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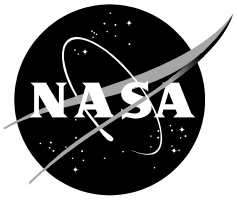

Shake Test Results and Dynamic Characterization of the Large Rotor Test Apparatus in the NFAC 40- by 80-Foot Wind Tunnel

Appendix C. Data

Carl R. Russell
Ames Research Center
Moffett Field, California

September 2015

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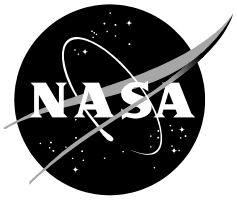

Shake Test Results and Dynamic Characterization of the Large Rotor Test Apparatus in the NFAC 40- by 80-Foot Wind Tunnel

Appendix C. Data

Carl R. Russell
Ames Research Center
Moffett Field, California

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, CA 94035-1000

September 2015

Acknowledgments

Benton Lau planned and executed the LRTA shake test, and the author would like to gratefully acknowledge his contribution to the work presented here. Brandon Hagerty, Charlie Rogers, and Wally Acree were especially helpful in providing their recollections of the test to fill in the gaps. Finally, the author would like to thank Tom Norman for his guidance and advice throughout this effort.

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Abstract

Prior to the full-scale wind tunnel test of the UH-60A Airloads rotor, a shake test was completed on the Large Rotor Test Apparatus. The goal of the shake test was to characterize the oscillatory response of the test rig and provide a dynamic calibration of the balance to accurately measure vibratory hub loads. This paper provides a summary of the shake test results, including balance, shaft bending gauge, and accelerometer measurements. Sensitivity to hub mass and angle of attack were investigated during the shake test. Hub mass was found to have an important impact on the vibratory forces and moments measured at the balance, especially near the UH-60A 4/rev frequency. Comparisons were made between the accelerometer data and an existing finite-element model, showing agreement on mode shapes, but not on natural frequencies. The results suggest that the shake test data can be used to correct in-plane loads measurements up to 10 Hz and normal loads up to 30 Hz.

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NOMENCLATURE

FRF	Frequency Response Function
LRTA	Large Rotor Test Apparatus
α	Angle of attack (degrees)
accxx	Acceleration from accelerometer number xx
AFxxxB1	Axial force from primary balance gauge at xxx azimuth
f	Frequency (Hz)
IPxxx	In-plane shaking at azimuth xxx
IPxxx-200	In-plane shaking at azimuth xxx with additional 200 lb on shake plate
MRSBM	Moment from lower shaft bending gauge, primary
MRSBMB	Moment from lower shaft bending gauge, backup
MRSEBL	Moment from shaft extender bending gauge, primary
MRSEBLB	Moment from shaft extender bending gauge, backup
NFxxxB1	Normal force from primary balance gauge at xxx azimuth
SFxxxB1	Side force from primary balance gauge at xxx azimuth
VTxxx	Vertical shaking at the edge of the vertical shake plate at azimuth xxx
VTxxx-200	Vertical shaking at the edge of the vertical shake plate at azimuth xxx with additional 200 lb on shake plate
VTC	Vertical shaking at the center of the vertical shake plate
VTC-200	Vertical shaking at the center of the vertical shake plate with additional 200 lb on shake plate

SUMMARY

This volume contains all of the numeric data for the Large Rotor Test Apparatus (LRTA) shake test. This includes data from the balance, shaft bending gauges, and accelerometers. Data for the rap test on the vertical shake plate are also included. All of the shake test data are expressed as frequency response functions (FRFs) in engineering units per pound. The denominator in all of these transfer functions is the force measured by the load cell at the shaker. The balance channels are measured in lb/lb, where the numerator is the force measured by the balance gauge. The shaft bending gauge channels are measured in in-lb/lb, where the numerator is the bending moment measured by the bending gauge. The accelerometer data are measured in g/lb, where the numerator is the acceleration measured by the accelerometer. For the rap test data, the data are measured in g/lb, where the numerator is acceleration measured by the accelerometer, and the denominator is force measured by the rap hammer. Coherence data (unitless) are also included for every channel.

In some cases, the accelerometer channel had a dead response or was disconnected. In these cases, the data column contains '_' instead of numeric data. These channels are as follows:

- Run 5 (without additional 200 lb): accel 27
- Run 7 (with and without additional 200 lb): accel 25
- Run 8 (with and without additional 200 lb): accel 25
- Run 10: accels 10 and 19
- Run 11: accels 10 and 19

All of the numeric data are also contained in a single Matlab file. This data file may be obtained by contacting the author.

1 Balance and Bending Gauge Data

1.1 Frequency Response Function (FRF) Data

1.1.1 Run 1 – IP000 – NF and AF gauges

In-plane shaking at 0°. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.7035+0.0000i	0.0594+0.0000i	0.4549+0.0000i	1.0957+0.0000i	-0.0772+0.0000i	0.0288+0.0000i	0.0057+0.0000i	0.0956+0.0000i
0.1	0.9062+0.0277i	-0.8246+0.0358i	-0.1059-0.0311i	0.0225-0.0023i	0.1118+0.0074i	0.1191-0.0015i	0.1663+0.0009i	0.1430+0.0279i
0.2	1.3905-0.0188i	-1.3080+0.0048i	-0.0635+0.0178i	0.0958-0.0094i	0.1888-0.0030i	0.1869+0.0054i	0.2308-0.0029i	0.2550-0.0082i
0.3	1.5148-0.0608i	-1.3500-0.0382i	-0.0407-0.0135i	0.0653+0.0628i	0.2016-0.0002i	0.2001+0.0014i	0.2424-0.0028i	0.2880-0.0071i
0.4	1.3638-0.1077i	-1.2424+0.0240i	-0.0382+0.0419i	0.0813+0.0290i	0.1908-0.0018i	0.1844+0.0014i	0.2376-0.0055i	0.2763-0.0137i
0.5	1.2949-0.0929i	-1.1622+0.1576i	-0.1397-0.1221i	0.2056-0.0143i	0.2028-0.0231i	0.1981-0.0093i	0.2547-0.0240i	0.2740-0.0167i
0.6	0.9491+0.2445i	-0.5862-0.0491i	-0.1483-0.0671i	0.0747+0.0671i	0.0706-0.0357i	0.1224-0.0201i	0.1405-0.0317i	0.0766-0.0067i
0.7	1.5225+0.0461i	-1.5496-0.0525i	-0.1649-0.0177i	0.0266+0.0475i	0.1883+0.0082i	0.2032+0.0042i	0.2544-0.0022i	0.2387+0.0057i
0.8	1.6608-0.0280i	-1.6319+0.0099i	-0.1620+0.0424i	0.0894-0.0652i	0.2243+0.0012i	0.2246-0.0035i	0.2767-0.0041i	0.3092+0.0009i
0.9	1.5962+0.0350i	-1.5407-0.0878i	-0.1681-0.0037i	0.1927-0.0156i	0.2272+0.0065i	0.2258+0.0098i	0.2723-0.0042i	0.3241+0.0241i
1.0	1.6911+0.0527i	-1.7354-0.1913i	-0.1643+0.3781i	0.0762-0.4404i	0.2226-0.0068i	0.2281-0.0057i	0.2623+0.0316i	0.3217-0.0602i
1.1	1.6572-0.0114i	-1.6655-0.0111i	0.2130+0.0430i	-0.2254-0.0368i	0.2251+0.0014i	0.2262+0.0022i	0.3144+0.0096i	0.2795-0.0106i
1.2	1.7175-0.0360i	-1.7356+0.0214i	0.2186-0.1022i	-0.2240+0.0936i	0.2370-0.0007i	0.2389+0.0002i	0.3414-0.0084i	0.2804+0.0048i
1.3	1.5980-0.0255i	-1.5673+0.0207i	-0.2282-0.1354i	0.1969+0.1269i	0.2298-0.0007i	0.2339+0.0010i	0.2809-0.0158i	0.3283+0.0206i
1.4	1.6624-0.0240i	-1.6497+0.0080i	-0.0848-0.0201i	0.0726+0.0236i	0.2397-0.0010i	0.2433+0.0000i	0.3099-0.0069i	0.3255+0.0027i
1.5	1.6745-0.0271i	-1.6621+0.0045i	-0.0741+0.0061i	0.0582-0.0001i	0.2464-0.0021i	0.2499-0.0027i	0.3223-0.0071i	0.3346-0.0021i
1.6	1.6875-0.0179i	-1.6684+0.0032i	-0.0566+0.0141i	0.0448-0.0087i	0.2520-0.0019i	0.2546-0.0022i	0.3322-0.0067i	0.3408-0.0019i
1.7	1.7051-0.0192i	-1.6829+0.0056i	-0.0543+0.0060i	0.0446-0.0073i	0.2614-0.0028i	0.2643-0.0026i	0.3476-0.0090i	0.3565-0.0007i
1.8	1.7426-0.0190i	-1.7198+0.0031i	-0.0572+0.0075i	0.0459-0.0058i	0.2766-0.0035i	0.2789-0.0030i	0.3708-0.0100i	0.3782-0.0016i
1.9	1.7957-0.0266i	-1.7681+0.0082i	-0.0601+0.0131i	0.0520-0.0091i	0.2978-0.0057i	0.3004-0.0056i	0.4047-0.0152i	0.4096-0.0043i
2.0	1.8863-0.0377i	-1.8501+0.0183i	-0.0641+0.0247i	0.0545-0.0196i	0.3334-0.0105i	0.3358-0.0106i	0.4608-0.0247i	0.4619-0.0099i
2.1	2.0324-0.1019i	-1.9859+0.0784i	-0.0584+0.0840i	0.0518-0.0679i	0.3978-0.0291i	0.4001-0.0297i	0.5635-0.0573i	0.5562-0.0349i
2.2	2.4202-0.2307i	-2.3474+0.1957i	0.1021+0.0322i	-0.0799-0.0208i	0.5815-0.0943i	0.5815-0.0948i	0.8495-0.1716i	0.8311-0.1218i
2.3	2.0330-3.2263i	-2.0123+2.9264i	-0.0562-0.1027i	0.0635+0.0955i	0.3954-1.3821i	0.3978-1.3731i	0.4804-2.2180i	0.6121-2.0135i
2.4	0.6651-0.2822i	-0.7419+0.2503i	-0.0653-0.0147i	0.0623+0.0079i	-0.1985-0.1199i	-0.1936-0.1185i	-0.4003-0.1678i	-0.3086-0.1919i
2.5	1.0894-0.0851i	-1.1233+0.0735i	-0.0441-0.0058i	0.0473+0.0008i	-0.0140-0.0306i	-0.0100-0.0307i	-0.0999-0.0354i	-0.0449-0.0556i
2.6	1.2452-0.0419i	-1.2633+0.0293i	-0.0456-0.0052i	0.0453+0.0020i	0.0527-0.0134i	0.0565-0.0135i	0.0083-0.0118i	0.0515-0.0278i
2.7	1.3292-0.0347i	-1.3449+0.0225i	-0.0436-0.0011i	0.0457+0.0004i	0.0888-0.0086i	0.0922-0.0084i	0.0661-0.0061i	0.1053-0.0189i
2.8	1.3784-0.0259i	-1.3891+0.0135i	-0.0451-0.0021i	0.0460+0.0007i	0.1101-0.0058i	0.1134-0.0056i	0.1003-0.0029i	0.1363-0.0137i
2.9	1.4222-0.0242i	-1.4293+0.0113i	-0.0410-0.0011i	0.0433-0.0001i	0.1256-0.0042i	0.1289-0.0042i	0.1251-0.0008i	0.1586-0.0115i
3.0	1.4392-0.0284i	-1.4449+0.0179i	-0.0416-0.0018i	0.0443+0.0009i	0.1353-0.0040i	0.1386-0.0040i	0.1409-0.0005i	0.1732-0.0103i
3.1	1.4657-0.0187i	-1.4681+0.0078i	-0.0416-0.0028i	0.0441+0.0015i	0.1439-0.0027i	0.1470-0.0027i	0.1544+0.0009i	0.1856-0.0088i
3.2	1.4828-0.0225i	-1.4847+0.0118i	-0.0417-0.0024i	0.0446+0.0011i	0.1502-0.0028i	0.1534-0.0029i	0.1642+0.0006i	0.1948-0.0085i
3.3	1.4966-0.0206i	-1.4964+0.0105i	-0.0421-0.0026i	0.0453+0.0016i	0.1553-0.0024i	0.1584-0.0025i	0.1721+0.0011i	0.2022-0.0079i
3.4	1.5098-0.0188i	-1.5090+0.0101i	-0.0418-0.0025i	0.0460+0.0015i	0.1597-0.0020i	0.1626-0.0021i	0.1786+0.0018i	0.2088-0.0073i
3.5	1.5253-0.0168i	-1.5234+0.0063i	-0.0408-0.0033i	0.0461+0.0020i	0.1641-0.0015i	0.1670-0.0015i	0.1851+0.0024i	0.2152-0.0066i
3.6	1.5324-0.0178i	-1.5302+0.0088i	-0.0422-0.0017i	0.0464+0.0013i	0.1669-0.0014i	0.1697-0.0014i	0.1895+0.0027i	0.2191-0.0066i
3.7	1.5478-0.0207i	-1.5428+0.0115i	-0.0409-0.0033i	0.0459+0.0021i	0.1706-0.0017i	0.1735-0.0018i	0.1954+0.0025i	0.2246-0.0070i
3.8	1.5533-0.0191i	-1.5472+0.0108i	-0.0403-0.0022i	0.0469+0.0023i	0.1731-0.0015i	0.1759-0.0016i	0.1988+0.0027i	0.2288-0.0066i
3.9	1.5651-0.0192i	-1.5575+0.0105i	-0.0399-0.0034i	0.0479+0.0012i	0.1757-0.0015i	0.1787-0.0016i	0.2029+0.0028i	0.2325-0.0068i
4.0	1.5745-0.0168i	-1.5694+0.0084i	-0.0391-0.0025i	0.0472+0.0015i	0.1785-0.0012i	0.1810-0.0012i	0.2067+0.0033i	0.2366-0.0066i
4.1	1.5910-0.0181i	-1.5828+0.0098i	-0.0392-0.0026i	0.0479+0.0024i	0.1817-0.0015i	0.1842-0.0017i	0.2111+0.0032i	0.2404-0.0068i
4.2	1.5922-0.0242i	-1.5830+0.0154i	-0.0373-0.0037i	0.0497+0.0013i	0.1828-0.0022i	0.1856-0.0020i	0.2129+0.0029i	0.2428-0.0080i
4.3	1.6033-0.0194i	-1.5941+0.0125i	-0.0379-0.0026i	0.0508+0.0008i	0.1851-0.0018i	0.1877-0.0021i	0.2161+0.0026i	0.2469-0.0076i
4.4	1.6209-0.0240i	-1.6089+0.0152i	-0.0373-0.0038i	0.0504+0.0001i	0.1882-0.0023i	0.1906-0.0021i	0.2202+0.0024i	0.2508-0.0086i
4.5	1.6215-0.0265i	-1.6091+0.0188i	-0.0347-0.0022i	0.0495+0.0016i	0.1889-0.0027i	0.1912-0.0029i	0.2208+0.0028i	0.2521-0.0105i
4.6	1.6345-0.0201i	-1.6187+0.0102i	-0.0337-0.0029i	0.0502+0.0023i	0.1912-0.0018i	0.1936-0.0017i	0.2242+0.0045i	0.2563-0.0095i
4.7	1.6451-0.0252i	-1.6271+0.0173i	-0.0346-0.0041i	0.0491+0.0029i	0.1932-0.0022i	0.1961-0.0020i	0.2278+0.0039i	0.2587-0.0100i
4.8	1.6562-0.0260i	-1.6381+0.0190i	-0.0320-0.0058i	0.0518+0.0024i	0.1957-0.0028i	0.1985-0.0028i	0.2312+0.0023i	0.2620-0.0106i
4.9	1.6660-0.0162i	-1.6448+0.0084i	-0.0325-0.0040i	0.0505+0.0009i	0.1973-0.0017i	0.1999-0.0020i	0.2324+0.0043i	0.2653-0.0092i
5.0	1.6839-0.0263i	-1.6592+0.0184i	-0.0312-0.0031i	0.0499+0.0008i	0.2003-0.0032i	0.2027-0.0033i	0.2363+0.0035i	0.2695-0.0120i
5.1	1.6924-0.0291i	-1.6676+0.0203i	-0.0307-0.0062i	0.0541+0.0003i	0.2029-0.0040i	0.2050-0.0039i	0.2395+0.0026i	0.2734-0.0128i

5.2	1.7070−0.0305i	−1.6869+0.0207i	−0.0267−0.0041i	0.0548+0.0025i	0.2059−0.0046i	0.2080−0.0049i	0.2446+0.0007i	0.2773−0.0142i
5.3	1.7274−0.0372i	−1.6980+0.0310i	−0.0227−0.0025i	0.0542+0.0011i	0.2079−0.0066i	0.2102−0.0069i	0.2460−0.0013i	0.2811−0.0179i
5.4	1.7332−0.0431i	−1.6988+0.0300i	−0.0228−0.0086i	0.0544+0.0021i	0.2095−0.0066i	0.2118−0.0062i	0.2476+0.0020i	0.2841−0.0205i
5.5	1.7539−0.0450i	−1.7165+0.0323i	−0.0186−0.0066i	0.0567−0.0004i	0.2125−0.0084i	0.2146−0.0081i	0.2522−0.0015i	0.2874−0.0221i
5.6	1.7579−0.0480i	−1.7210+0.0364i	−0.0158−0.0084i	0.0596−0.0005i	0.2137−0.0097i	0.2156−0.0097i	0.2538−0.0042i	0.2880−0.0245i
5.7	1.7900−0.0553i	−1.7462+0.0394i	−0.0130−0.0106i	0.0630−0.0025i	0.2168−0.0108i	0.2187−0.0100i	0.2577−0.0030i	0.2927−0.0281i
5.8	1.7849−0.0748i	−1.7388+0.0529i	−0.0082−0.0122i	0.0637−0.0019i	0.2172−0.0139i	0.2189−0.0137i	0.2583−0.0068i	0.2936−0.0343i
5.9	1.8057−0.0694i	−1.7572+0.0475i	−0.0053−0.0130i	0.0645−0.0029i	0.2177−0.0139i	0.2192−0.0134i	0.2580−0.0045i	0.2930−0.0357i
6.0	1.8098−0.0727i	−1.7582+0.0516i	−0.0019−0.0163i	0.0627−0.0046i	0.2178−0.0140i	0.2194−0.0135i	0.2583−0.0037i	0.2938−0.0369i
6.1	1.8287−0.0799i	−1.7705+0.0547i	0.0050−0.0204i	0.0670−0.0038i	0.2196−0.0136i	0.2211−0.0131i	0.2617−0.0020i	0.2958−0.0364i
6.2	1.8488−0.0736i	−1.7846+0.0481i	0.0142−0.0217i	0.0698−0.0030i	0.2228−0.0130i	0.2241−0.0120i	0.2674+0.0015i	0.2979−0.0370i
6.3	1.8746−0.0807i	−1.7962+0.0531i	0.0209−0.0237i	0.0706−0.0010i	0.2259−0.0133i	0.2273−0.0125i	0.2708+0.0005i	0.3024−0.0377i
6.4	1.9006−0.0899i	−1.8125+0.0541i	0.0291−0.0305i	0.0808−0.0042i	0.2300−0.0138i	0.2310−0.0132i	0.2777+0.0003i	0.3067−0.0397i
6.5	1.9391−0.0990i	−1.8308+0.0595i	0.0389−0.0392i	0.0893−0.0081i	0.2347−0.0157i	0.2356−0.0142i	0.2866−0.0015i	0.3120−0.0414i
6.6	1.9761−0.1227i	−1.8420+0.0734i	0.0523−0.0459i	0.0963−0.0102i	0.2393−0.0192i	0.2398−0.0173i	0.2917−0.0060i	0.3188−0.0457i
6.7	2.0259−0.1491i	−1.8697+0.0816i	0.0766−0.0645i	0.1132−0.0246i	0.2457−0.0229i	0.2451−0.0205i	0.3011−0.0098i	0.3259−0.0541i
6.8	2.0696−0.1893i	−1.8826+0.0851i	0.0971−0.0878i	0.1262−0.0380i	0.2497−0.0277i	0.2494−0.0248i	0.3085−0.0139i	0.3287−0.0622i
6.9	2.1363−0.2388i	−1.9050+0.0884i	0.1285−0.1225i	0.1453−0.0566i	0.2562−0.0332i	0.2554−0.0295i	0.3186−0.0191i	0.3359−0.0713i
7.0	2.2157−0.3813i	−1.9361+0.1211i	0.1716−0.2043i	0.1761−0.1025i	0.2647−0.0482i	0.2629−0.0427i	0.3310−0.0384i	0.3439−0.0912i
7.1	2.1861−0.6340i	−1.9254+0.1564i	0.1576−0.3670i	0.1710−0.2133i	0.2593−0.0738i	0.2587−0.0647i	0.3300−0.0660i	0.3304−0.1291i
7.2	1.8635−0.8214i	−1.8924+0.1590i	−0.0590−0.5121i	0.0362−0.2985i	0.2259−0.0889i	0.2307−0.0769i	0.2969−0.0862i	0.2779−0.1444i
7.3	1.6738−0.6599i	−1.9219+0.1440i	−0.2327−0.4005i	−0.0669−0.2359i	0.2129−0.0689i	0.2207−0.0610i	0.2829−0.0695i	0.2641−0.1094i
7.4	1.4849−0.5972i	−1.8872+0.1420i	−0.3525−0.3367i	−0.1506−0.2149i	0.1955−0.0661i	0.2065−0.0601i	0.2615−0.0732i	0.2415−0.1038i
7.5	1.4764−0.2914i	−1.9276+0.1137i	−0.3682−0.1411i	−0.1825−0.0840i	0.1959−0.0357i	0.2058−0.0337i	0.2572−0.0366i	0.2445−0.0612i
7.6	1.6135−0.1813i	−1.9543+0.0894i	−0.2844−0.0727i	−0.1295−0.0286i	0.2116−0.0244i	0.2204−0.0240i	0.2759−0.0226i	0.2704−0.0478i
7.7	1.7138−0.1735i	−2.0006+0.1137i	−0.2456−0.0610i	−0.1047−0.0154i	0.2250−0.0254i	0.2317−0.0251i	0.2925−0.0239i	0.2855−0.0469i
7.8	1.7971−0.1777i	−2.0479+0.1315i	−0.2127−0.0541i	−0.0890−0.0098i	0.2361−0.0276i	0.2413−0.0275i	0.3049−0.0275i	0.3027−0.0515i
7.9	1.8405−0.2126i	−2.0715+0.1509i	−0.1968−0.0660i	−0.0826−0.0095i	0.2421−0.0331i	0.2468−0.0326i	0.3119−0.0335i	0.3115−0.0620i
8.0	1.8284−0.2216i	−2.0802+0.1668i	−0.2227−0.0596i	−0.0916+0.0035i	0.2403−0.0357i	0.2464−0.0347i	0.3116−0.0380i	0.3061−0.0632i
8.1	1.8871−0.2333i	−2.1083+0.1954i	−0.1979−0.0567i	−0.0766+0.0009i	0.2481−0.0389i	0.2535−0.0381i	0.3227−0.0434i	0.3168−0.0673i
8.2	1.8870−0.2461i	−2.1313+0.2024i	−0.2170−0.0617i	−0.0888+0.0050i	0.2481−0.0417i	0.2535−0.0409i	0.3225−0.0463i	0.3171−0.0718i
8.3	1.9111−0.2386i	−2.1692+0.2148i	−0.2253−0.0426i	−0.0966+0.0158i	0.2522−0.0406i	0.2579−0.0401i	0.3272−0.0456i	0.3235−0.0699i
8.4	1.9558−0.2273i	−2.2198+0.2187i	−0.2231−0.0299i	−0.0985+0.0262i	0.2615−0.0390i	0.2666−0.0393i	0.3387−0.0448i	0.3368−0.0679i
8.5	2.0096−0.2258i	−2.2806+0.2383i	−0.2205−0.0192i	−0.1010+0.0336i	0.2718−0.0411i	0.2765−0.0413i	0.3528−0.0475i	0.3511−0.0716i
8.6	2.0719−0.2489i	−2.3457+0.2829i	−0.2204−0.0175i	−0.1181+0.0449i	0.2835−0.0475i	0.2880−0.0469i	0.3691−0.0547i	0.3681−0.0795i
8.7	2.1242−0.3049i	−2.4039+0.3540i	−0.2348−0.0121i	−0.1271+0.0591i	0.2935−0.0596i	0.2973−0.0586i	0.3812−0.0710i	0.3816−0.0981i
8.8	2.1973−0.3703i	−2.5040+0.4552i	−0.2441−0.0011i	−0.1385+0.0850i	0.3082−0.0730i	0.3117−0.0714i	0.4036−0.0899i	0.4014−0.1183i
8.9	2.2301−0.4656i	−2.5456+0.5894i	−0.2511+0.0115i	−0.1449+0.1159i	0.3155−0.0947i	0.3189−0.0927i	0.4145−0.1191i	0.4114−0.1509i
9.0	2.2822−0.5781i	−2.6201+0.7609i	−0.2660+0.0407i	−0.1590+0.1581i	0.3290−0.1220i	0.3315−0.1189i	0.4336−0.1545i	0.4286−0.1906i
9.1	2.1517−0.6872i	−2.4365+0.9312i	−0.2516+0.0683i	−0.1159+0.2025i	0.2963−0.1510i	0.3003−0.1471i	0.3937−0.1965i	0.3768−0.2323i
9.2	2.2946−0.7502i	−2.6402+1.0401i	−0.2884+0.0801i	−0.1587+0.2426i	0.3297−0.1656i	0.3331−0.1608i	0.4416−0.2116i	0.4253−0.2555i
9.3	2.1633−1.1581i	−2.4469+1.6489i	−0.2925+0.1785i	−0.1004+0.3949i	0.2971−0.2640i	0.3032−0.2574i	0.4060−0.3501i	0.3697−0.3980i
9.4	1.6466−1.2894i	−1.6723+1.8703i	−0.1972+0.2578i	0.0947+0.4401i	0.1742−0.2977i	0.1845−0.2904i	0.2456−0.4099i	0.1843−0.4349i
9.5	1.2764−0.9795i	−1.1017+1.4350i	−0.0883+0.2383i	0.2402+0.3343i	0.0824−0.2275i	0.0945−0.2239i	0.1121−0.3266i	0.0568−0.3235i
9.6	1.2461−0.6268i	−1.0247+0.9176i	−0.0360+0.1861i	0.2634+0.2097i	0.0701−0.1456i	0.0809−0.1450i	0.0833−0.2190i	0.0468−0.2020i
9.7	1.3308−0.4229i	−1.1335+0.6233i	−0.0210+0.1447i	0.2414+0.1354i	0.0872−0.0972i	0.0975−0.0987i	0.1004−0.1530i	0.0757−0.1300i
9.8	1.4275−0.3014i	−1.2561+0.4414i	−0.0158+0.1175i	0.2169+0.0910i	0.1070−0.0684i	0.1159−0.0702i	0.1221−0.1123i	0.1068−0.0903i
9.9	1.5200−0.2330i	−1.3696+0.3310i	−0.0169+0.0897i	0.1889+0.0642i	0.1250−0.0512i	0.1335−0.0532i	0.1441−0.0841i	0.1349−0.0689i
10.0	1.6009−0.1868i	−1.4698+0.2615i	−0.0185+0.0728i	0.1719+0.0492i	0.1403−0.0402i	0.1483−0.0420i	0.1635−0.0671i	0.1580−0.0522i
10.1	1.6593−0.1488i	−1.5531+0.2079i	−0.0240+0.0549i	0.1501+0.0421i	0.1533−0.0318i	0.1605−0.0336i	0.1786−0.0534i	0.1776−0.0417i
10.2	1.7356−0.1362i	−1.6429+0.1871i	−0.0260+0.0426i	0.1355+0.0360i	0.1675−0.0279i	0.1742−0.0291i	0.1967−0.0449i	0.1973−0.0382i
10.3	1.7905−0.1317i	−1.7164+0.1815i	−0.0253+0.0421i	0.1221+0.0332i	0.1779−0.0260i	0.1842−0.0272i	0.2107−0.0442i	0.2131−0.0338i
10.4	1.8365−0.1247i	−1.7685+0.1748i	−0.0223+0.0442i	0.1142+0.0338i	0.1861−0.0243i	0.1923−0.0256i	0.2212−0.0406i	0.2234−0.0311i
10.5	1.8781−0.1169i	−1.8040+0.1563i	−0.0173+0.0304i	0.1057+0.0353i	0.1925−0.0218i	0.1984−0.0231i	0.2302−0.0355i	0.2325−0.0286i
10.6	1.9183−0.1095i	−1.8501+0.1435i	−0.0143+0.0145i	0.0968+0.0351i	0.1989−0.0202i	0.2051−0.0205i	0.2400−0.0329i	0.2416−0.0270i
10.7	1.9594−0.1006i	−1.8966+0.1317i	−0.0144+0.0070i	0.0928+0.0380i	0.2073−0.0179i	0.2131−0.0180i	0.2508−0.0309i	0.2526−0.0220i
10.8	2.0083−0.0868i	−1.9464+0.1214i	−0.0250−0.0046i	0.0914+0.0429i	0.2136−0.0172i	0.2201−0.0179i	0.2594−0.0320i	0.2620−0.0197i
10.9	2.0545−0.0993i	−1.9962+0.1240i	−0.0236−0.0082i	0.0885+0.0436i	0.2204−0.0175i	0.2272−0.0181i	0.2655−0.0304i	0.2738−0.0216i
11.0	2.1116−0.0893i	−2.0546+0.1156i	−0.0212−0.0127i	0.0857+0.0463i	0.2280−0.0164i	0.2348−0.0159i	0.2768−0.0296i	0.2830−0.0171i
11.1	2.1410−0.0898i	−2.0867+0.1074i	−0.0147−0.0266i	0.0724+0.0456i	0.2342−0.0146i	0.2402−0.0149i	0.2845−0.0318i	0.2902−0.0118i
11.2	2.1731−0.0879i	−2.1193+0.1042i	−0.0157−0.0552i	0.0650+0.0685i	0.2398−0.0147i	0.2456−0.0149i	0.2897−0.0359i	0.3008−0.0098i
11.3	2.2087−0.0857i	−2.1695+0.0903i	−0.0390−0.0834i	0.0828+0.1012i	0.2451−0.0138i	0.2513−0.0142i	0.2911−0.0374i	0.3161−0.0050i
11.4	2.2658−0.0845i	−2.2264+0.0895i	−0.0829−0.0996i	0.1218+0.1109i	0.2520−0.0135i	0.2595−0.0137i	0.2912−0.0335i	0.3340−0.0079i

11.5	2.2958-0.0861i	-2.2590+0.0838i	-0.1301-0.0925i	0.1650+0.1039i	0.2571-0.0139i	0.2639-0.0143i	0.2907-0.0258i	0.3460-0.0160i
11.6	2.3499-0.0940i	-2.3221+0.0914i	-0.1596-0.0497i	0.1829+0.0594i	0.2651-0.0149i	0.2711-0.0152i	0.3036-0.0172i	0.3553-0.0266i
11.7	2.3835-0.0802i	-2.3530+0.0788i	-0.1539-0.0119i	0.1752+0.0270i	0.2697-0.0134i	0.2770-0.0144i	0.3134-0.0101i	0.3582-0.0310i
11.8	2.4475-0.0634i	-2.4126+0.0635i	-0.1493+0.0028i	0.1653+0.0047i	0.2779-0.0116i	0.2847-0.0129i	0.3291-0.0064i	0.3644-0.0315i
11.9	2.5061-0.0785i	-2.4818+0.0732i	-0.1354+0.0284i	0.1487-0.0221i	0.2864-0.0140i	0.2937-0.0140i	0.3435-0.0073i	0.3711-0.0365i
12.0	2.5603-0.0753i	-2.5450+0.0714i	-0.1145+0.0434i	0.1217-0.0380i	0.2932-0.0137i	0.3006-0.0145i	0.3585-0.0080i	0.3747-0.0361i
12.1	2.6197-0.0907i	-2.6144+0.0798i	-0.0870+0.0437i	0.0849-0.0285i	0.2998-0.0145i	0.3074-0.0165i	0.3716-0.0130i	0.3791-0.0343i
12.2	2.7014-0.1017i	-2.7050+0.0972i	-0.0715+0.0330i	0.0641-0.0090i	0.3106-0.0153i	0.3175-0.0166i	0.3852-0.0187i	0.3942-0.0322i
12.3	2.7683-0.1205i	-2.7618+0.1177i	-0.0687+0.0136i	0.0630+0.0051i	0.3188-0.0181i	0.3260-0.0192i	0.3927-0.0235i	0.4069-0.0305i
12.4	2.8104-0.1564i	-2.8101+0.1662i	-0.0682+0.0120i	0.0582+0.0080i	0.3263-0.0229i	0.3327-0.0238i	0.3993-0.0293i	0.4171-0.0402i
12.5	2.8501-0.1692i	-2.8533+0.1824i	-0.0666+0.0113i	0.0583+0.0175i	0.3313-0.0251i	0.3388-0.0263i	0.4062-0.0317i	0.4273-0.0430i
12.6	2.9141-0.1748i	-2.9209+0.1995i	-0.0548+0.0090i	0.0576+0.0233i	0.3406-0.0273i	0.3476-0.0284i	0.4158-0.0350i	0.4381-0.0452i
12.7	2.9920-0.1957i	-2.9926+0.2237i	-0.0457+0.0068i	0.0485+0.0296i	0.3493-0.0302i	0.3563-0.0310i	0.4281-0.0382i	0.4495-0.0492i
12.8	3.0725-0.2211i	-3.0663+0.2463i	-0.0338+0.0003i	0.0504+0.0386i	0.3591-0.0328i	0.3667-0.0344i	0.4397-0.0418i	0.4620-0.0550i
12.9	3.1173-0.2194i	-3.1097+0.2392i	-0.0287-0.0108i	0.0415+0.0403i	0.3651-0.0326i	0.3724-0.0339i	0.4471-0.0416i	0.4696-0.0528i
13.0	3.1790-0.2315i	-3.1678+0.2491i	-0.0195-0.0181i	0.0470+0.0510i	0.3734-0.0337i	0.3800-0.0349i	0.4566-0.0437i	0.4821-0.0538i
13.1	3.2189-0.2377i	-3.2204+0.2530i	-0.0209-0.0342i	0.0476+0.0464i	0.3798-0.0354i	0.3855-0.0358i	0.4644-0.0438i	0.4908-0.0574i
13.2	3.3322-0.2773i	-3.3319+0.2920i	-0.0185-0.0400i	0.0398+0.0555i	0.3940-0.0413i	0.4002-0.0414i	0.4826-0.0498i	0.5083-0.0661i
13.3	3.4142-0.3126i	-3.4048+0.3240i	-0.0127-0.0512i	0.0284+0.0651i	0.4036-0.0462i	0.4097-0.0454i	0.4941-0.0552i	0.5231-0.0733i
13.4	3.5214-0.3196i	-3.5151+0.3326i	0.0027-0.0738i	0.0149+0.0777i	0.4180-0.0485i	0.4239-0.0471i	0.5115-0.0570i	0.5413-0.0770i
13.5	3.6377-0.3369i	-3.6389+0.3554i	0.0079-0.0853i	0.0008+0.0904i	0.4328-0.0509i	0.4388-0.0503i	0.5300-0.0622i	0.5587-0.0817i
13.6	3.7430-0.3752i	-3.7455+0.3903i	0.0164-0.1080i	-0.0188+0.1071i	0.4449-0.0578i	0.4519-0.0566i	0.5455-0.0682i	0.5765-0.0889i
13.7	3.8285-0.4237i	-3.8317+0.4471i	0.0254-0.1422i	-0.0276+0.1388i	0.4556-0.0654i	0.4627-0.0642i	0.5586-0.0765i	0.5900-0.1020i
13.8	3.9252-0.4953i	-3.9343+0.5213i	0.0184-0.1702i	-0.0226+0.1734i	0.4663-0.0747i	0.4738-0.0733i	0.5733-0.0872i	0.6020-0.1160i
13.9	4.0443-0.5142i	-4.0529+0.5441i	0.0111-0.2036i	-0.0276+0.1994i	0.4801-0.0801i	0.4878-0.0750i	0.5905-0.0884i	0.6189-0.1220i
14.0	4.1451-0.6044i	-4.1574+0.6449i	-0.0171-0.2706i	-0.0146+0.2524i	0.4902-0.0906i	0.5010-0.0854i	0.6069-0.1001i	0.6324-0.1421i
14.1	4.1956-0.6485i	-4.2126+0.6916i	-0.0655-0.3077i	0.0245+0.2927i	0.4959-0.0952i	0.5076-0.0900i	0.6187-0.1035i	0.6366-0.1492i
14.2	4.3100-0.6430i	-4.3255+0.6988i	-0.1132-0.3337i	0.0692+0.3224i	0.5098-0.0952i	0.5222-0.0897i	0.6406-0.1031i	0.6530-0.1503i
14.3	4.4468-0.7394i	-4.4455+0.7815i	-0.1823-0.3370i	0.1167+0.3377i	0.5244-0.1057i	0.5404-0.1006i	0.6664-0.1165i	0.6687-0.1651i
14.4	4.6071-0.7792i	-4.5959+0.8308i	-0.2255-0.3258i	0.1528+0.3291i	0.5432-0.1119i	0.5617-0.1069i	0.6955-0.1283i	0.6893-0.1700i
14.5	4.7529-0.8638i	-4.7348+0.9142i	-0.2523-0.3070i	0.1727+0.3281i	0.5599-0.1199i	0.5800-0.1190i	0.7189-0.1446i	0.7099-0.1780i
14.6	4.9046-0.9043i	-4.8941+0.9422i	-0.2690-0.3085i	0.1835+0.3366i	0.5803-0.1248i	0.6002-0.1243i	0.7437-0.1547i	0.7357-0.1827i
14.7	5.1145-0.9987i	-5.1072+1.0505i	-0.3065-0.3180i	0.2352+0.3646i	0.6072-0.1369i	0.6265-0.1377i	0.7796-0.1758i	0.7727-0.1987i
14.8	5.2568-1.1173i	-5.2328+1.1659i	-0.3690-0.3102i	0.2962+0.3863i	0.6231-0.1517i	0.6461-0.1558i	0.8002-0.2001i	0.7932-0.2150i
14.9	5.4733-1.1185i	-5.4287+1.1731i	-0.3964-0.2786i	0.3373+0.3696i	0.6465-0.1526i	0.6700-0.1584i	0.8297-0.2042i	0.8249-0.2177i
15.0	5.7982-1.2000i	-5.7496+1.2247i	-0.4353-0.2501i	0.3784+0.3302i	0.6874-0.1611i	0.7090-0.1695i	0.8786-0.2207i	0.8751-0.2251i
15.1	6.1028-1.3633i	-6.0557+1.3817i	-0.4414-0.1876i	0.3835+0.2551i	0.7256-0.1809i	0.7490-0.1890i	0.9230-0.2469i	0.9281-0.2529i
15.2	6.3246-1.4377i	-6.3051+1.4497i	-0.3923-0.1531i	0.3537+0.2141i	0.7563-0.1904i	0.7767-0.1982i	0.9601-0.2633i	0.9671-0.2642i
15.3	6.6962-1.6931i	-6.6631+1.7056i	-0.3554-0.1814i	0.3050+0.2434i	0.8009-0.2210i	0.8231-0.2308i	1.0154-0.3055i	1.0253-0.3039i
15.4	7.0468-1.8856i	-7.0387+1.8906i	-0.3199-0.1917i	0.2592+0.2427i	0.8476-0.2455i	0.8689-0.2553i	1.0706-0.3392i	1.0887-0.3356i
15.5	7.4727-2.1689i	-7.4788+2.1670i	-0.2545-0.2878i	0.1801+0.3385i	0.9011-0.2826i	0.9239-0.2923i	1.1360-0.3880i	1.1601-0.3867i
15.6	7.8862-2.5568i	-7.8960+2.5493i	-0.2560-0.4507i	0.1775+0.5171i	0.9524-0.3325i	0.9755-0.3462i	1.1989-0.4552i	1.2266-0.4508i
15.7	8.4810-3.1042i	-8.5076+3.1001i	-0.3123-0.6441i	0.2071+0.7176i	1.0280-0.4024i	1.0517-0.4185i	1.2862-0.5484i	1.3271-0.5445i
15.8	8.9868-3.7205i	-9.0304+3.7242i	-0.5384-0.9282i	0.3910+0.9979i	1.0933-0.4844i	1.1183-0.5024i	1.3652-0.6546i	1.4130-0.6540i
15.9	9.5800-4.3329i	-9.6601+4.3597i	-0.9153-1.0620i	0.7404+1.1536i	1.1672-0.5676i	1.1898-0.5891i	1.4508-0.7680i	1.5091-0.7643i
16.0	10.1725-5.5348i	-10.2489+5.6168i	-1.4013-0.9409i	1.2026+1.1126i	1.2359-0.7306i	1.2594-0.7582i	1.5277-0.9781i	1.5983-0.9807i
16.1	10.5547-6.5294i	-10.6227+6.6209i	-1.8174-0.6732i	1.6094+0.9020i	1.2719-0.8602i	1.2965-0.8891i	1.5608-1.1427i	1.6407-1.1536i
16.2	11.0254-7.6795i	-11.1118+7.7888i	-2.0530-0.2833i	1.8532+0.5540i	1.3223-1.0045i	1.3454-1.0369i	1.6135-1.3230i	1.7059-1.3449i
16.3	11.5900-9.5040i	-11.6850+9.6547i	-2.0479+0.0276i	1.8597+0.2851i	1.3838-1.2360i	1.4018-1.2706i	1.6739-1.6142i	1.7838-1.6537i
16.4	11.3958-11.9739i	-11.5068+12.1742i	-2.1417+0.3421i	1.9681+0.0858i	1.3515-1.5441i	1.3684-1.5852i	1.6159-1.9935i	1.7375-2.0618i
16.5	10.4740-14.9310i	-10.5467+15.2253i	-2.2910+0.6673i	2.1932-0.1265i	1.2214-1.9203i	1.2303-1.9666i	1.4378-2.4518i	1.5527-2.5634i
16.6	8.4565-17.6699i	-8.3786+18.0259i	-2.7916+1.0424i	2.8590-0.4057i	0.9368-2.2642i	0.9394-2.3144i	1.0665-2.8617i	1.1635-3.0172i
16.7	6.1489-18.8676i	-5.9779+19.1502i	-2.8103+2.2975i	2.9555-1.6661i	0.6222-2.3894i	0.6234-2.4353i	0.6712-2.9951i	0.7412-3.1705i
16.8	2.0310-20.8137i	-1.8394+21.0641i	-1.6640+3.0769i	1.9846-2.4751i	0.0957-2.5951i	0.0861-2.6453i	0.0120-3.2294i	0.0352-3.4301i
16.9	-2.3853-20.6481i	2.6449+20.8966i	-0.5130+3.4534i	0.9605-2.8615i	-0.4613-2.5525i	-0.4833-2.5981i	-0.6731-3.1608i	-0.7046-3.3527i
17.0	-6.5676-18.6124i	6.9215+18.8248i	0.2736+2.9590i	0.2753-2.4764i	-0.9757-2.2690i	-1.0039-2.3053i	-1.3014-2.7911i	-1.3811-2.9549i
17.1	-8.5242-15.1968i	8.9602+15.3065i	0.4227+2.3803i	0.2472-2.0691i	-1.2242-1.8224i	-1.2507-1.8470i	-1.6058-2.2266i	-1.7006-2.3527i
17.2	-9.3165-13.4257i	9.6781+13.4269i	1.3671+2.7444i	-0.6830-2.5564i	-1.2969-1.5660i	-1.3259-1.5880i	-1.6847-1.8974i	-1.7820-2.0005i
17.3	-9.8167-10.6999i	10.1659+10.6968i	1.6681+1.5052i	-1.0225-1.4493i	-1.3335-1.2223i	-1.3611-1.2354i	-1.7180-1.4681i	-1.8162-1.5436i
17.4	-9.4232-8.6627i	9.7725+8.6032i	1.3113+0.9753i	-0.7177-1.0232i	-1.2703-0.9593i	-1.2925-0.9696i	-1.6322-1.1359i	-1.7181-1.2007i
17.5	-8.6596-7.5675i	8.9835+7.4317i	1.0860+0.9671i	-0.5202-1.0960i	-1.1575-0.8127i	-1.1791-0.8214i	-1.4824-0.9519i	-1.5643-1.0090i
17.6	-8.3111-6.8450i	8.5738+6.6750i	1.2077+0.8085i	-0.7348-1.0012i	-1.0895-0.7192i	-1.1084-0.7273i	-1.3880-0.8354i	-1.4637-0.8860i
17.7	-8.0543-5.9304i	8.2663+5.7579i	1.0850+0.4897i	-0.7016-0.7063i	-1.0350-0.6133i	-1.0528-0.6184i	-1.3114-0.7031i	-1.3836-0.7485i

17.8	-7.8627-5.0735i	8.0406+4.8992i	0.9022+0.3548i	-0.5694-0.5709i	-0.9936-0.5135i	-1.0097-0.5194i	-1.2505-0.5835i	-1.3210-0.6231i
17.9	-7.5975-4.3662i	7.7480+4.2040i	0.8081+0.3191i	-0.5113-0.5250i	-0.9486-0.4370i	-0.9639-0.4415i	-1.1894-0.4919i	-1.2574-0.5288i
18.0	-7.1847-3.7202i	7.3222+3.5687i	0.7171+0.2720i	-0.4579-0.4767i	-0.8899-0.3677i	-0.9031-0.3709i	-1.1100-0.4097i	-1.1770-0.4423i
18.1	-6.8472-3.2052i	6.9733+3.0600i	0.6753+0.2127i	-0.4375-0.4244i	-0.8438-0.3147i	-0.8568-0.3165i	-1.0507-0.3460i	-1.1165-0.3774i
18.2	-6.4657-2.8178i	6.5845+2.6716i	0.6025+0.1884i	-0.3792-0.3978i	-0.7943-0.2743i	-0.8054-0.2757i	-0.9867-0.2993i	-1.0494-0.3288i
18.3	-6.1191-2.5216i	6.2212+2.3726i	0.5404+0.1777i	-0.3491-0.3900i	-0.7498-0.2452i	-0.7601-0.2460i	-0.9290-0.2666i	-0.9926-0.2935i
18.4	-5.8090-2.1799i	5.8906+2.0472i	0.4881+0.1889i	-0.3324-0.3877i	-0.7103-0.2100i	-0.7194-0.2114i	-0.8765-0.2263i	-0.9410-0.2487i
18.5	-5.5362-1.9093i	5.6008+1.8030i	0.4529+0.2082i	-0.3284-0.3720i	-0.6741-0.1837i	-0.6833-0.1850i	-0.8296-0.1978i	-0.8943-0.2154i
18.6	-5.2553-1.6031i	5.3591+1.5481i	0.4887+0.2868i	-0.3347-0.3740i	-0.6425-0.1593i	-0.6510-0.1595i	-0.7896-0.1738i	-0.8535-0.1858i
18.7	-4.8398-1.3953i	5.0020+1.2912i	0.5930+0.1811i	-0.3579-0.3214i	-0.6051-0.1329i	-0.6115-0.1335i	-0.7477-0.1438i	-0.8048-0.1518i
18.8	-4.5914-1.3704i	4.7353+1.2246i	0.5339+0.0832i	-0.3211-0.2820i	-0.5745-0.1258i	-0.5801-0.1265i	-0.7096-0.1334i	-0.7660-0.1434i
18.9	-4.3525-1.2682i	4.4838+1.1089i	0.4906+0.0639i	-0.3022-0.2746i	-0.5455-0.1127i	-0.5502-0.1140i	-0.6725-0.1190i	-0.7276-0.1263i
19.0	-4.1791-1.1556i	4.2900+0.9864i	0.4650+0.0404i	-0.2952-0.2602i	-0.5235-0.0980i	-0.5279-0.1000i	-0.6452-0.1023i	-0.6996-0.1074i
19.1	-3.9846-1.0893i	4.0890+0.9097i	0.4366+0.0162i	-0.2833-0.2455i	-0.5004-0.0895i	-0.5045-0.0917i	-0.6160-0.0931i	-0.6691-0.0950i
19.2	-3.8177-1.0306i	3.9047+0.8418i	0.4064-0.0049i	-0.2694-0.2347i	-0.4789-0.0821i	-0.4829-0.0847i	-0.5898-0.0851i	-0.6401-0.0848i
19.3	-3.6712-0.9901i	3.7489+0.7869i	0.3790-0.0278i	-0.2600-0.2246i	-0.4609-0.0749i	-0.4648-0.0773i	-0.5672-0.0767i	-0.6169-0.0749i
19.4	-3.5545-0.9398i	3.6115+0.7316i	0.3478-0.0386i	-0.2581-0.2193i	-0.4446-0.0672i	-0.4487-0.0707i	-0.5478-0.0691i	-0.5945-0.0645i
19.5	-3.4262-0.8670i	3.4607+0.6527i	0.3142-0.0453i	-0.2487-0.2107i	-0.4263-0.0584i	-0.4298-0.0619i	-0.5260-0.0580i	-0.5690-0.0528i
19.6	-3.3017-0.8055i	3.3153+0.6015i	0.2751-0.0509i	-0.2372-0.1938i	-0.4090-0.0521i	-0.4125-0.0553i	-0.5038-0.0515i	-0.5452-0.0447i
19.7	-3.1808-0.7277i	3.1896+0.5395i	0.2516-0.0464i	-0.2187-0.1900i	-0.3940-0.0442i	-0.3986-0.0475i	-0.4870-0.0434i	-0.5261-0.0349i
19.8	-3.0771-0.6957i	3.0739+0.5083i	0.2299-0.0395i	-0.2142-0.1992i	-0.3806-0.0411i	-0.3844-0.0440i	-0.4700-0.0393i	-0.5079-0.0306i
19.9	-2.9582-0.6598i	2.9449+0.4752i	0.2152-0.0284i	-0.2193-0.2028i	-0.3644-0.0364i	-0.3690-0.0395i	-0.4513-0.0339i	-0.4862-0.0249i
20.0	-2.8563-0.6186i	2.8271+0.4373i	0.2073-0.0229i	-0.2243-0.1960i	-0.3511-0.0310i	-0.3553-0.0344i	-0.4352-0.0279i	-0.4667-0.0180i
20.1	-2.7847-0.5707i	2.7355+0.4009i	0.2041-0.0192i	-0.2412-0.1871i	-0.3391-0.0265i	-0.3431-0.0297i	-0.4200-0.0219i	-0.4492-0.0124i
20.2	-2.7298-0.5483i	2.6696+0.3888i	0.1978-0.0234i	-0.2465-0.1711i	-0.3318-0.0247i	-0.3356-0.0278i	-0.4113-0.0191i	-0.4399-0.0108i
20.3	-2.6444-0.4892i	2.5809+0.3464i	0.1881-0.0270i	-0.2457-0.1458i	-0.3215-0.0189i	-0.3256-0.0228i	-0.3993-0.0124i	-0.4265-0.0045i
20.4	-2.5669-0.4618i	2.5034+0.3301i	0.1789-0.0282i	-0.2276-0.1353i	-0.3126-0.0159i	-0.3164-0.0194i	-0.3879-0.0081i	-0.4154-0.0008i
20.5	-2.4687-0.4385i	2.4082+0.3194i	0.1653-0.0252i	-0.2167-0.1275i	-0.3011-0.0134i	-0.3049-0.0162i	-0.3738-0.0043i	-0.3994+0.0032i
20.6	-2.3747-0.4147i	2.3127+0.3000i	0.1646-0.0225i	-0.2100-0.1212i	-0.2891-0.0091i	-0.2934-0.0122i	-0.3587+0.0013i	-0.3844+0.0085i
20.7	-2.3046-0.3760i	2.2467+0.2709i	0.1575-0.0214i	-0.2035-0.1151i	-0.2813-0.0055i	-0.2854-0.0085i	-0.3489+0.0051i	-0.3738+0.0130i
20.8	-2.2525-0.3574i	2.1962+0.2540i	0.1563-0.0249i	-0.2021-0.1064i	-0.2740-0.0013i	-0.2788-0.0040i	-0.3404+0.0105i	-0.3649+0.0199i
20.9	-2.1755-0.3368i	2.1206+0.2421i	0.1473-0.0223i	-0.1913-0.1045i	-0.2643+0.0018i	-0.2689-0.0005i	-0.3281+0.0156i	-0.3514+0.0237i
21.0	-2.1130-0.3043i	2.0550+0.2105i	0.1419-0.0213i	-0.1887-0.1008i	-0.2549+0.0063i	-0.2584+0.0038i	-0.3157+0.0205i	-0.3383+0.0292i
21.1	-2.0546-0.2905i	1.9958+0.2009i	0.1395-0.0191i	-0.1893-0.0992i	-0.2455+0.0091i	-0.2495+0.0076i	-0.3042+0.0256i	-0.3256+0.0340i
21.2	-1.9904-0.2921i	1.9367+0.2015i	0.1422-0.0269i	-0.1813-0.0998i	-0.2366+0.0113i	-0.2408+0.0086i	-0.2920+0.0283i	-0.3131+0.0374i
21.3	-1.9364-0.2728i	1.8866+0.1760i	0.1382-0.0236i	-0.1770-0.0967i	-0.2288+0.0133i	-0.2333+0.0110i	-0.2818+0.0302i	-0.3029+0.0416i
21.4	-1.8924-0.2578i	1.8364+0.1552i	0.1297-0.0237i	-0.1785-0.0937i	-0.2195+0.0173i	-0.2240+0.0147i	-0.2697+0.0353i	-0.2901+0.0460i
21.5	-1.8513-0.2476i	1.7907+0.1540i	0.1155-0.0310i	-0.1773-0.0996i	-0.2091+0.0190i	-0.2135+0.0175i	-0.2551+0.0386i	-0.2737+0.0502i
21.6	-1.8032-0.2378i	1.7352+0.1441i	0.1100-0.0333i	-0.1825-0.0878i	-0.2016+0.0203i	-0.2050+0.0189i	-0.2452+0.0396i	-0.2626+0.0504i
21.7	-1.7466-0.2111i	1.6735+0.1256i	0.1011-0.0357i	-0.1849-0.0822i	-0.1908+0.0208i	-0.1933+0.0199i	-0.2296+0.0392i	-0.2460+0.0517i
21.8	-1.7092-0.2137i	1.6334+0.1288i	0.0940-0.0372i	-0.1834-0.0751i	-0.1808+0.0177i	-0.1835+0.0172i	-0.2169+0.0348i	-0.2300+0.0479i
21.9	-1.6711-0.2134i	1.5950+0.1430i	0.0918-0.0374i	-0.1791-0.0691i	-0.1722+0.0151i	-0.1752+0.0152i	-0.2062+0.0307i	-0.2165+0.0418i
22.0	-1.6392-0.1828i	1.5536+0.1252i	0.0843-0.0326i	-0.1822-0.0619i	-0.1672+0.0158i	-0.1703+0.0153i	-0.2005+0.0307i	-0.2084+0.0417i
22.1	-1.5968-0.1792i	1.5087+0.1266i	0.0792-0.0275i	-0.1734-0.0577i	-0.1611+0.0139i	-0.1649+0.0127i	-0.1940+0.0280i	-0.2001+0.0380i
22.2	-1.5474-0.1772i	1.4639+0.1273i	0.0777-0.0251i	-0.1694-0.0527i	-0.1545+0.0110i	-0.1579+0.0102i	-0.1854+0.0240i	-0.1909+0.0321i
22.3	-1.5287-0.1476i	1.4472+0.0994i	0.0680-0.0282i	-0.1669-0.0496i	-0.1523+0.0115i	-0.1551+0.0114i	-0.1823+0.0249i	-0.1881+0.0302i
22.4	-1.4768-0.1369i	1.4046+0.0970i	0.0692-0.0229i	-0.1625-0.0410i	-0.1461+0.0105i	-0.1485+0.0106i	-0.1742+0.0239i	-0.1798+0.0267i
22.5	-1.4377-0.1339i	1.3627+0.0886i	0.0609-0.0187i	-0.1613-0.0396i	-0.1413+0.0090i	-0.1431+0.0085i	-0.1673+0.0214i	-0.1725+0.0239i
22.6	-1.3968-0.1326i	1.3287+0.1012i	0.0568-0.0147i	-0.1559-0.0331i	-0.1372+0.0061i	-0.1389+0.0051i	-0.1622+0.0170i	-0.1683+0.0170i
22.7	-1.3807-0.1360i	1.3207+0.1157i	0.0541-0.0188i	-0.1455-0.0266i	-0.1347+0.0017i	-0.1356+0.0020i	-0.1580+0.0117i	-0.1647+0.0107i
22.8	-1.3366-0.1024i	1.2794+0.0871i	0.0584-0.0147i	-0.1405-0.0190i	-0.1292+0.0049i	-0.1314+0.0050i	-0.1517+0.0145i	-0.1587+0.0146i
22.9	-1.2917-0.0931i	1.2314+0.0824i	0.0658-0.0072i	-0.1379-0.0183i	-0.1231+0.0037i	-0.1256+0.0037i	-0.1444+0.0142i	-0.1501+0.0126i
23.0	-1.2617-0.0932i	1.2080+0.0833i	0.0590-0.0084i	-0.1272-0.0179i	-0.1216+0.0017i	-0.1236+0.0020i	-0.1424+0.0105i	-0.1506+0.0083i
23.1	-1.2294-0.1039i	1.1740+0.0856i	0.0585-0.0092i	-0.1251-0.0160i	-0.1178+0.0002i	-0.1196-0.0000i	-0.1372+0.0075i	-0.1439+0.0049i
23.2	-1.2154-0.1044i	1.1643+0.0864i	0.0605-0.0036i	-0.1225-0.0116i	-0.1188-0.0002i	-0.1197-0.0009i	-0.1382+0.0076i	-0.1456+0.0053i
23.3	-1.1868-0.0798i	1.1442+0.0738i	0.0595+0.0011i	-0.1168-0.0104i	-0.1152+0.0014i	-0.1163+0.0010i	-0.1335+0.0089i	-0.1425+0.0066i
23.4	-1.1645-0.0802i	1.1259+0.0725i	0.0545+0.0016i	-0.1139-0.0114i	-0.1131-0.0009i	-0.1144-0.0013i	-0.1321+0.0056i	-0.1395+0.0025i
23.5	-1.1357-0.0683i	1.0991+0.0565i	0.0542-0.0069i	-0.1125-0.0092i	-0.1102-0.0005i	-0.1112-0.0003i	-0.1276+0.0059i	-0.1367+0.0037i
23.6	-1.1169-0.0742i	1.0845+0.0638i	0.0527-0.0044i	-0.1010-0.0119i	-0.1089-0.0010i	-0.1101-0.0009i	-0.1260+0.0046i	-0.1355+0.0029i
23.7	-1.0954-0.0738i	1.0676+0.0639i	0.0523-0.0034i	-0.1018-0.0118i	-0.1063-0.0009i	-0.1070-0.0015i	-0.1240+0.0046i	-0.1336+0.0029i
23.8	-1.0659-0.0702i	1.0447+0.0563i	0.0538-0.0066i	-0.1000-0.0124i	-0.1043-0.0002i	-0.1049-0.0013i	-0.1213+0.0041i	-0.1308+0.0042i
23.9	-1.0563-0.0691i	1.0349+0.0565i	0.0467-0.0017i	-0.1001-0.0103i	-0.1034-0.0010i	-0.1033-0.0018i	-0.1196+0.0039i	-0.1284+0.0027i
24.0	-1.0242-0.0723i	1.0090+0.0642i	0.0486-0.0040i	-0.0927-0.0130i	-0.1013-0.0028i	-0.1010-0.0021i	-0.1162+0.0008i	-0.1255+0.0008i

24.1	-1.0046-0.0620i	0.9810+0.0506i	0.0518-0.0110i	-0.0917-0.0100i	-0.0984-0.0022i	-0.0979-0.0024i	-0.1127+0.0014i	-0.1231+0.0007i
24.2	-0.9922-0.0519i	0.9661+0.0392i	0.0505-0.0084i	-0.0907-0.0104i	-0.0961-0.0021i	-0.0973-0.0021i	-0.1117+0.0014i	-0.1216-0.0003i
24.3	-0.9508-0.0655i	0.9350+0.0439i	0.0448-0.0076i	-0.0862-0.0202i	-0.0923-0.0034i	-0.0928-0.0030i	-0.1069+0.0010i	-0.1156-0.0014i
24.4	-0.9338-0.0582i	0.9233+0.0418i	0.0437-0.0096i	-0.0843-0.0139i	-0.0912-0.0030i	-0.0908-0.0023i	-0.1040+0.0007i	-0.1138-0.0005i
24.5	-0.9258-0.0524i	0.9064+0.0367i	0.0528-0.0039i	-0.0840-0.0167i	-0.0888-0.0011i	-0.0888-0.0011i	-0.1012+0.0018i	-0.1106+0.0020i
24.6	-0.9145-0.0595i	0.8982+0.0367i	0.0487-0.0068i	-0.0833-0.0156i	-0.0877-0.0013i	-0.0882-0.0019i	-0.1004+0.0021i	-0.1106+0.0019i
24.7	-0.8900-0.0428i	0.8802+0.0181i	0.0481-0.0043i	-0.0857-0.0157i	-0.0874-0.0002i	-0.0860-0.0008i	-0.0991+0.0038i	-0.1098+0.0026i
24.8	-0.8656-0.0372i	0.8525+0.0218i	0.0471-0.0039i	-0.0759-0.0179i	-0.0822-0.0006i	-0.0820-0.0004i	-0.0936+0.0046i	-0.1039+0.0039i
24.9	-0.8482-0.0401i	0.8385+0.0112i	0.0479-0.0079i	-0.0747-0.0174i	-0.0814-0.0002i	-0.0807-0.0010i	-0.0927+0.0032i	-0.1013+0.0016i
25.0	-0.8342-0.0375i	0.8262+0.0084i	0.0455-0.0052i	-0.0742-0.0169i	-0.0791-0.0000i	-0.0785-0.0003i	-0.0892+0.0038i	-0.0976+0.0029i
25.1	-0.8284-0.0445i	0.8237+0.0156i	0.0413-0.0065i	-0.0720-0.0193i	-0.0790+0.0009i	-0.0781-0.0004i	-0.0898+0.0031i	-0.0985+0.0028i
25.2	-0.8067-0.0435i	0.8019+0.0086i	0.0458-0.0048i	-0.0731-0.0177i	-0.0771+0.0001i	-0.0754-0.0009i	-0.0862+0.0040i	-0.0950+0.0030i
25.3	-0.7946-0.0521i	0.7889+0.0149i	0.0387-0.0100i	-0.0730-0.0209i	-0.0748-0.0009i	-0.0743-0.0023i	-0.0848+0.0034i	-0.0937+0.0024i
25.4	-0.7792-0.0352i	0.7806+0.0008i	0.0423-0.0119i	-0.0768-0.0229i	-0.0733+0.0013i	-0.0718-0.0004i	-0.0824+0.0041i	-0.0903+0.0047i
25.5	-0.7760-0.0253i	0.7661-0.0206i	0.0396-0.0077i	-0.0748-0.0239i	-0.0719+0.0021i	-0.0697+0.0015i	-0.0803+0.0056i	-0.0872+0.0070i
25.6	-0.7688-0.0242i	0.7465-0.0199i	0.0399-0.0013i	-0.0698-0.0202i	-0.0692+0.0034i	-0.0675+0.0004i	-0.0764+0.0061i	-0.0838+0.0052i
25.7	-0.7437-0.0146i	0.7277-0.0220i	0.0428-0.0049i	-0.0769-0.0198i	-0.0660+0.0022i	-0.0649+0.0010i	-0.0725+0.0057i	-0.0796+0.0046i
25.8	-0.7308-0.0284i	0.7127-0.0056i	0.0393-0.0080i	-0.0745-0.0187i	-0.0641+0.0009i	-0.0634-0.0004i	-0.0706+0.0033i	-0.0786+0.0041i
25.9	-0.7144-0.0180i	0.6949-0.0160i	0.0403-0.0032i	-0.0737-0.0204i	-0.0617+0.0018i	-0.0606-0.0010i	-0.0671+0.0043i	-0.0738+0.0038i
26.0	-0.6998-0.0198i	0.6764-0.0195i	0.0364-0.0040i	-0.0716-0.0102i	-0.0586+0.0017i	-0.0581-0.0010i	-0.0638+0.0036i	-0.0697+0.0041i
26.1	-0.6681-0.0029i	0.6546-0.0260i	0.0385-0.0084i	-0.0700-0.0152i	-0.0567+0.0011i	-0.0547-0.0001i	-0.0605+0.0040i	-0.0687+0.0027i
26.2	-0.6761+0.0033i	0.6677-0.0392i	0.0362-0.0054i	-0.0760-0.0133i	-0.0581+0.0027i	-0.0561+0.0015i	-0.0621+0.0060i	-0.0695+0.0035i
26.3	-0.6567-0.0026i	0.6450-0.0344i	0.0381-0.0098i	-0.0749-0.0135i	-0.0557+0.0025i	-0.0550-0.0004i	-0.0591+0.0040i	-0.0669+0.0025i
26.4	-0.6269-0.0147i	0.6140-0.0257i	0.0347-0.0175i	-0.0726-0.0135i	-0.0506+0.0011i	-0.0491-0.0019i	-0.0533+0.0029i	-0.0604+0.0009i
26.5	-0.6259-0.0016i	0.6069-0.0396i	0.0345-0.0138i	-0.0724-0.0112i	-0.0514+0.0018i	-0.0499-0.0004i	-0.0532+0.0036i	-0.0616+0.0032i
26.6	-0.6109+0.0121i	0.5920-0.0443i	0.0351-0.0115i	-0.0699-0.0085i	-0.0495+0.0035i	-0.0481+0.0004i	-0.0513+0.0051i	-0.0590+0.0047i
26.7	-0.5968+0.0081i	0.5841-0.0416i	0.0333-0.0096i	-0.0737-0.0041i	-0.0475+0.0029i	-0.0459+0.0009i	-0.0487+0.0049i	-0.0565+0.0042i
26.8	-0.5859+0.0124i	0.5740-0.0446i	0.0333-0.0152i	-0.0683-0.0053i	-0.0457+0.0034i	-0.0439+0.0008i	-0.0466+0.0050i	-0.0533+0.0067i
26.9	-0.5663+0.0043i	0.5607-0.0452i	0.0298-0.0171i	-0.0627-0.0032i	-0.0429+0.0013i	-0.0407-0.0012i	-0.0420+0.0025i	-0.0505+0.0026i
27.0	-0.5630+0.0147i	0.5536-0.0514i	0.0323-0.0158i	-0.0620-0.0026i	-0.0413+0.0019i	-0.0401-0.0011i	-0.0413+0.0020i	-0.0472+0.0017i
27.1	-0.5397+0.0184i	0.5351-0.0596i	0.0379-0.0172i	-0.0616-0.0024i	-0.0386+0.0016i	-0.0373-0.0011i	-0.0374+0.0017i	-0.0443+0.0021i
27.2	-0.5412+0.0054i	0.5294-0.0522i	0.0286-0.0192i	-0.0626-0.0053i	-0.0376+0.0007i	-0.0355-0.0032i	-0.0363-0.0004i	-0.0424-0.0009i
27.3	-0.5330+0.0023i	0.5271-0.0481i	0.0319-0.0144i	-0.0611-0.0061i	-0.0375-0.0011i	-0.0351-0.0046i	-0.0351-0.0021i	-0.0412-0.0014i
27.4	-0.5195+0.0057i	0.5087-0.0481i	0.0274-0.0227i	-0.0616-0.0031i	-0.0359-0.0007i	-0.0330-0.0053i	-0.0337-0.0035i	-0.0390-0.0032i
27.5	-0.5176+0.0173i	0.5089-0.0541i	0.0204-0.0187i	-0.0584+0.0012i	-0.0358-0.0013i	-0.0331-0.0049i	-0.0326-0.0034i	-0.0388-0.0035i
27.6	-0.4936+0.0171i	0.4970-0.0700i	0.0212-0.0232i	-0.0558-0.0062i	-0.0350-0.0007i	-0.0318-0.0047i	-0.0317-0.0031i	-0.0378-0.0024i
27.7	-0.4862+0.0286i	0.4823-0.0831i	0.0236-0.0258i	-0.0574+0.0021i	-0.0329+0.0005i	-0.0298-0.0048i	-0.0296-0.0018i	-0.0358+0.0004i
27.8	-0.4747+0.0258i	0.4704-0.0839i	0.0228-0.0278i	-0.0570-0.0032i	-0.0317-0.0008i	-0.0292-0.0060i	-0.0281-0.0040i	-0.0336-0.0037i
27.9	-0.4598+0.0353i	0.4364-0.0936i	0.0183-0.0279i	-0.0587+0.0026i	-0.0288-0.0003i	-0.0274-0.0062i	-0.0250-0.0035i	-0.0289-0.0038i
28.0	-0.4372+0.0435i	0.4181-0.1039i	0.0196-0.0277i	-0.0507-0.0004i	-0.0272+0.0000i	-0.0263-0.0053i	-0.0234-0.0026i	-0.0282-0.0029i
28.1	-0.4246+0.0402i	0.4086-0.1097i	0.0073-0.0212i	-0.0537-0.0004i	-0.0267+0.0009i	-0.0260-0.0054i	-0.0246-0.0024i	-0.0295-0.0038i
28.2	-0.4182+0.0540i	0.3874-0.1229i	0.0074-0.0256i	-0.0506+0.0026i	-0.0254+0.0014i	-0.0261-0.0039i	-0.0237-0.0004i	-0.0283-0.0017i
28.3	-0.4116+0.0486i	0.3708-0.1184i	0.0067-0.0216i	-0.0541-0.0060i	-0.0253+0.0006i	-0.0247-0.0055i	-0.0219-0.0016i	-0.0257-0.0024i
28.4	-0.3762+0.0554i	0.3385-0.1154i	-0.0015-0.0177i	-0.0491+0.0044i	-0.0223+0.0016i	-0.0229-0.0047i	-0.0182-0.0004i	-0.0250-0.0028i
28.5	-0.3740+0.0469i	0.3318-0.1074i	-0.0002-0.0174i	-0.0572-0.0024i	-0.0202+0.0002i	-0.0219-0.0051i	-0.0171-0.0015i	-0.0200-0.0026i
28.6	-0.3701+0.0399i	0.3203-0.0979i	-0.0039-0.0118i	-0.0441+0.0002i	-0.0199+0.0005i	-0.0216-0.0055i	-0.0159-0.0023i	-0.0214-0.0030i
28.7	-0.3541+0.0504i	0.3037-0.0997i	-0.0017-0.0118i	-0.0438-0.0027i	-0.0183+0.0025i	-0.0200-0.0052i	-0.0139+0.0006i	-0.0209-0.0005i
28.8	-0.3255+0.0354i	0.2793-0.0928i	-0.0003-0.0018i	-0.0382+0.0011i	-0.0140+0.0010i	-0.0165-0.0042i	-0.0083-0.0017i	-0.0159-0.0016i
28.9	-0.3160+0.0405i	0.2686-0.0865i	-0.0030-0.0102i	-0.0451-0.0018i	-0.0145+0.0017i	-0.0157-0.0034i	-0.0080-0.0000i	-0.0132-0.0008i
29.0	-0.3074+0.0405i	0.2649-0.0815i	-0.0030-0.0083i	-0.0373-0.0017i	-0.0130+0.0018i	-0.0157-0.0024i	-0.0075-0.0004i	-0.0125+0.0001i
29.1	-0.3020+0.0362i	0.2517-0.0725i	-0.0088-0.0088i	-0.0413+0.0009i	-0.0105+0.0026i	-0.0134-0.0019i	-0.0048+0.0002i	-0.0102+0.0006i
29.2	-0.2894+0.0407i	0.2346-0.0724i	0.0086-0.0071i	-0.0441-0.0018i	-0.0082+0.0029i	-0.0110-0.0019i	0.0002+0.0014i	-0.0051+0.0034i
29.3	-0.2778+0.0324i	0.2335-0.0667i	-0.0012-0.0012i	-0.0339+0.0077i	-0.0071+0.0025i	-0.0091-0.0030i	0.0005-0.0003i	-0.0037+0.0015i
29.4	-0.2750+0.0272i	0.2254-0.0650i	-0.0009-0.0015i	-0.0362+0.0014i	-0.0063+0.0015i	-0.0088-0.0032i	0.0016-0.0014i	-0.0038+0.0017i
29.5	-0.2596+0.0252i	0.2177-0.0606i	-0.0056-0.0070i	-0.0429+0.0046i	-0.0050+0.0001i	-0.0072-0.0030i	0.0031-0.0031i	0.0008-0.0002i
29.6	-0.2545+0.0260i	0.2028-0.0594i	-0.0017-0.0009i	-0.0378-0.0015i	-0.0030+0.0004i	-0.0050-0.0040i	0.0044-0.0034i	0.0029-0.0021i
29.7	-0.2436+0.0227i	0.2001-0.0508i	-0.0016-0.0030i	-0.0336-0.0025i	-0.0008+0.0000i	-0.0046-0.0047i	0.0063-0.0036i	0.0037-0.0004i
29.8	-0.2279+0.0264i	0.1840-0.0525i	-0.0026+0.0048i	-0.0358+0.0040i	0.0002-0.0000i	-0.0038-0.0033i	0.0092-0.0039i	0.0089+0.0005i
29.9	-0.2215+0.0193i	0.1801-0.0355i	-0.0070-0.0047i	-0.0345+0.0016i	0.0058-0.0029i	0.0032-0.0052i	0.0163-0.0057i	0.0168-0.0051i
30.0	-0.1975+0.0204i	0.1587-0.0396i	0.0020-0.0002i	-0.0343-0.0056i	0.0063-0.0011i	0.0035-0.0044i	0.0167-0.0043i	0.0173-0.0032i
30.1	-0.1816+0.0114i	0.1398-0.0313i	-0.0006-0.0007i	-0.0271+0.0008i	0.0093+0.0006i	0.0057-0.0026i	0.0193-0.0025i	0.0208-0.0011i
30.2	-0.1831+0.0132i	0.1376-0.0287i	0.0030-0.0082i	-0.0314-0.0074i	0.0088-0.0011i	0.0064-0.0040i	0.0213-0.0037i	0.0221-0.0027i
30.3	-0.1798+0.0127i	0.1383-0.0156i	-0.0112-0.0065i	-0.0309+0.0008i	0.0096-0.0014i	0.0071-0.0036i	0.0217-0.0046i	0.0222-0.0044i

30.4	-0.1665+0.0134i	0.1310-0.0246i	0.0030-0.0051i	-0.0259-0.0007i	0.0122-0.0005i	0.0088-0.0025i	0.0249-0.0023i	0.0285-0.0041i
30.5	-0.1572+0.0156i	0.1204-0.0308i	0.0060-0.0090i	-0.0249-0.0044i	0.0137-0.0011i	0.0103-0.0025i	0.0255-0.0020i	0.0281-0.0039i
30.6	-0.1590+0.0075i	0.1149-0.0156i	0.0032-0.0002i	-0.0188-0.0008i	0.0150-0.0024i	0.0129-0.0041i	0.0293-0.0037i	0.0316-0.0073i
30.7	-0.1388-0.0016i	0.1084-0.0010i	-0.0009-0.0015i	-0.0212-0.0012i	0.0190-0.0049i	0.0157-0.0058i	0.0327-0.0076i	0.0344-0.0098i
30.8	-0.1358-0.0009i	0.1007-0.0043i	-0.0007-0.0051i	-0.0269+0.0090i	0.0194-0.0039i	0.0174-0.0053i	0.0352-0.0065i	0.0382-0.0088i
30.9	-0.1267+0.0022i	0.0984-0.0036i	0.0063-0.0012i	-0.0249-0.0034i	0.0204-0.0023i	0.0180-0.0035i	0.0374-0.0039i	0.0400-0.0081i
31.0	-0.1201-0.0023i	0.0860+0.0043i	-0.0013-0.0043i	-0.0238-0.0026i	0.0219-0.0040i	0.0197-0.0049i	0.0387-0.0056i	0.0402-0.0099i
31.1	-0.1152-0.0105i	0.0836-0.0024i	0.0012+0.0088i	-0.0182-0.0018i	0.0235-0.0047i	0.0224-0.0042i	0.0408-0.0059i	0.0416-0.0102i
31.2	-0.0966-0.0207i	0.0820+0.0146i	-0.0014+0.0008i	-0.0246-0.0074i	0.0247-0.0059i	0.0245-0.0065i	0.0425-0.0078i	0.0467-0.0129i
31.3	-0.0927-0.0123i	0.0799+0.0113i	0.0068+0.0095i	-0.0167-0.0055i	0.0265-0.0060i	0.0243-0.0079i	0.0457-0.0089i	0.0490-0.0105i
31.4	-0.0920-0.0299i	0.0741+0.0217i	0.0058-0.0097i	-0.0167-0.0070i	0.0283-0.0085i	0.0268-0.0083i	0.0477-0.0107i	0.0482-0.0132i
31.5	-0.0938-0.0248i	0.0739+0.0111i	-0.0016+0.0002i	-0.0160-0.0095i	0.0293-0.0077i	0.0285-0.0087i	0.0493-0.0123i	0.0546-0.0155i
31.6	-0.0793-0.0211i	0.0697+0.0064i	0.0046+0.0055i	-0.0180-0.0116i	0.0302-0.0075i	0.0308-0.0075i	0.0529-0.0099i	0.0570-0.0129i
31.7	-0.0684-0.0264i	0.0475+0.0094i	-0.0033+0.0006i	-0.0160-0.0168i	0.0346-0.0074i	0.0351-0.0082i	0.0572-0.0128i	0.0616-0.0144i
31.8	-0.0613-0.0328i	0.0476+0.0156i	-0.0006-0.0007i	-0.0125-0.0143i	0.0365-0.0087i	0.0362-0.0100i	0.0588-0.0136i	0.0630-0.0172i
31.9	-0.0440-0.0330i	0.0424+0.0226i	0.0034-0.0012i	-0.0118-0.0055i	0.0386-0.0094i	0.0379-0.0101i	0.0611-0.0135i	0.0690-0.0167i
32.0	-0.0467-0.0346i	0.0381+0.0270i	0.0001-0.0072i	-0.0114-0.0081i	0.0417-0.0117i	0.0410-0.0127i	0.0653-0.0185i	0.0717-0.0216i
32.1	-0.0351-0.0476i	0.0305+0.0278i	0.0032+0.0042i	-0.0117-0.0085i	0.0410-0.0134i	0.0413-0.0129i	0.0658-0.0187i	0.0715-0.0258i
32.2	-0.0259-0.0510i	0.0243+0.0320i	-0.0029-0.0059i	-0.0148-0.0146i	0.0427-0.0156i	0.0432-0.0146i	0.0683-0.0212i	0.0747-0.0280i
32.3	-0.0256-0.0515i	0.0295+0.0278i	0.0073-0.0043i	-0.0141-0.0143i	0.0450-0.0144i	0.0449-0.0142i	0.0713-0.0210i	0.0775-0.0259i
32.4	-0.0235-0.0504i	0.0157+0.0246i	0.0035-0.0078i	-0.0142-0.0152i	0.0453-0.0138i	0.0464-0.0143i	0.0727-0.0191i	0.0784-0.0256i
32.5	-0.0113-0.0491i	0.0101+0.0228i	0.0058-0.0036i	-0.0238-0.0091i	0.0471-0.0140i	0.0477-0.0142i	0.0754-0.0183i	0.0788-0.0257i
32.6	-0.0110-0.0601i	0.0018+0.0376i	0.0014-0.0059i	-0.0219-0.0184i	0.0500-0.0155i	0.0504-0.0167i	0.0807-0.0218i	0.0832-0.0286i
32.7	0.0026-0.0625i	0.0035+0.0344i	0.0067-0.0048i	-0.0220-0.0195i	0.0506-0.0163i	0.0520-0.0168i	0.0822-0.0219i	0.0853-0.0302i
32.8	0.0089-0.0637i	-0.0107+0.0305i	0.0096-0.0054i	-0.0159-0.0172i	0.0539-0.0165i	0.0545-0.0175i	0.0870-0.0229i	0.0907-0.0307i
32.9	0.0261-0.0664i	-0.0294+0.0395i	0.0095-0.0155i	-0.0182-0.0134i	0.0576-0.0186i	0.0582-0.0200i	0.0908-0.0275i	0.0973-0.0346i
33.0	0.0340-0.0714i	-0.0264+0.0422i	0.0060-0.0159i	-0.0220-0.0139i	0.0595-0.0193i	0.0601-0.0202i	0.0959-0.0272i	0.0977-0.0353i
33.1	0.0267-0.0687i	-0.0284+0.0365i	0.0031-0.0104i	-0.0161-0.0127i	0.0594-0.0192i	0.0604-0.0205i	0.0931-0.0263i	0.1023-0.0362i
33.2	0.0353-0.0931i	-0.0301+0.0505i	0.0019-0.0131i	-0.0137-0.0250i	0.0605-0.0236i	0.0617-0.0247i	0.0962-0.0345i	0.1003-0.0433i
33.3	0.0342-0.0998i	-0.0386+0.0523i	0.0018-0.0185i	-0.0203-0.0186i	0.0607-0.0258i	0.0624-0.0270i	0.0969-0.0370i	0.0974-0.0460i
33.4	0.0377-0.1011i	-0.0392+0.0533i	-0.0053-0.0086i	-0.0265-0.0265i	0.0609-0.0264i	0.0630-0.0288i	0.0997-0.0413i	0.1014-0.0468i
33.5	0.0308-0.1088i	-0.0368+0.0596i	-0.0022-0.0089i	-0.0242-0.0291i	0.0623-0.0282i	0.0633-0.0302i	0.0986-0.0442i	0.1025-0.0490i
33.6	0.0228-0.1043i	-0.0382+0.0628i	-0.0085-0.0149i	-0.0240-0.0199i	0.0601-0.0261i	0.0615-0.0292i	0.0973-0.0410i	0.0966-0.0486i
33.7	0.0217-0.0811i	-0.0472+0.0452i	-0.0066-0.0052i	-0.0392-0.0137i	0.0597-0.0246i	0.0618-0.0257i	0.0981-0.0407i	0.0975-0.0421i
33.8	0.0153-0.0838i	-0.0437+0.0514i	-0.0123-0.0086i	-0.0397-0.0124i	0.0615-0.0237i	0.0628-0.0261i	0.0980-0.0384i	0.0984-0.0408i
33.9	0.0182-0.0647i	-0.0442+0.0532i	-0.0130-0.0030i	-0.0358-0.0097i	0.0609-0.0224i	0.0627-0.0232i	0.0975-0.0374i	0.1002-0.0397i
34.0	0.0516-0.0417i	-0.0714+0.0440i	-0.0029+0.0021i	-0.0205+0.0121i	0.0664-0.0139i	0.0685-0.0155i	0.1090-0.0250i	0.1118-0.0272i
34.1	0.0900-0.0328i	-0.0807+0.0260i	-0.0139+0.0080i	-0.0202+0.0020i	0.0726-0.0092i	0.0772-0.0116i	0.1175-0.0182i	0.1192-0.0181i
34.2	0.1004-0.0197i	-0.0941+0.0229i	-0.0068+0.0164i	-0.0136-0.0029i	0.0795-0.0078i	0.0842-0.0095i	0.1277-0.0176i	0.1311-0.0141i
34.3	0.1521-0.0308i	-0.1159+0.0461i	0.0126+0.0008i	0.0027-0.0010i	0.0934-0.0113i	0.0971-0.0135i	0.1466-0.0256i	0.1524-0.0209i
34.4	0.1771-0.0570i	-0.1353+0.0471i	0.0171+0.0135i	-0.0075-0.0031i	0.1017-0.0145i	0.1051-0.0167i	0.1572-0.0320i	0.1671-0.0262i
34.5	0.2046-0.0701i	-0.1619+0.0535i	0.0255+0.0115i	-0.0064-0.0031i	0.1086-0.0176i	0.1137-0.0219i	0.1680-0.0408i	0.1801-0.0275i
34.6	0.2321-0.0928i	-0.1750+0.0525i	0.0366+0.0084i	-0.0030-0.0119i	0.1191-0.0205i	0.1240-0.0252i	0.1834-0.0448i	0.1958-0.0354i
34.7	0.2631-0.1204i	-0.1845+0.0803i	0.0324+0.0011i	0.0023-0.0053i	0.1276-0.0286i	0.1330-0.0344i	0.1939-0.0584i	0.2093-0.0475i
34.8	0.2708-0.1523i	-0.1926+0.0909i	0.0380-0.0085i	-0.0026-0.0136i	0.1312-0.0386i	0.1367-0.0439i	0.1975-0.0749i	0.2190-0.0638i
34.9	0.2740-0.1714i	-0.1904+0.1041i	0.0339-0.0159i	-0.0023-0.0090i	0.1328-0.0454i	0.1371-0.0511i	0.1986-0.0825i	0.2235-0.0750i
35.0	0.2796-0.2098i	-0.1916+0.1239i	0.0280-0.0320i	-0.0007-0.0101i	0.1363-0.0522i	0.1412-0.0586i	0.2025-0.0948i	0.2250-0.0842i
35.1	0.2848-0.2371i	-0.2082+0.1344i	0.0274-0.0313i	0.0044-0.0142i	0.1422-0.0598i	0.1474-0.0669i	0.2091-0.1083i	0.2351-0.0959i
35.2	0.2786-0.2746i	-0.2081+0.1540i	0.0235-0.0333i	0.0037-0.0248i	0.1418-0.0688i	0.1470-0.0774i	0.2070-0.1253i	0.2369-0.1089i
35.3	0.2801-0.2912i	-0.2040+0.1632i	0.0246-0.0329i	-0.0003-0.0243i	0.1438-0.0740i	0.1477-0.0850i	0.2069-0.1344i	0.2400-0.1200i
35.4	0.2865-0.3345i	-0.2245+0.1809i	0.0165-0.0381i	0.0140-0.0374i	0.1531-0.0847i	0.1561-0.0950i	0.2147-0.1503i	0.2589-0.1369i
35.5	0.2745-0.3519i	-0.2187+0.1960i	0.0168-0.0456i	0.0064-0.0301i	0.1527-0.0917i	0.1540-0.0999i	0.2085-0.1605i	0.2629-0.1461i
35.6	0.2591-0.3773i	-0.2103+0.1960i	0.0101-0.0419i	0.0020-0.0363i	0.1490-0.0993i	0.1513-0.1112i	0.2010-0.1733i	0.2593-0.1615i
35.7	0.2206-0.3804i	-0.1945+0.2030i	0.0102-0.0410i	0.0038-0.0482i	0.1417-0.1053i	0.1441-0.1168i	0.1887-0.1800i	0.2499-0.1724i
35.8	0.2181-0.4027i	-0.2021+0.2122i	0.0137-0.0470i	-0.0033-0.0523i	0.1457-0.1126i	0.1453-0.1252i	0.1870-0.1910i	0.2576-0.1895i
35.9	0.2031-0.4397i	-0.1936+0.2445i	0.0138-0.0648i	0.0083-0.0522i	0.1460-0.1265i	0.1444-0.1395i	0.1819-0.2126i	0.2613-0.2127i
36.0	0.1692-0.4514i	-0.1811+0.2478i	0.0061-0.0564i	-0.0114-0.0541i	0.1369-0.1313i	0.1353-0.1423i	0.1627-0.2146i	0.2509-0.2171i
36.1	0.1665-0.4613i	-0.1888+0.2550i	0.0047-0.0569i	-0.0100-0.0612i	0.1418-0.1368i	0.1394-0.1490i	0.1647-0.2186i	0.2578-0.2335i
36.2	0.1536-0.4824i	-0.1853+0.2640i	-0.0104-0.0739i	-0.0179-0.0604i	0.1386-0.1488i	0.1353-0.1613i	0.1568-0.2324i	0.2570-0.2566i
36.3	0.1411-0.4818i	-0.1812+0.2638i	0.0041-0.0662i	-0.0199-0.0611i	0.1392-0.1507i	0.1334-0.1634i	0.1508-0.2309i	0.2614-0.2628i
36.4	0.1185-0.4749i	-0.1755+0.2622i	-0.0074-0.0623i	-0.0207-0.0637i	0.1353-0.1476i	0.1298-0.1603i	0.1450-0.2235i	0.2589-0.2648i
36.5	0.0980-0.4936i	-0.1726+0.2736i	-0.0207-0.0781i	-0.0279-0.0652i	0.1313-0.1626i	0.1263-0.1732i	0.1345-0.2341i	0.2544-0.2941i
36.6	0.0757-0.5057i	-0.1697+0.2883i	-0.0262-0.0801i	-0.0311-0.0719i	0.1337-0.1702i	0.1252-0.1810i	0.1311-0.2404i	0.2578-0.3159i

36.7	0.0568−0.5022i	−0.1771+0.2903i	−0.0372−0.0820i	−0.0380−0.0586i	0.1301−0.1788i	0.1225−0.1877i	0.1248−0.2452i	0.2537−0.3323i
36.8	0.0411−0.5057i	−0.1599+0.2890i	−0.0446−0.0799i	−0.0395−0.0570i	0.1281−0.1812i	0.1192−0.1920i	0.1221−0.2449i	0.2480−0.3455i
36.9	0.0326−0.4975i	−0.1623+0.2870i	−0.0433−0.0762i	−0.0332−0.0559i	0.1246−0.1823i	0.1164−0.1934i	0.1152−0.2356i	0.2436−0.3525i
37.0	0.0135−0.4967i	−0.1442+0.2979i	−0.0618−0.0743i	−0.0394−0.0567i	0.1172−0.1947i	0.1089−0.2043i	0.1026−0.2415i	0.2273−0.3862i
37.1	−0.0052−0.4973i	−0.1527+0.3091i	−0.0613−0.0679i	−0.0412−0.0614i	0.1153−0.2062i	0.1045−0.2145i	0.1000−0.2495i	0.2252−0.4135i
37.2	−0.0356−0.5098i	−0.1377+0.3158i	−0.0672−0.0808i	−0.0460−0.0603i	0.1109−0.2136i	0.0988−0.2215i	0.0944−0.2430i	0.2147−0.4390i
37.3	−0.0544−0.5003i	−0.1196+0.3217i	−0.0671−0.0847i	−0.0530−0.0648i	0.1037−0.2179i	0.0905−0.2266i	0.0874−0.2462i	0.1949−0.4531i
37.4	−0.0468−0.4836i	−0.1331+0.3214i	−0.0733−0.0625i	−0.0396−0.0647i	0.1018−0.2237i	0.0892−0.2297i	0.0922−0.2421i	0.1860−0.4705i
37.5	−0.0685−0.4869i	−0.1291+0.3225i	−0.0754−0.0613i	−0.0460−0.0531i	0.0943−0.2314i	0.0817−0.2384i	0.0874−0.2395i	0.1668−0.4938i
37.6	−0.0827−0.4772i	−0.1177+0.3232i	−0.0952−0.0600i	−0.0520−0.0694i	0.0865−0.2344i	0.0730−0.2409i	0.0894−0.2337i	0.1406−0.5117i
37.7	−0.1100−0.4789i	−0.1280+0.3214i	−0.0820−0.0498i	−0.0540−0.0707i	0.0849−0.2386i	0.0699−0.2438i	0.1036−0.2268i	0.1200−0.5299i
37.8	−0.1157−0.4726i	−0.1204+0.3309i	−0.0910−0.0427i	−0.0669−0.0639i	0.0813−0.2481i	0.0663−0.2536i	0.1151−0.2320i	0.0904−0.5560i
37.9	−0.1425−0.4654i	−0.1175+0.3217i	−0.0848−0.0418i	−0.0697−0.0710i	0.0712−0.2515i	0.0550−0.2547i	0.1217−0.2287i	0.0512−0.5594i
38.0	−0.1721−0.4395i	−0.1040+0.3302i	−0.0852−0.0272i	−0.0723−0.0791i	0.0536−0.2585i	0.0363−0.2592i	0.1234−0.2386i	−0.0051−0.5710i
38.1	−0.1698−0.4152i	−0.0982+0.3318i	−0.0818−0.0239i	−0.1079−0.0749i	0.0431−0.2618i	0.0282−0.2596i	0.1277−0.2512i	−0.0444−0.5657i
38.2	−0.1857−0.3952i	−0.0946+0.3275i	−0.0754−0.0289i	−0.1092−0.0602i	0.0331−0.2590i	0.0189−0.2569i	0.1337−0.2560i	−0.0788−0.5476i
38.3	−0.1902−0.3712i	−0.0857+0.3317i	−0.0793−0.0330i	−0.1249−0.0472i	0.0187−0.2577i	0.0058−0.2540i	0.1352−0.2727i	−0.1216−0.5243i
38.4	−0.2005−0.3695i	−0.0796+0.3311i	−0.0861−0.0337i	−0.1244−0.0292i	0.0104−0.2616i	−0.0054−0.2558i	0.1362−0.2915i	−0.1560−0.5117i
38.5	−0.1938−0.3661i	−0.0769+0.3504i	−0.0773−0.0359i	−0.1318−0.0180i	0.0100−0.2627i	−0.0041−0.2576i	0.1501−0.3151i	−0.1669−0.4935i
38.6	−0.1993−0.3505i	−0.0720+0.3409i	−0.0855−0.0411i	−0.1260−0.0097i	0.0028−0.2636i	−0.0099−0.2567i	0.1491−0.3436i	−0.1867−0.4645i
38.7	−0.1932−0.3395i	−0.0654+0.3327i	−0.0933−0.0397i	−0.1182−0.0005i	−0.0029−0.2656i	−0.0142−0.2586i	0.1473−0.3637i	−0.2015−0.4521i
38.8	−0.2177−0.3230i	−0.0568+0.3455i	−0.1093−0.0362i	−0.1155+0.0172i	−0.0128−0.2715i	−0.0230−0.2644i	0.1278−0.3977i	−0.2109−0.4326i
38.9	−0.2194−0.2978i	−0.0556+0.3298i	−0.1189−0.0383i	−0.1250+0.0138i	−0.0147−0.2654i	−0.0248−0.2544i	0.1178−0.4094i	−0.2069−0.3965i
39.0	−0.1996−0.2916i	−0.0552+0.3300i	−0.1210−0.0301i	−0.1224+0.0181i	−0.0208−0.2660i	−0.0300−0.2546i	0.1008−0.4236i	−0.2083−0.3822i
39.1	−0.2004−0.2550i	−0.0382+0.3345i	−0.1308−0.0216i	−0.1063+0.0324i	−0.0376−0.2674i	−0.0452−0.2562i	0.0590−0.4412i	−0.2161−0.3727i
39.2	−0.2123−0.2526i	−0.0308+0.3224i	−0.1337−0.0188i	−0.1066+0.0373i	−0.0524−0.2666i	−0.0579−0.2541i	0.0225−0.4520i	−0.2214−0.3550i
39.3	−0.1978−0.2249i	−0.0190+0.3156i	−0.1371−0.0030i	−0.0947+0.0437i	−0.0671−0.2598i	−0.0691−0.2478i	−0.0094−0.4534i	−0.2308−0.3346i
39.4	−0.1915−0.2113i	−0.0213+0.3152i	−0.1450+0.0028i	−0.0946+0.0482i	−0.0719−0.2567i	−0.0736−0.2448i	−0.0298−0.4529i	−0.2228−0.3218i
39.5	−0.1878−0.2135i	−0.0197+0.3027i	−0.1414+0.0121i	−0.0828+0.0551i	−0.0761−0.2541i	−0.0784−0.2427i	−0.0453−0.4550i	−0.2229−0.3141i
39.6	−0.1783−0.1850i	−0.0086+0.3107i	−0.1463+0.0230i	−0.0755+0.0659i	−0.0921−0.2539i	−0.0919−0.2426i	−0.0875−0.4599i	−0.2245−0.3085i
39.7	−0.1736−0.1649i	−0.0172+0.2954i	−0.1494+0.0308i	−0.0796+0.0526i	−0.1005−0.2451i	−0.0997−0.2328i	−0.1117−0.4431i	−0.2275−0.2945i
39.8	−0.1586−0.1619i	0.0010+0.2892i	−0.1346+0.0378i	−0.0540+0.0476i	−0.1072−0.2323i	−0.1032−0.2225i	−0.1298−0.4190i	−0.2261−0.2796i
39.9	−0.1557−0.1482i	0.0019+0.2763i	−0.1439+0.0595i	−0.0573+0.0539i	−0.1180−0.2261i	−0.1145−0.2158i	−0.1495−0.4072i	−0.2403−0.2729i
40.0	−0.1462−0.1348i	0.0107+0.2614i	−0.1305+0.0695i	−0.0470+0.0462i	−0.1247−0.2164i	−0.1220−0.2081i	−0.1683−0.3976i	−0.2401−0.2534i
40.1	−0.1286−0.1277i	0.0021+0.2526i	−0.1146+0.0645i	−0.0506+0.0396i	−0.1274−0.2035i	−0.1223−0.1969i	−0.1811−0.3715i	−0.2355−0.2455i
40.2	−0.1170−0.1293i	0.0096+0.2378i	−0.1108+0.0693i	−0.0544+0.0277i	−0.1296−0.1875i	−0.1249−0.1816i	−0.1942−0.3414i	−0.2332−0.2255i
40.3	−0.1180−0.1082i	0.0034+0.2285i	−0.1156+0.0788i	−0.0438+0.0326i	−0.1375−0.1831i	−0.1314−0.1770i	−0.2053−0.3314i	−0.2350−0.2194i
40.4	−0.0878−0.1004i	0.0037+0.2364i	−0.1081+0.0790i	−0.0434+0.0308i	−0.1328−0.1778i	−0.1274−0.1701i	−0.2056−0.3201i	−0.2275−0.2140i
40.5	−0.0755−0.1082i	−0.0246+0.2008i	−0.0859+0.0842i	−0.0544+0.0342i	−0.1333−0.1651i	−0.1259−0.1613i	−0.2082−0.2968i	−0.2226−0.2032i
40.6	−0.0774−0.1040i	−0.0231+0.2062i	−0.1049+0.0823i	−0.0608+0.0336i	−0.1339−0.1575i	−0.1299−0.1534i	−0.2173−0.2849i	−0.2276−0.1917i
40.7	−0.0646−0.0998i	−0.0265+0.2181i	−0.0837+0.0858i	−0.0384+0.0391i	−0.1376−0.1550i	−0.1288−0.1507i	−0.2194−0.2785i	−0.2269−0.1893i
40.8	−0.0591−0.0958i	−0.0279+0.1956i	−0.0891+0.0846i	−0.0549+0.0391i	−0.1333−0.1486i	−0.1269−0.1449i	−0.2175−0.2682i	−0.2178−0.1806i
40.9	−0.0414−0.0923i	−0.0320+0.1937i	−0.0874+0.0817i	−0.0499+0.0394i	−0.1329−0.1363i	−0.1258−0.1343i	−0.2181−0.2469i	−0.2110−0.1689i
41.0	−0.0303−0.0770i	−0.0396+0.1782i	−0.0674+0.0766i	−0.0408+0.0321i	−0.1351−0.1246i	−0.1287−0.1238i	−0.2264−0.2190i	−0.2143−0.1565i
41.1	−0.0244−0.0752i	−0.0355+0.1715i	−0.0716+0.0684i	−0.0482+0.0349i	−0.1301−0.1213i	−0.1235−0.1200i	−0.2175−0.2150i	−0.2039−0.1528i
41.2	−0.0136−0.0842i	−0.0459+0.1737i	−0.0653+0.0750i	−0.0482+0.0437i	−0.1291−0.1168i	−0.1207−0.1173i	−0.2176−0.2086i	−0.1969−0.1502i
41.3	−0.0057−0.0817i	−0.0499+0.1693i	−0.0653+0.0816i	−0.0477+0.0497i	−0.1263−0.1126i	−0.1180−0.1130i	−0.2185−0.1982i	−0.1957−0.1446i
41.4	0.0053−0.0831i	−0.0581+0.1602i	−0.0696+0.0627i	−0.0436+0.0474i	−0.1198−0.1031i	−0.1127−0.1040i	−0.2083−0.1788i	−0.1803−0.1343i
41.5	0.0162−0.0946i	−0.0645+0.1590i	−0.0677+0.0758i	−0.0387+0.0560i	−0.1143−0.0997i	−0.1053−0.1003i	−0.1996−0.1718i	−0.1743−0.1311i
41.6	0.0200−0.0923i	−0.0668+0.1614i	−0.0697+0.0812i	−0.0321+0.0389i	−0.1127−0.0984i	−0.1044−0.1004i	−0.1985−0.1692i	−0.1702−0.1315i
41.7	0.0290−0.0820i	−0.0858+0.1457i	−0.0693+0.0702i	−0.0329+0.0367i	−0.1078−0.0903i	−0.0996−0.0923i	−0.1891−0.1559i	−0.1632−0.1220i
41.8	0.0452−0.0738i	−0.0913+0.1542i	−0.0661+0.0756i	−0.0373+0.0433i	−0.1040−0.0884i	−0.0945−0.0923i	−0.1824−0.1470i	−0.1528−0.1228i
41.9	0.0518−0.0798i	−0.1033+0.1551i	−0.0637+0.0736i	−0.0457+0.0570i	−0.0993−0.0898i	−0.0908−0.0932i	−0.1796−0.1483i	−0.1487−0.1302i
42.0	0.0622−0.0865i	−0.1116+0.1433i	−0.0688+0.0796i	−0.0322+0.0582i	−0.0981−0.0858i	−0.0906−0.0901i	−0.1810−0.1350i	−0.1458−0.1265i
42.1	0.0713−0.0932i	−0.1014+0.1514i	−0.0568+0.0910i	−0.0375+0.0524i	−0.0961−0.0866i	−0.0888−0.0922i	−0.1774−0.1313i	−0.1433−0.1365i
42.2	0.0705−0.0890i	−0.1358+0.1231i	−0.0709+0.0837i	−0.0348+0.0456i	−0.0910−0.0793i	−0.0834−0.0842i	−0.1622−0.1110i	−0.1418−0.1331i
42.3	0.0965−0.0969i	−0.1450+0.1300i	−0.0667+0.0954i	−0.0489+0.0468i	−0.0853−0.0812i	−0.0783−0.0882i	−0.1511−0.1160i	−0.1350−0.1380i
42.4	0.1037−0.1002i	−0.1440+0.1453i	−0.0711+0.0909i	−0.0369+0.0559i	−0.0862−0.0832i	−0.0797−0.0914i	−0.1540−0.1201i	−0.1363−0.1439i
42.5	0.1011−0.0924i	−0.1543+0.1482i	−0.0546+0.0970i	−0.0270+0.0472i	−0.0871−0.0823i	−0.0808−0.0900i	−0.1464−0.1122i	−0.1441−0.1451i
42.6	0.1126−0.0935i	−0.1668+0.1519i	−0.0525+0.0944i	−0.0467+0.0689i	−0.0824−0.0758i	−0.0772−0.0844i	−0.1359−0.1073i	−0.1477−0.1331i
42.7	0.1205−0.0936i	−0.1746+0.1597i	−0.0398+0.0894i	−0.0402+0.0724i	−0.0805−0.0771i	−0.0754−0.0864i	−0.1324−0.1100i	−0.1433−0.1337i
42.8	0.1255−0.1110i	−0.1785+0.1503i	−0.0384+0.0823i	−0.0292+0.0761i	−0.0820−0.0753i	−0.0775−0.0841i	−0.1319−0.1080i	−0.1510−0.1272i
42.9	0.1282−0.0933i	−0.1855+0.1579i	−0.0438+0.0978i	−0.0201+0.0770i	−0.0794−0.0724i	−0.0761−0.0822i	−0.1264−0.1081i	−0.1492−0.1233i

43.0	0.1321-0.0875i	-0.1962+0.1466i	-0.0547+0.0743i	-0.0246+0.0731i	-0.0775-0.0680i	-0.0733-0.0765i	-0.1289-0.1021i	-0.1375-0.1131i
43.1	0.1520-0.1059i	-0.2020+0.1542i	-0.0542+0.0881i	-0.0279+0.0783i	-0.0700-0.0698i	-0.0659-0.0809i	-0.1152-0.1011i	-0.1338-0.1190i
43.2	0.1524-0.1025i	-0.2016+0.1702i	-0.0505+0.0992i	-0.0173+0.0943i	-0.0689-0.0721i	-0.0649-0.0818i	-0.1072-0.1038i	-0.1321-0.1213i
43.3	0.1735-0.1128i	-0.2074+0.1718i	-0.0540+0.1049i	0.0039+0.0949i	-0.0683-0.0729i	-0.0651-0.0838i	-0.1063-0.1078i	-0.1359-0.1239i
43.4	0.1669-0.1113i	-0.1998+0.1799i	-0.0439+0.1062i	0.0129+0.0870i	-0.0715-0.0691i	-0.0708-0.0808i	-0.1093-0.1037i	-0.1463-0.1147i
43.5	0.1770-0.1223i	-0.2134+0.1811i	-0.0309+0.0980i	0.0024+0.0840i	-0.0631-0.0622i	-0.0602-0.0743i	-0.1023-0.0940i	-0.1283-0.1029i
43.6	0.1673-0.1253i	-0.2212+0.1760i	-0.0060+0.1169i	0.0046+0.0763i	-0.0644-0.0664i	-0.0664-0.0772i	-0.1025-0.1029i	-0.1351-0.1052i
43.7	0.1939-0.1287i	-0.2229+0.1833i	-0.0212+0.1226i	0.0106+0.0813i	-0.0619-0.0677i	-0.0626-0.0782i	-0.1012-0.1050i	-0.1275-0.1065i
43.8	0.2105-0.1205i	-0.2349+0.1895i	-0.0308+0.0978i	0.0141+0.0796i	-0.0578-0.0654i	-0.0597-0.0754i	-0.0953-0.1015i	-0.1224-0.1021i
43.9	0.1858-0.1404i	-0.2277+0.1916i	-0.0253+0.1282i	0.0141+0.0861i	-0.0604-0.0680i	-0.0607-0.0792i	-0.0964-0.1062i	-0.1251-0.1078i
44.0	0.2164-0.1309i	-0.2183+0.1999i	-0.0105+0.1165i	0.0373+0.0834i	-0.0630-0.0654i	-0.0660-0.0773i	-0.1016-0.1027i	-0.1349-0.1053i
44.1	0.2191-0.1393i	-0.2217+0.1966i	-0.0140+0.0968i	0.0364+0.0805i	-0.0591-0.0603i	-0.0623-0.0692i	-0.0970-0.0937i	-0.1251-0.0917i
44.2	0.2198-0.1318i	-0.2291+0.1793i	0.0051+0.0912i	0.0457+0.0735i	-0.0552-0.0570i	-0.0609-0.0666i	-0.0927-0.0904i	-0.1234-0.0841i
44.3	0.2313-0.1313i	-0.2456+0.1900i	-0.0077+0.0945i	0.0668+0.0586i	-0.0560-0.0539i	-0.0586-0.0634i	-0.0918-0.0877i	-0.1232-0.0787i
44.4	0.2344-0.1498i	-0.2434+0.2066i	-0.0034+0.1016i	0.0429+0.0645i	-0.0506-0.0564i	-0.0550-0.0684i	-0.0882-0.0931i	-0.1166-0.0777i
44.5	0.2340-0.1413i	-0.2576+0.1967i	0.0013+0.1006i	0.0460+0.0585i	-0.0486-0.0529i	-0.0532-0.0636i	-0.0864-0.0924i	-0.1086-0.0715i
44.6	0.2572-0.1492i	-0.2430+0.1989i	-0.0029+0.0859i	0.0528+0.0572i	-0.0451-0.0524i	-0.0494-0.0614i	-0.0832-0.0880i	-0.0978-0.0735i
44.7	0.2566-0.1497i	-0.2717+0.2096i	0.0030+0.1161i	0.0565+0.0586i	-0.0436-0.0541i	-0.0485-0.0638i	-0.0822-0.0902i	-0.0970-0.0727i
44.8	0.2652-0.1589i	-0.2404+0.2011i	0.0175+0.1009i	0.0581+0.0395i	-0.0451-0.0512i	-0.0499-0.0616i	-0.0858-0.0876i	-0.1015-0.0694i
44.9	0.2861-0.1686i	-0.2715+0.2024i	0.0232+0.1048i	0.0457+0.0460i	-0.0399-0.0500i	-0.0421-0.0577i	-0.0786-0.0834i	-0.0821-0.0638i
45.0	0.2838-0.1772i	-0.2632+0.1883i	0.0222+0.1072i	0.0694+0.0601i	-0.0403-0.0479i	-0.0456-0.0560i	-0.0820-0.0809i	-0.0826-0.0635i
45.1	0.2843-0.1757i	-0.2947+0.1998i	0.0238+0.0889i	0.0501+0.0434i	-0.0317-0.0429i	-0.0360-0.0503i	-0.0722-0.0693i	-0.0688-0.0535i
45.2	0.2758-0.1692i	-0.2974+0.2262i	0.0339+0.0840i	0.0644+0.0486i	-0.0326-0.0494i	-0.0374-0.0570i	-0.0725-0.0790i	-0.0669-0.0665i
45.3	0.2821-0.1812i	-0.2774+0.2074i	0.0224+0.0569i	0.0718+0.0430i	-0.0313-0.0449i	-0.0355-0.0531i	-0.0720-0.0713i	-0.0642-0.0609i
45.4	0.3069-0.1824i	-0.3062+0.2174i	0.0162+0.0685i	0.0532+0.0385i	-0.0230-0.0439i	-0.0270-0.0521i	-0.0631-0.0668i	-0.0506-0.0599i
45.5	0.3003-0.2000i	-0.3191+0.2162i	0.0105+0.0749i	0.0866+0.0379i	-0.0226-0.0465i	-0.0260-0.0544i	-0.0566-0.0702i	-0.0485-0.0657i
45.6	0.3197-0.1773i	-0.2949+0.2362i	0.0268+0.0792i	0.0856+0.0232i	-0.0177-0.0451i	-0.0251-0.0552i	-0.0559-0.0678i	-0.0486-0.0668i
45.7	0.3336-0.2119i	-0.3216+0.2183i	0.0139+0.0920i	0.0744+0.0215i	-0.0145-0.0439i	-0.0207-0.0530i	-0.0520-0.0635i	-0.0382-0.0681i
45.8	0.3445-0.2247i	-0.3271+0.2077i	0.0356+0.0822i	0.0729+0.0113i	-0.0130-0.0429i	-0.0195-0.0511i	-0.0484-0.0602i	-0.0349-0.0682i
45.9	0.3426-0.2172i	-0.3441+0.2214i	0.0213+0.0551i	0.0690+0.0028i	-0.0074-0.0402i	-0.0133-0.0482i	-0.0375-0.0570i	-0.0266-0.0631i
46.0	0.3489-0.2158i	-0.3632+0.2376i	0.0119+0.0771i	0.0808+0.0041i	-0.0010-0.0422i	-0.0076-0.0527i	-0.0325-0.0601i	-0.0153-0.0674i
46.1	0.3648-0.2296i	-0.3509+0.2180i	0.0205+0.0710i	0.0725+0.0094i	0.0017-0.0448i	-0.0034-0.0553i	-0.0261-0.0581i	-0.0020-0.0717i
46.2	0.3653-0.2513i	-0.3735+0.2269i	0.0278+0.0817i	0.0858+0.0082i	0.0060-0.0473i	-0.0014-0.0546i	-0.0224-0.0591i	-0.0007-0.0752i
46.3	0.3846-0.2445i	-0.3824+0.2471i	0.0244+0.0794i	0.0730+0.0034i	0.0101-0.0475i	0.0011-0.0565i	-0.0162-0.0598i	0.0077-0.0769i
46.4	0.3918-0.2622i	-0.3834+0.2499i	0.0347+0.0882i	0.0784-0.0032i	0.0123-0.0494i	0.0047-0.0596i	-0.0118-0.0621i	0.0095-0.0796i
46.5	0.3867-0.2788i	-0.3926+0.2522i	0.0329+0.0851i	0.0786-0.0177i	0.0165-0.0515i	0.0050-0.0613i	-0.0085-0.0629i	0.0117-0.0867i
46.6	0.3906-0.2855i	-0.3767+0.2686i	0.0604+0.0799i	0.0797-0.0221i	0.0197-0.0512i	0.0107-0.0589i	-0.0081-0.0618i	0.0183-0.0844i
46.7	0.3949-0.3116i	-0.3898+0.2734i	0.0737+0.0612i	0.0694-0.0164i	0.0195-0.0507i	0.0121-0.0578i	-0.0026-0.0593i	0.0281-0.0884i
46.8	0.4121-0.3230i	-0.4033+0.2844i	0.0580+0.0595i	0.0627-0.0238i	0.0249-0.0531i	0.0138-0.0613i	0.0010-0.0622i	0.0317-0.0977i
46.9	0.4123-0.3209i	-0.4372+0.2833i	0.0417+0.0398i	0.0534-0.0183i	0.0308-0.0534i	0.0215-0.0587i	0.0121-0.0561i	0.0456-0.0957i
47.0	0.4192-0.3340i	-0.4342+0.3094i	0.0435+0.0364i	0.0436-0.0213i	0.0362-0.0585i	0.0268-0.0652i	0.0202-0.0661i	0.0499-0.1092i
47.1	0.4141-0.3432i	-0.4358+0.3323i	0.0307+0.0590i	0.0369-0.0161i	0.0391-0.0632i	0.0274-0.0691i	0.0133-0.0722i	0.0499-0.1180i
47.2	0.4370-0.3615i	-0.4404+0.3284i	0.0387+0.0461i	0.0700-0.0079i	0.0429-0.0645i	0.0326-0.0705i	0.0239-0.0685i	0.0697-0.1232i
47.3	0.4328-0.3785i	-0.4417+0.3250i	0.0513+0.0371i	0.0605-0.0150i	0.0468-0.0633i	0.0353-0.0703i	0.0274-0.0595i	0.0639-0.1254i
47.4	0.4400-0.3851i	-0.4555+0.3572i	0.0304+0.0354i	0.0586-0.0225i	0.0515-0.0696i	0.0417-0.0756i	0.0389-0.0662i	0.0792-0.1425i
47.5	0.4393-0.3987i	-0.4607+0.3709i	0.0305+0.0318i	0.0554-0.0114i	0.0542-0.0711i	0.0453-0.0775i	0.0398-0.0679i	0.0775-0.1506i
47.6	0.4510-0.4141i	-0.4686+0.3669i	0.0275+0.0156i	0.0541-0.0106i	0.0586-0.0763i	0.0481-0.0825i	0.0470-0.0667i	0.0837-0.1664i
47.7	0.4253-0.4352i	-0.4719+0.4086i	0.0047+0.0469i	0.0601-0.0128i	0.0609-0.0798i	0.0493-0.0863i	0.0536-0.0637i	0.0815-0.1678i
47.8	0.4451-0.4551i	-0.4811+0.4109i	0.0263+0.0490i	0.0667-0.0369i	0.0660-0.0850i	0.0530-0.0935i	0.0642-0.0730i	0.0875-0.1849i
47.9	0.4232-0.4517i	-0.4677+0.4088i	0.0330+0.0412i	0.0482-0.0482i	0.0654-0.0861i	0.0537-0.0916i	0.0695-0.0690i	0.0888-0.1880i
48.0	0.4276-0.4642i	-0.4550+0.4310i	0.0150+0.0510i	0.0573-0.0299i	0.0690-0.0914i	0.0565-0.0954i	0.0775-0.0706i	0.0871-0.1983i
48.1	0.4137-0.4912i	-0.4354+0.4783i	0.0335+0.0716i	0.0439-0.0132i	0.0695-0.0967i	0.0580-0.1003i	0.0879-0.0751i	0.0817-0.2064i
48.2	0.4167-0.5069i	-0.4415+0.4933i	0.0364+0.0507i	0.0052-0.0413i	0.0669-0.1034i	0.0558-0.1093i	0.0809-0.0855i	0.0700-0.2268i
48.3	0.4019-0.5206i	-0.4313+0.4772i	0.0451+0.0171i	0.0426-0.0369i	0.0679-0.1053i	0.0555-0.1095i	0.0888-0.0857i	0.0708-0.2373i
48.4	0.4026-0.5282i	-0.4331+0.4720i	0.0367+0.0241i	0.0294-0.0518i	0.0704-0.1073i	0.0577-0.1106i	0.0990-0.0845i	0.0734-0.2449i
48.5	0.3783-0.5313i	-0.4122+0.4873i	0.0516+0.0230i	0.0322-0.0304i	0.0747-0.1081i	0.0635-0.1143i	0.1174-0.0868i	0.0693-0.2524i
48.6	0.3885-0.5312i	-0.3972+0.4823i	0.0485-0.0047i	0.0241-0.0102i	0.0774-0.1133i	0.0646-0.1169i	0.1262-0.0898i	0.0700-0.2466i
48.7	0.3628-0.5283i	-0.4324+0.4974i	0.0037+0.0244i	0.0104+0.0149i	0.0753-0.1129i	0.0638-0.1198i	0.1269-0.0968i	0.0471-0.2498i
48.8	0.3790-0.5274i	-0.3882+0.5032i	0.0331+0.0309i	0.0558-0.0080i	0.0773-0.1149i	0.0649-0.1218i	0.1411-0.1005i	0.0533-0.2487i
48.9	0.3333-0.5444i	-0.4091+0.5117i	0.0163+0.0138i	0.0546-0.0079i	0.0810-0.1192i	0.0677-0.1224i	0.1471-0.1059i	0.0441-0.2581i
49.0	0.3526-0.5556i	-0.4018+0.4748i	0.0101+0.0097i	0.0420-0.0356i	0.0829-0.1211i	0.0675-0.1259i	0.1548-0.1155i	0.0454-0.2587i
49.1	0.3508-0.5387i	-0.4011+0.4731i	0.0054+0.0093i	0.0498-0.0140i	0.0864-0.1215i	0.0704-0.1255i	0.1647-0.1165i	0.0479-0.2511i
49.2	0.3618-0.5458i	-0.3855+0.4865i	0.0066+0.0060i	0.0812-0.0300i	0.0885-0.1256i	0.0739-0.1323i	0.1735-0.1277i	0.0504-0.2596i

49.3	0.3692−0.5551i	−0.3870+0.4624i	−0.0018+0.0237i	0.0939−0.0574i	0.0919−0.1316i	0.0766−0.1342i	0.1874−0.1396i	0.0512−0.2602i
49.4	0.3466−0.5371i	−0.4125+0.5015i	−0.0104+0.0146i	0.0526−0.0501i	0.0954−0.1309i	0.0777−0.1336i	0.1837−0.1419i	0.0418−0.2593i
49.5	0.3665−0.5218i	−0.4225+0.4845i	−0.0032+0.0231i	0.0753−0.0393i	0.1035−0.1303i	0.0883−0.1327i	0.2030−0.1450i	0.0592−0.2504i
49.6	0.3896−0.5458i	−0.3921+0.4763i	0.0208+0.0316i	0.1110−0.0529i	0.1110−0.1396i	0.0922−0.1427i	0.2180−0.1621i	0.0713−0.2636i
49.7	0.3880−0.5621i	−0.4072+0.5239i	0.0293+0.0838i	0.0987−0.0519i	0.1145−0.1463i	0.0969−0.1464i	0.2259−0.1729i	0.0719−0.2641i
49.8	0.3901−0.6023i	−0.4290+0.5028i	0.0312+0.0130i	0.0750−0.1060i	0.1166−0.1562i	0.0996−0.1569i	0.2296−0.1961i	0.0704−0.2912i
49.9	0.3914−0.5727i	−0.4053+0.4816i	0.1045+0.0803i	0.1087−0.0611i	0.1245−0.1560i	0.1031−0.1562i	0.2508−0.1960i	0.0950−0.2755i
50.0	0.4146−0.5828i	−0.4223+0.5281i	0.0512+0.0392i	0.0805−0.0908i	0.1281−0.1645i	0.1093−0.1634i	0.2470−0.2089i	0.0936−0.2865i
50.1	0.3951−0.6072i	−0.5026+0.5108i	−0.0119−0.0135i	0.0237−0.1005i	0.1286−0.1742i	0.1097−0.1711i	0.2454−0.2261i	0.0746−0.3090i
50.2	0.3876−0.5929i	−0.4688+0.5821i	0.0150+0.0533i	0.0494−0.0726i	0.1332−0.1793i	0.1161−0.1766i	0.2567−0.2338i	0.0833−0.3037i
50.3	0.3674−0.6035i	−0.4921+0.6012i	0.0418+0.1117i	0.0403−0.0562i	0.1395−0.1844i	0.1181−0.1821i	0.2664−0.2409i	0.0905−0.3008i
50.4	0.3956−0.6538i	−0.4954+0.5865i	0.0479+0.0273i	0.0370−0.0930i	0.1415−0.1988i	0.1210−0.1954i	0.2713−0.2695i	0.0931−0.3279i
50.5	0.4013−0.6680i	−0.4952+0.5852i	0.0245+0.0034i	0.0070−0.1204i	0.1381−0.2075i	0.1204−0.2027i	0.2687−0.2936i	0.0841−0.3453i
50.6	0.3867−0.6285i	−0.5404+0.5929i	0.0359+0.0271i	0.0097−0.0847i	0.1467−0.2105i	0.1264−0.2018i	0.2769−0.2940i	0.0975−0.3400i
50.7	0.4620−0.6672i	−0.4830+0.5953i	0.0678−0.0033i	0.0376−0.1459i	0.1625−0.2261i	0.1405−0.2162i	0.3050−0.3150i	0.1208−0.3640i
50.8	0.4039−0.6847i	−0.5166+0.6268i	0.0550+0.0135i	0.0112−0.1102i	0.1513−0.2362i	0.1326−0.2249i	0.2913−0.3417i	0.1060−0.3733i
50.9	0.4233−0.6643i	−0.5093+0.6686i	0.0383+0.0122i	−0.0440−0.0773i	0.1568−0.2449i	0.1388−0.2337i	0.2910−0.3523i	0.1104−0.3809i
51.0	0.4190−0.7226i	−0.5202+0.6496i	0.0688−0.0594i	−0.0195−0.0863i	0.1571−0.2602i	0.1404−0.2454i	0.2963−0.3732i	0.1177−0.4051i
51.1	0.4425−0.7473i	−0.5376+0.6813i	0.0133−0.0135i	0.0079−0.0839i	0.1619−0.2711i	0.1437−0.2584i	0.3091−0.3919i	0.1175−0.4261i
51.2	0.4313−0.7708i	−0.5312+0.6795i	0.0034−0.0289i	0.0013−0.0948i	0.1654−0.2817i	0.1487−0.2677i	0.3116−0.4097i	0.1196−0.4382i
51.3	0.4535−0.7582i	−0.5369+0.7260i	−0.0028−0.0470i	−0.0012−0.1178i	0.1669−0.2958i	0.1493−0.2809i	0.3100−0.4297i	0.1172−0.4582i
51.4	0.4410−0.7998i	−0.5222+0.7432i	0.0193−0.0171i	0.0113−0.1275i	0.1655−0.3153i	0.1501−0.2951i	0.3164−0.4619i	0.1178−0.4727i
51.5	0.4426−0.8049i	−0.5431+0.7814i	−0.0059−0.0378i	−0.0522−0.1314i	0.1626−0.3261i	0.1500−0.3066i	0.3109−0.4832i	0.1070−0.4943i
51.6	0.4534−0.8512i	−0.5659+0.7841i	0.0298−0.0757i	−0.0553−0.1270i	0.1594−0.3431i	0.1485−0.3219i	0.3085−0.5088i	0.1117−0.5163i
51.7	0.4923−0.9044i	−0.5718+0.8223i	0.0192−0.0730i	−0.0241−0.1393i	0.1625−0.3628i	0.1555−0.3397i	0.3248−0.5356i	0.1085−0.5445i
51.8	0.5194−0.9375i	−0.5634+0.8787i	0.0114−0.0994i	−0.0888−0.0818i	0.1661−0.3776i	0.1614−0.3568i	0.3342−0.5625i	0.1029−0.5597i
51.9	0.4900−1.0312i	−0.5700+0.9643i	−0.0312−0.1024i	−0.0765−0.0831i	0.1650−0.3997i	0.1616−0.3785i	0.3380−0.6036i	0.0986−0.5832i
52.0	0.4578−1.1112i	−0.5548+0.9904i	−0.0554−0.1050i	−0.0881−0.0582i	0.1624−0.4230i	0.1642−0.4091i	0.3377−0.6560i	0.1011−0.6245i
52.1	0.3768−1.1858i	−0.5280+1.0752i	−0.1080−0.0889i	−0.0511−0.0535i	0.1560−0.4553i	0.1534−0.4442i	0.3248−0.7155i	0.0871−0.6683i
52.2	0.2604−1.1714i	−0.4600+1.0663i	−0.1281−0.0657i	−0.0373−0.0640i	0.1284−0.4701i	0.1222−0.4584i	0.2742−0.7435i	0.0469−0.6823i
52.3	0.2474−1.1882i	−0.4495+1.1021i	−0.0961−0.0159i	−0.0530−0.0919i	0.1194−0.4916i	0.1175−0.4768i	0.2601−0.7792i	0.0387−0.7087i
52.4	0.1989−1.1893i	−0.3806+1.1297i	−0.1230−0.0310i	−0.0363−0.0700i	0.0946−0.5149i	0.0921−0.4992i	0.2167−0.8152i	−0.0005−0.7386i
52.5	0.1544−1.1856i	−0.3536+1.1289i	−0.1095+0.0211i	−0.0516−0.1266i	0.0712−0.5266i	0.0710−0.5102i	0.1843−0.8417i	−0.0352−0.7524i
52.6	0.1300−1.1847i	−0.3302+1.1590i	−0.0665−0.0015i	−0.1167−0.0898i	0.0585−0.5357i	0.0583−0.5232i	0.1522−0.8573i	−0.0482−0.7637i
52.7	0.0970−1.2233i	−0.2924+1.1956i	−0.0878−0.0389i	−0.0998−0.0302i	0.0444−0.5587i	0.0428−0.5422i	0.1302−0.8894i	−0.0705−0.7938i
52.8	0.0734−1.2229i	−0.2856+1.2161i	−0.1409+0.0116i	−0.0726−0.0712i	0.0232−0.5747i	0.0282−0.5583i	0.1143−0.9166i	−0.1045−0.8185i
52.9	0.0198−1.2303i	−0.2121+1.2331i	−0.0946−0.0099i	−0.1390−0.0286i	−0.0030−0.5926i	0.0029−0.5782i	0.0640−0.9509i	−0.1404−0.8303i
53.0	−0.0279−1.2308i	−0.1770+1.2247i	−0.1352−0.0346i	−0.0878+0.0093i	−0.0322−0.5987i	−0.0246−0.5843i	0.0170−0.9652i	−0.1821−0.8408i
53.1	−0.0553−1.2250i	−0.1270+1.2257i	−0.1420−0.0209i	−0.0953+0.0250i	−0.0623−0.5982i	−0.0522−0.5890i	−0.0360−0.9713i	−0.2187−0.8392i
53.2	−0.0853−1.2387i	−0.1013+1.2727i	−0.1857−0.0170i	−0.0618+0.0277i	−0.0779−0.6186i	−0.0667−0.6088i	−0.0559−0.9991i	−0.2472−0.8706i
53.3	−0.1265−1.2415i	−0.0464+1.2844i	−0.2236+0.0103i	−0.0448+0.0420i	−0.1092−0.6296i	−0.0974−0.6204i	−0.1036−1.0212i	−0.2929−0.8821i
53.4	−0.2058−1.2403i	0.0334+1.2936i	−0.2495+0.0594i	−0.0184+0.0297i	−0.1538−0.6349i	−0.1420−0.6317i	−0.1719−1.0403i	−0.3574−0.8805i
53.5	−0.2092−1.2134i	0.0502+1.2587i	−0.2171+0.1092i	−0.0380−0.0060i	−0.1814−0.6280i	−0.1656−0.6243i	−0.2167−1.0353i	−0.3936−0.8637i
53.6	−0.2548−1.2056i	0.1132+1.2421i	−0.1890+0.1404i	−0.0561+0.0089i	−0.2183−0.6173i	−0.2032−0.6199i	−0.2809−1.0304i	−0.4423−0.8432i
53.7	−0.2297−1.2481i	0.1399+1.2537i	−0.1844+0.1149i	−0.0299+0.0230i	−0.2314−0.6143i	−0.2174−0.6223i	−0.3070−1.0240i	−0.4528−0.8465i
53.8	−0.2802−1.2839i	0.1717+1.2831i	−0.1791+0.1566i	−0.0073+0.0238i	−0.2488−0.6164i	−0.2355−0.6287i	−0.3392−1.0322i	−0.4797−0.8474i
53.9	−0.4400−1.3352i	0.2599+1.2976i	−0.1705+0.1823i	−0.0120+0.0282i	−0.2958−0.6118i	−0.2874−0.6285i	−0.4238−1.0374i	−0.5439−0.8405i
54.0	−0.5763−1.2870i	0.4071+1.2568i	−0.1184+0.1878i	0.0189+0.0273i	−0.3441−0.5872i	−0.3437−0.6063i	−0.5137−0.9949i	−0.6056−0.8165i
54.1	−0.7064−1.1497i	0.4888+1.1619i	−0.1109+0.1695i	0.0480+0.0308i	−0.3725−0.5481i	−0.3792−0.5642i	−0.5685−0.9239i	−0.6589−0.7615i
54.2	−0.6960−1.0358i	0.4860+1.0414i	−0.1428+0.1271i	0.0554+0.0295i	−0.3704−0.5099i	−0.3792−0.5236i	−0.5620−0.8554i	−0.6547−0.7025i
54.3	−0.7053−0.9409i	0.5172+0.9525i	−0.1782+0.1657i	0.0829+0.0001i	−0.3876−0.4931i	−0.3955−0.5057i	−0.5838−0.8278i	−0.6874−0.6764i
54.4	−0.7108−0.9001i	0.4991+0.9236i	−0.1727+0.2233i	0.1108−0.0560i	−0.3886−0.4783i	−0.3978−0.4864i	−0.5909−0.8094i	−0.6938−0.6444i
54.5	−0.6912−0.8591i	0.4697+0.9009i	−0.1455+0.2768i	0.0833−0.0759i	−0.3888−0.4710i	−0.4010−0.4786i	−0.5950−0.7989i	−0.6968−0.6334i
54.6	−0.6684−0.7864i	0.4813+0.8349i	−0.1225+0.3138i	0.0655−0.0989i	−0.4011−0.4525i	−0.4135−0.4599i	−0.6170−0.7774i	−0.7067−0.6019i
54.7	−0.6536−0.7693i	0.4833+0.8303i	−0.0391+0.3212i	0.0432−0.1196i	−0.4069−0.4438i	−0.4220−0.4518i	−0.6383−0.7627i	−0.7104−0.5834i
54.8	−0.6708−0.7441i	0.4700+0.8193i	−0.0503+0.2650i	0.0640−0.0844i	−0.4231−0.4323i	−0.4378−0.4375i	−0.6640−0.7362i	−0.7411−0.5727i
54.9	−0.6760−0.7044i	0.4725+0.7525i	−0.0758+0.3499i	0.0850−0.1537i	−0.4268−0.4061i	−0.4433−0.4111i	−0.6694−0.7018i	−0.7434−0.5253i
55.0	−0.6643−0.6591i	0.4810+0.7455i	−0.0067+0.3791i	0.0114−0.1789i	−0.4348−0.3950i	−0.4497−0.3990i	−0.6861−0.6890i	−0.7450−0.5050i
55.1	−0.6491−0.6421i	0.4530+0.7032i	0.0394+0.3514i	0.0064−0.1790i	−0.4409−0.3840i	−0.4560−0.3869i	−0.7032−0.6639i	−0.7539−0.4882i
55.2	−0.6479−0.6004i	0.4674+0.7008i	0.0687+0.3281i	−0.0298−0.1769i	−0.4492−0.3747i	−0.4652−0.3778i	−0.7229−0.6454i	−0.7633−0.4766i
55.3	−0.6360−0.5628i	0.4876+0.6444i	0.1085+0.3238i	−0.0443−0.1632i	−0.4548−0.3523i	−0.4718−0.3480i	−0.7359−0.6027i	−0.7631−0.4396i
55.4	−0.6430−0.5209i	0.4592+0.6346i	0.1178+0.3043i	−0.0632−0.1472i	−0.4598−0.3355i	−0.4773−0.3368i	−0.7424−0.5753i	−0.7720−0.4243i
55.5	−0.6237−0.5112i	0.4706+0.6018i	0.1500+0.2606i	−0.0670−0.1389i	−0.4614−0.3253i	−0.4790−0.3244i	−0.7495−0.5567i	−0.7709−0.4047i

55.6	-0.6241-0.4707i	0.4551+0.5768i	0.1277+0.2762i	-0.0659-0.1453i	-0.4671-0.3081i	-0.4860-0.3028i	-0.7612-0.5196i	-0.7851-0.3749i
55.7	-0.6059-0.4437i	0.4281+0.5497i	0.1480+0.2689i	-0.0887-0.1694i	-0.4579-0.2905i	-0.4723-0.2860i	-0.7427-0.4980i	-0.7657-0.3573i
55.8	-0.5801-0.4114i	0.4330+0.5175i	0.1677+0.2573i	-0.1124-0.1375i	-0.4580-0.2747i	-0.4748-0.2686i	-0.7438-0.4655i	-0.7628-0.3297i
55.9	-0.5642-0.4038i	0.4203+0.5119i	0.1881+0.2361i	-0.1345-0.1103i	-0.4609-0.2646i	-0.4772-0.2594i	-0.7535-0.4481i	-0.7655-0.3179i
56.0	-0.5421-0.3793i	0.4162+0.4730i	0.2135+0.2178i	-0.1399-0.1244i	-0.4643-0.2575i	-0.4755-0.2482i	-0.7520-0.4336i	-0.7654-0.3039i
56.1	-0.5334-0.3309i	0.3978+0.4683i	0.1814+0.1789i	-0.1097-0.0857i	-0.4544-0.2464i	-0.4715-0.2373i	-0.7424-0.4113i	-0.7554-0.2859i
56.2	-0.5179-0.3336i	0.3677+0.4652i	0.1959+0.2202i	-0.1325-0.1129i	-0.4557-0.2347i	-0.4674-0.2261i	-0.7392-0.3944i	-0.7535-0.2759i
56.3	-0.5249-0.3305i	0.3594+0.4309i	0.2284+0.1789i	-0.1456-0.0850i	-0.4607-0.2241i	-0.4745-0.2136i	-0.7528-0.3746i	-0.7628-0.2581i
56.4	-0.4860-0.2965i	0.3273+0.4033i	0.2267+0.1563i	-0.1470-0.1017i	-0.4605-0.2120i	-0.4747-0.2031i	-0.7522-0.3541i	-0.7714-0.2372i
56.5	-0.4520-0.2905i	0.3260+0.3955i	0.2218+0.1486i	-0.1593-0.0761i	-0.4432-0.2075i	-0.4581-0.1970i	-0.7242-0.3426i	-0.7413-0.2380i
56.6	-0.4328-0.2874i	0.2928+0.3788i	0.2219+0.1162i	-0.1506-0.0769i	-0.4399-0.1946i	-0.4555-0.1843i	-0.7184-0.3216i	-0.7321-0.2198i
56.7	-0.4402-0.2693i	0.2790+0.3709i	0.2464+0.1158i	-0.1434-0.0588i	-0.4403-0.1835i	-0.4560-0.1730i	-0.7205-0.3069i	-0.7384-0.2022i
56.8	-0.3983-0.2537i	0.2638+0.3514i	0.2129+0.0926i	-0.1437-0.0380i	-0.4342-0.1816i	-0.4483-0.1682i	-0.7106-0.2993i	-0.7255-0.1978i
56.9	-0.3957-0.2475i	0.2642+0.3583i	0.2447+0.0817i	-0.1528-0.0405i	-0.4325-0.1768i	-0.4457-0.1651i	-0.7066-0.2899i	-0.7242-0.1872i
57.0	-0.3825-0.2648i	0.2370+0.3725i	0.2343+0.0539i	-0.1619-0.0202i	-0.4285-0.1713i	-0.4430-0.1573i	-0.7023-0.2762i	-0.7127-0.1759i
57.1	-0.3589-0.2562i	0.2301+0.3445i	0.2196+0.0647i	-0.1389-0.0118i	-0.4281-0.1688i	-0.4428-0.1534i	-0.7018-0.2736i	-0.7243-0.1736i
57.2	-0.3485-0.2397i	0.2280+0.3605i	0.2152+0.0423i	-0.1358+0.0070i	-0.4323-0.1655i	-0.4458-0.1524i	-0.7053-0.2691i	-0.7249-0.1758i
57.3	-0.3435-0.2349i	0.2174+0.3489i	0.2006+0.0707i	-0.1158-0.0210i	-0.4320-0.1616i	-0.4465-0.1514i	-0.7041-0.2624i	-0.7285-0.1703i
57.4	-0.3193-0.2514i	0.2088+0.3622i	0.2303+0.0184i	-0.1392-0.0203i	-0.4300-0.1542i	-0.4454-0.1400i	-0.7017-0.2488i	-0.7216-0.1575i
57.5	-0.3262-0.2244i	0.1737+0.3571i	0.2173+0.0251i	-0.1480+0.0032i	-0.4228-0.1451i	-0.4359-0.1312i	-0.6895-0.2335i	-0.7127-0.1406i
57.6	-0.2864-0.2239i	0.1793+0.3540i	0.1947+0.0162i	-0.1190+0.0031i	-0.4222-0.1498i	-0.4343-0.1341i	-0.6889-0.2379i	-0.7146-0.1506i
57.7	-0.2902-0.2140i	0.1862+0.3322i	0.2061+0.0181i	-0.1519+0.0058i	-0.4249-0.1534i	-0.4374-0.1373i	-0.6935-0.2430i	-0.7206-0.1515i
57.8	-0.2527-0.2143i	0.1402+0.3485i	0.1966+0.0106i	-0.1339+0.0024i	-0.4233-0.1413i	-0.4335-0.1225i	-0.6883-0.2196i	-0.7133-0.1301i
57.9	-0.2671-0.2087i	0.1405+0.3189i	0.1854-0.0070i	-0.1288+0.0234i	-0.4258-0.1283i	-0.4347-0.1110i	-0.6884-0.1968i	-0.7152-0.1149i
58.0	-0.2489-0.1863i	0.1306+0.3039i	0.1830-0.0161i	-0.1316+0.0158i	-0.4193-0.1187i	-0.4314-0.1038i	-0.6780-0.1888i	-0.7082-0.1032i
58.1	-0.2368-0.1883i	0.1280+0.3395i	0.1892-0.0084i	-0.1204+0.0109i	-0.4145-0.1267i	-0.4231-0.1092i	-0.6670-0.1991i	-0.7040-0.1103i
58.2	-0.2277-0.2000i	0.1027+0.3440i	0.1928-0.0154i	-0.1372+0.0105i	-0.4257-0.1282i	-0.4336-0.1082i	-0.6857-0.1961i	-0.7260-0.1104i
58.3	-0.1973-0.2026i	0.0950+0.3521i	0.2053-0.0229i	-0.1133-0.0053i	-0.4200-0.1204i	-0.4285-0.0996i	-0.6774-0.1822i	-0.7108-0.0981i
58.4	-0.1787-0.2165i	0.0839+0.3391i	0.1851-0.0215i	-0.1371+0.0218i	-0.4115-0.1186i	-0.4196-0.1005i	-0.6626-0.1844i	-0.6980-0.0999i
58.5	-0.1755-0.2025i	0.0540+0.3325i	0.1695-0.0005i	-0.1150-0.0049i	-0.4128-0.1091i	-0.4198-0.0911i	-0.6621-0.1664i	-0.7004-0.0824i
58.6	-0.1633-0.2240i	0.0641+0.3470i	0.1874-0.0289i	-0.1365+0.0195i	-0.4186-0.1053i	-0.4263-0.0873i	-0.6735-0.1606i	-0.7120-0.0773i
58.7	-0.1381-0.2221i	0.0427+0.3334i	0.1619-0.0231i	-0.1430+0.0519i	-0.4243-0.1097i	-0.4242-0.0878i	-0.6708-0.1632i	-0.7173-0.0798i
58.8	-0.1354-0.2419i	0.0401+0.3568i	0.1754-0.0411i	-0.1172+0.0178i	-0.4182-0.1122i	-0.4241-0.0929i	-0.6680-0.1698i	-0.7125-0.0874i
58.9	-0.1371-0.2395i	0.0497+0.3663i	0.1659-0.0658i	-0.1626+0.0237i	-0.4178-0.1038i	-0.4238-0.0864i	-0.6687-0.1568i	-0.7138-0.0686i
59.0	-0.1145-0.2318i	0.0531+0.3518i	0.1665-0.0739i	-0.1534+0.0406i	-0.4209-0.0931i	-0.4245-0.0769i	-0.6676-0.1419i	-0.7169-0.0558i
59.1	-0.1304-0.2688i	0.0229+0.3578i	0.1398-0.0682i	-0.1508+0.0332i	-0.4182-0.0958i	-0.4244-0.0753i	-0.6669-0.1474i	-0.7191-0.0529i
59.2	-0.1153-0.2508i	0.0217+0.3989i	0.1786-0.0736i	-0.1341+0.0370i	-0.4203-0.0960i	-0.4240-0.0758i	-0.6657-0.1433i	-0.7196-0.0545i
59.3	-0.1221-0.2538i	0.0321+0.3897i	0.1350-0.0587i	-0.1518+0.0236i	-0.4179-0.0912i	-0.4223-0.0728i	-0.6589-0.1375i	-0.7159-0.0505i
59.4	-0.1029-0.2696i	0.0283+0.3900i	0.1724-0.0863i	-0.1372+0.0624i	-0.4190-0.0900i	-0.4182-0.0698i	-0.6602-0.1308i	-0.7171-0.0441i
59.5	-0.1189-0.2727i	0.0056+0.3879i	0.1415-0.0668i	-0.1240+0.0557i	-0.4213-0.0960i	-0.4262-0.0732i	-0.6602-0.1397i	-0.7292-0.0496i
59.6	-0.0814-0.2812i	0.0184+0.3924i	0.1320-0.1020i	-0.1380+0.0517i	-0.4204-0.0897i	-0.4238-0.0693i	-0.6543-0.1358i	-0.7256-0.0424i
59.7	-0.1258-0.2709i	0.0255+0.4098i	0.1395-0.0892i	-0.1290+0.0498i	-0.4185-0.0846i	-0.4197-0.0681i	-0.6512-0.1294i	-0.7275-0.0307i
59.8	-0.1116-0.2852i	0.0207+0.4020i	0.1555-0.1024i	-0.1371+0.0461i	-0.4204-0.0879i	-0.4240-0.0686i	-0.6495-0.1330i	-0.7293-0.0359i
59.9	-0.1424-0.2442i	-0.0223+0.4252i	0.1583-0.0590i	-0.1278+0.0635i	-0.4151-0.0828i	-0.4176-0.0660i	-0.6407-0.1280i	-0.7278-0.0157i
60.0	-1.1106-0.5387i	-1.1947+0.1790i	-0.3586+0.4846i	-0.2491+0.4090i	-0.4435-0.0273i	-0.4375+0.0027i	-0.6774-0.0727i	-0.8242+0.0877i
60.1	-0.1690-0.3777i	-0.0254+0.3252i	0.0631-0.1072i	-0.1614+0.1030i	-0.4328-0.0721i	-0.4350-0.0524i	-0.6645-0.1208i	-0.7602-0.0010i
60.2	-0.0898-0.2750i	-0.0129+0.3707i	0.0950-0.1220i	-0.1484+0.0733i	-0.4223-0.0826i	-0.4291-0.0614i	-0.6513-0.1354i	-0.7418-0.0068i
60.3	-0.1171-0.3022i	-0.0233+0.3836i	0.1199-0.1144i	-0.1324+0.0742i	-0.4287-0.0777i	-0.4307-0.0566i	-0.6521-0.1351i	-0.7510+0.0042i
60.4	-0.1027-0.2510i	-0.0085+0.4005i	0.1107-0.1169i	-0.1330+0.0647i	-0.4316-0.0754i	-0.4359-0.0545i	-0.6627-0.1379i	-0.7597+0.0163i
60.5	-0.1086-0.2561i	-0.0260+0.3820i	0.0953-0.1308i	-0.1088+0.0889i	-0.4309-0.0738i	-0.4315-0.0512i	-0.6645-0.1378i	-0.7518+0.0246i
60.6	-0.1172-0.2604i	-0.0338+0.3863i	0.0896-0.1011i	-0.1074+0.0801i	-0.4289-0.0718i	-0.4273-0.0508i	-0.6622-0.1359i	-0.7406+0.0309i
60.7	-0.0976-0.2773i	-0.0781+0.3927i	0.0768-0.0928i	-0.1158+0.0599i	-0.4276-0.0776i	-0.4349-0.0541i	-0.6740-0.1477i	-0.7422+0.0231i
60.8	-0.0848-0.2503i	-0.0605+0.3842i	0.0937-0.0683i	-0.1221+0.0750i	-0.4388-0.0771i	-0.4403-0.0542i	-0.6896-0.1491i	-0.7529+0.0274i
60.9	-0.1059-0.2380i	-0.0751+0.4181i	0.0693-0.1014i	-0.1224+0.0729i	-0.4470-0.0678i	-0.4475-0.0437i	-0.7038-0.1269i	-0.7586+0.0391i
61.0	-0.1149-0.2319i	-0.0707+0.4166i	0.0857-0.0943i	-0.1411+0.0954i	-0.4512-0.0693i	-0.4545-0.0436i	-0.7084-0.1283i	-0.7687+0.0445i
61.1	-0.1036-0.2187i	-0.0809+0.4227i	0.0664-0.0941i	-0.1313+0.1128i	-0.4572-0.0596i	-0.4585-0.0346i	-0.7172-0.1205i	-0.7759+0.0535i
61.2	-0.1133-0.2219i	-0.0789+0.4058i	0.1038-0.0958i	-0.1431+0.1211i	-0.4646-0.0573i	-0.4640-0.0338i	-0.7271-0.1211i	-0.7929+0.0634i
61.3	-0.0689-0.1839i	-0.0740+0.4003i	0.0780-0.1171i	-0.1427+0.1389i	-0.4623-0.0521i	-0.4663-0.0227i	-0.7301-0.1127i	-0.7956+0.0805i
61.4	-0.0811-0.1825i	-0.1012+0.4059i	0.0805-0.1065i	-0.1396+0.1303i	-0.4635-0.0441i	-0.4627-0.0200i	-0.7305-0.1084i	-0.7904+0.0946i
61.5	-0.0473-0.1911i	-0.1030+0.4183i	0.0691-0.1048i	-0.1344+0.1309i	-0.4708-0.0494i	-0.4660-0.0239i	-0.7361-0.1166i	-0.7945+0.0877i
61.6	-0.0418-0.1956i	-0.1040+0.4212i	0.0565-0.1438i	-0.1199+0.1489i	-0.4792-0.0379i	-0.4733-0.0115i	-0.7583-0.1011i	-0.7950+0.1164i
61.7	-0.0482-0.1693i	-0.1229+0.4193i	0.0523-0.1402i	-0.1199+0.1408i	-0.4846-0.0308i	-0.4798-0.0063i	-0.7710-0.0953i	-0.8021+0.1302i
61.8	-0.0008-0.1651i	-0.1258+0.4606i	0.0638-0.0890i	-0.1019+0.1617i	-0.4814-0.0310i	-0.4753-0.0051i	-0.7778-0.0930i	-0.7966+0.1276i

61.9	0.0054-0.1499i	-0.1307+0.4259i	0.0336-0.1025i	-0.0948+0.1595i	-0.4898-0.0262i	-0.4816-0.0010i	-0.7882-0.0862i	-0.7967+0.1424i
62.0	0.0252-0.1901i	-0.1620+0.4266i	0.0332-0.1183i	-0.0864+0.1655i	-0.4944-0.0270i	-0.4857+0.0022i	-0.8047-0.0840i	-0.8124+0.1437i
62.1	0.0339-0.1681i	-0.1554+0.4707i	0.0346-0.0960i	-0.0806+0.1900i	-0.5071-0.0155i	-0.4999+0.0144i	-0.8273-0.0647i	-0.8140+0.1652i
62.2	0.0758-0.1874i	-0.1545+0.4762i	0.0525-0.1077i	-0.0824+0.1733i	-0.5122-0.0044i	-0.5041+0.0236i	-0.8462-0.0476i	-0.8223+0.1890i
62.3	0.0692-0.1590i	-0.1719+0.4841i	0.0418-0.1070i	-0.0682+0.1920i	-0.5121+0.0000i	-0.5023+0.0292i	-0.8465-0.0384i	-0.8170+0.1833i
62.4	0.0852-0.1890i	-0.1777+0.4813i	0.0270-0.0805i	-0.0557+0.1768i	-0.5195+0.0061i	-0.5050+0.0346i	-0.8573-0.0256i	-0.8175+0.1938i
62.5	0.1097-0.1785i	-0.1943+0.5022i	0.0281-0.1221i	-0.0570+0.1817i	-0.5264+0.0146i	-0.5138+0.0455i	-0.8794-0.0088i	-0.8272+0.2064i
62.6	0.1087-0.1902i	-0.2036+0.5316i	0.0160-0.1355i	-0.0697+0.1916i	-0.5387+0.0287i	-0.5213+0.0581i	-0.8967+0.0158i	-0.8423+0.2328i
62.7	0.1209-0.2002i	-0.1970+0.5391i	0.0103-0.0987i	-0.0481+0.1979i	-0.5378+0.0378i	-0.5218+0.0666i	-0.8937+0.0376i	-0.8356+0.2425i
62.8	0.1554-0.2013i	-0.2176+0.5329i	0.0045-0.1283i	-0.0319+0.1933i	-0.5372+0.0406i	-0.5177+0.0692i	-0.8915+0.0462i	-0.8352+0.2445i
62.9	0.1528-0.1913i	-0.2123+0.5205i	0.0245-0.1305i	-0.0472+0.1868i	-0.5433+0.0434i	-0.5242+0.0725i	-0.9070+0.0531i	-0.8432+0.2485i
63.0	0.1677-0.2015i	-0.2380+0.5669i	0.0078-0.1100i	-0.0385+0.1856i	-0.5562+0.0572i	-0.5377+0.0862i	-0.9246+0.0770i	-0.8605+0.2717i
63.1	0.2114-0.2014i	-0.2423+0.5632i	-0.0236-0.1125i	-0.0205+0.1761i	-0.5596+0.0626i	-0.5365+0.0909i	-0.9293+0.0887i	-0.8697+0.2863i
63.2	0.2148-0.2207i	-0.2592+0.5837i	0.0138-0.1208i	-0.0450+0.1875i	-0.5544+0.0677i	-0.5303+0.0977i	-0.9195+0.0996i	-0.8555+0.2840i
63.3	0.2096-0.2451i	-0.2453+0.6182i	0.0117-0.0767i	-0.0033+0.2014i	-0.5643+0.0913i	-0.5404+0.1204i	-0.9393+0.1350i	-0.8654+0.3164i
63.4	0.2531-0.2447i	-0.2358+0.6217i	0.0030-0.1009i	-0.0154+0.2010i	-0.5743+0.0997i	-0.5469+0.1267i	-0.9504+0.1565i	-0.8905+0.3406i
63.5	0.2674-0.2655i	-0.2601+0.6594i	-0.0292-0.1028i	0.0218+0.1963i	-0.5816+0.1216i	-0.5557+0.1474i	-0.9635+0.1924i	-0.8897+0.3722i
63.6	0.2926-0.2751i	-0.2599+0.6874i	-0.0415-0.0996i	0.0260+0.1817i	-0.5845+0.1329i	-0.5544+0.1613i	-0.9649+0.2171i	-0.8966+0.3937i
63.7	0.2805-0.2873i	-0.2709+0.7003i	-0.0436-0.0624i	0.0149+0.1997i	-0.5830+0.1337i	-0.5555+0.1594i	-0.9676+0.2114i	-0.8955+0.3878i
63.8	0.3198-0.3093i	-0.2300+0.6987i	-0.0221-0.0815i	0.0256+0.1793i	-0.5720+0.1530i	-0.5416+0.1786i	-0.9418+0.2498i	-0.8694+0.4173i
63.9	0.3271-0.3100i	-0.2374+0.6948i	-0.0427-0.0716i	0.0039+0.1771i	-0.5703+0.1649i	-0.5357+0.1885i	-0.9414+0.2619i	-0.8580+0.4451i
64.0	0.3432-0.3456i	-0.2812+0.7545i	-0.0351-0.0774i	0.0352+0.1877i	-0.5903+0.1806i	-0.5551+0.2068i	-0.9722+0.2935i	-0.8927+0.4664i
64.1	0.3965-0.3614i	-0.2716+0.7648i	-0.0592-0.0381i	0.0251+0.1491i	-0.5967+0.1934i	-0.5597+0.2163i	-0.9774+0.3125i	-0.9092+0.4866i
64.2	0.3761-0.3861i	-0.2525+0.7886i	-0.0301-0.0301i	0.0194+0.1539i	-0.5834+0.2039i	-0.5427+0.2286i	-0.9535+0.3309i	-0.8739+0.5041i
64.3	0.3889-0.4277i	-0.2374+0.8305i	0.0090-0.0379i	0.0420+0.1530i	-0.5851+0.2138i	-0.5478+0.2368i	-0.9596+0.3485i	-0.8836+0.5178i
64.4	0.3851-0.4261i	-0.2184+0.8555i	-0.0237-0.0357i	0.0075+0.1732i	-0.5823+0.2389i	-0.5429+0.2596i	-0.9510+0.3917i	-0.8790+0.5580i
64.5	0.3973-0.4893i	-0.2264+0.8554i	-0.0083+0.0049i	0.0345+0.1544i	-0.5864+0.2651i	-0.5415+0.2806i	-0.9546+0.4245i	-0.8712+0.5996i
64.6	0.4052-0.4926i	-0.1862+0.8889i	-0.0044+0.0027i	0.0161+0.1372i	-0.5883+0.2654i	-0.5448+0.2824i	-0.9573+0.4290i	-0.8789+0.6101i
64.7	0.3975-0.5537i	-0.2075+0.8847i	-0.0025-0.0167i	0.0113+0.1442i	-0.5817+0.2968i	-0.5352+0.3088i	-0.9402+0.4751i	-0.8639+0.6605i
64.8	0.4280-0.5375i	-0.1892+0.9433i	0.0122+0.0124i	0.0321+0.1615i	-0.5793+0.3194i	-0.5331+0.3314i	-0.9375+0.5079i	-0.8500+0.7006i
64.9	0.3711-0.5767i	-0.1453+0.9580i	0.0345+0.0202i	0.0195+0.1510i	-0.5676+0.3328i	-0.5201+0.3440i	-0.9145+0.5305i	-0.8309+0.7280i
65.0	0.3761-0.6015i	-0.1202+0.9622i	0.0558-0.0042i	-0.0114+0.1455i	-0.5515+0.3530i	-0.5043+0.3593i	-0.8908+0.5591i	-0.7996+0.7570i
65.1	0.4216-0.6550i	-0.1202+0.9998i	0.0626+0.0172i	-0.0451+0.1487i	-0.5542+0.3708i	-0.5059+0.3777i	-0.8972+0.5838i	-0.7989+0.7916i
65.2	0.4132-0.6700i	-0.0926+1.0030i	0.0924+0.0337i	-0.0067+0.1614i	-0.5469+0.3943i	-0.4985+0.3952i	-0.8957+0.6099i	-0.7814+0.8275i
65.3	0.3628-0.7139i	-0.0480+1.0027i	0.1146-0.0007i	-0.0455+0.1611i	-0.5187+0.4146i	-0.4714+0.4145i	-0.8468+0.6433i	-0.7223+0.8535i
65.4	0.3486-0.7187i	-0.0440+0.9858i	0.1188-0.0090i	-0.0690+0.1655i	-0.4970+0.4143i	-0.4515+0.4081i	-0.8195+0.6411i	-0.6826+0.8526i
65.5	0.3348-0.7327i	-0.0359+1.0290i	0.1369-0.0235i	-0.0853+0.1823i	-0.4825+0.4191i	-0.4357+0.4165i	-0.7976+0.6512i	-0.6542+0.8576i
65.6	0.3057-0.7482i	0.0132+0.9824i	0.1624-0.0597i	-0.0801+0.2112i	-0.4593+0.4335i	-0.4120+0.4239i	-0.7623+0.6665i	-0.6016+0.8732i
65.7	0.2975-0.7574i	0.0333+1.0334i	0.1792-0.0795i	-0.0793+0.2605i	-0.4551+0.4524i	-0.4095+0.4408i	-0.7649+0.6924i	-0.5795+0.9030i
65.8	0.3218-0.7877i	0.0620+1.0489i	0.1821-0.0970i	-0.0965+0.2777i	-0.4526+0.4576i	-0.4076+0.4459i	-0.7680+0.7055i	-0.5737+0.9167i
65.9	0.2800-0.7806i	0.0408+1.0270i	0.1709-0.1364i	-0.0740+0.3026i	-0.4402+0.4521i	-0.3941+0.4390i	-0.7574+0.6954i	-0.5532+0.9035i
66.0	0.2843-0.8196i	0.1247+1.0248i	0.1869-0.1359i	-0.0721+0.3551i	-0.4256+0.4770i	-0.3804+0.4626i	-0.7366+0.7383i	-0.5098+0.9320i
66.1	0.2771-0.8093i	0.0990+1.0304i	0.1765-0.1631i	-0.0568+0.3537i	-0.4127+0.4753i	-0.3690+0.4620i	-0.7275+0.7482i	-0.4871+0.9218i
66.2	0.2354-0.8485i	0.1525+1.0331i	0.2080-0.1880i	-0.0252+0.3662i	-0.3996+0.4907i	-0.3551+0.4739i	-0.7111+0.7755i	-0.4587+0.9299i
66.3	0.2588-0.8959i	0.1716+1.0476i	0.1763-0.2511i	-0.0307+0.3940i	-0.3954+0.5142i	-0.3519+0.4890i	-0.7109+0.8198i	-0.4258+0.9471i
66.4	0.2350-0.8648i	0.1648+1.0388i	0.1913-0.2741i	-0.0057+0.4111i	-0.3796+0.5165i	-0.3458+0.4956i	-0.6941+0.8463i	-0.4170+0.9486i
66.5	0.2355-0.8872i	0.1956+1.0590i	0.1772-0.3042i	0.0264+0.4804i	-0.3600+0.5366i	-0.3219+0.5134i	-0.6600+0.8777i	-0.3759+0.9640i
66.6	0.2260-0.9265i	0.2171+1.0496i	0.1183-0.3358i	0.0797+0.4709i	-0.3403+0.5344i	-0.3016+0.5068i	-0.6206+0.8886i	-0.3430+0.9489i
66.7	0.2498-0.8748i	0.2078+0.9911i	0.1176-0.3517i	0.1250+0.4833i	-0.3206+0.5248i	-0.2851+0.4982i	-0.5879+0.8821i	-0.3244+0.9222i
66.8	0.1974-0.9320i	0.2184+1.0346i	0.0722-0.3856i	0.1663+0.4816i	-0.3046+0.5390i	-0.2690+0.5095i	-0.5567+0.9130i	-0.3021+0.9260i
66.9	0.2066-0.9259i	0.2636+1.0317i	0.0424-0.3893i	0.2103+0.4850i	-0.2819+0.5472i	-0.2510+0.5155i	-0.5124+0.9361i	-0.2645+0.9244i
67.0	0.1965-0.9586i	0.2492+1.0144i	0.0008-0.4143i	0.2442+0.5062i	-0.2752+0.5529i	-0.2371+0.5254i	-0.5012+0.9548i	-0.2613+0.9368i
67.1	0.1468-1.0348i	0.2838+1.0299i	-0.0286-0.4265i	0.3079+0.4998i	-0.2558+0.5580i	-0.2262+0.5256i	-0.4578+0.9657i	-0.2360+0.9334i
67.2	0.1320-1.0192i	0.3023+1.0247i	-0.1104-0.4337i	0.3480+0.4884i	-0.2325+0.5568i	-0.2020+0.5230i	-0.4055+0.9670i	-0.2145+0.9121i
67.3	0.1077-1.0405i	0.3209+1.0074i	-0.1587-0.4164i	0.3824+0.4954i	-0.2043+0.5542i	-0.1804+0.5194i	-0.3432+0.9736i	-0.1757+0.9021i
67.4	0.0950-1.0580i	0.3640+1.0035i	-0.1732-0.4277i	0.3983+0.4389i	-0.1843+0.5579i	-0.1653+0.5224i	-0.3054+0.9851i	-0.1617+0.8964i
67.5	0.0769-1.0745i	0.3747+1.0013i	-0.2117-0.3900i	0.4529+0.4457i	-0.1735+0.5602i	-0.1497+0.5189i	-0.2776+0.9764i	-0.1477+0.8970i
67.6	0.0679-1.0963i	0.3545+0.9984i	-0.2143-0.3934i	0.4525+0.4308i	-0.1666+0.5519i	-0.1444+0.5139i	-0.2605+0.9615i	-0.1425+0.8974i
67.7	0.0307-1.1081i	0.3804+1.0101i	-0.2510-0.3524i	0.4823+0.3911i	-0.1469+0.5508i	-0.1310+0.5138i	-0.2168+0.9537i	-0.1258+0.8933i
67.8	0.0039-1.1392i	0.4253+0.9619i	-0.3057-0.3443i	0.5370+0.3492i	-0.1210+0.5551i	-0.1078+0.5151i	-0.1723+0.9577i	-0.0931+0.9020i
67.9	-0.0464-1.1110i	0.4164+0.9593i	-0.3026-0.3265i	0.5655+0.3183i	-0.1089+0.5411i	-0.0923+0.5063i	-0.1414+0.9301i	-0.0787+0.8789i
68.0	-0.0228-1.1176i	0.4244+0.9819i	-0.3064-0.2984i	0.5467+0.2727i	-0.1033+0.5349i	-0.0877+0.4965i	-0.1283+0.9149i	-0.0725+0.8725i
68.1	-0.0853-1.1398i	0.4626+0.9572i	-0.3373-0.2589i	0.5922+0.2439i	-0.0726+0.5337i	-0.0633+0.4948i	-0.0756+0.9072i	-0.0371+0.8701i

68.2	-0.1394-1.1106i	0.4936+0.8983i	-0.3291-0.2668i	0.6158+0.1752i	-0.0448+0.5180i	-0.0381+0.4813i	-0.0268+0.8738i	0.0035+0.8439i
68.3	-0.1731-1.1389i	0.4994+0.9014i	-0.3656-0.2379i	0.6237+0.1667i	-0.0353+0.5124i	-0.0285+0.4757i	-0.0087+0.8620i	0.0111+0.8454i
68.4	-0.2042-1.1697i	0.4983+0.9124i	-0.3832-0.2359i	0.6584+0.1266i	-0.0364+0.5097i	-0.0306+0.4745i	-0.0021+0.8483i	0.0086+0.8406i
68.5	-0.2464-1.1195i	0.5414+0.8629i	-0.4294-0.1834i	0.6270+0.0972i	-0.0133+0.4912i	-0.0079+0.4589i	0.0360+0.8105i	0.0359+0.8148i
68.6	-0.2552-1.1049i	0.5384+0.8380i	-0.4338-0.1656i	0.6532+0.0750i	0.0001+0.4753i	0.0048+0.4446i	0.0592+0.7756i	0.0600+0.8015i
68.7	-0.2604-1.0996i	0.5608+0.8533i	-0.3620-0.1401i	0.6171+0.0376i	0.0048+0.4744i	0.0051+0.4438i	0.0596+0.7705i	0.0625+0.8102i
68.8	-0.2733-1.0780i	0.5530+0.8060i	-0.3829-0.1301i	0.6164+0.0019i	0.0160+0.4654i	0.0130+0.4339i	0.0772+0.7450i	0.0824+0.7943i
68.9	-0.2929-1.0930i	0.5534+0.8245i	-0.3718-0.1096i	0.6239-0.0069i	0.0185+0.4560i	0.0173+0.4240i	0.0781+0.7208i	0.0843+0.7821i
69.0	-0.3015-1.0859i	0.5484+0.8069i	-0.4045-0.0681i	0.6053-0.0783i	0.0238+0.4481i	0.0234+0.4163i	0.0822+0.7081i	0.1012+0.7786i
69.1	-0.3351-1.1001i	0.5619+0.8091i	-0.4151-0.0536i	0.6014-0.0893i	0.0394+0.4438i	0.0355+0.4154i	0.0972+0.6954i	0.1224+0.7657i
69.2	-0.3449-1.0806i	0.5286+0.7981i	-0.3898-0.0228i	0.5996-0.1093i	0.0405+0.4413i	0.0376+0.4100i	0.1019+0.6866i	0.1324+0.7720i
69.3	-0.3648-1.0737i	0.5596+0.7631i	-0.3903-0.0459i	0.5707-0.1560i	0.0494+0.4298i	0.0431+0.3981i	0.1139+0.6623i	0.1429+0.7442i
69.4	-0.3966-1.0675i	0.5573+0.7377i	-0.3710+0.0025i	0.5795-0.1758i	0.0644+0.4189i	0.0581+0.3926i	0.1311+0.6450i	0.1608+0.7329i
69.5	-0.3888-1.0525i	0.5833+0.7154i	-0.4064+0.0219i	0.5579-0.2023i	0.0753+0.4142i	0.0666+0.3862i	0.1487+0.6398i	0.1938+0.7306i
69.6	-0.4526-1.0163i	0.5656+0.6977i	-0.3556+0.0251i	0.5230-0.2448i	0.0806+0.3987i	0.0750+0.3743i	0.1584+0.6142i	0.2057+0.7000i
69.7	-0.4824-0.9725i	0.5616+0.6886i	-0.3753+0.0405i	0.5244-0.2553i	0.0889+0.3747i	0.0811+0.3511i	0.1715+0.5723i	0.2122+0.6656i
69.8	-0.4604-0.9752i	0.5614+0.6645i	-0.3565+0.0515i	0.4799-0.2640i	0.0990+0.3676i	0.0851+0.3430i	0.1837+0.5564i	0.2097+0.6553i
69.9	-0.4730-1.0037i	0.5615+0.7045i	-0.3614+0.0292i	0.5061-0.2534i	0.0970+0.3671i	0.0867+0.3434i	0.1809+0.5545i	0.2127+0.6497i
70.0	-0.5144-0.9724i	0.5560+0.6367i	-0.3355+0.0656i	0.4364-0.2774i	0.1041+0.3469i	0.0921+0.3260i	0.1880+0.5234i	0.2345+0.6200i
70.1	-0.5136-0.9527i	0.5509+0.6604i	-0.3686+0.0704i	0.4335-0.3027i	0.1097+0.3416i	0.0984+0.3220i	0.1940+0.5101i	0.2373+0.6156i
70.2	-0.5451-0.9552i	0.5919+0.6539i	-0.3489+0.0840i	0.4437-0.3009i	0.1213+0.3342i	0.1112+0.3157i	0.2159+0.4989i	0.2594+0.5983i
70.3	-0.5550-0.9249i	0.5690+0.6314i	-0.3321+0.0867i	0.4183-0.3117i	0.1215+0.3201i	0.1085+0.3018i	0.2099+0.4747i	0.2523+0.5831i
70.4	-0.5568-0.9196i	0.5682+0.6606i	-0.3138+0.1071i	0.4081-0.3368i	0.1157+0.3101i	0.1044+0.2950i	0.2066+0.4558i	0.2428+0.5796i
70.5	-0.5784-0.8707i	0.5753+0.6145i	-0.3417+0.1194i	0.3586-0.3121i	0.1189+0.3012i	0.1093+0.2815i	0.2018+0.4312i	0.2485+0.5567i
70.6	-0.5511-0.8972i	0.5487+0.6473i	-0.3010+0.1018i	0.3672-0.3341i	0.1176+0.2870i	0.1074+0.2716i	0.1975+0.4193i	0.2530+0.5434i
70.7	-0.5631-0.8599i	0.5569+0.6121i	-0.3360+0.1229i	0.3639-0.3407i	0.1203+0.2845i	0.1110+0.2656i	0.2035+0.4029i	0.2567+0.5327i
70.8	-0.5804-0.8474i	0.5316+0.6126i	-0.3033+0.1681i	0.3332-0.3462i	0.1211+0.2690i	0.1115+0.2548i	0.2007+0.3763i	0.2502+0.5172i
70.9	-0.5796-0.8226i	0.5701+0.5943i	-0.3055+0.1515i	0.3214-0.3424i	0.1166+0.2606i	0.1057+0.2480i	0.1984+0.3622i	0.2415+0.5072i
71.0	-0.5834-0.8013i	0.5590+0.5653i	-0.3013+0.1644i	0.3013-0.3559i	0.1155+0.2519i	0.1073+0.2397i	0.1934+0.3467i	0.2464+0.4894i
71.1	-0.5611-0.7680i	0.5272+0.5678i	-0.2952+0.1402i	0.2951-0.3531i	0.1146+0.2450i	0.1052+0.2320i	0.1904+0.3281i	0.2416+0.4810i
71.2	-0.5570-0.7651i	0.5140+0.5752i	-0.3159+0.1639i	0.3058-0.3566i	0.1093+0.2399i	0.1017+0.2294i	0.1806+0.3141i	0.2384+0.4848i
71.3	-0.5727-0.7778i	0.5247+0.5698i	-0.2895+0.1376i	0.2821-0.3442i	0.1092+0.2352i	0.1023+0.2261i	0.1765+0.3038i	0.2464+0.4808i
71.4	-0.5772-0.7535i	0.5201+0.5576i	-0.2652+0.1747i	0.2681-0.3709i	0.1068+0.2256i	0.1018+0.2109i	0.1704+0.2821i	0.2361+0.4725i
71.5	-0.5431-0.7545i	0.5021+0.5851i	-0.3160+0.2125i	0.2869-0.3701i	0.1050+0.2159i	0.0960+0.2090i	0.1599+0.2699i	0.2342+0.4696i
71.6	-0.5524-0.7302i	0.5139+0.5645i	-0.2938+0.2141i	0.2692-0.3655i	0.1034+0.2159i	0.0975+0.2018i	0.1540+0.2585i	0.2431+0.4688i
71.7	-0.5446-0.7385i	0.4694+0.5555i	-0.2874+0.2001i	0.2504-0.3680i	0.1024+0.2069i	0.0974+0.1942i	0.1453+0.2423i	0.2422+0.4528i
71.8	-0.5406-0.7322i	0.5075+0.5677i	-0.2637+0.2382i	0.2230-0.3554i	0.1011+0.2027i	0.0945+0.1948i	0.1344+0.2386i	0.2496+0.4503i
71.9	-0.5681-0.6953i	0.4797+0.5413i	-0.2643+0.2100i	0.2126-0.3593i	0.0988+0.1963i	0.0902+0.1848i	0.1264+0.2221i	0.2478+0.4389i
72.0	-0.5587-0.6811i	0.4560+0.5284i	-0.3098+0.2416i	0.2121-0.3741i	0.0955+0.1904i	0.0909+0.1805i	0.1202+0.2092i	0.2387+0.4494i
72.1	-0.5237-0.7082i	0.4698+0.5503i	-0.2829+0.2844i	0.2210-0.3892i	0.0943+0.1933i	0.0886+0.1792i	0.1032+0.1989i	0.2580+0.4469i
72.2	-0.5548-0.7115i	0.4723+0.5494i	-0.2748+0.2786i	0.2104-0.4079i	0.0939+0.1896i	0.0885+0.1800i	0.0940+0.1987i	0.2623+0.4453i
72.3	-0.5700-0.7303i	0.4616+0.5553i	-0.2393+0.2763i	0.1807-0.3945i	0.0947+0.1869i	0.0895+0.1759i	0.0839+0.2023i	0.2745+0.4449i
72.4	-0.5729-0.7127i	0.5041+0.5432i	-0.2481+0.2746i	0.1909-0.4130i	0.0919+0.1818i	0.0880+0.1716i	0.0751+0.1920i	0.2853+0.4366i
72.5	-0.5735-0.7081i	0.5065+0.5968i	-0.2001+0.3112i	0.1594-0.4086i	0.0914+0.1852i	0.0857+0.1737i	0.0600+0.1968i	0.2898+0.4375i
72.6	-0.5451-0.7292i	0.4607+0.5773i	-0.2317+0.3198i	0.1471-0.4047i	0.0874+0.1825i	0.0841+0.1680i	0.0537+0.1930i	0.2937+0.4294i
72.7	-0.5780-0.7051i	0.5206+0.5596i	-0.2276+0.2922i	0.1286-0.4062i	0.0906+0.1750i	0.0871+0.1601i	0.0517+0.1866i	0.3015+0.4105i
72.8	-0.5780-0.6865i	0.4890+0.5865i	-0.2311+0.3174i	0.1335-0.3976i	0.0940+0.1740i	0.0854+0.1593i	0.0422+0.1838i	0.3089+0.4051i
72.9	-0.5835-0.7032i	0.4960+0.5677i	-0.1974+0.3289i	0.1243-0.4015i	0.0897+0.1704i	0.0846+0.1544i	0.0318+0.1864i	0.3131+0.3995i
73.0	-0.5755-0.6939i	0.5101+0.5826i	-0.2191+0.3156i	0.1055-0.3985i	0.0906+0.1667i	0.0833+0.1510i	0.0258+0.1851i	0.3312+0.3812i
73.1	-0.5976-0.6879i	0.4876+0.5764i	-0.1541+0.3569i	0.0889-0.4493i	0.0880+0.1664i	0.0853+0.1484i	0.0090+0.1915i	0.3423+0.3766i
73.2	-0.5977-0.6992i	0.5040+0.5916i	-0.1488+0.3692i	0.0989-0.4296i	0.0945+0.1597i	0.0894+0.1473i	0.0078+0.1922i	0.3472+0.3619i
73.3	-0.6217-0.7137i	0.5153+0.5614i	-0.1597+0.3675i	0.0705-0.4395i	0.0893+0.1612i	0.0844+0.1426i	0.0072+0.1914i	0.3450+0.3572i
73.4	-0.6090-0.6883i	0.5577+0.5737i	-0.1321+0.3535i	0.0670-0.4266i	0.0949+0.1562i	0.0837+0.1392i	-0.0038+0.1913i	0.3490+0.3465i
73.5	-0.6213-0.6611i	0.5264+0.5819i	-0.0821+0.4039i	0.0794-0.4140i	0.0932+0.1526i	0.0813+0.1382i	-0.0110+0.1971i	0.3683+0.3303i
73.6	-0.6334-0.6507i	0.5318+0.5769i	-0.0879+0.3958i	0.0304-0.4098i	0.0905+0.1506i	0.0842+0.1320i	-0.0121+0.1984i	0.3701+0.3111i
73.7	-0.6293-0.6606i	0.5350+0.5674i	-0.0467+0.3757i	0.0064-0.4138i	0.0914+0.1413i	0.0794+0.1264i	-0.0172+0.2079i	0.3662+0.2908i
73.8	-0.6220-0.6647i	0.5250+0.5329i	-0.0568+0.4040i	0.0440-0.4318i	0.0909+0.1421i	0.0764+0.1231i	-0.0310+0.2055i	0.3700+0.2863i
73.9	-0.6216-0.6154i	0.5235+0.5429i	-0.0583+0.3735i	0.0122-0.4245i	0.0924+0.1391i	0.0759+0.1204i	-0.0200+0.2057i	0.3648+0.2618i
74.0	-0.6609-0.6230i	0.5430+0.5399i	-0.0350+0.4007i	0.0162-0.4464i	0.0934+0.1332i	0.0793+0.1164i	-0.0243+0.2180i	0.3711+0.2426i
74.1	-0.6384-0.6364i	0.5640+0.5353i	-0.0512+0.4099i	0.0253-0.4177i	0.0939+0.1355i	0.0760+0.1167i	-0.0289+0.2197i	0.3735+0.2405i
74.2	-0.6453-0.5959i	0.5526+0.4994i	0.0243+0.4082i	0.0079-0.4141i	0.0914+0.1258i	0.0787+0.1117i	-0.0225+0.2233i	0.3680+0.2142i
74.3	-0.6434-0.6043i	0.5617+0.5252i	0.0442+0.4062i	-0.0141-0.4338i	0.0922+0.1264i	0.0774+0.1090i	-0.0225+0.2331i	0.3696+0.1938i
74.4	-0.6670-0.5779i	0.5685+0.5107i	0.0243+0.4360i	-0.0142-0.4287i	0.0937+0.1231i	0.0751+0.1057i	-0.0207+0.2342i	0.3575+0.1909i

74.5	−0.6578−0.5612i	0.5247+0.4887i	0.0652+0.4226i	−0.0752−0.4385i	0.0943+0.1203i	0.0749+0.1076i	−0.0126+0.2321i	0.3570+0.1728i
74.6	−0.6423−0.5477i	0.5677+0.5251i	0.1019+0.4102i	−0.0589−0.4467i	0.0941+0.1123i	0.0774+0.1022i	−0.0170+0.2395i	0.3674+0.1521i
74.7	−0.6592−0.5648i	0.5816+0.5223i	0.0834+0.4311i	−0.0454−0.4356i	0.0956+0.1123i	0.0749+0.1028i	−0.0051+0.2334i	0.3473+0.1597i
74.8	−0.6598−0.5795i	0.5775+0.4913i	0.0967+0.4022i	−0.0700−0.4216i	0.0929+0.1054i	0.0723+0.0972i	−0.0015+0.2264i	0.3427+0.1531i
74.9	−0.6516−0.5641i	0.5835+0.4771i	0.1510+0.3791i	−0.1046−0.4430i	0.0928+0.1007i	0.0736+0.0934i	−0.0008+0.2244i	0.3376+0.1371i
75.0	−0.6533−0.5564i	0.5530+0.4862i	0.1539+0.3805i	−0.0763−0.4184i	0.0885+0.0977i	0.0704+0.0913i	0.0029+0.2180i	0.3388+0.1348i
75.1	−0.6618−0.5371i	0.5742+0.4589i	0.1689+0.3783i	−0.1067−0.4081i	0.0979+0.0875i	0.0738+0.0808i	0.0148+0.2078i	0.3297+0.1086i
75.2	−0.6770−0.5678i	0.5566+0.4595i	0.1818+0.3656i	−0.1618−0.4177i	0.0924+0.0834i	0.0720+0.0781i	0.0139+0.2102i	0.3267+0.0967i
75.3	−0.6826−0.5501i	0.5669+0.4350i	0.2101+0.3371i	−0.1706−0.4350i	0.0922+0.0799i	0.0724+0.0788i	0.0107+0.2046i	0.3222+0.0952i
75.4	−0.6581−0.5446i	0.5506+0.4433i	0.2156+0.3258i	−0.2003−0.4127i	0.0895+0.0770i	0.0682+0.0731i	0.0103+0.1940i	0.3139+0.0869i
75.5	−0.6895−0.5062i	0.5610+0.4312i	0.2140+0.2995i	−0.2035−0.3965i	0.0863+0.0714i	0.0666+0.0702i	0.0072+0.1876i	0.3067+0.0842i
75.6	−0.6444−0.5067i	0.5715+0.4312i	0.2342+0.2693i	−0.2008−0.4110i	0.0859+0.0680i	0.0647+0.0672i	0.0081+0.1810i	0.3035+0.0667i
75.7	−0.6843−0.5096i	0.5472+0.3980i	0.2372+0.2601i	−0.1957−0.3931i	0.0877+0.0607i	0.0648+0.0613i	0.0015+0.1798i	0.3026+0.0602i
75.8	−0.6592−0.5164i	0.5392+0.4138i	0.2675+0.2570i	−0.2655−0.3678i	0.0853+0.0591i	0.0651+0.0585i	−0.0022+0.1756i	0.3063+0.0491i
75.9	−0.6775−0.4993i	0.5149+0.3947i	0.2558+0.2193i	−0.2736−0.3721i	0.0779+0.0503i	0.0593+0.0586i	−0.0042+0.1752i	0.2883+0.0384i
76.0	−0.6541−0.5058i	0.5312+0.3691i	0.2547+0.2187i	−0.2620−0.3584i	0.0771+0.0478i	0.0579+0.0521i	−0.0109+0.1700i	0.2845+0.0349i
76.1	−0.6926−0.4994i	0.5323+0.4153i	0.2620+0.2446i	−0.2724−0.3644i	0.0782+0.0440i	0.0565+0.0486i	−0.0152+0.1664i	0.2949+0.0298i
76.2	−0.6549−0.4715i	0.5234+0.4156i	0.2676+0.2081i	−0.2664−0.3368i	0.0729+0.0449i	0.0521+0.0471i	−0.0210+0.1665i	0.2814+0.0190i
76.3	−0.6911−0.4638i	0.5409+0.4045i	0.2981+0.2204i	−0.2731−0.3060i	0.0727+0.0402i	0.0527+0.0419i	−0.0209+0.1637i	0.2840+0.0153i
76.4	−0.6749−0.4426i	0.5413+0.3734i	0.2811+0.1629i	−0.2984−0.3078i	0.0701+0.0326i	0.0497+0.0361i	−0.0289+0.1621i	0.2675−0.0090i
76.5	−0.6578−0.4470i	0.5251+0.4016i	0.2661+0.1856i	−0.2686−0.3017i	0.0574+0.0335i	0.0421+0.0385i	−0.0383+0.1594i	0.2554−0.0017i
76.6	−0.6707−0.4483i	0.5078+0.3833i	0.2743+0.1772i	−0.2835−0.2789i	0.0559+0.0275i	0.0431+0.0331i	−0.0368+0.1599i	0.2466−0.0208i
76.7	−0.6417−0.4202i	0.5084+0.3753i	0.3036+0.1325i	−0.2978−0.2601i	0.0538+0.0236i	0.0417+0.0315i	−0.0367+0.1649i	0.2392−0.0387i
76.8	−0.6398−0.4257i	0.4819+0.3883i	0.2650+0.1361i	−0.3098−0.2776i	0.0491+0.0192i	0.0357+0.0286i	−0.0426+0.1635i	0.2392−0.0417i
76.9	−0.6376−0.4373i	0.4783+0.3831i	0.2553+0.1090i	−0.3276−0.2474i	0.0469+0.0192i	0.0300+0.0270i	−0.0503+0.1649i	0.2301−0.0477i
77.0	−0.6444−0.4394i	0.4453+0.3668i	0.2486+0.1064i	−0.3279−0.2049i	0.0393+0.0136i	0.0292+0.0223i	−0.0556+0.1707i	0.2169−0.0576i
77.1	−0.6268−0.3786i	0.4681+0.3589i	0.2740+0.0788i	−0.3158−0.2325i	0.0376+0.0108i	0.0234+0.0216i	−0.0569+0.1706i	0.2181−0.0703i
77.2	−0.6344−0.4128i	0.4559+0.3665i	0.2468+0.0641i	−0.3459−0.2018i	0.0317+0.0065i	0.0198+0.0202i	−0.0600+0.1689i	0.1882−0.0732i
77.3	−0.6271−0.4150i	0.4723+0.3509i	0.2556+0.0864i	−0.3230−0.1905i	0.0246+0.0014i	0.0183+0.0167i	−0.0612+0.1657i	0.1858−0.0834i
77.4	−0.6138−0.4161i	0.4350+0.4047i	0.2651+0.0663i	−0.3190−0.1955i	0.0235+0.0025i	0.0115+0.0141i	−0.0638+0.1653i	0.1784−0.0878i
77.5	−0.6200−0.3982i	0.4344+0.4096i	0.2799+0.0403i	−0.3806−0.1866i	0.0192+0.0046i	0.0101+0.0165i	−0.0681+0.1722i	0.1701−0.0981i
77.6	−0.6163−0.3876i	0.4352+0.3819i	0.2939−0.0001i	−0.3504−0.1934i	0.0136−0.0041i	0.0060+0.0126i	−0.0735+0.1714i	0.1491−0.1113i
77.7	−0.5809−0.3987i	0.3828+0.4023i	0.2692+0.0169i	−0.3589−0.1390i	0.0081−0.0033i	0.0015+0.0106i	−0.0735+0.1745i	0.1410−0.1074i
77.8	−0.5942−0.3825i	0.4528+0.4341i	0.2540+0.0241i	−0.3341−0.1370i	0.0021−0.0043i	−0.0035+0.0090i	−0.0750+0.1720i	0.1199−0.1065i
77.9	−0.5833−0.4049i	0.3999+0.3959i	0.2363+0.0261i	−0.3296−0.1179i	0.0004−0.0059i	−0.0066+0.0031i	−0.0823+0.1669i	0.1153−0.1057i
78.0	−0.5535−0.3915i	0.3969+0.4422i	0.2786−0.0003i	−0.3571−0.0884i	−0.0047−0.0062i	−0.0111+0.0047i	−0.0871+0.1739i	0.1045−0.1126i
78.1	−0.5349−0.4122i	0.4032+0.4455i	0.2250+0.0013i	−0.3372−0.1273i	−0.0120−0.0101i	−0.0167+0.0076i	−0.0844+0.1679i	0.0887−0.1020i
78.2	−0.5718−0.4225i	0.4291+0.4630i	0.2378−0.0071i	−0.3625−0.1017i	−0.0187−0.0020i	−0.0190+0.0023i	−0.0973+0.1698i	0.0701−0.1111i
78.3	−0.6120−0.3986i	0.3984+0.4725i	0.2417−0.0154i	−0.3722−0.0641i	−0.0250−0.0042i	−0.0278+0.0054i	−0.1021+0.1812i	0.0682−0.1162i
78.4	−0.5789−0.4218i	0.4227+0.4557i	0.2511−0.0392i	−0.3388−0.0711i	−0.0272−0.0101i	−0.0340+0.0025i	−0.1063+0.1758i	0.0640−0.1142i
78.5	−0.5388−0.4562i	0.3933+0.4954i	0.2328−0.0308i	−0.3519−0.0720i	−0.0341−0.0069i	−0.0363+0.0056i	−0.1056+0.1730i	0.0382−0.1176i
78.6	−0.5290−0.3875i	0.3814+0.4888i	0.2030−0.0464i	−0.3376−0.0368i	−0.0459−0.0030i	−0.0407+0.0059i	−0.1133+0.1784i	0.0256−0.1125i
78.7	−0.5712−0.4063i	0.4140+0.4735i	0.2051−0.0491i	−0.3390−0.0253i	−0.0469−0.0028i	−0.0448+0.0109i	−0.1108+0.1881i	0.0123−0.1075i
78.8	−0.5156−0.4342i	0.3757+0.4832i	0.2239−0.0406i	−0.3162+0.0086i	−0.0496−0.0018i	−0.0524+0.0082i	−0.1143+0.1933i	−0.0041−0.1059i
78.9	−0.5415−0.3691i	0.3619+0.5265i	0.2038−0.0353i	−0.3382+0.0440i	−0.0555+0.0031i	−0.0559+0.0104i	−0.1154+0.1993i	−0.0097−0.1076i
79.0	−0.3898−0.4348i	0.4343+0.5652i	0.2943−0.0573i	−0.2225+0.0410i	−0.0579−0.0000i	−0.0576+0.0083i	−0.1121+0.1835i	−0.0223−0.1015i
79.1	−0.4472−0.6462i	0.4408+0.5273i	0.2474−0.1642i	−0.2616−0.0902i	−0.0791−0.0097i	−0.0757+0.0067i	−0.1619+0.1834i	−0.0390−0.0930i
79.2	−0.5829−0.5913i	0.3950+0.5327i	0.1862−0.1583i	−0.3429−0.0699i	−0.0806+0.0066i	−0.0788+0.0165i	−0.1687+0.2192i	−0.0370−0.0853i
79.3	−0.5560−0.5711i	0.4231+0.5950i	0.1714−0.1198i	−0.2925−0.0173i	−0.0770+0.0169i	−0.0759+0.0258i	−0.1425+0.2374i	−0.0527−0.0773i
79.4	−0.5838−0.5479i	0.4455+0.5225i	0.1863−0.0828i	−0.3151−0.0014i	−0.0799+0.0193i	−0.0779+0.0322i	−0.1430+0.2466i	−0.0551−0.0729i
79.5	−0.5815−0.5408i	0.4688+0.5686i	0.2046−0.0895i	−0.2978+0.0159i	−0.0796+0.0224i	−0.0755+0.0330i	−0.1390+0.2564i	−0.0546−0.0791i
79.6	−0.5504−0.5485i	0.4527+0.5723i	0.2061−0.1170i	−0.2852+0.0472i	−0.0852+0.0257i	−0.0792+0.0329i	−0.1259+0.2634i	−0.0646−0.0745i
79.7	−0.5614−0.5594i	0.4775+0.6286i	0.1967−0.0955i	−0.2822+0.0335i	−0.0794+0.0327i	−0.0787+0.0369i	−0.1149+0.2693i	−0.0770−0.0709i
79.8	−0.6137−0.5885i	0.5190+0.6110i	0.1742−0.1252i	−0.2820+0.0154i	−0.0852+0.0319i	−0.0776+0.0430i	−0.1128+0.2707i	−0.0843−0.0645i
79.9	−0.6347−0.5960i	0.5226+0.6052i	0.1772−0.1342i	−0.2489+0.0420i	−0.0883+0.0373i	−0.0810+0.0422i	−0.1057+0.2711i	−0.0930−0.0590i
80.0	−0.6417−0.6184i	0.5453+0.6380i	0.1265−0.1292i	−0.2658+0.0197i	−0.0934+0.0376i	−0.0870+0.0466i	−0.1046+0.2770i	−0.1090−0.0497i

1.1.2 Run 1 – IP000 – SF and shaft bending gauges

In-plane shaking at 0°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0999+0.0000i	0.0011+0.0000i	-0.0091+0.0000i	-0.0047+0.0000i	6.1164+0.0000i	6.8595+0.0000i	7.6747+0.0000i	-2.2995+0.0000i
0.1	-0.0161-0.0040i	-0.0318+0.0083i	-0.0053+0.0103i	-0.0178-0.0004i	3.9972+0.9121i	-12.9377+0.4542i	4.5627+0.1587i	-5.0482+0.0321i
0.2	0.0004-0.0015i	-0.0351-0.0013i	-0.0111+0.0090i	-0.0153+0.0002i	14.6246-0.4612i	-18.5579+0.3558i	7.7762-0.2089i	-6.9216+0.1170i
0.3	-0.0023-0.0032i	-0.0393-0.0059i	-0.0043-0.0007i	-0.0164-0.0081i	14.4752+0.7035i	-19.0215+0.9579i	7.4730-0.0542i	-6.8907+0.4217i
0.4	-0.0061-0.0088i	-0.0376-0.0007i	-0.0118+0.0005i	-0.0173+0.0057i	13.0777+0.4268i	-17.2611+1.2521i	6.8456+0.2076i	-5.7565+0.1726i
0.5	-0.0085-0.0250i	-0.0247-0.0090i	-0.0067-0.0183i	-0.0174+0.0038i	9.5842-1.1343i	-13.1753+1.4423i	2.3367+0.2324i	-2.7429-0.1543i
0.6	-0.0199-0.0338i	0.0328-0.0280i	0.0117-0.0196i	-0.0290-0.0232i	5.0143+2.3541i	-13.7747-2.7209i	5.7155+5.1551i	-7.3780-3.3040i
0.7	-0.0181+0.0046i	-0.0077-0.0113i	-0.0259-0.0129i	-0.0133+0.0004i	19.5287+2.2500i	-25.2908+0.2822i	14.2841+1.0208i	-13.3785-0.3856i
0.8	-0.0164+0.0057i	-0.0340+0.0164i	-0.0210+0.0059i	-0.0212+0.0103i	20.9421+0.0182i	-24.9699+0.1486i	13.8715-0.5641i	-12.0725-0.4991i
0.9	-0.0106+0.0103i	-0.0589-0.0051i	-0.0235+0.0005i	-0.0295+0.0015i	19.2383+1.2709i	-20.9752-0.6695i	10.8952+0.7111i	-8.7471-0.8868i
1.0	0.0017+0.0182i	-0.0456+0.1379i	-0.0168+0.0608i	-0.0189+0.0688i	22.4230-1.6835i	-27.0599-8.4073i	15.3394+1.4987i	-13.7841-6.7323i
1.1	0.0114-0.0040i	0.0707+0.0155i	0.0329+0.0060i	0.0344+0.0067i	15.8695-0.2146i	-27.9533+0.5847i	10.9022-0.4785i	-13.7552-0.0423i
1.2	-0.0029-0.0094i	0.0803-0.0320i	0.0331-0.0158i	0.0337-0.0176i	16.3924+1.5126i	-28.6626+2.6550i	11.2182+0.0827i	-14.0079+1.2715i
1.3	-0.0194-0.0073i	-0.0748-0.0449i	-0.0342-0.0190i	-0.0396-0.0241i	20.4124+1.7221i	-21.0218+2.7976i	12.0397+0.1243i	-9.4314+1.4687i
1.4	-0.0124+0.0000i	-0.0254-0.0065i	-0.0133-0.0030i	-0.0165-0.0037i	19.2963+0.4916i	-23.6990+1.3114i	11.7951-0.2596i	-10.9710+0.5099i
1.5	-0.0083-0.0009i	-0.0361+0.0102i	-0.0142+0.0038i	-0.0181+0.0029i	19.1938+0.1811i	-23.8014+1.0935i	11.6693-0.3621i	-11.0124+0.3841i
1.6	-0.0202+0.0006i	0.0021+0.0119i	-0.0054+0.0043i	-0.0096+0.0037i	19.0805+0.1475i	-23.7814+0.8489i	11.5478-0.3457i	-10.9655+0.2568i
1.7	-0.0183+0.0053i	-0.0062+0.0012i	-0.0073+0.0024i	-0.0121+0.0023i	19.0331+0.1109i	-23.8376+0.8577i	11.4809-0.3409i	-10.9869+0.2720i
1.8	-0.0206+0.0063i	-0.0081+0.0001i	-0.0082+0.0021i	-0.0133+0.0019i	19.2420+0.1281i	-24.0761+0.8287i	11.5830-0.3360i	-11.0827+0.2808i
1.9	-0.0255+0.0111i	-0.0094+0.0018i	-0.0102+0.0042i	-0.0155+0.0039i	19.5224+0.0813i	-24.3412+0.8051i	11.7298-0.3395i	-11.1879+0.2605i
2.0	-0.0314+0.0210i	-0.0084+0.0061i	-0.0115+0.0086i	-0.0173+0.0087i	19.9960+0.0030i	-24.9429+0.7972i	12.0060-0.3601i	-11.4540+0.2407i
2.1	-0.0335+0.0668i	0.0016+0.0345i	-0.0088+0.0329i	-0.0154+0.0330i	20.7127-0.6795i	-25.8756+1.0697i	12.4203-0.7257i	-11.8930+0.2884i
2.2	0.0660+0.0344i	0.1052-0.0177i	0.0586+0.0048i	0.0503+0.0072i	21.5735-0.8320i	-28.8090+2.0555i	13.1153-0.8298i	-13.4105+0.7738i
2.3	-0.0136+0.0651i	-0.0904-0.2276i	-0.0363-0.0602i	-0.0359-0.0463i	21.2868-14.5794i	-25.1929+21.6477i	12.7478-9.6163i	-11.7837+10.2315i
2.4	0.0313-0.0036i	-0.0761+0.0086i	-0.0159+0.0021i	-0.0165+0.0013i	14.2956-1.2378i	-17.0682+2.1451i	8.3638-1.0460i	-7.7009+0.9759i
2.5	0.0196-0.0038i	-0.0426+0.0105i	-0.0080+0.0031i	-0.0103+0.0021i	16.2566-0.3530i	-19.8927+1.0647i	9.5870-0.5111i	-9.0632+0.4526i
2.6	0.0141-0.0039i	-0.0316+0.0090i	-0.0058+0.0021i	-0.0091+0.0013i	16.9445-0.0921i	-20.8705+0.7148i	10.0143-0.3370i	-9.5177+0.2850i
2.7	0.0105-0.0030i	-0.0277+0.0076i	-0.0053+0.0021i	-0.0090+0.0013i	17.3980-0.0777i	-21.4546+0.7062i	10.3085-0.3310i	-9.8049+0.2801i
2.8	0.0085-0.0034i	-0.0254+0.0066i	-0.0052+0.0015i	-0.0089+0.0010i	17.6142-0.0114i	-21.7160+0.6109i	10.4257-0.2836i	-9.9151+0.2363i
2.9	0.0070-0.0036i	-0.0232+0.0062i	-0.0049+0.0014i	-0.0086+0.0007i	17.8497-0.0206i	-22.1142+0.5924i	10.6000-0.2822i	-10.1199+0.2232i
3.0	0.0055-0.0037i	-0.0222+0.0056i	-0.0049+0.0010i	-0.0089+0.0001i	17.8788-0.0999i	-22.1376+0.7108i	10.5903-0.3392i	-10.1262+0.2940i
3.1	0.0049-0.0038i	-0.0217+0.0053i	-0.0048+0.0010i	-0.0090+0.0001i	18.0542+0.0169i	-22.3531+0.5686i	10.6962-0.2555i	-10.2223+0.2298i
3.2	0.0043-0.0036i	-0.0212+0.0051i	-0.0050+0.0010i	-0.0091+0.0002i	18.1628-0.0223i	-22.4782+0.6082i	10.7640-0.2768i	-10.2868+0.2478i
3.3	0.0036-0.0037i	-0.0208+0.0051i	-0.0050+0.0009i	-0.0094+0.0002i	18.2319-0.0053i	-22.5689+0.5816i	10.8107-0.2615i	-10.3329+0.2366i
3.4	0.0033-0.0039i	-0.0209+0.0050i	-0.0051+0.0009i	-0.0095+0.0000i	18.3259-0.0144i	-22.6763+0.5739i	10.8604-0.2594i	-10.3820+0.2357i
3.5	0.0032-0.0038i	-0.0208+0.0048i	-0.0048+0.0007i	-0.0095-0.0000i	18.4343+0.0608i	-22.8209+0.4905i	10.9302-0.1872i	-10.4507+0.1729i
3.6	0.0028-0.0038i	-0.0206+0.0052i	-0.0052+0.0009i	-0.0096+0.0002i	18.5231-0.0166i	-22.9061+0.5449i	11.0112-0.2541i	-10.5257+0.2312i
3.7	0.0024-0.0044i	-0.0201+0.0050i	-0.0051+0.0008i	-0.0096-0.0000i	18.6179-0.0355i	-23.0385+0.5860i	11.0602-0.2690i	-10.5794+0.2544i
3.8	0.0024-0.0043i	-0.0202+0.0048i	-0.0049+0.0007i	-0.0097+0.0000i	18.6233-0.0489i	-23.0520+0.5736i	11.0551-0.2714i	-10.5852+0.2545i
3.9	0.0022-0.0043i	-0.0203+0.0051i	-0.0050+0.0007i	-0.0098+0.0001i	18.7287-0.0381i	-23.1648+0.5592i	11.1215-0.2632i	-10.6434+0.2499i
4.0	0.0021-0.0042i	-0.0203+0.0051i	-0.0050+0.0007i	-0.0099-0.0002i	18.8164+0.0086i	-23.2800+0.5118i	11.1884-0.2380i	-10.6971+0.2247i
4.1	0.0018-0.0046i	-0.0202+0.0051i	-0.0050+0.0005i	-0.0100+0.0000i	18.9672-0.0433i	-23.4461+0.5470i	11.2687-0.2573i	-10.7795+0.2482i
4.2	0.0018-0.0049i	-0.0208+0.0057i	-0.0051+0.0010i	-0.0103+0.0001i	18.9413-0.1222i	-23.4312+0.6235i	11.2603-0.3023i	-10.7842+0.2896i
4.3	0.0017-0.0045i	-0.0208+0.0055i	-0.0054+0.0008i	-0.0103+0.0001i	19.0043-0.0612i	-23.5325+0.5604i	11.3143-0.2655i	-10.8254+0.2549i
4.4	0.0017-0.0044i	-0.0211+0.0062i	-0.0052+0.0010i	-0.0108+0.0002i	19.1862-0.1251i	-23.7425+0.5860i	11.4222-0.2977i	-10.9382+0.2734i
4.5	0.0026-0.0051i	-0.0205+0.0068i	-0.0048+0.0010i	-0.0102+0.0005i	19.1692-0.1440i	-23.7265+0.6173i	11.4073-0.3096i	-10.9364+0.2957i
4.6	0.0023-0.0059i	-0.0208+0.0068i	-0.0050+0.0006i	-0.0104+0.0002i	19.2717-0.0542i	-23.8762+0.5191i	11.4909-0.2545i	-11.0159+0.2517i
4.7	0.0018-0.0061i	-0.0206+0.0072i	-0.0047+0.0006i	-0.0105+0.0003i	19.3463-0.0962i	-23.9718+0.5964i	11.5413-0.2960i	-11.0702+0.2878i
4.8	0.0016-0.0060i	-0.0206+0.0066i	-0.0048+0.0007i	-0.0105+0.0001i	19.4524-0.1043i	-24.0903+0.5675i	11.5933-0.2784i	-11.1250+0.2654i
4.9	0.0023-0.0064i	-0.0216+0.0070i	-0.0048+0.0003i	-0.0106+0.0001i	19.5396-0.0103i	-24.2411+0.4574i	11.6755-0.2299i	-11.2351+0.2359i
5.0	0.0026-0.0068i	-0.0221+0.0077i	-0.0052+0.0006i	-0.0107+0.0003i	19.6983-0.0902i	-24.4178+0.5829i	11.7689-0.2854i	-11.3123+0.3009i
5.1	0.0020-0.0068i	-0.0221+0.0081i	-0.0051+0.0008i	-0.0114+0.0003i	19.7452-0.1494i	-24.4831+0.6122i	11.8199-0.3094i	-11.3403+0.3095i
5.2	0.0023-0.0057i	-0.0215+0.0077i	-0.0049+0.0011i	-0.0112+0.0006i	19.9138-0.1507i	-24.6755+0.6267i	11.9346-0.3245i	-11.4332+0.3222i
5.3	0.0034-0.0065i	-0.0228+0.0089i	-0.0049+0.0010i	-0.0113+0.0010i	20.0408-0.2543i	-24.8463+0.7166i	12.0122-0.3703i	-11.5183+0.3616i
5.4	0.0029-0.0091i	-0.0230+0.0115i	-0.0049+0.0009i	-0.0114+0.0009i	20.0526-0.1668i	-24.8816+0.6588i	12.0149-0.3210i	-11.5521+0.3333i
5.5	0.0026-0.0083i	-0.0225+0.0111i	-0.0046+0.0014i	-0.0116+0.0011i	20.2792-0.2105i	-25.1477+0.6865i	12.1686-0.3486i	-11.6842+0.3603i
5.6	0.0028-0.0075i	-0.0224+0.0107i	-0.0046+0.0013i	-0.0119+0.0013i	20.3120-0.2145i	-25.1934+0.6988i	12.1974-0.3697i	-11.7178+0.3689i

5.7	0.0032-0.0096i	-0.0223+0.0128i	-0.0042+0.0014i	-0.0118+0.0012i	20.5898-0.2768i	-25.5792+0.7591i	12.3858-0.3973i	-11.9087+0.4031i
5.8	0.0031-0.0100i	-0.0221+0.0146i	-0.0040+0.0018i	-0.0119+0.0020i	20.5191-0.4010i	-25.4289+0.9218i	12.3298-0.4709i	-11.8582+0.4787i
5.9	0.0040-0.0114i	-0.0219+0.0167i	-0.0038+0.0019i	-0.0116+0.0021i	20.7501-0.3275i	-25.7386+0.8070i	12.4914-0.4265i	-12.0000+0.4249i
6.0	0.0051-0.0115i	-0.0207+0.0180i	-0.0032+0.0021i	-0.0110+0.0026i	20.7750-0.3519i	-25.8026+0.8266i	12.5138-0.4359i	-12.0470+0.4263i
6.1	0.0052-0.0137i	-0.0193+0.0178i	-0.0015+0.0014i	-0.0109+0.0018i	20.8962-0.4539i	-26.0243+0.9586i	12.6203-0.4897i	-12.1714+0.4951i
6.2	0.0043-0.0165i	-0.0172+0.0191i	-0.0012+0.0009i	-0.0105+0.0013i	21.0512-0.3805i	-26.1895+0.8704i	12.7123-0.4547i	-12.2575+0.4625i
6.3	0.0056-0.0172i	-0.0172+0.0182i	-0.0005+0.0003i	-0.0112+0.0012i	21.1831-0.4166i	-26.4387+0.9753i	12.8254-0.4731i	-12.3925+0.5339i
6.4	0.0041-0.0179i	-0.0164+0.0177i	0.0001-0.0000i	-0.0113+0.0007i	21.3359-0.4299i	-26.6091+1.0300i	12.9161-0.5027i	-12.4812+0.5512i
6.5	0.0010-0.0191i	-0.0142+0.0179i	0.0008-0.0007i	-0.0129+0.0004i	21.5937-0.4820i	-27.0008+1.0604i	13.1033-0.5474i	-12.7018+0.5637i
6.6	0.0026-0.0192i	-0.0151+0.0178i	0.0017-0.0015i	-0.0135+0.0017i	21.7784-0.6544i	-27.2456+1.2999i	13.2269-0.6434i	-12.8326+0.6925i
6.7	0.0015-0.0209i	-0.0134+0.0190i	0.0029-0.0026i	-0.0146+0.0019i	22.1183-0.7033i	-27.6883+1.3990i	13.4588-0.7108i	-13.0719+0.7358i
6.8	-0.0007-0.0233i	-0.0103+0.0201i	0.0043-0.0041i	-0.0153+0.0028i	22.3363-0.8646i	-27.9666+1.6079i	13.6049-0.8166i	-13.2175+0.8504i
6.9	-0.0009-0.0258i	-0.0084+0.0203i	0.0067-0.0072i	-0.0160+0.0048i	22.6993-1.0139i	-28.4712+1.8832i	13.8608-0.9359i	-13.4910+1.0286i
7.0	-0.0025-0.0287i	-0.0065+0.0192i	0.0091-0.0128i	-0.0182+0.0078i	23.1558-1.6308i	-29.0336+2.7394i	14.1667-1.3476i	-13.7736+1.4768i
7.1	-0.0083-0.0357i	0.0001+0.0200i	0.0076-0.0245i	-0.0170+0.0154i	23.0399-2.5277i	-28.8265+4.0635i	14.1041-1.9637i	-13.6772+2.1663i
7.2	-0.0222-0.0405i	0.0031+0.0116i	-0.0081-0.0358i	-0.0078+0.0188i	21.9536-3.0778i	-27.2304+4.8947i	13.3516-2.3469i	-12.8399+2.6264i
7.3	-0.0312-0.0283i	-0.0043+0.0069i	-0.0221-0.0270i	-0.0036+0.0141i	21.6012-2.5619i	-26.5932+4.1296i	13.0947-1.9936i	-12.4741+2.2074i
7.4	-0.0335-0.0144i	-0.0067+0.0095i	-0.0306-0.0179i	0.0024+0.0173i	20.8275-2.3828i	-25.5210+3.6625i	12.5745-1.8553i	-11.9730+1.9931i
7.5	-0.0231-0.0091i	-0.0049+0.0102i	-0.0275-0.0045i	0.0078+0.0071i	21.0463-1.3713i	-25.9413+2.1830i	12.7401-1.1276i	-12.1477+1.1673i
7.6	-0.0185-0.0111i	-0.0056+0.0085i	-0.0215-0.0023i	0.0045+0.0017i	21.5470-0.8999i	-26.7071+1.6194i	13.1362-0.8140i	-12.6069+0.9075i
7.7	-0.0189-0.0124i	-0.0062+0.0080i	-0.0196-0.0014i	0.0016+0.0000i	22.0835-1.0262i	-27.4454+1.7575i	13.5005-0.9026i	-12.9823+0.9768i
7.8	-0.0172-0.0126i	-0.0080+0.0083i	-0.0183-0.0011i	0.0005-0.0007i	22.6341-1.1004i	-28.1087+1.9102i	13.8595-0.9555i	-13.3106+1.0477i
7.9	-0.0167-0.0140i	-0.0086+0.0092i	-0.0178-0.0020i	-0.0001-0.0003i	22.8789-1.2051i	-28.4694+2.1364i	14.0479-1.0648i	-13.5313+1.1939i
8.0	-0.0187-0.0145i	-0.0073+0.0068i	-0.0188-0.0017i	-0.0000-0.0025i	22.9372-1.3801i	-28.5596+2.3158i	14.0694-1.1948i	-13.5666+1.3096i
8.1	-0.0202-0.0118i	-0.0073+0.0074i	-0.0173-0.0009i	-0.0017-0.0013i	23.2449-1.4194i	-29.0014+2.4307i	14.2913-1.2368i	-13.8230+1.3268i
8.2	-0.0209-0.0125i	-0.0073+0.0079i	-0.0193-0.0004i	-0.0005-0.0016i	23.5170-1.5248i	-29.2644+2.5763i	14.4819-1.3062i	-13.9736+1.4374i
8.3	-0.0193-0.0111i	-0.0096+0.0074i	-0.0200+0.0005i	0.0001-0.0026i	23.8003-1.6342i	-29.6117+2.7148i	14.6623-1.3873i	-14.1273+1.5443i
8.4	-0.0197-0.0104i	-0.0100+0.0078i	-0.0201+0.0017i	-0.0003-0.0034i	24.1733-1.5885i	-30.0649+2.6591i	14.8912-1.3453i	-14.3278+1.5232i
8.5	-0.0198-0.0106i	-0.0098+0.0087i	-0.0210+0.0026i	-0.0001-0.0038i	24.6994-1.7122i	-30.7430+2.8065i	15.2590-1.4863i	-14.7133+1.6379i
8.6	-0.0178-0.0103i	-0.0109+0.0094i	-0.0218+0.0035i	0.0010-0.0046i	25.1191-1.8943i	-31.3557+2.9759i	15.5604-1.5536i	-15.0525+1.6425i
8.7	-0.0186-0.0108i	-0.0109+0.0101i	-0.0228+0.0048i	0.0016-0.0058i	25.6689-2.3969i	-32.0720+3.6464i	15.9473-1.9363i	-15.4528+2.0253i
8.8	-0.0192-0.0101i	-0.0107+0.0113i	-0.0238+0.0079i	0.0027-0.0077i	26.3221-3.0864i	-32.9338+4.4972i	16.4038-2.4020i	-15.8936+2.4698i
8.9	-0.0205-0.0122i	-0.0110+0.0115i	-0.0250+0.0104i	0.0023-0.0111i	26.6528-3.8974i	-33.3395+5.5738i	16.6058-2.9688i	-16.0743+3.0519i
9.0	-0.0220-0.0107i	-0.0114+0.0165i	-0.0265+0.0157i	0.0033-0.0136i	27.1669-4.9652i	-33.9980+6.9757i	16.9411-3.7247i	-16.4520+3.7939i
9.1	-0.0237-0.0094i	-0.0043+0.0182i	-0.0209+0.0210i	0.0005-0.0161i	26.1699-5.8221i	-32.7355+8.0589i	16.2401-4.2713i	-15.7766+4.3796i
9.2	-0.0214-0.0140i	-0.0050+0.0192i	-0.0238+0.0222i	0.0051-0.0201i	27.4253-6.5319i	-34.4073+9.0866i	17.1161-4.7517i	-16.6788+4.8735i
9.3	-0.0282-0.0152i	0.0023+0.0225i	-0.0180+0.0359i	-0.0016-0.0327i	26.3661-10.1574i	-32.9849+13.9454i	16.3280-7.2997i	-15.9101+7.4793i
9.4	-0.0342-0.0082i	0.0145+0.0168i	0.0004+0.0401i	-0.0171-0.0353i	21.7104-11.5213i	-26.8616+15.6319i	13.1507-8.1491i	-12.6943+8.3246i
9.5	-0.0327+0.0001i	0.0159+0.0048i	0.0136+0.0290i	-0.0280-0.0258i	18.3954-8.8123i	-22.5057+12.0483i	10.9007-6.2381i	-10.3905+6.4355i
9.6	-0.0267+0.0026i	0.0097-0.0028i	0.0150+0.0169i	-0.0300-0.0161i	18.1127-5.6765i	-22.1200+7.9386i	10.7342-4.0886i	-10.1985+4.2701i
9.7	-0.0228+0.0039i	0.0049-0.0063i	0.0125+0.0098i	-0.0272-0.0105i	18.8724-3.8425i	-23.1094+5.5011i	11.2705-2.8152i	-10.7220+2.9633i
9.8	-0.0200+0.0027i	0.0018-0.0071i	0.0103+0.0058i	-0.0248-0.0075i	19.6838-2.6944i	-24.2059+4.0682i	11.8676-2.0330i	-11.3093+2.2061i
9.9	-0.0207+0.0014i	-0.0004-0.0060i	0.0073+0.0039i	-0.0231-0.0061i	20.5303-2.0424i	-25.3847+3.1699i	12.4687-1.5899i	-11.9702+1.7457i
10.0	-0.0195+0.0011i	-0.0026-0.0066i	0.0051+0.0021i	-0.0218-0.0052i	21.2864-1.6322i	-26.3745+2.6905i	12.9986-1.2981i	-12.4972+1.4962i
10.1	-0.0183+0.0010i	-0.0047-0.0059i	0.0033+0.0011i	-0.0203-0.0044i	21.7995-1.2876i	-27.0996+2.2418i	13.3883-1.0783i	-12.9017+1.2815i
10.2	-0.0181+0.0000i	-0.0055-0.0043i	0.0022+0.0012i	-0.0200-0.0039i	22.5432-1.2476i	-28.0891+2.0811i	13.8960-1.0524i	-13.4134+1.1905i
10.3	-0.0179+0.0017i	-0.0056-0.0055i	0.0022+0.0014i	-0.0187-0.0042i	23.0812-1.2704i	-28.8383+2.1453i	14.2749-1.0685i	-13.8143+1.2346i
10.4	-0.0166+0.0012i	-0.0049-0.0042i	0.0022+0.0017i	-0.0179-0.0039i	23.5299-1.1709i	-29.5408+2.0537i	14.5931-1.0095i	-14.2176+1.2001i
10.5	-0.0154-0.0001i	-0.0043-0.0053i	0.0029+0.0007i	-0.0171-0.0048i	23.8183-1.0460i	-30.0230+1.9184i	14.7968-0.9445i	-14.4725+1.1311i
10.6	-0.0150-0.0008i	-0.0035-0.0077i	0.0028-0.0015i	-0.0156-0.0049i	24.1126-0.8711i	-30.5480+1.8258i	14.9793-0.8071i	-14.7398+1.0380i
10.7	-0.0150-0.0017i	-0.0033-0.0102i	0.0024-0.0034i	-0.0156-0.0060i	24.4859-0.6833i	-31.1635+1.7152i	15.2717-0.6733i	-15.0752+0.9996i
10.8	-0.0157-0.0013i	-0.0056-0.0139i	0.0018-0.0045i	-0.0162-0.0077i	25.0512-0.3361i	-31.8653+1.6406i	15.6740-0.4463i	-15.4658+0.9329i
10.9	-0.0158-0.0025i	-0.0088-0.0134i	-0.0000-0.0043i	-0.0164-0.0075i	25.5628-0.5172i	-32.4932+1.8719i	16.0400-0.6105i	-15.8290+1.0996i
11.0	-0.0161-0.0015i	-0.0077-0.0148i	0.0006-0.0046i	-0.0165-0.0082i	26.0533-0.4613i	-33.3728+1.7906i	16.4190-0.5661i	-16.3138+1.0581i
11.1	-0.0147+0.0004i	-0.0069-0.0192i	0.0009-0.0067i	-0.0152-0.0089i	26.2509-0.2191i	-33.8567+1.7771i	16.5452-0.4074i	-16.5557+1.0322i
11.2	-0.0118+0.0011i	-0.0083-0.0274i	0.0009-0.0100i	-0.0142-0.0118i	26.4626+0.1646i	-34.2848+1.9315i	16.7164-0.1586i	-16.8029+1.1049i
11.3	-0.0109-0.0018i	-0.0203-0.0343i	-0.0030-0.0136i	-0.0181-0.0158i	27.3231+0.7496i	-34.8412+2.1295i	17.3374+0.1891i	-17.1198+1.2276i
11.4	-0.0098-0.0059i	-0.0381-0.0318i	-0.0096-0.0145i	-0.0259-0.0172i	28.6364+1.0103i	-35.3200+2.3112i	18.1871+0.3042i	-17.3712+1.3539i
11.5	-0.0116-0.0101i	-0.0527-0.0216i	-0.0165-0.0130i	-0.0329-0.0143i	29.6032+0.8690i	-35.0443+2.3086i	18.6870+0.2372i	-17.1457+1.3643i
11.6	-0.0159-0.0115i	-0.0542-0.0030i	-0.0195-0.0059i	-0.0355-0.0075i	30.5665+0.1354i	-35.5954+1.9928i	19.2829-0.1745i	-17.4054+1.1540i
11.7	-0.0185-0.0104i	-0.0474+0.0080i	-0.0185-0.0006i	-0.0333-0.0024i	30.8721-0.1822i	-36.1104+1.4151i	19.4666-0.2972i	-17.6963+0.7993i
11.8	-0.0214-0.0095i	-0.0406+0.0141i	-0.0169+0.0022i	-0.0316+0.0012i	31.4108-0.2510i	-37.0427+0.7947i	19.8868-0.2246i	-18.2009+0.4044i
11.9	-0.0236-0.0070i	-0.0334+0.0190i	-0.0150+0.0059i	-0.0292+0.0046i	31.9652-0.6476i	-38.1871+0.5426i	20.3422-0.3363i	-18.8948+0.1562i

12.0	-0.0243-0.0028i	-0.0226+0.0217i	-0.0107+0.0079i	-0.0252+0.0072i	32.3936-0.7392i	-39.5938+0.1515i	20.8521-0.3090i	-19.7828-0.1263i
12.1	-0.0228-0.0008i	-0.0120+0.0168i	-0.0064+0.0070i	-0.0194+0.0061i	32.8624-0.8466i	-41.1458+0.4204i	21.4189-0.4081i	-20.8128+0.0536i
12.2	-0.0200+0.0012i	-0.0093+0.0087i	-0.0042+0.0046i	-0.0170+0.0032i	33.6757-0.8863i	-42.7170+0.9856i	22.0679-0.5991i	-21.7073+0.4776i
12.3	-0.0184+0.0009i	-0.0125+0.0039i	-0.0050+0.0023i	-0.0173+0.0004i	34.3175-1.0822i	-43.6063+1.5258i	22.5309-0.7937i	-22.1834+0.8339i
12.4	-0.0171+0.0004i	-0.0153+0.0043i	-0.0053+0.0029i	-0.0180+0.0000i	34.7389-1.4697i	-44.1966+2.2182i	22.8080-1.1155i	-22.4963+1.2348i
12.5	-0.0157+0.0004i	-0.0155+0.0028i	-0.0055+0.0020i	-0.0172-0.0003i	35.1993-1.6350i	-44.7974+2.4674i	23.1550-1.2153i	-22.8391+1.3854i
12.6	-0.0143+0.0001i	-0.0154+0.0030i	-0.0046+0.0026i	-0.0168-0.0005i	36.0309-1.7347i	-45.9643+2.7726i	23.7721-1.3444i	-23.4999+1.5840i
12.7	-0.0122-0.0001i	-0.0142+0.0014i	-0.0035+0.0020i	-0.0158-0.0013i	36.7834-1.8882i	-47.1631+3.1270i	24.3357-1.5108i	-24.1702+1.8389i
12.8	-0.0111-0.0010i	-0.0142+0.0010i	-0.0015+0.0014i	-0.0161-0.0026i	37.6310-2.1430i	-48.4122+3.6273i	24.9602-1.7175i	-24.8505+2.1456i
12.9	-0.0091-0.0023i	-0.0137-0.0004i	-0.0013+0.0001i	-0.0150-0.0039i	38.0357-1.9738i	-49.2142+3.5935i	25.3323-1.6825i	-25.3502+2.1350i
13.0	-0.0086-0.0038i	-0.0136-0.0017i	-0.0008-0.0010i	-0.0150-0.0044i	38.7056-2.1239i	-50.1043+3.9172i	25.7993-1.7889i	-25.8278+2.3469i
13.1	-0.0086-0.0046i	-0.0141-0.0013i	-0.0004-0.0012i	-0.0142-0.0045i	39.2224-2.1152i	-50.7181+4.0011i	26.1725-1.7542i	-26.1434+2.4000i
13.2	-0.0076-0.0067i	-0.0127-0.0008i	0.0002-0.0013i	-0.0141-0.0058i	40.4336-2.5129i	-52.5140+4.6507i	27.0581-2.0831i	-27.1509+2.7838i
13.3	-0.0053-0.0081i	-0.0116-0.0021i	0.0015-0.0028i	-0.0124-0.0064i	41.2134-2.7329i	-53.7238+5.2003i	27.6576-2.3069i	-27.8507+3.0844i
13.4	-0.0022-0.0103i	-0.0089-0.0038i	0.0034-0.0040i	-0.0103-0.0090i	42.4638-2.7172i	-55.5662+5.4002i	28.5339-2.3236i	-28.8955+3.2455i
13.5	-0.0009-0.0129i	-0.0067-0.0077i	0.0045-0.0068i	-0.0084-0.0111i	43.6928-2.8363i	-57.5401+5.7015i	29.4525-2.4035i	-30.0213+3.4213i
13.6	0.0018-0.0171i	-0.0045-0.0113i	0.0059-0.0090i	-0.0069-0.0146i	44.7067-3.0447i	-59.3574+6.5007i	30.2484-2.6480i	-31.0603+3.9214i
13.7	0.0040-0.0247i	-0.0035-0.0160i	0.0074-0.0127i	-0.0051-0.0199i	45.6851-3.2078i	-60.7890+7.4701i	30.9473-2.8410i	-31.8771+4.5351i
13.8	0.0044-0.0301i	-0.0037-0.0178i	0.0079-0.0156i	-0.0072-0.0231i	46.7549-3.7594i	-62.4347+8.5651i	31.8189-3.2230i	-32.7913+5.1414i
13.9	0.0032-0.0366i	-0.0011-0.0224i	0.0089-0.0192i	-0.0050-0.0285i	48.1237-3.6691i	-64.5431+9.0572i	32.9141-3.2836i	-34.0051+5.4605i
14.0	0.0001-0.0490i	-0.0045-0.0310i	0.0077-0.0262i	-0.0080-0.0379i	49.4117-4.1535i	-66.1408+10.8464i	33.8067-3.7228i	-34.8853+6.5111i
14.1	-0.0080-0.0594i	-0.0078-0.0383i	0.0038-0.0315i	-0.0150-0.0462i	50.3390-4.1089i	-66.8864+11.9003i	34.4539-3.8214i	-35.3012+7.1906i
14.2	-0.0184-0.0660i	-0.0145-0.0455i	-0.0007-0.0369i	-0.0224-0.0514i	52.2233-3.7739i	-68.5343+12.1296i	35.7371-3.6429i	-36.1449+7.3642i
14.3	-0.0319-0.0690i	-0.0217-0.0478i	-0.0068-0.0388i	-0.0328-0.0531i	54.2833-4.5686i	-70.4266+13.7682i	37.1461-4.2534i	-37.1522+8.3351i
14.4	-0.0430-0.0668i	-0.0272-0.0495i	-0.0113-0.0391i	-0.0384-0.0522i	56.4701-5.0018i	-72.9879+14.6824i	38.7411-4.7229i	-38.6243+8.9129i
14.5	-0.0491-0.0640i	-0.0319-0.0531i	-0.0143-0.0412i	-0.0443-0.0509i	58.3630-5.8472i	-75.0444+16.1799i	40.0723-5.3374i	-39.7417+9.7864i
14.6	-0.0524-0.0632i	-0.0350-0.0568i	-0.0160-0.0438i	-0.0478-0.0523i	60.3150-6.0363i	-77.4685+17.0090i	41.4962-5.4478i	-41.0654+10.2807i
14.7	-0.0608-0.0656i	-0.0437-0.0651i	-0.0207-0.0483i	-0.0552-0.0559i	63.3928-6.6982i	-80.5222+18.9555i	43.6178-6.0309i	-42.6729+11.4224i
14.8	-0.0773-0.0665i	-0.0586-0.0697i	-0.0321-0.0520i	-0.0678-0.0570i	65.9062-7.5848i	-82.0691+21.2027i	45.2189-6.8125i	-43.4641+12.7917i
14.9	-0.0848-0.0616i	-0.0691-0.0653i	-0.0390-0.0499i	-0.0758-0.0520i	68.8535-7.8950i	-84.8514+21.2803i	47.3577-6.9384i	-44.9351+12.8795i
15.0	-0.0940-0.0539i	-0.0789-0.0648i	-0.0446-0.0476i	-0.0840-0.0486i	73.2666-8.8344i	-89.7368+22.1549i	50.5212-7.6948i	-47.6447+13.3469i
15.1	-0.0966-0.0358i	-0.0888-0.0505i	-0.0492-0.0360i	-0.0881-0.0352i	77.1710-11.5133i	-94.6939+24.1536i	53.3134-9.5026i	-50.4395+14.3843i
15.2	-0.0904-0.0255i	-0.0818-0.0425i	-0.0422-0.0303i	-0.0821-0.0268i	79.3908-12.7868i	-98.5980+24.9710i	55.0636-10.3378i	-52.6036+14.8244i
15.3	-0.0814-0.0294i	-0.0747-0.0487i	-0.0373-0.0346i	-0.0785-0.0297i	83.1885-15.1330i	-104.9112+29.4819i	57.9304-12.2666i	-56.2607+17.4476i
15.4	-0.0715-0.0286i	-0.0720-0.0510i	-0.0328-0.0369i	-0.0711-0.0310i	87.1094-17.0985i	-111.0514+32.6338i	60.8635-13.7475i	-59.7501+19.2341i
15.5	-0.0569-0.0480i	-0.0618-0.0694i	-0.0223-0.0544i	-0.0608-0.0459i	91.3382-18.7154i	-118.8114+38.3720i	64.2893-15.2658i	-64.2742+22.7461i
15.6	-0.0549-0.0790i	-0.0664-0.1026i	-0.0249-0.0816i	-0.0610-0.0716i	96.2664-20.6994i	-125.4980+46.5835i	67.9625-17.3330i	-68.0446+27.7828i
15.7	-0.0647-0.1150i	-0.0855-0.1410i	-0.0356-0.1126i	-0.0723-0.1009i	104.5303-23.9296i	-134.6436+57.7982i	73.8285-20.2958i	-73.0400+34.5508i
15.8	-0.1088-0.1701i	-0.1342-0.1939i	-0.0723-0.1535i	-0.1088-0.1462i	113.8767-26.9366i	-140.4097+71.0500i	80.0786-23.4755i	-75.7921+42.6321i
15.9	-0.1816-0.1962i	-0.2135-0.2195i	-0.1321-0.1746i	-0.1700-0.1687i	126.4076-31.9526i	-145.8097+82.5303i	88.2516-27.7431i	-78.0502+49.4669i
16.0	-0.2746-0.1742i	-0.3167-0.1944i	-0.2101-0.1599i	-0.2496-0.1500i	140.8350-47.0589i	-149.9563+101.4894i	97.1049-38.8225i	-79.3019+60.1225i
16.1	-0.3564-0.1217i	-0.4032-0.1382i	-0.2742-0.1147i	-0.3199-0.1049i	151.7753-62.0008i	-151.4874+114.7352i	103.9391-49.1481i	-79.2831+67.1615i
16.2	-0.4051-0.0393i	-0.4616-0.0517i	-0.3145-0.0531i	-0.3609-0.0397i	161.8586-80.7555i	-156.5264+128.9848i	110.6361-61.9114i	-81.5684+74.4463i
16.3	-0.4011+0.0246i	-0.4686+0.0216i	-0.3146-0.0018i	-0.3652+0.0157i	169.4210-106.7435i	-165.5298+155.4399i	115.9671-80.3956i	-86.3722+88.7399i
16.4	-0.4110+0.0865i	-0.4930+0.0974i	-0.3281+0.0483i	-0.3778+0.0716i	170.0181-139.6066i	-161.2951+192.4316i	115.9966-103.9149i	-83.6508+109.1066i
16.5	-0.4300+0.1493i	-0.5150+0.1894i	-0.3469+0.1050i	-0.3999+0.1294i	163.2820-179.4823i	-143.9039+237.3083i	110.0107-132.5177i	-73.0588+133.9279i
16.6	-0.5259+0.2083i	-0.6018+0.2804i	-0.4189+0.1629i	-0.4835+0.1902i	148.6992-218.2305i	-104.1413+277.6022i	97.3214-159.7592i	-49.1696+155.7510i
16.7	-0.5322+0.4446i	-0.5912+0.5355i	-0.4157+0.3533i	-0.4866+0.3990i	122.4570-251.8492i	-66.6000+281.2395i	78.0424-180.4865i	-28.0098+154.8540i
16.8	-0.3118+0.5996i	-0.3479+0.7005i	-0.2424+0.4710i	-0.2961+0.5338i	58.7643-288.8242i	-12.9558+304.2319i	33.6316-205.0019i	0.2515+165.9416i
16.9	-0.0978+0.6610i	-0.0971+0.7641i	-0.0613+0.5203i	-0.1024+0.5892i	-10.4013-293.7762i	45.2064+297.4764i	-14.0636-207.4469i	30.5578+161.1343i
17.0	0.0549+0.5649i	0.0827+0.6591i	0.0573+0.4427i	0.0322+0.5062i	-72.2128-264.7772i	104.7322+270.3081i	-57.2356-186.9269i	62.4964+146.3777i
17.1	0.0792+0.4544i	0.1206+0.5241i	0.0790+0.3490i	0.0550+0.4108i	-97.0390-217.7882i	135.5258+221.3739i	-75.2887-153.6824i	79.5939+119.7579i
17.2	0.2408+0.5295i	0.2865+0.5862i	0.2053+0.4002i	0.1977+0.4729i	-121.7134-203.8095i	136.6985+187.6950i	-90.4343-141.8074i	78.0151+99.7156i
17.3	0.3079+0.3099i	0.3518+0.3505i	0.2521+0.2265i	0.2498+0.2829i	-133.6525-153.6794i	141.5825+158.5751i	-97.9485-108.6123i	79.9633+85.9825i
17.4	0.2518+0.2123i	0.2904+0.2462i	0.2046+0.1494i	0.2020+0.2006i	-124.1429-122.3045i	140.1330+131.5079i	-91.9696-86.9513i	79.8791+71.6791i
17.5	0.2090+0.2055i	0.2456+0.2362i	0.1703+0.1446i	0.1658+0.1995i	-112.3576-110.0644i	130.6626+112.8390i	-83.8744-77.7730i	74.9931+61.0545i
17.6	0.2299+0.1811i	0.2640+0.2065i	0.1857+0.1243i	0.1880+0.1800i	-111.7950-99.5886i	123.2738+102.7189i	-82.8233-70.4387i	70.3761+55.6761i
17.7	0.2187+0.1247i	0.2487+0.1480i	0.1715+0.0805i	0.1797+0.1299i	-108.1805-83.6231i	120.5222+91.5941i	-80.3421-59.5908i	68.9532+50.0688i
17.8	0.1910+0.0935i	0.2203+0.1128i	0.1475+0.0574i	0.1575+0.1028i	-103.7759-71.3968i	119.7462+79.0573i	-77.5761-51.0046i	68.8572+43.2320i
17.9	0.1759+0.0787i	0.2044+0.0990i	0.1355+0.0492i	0.1463+0.0909i	-99.7032-62.2504i	116.4581+67.7612i	-74.7609-44.3690i	67.1167+36.8979i
18.0	0.1574+0.0660i	0.1865+0.0832i	0.1224+0.0404i	0.1327+0.0785i	-94.3341-53.6708i	110.7678+57.5693i	-70.9823-38.1825i	63.9609+31.2648i
18.1	0.1492+0.0519i	0.1769+0.0695i	0.1151+0.0313i	0.1258+0.0667i	-89.9941-46.4977i	105.6901+49.7096i	-67.8899-33.0766i	61.1061+26.9323i
18.2	0.1348+0.0441i	0.1610+0.0610i	0.1045+0.0262i	0.1137+0.0600i	-84.5565-41.3479i	100.3244+43.5301i	-64.0970-29.3268i	58.2175+23.5112i

18.3	0.1244+0.0399i	0.1506+0.0562i	0.0962+0.0240i	0.1061+0.0559i	-79.8962-37.5323i	95.2492+38.5248i	-60.7463-26.5296i	55.4432+20.6971i
18.4	0.1139+0.0384i	0.1408+0.0529i	0.0885+0.0232i	0.0996+0.0538i	-75.8942-33.4787i	90.5846+32.9137i	-57.8664-23.4610i	52.8280+17.5295i
18.5	0.1061+0.0356i	0.1349+0.0488i	0.0833+0.0230i	0.0954+0.0494i	-72.5430-30.3265i	86.3398+28.4404i	-55.4147-21.1197i	50.4360+15.0055i
18.6	0.1025+0.0404i	0.1323+0.0518i	0.0838+0.0301i	0.0926+0.0495i	-70.1944-27.0858i	81.5634+22.6260i	-53.5005-18.5907i	47.6141+11.6320i
18.7	0.1073+0.0330i	0.1361+0.0401i	0.0922+0.0191i	0.0926+0.0427i	-66.2884-22.6657i	73.6574+20.2698i	-50.3716-15.6686i	42.9250+10.6054i
18.8	0.0997+0.0238i	0.1277+0.0303i	0.0848+0.0090i	0.0863+0.0365i	-62.3964-21.1204i	70.0843+20.7919i	-47.6378-14.8181i	41.0203+11.1028i
18.9	0.0928+0.0226i	0.1198+0.0279i	0.0793+0.0070i	0.0807+0.0356i	-59.0636-19.5028i	66.6283+19.3038i	-45.2793-13.6502i	39.1607+10.3174i
19.0	0.0908+0.0202i	0.1172+0.0241i	0.0767+0.0037i	0.0794+0.0333i	-56.6467-17.7917i	63.9052+17.8380i	-43.5392-12.4646i	37.6651+9.5586i
19.1	0.0857+0.0181i	0.1123+0.0207i	0.0726+0.0009i	0.0762+0.0316i	-54.0605-16.5385i	61.0178+17.0683i	-41.6901-11.6518i	36.0951+9.2078i
19.2	0.0824+0.0169i	0.1076+0.0181i	0.0686-0.0011i	0.0735+0.0300i	-51.6894-15.4758i	58.5780+16.3932i	-40.0219-10.9245i	34.7787+8.9037i
19.3	0.0794+0.0154i	0.1043+0.0151i	0.0655-0.0034i	0.0712+0.0283i	-49.6242-14.5758i	56.4605+15.9354i	-38.5349-10.3707i	33.6111+8.7009i
19.4	0.0780+0.0151i	0.1014+0.0129i	0.0629-0.0049i	0.0706+0.0276i	-47.8776-13.7820i	54.8606+15.3598i	-37.3463-9.8167i	32.7887+8.4363i
19.5	0.0769+0.0143i	0.0975+0.0117i	0.0589-0.0057i	0.0691+0.0271i	-45.9219-12.6619i	53.1605+14.3018i	-35.9708-9.0030i	31.9213+7.8632i
19.6	0.0738+0.0114i	0.0935+0.0086i	0.0550-0.0067i	0.0674+0.0236i	-43.9838-11.7282i	51.5417+13.4228i	-34.6308-8.3676i	31.0713+7.3995i
19.7	0.0727+0.0085i	0.0909+0.0049i	0.0529-0.0082i	0.0656+0.0206i	-42.0847-10.9083i	49.9463+12.1444i	-33.3190-7.7504i	30.2579+6.6566i
19.8	0.0701+0.0069i	0.0882+0.0029i	0.0502-0.0088i	0.0637+0.0195i	-40.6089-10.8081i	48.4510+11.5110i	-32.2804-7.6605i	29.4453+6.2698i
19.9	0.0678+0.0059i	0.0843+0.0015i	0.0479-0.0091i	0.0620+0.0191i	-39.1836-10.4785i	46.5549+10.7170i	-31.2257-7.3621i	28.3769+5.7906i
20.0	0.0661+0.0049i	0.0815+0.0003i	0.0455-0.0093i	0.0617+0.0180i	-38.0313-10.0169i	44.9240+10.0378i	-30.3567-7.0153i	27.4584+5.4207i
20.1	0.0648+0.0035i	0.0788-0.0014i	0.0439-0.0103i	0.0616+0.0161i	-37.2791-9.4070i	43.6968+9.3482i	-29.8173-6.5957i	26.7660+5.0394i
20.2	0.0639+0.0012i	0.0777-0.0015i	0.0423-0.0091i	0.0614+0.0136i	-36.5586-8.8850i	42.7691+9.0170i	-29.3113-6.2415i	26.2433+4.8639i
20.3	0.0619+0.0011i	0.0759-0.0020i	0.0410-0.0092i	0.0605+0.0119i	-35.3844-7.9382i	41.4154+8.3068i	-28.4040-5.6161i	25.4702+4.5122i
20.4	0.0623-0.0005i	0.0753-0.0030i	0.0402-0.0091i	0.0590+0.0098i	-34.1887-7.4771i	40.3700+7.9719i	-27.6020-5.3248i	24.9351+4.3331i
20.5	0.0613-0.0015i	0.0738-0.0045i	0.0395-0.0095i	0.0573+0.0076i	-32.8352-7.2806i	39.0234+7.6798i	-26.6564-5.1724i	24.2341+4.1780i
20.6	0.0600-0.0029i	0.0724-0.0064i	0.0389-0.0102i	0.0561+0.0072i	-31.5957-6.9421i	37.6069+7.2003i	-25.7574-4.9062i	23.4526+3.8950i
20.7	0.0599-0.0043i	0.0725-0.0087i	0.0396-0.0104i	0.0558+0.0048i	-30.6997-6.6375i	36.5744+6.7175i	-25.1144-4.6828i	22.8853+3.6667i
20.8	0.0601-0.0048i	0.0726-0.0098i	0.0390-0.0114i	0.0553+0.0042i	-29.9671-6.3975i	35.7888+6.5347i	-24.6110-4.5411i	22.4584+3.5664i
20.9	0.0590-0.0076i	0.0708-0.0118i	0.0382-0.0120i	0.0542+0.0025i	-28.9563-6.2093i	34.7388+6.1959i	-23.8961-4.3929i	21.9001+3.3658i
21.0	0.0584-0.0104i	0.0693-0.0155i	0.0370-0.0135i	0.0531+0.0003i	-28.2274-5.8898i	33.8248+5.7113i	-23.3861-4.1481i	21.4161+3.0932i
21.1	0.0583-0.0120i	0.0695-0.0167i	0.0378-0.0144i	0.0529-0.0011i	-27.5444-5.8536i	32.9428+5.4245i	-22.8572-4.0558i	20.9171+2.8930i
21.2	0.0586-0.0155i	0.0695-0.0202i	0.0378-0.0167i	0.0526-0.0036i	-26.7407-5.9040i	32.0131+5.4844i	-22.2728-4.1304i	20.4014+2.9173i
21.3	0.0576-0.0185i	0.0685-0.0250i	0.0373-0.0189i	0.0514-0.0057i	-26.0820-5.6576i	31.1925+5.1589i	-21.7774-4.0003i	19.9534+2.7688i
21.4	0.0571-0.0215i	0.0659-0.0281i	0.0353-0.0211i	0.0511-0.0073i	-25.6237-5.5145i	30.6891+4.9489i	-21.5199-3.8854i	19.6976+2.6672i
21.5	0.0540-0.0257i	0.0622-0.0335i	0.0332-0.0240i	0.0490-0.0106i	-25.3059-5.5214i	30.2405+4.7668i	-21.2908-3.8688i	19.4485+2.5333i
21.6	0.0500-0.0302i	0.0575-0.0380i	0.0315-0.0262i	0.0468-0.0140i	-24.7180-5.3332i	29.3683+4.6125i	-20.8354-3.7661i	18.9505+2.4525i
21.7	0.0450-0.0351i	0.0513-0.0436i	0.0269-0.0289i	0.0430-0.0178i	-24.2246-5.0287i	28.5968+4.1454i	-20.4359-3.5306i	18.5017+2.1833i
21.8	0.0376-0.0388i	0.0422-0.0464i	0.0224-0.0308i	0.0382-0.0204i	-23.9921-4.9714i	28.0720+4.0241i	-20.2597-3.4774i	18.2070+2.0841i
21.9	0.0314-0.0409i	0.0331-0.0476i	0.0169-0.0313i	0.0329-0.0216i	-23.6690-4.8711i	27.5513+3.9617i	-20.0806-3.4092i	17.9059+2.0093i
22.0	0.0215-0.0411i	0.0220-0.0475i	0.0100-0.0311i	0.0265-0.0228i	-23.4064-4.5535i	26.9076+3.5640i	-19.8585-3.1563i	17.5147+1.7919i
22.1	0.0158-0.0353i	0.0158-0.0407i	0.0070-0.0259i	0.0227-0.0192i	-22.8851-4.2492i	26.2355+3.4888i	-19.5078-2.9944i	17.1667+1.8012i
22.2	0.0120-0.0301i	0.0113-0.0342i	0.0044-0.0225i	0.0202-0.0152i	-22.3516-4.0045i	25.4940+3.4398i	-19.0985-2.8336i	16.7444+1.7813i
22.3	0.0078-0.0244i	0.0063-0.0264i	0.0011-0.0185i	0.0164-0.0118i	-22.1335-3.4781i	25.1768+3.1213i	-18.9867-2.4602i	16.5379+1.6505i
22.4	0.0087-0.0171i	0.0085-0.0185i	0.0033-0.0128i	0.0172-0.0082i	-21.5148-3.1018i	24.4428+3.0292i	-18.5389-2.2010i	16.1360+1.6344i
22.5	0.0107-0.0153i	0.0105-0.0161i	0.0040-0.0125i	0.0176-0.0064i	-20.8936-2.8366i	23.9834+2.8790i	-18.0695-2.0373i	15.8977+1.5542i
22.6	0.0120-0.0146i	0.0115-0.0144i	0.0051-0.0111i	0.0190-0.0062i	-20.3721-2.7282i	23.4547+2.7679i	-17.7195-1.9686i	15.6189+1.5011i
22.7	0.0108-0.0121i	0.0117-0.0107i	0.0041-0.0092i	0.0176-0.0053i	-20.1176-2.6669i	23.2868+2.8813i	-17.6144-1.9610i	15.5383+1.5679i
22.8	0.0117-0.0112i	0.0117-0.0096i	0.0053-0.0076i	0.0176-0.0049i	-19.5839-2.2962i	22.6727+2.3473i	-17.1975-1.6275i	15.2188+1.2589i
22.9	0.0148-0.0111i	0.0149-0.0088i	0.0068-0.0071i	0.0191-0.0042i	-18.9281-2.1876i	21.9450+2.2248i	-16.7069-1.5640i	14.8348+1.2050i
23.0	0.0150-0.0115i	0.0161-0.0093i	0.0083-0.0077i	0.0188-0.0055i	-18.4569-2.0364i	21.4627+2.1536i	-16.3715-1.4846i	14.5631+1.1840i
23.1	0.0156-0.0124i	0.0168-0.0093i	0.0087-0.0078i	0.0188-0.0054i	-17.9551-2.0576i	21.0279+2.1919i	-16.0088-1.5076i	14.3462+1.2047i
23.2	0.0156-0.0125i	0.0168-0.0099i	0.0086-0.0071i	0.0187-0.0053i	-17.7330-2.0740i	20.7832+2.1366i	-15.8608-1.5223i	14.2280+1.1673i
23.3	0.0155-0.0135i	0.0178-0.0098i	0.0090-0.0088i	0.0184-0.0063i	-17.3079-1.8650i	20.3423+1.8372i	-15.5830-1.3221i	13.9915+0.9937i
23.4	0.0143-0.0134i	0.0171-0.0097i	0.0090-0.0083i	0.0176-0.0060i	-17.0401-1.8303i	20.0638+1.7445i	-15.3935-1.2855i	13.8312+0.9281i
23.5	0.0136-0.0129i	0.0161-0.0094i	0.0085-0.0077i	0.0164-0.0063i	-16.6024-1.5750i	19.5685+1.4413i	-15.0988-1.0658i	13.5627+0.7377i
23.6	0.0116-0.0126i	0.0137-0.0087i	0.0076-0.0076i	0.0146-0.0056i	-16.3954-1.6831i	19.2297+1.6607i	-14.9332-1.1956i	13.3759+0.8842i
23.7	0.0079-0.0110i	0.0117-0.0084i	0.0061-0.0067i	0.0127-0.0052i	-16.1004-1.5662i	18.8312+1.6185i	-14.7223-1.1164i	13.1547+0.8490i
23.8	0.0084-0.0085i	0.0116-0.0059i	0.0062-0.0057i	0.0129-0.0041i	-15.7373-1.4866i	18.4490+1.5643i	-14.4755-1.0849i	12.9343+0.8469i
23.9	0.0088-0.0081i	0.0119-0.0050i	0.0058-0.0049i	0.0126-0.0016i	-15.5139-1.5082i	18.2363+1.6063i	-14.3414-1.0873i	12.8123+0.8874i
24.0	0.0088-0.0066i	0.0135-0.0039i	0.0068-0.0043i	0.0120-0.0018i	-15.1231-1.5145i	17.7875+1.6763i	-14.0341-1.1246i	12.5701+0.9317i
24.1	0.0087-0.0074i	0.0130-0.0041i	0.0071-0.0055i	0.0129-0.0023i	-14.7986-1.4140i	17.4319+1.5518i	-13.8115-1.0259i	12.3851+0.8427i
24.2	0.0083-0.0078i	0.0118-0.0038i	0.0069-0.0054i	0.0125-0.0019i	-14.5384-1.2296i	17.1661+1.3068i	-13.6608-0.8924i	12.2494+0.6841i
24.3	0.0098-0.0050i	0.0137-0.0027i	0.0076-0.0035i	0.0123-0.0021i	-14.0262-1.3970i	16.6519+1.5037i	-13.2980-1.0050i	11.9771+0.8331i
24.4	0.0089-0.0049i	0.0132-0.0021i	0.0074-0.0030i	0.0115-0.0008i	-13.8652-1.3382i	16.4611+1.4701i	-13.1742-0.9744i	11.8857+0.8273i
24.5	0.0096-0.0040i	0.0140-0.0010i	0.0079-0.0034i	0.0126-0.0008i	-13.7130-1.2944i	16.3098+1.4129i	-13.0555-0.9396i	11.8248+0.7792i

24.6	0.0115-0.0048i	0.0160-0.0009i	0.0088-0.0030i	0.0138+0.0002i	-13.4782-1.3110i	16.0560+1.4658i	-12.8711-0.9883i	11.6734+0.8108i
24.7	0.0104-0.0033i	0.0150-0.0008i	0.0080-0.0033i	0.0124-0.0001i	-13.1994-1.1936i	15.7026+1.2647i	-12.6748-0.8480i	11.4568+0.6856i
24.8	0.0107-0.0034i	0.0152-0.0006i	0.0078-0.0030i	0.0125+0.0003i	-12.8283-1.1910i	15.3498+1.3003i	-12.4309-0.8807i	11.2676+0.7296i
24.9	0.0111-0.0036i	0.0144-0.0006i	0.0088-0.0028i	0.0125+0.0005i	-12.5734-1.1371i	15.1069+1.2116i	-12.2637-0.8098i	11.1487+0.6590i
25.0	0.0122-0.0032i	0.0156-0.0006i	0.0089-0.0030i	0.0128+0.0006i	-12.3958-1.1158i	14.9684+1.1536i	-12.1538-0.7879i	11.0824+0.6270i
25.1	0.0116-0.0039i	0.0153-0.0001i	0.0092-0.0033i	0.0126+0.0005i	-12.2606-1.2367i	14.8263+1.3513i	-12.0937-0.9252i	11.0145+0.7564i
25.2	0.0114-0.0035i	0.0160-0.0005i	0.0093-0.0029i	0.0127+0.0007i	-12.0181-1.2956i	14.5171+1.3388i	-11.8973-0.9371i	10.8440+0.7643i
25.3	0.0127-0.0050i	0.0163-0.0008i	0.0097-0.0028i	0.0132+0.0006i	-11.8802-1.3566i	14.3490+1.4275i	-11.7867-0.9997i	10.7831+0.7869i
25.4	0.0120-0.0042i	0.0169-0.0012i	0.0096-0.0046i	0.0128+0.0013i	-11.7241-1.2713i	14.1839+1.2420i	-11.7032-0.9034i	10.6748+0.6690i
25.5	0.0114-0.0026i	0.0167-0.0013i	0.0094-0.0038i	0.0131+0.0012i	-11.6418-1.1367i	14.0767+1.1069i	-11.6525-0.8130i	10.6172+0.6099i
25.6	0.0108-0.0029i	0.0163-0.0012i	0.0099-0.0037i	0.0122+0.0012i	-11.4289-1.1213i	13.9428+1.0895i	-11.6036-0.8082i	10.5850+0.6226i
25.7	0.0125-0.0033i	0.0163-0.0007i	0.0102-0.0032i	0.0124+0.0010i	-11.2867-1.0524i	13.7123+0.9692i	-11.4840-0.7124i	10.4755+0.5626i
25.8	0.0120-0.0036i	0.0161-0.0008i	0.0091-0.0037i	0.0123+0.0003i	-11.1210-1.0983i	13.4949+1.1722i	-11.3467-0.8077i	10.3542+0.6460i
25.9	0.0128-0.0034i	0.0174-0.0010i	0.0097-0.0046i	0.0133+0.0014i	-10.9647-0.9535i	13.3083+1.0037i	-11.2158-0.6746i	10.2573+0.5336i
26.0	0.0132-0.0041i	0.0171-0.0010i	0.0098-0.0039i	0.0130+0.0009i	-10.7139-0.8875i	13.0250+0.9028i	-11.0332-0.6174i	10.0930+0.4882i
26.1	0.0143-0.0047i	0.0195-0.0011i	0.0111-0.0047i	0.0138+0.0002i	-10.4044-0.8643i	12.6583+0.8498i	-10.7692-0.6019i	9.8774+0.4695i
26.2	0.0154-0.0048i	0.0208-0.0017i	0.0126-0.0043i	0.0145+0.0004i	-10.3321-0.8033i	12.7357+0.7201i	-10.7914-0.5332i	9.9430+0.3969i
26.3	0.0153-0.0052i	0.0205-0.0019i	0.0130-0.0053i	0.0146+0.0001i	-10.0625-0.9658i	12.4710+0.9572i	-10.5959-0.6989i	9.8025+0.5454i
26.4	0.0159-0.0059i	0.0207-0.0044i	0.0124-0.0061i	0.0151-0.0007i	-9.7336-1.0767i	12.0918+1.0380i	-10.3318-0.7795i	9.5965+0.5871i
26.5	0.0154-0.0075i	0.0207-0.0053i	0.0129-0.0073i	0.0150-0.0012i	-9.6609-0.9805i	12.0605+0.7659i	-10.3265-0.6404i	9.5759+0.4031i
26.6	0.0169-0.0085i	0.0216-0.0073i	0.0130-0.0074i	0.0157-0.0016i	-9.5195-0.9746i	11.8728+0.6772i	-10.2220-0.6238i	9.4967+0.3451i
26.7	0.0150-0.0094i	0.0205-0.0094i	0.0118-0.0094i	0.0147-0.0043i	-9.4131-1.0158i	11.6781+0.6900i	-10.1131-0.6668i	9.3810+0.3393i
26.8	0.0143-0.0098i	0.0190-0.0116i	0.0118-0.0100i	0.0145-0.0053i	-9.3620-1.1471i	11.5332+0.7476i	-10.0993-0.7611i	9.3055+0.3797i
26.9	0.0122-0.0118i	0.0168-0.0115i	0.0101-0.0107i	0.0123-0.0053i	-9.2665-1.1220i	11.3222+0.7861i	-9.9925-0.7692i	9.1780+0.3985i
27.0	0.0120-0.0117i	0.0143-0.0119i	0.0089-0.0110i	0.0102-0.0051i	-9.1909-1.0725i	11.2433+0.6769i	-9.9802-0.6896i	9.1400+0.2979i
27.1	0.0126-0.0121i	0.0143-0.0113i	0.0095-0.0103i	0.0116-0.0048i	-9.0108-0.9595i	11.0836+0.5187i	-9.8750-0.5853i	9.0712+0.2125i
27.2	0.0119-0.0107i	0.0151-0.0097i	0.0096-0.0099i	0.0116-0.0049i	-8.8718-1.0510i	10.9349+0.6266i	-9.7664-0.6811i	8.9835+0.3065i
27.3	0.0114-0.0111i	0.0140-0.0109i	0.0086-0.0101i	0.0106-0.0044i	-8.8631-1.1738i	10.8199+0.7537i	-9.7660-0.7648i	8.9419+0.3729i
27.4	0.0109-0.0132i	0.0132-0.0126i	0.0093-0.0115i	0.0099-0.0055i	-8.7205-1.2043i	10.6628+0.7117i	-9.6710-0.7740i	8.8510+0.3288i
27.5	0.0100-0.0125i	0.0120-0.0126i	0.0079-0.0121i	0.0097-0.0057i	-8.7595-1.1263i	10.6274+0.7261i	-9.6976-0.7896i	8.8797+0.3454i
27.6	0.0077-0.0133i	0.0105-0.0111i	0.0065-0.0118i	0.0080-0.0043i	-8.6007-1.0819i	10.4031+0.6950i	-9.5850-0.7608i	8.7096+0.3484i
27.7	0.0104-0.0142i	0.0120-0.0126i	0.0070-0.0130i	0.0096-0.0049i	-8.4270-1.1121i	10.2294+0.6372i	-9.4473-0.7463i	8.6153+0.3114i
27.8	0.0083-0.0148i	0.0108-0.0138i	0.0064-0.0149i	0.0088-0.0065i	-8.4141-1.1205i	10.0939+0.6262i	-9.4238-0.7572i	8.5418+0.2864i
27.9	0.0067-0.0165i	0.0106-0.0152i	0.0055-0.0160i	0.0085-0.0071i	-8.3170-1.0749i	9.9181+0.5403i	-9.3798-0.7151i	8.4666+0.2115i
28.0	0.0059-0.0166i	0.0096-0.0150i	0.0046-0.0161i	0.0071-0.0063i	-8.1913-1.0969i	9.7285+0.5036i	-9.2668-0.6904i	8.3312+0.2184i
28.1	0.0029-0.0160i	0.0045-0.0137i	0.0017-0.0146i	0.0055-0.0060i	-8.1444-0.9835i	9.6226+0.4733i	-9.2553-0.6501i	8.2434+0.2021i
28.2	0.0024-0.0172i	0.0045-0.0151i	0.0008-0.0153i	0.0059-0.0060i	-8.1650-0.9964i	9.6127+0.4571i	-9.2893-0.6446i	8.2676+0.1836i
28.3	0.0003-0.0160i	0.0033-0.0140i	0.0001-0.0147i	0.0050-0.0057i	-8.1749-1.0278i	9.5394+0.5000i	-9.2974-0.6199i	8.2393+0.2016i
28.4	-0.0021-0.0155i	0.0007-0.0135i	-0.0026-0.0130i	0.0032-0.0047i	-8.0271-0.8686i	9.2752+0.3835i	-9.1854-0.5169i	8.0758+0.1449i
28.5	-0.0022-0.0135i	0.0006-0.0121i	-0.0037-0.0134i	0.0028-0.0044i	-7.9063-0.9427i	9.1341+0.4871i	-9.0945-0.5731i	8.0044+0.2220i
28.6	-0.0037-0.0108i	0.0007-0.0095i	-0.0036-0.0111i	0.0036-0.0026i	-7.9122-0.9119i	9.1393+0.6222i	-9.1256-0.6234i	8.0186+0.3255i
28.7	-0.0055-0.0098i	-0.0009-0.0084i	-0.0043-0.0092i	0.0025-0.0037i	-7.8894-0.7317i	8.9986+0.4985i	-9.0807-0.4898i	7.9259+0.2533i
28.8	-0.0039-0.0071i	-0.0008-0.0070i	-0.0033-0.0080i	0.0022-0.0019i	-7.5937-0.7073i	8.7660+0.5739i	-8.8953-0.4842i	7.8201+0.3165i
28.9	-0.0043-0.0063i	0.0003-0.0050i	-0.0038-0.0069i	0.0034-0.0007i	-7.5323-0.7037i	8.6909+0.6022i	-8.8503-0.4931i	7.7710+0.3558i
29.0	-0.0050-0.0043i	-0.0006-0.0054i	-0.0039-0.0066i	0.0018+0.0004i	-7.5309-0.6856i	8.6579+0.5823i	-8.8658-0.4664i	7.7465+0.3449i
29.1	-0.0037-0.0046i	-0.0010-0.0055i	-0.0049-0.0060i	0.0029-0.0014i	-7.4316-0.6057i	8.5019+0.5031i	-8.7791-0.4156i	7.6701+0.2830i
29.2	-0.0034-0.0030i	-0.0006-0.0055i	-0.0040-0.0049i	0.0030-0.0004i	-7.2506-0.5827i	8.3339+0.5236i	-8.6634-0.4211i	7.6028+0.3138i
29.3	-0.0034-0.0033i	-0.0007-0.0049i	-0.0046-0.0048i	0.0024-0.0011i	-7.1523-0.5561i	8.3290+0.5355i	-8.6514-0.4266i	7.6143+0.3165i
29.4	-0.0028-0.0015i	0.0001-0.0043i	-0.0037-0.0048i	0.0037-0.0015i	-7.1331-0.5394i	8.3014+0.5491i	-8.5966-0.3919i	7.6191+0.3430i
29.5	-0.0022+0.0004i	0.0007-0.0035i	-0.0024-0.0045i	0.0038+0.0014i	-7.0918-0.5596i	8.2395+0.5573i	-8.5650-0.3842i	7.6007+0.3409i
29.6	-0.0011-0.0005i	0.0003-0.0032i	-0.0031-0.0038i	0.0035+0.0002i	-7.0555-0.5067i	8.2111+0.5233i	-8.5775-0.3595i	7.6124+0.3040i
29.7	0.0000-0.0011i	0.0005-0.0030i	-0.0025-0.0037i	0.0036+0.0005i	-6.9125-0.5339i	8.0305+0.5881i	-8.4410-0.4098i	7.4884+0.3463i
29.8	0.0001+0.0005i	0.0009-0.0026i	-0.0023-0.0027i	0.0027+0.0007i	-6.8270-0.4861i	7.9341+0.5307i	-8.3699-0.3383i	7.4516+0.3086i
29.9	-0.0024-0.0014i	-0.0038-0.0029i	-0.0047-0.0035i	0.0008+0.0002i	-6.7449-0.3595i	7.7860+0.3884i	-8.3608-0.2611i	7.3701+0.2155i
30.0	-0.0002+0.0002i	-0.0000-0.0007i	-0.0023-0.0021i	0.0035+0.0013i	-6.4828-0.3917i	7.5829+0.4781i	-8.1657-0.2809i	7.2317+0.2880i
30.1	0.0017-0.0011i	0.0005-0.0034i	-0.0015-0.0028i	0.0035-0.0001i	-6.4053-0.4362i	7.4237+0.4259i	-8.0634-0.2539i	7.1476+0.2668i
30.2	0.0012+0.0001i	-0.0013-0.0019i	-0.0026-0.0015i	0.0040+0.0006i	-6.4928-0.4244i	7.4915+0.4471i	-8.1346-0.2685i	7.2207+0.2597i
30.3	0.0017-0.0007i	-0.0025-0.0006i	-0.0022-0.0018i	0.0032+0.0002i	-6.3684-0.3827i	7.5608+0.4627i	-8.1763-0.2670i	7.2634+0.2445i
30.4	0.0024-0.0003i	-0.0014+0.0003i	-0.0013+0.0003i	0.0031+0.0005i	-6.3157-0.2715i	7.4885+0.2919i	-8.1322-0.1321i	7.2362+0.1358i
30.5	0.0028-0.0010i	-0.0010+0.0003i	-0.0010-0.0007i	0.0032+0.0002i	-6.2384-0.3066i	7.4061+0.2226i	-8.0906-0.1279i	7.2152+0.1211i
30.6	0.0036-0.0016i	0.0004-0.0005i	0.0005-0.0015i	0.0037+0.0005i	-6.2029-0.2607i	7.2923+0.2565i	-8.0480-0.1336i	7.1775+0.1188i
30.7	0.0033-0.0003i	-0.0006+0.0011i	-0.0007-0.0005i	0.0035+0.0017i	-6.1032-0.3498i	7.2122+0.3983i	-7.9923-0.2076i	7.1604+0.2211i
30.8	0.0027-0.0000i	0.0007-0.0000i	0.0002-0.0010i	0.0031+0.0004i	-6.0560-0.3727i	7.1132+0.3838i	-7.9496-0.2216i	7.1032+0.2295i

30.9	0.0022-0.0014i	-0.0007-0.0003i	-0.0004-0.0010i	0.0028+0.0005i	-6.0219-0.2115i	7.0554+0.1602i	-7.9267-0.0656i	7.0504+0.0862i
31.0	0.0021-0.0011i	-0.0002+0.0013i	-0.0006+0.0006i	0.0023+0.0005i	-5.8917-0.2095i	6.9412+0.2260i	-7.8583-0.0887i	6.9878+0.1217i
31.1	0.0021-0.0005i	0.0003+0.0022i	0.0003-0.0001i	0.0029+0.0015i	-5.8568-0.2340i	6.8698+0.2741i	-7.8025-0.1223i	6.9661+0.1727i
31.2	0.0021-0.0010i	-0.0007+0.0024i	-0.0004-0.0002i	0.0010+0.0002i	-5.8418-0.2563i	6.9089+0.2757i	-7.8182-0.1221i	7.0330+0.1604i
31.3	0.0019+0.0007i	-0.0002+0.0009i	0.0005+0.0001i	0.0021+0.0020i	-5.6915-0.2095i	6.8221+0.3015i	-7.7628-0.1194i	6.9665+0.1657i
31.4	0.0032-0.0004i	0.0007+0.0012i	0.0007-0.0011i	0.0026+0.0013i	-5.6695-0.3003i	6.7000+0.4343i	-7.7171-0.2276i	6.9118+0.2657i
31.5	0.0041+0.0014i	0.0010+0.0019i	0.0008+0.0001i	0.0019+0.0022i	-5.6775-0.1757i	6.7416+0.3050i	-7.7477-0.1215i	6.9573+0.1630i
31.6	0.0032+0.0017i	0.0001+0.0027i	0.0012-0.0002i	0.0026+0.0016i	-5.6128-0.0701i	6.7576+0.1979i	-7.7672-0.0110i	6.9800+0.1013i
31.7	0.0045+0.0030i	0.0007+0.0039i	0.0016+0.0016i	0.0011+0.0036i	-5.4877-0.0992i	6.5621+0.1508i	-7.6590+0.0286i	6.8895+0.0948i
31.8	0.0054+0.0037i	0.0004+0.0047i	0.0023+0.0017i	0.0015+0.0040i	-5.4112-0.0559i	6.4831+0.1496i	-7.6102+0.0627i	6.8130+0.0837i
31.9	0.0051+0.0027i	0.0002+0.0034i	0.0020+0.0007i	0.0014+0.0022i	-5.3461-0.1295i	6.4341+0.1719i	-7.5864+0.0091i	6.8189+0.0928i
32.0	0.0068+0.0020i	0.0002+0.0022i	0.0033+0.0004i	0.0025+0.0011i	-5.4120-0.1601i	6.3864+0.2020i	-7.6336-0.0199i	6.8485+0.0701i
32.1	0.0053-0.0008i	0.0003+0.0032i	0.0028-0.0008i	0.0029+0.0027i	-5.3466-0.1349i	6.2855+0.2443i	-7.5253-0.0191i	6.7419+0.1041i
32.2	0.0061+0.0016i	0.0005+0.0030i	0.0033+0.0005i	0.0021+0.0020i	-5.1928-0.1903i	6.1771+0.3266i	-7.4370-0.0934i	6.7088+0.1948i
32.3	0.0066+0.0016i	0.0018+0.0032i	0.0040+0.0001i	0.0036+0.0036i	-5.1986-0.0831i	6.2595+0.1999i	-7.5090-0.0024i	6.7974+0.0767i
32.4	0.0087-0.0007i	0.0030+0.0021i	0.0047-0.0011i	0.0038+0.0013i	-5.0805-0.1392i	6.2057+0.0145i	-7.4050+0.1159i	6.7238-0.0585i
32.5	0.0071-0.0016i	0.0021+0.0015i	0.0033-0.0010i	0.0036+0.0022i	-4.9825-0.0593i	6.1030+0.0330i	-7.3487+0.1319i	6.6955-0.0742i
32.6	0.0073-0.0011i	0.0036+0.0014i	0.0032-0.0014i	0.0025+0.0008i	-4.9075-0.0454i	6.0397+0.1234i	-7.3170+0.0544i	6.6671-0.0175i
32.7	0.0060-0.0022i	0.0026+0.0013i	0.0041-0.0019i	0.0031+0.0018i	-4.9123-0.1202i	5.9507+0.1154i	-7.3036+0.0317i	6.6066+0.0035i
32.8	0.0080-0.0015i	0.0031+0.0010i	0.0038-0.0014i	0.0036+0.0021i	-4.9010-0.1291i	6.0001+0.0355i	-7.3413+0.0953i	6.6754-0.0584i
32.9	0.0089-0.0009i	0.0032+0.0011i	0.0050-0.0020i	0.0022+0.0023i	-4.7701-0.0141i	5.8850+0.0144i	-7.2702+0.1660i	6.6328-0.0917i
33.0	0.0083-0.0045i	0.0034+0.0009i	0.0046-0.0028i	0.0019+0.0009i	-4.6379-0.1040i	5.7185+0.0396i	-7.1222+0.0766i	6.4978-0.0579i
33.1	0.0098-0.0045i	0.0024+0.0017i	0.0054-0.0031i	0.0029+0.0009i	-4.7287-0.0513i	5.8517+0.0147i	-7.2342+0.1011i	6.5929-0.0643i
33.2	0.0085-0.0020i	0.0014+0.0018i	0.0049-0.0021i	0.0028+0.0025i	-4.7432-0.0818i	5.7934+0.0926i	-7.2188+0.1180i	6.5512-0.0840i
33.3	0.0083-0.0029i	0.0043+0.0019i	0.0057-0.0022i	0.0043+0.0031i	-4.6407-0.0483i	5.7464+0.0188i	-7.1355+0.1964i	6.5059-0.1524i
33.4	0.0066-0.0010i	0.0040+0.0004i	0.0046-0.0040i	0.0026+0.0024i	-4.6065+0.0581i	5.6613-0.0251i	-7.0684+0.2594i	6.4326-0.1778i
33.5	0.0074-0.0005i	0.0021-0.0012i	0.0033-0.0029i	0.0027+0.0025i	-4.5875+0.0667i	5.5895-0.0321i	-7.0141+0.2531i	6.3655-0.1974i
33.6	0.0067-0.0033i	0.0035-0.0001i	0.0034-0.0037i	0.0031+0.0020i	-4.5545+0.0389i	5.5969-0.0787i	-6.9607+0.2381i	6.3247-0.1929i
33.7	0.0047+0.0003i	0.0055-0.0013i	0.0032-0.0032i	0.0042+0.0022i	-4.5030+0.0232i	5.5385-0.1421i	-6.8900+0.2277i	6.2834-0.2274i
33.8	0.0073-0.0011i	0.0053-0.0033i	0.0052-0.0039i	0.0053+0.0001i	-4.4570+0.0440i	5.5471-0.0125i	-6.8452+0.1147i	6.2405-0.0750i
33.9	0.0089-0.0019i	0.0041-0.0047i	0.0033-0.0036i	0.0046+0.0000i	-4.4458+0.0845i	5.4954-0.0855i	-6.8321+0.0753i	6.2001-0.0704i
34.0	0.0082-0.0022i	0.0039-0.0063i	0.0049-0.0041i	0.0026-0.0017i	-4.3692-0.0240i	5.3663-0.0505i	-6.7723-0.0418i	6.1502+0.0564i
34.1	0.0037-0.0003i	0.0021-0.0057i	0.0035-0.0034i	0.0003-0.0018i	-4.4104-0.0214i	5.3773+0.0790i	-6.8363-0.2016i	6.1754+0.2718i
34.2	0.0053+0.0051i	0.0011-0.0053i	0.0041-0.0001i	0.0001+0.0011i	-4.4121+0.0456i	5.4286-0.0673i	-6.9790-0.1400i	6.2952+0.2100i
34.3	0.0089+0.0065i	0.0001-0.0083i	0.0068-0.0022i	-0.0002+0.0000i	-4.4458+0.0921i	5.4296-0.1418i	-7.0867-0.0848i	6.4429+0.1322i
34.4	0.0134+0.0077i	0.0015-0.0088i	0.0083-0.0019i	0.0011+0.0014i	-4.3415+0.1419i	5.4524-0.1573i	-7.0884-0.0610i	6.5352+0.1653i
34.5	0.0134+0.0079i	0.0002-0.0106i	0.0089-0.0032i	-0.0011+0.0017i	-4.2403+0.2576i	5.3449-0.2509i	-7.0534+0.0354i	6.4881+0.0710i
34.6	0.0163+0.0082i	-0.0004-0.0117i	0.0094-0.0046i	0.0003+0.0012i	-4.2434+0.1083i	5.3772-0.1800i	-7.1202-0.0841i	6.6287+0.1727i
34.7	0.0184+0.0065i	-0.0008-0.0143i	0.0111-0.0061i	-0.0002+0.0008i	-4.2283+0.1494i	5.3795-0.2344i	-7.2005-0.0306i	6.7000+0.0845i
34.8	0.0188+0.0044i	-0.0050-0.0162i	0.0101-0.0086i	-0.0016+0.0022i	-4.2758+0.3587i	5.3871-0.4725i	-7.2764+0.1979i	6.7367-0.1985i
34.9	0.0208+0.0015i	-0.0069-0.0153i	0.0103-0.0104i	-0.0017+0.0019i	-4.2997+0.3521i	5.3840-0.4767i	-7.2966+0.1895i	6.7475-0.2027i
35.0	0.0209+0.0008i	-0.0081-0.0169i	0.0097-0.0121i	-0.0016+0.0015i	-4.3298+0.3471i	5.3805-0.4857i	-7.3293+0.1877i	6.7587-0.2290i
35.1	0.0221+0.0012i	-0.0112-0.0204i	0.0097-0.0138i	-0.0031+0.0006i	-4.2791+0.4157i	5.3143-0.6245i	-7.3048+0.3026i	6.7377-0.3728i
35.2	0.0208+0.0038i	-0.0149-0.0177i	0.0074-0.0121i	-0.0051+0.0039i	-4.1907+0.4680i	5.2542-0.6998i	-7.3409+0.4312i	6.7215-0.4328i
35.3	0.0238+0.0016i	-0.0190-0.0164i	0.0049-0.0140i	-0.0037+0.0040i	-4.0697+0.5304i	5.1809-0.7972i	-7.2976+0.5219i	6.6714-0.5188i
35.4	0.0278-0.0001i	-0.0230-0.0216i	0.0047-0.0166i	-0.0040+0.0047i	-4.0853+0.5757i	5.1554-0.8992i	-7.3434+0.5847i	6.7304-0.6227i
35.5	0.0320-0.0009i	-0.0303-0.0212i	0.0033-0.0190i	-0.0037+0.0033i	-4.1001+0.5384i	4.9961-0.9002i	-7.2228+0.5332i	6.6108-0.6408i
35.6	0.0323-0.0005i	-0.0327-0.0149i	0.0033-0.0168i	-0.0042+0.0068i	-3.9770+0.7487i	4.9476-1.1338i	-7.2102+0.7847i	6.5591-0.8160i
35.7	0.0355-0.0003i	-0.0326-0.0109i	0.0020-0.0148i	-0.0024+0.0079i	-3.8837+0.7829i	4.9584-1.1126i	-7.2092+0.8455i	6.5724-0.7849i
35.8	0.0376-0.0042i	-0.0395-0.0097i	0.0022-0.0158i	-0.0031+0.0080i	-3.9254+0.8083i	4.8928-1.2138i	-7.1995+0.9055i	6.5712-0.8889i
35.9	0.0412-0.0067i	-0.0469-0.0079i	-0.0019-0.0165i	-0.0034+0.0085i	-3.7724+0.8048i	4.6601-1.2713i	-7.0686+0.9500i	6.4264-0.9962i
36.0	0.0439-0.0076i	-0.0481-0.0029i	-0.0010-0.0164i	-0.0020+0.0097i	-3.6820+0.8859i	4.5069-1.2451i	-6.9528+0.9898i	6.3035-0.9818i
36.1	0.0465-0.0143i	-0.0507+0.0004i	-0.0025-0.0172i	-0.0005+0.0090i	-3.6216+0.9608i	4.5552-1.3424i	-7.0161+1.0361i	6.3719-1.0474i
36.2	0.0507-0.0180i	-0.0555+0.0028i	-0.0036-0.0193i	-0.0008+0.0096i	-3.6204+0.9708i	4.3823-1.3374i	-6.9318+1.0473i	6.2901-1.0822i
36.3	0.0539-0.0231i	-0.0575+0.0052i	-0.0045-0.0187i	0.0008+0.0092i	-3.5517+0.9068i	4.3832-1.3989i	-6.8833+1.0862i	6.3059-1.1255i
36.4	0.0569-0.0257i	-0.0581+0.0128i	-0.0042-0.0174i	0.0014+0.0094i	-3.4833+0.9951i	4.4440-1.4185i	-6.9478+1.1060i	6.3274-1.1175i
36.5	0.0570-0.0350i	-0.0648+0.0201i	-0.0078-0.0174i	0.0004+0.0104i	-3.4734+1.1211i	4.1894-1.5205i	-6.8844+1.2174i	6.1689-1.2465i
36.6	0.0613-0.0445i	-0.0681+0.0249i	-0.0087-0.0188i	0.0003+0.0086i	-3.3377+1.0689i	4.0788-1.5084i	-6.7954+1.1851i	6.1111-1.2413i
36.7	0.0607-0.0529i	-0.0705+0.0304i	-0.0094-0.0192i	0.0004+0.0073i	-3.2878+1.0146i	4.0387-1.5206i	-6.7594+1.2120i	6.0734-1.2556i
36.8	0.0561-0.0604i	-0.0733+0.0361i	-0.0130-0.0200i	-0.0006+0.0068i	-3.2405+0.9999i	3.8830-1.5113i	-6.7266+1.2024i	5.9973-1.2550i
36.9	0.0592-0.0668i	-0.0738+0.0491i	-0.0130-0.0164i	0.0007+0.0091i	-3.2381+1.1986i	3.9436-1.5486i	-6.7446+1.2966i	5.9921-1.2906i
37.0	0.0511-0.0802i	-0.0759+0.0616i	-0.0165-0.0161i	-0.0018+0.0093i	-3.0894+1.2753i	3.7042-1.6352i	-6.6460+1.4085i	5.8085-1.4291i
37.1	0.0501-0.0879i	-0.0793+0.0726i	-0.0178-0.0138i	-0.0022+0.0101i	-3.0850+1.2888i	3.6268-1.5891i	-6.5812+1.3978i	5.7843-1.4080i

37.2	0.0448-0.1033i	-0.0727+0.0857i	-0.0203-0.0151i	-0.0013+0.0088i	-2.9428+1.3013i	3.5707-1.6892i	-6.5611+1.4500i	5.7646-1.4117i
37.3	0.0388-0.1078i	-0.0707+0.0925i	-0.0205-0.0142i	-0.0011+0.0100i	-3.0052+1.2722i	3.4739-1.5762i	-6.5280+1.3494i	5.6837-1.3571i
37.4	0.0279-0.1128i	-0.0650+0.1062i	-0.0235-0.0101i	-0.0026+0.0136i	-2.9996+1.3260i	3.3517-1.5985i	-6.4579+1.4690i	5.6089-1.4014i
37.5	0.0182-0.1260i	-0.0592+0.1196i	-0.0237-0.0100i	-0.0037+0.0119i	-2.8808+1.4266i	3.1970-1.6217i	-6.3972+1.4723i	5.4986-1.4311i
37.6	0.0034-0.1356i	-0.0475+0.1331i	-0.0256-0.0076i	-0.0032+0.0129i	-2.7346+1.4580i	3.1632-1.6624i	-6.3610+1.5439i	5.4460-1.4412i
37.7	-0.0143-0.1448i	-0.0295+0.1491i	-0.0249-0.0049i	-0.0026+0.0159i	-2.6823+1.4483i	3.1054-1.6934i	-6.2993+1.6306i	5.4564-1.4352i
37.8	-0.0341-0.1533i	-0.0087+0.1594i	-0.0273-0.0037i	-0.0001+0.0163i	-2.5929+1.4589i	2.9496-1.7436i	-6.1824+1.6649i	5.3999-1.4569i
37.9	-0.0563-0.1514i	0.0141+0.1667i	-0.0263+0.0006i	0.0017+0.0170i	-2.4923+1.5314i	2.8091-1.6866i	-6.0556+1.6955i	5.2845-1.3955i
38.0	-0.0853-0.1451i	0.0430+0.1734i	-0.0260+0.0047i	0.0022+0.0219i	-2.2941+1.6249i	2.7656-1.6484i	-6.0554+1.8047i	5.2775-1.4325i
38.1	-0.1015-0.1317i	0.0689+0.1674i	-0.0225+0.0085i	0.0072+0.0216i	-2.1731+1.6905i	2.6064-1.7067i	-5.8630+1.8904i	5.1654-1.4993i
38.2	-0.1151-0.1219i	0.0948+0.1551i	-0.0166+0.0080i	0.0105+0.0188i	-2.0981+1.6216i	2.6306-1.6380i	-5.7866+1.7817i	5.1654-1.4116i
38.3	-0.1357-0.1035i	0.1180+0.1323i	-0.0168+0.0070i	0.0128+0.0148i	-1.9179+1.4509i	2.5087-1.4944i	-5.6401+1.6259i	5.0409-1.3231i
38.4	-0.1515-0.0896i	0.1360+0.1161i	-0.0163+0.0075i	0.0127+0.0139i	-1.9706+1.4009i	2.4173-1.4475i	-5.5935+1.5685i	5.0216-1.3507i
38.5	-0.1624-0.0687i	0.1468+0.0930i	-0.0161+0.0056i	0.0143+0.0133i	-1.8719+1.4350i	2.4462-1.5349i	-5.5930+1.5742i	5.1057-1.3514i
38.6	-0.1728-0.0400i	0.1538+0.0629i	-0.0174+0.0066i	0.0152+0.0107i	-1.7637+1.3932i	2.2861-1.6528i	-5.5073+1.6375i	4.9559-1.4388i
38.7	-0.1764-0.0225i	0.1604+0.0446i	-0.0152+0.0060i	0.0135+0.0097i	-1.6863+1.3938i	2.2347-1.7050i	-5.4924+1.6820i	4.9272-1.4901i
38.8	-0.1725+0.0046i	0.1535+0.0191i	-0.0178+0.0077i	0.0143+0.0060i	-1.5821+1.3483i	2.1523-1.6485i	-5.4244+1.6694i	4.9035-1.4872i
38.9	-0.1632+0.0283i	0.1472-0.0056i	-0.0162+0.0081i	0.0139+0.0058i	-1.5945+1.2855i	2.1118-1.6406i	-5.4081+1.5873i	4.8636-1.4402i
39.0	-0.1529+0.0443i	0.1380-0.0185i	-0.0151+0.0090i	0.0144+0.0054i	-1.5603+1.2358i	2.0562-1.6337i	-5.3854+1.5365i	4.8371-1.3957i
39.1	-0.1352+0.0603i	0.1184-0.0317i	-0.0166+0.0107i	0.0099+0.0040i	-1.4449+1.2566i	1.9029-1.5638i	-5.3176+1.5262i	4.7312-1.3839i
39.2	-0.1210+0.0745i	0.1024-0.0438i	-0.0163+0.0123i	0.0088+0.0039i	-1.4699+1.2176i	1.8181-1.4104i	-5.2522+1.4266i	4.6546-1.2766i
39.3	-0.1071+0.0854i	0.0909-0.0506i	-0.0141+0.0128i	0.0101+0.0038i	-1.4410+1.1789i	1.6626-1.3356i	-5.1231+1.4240i	4.5232-1.2620i
39.4	-0.0909+0.0878i	0.0767-0.0548i	-0.0138+0.0158i	0.0081+0.0044i	-1.3804+1.1970i	1.6181-1.3957i	-5.1150+1.4301i	4.5150-1.2811i
39.5	-0.0788+0.0946i	0.0672-0.0562i	-0.0130+0.0150i	0.0080+0.0043i	-1.2439+1.1420i	1.6288-1.3425i	-5.1015+1.3869i	4.4917-1.2405i
39.6	-0.0597+0.0997i	0.0485-0.0603i	-0.0112+0.0170i	0.0070+0.0038i	-1.1684+1.1020i	1.3670-1.2976i	-4.9526+1.3653i	4.3345-1.1885i
39.7	-0.0472+0.0978i	0.0372-0.0573i	-0.0113+0.0170i	0.0057+0.0032i	-1.1081+1.0630i	1.3030-1.2819i	-4.9239+1.3627i	4.2908-1.1684i
39.8	-0.0376+0.0910i	0.0313-0.0487i	-0.0097+0.0179i	0.0059+0.0054i	-1.1185+1.0432i	1.3258-1.1789i	-4.9363+1.3084i	4.2973-1.0862i
39.9	-0.0346+0.0899i	0.0251-0.0442i	-0.0097+0.0191i	0.0046+0.0057i	-1.1018+1.0515i	1.2626-1.1607i	-4.9186+1.2959i	4.2700-1.0354i
40.0	-0.0221+0.0957i	0.0181-0.0433i	-0.0074+0.0224i	0.0045+0.0096i	-0.9917+1.0981i	1.2531-1.0642i	-4.8965+1.2912i	4.2798-0.9526i
40.1	-0.0109+0.0880i	0.0151-0.0356i	-0.0042+0.0222i	0.0067+0.0089i	-1.0451+0.9362i	1.2350-0.9780i	-4.8518+1.1924i	4.2771-0.8511i
40.2	-0.0006+0.0796i	0.0116-0.0299i	-0.0010+0.0202i	0.0069+0.0100i	-0.9350+0.9597i	1.1648-0.9759i	-4.8061+1.1790i	4.2662-0.8800i
40.3	0.0031+0.0730i	0.0095-0.0235i	0.0001+0.0204i	0.0093+0.0081i	-0.9100+0.9358i	1.2313-0.9558i	-4.8873+1.1355i	4.3069-0.8414i
40.4	0.0051+0.0709i	0.0121-0.0215i	0.0021+0.0204i	0.0093+0.0090i	-0.8520+0.9628i	1.2020-0.9428i	-4.8872+1.0996i	4.3317-0.8030i
40.5	0.0120+0.0642i	0.0098-0.0165i	0.0022+0.0187i	0.0084+0.0094i	-0.8135+0.8852i	1.0836-0.8167i	-4.7847+0.9889i	4.2769-0.6960i
40.6	0.0160+0.0608i	0.0117-0.0145i	0.0048+0.0184i	0.0103+0.0098i	-0.7598+0.7830i	1.0144-0.7297i	-4.7445+0.9248i	4.2598-0.6538i
40.7	0.0200+0.0598i	0.0149-0.0151i	0.0081+0.0190i	0.0138+0.0091i	-0.7551+0.7979i	1.1394-0.6764i	-4.7856+0.8740i	4.3372-0.5958i
40.8	0.0235+0.0572i	0.0131-0.0171i	0.0094+0.0167i	0.0138+0.0077i	-0.7360+0.8030i	1.1359-0.7365i	-4.8117+0.8942i	4.4000-0.6156i
40.9	0.0254+0.0502i	0.0114-0.0170i	0.0100+0.0139i	0.0136+0.0057i	-0.7238+0.7056i	1.0745-0.7299i	-4.7524+0.8545i	4.3280-0.5941i
41.0	0.0291+0.0437i	0.0090-0.0075i	0.0111+0.0157i	0.0133+0.0066i	-0.7198+0.5850i	1.0566-0.5654i	-4.7518+0.6989i	4.3266-0.4511i
41.1	0.0296+0.0410i	0.0125-0.0130i	0.0117+0.0124i	0.0149+0.0049i	-0.7558+0.5850i	1.1312-0.5822i	-4.8517+0.6611i	4.4398-0.5102i
41.2	0.0337+0.0395i	0.0095-0.0162i	0.0132+0.0101i	0.0149+0.0031i	-0.7541+0.5933i	1.1341-0.6257i	-4.8706+0.7196i	4.4794-0.5198i
41.3	0.0369+0.0342i	0.0084-0.0157i	0.0145+0.0085i	0.0154+0.0027i	-0.7095+0.5820i	1.0771-0.6356i	-4.8731+0.7272i	4.4838-0.5153i
41.4	0.0413+0.0290i	0.0067-0.0156i	0.0149+0.0061i	0.0142+0.0012i	-0.6526+0.5483i	1.1021-0.6304i	-4.8754+0.6782i	4.4802-0.5309i
41.5	0.0392+0.0234i	0.0044-0.0148i	0.0133+0.0047i	0.0142+0.0000i	-0.7237+0.5396i	1.1761-0.5955i	-4.9909+0.6380i	4.5045-0.4782i
41.6	0.0390+0.0199i	0.0049-0.0127i	0.0124+0.0033i	0.0142+0.0002i	-0.7401+0.6113i	1.2075-0.6074i	-5.0926+0.6509i	4.5814-0.4808i
41.7	0.0358+0.0178i	0.0046-0.0166i	0.0124+0.0016i	0.0133-0.0008i	-0.7512+0.5749i	1.1560-0.6106i	-5.0461+0.6694i	4.5601-0.5134i
41.8	0.0395+0.0112i	0.0024-0.0124i	0.0131+0.0019i	0.0130-0.0029i	-0.7089+0.5369i	1.1394-0.5478i	-5.0450+0.5834i	4.5932-0.4662i
41.9	0.0415+0.0060i	0.0017-0.0132i	0.0122-0.0014i	0.0131-0.0023i	-0.6874+0.5885i	1.1159-0.6150i	-5.0660+0.6436i	4.6262-0.5015i
42.0	0.0428-0.0004i	-0.0046-0.0118i	0.0115-0.0025i	0.0106-0.0042i	-0.6593+0.5011i	1.0388-0.4990i	-5.0456+0.5436i	4.5812-0.4515i
42.1	0.0399-0.0107i	-0.0052-0.0085i	0.0114-0.0064i	0.0113-0.0056i	-0.6877+0.5182i	1.0671-0.4179i	-5.0999+0.4662i	4.6328-0.3488i
42.2	0.0327-0.0195i	-0.0072+0.0026i	0.0075-0.0053i	0.0093-0.0036i	-0.7586+0.5310i	1.1574-0.4499i	-5.2028+0.5406i	4.7046-0.3947i
42.3	0.0263-0.0140i	-0.0006+0.0011i	0.0074-0.0040i	0.0090-0.0033i	-0.6924+0.5403i	1.0908-0.6068i	-5.1642+0.6770i	4.6814-0.5556i
42.4	0.0254-0.0184i	-0.0049+0.0017i	0.0068-0.0054i	0.0085-0.0033i	-0.6114+0.5211i	0.9497-0.5945i	-5.1158+0.6269i	4.5935-0.5167i
42.5	0.0176-0.0232i	0.0017+0.0049i	0.0069-0.0051i	0.0056-0.0040i	-0.6729+0.4326i	1.0030-0.4870i	-5.1388+0.5628i	4.6398-0.4277i
42.6	0.0152-0.0217i	0.0041+0.0018i	0.0054-0.0064i	0.0074-0.0042i	-0.6328+0.4514i	1.0348-0.4743i	-5.1999+0.5536i	4.7335-0.4450i
42.7	0.0154-0.0235i	0.0022+0.0018i	0.0059-0.0080i	0.0068-0.0066i	-0.5676+0.5028i	1.0149-0.5780i	-5.1928+0.6111i	4.6983-0.5067i
42.8	0.0052-0.0217i	0.0030+0.0008i	0.0034-0.0090i	0.0036-0.0062i	-0.6125+0.5114i	1.0047-0.5547i	-5.2233+0.6189i	4.7305-0.4983i
42.9	0.0032-0.0173i	0.0034-0.0002i	0.0010-0.0067i	0.0029-0.0054i	-0.5692+0.5270i	0.9745-0.5337i	-5.2592+0.6278i	4.7465-0.4859i
43.0	0.0109-0.0169i	-0.0044-0.0010i	0.0031-0.0073i	0.0031-0.0043i	-0.4584+0.5325i	0.9298-0.6266i	-5.2330+0.6659i	4.7832-0.5738i
43.1	0.0045-0.0238i	-0.0000+0.0080i	-0.0002-0.0078i	0.0033-0.0036i	-0.5836+0.5184i	0.9158-0.5646i	-5.2694+0.6477i	4.7465-0.5350i
43.2	-0.0022-0.0271i	0.0016+0.0041i	-0.0021-0.0085i	0.0009-0.0074i	-0.5378+0.4860i	0.8942-0.6287i	-5.3030+0.6437i	4.7400-0.5750i
43.3	-0.0089-0.0238i	-0.0002+0.0070i	-0.0034-0.0072i	-0.0028-0.0041i	-0.5354+0.5223i	0.8789-0.6074i	-5.3500+0.6003i	4.7475-0.5186i
43.4	-0.0163-0.0173i	0.0015+0.0076i	-0.0059-0.0051i	-0.0026-0.0021i	-0.5065+0.5439i	0.8653-0.5469i	-5.3367+0.6206i	4.7426-0.4798i

43.5	-0.0101-0.0132i	0.0004+0.0107i	-0.0042-0.0025i	-0.0010-0.0008i	-0.5424+0.4997i	0.8872-0.4907i	-5.3650+0.6141i	4.7725-0.4532i
43.6	-0.0112-0.0099i	0.0051+0.0081i	-0.0026-0.0036i	-0.0002+0.0018i	-0.5849+0.5138i	0.9271-0.5102i	-5.4706+0.6206i	4.8713-0.4793i
43.7	-0.0121-0.0129i	0.0026+0.0048i	-0.0037-0.0043i	-0.0014-0.0016i	-0.4600+0.5787i	0.8959-0.5732i	-5.4569+0.6621i	4.8863-0.5296i
43.8	-0.0103-0.0077i	0.0038+0.0102i	-0.0046-0.0016i	-0.0025+0.0021i	-0.4771+0.5529i	0.8891-0.6076i	-5.4216+0.6993i	4.8647-0.5224i
43.9	-0.0115-0.0063i	0.0067+0.0112i	-0.0043-0.0015i	-0.0014+0.0028i	-0.5167+0.5949i	0.8790-0.5470i	-5.4814+0.6794i	4.8727-0.4753i
44.0	-0.0091-0.0092i	0.0083+0.0094i	-0.0012-0.0005i	0.0010+0.0016i	-0.3813+0.5758i	0.7806-0.5300i	-5.4016+0.6704i	4.8247-0.4739i
44.1	-0.0134-0.0084i	0.0087+0.0108i	-0.0047-0.0010i	-0.0010+0.0024i	-0.4078+0.5758i	0.7949-0.6036i	-5.4479+0.6869i	4.8762-0.5550i
44.2	-0.0083-0.0065i	0.0107+0.0059i	0.0008-0.0026i	0.0002+0.0008i	-0.4342+0.5576i	0.7868-0.6217i	-5.4600+0.7142i	4.8761-0.6066i
44.3	-0.0179-0.0091i	0.0076+0.0051i	-0.0054-0.0042i	-0.0032+0.0001i	-0.3860+0.4814i	0.7266-0.5813i	-5.5346+0.6780i	4.8913-0.5258i
44.4	-0.0174-0.0019i	0.0059+0.0043i	-0.0042-0.0013i	-0.0031+0.0026i	-0.4019+0.4376i	0.7762-0.5522i	-5.6423+0.7086i	4.9821-0.5027i
44.5	-0.0110+0.0042i	0.0058-0.0003i	-0.0029+0.0008i	-0.0011+0.0044i	-0.4720+0.5654i	0.7659-0.5814i	-5.6006+0.7614i	4.9959-0.5683i
44.6	-0.0080-0.0065i	0.0016-0.0014i	-0.0040-0.0045i	-0.0008+0.0014i	-0.3331+0.5904i	0.7756-0.6476i	-5.6051+0.7524i	4.9619-0.6559i
44.7	-0.0098-0.0003i	-0.0004+0.0047i	-0.0058-0.0020i	-0.0027+0.0047i	-0.3599+0.5724i	0.7345-0.5670i	-5.6697+0.7162i	5.0416-0.5332i
44.8	-0.0112+0.0017i	-0.0004+0.0038i	-0.0048-0.0005i	-0.0040+0.0059i	-0.3590+0.5900i	0.7451-0.5921i	-5.6147+0.7667i	5.0213-0.5472i
44.9	-0.0053+0.0010i	-0.0029+0.0049i	-0.0042-0.0005i	-0.0018+0.0042i	-0.4086+0.6176i	0.7654-0.5845i	-5.6590+0.7454i	5.0775-0.5525i
45.0	-0.0119+0.0009i	-0.0034+0.0072i	-0.0069-0.0003i	-0.0040+0.0046i	-0.3170+0.6300i	0.7242-0.5712i	-5.6814+0.7237i	5.0832-0.5462i
45.1	0.0000+0.0023i	-0.0027+0.0106i	-0.0023+0.0011i	0.0006+0.0074i	-0.2998+0.5901i	0.7315-0.5570i	-5.6532+0.7651i	5.0970-0.5774i
45.2	-0.0026-0.0016i	-0.0009+0.0075i	-0.0016+0.0002i	0.0004+0.0049i	-0.3039+0.5617i	0.7751-0.5595i	-5.7391+0.7186i	5.2050-0.5525i
45.3	-0.0051-0.0028i	-0.0016+0.0069i	-0.0027-0.0032i	-0.0014+0.0055i	-0.3133+0.5203i	0.7582-0.5833i	-5.7862+0.6789i	5.2090-0.5154i
45.4	-0.0020-0.0032i	-0.0042+0.0075i	-0.0027-0.0022i	-0.0010+0.0072i	-0.3622+0.5757i	0.7534-0.5846i	-5.8556+0.6885i	5.2932-0.5345i
45.5	-0.0048-0.0079i	-0.0029+0.0104i	-0.0035-0.0028i	-0.0020+0.0050i	-0.3182+0.5913i	0.7459-0.6372i	-5.8577+0.7564i	5.2442-0.5965i
45.6	-0.0135-0.0071i	-0.0052+0.0101i	-0.0077-0.0031i	-0.0056+0.0063i	-0.3525+0.6222i	0.7431-0.6552i	-5.9444+0.7922i	5.2950-0.6119i
45.7	-0.0084-0.0017i	-0.0038+0.0131i	-0.0057-0.0002i	-0.0047+0.0089i	-0.3493+0.5608i	0.7278-0.6021i	-5.9581+0.7917i	5.3369-0.5945i
45.8	-0.0087-0.0012i	-0.0040+0.0138i	-0.0043+0.0017i	-0.0031+0.0105i	-0.2979+0.6490i	0.6749-0.6448i	-5.9544+0.8208i	5.3407-0.6063i
45.9	-0.0056-0.0021i	-0.0032+0.0120i	-0.0057-0.0024i	-0.0022+0.0077i	-0.2069+0.6682i	0.6799-0.6757i	-5.9851+0.8084i	5.3945-0.6366i
46.0	-0.0117-0.0035i	-0.0112+0.0109i	-0.0109-0.0018i	-0.0054+0.0080i	-0.2637+0.6683i	0.6328-0.6838i	-6.0188+0.8091i	5.3349-0.6454i
46.1	-0.0037-0.0003i	-0.0106+0.0170i	-0.0083+0.0002i	-0.0034+0.0098i	-0.3039+0.6832i	0.6468-0.6784i	-6.0580+0.8507i	5.3698-0.6221i
46.2	-0.0109-0.0021i	-0.0107+0.0173i	-0.0091+0.0003i	-0.0062+0.0098i	-0.3375+0.6644i	0.6543-0.7017i	-6.0979+0.8882i	5.4005-0.6870i
46.3	-0.0055-0.0014i	-0.0092+0.0170i	-0.0096+0.0002i	-0.0044+0.0095i	-0.2793+0.7120i	0.6190-0.7418i	-6.1154+0.8815i	5.4164-0.6730i
46.4	-0.0147+0.0069i	-0.0143+0.0241i	-0.0124+0.0028i	-0.0058+0.0145i	-0.3052+0.7639i	0.6530-0.7954i	-6.2091+0.9969i	5.4464-0.7130i
46.5	-0.0054+0.0046i	-0.0062+0.0238i	-0.0103+0.0043i	-0.0046+0.0129i	-0.3306+0.8430i	0.6697-0.7712i	-6.2757+1.0354i	5.5238-0.7299i
46.6	-0.0096+0.0098i	-0.0134+0.0249i	-0.0092+0.0074i	-0.0034+0.0169i	-0.2231+0.8449i	0.6360-0.8401i	-6.2221+1.1575i	5.5080-0.8574i
46.7	0.0056+0.0065i	-0.0059+0.0270i	-0.0045+0.0051i	0.0025+0.0144i	-0.1999+0.8781i	0.6404-0.8248i	-6.2139+1.1430i	5.5931-0.8591i
46.8	0.0042+0.0012i	-0.0055+0.0241i	-0.0038+0.0023i	0.0011+0.0124i	-0.1605+0.9036i	0.6841-0.8648i	-6.3276+1.1972i	5.6589-0.8966i
46.9	0.0089-0.0024i	-0.0046+0.0236i	-0.0035+0.0020i	0.0032+0.0118i	-0.1601+0.8749i	0.6868-0.9281i	-6.3842+1.2498i	5.6972-0.9181i
47.0	0.0022-0.0049i	-0.0098+0.0220i	-0.0092+0.0016i	-0.0022+0.0118i	-0.2175+0.9144i	0.6383-0.9371i	-6.4669+1.3142i	5.6945-0.9977i
47.1	-0.0074-0.0104i	-0.0217+0.0214i	-0.0099+0.0006i	-0.0027+0.0130i	-0.1395+0.9434i	0.6058-0.9317i	-6.4497+1.3692i	5.6906-1.0410i
47.2	0.0095-0.0094i	-0.0172+0.0267i	-0.0133+0.0019i	-0.0036+0.0122i	-0.1878+1.0037i	0.5764-0.9677i	-6.4886+1.3136i	5.7905-1.0157i
47.3	-0.0019-0.0090i	-0.0221+0.0349i	-0.0120+0.0020i	-0.0030+0.0142i	-0.2035+1.0293i	0.5554-0.9993i	-6.4539+1.3996i	5.7242-1.0525i
47.4	0.0028-0.0151i	-0.0196+0.0359i	-0.0127+0.0024i	-0.0034+0.0123i	-0.0737+0.9890i	0.5450-1.0645i	-6.4980+1.4350i	5.7195-1.0580i
47.5	-0.0024-0.0187i	-0.0249+0.0395i	-0.0154+0.0032i	-0.0056+0.0144i	0.0180+1.0578i	0.5211-1.1528i	-6.5793+1.5610i	5.8079-1.2098i
47.6	-0.0036-0.0255i	-0.0258+0.0436i	-0.0160+0.0020i	-0.0059+0.0134i	-0.0802+1.1085i	0.5589-1.1091i	-6.6460+1.4892i	5.8572-1.1713i
47.7	-0.0187-0.0185i	-0.0319+0.0553i	-0.0216+0.0068i	-0.0113+0.0169i	-0.0370+1.1668i	0.4688-1.1337i	-6.6252+1.5796i	5.7786-1.2082i
47.8	-0.0166-0.0166i	-0.0285+0.0613i	-0.0229+0.0122i	-0.0112+0.0222i	0.0461+1.1448i	0.4121-1.2155i	-6.6415+1.7212i	5.8024-1.2414i
47.9	-0.0043-0.0115i	-0.0152+0.0692i	-0.0143+0.0157i	-0.0052+0.0252i	0.0523+1.1581i	0.4082-1.1738i	-6.5524+1.7045i	5.8146-1.1514i
48.0	-0.0091-0.0116i	-0.0192+0.0718i	-0.0162+0.0181i	-0.0050+0.0252i	0.0451+1.2684i	0.3934-1.2140i	-6.6165+1.7667i	5.8729-1.1832i
48.1	-0.0135-0.0025i	-0.0127+0.0876i	-0.0161+0.0215i	-0.0060+0.0311i	0.0766+1.3307i	0.4141-1.2188i	-6.6674+1.9390i	5.9501-1.2574i
48.2	-0.0118-0.0091i	-0.0057+0.0905i	-0.0091+0.0247i	0.0029+0.0314i	0.1238+1.3432i	0.4038-1.2639i	-6.6593+2.0022i	6.0465-1.2933i
48.3	-0.0099-0.0230i	0.0010+0.0838i	-0.0070+0.0196i	0.0037+0.0293i	0.1701+1.3794i	0.4048-1.2993i	-6.6378+2.0110i	6.0717-1.3600i
48.4	-0.0143-0.0154i	0.0032+0.0952i	-0.0071+0.0241i	0.0032+0.0352i	0.2565+1.4033i	0.3091-1.3071i	-6.5713+2.0059i	6.0193-1.3133i
48.5	-0.0100-0.0231i	0.0221+0.0937i	-0.0014+0.0236i	0.0098+0.0317i	0.3229+1.4985i	0.3403-1.3863i	-6.6243+2.0540i	6.2030-1.3646i
48.6	-0.0104-0.0187i	0.0269+0.0958i	-0.0023+0.0208i	0.0107+0.0311i	0.3844+1.4655i	0.2724-1.3438i	-6.6111+2.0156i	6.2079-1.4069i
48.7	-0.0342-0.0251i	0.0218+0.0911i	-0.0053+0.0175i	0.0065+0.0297i	0.4011+1.3750i	0.2308-1.4025i	-6.6073+1.9813i	6.2021-1.4949i
48.8	-0.0294-0.0157i	0.0333+0.0959i	-0.0056+0.0229i	0.0071+0.0307i	0.4396+1.3934i	0.1851-1.4206i	-6.6017+2.0446i	6.2076-1.5188i
48.9	-0.0346-0.0159i	0.0363+0.0975i	-0.0034+0.0217i	0.0098+0.0330i	0.5717+1.4749i	0.1417-1.4150i	-6.5708+2.1224i	6.1676-1.5591i
49.0	-0.0343-0.0070i	0.0443+0.0950i	0.0002+0.0239i	0.0136+0.0336i	0.5200+1.4264i	0.1730-1.3900i	-6.6187+2.0711i	6.2227-1.5206i
49.1	-0.0308-0.0054i	0.0513+0.0925i	0.0012+0.0247i	0.0156+0.0342i	0.5488+1.4000i	0.1196-1.3404i	-6.5995+2.0177i	6.1970-1.5213i
49.2	-0.0341-0.0032i	0.0570+0.0954i	0.0026+0.0242i	0.0182+0.0365i	0.5896+1.4066i	0.0770-1.4137i	-6.6651+2.1494i	6.2352-1.6710i
49.3	-0.0286+0.0024i	0.0682+0.0918i	0.0031+0.0281i	0.0167+0.0367i	0.4959+1.3984i	0.1260-1.4424i	-6.7663+2.1662i	6.2846-1.6283i
49.4	-0.0317+0.0095i	0.0682+0.0947i	0.0068+0.0318i	0.0235+0.0388i	0.6357+1.4109i	0.0798-1.4575i	-6.7283+2.2117i	6.3345-1.6678i
49.5	-0.0304+0.0095i	0.0710+0.0870i	0.0043+0.0300i	0.0229+0.0374i	0.6240+1.3808i	0.0644-1.4352i	-6.7329+2.1746i	6.3428-1.6827i
49.6	-0.0257+0.0140i	0.0782+0.0880i	0.0075+0.0329i	0.0262+0.0382i	0.5706+1.3830i	0.1024-1.4937i	-6.7915+2.2522i	6.4103-1.7693i
49.7	-0.0248+0.0323i	0.0841+0.0955i	0.0082+0.0389i	0.0267+0.0447i	0.7804+1.3971i	0.0552-1.5465i	-6.8800+2.3980i	6.5172-1.8878i

49.8	-0.0135+0.0170i	0.0931+0.0839i	0.0198+0.0355i	0.0370+0.0412i	0.7916+1.5628i	0.0922-1.6115i	-6.9588+2.4518i	6.6100-1.9661i
49.9	0.0121+0.0300i	0.1138+0.0871i	0.0203+0.0403i	0.0372+0.0462i	0.8066+1.5022i	0.0480-1.5564i	-6.9265+2.5068i	6.6705-1.9033i
50.0	0.0075+0.0297i	0.1115+0.0851i	0.0319+0.0386i	0.0460+0.0444i	0.8453+1.5315i	0.0917-1.6614i	-6.9888+2.5566i	6.7113-2.0809i
50.1	-0.0132+0.0055i	0.1029+0.0658i	0.0268+0.0209i	0.0461+0.0243i	0.8705+1.4718i	0.0189-1.7526i	-7.0927+2.5761i	6.7043-2.1625i
50.2	-0.0129+0.0283i	0.1086+0.0773i	0.0254+0.0315i	0.0448+0.0340i	0.8976+1.4186i	-0.0265-1.7563i	-7.1175+2.7400i	6.7157-2.2513i
50.3	0.0005+0.0462i	0.1196+0.0893i	0.0295+0.0363i	0.0456+0.0410i	0.6925+1.3999i	0.1145-1.6206i	-7.1486+2.7883i	6.9428-2.1977i
50.4	0.0072+0.0228i	0.1314+0.0688i	0.0389+0.0301i	0.0565+0.0326i	0.8818+1.4662i	0.0353-1.8044i	-7.2088+2.8734i	7.0282-2.4007i
50.5	0.0024+0.0159i	0.1311+0.0540i	0.0412+0.0244i	0.0594+0.0260i	0.9138+1.4764i	-0.0354-1.8875i	-7.2315+2.9852i	7.0413-2.5137i
50.6	0.0143+0.0205i	0.1295+0.0507i	0.0378+0.0230i	0.0539+0.0255i	0.9026+1.6197i	0.0548-1.9482i	-7.3321+3.0224i	7.1879-2.6183i
50.7	0.0295+0.0126i	0.1477+0.0432i	0.0563+0.0215i	0.0752+0.0232i	1.0041+1.6366i	0.0499-2.0355i	-7.4278+3.0157i	7.1959-2.5733i
50.8	0.0316+0.0067i	0.1428+0.0357i	0.0445+0.0192i	0.0606+0.0191i	1.0300+1.6699i	-0.0052-2.1326i	-7.3405+3.2750i	7.1833-2.8635i
50.9	0.0303+0.0091i	0.1469+0.0403i	0.0546+0.0174i	0.0718+0.0158i	1.0281+1.6181i	-0.0437-2.1541i	-7.4266+3.3408i	7.2878-2.9442i
51.0	0.0519-0.0175i	0.1612+0.0175i	0.0620+0.0014i	0.0770+0.0002i	1.1267+1.6313i	-0.0210-2.3156i	-7.4107+3.4328i	7.3520-3.1735i
51.1	0.0291-0.0215i	0.1519+0.0118i	0.0503-0.0038i	0.0673-0.0039i	1.0127+1.7054i	-0.0460-2.3582i	-7.5881+3.5308i	7.3287-3.3198i
51.2	0.0354-0.0281i	0.1541+0.0075i	0.0531-0.0091i	0.0673-0.0140i	1.0617+1.7865i	-0.0911-2.3801i	-7.5217+3.5616i	7.3694-3.3727i
51.3	0.0249-0.0338i	0.1527-0.0033i	0.0573-0.0129i	0.0742-0.0149i	1.1269+1.7020i	-0.1509-2.4851i	-7.5562+3.7048i	7.3199-3.6018i
51.4	0.0171-0.0289i	0.1520-0.0062i	0.0487-0.0105i	0.0637-0.0139i	1.1030+1.7328i	-0.1902-2.6274i	-7.7086+3.9233i	7.3693-3.8421i
51.5	0.0206-0.0324i	0.1532-0.0095i	0.0539-0.0100i	0.0662-0.0148i	1.1068+1.6913i	-0.1940-2.6835i	-7.7302+4.0533i	7.4423-3.8252i
51.6	0.0350-0.0553i	0.1653-0.0302i	0.0603-0.0231i	0.0729-0.0286i	1.2489+1.8626i	-0.2060-2.7928i	-7.7013+4.2620i	7.4180-4.1939i
51.7	0.0117-0.0574i	0.1567-0.0341i	0.0534-0.0259i	0.0605-0.0306i	1.2206+1.9590i	-0.2435-2.9260i	-7.8983+4.5377i	7.4521-4.4859i
51.8	0.0130-0.0622i	0.1664-0.0416i	0.0600-0.0339i	0.0651-0.0393i	1.2378+2.0076i	-0.3041-3.1165i	-7.9767+4.7491i	7.6487-4.7311i
51.9	-0.0185-0.0592i	0.1536-0.0637i	0.0437-0.0449i	0.0495-0.0478i	1.2510+2.1380i	-0.2838-3.2775i	-8.0244+5.1596i	7.5278-5.2251i
52.0	-0.0169-0.0421i	0.1459-0.0593i	0.0442-0.0352i	0.0493-0.0341i	1.2650+2.3764i	-0.4265-3.4619i	-7.8913+5.5024i	7.4150-5.4493i
52.1	-0.0135-0.0374i	0.1440-0.0704i	0.0392-0.0418i	0.0487-0.0383i	1.3850+2.4522i	-0.6029-3.6952i	-7.7494+5.7541i	7.2295-5.7771i
52.2	0.0061-0.0469i	0.1383-0.0765i	0.0405-0.0480i	0.0515-0.0423i	1.6268+2.4707i	-0.8857-3.6943i	-7.2338+5.8519i	6.7543-5.8568i
52.3	0.0015-0.0353i	0.1416-0.0719i	0.0415-0.0340i	0.0521-0.0344i	1.7009+2.4744i	-1.0031-3.7518i	-7.2344+6.1185i	6.7480-5.9564i
52.4	0.0129-0.0672i	0.1396-0.0999i	0.0430-0.0547i	0.0540-0.0576i	1.9228+2.4219i	-1.2127-3.9002i	-6.9094+6.2762i	6.5543-6.4146i
52.5	-0.0165-0.0507i	0.1138-0.0905i	0.0292-0.0466i	0.0346-0.0484i	1.9777+2.4977i	-1.4024-3.9559i	-6.7740+6.4181i	6.1380-6.3981i
52.6	0.0230-0.0537i	0.1384-0.0946i	0.0479-0.0520i	0.0553-0.0486i	2.1539+2.5505i	-1.5435-3.9021i	-6.5548+6.5088i	6.2243-6.4326i
52.7	0.0220-0.0991i	0.1372-0.1277i	0.0479-0.0760i	0.0538-0.0766i	2.1963+2.5411i	-1.6794-4.0824i	-6.4003+6.5795i	6.0636-6.7681i
52.8	-0.0339-0.0979i	0.1034-0.1279i	0.0182-0.0772i	0.0242-0.0754i	2.2637+2.6279i	-1.8134-4.1339i	-6.5122+6.6246i	5.7580-6.8603i
52.9	0.0009-0.0899i	0.1175-0.1332i	0.0359-0.0753i	0.0391-0.0744i	2.4384+2.6904i	-1.9832-4.2000i	-6.2043+6.8817i	5.7506-7.0332i
53.0	-0.0252-0.1237i	0.0957-0.1546i	0.0178-0.0972i	0.0241-0.0923i	2.4918+2.7033i	-2.2095-4.3348i	-5.9477+6.9072i	5.2065-7.3105i
53.1	-0.0413-0.1266i	0.0723-0.1604i	0.0047-0.0983i	0.0106-0.0905i	2.6491+2.5641i	-2.4814-4.2433i	-5.7196+6.9642i	4.8927-7.4237i
53.2	-0.0726-0.1449i	0.0587-0.1701i	-0.0099-0.1085i	-0.0074-0.1026i	2.7067+2.6451i	-2.6259-4.3208i	-5.6840+7.0132i	4.6953-7.5712i
53.3	-0.1079-0.1362i	0.0315-0.1697i	-0.0291-0.1038i	-0.0300-0.0975i	2.8572+2.6837i	-2.8439-4.3654i	-5.5329+7.1572i	4.3439-7.6287i
53.4	-0.1341-0.1213i	0.0102-0.1674i	-0.0442-0.1004i	-0.0458-0.0917i	3.1019+2.6943i	-3.1701-4.4082i	-5.2293+7.3931i	3.9303-7.7543i
53.5	-0.1581-0.0823i	-0.0108-0.1472i	-0.0586-0.0816i	-0.0605-0.0688i	3.1538+2.7505i	-3.3853-4.2888i	-5.0691+7.4151i	3.6339-7.5095i
53.6	-0.1493-0.0496i	-0.0214-0.1207i	-0.0598-0.0630i	-0.0599-0.0439i	3.3065+2.6877i	-3.5267-4.1791i	-4.7587+7.5849i	3.2903-7.5007i
53.7	-0.1470-0.0538i	-0.0207-0.1119i	-0.0592-0.0637i	-0.0595-0.0421i	3.4434+2.6894i	-3.6344-4.2396i	-4.6601+7.6117i	3.2258-7.4905i
53.8	-0.1573-0.0180i	-0.0229-0.0862i	-0.0654-0.0418i	-0.0598-0.0169i	3.5115+2.8414i	-3.8485-4.3159i	-4.4033+7.9128i	2.9476-7.6570i
53.9	-0.1289+0.0196i	-0.0109-0.0648i	-0.0513-0.0287i	-0.0442+0.0052i	3.7392+2.7986i	-4.1881-4.3445i	-3.6867+8.0299i	2.2288-7.7189i
54.0	-0.0885+0.0218i	0.0123-0.0565i	-0.0347-0.0236i	-0.0165+0.0091i	4.0494+2.7186i	-4.6307-4.1057i	-2.9669+7.6582i	1.4601-7.3497i
54.1	-0.0613-0.0119i	0.0397-0.0772i	-0.0218-0.0408i	0.0063-0.0118i	4.2529+2.5162i	-4.9425-3.8377i	-2.6215+7.1055i	0.9147-6.9301i
54.2	-0.0988-0.0524i	0.0034-0.1048i	-0.0459-0.0616i	-0.0157-0.0386i	4.3216+2.1729i	-5.0351-3.4901i	-2.6691+6.6354i	0.8137-6.4089i
54.3	-0.1299-0.0622i	-0.0073-0.1179i	-0.0603-0.0666i	-0.0323-0.0473i	4.3050+2.0477i	-5.1560-3.2523i	-2.6104+6.3776i	0.6830-6.0967i
54.4	-0.1565-0.0302i	-0.0260-0.1033i	-0.0759-0.0504i	-0.0472-0.0333i	4.2154+2.0395i	-5.1801-3.0315i	-2.7763+6.3186i	0.7643-5.5904i
54.5	-0.1560-0.0063i	-0.0331-0.0900i	-0.0771-0.0373i	-0.0507-0.0190i	4.3472+2.0731i	-5.1444-2.9760i	-2.8101+6.2935i	0.8877-5.2645i
54.6	-0.1530+0.0249i	-0.0361-0.0697i	-0.0827-0.0194i	-0.0492-0.0027i	4.4553+2.0055i	-5.2348-2.8269i	-2.6647+6.3109i	0.7705-5.0288i
54.7	-0.1150+0.0385i	-0.0193-0.0568i	-0.0660-0.0105i	-0.0313+0.0045i	4.5301+1.9786i	-5.2261-2.6691i	-2.4626+6.2469i	0.9858-4.7479i
54.8	-0.1320-0.0027i	-0.0242-0.0835i	-0.0721-0.0318i	-0.0348-0.0168i	4.7049+1.7786i	-5.3796-2.6522i	-2.3567+5.9406i	0.9597-4.8296i
54.9	-0.1624+0.0470i	-0.0523-0.0591i	-0.0901-0.0057i	-0.0553+0.0034i	4.5521+1.6953i	-5.4033-2.3927i	-2.4459+5.9156i	0.7914-4.4841i
55.0	-0.1405+0.0730i	-0.0428-0.0410i	-0.0789+0.0098i	-0.0440+0.0201i	4.8289+1.7456i	-5.4212-2.3225i	-2.2998+5.8762i	0.8760-4.2662i
55.1	-0.1138+0.0788i	-0.0318-0.0339i	-0.0688+0.0146i	-0.0296+0.0236i	4.8377+1.6859i	-5.4670-2.1938i	-2.1735+5.7116i	1.0131-4.0716i
55.2	-0.1025+0.0617i	-0.0279-0.0390i	-0.0611+0.0099i	-0.0252+0.0164i	4.9186+1.6286i	-5.4746-2.2038i	-2.0256+5.5684i	1.1109-4.0066i
55.3	-0.0966+0.0731i	-0.0285-0.0260i	-0.0587+0.0165i	-0.0224+0.0228i	5.0499+1.5191i	-5.5229-2.0354i	-1.8849+5.4156i	1.0694-3.8855i
55.4	-0.0866+0.0625i	-0.0253-0.0297i	-0.0556+0.0131i	-0.0148+0.0147i	5.0709+1.4056i	-5.5119-1.9379i	-1.8335+5.2253i	1.1408-3.7425i
55.5	-0.0759+0.0549i	-0.0134-0.0310i	-0.0483+0.0110i	-0.0093+0.0118i	5.1205+1.3819i	-5.5720-1.9054i	-1.8244+5.0382i	1.1463-3.6407i
55.6	-0.1006+0.0555i	-0.0281-0.0307i	-0.0616+0.0109i	-0.0190+0.0119i	5.2114+1.2510i	-5.6640-1.7797i	-1.9097+4.8707i	1.0182-3.5464i
55.7	-0.0871+0.0719i	-0.0251-0.0149i	-0.0574+0.0250i	-0.0159+0.0212i	5.1598+1.2023i	-5.4512-1.6453i	-1.9405+4.6795i	1.1257-3.2589i
55.8	-0.0796+0.0646i	-0.0187-0.0128i	-0.0505+0.0233i	-0.0112+0.0179i	5.2166+1.1368i	-5.4885-1.5609i	-1.9354+4.5005i	1.2330-3.1360i
55.9	-0.0681+0.0679i	-0.0074-0.0125i	-0.0454+0.0257i	-0.0036+0.0192i	5.3345+1.0040i	-5.5842-1.5176i	-1.9459+4.4053i	1.3231-3.0079i
56.0	-0.0693+0.0574i	-0.0107-0.0144i	-0.0426+0.0210i	-0.0046+0.0147i	5.3462+0.8858i	-5.7087-1.4724i	-1.9469+4.3055i	1.5023-2.9422i

56.1	-0.0744+0.0525i	-0.0136-0.0178i	-0.0461+0.0172i	-0.0089+0.0097i	5.2448+0.8896i	-5.5837-1.4016i	-2.1445+4.1045i	1.4434-2.8288i
56.2	-0.0663+0.0745i	-0.0059-0.0007i	-0.0395+0.0330i	-0.0045+0.0220i	5.3334+0.8204i	-5.6382-1.2696i	-2.2444+4.0178i	1.5487-2.5527i
56.3	-0.0625+0.0666i	-0.0018-0.0047i	-0.0383+0.0299i	-0.0005+0.0209i	5.4504+0.6457i	-5.7592-1.2146i	-2.2101+4.0031i	1.7448-2.5769i
56.4	-0.0638+0.0768i	-0.0032+0.0005i	-0.0383+0.0344i	-0.0008+0.0234i	5.5995+0.6188i	-5.7619-1.1861i	-2.3364+3.9389i	1.6949-2.5597i
56.5	-0.0573+0.0694i	0.0068-0.0000i	-0.0330+0.0328i	0.0032+0.0210i	5.5514+0.5953i	-5.6650-1.1511i	-2.4279+3.7519i	1.7819-2.3515i
56.6	-0.0542+0.0696i	0.0080+0.0020i	-0.0298+0.0339i	0.0079+0.0206i	5.6438+0.5513i	-5.6747-1.1047i	-2.4410+3.7120i	1.9668-2.3411i
56.7	-0.0486+0.0673i	0.0155-0.0023i	-0.0256+0.0329i	0.0102+0.0178i	5.6508+0.4023i	-5.6817-1.0292i	-2.5537+3.7167i	2.0505-2.3468i
56.8	-0.0456+0.0649i	0.0183-0.0061i	-0.0259+0.0300i	0.0109+0.0134i	5.6081+0.3787i	-5.7587-1.0473i	-2.6545+3.6806i	2.1474-2.2919i
56.9	-0.0465+0.0583i	0.0201-0.0103i	-0.0225+0.0264i	0.0107+0.0101i	5.7187+0.3284i	-5.7596-1.0657i	-2.7247+3.6677i	2.2799-2.2598i
57.0	-0.0408+0.0527i	0.0272-0.0177i	-0.0170+0.0236i	0.0159+0.0058i	5.7337+0.1779i	-5.7394-1.0414i	-2.7486+3.6966i	2.3458-2.2151i
57.1	-0.0392+0.0494i	0.0274-0.0230i	-0.0183+0.0215i	0.0165+0.0018i	5.7169+0.1462i	-5.7737-0.9676i	-2.9016+3.6427i	2.4267-2.1787i
57.2	-0.0454+0.0395i	0.0250-0.0278i	-0.0230+0.0135i	0.0121-0.0069i	5.8257+0.1438i	-5.8896-0.9702i	-3.0013+3.6226i	2.5320-2.2079i
57.3	-0.0662+0.0553i	0.0069-0.0203i	-0.0328+0.0274i	0.0003+0.0050i	5.8158+0.0498i	-5.8975-0.9923i	-3.1452+3.7691i	2.6153-2.2179i
57.4	-0.0378+0.0564i	0.0269-0.0209i	-0.0197+0.0245i	0.0162+0.0018i	5.8540-0.0009i	-5.9222-1.0094i	-3.0640+3.7682i	2.6721-2.1556i
57.5	-0.0453+0.0462i	0.0234-0.0265i	-0.0210+0.0192i	0.0133-0.0030i	5.8808-0.1040i	-5.9319-0.9340i	-3.0278+3.6803i	2.7455-2.0862i
57.6	-0.0553+0.0379i	0.0168-0.0300i	-0.0246+0.0165i	0.0055-0.0072i	5.8447-0.0419i	-6.0261-1.0360i	-3.1655+3.6503i	3.0000-2.1566i
57.7	-0.0591+0.0378i	0.0136-0.0301i	-0.0288+0.0165i	0.0068-0.0090i	5.9575-0.1759i	-6.1251-0.9945i	-3.3439+3.6198i	3.1877-2.0781i
57.8	-0.0610+0.0391i	0.0116-0.0287i	-0.0269+0.0184i	0.0024-0.0071i	5.8708-0.3102i	-6.1730-0.8890i	-3.3166+3.6832i	3.1770-2.1501i
57.9	-0.0700+0.0381i	0.0092-0.0280i	-0.0301+0.0196i	-0.0026-0.0076i	5.9695-0.3425i	-6.3349-0.8786i	-3.2707+3.7627i	3.2745-2.3343i
58.0	-0.0667+0.0472i	0.0115-0.0243i	-0.0250+0.0173i	0.0004-0.0067i	6.0135-0.4219i	-6.2888-0.7693i	-3.2889+3.7142i	3.2605-2.2654i
58.1	-0.0757+0.0399i	0.0049-0.0313i	-0.0312+0.0171i	-0.0059-0.0095i	5.9950-0.4283i	-6.3320-0.8431i	-3.4344+3.6553i	3.5209-2.2098i
58.2	-0.0757+0.0437i	0.0052-0.0279i	-0.0316+0.0186i	-0.0046-0.0078i	6.1810-0.5588i	-6.5971-0.8501i	-3.4071+3.8340i	3.6377-2.3172i
58.3	-0.0762+0.0410i	0.0027-0.0330i	-0.0300+0.0179i	-0.0054-0.0098i	6.0778-0.6772i	-6.6041-0.7231i	-3.3634+3.8346i	3.7192-2.3287i
58.4	-0.0762+0.0425i	0.0034-0.0296i	-0.0340+0.0164i	-0.0099-0.0079i	5.9887-0.4769i	-6.6191-0.7630i	-3.4817+3.7216i	3.8184-2.2920i
58.5	-0.0753+0.0504i	0.0064-0.0213i	-0.0310+0.0232i	-0.0081-0.0009i	5.9682-0.6519i	-6.6593-0.6472i	-3.4586+3.7600i	3.8001-2.3888i
58.6	-0.0787+0.0543i	0.0063-0.0233i	-0.0314+0.0247i	-0.0060-0.0050i	5.9834-0.6484i	-6.8104-0.5490i	-3.5646+3.8796i	3.9220-2.6119i
58.7	-0.0840+0.0561i	0.0044-0.0233i	-0.0355+0.0251i	-0.0125-0.0045i	6.1088-0.6548i	-6.9579-0.6657i	-3.6297+3.9525i	4.0209-2.6685i
58.8	-0.0910+0.0495i	-0.0015-0.0277i	-0.0373+0.0216i	-0.0179-0.0094i	6.2187-0.5527i	-7.0302-0.5986i	-3.6470+3.8037i	4.1618-2.6966i
58.9	-0.1022+0.0562i	-0.0081-0.0279i	-0.0455+0.0214i	-0.0216-0.0059i	6.1873-0.6043i	-7.1883-0.4400i	-3.6382+3.8724i	4.3110-2.9858i
59.0	-0.1058+0.0580i	-0.0106-0.0240i	-0.0430+0.0263i	-0.0297-0.0031i	6.1795-0.6663i	-7.2371-0.3634i	-3.6688+3.9628i	4.2600-3.0065i
59.1	-0.1034+0.0608i	-0.0038-0.0268i	-0.0441+0.0265i	-0.0210-0.0043i	6.4218-0.8132i	-7.3249-0.3505i	-3.7775+4.0436i	4.3258-3.0854i
59.2	-0.1073+0.0694i	-0.0101-0.0172i	-0.0442+0.0281i	-0.0274-0.0007i	6.4463-0.6280i	-7.4212-0.2386i	-3.7692+4.0893i	4.2464-3.2438i
59.3	-0.1116+0.0735i	-0.0098-0.0110i	-0.0486+0.0325i	-0.0297+0.0058i	6.4241-0.7283i	-7.5268-0.2149i	-3.7250+4.0156i	4.2300-3.1951i
59.4	-0.1136+0.0803i	-0.0106-0.0088i	-0.0449+0.0400i	-0.0300+0.0110i	6.5544-0.8058i	-7.5671-0.0595i	-3.6720+4.1298i	4.1032-3.3224i
59.5	-0.1145+0.0903i	-0.0062+0.0005i	-0.0458+0.0429i	-0.0296+0.0144i	6.6744-0.6960i	-7.7549-0.1849i	-3.8651+4.1729i	4.2876-3.2104i
59.6	-0.1089+0.0999i	0.0036+0.0032i	-0.0419+0.0471i	-0.0241+0.0173i	6.7041-0.8794i	-7.6460-0.1257i	-3.8263+4.2850i	4.1414-3.2935i
59.7	-0.1100+0.1022i	0.0075+0.0055i	-0.0390+0.0496i	-0.0212+0.0223i	6.7715-0.8760i	-7.7290+0.1739i	-3.7557+4.3153i	4.1326-3.4311i
59.8	-0.1142+0.1078i	0.0067+0.0081i	-0.0446+0.0522i	-0.0224+0.0237i	7.0385-0.9476i	-7.8519+0.1002i	-3.7998+4.2797i	4.1570-3.2942i
59.9	-0.1146+0.1159i	0.0124+0.0067i	-0.0421+0.0550i	-0.0245+0.0257i	6.9803-0.7197i	-8.0261+0.3604i	-3.6831+4.2675i	4.2549-3.4017i
60.0	-0.1591+0.1654i	-0.0518+0.0459i	-0.0948+0.0977i	-0.0900+0.0642i	2.2566+1.1496i	-13.5144-0.0542i	-3.3493+4.0455i	7.9700-2.7298i
60.1	-0.1171+0.1347i	0.0100+0.0011i	-0.0421+0.0569i	-0.0251+0.0257i	6.9162-1.3472i	-8.4452+0.1218i	-3.6720+4.4470i	4.4424-3.2867i
60.2	-0.1046+0.1320i	0.0245-0.0037i	-0.0327+0.0581i	-0.0132+0.0260i	7.2702-1.2170i	-8.1757+0.3245i	-3.7716+4.3661i	4.3063-3.2908i
60.3	-0.1099+0.1474i	0.0238-0.0039i	-0.0368+0.0625i	-0.0144+0.0308i	7.4144-1.3077i	-8.3592+0.4676i	-3.7370+4.3675i	4.3214-3.3930i
60.4	-0.1052+0.1613i	0.0243-0.0045i	-0.0335+0.0681i	-0.0147+0.0359i	7.6700-1.4390i	-8.4154+0.6328i	-3.7698+4.3768i	4.3285-3.6970i
60.5	-0.0941+0.1689i	0.0214-0.0054i	-0.0320+0.0708i	-0.0118+0.0384i	7.6320-1.5427i	-8.4851+0.7541i	-3.8182+4.4639i	4.3803-3.6574i
60.6	-0.0905+0.1740i	0.0181-0.0053i	-0.0309+0.0708i	-0.0116+0.0416i	7.6218-1.5140i	-8.3860+0.8241i	-3.7917+4.5391i	4.4397-3.5814i
60.7	-0.0862+0.1824i	0.0140-0.0018i	-0.0302+0.0760i	-0.0114+0.0459i	7.7131-1.5490i	-8.6261+0.7893i	-3.7468+4.5935i	4.5527-3.6401i
60.8	-0.0768+0.1925i	0.0133+0.0094i	-0.0281+0.0838i	-0.0065+0.0479i	7.9141-1.7106i	-8.7711+0.8725i	-3.6571+4.5431i	4.5209-3.8492i
60.9	-0.0569+0.1988i	0.0280+0.0153i	-0.0172+0.0861i	0.0046+0.0526i	7.8692-1.8699i	-8.8440+1.1882i	-3.5941+4.6783i	4.4474-3.9207i
61.0	-0.0504+0.1947i	0.0370+0.0134i	-0.0086+0.0849i	0.0100+0.0513i	7.9811-1.7916i	-8.9313+1.1307i	-3.5481+4.5900i	4.5793-3.8869i
61.1	-0.0477+0.1990i	0.0445+0.0158i	-0.0034+0.0884i	0.0096+0.0493i	8.2188-1.9870i	-9.0288+1.3124i	-3.6266+4.5158i	4.6581-4.0876i
61.2	-0.0438+0.2037i	0.0529+0.0072i	0.0001+0.0880i	0.0146+0.0475i	8.3500-2.1030i	-9.2208+1.4417i	-3.7184+4.4955i	4.7291-4.0789i
61.3	-0.0319+0.2065i	0.0561-0.0070i	0.0043+0.0829i	0.0206+0.0442i	8.3787-2.1899i	-9.2793+1.5620i	-3.6923+4.5388i	4.7743-4.1083i
61.4	-0.0247+0.2008i	0.0580-0.0112i	0.0086+0.0798i	0.0200+0.0389i	8.3593-2.2713i	-9.2890+1.6461i	-3.5920+4.5022i	4.7987-4.1618i
61.5	-0.0209+0.2055i	0.0610-0.0130i	0.0116+0.0840i	0.0234+0.0381i	8.6050-2.3559i	-9.4139+1.6701i	-3.7626+4.4322i	4.8353-4.2378i
61.6	-0.0046+0.2091i	0.0587-0.0190i	0.0158+0.0849i	0.0279+0.0359i	8.7650-2.6035i	-9.5011+1.8958i	-3.7818+4.6050i	4.8110-4.3785i
61.7	0.0018+0.2124i	0.0560-0.0275i	0.0181+0.0807i	0.0278+0.0328i	8.8951-2.7651i	-9.6322+2.0703i	-3.7465+4.6947i	4.9753-4.4269i
61.8	0.0098+0.2160i	0.0568-0.0273i	0.0212+0.0802i	0.0316+0.0376i	8.9719-2.9257i	-9.7185+2.1357i	-3.8205+4.5921i	4.8993-4.4623i
61.9	0.0179+0.2126i	0.0496-0.0305i	0.0235+0.0820i	0.0303+0.0329i	9.1015-3.0696i	-9.9097+2.2965i	-3.8705+4.6563i	4.9752-4.5978i
62.0	0.0243+0.2151i	0.0488-0.0295i	0.0261+0.0790i	0.0324+0.0353i	9.2563-3.1800i	-9.9450+2.4020i	-3.9571+4.6484i	5.0694-4.7383i
62.1	0.0432+0.2155i	0.0479-0.0295i	0.0333+0.0840i	0.0362+0.0337i	9.5377-3.5796i	-10.1069+2.6608i	-4.0323+4.7610i	5.0170-4.9965i
62.2	0.0506+0.2146i	0.0464-0.0347i	0.0344+0.0804i	0.0345+0.0331i	9.6842-3.8574i	-10.2135+2.8758i	-3.9830+4.8706i	5.0270-5.1577i
62.3	0.0658+0.2133i	0.0464-0.0268i	0.0371+0.0810i	0.0413+0.0324i	9.6484-4.0404i	-10.1936+3.0329i	-4.0730+4.9035i	4.9748-5.1629i

62.4	0.0738+0.2062i	0.0506-0.0303i	0.0430+0.0811i	0.0384+0.0307i	9.6385-4.1878i	-10.3525+3.1369i	-4.0578+4.9352i	4.9981-5.1918i
62.5	0.0784+0.2056i	0.0457-0.0282i	0.0448+0.0785i	0.0411+0.0321i	9.8524-4.4384i	-10.5205+3.4743i	-4.0273+4.9299i	5.1403-5.4236i
62.6	0.0920+0.2030i	0.0472-0.0243i	0.0494+0.0798i	0.0430+0.0317i	10.2099-4.9815i	-10.7313+3.7825i	-3.9842+5.0491i	5.0962-5.7894i
62.7	0.0978+0.1986i	0.0546-0.0221i	0.0556+0.0813i	0.0474+0.0273i	10.2192-5.1383i	-10.6918+3.8909i	-4.0135+5.0879i	4.9303-5.8855i
62.8	0.1049+0.1915i	0.0612-0.0201i	0.0615+0.0774i	0.0541+0.0274i	10.2743-5.1823i	-10.6032+3.9445i	-4.0631+5.1216i	4.9170-5.8813i
62.9	0.1123+0.1860i	0.0600-0.0234i	0.0627+0.0761i	0.0549+0.0255i	10.4246-5.4372i	-10.8531+4.0729i	-4.0433+5.1218i	5.0432-5.9976i
63.0	0.1168+0.1779i	0.0632-0.0272i	0.0677+0.0754i	0.0544+0.0195i	10.5516-5.9880i	-11.0232+4.4188i	-4.1172+5.1073i	5.0919-6.2634i
63.1	0.1233+0.1697i	0.0714-0.0345i	0.0786+0.0645i	0.0603+0.0131i	10.7214-6.2284i	-11.0660+4.4732i	-4.0939+5.2878i	5.1585-6.2819i
63.2	0.1281+0.1560i	0.0746-0.0423i	0.0751+0.0608i	0.0644+0.0117i	10.5085-6.3107i	-11.0774+4.5828i	-4.0747+5.3098i	5.0887-6.1804i
63.3	0.1364+0.1572i	0.0782-0.0393i	0.0818+0.0577i	0.0638+0.0072i	10.6680-6.9634i	-11.1167+5.2007i	-4.2514+5.5008i	4.9464-6.5410i
63.4	0.1402+0.1522i	0.0842-0.0440i	0.0834+0.0589i	0.0643+0.0072i	10.9261-7.4377i	-11.2389+5.4480i	-4.2376+5.5153i	4.9865-6.8123i
63.5	0.1497+0.1445i	0.0860-0.0494i	0.0867+0.0556i	0.0669+0.0023i	11.1013-8.0579i	-11.3450+5.8149i	-4.1705+5.6645i	4.9799-7.1070i
63.6	0.1528+0.1349i	0.0880-0.0599i	0.0962+0.0489i	0.0688-0.0046i	11.1253-8.4581i	-11.3543+6.0761i	-4.0445+5.8339i	4.8260-7.3255i
63.7	0.1470+0.1254i	0.0869-0.0635i	0.0928+0.0424i	0.0693-0.0065i	11.1420-8.4146i	-11.5101+6.0346i	-4.0856+5.7970i	4.9211-7.2431i
63.8	0.1560+0.1094i	0.0886-0.0695i	0.0992+0.0311i	0.0694-0.0178i	10.5699-9.1247i	-11.1432+6.3232i	-3.9014+5.8196i	4.6655-7.3598i
63.9	0.1581+0.1006i	0.0900-0.0876i	0.0961+0.0210i	0.0696-0.0222i	10.4105-9.4934i	-11.2466+6.4421i	-3.9239+5.8968i	4.5412-7.3512i
64.0	0.1573+0.0952i	0.0913-0.0933i	0.1013+0.0171i	0.0671-0.0254i	10.7584-10.1140i	-11.5508+7.0458i	-3.9820+6.0892i	4.6221-7.7632i
64.1	0.1623+0.0824i	0.0924-0.1062i	0.1018+0.0144i	0.0695-0.0342i	10.7995-10.5565i	-11.7997+7.2534i	-3.9232+6.2763i	4.7311-7.8240i
64.2	0.1603+0.0696i	0.0910-0.1143i	0.1001+0.0021i	0.0673-0.0401i	10.3333-10.9553i	-11.5185+7.3422i	-3.7833+6.1700i	4.5039-7.7712i
64.3	0.1589+0.0526i	0.0910-0.1270i	0.1019-0.0077i	0.0664-0.0455i	10.3763-11.3571i	-11.6636+7.4982i	-3.8193+6.2969i	4.5821-7.9742i
64.4	0.1527+0.0393i	0.0799-0.1352i	0.0996-0.0143i	0.0552-0.0565i	9.8336-12.1620i	-11.5122+7.9144i	-3.7371+6.5049i	4.3713-8.2514i
64.5	0.1580+0.0299i	0.0741-0.1532i	0.0976-0.0262i	0.0549-0.0610i	9.5652-12.9698i	-11.6680+8.4451i	-3.5595+6.6000i	4.2999-8.5443i
64.6	0.1485+0.0176i	0.0690-0.1699i	0.0965-0.0338i	0.0496-0.0724i	9.5703-13.1755i	-11.9809+8.4505i	-3.5865+6.5515i	4.5230-8.6117i
64.7	0.1315+0.0105i	0.0592-0.1804i	0.0914-0.0434i	0.0444-0.0758i	9.0039-14.0664i	-11.6616+9.1730i	-3.4001+6.6282i	4.1801-8.9802i
64.8	0.1243+0.0041i	0.0480-0.1943i	0.0872-0.0501i	0.0383-0.0826i	8.5166-14.7335i	-11.7312+9.6421i	-3.1722+6.7561i	4.1652-9.1841i
64.9	0.1145-0.0035i	0.0344-0.2022i	0.0762-0.0579i	0.0289-0.0853i	7.7657-15.0979i	-11.5332+10.0109i	-3.1805+6.7803i	3.8503-9.4767i
65.0	0.1027-0.0100i	0.0140-0.2102i	0.0644-0.0650i	0.0184-0.0933i	6.9861-15.4613i	-11.4359+10.3144i	-2.9264+6.7210i	3.6532-9.7161i
65.1	0.0883-0.0093i	-0.0029-0.2209i	0.0562-0.0682i	0.0065-0.0912i	6.7475-15.9039i	-11.6669+10.8305i	-2.8772+6.8238i	3.6375-10.0527i
65.2	0.0869-0.0072i	-0.0196-0.2270i	0.0519-0.0743i	0.0008-0.0924i	6.3794-16.4652i	-11.5585+11.3544i	-2.7404+6.9477i	3.5269-10.4116i
65.3	0.0713-0.0091i	-0.0394-0.2263i	0.0383-0.0782i	-0.0100-0.0914i	4.9813-16.5135i	-10.9600+11.7127i	-2.5456+6.9565i	3.0309-10.5228i
65.4	0.0614-0.0116i	-0.0613-0.2259i	0.0296-0.0760i	-0.0224-0.0916i	4.1450-16.2613i	-10.8883+11.8423i	-2.3165+6.6532i	2.7622-10.4501i
65.5	0.0510-0.0053i	-0.0837-0.2196i	0.0159-0.0800i	-0.0298-0.0900i	3.2871-16.3846i	-10.7374+12.2718i	-2.2984+6.3847i	2.4894-10.6846i
65.6	0.0398+0.0006i	-0.1078-0.2122i	0.0066-0.0741i	-0.0398-0.0828i	2.2071-16.2518i	-10.1744+12.5651i	-2.2625+6.1592i	1.9005-10.8824i
65.7	0.0375+0.0056i	-0.1336-0.2132i	-0.0051-0.0742i	-0.0512-0.0824i	1.8000-16.5586i	-10.1713+13.1292i	-2.0079+6.1518i	1.8466-11.3037i
65.8	0.0337+0.0125i	-0.1527-0.2025i	-0.0154-0.0687i	-0.0585-0.0800i	1.4885-16.3906i	-10.3124+13.5960i	-1.9771+6.3840i	1.7189-11.3646i
65.9	0.0271+0.0237i	-0.1663-0.1899i	-0.0210-0.0628i	-0.0640-0.0715i	0.8848-15.7977i	-10.1501+13.6307i	-2.2027+6.1710i	1.2845-11.2664i
66.0	0.0223+0.0259i	-0.1969-0.1714i	-0.0334-0.0560i	-0.0799-0.0625i	0.0396-16.0324i	-9.5571+14.3430i	-2.0284+5.9597i	0.8602-11.8714i
66.1	0.0292+0.0339i	-0.2019-0.1513i	-0.0325-0.0483i	-0.0801-0.0551i	-0.2713-15.5032i	-9.3465+14.5215i	-2.1549+5.9635i	0.5223-11.6973i
66.2	0.0339+0.0349i	-0.2157-0.1291i	-0.0381-0.0410i	-0.0843-0.0458i	-1.0137-15.4410i	-9.0420+14.9485i	-2.1420+5.8255i	0.0926-11.8274i
66.3	0.0387+0.0333i	-0.2272-0.1140i	-0.0400-0.0355i	-0.0851-0.0418i	-1.2367-15.5814i	-8.8151+15.6568i	-2.1017+5.8621i	-0.1979-12.0734i
66.4	0.0381+0.0413i	-0.2348-0.0802i	-0.0445-0.0260i	-0.0896-0.0308i	-1.7432-15.1408i	-8.4465+16.0028i	-2.2332+5.5917i	-0.6741-12.2012i
66.5	0.0411+0.0339i	-0.2417-0.0601i	-0.0462-0.0210i	-0.0930-0.0257i	-2.2465-15.0828i	-7.8141+16.5680i	-2.0736+5.4614i	-1.1745-12.3734i
66.6	0.0424+0.0320i	-0.2278-0.0414i	-0.0413-0.0186i	-0.0913-0.0168i	-2.5213-14.3447i	-7.2551+16.5584i	-2.2129+5.4196i	-1.7293-11.9116i
66.7	0.0386+0.0273i	-0.2175-0.0231i	-0.0436-0.0152i	-0.0927-0.0138i	-2.6721-13.5600i	-7.0107+16.4039i	-2.4375+5.3954i	-1.9675-11.5252i
66.8	0.0318+0.0251i	-0.2167-0.0042i	-0.0475-0.0102i	-0.0924-0.0041i	-3.0755-13.5213i	-6.4997+16.9789i	-2.7355+5.3181i	-2.5742-11.5664i
66.9	0.0241+0.0193i	-0.2155+0.0140i	-0.0469-0.0067i	-0.0949+0.0001i	-3.5553-13.3533i	-5.7958+17.2916i	-2.8059+5.2188i	-3.1725-11.5214i
67.0	0.0240+0.0223i	-0.2149+0.0252i	-0.0496-0.0009i	-0.0957+0.0043i	-3.5812-13.2073i	-5.4883+17.7039i	-2.8262+5.4234i	-3.3513-11.4450i
67.1	0.0147+0.0233i	-0.2048+0.0462i	-0.0522+0.0063i	-0.0962+0.0148i	-4.0847-12.8720i	-4.8932+17.9602i	-3.1982+5.3993i	-3.8934-11.2371i
67.2	-0.0010+0.0277i	-0.1869+0.0657i	-0.0526+0.0086i	-0.0924+0.0212i	-4.3698-12.4589i	-4.1713+17.9008i	-3.3863+5.4071i	-4.4896-10.9066i
67.3	-0.0131+0.0306i	-0.1762+0.0843i	-0.0554+0.0167i	-0.0995+0.0344i	-4.6758-12.0671i	-3.3618+17.8888i	-3.2848+5.2365i	-5.0242-10.6599i
67.4	-0.0266+0.0336i	-0.1760+0.1021i	-0.0572+0.0224i	-0.1010+0.0402i	-5.0868-11.8736i	-2.7718+18.0726i	-3.4566+5.2267i	-5.5408-10.6121i
67.5	-0.0291+0.0439i	-0.1604+0.1008i	-0.0582+0.0302i	-0.1014+0.0435i	-5.1480-11.6212i	-2.3993+18.1267i	-3.5925+5.4938i	-5.8386-10.1183i
67.6	-0.0360+0.0533i	-0.1540+0.1031i	-0.0586+0.0304i	-0.0975+0.0486i	-5.2038-11.2997i	-2.2784+18.0845i	-3.6112+5.6050i	-5.7696-9.8102i
67.7	-0.0426+0.0676i	-0.1396+0.1142i	-0.0533+0.0389i	-0.0966+0.0575i	-5.4316-10.8286i	-1.5988+18.0489i	-3.7344+5.6889i	-6.1387-9.4687i
67.8	-0.0500+0.0806i	-0.1300+0.1263i	-0.0566+0.0482i	-0.0969+0.0688i	-5.7751-10.7709i	-0.7747+18.2418i	-3.8029+5.8860i	-6.6231-9.1744i
67.9	-0.0527+0.0934i	-0.1129+0.1363i	-0.0530+0.0532i	-0.0926+0.0787i	-5.9162-10.2214i	-0.3795+17.9361i	-3.9641+5.7974i	-6.7358-8.6424i
68.0	-0.0425+0.1037i	-0.1015+0.1331i	-0.0471+0.0596i	-0.0830+0.0852i	-5.7903-9.9486i	-0.1664+17.8104i	-3.9729+6.1069i	-6.5617-8.1345i
68.1	-0.0423+0.1187i	-0.0897+0.1466i	-0.0452+0.0689i	-0.0785+0.0948i	-6.1300-9.5942i	0.8154+17.7544i	-3.9502+6.2312i	-7.1872-7.8540i
68.2	-0.0353+0.1311i	-0.0709+0.1494i	-0.0387+0.0742i	-0.0698+0.1022i	-6.4025-8.9139i	1.5573+17.1623i	-3.8369+6.1622i	-7.5185-7.1375i
68.3	-0.0349+0.1438i	-0.0581+0.1456i	-0.0372+0.0787i	-0.0719+0.1074i	-6.7555-8.7224i	1.9535+17.1801i	-4.0198+6.3878i	-7.6307-6.8592i
68.4	-0.0325+0.1540i	-0.0517+0.1464i	-0.0332+0.0822i	-0.0654+0.1127i	-6.5759-8.4908i	2.0712+17.2776i	-4.1787+6.6906i	-7.6630-6.5891i
68.5	-0.0307+0.1752i	-0.0388+0.1467i	-0.0324+0.0898i	-0.0573+0.1208i	-6.7328-7.8617i	2.8302+16.6521i	-4.0986+6.5514i	-7.9422-6.0139i
68.6	-0.0180+0.1948i	-0.0221+0.1518i	-0.0209+0.1007i	-0.0486+0.1293i	-6.7210-7.2533i	3.2228+16.1423i	-4.3281+6.7074i	-8.0057-5.5521i

68.7	-0.0009+0.1931i	-0.0162+0.1380i	-0.0166+0.0941i	-0.0381+0.1257i	-6.5349-7.1604i	3.4403+16.2650i	-4.0428+7.1997i	-7.6581-5.0571i
68.8	-0.0024+0.1985i	-0.0119+0.1353i	-0.0126+0.0981i	-0.0351+0.1288i	-6.5376-6.9489i	3.7223+15.9416i	-3.9480+6.9952i	-7.6603-4.7610i
68.9	0.0122+0.2126i	-0.0010+0.1382i	-0.0053+0.1049i	-0.0253+0.1321i	-6.4516-6.5143i	3.8809+15.7066i	-4.2168+7.0878i	-7.6443-4.3177i
69.0	0.0360+0.2149i	0.0103+0.1314i	0.0038+0.1069i	-0.0149+0.1358i	-6.1480-6.2399i	4.1077+15.5099i	-4.0837+7.4246i	-7.4235-3.8757i
69.1	0.0486+0.2207i	0.0188+0.1317i	0.0141+0.1076i	-0.0036+0.1425i	-5.9309-6.0644i	4.6198+15.3065i	-3.8577+7.7237i	-7.4573-3.5243i
69.2	0.0698+0.2285i	0.0281+0.1281i	0.0234+0.1089i	0.0010+0.1398i	-5.8951-6.0121i	4.7744+15.3453i	-3.9916+7.9237i	-7.3555-3.1720i
69.3	0.0712+0.2263i	0.0253+0.1279i	0.0223+0.1092i	0.0030+0.1406i	-5.9409-5.7054i	4.9740+14.9021i	-3.9316+7.6451i	-7.1646-2.9090i
69.4	0.0831+0.2341i	0.0397+0.1288i	0.0319+0.1127i	0.0162+0.1417i	-5.9036-5.2516i	5.4963+14.6112i	-3.8261+7.9203i	-7.2031-2.5776i
69.5	0.1038+0.2307i	0.0450+0.1294i	0.0398+0.1137i	0.0267+0.1454i	-5.6882-5.2787i	5.9960+14.3753i	-3.4765+8.1555i	-6.9350-2.2691i
69.6	0.1228+0.2332i	0.0632+0.1312i	0.0512+0.1143i	0.0416+0.1471i	-5.5802-4.8953i	6.2666+13.9551i	-3.5215+8.1230i	-6.7165-1.8106i
69.7	0.1351+0.2324i	0.0845+0.1284i	0.0625+0.1187i	0.0531+0.1482i	-5.4327-4.4690i	6.3887+13.3097i	-3.6694+8.0891i	-6.7235-1.4036i
69.8	0.1485+0.2290i	0.0952+0.1230i	0.0711+0.1152i	0.0627+0.1446i	-5.5309-4.3188i	6.6464+13.0673i	-3.5965+7.9878i	-6.6283-1.3151i
69.9	0.1594+0.2246i	0.1037+0.1108i	0.0767+0.1088i	0.0695+0.1377i	-5.3172-4.3327i	6.8165+13.1092i	-3.4289+8.1367i	-6.3844-1.1911i
70.0	0.1773+0.2119i	0.1143+0.0953i	0.0879+0.0959i	0.0812+0.1284i	-5.0391-3.9871i	7.0706+12.4014i	-3.2987+8.2794i	-5.9916-0.7104i
70.1	0.1896+0.2046i	0.1269+0.0843i	0.0964+0.0941i	0.0896+0.1248i	-5.0173-3.9475i	7.3952+12.2776i	-3.3844+8.5112i	-5.8252-0.5242i
70.2	0.1943+0.1953i	0.1256+0.0833i	0.0963+0.0918i	0.0932+0.1179i	-5.1781-3.9437i	7.9229+12.0182i	-2.9392+8.3581i	-5.7122-0.5720i
70.3	0.2086+0.1822i	0.1360+0.0652i	0.1062+0.0803i	0.1003+0.1105i	-4.8491-3.7765i	7.7829+11.5603i	-2.9905+8.5398i	-5.5155-0.2360i
70.4	0.2193+0.1806i	0.1476+0.0568i	0.1122+0.0745i	0.1110+0.1058i	-4.6371-3.7187i	7.7737+11.2841i	-3.1311+8.6862i	-5.3536+0.0047i
70.5	0.2282+0.1652i	0.1452+0.0388i	0.1155+0.0698i	0.1155+0.0944i	-4.5453-3.5716i	7.9652+10.7954i	-3.0237+8.6249i	-5.1153+0.2005i
70.6	0.2278+0.1556i	0.1432+0.0305i	0.1160+0.0615i	0.1123+0.0874i	-4.3233-3.7274i	7.8300+10.5649i	-2.9766+8.5817i	-4.9265+0.1555i
70.7	0.2398+0.1492i	0.1597+0.0177i	0.1279+0.0570i	0.1258+0.0824i	-4.3487-3.5390i	8.1352+10.3214i	-3.1617+8.8190i	-4.9064+0.5054i
70.8	0.2463+0.1344i	0.1602-0.0040i	0.1268+0.0442i	0.1276+0.0686i	-4.2324-3.2885i	8.1791+9.7786i	-3.0117+9.0031i	-4.6001+0.7166i
70.9	0.2430+0.1250i	0.1598-0.0181i	0.1258+0.0351i	0.1276+0.0571i	-4.0935-3.3916i	8.1290+9.4878i	-3.0013+8.8988i	-4.3335+0.6741i
71.0	0.2359+0.1110i	0.1462-0.0250i	0.1221+0.0298i	0.1200+0.0525i	-4.1410-3.4287i	8.0944+9.2266i	-2.8580+8.6645i	-4.0858+0.6860i
71.1	0.2409+0.1057i	0.1500-0.0340i	0.1246+0.0258i	0.1257+0.0503i	-4.1765-3.1561i	8.0628+8.8005i	-3.1710+8.6724i	-4.1545+0.8008i
71.2	0.2498+0.1015i	0.1494-0.0612i	0.1256+0.0130i	0.1272+0.0384i	-3.7786-3.2218i	7.9032+8.7502i	-3.1307+9.0956i	-3.9066+1.0823i
71.3	0.2449+0.0866i	0.1330-0.0751i	0.1172+0.0057i	0.1188+0.0294i	-3.8525-3.2936i	8.0290+8.5088i	-2.7773+9.0870i	-3.4719+1.0180i
71.4	0.2438+0.0890i	0.1328-0.0801i	0.1169+0.0058i	0.1189+0.0246i	-3.6880-3.1411i	7.9229+8.1445i	-3.0449+9.0776i	-3.5305+1.1378i
71.5	0.2520+0.0912i	0.1364-0.0925i	0.1251-0.0008i	0.1234+0.0232i	-3.5273-2.9427i	7.8604+7.8877i	-3.5087+9.3029i	-3.5497+1.3566i
71.6	0.2529+0.0769i	0.1255-0.1045i	0.1173-0.0073i	0.1186+0.0139i	-3.5523-2.9109i	8.0179+7.6312i	-3.4765+9.5392i	-3.2577+1.5021i
71.7	0.2488+0.0710i	0.1081-0.1131i	0.1166-0.0128i	0.1159+0.0079i	-3.5355-2.8543i	7.9697+7.3488i	-3.2071+9.5070i	-3.0157+1.4534i
71.8	0.2476+0.0587i	0.0934-0.1211i	0.1074-0.0176i	0.1094+0.0016i	-3.4683-2.9348i	7.8784+7.2351i	-2.9075+9.6945i	-2.7406+1.5964i
71.9	0.2510+0.0606i	0.0874-0.1289i	0.1062-0.0216i	0.1069-0.0018i	-3.3846-2.7405i	7.7446+6.8578i	-3.1741+9.7986i	-2.6976+1.7751i
72.0	0.2528+0.0661i	0.0911-0.1326i	0.1120-0.0211i	0.1119+0.0010i	-3.3584-2.4046i	7.7103+6.5228i	-3.6962+10.0427i	-2.8804+1.7977i
72.1	0.2585+0.0556i	0.0737-0.1499i	0.1081-0.0290i	0.1062-0.0055i	-3.2110-2.4167i	7.8018+6.3604i	-3.4371+10.7456i	-2.5467+2.1275i
72.2	0.2537+0.0485i	0.0550-0.1542i	0.1010-0.0320i	0.0966-0.0097i	-3.1441-2.4943i	7.7226+6.1585i	-3.1096+10.8767i	-2.2860+1.9342i
72.3	0.2569+0.0393i	0.0340-0.1500i	0.0911-0.0333i	0.0931-0.0110i	-3.1050-2.5948i	7.7344+6.1011i	-2.7767+11.0452i	-1.9911+2.0461i
72.4	0.2542+0.0368i	0.0236-0.1480i	0.0870-0.0324i	0.0908-0.0107i	-3.0053-2.4498i	7.7105+5.9245i	-2.7996+11.1635i	-1.8202+2.1117i
72.5	0.2569+0.0325i	0.0065-0.1539i	0.0820-0.0353i	0.0873-0.0168i	-2.8832-2.5664i	7.6381+5.9979i	-2.5806+11.4680i	-1.3712+2.2622i
72.6	0.2583+0.0273i	-0.0024-0.1522i	0.0792-0.0374i	0.0865-0.0152i	-2.8639-2.5910i	7.5676+5.9841i	-2.5726+11.4824i	-1.2186+2.3935i
72.7	0.2571+0.0310i	-0.0120-0.1370i	0.0753-0.0324i	0.0788-0.0101i	-2.9627-2.5076i	7.5686+5.5838i	-2.4484+11.2590i	-1.2717+2.2050i
72.8	0.2628+0.0266i	-0.0180-0.1359i	0.0762-0.0339i	0.0790-0.0103i	-2.7883-2.4956i	7.4249+5.4196i	-2.3325+11.6746i	-1.2162+2.3264i
72.9	0.2619+0.0155i	-0.0344-0.1316i	0.0717-0.0356i	0.0767-0.0099i	-2.7680-2.4054i	7.3676+5.2042i	-1.9452+11.9065i	-0.8659+2.4553i
73.0	0.2574+0.0101i	-0.0437-0.1177i	0.0672-0.0311i	0.0731-0.0089i	-2.6218-2.4493i	7.3529+5.0767i	-1.7475+11.8052i	-0.6393+2.3224i
73.1	0.2722+0.0060i	-0.0553-0.1158i	0.0665-0.0309i	0.0747-0.0064i	-2.6161-2.4722i	7.4187+5.0494i	-1.6331+12.4592i	-0.4369+2.5451i
73.2	0.2711-0.0034i	-0.0657-0.1097i	0.0632-0.0333i	0.0696-0.0096i	-2.5815-2.5194i	7.3375+4.7812i	-1.0384+12.5883i	-0.1427+2.5004i
73.3	0.2732-0.0018i	-0.0628-0.1046i	0.0662-0.0301i	0.0730-0.0099i	-2.5108-2.4985i	7.3273+4.6399i	-1.0824+12.6738i	-0.0080+2.4700i
73.4	0.2719-0.0111i	-0.0710-0.0995i	0.0643-0.0293i	0.0730-0.0068i	-2.4538-2.5159i	7.1377+4.6260i	-0.7782+12.5503i	0.1472+2.5496i
73.5	0.2759-0.0232i	-0.0795-0.0940i	0.0618-0.0338i	0.0731-0.0110i	-2.1700-2.5420i	6.9398+4.4881i	-0.0762+12.8856i	0.4298+2.7066i
73.6	0.2768-0.0289i	-0.0829-0.0796i	0.0601-0.0318i	0.0731-0.0070i	-2.1916-2.4986i	6.9843+4.1802i	0.2516+12.7771i	0.6886+2.5784i
73.7	0.2733-0.0421i	-0.0922-0.0665i	0.0595-0.0301i	0.0669-0.0103i	-2.4051-2.6937i	6.9951+4.1704i	0.4392+12.4464i	1.1476+2.3910i
73.8	0.2851-0.0429i	-0.0902-0.0645i	0.0591-0.0288i	0.0730-0.0090i	-2.2397-2.4907i	6.9267+4.0140i	0.2121+12.8530i	1.1040+2.5257i
73.9	0.2751-0.0436i	-0.0825-0.0484i	0.0592-0.0260i	0.0714-0.0071i	-2.3368-2.4120i	6.9603+3.7831i	0.2212+12.5590i	1.1478+2.2979i
74.0	0.2733-0.0623i	-0.0865-0.0379i	0.0566-0.0277i	0.0719-0.0086i	-2.2595-2.4435i	6.8908+3.6640i	0.8869+12.6060i	1.5108+2.1717i
74.1	0.2814-0.0662i	-0.0866-0.0317i	0.0610-0.0266i	0.0769-0.0055i	-2.1257-2.3475i	6.8711+3.4796i	0.9055+13.0804i	1.5150+2.3182i
74.2	0.2677-0.0790i	-0.0814-0.0237i	0.0615-0.0309i	0.0734-0.0080i	-2.1107-2.3234i	6.6832+3.3188i	1.4017+12.9052i	1.8856+2.2315i
74.3	0.2707-0.0999i	-0.0829-0.0159i	0.0593-0.0331i	0.0736-0.0128i	-1.9700-2.5707i	6.4679+3.3524i	2.1789+12.9587i	2.2538+2.4958i
74.4	0.2623-0.1009i	-0.0754-0.0052i	0.0592-0.0277i	0.0749-0.0098i	-2.0218-2.5271i	6.5957+3.2640i	2.0810+12.7434i	2.4278+2.2595i
74.5	0.2567-0.0996i	-0.0694-0.0010i	0.0608-0.0263i	0.0775-0.0089i	-2.0016-2.3439i	6.5962+2.9957i	2.1418+12.7262i	2.5261+1.9389i
74.6	0.2617-0.1141i	-0.0654+0.0025i	0.0626-0.0295i	0.0828-0.0149i	-1.9062-2.5416i	6.4329+3.0673i	2.7681+13.1215i	2.9060+2.3411i
74.7	0.2547-0.1094i	-0.0551+0.0078i	0.0657-0.0299i	0.0819-0.0086i	-1.9994-2.3752i	6.6292+2.9870i	2.4473+12.9667i	3.0381+2.0364i
74.8	0.2508-0.1059i	-0.0468+0.0037i	0.0642-0.0251i	0.0845-0.0082i	-2.0152-2.4979i	6.5006+2.7325i	2.4546+12.8392i	3.0951+1.8380i
74.9	0.2492-0.1167i	-0.0475+0.0073i	0.0697-0.0306i	0.0856-0.0113i	-1.9675-2.5597i	6.3003+2.7145i	3.1706+12.7006i	3.4449+1.8498i

75.0	0.2480−0.1115i	−0.0411+0.0050i	0.0685−0.0312i	0.0858−0.0132i	−1.9487−2.4725i	6.2515+2.6491i	3.1077+12.6920i	3.3762+1.8254i
75.1	0.2366−0.1217i	−0.0310+0.0016i	0.0676−0.0319i	0.0860−0.0177i	−1.9355−2.5627i	6.2616+2.4831i	3.5596+12.2115i	3.8647+1.6679i
75.2	0.2324−0.1326i	−0.0298+0.0077i	0.0668−0.0346i	0.0849−0.0229i	−1.9632−2.5734i	6.1884+2.4187i	4.1611+12.2547i	4.2367+1.5662i
75.3	0.2342−0.1300i	−0.0259+0.0046i	0.0687−0.0368i	0.0916−0.0231i	−1.9493−2.4714i	6.1843+2.2458i	4.2399+12.3023i	4.1485+1.3480i
75.4	0.2286−0.1290i	−0.0238+0.0027i	0.0682−0.0395i	0.0874−0.0226i	−2.0455−2.5686i	6.0957+2.3047i	4.2483+11.7449i	4.4841+1.2106i
75.5	0.2343−0.1326i	−0.0179−0.0047i	0.0719−0.0419i	0.0940−0.0273i	−1.9731−2.4340i	6.1112+2.0926i	4.5314+11.8908i	4.6823+1.2272i
75.6	0.2358−0.1332i	−0.0150−0.0069i	0.0750−0.0428i	0.0937−0.0297i	−1.9262−2.4577i	6.1228+1.8917i	4.6933+11.7859i	4.8833+0.9560i
75.7	0.2366−0.1416i	−0.0171−0.0094i	0.0735−0.0443i	0.0974−0.0320i	−1.9089−2.5077i	5.8974+1.9760i	4.9695+11.5863i	4.9516+1.0197i
75.8	0.2391−0.1524i	−0.0170−0.0150i	0.0732−0.0521i	0.0970−0.0398i	−1.9309−2.5953i	5.8645+1.8342i	5.3195+11.4135i	5.1999+0.9290i
75.9	0.2269−0.1629i	−0.0186−0.0146i	0.0699−0.0550i	0.0942−0.0431i	−1.9472−2.5448i	5.7385+1.7784i	5.4177+10.9578i	5.4144+0.5985i
76.0	0.2338−0.1650i	−0.0177−0.0175i	0.0704−0.0588i	0.0937−0.0464i	−1.8697−2.4345i	5.6476+1.6784i	5.4505+11.1337i	5.5697+0.5594i
76.1	0.2413−0.1729i	−0.0185−0.0233i	0.0750−0.0639i	0.0987−0.0524i	−1.8476−2.4518i	5.7694+1.5425i	5.7019+11.3463i	5.7484+0.3593i
76.2	0.2356−0.1735i	−0.0169−0.0223i	0.0729−0.0626i	0.0972−0.0527i	−1.8385−2.4702i	5.6911+1.4796i	5.6666+11.0483i	5.7886+0.1138i
76.3	0.2325−0.1788i	−0.0186−0.0262i	0.0726−0.0649i	0.0961−0.0567i	−1.7726−2.3577i	5.5093+1.3195i	5.8518+10.8698i	5.8250+0.0492i
76.4	0.2271−0.1958i	−0.0223−0.0217i	0.0648−0.0680i	0.0922−0.0621i	−1.8596−2.4611i	5.5130+1.2129i	6.0856+10.2756i	6.1012−0.2869i
76.5	0.2302−0.1872i	−0.0192−0.0229i	0.0670−0.0692i	0.0941−0.0623i	−1.7625−2.3045i	5.3394+1.3005i	5.4748+10.3717i	5.9319−0.2711i
76.6	0.2191−0.1970i	−0.0203−0.0230i	0.0635−0.0702i	0.0899−0.0697i	−1.6519−2.4039i	5.3310+1.2271i	5.9365+10.1611i	6.2298−0.3941i
76.7	0.2067−0.2101i	−0.0221−0.0226i	0.0632−0.0750i	0.0882−0.0705i	−1.8567−2.4167i	5.2300+1.0148i	6.1974+9.8268i	6.4998−0.9931i
76.8	0.2032−0.2192i	−0.0233−0.0259i	0.0580−0.0798i	0.0853−0.0747i	−1.9172−2.4049i	5.2383+1.0231i	6.2515+9.6573i	6.7227−1.0295i
76.9	0.2060−0.2258i	−0.0271−0.0274i	0.0599−0.0806i	0.0860−0.0786i	−1.7609−2.4151i	5.1076+0.9579i	6.2470+9.6120i	6.8209−1.0135i
77.0	0.1973−0.2391i	−0.0277−0.0240i	0.0563−0.0851i	0.0784−0.0802i	−1.6920−2.4422i	5.0148+0.8086i	6.3070+9.5262i	6.9024−1.4874i
77.1	0.1950−0.2443i	−0.0353−0.0229i	0.0534−0.0898i	0.0811−0.0847i	−1.8114−2.4449i	4.9110+0.6712i	6.4994+9.4456i	6.9801−1.6158i
77.2	0.1821−0.2465i	−0.0319−0.0215i	0.0466−0.0850i	0.0771−0.0868i	−1.8582−2.3682i	4.9159+0.5281i	6.3519+9.1774i	7.2802−1.9739i
77.3	0.1743−0.2547i	−0.0310−0.0225i	0.0468−0.0882i	0.0704−0.0878i	−1.8344−2.3549i	4.7740+0.4772i	6.5297+8.8823i	7.3503−2.1569i
77.4	0.1744−0.2533i	−0.0319−0.0224i	0.0470−0.0905i	0.0722−0.0867i	−1.7227−2.3600i	4.7801+0.4925i	6.3526+9.0043i	7.4535−2.4476i
77.5	0.1701−0.2622i	−0.0309−0.0233i	0.0466−0.0902i	0.0708−0.0951i	−1.7932−2.4592i	4.7377+0.3487i	6.6313+8.9041i	7.6336−2.7553i
77.6	0.1649−0.2798i	−0.0288−0.0283i	0.0447−0.0984i	0.0699−0.1011i	−1.7628−2.3861i	4.6012+0.3591i	7.0695+8.5584i	7.8414−2.4763i
77.7	0.1488−0.2771i	−0.0299−0.0253i	0.0378−0.0979i	0.0642−0.0982i	−1.8362−2.3874i	4.5243+0.2821i	6.5305+8.3003i	8.0975−3.0747i
77.8	0.1356−0.2795i	−0.0324−0.0235i	0.0355−0.0961i	0.0558−0.0999i	−1.7503−2.3055i	4.3725+0.2018i	6.5303+8.2033i	7.8046−3.4478i
77.9	0.1368−0.2792i	−0.0333−0.0243i	0.0312−0.0986i	0.0604−0.1024i	−1.6772−2.3035i	4.3853+0.2244i	6.3221+8.3044i	8.1918−3.7067i
78.0	0.1294−0.2914i	−0.0344−0.0299i	0.0290−0.1048i	0.0545−0.1100i	−1.8040−2.3707i	4.4248+0.0951i	6.4512+8.2962i	8.6463−4.1104i
78.1	0.1159−0.2787i	−0.0348−0.0258i	0.0258−0.1010i	0.0503−0.1016i	−1.7781−2.2847i	4.2339−0.0672i	6.2954+8.0108i	8.0732−4.5994i
78.2	0.1139−0.2892i	−0.0361−0.0263i	0.0231−0.1065i	0.0535−0.1085i	−1.7766−2.2587i	4.1729−0.0794i	6.4228+8.0921i	8.2868−5.0176i
78.3	0.1127−0.3031i	−0.0400−0.0279i	0.0273−0.1087i	0.0481−0.1165i	−1.7916−2.2975i	4.1810−0.1249i	6.6639+8.3717i	8.5604−5.2892i
78.4	0.1046−0.3037i	−0.0434−0.0346i	0.0210−0.1077i	0.0426−0.1190i	−1.7645−2.3001i	4.0451−0.2320i	6.6798+7.9817i	8.5530−5.6218i
78.5	0.0882−0.3036i	−0.0479−0.0372i	0.0117−0.1096i	0.0373−0.1152i	−1.7313−2.3362i	3.8811−0.2869i	6.3303+7.7363i	8.7238−6.1604i
78.6	0.0716−0.3060i	−0.0479−0.0318i	0.0071−0.1087i	0.0296−0.1128i	−1.7350−2.3338i	3.7076−0.4497i	6.4123+7.5128i	8.2024−6.6961i
78.7	0.0687−0.3132i	−0.0527−0.0392i	0.0075−0.1125i	0.0287−0.1238i	−1.8904−2.3691i	3.7001−0.4439i	6.6476+7.4162i	8.2391−6.6824i
78.8	0.0498−0.3163i	−0.0590−0.0380i	−0.0082−0.1121i	0.0187−0.1221i	−1.9952−2.2607i	3.6204−0.5112i	6.3133+7.0424i	8.6075−7.3352i
78.9	0.0325−0.3226i	−0.0649−0.0309i	−0.0098−0.1114i	0.0086−0.1270i	−1.9744−2.3058i	3.4667−0.5207i	5.9620+6.6923i	8.4004−7.8365i
79.0	0.0192−0.2990i	−0.0650−0.0265i	−0.0115−0.1064i	−0.0012−0.1137i	−2.0701−1.9852i	3.5175−0.6398i	4.8248+7.2985i	8.4717−8.6687i
79.1	0.0500−0.3037i	−0.0703−0.0336i	−0.0141−0.1088i	0.0119−0.1093i	−1.8156−1.9512i	3.3549−0.7358i	5.3643+8.9980i	8.4724−9.3387i
79.2	0.0476−0.3251i	−0.0740−0.0307i	−0.0106−0.1146i	0.0150−0.1178i	−1.6129−2.1501i	3.1409−0.6807i	6.2152+8.9335i	7.8341−9.3132i
79.3	0.0089−0.3315i	−0.0824−0.0183i	−0.0295−0.1126i	−0.0005−0.1213i	−1.6652−2.1546i	2.8613−0.7306i	6.6030+8.1546i	7.3125−9.7743i
79.4	−0.0053−0.3418i	−0.0839−0.0146i	−0.0303−0.1164i	−0.0094−0.1272i	−1.6426−2.1679i	2.7263−0.7956i	6.7542+8.0000i	7.3334−10.1014i
79.5	−0.0113−0.3425i	−0.0853−0.0151i	−0.0332−0.1113i	−0.0130−0.1259i	−1.6121−2.2544i	2.7064−0.7579i	6.9000+7.9766i	6.9772−10.2844i
79.6	−0.0398−0.3393i	−0.0893−0.0033i	−0.0457−0.1078i	−0.0241−0.1186i	−1.7012−2.1627i	2.4590−0.8170i	7.1514+7.7307i	6.3888−10.7652i
79.7	−0.0621−0.3371i	−0.0898+0.0001i	−0.0512−0.1072i	−0.0345−0.1237i	−1.7831−2.0966i	2.3773−0.8542i	7.1458+7.7016i	6.2933−11.3062i
79.8	−0.0757−0.3224i	−0.0883+0.0059i	−0.0529−0.1017i	−0.0373−0.1123i	−1.8423−2.1129i	2.2338−0.8093i	7.1475+7.7386i	5.6400−11.7218i
79.9	−0.0865−0.3045i	−0.0889+0.0160i	−0.0553−0.0900i	−0.0424−0.1038i	−1.7799−2.0812i	1.9503−0.8320i	7.3041+7.4864i	4.6741−11.8500i
80.0	−0.0986−0.2982i	−0.0883+0.0223i	−0.0618−0.0861i	−0.0426−0.0965i	−1.7207−2.0649i	1.8480−0.7579i	7.3940+7.5721i	4.2571−12.2820i

1.1.3 Run 1 – IP000-200 – NF and AF gauges

In-plane shaking at 0° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.6413+0.0000i	0.0690+0.0000i	0.4542+0.0000i	1.0476+0.0000i	0.0052+0.0000i	-0.0375+0.0000i	0.0170+0.0000i	0.1010+0.0000i
0.1	0.6289+0.0105i	-0.5745+0.0286i	-0.0660-0.0289i	0.0488-0.0040i	0.0970+0.0030i	0.0964+0.0060i	0.1488+0.0051i	0.1117+0.0048i
0.2	1.1057-0.1528i	-1.0884+0.1347i	-0.0363-0.0014i	0.0431-0.0032i	0.1548-0.0168i	0.1577-0.0186i	0.2004-0.0211i	0.2039-0.0233i
0.3	1.3465+0.0753i	-1.2615-0.0440i	-0.0337+0.0105i	0.0858-0.0004i	0.1916+0.0147i	0.1890+0.0034i	0.2383+0.0140i	0.2488+0.0198i
0.4	1.1843-0.0855i	-1.0598+0.0391i	-0.0120+0.0538i	0.1035-0.0009i	0.1597-0.0085i	0.1646-0.0173i	0.1967-0.0235i	0.2246-0.0154i
0.5	0.7475-0.0331i	-0.6467+0.1304i	-0.0265+0.0129i	0.0523-0.0633i	0.1243-0.0131i	0.1129-0.0177i	0.1705-0.0098i	0.1500-0.0332i
0.6	0.4672-0.0694i	-0.4658+0.0162i	-0.0306+0.0647i	-0.1217-0.0094i	0.0610-0.0089i	0.0785-0.0002i	0.0833-0.0070i	0.0809+0.0201i
0.7	1.5509-0.0025i	-1.5493-0.0641i	-0.1628-0.0403i	0.0617+0.0357i	0.2033+0.0028i	0.2108+0.0075i	0.2547-0.0013i	0.2743+0.0260i
0.8	1.6025+0.0236i	-1.5839-0.0670i	-0.1351+0.0943i	0.0917-0.0971i	0.2156+0.0050i	0.2201+0.0049i	0.2742+0.0103i	0.2911-0.0018i
0.9	1.5358-0.0252i	-1.4692-0.0320i	-0.1354+0.0663i	0.1471-0.0917i	0.2156-0.0041i	0.2180-0.0025i	0.2644-0.0066i	0.3103-0.0069i
1.0	1.7121+0.0595i	-1.7640-0.1443i	-0.0475+0.2118i	-0.0493-0.2517i	0.2219-0.0025i	0.2278+0.0011i	0.2775+0.0145i	0.2998-0.0256i
1.1	1.6924-0.0397i	-1.7046+0.0174i	0.1706+0.0789i	-0.1943-0.0720i	0.2303-0.0023i	0.2336-0.0025i	0.3174+0.0075i	0.2885-0.0162i
1.2	1.6670-0.0163i	-1.6785+0.0027i	0.1511-0.1449i	-0.1664+0.1337i	0.2300+0.0024i	0.2329+0.0031i	0.3217-0.0129i	0.2838+0.0184i
1.3	1.6510-0.0479i	-1.6318+0.0390i	-0.1455-0.0293i	0.1181+0.0237i	0.2349-0.0040i	0.2387-0.0032i	0.2996-0.0075i	0.3247-0.0064i
1.4	1.6864-0.0299i	-1.6674+0.0132i	-0.0925-0.0117i	0.0725+0.0104i	0.2425-0.0014i	0.2461-0.0009i	0.3150-0.0043i	0.3295+0.0009i
1.5	1.6925-0.0276i	-1.6792+0.0089i	-0.0795+0.0070i	0.0634-0.0006i	0.2482-0.0027i	0.2517-0.0026i	0.3262-0.0053i	0.3360-0.0030i
1.6	1.7140-0.0262i	-1.6969+0.0099i	-0.0623+0.0119i	0.0523-0.0090i	0.2557-0.0031i	0.2592-0.0029i	0.3383-0.0077i	0.3466-0.0034i
1.7	1.7376-0.0278i	-1.7184+0.0085i	-0.0615+0.0078i	0.0515-0.0071i	0.2658-0.0031i	0.2691-0.0029i	0.3549-0.0087i	0.3612-0.0019i
1.8	1.7727-0.0345i	-1.7492+0.0159i	-0.0641+0.0105i	0.0542-0.0071i	0.2808-0.0055i	0.2838-0.0050i	0.3780-0.0129i	0.3839-0.0046i
1.9	1.8175-0.0396i	-1.7891+0.0215i	-0.0681+0.0175i	0.0587-0.0135i	0.3005-0.0076i	0.3034-0.0074i	0.4092-0.0173i	0.4132-0.0072i
2.0	1.9136-0.0389i	-1.8771+0.0186i	-0.0739+0.0324i	0.0641-0.0256i	0.3380-0.0103i	0.3409-0.0102i	0.4687-0.0235i	0.4681-0.0105i
2.1	2.0948-0.0750i	-2.0467+0.0467i	-0.0420+0.1083i	0.0381-0.0894i	0.4098-0.0228i	0.4123-0.0234i	0.5822-0.0489i	0.5727-0.0251i
2.2	2.5066-0.2447i	-2.4240+0.2007i	0.0773+0.0002i	-0.0647+0.0075i	0.5939-0.1023i	0.5940-0.1016i	0.8704-0.1833i	0.8469-0.1363i
2.3	1.4452-2.8954i	-1.4591+2.6355i	-0.0311-0.1275i	0.0519+0.1247i	0.1762-1.2101i	0.1775-1.2035i	0.1484-1.9434i	0.2801-1.7697i
2.4	0.6452-0.2677i	-0.7185+0.2376i	-0.0662-0.0198i	0.0666+0.0100i	-0.1837-0.1027i	-0.1788-0.1020i	-0.3731-0.1446i	-0.2889-0.1640i
2.5	1.0734-0.0975i	-1.1103+0.0799i	-0.0525-0.0057i	0.0530+0.0002i	-0.0104-0.0310i	-0.0064-0.0310i	-0.0941-0.0376i	-0.0367-0.0543i
2.6	1.2407-0.0469i	-1.2618+0.0339i	-0.0489-0.0058i	0.0486+0.0005i	0.0552-0.0128i	0.0591-0.0126i	0.0127-0.0116i	0.0570-0.0253i
2.7	1.3223-0.0403i	-1.3367+0.0284i	-0.0472-0.0034i	0.0475+0.0015i	0.0893-0.0089i	0.0930-0.0089i	0.0668-0.0069i	0.1072-0.0184i
2.8	1.3763-0.0310i	-1.3854+0.0193i	-0.0472-0.0017i	0.0478-0.0002i	0.1105-0.0058i	0.1139-0.0057i	0.1008-0.0030i	0.1376-0.0134i
2.9	1.4154-0.0278i	-1.4230+0.0157i	-0.0446-0.0019i	0.0460+0.0006i	0.1251-0.0047i	0.1287-0.0047i	0.1245-0.0019i	0.1589-0.0112i
3.0	1.4459-0.0300i	-1.4497+0.0182i	-0.0445-0.0024i	0.0466+0.0013i	0.1360-0.0042i	0.1395-0.0043i	0.1419-0.0010i	0.1749-0.0104i
3.1	1.4695-0.0236i	-1.4720+0.0131i	-0.0444-0.0026i	0.0470+0.0015i	0.1443-0.0034i	0.1476-0.0033i	0.1546-0.0002i	0.1866-0.0088i
3.2	1.4868-0.0259i	-1.4877+0.0144i	-0.0440-0.0023i	0.0473+0.0015i	0.1504-0.0032i	0.1538-0.0033i	0.1642-0.0002i	0.1958-0.0087i
3.3	1.5056-0.0251i	-1.5059+0.0132i	-0.0444-0.0022i	0.0483+0.0014i	0.1559-0.0030i	0.1592-0.0031i	0.1725+0.0001i	0.2036-0.0084i
3.4	1.5182-0.0222i	-1.5160+0.0125i	-0.0443-0.0023i	0.0481+0.0022i	0.1601-0.0023i	0.1634-0.0024i	0.1787+0.0013i	0.2104-0.0076i
3.5	1.5353-0.0203i	-1.5316+0.0091i	-0.0431-0.0036i	0.0486+0.0016i	0.1645-0.0019i	0.1677-0.0018i	0.1852+0.0019i	0.2167-0.0065i
3.6	1.5497-0.0194i	-1.5474+0.0091i	-0.0437-0.0014i	0.0491+0.0011i	0.1682-0.0016i	0.1714-0.0016i	0.1908+0.0024i	0.2217-0.0066i
3.7	1.5599-0.0215i	-1.5544+0.0109i	-0.0432-0.0028i	0.0491+0.0026i	0.1712-0.0018i	0.1744-0.0018i	0.1952+0.0023i	0.2264-0.0070i
3.8	1.5736-0.0260i	-1.5662+0.0166i	-0.0427-0.0039i	0.0492+0.0021i	0.1745-0.0024i	0.1776-0.0022i	0.1999+0.0015i	0.2310-0.0077i
3.9	1.5863-0.0236i	-1.5805+0.0138i	-0.0418-0.0020i	0.0501+0.0018i	0.1775-0.0021i	0.1808-0.0020i	0.2044+0.0020i	0.2356-0.0073i
4.0	1.5951-0.0176i	-1.5877+0.0104i	-0.0415-0.0038i	0.0501+0.0008i	0.1798-0.0014i	0.1829-0.0013i	0.2081+0.0031i	0.2384-0.0062i
4.1	1.6112-0.0285i	-1.6012+0.0210i	-0.0404-0.0032i	0.0502+0.0019i	0.1828-0.0028i	0.1859-0.0028i	0.2120+0.0012i	0.2430-0.0085i
4.2	1.6192-0.0192i	-1.6108+0.0095i	-0.0397-0.0026i	0.0515+0.0016i	0.1849-0.0012i	0.1878-0.0013i	0.2144+0.0036i	0.2471-0.0063i
4.3	1.6395-0.0290i	-1.6300+0.0194i	-0.0395-0.0022i	0.0526+0.0010i	0.1884-0.0026i	0.1913-0.0027i	0.2200+0.0017i	0.2512-0.0088i
4.4	1.6424-0.0216i	-1.6294+0.0111i	-0.0391-0.0041i	0.0518+0.0004i	0.1898-0.0020i	0.1928-0.0020i	0.2222+0.0033i	0.2535-0.0081i
4.5	1.6546-0.0250i	-1.6402+0.0135i	-0.0383-0.0033i	0.0530+0.0019i	0.1915-0.0022i	0.1943-0.0021i	0.2239+0.0052i	0.2558-0.0096i
4.6	1.6665-0.0260i	-1.6520+0.0146i	-0.0364-0.0049i	0.0523+0.0031i	0.1940-0.0018i	0.1969-0.0018i	0.2271+0.0052i	0.2600-0.0100i
4.7	1.6916-0.0277i	-1.6760+0.0185i	-0.0337-0.0033i	0.0540+0.0028i	0.1977-0.0025i	0.2006-0.0025i	0.2323+0.0042i	0.2651-0.0105i
4.8	1.6934-0.0221i	-1.6779+0.0157i	-0.0336-0.0067i	0.0545+0.0006i	0.1991-0.0021i	0.2018-0.0022i	0.2334+0.0035i	0.2674-0.0097i
4.9	1.7143-0.0246i	-1.6899+0.0119i	-0.0361-0.0032i	0.0510+0.0020i	0.2014-0.0020i	0.2043-0.0018i	0.2366+0.0064i	0.2701-0.0111i
5.0	1.7310-0.0346i	-1.7055+0.0171i	-0.0326-0.0023i	0.0553+0.0037i	0.2045-0.0035i	0.2070-0.0031i	0.2413+0.0051i	0.2748-0.0129i
5.1	1.7426-0.0292i	-1.7198+0.0197i	-0.0298-0.0058i	0.0568+0.0027i	0.2069-0.0036i	0.2093-0.0032i	0.2443+0.0044i	0.2789-0.0134i
5.2	1.7668-0.0388i	-1.7451+0.0296i	-0.0246-0.0028i	0.0595+0.0017i	0.2111-0.0053i	0.2133-0.0057i	0.2491-0.0004i	0.2844-0.0159i
5.3	1.7874-0.0418i	-1.7595+0.0310i	-0.0246-0.0052i	0.0587-0.0002i	0.2138-0.0060i	0.2160-0.0061i	0.2517+0.0004i	0.2899-0.0186i
5.4	1.8052-0.0513i	-1.7654+0.0373i	-0.0246-0.0079i	0.0603+0.0026i	0.2164-0.0078i	0.2187-0.0072i	0.2562+0.0019i	0.2915-0.0235i
5.5	1.8189-0.0548i	-1.7827+0.0418i	-0.0195-0.0063i	0.0613+0.0002i	0.2182-0.0094i	0.2209-0.0089i	0.2576-0.0019i	0.2956-0.0241i
5.6	1.8411-0.0618i	-1.8006+0.0438i	-0.0149-0.0094i	0.0655+0.0011i	0.2210-0.0109i	0.2235-0.0106i	0.2619-0.0017i	0.2998-0.0291i

5.7	1.8603-0.0705i	-1.8160+0.0522i	-0.0135-0.0087i	0.0654-0.0017i	0.2231-0.0122i	0.2255-0.0118i	0.2647-0.0032i	0.3018-0.0317i
5.8	1.8821-0.0801i	-1.8335+0.0566i	-0.0067-0.0124i	0.0657-0.0015i	0.2267-0.0150i	0.2288-0.0144i	0.2679-0.0053i	0.3072-0.0368i
5.9	1.8911-0.0916i	-1.8410+0.0671i	-0.0026-0.0150i	0.0704-0.0018i	0.2256-0.0165i	0.2274-0.0161i	0.2663-0.0046i	0.3049-0.0418i
6.0	1.9043-0.0833i	-1.8446+0.0619i	-0.0014-0.0203i	0.0675-0.0043i	0.2265-0.0152i	0.2282-0.0145i	0.2681-0.0015i	0.3052-0.0421i
6.1	1.9266-0.1020i	-1.8639+0.0758i	0.0062-0.0215i	0.0699-0.0031i	0.2286-0.0164i	0.2308-0.0157i	0.2736-0.0009i	0.3052-0.0443i
6.2	1.9551-0.0859i	-1.8823+0.0632i	0.0157-0.0268i	0.0742-0.0034i	0.2325-0.0148i	0.2340-0.0135i	0.2792+0.0034i	0.3111-0.0444i
6.3	1.9776-0.1121i	-1.8941+0.0788i	0.0245-0.0298i	0.0818-0.0020i	0.2349-0.0172i	0.2370-0.0164i	0.2847+0.0007i	0.3118-0.0483i
6.4	2.0381-0.1181i	-1.9346+0.0771i	0.0330-0.0356i	0.0896-0.0022i	0.2433-0.0179i	0.2446-0.0173i	0.2958-0.0004i	0.3215-0.0495i
6.5	2.0771-0.1287i	-1.9497+0.0806i	0.0427-0.0454i	0.0989-0.0037i	0.2476-0.0195i	0.2488-0.0181i	0.3038-0.0008i	0.3243-0.0526i
6.6	2.1288-0.1514i	-1.9850+0.0864i	0.0600-0.0546i	0.1095-0.0106i	0.2541-0.0225i	0.2548-0.0209i	0.3120-0.0045i	0.3332-0.0565i
6.7	2.1779-0.1783i	-2.0056+0.0966i	0.0805-0.0743i	0.1231-0.0242i	0.2583-0.0259i	0.2586-0.0237i	0.3216-0.0101i	0.3350-0.0593i
6.8	2.2468-0.2380i	-2.0397+0.1208i	0.1066-0.0975i	0.1411-0.0379i	0.2656-0.0323i	0.2653-0.0296i	0.3312-0.0182i	0.3443-0.0693i
6.9	2.3400-0.3243i	-2.0821+0.1409i	0.1448-0.1433i	0.1664-0.0642i	0.2751-0.0415i	0.2743-0.0374i	0.3454-0.0272i	0.3537-0.0843i
7.0	2.4233-0.5141i	-2.1085+0.1930i	0.1857-0.2439i	0.1984-0.1309i	0.2830-0.0612i	0.2817-0.0547i	0.3577-0.0533i	0.3618-0.1079i
7.1	2.3726-0.8972i	-2.1263+0.2884i	0.1444-0.4584i	0.1785-0.2717i	0.2766-0.0997i	0.2769-0.0880i	0.3566-0.0982i	0.3460-0.1617i
7.2	1.8518-1.0275i	-2.0050+0.2972i	-0.1580-0.5560i	-0.0100-0.3336i	0.2235-0.1072i	0.2311-0.0953i	0.3002-0.1124i	0.2685-0.1634i
7.3	1.7202-0.7421i	-2.0327+0.2303i	-0.2900-0.3903i	-0.0953-0.2343i	0.2178-0.0759i	0.2280-0.0680i	0.2912-0.0810i	0.2669-0.1151i
7.4	1.5251-0.6630i	-1.9974+0.2408i	-0.4018-0.3019i	-0.1833-0.2013i	0.2006-0.0735i	0.2133-0.0676i	0.2678-0.0832i	0.2470-0.1099i
7.5	1.5833-0.3153i	-2.0444+0.1561i	-0.3748-0.1251i	-0.1846-0.0727i	0.2076-0.0378i	0.2185-0.0364i	0.2705-0.0413i	0.2600-0.0627i
7.6	1.7630-0.2387i	-2.1215+0.1570i	-0.3004-0.0759i	-0.1379-0.0275i	0.2282-0.0313i	0.2369-0.0311i	0.2959-0.0321i	0.2878-0.0561i
7.7	1.8655-0.2281i	-2.1666+0.1601i	-0.2607-0.0647i	-0.1127-0.0154i	0.2402-0.0316i	0.2481-0.0310i	0.3120-0.0330i	0.3037-0.0544i
7.8	1.9688-0.2505i	-2.2471+0.1906i	-0.2362-0.0669i	-0.0973-0.0095i	0.2539-0.0364i	0.2607-0.0357i	0.3280-0.0389i	0.3236-0.0625i
7.9	2.0228-0.3109i	-2.2968+0.2392i	-0.2367-0.0732i	-0.0993-0.0104i	0.2605-0.0451i	0.2673-0.0442i	0.3363-0.0506i	0.3318-0.0753i
8.0	2.0133-0.2727i	-2.3017+0.2284i	-0.2541-0.0546i	-0.1051+0.0063i	0.2595-0.0423i	0.2670-0.0420i	0.3356-0.0488i	0.3309-0.0704i
8.1	2.0865-0.3291i	-2.3518+0.2982i	-0.2333-0.0530i	-0.0932+0.0045i	0.2680-0.0518i	0.2747-0.0515i	0.3462-0.0632i	0.3401-0.0826i
8.2	2.0983-0.3090i	-2.3922+0.2842i	-0.2514-0.0426i	-0.1058+0.0134i	0.2701-0.0490i	0.2775-0.0480i	0.3484-0.0578i	0.3434-0.0785i
8.3	2.1601-0.3035i	-2.4549+0.3006i	-0.2511-0.0293i	-0.1082+0.0307i	0.2790-0.0487i	0.2861-0.0486i	0.3596-0.0564i	0.3572-0.0794i
8.4	2.2474-0.3133i	-2.5511+0.3281i	-0.2499-0.0244i	-0.1085+0.0372i	0.2937-0.0517i	0.2997-0.0517i	0.3764-0.0595i	0.3778-0.0851i
8.5	2.3139-0.3409i	-2.6227+0.3732i	-0.2511-0.0107i	-0.1178+0.0478i	0.3051-0.0564i	0.3106-0.0568i	0.3932-0.0670i	0.3939-0.0903i
8.6	2.4406-0.4075i	-2.7608+0.4570i	-0.2546-0.0084i	-0.1327+0.0669i	0.3253-0.0690i	0.3307-0.0687i	0.4194-0.0819i	0.4202-0.1101i
8.7	2.5107-0.4750i	-2.8494+0.5520i	-0.2749+0.0005i	-0.1508+0.0849i	0.3372-0.0829i	0.3427-0.0818i	0.4349-0.0999i	0.4375-0.1303i
8.8	2.6317-0.6218i	-3.0002+0.7547i	-0.2958+0.0182i	-0.1666+0.1230i	0.3588-0.1106i	0.3639-0.1087i	0.4656-0.1361i	0.4656-0.1695i
8.9	2.6550-0.7922i	-3.0286+0.9864i	-0.3090+0.0401i	-0.1631+0.1680i	0.3624-0.1435i	0.3673-0.1410i	0.4731-0.1783i	0.4688-0.2166i
9.0	2.7008-1.1031i	-3.0860+1.4043i	-0.3221+0.0959i	-0.1622+0.2454i	0.3704-0.2041i	0.3760-0.2008i	0.4869-0.2576i	0.4764-0.3057i
9.1	2.4128-1.1310i	-2.7124+1.4611i	-0.2928+0.1155i	-0.0990+0.2625i	0.3137-0.2108i	0.3218-0.2082i	0.4159-0.2710i	0.3930-0.3119i
9.2	2.6426-1.4783i	-3.0099+1.9582i	-0.3594+0.1804i	-0.1322+0.3633i	0.3580-0.2810i	0.3654-0.2768i	0.4854-0.3628i	0.4461-0.4138i
9.3	2.0135-1.9789i	-2.1317+2.6450i	-0.2793+0.3311i	0.0448+0.4788i	0.2304-0.3787i	0.2414-0.3748i	0.3240-0.5102i	0.2562-0.5403i
9.4	1.3089-1.6689i	-1.1516+2.2519i	-0.1140+0.3481i	0.2409+0.3981i	0.0881-0.3222i	0.1007-0.3220i	0.1245-0.4537i	0.0599-0.4464i
9.5	1.1057-1.1271i	-0.8492+1.5196i	-0.0221+0.2693i	0.3006+0.2592i	0.0442-0.2168i	0.0544-0.2180i	0.0506-0.3161i	0.0069-0.2934i
9.6	1.2106-0.7365i	-0.9531+0.9872i	0.0049+0.1932i	0.2819+0.1673i	0.0590-0.1399i	0.0688-0.1423i	0.0590-0.2113i	0.0349-0.1848i
9.7	1.3607-0.5146i	-1.1442+0.6973i	0.0129+0.1478i	0.2521+0.1143i	0.0854-0.0976i	0.0949-0.1002i	0.0879-0.1528i	0.0766-0.1265i
9.8	1.5199-0.4007i	-1.3246+0.5320i	0.0082+0.1099i	0.2250+0.0844i	0.1106-0.0742i	0.1189-0.0763i	0.1166-0.1182i	0.1141-0.0951i
9.9	1.6494-0.3276i	-1.4836+0.4233i	-0.0103+0.0829i	0.2076+0.0646i	0.1322-0.0578i	0.1404-0.0600i	0.1455-0.0913i	0.1428-0.0744i
10.0	1.7631-0.2863i	-1.6172+0.3543i	-0.0127+0.0634i	0.1881+0.0517i	0.1507-0.0483i	0.1584-0.0503i	0.1677-0.0752i	0.1706-0.0609i
10.1	1.8694-0.2388i	-1.7480+0.2957i	-0.0262+0.0481i	0.1728+0.0462i	0.1681-0.0399i	0.1757-0.0416i	0.1909-0.0608i	0.1952-0.0523i
10.2	1.9763-0.2182i	-1.8780+0.2758i	-0.0404+0.0423i	0.1653+0.0389i	0.1845-0.0360i	0.1925-0.0372i	0.2134-0.0538i	0.2170-0.0487i
10.3	2.0846-0.2090i	-1.9928+0.2643i	-0.0428+0.0480i	0.1555+0.0355i	0.2001-0.0332i	0.2077-0.0350i	0.2314-0.0521i	0.2389-0.0433i
10.4	2.1660-0.2194i	-2.0712+0.2732i	-0.0396+0.0434i	0.1471+0.0397i	0.2099-0.0341i	0.2180-0.0356i	0.2444-0.0521i	0.2518-0.0444i
10.5	2.2521-0.2128i	-2.1610+0.2616i	-0.0391+0.0281i	0.1487+0.0426i	0.2211-0.0316i	0.2292-0.0330i	0.2595-0.0470i	0.2653-0.0407i
10.6	2.3440-0.1894i	-2.2581+0.2327i	-0.0421+0.0070i	0.1422+0.0495i	0.2333-0.0287i	0.2418-0.0294i	0.2748-0.0430i	0.2834-0.0391i
10.7	2.4394-0.1855i	-2.3597+0.2239i	-0.0571-0.0064i	0.1480+0.0568i	0.2463-0.0281i	0.2545-0.0290i	0.2894-0.0411i	0.3007-0.0376i
10.8	2.5266-0.1905i	-2.4498+0.2227i	-0.0666-0.0125i	0.1514+0.0632i	0.2564-0.0282i	0.2654-0.0293i	0.3012-0.0427i	0.3147-0.0355i
10.9	2.6388-0.2015i	-2.5577+0.2292i	-0.0739-0.0124i	0.1552+0.0548i	0.2693-0.0283i	0.2779-0.0300i	0.3163-0.0411i	0.3327-0.0370i
11.0	2.7301-0.2275i	-2.6488+0.2471i	-0.0788-0.0107i	0.1512+0.0462i	0.2803-0.0291i	0.2897-0.0305i	0.3288-0.0430i	0.3487-0.0372i
11.1	2.8319-0.2295i	-2.7606+0.2434i	-0.0720-0.0333i	0.1411+0.0605i	0.2937-0.0288i	0.3030-0.0298i	0.3445-0.0433i	0.3672-0.0359i
11.2	2.9622-0.2389i	-2.8908+0.2472i	-0.0752-0.0640i	0.1406+0.0887i	0.3089-0.0302i	0.3179-0.0313i	0.3599-0.0473i	0.3896-0.0355i
11.3	3.0919-0.2546i	-3.0261+0.2573i	-0.1188-0.0976i	0.1849+0.1316i	0.3224-0.0317i	0.3316-0.0335i	0.3724-0.0478i	0.4113-0.0388i
11.4	3.2513-0.2616i	-3.1895+0.2703i	-0.1832-0.1276i	0.2362+0.1470i	0.3396-0.0328i	0.3505-0.0341i	0.3894-0.0451i	0.4364-0.0450i
11.5	3.4124-0.2837i	-3.3570+0.2873i	-0.2931-0.1306i	0.3349+0.1428i	0.3577-0.0343i	0.3687-0.0357i	0.4074-0.0392i	0.4638-0.0530i
11.6	3.6083-0.3585i	-3.5599+0.3556i	-0.3395-0.0693i	0.3793+0.0840i	0.3797-0.0414i	0.3907-0.0435i	0.4388-0.0409i	0.4874-0.0701i
11.7	3.7527-0.3774i	-3.7088+0.3752i	-0.3929-0.0281i	0.4199+0.0510i	0.3956-0.0428i	0.4079-0.0458i	0.4626-0.0397i	0.5029-0.0741i
11.8	3.9636-0.4464i	-3.9226+0.4451i	-0.4235+0.0270i	0.4435+0.0008i	0.4190-0.0507i	0.4313-0.0545i	0.4946-0.0491i	0.5289-0.0839i
11.9	4.1992-0.4819i	-4.1655+0.4764i	-0.4237+0.0667i	0.4441-0.0361i	0.4452-0.0534i	0.4576-0.0572i	0.5280-0.0525i	0.5592-0.0903i

12.0	4.5442−0.6840i	−4.5128+0.6882i	−0.5004+0.1321i	0.5130−0.0955i	0.4811−0.0754i	0.4936−0.0791i	0.5720−0.0772i	0.6018−0.1199i
12.1	4.8330−0.7507i	−4.8009+0.7474i	−0.5427+0.1553i	0.5504−0.1133i	0.5123−0.0823i	0.5261−0.0865i	0.6110−0.0871i	0.6388−0.1264i
12.2	5.3014−0.8646i	−5.2759+0.8697i	−0.6067+0.1807i	0.6183−0.1220i	0.5629−0.0960i	0.5765−0.1004i	0.6700−0.1021i	0.7046−0.1441i
12.3	5.7572−1.1650i	−5.7290+1.1761i	−0.7436+0.3031i	0.7497−0.2377i	0.6100−0.1281i	0.6259−0.1346i	0.7291−0.1382i	0.7596−0.1906i
12.4	6.3240−1.4298i	−6.2887+1.4498i	−0.9239+0.3957i	0.9264−0.3060i	0.6704−0.1583i	0.6863−0.1650i	0.7981−0.1696i	0.8355−0.2343i
12.5	6.9869−2.1029i	−6.9427+2.1290i	−1.0364+0.6579i	1.0534−0.5467i	0.7394−0.2294i	0.7556−0.2386i	0.8793−0.2529i	0.9180−0.3258i
12.6	7.7685−2.6857i	−7.7088+2.7229i	−1.2617+0.9349i	1.3011−0.8049i	0.8185−0.2922i	0.8356−0.3042i	0.9739−0.3233i	1.0121−0.4119i
12.7	8.6451−3.7652i	−8.5683+3.7855i	−1.5382+1.4450i	1.6056−1.2987i	0.9070−0.4055i	0.9252−0.4204i	1.0839−0.4485i	1.1096−0.5658i
12.8	9.4229−5.1970i	−9.3298+5.1940i	−1.6228+2.1722i	1.7309−2.0077i	0.9844−0.5540i	1.0033−0.5740i	1.1848−0.6190i	1.1921−0.7577i
12.9	9.2808−8.6753i	−9.1891+8.6299i	−1.0802+3.7885i	1.2423−3.6399i	0.9659−0.9127i	0.9789−0.9374i	1.1864−1.0346i	1.1344−1.1994i
13.0	7.3570−13.2364i	−7.3168+13.1289i	0.8582+5.8392i	−0.6127−5.7148i	0.7633−1.3767i	0.7670−1.4095i	0.9837−1.5977i	0.8336−1.7456i
13.1	1.5761−14.9907i	−1.6284+14.8910i	4.5638+5.5647i	−4.2591−5.5324i	0.1690−1.5505i	0.1563−1.5793i	0.2941−1.8495i	0.0853−1.8926i
13.2	−3.0096−11.9156i	2.9291+11.8951i	6.9059+2.4927i	−6.6146−2.5691i	−0.2971−1.2293i	−0.3153−1.2427i	−0.2874−1.5095i	−0.4432−1.4401i
13.3	−4.3014−8.9410i	4.2400+8.9726i	7.2290−0.2476i	−6.9773+0.0870i	−0.4278−0.9235i	−0.4434−0.9266i	−0.4747−1.1505i	−0.5579−1.0599i
13.4	−4.4397−6.7972i	4.4022+6.8574i	6.6718−2.4883i	−6.4739+2.2778i	−0.4414−0.7043i	−0.4506−0.7007i	−0.5079−0.8786i	−0.5453−0.8017i
13.5	−4.2953−5.6472i	4.2903+5.7329i	5.6222−4.4154i	−5.4833+4.1648i	−0.4281−0.5877i	−0.4302−0.5821i	−0.4995−0.7276i	−0.5137−0.6769i
13.6	−3.6511−4.7035i	3.6932+4.7921i	3.5773−5.8240i	−3.5290+5.5707i	−0.3633−0.4912i	−0.3573−0.4873i	−0.4189−0.5984i	−0.4338−0.5795i
13.7	−3.5581−4.0802i	3.6333+4.1477i	1.2164−6.2148i	−1.2381+5.9875i	−0.3557−0.4235i	−0.3461−0.4248i	−0.4004−0.5156i	−0.4309−0.5051i
13.8	−3.6284−3.5456i	3.7223+3.5799i	−0.5542−5.5789i	0.4863+5.3913i	−0.3627−0.3633i	−0.3530−0.3699i	−0.4032−0.4496i	−0.4464−0.4289i
13.9	−3.5197−2.9213i	3.6122+2.9234i	−1.7581−4.2957i	1.6639+4.1778i	−0.3483−0.2949i	−0.3404−0.3066i	−0.3853−0.3797i	−0.4305−0.3383i
14.0	−3.2532−2.3327i	3.3381+2.3181i	−2.0528−3.2801i	1.9741+3.1951i	−0.3177−0.2325i	−0.3134−0.2458i	−0.3560−0.3114i	−0.3883−0.2585i
14.1	−2.8941−1.7768i	2.9681+1.7412i	−2.1699−2.4232i	2.1088+2.3649i	−0.2759−0.1743i	−0.2747−0.1871i	−0.3157−0.2433i	−0.3299−0.1858i
14.2	−2.5363−1.5268i	2.5941+1.4889i	−2.0827−1.8769i	2.0310+1.8257i	−0.2358−0.1498i	−0.2367−0.1619i	−0.2736−0.2106i	−0.2767−0.1583i
14.3	−2.0919−1.1160i	2.1410+1.0715i	−2.0410−1.4357i	1.9910+1.3929i	−0.1861−0.1081i	−0.1871−0.1186i	−0.2180−0.1586i	−0.2107−0.1091i
14.4	−1.8141−1.0132i	1.8540+0.9683i	−1.8856−1.1314i	1.8445+1.0874i	−0.1558−0.0993i	−0.1580−0.1079i	−0.1826−0.1433i	−0.1734−0.1013i
14.5	−1.5127−0.7826i	1.5475+0.7385i	−1.7612−0.9012i	1.7243+0.8581i	−0.1226−0.0758i	−0.1249−0.0824i	−0.1449−0.1119i	−0.1279−0.0746i
14.6	−1.1856−0.7489i	1.2198+0.7006i	−1.6389−0.7508i	1.6025+0.7033i	−0.0874−0.0738i	−0.0881−0.0795i	−0.0998−0.1055i	−0.0842−0.0771i
14.7	−0.9390−0.5734i	0.9693+0.5149i	−1.5494−0.6776i	1.5198+0.6151i	−0.0597−0.0553i	−0.0606−0.0600i	−0.0668−0.0843i	−0.0484−0.0526i
14.8	−0.7301−0.6460i	0.7461+0.5842i	−1.4634−0.5718i	1.4201+0.5078i	−0.0366−0.0634i	−0.0364−0.0675i	−0.0388−0.0913i	−0.0179−0.0652i
14.9	−0.5696−0.6145i	0.5650+0.5481i	−1.4818−0.5284i	1.4152+0.4583i	−0.0159−0.0608i	−0.0159−0.0654i	−0.0128−0.0885i	0.0096−0.0636i
15.0	−0.3409−0.5860i	0.3220+0.5259i	−1.5122−0.4110i	1.4212+0.3497i	0.0106−0.0603i	0.0124−0.0645i	0.0208−0.0827i	0.0428−0.0702i
15.1	−0.2320−0.4885i	0.2051+0.4374i	−1.4857−0.3422i	1.3763+0.2964i	0.0245−0.0512i	0.0268−0.0549i	0.0425−0.0757i	0.0552−0.0548i
15.2	−0.0689−0.4467i	0.0384+0.4099i	−1.4479−0.2465i	1.3419+0.2213i	0.0426−0.0487i	0.0440−0.0528i	0.0618−0.0758i	0.0821−0.0511i
15.3	0.2458−0.3279i	−0.2751+0.3070i	−1.4210−0.2012i	1.3099+0.1844i	0.0783−0.0379i	0.0812−0.0416i	0.1050−0.0619i	0.1277−0.0406i
15.4	0.2932−0.4177i	−0.3225+0.4076i	−1.3591−0.1357i	1.2523+0.1306i	0.0843−0.0497i	0.0864−0.0528i	0.1117−0.0766i	0.1362−0.0547i
15.5	0.4828−0.4012i	−0.5149+0.3859i	−1.3268−0.0659i	1.2270+0.0780i	0.1059−0.0495i	0.1089−0.0535i	0.1383−0.0763i	0.1637−0.0569i
15.6	0.6472−0.3729i	−0.6773+0.3601i	−1.3189−0.0622i	1.2136+0.0701i	0.1257−0.0480i	0.1291−0.0512i	0.1627−0.0766i	0.1893−0.0532i
15.7	0.8985−0.4748i	−0.9312+0.4725i	−1.3164+0.0090i	1.2124+0.0073i	0.1546−0.0612i	0.1586−0.0655i	0.1973−0.0945i	0.2284−0.0727i
15.8	1.0998−0.4983i	−1.1376+0.4925i	−1.3177+0.0394i	1.2098−0.0110i	0.1795−0.0666i	0.1837−0.0711i	0.2276−0.1023i	0.2620−0.0802i
15.9	1.2858−0.5316i	−1.3212+0.5305i	−1.3202+0.0562i	1.2069−0.0233i	0.2019−0.0729i	0.2070−0.0778i	0.2545−0.1116i	0.2912−0.0893i
16.0	1.5184−0.5300i	−1.5640+0.5401i	−1.3431+0.0638i	1.2311−0.0224i	0.2311−0.0758i	0.2361−0.0814i	0.2904−0.1179i	0.3293−0.0942i
16.1	1.7671−0.6199i	−1.8058+0.6352i	−1.3811+0.1113i	1.2607−0.0610i	0.2600−0.0902i	0.2650−0.0962i	0.3243−0.1383i	0.3689−0.1155i
16.2	1.9960−0.7492i	−2.0373+0.7695i	−1.4125+0.1455i	1.2916−0.0906i	0.2858−0.1083i	0.2920−0.1134i	0.3530−0.1606i	0.4053−0.1391i
16.3	2.2253−0.8610i	−2.2635+0.8886i	−1.4533+0.1692i	1.3210−0.1117i	0.3126−0.1234i	0.3191−0.1299i	0.3826−0.1822i	0.4420−0.1615i
16.4	2.7140−1.1958i	−2.7629+1.2328i	−1.5961+0.2793i	1.4495−0.1830i	0.3720−0.1686i	0.3790−0.1765i	0.4524−0.2399i	0.5219−0.2210i
16.5	3.0292−1.4915i	−3.0790+1.5413i	−1.7061+0.3761i	1.5525−0.2513i	0.4106−0.2119i	0.4181−0.2205i	0.4964−0.2940i	0.5745−0.2829i
16.6	3.1047−1.5988i	−3.1415+1.6550i	−1.7343+0.4337i	1.5970−0.2788i	0.4175−0.2296i	0.4251−0.2385i	0.5045−0.3141i	0.5824−0.3113i
16.7	3.6244−1.9702i	−3.6513+2.0249i	−1.9273+0.5823i	1.7846−0.4203i	0.4751−0.2789i	0.4850−0.2893i	0.5715−0.3784i	0.6623−0.3806i
16.8	3.9776−2.3660i	−4.0163+2.4230i	−2.0448+0.7364i	1.8898−0.5666i	0.5177−0.3316i	0.5275−0.3432i	0.6187−0.4458i	0.7203−0.4491i
16.9	3.8926−2.6396i	−3.9464+2.7110i	−1.9804+0.9101i	1.8260−0.7059i	0.5098−0.3689i	0.5197−0.3822i	0.6098−0.4915i	0.7082−0.5031i
17.0	3.9864−3.9592i	−4.0372+4.0745i	−2.0197+1.3844i	1.8822−1.1048i	0.5101−0.5423i	0.5166−0.5593i	0.5992−0.7048i	0.7013−0.7395i
17.1	3.9836−5.2577i	−3.9890+5.4362i	−2.0080+1.8852i	1.9325−1.4813i	0.4893−0.7191i	0.4938−0.7380i	0.5596−0.9224i	0.6692−0.9867i
17.2	3.3484−6.5837i	−3.2940+6.7390i	−1.6742+2.4789i	1.6919−2.0848i	0.3844−0.8705i	0.3873−0.8929i	0.4174−1.1018i	0.5246−1.1832i
17.3	1.9120−8.0589i	−1.8196+8.2330i	−1.0408+2.9323i	1.1401−2.4984i	0.1872−1.0437i	0.1837−1.0667i	0.1610−1.2999i	0.2525−1.4180i
17.4	−0.1844−8.6964i	0.3467+8.8556i	−0.2373+3.1494i	0.5271−2.6981i	−0.0975−1.1000i	−0.1072−1.1234i	−0.1958−1.3489i	−0.1364−1.4941i
17.5	−1.4926−8.4981i	1.7241+8.5973i	0.2956+3.0554i	0.1247−2.7154i	−0.2711−1.0460i	−0.2834−1.0680i	−0.4119−1.2628i	−0.3758−1.4167i
17.6	−3.1023−8.0074i	3.3334+8.0252i	0.9335+2.7873i	−0.4816−2.6081i	−0.4581−0.9509i	−0.4739−0.9689i	−0.6302−1.1245i	−0.6251−1.2797i
17.7	−4.3865−6.4645i	4.5666+6.4249i	1.3306+2.1566i	−0.9299−2.0957i	−0.5867−0.7398i	−0.6045−0.7532i	−0.7678−0.8535i	−0.7923−0.9911i
17.8	−5.1175−5.4293i	5.2790+5.3682i	1.5484+1.7780i	−1.1677−1.7785i	−0.6611−0.6051i	−0.6785−0.6138i	−0.8409−0.6811i	−0.8930−0.8093i
17.9	−5.1267−4.4884i	5.2662+4.4224i	1.5332+1.4429i	−1.1973−1.4905i	−0.6486−0.4917i	−0.6656−0.4979i	−0.8144−0.5436i	−0.8779−0.6593i
18.0	−5.0090−3.5974i	5.1291+3.5413i	1.4907+1.1612i	−1.1892−1.2264i	−0.6217−0.3874i	−0.6375−0.3918i	−0.7726−0.4202i	−0.8381−0.5188i
18.1	−4.7383−2.9779i	4.8488+2.9158i	1.3950+0.9563i	−1.1227−1.0319i	−0.5826−0.3176i	−0.5962−0.3204i	−0.7186−0.3399i	−0.7872−0.4253i
18.2	−4.4301−2.3534i	4.5374+2.2775i	1.2901+0.7275i	−1.0469−0.8247i	−0.5396−0.2446i	−0.5515−0.2457i	−0.6590−0.2546i	−0.7294−0.3273i

18.3	-4.1172-1.9317i	4.2102+1.8512i	1.1763+0.5847i	-0.9719-0.6964i	-0.4967-0.1961i	-0.5077-0.1974i	-0.6040-0.1993i	-0.6716-0.2628i
18.4	-3.9577-1.6402i	4.0351+1.5559i	1.1248+0.4904i	-0.9454-0.6105i	-0.4752-0.1620i	-0.4848-0.1629i	-0.5735-0.1605i	-0.6431-0.2158i
18.5	-3.6030-1.3692i	3.6599+1.3030i	0.9985+0.4157i	-0.8546-0.5183i	-0.4272-0.1342i	-0.4362-0.1352i	-0.5116-0.1331i	-0.5786-0.1771i
18.6	-3.3086-1.1323i	3.3686+1.1000i	0.9067+0.3727i	-0.7753-0.4264i	-0.3885-0.1145i	-0.3971-0.1142i	-0.4645-0.1148i	-0.5260-0.1498i
18.7	-3.1177-0.9931i	3.2249+0.9391i	0.9022+0.3069i	-0.7116-0.3804i	-0.3738-0.0985i	-0.3808-0.0981i	-0.4481-0.0977i	-0.5067-0.1277i
18.8	-2.8721-0.8425i	2.9640+0.7622i	0.8145+0.2153i	-0.6489-0.3294i	-0.3427-0.0774i	-0.3483-0.0772i	-0.4085-0.0727i	-0.4630-0.0988i
18.9	-2.7257-0.7626i	2.8014+0.6787i	0.7688+0.1858i	-0.6201-0.3055i	-0.3238-0.0678i	-0.3285-0.0680i	-0.3845-0.0611i	-0.4393-0.0877i
19.0	-2.5717-0.6522i	2.6455+0.5595i	0.7142+0.1400i	-0.5820-0.2659i	-0.3044-0.0536i	-0.3094-0.0543i	-0.3601-0.0469i	-0.4128-0.0661i
19.1	-2.3606-0.6358i	2.4296+0.5405i	0.6564+0.1338i	-0.5266-0.2602i	-0.2790-0.0526i	-0.2838-0.0536i	-0.3308-0.0468i	-0.3770-0.0648i
19.2	-2.2563-0.5598i	2.3147+0.4579i	0.6141+0.1043i	-0.5039-0.2392i	-0.2645-0.0424i	-0.2688-0.0431i	-0.3123-0.0345i	-0.3569-0.0514i
19.3	-2.1391-0.5034i	2.1924+0.3891i	0.5657+0.0746i	-0.4753-0.2224i	-0.2488-0.0337i	-0.2527-0.0345i	-0.2934-0.0247i	-0.3355-0.0382i
19.4	-2.0467-0.4284i	2.0764+0.3140i	0.5309+0.0498i	-0.4616-0.2024i	-0.2336-0.0242i	-0.2378-0.0254i	-0.2737-0.0140i	-0.3139-0.0250i
19.5	-1.9794-0.3987i	1.9961+0.2812i	0.5090+0.0469i	-0.4589-0.1880i	-0.2240-0.0195i	-0.2278-0.0211i	-0.2614-0.0082i	-0.2996-0.0203i
19.6	-1.9036-0.3802i	1.9076+0.2690i	0.4828+0.0416i	-0.4392-0.1766i	-0.2138-0.0189i	-0.2175-0.0203i	-0.2492-0.0096i	-0.2871-0.0187i
19.7	-1.8595-0.4105i	1.8662+0.3095i	0.4687+0.0552i	-0.4199-0.1881i	-0.2096-0.0244i	-0.2140-0.0260i	-0.2448-0.0171i	-0.2817-0.0272i
19.8	-1.7698-0.3590i	1.7755+0.2555i	0.4300+0.0372i	-0.3980-0.1708i	-0.1978-0.0182i	-0.2015-0.0194i	-0.2308-0.0103i	-0.2666-0.0165i
19.9	-1.6689-0.3332i	1.6640+0.2328i	0.4004+0.0335i	-0.3839-0.1598i	-0.1836-0.0153i	-0.1876-0.0163i	-0.2140-0.0064i	-0.2453-0.0128i
20.0	-1.5826-0.2846i	1.5658+0.1848i	0.3727+0.0312i	-0.3668-0.1436i	-0.1700-0.0090i	-0.1739-0.0103i	-0.1963+0.0007i	-0.2272-0.0031i
20.1	-1.5288-0.3032i	1.5053+0.2039i	0.3640+0.0288i	-0.3649-0.1401i	-0.1623-0.0125i	-0.1657-0.0137i	-0.1856-0.0051i	-0.2150-0.0098i
20.2	-1.4741-0.2412i	1.4462+0.1552i	0.3484+0.0096i	-0.3586-0.1198i	-0.1546-0.0064i	-0.1582-0.0073i	-0.1770+0.0026i	-0.2053-0.0009i
20.3	-1.4359-0.2478i	1.4021+0.1695i	0.3315+0.0232i	-0.3481-0.1107i	-0.1496-0.0093i	-0.1529-0.0102i	-0.1708-0.0022i	-0.2004-0.0049i
20.4	-1.3630-0.2274i	1.3250+0.1598i	0.3113+0.0113i	-0.3321-0.1015i	-0.1399-0.0066i	-0.1439-0.0079i	-0.1595+0.0009i	-0.1852-0.0035i
20.5	-1.3151-0.2120i	1.2871+0.1536i	0.3055+0.0086i	-0.3229-0.0952i	-0.1337-0.0056i	-0.1376-0.0065i	-0.1511+0.0026i	-0.1781-0.0018i
20.6	-1.2559-0.2074i	1.2276+0.1516i	0.2944+0.0150i	-0.3034-0.0925i	-0.1277-0.0051i	-0.1310-0.0066i	-0.1434+0.0025i	-0.1689-0.0004i
20.7	-1.2082-0.1576i	1.1728+0.1056i	0.2841+0.0017i	-0.2963-0.0708i	-0.1208+0.0008i	-0.1246+0.0002i	-0.1348+0.0104i	-0.1598+0.0075i
20.8	-1.1608-0.1706i	1.1258+0.1209i	0.2761+0.0043i	-0.2831-0.0726i	-0.1150-0.0004i	-0.1187-0.0009i	-0.1288+0.0083i	-0.1528+0.0062i
20.9	-1.1393-0.1585i	1.1137+0.1081i	0.2702-0.0015i	-0.2831-0.0681i	-0.1130+0.0015i	-0.1164+0.0008i	-0.1259+0.0099i	-0.1505+0.0091i
21.0	-1.1162-0.1432i	1.0861+0.0962i	0.2744-0.0074i	-0.2843-0.0678i	-0.1088+0.0032i	-0.1119+0.0027i	-0.1198+0.0117i	-0.1437+0.0116i
21.1	-1.0479-0.1331i	1.0098+0.0940i	0.2571-0.0091i	-0.2734-0.0570i	-0.0971+0.0040i	-0.1015+0.0035i	-0.1062+0.0138i	-0.1273+0.0127i
21.2	-1.0095-0.1504i	0.9825+0.1120i	0.2539-0.0110i	-0.2599-0.0525i	-0.0926+0.0014i	-0.0966+0.0019i	-0.0994+0.0098i	-0.1231+0.0096i
21.3	-0.9663-0.1535i	0.9372+0.1146i	0.2409-0.0155i	-0.2482-0.0486i	-0.0887-0.0007i	-0.0919-0.0005i	-0.0936+0.0067i	-0.1174+0.0082i
21.4	-0.9438-0.1080i	0.9143+0.0651i	0.2301-0.0238i	-0.2415-0.0417i	-0.0841+0.0044i	-0.0875+0.0053i	-0.0886+0.0116i	-0.1096+0.0162i
21.5	-0.9547-0.0813i	0.9186+0.0348i	0.2356-0.0330i	-0.2570-0.0344i	-0.0843+0.0088i	-0.0878+0.0093i	-0.0881+0.0160i	-0.1095+0.0219i
21.6	-0.9017-0.0923i	0.8606+0.0535i	0.2181-0.0345i	-0.2438-0.0264i	-0.0757+0.0078i	-0.0786+0.0083i	-0.0777+0.0148i	-0.0964+0.0216i
21.7	-0.8529-0.0844i	0.8154+0.0437i	0.1953-0.0519i	-0.2257-0.0120i	-0.0689+0.0066i	-0.0712+0.0079i	-0.0700+0.0112i	-0.0860+0.0218i
21.8	-0.8265-0.0849i	0.7882+0.0514i	0.1818-0.0549i	-0.2204-0.0139i	-0.0636+0.0054i	-0.0664+0.0064i	-0.0635+0.0103i	-0.0776+0.0193i
21.9	-0.7928-0.0754i	0.7585+0.0505i	0.1699-0.0520i	-0.2083-0.0112i	-0.0581+0.0039i	-0.0598+0.0051i	-0.0567+0.0082i	-0.0682+0.0138i
22.0	-0.7754-0.0708i	0.7403+0.0480i	0.1530-0.0504i	-0.1989-0.0048i	-0.0566+0.0020i	-0.0585+0.0040i	-0.0566+0.0054i	-0.0640+0.0124i
22.1	-0.7379-0.0770i	0.7048+0.0559i	0.1459-0.0389i	-0.1837-0.0090i	-0.0511+0.0007i	-0.0531+0.0016i	-0.0513+0.0042i	-0.0555+0.0080i
22.2	-0.7384-0.0696i	0.6921+0.0577i	0.1480-0.0362i	-0.1889-0.0087i	-0.0491+0.0012i	-0.0512+0.0025i	-0.0483+0.0050i	-0.0519+0.0067i
22.3	-0.7046-0.0619i	0.6715+0.0444i	0.1393-0.0290i	-0.1758-0.0066i	-0.0474+0.0015i	-0.0487+0.0019i	-0.0457+0.0049i	-0.0506+0.0072i
22.4	-0.6580-0.0659i	0.6272+0.0468i	0.1269-0.0270i	-0.1692-0.0078i	-0.0427-0.0012i	-0.0433-0.0003i	-0.0404+0.0027i	-0.0428+0.0027i
22.5	-0.6481-0.0660i	0.6169+0.0615i	0.1317-0.0136i	-0.1709-0.0047i	-0.0413-0.0021i	-0.0421-0.0014i	-0.0392+0.0028i	-0.0410-0.0004i
22.6	-0.6373-0.0631i	0.6058+0.0522i	0.1333-0.0125i	-0.1689-0.0054i	-0.0392-0.0021i	-0.0400-0.0013i	-0.0360+0.0023i	-0.0389-0.0002i
22.7	-0.6153-0.0589i	0.5922+0.0500i	0.1252-0.0130i	-0.1624-0.0073i	-0.0374-0.0028i	-0.0386-0.0020i	-0.0328+0.0014i	-0.0387-0.0021i
22.8	-0.5976-0.0512i	0.5721+0.0502i	0.1294-0.0187i	-0.1552-0.0017i	-0.0343-0.0024i	-0.0353-0.0017i	-0.0286+0.0026i	-0.0337-0.0029i
22.9	-0.5679-0.0642i	0.5399+0.0681i	0.1246-0.0107i	-0.1488-0.0012i	-0.0303-0.0048i	-0.0314-0.0038i	-0.0252-0.0012i	-0.0275-0.0071i
23.0	-0.5270-0.0532i	0.5095+0.0544i	0.1118-0.0109i	-0.1415+0.0016i	-0.0274-0.0038i	-0.0275-0.0032i	-0.0202+0.0004i	-0.0247-0.0058i
23.1	-0.5259-0.0587i	0.5054+0.0516i	0.1123-0.0128i	-0.1342-0.0015i	-0.0267-0.0049i	-0.0280-0.0038i	-0.0191-0.0007i	-0.0238-0.0069i
23.2	-0.4992-0.0508i	0.4815+0.0521i	0.1036-0.0112i	-0.1349-0.0031i	-0.0245-0.0046i	-0.0244-0.0044i	-0.0148-0.0007i	-0.0219-0.0063i
23.3	-0.4840-0.0461i	0.4713+0.0415i	0.1024-0.0239i	-0.1231+0.0080i	-0.0231-0.0041i	-0.0232-0.0033i	-0.0132-0.0006i	-0.0207-0.0071i
23.4	-0.4902-0.0362i	0.4780+0.0406i	0.1092-0.0206i	-0.1257+0.0035i	-0.0235-0.0039i	-0.0231-0.0028i	-0.0127+0.0003i	-0.0215-0.0068i
23.5	-0.4579-0.0337i	0.4505+0.0378i	0.1000-0.0170i	-0.1207+0.0045i	-0.0194-0.0045i	-0.0195-0.0033i	-0.0081+0.0004i	-0.0163-0.0061i
23.6	-0.4382-0.0307i	0.4293+0.0353i	0.0957-0.0104i	-0.1127+0.0010i	-0.0172-0.0029i	-0.0169-0.0025i	-0.0051+0.0007i	-0.0122-0.0056i
23.7	-0.4284-0.0409i	0.4204+0.0352i	0.0956-0.0052i	-0.1143-0.0054i	-0.0167-0.0043i	-0.0165-0.0035i	-0.0045-0.0006i	-0.0130-0.0083i
23.8	-0.4069-0.0347i	0.4084+0.0358i	0.0879-0.0041i	-0.1064+0.0003i	-0.0148-0.0037i	-0.0142-0.0035i	-0.0024-0.0013i	-0.0106-0.0063i
23.9	-0.4224-0.0262i	0.4164+0.0222i	0.0929-0.0080i	-0.1094+0.0039i	-0.0153-0.0026i	-0.0156-0.0018i	-0.0029+0.0003i	-0.0125-0.0044i
24.0	-0.3849-0.0169i	0.3823+0.0136i	0.0872-0.0068i	-0.1072-0.0004i	-0.0118-0.0025i	-0.0108-0.0021i	0.0025-0.0009i	-0.0073-0.0030i
24.1	-0.3600-0.0341i	0.3568+0.0255i	0.0916-0.0069i	-0.0999-0.0043i	-0.0085-0.0037i	-0.0068-0.0037i	0.0079-0.0018i	-0.0018-0.0083i
24.2	-0.3406-0.0348i	0.3396+0.0254i	0.0834-0.0017i	-0.0987-0.0054i	-0.0061-0.0053i	-0.0051-0.0038i	0.0094-0.0022i	0.0017-0.0088i
24.3	-0.3348-0.0310i	0.3308+0.0354i	0.0805-0.0051i	-0.0974-0.0071i	-0.0046-0.0059i	-0.0043-0.0061i	0.0104-0.0041i	0.0039-0.0103i
24.4	-0.3286-0.0328i	0.3248+0.0367i	0.0942-0.0079i	-0.1026-0.0013i	-0.0036-0.0057i	-0.0039-0.0063i	0.0125-0.0060i	0.0052-0.0113i
24.5	-0.2985-0.0282i	0.2998+0.0278i	0.0908-0.0010i	-0.1040+0.0011i	0.0003-0.0046i	0.0001-0.0044i	0.0172-0.0047i	0.0104-0.0074i

24.6	-0.2971-0.0171i	0.2941+0.0142i	0.0848-0.0016i	-0.0944-0.0009i	0.0000-0.0018i	0.0011-0.0023i	0.0178-0.0010i	0.0089-0.0047i
24.7	-0.2882-0.0204i	0.2842+0.0151i	0.0813-0.0060i	-0.0929-0.0005i	0.0020-0.0032i	0.0024-0.0036i	0.0195-0.0022i	0.0113-0.0068i
24.8	-0.2697-0.0234i	0.2685+0.0220i	0.0892-0.0066i	-0.0982+0.0001i	0.0042-0.0045i	0.0045-0.0040i	0.0220-0.0027i	0.0150-0.0083i
24.9	-0.2462-0.0307i	0.2523+0.0277i	0.0812-0.0016i	-0.0854-0.0063i	0.0071-0.0043i	0.0068-0.0039i	0.0259-0.0029i	0.0184-0.0087i
25.0	-0.2466-0.0208i	0.2474+0.0229i	0.0775-0.0015i	-0.0882+0.0001i	0.0076-0.0030i	0.0086-0.0023i	0.0268-0.0024i	0.0210-0.0066i
25.1	-0.2316-0.0164i	0.2333+0.0075i	0.0820-0.0024i	-0.0889-0.0018i	0.0101-0.0026i	0.0097-0.0025i	0.0302-0.0020i	0.0221-0.0058i
25.2	-0.2093-0.0117i	0.2130+0.0049i	0.0764-0.0074i	-0.0796-0.0038i	0.0130-0.0023i	0.0135-0.0026i	0.0335-0.0025i	0.0278-0.0065i
25.3	-0.2139-0.0094i	0.2199+0.0035i	0.0783-0.0079i	-0.0818-0.0048i	0.0122-0.0021i	0.0121-0.0018i	0.0330-0.0008i	0.0241-0.0046i
25.4	-0.1955-0.0193i	0.2006+0.0154i	0.0851-0.0106i	-0.0874+0.0003i	0.0144-0.0033i	0.0147-0.0036i	0.0354-0.0029i	0.0290-0.0091i
25.5	-0.1900-0.0129i	0.1928+0.0107i	0.0811-0.0099i	-0.0850+0.0072i	0.0154-0.0028i	0.0158-0.0028i	0.0379-0.0023i	0.0300-0.0069i
25.6	-0.1711-0.0231i	0.1842+0.0174i	0.0821-0.0050i	-0.0838+0.0047i	0.0173-0.0051i	0.0178-0.0045i	0.0405-0.0053i	0.0312-0.0108i
25.7	-0.1497-0.0126i	0.1622+0.0156i	0.0827-0.0109i	-0.0862+0.0072i	0.0201-0.0048i	0.0207-0.0038i	0.0438-0.0037i	0.0359-0.0101i
25.8	-0.1506-0.0253i	0.1564+0.0216i	0.0876-0.0063i	-0.0818+0.0034i	0.0213-0.0059i	0.0225-0.0060i	0.0456-0.0062i	0.0387-0.0100i
25.9	-0.1443-0.0350i	0.1512+0.0389i	0.0784-0.0043i	-0.0778+0.0104i	0.0223-0.0069i	0.0237-0.0078i	0.0475-0.0097i	0.0392-0.0131i
26.0	-0.1371-0.0252i	0.1450+0.0291i	0.0723-0.0059i	-0.0719+0.0071i	0.0236-0.0069i	0.0249-0.0064i	0.0482-0.0080i	0.0415-0.0113i
26.1	-0.1106-0.0263i	0.1312+0.0244i	0.0716-0.0093i	-0.0689+0.0088i	0.0259-0.0059i	0.0279-0.0058i	0.0525-0.0061i	0.0461-0.0106i
26.2	-0.1063-0.0361i	0.1133+0.0396i	0.0716-0.0112i	-0.0684+0.0210i	0.0282-0.0078i	0.0296-0.0077i	0.0551-0.0101i	0.0459-0.0140i
26.3	-0.0928-0.0434i	0.1114+0.0483i	0.0756-0.0164i	-0.0680+0.0187i	0.0289-0.0087i	0.0299-0.0084i	0.0557-0.0111i	0.0477-0.0148i
26.4	-0.0745-0.0215i	0.0898+0.0188i	0.0816-0.0163i	-0.0769+0.0113i	0.0318-0.0053i	0.0328-0.0055i	0.0603-0.0070i	0.0519-0.0101i
26.5	-0.0781-0.0246i	0.0908+0.0267i	0.0773-0.0188i	-0.0581+0.0244i	0.0331-0.0072i	0.0330-0.0066i	0.0593-0.0090i	0.0534-0.0105i
26.6	-0.0629-0.0188i	0.0755+0.0220i	0.0699-0.0248i	-0.0717+0.0227i	0.0347-0.0064i	0.0357-0.0058i	0.0630-0.0080i	0.0571-0.0110i
26.7	-0.0609-0.0260i	0.0794+0.0282i	0.0665-0.0209i	-0.0660+0.0182i	0.0349-0.0067i	0.0362-0.0069i	0.0644-0.0093i	0.0575-0.0132i
26.8	-0.0550-0.0205i	0.0695+0.0227i	0.0674-0.0199i	-0.0551+0.0133i	0.0373-0.0078i	0.0378-0.0066i	0.0684-0.0102i	0.0633-0.0128i
26.9	-0.0254-0.0200i	0.0474+0.0217i	0.0775-0.0243i	-0.0650+0.0184i	0.0401-0.0073i	0.0412-0.0069i	0.0709-0.0102i	0.0647-0.0119i
27.0	-0.0221-0.0248i	0.0470+0.0278i	0.0768-0.0309i	-0.0738+0.0209i	0.0416-0.0082i	0.0428-0.0073i	0.0727-0.0110i	0.0673-0.0132i
27.1	0.0041-0.0278i	0.0206+0.0357i	0.0664-0.0444i	-0.0671+0.0358i	0.0444-0.0096i	0.0464-0.0083i	0.0763-0.0127i	0.0722-0.0152i
27.2	-0.0059-0.0310i	0.0333+0.0314i	0.0653-0.0253i	-0.0501+0.0241i	0.0438-0.0097i	0.0448-0.0084i	0.0743-0.0126i	0.0696-0.0132i
27.3	0.0184-0.0324i	0.0124+0.0295i	0.0590-0.0275i	-0.0439+0.0210i	0.0466-0.0081i	0.0486-0.0074i	0.0799-0.0128i	0.0753-0.0134i
27.4	0.0308-0.0405i	-0.0067+0.0412i	0.0523-0.0426i	-0.0506+0.0351i	0.0488-0.0097i	0.0506-0.0088i	0.0808-0.0135i	0.0774-0.0151i
27.5	0.0369-0.0381i	-0.0166+0.0395i	0.0660-0.0424i	-0.0586+0.0402i	0.0514-0.0098i	0.0520-0.0095i	0.0821-0.0148i	0.0827-0.0154i
27.6	0.0435-0.0388i	-0.0177+0.0533i	0.0460-0.0407i	-0.0403+0.0380i	0.0513-0.0114i	0.0533-0.0091i	0.0851-0.0156i	0.0846-0.0185i
27.7	0.0360-0.0325i	-0.0101+0.0361i	0.0386-0.0365i	-0.0289+0.0323i	0.0521-0.0087i	0.0529-0.0091i	0.0848-0.0133i	0.0839-0.0169i
27.8	0.0494-0.0404i	-0.0155+0.0399i	0.0336-0.0267i	-0.0130+0.0264i	0.0527-0.0089i	0.0539-0.0099i	0.0883-0.0131i	0.0846-0.0168i
27.9	0.0641-0.0586i	-0.0333+0.0617i	0.0299-0.0368i	-0.0113+0.0423i	0.0564-0.0123i	0.0580-0.0120i	0.0931-0.0162i	0.0904-0.0233i
28.0	0.0825-0.0408i	-0.0562+0.0434i	0.0271-0.0269i	-0.0062+0.0242i	0.0595-0.0096i	0.0611-0.0093i	0.0970-0.0133i	0.0928-0.0178i
28.1	0.0942-0.0305i	-0.0623+0.0227i	0.0334-0.0218i	-0.0167+0.0139i	0.0622-0.0087i	0.0637-0.0077i	0.1004-0.0110i	0.0991-0.0170i
28.2	0.1076-0.0441i	-0.0768+0.0502i	0.0334-0.0301i	-0.0147+0.0214i	0.0654-0.0098i	0.0667-0.0085i	0.1050-0.0122i	0.1040-0.0183i
28.3	0.1098-0.0550i	-0.0742+0.0605i	0.0298-0.0233i	-0.0090+0.0213i	0.0657-0.0133i	0.0673-0.0122i	0.1051-0.0172i	0.1029-0.0230i
28.4	0.1164-0.0542i	-0.0727+0.0557i	0.0357-0.0287i	0.0038+0.0153i	0.0663-0.0126i	0.0678-0.0125i	0.1072-0.0172i	0.1016-0.0237i
28.5	0.1248-0.0459i	-0.0792+0.0396i	0.0217-0.0146i	0.0085+0.0035i	0.0670-0.0115i	0.0674-0.0100i	0.1080-0.0153i	0.1024-0.0211i
28.6	0.1316-0.0552i	-0.0913+0.0506i	0.0219-0.0131i	-0.0024+0.0030i	0.0692-0.0125i	0.0706-0.0125i	0.1108-0.0171i	0.1080-0.0262i
28.7	0.1576-0.0616i	-0.1113+0.0566i	0.0273-0.0122i	0.0009-0.0032i	0.0737-0.0138i	0.0755-0.0135i	0.1178-0.0203i	0.1145-0.0253i
28.8	0.1561-0.0655i	-0.1191+0.0638i	0.0299-0.0162i	0.0058+0.0070i	0.0743-0.0147i	0.0757-0.0128i	0.1189-0.0203i	0.1154-0.0270i
28.9	0.1602-0.0634i	-0.1149+0.0558i	0.0332-0.0055i	0.0016-0.0136i	0.0759-0.0146i	0.0775-0.0128i	0.1196-0.0207i	0.1176-0.0243i
29.0	0.1701-0.0721i	-0.1198+0.0635i	0.0319-0.0051i	-0.0015-0.0133i	0.0773-0.0162i	0.0792-0.0143i	0.1216-0.0216i	0.1191-0.0274i
29.1	0.1945-0.0833i	-0.1420+0.0751i	0.0462-0.0107i	-0.0102-0.0090i	0.0814-0.0179i	0.0844-0.0167i	0.1282-0.0244i	0.1262-0.0318i
29.2	0.2041-0.0902i	-0.1505+0.0831i	0.0389-0.0163i	-0.0154-0.0075i	0.0855-0.0200i	0.0878-0.0184i	0.1332-0.0279i	0.1326-0.0363i
29.3	0.2138-0.1055i	-0.1645+0.1073i	0.0403-0.0181i	-0.0121+0.0010i	0.0867-0.0228i	0.0910-0.0202i	0.1371-0.0319i	0.1361-0.0403i
29.4	0.2080-0.1039i	-0.1502+0.1042i	0.0344-0.0149i	0.0016+0.0019i	0.0849-0.0225i	0.0891-0.0220i	0.1353-0.0312i	0.1340-0.0416i
29.5	0.2024-0.1064i	-0.1499+0.0971i	0.0344-0.0061i	-0.0031-0.0129i	0.0842-0.0229i	0.0879-0.0213i	0.1329-0.0316i	0.1302-0.0391i
29.6	0.2060-0.1072i	-0.1483+0.0989i	0.0299-0.0098i	0.0014-0.0194i	0.0854-0.0235i	0.0877-0.0211i	0.1349-0.0320i	0.1310-0.0401i
29.7	0.2063-0.1072i	-0.1418+0.1088i	0.0290-0.0152i	0.0124+0.0003i	0.0866-0.0240i	0.0909-0.0233i	0.1388-0.0333i	0.1353-0.0418i
29.8	0.2249-0.1108i	-0.1656+0.1089i	0.0367-0.0279i	-0.0092-0.0048i	0.0914-0.0238i	0.0950-0.0232i	0.1428-0.0334i	0.1429-0.0433i
29.9	0.2247-0.1210i	-0.1541+0.1079i	0.0323-0.0177i	0.0057-0.0198i	0.0912-0.0255i	0.0961-0.0239i	0.1447-0.0360i	0.1425-0.0444i
30.0	0.2182-0.1152i	-0.1506+0.1017i	0.0335-0.0109i	0.0154-0.0303i	0.0907-0.0246i	0.0948-0.0235i	0.1445-0.0355i	0.1388-0.0430i
30.1	0.2412-0.1130i	-0.1649+0.0819i	0.0399-0.0077i	-0.0025-0.0410i	0.0958-0.0237i	0.1002-0.0213i	0.1514-0.0352i	0.1478-0.0412i
30.2	0.2460-0.1146i	-0.1689+0.0825i	0.0322-0.0045i	0.0053-0.0432i	0.0969-0.0242i	0.1023-0.0227i	0.1548-0.0359i	0.1491-0.0419i
30.3	0.2532-0.1203i	-0.1683+0.0832i	0.0313-0.0094i	0.0068-0.0420i	0.0959-0.0261i	0.1011-0.0251i	0.1543-0.0376i	0.1471-0.0453i
30.4	0.2585-0.1280i	-0.1806+0.0970i	0.0265-0.0230i	0.0085-0.0252i	0.0981-0.0291i	0.1045-0.0291i	0.1572-0.0438i	0.1509-0.0494i
30.5	0.2552-0.1235i	-0.1792+0.0925i	0.0127-0.0131i	0.0247-0.0351i	0.1000-0.0265i	0.1055-0.0264i	0.1604-0.0417i	0.1513-0.0464i
30.6	0.2753-0.1298i	-0.1944+0.0951i	0.0208-0.0208i	0.0170-0.0259i	0.1038-0.0290i	0.1102-0.0275i	0.1667-0.0456i	0.1604-0.0482i
30.7	0.2865-0.1521i	-0.1978+0.1070i	0.0232-0.0223i	0.0020-0.0406i	0.1073-0.0333i	0.1145-0.0328i	0.1702-0.0531i	0.1677-0.0545i
30.8	0.2782-0.1662i	-0.1968+0.1142i	0.0200-0.0181i	0.0080-0.0401i	0.1077-0.0367i	0.1136-0.0369i	0.1680-0.0584i	0.1654-0.0630i

30.9	0.2753-0.1629i	-0.2001+0.1214i	0.0059-0.0451i	0.0216-0.0037i	0.1067-0.0375i	0.1121-0.0378i	0.1677-0.0577i	0.1627-0.0633i
31.0	0.2963-0.1570i	-0.2135+0.1061i	0.0112-0.0317i	0.0033-0.0228i	0.1082-0.0361i	0.1160-0.0352i	0.1720-0.0561i	0.1678-0.0610i
31.1	0.3026-0.1477i	-0.2345+0.0941i	0.0222-0.0194i	-0.0148-0.0364i	0.1139-0.0345i	0.1211-0.0346i	0.1783-0.0560i	0.1759-0.0586i
31.2	0.3026-0.1517i	-0.2324+0.0851i	0.0348-0.0051i	-0.0164-0.0612i	0.1148-0.0359i	0.1220-0.0356i	0.1794-0.0584i	0.1784-0.0574i
31.3	0.3116-0.1482i	-0.2335+0.1041i	0.0235-0.0155i	0.0025-0.0293i	0.1141-0.0353i	0.1221-0.0376i	0.1807-0.0573i	0.1754-0.0604i
31.4	0.3051-0.1452i	-0.2293+0.0980i	0.0082-0.0254i	0.0132-0.0329i	0.1135-0.0343i	0.1226-0.0362i	0.1818-0.0565i	0.1762-0.0591i
31.5	0.3250-0.1404i	-0.2608+0.0714i	0.0648+0.0059i	-0.0615-0.0615i	0.1203-0.0314i	0.1289-0.0330i	0.1857-0.0525i	0.1912-0.0526i
31.6	0.3493-0.1350i	-0.2873+0.0577i	0.0860+0.0216i	-0.0856-0.0885i	0.1260-0.0297i	0.1345-0.0316i	0.1914-0.0530i	0.2007-0.0493i
31.7	0.3489-0.1497i	-0.2583+0.0676i	0.0394+0.0420i	-0.0220-0.1093i	0.1239-0.0341i	0.1307-0.0349i	0.1884-0.0617i	0.1955-0.0517i
31.8	0.3623-0.1514i	-0.2836+0.0780i	0.0525+0.0122i	-0.0429-0.0694i	0.1291-0.0335i	0.1371-0.0364i	0.1988-0.0572i	0.2045-0.0572i
31.9	0.3734-0.1563i	-0.2793+0.0923i	0.0170-0.0005i	-0.0089-0.0585i	0.1301-0.0370i	0.1383-0.0389i	0.2023-0.0625i	0.2027-0.0615i
32.0	0.3798-0.1619i	-0.2818+0.0900i	0.0294+0.0288i	0.0066-0.0844i	0.1325-0.0367i	0.1401-0.0375i	0.2024-0.0653i	0.2065-0.0572i
32.1	0.3958-0.1646i	-0.3035+0.0891i	0.0530+0.0240i	-0.0270-0.0786i	0.1350-0.0385i	0.1430-0.0406i	0.2071-0.0679i	0.2129-0.0622i
32.2	0.3926-0.1576i	-0.2835+0.0739i	0.0570+0.0460i	-0.0200-0.1114i	0.1333-0.0350i	0.1427-0.0367i	0.2031-0.0646i	0.2150-0.0541i
32.3	0.4342-0.1732i	-0.3393+0.0811i	0.0605-0.0349i	-0.0456-0.0212i	0.1468-0.0398i	0.1564-0.0426i	0.2252-0.0675i	0.2319-0.0712i
32.4	0.4412-0.1895i	-0.3483+0.1060i	0.0554-0.0319i	-0.0446-0.0177i	0.1499-0.0443i	0.1596-0.0485i	0.2277-0.0758i	0.2365-0.0767i
32.5	0.4283-0.1911i	-0.3384+0.0937i	0.0684+0.0021i	-0.0459-0.0692i	0.1465-0.0429i	0.1556-0.0455i	0.2219-0.0723i	0.2345-0.0717i
32.6	0.4335-0.1839i	-0.3343+0.0903i	0.0552+0.0107i	-0.0281-0.0821i	0.1471-0.0418i	0.1552-0.0461i	0.2216-0.0726i	0.2356-0.0714i
32.7	0.4429-0.2041i	-0.3590+0.1108i	0.0381-0.0181i	-0.0259-0.0351i	0.1548-0.0487i	0.1649-0.0523i	0.2360-0.0828i	0.2461-0.0819i
32.8	0.4685-0.2163i	-0.3804+0.1190i	0.0315-0.0394i	-0.0234-0.0191i	0.1592-0.0486i	0.1700-0.0538i	0.2449-0.0851i	0.2509-0.0834i
32.9	0.4829-0.2134i	-0.3928+0.1093i	0.0464-0.0242i	-0.0351-0.0406i	0.1630-0.0496i	0.1739-0.0555i	0.2508-0.0825i	0.2562-0.0851i
33.0	0.4988-0.2139i	-0.4101+0.1129i	0.0587-0.0408i	-0.0508-0.0342i	0.1700-0.0493i	0.1793-0.0534i	0.2641-0.0805i	0.2624-0.0882i
33.1	0.4999-0.2281i	-0.4183+0.1206i	0.0420-0.0461i	-0.0389-0.0203i	0.1701-0.0529i	0.1801-0.0577i	0.2638-0.0901i	0.2640-0.0917i
33.2	0.4966-0.2380i	-0.4180+0.1290i	0.0377-0.0380i	-0.0386-0.0295i	0.1696-0.0550i	0.1792-0.0598i	0.2636-0.0920i	0.2630-0.0940i
33.3	0.5100-0.2396i	-0.4374+0.1332i	0.0359-0.0553i	-0.0510-0.0179i	0.1749-0.0544i	0.1859-0.0607i	0.2781-0.0955i	0.2687-0.0920i
33.4	0.5016-0.2399i	-0.4377+0.1375i	0.0156-0.0319i	-0.0245-0.0240i	0.1754-0.0531i	0.1861-0.0605i	0.2761-0.0960i	0.2683-0.0889i
33.5	0.5027-0.2237i	-0.4353+0.1385i	0.0172-0.0306i	-0.0247-0.0154i	0.1769-0.0522i	0.1868-0.0577i	0.2765-0.0951i	0.2754-0.0822i
33.6	0.5282-0.2101i	-0.4495+0.1340i	0.0143-0.0254i	-0.0208+0.0015i	0.1837-0.0479i	0.1951-0.0561i	0.2869-0.0968i	0.2868-0.0748i
33.7	0.5760-0.1818i	-0.4819+0.1221i	0.0256-0.0122i	-0.0245+0.0014i	0.1961-0.0384i	0.2079-0.0469i	0.3071-0.0875i	0.3095-0.0582i
33.8	0.6465-0.1824i	-0.5337+0.1290i	0.0528-0.0212i	-0.0308+0.0165i	0.2152-0.0409i	0.2290-0.0489i	0.3356-0.0934i	0.3375-0.0589i
33.9	0.6863-0.2009i	-0.5456+0.1381i	0.0638-0.0029i	-0.0306-0.0186i	0.2281-0.0453i	0.2411-0.0538i	0.3486-0.1019i	0.3605-0.0688i
34.0	0.7256-0.2452i	-0.5473+0.1588i	0.0684+0.0286i	0.0050-0.0437i	0.2359-0.0513i	0.2494-0.0623i	0.3570-0.1104i	0.3793-0.0820i
34.1	0.7937-0.2994i	-0.5950+0.2003i	0.0650-0.0092i	0.0151-0.0158i	0.2575-0.0652i	0.2716-0.0777i	0.3841-0.1368i	0.4137-0.1016i
34.2	0.8218-0.3724i	-0.6175+0.2382i	0.0880-0.0344i	0.0125-0.0176i	0.2717-0.0849i	0.2851-0.0987i	0.4043-0.1675i	0.4347-0.1361i
34.3	0.8421-0.4115i	-0.6395+0.2384i	0.1205-0.0472i	-0.0240-0.0295i	0.2811-0.0908i	0.2935-0.1052i	0.4158-0.1748i	0.4496-0.1477i
34.4	0.8489-0.4416i	-0.6327+0.2659i	0.1168-0.0601i	-0.0212-0.0381i	0.2811-0.1032i	0.2929-0.1171i	0.4138-0.1946i	0.4527-0.1631i
34.5	0.8591-0.5146i	-0.6488+0.3087i	0.1134-0.0869i	-0.0141-0.0250i	0.2898-0.1205i	0.3014-0.1377i	0.4224-0.2256i	0.4673-0.1909i
34.6	0.8238-0.5667i	-0.6209+0.3263i	0.0880-0.0860i	0.0022-0.0273i	0.2832-0.1329i	0.2948-0.1501i	0.4097-0.2432i	0.4577-0.2120i
34.7	0.8394-0.6226i	-0.6380+0.3578i	0.0982-0.1086i	0.0054-0.0263i	0.2943-0.1463i	0.3065-0.1657i	0.4255-0.2668i	0.4761-0.2339i
34.8	0.8471-0.6671i	-0.6388+0.3794i	0.0936-0.1227i	-0.0000-0.0237i	0.3014-0.1590i	0.3103-0.1797i	0.4310-0.2878i	0.4854-0.2509i
34.9	0.8371-0.7176i	-0.6579+0.3954i	0.0943-0.1534i	-0.0105-0.0166i	0.3054-0.1740i	0.3148-0.1945i	0.4354-0.3136i	0.4940-0.2782i
35.0	0.8199-0.7764i	-0.6507+0.4361i	0.0772-0.1558i	0.0152-0.0197i	0.3056-0.1931i	0.3130-0.2163i	0.4286-0.3436i	0.4989-0.3067i
35.1	0.7979-0.8214i	-0.6347+0.4580i	0.0714-0.1587i	0.0167-0.0324i	0.3061-0.2043i	0.3135-0.2289i	0.4226-0.3638i	0.5030-0.3231i
35.2	0.7737-0.8803i	-0.6325+0.4991i	0.0480-0.1667i	0.0192-0.0271i	0.3057-0.2246i	0.3112-0.2512i	0.4146-0.3961i	0.5067-0.3570i
35.3	0.7370-0.9369i	-0.6210+0.5245i	0.0258-0.1725i	0.0231-0.0427i	0.3035-0.2439i	0.3087-0.2704i	0.4068-0.4271i	0.5084-0.3858i
35.4	0.7122-0.9561i	-0.5993+0.5213i	0.0403-0.1604i	0.0214-0.0806i	0.3013-0.2513i	0.3042-0.2774i	0.3923-0.4339i	0.5075-0.3992i
35.5	0.6376-0.9769i	-0.5517+0.5351i	0.0338-0.1344i	0.0254-0.1172i	0.2851-0.2589i	0.2853-0.2860i	0.3592-0.4422i	0.4921-0.4211i
35.6	0.5825-1.0231i	-0.5430+0.5626i	0.0153-0.1409i	0.0286-0.1066i	0.2795-0.2813i	0.2764-0.3094i	0.3367-0.4728i	0.4868-0.4577i
35.7	0.5440-1.0449i	-0.5263+0.5775i	0.0033-0.1443i	0.0256-0.1106i	0.2723-0.2900i	0.2687-0.3186i	0.3206-0.4811i	0.4810-0.4764i
35.8	0.4937-1.0528i	-0.5069+0.5852i	-0.0025-0.1461i	0.0117-0.1201i	0.2610-0.2996i	0.2554-0.3265i	0.2980-0.4876i	0.4644-0.4962i
35.9	0.4496-1.0616i	-0.4803+0.5890i	0.0223-0.1559i	-0.0090-0.1300i	0.2565-0.3084i	0.2475-0.3345i	0.2803-0.4912i	0.4627-0.5213i
36.0	0.3897-1.0800i	-0.4657+0.5972i	-0.0099-0.1574i	-0.0085-0.1395i	0.2434-0.3218i	0.2328-0.3463i	0.2529-0.5035i	0.4430-0.5477i
36.1	0.3628-1.1095i	-0.4601+0.6253i	-0.0146-0.1576i	-0.0253-0.1309i	0.2408-0.3333i	0.2299-0.3599i	0.2420-0.5152i	0.4459-0.5750i
36.2	0.3155-1.0903i	-0.4430+0.6083i	-0.0159-0.1675i	-0.0315-0.1415i	0.2328-0.3348i	0.2201-0.3596i	0.2255-0.5063i	0.4345-0.5862i
36.3	0.2739-1.0744i	-0.4203+0.6112i	-0.0384-0.1685i	-0.0287-0.1419i	0.2213-0.3393i	0.2057-0.3625i	0.2033-0.5019i	0.4168-0.5989i
36.4	0.2345-1.0969i	-0.4275+0.6293i	-0.0477-0.1668i	-0.0441-0.1320i	0.2229-0.3532i	0.2082-0.3771i	0.1968-0.5096i	0.4255-0.6332i
36.5	0.2045-1.0977i	-0.4251+0.6267i	-0.0645-0.1725i	-0.0625-0.1301i	0.2208-0.3620i	0.2039-0.3842i	0.1932-0.5120i	0.4218-0.6587i
36.6	0.1624-1.0796i	-0.4132+0.6153i	-0.0690-0.1830i	-0.0765-0.1349i	0.2109-0.3672i	0.1946-0.3873i	0.1823-0.5025i	0.4031-0.6800i
36.7	0.1299-1.0783i	-0.4065+0.6370i	-0.1021-0.1794i	-0.0853-0.1175i	0.2052-0.3835i	0.1860-0.4033i	0.1704-0.5103i	0.3899-0.7216i
36.8	0.0839-1.0444i	-0.3851+0.6378i	-0.1192-0.1690i	-0.0612-0.1074i	0.1945-0.3851i	0.1744-0.4045i	0.1585-0.5005i	0.3660-0.7347i
36.9	0.0656-1.0606i	-0.3902+0.6619i	-0.1223-0.1646i	-0.0907-0.1123i	0.1914-0.4055i	0.1697-0.4234i	0.1550-0.5081i	0.3533-0.7837i
37.0	0.0216-1.0172i	-0.3603+0.6433i	-0.1327-0.1533i	-0.0820-0.1180i	0.1738-0.4098i	0.1523-0.4262i	0.1385-0.4984i	0.3149-0.8080i
37.1	0.0035-1.0166i	-0.3557+0.6543i	-0.1369-0.1375i	-0.0873-0.1218i	0.1682-0.4197i	0.1443-0.4340i	0.1319-0.4953i	0.2996-0.8384i

37.2	-0.0280-1.0148i	-0.3460+0.6612i	-0.1339-0.1332i	-0.0893-0.1246i	0.1594-0.4296i	0.1337-0.4438i	0.1294-0.4874i	0.2730-0.8733i
37.3	-0.0535-0.9983i	-0.3323+0.6663i	-0.1517-0.1285i	-0.0688-0.1179i	0.1483-0.4376i	0.1230-0.4504i	0.1262-0.4834i	0.2427-0.9044i
37.4	-0.0912-0.9946i	-0.3311+0.6829i	-0.1539-0.1506i	-0.1136-0.0988i	0.1378-0.4557i	0.1117-0.4661i	0.1268-0.4890i	0.2043-0.9484i
37.5	-0.1154-0.9728i	-0.3170+0.6608i	-0.1612-0.1360i	-0.1217-0.1191i	0.1238-0.4615i	0.0977-0.4699i	0.1312-0.4849i	0.1573-0.9734i
37.6	-0.1617-0.9380i	-0.2812+0.6659i	-0.1668-0.1049i	-0.1266-0.1226i	0.1008-0.4661i	0.0732-0.4721i	0.1286-0.4732i	0.0851-0.9906i
37.7	-0.1911-0.9203i	-0.2753+0.6716i	-0.1738-0.0972i	-0.1247-0.1290i	0.0840-0.4822i	0.0556-0.4855i	0.1367-0.4820i	0.0220-1.0255i
37.8	-0.2195-0.8895i	-0.2570+0.6768i	-0.1777-0.0618i	-0.1386-0.1447i	0.0736-0.4849i	0.0439-0.4854i	0.1490-0.4786i	-0.0261-1.0324i
37.9	-0.2470-0.8603i	-0.2402+0.6855i	-0.1798-0.0568i	-0.1615-0.1413i	0.0489-0.4895i	0.0204-0.4888i	0.1604-0.4994i	-0.1105-1.0213i
38.0	-0.2534-0.8094i	-0.2406+0.6684i	-0.1822-0.0456i	-0.1822-0.1204i	0.0324-0.4848i	0.0051-0.4812i	0.1728-0.5148i	-0.1763-0.9846i
38.1	-0.2919-0.7828i	-0.2245+0.6614i	-0.1663-0.0599i	-0.2233-0.0948i	0.0087-0.4829i	-0.0169-0.4746i	0.1771-0.5455i	-0.2550-0.9372i
38.2	-0.2781-0.7305i	-0.2274+0.6559i	-0.1413-0.0661i	-0.2481-0.0683i	-0.0006-0.4792i	-0.0242-0.4691i	0.1893-0.5671i	-0.2893-0.9031i
38.3	-0.2756-0.7206i	-0.2231+0.6682i	-0.1496-0.0744i	-0.2608-0.0367i	-0.0100-0.4858i	-0.0338-0.4742i	0.2039-0.6023i	-0.3355-0.8862i
38.4	-0.2848-0.6941i	-0.2127+0.6651i	-0.1633-0.0898i	-0.2527-0.0089i	-0.0245-0.4865i	-0.0450-0.4729i	0.1938-0.6424i	-0.3646-0.8411i
38.5	-0.2855-0.6744i	-0.1940+0.6659i	-0.1733-0.0760i	-0.2280+0.0036i	-0.0395-0.4890i	-0.0598-0.4742i	0.1696-0.6718i	-0.3859-0.8214i
38.6	-0.2971-0.6483i	-0.1907+0.6591i	-0.1793-0.0935i	-0.2366+0.0267i	-0.0520-0.4936i	-0.0716-0.4773i	0.1568-0.7217i	-0.4145-0.7766i
38.7	-0.3114-0.6011i	-0.1527+0.6455i	-0.2052-0.0880i	-0.2193+0.0482i	-0.0765-0.4829i	-0.0907-0.4663i	0.1168-0.7489i	-0.4378-0.7160i
38.8	-0.3066-0.5647i	-0.1216+0.6383i	-0.2203-0.0608i	-0.1916+0.0565i	-0.0974-0.4722i	-0.1121-0.4537i	0.0602-0.7666i	-0.4448-0.6617i
38.9	-0.3090-0.5298i	-0.1272+0.6313i	-0.2268-0.0589i	-0.1890+0.0675i	-0.1129-0.4709i	-0.1240-0.4506i	0.0123-0.7906i	-0.4461-0.6283i
39.0	-0.3049-0.5056i	-0.1172+0.6234i	-0.2237-0.0578i	-0.1958+0.0782i	-0.1276-0.4697i	-0.1343-0.4488i	-0.0280-0.8107i	-0.4433-0.6072i
39.1	-0.2942-0.4653i	-0.1082+0.5944i	-0.2519-0.0298i	-0.1750+0.0862i	-0.1441-0.4572i	-0.1472-0.4375i	-0.0793-0.8062i	-0.4355-0.5722i
39.2	-0.2848-0.4385i	-0.0917+0.5847i	-0.2772-0.0071i	-0.1481+0.0941i	-0.1606-0.4518i	-0.1639-0.4320i	-0.1296-0.8101i	-0.4386-0.5495i
39.3	-0.2755-0.4171i	-0.0876+0.5848i	-0.2558+0.0104i	-0.1565+0.0993i	-0.1747-0.4430i	-0.1754-0.4240i	-0.1699-0.8073i	-0.4365-0.5288i
39.4	-0.2607-0.3862i	-0.0773+0.5698i	-0.2750+0.0277i	-0.1329+0.1130i	-0.1911-0.4265i	-0.1884-0.4086i	-0.2188-0.7859i	-0.4335-0.4982i
39.5	-0.2562-0.3644i	-0.0603+0.5513i	-0.2681+0.0466i	-0.1121+0.1052i	-0.2068-0.4129i	-0.2026-0.3971i	-0.2659-0.7638i	-0.4324-0.4795i
39.6	-0.2326-0.3433i	-0.0498+0.5437i	-0.2554+0.0718i	-0.1127+0.1065i	-0.2244-0.3976i	-0.2187-0.3833i	-0.3126-0.7366i	-0.4392-0.4625i
39.7	-0.2097-0.3210i	-0.0551+0.5302i	-0.2446+0.0986i	-0.1035+0.1041i	-0.2381-0.3853i	-0.2290-0.3699i	-0.3498-0.7065i	-0.4399-0.4506i
39.8	-0.1984-0.2969i	-0.0552+0.5091i	-0.2408+0.0882i	-0.0815+0.1134i	-0.2444-0.3674i	-0.2372-0.3548i	-0.3737-0.6721i	-0.4348-0.4310i
39.9	-0.1747-0.2643i	-0.0406+0.4732i	-0.2295+0.1413i	-0.0601+0.0802i	-0.2462-0.3369i	-0.2393-0.3264i	-0.3817-0.6241i	-0.4344-0.3872i
40.0	-0.1660-0.2538i	-0.0453+0.4553i	-0.2002+0.1526i	-0.0662+0.0758i	-0.2560-0.3252i	-0.2481-0.3150i	-0.4182-0.5963i	-0.4259-0.3787i
40.1	-0.1477-0.2452i	-0.0502+0.4496i	-0.2001+0.1485i	-0.0696+0.0802i	-0.2648-0.3112i	-0.2547-0.3028i	-0.4374-0.5655i	-0.4269-0.3671i
40.2	-0.1143-0.2408i	-0.0526+0.4358i	-0.1659+0.1367i	-0.0827+0.0674i	-0.2643-0.2906i	-0.2540-0.2835i	-0.4475-0.5272i	-0.4154-0.3449i
40.3	-0.0886-0.2373i	-0.0663+0.4097i	-0.1319+0.1510i	-0.0973+0.0587i	-0.2605-0.2755i	-0.2485-0.2686i	-0.4454-0.5012i	-0.4057-0.3248i
40.4	-0.0623-0.2177i	-0.0767+0.3859i	-0.1259+0.1486i	-0.0955+0.0545i	-0.2572-0.2550i	-0.2469-0.2504i	-0.4428-0.4597i	-0.3966-0.3060i
40.5	-0.0553-0.2077i	-0.0931+0.3775i	-0.1350+0.1486i	-0.0802+0.0588i	-0.2579-0.2365i	-0.2467-0.2344i	-0.4472-0.4133i	-0.3915-0.2984i
40.6	-0.0389-0.2079i	-0.0882+0.3743i	-0.1414+0.1432i	-0.0748+0.0821i	-0.2533-0.2279i	-0.2425-0.2248i	-0.4440-0.3936i	-0.3833-0.2863i
40.7	-0.0221-0.2071i	-0.1104+0.3721i	-0.1210+0.1365i	-0.0893+0.0968i	-0.2542-0.2174i	-0.2418-0.2177i	-0.4500-0.3810i	-0.3801-0.2784i
40.8	-0.0039-0.2009i	-0.1255+0.3471i	-0.0991+0.1336i	-0.0953+0.0855i	-0.2413-0.2065i	-0.2310-0.2072i	-0.4306-0.3552i	-0.3631-0.2680i
40.9	0.0153-0.1801i	-0.1195+0.3419i	-0.1007+0.1350i	-0.0861+0.0810i	-0.2382-0.1943i	-0.2264-0.1948i	-0.4237-0.3336i	-0.3567-0.2519i
41.0	0.0398-0.1933i	-0.1422+0.3305i	-0.0916+0.1397i	-0.0876+0.0723i	-0.2333-0.1832i	-0.2213-0.1849i	-0.4178-0.3085i	-0.3462-0.2452i
41.1	0.0537-0.1911i	-0.1501+0.3182i	-0.0923+0.1354i	-0.0965+0.0886i	-0.2273-0.1741i	-0.2165-0.1755i	-0.4056-0.2855i	-0.3406-0.2334i
41.2	0.0601-0.1889i	-0.1587+0.3203i	-0.0975+0.1156i	-0.0756+0.0954i	-0.2217-0.1636i	-0.2094-0.1676i	-0.3919-0.2681i	-0.3328-0.2256i
41.3	0.0801-0.1847i	-0.1636+0.3289i	-0.1016+0.1298i	-0.0614+0.1036i	-0.2153-0.1527i	-0.2037-0.1580i	-0.3873-0.2465i	-0.3240-0.2176i
41.4	0.0848-0.1781i	-0.1689+0.3061i	-0.0974+0.1198i	-0.0499+0.1042i	-0.2016-0.1432i	-0.1922-0.1486i	-0.3626-0.2201i	-0.3103-0.2091i
41.5	0.0985-0.1849i	-0.1793+0.3056i	-0.0947+0.1269i	-0.0342+0.0960i	-0.1959-0.1339i	-0.1861-0.1402i	-0.3570-0.2061i	-0.3015-0.2001i
41.6	0.1203-0.1807i	-0.2060+0.2895i	-0.1001+0.1155i	-0.0448+0.0811i	-0.1911-0.1294i	-0.1826-0.1362i	-0.3455-0.1986i	-0.2921-0.1958i
41.7	0.1296-0.1740i	-0.2066+0.2994i	-0.0886+0.1278i	-0.0313+0.1014i	-0.1846-0.1294i	-0.1744-0.1377i	-0.3379-0.2011i	-0.2814-0.1948i
41.8	0.1650-0.1790i	-0.2184+0.2772i	-0.1010+0.1328i	-0.0372+0.0884i	-0.1723-0.1272i	-0.1635-0.1359i	-0.3179-0.1873i	-0.2661-0.2028i
41.9	0.1547-0.1803i	-0.2327+0.2989i	-0.0811+0.1374i	-0.0396+0.0900i	-0.1717-0.1307i	-0.1613-0.1398i	-0.3172-0.1923i	-0.2584-0.2079i
42.0	0.1895-0.1797i	-0.2529+0.2823i	-0.0870+0.1401i	-0.0387+0.1004i	-0.1647-0.1234i	-0.1558-0.1352i	-0.3063-0.1725i	-0.2505-0.2099i
42.1	0.2018-0.1851i	-0.2603+0.2621i	-0.0765+0.1256i	-0.0298+0.0805i	-0.1625-0.1234i	-0.1533-0.1343i	-0.3034-0.1683i	-0.2537-0.2089i
42.2	0.2144-0.1851i	-0.2954+0.2483i	-0.0825+0.1415i	-0.0534+0.0675i	-0.1489-0.1197i	-0.1393-0.1315i	-0.2744-0.1550i	-0.2395-0.2161i
42.3	0.2264-0.1966i	-0.3148+0.2779i	-0.0860+0.1407i	-0.0701+0.0817i	-0.1481-0.1211i	-0.1374-0.1360i	-0.2644-0.1563i	-0.2423-0.2192i
42.4	0.2345-0.1960i	-0.3107+0.2909i	-0.0772+0.1414i	-0.0581+0.1033i	-0.1472-0.1244i	-0.1405-0.1381i	-0.2631-0.1598i	-0.2479-0.2236i
42.5	0.2439-0.1984i	-0.3338+0.2857i	-0.0466+0.1549i	-0.0677+0.1013i	-0.1431-0.1177i	-0.1386-0.1323i	-0.2491-0.1504i	-0.2552-0.2143i
42.6	0.2644-0.2076i	-0.3530+0.2822i	-0.0651+0.1408i	-0.0570+0.1441i	-0.1390-0.1197i	-0.1313-0.1363i	-0.2390-0.1529i	-0.2491-0.2198i
42.7	0.2753-0.2161i	-0.3615+0.3154i	-0.0733+0.1382i	-0.0380+0.1632i	-0.1368-0.1236i	-0.1316-0.1418i	-0.2321-0.1600i	-0.2542-0.2253i
42.8	0.2850-0.2127i	-0.3522+0.3006i	-0.0601+0.1568i	-0.0163+0.1251i	-0.1397-0.1132i	-0.1348-0.1300i	-0.2324-0.1500i	-0.2604-0.2027i
42.9	0.2964-0.2096i	-0.3658+0.3053i	-0.0461+0.1468i	-0.0248+0.1204i	-0.1358-0.1083i	-0.1334-0.1246i	-0.2256-0.1480i	-0.2590-0.1883i
43.0	0.3159-0.2162i	-0.3994+0.3053i	-0.0494+0.1153i	-0.0286+0.1390i	-0.1229-0.1034i	-0.1201-0.1191i	-0.2151-0.1340i	-0.2329-0.1837i
43.1	0.3417-0.2303i	-0.4125+0.3329i	-0.0643+0.1327i	-0.0216+0.1693i	-0.1194-0.1117i	-0.1164-0.1286i	-0.2048-0.1433i	-0.2338-0.2000i
43.2	0.3517-0.2295i	-0.4103+0.3440i	-0.0530+0.1431i	0.0050+0.1809i	-0.1182-0.1162i	-0.1171-0.1336i	-0.1977-0.1545i	-0.2397-0.2045i
43.3	0.3561-0.2440i	-0.4142+0.3502i	-0.0572+0.1619i	0.0224+0.1532i	-0.1169-0.1128i	-0.1168-0.1314i	-0.1940-0.1532i	-0.2389-0.1963i
43.4	0.3654-0.2288i	-0.4276+0.3357i	-0.0188+0.1811i	0.0255+0.1129i	-0.1163-0.1059i	-0.1191-0.1227i	-0.1987-0.1496i	-0.2405-0.1723i

43.5	0.3906-0.2396i	-0.4562+0.3428i	-0.0409+0.1664i	0.0233+0.1158i	-0.1088-0.1027i	-0.1103-0.1207i	-0.1849-0.1426i	-0.2293-0.1710i
43.6	0.3841-0.2584i	-0.4209+0.3733i	-0.0314+0.1723i	0.0593+0.1161i	-0.1110-0.1002i	-0.1165-0.1173i	-0.1807-0.1406i	-0.2388-0.1604i
43.7	0.3971-0.2645i	-0.4296+0.3616i	-0.0321+0.1590i	0.0553+0.1372i	-0.1065-0.0990i	-0.1103-0.1145i	-0.1778-0.1418i	-0.2279-0.1547i
43.8	0.4147-0.2736i	-0.4527+0.3702i	-0.0173+0.1713i	0.0392+0.1587i	-0.1004-0.1047i	-0.1056-0.1229i	-0.1734-0.1491i	-0.2217-0.1705i
43.9	0.4266-0.2656i	-0.4399+0.3842i	0.0026+0.1910i	0.0607+0.1273i	-0.1034-0.1055i	-0.1098-0.1236i	-0.1765-0.1537i	-0.2215-0.1678i
44.0	0.4374-0.2899i	-0.4483+0.3691i	0.0140+0.1657i	0.0731+0.1276i	-0.1041-0.1009i	-0.1104-0.1198i	-0.1813-0.1473i	-0.2235-0.1597i
44.1	0.4581-0.2879i	-0.4565+0.3844i	0.0265+0.1457i	0.0806+0.1305i	-0.1043-0.0937i	-0.1100-0.1112i	-0.1807-0.1347i	-0.2193-0.1475i
44.2	0.4570-0.2955i	-0.4585+0.3827i	0.0318+0.1217i	0.0803+0.1328i	-0.1006-0.0887i	-0.1075-0.1036i	-0.1753-0.1230i	-0.2159-0.1354i
44.3	0.4739-0.2912i	-0.4651+0.3733i	-0.0040+0.1337i	0.1095+0.0914i	-0.0907-0.0814i	-0.0987-0.0951i	-0.1564-0.1181i	-0.2027-0.1141i
44.4	0.4858-0.3120i	-0.4864+0.3891i	-0.0085+0.1519i	0.1114+0.0954i	-0.0855-0.0826i	-0.0940-0.1007i	-0.1515-0.1261i	-0.1907-0.1188i
44.5	0.5024-0.3313i	-0.4948+0.3866i	0.0131+0.1726i	0.1024+0.0792i	-0.0831-0.0849i	-0.0911-0.0991i	-0.1570-0.1288i	-0.1834-0.1121i
44.6	0.5021-0.3301i	-0.4915+0.3980i	0.0141+0.1338i	0.1046+0.0958i	-0.0793-0.0843i	-0.0875-0.0980i	-0.1522-0.1247i	-0.1704-0.1194i
44.7	0.5058-0.3434i	-0.5016+0.3953i	0.0288+0.1251i	0.1175+0.0919i	-0.0764-0.0857i	-0.0872-0.1007i	-0.1505-0.1231i	-0.1693-0.1220i
44.8	0.5222-0.3448i	-0.4950+0.3901i	0.0553+0.1384i	0.1272+0.0796i	-0.0782-0.0807i	-0.0882-0.0951i	-0.1544-0.1165i	-0.1674-0.1073i
44.9	0.5439-0.3655i	-0.5202+0.3902i	0.0420+0.1208i	0.1089+0.0720i	-0.0690-0.0807i	-0.0783-0.0937i	-0.1449-0.1139i	-0.1478-0.1088i
45.0	0.5388-0.3628i	-0.5037+0.3783i	0.0478+0.1478i	0.1143+0.0168i	-0.0635-0.0723i	-0.0735-0.0844i	-0.1392-0.1050i	-0.1345-0.0934i
45.1	0.5500-0.3735i	-0.5480+0.4190i	0.0454+0.0779i	0.1028+0.0592i	-0.0523-0.0725i	-0.0623-0.0852i	-0.1224-0.0937i	-0.1165-0.1037i
45.2	0.5823-0.3899i	-0.5572+0.4349i	0.0286+0.0824i	0.1433+0.0921i	-0.0575-0.0764i	-0.0666-0.0900i	-0.1278-0.1017i	-0.1230-0.1126i
45.3	0.5835-0.3994i	-0.5476+0.4174i	0.0321+0.0734i	0.1560+0.0550i	-0.0514-0.0695i	-0.0610-0.0821i	-0.1228-0.0911i	-0.1083-0.0988i
45.4	0.6079-0.3980i	-0.5935+0.3938i	0.0732+0.0739i	0.0892+0.0745i	-0.0396-0.0739i	-0.0498-0.0876i	-0.1142-0.0923i	-0.0818-0.1120i
45.5	0.6601-0.4053i	-0.6037+0.4045i	0.0467+0.0850i	0.1076+0.0952i	-0.0350-0.0797i	-0.0440-0.0940i	-0.1091-0.0988i	-0.0793-0.1267i
45.6	0.6552-0.4329i	-0.6275+0.4563i	0.0327+0.0912i	0.1660+0.0489i	-0.0338-0.0765i	-0.0460-0.0895i	-0.1006-0.0902i	-0.0788-0.1209i
45.7	0.6504-0.4546i	-0.6241+0.4354i	0.0139+0.1115i	0.1549+0.0262i	-0.0224-0.0742i	-0.0343-0.0861i	-0.0843-0.0860i	-0.0644-0.1173i
45.8	0.6590-0.4608i	-0.6234+0.4289i	0.0414+0.1069i	0.1254+0.0033i	-0.0174-0.0718i	-0.0293-0.0832i	-0.0769-0.0833i	-0.0518-0.1123i
45.9	0.6800-0.4640i	-0.6219+0.4466i	0.0052+0.0989i	0.1715+0.0212i	-0.0084-0.0694i	-0.0210-0.0819i	-0.0664-0.0775i	-0.0398-0.1136i
46.0	0.7041-0.4909i	-0.6710+0.4604i	0.0180+0.0928i	0.1611-0.0007i	0.0003-0.0763i	-0.0127-0.0876i	-0.0544-0.0830i	-0.0245-0.1299i
46.1	0.7058-0.5357i	-0.7047+0.4975i	0.0399+0.0995i	0.1437-0.0028i	0.0063-0.0817i	-0.0071-0.0955i	-0.0440-0.0839i	-0.0124-0.1409i
46.2	0.7321-0.5407i	-0.7292+0.5013i	0.0182+0.1438i	0.1246-0.0346i	0.0145-0.0838i	0.0002-0.0984i	-0.0340-0.0953i	0.0002-0.1453i
46.3	0.7373-0.5758i	-0.7354+0.5545i	0.0119+0.1340i	0.1717-0.0145i	0.0207-0.0895i	0.0059-0.1040i	-0.0288-0.0973i	0.0064-0.1609i
46.4	0.7463-0.5915i	-0.7303+0.5827i	0.0299+0.1148i	0.1788-0.0304i	0.0251-0.0952i	0.0078-0.1073i	-0.0191-0.0955i	0.0166-0.1673i
46.5	0.7772-0.6486i	-0.7547+0.6044i	0.0247+0.0674i	0.1860-0.0009i	0.0259-0.0966i	0.0089-0.1081i	-0.0159-0.0902i	0.0177-0.1812i
46.6	0.7540-0.6722i	-0.7549+0.6290i	0.0340+0.1302i	0.1657-0.0676i	0.0355-0.1012i	0.0181-0.1099i	-0.0050-0.1059i	0.0285-0.1837i
46.7	0.7684-0.6572i	-0.7668+0.6119i	0.0826+0.0909i	0.1254-0.0749i	0.0400-0.1050i	0.0229-0.1130i	0.0053-0.1029i	0.0389-0.1966i
46.8	0.7904-0.7209i	-0.7708+0.6493i	0.0941+0.0752i	0.1398-0.0460i	0.0438-0.1081i	0.0264-0.1181i	0.0078-0.1003i	0.0406-0.2035i
46.9	0.7889-0.7622i	-0.7986+0.6524i	0.0437+0.0208i	0.1293-0.0469i	0.0563-0.1053i	0.0386-0.1156i	0.0283-0.0928i	0.0602-0.2037i
47.0	0.7762-0.7705i	-0.8111+0.6954i	0.0530+0.0783i	0.0921-0.0601i	0.0627-0.1181i	0.0455-0.1270i	0.0297-0.1112i	0.0678-0.2220i
47.1	0.8060-0.8331i	-0.8433+0.7624i	0.0666+0.0327i	0.0938-0.0455i	0.0713-0.1324i	0.0510-0.1407i	0.0412-0.1220i	0.0917-0.2579i
47.2	0.7949-0.8546i	-0.8497+0.7925i	0.0545+0.0562i	0.1152-0.0627i	0.0751-0.1401i	0.0543-0.1494i	0.0452-0.1214i	0.0933-0.2829i
47.3	0.7918-0.8600i	-0.8292+0.7656i	0.0451+0.0769i	0.0992-0.0860i	0.0789-0.1388i	0.0620-0.1455i	0.0573-0.1155i	0.1010-0.2828i
47.4	0.8074-0.9107i	-0.8519+0.8217i	0.0720+0.0366i	0.0991-0.0738i	0.0879-0.1531i	0.0690-0.1613i	0.0746-0.1309i	0.1146-0.3186i
47.5	0.8267-0.9500i	-0.8392+0.8814i	0.0547+0.0467i	0.0892-0.0771i	0.0873-0.1642i	0.0722-0.1718i	0.0791-0.1361i	0.1043-0.3484i
47.6	0.7962-0.9854i	-0.8373+0.9131i	0.0585+0.0187i	0.1024-0.0265i	0.0932-0.1703i	0.0730-0.1798i	0.0888-0.1320i	0.1017-0.3660i
47.7	0.7599-1.0228i	-0.8283+0.9574i	-0.0108+0.0536i	0.1414-0.0545i	0.0942-0.1790i	0.0729-0.1865i	0.1013-0.1359i	0.0923-0.3828i
47.8	0.7136-1.0602i	-0.7690+1.0244i	0.0295+0.1557i	0.1492-0.1704i	0.0886-0.1956i	0.0694-0.1996i	0.1134-0.1589i	0.0857-0.4027i
47.9	0.7143-1.0609i	-0.7667+0.9972i	0.0755+0.0952i	0.0521-0.1084i	0.0949-0.1912i	0.0732-0.1969i	0.1243-0.1405i	0.0798-0.4068i
48.0	0.7223-1.1098i	-0.7947+1.0724i	0.0206+0.0645i	0.0677-0.1214i	0.1010-0.2114i	0.0807-0.2164i	0.1454-0.1670i	0.0692-0.4494i
48.1	0.6849-1.1885i	-0.7408+1.1160i	0.0808+0.0593i	0.0954-0.0997i	0.1003-0.2270i	0.0761-0.2295i	0.1607-0.1888i	0.0597-0.4751i
48.2	0.6374-1.1648i	-0.7006+1.1326i	0.0709+0.0333i	0.0815-0.0605i	0.0933-0.2283i	0.0704-0.2323i	0.1545-0.1895i	0.0415-0.4783i
48.3	0.6560-1.1436i	-0.7030+1.0782i	0.0891+0.0468i	0.0741-0.0774i	0.0988-0.2212i	0.0766-0.2272i	0.1725-0.1810i	0.0441-0.4722i
48.4	0.6036-1.1902i	-0.6707+1.1164i	0.1088+0.0219i	0.0232-0.0961i	0.0956-0.2339i	0.0749-0.2373i	0.1842-0.1948i	0.0191-0.4931i
48.5	0.5993-1.2251i	-0.6785+1.1233i	0.0685-0.0363i	0.0262-0.0501i	0.1007-0.2437i	0.0799-0.2474i	0.2127-0.2140i	0.0112-0.5142i
48.6	0.6095-1.1877i	-0.7150+1.0795i	0.1246-0.0195i	-0.0029-0.0029i	0.1119-0.2393i	0.0868-0.2479i	0.2312-0.2159i	0.0054-0.4999i
48.7	0.5636-1.1614i	-0.6470+1.0903i	0.0565-0.0194i	0.0342-0.0259i	0.1057-0.2440i	0.0811-0.2506i	0.2349-0.2346i	-0.0102-0.4864i
48.8	0.5312-1.2260i	-0.6099+1.1428i	0.0187-0.0449i	0.1392-0.0452i	0.1036-0.2618i	0.0769-0.2643i	0.2525-0.2613i	-0.0237-0.5135i
48.9	0.5289-1.1737i	-0.5922+1.0908i	-0.0016+0.0369i	0.1122-0.0935i	0.1054-0.2565i	0.0803-0.2598i	0.2605-0.2658i	-0.0339-0.5001i
49.0	0.5033-1.1913i	-0.5835+1.1192i	0.0105+0.0613i	0.1316-0.1222i	0.1084-0.2631i	0.0833-0.2649i	0.2724-0.2849i	-0.0434-0.4948i
49.1	0.5094-1.2296i	-0.6131+1.1533i	-0.0085-0.0128i	0.1430-0.0751i	0.1164-0.2843i	0.0878-0.2855i	0.2917-0.3193i	-0.0330-0.5223i
49.2	0.5057-1.2403i	-0.5488+1.1641i	-0.0344+0.0413i	0.2107-0.0902i	0.1107-0.2936i	0.0831-0.2928i	0.2951-0.3435i	-0.0448-0.5231i
49.3	0.5118-1.2709i	-0.6561+1.2119i	-0.0522+0.0451i	0.1303-0.1080i	0.1183-0.3074i	0.0891-0.3047i	0.3008-0.3729i	-0.0542-0.5378i
49.4	0.5428-1.2695i	-0.7133+1.1586i	0.0226+0.0329i	0.0445-0.1649i	0.1371-0.3064i	0.1080-0.3066i	0.3338-0.3867i	-0.0340-0.5356i
49.5	0.6290-1.2800i	-0.7427+1.1943i	0.0375+0.0612i	0.0964-0.1174i	0.1673-0.3165i	0.1324-0.3171i	0.3775-0.3973i	0.0124-0.5419i
49.6	0.5478-1.3720i	-0.7203+1.2882i	-0.0722+0.0388i	0.1067-0.1624i	0.1512-0.3533i	0.1182-0.3483i	0.3585-0.4636i	-0.0264-0.5880i
49.7	0.5290-1.4182i	-0.6735+1.2947i	0.0087+0.0436i	0.1035-0.2378i	0.1445-0.3709i	0.1133-0.3617i	0.3585-0.5031i	-0.0287-0.6038i

49.8	0.5093−1.3931i	−0.6028+1.3976i	0.0278+0.1223i	0.1157−0.1424i	0.1454−0.3849i	0.1135−0.3745i	0.3630−0.5217i	−0.0404−0.5954i
49.9	0.5456−1.5066i	−0.6629+1.3619i	0.0634−0.0804i	0.1184−0.1911i	0.1543−0.4159i	0.1228−0.3998i	0.3849−0.5796i	−0.0102−0.6582i
50.0	0.5541−1.4705i	−0.7612+1.4388i	0.0234−0.0233i	0.0333−0.1313i	0.1726−0.4246i	0.1388−0.4120i	0.3935−0.5981i	−0.0100−0.6645i
50.1	0.5374−1.5438i	−0.8015+1.4495i	0.0297+0.0413i	0.0595−0.2047i	0.1808−0.4458i	0.1448−0.4329i	0.4185−0.6410i	−0.0044−0.6879i
50.2	0.5308−1.6264i	−0.6101+1.6138i	0.0810−0.0084i	0.2156−0.2071i	0.1587−0.5006i	0.1261−0.4795i	0.4103−0.7263i	−0.0169−0.7457i
50.3	0.4409−1.6804i	−0.6391+1.6130i	0.0491+0.0162i	0.0227−0.2063i	0.1431−0.5157i	0.1120−0.4928i	0.3682−0.7604i	−0.0603−0.7526i
50.4	0.4201−1.7067i	−0.6175+1.6295i	0.0187−0.0325i	0.0069−0.1515i	0.1349−0.5384i	0.1060−0.5141i	0.3573−0.7974i	−0.0832−0.7793i
50.5	0.3203−1.6933i	−0.5291+1.6544i	−0.0695+0.0041i	0.0621−0.1834i	0.1024−0.5460i	0.0784−0.5189i	0.3184−0.8260i	−0.1310−0.7702i
50.6	0.3707−1.7326i	−0.5980+1.6808i	−0.0232−0.0125i	−0.0027−0.2358i	0.1173−0.5681i	0.0963−0.5410i	0.3361−0.8701i	−0.1008−0.8051i
50.7	0.3349−1.8055i	−0.5478+1.7350i	−0.0203−0.0144i	−0.0059−0.2169i	0.1098−0.6027i	0.0863−0.5753i	0.3247−0.9290i	−0.1257−0.8505i
50.8	0.3013−1.7830i	−0.4991+1.7450i	−0.0237−0.0471i	−0.0178−0.2067i	0.0854−0.6134i	0.0642−0.5816i	0.2861−0.9500i	−0.1524−0.8519i
50.9	0.2711−1.7796i	−0.4303+1.7227i	−0.0741−0.0137i	0.0307−0.2242i	0.0643−0.6179i	0.0493−0.5912i	0.2577−0.9755i	−0.1743−0.8509i
51.0	0.2568−1.8644i	−0.4441+1.8546i	−0.0845−0.0601i	0.0138−0.1892i	0.0639−0.6607i	0.0495−0.6296i	0.2548−1.0398i	−0.1860−0.9064i
51.1	0.2215−1.9537i	−0.4504+1.9062i	−0.1085−0.0225i	0.0040−0.2975i	0.0504−0.7016i	0.0346−0.6665i	0.2309−1.1093i	−0.2074−0.9514i
51.2	0.1360−1.9935i	−0.3313+1.8982i	−0.0491−0.0104i	−0.0128−0.2883i	0.0105−0.7191i	0.0005−0.6831i	0.1746−1.1485i	−0.2525−0.9591i
51.3	0.0386−2.0883i	−0.2473+2.1114i	−0.1137−0.0430i	−0.0465−0.2394i	−0.0343−0.7768i	−0.0400−0.7391i	0.1092−1.2407i	−0.3237−1.0296i
51.4	0.0311−2.1425i	−0.1899+2.1053i	−0.0833−0.0354i	−0.0695−0.1731i	−0.0621−0.7988i	−0.0658−0.7609i	0.0658−1.2826i	−0.3610−1.0489i
51.5	−0.1089−2.1547i	−0.1072+2.1308i	−0.1824−0.0808i	−0.0144−0.1820i	−0.1167−0.8077i	−0.1100−0.7689i	−0.0087−1.3023i	−0.4365−1.0569i
51.6	−0.1448−2.1672i	0.0166+2.2107i	−0.2308−0.0094i	−0.0604−0.1383i	−0.1532−0.8200i	−0.1403−0.7855i	−0.0696−1.3307i	−0.4985−1.0561i
51.7	−0.2797−2.2686i	0.0667+2.2600i	−0.2761−0.0444i	−0.0940−0.1585i	−0.1975−0.8421i	−0.1808−0.8102i	−0.1311−1.3893i	−0.5625−1.0815i
51.8	−0.2996−2.3314i	0.1394+2.2968i	−0.2907−0.0083i	−0.0807−0.0989i	−0.2205−0.8422i	−0.1995−0.8201i	−0.1702−1.4037i	−0.5839−1.0694i
51.9	−0.4246−2.4196i	0.1873+2.3182i	−0.2661+0.1227i	−0.0850−0.2066i	−0.2323−0.8588i	−0.2167−0.8464i	−0.2043−1.4708i	−0.5952−1.0739i
52.0	−0.7376−2.3613i	0.4437+2.3207i	−0.3670+0.1226i	−0.0087−0.1270i	−0.3296−0.8637i	−0.3148−0.8552i	−0.3728−1.4881i	−0.7186−1.0727i
52.1	−0.9134−2.2508i	0.6196+2.2819i	−0.3647+0.1894i	−0.0100−0.1666i	−0.3933−0.8616i	−0.3803−0.8494i	−0.4874−1.4865i	−0.8001−1.0552i
52.2	−0.9339−2.0894i	0.6412+2.1271i	−0.3797+0.2764i	0.0200−0.2117i	−0.4175−0.8167i	−0.4061−0.8123i	−0.5382−1.4278i	−0.8227−0.9925i
52.3	−0.9490−2.0738i	0.6633+2.1205i	−0.3017+0.3593i	−0.0056−0.2725i	−0.4287−0.8315i	−0.4199−0.8262i	−0.5693−1.4556i	−0.8385−1.0118i
52.4	−1.1061−1.9662i	0.8549+2.0548i	−0.2950+0.3795i	−0.0134−0.2486i	−0.5206−0.8081i	−0.5063−0.7986i	−0.7181−1.4205i	−0.9542−0.9641i
52.5	−1.2415−1.8789i	0.9863+2.0213i	−0.2675+0.3279i	−0.0693−0.1613i	−0.5923−0.7835i	−0.5732−0.7776i	−0.8476−1.3798i	−1.0382−0.9187i
52.6	−1.2261−1.8323i	0.9743+1.9818i	−0.1997+0.2832i	−0.1255−0.1228i	−0.6032−0.7711i	−0.5858−0.7656i	−0.8788−1.3471i	−1.0444−0.9118i
52.7	−1.1922−1.8189i	0.9501+1.9298i	−0.1985+0.3759i	−0.1084−0.1730i	−0.5995−0.7612i	−0.5846−0.7586i	−0.8821−1.3413i	−1.0389−0.8905i
52.8	−1.2361−1.8146i	0.9756+1.9350i	−0.0727+0.4392i	−0.2042−0.2186i	−0.6199−0.7587i	−0.6087−0.7600i	−0.9296−1.3449i	−1.0539−0.8906i
52.9	−1.3256−1.7214i	1.1156+1.8556i	−0.0649+0.3999i	−0.1915−0.1249i	−0.6814−0.7273i	−0.6692−0.7346i	−1.0379−1.2985i	−1.1285−0.8432i
53.0	−1.3764−1.6234i	1.1921+1.7740i	−0.0947+0.4335i	−0.1418−0.1187i	−0.7219−0.6833i	−0.7128−0.6966i	−1.1112−1.2332i	−1.1820−0.7831i
53.1	−1.4775−1.5472i	1.2513+1.7411i	−0.2150+0.3414i	−0.0483+0.0169i	−0.7793−0.6604i	−0.7665−0.6704i	−1.1945−1.1757i	−1.2628−0.7554i
53.2	−1.4642−1.4990i	1.2938+1.6453i	−0.1725+0.5752i	−0.0225−0.1627i	−0.7866−0.6309i	−0.7774−0.6475i	−1.2138−1.1557i	−1.2740−0.6967i
53.3	−1.4449−1.3655i	1.3086+1.5311i	−0.0354+0.6075i	−0.0704−0.1735i	−0.7951−0.5668i	−0.7925−0.5901i	−1.2511−1.0509i	−1.2612−0.6097i
53.4	−1.4536−1.2659i	1.3575+1.3960i	−0.0454+0.7067i	0.0075−0.2439i	−0.8203−0.5059i	−0.8199−0.5309i	−1.2955−0.9678i	−1.2988−0.5184i
53.5	−1.5361−1.2605i	1.4176+1.3845i	0.0918+0.6760i	−0.0707−0.2132i	−0.8616−0.4810i	−0.8707−0.5101i	−1.3896−0.9263i	−1.3428−0.4745i
53.6	−1.5899−1.2424i	1.4568+1.3487i	0.2184+0.5894i	−0.1290−0.1974i	−0.8819−0.4549i	−0.8967−0.4798i	−1.4447−0.8636i	−1.3564−0.4550i
53.7	−1.5787−1.2109i	1.4480+1.2907i	0.2146+0.5581i	−0.1024−0.1751i	−0.8708−0.4215i	−0.8880−0.4447i	−1.4213−0.7986i	−1.3435−0.4176i
53.8	−1.6416−1.1511i	1.4931+1.1968i	0.2884+0.6204i	−0.1343−0.2321i	−0.8637−0.3812i	−0.8916−0.4091i	−1.4323−0.7460i	−1.3262−0.3588i
53.9	−1.7651−0.9777i	1.5662+1.0565i	0.3622+0.6305i	−0.1495−0.2451i	−0.8867−0.3267i	−0.9217−0.3486i	−1.4881−0.6462i	−1.3445−0.2865i
54.0	−1.7758−0.7915i	1.5349+0.8998i	0.2746+0.5650i	−0.0525−0.2328i	−0.8820−0.2749i	−0.9186−0.2906i	−1.4738−0.5431i	−1.3551−0.2224i
54.1	−1.7149−0.6650i	1.5003+0.8276i	0.3308+0.4475i	−0.1009−0.1679i	−0.8730−0.2626i	−0.9128−0.2680i	−1.4594−0.5015i	−1.3502−0.2112i
54.2	−1.6885−0.6680i	1.4423+0.8383i	0.2569+0.4915i	−0.0685−0.2185i	−0.8890−0.2680i	−0.9262−0.2702i	−1.4777−0.5129i	−1.3810−0.2071i
54.3	−1.6253−0.4899i	1.4151+0.6787i	0.3715+0.5601i	−0.1380−0.3164i	−0.8806−0.1991i	−0.9154−0.1957i	−1.4732−0.4027i	−1.3511−0.0924i
54.4	−1.5091−0.4636i	1.3287+0.6392i	0.4722+0.5480i	−0.1942−0.3165i	−0.8345−0.1817i	−0.8745−0.1751i	−1.4139−0.3693i	−1.2779−0.0725i
54.5	−1.4621−0.4124i	1.3079+0.6117i	0.5846+0.4779i	−0.2550−0.3012i	−0.8397−0.1529i	−0.8815−0.1427i	−1.4357−0.3118i	−1.2714−0.0325i
54.6	−1.4231−0.3476i	1.2841+0.5539i	0.6465+0.5148i	−0.2677−0.3269i	−0.8426−0.1172i	−0.8876−0.1046i	−1.4549−0.2570i	−1.2749+0.0262i
54.7	−1.4141−0.2749i	1.2825+0.5011i	0.5392+0.4230i	−0.1860−0.2703i	−0.8559−0.0843i	−0.8966−0.0698i	−1.4566−0.1909i	−1.2980+0.0663i
54.8	−1.3793−0.2164i	1.2392+0.4529i	0.4603+0.4591i	−0.1751−0.3240i	−0.8459−0.0388i	−0.8808−0.0239i	−1.4313−0.1195i	−1.2874+0.1376i
54.9	−1.3713−0.1748i	1.2325+0.4251i	0.6392+0.4327i	−0.3177−0.3067i	−0.8482−0.0283i	−0.8803−0.0080i	−1.4434−0.0906i	−1.2716+0.1542i
55.0	−1.3302−0.1130i	1.2326+0.3741i	0.6553+0.3142i	−0.3247−0.2344i	−0.8416+0.0189i	−0.8746+0.0390i	−1.4408−0.0037i	−1.2586+0.2182i
55.1	−1.2332−0.0485i	1.1673+0.2967i	0.6906+0.2588i	−0.3586−0.2190i	−0.8056+0.0498i	−0.8374+0.0747i	−1.3846+0.0543i	−1.1947+0.2529i
55.2	−1.2072−0.0930i	1.1315+0.2859i	0.7676+0.1935i	−0.3872−0.2122i	−0.8044+0.0542i	−0.8426+0.0834i	−1.3944+0.0793i	−1.1954+0.2636i
55.3	−1.1402−0.0283i	1.1069+0.2477i	0.7456+0.1721i	−0.3597−0.1864i	−0.7767+0.0992i	−0.8104+0.1297i	−1.3461+0.1540i	−1.1488+0.3174i
55.4	−1.1274+0.0130i	1.0839+0.2132i	0.7436+0.0697i	−0.3516−0.1535i	−0.7784+0.1305i	−0.8109+0.1668i	−1.3437+0.2217i	−1.1446+0.3634i
55.5	−1.1236+0.0138i	1.0889+0.2049i	0.6463+0.0306i	−0.3361−0.1307i	−0.7863+0.1350i	−0.8137+0.1721i	−1.3413+0.2378i	−1.1674+0.3692i
55.6	−1.0744+0.1040i	1.0483+0.1496i	0.6958+0.0637i	−0.4119−0.1624i	−0.7558+0.1752i	−0.7802+0.2125i	−1.2873+0.2974i	−1.1132+0.4300i
55.7	−1.0354+0.1184i	1.0182+0.1260i	0.7130−0.0350i	−0.4004−0.0714i	−0.7478+0.2074i	−0.7707+0.2471i	−1.2719+0.3598i	−1.0949+0.4817i
55.8	−0.9648+0.1440i	0.9629+0.0694i	0.6965−0.1102i	−0.3799−0.0796i	−0.6990+0.2332i	−0.7189+0.2766i	−1.1910+0.4093i	−1.0184+0.4990i
55.9	−0.8864+0.1635i	0.9313+0.0045i	0.6857−0.1481i	−0.3708−0.0708i	−0.6781+0.2689i	−0.6978+0.3161i	−1.1575+0.4747i	−0.9850+0.5573i
56.0	−0.8297+0.1735i	0.8793+0.0110i	0.5888−0.1749i	−0.3403−0.0484i	−0.6401+0.2868i	−0.6517+0.3339i	−1.0807+0.5125i	−0.9212+0.5801i

56.1	-0.7624+0.1916i	0.7993+0.0149i	0.6367-0.0875i	-0.4051-0.1160i	-0.5997+0.2925i	-0.6122+0.3366i	-1.0181+0.5115i	-0.8656+0.5827i
56.2	-0.7213+0.1619i	0.7569+0.0224i	0.6215-0.2515i	-0.3902-0.0043i	-0.5720+0.2837i	-0.5818+0.3288i	-0.9673+0.5086i	-0.8215+0.5634i
56.3	-0.6763+0.1757i	0.6988-0.0319i	0.5736-0.2805i	-0.3918+0.0000i	-0.5283+0.3000i	-0.5303+0.3461i	-0.8856+0.5378i	-0.7543+0.5790i
56.4	-0.6191+0.1595i	0.6579-0.0240i	0.5091-0.3269i	-0.3984-0.0012i	-0.4870+0.3006i	-0.4882+0.3456i	-0.8157+0.5453i	-0.6925+0.5774i
56.5	-0.5752+0.1432i	0.6336-0.0141i	0.5081-0.2983i	-0.3680+0.0101i	-0.4723+0.2841i	-0.4707+0.3290i	-0.7858+0.5184i	-0.6711+0.5508i
56.6	-0.5516+0.1372i	0.5617-0.0049i	0.4539-0.3141i	-0.3817+0.0028i	-0.4438+0.2854i	-0.4376+0.3294i	-0.7360+0.5191i	-0.6280+0.5418i
56.7	-0.5094+0.1124i	0.5350+0.0133i	0.4135-0.3216i	-0.3789+0.0303i	-0.4143+0.2656i	-0.4072+0.3093i	-0.6743+0.4864i	-0.5892+0.5064i
56.8	-0.4524+0.0879i	0.4965+0.0094i	0.3876-0.3143i	-0.3640+0.0210i	-0.3772+0.2530i	-0.3633+0.2947i	-0.6064+0.4660i	-0.5276+0.4816i
56.9	-0.4394+0.0818i	0.4751+0.0191i	0.3481-0.2994i	-0.3546+0.0296i	-0.3584+0.2423i	-0.3465+0.2791i	-0.5724+0.4401i	-0.5095+0.4557i
57.0	-0.4176+0.0638i	0.4632+0.0348i	0.3291-0.2879i	-0.3573+0.0273i	-0.3643+0.2375i	-0.3492+0.2749i	-0.5789+0.4328i	-0.5198+0.4550i
57.1	-0.3854+0.0548i	0.4404+0.0494i	0.3383-0.2564i	-0.3647+0.0335i	-0.3354+0.2294i	-0.3187+0.2660i	-0.5305+0.4162i	-0.4838+0.4389i
57.2	-0.4000+0.0380i	0.3959+0.0826i	0.3269-0.2041i	-0.3841-0.0115i	-0.3364+0.1966i	-0.3189+0.2298i	-0.5266+0.3606i	-0.4873+0.3958i
57.3	-0.3764+0.0004i	0.3770+0.0801i	0.4173-0.3060i	-0.4522+0.1048i	-0.3195+0.1608i	-0.3071+0.1917i	-0.5045+0.2967i	-0.4720+0.3266i
57.4	-0.3321-0.0223i	0.3458+0.1002i	0.3313-0.3262i	-0.3934+0.0763i	-0.3001+0.1550i	-0.2793+0.1860i	-0.4630+0.2917i	-0.4375+0.3195i
57.5	-0.3312-0.0403i	0.3417+0.0970i	0.2981-0.2899i	-0.3764+0.0921i	-0.3044+0.1477i	-0.2893+0.1783i	-0.4708+0.2786i	-0.4497+0.3044i
57.6	-0.3274-0.0429i	0.3402+0.1171i	0.2845-0.2942i	-0.3788+0.1095i	-0.3112+0.1391i	-0.2944+0.1657i	-0.4804+0.2567i	-0.4643+0.2938i
57.7	-0.3089-0.0439i	0.3464+0.0944i	0.2738-0.2727i	-0.3380+0.1067i	-0.3148+0.1330i	-0.2967+0.1549i	-0.4836+0.2386i	-0.4726+0.2848i
57.8	-0.2985-0.0630i	0.3064+0.1282i	0.2728-0.2675i	-0.3753+0.0984i	-0.3015+0.1240i	-0.2809+0.1485i	-0.4586+0.2265i	-0.4469+0.2674i
57.9	-0.2828-0.0597i	0.2914+0.1322i	0.2679-0.2595i	-0.3527+0.1156i	-0.3032+0.1148i	-0.2869+0.1354i	-0.4597+0.2038i	-0.4588+0.2570i
58.0	-0.2622-0.0763i	0.2735+0.1366i	0.2791-0.2443i	-0.3605+0.1179i	-0.3035+0.1064i	-0.2840+0.1252i	-0.4604+0.1886i	-0.4593+0.2444i
58.1	-0.2687-0.0975i	0.2798+0.1609i	0.2750-0.2381i	-0.3901+0.1241i	-0.3210+0.0884i	-0.3041+0.1077i	-0.4912+0.1568i	-0.4960+0.2165i
58.2	-0.2423-0.1163i	0.2537+0.1694i	0.2933-0.2391i	-0.3678+0.1131i	-0.3188+0.0888i	-0.3012+0.1065i	-0.4846+0.1543i	-0.4939+0.2178i
58.3	-0.2531-0.1048i	0.2462+0.1619i	0.2835-0.2328i	-0.3832+0.1270i	-0.3153+0.0794i	-0.3006+0.0922i	-0.4830+0.1366i	-0.4847+0.1994i
58.4	-0.2382-0.1202i	0.2193+0.1881i	0.3086-0.2275i	-0.3884+0.1435i	-0.3322+0.0638i	-0.3183+0.0787i	-0.5159+0.1131i	-0.5175+0.1888i
58.5	-0.2201-0.1294i	0.2105+0.2073i	0.3132-0.2871i	-0.4056+0.1936i	-0.3353+0.0640i	-0.3212+0.0805i	-0.5135+0.1136i	-0.5315+0.1801i
58.6	-0.2220-0.1637i	0.2125+0.2187i	0.2651-0.2963i	-0.3798+0.2011i	-0.3448+0.0597i	-0.3279+0.0732i	-0.5211+0.1004i	-0.5366+0.1834i
58.7	-0.2207-0.1664i	0.2237+0.2353i	0.2794-0.2994i	-0.3878+0.2344i	-0.3540+0.0650i	-0.3378+0.0790i	-0.5467+0.1071i	-0.5551+0.2032i
58.8	-0.2131-0.1565i	0.2257+0.2325i	0.3051-0.2998i	-0.4066+0.2455i	-0.3509+0.0683i	-0.3375+0.0851i	-0.5352+0.1074i	-0.5599+0.2082i
58.9	-0.2094-0.1941i	0.2231+0.2316i	0.3096-0.3190i	-0.4068+0.2410i	-0.3492+0.0631i	-0.3314+0.0762i	-0.5327+0.0938i	-0.5529+0.2067i
59.0	-0.2045-0.1915i	0.2180+0.2398i	0.2997-0.3107i	-0.3984+0.2783i	-0.3570+0.0591i	-0.3454+0.0701i	-0.5537+0.0879i	-0.5671+0.1995i
59.1	-0.2065-0.1940i	0.2070+0.2605i	0.2900-0.3291i	-0.3826+0.2929i	-0.3640+0.0561i	-0.3528+0.0659i	-0.5663+0.0785i	-0.5765+0.1971i
59.2	-0.2020-0.2125i	0.1796+0.2864i	0.2975-0.3284i	-0.3700+0.2753i	-0.3687+0.0533i	-0.3603+0.0659i	-0.5755+0.0747i	-0.5883+0.1942i
59.3	-0.1989-0.2110i	0.2033+0.2750i	0.3004-0.3248i	-0.3553+0.2891i	-0.3684+0.0561i	-0.3561+0.0642i	-0.5709+0.0745i	-0.5853+0.2011i
59.4	-0.2085-0.2195i	0.2003+0.2801i	0.2953-0.3291i	-0.3660+0.2746i	-0.3771+0.0528i	-0.3691+0.0649i	-0.5934+0.0708i	-0.6003+0.1957i
59.5	-0.2225-0.2195i	0.2126+0.2614i	0.3021-0.3220i	-0.3681+0.3167i	-0.3858+0.0634i	-0.3768+0.0725i	-0.6048+0.0831i	-0.6122+0.2190i
59.6	-0.2289-0.2169i	0.1980+0.2991i	0.2923-0.3582i	-0.3335+0.3293i	-0.3980+0.0647i	-0.3885+0.0751i	-0.6191+0.0817i	-0.6377+0.2244i
59.7	-0.2168-0.2252i	0.1972+0.2837i	0.2997-0.3582i	-0.3639+0.3301i	-0.4007+0.0587i	-0.3936+0.0707i	-0.6307+0.0725i	-0.6403+0.2258i
59.8	-0.2446-0.2353i	0.1862+0.2787i	0.3098-0.3947i	-0.3567+0.3538i	-0.3980+0.0576i	-0.3916+0.0705i	-0.6268+0.0639i	-0.6333+0.2299i
59.9	-0.2055-0.1987i	0.1915+0.2883i	0.3139-0.4080i	-0.3621+0.3936i	-0.4061+0.0647i	-0.3980+0.0753i	-0.6457+0.0658i	-0.6406+0.2478i
60.0	-1.0443-0.4648i	-0.8050+0.0643i	-0.1107+0.0430i	-0.4505+0.6965i	-0.4358+0.1243i	-0.4250+0.1376i	-0.6906+0.1320i	-0.7334+0.3506i
60.1	-0.2142-0.2455i	0.1843+0.2608i	0.3039-0.4455i	-0.3469+0.3892i	-0.4279+0.0805i	-0.4246+0.0927i	-0.6873+0.0854i	-0.6781+0.2875i
60.2	-0.1878-0.2344i	0.2017+0.2740i	0.2842-0.4587i	-0.3199+0.4429i	-0.4349+0.0842i	-0.4293+0.0989i	-0.7054+0.0889i	-0.6728+0.2981i
60.3	-0.2066-0.2098i	0.2053+0.2905i	0.2819-0.5013i	-0.3238+0.4876i	-0.4231+0.0973i	-0.4188+0.1125i	-0.7004+0.1042i	-0.6456+0.3222i
60.4	-0.1944-0.2299i	0.1725+0.2605i	0.3026-0.5334i	-0.3096+0.4681i	-0.4308+0.0977i	-0.4250+0.1138i	-0.7184+0.1012i	-0.6496+0.3249i
60.5	-0.1683-0.2131i	0.1641+0.2819i	0.2863-0.5383i	-0.2952+0.4791i	-0.4389+0.1029i	-0.4354+0.1187i	-0.7452+0.1143i	-0.6527+0.3398i
60.6	-0.1809-0.2189i	0.1444+0.2979i	0.2783-0.5406i	-0.2839+0.4860i	-0.4444+0.1082i	-0.4383+0.1266i	-0.7594+0.1300i	-0.6508+0.3459i
60.7	-0.1765-0.2291i	0.1084+0.2847i	0.2995-0.5675i	-0.3218+0.5173i	-0.4590+0.1144i	-0.4545+0.1324i	-0.7987+0.1379i	-0.6583+0.3646i
60.8	-0.1779-0.2346i	0.1132+0.3142i	0.2402-0.5887i	-0.2589+0.5534i	-0.4647+0.1177i	-0.4596+0.1407i	-0.8150+0.1628i	-0.6529+0.3567i
60.9	-0.1665-0.2407i	0.1411+0.3336i	0.2639-0.5694i	-0.2583+0.5501i	-0.4701+0.1377i	-0.4654+0.1589i	-0.8233+0.2019i	-0.6614+0.3831i
61.0	-0.1497-0.2018i	0.1254+0.3279i	0.2359-0.6044i	-0.2390+0.5673i	-0.4768+0.1501i	-0.4714+0.1739i	-0.8438+0.2261i	-0.6644+0.4020i
61.1	-0.1371-0.2064i	0.0959+0.2959i	0.2226-0.6596i	-0.2525+0.6108i	-0.4681+0.1632i	-0.4591+0.1896i	-0.8313+0.2587i	-0.6350+0.4080i
61.2	-0.1166-0.2453i	0.1073+0.3274i	0.2384-0.6830i	-0.2096+0.6182i	-0.4809+0.1715i	-0.4751+0.1989i	-0.8644+0.2727i	-0.6552+0.4328i
61.3	-0.0805-0.2345i	0.1197+0.3234i	0.1897-0.6885i	-0.1721+0.6381i	-0.4793+0.1869i	-0.4690+0.2118i	-0.8546+0.3106i	-0.6471+0.4470i
61.4	-0.0671-0.2402i	0.0842+0.3099i	0.1941-0.7354i	-0.1490+0.6472i	-0.4772+0.2053i	-0.4634+0.2322i	-0.8550+0.3469i	-0.6369+0.4640i
61.5	-0.0597-0.2682i	0.1181+0.3258i	0.1452-0.7529i	-0.1260+0.6581i	-0.4828+0.2178i	-0.4693+0.2477i	-0.8692+0.3717i	-0.6328+0.4858i
61.6	-0.0401-0.2706i	0.0954+0.3661i	0.1436-0.7426i	-0.0935+0.6559i	-0.4754+0.2220i	-0.4630+0.2501i	-0.8582+0.3954i	-0.6219+0.4745i
61.7	-0.0594-0.2916i	0.0873+0.3563i	0.0768-0.7886i	-0.0684+0.6932i	-0.4649+0.2498i	-0.4492+0.2790i	-0.8422+0.4562i	-0.5963+0.5020i
61.8	-0.0611-0.2921i	0.0762+0.3633i	0.0391-0.8333i	-0.0659+0.7105i	-0.4499+0.2594i	-0.4361+0.2869i	-0.8124+0.4863i	-0.5774+0.4978i
61.9	-0.0234-0.2805i	0.0875+0.3793i	0.0008-0.8520i	0.0271+0.7197i	-0.4538+0.2587i	-0.4350+0.2879i	-0.8084+0.5018i	-0.5889+0.4925i
62.0	-0.0341-0.3293i	0.1097+0.3967i	-0.0312-0.8600i	0.0506+0.7202i	-0.4507+0.2853i	-0.4342+0.3182i	-0.8002+0.5552i	-0.5838+0.5315i
62.1	-0.0149-0.3479i	0.0901+0.3756i	-0.0668-0.8739i	0.0556+0.7288i	-0.4356+0.2963i	-0.4181+0.3266i	-0.7626+0.5850i	-0.5680+0.5295i
62.2	-0.0215-0.3441i	0.0884+0.3895i	-0.1266-0.8765i	0.1326+0.7214i	-0.4172+0.3045i	-0.3934+0.3339i	-0.7199+0.6074i	-0.5410+0.5266i
62.3	-0.0234-0.3386i	0.0832+0.4114i	-0.2012-0.8814i	0.1965+0.7328i	-0.4091+0.3149i	-0.3798+0.3438i	-0.6885+0.6316i	-0.5382+0.5368i

62.4	-0.0362-0.3689i	0.0601+0.3940i	-0.2412-0.9294i	0.1895+0.7649i	-0.4040+0.3232i	-0.3765+0.3499i	-0.6783+0.6499i	-0.5315+0.5410i
62.5	-0.0387-0.3766i	0.0957+0.4198i	-0.2692-0.9289i	0.2262+0.7282i	-0.3885+0.3371i	-0.3598+0.3664i	-0.6385+0.6778i	-0.5171+0.5555i
62.6	-0.0255-0.3790i	0.0939+0.3963i	-0.3526-0.8918i	0.2913+0.7155i	-0.3584+0.3397i	-0.3267+0.3662i	-0.5677+0.6845i	-0.4772+0.5612i
62.7	-0.0111-0.4036i	0.0923+0.4124i	-0.3886-0.9115i	0.3097+0.7207i	-0.3609+0.3430i	-0.3307+0.3670i	-0.5628+0.6806i	-0.4966+0.5661i
62.8	-0.0182-0.4303i	0.0996+0.4211i	-0.4132-0.9043i	0.3433+0.7014i	-0.3591+0.3443i	-0.3260+0.3720i	-0.5539+0.6795i	-0.5013+0.5713i
62.9	-0.0312-0.4502i	0.1077+0.4010i	-0.4844-0.8746i	0.3936+0.6701i	-0.3469+0.3467i	-0.3114+0.3721i	-0.5170+0.6803i	-0.4873+0.5758i
63.0	-0.0285-0.4907i	0.1234+0.4041i	-0.5478-0.8313i	0.4490+0.6343i	-0.3375+0.3568i	-0.3038+0.3777i	-0.4958+0.6905i	-0.4797+0.5990i
63.1	-0.0253-0.4884i	0.1027+0.4269i	-0.5632-0.8088i	0.4530+0.6149i	-0.3275+0.3577i	-0.2870+0.3780i	-0.4661+0.6852i	-0.4611+0.5992i
63.2	-0.0546-0.4655i	0.1116+0.4252i	-0.6336-0.8120i	0.4721+0.6058i	-0.3110+0.3535i	-0.2688+0.3748i	-0.4259+0.6799i	-0.4363+0.5942i
63.3	-0.0347-0.4990i	0.1096+0.4219i	-0.6902-0.7901i	0.5101+0.5699i	-0.3051+0.3434i	-0.2637+0.3637i	-0.4108+0.6509i	-0.4493+0.5766i
63.4	-0.0618-0.5067i	0.0803+0.4231i	-0.7070-0.7569i	0.5112+0.5565i	-0.2919+0.3406i	-0.2491+0.3591i	-0.3872+0.6408i	-0.4315+0.5738i
63.5	-0.0722-0.5324i	0.0776+0.4214i	-0.7471-0.7558i	0.5427+0.5568i	-0.2867+0.3477i	-0.2426+0.3637i	-0.3752+0.6499i	-0.4177+0.5854i
63.6	-0.0642-0.5393i	0.0690+0.4174i	-0.7639-0.6929i	0.5779+0.5045i	-0.2818+0.3437i	-0.2370+0.3586i	-0.3529+0.6348i	-0.4155+0.5845i
63.7	-0.0998-0.5546i	0.0592+0.4220i	-0.8399-0.6416i	0.5993+0.4738i	-0.2761+0.3463i	-0.2318+0.3571i	-0.3454+0.6265i	-0.4141+0.5923i
63.8	-0.0978-0.5517i	0.0434+0.4217i	-0.8741-0.6048i	0.6002+0.4438i	-0.2694+0.3298i	-0.2249+0.3400i	-0.3327+0.5952i	-0.4062+0.5727i
63.9	-0.0995-0.5492i	0.0544+0.4005i	-0.8502-0.5468i	0.6124+0.3868i	-0.2582+0.3346i	-0.2136+0.3437i	-0.3155+0.5940i	-0.3849+0.5901i
64.0	-0.1314-0.5425i	0.0432+0.4277i	-0.9097-0.5320i	0.6483+0.3737i	-0.2536+0.3400i	-0.2056+0.3463i	-0.2974+0.5904i	-0.3725+0.5928i
64.1	-0.1467-0.5693i	0.0545+0.4065i	-0.9316-0.4743i	0.6536+0.3340i	-0.2481+0.3380i	-0.2022+0.3456i	-0.2866+0.5793i	-0.3752+0.6002i
64.2	-0.1411-0.5848i	0.0465+0.4550i	-0.9067-0.4048i	0.6495+0.2840i	-0.2510+0.3372i	-0.2051+0.3442i	-0.3000+0.5712i	-0.3735+0.6069i
64.3	-0.1467-0.5512i	0.0405+0.4583i	-0.9658-0.3790i	0.6422+0.2900i	-0.2546+0.3334i	-0.2034+0.3387i	-0.2974+0.5593i	-0.3871+0.6028i
64.4	-0.1672-0.5414i	0.0115+0.4496i	-1.0089-0.3243i	0.6807+0.2845i	-0.2478+0.3358i	-0.1982+0.3325i	-0.2898+0.5473i	-0.3834+0.6118i
64.5	-0.1485-0.5331i	0.0373+0.4758i	-0.9795-0.3069i	0.6656+0.2221i	-0.2446+0.3341i	-0.1987+0.3334i	-0.2869+0.5439i	-0.3702+0.6091i
64.6	-0.1539-0.5644i	0.0428+0.4978i	-0.9641-0.2339i	0.6790+0.1689i	-0.2528+0.3489i	-0.2065+0.3470i	-0.3022+0.5538i	-0.3785+0.6385i
64.7	-0.1620-0.5620i	0.0179+0.5064i	-1.0035-0.1764i	0.6968+0.1581i	-0.2527+0.3452i	-0.2032+0.3367i	-0.3001+0.5376i	-0.3679+0.6381i
64.8	-0.1990-0.5391i	0.0037+0.5333i	-1.0370-0.1517i	0.6919+0.1522i	-0.2479+0.3395i	-0.1997+0.3338i	-0.2919+0.5320i	-0.3666+0.6354i
64.9	-0.1979-0.5777i	-0.0069+0.5235i	-1.0064-0.1338i	0.6364+0.1014i	-0.2426+0.3503i	-0.1919+0.3413i	-0.2900+0.5419i	-0.3536+0.6509i
65.0	-0.2038-0.5891i	-0.0009+0.5395i	-1.0245-0.0580i	0.6718+0.0664i	-0.2432+0.3639i	-0.1912+0.3551i	-0.2924+0.5608i	-0.3446+0.6829i
65.1	-0.2031-0.5546i	-0.0108+0.5369i	-1.0487+0.0063i	0.6689+0.0298i	-0.2345+0.3573i	-0.1861+0.3457i	-0.2838+0.5423i	-0.3358+0.6663i
65.2	-0.2318-0.5432i	-0.0127+0.5399i	-1.0720+0.0140i	0.6636+0.0360i	-0.2328+0.3560i	-0.1863+0.3364i	-0.2809+0.5318i	-0.3349+0.6649i
65.3	-0.2176-0.5541i	-0.0386+0.5740i	-1.0286+0.1214i	0.6371-0.0226i	-0.2347+0.3746i	-0.1898+0.3559i	-0.2910+0.5575i	-0.3269+0.7031i
65.4	-0.1809-0.5772i	-0.0196+0.6030i	-1.0108+0.1699i	0.6339-0.0726i	-0.2378+0.3845i	-0.1894+0.3620i	-0.2985+0.5633i	-0.3286+0.7187i
65.5	-0.2224-0.5981i	0.0254+0.6013i	-0.9729+0.1884i	0.6190-0.0964i	-0.2164+0.3879i	-0.1721+0.3658i	-0.2769+0.5676i	-0.2904+0.7311i
65.6	-0.2197-0.5900i	0.0271+0.6537i	-0.9463+0.2514i	0.5937-0.1230i	-0.2119+0.3978i	-0.1671+0.3740i	-0.2747+0.5804i	-0.2782+0.7419i
65.7	-0.2301-0.6241i	0.0539+0.6617i	-0.9110+0.3203i	0.6166-0.1667i	-0.2057+0.4164i	-0.1655+0.3867i	-0.2719+0.6013i	-0.2643+0.7693i
65.8	-0.2536-0.5858i	0.0810+0.6631i	-0.8635+0.3545i	0.5713-0.1906i	-0.1876+0.4177i	-0.1461+0.3894i	-0.2448+0.6042i	-0.2261+0.7777i
65.9	-0.2714-0.5807i	0.0728+0.6841i	-0.8312+0.4034i	0.5311-0.1807i	-0.1832+0.4157i	-0.1443+0.3869i	-0.2444+0.6106i	-0.2077+0.7768i
66.0	-0.2902-0.5903i	0.1007+0.7194i	-0.8381+0.4553i	0.5085-0.1892i	-0.1725+0.4305i	-0.1338+0.3995i	-0.2368+0.6218i	-0.1800+0.7911i
66.1	-0.2925-0.6127i	0.1133+0.7536i	-0.7962+0.4732i	0.5078-0.2389i	-0.1592+0.4441i	-0.1229+0.4123i	-0.2252+0.6497i	-0.1541+0.8196i
66.2	-0.3046-0.6149i	0.1199+0.7141i	-0.7151+0.4565i	0.4539-0.2490i	-0.1412+0.4405i	-0.1089+0.4068i	-0.2072+0.6416i	-0.1272+0.8055i
66.3	-0.3028-0.6294i	0.1344+0.7116i	-0.6543+0.4549i	0.4400-0.2587i	-0.1255+0.4399i	-0.0968+0.4067i	-0.1846+0.6442i	-0.0968+0.8025i
66.4	-0.3323-0.6351i	0.1763+0.7358i	-0.6539+0.4833i	0.4045-0.2491i	-0.1094+0.4446i	-0.0815+0.4087i	-0.1649+0.6579i	-0.0631+0.7939i
66.5	-0.3671-0.6322i	0.1720+0.7150i	-0.6303+0.5367i	0.3680-0.2558i	-0.1041+0.4455i	-0.0710+0.4095i	-0.1544+0.6615i	-0.0540+0.7879i
66.6	-0.3241-0.6109i	0.2084+0.7373i	-0.5451+0.4969i	0.4109-0.2797i	-0.0908+0.4441i	-0.0686+0.4051i	-0.1380+0.6572i	-0.0473+0.7872i
66.7	-0.3291-0.6615i	0.2362+0.7175i	-0.4704+0.5072i	0.3866-0.3302i	-0.0698+0.4431i	-0.0464+0.4073i	-0.1043+0.6622i	-0.0066+0.7758i
66.8	-0.3774-0.6088i	0.2222+0.7013i	-0.5147+0.4786i	0.3372-0.2667i	-0.0593+0.4285i	-0.0339+0.3939i	-0.0846+0.6447i	0.0192+0.7470i
66.9	-0.4134-0.6138i	0.2208+0.6962i	-0.4982+0.4968i	0.3154-0.2650i	-0.0392+0.4266i	-0.0141+0.3917i	-0.0512+0.6484i	0.0513+0.7357i
67.0	-0.3627-0.6328i	0.2731+0.6941i	-0.4029+0.4924i	0.2921-0.3035i	-0.0251+0.4298i	-0.0091+0.3925i	-0.0386+0.6505i	0.0659+0.7404i
67.1	-0.3847-0.5850i	0.2866+0.6782i	-0.3873+0.4954i	0.2613-0.2759i	-0.0100+0.4226i	0.0036+0.3849i	-0.0141+0.6380i	0.0886+0.7266i
67.2	-0.4366-0.5665i	0.3018+0.7129i	-0.3960+0.4887i	0.2503-0.2663i	-0.0012+0.4127i	0.0167+0.3758i	0.0049+0.6254i	0.1003+0.7013i
67.3	-0.4693-0.5810i	0.3055+0.6711i	-0.3754+0.4539i	0.2190-0.2684i	0.0148+0.3941i	0.0284+0.3595i	0.0289+0.6030i	0.1201+0.6738i
67.4	-0.4809-0.5843i	0.3269+0.6569i	-0.3371+0.4737i	0.2347-0.2663i	0.0241+0.3907i	0.0383+0.3565i	0.0479+0.5975i	0.1391+0.6692i
67.5	-0.4735-0.5546i	0.3086+0.6626i	-0.3490+0.4778i	0.1998-0.2592i	0.0286+0.3904i	0.0384+0.3545i	0.0495+0.5911i	0.1412+0.6621i
67.6	-0.5013-0.5417i	0.2668+0.6397i	-0.3576+0.4282i	0.1473-0.2503i	0.0322+0.3667i	0.0451+0.3332i	0.0641+0.5604i	0.1434+0.6224i
67.7	-0.5025-0.5436i	0.2812+0.6362i	-0.3607+0.4304i	0.1730-0.2354i	0.0355+0.3644i	0.0460+0.3333i	0.0685+0.5576i	0.1440+0.6261i
67.8	-0.4783-0.5258i	0.3504+0.6266i	-0.3014+0.4642i	0.1970-0.2571i	0.0501+0.3589i	0.0570+0.3282i	0.0909+0.5447i	0.1614+0.6155i
67.9	-0.4586-0.4990i	0.3499+0.6657i	-0.2966+0.4557i	0.1957-0.2381i	0.0515+0.3495i	0.0581+0.3167i	0.0958+0.5286i	0.1639+0.5969i
68.0	-0.5101-0.5166i	0.3384+0.6522i	-0.3231+0.4494i	0.1603-0.2289i	0.0508+0.3419i	0.0607+0.3087i	0.0950+0.5145i	0.1636+0.5856i
68.1	-0.5007-0.4953i	0.3308+0.6024i	-0.2620+0.4103i	0.1540-0.2820i	0.0663+0.3266i	0.0713+0.3021i	0.1116+0.4941i	0.1885+0.5640i
68.2	-0.5166-0.4925i	0.3498+0.5578i	-0.2653+0.3945i	0.1301-0.2615i	0.0737+0.3134i	0.0797+0.2844i	0.1317+0.4659i	0.1978+0.5377i
68.3	-0.5512-0.5013i	0.3415+0.5805i	-0.2978+0.4067i	0.1264-0.2565i	0.0779+0.3079i	0.0782+0.2799i	0.1335+0.4602i	0.1994+0.5282i
68.4	-0.5169-0.4733i	0.3632+0.5767i	-0.2713+0.4024i	0.1254-0.2128i	0.0767+0.3052i	0.0800+0.2744i	0.1379+0.4543i	0.1999+0.5231i
68.5	-0.5392-0.4401i	0.3439+0.5979i	-0.2813+0.4249i	0.1324-0.2061i	0.0745+0.3040i	0.0789+0.2699i	0.1376+0.4437i	0.1964+0.5170i
68.6	-0.5230-0.4313i	0.3372+0.5617i	-0.2582+0.4040i	0.1303-0.2093i	0.0748+0.2820i	0.0783+0.2560i	0.1345+0.4161i	0.1924+0.4896i

68.7	-0.5127-0.4240i	0.3245+0.5585i	-0.2412+0.4121i	0.1270-0.2057i	0.0804+0.2742i	0.0821+0.2452i	0.1328+0.4014i	0.2024+0.4771i
68.8	-0.5280-0.4141i	0.3447+0.5423i	-0.2269+0.3995i	0.0897-0.2099i	0.0827+0.2672i	0.0873+0.2406i	0.1434+0.3857i	0.2123+0.4625i
68.9	-0.5400-0.3815i	0.3204+0.5526i	-0.2549+0.4132i	0.0984-0.1851i	0.0808+0.2651i	0.0830+0.2378i	0.1367+0.3835i	0.1994+0.4567i
69.0	-0.5496-0.3394i	0.3080+0.5844i	-0.2706+0.4205i	0.0727-0.1421i	0.0739+0.2595i	0.0777+0.2297i	0.1314+0.3735i	0.1864+0.4475i
69.1	-0.5620-0.3410i	0.3261+0.5788i	-0.2709+0.4407i	0.0488-0.1622i	0.0813+0.2535i	0.0855+0.2246i	0.1410+0.3637i	0.1944+0.4398i
69.2	-0.5173-0.3552i	0.3158+0.5520i	-0.2281+0.4067i	0.1047-0.1979i	0.0817+0.2478i	0.0857+0.2225i	0.1395+0.3489i	0.1938+0.4342i
69.3	-0.5131-0.2718i	0.3091+0.5750i	-0.2462+0.4449i	0.0901-0.1303i	0.0812+0.2414i	0.0848+0.2113i	0.1400+0.3407i	0.1975+0.4240i
69.4	-0.4711-0.2228i	0.3533+0.5979i	-0.1891+0.4767i	0.1290-0.0849i	0.0840+0.2438i	0.0822+0.2111i	0.1410+0.3377i	0.1944+0.4229i
69.5	-0.5115-0.2723i	0.2906+0.5730i	-0.2307+0.4680i	0.0695-0.1187i	0.0797+0.2298i	0.0809+0.1984i	0.1354+0.3183i	0.1830+0.4020i
69.6	-0.5369-0.2058i	0.2745+0.5961i	-0.2623+0.5091i	0.0327-0.0789i	0.0736+0.2295i	0.0798+0.1979i	0.1308+0.3183i	0.1813+0.3973i
69.7	-0.3977-0.2495i	0.3805+0.6012i	-0.1247+0.4837i	0.1675-0.0768i	0.0941+0.2245i	0.0872+0.1940i	0.1496+0.3058i	0.2019+0.3978i
69.8	-0.4209-0.2704i	0.3869+0.5374i	-0.1356+0.4297i	0.1286-0.1386i	0.0906+0.2078i	0.0869+0.1821i	0.1489+0.2867i	0.1970+0.3760i
69.9	-0.4269-0.2356i	0.3683+0.5648i	-0.1258+0.4603i	0.1255-0.0844i	0.0844+0.2126i	0.0812+0.1800i	0.1414+0.2804i	0.1905+0.3720i
70.0	-0.4503-0.1792i	0.3242+0.5868i	-0.1887+0.4740i	0.0869-0.0438i	0.0771+0.2054i	0.0786+0.1765i	0.1337+0.2747i	0.1769+0.3665i
70.1	-0.4257-0.1880i	0.3429+0.5826i	-0.1558+0.4931i	0.1311-0.0732i	0.0854+0.2017i	0.0798+0.1701i	0.1367+0.2632i	0.1837+0.3573i
70.2	-0.4362-0.1466i	0.3436+0.6008i	-0.1891+0.5040i	0.0949-0.0307i	0.0828+0.1988i	0.0782+0.1645i	0.1326+0.2583i	0.1823+0.3511i
70.3	-0.4378-0.1672i	0.3284+0.5836i	-0.1531+0.5109i	0.1048-0.0602i	0.0784+0.1912i	0.0774+0.1626i	0.1256+0.2461i	0.1748+0.3480i
70.4	-0.4044-0.0810i	0.3258+0.6501i	-0.1392+0.5705i	0.1359+0.0217i	0.0780+0.1950i	0.0730+0.1578i	0.1207+0.2462i	0.1804+0.3431i
70.5	-0.3479+0.0226i	0.3698+0.7182i	-0.1037+0.6649i	0.1611+0.0942i	0.0737+0.2080i	0.0694+0.1622i	0.1182+0.2560i	0.1667+0.3563i
70.6	-0.3780-0.0346i	0.3516+0.6885i	-0.1304+0.6240i	0.1198+0.0328i	0.0723+0.1938i	0.0693+0.1567i	0.1141+0.2413i	0.1672+0.3457i
70.7	-0.2697-0.0525i	0.3929+0.6610i	-0.0500+0.6069i	0.1861+0.0282i	0.0761+0.1872i	0.0692+0.1496i	0.1182+0.2322i	0.1699+0.3390i
70.8	-0.1693-0.0605i	0.4997+0.6147i	0.0757+0.5527i	0.3044-0.0058i	0.0955+0.1755i	0.0763+0.1447i	0.1389+0.2166i	0.1825+0.3183i
70.9	-0.2090-0.0487i	0.4889+0.6458i	0.0359+0.5979i	0.2728+0.0036i	0.0870+0.1789i	0.0736+0.1419i	0.1287+0.2136i	0.1808+0.3243i
71.0	-0.2007-0.0551i	0.4667+0.6475i	0.0344+0.5902i	0.2555+0.0134i	0.0842+0.1766i	0.0697+0.1430i	0.1188+0.2033i	0.1735+0.3286i
71.1	-0.1215-0.1651i	0.4727+0.5464i	0.0969+0.4902i	0.3251-0.0883i	0.0864+0.1598i	0.0669+0.1339i	0.1201+0.1790i	0.1624+0.3158i
71.2	-0.0843-0.1315i	0.5072+0.5615i	0.1374+0.4649i	0.3408-0.0722i	0.0919+0.1567i	0.0684+0.1311i	0.1269+0.1759i	0.1656+0.3161i
71.3	-0.0755-0.1406i	0.5177+0.5314i	0.1561+0.4669i	0.3160-0.0947i	0.0899+0.1531i	0.0688+0.1260i	0.1243+0.1628i	0.1740+0.3101i
71.4	-0.0613-0.1529i	0.5158+0.5206i	0.1340+0.4574i	0.3165-0.0974i	0.0847+0.1481i	0.0675+0.1228i	0.1201+0.1520i	0.1592+0.3088i
71.5	-0.0464-0.1153i	0.4913+0.5579i	0.1419+0.4878i	0.3274-0.0750i	0.0830+0.1499i	0.0622+0.1244i	0.1105+0.1531i	0.1555+0.3161i
71.6	-0.0803-0.1799i	0.5090+0.5240i	0.1338+0.4645i	0.2966-0.1214i	0.0837+0.1467i	0.0641+0.1206i	0.1011+0.1386i	0.1732+0.3177i
71.7	-0.0457-0.2673i	0.5143+0.4358i	0.1444+0.3670i	0.3220-0.2168i	0.0866+0.1313i	0.0638+0.1156i	0.1004+0.1175i	0.1772+0.3107i
71.8	-0.0775-0.3362i	0.4735+0.4288i	0.1363+0.3526i	0.2924-0.2256i	0.0808+0.1318i	0.0631+0.1144i	0.0862+0.1135i	0.1716+0.3133i
71.9	-0.0408-0.3035i	0.4811+0.4211i	0.1449+0.3903i	0.3180-0.2212i	0.0779+0.1303i	0.0560+0.1108i	0.0785+0.1013i	0.1706+0.3092i
72.0	-0.0091-0.2728i	0.4953+0.4623i	0.1612+0.3886i	0.3320-0.2061i	0.0795+0.1240i	0.0569+0.1090i	0.0824+0.0957i	0.1648+0.3050i
72.1	-0.0125-0.3491i	0.4784+0.4039i	0.1458+0.3319i	0.3443-0.2690i	0.0766+0.1198i	0.0552+0.1024i	0.0649+0.0885i	0.1698+0.3087i
72.2	0.0257-0.3746i	0.4780+0.4243i	0.1808+0.3378i	0.3364-0.2685i	0.0735+0.1191i	0.0514+0.1040i	0.0575+0.0792i	0.1692+0.3094i
72.3	0.0193-0.3921i	0.4887+0.4101i	0.2017+0.3223i	0.3578-0.2927i	0.0748+0.1185i	0.0512+0.1064i	0.0485+0.0774i	0.1818+0.3106i
72.4	0.0039-0.4219i	0.4842+0.3646i	0.1756+0.3259i	0.3181-0.3208i	0.0736+0.1153i	0.0487+0.1030i	0.0397+0.0724i	0.1924+0.3168i
72.5	-0.0369-0.4484i	0.4308+0.3803i	0.1474+0.2901i	0.2681-0.3382i	0.0678+0.1104i	0.0489+0.1003i	0.0224+0.0703i	0.1956+0.3143i
72.6	-0.0799-0.4685i	0.4045+0.3687i	0.0896+0.3007i	0.2372-0.3461i	0.0649+0.1066i	0.0492+0.0981i	0.0140+0.0667i	0.1946+0.3037i
72.7	-0.0696-0.4675i	0.4044+0.3655i	0.1184+0.2932i	0.2678-0.3642i	0.0680+0.1060i	0.0468+0.0965i	0.0117+0.0608i	0.1999+0.3005i
72.8	-0.0810-0.4453i	0.4099+0.3916i	0.1309+0.3190i	0.2256-0.3198i	0.0663+0.1053i	0.0477+0.0952i	0.0005+0.0671i	0.2117+0.2905i
72.9	-0.0972-0.4707i	0.3823+0.3576i	0.1101+0.3180i	0.2105-0.3680i	0.0628+0.1032i	0.0479+0.0915i	-0.0157+0.0621i	0.2214+0.2882i
73.0	-0.1051-0.4855i	0.3666+0.3629i	0.1058+0.3145i	0.2173-0.3758i	0.0593+0.0989i	0.0409+0.0900i	-0.0279+0.0591i	0.2137+0.2905i
73.1	-0.0647-0.4982i	0.3855+0.3707i	0.1217+0.2881i	0.2146-0.3807i	0.0632+0.0953i	0.0427+0.0904i	-0.0265+0.0708i	0.2253+0.2763i
73.2	-0.1088-0.4819i	0.3778+0.3829i	0.1352+0.3080i	0.1750-0.3852i	0.0642+0.0985i	0.0465+0.0889i	-0.0378+0.0771i	0.2346+0.2584i
73.3	-0.1158-0.5161i	0.3810+0.3804i	0.1436+0.3345i	0.1555-0.4296i	0.0624+0.0976i	0.0419+0.0897i	-0.0539+0.0753i	0.2427+0.2664i
73.4	-0.1264-0.6126i	0.3496+0.3374i	0.1216+0.3146i	0.1614-0.4491i	0.0584+0.0934i	0.0375+0.0897i	-0.0636+0.0626i	0.2549+0.2669i
73.5	-0.1351-0.5904i	0.3539+0.3838i	0.1232+0.3053i	0.1207-0.4551i	0.0595+0.0903i	0.0405+0.0847i	-0.0684+0.0698i	0.2570+0.2586i
73.6	-0.1603-0.5664i	0.3419+0.3526i	0.1132+0.3213i	0.1284-0.4553i	0.0557+0.0898i	0.0373+0.0830i	-0.0810+0.0750i	0.2562+0.2449i
73.7	-0.1716-0.5882i	0.3054+0.3446i	0.1064+0.2648i	0.0890-0.4391i	0.0522+0.0843i	0.0337+0.0812i	-0.0844+0.0783i	0.2580+0.2320i
73.8	-0.1925-0.5846i	0.3099+0.3557i	0.1177+0.2916i	0.0730-0.4752i	0.0544+0.0811i	0.0360+0.0778i	-0.0936+0.0782i	0.2607+0.2222i
73.9	-0.1944-0.6193i	0.3183+0.3320i	0.1406+0.2586i	0.0798-0.5280i	0.0535+0.0783i	0.0339+0.0757i	-0.1021+0.0809i	0.2730+0.2119i
74.0	-0.1655-0.6622i	0.3045+0.3512i	0.1447+0.2821i	0.0961-0.4976i	0.0522+0.0800i	0.0320+0.0782i	-0.1071+0.0896i	0.2712+0.2133i
74.1	-0.2320-0.6002i	0.3024+0.3753i	0.1159+0.3287i	0.0454-0.4888i	0.0554+0.0836i	0.0348+0.0772i	-0.1080+0.1136i	0.2719+0.2004i
74.2	-0.2373-0.5710i	0.2956+0.4186i	0.1596+0.3372i	-0.0031-0.4649i	0.0532+0.0818i	0.0349+0.0766i	-0.1098+0.1195i	0.2717+0.1810i
74.3	-0.2513-0.6051i	0.3143+0.4102i	0.1754+0.3364i	-0.0532-0.4770i	0.0526+0.0840i	0.0332+0.0797i	-0.1160+0.1306i	0.2825+0.1752i
74.4	-0.2420-0.5839i	0.2819+0.3740i	0.1692+0.3270i	-0.0215-0.4940i	0.0500+0.0780i	0.0351+0.0757i	-0.1149+0.1279i	0.2829+0.1618i
74.5	-0.2464-0.5440i	0.2682+0.3887i	0.2121+0.3349i	-0.0493-0.4640i	0.0512+0.0699i	0.0313+0.0692i	-0.1095+0.1274i	0.2672+0.1512i
74.6	-0.2143-0.5960i	0.2972+0.3553i	0.2316+0.2951i	-0.0588-0.5187i	0.0539+0.0664i	0.0353+0.0701i	-0.1061+0.1303i	0.2710+0.1360i
74.7	-0.2411-0.5807i	0.2631+0.3909i	0.2099+0.3326i	-0.0689-0.4592i	0.0494+0.0700i	0.0332+0.0647i	-0.1034+0.1343i	0.2715+0.1384i
74.8	-0.2621-0.5501i	0.2494+0.3993i	0.2382+0.3441i	-0.1322-0.4630i	0.0491+0.0682i	0.0306+0.0671i	-0.1112+0.1409i	0.2665+0.1247i
74.9	-0.2823-0.5822i	0.2469+0.4049i	0.2219+0.3371i	-0.1473-0.4759i	0.0503+0.0617i	0.0311+0.0655i	-0.1148+0.1418i	0.2673+0.1137i

75.0	-0.2687-0.5710i	0.2473+0.4184i	0.2498+0.3020i	-0.1047-0.4693i	0.0488+0.0589i	0.0344+0.0606i	-0.1073+0.1374i	0.2630+0.1099i
75.1	-0.2358-0.5540i	0.2475+0.3900i	0.3011+0.2755i	-0.1583-0.4761i	0.0506+0.0504i	0.0320+0.0558i	-0.1009+0.1402i	0.2592+0.0902i
75.2	-0.3316-0.6113i	0.1965+0.4126i	0.2483+0.2927i	-0.2121-0.4789i	0.0426+0.0510i	0.0320+0.0591i	-0.1141+0.1444i	0.2574+0.0859i
75.3	-0.3295-0.6060i	0.2078+0.4503i	0.2675+0.2606i	-0.2710-0.4423i	0.0439+0.0509i	0.0290+0.0538i	-0.1131+0.1488i	0.2650+0.0720i
75.4	-0.3364-0.5869i	0.2049+0.4201i	0.2866+0.2484i	-0.2627-0.4377i	0.0466+0.0425i	0.0299+0.0513i	-0.1136+0.1424i	0.2555+0.0641i
75.5	-0.2733-0.5612i	0.1870+0.4513i	0.3013+0.2785i	-0.2533-0.4324i	0.0420+0.0456i	0.0300+0.0483i	-0.1159+0.1325i	0.2479+0.0621i
75.6	-0.2974-0.5774i	0.1703+0.4367i	0.3052+0.2230i	-0.2704-0.4104i	0.0414+0.0390i	0.0252+0.0456i	-0.1205+0.1383i	0.2428+0.0495i
75.7	-0.2785-0.5918i	0.1955+0.4497i	0.3748+0.2158i	-0.2912-0.4111i	0.0420+0.0377i	0.0303+0.0407i	-0.1259+0.1450i	0.2550+0.0334i
75.8	-0.2788-0.5408i	0.1906+0.4496i	0.3769+0.2093i	-0.2761-0.3566i	0.0404+0.0350i	0.0259+0.0394i	-0.1232+0.1474i	0.2521+0.0202i
75.9	-0.2746-0.5523i	0.1806+0.4618i	0.3733+0.1983i	-0.3262-0.3293i	0.0338+0.0301i	0.0228+0.0357i	-0.1252+0.1619i	0.2401+0.0075i
76.0	-0.2927-0.5955i	0.1621+0.4838i	0.3301+0.1723i	-0.3381-0.3140i	0.0312+0.0294i	0.0203+0.0341i	-0.1345+0.1605i	0.2312+0.0046i
76.1	-0.2773-0.5836i	0.1464+0.5056i	0.3539+0.1706i	-0.3276-0.2943i	0.0290+0.0239i	0.0177+0.0288i	-0.1362+0.1571i	0.2268-0.0058i
76.2	-0.2720-0.5880i	0.1615+0.5433i	0.3704+0.1736i	-0.3254-0.2926i	0.0288+0.0256i	0.0187+0.0289i	-0.1389+0.1642i	0.2292-0.0037i
76.3	-0.2921-0.5842i	0.1481+0.5582i	0.3448+0.1377i	-0.3364-0.2611i	0.0258+0.0267i	0.0165+0.0281i	-0.1437+0.1665i	0.2230-0.0177i
76.4	-0.3218-0.5225i	0.1165+0.5449i	0.3383+0.1479i	-0.3609-0.2320i	0.0206+0.0156i	0.0157+0.0232i	-0.1380+0.1743i	0.2158-0.0395i
76.5	-0.3130-0.5985i	0.1399+0.5658i	0.3433+0.1080i	-0.3519-0.2481i	0.0180+0.0123i	0.0099+0.0214i	-0.1375+0.1723i	0.2028-0.0483i
76.6	-0.2779-0.6305i	0.1307+0.5846i	0.3248+0.1077i	-0.3540-0.2416i	0.0177+0.0135i	0.0067+0.0183i	-0.1425+0.1761i	0.2020-0.0481i
76.7	-0.3243-0.6074i	0.1303+0.6270i	0.3302+0.1014i	-0.4030-0.2066i	0.0080+0.0108i	0.0019+0.0201i	-0.1437+0.1888i	0.1804-0.0628i
76.8	-0.3268-0.6175i	0.0955+0.6065i	0.3087+0.0658i	-0.3866-0.1677i	0.0018+0.0078i	-0.0003+0.0138i	-0.1405+0.1837i	0.1593-0.0751i
76.9	-0.3030-0.6544i	0.1459+0.6444i	0.3307+0.0282i	-0.3740-0.1375i	0.0014+0.0050i	-0.0043+0.0107i	-0.1386+0.1945i	0.1448-0.0862i
77.0	-0.2906-0.6130i	0.1728+0.7045i	0.3293+0.0559i	-0.3657-0.1198i	0.0021+0.0076i	-0.0068+0.0078i	-0.1303+0.1988i	0.1390-0.0935i
77.1	-0.2845-0.6532i	0.1609+0.7152i	0.3482+0.0386i	-0.3720-0.1261i	-0.0031+0.0019i	-0.0103+0.0051i	-0.1322+0.1978i	0.1294-0.0984i
77.2	-0.3099-0.7000i	0.1307+0.7140i	0.3587+0.0114i	-0.3831-0.1273i	-0.0113-0.0041i	-0.0152-0.0012i	-0.1363+0.2008i	0.1034-0.1001i
77.3	-0.3357-0.7026i	0.1532+0.7380i	0.3381-0.0174i	-0.3738-0.0863i	-0.0190-0.0066i	-0.0198-0.0012i	-0.1317+0.1993i	0.0895-0.1086i
77.4	-0.3375-0.7188i	0.2071+0.7726i	0.2934+0.0017i	-0.3660-0.0817i	-0.0255-0.0053i	-0.0276-0.0007i	-0.1363+0.2042i	0.0812-0.1159i
77.5	-0.3622-0.7323i	0.2037+0.7896i	0.2958-0.0411i	-0.3600-0.0401i	-0.0278-0.0067i	-0.0318-0.0008i	-0.1295+0.2019i	0.0553-0.1114i
77.6	-0.3663-0.7215i	0.2242+0.8234i	0.3255-0.0472i	-0.3614-0.0058i	-0.0355-0.0068i	-0.0356-0.0016i	-0.1386+0.2047i	0.0450-0.1169i
77.7	-0.3765-0.7653i	0.2732+0.8896i	0.3082-0.0408i	-0.3182-0.0036i	-0.0404-0.0049i	-0.0417-0.0069i	-0.1369+0.2059i	0.0309-0.1117i
77.8	-0.3997-0.7577i	0.2582+0.8635i	0.2591-0.0552i	-0.3243-0.0012i	-0.0493-0.0037i	-0.0511-0.0019i	-0.1368+0.2016i	0.0177-0.1050i
77.9	-0.4252-0.7664i	0.2795+0.8951i	0.2466-0.0588i	-0.3441-0.0037i	-0.0517-0.0059i	-0.0533-0.0007i	-0.1415+0.2043i	0.0016-0.1049i
78.0	-0.4729-0.7717i	0.3182+0.8930i	0.2221-0.0606i	-0.3348+0.0391i	-0.0634-0.0017i	-0.0633-0.0026i	-0.1404+0.2085i	-0.0219-0.0937i
78.1	-0.5332-0.7761i	0.3525+0.9155i	0.2039-0.0417i	-0.3376+0.0191i	-0.0721+0.0054i	-0.0749+0.0035i	-0.1482+0.2129i	-0.0284-0.0881i
78.2	-0.4895-0.7889i	0.4101+0.9049i	0.1929-0.0488i	-0.2634+0.0220i	-0.0721+0.0049i	-0.0725+0.0067i	-0.1415+0.2035i	-0.0386-0.0659i
78.3	-0.5360-0.7885i	0.4661+0.9419i	0.2137-0.0593i	-0.2769+0.0507i	-0.0835+0.0074i	-0.0818+0.0100i	-0.1467+0.2151i	-0.0594-0.0722i
78.4	-0.5897-0.7624i	0.4822+0.9101i	0.1768-0.0532i	-0.2748+0.0812i	-0.0880+0.0192i	-0.0890+0.0186i	-0.1513+0.2266i	-0.0718-0.0547i
78.5	-0.5809-0.7364i	0.4674+0.9317i	0.1830-0.0467i	-0.2702+0.0941i	-0.0901+0.0214i	-0.0898+0.0185i	-0.1577+0.2307i	-0.0671-0.0471i
78.6	-0.5902-0.7272i	0.5127+0.9623i	0.1671-0.0258i	-0.2551+0.1164i	-0.0898+0.0298i	-0.0929+0.0254i	-0.1662+0.2414i	-0.0648-0.0334i
78.7	-0.5990-0.7271i	0.5605+0.9610i	0.1934-0.0578i	-0.2066+0.1011i	-0.0948+0.0339i	-0.0964+0.0350i	-0.1569+0.2491i	-0.0727-0.0216i
78.8	-0.6395-0.6890i	0.6185+0.9346i	0.1906-0.0418i	-0.1746+0.1189i	-0.0933+0.0454i	-0.0936+0.0405i	-0.1480+0.2582i	-0.0846-0.0040i
78.9	-0.6435-0.6216i	0.6238+0.8988i	0.1535-0.0381i	-0.2345+0.1802i	-0.0918+0.0519i	-0.0965+0.0476i	-0.1315+0.2690i	-0.0944-0.0069i
79.0	-0.5313-0.6927i	0.6398+0.9410i	0.2017-0.0180i	-0.0968+0.2132i	-0.0901+0.0558i	-0.0890+0.0476i	-0.1161+0.2493i	-0.0875+0.0144i
79.1	-0.6011-0.7389i	0.6669+0.9333i	0.1558-0.0587i	-0.1087+0.1203i	-0.0907+0.0508i	-0.0971+0.0472i	-0.1485+0.2548i	-0.0823+0.0161i
79.2	-0.6073-0.7508i	0.6965+0.9295i	0.1629-0.0237i	-0.1283+0.1144i	-0.0973+0.0565i	-0.0976+0.0539i	-0.1467+0.2725i	-0.0746+0.0159i
79.3	-0.6596-0.7409i	0.7422+0.9571i	0.1638-0.0019i	-0.1142+0.1493i	-0.0909+0.0649i	-0.0996+0.0574i	-0.1313+0.2870i	-0.0782+0.0259i
79.4	-0.6847-0.7201i	0.7869+0.9185i	0.1905-0.0584i	-0.0885+0.1246i	-0.0899+0.0696i	-0.0970+0.0644i	-0.1243+0.2930i	-0.0853+0.0395i
79.5	-0.6892-0.7059i	0.7870+0.8984i	0.1979-0.0509i	-0.1079+0.1052i	-0.0886+0.0699i	-0.0973+0.0623i	-0.1181+0.2859i	-0.0845+0.0281i
79.6	-0.7228-0.7039i	0.8152+0.8663i	0.1957-0.0672i	-0.0481+0.1360i	-0.0891+0.0679i	-0.0960+0.0684i	-0.1117+0.2937i	-0.0763+0.0288i
79.7	-0.7540-0.6882i	0.8599+0.8550i	0.1750-0.0657i	-0.0792+0.1223i	-0.0833+0.0749i	-0.0956+0.0734i	-0.0988+0.2963i	-0.0825+0.0387i
79.8	-0.7573-0.6912i	0.8886+0.8205i	0.1566-0.0409i	-0.0289+0.0976i	-0.0833+0.0730i	-0.0917+0.0729i	-0.0924+0.2939i	-0.0808+0.0467i
79.9	-0.7983-0.6674i	0.9109+0.8156i	0.1937-0.0550i	-0.0442+0.0747i	-0.0846+0.0755i	-0.0931+0.0710i	-0.0919+0.2887i	-0.0738+0.0413i
80.0	-0.8256-0.6716i	0.9467+0.7764i	0.1199-0.0697i	-0.0537+0.0607i	-0.0825+0.0782i	-0.0904+0.0758i	-0.0999+0.2882i	-0.0757+0.0572i

1.1.4 Run 1 – IP000-200 – SF and shaft bending gauges

In-plane shaking at 0° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0317+0.0000i	-0.2238+0.0000i	-0.2994+0.0000i	-0.1379+0.0000i	7.3036+0.0000i	3.6710+0.0000i	8.0265+0.0000i	-1.4293+0.0000i
0.1	-0.0179-0.0039i	0.0039+0.0022i	-0.0046-0.0023i	-0.0107-0.0024i	4.1077+0.1873i	-9.4954+0.1455i	3.5186-0.0902i	-3.6678+0.0273i
0.2	-0.0173-0.0006i	-0.0238+0.0023i	-0.0115-0.0007i	-0.0167-0.0049i	10.3937-2.2538i	-14.9618+2.4624i	6.1460-0.9829i	-5.7170+0.8596i
0.3	-0.0087+0.0006i	-0.0270-0.0026i	-0.0065+0.0031i	-0.0201+0.0002i	13.1475+0.9104i	-17.7527-0.0346i	6.8026+0.1820i	-6.4262-0.1178i
0.4	-0.0049+0.0087i	-0.0342+0.0016i	-0.0088+0.0092i	-0.0125+0.0017i	9.9624-0.6825i	-14.0640+1.7826i	5.0591-0.4417i	-4.5155+0.8388i
0.5	-0.0008-0.0002i	-0.0103-0.0005i	-0.0065+0.0036i	-0.0048+0.0031i	4.9658-1.1434i	-8.1847+0.6476i	1.5548-0.3786i	-1.8907-0.2653i
0.6	-0.0023-0.0068i	0.0258+0.0058i	0.0029+0.0107i	-0.0011-0.0026i	3.4219+0.1760i	-8.6271-0.0624i	3.8290+0.4575i	-4.7722-0.7501i
0.7	-0.0213-0.0017i	-0.0242-0.0100i	-0.0098-0.0014i	-0.0226-0.0005i	19.9611+1.7463i	-24.8600+0.9901i	14.0840+0.5956i	-12.6959+0.0062i
0.8	-0.0205+0.0102i	-0.0249+0.0250i	-0.0170+0.0098i	-0.0175+0.0154i	19.7426+0.2691i	-24.0315-1.4464i	12.9942-0.1328i	-11.4417-1.3865i
0.9	-0.0090+0.0103i	-0.0474+0.0191i	-0.0223+0.0114i	-0.0262+0.0113i	17.7806+0.0978i	-20.0144-1.1273i	10.0909+0.5048i	-8.3276-1.4770i
1.0	0.0034+0.0167i	-0.0034+0.0715i	-0.0003+0.0343i	0.0007+0.0400i	21.2639-0.0681i	-29.1559-5.0383i	15.2238+1.4025i	-15.2866-4.2879i
1.1	0.0086-0.0027i	0.0594+0.0268i	0.0274+0.0103i	0.0277+0.0105i	16.8694-1.0129i	-28.3645+0.7422i	11.5418-0.8969i	-14.0460+0.0013i
1.2	-0.0004-0.0077i	0.0560-0.0481i	0.0230-0.0218i	0.0236-0.0237i	16.6931+2.1463i	-27.2707+2.8673i	11.3043+0.3653i	-13.3314+1.4581i
1.3	-0.0169-0.0034i	-0.0417-0.0061i	-0.0203-0.0031i	-0.0243-0.0036i	20.0472+0.1975i	-23.0145+1.7360i	12.2065-0.4605i	-10.6267+0.6888i
1.4	-0.0140-0.0004i	-0.0258-0.0011i	-0.0129-0.0004i	-0.0169-0.0017i	19.6785+0.2523i	-23.9949+1.3050i	12.0691-0.3596i	-11.1538+0.4750i
1.5	-0.0114-0.0038i	-0.0320+0.0154i	-0.0141+0.0039i	-0.0185+0.0032i	19.5228+0.1474i	-24.0838+1.0841i	11.9780-0.3950i	-11.1993+0.3494i
1.6	-0.0209+0.0013i	-0.0006+0.0093i	-0.0064+0.0037i	-0.0108+0.0032i	19.5195+0.0653i	-24.2410+0.9725i	11.8906-0.4201i	-11.2543+0.3073i
1.7	-0.0196+0.0052i	-0.0083+0.0021i	-0.0082+0.0025i	-0.0130+0.0019i	19.5559+0.0381i	-24.3897+0.9516i	11.8943-0.4215i	-11.3221+0.3109i
1.8	-0.0226+0.0073i	-0.0106+0.0015i	-0.0098+0.0030i	-0.0148+0.0026i	19.7229-0.0181i	-24.5444+0.9938i	11.9650-0.4513i	-11.3809+0.3482i
1.9	-0.0274+0.0127i	-0.0119+0.0039i	-0.0118+0.0055i	-0.0170+0.0053i	19.9250-0.1068i	-24.7338+0.9742i	12.0697-0.4656i	-11.4606+0.3311i
2.0	-0.0350+0.0241i	-0.0116+0.0104i	-0.0141+0.0112i	-0.0198+0.0109i	20.5010-0.0796i	-25.4202+0.7582i	12.4407-0.4273i	-11.7868+0.2066i
2.1	-0.0197+0.0778i	0.0131+0.0445i	-0.0005+0.0397i	-0.0073+0.0399i	21.4395-0.6625i	-27.0349+0.5805i	13.0840-0.7426i	-12.6494+0.0246i
2.2	0.0425+0.0102i	0.0891-0.0353i	0.0461-0.0096i	0.0376-0.0068i	22.6179-0.7665i	-30.3145+2.4038i	14.1327-0.9588i	-14.4972+1.1191i
2.3	0.0134+0.0384i	-0.0864-0.2100i	-0.0262-0.0632i	-0.0252-0.0497i	17.4183-14.4124i	-20.4061+22.1917i	10.4815-10.3775i	-9.4046+11.5372i
2.4	0.0245-0.0038i	-0.0745+0.0050i	-0.0182+0.0014i	-0.0175-0.0000i	13.6543-1.5041i	-15.9362+2.4070i	7.7466-1.2461i	-6.9133+1.1628i
2.5	0.0174-0.0036i	-0.0435+0.0087i	-0.0094+0.0023i	-0.0113+0.0013i	15.9395-0.5207i	-19.3600+1.1996i	9.3098-0.6151i	-8.7023+0.5200i
2.6	0.0121-0.0041i	-0.0331+0.0077i	-0.0070+0.0017i	-0.0098+0.0006i	16.8435-0.1754i	-20.6134+0.8080i	9.9104-0.3914i	-9.3384+0.3276i
2.7	0.0102-0.0037i	-0.0291+0.0068i	-0.0061+0.0017i	-0.0095+0.0006i	17.2972-0.1716i	-21.2208+0.8069i	10.2138-0.4038i	-9.6625+0.3328i
2.8	0.0082-0.0032i	-0.0264+0.0063i	-0.0058+0.0016i	-0.0095+0.0006i	17.5721-0.1172i	-21.6049+0.6974i	10.3868-0.3570i	-9.8487+0.2821i
2.9	0.0066-0.0032i	-0.0243+0.0055i	-0.0055+0.0013i	-0.0093+0.0003i	17.7901-0.0827i	-21.9603+0.6732i	10.5588-0.3355i	-10.0434+0.2751i
3.0	0.0054-0.0035i	-0.0231+0.0053i	-0.0054+0.0011i	-0.0093+0.0003i	17.9766-0.1293i	-22.1916+0.7342i	10.6587-0.3580i	-10.1581+0.3119i
3.1	0.0048-0.0035i	-0.0226+0.0049i	-0.0055+0.0010i	-0.0095+0.0001i	18.1329-0.0594i	-22.3901+0.6421i	10.7693-0.3099i	-10.2594+0.2682i
3.2	0.0043-0.0033i	-0.0222+0.0048i	-0.0054+0.0009i	-0.0095+0.0002i	18.2593-0.0839i	-22.5433+0.6638i	10.8543-0.3220i	-10.3449+0.2797i
3.3	0.0037-0.0034i	-0.0220+0.0047i	-0.0055+0.0011i	-0.0096+0.0001i	18.4094-0.0828i	-22.7389+0.6550i	10.9575-0.3140i	-10.4479+0.2796i
3.4	0.0037-0.0037i	-0.0219+0.0047i	-0.0055+0.0008i	-0.0099+0.0000i	18.4883-0.0701i	-22.8322+0.6260i	11.0089-0.3080i	-10.5007+0.2671i
3.5	0.0035-0.0036i	-0.0218+0.0045i	-0.0055+0.0008i	-0.0099-0.0000i	18.6306+0.0013i	-23.0207+0.5370i	11.1103-0.2320i	-10.5996+0.1968i
3.6	0.0031-0.0034i	-0.0216+0.0050i	-0.0055+0.0011i	-0.0100+0.0001i	18.8168-0.0396i	-23.2124+0.5656i	11.2506-0.2834i	-10.7197+0.2500i
3.7	0.0028-0.0042i	-0.0216+0.0048i	-0.0056+0.0006i	-0.0102-0.0002i	18.8354-0.0709i	-23.2718+0.6025i	11.2585-0.2981i	-10.7530+0.2734i
3.8	0.0030-0.0041i	-0.0217+0.0050i	-0.0055+0.0007i	-0.0103-0.0000i	18.9528-0.1326i	-23.4250+0.6728i	11.3320-0.3407i	-10.8301+0.3095i
3.9	0.0026-0.0044i	-0.0215+0.0050i	-0.0055+0.0009i	-0.0104-0.0001i	19.0921-0.1102i	-23.5827+0.6280i	11.4255-0.3240i	-10.9129+0.2898i
4.0	0.0021-0.0039i	-0.0214+0.0051i	-0.0054+0.0008i	-0.0104+0.0002i	19.1627-0.0461i	-23.6686+0.5464i	11.4920-0.2821i	-10.9642+0.2489i
4.1	0.0021-0.0042i	-0.0218+0.0050i	-0.0057+0.0009i	-0.0106+0.0001i	19.3134-0.2149i	-23.8404+0.7200i	11.5843-0.3647i	-11.0588+0.3416i
4.2	0.0028-0.0048i	-0.0221+0.0052i	-0.0054+0.0008i	-0.0107-0.0003i	19.3762-0.0327i	-23.9580+0.5471i	11.6476-0.2765i	-11.1216+0.2631i
4.3	0.0019-0.0044i	-0.0218+0.0055i	-0.0057+0.0007i	-0.0109-0.0002i	19.6170-0.1478i	-24.2120+0.6637i	11.7900-0.3318i	-11.2527+0.3080i
4.4	0.0013-0.0045i	-0.0217+0.0065i	-0.0056+0.0011i	-0.0110+0.0005i	19.6068-0.1044i	-24.2403+0.5633i	11.8052-0.3076i	-11.2908+0.2738i
4.5	0.0024-0.0065i	-0.0214+0.0079i	-0.0051+0.0008i	-0.0107+0.0002i	19.6952-0.1374i	-24.4050+0.6126i	11.8703-0.3235i	-11.3805+0.3061i
4.6	0.0028-0.0065i	-0.0219+0.0079i	-0.0053+0.0008i	-0.0108-0.0000i	19.8388-0.1049i	-24.5401+0.5981i	11.9723-0.3093i	-11.4568+0.2987i
4.7	0.0031-0.0063i	-0.0222+0.0074i	-0.0052+0.0007i	-0.0110+0.0001i	20.1123-0.1317i	-24.8506+0.6273i	12.1466-0.3311i	-11.6153+0.3038i
4.8	0.0035-0.0061i	-0.0227+0.0071i	-0.0054+0.0008i	-0.0110+0.0003i	20.0805-0.1025i	-24.8858+0.5362i	12.1529-0.2858i	-11.6525+0.2563i
4.9	0.0021-0.0072i	-0.0224+0.0082i	-0.0057+0.0009i	-0.0114+0.0003i	20.2636-0.1083i	-25.1466+0.5774i	12.3000-0.3103i	-11.8323+0.3085i
5.0	0.0020-0.0073i	-0.0225+0.0091i	-0.0056+0.0013i	-0.0114+0.0005i	20.4449-0.2034i	-25.3054+0.6915i	12.4149-0.3791i	-11.8957+0.3670i
5.1	0.0020-0.0080i	-0.0233+0.0095i	-0.0055+0.0012i	-0.0116+0.0002i	20.5344-0.1567i	-25.4640+0.6067i	12.5012-0.3492i	-11.9816+0.3245i
5.2	0.0039-0.0063i	-0.0235+0.0082i	-0.0051+0.0009i	-0.0116+0.0006i	20.8116-0.2682i	-25.7882+0.7388i	12.6723-0.4217i	-12.1479+0.3830i
5.3	0.0039-0.0071i	-0.0245+0.0096i	-0.0048+0.0010i	-0.0119+0.0007i	21.0288-0.2611i	-26.0711+0.7391i	12.8351-0.4186i	-12.3101+0.3883i
5.4	0.0022-0.0098i	-0.0231+0.0126i	-0.0055+0.0012i	-0.0123+0.0007i	21.1480-0.3055i	-26.2307+0.8251i	12.9119-0.4398i	-12.4115+0.4261i
5.5	0.0042-0.0086i	-0.0245+0.0120i	-0.0048+0.0014i	-0.0120+0.0011i	21.2931-0.3567i	-26.4105+0.8390i	13.0380-0.4678i	-12.5097+0.4344i
5.6	0.0038-0.0108i	-0.0241+0.0142i	-0.0046+0.0017i	-0.0119+0.0011i	21.5282-0.4098i	-26.7101+0.9108i	13.2055-0.5185i	-12.6773+0.4972i

5.7	0.0034-0.0105i	-0.0236+0.0151i	-0.0046+0.0021i	-0.0123+0.0014i	21.6818-0.4922i	-26.9441+1.0154i	13.3205-0.5740i	-12.8077+0.5539i
5.8	0.0050-0.0117i	-0.0248+0.0169i	-0.0043+0.0022i	-0.0121+0.0020i	21.9101-0.5158i	-27.2432+1.0599i	13.4957-0.5861i	-12.9923+0.5870i
5.9	0.0050-0.0139i	-0.0234+0.0195i	-0.0035+0.0023i	-0.0121+0.0023i	22.0281-0.6370i	-27.3867+1.1957i	13.5817-0.6927i	-13.0598+0.6592i
6.0	0.0065-0.0156i	-0.0212+0.0206i	-0.0021+0.0022i	-0.0114+0.0021i	22.1165-0.5210i	-27.5597+1.0417i	13.6601-0.6001i	-13.1891+0.5737i
6.1	0.0049-0.0181i	-0.0184+0.0217i	-0.0020+0.0015i	-0.0110+0.0017i	22.3374-0.7708i	-27.8735+1.3275i	13.8249-0.7401i	-13.3587+0.7147i
6.2	0.0051-0.0202i	-0.0175+0.0229i	-0.0004+0.0009i	-0.0111+0.0013i	22.5089-0.5406i	-28.1862+1.0828i	13.9879-0.6355i	-13.5434+0.5875i
6.3	0.0032-0.0218i	-0.0150+0.0224i	-0.0002+0.0004i	-0.0112+0.0010i	22.7105-0.7808i	-28.4123+1.4405i	14.1341-0.7804i	-13.6769+0.7923i
6.4	0.0018-0.0232i	-0.0151+0.0219i	0.0001-0.0006i	-0.0125+0.0007i	23.2455-0.7547i	-29.1020+1.4719i	14.5020-0.7849i	-14.0532+0.8193i
6.5	-0.0009-0.0251i	-0.0134+0.0226i	0.0008-0.0011i	-0.0136+0.0007i	23.5421-0.7599i	-29.5039+1.5364i	14.7279-0.8025i	-14.3099+0.8557i
6.6	-0.0001-0.0254i	-0.0133+0.0224i	0.0020-0.0024i	-0.0141+0.0009i	23.9559-0.8733i	-30.0530+1.7134i	15.0298-0.8794i	-14.6091+0.9746i
6.7	-0.0041-0.0245i	-0.0089+0.0207i	0.0032-0.0037i	-0.0156+0.0020i	24.2416-1.0127i	-30.4708+1.8997i	15.2655-0.9957i	-14.8624+1.0758i
6.8	-0.0047-0.0266i	-0.0081+0.0203i	0.0048-0.0060i	-0.0170+0.0028i	24.7844-1.3542i	-31.1488+2.3763i	15.6489-1.2445i	-15.2489+1.3383i
6.9	-0.0059-0.0300i	-0.0052+0.0217i	0.0075-0.0089i	-0.0186+0.0045i	25.4277-1.7855i	-32.0167+3.0289i	16.1279-1.5784i	-15.7457+1.7271i
7.0	-0.0080-0.0308i	-0.0033+0.0190i	0.0100-0.0162i	-0.0207+0.0097i	25.8929-2.8071i	-32.6533+4.4039i	16.4789-2.3156i	-16.1126+2.5026i
7.1	-0.0156-0.0371i	0.0039+0.0178i	0.0067-0.0309i	-0.0182+0.0195i	25.9286-4.6742i	-32.5606+7.1579i	16.4816-3.7370i	-16.0257+4.0565i
7.2	-0.0336-0.0367i	0.0054+0.0075i	-0.0157-0.0386i	-0.0057+0.0213i	23.5217-5.2473i	-28.9344+7.9609i	14.6785-4.1501i	-14.0055+4.5437i
7.3	-0.0363-0.0231i	-0.0049+0.0051i	-0.0272-0.0250i	-0.0026+0.0155i	23.2163-3.8618i	-28.4308+5.9065i	14.4564-3.1191i	-13.7019+3.3611i
7.4	-0.0332-0.0092i	-0.0069+0.0102i	-0.0333-0.0145i	0.0043+0.0172i	22.2943-3.7891i	-27.2731+5.4552i	13.7958-2.9987i	-13.0912+3.1099i
7.5	-0.0213-0.0074i	-0.0063+0.0088i	-0.0277-0.0038i	0.0080+0.0062i	22.7223-1.9650i	-28.0337+2.9997i	14.1417-1.6501i	-13.4909+1.7119i
7.6	-0.0199-0.0106i	-0.0060+0.0083i	-0.0232-0.0023i	0.0041+0.0018i	23.8794-1.6909i	-29.6333+2.7507i	15.0118-1.4780i	-14.4359+1.5920i
7.7	-0.0211-0.0097i	-0.0060+0.0072i	-0.0209-0.0018i	0.0014+0.0008i	24.5174-1.6399i	-30.4730+2.6543i	15.5026-1.4443i	-14.9261+1.5458i
7.8	-0.0193-0.0118i	-0.0075+0.0077i	-0.0200-0.0016i	0.0002-0.0003i	25.4102-1.8306i	-31.6406+2.9536i	16.1828-1.5980i	-15.5614+1.6964i
7.9	-0.0196-0.0126i	-0.0081+0.0079i	-0.0205-0.0020i	-0.0001-0.0005i	26.0498-2.3228i	-32.4662+3.6636i	16.6352-1.9863i	-16.0453+2.1389i
8.0	-0.0202-0.0124i	-0.0086+0.0054i	-0.0214-0.0014i	0.0004-0.0027i	26.0353-2.0972i	-32.4103+3.3793i	16.6138-1.8640i	-15.9885+1.9913i
8.1	-0.0216-0.0076i	-0.0088+0.0061i	-0.0207-0.0002i	-0.0013-0.0006i	26.7654-2.7315i	-33.2831+4.1278i	17.1248-2.2817i	-16.5155+2.3593i
8.2	-0.0204-0.0092i	-0.0102+0.0067i	-0.0221+0.0006i	-0.0003-0.0021i	27.1650-2.5764i	-33.7611+3.9464i	17.4693-2.1990i	-16.7930+2.3161i
8.3	-0.0210-0.0094i	-0.0112+0.0073i	-0.0229+0.0017i	-0.0006-0.0031i	27.8091-2.7237i	-34.5327+4.1333i	17.9346-2.2937i	-17.2135+2.4380i
8.4	-0.0208-0.0110i	-0.0135+0.0089i	-0.0240+0.0034i	-0.0010-0.0042i	28.6894-2.8779i	-35.6922+4.3321i	18.5832-2.4039i	-17.8457+2.5411i
8.5	-0.0206-0.0096i	-0.0129+0.0091i	-0.0242+0.0041i	-0.0001-0.0045i	29.3412-3.3217i	-36.5530+4.9054i	19.0820-2.8014i	-18.3561+2.9165i
8.6	-0.0202-0.0101i	-0.0132+0.0109i	-0.0249+0.0057i	0.0013-0.0057i	30.6782-3.9333i	-38.3005+5.6857i	20.0524-3.1953i	-19.3434+3.3133i
8.7	-0.0200-0.0106i	-0.0147+0.0119i	-0.0272+0.0077i	0.0018-0.0077i	31.5003-4.5764i	-39.4095+6.6293i	20.7034-3.7556i	-20.0044+3.8719i
8.8	-0.0204-0.0103i	-0.0137+0.0134i	-0.0288+0.0118i	0.0030-0.0101i	32.9691-6.2534i	-41.1848+8.7295i	21.7297-4.9877i	-20.9751+5.0224i
8.9	-0.0232-0.0121i	-0.0144+0.0157i	-0.0294+0.0164i	0.0012-0.0143i	33.3443-8.0933i	-41.5237+11.0871i	22.0002-6.3906i	-21.1561+6.3771i
9.0	-0.0263-0.0121i	-0.0130+0.0238i	-0.0298+0.0259i	0.0011-0.0185i	33.9322-11.5601i	-42.2680+15.5556i	22.3998-8.9218i	-21.5572+8.9045i
9.1	-0.0252-0.0093i	-0.0027+0.0212i	-0.0201+0.0272i	-0.0023-0.0193i	30.9480-11.8972i	-38.6082+15.9564i	20.2244-9.1307i	-19.5169+9.1479i
9.2	-0.0291-0.0131i	0.0000+0.0262i	-0.0230+0.0354i	0.0006-0.0276i	33.5048-15.9349i	-41.9358+21.1503i	22.1091-12.1592i	-21.4419+12.0606i
9.3	-0.0357-0.0058i	0.0146+0.0227i	-0.0041+0.0460i	-0.0135-0.0362i	26.7831-21.5996i	-33.1679+28.4354i	17.0561-16.2843i	-16.4598+16.1833i
9.4	-0.0341+0.0025i	0.0188+0.0069i	0.0140+0.0365i	-0.0276-0.0294i	19.0958-18.4499i	-23.0838+24.2637i	11.4057-13.8821i	-10.7453+13.8179i
9.5	-0.0292+0.0055i	0.0133-0.0022i	0.0180+0.0225i	-0.0320-0.0190i	16.7471-12.5221i	-20.0930+16.6147i	9.7317-9.4672i	-9.0484+9.4785i
9.6	-0.0238+0.0054i	0.0057-0.0062i	0.0153+0.0127i	-0.0309-0.0120i	17.8623-8.2063i	-21.5815+11.0948i	10.5833-6.2785i	-9.9285+6.3772i
9.7	-0.0206+0.0044i	0.0014-0.0087i	0.0122+0.0074i	-0.0277-0.0094i	19.4912-5.7053i	-23.7715+7.9851i	11.8259-4.4300i	-11.1914+4.6141i
9.8	-0.0189+0.0028i	-0.0026-0.0095i	0.0089+0.0039i	-0.0258-0.0079i	21.2977-4.3734i	-26.1007+6.3431i	13.1726-3.4442i	-12.5195+3.6607i
9.9	-0.0204+0.0019i	-0.0048-0.0075i	0.0059+0.0032i	-0.0254-0.0064i	22.8490-3.6365i	-27.9795+5.3002i	14.3593-2.9203i	-13.6122+3.1035i
10.0	-0.0205+0.0011i	-0.0078-0.0073i	0.0035+0.0016i	-0.0243-0.0057i	24.1136-3.1285i	-29.6373+4.7509i	15.3375-2.5511i	-14.5692+2.8117i
10.1	-0.0207-0.0003i	-0.0083-0.0059i	0.0021+0.0013i	-0.0240-0.0051i	25.4209-2.6239i	-31.2834+4.0506i	16.3411-2.2062i	-15.5180+2.4104i
10.2	-0.0208+0.0001i	-0.0091-0.0041i	0.0008+0.0017i	-0.0232-0.0046i	26.7840-2.5502i	-32.9804+3.7048i	17.3778-2.1203i	-16.4890+2.1879i
10.3	-0.0189+0.0014i	-0.0098-0.0053i	0.0004+0.0024i	-0.0223-0.0041i	28.0623-2.4744i	-34.7537+3.6156i	18.3685-2.1053i	-17.5274+2.1583i
10.4	-0.0188+0.0013i	-0.0095-0.0054i	0.0013+0.0012i	-0.0219-0.0047i	28.9813-2.6350i	-36.0196+3.9215i	19.0515-2.2143i	-18.2563+2.3381i
10.5	-0.0192-0.0002i	-0.0083-0.0059i	0.0010-0.0001i	-0.0217-0.0046i	30.0037-2.5100i	-37.4078+3.8841i	19.8410-2.1745i	-19.0550+2.3389i
10.6	-0.0175-0.0036i	-0.0102-0.0095i	0.0006-0.0028i	-0.0216-0.0076i	31.1589-1.9429i	-38.9408+3.5966i	20.7111-1.7413i	-19.9505+2.1734i
10.7	-0.0194-0.0048i	-0.0149-0.0110i	-0.0018-0.0046i	-0.0237-0.0090i	32.5009-1.6702i	-40.4234+3.5991i	21.7242-1.5828i	-20.7768+2.1744i
10.8	-0.0202-0.0042i	-0.0173-0.0128i	-0.0030-0.0048i	-0.0246-0.0086i	33.7651-1.6248i	-41.8156+3.7189i	22.6795-1.5479i	-21.6091+2.2238i
10.9	-0.0209-0.0049i	-0.0199-0.0112i	-0.0047-0.0049i	-0.0264-0.0085i	35.2771-1.9352i	-43.5910+4.0600i	23.8431-1.8511i	-22.6281+2.4789i
11.0	-0.0212-0.0031i	-0.0222-0.0096i	-0.0057-0.0035i	-0.0271-0.0069i	36.4291-2.2938i	-45.1460+4.3161i	24.7305-2.1333i	-23.5705+2.5982i
11.1	-0.0182-0.0038i	-0.0227-0.0145i	-0.0045-0.0067i	-0.0256-0.0092i	37.6090-2.0049i	-46.9885+4.5363i	25.6553-1.9533i	-24.6164+2.7654i
11.2	-0.0166-0.0061i	-0.0265-0.0217i	-0.0058-0.0102i	-0.0271-0.0127i	39.4307-1.5852i	-49.0789+5.0898i	27.0239-1.7153i	-25.8189+3.1229i
11.3	-0.0190-0.0129i	-0.0382-0.0249i	-0.0110-0.0150i	-0.0334-0.0176i	41.8693-1.0830i	-50.9623+5.8135i	28.8952-1.4390i	-26.8849+3.6176i
11.4	-0.0242-0.0198i	-0.0521-0.0239i	-0.0190-0.0177i	-0.0419-0.0197i	45.0001-0.8641i	-53.0563+6.2951i	31.1242-1.4498i	-28.0090+3.9101i
11.5	-0.0375-0.0247i	-0.0726-0.0140i	-0.0334-0.0156i	-0.0559-0.0173i	48.9427-1.2732i	-54.7042+6.5699i	33.8231-1.7495i	-28.8535+4.0426i
11.6	-0.0484-0.0223i	-0.0737+0.0042i	-0.0382-0.0077i	-0.0612-0.0090i	52.3872-3.1681i	-57.4576+7.2925i	36.2663-3.0389i	-30.3732+4.4112i
11.7	-0.0584-0.0190i	-0.0755+0.0130i	-0.0439-0.0021i	-0.0671-0.0031i	55.1516-4.1608i	-59.5103+7.3001i	38.3190-3.6769i	-31.5155+4.4186i
11.8	-0.0673-0.0108i	-0.0762+0.0218i	-0.0468+0.0048i	-0.0707+0.0042i	58.4681-5.9107i	-62.8794+7.9261i	40.7569-4.8465i	-33.4574+4.7037i
11.9	-0.0699-0.0037i	-0.0727+0.0270i	-0.0468+0.0102i	-0.0716+0.0092i	61.7150-7.0102i	-67.0740+7.9737i	43.3278-5.6423i	-35.9687+4.6956i

12.0	-0.0823+0.0051i	-0.0803+0.0385i	-0.0547+0.0180i	-0.0800+0.0182i	67.8102-10.8196i	-72.3630+10.8525i	47.8407-8.3420i	-38.9168+6.2487i
12.1	-0.0902+0.0102i	-0.0851+0.0392i	-0.0591+0.0204i	-0.0854+0.0206i	72.3292-12.0189i	-76.9858+11.8196i	51.3501-9.2740i	-41.5732+6.8032i
12.2	-0.1002+0.0143i	-0.0985+0.0459i	-0.0679+0.0253i	-0.0961+0.0238i	80.0892-13.9923i	-84.4111+13.5347i	57.0630-10.8311i	-45.7589+7.7606i
12.3	-0.1231+0.0317i	-0.1160+0.0667i	-0.0838+0.0414i	-0.1151+0.0424i	88.5891-20.0590i	-90.8628+17.4518i	63.2867-15.1342i	-49.2422+9.7949i
12.4	-0.1489+0.0442i	-0.1463+0.0871i	-0.1064+0.0557i	-0.1402+0.0548i	99.2283-24.9768i	-98.6732+21.2004i	71.0828-18.7754i	-53.4380+11.8888i
12.5	-0.1669+0.0851i	-0.1622+0.1314i	-0.1180+0.0902i	-0.1572+0.0920i	110.5112-38.4300i	-108.8831+30.1289i	79.3106-28.4543i	-59.1870+16.6041i
12.6	-0.2042+0.1282i	-0.1956+0.1836i	-0.1442+0.1285i	-0.1899+0.1329i	125.3600-50.8867i	-119.7728+37.1872i	90.1356-37.3227i	-65.0817+20.1701i
12.7	-0.2506+0.2077i	-0.2287+0.2789i	-0.1745+0.1992i	-0.2280+0.2074i	142.5487-74.0429i	-131.8069+49.9753i	102.5333-53.7520i	-71.4785+26.5947i
12.8	-0.2649+0.3223i	-0.2265+0.4064i	-0.1767+0.2927i	-0.2383+0.3138i	155.1755-105.5867i	-144.1879+66.5729i	111.9770-76.1141i	-78.4718+34.7757i
12.9	-0.1713+0.5778i	-0.0856+0.6651i	-0.0810+0.4972i	-0.1450+0.5425i	145.1750-180.9565i	-148.4704+107.9965i	105.8746-129.6124i	-82.2695+55.4445i
13.0	0.1456+0.8916i	0.2995+0.9467i	0.2023+0.7335i	0.1511+0.8163i	88.5262-279.2983i	-138.1868+163.0174i	67.8374-199.2063i	-80.5318+83.0266i
13.1	0.7205+0.8201i	0.8956+0.7825i	0.6723+0.6364i	0.6701+0.7350i	-52.4962-301.7956i	-82.0159+197.3713i	-29.8092-217.4079i	-56.0499+103.7915i
13.2	1.0589+0.3238i	1.1735+0.2121i	0.9208+0.2061i	0.9596+0.2801i	-156.6238-210.8846i	-30.0066+180.9378i	-103.0725-156.6165i	-30.9812+101.1570i
13.3	1.0811-0.1011i	1.1347-0.2211i	0.9172-0.1429i	0.9688-0.0974i	-181.9641-125.2541i	-11.6161+162.3281i	-121.4602-98.9532i	-21.1661+96.6228i
13.4	0.9760-0.4386i	0.9925-0.5396i	0.8166-0.4117i	0.8695-0.3914i	-176.3691-58.6066i	-2.8102+152.5680i	-118.6056-54.6735i	-14.8457+96.2967i
13.5	0.7973-0.7248i	0.7944-0.8050i	0.6625-0.6390i	0.7107-0.6392i	-158.6800-10.6599i	7.2333+157.0692i	-108.2859-24.1078i	-6.5160+103.7721i
13.6	0.4717-0.9227i	0.4668-0.9762i	0.3946-0.7924i	0.4254-0.8083i	-117.7028+26.6941i	21.2924+159.0339i	-83.3839-0.0960i	6.6645+108.6220i
13.7	0.1061-0.9627i	0.1074-1.0047i	0.0954-0.8222i	0.1079-0.8430i	-78.4376+43.1760i	49.9647+154.1016i	-61.1003+11.2064i	29.5211+106.8948i
13.8	-0.1603-0.8484i	-0.1544-0.8921i	-0.1244-0.7295i	-0.1237-0.7463i	-50.4933+41.5117i	74.3929+137.3140i	-45.6118+11.9700i	48.4348+95.5495i
13.9	-0.3345-0.6400i	-0.3246-0.6909i	-0.2678-0.5610i	-0.2749-0.5692i	-28.8287+30.5247i	88.5971+110.5325i	-33.0966+7.8636i	59.9537+76.6832i
14.0	-0.3729-0.4794i	-0.3697-0.5348i	-0.3037-0.4300i	-0.3113-0.4317i	-19.5986+22.6596i	88.6363+87.1508i	-27.1104+5.3000i	60.8686+60.3101i
14.1	-0.3833-0.3453i	-0.3911-0.4005i	-0.3186-0.3183i	-0.3249-0.3159i	-11.9977+16.6006i	84.8344+66.0175i	-21.8010+3.6878i	59.0877+45.6427i
14.2	-0.3643-0.2605i	-0.3777-0.3116i	-0.3061-0.2450i	-0.3107-0.2412i	-8.0366+11.0046i	77.8556+54.0142i	-18.4582+1.3472i	54.8118+37.0925i
14.3	-0.3532-0.1916i	-0.3727-0.2396i	-0.2991-0.1854i	-0.3035-0.1815i	-2.5325+9.4062i	69.7578+40.5500i	-14.0761+1.7884i	49.9448+27.9604i
14.4	-0.3281-0.1454i	-0.3469-0.1875i	-0.2779-0.1439i	-0.2817-0.1403i	-1.0351+5.7292i	62.9289+34.2698i	-12.3637+0.1088i	45.5327+23.3872i
14.5	-0.3060-0.1100i	-0.3292-0.1490i	-0.2611-0.1110i	-0.2648-0.1091i	1.0433+4.8312i	56.2003+26.8425i	-10.3526+0.2813i	41.2606+18.4097i
14.6	-0.2873-0.0876i	-0.3086-0.1201i	-0.2425-0.0896i	-0.2480-0.0874i	3.1889+2.8648i	48.5515+23.7210i	-8.1968-0.5601i	36.3847+16.0721i
14.7	-0.2720-0.0723i	-0.2954-0.1088i	-0.2307-0.0787i	-0.2364-0.0763i	5.0428+4.0291i	43.0884+19.4573i	-6.4252+0.6216i	32.9089+13.3693i
14.8	-0.2553-0.0560i	-0.2791-0.0867i	-0.2163-0.0630i	-0.2217-0.0602i	6.3913+1.3790i	38.1849+19.2002i	-5.0425-1.0516i	29.7999+12.9743i
14.9	-0.2544-0.0485i	-0.2795-0.0780i	-0.2167-0.0565i	-0.2216-0.0529i	8.6518+1.3485i	35.3220+17.8506i	-3.3403-0.9222i	28.1511+12.0288i
15.0	-0.2552-0.0330i	-0.2808-0.0519i	-0.2177-0.0390i	-0.2228-0.0363i	12.0109+0.1955i	31.5040+15.7986i	-0.7991-1.3505i	25.9301+10.5020i
15.1	-0.2501-0.0246i	-0.2673-0.0518i	-0.2100-0.0341i	-0.2146-0.0322i	13.0647+0.1706i	29.2941+13.0929i	0.0879-1.1696i	24.5932+8.7057i
15.2	-0.2447-0.0119i	-0.2665-0.0415i	-0.2068-0.0234i	-0.2117-0.0219i	14.5109-0.8178i	25.8851+11.1641i	1.3506-1.6122i	22.4711+7.3406i
15.3	-0.2429-0.0077i	-0.2665-0.0343i	-0.2052-0.0181i	-0.2102-0.0184i	17.9464-0.0695i	20.1305+8.3578i	4.0359-0.8045i	19.0182+5.5291i
15.4	-0.2341+0.0017i	-0.2593-0.0259i	-0.1976-0.0103i	-0.2033-0.0099i	17.4049-2.2664i	18.4035+9.1176i	3.8370-2.3137i	17.8293+5.7963i
15.5	-0.2326+0.0107i	-0.2581-0.0145i	-0.1950-0.0021i	-0.2020-0.0025i	19.3176-2.8097i	14.6116+7.8948i	5.3926-2.4725i	15.4892+4.9250i
15.6	-0.2334+0.0132i	-0.2608-0.0142i	-0.1956-0.0002i	-0.2027-0.0014i	21.0203-2.4990i	11.6632+7.2103i	6.6402-2.1915i	13.7490+4.4929i
15.7	-0.2350+0.0262i	-0.2655-0.0012i	-0.1968+0.0096i	-0.2050+0.0090i	23.9118-4.6459i	7.2246+8.0960i	8.8984-3.5764i	11.1190+4.8434i
15.8	-0.2374+0.0330i	-0.2698+0.0051i	-0.1981+0.0148i	-0.2069+0.0139i	26.2571-5.0760i	3.6675+8.1129i	10.6368-3.8026i	9.0159+4.7886i
15.9	-0.2406+0.0372i	-0.2750+0.0104i	-0.2004+0.0184i	-0.2106+0.0169i	28.3756-5.5524i	0.5104+8.2746i	12.2547-4.0490i	7.1359+4.8265i
16.0	-0.2504+0.0402i	-0.2842+0.0117i	-0.2057+0.0203i	-0.2169+0.0184i	31.4612-5.2446i	-3.2376+8.2541i	14.4085-3.8509i	4.9790+4.8091i
16.1	-0.2578+0.0534i	-0.2967+0.0232i	-0.2131+0.0297i	-0.2252+0.0271i	34.8148-6.6136i	-6.9166+9.1156i	16.7927-4.6576i	2.9518+5.2221i
16.2	-0.2636+0.0644i	-0.3116+0.0342i	-0.2201+0.0370i	-0.2335+0.0355i	38.0013-8.4318i	-10.4828+10.9960i	19.0477-5.9698i	0.9588+6.3153i
16.3	-0.2716+0.0754i	-0.3233+0.0448i	-0.2282+0.0455i	-0.2406+0.0422i	41.1862-9.7187i	-13.8310+12.6475i	21.2919-6.7949i	-0.9782+7.2157i
16.4	-0.2967+0.1029i	-0.3573+0.0736i	-0.2508+0.0662i	-0.2646+0.0630i	49.2025-14.3842i	-20.3094+17.2620i	26.7685-10.0666i	-4.3436+9.8370i
16.5	-0.3124+0.1262i	-0.3796+0.1022i	-0.2651+0.0866i	-0.2813+0.0820i	54.7442-18.3917i	-23.8846+21.0280i	30.3900-12.7206i	-6.0024+11.7850i
16.6	-0.3126+0.1344i	-0.3821+0.1151i	-0.2652+0.0959i	-0.2844+0.0899i	56.5001-20.2491i	-24.5604+22.1323i	31.5994-13.9019i	-6.2841+12.3606i
16.7	-0.3436+0.1670i	-0.4209+0.1501i	-0.2908+0.1206i	-0.3150+0.1171i	65.8701-26.2915i	-30.6319+26.2110i	37.8139-17.8193i	-9.2597+14.3520i
16.8	-0.3571+0.2029i	-0.4462+0.1836i	-0.3066+0.1476i	-0.3320+0.1453i	71.8488-32.9166i	-35.0247+30.4938i	41.7793-22.0976i	-11.4057+16.4047i
16.9	-0.3545+0.2234i	-0.4419+0.2116i	-0.3012+0.1658i	-0.3259+0.1645i	69.4272-38.5817i	-34.6223+32.9530i	40.1816-25.8315i	-11.4242+17.4008i
17.0	-0.3476+0.3241i	-0.4456+0.3300i	-0.2999+0.2495i	-0.3275+0.2504i	72.4241-59.7674i	-35.7188+49.1816i	42.2012-39.8686i	-11.8183+25.6788i
17.1	-0.3244+0.4142i	-0.4314+0.4445i	-0.2838+0.3282i	-0.3195+0.3304i	74.3109-80.7351i	-35.4023+64.5751i	43.4343-53.6528i	-11.3648+33.3999i
17.2	-0.2730+0.5050i	-0.3762+0.5542i	-0.2400+0.4044i	-0.2765+0.4193i	63.0097-106.5112i	-29.4521+78.2243i	36.1253-70.5476i	-8.7806+39.4488i
17.3	-0.1470+0.6058i	-0.2437+0.6874i	-0.1398+0.4882i	-0.1737+0.5098i	38.5782-129.3628i	-14.1218+97.7226i	20.1791-85.7410i	-1.5034+49.7287i
17.4	0.0255+0.6419i	-0.0485+0.7484i	0.0003+0.5221i	-0.0344+0.5498i	6.3085-140.4331i	11.3360+106.5041i	-1.1440-93.1623i	11.6306+54.3272i
17.5	0.1347+0.6074i	0.0778+0.7235i	0.0901+0.4979i	0.0544+0.5336i	-14.8506-139.3999i	27.0822+103.6615i	-15.0110-92.4300i	19.6146+52.5784i
17.6	0.2487+0.5526i	0.2182+0.6739i	0.1861+0.4540i	0.1596+0.4981i	-43.2704-132.6412i	45.5201+98.6581i	-33.6426-88.0421i	28.5406+50.0633i
17.7	0.3354+0.4290i	0.3292+0.5403i	0.2545+0.3528i	0.2438+0.3976i	-64.9664-107.2971i	62.0716+81.1832i	-48.1150-71.4312i	37.0471+41.4493i
17.8	0.3874+0.3381i	0.4053+0.4453i	0.2984+0.2831i	0.2954+0.3273i	-76.7227-91.3379i	71.9610+68.3300i	-55.9360-60.7538i	42.2808+34.7015i
17.9	0.3811+0.2561i	0.4108+0.3546i	0.2962+0.2211i	0.2971+0.2605i	-77.5082-76.6919i	72.0695+56.1511i	-56.2668-51.0306i	42.2067+28.2743i
18.0	0.3618+0.1898i	0.3952+0.2758i	0.2826+0.1678i	0.2861+0.2024i	-76.7061-62.7832i	70.5250+44.6695i	-55.7882-41.7595i	41.2853+22.2311i
18.1	0.3340+0.1505i	0.3696+0.2254i	0.2635+0.1351i	0.2674+0.1658i	-73.0613-52.4469i	66.7927+36.7667i	-53.3092-34.8436i	39.1811+18.1736i
18.2	0.3026+0.1037i	0.3424+0.1688i	0.2411+0.0967i	0.2452+0.1254i	-68.9039-42.0579i	62.9198+29.0317i	-50.5559-27.9564i	37.0568+14.2389i

18.3	0.2755+0.0757i	0.3136+0.1345i	0.2197+0.0734i	0.2248+0.1004i	-64.3918-35.1181i	58.8515+23.6705i	-47.5366-23.3176i	34.8533+11.5059i
18.4	0.2585+0.0567i	0.3005+0.1091i	0.2084+0.0567i	0.2151+0.0825i	-62.2642-30.5319i	56.4780+20.0452i	-46.0358-20.2621i	33.4993+9.6738i
18.5	0.2300+0.0441i	0.2700+0.0872i	0.1855+0.0443i	0.1930+0.0670i	-57.0472-25.8462i	52.0767+16.7727i	-42.5458-17.1691i	31.1977+8.0458i
18.6	0.2034+0.0297i	0.2411+0.0671i	0.1653+0.0351i	0.1717+0.0510i	-53.0246-21.9626i	48.3411+13.3892i	-39.8846-14.4959i	29.2011+6.2251i
18.7	0.1879+0.0273i	0.2249+0.0590i	0.1576+0.0297i	0.1576+0.0459i	-50.6548-18.9505i	45.1765+11.9548i	-38.2026-12.5582i	27.3155+5.6604i
18.8	0.1703+0.0216i	0.2062+0.0477i	0.1431+0.0206i	0.1444+0.0397i	-46.7977-15.8507i	42.1384+10.6220i	-35.6348-10.5836i	25.7739+5.1622i
18.9	0.1621+0.0177i	0.1962+0.0454i	0.1352+0.0178i	0.1371+0.0367i	-44.4223-14.3554i	40.1224+9.7052i	-33.9794-9.5913i	24.6981+4.7335i
19.0	0.1509+0.0130i	0.1856+0.0337i	0.1263+0.0110i	0.1288+0.0296i	-42.0935-12.3781i	38.2032+8.4971i	-32.4327-8.2905i	23.7070+4.1891i
19.1	0.1403+0.0149i	0.1688+0.0353i	0.1158+0.0124i	0.1186+0.0310i	-38.8398-11.7861i	35.4974+8.3010i	-30.2108-7.8402i	22.2780+4.1103i
19.2	0.1333+0.0120i	0.1628+0.0312i	0.1105+0.0085i	0.1133+0.0281i	-37.1680-10.3913i	34.2090+7.5966i	-29.1025-6.9735i	21.6407+3.8324i
19.3	0.1274+0.0110i	0.1543+0.0271i	0.1038+0.0062i	0.1079+0.0263i	-35.2363-9.2848i	32.9153+6.9937i	-27.8932-6.2551i	21.0209+3.5784i
19.4	0.1236+0.0074i	0.1499+0.0214i	0.0997+0.0025i	0.1054+0.0227i	-33.7846-8.0047i	31.8895+6.2236i	-26.9364-5.4233i	20.5453+3.2283i
19.5	0.1241+0.0060i	0.1490+0.0207i	0.0990+0.0018i	0.1055+0.0213i	-32.6165-7.4447i	30.9858+5.8362i	-26.0966-5.0861i	20.0568+3.0627i
19.6	0.1224+0.0061i	0.1464+0.0181i	0.0960+0.0016i	0.1039+0.0197i	-31.2761-7.0645i	30.0655+5.5795i	-25.1787-4.7935i	19.6142+2.9085i
19.7	0.1230+0.0069i	0.1458+0.0198i	0.0956+0.0027i	0.1028+0.0211i	-30.3619-7.5385i	29.5634+5.8364i	-24.6112-5.0501i	19.4174+2.9910i
19.8	0.1159+0.0009i	0.1379+0.0115i	0.0896-0.0020i	0.0976+0.0156i	-28.9363-6.7704i	28.5363+5.1603i	-23.6647-4.5788i	18.8728+2.6330i
19.9	0.1099-0.0015i	0.1296+0.0082i	0.0840-0.0038i	0.0924+0.0133i	-27.5620-6.3757i	27.2231+4.8132i	-22.7301-4.3227i	18.1792+2.4753i
20.0	0.1036-0.0041i	0.1229+0.0044i	0.0781-0.0058i	0.0884+0.0103i	-26.4090-5.6378i	26.1124+4.0945i	-21.8956-3.7871i	17.6003+2.0918i
20.1	0.1008-0.0030i	0.1202+0.0057i	0.0768-0.0037i	0.0862+0.0105i	-25.6212-5.7854i	25.3576+4.2670i	-21.4083-3.9048i	17.2025+2.1880i
20.2	0.0989-0.0069i	0.1171+0.0007i	0.0746-0.0072i	0.0845+0.0067i	-24.8729-4.7667i	24.6442+3.6054i	-20.8832-3.2545i	16.8131+1.8623i
20.3	0.0969-0.0044i	0.1155+0.0027i	0.0722-0.0051i	0.0833+0.0075i	-24.1626-4.7222i	24.1231+3.7363i	-20.4378-3.2495i	16.5518+1.9750i
20.4	0.0953-0.0061i	0.1115+0.0011i	0.0702-0.0062i	0.0799+0.0050i	-22.9556-4.3382i	23.2587+3.4586i	-19.6584-2.9813i	16.1228+1.7988i
20.5	0.0949-0.0088i	0.1125-0.0017i	0.0701-0.0074i	0.0801+0.0038i	-22.2793-4.2516i	22.7013+3.2926i	-19.1637-2.9191i	15.8421+1.7187i
20.6	0.0929-0.0087i	0.1097-0.0023i	0.0687-0.0067i	0.0775+0.0026i	-21.3638-4.1262i	21.8709+3.1518i	-18.5279-2.8115i	15.3937+1.6383i
20.7	0.0916-0.0142i	0.1082-0.0086i	0.0678-0.0106i	0.0766-0.0013i	-20.6978-3.4492i	21.2654+2.6132i	-18.0835-2.4178i	15.0830+1.3704i
20.8	0.0917-0.0132i	0.1078-0.0083i	0.0677-0.0098i	0.0753-0.0014i	-19.8786-3.5951i	20.6272+2.6661i	-17.5095-2.4299i	14.7433+1.3577i
20.9	0.0935-0.0175i	0.1093-0.0137i	0.0681-0.0130i	0.0771-0.0049i	-19.4949-3.4334i	20.3820+2.4565i	-17.2621-2.3414i	14.6117+1.2164i
21.0	0.0965-0.0225i	0.1123-0.0187i	0.0699-0.0158i	0.0789-0.0079i	-19.2473-3.3952i	20.1021+2.3093i	-17.0982-2.3163i	14.5010+1.1338i
21.1	0.0918-0.0256i	0.1057-0.0222i	0.0663-0.0176i	0.0745-0.0099i	-18.3483-3.2068i	19.2075+2.1059i	-16.4367-2.1879i	14.0244+1.0016i
21.2	0.0916-0.0273i	0.1061-0.0246i	0.0659-0.0191i	0.0739-0.0118i	-17.7676-3.3931i	18.7708+2.2772i	-16.0785-2.3136i	13.8032+1.0955i
21.3	0.0891-0.0328i	0.1044-0.0304i	0.0651-0.0226i	0.0722-0.0161i	-17.1096-3.3806i	18.1808+2.2322i	-15.6297-2.3310i	13.4856+1.0550i
21.4	0.0855-0.0412i	0.0985-0.0405i	0.0616-0.0283i	0.0684-0.0211i	-16.8712-2.8530i	17.8939+1.5876i	-15.4229-1.9838i	13.3242+0.7145i
21.5	0.0893-0.0524i	0.1029-0.0527i	0.0641-0.0359i	0.0725-0.0296i	-17.0883-2.6870i	18.0877+1.1008i	-15.6190-1.7934i	13.4369+0.3894i
21.6	0.0790-0.0592i	0.0906-0.0599i	0.0563-0.0400i	0.0641-0.0333i	-16.4274-2.8256i	17.3188+1.2818i	-15.1584-1.9584i	13.0121+0.5007i
21.7	0.0652-0.0679i	0.0733-0.0711i	0.0463-0.0462i	0.0543-0.0406i	-15.8604-2.6646i	16.5985+1.1136i	-14.7387-1.8810i	12.5536+0.3961i
21.8	0.0551-0.0687i	0.0631-0.0715i	0.0397-0.0465i	0.0478-0.0409i	-15.6663-2.6913i	16.2938+1.0865i	-14.6636-1.8613i	12.4100+0.3474i
21.9	0.0442-0.0665i	0.0501-0.0668i	0.0326-0.0441i	0.0401-0.0387i	-15.3617-2.4569i	15.7977+0.9602i	-14.4538-1.7111i	12.1081+0.2873i
22.0	0.0319-0.0642i	0.0360-0.0657i	0.0238-0.0430i	0.0316-0.0383i	-15.1693-2.3015i	15.4067+0.9211i	-14.3475-1.6029i	11.8567+0.2678i
22.1	0.0219-0.0570i	0.0243-0.0562i	0.0176-0.0371i	0.0242-0.0343i	-14.7445-2.2189i	14.8615+0.9770i	-14.0664-1.5563i	11.5298+0.3208i
22.2	0.0205-0.0525i	0.0224-0.0501i	0.0163-0.0337i	0.0230-0.0305i	-14.7620-2.1556i	14.7791+0.9506i	-14.0474-1.4910i	11.4966+0.3173i
22.3	0.0176-0.0430i	0.0195-0.0418i	0.0145-0.0281i	0.0207-0.0249i	-14.2845-1.8014i	14.3655+0.8599i	-13.7247-1.2341i	11.2650+0.3236i
22.4	0.0185-0.0369i	0.0198-0.0340i	0.0141-0.0235i	0.0210-0.0207i	-13.5734-1.7393i	13.8495+0.8767i	-13.2772-1.1669i	11.0184+0.3452i
22.5	0.0199-0.0330i	0.0195-0.0272i	0.0147-0.0200i	0.0210-0.0175i	-13.4524-1.7404i	13.6847+0.9120i	-13.1227-1.1672i	10.9035+0.3641i
22.6	0.0172-0.0309i	0.0189-0.0261i	0.0140-0.0185i	0.0205-0.0162i	-13.2902-1.6448i	13.5315+0.8787i	-13.0573-1.0854i	10.8488+0.3671i
22.7	0.0181-0.0300i	0.0203-0.0244i	0.0147-0.0186i	0.0203-0.0159i	-12.9726-1.4632i	13.2935+0.8107i	-12.8509-1.0559i	10.6972+0.3375i
22.8	0.0233-0.0301i	0.0246-0.0239i	0.0180-0.0178i	0.0230-0.0158i	-12.7346-1.4078i	13.1564+0.7233i	-12.6852-0.9396i	10.6918+0.2698i
22.9	0.0240-0.0278i	0.0246-0.0208i	0.0177-0.0158i	0.0224-0.0147i	-12.2015-1.4982i	12.7054+0.8024i	-12.3450-1.0034i	10.4740+0.3221i
23.0	0.0170-0.0293i	0.0193-0.0221i	0.0147-0.0168i	0.0176-0.0152i	-11.7109-1.2990i	12.1229+0.6928i	-11.9922-0.9141i	10.1058+0.2838i
23.1	0.0137-0.0288i	0.0161-0.0206i	0.0118-0.0160i	0.0151-0.0150i	-11.6882-1.2860i	12.0256+0.7053i	-12.0202-0.9209i	10.0587+0.2967i
23.2	0.0135-0.0289i	0.0173-0.0213i	0.0124-0.0162i	0.0157-0.0155i	-11.3325-1.3203i	11.7234+0.6383i	-11.7553-0.8800i	9.9005+0.2332i
23.3	0.0115-0.0331i	0.0155-0.0252i	0.0115-0.0182i	0.0139-0.0182i	-11.1487-1.1289i	11.5345+0.4402i	-11.6563-0.7614i	9.7925+0.1074i
23.4	0.0135-0.0309i	0.0179-0.0216i	0.0130-0.0169i	0.0160-0.0166i	-11.2618-1.0630i	11.6394+0.4401i	-11.7034-0.7513i	9.8426+0.1256i
23.5	0.0090-0.0282i	0.0142-0.0197i	0.0108-0.0154i	0.0128-0.0142i	-10.8322-1.0215i	11.1626+0.3762i	-11.3976-0.6660i	9.5905+0.0895i
23.6	0.0054-0.0250i	0.0107-0.0164i	0.0077-0.0134i	0.0104-0.0128i	-10.6031-0.9282i	10.9121+0.3847i	-11.2660-0.6531i	9.4632+0.1135i
23.7	0.0083-0.0234i	0.0132-0.0143i	0.0092-0.0115i	0.0114-0.0116i	-10.3481-1.0189i	10.7756+0.4656i	-11.1151-0.6955i	9.3749+0.1749i
23.8	0.0080-0.0193i	0.0120-0.0113i	0.0092-0.0097i	0.0111-0.0092i	-10.1474-0.9883i	10.5855+0.5119i	-10.9363-0.6452i	9.2858+0.2380i
23.9	0.0085-0.0170i	0.0141-0.0095i	0.0111-0.0085i	0.0124-0.0080i	-10.2880-0.7909i	10.7147+0.3820i	-10.9849-0.5257i	9.3407+0.1691i
24.0	0.0080-0.0142i	0.0139-0.0091i	0.0101-0.0082i	0.0111-0.0068i	-9.7803-0.5650i	10.2761+0.2084i	-10.7017-0.3714i	9.1157+0.0561i
24.1	0.0094-0.0139i	0.0153-0.0063i	0.0106-0.0065i	0.0121-0.0058i	-9.4399-0.8014i	9.9578+0.4347i	-10.4811-0.5208i	8.9941+0.2222i
24.2	0.0086-0.0123i	0.0152-0.0047i	0.0105-0.0060i	0.0117-0.0050i	-9.2515-0.7569i	9.7820+0.4388i	-10.3561-0.4950i	8.9005+0.2130i
24.3	0.0090-0.0105i	0.0137-0.0030i	0.0103-0.0049i	0.0112-0.0032i	-9.0383-0.6320i	9.6812+0.4331i	-10.2409-0.4133i	8.8626+0.1805i
24.4	0.0101-0.0116i	0.0151-0.0046i	0.0120-0.0062i	0.0121-0.0052i	-9.0786-0.6969i	9.5434+0.4343i	-10.2085-0.4435i	8.7866+0.1711i
24.5	0.0111-0.0100i	0.0167-0.0048i	0.0118-0.0057i	0.0124-0.0047i	-8.7288-0.6413i	9.2595+0.3461i	-9.9947-0.4222i	8.6497+0.1403i

24.6	0.0111-0.0100i	0.0173-0.0048i	0.0124-0.0053i	0.0128-0.0038i	-8.5927-0.5073i	9.2482+0.2192i	-9.9305-0.3511i	8.6555+0.0764i
24.7	0.0124-0.0107i	0.0186-0.0030i	0.0126-0.0051i	0.0135-0.0043i	-8.4615-0.5509i	9.1025+0.2406i	-9.8347-0.3636i	8.5729+0.0886i
24.8	0.0124-0.0105i	0.0195-0.0029i	0.0135-0.0054i	0.0134-0.0042i	-8.2628-0.6063i	8.8880+0.2901i	-9.6736-0.3891i	8.4528+0.0958i
24.9	0.0124-0.0089i	0.0184-0.0019i	0.0131-0.0045i	0.0126-0.0028i	-7.9470-0.7017i	8.6370+0.3808i	-9.4660-0.4921i	8.3296+0.2078i
25.0	0.0128-0.0090i	0.0181-0.0028i	0.0128-0.0041i	0.0132-0.0028i	-8.0234-0.5203i	8.6908+0.2314i	-9.5308-0.3139i	8.3738+0.0895i
25.1	0.0137-0.0080i	0.0195-0.0024i	0.0141-0.0040i	0.0137-0.0020i	-7.8059-0.4924i	8.5470+0.1816i	-9.4219-0.3154i	8.3293+0.0824i
25.2	0.0138-0.0084i	0.0192-0.0029i	0.0134-0.0040i	0.0133-0.0032i	-7.5539-0.3783i	8.3194+0.0827i	-9.2521-0.2403i	8.2098-0.0104i
25.3	0.0133-0.0088i	0.0194-0.0029i	0.0137-0.0055i	0.0132-0.0034i	-7.5630-0.4523i	8.3378+0.1239i	-9.2462-0.3088i	8.1855+0.0408i
25.4	0.0149-0.0105i	0.0216-0.0040i	0.0143-0.0051i	0.0144-0.0037i	-7.3988-0.4774i	8.1788+0.1583i	-9.1388-0.2850i	8.1286+0.0110i
25.5	0.0164-0.0096i	0.0238-0.0053i	0.0161-0.0066i	0.0153-0.0040i	-7.3569-0.4583i	8.0948+0.1451i	-9.1338-0.2929i	8.1178+0.0619i
25.6	0.0162-0.0100i	0.0241-0.0046i	0.0164-0.0052i	0.0148-0.0047i	-7.1801-0.5276i	7.8034+0.2431i	-8.9310-0.3758i	7.9284+0.1216i
25.7	0.0163-0.0103i	0.0232-0.0049i	0.0155-0.0053i	0.0142-0.0044i	-6.9691-0.3151i	7.6157-0.0392i	-8.8211-0.1853i	7.8284-0.1147i
25.8	0.0170-0.0091i	0.0244-0.0044i	0.0169-0.0053i	0.0158-0.0051i	-6.8143-0.5497i	7.4918+0.1500i	-8.7324-0.3324i	7.7739+0.0329i
25.9	0.0164-0.0112i	0.0239-0.0062i	0.0165-0.0065i	0.0150-0.0060i	-6.7678-0.6103i	7.4975+0.2591i	-8.7202-0.3870i	7.7892+0.0731i
26.0	0.0140-0.0109i	0.0211-0.0051i	0.0145-0.0060i	0.0123-0.0053i	-6.6397-0.4661i	7.4223+0.1776i	-8.6681-0.3053i	7.7616+0.0348i
26.1	0.0133-0.0096i	0.0219-0.0064i	0.0144-0.0066i	0.0124-0.0050i	-6.4541-0.4516i	7.3034+0.1361i	-8.5162-0.2817i	7.6862+0.0126i
26.2	0.0154-0.0130i	0.0230-0.0095i	0.0160-0.0087i	0.0142-0.0080i	-6.3796-0.6372i	7.1120+0.2898i	-8.4673-0.3931i	7.6175+0.0735i
26.3	0.0161-0.0148i	0.0224-0.0111i	0.0167-0.0095i	0.0141-0.0081i	-6.3641-0.6536i	6.9464+0.3236i	-8.4065-0.3975i	7.5136+0.0543i
26.4	0.0182-0.0136i	0.0248-0.0094i	0.0182-0.0084i	0.0162-0.0077i	-6.1165-0.5440i	6.7985+0.0132i	-8.2474-0.3688i	7.4418-0.0442i
26.5	0.0153-0.0158i	0.0214-0.0134i	0.0155-0.0112i	0.0125-0.0104i	-6.0999-0.4119i	6.7870+0.0113i	-8.2587-0.2600i	7.3971-0.1104i
26.6	0.0156-0.0179i	0.0205-0.0155i	0.0151-0.0124i	0.0124-0.0119i	-6.1190-0.4850i	6.7110-0.0469i	-8.3204-0.2966i	7.4102-0.1279i
26.7	0.0145-0.0159i	0.0204-0.0113i	0.0143-0.0100i	0.0119-0.0095i	-5.9941-0.5167i	6.6890+0.0326i	-8.2121-0.3276i	7.3808-0.0711i
26.8	0.0118-0.0148i	0.0190-0.0120i	0.0139-0.0098i	0.0101-0.0086i	-5.9370-0.4633i	6.7059-0.0938i	-8.2199-0.2624i	7.4269-0.1530i
26.9	0.0163-0.0176i	0.0210-0.0149i	0.0151-0.0121i	0.0137-0.0104i	-5.7337-0.6395i	6.4228-0.0954i	-8.1198-0.3897i	7.3109-0.1456i
27.0	0.0170-0.0200i	0.0216-0.0172i	0.0161-0.0134i	0.0132-0.0133i	-5.7449-0.6059i	6.3168-0.1397i	-8.0767-0.3817i	7.2411-0.2127i
27.1	0.0131-0.0262i	0.0169-0.0228i	0.0131-0.0175i	0.0105-0.0171i	-5.7135-0.5408i	5.9944-0.1101i	-8.0271-0.3430i	7.0362-0.2633i
27.2	0.0112-0.0194i	0.0158-0.0177i	0.0124-0.0128i	0.0094-0.0121i	-5.5655-0.5054i	6.1945-0.0999i	-8.0363-0.3065i	7.1298-0.1882i
27.3	0.0114-0.0191i	0.0162-0.0165i	0.0122-0.0128i	0.0090-0.0121i	-5.4226-0.5219i	6.0741-0.0942i	-7.9157-0.2999i	7.1079-0.1608i
27.4	0.0097-0.0255i	0.0130-0.0240i	0.0105-0.0178i	0.0078-0.0170i	-5.4660-0.6884i	5.8174-0.0707i	-7.9208-0.4235i	6.9561-0.2053i
27.5	0.0116-0.0296i	0.0136-0.0284i	0.0117-0.0210i	0.0085-0.0195i	-5.4243-0.7871i	5.7240-0.2190i	-7.9110-0.4750i	6.9317-0.3170i
27.6	0.0038-0.0267i	0.0074-0.0243i	0.0065-0.0180i	0.0024-0.0160i	-5.4158-0.6678i	5.6078-0.0285i	-7.9145-0.4825i	6.8307-0.1719i
27.7	0.0018-0.0231i	0.0048-0.0197i	0.0043-0.0151i	0.0011-0.0142i	-5.3794-0.4652i	5.7029-0.0137i	-7.9397-0.3306i	6.8838-0.1469i
27.8	-0.0030-0.0189i	0.0012-0.0165i	0.0018-0.0124i	-0.0023-0.0111i	-5.3644-0.3791i	5.6630+0.0245i	-7.9292-0.2473i	6.8351-0.0951i
27.9	-0.0076-0.0234i	-0.0052-0.0197i	-0.0021-0.0150i	-0.0065-0.0138i	-5.3386-0.4375i	5.2911+0.2072i	-7.9183-0.2784i	6.5925-0.0245i
28.0	-0.0077-0.0180i	-0.0029-0.0137i	-0.0003-0.0105i	-0.0050-0.0111i	-5.2124-0.2513i	5.3268+0.0569i	-7.8422-0.1875i	6.6505-0.0400i
28.1	-0.0025-0.0151i	-0.0006-0.0110i	0.0015-0.0091i	-0.0031-0.0079i	-5.0070-0.2200i	5.3667-0.2418i	-7.7364-0.0565i	6.7402-0.1905i
28.2	-0.0081-0.0227i	-0.0062-0.0185i	-0.0017-0.0142i	-0.0066-0.0146i	-5.1661-0.3771i	5.0361-0.2535i	-7.8065-0.1757i	6.5533-0.2779i
28.3	-0.0097-0.0187i	-0.0077-0.0149i	-0.0027-0.0113i	-0.0075-0.0117i	-5.1039-0.3042i	4.9436-0.1697i	-7.7477-0.1275i	6.4494-0.2522i
28.4	-0.0113-0.0126i	-0.0082-0.0078i	-0.0022-0.0068i	-0.0090-0.0061i	-4.9969-0.2224i	5.0038-0.0068i	-7.7087-0.1152i	6.4755-0.0788i
28.5	-0.0092-0.0063i	-0.0047-0.0021i	-0.0001-0.0036i	-0.0071-0.0024i	-4.8996-0.0467i	5.1946+0.0849i	-7.6626-0.0371i	6.5929+0.0537i
28.6	-0.0087-0.0077i	-0.0064-0.0039i	-0.0008-0.0048i	-0.0074-0.0040i	-4.8869-0.0884i	5.0203-0.0463i	-7.6873-0.0083i	6.5308-0.0770i
28.7	-0.0084-0.0063i	-0.0058-0.0026i	-0.0002-0.0033i	-0.0082-0.0031i	-4.8226-0.0828i	4.8976-0.0307i	-7.6504-0.0186i	6.5191-0.0667i
28.8	-0.0072-0.0047i	-0.0044-0.0008i	-0.0006-0.0024i	-0.0067-0.0016i	-4.7193-0.0081i	4.8437-0.0087i	-7.5576+0.0301i	6.4780-0.0489i
28.9	-0.0038-0.0041i	-0.0021-0.0009i	0.0016-0.0021i	-0.0042-0.0009i	-4.5520-0.0065i	4.9434-0.2244i	-7.4965+0.0506i	6.5613-0.1838i
29.0	-0.0041-0.0048i	-0.0011+0.0007i	0.0023-0.0025i	-0.0049-0.0009i	-4.5084-0.0500i	4.7711-0.2032i	-7.4669+0.0066i	6.4630-0.1375i
29.1	-0.0055-0.0057i	-0.0024+0.0001i	0.0022-0.0022i	-0.0054-0.0017i	-4.5126-0.0865i	4.3470-0.0415i	-7.4120-0.0498i	6.2350-0.0264i
29.2	-0.0047-0.0052i	-0.0032+0.0002i	0.0021-0.0018i	-0.0061-0.0003i	-4.4437-0.0478i	4.2313-0.0313i	-7.3779+0.0213i	6.2207-0.0683i
29.3	-0.0055-0.0057i	-0.0045+0.0015i	0.0012-0.0028i	-0.0079+0.0003i	-4.4020+0.0995i	4.1255+0.0442i	-7.4319+0.1261i	6.1932-0.0542i
29.4	-0.0041-0.0027i	-0.0024+0.0037i	0.0033-0.0005i	-0.0059+0.0003i	-4.3048+0.1724i	4.3540+0.0829i	-7.3124+0.1812i	6.3153-0.0228i
29.5	-0.0022-0.0009i	0.0010+0.0046i	0.0043+0.0001i	-0.0053+0.0023i	-4.1129+0.1117i	4.4541-0.0128i	-7.2166+0.1428i	6.3571-0.0531i
29.6	-0.0022-0.0005i	0.0017+0.0054i	0.0045+0.0006i	-0.0047+0.0030i	-4.0631+0.0820i	4.5158+0.0333i	-7.2477+0.1542i	6.4102-0.0291i
29.7	-0.0049-0.0035i	-0.0004+0.0042i	0.0037-0.0014i	-0.0062+0.0011i	-4.0609+0.1804i	4.4032+0.1740i	-7.2219+0.2136i	6.3000+0.0833i
29.8	-0.0002-0.0051i	0.0023+0.0015i	0.0056-0.0029i	-0.0037+0.0002i	-3.9648+0.0975i	4.0287+0.0996i	-7.1348+0.0947i	6.1584+0.0191i
29.9	-0.0003-0.0019i	0.0031+0.0034i	0.0060-0.0006i	-0.0037+0.0019i	-3.8510+0.1457i	4.2680-0.0775i	-7.0820+0.1947i	6.3100-0.1314i
30.0	-0.0027+0.0005i	0.0037+0.0063i	0.0064+0.0011i	-0.0056+0.0040i	-3.8345+0.1395i	4.4082-0.1344i	-7.0173+0.1584i	6.3571-0.0970i
30.1	-0.0012+0.0004i	0.0064+0.0052i	0.0076-0.0000i	-0.0042+0.0039i	-3.8309+0.1523i	4.1872-0.4064i	-7.0231+0.2020i	6.3019-0.2575i
30.2	-0.0013+0.0029i	0.0061+0.0065i	0.0077+0.0020i	-0.0041+0.0051i	-3.6645+0.1061i	4.2307-0.3886i	-7.0061+0.1642i	6.3468-0.2105i
30.3	-0.0019+0.0013i	0.0078+0.0050i	0.0085-0.0003i	-0.0034+0.0052i	-3.6249+0.0812i	4.1717-0.3988i	-6.9238+0.2527i	6.2775-0.2815i
30.4	-0.0041+0.0007i	0.0048+0.0027i	0.0059-0.0005i	-0.0055+0.0039i	-3.5628+0.2433i	3.9812-0.1858i	-6.9050+0.3223i	6.1750-0.2111i
30.5	-0.0076+0.0049i	0.0016+0.0047i	0.0035+0.0009i	-0.0082+0.0061i	-3.4371+0.2738i	4.1376-0.1390i	-6.8949+0.2915i	6.2485-0.1225i
30.6	-0.0055+0.0033i	0.0019+0.0033i	0.0049-0.0003i	-0.0068+0.0046i	-3.5102+0.2539i	4.0008-0.1353i	-6.9504+0.2662i	6.2264-0.1080i
30.7	-0.0016+0.0049i	0.0029+0.0047i	0.0072+0.0007i	-0.0064+0.0062i	-3.3912+0.2179i	3.8734-0.1574i	-6.8898+0.2909i	6.2085-0.1685i
30.8	-0.0017+0.0057i	0.0024+0.0047i	0.0070+0.0002i	-0.0057+0.0082i	-3.2783+0.2548i	3.7480-0.1602i	-6.7689+0.3750i	6.1054-0.2070i

30.9	-0.0104-0.0010i	-0.0049-0.0006i	0.0005-0.0049i	-0.0101+0.0016i	-3.2871+0.4119i	3.6490+0.2172i	-6.7682+0.3274i	5.9652-0.0217i
31.0	-0.0061+0.0016i	-0.0010+0.0019i	0.0033-0.0021i	-0.0084+0.0043i	-3.2451+0.3552i	3.5903-0.0129i	-6.7675+0.3424i	6.0101-0.1221i
31.1	-0.0008+0.0044i	0.0055+0.0036i	0.0074-0.0013i	-0.0044+0.0062i	-3.1618+0.3466i	3.4303-0.2647i	-6.7052+0.3933i	5.9942-0.2446i
31.2	0.0022+0.0113i	0.0073+0.0078i	0.0093+0.0037i	-0.0019+0.0099i	-3.0963+0.3415i	3.4377-0.5158i	-6.6512+0.4572i	6.0231-0.3688i
31.3	-0.0045+0.0083i	0.0023+0.0053i	0.0058+0.0012i	-0.0072+0.0088i	-3.0764+0.4174i	3.4279-0.1120i	-6.6688+0.4091i	5.9572-0.1418i
31.4	-0.0122+0.0089i	-0.0015+0.0055i	0.0011+0.0011i	-0.0106+0.0096i	-3.1081+0.5581i	3.5450-0.0585i	-6.7586+0.4214i	5.9938-0.0833i
31.5	0.0196+0.0094i	0.0198+0.0054i	0.0201+0.0012i	0.0082+0.0097i	-3.0224+0.2142i	3.2389-0.6483i	-6.5781+0.3576i	6.0444-0.4112i
31.6	0.0335+0.0159i	0.0296+0.0101i	0.0285+0.0051i	0.0161+0.0140i	-2.7998+0.1139i	3.1752-0.8450i	-6.4116+0.3675i	6.0858-0.4742i
31.7	0.0188+0.0343i	0.0167+0.0239i	0.0177+0.0155i	0.0050+0.0253i	-2.5577+0.3485i	3.6194-0.5413i	-6.4305+0.5578i	6.2058-0.2504i
31.8	0.0228+0.0165i	0.0209+0.0098i	0.0212+0.0045i	0.0082+0.0137i	-2.6853+0.3439i	3.2501-0.5095i	-6.4645+0.4531i	6.0781-0.3173i
31.9	0.0081+0.0195i	0.0095+0.0107i	0.0132+0.0060i	-0.0007+0.0136i	-2.6388+0.4454i	3.3809-0.1548i	-6.4952+0.4448i	6.0369-0.1196i
32.0	0.0148+0.0319i	0.0149+0.0212i	0.0168+0.0129i	0.0019+0.0228i	-2.4500+0.5054i	3.5989-0.2958i	-6.4036+0.5428i	6.2218-0.1332i
32.1	0.0221+0.0238i	0.0209+0.0127i	0.0211+0.0071i	0.0058+0.0170i	-2.4783+0.3893i	3.4534-0.3592i	-6.3733+0.4705i	6.1881-0.2139i
32.2	0.0315+0.0351i	0.0254+0.0208i	0.0248+0.0144i	0.0115+0.0248i	-2.3135+0.4755i	3.7196-0.4458i	-6.2586+0.5033i	6.3168-0.1558i
32.3	0.0222+0.0014i	0.0204-0.0052i	0.0239-0.0068i	0.0076+0.0039i	-2.5679+0.4070i	3.0190-0.4653i	-6.4684+0.4012i	6.0304-0.3771i
32.4	0.0219+0.0019i	0.0183-0.0075i	0.0199-0.0079i	0.0068+0.0041i	-2.6143+0.4047i	2.9768-0.3855i	-6.4781+0.4087i	5.9918-0.3823i
32.5	0.0364+0.0149i	0.0278+0.0063i	0.0291+0.0014i	0.0139+0.0134i	-2.2055+0.2916i	3.4193-0.5816i	-6.2650+0.5300i	6.2628-0.4336i
32.6	0.0351+0.0205i	0.0248+0.0110i	0.0286+0.0053i	0.0115+0.0171i	-2.1178+0.4349i	3.5714-0.4803i	-6.2320+0.5936i	6.2973-0.3223i
32.7	0.0236+0.0135i	0.0167+0.0002i	0.0213-0.0012i	0.0054+0.0117i	-2.4500+0.4856i	3.2764-0.3187i	-6.4210+0.5959i	6.1560-0.3638i
32.8	0.0207+0.0074i	0.0159-0.0061i	0.0193-0.0068i	0.0033+0.0058i	-2.3747+0.4630i	3.0601-0.2811i	-6.3444+0.4995i	6.0014-0.3397i
32.9	0.0278-0.0019i	0.0229-0.0097i	0.0253-0.0105i	0.0086+0.0024i	-2.2589+0.2554i	3.1392-0.6283i	-6.2836+0.4384i	6.1136-0.5348i
33.0	0.0222-0.0093i	0.0254-0.0157i	0.0228-0.0156i	0.0074-0.0015i	-2.3643+0.1787i	2.9631-0.7746i	-6.3213+0.3311i	6.0514-0.6290i
33.1	0.0183-0.0036i	0.0188-0.0142i	0.0200-0.0140i	0.0039-0.0005i	-2.4240+0.3201i	2.8883-0.5911i	-6.3192+0.4293i	5.9221-0.5734i
33.2	0.0212-0.0034i	0.0200-0.0109i	0.0209-0.0141i	0.0071+0.0030i	-2.3195+0.2881i	3.0005-0.6946i	-6.2400+0.4981i	5.9270-0.6381i
33.3	0.0112-0.0078i	0.0212-0.0198i	0.0179-0.0165i	0.0042-0.0023i	-2.4300+0.2141i	2.7363-0.7304i	-6.2082+0.3839i	5.7445-0.6424i
33.4	0.0108+0.0003i	0.0155-0.0163i	0.0162-0.0131i	0.0016+0.0014i	-2.3371+0.3407i	2.8351-0.4686i	-6.1069+0.3290i	5.7105-0.3866i
33.5	0.0144+0.0055i	0.0144-0.0167i	0.0166-0.0106i	0.0019+0.0037i	-2.2914+0.3534i	3.0117-0.4736i	-6.1117+0.2900i	5.7817-0.2975i
33.6	0.0098+0.0102i	0.0113-0.0213i	0.0145-0.0118i	-0.0017+0.0011i	-2.5127+0.3854i	2.9848-0.4119i	-6.2631+0.1946i	5.7707-0.1647i
33.7	0.0127+0.0112i	0.0141-0.0253i	0.0183-0.0107i	-0.0008-0.0003i	-2.4196+0.3655i	2.8963-0.4716i	-6.2396-0.0661i	5.7850+0.0453i
33.8	0.0127+0.0056i	0.0130-0.0364i	0.0184-0.0164i	-0.0011-0.0034i	-2.5919+0.3438i	2.6419-0.6308i	-6.4638-0.2268i	5.8433+0.0440i
33.9	0.0245+0.0099i	0.0151-0.0339i	0.0240-0.0148i	0.0013-0.0005i	-2.4853+0.3221i	2.9415-0.9582i	-6.6482-0.2106i	6.2409-0.0738i
34.0	0.0297+0.0203i	0.0091-0.0225i	0.0255-0.0087i	-0.0013+0.0080i	-2.3531+0.4162i	3.2709-0.8141i	-6.7791-0.0578i	6.5468+0.0356i
34.1	0.0253+0.0199i	-0.0008-0.0311i	0.0209-0.0122i	-0.0071+0.0060i	-2.5176+0.7193i	3.0830-0.5951i	-7.1464+0.1027i	6.6370+0.0679i
34.2	0.0308+0.0120i	0.0002-0.0356i	0.0239-0.0198i	-0.0052+0.0029i	-2.5304+0.8836i	2.9261-0.8465i	-7.2836+0.3678i	6.7291-0.2674i
34.3	0.0430+0.0067i	0.0115-0.0395i	0.0321-0.0236i	0.0028+0.0028i	-2.4473+0.6115i	2.9714-1.1003i	-7.2011+0.2447i	6.9363-0.4097i
34.4	0.0475+0.0060i	0.0094-0.0443i	0.0321-0.0261i	0.0035+0.0025i	-2.2982+0.7160i	3.0376-1.2482i	-7.1352+0.5112i	7.0074-0.6577i
34.5	0.0456+0.0018i	-0.0020-0.0538i	0.0283-0.0329i	-0.0010-0.0011i	-2.3943+0.9143i	2.9510-1.2232i	-7.2886+0.6434i	7.0051-0.8118i
34.6	0.0442+0.0036i	-0.0098-0.0490i	0.0251-0.0329i	-0.0036+0.0024i	-2.2190+1.0342i	3.0859-1.2152i	-7.1761+0.8005i	6.9425-0.9258i
34.7	0.0482-0.0007i	-0.0120-0.0564i	0.0251-0.0372i	-0.0030-0.0001i	-2.2979+1.0042i	3.1177-1.3935i	-7.3629+0.8681i	7.1008-1.1175i
34.8	0.0500-0.0067i	-0.0146-0.0627i	0.0242-0.0431i	-0.0028-0.0029i	-2.2448+0.9825i	3.0379-1.5872i	-7.3433+0.9126i	7.0599-1.2899i
34.9	0.0493-0.0145i	-0.0222-0.0712i	0.0207-0.0492i	-0.0024-0.0075i	-2.3485+0.9642i	2.7723-1.8965i	-7.3268+0.9881i	6.9362-1.5311i
35.0	0.0493-0.0153i	-0.0366-0.0723i	0.0153-0.0513i	-0.0070-0.0053i	-2.2755+1.1563i	2.6696-2.0258i	-7.3321+1.2141i	6.8476-1.7683i
35.1	0.0515-0.0132i	-0.0453-0.0703i	0.0119-0.0523i	-0.0099-0.0035i	-2.1991+1.2241i	2.7062-2.1279i	-7.3217+1.3429i	6.8424-1.8846i
35.2	0.0489-0.0174i	-0.0603-0.0721i	0.0038-0.0552i	-0.0144-0.0030i	-2.2849+1.3451i	2.4990-2.2162i	-7.4424+1.5082i	6.7110-2.0534i
35.3	0.0489-0.0177i	-0.0728-0.0713i	-0.0020-0.0577i	-0.0167-0.0014i	-2.2682+1.3841i	2.1676-2.4070i	-7.3678+1.6405i	6.4825-2.2043i
35.4	0.0638-0.0167i	-0.0711-0.0587i	0.0029-0.0515i	-0.0109+0.0053i	-1.9992+1.4447i	2.4390-2.6623i	-7.1573+1.7345i	6.6133-2.2960i
35.5	0.0725-0.0097i	-0.0738-0.0365i	0.0029-0.0424i	-0.0082+0.0166i	-1.6931+1.5198i	2.6923-2.5021i	-6.8965+1.8902i	6.6447-2.1616i
35.6	0.0738-0.0149i	-0.0929-0.0318i	-0.0049-0.0439i	-0.0099+0.0158i	-1.7695+1.7328i	2.3084-2.5252i	-6.9623+2.0949i	6.4575-2.2839i
35.7	0.0733-0.0151i	-0.1015-0.0208i	-0.0098-0.0403i	-0.0110+0.0193i	-1.6436+1.8327i	2.0666-2.4633i	-6.9369+2.1447i	6.3091-2.2483i
35.8	0.0776-0.0231i	-0.1010-0.0167i	-0.0099-0.0406i	-0.0091+0.0185i	-1.5420+1.7653i	1.8841-2.5721i	-6.7526+2.2046i	6.1667-2.3757i
35.9	0.0938-0.0346i	-0.0988-0.0074i	-0.0055-0.0419i	-0.0015+0.0192i	-1.3655+1.6143i	2.1444-2.8741i	-6.6122+2.2245i	6.3427-2.5489i
36.0	0.0907-0.0383i	-0.1088+0.0034i	-0.0132-0.0403i	-0.0042+0.0202i	-1.3068+1.8063i	1.7780-2.7757i	-6.5473+2.3200i	6.0698-2.5693i
36.1	0.0946-0.0468i	-0.1174+0.0111i	-0.0149-0.0401i	-0.0030+0.0204i	-1.1254+1.9297i	1.6208-2.7023i	-6.5060+2.3669i	6.0291-2.5445i
36.2	0.0982-0.0616i	-0.1165+0.0173i	-0.0153-0.0417i	-0.0005+0.0179i	-1.0289+1.7589i	1.5031-2.8643i	-6.3652+2.3404i	5.8992-2.6634i
36.3	0.0963-0.0644i	-0.1219+0.0336i	-0.0196-0.0368i	-0.0015+0.0219i	-0.9613+1.9864i	1.4190-2.5883i	-6.3105+2.4294i	5.7772-2.5155i
36.4	0.0994-0.0756i	-0.1333+0.0448i	-0.0233-0.0369i	-0.0033+0.0205i	-0.8820+1.9803i	1.1533-2.5995i	-6.3009+2.5366i	5.6560-2.5830i
36.5	0.1004-0.0866i	-0.1344+0.0553i	-0.0245-0.0368i	-0.0003+0.0202i	-0.8659+2.0840i	1.0705-2.7137i	-6.2497+2.5766i	5.5769-2.6558i
36.6	0.0964-0.1067i	-0.1277+0.0648i	-0.0247-0.0389i	0.0021+0.0169i	-0.8881+1.9378i	1.0707-2.9163i	-6.1998+2.5161i	5.5614-2.7852i
36.7	0.0864-0.1259i	-0.1367+0.0805i	-0.0339-0.0390i	-0.0014+0.0150i	-0.9120+2.1819i	0.7123-2.8502i	-6.2051+2.6554i	5.3398-2.8387i
36.8	0.0734-0.1314i	-0.1393+0.0982i	-0.0391-0.0331i	-0.0070+0.0176i	-0.8865+2.1951i	0.6417-2.5257i	-6.1364+2.6730i	5.1989-2.6459i
36.9	0.0695-0.1511i	-0.1313+0.1199i	-0.0387-0.0321i	-0.0030+0.0186i	-0.7954+2.0727i	0.4678-2.6477i	-6.1246+2.7684i	5.2051-2.7687i
37.0	0.0569-0.1641i	-0.1242+0.1403i	-0.0416-0.0274i	-0.0031+0.0209i	-0.5236+2.1408i	0.4263-2.7473i	-5.8856+2.8157i	5.0393-2.8037i
37.1	0.0487-0.1767i	-0.1171+0.1593i	-0.0433-0.0231i	-0.0038+0.0220i	-0.5174+2.2583i	0.3628-2.7642i	-5.8999+2.8981i	5.0068-2.8048i

37.2	0.0358-0.1942i	-0.1044+0.1835i	-0.0431-0.0207i	-0.0032+0.0240i	-0.3664+2.2737i	0.3301-2.6040i	-5.7657+2.8858i	4.9757-2.6914i
37.3	0.0170-0.2004i	-0.0959+0.2070i	-0.0478-0.0131i	-0.0051+0.0271i	-0.2897+2.4649i	0.3637-2.3158i	-5.7333+2.9264i	4.9365-2.5254i
37.4	0.0018-0.2298i	-0.0747+0.2114i	-0.0477-0.0208i	0.0001+0.0181i	-0.2826+2.3710i	0.0073-2.8069i	-5.6303+2.9611i	4.7816-2.9007i
37.5	-0.0277-0.2365i	-0.0520+0.2322i	-0.0488-0.0145i	-0.0001+0.0249i	-0.2117+2.3556i	-0.1281-2.9548i	-5.5673+3.0574i	4.6863-2.9738i
37.6	-0.0631-0.2406i	-0.0204+0.2576i	-0.0491-0.0068i	-0.0005+0.0299i	-0.0398+2.4323i	-0.1283-2.6557i	-5.3903+3.1038i	4.5670-2.8295i
37.7	-0.1006-0.2454i	0.0142+0.2755i	-0.0507-0.0005i	0.0002+0.0322i	0.2211+2.4555i	-0.3177-2.6793i	-5.2433+3.2475i	4.4461-2.8650i
37.8	-0.1241-0.2391i	0.0517+0.2909i	-0.0478+0.0092i	0.0054+0.0385i	0.5872+2.5487i	-0.1435-2.5822i	-5.0698+3.2847i	4.5027-2.7105i
37.9	-0.1705-0.2143i	0.0985+0.2781i	-0.0483+0.0131i	0.0080+0.0390i	0.5494+2.5907i	-0.3739-2.4523i	-5.0279+3.3222i	4.3756-2.6469i
38.0	-0.2051-0.1849i	0.1381+0.2592i	-0.0440+0.0194i	0.0103+0.0399i	0.6467+2.5677i	-0.6017-2.2984i	-4.7755+3.2720i	4.1988-2.4997i
38.1	-0.2343-0.1476i	0.1883+0.2183i	-0.0374+0.0196i	0.0184+0.0338i	0.7299+2.4081i	-0.7767-2.3743i	-4.6323+3.2325i	4.1612-2.6108i
38.2	-0.2475-0.1234i	0.2194+0.1816i	-0.0306+0.0150i	0.0264+0.0294i	0.7700+2.2273i	-0.7607-2.4685i	-4.5537+3.0308i	4.1811-2.6217i
38.3	-0.2746-0.1026i	0.2525+0.1487i	-0.0266+0.0124i	0.0279+0.0226i	0.9630+2.1622i	-0.8154-2.6483i	-4.4971+2.9689i	4.2058-2.7968i
38.4	-0.2856-0.0627i	0.2567+0.1056i	-0.0297+0.0104i	0.0260+0.0197i	1.0560+2.1365i	-1.0250-2.5659i	-4.4490+2.9272i	4.0406-2.7525i
38.5	-0.2826-0.0329i	0.2544+0.0812i	-0.0295+0.0149i	0.0250+0.0181i	1.2415+2.1602i	-1.0626-2.4564i	-4.2629+2.8928i	3.9767-2.6394i
38.6	-0.2903+0.0065i	0.2603+0.0275i	-0.0295+0.0109i	0.0244+0.0100i	1.1346+2.0173i	-1.2406-2.6374i	-4.2971+2.8126i	3.9106-2.7663i
38.7	-0.2795+0.0503i	0.2454-0.0141i	-0.0308+0.0104i	0.0210+0.0091i	1.1623+1.9210i	-1.3536-2.5374i	-4.2353+2.7806i	3.7391-2.7239i
38.8	-0.2498+0.0928i	0.2242-0.0438i	-0.0271+0.0175i	0.0219+0.0107i	1.4709+1.8158i	-1.2540-2.2540i	-4.0180+2.7583i	3.6841-2.5089i
38.9	-0.2238+0.1216i	0.1981-0.0714i	-0.0270+0.0180i	0.0211+0.0077i	1.4294+1.7514i	-1.4415-2.2129i	-4.0260+2.6245i	3.6084-2.4642i
39.0	-0.1999+0.1379i	0.1753-0.0931i	-0.0263+0.0174i	0.0193+0.0045i	1.4152+1.6871i	-1.6007-2.3855i	-4.0248+2.5719i	3.5411-2.5375i
39.1	-0.1701+0.1580i	0.1424-0.1043i	-0.0272+0.0207i	0.0165+0.0063i	1.5286+1.7315i	-1.6639-2.2061i	-3.9412+2.5460i	3.4410-2.4145i
39.2	-0.1432+0.1729i	0.1142-0.1082i	-0.0270+0.0259i	0.0131+0.0093i	1.6306+1.8300i	-1.7098-2.0227i	-3.9070+2.5386i	3.3523-2.2725i
39.3	-0.1191+0.1799i	0.0967-0.1165i	-0.0242+0.0259i	0.0141+0.0080i	1.5737+1.7224i	-1.8766-2.0736i	-3.8664+2.4571i	3.2887-2.2643i
39.4	-0.0917+0.1818i	0.0692-0.1183i	-0.0235+0.0267i	0.0108+0.0071i	1.6326+1.5814i	-2.0805-1.9270i	-3.7961+2.3686i	3.1407-2.1668i
39.5	-0.0671+0.1791i	0.0441-0.1111i	-0.0229+0.0292i	0.0081+0.0077i	1.5659+1.6624i	-2.1239-1.6983i	-3.7429+2.2925i	3.0397-1.9877i
39.6	-0.0418+0.1718i	0.0311-0.0990i	-0.0168+0.0321i	0.0098+0.0099i	1.7407+1.5366i	-2.0166-1.6291i	-3.6358+2.2185i	3.0907-1.9062i
39.7	-0.0197+0.1618i	0.0160-0.0881i	-0.0121+0.0312i	0.0098+0.0086i	1.7785+1.3814i	-2.1528-1.6634i	-3.6290+2.1653i	3.0635-1.8497i
39.8	-0.0094+0.1511i	0.0023-0.0768i	-0.0127+0.0311i	0.0067+0.0102i	1.8468+1.4767i	-2.2374-1.5042i	-3.6366+2.1178i	3.0035-1.7007i
39.9	-0.0040+0.1576i	0.0019-0.0645i	-0.0109+0.0388i	0.0081+0.0185i	1.9278+1.4698i	-2.0455-1.2532i	-3.5544+2.0194i	3.0206-1.4384i
40.0	0.0270+0.1434i	-0.0129-0.0535i	-0.0055+0.0376i	0.0117+0.0172i	2.0130+1.3868i	-2.1884-1.2007i	-3.5156+1.9534i	3.0333-1.3613i
40.1	0.0327+0.1272i	-0.0218-0.0448i	-0.0044+0.0350i	0.0097+0.0158i	1.6962+1.4091i	-2.4558-1.0560i	-3.5939+1.8724i	2.9683-1.3154i
40.2	0.0492+0.1170i	-0.0198-0.0380i	0.0012+0.0352i	0.0147+0.0163i	1.8877+1.2094i	-2.2260-1.0669i	-3.5636+1.6713i	3.1511-1.1891i
40.3	0.0623+0.1087i	-0.0050-0.0408i	0.0106+0.0300i	0.0232+0.0125i	2.2356+0.8061i	-2.0063-1.4107i	-3.4052+1.6213i	3.3131-1.3203i
40.4	0.0645+0.0974i	-0.0043-0.0288i	0.0136+0.0281i	0.0231+0.0136i	2.2158+0.8579i	-1.9395-1.2481i	-3.4922+1.5033i	3.3929-1.1824i
40.5	0.0626+0.0803i	-0.0134-0.0104i	0.0108+0.0285i	0.0204+0.0153i	2.1779+1.1197i	-2.1121-0.7591i	-3.5629+1.4437i	3.3371-0.9574i
40.6	0.0600+0.0712i	-0.0164-0.0127i	0.0091+0.0239i	0.0183+0.0121i	2.0135+1.0924i	-2.3517-0.6145i	-3.6198+1.3774i	3.2685-0.8878i
40.7	0.0708+0.0604i	-0.0144-0.0195i	0.0135+0.0183i	0.0215+0.0073i	1.9142+0.7741i	-2.4769-0.9894i	-3.6717+1.2042i	3.3585-0.9658i
40.8	0.0737+0.0514i	-0.0090-0.0181i	0.0176+0.0155i	0.0235+0.0052i	2.0649+0.6339i	-2.2500-1.0134i	-3.6976+1.0987i	3.4973-0.9295i
40.9	0.0740+0.0476i	-0.0061-0.0160i	0.0189+0.0148i	0.0246+0.0054i	2.1874+0.5638i	-1.9877-1.0565i	-3.7098+1.1160i	3.6432-0.9382i
41.0	0.0750+0.0371i	-0.0040-0.0098i	0.0194+0.0133i	0.0246+0.0058i	2.1280+0.4536i	-2.0133-1.0382i	-3.8087+1.0124i	3.6998-0.9070i
41.1	0.0756+0.0306i	0.0007-0.0098i	0.0222+0.0097i	0.0275+0.0028i	2.1442+0.5175i	-2.0999-1.0091i	-3.8091+0.9546i	3.7194-0.9155i
41.2	0.0665+0.0276i	0.0008-0.0059i	0.0189+0.0106i	0.0235+0.0027i	2.1997+0.6310i	-2.0278-0.7194i	-3.9092+1.0105i	3.7808-0.8133i
41.3	0.0651+0.0204i	-0.0035-0.0032i	0.0169+0.0084i	0.0204+0.0005i	2.1713+0.7894i	-2.1729-0.5157i	-3.9623+1.0463i	3.7614-0.7720i
41.4	0.0675+0.0104i	0.0046+0.0053i	0.0189+0.0077i	0.0239+0.0027i	2.2377+0.7270i	-1.8587-0.5164i	-4.0327+1.0110i	3.9148-0.7368i
41.5	0.0668+0.0030i	0.0008+0.0069i	0.0185+0.0049i	0.0203+0.0004i	2.2252+0.6945i	-1.7411-0.4617i	-4.1244+0.9896i	3.9540-0.6788i
41.6	0.0622-0.0025i	-0.0020+0.0045i	0.0158+0.0031i	0.0192-0.0005i	2.1667+0.7762i	-2.0465-0.4144i	-4.2228+0.9707i	3.9540-0.6413i
41.7	0.0637-0.0002i	-0.0057-0.0006i	0.0151+0.0006i	0.0177-0.0021i	2.1323+0.8183i	-1.8958-0.2872i	-4.2638+1.0098i	4.0232-0.6803i
41.8	0.0603-0.0121i	-0.0035+0.0064i	0.0152+0.0005i	0.0175-0.0027i	2.2192+0.7537i	-1.7528-0.4372i	-4.3335+0.9641i	4.1437-0.6868i
41.9	0.0647-0.0179i	-0.0054+0.0006i	0.0169-0.0031i	0.0178-0.0059i	2.1999+0.5635i	-1.8266-0.6144i	-4.3528+0.9828i	4.1399-0.7517i
42.0	0.0608-0.0291i	-0.0114+0.0071i	0.0151-0.0068i	0.0142-0.0070i	2.0630+0.6172i	-1.8750-0.5360i	-4.4287+0.9212i	4.1947-0.7469i
42.1	0.0552-0.0378i	-0.0158+0.0058i	0.0108-0.0100i	0.0112-0.0087i	2.2108+0.6071i	-1.8535-0.7365i	-4.4437+0.9140i	4.2481-0.8056i
42.2	0.0410-0.0429i	-0.0094+0.0201i	0.0095-0.0065i	0.0116-0.0024i	2.1794+0.4558i	-1.7674-0.7640i	-4.5182+0.9673i	4.3321-0.8193i
42.3	0.0386-0.0440i	-0.0039+0.0150i	0.0098-0.0091i	0.0124-0.0045i	2.0647+0.4271i	-1.9480-0.7824i	-4.5803+0.9977i	4.3613-0.8760i
42.4	0.0361-0.0488i	-0.0042+0.0186i	0.0083-0.0108i	0.0115-0.0062i	2.0396+0.4644i	-1.9883-0.8134i	-4.5974+0.9817i	4.3794-0.8835i
42.5	0.0284-0.0481i	0.0036+0.0182i	0.0094-0.0092i	0.0121-0.0044i	2.1759+0.3522i	-1.9352-0.9373i	-4.5677+0.9623i	4.4244-0.8959i
42.6	0.0221-0.0573i	-0.0013+0.0187i	0.0053-0.0128i	0.0087-0.0102i	2.0365+0.6008i	-2.1039-0.7089i	-4.7118+0.9390i	4.4177-0.8951i
42.7	0.0075-0.0581i	-0.0019+0.0134i	-0.0001-0.0154i	0.0035-0.0122i	1.9936+0.6022i	-2.1291-0.7121i	-4.8074+0.8838i	4.4083-0.8827i
42.8	0.0048-0.0450i	-0.0019+0.0197i	-0.0014-0.0104i	0.0020-0.0051i	2.3401+0.6746i	-1.9298-0.6084i	-4.7629+1.0515i	4.4468-0.8703i
42.9	0.0006-0.0404i	0.0008+0.0161i	-0.0017-0.0093i	0.0034-0.0056i	2.2490+0.5582i	-1.9807-0.6349i	-4.7903+1.0140i	4.4945-0.8574i
43.0	0.0095-0.0494i	-0.0096+0.0171i	-0.0019-0.0125i	0.0025-0.0074i	2.1304+0.5007i	-2.2252-0.6575i	-4.7740+0.9498i	4.4420-0.8965i
43.1	-0.0013-0.0603i	-0.0028+0.0225i	-0.0028-0.0122i	0.0009-0.0112i	2.1588+0.6251i	-2.2675-0.6885i	-4.8872+1.0518i	4.4977-1.0044i
43.2	-0.0138-0.0589i	-0.0078+0.0165i	-0.0093-0.0173i	-0.0040-0.0121i	2.0173+0.5432i	-2.4512-0.7432i	-4.9625+1.0193i	4.4754-1.0505i
43.3	-0.0179-0.0475i	-0.0010+0.0227i	-0.0095-0.0095i	-0.0028-0.0055i	2.2777+0.5017i	-2.1575-0.8585i	-4.9573+1.0694i	4.5458-0.9734i
43.4	-0.0156-0.0298i	0.0013+0.0235i	-0.0059-0.0040i	-0.0022+0.0012i	2.3818+0.4393i	-2.0720-1.0501i	-4.9524+1.0882i	4.6700-0.9397i

43.5	-0.0185-0.0307i	0.0024+0.0340i	-0.0090-0.0018i	-0.0021+0.0037i	2.4607+0.6017i	-1.9927-0.8762i	-5.0700+1.1665i	4.7818-0.9775i
43.6	-0.0265-0.0209i	0.0140+0.0336i	-0.0069+0.0031i	-0.0032+0.0071i	2.8682+0.6101i	-1.6232-0.6502i	-5.0114+1.2120i	4.7828-0.9014i
43.7	-0.0275-0.0214i	0.0073+0.0285i	-0.0106-0.0004i	-0.0052+0.0049i	2.6314+0.7470i	-1.9760-0.5260i	-5.1008+1.1961i	4.7198-0.9055i
43.8	-0.0220-0.0234i	0.0049+0.0273i	-0.0087-0.0013i	-0.0041+0.0031i	2.4006+0.7403i	-2.1680-0.7200i	-5.1929+1.2056i	4.8191-0.9883i
43.9	-0.0147-0.0180i	0.0151+0.0316i	-0.0037+0.0042i	0.0010+0.0088i	2.4846+0.4943i	-2.0199-1.0485i	-5.1131+1.2350i	4.8791-0.9615i
44.0	-0.0164-0.0240i	0.0147+0.0303i	-0.0026+0.0007i	-0.0005+0.0070i	2.6102+0.4814i	-2.0548-0.9400i	-5.1127+1.1899i	4.8538-0.9561i
44.1	-0.0247-0.0241i	0.0103+0.0298i	-0.0064-0.0011i	-0.0036+0.0043i	2.4158+0.6614i	-2.4512-0.6805i	-5.2371+1.1840i	4.8534-0.9679i
44.2	-0.0187-0.0280i	0.0172+0.0209i	-0.0012-0.0053i	0.0021+0.0011i	2.3923+0.5636i	-2.5252-0.7225i	-5.1886+1.1582i	4.8234-1.0283i
44.3	-0.0363-0.0163i	0.0156+0.0210i	-0.0100-0.0014i	-0.0069+0.0051i	2.6078+0.5200i	-2.1956-0.6901i	-5.2853+1.2081i	4.8964-0.9327i
44.4	-0.0411-0.0052i	0.0094+0.0226i	-0.0123+0.0017i	-0.0094+0.0111i	2.6600+0.7137i	-2.1951-0.5198i	-5.3864+1.2667i	4.9117-0.9266i
44.5	-0.0236+0.0068i	0.0045+0.0222i	-0.0089+0.0049i	-0.0061+0.0129i	2.8128+0.7408i	-2.2090-0.6218i	-5.4043+1.3614i	5.0290-0.9640i
44.6	-0.0268-0.0125i	-0.0042+0.0225i	-0.0130-0.0005i	-0.0092+0.0075i	2.4953+0.7559i	-2.3138-0.5647i	-5.4533+1.2764i	5.0470-0.9707i
44.7	-0.0236-0.0123i	0.0046+0.0289i	-0.0096+0.0011i	-0.0055+0.0110i	2.5604+0.7971i	-2.3024-0.5701i	-5.4687+1.2912i	5.0863-0.9793i
44.8	-0.0282-0.0039i	-0.0014+0.0228i	-0.0113+0.0016i	-0.0095+0.0114i	2.5432+0.7949i	-2.4999-0.5982i	-5.5289+1.3549i	5.1106-1.0434i
44.9	-0.0148-0.0075i	0.0074+0.0259i	-0.0053+0.0004i	-0.0005+0.0124i	2.8613+0.5360i	-2.2480-0.8178i	-5.5219+1.3720i	5.3048-1.0904i
45.0	-0.0117+0.0164i	0.0103+0.0348i	-0.0032+0.0150i	-0.0012+0.0248i	3.0462+0.3682i	-1.9931-1.0242i	-5.4685+1.4084i	5.3279-1.0015i
45.1	-0.0104-0.0060i	0.0069+0.0391i	-0.0035+0.0054i	0.0007+0.0183i	2.8071+0.7725i	-2.2306-0.4854i	-5.5881+1.3967i	5.3687-1.0694i
45.2	-0.0227-0.0120i	0.0066+0.0329i	-0.0084+0.0014i	-0.0050+0.0128i	2.9547+0.9060i	-2.3499-0.3435i	-5.8110+1.3891i	5.4451-1.0702i
45.3	-0.0201-0.0077i	0.0040+0.0262i	-0.0084+0.0000i	-0.0048+0.0134i	3.0216+0.7090i	-2.3592-0.6507i	-5.7659+1.4939i	5.4255-1.2502i
45.4	0.0063-0.0313i	0.0108+0.0116i	0.0060-0.0131i	0.0078+0.0014i	2.5827+0.1321i	-2.8775-1.3134i	-5.7751+1.2638i	5.6404-1.3510i
45.5	-0.0108-0.0417i	-0.0028+0.0035i	-0.0070-0.0187i	-0.0013-0.0040i	2.2102+0.2791i	-3.3658-1.3337i	-6.0120+1.2759i	5.6862-1.4371i
45.6	-0.0383-0.0142i	-0.0169+0.0314i	-0.0211-0.0021i	-0.0155+0.0117i	2.5081+1.0080i	-3.0176-0.4598i	-6.2002+1.5027i	5.5357-1.3165i
45.7	-0.0260+0.0007i	-0.0040+0.0418i	-0.0151+0.0073i	-0.0083+0.0208i	2.9732+0.9645i	-2.3733-0.5782i	-6.1212+1.6330i	5.6399-1.2930i
45.8	-0.0103+0.0026i	0.0078+0.0395i	-0.0047+0.0083i	-0.0008+0.0209i	3.1175+0.7068i	-2.2180-0.8864i	-6.0137+1.6457i	5.7210-1.3359i
45.9	-0.0283-0.0019i	-0.0098+0.0359i	-0.0164+0.0026i	-0.0093+0.0193i	3.0395+1.0061i	-2.2562-0.5829i	-6.2448+1.6512i	5.6938-1.3397i
46.0	-0.0221-0.0032i	-0.0103+0.0400i	-0.0165+0.0035i	-0.0095+0.0188i	3.0320+0.8400i	-2.4380-0.7755i	-6.3667+1.7245i	5.8627-1.4084i
46.1	-0.0111-0.0094i	0.0018+0.0367i	-0.0096+0.0005i	-0.0014+0.0174i	3.0750+0.5299i	-2.5971-0.9727i	-6.3496+1.7923i	5.9988-1.5450i
46.2	-0.0105+0.0030i	0.0013+0.0426i	-0.0112+0.0082i	-0.0021+0.0257i	3.3286+0.6187i	-2.3227-1.1586i	-6.4081+1.8612i	6.1030-1.4748i
46.3	-0.0303-0.0011i	-0.0193+0.0459i	-0.0229+0.0102i	-0.0141+0.0265i	3.1997+0.9580i	-2.5004-0.7666i	-6.6466+2.0631i	6.0867-1.6282i
46.4	-0.0397+0.0134i	-0.0323+0.0678i	-0.0310+0.0188i	-0.0196+0.0329i	3.1114+1.3048i	-2.5346-0.3299i	-6.7385+2.1927i	5.9639-1.6725i
46.5	-0.0648-0.0045i	-0.0558+0.0565i	-0.0474+0.0050i	-0.0322+0.0191i	2.6196+1.8607i	-3.3438+0.0492i	-6.9554+2.1533i	5.9003-1.8961i
46.6	-0.0270+0.0304i	-0.0222+0.0814i	-0.0287+0.0339i	-0.0147+0.0458i	3.6418+1.6057i	-2.3638-0.1203i	-6.8179+2.5028i	6.0382-1.6898i
46.7	0.0099+0.0032i	0.0101+0.0654i	-0.0044+0.0188i	0.0060+0.0316i	3.6823+1.0039i	-2.3241-0.9390i	-6.7495+2.3793i	6.3584-1.7519i
46.8	-0.0060-0.0033i	-0.0054+0.0610i	-0.0136+0.0093i	0.0015+0.0267i	3.2969+1.0606i	-2.8762-0.9239i	-6.8796+2.4250i	6.3821-1.9313i
46.9	-0.0254-0.0048i	-0.0258+0.0600i	-0.0265+0.0075i	-0.0129+0.0268i	3.1882+1.4010i	-3.0041-0.5347i	-6.9580+2.5819i	6.2111-2.1598i
47.0	-0.0154-0.0002i	-0.0281+0.0633i	-0.0205+0.0148i	-0.0038+0.0327i	3.3031+1.0690i	-2.9415-0.9569i	-6.9391+2.6796i	6.3767-2.1784i
47.1	-0.0082-0.0161i	-0.0372+0.0707i	-0.0294+0.0098i	-0.0090+0.0274i	3.2393+1.5568i	-3.4346-0.5406i	-7.2393+2.8084i	6.4682-2.3793i
47.2	0.0036-0.0152i	-0.0221+0.0940i	-0.0182+0.0217i	-0.0004+0.0363i	4.0149+1.4743i	-2.7710-0.8827i	-7.1526+3.0792i	6.5955-2.3831i
47.3	0.0182-0.0160i	0.0057+0.0970i	-0.0026+0.0224i	0.0109+0.0393i	4.4423+0.8984i	-2.2484-1.5870i	-6.9194+3.0481i	6.6308-2.2103i
47.4	0.0137-0.0370i	-0.0056+0.0888i	-0.0117+0.0139i	0.0029+0.0334i	4.0658+0.7928i	-2.8822-1.6381i	-7.1540+3.1661i	6.7890-2.4383i
47.5	0.0085-0.0395i	-0.0060+0.1004i	-0.0133+0.0192i	0.0052+0.0355i	4.1784+0.6164i	-2.9619-1.6555i	-7.1744+3.2641i	6.8652-2.5634i
47.6	-0.0152-0.0584i	-0.0200+0.1015i	-0.0217+0.0096i	-0.0008+0.0256i	3.7446+0.9628i	-3.4486-1.5980i	-7.2633+3.3612i	6.8110-2.8597i
47.7	-0.0494-0.0435i	-0.0287+0.1255i	-0.0394+0.0215i	-0.0152+0.0386i	3.8868+1.2194i	-3.4619-1.2904i	-7.3549+3.5773i	6.6302-2.8901i
47.8	-0.0155+0.0236i	0.0119+0.1817i	-0.0188+0.0692i	0.0008+0.0786i	5.1542+1.1659i	-2.3875-1.1797i	-7.1016+4.1635i	6.6025-2.6277i
47.9	0.0025-0.0171i	0.0342+0.1534i	0.0006+0.0413i	0.0207+0.0574i	4.7920+0.7428i	-2.9962-1.8293i	-6.9327+3.9329i	6.9141-2.8007i
48.0	-0.0387-0.0313i	0.0103+0.1595i	-0.0182+0.0457i	0.0030+0.0571i	4.5063+1.1578i	-3.5877-1.4511i	-7.1746+4.1168i	6.8752-3.0269i
48.1	-0.0342-0.0274i	0.0293+0.1759i	-0.0176+0.0520i	0.0078+0.0615i	4.3780+1.3955i	-3.8180-1.0932i	-7.1442+4.3634i	6.8259-3.2501i
48.2	-0.0353-0.0329i	0.0428+0.1781i	-0.0101+0.0485i	0.0111+0.0596i	4.5661+1.6126i	-3.6739-1.0341i	-7.0631+4.3674i	6.8496-3.3234i
48.3	-0.0362-0.0410i	0.0584+0.1663i	-0.0039+0.0402i	0.0187+0.0551i	4.5247+1.0240i	-3.8780-1.7482i	-6.9626+4.2181i	7.0435-3.2569i
48.4	-0.0363-0.0333i	0.0762+0.1835i	0.0047+0.0480i	0.0260+0.0624i	4.6602+1.0430i	-4.0372-1.5908i	-6.9217+4.4638i	7.1637-3.4354i
48.5	-0.0505-0.0541i	0.0841+0.1674i	0.0016+0.0384i	0.0265+0.0501i	4.6816+1.3422i	-4.3711-1.1456i	-6.9031+4.4836i	7.0828-3.6888i
48.6	-0.0424-0.0766i	0.1072+0.1322i	0.0158+0.0136i	0.0430+0.0316i	4.1528+0.2576i	-5.1226-2.4124i	-6.8567+4.1719i	7.6424-3.7540i
48.7	-0.0603-0.0507i	0.1140+0.1376i	0.0097+0.0242i	0.0366+0.0414i	4.7594+0.4192i	-4.5163-1.8860i	-6.7891+4.2986i	7.3130-3.7654i
48.8	-0.0898-0.0300i	0.1088+0.1656i	-0.0041+0.0420i	0.0228+0.0526i	5.0008+1.3585i	-4.4607-0.7622i	-6.9373+4.6565i	6.9770-4.0557i
48.9	-0.0718-0.0085i	0.1499+0.1678i	0.0160+0.0524i	0.0399+0.0647i	5.7906+0.4571i	-3.6693-1.7006i	-6.8144+4.5918i	7.2188-3.6354i
49.0	-0.0679+0.0250i	0.1652+0.1806i	0.0219+0.0662i	0.0441+0.0787i	6.2119+0.5881i	-3.4200-1.4088i	-6.8340+4.7467i	7.2024-3.6393i
49.1	-0.0796+0.0095i	0.1520+0.1620i	0.0100+0.0558i	0.0394+0.0623i	5.7454+1.0629i	-4.3403-0.7839i	-6.9975+4.8036i	7.1665-4.1920i
49.2	-0.0817+0.0314i	0.1722+0.1740i	0.0145+0.0649i	0.0400+0.0712i	6.3961+1.2599i	-3.7626-0.5070i	-7.0251+5.1422i	6.9244-4.3390i
49.3	-0.1033+0.0302i	0.1523+0.1573i	0.0047+0.0611i	0.0325+0.0615i	5.7180+1.2923i	-4.7010-0.4318i	-7.2272+5.2794i	7.1895-4.6867i
49.4	-0.0549+0.0132i	0.2116+0.1244i	0.0441+0.0448i	0.0767+0.0578i	5.7656-0.1812i	-4.7518-2.1116i	-7.2370+5.1248i	8.0698-4.4747i
49.5	-0.0515+0.0167i	0.2073+0.1205i	0.0350+0.0399i	0.0711+0.0506i	5.4189+0.0860i	-5.1547-2.1255i	-7.5414+5.0366i	8.2811-4.6702i
49.6	-0.0926+0.0466i	0.1871+0.1408i	0.0195+0.0590i	0.0522+0.0613i	5.9739+1.1328i	-4.8531-0.8410i	-7.6660+5.6403i	7.7378-5.1506i
49.7	-0.0565+0.0668i	0.2213+0.1426i	0.0454+0.0750i	0.0730+0.0767i	6.5640+0.7636i	-4.3019-0.7679i	-7.4523+5.9585i	7.6801-5.1153i

49.8	-0.0452+0.0851i	0.2399+0.1461i	0.0459+0.0763i	0.0757+0.0736i	6.4766+0.8905i	-4.5449-0.6358i	-7.3961+6.2652i	7.6160-5.6195i
49.9	-0.0330+0.0311i	0.2460+0.1054i	0.0537+0.0591i	0.0826+0.0539i	6.6317+1.6532i	-4.9159+0.0114i	-7.6360+6.3334i	7.6810-6.0409i
50.0	-0.0189+0.0161i	0.2637+0.0782i	0.0683+0.0309i	0.1037+0.0292i	6.3015+0.7105i	-5.2757-1.2498i	-7.7608+6.3449i	8.4993-6.2274i
50.1	-0.0120+0.0237i	0.2805+0.0593i	0.0707+0.0294i	0.1065+0.0321i	6.3633-0.2734i	-5.3737-2.0665i	-7.7682+6.6012i	8.7468-6.3011i
50.2	-0.0341+0.0442i	0.2667+0.0776i	0.0450+0.0497i	0.0785+0.0416i	6.8567+1.5323i	-5.1959-0.1768i	-7.8777+7.3550i	7.8028-7.4273i
50.3	-0.0175+0.0515i	0.2794+0.0650i	0.0698+0.0394i	0.0973+0.0307i	6.8265+0.7711i	-5.3414-0.3948i	-7.5631+7.5909i	7.8350-7.4069i
50.4	-0.0022+0.0319i	0.3038+0.0357i	0.0921+0.0181i	0.1192+0.0092i	7.1274+0.5994i	-5.4022-0.6861i	-7.4003+7.7865i	7.8320-7.7025i
50.5	-0.0311+0.0631i	0.2987+0.0392i	0.0739+0.0384i	0.0944+0.0262i	8.2454+0.7587i	-4.3435-0.1632i	-7.2241+8.1454i	7.1925-7.7319i
50.6	0.0074+0.0405i	0.3109+0.0105i	0.0888+0.0272i	0.1096+0.0213i	8.3310-0.0043i	-4.7864-0.9826i	-7.2660+8.3756i	7.5367-7.9762i
50.7	0.0123+0.0366i	0.3197+0.0008i	0.1000+0.0189i	0.1217+0.0105i	8.3383+0.1182i	-4.8586-0.7724i	-7.2278+8.7432i	7.4699-8.3864i
50.8	0.0219+0.0193i	0.3201-0.0188i	0.1012+0.0098i	0.1177+0.0001i	8.4117+0.0520i	-4.6962-0.7722i	-6.9526+8.7940i	7.1899-8.4859i
50.9	0.0261+0.0341i	0.3479-0.0163i	0.1099+0.0177i	0.1231+0.0120i	9.6594-0.6492i	-3.7561-1.1462i	-6.6956+9.0604i	6.7763-8.2854i
51.0	0.0249-0.0053i	0.3404-0.0657i	0.1145-0.0147i	0.1301-0.0234i	9.0319-0.6533i	-4.5837-1.3250i	-6.7825+9.4165i	7.0462-9.1516i
51.1	0.0011-0.0139i	0.3212-0.0982i	0.0979-0.0279i	0.1196-0.0357i	8.7286-1.4494i	-5.2599-1.7327i	-6.6080+9.8247i	6.9384-9.6263i
51.2	0.0368-0.0021i	0.3437-0.1149i	0.1145-0.0331i	0.1291-0.0355i	9.0830-1.8097i	-4.8814-1.7315i	-6.1119+10.2780i	6.5207-9.7809i
51.3	-0.0239-0.0331i	0.2975-0.1407i	0.0857-0.0506i	0.0999-0.0610i	8.8121-1.1720i	-5.8018-0.8602i	-5.9436+10.8343i	5.9631-11.0178i
51.4	-0.0054-0.0307i	0.3133-0.1509i	0.0896-0.0556i	0.1016-0.0671i	8.9887-1.1090i	-5.8436-0.6708i	-5.6399+11.0683i	5.6702-11.3822i
51.5	-0.0522-0.0412i	0.2823-0.1704i	0.0667-0.0578i	0.0685-0.0698i	9.8105-1.0755i	-5.3436-0.1632i	-5.2629+11.2587i	4.4685-11.4836i
51.6	-0.0802-0.0236i	0.2634-0.1774i	0.0621-0.0639i	0.0615-0.0749i	9.8582-1.6019i	-5.3870-0.1436i	-4.9710+11.7096i	4.1726-11.8166i
51.7	-0.1096-0.0183i	0.2380-0.1962i	0.0426-0.0631i	0.0390-0.0700i	10.0870-1.5445i	-5.3339-0.1107i	-4.5944+12.1759i	3.4377-12.1539i
51.8	-0.0983-0.0055i	0.2469-0.2181i	0.0515-0.0791i	0.0480-0.0742i	10.2015-2.4764i	-5.3719-0.8038i	-4.0170+12.5155i	3.2531-12.2133i
51.9	-0.0405+0.0375i	0.2649-0.2561i	0.0715-0.0736i	0.0737-0.0578i	9.9318-4.2444i	-5.7386-2.3797i	-3.2509+13.0962i	3.2883-12.1606i
52.0	-0.0631+0.0293i	0.2061-0.2585i	0.0368-0.0815i	0.0454-0.0683i	9.8362-3.7336i	-5.9878-1.4453i	-2.1519+12.9521i	1.6978-12.3486i
52.1	-0.0956+0.0431i	0.1457-0.2440i	0.0045-0.0690i	0.0141-0.0631i	9.4771-3.1019i	-6.4663-0.6231i	-1.5072+12.5495i	0.5930-12.2334i
52.2	-0.0801+0.0709i	0.1519-0.2157i	0.0101-0.0476i	0.0162-0.0369i	10.3555-3.5247i	-5.8184-0.6775i	-1.2857+12.2007i	0.2049-11.1877i
52.3	-0.0249+0.0967i	0.1811-0.2124i	0.0397-0.0355i	0.0480-0.0217i	10.8331-4.1049i	-5.4881-1.4269i	-1.1046+12.4706i	0.4865-10.8858i
52.4	-0.0763+0.0807i	0.1185-0.2175i	0.0021-0.0405i	0.0090-0.0311i	10.4175-4.1104i	-6.0243-0.6389i	-0.2632+12.1480i	-0.7285-10.9772i
52.5	-0.0787+0.0769i	0.0958-0.2082i	-0.0047-0.0403i	-0.0028-0.0294i	10.3877-3.8204i	-6.3608+0.2290i	0.4235+11.8722i	-1.5435-10.9429i
52.6	-0.0603+0.0151i	0.0882-0.2517i	-0.0007-0.0774i	0.0087-0.0655i	9.6429-4.4142i	-7.0292-0.2058i	0.7476+11.3799i	-1.3513-10.8999i
52.7	-0.0295+0.0394i	0.1041-0.2482i	0.0133-0.0665i	0.0216-0.0486i	10.3549-5.3189i	-6.4059-1.1880i	0.7013+11.5612i	-1.1265-10.3233i
52.8	0.0119+0.0280i	0.1143-0.2693i	0.0307-0.0755i	0.0469-0.0543i	9.5123-6.7462i	-7.2461-2.2159i	1.3457+11.7237i	-0.8477-10.3169i
52.9	0.0092+0.0069i	0.0887-0.2764i	0.0237-0.0887i	0.0387-0.0615i	9.2985-6.8135i	-7.5056-1.7082i	1.9709+11.2796i	-1.6033-10.1918i
53.0	-0.0129+0.0315i	0.0717-0.2469i	0.0095-0.0713i	0.0222-0.0410i	9.6488-7.0132i	-7.3448-1.5512i	2.2820+11.1130i	-2.2336-9.6134i
53.1	-0.1453-0.0267i	-0.0362-0.2661i	-0.0718-0.0976i	-0.0543-0.0791i	8.5098-5.8595i	-8.6193+0.0007i	2.4696+10.2601i	-3.3433-10.0649i
53.2	-0.1260+0.1030i	-0.0193-0.1946i	-0.0601-0.0299i	-0.0429+0.0007i	9.3481-6.8156i	-7.6486-0.8566i	2.4786+10.7127i	-3.3976-8.9413i
53.3	-0.0455+0.1396i	0.0172-0.1573i	-0.0213-0.0055i	0.0012+0.0302i	8.8599-7.5438i	-7.5879-0.9025i	3.0105+10.3339i	-3.2495-8.0066i
53.4	-0.0709+0.2142i	0.0030-0.1118i	-0.0363+0.0335i	-0.0145+0.0733i	9.2870-7.5576i	-7.1918-0.4539i	3.1211+9.9922i	-3.8275-7.1038i
53.5	0.0189+0.2079i	0.0303-0.1125i	0.0009+0.0321i	0.0339+0.0756i	9.0702-8.2757i	-7.7988-0.5348i	3.9401+10.0239i	-3.7865-7.0031i
53.6	0.0266+0.1286i	0.0154-0.1434i	-0.0032-0.0060i	0.0455+0.0305i	7.3435-8.5950i	-9.0996-0.7536i	4.6990+9.4209i	-3.6688-7.2768i
53.7	0.0110+0.1482i	0.0128-0.1126i	-0.0082+0.0117i	0.0407+0.0475i	7.1825-7.6051i	-8.9995-0.1608i	4.5667+8.9861i	-3.8393-7.0085i
53.8	0.1196+0.2052i	0.0913-0.0815i	0.0496+0.0403i	0.1062+0.0822i	7.5516-8.3271i	-8.3030-0.6003i	4.9513+8.8871i	-3.7957-6.0925i
53.9	0.1926+0.1802i	0.1384-0.0937i	0.0868+0.0295i	0.1562+0.0638i	7.7787-8.7266i	-8.4403-0.4175i	5.5579+8.1924i	-4.1576-5.2511i
54.0	0.1480+0.1529i	0.1192-0.0909i	0.0644+0.0239i	0.1306+0.0478i	8.0841-7.7803i	-8.3919+0.5193i	5.1011+7.2877i	-4.5125-4.5248i
54.1	0.1556+0.0384i	0.1213-0.1748i	0.0666-0.0397i	0.1376-0.0237i	7.5551-8.0480i	-9.0987+0.5521i	5.0835+6.6799i	-3.8782-4.4436i
54.2	0.0580-0.0117i	0.0464-0.2235i	0.0068-0.0675i	0.0832-0.0628i	7.1567-8.8656i	-9.9405+0.3501i	5.1258+6.6373i	-3.6702-4.6429i
54.3	0.0908+0.0686i	0.0502-0.1695i	0.0212-0.0198i	0.0950-0.0156i	6.7040-9.0442i	-9.4545+0.8034i	5.1665+6.2041i	-3.4781-3.5806i
54.4	0.1380+0.0691i	0.0776-0.1602i	0.0498-0.0155i	0.1210-0.0124i	6.4058-8.9741i	-9.0663+0.6803i	4.9868+5.9504i	-2.7750-3.2436i
54.5	0.1797+0.0404i	0.0951-0.1742i	0.0683-0.0279i	0.1454-0.0331i	6.1972-9.3723i	-9.2857+0.7632i	5.3478+5.5732i	-2.3650-3.1098i
54.6	0.2527+0.0849i	0.1493-0.1429i	0.1109+0.0000i	0.1864-0.0032i	7.2001-9.8550i	-8.5824+0.8081i	5.5322+5.7308i	-2.2047-2.5494i
54.7	0.1642+0.0365i	0.0977-0.1650i	0.0637-0.0228i	0.1374-0.0347i	7.0311-9.4465i	-8.7728+1.5793i	5.2399+5.0249i	-2.5921-2.6936i
54.8	0.0686+0.0788i	0.0225-0.1431i	0.0092+0.0029i	0.0758-0.0201i	6.6039-9.4347i	-9.0735+2.3478i	4.8077+4.4493i	-2.8642-2.4452i
54.9	0.1363+0.0939i	0.0380-0.1150i	0.0415+0.0160i	0.1079-0.0076i	6.1668-9.1377i	-9.4764+2.7556i	4.9993+4.2729i	-2.4301-2.4575i
55.0	0.1579+0.0598i	0.0538-0.1226i	0.0523+0.0016i	0.1184-0.0287i	6.0914-9.3099i	-9.2163+3.2431i	5.0920+3.7379i	-2.3607-2.2368i
55.1	0.2110+0.0544i	0.0944-0.1147i	0.0819+0.0066i	0.1479-0.0232i	6.3697-9.5996i	-8.3654+3.0908i	4.8875+3.5591i	-1.9817-1.8447i
55.2	0.2700-0.0218i	0.1401-0.1695i	0.1205-0.0349i	0.1893-0.0685i	6.2697-10.7746i	-8.6366+2.2290i	5.1939+3.4886i	-1.3962-1.8326i
55.3	0.2880-0.0065i	0.1565-0.1507i	0.1334-0.0237i	0.1947-0.0579i	6.4487-11.0045i	-7.8963+2.6221i	4.9474+3.1322i	-1.3963-1.3889i
55.4	0.2838-0.0798i	0.1509-0.1983i	0.1320-0.0617i	0.1915-0.1019i	6.0411-11.8057i	-8.2376+2.5492i	5.0940+2.7258i	-1.1276-1.4641i
55.5	0.1802-0.1385i	0.0860-0.2364i	0.0759-0.0912i	0.1363-0.1398i	5.3613-11.9173i	-9.2267+2.6633i	4.8564+2.3444i	-1.0621-1.8234i
55.6	0.1794-0.0537i	0.0758-0.1764i	0.0772-0.0470i	0.1300-0.0925i	4.6943-11.7444i	-8.9656+3.4472i	4.5818+2.0827i	-0.9710-1.4547i
55.7	0.2026-0.1088i	0.0957-0.2070i	0.0926-0.0694i	0.1445-0.1237i	4.6787-11.9970i	-8.9146+3.9059i	4.5906+1.6621i	-0.8529-1.4970i
55.8	0.2331-0.1643i	0.1232-0.2456i	0.1157-0.1054i	0.1624-0.1552i	4.0435-12.8284i	-8.3971+3.3689i	4.3782+1.2933i	-0.3305-1.2005i
55.9	0.2367-0.2092i	0.1262-0.2775i	0.1215-0.1270i	0.1649-0.1826i	3.6313-13.7191i	-8.2681+3.4022i	4.3598+1.0542i	-0.0352-1.1092i
56.0	0.1875-0.2264i	0.0893-0.2900i	0.0942-0.1369i	0.1325-0.1942i	2.8997-13.7059i	-8.0055+3.6887i	3.9120+0.6848i	0.1501-1.0480i

56.1	0.1911−0.1602i	0.0852−0.2403i	0.0951−0.0988i	0.1300−0.1542i	2.1589−13.6087i	−7.8927+3.7829i	3.6115+0.8179i	0.3629−0.7649i
56.2	0.1968−0.2649i	0.0960−0.3062i	0.1034−0.1585i	0.1380−0.2136i	1.3532−13.2359i	−8.0842+3.4426i	3.5205+0.5354i	0.7807−1.2865i
56.3	0.1664−0.3117i	0.0738−0.3411i	0.0870−0.1867i	0.1179−0.2422i	0.2825−13.3692i	−7.7665+3.2082i	3.1993+0.1714i	1.1102−1.2690i
56.4	0.1215−0.3588i	0.0389−0.3720i	0.0668−0.2122i	0.0914−0.2696i	−0.8868−13.3165i	−7.8807+3.0637i	2.9296−0.1268i	1.3924−1.4531i
56.5	0.1130−0.3507i	0.0381−0.3661i	0.0635−0.2103i	0.0848−0.2636i	−0.8170−13.1490i	−7.9120+2.8488i	2.6891+0.0506i	1.6149−1.4303i
56.6	0.0781−0.3661i	0.0142−0.3747i	0.0442−0.2180i	0.0639−0.2710i	−1.4261−12.9090i	−7.9133+2.9739i	2.4330−0.0654i	1.7944−1.5719i
56.7	0.0124−0.3863i	−0.0317−0.3872i	0.0119−0.2328i	0.0291−0.2853i	−2.4061−12.2620i	−8.2063+2.7738i	2.1207−0.2756i	1.8941−1.8651i
56.8	−0.0167−0.3901i	−0.0542−0.3865i	−0.0070−0.2361i	0.0057−0.2869i	−3.2537−11.6493i	−7.8620+2.5384i	1.7700−0.3257i	2.0492−1.9014i
56.9	−0.0717−0.3678i	−0.0910−0.3674i	−0.0339−0.2258i	−0.0241−0.2734i	−3.6116−10.6272i	−8.0441+2.8576i	1.5112−0.3444i	1.9826−2.1606i
57.0	−0.0761−0.3590i	−0.0942−0.3685i	−0.0369−0.2218i	−0.0283−0.2699i	−3.3461−10.7729i	−8.1909+2.8095i	1.4063−0.1888i	2.1152−2.1979i
57.1	−0.1083−0.3427i	−0.1222−0.3566i	−0.0562−0.2157i	−0.0503−0.2607i	−4.0693−10.2345i	−8.1754+2.8877i	1.0737−0.3490i	2.2268−2.3083i
57.2	−0.1576−0.2833i	−0.1555−0.3130i	−0.0829−0.1826i	−0.0783−0.2261i	−4.0851−9.1964i	−8.5209+2.9974i	0.7983−0.0982i	2.1672−2.4721i
57.3	−0.0963−0.3139i	−0.1115−0.3134i	−0.0479−0.1977i	−0.0414−0.2362i	−4.2349−7.9319i	−8.5593+2.6061i	0.6560−0.1588i	2.6161−2.7647i
57.4	−0.1643−0.3817i	−0.1535−0.3731i	−0.0847−0.2395i	−0.0779−0.2808i	−4.7846−8.0319i	−8.5845+2.1032i	0.5761−0.3053i	2.7056−2.8496i
57.5	−0.1819−0.3429i	−0.1671−0.3472i	−0.0948−0.2183i	−0.0901−0.2579i	−4.4767−7.7863i	−8.6243+2.2870i	0.3427−0.1981i	2.5932−2.8113i
57.6	−0.2246−0.3182i	−0.1958−0.3268i	−0.1200−0.2035i	−0.1170−0.2432i	−4.2690−7.1463i	−9.1326+2.5941i	0.1803−0.1554i	2.4261−3.1223i
57.7	−0.2446−0.2865i	−0.2128−0.3066i	−0.1319−0.1912i	−0.1292−0.2278i	−4.2111−6.5525i	−9.2171+2.7365i	0.0192−0.0683i	2.4641−3.2241i
57.8	−0.2692−0.2906i	−0.2306−0.3096i	−0.1427−0.1934i	−0.1465−0.2284i	−4.6462−6.3544i	−9.3760+2.5904i	−0.0104−0.1499i	2.6276−3.3218i
57.9	−0.2879−0.2519i	−0.2437−0.2807i	−0.1574−0.1746i	−0.1572−0.2065i	−4.4180−5.6884i	−9.4486+2.8844i	−0.2606−0.0315i	2.4786−3.4415i
58.0	−0.3048−0.2389i	−0.2565−0.2681i	−0.1694−0.1674i	−0.1652−0.1966i	−4.3286−5.3129i	−9.6788+2.8734i	−0.4208+0.0114i	2.5165−3.4860i
58.1	−0.3157−0.2131i	−0.2605−0.2506i	−0.1736−0.1527i	−0.1694−0.1837i	−3.8168−4.9370i	−10.1815+2.8419i	−0.4569+0.1947i	2.5693−3.7344i
58.2	−0.3099−0.2115i	−0.2532−0.2525i	−0.1693−0.1522i	−0.1664−0.1843i	−3.6121−4.9956i	−10.2937+2.8337i	−0.4895+0.2535i	2.6020−3.5637i
58.3	−0.3386−0.1927i	−0.2807−0.2397i	−0.1884−0.1461i	−0.1855−0.1700i	−3.9250−4.3841i	−10.5815+2.8967i	−0.7055+0.2319i	2.7303−3.7699i
58.4	−0.3412−0.1419i	−0.2902−0.1970i	−0.1954−0.1130i	−0.1909−0.1417i	−3.3250−3.8331i	−10.9803+3.1551i	−0.8730+0.4677i	2.7465−3.9753i
58.5	−0.3220−0.1508i	−0.2542−0.1957i	−0.1814−0.1174i	−0.1724−0.1451i	−3.1499−3.4485i	−11.0497+3.4804i	−0.9500+0.4611i	2.7073−4.1622i
58.6	−0.3633−0.1533i	−0.2847−0.2135i	−0.2024−0.1232i	−0.1969−0.1525i	−3.1138−3.3685i	−11.4504+3.6380i	−1.0088+0.4540i	2.5844−4.4044i
58.7	−0.3925−0.1110i	−0.3221−0.1879i	−0.2226−0.1051i	−0.2204−0.1304i	−2.9554−3.1505i	−11.7917+4.2719i	−1.0965+0.5374i	2.4063−4.4531i
58.8	−0.4142−0.1220i	−0.3289−0.2082i	−0.2357−0.1190i	−0.2287−0.1447i	−3.3028−3.1040i	−12.1694+4.3097i	−1.0961+0.3963i	2.6024−4.8225i
58.9	−0.4265−0.1145i	−0.3413−0.2080i	−0.2428−0.1162i	−0.2368−0.1406i	−3.3392−3.0813i	−12.3565+4.3734i	−1.0136+0.4323i	2.7438−5.0476i
59.0	−0.4384−0.0707i	−0.3596−0.1723i	−0.2553−0.0854i	−0.2456−0.1126i	−2.8615−2.4907i	−12.5023+4.8630i	−1.2764+0.5350i	2.5750−5.1257i
59.1	−0.4417−0.0330i	−0.3594−0.1417i	−0.2588−0.0665i	−0.2492−0.0911i	−2.4132−2.0315i	−12.5949+5.2093i	−1.5283+0.7641i	2.2697−5.0887i
59.2	−0.4434−0.0144i	−0.3626−0.1289i	−0.2601−0.0544i	−0.2503−0.0822i	−2.0199−1.9272i	−12.8511+5.3163i	−1.4426+0.9006i	2.2515−5.1453i
59.3	−0.4400−0.0030i	−0.3605−0.1233i	−0.2605−0.0495i	−0.2465−0.0751i	−1.9022−1.9046i	−12.7694+5.4296i	−1.3075+0.9010i	2.3680−5.2164i
59.4	−0.4302+0.0073i	−0.3519−0.1182i	−0.2521−0.0424i	−0.2407−0.0686i	−1.3341−2.1894i	−12.9816+5.5290i	−1.2707+1.1117i	2.3449−5.2481i
59.5	−0.4344+0.0410i	−0.3545−0.0944i	−0.2538−0.0260i	−0.2435−0.0530i	−1.3208−2.0645i	−13.1393+6.0800i	−1.3256+1.1239i	2.1927−5.3827i
59.6	−0.4260+0.0675i	−0.3471−0.0801i	−0.2516−0.0104i	−0.2411−0.0367i	−0.7700−1.9585i	−13.3187+6.4223i	−1.2759+1.2254i	2.1245−5.4422i
59.7	−0.4300+0.0832i	−0.3531−0.0725i	−0.2546−0.0034i	−0.2424−0.0313i	−0.6046−1.8985i	−13.6456+6.5751i	−1.2512+1.2162i	2.2175−5.5301i
59.8	−0.4605+0.1133i	−0.3823−0.0578i	−0.2747+0.0082i	−0.2611−0.0207i	−1.0821−1.4016i	−13.9636+7.1352i	−1.3804+1.0139i	2.0727−5.7835i
59.9	−0.4545+0.1349i	−0.3886−0.0516i	−0.2748+0.0180i	−0.2615−0.0115i	−0.6992−1.3013i	−14.0234+7.7201i	−1.2970+1.0912i	2.0529−5.9830i
60.0	−0.4793+0.1995i	−0.4347+0.0016i	−0.3171+0.0656i	−0.3097+0.0348i	−4.2014−0.8937i	−18.5541+7.9556i	−0.8400+0.8090i	4.8953−5.4158i
60.1	−0.4350+0.1684i	−0.3783−0.0460i	−0.2654+0.0317i	−0.2524+0.0007i	−0.1363−2.0170i	−14.4801+8.3706i	−1.2547+1.1838i	2.0956−6.0215i
60.2	−0.4336+0.2088i	−0.3974−0.0157i	−0.2719+0.0536i	−0.2607+0.0191i	0.0846−1.6504i	−14.4882+9.1773i	−1.3864+1.1149i	1.8146−6.2570i
60.3	−0.4391+0.2362i	−0.4238+0.0057i	−0.2863+0.0707i	−0.2741+0.0361i	−0.2637−1.3685i	−14.3611+9.9831i	−1.4024+0.8706i	1.5097−6.6345i
60.4	−0.4192+0.2477i	−0.4213+0.0049i	−0.2792+0.0742i	−0.2630+0.0424i	0.1954−1.5157i	−14.4329+10.0511i	−1.3752+1.0185i	1.5828−6.6382i
60.5	−0.4079+0.2830i	−0.4314+0.0334i	−0.2784+0.0951i	−0.2643+0.0583i	0.5595−1.3564i	−14.6039+10.7250i	−1.4706+1.0943i	1.5133−6.7537i
60.6	−0.3926+0.2971i	−0.4365+0.0500i	−0.2754+0.1071i	−0.2605+0.0698i	0.5239−1.4090i	−14.5736+11.2120i	−1.4506+1.1209i	1.4893−6.9368i
60.7	−0.3983+0.3239i	−0.4671+0.0707i	−0.2865+0.1223i	−0.2702+0.0799i	0.3891−1.6214i	−15.2340+11.9983i	−1.4068+1.1082i	1.5631−7.3261i
60.8	−0.3529+0.3661i	−0.4427+0.1333i	−0.2683+0.1591i	−0.2519+0.1132i	0.9949−1.2061i	−14.5716+12.7734i	−1.5632+1.1828i	0.9662−7.3217i
60.9	−0.3112+0.3754i	−0.4093+0.1552i	−0.2405+0.1682i	−0.2312+0.1227i	1.3752−1.5415i	−14.1682+13.2948i	−1.3976+1.2100i	0.7065−7.1783i
61.0	−0.2972+0.3845i	−0.4133+0.1718i	−0.2393+0.1772i	−0.2294+0.1306i	1.4082−1.5435i	−14.2732+13.9776i	−1.5121+1.1790i	0.6029−7.4598i
61.1	−0.2894+0.3884i	−0.4238+0.1925i	−0.2391+0.1837i	−0.2335+0.1336i	0.9931−1.4120i	−14.0212+14.6570i	−1.5812+0.9063i	0.3321−7.6952i
61.2	−0.2741+0.3979i	−0.4199+0.1978i	−0.2312+0.1912i	−0.2250+0.1378i	1.3623−1.7715i	−14.2632+15.1949i	−1.5553+0.9425i	0.4743−7.8543i
61.3	−0.2276+0.4136i	−0.3808+0.2323i	−0.2060+0.2099i	−0.2014+0.1576i	1.9666−1.7844i	−13.2399+15.8497i	−1.7725+1.0756i	0.0230−7.7116i
61.4	−0.2115+0.4163i	−0.3828+0.2459i	−0.2033+0.2163i	−0.1997+0.1617i	1.8952−1.9671i	−13.0478+16.5434i	−1.6569+0.9842i	−0.1379−7.9110i
61.5	−0.1930+0.4098i	−0.3759+0.2491i	−0.1945+0.2138i	−0.1946+0.1577i	1.9257−2.3187i	−13.0363+17.0550i	−1.6954+0.9952i	−0.1743−7.9124i
61.6	−0.1697+0.4142i	−0.3565+0.2826i	−0.1766+0.2242i	−0.1799+0.1723i	2.2370−2.1003i	−12.2610+17.5543i	−1.8303+0.9995i	−0.4682−7.7762i
61.7	−0.1582+0.4153i	−0.3529+0.3201i	−0.1730+0.2376i	−0.1840+0.1841i	1.9244−2.1483i	−11.6833+18.5577i	−1.8572+0.8886i	−0.9295−8.1285i
61.8	−0.1573+0.4162i	−0.3492+0.3431i	−0.1729+0.2464i	−0.1829+0.1886i	1.5598−1.9626i	−10.9666+19.1811i	−1.9980+0.6964i	−1.4333−8.2591i
61.9	−0.1164+0.4357i	−0.2984+0.3861i	−0.1430+0.2697i	−0.1577+0.2135i	2.4960−1.4505i	−10.2316+19.4313i	−2.3433+0.8787i	−1.9033−7.9908i
62.0	−0.0991+0.4264i	−0.2839+0.3916i	−0.1323+0.2675i	−0.1486+0.2123i	2.3861−2.0674i	−9.5359+20.2429i	−2.2915+0.9850i	−2.1154−8.0284i
62.1	−0.0933+0.4235i	−0.2623+0.4179i	−0.1239+0.2755i	−0.1402+0.2194i	2.3040−1.8949i	−8.7145+20.7145i	−2.3782+0.8710i	−2.4211−8.1106i
62.2	−0.0624+0.4282i	−0.2128+0.4393i	−0.0954+0.2838i	−0.1170+0.2289i	2.5250−1.8697i	−7.4036+20.7950i	−2.4542+0.9033i	−2.9829−7.7674i
62.3	−0.0412+0.4335i	−0.1720+0.4651i	−0.0777+0.2956i	−0.1029+0.2424i	2.7536−1.8007i	−6.3794+21.1596i	−2.5380+0.9121i	−3.4878−7.6263i

62.4	-0.0458+0.4391i	-0.1643+0.4818i	-0.0768+0.3013i	-0.1059+0.2498i	2.5875-1.5546i	-6.0187+21.7570i	-2.6933+0.8978i	-3.7813-7.6805i
62.5	-0.0373+0.4191i	-0.1421+0.4742i	-0.0641+0.2940i	-0.0960+0.2410i	2.2565-1.8704i	-5.0788+21.9719i	-2.7266+0.8339i	-3.9870-7.5462i
62.6	-0.0125+0.4226i	-0.0873+0.4831i	-0.0398+0.2987i	-0.0738+0.2511i	2.4350-1.6711i	-3.4817+21.5963i	-2.8809+0.8553i	-4.4725-7.1544i
62.7	-0.0077+0.4319i	-0.0607+0.4839i	-0.0268+0.3012i	-0.0653+0.2519i	2.9610-1.6178i	-3.1036+21.6934i	-2.9716+1.0578i	-4.6546-6.9281i
62.8	0.0098+0.4316i	-0.0291+0.4760i	-0.0145+0.2961i	-0.0510+0.2520i	3.3910-1.7024i	-2.5818+21.6502i	-3.0562+1.1533i	-4.8361-6.7355i
62.9	0.0347+0.4172i	0.0076+0.4590i	0.0069+0.2879i	-0.0315+0.2463i	3.6695-1.9138i	-1.6668+21.1979i	-3.0715+1.3670i	-4.9354-6.3060i
63.0	0.0590+0.4204i	0.0439+0.4490i	0.0264+0.2853i	-0.0166+0.2437i	4.0328-2.1943i	-0.7950+21.0929i	-3.1296+1.4964i	-5.2200-6.0277i
63.1	0.0634+0.4196i	0.0567+0.4442i	0.0303+0.2849i	-0.0112+0.2459i	4.0614-2.1388i	-0.1811+20.9292i	-3.1466+1.3753i	-5.4213-5.7756i
63.2	0.0698+0.4115i	0.0746+0.4362i	0.0411+0.2778i	-0.0027+0.2424i	3.9398-2.0556i	0.6376+20.6028i	-3.2320+1.3732i	-5.5511-5.4306i
63.3	0.0841+0.4238i	0.1140+0.4372i	0.0564+0.2832i	0.0124+0.2491i	4.5830-1.7774i	1.2158+19.9200i	-3.4943+1.5027i	-5.6053-5.0584i
63.4	0.0979+0.4086i	0.1276+0.4130i	0.0685+0.2704i	0.0228+0.2394i	4.5791-1.8194i	1.8242+19.4232i	-3.5012+1.6428i	-5.7112-4.6712i
63.5	0.1099+0.4047i	0.1475+0.4106i	0.0745+0.2666i	0.0294+0.2410i	4.6960-2.0279i	2.4462+19.4940i	-3.6142+1.6382i	-5.9652-4.5605i
63.6	0.1193+0.4009i	0.1640+0.3921i	0.0835+0.2631i	0.0398+0.2398i	4.9837-2.0328i	2.7813+18.9131i	-3.5846+1.6417i	-5.9089-4.3344i
63.7	0.1444+0.3896i	0.1966+0.3701i	0.1013+0.2511i	0.0590+0.2307i	5.4304-2.2557i	3.3607+18.2557i	-3.5858+1.9545i	-5.9713-3.7414i
63.8	0.1580+0.3779i	0.2134+0.3470i	0.1136+0.2427i	0.0695+0.2237i	5.8825-2.3942i	3.4877+17.3860i	-3.5806+2.0334i	-5.8966-3.2824i
63.9	0.1727+0.3547i	0.2195+0.3161i	0.1186+0.2233i	0.0768+0.2065i	5.8312-2.8935i	3.8279+16.8558i	-3.5739+2.1570i	-5.7201-2.9689i
64.0	0.1770+0.3629i	0.2350+0.3086i	0.1268+0.2201i	0.0819+0.2080i	5.8432-2.8656i	4.5152+16.7838i	-3.6304+2.1665i	-5.8676-2.7044i
64.1	0.1914+0.3483i	0.2486+0.2819i	0.1340+0.2082i	0.0920+0.1989i	6.1975-3.2533i	4.7078+16.1110i	-3.6268+2.2420i	-5.6848-2.4394i
64.2	0.2105+0.3311i	0.2596+0.2514i	0.1448+0.1946i	0.0999+0.1817i	6.5836-3.9505i	4.5560+15.6535i	-3.6140+2.4075i	-5.4490-2.1992i
64.3	0.2117+0.3353i	0.2719+0.2444i	0.1481+0.1955i	0.1052+0.1868i	7.0369-3.8801i	4.6522+15.2515i	-3.5742+2.5505i	-5.5360-1.9642i
64.4	0.2247+0.3365i	0.2841+0.2355i	0.1576+0.1935i	0.1122+0.1865i	7.2241-3.8077i	4.9632+14.8209i	-3.7063+2.5952i	-5.5258-1.6845i
64.5	0.2290+0.3116i	0.2800+0.2063i	0.1571+0.1733i	0.1140+0.1694i	7.0544-4.4857i	4.7444+14.3877i	-3.6192+2.6097i	-5.2101-1.4673i
64.6	0.2486+0.2958i	0.2921+0.1721i	0.1693+0.1553i	0.1249+0.1524i	7.4942-5.4168i	4.7198+14.0667i	-3.6085+2.7936i	-5.1260-1.1760i
64.7	0.2591+0.2911i	0.2990+0.1591i	0.1734+0.1552i	0.1309+0.1505i	7.7620-5.5716i	4.9255+13.5670i	-3.6613+2.7913i	-5.0888-0.9238i
64.8	0.2548+0.2855i	0.2926+0.1537i	0.1711+0.1504i	0.1317+0.1475i	7.9160-5.5716i	4.9559+13.3522i	-3.5171+2.7873i	-4.9522-0.8305i
64.9	0.2586+0.2651i	0.2839+0.1258i	0.1691+0.1337i	0.1296+0.1321i	7.6732-6.2699i	4.9323+13.2073i	-3.4204+2.8327i	-4.8110-0.7175i
65.0	0.2687+0.2460i	0.2870+0.0998i	0.1741+0.1203i	0.1359+0.1229i	7.6375-7.2147i	4.9821+13.0734i	-3.4372+3.0254i	-4.6796-0.4621i
65.1	0.2772+0.2442i	0.2983+0.0931i	0.1786+0.1172i	0.1399+0.1199i	7.9187-7.2190i	5.1597+12.3931i	-3.5694+2.9128i	-4.6112-0.2414i
65.2	0.2744+0.2394i	0.2901+0.0829i	0.1766+0.1148i	0.1366+0.1144i	8.0058-7.3466i	4.9771+12.1376i	-3.4891+2.8470i	-4.3916-0.2040i
65.3	0.2825+0.2095i	0.2830+0.0450i	0.1775+0.0915i	0.1433+0.1017i	8.0359-8.6470i	4.7764+11.9471i	-3.2952+3.1372i	-4.0684-0.1028i
65.4	0.2917+0.1978i	0.2858+0.0204i	0.1815+0.0793i	0.1442+0.0877i	8.1472-9.5360i	4.5115+11.8062i	-3.3982+3.1698i	-3.9367+0.1119i
65.5	0.2879+0.1777i	0.2695+0.0043i	0.1749+0.0705i	0.1387+0.0787i	7.1448-10.1185i	4.5945+11.6426i	-3.3333+3.1686i	-3.8099+0.1147i
65.6	0.2880+0.1644i	0.2486-0.0086i	0.1706+0.0617i	0.1381+0.0693i	6.8331-10.7250i	4.5289+11.6043i	-3.2571+3.1538i	-3.6628+0.1077i
65.7	0.2953+0.1475i	0.2432-0.0334i	0.1702+0.0506i	0.1377+0.0620i	6.7583-11.7374i	4.5004+11.5963i	-3.0385+3.2657i	-3.3932+0.1695i
65.8	0.2855+0.1360i	0.2276-0.0396i	0.1657+0.0430i	0.1301+0.0542i	5.8326-11.9456i	4.6631+11.4490i	-3.0022+3.2778i	-3.2734+0.3735i
65.9	0.2810+0.1303i	0.2099-0.0461i	0.1589+0.0383i	0.1249+0.0512i	5.4179-12.1933i	4.3877+11.2748i	-3.0375+3.1734i	-3.2575+0.3498i
66.0	0.2867+0.1185i	0.2035-0.0577i	0.1566+0.0313i	0.1261+0.0452i	5.0630-12.9442i	4.5232+11.3860i	-3.0664+3.1782i	-3.0736+0.4044i
66.1	0.2894+0.1085i	0.1896-0.0637i	0.1532+0.0264i	0.1235+0.0416i	4.2031-13.6357i	4.7677+11.6496i	-3.1534+3.2968i	-2.9503+0.4934i
66.2	0.2778+0.0958i	0.1708-0.0609i	0.1418+0.0238i	0.1152+0.0355i	3.3369-13.5227i	4.6583+11.4823i	-3.0343+3.2245i	-2.8607+0.4302i
66.3	0.2741+0.0830i	0.1536-0.0682i	0.1379+0.0144i	0.1132+0.0305i	2.5611-13.8903i	4.6551+11.4137i	-2.9394+3.1802i	-2.7537+0.4946i
66.4	0.2657+0.0650i	0.1373-0.0651i	0.1331+0.0111i	0.1095+0.0287i	1.6126-13.8890i	4.8597+11.1221i	-3.0051+3.0734i	-2.6913+0.3267i
66.5	0.2668+0.0639i	0.1389-0.0641i	0.1285+0.0092i	0.1084+0.0291i	1.3993-14.0359i	4.9525+11.1724i	-3.0005+3.0509i	-2.6755+0.3735i
66.6	0.2695+0.0582i	0.1418-0.0665i	0.1336+0.0071i	0.1102+0.0270i	1.0932-14.0567i	4.8623+11.2173i	-3.1525+3.0986i	-2.4962+0.4868i
66.7	0.2616+0.0420i	0.1322-0.0705i	0.1256+0.0015i	0.1094+0.0233i	-0.0010-13.9809i	5.0663+11.2460i	-3.3061+2.9850i	-2.4299+0.6260i
66.8	0.2414+0.0418i	0.1170-0.0535i	0.1155+0.0082i	0.1008+0.0240i	-0.6063-13.3590i	5.2851+11.1522i	-3.3225+2.9111i	-2.5232+0.7922i
66.9	0.2303+0.0293i	0.1073-0.0513i	0.1089-0.0003i	0.0935+0.0222i	-1.3096-13.2021i	5.4730+10.8464i	-3.1331+2.9149i	-2.4977+0.5974i
67.0	0.2329+0.0238i	0.1039-0.0601i	0.1106-0.0037i	0.0924+0.0187i	-1.7751-13.6657i	5.6438+10.9689i	-3.2909+2.8601i	-2.2629+0.6011i
67.1	0.2216+0.0221i	0.1009-0.0533i	0.1045-0.0039i	0.0916+0.0193i	-2.3813-13.3089i	5.7839+10.8046i	-3.4878+2.7802i	-2.3031+0.6578i
67.2	0.2107+0.0208i	0.0956-0.0495i	0.0990-0.0000i	0.0893+0.0179i	-2.9272-12.7051i	5.8618+10.6915i	-3.5151+2.8983i	-2.3317+0.7968i
67.3	0.2009+0.0166i	0.0872-0.0471i	0.0954-0.0020i	0.0864+0.0170i	-3.3609-12.1105i	6.1704+10.2037i	-3.2908+2.9494i	-2.1817+0.7035i
67.4	0.1966+0.0169i	0.0862-0.0446i	0.0921-0.0024i	0.0831+0.0171i	-3.9239-12.0897i	6.4237+10.1626i	-3.5827+2.8854i	-2.1786+0.6889i
67.5	0.1949+0.0161i	0.0844-0.0429i	0.0917+0.0004i	0.0823+0.0164i	-4.0879-11.7829i	6.3587+10.2007i	-3.6466+2.9220i	-2.0214+0.9008i
67.6	0.1790+0.0179i	0.0851-0.0369i	0.0862+0.0023i	0.0824+0.0173i	-4.3689-10.8062i	6.4028+9.6178i	-3.6529+2.9749i	-2.1040+0.8475i
67.7	0.1784+0.0236i	0.0869-0.0321i	0.0872+0.0059i	0.0809+0.0210i	-4.5666-10.8080i	6.3820+9.8459i	-3.8745+2.9611i	-2.1640+0.9757i
67.8	0.1762+0.0249i	0.0909-0.0324i	0.0879+0.0088i	0.0805+0.0223i	-4.8993-10.5337i	6.6630+9.7458i	-3.8833+3.0581i	-1.9326+1.1875i
67.9	0.1762+0.0271i	0.0959-0.0317i	0.0873+0.0076i	0.0815+0.0217i	-4.8759-10.1312i	6.6237+9.5391i	-3.9544+3.0262i	-1.8499+1.2903i
68.0	0.1809+0.0278i	0.0946-0.0344i	0.0894+0.0081i	0.0841+0.0221i	-4.8470-9.8674i	6.6259+9.4285i	-4.0559+3.2750i	-1.7639+1.3448i
68.1	0.1781+0.0222i	0.0940-0.0372i	0.0876+0.0035i	0.0831+0.0179i	-5.2775-9.4752i	6.9336+9.0183i	-4.0646+3.3741i	-1.6447+1.3043i
68.2	0.1686+0.0200i	0.0886-0.0371i	0.0830+0.0033i	0.0816+0.0168i	-5.6427-8.9866i	7.1216+8.6804i	-4.0576+3.2460i	-1.5940+1.3281i
68.3	0.1650+0.0241i	0.0834-0.0332i	0.0776+0.0060i	0.0796+0.0177i	-5.7513-8.6431i	7.0651+8.6497i	-4.2247+3.2572i	-1.7305+1.4074i
68.4	0.1617+0.0314i	0.0846-0.0276i	0.0794+0.0100i	0.0797+0.0225i	-5.9297-8.4357i	7.0644+8.5922i	-4.4407+3.2219i	-1.7903+1.4583i
68.5	0.1613+0.0368i	0.0897-0.0252i	0.0815+0.0129i	0.0813+0.0216i	-5.9011-8.2567i	6.9877+8.5500i	-4.6471+3.1071i	-1.7950+1.5172i
68.6	0.1644+0.0448i	0.0945-0.0246i	0.0826+0.0150i	0.0821+0.0249i	-5.5271-7.6701i	6.9403+8.0956i	-4.5314+3.2939i	-1.5363+1.5189i

68.7	0.1665+0.0368i	0.0922−0.0279i	0.0860+0.0120i	0.0829+0.0210i	−5.4777−7.4290i	7.0157+7.9530i	−4.4034+3.4104i	−1.3176+1.6289i
68.8	0.1659+0.0330i	0.0906−0.0343i	0.0835+0.0094i	0.0842+0.0170i	−5.7030−7.1384i	7.1098+7.6412i	−4.4260+3.5498i	−1.3252+1.6247i
68.9	0.1663+0.0364i	0.0967−0.0317i	0.0860+0.0136i	0.0852+0.0197i	−5.6822−6.9318i	7.0752+7.5871i	−4.7353+3.5806i	−1.2067+1.7230i
69.0	0.1649+0.0324i	0.0942−0.0311i	0.0821+0.0134i	0.0868+0.0142i	−5.5647−6.6160i	6.9784+7.5927i	−4.7650+3.6046i	−1.0830+1.8695i
69.1	0.1718+0.0297i	0.0966−0.0425i	0.0878+0.0056i	0.0913+0.0138i	−5.6940−6.5781i	7.1289+7.2953i	−4.6644+3.9728i	−1.0519+1.9440i
69.2	0.1740+0.0344i	0.1018−0.0377i	0.0904+0.0090i	0.0938+0.0149i	−5.6121−6.2479i	7.1002+7.1978i	−4.9535+3.8580i	−1.0134+2.0250i
69.3	0.1608+0.0356i	0.0929−0.0354i	0.0805+0.0105i	0.0852+0.0120i	−5.7293−5.9534i	7.0511+7.1628i	−4.9296+3.7594i	−0.9436+2.0249i
69.4	0.1646+0.0374i	0.0954−0.0388i	0.0897+0.0098i	0.0859+0.0120i	−5.5402−5.7398i	7.1153+7.0612i	−4.9703+4.0477i	−0.8317+2.1921i
69.5	0.1650+0.0339i	0.1017−0.0376i	0.0854+0.0092i	0.0878+0.0091i	−5.3685−5.4719i	7.0162+6.8015i	−5.0160+4.1138i	−0.6159+2.1998i
69.6	0.1595+0.0312i	0.0965−0.0368i	0.0851+0.0126i	0.0858+0.0090i	−5.3962−5.4821i	6.8406+6.7668i	−4.9595+4.0347i	−0.5173+2.1380i
69.7	0.1779+0.0333i	0.1102−0.0427i	0.0958+0.0096i	0.0928+0.0089i	−5.5827−5.1768i	7.2996+6.6770i	−5.1233+4.2431i	−0.3621+2.2749i
69.8	0.1761+0.0292i	0.1139−0.0471i	0.0960+0.0026i	0.0941+0.0080i	−5.3529−4.8870i	7.1955+6.3049i	−5.2306+4.2955i	−0.3046+2.2606i
69.9	0.1670+0.0327i	0.1086−0.0513i	0.0926+0.0047i	0.0889+0.0038i	−5.4050−4.8195i	7.0097+6.3786i	−5.3334+4.1259i	−0.4600+2.2667i
70.0	0.1694+0.0284i	0.1082−0.0568i	0.0887+0.0023i	0.0908−0.0003i	−5.1805−4.5395i	6.9879+6.1804i	−5.2301+4.3917i	−0.0915+2.4040i
70.1	0.1755+0.0250i	0.1117−0.0618i	0.0966+0.0008i	0.0928+0.0002i	−5.1820−4.3812i	7.2124+6.0567i	−5.4653+4.6096i	0.0239+2.4413i
70.2	0.1655+0.0202i	0.1031−0.0618i	0.0923−0.0017i	0.0865−0.0058i	−5.0883−4.2627i	6.9647+5.8985i	−5.3374+4.6278i	−0.0192+2.4157i
70.3	0.1726+0.0169i	0.1027−0.0703i	0.0937−0.0042i	0.0911−0.0108i	−5.1033−4.0501i	7.0665+5.7236i	−5.4973+5.0102i	0.2292+2.6328i
70.4	0.1709+0.0181i	0.0978−0.0700i	0.0963−0.0031i	0.0866−0.0139i	−4.9667−3.8111i	6.9636+5.7618i	−5.5270+5.0888i	0.3619+2.6923i
70.5	0.1659+0.0232i	0.0967−0.0683i	0.0926−0.0013i	0.0784−0.0127i	−4.9573−3.8957i	6.7062+5.9905i	−5.3222+5.1945i	0.3116+2.8459i
70.6	0.1653+0.0119i	0.0919−0.0827i	0.0911−0.0091i	0.0826−0.0165i	−4.9290−3.8089i	6.8470+5.6340i	−5.3982+5.4806i	0.5841+2.8531i
70.7	0.1686+0.0130i	0.0963−0.0777i	0.0928−0.0063i	0.0793−0.0119i	−4.8228−3.6501i	6.9901+5.4601i	−5.4737+5.4052i	0.9201+2.7126i
70.8	0.1724+0.0178i	0.1073−0.0759i	0.1038−0.0084i	0.0847−0.0102i	−4.7252−3.1629i	7.2265+5.3024i	−5.7247+5.3426i	1.0129+3.0149i
70.9	0.1697+0.0078i	0.0940−0.0915i	0.0987−0.0171i	0.0801−0.0201i	−4.6789−3.3994i	7.1426+5.3748i	−5.5402+5.6633i	1.2640+3.1202i
71.0	0.1719+0.0045i	0.0929−0.0992i	0.0968−0.0190i	0.0775−0.0236i	−4.5468−3.2760i	7.0641+5.3072i	−5.5217+5.9972i	1.4697+3.0578i
71.1	0.1703+0.0103i	0.1054−0.1013i	0.1007−0.0195i	0.0789−0.0166i	−4.3665−3.1715i	7.1601+4.9322i	−5.9951+5.6010i	1.5498+2.7617i
71.2	0.1641+0.0100i	0.1013−0.1055i	0.0989−0.0229i	0.0775−0.0219i	−4.2774−3.0152i	7.1938+4.8951i	−5.8858+5.7061i	1.8632+2.9410i
71.3	0.1638+0.0085i	0.0934−0.1108i	0.0970−0.0267i	0.0718−0.0230i	−4.3068−2.7781i	7.2796+4.6487i	−5.6725+6.1296i	2.0253+2.7617i
71.4	0.1661+0.0146i	0.0968−0.1173i	0.0974−0.0278i	0.0754−0.0240i	−4.2537−2.6483i	7.1583+4.5431i	−5.9788+6.1340i	1.9354+2.8360i
71.5	0.1647+0.0094i	0.0890−0.1215i	0.0961−0.0291i	0.0693−0.0282i	−4.0316−2.5859i	7.0300+4.6671i	−5.9532+6.2529i	2.0735+3.2138i
71.6	0.1739+0.0049i	0.0787−0.1434i	0.0940−0.0371i	0.0714−0.0364i	−4.1072−2.6566i	7.1325+4.2650i	−5.9516+6.9909i	2.1656+2.9922i
71.7	0.1726+0.0097i	0.0790−0.1495i	0.0938−0.0447i	0.0742−0.0318i	−4.0460−2.5846i	7.1502+3.8602i	−6.0919+6.9748i	2.2953+2.6535i
71.8	0.1741+0.0047i	0.0662−0.1589i	0.0903−0.0497i	0.0686−0.0335i	−3.7937−2.6238i	7.0857+3.8686i	−5.9537+7.3171i	2.6264+2.6981i
71.9	0.1765+0.0110i	0.0673−0.1581i	0.0881−0.0455i	0.0669−0.0333i	−3.7273−2.3967i	6.9822+3.8187i	−6.3655+7.4154i	2.5125+2.8767i
72.0	0.1761+0.0150i	0.0674−0.1574i	0.0907−0.0440i	0.0670−0.0301i	−3.7569−2.2077i	7.0623+3.6885i	−6.7005+7.4332i	2.5496+2.9451i
72.1	0.1835+0.0115i	0.0530−0.1696i	0.0837−0.0503i	0.0681−0.0340i	−3.4372−2.1806i	6.9357+3.5557i	−6.3292+7.8158i	2.8034+3.0425i
72.2	0.1837+0.0192i	0.0496−0.1718i	0.0802−0.0492i	0.0646−0.0339i	−3.2705−2.1323i	6.8608+3.4729i	−6.7849+7.9993i	2.9910+2.8910i
72.3	0.1840+0.0121i	0.0325−0.1824i	0.0827−0.0558i	0.0603−0.0355i	−3.3555−2.2382i	6.8967+3.3490i	−6.5058+8.4134i	3.4063+2.9039i
72.4	0.1898+0.0078i	0.0241−0.1851i	0.0771−0.0604i	0.0609−0.0362i	−3.1328−2.1212i	6.8223+3.2895i	−6.3385+8.8467i	3.4192+3.0814i
72.5	0.1883+0.0093i	0.0076−0.1800i	0.0727−0.0583i	0.0583−0.0337i	−3.2134−2.1623i	6.8064+3.0559i	−6.1621+9.2499i	3.4710+2.7799i
72.6	0.1887+0.0097i	−0.0027−0.1831i	0.0655−0.0606i	0.0556−0.0365i	−3.2599−2.0299i	6.7322+2.9013i	−6.2534+9.4891i	3.6302+2.5444i
72.7	0.1880+0.0112i	−0.0049−0.1764i	0.0661−0.0553i	0.0541−0.0290i	−3.0437−2.0369i	6.6293+2.9182i	−6.2561+9.2534i	3.6445+2.6700i
72.8	0.1870+0.0069i	−0.0178−0.1656i	0.0615−0.0526i	0.0498−0.0313i	−2.9818−2.0026i	6.5307+2.8290i	−5.7320+9.3745i	3.8502+2.6050i
72.9	0.2009+0.0007i	−0.0355−0.1710i	0.0580−0.0562i	0.0509−0.0331i	−2.8810−2.0255i	6.5018+2.6285i	−5.5173+9.9496i	4.1682+2.6183i
73.0	0.2076+0.0073i	−0.0420−0.1714i	0.0606−0.0514i	0.0518−0.0310i	−2.6888−1.9395i	6.4648+2.6518i	−5.7798+10.2173i	4.2605+2.8634i
73.1	0.2002+0.0033i	−0.0419−0.1561i	0.0565−0.0523i	0.0504−0.0248i	−2.6547−1.9182i	6.4263+2.6310i	−5.3901+10.0658i	4.5836+2.6291i
73.2	0.2037−0.0099i	−0.0626−0.1463i	0.0491−0.0506i	0.0457−0.0260i	−2.7162−1.9723i	6.3828+2.4703i	−4.7442+10.5220i	4.8849+2.5623i
73.3	0.2130−0.0037i	−0.0673−0.1512i	0.0523−0.0497i	0.0444−0.0272i	−2.4738−1.9764i	6.2338+2.4178i	−4.7180+11.1144i	5.0360+2.6384i
73.4	0.2206−0.0044i	−0.0743−0.1538i	0.0516−0.0531i	0.0518−0.0275i	−2.4666−2.0881i	6.3744+2.3532i	−5.0791+11.4828i	5.2608+2.5560i
73.5	0.2256−0.0107i	−0.0794−0.1434i	0.0506−0.0506i	0.0522−0.0224i	−2.3110−2.1260i	6.1482+2.2202i	−4.5729+11.5822i	5.1786+2.5744i
73.6	0.2303−0.0151i	−0.0861−0.1313i	0.0486−0.0510i	0.0499−0.0230i	−2.2646−2.0576i	6.0743+2.0750i	−4.4735+11.7268i	5.3998+2.5125i
73.7	0.2237−0.0198i	−0.0915−0.1242i	0.0452−0.0479i	0.0470−0.0237i	−2.3225−2.1339i	6.0330+1.9954i	−4.1897+11.5732i	5.8246+2.0712i
73.8	0.2338−0.0266i	−0.0965−0.1183i	0.0456−0.0463i	0.0521−0.0209i	−2.2540−2.0392i	6.0470+1.8047i	−4.1845+12.1121i	5.8493+2.0645i
73.9	0.2415−0.0314i	−0.0959−0.1136i	0.0473−0.0483i	0.0544−0.0211i	−2.2133−1.9737i	6.1060+1.7558i	−4.1390+12.3936i	6.1219+2.1171i
74.0	0.2477−0.0340i	−0.0999−0.1037i	0.0507−0.0470i	0.0549−0.0159i	−2.1239−2.0233i	6.0248+1.8417i	−3.9922+12.6237i	6.2432+2.1261i
74.1	0.2470−0.0471i	−0.1023−0.0871i	0.0520−0.0425i	0.0570−0.0170i	−2.0356−2.1320i	5.9202+1.7233i	−3.3081+12.7610i	6.2956+1.9526i
74.2	0.2467−0.0612i	−0.1054−0.0789i	0.0513−0.0466i	0.0569−0.0205i	−2.0061−2.1870i	5.8039+1.6549i	−2.4950+12.7978i	6.5562+1.8809i
74.3	0.2481−0.0726i	−0.1082−0.0678i	0.0458−0.0431i	0.0605−0.0222i	−1.9025−2.2867i	5.6765+1.6341i	−2.1759+13.2143i	6.9383+1.8416i
74.4	0.2475−0.0774i	−0.1023−0.0646i	0.0480−0.0452i	0.0646−0.0210i	−1.8071−2.2608i	5.6898+1.4576i	−2.0078+13.2435i	7.2064+1.8504i
74.5	0.2377−0.0772i	−0.0958−0.0594i	0.0459−0.0398i	0.0614−0.0202i	−1.8695−2.2303i	5.6329+1.5419i	−2.1117+12.5610i	7.4324+1.7343i
74.6	0.2434−0.0866i	−0.0923−0.0577i	0.0512−0.0447i	0.0636−0.0228i	−1.6948−2.1898i	5.6936+1.3632i	−1.8487+12.9956i	7.9658+1.5165i
74.7	0.2369−0.0830i	−0.0887−0.0502i	0.0524−0.0434i	0.0643−0.0216i	−1.8116−2.1472i	5.6121+1.2087i	−1.6695+13.1428i	7.8529+1.2798i
74.8	0.2394−0.0926i	−0.0870−0.0422i	0.0526−0.0423i	0.0659−0.0236i	−1.7849−2.1002i	5.4738+1.1365i	−1.2188+13.3946i	8.0398+1.0464i
74.9	0.2469−0.1034i	−0.0894−0.0403i	0.0555−0.0441i	0.0695−0.0234i	−1.6198−2.2583i	5.3938+1.0817i	−0.6836+13.6000i	8.2900+1.0499i

75.0	0.2456-0.0988i	-0.0784-0.0401i	0.0582-0.0440i	0.0735-0.0250i	-1.7226-2.1784i	5.4764+1.0593i	-1.1170+13.3936i	8.5950+0.8240i
75.1	0.2338-0.1090i	-0.0733-0.0374i	0.0591-0.0495i	0.0718-0.0263i	-1.8467-2.2216i	5.4872+0.8779i	-0.3972+13.1185i	8.9513+0.2819i
75.2	0.2464-0.1188i	-0.0768-0.0359i	0.0611-0.0456i	0.0792-0.0303i	-1.7309-2.3982i	5.2432+0.8599i	0.1191+13.5569i	8.9919+0.2474i
75.3	0.2410-0.1322i	-0.0741-0.0344i	0.0565-0.0524i	0.0760-0.0380i	-1.6291-2.4280i	5.2610+0.6856i	0.8112+13.6885i	9.3223-0.3966i
75.4	0.2404-0.1375i	-0.0715-0.0322i	0.0577-0.0526i	0.0802-0.0392i	-1.7497-2.4847i	5.2145+0.6903i	0.8620+13.3008i	9.5798-0.3516i
75.5	0.2446-0.1324i	-0.0656-0.0444i	0.0612-0.0561i	0.0808-0.0423i	-1.7542-2.4029i	5.2055+0.6774i	0.4425+13.1345i	9.9609-0.3869i
75.6	0.2438-0.1396i	-0.0691-0.0420i	0.0620-0.0598i	0.0777-0.0466i	-1.6900-2.4086i	5.1474+0.5065i	0.9867+13.0170i	10.1527-1.0694i
75.7	0.2580-0.1649i	-0.0739-0.0446i	0.0654-0.0699i	0.0841-0.0539i	-1.5215-2.5399i	5.1390+0.5712i	1.5559+13.2092i	10.8844-0.8779i
75.8	0.2454-0.1725i	-0.0710-0.0415i	0.0622-0.0680i	0.0779-0.0581i	-1.6562-2.4888i	5.1395+0.4846i	1.5894+12.7591i	10.9403-1.2596i
75.9	0.2327-0.1883i	-0.0726-0.0349i	0.0563-0.0696i	0.0715-0.0615i	-1.8514-2.5038i	5.0528+0.3562i	1.9888+12.5082i	11.0874-2.0863i
76.0	0.2397-0.1917i	-0.0775-0.0352i	0.0579-0.0716i	0.0771-0.0662i	-1.7010-2.5502i	5.0468+0.1968i	2.1560+12.9978i	11.3108-2.5725i
76.1	0.2362-0.1949i	-0.0753-0.0383i	0.0558-0.0759i	0.0764-0.0672i	-1.6270-2.3927i	4.9108+0.1175i	2.2672+13.0124i	11.3650-2.6227i
76.2	0.2395-0.2044i	-0.0737-0.0354i	0.0573-0.0769i	0.0786-0.0684i	-1.5189-2.4872i	4.8213+0.1305i	2.2669+13.0121i	11.3265-2.8269i
76.3	0.2344-0.2069i	-0.0735-0.0304i	0.0565-0.0761i	0.0757-0.0710i	-1.6153-2.5141i	4.6714+0.0644i	2.2588+13.0305i	11.2153-3.2171i
76.4	0.2190-0.2294i	-0.0735-0.0268i	0.0494-0.0829i	0.0720-0.0774i	-1.6041-2.5521i	4.5460-0.0138i	2.9221+12.2843i	11.4023-3.5396i
76.5	0.2147-0.2333i	-0.0764-0.0231i	0.0493-0.0866i	0.0672-0.0804i	-1.5425-2.5261i	4.5572-0.1263i	2.6760+12.4831i	11.7043-4.2888i
76.6	0.2105-0.2372i	-0.0756-0.0248i	0.0461-0.0862i	0.0672-0.0817i	-1.5324-2.5446i	4.4693-0.2617i	2.7534+12.7995i	11.8041-4.9734i
76.7	0.1952-0.2524i	-0.0763-0.0215i	0.0409-0.0912i	0.0603-0.0917i	-1.7908-2.5025i	4.4086-0.3662i	3.3008+12.4259i	11.8245-5.6266i
76.8	0.1781-0.2562i	-0.0760-0.0171i	0.0363-0.0889i	0.0586-0.0870i	-1.7969-2.4905i	4.2643-0.4067i	3.0932+12.0490i	11.7669-6.1787i
76.9	0.1698-0.2765i	-0.0792-0.0159i	0.0310-0.0942i	0.0520-0.0937i	-1.7122-2.4888i	4.1501-0.5008i	3.6139+12.1022i	11.8663-6.7045i
77.0	0.1538-0.2792i	-0.0759-0.0132i	0.0288-0.0949i	0.0521-0.0980i	-1.8206-2.4242i	4.1060-0.4831i	3.8977+12.0560i	11.5678-6.9291i
77.1	0.1523-0.2866i	-0.0749-0.0102i	0.0291-0.0952i	0.0480-0.1004i	-1.6983-2.5477i	3.9312-0.6526i	3.9761+12.2893i	11.6958-7.5349i
77.2	0.1301-0.2879i	-0.0779-0.0109i	0.0199-0.0998i	0.0402-0.1001i	-1.6361-2.4753i	3.9494-0.7533i	4.0870+12.1645i	11.9983-8.5605i
77.3	0.1157-0.2948i	-0.0814-0.0083i	0.0143-0.0980i	0.0374-0.1004i	-1.6660-2.5399i	3.7663-0.7467i	4.4296+11.9050i	11.7068-8.7152i
77.4	0.1042-0.2908i	-0.0783+0.0013i	0.0066-0.0941i	0.0325-0.0985i	-1.7695-2.4665i	3.6081-0.8275i	4.5300+12.1417i	11.3104-9.7426i
77.5	0.0909-0.2906i	-0.0758+0.0005i	0.0059-0.0956i	0.0238-0.1001i	-1.8101-2.4447i	3.4427-1.0179i	4.7755+11.8764i	10.9565-10.6028i
77.6	0.0832-0.3048i	-0.0759-0.0053i	0.0038-0.1002i	0.0253-0.1035i	-1.8033-2.4638i	3.3462-1.0647i	5.3693+11.6870i	10.9279-10.8089i
77.7	0.0746-0.2904i	-0.0761+0.0026i	-0.0028-0.0936i	0.0186-0.0992i	-1.8126-2.5402i	3.1129-0.9365i	5.0772+11.8774i	10.3537-11.6693i
77.8	0.0626-0.2851i	-0.0708+0.0053i	-0.0035-0.0903i	0.0178-0.0969i	-1.8010-2.5089i	3.0725-1.0186i	5.2249+11.7474i	9.8151-12.0267i
77.9	0.0552-0.2831i	-0.0734+0.0018i	-0.0080-0.0913i	0.0122-0.0955i	-1.8770-2.4737i	2.9408-0.9451i	5.3918+11.7692i	9.4563-12.2703i
78.0	0.0369-0.2820i	-0.0740+0.0094i	-0.0146-0.0899i	0.0079-0.0978i	-1.8169-2.3407i	2.6884-1.1154i	5.9346+11.5579i	8.8221-13.1611i
78.1	0.0403-0.2668i	-0.0726+0.0105i	-0.0100-0.0827i	0.0115-0.0871i	-1.6887-2.4370i	2.5400-1.0851i	6.1727+11.3448i	8.0042-13.1571i
78.2	0.0241-0.2590i	-0.0636+0.0048i	-0.0150-0.0847i	0.0031-0.0851i	-1.7058-2.2913i	2.4055-0.9980i	6.1154+11.0663i	7.4030-13.5239i
78.3	0.0077-0.2617i	-0.0767+0.0134i	-0.0242-0.0782i	-0.0046-0.0872i	-1.7556-2.2501i	2.2386-1.0274i	6.4847+11.0937i	6.9805-14.2615i
78.4	0.0106-0.2656i	-0.0722+0.0134i	-0.0254-0.0833i	-0.0033-0.0913i	-1.7857-2.3216i	2.1712-0.9901i	6.9595+10.7957i	6.2666-14.3562i
78.5	0.0084-0.2621i	-0.0717+0.0109i	-0.0211-0.0821i	-0.0016-0.0905i	-1.7184-2.3985i	2.1208-0.9449i	6.7221+10.4877i	6.1435-14.1860i
78.6	0.0099-0.2556i	-0.0687+0.0131i	-0.0217-0.0795i	-0.0051-0.0856i	-1.7247-2.4273i	2.0296-0.8810i	6.7726+10.4375i	5.4126-14.3975i
78.7	0.0019-0.2471i	-0.0720+0.0234i	-0.0217-0.0711i	-0.0098-0.0856i	-1.7389-2.2784i	1.8928-0.8886i	6.8943+10.3572i	4.5729-14.7518i
78.8	-0.0150-0.2384i	-0.0684+0.0277i	-0.0304-0.0651i	-0.0150-0.0824i	-1.7244-2.3332i	1.6968-0.7368i	7.1352+9.7824i	3.4673-14.8443i
78.9	-0.0468-0.2429i	-0.0777+0.0327i	-0.0404-0.0625i	-0.0289-0.0815i	-2.1104-2.4658i	1.4947-0.6491i	7.2712+8.5464i	2.7638-15.1010i
79.0	-0.0529-0.1895i	-0.0619+0.0416i	-0.0332-0.0422i	-0.0293-0.0567i	-2.2315-2.1483i	1.4480-0.5422i	5.4018+9.0395i	1.9458-14.8876i
79.1	-0.0094-0.1976i	-0.0641+0.0345i	-0.0211-0.0461i	-0.0119-0.0641i	-1.8888-2.0046i	1.4231-0.4788i	5.9548+10.2840i	2.0066-14.3283i
79.2	-0.0141-0.2152i	-0.0645+0.0336i	-0.0238-0.0517i	-0.0141-0.0641i	-1.6347-2.0182i	1.4219-0.4700i	6.6229+10.4526i	1.8494-14.4638i
79.3	-0.0234-0.2145i	-0.0613+0.0451i	-0.0264-0.0490i	-0.0196-0.0659i	-1.6442-2.1131i	1.2924-0.4431i	7.1453+10.3730i	0.8869-14.7623i
79.4	-0.0317-0.2057i	-0.0572+0.0478i	-0.0280-0.0458i	-0.0228-0.0596i	-1.7858-2.0956i	1.2577-0.3750i	7.4989+10.2560i	0.2065-14.8134i
79.5	-0.0337-0.2097i	-0.0566+0.0408i	-0.0256-0.0507i	-0.0219-0.0661i	-1.6931-2.0424i	1.2343-0.3341i	7.8704+9.9926i	0.2813-14.1947i
79.6	-0.0448-0.2121i	-0.0586+0.0464i	-0.0312-0.0482i	-0.0244-0.0626i	-1.8198-2.1270i	1.2100-0.3478i	8.1539+9.6303i	-0.2011-14.2027i
79.7	-0.0576-0.1920i	-0.0476+0.0499i	-0.0293-0.0394i	-0.0247-0.0566i	-1.8978-2.1492i	1.0924-0.1774i	8.2525+9.2036i	-1.3352-13.9955i
79.8	-0.0469-0.1911i	-0.0469+0.0503i	-0.0270-0.0420i	-0.0234-0.0553i	-1.7775-2.1961i	1.0410-0.1344i	8.4463+9.0384i	-1.6753-13.4401i
79.9	-0.0442-0.1855i	-0.0459+0.0526i	-0.0224-0.0399i	-0.0251-0.0519i	-1.6855-2.0499i	0.9975-0.0507i	8.6144+8.8740i	-2.0210-13.1033i
80.0	-0.0314-0.1691i	-0.0387+0.0565i	-0.0183-0.0346i	-0.0155-0.0430i	-1.7090-2.2427i	0.9907+0.0645i	8.3919+8.8015i	-2.6173-12.9681i

1.1.5 Run 2 – IP270 – NF and AF gauges

In-plane shaking at 270°. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.6059+0.0000i	0.2484+0.0000i	1.1286+0.0000i	2.2579+0.0000i	0.0078+0.0000i	-0.0136+0.0000i	0.0725+0.0000i	0.0386+0.0000i
0.1	0.5364-0.0129i	0.2342+0.0021i	0.8541-0.0341i	2.1696-0.0195i	0.0078-0.0020i	-0.0129+0.0017i	0.0635+0.0011i	0.0331+0.0018i
0.2	-0.0175-0.0351i	0.0776+0.0158i	-1.3430+0.0010i	1.3767-0.0369i	-0.0042-0.0006i	-0.0012+0.0033i	-0.0089+0.0021i	-0.0069+0.0161i
0.3	0.0006-0.0457i	0.0890+0.0212i	-1.2946+0.0010i	1.3652+0.0043i	-0.0063+0.0035i	-0.0004+0.0035i	-0.0070+0.0006i	0.0088+0.0002i
0.4	0.0504+0.0375i	0.1076+0.0147i	-1.2596+0.0359i	1.3105+0.0266i	-0.0006+0.0025i	0.0011+0.0012i	-0.0015+0.0024i	0.0306-0.0238i
0.5	-0.2229-0.0547i	0.0729+0.0117i	-1.8620+0.0165i	1.6456-0.0031i	-0.0099+0.0023i	-0.0081-0.0012i	-0.0329-0.0058i	-0.0122+0.0045i
0.6	-0.1545-0.0292i	0.1138+0.0055i	-1.7764-0.0174i	1.5932+0.0099i	-0.0165-0.0013i	-0.0110-0.0010i	-0.0270-0.0038i	-0.0153+0.0013i
0.7	-0.1282-0.0143i	0.1045+0.0019i	-1.7065-0.0054i	1.5725+0.0207i	-0.0151-0.0002i	-0.0121+0.0008i	-0.0235-0.0025i	-0.0148+0.0020i
0.8	-0.1204-0.0075i	0.1036-0.0082i	-1.6684-0.0024i	1.5508+0.0142i	-0.0146+0.0006i	-0.0119+0.0017i	-0.0257-0.0012i	-0.0142+0.0028i
0.9	-0.1034-0.0064i	0.1070-0.0108i	-1.6318-0.0189i	1.5332+0.0181i	-0.0144-0.0001i	-0.0114+0.0010i	-0.0251+0.0000i	-0.0154+0.0034i
1.0	-0.1279-0.0182i	0.1250-0.0171i	-1.6451-0.0652i	1.5400+0.0385i	-0.0180-0.0007i	-0.0150+0.0012i	-0.0319-0.0007i	-0.0187+0.0037i
1.1	-0.1881+0.0612i	0.1666-0.0761i	-1.6980-0.0272i	1.5753+0.0243i	-0.0256+0.0092i	-0.0216+0.0100i	-0.0479+0.0173i	-0.0199+0.0081i
1.2	-0.1443+0.1542i	0.1345-0.1658i	-1.6909-0.0175i	1.5803+0.0210i	-0.0205+0.0224i	-0.0162+0.0227i	-0.0386+0.0450i	-0.0145+0.0145i
1.3	0.0572+0.1159i	-0.0660-0.1288i	-1.7229-0.0000i	1.6157+0.0098i	0.0085+0.0181i	0.0124+0.0183i	0.0235+0.0390i	-0.0015+0.0079i
1.4	0.0800-0.0061i	-0.0905-0.0059i	-1.7391+0.0180i	1.6321-0.0078i	0.0125+0.0005i	0.0163+0.0007i	0.0339+0.0025i	-0.0019-0.0016i
1.5	-0.0346-0.0520i	0.0264+0.0433i	-1.7809+0.0551i	1.6681-0.0417i	-0.0049-0.0084i	-0.0003-0.0086i	-0.0000-0.0154i	-0.0131-0.0075i
1.6	-0.0745-0.0307i	0.0705+0.0243i	-1.8069+0.1075i	1.6911-0.0871i	-0.0124-0.0060i	-0.0078-0.0069i	-0.0131-0.0113i	-0.0198-0.0066i
1.7	-0.0690-0.0096i	0.0687+0.0002i	-1.8000+0.1769i	1.6856-0.1475i	-0.0129-0.0016i	-0.0083-0.0032i	-0.0130-0.0055i	-0.0221-0.0017i
1.8	-0.0610-0.0117i	0.0616-0.0047i	-1.7470+0.2925i	1.6418-0.2512i	-0.0124-0.0001i	-0.0083-0.0026i	-0.0128-0.0072i	-0.0224+0.0025i
1.9	-0.0694-0.0120i	0.0616-0.0056i	-1.6058+0.3459i	1.5211-0.3010i	-0.0135+0.0008i	-0.0105-0.0019i	-0.0179-0.0083i	-0.0231+0.0056i
2.0	-0.0793-0.0023i	0.0680-0.0102i	-1.4494+0.2210i	1.3823-0.1930i	-0.0147+0.0023i	-0.0132+0.0008i	-0.0250-0.0026i	-0.0225+0.0072i
2.1	-0.0868+0.0033i	0.0740-0.0130i	-1.4309+0.1577i	1.3662-0.1358i	-0.0179+0.0037i	-0.0166+0.0024i	-0.0304+0.0012i	-0.0270+0.0079i
2.2	-0.1083+0.0283i	0.0926-0.0340i	-1.4306+0.1098i	1.3662-0.0937i	-0.0268+0.0137i	-0.0256+0.0129i	-0.0436+0.0177i	-0.0405+0.0238i
2.3	-0.0619+0.0853i	0.0516-0.0851i	-1.4502+0.0913i	1.3839-0.0771i	-0.0068+0.0387i	-0.0054+0.0380i	-0.0136+0.0542i	-0.0085+0.0639i
2.4	-0.0093+0.0358i	0.0044-0.0388i	-1.4651+0.0722i	1.3976-0.0595i	0.0163+0.0172i	0.0178+0.0167i	0.0202+0.0230i	0.0285+0.0290i
2.5	-0.0304+0.0027i	0.0241-0.0082i	-1.4757+0.0573i	1.4076-0.0468i	0.0070+0.0025i	0.0087+0.0021i	0.0066+0.0020i	0.0137+0.0053i
2.6	-0.0416-0.0015i	0.0349-0.0052i	-1.4893+0.0551i	1.4200-0.0450i	0.0019+0.0007i	0.0037+0.0003i	-0.0006-0.0005i	0.0055+0.0027i
2.7	-0.0477-0.0030i	0.0404-0.0041i	-1.5026+0.0537i	1.4324-0.0439i	-0.0006+0.0001i	0.0014-0.0003i	-0.0039-0.0013i	0.0016+0.0017i
2.8	-0.0513-0.0025i	0.0443-0.0034i	-1.5026+0.0460i	1.4332-0.0361i	-0.0019-0.0001i	0.0001-0.0005i	-0.0060-0.0012i	-0.0004+0.0015i
2.9	-0.0524-0.0016i	0.0466-0.0034i	-1.5082+0.0384i	1.4385-0.0303i	-0.0028-0.0002i	-0.0008-0.0005i	-0.0073-0.0010i	-0.0019+0.0013i
3.0	-0.0535-0.0021i	0.0477-0.0032i	-1.5209+0.0396i	1.4502-0.0318i	-0.0033-0.0003i	-0.0011-0.0005i	-0.0077-0.0012i	-0.0026+0.0014i
3.1	-0.0549-0.0027i	0.0488-0.0039i	-1.5247+0.0410i	1.4536-0.0327i	-0.0037-0.0003i	-0.0014-0.0007i	-0.0087-0.0013i	-0.0032+0.0009i
3.2	-0.0561-0.0028i	0.0501-0.0033i	-1.5239+0.0347i	1.4538-0.0268i	-0.0042-0.0002i	-0.0021-0.0006i	-0.0094-0.0012i	-0.0034+0.0005i
3.3	-0.0566-0.0021i	0.0509-0.0036i	-1.5340+0.0295i	1.4623-0.0214i	-0.0046-0.0003i	-0.0024-0.0005i	-0.0097-0.0009i	-0.0043+0.0007i
3.4	-0.0576-0.0027i	0.0512-0.0038i	-1.5384+0.0334i	1.4662-0.0249i	-0.0048-0.0004i	-0.0026-0.0008i	-0.0100-0.0010i	-0.0049+0.0010i
3.5	-0.0578-0.0036i	0.0519-0.0034i	-1.5424+0.0242i	1.4706-0.0171i	-0.0052-0.0003i	-0.0030-0.0006i	-0.0105-0.0008i	-0.0053+0.0006i
3.6	-0.0596-0.0034i	0.0537-0.0029i	-1.5460+0.0175i	1.4747-0.0125i	-0.0056-0.0003i	-0.0032-0.0005i	-0.0111-0.0007i	-0.0059+0.0007i
3.7	-0.0592-0.0039i	0.0541-0.0027i	-1.5491+0.0219i	1.4780-0.0156i	-0.0058-0.0004i	-0.0034-0.0007i	-0.0116-0.0010i	-0.0063+0.0008i
3.8	-0.0586-0.0038i	0.0548-0.0047i	-1.5568+0.0273i	1.4845-0.0204i	-0.0057-0.0005i	-0.0033-0.0008i	-0.0115-0.0011i	-0.0062+0.0004i
3.9	-0.0607-0.0031i	0.0544-0.0054i	-1.5660+0.0280i	1.4928-0.0213i	-0.0056-0.0006i	-0.0035-0.0008i	-0.0112-0.0010i	-0.0061+0.0009i
4.0	-0.0625-0.0037i	0.0560-0.0044i	-1.5716+0.0199i	1.4994-0.0131i	-0.0059-0.0005i	-0.0036-0.0008i	-0.0116-0.0008i	-0.0058+0.0006i
4.1	-0.0629-0.0028i	0.0580-0.0050i	-1.5742+0.0182i	1.5023-0.0120i	-0.0061-0.0005i	-0.0036-0.0007i	-0.0120-0.0006i	-0.0058+0.0001i
4.2	-0.0619-0.0022i	0.0573-0.0037i	-1.5856+0.0169i	1.5114-0.0118i	-0.0059-0.0005i	-0.0034-0.0008i	-0.0115-0.0006i	-0.0064+0.0004i
4.3	-0.0607-0.0013i	0.0551-0.0034i	-1.5948+0.0174i	1.5199-0.0140i	-0.0057-0.0003i	-0.0036-0.0004i	-0.0112-0.0007i	-0.0063+0.0004i
4.4	-0.0632-0.0017i	0.0562-0.0046i	-1.6006+0.0160i	1.5247-0.0125i	-0.0062-0.0002i	-0.0041-0.0007i	-0.0123-0.0008i	-0.0070-0.0004i
4.5	-0.0635-0.0022i	0.0589-0.0047i	-1.6108+0.0132i	1.5350-0.0078i	-0.0065-0.0001i	-0.0044-0.0008i	-0.0127-0.0008i	-0.0073-0.0004i
4.6	-0.0650-0.0014i	0.0590-0.0053i	-1.6166+0.0145i	1.5397-0.0102i	-0.0065-0.0002i	-0.0040-0.0008i	-0.0125-0.0006i	-0.0074+0.0000i
4.7	-0.0689-0.0015i	0.0592-0.0076i	-1.6228+0.0150i	1.5466-0.0089i	-0.0069-0.0001i	-0.0045-0.0008i	-0.0128-0.0003i	-0.0071+0.0004i
4.8	-0.0649-0.0056i	0.0593-0.0057i	-1.6296+0.0109i	1.5515-0.0034i	-0.0069-0.0004i	-0.0045-0.0009i	-0.0129-0.0001i	-0.0074-0.0000i
4.9	-0.0661-0.0007i	0.0612-0.0048i	-1.6391+0.0125i	1.5596-0.0059i	-0.0071-0.0003i	-0.0045-0.0008i	-0.0134-0.0003i	-0.0078-0.0007i
5.0	-0.0655-0.0011i	0.0631-0.0064i	-1.6440+0.0146i	1.5691-0.0093i	-0.0070-0.0005i	-0.0045-0.0009i	-0.0131-0.0001i	-0.0076-0.0008i
5.1	-0.0669-0.0016i	0.0626-0.0075i	-1.6551+0.0165i	1.5788-0.0071i	-0.0070-0.0006i	-0.0046-0.0012i	-0.0127-0.0002i	-0.0083-0.0005i
5.2	-0.0692-0.0011i	0.0618-0.0073i	-1.6639+0.0166i	1.5863-0.0072i	-0.0070-0.0007i	-0.0045-0.0013i	-0.0134-0.0008i	-0.0078+0.0002i
5.3	-0.0666-0.0007i	0.0643-0.0081i	-1.6711+0.0187i	1.5930-0.0092i	-0.0073-0.0004i	-0.0045-0.0013i	-0.0134-0.0006i	-0.0074+0.0000i
5.4	-0.0698-0.0022i	0.0648-0.0064i	-1.6847+0.0165i	1.6037-0.0129i	-0.0078-0.0003i	-0.0049-0.0009i	-0.0139-0.0003i	-0.0090+0.0000i
5.5	-0.0719-0.0044i	0.0643-0.0063i	-1.6896+0.0175i	1.6090-0.0149i	-0.0081-0.0006i	-0.0052-0.0008i	-0.0143-0.0006i	-0.0089+0.0003i
5.6	-0.0723-0.0037i	0.0651-0.0050i	-1.6958+0.0209i	1.6146-0.0183i	-0.0085-0.0007i	-0.0055-0.0011i	-0.0149-0.0008i	-0.0091-0.0002i

5.7	-0.0736-0.0004i	0.0663-0.0043i	-1.7068+0.0225i	1.6252-0.0187i	-0.0081-0.0002i	-0.0052-0.0009i	-0.0147-0.0004i	-0.0100-0.0002i
5.8	-0.0749-0.0014i	0.0670-0.0055i	-1.7117+0.0207i	1.6300-0.0171i	-0.0083-0.0005i	-0.0055-0.0010i	-0.0149-0.0005i	-0.0106-0.0006i
5.9	-0.0760-0.0005i	0.0672-0.0079i	-1.7212+0.0236i	1.6352-0.0201i	-0.0090-0.0005i	-0.0057-0.0012i	-0.0153-0.0003i	-0.0103+0.0002i
6.0	-0.0757-0.0040i	0.0658-0.0077i	-1.7225+0.0249i	1.6358-0.0221i	-0.0089-0.0002i	-0.0057-0.0007i	-0.0151+0.0004i	-0.0095+0.0012i
6.1	-0.0785-0.0023i	0.0704-0.0092i	-1.7330+0.0250i	1.6466-0.0201i	-0.0096-0.0000i	-0.0067-0.0003i	-0.0161+0.0003i	-0.0105+0.0018i
6.2	-0.0792-0.0006i	0.0729-0.0084i	-1.7429+0.0202i	1.6549-0.0171i	-0.0094+0.0002i	-0.0064-0.0004i	-0.0164+0.0004i	-0.0114+0.0011i
6.3	-0.0815-0.0024i	0.0757-0.0045i	-1.7584+0.0186i	1.6676-0.0138i	-0.0097-0.0000i	-0.0064-0.0004i	-0.0168+0.0006i	-0.0122-0.0001i
6.4	-0.0850-0.0022i	0.0744-0.0080i	-1.7657+0.0203i	1.6737-0.0153i	-0.0104+0.0004i	-0.0065-0.0001i	-0.0174+0.0007i	-0.0115+0.0023i
6.5	-0.0878+0.0021i	0.0751-0.0081i	-1.7776+0.0221i	1.6861-0.0153i	-0.0105+0.0009i	-0.0068+0.0001i	-0.0172+0.0012i	-0.0109+0.0026i
6.6	-0.0895+0.0030i	0.0757-0.0085i	-1.7866+0.0204i	1.6931-0.0134i	-0.0105+0.0008i	-0.0073+0.0000i	-0.0175+0.0011i	-0.0110+0.0013i
6.7	-0.0917+0.0025i	0.0778-0.0100i	-1.7981+0.0230i	1.7026-0.0165i	-0.0110+0.0004i	-0.0077-0.0004i	-0.0186+0.0010i	-0.0123+0.0020i
6.8	-0.0932+0.0037i	0.0775-0.0109i	-1.8119+0.0166i	1.7135-0.0115i	-0.0112+0.0007i	-0.0078-0.0002i	-0.0184+0.0013i	-0.0124+0.0022i
6.9	-0.0987+0.0083i	0.0786-0.0090i	-1.8294+0.0137i	1.7242-0.0073i	-0.0118+0.0014i	-0.0079+0.0001i	-0.0191+0.0019i	-0.0128+0.0026i
7.0	-0.1115+0.0167i	0.0824-0.0115i	-1.8476+0.0219i	1.7313-0.0041i	-0.0132+0.0024i	-0.0092+0.0020i	-0.0216+0.0040i	-0.0146+0.0046i
7.1	-0.1127+0.0373i	0.0832-0.0160i	-1.8585+0.0370i	1.7386+0.0019i	-0.0133+0.0049i	-0.0094+0.0043i	-0.0216+0.0072i	-0.0144+0.0081i
7.2	-0.0810+0.0622i	0.0787-0.0203i	-1.8558+0.0508i	1.7648+0.0186i	-0.0099+0.0073i	-0.0062+0.0068i	-0.0167+0.0108i	-0.0099+0.0120i
7.3	-0.0588+0.0551i	0.0745-0.0196i	-1.8543+0.0466i	1.7891+0.0128i	-0.0073+0.0061i	-0.0039+0.0054i	-0.0138+0.0093i	-0.0068+0.0102i
7.4	-0.0522+0.0358i	0.0762-0.0185i	-1.8678+0.0346i	1.8126+0.0033i	-0.0072+0.0039i	-0.0041+0.0032i	-0.0135+0.0061i	-0.0071+0.0066i
7.5	-0.0539+0.0203i	0.0781-0.0140i	-1.8828+0.0286i	1.8239-0.0052i	-0.0078+0.0024i	-0.0040+0.0016i	-0.0138+0.0038i	-0.0073+0.0043i
7.6	-0.0590+0.0084i	0.0799-0.0131i	-1.8965+0.0284i	1.8361-0.0158i	-0.0083+0.0011i	-0.0039+0.0005i	-0.0146+0.0022i	-0.0080+0.0029i
7.7	-0.0667+0.0089i	0.0846-0.0129i	-1.9181+0.0306i	1.8516-0.0177i	-0.0086+0.0008i	-0.0051-0.0002i	-0.0161+0.0012i	-0.0088+0.0025i
7.8	-0.0735+0.0065i	0.0854-0.0110i	-1.9357+0.0250i	1.8636-0.0156i	-0.0096+0.0008i	-0.0058-0.0001i	-0.0170+0.0014i	-0.0100+0.0018i
7.9	-0.0764+0.0088i	0.0870-0.0130i	-1.9496+0.0222i	1.8764-0.0169i	-0.0103+0.0016i	-0.0062+0.0004i	-0.0176+0.0023i	-0.0105+0.0023i
8.0	-0.0767+0.0094i	0.0896-0.0156i	-1.9658+0.0280i	1.8892-0.0204i	-0.0102+0.0017i	-0.0062+0.0009i	-0.0182+0.0033i	-0.0093+0.0027i
8.1	-0.0817+0.0107i	0.0922-0.0171i	-1.9775+0.0329i	1.9016-0.0208i	-0.0108+0.0019i	-0.0066+0.0006i	-0.0184+0.0033i	-0.0095+0.0023i
8.2	-0.0790+0.0179i	0.0921-0.0201i	-1.9964+0.0335i	1.9194-0.0207i	-0.0107+0.0022i	-0.0063+0.0011i	-0.0184+0.0033i	-0.0095+0.0040i
8.3	-0.0843+0.0192i	0.0932-0.0216i	-2.0126+0.0344i	1.9354-0.0261i	-0.0114+0.0026i	-0.0071+0.0018i	-0.0193+0.0044i	-0.0106+0.0053i
8.4	-0.0894+0.0160i	0.0948-0.0205i	-2.0310+0.0310i	1.9533-0.0265i	-0.0117+0.0025i	-0.0077+0.0012i	-0.0203+0.0044i	-0.0113+0.0043i
8.5	-0.0877+0.0171i	0.0988-0.0260i	-2.0479+0.0374i	1.9732-0.0312i	-0.0110+0.0031i	-0.0076+0.0019i	-0.0199+0.0055i	-0.0115+0.0040i
8.6	-0.0907+0.0171i	0.0993-0.0306i	-2.0719+0.0354i	1.9932-0.0279i	-0.0118+0.0039i	-0.0080+0.0026i	-0.0211+0.0062i	-0.0125+0.0045i
8.7	-0.0907+0.0190i	0.0992-0.0303i	-2.0892+0.0339i	2.0100-0.0304i	-0.0126+0.0042i	-0.0077+0.0028i	-0.0213+0.0062i	-0.0128+0.0056i
8.8	-0.0918+0.0220i	0.1062-0.0334i	-2.1068+0.0412i	2.0308-0.0398i	-0.0129+0.0047i	-0.0084+0.0034i	-0.0222+0.0072i	-0.0135+0.0072i
8.9	-0.0958+0.0228i	0.1114-0.0360i	-2.1319+0.0457i	2.0564-0.0413i	-0.0131+0.0049i	-0.0095+0.0039i	-0.0230+0.0079i	-0.0141+0.0079i
9.0	-0.0938+0.0235i	0.1085-0.0431i	-2.1481+0.0546i	2.0683-0.0485i	-0.0129+0.0060i	-0.0089+0.0046i	-0.0227+0.0087i	-0.0137+0.0087i
9.1	-0.0895+0.0320i	0.1097-0.0538i	-2.1633+0.0567i	2.0849-0.0597i	-0.0122+0.0083i	-0.0082+0.0059i	-0.0227+0.0114i	-0.0119+0.0109i
9.2	-0.0919+0.0365i	0.1078-0.0615i	-2.1837+0.0517i	2.1053-0.0600i	-0.0124+0.0090i	-0.0082+0.0066i	-0.0235+0.0135i	-0.0114+0.0128i
9.3	-0.0868+0.0477i	0.0936-0.0789i	-2.2110+0.0442i	2.1266-0.0618i	-0.0103+0.0115i	-0.0059+0.0097i	-0.0201+0.0180i	-0.0063+0.0176i
9.4	-0.0679+0.0499i	0.0700-0.0830i	-2.2432+0.0426i	2.1439-0.0600i	-0.0058+0.0119i	-0.0015+0.0101i	-0.0144+0.0192i	0.0013+0.0163i
9.5	-0.0644+0.0395i	0.0620-0.0664i	-2.2733+0.0497i	2.1626-0.0631i	-0.0043+0.0098i	0.0000+0.0081i	-0.0124+0.0162i	0.0027+0.0124i
9.6	-0.0660+0.0282i	0.0624-0.0516i	-2.3030+0.0550i	2.1917-0.0629i	-0.0045+0.0070i	0.0003+0.0058i	-0.0124+0.0129i	0.0025+0.0082i
9.7	-0.0617+0.0209i	0.0563-0.0462i	-2.3354+0.0630i	2.2140-0.0651i	-0.0039+0.0057i	0.0013+0.0044i	-0.0104+0.0115i	0.0038+0.0058i
9.8	-0.0617+0.0187i	0.0590-0.0380i	-2.3649+0.0744i	2.2453-0.0691i	-0.0040+0.0047i	0.0006+0.0030i	-0.0107+0.0109i	0.0027+0.0054i
9.9	-0.0730+0.0201i	0.0687-0.0350i	-2.3917+0.0769i	2.2760-0.0738i	-0.0057+0.0048i	-0.0009+0.0025i	-0.0136+0.0107i	0.0003+0.0047i
10.0	-0.0765+0.0198i	0.0716-0.0335i	-2.4216+0.0845i	2.3044-0.0821i	-0.0055+0.0036i	-0.0007+0.0013i	-0.0131+0.0101i	0.0006+0.0039i
10.1	-0.0761+0.0148i	0.0754-0.0343i	-2.4499+0.0942i	2.3354-0.0955i	-0.0060+0.0037i	-0.0002+0.0018i	-0.0124+0.0102i	0.0007+0.0024i
10.2	-0.0786+0.0156i	0.0736-0.0350i	-2.4767+0.1081i	2.3543-0.1107i	-0.0063+0.0039i	-0.0003+0.0018i	-0.0123+0.0104i	-0.0013+0.0013i
10.3	-0.0827+0.0171i	0.0819-0.0344i	-2.5071+0.1174i	2.3869-0.1083i	-0.0062+0.0033i	-0.0011+0.0015i	-0.0132+0.0094i	-0.0012+0.0005i
10.4	-0.0836+0.0178i	0.0824-0.0358i	-2.5351+0.1257i	2.4185-0.1162i	-0.0067+0.0036i	-0.0009+0.0011i	-0.0134+0.0096i	0.0000+0.0007i
10.5	-0.0821+0.0172i	0.0875-0.0359i	-2.5702+0.1354i	2.4474-0.1294i	-0.0070+0.0031i	-0.0010-0.0004i	-0.0129+0.0087i	0.0011-0.0005i
10.6	-0.0851+0.0172i	0.0930-0.0363i	-2.6077+0.1469i	2.4851-0.1382i	-0.0072+0.0018i	-0.0014-0.0012i	-0.0141+0.0069i	0.0001-0.0014i
10.7	-0.0863+0.0151i	0.0936-0.0374i	-2.6346+0.1559i	2.5123-0.1449i	-0.0072+0.0013i	-0.0012-0.0011i	-0.0140+0.0075i	-0.0004-0.0034i
10.8	-0.0870+0.0158i	0.0977-0.0380i	-2.6578+0.1793i	2.5415-0.1637i	-0.0077+0.0018i	-0.0022-0.0012i	-0.0140+0.0077i	-0.0020-0.0044i
10.9	-0.0869+0.0180i	0.0989-0.0357i	-2.6795+0.1837i	2.5604-0.1653i	-0.0078+0.0010i	-0.0028-0.0016i	-0.0141+0.0047i	-0.0033-0.0027i
11.0	-0.0892+0.0157i	0.0983-0.0318i	-2.7045+0.1829i	2.5834-0.1672i	-0.0087-0.0000i	-0.0033-0.0023i	-0.0166+0.0043i	-0.0038-0.0043i
11.1	-0.0953+0.0100i	0.1037-0.0310i	-2.7411+0.1870i	2.6179-0.1702i	-0.0093-0.0004i	-0.0040-0.0034i	-0.0192+0.0057i	-0.0020-0.0055i
11.2	-0.1022+0.0076i	0.1129-0.0372i	-2.7769+0.1842i	2.6519-0.1624i	-0.0104+0.0002i	-0.0053-0.0029i	-0.0203+0.0046i	-0.0047-0.0059i
11.3	-0.1002+0.0121i	0.1116-0.0404i	-2.8211+0.1828i	2.7012-0.1642i	-0.0112+0.0004i	-0.0058-0.0028i	-0.0193+0.0065i	-0.0086-0.0058i
11.4	-0.1077+0.0133i	0.1146-0.0354i	-2.8598+0.1744i	2.7354-0.1603i	-0.0117+0.0006i	-0.0056-0.0032i	-0.0206+0.0060i	-0.0085-0.0047i
11.5	-0.1104+0.0118i	0.1146-0.0322i	-2.9103+0.1788i	2.7770-0.1631i	-0.0122+0.0005i	-0.0064-0.0030i	-0.0212+0.0059i	-0.0076-0.0063i
11.6	-0.1098+0.0106i	0.1119-0.0343i	-2.9533+0.1840i	2.8279-0.1691i	-0.0127+0.0003i	-0.0067-0.0023i	-0.0211+0.0061i	-0.0077-0.0060i
11.7	-0.1109+0.0085i	0.1246-0.0361i	-3.0170+0.1848i	2.8905-0.1726i	-0.0128-0.0002i	-0.0070-0.0025i	-0.0233+0.0066i	-0.0063-0.0047i
11.8	-0.1159+0.0043i	0.1256-0.0332i	-3.0861+0.1717i	2.9554-0.1604i	-0.0132-0.0011i	-0.0077-0.0034i	-0.0248+0.0071i	-0.0083-0.0053i
11.9	-0.1234+0.0057i	0.1306-0.0340i	-3.1455+0.1639i	3.0130-0.1490i	-0.0142-0.0009i	-0.0080-0.0032i	-0.0253+0.0077i	-0.0083-0.0064i

12.0	-0.1348+0.0062i	0.1441-0.0348i	-3.2133+0.1744i	3.0748-0.1544i	-0.0157-0.0007i	-0.0090-0.0028i	-0.0283+0.0081i	-0.0085-0.0086i
12.1	-0.1429+0.0056i	0.1520-0.0393i	-3.3076+0.1843i	3.1617-0.1651i	-0.0167+0.0002i	-0.0101-0.0027i	-0.0311+0.0094i	-0.0087-0.0099i
12.2	-0.1437+0.0110i	0.1587-0.0440i	-3.4061+0.2122i	3.2603-0.1974i	-0.0181+0.0012i	-0.0100-0.0030i	-0.0321+0.0113i	-0.0105-0.0109i
12.3	-0.1488+0.0074i	0.1631-0.0448i	-3.4799+0.2304i	3.3289-0.2152i	-0.0192+0.0010i	-0.0110-0.0029i	-0.0324+0.0140i	-0.0126-0.0111i
12.4	-0.1531+0.0065i	0.1683-0.0460i	-3.5743+0.2468i	3.4167-0.2305i	-0.0200+0.0010i	-0.0109-0.0029i	-0.0336+0.0163i	-0.0131-0.0126i
12.5	-0.1564+0.0088i	0.1737-0.0517i	-3.6628+0.2750i	3.5095-0.2587i	-0.0210+0.0011i	-0.0114-0.0029i	-0.0352+0.0172i	-0.0122-0.0149i
12.6	-0.1686+0.0172i	0.1864-0.0622i	-3.7735+0.3080i	3.6143-0.2909i	-0.0216+0.0025i	-0.0127-0.0021i	-0.0365+0.0208i	-0.0146-0.0171i
12.7	-0.1706+0.0240i	0.1884-0.0674i	-3.8714+0.3614i	3.7045-0.3429i	-0.0225+0.0034i	-0.0129-0.0017i	-0.0363+0.0259i	-0.0173-0.0194i
12.8	-0.1711+0.0249i	0.1907-0.0743i	-3.9526+0.4299i	3.7830-0.4110i	-0.0224+0.0033i	-0.0133-0.0010i	-0.0338+0.0303i	-0.0193-0.0212i
12.9	-0.1832+0.0276i	0.1954-0.0861i	-4.0313+0.4912i	3.8527-0.4676i	-0.0226+0.0042i	-0.0147-0.0009i	-0.0303+0.0341i	-0.0245-0.0234i
13.0	-0.1887+0.0260i	0.1985-0.0799i	-4.1133+0.5304i	3.9305-0.5012i	-0.0235+0.0037i	-0.0157-0.0023i	-0.0253+0.0358i	-0.0320-0.0279i
13.1	-0.1922+0.0171i	0.1997-0.0754i	-4.1739+0.5508i	3.9950-0.5181i	-0.0242+0.0026i	-0.0159-0.0030i	-0.0198+0.0330i	-0.0385-0.0258i
13.2	-0.2077+0.0110i	0.2210-0.0704i	-4.2764+0.5687i	4.0979-0.5317i	-0.0268+0.0028i	-0.0180-0.0035i	-0.0170+0.0284i	-0.0457-0.0227i
13.3	-0.2203+0.0172i	0.2380-0.0715i	-4.4077+0.5921i	4.2267-0.5577i	-0.0292+0.0032i	-0.0198-0.0031i	-0.0178+0.0260i	-0.0518-0.0190i
13.4	-0.2279+0.0250i	0.2557-0.0751i	-4.5496+0.6328i	4.3666-0.6022i	-0.0313+0.0038i	-0.0218-0.0027i	-0.0214+0.0236i	-0.0553-0.0144i
13.5	-0.2405+0.0278i	0.2694-0.0807i	-4.6884+0.6485i	4.5117-0.6173i	-0.0336+0.0045i	-0.0234-0.0021i	-0.0231+0.0211i	-0.0577-0.0092i
13.6	-0.2580+0.0306i	0.2917-0.0919i	-4.8561+0.6839i	4.6813-0.6526i	-0.0362+0.0059i	-0.0248-0.0005i	-0.0248+0.0194i	-0.0603-0.0039i
13.7	-0.2802+0.0317i	0.3257-0.1056i	-5.0739+0.7650i	4.8941-0.7408i	-0.0395+0.0065i	-0.0276+0.0003i	-0.0306+0.0178i	-0.0627+0.0012i
13.8	-0.3048+0.0409i	0.3467-0.1189i	-5.2688+0.7907i	5.0890-0.7776i	-0.0425+0.0084i	-0.0311+0.0020i	-0.0361+0.0172i	-0.0651+0.0082i
13.9	-0.3353+0.0639i	0.3723-0.1507i	-5.4728+0.8664i	5.2815-0.8547i	-0.0448+0.0134i	-0.0330+0.0058i	-0.0411+0.0221i	-0.0653+0.0142i
14.0	-0.3625+0.0924i	0.4084-0.1933i	-5.7253+1.0019i	5.5199-1.0128i	-0.0486+0.0187i	-0.0351+0.0100i	-0.0447+0.0306i	-0.0696+0.0197i
14.1	-0.3739+0.1163i	0.4108-0.2405i	-5.9427+1.1382i	5.7261-1.1627i	-0.0499+0.0235i	-0.0355+0.0135i	-0.0448+0.0365i	-0.0728+0.0272i
14.2	-0.3933+0.1360i	0.4198-0.2926i	-6.2572+1.2931i	6.0276-1.3272i	-0.0510+0.0284i	-0.0354+0.0183i	-0.0453+0.0422i	-0.0740+0.0345i
14.3	-0.4053+0.1651i	0.4238-0.3327i	-6.5522+1.4838i	6.2895-1.5242i	-0.0513+0.0322i	-0.0357+0.0214i	-0.0448+0.0469i	-0.0731+0.0394i
14.4	-0.4153+0.1968i	0.4233-0.3778i	-6.8575+1.7106i	6.5640-1.7582i	-0.0510+0.0371i	-0.0347+0.0246i	-0.0444+0.0519i	-0.0698+0.0472i
14.5	-0.4371+0.2249i	0.4297-0.4367i	-7.1527+1.9888i	6.8323-2.0389i	-0.0516+0.0425i	-0.0349+0.0290i	-0.0459+0.0586i	-0.0729+0.0549i
14.6	-0.4610+0.2781i	0.4414-0.5166i	-7.5613+2.3917i	7.1984-2.4691i	-0.0538+0.0522i	-0.0363+0.0368i	-0.0506+0.0699i	-0.0715+0.0689i
14.7	-0.4625+0.3312i	0.4027-0.6184i	-7.8077+2.8190i	7.3984-2.9160i	-0.0499+0.0637i	-0.0326+0.0455i	-0.0442+0.0823i	-0.0626+0.0818i
14.8	-0.4134+0.3748i	0.2591-0.6732i	-7.9029+3.2633i	7.3853-3.3479i	-0.0334+0.0695i	-0.0172+0.0484i	-0.0265+0.0908i	-0.0364+0.0841i
14.9	-0.3935+0.3709i	0.1617-0.6347i	-7.9916+3.4063i	7.3774-3.4503i	-0.0243+0.0635i	-0.0077+0.0440i	-0.0136+0.0915i	-0.0234+0.0685i
15.0	-0.4129+0.3298i	0.1365-0.5331i	-8.3643+3.3607i	7.6797-3.3442i	-0.0227+0.0532i	-0.0043+0.0325i	0.0076+0.0738i	-0.0400+0.0563i
15.1	-0.4716+0.3114i	0.1721-0.4716i	-9.2719+3.3803i	8.5046-3.2846i	-0.0277+0.0452i	-0.0063+0.0223i	0.0025+0.0400i	-0.0428+0.0665i
15.2	-0.5788+0.3471i	0.2799-0.4484i	-10.4108+3.9696i	9.5922-3.7768i	-0.0399+0.0411i	-0.0183+0.0161i	-0.0235+0.0358i	-0.0463+0.0570i
15.3	-0.6840+0.3922i	0.3992-0.4582i	-11.5382+4.8171i	10.6954-4.5117i	-0.0542+0.0425i	-0.0307+0.0121i	-0.0454+0.0370i	-0.0653+0.0550i
15.4	-0.8701+0.5196i	0.5987-0.5582i	-13.4310+6.5865i	12.5285-6.1200i	-0.0829+0.0533i	-0.0570+0.0166i	-0.0789+0.0489i	-0.0986+0.0711i
15.5	-1.0131+0.7232i	0.7561-0.7308i	-14.7282+8.6493i	13.7716-8.0542i	-0.1021+0.0754i	-0.0786+0.0316i	-0.1050+0.0756i	-0.1162+0.1000i
15.6	-1.1289+1.0800i	0.8693-1.0814i	-15.8877+12.1145i	14.9017-11.3028i	-0.1187+0.1176i	-0.0952+0.0643i	-0.1276+0.1236i	-0.1343+0.1555i
15.7	-1.0211+1.6896i	0.7672-1.6536i	-14.8798+18.3925i	14.0292-17.1987i	-0.1070+0.1905i	-0.0961+0.1192i	-0.1169+0.2056i	-0.1153+0.2383i
15.8	-0.4896+2.1841i	0.2573-2.1214i	-9.8441+23.1760i	9.3218-21.7253i	-0.0446+0.2522i	-0.0532+0.1755i	-0.0467+0.2797i	-0.0335+0.3104i
15.9	0.3861+2.2892i	-0.5829-2.1803i	-1.4377+24.7444i	1.4550-23.2823i	0.0593+0.2619i	0.0285+0.1925i	0.0755+0.2933i	0.0996+0.3084i
16.0	0.9926+1.9788i	-1.1551-1.8651i	4.6188+22.3458i	-4.2385-21.0713i	0.1316+0.2213i	0.0881+0.1643i	0.1603+0.2440i	0.1856+0.2467i
16.1	1.2173+1.5158i	-1.3440-1.4157i	7.3165+17.8665i	-6.8097-16.8666i	0.1524+0.1632i	0.1070+0.1215i	0.1795+0.1786i	0.2035+0.1691i
16.2	1.1934+1.1967i	-1.3180-1.1136i	8.2595+14.2580i	-7.7259-13.4842i	0.1442+0.1252i	0.0991+0.0949i	0.1669+0.1366i	0.1841+0.1217i
16.3	1.0751+1.0947i	-1.1945-1.0201i	7.8147+12.0275i	-7.3211-11.3933i	0.1258+0.1176i	0.0853+0.0915i	0.1443+0.1301i	0.1538+0.1142i
16.4	1.0414+1.1445i	-1.1494-1.0886i	6.9686+10.3435i	-6.5236-9.8254i	0.1188+0.1285i	0.0839+0.1083i	0.1378+0.1465i	0.1422+0.1314i
16.5	1.1750+1.2994i	-1.2956-1.2394i	6.3510+9.6463i	-5.9534-9.1812i	0.1375+0.1503i	0.1042+0.1330i	0.1609+0.1756i	0.1656+0.1641i
16.6	1.6163+1.4473i	-1.7709-1.3943i	6.1216+9.1057i	-5.7904-8.6821i	0.1965+0.1745i	0.1644+0.1559i	0.2369+0.2042i	0.2431+0.1943i
16.7	2.1076+1.1865i	-2.2693-1.1020i	6.2583+9.0434i	-5.9560-8.5739i	0.2602+0.1385i	0.2270+0.1195i	0.3136+0.1596i	0.3224+0.1463i
16.8	2.6192+0.6620i	-2.7548-0.5196i	7.0159+8.5899i	-6.6755-8.1074i	0.3215+0.0675i	0.2850+0.0515i	0.3859+0.0731i	0.3981+0.0538i
16.9	2.6816+0.0346i	-2.7523+0.0903i	7.3522+6.9306i	-6.9303-6.5298i	0.3212-0.0082i	0.2865-0.0176i	0.3866-0.0185i	0.3938-0.0393i
17.0	2.7827-0.4710i	-2.8293+0.5790i	6.8696+6.5088i	-6.4677-6.1364i	0.3317-0.0673i	0.2988-0.0753i	0.3993-0.0914i	0.4076-0.1145i
17.1	2.7038-1.4671i	-2.7583+1.5418i	6.9213+6.2831i	-6.5192-5.9416i	0.3219-0.1855i	0.2898-0.1926i	0.3849-0.2344i	0.3932-0.2660i
17.2	1.6167-2.4881i	-1.7039+2.5752i	7.4887+5.3427i	-7.0938-5.0229i	0.1914-0.3094i	0.1589-0.3135i	0.2235-0.3841i	0.2191-0.4251i
17.3	0.3643-2.2807i	-0.4336+2.3980i	7.3230+4.1537i	-6.9137-3.8682i	0.0369-0.2849i	0.0040-0.2847i	0.0332-0.3514i	0.0151-0.3908i
17.4	0.0687-1.6619i	-0.1170+1.7720i	6.6560+3.5333i	-6.2450-3.2936i	0.0002-0.2061i	-0.0299-0.2044i	-0.0117-0.2527i	-0.0316-0.2825i
17.5	-0.0740-1.3737i	0.0342+1.4726i	6.1092+3.1302i	-5.7250-2.9333i	-0.0150-0.1677i	-0.0421-0.1656i	-0.0292-0.2041i	-0.0486-0.2299i
17.6	-0.2367-1.1605i	0.1980+1.2548i	5.7110+2.8883i	-5.3510-2.7143i	-0.0328-0.1410i	-0.0583-0.1388i	-0.0496-0.1711i	-0.0692-0.1943i
17.7	-0.2958-0.8741i	0.2578+0.9752i	5.3055+2.7271i	-4.9664-2.5538i	-0.0382-0.1085i	-0.0632-0.1060i	-0.0558-0.1307i	-0.0760-0.1511i
17.8	-0.2585-0.7166i	0.2267+0.8267i	5.0376+2.6925i	-4.7060-2.5208i	-0.0337-0.0907i	-0.0575-0.0879i	-0.0502-0.1081i	-0.0698-0.1284i
17.9	-0.2372-0.6066i	0.2217+0.7159i	4.8763+2.6954i	-4.5384-2.5288i	-0.0327-0.0787i	-0.0547-0.0739i	-0.0479-0.0912i	-0.0665-0.1114i
18.0	-0.2263-0.5070i	0.2347+0.6081i	4.8942+2.5847i	-4.5371-2.4307i	-0.0338-0.0670i	-0.0546-0.0625i	-0.0487-0.0757i	-0.0684-0.0952i
18.1	-0.1859-0.4289i	0.2081+0.5076i	4.8322+2.3512i	-4.4701-2.2359i	-0.0305-0.0552i	-0.0505-0.0501i	-0.0440-0.0604i	-0.0652-0.0807i
18.2	-0.1431-0.3860i	0.1787+0.4440i	4.8018+2.0971i	-4.4335-2.0140i	-0.0274-0.0476i	-0.0466-0.0419i	-0.0406-0.0502i	-0.0595-0.0718i

18.3	-0.1231-0.3636i	0.1586+0.3962i	4.7088+1.8477i	-4.3560-1.8029i	-0.0250-0.0417i	-0.0434-0.0362i	-0.0365-0.0419i	-0.0571-0.0627i
18.4	-0.1349-0.3597i	0.1432+0.3748i	4.4758+1.6502i	-4.1622-1.6325i	-0.0241-0.0390i	-0.0411-0.0330i	-0.0324-0.0367i	-0.0566-0.0554i
18.5	-0.1504-0.3709i	0.1279+0.3774i	4.2056+1.4937i	-3.9420-1.4998i	-0.0212-0.0376i	-0.0377-0.0321i	-0.0280-0.0350i	-0.0536-0.0531i
18.6	-0.2248-0.3706i	0.1698+0.3966i	4.0292+1.4437i	-3.8111-1.4435i	-0.0247-0.0379i	-0.0409-0.0324i	-0.0305-0.0353i	-0.0565-0.0542i
18.7	-0.2655-0.2661i	0.2240+0.3349i	3.9741+1.4347i	-3.7572-1.3816i	-0.0292-0.0319i	-0.0444-0.0257i	-0.0339-0.0276i	-0.0608-0.0476i
18.8	-0.2342-0.1998i	0.2141+0.2677i	3.9454+1.3223i	-3.7168-1.2665i	-0.0275-0.0255i	-0.0415-0.0192i	-0.0312-0.0197i	-0.0581-0.0404i
18.9	-0.2138-0.1582i	0.2030+0.2219i	3.8761+1.1905i	-3.6423-1.1460i	-0.0265-0.0202i	-0.0395-0.0144i	-0.0285-0.0145i	-0.0573-0.0333i
19.0	-0.2001-0.1394i	0.1962+0.2009i	3.8026+1.0478i	-3.5662-1.0152i	-0.0258-0.0180i	-0.0380-0.0122i	-0.0258-0.0119i	-0.0579-0.0297i
19.1	-0.1773-0.1094i	0.1841+0.1666i	3.6639+0.8892i	-3.4352-0.8594i	-0.0234-0.0140i	-0.0354-0.0084i	-0.0221-0.0073i	-0.0546-0.0246i
19.2	-0.1550-0.0908i	0.1676+0.1413i	3.5310+0.7785i	-3.3041-0.7605i	-0.0214-0.0117i	-0.0329-0.0062i	-0.0188-0.0056i	-0.0514-0.0199i
19.3	-0.1341-0.0771i	0.1488+0.1242i	3.3876+0.6749i	-3.1606-0.6707i	-0.0190-0.0101i	-0.0305-0.0042i	-0.0157-0.0033i	-0.0484-0.0178i
19.4	-0.1260-0.0745i	0.1393+0.1113i	3.2417+0.6060i	-3.0128-0.6061i	-0.0179-0.0088i	-0.0284-0.0035i	-0.0140-0.0016i	-0.0476-0.0168i
19.5	-0.1103-0.0767i	0.1219+0.0967i	3.1180+0.5438i	-2.8928-0.5561i	-0.0162-0.0083i	-0.0263-0.0033i	-0.0100-0.0014i	-0.0456-0.0160i
19.6	-0.0957-0.0918i	0.1066+0.0969i	3.0071+0.5004i	-2.7933-0.5322i	-0.0145-0.0081i	-0.0239-0.0035i	-0.0063-0.0016i	-0.0453-0.0157i
19.7	-0.0905-0.0883i	0.1036+0.0927i	2.8990+0.4589i	-2.6951-0.4993i	-0.0130-0.0077i	-0.0225-0.0037i	-0.0039-0.0017i	-0.0460-0.0160i
19.8	-0.0998-0.0915i	0.1006+0.0863i	2.8088+0.4265i	-2.6239-0.4773i	-0.0136-0.0073i	-0.0227-0.0031i	-0.0012-0.0017i	-0.0484-0.0144i
19.9	-0.1086-0.0899i	0.0960+0.0777i	2.7221+0.3955i	-2.5596-0.4527i	-0.0133-0.0063i	-0.0222-0.0021i	0.0008-0.0024i	-0.0495-0.0121i
20.0	-0.1190-0.0750i	0.0878+0.0711i	2.6285+0.3671i	-2.4855-0.4164i	-0.0123-0.0060i	-0.0217-0.0016i	0.0026-0.0031i	-0.0489-0.0093i
20.1	-0.1133-0.0592i	0.0783+0.0674i	2.5501+0.3406i	-2.4125-0.3787i	-0.0120-0.0058i	-0.0216-0.0014i	0.0052-0.0049i	-0.0490-0.0083i
20.2	-0.1091-0.0374i	0.0705+0.0610i	2.4605+0.3022i	-2.3331-0.3275i	-0.0120-0.0050i	-0.0213-0.0008i	0.0065-0.0063i	-0.0490-0.0059i
20.3	-0.0942-0.0299i	0.0699+0.0591i	2.3988+0.2913i	-2.2722-0.3085i	-0.0114-0.0051i	-0.0208-0.0008i	0.0077-0.0087i	-0.0510-0.0040i
20.4	-0.0885-0.0212i	0.0699+0.0558i	2.3210+0.2613i	-2.1948-0.2824i	-0.0111-0.0032i	-0.0198+0.0004i	0.0087-0.0092i	-0.0510+0.0007i
20.5	-0.0776-0.0251i	0.0597+0.0510i	2.2470+0.2309i	-2.1152-0.2679i	-0.0099-0.0024i	-0.0186+0.0014i	0.0105-0.0086i	-0.0503+0.0043i
20.6	-0.0832-0.0190i	0.0542+0.0456i	2.1832+0.2259i	-2.0529-0.2553i	-0.0091-0.0023i	-0.0189+0.0021i	0.0093-0.0106i	-0.0497+0.0080i
20.7	-0.0799-0.0128i	0.0496+0.0447i	2.1134+0.2118i	-1.9928-0.2388i	-0.0084-0.0021i	-0.0186+0.0030i	0.0087-0.0118i	-0.0493+0.0100i
20.8	-0.0744-0.0093i	0.0477+0.0450i	2.0554+0.1956i	-1.9408-0.2141i	-0.0085-0.0019i	-0.0182+0.0033i	0.0090-0.0139i	-0.0492+0.0119i
20.9	-0.0657-0.0110i	0.0479+0.0454i	2.0126+0.1804i	-1.8918-0.1983i	-0.0082-0.0016i	-0.0180+0.0030i	0.0084-0.0163i	-0.0470+0.0142i
21.0	-0.0649-0.0130i	0.0439+0.0475i	1.9616+0.1664i	-1.8449-0.1936i	-0.0083-0.0019i	-0.0173+0.0036i	0.0094-0.0170i	-0.0454+0.0170i
21.1	-0.0616-0.0162i	0.0441+0.0467i	1.9002+0.1557i	-1.7867-0.1894i	-0.0079-0.0018i	-0.0166+0.0037i	0.0087-0.0195i	-0.0446+0.0200i
21.2	-0.0615-0.0160i	0.0463+0.0404i	1.8632+0.1450i	-1.7554-0.1775i	-0.0076-0.0012i	-0.0165+0.0045i	0.0074-0.0206i	-0.0432+0.0235i
21.3	-0.0593-0.0110i	0.0401+0.0369i	1.8111+0.1400i	-1.7124-0.1729i	-0.0073-0.0010i	-0.0157+0.0052i	0.0074-0.0244i	-0.0420+0.0286i
21.4	-0.0605-0.0116i	0.0363+0.0384i	1.7606+0.1272i	-1.6696-0.1608i	-0.0077-0.0008i	-0.0150+0.0053i	0.0048-0.0268i	-0.0387+0.0304i
21.5	-0.0553-0.0105i	0.0320+0.0415i	1.7193+0.1285i	-1.6303-0.1584i	-0.0068-0.0004i	-0.0148+0.0054i	0.0017-0.0296i	-0.0343+0.0344i
21.6	-0.0529-0.0031i	0.0344+0.0451i	1.6732+0.1179i	-1.5904-0.1452i	-0.0059-0.0005i	-0.0145+0.0063i	0.0002-0.0313i	-0.0345+0.0361i
21.7	-0.0517-0.0045i	0.0354+0.0395i	1.6391+0.1044i	-1.5540-0.1330i	-0.0065+0.0002i	-0.0134+0.0067i	-0.0046-0.0281i	-0.0292+0.0354i
21.8	-0.0488-0.0023i	0.0309+0.0352i	1.5972+0.0925i	-1.5141-0.1272i	-0.0060+0.0010i	-0.0133+0.0067i	-0.0094-0.0271i	-0.0208+0.0381i
21.9	-0.0486+0.0006i	0.0331+0.0325i	1.5636+0.0874i	-1.4849-0.1236i	-0.0060+0.0011i	-0.0127+0.0073i	-0.0116-0.0268i	-0.0173+0.0404i
22.0	-0.0550-0.0001i	0.0373+0.0299i	1.5250+0.0825i	-1.4534-0.1179i	-0.0053+0.0020i	-0.0115+0.0083i	-0.0143-0.0247i	-0.0114+0.0403i
22.1	-0.0569+0.0004i	0.0322+0.0253i	1.4921+0.0727i	-1.4226-0.1038i	-0.0053+0.0019i	-0.0105+0.0082i	-0.0167-0.0196i	-0.0067+0.0347i
22.2	-0.0508-0.0002i	0.0263+0.0258i	1.4681+0.0657i	-1.4005-0.0940i	-0.0038+0.0017i	-0.0100+0.0078i	-0.0170-0.0172i	-0.0049+0.0324i
22.3	-0.0452-0.0010i	0.0278+0.0208i	1.4326+0.0488i	-1.3622-0.0752i	-0.0024+0.0016i	-0.0081+0.0070i	-0.0179-0.0154i	0.0001+0.0290i
22.4	-0.0456+0.0073i	0.0272+0.0206i	1.4021+0.0559i	-1.3321-0.0766i	-0.0030+0.0012i	-0.0077+0.0076i	-0.0193-0.0132i	0.0001+0.0240i
22.5	-0.0473+0.0093i	0.0283+0.0245i	1.3668+0.0461i	-1.2987-0.0639i	-0.0029+0.0010i	-0.0081+0.0074i	-0.0187-0.0098i	-0.0008+0.0210i
22.6	-0.0384+0.0070i	0.0278+0.0243i	1.3409+0.0351i	-1.2746-0.0541i	-0.0018+0.0014i	-0.0070+0.0071i	-0.0162-0.0072i	0.0020+0.0207i
22.7	-0.0412+0.0010i	0.0207+0.0229i	1.3107+0.0361i	-1.2416-0.0501i	-0.0006-0.0004i	-0.0063+0.0067i	-0.0140-0.0069i	0.0018+0.0174i
22.8	-0.0428+0.0052i	0.0214+0.0195i	1.2803+0.0218i	-1.2179-0.0483i	-0.0012+0.0000i	-0.0056+0.0070i	-0.0139-0.0072i	0.0021+0.0173i
22.9	-0.0346+0.0110i	0.0200+0.0213i	1.2459+0.0157i	-1.1863-0.0469i	-0.0019-0.0012i	-0.0050+0.0055i	-0.0120-0.0067i	0.0020+0.0157i
23.0	-0.0374+0.0117i	0.0280+0.0251i	1.2197-0.0041i	-1.1635-0.0265i	-0.0021-0.0029i	-0.0044+0.0046i	-0.0102-0.0075i	-0.0009+0.0129i
23.1	-0.0335+0.0097i	0.0268+0.0240i	1.1781-0.0137i	-1.1237-0.0236i	-0.0016-0.0027i	-0.0047+0.0057i	-0.0110-0.0050i	0.0007+0.0118i
23.2	-0.0291+0.0130i	0.0240+0.0252i	1.1481-0.0074i	-1.1003-0.0251i	-0.0025-0.0030i	-0.0044+0.0037i	-0.0103-0.0064i	-0.0021+0.0093i
23.3	-0.0251+0.0154i	0.0230+0.0263i	1.1065-0.0094i	-1.0668-0.0255i	-0.0036-0.0021i	-0.0046+0.0029i	-0.0090-0.0076i	-0.0060+0.0109i
23.4	-0.0240+0.0123i	0.0258+0.0244i	1.0800-0.0092i	-1.0391-0.0222i	-0.0036-0.0020i	-0.0054+0.0029i	-0.0085-0.0067i	-0.0064+0.0103i
23.5	-0.0262+0.0104i	0.0226+0.0200i	1.0573+0.0005i	-1.0225-0.0185i	-0.0032-0.0021i	-0.0055+0.0030i	-0.0078-0.0058i	-0.0069+0.0073i
23.6	-0.0205+0.0078i	0.0203+0.0174i	1.0378+0.0146i	-1.0022-0.0334i	-0.0034-0.0015i	-0.0053+0.0036i	-0.0080-0.0065i	-0.0057+0.0100i
23.7	-0.0202+0.0109i	0.0116+0.0123i	1.0160+0.0216i	-0.9864-0.0318i	-0.0028-0.0019i	-0.0054+0.0034i	-0.0072-0.0072i	-0.0046+0.0104i
23.8	-0.0247+0.0091i	0.0140+0.0117i	0.9917+0.0213i	-0.9649-0.0327i	-0.0034-0.0019i	-0.0065+0.0027i	-0.0065-0.0072i	-0.0068+0.0109i
23.9	-0.0264+0.0064i	0.0133+0.0123i	0.9793+0.0236i	-0.9541-0.0320i	-0.0031-0.0010i	-0.0064+0.0030i	-0.0066-0.0066i	-0.0078+0.0110i
24.0	-0.0243+0.0065i	0.0105+0.0171i	0.9634+0.0191i	-0.9285-0.0277i	-0.0034-0.0014i	-0.0057+0.0026i	-0.0063-0.0080i	-0.0067+0.0094i
24.1	-0.0173+0.0047i	0.0132+0.0173i	0.9505+0.0240i	-0.9086-0.0313i	-0.0031-0.0019i	-0.0056+0.0019i	-0.0064-0.0084i	-0.0062+0.0093i
24.2	-0.0206-0.0000i	0.0155+0.0121i	0.9349+0.0274i	-0.8885-0.0342i	-0.0034-0.0013i	-0.0066+0.0022i	-0.0060-0.0086i	-0.0075+0.0105i
24.3	-0.0296+0.0008i	0.0102+0.0157i	0.9175+0.0248i	-0.8833-0.0340i	-0.0041-0.0012i	-0.0064+0.0018i	-0.0081-0.0096i	-0.0073+0.0109i
24.4	-0.0266+0.0019i	0.0108+0.0202i	0.8990+0.0237i	-0.8702-0.0250i	-0.0045-0.0016i	-0.0062+0.0022i	-0.0094-0.0093i	-0.0069+0.0096i
24.5	-0.0178+0.0004i	0.0103+0.0186i	0.8900+0.0193i	-0.8515-0.0235i	-0.0046-0.0007i	-0.0067+0.0027i	-0.0086-0.0093i	-0.0070+0.0093i

24.6	-0.0190+0.0016i	0.0143+0.0161i	0.8761+0.0154i	-0.8412-0.0225i	-0.0038-0.0011i	-0.0067+0.0020i	-0.0087-0.0098i	-0.0055+0.0108i
24.7	-0.0264+0.0007i	0.0124+0.0167i	0.8656+0.0181i	-0.8272-0.0255i	-0.0043-0.0006i	-0.0070+0.0018i	-0.0098-0.0093i	-0.0053+0.0119i
24.8	-0.0192+0.0017i	0.0077+0.0126i	0.8554+0.0106i	-0.8132-0.0246i	-0.0042+0.0002i	-0.0068+0.0028i	-0.0108-0.0076i	-0.0069+0.0127i
24.9	-0.0213+0.0038i	0.0103+0.0176i	0.8340+0.0090i	-0.8026-0.0190i	-0.0039+0.0004i	-0.0069+0.0038i	-0.0099-0.0067i	-0.0061+0.0130i
25.0	-0.0173+0.0001i	0.0128+0.0203i	0.8200+0.0009i	-0.7868-0.0106i	-0.0032+0.0010i	-0.0072+0.0040i	-0.0081-0.0056i	-0.0085+0.0139i
25.1	-0.0184-0.0045i	0.0061+0.0210i	0.8019-0.0049i	-0.7738-0.0067i	-0.0037+0.0018i	-0.0069+0.0040i	-0.0091-0.0059i	-0.0095+0.0136i
25.2	-0.0207-0.0011i	0.0046+0.0199i	0.7892+0.0010i	-0.7651-0.0060i	-0.0035+0.0007i	-0.0063+0.0042i	-0.0095-0.0069i	-0.0072+0.0127i
25.3	-0.0242+0.0032i	0.0044+0.0185i	0.7872-0.0018i	-0.7616+0.0035i	-0.0026-0.0001i	-0.0058+0.0040i	-0.0075-0.0070i	-0.0044+0.0116i
25.4	-0.0163+0.0037i	0.0052+0.0217i	0.7697-0.0158i	-0.7498+0.0096i	-0.0027-0.0006i	-0.0049+0.0032i	-0.0072-0.0077i	-0.0051+0.0093i
25.5	-0.0180+0.0066i	0.0099+0.0262i	0.7585-0.0136i	-0.7376+0.0104i	-0.0023-0.0015i	-0.0036+0.0035i	-0.0066-0.0084i	-0.0047+0.0088i
25.6	-0.0183+0.0013i	0.0065+0.0332i	0.7439-0.0145i	-0.7145+0.0198i	-0.0019-0.0013i	-0.0042+0.0030i	-0.0066-0.0086i	-0.0037+0.0081i
25.7	-0.0198-0.0002i	0.0034+0.0404i	0.7292-0.0212i	-0.7007+0.0299i	-0.0016-0.0022i	-0.0052+0.0030i	-0.0076-0.0098i	-0.0054+0.0103i
25.8	-0.0233+0.0053i	0.0105+0.0397i	0.7216-0.0255i	-0.6905+0.0306i	-0.0028-0.0025i	-0.0056+0.0024i	-0.0090-0.0088i	-0.0047+0.0090i
25.9	-0.0182+0.0079i	0.0129+0.0380i	0.7111-0.0392i	-0.6761+0.0370i	-0.0027-0.0023i	-0.0053+0.0022i	-0.0085-0.0088i	-0.0048+0.0087i
26.0	-0.0159+0.0020i	0.0155+0.0396i	0.7080-0.0408i	-0.6626+0.0463i	-0.0029-0.0030i	-0.0055+0.0015i	-0.0089-0.0110i	-0.0053+0.0091i
26.1	-0.0198+0.0012i	0.0222+0.0387i	0.7004-0.0428i	-0.6526+0.0476i	-0.0041-0.0025i	-0.0063+0.0021i	-0.0100-0.0118i	-0.0076+0.0119i
26.2	-0.0247+0.0072i	0.0265+0.0354i	0.6806-0.0398i	-0.6444+0.0501i	-0.0044-0.0011i	-0.0070+0.0039i	-0.0108-0.0101i	-0.0116+0.0123i
26.3	-0.0255+0.0064i	0.0295+0.0361i	0.6689-0.0346i	-0.6305+0.0457i	-0.0045-0.0013i	-0.0064+0.0032i	-0.0104-0.0093i	-0.0094+0.0120i
26.4	-0.0188+0.0083i	0.0320+0.0282i	0.6666-0.0429i	-0.6273+0.0390i	-0.0047-0.0018i	-0.0061+0.0024i	-0.0117-0.0082i	-0.0088+0.0131i
26.5	-0.0119+0.0051i	0.0356+0.0253i	0.6495-0.0532i	-0.6099+0.0556i	-0.0048-0.0013i	-0.0056+0.0039i	-0.0123-0.0080i	-0.0081+0.0158i
26.6	-0.0200+0.0100i	0.0331+0.0272i	0.6400-0.0709i	-0.5926+0.0635i	-0.0044-0.0007i	-0.0053+0.0046i	-0.0125-0.0088i	-0.0081+0.0157i
26.7	-0.0173+0.0128i	0.0392+0.0231i	0.6251-0.0785i	-0.5767+0.0632i	-0.0040-0.0009i	-0.0049+0.0045i	-0.0108-0.0087i	-0.0061+0.0169i
26.8	-0.0189+0.0101i	0.0404+0.0277i	0.6116-0.0854i	-0.5607+0.0773i	-0.0043-0.0009i	-0.0048+0.0041i	-0.0105-0.0091i	-0.0034+0.0159i
26.9	-0.0179-0.0019i	0.0391+0.0267i	0.5947-0.0946i	-0.5513+0.0889i	-0.0041-0.0012i	-0.0042+0.0030i	-0.0110-0.0111i	-0.0018+0.0166i
27.0	-0.0167-0.0032i	0.0399+0.0242i	0.5877-0.0984i	-0.5479+0.0927i	-0.0037-0.0022i	-0.0040+0.0017i	-0.0111-0.0125i	-0.0023+0.0131i
27.1	-0.0133-0.0032i	0.0415+0.0233i	0.5736-0.1089i	-0.5269+0.0872i	-0.0032-0.0033i	-0.0040+0.0013i	-0.0120-0.0133i	-0.0019+0.0115i
27.2	-0.0101-0.0021i	0.0411+0.0196i	0.5404-0.1219i	-0.5002+0.0862i	-0.0041-0.0023i	-0.0041+0.0009i	-0.0145-0.0137i	0.0021+0.0144i
27.3	-0.0102-0.0035i	0.0353+0.0228i	0.5281-0.1274i	-0.4884+0.1072i	-0.0036-0.0027i	-0.0040+0.0005i	-0.0159-0.0131i	0.0027+0.0137i
27.4	-0.0135-0.0070i	0.0352+0.0226i	0.5131-0.1435i	-0.4786+0.1157i	-0.0042-0.0037i	-0.0043-0.0001i	-0.0186-0.0142i	0.0038+0.0125i
27.5	-0.0189-0.0080i	0.0423+0.0201i	0.5006-0.1425i	-0.4660+0.1203i	-0.0048-0.0032i	-0.0052-0.0009i	-0.0199-0.0128i	0.0050+0.0113i
27.6	-0.0197-0.0127i	0.0534+0.0166i	0.4795-0.1456i	-0.4426+0.1284i	-0.0056-0.0034i	-0.0060-0.0002i	-0.0224-0.0093i	0.0058+0.0096i
27.7	-0.0231-0.0061i	0.0475+0.0149i	0.4567-0.1565i	-0.4176+0.1318i	-0.0072-0.0034i	-0.0065+0.0001i	-0.0247-0.0070i	0.0044+0.0067i
27.8	-0.0235+0.0011i	0.0511+0.0118i	0.4282-0.1639i	-0.3911+0.1352i	-0.0074-0.0035i	-0.0064-0.0001i	-0.0253-0.0050i	0.0036+0.0047i
27.9	-0.0250-0.0050i	0.0550+0.0077i	0.4072-0.1681i	-0.3735+0.1374i	-0.0079-0.0031i	-0.0066-0.0004i	-0.0252-0.0030i	0.0031+0.0034i
28.0	-0.0290-0.0078i	0.0564+0.0110i	0.3731-0.1660i	-0.3510+0.1355i	-0.0077-0.0038i	-0.0073-0.0008i	-0.0233-0.0017i	0.0009+0.0009i
28.1	-0.0348-0.0088i	0.0529+0.0118i	0.3346-0.1560i	-0.3199+0.1205i	-0.0088-0.0020i	-0.0078-0.0002i	-0.0207+0.0005i	-0.0017+0.0009i
28.2	-0.0338-0.0000i	0.0524+0.0018i	0.3028-0.1340i	-0.2870+0.1026i	-0.0092-0.0012i	-0.0084+0.0005i	-0.0211+0.0019i	-0.0021+0.0020i
28.3	-0.0333+0.0101i	0.0625-0.0029i	0.2846-0.1164i	-0.2738+0.0921i	-0.0098-0.0007i	-0.0083+0.0007i	-0.0211+0.0031i	-0.0043+0.0016i
28.4	-0.0282+0.0056i	0.0554-0.0102i	0.2671-0.0930i	-0.2505+0.0774i	-0.0099-0.0000i	-0.0081+0.0013i	-0.0186+0.0035i	-0.0050+0.0024i
28.5	-0.0195+0.0026i	0.0532-0.0145i	0.2605-0.0685i	-0.2454+0.0523i	-0.0091+0.0017i	-0.0079+0.0016i	-0.0172+0.0037i	-0.0053+0.0032i
28.6	-0.0231-0.0000i	0.0514-0.0173i	0.2522-0.0578i	-0.2352+0.0411i	-0.0085+0.0021i	-0.0085+0.0014i	-0.0163+0.0038i	-0.0058+0.0038i
28.7	-0.0241+0.0009i	0.0447-0.0180i	0.2456-0.0494i	-0.2286+0.0300i	-0.0077+0.0016i	-0.0079+0.0013i	-0.0147+0.0043i	-0.0052+0.0044i
28.8	-0.0253+0.0024i	0.0397-0.0185i	0.2471-0.0366i	-0.2321+0.0195i	-0.0077+0.0013i	-0.0073+0.0022i	-0.0146+0.0043i	-0.0053+0.0059i
28.9	-0.0259+0.0014i	0.0358-0.0173i	0.2371-0.0259i	-0.2344+0.0136i	-0.0083+0.0019i	-0.0082+0.0033i	-0.0141+0.0040i	-0.0046+0.0055i
29.0	-0.0247+0.0047i	0.0291-0.0132i	0.2326-0.0155i	-0.2331+0.0034i	-0.0083+0.0027i	-0.0079+0.0031i	-0.0137+0.0037i	-0.0045+0.0044i
29.1	-0.0254+0.0118i	0.0287-0.0117i	0.2366-0.0207i	-0.2259+0.0020i	-0.0072+0.0023i	-0.0077+0.0018i	-0.0137+0.0042i	-0.0054+0.0037i
29.2	-0.0214+0.0122i	0.0334-0.0140i	0.2346-0.0102i	-0.2161-0.0042i	-0.0063+0.0021i	-0.0071+0.0013i	-0.0126+0.0027i	-0.0046+0.0029i
29.3	-0.0224+0.0088i	0.0358-0.0084i	0.2297-0.0005i	-0.2065-0.0079i	-0.0076+0.0013i	-0.0075+0.0021i	-0.0128+0.0019i	-0.0036+0.0021i
29.4	-0.0248+0.0033i	0.0356-0.0083i	0.2292-0.0023i	-0.2109-0.0081i	-0.0074+0.0015i	-0.0087+0.0023i	-0.0144+0.0024i	-0.0060+0.0056i
29.5	-0.0200+0.0044i	0.0284-0.0135i	0.2175+0.0025i	-0.1987-0.0171i	-0.0068+0.0022i	-0.0087+0.0020i	-0.0131+0.0027i	-0.0077+0.0047i
29.6	-0.0194+0.0071i	0.0262-0.0187i	0.2173+0.0094i	-0.1889-0.0196i	-0.0063+0.0028i	-0.0070+0.0014i	-0.0124+0.0037i	-0.0067+0.0031i
29.7	-0.0259+0.0155i	0.0281-0.0171i	0.2188+0.0010i	-0.1983-0.0143i	-0.0072+0.0023i	-0.0071+0.0014i	-0.0126+0.0039i	-0.0081+0.0032i
29.8	-0.0298+0.0183i	0.0286-0.0165i	0.2050+0.0022i	-0.1942-0.0189i	-0.0084+0.0030i	-0.0078+0.0032i	-0.0128+0.0041i	-0.0084+0.0037i
29.9	-0.0324+0.0071i	0.0315-0.0207i	0.1957+0.0086i	-0.1861-0.0181i	-0.0087+0.0024i	-0.0086+0.0035i	-0.0140+0.0007i	-0.0109+0.0014i
30.0	-0.0252+0.0031i	0.0275-0.0164i	0.1920+0.0026i	-0.1837-0.0214i	-0.0076+0.0002i	-0.0080+0.0011i	-0.0126-0.0007i	-0.0093-0.0015i
30.1	-0.0230+0.0083i	0.0210-0.0165i	0.1936+0.0066i	-0.1712-0.0207i	-0.0061+0.0013i	-0.0086+0.0012i	-0.0100+0.0012i	-0.0054+0.0014i
30.2	-0.0170+0.0019i	0.0221-0.0069i	0.1878+0.0143i	-0.1547-0.0191i	-0.0065+0.0022i	-0.0088+0.0005i	-0.0086+0.0008i	-0.0079+0.0048i
30.3	-0.0160+0.0017i	0.0253-0.0115i	0.1744+0.0157i	-0.1602-0.0223i	-0.0077+0.0028i	-0.0081+0.0014i	-0.0092+0.0016i	-0.0122+0.0039i
30.4	-0.0194+0.0021i	0.0307-0.0123i	0.1659+0.0241i	-0.1516-0.0188i	-0.0090+0.0025i	-0.0086+0.0031i	-0.0107+0.0023i	-0.0151+0.0059i
30.5	-0.0218-0.0015i	0.0326-0.0078i	0.1538+0.0214i	-0.1432-0.0260i	-0.0094+0.0014i	-0.0095+0.0013i	-0.0117+0.0004i	-0.0144+0.0045i
30.6	-0.0291-0.0005i	0.0295-0.0016i	0.1512+0.0120i	-0.1444-0.0295i	-0.0093+0.0007i	-0.0105+0.0016i	-0.0132-0.0003i	-0.0145+0.0026i
30.7	-0.0312+0.0007i	0.0323-0.0029i	0.1530+0.0149i	-0.1339-0.0330i	-0.0095+0.0003i	-0.0113+0.0010i	-0.0129-0.0029i	-0.0159+0.0019i
30.8	-0.0133-0.0047i	0.0312-0.0060i	0.1488+0.0162i	-0.1275-0.0380i	-0.0070+0.0005i	-0.0084-0.0000i	-0.0093-0.0028i	-0.0158+0.0026i

30.9	-0.0168-0.0103i	0.0317-0.0082i	0.1382+0.0289i	-0.1122-0.0353i	-0.0069+0.0005i	-0.0088-0.0007i	-0.0090-0.0029i	-0.0155+0.0038i
31.0	-0.0254-0.0058i	0.0314-0.0089i	0.1219+0.0354i	-0.0948-0.0414i	-0.0084+0.0003i	-0.0096-0.0012i	-0.0072-0.0035i	-0.0162+0.0039i
31.1	-0.0096+0.0035i	0.0282-0.0088i	0.1112+0.0379i	-0.0862-0.0479i	-0.0062+0.0013i	-0.0084+0.0002i	-0.0043-0.0043i	-0.0140+0.0059i
31.2	-0.0208-0.0074i	0.0352-0.0050i	0.1123+0.0339i	-0.0875-0.0497i	-0.0079-0.0003i	-0.0101-0.0001i	-0.0071-0.0070i	-0.0166+0.0038i
31.3	-0.0220-0.0036i	0.0377-0.0040i	0.0991+0.0445i	-0.0807-0.0540i	-0.0098+0.0001i	-0.0097+0.0005i	-0.0069-0.0061i	-0.0180+0.0057i
31.4	-0.0071-0.0056i	0.0447-0.0158i	0.0863+0.0515i	-0.0509-0.0544i	-0.0070+0.0017i	-0.0082+0.0017i	-0.0024-0.0056i	-0.0154+0.0156i
31.5	-0.0143-0.0064i	0.0432-0.0177i	0.0765+0.0671i	-0.0476-0.0697i	-0.0069+0.0031i	-0.0096+0.0017i	-0.0038-0.0098i	-0.0172+0.0170i
31.6	-0.0236-0.0154i	0.0399-0.0100i	0.0782+0.0809i	-0.0604-0.0859i	-0.0102+0.0012i	-0.0114-0.0001i	-0.0106-0.0154i	-0.0178+0.0165i
31.7	-0.0286-0.0223i	0.0434-0.0061i	0.0686+0.0731i	-0.0535-0.0902i	-0.0119+0.0001i	-0.0127-0.0004i	-0.0159-0.0192i	-0.0196+0.0155i
31.8	-0.0329-0.0166i	0.0501-0.0081i	0.0726+0.0860i	-0.0426-0.1037i	-0.0105+0.0007i	-0.0128+0.0005i	-0.0172-0.0198i	-0.0163+0.0202i
31.9	-0.0283-0.0163i	0.0476-0.0165i	0.0726+0.1025i	-0.0383-0.1143i	-0.0099+0.0007i	-0.0126+0.0014i	-0.0173-0.0223i	-0.0124+0.0257i
32.0	-0.0338-0.0221i	0.0410-0.0170i	0.0641+0.0963i	-0.0510-0.1145i	-0.0099+0.0007i	-0.0116+0.0004i	-0.0211-0.0186i	-0.0084+0.0196i
32.1	-0.0437-0.0143i	0.0497-0.0115i	0.0691+0.0925i	-0.0529-0.1176i	-0.0115+0.0013i	-0.0135+0.0016i	-0.0245-0.0157i	-0.0081+0.0201i
32.2	-0.0390-0.0191i	0.0566-0.0157i	0.0726+0.1097i	-0.0387-0.1347i	-0.0110+0.0018i	-0.0134+0.0009i	-0.0270-0.0195i	-0.0058+0.0207i
32.3	-0.0371-0.0166i	0.0538-0.0206i	0.0687+0.1227i	-0.0303-0.1472i	-0.0117+0.0018i	-0.0139+0.0012i	-0.0285-0.0195i	-0.0063+0.0194i
32.4	-0.0342-0.0093i	0.0476-0.0212i	0.0590+0.1346i	-0.0224-0.1497i	-0.0109+0.0015i	-0.0140+0.0015i	-0.0344-0.0157i	0.0008+0.0209i
32.5	-0.0347-0.0123i	0.0537-0.0198i	0.0806+0.1521i	-0.0348-0.1710i	-0.0113+0.0007i	-0.0145+0.0008i	-0.0394-0.0173i	0.0027+0.0180i
32.6	-0.0500-0.0157i	0.0588-0.0260i	0.0871+0.1547i	-0.0437-0.1826i	-0.0128+0.0007i	-0.0157+0.0007i	-0.0413-0.0135i	0.0020+0.0133i
32.7	-0.0490-0.0131i	0.0740-0.0330i	0.0854+0.1580i	-0.0406-0.1843i	-0.0128+0.0002i	-0.0166+0.0015i	-0.0439-0.0077i	0.0057+0.0107i
32.8	-0.0292-0.0080i	0.0708-0.0338i	0.0884+0.1637i	-0.0347-0.1992i	-0.0120+0.0018i	-0.0167+0.0025i	-0.0429-0.0045i	0.0018+0.0105i
32.9	-0.0292-0.0113i	0.0663-0.0330i	0.1026+0.1570i	-0.0377-0.2031i	-0.0125+0.0019i	-0.0158+0.0023i	-0.0438-0.0028i	0.0023+0.0063i
33.0	-0.0399-0.0232i	0.0688-0.0460i	0.1075+0.1515i	-0.0509-0.2083i	-0.0145+0.0013i	-0.0164+0.0032i	-0.0442-0.0005i	-0.0002+0.0027i
33.1	-0.0400-0.0312i	0.0654-0.0486i	0.1078+0.1389i	-0.0532-0.2177i	-0.0157+0.0018i	-0.0179+0.0032i	-0.0448+0.0010i	-0.0036+0.0040i
33.2	-0.0468-0.0421i	0.0604-0.0429i	0.1049+0.1415i	-0.0592-0.2285i	-0.0156-0.0000i	-0.0192+0.0015i	-0.0473+0.0011i	-0.0056-0.0011i
33.3	-0.0514-0.0425i	0.0589-0.0417i	0.0981+0.1369i	-0.0717-0.2209i	-0.0171-0.0006i	-0.0207+0.0020i	-0.0475+0.0008i	-0.0078-0.0016i
33.4	-0.0526-0.0422i	0.0639-0.0476i	0.0966+0.1341i	-0.0684-0.2212i	-0.0184-0.0005i	-0.0224+0.0014i	-0.0487+0.0024i	-0.0120-0.0039i
33.5	-0.0659-0.0404i	0.0707-0.0578i	0.0898+0.1265i	-0.0619-0.2283i	-0.0196-0.0015i	-0.0244+0.0010i	-0.0545+0.0055i	-0.0146-0.0080i
33.6	-0.0712-0.0429i	0.0708-0.0603i	0.0922+0.1277i	-0.0645-0.2364i	-0.0213-0.0000i	-0.0264+0.0028i	-0.0578+0.0093i	-0.0144-0.0066i
33.7	-0.0873-0.0407i	0.0760-0.0652i	0.0828+0.1315i	-0.0640-0.2625i	-0.0241+0.0026i	-0.0295+0.0060i	-0.0604+0.0142i	-0.0201-0.0042i
33.8	-0.1016-0.0338i	0.0700-0.0853i	0.0821+0.1373i	-0.0836-0.2933i	-0.0257+0.0074i	-0.0309+0.0113i	-0.0605+0.0243i	-0.0255+0.0034i
33.9	-0.1133-0.0430i	0.0702-0.1013i	0.1013+0.1559i	-0.1243-0.3263i	-0.0252+0.0082i	-0.0306+0.0128i	-0.0580+0.0309i	-0.0282+0.0012i
34.0	-0.1320-0.0295i	0.0572-0.1059i	0.1266+0.1545i	-0.1821-0.3233i	-0.0249+0.0108i	-0.0301+0.0175i	-0.0531+0.0363i	-0.0319+0.0046i
34.1	-0.1532+0.0097i	0.0268-0.1086i	0.1421+0.1223i	-0.2431-0.2586i	-0.0255+0.0161i	-0.0280+0.0228i	-0.0471+0.0413i	-0.0361+0.0169i
34.2	-0.1522+0.0249i	-0.0031-0.1078i	0.1444+0.0854i	-0.2768-0.2072i	-0.0218+0.0182i	-0.0233+0.0233i	-0.0388+0.0399i	-0.0294+0.0215i
34.3	-0.1501+0.0321i	-0.0118-0.0987i	0.1104+0.0755i	-0.2443-0.1662i	-0.0218+0.0177i	-0.0211+0.0222i	-0.0366+0.0375i	-0.0278+0.0232i
34.4	-0.1439+0.0437i	-0.0034-0.0849i	0.0823+0.0611i	-0.2245-0.1239i	-0.0226+0.0185i	-0.0208+0.0227i	-0.0375+0.0386i	-0.0273+0.0234i
34.5	-0.1386+0.0541i	-0.0098-0.0662i	0.0551+0.0434i	-0.1971-0.1011i	-0.0217+0.0198i	-0.0205+0.0221i	-0.0354+0.0394i	-0.0275+0.0253i
34.6	-0.1240+0.0535i	-0.0010-0.0641i	0.0378+0.0588i	-0.1555-0.0828i	-0.0200+0.0181i	-0.0192+0.0201i	-0.0348+0.0354i	-0.0220+0.0227i
34.7	-0.1168+0.0654i	-0.0022-0.0635i	0.0213+0.0722i	-0.1344-0.0739i	-0.0206+0.0192i	-0.0193+0.0211i	-0.0357+0.0365i	-0.0232+0.0235i
34.8	-0.1111+0.0834i	-0.0067-0.0652i	0.0080+0.0842i	-0.1138-0.0822i	-0.0201+0.0209i	-0.0192+0.0213i	-0.0356+0.0372i	-0.0235+0.0283i
34.9	-0.1011+0.0950i	-0.0023-0.0670i	-0.0066+0.1002i	-0.1088-0.1011i	-0.0170+0.0223i	-0.0172+0.0232i	-0.0321+0.0403i	-0.0201+0.0320i
35.0	-0.0998+0.0980i	-0.0024-0.0632i	-0.0147+0.1158i	-0.0874-0.1119i	-0.0180+0.0240i	-0.0169+0.0252i	-0.0306+0.0457i	-0.0210+0.0331i
35.1	-0.0976+0.1055i	0.0050-0.0673i	-0.0138+0.1370i	-0.0740-0.1062i	-0.0193+0.0270i	-0.0204+0.0281i	-0.0314+0.0479i	-0.0240+0.0378i
35.2	-0.0898+0.1007i	-0.0009-0.0643i	-0.0091+0.1469i	-0.0700-0.1167i	-0.0157+0.0274i	-0.0179+0.0285i	-0.0282+0.0475i	-0.0213+0.0353i
35.3	-0.0780+0.0965i	0.0039-0.0637i	-0.0179+0.1570i	-0.0626-0.1223i	-0.0136+0.0264i	-0.0161+0.0280i	-0.0257+0.0452i	-0.0188+0.0324i
35.4	-0.0787+0.1059i	0.0057-0.0658i	-0.0108+0.1619i	-0.0713-0.1252i	-0.0112+0.0289i	-0.0124+0.0306i	-0.0178+0.0498i	-0.0111+0.0406i
35.5	-0.0837+0.1101i	-0.0005-0.0766i	-0.0035+0.1611i	-0.0688-0.1288i	-0.0140+0.0304i	-0.0134+0.0336i	-0.0215+0.0541i	-0.0177+0.0438i
35.6	-0.0739+0.1082i	0.0036-0.0636i	-0.0024+0.1686i	-0.0702-0.1321i	-0.0124+0.0282i	-0.0105+0.0305i	-0.0185+0.0497i	-0.0180+0.0395i
35.7	-0.0653+0.1089i	0.0086-0.0703i	0.0058+0.1614i	-0.0808-0.1301i	-0.0111+0.0278i	-0.0112+0.0286i	-0.0183+0.0505i	-0.0130+0.0360i
35.8	-0.0560+0.1115i	-0.0014-0.0695i	0.0168+0.1679i	-0.0745-0.1194i	-0.0078+0.0272i	-0.0082+0.0293i	-0.0160+0.0483i	-0.0065+0.0375i
35.9	-0.0494+0.1133i	-0.0035-0.0633i	0.0123+0.1755i	-0.0590-0.1189i	-0.0064+0.0276i	-0.0070+0.0285i	-0.0137+0.0470i	-0.0054+0.0335i
36.0	-0.0554+0.1155i	-0.0042-0.0607i	0.0128+0.1742i	-0.0546-0.1214i	-0.0064+0.0261i	-0.0071+0.0277i	-0.0145+0.0461i	-0.0059+0.0346i
36.1	-0.0527+0.1246i	-0.0092-0.0769i	0.0046+0.1675i	-0.0519-0.1184i	-0.0078+0.0281i	-0.0091+0.0290i	-0.0162+0.0500i	-0.0071+0.0352i
36.2	-0.0265+0.1171i	-0.0171-0.0766i	0.0005+0.1619i	-0.0450-0.1119i	-0.0050+0.0312i	-0.0056+0.0318i	-0.0115+0.0536i	-0.0023+0.0399i
36.3	-0.0126+0.1125i	-0.0265-0.0607i	0.0003+0.1697i	-0.0286-0.1235i	-0.0025+0.0298i	-0.0014+0.0300i	-0.0080+0.0498i	0.0016+0.0399i
36.4	-0.0245+0.1178i	-0.0171-0.0689i	0.0039+0.1799i	-0.0310-0.1171i	-0.0040+0.0295i	-0.0035+0.0302i	-0.0086+0.0526i	-0.0019+0.0367i
36.5	-0.0208+0.1239i	-0.0141-0.0672i	-0.0017+0.1960i	-0.0343-0.1244i	-0.0042+0.0313i	-0.0038+0.0318i	-0.0051+0.0556i	-0.0028+0.0393i
36.6	-0.0096+0.1216i	-0.0181-0.0607i	0.0069+0.2051i	-0.0215-0.1407i	-0.0017+0.0337i	-0.0001+0.0338i	0.0016+0.0574i	0.0024+0.0455i
36.7	-0.0006+0.1109i	-0.0177-0.0590i	-0.0062+0.2055i	-0.0162-0.1396i	0.0005+0.0333i	0.0014+0.0331i	0.0022+0.0546i	0.0035+0.0435i
36.8	0.0101+0.1047i	-0.0200-0.0578i	-0.0056+0.2124i	-0.0079-0.1519i	0.0045+0.0309i	0.0027+0.0304i	0.0049+0.0546i	0.0099+0.0378i
36.9	0.0139+0.0994i	-0.0155-0.0550i	-0.0014+0.2019i	-0.0011-0.1672i	0.0044+0.0313i	0.0025+0.0314i	0.0044+0.0537i	0.0096+0.0382i
37.0	0.0048+0.0821i	-0.0095-0.0440i	0.0129+0.2023i	-0.0052-0.1634i	0.0027+0.0314i	0.0005+0.0312i	0.0007+0.0501i	0.0071+0.0368i
37.1	0.0025+0.0842i	-0.0241-0.0489i	0.0258+0.2014i	-0.0298-0.1795i	0.0043+0.0308i	0.0026+0.0320i	0.0035+0.0516i	0.0090+0.0362i

37.2	0.0181+0.0893i	-0.0314-0.0573i	0.0336+0.2072i	-0.0288-0.1675i	0.0072+0.0312i	0.0064+0.0317i	0.0105+0.0552i	0.0126+0.0375i
37.3	0.0140+0.0813i	-0.0308-0.0539i	0.0354+0.2060i	-0.0258-0.1665i	0.0077+0.0274i	0.0055+0.0272i	0.0085+0.0525i	0.0140+0.0290i
37.4	0.0222+0.0624i	-0.0325-0.0462i	0.0606+0.2097i	-0.0380-0.1990i	0.0171+0.0256i	0.0154+0.0261i	0.0219+0.0449i	0.0299+0.0288i
37.5	0.0293+0.0798i	-0.0357-0.0448i	0.0397+0.2136i	-0.0335-0.1852i	0.0145+0.0269i	0.0131+0.0268i	0.0218+0.0509i	0.0231+0.0260i
37.6	0.0229+0.0839i	-0.0302-0.0516i	0.0287+0.1955i	-0.0258-0.1653i	0.0091+0.0253i	0.0081+0.0266i	0.0137+0.0528i	0.0139+0.0219i
37.7	0.0235+0.0690i	-0.0229-0.0493i	0.0222+0.1835i	-0.0146-0.1520i	0.0098+0.0259i	0.0101+0.0262i	0.0160+0.0501i	0.0162+0.0226i
37.8	0.0332+0.0734i	-0.0264-0.0417i	0.0317+0.1872i	-0.0193-0.1450i	0.0102+0.0260i	0.0094+0.0254i	0.0184+0.0536i	0.0157+0.0212i
37.9	0.0252+0.0728i	-0.0204-0.0408i	0.0289+0.1927i	-0.0123-0.1578i	0.0096+0.0261i	0.0090+0.0257i	0.0194+0.0558i	0.0126+0.0180i
38.0	0.0117+0.0660i	-0.0196-0.0382i	0.0214+0.1853i	-0.0088-0.1660i	0.0109+0.0242i	0.0093+0.0240i	0.0238+0.0525i	0.0057+0.0173i
38.1	0.0059+0.0647i	-0.0272-0.0376i	0.0110+0.1892i	-0.0107-0.1664i	0.0107+0.0228i	0.0087+0.0234i	0.0260+0.0499i	0.0005+0.0168i
38.2	0.0163+0.0644i	-0.0287-0.0481i	0.0099+0.1906i	-0.0145-0.1755i	0.0076+0.0245i	0.0053+0.0240i	0.0240+0.0489i	-0.0021+0.0210i
38.3	0.0068+0.0664i	-0.0266-0.0525i	0.0191+0.1953i	-0.0203-0.1777i	0.0082+0.0249i	0.0064+0.0245i	0.0262+0.0502i	-0.0042+0.0230i
38.4	0.0039+0.0757i	-0.0289-0.0535i	0.0064+0.1936i	-0.0191-0.1653i	0.0082+0.0294i	0.0069+0.0280i	0.0289+0.0526i	-0.0045+0.0293i
38.5	0.0168+0.0773i	-0.0270-0.0546i	0.0176+0.1929i	-0.0156-0.1695i	0.0088+0.0302i	0.0076+0.0283i	0.0296+0.0496i	-0.0060+0.0340i
38.6	0.0256+0.0684i	-0.0401-0.0400i	0.0267+0.1876i	-0.0193-0.1590i	0.0134+0.0267i	0.0117+0.0255i	0.0349+0.0388i	-0.0011+0.0372i
38.7	0.0283+0.0663i	-0.0266-0.0449i	0.0318+0.1925i	-0.0276-0.1747i	0.0177+0.0282i	0.0146+0.0269i	0.0383+0.0397i	0.0057+0.0429i
38.8	0.0253+0.0607i	-0.0306-0.0480i	0.0394+0.1909i	-0.0197-0.1718i	0.0175+0.0308i	0.0142+0.0295i	0.0361+0.0448i	0.0127+0.0466i
38.9	0.0364+0.0561i	-0.0443-0.0531i	0.0364+0.1918i	-0.0176-0.1727i	0.0187+0.0293i	0.0158+0.0295i	0.0404+0.0416i	0.0143+0.0493i
39.0	0.0386+0.0599i	-0.0445-0.0356i	0.0401+0.1847i	-0.0318-0.1616i	0.0216+0.0269i	0.0185+0.0284i	0.0475+0.0368i	0.0160+0.0453i
39.1	0.0352+0.0469i	-0.0356-0.0327i	0.0552+0.1720i	-0.0349-0.1646i	0.0245+0.0259i	0.0216+0.0264i	0.0474+0.0366i	0.0263+0.0408i
39.2	0.0318+0.0440i	-0.0353-0.0362i	0.0581+0.1588i	-0.0314-0.1645i	0.0245+0.0226i	0.0219+0.0224i	0.0456+0.0336i	0.0297+0.0339i
39.3	0.0433+0.0429i	-0.0319-0.0288i	0.0446+0.1555i	-0.0358-0.1504i	0.0252+0.0222i	0.0228+0.0210i	0.0483+0.0314i	0.0263+0.0322i
39.4	0.0347+0.0309i	-0.0423-0.0263i	0.0333+0.1642i	-0.0328-0.1489i	0.0281+0.0199i	0.0267+0.0190i	0.0525+0.0292i	0.0274+0.0254i
39.5	0.0341+0.0317i	-0.0397-0.0280i	0.0326+0.1515i	-0.0186-0.1403i	0.0246+0.0160i	0.0234+0.0163i	0.0452+0.0224i	0.0280+0.0244i
39.6	0.0372+0.0417i	-0.0420-0.0264i	0.0231+0.1493i	-0.0088-0.1373i	0.0256+0.0148i	0.0261+0.0152i	0.0514+0.0220i	0.0284+0.0214i
39.7	0.0344+0.0287i	-0.0481-0.0331i	0.0166+0.1485i	-0.0081-0.1448i	0.0308+0.0152i	0.0293+0.0158i	0.0634+0.0266i	0.0298+0.0194i
39.8	0.0240+0.0283i	-0.0448-0.0257i	0.0170+0.1489i	-0.0030-0.1442i	0.0306+0.0123i	0.0282+0.0129i	0.0629+0.0170i	0.0276+0.0220i
39.9	0.0276+0.0355i	-0.0461-0.0334i	0.0191+0.1434i	-0.0105-0.1428i	0.0302+0.0129i	0.0276+0.0140i	0.0555+0.0162i	0.0302+0.0244i
40.0	0.0360+0.0310i	-0.0467-0.0271i	0.0032+0.1420i	-0.0062-0.1399i	0.0273+0.0094i	0.0266+0.0112i	0.0564+0.0136i	0.0256+0.0144i
40.1	0.0224+0.0198i	-0.0450-0.0150i	-0.0053+0.1431i	0.0024-0.1281i	0.0280+0.0088i	0.0264+0.0107i	0.0593+0.0102i	0.0267+0.0159i
40.2	0.0292+0.0251i	-0.0385-0.0185i	-0.0016+0.1376i	0.0012-0.1335i	0.0283+0.0081i	0.0255+0.0088i	0.0598+0.0033i	0.0241+0.0203i
40.3	0.0300+0.0353i	-0.0436-0.0233i	-0.0216+0.1376i	0.0055-0.1353i	0.0296+0.0075i	0.0268+0.0053i	0.0611-0.0030i	0.0237+0.0178i
40.4	0.0304+0.0288i	-0.0348-0.0165i	-0.0192+0.1406i	0.0158-0.1354i	0.0275+0.0029i	0.0243+0.0027i	0.0551-0.0060i	0.0230+0.0116i
40.5	0.0237+0.0195i	-0.0280-0.0034i	-0.0167+0.1404i	0.0236-0.1316i	0.0233-0.0040i	0.0199-0.0013i	0.0464-0.0172i	0.0147+0.0047i
40.6	0.0155+0.0158i	-0.0307-0.0007i	-0.0156+0.1573i	0.0161-0.1341i	0.0217-0.0065i	0.0183-0.0051i	0.0429-0.0230i	0.0148+0.0007i
40.7	0.0134+0.0107i	-0.0221+0.0082i	-0.0125+0.1579i	0.0197-0.1441i	0.0187-0.0041i	0.0148-0.0022i	0.0351-0.0188i	0.0139+0.0020i
40.8	0.0080+0.0232i	-0.0211-0.0049i	-0.0160+0.1488i	0.0373-0.1389i	0.0181-0.0037i	0.0146-0.0028i	0.0334-0.0183i	0.0150+0.0005i
40.9	0.0204+0.0362i	-0.0245-0.0058i	-0.0246+0.1552i	0.0390-0.1327i	0.0195-0.0068i	0.0150-0.0070i	0.0351-0.0248i	0.0184-0.0041i
41.0	0.0231+0.0286i	-0.0132-0.0085i	-0.0241+0.1468i	0.0302-0.1442i	0.0169-0.0034i	0.0113-0.0024i	0.0272-0.0196i	0.0164+0.0053i
41.1	0.0128+0.0310i	-0.0048-0.0063i	-0.0160+0.1342i	0.0483-0.1487i	0.0113-0.0039i	0.0055-0.0025i	0.0203-0.0193i	0.0071+0.0050i
41.2	0.0077+0.0255i	-0.0256+0.0043i	-0.0381+0.1564i	0.0465-0.1381i	0.0152-0.0057i	0.0122-0.0056i	0.0309-0.0254i	0.0126+0.0025i
41.3	0.0020+0.0143i	0.0021+0.0062i	-0.0359+0.1791i	0.0581-0.1438i	0.0129-0.0082i	0.0101-0.0056i	0.0224-0.0291i	0.0099+0.0024i
41.4	-0.0065+0.0263i	0.0179-0.0003i	-0.0126+0.1714i	0.0567-0.1698i	0.0044-0.0057i	0.0010-0.0017i	0.0058-0.0213i	0.0013+0.0062i
41.5	-0.0051+0.0392i	-0.0048-0.0001i	-0.0183+0.1681i	0.0602-0.1644i	0.0046-0.0055i	0.0020-0.0040i	0.0071-0.0221i	0.0046+0.0008i
41.6	0.0004+0.0296i	-0.0145-0.0098i	-0.0288+0.1679i	0.0627-0.1491i	0.0055-0.0049i	0.0041-0.0039i	0.0096-0.0226i	0.0076+0.0050i
41.7	0.0025+0.0175i	-0.0003-0.0339i	-0.0279+0.1541i	0.0555-0.1425i	0.0033-0.0034i	0.0006-0.0029i	0.0052-0.0179i	0.0028+0.0090i
41.8	0.0074+0.0250i	0.0049-0.0304i	-0.0278+0.1500i	0.0543-0.1516i	0.0039-0.0017i	-0.0006-0.0011i	0.0055-0.0143i	0.0015+0.0106i
41.9	0.0076+0.0273i	-0.0022-0.0305i	-0.0186+0.1637i	0.0680-0.1700i	0.0020-0.0009i	-0.0007-0.0012i	0.0025-0.0114i	-0.0005+0.0090i
42.0	0.0022+0.0192i	-0.0028-0.0369i	-0.0183+0.1661i	0.0468-0.1771i	0.0006+0.0016i	-0.0026+0.0044i	-0.0007-0.0051i	-0.0052+0.0125i
42.1	-0.0012+0.0104i	-0.0094-0.0308i	-0.0157+0.1542i	0.0396-0.1839i	0.0009-0.0019i	-0.0024+0.0014i	-0.0017-0.0107i	-0.0066+0.0094i
42.2	0.0045+0.0099i	-0.0010-0.0238i	-0.0189+0.1445i	0.0581-0.1737i	0.0019+0.0003i	-0.0014+0.0040i	0.0020-0.0082i	-0.0042+0.0084i
42.3	0.0057+0.0204i	0.0011-0.0277i	-0.0216+0.1466i	0.0589-0.1787i	0.0030+0.0044i	-0.0013+0.0089i	0.0035-0.0018i	0.0003+0.0184i
42.4	0.0060+0.0302i	-0.0058-0.0362i	-0.0280+0.1442i	0.0613-0.1737i	0.0029+0.0070i	-0.0029+0.0101i	-0.0004-0.0009i	-0.0008+0.0204i
42.5	0.0106+0.0254i	-0.0181-0.0481i	-0.0440+0.1492i	0.0640-0.1658i	0.0009+0.0085i	-0.0043+0.0085i	-0.0043+0.0016i	-0.0036+0.0202i
42.6	0.0178+0.0304i	-0.0279-0.0510i	-0.0509+0.1414i	0.0650-0.1753i	0.0069+0.0090i	0.0018+0.0126i	0.0050+0.0063i	0.0106+0.0195i
42.7	0.0104+0.0342i	-0.0165-0.0465i	-0.0197+0.1191i	0.0546-0.1640i	0.0073+0.0057i	0.0027+0.0105i	0.0066+0.0084i	0.0138+0.0177i
42.8	0.0119+0.0249i	-0.0272-0.0444i	-0.0364+0.1160i	0.0617-0.1563i	0.0079+0.0082i	0.0045+0.0112i	0.0083+0.0108i	0.0081+0.0208i
42.9	0.0167+0.0169i	-0.0126-0.0424i	-0.0579+0.1241i	0.0764-0.1637i	0.0062+0.0098i	0.0026+0.0132i	0.0078+0.0074i	-0.0016+0.0230i
43.0	0.0111+0.0204i	-0.0174-0.0374i	-0.0669+0.1133i	0.0743-0.1636i	0.0044+0.0072i	0.0024+0.0129i	0.0075+0.0054i	-0.0002+0.0195i
43.1	0.0201+0.0307i	-0.0349-0.0400i	-0.0870+0.1134i	0.0669-0.1573i	0.0092+0.0066i	0.0078+0.0115i	0.0144+0.0022i	0.0108+0.0217i
43.2	0.0261+0.0251i	-0.0550-0.0483i	-0.0936+0.1438i	0.0520-0.1740i	0.0136+0.0077i	0.0132+0.0132i	0.0163+0.0007i	0.0200+0.0254i
43.3	0.0168+0.0289i	-0.0486-0.0288i	-0.0738+0.1242i	0.0506-0.1642i	0.0121+0.0041i	0.0124+0.0082i	0.0123+0.0013i	0.0245+0.0184i
43.4	0.0273+0.0259i	-0.0442-0.0278i	-0.0869+0.1094i	0.0634-0.1374i	0.0143+0.0041i	0.0128+0.0075i	0.0153+0.0050i	0.0256+0.0123i

43.5	0.0373+0.0213i	-0.0367-0.0357i	-0.0987+0.1229i	0.0685-0.1417i	0.0128+0.0020i	0.0112+0.0055i	0.0173+0.0033i	0.0209+0.0077i
43.6	0.0284+0.0054i	-0.0423-0.0398i	-0.1146+0.1416i	0.0885-0.1749i	0.0111+0.0020i	0.0100+0.0040i	0.0152-0.0010i	0.0141+0.0099i
43.7	0.0118+0.0098i	-0.0511-0.0469i	-0.1215+0.1574i	0.0916-0.1918i	0.0131+0.0050i	0.0107+0.0079i	0.0162-0.0015i	0.0179+0.0185i
43.8	0.0057+0.0172i	-0.0543-0.0391i	-0.0968+0.1500i	0.0788-0.1766i	0.0141+0.0027i	0.0127+0.0043i	0.0167-0.0025i	0.0223+0.0145i
43.9	-0.0047+0.0153i	-0.0541-0.0437i	-0.1178+0.1423i	0.0899-0.1618i	0.0132+0.0036i	0.0113+0.0047i	0.0156+0.0015i	0.0181+0.0102i
44.0	0.0167+0.0208i	-0.0373-0.0290i	-0.1376+0.1550i	0.1144-0.1661i	0.0102+0.0039i	0.0098+0.0057i	0.0162+0.0018i	0.0138+0.0099i
44.1	0.0190+0.0251i	-0.0466-0.0348i	-0.1271+0.1618i	0.1202-0.1962i	0.0119+0.0047i	0.0094+0.0082i	0.0151+0.0028i	0.0163+0.0136i
44.2	0.0129+0.0165i	-0.0409-0.0404i	-0.1371+0.1718i	0.1163-0.1953i	0.0112+0.0030i	0.0078+0.0077i	0.0145-0.0009i	0.0146+0.0118i
44.3	0.0167+0.0227i	-0.0345-0.0379i	-0.1465+0.2000i	0.1200-0.2119i	0.0100+0.0032i	0.0065+0.0069i	0.0145-0.0058i	0.0152+0.0143i
44.4	0.0168+0.0205i	-0.0308-0.0425i	-0.1136+0.2363i	0.0885-0.2486i	0.0098+0.0062i	0.0069+0.0071i	0.0101-0.0045i	0.0230+0.0220i
44.5	0.0176+0.0219i	-0.0402-0.0403i	-0.0722+0.2137i	0.0430-0.2354i	0.0117+0.0061i	0.0099+0.0068i	0.0053-0.0015i	0.0280+0.0167i
44.6	0.0175+0.0097i	-0.0483-0.0208i	-0.0786+0.1774i	0.0429-0.1959i	0.0142+0.0030i	0.0128+0.0053i	0.0085+0.0009i	0.0312+0.0065i
44.7	0.0106+0.0078i	-0.0535-0.0078i	-0.0770+0.1764i	0.0457-0.1790i	0.0131+0.0009i	0.0102+0.0023i	0.0067+0.0028i	0.0267-0.0007i
44.8	0.0062+0.0066i	-0.0606-0.0112i	-0.0815+0.1584i	0.0553-0.1614i	0.0126-0.0012i	0.0094+0.0017i	0.0162+0.0048i	0.0163-0.0074i
44.9	0.0095+0.0044i	-0.0474-0.0244i	-0.0833+0.1483i	0.0689-0.1516i	0.0132-0.0010i	0.0102+0.0018i	0.0175+0.0032i	0.0162-0.0022i
45.0	0.0021-0.0006i	-0.0208-0.0313i	-0.1025+0.1314i	0.1144-0.1529i	0.0076+0.0019i	0.0037+0.0027i	0.0113+0.0080i	0.0074+0.0052i
45.1	0.0052+0.0033i	-0.0359-0.0206i	-0.1478+0.1557i	0.1346-0.1742i	0.0098-0.0002i	0.0064+0.0025i	0.0205+0.0033i	0.0016+0.0068i
45.2	0.0184+0.0092i	-0.0387-0.0269i	-0.1215+0.1850i	0.1194-0.2025i	0.0119+0.0009i	0.0094+0.0046i	0.0231-0.0002i	0.0090+0.0141i
45.3	-0.0162+0.0228i	-0.0476-0.0295i	-0.1250+0.1508i	0.1076-0.2008i	0.0124+0.0036i	0.0077+0.0069i	0.0159+0.0039i	0.0168+0.0106i
45.4	-0.0100+0.0300i	-0.0419-0.0146i	-0.1714+0.1597i	0.1134-0.1896i	0.0124+0.0030i	0.0080+0.0059i	0.0161+0.0022i	0.0125+0.0074i
45.5	-0.0087+0.0117i	-0.0513-0.0165i	-0.1681+0.1555i	0.1178-0.1900i	0.0146-0.0007i	0.0097+0.0036i	0.0221+0.0001i	0.0141+0.0046i
45.6	-0.0138+0.0093i	-0.0467-0.0195i	-0.1737+0.1673i	0.1369-0.1995i	0.0143-0.0033i	0.0083+0.0025i	0.0226-0.0045i	0.0114+0.0036i
45.7	-0.0064+0.0288i	-0.0298-0.0165i	-0.1488+0.1920i	0.1174-0.2475i	0.0149-0.0011i	0.0103+0.0064i	0.0214+0.0003i	0.0198+0.0062i
45.8	0.0120+0.0424i	-0.0174-0.0069i	-0.1301+0.2172i	0.1487-0.2171i	0.0136+0.0022i	0.0112+0.0078i	0.0258+0.0055i	0.0091+0.0082i
45.9	0.0312+0.0450i	-0.0056-0.0078i	-0.1440+0.2351i	0.1379-0.2099i	0.0162+0.0051i	0.0135+0.0096i	0.0316+0.0013i	0.0102+0.0212i
46.0	0.0075+0.0304i	-0.0378+0.0049i	-0.1205+0.2125i	0.1032-0.2331i	0.0205+0.0025i	0.0154+0.0081i	0.0296-0.0074i	0.0209+0.0217i
46.1	0.0033+0.0328i	-0.0394+0.0020i	-0.1545+0.1898i	0.1167-0.1985i	0.0194+0.0007i	0.0160+0.0051i	0.0279-0.0039i	0.0265+0.0133i
46.2	-0.0201+0.0377i	-0.0517-0.0102i	-0.1566+0.2387i	0.1539-0.2117i	0.0210-0.0021i	0.0142+0.0032i	0.0315-0.0034i	0.0222+0.0078i
46.3	-0.0612+0.0499i	-0.1004+0.0355i	-0.2088+0.2847i	0.1142-0.2383i	0.0210-0.0055i	0.0160+0.0008i	0.0354-0.0161i	0.0179-0.0020i
46.4	-0.0420+0.0650i	-0.0727+0.0422i	-0.1666+0.3502i	0.0693-0.2626i	0.0211-0.0090i	0.0202-0.0033i	0.0286-0.0326i	0.0157+0.0012i
46.5	-0.0061+0.0423i	-0.0479+0.0081i	-0.0791+0.2979i	0.0251-0.2615i	0.0179-0.0133i	0.0173-0.0018i	0.0214-0.0291i	0.0241+0.0060i
46.6	-0.0183+0.0326i	-0.0746-0.0020i	-0.0592+0.2188i	0.0084-0.2417i	0.0173-0.0124i	0.0146-0.0010i	0.0234-0.0297i	0.0344+0.0031i
46.7	0.0128+0.0429i	-0.0608+0.0167i	-0.0691+0.2260i	0.0400-0.1828i	0.0155-0.0134i	0.0113-0.0054i	0.0098-0.0280i	0.0276-0.0030i
46.8	0.0018+0.0630i	-0.0642+0.0116i	-0.1010+0.1952i	0.0683-0.1645i	0.0134-0.0123i	0.0125-0.0028i	0.0054-0.0195i	0.0277-0.0081i
46.9	0.0003+0.0623i	-0.0791-0.0011i	-0.1458+0.1751i	0.0907-0.1745i	0.0133-0.0119i	0.0146-0.0016i	0.0132-0.0106i	0.0242-0.0190i
47.0	0.0090+0.0557i	-0.0681+0.0197i	-0.1647+0.2083i	0.1029-0.2059i	0.0143-0.0119i	0.0137-0.0028i	0.0194-0.0164i	0.0164-0.0141i
47.1	0.0109+0.0615i	-0.0622+0.0430i	-0.1283+0.2360i	0.0616-0.2509i	0.0149-0.0177i	0.0141-0.0071i	0.0169-0.0373i	0.0217-0.0109i
47.2	0.0000+0.0626i	-0.0613+0.0369i	-0.0899+0.1814i	0.0593-0.1972i	0.0115-0.0210i	0.0139-0.0099i	0.0064-0.0390i	0.0334-0.0126i
47.3	0.0095+0.0551i	-0.0867+0.0283i	-0.1375+0.1720i	0.1000-0.1383i	0.0075-0.0178i	0.0076-0.0091i	-0.0027-0.0193i	0.0215-0.0170i
47.4	0.0415+0.0411i	-0.0633+0.0077i	-0.1730+0.2057i	0.1224-0.1476i	0.0021-0.0139i	0.0033-0.0052i	-0.0029-0.0065i	0.0071-0.0160i
47.5	0.0371+0.0178i	-0.0677-0.0001i	-0.2425+0.2264i	0.1081-0.1951i	-0.0010-0.0152i	0.0003-0.0045i	-0.0045-0.0049i	-0.0065-0.0195i
47.6	0.0273+0.0308i	-0.0838+0.0242i	-0.2233+0.2658i	0.1258-0.2711i	0.0069-0.0139i	0.0089-0.0015i	0.0142-0.0126i	0.0070-0.0072i
47.7	0.0428+0.0097i	-0.0814+0.0307i	-0.1459+0.2666i	0.0794-0.3199i	0.0113-0.0202i	0.0176-0.0088i	0.0174-0.0322i	0.0269-0.0133i
47.8	0.0462-0.0043i	-0.0890+0.0225i	-0.1098+0.2287i	0.0364-0.2852i	0.0084-0.0226i	0.0154-0.0136i	0.0052-0.0357i	0.0273-0.0221i
47.9	0.0506-0.0158i	-0.0614+0.0544i	-0.1137+0.1814i	0.0383-0.2012i	0.0054-0.0211i	0.0142-0.0121i	-0.0026-0.0293i	0.0247-0.0235i
48.0	0.0280-0.0029i	-0.0623+0.0439i	-0.1503+0.2027i	0.0675-0.1793i	0.0030-0.0214i	0.0126-0.0117i	-0.0001-0.0271i	0.0154-0.0257i
48.1	0.0080+0.0111i	-0.0275+0.0544i	-0.1437+0.2324i	0.0763-0.1866i	-0.0011-0.0235i	0.0077-0.0150i	-0.0044-0.0274i	0.0150-0.0266i
48.2	0.0123+0.0083i	-0.0389+0.0538i	-0.1770+0.2323i	0.0720-0.1790i	-0.0045-0.0214i	0.0053-0.0129i	-0.0167-0.0180i	0.0162-0.0264i
48.3	0.0189+0.0142i	-0.0225+0.0900i	-0.1413+0.2737i	0.0744-0.2094i	-0.0057-0.0214i	0.0034-0.0103i	-0.0177-0.0087i	0.0100-0.0290i
48.4	0.0281+0.0129i	0.0094+0.0933i	-0.0766+0.2167i	0.0496-0.2034i	-0.0072-0.0211i	0.0036-0.0123i	-0.0144-0.0085i	0.0040-0.0395i
48.5	0.0310-0.0244i	0.0220+0.0668i	-0.1130+0.1676i	0.0615-0.1811i	-0.0109-0.0222i	0.0005-0.0148i	-0.0114-0.0105i	-0.0043-0.0432i
48.6	0.0302+0.0133i	0.0214+0.0696i	-0.1539+0.2045i	0.0933-0.1539i	-0.0085-0.0166i	0.0014-0.0103i	-0.0036-0.0003i	-0.0043-0.0260i
48.7	0.0200+0.0108i	0.0294+0.0740i	-0.1424+0.2343i	0.1110-0.1540i	-0.0091-0.0153i	0.0008-0.0100i	-0.0046-0.0001i	-0.0046-0.0265i
48.8	0.0268-0.0232i	0.0103+0.1013i	-0.1256+0.2463i	0.0761-0.1951i	-0.0102-0.0176i	0.0007-0.0127i	-0.0014-0.0050i	-0.0057-0.0324i
48.9	0.0281-0.0524i	0.0249+0.0547i	-0.0923+0.1905i	0.0398-0.2246i	-0.0110-0.0236i	0.0004-0.0169i	0.0022-0.0163i	-0.0016-0.0452i
49.0	0.0047-0.0520i	0.0279+0.0303i	-0.1077+0.1272i	0.0656-0.1556i	-0.0154-0.0237i	-0.0032-0.0161i	-0.0023-0.0154i	-0.0131-0.0477i
49.1	-0.0160-0.0048i	0.0169+0.0670i	-0.1647+0.1318i	0.1044-0.1209i	-0.0183-0.0193i	-0.0028-0.0139i	-0.0095-0.0068i	-0.0221-0.0422i
49.2	0.0048+0.0246i	0.0260+0.1144i	-0.1844+0.1727i	0.1391-0.1157i	-0.0161-0.0138i	-0.0020-0.0105i	-0.0068+0.0079i	-0.0243-0.0292i
49.3	-0.0200-0.0063i	-0.0134+0.0880i	-0.2620+0.2135i	0.1163-0.1408i	-0.0192-0.0137i	-0.0073-0.0100i	-0.0110+0.0042i	-0.0444-0.0373i
49.4	0.0038-0.0325i	0.0288+0.0452i	-0.2146+0.2065i	0.1531-0.2151i	-0.0148-0.0202i	-0.0019-0.0146i	0.0038-0.0109i	-0.0300-0.0482i
49.5	0.1435+0.0449i	0.2082+0.0364i	0.0845+0.3009i	0.3826-0.1066i	0.0081-0.0050i	0.0165-0.0010i	0.0651+0.0121i	0.0507-0.0022i
49.6	0.1098+0.0860i	0.2285+0.0840i	0.0762+0.3568i	0.3670-0.0054i	0.0039+0.0036i	0.0133+0.0021i	0.0655+0.0284i	0.0420+0.0195i
49.7	-0.0815-0.0060i	-0.0004+0.0695i	-0.2962+0.1795i	0.0256-0.1517i	-0.0307-0.0173i	-0.0120-0.0172i	-0.0136-0.0117i	-0.0690-0.0398i

49.8	-0.0212+0.0094i	0.0845+0.0726i	-0.1752+0.2022i	0.1482-0.1810i	-0.0163-0.0134i	-0.0034-0.0118i	0.0119-0.0153i	-0.0334-0.0289i
49.9	-0.0265+0.0995i	0.1172+0.1473i	-0.0788+0.2877i	0.1945-0.1135i	-0.0101-0.0017i	0.0002-0.0008i	0.0202-0.0033i	-0.0176+0.0072i
50.0	-0.0591+0.0761i	0.0693+0.1091i	-0.1797+0.2636i	0.1286-0.0695i	-0.0219-0.0044i	-0.0105-0.0038i	-0.0007+0.0027i	-0.0400+0.0051i
50.1	-0.0461+0.0047i	0.0445+0.0395i	-0.2638+0.1823i	0.1366-0.1606i	-0.0286-0.0117i	-0.0137-0.0123i	-0.0092-0.0118i	-0.0535-0.0335i
50.2	-0.0506-0.0043i	0.0515+0.0176i	-0.2575+0.1777i	0.1167-0.2203i	-0.0296-0.0136i	-0.0125-0.0140i	-0.0117-0.0193i	-0.0573-0.0396i
50.3	-0.0541+0.0026i	0.0935+0.0139i	-0.2017+0.2132i	0.1251-0.2031i	-0.0287-0.0137i	-0.0148-0.0123i	-0.0062-0.0168i	-0.0537-0.0337i
50.4	-0.0602+0.0114i	0.0812+0.0234i	-0.2039+0.1983i	0.0932-0.1656i	-0.0317-0.0113i	-0.0180-0.0136i	-0.0115-0.0129i	-0.0634-0.0281i
50.5	-0.0658+0.0245i	0.0718+0.0217i	-0.2252+0.1916i	0.1127-0.1225i	-0.0356-0.0077i	-0.0198-0.0088i	-0.0151-0.0127i	-0.0696-0.0210i
50.6	-0.0797+0.0851i	0.0950+0.0610i	-0.2385+0.2262i	0.1352-0.1085i	-0.0361-0.0032i	-0.0198-0.0052i	-0.0207-0.0032i	-0.0688-0.0081i
50.7	-0.0823+0.0499i	0.0668+0.0231i	-0.2731+0.2019i	0.1408-0.1259i	-0.0407-0.0074i	-0.0240-0.0101i	-0.0199-0.0082i	-0.0768-0.0194i
50.8	-0.0782+0.0525i	0.0724+0.0028i	-0.2780+0.2117i	0.1658-0.1370i	-0.0400-0.0067i	-0.0256-0.0118i	-0.0151-0.0147i	-0.0765-0.0239i
50.9	-0.0672+0.0471i	0.0961+0.0008i	-0.2661+0.2221i	0.1811-0.1235i	-0.0390-0.0054i	-0.0261-0.0132i	-0.0167-0.0164i	-0.0791-0.0186i
51.0	-0.0769+0.0614i	0.0824+0.0034i	-0.2772+0.2120i	0.1737-0.1109i	-0.0430-0.0046i	-0.0329-0.0102i	-0.0256-0.0117i	-0.0905-0.0212i
51.1	-0.0731+0.0365i	0.0822-0.0512i	-0.2863+0.2192i	0.2083-0.1049i	-0.0447+0.0009i	-0.0311-0.0054i	-0.0178-0.0007i	-0.0940-0.0048i
51.2	-0.0942+0.0632i	0.0592-0.0342i	-0.2814+0.2425i	0.2427-0.1490i	-0.0445+0.0043i	-0.0257-0.0006i	-0.0100-0.0112i	-0.0847+0.0116i
51.3	-0.0623+0.0858i	0.0991-0.0024i	-0.2916+0.1981i	0.1837-0.1470i	-0.0441+0.0078i	-0.0268-0.0035i	-0.0254-0.0149i	-0.0835+0.0127i
51.4	-0.0435+0.0518i	0.1222-0.0348i	-0.3308+0.2223i	0.2237-0.1346i	-0.0424+0.0076i	-0.0313-0.0042i	-0.0297-0.0047i	-0.0889+0.0099i
51.5	-0.0479+0.1085i	0.1187-0.0115i	-0.3261+0.2295i	0.2228-0.1392i	-0.0494+0.0123i	-0.0375-0.0009i	-0.0410-0.0012i	-0.0923+0.0112i
51.6	-0.0387+0.1025i	0.1142-0.0169i	-0.3712+0.2293i	0.2860-0.1243i	-0.0531+0.0134i	-0.0384+0.0059i	-0.0409+0.0100i	-0.1037+0.0059i
51.7	-0.0596+0.0876i	0.1022-0.0632i	-0.3809+0.2714i	0.2606-0.1788i	-0.0566+0.0137i	-0.0410+0.0046i	-0.0330+0.0093i	-0.1152+0.0042i
51.8	-0.0612+0.1074i	0.1104-0.0904i	-0.3761+0.2672i	0.2679-0.1642i	-0.0539+0.0244i	-0.0414+0.0137i	-0.0302+0.0179i	-0.1115+0.0299i
51.9	-0.0558+0.1115i	0.0885-0.1037i	-0.3942+0.2371i	0.3224-0.1412i	-0.0522+0.0273i	-0.0412+0.0165i	-0.0292+0.0217i	-0.1028+0.0396i
52.0	-0.0513+0.1298i	0.0927-0.0973i	-0.4458+0.3080i	0.3783-0.2130i	-0.0549+0.0304i	-0.0422+0.0209i	-0.0195+0.0238i	-0.1245+0.0451i
52.1	-0.0490+0.1188i	0.1166-0.1162i	-0.4252+0.3513i	0.3208-0.2451i	-0.0550+0.0338i	-0.0400+0.0222i	-0.0154+0.0109i	-0.1211+0.0683i
52.2	-0.0579+0.1032i	0.1184-0.1202i	-0.4243+0.3773i	0.3262-0.2439i	-0.0578+0.0351i	-0.0416+0.0206i	-0.0357+0.0119i	-0.1119+0.0664i
52.3	-0.0536+0.1469i	0.1196-0.1311i	-0.3983+0.4349i	0.3261-0.2737i	-0.0585+0.0447i	-0.0459+0.0278i	-0.0418+0.0251i	-0.1148+0.0790i
52.4	-0.0420+0.1563i	0.0940-0.1423i	-0.3707+0.4042i	0.3019-0.2542i	-0.0525+0.0499i	-0.0432+0.0338i	-0.0393+0.0377i	-0.0993+0.0845i
52.5	-0.0505+0.1585i	0.1118-0.1516i	-0.4023+0.4460i	0.3299-0.3135i	-0.0580+0.0505i	-0.0477+0.0362i	-0.0422+0.0442i	-0.1119+0.0789i
52.6	-0.0446+0.1936i	0.0814-0.1927i	-0.3355+0.5064i	0.2735-0.3427i	-0.0566+0.0643i	-0.0473+0.0475i	-0.0348+0.0525i	-0.1217+0.1090i
52.7	-0.0075+0.1849i	0.0458-0.1925i	-0.2967+0.4195i	0.2641-0.2720i	-0.0447+0.0734i	-0.0372+0.0529i	-0.0343+0.0536i	-0.0872+0.1247i
52.8	-0.0151+0.1811i	0.0714-0.1885i	-0.4029+0.4106i	0.3628-0.2763i	-0.0445+0.0724i	-0.0373+0.0539i	-0.0352+0.0697i	-0.0871+0.1195i
52.9	-0.0134+0.2255i	0.0606-0.2281i	-0.4102+0.5037i	0.3494-0.3456i	-0.0419+0.0867i	-0.0326+0.0703i	-0.0182+0.0796i	-0.0861+0.1567i
53.0	0.0135+0.2427i	0.0475-0.2302i	-0.3800+0.5272i	0.3273-0.3606i	-0.0354+0.0940i	-0.0258+0.0728i	-0.0245+0.0836i	-0.0559+0.1651i
53.1	0.0252+0.2332i	0.0205-0.2516i	-0.3453+0.5609i	0.2937-0.3974i	-0.0320+0.0978i	-0.0235+0.0750i	-0.0207+0.0983i	-0.0470+0.1569i
53.2	0.0605+0.2240i	-0.0317-0.2440i	-0.2818+0.5769i	0.2222-0.4104i	-0.0195+0.1053i	-0.0111+0.0821i	-0.0007+0.1110i	-0.0322+0.1587i
53.3	0.0982+0.2381i	-0.0550-0.2630i	-0.2009+0.5772i	0.1757-0.3580i	-0.0010+0.1145i	0.0012+0.0901i	0.0224+0.1208i	-0.0134+0.1741i
53.4	0.1389+0.2329i	-0.0910-0.2411i	-0.1847+0.5227i	0.1832-0.3140i	0.0285+0.1147i	0.0292+0.0916i	0.0685+0.1073i	0.0209+0.1906i
53.5	0.1610+0.1897i	-0.1321-0.2153i	-0.2103+0.4871i	0.2076-0.2874i	0.0417+0.0958i	0.0373+0.0679i	0.0670+0.0817i	0.0551+0.1528i
53.6	0.1461+0.1726i	-0.1047-0.1816i	-0.2648+0.4624i	0.2570-0.2988i	0.0338+0.0849i	0.0319+0.0570i	0.0564+0.0882i	0.0426+0.1099i
53.7	0.1486+0.1651i	-0.1195-0.1699i	-0.2615+0.4731i	0.2710-0.3257i	0.0349+0.0831i	0.0337+0.0575i	0.0709+0.0948i	0.0330+0.1006i
53.8	0.1665+0.1512i	-0.1514-0.1617i	-0.2842+0.5069i	0.2873-0.3454i	0.0419+0.0823i	0.0380+0.0586i	0.0951+0.0908i	0.0272+0.1055i
53.9	0.1696+0.1498i	-0.1447-0.1628i	-0.3131+0.5400i	0.3060-0.3457i	0.0440+0.0795i	0.0379+0.0574i	0.1061+0.0806i	0.0286+0.1067i
54.0	0.1806+0.1374i	-0.1495-0.1712i	-0.3502+0.6196i	0.3185-0.4050i	0.0507+0.0803i	0.0483+0.0555i	0.1248+0.0691i	0.0430+0.1146i
54.1	0.1776+0.1181i	-0.1756-0.1659i	-0.2758+0.6606i	0.2675-0.4441i	0.0619+0.0770i	0.0534+0.0477i	0.1275+0.0572i	0.0526+0.1109i
54.2	0.1827+0.1179i	-0.1702-0.1499i	-0.2760+0.5741i	0.2813-0.4221i	0.0632+0.0731i	0.0547+0.0472i	0.1360+0.0591i	0.0463+0.1010i
54.3	0.1955+0.1102i	-0.2171-0.1296i	-0.2818+0.6594i	0.2826-0.4917i	0.0771+0.0737i	0.0686+0.0445i	0.1701+0.0423i	0.0505+0.1075i
54.4	0.2328+0.0842i	-0.2413-0.0919i	-0.1715+0.7510i	0.2067-0.5109i	0.0937+0.0591i	0.0783+0.0255i	0.1867-0.0014i	0.0738+0.0950i
54.5	0.2297+0.0603i	-0.2307-0.0596i	-0.0805+0.7614i	0.1444-0.4998i	0.0971+0.0365i	0.0767+0.0086i	0.1755-0.0463i	0.0851+0.0811i
54.6	0.2218+0.0092i	-0.2279-0.0340i	0.0255+0.6745i	0.1061-0.4497i	0.0862+0.0176i	0.0652-0.0053i	0.1426-0.0758i	0.0815+0.0552i
54.7	0.2030+0.0007i	-0.2056-0.0032i	-0.0416+0.5496i	0.1600-0.3671i	0.0764+0.0105i	0.0550-0.0060i	0.1219-0.0662i	0.0627+0.0485i
54.8	0.1941+0.0211i	-0.1794-0.0235i	-0.1461+0.6195i	0.2128-0.4335i	0.0723+0.0108i	0.0562-0.0037i	0.1271-0.0635i	0.0558+0.0568i
54.9	0.2102+0.0173i	-0.1969+0.0064i	-0.0444+0.7282i	0.1359-0.5323i	0.0760+0.0002i	0.0605-0.0184i	0.1239-0.0996i	0.0594+0.0514i
55.0	0.1710-0.0081i	-0.1837+0.0510i	0.0971+0.7196i	0.0164-0.4976i	0.0619-0.0124i	0.0448-0.0306i	0.0821-0.1251i	0.0573+0.0343i
55.1	0.1528-0.0250i	-0.1722+0.0577i	0.1010+0.6587i	0.0111-0.4324i	0.0513-0.0109i	0.0355-0.0260i	0.0641-0.1158i	0.0494+0.0351i
55.2	0.1590-0.0040i	-0.1476+0.0469i	0.1372+0.5720i	-0.0259-0.3844i	0.0404-0.0058i	0.0285-0.0183i	0.0421-0.0946i	0.0424+0.0353i
55.3	0.1607-0.0137i	-0.1227+0.0549i	0.1709+0.5211i	-0.0329-0.3167i	0.0380-0.0109i	0.0226-0.0214i	0.0297-0.0935i	0.0436+0.0285i
55.4	0.1550-0.0076i	-0.1165+0.0513i	0.1493+0.4585i	-0.0064-0.2764i	0.0345-0.0088i	0.0182-0.0169i	0.0199-0.0809i	0.0372+0.0246i
55.5	0.1383-0.0133i	-0.1181+0.0211i	0.0825+0.4152i	0.0412-0.2676i	0.0367-0.0034i	0.0209-0.0138i	0.0308-0.0685i	0.0381+0.0216i
55.6	0.1349+0.0076i	-0.1050+0.0249i	0.0816+0.4542i	0.0669-0.2918i	0.0376-0.0006i	0.0229-0.0183i	0.0440-0.0769i	0.0328+0.0278i
55.7	0.1143-0.0048i	-0.0977+0.0296i	0.1279+0.4184i	0.0121-0.2588i	0.0303-0.0010i	0.0174-0.0195i	0.0236-0.0792i	0.0238+0.0296i
55.8	0.1214-0.0141i	-0.1139+0.0173i	0.1475+0.3869i	0.0207-0.2301i	0.0289-0.0053i	0.0137-0.0165i	0.0154-0.0783i	0.0276+0.0310i
55.9	0.1355-0.0065i	-0.0897+0.0252i	0.1259+0.3406i	0.0523-0.1766i	0.0267-0.0062i	0.0090-0.0181i	0.0081-0.0748i	0.0284+0.0307i
56.0	0.1267+0.0016i	-0.0833+0.0160i	0.0501+0.2918i	0.1161-0.1467i	0.0249-0.0003i	0.0083-0.0130i	0.0074-0.0589i	0.0272+0.0283i

56.1	0.1254−0.0015i	−0.0884+0.0164i	0.0017+0.3666i	0.1509−0.2151i	0.0269−0.0023i	0.0095−0.0157i	0.0161−0.0635i	0.0184+0.0199i
56.2	0.1341−0.0337i	−0.0859+0.0221i	0.0720+0.3760i	0.0923−0.2235i	0.0263−0.0111i	0.0060−0.0214i	0.0104−0.0778i	0.0186+0.0225i
56.3	0.1486−0.0452i	−0.0963+0.0227i	0.0888+0.3270i	0.1050−0.1622i	0.0257−0.0093i	0.0035−0.0199i	−0.0004−0.0767i	0.0171+0.0210i
56.4	0.1303−0.0488i	−0.1047+0.0181i	0.1010+0.3105i	0.1093−0.1654i	0.0245−0.0085i	0.0013−0.0190i	−0.0058−0.0723i	0.0126+0.0182i
56.5	0.1272−0.0405i	−0.0908+0.0269i	0.0879+0.2776i	0.1133−0.1568i	0.0181−0.0077i	−0.0051−0.0144i	−0.0094−0.0669i	0.0068+0.0227i
56.6	0.1300−0.0221i	−0.0653+0.0034i	0.0680+0.2605i	0.1539−0.1572i	0.0185−0.0048i	−0.0038−0.0148i	−0.0104−0.0613i	0.0142+0.0285i
56.7	0.1261−0.0115i	−0.0516−0.0098i	0.0523+0.2420i	0.1754−0.1529i	0.0190−0.0003i	−0.0042−0.0106i	−0.0082−0.0550i	0.0163+0.0314i
56.8	0.1103−0.0144i	−0.0736+0.0136i	0.0306+0.2270i	0.1854−0.1356i	0.0187−0.0036i	−0.0033−0.0095i	−0.0076−0.0555i	0.0180+0.0288i
56.9	0.1161−0.0329i	−0.0682+0.0181i	0.0330+0.2021i	0.2141−0.1209i	0.0151−0.0055i	−0.0050−0.0092i	−0.0135−0.0528i	0.0097+0.0280i
57.0	0.1169−0.0429i	−0.0747−0.0039i	0.0059+0.1856i	0.2538−0.1302i	0.0169−0.0041i	−0.0060−0.0064i	−0.0111−0.0478i	0.0068+0.0289i
57.1	0.1037−0.0228i	−0.1055−0.0091i	−0.0643+0.1649i	0.2980−0.1117i	0.0196−0.0022i	−0.0038−0.0073i	−0.0081−0.0388i	0.0174+0.0318i
57.2	0.1415−0.0168i	−0.0966−0.0168i	−0.1173+0.2136i	0.3237−0.1569i	0.0207+0.0007i	−0.0007−0.0066i	−0.0001−0.0392i	0.0080+0.0310i
57.3	0.1590−0.0336i	−0.0836−0.0054i	−0.0717+0.2666i	0.2957−0.1758i	0.0216−0.0029i	−0.0031−0.0088i	−0.0005−0.0510i	0.0023+0.0309i
57.4	0.1480−0.0065i	−0.0715−0.0076i	−0.0550+0.2634i	0.2642−0.1824i	0.0188−0.0032i	−0.0068−0.0077i	−0.0076−0.0556i	0.0031+0.0381i
57.5	0.1161+0.0090i	−0.0726+0.0299i	−0.0663+0.2267i	0.2913−0.2060i	0.0187−0.0016i	−0.0036−0.0056i	−0.0113−0.0531i	0.0056+0.0370i
57.6	0.1230−0.0155i	−0.0734+0.0222i	−0.0535+0.2261i	0.3020−0.1712i	0.0215−0.0042i	−0.0051−0.0031i	−0.0120−0.0534i	0.0080+0.0304i
57.7	0.1388−0.0180i	−0.0735+0.0302i	−0.0546+0.2063i	0.3051−0.1438i	0.0217−0.0043i	−0.0069−0.0044i	−0.0102−0.0489i	0.0126+0.0274i
57.8	0.1370−0.0321i	−0.0787+0.0305i	−0.0668+0.2054i	0.3223−0.1472i	0.0180−0.0054i	−0.0056−0.0030i	−0.0149−0.0439i	0.0153+0.0327i
57.9	0.1475−0.0295i	−0.0931+0.0136i	−0.1062+0.1857i	0.3481−0.1827i	0.0172−0.0056i	−0.0074−0.0044i	−0.0161−0.0411i	0.0166+0.0336i
58.0	0.1358−0.0334i	−0.0788+0.0174i	−0.1115+0.1886i	0.3651−0.1696i	0.0174−0.0080i	−0.0066−0.0081i	−0.0163−0.0444i	0.0110+0.0286i
58.1	0.1131−0.0374i	−0.0657+0.0117i	−0.1260+0.1810i	0.3710−0.1686i	0.0173−0.0099i	−0.0063−0.0077i	−0.0171−0.0474i	0.0057+0.0242i
58.2	0.1415−0.0592i	−0.0847+0.0213i	−0.1434+0.1765i	0.3732−0.2038i	0.0199−0.0045i	−0.0079−0.0047i	−0.0168−0.0459i	0.0165+0.0211i
58.3	0.1577−0.0615i	−0.0906+0.0219i	−0.1515+0.1627i	0.3908−0.1958i	0.0193−0.0078i	−0.0092−0.0042i	−0.0216−0.0385i	0.0243+0.0183i
58.4	0.1746−0.0890i	−0.0750+0.0537i	−0.1894+0.1488i	0.4087−0.2019i	0.0136−0.0121i	−0.0092−0.0065i	−0.0203−0.0355i	0.0159+0.0163i
58.5	0.1675−0.0542i	−0.0840+0.0452i	−0.2037+0.1777i	0.4419−0.2002i	0.0161−0.0122i	−0.0086−0.0052i	−0.0120−0.0388i	0.0072+0.0170i
58.6	0.1746−0.0200i	−0.0960+0.0254i	−0.1785+0.1993i	0.4217−0.2276i	0.0147−0.0123i	−0.0092−0.0055i	−0.0164−0.0422i	−0.0017+0.0146i
58.7	0.1778−0.0809i	−0.0931+0.0353i	−0.1867+0.1811i	0.3988−0.2332i	0.0109−0.0121i	−0.0105−0.0003i	−0.0228−0.0364i	−0.0027+0.0229i
58.8	0.1571−0.1091i	−0.0972+0.0460i	−0.2091+0.1688i	0.4086−0.2262i	0.0104−0.0113i	−0.0114−0.0009i	−0.0214−0.0368i	−0.0004+0.0257i
58.9	0.1578−0.0720i	−0.0709+0.0526i	−0.2159+0.1691i	0.4438−0.2165i	0.0126−0.0127i	−0.0095−0.0032i	−0.0162−0.0360i	0.0049+0.0143i
59.0	0.1906−0.0697i	−0.0531+0.0556i	−0.2258+0.1836i	0.4604−0.2154i	0.0086−0.0140i	−0.0131−0.0061i	−0.0189−0.0335i	−0.0035+0.0017i
59.1	0.1832−0.0867i	−0.0779+0.0495i	−0.2100+0.1677i	0.4922−0.2140i	0.0052−0.0122i	−0.0136−0.0008i	−0.0206−0.0271i	−0.0066+0.0098i
59.2	0.1835−0.0710i	−0.0982+0.0721i	−0.2733+0.1711i	0.5101−0.2336i	0.0095−0.0081i	−0.0098+0.0015i	−0.0173−0.0234i	−0.0080+0.0196i
59.3	0.1710−0.1001i	−0.0952+0.0648i	−0.2823+0.1843i	0.5035−0.2266i	0.0050−0.0121i	−0.0156−0.0022i	−0.0195−0.0286i	−0.0124+0.0214i
59.4	0.1487−0.1098i	−0.0844+0.0612i	−0.2705+0.1556i	0.5214−0.2555i	0.0039−0.0114i	−0.0174−0.0032i	−0.0192−0.0293i	−0.0176+0.0163i
59.5	0.1452−0.1070i	−0.0768+0.0657i	−0.3115+0.1869i	0.5222−0.2637i	0.0025−0.0100i	−0.0194+0.0036i	−0.0207−0.0285i	−0.0259+0.0135i
59.6	0.1618−0.1127i	−0.0754+0.0692i	−0.3482+0.2033i	0.5179−0.2772i	0.0031−0.0090i	−0.0167+0.0073i	−0.0160−0.0245i	−0.0255+0.0241i
59.7	0.1683−0.1051i	−0.0738+0.0696i	−0.3451+0.2103i	0.5355−0.2820i	0.0024−0.0049i	−0.0161+0.0086i	−0.0187−0.0214i	−0.0295+0.0322i
59.8	0.1619−0.1167i	−0.0612+0.0824i	−0.3422+0.2250i	0.5355−0.2915i	0.0002−0.0085i	−0.0189+0.0029i	−0.0170−0.0293i	−0.0306+0.0238i
59.9	0.2312−0.4276i	0.0085−0.2941i	−0.5328+0.0798i	0.4672−0.3281i	−0.0175−0.0202i	−0.0339−0.0052i	−0.0285−0.0444i	−0.0586−0.0063i
60.0	−0.3004−0.5955i	−0.6911−0.4217i	−0.7868+0.3728i	0.4288−0.1718i	−0.0337+0.0088i	−0.0453+0.0255i	−0.0525−0.0198i	−0.1190+0.0504i
60.1	−0.1488−0.3337i	−0.4681−0.1141i	−0.5752+0.3615i	0.5473−0.2245i	−0.0199+0.0067i	−0.0326+0.0223i	−0.0349−0.0145i	−0.0812+0.0555i
60.2	0.1639−0.1442i	−0.0734+0.0323i	−0.4183+0.2005i	0.6191−0.3443i	−0.0056−0.0085i	−0.0252+0.0040i	−0.0156−0.0250i	−0.0456+0.0324i
60.3	0.1610−0.1310i	−0.0591+0.0663i	−0.4138+0.1919i	0.6445−0.3731i	−0.0071−0.0088i	−0.0242+0.0046i	−0.0196−0.0273i	−0.0480+0.0384i
60.4	0.1461−0.1496i	−0.0700+0.0923i	−0.4348+0.2278i	0.6729−0.3936i	−0.0074−0.0108i	−0.0273+0.0079i	−0.0204−0.0264i	−0.0503+0.0390i
60.5	0.1450−0.1521i	−0.0575+0.0733i	−0.4354+0.2264i	0.6979−0.4086i	−0.0072−0.0103i	−0.0285+0.0087i	−0.0192−0.0297i	−0.0449+0.0277i
60.6	0.1274−0.1758i	−0.0505+0.0518i	−0.4624+0.2704i	0.7040−0.4154i	−0.0118−0.0077i	−0.0286+0.0083i	−0.0204−0.0295i	−0.0519+0.0364i
60.7	0.1343−0.1933i	−0.0295+0.0294i	−0.4948+0.2911i	0.6875−0.4407i	−0.0126−0.0068i	−0.0261+0.0072i	−0.0241−0.0264i	−0.0550+0.0504i
60.8	0.1497−0.1740i	−0.0452+0.1005i	−0.5337+0.2586i	0.7424−0.3997i	−0.0183−0.0091i	−0.0266+0.0077i	−0.0269−0.0250i	−0.0633+0.0561i
60.9	0.1593−0.1866i	−0.0340+0.1089i	−0.5384+0.2741i	0.7554−0.4307i	−0.0214−0.0043i	−0.0291+0.0097i	−0.0235−0.0269i	−0.0632+0.0570i
61.0	0.1491−0.1948i	−0.0475+0.0927i	−0.5586+0.2937i	0.7427−0.4732i	−0.0165−0.0005i	−0.0281+0.0167i	−0.0211−0.0231i	−0.0618+0.0613i
61.1	0.1256−0.2104i	−0.0434+0.0668i	−0.5633+0.2918i	0.7396−0.4954i	−0.0154+0.0005i	−0.0274+0.0205i	−0.0238−0.0218i	−0.0585+0.0701i
61.2	0.1271−0.1971i	−0.0128+0.0703i	−0.5719+0.2907i	0.7285−0.5135i	−0.0203+0.0019i	−0.0277+0.0226i	−0.0264−0.0240i	−0.0628+0.0730i
61.3	0.1321−0.2104i	−0.0130+0.0982i	−0.5766+0.3290i	0.7572−0.5289i	−0.0202+0.0043i	−0.0254+0.0233i	−0.0253−0.0190i	−0.0708+0.0782i
61.4	0.1384−0.2384i	−0.0422+0.1063i	−0.5882+0.3359i	0.7872−0.5710i	−0.0189+0.0069i	−0.0294+0.0257i	−0.0273−0.0142i	−0.0660+0.0852i
61.5	0.1444−0.2397i	−0.0315+0.0623i	−0.6393+0.3705i	0.7889−0.6083i	−0.0223+0.0084i	−0.0283+0.0278i	−0.0238−0.0115i	−0.0591+0.0880i
61.6	0.1281−0.2590i	−0.0114+0.0481i	−0.6765+0.3958i	0.8246−0.6381i	−0.0288+0.0137i	−0.0345+0.0354i	−0.0262−0.0139i	−0.0723+0.1056i
61.7	0.1275−0.2406i	0.0090+0.0892i	−0.6736+0.4042i	0.8555−0.6554i	−0.0287+0.0145i	−0.0409+0.0357i	−0.0254−0.0149i	−0.0841+0.1132i
61.8	0.1141−0.2483i	0.0272+0.0858i	−0.6866+0.4253i	0.8589−0.6850i	−0.0237+0.0207i	−0.0401+0.0362i	−0.0269−0.0123i	−0.0807+0.1246i
61.9	0.1072−0.2587i	0.0545+0.0644i	−0.7241+0.4642i	0.8619−0.7146i	−0.0230+0.0222i	−0.0312+0.0434i	−0.0181−0.0114i	−0.0737+0.1214i
62.0	0.1079−0.2649i	0.0285+0.0673i	−0.7169+0.4804i	0.8692−0.7455i	−0.0240+0.0251i	−0.0257+0.0451i	−0.0180−0.0070i	−0.0681+0.1344i
62.1	0.0984−0.2604i	−0.0103+0.0852i	−0.7350+0.5084i	0.8527−0.7857i	−0.0241+0.0284i	−0.0226+0.0465i	−0.0137−0.0066i	−0.0522+0.1418i
62.2	0.1100−0.3012i	−0.0208+0.0847i	−0.7144+0.5493i	0.8701−0.8245i	−0.0192+0.0280i	−0.0205+0.0470i	−0.0113−0.0125i	−0.0415+0.1473i
62.3	0.1120−0.3007i	−0.0059+0.0541i	−0.7344+0.5788i	0.8760−0.8476i	−0.0174+0.0271i	−0.0197+0.0489i	−0.0133−0.0177i	−0.0451+0.1526i

62.4	0.0897-0.3016i	0.0403+0.0376i	-0.7542+0.6117i	0.8818-0.8994i	-0.0166+0.0294i	-0.0148+0.0515i	-0.0080-0.0143i	-0.0378+0.1529i
62.5	0.0886-0.2960i	0.0108+0.0378i	-0.7643+0.6583i	0.8815-0.9694i	-0.0142+0.0329i	-0.0119+0.0549i	-0.0054-0.0140i	-0.0282+0.1577i
62.6	0.0797-0.2879i	0.0213+0.0395i	-0.7840+0.6768i	0.9021-0.9838i	-0.0127+0.0336i	-0.0119+0.0532i	-0.0048-0.0176i	-0.0289+0.1622i
62.7	0.0741-0.3099i	0.0281+0.0608i	-0.7908+0.7398i	0.8920-1.0333i	-0.0124+0.0331i	-0.0097+0.0547i	-0.0091-0.0202i	-0.0168+0.1784i
62.8	0.0568-0.2961i	0.0210+0.0264i	-0.8116+0.7763i	0.8673-1.0780i	-0.0115+0.0374i	-0.0044+0.0588i	-0.0113-0.0197i	-0.0031+0.1833i
62.9	0.0495-0.3212i	0.0333+0.0295i	-0.7989+0.7987i	0.8348-1.1119i	-0.0069+0.0395i	0.0017+0.0591i	-0.0089-0.0182i	0.0096+0.1829i
63.0	0.0272-0.3387i	0.0556+0.0234i	-0.7981+0.8507i	0.8446-1.1676i	-0.0047+0.0404i	0.0063+0.0589i	-0.0071-0.0211i	0.0144+0.1850i
63.1	0.0108-0.3599i	0.0348+0.0121i	-0.7931+0.8680i	0.8486-1.2213i	-0.0021+0.0438i	0.0075+0.0608i	-0.0024-0.0164i	0.0266+0.1902i
63.2	-0.0040-0.3606i	0.0090+0.0080i	-0.8038+0.8991i	0.8113-1.2708i	0.0034+0.0427i	0.0124+0.0599i	-0.0003-0.0206i	0.0431+0.1828i
63.3	-0.0003-0.3469i	-0.0034+0.0001i	-0.7986+0.9518i	0.7952-1.2998i	0.0090+0.0432i	0.0160+0.0574i	-0.0055-0.0241i	0.0524+0.1809i
63.4	-0.0088-0.3383i	-0.0115-0.0109i	-0.7771+1.0031i	0.7910-1.3329i	0.0112+0.0383i	0.0160+0.0550i	-0.0071-0.0277i	0.0515+0.1825i
63.5	-0.0079-0.3212i	0.0217-0.0018i	-0.7422+1.0603i	0.7440-1.4111i	0.0142+0.0368i	0.0196+0.0508i	-0.0074-0.0264i	0.0630+0.1774i
63.6	-0.0232-0.3463i	0.0099-0.0042i	-0.7383+1.0999i	0.7422-1.4789i	0.0141+0.0365i	0.0194+0.0474i	-0.0073-0.0299i	0.0681+0.1676i
63.7	-0.0314-0.3704i	-0.0195-0.0227i	-0.7621+1.1401i	0.6836-1.5226i	0.0122+0.0374i	0.0237+0.0460i	-0.0120-0.0265i	0.0794+0.1627i
63.8	-0.0603-0.3770i	-0.0443-0.0134i	-0.6823+1.1956i	0.6240-1.5327i	0.0198+0.0351i	0.0295+0.0420i	-0.0117-0.0232i	0.0964+0.1457i
63.9	-0.0797-0.3767i	-0.0197+0.0138i	-0.6324+1.2369i	0.5875-1.5736i	0.0243+0.0310i	0.0289+0.0397i	-0.0093-0.0252i	0.0926+0.1308i
64.0	-0.0920-0.3590i	-0.0100-0.0226i	-0.6212+1.2472i	0.5523-1.6193i	0.0234+0.0256i	0.0268+0.0347i	-0.0071-0.0309i	0.0865+0.1092i
64.1	-0.0892-0.3459i	-0.0490-0.0453i	-0.5715+1.3079i	0.4924-1.6403i	0.0225+0.0270i	0.0284+0.0336i	-0.0063-0.0268i	0.0896+0.1072i
64.2	-0.1045-0.3572i	-0.0490-0.0376i	-0.5356+1.3648i	0.4215-1.7102i	0.0235+0.0246i	0.0279+0.0312i	-0.0074-0.0209i	0.0872+0.1072i
64.3	-0.1465-0.3432i	-0.0415+0.0052i	-0.4827+1.3731i	0.3741-1.7304i	0.0289+0.0152i	0.0256+0.0273i	-0.0039-0.0279i	0.0866+0.0917i
64.4	-0.1716-0.3525i	-0.0481-0.0027i	-0.4678+1.3857i	0.2924-1.7405i	0.0278+0.0160i	0.0258+0.0220i	0.0012-0.0339i	0.0778+0.0815i
64.5	-0.1627-0.3534i	-0.0441-0.0154i	-0.4362+1.4289i	0.2610-1.7636i	0.0200+0.0118i	0.0223+0.0140i	0.0018-0.0392i	0.0653+0.0692i
64.6	-0.1757-0.3441i	-0.0843-0.0012i	-0.3434+1.4627i	0.1951-1.7620i	0.0192+0.0076i	0.0226+0.0104i	0.0014-0.0450i	0.0589+0.0652i
64.7	-0.1474-0.3249i	-0.1003+0.0084i	-0.3422+1.4518i	0.1319-1.7630i	0.0178+0.0040i	0.0139+0.0087i	-0.0036-0.0519i	0.0439+0.0699i
64.8	-0.1731-0.2940i	-0.0777-0.0000i	-0.3234+1.4778i	0.0949-1.7785i	0.0086+0.0024i	0.0091+0.0084i	-0.0052-0.0637i	0.0258+0.0676i
64.9	-0.1791-0.2977i	-0.0795+0.0294i	-0.2681+1.4983i	-0.0061-1.7467i	0.0053-0.0001i	0.0002+0.0075i	-0.0042-0.0695i	0.0268+0.0737i
65.0	-0.1780-0.3348i	-0.1228+0.0317i	-0.2008+1.5158i	-0.0728-1.7726i	0.0044+0.0050i	0.0019+0.0114i	-0.0026-0.0672i	0.0169+0.0855i
65.1	-0.1953-0.3499i	-0.1519+0.0085i	-0.1334+1.5213i	-0.1376-1.7945i	0.0034+0.0034i	0.0039+0.0056i	-0.0090-0.0822i	-0.0118+0.1008i
65.2	-0.1942-0.3048i	-0.1194+0.0283i	-0.0565+1.4619i	-0.1600-1.7834i	-0.0008-0.0002i	-0.0022+0.0042i	-0.0163-0.0961i	-0.0190+0.1108i
65.3	-0.2222-0.3085i	-0.1064+0.0480i	-0.0022+1.4780i	-0.1888-1.7654i	-0.0045+0.0025i	-0.0087+0.0094i	-0.0282-0.0974i	-0.0289+0.1301i
65.4	-0.2204-0.3378i	-0.1517+0.0610i	0.0847+1.4880i	-0.2894-1.7319i	-0.0131+0.0096i	-0.0089+0.0203i	-0.0385-0.1007i	-0.0269+0.1415i
65.5	-0.2160-0.2922i	-0.1743+0.0812i	0.1149+1.5058i	-0.3582-1.7005i	-0.0203+0.0157i	-0.0157+0.0259i	-0.0509-0.0976i	-0.0217+0.1564i
65.6	-0.2181-0.2814i	-0.1659+0.1187i	0.1321+1.4873i	-0.3960-1.6696i	-0.0245+0.0215i	-0.0182+0.0310i	-0.0636-0.0937i	-0.0162+0.1772i
65.7	-0.2138-0.2860i	-0.1607+0.1298i	0.1716+1.4508i	-0.4313-1.6447i	-0.0283+0.0268i	-0.0190+0.0350i	-0.0819-0.0935i	-0.0113+0.1928i
65.8	-0.2247-0.2974i	-0.1651+0.1504i	0.1848+1.4483i	-0.4602-1.6230i	-0.0271+0.0308i	-0.0253+0.0330i	-0.1001-0.0909i	-0.0036+0.2135i
65.9	-0.2314-0.2966i	-0.1301+0.1530i	0.2224+1.4558i	-0.4925-1.6338i	-0.0290+0.0393i	-0.0275+0.0428i	-0.1067-0.0849i	0.0059+0.2229i
66.0	-0.2382-0.3041i	-0.0744+0.1796i	0.2705+1.4238i	-0.5395-1.5890i	-0.0319+0.0425i	-0.0327+0.0554i	-0.1261-0.0685i	0.0212+0.2388i
66.1	-0.2821-0.2830i	-0.0714+0.1876i	0.2935+1.3752i	-0.6157-1.5438i	-0.0326+0.0413i	-0.0311+0.0541i	-0.1388-0.0657i	0.0365+0.2360i
66.2	-0.2919-0.2976i	-0.0610+0.2062i	0.3403+1.3672i	-0.6494-1.5189i	-0.0314+0.0502i	-0.0281+0.0620i	-0.1479-0.0481i	0.0557+0.2410i
66.3	-0.3032-0.2842i	-0.0382+0.2627i	0.3809+1.3497i	-0.6885-1.4888i	-0.0284+0.0593i	-0.0299+0.0690i	-0.1605-0.0254i	0.0642+0.2468i
66.4	-0.3177-0.2905i	-0.0537+0.2466i	0.3778+1.3101i	-0.7019-1.4292i	-0.0279+0.0639i	-0.0333+0.0696i	-0.1620-0.0074i	0.0745+0.2451i
66.5	-0.3635-0.2822i	-0.0456+0.2254i	0.3764+1.3087i	-0.6894-1.4059i	-0.0254+0.0731i	-0.0216+0.0776i	-0.1596+0.0102i	0.0893+0.2392i
66.6	-0.3596-0.2509i	-0.0182+0.2401i	0.3859+1.2635i	-0.7434-1.3494i	-0.0193+0.0838i	-0.0108+0.0888i	-0.1540+0.0321i	0.1076+0.2513i
66.7	-0.3906-0.2676i	-0.0032+0.2201i	0.4325+1.2438i	-0.7904-1.3334i	-0.0105+0.0952i	-0.0034+0.1006i	-0.1470+0.0612i	0.1309+0.2644i
66.8	-0.4027-0.2380i	0.0167+0.2080i	0.4618+1.2254i	-0.7716-1.2603i	-0.0026+0.1018i	0.0069+0.1044i	-0.1323+0.0760i	0.1422+0.2691i
66.9	-0.3810-0.2073i	0.0093+0.2069i	0.4840+1.1742i	-0.7965-1.1983i	0.0021+0.1017i	0.0122+0.1050i	-0.1171+0.0865i	0.1535+0.2598i
67.0	-0.3662-0.1992i	0.0228+0.2253i	0.5151+1.1710i	-0.8383-1.2282i	0.0077+0.0994i	0.0195+0.1018i	-0.1137+0.0898i	0.1614+0.2456i
67.1	-0.4075-0.2164i	0.0753+0.2475i	0.5214+1.1485i	-0.8345-1.2096i	0.0209+0.1063i	0.0291+0.1032i	-0.0995+0.0979i	0.1735+0.2428i
67.2	-0.4044-0.2134i	0.0745+0.2188i	0.4876+1.0723i	-0.8219-1.1489i	0.0303+0.1055i	0.0328+0.1067i	-0.0860+0.1106i	0.1934+0.2414i
67.3	-0.4196-0.2027i	0.0718+0.1872i	0.5063+1.0539i	-0.8274-1.1167i	0.0369+0.1034i	0.0405+0.1103i	-0.0769+0.1187i	0.2063+0.2300i
67.4	-0.4289-0.1671i	0.0919+0.1761i	0.5377+1.0416i	-0.8137-1.0657i	0.0443+0.0997i	0.0517+0.0991i	-0.0659+0.1216i	0.2283+0.2040i
67.5	-0.4606-0.1558i	0.0907+0.2106i	0.5189+1.0447i	-0.7828-1.0392i	0.0541+0.0998i	0.0584+0.0986i	-0.0484+0.1322i	0.2412+0.2004i
67.6	-0.4772-0.1171i	0.1073+0.2536i	0.5372+1.0327i	-0.7897-1.0250i	0.0630+0.1054i	0.0664+0.1017i	-0.0226+0.1439i	0.2364+0.1916i
67.7	-0.4520-0.1333i	0.1308+0.2050i	0.5484+1.0218i	-0.8146-1.0138i	0.0730+0.0993i	0.0756+0.0959i	0.0013+0.1389i	0.2350+0.1716i
67.8	-0.4376-0.1148i	0.1311+0.2028i	0.5479+1.0000i	-0.8291-0.9791i	0.0765+0.0928i	0.0760+0.0925i	0.0189+0.1363i	0.2370+0.1665i
67.9	-0.4437-0.0871i	0.1211+0.1937i	0.5677+1.0093i	-0.8460-0.9441i	0.0802+0.0847i	0.0852+0.0870i	0.0297+0.1287i	0.2434+0.1601i
68.0	-0.4323-0.0620i	0.1509+0.1527i	0.5643+1.0095i	-0.8501-0.9261i	0.0823+0.0807i	0.0895+0.0812i	0.0449+0.1128i	0.2449+0.1540i
68.1	-0.4517-0.0315i	0.1737+0.1522i	0.5677+0.9684i	-0.8575-0.9033i	0.0863+0.0796i	0.0929+0.0755i	0.0572+0.0983i	0.2489+0.1487i
68.2	-0.4810-0.0171i	0.1935+0.1832i	0.5790+0.9207i	-0.8206-0.8822i	0.0892+0.0807i	0.0923+0.0748i	0.0631+0.0935i	0.2548+0.1462i
68.3	-0.4575+0.0066i	0.1880+0.1561i	0.5849+0.8937i	-0.8146-0.8509i	0.0926+0.0691i	0.0963+0.0669i	0.0691+0.0786i	0.2470+0.1321i
68.4	-0.4412+0.0147i	0.2150+0.1501i	0.5581+0.9010i	-0.8238-0.8337i	0.1033+0.0629i	0.1033+0.0591i	0.0723+0.0677i	0.2468+0.1178i
68.5	-0.4214+0.0014i	0.2072+0.1550i	0.5840+0.9108i	-0.8383-0.8350i	0.1022+0.0597i	0.1020+0.0562i	0.0821+0.0654i	0.2487+0.1209i
68.6	-0.4298+0.0298i	0.1791+0.1562i	0.5783+0.9226i	-0.8640-0.7963i	0.1025+0.0523i	0.1033+0.0476i	0.0884+0.0504i	0.2518+0.1060i

68.7	-0.4426+0.0414i	0.1578+0.1608i	0.5868+0.8943i	-0.8631-0.7756i	0.1051+0.0454i	0.1076+0.0425i	0.0922+0.0302i	0.2543+0.0945i
68.8	-0.4448+0.0437i	0.1845+0.1360i	0.5846+0.8738i	-0.8507-0.7557i	0.1031+0.0389i	0.1073+0.0369i	0.0945+0.0167i	0.2505+0.1000i
68.9	-0.4436+0.0678i	0.1743+0.1184i	0.5869+0.8623i	-0.8427-0.7360i	0.1019+0.0348i	0.1040+0.0329i	0.0882+0.0104i	0.2442+0.1013i
69.0	-0.4238+0.0717i	0.1734+0.0691i	0.6053+0.8553i	-0.8525-0.7227i	0.1039+0.0296i	0.1083+0.0262i	0.0889-0.0066i	0.2422+0.1004i
69.1	-0.4245+0.0869i	0.1846+0.0768i	0.6312+0.8438i	-0.8263-0.6698i	0.1059+0.0235i	0.1057+0.0201i	0.0941-0.0186i	0.2517+0.0869i
69.2	-0.4347+0.1001i	0.1956+0.0916i	0.6220+0.8256i	-0.8313-0.6465i	0.1004+0.0210i	0.1029+0.0180i	0.0970-0.0237i	0.2489+0.0801i
69.3	-0.4188+0.1334i	0.1784+0.0923i	0.6115+0.8059i	-0.8225-0.6715i	0.1010+0.0176i	0.1010+0.0142i	0.0878-0.0357i	0.2393+0.0833i
69.4	-0.4099+0.1417i	0.1746+0.0674i	0.6247+0.8069i	-0.8179-0.6559i	0.0986+0.0157i	0.1006+0.0109i	0.0807-0.0488i	0.2346+0.0865i
69.5	-0.3815+0.1260i	0.1941+0.0692i	0.6471+0.7914i	-0.8284-0.6333i	0.0957+0.0122i	0.0982+0.0072i	0.0736-0.0600i	0.2336+0.0800i
69.6	-0.3936+0.1269i	0.2030+0.0494i	0.6803+0.7540i	-0.8352-0.6180i	0.0981+0.0033i	0.0958+0.0035i	0.0655-0.0706i	0.2406+0.0769i
69.7	-0.3637+0.1459i	0.2068+0.0373i	0.6522+0.7273i	-0.8108-0.6025i	0.0934-0.0000i	0.0950+0.0042i	0.0593-0.0794i	0.2450+0.0834i
69.8	-0.3224+0.1500i	0.2190+0.0416i	0.6464+0.7217i	-0.8046-0.5935i	0.0884+0.0017i	0.0893-0.0006i	0.0445-0.0845i	0.2514+0.0780i
69.9	-0.3141+0.1534i	0.2318+0.0486i	0.6391+0.6859i	-0.7830-0.5682i	0.0898+0.0018i	0.0896-0.0063i	0.0370-0.0859i	0.2559+0.0744i
70.0	-0.3035+0.1589i	0.2405+0.0448i	0.6354+0.6934i	-0.7783-0.5502i	0.0878+0.0009i	0.0865-0.0045i	0.0224-0.0873i	0.2566+0.0781i
70.1	-0.3072+0.1476i	0.2529+0.0325i	0.6281+0.7082i	-0.7674-0.5497i	0.0883+0.0009i	0.0836-0.0058i	0.0168-0.0902i	0.2665+0.0810i
70.2	-0.3229+0.1549i	0.2414+0.0239i	0.6500+0.6892i	-0.7489-0.5235i	0.0852-0.0058i	0.0837-0.0095i	0.0085-0.0910i	0.2646+0.0765i
70.3	-0.3140+0.1415i	0.2224-0.0194i	0.6508+0.6335i	-0.7497-0.4995i	0.0804-0.0053i	0.0784-0.0115i	-0.0005-0.0893i	0.2630+0.0694i
70.4	-0.3137+0.1313i	0.1970-0.0258i	0.6582+0.6529i	-0.7425-0.4720i	0.0815-0.0025i	0.0786-0.0073i	-0.0077-0.0942i	0.2697+0.0690i
70.5	-0.3296+0.1402i	0.1919-0.0076i	0.6652+0.6291i	-0.7294-0.4319i	0.0803-0.0043i	0.0777-0.0086i	-0.0226-0.0913i	0.2752+0.0629i
70.6	-0.3116+0.1229i	0.1965-0.0141i	0.6376+0.6132i	-0.7189-0.4645i	0.0768-0.0038i	0.0793-0.0115i	-0.0296-0.0860i	0.2816+0.0556i
70.7	-0.2953+0.1411i	0.1895-0.0233i	0.6338+0.5884i	-0.6881-0.4364i	0.0739-0.0059i	0.0807-0.0107i	-0.0355-0.0840i	0.2848+0.0588i
70.8	-0.3041+0.1682i	0.1812-0.0371i	0.6181+0.5880i	-0.6818-0.4482i	0.0810-0.0109i	0.0773-0.0114i	-0.0302-0.0822i	0.2966+0.0571i
70.9	-0.2844+0.1477i	0.1979-0.0408i	0.6409+0.5451i	-0.6933-0.4222i	0.0807-0.0115i	0.0711-0.0106i	-0.0455-0.0751i	0.2993+0.0467i
71.0	-0.2902+0.1595i	0.2163-0.0340i	0.6332+0.5361i	-0.6921-0.4498i	0.0773-0.0067i	0.0734-0.0110i	-0.0523-0.0694i	0.3081+0.0361i
71.1	-0.3113+0.1452i	0.2063-0.0431i	0.5894+0.5627i	-0.6727-0.4085i	0.0776-0.0075i	0.0740-0.0129i	-0.0542-0.0706i	0.3170+0.0397i
71.2	-0.2824+0.1368i	0.1852-0.0553i	0.5934+0.5652i	-0.6598-0.4011i	0.0729-0.0084i	0.0700-0.0133i	-0.0618-0.0658i	0.3178+0.0329i
71.3	-0.3090+0.1029i	0.1878-0.0510i	0.5933+0.5123i	-0.6794-0.3780i	0.0732-0.0048i	0.0709-0.0144i	-0.0646-0.0578i	0.3263+0.0164i
71.4	-0.3282+0.0828i	0.2002-0.0442i	0.6044+0.4851i	-0.6454-0.3756i	0.0734-0.0066i	0.0697-0.0151i	-0.0675-0.0455i	0.3227+0.0095i
71.5	-0.3276+0.1213i	0.2025-0.0601i	0.5787+0.4855i	-0.6289-0.3710i	0.0788-0.0117i	0.0722-0.0141i	-0.0735-0.0379i	0.3327+0.0042i
71.6	-0.3288+0.1421i	0.2054-0.0504i	0.5544+0.4867i	-0.6177-0.3580i	0.0825-0.0095i	0.0718-0.0135i	-0.0819-0.0333i	0.3400-0.0022i
71.7	-0.3114+0.1421i	0.1874-0.0565i	0.5555+0.4676i	-0.6331-0.3688i	0.0809-0.0069i	0.0718-0.0134i	-0.0821-0.0251i	0.3379-0.0175i
71.8	-0.3205+0.1486i	0.2048-0.0533i	0.5537+0.4393i	-0.6148-0.3601i	0.0801-0.0066i	0.0722-0.0141i	-0.0818-0.0150i	0.3312-0.0199i
71.9	-0.3340+0.1262i	0.2305-0.1021i	0.5217+0.4413i	-0.6027-0.3710i	0.0821-0.0080i	0.0707-0.0145i	-0.0716-0.0123i	0.3406-0.0391i
72.0	-0.3405+0.1126i	0.2346-0.1186i	0.5132+0.4576i	-0.5744-0.3681i	0.0832-0.0153i	0.0722-0.0150i	-0.0731-0.0097i	0.3457-0.0459i
72.1	-0.3383+0.1179i	0.2231-0.1554i	0.4858+0.4672i	-0.5921-0.3761i	0.0803-0.0173i	0.0745-0.0178i	-0.0711+0.0004i	0.3417-0.0529i
72.2	-0.3079+0.1253i	0.2380-0.1047i	0.4614+0.4490i	-0.5920-0.3660i	0.0815-0.0098i	0.0728-0.0130i	-0.0650+0.0171i	0.3289-0.0579i
72.3	-0.3230+0.1242i	0.2364-0.0875i	0.4837+0.4550i	-0.5705-0.3433i	0.0801-0.0093i	0.0723-0.0151i	-0.0601+0.0217i	0.3201-0.0660i
72.4	-0.3512+0.1675i	0.2143-0.0969i	0.5017+0.4549i	-0.5460-0.3637i	0.0850-0.0144i	0.0761-0.0224i	-0.0453+0.0148i	0.3270-0.0847i
72.5	-0.3876+0.1702i	0.2055-0.1147i	0.5049+0.4393i	-0.5190-0.3692i	0.0882-0.0183i	0.0790-0.0206i	-0.0395+0.0096i	0.3278-0.0918i
72.6	-0.3591+0.1651i	0.2282-0.1237i	0.4746+0.4613i	-0.5045-0.3533i	0.0897-0.0191i	0.0763-0.0198i	-0.0430+0.0142i	0.3161-0.1033i
72.7	-0.3582+0.1811i	0.2644-0.1464i	0.4435+0.4819i	-0.5131-0.3708i	0.0849-0.0209i	0.0738-0.0225i	-0.0380+0.0162i	0.3012-0.1095i
72.8	-0.3566+0.1819i	0.2472-0.1692i	0.4244+0.4618i	-0.4924-0.3534i	0.0797-0.0209i	0.0714-0.0223i	-0.0358+0.0208i	0.3011-0.1130i
72.9	-0.3782+0.1757i	0.2178-0.1614i	0.4351+0.4528i	-0.4869-0.3631i	0.0871-0.0246i	0.0732-0.0261i	-0.0240+0.0217i	0.3002-0.1124i
73.0	-0.3573+0.2003i	0.2141-0.1815i	0.4468+0.4531i	-0.5107-0.3639i	0.0846-0.0287i	0.0734-0.0259i	-0.0194+0.0153i	0.2983-0.1162i
73.1	-0.3790+0.2443i	0.2361-0.1693i	0.4250+0.4674i	-0.5253-0.3365i	0.0842-0.0300i	0.0724-0.0292i	-0.0135+0.0176i	0.2892-0.1259i
73.2	-0.3598+0.2241i	0.2404-0.1737i	0.3899+0.4512i	-0.5010-0.3742i	0.0849-0.0262i	0.0740-0.0265i	-0.0086+0.0175i	0.2829-0.1246i
73.3	-0.3939+0.2245i	0.2787-0.1841i	0.3727+0.4797i	-0.4737-0.3937i	0.0901-0.0270i	0.0799-0.0256i	0.0014+0.0111i	0.2854-0.1250i
73.4	-0.4281+0.2430i	0.2654-0.1876i	0.3792+0.4750i	-0.4357-0.3980i	0.0912-0.0316i	0.0799-0.0271i	-0.0001+0.0111i	0.2867-0.1284i
73.5	-0.4027+0.2628i	0.2845-0.2045i	0.3966+0.4704i	-0.4338-0.4115i	0.0906-0.0382i	0.0760-0.0325i	0.0028+0.0032i	0.2851-0.1446i
73.6	-0.4370+0.2679i	0.2542-0.2178i	0.3675+0.4893i	-0.4529-0.4324i	0.0943-0.0393i	0.0738-0.0335i	0.0105-0.0057i	0.2877-0.1495i
73.7	-0.4585+0.2670i	0.2226-0.2406i	0.3629+0.5137i	-0.4618-0.4148i	0.0925-0.0383i	0.0723-0.0329i	0.0162-0.0037i	0.2837-0.1433i
73.8	-0.4363+0.3183i	0.2558-0.2582i	0.3284+0.5302i	-0.4879-0.3809i	0.0856-0.0385i	0.0715-0.0326i	0.0104-0.0055i	0.2770-0.1538i
73.9	-0.4530+0.3533i	0.2773-0.2636i	0.3239+0.5316i	-0.4742-0.4088i	0.0911-0.0454i	0.0735-0.0376i	0.0103-0.0109i	0.2721-0.1740i
74.0	-0.4442+0.3657i	0.2461-0.2924i	0.3553+0.5287i	-0.4685-0.4180i	0.0914-0.0495i	0.0706-0.0404i	0.0069-0.0149i	0.2679-0.1836i
74.1	-0.4511+0.3931i	0.2266-0.2989i	0.3474+0.5403i	-0.4444-0.4350i	0.0890-0.0466i	0.0733-0.0420i	0.0147-0.0165i	0.2607-0.1718i
74.2	-0.4448+0.4299i	0.2575-0.3323i	0.3416+0.5579i	-0.4180-0.4700i	0.0840-0.0480i	0.0741-0.0428i	0.0154-0.0209i	0.2605-0.1729i
74.3	-0.4270+0.4223i	0.2611-0.3528i	0.3494+0.5668i	-0.4391-0.4508i	0.0852-0.0518i	0.0757-0.0485i	0.0113-0.0244i	0.2537-0.1850i
74.4	-0.4421+0.4795i	0.2034-0.3551i	0.3304+0.5608i	-0.4862-0.4340i	0.0881-0.0590i	0.0734-0.0476i	0.0159-0.0294i	0.2462-0.1761i
74.5	-0.4277+0.4806i	0.1983-0.3783i	0.3390+0.5922i	-0.4964-0.4619i	0.0850-0.0596i	0.0713-0.0485i	0.0143-0.0428i	0.2440-0.1765i
74.6	-0.4254+0.5730i	0.2062-0.3903i	0.4174+0.6216i	-0.4865-0.4774i	0.0870-0.0647i	0.0727-0.0555i	0.0175-0.0579i	0.2411-0.1949i
74.7	-0.4047+0.6209i	0.1707-0.4281i	0.4066+0.6389i	-0.4668-0.4889i	0.0888-0.0694i	0.0736-0.0598i	0.0157-0.0690i	0.2385-0.1973i
74.8	-0.3863+0.5854i	0.1779-0.4604i	0.4407+0.6499i	-0.4989-0.4831i	0.0832-0.0678i	0.0694-0.0580i	0.0061-0.0676i	0.2381-0.1956i
74.9	-0.3731+0.6176i	0.1571-0.4553i	0.4512+0.6317i	-0.5100-0.4385i	0.0805-0.0684i	0.0657-0.0591i	0.0010-0.0677i	0.2360-0.1974i

75.0	-0.3128+0.6451i	0.1276-0.4923i	0.4468+0.6526i	-0.4904-0.4959i	0.0773-0.0706i	0.0600-0.0603i	-0.0063-0.0794i	0.2348-0.2057i
75.1	-0.2785+0.6752i	0.1286-0.4982i	0.4690+0.6750i	-0.4937-0.5210i	0.0790-0.0726i	0.0626-0.0600i	-0.0108-0.0850i	0.2281-0.2117i
75.2	-0.2713+0.6685i	0.1006-0.5087i	0.4685+0.6481i	-0.5215-0.5181i	0.0760-0.0719i	0.0589-0.0593i	-0.0132-0.0808i	0.2267-0.2143i
75.3	-0.2154+0.6639i	0.0829-0.5149i	0.4939+0.6227i	-0.5441-0.5024i	0.0735-0.0753i	0.0558-0.0649i	-0.0211-0.0816i	0.2181-0.2187i
75.4	-0.1358+0.6880i	0.0790-0.5330i	0.5471+0.6479i	-0.5182-0.5083i	0.0700-0.0834i	0.0551-0.0677i	-0.0345-0.0885i	0.2143-0.2285i
75.5	-0.1092+0.7284i	0.0419-0.5348i	0.5742+0.6304i	-0.5133-0.4527i	0.0624-0.0842i	0.0538-0.0650i	-0.0411-0.0874i	0.2115-0.2241i
75.6	-0.0887+0.8091i	-0.0109-0.5573i	0.5667+0.6356i	-0.5585-0.4270i	0.0636-0.0840i	0.0569-0.0678i	-0.0483-0.0916i	0.2139-0.2191i
75.7	-0.0688+0.7854i	-0.0094-0.5522i	0.6194+0.6054i	-0.5738-0.4180i	0.0664-0.0780i	0.0560-0.0695i	-0.0495-0.0922i	0.2077-0.2326i
75.8	-0.0444+0.7552i	-0.0670-0.5643i	0.6273+0.5994i	-0.5728-0.4184i	0.0606-0.0808i	0.0511-0.0659i	-0.0635-0.0814i	0.1903-0.2246i
75.9	0.0442+0.7727i	-0.1346-0.5511i	0.6083+0.5772i	-0.5569-0.4230i	0.0555-0.0835i	0.0461-0.0660i	-0.0664-0.0785i	0.1858-0.2328i
76.0	0.1248+0.7285i	-0.1564-0.5408i	0.6431+0.5089i	-0.5679-0.3730i	0.0483-0.0880i	0.0415-0.0690i	-0.0727-0.0808i	0.1734-0.2500i
76.1	0.1518+0.7112i	-0.1710-0.5480i	0.6382+0.5125i	-0.5796-0.3867i	0.0500-0.0891i	0.0422-0.0701i	-0.0736-0.0719i	0.1801-0.2525i
76.2	0.1737+0.6956i	-0.2049-0.5254i	0.6516+0.4856i	-0.5687-0.3869i	0.0458-0.0880i	0.0417-0.0677i	-0.0714-0.0630i	0.1727-0.2417i
76.3	0.1998+0.6755i	-0.2308-0.5207i	0.6586+0.4435i	-0.5813-0.3955i	0.0431-0.0891i	0.0389-0.0665i	-0.0752-0.0654i	0.1646-0.2461i
76.4	0.2530+0.6462i	-0.2882-0.5459i	0.6623+0.4134i	-0.6117-0.4020i	0.0395-0.0918i	0.0328-0.0741i	-0.0861-0.0623i	0.1481-0.2481i
76.5	0.2854+0.6392i	-0.3040-0.5545i	0.6799+0.4147i	-0.5712-0.4015i	0.0351-0.0917i	0.0335-0.0753i	-0.0845-0.0606i	0.1403-0.2535i
76.6	0.3205+0.5711i	-0.3186-0.5155i	0.6501+0.3941i	-0.5357-0.3967i	0.0379-0.0944i	0.0315-0.0688i	-0.0803-0.0629i	0.1359-0.2465i
76.7	0.2994+0.5387i	-0.3153-0.4585i	0.6233+0.3909i	-0.5445-0.3909i	0.0363-0.0901i	0.0286-0.0669i	-0.0855-0.0571i	0.1275-0.2467i
76.8	0.3713+0.5075i	-0.3746-0.4520i	0.6272+0.3500i	-0.5658-0.3813i	0.0365-0.0889i	0.0296-0.0663i	-0.0900-0.0589i	0.1236-0.2466i
76.9	0.3273+0.4454i	-0.3970-0.4330i	0.6319+0.3302i	-0.6008-0.3729i	0.0309-0.0886i	0.0308-0.0642i	-0.0923-0.0515i	0.1261-0.2310i
77.0	0.3253+0.4483i	-0.4372-0.4241i	0.5934+0.3328i	-0.5486-0.3846i	0.0270-0.0931i	0.0340-0.0640i	-0.0914-0.0512i	0.1148-0.2317i
77.1	0.3788+0.4303i	-0.4205-0.4225i	0.5302+0.3337i	-0.5377-0.4084i	0.0271-0.0954i	0.0332-0.0618i	-0.0810-0.0529i	0.1077-0.2280i
77.2	0.3466+0.4211i	-0.4652-0.4064i	0.5465+0.3337i	-0.5378-0.4054i	0.0300-0.0893i	0.0324-0.0602i	-0.0862-0.0536i	0.1157-0.2274i
77.3	0.3538+0.3974i	-0.4746-0.3486i	0.5397+0.3308i	-0.5191-0.3821i	0.0253-0.0870i	0.0293-0.0629i	-0.0952-0.0528i	0.1165-0.2224i
77.4	0.3448+0.3747i	-0.4484-0.2998i	0.5274+0.3463i	-0.5107-0.3767i	0.0255-0.0834i	0.0221-0.0615i	-0.0994-0.0544i	0.1087-0.2137i
77.5	0.3055+0.3293i	-0.4595-0.2956i	0.5260+0.3511i	-0.5438-0.3941i	0.0281-0.0820i	0.0251-0.0616i	-0.0949-0.0512i	0.1191-0.2084i
77.6	0.3312+0.2813i	-0.4762-0.2595i	0.5042+0.3670i	-0.5844-0.3801i	0.0245-0.0850i	0.0262-0.0645i	-0.1026-0.0520i	0.1141-0.2108i
77.7	0.3554+0.2645i	-0.5010-0.2672i	0.5018+0.3449i	-0.5602-0.3929i	0.0249-0.0858i	0.0270-0.0670i	-0.1095-0.0535i	0.1226-0.2037i
77.8	0.3509+0.2694i	-0.4954-0.2521i	0.5153+0.3218i	-0.5946-0.3828i	0.0276-0.0854i	0.0322-0.0671i	-0.1050-0.0516i	0.1298-0.2000i
77.9	0.3408+0.2495i	-0.5132-0.2106i	0.5149+0.2992i	-0.6054-0.3670i	0.0178-0.0844i	0.0312-0.0709i	-0.1216-0.0458i	0.1252-0.2035i
78.0	0.3223+0.2344i	-0.4815-0.1595i	0.4764+0.3384i	-0.5613-0.3729i	0.0104-0.0853i	0.0270-0.0684i	-0.1263-0.0428i	0.1306-0.2078i
78.1	0.3098+0.1715i	-0.4946-0.1597i	0.4684+0.3306i	-0.5663-0.3792i	0.0125-0.0853i	0.0264-0.0675i	-0.1302-0.0453i	0.1366-0.2186i
78.2	0.3042+0.1359i	-0.4922-0.1808i	0.4707+0.3296i	-0.5759-0.3551i	0.0124-0.0872i	0.0275-0.0710i	-0.1277-0.0450i	0.1335-0.2162i
78.3	0.2724+0.1935i	-0.4836-0.1492i	0.4494+0.3148i	-0.5939-0.3316i	0.0123-0.0902i	0.0286-0.0717i	-0.1300-0.0404i	0.1299-0.2239i
78.4	0.2578+0.2193i	-0.4885-0.0948i	0.4324+0.3128i	-0.5640-0.2953i	0.0133-0.0904i	0.0241-0.0707i	-0.1399-0.0319i	0.1383-0.2278i
78.5	0.2803+0.1804i	-0.4834-0.0498i	0.4529+0.3378i	-0.5654-0.3159i	0.0103-0.0923i	0.0195-0.0731i	-0.1494-0.0300i	0.1236-0.2364i
78.6	0.2618+0.1681i	-0.4867-0.0106i	0.4222+0.3004i	-0.5584-0.3215i	0.0023-0.0924i	0.0184-0.0757i	-0.1539-0.0195i	0.1277-0.2476i
78.7	0.2358+0.1651i	-0.4756-0.0183i	0.4146+0.3772i	-0.5651-0.2882i	0.0043-0.0875i	0.0174-0.0758i	-0.1556-0.0125i	0.1236-0.2526i
78.8	0.2449+0.1709i	-0.4165+0.0428i	0.4517+0.3461i	-0.5556-0.2518i	0.0063-0.0847i	0.0124-0.0735i	-0.1585-0.0045i	0.1165-0.2516i
78.9	0.2853+0.1502i	-0.3194+0.0627i	0.4850+0.3379i	-0.4979-0.2422i	0.0075-0.0853i	0.0121-0.0700i	-0.1477+0.0018i	0.1170-0.2495i
79.0	0.2554+0.1704i	-0.2620-0.0929i	0.5174+0.2872i	-0.4920-0.3435i	0.0127-0.0934i	0.0132-0.0733i	-0.1422-0.0044i	0.1219-0.2655i
79.1	0.2153+0.1566i	-0.3445-0.1952i	0.4778+0.2627i	-0.5657-0.4025i	0.0031-0.0971i	0.0102-0.0744i	-0.1563-0.0108i	0.1198-0.2687i
79.2	0.1710+0.1447i	-0.4369-0.1244i	0.4094+0.2813i	-0.5989-0.3797i	-0.0041-0.0940i	0.0051-0.0740i	-0.1644+0.0014i	0.1106-0.2680i
79.3	0.1845+0.1055i	-0.4626-0.0854i	0.3671+0.3085i	-0.6333-0.3726i	-0.0025-0.0949i	0.0038-0.0796i	-0.1696+0.0102i	0.1070-0.2775i
79.4	0.1535+0.1237i	-0.5163-0.0510i	0.4024+0.3617i	-0.6154-0.3779i	-0.0082-0.0898i	0.0040-0.0759i	-0.1694+0.0216i	0.0949-0.2829i
79.5	0.2032+0.1146i	-0.4938-0.0398i	0.3940+0.3468i	-0.6101-0.3597i	-0.0122-0.0849i	0.0018-0.0710i	-0.1660+0.0260i	0.0708-0.2704i
79.6	0.2069+0.1296i	-0.4673-0.0174i	0.4077+0.3620i	-0.6097-0.3373i	-0.0163-0.0858i	-0.0010-0.0697i	-0.1627+0.0296i	0.0658-0.2703i
79.7	0.1894+0.1266i	-0.4683+0.0054i	0.3954+0.3824i	-0.6473-0.2900i	-0.0174-0.0855i	-0.0022-0.0701i	-0.1635+0.0438i	0.0748-0.2762i
79.8	0.1780+0.0951i	-0.4702+0.0261i	0.3826+0.3817i	-0.6303-0.2410i	-0.0220-0.0855i	-0.0042-0.0698i	-0.1703+0.0492i	0.0691-0.2686i
79.9	0.1963+0.1229i	-0.4798+0.0424i	0.3712+0.3830i	-0.6140-0.2705i	-0.0165-0.0815i	-0.0039-0.0656i	-0.1660+0.0494i	0.0671-0.2712i
80.0	0.1958+0.1467i	-0.5098+0.0497i	0.3637+0.3576i	-0.5982-0.2990i	-0.0146-0.0792i	0.0008-0.0657i	-0.1519+0.0513i	0.0564-0.2707i

1.1.6 Run 2 – IP270 – SF and shaft bending gauges

In-plane shaking at 270°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0385+0.0000i	0.0809+0.0000i	-0.0543+0.0000i	0.0152+0.0000i	4.1818+0.0000i	-2.6459+0.0000i	6.5401+0.0000i	-1.6751+0.0000i
0.1	0.0026-0.0048i	0.0395-0.0052i	-0.0738-0.0023i	-0.0107-0.0062i	5.2694+0.0972i	-4.4414-0.0946i	6.6170-0.0865i	-2.1422+0.0188i
0.2	-0.2944+0.0025i	-0.2884+0.0176i	-0.2309+0.0043i	-0.2294-0.0031i	13.6784-0.4908i	-18.0428+1.1279i	6.4113-0.7726i	-5.1290+0.4471i
0.3	-0.2971+0.0098i	-0.2918+0.0176i	-0.2265-0.0003i	-0.2295+0.0016i	12.3310-0.1125i	-16.1004+1.0997i	4.5969-0.5265i	-3.5964+0.3176i
0.4	-0.2858+0.0100i	-0.2893+0.0134i	-0.2096+0.0028i	-0.2388+0.0086i	10.3597+0.2582i	-13.7497+1.1699i	2.7547-0.0401i	-1.9829+0.1809i
0.5	-0.2711+0.0140i	-0.3017-0.0008i	-0.2397+0.0069i	-0.2468-0.0045i	25.8987-0.1715i	-30.4218+2.0164i	19.2649-1.0670i	-15.3444+0.8170i
0.6	-0.2860+0.0106i	-0.2982+0.0061i	-0.2425+0.0044i	-0.2448-0.0015i	23.2458+1.0092i	-27.0936+0.6257i	16.1270+0.0868i	-12.6797-0.1993i
0.7	-0.2906+0.0106i	-0.3001+0.0077i	-0.2442+0.0060i	-0.2429-0.0002i	21.4527+0.7489i	-24.7655+0.8324i	13.9609-0.0946i	-10.8994+0.0031i
0.8	-0.2880+0.0116i	-0.3043+0.0103i	-0.2431+0.0069i	-0.2427+0.0027i	20.3920+0.4287i	-23.3774+0.9382i	12.7054-0.2967i	-9.8888+0.1205i
0.9	-0.2933+0.0134i	-0.3065+0.0118i	-0.2430+0.0071i	-0.2451+0.0041i	19.5371+0.6521i	-22.2866+0.5832i	11.7193+0.0382i	-9.0708-0.1236i
1.0	-0.2922+0.0149i	-0.3121+0.0113i	-0.2448+0.0061i	-0.2470+0.0047i	20.1980+1.6106i	-22.2676-0.5625i	12.1600+1.0989i	-9.1388-1.0253i
1.1	-0.2908+0.0056i	-0.3259+0.0184i	-0.2507+0.0072i	-0.2525+0.0052i	21.9729-0.1894i	-22.9052-0.2642i	13.5287-0.3059i	-9.7921-0.6266i
1.2	-0.3012-0.0072i	-0.3296+0.0327i	-0.2550+0.0085i	-0.2575+0.0058i	21.0596-1.7568i	-22.8250-0.9915i	12.7828-1.1267i	-9.6343-0.9958i
1.3	-0.3510+0.0067i	-0.3206+0.0299i	-0.2684+0.0123i	-0.2698+0.0096i	18.1030-1.3669i	-24.8743-0.4263i	11.3098-0.9600i	-10.8167-0.6272i
1.4	-0.3621+0.0320i	-0.3349+0.0185i	-0.2763+0.0171i	-0.2779+0.0140i	17.8084+0.2702i	-25.0543+1.0052i	11.1309-0.2535i	-10.9034+0.2530i
1.5	-0.3772+0.0324i	-0.3817+0.0619i	-0.2966+0.0318i	-0.2988+0.0282i	19.7091+0.6668i	-23.9511+1.7054i	11.9729-0.1499i	-10.1995+0.6708i
1.6	-0.4076+0.0539i	-0.3875+0.1085i	-0.3083+0.0541i	-0.3110+0.0503i	20.4066+0.0400i	-23.5666+1.8243i	12.2424-0.5203i	-9.9364+0.7254i
1.7	-0.4149+0.1092i	-0.3704+0.1447i	-0.3051+0.0843i	-0.3081+0.0800i	20.2497-0.6487i	-23.4501+1.9703i	12.0839-0.8873i	-9.8515+0.7668i
1.8	-0.3851+0.2013i	-0.3294+0.2037i	-0.2817+0.1340i	-0.2857+0.1292i	19.8154-1.2578i	-23.1224+2.5553i	11.7669-1.2155i	-9.6919+1.0183i
1.9	-0.2872+0.2480i	-0.2413+0.2222i	-0.2205+0.1559i	-0.2258+0.1512i	19.1309-1.5276i	-22.2487+2.8195i	11.3145-1.3455i	-9.3000+1.1446i
2.0	-0.1704+0.1639i	-0.1539+0.1361i	-0.1532+0.1002i	-0.1590+0.0973i	18.3901-0.9899i	-21.2835+2.0064i	10.8451-0.9822i	-8.8636+0.7964i
2.1	-0.1531+0.1188i	-0.1473+0.0954i	-0.1451+0.0721i	-0.1511+0.0696i	18.3287-0.7119i	-21.1167+1.5672i	10.7909-0.7858i	-8.7721+0.6003i
2.2	-0.1482+0.0849i	-0.1507+0.0657i	-0.1448+0.0511i	-0.1503+0.0491i	18.4535-0.6369i	-21.0001+1.1555i	10.8333-0.7097i	-8.6946+0.4069i
2.3	-0.1607+0.0721i	-0.1643+0.0535i	-0.1531+0.0431i	-0.1588+0.0407i	18.2840-0.8962i	-21.3219+0.7897i	10.7454-0.8085i	-8.8687+0.2053i
2.4	-0.1693+0.0570i	-0.1748+0.0424i	-0.1592+0.0342i	-0.1652+0.0325i	18.0471-0.5058i	-21.6298+0.9016i	10.6394-0.6060i	-9.0394+0.3033i
2.5	-0.1750+0.0459i	-0.1816+0.0343i	-0.1634+0.0279i	-0.1692+0.0266i	18.2348-0.2364i	-21.5907+0.9532i	10.7360-0.4640i	-9.0037+0.3591i
2.6	-0.1833+0.0441i	-0.1894+0.0326i	-0.1688+0.0266i	-0.1743+0.0254i	18.3869-0.2027i	-21.6181+0.9437i	10.8118-0.4415i	-9.0066+0.3618i
2.7	-0.1915+0.0429i	-0.1968+0.0310i	-0.1740+0.0257i	-0.1794+0.0245i	18.5068-0.1997i	-21.6622+0.9309i	10.8664-0.4395i	-9.0161+0.3654i
2.8	-0.1901+0.0360i	-0.1975+0.0262i	-0.1738+0.0220i	-0.1791+0.0208i	18.5371-0.1686i	-21.6249+0.8726i	10.8641-0.4186i	-8.9837+0.3450i
2.9	-0.1927+0.0304i	-0.2008+0.0222i	-0.1756+0.0188i	-0.1811+0.0177i	18.5821-0.1324i	-21.6535+0.7995i	10.8852-0.3847i	-8.9907+0.3089i
3.0	-0.2005+0.0319i	-0.2072+0.0230i	-0.1803+0.0196i	-0.1857+0.0186i	18.6638-0.1330i	-21.7384+0.7974i	10.9327-0.3803i	-9.0291+0.3089i
3.1	-0.2006+0.0322i	-0.2085+0.0230i	-0.1809+0.0197i	-0.1863+0.0188i	18.7199-0.1395i	-21.7588+0.7875i	10.9533-0.3795i	-9.0323+0.3082i
3.2	-0.1977+0.0270i	-0.2076+0.0194i	-0.1798+0.0168i	-0.1851+0.0160i	18.7518-0.1035i	-21.7643+0.7315i	10.9707-0.3527i	-9.0341+0.2878i
3.3	-0.2027+0.0229i	-0.2119+0.0167i	-0.1830+0.0147i	-0.1882+0.0137i	18.8332-0.0823i	-21.8454+0.6853i	11.0241-0.3297i	-9.0752+0.2666i
3.4	-0.2039+0.0253i	-0.2136+0.0181i	-0.1838+0.0158i	-0.1893+0.0148i	18.8633-0.1099i	-21.8872+0.6977i	11.0463-0.3401i	-9.0935+0.2733i
3.5	-0.2048+0.0187i	-0.2149+0.0137i	-0.1847+0.0124i	-0.1900+0.0113i	18.9026-0.0667i	-21.9180+0.6283i	11.0641-0.3098i	-9.1025+0.2467i
3.6	-0.2053+0.0142i	-0.2160+0.0107i	-0.1856+0.0098i	-0.1908+0.0092i	18.9751-0.0361i	-21.9665+0.5772i	11.1072-0.2871i	-9.1292+0.2211i
3.7	-0.2046+0.0163i	-0.2165+0.0120i	-0.1855+0.0109i	-0.1907+0.0103i	19.0261-0.0760i	-22.0264+0.6025i	11.1455-0.3048i	-9.1630+0.2374i
3.8	-0.2081+0.0204i	-0.2193+0.0148i	-0.1876+0.0132i	-0.1929+0.0126i	19.1029-0.1065i	-22.0843+0.6202i	11.1915-0.3147i	-9.1889+0.2426i
3.9	-0.2119+0.0206i	-0.2223+0.0151i	-0.1899+0.0135i	-0.1953+0.0126i	19.1740-0.1169i	-22.1662+0.6243i	11.2369-0.3245i	-9.2313+0.2475i
4.0	-0.2139+0.0136i	-0.2242+0.0106i	-0.1915+0.0097i	-0.1966+0.0090i	19.2409-0.0714i	-22.2212+0.5843i	11.2744-0.2971i	-9.2535+0.2411i
4.1	-0.2138+0.0120i	-0.2248+0.0095i	-0.1919+0.0088i	-0.1971+0.0081i	19.2816-0.0697i	-22.2525+0.5507i	11.2957-0.2927i	-9.2646+0.2231i
4.2	-0.2186+0.0118i	-0.2284+0.0097i	-0.1948+0.0088i	-0.1999+0.0081i	19.3522-0.0975i	-22.3613+0.5374i	11.3427-0.2975i	-9.3201+0.2153i
4.3	-0.2226+0.0124i	-0.2316+0.0104i	-0.1971+0.0093i	-0.2024+0.0084i	19.4321-0.0945i	-22.4632+0.5361i	11.3916-0.3020i	-9.3666+0.2155i
4.4	-0.2234+0.0101i	-0.2329+0.0089i	-0.1976+0.0081i	-0.2031+0.0074i	19.5307-0.0624i	-22.5168+0.5307i	11.4500-0.2965i	-9.3868+0.2191i
4.5	-0.2278+0.0080i	-0.2363+0.0072i	-0.2003+0.0068i	-0.2058+0.0061i	19.6232-0.0595i	-22.6050+0.5006i	11.5135-0.2819i	-9.4334+0.2064i
4.6	-0.2293+0.0095i	-0.2376+0.0079i	-0.2017+0.0074i	-0.2068+0.0070i	19.6749-0.0808i	-22.6623+0.4973i	11.5370-0.2897i	-9.4565+0.2008i
4.7	-0.2301+0.0093i	-0.2391+0.0070i	-0.2025+0.0069i	-0.2081+0.0069i	19.7435-0.0990i	-22.7612+0.4935i	11.6175-0.2875i	-9.5128+0.2047i
4.8	-0.2322+0.0050i	-0.2408+0.0046i	-0.2039+0.0047i	-0.2095+0.0047i	19.8401-0.0548i	-22.8393+0.4562i	11.6728-0.2655i	-9.5524+0.1886i
4.9	-0.2355+0.0059i	-0.2438+0.0055i	-0.2064+0.0057i	-0.2114+0.0053i	19.9627-0.0497i	-22.9320+0.4660i	11.7403-0.2835i	-9.5959+0.1933i
5.0	-0.2366+0.0067i	-0.2454+0.0063i	-0.2071+0.0066i	-0.2123+0.0057i	20.0118-0.0691i	-22.9999+0.4757i	11.7695-0.2806i	-9.6323+0.2007i
5.1	-0.2392+0.0078i	-0.2479+0.0072i	-0.2091+0.0067i	-0.2142+0.0064i	20.0935-0.0947i	-23.1136+0.4735i	11.8247-0.2861i	-9.6880+0.1970i
5.2	-0.2422+0.0086i	-0.2504+0.0075i	-0.2116+0.0067i	-0.2164+0.0068i	20.2006-0.0861i	-23.2017+0.4773i	11.8824-0.2965i	-9.7166+0.1996i
5.3	-0.2441+0.0087i	-0.2521+0.0077i	-0.2123+0.0066i	-0.2173+0.0069i	20.2949-0.1022i	-23.2705+0.4786i	11.9470-0.3040i	-9.7490+0.2036i
5.4	-0.2473+0.0084i	-0.2549+0.0077i	-0.2145+0.0070i	-0.2195+0.0066i	20.3974-0.0891i	-23.3843+0.4756i	12.0293-0.2959i	-9.8084+0.2081i
5.5	-0.2492+0.0091i	-0.2567+0.0080i	-0.2160+0.0071i	-0.2212+0.0067i	20.5065-0.0574i	-23.5039+0.4595i	12.0962-0.2869i	-9.8744+0.1935i
5.6	-0.2502+0.0114i	-0.2579+0.0095i	-0.2171+0.0084i	-0.2222+0.0080i	20.6138-0.1124i	-23.5955+0.4978i	12.1447-0.3221i	-9.9177+0.2147i

5.7	-0.2520+0.0121i	-0.2597+0.0102i	-0.2185+0.0092i	-0.2234+0.0089i	20.7355-0.1609i	-23.7308+0.5320i	12.2499-0.3442i	-9.9891+0.2412i
5.8	-0.2528+0.0117i	-0.2608+0.0101i	-0.2188+0.0090i	-0.2236+0.0090i	20.8342-0.1511i	-23.8089+0.5288i	12.3057-0.3371i	-10.0203+0.2382i
5.9	-0.2539+0.0125i	-0.2620+0.0108i	-0.2193+0.0096i	-0.2248+0.0093i	20.9350-0.1494i	-23.8774+0.5280i	12.3609-0.3302i	-10.0434+0.2376i
6.0	-0.2508+0.0123i	-0.2601+0.0109i	-0.2183+0.0093i	-0.2238+0.0093i	20.9688-0.2017i	-23.9490+0.5239i	12.4030-0.3388i	-10.0899+0.2393i
6.1	-0.2531+0.0131i	-0.2624+0.0115i	-0.2206+0.0097i	-0.2258+0.0101i	21.0617-0.1857i	-24.0600+0.5139i	12.4838-0.3371i	-10.1457+0.2290i
6.2	-0.2540+0.0101i	-0.2635+0.0093i	-0.2214+0.0084i	-0.2265+0.0084i	21.1677-0.1474i	-24.1680+0.5008i	12.5758-0.3418i	-10.1987+0.2241i
6.3	-0.2586+0.0069i	-0.2670+0.0066i	-0.2240+0.0067i	-0.2290+0.0064i	21.3705-0.1450i	-24.3065+0.4958i	12.6773-0.3424i	-10.2629+0.2293i
6.4	-0.2590+0.0089i	-0.2679+0.0085i	-0.2248+0.0081i	-0.2295+0.0075i	21.4637-0.1344i	-24.4119+0.4916i	12.7452-0.3340i	-10.3209+0.2329i
6.5	-0.2621+0.0091i	-0.2707+0.0086i	-0.2271+0.0088i	-0.2316+0.0072i	21.5998-0.1154i	-24.5542+0.4716i	12.8329-0.3175i	-10.3969+0.2157i
6.6	-0.2625+0.0086i	-0.2717+0.0078i	-0.2273+0.0088i	-0.2324+0.0073i	21.7199-0.1268i	-24.6539+0.4896i	12.9262-0.3208i	-10.4398+0.2259i
6.7	-0.2651+0.0106i	-0.2747+0.0092i	-0.2301+0.0094i	-0.2346+0.0083i	21.8539-0.1918i	-24.7937+0.4904i	13.0329-0.3271i	-10.5044+0.2191i
6.8	-0.2687+0.0072i	-0.2776+0.0070i	-0.2328+0.0069i	-0.2369+0.0062i	22.0366-0.1763i	-24.9421+0.4205i	13.1388-0.3251i	-10.5805+0.1804i
6.9	-0.2713+0.0037i	-0.2807+0.0044i	-0.2357+0.0051i	-0.2392+0.0041i	22.2001-0.1364i	-25.0944+0.3893i	13.2387-0.3292i	-10.6587+0.1668i
7.0	-0.2735+0.0044i	-0.2830+0.0049i	-0.2373+0.0064i	-0.2404+0.0045i	22.3651-0.2094i	-25.1945+0.3499i	13.3731-0.3516i	-10.6978+0.1524i
7.1	-0.2754+0.0063i	-0.2854+0.0063i	-0.2391+0.0084i	-0.2420+0.0044i	22.5639-0.3718i	-25.3250+0.3223i	13.4619-0.4443i	-10.7635+0.1246i
7.2	-0.2790+0.0060i	-0.2885+0.0059i	-0.2404+0.0091i	-0.2461+0.0035i	22.5290-0.5487i	-25.6381+0.2231i	13.4970-0.5283i	-10.9462+0.0554i
7.3	-0.2824+0.0066i	-0.2920+0.0065i	-0.2419+0.0089i	-0.2496+0.0043i	22.5306-0.5614i	-25.9043+0.2783i	13.5179-0.5333i	-11.1010+0.0899i
7.4	-0.2870+0.0062i	-0.2961+0.0065i	-0.2450+0.0080i	-0.2533+0.0047i	22.6858-0.4556i	-26.1383+0.3519i	13.6285-0.4703i	-11.2191+0.1434i
7.5	-0.2888+0.0057i	-0.2981+0.0062i	-0.2470+0.0073i	-0.2549+0.0052i	22.8710-0.3710i	-26.3096+0.4217i	13.7548-0.4387i	-11.3119+0.1939i
7.6	-0.2909+0.0083i	-0.3010+0.0078i	-0.2495+0.0083i	-0.2569+0.0072i	23.0513-0.3102i	-26.4701+0.5097i	13.8768-0.4276i	-11.3959+0.2490i
7.7	-0.2954+0.0087i	-0.3056+0.0081i	-0.2530+0.0092i	-0.2603+0.0079i	23.2771-0.3270i	-26.6618+0.5451i	14.0493-0.4375i	-11.4823+0.2639i
7.8	-0.2985+0.0062i	-0.3083+0.0066i	-0.2549+0.0076i	-0.2628+0.0064i	23.4396-0.3327i	-26.8485+0.5076i	14.1894-0.4241i	-11.5724+0.2512i
7.9	-0.3011+0.0067i	-0.3108+0.0074i	-0.2572+0.0077i	-0.2647+0.0069i	23.6416-0.3138i	-26.9762+0.5068i	14.2916-0.4518i	-11.6303+0.2508i
8.0	-0.3032+0.0072i	-0.3138+0.0076i	-0.2589+0.0082i	-0.2667+0.0071i	23.8207-0.3688i	-27.1449+0.5500i	14.4025-0.5035i	-11.7063+0.2779i
8.1	-0.3056+0.0074i	-0.3162+0.0078i	-0.2613+0.0084i	-0.2690+0.0073i	24.0096-0.4434i	-27.3101+0.5649i	14.5151-0.5313i	-11.7852+0.3008i
8.2	-0.3097+0.0085i	-0.3204+0.0083i	-0.2644+0.0088i	-0.2723+0.0080i	24.2162-0.4566i	-27.5631+0.5409i	14.6717-0.5183i	-11.9096+0.2831i
8.3	-0.3135+0.0094i	-0.3241+0.0096i	-0.2672+0.0096i	-0.2747+0.0088i	24.4826-0.5073i	-27.7928+0.5883i	14.8440-0.5666i	-12.0298+0.2996i
8.4	-0.3169+0.0084i	-0.3276+0.0093i	-0.2700+0.0094i	-0.2776+0.0085i	24.6637-0.4816i	-28.0140+0.6032i	15.0040-0.5711i	-12.1439+0.3205i
8.5	-0.3212+0.0084i	-0.3324+0.0099i	-0.2733+0.0098i	-0.2808+0.0086i	24.8545-0.5344i	-28.2277+0.6417i	15.1148-0.6334i	-12.2525+0.3497i
8.6	-0.3259+0.0083i	-0.3369+0.0097i	-0.2770+0.0098i	-0.2844+0.0084i	25.1135-0.5552i	-28.4777+0.5852i	15.2787-0.6271i	-12.3604+0.3094i
8.7	-0.3302+0.0095i	-0.3409+0.0107i	-0.2805+0.0098i	-0.2873+0.0092i	25.3912-0.5946i	-28.7181+0.5821i	15.4623-0.6396i	-12.4800+0.3013i
8.8	-0.3342+0.0111i	-0.3448+0.0123i	-0.2834+0.0113i	-0.2912+0.0107i	25.6146-0.7575i	-28.9450+0.6772i	15.6436-0.7460i	-12.5821+0.3660i
8.9	-0.3396+0.0119i	-0.3501+0.0128i	-0.2868+0.0124i	-0.2957+0.0111i	26.0237-0.8856i	-29.2195+0.7652i	15.8801-0.8607i	-12.7107+0.4115i
9.0	-0.3437+0.0138i	-0.3541+0.0143i	-0.2897+0.0132i	-0.2985+0.0126i	26.1384-1.0452i	-29.3741+0.8490i	15.9619-1.0061i	-12.7710+0.4486i
9.1	-0.3492+0.0146i	-0.3609+0.0145i	-0.2942+0.0135i	-0.3024+0.0139i	26.1516-1.1697i	-29.5137+0.8663i	15.9279-1.1039i	-12.7938+0.4549i
9.2	-0.3532+0.0153i	-0.3665+0.0160i	-0.2981+0.0143i	-0.3058+0.0143i	26.2832-1.0615i	-29.7191+0.7150i	16.0026-1.0105i	-12.8951+0.3468i
9.3	-0.3580+0.0168i	-0.3722+0.0174i	-0.3032+0.0145i	-0.3103+0.0150i	26.4374-1.1139i	-30.1108+0.4910i	16.1405-0.9684i	-13.1127+0.1829i
9.4	-0.3643+0.0173i	-0.3784+0.0178i	-0.3082+0.0145i	-0.3143+0.0153i	26.6577-1.1339i	-30.6292+0.3944i	16.2826-0.9276i	-13.4090+0.1136i
9.5	-0.3697+0.0194i	-0.3840+0.0203i	-0.3120+0.0165i	-0.3183+0.0175i	26.9272-0.9925i	-31.0385+0.5142i	16.4825-0.8686i	-13.6343+0.1882i
9.6	-0.3749+0.0219i	-0.3899+0.0233i	-0.3162+0.0190i	-0.3227+0.0197i	27.2725-0.9523i	-31.4195+0.6412i	16.7334-0.8005i	-13.8360+0.2640i
9.7	-0.3792+0.0232i	-0.3954+0.0257i	-0.3209+0.0202i	-0.3263+0.0208i	27.4559-0.9243i	-31.8349+0.7194i	16.9054-0.8081i	-14.0556+0.3108i
9.8	-0.3837+0.0277i	-0.4015+0.0301i	-0.3258+0.0234i	-0.3312+0.0225i	27.8035-0.9359i	-32.2554+0.8044i	17.2055-0.8144i	-14.2704+0.3561i
9.9	-0.3889+0.0301i	-0.4078+0.0329i	-0.3305+0.0256i	-0.3360+0.0244i	28.2691-0.8915i	-32.5805+0.8761i	17.4956-0.8214i	-14.4302+0.3987i
10.0	-0.3947+0.0318i	-0.4136+0.0362i	-0.3346+0.0272i	-0.3404+0.0264i	28.6691-0.9251i	-32.9672+0.9985i	17.7691-0.8567i	-14.6348+0.4665i
10.1	-0.3983+0.0345i	-0.4177+0.0405i	-0.3384+0.0299i	-0.3443+0.0288i	29.1190-1.0751i	-33.3969+1.1575i	18.0705-0.9627i	-14.8636+0.5647i
10.2	-0.4021+0.0365i	-0.4217+0.0450i	-0.3414+0.0327i	-0.3477+0.0308i	29.4932-1.1917i	-33.6682+1.3350i	18.2758-1.1089i	-14.9698+0.6622i
10.3	-0.4086+0.0389i	-0.4277+0.0491i	-0.3462+0.0349i	-0.3527+0.0330i	29.8560-1.2322i	-33.9981+1.3154i	18.5136-1.0837i	-15.1219+0.6239i
10.4	-0.4119+0.0422i	-0.4324+0.0536i	-0.3499+0.0372i	-0.3567+0.0364i	30.1697-1.2981i	-34.4302+1.3888i	18.7767-1.1276i	-15.3567+0.6544i
10.5	-0.4163+0.0446i	-0.4369+0.0572i	-0.3532+0.0393i	-0.3614+0.0380i	30.5704-1.3606i	-34.8956+1.5001i	19.0806-1.1883i	-15.5938+0.7148i
10.6	-0.4238+0.0482i	-0.4423+0.0618i	-0.3586+0.0427i	-0.3669+0.0409i	31.1664-1.4412i	-35.4010+1.6032i	19.4538-1.2564i	-15.8602+0.7655i
10.7	-0.4275+0.0513i	-0.4445+0.0666i	-0.3617+0.0454i	-0.3692+0.0445i	31.5166-1.6602i	-35.8289+1.7240i	19.7349-1.3669i	-16.0925+0.8367i
10.8	-0.4329+0.0549i	-0.4457+0.0721i	-0.3643+0.0489i	-0.3723+0.0481i	31.9210-2.0372i	-36.2620+2.0154i	19.9898-1.6615i	-16.3122+1.0234i
10.9	-0.4377+0.0539i	-0.4479+0.0702i	-0.3669+0.0485i	-0.3755+0.0472i	32.0675-1.9651i	-36.5032+2.0992i	20.0191-1.6750i	-16.3810+1.0720i
11.0	-0.4408+0.0546i	-0.4512+0.0700i	-0.3697+0.0494i	-0.3789+0.0472i	32.3811-1.8168i	-36.7951+2.1023i	20.2249-1.5884i	-16.5142+1.0648i
11.1	-0.4461+0.0580i	-0.4578+0.0734i	-0.3746+0.0511i	-0.3841+0.0500i	32.8623-1.8242i	-37.2422+2.0323i	20.5210-1.5298i	-16.7192+1.0051i
11.2	-0.4498+0.0563i	-0.4606+0.0718i	-0.3773+0.0495i	-0.3866+0.0491i	33.4440-1.8911i	-37.6815+1.9723i	20.9077-1.5217i	-16.9423+0.9448i
11.3	-0.4571+0.0536i	-0.4658+0.0695i	-0.3827+0.0479i	-0.3925+0.0471i	33.9293-1.9527i	-38.3073+1.9805i	21.2891-1.5501i	-17.2685+0.9418i
11.4	-0.4647+0.0507i	-0.4737+0.0649i	-0.3890+0.0462i	-0.3989+0.0443i	34.4773-1.8810i	-38.8188+1.8724i	21.6270-1.4665i	-17.5225+0.8800i
11.5	-0.4747+0.0518i	-0.4827+0.0648i	-0.3965+0.0469i	-0.4064+0.0447i	34.9873-1.8240i	-39.4241+1.8987i	21.9739-1.4868i	-17.8228+0.8843i
11.6	-0.4830+0.0525i	-0.4904+0.0650i	-0.4038+0.0474i	-0.4130+0.0460i	35.5014-1.8688i	-40.0747+1.9965i	22.3510-1.5476i	-18.1457+0.9331i
11.7	-0.4962+0.0528i	-0.5043+0.0652i	-0.4142+0.0474i	-0.4233+0.0462i	36.3093-1.9223i	-40.8923+1.9621i	22.9041-1.5007i	-18.5578+0.8972i
11.8	-0.5083+0.0503i	-0.5193+0.0612i	-0.4244+0.0452i	-0.4343+0.0440i	37.1361-1.6209i	-41.8463+1.7428i	23.4998-1.2881i	-19.0630+0.7654i
11.9	-0.5190+0.0488i	-0.5309+0.0593i	-0.4342+0.0437i	-0.4434+0.0428i	37.8840-1.5984i	-42.6551+1.5807i	24.0292-1.1916i	-19.4932+0.6518i

12.0	-0.5327+0.0506i	-0.5459+0.0628i	-0.4456+0.0457i	-0.4548+0.0450i	38.8976-1.6560i	-43.4838+1.7066i	24.7188-1.2253i	-19.9232+0.7123i
12.1	-0.5514+0.0526i	-0.5657+0.0669i	-0.4601+0.0486i	-0.4705+0.0469i	40.0354-1.7881i	-44.6855+1.8513i	25.5932-1.3369i	-20.5689+0.7858i
12.2	-0.5712+0.0590i	-0.5870+0.0742i	-0.4757+0.0534i	-0.4864+0.0522i	41.2699-2.1812i	-45.9934+2.1846i	26.4300-1.6270i	-21.2624+0.9771i
12.3	-0.5870+0.0622i	-0.6033+0.0792i	-0.4883+0.0570i	-0.4991+0.0555i	42.1887-2.3323i	-46.9170+2.4516i	27.0602-1.7779i	-21.7224+1.1300i
12.4	-0.6077+0.0673i	-0.6250+0.0862i	-0.5052+0.0611i	-0.5159+0.0599i	43.2983-2.5605i	-48.1265+2.6820i	27.8251-1.9710i	-22.3456+1.2523i
12.5	-0.6277+0.0768i	-0.6436+0.0967i	-0.5201+0.0680i	-0.5310+0.0670i	44.2330-3.1368i	-49.3318+2.9640i	28.4682-2.2437i	-22.9726+1.3972i
12.6	-0.6499+0.0859i	-0.6679+0.1112i	-0.5382+0.0763i	-0.5500+0.0755i	45.4859-3.4809i	-50.6422+3.3098i	29.3924-2.4965i	-23.5859+1.5797i
12.7	-0.6680+0.1005i	-0.6852+0.1316i	-0.5521+0.0902i	-0.5650+0.0889i	46.6476-3.9757i	-51.8394+3.9030i	30.2183-2.8561i	-24.1708+1.8876i
12.8	-0.6813+0.1205i	-0.6943+0.1565i	-0.5617+0.1065i	-0.5749+0.1050i	47.7289-4.7353i	-52.9556+4.6624i	30.9420-3.3342i	-24.7457+2.2604i
12.9	-0.6917+0.1381i	-0.6990+0.1789i	-0.5690+0.1204i	-0.5822+0.1191i	48.8373-5.4030i	-54.0897+5.3430i	31.7261-3.8474i	-25.3291+2.6033i
13.0	-0.7000+0.1505i	-0.6973+0.1941i	-0.5741+0.1319i	-0.5883+0.1294i	49.9370-5.6478i	-55.3081+5.7516i	32.5193-3.9953i	-25.9544+2.8184i
13.1	-0.7032+0.1535i	-0.6936+0.1940i	-0.5766+0.1338i	-0.5912+0.1314i	50.8643-5.8016i	-56.2947+5.9958i	33.1662-4.1178i	-26.4510+2.9520i
13.2	-0.7158+0.1550i	-0.7004+0.1891i	-0.5863+0.1323i	-0.6011+0.1307i	52.3757-6.0790i	-57.7243+6.2775i	34.2360-4.3643i	-27.1575+3.0888i
13.3	-0.7379+0.1576i	-0.7187+0.1863i	-0.6030+0.1333i	-0.6182+0.1321i	54.0385-6.3294i	-59.4342+6.7036i	35.4472-4.6125i	-28.0160+3.3124i
13.4	-0.7638+0.1630i	-0.7444+0.1867i	-0.6228+0.1376i	-0.6396+0.1362i	55.8594-6.9184i	-61.2100+7.3610i	36.7214-5.0106i	-28.9056+3.6669i
13.5	-0.7911+0.1649i	-0.7696+0.1836i	-0.6441+0.1385i	-0.6614+0.1371i	57.7173-7.2714i	-63.0179+7.6077i	37.8999-5.2275i	-29.8103+3.7827i
13.6	-0.8245+0.1712i	-0.8026+0.1846i	-0.6700+0.1409i	-0.6876+0.1413i	59.8902-7.8595i	-65.1295+8.0204i	39.3524-5.6035i	-30.8484+3.9856i
13.7	-0.8661+0.1895i	-0.8458+0.1967i	-0.7026+0.1527i	-0.7224+0.1540i	62.7784-8.8330i	-67.7596+9.0403i	41.2570-6.3349i	-32.1444+4.5040i
13.8	-0.9009+0.1971i	-0.8834+0.1993i	-0.7324+0.1579i	-0.7535+0.1592i	65.3258-9.2789i	-70.2344+9.3374i	43.0120-6.5993i	-33.3642+4.6314i
13.9	-0.9336+0.2083i	-0.9207+0.2107i	-0.7611+0.1680i	-0.7823+0.1710i	67.8947-10.5062i	-72.7929+10.0943i	44.8442-7.3892i	-34.6430+4.9814i
14.0	-0.9797+0.2330i	-0.9679+0.2362i	-0.7984+0.1889i	-0.8196+0.1933i	71.1613-12.5844i	-75.8335+11.7278i	47.1328-8.8279i	-36.1418+5.7692i
14.1	-1.0217+0.2610i	-1.0094+0.2624i	-0.8315+0.2107i	-0.8527+0.2154i	73.7035-14.6342i	-78.6083+13.2150i	48.8742-10.2007i	-37.5434+6.4393i
14.2	-1.0827+0.2930i	-1.0710+0.2916i	-0.8802+0.2354i	-0.9019+0.2417i	77.6032-16.8562i	-82.7982+15.0027i	51.6319-11.7147i	-39.6599+7.2876i
14.3	-1.1368+0.3320i	-1.1270+0.3308i	-0.9246+0.2652i	-0.9460+0.2750i	81.0410-19.4608i	-86.5702+17.2166i	53.9940-13.5057i	-41.5817+8.3618i
14.4	-1.1914+0.3774i	-1.1846+0.3761i	-0.9692+0.3015i	-0.9909+0.3136i	84.3867-22.4789i	-90.5122+19.9078i	56.3821-15.5807i	-43.5929+9.6548i
14.5	-1.2450+0.4320i	-1.2393+0.4317i	-1.0113+0.3453i	-1.0347+0.3580i	87.8372-26.1062i	-94.2891+23.1785i	58.8644-18.0249i	-45.4937+11.2578i
14.6	-1.3158+0.5197i	-1.3167+0.5182i	-1.0702+0.4127i	-1.0941+0.4288i	92.6581-31.4211i	-99.4805+27.7805i	62.2594-21.6348i	-48.1326+13.4571i
14.7	-1.3564+0.6095i	-1.3590+0.6075i	-1.1041+0.4823i	-1.1265+0.5044i	95.4210-37.2506i	-103.0112+32.6276i	64.1696-25.5990i	-49.9810+15.7864i
14.8	-1.3499+0.6955i	-1.3611+0.6984i	-1.1081+0.5532i	-1.1214+0.5775i	95.2421-42.6699i	-105.0961+38.0245i	64.2795-29.4420i	-51.2427+18.4707i
14.9	-1.3500+0.7126i	-1.3620+0.7300i	-1.1130+0.5744i	-1.1171+0.5958i	95.5240-43.9513i	-106.7486+39.9095i	64.6617-30.4062i	-52.2180+19.4589i
15.0	-1.4217+0.6876i	-1.3982+0.7046i	-1.1587+0.5598i	-1.1624+0.5739i	100.0921-42.4577i	-112.1976+40.0260i	67.8993-29.6135i	-55.0696+19.6828i
15.1	-1.5942+0.6835i	-1.5705+0.6630i	-1.2983+0.5493i	-1.3012+0.5564i	110.9464-42.4885i	-123.8441+40.9543i	75.5701-29.8079i	-60.9669+20.2659i
15.2	-1.8108+0.7896i	-1.8084+0.7706i	-1.4783+0.6393i	-1.4814+0.6408i	125.0710-49.0795i	-137.9687+48.5999i	85.3630-34.4950i	-67.9697+24.2117i
15.3	-2.0291+0.9468i	-2.0361+0.9306i	-1.6551+0.7704i	-1.6620+0.7670i	139.2857-58.9548i	-152.0387+59.1642i	95.0947-41.3645i	-74.9883+29.5463i
15.4	-2.3997+1.2837i	-2.4098+1.2691i	-1.9473+1.0444i	-1.9646+1.0400i	163.4793-80.0878i	-175.4168+81.1447i	111.7927-56.2586i	-86.5659+40.6023i
15.5	-2.6513+1.6803i	-2.6628+1.6690i	-2.1419+1.3664i	-2.1678+1.3615i	180.5530-105.5840i	-191.3117+106.3910i	123.3861-74.0669i	-94.3322+53.1631i
15.6	-2.8729+2.3570i	-2.8880+2.3412i	-2.3114+1.9073i	-2.3450+1.9033i	195.5163-149.5271i	-205.9650+148.5796i	133.4583-104.4001i	-101.5981+74.0361i
15.7	-2.6649+3.5700i	-2.6902+3.5586i	-2.1389+2.8768i	-2.1821+2.8814i	183.3290-227.8151i	-194.7334+225.6688i	124.8925-158.4740i	-96.1171+112.3487i
15.8	-1.6724+4.4904i	-1.7085+4.4831i	-1.3422+3.6062i	-1.3866+3.6241i	120.3367-288.3185i	-134.0127+284.4550i	81.3517-200.1505i	-66.0745+141.4575i
15.9	-0.0346+4.7803i	-0.0738+4.7874i	-0.0343+3.8280i	-0.0719+3.8605i	15.3258-307.5608i	-32.1446+305.4895i	8.7032-213.3585i	-15.6379+152.0836i
16.0	1.1414+4.2987i	1.1040+4.3144i	0.9005+3.4347i	0.8755+3.4750i	-60.4231-277.4396i	41.7332+277.8243i	-43.6085-192.5115i	21.0152+138.5454i
16.1	1.6695+3.4134i	1.6353+3.4344i	1.3134+2.7226i	1.3002+2.7653i	-93.7153-222.2731i	75.2769+223.8525i	-66.3945-154.2400i	37.7018+111.7807i
16.2	1.8543+2.6999i	1.8259+2.7267i	1.4566+2.1544i	1.4493+2.1943i	-103.7799-178.1173i	88.1041+179.8327i	-73.5737-123.6478i	44.3076+89.8551i
16.3	1.7679+2.2536i	1.7444+2.2825i	1.3858+1.8036i	1.3817+1.8394i	-97.2858-152.4081i	83.4164+151.9757i	-69.1021-105.6724i	42.1062+75.7919i
16.4	1.6025+1.9097i	1.5822+1.9388i	1.2506+1.5320i	1.2480+1.5663i	-87.8709-135.5462i	72.3792+129.9054i	-62.2537-93.6906i	36.4236+64.3815i
16.5	1.4783+1.7585i	1.4589+1.7868i	1.1499+1.4157i	1.1490+1.4474i	-83.4074-130.9497i	62.8488+119.7732i	-58.7730-90.1188i	31.1661+58.8599i
16.6	1.4270+1.6276i	1.4089+1.6592i	1.1085+1.3183i	1.1120+1.3476i	-88.5587-128.4282i	55.6113+112.0992i	-61.4541-88.0590i	26.3658+54.6276i
16.7	1.4323+1.5950i	1.4156+1.6304i	1.1156+1.2955i	1.1206+1.3233i	-99.1824-123.8697i	53.1431+114.7230i	-67.9280-85.5178i	23.9217+56.7017i
16.8	1.5454+1.4950i	1.5327+1.5363i	1.2118+1.2177i	1.2171+1.2426i	-117.0950-110.3119i	58.8959+114.8303i	-79.4145-77.2595i	25.6994+58.1123i
16.9	1.5835+1.1889i	1.5802+1.2279i	1.2479+0.9695i	1.2508+0.9914i	-121.8885-81.3394i	62.8803+98.7320i	-82.6230-57.9937i	27.6369+51.2884i
17.0	1.4832+1.1080i	1.4797+1.1475i	1.1694+0.9053i	1.1706+0.9274i	-118.2080-68.9768i	55.4549+99.0774i	-79.6917-50.3693i	23.5703+52.7654i
17.1	1.4735+1.0650i	1.4714+1.1072i	1.1632+0.8692i	1.1655+0.8961i	-118.5695-50.9368i	57.8642+107.9167i	-80.2037-40.1078i	25.0443+59.8853i
17.2	1.5682+0.9074i	1.5749+0.9502i	1.2379+0.7384i	1.2491+0.7635i	-108.9092-22.4816i	79.2094+105.9092i	-75.9876-22.4719i	38.8539+61.4101i
17.3	1.5410+0.6963i	1.5537+0.7357i	1.2137+0.5686i	1.2279+0.5866i	-86.4736-11.2162i	91.1647+86.5174i	-63.1274-13.9107i	48.2128+50.8558i
17.4	1.4212+0.5789i	1.4334+0.6133i	1.1164+0.4762i	1.1276+0.4910i	-73.4570-13.9955i	84.8268+71.1744i	-54.5881-14.4332i	45.6662+41.4026i
17.5	1.3240+0.4994i	1.3356+0.5311i	1.0370+0.4134i	1.0457+0.4273i	-64.4767-14.2820i	78.8109+62.7863i	-48.5396-13.9877i	42.9456+36.3759i
17.6	1.2529+0.4500i	1.2647+0.4785i	0.9791+0.3741i	0.9872+0.3873i	-57.0731-15.4412i	75.3734+57.3980i	-43.6925-14.2765i	41.6162+33.0702i
17.7	1.1786+0.4125i	1.1896+0.4390i	0.9195+0.3449i	0.9262+0.3568i	-51.4979-18.6019i	70.6462+52.1542i	-39.8624-15.7899i	39.3504+29.6377i
17.8	1.1268+0.3943i	1.1365+0.4221i	0.8773+0.3336i	0.8832+0.3440i	-49.1076-21.1475i	66.6187+50.3451i	-38.0696-17.2804i	37.1893+28.3332i
17.9	1.0847+0.3819i	1.0943+0.4105i	0.8459+0.3270i	0.8503+0.3377i	-47.7694-23.5750i	64.6321+49.8016i	-37.2078-18.7656i	36.1659+27.8095i
18.0	1.0706+0.3559i	1.0825+0.3864i	0.8387+0.3076i	0.8413+0.3187i	-48.6100-24.3126i	65.5844+47.4123i	-37.8431-19.0519i	36.6928+26.3189i
18.1	1.0464+0.3181i	1.0604+0.3486i	0.8220+0.2765i	0.8236+0.2880i	-48.9178-23.0108i	64.8335+43.1047i	-38.0202-17.8586i	36.2450+23.8648i
18.2	1.0328+0.2745i	1.0475+0.3055i	0.8123+0.2408i	0.8129+0.2538i	-49.5010-20.8869i	64.2740+39.1126i	-38.3593-16.2395i	35.8760+21.6756i

18.3	1.0099+0.2342i	1.0262+0.2637i	0.7957+0.2069i	0.7960+0.2215i	-49.1576-18.4503i	63.1957+35.2873i	-38.0570-14.4449i	35.2939+19.6070i
18.4	0.9672+0.2057i	0.9860+0.2332i	0.7610+0.1812i	0.7630+0.1976i	-46.7361-15.9863i	60.4204+32.1869i	-36.3843-12.6134i	33.8773+17.9801i
18.5	0.9265+0.1770i	0.9449+0.2058i	0.7250+0.1586i	0.7306+0.1761i	-43.5667-13.8111i	56.8827+30.2414i	-34.1177-11.1835i	32.0619+17.0216i
18.6	0.8980+0.1606i	0.9166+0.1898i	0.6998+0.1477i	0.7098+0.1629i	-40.5218-13.3540i	55.6441+29.8961i	-32.1478-10.8548i	31.6410+16.8860i
18.7	0.8748+0.1471i	0.8962+0.1762i	0.6846+0.1410i	0.6936+0.1507i	-39.4818-14.9609i	56.0919+28.4155i	-31.5834-11.7215i	32.0554+15.8542i
18.8	0.8580+0.1255i	0.8813+0.1549i	0.6746+0.1242i	0.6815+0.1332i	-39.9439-14.6814i	55.8278+25.8600i	-31.8593-11.3793i	31.8892+14.3386i
18.9	0.8379+0.1072i	0.8622+0.1344i	0.6598+0.1077i	0.6664+0.1165i	-39.6922-13.7996i	54.9509+23.2226i	-31.6713-10.5438i	31.4087+12.8344i
19.0	0.8184+0.0878i	0.8455+0.1140i	0.6458+0.0900i	0.6515+0.0986i	-39.3420-12.1999i	54.0826+20.6083i	-31.4066-9.3298i	30.9538+11.3923i
19.1	0.7935+0.0654i	0.8215+0.0911i	0.6261+0.0710i	0.6310+0.0792i	-38.0870-10.4815i	51.9453+17.4592i	-30.4593-7.9861i	29.7926+9.6433i
19.2	0.7711+0.0520i	0.7991+0.0746i	0.6077+0.0589i	0.6123+0.0664i	-36.7831-9.3139i	49.7129+15.3582i	-29.4761-7.0526i	28.5718+8.4821i
19.3	0.7492+0.0365i	0.7779+0.0582i	0.5892+0.0453i	0.5932+0.0530i	-35.3468-8.2028i	47.2372+13.6259i	-28.3575-6.2330i	27.2210+7.5284i
19.4	0.7286+0.0234i	0.7580+0.0443i	0.5711+0.0355i	0.5744+0.0427i	-33.6612-7.5392i	44.8165+12.4951i	-27.1372-5.7119i	25.9169+6.9109i
19.5	0.7064+0.0079i	0.7377+0.0282i	0.5528+0.0235i	0.5561+0.0320i	-32.2912-6.8887i	42.7542+11.5615i	-26.1539-5.2163i	24.8117+6.4185i
19.6	0.6902-0.0057i	0.7226+0.0145i	0.5404+0.0123i	0.5420+0.0232i	-31.3117-6.2941i	40.9068+11.2410i	-25.2764-4.8811i	23.8091+6.3000i
19.7	0.6707-0.0196i	0.7039+0.0010i	0.5250+0.0019i	0.5267+0.0143i	-30.2072-5.9631i	39.3770+10.8059i	-24.4635-4.6355i	23.0029+6.0837i
19.8	0.6482-0.0321i	0.6862-0.0139i	0.5077-0.0067i	0.5120+0.0056i	-29.0631-5.7194i	38.4078+10.5163i	-23.7431-4.4615i	22.5388+5.9523i
19.9	0.6270-0.0363i	0.6680-0.0221i	0.4925-0.0114i	0.4990+0.0006i	-28.1279-5.4483i	37.5244+10.0228i	-23.1282-4.2543i	22.1175+5.6780i
20.0	0.6096-0.0397i	0.6519-0.0270i	0.4778-0.0146i	0.4860-0.0032i	-27.0521-5.1899i	36.4333+9.2875i	-22.3596-4.0281i	21.5777+5.2452i
20.1	0.5939-0.0459i	0.6378-0.0349i	0.4655-0.0192i	0.4738-0.0090i	-26.3006-4.8673i	35.2964+8.5611i	-21.7796-3.8404i	20.9796+4.8209i
20.2	0.5740-0.0518i	0.6201-0.0443i	0.4515-0.0244i	0.4598-0.0164i	-25.3158-4.7109i	34.0009+7.6308i	-21.1095-3.6629i	20.2937+4.2672i
20.3	0.5642-0.0535i	0.6121-0.0491i	0.4449-0.0264i	0.4519-0.0196i	-24.7579-4.7298i	32.9336+7.3805i	-20.6666-3.6322i	19.7007+4.1181i
20.4	0.5525-0.0606i	0.6007-0.0598i	0.4356-0.0323i	0.4407-0.0253i	-24.0328-4.4401i	31.5860+6.9108i	-20.0829-3.4634i	18.9762+3.8646i
20.5	0.5398-0.0657i	0.5889-0.0669i	0.4246-0.0381i	0.4302-0.0301i	-23.0869-4.0369i	30.2471+6.5343i	-19.4329-3.2025i	18.2460+3.6750i
20.6	0.5307-0.0696i	0.5791-0.0750i	0.4154-0.0410i	0.4223-0.0335i	-22.2926-4.1389i	29.2813+6.3290i	-18.8504-3.1725i	17.7370+3.5560i
20.7	0.5215-0.0701i	0.5680-0.0801i	0.4077-0.0429i	0.4136-0.0363i	-21.6789-4.1435i	28.3089+6.0229i	-18.3377-3.0796i	17.2257+3.3891i
20.8	0.5120-0.0765i	0.5578-0.0899i	0.4000-0.0486i	0.4051-0.0431i	-21.0875-4.0332i	27.3191+5.7770i	-17.8694-3.0437i	16.6953+3.2557i
20.9	0.5022-0.0871i	0.5475-0.1049i	0.3923-0.0570i	0.3970-0.0509i	-20.5268-4.0106i	26.5049+5.8188i	-17.5275-3.0741i	16.2524+3.2921i
21.0	0.4965-0.0986i	0.5429-0.1189i	0.3873-0.0652i	0.3914-0.0580i	-19.8786-3.9554i	25.6367+5.9099i	-17.0666-3.0851i	15.7859+3.3454i
21.1	0.4855-0.1079i	0.5287-0.1338i	0.3778-0.0723i	0.3822-0.0661i	-19.2167-3.9440i	24.7219+5.8721i	-16.5729-3.0870i	15.2925+3.3312i
21.2	0.4748-0.1159i	0.5156-0.1462i	0.3686-0.0789i	0.3735-0.0733i	-18.7992-3.9726i	24.2667+5.9040i	-16.3043-3.1151i	15.0692+3.3689i
21.3	0.4650-0.1297i	0.5040-0.1675i	0.3601-0.0902i	0.3652-0.0841i	-18.3295-3.9855i	23.5232+6.0894i	-15.9493-3.2175i	14.6905+3.4933i
21.4	0.4515-0.1392i	0.4864-0.1806i	0.3486-0.0974i	0.3542-0.0910i	-17.9131-3.9683i	22.9391+6.1320i	-15.6558-3.2393i	14.3952+3.5321i
21.5	0.4363-0.1457i	0.4653-0.1915i	0.3361-0.1035i	0.3419-0.0965i	-17.6941-4.1367i	22.4872+6.2363i	-15.4372-3.3079i	14.1689+3.5941i
21.6	0.4276-0.1563i	0.4523-0.2054i	0.3280-0.1108i	0.3327-0.1042i	-17.2491-4.1927i	21.8472+6.2105i	-15.1135-3.3565i	13.8240+3.5837i
21.7	0.4112-0.1580i	0.4277-0.2040i	0.3148-0.1104i	0.3186-0.1048i	-16.9229-4.0780i	21.5190+6.0386i	-14.9533-3.2438i	13.6692+3.4999i
21.8	0.3900-0.1657i	0.3981-0.2135i	0.2980-0.1163i	0.3021-0.1103i	-16.6463-4.0732i	21.1708+6.0585i	-14.7903-3.2626i	13.4980+3.5358i
21.9	0.3782-0.1700i	0.3814-0.2190i	0.2876-0.1194i	0.2925-0.1132i	-16.3974-4.0791i	20.9027+6.1335i	-14.6195-3.3045i	13.3720+3.5762i
22.0	0.3629-0.1707i	0.3581-0.2185i	0.2739-0.1190i	0.2799-0.1136i	-16.1554-4.0119i	20.6817+6.0547i	-14.4348-3.2582i	13.3004+3.5369i
22.1	0.3510-0.1662i	0.3388-0.2073i	0.2626-0.1146i	0.2700-0.1096i	-15.8831-3.8078i	20.3549+5.6760i	-14.2306-3.0852i	13.1528+3.3195i
22.2	0.3455-0.1666i	0.3295-0.2021i	0.2573-0.1145i	0.2644-0.1081i	-15.5484-3.7120i	20.0457+5.5753i	-14.0612-3.0420i	12.9828+3.2573i
22.3	0.3292-0.1690i	0.3073-0.1981i	0.2447-0.1145i	0.2510-0.1083i	-15.1454-3.6420i	19.6609+5.3234i	-13.8986-2.9475i	12.8122+3.1171i
22.4	0.3254-0.1699i	0.3015-0.1932i	0.2412-0.1122i	0.2472-0.1070i	-14.9326-3.6981i	19.2890+5.3535i	-13.7289-3.0034i	12.6183+3.1299i
22.5	0.3246-0.1815i	0.3001-0.2002i	0.2390-0.1176i	0.2447-0.1130i	-14.5795-3.7375i	18.7487+5.3563i	-13.4222-2.9827i	12.3293+3.1475i
22.6	0.3161-0.1829i	0.2892-0.1973i	0.2321-0.1183i	0.2381-0.1123i	-14.2519-3.5146i	18.3881+5.1174i	-13.1848-2.8559i	12.1591+3.0308i
22.7	0.3059-0.1920i	0.2808-0.2006i	0.2259-0.1228i	0.2315-0.1160i	-13.9605-3.5824i	17.9943+5.2783i	-12.9990-2.9559i	11.9693+3.1191i
22.8	0.2876-0.2040i	0.2625-0.2118i	0.2137-0.1295i	0.2194-0.1242i	-13.7651-3.6508i	17.8376+5.3044i	-12.9155-3.0234i	11.8857+3.1363i
22.9	0.2755-0.2230i	0.2510-0.2262i	0.2058-0.1398i	0.2106-0.1345i	-13.5181-3.8909i	17.4407+5.5367i	-12.7054-3.2072i	11.6977+3.2692i
23.0	0.2409-0.2563i	0.2217-0.2559i	0.1846-0.1593i	0.1918-0.1547i	-13.4447-4.1306i	17.5450+5.7703i	-12.7474-3.4126i	11.8123+3.4109i
23.1	0.2085-0.2495i	0.1909-0.2452i	0.1635-0.1546i	0.1709-0.1501i	-13.3913-4.0288i	17.4451+5.5288i	-12.7551-3.2620i	11.7786+3.2819i
23.2	0.1695-0.2399i	0.1538-0.2345i	0.1391-0.1482i	0.1460-0.1440i	-13.6130-3.9227i	17.5919+5.4175i	-12.9203-3.1773i	11.8858+3.2144i
23.3	0.1151-0.2278i	0.1042-0.2235i	0.1059-0.1403i	0.1133-0.1375i	-13.7196-3.7536i	17.8851+5.1438i	-13.1168-3.0731i	12.0990+3.0591i
23.4	0.0959-0.2092i	0.0871-0.2036i	0.0934-0.1289i	0.1016-0.1260i	-13.6696-3.5366i	17.7193+4.8618i	-13.0600-2.9159i	12.0382+2.8893i
23.5	0.0884-0.1881i	0.0819-0.1788i	0.0895-0.1145i	0.0979-0.1105i	-13.4875-3.3305i	17.4653+4.5135i	-12.9228-2.7185i	11.9045+2.6709i
23.6	0.0800-0.1433i	0.0737-0.1362i	0.0842-0.0865i	0.0910-0.0849i	-13.2725-2.9850i	17.1563+3.8179i	-12.7838-2.3177i	11.7477+2.2456i
23.7	0.0830-0.1181i	0.0757-0.1099i	0.0844-0.0718i	0.0914-0.0704i	-12.9877-2.8685i	16.7804+3.4686i	-12.5598-2.1402i	11.5466+2.0388i
23.8	0.0815-0.0984i	0.0757-0.0905i	0.0834-0.0609i	0.0899-0.0590i	-12.6908-2.5756i	16.3705+3.2342i	-12.3381-1.9708i	11.3306+1.8963i
23.9	0.0909-0.0865i	0.0851-0.0775i	0.0881-0.0530i	0.0950-0.0511i	-12.4207-2.5329i	15.9865+3.1381i	-12.1194-1.9129i	11.1220+1.8278i
24.0	0.0946-0.0778i	0.0921-0.0675i	0.0907-0.0482i	0.0975-0.0453i	-12.0746-2.4366i	15.5315+2.9915i	-11.8850-1.8538i	10.8788+1.7461i
24.1	0.1012-0.0738i	0.1005-0.0624i	0.0956-0.0453i	0.1014-0.0426i	-11.8501-2.3983i	15.1064+3.0168i	-11.6834-1.8406i	10.6303+1.7571i
24.2	0.1079-0.0634i	0.1072-0.0512i	0.0990-0.0365i	0.1041-0.0355i	-11.5740-2.3466i	14.6061+2.8828i	-11.4408-1.7491i	10.3443+1.6731i
24.3	0.1153-0.0563i	0.1169-0.0431i	0.1031-0.0322i	0.1087-0.0306i	-11.2241-2.2939i	14.3073+2.7749i	-11.2506-1.6909i	10.2052+1.6110i
24.4	0.1188-0.0539i	0.1212-0.0412i	0.1048-0.0316i	0.1100-0.0303i	-11.1357-2.1609i	14.0837+2.7129i	-11.1305-1.6601i	10.0975+1.5684i
24.5	0.1190-0.0539i	0.1248-0.0414i	0.1054-0.0316i	0.1109-0.0302i	-10.9027-2.1394i	13.7777+2.6829i	-11.0011-1.6453i	9.9230+1.5688i

24.6	0.1222-0.0486i	0.1306-0.0373i	0.1084-0.0286i	0.1131-0.0273i	-10.6932-2.1048i	13.4417+2.7038i	-10.8241-1.6268i	9.7347+1.5809i
24.7	0.1257-0.0494i	0.1350-0.0393i	0.1098-0.0300i	0.1143-0.0282i	-10.5864-2.2431i	13.2227+2.7890i	-10.7032-1.6667i	9.6139+1.6257i
24.8	0.1269-0.0484i	0.1378-0.0397i	0.1104-0.0304i	0.1155-0.0276i	-10.4447-2.0434i	13.0071+2.7046i	-10.5839-1.5985i	9.5098+1.5951i
24.9	0.1285-0.0501i	0.1414-0.0407i	0.1117-0.0305i	0.1172-0.0293i	-10.2312-1.9287i	12.7410+2.6412i	-10.4288-1.5663i	9.3840+1.5595i
25.0	0.1247-0.0500i	0.1405-0.0424i	0.1103-0.0311i	0.1154-0.0293i	-10.1074-1.9940i	12.5578+2.5401i	-10.3538-1.5201i	9.2943+1.5053i
25.1	0.1249-0.0499i	0.1416-0.0443i	0.1093-0.0319i	0.1142-0.0305i	-9.8268-1.9140i	12.3311+2.5441i	-10.2050-1.5140i	9.1711+1.5080i
25.2	0.1281-0.0486i	0.1440-0.0449i	0.1101-0.0312i	0.1152-0.0305i	-9.6531-1.8413i	12.0881+2.4979i	-10.0658-1.4996i	9.0395+1.4721i
25.3	0.1305-0.0491i	0.1465-0.0480i	0.1111-0.0319i	0.1166-0.0317i	-9.4447-1.8860i	11.9006+2.5388i	-9.9249-1.5450i	8.9429+1.4950i
25.4	0.1275-0.0493i	0.1437-0.0503i	0.1098-0.0326i	0.1141-0.0330i	-9.1700-1.9115i	11.7056+2.4801i	-9.8041-1.5145i	8.8513+1.4633i
25.5	0.1278-0.0508i	0.1451-0.0525i	0.1103-0.0335i	0.1146-0.0340i	-9.0910-1.9016i	11.5583+2.4559i	-9.7110-1.5137i	8.7844+1.4581i
25.6	0.1295-0.0526i	0.1470-0.0564i	0.1097-0.0359i	0.1147-0.0367i	-8.8739-2.0364i	11.2924+2.4563i	-9.5648-1.5532i	8.6489+1.4608i
25.7	0.1293-0.0539i	0.1458-0.0600i	0.1088-0.0370i	0.1136-0.0382i	-8.6658-2.0079i	11.0159+2.4709i	-9.4647-1.5799i	8.4984+1.4623i
25.8	0.1272-0.0539i	0.1429-0.0603i	0.1081-0.0369i	0.1115-0.0384i	-8.6428-1.9847i	10.8682+2.4206i	-9.4131-1.5561i	8.4207+1.4281i
25.9	0.1299-0.0567i	0.1432-0.0647i	0.1085-0.0399i	0.1117-0.0413i	-8.4997-1.9889i	10.6507+2.4347i	-9.2891-1.5776i	8.3032+1.4449i
26.0	0.1321-0.0577i	0.1444-0.0668i	0.1101-0.0415i	0.1120-0.0435i	-8.3800-1.9634i	10.4094+2.4396i	-9.2026-1.6096i	8.1691+1.4500i
26.1	0.1308-0.0583i	0.1436-0.0680i	0.1096-0.0408i	0.1105-0.0439i	-8.2762-2.0141i	10.1979+2.4662i	-9.1253-1.5972i	8.0615+1.4618i
26.2	0.1299-0.0605i	0.1436-0.0701i	0.1083-0.0426i	0.1094-0.0445i	-8.0538-1.9381i	9.8747+2.5177i	-8.9687-1.5939i	7.8893+1.5059i
26.3	0.1310-0.0606i	0.1437-0.0709i	0.1086-0.0435i	0.1096-0.0451i	-7.9150-1.9379i	9.6471+2.5942i	-8.8304-1.5906i	7.7591+1.5488i
26.4	0.1323-0.0651i	0.1422-0.0765i	0.1090-0.0473i	0.1099-0.0484i	-7.8319-2.0590i	9.5631+2.6956i	-8.7797-1.6564i	7.7118+1.6238i
26.5	0.1335-0.0703i	0.1428-0.0830i	0.1094-0.0512i	0.1103-0.0520i	-7.6671-2.0704i	9.3131+2.8324i	-8.6586-1.7167i	7.5814+1.7186i
26.6	0.1323-0.0754i	0.1399-0.0895i	0.1077-0.0559i	0.1087-0.0561i	-7.5553-2.1290i	9.1304+2.9532i	-8.5353-1.7839i	7.4935+1.8078i
26.7	0.1297-0.0815i	0.1355-0.0942i	0.1052-0.0602i	0.1051-0.0599i	-7.3280-2.1246i	9.0575+3.0984i	-8.4905-1.8436i	7.4762+1.9047i
26.8	0.1261-0.0874i	0.1288-0.0990i	0.1016-0.0631i	0.1010-0.0628i	-7.3439-2.2086i	9.0848+3.1926i	-8.4879-1.9129i	7.5111+1.9645i
26.9	0.1214-0.0930i	0.1232-0.1052i	0.0978-0.0668i	0.0970-0.0661i	-7.3005-2.3951i	9.0736+3.2597i	-8.4685-2.0169i	7.5128+2.0068i
27.0	0.1219-0.0961i	0.1229-0.1087i	0.0975-0.0704i	0.0964-0.0679i	-7.2390-2.5272i	8.9743+3.4152i	-8.4087-2.1236i	7.4686+2.0973i
27.1	0.1196-0.0980i	0.1203-0.1118i	0.0956-0.0721i	0.0943-0.0701i	-7.1509-2.6231i	8.8437+3.4859i	-8.3722-2.1550i	7.4167+2.1448i
27.2	0.1127-0.1068i	0.1120-0.1199i	0.0898-0.0785i	0.0884-0.0760i	-7.1318-2.5853i	8.8016+3.6359i	-8.4024-2.2723i	7.4224+2.2609i
27.3	0.1094-0.1151i	0.1075-0.1258i	0.0865-0.0832i	0.0856-0.0809i	-7.1437-2.7579i	8.8417+3.8291i	-8.4280-2.3821i	7.4561+2.3782i
27.4	0.1051-0.1226i	0.1002-0.1329i	0.0797-0.0881i	0.0811-0.0852i	-7.1870-2.8858i	8.9180+3.9431i	-8.4913-2.4648i	7.5267+2.4528i
27.5	0.0979-0.1279i	0.0930-0.1367i	0.0748-0.0907i	0.0764-0.0881i	-7.3152-2.9561i	9.0347+4.0010i	-8.5837-2.5093i	7.5975+2.4924i
27.6	0.0869-0.1370i	0.0814-0.1442i	0.0672-0.0961i	0.0683-0.0929i	-7.4267-2.9911i	9.1822+4.0507i	-8.6982-2.5387i	7.7070+2.5567i
27.7	0.0752-0.1470i	0.0689-0.1518i	0.0593-0.1021i	0.0607-0.1003i	-7.5926-2.9967i	9.2920+4.1044i	-8.8262-2.5750i	7.8232+2.6067i
27.8	0.0579-0.1555i	0.0516-0.1573i	0.0479-0.1072i	0.0490-0.1041i	-7.6338-3.0416i	9.4820+4.1469i	-8.9761-2.5937i	7.9809+2.6239i
27.9	0.0426-0.1601i	0.0376-0.1611i	0.0372-0.1103i	0.0396-0.1071i	-7.7553-3.0991i	9.7374+4.1595i	-9.1242-2.6125i	8.1504+2.6294i
28.0	0.0175-0.1599i	0.0124-0.1592i	0.0192-0.1092i	0.0225-0.1063i	-8.0305-3.0101i	10.1149+4.0405i	-9.3759-2.5332i	8.4212+2.5437i
28.1	-0.0057-0.1472i	-0.0095-0.1468i	0.0033-0.1004i	0.0067-0.0980i	-8.2213-2.7547i	10.3024+3.7197i	-9.5486-2.3187i	8.5733+2.3417i
28.2	-0.0264-0.1333i	-0.0284-0.1324i	-0.0100-0.0909i	-0.0075-0.0882i	-8.2962-2.4921i	10.5335+3.4022i	-9.7206-2.0900i	8.7476+2.1514i
28.3	-0.0367-0.1199i	-0.0379-0.1183i	-0.0165-0.0817i	-0.0136-0.0786i	-8.3108-2.2822i	10.5892+3.1187i	-9.7827-1.9008i	8.8110+1.9723i
28.4	-0.0452-0.1003i	-0.0453-0.0990i	-0.0228-0.0679i	-0.0188-0.0666i	-8.3470-2.0054i	10.5488+2.6625i	-9.7827-1.5880i	8.8214+1.6744i
28.5	-0.0463-0.0826i	-0.0454-0.0797i	-0.0232-0.0550i	-0.0199-0.0538i	-8.2257-1.6445i	10.3809+2.2819i	-9.6666-1.3102i	8.7408+1.4186i
28.6	-0.0463-0.0697i	-0.0454-0.0679i	-0.0233-0.0471i	-0.0197-0.0456i	-8.0753-1.3550i	10.2438+1.9957i	-9.5845-1.1354i	8.6672+1.2316i
28.7	-0.0474-0.0573i	-0.0464-0.0569i	-0.0243-0.0391i	-0.0212-0.0384i	-7.9960-1.1328i	10.1132+1.6913i	-9.5126-0.9462i	8.6091+1.0399i
28.8	-0.0427-0.0470i	-0.0418-0.0465i	-0.0220-0.0329i	-0.0189-0.0315i	-7.7966-1.0658i	9.8992+1.4874i	-9.3754-0.7993i	8.4823+0.9108i
28.9	-0.0398-0.0400i	-0.0385-0.0395i	-0.0201-0.0274i	-0.0162-0.0259i	-7.7320-0.9507i	9.6974+1.3404i	-9.2549-0.7034i	8.3672+0.8029i
29.0	-0.0378-0.0342i	-0.0353-0.0331i	-0.0179-0.0233i	-0.0148-0.0216i	-7.5583-0.8807i	9.5432+1.1995i	-9.1576-0.6096i	8.2899+0.7024i
29.1	-0.0364-0.0288i	-0.0329-0.0276i	-0.0166-0.0190i	-0.0136-0.0177i	-7.3787-0.7508i	9.3012+1.0238i	-9.0376-0.5187i	8.1571+0.5924i
29.2	-0.0338-0.0236i	-0.0295-0.0230i	-0.0148-0.0165i	-0.0128-0.0152i	-7.2878-0.6271i	9.1188+0.9215i	-8.9301-0.4521i	8.0584+0.5311i
29.3	-0.0294-0.0193i	-0.0261-0.0194i	-0.0121-0.0141i	-0.0105-0.0128i	-7.0590-0.5898i	8.9056+0.8863i	-8.8021-0.4241i	7.9296+0.5183i
29.4	-0.0263-0.0157i	-0.0247-0.0163i	-0.0121-0.0113i	-0.0087-0.0093i	-6.9207-0.5874i	8.7465+0.8023i	-8.7128-0.3845i	7.8575+0.4783i
29.5	-0.0260-0.0151i	-0.0219-0.0139i	-0.0103-0.0095i	-0.0066-0.0091i	-6.7405-0.4978i	8.5389+0.7621i	-8.5966-0.3320i	7.7552+0.4339i
29.6	-0.0250-0.0139i	-0.0191-0.0120i	-0.0090-0.0086i	-0.0062-0.0085i	-6.6359-0.4206i	8.3550+0.7516i	-8.5047-0.3035i	7.6596+0.4110i
29.7	-0.0218-0.0140i	-0.0181-0.0104i	-0.0076-0.0082i	-0.0058-0.0079i	-6.6240-0.5023i	8.3024+0.6887i	-8.4454-0.2875i	7.6122+0.3733i
29.8	-0.0206-0.0095i	-0.0179-0.0072i	-0.0086-0.0053i	-0.0061-0.0046i	-6.4043-0.3825i	8.1293+0.5832i	-8.3568-0.2329i	7.5266+0.3202i
29.9	-0.0222-0.0057i	-0.0180-0.0050i	-0.0092-0.0029i	-0.0066-0.0027i	-6.3986-0.3006i	7.9878+0.5137i	-8.3098-0.2044i	7.4507+0.2884i
30.0	-0.0219-0.0067i	-0.0181-0.0053i	-0.0084-0.0044i	-0.0054-0.0033i	-6.2684-0.3198i	7.8899+0.4799i	-8.2379-0.2063i	7.4157+0.2643i
30.1	-0.0215-0.0030i	-0.0159-0.0029i	-0.0080-0.0030i	-0.0046-0.0008i	-6.1142-0.2849i	7.6773+0.4741i	-8.1287-0.1750i	7.3183+0.2509i
30.2	-0.0240-0.0013i	-0.0157-0.0009i	-0.0093-0.0012i	-0.0058-0.0005i	-5.9560-0.3255i	7.5744+0.4286i	-8.0797-0.1494i	7.2663+0.2246i
30.3	-0.0256-0.0009i	-0.0149-0.0001i	-0.0098-0.0003i	-0.0066+0.0012i	-5.9018-0.3064i	7.4647+0.3906i	-8.0239-0.0979i	7.2202+0.1960i
30.4	-0.0273+0.0014i	-0.0179+0.0000i	-0.0109+0.0004i	-0.0084+0.0022i	-5.8650-0.3302i	7.3492+0.3503i	-7.9956-0.0707i	7.1585+0.1594i
30.5	-0.0272+0.0036i	-0.0194+0.0016i	-0.0115+0.0013i	-0.0092+0.0021i	-5.8083-0.2958i	7.2797+0.3340i	-7.9495-0.0867i	7.1311+0.1571i
30.6	-0.0260+0.0049i	-0.0170+0.0036i	-0.0096+0.0021i	-0.0076+0.0035i	-5.7790-0.2246i	7.1755+0.3514i	-7.8964-0.1050i	7.0857+0.1503i
30.7	-0.0283+0.0060i	-0.0187+0.0042i	-0.0122+0.0026i	-0.0096+0.0040i	-5.6878-0.2489i	7.1113+0.2960i	-7.8750-0.0921i	7.0522+0.1111i
30.8	-0.0301+0.0083i	-0.0211+0.0046i	-0.0136+0.0040i	-0.0123+0.0043i	-5.5620-0.1490i	7.0390+0.2431i	-7.8354-0.0597i	7.0441+0.0940i

30.9	-0.0325+0.0126i	-0.0216+0.0084i	-0.0139+0.0076i	-0.0137+0.0069i	-5.5167-0.1390i	6.9491+0.2363i	-7.7919-0.0406i	7.0092+0.0894i
31.0	-0.0372+0.0168i	-0.0243+0.0103i	-0.0171+0.0090i	-0.0156+0.0090i	-5.4867-0.2327i	6.8381+0.2416i	-7.7604-0.0125i	6.9598+0.0791i
31.1	-0.0399+0.0201i	-0.0266+0.0113i	-0.0183+0.0097i	-0.0178+0.0106i	-5.4331-0.0993i	6.8084+0.1594i	-7.7270+0.0310i	6.9788+0.0360i
31.2	-0.0404+0.0240i	-0.0262+0.0140i	-0.0194+0.0121i	-0.0191+0.0131i	-5.2409+0.0615i	6.7349+0.0653i	-7.7340+0.0778i	6.9343-0.0369i
31.3	-0.0422+0.0287i	-0.0285+0.0167i	-0.0206+0.0150i	-0.0200+0.0165i	-5.1761-0.0450i	6.6368+0.0557i	-7.7042+0.1096i	6.8864-0.0614i
31.4	-0.0493+0.0360i	-0.0332+0.0190i	-0.0255+0.0191i	-0.0234+0.0190i	-5.1177-0.0322i	6.5537-0.0209i	-7.6745+0.1717i	6.8955-0.1218i
31.5	-0.0493+0.0481i	-0.0331+0.0268i	-0.0262+0.0247i	-0.0245+0.0249i	-5.1135+0.0581i	6.4537-0.0410i	-7.6438+0.2259i	6.8578-0.1404i
31.6	-0.0388+0.0602i	-0.0287+0.0356i	-0.0213+0.0311i	-0.0185+0.0322i	-5.0049+0.1220i	6.2658-0.1684i	-7.5796+0.2845i	6.7520-0.2171i
31.7	-0.0352+0.0660i	-0.0285+0.0381i	-0.0187+0.0338i	-0.0164+0.0339i	-4.8984+0.1641i	6.1644-0.2629i	-7.5517+0.3056i	6.7126-0.2880i
31.8	-0.0287+0.0718i	-0.0263+0.0416i	-0.0157+0.0367i	-0.0149+0.0377i	-4.7646+0.1990i	6.0358-0.2471i	-7.4794+0.3578i	6.6589-0.3031i
31.9	-0.0245+0.0796i	-0.0238+0.0455i	-0.0131+0.0421i	-0.0137+0.0431i	-4.6937+0.2542i	5.9034-0.2751i	-7.4138+0.4259i	6.5930-0.3376i
32.0	-0.0154+0.0734i	-0.0216+0.0450i	-0.0103+0.0396i	-0.0104+0.0415i	-4.5628+0.3087i	5.7627-0.3494i	-7.3740+0.4245i	6.5407-0.3834i
32.1	-0.0093+0.0705i	-0.0190+0.0460i	-0.0093+0.0381i	-0.0080+0.0396i	-4.5904+0.3169i	5.7169-0.3617i	-7.3768+0.4556i	6.5359-0.4021i
32.2	0.0003+0.0837i	-0.0170+0.0542i	-0.0060+0.0444i	-0.0054+0.0469i	-4.4731+0.3549i	5.5760-0.4420i	-7.2882+0.5482i	6.4743-0.4846i
32.3	-0.0005+0.0860i	-0.0178+0.0559i	-0.0060+0.0471i	-0.0051+0.0483i	-4.4310+0.3536i	5.4909-0.4915i	-7.2648+0.6236i	6.4588-0.5455i
32.4	0.0095+0.0849i	-0.0155+0.0587i	-0.0020+0.0483i	-0.0016+0.0487i	-4.2712+0.4022i	5.2913-0.4761i	-7.1937+0.6704i	6.3548-0.5620i
32.5	0.0292+0.0882i	-0.0054+0.0637i	0.0081+0.0514i	0.0071+0.0538i	-4.0964+0.4464i	5.0413-0.5895i	-7.0469+0.7687i	6.2167-0.6704i
32.6	0.0340+0.0828i	-0.0026+0.0630i	0.0114+0.0495i	0.0095+0.0536i	-3.9216+0.4521i	4.8471-0.6196i	-6.9702+0.8044i	6.1113-0.7182i
32.7	0.0369+0.0746i	-0.0028+0.0654i	0.0127+0.0479i	0.0109+0.0511i	-3.7371+0.4504i	4.7124-0.6462i	-6.9311+0.8310i	6.0559-0.7540i
32.8	0.0374+0.0719i	-0.0008+0.0677i	0.0123+0.0480i	0.0118+0.0497i	-3.6042+0.4271i	4.5508-0.6101i	-6.8471+0.8987i	5.9842-0.7980i
32.9	0.0432+0.0652i	0.0044+0.0650i	0.0168+0.0438i	0.0160+0.0469i	-3.5711+0.3083i	4.4335-0.5072i	-6.7430+0.8861i	5.9069-0.7893i
33.0	0.0432+0.0592i	0.0077+0.0640i	0.0183+0.0417i	0.0166+0.0469i	-3.5793+0.2035i	4.3245-0.4048i	-6.6572+0.9086i	5.8415-0.8192i
33.1	0.0414+0.0561i	0.0078+0.0634i	0.0165+0.0412i	0.0161+0.0473i	-3.4789+0.1696i	4.2145-0.3550i	-6.5973+0.9435i	5.7739-0.8423i
33.2	0.0439+0.0518i	0.0076+0.0634i	0.0171+0.0393i	0.0172+0.0466i	-3.3500+0.1178i	4.1163-0.3336i	-6.5308+0.9273i	5.6732-0.8670i
33.3	0.0436+0.0478i	0.0083+0.0601i	0.0170+0.0371i	0.0185+0.0435i	-3.3765+0.0010i	4.0315-0.2420i	-6.4757+0.8605i	5.5803-0.8122i
33.4	0.0397+0.0462i	0.0073+0.0607i	0.0150+0.0359i	0.0172+0.0428i	-3.3917-0.0152i	3.9967-0.1872i	-6.4778+0.8474i	5.5741-0.7980i
33.5	0.0409+0.0418i	0.0061+0.0614i	0.0146+0.0345i	0.0168+0.0410i	-3.3097-0.0239i	3.9379-0.1315i	-6.4950+0.8562i	5.5667-0.8236i
33.6	0.0437+0.0415i	0.0074+0.0633i	0.0152+0.0349i	0.0181+0.0426i	-3.1966-0.0515i	3.7483+0.0135i	-6.4307+0.9050i	5.4506-0.8216i
33.7	0.0428+0.0409i	0.0086+0.0674i	0.0151+0.0370i	0.0191+0.0453i	-3.1745-0.1424i	3.6228+0.1280i	-6.3978+0.9930i	5.3543-0.8612i
33.8	0.0442+0.0404i	0.0127+0.0728i	0.0169+0.0388i	0.0218+0.0476i	-3.2854-0.1779i	3.5581+0.2182i	-6.3132+1.1404i	5.2420-0.9603i
33.9	0.0506+0.0424i	0.0232+0.0802i	0.0221+0.0414i	0.0281+0.0515i	-3.2349-0.1943i	3.5043+0.2685i	-6.1744+1.2796i	5.1149-1.0699i
34.0	0.0571+0.0339i	0.0393+0.0751i	0.0296+0.0395i	0.0390+0.0478i	-3.1481-0.2627i	3.4279+0.5122i	-5.9088+1.3092i	4.8384-0.9961i
34.1	0.0562+0.0170i	0.0505+0.0548i	0.0331+0.0278i	0.0458+0.0328i	-3.2145-0.4179i	3.5179+0.8626i	-5.6101+1.1492i	4.5643-0.7201i
34.2	0.0504+0.0028i	0.0497+0.0373i	0.0309+0.0161i	0.0444+0.0206i	-3.2437-0.5367i	3.7427+1.0645i	-5.4043+0.9419i	4.4689-0.4863i
34.3	0.0367-0.0019i	0.0379+0.0294i	0.0206+0.0118i	0.0346+0.0142i	-3.4281-0.5205i	3.9945+0.9411i	-5.4505+0.7394i	4.5344-0.3071i
34.4	0.0228-0.0077i	0.0256+0.0207i	0.0123+0.0079i	0.0259+0.0075i	-3.6113-0.3294i	4.2597+0.8731i	-5.5651+0.5611i	4.6705-0.1241i
34.5	0.0074-0.0058i	0.0130+0.0190i	0.0045+0.0085i	0.0166+0.0056i	-3.6671-0.1951i	4.4196+0.6987i	-5.6523+0.4851i	4.7976-0.0316i
34.6	0.0017+0.0041i	0.0021+0.0277i	-0.0008+0.0142i	0.0103+0.0123i	-3.6499-0.0864i	4.4044+0.4650i	-5.7240+0.4686i	4.8766-0.0711i
34.7	-0.0035+0.0071i	-0.0041+0.0299i	-0.0058+0.0162i	0.0055+0.0133i	-3.6347+0.0072i	4.4401+0.3464i	-5.7908+0.4683i	4.9333-0.0802i
34.8	-0.0061+0.0150i	-0.0093+0.0370i	-0.0082+0.0212i	0.0008+0.0175i	-3.5786+0.1810i	4.3373+0.1924i	-5.8436+0.5081i	4.9816-0.0850i
34.9	-0.0067+0.0239i	-0.0114+0.0477i	-0.0082+0.0270i	-0.0012+0.0225i	-3.5468+0.3101i	4.1988+0.0667i	-5.8219+0.5918i	5.0008-0.1171i
35.0	-0.0087+0.0299i	-0.0116+0.0550i	-0.0084+0.0313i	-0.0023+0.0266i	-3.5794+0.3484i	4.1831-0.0304i	-5.8258+0.6553i	5.0205-0.1479i
35.1	-0.0131+0.0336i	-0.0131+0.0599i	-0.0116+0.0356i	-0.0047+0.0304i	-3.5343+0.5097i	4.1626-0.1097i	-5.8677+0.6885i	5.0510-0.1585i
35.2	-0.0105+0.0360i	-0.0086+0.0633i	-0.0092+0.0376i	-0.0027+0.0322i	-3.3678+0.4893i	4.0743-0.1178i	-5.8047+0.6895i	5.0394-0.1886i
35.3	-0.0093+0.0416i	-0.0074+0.0691i	-0.0090+0.0398i	-0.0029+0.0358i	-3.3103+0.4487i	3.9263-0.2249i	-5.7430+0.7093i	4.9814-0.2269i
35.4	-0.0087+0.0476i	-0.0025+0.0727i	-0.0060+0.0442i	0.0002+0.0385i	-3.1301+0.6450i	3.8173-0.3271i	-5.6863+0.8074i	4.9758-0.2549i
35.5	-0.0087+0.0468i	0.0005+0.0712i	-0.0048+0.0443i	0.0007+0.0395i	-3.2347+0.7927i	3.7487-0.3332i	-5.7055+0.8404i	4.9504-0.2470i
35.6	-0.0068+0.0515i	0.0012+0.0730i	-0.0048+0.0462i	0.0016+0.0418i	-3.1149+0.6940i	3.6824-0.3960i	-5.6742+0.8337i	4.9843-0.2935i
35.7	0.0009+0.0499i	0.0089+0.0723i	0.0012+0.0456i	0.0061+0.0395i	-2.9856+0.6449i	3.5391-0.3313i	-5.5921+0.8219i	4.9083-0.2607i
35.8	0.0024+0.0495i	0.0070+0.0702i	0.0010+0.0448i	0.0056+0.0380i	-2.8703+0.6860i	3.5287-0.3453i	-5.5581+0.7846i	4.9234-0.2602i
35.9	0.0038+0.0501i	0.0099+0.0718i	0.0029+0.0467i	0.0053+0.0390i	-2.6792+0.6543i	3.4184-0.3928i	-5.5125+0.7825i	4.9028-0.2994i
36.0	0.0044+0.0511i	0.0116+0.0704i	0.0038+0.0455i	0.0064+0.0395i	-2.6306+0.6339i	3.2949-0.3612i	-5.4560+0.7636i	4.8320-0.2873i
36.1	0.0039+0.0480i	0.0110+0.0682i	0.0028+0.0441i	0.0068+0.0374i	-2.6243+0.6245i	3.2824-0.2439i	-5.4518+0.7410i	4.8447-0.2128i
36.2	0.0048+0.0487i	0.0120+0.0681i	0.0035+0.0445i	0.0070+0.0384i	-2.6177+0.6733i	3.2166-0.2605i	-5.4153+0.7631i	4.8392-0.1954i
36.3	0.0059+0.0514i	0.0112+0.0662i	0.0026+0.0426i	0.0054+0.0369i	-2.5716+0.7895i	3.1196-0.2775i	-5.3566+0.7494i	4.8099-0.2146i
36.4	0.0012+0.0512i	0.0080+0.0697i	0.0007+0.0441i	0.0015+0.0374i	-2.5892+0.7818i	3.1637-0.2676i	-5.4035+0.7652i	4.8686-0.2079i
36.5	-0.0004+0.0538i	0.0087+0.0731i	0.0007+0.0456i	0.0009+0.0406i	-2.4873+0.7229i	3.1486-0.3318i	-5.3999+0.8099i	4.8932-0.2385i
36.6	0.0008+0.0560i	0.0097+0.0733i	0.0021+0.0479i	0.0030+0.0410i	-2.4028+0.7306i	3.0859-0.3398i	-5.3469+0.8291i	4.8731-0.2408i
36.7	-0.0001+0.0578i	0.0085+0.0774i	0.0024+0.0500i	0.0009+0.0428i	-2.3297+0.7819i	3.1587-0.4303i	-5.3852+0.8589i	4.9392-0.3048i
36.8	0.0038+0.0610i	0.0101+0.0840i	0.0036+0.0540i	0.0027+0.0482i	-2.2145+0.7938i	3.0609-0.5487i	-5.3267+0.8956i	4.8957-0.3695i
36.9	0.0101+0.0622i	0.0137+0.0823i	0.0059+0.0551i	0.0050+0.0483i	-2.0725+0.8427i	2.9024-0.5164i	-5.2381+0.8809i	4.8031-0.3669i
37.0	0.0112+0.0621i	0.0157+0.0812i	0.0079+0.0536i	0.0067+0.0483i	-2.0754+0.8201i	2.8486-0.4993i	-5.2084+0.8669i	4.7648-0.3847i
37.1	0.0191+0.0641i	0.0214+0.0815i	0.0119+0.0521i	0.0123+0.0489i	-2.1368+0.8010i	2.7313-0.4952i	-5.1382+0.8720i	4.7177-0.3719i

37.2	0.0214+0.0589i	0.0252+0.0812i	0.0133+0.0508i	0.0121+0.0472i	-1.9073+0.9277i	2.6383-0.5049i	-5.0662+0.8740i	4.7038-0.3533i
37.3	0.0215+0.0539i	0.0233+0.0823i	0.0137+0.0496i	0.0123+0.0462i	-1.8185+0.8826i	2.5836-0.5438i	-5.0538+0.8486i	4.6657-0.3900i
37.4	0.0302+0.0683i	0.0312+0.0900i	0.0195+0.0560i	0.0187+0.0538i	-1.7451+0.8356i	2.5160-0.6717i	-4.9456+0.9073i	4.6624-0.4977i
37.5	0.0231+0.0593i	0.0281+0.0902i	0.0156+0.0524i	0.0152+0.0508i	-1.8096+0.7503i	2.5924-0.5848i	-4.9957+0.8633i	4.7329-0.4195i
37.6	0.0203+0.0458i	0.0235+0.0847i	0.0144+0.0471i	0.0122+0.0440i	-1.8315+0.7352i	2.5478-0.5359i	-5.0291+0.8062i	4.7062-0.3717i
37.7	0.0185+0.0466i	0.0229+0.0809i	0.0133+0.0450i	0.0100+0.0421i	-1.7365+0.6855i	2.4605-0.5173i	-5.0187+0.7787i	4.6868-0.3605i
37.8	0.0186+0.0432i	0.0261+0.0863i	0.0132+0.0460i	0.0117+0.0423i	-1.5923+0.7284i	2.3661-0.5615i	-4.9894+0.8106i	4.6468-0.3824i
37.9	0.0166+0.0395i	0.0272+0.0880i	0.0112+0.0459i	0.0107+0.0437i	-1.5802+0.7846i	2.2635-0.5361i	-4.9501+0.8193i	4.5936-0.3708i
38.0	0.0122+0.0416i	0.0300+0.0863i	0.0100+0.0467i	0.0115+0.0436i	-1.6619+0.6452i	2.2415-0.5004i	-4.9260+0.7813i	4.5985-0.3504i
38.1	0.0065+0.0411i	0.0353+0.0837i	0.0109+0.0453i	0.0119+0.0434i	-1.5821+0.6136i	2.2289-0.5177i	-4.9289+0.7748i	4.6019-0.3735i
38.2	0.0031+0.0434i	0.0379+0.0823i	0.0111+0.0449i	0.0121+0.0439i	-1.4764+0.6909i	2.1891-0.4925i	-4.9412+0.7740i	4.5950-0.3612i
38.3	0.0022+0.0444i	0.0417+0.0847i	0.0132+0.0467i	0.0115+0.0429i	-1.3137+0.7348i	2.0791-0.5365i	-4.9030+0.7983i	4.5303-0.3714i
38.4	0.0027+0.0460i	0.0418+0.0825i	0.0130+0.0459i	0.0114+0.0429i	-1.3324+0.6808i	2.0541-0.5249i	-4.8983+0.8151i	4.5247-0.3640i
38.5	0.0031+0.0488i	0.0419+0.0772i	0.0134+0.0458i	0.0126+0.0441i	-1.3934+0.7689i	2.0324-0.5014i	-4.8634+0.8005i	4.5143-0.3570i
38.6	0.0030+0.0561i	0.0431+0.0706i	0.0140+0.0465i	0.0131+0.0438i	-1.5011+0.8126i	2.0198-0.5547i	-4.8234+0.8164i	4.5307-0.4212i
38.7	0.0053+0.0573i	0.0454+0.0695i	0.0162+0.0466i	0.0145+0.0438i	-1.2900+0.6805i	1.9290-0.5531i	-4.7393+0.7911i	4.4940-0.4009i
38.8	0.0095+0.0536i	0.0448+0.0718i	0.0160+0.0455i	0.0159+0.0432i	-1.1098+0.6446i	1.8180-0.5489i	-4.7249+0.8150i	4.4452-0.3616i
38.9	0.0080+0.0551i	0.0465+0.0699i	0.0155+0.0447i	0.0146+0.0431i	-1.0678+0.6938i	1.7546-0.5611i	-4.6989+0.8254i	4.4373-0.3844i
39.0	0.0044+0.0544i	0.0494+0.0658i	0.0163+0.0446i	0.0172+0.0425i	-1.0085+0.6815i	1.7902-0.5386i	-4.6710+0.7830i	4.4800-0.3537i
39.1	0.0080+0.0507i	0.0456+0.0645i	0.0169+0.0417i	0.0174+0.0403i	-0.9856+0.5656i	1.7260-0.5058i	-4.6410+0.7476i	4.4495-0.3431i
39.2	0.0117+0.0482i	0.0437+0.0642i	0.0155+0.0404i	0.0149+0.0396i	-0.9892+0.5905i	1.6718-0.4961i	-4.6241+0.7053i	4.4278-0.3530i
39.3	0.0047+0.0444i	0.0450+0.0642i	0.0130+0.0394i	0.0139+0.0385i	-0.9784+0.6300i	1.6750-0.5229i	-4.6340+0.6871i	4.4616-0.3561i
39.4	-0.0020+0.0407i	0.0456+0.0635i	0.0127+0.0382i	0.0119+0.0366i	-0.8782+0.4745i	1.6033-0.4919i	-4.5883+0.6522i	4.4287-0.3399i
39.5	0.0051+0.0471i	0.0440+0.0572i	0.0130+0.0387i	0.0121+0.0357i	-0.9060+0.3716i	1.5137-0.4127i	-4.5864+0.5943i	4.3813-0.2965i
39.6	0.0009+0.0442i	0.0453+0.0578i	0.0116+0.0381i	0.0113+0.0362i	-0.8253+0.4836i	1.5501-0.4378i	-4.5897+0.5906i	4.4173-0.3272i
39.7	-0.0090+0.0415i	0.0455+0.0596i	0.0095+0.0376i	0.0104+0.0349i	-0.9059+0.4707i	1.5359-0.4599i	-4.5650+0.5952i	4.4503-0.3306i
39.8	-0.0069+0.0514i	0.0443+0.0573i	0.0091+0.0383i	0.0104+0.0354i	-0.8050+0.4162i	1.5197-0.4577i	-4.5820+0.5960i	4.4531-0.3502i
39.9	0.0026+0.0507i	0.0437+0.0564i	0.0113+0.0371i	0.0117+0.0358i	-0.7677+0.4631i	1.4643-0.4691i	-4.5711+0.5995i	4.4192-0.3450i
40.0	-0.0034+0.0435i	0.0433+0.0545i	0.0092+0.0354i	0.0090+0.0359i	-0.7142+0.3638i	1.4022-0.4628i	-4.5843+0.5755i	4.4055-0.3459i
40.1	-0.0073+0.0456i	0.0405+0.0504i	0.0084+0.0336i	0.0068+0.0347i	-0.7380+0.3775i	1.3898-0.4789i	-4.5981+0.5698i	4.4290-0.3533i
40.2	-0.0095+0.0489i	0.0431+0.0493i	0.0076+0.0351i	0.0080+0.0355i	-0.7431+0.3975i	1.3727-0.4458i	-4.6120+0.5394i	4.4300-0.3622i
40.3	-0.0133+0.0511i	0.0417+0.0446i	0.0044+0.0334i	0.0067+0.0344i	-0.6585+0.3704i	1.3581-0.4437i	-4.6120+0.5062i	4.4679-0.3537i
40.4	-0.0124+0.0522i	0.0373+0.0465i	0.0035+0.0346i	0.0061+0.0345i	-0.6948+0.3151i	1.3255-0.5193i	-4.6317+0.5267i	4.4407-0.4035i
40.5	-0.0118+0.0572i	0.0350+0.0437i	0.0036+0.0377i	0.0050+0.0345i	-0.7067+0.3381i	1.2912-0.5271i	-4.6484+0.5025i	4.4299-0.4394i
40.6	-0.0114+0.0600i	0.0341+0.0451i	0.0034+0.0390i	0.0045+0.0347i	-0.6256+0.2941i	1.2505-0.5219i	-4.6350+0.4776i	4.4314-0.4472i
40.7	-0.0090+0.0608i	0.0338+0.0458i	0.0035+0.0391i	0.0036+0.0370i	-0.7990+0.2181i	1.1696-0.5066i	-4.6197+0.4759i	4.3678-0.4120i
40.8	-0.0094+0.0606i	0.0311+0.0456i	0.0024+0.0390i	0.0037+0.0367i	-0.8073+0.2634i	1.1101-0.5027i	-4.6341+0.4905i	4.3765-0.4034i
40.9	-0.0115+0.0617i	0.0282+0.0451i	0.0005+0.0389i	0.0022+0.0353i	-0.6291+0.3176i	1.1575-0.5206i	-4.6609+0.4717i	4.4183-0.4398i
41.0	-0.0096+0.0625i	0.0272+0.0434i	0.0014+0.0397i	0.0029+0.0369i	-0.6046+0.3966i	1.1330-0.5155i	-4.6834+0.4953i	4.3682-0.4403i
41.1	-0.0086+0.0641i	0.0247+0.0449i	0.0011+0.0404i	0.0023+0.0384i	-0.5853+0.4317i	1.0117-0.5966i	-4.7006+0.5438i	4.3159-0.4743i
41.2	-0.0121+0.0593i	0.0234+0.0420i	-0.0012+0.0395i	0.0009+0.0346i	-0.5768+0.2495i	1.0073-0.4990i	-4.6724+0.4744i	4.3563-0.4187i
41.3	-0.0123+0.0632i	0.0200+0.0409i	-0.0038+0.0403i	-0.0003+0.0358i	-0.6887+0.3303i	0.9878-0.5056i	-4.7003+0.5048i	4.3612-0.4545i
41.4	-0.0094+0.0673i	0.0195+0.0451i	-0.0025+0.0413i	-0.0001+0.0392i	-0.6879+0.3321i	0.9108-0.5445i	-4.7029+0.5622i	4.2933-0.4849i
41.5	-0.0095+0.0664i	0.0190+0.0434i	-0.0015+0.0403i	-0.0011+0.0378i	-0.5841+0.3721i	0.8661-0.5441i	-4.6875+0.5492i	4.2896-0.4665i
41.6	-0.0108+0.0638i	0.0130+0.0423i	-0.0032+0.0388i	-0.0034+0.0367i	-0.5538+0.4599i	0.8341-0.5044i	-4.7061+0.5065i	4.3101-0.4519i
41.7	-0.0120+0.0616i	0.0111+0.0434i	-0.0049+0.0385i	-0.0050+0.0367i	-0.5681+0.4888i	0.8197-0.5174i	-4.7137+0.5278i	4.3060-0.4723i
41.8	-0.0143+0.0599i	0.0113+0.0446i	-0.0064+0.0384i	-0.0058+0.0358i	-0.5473+0.4106i	0.8048-0.5068i	-4.7109+0.5363i	4.2949-0.4481i
41.9	-0.0175+0.0625i	0.0101+0.0450i	-0.0081+0.0390i	-0.0070+0.0381i	-0.5534+0.3895i	0.7669-0.4881i	-4.7305+0.5253i	4.3039-0.4287i
42.0	-0.0163+0.0642i	0.0084+0.0477i	-0.0084+0.0412i	-0.0073+0.0403i	-0.4953+0.4430i	0.7199-0.5055i	-4.7038+0.5406i	4.2738-0.4337i
42.1	-0.0154+0.0640i	0.0075+0.0483i	-0.0083+0.0408i	-0.0074+0.0403i	-0.3254+0.3245i	0.6635-0.4922i	-4.6819+0.5610i	4.2322-0.4302i
42.2	-0.0169+0.0642i	0.0072+0.0487i	-0.0102+0.0407i	-0.0075+0.0400i	-0.2716+0.3814i	0.6284-0.4159i	-4.6881+0.5427i	4.2363-0.4070i
42.3	-0.0180+0.0669i	0.0037+0.0480i	-0.0110+0.0420i	-0.0084+0.0422i	-0.3387+0.4686i	0.5786-0.4667i	-4.6884+0.5675i	4.2234-0.4168i
42.4	-0.0213+0.0667i	0.0008+0.0489i	-0.0143+0.0423i	-0.0109+0.0409i	-0.1985+0.5447i	0.5893-0.4859i	-4.7009+0.5552i	4.2481-0.4107i
42.5	-0.0248+0.0679i	-0.0076+0.0529i	-0.0167+0.0442i	-0.0146+0.0412i	-0.3178+0.5651i	0.5976-0.5188i	-4.7626+0.5821i	4.2823-0.4239i
42.6	-0.0204+0.0675i	-0.0115+0.0591i	-0.0165+0.0469i	-0.0150+0.0460i	-0.2645+0.4967i	0.6038-0.4812i	-4.7425+0.6028i	4.3318-0.3993i
42.7	-0.0145+0.0642i	-0.0045+0.0604i	-0.0117+0.0456i	-0.0105+0.0456i	-0.1674+0.4027i	0.5634-0.4827i	-4.6810+0.5929i	4.3029-0.4018i
42.8	-0.0198+0.0647i	-0.0013+0.0554i	-0.0143+0.0428i	-0.0128+0.0418i	-0.2043+0.3533i	0.5122-0.4194i	-4.6694+0.5626i	4.2760-0.3591i
42.9	-0.0306+0.0695i	-0.0051+0.0565i	-0.0210+0.0463i	-0.0171+0.0433i	-0.1456+0.3391i	0.4753-0.4536i	-4.7129+0.5837i	4.3035-0.4140i
43.0	-0.0318+0.0689i	-0.0092+0.0586i	-0.0211+0.0474i	-0.0190+0.0450i	-0.0984+0.4475i	0.4896-0.5129i	-4.7174+0.5985i	4.3249-0.4499i
43.1	-0.0324+0.0728i	-0.0086+0.0587i	-0.0213+0.0488i	-0.0198+0.0456i	-0.2591+0.4341i	0.4820-0.5103i	-4.7005+0.5831i	4.3510-0.4336i
43.2	-0.0276+0.0787i	-0.0135+0.0604i	-0.0207+0.0509i	-0.0168+0.0479i	-0.2676+0.3633i	0.5019-0.4906i	-4.7023+0.5822i	4.3974-0.4419i
43.3	-0.0197+0.0740i	-0.0110+0.0635i	-0.0175+0.0490i	-0.0141+0.0470i	-0.1211+0.3268i	0.4331-0.5000i	-4.6820+0.5749i	4.3178-0.4610i
43.4	-0.0255+0.0633i	-0.0112+0.0615i	-0.0208+0.0466i	-0.0179+0.0418i	-0.1506+0.3256i	0.4102-0.4614i	-4.6931+0.5387i	4.3414-0.4158i

43.5	-0.0366+0.0656i	-0.0183+0.0611i	-0.0289+0.0474i	-0.0238+0.0435i	-0.0700+0.5305i	0.4385-0.4418i	-4.7569+0.5357i	4.4218-0.4214i
43.6	-0.0415+0.0762i	-0.0209+0.0650i	-0.0311+0.0519i	-0.0262+0.0479i	0.0402+0.5495i	0.3616-0.4738i	-4.7816+0.5619i	4.3818-0.4561i
43.7	-0.0406+0.0882i	-0.0248+0.0707i	-0.0311+0.0580i	-0.0264+0.0524i	-0.0193+0.4766i	0.3485-0.4859i	-4.7812+0.5860i	4.4051-0.4712i
43.8	-0.0340+0.0849i	-0.0226+0.0739i	-0.0272+0.0563i	-0.0252+0.0521i	-0.0371+0.3115i	0.3230-0.4621i	-4.7517+0.5923i	4.3968-0.4618i
43.9	-0.0395+0.0755i	-0.0195+0.0738i	-0.0284+0.0529i	-0.0278+0.0490i	-0.0384+0.3283i	0.2558-0.4417i	-4.7607+0.5749i	4.3803-0.4255i
44.0	-0.0520+0.0805i	-0.0226+0.0731i	-0.0330+0.0556i	-0.0317+0.0515i	-0.0780+0.4795i	0.2183-0.4964i	-4.7939+0.5925i	4.3859-0.4170i
44.1	-0.0547+0.0925i	-0.0285+0.0798i	-0.0363+0.0621i	-0.0326+0.0574i	0.0010+0.5681i	0.2201-0.5194i	-4.8075+0.6197i	4.4225-0.4366i
44.2	-0.0558+0.1007i	-0.0288+0.0812i	-0.0367+0.0643i	-0.0341+0.0598i	0.0002+0.4369i	0.2182-0.5154i	-4.8189+0.6242i	4.4526-0.5033i
44.3	-0.0586+0.1095i	-0.0356+0.0812i	-0.0406+0.0671i	-0.0374+0.0647i	0.0653+0.4946i	0.2047-0.5307i	-4.8526+0.6459i	4.4779-0.5390i
44.4	-0.0470+0.1307i	-0.0411+0.0972i	-0.0383+0.0791i	-0.0355+0.0772i	0.1660+0.5942i	0.1370-0.5968i	-4.8224+0.7411i	4.4294-0.5942i
44.5	-0.0255+0.1289i	-0.0320+0.1063i	-0.0291+0.0843i	-0.0253+0.0781i	0.1476+0.5399i	0.0583-0.6247i	-4.7603+0.7670i	4.3542-0.6013i
44.6	-0.0210+0.1105i	-0.0250+0.1089i	-0.0263+0.0789i	-0.0201+0.0727i	0.2075+0.5260i	0.0647-0.6019i	-4.7552+0.7126i	4.3758-0.5653i
44.7	-0.0208+0.1056i	-0.0255+0.1117i	-0.0234+0.0778i	-0.0199+0.0737i	0.3137+0.6344i	0.0129-0.5858i	-4.7568+0.6974i	4.3538-0.5744i
44.8	-0.0265+0.0981i	-0.0113+0.1143i	-0.0226+0.0752i	-0.0185+0.0719i	0.2684+0.5475i	-0.0485-0.5854i	-4.7741+0.6842i	4.3179-0.6063i
44.9	-0.0271+0.0989i	-0.0056+0.1087i	-0.0217+0.0731i	-0.0173+0.0688i	0.1286+0.4872i	-0.0787-0.5561i	-4.8023+0.6660i	4.3318-0.5753i
45.0	-0.0384+0.0878i	-0.0124+0.0978i	-0.0291+0.0665i	-0.0233+0.0593i	0.1954+0.4267i	-0.0684-0.4841i	-4.8688+0.6181i	4.3576-0.5005i
45.1	-0.0572+0.0994i	-0.0229+0.0975i	-0.0395+0.0698i	-0.0318+0.0638i	0.2108+0.5066i	0.0161-0.5032i	-4.9333+0.6379i	4.4677-0.5313i
45.2	-0.0487+0.1218i	-0.0214+0.1072i	-0.0369+0.0807i	-0.0293+0.0751i	0.2176+0.6737i	-0.0382-0.5516i	-4.9140+0.7494i	4.4512-0.5898i
45.3	-0.0386+0.1171i	-0.0186+0.1077i	-0.0315+0.0828i	-0.0261+0.0735i	0.3634+0.6347i	-0.1246-0.5307i	-4.8832+0.7439i	4.3997-0.5551i
45.4	-0.0492+0.1103i	-0.0269+0.1064i	-0.0367+0.0792i	-0.0319+0.0715i	0.2816+0.5838i	-0.0714-0.5038i	-4.9252+0.7407i	4.4644-0.5496i
45.5	-0.0471+0.1142i	-0.0233+0.1142i	-0.0370+0.0837i	-0.0307+0.0759i	0.3222+0.7028i	-0.0449-0.5655i	-4.9176+0.7843i	4.5036-0.6026i
45.6	-0.0556+0.1218i	-0.0279+0.1130i	-0.0406+0.0855i	-0.0351+0.0781i	0.2981+0.6176i	-0.0617-0.6327i	-4.9462+0.8045i	4.5289-0.6625i
45.7	-0.0521+0.1372i	-0.0353+0.1295i	-0.0411+0.0953i	-0.0366+0.0869i	0.2092+0.6409i	-0.1341-0.6635i	-4.9566+0.8509i	4.5347-0.7077i
45.8	-0.0540+0.1397i	-0.0243+0.1365i	-0.0383+0.0976i	-0.0332+0.0885i	0.3712+0.6142i	-0.2102-0.5920i	-4.9427+0.8479i	4.5131-0.6867i
45.9	-0.0552+0.1539i	-0.0210+0.1347i	-0.0350+0.1027i	-0.0294+0.0919i	0.5038+0.6610i	-0.2173-0.6694i	-4.9152+0.9524i	4.4964-0.7338i
46.0	-0.0318+0.1617i	-0.0122+0.1339i	-0.0246+0.1062i	-0.0192+0.0945i	0.5161+0.6683i	-0.2876-0.7105i	-4.8290+0.9909i	4.4492-0.7762i
46.1	-0.0338+0.1396i	-0.0152+0.1228i	-0.0270+0.0965i	-0.0229+0.0843i	0.4351+0.5740i	-0.3317-0.6459i	-4.8609+0.8932i	4.4609-0.6960i
46.2	-0.0533+0.1453i	-0.0279+0.1315i	-0.0405+0.1017i	-0.0347+0.0880i	0.4160+0.6646i	-0.2475-0.7045i	-4.9697+0.9053i	4.5586-0.7413i
46.3	-0.0618+0.1524i	-0.0296+0.1362i	-0.0449+0.1113i	-0.0372+0.0971i	0.4937+0.7229i	-0.2407-0.7758i	-4.9956+0.9990i	4.6013-0.8256i
46.4	-0.0511+0.1910i	-0.0328+0.1594i	-0.0392+0.1380i	-0.0317+0.1190i	0.4748+0.7763i	-0.3882-0.9014i	-4.9596+1.1668i	4.5128-0.9728i
46.5	-0.0030+0.2074i	-0.0032+0.1826i	-0.0148+0.1459i	-0.0085+0.1239i	0.5459+0.8555i	-0.5084-0.9789i	-4.8648+1.2208i	4.4073-1.0334i
46.6	0.0369+0.1827i	0.0288+0.1656i	0.0035+0.1292i	0.0059+0.1071i	0.6875+0.7132i	-0.6485-0.8181i	-4.7500+1.1134i	4.3173-0.9166i
46.7	0.0266+0.1572i	0.0178+0.1521i	0.0058+0.1159i	0.0030+0.0953i	0.7710+0.6527i	-0.6495-0.7771i	-4.7275+1.0373i	4.3191-0.8623i
46.8	0.0171+0.1359i	0.0118+0.1426i	0.0025+0.1076i	-0.0028+0.0889i	0.8987+0.6955i	-0.6244-0.6990i	-4.7446+1.0051i	4.3452-0.7906i
46.9	-0.0006+0.1207i	0.0099+0.1410i	-0.0068+0.1034i	-0.0105+0.0839i	0.7427+0.6422i	-0.6291-0.6273i	-4.7561+0.9483i	4.4099-0.7155i
47.0	-0.0165+0.1394i	0.0067+0.1458i	-0.0133+0.1111i	-0.0153+0.0893i	0.7218+0.6328i	-0.6583-0.7215i	-4.7676+0.9785i	4.4378-0.8027i
47.1	0.0016+0.1641i	0.0140+0.1499i	-0.0051+0.1248i	-0.0076+0.1015i	0.8996+0.6498i	-0.8133-0.8782i	-4.7212+1.0809i	4.3408-0.9777i
47.2	0.0340+0.1421i	0.0265+0.1412i	0.0090+0.1120i	0.0051+0.0899i	0.9581+0.5294i	-0.8984-0.7705i	-4.6740+1.0270i	4.2556-0.9006i
47.3	0.0119+0.1158i	0.0180+0.1361i	-0.0000+0.0959i	-0.0050+0.0768i	0.8893+0.6798i	-0.8330-0.7154i	-4.7364+0.9483i	4.3417-0.7889i
47.4	-0.0190+0.1211i	0.0073+0.1390i	-0.0121+0.0971i	-0.0176+0.0787i	0.9521+0.6820i	-0.7560-0.6859i	-4.8262+0.9492i	4.4307-0.7690i
47.5	-0.0459+0.1278i	-0.0026+0.1429i	-0.0184+0.1017i	-0.0232+0.0821i	0.9087+0.7284i	-0.6966-0.6517i	-4.8813+0.9494i	4.4990-0.7854i
47.6	-0.0483+0.1602i	0.0006+0.1507i	-0.0204+0.1165i	-0.0276+0.0978i	0.8844+0.7294i	-0.7016-0.7421i	-4.8826+1.0366i	4.5514-0.8843i
47.7	-0.0114+0.1833i	0.0068+0.1537i	-0.0070+0.1321i	-0.0185+0.1106i	1.0638+0.6884i	-0.8203-0.8578i	-4.7828+1.1664i	4.4978-1.0212i
47.8	0.0255+0.1702i	0.0211+0.1498i	0.0088+0.1295i	-0.0024+0.1047i	1.1349+0.6944i	-0.9402-0.8613i	-4.6741+1.1011i	4.3782-0.9889i
47.9	0.0336+0.1325i	0.0259+0.1365i	0.0125+0.1048i	0.0020+0.0860i	1.1685+0.4876i	-1.0011-0.7385i	-4.6738+0.8926i	4.3669-0.9236i
48.0	0.0180+0.1270i	0.0189+0.1345i	0.0071+0.0996i	-0.0045+0.0850i	1.2473+0.5086i	-0.9909-0.7338i	-4.7798+0.8959i	4.4057-0.9111i
48.1	0.0218+0.1317i	0.0181+0.1405i	0.0066+0.1049i	-0.0066+0.0875i	1.1528+0.7271i	-1.1027-0.7404i	-4.7871+0.9108i	4.3195-0.9519i
48.2	0.0077+0.1253i	0.0017+0.1387i	-0.0020+0.1016i	-0.0150+0.0848i	1.1520+0.7796i	-1.1021-0.6753i	-4.8498+0.8933i	4.3824-0.9282i
48.3	0.0002+0.1449i	-0.0041+0.1657i	-0.0045+0.1177i	-0.0193+0.1002i	1.1495+0.7018i	-1.0569-0.8174i	-4.9121+0.9436i	4.4254-1.0515i
48.4	0.0155+0.1383i	0.0193+0.1688i	0.0086+0.1163i	-0.0074+0.0987i	1.1491+0.7042i	-1.1475-0.8498i	-4.8830+0.9140i	4.3473-1.0737i
48.5	0.0135+0.1154i	0.0281+0.1551i	0.0090+0.1062i	-0.0077+0.0879i	1.2575+0.6175i	-1.2485-0.7389i	-4.8757+0.8630i	4.3088-1.0224i
48.6	-0.0013+0.1294i	0.0176+0.1543i	0.0013+0.1070i	-0.0174+0.0900i	1.1955+0.5449i	-1.2553-0.7585i	-4.9660+0.8950i	4.3427-0.9765i
48.7	-0.0048+0.1350i	0.0109+0.1608i	-0.0031+0.1109i	-0.0194+0.0937i	1.2745+0.6159i	-1.2982-0.8200i	-4.9939+0.9544i	4.3209-1.0073i
48.8	-0.0067+0.1409i	0.0172+0.1721i	0.0014+0.1145i	-0.0185+0.0993i	1.3402+0.5225i	-1.3983-0.8171i	-4.9555+1.0079i	4.3224-1.0579i
48.9	0.0152+0.1258i	0.0351+0.1637i	0.0157+0.1112i	-0.0088+0.0970i	1.3367+0.6149i	-1.3537-0.7810i	-4.9141+0.9186i	4.2978-1.0346i
49.0	0.0149+0.0951i	0.0469+0.1370i	0.0171+0.0925i	-0.0064+0.0792i	1.4597+0.6325i	-1.4326-0.6467i	-4.9543+0.8126i	4.2687-0.9380i
49.1	-0.0140+0.0957i	0.0230+0.1333i	0.0008+0.0905i	-0.0171+0.0779i	1.3292+0.5478i	-1.5092-0.5967i	-5.0076+0.7870i	4.3132-0.8494i
49.2	-0.0367+0.1091i	0.0071+0.1456i	-0.0108+0.0968i	-0.0285+0.0856i	1.2976+0.6025i	-1.5125-0.7067i	-5.0731+0.8390i	4.3170-0.8789i
49.3	-0.0686+0.1093i	-0.0158+0.1476i	-0.0286+0.0964i	-0.0475+0.0839i	1.3582+0.6204i	-1.4404-0.7237i	-5.1951+0.8566i	4.4185-0.9150i
49.4	-0.0581+0.1243i	-0.0057+0.1627i	-0.0244+0.1123i	-0.0452+0.0994i	1.4006+0.6477i	-1.4256-0.7541i	-5.2271+0.9226i	4.4770-0.9832i
49.5	0.0193+0.1608i	0.0449+0.1869i	-0.0171+0.1377i	-0.0432+0.1254i	1.3549+0.7087i	-1.4682-0.7255i	-5.2240+0.9776i	4.4408-1.0190i
49.6	0.0144+0.1746i	0.0492+0.1947i	-0.0192+0.1354i	-0.0414+0.1260i	1.4262+0.7256i	-1.5209-0.7207i	-5.2646+0.9762i	4.4476-1.0297i
49.7	-0.0829+0.1348i	-0.0012+0.1584i	-0.0189+0.1020i	-0.0394+0.0930i	1.4355+0.5579i	-1.5472-0.6823i	-5.3022+0.9321i	4.4634-0.9632i

49.8	-0.0568+0.1536i	0.0052+0.1619i	-0.0195+0.1170i	-0.0433+0.1091i	1.4208+0.5300i	-1.4732-0.6662i	-5.3208+0.9894i	4.5167-0.9948i
49.9	-0.0229+0.1916i	0.0181+0.1930i	-0.0101+0.1358i	-0.0358+0.1288i	1.1925+0.8607i	-1.1498-0.5217i	-5.3347+1.0860i	4.6249-1.2005i
50.0	-0.0430+0.1717i	0.0080+0.1864i	-0.0196+0.1233i	-0.0433+0.1171i	1.3503+0.6098i	-1.6175-0.4390i	-5.3394+1.0359i	4.5061-0.9738i
50.1	-0.0728+0.1435i	-0.0068+0.1718i	-0.0294+0.1169i	-0.0499+0.1095i	1.5674+0.5961i	-1.8472-0.6991i	-5.4080+1.0360i	4.4038-0.9454i
50.2	-0.0821+0.1529i	-0.0126+0.1835i	-0.0264+0.1238i	-0.0487+0.1176i	1.6675+0.6468i	-1.8296-0.7823i	-5.4748+1.0847i	4.4576-1.0439i
50.3	-0.0637+0.1718i	0.0059+0.2007i	-0.0165+0.1352i	-0.0424+0.1296i	1.6975+0.6849i	-1.8054-0.7948i	-5.4887+1.1229i	4.4148-1.1544i
50.4	-0.0595+0.1741i	0.0199+0.2053i	-0.0091+0.1364i	-0.0326+0.1317i	1.6435+0.6013i	-1.9148-0.8063i	-5.4832+1.1663i	4.3713-1.1049i
50.5	-0.0690+0.1664i	0.0189+0.1912i	-0.0176+0.1292i	-0.0406+0.1263i	1.5512+0.4672i	-1.9887-0.7422i	-5.5233+1.2053i	4.3433-1.0362i
50.6	-0.0758+0.1815i	0.0070+0.1985i	-0.0221+0.1360i	-0.0462+0.1313i	1.5173+0.4994i	-2.0046-0.6418i	-5.5591+1.1924i	4.3987-0.9986i
50.7	-0.0816+0.1688i	0.0048+0.1973i	-0.0266+0.1292i	-0.0521+0.1229i	1.5463+0.4124i	-1.9891-0.6303i	-5.6274+1.1430i	4.4641-0.9555i
50.8	-0.0847+0.1745i	0.0097+0.2001i	-0.0285+0.1349i	-0.0554+0.1304i	1.5216+0.7649i	-1.9933-0.6894i	-5.7053+1.2210i	4.4705-1.0056i
50.9	-0.0786+0.1947i	0.0158+0.2115i	-0.0206+0.1443i	-0.0483+0.1413i	1.6849+0.9434i	-2.0194-0.7255i	-5.7158+1.2835i	4.4533-1.0692i
51.0	-0.0696+0.1869i	0.0299+0.2114i	-0.0166+0.1417i	-0.0436+0.1395i	1.7571+0.7027i	-2.1568-0.7155i	-5.7336+1.3175i	4.3804-1.0468i
51.1	-0.0823+0.1830i	0.0380+0.1980i	-0.0234+0.1314i	-0.0483+0.1307i	1.7741+0.6836i	-2.1321-0.5802i	-5.8291+1.3240i	4.4237-0.9954i
51.2	-0.0963+0.2058i	0.0221+0.1871i	-0.0360+0.1443i	-0.0610+0.1411i	1.8306+0.8110i	-1.9738-0.5859i	-5.8656+1.4364i	4.4489-0.9232i
51.3	-0.0800+0.2091i	0.0076+0.1932i	-0.0291+0.1469i	-0.0535+0.1471i	1.6948+0.5256i	-2.1260-0.6490i	-5.7936+1.4619i	4.4746-0.8544i
51.4	-0.0974+0.2118i	0.0015+0.2122i	-0.0335+0.1436i	-0.0562+0.1432i	1.6663+0.5456i	-2.1992-0.5862i	-5.9067+1.4447i	4.6162-0.9411i
51.5	-0.0857+0.2113i	0.0150+0.2172i	-0.0210+0.1499i	-0.0439+0.1508i	1.7689+0.7236i	-2.2543-0.6336i	-5.9078+1.5282i	4.4950-0.9761i
51.6	-0.1100+0.1915i	0.0122+0.2043i	-0.0311+0.1361i	-0.0536+0.1415i	1.7823+0.5662i	-2.2837-0.6000i	-6.0266+1.4922i	4.5480-0.8966i
51.7	-0.1333+0.2188i	0.0024+0.2264i	-0.0487+0.1550i	-0.0730+0.1589i	1.8280+0.6168i	-2.2881-0.6097i	-6.1765+1.6295i	4.6262-0.9534i
51.8	-0.1287+0.2339i	0.0111+0.2248i	-0.0438+0.1613i	-0.0699+0.1660i	1.8319+0.8067i	-2.3062-0.5591i	-6.1656+1.7827i	4.5868-0.8401i
51.9	-0.1271+0.2231i	0.0091+0.2097i	-0.0451+0.1505i	-0.0687+0.1581i	1.8759+0.7121i	-2.3217-0.5462i	-6.1571+1.7701i	4.5959-0.8285i
52.0	-0.1817+0.2455i	-0.0065+0.2157i	-0.0669+0.1611i	-0.0928+0.1680i	1.7552+0.8248i	-2.2586-0.5472i	-6.3860+1.8720i	4.7393-0.8653i
52.1	-0.1766+0.3022i	-0.0126+0.2215i	-0.0676+0.1796i	-0.0956+0.1875i	1.7724+0.9627i	-2.2836-0.5640i	-6.3787+2.0554i	4.7932-0.9238i
52.2	-0.1527+0.3149i	-0.0317+0.2451i	-0.0659+0.1880i	-0.0930+0.2005i	1.8538+0.7969i	-2.3707-0.6418i	-6.3743+2.1520i	4.7820-1.0437i
52.3	-0.1499+0.3425i	-0.0302+0.2837i	-0.0641+0.2150i	-0.0905+0.2255i	1.9121+0.9500i	-2.4087-0.7343i	-6.4766+2.4255i	4.7586-1.0891i
52.4	-0.1181+0.3331i	-0.0023+0.2826i	-0.0430+0.2110i	-0.0676+0.2200i	2.1334+1.0728i	-2.4437-0.6358i	-6.2774+2.4561i	4.7285-0.9997i
52.5	-0.1435+0.3480i	-0.0101+0.2927i	-0.0545+0.2170i	-0.0800+0.2268i	2.1387+1.1687i	-2.4307-0.6531i	-6.4533+2.4871i	4.8008-1.0579i
52.6	-0.1177+0.4016i	0.0227+0.3226i	-0.0352+0.2441i	-0.0598+0.2568i	2.2049+1.2314i	-2.5450-0.6620i	-6.3568+2.9112i	4.7474-1.0444i
52.7	-0.0570+0.3658i	0.0486+0.2887i	-0.0067+0.2214i	-0.0272+0.2345i	2.3658+1.1168i	-2.6522-0.6309i	-5.9506+2.8819i	4.6704-0.9492i
52.8	-0.1010+0.3172i	0.0154+0.2592i	-0.0358+0.1977i	-0.0531+0.2084i	2.1572+1.1409i	-2.6371-0.5185i	-6.1123+2.6944i	4.7867-0.7783i
52.9	-0.1458+0.3888i	-0.0111+0.2854i	-0.0588+0.2301i	-0.0793+0.2406i	2.1898+1.3613i	-2.5823-0.5027i	-6.2787+3.0749i	5.0042-0.7914i
53.0	-0.1161+0.4222i	-0.0284+0.3069i	-0.0533+0.2487i	-0.0774+0.2608i	2.3612+1.3903i	-2.5782-0.5958i	-6.1943+3.2320i	5.0740-0.8821i
53.1	-0.1027+0.4467i	-0.0255+0.3589i	-0.0506+0.2752i	-0.0710+0.2869i	2.4124+1.4174i	-2.6119-0.6291i	-6.1073+3.4506i	5.1246-0.9708i
53.2	-0.0812+0.4727i	0.0052+0.3918i	-0.0317+0.2939i	-0.0550+0.3074i	2.5142+1.4929i	-2.6279-0.6361i	-5.8695+3.6636i	5.1832-0.9849i
53.3	-0.0393+0.4947i	0.0554+0.4113i	0.0011+0.3053i	-0.0231+0.3230i	2.7720+1.6453i	-2.6930-0.6741i	-5.5526+3.8700i	5.2227-0.9719i
53.4	-0.0046+0.5038i	0.0943+0.3726i	0.0295+0.2942i	-0.0014+0.3142i	3.0806+1.6137i	-2.7252-0.6526i	-5.1045+3.7717i	5.3975-0.8812i
53.5	0.0423+0.4653i	0.0807+0.3567i	0.0368+0.2774i	0.0128+0.2972i	3.2647+1.3989i	-2.7883-0.6280i	-4.8608+3.4252i	5.4638-0.9907i
53.6	0.0218+0.4237i	0.0737+0.3795i	0.0237+0.2718i	0.0069+0.2918i	3.1955+1.2938i	-2.7962-0.6662i	-5.1009+3.2392i	5.4787-1.1164i
53.7	0.0065+0.4289i	0.0876+0.3929i	0.0232+0.2772i	0.0060+0.2977i	3.0351+1.3746i	-2.7972-0.7203i	-5.1329+3.2996i	5.5521-1.1102i
53.8	-0.0244+0.4350i	0.0960+0.3889i	0.0153+0.2805i	-0.0020+0.2983i	3.1599+1.2565i	-2.7814-0.7022i	-5.1774+3.3353i	5.7455-1.1304i
53.9	-0.0435+0.4416i	0.0945+0.3860i	0.0088+0.2793i	-0.0076+0.2969i	3.3173+1.1899i	-2.7891-0.6636i	-5.2224+3.2796i	5.8471-1.1952i
54.0	-0.0721+0.5030i	0.0729+0.4146i	-0.0089+0.3094i	-0.0262+0.3254i	3.3225+1.1676i	-2.7812-0.7177i	-5.2728+3.4907i	6.0635-1.3990i
54.1	-0.0043+0.5600i	0.1211+0.4582i	0.0276+0.3399i	0.0094+0.3637i	3.4508+1.1948i	-2.8536-0.8401i	-4.9774+3.6759i	5.9752-1.6513i
54.2	0.0124+0.5098i	0.1583+0.4223i	0.0443+0.3128i	0.0323+0.3338i	3.4725+1.0888i	-3.0121-0.7762i	-4.8722+3.4612i	5.8889-1.5624i
54.3	-0.0161+0.5729i	0.1535+0.4472i	0.0336+0.3441i	0.0216+0.3644i	3.6132+1.2139i	-2.9330-0.8778i	-4.8613+3.6621i	6.1958-1.7525i
54.4	0.0482+0.6412i	0.1999+0.4729i	0.0736+0.3752i	0.0599+0.4003i	3.8230+1.2813i	-2.9931-1.0766i	-4.4949+3.7506i	6.2098-2.1759i
54.5	0.1175+0.6482i	0.2407+0.4601i	0.1088+0.3733i	0.1008+0.4026i	3.9872+1.1542i	-3.2261-1.1549i	-4.1766+3.5936i	6.0168-2.5029i
54.6	0.2053+0.6015i	0.2874+0.4246i	0.1516+0.3485i	0.1503+0.3693i	4.1032+0.9861i	-3.4566-1.1388i	-3.9992+3.2014i	5.6189-2.6178i
54.7	0.1941+0.5136i	0.2850+0.3655i	0.1439+0.2995i	0.1466+0.3139i	4.1182+0.7267i	-3.5396-0.9781i	-4.1745+2.8068i	5.5078-2.3188i
54.8	0.1266+0.5323i	0.2399+0.3619i	0.1091+0.3051i	0.1078+0.3212i	3.9960+0.6923i	-3.5017-0.9228i	-4.4334+2.8785i	5.7371-2.3395i
54.9	0.1507+0.6156i	0.2446+0.4007i	0.1213+0.3472i	0.1142+0.3612i	3.9799+0.7691i	-3.5790-1.1023i	-4.3632+3.0561i	5.6851-2.7331i
55.0	0.2387+0.6235i	0.2857+0.4037i	0.1651+0.3502i	0.1606+0.3697i	4.0216+0.7587i	-3.7747-1.1879i	-4.2033+2.9283i	5.2638-2.9160i
55.1	0.2571+0.5866i	0.2913+0.3867i	0.1722+0.3332i	0.1710+0.3515i	3.9895+0.5298i	-3.8758-1.0817i	-4.2508+2.7855i	5.1134-2.7273i
55.2	0.2907+0.5554i	0.3071+0.3716i	0.1851+0.3166i	0.1846+0.3337i	4.0654+0.6344i	-3.9670-1.0248i	-4.3479+2.7034i	4.9626-2.5808i
55.3	0.3167+0.5248i	0.3232+0.3589i	0.2031+0.3017i	0.1964+0.3184i	4.1996+0.7219i	-4.0777-0.9410i	-4.3237+2.5596i	4.9040-2.4576i
55.4	0.3345+0.4810i	0.3325+0.3350i	0.2134+0.2785i	0.2070+0.2950i	4.2947+0.5841i	-4.1580-0.8130i	-4.3959+2.4280i	4.8372-2.2806i
55.5	0.3085+0.4467i	0.3226+0.3147i	0.2012+0.2592i	0.1948+0.2746i	4.2623+0.6774i	-4.1942-0.7767i	-4.5106+2.3904i	4.9313-2.1403i
55.6	0.2746+0.4899i	0.3071+0.3370i	0.1839+0.2834i	0.1768+0.2948i	4.1499+0.6384i	-4.1766-0.7525i	-4.6165+2.5033i	5.1213-2.2908i
55.7	0.3164+0.4963i	0.3285+0.3363i	0.2040+0.2835i	0.1985+0.2994i	4.0953+0.5407i	-4.2563-0.7056i	-4.5962+2.5289i	5.0512-2.3372i
55.8	0.3411+0.4820i	0.3423+0.3217i	0.2191+0.2739i	0.2116+0.2885i	4.2820+0.5701i	-4.3269-0.7269i	-4.6046+2.5045i	4.9807-2.2964i
55.9	0.3590+0.4451i	0.3531+0.2973i	0.2269+0.2548i	0.2235+0.2671i	4.4281+0.5264i	-4.3781-0.6695i	-4.6452+2.3869i	4.9379-2.1988i
56.0	0.3337+0.4060i	0.3346+0.2785i	0.2105+0.2312i	0.2072+0.2488i	4.3191+0.4461i	-4.4270-0.5736i	-4.7818+2.2594i	5.0550-2.0504i

56.1	0.2905+0.4421i	0.3068+0.3026i	0.1868+0.2525i	0.1803+0.2718i	4.2826+0.4149i	-4.4647-0.5999i	-4.9567+2.3831i	5.2868-2.2117i
56.2	0.3369+0.4717i	0.3425+0.3172i	0.2123+0.2698i	0.2105+0.2876i	4.5275+0.2623i	-4.5744-0.6628i	-4.8230+2.4809i	5.1769-2.3410i
56.3	0.3666+0.4462i	0.3614+0.3026i	0.2262+0.2581i	0.2266+0.2726i	4.5617+0.2668i	-4.6532-0.6267i	-4.7916+2.4329i	5.1279-2.2664i
56.4	0.3818+0.4276i	0.3725+0.2913i	0.2357+0.2482i	0.2368+0.2633i	4.5724+0.2437i	-4.7204-0.5363i	-4.8029+2.4020i	5.1238-2.2253i
56.5	0.3815+0.4094i	0.3703+0.2749i	0.2353+0.2337i	0.2373+0.2485i	4.5688+0.4029i	-4.7931-0.5078i	-4.9045+2.3838i	5.1449-2.1751i
56.6	0.3812+0.3954i	0.3648+0.2640i	0.2334+0.2251i	0.2343+0.2395i	4.6438+0.3883i	-4.7855-0.5469i	-4.9357+2.3729i	5.1463-2.1475i
56.7	0.3837+0.3757i	0.3644+0.2556i	0.2312+0.2173i	0.2346+0.2312i	4.6337+0.3171i	-4.8474-0.4883i	-4.9994+2.3463i	5.1534-2.1500i
56.8	0.3888+0.3735i	0.3687+0.2514i	0.2344+0.2137i	0.2375+0.2284i	4.7304+0.2393i	-4.8972-0.4523i	-5.0695+2.3418i	5.2115-2.1516i
56.9	0.3859+0.3570i	0.3682+0.2400i	0.2325+0.2061i	0.2376+0.2178i	4.7696+0.2800i	-5.0000-0.4150i	-5.1118+2.3144i	5.2757-2.1416i
57.0	0.3764+0.3401i	0.3606+0.2309i	0.2280+0.2002i	0.2316+0.2059i	4.8246+0.2434i	-5.0446-0.3325i	-5.1862+2.3116i	5.3304-2.0990i
57.1	0.3573+0.3294i	0.3497+0.2197i	0.2186+0.1929i	0.2201+0.1991i	4.9306+0.2748i	-5.0381-0.2972i	-5.3339+2.2906i	5.5134-2.0434i
57.2	0.3216+0.3460i	0.3293+0.2357i	0.1946+0.2024i	0.2018+0.2094i	4.9077+0.1944i	-5.0769-0.3179i	-5.4448+2.3833i	5.6915-2.1346i
57.3	0.3329+0.3871i	0.3372+0.2599i	0.2047+0.2264i	0.2071+0.2345i	5.0768+0.2925i	-5.1427-0.3493i	-5.4247+2.5276i	5.6822-2.2925i
57.4	0.3647+0.3932i	0.3588+0.2598i	0.2226+0.2270i	0.2249+0.2351i	5.2449+0.2291i	-5.2258-0.3234i	-5.3906+2.5701i	5.6131-2.3287i
57.5	0.3902+0.3884i	0.3738+0.2543i	0.2337+0.2229i	0.2375+0.2307i	5.2114+0.3409i	-5.3534-0.3447i	-5.4010+2.6045i	5.6015-2.2905i
57.6	0.3897+0.3712i	0.3733+0.2433i	0.2374+0.2172i	0.2383+0.2210i	5.3414+0.3059i	-5.3707-0.3363i	-5.4335+2.5473i	5.6301-2.2528i
57.7	0.3913+0.3567i	0.3716+0.2341i	0.2342+0.2074i	0.2368+0.2122i	5.2586+0.2185i	-5.4225-0.2556i	-5.5097+2.4663i	5.7419-2.2986i
57.8	0.3959+0.3545i	0.3741+0.2324i	0.2337+0.2044i	0.2408+0.2092i	5.3678+0.2388i	-5.5173-0.1917i	-5.5517+2.4797i	5.8155-2.2922i
57.9	0.3977+0.3532i	0.3745+0.2300i	0.2325+0.2038i	0.2400+0.2096i	5.5578+0.1759i	-5.5502-0.1727i	-5.6238+2.5043i	5.8430-2.2465i
58.0	0.3977+0.3472i	0.3750+0.2289i	0.2332+0.2042i	0.2386+0.2099i	5.6504+0.0943i	-5.6729-0.1737i	-5.6853+2.4894i	5.9212-2.2931i
58.1	0.4007+0.3453i	0.3770+0.2280i	0.2347+0.2041i	0.2385+0.2064i	5.7061+0.0352i	-5.7507-0.1889i	-5.7457+2.5090i	5.9987-2.3335i
58.2	0.4016+0.3361i	0.3735+0.2247i	0.2341+0.2001i	0.2398+0.2027i	5.8504+0.0074i	-5.7956-0.1896i	-5.8180+2.5558i	6.0483-2.3563i
58.3	0.4000+0.3286i	0.3646+0.2307i	0.2318+0.1974i	0.2371+0.1989i	5.8261+0.0360i	-5.8002-0.1367i	-5.8694+2.5382i	6.1202-2.4309i
58.4	0.3967+0.3282i	0.3723+0.2388i	0.2360+0.2000i	0.2422+0.2020i	5.9680+0.0015i	-5.9460-0.1210i	-5.9165+2.5611i	6.2425-2.4942i
58.5	0.3912+0.3316i	0.3804+0.2336i	0.2348+0.2019i	0.2392+0.2025i	6.0287-0.0803i	-6.0291-0.1115i	-6.0141+2.6081i	6.3249-2.4835i
58.6	0.3947+0.3412i	0.3839+0.2386i	0.2333+0.2068i	0.2388+0.2101i	6.1573-0.1990i	-6.0971-0.1267i	-6.0604+2.6941i	6.3533-2.5567i
58.7	0.4089+0.3403i	0.3919+0.2421i	0.2428+0.2093i	0.2430+0.2096i	6.3165-0.0378i	-6.1719-0.0572i	-6.1033+2.7185i	6.3641-2.7651i
58.8	0.4184+0.3418i	0.3962+0.2444i	0.2478+0.2101i	0.2485+0.2078i	6.3738-0.1082i	-6.2758-0.0607i	-6.1641+2.7161i	6.4590-2.7720i
58.9	0.4269+0.3339i	0.4034+0.2376i	0.2558+0.2068i	0.2545+0.2025i	6.5743-0.1109i	-6.3365-0.0383i	-6.2555+2.7551i	6.4805-2.7864i
59.0	0.4310+0.3310i	0.4085+0.2383i	0.2581+0.2089i	0.2573+0.2042i	6.7681-0.1416i	-6.4135-0.0524i	-6.3645+2.7440i	6.5587-2.8659i
59.1	0.4323+0.3270i	0.4144+0.2394i	0.2569+0.2062i	0.2603+0.2010i	6.7585-0.2210i	-6.5387+0.0411i	-6.4790+2.7762i	6.6706-2.9369i
59.2	0.4354+0.3297i	0.4231+0.2388i	0.2610+0.2076i	0.2592+0.1997i	6.7807-0.3225i	-6.5845+0.1214i	-6.5686+2.8682i	6.7282-3.0466i
59.3	0.4376+0.3309i	0.4364+0.2372i	0.2673+0.2111i	0.2616+0.1999i	6.7157-0.3525i	-6.7582+0.0750i	-6.6246+2.8953i	6.7722-3.1606i
59.4	0.4414+0.3321i	0.4411+0.2380i	0.2696+0.2098i	0.2670+0.2060i	6.9443-0.3189i	-6.9443+0.1478i	-6.7317+2.9403i	6.8375-3.2410i
59.5	0.4449+0.3347i	0.4432+0.2383i	0.2724+0.2077i	0.2665+0.2089i	7.1629-0.4567i	-7.0834+0.1333i	-6.8262+2.9826i	6.9383-3.3655i
59.6	0.4516+0.3349i	0.4520+0.2394i	0.2777+0.2099i	0.2691+0.2060i	7.3584-0.6400i	-7.1167+0.2345i	-6.9330+3.0382i	6.9689-3.4393i
59.7	0.4581+0.3359i	0.4533+0.2345i	0.2762+0.2103i	0.2753+0.2044i	7.3053-0.7541i	-7.2612+0.3469i	-7.0437+3.1521i	7.0468-3.4989i
59.8	0.4677+0.3320i	0.4587+0.2309i	0.2816+0.2065i	0.2806+0.2016i	7.4985-0.7576i	-7.4486+0.3461i	-7.1177+3.2152i	7.1706-3.5713i
59.9	0.4469+0.3224i	0.4496+0.2114i	0.2689+0.1947i	0.2658+0.1840i	7.0473-2.1913i	-7.4416-1.2931i	-7.1054+3.4289i	7.0270-2.5144i
60.0	0.4288+0.3473i	0.4272+0.2378i	0.2443+0.2172i	0.2317+0.2088i	4.5539-1.3360i	-10.6433-1.4831i	-6.9429+3.3604i	9.0738-2.2283i
60.1	0.4584+0.3511i	0.4615+0.2419i	0.2737+0.2198i	0.2602+0.2174i	6.1387-0.7496i	-9.6734-0.0561i	-7.2458+3.4104i	8.5356-3.3811i
60.2	0.4742+0.3421i	0.4904+0.2351i	0.2980+0.2160i	0.2858+0.2131i	7.9705-1.0634i	-8.0228+0.4224i	-7.5075+3.6206i	7.4376-3.9452i
60.3	0.4856+0.3475i	0.5012+0.2349i	0.3044+0.2156i	0.2935+0.2153i	8.0608-1.1616i	-8.0838+0.6016i	-7.5764+3.7849i	7.4125-4.0757i
60.4	0.4968+0.3515i	0.5111+0.2355i	0.3107+0.2194i	0.3000+0.2149i	8.1614-1.2104i	-8.2496+0.6406i	-7.7119+3.9445i	7.5319-4.2557i
60.5	0.5113+0.3478i	0.5259+0.2297i	0.3187+0.2184i	0.3081+0.2131i	8.2701-1.3406i	-8.3486+0.7163i	-7.8188+4.0382i	7.5408-4.4295i
60.6	0.5203+0.3473i	0.5357+0.2277i	0.3248+0.2194i	0.3137+0.2138i	8.2996-1.4503i	-8.4669+0.8305i	-7.9128+4.1086i	7.6366-4.5437i
60.7	0.5286+0.3460i	0.5457+0.2239i	0.3301+0.2163i	0.3156+0.2082i	8.4573-1.5729i	-8.6294+0.9330i	-7.9839+4.2328i	7.7479-4.6430i
60.8	0.5448+0.3527i	0.5568+0.2200i	0.3395+0.2176i	0.3244+0.2115i	8.5023-1.5291i	-8.8850+1.0179i	-8.0256+4.3843i	7.7359-4.8339i
60.9	0.5546+0.3524i	0.5680+0.2133i	0.3467+0.2199i	0.3286+0.2146i	8.9467-1.6657i	-9.0914+1.1738i	-8.1968+4.5408i	7.7452-5.0090i
61.0	0.5615+0.3525i	0.5745+0.2161i	0.3504+0.2206i	0.3314+0.2133i	9.1757-1.7602i	-9.1885+1.2316i	-8.3514+4.6252i	7.7706-5.0855i
61.1	0.5798+0.3508i	0.5903+0.2135i	0.3630+0.2218i	0.3446+0.2140i	9.2484-1.8645i	-9.2538+1.3246i	-8.5076+4.8175i	7.7744-5.2521i
61.2	0.5951+0.3435i	0.6064+0.2034i	0.3713+0.2159i	0.3524+0.2133i	9.4704-2.1558i	-9.4542+1.5701i	-8.5499+4.9859i	7.8369-5.4367i
61.3	0.6008+0.3408i	0.6167+0.1962i	0.3740+0.2121i	0.3573+0.2081i	9.6184-2.3258i	-9.6149+1.6804i	-8.6395+5.1601i	7.8971-5.5594i
61.4	0.6091+0.3374i	0.6181+0.1921i	0.3786+0.2139i	0.3625+0.2075i	9.7680-2.4570i	-9.8156+1.7473i	-8.6990+5.3745i	7.9579-5.6999i
61.5	0.6289+0.3331i	0.6392+0.1827i	0.3941+0.2109i	0.3723+0.2032i	9.8739-2.7392i	-10.0499+2.0339i	-8.8075+5.6816i	7.9992-6.0054i
61.6	0.6503+0.3376i	0.6605+0.1781i	0.4064+0.2099i	0.3883+0.2070i	10.0984-2.9035i	-10.3116+2.2971i	-8.9080+5.9504i	8.1480-6.2642i
61.7	0.6565+0.3458i	0.6700+0.1762i	0.4130+0.2150i	0.3899+0.2107i	10.5777-2.9654i	-10.5244+2.3150i	-9.0449+6.1749i	8.2326-6.3672i
61.8	0.6716+0.3433i	0.6827+0.1684i	0.4218+0.2139i	0.4005+0.2132i	10.7793-3.1873i	-10.6932+2.5716i	-9.0330+6.4393i	8.1517-6.6279i
61.9	0.6835+0.3307i	0.6973+0.1554i	0.4309+0.2016i	0.4113+0.2091i	10.9170-3.5307i	-10.7553+2.8086i	-9.1048+6.7615i	7.9952-6.8312i
62.0	0.7020+0.3349i	0.7050+0.1482i	0.4412+0.1986i	0.4128+0.2031i	10.9742-3.8320i	-10.8725+3.0180i	-9.1818+7.0388i	7.9773-7.1011i
62.1	0.7268+0.3283i	0.7218+0.1383i	0.4541+0.2004i	0.4256+0.1988i	11.2307-4.1083i	-10.9682+3.2287i	-9.1775+7.3227i	7.9467-7.3370i
62.2	0.7474+0.3217i	0.7375+0.1302i	0.4672+0.1978i	0.4396+0.2003i	11.4017-4.3907i	-11.1268+3.3943i	-9.1551+7.6571i	7.9567-7.4848i
62.3	0.7713+0.3176i	0.7530+0.1191i	0.4793+0.1918i	0.4540+0.2032i	11.4703-4.7519i	-11.3796+3.6218i	-9.0956+8.0031i	7.9377-7.7547i

62.4	0.7898+0.3061i	0.7672+0.1005i	0.4947+0.1823i	0.4653+0.1938i	11.7614-5.2188i	-11.4689+3.9262i	-9.1159+8.3585i	7.8288-8.0813i
62.5	0.8106+0.2946i	0.7847+0.0843i	0.5114+0.1734i	0.4793+0.1859i	11.9920-5.4936i	-11.6234+4.2259i	-9.0224+8.6491i	7.7614-8.2728i
62.6	0.8191+0.2930i	0.7950+0.0771i	0.5165+0.1686i	0.4877+0.1848i	12.1574-5.7503i	-11.7438+4.4390i	-8.9515+8.9344i	7.6462-8.3354i
62.7	0.8535+0.2767i	0.8155+0.0579i	0.5322+0.1635i	0.5056+0.1794i	12.2010-6.2959i	-11.9080+4.7794i	-8.8852+9.2952i	7.5878-8.5952i
62.8	0.8862+0.2603i	0.8349+0.0335i	0.5540+0.1495i	0.5209+0.1699i	12.4736-6.7293i	-12.0578+5.2199i	-8.6888+9.7989i	7.4143-8.9922i
62.9	0.9097+0.2411i	0.8432+0.0171i	0.5669+0.1385i	0.5299+0.1585i	12.4573-7.2570i	-12.1871+5.5886i	-8.4882+10.1553i	7.3426-9.2900i
63.0	0.9340+0.2268i	0.8595+0.0000i	0.5796+0.1271i	0.5455+0.1507i	12.6756-7.9676i	-12.3958+5.8930i	-8.4492+10.5551i	7.3354-9.4829i
63.1	0.9569+0.1999i	0.8746-0.0251i	0.5927+0.1160i	0.5567+0.1386i	12.7310-8.5448i	-12.3901+6.2811i	-8.2917+10.9594i	7.1515-9.7939i
63.2	0.9813+0.1682i	0.8860-0.0535i	0.6058+0.0964i	0.5706+0.1226i	12.8495-9.0831i	-12.3558+6.6883i	-7.9377+11.4210i	6.8961-10.0226i
63.3	1.0046+0.1417i	0.8948-0.0790i	0.6181+0.0835i	0.5811+0.1046i	12.7649-9.6703i	-12.3520+7.0493i	-7.6746+11.7540i	6.7572-10.2461i
63.4	1.0196+0.1225i	0.9060-0.0941i	0.6281+0.0693i	0.5957+0.0917i	12.7713-10.3195i	-12.5559+7.3936i	-7.4793+12.0423i	6.6875-10.4637i
63.5	1.0393+0.0760i	0.9169-0.1283i	0.6381+0.0404i	0.6101+0.0709i	12.8219-11.0241i	-12.5725+7.9180i	-6.9928+12.4976i	6.3563-10.8022i
63.6	1.0575+0.0440i	0.9264-0.1554i	0.6513+0.0242i	0.6242+0.0570i	12.7269-11.6485i	-12.7062+8.3008i	-6.6319+12.8817i	6.2255-11.0570i
63.7	1.0798-0.0050i	0.9339-0.1880i	0.6641-0.0009i	0.6365+0.0333i	12.3222-12.7533i	-12.5529+8.9027i	-6.0799+13.0844i	5.8602-11.3288i
63.8	1.0802-0.0506i	0.9307-0.2173i	0.6638-0.0250i	0.6382+0.0106i	11.8897-13.1396i	-12.3808+9.3496i	-5.5489+13.2348i	5.5507-11.4552i
63.9	1.0854-0.0869i	0.9273-0.2463i	0.6686-0.0445i	0.6400-0.0072i	11.8217-13.8321i	-12.2792+9.7291i	-5.1670+13.5121i	5.3151-11.6121i
64.0	1.0877-0.1279i	0.9302-0.2672i	0.6712-0.0660i	0.6454-0.0257i	11.2378-14.7345i	-12.2817+9.9803i	-4.7112+13.6912i	5.1692-11.6304i
64.1	1.0912-0.1725i	0.9382-0.3006i	0.6786-0.0956i	0.6548-0.0515i	10.5988-15.3199i	-12.1502+10.5367i	-4.1127+13.8431i	4.8029-11.9233i
64.2	1.1045-0.2313i	0.9569-0.3477i	0.6919-0.1291i	0.6676-0.0799i	10.1487-16.2587i	-12.1658+11.3327i	-3.4977+14.1721i	4.5330-12.3456i
64.3	1.0791-0.2751i	0.9418-0.3811i	0.6809-0.1551i	0.6588-0.1088i	9.4801-16.7981i	-11.8653+11.4446i	-2.9455+14.0264i	4.1517-12.2260i
64.4	1.0538-0.3243i	0.9262-0.4247i	0.6685-0.1884i	0.6536-0.1382i	8.7494-17.1982i	-11.4206+11.8033i	-2.2398+13.8151i	3.6441-12.2583i
64.5	1.0367-0.3640i	0.9254-0.4554i	0.6609-0.2096i	0.6497-0.1559i	8.1042-17.4502i	-11.3902+12.2353i	-1.8746+13.7957i	3.5649-12.3735i
64.6	1.0024-0.4044i	0.9039-0.4935i	0.6483-0.2362i	0.6342-0.1863i	7.0128-17.9076i	-10.9982+12.6243i	-1.2300+13.5991i	3.1254-12.4122i
64.7	0.9761-0.4338i	0.8984-0.5281i	0.6392-0.2598i	0.6279-0.2072i	6.2404-18.3119i	-10.9541+12.9811i	-0.8335+13.4757i	2.9785-12.4316i
64.8	0.9418-0.4517i	0.8845-0.5526i	0.6264-0.2732i	0.6173-0.2215i	5.3727-18.2665i	-10.7830+13.2732i	-0.5157+13.2072i	2.7726-12.3796i
64.9	0.8973-0.4810i	0.8612-0.5877i	0.6106-0.2938i	0.6033-0.2475i	4.3077-18.3678i	-10.2787+13.7604i	0.0923+12.8837i	2.2775-12.4749i
65.0	0.8667-0.5078i	0.8348-0.6396i	0.5928-0.3262i	0.5922-0.2772i	3.3149-18.7243i	-9.7946+14.4582i	0.6847+12.5927i	1.7584-12.8807i
65.1	0.8244-0.5144i	0.8097-0.6657i	0.5709-0.3401i	0.5704-0.2884i	2.3657-18.5529i	-9.5374+14.7692i	1.0254+12.2478i	1.4996-12.8549i
65.2	0.8008-0.5192i	0.7869-0.6872i	0.5514-0.3458i	0.5501-0.2929i	1.5653-18.3164i	-9.2576+14.8893i	1.1717+11.9585i	1.2948-12.6763i
65.3	0.7770-0.5233i	0.7597-0.7187i	0.5373-0.3565i	0.5427-0.3092i	1.0274-18.1808i	-8.8525+15.3753i	1.4115+11.6089i	0.9269-12.7992i
65.4	0.7421-0.5268i	0.7064-0.7448i	0.5084-0.3698i	0.5204-0.3260i	-0.0688-17.8545i	-8.0975+15.5996i	1.6940+11.0481i	0.3497-12.7273i
65.5	0.7195-0.5300i	0.6753-0.7614i	0.4913-0.3843i	0.5040-0.3321i	-0.9143-17.5059i	-7.7597+15.8596i	1.9389+10.6877i	0.0059-12.6952i
65.6	0.7051-0.5274i	0.6417-0.7788i	0.4762-0.3903i	0.4915-0.3374i	-1.4470-17.3445i	-7.3791+16.1995i	2.0548+10.3330i	-0.3514-12.6824i
65.7	0.6972-0.5305i	0.6098-0.7946i	0.4617-0.3938i	0.4791-0.3468i	-2.2312-17.0512i	-6.9651+16.5376i	2.1891+10.0516i	-0.6594-12.6674i
65.8	0.6818-0.5279i	0.5835-0.8017i	0.4485-0.3946i	0.4634-0.3540i	-2.7794-16.2147i	-6.6711+16.6817i	2.1895+9.7333i	-0.9222-12.4839i
65.9	0.6676-0.5284i	0.5519-0.8167i	0.4353-0.4052i	0.4508-0.3619i	-3.1684-15.6177i	-6.3485+16.9264i	2.3359+9.5403i	-1.2501-12.4548i
66.0	0.6662-0.5310i	0.5103-0.8350i	0.4264-0.4108i	0.4440-0.3683i	-3.7055-15.1325i	-5.6757+17.4020i	2.5565+9.1779i	-1.6809-12.4778i
66.1	0.6437-0.5349i	0.4696-0.8317i	0.4016-0.4125i	0.4230-0.3723i	-4.3502-14.6468i	-5.0339+17.2599i	2.4562+8.7896i	-2.0693-12.1448i
66.2	0.6400-0.5465i	0.4367-0.8284i	0.3880-0.4133i	0.4091-0.3771i	-4.5623-14.1989i	-4.4703+17.4476i	2.4809+8.5309i	-2.4422-12.0136i
66.3	0.6430-0.5560i	0.4158-0.8183i	0.3838-0.4118i	0.4064-0.3801i	-4.6023-13.6167i	-4.1356+17.6153i	2.4516+8.4328i	-2.6300-11.8444i
66.4	0.6282-0.5591i	0.3876-0.8064i	0.3717-0.4081i	0.3922-0.3799i	-4.8348-13.0261i	-3.6854+17.3802i	2.4058+8.1230i	-2.9677-11.4677i
66.5	0.6287-0.5703i	0.3737-0.8012i	0.3626-0.4122i	0.3868-0.3830i	-4.7551-12.3717i	-3.3758+17.4776i	2.3522+7.9306i	-3.2595-11.2024i
66.6	0.6145-0.5913i	0.3444-0.8021i	0.3509-0.4283i	0.3683-0.3919i	-4.8504-11.9588i	-2.7107+17.6178i	2.3720+7.6626i	-3.5849-10.9413i
66.7	0.6040-0.6162i	0.3158-0.8146i	0.3426-0.4441i	0.3598-0.4090i	-4.9768-11.7353i	-1.8859+18.0155i	2.6104+7.5431i	-4.0164-10.9176i
66.8	0.5892-0.6244i	0.2970-0.8090i	0.3323-0.4439i	0.3531-0.4145i	-5.0274-11.2452i	-1.3399+17.9171i	2.5015+7.3120i	-4.3064-10.5827i
66.9	0.5752-0.6327i	0.2812-0.8055i	0.3187-0.4416i	0.3431-0.4156i	-5.0534-11.0841i	-1.0286+17.6620i	2.4034+7.0670i	-4.4256-10.2624i
67.0	0.5576-0.6528i	0.2613-0.8163i	0.3065-0.4546i	0.3310-0.4269i	-5.0015-10.9420i	-0.6078+17.7467i	2.5785+7.0427i	-4.5213-10.0409i
67.1	0.5337-0.6540i	0.2351-0.7981i	0.2929-0.4551i	0.3154-0.4295i	-4.8856-10.1664i	0.0454+17.5604i	2.4697+6.7824i	-4.8155-9.5865i
67.2	0.5162-0.6552i	0.2118-0.7833i	0.2804-0.4534i	0.3052-0.4235i	-4.8748-9.8312i	0.4284+17.2651i	2.2265+6.4884i	-4.9571-9.1943i
67.3	0.5010-0.6723i	0.1883-0.7772i	0.2673-0.4546i	0.2962-0.4271i	-4.8156-9.5764i	0.8090+17.2848i	2.3053+6.4784i	-5.0372-8.9117i
67.4	0.4909-0.6914i	0.1735-0.7760i	0.2576-0.4588i	0.2868-0.4347i	-4.5740-9.4809i	1.2423+17.1695i	2.4121+6.3101i	-5.1073-8.6265i
67.5	0.4800-0.6984i	0.1715-0.7656i	0.2536-0.4592i	0.2729-0.4339i	-4.4115-9.1539i	1.5348+16.9801i	2.2155+6.1527i	-5.1532-8.2993i
67.6	0.4388-0.7133i	0.1522-0.7524i	0.2344-0.4619i	0.2538-0.4395i	-4.4221-9.1734i	2.1298+16.7391i	2.0102+5.8338i	-5.3106-7.8951i
67.7	0.4149-0.7279i	0.1453-0.7570i	0.2229-0.4702i	0.2464-0.4479i	-4.3152-8.9186i	2.5472+16.7212i	2.0038+5.7432i	-5.3258-7.7131i
67.8	0.3829-0.7344i	0.1303-0.7571i	0.2072-0.4741i	0.2280-0.4515i	-4.4651-8.8103i	3.0166+16.5691i	2.0109+5.5357i	-5.3686-7.4532i
67.9	0.3510-0.7376i	0.1145-0.7570i	0.1926-0.4747i	0.2101-0.4529i	-4.5153-8.8021i	3.3833+16.2802i	1.9250+5.4138i	-5.4400-7.1635i
68.0	0.3210-0.7286i	0.0984-0.7486i	0.1787-0.4737i	0.1953-0.4492i	-4.5671-8.7433i	3.7029+15.7935i	1.7610+5.1975i	-5.3839-6.8584i
68.1	0.2917-0.7236i	0.0775-0.7481i	0.1603-0.4722i	0.1813-0.4516i	-4.4969-8.8197i	4.1473+15.6007i	1.8285+4.9232i	-5.4275-6.6313i
68.2	0.2630-0.7098i	0.0459-0.7350i	0.1405-0.4645i	0.1616-0.4450i	-4.6819-8.5367i	4.4786+15.2989i	1.6380+4.6632i	-5.4759-6.2970i
68.3	0.2409-0.7023i	0.0360-0.7342i	0.1269-0.4641i	0.1472-0.4406i	-4.8735-8.6377i	4.8005+15.0462i	1.5102+4.6274i	-5.3124-6.0198i
68.4	0.2225-0.7022i	0.0240-0.7385i	0.1159-0.4633i	0.1410-0.4429i	-4.6691-8.6503i	5.0990+14.9709i	1.5355+4.6383i	-5.2969-5.8312i
68.5	0.1973-0.6949i	0.0088-0.7340i	0.1029-0.4593i	0.1261-0.4404i	-4.5835-8.4167i	5.3732+14.7241i	1.5195+4.4074i	-5.2887-5.7459i
68.6	0.1735-0.6882i	-0.0146-0.7275i	0.0861-0.4572i	0.1074-0.4393i	-4.7394-8.4437i	5.7744+14.3586i	1.4447+4.2116i	-5.2721-5.5081i

68.7	0.1510−0.6829i	−0.0312−0.7283i	0.0722−0.4558i	0.0957−0.4382i	−4.7416−8.4249i	6.0753+14.1747i	1.4463+4.1863i	−5.1550−5.2338i
68.8	0.1365−0.6683i	−0.0427−0.7140i	0.0614−0.4497i	0.0874−0.4301i	−4.9470−8.2104i	6.1341+13.8212i	1.1782+4.1453i	−5.1107−4.9682i
68.9	0.1203−0.6490i	−0.0605−0.7066i	0.0476−0.4374i	0.0724−0.4212i	−5.0351−8.0799i	6.2912+13.5111i	0.9985+4.0932i	−5.0712−4.8191i
69.0	0.0966−0.6392i	−0.0781−0.7020i	0.0355−0.4356i	0.0630−0.4171i	−5.0168−8.0476i	6.4807+13.2517i	0.8431+4.1020i	−4.8803−4.5408i
69.1	0.0786−0.6199i	−0.0932−0.6865i	0.0267−0.4272i	0.0518−0.4076i	−5.2911−7.9041i	6.7698+12.7374i	0.4764+3.9123i	−4.8047−4.3047i
69.2	0.0636−0.6033i	−0.1081−0.6788i	0.0120−0.4169i	0.0397−0.3979i	−5.3945−7.6713i	7.0140+12.4042i	0.3194+3.8137i	−4.7563−4.1611i
69.3	0.0532−0.5922i	−0.1258−0.6739i	0.0022−0.4092i	0.0286−0.3958i	−5.4439−7.5941i	7.2481+12.1451i	0.3286+3.8446i	−4.7279−4.0603i
69.4	0.0376−0.5761i	−0.1383−0.6672i	−0.0044−0.4059i	0.0221−0.3926i	−5.6133−7.3802i	7.4298+11.8930i	0.2693+3.7222i	−4.6793−3.9425i
69.5	0.0180−0.5593i	−0.1542−0.6591i	−0.0181−0.3998i	0.0060−0.3861i	−5.7092−7.3460i	7.6758+11.5286i	0.1679+3.4996i	−4.6305−3.7728i
69.6	0.0074−0.5408i	−0.1723−0.6566i	−0.0312−0.3921i	−0.0054−0.3777i	−5.8209−7.2124i	7.8141+11.1988i	0.0721+3.4559i	−4.4460−3.6068i
69.7	−0.0034−0.5213i	−0.1880−0.6441i	−0.0409−0.3804i	−0.0101−0.3688i	−5.9171−6.8915i	7.7635+10.8495i	−0.2948+3.4788i	−4.3385−3.4295i
69.8	−0.0118−0.5075i	−0.2160−0.6288i	−0.0489−0.3684i	−0.0233−0.3612i	−5.9715−6.8732i	7.8729+10.5413i	−0.2791+3.2807i	−4.2602−3.3599i
69.9	−0.0177−0.4868i	−0.2359−0.6077i	−0.0596−0.3586i	−0.0362−0.3481i	−6.1341−6.6161i	8.0280+10.2021i	−0.5571+3.1900i	−4.3129−3.1570i
70.0	−0.0218−0.4674i	−0.2520−0.5938i	−0.0699−0.3476i	−0.0460−0.3363i	−6.2807−6.3504i	8.0453+9.9378i	−0.8268+3.3523i	−4.1586−2.9759i
70.1	−0.0254−0.4504i	−0.2622−0.5814i	−0.0739−0.3351i	−0.0476−0.3253i	−6.1565−6.1277i	8.0709+9.6492i	−0.8775+3.4313i	−3.9417−2.8622i
70.2	−0.0270−0.4287i	−0.2725−0.5631i	−0.0792−0.3250i	−0.0514−0.3153i	−6.1463−6.0225i	8.1671+9.2325i	−0.9212+3.4163i	−3.9609−2.7448i
70.3	−0.0327−0.4111i	−0.2883−0.5354i	−0.0839−0.3080i	−0.0601−0.3018i	−6.1668−5.8778i	8.2892+8.9013i	−0.9933+3.3763i	−3.8301−2.6615i
70.4	−0.0331−0.4004i	−0.2957−0.5228i	−0.0883−0.2998i	−0.0650−0.2917i	−6.0878−5.6064i	8.3720+8.6704i	−1.2057+3.3803i	−3.6926−2.5917i
70.5	−0.0297−0.3839i	−0.3088−0.4990i	−0.0947−0.2906i	−0.0702−0.2817i	−6.2105−5.2818i	8.2898+8.3312i	−1.4526+3.4337i	−3.6613−2.4396i
70.6	−0.0283−0.3677i	−0.3162−0.4761i	−0.0960−0.2794i	−0.0689−0.2733i	−6.2300−5.1952i	8.2398+8.0852i	−1.7171+3.4090i	−3.5582−2.2376i
70.7	−0.0291−0.3544i	−0.3304−0.4574i	−0.1026−0.2650i	−0.0739−0.2580i	−6.2357−5.0620i	8.2685+7.7035i	−1.7264+3.2357i	−3.5305−2.2539i
70.8	−0.0142−0.3368i	−0.3227−0.4411i	−0.0970−0.2524i	−0.0730−0.2408i	−5.8948−4.6859i	8.1008+7.3657i	−2.0877+3.5330i	−3.2889−2.1253i
70.9	−0.0183−0.3235i	−0.3402−0.4171i	−0.1040−0.2443i	−0.0803−0.2299i	−6.1231−4.4278i	8.1975+7.1592i	−2.1769+3.3883i	−3.1572−1.9265i
71.0	−0.0138−0.3155i	−0.3462−0.3971i	−0.1038−0.2311i	−0.0746−0.2225i	−6.2247−4.2856i	8.1596+6.9430i	−2.3401+3.3778i	−3.1707−1.8809i
71.1	−0.0071−0.2973i	−0.3424−0.3759i	−0.1004−0.2202i	−0.0764−0.2113i	−6.1585−4.0087i	7.9674+6.6486i	−2.6259+3.5027i	−3.0859−1.7259i
71.2	−0.0044−0.2916i	−0.3482−0.3576i	−0.1074−0.2127i	−0.0838−0.2065i	−6.1463−3.8909i	8.0140+6.4352i	−2.6089+3.5513i	−2.8594−1.7088i
71.3	0.0017−0.2822i	−0.3554−0.3349i	−0.1016−0.2001i	−0.0824−0.1962i	−5.9368−3.8256i	7.9973+6.2387i	−2.8953+3.6665i	−2.7268−1.6842i
71.4	0.0058−0.2741i	−0.3521−0.3106i	−0.0985−0.1883i	−0.0798−0.1871i	−5.7539−3.6730i	7.9162+6.0550i	−2.9589+3.6753i	−2.6195−1.6174i
71.5	0.0123−0.2661i	−0.3523−0.2875i	−0.0983−0.1810i	−0.0738−0.1728i	−5.6284−3.5466i	7.8333+5.8595i	−3.1205+3.8323i	−2.5125−1.5644i
71.6	0.0225−0.2568i	−0.3589−0.2691i	−0.0958−0.1702i	−0.0758−0.1644i	−5.6504−3.3517i	7.7793+5.6220i	−3.4797+3.9207i	−2.3861−1.5378i
71.7	0.0280−0.2549i	−0.3566−0.2484i	−0.0950−0.1598i	−0.0728−0.1544i	−5.5206−3.1414i	7.7481+5.4048i	−3.5810+3.9826i	−2.2433−1.4823i
71.8	0.0373−0.2538i	−0.3428−0.2279i	−0.0891−0.1522i	−0.0675−0.1479i	−5.5458−3.0003i	7.6060+5.2285i	−3.6580+3.9563i	−2.2092−1.3716i
71.9	0.0435−0.2486i	−0.3318−0.1960i	−0.0829−0.1416i	−0.0605−0.1402i	−5.4422−2.7877i	7.4101+4.9658i	−3.9775+4.2808i	−2.1273−1.1314i
72.0	0.0517−0.2442i	−0.3298−0.1815i	−0.0857−0.1377i	−0.0579−0.1332i	−5.3011−2.6621i	7.2922+4.8301i	−4.1251+4.6601i	−1.9674−1.1276i
72.1	0.0561−0.2401i	−0.3171−0.1662i	−0.0794−0.1266i	−0.0602−0.1281i	−5.2607−2.4721i	7.2144+4.6715i	−4.4794+4.7978i	−1.8021−1.1346i
72.2	0.0564−0.2326i	−0.3039−0.1400i	−0.0717−0.1102i	−0.0509−0.1163i	−5.1898−2.3592i	7.2275+4.4843i	−4.6834+4.5102i	−1.7338−1.2250i
72.3	0.0579−0.2265i	−0.2908−0.1226i	−0.0680−0.1034i	−0.0421−0.1042i	−5.2021−2.3064i	7.1531+4.3035i	−4.5165+4.5818i	−1.5078−1.1566i
72.4	0.0653−0.2254i	−0.2716−0.1156i	−0.0616−0.1032i	−0.0357−0.1064i	−4.8966−2.2136i	7.0078+4.1549i	−4.8535+5.1875i	−1.3668−0.9679i
72.5	0.0687−0.2190i	−0.2552−0.1084i	−0.0523−0.1022i	−0.0295−0.1007i	−4.6278−2.1113i	6.8955+4.0365i	−5.1614+5.6125i	−1.2716−0.8902i
72.6	0.0752−0.2178i	−0.2466−0.0975i	−0.0459−0.0972i	−0.0291−0.0912i	−4.6247−2.1173i	6.8503+3.9443i	−5.2760+5.6691i	−1.0131−0.9613i
72.7	0.0738−0.2177i	−0.2325−0.0899i	−0.0444−0.0943i	−0.0236−0.0881i	−4.6203−2.1168i	6.8419+3.9112i	−5.3661+5.6288i	−0.9001−0.9687i
72.8	0.0772−0.2210i	−0.2242−0.0747i	−0.0395−0.0896i	−0.0206−0.0886i	−4.5467−2.0668i	6.8058+3.7517i	−5.2244+5.7425i	−0.7712−1.0089i
72.9	0.0866−0.2145i	−0.2106−0.0631i	−0.0323−0.0814i	−0.0110−0.0816i	−4.6441−1.8347i	6.6913+3.5742i	−5.7137+6.0959i	−0.6590−0.9840i
73.0	0.0863−0.2104i	−0.1956−0.0582i	−0.0246−0.0773i	−0.0036−0.0748i	−4.4316−1.6651i	6.4946+3.4910i	−5.8455+6.5513i	−0.5615−1.0043i
73.1	0.0903−0.2110i	−0.1764−0.0527i	−0.0203−0.0748i	0.0036−0.0734i	−4.0209−1.6095i	6.4648+3.3757i	−5.9398+7.0232i	−0.4714−0.9453i
73.2	0.0914−0.2038i	−0.1629−0.0489i	−0.0164−0.0729i	0.0060−0.0737i	−4.1320−1.5175i	6.4068+3.2541i	−6.2886+7.0891i	−0.3606−1.0349i
73.3	0.0958−0.1990i	−0.1489−0.0489i	−0.0097−0.0707i	0.0121−0.0717i	−3.9871−1.4536i	6.2967+3.0267i	−6.5649+7.5629i	−0.2995−1.0792i
73.4	0.1055−0.1916i	−0.1391−0.0477i	−0.0046−0.0668i	0.0173−0.0681i	−3.9670−1.5046i	6.2379+2.9620i	−6.5907+7.7789i	−0.0542−1.1988i
73.5	0.1172−0.1873i	−0.1233−0.0514i	0.0036−0.0642i	0.0241−0.0677i	−3.7556−1.4931i	6.1308+2.8559i	−6.5822+8.2067i	−0.0060−1.2370i
73.6	0.1223−0.1905i	−0.1144−0.0499i	0.0114−0.0655i	0.0282−0.0708i	−3.7139−1.4753i	6.1151+2.7594i	−6.7572+8.9177i	−0.0132−1.1604i
73.7	0.1237−0.1900i	−0.1033−0.0461i	0.0149−0.0642i	0.0369−0.0688i	−3.5914−1.4574i	5.9845+2.6400i	−7.1609+9.2866i	0.0229−1.1339i
73.8	0.1314−0.1917i	−0.0986−0.0444i	0.0145−0.0642i	0.0385−0.0669i	−3.5029−1.4899i	5.9442+2.5571i	−7.0644+9.5438i	0.1948−1.1488i
73.9	0.1389−0.1920i	−0.0867−0.0443i	0.0224−0.0629i	0.0423−0.0653i	−3.2993−1.3435i	5.8276+2.4639i	−6.9641+10.4312i	0.3624−1.0981i
74.0	0.1437−0.1983i	−0.0792−0.0441i	0.0295−0.0712i	0.0474−0.0664i	−3.1219−1.3724i	5.7284+2.4143i	−6.6457+11.0233i	0.4751−1.2506i
74.1	0.1418−0.1935i	−0.0639−0.0460i	0.0338−0.0651i	0.0523−0.0702i	−3.1240−1.2074i	5.6808+2.2756i	−6.8813+11.1859i	0.6211−1.2702i
74.2	0.1469−0.1848i	−0.0556−0.0497i	0.0349−0.0625i	0.0566−0.0670i	−3.0601−1.2520i	5.5429+2.1617i	−6.6480+11.7796i	0.7302−1.4337i
74.3	0.1573−0.1868i	−0.0485−0.0531i	0.0444−0.0623i	0.0599−0.0644i	−2.9788−1.2479i	5.4557+2.0487i	−6.3802+12.5084i	0.8554−1.6921i
74.4	0.1565−0.1821i	−0.0384−0.0536i	0.0465−0.0650i	0.0672−0.0674i	−2.8636−1.3819i	5.3783+2.0241i	−6.3191+12.6585i	0.8828−1.6222i
74.5	0.1643−0.1792i	−0.0294−0.0588i	0.0573−0.0646i	0.0757−0.0700i	−2.7637−1.2865i	5.2226+1.8614i	−6.1340+13.4798i	1.0028−1.6928i
74.6	0.1725−0.1856i	−0.0195−0.0686i	0.0659−0.0684i	0.0825−0.0759i	−2.6040−1.2557i	5.0899+1.7131i	−5.5043+14.8321i	0.9823−1.6584i
74.7	0.1851−0.1847i	−0.0079−0.0758i	0.0721−0.0647i	0.0879−0.0763i	−2.2807−1.2026i	5.0261+1.6824i	−5.2433+15.5373i	1.1337−1.6378i
74.8	0.1890−0.1870i	−0.0068−0.0766i	0.0759−0.0694i	0.0941−0.0775i	−2.4022−1.3922i	4.9499+1.6870i	−4.7255+15.5753i	1.1046−1.7758i
74.9	0.1955−0.1896i	−0.0067−0.0776i	0.0805−0.0722i	0.0936−0.0804i	−2.3270−1.3801i	4.8439+1.6420i	−4.1140+15.7283i	1.1168−1.9349i

75.0	0.2007−0.1923i	0.0014−0.0847i	0.0825−0.0732i	0.0952−0.0817i	−2.1876−1.4466i	4.6814+1.6118i	−3.2716+16.1738i	1.3363−1.9102i
75.1	0.2076−0.1912i	0.0107−0.0918i	0.0856−0.0772i	0.1003−0.0835i	−2.1615−1.4617i	4.5873+1.5795i	−2.9894+16.5506i	1.3346−1.8308i
75.2	0.2131−0.1954i	0.0153−0.0924i	0.0914−0.0778i	0.1077−0.0875i	−2.1610−1.4917i	4.4922+1.5293i	−2.5668+16.5599i	1.2643−1.8700i
75.3	0.2183−0.2040i	0.0194−0.1007i	0.0972−0.0815i	0.1106−0.0940i	−2.1850−1.4520i	4.4497+1.5004i	−1.7569+16.7504i	1.3137−2.0124i
75.4	0.2324−0.2105i	0.0166−0.1118i	0.0986−0.0913i	0.1117−0.0996i	−2.1529−1.4485i	4.3555+1.4719i	−0.8766+17.4365i	1.6250−2.0349i
75.5	0.2433−0.2182i	0.0227−0.1181i	0.1003−0.0943i	0.1170−0.1050i	−2.0425−1.5173i	4.2271+1.3940i	−0.2176+17.6222i	1.5351−1.9563i
75.6	0.2558−0.2201i	0.0318−0.1226i	0.1060−0.0942i	0.1241−0.1082i	−1.8795−1.5718i	4.0487+1.2655i	0.4228+18.1522i	1.5002−1.8558i
75.7	0.2544−0.2233i	0.0283−0.1254i	0.1071−0.1003i	0.1204−0.1119i	−1.8042−1.6303i	4.0218+1.2842i	0.8223+17.9726i	1.5831−1.8726i
75.8	0.2480−0.2385i	0.0208−0.1292i	0.1073−0.1045i	0.1163−0.1223i	−1.8383−1.6929i	3.8710+1.3565i	1.7071+17.4452i	1.8162−2.1065i
75.9	0.2461−0.2468i	0.0209−0.1309i	0.1039−0.1110i	0.1101−0.1213i	−1.9925−1.6962i	3.8564+1.3029i	2.4782+17.1546i	2.1250−2.0977i
76.0	0.2414−0.2683i	0.0181−0.1396i	0.1023−0.1208i	0.1080−0.1274i	−1.8783−1.7952i	3.7396+1.3257i	4.0379+16.9542i	2.2253−2.0562i
76.1	0.2533−0.2744i	0.0189−0.1463i	0.1055−0.1230i	0.1126−0.1320i	−1.8133−1.8825i	3.5970+1.3071i	4.5091+17.2688i	2.1850−2.0770i
76.2	0.2460−0.2785i	0.0168−0.1461i	0.1036−0.1230i	0.1088−0.1364i	−1.7966−1.9374i	3.5465+1.3112i	4.9821+16.6762i	2.2640−2.2395i
76.3	0.2428−0.2818i	0.0158−0.1477i	0.1038−0.1284i	0.1060−0.1375i	−1.8021−2.0133i	3.5358+1.3381i	5.5918+16.1495i	2.4523−2.4334i
76.4	0.2392−0.2937i	0.0133−0.1546i	0.1048−0.1362i	0.1068−0.1403i	−1.8517−1.9095i	3.4661+1.4146i	6.4730+15.6179i	2.6798−2.4753i
76.5	0.2396−0.3017i	0.0144−0.1546i	0.1044−0.1368i	0.1036−0.1450i	−1.9259−1.9796i	3.2998+1.4131i	7.3447+15.5387i	2.7624−2.4398i
76.6	0.2389−0.2913i	0.0172−0.1543i	0.1045−0.1341i	0.1037−0.1418i	−1.8212−1.8357i	3.2755+1.3405i	7.4054+15.1515i	2.8746−2.6026i
76.7	0.2392−0.2899i	0.0170−0.1537i	0.1067−0.1367i	0.1051−0.1429i	−1.8313−1.9378i	3.2972+1.3138i	7.3465+14.6040i	2.8844−2.9076i
76.8	0.2393−0.2997i	0.0167−0.1602i	0.1057−0.1406i	0.1033−0.1490i	−1.8115−1.9485i	3.1800+1.2721i	8.0474+14.1577i	3.0159−3.0508i
76.9	0.2352−0.3037i	0.0171−0.1637i	0.1063−0.1426i	0.1007−0.1475i	−1.8712−1.8112i	3.1215+1.3273i	8.0188+13.4428i	2.8629−3.3833i
77.0	0.2378−0.3083i	0.0164−0.1568i	0.1052−0.1449i	0.1031−0.1470i	−1.9473−1.8096i	3.0823+1.3491i	8.1407+13.0952i	2.7758−3.4352i
77.1	0.2423−0.3095i	0.0175−0.1597i	0.1069−0.1489i	0.1078−0.1516i	−1.8836−1.9010i	3.0123+1.2792i	8.3262+12.8982i	2.9203−3.3490i
77.2	0.2481−0.3033i	0.0142−0.1665i	0.1028−0.1486i	0.1054−0.1526i	−1.7494−1.9209i	2.9821+1.3570i	8.4018+12.4380i	3.1741−3.4793i
77.3	0.2479−0.3030i	0.0146−0.1708i	0.1025−0.1465i	0.1050−0.1530i	−1.7929−2.0443i	2.8562+1.3071i	8.6752+11.7432i	3.1734−3.8582i
77.4	0.2472−0.3113i	0.0150−0.1716i	0.0993−0.1473i	0.1016−0.1541i	−1.9051−1.7845i	2.7897+1.3419i	8.6950+11.2396i	3.0122−3.9622i
77.5	0.2517−0.3169i	0.0193−0.1687i	0.1007−0.1465i	0.1055−0.1499i	−1.9070−1.6741i	2.7830+1.3525i	8.3501+10.9624i	2.8785−4.0307i
77.6	0.2547−0.3131i	0.0167−0.1703i	0.0997−0.1480i	0.1055−0.1498i	−1.8256−1.8373i	2.7109+1.2748i	8.6975+10.4188i	3.1325−4.1874i
77.7	0.2669−0.3142i	0.0169−0.1742i	0.1058−0.1526i	0.1113−0.1475i	−1.8475−1.7954i	2.6814+1.3000i	8.7425+10.0779i	3.1367−4.4823i
77.8	0.2689−0.3283i	0.0199−0.1771i	0.1084−0.1566i	0.1148−0.1545i	−1.7308−1.6873i	2.7462+1.3448i	8.4082+9.7987i	2.9898−4.5621i
77.9	0.2727−0.3411i	0.0183−0.1799i	0.1059−0.1641i	0.1138−0.1629i	−1.9391−1.8525i	2.6845+1.3303i	8.4825+9.3517i	3.0254−4.7052i
78.0	0.2670−0.3507i	0.0131−0.1776i	0.1023−0.1654i	0.1130−0.1675i	−1.7743−1.7626i	2.5838+1.3901i	8.4260+8.8820i	3.0705−4.7651i
78.1	0.2759−0.3637i	0.0133−0.1809i	0.1098−0.1708i	0.1173−0.1705i	−1.7339−1.8115i	2.4920+1.4098i	8.4170+8.5772i	2.9648−5.0278i
78.2	0.2786−0.3721i	0.0148−0.1828i	0.1100−0.1718i	0.1177−0.1757i	−1.8145−1.8826i	2.5112+1.4606i	8.2608+8.4056i	2.9660−4.9244i
78.3	0.2737−0.3850i	0.0121−0.1882i	0.1079−0.1791i	0.1173−0.1838i	−1.7089−1.6267i	2.4579+1.4801i	8.2628+8.2892i	2.9299−4.8970i
78.4	0.2810−0.3907i	0.0083−0.1928i	0.1081−0.1798i	0.1200−0.1825i	−1.7882−1.6572i	2.3893+1.4060i	8.0742+8.1627i	2.8615−5.1474i
78.5	0.2870−0.4109i	0.0033−0.1975i	0.1083−0.1910i	0.1187−0.1904i	−1.8557−1.8225i	2.3530+1.4811i	8.2202+7.8768i	2.8869−5.4181i
78.6	0.2784−0.4283i	0.0025−0.1994i	0.1095−0.1974i	0.1156−0.1972i	−1.6580−1.9220i	2.2899+1.5168i	8.1983+7.5098i	2.8478−5.4274i
78.7	0.2707−0.4347i	−0.0024−0.1994i	0.1059−0.1997i	0.1096−0.2020i	−1.7543−1.9912i	2.3873+1.4824i	7.9019+7.0802i	2.8838−5.5333i
78.8	0.2659−0.4413i	−0.0028−0.2031i	0.1007−0.2031i	0.1014−0.2047i	−1.7298−1.8570i	2.3654+1.4200i	7.5176+6.6922i	2.8658−5.9182i
78.9	0.2582−0.4497i	0.0001−0.2029i	0.1009−0.2088i	0.1027−0.2061i	−1.8262−1.8210i	2.2753+1.5402i	6.7802+6.7009i	2.2203−5.8251i
79.0	0.2665−0.4589i	0.0041−0.2100i	0.1092−0.2201i	0.1116−0.2074i	−1.7747−1.6179i	2.2469+1.5591i	5.9417+7.8593i	1.9298−5.3751i
79.1	0.2608−0.4809i	−0.0017−0.2197i	0.1016−0.2264i	0.1147−0.2138i	−1.5761−1.6512i	2.2465+1.5663i	6.6425+8.6527i	2.4148−5.0293i
79.2	0.2510−0.4976i	−0.0087−0.2212i	0.0869−0.2289i	0.1108−0.2150i	−1.5717−1.9106i	2.2327+1.5882i	7.3342+8.2648i	2.7186−5.2003i
79.3	0.2455−0.5079i	−0.0154−0.2259i	0.0868−0.2271i	0.1076−0.2227i	−1.4770−1.9704i	2.1595+1.6206i	7.7818+8.0460i	3.0873−5.6414i
79.4	0.2359−0.5190i	−0.0212−0.2225i	0.0845−0.2283i	0.1018−0.2277i	−1.4907−1.9430i	2.2534+1.5907i	7.6723+7.8157i	3.0193−6.1296i
79.5	0.2160−0.5169i	−0.0310−0.2169i	0.0700−0.2319i	0.0894−0.2260i	−1.6194−1.7598i	2.2601+1.5377i	7.5820+7.3830i	2.9783−6.3146i
79.6	0.1953−0.5192i	−0.0341−0.2136i	0.0590−0.2362i	0.0787−0.2267i	−1.7405−1.6898i	2.1976+1.5260i	7.6366+7.2344i	2.9311−6.1710i
79.7	0.1860−0.5295i	−0.0377−0.2113i	0.0519−0.2376i	0.0776−0.2285i	−1.8005−1.8577i	2.2439+1.5533i	7.7105+7.0059i	2.7665−6.3402i
79.8	0.1793−0.5254i	−0.0396−0.2070i	0.0511−0.2338i	0.0782−0.2293i	−1.7419−1.7911i	2.1820+1.5414i	7.7629+6.6664i	2.9605−6.6132i
79.9	0.1742−0.5245i	−0.0405−0.2030i	0.0538−0.2304i	0.0686−0.2318i	−1.7660−1.7824i	2.2052+1.5049i	7.7108+6.6166i	2.9992−6.6118i
80.0	0.1608−0.5254i	−0.0455−0.2015i	0.0494−0.2258i	0.0633−0.2338i	−1.7447−1.7928i	2.1854+1.4807i	7.5765+6.6013i	2.9099−6.6204i

1.1.7 Run 2 – IP270-200 – NF and AF gauges

In-plane shaking at 270° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.6326+0.0000i	0.2479+0.0000i	1.0152+0.0000i	2.3372+0.0000i	0.0034+0.0000i	-0.0139+0.0000i	0.0691+0.0000i	0.0486+0.0000i
0.1	0.5784+0.0050i	0.2374+0.0141i	0.8063+0.0272i	2.2640+0.0030i	0.0024-0.0014i	-0.0127-0.0003i	0.0622-0.0022i	0.0464+0.0004i
0.2	-0.0079-0.0106i	0.0813+0.0140i	-1.3790+0.0126i	1.3699+0.0062i	-0.0002+0.0010i	0.0011+0.0013i	-0.0047+0.0011i	0.0030+0.0095i
0.3	-0.0005+0.0403i	0.0732-0.0033i	-1.2940+0.0373i	1.3474-0.0050i	-0.0002+0.0029i	-0.0033-0.0054i	-0.0123-0.0006i	-0.0181+0.0033i
0.4	0.0315+0.0329i	0.1512+0.0885i	-1.2127-0.0008i	1.2858-0.0181i	-0.0049+0.0001i	-0.0066+0.0027i	-0.0120-0.0126i	-0.0285-0.0105i
0.5	-0.2697-0.0127i	0.1132+0.0318i	-1.8203-0.0977i	1.6186+0.0570i	-0.0289-0.0001i	-0.0164-0.0099i	-0.0407-0.0152i	-0.0189+0.0022i
0.6	-0.1497-0.0204i	0.0761+0.0139i	-1.7612-0.0363i	1.5848+0.0324i	-0.0140-0.0011i	-0.0123-0.0049i	-0.0266-0.0032i	-0.0202+0.0049i
0.7	-0.1291-0.0111i	0.0859+0.0036i	-1.6984-0.0171i	1.5687+0.0230i	-0.0142+0.0007i	-0.0114+0.0019i	-0.0239-0.0005i	-0.0165+0.0053i
0.8	-0.1201-0.0031i	0.0936-0.0022i	-1.6643-0.0027i	1.5552+0.0054i	-0.0154+0.0005i	-0.0120+0.0014i	-0.0239-0.0005i	-0.0157+0.0026i
0.9	-0.1109+0.0023i	0.1042-0.0129i	-1.6341-0.0171i	1.5460+0.0190i	-0.0149+0.0004i	-0.0125+0.0011i	-0.0248-0.0000i	-0.0167+0.0012i
1.0	-0.1295-0.0114i	0.1242-0.0189i	-1.6488-0.0522i	1.5524+0.0341i	-0.0180-0.0004i	-0.0149+0.0006i	-0.0302-0.0011i	-0.0183+0.0021i
1.1	-0.1781+0.0803i	0.1530-0.0937i	-1.7158-0.0178i	1.5907+0.0148i	-0.0243+0.0121i	-0.0200+0.0123i	-0.0430+0.0218i	-0.0197+0.0109i
1.2	-0.0925+0.1466i	0.0795-0.1578i	-1.7190-0.0088i	1.6040+0.0106i	-0.0130+0.0218i	-0.0089+0.0216i	-0.0219+0.0426i	-0.0122+0.0153i
1.3	0.0354+0.0764i	-0.0482-0.0890i	-1.7394+0.0082i	1.6283-0.0037i	0.0055+0.0121i	0.0095+0.0122i	0.0170+0.0254i	-0.0034+0.0069i
1.4	0.0323-0.0348i	-0.0453+0.0259i	-1.7737+0.0305i	1.6622-0.0217i	0.0061-0.0045i	0.0104-0.0044i	0.0192-0.0078i	-0.0034-0.0042i
1.5	-0.0430-0.0463i	0.0351+0.0404i	-1.8266+0.0756i	1.7107-0.0607i	-0.0052-0.0078i	-0.0003-0.0082i	-0.0025-0.0142i	-0.0106-0.0074i
1.6	-0.0616-0.0296i	0.0573+0.0228i	-1.8429+0.1270i	1.7264-0.1064i	-0.0094-0.0057i	-0.0045-0.0066i	-0.0086-0.0106i	-0.0152-0.0063i
1.7	-0.0656-0.0154i	0.0628+0.0022i	-1.7795+0.2796i	1.6729-0.2418i	-0.0120-0.0021i	-0.0074-0.0044i	-0.0123-0.0081i	-0.0199-0.0020i
1.8	-0.0709-0.0105i	0.0626-0.0037i	-1.5855+0.3266i	1.5012-0.2861i	-0.0130-0.0002i	-0.0102-0.0030i	-0.0179-0.0075i	-0.0208+0.0024i
1.9	-0.0796-0.0061i	0.0659-0.0048i	-1.4276+0.2412i	1.3614-0.2099i	-0.0138+0.0009i	-0.0126-0.0012i	-0.0236-0.0044i	-0.0207+0.0041i
2.0	-0.0851-0.0027i	0.0708-0.0078i	-1.4201+0.1844i	1.3554-0.1587i	-0.0155+0.0016i	-0.0145+0.0002i	-0.0267-0.0018i	-0.0232+0.0050i
2.1	-0.0970+0.0057i	0.0819-0.0135i	-1.4448+0.1286i	1.3780-0.1089i	-0.0205+0.0037i	-0.0192+0.0027i	-0.0335+0.0026i	-0.0308+0.0077i
2.2	-0.1142+0.0447i	0.0990-0.0478i	-1.4544+0.0921i	1.3872-0.0768i	-0.0282+0.0191i	-0.0268+0.0183i	-0.0444+0.0259i	-0.0430+0.0319i
2.3	-0.0710+0.0899i	0.0605-0.0891i	-1.4574+0.0807i	1.3905-0.0672i	-0.0111+0.0378i	-0.0097+0.0372i	-0.0193+0.0532i	-0.0156+0.0617i
2.4	-0.0020+0.0445i	-0.0032-0.0477i	-1.4693+0.0722i	1.4018-0.0600i	0.0176+0.0196i	0.0191+0.0191i	0.0223+0.0265i	0.0303+0.0328i
2.5	-0.0254+0.0039i	0.0185-0.0092i	-1.4890+0.0665i	1.4204-0.0544i	0.0080+0.0025i	0.0097+0.0021i	0.0086+0.0020i	0.0150+0.0056i
2.6	-0.0400-0.0011i	0.0323-0.0044i	-1.5002+0.0561i	1.4310-0.0456i	0.0021+0.0004i	0.0039+0.0000i	0.0001-0.0006i	0.0056+0.0022i
2.7	-0.0459-0.0014i	0.0386-0.0040i	-1.5065+0.0513i	1.4369-0.0414i	-0.0001+0.0000i	0.0018-0.0003i	-0.0034-0.0010i	0.0021+0.0015i
2.8	-0.0492-0.0010i	0.0424-0.0038i	-1.5073+0.0397i	1.4385-0.0303i	-0.0016-0.0002i	0.0002-0.0003i	-0.0057-0.0008i	-0.0003+0.0012i
2.9	-0.0522-0.0008i	0.0451-0.0044i	-1.5178+0.0361i	1.4479-0.0268i	-0.0027-0.0001i	-0.0008-0.0002i	-0.0071-0.0006i	-0.0015+0.0014i
3.0	-0.0545-0.0013i	0.0463-0.0037i	-1.5230+0.0415i	1.4521-0.0321i	-0.0034-0.0003i	-0.0013-0.0005i	-0.0081-0.0012i	-0.0026+0.0013i
3.1	-0.0565-0.0007i	0.0479-0.0036i	-1.5307+0.0398i	1.4601-0.0324i	-0.0040-0.0002i	-0.0019-0.0003i	-0.0089-0.0010i	-0.0035+0.0014i
3.2	-0.0561+0.0005i	0.0488-0.0051i	-1.5462+0.0395i	1.4747-0.0306i	-0.0044-0.0001i	-0.0022-0.0003i	-0.0088-0.0008i	-0.0040+0.0014i
3.3	-0.0549-0.0014i	0.0487-0.0036i	-1.5507+0.0534i	1.4799-0.0432i	-0.0042-0.0003i	-0.0021-0.0005i	-0.0085-0.0015i	-0.0045+0.0009i
3.4	-0.0584-0.0037i	0.0508-0.0012i	-1.5374+0.0571i	1.4689-0.0464i	-0.0046-0.0006i	-0.0027-0.0010i	-0.0101-0.0023i	-0.0044+0.0009i
3.5	-0.0597-0.0032i	0.0520-0.0021i	-1.5424+0.0402i	1.4714-0.0319i	-0.0051-0.0006i	-0.0033-0.0010i	-0.0110-0.0018i	-0.0050+0.0006i
3.6	-0.0597-0.0018i	0.0526-0.0036i	-1.5464+0.0403i	1.4736-0.0328i	-0.0053-0.0006i	-0.0034-0.0011i	-0.0113-0.0016i	-0.0055+0.0001i
3.7	-0.0622+0.0003i	0.0548-0.0051i	-1.5575+0.0317i	1.4857-0.0253i	-0.0057-0.0004i	-0.0037-0.0008i	-0.0119-0.0011i	-0.0058+0.0001i
3.8	-0.0671-0.0019i	0.0565-0.0049i	-1.5601+0.0201i	1.4901-0.0138i	-0.0062-0.0004i	-0.0041-0.0008i	-0.0127-0.0009i	-0.0056+0.0000i
3.9	-0.0661-0.0015i	0.0548-0.0062i	-1.5786+0.0203i	1.5089-0.0138i	-0.0060-0.0003i	-0.0040-0.0004i	-0.0119-0.0004i	-0.0053+0.0004i
4.0	-0.0649-0.0008i	0.0563-0.0057i	-1.5832+0.0223i	1.5093-0.0189i	-0.0061-0.0003i	-0.0040-0.0007i	-0.0122-0.0005i	-0.0061+0.0008i
4.1	-0.0652-0.0019i	0.0576-0.0037i	-1.5884+0.0158i	1.5132-0.0137i	-0.0065-0.0007i	-0.0041-0.0008i	-0.0125-0.0008i	-0.0067+0.0004i
4.2	-0.0655-0.0050i	0.0572-0.0027i	-1.5892+0.0214i	1.5168-0.0171i	-0.0065-0.0013i	-0.0039-0.0013i	-0.0125-0.0019i	-0.0063-0.0006i
4.3	-0.0651-0.0049i	0.0570-0.0046i	-1.6091+0.0162i	1.5364-0.0110i	-0.0065-0.0007i	-0.0042-0.0011i	-0.0124-0.0013i	-0.0067+0.0004i
4.4	-0.0679-0.0029i	0.0606-0.0056i	-1.6240+0.0170i	1.5506-0.0102i	-0.0067-0.0007i	-0.0044-0.0007i	-0.0129-0.0007i	-0.0080+0.0005i
4.5	-0.0686-0.0030i	0.0613-0.0015i	-1.6322+0.0140i	1.5570-0.0110i	-0.0072-0.0010i	-0.0046-0.0007i	-0.0130-0.0012i	-0.0074-0.0001i
4.6	-0.0673-0.0024i	0.0605-0.0020i	-1.6407+0.0117i	1.5645-0.0073i	-0.0069-0.0007i	-0.0045-0.0007i	-0.0128-0.0004i	-0.0075+0.0000i
4.7	-0.0680-0.0006i	0.0613-0.0044i	-1.6521+0.0078i	1.5761-0.0055i	-0.0072-0.0005i	-0.0044-0.0009i	-0.0130-0.0005i	-0.0081-0.0004i
4.8	-0.0685-0.0009i	0.0610-0.0069i	-1.6639+0.0146i	1.5881-0.0103i	-0.0072-0.0002i	-0.0045-0.0005i	-0.0131-0.0002i	-0.0076-0.0002i
4.9	-0.0696-0.0025i	0.0630-0.0071i	-1.6777+0.0186i	1.6007-0.0104i	-0.0073-0.0003i	-0.0043-0.0003i	-0.0133+0.0000i	-0.0078-0.0003i
5.0	-0.0694-0.0031i	0.0654-0.0048i	-1.6897+0.0201i	1.6099-0.0088i	-0.0077-0.0004i	-0.0048-0.0004i	-0.0136-0.0003i	-0.0088-0.0002i
5.1	-0.0711-0.0027i	0.0660-0.0037i	-1.6947+0.0200i	1.6159-0.0126i	-0.0076-0.0006i	-0.0051-0.0007i	-0.0140-0.0006i	-0.0093-0.0001i
5.2	-0.0719-0.0015i	0.0661-0.0025i	-1.7031+0.0204i	1.6239-0.0156i	-0.0079-0.0004i	-0.0053-0.0005i	-0.0143-0.0005i	-0.0084+0.0000i
5.3	-0.0729-0.0021i	0.0676-0.0024i	-1.7170+0.0184i	1.6380-0.0160i	-0.0085-0.0006i	-0.0056-0.0009i	-0.0144-0.0004i	-0.0086-0.0000i
5.4	-0.0771-0.0052i	0.0690+0.0005i	-1.7244+0.0210i	1.6461-0.0187i	-0.0090-0.0015i	-0.0059-0.0019i	-0.0154-0.0016i	-0.0096-0.0008i
5.5	-0.0778-0.0048i	0.0691-0.0014i	-1.7351+0.0272i	1.6545-0.0211i	-0.0092-0.0012i	-0.0063-0.0017i	-0.0162-0.0017i	-0.0106-0.0011i
5.6	-0.0791+0.0010i	0.0697-0.0052i	-1.7467+0.0236i	1.6648-0.0191i	-0.0096+0.0000i	-0.0064-0.0007i	-0.0164+0.0001i	-0.0112-0.0002i

5.7	-0.0777-0.0016i	0.0714-0.0082i	-1.7568+0.0237i	1.6758-0.0175i	-0.0090+0.0006i	-0.0064-0.0001i	-0.0163+0.0011i	-0.0099+0.0007i
5.8	-0.0781-0.0032i	0.0701-0.0045i	-1.7708+0.0246i	1.6863-0.0191i	-0.0082-0.0004i	-0.0055-0.0008i	-0.0152-0.0003i	-0.0101+0.0001i
5.9	-0.0764-0.0026i	0.0715-0.0038i	-1.7756+0.0272i	1.6896-0.0238i	-0.0082-0.0005i	-0.0052-0.0011i	-0.0152-0.0004i	-0.0098+0.0007i
6.0	-0.0834-0.0029i	0.0778-0.0031i	-1.7891+0.0247i	1.7062-0.0215i	-0.0100-0.0008i	-0.0070-0.0012i	-0.0175-0.0002i	-0.0116+0.0002i
6.1	-0.0868+0.0013i	0.0765-0.0065i	-1.8048+0.0288i	1.7173-0.0235i	-0.0105+0.0003i	-0.0077-0.0002i	-0.0179+0.0009i	-0.0113+0.0026i
6.2	-0.0861+0.0008i	0.0782-0.0064i	-1.8129+0.0282i	1.7259-0.0222i	-0.0107+0.0005i	-0.0075-0.0001i	-0.0177+0.0012i	-0.0108+0.0023i
6.3	-0.0924-0.0010i	0.0836-0.0073i	-1.8304+0.0204i	1.7425-0.0152i	-0.0111+0.0003i	-0.0077-0.0001i	-0.0182+0.0012i	-0.0113+0.0012i
6.4	-0.0962-0.0001i	0.0817-0.0101i	-1.8530+0.0182i	1.7651-0.0137i	-0.0112+0.0005i	-0.0078+0.0000i	-0.0182+0.0010i	-0.0115+0.0013i
6.5	-0.0930+0.0048i	0.0815-0.0124i	-1.8602+0.0211i	1.7726-0.0161i	-0.0107+0.0008i	-0.0072+0.0003i	-0.0176+0.0014i	-0.0115+0.0022i
6.6	-0.1026+0.0030i	0.0834-0.0101i	-1.8782+0.0193i	1.7858-0.0156i	-0.0114-0.0001i	-0.0075-0.0003i	-0.0187+0.0012i	-0.0130+0.0007i
6.7	-0.1065-0.0024i	0.0856-0.0082i	-1.8956+0.0122i	1.7988-0.0099i	-0.0122-0.0003i	-0.0084-0.0007i	-0.0197+0.0009i	-0.0139-0.0003i
6.8	-0.1149+0.0012i	0.0879-0.0120i	-1.9140+0.0196i	1.8101-0.0133i	-0.0130+0.0006i	-0.0095+0.0001i	-0.0206+0.0015i	-0.0154+0.0012i
6.9	-0.1190+0.0163i	0.0922-0.0146i	-1.9351+0.0345i	1.8299-0.0178i	-0.0138+0.0020i	-0.0102+0.0017i	-0.0218+0.0038i	-0.0158+0.0038i
7.0	-0.1290+0.0281i	0.0970-0.0179i	-1.9633+0.0356i	1.8473-0.0095i	-0.0151+0.0031i	-0.0113+0.0028i	-0.0238+0.0055i	-0.0173+0.0064i
7.1	-0.1268+0.0566i	0.0996-0.0256i	-1.9814+0.0500i	1.8674-0.0002i	-0.0142+0.0060i	-0.0111+0.0050i	-0.0229+0.0089i	-0.0175+0.0102i
7.2	-0.0836+0.0828i	0.0881-0.0310i	-1.9814+0.0619i	1.9007+0.0069i	-0.0094+0.0086i	-0.0063+0.0074i	-0.0162+0.0118i	-0.0105+0.0136i
7.3	-0.0497+0.0648i	0.0799-0.0288i	-1.9844+0.0508i	1.9354+0.0035i	-0.0064+0.0071i	-0.0031+0.0065i	-0.0125+0.0100i	-0.0054+0.0115i
7.4	-0.0559+0.0304i	0.0837-0.0204i	-2.0045+0.0383i	1.9528-0.0102i	-0.0071+0.0036i	-0.0039+0.0031i	-0.0138+0.0053i	-0.0066+0.0061i
7.5	-0.0664+0.0198i	0.0862-0.0205i	-2.0286+0.0400i	1.9640-0.0150i	-0.0079+0.0026i	-0.0046+0.0017i	-0.0149+0.0043i	-0.0066+0.0046i
7.6	-0.0730+0.0137i	0.0869-0.0224i	-2.0570+0.0368i	1.9893-0.0205i	-0.0086+0.0018i	-0.0051+0.0010i	-0.0155+0.0032i	-0.0071+0.0033i
7.7	-0.0812+0.0134i	0.0892-0.0214i	-2.0817+0.0383i	2.0110-0.0257i	-0.0091+0.0016i	-0.0060+0.0006i	-0.0166+0.0025i	-0.0077+0.0041i
7.8	-0.0851+0.0110i	0.0995-0.0166i	-2.1137+0.0379i	2.0428-0.0322i	-0.0110+0.0013i	-0.0069-0.0002i	-0.0187+0.0020i	-0.0092+0.0031i
7.9	-0.0954+0.0148i	0.1094-0.0195i	-2.1342+0.0395i	2.0567-0.0314i	-0.0121+0.0025i	-0.0087+0.0009i	-0.0208+0.0039i	-0.0123+0.0038i
8.0	-0.0983+0.0169i	0.1125-0.0244i	-2.1602+0.0413i	2.0805-0.0336i	-0.0121+0.0027i	-0.0088+0.0016i	-0.0212+0.0051i	-0.0119+0.0048i
8.1	-0.0963+0.0199i	0.1090-0.0277i	-2.1902+0.0437i	2.1062-0.0363i	-0.0119+0.0036i	-0.0083+0.0029i	-0.0206+0.0055i	-0.0095+0.0058i
8.2	-0.0991+0.0183i	0.1077-0.0314i	-2.2165+0.0483i	2.1299-0.0373i	-0.0121+0.0037i	-0.0075+0.0032i	-0.0207+0.0062i	-0.0097+0.0069i
8.3	-0.1044+0.0252i	0.1133-0.0355i	-2.2427+0.0532i	2.1602-0.0405i	-0.0130+0.0045i	-0.0078+0.0037i	-0.0219+0.0075i	-0.0109+0.0073i
8.4	-0.1126+0.0257i	0.1147-0.0343i	-2.2781+0.0464i	2.1940-0.0390i	-0.0136+0.0050i	-0.0090+0.0039i	-0.0234+0.0079i	-0.0112+0.0073i
8.5	-0.1157+0.0285i	0.1258-0.0397i	-2.3096+0.0468i	2.2213-0.0420i	-0.0146+0.0050i	-0.0101+0.0039i	-0.0246+0.0087i	-0.0118+0.0083i
8.6	-0.1216+0.0308i	0.1351-0.0419i	-2.3378+0.0560i	2.2497-0.0542i	-0.0160+0.0057i	-0.0116+0.0038i	-0.0267+0.0091i	-0.0152+0.0085i
8.7	-0.1266+0.0326i	0.1358-0.0397i	-2.3776+0.0660i	2.2966-0.0628i	-0.0163+0.0056i	-0.0118+0.0042i	-0.0275+0.0091i	-0.0157+0.0078i
8.8	-0.1260+0.0417i	0.1356-0.0504i	-2.4144+0.0727i	2.3304-0.0700i	-0.0156+0.0070i	-0.0107+0.0057i	-0.0260+0.0117i	-0.0157+0.0090i
8.9	-0.1296+0.0448i	0.1401-0.0607i	-2.4513+0.0786i	2.3621-0.0796i	-0.0158+0.0084i	-0.0110+0.0073i	-0.0256+0.0137i	-0.0159+0.0122i
9.0	-0.1308+0.0536i	0.1436-0.0735i	-2.4870+0.0937i	2.3971-0.0951i	-0.0158+0.0103i	-0.0114+0.0086i	-0.0272+0.0155i	-0.0149+0.0150i
9.1	-0.1243+0.0621i	0.1410-0.0809i	-2.5165+0.0922i	2.4268-0.0966i	-0.0155+0.0116i	-0.0107+0.0100i	-0.0270+0.0173i	-0.0128+0.0156i
9.2	-0.1254+0.0696i	0.1466-0.0958i	-2.5661+0.0882i	2.4707-0.0963i	-0.0150+0.0129i	-0.0108+0.0110i	-0.0271+0.0200i	-0.0124+0.0182i
9.3	-0.1199+0.0849i	0.1350-0.1181i	-2.6164+0.0828i	2.5108-0.1038i	-0.0128+0.0166i	-0.0081+0.0144i	-0.0244+0.0247i	-0.0074+0.0213i
9.4	-0.0985+0.0918i	0.1059-0.1290i	-2.6701+0.0879i	2.5548-0.1099i	-0.0084+0.0174i	-0.0031+0.0151i	-0.0182+0.0270i	-0.0006+0.0211i
9.5	-0.0826+0.0686i	0.0736-0.1077i	-2.7367+0.0978i	2.6103-0.1071i	-0.0042+0.0128i	0.0010+0.0111i	-0.0123+0.0223i	0.0031+0.0154i
9.6	-0.0785+0.0553i	0.0644-0.0865i	-2.7905+0.1006i	2.6547-0.1090i	-0.0030+0.0108i	0.0020+0.0086i	-0.0099+0.0193i	0.0049+0.0120i
9.7	-0.0821+0.0471i	0.0717-0.0701i	-2.8456+0.1257i	2.7027-0.1205i	-0.0038+0.0087i	0.0015+0.0061i	-0.0111+0.0169i	0.0039+0.0086i
9.8	-0.0894+0.0395i	0.0812-0.0585i	-2.9043+0.1495i	2.7582-0.1358i	-0.0047+0.0069i	0.0007+0.0044i	-0.0124+0.0148i	0.0029+0.0067i
9.9	-0.0997+0.0346i	0.0929-0.0526i	-2.9659+0.1595i	2.8213-0.1481i	-0.0056+0.0056i	-0.0005+0.0036i	-0.0124+0.0139i	0.0015+0.0061i
10.0	-0.1128+0.0327i	0.1054-0.0557i	-3.0351+0.1838i	2.8968-0.1679i	-0.0074+0.0051i	-0.0018+0.0030i	-0.0137+0.0130i	-0.0024+0.0049i
10.1	-0.1207+0.0326i	0.1202-0.0547i	-3.1031+0.2052i	2.9673-0.1895i	-0.0089+0.0057i	-0.0030+0.0025i	-0.0163+0.0126i	-0.0034+0.0033i
10.2	-0.1258+0.0342i	0.1317-0.0593i	-3.1599+0.2219i	3.0260-0.2042i	-0.0099+0.0056i	-0.0037+0.0025i	-0.0178+0.0127i	-0.0035+0.0029i
10.3	-0.1318+0.0400i	0.1266-0.0707i	-3.2215+0.2371i	3.0777-0.2272i	-0.0098+0.0067i	-0.0035+0.0032i	-0.0174+0.0140i	-0.0029+0.0043i
10.4	-0.1426+0.0410i	0.1359-0.0698i	-3.3130+0.2530i	3.1600-0.2413i	-0.0101+0.0060i	-0.0043+0.0020i	-0.0184+0.0135i	-0.0040+0.0028i
10.5	-0.1517+0.0353i	0.1524-0.0642i	-3.3933+0.2767i	3.2315-0.2545i	-0.0110+0.0046i	-0.0058+0.0010i	-0.0198+0.0125i	-0.0054+0.0014i
10.6	-0.1650+0.0357i	0.1574-0.0614i	-3.4816+0.3086i	3.3188-0.2778i	-0.0121+0.0034i	-0.0060-0.0005i	-0.0192+0.0110i	-0.0063-0.0015i
10.7	-0.1811+0.0416i	0.1703-0.0639i	-3.5972+0.3353i	3.4349-0.3043i	-0.0136+0.0035i	-0.0073-0.0008i	-0.0226+0.0120i	-0.0054-0.0040i
10.8	-0.1801+0.0520i	0.1800-0.0700i	-3.6697+0.3901i	3.5065-0.3525i	-0.0144+0.0040i	-0.0082-0.0002i	-0.0225+0.0145i	-0.0097-0.0048i
10.9	-0.1800+0.0447i	0.1879-0.0664i	-3.7354+0.4018i	3.5702-0.3651i	-0.0158+0.0032i	-0.0090-0.0005i	-0.0228+0.0128i	-0.0127-0.0044i
11.0	-0.1970+0.0366i	0.2095-0.0637i	-3.8729+0.4051i	3.7087-0.3714i	-0.0190+0.0031i	-0.0119-0.0020i	-0.0297+0.0120i	-0.0113-0.0054i
11.1	-0.2174+0.0473i	0.2282-0.0876i	-4.0073+0.3979i	3.8330-0.3630i	-0.0207+0.0048i	-0.0140-0.0005i	-0.0324+0.0149i	-0.0151-0.0067i
11.2	-0.2426+0.0528i	0.2470-0.0947i	-4.1384+0.4331i	3.9621-0.3995i	-0.0234+0.0052i	-0.0163+0.0005i	-0.0354+0.0172i	-0.0191-0.0052i
11.3	-0.2640+0.0600i	0.2646-0.0935i	-4.3053+0.4640i	4.1208-0.4320i	-0.0256+0.0051i	-0.0184+0.0007i	-0.0365+0.0171i	-0.0229-0.0036i
11.4	-0.2872+0.0669i	0.2841-0.0961i	-4.4976+0.4926i	4.3026-0.4626i	-0.0278+0.0055i	-0.0204+0.0003i	-0.0393+0.0188i	-0.0260-0.0052i
11.5	-0.3089+0.0708i	0.3064-0.1074i	-4.7165+0.5281i	4.5234-0.4908i	-0.0301+0.0063i	-0.0221+0.0014i	-0.0421+0.0211i	-0.0293-0.0052i
11.6	-0.3370+0.0828i	0.3345-0.1142i	-4.9520+0.5656i	4.7456-0.5249i	-0.0329+0.0068i	-0.0247+0.0017i	-0.0459+0.0224i	-0.0321-0.0044i
11.7	-0.3773+0.1111i	0.3716-0.1391i	-5.2423+0.6454i	5.0230-0.5946i	-0.0369+0.0096i	-0.0277+0.0036i	-0.0507+0.0264i	-0.0363-0.0023i
11.8	-0.3972+0.1319i	0.3956-0.1595i	-5.4775+0.7513i	5.2479-0.6938i	-0.0398+0.0117i	-0.0293+0.0054i	-0.0523+0.0297i	-0.0406+0.0010i
11.9	-0.4352+0.1430i	0.4335-0.1788i	-5.8628+0.9074i	5.6179-0.8554i	-0.0440+0.0131i	-0.0326+0.0066i	-0.0583+0.0328i	-0.0449-0.0001i

12.0	-0.4995+0.1428i	0.4996-0.1823i	-6.2945+0.9712i	6.0479-0.9178i	-0.0502+0.0132i	-0.0390+0.0066i	-0.0690+0.0350i	-0.0495-0.0014i
12.1	-0.5707+0.1676i	0.5910-0.2099i	-6.8302+1.1960i	6.5568-1.1370i	-0.0586+0.0152i	-0.0474+0.0076i	-0.0815+0.0400i	-0.0561+0.0006i
12.2	-0.6354+0.2190i	0.6548-0.2749i	-7.3297+1.5067i	7.0379-1.4292i	-0.0659+0.0205i	-0.0528+0.0120i	-0.0902+0.0489i	-0.0620+0.0041i
12.3	-0.7466+0.2494i	0.7700-0.3130i	-7.9800+1.7894i	7.6713-1.6950i	-0.0775+0.0240i	-0.0636+0.0141i	-0.1071+0.0583i	-0.0723+0.0024i
12.4	-0.8571+0.2934i	0.8775-0.3633i	-8.6121+2.1684i	8.2886-2.0542i	-0.0893+0.0293i	-0.0747+0.0171i	-0.1220+0.0718i	-0.0854+0.0002i
12.5	-1.0404+0.4784i	1.0668-0.5709i	-9.6411+3.3146i	9.2666-3.1595i	-0.1084+0.0498i	-0.0933+0.0328i	-0.1413+0.1089i	-0.1139+0.0121i
12.6	-1.2115+0.6538i	1.2351-0.7748i	-10.6332+4.4050i	10.2184-4.2050i	-0.1267+0.0695i	-0.1099+0.0503i	-0.1566+0.1470i	-0.1394+0.0219i
12.7	-1.3326+0.9219i	1.3392-1.0591i	-11.1467+5.8854i	10.7266-5.6267i	-0.1390+0.0977i	-0.1234+0.0763i	-0.1572+0.1911i	-0.1675+0.0434i
12.8	-1.4752+1.3124i	1.4587-1.4667i	-11.5942+7.9778i	11.1754-7.6369i	-0.1541+0.1398i	-0.1408+0.1143i	-0.1488+0.2556i	-0.2129+0.0795i
12.9	-1.4555+1.8508i	1.3876-2.0163i	-11.2320+10.5257i	10.8199-10.0867i	-0.1484+0.1973i	-0.1397+0.1663i	-0.1093+0.3212i	-0.2418+0.1510i
13.0	-1.5272+2.6964i	1.4184-2.8788i	-11.1048+14.1730i	10.6998-13.6104i	-0.1535+0.2856i	-0.1468+0.2504i	-0.0703+0.4115i	-0.2858+0.2742i
13.1	-1.2760+3.4321i	1.1304-3.6083i	-9.8795+17.1331i	9.5372-16.4721i	-0.1256+0.3621i	-0.1225+0.3240i	-0.0157+0.4763i	-0.2714+0.3979i
13.2	-0.0614+4.9350i	-0.1672-5.0799i	-4.5838+22.9188i	4.4591-22.0718i	0.0053+0.5193i	-0.0068+0.4745i	0.1629+0.5958i	-0.1382+0.6490i
13.3	1.6083+5.1873i	-1.8693-5.2685i	2.1917+23.3606i	-2.0841-22.5330i	0.1834+0.5445i	0.1595+0.5037i	0.3537+0.5756i	0.0992+0.7266i
13.4	3.8736+3.6838i	-4.1064-3.6599i	10.1974+16.2734i	-9.8419-15.7262i	0.4253+0.3797i	0.3920+0.3596i	0.5678+0.3477i	0.4658+0.5517i
13.5	4.3807+2.6189i	-4.5841-2.5595i	11.3392+12.0062i	-10.9712-11.6096i	0.4760+0.2648i	0.4460+0.2530i	0.5977+0.2146i	0.5584+0.4045i
13.6	4.4210+1.4976i	-4.5933-1.4148i	10.5179+7.9150i	-10.1969-7.6403i	0.4786+0.1441i	0.4532+0.1372i	0.5755+0.0889i	0.5832+0.2344i
13.7	4.2955+0.7004i	-4.4344-0.6133i	8.8122+5.2793i	-8.5520-5.0706i	0.4632+0.0569i	0.4433+0.0542i	0.5472+0.0032i	0.5726+0.1119i
13.8	4.2443+0.3025i	-4.3634-0.2117i	7.8527+4.2449i	-7.6285-4.0581i	0.4561+0.0128i	0.4388+0.0112i	0.5353-0.0406i	0.5670+0.0515i
13.9	4.3400-0.0586i	-4.4433+0.1571i	7.0588+3.4144i	-6.8651-3.2460i	0.4649-0.0267i	0.4499-0.0276i	0.5414-0.0836i	0.5805-0.0008i
14.0	4.3944-0.5459i	-4.4787+0.6443i	5.9179+2.7766i	-5.7596-2.6195i	0.4687-0.0793i	0.4559-0.0802i	0.5430-0.1392i	0.5855-0.0734i
14.1	4.5423-1.2292i	-4.6013+1.3259i	4.9103+2.4355i	-4.7744-2.2769i	0.4824-0.1535i	0.4712-0.1553i	0.5569-0.2210i	0.6016-0.1734i
14.2	4.6742-1.9949i	-4.7162+2.0813i	4.3285+2.4187i	-4.2026-2.2535i	0.4937-0.2361i	0.4838-0.2387i	0.5692-0.3155i	0.6148-0.2793i
14.3	4.9002-2.8706i	-4.9294+2.9530i	3.8475+2.4957i	-3.7337-2.3232i	0.5142-0.3307i	0.5056-0.3347i	0.5923-0.4254i	0.6401-0.3995i
14.4	4.4896-4.7400i	-4.5117+4.8054i	3.4776+2.7783i	-3.3653-2.5964i	0.4651-0.5305i	0.4555-0.5369i	0.5301-0.6578i	0.5744-0.6514i
14.5	2.6737-6.3707i	-2.7081+6.4126i	3.4503+3.0742i	-3.3311-2.8916i	0.2652-0.7010i	0.2541-0.7082i	0.2917-0.8535i	0.3223-0.8632i
14.6	-0.0100-6.9163i	-0.0459+6.9507i	3.8548+3.0165i	-3.7158-2.8397i	-0.0244-0.7530i	-0.0388-0.7586i	-0.0505-0.9067i	-0.0399-0.9270i
14.7	-2.0485-5.6292i	1.9897+5.6776i	4.1247+2.5638i	-3.9743-2.3998i	-0.2412-0.6100i	-0.2557-0.6132i	-0.3034-0.7332i	-0.3104-0.7473i
14.8	-2.9617-3.8841i	2.9171+3.9606i	4.2176+1.9621i	-4.0506-1.8057i	-0.3376-0.4211i	-0.3511-0.4214i	-0.4126-0.5081i	-0.4301-0.5099i
14.9	-2.8628-2.3392i	2.8411+2.4374i	3.9630+1.4818i	-3.7835-1.3308i	-0.3253-0.2551i	-0.3369-0.2540i	-0.3938-0.3172i	-0.4155-0.2960i
15.0	-2.5845-1.6946i	2.5788+1.7893i	3.7551+1.2603i	-3.5602-1.1193i	-0.2951-0.1853i	-0.3054-0.1834i	-0.3625-0.2402i	-0.3710-0.2047i
15.1	-2.2036-1.1839i	2.2227+1.2649i	3.4640+0.9998i	-3.2658-0.8890i	-0.2548-0.1291i	-0.2641-0.1260i	-0.3203-0.1652i	-0.3134-0.1437i
15.2	-1.8786-0.8662i	1.9096+0.9236i	3.1738+0.7066i	-2.9811-0.6381i	-0.2195-0.0932i	-0.2282-0.0900i	-0.2751-0.1196i	-0.2722-0.1035i
15.3	-1.6263-0.6696i	1.6589+0.7020i	2.9050+0.5856i	-2.7289-0.5445i	-0.1915-0.0706i	-0.1994-0.0679i	-0.2402-0.0919i	-0.2387-0.0747i
15.4	-1.4897-0.5256i	1.5153+0.5451i	2.6276+0.4502i	-2.4705-0.4318i	-0.1757-0.0540i	-0.1826-0.0514i	-0.2205-0.0706i	-0.2185-0.0539i
15.5	-1.3286-0.4316i	1.3515+0.4459i	2.4027+0.4003i	-2.2633-0.3849i	-0.1578-0.0432i	-0.1636-0.0399i	-0.1981-0.0574i	-0.1959-0.0416i
15.6	-1.1854-0.3377i	1.2031+0.3528i	2.2476+0.3605i	-2.1229-0.3477i	-0.1415-0.0330i	-0.1468-0.0300i	-0.1785-0.0455i	-0.1751-0.0305i
15.7	-1.0929-0.3077i	1.1099+0.3149i	2.1228+0.3203i	-2.0027-0.3121i	-0.1310-0.0301i	-0.1361-0.0279i	-0.1654-0.0421i	-0.1624-0.0257i
15.8	-0.9750-0.2421i	0.9907+0.2520i	1.9295+0.3228i	-1.8227-0.3242i	-0.1179-0.0226i	-0.1217-0.0208i	-0.1500-0.0335i	-0.1455-0.0160i
15.9	-0.9034-0.1795i	0.9156+0.1909i	1.8212+0.3425i	-1.7254-0.3363i	-0.1096-0.0155i	-0.1129-0.0138i	-0.1399-0.0251i	-0.1353-0.0080i
16.0	-0.8458-0.1602i	0.8580+0.1668i	1.6398+0.2827i	-1.5464-0.2866i	-0.1035-0.0138i	-0.1066-0.0125i	-0.1310-0.0229i	-0.1269-0.0065i
16.1	-0.8029-0.1738i	0.8098+0.1807i	1.5179+0.2340i	-1.4309-0.2395i	-0.0985-0.0160i	-0.1019-0.0142i	-0.1265-0.0258i	-0.1210-0.0094i
16.2	-0.7599-0.1858i	0.7657+0.1875i	1.4397+0.2144i	-1.3638-0.2192i	-0.0937-0.0171i	-0.0974-0.0153i	-0.1213-0.0264i	-0.1151-0.0111i
16.3	-0.7347-0.1636i	0.7441+0.1626i	1.3245+0.2419i	-1.2551-0.2470i	-0.0907-0.0139i	-0.0938-0.0122i	-0.1161-0.0233i	-0.1120-0.0063i
16.4	-0.7266-0.1328i	0.7273+0.1347i	1.2154+0.2393i	-1.1572-0.2437i	-0.0899-0.0104i	-0.0918-0.0085i	-0.1141-0.0206i	-0.1094-0.0013i
16.5	-0.7119-0.1378i	0.7078+0.1352i	1.1364+0.2142i	-1.0813-0.2125i	-0.0885-0.0109i	-0.0905-0.0086i	-0.1140-0.0208i	-0.1086-0.0022i
16.6	-0.6785-0.1264i	0.6757+0.1284i	1.0746+0.2052i	-1.0290-0.2048i	-0.0839-0.0099i	-0.0862-0.0080i	-0.1089-0.0189i	-0.1044+0.0004i
16.7	-0.6691-0.1187i	0.6671+0.1231i	1.0020+0.1523i	-0.9612-0.1536i	-0.0830-0.0091i	-0.0852-0.0076i	-0.1076-0.0186i	-0.1030+0.0018i
16.8	-0.6667-0.0750i	0.6664+0.0749i	0.8764+0.1804i	-0.8376-0.1801i	-0.0836-0.0039i	-0.0848-0.0027i	-0.1071-0.0129i	-0.1022+0.0074i
16.9	-0.6393-0.0762i	0.6418+0.0693i	0.8226+0.1536i	-0.7827-0.1567i	-0.0810-0.0042i	-0.0817-0.0032i	-0.1057-0.0138i	-0.0971+0.0071i
17.0	-0.6235-0.0785i	0.6212+0.0696i	0.7417+0.1383i	-0.7030-0.1380i	-0.0790-0.0048i	-0.0796-0.0035i	-0.1058-0.0129i	-0.0939+0.0074i
17.1	-0.6046-0.0563i	0.6032+0.0485i	0.6616+0.1529i	-0.6334-0.1591i	-0.0775-0.0020i	-0.0770-0.0007i	-0.1043-0.0089i	-0.0915+0.0111i
17.2	-0.5986-0.0402i	0.5952+0.0316i	0.6277+0.1367i	-0.6046-0.1528i	-0.0768+0.0003i	-0.0759+0.0007i	-0.1029-0.0066i	-0.0892+0.0121i
17.3	-0.6103-0.0263i	0.6061+0.0182i	0.4810+0.1312i	-0.4670-0.1442i	-0.0784+0.0027i	-0.0776+0.0027i	-0.1050-0.0041i	-0.0899+0.0146i
17.4	-0.6003-0.0299i	0.6021+0.0179i	0.4176+0.1247i	-0.4083-0.1279i	-0.0777+0.0027i	-0.0773+0.0029i	-0.1054-0.0043i	-0.0897+0.0172i
17.5	-0.5988-0.0354i	0.6034+0.0205i	0.3416+0.1131i	-0.3345-0.1218i	-0.0772+0.0021i	-0.0771+0.0019i	-0.1060-0.0054i	-0.0910+0.0166i
17.6	-0.6227-0.0275i	0.6254+0.0080i	0.1978+0.1130i	-0.1996-0.1215i	-0.0804+0.0033i	-0.0796+0.0027i	-0.1103-0.0051i	-0.0932+0.0168i
17.7	-0.6244+0.0100i	0.6290-0.0276i	0.0924+0.2063i	-0.1008-0.2088i	-0.0816+0.0085i	-0.0797+0.0076i	-0.1118+0.0009i	-0.0934+0.0227i
17.8	-0.6031-0.0030i	0.6053-0.0102i	0.1115+0.1376i	-0.1209-0.1469i	-0.0789+0.0068i	-0.0776+0.0055i	-0.1094-0.0023i	-0.0895+0.0214i
17.9	-0.6159+0.0291i	0.6171-0.0496i	0.0008+0.2071i	-0.0159-0.2161i	-0.0812+0.0114i	-0.0797+0.0099i	-0.1126+0.0045i	-0.0908+0.0273i
18.0	-0.6392+0.0546i	0.6364-0.0827i	-0.1409+0.2651i	0.1159-0.2770i	-0.0842+0.0156i	-0.0815+0.0134i	-0.1162+0.0107i	-0.0920+0.0329i
18.1	-0.6487+0.0556i	0.6424-0.0742i	-0.2209+0.2417i	0.1869-0.2521i	-0.0842+0.0147i	-0.0820+0.0126i	-0.1175+0.0100i	-0.0930+0.0318i
18.2	-0.6776+0.0407i	0.6658-0.0597i	-0.3546+0.1876i	0.3073-0.2005i	-0.0880+0.0126i	-0.0850+0.0114i	-0.1236+0.0067i	-0.0965+0.0293i

18.3	−0.6913+0.0353i	0.6775−0.0549i	−0.4325+0.1665i	0.3796−0.1795i	−0.0902+0.0117i	−0.0871+0.0105i	−0.1275+0.0042i	−0.0970+0.0308i
18.4	−0.6600+0.0527i	0.6518−0.0747i	−0.4082+0.2094i	0.3579−0.2137i	−0.0876+0.0128i	−0.0848+0.0111i	−0.1245+0.0061i	−0.0923+0.0332i
18.5	−0.6863+0.1579i	0.6748−0.1823i	−0.5441+0.5106i	0.4926−0.4930i	−0.0909+0.0267i	−0.0883+0.0230i	−0.1310+0.0254i	−0.0947+0.0463i
18.6	−0.7579+0.1428i	0.7455−0.1802i	−0.8152+0.4505i	0.7502−0.4329i	−0.1026+0.0267i	−0.0978+0.0226i	−0.1479+0.0228i	−0.1063+0.0482i
18.7	−0.7473+0.1357i	0.7342−0.1819i	−0.8381+0.4383i	0.7773−0.4352i	−0.1026+0.0276i	−0.0974+0.0228i	−0.1482+0.0249i	−0.1040+0.0500i
18.8	−0.7225+0.1340i	0.7067−0.1841i	−0.8132+0.4656i	0.7429−0.4693i	−0.0982+0.0291i	−0.0936+0.0237i	−0.1448+0.0265i	−0.0995+0.0527i
18.9	−0.7303+0.1773i	0.7160−0.2293i	−0.8809+0.5920i	0.8000−0.5881i	−0.0987+0.0352i	−0.0944+0.0298i	−0.1479+0.0354i	−0.0973+0.0592i
19.0	−0.8204+0.2882i	0.7977−0.3402i	−1.2074+0.8949i	1.1030−0.8763i	−0.1102+0.0517i	−0.1054+0.0442i	−0.1677+0.0572i	−0.1033+0.0792i
19.1	−0.8767+0.2980i	0.8430−0.3570i	−1.3948+0.9222i	1.2789−0.8971i	−0.1166+0.0549i	−0.1108+0.0466i	−0.1794+0.0612i	−0.1078+0.0814i
19.2	−0.9157+0.3334i	0.8652−0.3953i	−1.5332+1.0518i	1.3907−1.0163i	−0.1205+0.0615i	−0.1139+0.0525i	−0.1873+0.0710i	−0.1084+0.0889i
19.3	−0.9840+0.4802i	0.9156−0.5384i	−1.7757+1.4824i	1.6104−1.4075i	−0.1284+0.0829i	−0.1224+0.0715i	−0.2042+0.1001i	−0.1076+0.1130i
19.4	−0.9600+0.6424i	0.8889−0.6899i	−1.7352+1.9397i	1.5703−1.8164i	−0.1223+0.1046i	−0.1184+0.0914i	−0.2022+0.1343i	−0.0955+0.1318i
19.5	−0.8370+1.0341i	0.7331−1.0568i	−1.4069+3.0783i	1.2630−2.8664i	−0.0988+0.1559i	−0.0978+0.1381i	−0.1769+0.2194i	−0.0595+0.1712i
19.6	−0.8255+1.1177i	0.7130−1.1362i	−1.3905+3.3127i	1.2593−3.0798i	−0.0962+0.1673i	−0.0965+0.1476i	−0.1763+0.2391i	−0.0529+0.1798i
19.7	−0.3956+1.1968i	0.3023−1.1811i	−0.1674+3.5532i	0.1398−3.2910i	−0.0374+0.1717i	−0.0432+0.1536i	−0.0854+0.2583i	0.0013+0.1649i
19.8	0.0050+1.3456i	−0.0913−1.3070i	0.9844+4.0016i	−0.9274−3.7181i	0.0206+0.1874i	0.0087+0.1703i	0.0052+0.2972i	0.0542+0.1604i
19.9	0.0047+1.4456i	−0.0969−1.4171i	0.9580+4.3026i	−0.8989−4.0055i	0.0228+0.2038i	0.0104+0.1860i	0.0061+0.3280i	0.0607+0.1695i
20.0	0.3424+1.2464i	−0.4423−1.2143i	1.9424+3.7358i	−1.8374−3.4929i	0.0709+0.1731i	0.0547+0.1591i	0.0906+0.2874i	0.0947+0.1319i
20.1	0.5503+1.1577i	−0.6663−1.1122i	2.5804+3.4680i	−2.4388−3.2467i	0.1025+0.1570i	0.0826+0.1448i	0.1482+0.2693i	0.1148+0.1070i
20.2	0.5909+1.1498i	−0.7151−1.0882i	2.6941+3.4208i	−2.5562−3.1926i	0.1096+0.1521i	0.0895+0.1407i	0.1638+0.2646i	0.1168+0.0982i
20.3	0.5946+0.9873i	−0.7128−0.9031i	2.6989+2.9348i	−2.5579−2.7093i	0.1078+0.1266i	0.0873+0.1173i	0.1670+0.2213i	0.1033+0.0745i
20.4	0.6296+0.8505i	−0.7198−0.7570i	2.7780+2.5027i	−2.6044−2.2985i	0.1081+0.1048i	0.0870+0.0979i	0.1747+0.1862i	0.0905+0.0571i
20.5	0.7019+0.7463i	−0.7688−0.6444i	2.9733+2.1746i	−2.7745−1.9988i	0.1132+0.0884i	0.0922+0.0836i	0.1907+0.1600i	0.0857+0.0455i
20.6	0.7753+0.5519i	−0.8206−0.4481i	3.1481+1.5885i	−2.9292−1.4550i	0.1197+0.0610i	0.0986+0.0609i	0.2069+0.1109i	0.0830+0.0286i
20.7	0.6264+0.4529i	−0.6689−0.3600i	2.6850+1.3083i	−2.4858−1.1986i	0.0970+0.0493i	0.0793+0.0509i	0.1705+0.0866i	0.0636+0.0280i
20.8	0.5764+0.3788i	−0.6055−0.2913i	2.5156+1.0856i	−2.3292−1.0021i	0.0881+0.0410i	0.0719+0.0429i	0.1576+0.0676i	0.0527+0.0262i
20.9	0.5233+0.3345i	−0.5417−0.2515i	2.3360+0.9575i	−2.1603−0.8912i	0.0790+0.0376i	0.0646+0.0390i	0.1439+0.0572i	0.0450+0.0292i
21.0	0.4716+0.2519i	−0.4812−0.1732i	2.1529+0.6774i	−1.9850−0.6280i	0.0704+0.0258i	0.0577+0.0289i	0.1283+0.0354i	0.0383+0.0250i
21.1	0.4283+0.2037i	−0.4335−0.1319i	2.0056+0.5260i	−1.8595−0.4949i	0.0646+0.0198i	0.0524+0.0227i	0.1181+0.0229i	0.0333+0.0225i
21.2	0.3730+0.1840i	−0.3782−0.1212i	1.8112+0.4716i	−1.6897−0.4590i	0.0563+0.0176i	0.0455+0.0215i	0.1029+0.0178i	0.0297+0.0247i
21.3	0.3470+0.2012i	−0.3623−0.1442i	1.7253+0.5174i	−1.6064−0.5013i	0.0541+0.0208i	0.0432+0.0242i	0.0987+0.0215i	0.0269+0.0297i
21.4	0.3407+0.1272i	−0.3424−0.0668i	1.6735+0.2768i	−1.5553−0.2772i	0.0502+0.0106i	0.0409+0.0165i	0.0888−0.0015i	0.0266+0.0296i
21.5	0.3446+0.1208i	−0.3408−0.0648i	1.6568+0.2512i	−1.5398−0.2526i	0.0502+0.0104i	0.0415+0.0167i	0.0864−0.0069i	0.0311+0.0366i
21.6	0.3156+0.1361i	−0.3167−0.0867i	1.5513+0.2869i	−1.4568−0.2872i	0.0471+0.0128i	0.0382+0.0185i	0.0787−0.0014i	0.0309+0.0383i
21.7	0.2900+0.1127i	−0.2913−0.0671i	1.4566+0.2261i	−1.3695−0.2248i	0.0437+0.0103i	0.0352+0.0156i	0.0695−0.0042i	0.0316+0.0345i
21.8	0.2587+0.0978i	−0.2595−0.0528i	1.3348+0.1883i	−1.2485−0.1880i	0.0393+0.0083i	0.0316+0.0132i	0.0582−0.0046i	0.0317+0.0302i
21.9	0.2539+0.1120i	−0.2566−0.0672i	1.3068+0.2223i	−1.2244−0.2186i	0.0390+0.0112i	0.0319+0.0150i	0.0546+0.0007i	0.0352+0.0298i
22.0	0.2427+0.0903i	−0.2441−0.0555i	1.2493+0.1645i	−1.1699−0.1707i	0.0368+0.0091i	0.0304+0.0130i	0.0500+0.0011i	0.0373+0.0242i
22.1	0.2166+0.0725i	−0.2140−0.0417i	1.1357+0.1155i	−1.0647−0.1267i	0.0329+0.0059i	0.0273+0.0112i	0.0426+0.0004i	0.0350+0.0183i
22.2	0.2243+0.0735i	−0.2268−0.0396i	1.1392+0.1254i	−1.0648−0.1292i	0.0352+0.0072i	0.0300+0.0121i	0.0411+0.0023i	0.0415+0.0187i
22.3	0.2133+0.0645i	−0.2119−0.0293i	1.0934+0.0927i	−1.0260−0.0976i	0.0335+0.0058i	0.0287+0.0105i	0.0385+0.0018i	0.0408+0.0156i
22.4	0.2001+0.0532i	−0.1902−0.0189i	1.0275+0.0733i	−0.9595−0.0757i	0.0310+0.0038i	0.0263+0.0084i	0.0354+0.0016i	0.0372+0.0111i
22.5	0.1906+0.0660i	−0.1795−0.0427i	0.9857+0.1165i	−0.9138−0.1059i	0.0287+0.0062i	0.0245+0.0114i	0.0345+0.0047i	0.0332+0.0158i
22.6	0.1945+0.0650i	−0.1901−0.0470i	0.9924+0.0889i	−0.9263−0.0918i	0.0306+0.0048i	0.0260+0.0113i	0.0380+0.0057i	0.0353+0.0140i
22.7	0.1901+0.0491i	−0.1910−0.0278i	0.9678+0.0534i	−0.9100−0.0674i	0.0301+0.0030i	0.0274+0.0081i	0.0383+0.0053i	0.0368+0.0078i
22.8	0.1765+0.0368i	−0.1638−0.0166i	0.8853+0.0145i	−0.8353−0.0288i	0.0266+0.0016i	0.0246+0.0051i	0.0342+0.0032i	0.0322+0.0023i
22.9	0.1749+0.0334i	−0.1573−0.0120i	0.8667−0.0107i	−0.8090−0.0005i	0.0262−0.0001i	0.0242+0.0036i	0.0344+0.0028i	0.0311+0.0003i
23.0	0.1682+0.0474i	−0.1553−0.0206i	0.8421+0.0257i	−0.7764−0.0300i	0.0256+0.0009i	0.0236+0.0053i	0.0340+0.0059i	0.0287+0.0016i
23.1	0.1631+0.0444i	−0.1546−0.0233i	0.7794+0.0170i	−0.7251−0.0330i	0.0240+0.0012i	0.0215+0.0046i	0.0340+0.0035i	0.0262+0.0026i
23.2	0.1640+0.0326i	−0.1565−0.0150i	0.7699−0.0095i	−0.7210−0.0097i	0.0244−0.0015i	0.0226+0.0019i	0.0356+0.0013i	0.0265−0.0014i
23.3	0.1608+0.0261i	−0.1434−0.0070i	0.7292+0.0066i	−0.6897−0.0115i	0.0236−0.0024i	0.0207+0.0010i	0.0315+0.0006i	0.0264−0.0018i
23.4	0.1500+0.0226i	−0.1386−0.0044i	0.6919+0.0171i	−0.6567−0.0174i	0.0222−0.0016i	0.0188+0.0011i	0.0309+0.0023i	0.0235−0.0012i
23.5	0.1393+0.0191i	−0.1325−0.0085i	0.6629+0.0176i	−0.6244−0.0228i	0.0203−0.0005i	0.0173+0.0016i	0.0297+0.0026i	0.0198−0.0004i
23.6	0.1389+0.0262i	−0.1292−0.0152i	0.6319+0.0413i	−0.5981−0.0471i	0.0193+0.0005i	0.0166+0.0022i	0.0297+0.0031i	0.0186+0.0001i
23.7	0.1353+0.0297i	−0.1286−0.0042i	0.6209+0.0428i	−0.5892−0.0500i	0.0189+0.0003i	0.0163+0.0017i	0.0288+0.0025i	0.0171−0.0011i
23.8	0.1257+0.0311i	−0.1163−0.0056i	0.6029+0.0629i	−0.5653−0.0659i	0.0173+0.0016i	0.0156+0.0022i	0.0268+0.0027i	0.0155+0.0011i
23.9	0.1207+0.0144i	−0.1068+0.0056i	0.5704+0.0193i	−0.5349−0.0166i	0.0157−0.0015i	0.0146+0.0004i	0.0261−0.0007i	0.0152−0.0010i
24.0	0.1164+0.0110i	−0.1067+0.0068i	0.5543+0.0188i	−0.5270−0.0134i	0.0157−0.0010i	0.0137+0.0000i	0.0260−0.0031i	0.0142−0.0009i
24.1	0.1000+0.0154i	−0.1029−0.0027i	0.5278+0.0446i	−0.5069−0.0456i	0.0148+0.0002i	0.0129+0.0005i	0.0245−0.0010i	0.0132+0.0010i
24.2	0.0945+0.0088i	−0.0973+0.0076i	0.5055+0.0193i	−0.4843−0.0262i	0.0141−0.0014i	0.0122+0.0002i	0.0225+0.0004i	0.0117−0.0036i
24.3	0.1010+0.0138i	−0.0955+0.0074i	0.5083+0.0173i	−0.4770−0.0186i	0.0143−0.0011i	0.0115+0.0011i	0.0231−0.0000i	0.0141−0.0026i
24.4	0.0962+0.0181i	−0.0910−0.0017i	0.4807+0.0325i	−0.4451−0.0290i	0.0130+0.0000i	0.0107+0.0027i	0.0214+0.0004i	0.0118+0.0027i
24.5	0.0901+0.0122i	−0.0880+0.0004i	0.4551+0.0331i	−0.4267−0.0279i	0.0121−0.0006i	0.0101+0.0021i	0.0206−0.0009i	0.0095+0.0007i

24.6	0.0873+0.0128i	-0.0903+0.0015i	0.4418+0.0398i	-0.4112-0.0305i	0.0119-0.0010i	0.0105+0.0005i	0.0209-0.0022i	0.0108+0.0001i
24.7	0.1004+0.0065i	-0.0911+0.0099i	0.4478+0.0086i	-0.4169+0.0011i	0.0131-0.0025i	0.0118-0.0004i	0.0217-0.0024i	0.0124-0.0022i
24.8	0.0887+0.0057i	-0.0750+0.0059i	0.4151+0.0054i	-0.3806+0.0001i	0.0110-0.0012i	0.0092-0.0000i	0.0194-0.0015i	0.0083-0.0002i
24.9	0.0909+0.0039i	-0.0765+0.0053i	0.4044+0.0096i	-0.3747-0.0044i	0.0104-0.0014i	0.0100+0.0012i	0.0195-0.0016i	0.0076+0.0010i
25.0	0.0824+0.0208i	-0.0688-0.0096i	0.3670+0.0367i	-0.3504-0.0328i	0.0099+0.0010i	0.0089+0.0029i	0.0176+0.0026i	0.0073+0.0011i
25.1	0.0776+0.0253i	-0.0730-0.0064i	0.3548+0.0314i	-0.3343-0.0322i	0.0094+0.0016i	0.0082+0.0033i	0.0172+0.0027i	0.0061+0.0020i
25.2	0.0822+0.0107i	-0.0645+0.0038i	0.3472+0.0104i	-0.3251-0.0113i	0.0093-0.0003i	0.0076+0.0028i	0.0172+0.0020i	0.0064-0.0006i
25.3	0.0832+0.0073i	-0.0715+0.0061i	0.3459+0.0164i	-0.3162-0.0131i	0.0100-0.0008i	0.0082+0.0022i	0.0178+0.0014i	0.0092+0.0018i
25.4	0.0740+0.0056i	-0.0698+0.0061i	0.3270-0.0015i	-0.2994-0.0005i	0.0099-0.0006i	0.0078+0.0009i	0.0181-0.0009i	0.0071+0.0009i
25.5	0.0633+0.0122i	-0.0543+0.0102i	0.2858+0.0167i	-0.2692-0.0172i	0.0091+0.0006i	0.0060+0.0015i	0.0149-0.0006i	0.0088-0.0004i
25.6	0.0652+0.0031i	-0.0570+0.0130i	0.2805-0.0027i	-0.2664-0.0045i	0.0091-0.0010i	0.0066+0.0010i	0.0147-0.0015i	0.0071-0.0010i
25.7	0.0728-0.0029i	-0.0617+0.0052i	0.2738-0.0111i	-0.2567+0.0120i	0.0095-0.0018i	0.0075+0.0000i	0.0165-0.0007i	0.0053-0.0004i
25.8	0.0762+0.0097i	-0.0650+0.0023i	0.2649+0.0097i	-0.2459-0.0048i	0.0097-0.0010i	0.0087+0.0010i	0.0161+0.0006i	0.0063+0.0010i
25.9	0.0634+0.0071i	-0.0606-0.0001i	0.2373+0.0159i	-0.2163-0.0150i	0.0084-0.0010i	0.0065+0.0003i	0.0156+0.0001i	0.0060+0.0006i
26.0	0.0645+0.0085i	-0.0596-0.0016i	0.2314+0.0354i	-0.2069-0.0323i	0.0081+0.0010i	0.0064+0.0019i	0.0150+0.0035i	0.0058-0.0004i
26.1	0.0712+0.0062i	-0.0567+0.0036i	0.2344+0.0226i	-0.2129-0.0130i	0.0080+0.0006i	0.0060+0.0021i	0.0143+0.0024i	0.0059+0.0005i
26.2	0.0652+0.0026i	-0.0534+0.0093i	0.2324+0.0182i	-0.2066-0.0093i	0.0072-0.0010i	0.0062+0.0007i	0.0155+0.0001i	0.0037+0.0001i
26.3	0.0626+0.0010i	-0.0529+0.0076i	0.2179+0.0109i	-0.1909-0.0055i	0.0080-0.0018i	0.0067-0.0003i	0.0167-0.0023i	0.0052-0.0023i
26.4	0.0565+0.0031i	-0.0433+0.0078i	0.1689+0.0093i	-0.1473+0.0028i	0.0072-0.0022i	0.0069-0.0003i	0.0147-0.0012i	0.0052-0.0035i
26.5	0.0594-0.0026i	-0.0440+0.0031i	0.1575+0.0140i	-0.1411-0.0089i	0.0072-0.0008i	0.0069-0.0005i	0.0146-0.0017i	0.0045-0.0019i
26.6	0.0492-0.0040i	-0.0472+0.0035i	0.1361+0.0277i	-0.1283-0.0223i	0.0066-0.0007i	0.0061-0.0003i	0.0147-0.0023i	0.0040-0.0022i
26.7	0.0507+0.0027i	-0.0433+0.0085i	0.1463+0.0460i	-0.1400-0.0336i	0.0059+0.0007i	0.0056+0.0004i	0.0146-0.0002i	0.0022-0.0016i
26.8	0.0544+0.0038i	-0.0354+0.0048i	0.1370+0.0192i	-0.1235-0.0230i	0.0063-0.0001i	0.0055+0.0006i	0.0149-0.0006i	0.0036-0.0013i
26.9	0.0465+0.0039i	-0.0338-0.0004i	0.0956+0.0304i	-0.0816-0.0299i	0.0046-0.0009i	0.0048+0.0004i	0.0132+0.0010i	0.0018-0.0050i
27.0	0.0424-0.0027i	-0.0374-0.0129i	0.0648+0.0370i	-0.0509-0.0362i	0.0042-0.0007i	0.0045-0.0002i	0.0135+0.0012i	0.0006-0.0047i
27.1	0.0439+0.0008i	-0.0337-0.0242i	0.0623+0.0486i	-0.0601-0.0470i	0.0041+0.0015i	0.0047+0.0011i	0.0135+0.0030i	0.0001-0.0018i
27.2	0.0408-0.0060i	-0.0292-0.0133i	0.0456+0.0571i	-0.0494-0.0561i	0.0036+0.0002i	0.0045+0.0002i	0.0150+0.0016i	0.0004-0.0021i
27.3	0.0495+0.0050i	-0.0450+0.0001i	0.0778+0.0773i	-0.0683-0.0667i	0.0049+0.0010i	0.0048-0.0001i	0.0169-0.0004i	-0.0000-0.0008i
27.4	0.0511+0.0077i	-0.0459-0.0020i	0.0723+0.0670i	-0.0564-0.0682i	0.0047+0.0022i	0.0049-0.0004i	0.0168+0.0006i	-0.0008+0.0008i
27.5	0.0394+0.0040i	-0.0448-0.0079i	0.0416+0.0935i	-0.0382-0.0906i	0.0044+0.0018i	0.0051-0.0000i	0.0152-0.0003i	-0.0014+0.0012i
27.6	0.0336-0.0048i	-0.0415-0.0106i	0.0159+0.1102i	-0.0161-0.1031i	0.0035+0.0013i	0.0032+0.0003i	0.0143-0.0010i	-0.0023+0.0026i
27.7	0.0361-0.0105i	-0.0410-0.0095i	0.0100+0.1061i	-0.0078-0.0914i	0.0039-0.0004i	0.0043-0.0001i	0.0154-0.0026i	-0.0022+0.0012i
27.8	0.0476-0.0068i	-0.0460+0.0055i	0.0220+0.0966i	-0.0236-0.0915i	0.0062-0.0001i	0.0050-0.0009i	0.0161-0.0025i	-0.0003+0.0009i
27.9	0.0464-0.0128i	-0.0415-0.0015i	0.0221+0.1045i	-0.0125-0.0976i	0.0049+0.0002i	0.0028-0.0007i	0.0166-0.0034i	-0.0027-0.0004i
28.0	0.0432-0.0063i	-0.0396-0.0060i	0.0377+0.1105i	-0.0205-0.1074i	0.0048-0.0002i	0.0035-0.0008i	0.0156-0.0042i	-0.0015-0.0009i
28.1	0.0474-0.0074i	-0.0404+0.0064i	0.0550+0.1020i	-0.0423-0.1016i	0.0054-0.0010i	0.0045-0.0016i	0.0138-0.0041i	0.0012+0.0001i
28.2	0.0425-0.0031i	-0.0413+0.0053i	0.0658+0.1072i	-0.0513-0.1045i	0.0052-0.0000i	0.0043-0.0006i	0.0138-0.0030i	-0.0002-0.0002i
28.3	0.0416-0.0129i	-0.0372+0.0015i	0.0519+0.0956i	-0.0358-0.0962i	0.0053-0.0010i	0.0042-0.0004i	0.0133-0.0046i	-0.0004-0.0018i
28.4	0.0339-0.0103i	-0.0364+0.0078i	0.0489+0.0917i	-0.0353-0.0878i	0.0050-0.0015i	0.0037-0.0005i	0.0128-0.0031i	-0.0010-0.0031i
28.5	0.0347-0.0158i	-0.0306+0.0025i	0.0364+0.0810i	-0.0286-0.0793i	0.0056-0.0007i	0.0021-0.0002i	0.0140-0.0016i	-0.0019-0.0030i
28.6	0.0409-0.0069i	-0.0270+0.0024i	0.0306+0.0781i	-0.0179-0.0779i	0.0050-0.0020i	0.0026-0.0006i	0.0135-0.0023i	-0.0008-0.0017i
28.7	0.0317-0.0043i	-0.0239+0.0020i	0.0205+0.0738i	0.0007-0.0735i	0.0024-0.0030i	0.0026-0.0027i	0.0117-0.0033i	-0.0020-0.0053i
28.8	0.0307+0.0014i	-0.0250-0.0032i	0.0080+0.0858i	0.0016-0.0708i	0.0036-0.0012i	0.0033-0.0006i	0.0126-0.0028i	-0.0042-0.0030i
28.9	0.0304+0.0033i	-0.0278+0.0019i	0.0077+0.0754i	0.0008-0.0729i	0.0048-0.0016i	0.0034-0.0011i	0.0135-0.0020i	-0.0039-0.0045i
29.0	0.0291-0.0089i	-0.0232+0.0072i	-0.0115+0.0592i	0.0143-0.0609i	0.0046-0.0029i	0.0023-0.0024i	0.0124-0.0038i	-0.0049-0.0049i
29.1	0.0224-0.0047i	-0.0206+0.0028i	-0.0241+0.0625i	0.0314-0.0582i	0.0024-0.0017i	0.0010-0.0008i	0.0110-0.0028i	-0.0060-0.0043i
29.2	0.0293+0.0052i	-0.0238+0.0024i	-0.0329+0.0621i	0.0400-0.0579i	0.0026-0.0012i	0.0016-0.0010i	0.0129-0.0013i	-0.0033-0.0034i
29.3	0.0404-0.0065i	-0.0252+0.0063i	-0.0372+0.0634i	0.0521-0.0626i	0.0034-0.0020i	0.0023-0.0013i	0.0153-0.0044i	-0.0042-0.0026i
29.4	0.0318-0.0094i	-0.0231+0.0016i	-0.0578+0.0662i	0.0732-0.0600i	0.0026-0.0029i	0.0030-0.0017i	0.0144-0.0041i	-0.0074-0.0051i
29.5	0.0216-0.0118i	-0.0200-0.0018i	-0.0647+0.0622i	0.0748-0.0600i	0.0017-0.0020i	0.0012-0.0027i	0.0131-0.0048i	-0.0066-0.0056i
29.6	0.0249-0.0148i	-0.0257+0.0053i	-0.0768+0.0726i	0.0858-0.0693i	0.0023-0.0023i	0.0013-0.0036i	0.0133-0.0054i	-0.0079-0.0048i
29.7	0.0276-0.0136i	-0.0203+0.0040i	-0.0927+0.0818i	0.0995-0.0817i	0.0016-0.0011i	0.0009-0.0037i	0.0137-0.0037i	-0.0106-0.0027i
29.8	0.0294-0.0081i	-0.0280+0.0069i	-0.1185+0.0847i	0.1161-0.0837i	0.0028-0.0015i	0.0019-0.0021i	0.0153-0.0041i	-0.0120-0.0020i
29.9	0.0426+0.0010i	-0.0330+0.0018i	-0.1124+0.0809i	0.1329-0.0756i	0.0033+0.0003i	0.0020+0.0001i	0.0190+0.0002i	-0.0115+0.0021i
30.0	0.0289-0.0049i	-0.0172-0.0009i	-0.1335+0.0866i	0.1465-0.0806i	0.0017-0.0007i	0.0010-0.0010i	0.0184-0.0012i	-0.0137+0.0008i
30.1	0.0240-0.0065i	-0.0127+0.0083i	-0.1498+0.0872i	0.1619-0.0890i	0.0009-0.0014i	0.0008-0.0024i	0.0186-0.0040i	-0.0148-0.0017i
30.2	0.0195-0.0065i	-0.0136+0.0107i	-0.1636+0.0799i	0.1650-0.0955i	0.0009-0.0007i	0.0002-0.0012i	0.0193-0.0046i	-0.0132+0.0001i
30.3	0.0235-0.0031i	-0.0114-0.0078i	-0.1821+0.0818i	0.1869-0.0857i	0.0018-0.0012i	0.0017-0.0016i	0.0221-0.0046i	-0.0124+0.0001i
30.4	0.0282-0.0107i	-0.0160-0.0031i	-0.1908+0.0868i	0.2115-0.0927i	0.0016-0.0021i	0.0012-0.0029i	0.0225-0.0062i	-0.0189-0.0009i
30.5	0.0155-0.0152i	-0.0061-0.0059i	-0.2098+0.0984i	0.2131-0.1014i	-0.0016-0.0019i	-0.0003-0.0036i	0.0223-0.0077i	-0.0258+0.0012i
30.6	0.0223-0.0200i	-0.0078+0.0029i	-0.2226+0.1119i	0.2322-0.1058i	-0.0003-0.0015i	-0.0002-0.0040i	0.0238-0.0088i	-0.0239+0.0027i
30.7	0.0284-0.0228i	-0.0071+0.0034i	-0.2492+0.1401i	0.2556-0.1280i	0.0014-0.0026i	0.0019-0.0037i	0.0284-0.0130i	-0.0235+0.0063i
30.8	0.0269-0.0237i	-0.0049-0.0016i	-0.2554+0.1481i	0.2671-0.1309i	0.0011-0.0037i	0.0021-0.0044i	0.0285-0.0172i	-0.0248+0.0067i

30.9	0.0153-0.0209i	-0.0084-0.0058i	-0.2652+0.1433i	0.2806-0.1362i	0.0005-0.0031i	0.0011-0.0041i	0.0292-0.0186i	-0.0268+0.0083i
31.0	0.0118-0.0282i	0.0041-0.0018i	-0.2968+0.1684i	0.2985-0.1707i	0.0008-0.0042i	-0.0005-0.0061i	0.0300-0.0252i	-0.0253+0.0092i
31.1	0.0182-0.0330i	0.0069+0.0143i	-0.3069+0.1903i	0.3134-0.1922i	-0.0001-0.0045i	-0.0013-0.0070i	0.0308-0.0299i	-0.0293+0.0096i
31.2	0.0145-0.0375i	0.0011+0.0144i	-0.3265+0.2104i	0.3398-0.2126i	-0.0017-0.0039i	-0.0023-0.0070i	0.0310-0.0339i	-0.0324+0.0151i
31.3	0.0103-0.0431i	0.0075+0.0139i	-0.3131+0.2403i	0.3233-0.2378i	-0.0021-0.0071i	-0.0043-0.0094i	0.0265-0.0412i	-0.0335+0.0153i
31.4	0.0037-0.0538i	0.0085+0.0063i	-0.3202+0.2626i	0.3336-0.2630i	-0.0037-0.0057i	-0.0045-0.0087i	0.0262-0.0457i	-0.0369+0.0196i
31.5	0.0080-0.0598i	0.0114+0.0069i	-0.3221+0.2973i	0.3370-0.2938i	-0.0045-0.0050i	-0.0062-0.0085i	0.0249-0.0542i	-0.0357+0.0296i
31.6	-0.0088-0.0553i	0.0241+0.0102i	-0.3205+0.3396i	0.3398-0.3396i	-0.0068-0.0056i	-0.0075-0.0090i	0.0146-0.0613i	-0.0298+0.0358i
31.7	-0.0256-0.0558i	0.0285-0.0003i	-0.3000+0.3552i	0.3132-0.3626i	-0.0093-0.0034i	-0.0088-0.0071i	0.0006-0.0646i	-0.0230+0.0443i
31.8	-0.0311-0.0483i	0.0164+0.0062i	-0.2945+0.3659i	0.2916-0.3726i	-0.0095-0.0020i	-0.0094-0.0058i	-0.0099-0.0648i	-0.0168+0.0490i
31.9	-0.0437-0.0515i	0.0207+0.0053i	-0.2860+0.3682i	0.2714-0.3813i	-0.0093-0.0010i	-0.0104-0.0060i	-0.0147-0.0646i	-0.0105+0.0462i
32.0	-0.0488-0.0447i	0.0266-0.0040i	-0.2773+0.3960i	0.2608-0.3924i	-0.0088-0.0005i	-0.0100-0.0061i	-0.0207-0.0605i	-0.0012+0.0439i
32.1	-0.0453-0.0436i	0.0219-0.0075i	-0.2844+0.3969i	0.2711-0.4019i	-0.0080+0.0001i	-0.0096-0.0045i	-0.0240-0.0574i	0.0020+0.0434i
32.2	-0.0457-0.0455i	0.0270-0.0095i	-0.2806+0.4234i	0.2643-0.4287i	-0.0069-0.0016i	-0.0097-0.0065i	-0.0309-0.0558i	0.0069+0.0393i
32.3	-0.0553-0.0233i	0.0320-0.0075i	-0.2652+0.4475i	0.2518-0.4481i	-0.0083-0.0022i	-0.0118-0.0075i	-0.0358-0.0555i	0.0081+0.0359i
32.4	-0.0598-0.0224i	0.0288-0.0089i	-0.2155+0.4715i	0.2110-0.4671i	-0.0094-0.0026i	-0.0135-0.0047i	-0.0469-0.0524i	0.0166+0.0297i
32.5	-0.0607-0.0197i	0.0343-0.0177i	-0.1737+0.4803i	0.1786-0.4653i	-0.0109-0.0002i	-0.0149-0.0029i	-0.0529-0.0423i	0.0194+0.0269i
32.6	-0.0585-0.0037i	0.0425-0.0342i	-0.1507+0.4677i	0.1580-0.4498i	-0.0111+0.0032i	-0.0164-0.0016i	-0.0576-0.0344i	0.0172+0.0283i
32.7	-0.0473+0.0065i	0.0345-0.0415i	-0.1343+0.4598i	0.1433-0.4430i	-0.0091+0.0036i	-0.0143-0.0015i	-0.0559-0.0277i	0.0193+0.0239i
32.8	-0.0367+0.0062i	0.0273-0.0182i	-0.0994+0.4603i	0.1263-0.4295i	-0.0121+0.0024i	-0.0168-0.0013i	-0.0536-0.0205i	0.0152+0.0131i
32.9	-0.0210+0.0000i	0.0345-0.0347i	-0.0787+0.4553i	0.1270-0.4215i	-0.0095+0.0028i	-0.0139+0.0002i	-0.0523-0.0185i	0.0179+0.0153i
33.0	-0.0312-0.0143i	0.0454-0.0434i	-0.0402+0.4159i	0.1059-0.4090i	-0.0089+0.0007i	-0.0139-0.0020i	-0.0545-0.0124i	0.0188+0.0033i
33.1	-0.0341-0.0130i	0.0372-0.0418i	-0.0475+0.3846i	0.0901-0.4008i	-0.0101-0.0021i	-0.0157-0.0061i	-0.0583-0.0124i	0.0182-0.0062i
33.2	-0.0326-0.0250i	0.0331-0.0390i	-0.0618+0.3544i	0.1065-0.3880i	-0.0121-0.0028i	-0.0176-0.0067i	-0.0596-0.0148i	0.0135-0.0045i
33.3	-0.0322-0.0224i	0.0147-0.0504i	-0.0840+0.3511i	0.1190-0.3862i	-0.0116-0.0009i	-0.0167-0.0035i	-0.0546-0.0108i	0.0115-0.0035i
33.4	-0.0356-0.0260i	0.0061-0.0526i	-0.0952+0.3608i	0.1048-0.3875i	-0.0129-0.0024i	-0.0184-0.0046i	-0.0557-0.0072i	0.0061-0.0081i
33.5	-0.0444-0.0401i	0.0247-0.0499i	-0.0853+0.3312i	0.1037-0.3797i	-0.0176-0.0009i	-0.0223-0.0039i	-0.0611-0.0037i	-0.0014-0.0116i
33.6	-0.0592-0.0384i	0.0295-0.0676i	-0.1038+0.3003i	0.1274-0.3796i	-0.0205+0.0019i	-0.0263-0.0000i	-0.0628+0.0016i	-0.0063-0.0074i
33.7	-0.0801-0.0415i	0.0516-0.0659i	-0.1203+0.3026i	0.1456-0.3898i	-0.0244+0.0014i	-0.0309+0.0019i	-0.0712+0.0085i	-0.0117-0.0084i
33.8	-0.0937-0.0438i	0.0545-0.0691i	-0.1413+0.3035i	0.1462-0.3949i	-0.0294+0.0020i	-0.0341+0.0029i	-0.0767+0.0130i	-0.0196-0.0095i
33.9	-0.1151-0.0341i	0.0476-0.0773i	-0.1535+0.3166i	0.1317-0.4245i	-0.0320+0.0061i	-0.0372+0.0077i	-0.0785+0.0219i	-0.0255-0.0081i
34.0	-0.1522-0.0183i	0.0402-0.0910i	-0.1607+0.3290i	0.0966-0.4360i	-0.0341+0.0125i	-0.0389+0.0141i	-0.0735+0.0351i	-0.0361+0.0014i
34.1	-0.1667-0.0041i	0.0371-0.0881i	-0.1602+0.3411i	0.0797-0.4274i	-0.0358+0.0146i	-0.0395+0.0153i	-0.0705+0.0383i	-0.0429+0.0047i
34.2	-0.1554+0.0268i	0.0138-0.0935i	-0.1660+0.3421i	0.0596-0.3990i	-0.0330+0.0199i	-0.0365+0.0199i	-0.0615+0.0439i	-0.0379+0.0122i
34.3	-0.1411+0.0627i	-0.0024-0.0875i	-0.1627+0.3489i	0.0590-0.3663i	-0.0311+0.0233i	-0.0333+0.0239i	-0.0582+0.0472i	-0.0375+0.0217i
34.4	-0.1347+0.0773i	-0.0112-0.0889i	-0.1764+0.3488i	0.0697-0.3535i	-0.0297+0.0262i	-0.0331+0.0260i	-0.0556+0.0500i	-0.0384+0.0256i
34.5	-0.1275+0.0828i	-0.0081-0.0846i	-0.1751+0.3550i	0.0841-0.3541i	-0.0280+0.0281i	-0.0305+0.0286i	-0.0503+0.0530i	-0.0339+0.0278i
34.6	-0.1195+0.1050i	-0.0099-0.0902i	-0.2012+0.3546i	0.0981-0.3516i	-0.0270+0.0327i	-0.0286+0.0307i	-0.0448+0.0583i	-0.0353+0.0344i
34.7	-0.1098+0.1157i	-0.0222-0.0882i	-0.2324+0.3707i	0.1208-0.3489i	-0.0238+0.0391i	-0.0267+0.0360i	-0.0448+0.0651i	-0.0315+0.0444i
34.8	-0.0907+0.1145i	-0.0230-0.0917i	-0.2348+0.3875i	0.1439-0.3479i	-0.0204+0.0395i	-0.0222+0.0383i	-0.0388+0.0666i	-0.0253+0.0487i
34.9	-0.0791+0.1245i	-0.0234-0.0914i	-0.2204+0.4121i	0.1388-0.3602i	-0.0181+0.0418i	-0.0198+0.0407i	-0.0312+0.0683i	-0.0253+0.0548i
35.0	-0.0663+0.1302i	-0.0270-0.0920i	-0.2347+0.4309i	0.1439-0.3872i	-0.0149+0.0441i	-0.0176+0.0418i	-0.0279+0.0720i	-0.0213+0.0584i
35.1	-0.0488+0.1503i	-0.0286-0.0984i	-0.2175+0.4624i	0.1452-0.4081i	-0.0099+0.0497i	-0.0111+0.0483i	-0.0151+0.0801i	-0.0130+0.0619i
35.2	-0.0283+0.1377i	-0.0381-0.0911i	-0.1991+0.4956i	0.1287-0.4384i	-0.0016+0.0472i	-0.0032+0.0448i	-0.0053+0.0774i	0.0024+0.0580i
35.3	-0.0169+0.1281i	-0.0436-0.0920i	-0.1766+0.5201i	0.1054-0.4339i	0.0059+0.0447i	0.0019+0.0418i	0.0043+0.0719i	0.0105+0.0567i
35.4	-0.0118+0.1213i	-0.0492-0.0728i	-0.1419+0.5135i	0.0846-0.4258i	0.0070+0.0429i	0.0044+0.0402i	0.0060+0.0648i	0.0168+0.0556i
35.5	-0.0074+0.1195i	-0.0604-0.0743i	-0.1247+0.5103i	0.0668-0.4265i	0.0107+0.0399i	0.0083+0.0392i	0.0111+0.0605i	0.0247+0.0532i
35.6	-0.0070+0.1245i	-0.0570-0.0759i	-0.0944+0.4939i	0.0476-0.4213i	0.0108+0.0394i	0.0077+0.0386i	0.0105+0.0580i	0.0216+0.0510i
35.7	0.0100+0.1172i	-0.0667-0.0690i	-0.0816+0.4805i	0.0345-0.4034i	0.0151+0.0335i	0.0118+0.0311i	0.0176+0.0495i	0.0226+0.0390i
35.8	0.0022+0.1036i	-0.0537-0.0598i	-0.0769+0.4629i	0.0282-0.3743i	0.0143+0.0282i	0.0118+0.0261i	0.0135+0.0434i	0.0259+0.0320i
35.9	0.0161+0.1129i	-0.0546-0.0548i	-0.0667+0.4539i	0.0400-0.3595i	0.0139+0.0314i	0.0099+0.0290i	0.0133+0.0499i	0.0260+0.0358i
36.0	0.0257+0.1124i	-0.0543-0.0578i	-0.0643+0.4482i	0.0450-0.3534i	0.0138+0.0301i	0.0110+0.0294i	0.0121+0.0531i	0.0272+0.0294i
36.1	0.0037+0.1002i	-0.0476-0.0511i	-0.0632+0.4334i	0.0673-0.3383i	0.0119+0.0277i	0.0063+0.0281i	0.0042+0.0531i	0.0177+0.0234i
36.2	0.0200+0.1191i	-0.0495-0.0632i	-0.0837+0.4117i	0.0940-0.3284i	0.0119+0.0323i	0.0077+0.0287i	0.0050+0.0566i	0.0280+0.0286i
36.3	0.0279+0.1052i	-0.0426-0.0570i	-0.1049+0.4087i	0.1110-0.3306i	0.0123+0.0320i	0.0087+0.0272i	0.0087+0.0536i	0.0284+0.0271i
36.4	0.0380+0.1070i	-0.0348-0.0524i	-0.1076+0.4203i	0.1203-0.3309i	0.0110+0.0325i	0.0068+0.0292i	0.0078+0.0580i	0.0199+0.0299i
36.5	0.0491+0.1049i	-0.0404-0.0538i	-0.1180+0.4251i	0.1337-0.3447i	0.0120+0.0305i	0.0068+0.0269i	0.0115+0.0588i	0.0178+0.0255i
36.6	0.0555+0.0916i	-0.0511-0.0507i	-0.1221+0.4522i	0.1511-0.3706i	0.0164+0.0284i	0.0114+0.0240i	0.0206+0.0569i	0.0225+0.0202i
36.7	0.0686+0.0706i	-0.0580-0.0409i	-0.1019+0.4737i	0.1517-0.4012i	0.0238+0.0266i	0.0177+0.0212i	0.0328+0.0491i	0.0315+0.0185i
36.8	0.0697+0.0493i	-0.0616-0.0238i	-0.0861+0.4869i	0.1384-0.4279i	0.0242+0.0252i	0.0181+0.0192i	0.0331+0.0423i	0.0311+0.0175i
36.9	0.0442+0.0283i	-0.0547-0.0250i	-0.0557+0.4801i	0.1078-0.4488i	0.0184+0.0184i	0.0117+0.0154i	0.0284+0.0369i	0.0213+0.0043i
37.0	0.0434+0.0040i	-0.0524-0.0091i	-0.0402+0.4833i	0.1047-0.4500i	0.0178+0.0153i	0.0104+0.0127i	0.0276+0.0349i	0.0187-0.0045i
37.1	0.0259-0.0111i	-0.0397-0.0055i	-0.0160+0.4763i	0.0857-0.4434i	0.0198+0.0141i	0.0118+0.0100i	0.0254+0.0303i	0.0201-0.0040i

37.2	0.0238+0.0035i	-0.0337-0.0314i	-0.0074+0.4533i	0.0629-0.4401i	0.0216+0.0157i	0.0138+0.0138i	0.0284+0.0321i	0.0231+0.0013i
37.3	0.0129+0.0151i	-0.0345-0.0296i	-0.0188+0.4406i	0.0471-0.4358i	0.0177+0.0146i	0.0118+0.0135i	0.0260+0.0357i	0.0168-0.0017i
37.4	-0.0097+0.0449i	-0.0221-0.0460i	-0.0085+0.4209i	0.0345-0.4150i	0.0140+0.0135i	0.0083+0.0124i	0.0231+0.0398i	0.0080-0.0071i
37.5	-0.0252+0.0459i	-0.0309-0.0289i	-0.0119+0.4092i	0.0211-0.4086i	0.0107+0.0095i	0.0039+0.0099i	0.0171+0.0433i	0.0002-0.0205i
37.6	-0.0157+0.0332i	-0.0455-0.0131i	-0.0135+0.4273i	0.0431-0.3928i	0.0110+0.0112i	0.0040+0.0102i	0.0335+0.0430i	-0.0120-0.0170i
37.7	0.0024+0.0272i	-0.0469-0.0226i	-0.0147+0.4078i	0.0466-0.3770i	0.0130+0.0098i	0.0061+0.0078i	0.0364+0.0406i	-0.0076-0.0175i
37.8	0.0022+0.0446i	-0.0538-0.0285i	-0.0284+0.3953i	0.0355-0.3720i	0.0120+0.0106i	0.0037+0.0098i	0.0338+0.0413i	-0.0124-0.0178i
37.9	0.0033+0.0488i	-0.0399-0.0268i	-0.0273+0.4089i	0.0508-0.3736i	0.0069+0.0102i	-0.0020+0.0094i	0.0314+0.0419i	-0.0267-0.0179i
38.0	0.0064+0.0464i	-0.0317-0.0275i	-0.0296+0.4092i	0.0613-0.3820i	0.0095+0.0112i	0.0005+0.0119i	0.0449+0.0389i	-0.0326-0.0090i
38.1	-0.0021+0.0457i	-0.0190-0.0280i	-0.0324+0.3982i	0.0668-0.3878i	0.0108+0.0149i	0.0019+0.0168i	0.0436+0.0448i	-0.0296-0.0087i
38.2	-0.0178+0.0635i	-0.0148-0.0474i	-0.0309+0.3978i	0.0517-0.3916i	0.0033+0.0218i	-0.0033+0.0237i	0.0395+0.0480i	-0.0468+0.0097i
38.3	-0.0202+0.0735i	-0.0320-0.0506i	-0.0297+0.4093i	0.0385-0.3800i	0.0040+0.0274i	-0.0027+0.0286i	0.0490+0.0430i	-0.0484+0.0330i
38.4	-0.0001+0.0862i	-0.0435-0.0647i	-0.0377+0.4146i	0.0316-0.3765i	0.0096+0.0306i	0.0031+0.0297i	0.0576+0.0421i	-0.0424+0.0457i
38.5	0.0094+0.1045i	-0.0299-0.0690i	-0.0135+0.4023i	0.0234-0.3757i	0.0061+0.0362i	0.0004+0.0345i	0.0507+0.0470i	-0.0468+0.0569i
38.6	0.0214+0.0895i	-0.0275-0.0602i	0.0089+0.4097i	0.0182-0.3764i	0.0127+0.0329i	0.0064+0.0345i	0.0516+0.0333i	-0.0266+0.0669i
38.7	0.0166+0.0816i	-0.0206-0.0535i	0.0191+0.3966i	0.0148-0.3793i	0.0150+0.0326i	0.0086+0.0338i	0.0527+0.0211i	-0.0193+0.0788i
38.8	0.0286+0.0772i	-0.0516-0.0628i	0.0211+0.3918i	0.0039-0.3753i	0.0216+0.0350i	0.0141+0.0354i	0.0603+0.0231i	-0.0114+0.0798i
38.9	0.0456+0.0700i	-0.0576-0.0746i	0.0327+0.3770i	0.0202-0.3688i	0.0283+0.0400i	0.0202+0.0392i	0.0659+0.0278i	0.0045+0.0833i
39.0	0.0425+0.0580i	-0.0595-0.0504i	0.0468+0.3874i	0.0090-0.3727i	0.0328+0.0330i	0.0240+0.0309i	0.0615+0.0196i	0.0202+0.0748i
39.1	0.0535+0.0668i	-0.0653-0.0434i	0.0486+0.3670i	-0.0099-0.3604i	0.0346+0.0300i	0.0274+0.0297i	0.0641+0.0158i	0.0281+0.0724i
39.2	0.0582+0.0611i	-0.0659-0.0518i	0.0338+0.3131i	0.0018-0.3336i	0.0405+0.0292i	0.0321+0.0306i	0.0675+0.0190i	0.0449+0.0677i
39.3	0.0498+0.0453i	-0.0581-0.0241i	0.0432+0.3287i	0.0059-0.3238i	0.0368+0.0210i	0.0285+0.0226i	0.0601+0.0051i	0.0405+0.0561i
39.4	0.0440+0.0374i	-0.0586-0.0234i	0.0419+0.3280i	0.0071-0.3192i	0.0346+0.0170i	0.0276+0.0185i	0.0542-0.0001i	0.0405+0.0454i
39.5	0.0466+0.0419i	-0.0706-0.0336i	0.0217+0.3060i	0.0049-0.3045i	0.0404+0.0132i	0.0330+0.0148i	0.0559+0.0013i	0.0503+0.0362i
39.6	0.0527+0.0391i	-0.0621-0.0385i	0.0203+0.2916i	0.0159-0.3084i	0.0434+0.0139i	0.0337+0.0156i	0.0614+0.0034i	0.0488+0.0360i
39.7	0.0500+0.0250i	-0.0739-0.0188i	0.0022+0.2945i	0.0188-0.2924i	0.0390+0.0119i	0.0315+0.0111i	0.0679+0.0026i	0.0361+0.0297i
39.8	0.0557+0.0269i	-0.0724-0.0179i	0.0039+0.3078i	0.0265-0.3020i	0.0376+0.0077i	0.0326+0.0083i	0.0678-0.0117i	0.0366+0.0331i
39.9	0.0580+0.0320i	-0.0433-0.0300i	0.0231+0.2942i	0.0213-0.2959i	0.0375+0.0076i	0.0311+0.0096i	0.0559-0.0162i	0.0452+0.0349i
40.0	0.0522+0.0219i	-0.0393-0.0145i	-0.0050+0.2849i	0.0215-0.2816i	0.0374-0.0021i	0.0286+0.0020i	0.0501-0.0284i	0.0461+0.0214i
40.1	0.0454+0.0250i	-0.0658-0.0113i	-0.0287+0.2785i	0.0285-0.2716i	0.0436-0.0047i	0.0358-0.0009i	0.0618-0.0349i	0.0517+0.0153i
40.2	0.0429+0.0250i	-0.0601+0.0076i	-0.0308+0.2963i	0.0544-0.2594i	0.0391-0.0078i	0.0299-0.0049i	0.0562-0.0382i	0.0425+0.0131i
40.3	0.0346+0.0183i	-0.0631+0.0015i	-0.0401+0.2988i	0.0467-0.2686i	0.0392-0.0143i	0.0321-0.0103i	0.0561-0.0475i	0.0465+0.0037i
40.4	0.0287+0.0162i	-0.0487+0.0035i	-0.0508+0.2954i	0.0512-0.2657i	0.0359-0.0149i	0.0296-0.0128i	0.0451-0.0444i	0.0514-0.0032i
40.5	0.0347+0.0333i	-0.0270-0.0081i	-0.0516+0.2818i	0.0745-0.2528i	0.0307-0.0073i	0.0244-0.0044i	0.0348-0.0278i	0.0474+0.0073i
40.6	0.0346+0.0311i	-0.0343-0.0155i	-0.0685+0.2798i	0.0707-0.2653i	0.0310-0.0127i	0.0256-0.0088i	0.0375-0.0355i	0.0460+0.0004i
40.7	0.0272+0.0048i	-0.0328-0.0016i	-0.0603+0.2872i	0.0743-0.2596i	0.0212-0.0175i	0.0180-0.0165i	0.0223-0.0473i	0.0394-0.0090i
40.8	0.0232+0.0110i	-0.0198-0.0175i	-0.0444+0.2847i	0.0910-0.2752i	0.0224-0.0127i	0.0175-0.0087i	0.0232-0.0335i	0.0356-0.0025i
40.9	0.0299+0.0331i	-0.0232-0.0126i	-0.0497+0.2958i	0.0931-0.2855i	0.0190-0.0194i	0.0111-0.0162i	0.0076-0.0443i	0.0355-0.0137i
41.0	0.0260+0.0232i	-0.0139+0.0082i	-0.0508+0.3087i	0.1003-0.2706i	0.0143-0.0195i	0.0060-0.0169i	-0.0006-0.0441i	0.0283-0.0197i
41.1	0.0299+0.0183i	-0.0089-0.0061i	-0.0557+0.2790i	0.0996-0.2684i	0.0077-0.0163i	0.0007-0.0127i	-0.0050-0.0284i	0.0111-0.0198i
41.2	0.0263+0.0203i	-0.0035+0.0011i	-0.0544+0.2938i	0.1055-0.2773i	0.0054-0.0191i	-0.0026-0.0161i	-0.0161-0.0319i	0.0120-0.0211i
41.3	0.0223+0.0208i	-0.0127-0.0156i	-0.0639+0.2874i	0.1114-0.2715i	0.0108-0.0126i	0.0034-0.0084i	-0.0063-0.0244i	0.0198-0.0143i
41.4	0.0246+0.0178i	-0.0178-0.0171i	-0.0538+0.2897i	0.0959-0.2777i	0.0062-0.0112i	0.0007-0.0088i	-0.0061-0.0207i	0.0111-0.0212i
41.5	0.0238+0.0238i	-0.0241-0.0149i	-0.0554+0.2812i	0.0948-0.2617i	0.0086-0.0138i	0.0033-0.0122i	-0.0021-0.0222i	0.0116-0.0275i
41.6	0.0119+0.0227i	-0.0063-0.0173i	-0.0412+0.2869i	0.1007-0.2652i	0.0043-0.0101i	-0.0034-0.0083i	-0.0116-0.0167i	0.0038-0.0214i
41.7	0.0101+0.0206i	-0.0191-0.0304i	-0.0537+0.2835i	0.1139-0.2786i	-0.0010-0.0073i	-0.0077-0.0057i	-0.0154-0.0102i	-0.0091-0.0155i
41.8	0.0178+0.0283i	-0.0164-0.0318i	-0.0603+0.2615i	0.1267-0.2820i	-0.0039-0.0078i	-0.0071-0.0047i	-0.0166-0.0084i	-0.0124-0.0173i
41.9	0.0312+0.0249i	-0.0213-0.0375i	-0.0526+0.2534i	0.1190-0.2897i	-0.0016-0.0053i	-0.0065-0.0022i	-0.0128-0.0023i	-0.0099-0.0110i
42.0	0.0255+0.0361i	-0.0190-0.0511i	-0.0538+0.2497i	0.1185-0.2872i	-0.0022-0.0033i	-0.0072+0.0005i	-0.0084+0.0045i	-0.0157-0.0090i
42.1	0.0124+0.0402i	-0.0066-0.0458i	-0.0486+0.2527i	0.1087-0.2926i	0.0010-0.0018i	-0.0063+0.0039i	-0.0042+0.0076i	-0.0147-0.0061i
42.2	0.0128+0.0341i	-0.0089-0.0447i	-0.0537+0.2638i	0.1302-0.2868i	0.0004-0.0038i	-0.0098+0.0023i	-0.0060-0.0021i	-0.0113-0.0048i
42.3	0.0150+0.0267i	-0.0335-0.0422i	-0.0754+0.2406i	0.1202-0.2942i	0.0023+0.0062i	-0.0037+0.0116i	0.0068+0.0095i	-0.0086+0.0123i
42.4	0.0273+0.0323i	-0.0441-0.0423i	-0.0808+0.2256i	0.1196-0.3054i	-0.0004+0.0072i	-0.0050+0.0122i	0.0022+0.0128i	-0.0122+0.0122i
42.5	0.0242+0.0413i	-0.0426-0.0627i	-0.0909+0.2341i	0.1352-0.3055i	0.0010+0.0066i	-0.0056+0.0127i	0.0051+0.0109i	-0.0143+0.0143i
42.6	0.0315+0.0319i	-0.0581-0.0791i	-0.0849+0.2545i	0.1230-0.3236i	0.0070+0.0119i	0.0018+0.0185i	0.0123+0.0161i	-0.0015+0.0265i
42.7	0.0359+0.0243i	-0.0560-0.0680i	-0.0737+0.2335i	0.1088-0.3032i	0.0086+0.0104i	0.0027+0.0174i	0.0118+0.0214i	-0.0012+0.0229i
42.8	0.0316+0.0170i	-0.0490-0.0571i	-0.0817+0.2099i	0.1302-0.2777i	0.0041+0.0077i	-0.0016+0.0139i	0.0104+0.0168i	-0.0128+0.0151i
42.9	0.0273+0.0039i	-0.0389-0.0549i	-0.1216+0.2087i	0.1453-0.2835i	0.0011+0.0102i	-0.0039+0.0179i	0.0099+0.0146i	-0.0157+0.0240i
43.0	0.0377+0.0225i	-0.0657-0.0473i	-0.1372+0.2116i	0.1447-0.2982i	0.0064+0.0118i	0.0044+0.0192i	0.0200+0.0168i	-0.0040+0.0309i
43.1	0.0273+0.0360i	-0.0796-0.0487i	-0.1506+0.2123i	0.1475-0.2921i	0.0135+0.0113i	0.0118+0.0186i	0.0269+0.0133i	0.0113+0.0310i
43.2	0.0322+0.0383i	-0.0827-0.0556i	-0.1476+0.2270i	0.1275-0.2979i	0.0186+0.0089i	0.0163+0.0157i	0.0292+0.0060i	0.0238+0.0330i
43.3	0.0448+0.0198i	-0.0862-0.0330i	-0.1390+0.2226i	0.1191-0.2681i	0.0204+0.0028i	0.0177+0.0082i	0.0250-0.0014i	0.0316+0.0157i
43.4	0.0429+0.0193i	-0.0719-0.0356i	-0.1625+0.1942i	0.1349-0.2408i	0.0181+0.0031i	0.0162+0.0084i	0.0270+0.0059i	0.0214+0.0042i

43.5	0.0245+0.0270i	-0.0681-0.0259i	-0.1949+0.2123i	0.1837-0.2540i	0.0131+0.0029i	0.0090+0.0091i	0.0257+0.0075i	0.0041+0.0063i
43.6	0.0310+0.0293i	-0.0545-0.0340i	-0.1986+0.2404i	0.1829-0.2775i	0.0121+0.0046i	0.0075+0.0107i	0.0209+0.0049i	0.0044+0.0160i
43.7	0.0339+0.0232i	-0.0584-0.0399i	-0.1892+0.2650i	0.1636-0.3091i	0.0114+0.0028i	0.0067+0.0089i	0.0157-0.0036i	0.0073+0.0217i
43.8	0.0512+0.0059i	-0.0801-0.0297i	-0.1559+0.2522i	0.1355-0.2962i	0.0171-0.0017i	0.0113+0.0027i	0.0178-0.0100i	0.0167+0.0099i
43.9	0.0386-0.0051i	-0.0792-0.0341i	-0.2028+0.2145i	0.1890-0.2609i	0.0141-0.0022i	0.0103+0.0003i	0.0230-0.0005i	0.0062-0.0057i
44.0	0.0435-0.0028i	-0.0621-0.0267i	-0.2388+0.2270i	0.2197-0.2893i	0.0116+0.0008i	0.0085+0.0051i	0.0241+0.0034i	0.0024+0.0055i
44.1	0.0380+0.0099i	-0.0551-0.0233i	-0.2514+0.2590i	0.2374-0.3191i	0.0106+0.0038i	0.0076+0.0083i	0.0246+0.0043i	-0.0010+0.0171i
44.2	0.0277+0.0226i	-0.0532-0.0244i	-0.2607+0.3137i	0.2385-0.3567i	0.0168+0.0055i	0.0109+0.0086i	0.0333+0.0007i	0.0024+0.0189i
44.3	0.0373-0.0056i	-0.0630-0.0153i	-0.2637+0.3594i	0.2234-0.3920i	0.0145+0.0010i	0.0049+0.0033i	0.0185-0.0164i	0.0003+0.0225i
44.4	0.0386-0.0146i	-0.0808-0.0234i	-0.2115+0.3803i	0.1716-0.4311i	0.0113+0.0051i	0.0057+0.0093i	0.0086-0.0069i	0.0132+0.0287i
44.5	0.0329-0.0115i	-0.0879-0.0144i	-0.1113+0.3183i	0.0677-0.3737i	0.0166+0.0050i	0.0111+0.0092i	0.0068+0.0070i	0.0317+0.0184i
44.6	0.0313-0.0067i	-0.0847+0.0094i	-0.1293+0.2735i	0.0925-0.3280i	0.0128+0.0014i	0.0082+0.0048i	0.0070+0.0089i	0.0221+0.0052i
44.7	0.0322+0.0115i	-0.0872+0.0113i	-0.1649+0.2997i	0.1165-0.3293i	0.0165-0.0027i	0.0131+0.0015i	0.0182+0.0030i	0.0280+0.0011i
44.8	0.0271+0.0048i	-0.0831-0.0031i	-0.1589+0.2665i	0.1172-0.3046i	0.0158-0.0007i	0.0110+0.0025i	0.0215+0.0093i	0.0173-0.0011i
44.9	0.0263-0.0324i	-0.0690+0.0120i	-0.1821+0.2518i	0.1250-0.2731i	0.0142-0.0037i	0.0074-0.0012i	0.0202+0.0029i	0.0124-0.0075i
45.0	0.0177-0.0277i	-0.0507-0.0021i	-0.2054+0.2059i	0.1608-0.2287i	0.0122+0.0010i	0.0047+0.0029i	0.0239+0.0152i	0.0042-0.0056i
45.1	-0.0026-0.0016i	-0.0500+0.0033i	-0.2839+0.2174i	0.2246-0.2657i	0.0133+0.0062i	0.0074+0.0107i	0.0375+0.0197i	-0.0024+0.0101i
45.2	0.0002-0.0003i	-0.0753+0.0215i	-0.2639+0.2845i	0.2051-0.3194i	0.0178+0.0004i	0.0122+0.0061i	0.0370-0.0058i	0.0059+0.0149i
45.3	-0.0044+0.0091i	-0.0458+0.0015i	-0.2448+0.2765i	0.2093-0.3127i	0.0140-0.0003i	0.0076+0.0065i	0.0222-0.0062i	0.0114+0.0146i
45.4	0.0011+0.0217i	-0.0560-0.0110i	-0.2656+0.2886i	0.2423-0.3378i	0.0160+0.0026i	0.0104+0.0087i	0.0267+0.0051i	0.0108+0.0148i
45.5	-0.0044-0.0250i	-0.0921-0.0353i	-0.2693+0.3049i	0.2268-0.3460i	0.0212+0.0013i	0.0143+0.0089i	0.0363+0.0042i	0.0153+0.0106i
45.6	0.0003-0.0522i	-0.0628-0.0200i	-0.2810+0.2813i	0.2406-0.3286i	0.0203+0.0014i	0.0104+0.0094i	0.0350+0.0076i	0.0080+0.0058i
45.7	0.0001-0.0051i	-0.0604-0.0145i	-0.3340+0.3182i	0.2967-0.3599i	0.0203+0.0061i	0.0118+0.0107i	0.0416+0.0076i	0.0073+0.0194i
45.8	-0.0162+0.0007i	-0.0955+0.0060i	-0.2997+0.4112i	0.2431-0.4585i	0.0235+0.0020i	0.0152+0.0099i	0.0451-0.0025i	0.0167+0.0257i
45.9	-0.0367-0.0071i	-0.1174-0.0034i	-0.2156+0.3684i	0.1833-0.4484i	0.0278-0.0015i	0.0206+0.0102i	0.0505-0.0045i	0.0313+0.0272i
46.0	-0.0449-0.0114i	-0.0932+0.0035i	-0.2489+0.3160i	0.2095-0.3951i	0.0252-0.0021i	0.0169+0.0074i	0.0505-0.0058i	0.0238+0.0241i
46.1	-0.0189-0.0022i	-0.0830-0.0074i	-0.2864+0.3288i	0.2125-0.4067i	0.0295-0.0019i	0.0213+0.0066i	0.0498-0.0086i	0.0340+0.0202i
46.2	-0.0182+0.0255i	-0.0994+0.0174i	-0.2831+0.3820i	0.1981-0.4295i	0.0349-0.0088i	0.0282+0.0011i	0.0529-0.0138i	0.0407+0.0034i
46.3	-0.0226+0.0139i	-0.1094+0.0456i	-0.2598+0.4058i	0.1756-0.4371i	0.0303-0.0127i	0.0242-0.0018i	0.0533-0.0214i	0.0312-0.0051i
46.4	-0.0446+0.0220i	-0.1087+0.0696i	-0.2433+0.4705i	0.1413-0.4855i	0.0303-0.0168i	0.0243-0.0047i	0.0523-0.0430i	0.0297+0.0003i
46.5	-0.0253+0.0182i	-0.0440+0.0553i	-0.1525+0.4192i	0.0814-0.4403i	0.0266-0.0254i	0.0196-0.0093i	0.0385-0.0548i	0.0283-0.0002i
46.6	-0.0278+0.0229i	-0.0347+0.0361i	-0.1588+0.3581i	0.0892-0.3785i	0.0222-0.0243i	0.0151-0.0065i	0.0250-0.0479i	0.0291+0.0022i
46.7	-0.0188+0.0410i	-0.0554+0.0433i	-0.1547+0.3385i	0.1137-0.3223i	0.0178-0.0232i	0.0129-0.0066i	0.0089-0.0416i	0.0386-0.0058i
46.8	0.0026+0.0581i	-0.0565+0.0374i	-0.1911+0.3343i	0.1526-0.3038i	0.0176-0.0198i	0.0140-0.0039i	0.0101-0.0290i	0.0379-0.0095i
46.9	0.0228+0.0643i	-0.0733+0.0399i	-0.2518+0.3351i	0.1793-0.3343i	0.0195-0.0214i	0.0181-0.0035i	0.0224-0.0227i	0.0396-0.0194i
47.0	-0.0041+0.0393i	-0.0970+0.0496i	-0.2625+0.3828i	0.1691-0.3866i	0.0196-0.0265i	0.0207-0.0083i	0.0356-0.0346i	0.0274-0.0248i
47.1	-0.0260+0.0433i	-0.0771+0.0607i	-0.2044+0.3753i	0.1089-0.3868i	0.0206-0.0305i	0.0219-0.0117i	0.0407-0.0542i	0.0333-0.0210i
47.2	-0.0187+0.0465i	-0.0216+0.0303i	-0.1540+0.3132i	0.1034-0.3131i	0.0121-0.0315i	0.0170-0.0118i	0.0207-0.0582i	0.0473-0.0137i
47.3	0.0205+0.0572i	-0.0200+0.0311i	-0.2217+0.2960i	0.1729-0.2700i	0.0046-0.0308i	0.0109-0.0094i	0.0016-0.0390i	0.0355-0.0247i
47.4	0.0466+0.0606i	-0.0419+0.0757i	-0.2931+0.3306i	0.2302-0.2850i	0.0025-0.0263i	0.0059-0.0107i	0.0011-0.0218i	0.0081-0.0300i
47.5	0.0407+0.0318i	-0.0646+0.0699i	-0.3434+0.3627i	0.2715-0.3648i	0.0053-0.0249i	0.0090-0.0084i	0.0152-0.0225i	-0.0006-0.0267i
47.6	0.0486+0.0234i	-0.0593+0.0370i	-0.3295+0.4320i	0.2681-0.4690i	0.0081-0.0238i	0.0132-0.0033i	0.0329-0.0300i	0.0055-0.0122i
47.7	0.0416+0.0212i	-0.0655+0.0678i	-0.2386+0.4660i	0.1546-0.4938i	0.0099-0.0293i	0.0167-0.0092i	0.0280-0.0507i	0.0205-0.0130i
47.8	0.0394-0.0075i	-0.0607+0.0973i	-0.1517+0.4166i	0.1015-0.4464i	0.0080-0.0359i	0.0166-0.0140i	0.0127-0.0591i	0.0262-0.0281i
47.9	0.0464-0.0081i	-0.0495+0.0997i	-0.1612+0.3780i	0.0641-0.3215i	0.0022-0.0323i	0.0118-0.0134i	-0.0022-0.0411i	0.0265-0.0221i
48.0	0.0111+0.0044i	-0.0317+0.1047i	-0.2512+0.3578i	0.1305-0.3136i	0.0009-0.0355i	0.0128-0.0205i	0.0001-0.0455i	0.0200-0.0378i
48.1	0.0016-0.0018i	0.0065+0.1158i	-0.2325+0.3759i	0.1097-0.3158i	-0.0079-0.0393i	0.0056-0.0253i	-0.0147-0.0596i	0.0111-0.0398i
48.2	0.0136-0.0084i	0.0029+0.1066i	-0.2889+0.3695i	0.1775-0.3591i	-0.0118-0.0369i	0.0013-0.0220i	-0.0266-0.0409i	0.0181-0.0536i
48.3	0.0197-0.0121i	-0.0123+0.1105i	-0.2533+0.3992i	0.1604-0.4070i	-0.0116-0.0357i	0.0015-0.0223i	-0.0260-0.0306i	0.0188-0.0628i
48.4	0.0182-0.0179i	0.0052+0.1130i	-0.1605+0.3695i	0.1047-0.3955i	-0.0172-0.0367i	-0.0041-0.0214i	-0.0236-0.0161i	0.0012-0.0706i
48.5	0.0063+0.0015i	0.0829+0.0793i	-0.1608+0.3137i	0.1473-0.3330i	-0.0195-0.0312i	-0.0055-0.0166i	-0.0067-0.0120i	-0.0074-0.0601i
48.6	-0.0059+0.0517i	0.0701+0.1075i	-0.2013+0.3653i	0.1662-0.2958i	-0.0228-0.0231i	-0.0059-0.0135i	-0.0132-0.0084i	-0.0208-0.0388i
48.7	0.0082+0.0744i	0.0463+0.1377i	-0.2621+0.3688i	0.1602-0.2679i	-0.0230-0.0223i	-0.0085-0.0133i	-0.0217-0.0035i	-0.0285-0.0400i
48.8	0.0350+0.0343i	0.0441+0.1319i	-0.2776+0.4087i	0.1665-0.2956i	-0.0228-0.0251i	-0.0065-0.0139i	-0.0102-0.0059i	-0.0319-0.0438i
48.9	-0.0033-0.0198i	0.0477+0.1323i	-0.2431+0.3552i	0.1247-0.3266i	-0.0302-0.0280i	-0.0095-0.0173i	-0.0189-0.0173i	-0.0389-0.0499i
49.0	-0.0594-0.0244i	0.0926+0.1090i	-0.2226+0.2740i	0.1205-0.2565i	-0.0344-0.0262i	-0.0153-0.0152i	-0.0223-0.0102i	-0.0434-0.0566i
49.1	-0.0379+0.0188i	0.1032+0.0788i	-0.2706+0.2512i	0.1902-0.2536i	-0.0321-0.0174i	-0.0139-0.0114i	-0.0196-0.0000i	-0.0403-0.0475i
49.2	-0.0154+0.0136i	0.1144+0.0419i	-0.2896+0.2806i	0.2820-0.2652i	-0.0293-0.0182i	-0.0117-0.0124i	-0.0079+0.0030i	-0.0337-0.0536i
49.3	-0.0331-0.0143i	0.1215+0.0264i	-0.3442+0.3393i	0.3255-0.3009i	-0.0294-0.0219i	-0.0094-0.0152i	0.0044-0.0030i	-0.0367-0.0637i
49.4	-0.0635+0.0450i	0.1238+0.1272i	-0.3622+0.4747i	0.3053-0.3230i	-0.0377-0.0162i	-0.0140-0.0094i	-0.0035+0.0042i	-0.0716-0.0299i
49.5	-0.0555+0.0042i	0.1826+0.0832i	-0.2863+0.4170i	0.2264-0.3697i	-0.0409-0.0208i	-0.0204-0.0131i	-0.0067-0.0113i	-0.0704-0.0408i
49.6	-0.0948+0.0121i	0.1265+0.1127i	-0.3197+0.4039i	0.1572-0.3117i	-0.0451-0.0173i	-0.0235-0.0124i	-0.0111-0.0031i	-0.0861-0.0404i
49.7	-0.1442-0.0084i	0.0675+0.0465i	-0.4258+0.2713i	0.0779-0.4056i	-0.0549-0.0186i	-0.0294-0.0182i	-0.0324-0.0199i	-0.1187-0.0610i

49.8	-0.2366+0.0171i	-0.0200+0.0522i	-0.5964+0.2843i	-0.0356-0.3866i	-0.0703-0.0125i	-0.0411-0.0162i	-0.0685-0.0240i	-0.1701-0.0504i
49.9	-0.1863+0.0702i	0.1375+0.0294i	-0.4430+0.3712i	0.1115-0.3113i	-0.0632-0.0009i	-0.0355-0.0065i	-0.0419-0.0158i	-0.1302-0.0085i
50.0	-0.0964+0.0996i	0.2096-0.0070i	-0.3421+0.3403i	0.2802-0.2350i	-0.0501+0.0022i	-0.0251-0.0023i	-0.0219-0.0071i	-0.0740+0.0019i
50.1	-0.0973+0.0949i	0.1862+0.0073i	-0.4302+0.3955i	0.3456-0.2578i	-0.0544-0.0019i	-0.0303-0.0029i	-0.0179-0.0007i	-0.0881-0.0009i
50.2	-0.1096+0.0663i	0.1884+0.0572i	-0.4113+0.5414i	0.2993-0.3798i	-0.0585-0.0039i	-0.0323-0.0074i	-0.0136-0.0127i	-0.1050+0.0041i
50.3	-0.1000+0.0872i	0.2327+0.0149i	-0.3176+0.5280i	0.2048-0.3696i	-0.0537+0.0069i	-0.0261+0.0006i	-0.0223-0.0115i	-0.0930+0.0190i
50.4	-0.1076+0.1155i	0.2360-0.0632i	-0.2913+0.3984i	0.1330-0.2623i	-0.0592+0.0175i	-0.0319+0.0031i	-0.0496+0.0007i	-0.0932+0.0217i
50.5	-0.1494+0.1227i	0.1992-0.0534i	-0.3580+0.3286i	0.1976-0.2140i	-0.0697+0.0160i	-0.0441+0.0023i	-0.0612+0.0051i	-0.1190+0.0134i
50.6	-0.1720+0.1331i	0.1764-0.1089i	-0.4081+0.3046i	0.2676-0.2068i	-0.0697+0.0265i	-0.0458+0.0122i	-0.0589+0.0152i	-0.1186+0.0187i
50.7	-0.1212+0.1387i	0.1777-0.1603i	-0.4433+0.3475i	0.3108-0.2455i	-0.0623+0.0257i	-0.0384+0.0112i	-0.0399+0.0248i	-0.1003+0.0124i
50.8	-0.1216+0.1875i	0.2017-0.1451i	-0.4647+0.3680i	0.3022-0.2641i	-0.0740+0.0354i	-0.0504+0.0190i	-0.0546+0.0361i	-0.1269+0.0288i
50.9	-0.1194+0.1765i	0.2084-0.1768i	-0.4626+0.3791i	0.3448-0.2820i	-0.0801+0.0386i	-0.0558+0.0211i	-0.0601+0.0331i	-0.1386+0.0425i
51.0	-0.1321+0.2147i	0.1791-0.2075i	-0.4611+0.3713i	0.3438-0.2370i	-0.0837+0.0527i	-0.0569+0.0330i	-0.0625+0.0537i	-0.1410+0.0608i
51.1	-0.1068+0.2390i	0.1846-0.2158i	-0.5285+0.3944i	0.4198-0.2003i	-0.0755+0.0640i	-0.0525+0.0463i	-0.0445+0.0795i	-0.1346+0.0721i
51.2	-0.0677+0.2282i	0.1962-0.2222i	-0.5296+0.4945i	0.4106-0.2818i	-0.0658+0.0675i	-0.0438+0.0503i	-0.0275+0.0586i	-0.1335+0.1039i
51.3	-0.0306+0.2367i	0.1533-0.2422i	-0.5011+0.4551i	0.4198-0.2436i	-0.0567+0.0710i	-0.0367+0.0506i	-0.0317+0.0561i	-0.0967+0.1052i
51.4	-0.0381+0.2478i	0.1597-0.2466i	-0.5855+0.5007i	0.5307-0.2696i	-0.0574+0.0774i	-0.0388+0.0539i	-0.0350+0.0781i	-0.0995+0.1042i
51.5	-0.0001+0.2792i	0.1774-0.2838i	-0.5873+0.5607i	0.5097-0.2824i	-0.0520+0.0909i	-0.0325+0.0608i	-0.0283+0.1038i	-0.0980+0.1220i
51.6	-0.0361+0.3133i	0.1668-0.3055i	-0.6271+0.4921i	0.5377-0.2487i	-0.0581+0.0958i	-0.0408+0.0669i	-0.0452+0.1166i	-0.1072+0.1213i
51.7	-0.0290+0.2875i	0.1630-0.3382i	-0.6647+0.5791i	0.5886-0.3962i	-0.0573+0.0984i	-0.0391+0.0727i	-0.0200+0.1287i	-0.1210+0.1205i
51.8	-0.0046+0.3042i	0.1292-0.3386i	-0.6131+0.6362i	0.5511-0.4347i	-0.0509+0.1084i	-0.0340+0.0813i	0.0011+0.1268i	-0.1206+0.1384i
51.9	0.0009+0.3385i	0.1055-0.3799i	-0.6297+0.6091i	0.5949-0.4170i	-0.0449+0.1253i	-0.0267+0.0971i	0.0043+0.1458i	-0.1030+0.1684i
52.0	0.0359+0.3407i	0.1014-0.4032i	-0.7170+0.6483i	0.6554-0.4807i	-0.0392+0.1277i	-0.0224+0.1031i	0.0283+0.1545i	-0.1076+0.1693i
52.1	0.1419+0.3398i	0.0163-0.4174i	-0.6316+0.7642i	0.5711-0.5426i	-0.0045+0.1345i	0.0100+0.0992i	0.0740+0.1185i	-0.0522+0.2061i
52.2	0.1344+0.3471i	0.0267-0.4235i	-0.6290+0.7591i	0.5775-0.5112i	-0.0067+0.1381i	0.0022+0.0989i	0.0394+0.1207i	-0.0374+0.2077i
52.3	0.0911+0.3623i	0.0519-0.4252i	-0.6277+0.8223i	0.5798-0.5905i	-0.0224+0.1415i	-0.0120+0.1024i	0.0263+0.1296i	-0.0709+0.2111i
52.4	0.0892+0.3898i	0.0120-0.4324i	-0.5819+0.8390i	0.5817-0.6095i	-0.0102+0.1511i	-0.0072+0.1127i	0.0399+0.1509i	-0.0536+0.2197i
52.5	0.1422+0.4152i	-0.0290-0.4498i	-0.6087+0.9365i	0.6078-0.6941i	0.0058+0.1600i	0.0079+0.1226i	0.0740+0.1653i	-0.0319+0.2340i
52.6	0.2259+0.4549i	-0.1101-0.5093i	-0.5013+0.9942i	0.5209-0.7298i	0.0391+0.1774i	0.0413+0.1379i	0.1177+0.1693i	0.0140+0.2778i
52.7	0.2753+0.3921i	-0.1812-0.4627i	-0.4616+0.8909i	0.5032-0.6814i	0.0522+0.1597i	0.0489+0.1247i	0.1037+0.1533i	0.0504+0.2413i
52.8	0.2905+0.3690i	-0.2086-0.4390i	-0.5356+0.8878i	0.5643-0.7252i	0.0550+0.1495i	0.0515+0.1208i	0.1256+0.1588i	0.0419+0.2187i
52.9	0.3080+0.4052i	-0.2407-0.4472i	-0.4823+1.0279i	0.4772-0.7973i	0.0693+0.1583i	0.0701+0.1247i	0.1518+0.1432i	0.0655+0.2569i
53.0	0.3226+0.3841i	-0.2796-0.4081i	-0.4268+1.0587i	0.4236-0.7844i	0.0760+0.1471i	0.0753+0.1082i	0.1278+0.1233i	0.1012+0.2316i
53.1	0.3774+0.3482i	-0.3303-0.3827i	-0.3651+0.9730i	0.3861-0.7207i	0.0937+0.1468i	0.0870+0.1096i	0.1620+0.1611i	0.1092+0.1997i
53.2	0.4473+0.3340i	-0.3472-0.3988i	-0.4494+0.9888i	0.4697-0.7749i	0.1191+0.1595i	0.1195+0.1265i	0.2391+0.1900i	0.1344+0.2062i
53.3	0.4940+0.2477i	-0.3983-0.3382i	-0.3560+1.0881i	0.3564-0.8193i	0.1425+0.1313i	0.1411+0.0941i	0.2841+0.1210i	0.1414+0.1723i
53.4	0.4903+0.1612i	-0.4134-0.2493i	-0.2873+1.0124i	0.3072-0.7161i	0.1541+0.0977i	0.1466+0.0582i	0.2915+0.0419i	0.1494+0.1586i
53.5	0.4714+0.1071i	-0.4055-0.1766i	-0.2934+0.9479i	0.3618-0.6504i	0.1532+0.0659i	0.1445+0.0239i	0.2615-0.0227i	0.1817+0.1210i
53.6	0.4375+0.1056i	-0.3972-0.1859i	-0.3594+0.9254i	0.4160-0.6583i	0.1473+0.0662i	0.1346+0.0229i	0.2379+0.0122i	0.1839+0.0790i
53.7	0.4049+0.1195i	-0.3886-0.2242i	-0.4110+0.9516i	0.4850-0.7169i	0.1412+0.0819i	0.1275+0.0389i	0.2548+0.0551i	0.1530+0.0872i
53.8	0.4435+0.1226i	-0.4219-0.2234i	-0.5044+1.1422i	0.5514-0.8477i	0.1556+0.0874i	0.1435+0.0427i	0.3066+0.0422i	0.1447+0.1073i
53.9	0.4622+0.0942i	-0.4396-0.1811i	-0.4557+1.3331i	0.4935-0.9759i	0.1572+0.0663i	0.1449+0.0182i	0.3182-0.0171i	0.1337+0.1000i
54.0	0.4494+0.0691i	-0.4396-0.1497i	-0.3288+1.4665i	0.3753-1.0191i	0.1529+0.0538i	0.1365+0.0031i	0.2966-0.0602i	0.1360+0.0987i
54.1	0.4271+0.0171i	-0.4479-0.1077i	-0.1581+1.4089i	0.2392-0.9841i	0.1530+0.0381i	0.1269-0.0125i	0.2709-0.0813i	0.1370+0.0674i
54.2	0.4294+0.0100i	-0.4395-0.0822i	-0.2019+1.1871i	0.3063-0.8511i	0.1600+0.0304i	0.1310-0.0139i	0.2963-0.0731i	0.1288+0.0448i
54.3	0.4487+0.0064i	-0.4620-0.0611i	-0.2393+1.3743i	0.3204-0.9757i	0.1700+0.0260i	0.1416-0.0233i	0.3359-0.1177i	0.1228+0.0592i
54.4	0.4481-0.0248i	-0.4433-0.0071i	0.0257+1.4874i	0.1398-1.0184i	0.1692+0.0156i	0.1320-0.0328i	0.3001-0.1727i	0.1368+0.0867i
54.5	0.3905-0.0695i	-0.4185+0.0419i	0.1942+1.4090i	0.0682-0.9663i	0.1540-0.0045i	0.1080-0.0476i	0.2366-0.2069i	0.1351+0.0780i
54.6	0.3719-0.0758i	-0.3958+0.0667i	0.3047+1.2382i	0.0176-0.8515i	0.1476-0.0170i	0.0956-0.0524i	0.1926-0.1990i	0.1400+0.0577i
54.7	0.3410-0.0765i	-0.3361+0.0808i	0.2389+1.0392i	0.1092-0.7487i	0.1397-0.0169i	0.0864-0.0432i	0.1759-0.1733i	0.1274+0.0448i
54.8	0.3654-0.0905i	-0.3632+0.0807i	0.0733+1.1609i	0.2499-0.8995i	0.1441-0.0167i	0.0985-0.0410i	0.2088-0.1895i	0.1271+0.0627i
54.9	0.3395-0.1070i	-0.3651+0.1271i	0.2479+1.3939i	0.0763-1.0541i	0.1281-0.0323i	0.0800-0.0560i	0.1535-0.2402i	0.1162+0.0685i
55.0	0.3402-0.1240i	-0.3398+0.1740i	0.4376+1.2999i	-0.0777-0.9686i	0.1305-0.0494i	0.0806-0.0701i	0.1340-0.2579i	0.1406+0.0367i
55.1	0.3125-0.0945i	-0.2709+0.1285i	0.4724+1.1383i	-0.1283-0.8469i	0.1221-0.0327i	0.0733-0.0514i	0.1057-0.2072i	0.1454+0.0440i
55.2	0.3047-0.0981i	-0.2415+0.0928i	0.5348+1.0263i	-0.1397-0.8117i	0.1081-0.0238i	0.0603-0.0390i	0.0735-0.1830i	0.1327+0.0587i
55.3	0.2802-0.0864i	-0.2067+0.1130i	0.5635+0.8821i	-0.1263-0.7088i	0.0985-0.0310i	0.0565-0.0435i	0.0518-0.1830i	0.1268+0.0382i
55.4	0.2856-0.0624i	-0.2145+0.1198i	0.4900+0.7775i	-0.1009-0.5785i	0.0985-0.0292i	0.0595-0.0400i	0.0507-0.1535i	0.1306+0.0246i
55.5	0.3243-0.1006i	-0.2486+0.1176i	0.3085+0.7820i	0.0276-0.5940i	0.1112-0.0427i	0.0736-0.0537i	0.0983-0.1633i	0.1286-0.0057i
55.6	0.3341-0.0910i	-0.2394+0.1383i	0.3486+0.8492i	0.0173-0.6385i	0.1149-0.0395i	0.0730-0.0531i	0.1142-0.1714i	0.1280+0.0066i
55.7	0.3057-0.0927i	-0.2321+0.1208i	0.4271+0.7766i	-0.0401-0.5664i	0.1133-0.0348i	0.0704-0.0505i	0.0974-0.1717i	0.1364+0.0259i
55.8	0.2821-0.1033i	-0.2088+0.1017i	0.4283+0.6927i	-0.0343-0.4909i	0.1129-0.0403i	0.0695-0.0567i	0.0891-0.1835i	0.1367+0.0192i
55.9	0.2908-0.0976i	-0.2072+0.0847i	0.3960+0.6074i	0.0401-0.4279i	0.1146-0.0375i	0.0708-0.0511i	0.0875-0.1709i	0.1434+0.0147i
56.0	0.3182-0.0962i	-0.2087+0.0630i	0.2434+0.5758i	0.2010-0.4569i	0.1213-0.0364i	0.0769-0.0476i	0.1005-0.1567i	0.1594+0.0083i

56.1	0.3002-0.1357i	-0.2398+0.0747i	0.2068+0.7595i	0.2192-0.5876i	0.1204-0.0465i	0.0747-0.0597i	0.1076-0.1705i	0.1477-0.0125i
56.2	0.3126-0.1336i	-0.2347+0.0924i	0.3782+0.7238i	0.1234-0.5653i	0.1156-0.0489i	0.0688-0.0577i	0.0912-0.1772i	0.1429+0.0008i
56.3	0.3033-0.1245i	-0.2269+0.1191i	0.3531+0.6271i	0.1214-0.4790i	0.1087-0.0460i	0.0610-0.0523i	0.0700-0.1706i	0.1369+0.0093i
56.4	0.3359-0.1402i	-0.2367+0.1072i	0.3266+0.5762i	0.1983-0.4518i	0.1302-0.0607i	0.0801-0.0703i	0.1026-0.1952i	0.1658-0.0293i
56.5	0.3267-0.1204i	-0.2489+0.0785i	0.2775+0.5439i	0.2632-0.4379i	0.1383-0.0631i	0.0834-0.0686i	0.1140-0.1920i	0.1795-0.0385i
56.6	0.2965-0.0956i	-0.2359+0.0592i	0.2178+0.5102i	0.2891-0.4494i	0.1347-0.0473i	0.0813-0.0478i	0.1091-0.1597i	0.1775-0.0029i
56.7	0.3061-0.1085i	-0.2424+0.0663i	0.1642+0.4907i	0.3399-0.4905i	0.1363-0.0477i	0.0780-0.0468i	0.1088-0.1542i	0.1785-0.0024i
56.8	0.3235-0.1113i	-0.2515+0.0733i	0.1466+0.4774i	0.3748-0.5027i	0.1426-0.0576i	0.0849-0.0551i	0.1161-0.1652i	0.1905-0.0212i
56.9	0.3344-0.1310i	-0.2610+0.0436i	0.0925+0.4819i	0.4566-0.5065i	0.1490-0.0685i	0.0918-0.0586i	0.1229-0.1725i	0.2035-0.0344i
57.0	0.3162-0.1482i	-0.2350+0.0477i	0.0484+0.4801i	0.5092-0.5055i	0.1407-0.0662i	0.0851-0.0583i	0.1108-0.1673i	0.1955-0.0333i
57.1	0.2975-0.1742i	-0.2331+0.0542i	-0.0451+0.4898i	0.5648-0.5581i	0.1409-0.0797i	0.0867-0.0689i	0.1148-0.1822i	0.1921-0.0532i
57.2	0.3300-0.1960i	-0.2360+0.0640i	-0.1175+0.6398i	0.6385-0.7198i	0.1384-0.1012i	0.0814-0.0952i	0.1155-0.2233i	0.1687-0.0858i
57.3	0.3147-0.1927i	-0.2475+0.1021i	0.0245+0.7905i	0.5380-0.8300i	0.1286-0.1092i	0.0695-0.1012i	0.1029-0.2442i	0.1489-0.0854i
57.4	0.3325-0.1930i	-0.2465+0.1117i	0.0672+0.7215i	0.4904-0.8106i	0.1453-0.1248i	0.0844-0.1073i	0.1200-0.2634i	0.1859-0.0966i
57.5	0.3381-0.2022i	-0.2143+0.0874i	0.0489+0.6618i	0.4908-0.8151i	0.1531-0.1224i	0.0935-0.0998i	0.1258-0.2546i	0.2079-0.0909i
57.6	0.3460-0.1944i	-0.2421+0.0867i	0.0058+0.6541i	0.5544-0.8394i	0.1535-0.1310i	0.0946-0.0991i	0.1192-0.2570i	0.2169-0.0936i
57.7	0.3643-0.2211i	-0.2670+0.1104i	-0.0076+0.6498i	0.5784-0.8774i	0.1475-0.1493i	0.0864-0.1186i	0.1031-0.2905i	0.2117-0.1251i
57.8	0.3615-0.2343i	-0.2697+0.1066i	-0.0080+0.6864i	0.5740-0.9513i	0.1479-0.1623i	0.0867-0.1302i	0.0992-0.3050i	0.2068-0.1514i
57.9	0.3688-0.2263i	-0.2811+0.1188i	-0.0166+0.7286i	0.5555-1.0020i	0.1593-0.1726i	0.1001-0.1368i	0.1133-0.3078i	0.2259-0.1715i
58.0	0.3876-0.2474i	-0.2741+0.1111i	-0.0363+0.7370i	0.5645-1.0440i	0.1549-0.1666i	0.0979-0.1279i	0.1035-0.2934i	0.2233-0.1664i
58.1	0.3944-0.2821i	-0.2632+0.1390i	-0.0230+0.7369i	0.5689-1.1098i	0.1336-0.1847i	0.0810-0.1420i	0.0697-0.3161i	0.2021-0.1890i
58.2	0.4169-0.2939i	-0.2769+0.1795i	-0.0428+0.7569i	0.5834-1.1534i	0.1303-0.2022i	0.0797-0.1569i	0.0642-0.3327i	0.2006-0.2147i
58.3	0.4033-0.3113i	-0.2703+0.1893i	-0.0690+0.8408i	0.5872-1.2557i	0.1409-0.2091i	0.0916-0.1572i	0.0822-0.3226i	0.2206-0.2448i
58.4	0.3815-0.3936i	-0.2780+0.2229i	-0.0635+0.9161i	0.5120-1.3888i	0.1240-0.2448i	0.0807-0.1879i	0.0817-0.3674i	0.1808-0.2963i
58.5	0.3833-0.4046i	-0.2573+0.2240i	-0.0468+1.0073i	0.4650-1.4590i	0.1176-0.2448i	0.0777-0.1868i	0.0809-0.3778i	0.1775-0.2865i
58.6	0.4371-0.4107i	-0.2741+0.1945i	0.0545+1.0007i	0.3648-1.4763i	0.1225-0.2697i	0.0860-0.2085i	0.0786-0.4164i	0.1899-0.3217i
58.7	0.4063-0.4565i	-0.2591+0.2177i	0.0932+0.9815i	0.2766-1.5403i	0.0978-0.2762i	0.0700-0.2114i	0.0395-0.4136i	0.1640-0.3363i
58.8	0.3573-0.4915i	-0.2538+0.2482i	0.1052+0.9995i	0.2258-1.5765i	0.0733-0.2918i	0.0485-0.2273i	0.0095-0.4300i	0.1274-0.3524i
58.9	0.3212-0.5060i	-0.2533+0.2977i	0.1504+1.0336i	0.1399-1.6230i	0.0612-0.3042i	0.0368-0.2379i	-0.0019-0.4428i	0.1013-0.3736i
59.0	0.2738-0.5224i	-0.2360+0.3261i	0.1768+1.0433i	0.0495-1.6461i	0.0549-0.3171i	0.0335-0.2508i	-0.0062-0.4612i	0.0891-0.4026i
59.1	0.2575-0.5650i	-0.2230+0.3652i	0.2325+1.0413i	-0.0718-1.6334i	0.0179-0.3374i	0.0049-0.2751i	-0.0609-0.4980i	0.0321-0.4388i
59.2	0.1858-0.5797i	-0.1820+0.3605i	0.2978+1.0453i	-0.2138-1.6180i	-0.0225-0.3272i	-0.0304-0.2677i	-0.1157-0.4796i	-0.0298-0.4123i
59.3	0.1294-0.5899i	-0.1541+0.3538i	0.3554+1.0444i	-0.2736-1.5755i	-0.0545-0.3318i	-0.0587-0.2765i	-0.1510-0.4888i	-0.0708-0.4209i
59.4	0.0856-0.6310i	-0.1274+0.3609i	0.4034+1.0212i	-0.3793-1.5456i	-0.0939-0.3526i	-0.0954-0.2983i	-0.2079-0.5199i	-0.1362-0.4529i
59.5	0.0682-0.5936i	-0.1156+0.3370i	0.4393+0.9821i	-0.4163-1.5054i	-0.1077-0.3493i	-0.1047-0.2987i	-0.2279-0.5230i	-0.1619-0.4483i
59.6	0.0390-0.5957i	-0.0904+0.3536i	0.5045+0.9657i	-0.4526-1.4309i	-0.1431-0.3416i	-0.1398-0.2930i	-0.2808-0.5140i	-0.2181-0.4414i
59.7	-0.0065-0.5525i	-0.0917+0.3623i	0.5517+0.9575i	-0.5491-1.3785i	-0.1916-0.3164i	-0.1808-0.2680i	-0.3486-0.4723i	-0.2857-0.3967i
59.8	-0.0139-0.5214i	-0.0857+0.3437i	0.6104+0.9197i	-0.6065-1.3220i	-0.2028-0.3206i	-0.1952-0.2743i	-0.3706-0.4811i	-0.3072-0.4067i
59.9	-0.0853-0.4748i	-0.1359+0.3311i	0.5977+0.8804i	-0.6645-1.1738i	-0.2180-0.2918i	-0.2134-0.2477i	-0.3974-0.4413i	-0.3340-0.3671i
60.0	-0.2002-0.3461i	-0.2324+0.4842i	0.6469+0.9264i	-0.6135-1.0966i	-0.2530-0.2649i	-0.2465-0.2232i	-0.4552-0.4053i	-0.3990-0.3067i
60.1	-0.1925-0.2584i	-0.1902+0.5967i	0.7368+0.9153i	-0.5899-1.0252i	-0.2530-0.2411i	-0.2440-0.2047i	-0.4484-0.3690i	-0.3919-0.2683i
60.2	-0.0565-0.4252i	0.0352+0.3403i	0.6531+0.7045i	-0.6429-1.0105i	-0.2713-0.2171i	-0.2598-0.1798i	-0.4608-0.3294i	-0.4147-0.2419i
60.3	-0.0468-0.4093i	0.0340+0.3125i	0.6370+0.6716i	-0.6290-0.9570i	-0.2759-0.1957i	-0.2686-0.1597i	-0.4716-0.3004i	-0.4244-0.2086i
60.4	-0.0320-0.3695i	0.0483+0.2918i	0.6398+0.6242i	-0.5982-0.8618i	-0.2771-0.1654i	-0.2703-0.1312i	-0.4756-0.2520i	-0.4253-0.1598i
60.5	-0.0494-0.3516i	0.0603+0.2926i	0.6423+0.5848i	-0.5764-0.8341i	-0.2846-0.1259i	-0.2786-0.0942i	-0.4887-0.1968i	-0.4322-0.0934i
60.6	-0.0516-0.3425i	0.0709+0.2886i	0.6193+0.5543i	-0.5690-0.8044i	-0.2826-0.1070i	-0.2746-0.0781i	-0.4860-0.1719i	-0.4256-0.0609i
60.7	-0.0119-0.3382i	0.0751+0.2937i	0.6178+0.5244i	-0.5170-0.7357i	-0.2630-0.0932i	-0.2567-0.0693i	-0.4593-0.1554i	-0.3860-0.0409i
60.8	-0.0047-0.3529i	0.0390+0.2738i	0.5710+0.5242i	-0.5262-0.7495i	-0.2708-0.0961i	-0.2674-0.0719i	-0.4756-0.1616i	-0.4014-0.0393i
60.9	0.0061-0.3250i	0.0740+0.2803i	0.5990+0.5055i	-0.5287-0.7188i	-0.2681-0.0697i	-0.2644-0.0506i	-0.4735-0.1215i	-0.3881-0.0112i
61.0	0.0520-0.3114i	0.1012+0.2481i	0.5898+0.4475i	-0.4519-0.6647i	-0.2486-0.0655i	-0.2497-0.0461i	-0.4481-0.1148i	-0.3621-0.0117i
61.1	0.0785-0.3079i	0.1057+0.2395i	0.5845+0.4286i	-0.4170-0.6531i	-0.2439-0.0534i	-0.2480-0.0298i	-0.4458-0.0904i	-0.3518+0.0068i
61.2	0.0705-0.3092i	0.0893+0.2142i	0.5677+0.3977i	-0.3809-0.6660i	-0.2494-0.0436i	-0.2504-0.0183i	-0.4488-0.0679i	-0.3550+0.0313i
61.3	0.1076-0.3113i	0.0787+0.2116i	0.5467+0.3543i	-0.3545-0.6577i	-0.2453-0.0433i	-0.2453-0.0182i	-0.4360-0.0651i	-0.3544+0.0342i
61.4	0.0882-0.3337i	0.1000+0.2156i	0.5250+0.3369i	-0.3393-0.6537i	-0.2564-0.0144i	-0.2517+0.0162i	-0.4449-0.0174i	-0.3718+0.0872i
61.5	0.0611-0.3720i	0.1006+0.2216i	0.4831+0.3619i	-0.2856-0.6782i	-0.2716-0.0108i	-0.2683+0.0261i	-0.4725-0.0143i	-0.4018+0.0930i
61.6	0.1071-0.3256i	0.1197+0.1999i	0.4836+0.3338i	-0.2435-0.6821i	-0.2525+0.0034i	-0.2540+0.0367i	-0.4430+0.0084i	-0.3732+0.1116i
61.7	0.1407-0.3531i	0.1054+0.1617i	0.4594+0.2822i	-0.2166-0.6846i	-0.2486+0.0003i	-0.2547+0.0329i	-0.4368+0.0029i	-0.3628+0.1062i
61.8	0.2025-0.4331i	0.0856+0.1229i	0.4495+0.2568i	-0.1567-0.7144i	-0.2564-0.0072i	-0.2657+0.0300i	-0.4540-0.0136i	-0.3789+0.1017i
61.9	0.1831-0.4625i	0.0946+0.1423i	0.4204+0.2676i	-0.1464-0.7524i	-0.2743+0.0065i	-0.2805+0.0454i	-0.4864+0.0105i	-0.4090+0.1417i
62.0	0.1835-0.4636i	0.1044+0.1519i	0.4317+0.2595i	-0.0995-0.7535i	-0.2630+0.0144i	-0.2669+0.0535i	-0.4671+0.0246i	-0.3923+0.1484i
62.1	0.1864-0.4994i	0.1180+0.1613i	0.4122+0.2689i	-0.1128-0.7917i	-0.2648+0.0323i	-0.2653+0.0731i	-0.4653+0.0483i	-0.3925+0.1758i
62.2	0.1423-0.5444i	0.1345+0.1642i	0.3439+0.3043i	-0.1588-0.8442i	-0.2696+0.0519i	-0.2667+0.0920i	-0.4688+0.0767i	-0.3953+0.2120i
62.3	0.1388-0.6151i	0.1002+0.1139i	0.3180+0.2407i	-0.1134-0.9323i	-0.2724+0.0491i	-0.2745+0.0934i	-0.4764+0.0733i	-0.4040+0.2157i

62.4	0.1418-0.6703i	0.0595+0.1173i	0.2843+0.2110i	-0.0967-0.9545i	-0.2779+0.0584i	-0.2766+0.1043i	-0.4809+0.0863i	-0.4074+0.2523i
62.5	0.1242-0.7164i	0.0613+0.1080i	0.2675+0.2433i	-0.0886-0.9873i	-0.2750+0.0739i	-0.2722+0.1245i	-0.4839+0.1156i	-0.3911+0.2809i
62.6	0.0852-0.7480i	0.0758+0.1225i	0.2512+0.2646i	-0.1206-1.0622i	-0.2799+0.0920i	-0.2716+0.1463i	-0.4922+0.1452i	-0.3830+0.3016i
62.7	0.0300-0.7656i	0.0796+0.1351i	0.2114+0.2660i	-0.1577-1.0996i	-0.2891+0.1188i	-0.2714+0.1725i	-0.5030+0.1796i	-0.3772+0.3473i
62.8	-0.0117-0.8101i	0.0704+0.1142i	0.2130+0.2719i	-0.1845-1.1761i	-0.2873+0.1322i	-0.2663+0.1895i	-0.4966+0.2058i	-0.3713+0.3780i
62.9	-0.0532-0.8498i	0.0757+0.1013i	0.1772+0.2866i	-0.2351-1.2187i	-0.2861+0.1548i	-0.2611+0.2112i	-0.4964+0.2424i	-0.3618+0.4213i
63.0	-0.1112-0.8424i	0.0591+0.0784i	0.1581+0.2864i	-0.2868-1.2073i	-0.2705+0.1775i	-0.2454+0.2285i	-0.4793+0.2761i	-0.3215+0.4523i
63.1	-0.1651-0.8626i	0.0634+0.0761i	0.1803+0.3223i	-0.3270-1.2098i	-0.2516+0.1858i	-0.2268+0.2375i	-0.4507+0.2945i	-0.2894+0.4686i
63.2	-0.2206-0.8612i	0.0893+0.1052i	0.1933+0.3244i	-0.3607-1.2130i	-0.2419+0.1983i	-0.2090+0.2510i	-0.4307+0.3205i	-0.2588+0.4834i
63.3	-0.2799-0.8302i	0.0872+0.1311i	0.1824+0.3467i	-0.4572-1.2236i	-0.2237+0.2349i	-0.1890+0.2821i	-0.4044+0.3741i	-0.2081+0.5351i
63.4	-0.3437-0.8202i	0.0595+0.1655i	0.1599+0.4004i	-0.5477-1.2055i	-0.2083+0.2514i	-0.1660+0.2933i	-0.3742+0.3950i	-0.1734+0.5552i
63.5	-0.3725-0.8175i	0.0862+0.1517i	0.1489+0.3863i	-0.5830-1.1980i	-0.1825+0.2506i	-0.1415+0.2882i	-0.3376+0.3977i	-0.1383+0.5342i
63.6	-0.3907-0.8136i	0.0944+0.1375i	0.1599+0.3849i	-0.6245-1.1753i	-0.1636+0.2594i	-0.1202+0.2950i	-0.3102+0.4150i	-0.0980+0.5411i
63.7	-0.4625-0.7721i	0.0624+0.1403i	0.1430+0.4252i	-0.6574-1.1419i	-0.1514+0.2739i	-0.1010+0.3049i	-0.2857+0.4354i	-0.0598+0.5560i
63.8	-0.5350-0.7565i	0.0653+0.1449i	0.1405+0.4224i	-0.7086-1.1196i	-0.1353+0.2795i	-0.0824+0.3070i	-0.2560+0.4428i	-0.0345+0.5581i
63.9	-0.5567-0.7422i	0.0685+0.1094i	0.1486+0.4135i	-0.7401-1.1185i	-0.1136+0.2763i	-0.0658+0.3013i	-0.2272+0.4373i	-0.0110+0.5447i
64.0	-0.5762-0.7351i	0.0863+0.0938i	0.1917+0.4159i	-0.7796-1.0932i	-0.0905+0.2748i	-0.0437+0.2936i	-0.1902+0.4297i	0.0285+0.5290i
64.1	-0.5603-0.7043i	0.1031+0.1044i	0.1914+0.3862i	-0.7757-1.0310i	-0.0716+0.2699i	-0.0228+0.2912i	-0.1571+0.4274i	0.0664+0.5170i
64.2	-0.6024-0.6486i	0.0877+0.1102i	0.1711+0.3831i	-0.8188-0.9791i	-0.0615+0.2656i	-0.0109+0.2855i	-0.1419+0.4291i	0.0857+0.5052i
64.3	-0.6439-0.5933i	0.1112+0.1086i	0.1688+0.3912i	-0.8434-0.9301i	-0.0425+0.2683i	0.0095+0.2803i	-0.1116+0.4271i	0.1111+0.4932i
64.4	-0.6429-0.5546i	0.0954+0.0966i	0.1913+0.4060i	-0.8668-0.8782i	-0.0243+0.2628i	0.0260+0.2751i	-0.0825+0.4147i	0.1322+0.4797i
64.5	-0.6694-0.5439i	0.0656+0.0646i	0.1912+0.4030i	-0.8863-0.8970i	-0.0091+0.2499i	0.0382+0.2656i	-0.0543+0.3943i	0.1585+0.4575i
64.6	-0.6713-0.5170i	0.0962+0.0469i	0.1927+0.3917i	-0.8877-0.8835i	0.0081+0.2499i	0.0497+0.2582i	-0.0344+0.3897i	0.1819+0.4460i
64.7	-0.6705-0.4861i	0.0864+0.0600i	0.1945+0.4193i	-0.8817-0.8403i	0.0145+0.2451i	0.0597+0.2506i	-0.0189+0.3835i	0.1941+0.4343i
64.8	-0.6910-0.4938i	0.0806+0.0670i	0.1926+0.3906i	-0.8739-0.8150i	0.0224+0.2381i	0.0643+0.2417i	-0.0069+0.3695i	0.2083+0.4163i
64.9	-0.7093-0.4569i	0.0891+0.0667i	0.2141+0.4028i	-0.8924-0.7864i	0.0347+0.2302i	0.0718+0.2320i	0.0074+0.3580i	0.2188+0.3936i
65.0	-0.7277-0.4058i	0.0971+0.0451i	0.1969+0.4220i	-0.9122-0.7656i	0.0493+0.2212i	0.0792+0.2247i	0.0209+0.3417i	0.2315+0.3770i
65.1	-0.7317-0.4025i	0.0844+0.0547i	0.1652+0.4079i	-0.9034-0.7469i	0.0513+0.2113i	0.0864+0.2139i	0.0307+0.3207i	0.2423+0.3657i
65.2	-0.7579-0.3731i	0.0519+0.0302i	0.1844+0.3854i	-0.8878-0.6954i	0.0624+0.1980i	0.0963+0.2014i	0.0434+0.3072i	0.2514+0.3440i
65.3	-0.7553-0.3389i	0.0709+0.0394i	0.1866+0.3947i	-0.9268-0.6567i	0.0608+0.1911i	0.1006+0.1947i	0.0447+0.3009i	0.2628+0.3309i
65.4	-0.7611-0.3462i	0.0764+0.0540i	0.1746+0.3837i	-0.9222-0.6492i	0.0647+0.1842i	0.1028+0.1884i	0.0487+0.2883i	0.2666+0.3192i
65.5	-0.7483-0.3515i	0.0683+0.0342i	0.1970+0.3607i	-0.9203-0.6312i	0.0678+0.1760i	0.1045+0.1779i	0.0494+0.2787i	0.2792+0.2961i
65.6	-0.7466-0.3086i	0.0576+0.0502i	0.1845+0.3559i	-0.9123-0.5610i	0.0700+0.1745i	0.1072+0.1729i	0.0515+0.2745i	0.2853+0.2919i
65.7	-0.7433-0.2796i	0.0540+0.0386i	0.1764+0.3628i	-0.9052-0.5225i	0.0783+0.1680i	0.1105+0.1663i	0.0595+0.2671i	0.2890+0.2785i
65.8	-0.7542-0.2871i	0.0333-0.0078i	0.1730+0.3593i	-0.9445-0.5289i	0.0807+0.1534i	0.1122+0.1508i	0.0643+0.2475i	0.2922+0.2478i
65.9	-0.7732-0.2571i	0.0452+0.0220i	0.1483+0.3357i	-0.9217-0.5235i	0.0796+0.1564i	0.1133+0.1522i	0.0603+0.2523i	0.2980+0.2508i
66.0	-0.8057-0.2351i	0.0441+0.0009i	0.1320+0.3250i	-0.9149-0.4835i	0.0827+0.1509i	0.1129+0.1458i	0.0612+0.2453i	0.2951+0.2366i
66.1	-0.8144-0.2256i	0.0385+0.0100i	0.1384+0.3148i	-0.8643-0.4665i	0.0839+0.1473i	0.1131+0.1447i	0.0615+0.2422i	0.2889+0.2301i
66.2	-0.7950-0.1839i	0.0483+0.0358i	0.1144+0.3330i	-0.8483-0.4368i	0.0862+0.1411i	0.1163+0.1347i	0.0710+0.2386i	0.2978+0.2095i
66.3	-0.8074-0.1442i	0.0519+0.0288i	0.1155+0.3109i	-0.8746-0.4339i	0.0900+0.1366i	0.1210+0.1296i	0.0808+0.2300i	0.2979+0.1952i
66.4	-0.8062-0.1338i	0.0478+0.0365i	0.0827+0.3181i	-0.8613-0.4018i	0.0903+0.1316i	0.1205+0.1272i	0.0911+0.2287i	0.2981+0.1795i
66.5	-0.7940-0.1213i	0.0126+0.0472i	0.0363+0.2918i	-0.8433-0.4005i	0.0907+0.1221i	0.1221+0.1183i	0.0904+0.2223i	0.2962+0.1672i
66.6	-0.8067-0.1045i	0.0225+0.0675i	0.0399+0.2935i	-0.8287-0.3608i	0.0885+0.1254i	0.1213+0.1189i	0.0878+0.2213i	0.2892+0.1654i
66.7	-0.8021-0.1195i	0.0202+0.0317i	0.0516+0.3144i	-0.8215-0.3471i	0.0929+0.1222i	0.1254+0.1139i	0.0995+0.2209i	0.2951+0.1550i
66.8	-0.7986-0.0715i	0.0231+0.0497i	0.0154+0.3252i	-0.7960-0.3250i	0.0936+0.1235i	0.1271+0.1160i	0.1027+0.2260i	0.2965+0.1538i
66.9	-0.8240-0.0697i	0.0082+0.0599i	-0.0410+0.3121i	-0.7972-0.3047i	0.0961+0.1198i	0.1257+0.1121i	0.1055+0.2194i	0.2878+0.1444i
67.0	-0.8395-0.0566i	-0.0002+0.0523i	-0.0444+0.3301i	-0.8054-0.3259i	0.1020+0.1109i	0.1341+0.0989i	0.1190+0.2011i	0.2898+0.1372i
67.1	-0.8617-0.0353i	-0.0208+0.0660i	-0.0582+0.3383i	-0.7799-0.2514i	0.0989+0.1130i	0.1353+0.0991i	0.1223+0.2008i	0.2931+0.1349i
67.2	-0.8958-0.0330i	-0.0159+0.0700i	-0.0913+0.3241i	-0.7417-0.2640i	0.1022+0.1047i	0.1367+0.0915i	0.1299+0.1961i	0.2911+0.1179i
67.3	-0.8821-0.0182i	-0.0151+0.0681i	-0.1100+0.3371i	-0.7352-0.2677i	0.1048+0.1033i	0.1383+0.0891i	0.1325+0.1911i	0.2949+0.1108i
67.4	-0.8833+0.0272i	-0.0274+0.0951i	-0.1259+0.3628i	-0.7289-0.2704i	0.1046+0.0962i	0.1383+0.0849i	0.1319+0.1808i	0.2934+0.1018i
67.5	-0.9125+0.0340i	-0.0650+0.1119i	-0.1730+0.3511i	-0.7521-0.2617i	0.1040+0.0943i	0.1394+0.0823i	0.1343+0.1772i	0.2905+0.0907i
67.6	-0.8981+0.0280i	-0.0227+0.0963i	-0.1846+0.3939i	-0.7769-0.2374i	0.1033+0.0946i	0.1411+0.0789i	0.1355+0.1760i	0.2870+0.0878i
67.7	-0.8616+0.0849i	-0.0436+0.0669i	-0.1935+0.4494i	-0.7194-0.2531i	0.1074+0.0831i	0.1401+0.0726i	0.1547+0.1662i	0.2855+0.0874i
67.8	-0.9109+0.1221i	-0.0534+0.0746i	-0.2433+0.4962i	-0.7144-0.2219i	0.1063+0.0859i	0.1421+0.0733i	0.1597+0.1643i	0.2753+0.0815i
67.9	-0.9356+0.1878i	-0.0489+0.1447i	-0.2436+0.5251i	-0.7033-0.2295i	0.1057+0.0823i	0.1412+0.0670i	0.1606+0.1510i	0.2753+0.0689i
68.0	-0.9669+0.2078i	-0.0514+0.1601i	-0.2685+0.5443i	-0.6924-0.2184i	0.1061+0.0819i	0.1472+0.0663i	0.1652+0.1515i	0.2806+0.0663i
68.1	-0.9658+0.2133i	-0.0433+0.1619i	-0.2896+0.5696i	-0.6994-0.1808i	0.1063+0.0828i	0.1467+0.0636i	0.1648+0.1544i	0.2759+0.0598i
68.2	-0.9575+0.2661i	-0.0638+0.1587i	-0.2599+0.6173i	-0.6915-0.2007i	0.1157+0.0784i	0.1516+0.0555i	0.1814+0.1365i	0.2845+0.0485i
68.3	-0.9464+0.3335i	-0.0492+0.1663i	-0.2689+0.7024i	-0.6572-0.2163i	0.1259+0.0732i	0.1557+0.0486i	0.2019+0.1217i	0.2881+0.0435i
68.4	-0.9456+0.3956i	-0.0360+0.1909i	-0.2766+0.7453i	-0.6638-0.1870i	0.1215+0.0694i	0.1521+0.0462i	0.1984+0.1203i	0.2831+0.0384i
68.5	-0.9136+0.4354i	-0.0420+0.2018i	-0.2487+0.7721i	-0.6291-0.1779i	0.1234+0.0666i	0.1520+0.0395i	0.2010+0.1111i	0.2828+0.0283i
68.6	-0.8946+0.4832i	-0.0814+0.2359i	-0.2555+0.8290i	-0.6326-0.1714i	0.1216+0.0673i	0.1502+0.0321i	0.2019+0.1047i	0.2692+0.0218i

68.7	−0.8916+0.5520i	−0.0283+0.2342i	−0.2167+0.9115i	−0.6167−0.1227i	0.1277+0.0618i	0.1530+0.0232i	0.2211+0.0928i	0.2655+0.0078i
68.8	−0.8395+0.5826i	−0.0383+0.2477i	−0.1686+0.9623i	−0.6036−0.0981i	0.1255+0.0596i	0.1510+0.0164i	0.2227+0.0793i	0.2625+0.0044i
68.9	−0.7739+0.6153i	0.0192+0.2468i	−0.1227+0.9639i	−0.5937−0.1262i	0.1313+0.0491i	0.1483+0.0073i	0.2246+0.0562i	0.2538−0.0092i
69.0	−0.7342+0.6946i	0.0622+0.2555i	−0.0918+1.0132i	−0.5956−0.1340i	0.1373+0.0454i	0.1522+0.0030i	0.2279+0.0396i	0.2541−0.0057i
69.1	−0.7022+0.7563i	0.0665+0.2744i	−0.0595+1.0767i	−0.5777−0.1162i	0.1374+0.0384i	0.1519−0.0012i	0.2335+0.0238i	0.2530−0.0086i
69.2	−0.6661+0.7502i	0.0831+0.3055i	−0.0011+1.0968i	−0.5758−0.0928i	0.1293+0.0289i	0.1415−0.0111i	0.2242+0.0030i	0.2368−0.0167i
69.3	−0.6618+0.7688i	0.0938+0.3193i	−0.0062+1.1452i	−0.5454−0.1104i	0.1256+0.0279i	0.1398−0.0167i	0.2226−0.0062i	0.2291−0.0097i
69.4	−0.5659+0.8037i	0.1292+0.3306i	0.0911+1.1987i	−0.5219−0.0792i	0.1278+0.0255i	0.1420−0.0229i	0.2224−0.0236i	0.2260−0.0095i
69.5	−0.4967+0.8199i	0.1470+0.2960i	0.2189+1.1257i	−0.5235−0.0611i	0.1218+0.0191i	0.1303−0.0271i	0.2073−0.0394i	0.2129−0.0057i
69.6	−0.4552+0.7989i	0.1698+0.2628i	0.2619+1.0824i	−0.5411−0.0895i	0.1214+0.0114i	0.1195−0.0334i	0.1934−0.0650i	0.1984−0.0062i
69.7	−0.4125+0.7700i	0.1995+0.2638i	0.3004+1.0595i	−0.5104−0.0928i	0.1181+0.0093i	0.1165−0.0329i	0.1751−0.0707i	0.1930+0.0040i
69.8	−0.3551+0.7598i	0.2006+0.2342i	0.3301+1.0699i	−0.4808−0.0763i	0.1105+0.0065i	0.1103−0.0371i	0.1554−0.0789i	0.1934+0.0007i
69.9	−0.3119+0.7735i	0.2270+0.2279i	0.3964+1.0727i	−0.4459−0.0719i	0.1095+0.0008i	0.1085−0.0412i	0.1498−0.0851i	0.1996−0.0018i
70.0	−0.2437+0.7398i	0.2569+0.2233i	0.4553+1.0535i	−0.4352−0.0876i	0.1122−0.0015i	0.1077−0.0423i	0.1429−0.0948i	0.2057+0.0012i
70.1	−0.2084+0.6958i	0.2294+0.1976i	0.4610+0.9928i	−0.4754−0.1057i	0.1045−0.0055i	0.1020−0.0406i	0.1228−0.1018i	0.2003+0.0044i
70.2	−0.2083+0.6863i	0.2645+0.1926i	0.4688+0.9468i	−0.4322−0.0998i	0.1034−0.0077i	0.0982−0.0390i	0.1172−0.1022i	0.2088+0.0080i
70.3	−0.1759+0.6941i	0.2589+0.2003i	0.5188+0.9697i	−0.4003−0.0676i	0.1010−0.0040i	0.0909−0.0351i	0.0981−0.1038i	0.2153+0.0115i
70.4	−0.1117+0.6815i	0.2523+0.1808i	0.5662+0.9388i	−0.3945−0.0710i	0.1006−0.0052i	0.0867−0.0343i	0.0888−0.1029i	0.2174+0.0089i
70.5	−0.0778+0.6525i	0.2761+0.1431i	0.5662+0.8758i	−0.3832−0.0911i	0.0996−0.0077i	0.0832−0.0332i	0.0881−0.1017i	0.2128+0.0134i
70.6	−0.0730+0.5938i	0.3133+0.1225i	0.6021+0.8607i	−0.3834−0.1302i	0.0978−0.0119i	0.0814−0.0350i	0.0739−0.1022i	0.2171+0.0113i
70.7	−0.0585+0.6014i	0.3231+0.1081i	0.6103+0.8528i	−0.3844−0.0893i	0.0907−0.0074i	0.0753−0.0351i	0.0598−0.1003i	0.2177+0.0099i
70.8	−0.0645+0.5815i	0.2771+0.1289i	0.5679+0.7871i	−0.3887−0.0821i	0.0807−0.0050i	0.0700−0.0315i	0.0509−0.0941i	0.2122+0.0115i
70.9	−0.0744+0.5383i	0.2688+0.1232i	0.5961+0.7618i	−0.3860−0.1048i	0.0790−0.0059i	0.0710−0.0317i	0.0376−0.0879i	0.2119+0.0068i
71.0	−0.0701+0.5219i	0.3057+0.1311i	0.6414+0.7617i	−0.3346−0.0774i	0.0843−0.0005i	0.0711−0.0314i	0.0310−0.0831i	0.2181+0.0088i
71.1	−0.0458+0.4564i	0.3390+0.1126i	0.6394+0.7082i	−0.3500−0.1047i	0.0869−0.0047i	0.0742−0.0322i	0.0266−0.0815i	0.2268+0.0080i
71.2	−0.0048+0.4435i	0.3238+0.0801i	0.6196+0.6508i	−0.3380−0.1241i	0.0876−0.0075i	0.0683−0.0327i	0.0215−0.0816i	0.2382+0.0015i
71.3	0.0403+0.4635i	0.3268+0.0595i	0.6535+0.6507i	−0.3088−0.1275i	0.0880−0.0062i	0.0652−0.0272i	0.0176−0.0760i	0.2406−0.0020i
71.4	0.0299+0.4574i	0.3211+0.0553i	0.6181+0.6518i	−0.3389−0.1120i	0.0821−0.0040i	0.0629−0.0264i	0.0035−0.0645i	0.2426−0.0031i
71.5	−0.0062+0.4536i	0.2818+0.0707i	0.5667+0.6394i	−0.3431−0.0909i	0.0782−0.0038i	0.0607−0.0239i	−0.0016−0.0575i	0.2321−0.0023i
71.6	−0.0543+0.4321i	0.2868+0.0439i	0.5490+0.6154i	−0.3420−0.1166i	0.0779−0.0058i	0.0629−0.0220i	0.0009−0.0448i	0.2305−0.0096i
71.7	−0.0596+0.3982i	0.2902+0.0239i	0.5635+0.5531i	−0.3312−0.1589i	0.0816−0.0077i	0.0688−0.0238i	−0.0006−0.0438i	0.2441−0.0119i
71.8	−0.0418+0.4069i	0.2802+0.0353i	0.5790+0.5597i	−0.3056−0.1415i	0.0823−0.0038i	0.0629−0.0245i	0.0012−0.0426i	0.2396−0.0137i
71.9	−0.0223+0.3978i	0.2983+0.0275i	0.5918+0.5520i	−0.2726−0.1187i	0.0816−0.0029i	0.0610−0.0249i	−0.0009−0.0394i	0.2383−0.0148i
72.0	−0.0530+0.3597i	0.3299+0.0046i	0.6047+0.5179i	−0.2979−0.1028i	0.0827−0.0049i	0.0603−0.0256i	−0.0061−0.0352i	0.2497−0.0299i
72.1	−0.0152+0.3247i	0.3285+0.0116i	0.5946+0.5197i	−0.2943−0.1612i	0.0878−0.0040i	0.0631−0.0219i	−0.0045−0.0345i	0.2546−0.0254i
72.2	−0.0965+0.3208i	0.2774+0.0241i	0.5275+0.5121i	−0.2958−0.1039i	0.0818−0.0036i	0.0613−0.0234i	0.0009−0.0269i	0.2391−0.0354i
72.3	−0.0338+0.3574i	0.3376+0.0810i	0.5619+0.5416i	−0.2339−0.0789i	0.0818+0.0016i	0.0595−0.0199i	0.0040−0.0141i	0.2356−0.0328i
72.4	−0.0477+0.3565i	0.3653+0.0249i	0.5707+0.5038i	−0.2239−0.1010i	0.0839−0.0054i	0.0585−0.0192i	0.0067−0.0155i	0.2345−0.0353i
72.5	−0.0618+0.3411i	0.3201+0.0051i	0.5539+0.5016i	−0.2612−0.1048i	0.0843−0.0097i	0.0616−0.0254i	0.0068−0.0183i	0.2303−0.0407i
72.6	0.0038+0.3425i	0.3339+0.0160i	0.5777+0.5148i	−0.2199−0.1003i	0.0841−0.0044i	0.0594−0.0242i	0.0095−0.0082i	0.2399−0.0448i
72.7	−0.0369+0.4069i	0.2783+0.0212i	0.5537+0.5484i	−0.2472−0.0680i	0.0774+0.0001i	0.0550−0.0193i	0.0011+0.0006i	0.2228−0.0514i
72.8	−0.0851+0.4028i	0.2709+0.0254i	0.4796+0.5380i	−0.2575−0.0887i	0.0747−0.0015i	0.0553−0.0220i	0.0080+0.0057i	0.2170−0.0678i
72.9	−0.1446+0.3423i	0.2750−0.0379i	0.4470+0.4586i	−0.2472−0.1174i	0.0731−0.0122i	0.0611−0.0236i	0.0181−0.0020i	0.2181−0.0765i
73.0	−0.1194+0.3215i	0.2796−0.0201i	0.4680+0.4862i	−0.2320−0.1641i	0.0760−0.0134i	0.0633−0.0223i	0.0084−0.0045i	0.2209−0.0754i
73.1	−0.0588+0.2437i	0.3467−0.0322i	0.5381+0.4190i	−0.1716−0.1851i	0.0843−0.0166i	0.0624−0.0172i	0.0161+0.0046i	0.2353−0.0810i
73.2	−0.0600+0.2590i	0.3751−0.0535i	0.5717+0.3765i	−0.1294−0.1909i	0.0922−0.0163i	0.0635−0.0201i	0.0305+0.0030i	0.2387−0.0841i
73.3	−0.0925+0.3036i	0.3347−0.0526i	0.4832+0.4090i	−0.1625−0.1778i	0.0842−0.0128i	0.0593−0.0169i	0.0250−0.0037i	0.2302−0.0708i
73.4	−0.1579+0.2698i	0.3138−0.0914i	0.4092+0.4027i	−0.1943−0.2040i	0.0815−0.0155i	0.0612−0.0190i	0.0194−0.0059i	0.2341−0.0793i
73.5	−0.1146+0.2520i	0.3713−0.0965i	0.4265+0.3938i	−0.1663−0.1848i	0.0845−0.0165i	0.0641−0.0216i	0.0301−0.0065i	0.2321−0.0812i
73.6	−0.1577+0.2253i	0.3616−0.1396i	0.4381+0.3396i	−0.1847−0.2400i	0.0885−0.0212i	0.0662−0.0242i	0.0328−0.0126i	0.2294−0.0817i
73.7	−0.2172+0.2752i	0.3326−0.1819i	0.3974+0.3463i	−0.2178−0.2656i	0.0891−0.0268i	0.0702−0.0275i	0.0323−0.0151i	0.2331−0.0954i
73.8	−0.1441+0.3141i	0.3525−0.1564i	0.3943+0.4270i	−0.1999−0.2323i	0.0904−0.0264i	0.0649−0.0270i	0.0341−0.0155i	0.2246−0.0961i
73.9	−0.1593+0.2656i	0.3694−0.1639i	0.4075+0.3992i	−0.1825−0.2474i	0.0881−0.0231i	0.0700−0.0284i	0.0308−0.0136i	0.2293−0.1039i
74.0	−0.1696+0.2733i	0.3745−0.1476i	0.4264+0.4176i	−0.1765−0.2687i	0.0869−0.0226i	0.0713−0.0270i	0.0373−0.0149i	0.2208−0.0894i
74.1	−0.1212+0.2931i	0.3946−0.1678i	0.4386+0.4211i	−0.1385−0.2906i	0.0898−0.0257i	0.0686−0.0243i	0.0504−0.0195i	0.2202−0.0911i
74.2	−0.1376+0.2682i	0.3996−0.2221i	0.4336+0.3898i	−0.1243−0.3204i	0.0965−0.0318i	0.0689−0.0281i	0.0448−0.0274i	0.2291−0.1027i
74.3	−0.1835+0.3049i	0.3832−0.2350i	0.4405+0.3903i	−0.1437−0.3304i	0.0913−0.0289i	0.0676−0.0296i	0.0419−0.0309i	0.2227−0.1091i
74.4	−0.1650+0.3235i	0.3817−0.2837i	0.4364+0.4171i	−0.1676−0.3765i	0.0910−0.0311i	0.0706−0.0275i	0.0432−0.0318i	0.2297−0.1139i
74.5	−0.1993+0.4077i	0.3209−0.2976i	0.3740+0.4783i	−0.2072−0.3583i	0.0872−0.0357i	0.0702−0.0343i	0.0435−0.0372i	0.2267−0.1259i
74.6	−0.2275+0.4098i	0.3379−0.2974i	0.3352+0.4908i	−0.2279−0.3388i	0.0864−0.0308i	0.0733−0.0336i	0.0505−0.0352i	0.2155−0.1134i
74.7	−0.1764+0.3692i	0.3555−0.2968i	0.3693+0.4874i	−0.1548−0.3445i	0.0925−0.0368i	0.0689−0.0323i	0.0492−0.0403i	0.2217−0.1168i
74.8	−0.2002+0.3671i	0.3820−0.3006i	0.3795+0.4722i	−0.1518−0.3566i	0.0927−0.0431i	0.0700−0.0333i	0.0501−0.0419i	0.2299−0.1211i
74.9	−0.2461+0.3862i	0.3804−0.3289i	0.3709+0.4583i	−0.1726−0.3717i	0.0888−0.0359i	0.0670−0.0338i	0.0469−0.0476i	0.2252−0.1112i

75.0	-0.2596+0.3734i	0.3490-0.3949i	0.3895+0.4366i	-0.2010-0.4339i	0.0896-0.0449i	0.0698-0.0382i	0.0460-0.0714i	0.2302-0.1172i
75.1	-0.2374+0.3955i	0.2982-0.4158i	0.3683+0.4553i	-0.2101-0.4612i	0.0926-0.0489i	0.0690-0.0407i	0.0457-0.0723i	0.2312-0.1285i
75.2	-0.2304+0.3991i	0.3019-0.4453i	0.3815+0.4544i	-0.2093-0.4800i	0.0949-0.0490i	0.0691-0.0422i	0.0455-0.0680i	0.2331-0.1347i
75.3	-0.1826+0.4363i	0.3157-0.4752i	0.4111+0.4901i	-0.2293-0.4530i	0.0884-0.0549i	0.0695-0.0434i	0.0395-0.0790i	0.2318-0.1399i
75.4	-0.1823+0.5223i	0.2257-0.4356i	0.4308+0.5012i	-0.2727-0.4147i	0.0814-0.0579i	0.0622-0.0473i	0.0257-0.0813i	0.2250-0.1420i
75.5	-0.1473+0.5852i	0.2403-0.4713i	0.4608+0.4947i	-0.2518-0.4399i	0.0832-0.0599i	0.0650-0.0466i	0.0185-0.0795i	0.2197-0.1554i
75.6	-0.1663+0.5958i	0.2509-0.5149i	0.4539+0.4953i	-0.2524-0.4600i	0.0866-0.0613i	0.0673-0.0476i	0.0160-0.0870i	0.2303-0.1603i
75.7	-0.1938+0.5700i	0.2307-0.5430i	0.4187+0.4787i	-0.2644-0.4492i	0.0863-0.0631i	0.0648-0.0503i	0.0093-0.0863i	0.2319-0.1561i
75.8	-0.1956+0.5664i	0.1884-0.5880i	0.3983+0.4673i	-0.3114-0.4403i	0.0866-0.0668i	0.0623-0.0502i	0.0021-0.0901i	0.2309-0.1670i
75.9	-0.1087+0.6238i	0.1241-0.6131i	0.4037+0.4857i	-0.3570-0.4313i	0.0799-0.0707i	0.0624-0.0557i	-0.0072-0.0886i	0.2261-0.1877i
76.0	-0.0656+0.6547i	0.0883-0.6372i	0.4848+0.4959i	-0.3602-0.4315i	0.0757-0.0717i	0.0602-0.0547i	-0.0067-0.0851i	0.2172-0.2039i
76.1	-0.0665+0.7151i	0.0517-0.6386i	0.4595+0.5082i	-0.3467-0.4330i	0.0753-0.0718i	0.0610-0.0535i	-0.0090-0.0862i	0.2104-0.2021i
76.2	0.0117+0.6623i	0.0439-0.5758i	0.4562+0.4578i	-0.3235-0.4338i	0.0697-0.0678i	0.0538-0.0558i	-0.0120-0.0801i	0.2016-0.1770i
76.3	0.0670+0.7025i	-0.0400-0.5941i	0.4556+0.4450i	-0.3854-0.4002i	0.0637-0.0707i	0.0479-0.0612i	-0.0339-0.0796i	0.1914-0.1961i
76.4	0.0915+0.6947i	-0.0527-0.6421i	0.4811+0.4288i	-0.3914-0.4389i	0.0620-0.0762i	0.0493-0.0609i	-0.0385-0.0823i	0.1857-0.2190i
76.5	0.0479+0.7200i	-0.0604-0.6357i	0.4392+0.4372i	-0.3920-0.4490i	0.0674-0.0780i	0.0536-0.0599i	-0.0296-0.0754i	0.1766-0.2141i
76.6	0.1108+0.7150i	-0.0911-0.6309i	0.4320+0.4505i	-0.4096-0.3965i	0.0686-0.0785i	0.0507-0.0564i	-0.0185-0.0672i	0.1665-0.2091i
76.7	0.1505+0.6831i	-0.1780-0.6297i	0.4586+0.4163i	-0.4185-0.3594i	0.0623-0.0795i	0.0480-0.0552i	-0.0262-0.0774i	0.1434-0.2082i
76.8	0.1536+0.6830i	-0.2117-0.6602i	0.4544+0.3669i	-0.3749-0.4051i	0.0622-0.0787i	0.0470-0.0565i	-0.0243-0.0878i	0.1553-0.2080i
76.9	0.1852+0.6809i	-0.2681-0.6420i	0.4381+0.3909i	-0.3769-0.3540i	0.0577-0.0800i	0.0475-0.0609i	-0.0239-0.0874i	0.1441-0.2129i
77.0	0.3102+0.6533i	-0.2841-0.5641i	0.4363+0.3941i	-0.3874-0.3383i	0.0546-0.0803i	0.0459-0.0632i	-0.0223-0.0784i	0.1211-0.2126i
77.1	0.3031+0.6327i	-0.3507-0.5961i	0.4311+0.4019i	-0.4003-0.3767i	0.0562-0.0808i	0.0483-0.0601i	-0.0292-0.0766i	0.1327-0.2167i
77.2	0.3018+0.5777i	-0.3583-0.5637i	0.4276+0.3748i	-0.3494-0.3825i	0.0555-0.0780i	0.0459-0.0579i	-0.0331-0.0775i	0.1282-0.1991i
77.3	0.3536+0.6129i	-0.4035-0.4732i	0.4507+0.4171i	-0.3935-0.3517i	0.0549-0.0754i	0.0495-0.0611i	-0.0356-0.0762i	0.1256-0.1998i
77.4	0.3933+0.5809i	-0.4360-0.4430i	0.4263+0.4088i	-0.3888-0.3116i	0.0458-0.0741i	0.0473-0.0615i	-0.0447-0.0789i	0.1219-0.1859i
77.5	0.4076+0.5284i	-0.4288-0.4112i	0.4372+0.4247i	-0.3692-0.3124i	0.0427-0.0771i	0.0400-0.0581i	-0.0515-0.0770i	0.1306-0.1828i
77.6	0.4348+0.5148i	-0.4820-0.3862i	0.4463+0.4103i	-0.3983-0.3384i	0.0443-0.0726i	0.0435-0.0577i	-0.0449-0.0858i	0.1242-0.1743i
77.7	0.4452+0.4906i	-0.4569-0.3973i	0.4204+0.3883i	-0.3948-0.3500i	0.0513-0.0741i	0.0493-0.0616i	-0.0479-0.0904i	0.1263-0.1714i
77.8	0.4297+0.4180i	-0.4536-0.3228i	0.4054+0.4289i	-0.4068-0.3072i	0.0462-0.0763i	0.0433-0.0609i	-0.0635-0.0845i	0.1365-0.1779i
77.9	0.4710+0.3981i	-0.4682-0.2493i	0.4170+0.4215i	-0.3948-0.2806i	0.0457-0.0809i	0.0411-0.0643i	-0.0714-0.0841i	0.1397-0.1809i
78.0	0.4726+0.3512i	-0.5279-0.2223i	0.4543+0.4182i	-0.3817-0.3425i	0.0432-0.0848i	0.0423-0.0742i	-0.0766-0.0966i	0.1312-0.1783i
78.1	0.4409+0.3666i	-0.5374-0.2185i	0.4639+0.4545i	-0.3986-0.3582i	0.0448-0.0827i	0.0394-0.0767i	-0.0787-0.0916i	0.1477-0.1826i
78.2	0.4272+0.3346i	-0.5254-0.1869i	0.4454+0.4437i	-0.4174-0.3556i	0.0464-0.0812i	0.0379-0.0717i	-0.0762-0.0917i	0.1412-0.1862i
78.3	0.4464+0.3004i	-0.4373-0.1448i	0.4380+0.4376i	-0.3630-0.3275i	0.0452-0.0891i	0.0392-0.0707i	-0.0769-0.0957i	0.1330-0.1844i
78.4	0.4654+0.2971i	-0.4819-0.1292i	0.4312+0.4517i	-0.3657-0.3205i	0.0390-0.0901i	0.0354-0.0773i	-0.0967-0.0983i	0.1387-0.1849i
78.5	0.4296+0.2856i	-0.4975-0.1501i	0.4084+0.4327i	-0.3999-0.3474i	0.0342-0.0913i	0.0376-0.0876i	-0.1009-0.1047i	0.1485-0.1892i
78.6	0.3714+0.2382i	-0.4689-0.1013i	0.4285+0.4490i	-0.4031-0.3615i	0.0309-0.0936i	0.0362-0.0873i	-0.1202-0.0944i	0.1614-0.2072i
78.7	0.4096+0.1858i	-0.4739-0.0016i	0.4425+0.4692i	-0.3762-0.3415i	0.0267-0.0946i	0.0282-0.0859i	-0.1324-0.0891i	0.1545-0.2139i
78.8	0.3804+0.1474i	-0.4575+0.0599i	0.4318+0.4523i	-0.3694-0.2913i	0.0226-0.0914i	0.0182-0.0879i	-0.1452-0.0805i	0.1380-0.2059i
78.9	0.3244+0.1316i	-0.3949+0.1094i	0.3942+0.4781i	-0.3500-0.2587i	0.0182-0.0852i	0.0177-0.0823i	-0.1474-0.0616i	0.1368-0.1997i
79.0	0.2800+0.2042i	-0.2886+0.0591i	0.4144+0.4725i	-0.3127-0.3363i	0.0265-0.0804i	0.0294-0.0718i	-0.1335-0.0541i	0.1597-0.1950i
79.1	0.3223+0.2147i	-0.3171-0.0338i	0.3908+0.4070i	-0.3373-0.3746i	0.0274-0.0883i	0.0254-0.0741i	-0.1231-0.0648i	0.1602-0.2194i
79.2	0.3429+0.1926i	-0.3509-0.0368i	0.3977+0.4160i	-0.2844-0.3642i	0.0227-0.0920i	0.0194-0.0825i	-0.1323-0.0617i	0.1550-0.2320i
79.3	0.3542+0.1963i	-0.3552-0.0506i	0.3935+0.4541i	-0.3245-0.3626i	0.0175-0.0921i	0.0169-0.0837i	-0.1501-0.0618i	0.1478-0.2391i
79.4	0.3030+0.1919i	-0.3410+0.0106i	0.4018+0.4953i	-0.3796-0.3746i	0.0115-0.0934i	0.0104-0.0861i	-0.1734-0.0493i	0.1408-0.2321i
79.5	0.3080+0.1425i	-0.3297-0.0156i	0.4387+0.4820i	-0.3633-0.4040i	0.0088-0.0861i	0.0066-0.0835i	-0.1749-0.0358i	0.1448-0.2290i
79.6	0.3267+0.1515i	-0.3828+0.0019i	0.4386+0.4586i	-0.3567-0.3861i	0.0087-0.0815i	0.0046-0.0790i	-0.1820-0.0277i	0.1325-0.2404i
79.7	0.2950+0.1753i	-0.3418+0.0361i	0.4503+0.4692i	-0.3593-0.3705i	0.0057-0.0800i	0.0044-0.0779i	-0.1820-0.0166i	0.1200-0.2432i
79.8	0.2768+0.1655i	-0.3441+0.0558i	0.4610+0.4928i	-0.3799-0.3886i	0.0033-0.0875i	0.0024-0.0760i	-0.1826-0.0041i	0.1214-0.2561i
79.9	0.2641+0.1151i	-0.3168+0.0667i	0.4330+0.5077i	-0.3630-0.3841i	-0.0004-0.0852i	-0.0011-0.0807i	-0.1901+0.0069i	0.1188-0.2637i
80.0	0.2716+0.0945i	-0.3060+0.0331i	0.4357+0.4889i	-0.3489-0.3926i	0.0006-0.0801i	-0.0052-0.0773i	-0.1853+0.0216i	0.1125-0.2639i

1.1.8 Run 2 – IP270-200 – SF and shaft bending gauges

In-plane shaking at 270° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0241+0.0000i	0.1028+0.0000i	-0.0501+0.0000i	0.0201+0.0000i	5.0608+0.0000i	0.9017+0.0000i	6.4053+0.0000i	-1.4189+0.0000i
0.1	-0.0013+0.0042i	0.0682+0.0048i	-0.0671+0.0032i	-0.0004+0.0033i	5.9236-0.1063i	-0.8212+0.3222i	6.5154-0.0524i	-1.8010+0.1167i
0.2	-0.2927+0.0141i	-0.2933+0.0089i	-0.2341+0.0046i	-0.2312+0.0009i	13.8258-0.4163i	-18.1872+1.4103i	6.6433-0.8626i	-5.1932+0.5855i
0.3	-0.2895+0.0067i	-0.2892+0.0043i	-0.2276+0.0000i	-0.2307+0.0078i	12.1881-0.4349i	-16.1311+1.7219i	4.8325-0.8775i	-3.7770+0.8814i
0.4	-0.2974+0.0143i	-0.2908-0.0017i	-0.2207+0.0085i	-0.2272+0.0131i	10.7736+1.0571i	-13.3745+0.4405i	3.1339+0.5196i	-1.7424-0.0038i
0.5	-0.2816+0.0142i	-0.3035-0.0007i	-0.2571+0.0016i	-0.2377-0.0001i	24.4756+3.2569i	-28.1544-0.2324i	17.6106+2.3901i	-13.6394-0.7716i
0.6	-0.2898+0.0132i	-0.3026+0.0117i	-0.2516+0.0059i	-0.2430+0.0011i	22.1476+1.1490i	-26.1085+0.8715i	15.0544+0.3206i	-11.8881+0.0542i
0.7	-0.2922+0.0093i	-0.3015+0.0111i	-0.2428+0.0045i	-0.2435+0.0021i	21.0701+0.6654i	-24.4556+0.9353i	13.6377-0.1565i	-10.6233+0.1161i
0.8	-0.2975+0.0104i	-0.3056+0.0114i	-0.2445+0.0069i	-0.2473+0.0031i	20.2143+0.3268i	-23.3528+1.1967i	12.5557-0.4699i	-9.8555+0.3149i
0.9	-0.3017+0.0124i	-0.3105+0.0126i	-0.2472+0.0073i	-0.2499+0.0044i	19.4901+0.6606i	-22.3592+0.5396i	11.6748+0.0349i	-9.1185-0.1588i
1.0	-0.3003+0.0176i	-0.3149+0.0136i	-0.2489+0.0083i	-0.2510+0.0067i	20.1168+1.5097i	-22.4062-0.4798i	12.1321+0.9938i	-9.2096-0.9728i
1.1	-0.3019+0.0084i	-0.3285+0.0236i	-0.2559+0.0101i	-0.2567+0.0078i	21.9148-0.5182i	-23.2770-0.3473i	13.5680-0.5232i	-10.0099-0.6706i
1.2	-0.3245+0.0015i	-0.3315+0.0340i	-0.2637+0.0114i	-0.2650+0.0089i	20.4417-1.7083i	-23.6377-0.8240i	12.5476-1.1346i	-10.0991-0.8889i
1.3	-0.3521+0.0203i	-0.3294+0.0287i	-0.2722+0.0161i	-0.2733+0.0132i	18.6038-0.8404i	-24.9214+0.0451i	11.6446-0.7207i	-10.8447-0.3651i
1.4	-0.3552+0.0357i	-0.3709+0.0281i	-0.2866+0.0217i	-0.2884+0.0179i	18.8306+0.5831i	-24.9611+1.4659i	11.7421-0.1602i	-10.8446+0.5249i
1.5	-0.3788+0.0394i	-0.4185+0.0763i	-0.3099+0.0391i	-0.3122+0.0350i	20.2559+0.4332i	-24.4020+1.9553i	12.3941-0.3468i	-10.4535+0.8243i
1.6	-0.4053+0.0630i	-0.4141+0.1167i	-0.3172+0.0602i	-0.3195+0.0560i	20.6067-0.1560i	-24.2170+2.1256i	12.5111-0.6938i	-10.3130+0.8960i
1.7	-0.3896+0.1665i	-0.3496+0.2002i	-0.2906+0.1220i	-0.2944+0.1176i	20.2387-1.3487i	-23.5639+2.9200i	12.1475-1.3924i	-9.9541+1.2601i
1.8	-0.2721+0.2106i	-0.2255+0.2081i	-0.2105+0.1397i	-0.2158+0.1357i	19.0762-1.7133i	-22.1205+3.1145i	11.3129-1.5648i	-9.2456+1.3649i
1.9	-0.1628+0.1623i	-0.1403+0.1431i	-0.1459+0.1023i	-0.1518+0.0999i	18.1788-1.2752i	-20.9927+2.4178i	10.7070-1.2373i	-8.6960+1.0414i
2.0	-0.1535+0.1272i	-0.1416+0.1058i	-0.1431+0.0785i	-0.1489+0.0763i	18.1645-0.9862i	-20.8983+1.9722i	10.6797-1.0272i	-8.6350+0.8329i
2.1	-0.1668+0.0906i	-0.1602+0.0732i	-0.1536+0.0557i	-0.1590+0.0537i	18.3834-0.7159i	-21.0102+1.5426i	10.8036-0.8353i	-8.6705+0.6329i
2.2	-0.1706+0.0665i	-0.1680+0.0519i	-0.1575+0.0408i	-0.1626+0.0387i	18.5728-0.7880i	-20.9953+1.0642i	10.8993-0.8310i	-8.6427+0.3694i
2.3	-0.1704+0.0594i	-0.1713+0.0447i	-0.1585+0.0361i	-0.1638+0.0339i	18.2866-1.0628i	-21.2404+0.7324i	10.7357-0.9486i	-8.7971+0.1659i
2.4	-0.1757+0.0535i	-0.1795+0.0398i	-0.1628+0.0325i	-0.1685+0.0306i	17.8614-0.6843i	-21.6733+0.9197i	10.5205-0.7335i	-9.0712+0.3100i
2.5	-0.1871+0.0490i	-0.1902+0.0367i	-0.1702+0.0298i	-0.1757+0.0283i	18.1636-0.3495i	-21.6725+1.0891i	10.6908-0.5566i	-9.0425+0.4401i
2.6	-0.1930+0.0419i	-0.1963+0.0309i	-0.1742+0.0255i	-0.1796+0.0242i	18.3600-0.2638i	-21.6724+1.0182i	10.7936-0.4925i	-9.0218+0.4138i
2.7	-0.1949+0.0381i	-0.1995+0.0277i	-0.1759+0.0232i	-0.1814+0.0220i	18.4662-0.2433i	-21.6925+0.9835i	10.8570-0.4810i	-9.0230+0.4065i
2.8	-0.1934+0.0289i	-0.1998+0.0215i	-0.1757+0.0181i	-0.1811+0.0170i	18.5140-0.1763i	-21.6773+0.8889i	10.8689-0.4375i	-9.0087+0.3678i
2.9	-0.1983+0.0262i	-0.2049+0.0196i	-0.1791+0.0166i	-0.1844+0.0155i	18.6133-0.1431i	-21.7423+0.8328i	10.9270-0.4075i	-9.0333+0.3426i
3.0	-0.1987+0.0308i	-0.2066+0.0220i	-0.1798+0.0190i	-0.1852+0.0178i	18.6907-0.1713i	-21.7625+0.8514i	10.9590-0.4144i	-9.0376+0.3525i
3.1	-0.2013+0.0295i	-0.2097+0.0213i	-0.1818+0.0184i	-0.1871+0.0172i	18.7679-0.1809i	-21.8401+0.8438i	11.0117-0.4138i	-9.0819+0.3511i
3.2	-0.2093+0.0285i	-0.2160+0.0208i	-0.1867+0.0179i	-0.1917+0.0169i	18.8899-0.1838i	-22.0028+0.8236i	11.1063-0.4134i	-9.1707+0.3437i
3.3	-0.2112+0.0377i	-0.2177+0.0266i	-0.1882+0.0229i	-0.1931+0.0217i	18.9378-0.2623i	-22.0619+0.9204i	11.1414-0.4723i	-9.1944+0.3987i
3.4	-0.1995+0.0409i	-0.2110+0.0280i	-0.1821+0.0246i	-0.1873+0.0235i	18.9332-0.2833i	-21.9694+0.9317i	11.1230-0.4707i	-9.1475+0.4034i
3.5	-0.1990+0.0292i	-0.2120+0.0204i	-0.1821+0.0182i	-0.1876+0.0170i	18.9977-0.1799i	-22.0044+0.7991i	11.1490-0.3884i	-9.1552+0.3400i
3.6	-0.1979+0.0283i	-0.2120+0.0204i	-0.1817+0.0178i	-0.1874+0.0169i	19.0644-0.1996i	-22.0676+0.7886i	11.2011-0.3993i	-9.1914+0.3327i
3.7	-0.2032+0.0222i	-0.2162+0.0164i	-0.1852+0.0143i	-0.1907+0.0137i	19.1857-0.1684i	-22.1845+0.6942i	11.2832-0.3729i	-9.2538+0.2853i
3.8	-0.2023+0.0136i	-0.2170+0.0107i	-0.1853+0.0096i	-0.1909+0.0089i	19.2642-0.1024i	-22.2308+0.6042i	11.3341-0.3345i	-9.2770+0.2399i
3.9	-0.2126+0.0133i	-0.2241+0.0105i	-0.1914+0.0097i	-0.1966+0.0088i	19.3937-0.0908i	-22.4088+0.6061i	11.4195-0.3291i	-9.3632+0.2511i
4.0	-0.2111+0.0145i	-0.2232+0.0118i	-0.1905+0.0106i	-0.1961+0.0097i	19.4554-0.1254i	-22.4666+0.6226i	11.4752-0.3436i	-9.3926+0.2672i
4.1	-0.2101+0.0104i	-0.2233+0.0088i	-0.1903+0.0080i	-0.1961+0.0074i	19.5150-0.0862i	-22.5224+0.5862i	11.5225-0.3111i	-9.4229+0.2508i
4.2	-0.2090+0.0143i	-0.2237+0.0112i	-0.1904+0.0104i	-0.1957+0.0094i	19.5883-0.0818i	-22.5771+0.6335i	11.5563-0.3048i	-9.4560+0.2778i
4.3	-0.2195+0.0105i	-0.2313+0.0088i	-0.1966+0.0079i	-0.2019+0.0075i	19.7661-0.0693i	-22.7859+0.5633i	11.6696-0.2925i	-9.5629+0.2318i
4.4	-0.2260+0.0093i	-0.2363+0.0081i	-0.2002+0.0071i	-0.2057+0.0067i	19.9445-0.1041i	-22.9200+0.5702i	11.7844-0.3197i	-9.6208+0.2402i
4.5	-0.2276+0.0078i	-0.2375+0.0069i	-0.2017+0.0071i	-0.2071+0.0061i	20.0347-0.0616i	-23.0355+0.5787i	11.8490-0.2996i	-9.6867+0.2601i
4.6	-0.2288+0.0064i	-0.2390+0.0062i	-0.2029+0.0066i	-0.2082+0.0054i	20.0840-0.0733i	-23.1380+0.5301i	11.9010-0.2881i	-9.7414+0.2331i
4.7	-0.2322+0.0043i	-0.2417+0.0049i	-0.2053+0.0054i	-0.2105+0.0044i	20.2200-0.0499i	-23.2805+0.4990i	11.9855-0.2600i	-9.8216+0.2222i
4.8	-0.2368+0.0075i	-0.2456+0.0071i	-0.2081+0.0069i	-0.2132+0.0062i	20.3465-0.0947i	-23.4436+0.5495i	12.0730-0.3132i	-9.9063+0.2453i
4.9	-0.2412+0.0088i	-0.2498+0.0082i	-0.2108+0.0072i	-0.2162+0.0073i	20.4963-0.1400i	-23.6098+0.5682i	12.2000-0.3558i	-9.9882+0.2536i
5.0	-0.2436+0.0092i	-0.2516+0.0078i	-0.2125+0.0073i	-0.2180+0.0065i	20.6555-0.1141i	-23.7581+0.5558i	12.3342-0.3305i	-10.0687+0.2514i
5.1	-0.2435+0.0099i	-0.2522+0.0086i	-0.2128+0.0080i	-0.2182+0.0072i	20.7489-0.1051i	-23.8320+0.5721i	12.4031-0.3257i	-10.1089+0.2649i
5.2	-0.2443+0.0098i	-0.2535+0.0088i	-0.2140+0.0084i	-0.2188+0.0074i	20.8619-0.1405i	-23.9537+0.5788i	12.4763-0.3301i	-10.1688+0.2708i
5.3	-0.2485+0.0084i	-0.2567+0.0078i	-0.2168+0.0082i	-0.2217+0.0066i	21.0485-0.1082i	-24.1094+0.5562i	12.5966-0.3069i	-10.2488+0.2608i
5.4	-0.2496+0.0100i	-0.2579+0.0093i	-0.2180+0.0094i	-0.2233+0.0075i	21.1767-0.1107i	-24.2277+0.6118i	12.6867-0.3176i	-10.3127+0.2967i
5.5	-0.2509+0.0129i	-0.2594+0.0117i	-0.2191+0.0108i	-0.2246+0.0099i	21.3129-0.1751i	-24.3698+0.6529i	12.7775-0.3631i	-10.3847+0.3114i
5.6	-0.2530+0.0115i	-0.2614+0.0111i	-0.2207+0.0097i	-0.2265+0.0091i	21.4684-0.1896i	-24.5390+0.5937i	12.8839-0.3543i	-10.4864+0.2762i

5.7	-0.2531+0.0113i	-0.2625+0.0108i	-0.2212+0.0089i	-0.2268+0.0088i	21.6320-0.1634i	-24.7026+0.5768i	13.0086-0.3504i	-10.5627+0.2687i
5.8	-0.2564+0.0106i	-0.2654+0.0104i	-0.2234+0.0089i	-0.2290+0.0086i	21.7781-0.1508i	-24.8637+0.6010i	13.1008-0.3488i	-10.6428+0.2839i
5.9	-0.2542+0.0123i	-0.2640+0.0125i	-0.2226+0.0108i	-0.2280+0.0100i	21.8904-0.1639i	-24.9725+0.6442i	13.1894-0.3557i	-10.7084+0.3156i
6.0	-0.2576+0.0142i	-0.2671+0.0130i	-0.2253+0.0114i	-0.2303+0.0105i	22.0779-0.1920i	-25.1448+0.6510i	13.3275-0.3678i	-10.8011+0.3112i
6.1	-0.2600+0.0135i	-0.2698+0.0120i	-0.2276+0.0111i	-0.2327+0.0100i	22.2788-0.2279i	-25.3533+0.6585i	13.4882-0.4010i	-10.9150+0.3191i
6.2	-0.2601+0.0119i	-0.2702+0.0113i	-0.2282+0.0104i	-0.2333+0.0098i	22.3867-0.2582i	-25.4770+0.6329i	13.5659-0.3986i	-10.9746+0.3089i
6.3	-0.2649+0.0083i	-0.2746+0.0077i	-0.2313+0.0078i	-0.2368+0.0072i	22.6562-0.2256i	-25.6730+0.5717i	13.7302-0.3856i	-11.0753+0.2737i
6.4	-0.2714+0.0070i	-0.2804+0.0071i	-0.2365+0.0073i	-0.2415+0.0064i	22.9232-0.2463i	-25.9623+0.5695i	13.9138-0.3878i	-11.2247+0.2796i
6.5	-0.2709+0.0087i	-0.2808+0.0085i	-0.2366+0.0083i	-0.2419+0.0074i	23.0374-0.2175i	-26.1082+0.5746i	14.0097-0.3973i	-11.2954+0.2783i
6.6	-0.2720+0.0062i	-0.2825+0.0063i	-0.2381+0.0071i	-0.2428+0.0060i	23.2989-0.1574i	-26.3163+0.5591i	14.2146-0.3592i	-11.4093+0.2797i
6.7	-0.2758+0.0030i	-0.2853+0.0041i	-0.2408+0.0050i	-0.2452+0.0038i	23.4923-0.1254i	-26.5217+0.5071i	14.3583-0.3343i	-11.5224+0.2536i
6.8	-0.2779+0.0054i	-0.2877+0.0063i	-0.2429+0.0067i	-0.2469+0.0057i	23.7448-0.2450i	-26.7109+0.5353i	14.5265-0.4086i	-11.6117+0.2537i
6.9	-0.2831+0.0081i	-0.2930+0.0090i	-0.2471+0.0093i	-0.2504+0.0073i	24.0638-0.4519i	-26.9555+0.5584i	14.7332-0.5389i	-11.7344+0.2479i
7.0	-0.2887+0.0072i	-0.2987+0.0073i	-0.2513+0.0088i	-0.2542+0.0060i	24.4272-0.4828i	-27.1985+0.4780i	15.0002-0.5499i	-11.8567+0.2034i
7.1	-0.2927+0.0070i	-0.3028+0.0072i	-0.2536+0.0104i	-0.2578+0.0050i	24.6860-0.6832i	-27.4949+0.3929i	15.1780-0.6761i	-12.0146+0.1354i
7.2	-0.2953+0.0079i	-0.3052+0.0080i	-0.2547+0.0120i	-0.2624+0.0053i	24.6393-0.8718i	-27.9927+0.2909i	15.1998-0.7922i	-12.3200+0.0618i
7.3	-0.2981+0.0079i	-0.3086+0.0081i	-0.2564+0.0110i	-0.2665+0.0059i	24.5825-0.7578i	-28.4120+0.3219i	15.2084-0.7082i	-12.5772+0.0886i
7.4	-0.3024+0.0070i	-0.3122+0.0074i	-0.2597+0.0092i	-0.2690+0.0064i	24.8972-0.5222i	-28.6461+0.4896i	15.4144-0.5716i	-12.6979+0.2066i
7.5	-0.3047+0.0085i	-0.3153+0.0084i	-0.2618+0.0093i	-0.2708+0.0076i	25.2414-0.5024i	-28.9069+0.5590i	15.6702-0.5693i	-12.8347+0.2473i
7.6	-0.3098+0.0084i	-0.3202+0.0087i	-0.2658+0.0091i	-0.2748+0.0075i	25.5802-0.5187i	-29.2728+0.5926i	15.9259-0.5889i	-13.0356+0.2787i
7.7	-0.3136+0.0087i	-0.3244+0.0092i	-0.2691+0.0102i	-0.2782+0.0081i	25.9385-0.5726i	-29.5506+0.6868i	16.1641-0.6251i	-13.1744+0.3432i
7.8	-0.3183+0.0089i	-0.3303+0.0098i	-0.2741+0.0100i	-0.2822+0.0089i	26.3904-0.5322i	-29.9525+0.7435i	16.4904-0.6226i	-13.3762+0.3748i
7.9	-0.3216+0.0098i	-0.3337+0.0109i	-0.2770+0.0105i	-0.2851+0.0093i	26.7444-0.6039i	-30.1146+0.7070i	16.7310-0.6711i	-13.4328+0.3536i
8.0	-0.3260+0.0105i	-0.3387+0.0112i	-0.2805+0.0113i	-0.2890+0.0099i	27.0851-0.6820i	-30.4850+0.7100i	16.9974-0.7221i	-13.6384+0.3521i
8.1	-0.3315+0.0109i	-0.3442+0.0111i	-0.2849+0.0111i	-0.2931+0.0101i	27.4374-0.7190i	-30.9249+0.7196i	17.2646-0.7791i	-13.8700+0.3575i
8.2	-0.3368+0.0120i	-0.3496+0.0122i	-0.2890+0.0116i	-0.2970+0.0104i	27.7748-0.7475i	-31.2684+0.7258i	17.4777-0.7972i	-14.0355+0.3538i
8.3	-0.3400+0.0135i	-0.3544+0.0135i	-0.2921+0.0131i	-0.3006+0.0115i	28.2637-0.8877i	-31.6849+0.7500i	17.8484-0.8736i	-14.2542+0.3582i
8.4	-0.3460+0.0109i	-0.3607+0.0121i	-0.2976+0.0117i	-0.3062+0.0105i	28.7309-0.8786i	-32.1976+0.7465i	18.2102-0.8719i	-14.5583+0.3685i
8.5	-0.3529+0.0103i	-0.3663+0.0123i	-0.3025+0.0115i	-0.3111+0.0107i	29.1852-0.9728i	-32.5756+0.8186i	18.5145-0.9553i	-14.7379+0.4263i
8.6	-0.3576+0.0130i	-0.3710+0.0146i	-0.3057+0.0139i	-0.3146+0.0124i	29.6670-1.1628i	-32.9214+0.9372i	18.8570-1.0648i	-14.8990+0.4835i
8.7	-0.3647+0.0151i	-0.3777+0.0171i	-0.3120+0.0157i	-0.3207+0.0147i	30.2465-1.2665i	-33.5463+1.0400i	19.2723-1.1518i	-15.2458+0.5467i
8.8	-0.3732+0.0168i	-0.3853+0.0186i	-0.3188+0.0163i	-0.3273+0.0162i	30.7138-1.4682i	-34.0415+1.1141i	19.6009-1.3131i	-15.4941+0.5921i
8.9	-0.3793+0.0177i	-0.3919+0.0192i	-0.3237+0.0175i	-0.3318+0.0166i	31.2343-1.6521i	-34.4790+1.1709i	19.9422-1.4926i	-15.6912+0.6218i
9.0	-0.3860+0.0213i	-0.4004+0.0215i	-0.3287+0.0202i	-0.3378+0.0195i	31.6365-2.0041i	-34.9312+1.3069i	20.2133-1.7353i	-15.8974+0.6699i
9.1	-0.3925+0.0234i	-0.4077+0.0232i	-0.3339+0.0213i	-0.3436+0.0209i	31.8501-2.0479i	-35.2939+1.2227i	20.3569-1.7450i	-16.0675+0.5977i
9.2	-0.4027+0.0256i	-0.4195+0.0262i	-0.3419+0.0226i	-0.3522+0.0225i	32.4882-2.0336i	-35.9564+0.9800i	20.8103-1.6821i	-16.4192+0.4062i
9.3	-0.4102+0.0272i	-0.4280+0.0283i	-0.3490+0.0236i	-0.3587+0.0242i	32.9842-2.1988i	-36.7634+0.8243i	21.1983-1.7540i	-16.8891+0.2810i
9.4	-0.4184+0.0304i	-0.4364+0.0315i	-0.3566+0.0255i	-0.3650+0.0260i	33.3691-2.3682i	-37.7376+0.7445i	21.5553-1.7932i	-17.4702+0.2093i
9.5	-0.4265+0.0325i	-0.4464+0.0347i	-0.3651+0.0269i	-0.3722+0.0275i	33.8391-2.1596i	-38.8383+0.9419i	21.9576-1.7157i	-18.1058+0.3287i
9.6	-0.4336+0.0328i	-0.4546+0.0374i	-0.3724+0.0284i	-0.3790+0.0289i	34.3890-1.9620i	-39.6963+1.1309i	22.4251-1.6272i	-18.5991+0.4629i
9.7	-0.4401+0.0392i	-0.4628+0.0436i	-0.3783+0.0338i	-0.3859+0.0329i	35.2277-2.0575i	-40.5250+1.4815i	23.0521-1.6675i	-19.0513+0.6779i
9.8	-0.4486+0.0441i	-0.4732+0.0500i	-0.3851+0.0386i	-0.3936+0.0365i	36.1803-2.1907i	-41.3122+1.7965i	23.7096-1.7746i	-19.4551+0.8620i
9.9	-0.4578+0.0452i	-0.4822+0.0538i	-0.3934+0.0402i	-0.4019+0.0385i	37.1962-2.2719i	-42.2185+2.0040i	24.4364-1.8792i	-19.9362+0.9794i
10.0	-0.4675+0.0503i	-0.4918+0.0604i	-0.4024+0.0450i	-0.4112+0.0438i	38.3579-2.5354i	-43.3081+2.2800i	25.3074-2.0709i	-20.5295+1.1308i
10.1	-0.4784+0.0538i	-0.5034+0.0659i	-0.4112+0.0488i	-0.4209+0.0478i	39.3986-2.7218i	-44.2190+2.5972i	26.0592-2.2645i	-21.0025+1.3227i
10.2	-0.4858+0.0572i	-0.5114+0.0720i	-0.4175+0.0520i	-0.4281+0.0503i	40.2844-2.9064i	-44.9335+2.7934i	26.6548-2.4363i	-21.3375+1.4189i
10.3	-0.4930+0.0633i	-0.5182+0.0808i	-0.4242+0.0578i	-0.4344+0.0557i	41.0545-3.3172i	-45.8603+2.9433i	27.2498-2.6725i	-21.8537+1.4565i
10.4	-0.5071+0.0656i	-0.5322+0.0858i	-0.4353+0.0598i	-0.4464+0.0587i	42.3491-3.5102i	-47.2126+3.0988i	28.2080-2.7764i	-22.5755+1.5332i
10.5	-0.5177+0.0671i	-0.5403+0.0898i	-0.4437+0.0622i	-0.4549+0.0612i	43.7162-3.6231i	-48.3381+3.3875i	29.1770-2.8943i	-23.1652+1.7066i
10.6	-0.5294+0.0723i	-0.5485+0.0970i	-0.4531+0.0671i	-0.4640+0.0661i	45.0470-3.9544i	-49.7261+3.8020i	30.2132-3.1768i	-23.9280+1.9362i
10.7	-0.5452+0.0774i	-0.5652+0.1044i	-0.4679+0.0733i	-0.4785+0.0715i	46.8201-4.3160i	-51.4420+4.2155i	31.5029-3.5084i	-24.8696+2.1801i
10.8	-0.5569+0.0843i	-0.5726+0.1130i	-0.4756+0.0799i	-0.4877+0.0777i	47.8756-5.3264i	-52.4616+5.0072i	32.2554-4.2698i	-25.3784+2.6561i
10.9	-0.5681+0.0879i	-0.5805+0.1121i	-0.4833+0.0819i	-0.4967+0.0796i	48.6697-5.3679i	-53.3759+5.2535i	32.8226-4.2969i	-25.7931+2.7899i
11.0	-0.5853+0.0913i	-0.6012+0.1147i	-0.5005+0.0843i	-0.5137+0.0822i	50.8246-5.2117i	-55.3462+5.3651i	34.3638-4.1568i	-26.8360+2.8199i
11.1	-0.6044+0.0854i	-0.6209+0.1115i	-0.5168+0.0802i	-0.5301+0.0792i	53.0930-5.5243i	-57.1812+5.1053i	35.9703-4.4013i	-27.7819+2.5966i
11.2	-0.6258+0.0904i	-0.6393+0.1172i	-0.5336+0.0847i	-0.5466+0.0837i	55.1094-6.1071i	-59.0327+5.5172i	37.4559-4.8257i	-28.7446+2.8032i
11.3	-0.6509+0.0920i	-0.6641+0.1194i	-0.5540+0.0878i	-0.5687+0.0859i	57.5267-6.5590i	-61.3234+5.9943i	39.2755-5.1769i	-29.9407+3.0811i
11.4	-0.6827+0.0969i	-0.6937+0.1240i	-0.5796+0.0921i	-0.5956+0.0900i	60.3326-7.0068i	-64.0526+6.3823i	41.3222-5.4781i	-31.4009+3.2705i
11.5	-0.7187+0.1009i	-0.7281+0.1291i	-0.6101+0.0965i	-0.6251+0.0945i	63.5103-7.6688i	-67.3646+6.8052i	43.6351-5.9413i	-33.1955+3.4807i
11.6	-0.7553+0.1051i	-0.7654+0.1339i	-0.6407+0.1015i	-0.6566+0.0991i	66.9944-8.2478i	-70.6184+7.3013i	46.1921-6.3989i	-34.9015+3.7650i
11.7	-0.8038+0.1182i	-0.8122+0.1475i	-0.6795+0.1120i	-0.6969+0.1107i	71.4915-9.7948i	-74.6832+8.2312i	49.4633-7.4888i	-37.0243+4.2379i
11.8	-0.8450+0.1361i	-0.8522+0.1633i	-0.7125+0.1274i	-0.7301+0.1262i	74.8524-11.6055i	-77.9604+9.6682i	51.8872-8.8040i	-38.7407+4.9938i
11.9	-0.9053+0.1645i	-0.9171+0.1909i	-0.7650+0.1518i	-0.7842+0.1491i	80.3457-13.7801i	-83.3396+11.9708i	55.8121-10.4842i	-41.5559+6.1919i

12.0	-0.9742+0.1782i	-0.9907+0.2052i	-0.8241+0.1623i	-0.8450+0.1596i	86.9874-14.6054i	-89.3511+12.9081i	60.6857-11.1429i	-44.6675+6.7035i
12.1	-1.0595+0.2177i	-1.0813+0.2464i	-0.8960+0.1963i	-0.9186+0.1938i	95.2569-17.7787i	-96.5021+16.0668i	66.7594-13.5545i	-48.3076+8.3914i
12.2	-1.1369+0.2695i	-1.1633+0.3024i	-0.9618+0.2407i	-0.9864+0.2387i	102.7346-22.7089i	-103.3623+20.0530i	72.1909-17.1563i	-51.8807+10.3919i
12.3	-1.2384+0.3184i	-1.2732+0.3604i	-1.0487+0.2843i	-1.0763+0.2833i	113.1342-26.7769i	-112.0689+23.8727i	79.6755-20.1401i	-56.3233+12.3799i
12.4	-1.3397+0.3847i	-1.3771+0.4400i	-1.1327+0.3440i	-1.1638+0.3439i	123.1320-32.2332i	-120.4572+28.9634i	86.8340-24.0862i	-60.5951+15.0310i
12.5	-1.4946+0.5786i	-1.5320+0.6555i	-1.2599+0.5128i	-1.2976+0.5141i	139.8364-50.0689i	-134.0822+44.1172i	98.8522-37.1534i	-67.5105+22.7723i
12.6	-1.6421+0.7672i	-1.6737+0.8667i	-1.3823+0.6742i	-1.4243+0.6794i	155.6771-66.9849i	-147.4851+58.1379i	110.1787-49.3973i	-74.3931+29.8762i
12.7	-1.7074+1.0102i	-1.7203+1.1313i	-1.4332+0.8828i	-1.4769+0.8928i	164.6687-90.6356i	-154.4363+77.4965i	116.4241-66.5831i	-77.8964+39.6966i
12.8	-1.7468+1.3511i	-1.7222+1.5003i	-1.4590+1.1759i	-1.5038+1.1921i	173.6820-124.2269i	-160.5783+104.5606i	122.5397-90.7073i	-80.8968+53.3500i
12.9	-1.6458+1.7394i	-1.5716+1.8914i	-1.3657+1.5026i	-1.4111+1.5283i	169.0008-166.8043i	-156.4377+137.2202i	119.0950-121.1301i	-78.8229+69.7058i
13.0	-1.5685+2.2843i	-1.4304+2.4202i	-1.2869+1.9599i	-1.3361+2.0001i	169.9279-229.4545i	-155.1274+183.9178i	119.3447-165.7868i	-78.0733+92.9333i
13.1	-1.3560+2.7027i	-1.1818+2.8058i	-1.0951+2.3107i	-1.1441+2.3580i	150.1447-281.6722i	-140.0319+221.7208i	104.8915-202.9492i	-70.5839+111.6097i
13.2	-0.5214+3.5088i	-0.2991+3.5312i	-0.3702+2.9766i	-0.4060+3.0461i	60.0755-385.0488i	-73.7278+295.3917i	40.2235-276.1983i	-37.8476+147.9404i
13.3	0.4889+3.5282i	0.6968+3.4754i	0.4861+2.9681i	0.4725+3.0454i	-57.9970-396.1761i	11.6923+300.7988i	-43.9975-283.2726i	4.2988+150.3602i
13.4	1.6399+2.4084i	1.7554+2.2949i	1.4336+1.9977i	1.4516+2.0579i	-203.7523-278.3356i	110.3781+210.4524i	-146.7959-198.5762i	52.1674+105.2572i
13.5	1.7803+1.7628i	1.8532+1.6462i	1.5397+1.4484i	1.5647+1.4951i	-228.3304-204.0860i	122.9540+157.0871i	-163.5854-145.4954i	57.7325+79.0160i
13.6	1.6350+1.1513i	1.6691+1.0550i	1.4015+0.9367i	1.4282+0.9685i	-219.1077-130.4698i	110.3220+106.7444i	-156.0833-93.3960i	50.7731+54.5556i
13.7	1.3579+0.7583i	1.3738+0.6833i	1.1607+0.6117i	1.1831+0.6334i	-195.1059-81.7094i	85.5180+75.1308i	-138.2121-59.1494i	37.5254+39.4412i
13.8	1.2062+0.6077i	1.2157+0.5418i	1.0307+0.4866i	1.0495+0.5043i	-181.7626-60.9300i	71.2767+63.7311i	-128.1494-44.7139i	29.8771+34.2968i
13.9	1.0815+0.4868i	1.0834+0.4256i	0.9234+0.3857i	0.9386+0.4002i	-173.2375-43.5477i	57.6513+55.2198i	-121.2582-32.7570i	22.1230+30.6574i
14.0	0.9052+0.3972i	0.9013+0.3459i	0.7726+0.3130i	0.7827+0.3248i	-159.5556-26.2929i	39.1430+51.2117i	-110.7455-21.2951i	11.8005+29.8377i
14.1	0.7491+0.3508i	0.7419+0.3107i	0.6405+0.2766i	0.6454+0.2878i	-149.2315-9.4417i	21.4398+54.3879i	-102.5213-10.8035i	1.6306+33.5413i
14.2	0.6576+0.3537i	0.6493+0.3197i	0.5644+0.2786i	0.5654+0.2924i	-144.0882+4.6476i	10.6101+63.7791i	-98.2440-2.5379i	-4.7034+40.9097i
14.3	0.5832+0.3718i	0.5735+0.3408i	0.5023+0.2925i	0.4996+0.3089i	-142.0440+19.7025i	0.1262+76.0863i	-95.9143+6.0928i	-11.1330+50.2037i
14.4	0.5285+0.4247i	0.5165+0.4010i	0.4548+0.3338i	0.4505+0.3578i	-130.0687+50.0536i	-0.6075+104.3131i	-88.0348+23.2031i	-10.3704+71.1511i
14.5	0.5308+0.4764i	0.5220+0.4624i	0.4521+0.3758i	0.4543+0.4073i	-97.1208+75.9201i	21.9847+129.8913i	-68.8632+37.6630i	7.2769+89.9969i
14.6	0.6029+0.4662i	0.6004+0.4599i	0.5061+0.3670i	0.5195+0.4022i	-53.7849+86.7165i	62.2913+136.2540i	-44.5010+44.0082i	37.1615+95.1254i
14.7	0.6496+0.3909i	0.6533+0.3835i	0.5413+0.3080i	0.5636+0.3357i	-20.0490+69.4851i	92.5970+112.8804i	-25.3683+35.0085i	59.7918+78.5898i
14.8	0.6624+0.2860i	0.6722+0.2757i	0.5518+0.2264i	0.5766+0.2436i	-4.3455+45.5726i	105.9261+81.5606i	-16.3475+22.2863i	69.8303+56.3703i
14.9	0.6126+0.2040i	0.6275+0.1814i	0.5143+0.1590i	0.5367+0.1685i	-2.8088+23.7303i	101.0641+54.7544i	-14.9313+10.5470i	66.9467+37.2126i
15.0	0.5737+0.1729i	0.5782+0.1377i	0.4797+0.1294i	0.4997+0.1362i	-5.2119+14.8538i	94.6208+43.0156i	-15.9374+5.8754i	62.6462+28.8635i
15.1	0.5236+0.1386i	0.5153+0.1158i	0.4349+0.1042i	0.4513+0.1094i	-8.4169+9.0303i	85.6863+31.9100i	-17.2327+3.1299i	56.7017+21.2010i
15.2	0.4747+0.0994i	0.4711+0.0809i	0.3972+0.0721i	0.4102+0.0774i	-10.5961+6.8645i	77.0605+23.0670i	-17.8968+2.4877i	51.0501+15.3690i
15.3	0.4332+0.0853i	0.4316+0.0667i	0.3637+0.0603i	0.3751+0.0653i	-11.6736+4.7541i	69.6427+18.5878i	-17.9226+1.5183i	46.2548+12.3101i
15.4	0.3896+0.0684i	0.3878+0.0500i	0.3276+0.0460i	0.3380+0.0506i	-10.6428+3.7878i	63.6556+14.6323i	-16.7606+1.2507i	42.5803+9.6976i
15.5	0.3566+0.0613i	0.3546+0.0441i	0.2998+0.0398i	0.3093+0.0453i	-10.6612+2.7209i	58.1306+12.4895i	-16.3044+0.7626i	39.0863+8.2265i
15.6	0.3352+0.0548i	0.3320+0.0384i	0.2805+0.0356i	0.2898+0.0407i	-11.4020+1.5542i	53.8324+10.6828i	-16.2973+0.2020i	36.2962+6.9735i
15.7	0.3159+0.0491i	0.3115+0.0320i	0.2635+0.0312i	0.2726+0.0357i	-11.5328+1.4292i	50.7231+9.7314i	-16.0858+0.1789i	34.3202+6.3627i
15.8	0.2884+0.0514i	0.2819+0.0340i	0.2397+0.0340i	0.2477+0.0372i	-11.0489+0.3228i	46.2093+8.8740i	-15.3902-0.4225i	31.5179+5.6845i
15.9	0.2739+0.0524i	0.2677+0.0369i	0.2268+0.0356i	0.2355+0.0390i	-10.9807-0.8952i	43.5162+8.2016i	-15.0689-1.1628i	29.8136+5.1256i
16.0	0.2418+0.0436i	0.2360+0.0269i	0.2018+0.0283i	0.2093+0.0313i	-9.8326-0.7394i	40.0608+7.1315i	-14.0485-0.9436i	27.7789+4.4709i
16.1	0.2219+0.0333i	0.2155+0.0167i	0.1848+0.0198i	0.1924+0.0232i	-9.2394-0.0475i	37.6405+6.7428i	-13.4512-0.5224i	26.3158+4.3097i
16.2	0.2092+0.0268i	0.2026+0.0121i	0.1741+0.0154i	0.1810+0.0189i	-9.1198+0.2876i	35.9609+6.6470i	-13.2469-0.3979i	25.2688+4.2912i
16.3	0.1888+0.0316i	0.1836+0.0151i	0.1586+0.0193i	0.1643+0.0227i	-8.1507-0.4391i	33.9901+6.8822i	-12.5409-0.8834i	24.1289+4.3578i
16.4	0.1697+0.0286i	0.1644+0.0114i	0.1418+0.0174i	0.1481+0.0209i	-7.2686-1.0078i	32.3064+6.5552i	-11.8567-1.1613i	23.1691+4.1047i
16.5	0.1504+0.0239i	0.1438+0.0068i	0.1273+0.0128i	0.1331+0.0162i	-6.8977-0.7305i	31.2283+6.1354i	-11.6099-0.9967i	22.5560+3.8772i
16.6	0.1353+0.0240i	0.1299+0.0074i	0.1171+0.0129i	0.1231+0.0166i	-6.7856-0.6653i	30.1042+5.8249i	-11.4582-0.9368i	21.8927+3.6755i
16.7	0.1195+0.0159i	0.1126-0.0008i	0.1038+0.0071i	0.1100+0.0099i	-6.2815-0.0929i	29.1156+4.8927i	-11.0720-0.4924i	21.3458+3.1484i
16.8	0.0945+0.0277i	0.0871+0.0091i	0.0840+0.0155i	0.0898+0.0170i	-5.0092-0.9351i	27.3291+4.4806i	-10.1348-0.9551i	20.3987+2.7794i
16.9	0.0855+0.0237i	0.0771+0.0037i	0.0766+0.0115i	0.0807+0.0128i	-4.7575-0.8175i	26.1022+4.0184i	-9.9082-0.8251i	19.6469+2.5004i
17.0	0.0724+0.0233i	0.0613+0.0034i	0.0650+0.0105i	0.0688+0.0124i	-4.3002-0.5534i	24.6291+3.6394i	-9.5198-0.5478i	18.7687+2.2898i
17.1	0.0568+0.0291i	0.0446+0.0110i	0.0520+0.0158i	0.0563+0.0180i	-3.7660-0.7893i	23.4089+3.4989i	-9.1066-0.7098i	18.0784+2.1499i
17.2	0.0493+0.0310i	0.0365+0.0117i	0.0455+0.0161i	0.0504+0.0181i	-3.4675-0.8559i	22.9558+3.0341i	-8.8872-0.6984i	17.8273+1.8342i
17.3	0.0212+0.0337i	0.0081+0.0138i	0.0227+0.0181i	0.0271+0.0202i	-1.7426-0.7920i	21.0767+2.6890i	-7.6865-0.6004i	16.8659+1.6057i
17.4	0.0087+0.0330i	-0.0056+0.0123i	0.0130+0.0169i	0.0168+0.0191i	-1.3119-0.5571i	20.1125+2.5292i	-7.3561-0.4452i	16.3260+1.5343i
17.5	-0.0066+0.0308i	-0.0215+0.0102i	0.0014+0.0157i	0.0048+0.0175i	-0.5651-0.4058i	19.0416+2.4577i	-6.8218-0.3343i	15.7622+1.5043i
17.6	-0.0358+0.0357i	-0.0536+0.0134i	-0.0226+0.0186i	-0.0193+0.0204i	1.2079-0.3791i	17.5358+2.1044i	-5.6501-0.2829i	15.0689+1.2647i
17.7	-0.0553+0.0604i	-0.0740+0.0375i	-0.0390+0.0364i	-0.0359+0.0382i	2.4979-1.8078i	16.0641+2.6556i	-4.7654-1.1422i	14.3011+1.3980i
17.8	-0.0543+0.0456i	-0.0734+0.0214i	-0.0383+0.0250i	-0.0351+0.0263i	1.8174-0.8883i	16.0891+2.0217i	-5.2235-0.5588i	14.2381+1.1294i
17.9	-0.0722+0.0661i	-0.0944+0.0429i	-0.0543+0.0403i	-0.0518+0.0420i	3.3418-1.8688i	14.6300+2.2332i	-4.2576-1.1054i	13.5030+1.1023i
18.0	-0.1011+0.0872i	-0.1239+0.0642i	-0.0771+0.0565i	-0.0744+0.0569i	5.1209-2.7521i	13.0143+2.4584i	-3.0739-1.5675i	12.7207+1.1085i
18.1	-0.1176+0.0835i	-0.1427+0.0595i	-0.0904+0.0530i	-0.0870+0.0537i	5.9653-2.3409i	12.1529+2.1817i	-2.5027-1.3130i	12.3120+0.9823i
18.2	-0.1470+0.0742i	-0.1753+0.0502i	-0.1146+0.0457i	-0.1113+0.0467i	7.6518-1.4270i	10.8756+1.6143i	-1.5051-0.7295i	11.7513+0.7266i

18.3	-0.1660+0.0753i	-0.1963+0.0490i	-0.1301+0.0443i	-0.1261+0.0452i	8.4016-1.0180i	10.1579+1.2438i	-1.0142-0.4671i	11.4210+0.5254i
18.4	-0.1639+0.0841i	-0.1936+0.0579i	-0.1271+0.0508i	-0.1240+0.0512i	7.6779-1.8135i	10.1578+1.4838i	-1.4409-0.9391i	11.3217+0.5786i
18.5	-0.1864+0.1559i	-0.2213+0.1346i	-0.1457+0.1084i	-0.1434+0.1079i	9.7310-6.0601i	8.3952+3.5423i	-0.1129-3.5349i	10.4664+1.2327i
18.6	-0.2508+0.1591i	-0.2921+0.1331i	-0.1972+0.1077i	-0.1965+0.1075i	13.1729-4.8230i	6.0291+2.3664i	1.9611-2.5913i	9.5071+0.6122i
18.7	-0.2531+0.1632i	-0.2966+0.1367i	-0.2002+0.1085i	-0.2001+0.1100i	13.2093-4.5615i	5.4913+2.3119i	1.9879-2.3773i	9.1718+0.5978i
18.8	-0.2465+0.1681i	-0.2925+0.1399i	-0.1961+0.1110i	-0.1948+0.1134i	12.5730-4.8979i	5.4670+2.7883i	1.6161-2.6020i	9.0660+0.8727i
18.9	-0.2568+0.1994i	-0.3073+0.1724i	-0.2059+0.1360i	-0.2040+0.1378i	13.4695-6.6096i	4.6193+3.7525i	2.2234-3.6338i	8.6613+1.2295i
19.0	-0.3188+0.2850i	-0.3824+0.2615i	-0.2590+0.2018i	-0.2577+0.2030i	18.2725-10.5766i	1.3527+5.7362i	5.2113-5.9277i	7.2779+1.8477i
19.1	-0.3617+0.3002i	-0.4326+0.2759i	-0.2950+0.2113i	-0.2933+0.2122i	20.5850-10.7938i	-0.1357+5.6923i	6.6225-5.9447i	6.7105+1.7770i
19.2	-0.3936+0.3410i	-0.4715+0.3183i	-0.3214+0.2422i	-0.3188+0.2428i	22.1892-12.3478i	-1.0556+6.6219i	7.4939-6.8798i	6.3768+2.0805i
19.3	-0.4377+0.4630i	-0.5319+0.4458i	-0.3621+0.3349i	-0.3594+0.3348i	25.6571-17.9642i	-3.2846+9.4782i	9.6007-10.1039i	5.4865+2.9892i
19.4	-0.4075+0.5797i	-0.5129+0.5774i	-0.3449+0.4276i	-0.3420+0.4271i	25.3675-24.1320i	-3.4123+12.5575i	9.4827-13.6422i	5.3171+3.9857i
19.5	-0.2676+0.8509i	-0.3889+0.8922i	-0.2497+0.6492i	-0.2486+0.6484i	21.8141-39.9273i	-2.4468+20.9157i	7.7142-22.9087i	5.2616+6.8419i
19.6	-0.2477+0.9187i	-0.3758+0.9700i	-0.2389+0.7031i	-0.2396+0.7010i	21.6954-42.6811i	-2.7701+22.1156i	7.7523-24.3691i	5.0279+7.1094i
19.7	0.0700+0.9196i	-0.0241+1.0041i	0.0123+0.7205i	0.0088+0.7191i	5.3307-47.1633i	5.3932+25.0259i	-1.7656-27.1688i	7.5976+8.3880i
19.8	0.3898+0.9664i	0.3294+1.0968i	0.2624+0.7765i	0.2572+0.7790i	-9.7896-54.3529i	12.7289+29.7334i	-10.2801-31.6228i	9.7878+10.3726i
19.9	0.4153+1.0559i	0.3477+1.2056i	0.2750+0.8472i	0.2698+0.8507i	-8.7624-57.7013i	11.8136+31.3950i	-9.5276-33.3764i	9.2716+10.7929i
20.0	0.6399+0.8646i	0.6208+1.0163i	0.4620+0.7082i	0.4608+0.7140i	-22.5850-51.0669i	19.4522+28.3289i	-17.5717-29.6892i	11.9923+10.0059i
20.1	0.8027+0.7656i	0.8183+0.9265i	0.5933+0.6400i	0.5943+0.6458i	-30.9046-47.9710i	23.9382+26.8651i	-22.3075-27.9920i	13.4917+9.5957i
20.2	0.8513+0.7528i	0.8773+0.9157i	0.6310+0.6310i	0.6324+0.6361i	-31.9582-47.2348i	24.2174+26.1798i	-22.7547-27.4649i	13.4116+9.2351i
20.3	0.8387+0.6260i	0.8800+0.7705i	0.6276+0.5300i	0.6292+0.5328i	-32.4788-40.5581i	24.2063+22.3776i	-22.9684-23.5520i	13.3555+7.8651i
20.4	0.8472+0.5064i	0.9071+0.6370i	0.6412+0.4370i	0.6403+0.4400i	-33.5470-34.9285i	24.4201+19.3547i	-23.5328-20.3363i	13.3038+6.8554i
20.5	0.8876+0.4009i	0.9685+0.5210i	0.6788+0.3564i	0.6785+0.3617i	-36.0024-31.0888i	25.5368+17.4839i	-24.9063-18.1811i	13.5715+6.3455i
20.6	0.9081+0.2231i	1.0100+0.3164i	0.7028+0.2185i	0.7043+0.2229i	-38.6244-23.9700i	26.7906+14.0186i	-26.4083-14.3034i	13.9568+5.3776i
20.7	0.7727+0.1739i	0.8610+0.2441i	0.5985+0.1718i	0.5993+0.1752i	-32.9474-19.8756i	23.7536+11.8272i	-23.2649-11.8775i	12.9951+4.6114i
20.8	0.7267+0.1159i	0.8144+0.1714i	0.5636+0.1234i	0.5634+0.1266i	-30.8482-16.9354i	22.4174+10.4079i	-22.0092-10.2420i	12.4788+4.1707i
20.9	0.6774+0.0860i	0.7584+0.1288i	0.5243+0.0959i	0.5240+0.0998i	-28.7536-15.1837i	21.1941+9.5388i	-20.7719-9.2337i	12.0711+3.8779i
21.0	0.6062+0.0145i	0.6835+0.0387i	0.4726+0.0361i	0.4735+0.0410i	-26.8409-11.6827i	20.3289+7.7012i	-19.8091-7.2534i	11.8645+3.3116i
21.1	0.5612-0.0277i	0.6348-0.0146i	0.4384+0.0020i	0.4405+0.0074i	-25.1557-9.7882i	19.4365+6.7938i	-18.8871-6.2115i	11.5940+3.0637i
21.2	0.5069-0.0377i	0.5697-0.0318i	0.3956-0.0068i	0.3972-0.0019i	-22.9157-8.9810i	18.1072+6.3765i	-17.5997-5.7447i	11.1470+2.9127i
21.3	0.4933-0.0247i	0.5544-0.0175i	0.3840+0.0040i	0.3842+0.0076i	-21.6833-9.5376i	17.2182+6.5688i	-16.7624-5.9813i	10.7689+2.9338i
21.4	0.4457-0.1048i	0.5003-0.1173i	0.3493-0.0606i	0.3501-0.0568i	-21.5951-6.9921i	17.4084+5.5493i	-16.8776-4.6975i	10.9479+2.7721i
21.5	0.4346-0.1271i	0.4851-0.1502i	0.3406-0.0788i	0.3432-0.0740i	-21.3900-6.9194i	17.2371+5.7253i	-16.7449-4.7112i	10.8690+2.9315i
21.6	0.4072-0.1139i	0.4504-0.1348i	0.3177-0.0683i	0.3214-0.0644i	-20.1141-7.3193i	16.4591+5.7662i	-16.0050-4.8294i	10.6010+2.8779i
21.7	0.3707-0.1222i	0.4043-0.1425i	0.2888-0.0754i	0.2917-0.0714i	-19.2563-6.3204i	16.0582+5.2166i	-15.5741-4.2753i	10.5105+2.6874i
21.8	0.3228-0.1132i	0.3461-0.1312i	0.2521-0.0704i	0.2542-0.0667i	-18.1231-5.4880i	15.5555+4.6388i	-15.0020-3.7614i	10.4222+2.4130i
21.9	0.3163-0.1028i	0.3341-0.1168i	0.2463-0.0612i	0.2481-0.0581i	-17.7808-5.8875i	15.2929+4.7499i	-14.7872-3.9181i	10.3043+2.4187i
22.0	0.2993-0.1080i	0.3111-0.1175i	0.2324-0.0654i	0.2333-0.0617i	-17.1320-5.1090i	14.9210+4.2283i	-14.4398-3.4592i	10.1933+2.2078i
22.1	0.2659-0.1101i	0.2736-0.1177i	0.2056-0.0676i	0.2068-0.0648i	-15.9636-4.2872i	14.2751+3.7401i	-13.7938-2.9745i	10.0173+2.0123i
22.2	0.2503-0.1101i	0.2490-0.1164i	0.1937-0.0669i	0.1952-0.0642i	-16.2707-4.3483i	14.4474+3.7776i	-13.9663-3.0173i	10.0942+2.0146i
22.3	0.2304-0.1142i	0.2278-0.1176i	0.1797-0.0697i	0.1816-0.0669i	-15.7738-3.9040i	14.2209+3.4793i	-13.7530-2.7699i	10.0234+1.8950i
22.4	0.2072-0.1146i	0.2057-0.1147i	0.1627-0.0698i	0.1647-0.0674i	-15.1432-3.4815i	13.8313+3.2587i	-13.4091-2.5358i	9.9059+1.8035i
22.5	0.2016-0.1074i	0.2017-0.1087i	0.1584-0.0647i	0.1592-0.0614i	-14.5467-3.9642i	13.3532+3.4763i	-13.0075-2.7631i	9.7106+1.8622i
22.6	0.2052-0.1284i	0.2050-0.1247i	0.1607-0.0766i	0.1626-0.0731i	-14.5224-4.0475i	13.2700+3.6250i	-12.9332-2.8584i	9.6352+1.9768i
22.7	0.1870-0.1268i	0.1840-0.1189i	0.1472-0.0753i	0.1516-0.0720i	-14.4431-3.5921i	13.2454+3.3259i	-12.9300-2.5648i	9.6301+1.8565i
22.8	0.1561-0.1298i	0.1539-0.1202i	0.1254-0.0772i	0.1303-0.0750i	-13.7646-3.0692i	12.9072+2.8482i	-12.6095-2.2174i	9.5739+1.6609i
22.9	0.1529-0.1508i	0.1530-0.1376i	0.1242-0.0899i	0.1283-0.0874i	-13.5047-2.9869i	12.6141+2.8771i	-12.3829-2.2452i	9.4390+1.7118i
23.0	0.1497-0.1477i	0.1509-0.1331i	0.1216-0.0871i	0.1248-0.0842i	-13.1338-3.2873i	12.2270+3.0909i	-12.1189-2.4347i	9.2602+1.7808i
23.1	0.1021-0.1341i	0.1080-0.1233i	0.0916-0.0806i	0.0948-0.0777i	-12.8374-3.0522i	12.2035+2.8694i	-12.0765-2.2434i	9.3456+1.6418i
23.2	0.0887-0.1286i	0.0952-0.1134i	0.0837-0.0771i	0.0873-0.0752i	-13.0191-2.5789i	12.2526+2.5040i	-12.1401-1.9624i	9.3763+1.4702i
23.3	0.0788-0.0898i	0.0824-0.0751i	0.0749-0.0531i	0.0791-0.0518i	-12.5752-2.0575i	11.9457+1.9533i	-11.9063-1.5643i	9.2601+1.1514i
23.4	0.0688-0.0819i	0.0750-0.0664i	0.0683-0.0468i	0.0718-0.0463i	-12.0695-2.0833i	11.7082+1.9284i	-11.7028-1.5267i	9.1660+1.1257i
23.5	0.0590-0.0749i	0.0658-0.0597i	0.0616-0.0425i	0.0640-0.0421i	-11.7189-2.0530i	11.4788+1.8840i	-11.5075-1.4641i	9.0830+1.0882i
23.6	0.0583-0.0612i	0.0659-0.0449i	0.0613-0.0324i	0.0626-0.0305i	-11.2857-2.1296i	11.0481+1.9252i	-11.1930-1.5040i	8.8704+1.0756i
23.7	0.0585-0.0510i	0.0674-0.0330i	0.0607-0.0257i	0.0626-0.0240i	-11.1865-2.0737i	10.8566+1.8197i	-11.0913-1.4237i	8.7830+1.0109i
23.8	0.0577-0.0352i	0.0643-0.0184i	0.0576-0.0158i	0.0601-0.0153i	-10.7956-2.0690i	10.5870+1.7265i	-10.8672-1.3758i	8.6714+0.9283i
23.9	0.0516-0.0341i	0.0618-0.0170i	0.0538-0.0164i	0.0562-0.0159i	-10.5724-1.4578i	10.4392+1.3097i	-10.7590-1.0409i	8.6182+0.7574i
24.0	0.0493-0.0322i	0.0618-0.0163i	0.0531-0.0153i	0.0546-0.0151i	-10.3548-1.2708i	10.2651+1.2384i	-10.6644-0.9450i	8.5273+0.7182i
24.1	0.0473-0.0229i	0.0590-0.0078i	0.0498-0.0086i	0.0521-0.0086i	-10.0248-1.4839i	10.0586+1.3415i	-10.4604-1.0546i	8.4513+0.7348i
24.2	0.0445-0.0301i	0.0578-0.0129i	0.0479-0.0141i	0.0500-0.0130i	-9.8254-1.2990i	9.8761+1.2319i	-10.3465-0.9500i	8.3761+0.7172i
24.3	0.0504-0.0258i	0.0655-0.0093i	0.0524-0.0110i	0.0541-0.0113i	-9.6352-1.2703i	9.6120+1.1881i	-10.1914-0.8868i	8.2336+0.6881i
24.4	0.0490-0.0181i	0.0627-0.0031i	0.0505-0.0070i	0.0515-0.0075i	-9.3709-1.3249i	9.3739+1.1486i	-10.0188-0.8849i	8.1291+0.6434i
24.5	0.0432-0.0177i	0.0591-0.0037i	0.0469-0.0075i	0.0477-0.0077i	-9.2164-1.1813i	9.2067+1.0544i	-9.9307-0.8141i	8.0744+0.6084i

24.6	0.0440-0.0169i	0.0609-0.0038i	0.0457-0.0065i	0.0474-0.0059i	-8.9997-1.2486i	9.0258+1.1574i	-9.7850-0.8723i	7.9900+0.6440i
24.7	0.0445-0.0227i	0.0612-0.0107i	0.0458-0.0125i	0.0476-0.0112i	-9.0533-1.0664i	8.9980+1.0746i	-9.7920-0.7987i	7.9658+0.6522i
24.8	0.0381-0.0211i	0.0558-0.0099i	0.0419-0.0114i	0.0430-0.0104i	-8.7427-1.0256i	8.7664+0.9477i	-9.6302-0.7260i	7.8822+0.5693i
24.9	0.0369-0.0188i	0.0568-0.0084i	0.0411-0.0090i	0.0425-0.0094i	-8.6739-0.9765i	8.7061+0.9457i	-9.5563-0.7225i	7.8689+0.5454i
25.0	0.0356-0.0118i	0.0537-0.0002i	0.0394-0.0024i	0.0407-0.0032i	-8.2003-1.0917i	8.3509+0.9367i	-9.2969-0.7061i	7.7178+0.4981i
25.1	0.0338-0.0080i	0.0513+0.0007i	0.0369-0.0006i	0.0390-0.0012i	-8.0705-1.0978i	8.2113+0.8573i	-9.2067-0.6438i	7.6503+0.4476i
25.2	0.0282-0.0134i	0.0467-0.0054i	0.0338-0.0052i	0.0359-0.0061i	-7.9210-0.8580i	8.1843+0.8243i	-9.1843-0.5836i	7.6527+0.4634i
25.3	0.0275-0.0140i	0.0465-0.0061i	0.0331-0.0061i	0.0357-0.0063i	-7.8134-0.8472i	8.1361+0.8758i	-9.1587-0.6039i	7.6156+0.4940i
25.4	0.0231-0.0156i	0.0422-0.0100i	0.0291-0.0085i	0.0319-0.0089i	-7.7676-0.8023i	8.0776+0.7773i	-9.1244-0.5367i	7.6057+0.4496i
25.5	0.0197-0.0109i	0.0346-0.0053i	0.0248-0.0041i	0.0275-0.0046i	-7.5232-0.8355i	7.8215+0.7277i	-8.9336-0.5460i	7.5197+0.3977i
25.6	0.0190-0.0146i	0.0349-0.0099i	0.0255-0.0071i	0.0269-0.0081i	-7.4748-0.5618i	7.7407+0.6648i	-8.8702-0.5009i	7.4783+0.3921i
25.7	0.0144-0.0159i	0.0315-0.0121i	0.0237-0.0083i	0.0241-0.0096i	-7.5024-0.4885i	7.7371+0.6202i	-8.8789-0.4762i	7.4877+0.3858i
25.8	0.0112-0.0106i	0.0282-0.0059i	0.0204-0.0057i	0.0221-0.0058i	-7.3090-0.6304i	7.5834+0.6310i	-8.8153-0.4860i	7.4223+0.3550i
25.9	0.0042-0.0068i	0.0207-0.0016i	0.0140-0.0030i	0.0154-0.0019i	-7.0631-0.5790i	7.4522+0.5640i	-8.7364-0.4181i	7.3965+0.3088i
26.0	0.0067-0.0021i	0.0215+0.0063i	0.0152+0.0013i	0.0167+0.0016i	-6.9473-0.8341i	7.2422+0.5916i	-8.5963-0.4400i	7.2812+0.2813i
26.1	0.0064-0.0075i	0.0217-0.0008i	0.0157-0.0024i	0.0178-0.0032i	-6.9003-0.7816i	7.2647+0.5901i	-8.5827-0.4194i	7.2645+0.3208i
26.2	0.0036-0.0088i	0.0215-0.0030i	0.0140-0.0035i	0.0152-0.0030i	-6.8987-0.6388i	7.2098+0.5585i	-8.6115-0.3936i	7.2244+0.3132i
26.3	-0.0009-0.0068i	0.0171-0.0030i	0.0109-0.0029i	0.0109-0.0033i	-6.9781-0.5530i	7.1095+0.4936i	-8.5816-0.3561i	7.2026+0.2818i
26.4	-0.0117-0.0046i	0.0015+0.0006i	0.0008-0.0014i	0.0008-0.0026i	-6.6587-0.3896i	6.9902+0.2860i	-8.5107-0.2423i	7.2278+0.1683i
26.5	-0.0156-0.0005i	-0.0031+0.0031i	-0.0021+0.0006i	-0.0019+0.0005i	-6.6225-0.4973i	6.9282+0.2970i	-8.4738-0.2413i	7.2102+0.1555i
26.6	-0.0206+0.0058i	-0.0062+0.0087i	-0.0063+0.0054i	-0.0042+0.0054i	-6.4416-0.4485i	6.8070+0.2778i	-8.3777-0.2034i	7.1777+0.1317i
26.7	-0.0161+0.0066i	0.0007+0.0109i	-0.0019+0.0070i	-0.0012+0.0066i	-6.3925-0.6066i	6.7024+0.3522i	-8.2705-0.2449i	7.0803+0.1531i
26.8	-0.0229+0.0038i	-0.0076+0.0069i	-0.0055+0.0046i	-0.0071+0.0041i	-6.2581-0.3552i	6.7540+0.2501i	-8.3119-0.1926i	7.1295+0.1180i
26.9	-0.0349+0.0127i	-0.0214+0.0187i	-0.0167+0.0105i	-0.0162+0.0106i	-6.0922-0.0980i	6.7120-0.0720i	-8.3099+0.0138i	7.1750-0.0753i
27.0	-0.0440+0.0188i	-0.0309+0.0245i	-0.0241+0.0153i	-0.0232+0.0157i	-6.0625+0.1186i	6.6105-0.2442i	-8.2850+0.1735i	7.1871-0.1876i
27.1	-0.0401+0.0222i	-0.0270+0.0297i	-0.0208+0.0192i	-0.0199+0.0190i	-5.9536+0.0280i	6.4546-0.1945i	-8.1636+0.1599i	7.0786-0.1678i
27.2	-0.0477+0.0297i	-0.0328+0.0365i	-0.0259+0.0221i	-0.0239+0.0228i	-5.9814+0.2580i	6.4133-0.3783i	-8.2033+0.2648i	7.0779-0.2718i
27.3	-0.0347+0.0343i	-0.0184+0.0388i	-0.0157+0.0259i	-0.0143+0.0252i	-5.8698-0.0681i	6.1457-0.2039i	-7.9814+0.1689i	6.8864-0.2178i
27.4	-0.0376+0.0347i	-0.0206+0.0401i	-0.0173+0.0270i	-0.0168+0.0254i	-5.8678+0.0691i	6.1887-0.2711i	-7.9871+0.2215i	6.9144-0.2547i
27.5	-0.0407+0.0490i	-0.0241+0.0542i	-0.0212+0.0360i	-0.0193+0.0354i	-5.5242+0.2543i	5.9531-0.4994i	-7.8576+0.4154i	6.8078-0.4153i
27.6	-0.0455+0.0637i	-0.0287+0.0662i	-0.0240+0.0443i	-0.0234+0.0450i	-5.3340+0.4341i	5.7512-0.8338i	-7.7886+0.6403i	6.7486-0.6401i
27.7	-0.0523+0.0670i	-0.0359+0.0685i	-0.0279+0.0446i	-0.0281+0.0470i	-5.3730+0.5463i	5.8452-1.0073i	-7.8660+0.7096i	6.8409-0.7391i
27.8	-0.0481+0.0638i	-0.0310+0.0662i	-0.0246+0.0438i	-0.0246+0.0439i	-5.4010+0.5719i	5.8952-0.9602i	-7.8244+0.6597i	6.8427-0.7245i
27.9	-0.0429+0.0750i	-0.0262+0.0773i	-0.0222+0.0507i	-0.0230+0.0510i	-5.2015+0.8058i	5.6312-1.2215i	-7.6804+0.8431i	6.6988-0.8586i
28.0	-0.0255+0.0798i	-0.0112+0.0818i	-0.0115+0.0542i	-0.0115+0.0554i	-4.8276+0.8138i	5.1797-1.1909i	-7.3885+0.8574i	6.4158-0.8624i
28.1	-0.0147+0.0662i	-0.0002+0.0675i	-0.0033+0.0455i	-0.0034+0.0464i	-4.8185+0.6082i	5.1400-0.8526i	-7.2930+0.6406i	6.3453-0.6481i
28.2	-0.0014+0.0635i	0.0135+0.0643i	0.0061+0.0432i	0.0048+0.0439i	-4.5440+0.4045i	4.7683-0.6770i	-7.0277+0.5329i	6.1013-0.5521i
28.3	-0.0048+0.0648i	0.0099+0.0652i	0.0026+0.0436i	0.0023+0.0426i	-4.3218+0.6126i	4.7000-0.8823i	-6.9860+0.6443i	6.1056-0.6597i
28.4	-0.0010+0.0581i	0.0152+0.0609i	0.0048+0.0416i	0.0045+0.0394i	-4.1656+0.5501i	4.4935-0.7745i	-6.8557+0.5741i	6.0021-0.5927i
28.5	-0.0029+0.0517i	0.0137+0.0555i	0.0048+0.0366i	0.0047+0.0364i	-4.1753+0.4790i	4.3980-0.6973i	-6.8134+0.4962i	5.9493-0.5143i
28.6	-0.0037+0.0483i	0.0126+0.0510i	0.0039+0.0339i	0.0026+0.0344i	-4.2208+0.4088i	4.3157-0.6339i	-6.7771+0.4338i	5.9059-0.4747i
28.7	-0.0056+0.0457i	0.0108+0.0498i	0.0018+0.0336i	0.0010+0.0335i	-3.9499+0.4684i	4.1555-0.6886i	-6.7104+0.4870i	5.8364-0.5161i
28.8	-0.0102+0.0380i	0.0069+0.0424i	-0.0010+0.0275i	-0.0001+0.0284i	-3.8848+0.2053i	4.1595-0.4380i	-6.7428+0.3487i	5.8565-0.3744i
28.9	-0.0130+0.0349i	0.0052+0.0381i	-0.0022+0.0259i	-0.0019+0.0257i	-3.9148+0.1257i	4.1891-0.3412i	-6.7611+0.2906i	5.8808-0.3050i
29.0	-0.0167+0.0326i	0.0018+0.0356i	-0.0046+0.0240i	-0.0059+0.0239i	-3.7923+0.0560i	4.0744-0.4180i	-6.6797+0.3131i	5.8551-0.3402i
29.1	-0.0161+0.0322i	0.0000+0.0357i	-0.0059+0.0237i	-0.0062+0.0245i	-3.7517+0.0664i	3.8809-0.3379i	-6.6061+0.2452i	5.7713-0.3112i
29.2	-0.0209+0.0300i	-0.0051+0.0359i	-0.0100+0.0230i	-0.0098+0.0233i	-3.7272+0.1611i	3.9271-0.3050i	-6.6495+0.2546i	5.8051-0.2876i
29.3	-0.0277+0.0315i	-0.0089+0.0346i	-0.0134+0.0239i	-0.0144+0.0241i	-3.7720+0.1434i	3.9379-0.2977i	-6.6583+0.2505i	5.8409-0.2740i
29.4	-0.0327+0.0318i	-0.0133+0.0363i	-0.0154+0.0232i	-0.0174+0.0236i	-3.8056+0.2134i	3.8783-0.3166i	-6.6607+0.2486i	5.8199-0.2930i
29.5	-0.0406+0.0321i	-0.0206+0.0337i	-0.0207+0.0221i	-0.0219+0.0211i	-3.8001+0.2789i	4.0495-0.3690i	-6.7523+0.2946i	5.9347-0.3004i
29.6	-0.0436+0.0301i	-0.0225+0.0338i	-0.0231+0.0222i	-0.0241+0.0213i	-3.7851+0.1050i	3.9202-0.2730i	-6.7032+0.2422i	5.8866-0.2645i
29.7	-0.0462+0.0333i	-0.0261+0.0380i	-0.0258+0.0240i	-0.0263+0.0252i	-3.6937+0.0798i	3.8412-0.1904i	-6.6877+0.2303i	5.8658-0.2369i
29.8	-0.0530+0.0350i	-0.0305+0.0376i	-0.0298+0.0250i	-0.0303+0.0255i	-3.4974+0.0681i	3.7793-0.2131i	-6.6341+0.2339i	5.8522-0.2597i
29.9	-0.0588+0.0347i	-0.0328+0.0376i	-0.0323+0.0249i	-0.0338+0.0249i	-3.4993+0.1062i	3.8308-0.2679i	-6.6347+0.3063i	5.8987-0.2578i
30.0	-0.0652+0.0361i	-0.0388+0.0392i	-0.0374+0.0271i	-0.0379+0.0258i	-3.5464+0.1957i	3.7897-0.2590i	-6.6794+0.3031i	5.8971-0.2491i
30.1	-0.0722+0.0385i	-0.0448+0.0402i	-0.0422+0.0271i	-0.0424+0.0279i	-3.5012+0.2567i	3.8135-0.3367i	-6.6983+0.3125i	5.9285-0.3132i
30.2	-0.0784+0.0381i	-0.0489+0.0403i	-0.0446+0.0273i	-0.0468+0.0279i	-3.5308+0.3368i	3.8435-0.3762i	-6.7445+0.3259i	5.9680-0.3417i
30.3	-0.0894+0.0419i	-0.0574+0.0427i	-0.0509+0.0300i	-0.0522+0.0289i	-3.4672+0.3783i	3.8465-0.5268i	-6.7850+0.4299i	6.0184-0.4181i
30.4	-0.0983+0.0500i	-0.0630+0.0484i	-0.0568+0.0341i	-0.0560+0.0317i	-3.4358+0.3739i	3.7635-0.5903i	-6.7509+0.4558i	6.0255-0.4727i
30.5	-0.1061+0.0517i	-0.0685+0.0479i	-0.0618+0.0348i	-0.0614+0.0334i	-3.4976+0.2929i	3.8232-0.5624i	-6.7888+0.4211i	6.0615-0.4559i
30.6	-0.1106+0.0570i	-0.0721+0.0517i	-0.0657+0.0393i	-0.0650+0.0368i	-3.4571+0.3603i	3.8652-0.5543i	-6.8300+0.4646i	6.1058-0.4716i
30.7	-0.1182+0.0699i	-0.0768+0.0592i	-0.0690+0.0465i	-0.0697+0.0430i	-3.4715+0.3716i	3.8494-0.6161i	-6.8300+0.5246i	6.1174-0.5438i
30.8	-0.1228+0.0786i	-0.0806+0.0627i	-0.0715+0.0496i	-0.0732+0.0483i	-3.5185+0.4686i	3.8570-0.6843i	-6.8434+0.5717i	6.1380-0.6027i

30.9	-0.1321+0.0831i	-0.0875+0.0658i	-0.0767+0.0511i	-0.0781+0.0515i	-3.5347+0.5081i	3.8562-0.8019i	-6.9135+0.6233i	6.1842-0.6578i
31.0	-0.1394+0.1014i	-0.0928+0.0778i	-0.0803+0.0614i	-0.0824+0.0619i	-3.4610+0.6115i	3.8005-0.9677i	-6.9431+0.7431i	6.1828-0.7939i
31.1	-0.1456+0.1177i	-0.0962+0.0882i	-0.0827+0.0698i	-0.0871+0.0703i	-3.4561+0.6709i	3.7835-1.0220i	-6.9727+0.8086i	6.2133-0.8704i
31.2	-0.1550+0.1356i	-0.1039+0.0987i	-0.0893+0.0801i	-0.0934+0.0798i	-3.4377+0.7678i	3.7617-1.2111i	-7.0284+0.9150i	6.2610-1.0068i
31.3	-0.1520+0.1558i	-0.1027+0.1108i	-0.0880+0.0897i	-0.0927+0.0912i	-3.3468+0.9249i	3.8358-1.3565i	-7.0046+1.0499i	6.3020-1.1572i
31.4	-0.1538+0.1726i	-0.1058+0.1207i	-0.0907+0.0988i	-0.0939+0.0992i	-3.3056+1.0710i	3.7947-1.4848i	-7.0160+1.1878i	6.2819-1.2684i
31.5	-0.1511+0.1997i	-0.1055+0.1357i	-0.0888+0.1130i	-0.0926+0.1134i	-3.3682+1.2348i	3.7039-1.7390i	-7.0157+1.3751i	6.2245-1.4553i
31.6	-0.1337+0.2253i	-0.0992+0.1505i	-0.0821+0.1262i	-0.0853+0.1273i	-3.2237+1.3973i	3.5350-1.8618i	-6.9426+1.5204i	6.1343-1.5798i
31.7	-0.1037+0.2437i	-0.0871+0.1571i	-0.0699+0.1344i	-0.0706+0.1362i	-3.1156+1.5104i	3.2997-1.9405i	-6.7891+1.6222i	5.9896-1.6533i
31.8	-0.0758+0.2551i	-0.0762+0.1649i	-0.0566+0.1410i	-0.0579+0.1414i	-2.9351+1.5487i	3.0562-2.0807i	-6.6465+1.7487i	5.8259-1.7624i
31.9	-0.0576+0.2569i	-0.0682+0.1702i	-0.0466+0.1437i	-0.0490+0.1456i	-2.8272+1.7179i	2.9282-2.2396i	-6.5632+1.8249i	5.7329-1.8541i
32.0	-0.0419+0.2544i	-0.0614+0.1739i	-0.0402+0.1432i	-0.0422+0.1462i	-2.8044+1.7933i	2.7688-2.3184i	-6.5074+1.9118i	5.6701-1.9184i
32.1	-0.0330+0.2482i	-0.0606+0.1727i	-0.0387+0.1416i	-0.0412+0.1436i	-2.7132+1.9237i	2.6718-2.4372i	-6.4786+1.9900i	5.6441-2.0164i
32.2	-0.0169+0.2516i	-0.0563+0.1804i	-0.0324+0.1462i	-0.0334+0.1478i	-2.4969+1.9491i	2.4362-2.5342i	-6.3584+2.1032i	5.5064-2.1207i
32.3	-0.0069+0.2540i	-0.0501+0.1873i	-0.0264+0.1502i	-0.0263+0.1512i	-2.3008+2.0916i	2.2572-2.5992i	-6.2584+2.2257i	5.3932-2.1964i
32.4	0.0229+0.2520i	-0.0322+0.1907i	-0.0101+0.1513i	-0.0114+0.1531i	-2.0017+2.1139i	1.9834-2.5960i	-6.0380+2.3124i	5.1790-2.2535i
32.5	0.0414+0.2402i	-0.0204+0.1871i	-0.0001+0.1470i	-0.0008+0.1474i	-1.8606+2.1258i	1.8366-2.6182i	-5.8887+2.3601i	5.0725-2.2842i
32.6	0.0554+0.2272i	-0.0120+0.1822i	0.0068+0.1409i	0.0064+0.1417i	-1.7324+2.0469i	1.6448-2.6429i	-5.7498+2.3665i	4.9344-2.2918i
32.7	0.0647+0.2147i	-0.0065+0.1810i	0.0119+0.1357i	0.0115+0.1365i	-1.4315+2.0481i	1.2320-2.6350i	-5.5195+2.4198i	4.6829-2.3204i
32.8	0.0701+0.1911i	0.0030+0.1746i	0.0189+0.1274i	0.0159+0.1266i	-1.2291+1.8983i	1.0519-2.2627i	-5.3416+2.3185i	4.5359-2.1414i
32.9	0.0740+0.1828i	0.0045+0.1675i	0.0213+0.1214i	0.0166+0.1222i	-1.0359+1.7563i	0.9479-2.0515i	-5.1792+2.2496i	4.4548-2.0465i
33.0	0.0825+0.1613i	0.0106+0.1582i	0.0271+0.1103i	0.0227+0.1143i	-1.0030+1.5479i	0.9856-1.8279i	-5.0680+2.0501i	4.3990-1.8841i
33.1	0.0863+0.1490i	0.0116+0.1540i	0.0276+0.1053i	0.0237+0.1101i	-0.8327+1.4859i	0.7309-1.7504i	-4.9250+1.9528i	4.2108-1.8450i
33.2	0.0747+0.1460i	0.0059+0.1478i	0.0216+0.1009i	0.0170+0.1072i	-0.8606+1.3582i	0.7448-1.8202i	-4.9546+1.9455i	4.2216-1.8678i
33.3	0.0672+0.1425i	0.0050+0.1493i	0.0183+0.0993i	0.0165+0.1060i	-0.8763+1.3227i	0.4408-1.8715i	-4.8944+1.9057i	4.0775-1.8783i
33.4	0.0676+0.1343i	0.0091+0.1508i	0.0184+0.0977i	0.0194+0.1048i	-0.8121+1.3206i	0.1861-1.6864i	-4.8059+1.8176i	3.9202-1.7629i
33.5	0.0626+0.1269i	0.0061+0.1463i	0.0140+0.0932i	0.0166+0.1014i	-0.8765+1.1717i	0.4282-1.6000i	-4.8872+1.7369i	4.0281-1.6963i
33.6	0.0513+0.1214i	-0.0024+0.1429i	0.0074+0.0901i	0.0100+0.0988i	-0.8372+1.1054i	0.5767-1.6835i	-5.0175+1.7694i	4.1577-1.7689i
33.7	0.0479+0.1139i	-0.0089+0.1430i	0.0033+0.0876i	0.0067+0.0955i	-0.9378+0.8342i	0.6234-1.4028i	-5.1310+1.7350i	4.2012-1.6679i
33.8	0.0427+0.1130i	-0.0139+0.1484i	-0.0018+0.0877i	0.0022+0.0963i	-0.9967+0.9579i	0.6239-1.3573i	-5.2013+1.8398i	4.2129-1.7252i
33.9	0.0383+0.1147i	-0.0156+0.1591i	-0.0028+0.0938i	0.0026+0.1022i	-1.0198+1.2206i	0.5897-1.3070i	-5.1394+2.0077i	4.1231-1.8130i
34.0	0.0279+0.1178i	-0.0117+0.1634i	-0.0031+0.0976i	0.0044+0.1035i	-1.0334+1.1365i	0.7303-1.4462i	-4.9915+2.1189i	3.9987-1.8956i
34.1	0.0271+0.1188i	-0.0066+0.1613i	-0.0033+0.0972i	0.0057+0.1026i	-1.0514+1.0934i	0.6645-1.4099i	-4.8726+2.1137i	3.8347-1.8166i
34.2	0.0270+0.1177i	-0.0063+0.1571i	-0.0027+0.0956i	0.0060+0.0992i	-1.0572+1.1989i	0.6250-1.3587i	-4.6872+2.0098i	3.7079-1.6300i
34.3	0.0253+0.1149i	-0.0044+0.1552i	-0.0016+0.0958i	0.0081+0.0968i	-0.9628+1.1980i	0.5837-1.2444i	-4.5446+1.8889i	3.6038-1.4431i
34.4	0.0196+0.1154i	-0.0088+0.1578i	-0.0061+0.0978i	0.0032+0.0970i	-0.9510+1.2405i	0.5499-1.3837i	-4.5859+1.8089i	3.6390-1.3555i
34.5	0.0164+0.1130i	-0.0139+0.1607i	-0.0082+0.0988i	-0.0010+0.0961i	-0.9347+1.2494i	0.5906-1.2850i	-4.6393+1.7306i	3.7568-1.2188i
34.6	0.0088+0.1149i	-0.0170+0.1643i	-0.0127+0.1011i	-0.0043+0.0972i	-0.8378+1.4043i	0.5175-1.3136i	-4.6361+1.7549i	3.7604-1.1992i
34.7	0.0057+0.1220i	-0.0262+0.1703i	-0.0157+0.1061i	-0.0098+0.0996i	-0.8498+1.4936i	0.4092-1.4064i	-4.6884+1.7565i	3.7981-1.1548i
34.8	-0.0002+0.1269i	-0.0291+0.1758i	-0.0180+0.1088i	-0.0136+0.1028i	-0.7461+1.4406i	0.4937-1.4478i	-4.7193+1.7856i	3.9302-1.1534i
34.9	-0.0043+0.1334i	-0.0234+0.1847i	-0.0163+0.1133i	-0.0152+0.1077i	-0.7652+1.5211i	0.5709-1.4589i	-4.7102+1.8469i	3.9955-1.1674i
35.0	-0.0053+0.1410i	-0.0218+0.1934i	-0.0176+0.1202i	-0.0149+0.1141i	-0.6646+1.6218i	0.4591-1.4625i	-4.6740+1.9141i	3.9839-1.1781i
35.1	-0.0042+0.1528i	-0.0103+0.2126i	-0.0133+0.1311i	-0.0117+0.1254i	-0.6485+1.7950i	0.3613-1.6830i	-4.5826+2.0785i	3.9944-1.3008i
35.2	0.0019+0.1572i	0.0009+0.2253i	-0.0059+0.1378i	-0.0067+0.1315i	-0.4866+1.8573i	0.2334-1.7052i	-4.4679+2.1300i	3.9631-1.3390i
35.3	0.0064+0.1641i	0.0174+0.2288i	0.0007+0.1412i	0.0020+0.1354i	-0.2047+1.9284i	0.1276-1.7834i	-4.3310+2.1390i	3.9155-1.3882i
35.4	0.0202+0.1685i	0.0320+0.2245i	0.0093+0.1397i	0.0109+0.1358i	-0.1835+1.8196i	-0.0017-1.8297i	-4.1967+2.1124i	3.8330-1.4212i
35.5	0.0312+0.1726i	0.0407+0.2221i	0.0168+0.1382i	0.0155+0.1345i	-0.0412+1.8060i	-0.1522-1.8780i	-4.0790+2.0908i	3.7756-1.4586i
35.6	0.0354+0.1704i	0.0506+0.2161i	0.0204+0.1363i	0.0211+0.1298i	0.1229+1.7553i	-0.2352-1.7471i	-4.0036+2.0246i	3.7120-1.3818i
35.7	0.0427+0.1647i	0.0631+0.2041i	0.0272+0.1324i	0.0287+0.1247i	0.2681+1.5855i	-0.3423-1.6971i	-3.9308+1.9100i	3.6803-1.3773i
35.8	0.0506+0.1570i	0.0650+0.1938i	0.0308+0.1243i	0.0313+0.1194i	0.1881+1.6061i	-0.4444-1.6775i	-3.9123+1.8181i	3.6494-1.3614i
35.9	0.0511+0.1485i	0.0664+0.1846i	0.0326+0.1189i	0.0316+0.1135i	0.2086+1.6005i	-0.4586-1.4890i	-3.9069+1.7489i	3.6369-1.2000i
36.0	0.0520+0.1390i	0.0673+0.1819i	0.0346+0.1150i	0.0317+0.1112i	0.2498+1.4736i	-0.5175-1.4470i	-3.8950+1.6750i	3.6203-1.1512i
36.1	0.0548+0.1311i	0.0650+0.1784i	0.0349+0.1103i	0.0311+0.1061i	0.3248+1.4474i	-0.6714-1.3130i	-3.8878+1.5970i	3.5414-1.0883i
36.2	0.0503+0.1273i	0.0539+0.1691i	0.0291+0.1061i	0.0251+0.1020i	0.3568+1.3798i	-0.5152-1.3478i	-3.9431+1.5747i	3.6524-1.0764i
36.3	0.0420+0.1280i	0.0468+0.1655i	0.0235+0.1051i	0.0202+0.1020i	0.3887+1.3141i	-0.3843-1.3701i	-3.9909+1.5587i	3.7540-1.1069i
36.4	0.0361+0.1246i	0.0462+0.1635i	0.0211+0.1050i	0.0169+0.1004i	0.4073+1.3333i	-0.2973-1.2573i	-4.0606+1.5561i	3.8197-1.0373i
36.5	0.0323+0.1250i	0.0442+0.1695i	0.0193+0.1068i	0.0145+0.1023i	0.4416+1.4037i	-0.3927-1.2586i	-4.0489+1.5564i	3.8069-1.0493i
36.6	0.0293+0.1333i	0.0419+0.1799i	0.0179+0.1129i	0.0127+0.1090i	0.5180+1.4014i	-0.4627-1.3863i	-4.0264+1.6391i	3.8331-1.1593i
36.7	0.0300+0.1442i	0.0466+0.1850i	0.0195+0.1169i	0.0142+0.1151i	0.5964+1.4608i	-0.5260-1.4002i	-3.9473+1.6716i	3.8402-1.2303i
36.8	0.0341+0.1519i	0.0528+0.1876i	0.0213+0.1202i	0.0171+0.1206i	0.5481+1.3888i	-0.5799-1.5139i	-3.9329+1.7147i	3.8111-1.3346i
36.9	0.0430+0.1526i	0.0647+0.1929i	0.0289+0.1216i	0.0240+0.1236i	0.5257+1.3618i	-0.7151-1.6216i	-3.8795+1.7087i	3.6790-1.4035i
37.0	0.0522+0.1516i	0.0692+0.1982i	0.0339+0.1225i	0.0305+0.1237i	0.6209+1.4393i	-0.8172-1.6274i	-3.8000+1.6926i	3.6136-1.4371i
37.1	0.0660+0.1469i	0.0752+0.1908i	0.0386+0.1180i	0.0382+0.1209i	0.8632+1.3317i	-0.8849-1.5167i	-3.7042+1.6201i	3.5701-1.3708i

37.2	0.0727+0.1440i	0.0805+0.1844i	0.0426+0.1158i	0.0419+0.1181i	0.9425+1.2549i	-1.0584-1.6504i	-3.6531+1.6319i	3.4710-1.4028i
37.3	0.0682+0.1373i	0.0842+0.1850i	0.0427+0.1140i	0.0421+0.1158i	1.0356+1.2725i	-1.1775-1.6606i	-3.6530+1.6209i	3.4119-1.4021i
37.4	0.0653+0.1245i	0.0881+0.1821i	0.0446+0.1087i	0.0427+0.1093i	1.0289+1.2798i	-1.1247-1.5883i	-3.6732+1.5643i	3.4053-1.3140i
37.5	0.0754+0.1061i	0.0933+0.1844i	0.0480+0.1039i	0.0478+0.1034i	0.9711+1.1216i	-1.2113-1.3528i	-3.6521+1.4708i	3.3590-1.2090i
37.6	0.0558+0.1059i	0.1047+0.1839i	0.0453+0.1040i	0.0462+0.1051i	1.0846+1.1374i	-1.2367-1.3248i	-3.6416+1.4949i	3.3870-1.2068i
37.7	0.0519+0.1014i	0.1012+0.1782i	0.0427+0.0999i	0.0427+0.1007i	1.1335+1.0107i	-1.2022-1.3851i	-3.6605+1.4548i	3.4326-1.2095i
37.8	0.0510+0.0984i	0.1015+0.1766i	0.0433+0.0983i	0.0412+0.0983i	1.1126+1.0914i	-1.3691-1.4166i	-3.6387+1.4259i	3.3463-1.1968i
37.9	0.0427+0.0949i	0.1054+0.1769i	0.0420+0.0961i	0.0412+0.0979i	1.1970+1.2499i	-1.4955-1.3692i	-3.6457+1.4170i	3.2797-1.1693i
38.0	0.0262+0.0991i	0.1103+0.1736i	0.0365+0.0955i	0.0373+0.0982i	1.1842+1.2406i	-1.3575-1.3526i	-3.6723+1.4226i	3.3859-1.1482i
38.1	0.0296+0.0969i	0.1047+0.1748i	0.0366+0.0945i	0.0372+0.0970i	1.2136+1.1990i	-1.3070-1.3593i	-3.6765+1.4449i	3.4268-1.1614i
38.2	0.0250+0.1033i	0.1122+0.1661i	0.0371+0.0962i	0.0380+0.0959i	1.1015+1.1201i	-1.3675-1.3937i	-3.7007+1.4828i	3.3720-1.1406i
38.3	0.0209+0.1146i	0.1210+0.1522i	0.0372+0.0964i	0.0389+0.0949i	1.0896+1.1407i	-1.4540-1.2188i	-3.6679+1.4806i	3.3402-1.0429i
38.4	0.0236+0.1198i	0.1244+0.1473i	0.0392+0.0964i	0.0414+0.0951i	1.1858+1.1776i	-1.6876-1.1757i	-3.5532+1.4787i	3.2399-1.0053i
38.5	0.0281+0.1227i	0.1306+0.1430i	0.0433+0.0955i	0.0457+0.0946i	1.2674+1.2544i	-1.6617-1.1908i	-3.5317+1.5113i	3.2279-0.9920i
38.6	0.0330+0.1324i	0.1252+0.1321i	0.0444+0.0957i	0.0451+0.0937i	1.3680+1.2878i	-1.6572-1.1751i	-3.4980+1.5244i	3.2750-0.9989i
38.7	0.0352+0.1394i	0.1214+0.1183i	0.0454+0.0925i	0.0446+0.0914i	1.4889+1.2498i	-1.5852-1.1307i	-3.4765+1.4806i	3.3188-0.9567i
38.8	0.0369+0.1364i	0.1189+0.1194i	0.0464+0.0910i	0.0448+0.0917i	1.5404+1.2466i	-1.7162-1.2073i	-3.4356+1.4678i	3.3063-0.9795i
38.9	0.0403+0.1324i	0.1141+0.1150i	0.0445+0.0889i	0.0445+0.0908i	1.4538+1.2595i	-1.6718-1.1831i	-3.4049+1.4506i	3.3460-0.9622i
39.0	0.0494+0.1286i	0.1120+0.1126i	0.0471+0.0877i	0.0460+0.0867i	1.6453+1.1497i	-1.7814-0.9042i	-3.2910+1.3798i	3.2883-0.8448i
39.1	0.0521+0.1261i	0.1160+0.1065i	0.0497+0.0830i	0.0484+0.0807i	1.6297+1.0273i	-1.8213-0.8247i	-3.2451+1.2779i	3.2723-0.7714i
39.2	0.0531+0.1195i	0.1048+0.1064i	0.0459+0.0806i	0.0440+0.0782i	1.7386+0.9919i	-1.7325-1.1269i	-3.2454+1.2767i	3.3393-0.8765i
39.3	0.0530+0.1197i	0.1041+0.1022i	0.0454+0.0807i	0.0435+0.0780i	1.7883+0.9574i	-1.8708-0.9495i	-3.2828+1.2219i	3.2904-0.8479i
39.4	0.0555+0.1136i	0.1006+0.0990i	0.0444+0.0778i	0.0450+0.0754i	1.7518+0.9330i	-1.8819-0.8573i	-3.2887+1.1663i	3.3005-0.8161i
39.5	0.0555+0.1081i	0.0941+0.0975i	0.0417+0.0738i	0.0439+0.0734i	1.8582+0.9219i	-1.8791-0.8717i	-3.2623+1.1137i	3.3534-0.8102i
39.6	0.0452+0.1062i	0.0917+0.0955i	0.0394+0.0718i	0.0393+0.0708i	1.9043+0.7946i	-1.8001-0.9005i	-3.2720+1.0768i	3.4030-0.7799i
39.7	0.0366+0.1058i	0.0980+0.0967i	0.0392+0.0722i	0.0386+0.0714i	1.8307+0.8538i	-2.0456-0.8440i	-3.2919+1.0477i	3.3217-0.7477i
39.8	0.0408+0.1207i	0.0975+0.0925i	0.0381+0.0757i	0.0383+0.0762i	1.9613+0.8389i	-2.0977-0.8728i	-3.2797+1.0446i	3.3160-0.7777i
39.9	0.0561+0.1181i	0.0910+0.0851i	0.0415+0.0725i	0.0405+0.0732i	2.0304+0.8349i	-2.0260-0.8311i	-3.2689+1.0122i	3.3174-0.7500i
40.0	0.0505+0.1149i	0.0821+0.0840i	0.0359+0.0706i	0.0359+0.0706i	1.9014+0.7872i	-1.9914-0.9695i	-3.3487+0.9433i	3.3819-0.8209i
40.1	0.0444+0.1120i	0.0814+0.0797i	0.0322+0.0697i	0.0323+0.0680i	1.9232+0.6117i	-2.0070-1.0057i	-3.3420+0.8721i	3.4453-0.8059i
40.2	0.0419+0.1089i	0.0798+0.0787i	0.0306+0.0696i	0.0308+0.0662i	1.8696+0.7086i	-2.0588-0.7825i	-3.3944+0.8441i	3.4285-0.7544i
40.3	0.0382+0.1095i	0.0766+0.0795i	0.0285+0.0694i	0.0297+0.0665i	1.9347+0.7121i	-2.1384-0.8316i	-3.4166+0.8194i	3.4266-0.7945i
40.4	0.0435+0.1043i	0.0687+0.0806i	0.0293+0.0671i	0.0284+0.0645i	1.9347+0.6008i	-2.0869-0.7417i	-3.4528+0.7555i	3.4577-0.7182i
40.5	0.0440+0.0984i	0.0661+0.0821i	0.0279+0.0663i	0.0263+0.0636i	1.9662+0.5355i	-1.9418-0.7288i	-3.4775+0.7926i	3.4941-0.6720i
40.6	0.0430+0.1021i	0.0687+0.0855i	0.0265+0.0689i	0.0262+0.0668i	1.8969+0.6593i	-2.1808-0.8573i	-3.4499+0.7909i	3.4385-0.7346i
40.7	0.0455+0.1067i	0.0604+0.0844i	0.0233+0.0709i	0.0248+0.0680i	1.8982+0.6680i	-2.2299-0.8701i	-3.5111+0.7639i	3.4058-0.7858i
40.8	0.0451+0.1009i	0.0606+0.0802i	0.0241+0.0676i	0.0250+0.0662i	1.9184+0.6292i	-2.0989-0.7483i	-3.5414+0.7974i	3.4649-0.7165i
40.9	0.0484+0.1010i	0.0530+0.0832i	0.0227+0.0686i	0.0218+0.0656i	1.9058+0.4083i	-2.2142-0.7619i	-3.5613+0.7309i	3.4426-0.7187i
41.0	0.0455+0.0974i	0.0509+0.0876i	0.0208+0.0687i	0.0194+0.0653i	1.9806+0.4729i	-2.2443-0.7598i	-3.6034+0.7156i	3.4382-0.7200i
41.1	0.0400+0.0860i	0.0531+0.0905i	0.0195+0.0651i	0.0202+0.0628i	2.1100+0.6443i	-2.1861-0.7064i	-3.6848+0.7333i	3.4891-0.6701i
41.2	0.0445+0.0884i	0.0465+0.0886i	0.0201+0.0665i	0.0211+0.0640i	2.0257+0.5346i	-2.4124-0.5737i	-3.6624+0.7055i	3.4058-0.6096i
41.3	0.0395+0.0887i	0.0438+0.0886i	0.0183+0.0663i	0.0171+0.0654i	2.0511+0.5169i	-2.4073-0.6734i	-3.6633+0.7524i	3.4756-0.6411i
41.4	0.0337+0.0853i	0.0457+0.0909i	0.0173+0.0669i	0.0166+0.0658i	2.1306+0.5744i	-2.3618-0.6927i	-3.7152+0.7644i	3.5356-0.6831i
41.5	0.0301+0.0834i	0.0463+0.0937i	0.0159+0.0662i	0.0156+0.0641i	2.0753+0.6292i	-2.3497-0.7718i	-3.7295+0.7183i	3.5685-0.6946i
41.6	0.0334+0.0805i	0.0462+0.0910i	0.0150+0.0644i	0.0172+0.0627i	1.9845+0.5440i	-2.4374-0.5976i	-3.7450+0.7227i	3.5288-0.6230i
41.7	0.0215+0.0815i	0.0455+0.0952i	0.0094+0.0652i	0.0127+0.0644i	1.9909+0.5025i	-2.4587-0.6946i	-3.8086+0.7653i	3.5909-0.6761i
41.8	0.0140+0.0779i	0.0421+0.0923i	0.0066+0.0653i	0.0081+0.0630i	2.0511+0.5781i	-2.4848-0.7251i	-3.8168+0.7647i	3.5831-0.6708i
41.9	0.0119+0.0772i	0.0390+0.0925i	0.0053+0.0636i	0.0063+0.0619i	2.1099+0.6409i	-2.4937-0.6012i	-3.8308+0.7624i	3.6043-0.6250i
42.0	0.0003+0.0789i	0.0357+0.0983i	0.0012+0.0651i	0.0024+0.0647i	2.2045+0.6398i	-2.4251-0.5831i	-3.8637+0.7962i	3.6681-0.6142i
42.1	0.0011+0.0833i	0.0389+0.0978i	0.0024+0.0675i	0.0040+0.0669i	2.3127+0.5057i	-2.5032-0.6109i	-3.8289+0.7883i	3.6384-0.5854i
42.2	-0.0043+0.0834i	0.0320+0.0919i	-0.0020+0.0676i	-0.0005+0.0650i	2.2832+0.4718i	-2.6678-0.5869i	-3.8383+0.7719i	3.6207-0.6025i
42.3	-0.0096+0.0886i	0.0305+0.0926i	-0.0031+0.0660i	-0.0008+0.0656i	2.3392+0.4064i	-2.5396-0.5264i	-3.8748+0.8040i	3.7169-0.5897i
42.4	-0.0080+0.0895i	0.0304+0.0926i	-0.0028+0.0682i	-0.0003+0.0652i	2.2119+0.5180i	-2.5450-0.5628i	-3.9009+0.7868i	3.7389-0.5976i
42.5	-0.0168+0.0974i	0.0267+0.0954i	-0.0070+0.0712i	-0.0055+0.0676i	2.2353+0.5555i	-2.6520-0.5781i	-3.9196+0.8473i	3.7329-0.6348i
42.6	-0.0177+0.1083i	0.0226+0.1066i	-0.0097+0.0794i	-0.0066+0.0749i	2.3584+0.5445i	-2.7027-0.6877i	-3.8942+0.9799i	3.7470-0.7288i
42.7	-0.0148+0.0986i	0.0262+0.1119i	-0.0069+0.0793i	-0.0061+0.0734i	2.3995+0.6502i	-2.6357-0.6657i	-3.9076+0.9625i	3.7676-0.7154i
42.8	-0.0222+0.0916i	0.0314+0.1049i	-0.0066+0.0722i	-0.0075+0.0706i	2.4892+0.6046i	-2.6637-0.6726i	-3.9223+0.8911i	3.7599-0.7024i
42.9	-0.0299+0.0998i	0.0254+0.0983i	-0.0127+0.0724i	-0.0112+0.0714i	2.4168+0.5805i	-2.6855-0.6326i	-3.9716+0.8605i	3.8076-0.7005i
43.0	-0.0297+0.1095i	0.0216+0.1062i	-0.0155+0.0784i	-0.0136+0.0757i	2.3599+0.5841i	-2.7689-0.5944i	-3.9848+0.8581i	3.8391-0.6985i
43.1	-0.0309+0.1101i	0.0136+0.1061i	-0.0188+0.0772i	-0.0163+0.0760i	2.3751+0.4926i	-2.7146-0.6180i	-3.9938+0.8415i	3.9136-0.6956i
43.2	-0.0284+0.1160i	0.0083+0.1072i	-0.0218+0.0804i	-0.0163+0.0789i	2.4779+0.6089i	-2.6659-0.6458i	-3.9740+0.8772i	3.9348-0.7360i
43.3	-0.0176+0.1103i	0.0101+0.1075i	-0.0173+0.0791i	-0.0116+0.0759i	2.5785+0.6205i	-2.7959-0.6110i	-3.9247+0.8774i	3.8705-0.7859i
43.4	-0.0275+0.0969i	0.0114+0.1045i	-0.0197+0.0721i	-0.0160+0.0693i	2.5911+0.4239i	-2.8660-0.6126i	-3.9540+0.8270i	3.8525-0.7372i

43.5	-0.0515+0.1007i	0.0036+0.1072i	-0.0303+0.0753i	-0.0270+0.0712i	2.5625+0.4753i	-2.7368-0.6044i	-4.1001+0.8292i	3.9611-0.7577i
43.6	-0.0527+0.1192i	-0.0042+0.1111i	-0.0334+0.0844i	-0.0305+0.0792i	2.4356+0.4222i	-2.7994-0.6540i	-4.1230+0.9010i	3.9758-0.8025i
43.7	-0.0482+0.1335i	-0.0083+0.1167i	-0.0323+0.0913i	-0.0293+0.0863i	2.5272+0.3851i	-2.9078-0.6687i	-4.0912+0.9412i	3.9267-0.8262i
43.8	-0.0343+0.1301i	-0.0006+0.1261i	-0.0245+0.0918i	-0.0219+0.0863i	2.6285+0.4928i	-2.9534-0.6830i	-4.0594+0.9009i	3.9535-0.8522i
43.9	-0.0553+0.1125i	0.0015+0.1235i	-0.0336+0.0843i	-0.0293+0.0819i	2.5678+0.4869i	-2.9083-0.6809i	-4.1425+0.8310i	4.0158-0.7843i
44.0	-0.0700+0.1263i	-0.0066+0.1213i	-0.0402+0.0892i	-0.0371+0.0840i	2.6537+0.4995i	-2.9320-0.5808i	-4.1904+0.8657i	4.0311-0.7815i
44.1	-0.0822+0.1416i	-0.0145+0.1243i	-0.0476+0.0967i	-0.0464+0.0893i	2.7352+0.5694i	-2.9183-0.6111i	-4.2686+0.9254i	4.0872-0.8400i
44.2	-0.0851+0.1633i	-0.0189+0.1318i	-0.0497+0.1061i	-0.0485+0.1009i	2.8183+0.4783i	-2.9282-0.6299i	-4.2564+0.9933i	4.1126-0.8839i
44.3	-0.0773+0.1924i	-0.0366+0.1397i	-0.0541+0.1192i	-0.0517+0.1131i	2.7017+0.6087i	-2.8295-0.6728i	-4.3397+1.0691i	4.1976-1.0137i
44.4	-0.0530+0.2126i	-0.0437+0.1679i	-0.0476+0.1358i	-0.0439+0.1300i	2.7773+0.7386i	-2.9328-0.8366i	-4.3022+1.2110i	4.1363-1.1956i
44.5	-0.0080+0.1895i	-0.0226+0.1820i	-0.0251+0.1329i	-0.0216+0.1255i	2.9025+0.7278i	-3.1633-0.7625i	-4.1421+1.1720i	3.9362-1.1439i
44.6	-0.0161+0.1680i	-0.0094+0.1762i	-0.0257+0.1243i	-0.0220+0.1155i	2.6833+0.7280i	-3.2217-0.7226i	-4.1696+1.0645i	3.9097-1.0501i
44.7	-0.0286+0.1710i	-0.0147+0.1767i	-0.0310+0.1258i	-0.0265+0.1177i	2.8282+0.6467i	-3.1766-0.7833i	-4.2299+1.0926i	4.0372-1.0913i
44.8	-0.0303+0.1639i	-0.0013+0.1841i	-0.0261+0.1252i	-0.0216+0.1156i	2.8805+0.5674i	-3.2575-0.6918i	-4.1991+1.0676i	3.9759-1.0430i
44.9	-0.0292+0.1625i	0.0070+0.1782i	-0.0248+0.1238i	-0.0180+0.1136i	2.9094+0.5682i	-3.2781-0.6017i	-4.2270+0.9781i	3.9713-1.0224i
45.0	-0.0328+0.1426i	0.0151+0.1738i	-0.0243+0.1155i	-0.0187+0.1076i	2.9927+0.6029i	-3.2905-0.6535i	-4.2657+0.9578i	3.9849-0.9762i
45.1	-0.0687+0.1585i	0.0033+0.1689i	-0.0401+0.1189i	-0.0367+0.1103i	2.9115+0.6142i	-3.2869-0.6596i	-4.4146+1.0233i	4.1034-0.9155i
45.2	-0.0602+0.1937i	-0.0033+0.1755i	-0.0403+0.1330i	-0.0336+0.1214i	2.9269+0.6366i	-3.3005-0.6522i	-4.4365+1.1427i	4.1657-1.0268i
45.3	-0.0478+0.1913i	-0.0033+0.1748i	-0.0373+0.1317i	-0.0288+0.1200i	3.0639+0.6032i	-3.3775-0.6885i	-4.4176+1.1764i	4.0877-1.0468i
45.4	-0.0586+0.1897i	-0.0138+0.1764i	-0.0447+0.1340i	-0.0372+0.1220i	3.1069+0.6172i	-3.3851-0.7037i	-4.4311+1.2305i	4.1397-1.0323i
45.5	-0.0591+0.2015i	-0.0090+0.1931i	-0.0439+0.1433i	-0.0368+0.1324i	3.2283+0.6816i	-3.3627-0.7107i	-4.4405+1.2786i	4.2226-1.0887i
45.6	-0.0603+0.1970i	0.0013+0.1924i	-0.0401+0.1391i	-0.0339+0.1274i	3.1521+0.5945i	-3.3861-0.6636i	-4.4679+1.2085i	4.2352-1.0849i
45.7	-0.0891+0.2071i	-0.0187+0.1819i	-0.0577+0.1396i	-0.0496+0.1285i	3.0491+0.5179i	-3.3725-0.6709i	-4.6014+1.2270i	4.2988-1.0968i
45.8	-0.0793+0.2556i	-0.0290+0.2207i	-0.0590+0.1727i	-0.0472+0.1574i	3.0441+0.7366i	-3.5021-0.7892i	-4.6053+1.4412i	4.2874-1.3555i
45.9	-0.0268+0.2648i	0.0043+0.2417i	-0.0291+0.1830i	-0.0222+0.1644i	3.3245+0.8368i	-3.5882-0.8450i	-4.4349+1.5645i	4.1968-1.3989i
46.0	-0.0348+0.2451i	0.0118+0.2188i	-0.0293+0.1695i	-0.0217+0.1495i	3.3445+0.7768i	-3.5671-0.7337i	-4.4837+1.4548i	4.2081-1.3006i
46.1	-0.0430+0.2456i	-0.0027+0.2097i	-0.0383+0.1679i	-0.0302+0.1471i	3.2385+0.7644i	-3.6645-0.7238i	-4.5051+1.4453i	4.2748-1.3290i
46.2	-0.0421+0.2603i	-0.0140+0.2383i	-0.0412+0.1817i	-0.0330+0.1613i	3.2019+0.8952i	-3.6685-0.8097i	-4.5391+1.5243i	4.3239-1.4210i
46.3	-0.0391+0.2721i	0.0010+0.2528i	-0.0351+0.1947i	-0.0297+0.1720i	3.2554+0.7566i	-3.7382-0.8411i	-4.5031+1.5867i	4.3002-1.4942i
46.4	-0.0236+0.3097i	0.0081+0.2622i	-0.0300+0.2145i	-0.0234+0.1886i	3.5350+0.8101i	-3.7842-0.8774i	-4.4887+1.6991i	4.2695-1.6368i
46.5	0.0322+0.3262i	0.0474+0.2761i	0.0012+0.2223i	0.0069+0.1921i	3.6342+0.9128i	-4.0280-0.9134i	-4.3873+1.7612i	4.0624-1.7427i
46.6	0.0543+0.2923i	0.0636+0.2526i	0.0169+0.2027i	0.0180+0.1708i	3.6430+0.8607i	-4.1269-0.8524i	-4.3193+1.6330i	3.9576-1.5701i
46.7	0.0594+0.2557i	0.0519+0.2380i	0.0198+0.1863i	0.0180+0.1560i	3.7398+0.9117i	-4.0821-0.7618i	-4.3201+1.5509i	3.9832-1.4730i
46.8	0.0511+0.2342i	0.0480+0.2351i	0.0158+0.1772i	0.0119+0.1481i	3.7957+0.8921i	-4.1092-0.7111i	-4.3666+1.5975i	4.0273-1.4016i
46.9	0.0327+0.2245i	0.0414+0.2351i	0.0040+0.1778i	0.0015+0.1472i	3.9074+0.7876i	-4.1031-0.7427i	-4.3734+1.6265i	4.1596-1.3743i
47.0	0.0137+0.2427i	0.0467+0.2490i	0.0026+0.1925i	-0.0002+0.1611i	3.8592+0.8537i	-4.0906-0.7795i	-4.3833+1.6451i	4.2417-1.5732i
47.1	0.0538+0.2561i	0.0780+0.2479i	0.0223+0.1974i	0.0162+0.1645i	4.0700+0.9654i	-4.1819-0.8456i	-4.3390+1.6757i	4.0630-1.6291i
47.2	0.0962+0.2333i	0.0965+0.2273i	0.0415+0.1806i	0.0299+0.1479i	4.1631+0.8760i	-4.2929-0.7307i	-4.3023+1.6180i	3.8949-1.5209i
47.3	0.0625+0.1893i	0.0743+0.2153i	0.0291+0.1624i	0.0138+0.1308i	4.1686+0.7687i	-4.3259-0.6422i	-4.3861+1.5199i	4.0170-1.4011i
47.4	0.0035+0.1945i	0.0543+0.2247i	0.0107+0.1627i	-0.0052+0.1327i	4.1356+0.6320i	-4.3526-0.6893i	-4.4747+1.4826i	4.2058-1.4070i
47.5	-0.0315+0.2097i	0.0447+0.2213i	-0.0044+0.1683i	-0.0194+0.1391i	3.9763+0.5421i	-4.3282-0.6827i	-4.5305+1.5400i	4.2926-1.4546i
47.6	-0.0394+0.2577i	0.0413+0.2289i	-0.0130+0.1908i	-0.0269+0.1608i	4.1112+0.6626i	-4.2566-0.7542i	-4.6140+1.7101i	4.3681-1.5838i
47.7	0.0157+0.3009i	0.0518+0.2433i	0.0115+0.2102i	-0.0072+0.1785i	4.1734+0.6747i	-4.3865-0.8262i	-4.4385+1.8254i	4.2584-1.7660i
47.8	0.0740+0.2838i	0.0733+0.2465i	0.0360+0.2054i	0.0135+0.1753i	4.2581+0.6416i	-4.5153-0.8165i	-4.2782+1.7402i	4.1284-1.8308i
47.9	0.0916+0.2479i	0.0822+0.2365i	0.0490+0.1803i	0.0227+0.1550i	4.3937+0.6766i	-4.5938-0.7827i	-4.2510+1.5514i	4.0391-1.7243i
48.0	0.0495+0.2223i	0.0597+0.2176i	0.0276+0.1683i	0.0047+0.1424i	4.4625+0.6200i	-4.6340-0.7462i	-4.4031+1.4955i	4.0961-1.6548i
48.1	0.0567+0.2249i	0.0559+0.2235i	0.0269+0.1752i	0.0058+0.1455i	4.5563+0.6924i	-4.7286-0.7191i	-4.4820+1.5059i	4.0475-1.7036i
48.2	0.0353+0.2094i	0.0314+0.2225i	0.0108+0.1719i	-0.0112+0.1420i	4.5150+0.6706i	-4.7897-0.6469i	-4.6535+1.4845i	4.1593-1.7412i
48.3	0.0391+0.2242i	0.0305+0.2534i	0.0142+0.1889i	-0.0122+0.1579i	4.5517+0.5523i	-4.7778-0.6861i	-4.6636+1.5897i	4.1714-1.8349i
48.4	0.0740+0.2174i	0.0776+0.2739i	0.0416+0.1931i	0.0127+0.1653i	4.7192+0.5548i	-4.8919-0.7891i	-4.5685+1.6085i	3.9626-1.8462i
48.5	0.0774+0.1954i	0.1024+0.2503i	0.0465+0.1744i	0.0173+0.1513i	4.8276+0.7411i	-4.9861-0.6827i	-4.6652+1.5360i	3.8640-1.7306i
48.6	0.0414+0.2062i	0.0807+0.2516i	0.0340+0.1750i	-0.0001+0.1530i	4.7672+0.6305i	-5.0314-0.6605i	-4.7362+1.5978i	3.9051-1.6639i
48.7	0.0150+0.2025i	0.0632+0.2582i	0.0278+0.1743i	-0.0072+0.1515i	4.8213+0.4996i	-5.1916-0.6949i	-4.7406+1.6539i	3.9894-1.6533i
48.8	-0.0046+0.2184i	0.0577+0.2628i	0.0198+0.1816i	-0.0177+0.1590i	4.9327+0.5017i	-5.2599-0.5780i	-4.7621+1.6798i	4.1030-1.6816i
48.9	0.0144+0.2115i	0.0713+0.2592i	0.0287+0.1825i	-0.0085+0.1604i	4.8461+0.5847i	-5.2160-0.5639i	-4.7810+1.6305i	4.0236-1.7344i
49.0	0.0293+0.1743i	0.1006+0.2332i	0.0387+0.1599i	0.0040+0.1416i	4.9607+0.6742i	-5.2618-0.5867i	-4.8390+1.4932i	3.8373-1.6435i
49.1	0.0098+0.1673i	0.0775+0.2162i	0.0237+0.1512i	-0.0105+0.1340i	5.0702+0.5399i	-5.2777-0.5574i	-4.9422+1.5516i	3.9321-1.5422i
49.2	-0.0104+0.1645i	0.0637+0.2196i	0.0076+0.1505i	-0.0283+0.1360i	5.1336+0.4116i	-5.3359-0.5785i	-5.0247+1.5626i	4.0613-1.5253i
49.3	-0.0462+0.1765i	0.0422+0.2321i	-0.0112+0.1584i	-0.0455+0.1428i	5.1027+0.4914i	-5.3371-0.5366i	-5.1676+1.5779i	4.1986-1.5750i
49.4	-0.0779+0.2525i	0.0225+0.2843i	-0.0209+0.1970i	-0.0579+0.1777i	5.2647+0.5686i	-5.3239-0.5267i	-5.3482+1.7620i	4.2255-1.7461i
49.5	-0.0286+0.2519i	0.0646+0.2902i	0.0097+0.2012i	-0.0313+0.1847i	5.4338+0.5856i	-5.4748-0.4931i	-5.3421+1.8188i	4.0398-1.8308i
49.6	-0.0443+0.2383i	0.0663+0.2871i	0.0051+0.1914i	-0.0319+0.1771i	5.2765+0.6454i	-5.6414-0.5121i	-5.2935+1.7731i	4.0373-1.8264i
49.7	-0.0795+0.2174i	0.0574+0.2641i	0.0130+0.1806i	-0.0258+0.1728i	5.5433+0.4483i	-5.6779-0.4968i	-5.3083+1.8163i	4.0694-1.6781i

49.8	-0.1218+0.2286i	0.0235+0.2515i	-0.0013+0.1694i	-0.0395+0.1601i	5.6189+0.2628i	-5.6712-0.4780i	-5.4081+1.9310i	4.0844-1.5940i
49.9	-0.0787+0.2701i	0.0428+0.2674i	-0.0026+0.1906i	-0.0418+0.1796i	5.5533+0.4245i	-5.6853-0.4014i	-5.5763+2.1118i	4.0218-1.5917i
50.0	-0.0349+0.2537i	0.0631+0.2673i	0.0065+0.1918i	-0.0335+0.1838i	5.6131+0.6008i	-5.7502-0.3425i	-5.5680+2.1073i	4.0816-1.5945i
50.1	-0.0902+0.2503i	0.0360+0.2680i	-0.0210+0.1875i	-0.0656+0.1803i	5.6401+0.7759i	-5.6063-0.3173i	-5.7775+2.0141i	4.2241-1.6357i
50.2	-0.1092+0.3369i	0.0227+0.3266i	-0.0344+0.2385i	-0.0787+0.2280i	5.4490+0.4163i	-5.9400-0.2027i	-5.9435+2.2156i	4.3516-1.8340i
50.3	-0.0558+0.3703i	0.0453+0.3534i	0.0034+0.2593i	-0.0478+0.2525i	5.8778+0.1649i	-5.9683-0.3677i	-5.7729+2.5557i	4.1889-1.7963i
50.4	-0.0077+0.3315i	0.0762+0.3380i	0.0356+0.2352i	-0.0163+0.2367i	6.3047+0.1719i	-6.0461-0.4701i	-5.6008+2.6207i	3.8838-1.5961i
50.5	-0.0239+0.2911i	0.0895+0.3138i	0.0306+0.2152i	-0.0202+0.2203i	6.1283+0.1174i	-6.1614-0.3382i	-5.6963+2.5006i	3.8885-1.5517i
50.6	-0.0561+0.2678i	0.0688+0.2922i	0.0034+0.2046i	-0.0440+0.2117i	6.1578+0.1219i	-6.0873-0.2583i	-5.8475+2.5375i	3.9895-1.3777i
50.7	-0.0713+0.2823i	0.0545+0.3155i	-0.0111+0.2096i	-0.0554+0.2194i	6.2571+0.0492i	-6.1845-0.4133i	-5.8934+2.6892i	4.1922-1.3659i
50.8	-0.0859+0.3073i	0.0628+0.3356i	-0.0056+0.2269i	-0.0495+0.2357i	6.5459+0.0252i	-6.2490-0.3077i	-6.0720+2.8662i	4.0966-1.2610i
50.9	-0.0917+0.3157i	0.0710+0.3291i	-0.0047+0.2306i	-0.0508+0.2372i	6.5840+0.0449i	-6.3834-0.1474i	-6.1633+2.8775i	4.0802-1.2588i
51.0	-0.0825+0.3113i	0.0821+0.3308i	-0.0054+0.2286i	-0.0543+0.2333i	6.6961+0.1716i	-6.3689-0.1882i	-6.1332+3.0681i	4.0760-1.1440i
51.1	-0.1161+0.3037i	0.0796+0.3210i	-0.0186+0.2223i	-0.0645+0.2284i	6.6577+0.2208i	-6.3283-0.2137i	-6.2309+3.1136i	4.3225-0.9951i
51.2	-0.1253+0.3919i	0.0695+0.3345i	-0.0233+0.2556i	-0.0694+0.2613i	6.7198+0.1934i	-6.4591-0.2011i	-6.2773+3.4110i	4.5137-1.1626i
51.3	-0.0779+0.3891i	0.0652+0.3344i	-0.0105+0.2562i	-0.0581+0.2686i	6.8143+0.1033i	-6.4966-0.2396i	-6.0510+3.4766i	4.5683-1.1645i
51.4	-0.1143+0.3911i	0.0383+0.3537i	-0.0306+0.2562i	-0.0779+0.2713i	6.8505-0.0926i	-6.5703-0.0872i	-6.2941+3.5263i	4.7497-1.2261i
51.5	-0.1054+0.4379i	0.0526+0.4056i	-0.0223+0.2728i	-0.0659+0.2918i	6.9148-0.1294i	-6.5961-0.1640i	-6.3000+3.8682i	4.8811-1.2011i
51.6	-0.1044+0.3857i	0.0569+0.3775i	-0.0234+0.2525i	-0.0640+0.2731i	7.0345-0.1512i	-6.6962-0.1801i	-6.3359+3.8509i	4.8113-0.9913i
51.7	-0.1699+0.4269i	0.0366+0.4085i	-0.0564+0.2862i	-0.0972+0.3006i	7.1164-0.4393i	-6.7294-0.1791i	-6.5662+4.1765i	5.0030-1.1650i
51.8	-0.1621+0.4847i	0.0653+0.4317i	-0.0400+0.3183i	-0.0844+0.3356i	7.2394-0.4472i	-6.8667-0.2257i	-6.4631+4.5270i	5.0725-1.2199i
51.9	-0.1472+0.4755i	0.0610+0.4200i	-0.0346+0.3116i	-0.0795+0.3317i	7.4236-0.3567i	-6.7990-0.0817i	-6.3750+4.7292i	5.0998-1.0136i
52.0	-0.1989+0.4876i	0.0508+0.4308i	-0.0553+0.3164i	-0.0991+0.3358i	7.3733-0.3869i	-6.8725-0.0866i	-6.5266+4.7798i	5.3494-0.9690i
52.1	-0.1449+0.6200i	0.0676+0.4630i	-0.0321+0.3743i	-0.0791+0.3989i	7.6471-0.6278i	-6.9469-0.3029i	-6.0113+5.3097i	5.7387-1.2604i
52.2	-0.0827+0.6141i	0.0646+0.4706i	-0.0126+0.3724i	-0.0577+0.4011i	7.9047-0.5933i	-7.0718-0.2321i	-5.8897+5.3350i	5.6400-1.3253i
52.3	-0.0920+0.6370i	0.0783+0.5140i	-0.0138+0.3932i	-0.0535+0.4236i	7.6009-0.3079i	-7.2502-0.0996i	-6.0986+5.5431i	5.5565-1.4949i
52.4	-0.0609+0.6519i	0.1189+0.5430i	0.0075+0.4070i	-0.0257+0.4406i	7.6621-0.3368i	-7.3635-0.1395i	-5.9012+5.8852i	5.5524-1.5615i
52.5	-0.0896+0.6938i	0.1202+0.5592i	-0.0027+0.4318i	-0.0380+0.4582i	7.8845-0.6360i	-7.4650-0.1195i	-5.8168+6.1645i	5.7881-1.4968i
52.6	-0.0098+0.7533i	0.1646+0.5678i	0.0408+0.4525i	0.0049+0.4837i	8.1511-1.0718i	-7.4464-0.1959i	-5.1292+6.6304i	5.9547-1.4600i
52.7	0.0646+0.6757i	0.1869+0.5365i	0.0696+0.4159i	0.0429+0.4470i	8.1990-1.0926i	-7.7722-0.1363i	-4.6412+6.1781i	5.9537-1.6019i
52.8	0.0021+0.6434i	0.1793+0.5208i	0.0455+0.4007i	0.0170+0.4286i	8.1128-1.0136i	-7.9477-0.0797i	-4.7859+5.9488i	6.2275-1.5849i
52.9	0.0187+0.7611i	0.1813+0.5612i	0.0559+0.4520i	0.0186+0.4837i	8.0332-0.9108i	-7.9995-0.0881i	-4.5637+6.3843i	6.4268-1.8076i
53.0	0.0873+0.7667i	0.1633+0.5858i	0.0716+0.4616i	0.0375+0.4980i	8.0371-0.9197i	-8.2000-0.0445i	-4.2941+6.2956i	6.4314-2.1074i
53.1	0.1196+0.6993i	0.2299+0.6152i	0.1046+0.4520i	0.0748+0.4885i	8.3160-1.0590i	-8.2726-0.0330i	-3.9488+6.1712i	6.4975-2.0396i
53.2	0.0461+0.7035i	0.2365+0.6161i	0.0826+0.4562i	0.0507+0.4847i	8.6270-1.2494i	-8.2650+0.0096i	-3.8932+6.3120i	6.9681-1.7767i
53.3	0.0842+0.7867i	0.2926+0.6458i	0.1175+0.4919i	0.0812+0.5259i	8.3234-1.4651i	-8.5737-0.0074i	-3.4492+6.2962i	7.2230-2.3999i
53.4	0.1494+0.7842i	0.3445+0.5840i	0.1562+0.4670i	0.1191+0.5070i	8.3451-1.4791i	-8.7619+0.1344i	-3.1029+5.7535i	7.2292-2.7705i
53.5	0.2034+0.7641i	0.3173+0.5393i	0.1630+0.4401i	0.1295+0.4870i	8.5445-1.5050i	-8.9407+0.1015i	-3.1115+5.2276i	7.2687-3.1104i
53.6	0.1950+0.7092i	0.2915+0.5898i	0.1460+0.4393i	0.1189+0.4853i	8.8574-1.4773i	-8.9944+0.1344i	-3.4277+5.2247i	7.2412-3.0738i
53.7	0.1454+0.7015i	0.3127+0.6096i	0.1357+0.4471i	0.1101+0.4907i	9.0505-1.4115i	-9.0126+0.3325i	-3.6824+5.4634i	7.2438-2.9762i
53.8	0.0620+0.7907i	0.3008+0.6422i	0.1058+0.4894i	0.0745+0.5309i	9.1553-1.5635i	-9.1299+0.4629i	-3.7930+5.8542i	7.6788-3.2336i
53.9	0.0626+0.9276i	0.3096+0.7191i	0.1103+0.5610i	0.0765+0.6073i	9.3353-1.6381i	-9.4438+0.4976i	-3.8134+6.1707i	7.8625-4.0013i
54.0	0.1472+1.0248i	0.3639+0.7700i	0.1571+0.6080i	0.1256+0.6608i	9.3015-1.7257i	-9.5995+0.6239i	-3.5910+6.4216i	7.6378-4.6371i
54.1	0.2845+1.0203i	0.4642+0.7700i	0.2326+0.6070i	0.2124+0.6625i	9.2965-1.9637i	-9.6972+0.6431i	-3.0566+6.1990i	7.1758-4.9403i
54.2	0.3094+0.8825i	0.5355+0.6728i	0.2614+0.5270i	0.2511+0.5835i	9.4589-2.0168i	-9.7336+0.6535i	-2.8708+5.6133i	7.1025-4.4863i
54.3	0.2693+0.9733i	0.5339+0.6887i	0.2472+0.5630i	0.2358+0.6203i	9.6026-2.0155i	-9.9125+0.8830i	-2.9425+5.8767i	7.4648-4.8805i
54.4	0.4248+1.0825i	0.6163+0.7126i	0.3262+0.6106i	0.3193+0.6707i	9.7545-1.9178i	-9.9595+1.2203i	-2.4628+6.1573i	6.8964-5.6411i
54.5	0.5492+1.0631i	0.6713+0.6786i	0.3849+0.5917i	0.3884+0.6487i	9.5834-1.8404i	-10.0874+1.3344i	-2.2336+5.8600i	6.2279-5.9637i
54.6	0.6443+0.9475i	0.7173+0.6065i	0.4307+0.5323i	0.4397+0.5809i	9.8828-1.8855i	-10.0879+1.4566i	-2.0770+5.3354i	5.6343-5.6181i
54.7	0.6340+0.8288i	0.7135+0.5315i	0.4265+0.4706i	0.4358+0.5150i	10.1512-1.8910i	-10.2409+1.3786i	-2.3286+4.8637i	5.5599-5.1465i
54.8	0.5172+0.8849i	0.6439+0.5320i	0.3619+0.4915i	0.3697+0.5307i	10.4770-2.2626i	-10.5448+1.5083i	-2.8009+5.0646i	6.1792-5.3561i
54.9	0.6046+1.0248i	0.6683+0.5924i	0.4004+0.5618i	0.4079+0.5991i	10.4333-2.1452i	-10.8498+1.8685i	-2.7712+5.3863i	5.7828-6.1619i
55.0	0.7367+0.9909i	0.7321+0.5781i	0.4683+0.5439i	0.4750+0.5833i	10.7519-2.4208i	-10.7014+1.7812i	-2.3584+5.1477i	5.3166-6.1209i
55.1	0.7943+0.8897i	0.7499+0.5276i	0.4958+0.4933i	0.5015+0.5287i	11.1862-2.5810i	-10.5480+1.9085i	-2.3867+4.9580i	4.9474-5.5232i
55.2	0.8407+0.8499i	0.7692+0.5062i	0.5153+0.4756i	0.5209+0.5035i	11.2910-2.3871i	-10.8629+2.0593i	-2.4682+5.0053i	4.6960-5.3468i
55.3	0.8877+0.7897i	0.7940+0.4754i	0.5379+0.4439i	0.5435+0.4691i	11.2957-2.6288i	-11.1594+2.0241i	-2.5018+4.7334i	4.6014-5.1771i
55.4	0.8899+0.7039i	0.8041+0.4352i	0.5431+0.3992i	0.5487+0.4280i	11.6177-2.9504i	-11.1616+2.2276i	-2.6379+4.5903i	4.7387-4.8555i
55.5	0.8077+0.6761i	0.7813+0.4248i	0.5043+0.3854i	0.5074+0.4201i	11.9511-3.3397i	-11.4424+2.1375i	-2.8725+4.5286i	5.3746-4.8621i
55.6	0.8150+0.7278i	0.7954+0.4437i	0.5113+0.4125i	0.5123+0.4427i	12.1588-3.5915i	-11.5704+2.4236i	-2.8999+4.8371i	5.4545-5.0763i
55.7	0.8930+0.7131i	0.8380+0.4186i	0.5559+0.3973i	0.5546+0.4326i	12.1357-3.6154i	-11.5895+2.5908i	-2.7457+4.8677i	5.1946-5.0583i
55.8	0.9262+0.6771i	0.8595+0.3916i	0.5729+0.3738i	0.5737+0.4078i	12.3919-3.7707i	-11.7706+2.5208i	-2.7539+4.7108i	5.2278-4.9826i
55.9	0.9529+0.6302i	0.8764+0.3609i	0.5839+0.3489i	0.5862+0.3843i	12.8724-4.1502i	-12.0151+2.6564i	-2.8759+4.6706i	5.3212-4.8923i
56.0	0.9113+0.5879i	0.8456+0.3305i	0.5552+0.3277i	0.5603+0.3636i	13.3737-4.4843i	-12.3225+2.9035i	-3.1717+4.7596i	5.7043-4.8553i

56.1	0.8851+0.6434i	0.8404+0.3687i	0.5435+0.3616i	0.5517+0.4009i	13.6383-4.9629i	-12.6341+3.2567i	-3.3470+5.1699i	5.9965-5.4005i
56.2	0.9949+0.6505i	0.9123+0.3654i	0.6043+0.3619i	0.6151+0.4006i	13.7621-5.1803i	-12.5944+3.5935i	-3.0660+5.2734i	5.6496-5.5826i
56.3	1.0442+0.6058i	0.9435+0.3338i	0.6315+0.3358i	0.6427+0.3740i	13.7991-5.2535i	-12.7907+3.7577i	-3.0431+5.1730i	5.5088-5.4966i
56.4	1.0490+0.5606i	0.9504+0.3063i	0.6372+0.3078i	0.6482+0.3506i	14.2575-5.8330i	-12.7840+3.4586i	-2.9930+5.1223i	5.7869-5.4318i
56.5	1.0505+0.5185i	0.9535+0.2772i	0.6386+0.2890i	0.6502+0.3285i	14.7165-6.1266i	-12.8979+3.5667i	-3.0240+5.1608i	5.9295-5.3745i
56.6	1.0768+0.4866i	0.9662+0.2453i	0.6507+0.2699i	0.6627+0.3073i	14.8833-6.4519i	-13.0578+4.2724i	-3.0734+5.3390i	5.8158-5.4691i
56.7	1.0902+0.4699i	0.9766+0.2314i	0.6569+0.2622i	0.6697+0.2948i	15.1927-6.7834i	-13.3168+4.5553i	-3.2111+5.4520i	5.8560-5.5931i
56.8	1.1060+0.4427i	0.9871+0.2143i	0.6624+0.2468i	0.6772+0.2785i	15.3256-7.3146i	-13.4850+4.6218i	-3.2080+5.4906i	5.9972-5.6374i
56.9	1.1254+0.3940i	1.0021+0.1784i	0.6737+0.2203i	0.6862+0.2508i	15.8185-8.1420i	-13.7838+4.9181i	-3.1984+5.6657i	6.2393-5.7589i
57.0	1.1240+0.3720i	1.0045+0.1617i	0.6744+0.2107i	0.6881+0.2417i	16.1977-8.3186i	-14.2510+5.1750i	-3.3997+5.7484i	6.3696-5.8904i
57.1	1.0979+0.3398i	0.9926+0.1345i	0.6564+0.1939i	0.6746+0.2239i	16.2633-8.8893i	-14.4513+5.4304i	-3.4443+5.8635i	6.5597-6.1318i
57.2	1.0605+0.3703i	0.9819+0.1405i	0.6413+0.2096i	0.6587+0.2400i	16.1951-10.0566i	-15.0698+5.9382i	-3.4719+6.1506i	6.9071-6.7501i
57.3	1.1145+0.4438i	1.0230+0.1723i	0.6773+0.2458i	0.6970+0.2774i	16.1989-10.6521i	-15.1425+6.6617i	-3.3083+6.4849i	6.6298-7.3793i
57.4	1.2092+0.3925i	1.0729+0.1318i	0.7244+0.2141i	0.7465+0.2422i	16.7392-11.3573i	-14.9122+6.7247i	-2.9183+6.5419i	6.5066-7.3915i
57.5	1.2543+0.3349i	1.1000+0.0861i	0.7522+0.1851i	0.7692+0.2090i	17.1627-12.1524i	-14.9118+7.2533i	-2.8328+6.6927i	6.4726-7.4795i
57.6	1.2902+0.2895i	1.1269+0.0507i	0.7707+0.1641i	0.7858+0.1868i	17.6297-12.9102i	-15.3187+7.8170i	-2.8459+6.8758i	6.5730-7.6400i
57.7	1.3060+0.2597i	1.1363+0.0223i	0.7802+0.1431i	0.7975+0.1651i	17.5123-13.9419i	-15.6597+8.1198i	-2.7239+6.9272i	6.6922-7.9947i
57.8	1.3309+0.2042i	1.1509-0.0182i	0.7919+0.1166i	0.8136+0.1341i	17.4837-14.9982i	-15.7879+8.7533i	-2.6186+7.0554i	6.6621-8.2840i
57.9	1.3553+0.1369i	1.1619-0.0678i	0.8044+0.0834i	0.8295+0.0987i	17.5837-16.1658i	-15.4763+9.5065i	-2.3743+7.2470i	6.5097-8.5994i
58.0	1.3831+0.0717i	1.1746-0.1232i	0.8260+0.0462i	0.8432+0.0587i	17.5734-17.1911i	-15.4499+10.7156i	-2.2144+7.5592i	6.2285-9.0352i
58.1	1.3894+0.0263i	1.1779-0.1607i	0.8277+0.0209i	0.8445+0.0325i	17.1933-18.4775i	-15.7493+11.3638i	-2.0811+7.5748i	6.1487-9.4832i
58.2	1.3995-0.0261i	1.1781-0.1983i	0.8321-0.0055i	0.8490+0.0054i	16.9383-19.6009i	-15.6064+11.8144i	-1.9287+7.6998i	6.0928-9.8226i
58.3	1.4080-0.1136i	1.1796-0.2407i	0.8396-0.0459i	0.8520-0.0361i	16.7120-21.1263i	-15.0170+12.8534i	-1.6716+7.9793i	5.8654-10.1900i
58.4	1.3884-0.1962i	1.2034-0.3106i	0.8470-0.0932i	0.8557-0.0851i	15.6571-23.4688i	-14.8875+13.7154i	-1.1786+8.1257i	5.5664-10.9546i
58.5	1.3933-0.2223i	1.2103-0.3728i	0.8542-0.1181i	0.8617-0.1134i	15.0729-24.7046i	-14.3677+14.7863i	-0.9210+8.4121i	5.1500-11.4307i
58.6	1.4247-0.2817i	1.2074-0.4277i	0.8661-0.1589i	0.8755-0.1504i	14.1459-26.1799i	-13.5328+14.9932i	-0.4051+8.3807i	4.8429-11.6503i
58.7	1.4443-0.4207i	1.2070-0.5270i	0.8806-0.2374i	0.8889-0.2263i	12.7412-28.0623i	-13.0324+16.3865i	-0.0173+8.3679i	4.1109-12.1488i
58.8	1.4046-0.4968i	1.1802-0.5860i	0.8602-0.2823i	0.8675-0.2734i	11.1302-29.2797i	-12.5038+16.9680i	0.2609+8.2936i	3.5684-12.4432i
58.9	1.3580-0.5768i	1.1486-0.6553i	0.8394-0.3303i	0.8450-0.3220i	9.6535-30.4139i	-11.5831+17.5154i	0.6280+8.2531i	2.9479-12.6291i
59.0	1.3089-0.6524i	1.1017-0.7174i	0.8162-0.3768i	0.8189-0.3664i	7.7900-31.3598i	-10.4263+17.8354i	1.0365+8.1103i	2.2836-12.7149i
59.1	1.2206-0.7072i	1.0288-0.7582i	0.7627-0.4117i	0.7697-0.3976i	4.9229-31.5895i	-9.6999+17.5507i	1.3897+7.6392i	1.6617-12.7215i
59.2	1.1378-0.7984i	0.9568-0.8444i	0.7145-0.4731i	0.7221-0.4604i	1.9984-31.8255i	-8.4654+18.4742i	1.8033+7.3809i	0.4868-12.7938i
59.3	1.0574-0.8248i	0.8886-0.8697i	0.6668-0.4920i	0.6770-0.4761i	-0.0655-31.5370i	-7.8292+18.1433i	1.9620+7.0447i	-0.0030-12.5427i
59.4	0.9581-0.8627i	0.7993-0.8997i	0.6099-0.5168i	0.6227-0.5000i	-3.0427-31.7142i	-7.0224+17.6974i	2.2322+6.5700i	-0.5715-12.3473i
59.5	0.8856-0.8867i	0.7354-0.9202i	0.5689-0.5328i	0.5786-0.5198i	-4.7972-31.3097i	-6.1471+17.5195i	2.4612+6.2991i	-1.0322-11.9460i
59.6	0.7910-0.8854i	0.6518-0.9139i	0.5072-0.5390i	0.5236-0.5251i	-7.0691-29.8201i	-5.5929+16.9145i	2.4928+5.8422i	-1.3989-11.5439i
59.7	0.7170-0.8840i	0.5849-0.9175i	0.4619-0.5397i	0.4808-0.5301i	-9.4769-28.5649i	-5.0964+17.1046i	2.4893+5.5815i	-2.1097-11.3461i
59.8	0.6236-0.8595i	0.5067-0.8888i	0.4097-0.5261i	0.4234-0.5139i	-10.8479-27.4826i	-4.4035+15.9201i	2.6948+5.0723i	-2.2144-10.7060i
59.9	0.5290-0.8293i	0.4204-0.8613i	0.3498-0.5118i	0.3648-0.4996i	-12.5802-25.2298i	-3.6875+15.3615i	2.7917+4.6527i	-2.4319-10.0036i
60.0	0.4999-0.7702i	0.4024-0.8088i	0.3323-0.4737i	0.3492-0.4601i	-13.5866-22.8154i	-4.9147+15.9251i	2.4362+4.3172i	-2.1323-10.4013i
60.1	0.4512-0.7406i	0.3579-0.7766i	0.3051-0.4519i	0.3191-0.4434i	-13.9529-21.0658i	-4.3740+15.7235i	2.2807+4.0643i	-2.1654-10.1011i
60.2	0.3965-0.7278i	0.3091-0.7730i	0.2712-0.4530i	0.2835-0.4489i	-14.4704-20.4016i	-3.1481+14.4367i	2.2593+3.9510i	-2.9186-8.7602i
60.3	0.3604-0.6829i	0.2852-0.7340i	0.2506-0.4299i	0.2625-0.4229i	-14.6417-18.7964i	-3.2648+13.9409i	2.1377+3.6760i	-2.8192-8.3554i
60.4	0.3279-0.6430i	0.2576-0.7048i	0.2326-0.4070i	0.2404-0.4054i	-14.8224-16.7986i	-2.9358+13.5548i	1.9617+3.5274i	-2.9083-7.8995i
60.5	0.3240-0.6051i	0.2487-0.6817i	0.2284-0.3888i	0.2347-0.3894i	-14.6033-15.0162i	-3.0528+13.8290i	1.7108+3.4869i	-2.9878-7.6793i
60.6	0.3045-0.5889i	0.2263-0.6671i	0.2157-0.3806i	0.2189-0.3783i	-14.5340-14.0205i	-2.8915+13.7873i	1.6270+3.3796i	-2.9824-7.5276i
60.7	0.2813-0.5247i	0.2001-0.6085i	0.1983-0.3433i	0.1974-0.3412i	-13.9203-12.5398i	-2.5832+12.7257i	1.3948+3.1990i	-2.7533-6.9844i
60.8	0.2740-0.4763i	0.1969-0.5673i	0.1890-0.3145i	0.1926-0.3138i	-13.8374-12.0309i	-3.2443+12.3282i	1.1860+3.0076i	-2.4214-7.0090i
60.9	0.2555-0.4726i	0.1660-0.5527i	0.1725-0.3123i	0.1757-0.3098i	-13.7949-10.8900i	-2.5489+12.3626i	1.2211+2.8706i	-2.5637-6.6154i
61.0	0.2572-0.4328i	0.1691-0.5128i	0.1718-0.2895i	0.1743-0.2840i	-13.1244-9.9891i	-2.5229+11.5237i	1.1101+2.8039i	-2.3176-6.2464i
61.1	0.2629-0.4070i	0.1704-0.4831i	0.1771-0.2711i	0.1755-0.2651i	-12.7116-9.2365i	-2.6243+11.2805i	0.9769+2.7586i	-2.2248-6.0444i
61.2	0.2654-0.3877i	0.1772-0.4663i	0.1789-0.2576i	0.1765-0.2529i	-12.3972-8.7110i	-2.9935+11.3318i	0.8026+2.7739i	-2.1100-6.0781i
61.3	0.2639-0.3664i	0.1809-0.4451i	0.1768-0.2442i	0.1753-0.2392i	-11.8883-8.3004i	-3.2967+11.1154i	0.6981+2.7246i	-1.8631-6.0395i
61.4	0.2834-0.3531i	0.1964-0.4404i	0.1889-0.2370i	0.1827-0.2336i	-11.7617-7.2313i	-3.4064+11.8502i	0.4953+2.8540i	-2.0749-6.1254i
61.5	0.3053-0.3171i	0.2264-0.4146i	0.2042-0.2152i	0.1982-0.2127i	-11.5889-6.8109i	-4.4340+11.8513i	0.2986+2.8084i	-1.7942-6.3571i
61.6	0.2982-0.3058i	0.2247-0.4006i	0.2009-0.2080i	0.1969-0.2050i	-10.9228-6.4465i	-4.2296+11.6314i	0.2244+2.8383i	-1.6505-6.1465i
61.7	0.3076-0.2793i	0.2371-0.3792i	0.2070-0.1922i	0.2016-0.1854i	-10.3189-6.1958i	-4.7812+11.2064i	0.1175+2.8043i	-1.3408-6.1095i
61.8	0.3313-0.2313i	0.2582-0.3464i	0.2172-0.1668i	0.2116-0.1581i	-10.0728-6.1594i	-5.8163+10.8333i	-0.0767+2.7073i	-0.8767-6.2866i
61.9	0.3653-0.2233i	0.2843-0.3479i	0.2390-0.1620i	0.2307-0.1560i	-10.1216-5.6920i	-6.5574+11.6268i	-0.2444+2.7654i	-0.9542-6.6779i
62.0	0.3601-0.2185i	0.2794-0.3408i	0.2361-0.1619i	0.2298-0.1522i	-9.7264-5.2726i	-6.2677+11.6219i	-0.2145+2.8359i	-0.9032-6.5598i
62.1	0.3901-0.2209i	0.3080-0.3563i	0.2583-0.1668i	0.2510-0.1560i	-9.0282-5.0420i	-6.4181+12.3843i	-0.2969+3.0075i	-1.0140-6.7276i
62.2	0.4188-0.2362i	0.3344-0.3784i	0.2808-0.1779i	0.2685-0.1689i	-8.9905-4.9254i	-6.5780+13.3886i	-0.3280+3.2371i	-1.2555-7.0082i
62.3	0.4472-0.2164i	0.3601-0.3651i	0.2935-0.1661i	0.2808-0.1529i	-8.7286-5.0426i	-7.4168+13.5941i	-0.4327+3.2806i	-1.0608-7.3852i

62.4	0.4684-0.2050i	0.3761-0.3644i	0.3039-0.1585i	0.2918-0.1487i	-8.2190-4.6466i	-7.7688+14.0668i	-0.5482+3.3354i	-1.1158-7.5890i
62.5	0.5019-0.2226i	0.3947-0.3861i	0.3180-0.1695i	0.3083-0.1568i	-8.0308-4.3459i	-7.6799+14.8580i	-0.4653+3.4839i	-1.3720-7.7297i
62.6	0.5260-0.2524i	0.4095-0.4149i	0.3336-0.1887i	0.3252-0.1746i	-7.9724-4.4174i	-7.7411+15.8527i	-0.4068+3.6341i	-1.6070-8.0318i
62.7	0.5533-0.2728i	0.4213-0.4502i	0.3497-0.2102i	0.3355-0.1929i	-8.0773-4.1801i	-7.5307+17.0314i	-0.3583+3.7558i	-2.0449-8.2070i
62.8	0.5799-0.2918i	0.4441-0.4713i	0.3664-0.2238i	0.3546-0.2039i	-7.8031-3.8548i	-7.4717+17.9356i	-0.3878+3.9233i	-2.3479-8.3726i
62.9	0.6083-0.3245i	0.4532-0.5056i	0.3771-0.2464i	0.3700-0.2239i	-7.6597-3.8546i	-7.1280+19.0561i	-0.2299+4.0610i	-2.6816-8.6224i
63.0	0.6108-0.3579i	0.4374-0.5382i	0.3761-0.2697i	0.3661-0.2430i	-7.4254-3.6641i	-6.2590+19.7513i	-0.0874+4.1081i	-3.0794-8.4731i
63.1	0.6012-0.3834i	0.4194-0.5570i	0.3684-0.2840i	0.3583-0.2571i	-7.0926-3.5901i	-5.4454+20.1791i	-0.0103+4.1082i	-3.3202-8.2637i
63.2	0.5847-0.4184i	0.3977-0.5790i	0.3611-0.3054i	0.3480-0.2755i	-7.0668-3.3395i	-4.5452+20.5816i	0.1369+4.0691i	-3.6934-8.0857i
63.3	0.5752-0.4672i	0.3644-0.6234i	0.3496-0.3388i	0.3397-0.3057i	-6.9200-2.8846i	-3.0654+21.5084i	0.3389+4.0580i	-4.3814-7.8406i
63.4	0.5681-0.5014i	0.3424-0.6492i	0.3397-0.3592i	0.3308-0.3242i	-6.7834-2.5941i	-2.0042+21.9966i	0.4875+4.0431i	-4.7698-7.5642i
63.5	0.5425-0.5290i	0.3168-0.6585i	0.3219-0.3735i	0.3179-0.3370i	-6.3839-2.7369i	-1.0864+21.8861i	0.6394+3.9431i	-4.9016-7.2065i
63.6	0.5226-0.5558i	0.2894-0.6740i	0.3069-0.3896i	0.3053-0.3542i	-6.2689-2.6183i	-0.0837+21.9936i	0.7653+3.8636i	-5.2250-6.9405i
63.7	0.5009-0.5768i	0.2595-0.6825i	0.2897-0.4050i	0.2874-0.3656i	-6.1221-2.1968i	1.0618+22.0476i	0.7299+3.7427i	-5.4983-6.6160i
63.8	0.4734-0.5921i	0.2339-0.6949i	0.2701-0.4143i	0.2735-0.3744i	-5.9379-2.0164i	2.0082+21.9734i	0.8283+3.6750i	-5.7255-6.3242i
63.9	0.4518-0.6081i	0.2140-0.7046i	0.2546-0.4223i	0.2628-0.3831i	-5.8041-2.0788i	2.7361+21.6921i	0.9105+3.5286i	-5.8068-6.0010i
64.0	0.4272-0.6157i	0.1875-0.6983i	0.2383-0.4267i	0.2468-0.3816i	-5.2619-2.0288i	3.4658+21.1384i	1.0410+3.4055i	-5.8386-5.5835i
64.1	0.3918-0.6198i	0.1564-0.6893i	0.2148-0.4269i	0.2257-0.3832i	-5.0451-1.8942i	4.3066+20.4837i	1.1036+3.2135i	-5.8490-5.1845i
64.2	0.3494-0.6357i	0.1176-0.6934i	0.1839-0.4320i	0.2010-0.3938i	-5.1061-1.7433i	5.1492+20.1357i	1.1784+3.0330i	-5.9339-4.8906i
64.3	0.3165-0.6367i	0.0830-0.6914i	0.1649-0.4311i	0.1830-0.3970i	-4.8734-1.4648i	5.9492+19.7503i	1.1286+2.9619i	-5.9667-4.5401i
64.4	0.2828-0.6251i	0.0537-0.6788i	0.1458-0.4288i	0.1633-0.3877i	-4.7250-1.3862i	6.5792+19.0397i	0.9953+2.8370i	-5.8935-4.1352i
64.5	0.2641-0.6176i	0.0388-0.6631i	0.1294-0.4248i	0.1502-0.3811i	-4.4920-1.4665i	6.9344+18.4590i	1.0397+2.7342i	-5.7438-3.8323i
64.6	0.2450-0.6061i	0.0189-0.6449i	0.1153-0.4141i	0.1352-0.3732i	-4.0627-1.3311i	7.3731+17.8638i	1.0204+2.6426i	-5.7135-3.5545i
64.7	0.2084-0.5984i	-0.0090-0.6321i	0.0918-0.4064i	0.1153-0.3695i	-4.0675-1.1825i	7.8216+17.3158i	0.9441+2.5411i	-5.6789-3.2946i
64.8	0.1998-0.5856i	-0.0156-0.6209i	0.0827-0.4009i	0.1104-0.3642i	-3.7956-1.2807i	7.9816+16.9869i	0.8795+2.4446i	-5.4990-3.0778i
64.9	0.1832-0.5745i	-0.0311-0.5997i	0.0715-0.3891i	0.1001-0.3534i	-3.5363-1.2292i	8.2487+16.4003i	0.8202+2.3573i	-5.4086-2.8310i
65.0	0.1637-0.5645i	-0.0509-0.5906i	0.0651-0.3819i	0.0900-0.3468i	-3.4941-1.3315i	8.6589+15.8838i	0.8113+2.2336i	-5.3684-2.7013i
65.1	0.1504-0.5454i	-0.0629-0.5757i	0.0538-0.3726i	0.0819-0.3369i	-3.2844-1.3179i	8.8559+15.3028i	0.7430+2.1887i	-5.2310-2.5283i
65.2	0.1367-0.5320i	-0.0748-0.5552i	0.0389-0.3640i	0.0737-0.3286i	-3.0056-1.4175i	9.0743+14.5681i	0.7777+2.0631i	-5.1022-2.2806i
65.3	0.1363-0.5236i	-0.0873-0.5405i	0.0328-0.3541i	0.0712-0.3247i	-2.7600-1.2175i	9.1452+14.1563i	0.6811+1.9723i	-5.0065-2.0643i
65.4	0.1291-0.5109i	-0.0933-0.5272i	0.0266-0.3451i	0.0653-0.3160i	-2.7360-1.2490i	9.1565+13.7976i	0.5319+1.9130i	-4.8288-1.9106i
65.5	0.1172-0.4961i	-0.1053-0.5111i	0.0198-0.3349i	0.0551-0.3084i	-2.8018-1.0649i	9.2379+13.2657i	0.4354+1.9078i	-4.7076-1.8362i
65.6	0.1093-0.4814i	-0.1180-0.4930i	0.0142-0.3246i	0.0499-0.3006i	-2.7789-0.9149i	9.3439+12.8214i	0.3592+1.8349i	-4.6115-1.6942i
65.7	0.1052-0.4694i	-0.1212-0.4701i	0.0100-0.3129i	0.0448-0.2893i	-2.3841-0.8673i	9.3682+12.2273i	0.2749+1.8169i	-4.5372-1.5450i
65.8	0.1014-0.4626i	-0.1219-0.4578i	0.0071-0.3087i	0.0432-0.2854i	-2.3016-1.0239i	9.5162+11.7499i	0.2810+1.7280i	-4.4334-1.4211i
65.9	0.0988-0.4577i	-0.1310-0.4487i	0.0040-0.2989i	0.0394-0.2827i	-2.2166-0.8719i	9.5873+11.5773i	0.1482+1.7079i	-4.3382-1.3087i
66.0	0.0950-0.4481i	-0.1399-0.4296i	-0.0049-0.2875i	0.0327-0.2706i	-2.0557-0.9581i	9.6184+10.9873i	0.0235+1.6472i	-4.1390-1.1832i
66.1	0.0957-0.4361i	-0.1333-0.4078i	-0.0060-0.2775i	0.0343-0.2622i	-1.8247-0.8499i	9.4168+10.6503i	-0.0637+1.7468i	-4.0466-1.0929i
66.2	0.0894-0.4279i	-0.1334-0.3921i	-0.0036-0.2661i	0.0330-0.2576i	-1.4923-0.8774i	9.2635+10.2489i	-0.1492+1.7090i	-3.9494-0.8794i
66.3	0.0905-0.4262i	-0.1284-0.3844i	-0.0027-0.2618i	0.0376-0.2523i	-1.3097-0.9477i	9.1987+10.0172i	-0.1455+1.6626i	-3.8263-0.7531i
66.4	0.0891-0.4219i	-0.1180-0.3662i	-0.0008-0.2538i	0.0381-0.2437i	-0.9702-0.9671i	9.0382+9.5903i	-0.2509+1.6587i	-3.6800-0.6980i
66.5	0.0814-0.4148i	-0.1204-0.3481i	-0.0065-0.2503i	0.0315-0.2403i	-0.9977-1.0140i	8.9216+9.1461i	-0.4405+1.6110i	-3.5769-0.6017i
66.6	0.0757-0.4064i	-0.1269-0.3486i	-0.0095-0.2426i	0.0264-0.2377i	-0.9640-0.9002i	9.0166+8.9847i	-0.4187+1.5344i	-3.4208-0.5528i
66.7	0.0721-0.4008i	-0.1194-0.3383i	-0.0089-0.2382i	0.0291-0.2332i	-0.5677-0.9993i	8.8670+8.6962i	-0.4153+1.6316i	-3.2755-0.4431i
66.8	0.0653-0.3888i	-0.1241-0.3246i	-0.0119-0.2297i	0.0244-0.2253i	-0.2308-0.6907i	8.7756+8.4360i	-0.5507+1.5931i	-3.1754-0.3469i
66.9	0.0662-0.3825i	-0.1258-0.3155i	-0.0106-0.2261i	0.0226-0.2202i	0.0191-0.7762i	8.6961+8.2216i	-0.5431+1.4946i	-3.0982-0.3264i
67.0	0.0658-0.3802i	-0.1124-0.3123i	-0.0110-0.2261i	0.0268-0.2178i	0.3159-1.2536i	8.6821+7.9581i	-0.5703+1.5576i	-2.8998-0.2902i
67.1	0.0671-0.3791i	-0.1092-0.3011i	-0.0133-0.2158i	0.0267-0.2189i	0.4998-1.1231i	8.5629+7.7883i	-0.6373+1.5614i	-2.7665-0.2235i
67.2	0.0673-0.3717i	-0.1078-0.2865i	-0.0119-0.2092i	0.0252-0.2126i	0.5247-1.2039i	8.4727+7.4798i	-0.6786+1.5017i	-2.6500-0.1400i
67.3	0.0630-0.3580i	-0.1107-0.2819i	-0.0148-0.2059i	0.0230-0.2052i	0.6116-1.2878i	8.5034+7.2466i	-0.6788+1.4793i	-2.5600-0.1365i
67.4	0.0580-0.3546i	-0.1048-0.2722i	-0.0156-0.1980i	0.0280-0.1983i	0.9459-1.4916i	8.3021+7.0068i	-0.6940+1.5126i	-2.4043-0.0704i
67.5	0.0537-0.3512i	-0.0997-0.2622i	-0.0171-0.1937i	0.0305-0.1935i	1.0906-1.5888i	8.1715+6.8850i	-0.7689+1.4806i	-2.3328-0.0204i
67.6	0.0520-0.3452i	-0.0933-0.2545i	-0.0137-0.1899i	0.0301-0.1899i	1.3660-1.7458i	8.0081+6.7265i	-0.7579+1.5208i	-2.2677-0.0093i
67.7	0.0567-0.3310i	-0.0813-0.2466i	-0.0108-0.1797i	0.0292-0.1851i	1.8766-2.0484i	7.8315+6.4308i	-0.8056+1.5759i	-2.1017+0.0383i
67.8	0.0606-0.3201i	-0.0737-0.2304i	-0.0091-0.1659i	0.0303-0.1788i	2.0304-2.1390i	7.6540+6.1987i	-1.0062+1.5056i	-1.9797+0.1033i
67.9	0.0608-0.3214i	-0.0657-0.2332i	-0.0068-0.1670i	0.0331-0.1828i	1.9549-2.6103i	7.5019+6.1159i	-1.0717+1.4394i	-1.8469+0.1311i
68.0	0.0623-0.3144i	-0.0566-0.2243i	-0.0003-0.1606i	0.0384-0.1704i	2.3872-2.7355i	7.4165+5.9178i	-0.9914+1.3472i	-1.6571+0.2060i
68.1	0.0615-0.3073i	-0.0525-0.2177i	0.0004-0.1553i	0.0420-0.1676i	2.6796-2.8184i	7.3311+5.7988i	-1.0326+1.2917i	-1.5323+0.1941i
68.2	0.0756-0.3071i	-0.0335-0.2263i	0.0139-0.1562i	0.0494-0.1749i	2.8570-3.5056i	7.0619+5.8262i	-1.0226+1.3770i	-1.3609+0.2158i
68.3	0.0833-0.3051i	-0.0111-0.2223i	0.0298-0.1543i	0.0581-0.1721i	3.2816-4.1643i	6.7752+5.6795i	-1.1173+1.3275i	-1.2716+0.1847i
68.4	0.0832-0.3060i	-0.0115-0.2148i	0.0282-0.1517i	0.0615-0.1727i	3.3794-4.4280i	6.6347+5.4904i	-1.2369+1.2544i	-1.1934+0.1765i
68.5	0.0877-0.3090i	0.0019-0.2222i	0.0343-0.1495i	0.0655-0.1719i	3.4328-4.8987i	6.5153+5.4792i	-1.2086+1.1955i	-0.9773+0.1201i
68.6	0.0953-0.3131i	0.0206-0.2250i	0.0388-0.1485i	0.0708-0.1719i	3.4119-5.3395i	6.2896+5.4254i	-1.1903+1.2395i	-0.8186-0.0202i

68.7	0.0949-0.3191i	0.0356-0.2324i	0.0456-0.1512i	0.0766-0.1775i	3.4412-6.2083i	6.1564+5.4077i	-1.2451+1.0206i	-0.7523-0.0029i
68.8	0.0869-0.3225i	0.0344-0.2415i	0.0440-0.1557i	0.0739-0.1857i	2.9577-6.5714i	6.0481+5.4096i	-1.3903+0.9618i	-0.6537+0.0455i
68.9	0.0855-0.3300i	0.0432-0.2661i	0.0498-0.1697i	0.0727-0.1961i	2.4529-7.1195i	5.8485+5.5103i	-1.5596+0.9287i	-0.5904-0.0525i
69.0	0.0891-0.3368i	0.0524-0.2864i	0.0548-0.1762i	0.0750-0.2049i	2.3932-7.8797i	5.8015+5.6572i	-1.5915+0.8877i	-0.4336-0.2221i
69.1	0.0835-0.3424i	0.0570-0.2995i	0.0576-0.1813i	0.0755-0.2074i	2.1554-8.3125i	5.8060+5.7275i	-1.7019+0.8084i	-0.3440-0.2640i
69.2	0.0733-0.3457i	0.0440-0.3130i	0.0528-0.1889i	0.0675-0.2158i	1.4536-8.4596i	5.8186+5.7355i	-1.9479+0.7103i	-0.3434-0.3239i
69.3	0.0657-0.3437i	0.0440-0.3205i	0.0520-0.1902i	0.0638-0.2190i	1.0917-8.5815i	5.7332+5.8253i	-2.0503+0.6695i	-0.2921-0.3125i
69.4	0.0544-0.3459i	0.0407-0.3355i	0.0522-0.1948i	0.0616-0.2180i	0.6672-9.1537i	5.8060+5.8900i	-2.0772+0.5881i	-0.2583-0.4133i
69.5	0.0418-0.3414i	0.0305-0.3419i	0.0412-0.1978i	0.0545-0.2199i	-0.0442-9.0336i	5.8500+5.8704i	-2.3484+0.6630i	-0.1104-0.3394i
69.6	0.0294-0.3423i	0.0126-0.3751i	0.0325-0.2126i	0.0453-0.2321i	-1.0260-9.2473i	5.9000+5.9051i	-2.6926+0.6809i	-0.2133-0.6415i
69.7	0.0238-0.3370i	-0.0105-0.3806i	0.0276-0.2132i	0.0346-0.2305i	-1.4525-9.1029i	5.9227+5.8916i	-2.7933+0.7559i	-0.2520-0.6191i
69.8	0.0154-0.3330i	-0.0320-0.3863i	0.0192-0.2149i	0.0259-0.2327i	-1.8673-8.9386i	6.0173+5.9123i	-2.8650+0.7549i	-0.1877-0.5610i
69.9	0.0003-0.3293i	-0.0531-0.3875i	0.0077-0.2130i	0.0149-0.2366i	-2.2421-9.0210i	6.2344+5.9285i	-2.9328+0.7820i	-0.2224-0.6390i
70.0	-0.0023-0.3202i	-0.0721-0.3942i	0.0019-0.2160i	0.0049-0.2342i	-2.9111-9.1816i	6.3869+5.8356i	-3.2057+0.7850i	-0.1968-0.7914i
70.1	-0.0107-0.3110i	-0.0889-0.3864i	-0.0080-0.2136i	-0.0029-0.2266i	-3.3352-8.7661i	6.3873+5.7415i	-3.4547+0.8313i	-0.2790-0.7498i
70.2	-0.0125-0.3004i	-0.0975-0.3806i	-0.0103-0.2064i	-0.0074-0.2180i	-3.6502-8.2537i	6.3854+5.6544i	-3.6049+1.0321i	-0.2588-0.6267i
70.3	-0.0083-0.2928i	-0.1152-0.3857i	-0.0175-0.2047i	-0.0156-0.2195i	-3.9362-7.9965i	6.4967+5.6432i	-3.6412+1.1458i	-0.2196-0.7319i
70.4	-0.0219-0.2813i	-0.1302-0.3687i	-0.0256-0.1944i	-0.0248-0.2159i	-4.4834-7.9961i	6.5504+5.4448i	-3.9049+1.0856i	-0.4003-0.6759i
70.5	-0.0277-0.2672i	-0.1430-0.3520i	-0.0291-0.1888i	-0.0319-0.2040i	-4.5296-7.5537i	6.6200+5.2647i	-4.1205+1.0744i	-0.2622-0.6208i
70.6	-0.0250-0.2599i	-0.1580-0.3409i	-0.0360-0.1861i	-0.0374-0.2010i	-4.8990-7.2219i	6.7498+5.1045i	-4.3335+1.2624i	-0.3531-0.7050i
70.7	-0.0234-0.2529i	-0.1720-0.3281i	-0.0394-0.1829i	-0.0440-0.1967i	-5.1352-6.9624i	6.8349+5.0615i	-4.3762+1.4056i	-0.3682-0.6888i
70.8	-0.0320-0.2378i	-0.1801-0.3088i	-0.0470-0.1715i	-0.0460-0.1851i	-5.2859-6.3901i	6.7547+4.8382i	-4.4287+1.4704i	-0.2675-0.4656i
70.9	-0.0294-0.2323i	-0.1941-0.3007i	-0.0527-0.1597i	-0.0504-0.1797i	-5.4907-5.9842i	6.7206+4.6861i	-4.4946+1.5082i	-0.3130-0.5385i
71.0	-0.0151-0.2238i	-0.1966-0.2976i	-0.0517-0.1579i	-0.0547-0.1756i	-5.2461-5.7411i	6.7200+4.6581i	-4.4355+1.6487i	-0.1758-0.6906i
71.1	-0.0179-0.2144i	-0.1998-0.2774i	-0.0496-0.1521i	-0.0581-0.1599i	-5.3472-5.4821i	6.7523+4.4745i	-4.7429+1.8383i	-0.0827-0.6008i
71.2	-0.0179-0.2080i	-0.2085-0.2617i	-0.0506-0.1453i	-0.0583-0.1498i	-5.4899-5.2521i	6.7910+4.2521i	-5.0087+1.8864i	-0.1229-0.4600i
71.3	-0.0157-0.2040i	-0.2124-0.2533i	-0.0508-0.1414i	-0.0557-0.1477i	-5.4735-5.1246i	6.8737+4.2953i	-5.0106+1.8572i	-0.0125-0.4195i
71.4	-0.0128-0.1979i	-0.2198-0.2385i	-0.0550-0.1336i	-0.0566-0.1450i	-5.4982-4.8107i	6.7988+4.2142i	-5.1313+1.9862i	-0.0475-0.3985i
71.5	-0.0094-0.1845i	-0.2195-0.2221i	-0.0561-0.1233i	-0.0567-0.1346i	-5.5276-4.5660i	6.6722+3.9984i	-5.1474+2.1210i	0.0703-0.3384i
71.6	-0.0062-0.1850i	-0.2162-0.2034i	-0.0553-0.1172i	-0.0560-0.1257i	-5.3260-4.4128i	6.6603+3.8834i	-5.1139+2.2277i	0.0249-0.1945i
71.7	0.0035-0.1819i	-0.2174-0.1921i	-0.0552-0.1161i	-0.0565-0.1218i	-5.4078-4.1285i	6.6652+3.8300i	-5.4004+2.3285i	-0.0619-0.1582i
71.8	0.0026-0.1716i	-0.2147-0.1749i	-0.0532-0.1050i	-0.0549-0.1162i	-5.5108-3.7764i	6.5768+3.6076i	-5.6036+2.4532i	0.1293-0.1681i
71.9	0.0075-0.1663i	-0.2101-0.1593i	-0.0483-0.1025i	-0.0508-0.1101i	-5.3784-3.5510i	6.5278+3.4879i	-5.6023+2.6307i	0.2305-0.1769i
72.0	0.0201-0.1683i	-0.2074-0.1535i	-0.0449-0.1015i	-0.0430-0.1081i	-5.2058-3.5350i	6.4212+3.3849i	-5.6504+2.8454i	0.1279-0.3092i
72.1	0.0235-0.1573i	-0.2045-0.1477i	-0.0418-0.0962i	-0.0429-0.0981i	-5.2965-3.3909i	6.4536+3.2729i	-5.9396+3.0221i	0.3324-0.3619i
72.2	0.0164-0.1536i	-0.1894-0.1277i	-0.0404-0.0848i	-0.0400-0.0916i	-5.3243-3.0692i	6.2985+3.1980i	-6.1260+3.2816i	0.3562+0.1630i
72.3	0.0234-0.1513i	-0.1786-0.1195i	-0.0322-0.0775i	-0.0368-0.0848i	-5.0483-2.8075i	6.3109+3.1662i	-6.0112+3.3420i	0.6872+0.0807i
72.4	0.0280-0.1503i	-0.1729-0.1137i	-0.0284-0.0757i	-0.0358-0.0869i	-4.7849-2.6536i	6.3078+3.1069i	-6.1254+3.6230i	0.7954+0.0208i
72.5	0.0291-0.1422i	-0.1697-0.1058i	-0.0291-0.0714i	-0.0351-0.0816i	-4.5799-2.6688i	6.2317+2.8803i	-6.3294+3.8147i	0.8910+0.1013i
72.6	0.0340-0.1399i	-0.1638-0.0939i	-0.0292-0.0685i	-0.0336-0.0712i	-4.8116-2.4137i	6.1849+2.8142i	-6.3434+3.7970i	1.0828+0.0343i
72.7	0.0425-0.1394i	-0.1622-0.0840i	-0.0253-0.0658i	-0.0283-0.0702i	-4.9568-2.2806i	6.0551+2.8477i	-6.3162+4.1646i	1.1804+0.0677i
72.8	0.0389-0.1399i	-0.1494-0.0683i	-0.0186-0.0589i	-0.0254-0.0678i	-4.6995-2.0887i	6.0156+2.7493i	-6.4749+4.3168i	1.1137+0.3385i
72.9	0.0400-0.1427i	-0.1389-0.0609i	-0.0216-0.0570i	-0.0142-0.0635i	-4.6045-1.9043i	5.9857+2.5714i	-6.8961+4.4855i	0.9851+0.2523i
73.0	0.0460-0.1376i	-0.1380-0.0611i	-0.0156-0.0540i	-0.0122-0.0604i	-4.6045-1.7919i	5.8977+2.4110i	-6.8019+4.7725i	1.1495-0.0175i
73.1	0.0530-0.1339i	-0.1314-0.0503i	-0.0069-0.0541i	-0.0105-0.0569i	-4.2818-1.8589i	5.9849+2.3039i	-6.6272+4.5996i	1.2919-0.4310i
73.2	0.0575-0.1340i	-0.1135-0.0503i	0.0018-0.0541i	-0.0044-0.0544i	-4.0123-1.8676i	6.0038+2.2874i	-6.9396+4.8269i	1.3923-0.4106i
73.3	0.0610-0.1226i	-0.1085-0.0546i	0.0007-0.0464i	-0.0023-0.0481i	-4.1331-1.5796i	5.8791+2.1830i	-7.3804+5.2654i	1.5649-0.1941i
73.4	0.0744-0.1208i	-0.1127-0.0485i	-0.0014-0.0481i	-0.0000-0.0460i	-4.1436-1.6480i	5.7461+2.0128i	-7.5086+5.3357i	1.5145-0.3382i
73.5	0.0744-0.1228i	-0.0932-0.0447i	0.0055-0.0489i	0.0037-0.0441i	-3.9245-1.4924i	5.6876+2.0362i	-7.6826+5.5766i	1.6218-0.3138i
73.6	0.0741-0.1187i	-0.0875-0.0471i	0.0082-0.0505i	0.0085-0.0466i	-3.8416-1.3982i	5.6506+1.9616i	-8.0885+5.6586i	1.4024-0.3269i
73.7	0.0794-0.1270i	-0.0841-0.0435i	0.0097-0.0487i	0.0180-0.0467i	-3.9303-1.4570i	5.5802+1.9074i	-8.2364+6.2131i	1.2693-0.2786i
73.8	0.0883-0.1199i	-0.0737-0.0393i	0.0160-0.0456i	0.0209-0.0466i	-3.6670-1.4414i	5.4819+1.8990i	-7.7504+6.6624i	1.6914-0.4162i
73.9	0.1009-0.1165i	-0.0675-0.0385i	0.0217-0.0451i	0.0216-0.0476i	-3.4715-1.3384i	5.3681+1.7777i	-8.0127+6.8653i	1.7744-0.5051i
74.0	0.1006-0.1154i	-0.0596-0.0443i	0.0229-0.0426i	0.0260-0.0440i	-3.3969-1.2060i	5.4000+1.6774i	-8.0946+7.2406i	1.9570-0.3939i
74.1	0.0937-0.1071i	-0.0519-0.0469i	0.0270-0.0428i	0.0295-0.0392i	-3.2635-1.1925i	5.3928+1.6223i	-7.8645+7.2622i	2.1957-0.4273i
74.2	0.1077-0.1084i	-0.0481-0.0448i	0.0326-0.0422i	0.0355-0.0404i	-3.0060-1.0547i	5.2900+1.5852i	-7.9083+7.8759i	2.1612-0.6298i
74.3	0.1086-0.1108i	-0.0408-0.0463i	0.0330-0.0433i	0.0352-0.0405i	-2.9656-1.0761i	5.2517+1.5734i	-7.9664+8.2613i	2.2109-0.6755i
74.4	0.1208-0.1143i	-0.0294-0.0434i	0.0416-0.0437i	0.0397-0.0410i	-2.9631-1.0732i	5.1323+1.4662i	-8.0244+8.7919i	2.1931-1.0221i
74.5	0.1268-0.1146i	-0.0227-0.0392i	0.0490-0.0417i	0.0488-0.0423i	-3.0183-0.9124i	5.0333+1.3804i	-8.1790+9.9071i	2.1005-0.6689i
74.6	0.1266-0.1117i	-0.0125-0.0411i	0.0526-0.0412i	0.0516-0.0418i	-3.0649-1.0720i	5.0124+1.3139i	-8.3292+10.1114i	1.9822-0.6253i
74.7	0.1338-0.1067i	-0.0108-0.0490i	0.0536-0.0414i	0.0540-0.0398i	-2.7673-1.1149i	5.0116+1.2274i	-7.9822+10.2207i	2.4323-0.8562i
74.8	0.1427-0.1029i	-0.0048-0.0459i	0.0554-0.0387i	0.0595-0.0353i	-2.5472-1.0433i	4.9582+1.1675i	-8.1880+10.5332i	2.3205-0.9616i
74.9	0.1514-0.0976i	0.0013-0.0483i	0.0626-0.0406i	0.0666-0.0363i	-2.4748-1.0323i	4.8373+1.1043i	-8.1589+10.7446i	2.2456-1.1505i

75.0	0.1621-0.0947i	0.0065-0.0516i	0.0672-0.0412i	0.0725-0.0367i	-2.3981-1.1240i	4.7366+0.9871i	-8.1955+11.6415i	2.2802-1.1516i
75.1	0.1668-0.1018i	0.0111-0.0568i	0.0676-0.0424i	0.0779-0.0384i	-2.3342-1.1376i	4.6945+0.9583i	-7.8838+12.1831i	2.3088-1.0545i
75.2	0.1767-0.1095i	0.0145-0.0562i	0.0731-0.0487i	0.0816-0.0432i	-2.2102-1.0541i	4.6177+0.9344i	-7.8638+12.4421i	2.1760-1.2763i
75.3	0.1827-0.1143i	0.0223-0.0663i	0.0806-0.0485i	0.0819-0.0469i	-2.1232-1.1485i	4.4690+0.8776i	-6.9845+13.1381i	2.3057-1.0293i
75.4	0.1837-0.1108i	0.0218-0.0746i	0.0809-0.0454i	0.0847-0.0507i	-1.8760-1.0033i	4.4013+0.8635i	-6.0234+13.6666i	2.6719-0.9144i
75.5	0.1941-0.1198i	0.0264-0.0731i	0.0832-0.0481i	0.0897-0.0558i	-1.7690-1.0788i	4.3214+0.7707i	-5.5698+14.2721i	2.7884-0.9890i
75.6	0.2114-0.1201i	0.0319-0.0730i	0.0947-0.0502i	0.1000-0.0581i	-1.7517-1.0814i	4.2356+0.7428i	-5.6549+14.9878i	2.6389-0.9846i
75.7	0.2210-0.1228i	0.0324-0.0784i	0.0961-0.0532i	0.1024-0.0601i	-1.7164-1.0754i	4.2119+0.7349i	-5.4482+15.1941i	2.6409-1.0014i
75.8	0.2273-0.1350i	0.0294-0.0853i	0.0966-0.0582i	0.1034-0.0654i	-1.7084-1.3444i	4.1229+0.7496i	-5.0788+15.2958i	2.6356-0.8489i
75.9	0.2310-0.1577i	0.0320-0.0916i	0.0937-0.0685i	0.1047-0.0727i	-1.6492-1.4315i	3.9683+0.7443i	-3.9976+15.9655i	2.8901-0.6639i
76.0	0.2297-0.1733i	0.0351-0.0895i	0.1007-0.0742i	0.1059-0.0806i	-1.6439-1.3741i	3.8699+0.7647i	-3.0016+16.4159i	2.8854-0.6917i
76.1	0.2359-0.1707i	0.0399-0.0928i	0.1073-0.0714i	0.1103-0.0824i	-1.6537-1.3109i	3.8433+0.7053i	-2.7598+17.0218i	2.9213-0.5775i
76.2	0.2272-0.1665i	0.0390-0.0963i	0.1000-0.0735i	0.1072-0.0824i	-1.6064-1.2944i	3.8070+0.7157i	-1.8289+16.1149i	3.2945-0.6123i
76.3	0.2342-0.1859i	0.0390-0.1016i	0.1004-0.0819i	0.1078-0.0888i	-1.6787-1.4950i	3.7117+0.7222i	-0.3810+16.4543i	3.6685-0.7382i
76.4	0.2364-0.1967i	0.0376-0.1044i	0.1016-0.0881i	0.1102-0.0943i	-1.6650-1.4240i	3.6005+0.6894i	0.1358+16.8923i	3.7428-0.7355i
76.5	0.2385-0.1957i	0.0392-0.1002i	0.1076-0.0825i	0.1133-0.0916i	-1.6682-1.5430i	3.5405+0.5708i	0.1482+17.1517i	3.7754-0.8735i
76.6	0.2268-0.1971i	0.0490-0.1053i	0.1126-0.0865i	0.1066-0.0976i	-1.5222-1.5817i	3.5692+0.6339i	0.7621+16.8575i	3.8779-0.8759i
76.7	0.2134-0.1943i	0.0446-0.1142i	0.1051-0.0883i	0.1004-0.0986i	-1.5292-1.5288i	3.5424+0.6673i	1.6997+16.5023i	4.4531-0.6976i
76.8	0.2246-0.1992i	0.0483-0.1177i	0.1051-0.0916i	0.1122-0.0944i	-1.5475-1.6233i	3.4427+0.6994i	2.1062+16.7899i	4.4274-0.5304i
76.9	0.2289-0.2078i	0.0531-0.1242i	0.1058-0.0983i	0.1124-0.1017i	-1.4363-1.8116i	3.3703+0.7470i	2.9946+16.6746i	4.4964-0.5362i
77.0	0.2104-0.2089i	0.0501-0.1218i	0.0984-0.1003i	0.0993-0.1060i	-1.5282-1.7123i	3.3385+0.6667i	3.8097+15.6282i	4.9608-0.8662i
77.1	0.2203-0.2096i	0.0511-0.1184i	0.1010-0.1043i	0.1009-0.1070i	-1.6906-1.6553i	3.3576+0.6036i	4.1563+15.2836i	5.1559-1.4218i
77.2	0.2241-0.2154i	0.0527-0.1240i	0.1062-0.1063i	0.1045-0.1049i	-1.5614-1.6533i	3.1960+0.7031i	4.7614+14.4997i	5.2031-1.6497i
77.3	0.2305-0.2117i	0.0549-0.1312i	0.1074-0.1042i	0.1079-0.1039i	-1.6224-1.6776i	3.1596+0.6512i	5.1716+14.4415i	5.5107-1.8967i
77.4	0.2356-0.2019i	0.0498-0.1285i	0.1088-0.0980i	0.1085-0.1034i	-1.6351-1.7021i	3.1131+0.5500i	5.5404+14.1094i	5.8864-2.3754i
77.5	0.2448-0.2010i	0.0518-0.1299i	0.1133-0.0954i	0.1063-0.1062i	-1.5453-1.6536i	3.0277+0.4494i	5.7063+13.7065i	5.9308-2.6843i
77.6	0.2379-0.2052i	0.0486-0.1341i	0.1081-0.1002i	0.1078-0.1054i	-1.5702-1.5341i	3.0757+0.5120i	5.9133+13.0960i	6.0516-2.6616i
77.7	0.2509-0.1981i	0.0533-0.1377i	0.1117-0.0967i	0.1151-0.1000i	-1.4580-1.6556i	3.0180+0.4366i	5.8496+12.7454i	6.3612-3.0095i
77.8	0.2700-0.2031i	0.0562-0.1382i	0.1216-0.0964i	0.1171-0.1019i	-1.4534-1.7464i	2.8861+0.3847i	6.0574+12.2019i	6.4034-3.6318i
77.9	0.2815-0.2123i	0.0626-0.1387i	0.1286-0.1017i	0.1218-0.1070i	-1.4772-1.7409i	2.7328+0.3591i	6.4266+11.6630i	6.3854-4.1462i
78.0	0.2829-0.2181i	0.0527-0.1517i	0.1241-0.1120i	0.1213-0.1203i	-1.5518-1.8820i	2.6943+0.4798i	7.0836+11.3565i	6.6128-3.9719i
78.1	0.2977-0.2306i	0.0541-0.1511i	0.1326-0.1166i	0.1298-0.1218i	-1.5711-1.8076i	2.7127+0.5424i	6.7987+11.2758i	6.5479-4.3190i
78.2	0.2905-0.2439i	0.0558-0.1591i	0.1334-0.1230i	0.1303-0.1258i	-1.6445-1.7073i	2.6750+0.5540i	6.5463+10.8668i	6.2203-4.4025i
78.3	0.2898-0.2378i	0.0570-0.1643i	0.1303-0.1198i	0.1264-0.1175i	-1.4885-1.7063i	2.6671+0.4925i	6.2898+10.0746i	6.4025-4.5263i
78.4	0.3049-0.2531i	0.0532-0.1702i	0.1317-0.1279i	0.1294-0.1245i	-1.4180-1.8127i	2.5765+0.5099i	6.6158+9.9030i	6.6035-4.8511i
78.5	0.3128-0.2711i	0.0506-0.1734i	0.1351-0.1349i	0.1293-0.1338i	-1.3419-1.8833i	2.5050+0.5204i	6.7706+10.0275i	6.5595-4.9800i
78.6	0.3266-0.2947i	0.0515-0.1780i	0.1331-0.1398i	0.1412-0.1432i	-1.3944-1.9036i	2.3662+0.5416i	6.5985+9.7300i	6.2403-5.7506i
78.7	0.3359-0.3006i	0.0533-0.1815i	0.1370-0.1469i	0.1399-0.1462i	-1.5119-1.8659i	2.3198+0.4404i	6.6918+9.0348i	6.4356-6.4460i
78.8	0.3260-0.3097i	0.0416-0.1773i	0.1410-0.1534i	0.1328-0.1498i	-1.7337-1.7249i	2.1980+0.4347i	6.5629+8.0358i	6.1454-6.9612i
78.9	0.3244-0.3147i	0.0419-0.1733i	0.1384-0.1494i	0.1314-0.1454i	-1.7745-1.5971i	2.1392+0.4239i	5.6610+7.3862i	5.5191-7.2686i
79.0	0.3423-0.3255i	0.0539-0.1784i	0.1444-0.1512i	0.1413-0.1517i	-1.4818-1.4565i	2.1391+0.5346i	4.1833+8.6426i	4.8040-6.6184i
79.1	0.3300-0.3461i	0.0525-0.1939i	0.1392-0.1645i	0.1409-0.1640i	-1.4972-1.5946i	2.2346+0.6422i	4.4666+9.5916i	5.0243-5.9360i
79.2	0.3298-0.3681i	0.0491-0.1940i	0.1406-0.1746i	0.1436-0.1726i	-1.5061-1.6957i	2.1459+0.6762i	5.0885+9.4672i	5.3092-6.3605i
79.3	0.3369-0.3796i	0.0504-0.1968i	0.1438-0.1771i	0.1424-0.1767i	-1.2521-1.6516i	2.1037+0.6362i	5.3711+9.6087i	5.5946-6.8302i
79.4	0.3459-0.3898i	0.0469-0.2024i	0.1437-0.1767i	0.1485-0.1747i	-1.2986-1.7745i	1.9800+0.5945i	5.3471+9.4465i	5.5804-7.6330i
79.5	0.3391-0.4123i	0.0347-0.2104i	0.1392-0.1869i	0.1417-0.1798i	-1.3850-1.7874i	1.9247+0.5913i	5.5725+9.1381i	5.5102-7.7953i
79.6	0.3289-0.4328i	0.0289-0.2114i	0.1292-0.1998i	0.1345-0.1953i	-1.3280-1.7977i	1.9692+0.6262i	5.9668+9.0488i	5.3830-8.0078i
79.7	0.3194-0.4360i	0.0312-0.2119i	0.1238-0.2026i	0.1297-0.1975i	-1.4012-1.7845i	1.9899+0.6991i	5.9158+8.8973i	5.1275-8.2045i
79.8	0.3194-0.4554i	0.0267-0.2146i	0.1261-0.2032i	0.1332-0.2036i	-1.4940-1.6862i	1.8674+0.7155i	6.0142+8.9292i	4.9145-8.6455i
79.9	0.3180-0.4769i	0.0185-0.2160i	0.1238-0.2137i	0.1317-0.2131i	-1.3848-1.9148i	1.7746+0.7667i	6.1765+8.8373i	4.6475-8.9275i
80.0	0.2963-0.4847i	0.0125-0.2123i	0.1140-0.2205i	0.1226-0.2142i	-1.3000-1.7168i	1.7139+0.7246i	6.0609+8.5922i	4.2424-9.0746i

1.1.9 Run 3 – IP315 – NF and AF gauges

In-plane shaking at 315°. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.3025+0.0000i	-0.0594+0.0000i	0.9557+0.0000i	1.9224+0.0000i	-0.0287+0.0000i	-0.0433+0.0000i	-0.0051+0.0000i	0.0507+0.0000i
0.1	0.3112+0.0014i	-0.0581+0.0012i	0.9370+0.0187i	1.9084-0.0126i	-0.0265-0.0024i	-0.0409-0.0001i	-0.0029-0.0044i	0.0504-0.0054i
0.2	1.1233+0.0863i	-1.0727-0.0542i	-1.0925-0.0390i	0.9979-0.0023i	0.1478-0.0019i	0.1484-0.0017i	0.1659-0.0129i	0.2147-0.0000i
0.3	1.1498-0.0033i	-1.0828-0.0081i	-1.1203+0.0159i	1.0547-0.0025i	0.1516-0.0048i	0.1556-0.0002i	0.1928-0.0072i	0.2110-0.0045i
0.4	1.1479-0.0144i	-1.1224+0.0120i	-1.1438-0.0052i	1.0816+0.0156i	0.1557-0.0003i	0.1600-0.0004i	0.2022-0.0073i	0.2056+0.0017i
0.5	1.1413-0.0262i	-1.1024+0.0088i	-1.1364-0.0092i	1.0754+0.0107i	0.1549-0.0003i	0.1577+0.0007i	0.1986-0.0029i	0.2030+0.0005i
0.6	1.1500-0.0246i	-1.1013+0.0048i	-1.1423-0.0066i	1.0820+0.0129i	0.1556-0.0002i	0.1581+0.0001i	0.1977-0.0016i	0.2048-0.0017i
0.7	1.1380-0.0213i	-1.1007+0.0074i	-1.1456-0.0050i	1.0885+0.0130i	0.1549+0.0003i	0.1577+0.0003i	0.1973-0.0018i	0.2050-0.0003i
0.8	1.1336-0.0200i	-1.0991+0.0099i	-1.1513-0.0001i	1.0923+0.0104i	0.1554+0.0008i	0.1583+0.0013i	0.1984-0.0007i	0.2063+0.0007i
0.9	1.1445-0.0206i	-1.0963+0.0087i	-1.1371+0.0060i	1.0933+0.0061i	0.1587+0.0011i	0.1615+0.0014i	0.2052-0.0002i	0.2099+0.0019i
1.0	1.1475-0.0231i	-1.0904+0.0063i	-1.1336+0.0042i	1.0939+0.0042i	0.1599+0.0003i	0.1626+0.0008i	0.2070-0.0008i	0.2113+0.0012i
1.1	1.1527-0.0174i	-1.1157+0.0007i	-1.1632+0.0004i	1.1032-0.0074i	0.1618+0.0001i	0.1650+0.0009i	0.2065-0.0024i	0.2138+0.0014i
1.2	1.1637-0.0189i	-1.1418-0.0086i	-1.1800+0.0052i	1.1145-0.0068i	0.1645+0.0005i	0.1683+0.0009i	0.2121-0.0021i	0.2200-0.0009i
1.3	1.1734-0.0167i	-1.1515-0.0049i	-1.1991+0.0104i	1.1316-0.0063i	0.1681-0.0002i	0.1718+0.0006i	0.2184-0.0031i	0.2239-0.0006i
1.4	1.1777-0.0175i	-1.1526-0.0028i	-1.2244+0.0170i	1.1548-0.0094i	0.1713+0.0001i	0.1752+0.0008i	0.2229-0.0021i	0.2290-0.0015i
1.5	1.1837-0.0191i	-1.1569-0.0006i	-1.2530+0.0443i	1.1833-0.0328i	0.1743-0.0013i	0.1787-0.0010i	0.2290-0.0026i	0.2332-0.0047i
1.6	1.1914-0.0184i	-1.1605-0.0003i	-1.2695+0.0812i	1.1994-0.0641i	0.1770-0.0012i	0.1812-0.0014i	0.2354-0.0035i	0.2348-0.0041i
1.7	1.2067-0.0165i	-1.1720-0.0046i	-1.2639+0.1523i	1.1963-0.1260i	0.1831-0.0001i	0.1867-0.0010i	0.2451-0.0047i	0.2434-0.0011i
1.8	1.2399-0.0209i	-1.2063-0.0062i	-1.1969+0.2690i	1.1408-0.2269i	0.1964-0.0002i	0.1997-0.0018i	0.2641-0.0093i	0.2635+0.0002i
1.9	1.2768-0.0277i	-1.2487-0.0013i	-1.0634+0.2737i	1.0251-0.2310i	0.2140-0.0016i	0.2160-0.0033i	0.2874-0.0128i	0.2903-0.0008i
2.0	1.3385-0.0360i	-1.3084+0.0079i	-0.9883+0.2191i	0.9613-0.1852i	0.2420-0.0052i	0.2432-0.0062i	0.3278-0.0178i	0.3342-0.0050i
2.1	1.4678-0.0695i	-1.4262+0.0406i	-0.9526+0.1555i	0.9339-0.1310i	0.2979-0.0201i	0.2980-0.0200i	0.4121-0.0402i	0.4185-0.0270i
2.2	1.6683-0.1439i	-1.6100+0.1097i	-0.9368+0.1204i	0.9243-0.1011i	0.3846-0.0523i	0.3834-0.0513i	0.5449-0.0907i	0.5487-0.0752i
2.3	1.5001-0.2669i	-1.4608+0.2250i	-0.9506+0.0660i	0.9353-0.0560i	0.3139-0.1048i	0.3138-0.1031i	0.4342-0.1682i	0.4438-0.1559i
2.4	0.6011-0.1074i	-0.6397+0.0864i	-1.0585+0.0501i	1.0108-0.0414i	-0.0762-0.0404i	-0.0705-0.0410i	-0.1661-0.0592i	-0.1398-0.0621i
2.5	0.7895-0.0716i	-0.8096+0.0535i	-1.0547+0.0419i	1.0113-0.0329i	0.0036-0.0254i	0.0084-0.0255i	-0.0422-0.0377i	-0.0213-0.0395i
2.6	0.8877-0.0427i	-0.8988+0.0271i	-1.0553+0.0386i	1.0132-0.0295i	0.0452-0.0130i	0.0493-0.0131i	0.0224-0.0196i	0.0408-0.0206i
2.7	0.9393-0.0284i	-0.9455+0.0136i	-1.0580+0.0343i	1.0173-0.0254i	0.0665-0.0064i	0.0706-0.0065i	0.0554-0.0096i	0.0727-0.0102i
2.8	0.9696-0.0233i	-0.9729+0.0093i	-1.0636+0.0313i	1.0226-0.0228i	0.0790-0.0041i	0.0830-0.0042i	0.0750-0.0061i	0.0912-0.0072i
2.9	0.9947-0.0211i	-0.9960+0.0072i	-1.0678+0.0304i	1.0275-0.0218i	0.0891-0.0036i	0.0930-0.0036i	0.0906-0.0052i	0.1064-0.0064i
3.0	1.0166-0.0150i	-1.0153+0.0015i	-1.0736+0.0273i	1.0340-0.0188i	0.0981-0.0020i	0.1018-0.0021i	0.1044-0.0029i	0.1199-0.0042i
3.1	1.0317-0.0156i	-1.0292+0.0020i	-1.0759+0.0273i	1.0361-0.0191i	0.1034-0.0022i	0.1071-0.0022i	0.1127-0.0029i	0.1275-0.0046i
3.2	1.0456-0.0166i	-1.0416+0.0037i	-1.0779+0.0240i	1.0382-0.0162i	0.1078-0.0022i	0.1115-0.0022i	0.1197-0.0033i	0.1338-0.0041i
3.3	1.0554-0.0164i	-1.0513+0.0036i	-1.0810+0.0242i	1.0421-0.0166i	0.1114-0.0020i	0.1150-0.0021i	0.1250-0.0030i	0.1391-0.0039i
3.4	1.0638-0.0153i	-1.0588+0.0024i	-1.0856+0.0221i	1.0468-0.0140i	0.1140-0.0014i	0.1177-0.0015i	0.1290-0.0020i	0.1429-0.0032i
3.5	1.0735-0.0145i	-1.0671+0.0023i	-1.0900+0.0202i	1.0521-0.0127i	0.1171-0.0014i	0.1208-0.0014i	0.1335-0.0017i	0.1474-0.0035i
3.6	1.0794-0.0145i	-1.0722+0.0015i	-1.0960+0.0198i	1.0564-0.0131i	0.1191-0.0013i	0.1228-0.0014i	0.1362-0.0015i	0.1509-0.0034i
3.7	1.0872-0.0155i	-1.0802+0.0026i	-1.0996+0.0146i	1.0611-0.0086i	0.1214-0.0013i	0.1250-0.0014i	0.1395-0.0016i	0.1544-0.0033i
3.8	1.0952-0.0163i	-1.0881+0.0034i	-1.1011+0.0169i	1.0641-0.0107i	0.1237-0.0015i	0.1274-0.0015i	0.1425-0.0018i	0.1576-0.0037i
3.9	1.1016-0.0163i	-1.0942+0.0032i	-1.1051+0.0202i	1.0683-0.0137i	0.1253-0.0013i	0.1291-0.0013i	0.1451-0.0013i	0.1601-0.0034i
4.0	1.1092-0.0154i	-1.1020+0.0030i	-1.1076+0.0185i	1.0719-0.0120i	0.1272-0.0012i	0.1309-0.0013i	0.1482-0.0013i	0.1627-0.0033i
4.1	1.1158-0.0161i	-1.1075+0.0032i	-1.1112+0.0148i	1.0754-0.0088i	0.1288-0.0013i	0.1325-0.0013i	0.1502-0.0016i	0.1651-0.0035i
4.2	1.1216-0.0174i	-1.1129+0.0048i	-1.1178+0.0126i	1.0809-0.0071i	0.1301-0.0017i	0.1339-0.0017i	0.1519-0.0019i	0.1675-0.0040i
4.3	1.1287-0.0189i	-1.1195+0.0065i	-1.1212+0.0118i	1.0854-0.0065i	0.1319-0.0020i	0.1355-0.0020i	0.1547-0.0024i	0.1698-0.0042i
4.4	1.1375-0.0194i	-1.1259+0.0064i	-1.1247+0.0139i	1.0892-0.0084i	0.1334-0.0024i	0.1369-0.0025i	0.1568-0.0032i	0.1717-0.0047i
4.5	1.1437-0.0178i	-1.1316+0.0057i	-1.1302+0.0102i	1.0949-0.0051i	0.1341-0.0020i	0.1380-0.0022i	0.1576-0.0019i	0.1734-0.0048i
4.6	1.1501-0.0169i	-1.1385+0.0063i	-1.1341+0.0097i	1.1003-0.0044i	0.1354-0.0015i	0.1394-0.0016i	0.1598-0.0009i	0.1747-0.0048i
4.7	1.1569-0.0180i	-1.1438+0.0084i	-1.1401+0.0093i	1.1079-0.0046i	0.1367-0.0018i	0.1408-0.0019i	0.1615-0.0013i	0.1765-0.0049i
4.8	1.1649-0.0203i	-1.1499+0.0096i	-1.1465+0.0106i	1.1152-0.0061i	0.1385-0.0025i	0.1425-0.0027i	0.1632-0.0031i	0.1797-0.0055i
4.9	1.1735-0.0208i	-1.1576+0.0096i	-1.1514+0.0130i	1.1208-0.0074i	0.1403-0.0028i	0.1442-0.0032i	0.1657-0.0039i	0.1824-0.0060i
5.0	1.1825-0.0214i	-1.1635+0.0102i	-1.1575+0.0138i	1.1274-0.0081i	0.1420-0.0030i	0.1459-0.0033i	0.1686-0.0040i	0.1843-0.0065i
5.1	1.1914-0.0236i	-1.1711+0.0109i	-1.1639+0.0169i	1.1345-0.0105i	0.1439-0.0035i	0.1477-0.0040i	0.1719-0.0051i	0.1866-0.0070i
5.2	1.1998-0.0255i	-1.1795+0.0112i	-1.1682+0.0179i	1.1397-0.0129i	0.1453-0.0039i	0.1491-0.0044i	0.1735-0.0048i	0.1886-0.0081i
5.3	1.2095-0.0267i	-1.1883+0.0144i	-1.1696+0.0187i	1.1446-0.0156i	0.1471-0.0050i	0.1510-0.0052i	0.1752-0.0072i	0.1916-0.0086i
5.4	1.2204-0.0312i	-1.1960+0.0170i	-1.1717+0.0191i	1.1505-0.0151i	0.1488-0.0060i	0.1529-0.0061i	0.1776-0.0081i	0.1939-0.0108i
5.5	1.2306-0.0364i	-1.2026+0.0209i	-1.1764+0.0171i	1.1578-0.0141i	0.1502-0.0072i	0.1540-0.0074i	0.1796-0.0098i	0.1955-0.0128i
5.6	1.2387-0.0396i	-1.2088+0.0249i	-1.1811+0.0155i	1.1644-0.0142i	0.1512-0.0083i	0.1550-0.0085i	0.1806-0.0121i	0.1971-0.0137i

5.7	1.2501-0.0434i	-1.2181+0.0258i	-1.1807+0.0137i	1.1666-0.0136i	0.1528-0.0087i	0.1567-0.0087i	0.1824-0.0114i	0.1996-0.0142i
5.8	1.2597-0.0512i	-1.2249+0.0298i	-1.1793+0.0144i	1.1688-0.0169i	0.1539-0.0101i	0.1576-0.0101i	0.1828-0.0130i	0.2019-0.0173i
5.9	1.2636-0.0557i	-1.2271+0.0324i	-1.1831+0.0152i	1.1758-0.0191i	0.1532-0.0118i	0.1568-0.0120i	0.1805-0.0156i	0.2020-0.0203i
6.0	1.2675-0.0559i	-1.2290+0.0338i	-1.1918+0.0126i	1.1867-0.0164i	0.1521-0.0111i	0.1562-0.0117i	0.1784-0.0135i	0.2017-0.0204i
6.1	1.2782-0.0548i	-1.2348+0.0333i	-1.1976+0.0118i	1.1956-0.0153i	0.1531-0.0100i	0.1568-0.0104i	0.1807-0.0112i	0.2014-0.0194i
6.2	1.2970-0.0524i	-1.2456+0.0301i	-1.1969+0.0106i	1.2022-0.0164i	0.1556-0.0092i	0.1590-0.0098i	0.1830-0.0105i	0.2054-0.0181i
6.3	1.3170-0.0530i	-1.2567+0.0284i	-1.1969+0.0083i	1.2149-0.0163i	0.1581-0.0089i	0.1616-0.0092i	0.1851-0.0102i	0.2104-0.0166i
6.4	1.3438-0.0599i	-1.2738+0.0292i	-1.1985+0.0054i	1.2281-0.0175i	0.1623-0.0093i	0.1656-0.0095i	0.1899-0.0084i	0.2163-0.0196i
6.5	1.3655-0.0680i	-1.2862+0.0305i	-1.1963+0.0021i	1.2379-0.0214i	0.1653-0.0102i	0.1686-0.0105i	0.1937-0.0096i	0.2203-0.0215i
6.6	1.3993-0.0802i	-1.3009+0.0348i	-1.1898-0.0064i	1.2550-0.0259i	0.1697-0.0121i	0.1723-0.0121i	0.1980-0.0125i	0.2268-0.0238i
6.7	1.4284-0.1040i	-1.3136+0.0420i	-1.1848-0.0158i	1.2707-0.0341i	0.1730-0.0147i	0.1751-0.0142i	0.2028-0.0126i	0.2304-0.0304i
6.8	1.4704-0.1302i	-1.3285+0.0484i	-1.1715-0.0306i	1.2901-0.0426i	0.1776-0.0176i	0.1791-0.0168i	0.2084-0.0152i	0.2365-0.0351i
6.9	1.5208-0.1995i	-1.3463+0.0651i	-1.1537-0.0684i	1.3150-0.0683i	0.1833-0.0252i	0.1846-0.0235i	0.2156-0.0205i	0.2439-0.0499i
7.0	1.5863-0.3407i	-1.3672+0.0883i	-1.1248-0.1555i	1.3443-0.1230i	0.1903-0.0404i	0.1911-0.0366i	0.2245-0.0360i	0.2524-0.0735i
7.1	1.4823-0.5217i	-1.3575+0.1179i	-1.1997-0.2677i	1.3059-0.1934i	0.1790-0.0585i	0.1819-0.0520i	0.2169-0.0546i	0.2319-0.0996i
7.2	1.2266-0.5714i	-1.3294+0.1219i	-1.3772-0.3079i	1.2104-0.2160i	0.1532-0.0613i	0.1602-0.0544i	0.1941-0.0589i	0.1889-0.1010i
7.3	1.1117-0.4481i	-1.3342+0.1051i	-1.4802-0.2303i	1.1664-0.1672i	0.1446-0.0485i	0.1536-0.0437i	0.1850-0.0489i	0.1781-0.0785i
7.4	1.0572-0.3298i	-1.3355+0.0978i	-1.5323-0.1471i	1.1485-0.1176i	0.1404-0.0382i	0.1502-0.0357i	0.1798-0.0410i	0.1729-0.0620i
7.5	1.0773-0.1920i	-1.3504+0.0771i	-1.5402-0.0600i	1.1598-0.0596i	0.1432-0.0243i	0.1526-0.0238i	0.1808-0.0274i	0.1791-0.0408i
7.6	1.1450-0.1360i	-1.3786+0.0703i	-1.5206-0.0249i	1.1859-0.0369i	0.1518-0.0185i	0.1604-0.0188i	0.1903-0.0202i	0.1921-0.0323i
7.7	1.2093-0.1317i	-1.4084+0.0790i	-1.5059-0.0168i	1.2102-0.0285i	0.1599-0.0188i	0.1676-0.0193i	0.2000-0.0198i	0.2042-0.0341i
7.8	1.2553-0.1454i	-1.4365+0.1001i	-1.5071-0.0103i	1.2307-0.0250i	0.1658-0.0219i	0.1733-0.0229i	0.2072-0.0217i	0.2131-0.0422i
7.9	1.2662-0.1571i	-1.4474+0.1163i	-1.5159-0.0037i	1.2407-0.0256i	0.1674-0.0244i	0.1751-0.0257i	0.2103-0.0239i	0.2139-0.0468i
8.0	1.2820-0.1563i	-1.4608+0.1287i	-1.5259+0.0091i	1.2532-0.0197i	0.1698-0.0254i	0.1771-0.0266i	0.2152-0.0272i	0.2152-0.0467i
8.1	1.3002-0.1588i	-1.4745+0.1398i	-1.5323+0.0122i	1.2641-0.0127i	0.1724-0.0276i	0.1795-0.0290i	0.2176-0.0307i	0.2193-0.0497i
8.2	1.3118-0.1577i	-1.4900+0.1470i	-1.5450+0.0171i	1.2739-0.0075i	0.1744-0.0287i	0.1812-0.0303i	0.2185-0.0316i	0.2230-0.0523i
8.3	1.3466-0.1552i	-1.5291+0.1612i	-1.5610+0.0339i	1.2881-0.0085i	0.1798-0.0289i	0.1863-0.0308i	0.2252-0.0318i	0.2313-0.0530i
8.4	1.3767-0.1624i	-1.5560+0.1769i	-1.5694+0.0447i	1.2973-0.0085i	0.1851-0.0302i	0.1914-0.0321i	0.2316-0.0339i	0.2395-0.0541i
8.5	1.4121-0.1773i	-1.5884+0.2027i	-1.5770+0.0529i	1.3064-0.0018i	0.1916-0.0342i	0.1973-0.0361i	0.2408-0.0388i	0.2466-0.0606i
8.6	1.4391-0.1984i	-1.6170+0.2348i	-1.5810+0.0562i	1.3115+0.0031i	0.1968-0.0388i	0.2022-0.0409i	0.2486-0.0454i	0.2522-0.0673i
8.7	1.4706-0.2372i	-1.6582+0.2854i	-1.5975+0.0537i	1.3188+0.0168i	0.2034-0.0470i	0.2080-0.0487i	0.2583-0.0570i	0.2602-0.0785i
8.8	1.4992-0.2768i	-1.6989+0.3410i	-1.6160+0.0578i	1.3261+0.0341i	0.2096-0.0559i	0.2140-0.0569i	0.2658-0.0683i	0.2693-0.0914i
8.9	1.5342-0.3578i	-1.7423+0.4585i	-1.6432+0.0685i	1.3381+0.0636i	0.2169-0.0749i	0.2207-0.0749i	0.2749-0.0936i	0.2806-0.1184i
9.0	1.5276-0.4568i	-1.7299+0.5982i	-1.6606+0.0833i	1.3585+0.0929i	0.2150-0.0973i	0.2189-0.0966i	0.2735-0.1221i	0.2759-0.1505i
9.1	1.4752-0.5189i	-1.6627+0.6917i	-1.6805+0.0894i	1.3955+0.1190i	0.2036-0.1121i	0.2081-0.1104i	0.2588-0.1409i	0.2578-0.1715i
9.2	1.4903-0.5765i	-1.6883+0.7892i	-1.7135+0.1004i	1.4105+0.1509i	0.2071-0.1274i	0.2115-0.1246i	0.2642-0.1560i	0.2616-0.1984i
9.3	1.3139-0.7643i	-1.4263+1.0775i	-1.7348+0.1482i	1.5103+0.2127i	0.1654-0.1734i	0.1721-0.1689i	0.2180-0.2165i	0.1942-0.2639i
9.4	1.0103-0.7443i	-0.9814+1.0635i	-1.7284+0.1894i	1.6504+0.1959i	0.0942-0.1701i	0.1056-0.1661i	0.1298-0.2222i	0.0890-0.2507i
9.5	0.8918-0.5671i	-0.8024+0.8172i	-1.7168+0.1931i	1.7142+0.1251i	0.0657-0.1301i	0.0780-0.1284i	0.0895-0.1743i	0.0505-0.1905i
9.6	0.8576-0.3524i	-0.7389+0.5195i	-1.7188+0.1982i	1.7572+0.0421i	0.0564-0.0831i	0.0682-0.0841i	0.0704-0.1172i	0.0414-0.1207i
9.7	0.9003-0.2266i	-0.7917+0.3479i	-1.7353+0.2111i	1.7737-0.0157i	0.0649-0.0566i	0.0756-0.0593i	0.0760-0.0806i	0.0573-0.0855i
9.8	0.9467-0.1309i	-0.8534+0.2259i	-1.7529+0.2281i	1.7868-0.0699i	0.0744-0.0376i	0.0840-0.0410i	0.0856-0.0493i	0.0731-0.0644i
9.9	1.0053-0.0415i	-0.9274+0.1243i	-1.7717+0.2712i	1.7944-0.1306i	0.0849-0.0228i	0.0939-0.0261i	0.1048-0.0239i	0.0835-0.0490i
10.0	1.0822+0.0240i	-1.0110+0.0516i	-1.7490+0.3189i	1.7687-0.1890i	0.0971-0.0120i	0.1055-0.0156i	0.1295-0.0111i	0.0900-0.0334i
10.1	1.2001+0.0389i	-1.1326+0.0357i	-1.6860+0.3322i	1.7031-0.2141i	0.1146-0.0072i	0.1217-0.0109i	0.1580-0.0176i	0.1052-0.0145i
10.2	1.2836+0.0187i	-1.2117+0.0488i	-1.6484+0.3049i	1.6667-0.1912i	0.1262-0.0077i	0.1337-0.0107i	0.1713-0.0257i	0.1225-0.0055i
10.3	1.3398-0.0014i	-1.2615+0.0595i	-1.6375+0.2514i	1.6554-0.1520i	0.1340-0.0087i	0.1420-0.0113i	0.1752-0.0338i	0.1395+0.0015i
10.4	1.3756-0.0173i	-1.2935+0.0631i	-1.6419+0.2125i	1.6620-0.1260i	0.1396-0.0092i	0.1470-0.0117i	0.1765-0.0362i	0.1526+0.0046i
10.5	1.3979-0.0303i	-1.3190+0.0633i	-1.6710+0.1907i	1.6874-0.1189i	0.1436-0.0090i	0.1513-0.0114i	0.1766-0.0346i	0.1641+0.0046i
10.6	1.4182-0.0381i	-1.3427+0.0640i	-1.7026+0.1748i	1.7136-0.1144i	0.1473-0.0087i	0.1553-0.0114i	0.1777-0.0331i	0.1735+0.0041i
10.7	1.4467-0.0441i	-1.3748+0.0601i	-1.7431+0.1621i	1.7469-0.1108i	0.1525-0.0081i	0.1611-0.0112i	0.1821-0.0297i	0.1835+0.0029i
10.8	1.4583-0.0478i	-1.3915+0.0576i	-1.7715+0.1541i	1.7683-0.1082i	0.1559-0.0081i	0.1640-0.0114i	0.1839-0.0270i	0.1904+0.0008i
10.9	1.4838-0.0459i	-1.4246+0.0494i	-1.8078+0.1435i	1.7958-0.1035i	0.1605-0.0078i	0.1683-0.0105i	0.1885-0.0250i	0.1994-0.0002i
11.0	1.5117-0.0481i	-1.4567+0.0492i	-1.8406+0.1398i	1.8197-0.1018i	0.1644-0.0074i	0.1726-0.0104i	0.1934-0.0246i	0.2048-0.0007i
11.1	1.5461-0.0594i	-1.4906+0.0579i	-1.8784+0.1431i	1.8545-0.1049i	0.1697-0.0085i	0.1778-0.0114i	0.1988-0.0246i	0.2125-0.0024i
11.2	1.5642-0.0591i	-1.5094+0.0528i	-1.9006+0.1376i	1.8738-0.1005i	0.1725-0.0080i	0.1808-0.0114i	0.2014-0.0230i	0.2179-0.0030i
11.3	1.5938-0.0602i	-1.5428+0.0528i	-1.9490+0.1319i	1.9151-0.0992i	0.1770-0.0083i	0.1858-0.0115i	0.2070-0.0219i	0.2253-0.0048i
11.4	1.6116-0.0637i	-1.5623+0.0556i	-1.9816+0.1322i	1.9464-0.1023i	0.1800-0.0088i	0.1888-0.0118i	0.2102-0.0225i	0.2301-0.0052i
11.5	1.6325-0.0548i	-1.5846+0.0427i	-2.0176+0.1293i	1.9816-0.1036i	0.1835-0.0078i	0.1925-0.0111i	0.2141-0.0201i	0.2354-0.0057i
11.6	1.6626-0.0498i	-1.6158+0.0349i	-2.0584+0.1245i	2.0151-0.1033i	0.1878-0.0076i	0.1968-0.0108i	0.2197-0.0198i	0.2414-0.0051i
11.7	1.7051-0.0471i	-1.6644+0.0284i	-2.1224+0.1276i	2.0672-0.1063i	0.1936-0.0073i	0.2023-0.0102i	0.2260-0.0179i	0.2496-0.0074i
11.8	1.7410-0.0496i	-1.7090+0.0267i	-2.1712+0.1216i	2.1119-0.1013i	0.1982-0.0069i	0.2071-0.0106i	0.2314-0.0171i	0.2561-0.0080i
11.9	1.7846-0.0641i	-1.7538+0.0395i	-2.2216+0.1389i	2.1555-0.1151i	0.2033-0.0086i	0.2130-0.0121i	0.2379-0.0197i	0.2630-0.0101i

12.0	1.8283-0.0777i	-1.8005+0.0550i	-2.2963+0.1528i	2.2193-0.1274i	0.2095-0.0107i	0.2197-0.0140i	0.2444-0.0209i	0.2724-0.0131i
12.1	1.8547-0.0745i	-1.8325+0.0573i	-2.3536+0.1536i	2.2724-0.1253i	0.2137-0.0108i	0.2241-0.0143i	0.2488-0.0197i	0.2786-0.0141i
12.2	1.8863-0.0786i	-1.8664+0.0590i	-2.4012+0.1643i	2.3182-0.1317i	0.2176-0.0113i	0.2283-0.0149i	0.2535-0.0205i	0.2841-0.0150i
12.3	1.9311-0.0974i	-1.9080+0.0805i	-2.4646+0.1905i	2.3792-0.1553i	0.2228-0.0134i	0.2341-0.0181i	0.2601-0.0220i	0.2918-0.0200i
12.4	1.9715-0.1065i	-1.9487+0.0972i	-2.5359+0.2116i	2.4466-0.1739i	0.2282-0.0148i	0.2397-0.0200i	0.2662-0.0227i	0.2994-0.0242i
12.5	2.0075-0.1126i	-1.9800+0.1024i	-2.6076+0.2322i	2.5211-0.1926i	0.2325-0.0159i	0.2448-0.0210i	0.2707-0.0221i	0.3065-0.0280i
12.6	2.0459-0.1257i	-2.0157+0.1089i	-2.6694+0.2554i	2.5809-0.2120i	0.2374-0.0167i	0.2495-0.0228i	0.2767-0.0212i	0.3119-0.0315i
12.7	2.0899-0.1312i	-2.0573+0.1161i	-2.7398+0.2939i	2.6499-0.2528i	0.2428-0.0177i	0.2547-0.0240i	0.2832-0.0206i	0.3194-0.0341i
12.8	2.1279-0.1462i	-2.0953+0.1241i	-2.8046+0.3452i	2.7132-0.3029i	0.2479-0.0192i	0.2596-0.0256i	0.2920-0.0192i	0.3247-0.0410i
12.9	2.1576-0.1608i	-2.1254+0.1389i	-2.8457+0.3730i	2.7542-0.3335i	0.2518-0.0215i	0.2637-0.0280i	0.2990-0.0203i	0.3274-0.0461i
13.0	2.2263-0.1813i	-2.2001+0.1562i	-2.9194+0.4011i	2.8251-0.3623i	0.2606-0.0244i	0.2729-0.0310i	0.3148-0.0224i	0.3344-0.0505i
13.1	2.2699-0.1784i	-2.2405+0.1501i	-2.9835+0.4223i	2.8839-0.3816i	0.2657-0.0239i	0.2787-0.0306i	0.3248-0.0226i	0.3370-0.0492i
13.2	2.3084-0.2023i	-2.2779+0.1714i	-3.0576+0.4447i	2.9544-0.4040i	0.2704-0.0267i	0.2838-0.0337i	0.3327-0.0285i	0.3408-0.0504i
13.3	2.3688-0.2092i	-2.3375+0.1743i	-3.1604+0.4637i	3.0531-0.4238i	0.2778-0.0275i	0.2912-0.0350i	0.3436-0.0321i	0.3483-0.0500i
13.4	2.4187-0.2150i	-2.3892+0.1802i	-3.2504+0.4738i	3.1420-0.4366i	0.2837-0.0283i	0.2978-0.0364i	0.3530-0.0357i	0.3554-0.0500i
13.5	2.4640-0.2366i	-2.4331+0.1976i	-3.3503+0.5113i	3.2365-0.4758i	0.2889-0.0307i	0.3034-0.0389i	0.3594-0.0417i	0.3613-0.0501i
13.6	2.5224-0.2667i	-2.4910+0.2218i	-3.4996+0.5765i	3.3759-0.5347i	0.2954-0.0340i	0.3108-0.0428i	0.3671-0.0477i	0.3709-0.0528i
13.7	2.5979-0.2651i	-2.5609+0.2169i	-3.6639+0.6270i	3.5293-0.5788i	0.3039-0.0339i	0.3212-0.0437i	0.3754-0.0495i	0.3843-0.0515i
13.8	2.6513-0.2834i	-2.6168+0.2323i	-3.8298+0.6837i	3.6889-0.6371i	0.3102-0.0356i	0.3277-0.0466i	0.3831-0.0531i	0.3927-0.0531i
13.9	2.7019-0.2932i	-2.6643+0.2347i	-3.9633+0.7529i	3.8204-0.7103i	0.3160-0.0356i	0.3339-0.0473i	0.3897-0.0543i	0.4014-0.0535i
14.0	2.7985-0.2952i	-2.7602+0.2246i	-4.1612+0.8677i	4.0130-0.8254i	0.3278-0.0338i	0.3465-0.0479i	0.4041-0.0547i	0.4170-0.0517i
14.1	2.8806-0.2877i	-2.8454+0.2038i	-4.3572+0.9841i	4.1972-0.9384i	0.3384-0.0316i	0.3571-0.0478i	0.4182-0.0545i	0.4296-0.0486i
14.2	2.9981-0.3116i	-2.9699+0.2086i	-4.5273+1.1518i	4.3537-1.1067i	0.3540-0.0331i	0.3723-0.0500i	0.4339-0.0589i	0.4520-0.0490i
14.3	3.1093-0.3426i	-3.0965+0.2309i	-4.6828+1.3256i	4.5048-1.2801i	0.3702-0.0357i	0.3865-0.0547i	0.4480-0.0646i	0.4768-0.0508i
14.4	3.2241-0.3556i	-3.2241+0.2428i	-4.8713+1.4824i	4.6872-1.4367i	0.3865-0.0372i	0.4011-0.0568i	0.4637-0.0676i	0.4986-0.0531i
14.5	3.3850-0.3838i	-3.4012+0.2572i	-5.1356+1.7064i	4.9282-1.6708i	0.4082-0.0400i	0.4218-0.0601i	0.4848-0.0689i	0.5303-0.0585i
14.6	3.5300-0.4080i	-3.5680+0.2573i	-5.3829+1.9752i	5.1452-1.9503i	0.4287-0.0409i	0.4417-0.0613i	0.5055-0.0653i	0.5598-0.0621i
14.7	3.6869-0.4505i	-3.7610+0.2923i	-5.4871+2.2428i	5.2172-2.2211i	0.4528-0.0463i	0.4652-0.0672i	0.5327-0.0681i	0.5941-0.0724i
14.8	3.8923-0.5712i	-4.0137+0.4212i	-5.5863+2.5242i	5.2629-2.4830i	0.4818-0.0633i	0.4944-0.0840i	0.5693-0.0833i	0.6344-0.1004i
14.9	4.0217-0.7170i	-4.1736+0.5935i	-5.7200+2.6748i	5.3535-2.5962i	0.5002-0.0839i	0.5132-0.1048i	0.5944-0.1014i	0.6555-0.1352i
15.0	4.2037-0.7837i	-4.3737+0.6987i	-6.0785+2.8055i	5.6636-2.6818i	0.5253-0.0960i	0.5404-0.1186i	0.6350-0.1180i	0.6781-0.1518i
15.1	4.4292-0.8542i	-4.6152+0.8006i	-6.7108+3.0068i	6.2538-2.8318i	0.5554-0.1087i	0.5736-0.1330i	0.6736-0.1476i	0.7181-0.1575i
15.2	4.6499-1.0284i	-4.8351+1.0026i	-7.4839+3.5550i	6.9989-3.3060i	0.5827-0.1348i	0.6000-0.1632i	0.6987-0.1790i	0.7598-0.1955i
15.3	4.8465-1.2026i	-5.0381+1.1980i	-8.2600+4.3552i	7.7436-4.0348i	0.6086-0.1618i	0.6250-0.1934i	0.7250-0.2120i	0.7969-0.2352i
15.4	4.9535-1.3880i	-5.1464+1.4056i	-8.9347+5.6851i	8.4074-5.2784i	0.6202-0.1898i	0.6351-0.2234i	0.7339-0.2400i	0.8126-0.2765i
15.5	5.1955-1.6341i	-5.3977+1.6728i	-9.4822+7.8172i	8.9591-7.2876i	0.6476-0.2237i	0.6588-0.2601i	0.7636-0.2704i	0.8454-0.3305i
15.6	5.5143-1.9233i	-5.7369+2.0108i	-9.7919+10.9594i	9.2876-10.2516i	0.6869-0.2653i	0.6947-0.3094i	0.8117-0.3147i	0.8953-0.3916i
15.7	5.7556-2.2530i	-5.9693+2.3817i	-8.3706+13.8263i	7.9700-12.9778i	0.7141-0.3109i	0.7150-0.3574i	0.8495-0.3627i	0.9268-0.4572i
15.8	5.9735-2.8177i	-6.1300+3.0028i	-3.5014+16.4014i	3.3788-15.4428i	0.7331-0.3821i	0.7233-0.4244i	0.8910-0.4430i	0.9395-0.5532i
15.9	6.1231-3.1187i	-6.2338+3.3203i	1.4922+16.0401i	-1.3718-15.1361i	0.7470-0.4197i	0.7339-0.4553i	0.9290-0.4945i	0.9444-0.6006i
16.0	6.3684-3.5612i	-6.4382+3.7407i	4.4871+13.6113i	-4.2309-12.8402i	0.7753-0.4744i	0.7636-0.5026i	0.9722-0.5725i	0.9717-0.6688i
16.1	6.8837-4.1550i	-6.9276+4.3109i	5.8220+10.7040i	-5.5312-10.0801i	0.8387-0.5492i	0.8304-0.5749i	1.0523-0.6808i	1.0515-0.7628i
16.2	7.3536-4.3749i	-7.4083+4.5211i	5.7683+9.0888i	-5.5069-8.5479i	0.9003-0.5810i	0.8948-0.6063i	1.1267-0.7286i	1.1321-0.8019i
16.3	7.9233-5.5698i	-7.9984+5.7214i	5.2667+7.4974i	-5.0690-6.9884i	0.9689-0.7384i	0.9666-0.7673i	1.2051-0.9352i	1.2194-1.0076i
16.4	8.1139-6.8432i	-8.2064+7.0293i	4.6600+6.8051i	-4.5144-6.2585i	0.9857-0.9045i	0.9848-0.9386i	1.2193-1.1477i	1.2348-1.2264i
16.5	8.0114-8.9362i	-8.0860+9.1872i	4.3897+6.2885i	-4.2380-5.6537i	0.9610-1.1736i	0.9577-1.2146i	1.1772-1.4882i	1.1911-1.5801i
16.6	7.1601-10.7225i	-7.1917+11.0048i	4.3314+5.9909i	-4.0997-5.2930i	0.8386-1.3978i	0.8301-1.4445i	1.0117-1.7685i	1.0208-1.8703i
16.7	5.2386-12.8480i	-5.1937+13.1482i	4.4868+5.8983i	-4.1165-5.1663i	0.5790-1.6562i	0.5594-1.7090i	0.6715-2.0834i	0.6697-2.1965i
16.8	3.1097-13.8402i	-3.0025+14.1458i	4.9256+5.5092i	-4.4468-4.7817i	0.3017-1.7746i	0.2717-1.8268i	0.3212-2.2237i	0.2996-2.3416i
16.9	-0.0755-14.4176i	0.2830+14.7078i	5.0555+4.6197i	-4.4163-3.9492i	-0.1158-1.8376i	-0.1559-1.8830i	-0.2050-2.2911i	-0.2518-2.4114i
17.0	-3.1814-13.1913i	3.4667+13.4036i	4.9391+4.1484i	-4.1629-3.6331i	-0.5199-1.6597i	-0.5681-1.6949i	-0.7149-2.0546i	-0.7775-2.1599i
17.1	-4.3019-11.3894i	4.5806+11.5049i	5.0749+3.8443i	-4.2775-3.5057i	-0.6595-1.4076i	-0.7100-1.4338i	-0.8871-1.7275i	-0.9524-1.8180i
17.2	-5.2202-9.9172i	5.4818+10.0040i	5.1989+3.1032i	-4.4062-2.8822i	-0.7683-1.2080i	-0.8199-1.2251i	-1.0188-1.4684i	-1.0885-1.5492i
17.3	-5.6663-8.3917i	5.9465+8.4448i	4.7813+2.3514i	-3.9898-2.2487i	-0.8238-1.0025i	-0.8728-1.0094i	-1.0858-1.2001i	-1.1553-1.2736i
17.4	-5.6413-7.4106i	5.9172+7.3985i	4.3824+2.0440i	-3.6381-2.0638i	-0.8156-0.8574i	-0.8612-0.8596i	-1.0691-1.0066i	-1.1386-1.0775i
17.5	-5.6985-6.7108i	5.9450+6.6603i	4.0645+1.8849i	-3.3936-1.9841i	-0.8092-0.7545i	-0.8505-0.7533i	-1.0498-0.8702i	-1.1237-0.9389i
17.6	-5.7287-5.8167i	5.9345+5.7466i	3.7426+1.7336i	-3.1643-1.8686i	-0.7923-0.6317i	-0.8292-0.6281i	-1.0143-0.7164i	-1.0926-0.7755i
17.7	-5.7474-4.9915i	5.9219+4.9076i	3.4956+1.6555i	-2.9908-1.8119i	-0.7745-0.5221i	-0.8075-0.5155i	-0.9775-0.5788i	-1.0602-0.6283i
17.8	-5.7099-4.5003i	5.8690+4.4171i	3.3954+1.6692i	-2.9367-1.8334i	-0.7556-0.4596i	-0.7861-0.4514i	-0.9441-0.5013i	-1.0296-0.5455i
17.9	-5.5857-3.9527i	5.7316+3.8653i	3.3217+1.6011i	-2.9034-1.7708i	-0.7249-0.3933i	-0.7516-0.3847i	-0.8966-0.4231i	-0.9815-0.4596i
18.0	-5.2605-3.3270i	5.3837+3.2373i	3.2225+1.4776i	-2.8463-1.6457i	-0.6697-0.3234i	-0.6931-0.3151i	-0.8213-0.3444i	-0.9032-0.3727i
18.1	-4.9940-2.8533i	5.1032+2.7648i	3.1321+1.3706i	-2.7884-1.5387i	-0.6256-0.2734i	-0.6460-0.2651i	-0.7614-0.2889i	-0.8400-0.3120i
18.2	-4.7796-2.4300i	4.8752+2.3398i	3.0535+1.2839i	-2.7371-1.4486i	-0.5897-0.2293i	-0.6090-0.2217i	-0.7131-0.2403i	-0.7888-0.2585i

18.3	-4.6088-2.1760i	4.6922+2.0879i	2.9912+1.1974i	-2.7005-1.3623i	-0.5646-0.2045i	-0.5828-0.1974i	-0.6800-0.2136i	-0.7550-0.2296i
18.4	-4.3552-1.9036i	4.4285+1.8172i	2.8672+1.1025i	-2.6049-1.2632i	-0.5299-0.1784i	-0.5468-0.1719i	-0.6356-0.1858i	-0.7074-0.1993i
18.5	-4.1356-1.6639i	4.1907+1.5920i	2.7681+1.0749i	-2.5357-1.2153i	-0.4999-0.1573i	-0.5157-0.1513i	-0.5972-0.1638i	-0.6672-0.1753i
18.6	-3.9394-1.3818i	4.0050+1.3435i	2.7505+1.0452i	-2.5212-1.1475i	-0.4760-0.1329i	-0.4912-0.1269i	-0.5675-0.1388i	-0.6361-0.1460i
18.7	-3.7182-1.2138i	3.8138+1.1680i	2.7693+0.9397i	-2.5118-1.0454i	-0.4541-0.1160i	-0.4680-0.1098i	-0.5423-0.1201i	-0.6081-0.1261i
18.8	-3.5127-1.1105i	3.6135+1.0448i	2.7148+0.8184i	-2.4573-0.9463i	-0.4311-0.1043i	-0.4440-0.0984i	-0.5141-0.1067i	-0.5791-0.1125i
18.9	-3.3270-1.0074i	3.4229+0.9255i	2.6226+0.6774i	-2.3776-0.8214i	-0.4095-0.0925i	-0.4213-0.0872i	-0.4869-0.0947i	-0.5518-0.0980i
19.0	-3.1257-0.9091i	3.2180+0.8198i	2.5282+0.5820i	-2.2906-0.7301i	-0.3861-0.0817i	-0.3975-0.0770i	-0.4581-0.0836i	-0.5223-0.0852i
19.1	-2.9973-0.8696i	3.0838+0.7701i	2.4381+0.5233i	-2.2110-0.6779i	-0.3713-0.0767i	-0.3822-0.0721i	-0.4398-0.0785i	-0.5043-0.0793i
19.2	-2.8317-0.7783i	2.9106+0.6678i	2.3108+0.4317i	-2.1000-0.5957i	-0.3517-0.0660i	-0.3624-0.0620i	-0.4160-0.0677i	-0.4802-0.0651i
19.3	-2.7088-0.7157i	2.7815+0.5996i	2.2111+0.3813i	-2.0131-0.5532i	-0.3367-0.0587i	-0.3472-0.0548i	-0.3969-0.0609i	-0.4611-0.0554i
19.4	-2.6122-0.6836i	2.6753+0.5613i	2.1344+0.3590i	-1.9473-0.5374i	-0.3246-0.0551i	-0.3346-0.0514i	-0.3822-0.0578i	-0.4453-0.0501i
19.5	-2.4767-0.6404i	2.5315+0.5108i	2.0388+0.3330i	-1.8628-0.5153i	-0.3091-0.0493i	-0.3186-0.0461i	-0.3638-0.0519i	-0.4252-0.0421i
19.6	-2.4020-0.6099i	2.4453+0.4766i	1.9743+0.3187i	-1.8130-0.5036i	-0.2991-0.0447i	-0.3088-0.0417i	-0.3517-0.0476i	-0.4123-0.0356i
19.7	-2.3230-0.5938i	2.3538+0.4511i	1.9091+0.2972i	-1.7680-0.4879i	-0.2887-0.0418i	-0.2979-0.0393i	-0.3395-0.0458i	-0.3987-0.0303i
19.8	-2.2497-0.5637i	2.2644+0.4174i	1.8542+0.2711i	-1.7355-0.4643i	-0.2789-0.0374i	-0.2876-0.0354i	-0.3274-0.0418i	-0.3852-0.0241i
19.9	-2.1994-0.5347i	2.1970+0.3936i	1.8072+0.2505i	-1.7087-0.4396i	-0.2708-0.0343i	-0.2799-0.0328i	-0.3182-0.0395i	-0.3740-0.0198i
20.0	-2.1393-0.4722i	2.1220+0.3450i	1.7459+0.2213i	-1.6647-0.3989i	-0.2621-0.0279i	-0.2717-0.0266i	-0.3088-0.0325i	-0.3615-0.0111i
20.1	-2.0596-0.4592i	2.0324+0.3437i	1.6912+0.2136i	-1.6108-0.3769i	-0.2521-0.0279i	-0.2618-0.0262i	-0.2965-0.0323i	-0.3492-0.0117i
20.2	-1.9995-0.4305i	1.9665+0.3203i	1.6423+0.1954i	-1.5674-0.3498i	-0.2443-0.0247i	-0.2548-0.0232i	-0.2880-0.0292i	-0.3401-0.0084i
20.3	-1.9362-0.4012i	1.9051+0.2938i	1.5948+0.1767i	-1.5230-0.3270i	-0.2373-0.0211i	-0.2480-0.0192i	-0.2802-0.0253i	-0.3318-0.0031i
20.4	-1.8610-0.3773i	1.8262+0.2763i	1.5396+0.1603i	-1.4717-0.3061i	-0.2289-0.0185i	-0.2395-0.0162i	-0.2703-0.0229i	-0.3226+0.0012i
20.5	-1.8085-0.3399i	1.7701+0.2434i	1.4984+0.1404i	-1.4365-0.2854i	-0.2230-0.0146i	-0.2337-0.0125i	-0.2632-0.0192i	-0.3153+0.0071i
20.6	-1.7438-0.3143i	1.7000+0.2236i	1.4528+0.1254i	-1.3927-0.2681i	-0.2145-0.0102i	-0.2258-0.0071i	-0.2528-0.0136i	-0.3058+0.0143i
20.7	-1.6937-0.2943i	1.6433+0.2146i	1.4100+0.1238i	-1.3529-0.2594i	-0.2083-0.0062i	-0.2202-0.0027i	-0.2455-0.0094i	-0.2981+0.0219i
20.8	-1.6391-0.2742i	1.5907+0.2016i	1.3702+0.1171i	-1.3167-0.2466i	-0.2016-0.0036i	-0.2131+0.0003i	-0.2374-0.0079i	-0.2896+0.0280i
20.9	-1.5998-0.2796i	1.5544+0.2058i	1.3393+0.1209i	-1.2851-0.2542i	-0.1976-0.0030i	-0.2089+0.0010i	-0.2339-0.0086i	-0.2836+0.0323i
21.0	-1.5389-0.2407i	1.4915+0.1713i	1.3049+0.0958i	-1.2531-0.2362i	-0.1887+0.0048i	-0.1999+0.0098i	-0.2231-0.0005i	-0.2714+0.0475i
21.1	-1.4895-0.2303i	1.4449+0.1650i	1.2685+0.0877i	-1.2219-0.2267i	-0.1809+0.0072i	-0.1913+0.0126i	-0.2146+0.0000i	-0.2595+0.0555i
21.2	-1.4432-0.2279i	1.4042+0.1625i	1.2344+0.0806i	-1.1905-0.2211i	-0.1742+0.0092i	-0.1845+0.0154i	-0.2098+0.0020i	-0.2470+0.0610i
21.3	-1.3989-0.2082i	1.3556+0.1483i	1.2099+0.0665i	-1.1661-0.2081i	-0.1661+0.0108i	-0.1763+0.0181i	-0.2011+0.0038i	-0.2319+0.0648i
21.4	-1.3646-0.1935i	1.3177+0.1357i	1.1750+0.0487i	-1.1455-0.1923i	-0.1577+0.0138i	-0.1672+0.0214i	-0.1936+0.0087i	-0.2138+0.0693i
21.5	-1.3465-0.1853i	1.2976+0.1265i	1.1512+0.0377i	-1.1358-0.1811i	-0.1532+0.0145i	-0.1622+0.0224i	-0.1909+0.0092i	-0.2030+0.0712i
21.6	-1.3260-0.1784i	1.2704+0.1279i	1.1204+0.0401i	-1.1193-0.1767i	-0.1477+0.0147i	-0.1561+0.0227i	-0.1846+0.0117i	-0.1912+0.0699i
21.7	-1.2825-0.1659i	1.2237+0.1168i	1.0819+0.0305i	-1.0890-0.1594i	-0.1398+0.0162i	-0.1474+0.0237i	-0.1761+0.0166i	-0.1759+0.0686i
21.8	-1.2394-0.1713i	1.1803+0.1241i	1.0431+0.0266i	-1.0592-0.1502i	-0.1306+0.0141i	-0.1371+0.0214i	-0.1644+0.0159i	-0.1611+0.0627i
21.9	-1.2047-0.1562i	1.1465+0.1204i	1.0203+0.0181i	-1.0382-0.1307i	-0.1216+0.0125i	-0.1279+0.0200i	-0.1529+0.0152i	-0.1454+0.0568i
22.0	-1.1809-0.1512i	1.1230+0.1218i	0.9955+0.0169i	-1.0198-0.1267i	-0.1172+0.0108i	-0.1235+0.0181i	-0.1482+0.0138i	-0.1376+0.0524i
22.1	-1.1443-0.1309i	1.0903+0.1102i	0.9677+0.0082i	-0.9945-0.1062i	-0.1109+0.0104i	-0.1166+0.0182i	-0.1394+0.0153i	-0.1275+0.0484i
22.2	-1.1202-0.1174i	1.0703+0.1004i	0.9407+0.0038i	-0.9679-0.0910i	-0.1071+0.0100i	-0.1122+0.0181i	-0.1334+0.0157i	-0.1217+0.0452i
22.3	-1.0890-0.1158i	1.0417+0.0983i	0.9140+0.0044i	-0.9430-0.0875i	-0.1028+0.0072i	-0.1074+0.0154i	-0.1275+0.0119i	-0.1164+0.0399i
22.4	-1.0563-0.1077i	1.0117+0.0969i	0.8881+0.0014i	-0.9166-0.0798i	-0.0979+0.0054i	-0.1020+0.0136i	-0.1209+0.0107i	-0.1097+0.0351i
22.5	-1.0321-0.0995i	0.9874+0.0905i	0.8698-0.0028i	-0.8929-0.0722i	-0.0959+0.0046i	-0.1000+0.0124i	-0.1190+0.0103i	-0.1065+0.0313i
22.6	-1.0053-0.0863i	0.9632+0.0824i	0.8490-0.0080i	-0.8697-0.0611i	-0.0916+0.0041i	-0.0955+0.0120i	-0.1130+0.0102i	-0.0997+0.0281i
22.7	-0.9885-0.0789i	0.9536+0.0755i	0.8304-0.0080i	-0.8502-0.0574i	-0.0893+0.0010i	-0.0927+0.0090i	-0.1098+0.0070i	-0.0966+0.0210i
22.8	-0.9711-0.0842i	0.9379+0.0845i	0.8090-0.0048i	-0.8308-0.0570i	-0.0884-0.0003i	-0.0910+0.0075i	-0.1084+0.0054i	-0.0971+0.0183i
22.9	-0.9364-0.0886i	0.9087+0.0912i	0.7853-0.0049i	-0.8075-0.0529i	-0.0852-0.0021i	-0.0874+0.0052i	-0.1035+0.0031i	-0.0942+0.0133i
23.0	-0.9054-0.0881i	0.8813+0.0923i	0.7641-0.0085i	-0.7823-0.0492i	-0.0826-0.0053i	-0.0846+0.0019i	-0.0989+0.0003i	-0.0922+0.0067i
23.1	-0.8891-0.0908i	0.8686+0.0989i	0.7411-0.0088i	-0.7614-0.0525i	-0.0811-0.0070i	-0.0826+0.0003i	-0.0952-0.0013i	-0.0907+0.0035i
23.2	-0.8682-0.0804i	0.8546+0.0869i	0.7244-0.0128i	-0.7425-0.0458i	-0.0798-0.0083i	-0.0805-0.0000i	-0.0926-0.0024i	-0.0906+0.0010i
23.3	-0.8436-0.0669i	0.8385+0.0694i	0.6999-0.0193i	-0.7151-0.0375i	-0.0784-0.0082i	-0.0780-0.0010i	-0.0890-0.0033i	-0.0897-0.0009i
23.4	-0.8313-0.0590i	0.8283+0.0605i	0.6725-0.0132i	-0.6885-0.0369i	-0.0800-0.0069i	-0.0784-0.0006i	-0.0887-0.0026i	-0.0936+0.0016i
23.5	-0.8116-0.0583i	0.8066+0.0564i	0.6541-0.0027i	-0.6738-0.0432i	-0.0795-0.0055i	-0.0778+0.0002i	-0.0878-0.0024i	-0.0941+0.0043i
23.6	-0.7883-0.0564i	0.7897+0.0538i	0.6408+0.0047i	-0.6584-0.0501i	-0.0775-0.0057i	-0.0761-0.0009i	-0.0853-0.0041i	-0.0912+0.0040i
23.7	-0.7749-0.0625i	0.7754+0.0543i	0.6278+0.0188i	-0.6417-0.0588i	-0.0775-0.0056i	-0.0762-0.0011i	-0.0852-0.0057i	-0.0928+0.0049i
23.8	-0.7619-0.0612i	0.7592+0.0483i	0.6186+0.0244i	-0.6354-0.0628i	-0.0765-0.0044i	-0.0749-0.0004i	-0.0837-0.0058i	-0.0923+0.0068i
23.9	-0.7461-0.0470i	0.7453+0.0331i	0.6129+0.0194i	-0.6284-0.0590i	-0.0739-0.0018i	-0.0731+0.0015i	-0.0811-0.0031i	-0.0887+0.0101i
24.0	-0.7178-0.0493i	0.7208+0.0350i	0.5983+0.0206i	-0.6086-0.0590i	-0.0717-0.0022i	-0.0708+0.0009i	-0.0795-0.0041i	-0.0858+0.0098i
24.1	-0.7068-0.0464i	0.7063+0.0301i	0.5938+0.0163i	-0.6020-0.0514i	-0.0696-0.0021i	-0.0688+0.0010i	-0.0766-0.0040i	-0.0831+0.0086i
24.2	-0.6945-0.0472i	0.6934+0.0316i	0.5878+0.0151i	-0.5963-0.0485i	-0.0673-0.0029i	-0.0666+0.0000i	-0.0739-0.0044i	-0.0803+0.0056i
24.3	-0.6672-0.0539i	0.6690+0.0428i	0.5691+0.0251i	-0.5785-0.0573i	-0.0650-0.0044i	-0.0642-0.0017i	-0.0708-0.0068i	-0.0784+0.0037i
24.4	-0.6607-0.0558i	0.6562+0.0443i	0.5636+0.0285i	-0.5708-0.0613i	-0.0634-0.0039i	-0.0629-0.0011i	-0.0699-0.0071i	-0.0761+0.0063i
24.5	-0.6592-0.0451i	0.6556+0.0337i	0.5613+0.0278i	-0.5646-0.0580i	-0.0619-0.0021i	-0.0617+0.0002i	-0.0692-0.0057i	-0.0730+0.0084i

24.6	-0.6471-0.0426i	0.6478+0.0230i	0.5528+0.0267i	-0.5582-0.0584i	-0.0614-0.0008i	-0.0608+0.0005i	-0.0688-0.0049i	-0.0717+0.0094i
24.7	-0.6377-0.0411i	0.6393+0.0204i	0.5456+0.0262i	-0.5524-0.0626i	-0.0609-0.0010i	-0.0609+0.0009i	-0.0691-0.0049i	-0.0706+0.0100i
24.8	-0.6140-0.0460i	0.6146+0.0261i	0.5283+0.0258i	-0.5354-0.0601i	-0.0578-0.0015i	-0.0578+0.0002i	-0.0647-0.0056i	-0.0673+0.0084i
24.9	-0.5947-0.0431i	0.5918+0.0249i	0.5189+0.0243i	-0.5285-0.0556i	-0.0555-0.0016i	-0.0554-0.0001i	-0.0623-0.0051i	-0.0632+0.0072i
25.0	-0.5799-0.0426i	0.5773+0.0259i	0.5154+0.0273i	-0.5172-0.0557i	-0.0523-0.0020i	-0.0526-0.0005i	-0.0590-0.0057i	-0.0594+0.0063i
25.1	-0.5636-0.0386i	0.5675+0.0203i	0.5031+0.0222i	-0.5030-0.0498i	-0.0501-0.0013i	-0.0500-0.0002i	-0.0556-0.0051i	-0.0564+0.0068i
25.2	-0.5570-0.0334i	0.5587+0.0151i	0.4958+0.0167i	-0.5003-0.0445i	-0.0494-0.0011i	-0.0493+0.0001i	-0.0549-0.0050i	-0.0555+0.0064i
25.3	-0.5461-0.0333i	0.5418+0.0120i	0.4863+0.0101i	-0.4919-0.0445i	-0.0480-0.0012i	-0.0479-0.0001i	-0.0531-0.0059i	-0.0548+0.0072i
25.4	-0.5241-0.0329i	0.5248+0.0128i	0.4753+0.0126i	-0.4781-0.0410i	-0.0447-0.0021i	-0.0450-0.0008i	-0.0489-0.0061i	-0.0510+0.0053i
25.5	-0.5198-0.0296i	0.5176+0.0149i	0.4682+0.0129i	-0.4727-0.0362i	-0.0443-0.0020i	-0.0438-0.0010i	-0.0474-0.0066i	-0.0489+0.0047i
25.6	-0.5194-0.0317i	0.5178+0.0170i	0.4698+0.0115i	-0.4700-0.0389i	-0.0446-0.0032i	-0.0440-0.0016i	-0.0478-0.0081i	-0.0495+0.0038i
25.7	-0.4981-0.0192i	0.4984+0.0085i	0.4605+0.0040i	-0.4566-0.0232i	-0.0418-0.0022i	-0.0417-0.0011i	-0.0451-0.0079i	-0.0469+0.0048i
25.8	-0.4904-0.0154i	0.4949+0.0072i	0.4514+0.0018i	-0.4536-0.0197i	-0.0409-0.0018i	-0.0406-0.0011i	-0.0436-0.0077i	-0.0456+0.0058i
25.9	-0.4866-0.0173i	0.4925+0.0063i	0.4486+0.0002i	-0.4477-0.0201i	-0.0409-0.0022i	-0.0406-0.0010i	-0.0433-0.0075i	-0.0468+0.0053i
26.0	-0.4772-0.0173i	0.4815+0.0043i	0.4412-0.0032i	-0.4367-0.0172i	-0.0403-0.0024i	-0.0400-0.0014i	-0.0424-0.0070i	-0.0470+0.0041i
26.1	-0.4606-0.0161i	0.4672+0.0061i	0.4290+0.0005i	-0.4232-0.0171i	-0.0378-0.0021i	-0.0377-0.0009i	-0.0388-0.0070i	-0.0445+0.0048i
26.2	-0.4460-0.0117i	0.4606+0.0042i	0.4146-0.0010i	-0.4135-0.0124i	-0.0362-0.0017i	-0.0361-0.0008i	-0.0375-0.0078i	-0.0424+0.0072i
26.3	-0.4257-0.0083i	0.4430+0.0015i	0.4043-0.0048i	-0.3952-0.0096i	-0.0332-0.0014i	-0.0329-0.0010i	-0.0343-0.0078i	-0.0380+0.0079i
26.4	-0.4142-0.0114i	0.4350+0.0010i	0.3996-0.0121i	-0.3837-0.0046i	-0.0317-0.0016i	-0.0311-0.0010i	-0.0315-0.0086i	-0.0365+0.0071i
26.5	-0.4083-0.0012i	0.4324-0.0087i	0.3970-0.0168i	-0.3805+0.0035i	-0.0314-0.0005i	-0.0307-0.0002i	-0.0314-0.0073i	-0.0355+0.0090i
26.6	-0.4031-0.0035i	0.4305-0.0075i	0.3931-0.0163i	-0.3752+0.0026i	-0.0302-0.0008i	-0.0296-0.0001i	-0.0294-0.0087i	-0.0339+0.0093i
26.7	-0.3951-0.0123i	0.4238-0.0071i	0.3872-0.0178i	-0.3695-0.0010i	-0.0285-0.0022i	-0.0277-0.0010i	-0.0275-0.0104i	-0.0301+0.0080i
26.8	-0.3813-0.0175i	0.4114-0.0059i	0.3813-0.0221i	-0.3575-0.0043i	-0.0267-0.0032i	-0.0258-0.0027i	-0.0258-0.0119i	-0.0260+0.0068i
26.9	-0.3708-0.0154i	0.4040-0.0073i	0.3722-0.0280i	-0.3467-0.0022i	-0.0253-0.0032i	-0.0240-0.0034i	-0.0243-0.0129i	-0.0243+0.0061i
27.0	-0.3664-0.0164i	0.3983-0.0111i	0.3655-0.0317i	-0.3397+0.0047i	-0.0244-0.0030i	-0.0232-0.0030i	-0.0245-0.0134i	-0.0226+0.0065i
27.1	-0.3555-0.0218i	0.3887-0.0065i	0.3554-0.0299i	-0.3338-0.0036i	-0.0236-0.0045i	-0.0224-0.0045i	-0.0242-0.0164i	-0.0211+0.0058i
27.2	-0.3538-0.0224i	0.3872-0.0099i	0.3502-0.0368i	-0.3297-0.0032i	-0.0232-0.0051i	-0.0215-0.0050i	-0.0230-0.0170i	-0.0206+0.0050i
27.3	-0.3430-0.0143i	0.3726-0.0198i	0.3374-0.0520i	-0.3144+0.0123i	-0.0209-0.0045i	-0.0192-0.0047i	-0.0217-0.0167i	-0.0161+0.0063i
27.4	-0.3251-0.0090i	0.3587-0.0294i	0.3220-0.0608i	-0.3010+0.0201i	-0.0185-0.0041i	-0.0177-0.0048i	-0.0222-0.0152i	-0.0103+0.0050i
27.5	-0.3161-0.0015i	0.3546-0.0352i	0.3084-0.0671i	-0.2874+0.0277i	-0.0179-0.0041i	-0.0164-0.0047i	-0.0212-0.0142i	-0.0092+0.0027i
27.6	-0.3073-0.0026i	0.3522-0.0401i	0.2997-0.0727i	-0.2749+0.0308i	-0.0169-0.0045i	-0.0153-0.0053i	-0.0198-0.0144i	-0.0067+0.0023i
27.7	-0.3039-0.0067i	0.3470-0.0446i	0.2860-0.0753i	-0.2678+0.0290i	-0.0167-0.0054i	-0.0153-0.0070i	-0.0204-0.0159i	-0.0050+0.0003i
27.8	-0.2881-0.0050i	0.3253-0.0473i	0.2620-0.0761i	-0.2460+0.0272i	-0.0147-0.0060i	-0.0132-0.0078i	-0.0182-0.0159i	-0.0025-0.0025i
27.9	-0.2820+0.0024i	0.3144-0.0550i	0.2482-0.0757i	-0.2303+0.0302i	-0.0141-0.0057i	-0.0129-0.0077i	-0.0176-0.0145i	-0.0022-0.0024i
28.0	-0.2732-0.0047i	0.3002-0.0595i	0.2320-0.0721i	-0.2156+0.0253i	-0.0127-0.0062i	-0.0124-0.0089i	-0.0172-0.0151i	-0.0006-0.0036i
28.1	-0.2530-0.0018i	0.2771-0.0628i	0.2111-0.0602i	-0.2016+0.0125i	-0.0108-0.0053i	-0.0110-0.0085i	-0.0136-0.0137i	0.0005-0.0044i
28.2	-0.2454-0.0049i	0.2655-0.0606i	0.2019-0.0482i	-0.1917+0.0042i	-0.0104-0.0057i	-0.0109-0.0088i	-0.0115-0.0135i	-0.0001-0.0063i
28.3	-0.2382-0.0154i	0.2512-0.0525i	0.1904-0.0415i	-0.1829-0.0033i	-0.0099-0.0065i	-0.0107-0.0098i	-0.0099-0.0144i	-0.0005-0.0071i
28.4	-0.2319-0.0073i	0.2429-0.0560i	0.1826-0.0385i	-0.1762-0.0062i	-0.0084-0.0057i	-0.0099-0.0085i	-0.0081-0.0126i	0.0006-0.0060i
28.5	-0.2251-0.0107i	0.2337-0.0493i	0.1810-0.0248i	-0.1681-0.0170i	-0.0081-0.0067i	-0.0088-0.0096i	-0.0071-0.0143i	0.0011-0.0074i
28.6	-0.2118-0.0180i	0.2195-0.0413i	0.1774-0.0176i	-0.1630-0.0245i	-0.0060-0.0077i	-0.0073-0.0104i	-0.0043-0.0151i	0.0026-0.0091i
28.7	-0.2044-0.0240i	0.2150-0.0361i	0.1748-0.0095i	-0.1660-0.0313i	-0.0054-0.0088i	-0.0069-0.0105i	-0.0038-0.0170i	0.0036-0.0101i
28.8	-0.2020-0.0285i	0.2047-0.0318i	0.1661-0.0027i	-0.1623-0.0365i	-0.0048-0.0088i	-0.0067-0.0105i	-0.0037-0.0160i	0.0044-0.0104i
28.9	-0.1915-0.0315i	0.1996-0.0301i	0.1635-0.0028i	-0.1500-0.0356i	-0.0025-0.0084i	-0.0049-0.0107i	-0.0002-0.0164i	0.0070-0.0096i
29.0	-0.1808-0.0326i	0.1927-0.0241i	0.1599-0.0009i	-0.1428-0.0449i	-0.0004-0.0092i	-0.0020-0.0115i	0.0043-0.0185i	0.0091-0.0109i
29.1	-0.1880-0.0374i	0.1911-0.0203i	0.1574+0.0059i	-0.1496-0.0506i	-0.0021-0.0104i	-0.0039-0.0118i	0.0011-0.0199i	0.0067-0.0122i
29.2	-0.1721-0.0397i	0.1780-0.0209i	0.1528+0.0040i	-0.1442-0.0477i	0.0004-0.0104i	-0.0024-0.0115i	0.0036-0.0190i	0.0111-0.0131i
29.3	-0.1543-0.0432i	0.1671-0.0164i	0.1475+0.0083i	-0.1335-0.0486i	0.0041-0.0109i	0.0012-0.0119i	0.0083-0.0195i	0.0159-0.0146i
29.4	-0.1456-0.0539i	0.1599-0.0081i	0.1430+0.0145i	-0.1241-0.0628i	0.0057-0.0128i	0.0031-0.0143i	0.0119-0.0230i	0.0175-0.0169i
29.5	-0.1395-0.0528i	0.1522-0.0081i	0.1383+0.0100i	-0.1253-0.0623i	0.0060-0.0124i	0.0032-0.0136i	0.0120-0.0229i	0.0185-0.0150i
29.6	-0.1278-0.0558i	0.1374-0.0093i	0.1316+0.0109i	-0.1176-0.0656i	0.0079-0.0125i	0.0051-0.0134i	0.0140-0.0234i	0.0212-0.0152i
29.7	-0.1348-0.0605i	0.1408-0.0017i	0.1287+0.0177i	-0.1152-0.0760i	0.0064-0.0144i	0.0041-0.0150i	0.0123-0.0253i	0.0189-0.0178i
29.8	-0.1306-0.0656i	0.1380+0.0020i	0.1245+0.0192i	-0.1102-0.0772i	0.0072-0.0153i	0.0049-0.0158i	0.0126-0.0269i	0.0207-0.0199i
29.9	-0.1256-0.0662i	0.1316-0.0007i	0.1207+0.0225i	-0.1036-0.0766i	0.0080-0.0150i	0.0056-0.0158i	0.0138-0.0267i	0.0213-0.0205i
30.0	-0.1196-0.0667i	0.1235+0.0008i	0.1186+0.0230i	-0.0968-0.0761i	0.0094-0.0147i	0.0069-0.0156i	0.0168-0.0257i	0.0230-0.0202i
30.1	-0.1175-0.0697i	0.1229+0.0029i	0.1139+0.0215i	-0.0999-0.0771i	0.0093-0.0159i	0.0071-0.0163i	0.0168-0.0262i	0.0228-0.0207i
30.2	-0.1119-0.0767i	0.1228+0.0092i	0.1096+0.0255i	-0.0992-0.0856i	0.0095-0.0173i	0.0080-0.0178i	0.0175-0.0312i	0.0228-0.0213i
30.3	-0.1074-0.0738i	0.1182+0.0092i	0.1039+0.0297i	-0.0945-0.0864i	0.0100-0.0163i	0.0081-0.0163i	0.0186-0.0291i	0.0222-0.0200i
30.4	-0.0963-0.0871i	0.1060+0.0173i	0.0979+0.0338i	-0.0852-0.0973i	0.0133-0.0194i	0.0110-0.0190i	0.0230-0.0326i	0.0259-0.0252i
30.5	-0.0855-0.0903i	0.0954+0.0193i	0.0952+0.0314i	-0.0768-0.0994i	0.0165-0.0196i	0.0139-0.0198i	0.0265-0.0343i	0.0320-0.0260i
30.6	-0.0763-0.1012i	0.0921+0.0236i	0.0880+0.0306i	-0.0711-0.1010i	0.0180-0.0214i	0.0156-0.0210i	0.0292-0.0376i	0.0337-0.0272i
30.7	-0.0843-0.1059i	0.0941+0.0307i	0.0830+0.0394i	-0.0738-0.1075i	0.0172-0.0227i	0.0151-0.0220i	0.0274-0.0389i	0.0327-0.0285i
30.8	-0.0834-0.1147i	0.0930+0.0352i	0.0817+0.0460i	-0.0729-0.1244i	0.0174-0.0252i	0.0147-0.0253i	0.0263-0.0436i	0.0350-0.0336i

30.9	-0.0898-0.1195i	0.0877+0.0312i	0.0830+0.0563i	-0.0791-0.1327i	0.0166-0.0255i	0.0134-0.0260i	0.0249-0.0446i	0.0332-0.0339i
31.0	-0.0889-0.1247i	0.0899+0.0308i	0.0750+0.0648i	-0.0751-0.1404i	0.0169-0.0271i	0.0143-0.0273i	0.0278-0.0491i	0.0308-0.0321i
31.1	-0.0902-0.1325i	0.0882+0.0295i	0.0765+0.0600i	-0.0786-0.1452i	0.0168-0.0291i	0.0143-0.0288i	0.0262-0.0523i	0.0313-0.0341i
31.2	-0.0923-0.1377i	0.0883+0.0328i	0.0743+0.0668i	-0.0811-0.1478i	0.0154-0.0292i	0.0131-0.0296i	0.0245-0.0528i	0.0307-0.0350i
31.3	-0.0773-0.1379i	0.0777+0.0334i	0.0724+0.0655i	-0.0707-0.1503i	0.0183-0.0288i	0.0166-0.0284i	0.0294-0.0532i	0.0353-0.0331i
31.4	-0.0699-0.1295i	0.0735+0.0362i	0.0670+0.0664i	-0.0692-0.1536i	0.0200-0.0277i	0.0188-0.0280i	0.0314-0.0546i	0.0386-0.0288i
31.5	-0.0686-0.1339i	0.0659+0.0363i	0.0673+0.0799i	-0.0710-0.1623i	0.0203-0.0288i	0.0188-0.0291i	0.0308-0.0545i	0.0386-0.0325i
31.6	-0.0668-0.1385i	0.0624+0.0350i	0.0663+0.0849i	-0.0702-0.1657i	0.0207-0.0294i	0.0190-0.0291i	0.0308-0.0546i	0.0401-0.0335i
31.7	-0.0704-0.1527i	0.0687+0.0358i	0.0708+0.0850i	-0.0796-0.1805i	0.0195-0.0316i	0.0179-0.0316i	0.0263-0.0615i	0.0403-0.0352i
31.8	-0.0739-0.1679i	0.0616+0.0422i	0.0789+0.0916i	-0.0936-0.1946i	0.0199-0.0366i	0.0184-0.0362i	0.0232-0.0703i	0.0448-0.0415i
31.9	-0.0780-0.1660i	0.0588+0.0472i	0.0871+0.0978i	-0.1055-0.1929i	0.0192-0.0353i	0.0174-0.0345i	0.0225-0.0676i	0.0428-0.0375i
32.0	-0.0751-0.1615i	0.0536+0.0484i	0.0853+0.1057i	-0.0995-0.2012i	0.0211-0.0347i	0.0195-0.0339i	0.0239-0.0670i	0.0459-0.0364i
32.1	-0.0805-0.1620i	0.0512+0.0456i	0.0934+0.0999i	-0.1127-0.1955i	0.0212-0.0355i	0.0194-0.0348i	0.0200-0.0684i	0.0508-0.0394i
32.2	-0.0670-0.1575i	0.0487+0.0432i	0.0893+0.1030i	-0.1054-0.1914i	0.0235-0.0343i	0.0213-0.0337i	0.0222-0.0682i	0.0556-0.0371i
32.3	-0.0765-0.1527i	0.0487+0.0443i	0.0943+0.0921i	-0.1256-0.1765i	0.0210-0.0354i	0.0189-0.0346i	0.0133-0.0644i	0.0554-0.0416i
32.4	-0.0758-0.1597i	0.0440+0.0464i	0.1096+0.0937i	-0.1402-0.1829i	0.0203-0.0373i	0.0183-0.0368i	0.0089-0.0666i	0.0587-0.0463i
32.5	-0.0742-0.1655i	0.0405+0.0493i	0.1177+0.0914i	-0.1428-0.1796i	0.0218-0.0374i	0.0202-0.0373i	0.0096-0.0634i	0.0638-0.0512i
32.6	-0.0706-0.1725i	0.0350+0.0526i	0.1201+0.0806i	-0.1443-0.1730i	0.0217-0.0389i	0.0207-0.0387i	0.0092-0.0614i	0.0644-0.0562i
32.7	-0.0765-0.1733i	0.0365+0.0565i	0.1154+0.0669i	-0.1482-0.1685i	0.0206-0.0412i	0.0193-0.0404i	0.0075-0.0616i	0.0599-0.0615i
32.8	-0.0827-0.1711i	0.0343+0.0559i	0.1121+0.0628i	-0.1471-0.1609i	0.0209-0.0407i	0.0195-0.0402i	0.0085-0.0585i	0.0586-0.0642i
32.9	-0.0710-0.1700i	0.0246+0.0581i	0.1030+0.0602i	-0.1420-0.1529i	0.0221-0.0396i	0.0217-0.0395i	0.0114-0.0552i	0.0600-0.0653i
33.0	-0.0735-0.1769i	0.0209+0.0560i	0.1031+0.0521i	-0.1480-0.1523i	0.0236-0.0401i	0.0225-0.0404i	0.0143-0.0559i	0.0610-0.0669i
33.1	-0.0731-0.1761i	0.0213+0.0551i	0.0997+0.0386i	-0.1497-0.1432i	0.0240-0.0405i	0.0226-0.0410i	0.0171-0.0558i	0.0586-0.0699i
33.2	-0.0791-0.1686i	0.0136+0.0555i	0.0926+0.0289i	-0.1430-0.1328i	0.0216-0.0412i	0.0205-0.0407i	0.0150-0.0539i	0.0528-0.0711i
33.3	-0.0798-0.1838i	0.0159+0.0642i	0.0809+0.0279i	-0.1382-0.1367i	0.0224-0.0448i	0.0213-0.0440i	0.0149-0.0586i	0.0575-0.0762i
33.4	-0.0935-0.1782i	0.0193+0.0656i	0.0707+0.0304i	-0.1427-0.1279i	0.0201-0.0424i	0.0186-0.0422i	0.0133-0.0565i	0.0532-0.0727i
33.5	-0.0857-0.1707i	0.0150+0.0620i	0.0601+0.0301i	-0.1298-0.1220i	0.0206-0.0407i	0.0198-0.0408i	0.0173-0.0554i	0.0511-0.0687i
33.6	-0.0722-0.1475i	0.0084+0.0549i	0.0466+0.0187i	-0.1122-0.1160i	0.0222-0.0399i	0.0224-0.0390i	0.0195-0.0531i	0.0542-0.0667i
33.7	-0.0927-0.1548i	0.0162+0.0614i	0.0355+0.0279i	-0.1228-0.1162i	0.0187-0.0414i	0.0192-0.0404i	0.0178-0.0506i	0.0440-0.0724i
33.8	-0.1049-0.1653i	0.0187+0.0682i	0.0331+0.0329i	-0.1244-0.1224i	0.0149-0.0420i	0.0159-0.0406i	0.0144-0.0513i	0.0381-0.0737i
33.9	-0.0804-0.1403i	0.0046+0.0590i	0.0323+0.0373i	-0.1061-0.1186i	0.0228-0.0365i	0.0227-0.0357i	0.0234-0.0459i	0.0532-0.0643i
34.0	-0.0884-0.1342i	0.0011+0.0506i	0.0262+0.0355i	-0.1107-0.1104i	0.0231-0.0360i	0.0219-0.0359i	0.0217-0.0462i	0.0521-0.0648i
34.1	-0.1090-0.1286i	0.0059+0.0463i	0.0267+0.0298i	-0.1235-0.1007i	0.0205-0.0346i	0.0194-0.0347i	0.0172-0.0464i	0.0483-0.0598i
34.2	-0.0805-0.1234i	-0.0108+0.0450i	0.0278+0.0333i	-0.1082-0.1069i	0.0285-0.0348i	0.0266-0.0347i	0.0256-0.0451i	0.0634-0.0621i
34.3	-0.0623-0.1269i	-0.0159+0.0508i	0.0174+0.0333i	-0.0989-0.1016i	0.0303-0.0353i	0.0295-0.0357i	0.0320-0.0458i	0.0652-0.0628i
34.4	-0.0765-0.1321i	-0.0080+0.0531i	0.0168+0.0342i	-0.1042-0.0962i	0.0279-0.0345i	0.0279-0.0356i	0.0305-0.0469i	0.0598-0.0610i
34.5	-0.0624-0.1218i	-0.0209+0.0492i	0.0069+0.0366i	-0.0902-0.0906i	0.0328-0.0345i	0.0320-0.0352i	0.0362-0.0458i	0.0680-0.0625i
34.6	-0.0482-0.1366i	-0.0307+0.0530i	-0.0059+0.0401i	-0.0834-0.0971i	0.0344-0.0351i	0.0349-0.0363i	0.0425-0.0493i	0.0686-0.0615i
34.7	-0.0562-0.1379i	-0.0280+0.0568i	-0.0062+0.0433i	-0.0860-0.0971i	0.0334-0.0356i	0.0343-0.0369i	0.0402-0.0524i	0.0676-0.0600i
34.8	-0.0520-0.1296i	-0.0315+0.0580i	-0.0099+0.0522i	-0.0747-0.0994i	0.0373-0.0356i	0.0376-0.0376i	0.0428-0.0539i	0.0775-0.0600i
34.9	-0.0438-0.1343i	-0.0370+0.0598i	-0.0196+0.0575i	-0.0669-0.1062i	0.0401-0.0380i	0.0405-0.0399i	0.0452-0.0571i	0.0843-0.0648i
35.0	-0.0433-0.1486i	-0.0382+0.0646i	-0.0139+0.0605i	-0.0696-0.1179i	0.0429-0.0429i	0.0420-0.0440i	0.0455-0.0604i	0.0892-0.0748i
35.1	-0.0240-0.1551i	-0.0547+0.0716i	-0.0194+0.0769i	-0.0649-0.1237i	0.0463-0.0431i	0.0464-0.0458i	0.0518-0.0637i	0.0941-0.0755i
35.2	-0.0143-0.1546i	-0.0598+0.0741i	-0.0293+0.0784i	-0.0610-0.1244i	0.0481-0.0432i	0.0495-0.0463i	0.0510-0.0647i	0.1016-0.0744i
35.3	-0.0092-0.1705i	-0.0647+0.0814i	-0.0221+0.0747i	-0.0591-0.1327i	0.0509-0.0495i	0.0517-0.0525i	0.0526-0.0748i	0.1088-0.0866i
35.4	-0.0086-0.1569i	-0.0645+0.0781i	-0.0212+0.0785i	-0.0606-0.1196i	0.0527-0.0482i	0.0530-0.0516i	0.0545-0.0719i	0.1110-0.0867i
35.5	-0.0415-0.1533i	-0.0452+0.0765i	-0.0050+0.0935i	-0.0756-0.1202i	0.0476-0.0473i	0.0478-0.0529i	0.0419-0.0737i	0.1093-0.0814i
35.6	-0.0268-0.1666i	-0.0577+0.0824i	-0.0062+0.0882i	-0.0755-0.1279i	0.0516-0.0522i	0.0515-0.0569i	0.0465-0.0799i	0.1168-0.0909i
35.7	-0.0018-0.1781i	-0.0753+0.0909i	-0.0021+0.0788i	-0.0715-0.1273i	0.0563-0.0589i	0.0555-0.0628i	0.0556-0.0847i	0.1191-0.1084i
35.8	-0.0176-0.1998i	-0.0679+0.1055i	-0.0164+0.0804i	-0.0791-0.1305i	0.0513-0.0649i	0.0504-0.0685i	0.0461-0.0920i	0.1095-0.1187i
35.9	-0.0103-0.1923i	-0.0749+0.1016i	-0.0155+0.0851i	-0.0713-0.1280i	0.0570-0.0661i	0.0552-0.0702i	0.0472-0.0928i	0.1259-0.1229i
36.0	-0.0112-0.1752i	-0.0821+0.0933i	-0.0052+0.0810i	-0.0745-0.1226i	0.0577-0.0660i	0.0552-0.0696i	0.0492-0.0836i	0.1268-0.1301i
36.1	-0.0018-0.1900i	-0.0866+0.1040i	-0.0074+0.0649i	-0.0736-0.1188i	0.0604-0.0706i	0.0584-0.0741i	0.0520-0.0866i	0.1318-0.1420i
36.2	-0.0034-0.2134i	-0.0872+0.1146i	-0.0207+0.0590i	-0.0705-0.1214i	0.0585-0.0770i	0.0568-0.0804i	0.0490-0.0954i	0.1272-0.1525i
36.3	-0.0047-0.2031i	-0.0896+0.1108i	-0.0233+0.0618i	-0.0636-0.1163i	0.0601-0.0761i	0.0580-0.0795i	0.0501-0.0904i	0.1293-0.1547i
36.4	-0.0204-0.2104i	-0.0830+0.1183i	-0.0392+0.0769i	-0.0581-0.1191i	0.0574-0.0783i	0.0561-0.0827i	0.0458-0.0890i	0.1257-0.1629i
36.5	-0.0173-0.2145i	-0.0862+0.1152i	-0.0409+0.0670i	-0.0495-0.1164i	0.0630-0.0810i	0.0604-0.0862i	0.0465-0.0940i	0.1410-0.1680i
36.6	-0.0187-0.2273i	-0.0882+0.1275i	-0.0407+0.0627i	-0.0477-0.1165i	0.0625-0.0879i	0.0587-0.0924i	0.0457-0.0987i	0.1377-0.1849i
36.7	-0.0212-0.2197i	-0.0918+0.1343i	-0.0464+0.0754i	-0.0476-0.1195i	0.0593-0.0903i	0.0555-0.0943i	0.0454-0.0909i	0.1278-0.2017i
36.8	-0.0242-0.2271i	-0.0874+0.1278i	-0.0603+0.0786i	-0.0408-0.1242i	0.0593-0.0936i	0.0557-0.0987i	0.0454-0.0914i	0.1284-0.2110i
36.9	-0.0274-0.2441i	-0.0905+0.1350i	-0.0603+0.0952i	-0.0328-0.1393i	0.0616-0.0987i	0.0576-0.1041i	0.0444-0.0982i	0.1357-0.2193i
37.0	-0.0341-0.2415i	-0.0934+0.1416i	-0.0607+0.0952i	-0.0361-0.1423i	0.0620-0.1033i	0.0563-0.1078i	0.0450-0.0985i	0.1332-0.2338i
37.1	-0.0425-0.2543i	-0.0898+0.1561i	-0.0560+0.0997i	-0.0394-0.1417i	0.0592-0.1096i	0.0535-0.1138i	0.0499-0.0991i	0.1174-0.2545i

37.2	-0.0605-0.2592i	-0.0809+0.1592i	-0.0436+0.1031i	-0.0437-0.1501i	0.0580-0.1124i	0.0517-0.1173i	0.0495-0.1018i	0.1123-0.2585i
37.3	-0.0739-0.2667i	-0.0837+0.1655i	-0.0494+0.1017i	-0.0536-0.1574i	0.0535-0.1268i	0.0455-0.1303i	0.0498-0.1070i	0.0962-0.2968i
37.4	-0.0812-0.2688i	-0.0797+0.1789i	-0.0459+0.0997i	-0.0571-0.1584i	0.0465-0.1350i	0.0376-0.1371i	0.0558-0.1096i	0.0646-0.3174i
37.5	-0.0948-0.2633i	-0.0786+0.1730i	-0.0480+0.0995i	-0.0668-0.1597i	0.0431-0.1365i	0.0346-0.1384i	0.0525-0.1056i	0.0547-0.3268i
37.6	-0.1074-0.2470i	-0.0771+0.1694i	-0.0533+0.1008i	-0.0731-0.1560i	0.0380-0.1349i	0.0299-0.1367i	0.0569-0.1023i	0.0366-0.3237i
37.7	-0.1116-0.2391i	-0.0772+0.1662i	-0.0517+0.0900i	-0.0704-0.1544i	0.0374-0.1379i	0.0283-0.1394i	0.0639-0.0956i	0.0272-0.3390i
37.8	-0.1109-0.2318i	-0.0709+0.1684i	-0.0520+0.0935i	-0.0697-0.1500i	0.0323-0.1379i	0.0228-0.1390i	0.0697-0.1007i	0.0032-0.3330i
37.9	-0.1348-0.2300i	-0.0547+0.1701i	-0.0544+0.0972i	-0.0783-0.1489i	0.0205-0.1446i	0.0109-0.1449i	0.0720-0.1078i	-0.0380-0.3435i
38.0	-0.1427-0.2208i	-0.0533+0.1686i	-0.0628+0.0970i	-0.0811-0.1510i	0.0181-0.1428i	0.0075-0.1420i	0.0841-0.1181i	-0.0564-0.3249i
38.1	-0.1416-0.2045i	-0.0594+0.1624i	-0.0669+0.0915i	-0.0743-0.1393i	0.0165-0.1411i	0.0072-0.1393i	0.0870-0.1193i	-0.0615-0.3171i
38.2	-0.1465-0.1817i	-0.0553+0.1589i	-0.0653+0.0978i	-0.0798-0.1356i	0.0035-0.1391i	-0.0052-0.1346i	0.0901-0.1261i	-0.1062-0.2990i
38.3	-0.1449-0.1720i	-0.0510+0.1630i	-0.0692+0.1009i	-0.0738-0.1248i	-0.0022-0.1377i	-0.0104-0.1323i	0.0922-0.1354i	-0.1252-0.2826i
38.4	-0.1474-0.1634i	-0.0542+0.1615i	-0.0767+0.0956i	-0.0752-0.1223i	-0.0024-0.1357i	-0.0099-0.1297i	0.0994-0.1491i	-0.1328-0.2622i
38.5	-0.1468-0.1530i	-0.0583+0.1614i	-0.0865+0.1004i	-0.0720-0.1299i	-0.0016-0.1343i	-0.0085-0.1286i	0.0991-0.1554i	-0.1279-0.2519i
38.6	-0.1423-0.1461i	-0.0604+0.1565i	-0.0954+0.1067i	-0.0631-0.1308i	-0.0058-0.1322i	-0.0125-0.1260i	0.0966-0.1717i	-0.1387-0.2293i
38.7	-0.1369-0.1387i	-0.0620+0.1584i	-0.1013+0.1111i	-0.0646-0.1313i	-0.0108-0.1328i	-0.0172-0.1263i	0.0863-0.1824i	-0.1445-0.2200i
38.8	-0.1379-0.1354i	-0.0640+0.1617i	-0.0992+0.1128i	-0.0669-0.1385i	-0.0081-0.1352i	-0.0150-0.1298i	0.0833-0.1973i	-0.1341-0.2145i
38.9	-0.1314-0.1252i	-0.0667+0.1570i	-0.1033+0.1212i	-0.0763-0.1371i	-0.0059-0.1338i	-0.0116-0.1277i	0.0760-0.2077i	-0.1199-0.1976i
39.0	-0.1262-0.1137i	-0.0658+0.1500i	-0.1023+0.1309i	-0.0770-0.1255i	-0.0082-0.1314i	-0.0129-0.1244i	0.0727-0.2109i	-0.1206-0.1880i
39.1	-0.1214-0.0958i	-0.0674+0.1496i	-0.1048+0.1385i	-0.0794-0.1266i	-0.0168-0.1314i	-0.0202-0.1233i	0.0559-0.2191i	-0.1285-0.1785i
39.2	-0.1151-0.0949i	-0.0664+0.1499i	-0.1071+0.1424i	-0.0827-0.1264i	-0.0187-0.1322i	-0.0221-0.1243i	0.0424-0.2234i	-0.1218-0.1753i
39.3	-0.1062-0.0897i	-0.0668+0.1550i	-0.1080+0.1465i	-0.0879-0.1174i	-0.0218-0.1376i	-0.0242-0.1297i	0.0346-0.2359i	-0.1231-0.1790i
39.4	-0.1048-0.0831i	-0.0689+0.1579i	-0.0972+0.1573i	-0.0881-0.1122i	-0.0266-0.1369i	-0.0270-0.1290i	0.0184-0.2443i	-0.1183-0.1681i
39.5	-0.0995-0.0801i	-0.0693+0.1566i	-0.0965+0.1559i	-0.0827-0.0973i	-0.0339-0.1360i	-0.0337-0.1279i	-0.0006-0.2423i	-0.1211-0.1676i
39.6	-0.0922-0.0781i	-0.0680+0.1647i	-0.1006+0.1591i	-0.0860-0.0908i	-0.0369-0.1384i	-0.0362-0.1312i	-0.0098-0.2435i	-0.1208-0.1744i
39.7	-0.0851-0.0659i	-0.0672+0.1621i	-0.0975+0.1730i	-0.0851-0.0956i	-0.0434-0.1351i	-0.0419-0.1272i	-0.0222-0.2408i	-0.1281-0.1658i
39.8	-0.0801-0.0610i	-0.0642+0.1656i	-0.0898+0.1863i	-0.0846-0.0925i	-0.0456-0.1330i	-0.0439-0.1256i	-0.0340-0.2456i	-0.1244-0.1545i
39.9	-0.0719-0.0541i	-0.0683+0.1607i	-0.0772+0.1815i	-0.0844-0.0821i	-0.0513-0.1269i	-0.0482-0.1205i	-0.0537-0.2377i	-0.1209-0.1450i
40.0	-0.0705-0.0503i	-0.0602+0.1558i	-0.0666+0.1705i	-0.0808-0.0726i	-0.0581-0.1261i	-0.0541-0.1195i	-0.0681-0.2299i	-0.1252-0.1506i
40.1	-0.0630-0.0473i	-0.0514+0.1467i	-0.0686+0.1721i	-0.0799-0.0628i	-0.0614-0.1208i	-0.0578-0.1155i	-0.0808-0.2176i	-0.1243-0.1484i
40.2	-0.0421-0.0454i	-0.0602+0.1423i	-0.0743+0.1613i	-0.0802-0.0581i	-0.0607-0.1149i	-0.0561-0.1100i	-0.0779-0.2064i	-0.1230-0.1424i
40.3	-0.0250-0.0479i	-0.0711+0.1411i	-0.0699+0.1561i	-0.0724-0.0554i	-0.0611-0.1086i	-0.0562-0.1038i	-0.0787-0.1935i	-0.1211-0.1357i
40.4	-0.0278-0.0466i	-0.0645+0.1393i	-0.0705+0.1562i	-0.0582-0.0506i	-0.0665-0.1072i	-0.0619-0.1023i	-0.0936-0.1852i	-0.1242-0.1384i
40.5	-0.0228-0.0452i	-0.0650+0.1405i	-0.0729+0.1562i	-0.0556-0.0457i	-0.0656-0.1026i	-0.0607-0.0979i	-0.0954-0.1788i	-0.1198-0.1296i
40.6	-0.0130-0.0468i	-0.0657+0.1427i	-0.0752+0.1492i	-0.0509-0.0412i	-0.0644-0.0991i	-0.0595-0.0958i	-0.0918-0.1713i	-0.1190-0.1278i
40.7	-0.0145-0.0440i	-0.0632+0.1373i	-0.0792+0.1451i	-0.0420-0.0401i	-0.0648-0.0967i	-0.0596-0.0935i	-0.0911-0.1653i	-0.1203-0.1260i
40.8	-0.0027-0.0489i	-0.0684+0.1323i	-0.0706+0.1422i	-0.0349-0.0370i	-0.0625-0.0903i	-0.0581-0.0883i	-0.0890-0.1550i	-0.1184-0.1169i
40.9	0.0004-0.0462i	-0.0689+0.1324i	-0.0728+0.1504i	-0.0300-0.0358i	-0.0651-0.0870i	-0.0604-0.0859i	-0.0937-0.1499i	-0.1198-0.1144i
41.0	0.0036-0.0436i	-0.0689+0.1370i	-0.0706+0.1583i	-0.0209-0.0376i	-0.0653-0.0856i	-0.0607-0.0839i	-0.0933-0.1470i	-0.1222-0.1150i
41.1	0.0107-0.0464i	-0.0674+0.1347i	-0.0715+0.1563i	-0.0100-0.0447i	-0.0651-0.0836i	-0.0612-0.0821i	-0.0956-0.1420i	-0.1216-0.1103i
41.2	0.0246-0.0515i	-0.0718+0.1300i	-0.0813+0.1522i	-0.0013-0.0412i	-0.0626-0.0804i	-0.0583-0.0807i	-0.0927-0.1372i	-0.1163-0.1056i
41.3	0.0277-0.0537i	-0.0692+0.1254i	-0.0820+0.1550i	-0.0020-0.0472i	-0.0633-0.0774i	-0.0585-0.0780i	-0.0911-0.1335i	-0.1197-0.1021i
41.4	0.0260-0.0499i	-0.0741+0.1221i	-0.0830+0.1526i	-0.0051-0.0506i	-0.0625-0.0764i	-0.0576-0.0766i	-0.0903-0.1315i	-0.1175-0.1022i
41.5	0.0305-0.0516i	-0.0854+0.1222i	-0.0846+0.1533i	-0.0015-0.0448i	-0.0612-0.0752i	-0.0562-0.0755i	-0.0922-0.1267i	-0.1120-0.1021i
41.6	0.0360-0.0540i	-0.0875+0.1185i	-0.0846+0.1469i	0.0126-0.0430i	-0.0591-0.0712i	-0.0554-0.0720i	-0.0910-0.1195i	-0.1095-0.0984i
41.7	0.0432-0.0494i	-0.0891+0.1130i	-0.0845+0.1554i	0.0227-0.0500i	-0.0604-0.0674i	-0.0560-0.0683i	-0.0943-0.1159i	-0.1106-0.0917i
41.8	0.0444-0.0500i	-0.0845+0.1146i	-0.0847+0.1587i	0.0280-0.0478i	-0.0608-0.0676i	-0.0568-0.0692i	-0.0977-0.1147i	-0.1073-0.0931i
41.9	0.0562-0.0568i	-0.0895+0.1089i	-0.0785+0.1475i	0.0295-0.0537i	-0.0587-0.0630i	-0.0554-0.0645i	-0.0972-0.1042i	-0.1040-0.0873i
42.0	0.0604-0.0621i	-0.1010+0.1102i	-0.0894+0.1529i	0.0237-0.0575i	-0.0538-0.0605i	-0.0498-0.0624i	-0.0867-0.1020i	-0.0985-0.0858i
42.1	0.0577-0.0572i	-0.1049+0.1192i	-0.1032+0.1597i	0.0260-0.0511i	-0.0534-0.0626i	-0.0491-0.0651i	-0.0864-0.1042i	-0.0968-0.0916i
42.2	0.0633-0.0580i	-0.1106+0.1146i	-0.1041+0.1584i	0.0321-0.0548i	-0.0542-0.0626i	-0.0500-0.0655i	-0.0871-0.1029i	-0.0988-0.0912i
42.3	0.0731-0.0618i	-0.1068+0.1084i	-0.0926+0.1626i	0.0381-0.0627i	-0.0539-0.0597i	-0.0500-0.0623i	-0.0847-0.0965i	-0.1015-0.0858i
42.4	0.0699-0.0563i	-0.1169+0.1062i	-0.1020+0.1684i	0.0326-0.0649i	-0.0508-0.0595i	-0.0476-0.0623i	-0.0773-0.0924i	-0.1006-0.0898i
42.5	0.0764-0.0585i	-0.1282+0.1046i	-0.0902+0.1750i	0.0194-0.0672i	-0.0510-0.0582i	-0.0475-0.0611i	-0.0771-0.0896i	-0.0990-0.0863i
42.6	0.0851-0.0631i	-0.1315+0.1039i	-0.0962+0.1635i	0.0251-0.0571i	-0.0508-0.0538i	-0.0462-0.0580i	-0.0775-0.0828i	-0.0974-0.0816i
42.7	0.0936-0.0598i	-0.1367+0.1064i	-0.0991+0.1625i	0.0299-0.0536i	-0.0485-0.0524i	-0.0458-0.0566i	-0.0761-0.0816i	-0.0959-0.0798i
42.8	0.0911-0.0620i	-0.1374+0.1136i	-0.0933+0.1593i	0.0374-0.0556i	-0.0486-0.0499i	-0.0467-0.0536i	-0.0759-0.0776i	-0.0978-0.0736i
42.9	0.1009-0.0655i	-0.1474+0.1000i	-0.0986+0.1484i	0.0447-0.0580i	-0.0447-0.0449i	-0.0425-0.0483i	-0.0653-0.0696i	-0.0942-0.0665i
43.0	0.1115-0.0682i	-0.1605+0.1065i	-0.1107+0.1568i	0.0437-0.0595i	-0.0409-0.0451i	-0.0386-0.0489i	-0.0590-0.0725i	-0.0888-0.0667i
43.1	0.1137-0.0676i	-0.1656+0.1139i	-0.1126+0.1662i	0.0484-0.0579i	-0.0395-0.0469i	-0.0376-0.0512i	-0.0557-0.0773i	-0.0898-0.0666i
43.2	0.1065-0.0720i	-0.1691+0.1320i	-0.1106+0.1731i	0.0505-0.0519i	-0.0379-0.0496i	-0.0358-0.0543i	-0.0604-0.0819i	-0.0799-0.0686i
43.3	0.1191-0.0782i	-0.1725+0.1274i	-0.1123+0.1648i	0.0608-0.0428i	-0.0389-0.0499i	-0.0362-0.0556i	-0.0624-0.0784i	-0.0804-0.0755i
43.4	0.1308-0.0769i	-0.1746+0.1284i	-0.1242+0.1728i	0.0796-0.0502i	-0.0395-0.0477i	-0.0374-0.0536i	-0.0559-0.0746i	-0.0898-0.0731i

43.5	0.1309-0.0771i	-0.1776+0.1234i	-0.1296+0.1877i	0.0839-0.0656i	-0.0362-0.0462i	-0.0351-0.0520i	-0.0494-0.0744i	-0.0874-0.0684i
43.6	0.1337-0.0787i	-0.1810+0.1328i	-0.1270+0.1952i	0.0855-0.0666i	-0.0339-0.0474i	-0.0325-0.0535i	-0.0467-0.0794i	-0.0836-0.0666i
43.7	0.1410-0.0842i	-0.1852+0.1511i	-0.1238+0.1971i	0.0844-0.0644i	-0.0330-0.0490i	-0.0325-0.0549i	-0.0500-0.0833i	-0.0773-0.0647i
43.8	0.1449-0.0913i	-0.1871+0.1506i	-0.1214+0.1937i	0.0870-0.0544i	-0.0335-0.0501i	-0.0335-0.0549i	-0.0491-0.0819i	-0.0801-0.0672i
43.9	0.1486-0.0936i	-0.1782+0.1476i	-0.1270+0.1928i	0.1151-0.0567i	-0.0365-0.0483i	-0.0374-0.0532i	-0.0515-0.0778i	-0.0878-0.0648i
44.0	0.1512-0.0990i	-0.1665+0.1519i	-0.1154+0.1981i	0.1128-0.0831i	-0.0372-0.0451i	-0.0386-0.0503i	-0.0559-0.0741i	-0.0861-0.0594i
44.1	0.1561-0.0979i	-0.1713+0.1411i	-0.1050+0.1942i	0.1134-0.0983i	-0.0377-0.0416i	-0.0389-0.0459i	-0.0554-0.0702i	-0.0867-0.0528i
44.2	0.1588-0.1044i	-0.1844+0.1496i	-0.1292+0.2072i	0.1245-0.0997i	-0.0328-0.0406i	-0.0327-0.0457i	-0.0449-0.0704i	-0.0799-0.0492i
44.3	0.1651-0.1072i	-0.1885+0.1522i	-0.1217+0.2475i	0.1149-0.1394i	-0.0309-0.0389i	-0.0317-0.0433i	-0.0469-0.0705i	-0.0737-0.0414i
44.4	0.1748-0.1082i	-0.1916+0.1432i	-0.0789+0.2464i	0.0760-0.1445i	-0.0281-0.0371i	-0.0297-0.0411i	-0.0472-0.0689i	-0.0670-0.0364i
44.5	0.1732-0.1116i	-0.1929+0.1487i	-0.0669+0.2142i	0.0615-0.1085i	-0.0250-0.0375i	-0.0268-0.0417i	-0.0467-0.0638i	-0.0550-0.0433i
44.6	0.1724-0.1157i	-0.1921+0.1544i	-0.0708+0.2045i	0.0772-0.1025i	-0.0241-0.0386i	-0.0259-0.0433i	-0.0490-0.0603i	-0.0491-0.0505i
44.7	0.1772-0.1260i	-0.1942+0.1516i	-0.0573+0.1941i	0.0726-0.0992i	-0.0227-0.0389i	-0.0239-0.0442i	-0.0411-0.0560i	-0.0537-0.0550i
44.8	0.1815-0.1231i	-0.1954+0.1538i	-0.0655+0.1734i	0.0869-0.0772i	-0.0202-0.0379i	-0.0227-0.0431i	-0.0351-0.0617i	-0.0538-0.0488i
44.9	0.1780-0.1187i	-0.1884+0.1609i	-0.0883+0.1651i	0.1129-0.0729i	-0.0198-0.0389i	-0.0229-0.0426i	-0.0355-0.0616i	-0.0502-0.0488i
45.0	0.1747-0.1228i	-0.1941+0.1574i	-0.1074+0.1730i	0.1287-0.0914i	-0.0187-0.0352i	-0.0220-0.0387i	-0.0295-0.0547i	-0.0524-0.0433i
45.1	0.1870-0.1223i	-0.2054+0.1525i	-0.1179+0.2024i	0.1340-0.1194i	-0.0156-0.0341i	-0.0185-0.0377i	-0.0257-0.0602i	-0.0468-0.0367i
45.2	0.1955-0.1308i	-0.2051+0.1474i	-0.1004+0.2053i	0.1121-0.1170i	-0.0130-0.0350i	-0.0147-0.0383i	-0.0286-0.0626i	-0.0342-0.0363i
45.3	0.2049-0.1324i	-0.2129+0.1469i	-0.0984+0.1984i	0.1153-0.1179i	-0.0097-0.0339i	-0.0125-0.0380i	-0.0285-0.0556i	-0.0258-0.0399i
45.4	0.2131-0.1383i	-0.2181+0.1526i	-0.0992+0.1947i	0.1196-0.1253i	-0.0084-0.0332i	-0.0117-0.0374i	-0.0255-0.0472i	-0.0269-0.0459i
45.5	0.2085-0.1417i	-0.2176+0.1485i	-0.1143+0.1891i	0.1309-0.1193i	-0.0080-0.0326i	-0.0116-0.0364i	-0.0213-0.0458i	-0.0296-0.0450i
45.6	0.2094-0.1392i	-0.2279+0.1451i	-0.1108+0.2036i	0.1430-0.1342i	-0.0029-0.0325i	-0.0058-0.0360i	-0.0136-0.0467i	-0.0207-0.0456i
45.7	0.2154-0.1448i	-0.2279+0.1556i	-0.1096+0.2068i	0.1349-0.1298i	-0.0005-0.0344i	-0.0035-0.0386i	-0.0096-0.0493i	-0.0165-0.0498i
45.8	0.2099-0.1477i	-0.2348+0.1592i	-0.1321+0.2202i	0.1478-0.1500i	0.0018-0.0325i	-0.0015-0.0362i	-0.0023-0.0506i	-0.0131-0.0417i
45.9	0.2093-0.1409i	-0.2613+0.1626i	-0.1305+0.2437i	0.1255-0.1882i	0.0081-0.0324i	0.0043-0.0352i	0.0072-0.0542i	-0.0027-0.0392i
46.0	0.2187-0.1391i	-0.2561+0.1765i	-0.0976+0.2528i	0.0921-0.1850i	0.0110-0.0350i	0.0067-0.0381i	0.0025-0.0575i	0.0088-0.0424i
46.1	0.2227-0.1613i	-0.2582+0.1736i	-0.0979+0.2403i	0.0917-0.1870i	0.0145-0.0369i	0.0094-0.0403i	0.0039-0.0533i	0.0185-0.0505i
46.2	0.2343-0.1679i	-0.2826+0.1756i	-0.0768+0.2575i	0.0865-0.1934i	0.0165-0.0417i	0.0128-0.0446i	0.0143-0.0557i	0.0144-0.0638i
46.3	0.2444-0.1686i	-0.2746+0.1874i	-0.0875+0.2264i	0.1001-0.1742i	0.0167-0.0427i	0.0123-0.0448i	0.0207-0.0575i	0.0062-0.0656i
46.4	0.2537-0.1608i	-0.2616+0.1959i	-0.1030+0.2758i	0.1243-0.2089i	0.0193-0.0424i	0.0143-0.0446i	0.0260-0.0647i	0.0066-0.0584i
46.5	0.2547-0.1620i	-0.2800+0.1889i	-0.0374+0.2907i	0.0544-0.2184i	0.0198-0.0458i	0.0157-0.0468i	0.0203-0.0722i	0.0175-0.0628i
46.6	0.2658-0.1665i	-0.2889+0.1947i	-0.0004+0.2150i	0.0366-0.1679i	0.0209-0.0460i	0.0177-0.0469i	0.0210-0.0706i	0.0240-0.0649i
46.7	0.2716-0.1730i	-0.2860+0.2111i	-0.0168+0.1987i	0.0573-0.1514i	0.0226-0.0475i	0.0193-0.0487i	0.0188-0.0748i	0.0295-0.0669i
46.8	0.2714-0.1904i	-0.2895+0.2130i	-0.0371+0.1767i	0.0634-0.1340i	0.0235-0.0480i	0.0206-0.0493i	0.0158-0.0698i	0.0318-0.0733i
46.9	0.2848-0.2043i	-0.2981+0.2064i	-0.0629+0.1829i	0.0948-0.1439i	0.0301-0.0486i	0.0259-0.0495i	0.0323-0.0640i	0.0388-0.0772i
47.0	0.2851-0.2054i	-0.3072+0.2203i	-0.0733+0.2307i	0.0787-0.1810i	0.0345-0.0532i	0.0305-0.0537i	0.0411-0.0765i	0.0429-0.0821i
47.1	0.2811-0.2131i	-0.3130+0.2256i	-0.0274+0.2042i	0.0344-0.1641i	0.0339-0.0565i	0.0306-0.0569i	0.0322-0.0840i	0.0499-0.0896i
47.2	0.2924-0.2157i	-0.3142+0.2347i	-0.0237+0.1495i	0.0525-0.1070i	0.0351-0.0561i	0.0309-0.0580i	0.0293-0.0729i	0.0574-0.0959i
47.3	0.3051-0.2261i	-0.3105+0.2388i	-0.0592+0.1449i	0.1022-0.1102i	0.0369-0.0597i	0.0326-0.0615i	0.0352-0.0719i	0.0588-0.1058i
47.4	0.3137-0.2368i	-0.3105+0.2413i	-0.0803+0.1497i	0.1287-0.1423i	0.0380-0.0619i	0.0342-0.0627i	0.0395-0.0740i	0.0547-0.1146i
47.5	0.3130-0.2519i	-0.3225+0.2595i	-0.0984+0.1820i	0.1228-0.1608i	0.0393-0.0627i	0.0353-0.0633i	0.0419-0.0736i	0.0539-0.1146i
47.6	0.3151-0.2584i	-0.3280+0.2782i	-0.0925+0.2022i	0.1072-0.1782i	0.0430-0.0650i	0.0386-0.0656i	0.0471-0.0749i	0.0583-0.1176i
47.7	0.3172-0.2720i	-0.3297+0.2904i	-0.0700+0.2093i	0.0785-0.1864i	0.0448-0.0695i	0.0419-0.0703i	0.0506-0.0799i	0.0623-0.1252i
47.8	0.3191-0.2871i	-0.3439+0.2919i	-0.0418+0.1867i	0.0626-0.1708i	0.0462-0.0709i	0.0434-0.0714i	0.0493-0.0801i	0.0680-0.1312i
47.9	0.3197-0.3050i	-0.3459+0.3041i	-0.0326+0.1849i	0.0851-0.1499i	0.0494-0.0743i	0.0461-0.0751i	0.0578-0.0830i	0.0736-0.1423i
48.0	0.3140-0.3168i	-0.3257+0.3205i	-0.0337+0.1853i	0.0834-0.1338i	0.0459-0.0786i	0.0438-0.0798i	0.0594-0.0866i	0.0625-0.1488i
48.1	0.3219-0.3268i	-0.3134+0.3327i	-0.0361+0.1640i	0.0738-0.1169i	0.0437-0.0818i	0.0417-0.0824i	0.0519-0.0852i	0.0620-0.1550i
48.2	0.3184-0.3332i	-0.3164+0.3379i	-0.0842+0.1536i	0.0918-0.1258i	0.0451-0.0836i	0.0438-0.0835i	0.0548-0.0814i	0.0605-0.1673i
48.3	0.3000-0.3400i	-0.3297+0.3433i	-0.1028+0.1711i	0.0914-0.1478i	0.0441-0.0868i	0.0430-0.0884i	0.0579-0.0853i	0.0518-0.1801i
48.4	0.2907-0.3501i	-0.3102+0.3566i	-0.0735+0.1591i	0.0782-0.1343i	0.0436-0.0870i	0.0425-0.0888i	0.0654-0.0807i	0.0470-0.1842i
48.5	0.2931-0.3641i	-0.2961+0.3605i	-0.0748+0.1379i	0.0951-0.1210i	0.0454-0.0886i	0.0443-0.0902i	0.0771-0.0825i	0.0413-0.1866i
48.6	0.2921-0.3633i	-0.2969+0.3576i	-0.1017+0.1349i	0.1073-0.1277i	0.0460-0.0893i	0.0448-0.0908i	0.0819-0.0868i	0.0384-0.1839i
48.7	0.2924-0.3720i	-0.2955+0.3614i	-0.1162+0.1461i	0.1121-0.1436i	0.0472-0.0907i	0.0457-0.0937i	0.0864-0.0887i	0.0354-0.1892i
48.8	0.2930-0.3890i	-0.3002+0.3820i	-0.0998+0.1808i	0.0818-0.1662i	0.0493-0.0962i	0.0499-0.0999i	0.0970-0.0979i	0.0355-0.1989i
48.9	0.2905-0.3899i	-0.2852+0.3811i	-0.0753+0.1660i	0.0638-0.1367i	0.0491-0.0980i	0.0497-0.1017i	0.0968-0.1015i	0.0365-0.2015i
49.0	0.2720-0.3864i	-0.2812+0.3840i	-0.0856+0.1279i	0.0834-0.0941i	0.0480-0.0991i	0.0471-0.1023i	0.0969-0.0977i	0.0276-0.2084i
49.1	0.2726-0.3935i	-0.2827+0.3908i	-0.0961+0.1178i	0.0977-0.1119i	0.0493-0.0994i	0.0496-0.1029i	0.1060-0.0997i	0.0232-0.2091i
49.2	0.2484-0.3884i	-0.3157+0.3852i	-0.1487+0.1099i	0.1278-0.0963i	0.0533-0.0982i	0.0516-0.1004i	0.1156-0.0988i	0.0141-0.2047i
49.3	0.2584-0.3888i	-0.3054+0.3982i	-0.1792+0.1482i	0.1541-0.0952i	0.0555-0.0999i	0.0537-0.1039i	0.1255-0.1048i	0.0140-0.2042i
49.4	0.2849-0.4094i	-0.2862+0.3785i	-0.1552+0.1582i	0.1788-0.1681i	0.0619-0.1047i	0.0595-0.1075i	0.1420-0.1204i	0.0238-0.2074i
49.5	0.2720-0.4415i	-0.2967+0.3725i	-0.1422+0.1329i	0.1399-0.1931i	0.0644-0.1112i	0.0631-0.1140i	0.1412-0.1357i	0.0288-0.2155i
49.6	0.2562-0.4681i	-0.3260+0.3686i	-0.1952+0.0997i	0.1035-0.2315i	0.0633-0.1220i	0.0627-0.1248i	0.1378-0.1514i	0.0192-0.2408i
49.7	0.2737-0.4628i	-0.2994+0.3618i	-0.1567+0.1270i	0.1602-0.2203i	0.0706-0.1207i	0.0686-0.1237i	0.1615-0.1538i	0.0311-0.2336i

49.8	0.2627-0.4394i	-0.2936+0.3965i	-0.1436+0.1962i	0.1547-0.1895i	0.0727-0.1198i	0.0690-0.1238i	0.1689-0.1560i	0.0285-0.2195i
49.9	0.2549-0.4459i	-0.3018+0.3955i	-0.1383+0.1869i	0.1125-0.2075i	0.0703-0.1262i	0.0665-0.1305i	0.1627-0.1750i	0.0211-0.2241i
50.0	0.2481-0.4359i	-0.3112+0.4341i	-0.1621+0.2090i	0.1193-0.1547i	0.0709-0.1276i	0.0674-0.1315i	0.1580-0.1694i	0.0247-0.2252i
50.1	0.2521-0.4646i	-0.3170+0.4390i	-0.1601+0.2048i	0.1111-0.1741i	0.0732-0.1361i	0.0705-0.1398i	0.1649-0.1813i	0.0270-0.2413i
50.2	0.2472-0.4834i	-0.3177+0.4253i	-0.1600+0.1988i	0.0944-0.1903i	0.0748-0.1455i	0.0725-0.1496i	0.1705-0.2057i	0.0251-0.2518i
50.3	0.2485-0.4826i	-0.3099+0.4147i	-0.1531+0.2166i	0.0794-0.1811i	0.0782-0.1451i	0.0743-0.1515i	0.1726-0.2103i	0.0263-0.2443i
50.4	0.2425-0.4881i	-0.3124+0.4326i	-0.1340+0.2113i	0.0678-0.1598i	0.0783-0.1482i	0.0739-0.1556i	0.1716-0.2160i	0.0234-0.2498i
50.5	0.2484-0.4938i	-0.2877+0.4417i	-0.1320+0.1793i	0.0830-0.1505i	0.0794-0.1560i	0.0744-0.1620i	0.1774-0.2263i	0.0229-0.2609i
50.6	0.2326-0.4912i	-0.3042+0.4798i	-0.1447+0.1949i	0.0884-0.1454i	0.0804-0.1637i	0.0748-0.1702i	0.1768-0.2436i	0.0224-0.2703i
50.7	0.2393-0.5031i	-0.2960+0.4934i	-0.1342+0.1886i	0.1003-0.1360i	0.0811-0.1696i	0.0744-0.1761i	0.1794-0.2541i	0.0188-0.2776i
50.8	0.2199-0.5178i	-0.3073+0.4788i	-0.1375+0.1635i	0.1016-0.1286i	0.0784-0.1766i	0.0713-0.1816i	0.1795-0.2680i	0.0154-0.2867i
50.9	0.2262-0.5160i	-0.3053+0.4829i	-0.1366+0.1550i	0.1244-0.1269i	0.0804-0.1836i	0.0729-0.1879i	0.1802-0.2833i	0.0203-0.2921i
51.0	0.2305-0.5287i	-0.3151+0.5025i	-0.1653+0.1354i	0.1506-0.1222i	0.0834-0.1924i	0.0753-0.1943i	0.1804-0.2970i	0.0228-0.3035i
51.1	0.2306-0.5392i	-0.3021+0.5244i	-0.2013+0.1486i	0.1795-0.1433i	0.0846-0.2011i	0.0771-0.2023i	0.1861-0.3053i	0.0179-0.3152i
51.2	0.2190-0.5557i	-0.3026+0.5333i	-0.2042+0.1927i	0.1615-0.1744i	0.0815-0.2092i	0.0747-0.2111i	0.1870-0.3243i	0.0118-0.3202i
51.3	0.1955-0.5775i	-0.3173+0.5449i	-0.1840+0.1729i	0.1478-0.1833i	0.0802-0.2190i	0.0719-0.2212i	0.1789-0.3483i	0.0127-0.3334i
51.4	0.1915-0.6010i	-0.3135+0.5447i	-0.1608+0.1554i	0.1620-0.1603i	0.0798-0.2287i	0.0715-0.2292i	0.1784-0.3631i	0.0179-0.3452i
51.5	0.1992-0.6126i	-0.2838+0.5547i	-0.1747+0.1418i	0.1843-0.1332i	0.0734-0.2397i	0.0661-0.2383i	0.1696-0.3732i	0.0112-0.3604i
51.6	0.1956-0.6091i	-0.2637+0.5681i	-0.2319+0.1675i	0.2149-0.1632i	0.0682-0.2471i	0.0623-0.2450i	0.1672-0.3817i	-0.0038-0.3708i
51.7	0.1752-0.6132i	-0.2601+0.5864i	-0.2418+0.2205i	0.1848-0.2086i	0.0633-0.2545i	0.0592-0.2535i	0.1629-0.4020i	-0.0194-0.3777i
51.8	0.1683-0.6114i	-0.2531+0.5949i	-0.2236+0.2254i	0.1656-0.2029i	0.0590-0.2588i	0.0547-0.2592i	0.1541-0.4153i	-0.0269-0.3803i
51.9	0.1750-0.6230i	-0.2423+0.6080i	-0.2297+0.2104i	0.1813-0.1957i	0.0561-0.2660i	0.0496-0.2665i	0.1494-0.4279i	-0.0323-0.3895i
52.0	0.1555-0.6328i	-0.2441+0.6138i	-0.2391+0.1983i	0.1766-0.2031i	0.0484-0.2743i	0.0430-0.2737i	0.1405-0.4427i	-0.0448-0.3979i
52.1	0.1237-0.6468i	-0.2219+0.6297i	-0.2477+0.2217i	0.1697-0.2255i	0.0365-0.2853i	0.0334-0.2845i	0.1226-0.4643i	-0.0612-0.4068i
52.2	0.1095-0.6517i	-0.2004+0.6364i	-0.2408+0.2320i	0.1586-0.2248i	0.0299-0.2914i	0.0266-0.2908i	0.1098-0.4765i	-0.0729-0.4119i
52.3	0.0952-0.6467i	-0.1952+0.6374i	-0.2269+0.2362i	0.1456-0.2188i	0.0221-0.2943i	0.0194-0.2932i	0.0950-0.4851i	-0.0822-0.4115i
52.4	0.0876-0.6525i	-0.1890+0.6476i	-0.2237+0.2196i	0.1376-0.2121i	0.0186-0.3018i	0.0163-0.2991i	0.0888-0.4959i	-0.0847-0.4198i
52.5	0.0625-0.6685i	-0.1733+0.6633i	-0.2486+0.2281i	0.1531-0.2196i	0.0069-0.3168i	0.0065-0.3144i	0.0726-0.5227i	-0.1003-0.4387i
52.6	0.0358-0.6733i	-0.1452+0.6739i	-0.2520+0.2415i	0.1422-0.2271i	-0.0063-0.3220i	-0.0068-0.3199i	0.0508-0.5320i	-0.1209-0.4456i
52.7	0.0357-0.6798i	-0.1370+0.6805i	-0.2434+0.2156i	0.1368-0.1960i	-0.0093-0.3265i	-0.0107-0.3241i	0.0386-0.5389i	-0.1226-0.4518i
52.8	0.0288-0.6898i	-0.1434+0.6944i	-0.2885+0.2209i	0.1532-0.1974i	-0.0167-0.3342i	-0.0149-0.3318i	0.0318-0.5489i	-0.1310-0.4615i
52.9	0.0114-0.6850i	-0.1374+0.6838i	-0.3124+0.2663i	0.1506-0.2232i	-0.0243-0.3323i	-0.0217-0.3324i	0.0243-0.5532i	-0.1456-0.4572i
53.0	-0.0097-0.6819i	-0.1167+0.6891i	-0.2820+0.2957i	0.1264-0.2221i	-0.0371-0.3362i	-0.0339-0.3390i	-0.0000-0.5667i	-0.1611-0.4593i
53.1	-0.0279-0.6850i	-0.0968+0.7088i	-0.2773+0.2851i	0.1153-0.1962i	-0.0488-0.3475i	-0.0454-0.3498i	-0.0202-0.5832i	-0.1773-0.4746i
53.2	-0.0515-0.6813i	-0.0656+0.7089i	-0.2901+0.3105i	0.1351-0.2042i	-0.0646-0.3478i	-0.0618-0.3532i	-0.0469-0.5877i	-0.1983-0.4758i
53.3	-0.0652-0.6808i	-0.0452+0.7063i	-0.2766+0.3391i	0.1266-0.2073i	-0.0755-0.3487i	-0.0722-0.3561i	-0.0632-0.5944i	-0.2131-0.4777i
53.4	-0.0875-0.6726i	-0.0235+0.7253i	-0.2612+0.3134i	0.1290-0.1647i	-0.0914-0.3555i	-0.0892-0.3621i	-0.0901-0.6039i	-0.2378-0.4868i
53.5	-0.0996-0.6760i	-0.0093+0.7155i	-0.2709+0.3081i	0.1421-0.1555i	-0.1004-0.3557i	-0.0987-0.3632i	-0.1049-0.6057i	-0.2504-0.4829i
53.6	-0.1297-0.6778i	0.0152+0.7093i	-0.2898+0.3055i	0.1638-0.1500i	-0.1149-0.3570i	-0.1130-0.3663i	-0.1289-0.6136i	-0.2706-0.4802i
53.7	-0.1484-0.6749i	0.0406+0.7025i	-0.3292+0.3140i	0.2033-0.1498i	-0.1317-0.3570i	-0.1289-0.3677i	-0.1558-0.6155i	-0.2929-0.4818i
53.8	-0.1689-0.6466i	0.0743+0.6769i	-0.3304+0.3311i	0.2273-0.1476i	-0.1478-0.3495i	-0.1456-0.3605i	-0.1820-0.6009i	-0.3182-0.4738i
53.9	-0.1806-0.6150i	0.0876+0.6425i	-0.3806+0.3928i	0.2732-0.1872i	-0.1573-0.3327i	-0.1550-0.3462i	-0.1935-0.5814i	-0.3355-0.4448i
54.0	-0.1829-0.5989i	0.0957+0.6335i	-0.3688+0.4869i	0.2576-0.2441i	-0.1668-0.3271i	-0.1659-0.3453i	-0.2079-0.5838i	-0.3527-0.4298i
54.1	-0.1851-0.5898i	0.0923+0.6203i	-0.3102+0.5163i	0.2229-0.2616i	-0.1709-0.3272i	-0.1726-0.3471i	-0.2234-0.5877i	-0.3538-0.4284i
54.2	-0.1930-0.5868i	0.1007+0.6044i	-0.2670+0.4583i	0.2206-0.2280i	-0.1810-0.3190i	-0.1880-0.3394i	-0.2495-0.5756i	-0.3674-0.4179i
54.3	-0.2110-0.5695i	0.1046+0.5908i	-0.3162+0.4820i	0.2679-0.2380i	-0.1897-0.3144i	-0.1972-0.3333i	-0.2570-0.5715i	-0.3846-0.4084i
54.4	-0.2040-0.5532i	0.0946+0.5807i	-0.3020+0.5717i	0.2570-0.2952i	-0.1905-0.3119i	-0.1998-0.3325i	-0.2642-0.5762i	-0.3862-0.3970i
54.5	-0.2030-0.5433i	0.1001+0.5808i	-0.2595+0.6108i	0.2396-0.3261i	-0.1950-0.3088i	-0.2084-0.3301i	-0.2798-0.5787i	-0.3908-0.3865i
54.6	-0.2285-0.5483i	0.1137+0.5937i	-0.1757+0.6249i	0.2096-0.3360i	-0.2066-0.3109i	-0.2263-0.3333i	-0.3142-0.5860i	-0.4031-0.3874i
54.7	-0.2339-0.5531i	0.1166+0.6010i	-0.1030+0.5813i	0.1821-0.3175i	-0.2126-0.3177i	-0.2363-0.3355i	-0.3383-0.5871i	-0.4083-0.4000i
54.8	-0.2556-0.5427i	0.1342+0.5846i	-0.1619+0.5425i	0.2408-0.3117i	-0.2238-0.3156i	-0.2457-0.3277i	-0.3483-0.5744i	-0.4294-0.3980i
54.9	-0.2475-0.5238i	0.1279+0.5721i	-0.1847+0.6473i	0.2682-0.4179i	-0.2266-0.3057i	-0.2485-0.3188i	-0.3506-0.5716i	-0.4368-0.3735i
55.0	-0.2435-0.5150i	0.1337+0.5636i	-0.0734+0.7107i	0.1843-0.4747i	-0.2325-0.3020i	-0.2586-0.3135i	-0.3762-0.5709i	-0.4380-0.3585i
55.1	-0.2593-0.5096i	0.1528+0.5716i	0.0067+0.6717i	0.1243-0.4576i	-0.2460-0.3052i	-0.2732-0.3118i	-0.4105-0.5677i	-0.4509-0.3634i
55.2	-0.2775-0.4954i	0.1700+0.5709i	0.0509+0.6319i	0.0856-0.4444i	-0.2635-0.3002i	-0.2911-0.3042i	-0.4414-0.5522i	-0.4722-0.3562i
55.3	-0.3042-0.4655i	0.1979+0.5515i	0.1092+0.5679i	0.0382-0.4081i	-0.2796-0.2936i	-0.3075-0.2932i	-0.4723-0.5295i	-0.4900-0.3462i
55.4	-0.3062-0.4432i	0.2090+0.5275i	0.1183+0.5050i	0.0090-0.3597i	-0.2934-0.2763i	-0.3175-0.2760i	-0.4964-0.4959i	-0.5076-0.3260i
55.5	-0.2965-0.4206i	0.2240+0.4892i	0.0721+0.4617i	0.0455-0.3329i	-0.3008-0.2593i	-0.3203-0.2574i	-0.5036-0.4634i	-0.5157-0.3036i
55.6	-0.3030-0.3953i	0.2235+0.4765i	0.0777+0.5024i	0.0310-0.3678i	-0.3087-0.2470i	-0.3285-0.2456i	-0.5140-0.4463i	-0.5298-0.2821i
55.7	-0.3020-0.3785i	0.2223+0.4807i	0.1350+0.5035i	-0.0049-0.3559i	-0.3104-0.2423i	-0.3329-0.2423i	-0.5213-0.4383i	-0.5307-0.2765i
55.8	-0.2955-0.3606i	0.2283+0.4485i	0.1681+0.4548i	-0.0281-0.3227i	-0.3145-0.2337i	-0.3352-0.2306i	-0.5285-0.4202i	-0.5327-0.2640i
55.9	-0.2872-0.3466i	0.2249+0.4196i	0.1687+0.4066i	-0.0319-0.2901i	-0.3192-0.2210i	-0.3377-0.2181i	-0.5379-0.3948i	-0.5341-0.2482i
56.0	-0.2877-0.3204i	0.2214+0.4051i	0.1411+0.3609i	0.0058-0.2505i	-0.3215-0.2054i	-0.3402-0.2027i	-0.5425-0.3635i	-0.5354-0.2283i

56.1	-0.2695-0.3035i	0.2049+0.3765i	0.0960+0.3813i	0.0350-0.2735i	-0.3214-0.1905i	-0.3389-0.1892i	-0.5364-0.3405i	-0.5375-0.2081i
56.2	-0.2556-0.2925i	0.2015+0.3616i	0.1423+0.3851i	0.0008-0.2789i	-0.3213-0.1811i	-0.3410-0.1803i	-0.5380-0.3261i	-0.5377-0.1929i
56.3	-0.2416-0.2876i	0.1879+0.3612i	0.1715+0.3465i	-0.0242-0.2437i	-0.3187-0.1758i	-0.3406-0.1726i	-0.5366-0.3127i	-0.5360-0.1867i
56.4	-0.2218-0.2796i	0.1797+0.3507i	0.1726+0.3291i	-0.0197-0.2227i	-0.3191-0.1711i	-0.3408-0.1666i	-0.5356-0.3023i	-0.5386-0.1786i
56.5	-0.2124-0.2777i	0.1614+0.3459i	0.1678+0.3065i	-0.0151-0.2174i	-0.3197-0.1663i	-0.3408-0.1606i	-0.5374-0.2903i	-0.5389-0.1733i
56.6	-0.2012-0.2614i	0.1573+0.3515i	0.1638+0.2765i	-0.0146-0.1966i	-0.3168-0.1577i	-0.3367-0.1508i	-0.5308-0.2755i	-0.5363-0.1591i
56.7	-0.1879-0.2489i	0.1451+0.3333i	0.1402+0.2470i	0.0040-0.1801i	-0.3118-0.1480i	-0.3317-0.1415i	-0.5226-0.2591i	-0.5250-0.1473i
56.8	-0.1722-0.2522i	0.1310+0.3197i	0.1299+0.2257i	0.0147-0.1638i	-0.3113-0.1397i	-0.3306-0.1325i	-0.5197-0.2461i	-0.5276-0.1350i
56.9	-0.1612-0.2547i	0.1207+0.3123i	0.1322+0.2115i	0.0261-0.1576i	-0.3094-0.1354i	-0.3273-0.1281i	-0.5150-0.2381i	-0.5217-0.1305i
57.0	-0.1419-0.2451i	0.1084+0.3122i	0.1059+0.1921i	0.0365-0.1472i	-0.3059-0.1327i	-0.3237-0.1247i	-0.5110-0.2277i	-0.5184-0.1287i
57.1	-0.1274-0.2425i	0.0963+0.3031i	0.0693+0.1619i	0.0685-0.1226i	-0.3010-0.1259i	-0.3177-0.1176i	-0.5001-0.2152i	-0.5112-0.1192i
57.2	-0.1255-0.2344i	0.0828+0.2981i	0.0173+0.1892i	0.1031-0.1411i	-0.3012-0.1183i	-0.3161-0.1109i	-0.4965-0.2054i	-0.5116-0.1100i
57.3	-0.1223-0.2347i	0.0730+0.3011i	0.0259+0.2293i	0.0956-0.1732i	-0.3043-0.1160i	-0.3199-0.1083i	-0.4991-0.2007i	-0.5200-0.1090i
57.4	-0.1187-0.2454i	0.0694+0.3115i	0.0403+0.2208i	0.0787-0.1635i	-0.3017-0.1159i	-0.3178-0.1070i	-0.4954-0.1972i	-0.5195-0.1057i
57.5	-0.1076-0.2482i	0.0641+0.3177i	0.0475+0.1918i	0.0750-0.1560i	-0.3033-0.1097i	-0.3180-0.0990i	-0.4953-0.1837i	-0.5215-0.0927i
57.6	-0.0941-0.2482i	0.0527+0.3145i	0.0405+0.1749i	0.0855-0.1506i	-0.3002-0.1098i	-0.3160-0.0976i	-0.4921-0.1838i	-0.5162-0.0932i
57.7	-0.0859-0.2517i	0.0437+0.3083i	0.0306+0.1635i	0.0873-0.1417i	-0.2995-0.1068i	-0.3151-0.0948i	-0.4893-0.1800i	-0.5143-0.0883i
57.8	-0.0794-0.2529i	0.0410+0.3015i	0.0252+0.1531i	0.0971-0.1383i	-0.2982-0.1015i	-0.3121-0.0890i	-0.4873-0.1709i	-0.5119-0.0776i
57.9	-0.0663-0.2659i	0.0306+0.3057i	0.0193+0.1478i	0.1168-0.1269i	-0.2965-0.0985i	-0.3106-0.0856i	-0.4842-0.1639i	-0.5120-0.0704i
58.0	-0.0597-0.2645i	0.0160+0.3228i	0.0131+0.1489i	0.1251-0.1280i	-0.2924-0.0976i	-0.3077-0.0846i	-0.4785-0.1618i	-0.5073-0.0672i
58.1	-0.0541-0.2758i	0.0163+0.3281i	0.0010+0.1407i	0.1376-0.1265i	-0.2923-0.0944i	-0.3071-0.0821i	-0.4769-0.1582i	-0.5046-0.0662i
58.2	-0.0489-0.2799i	0.0051+0.3188i	-0.0150+0.1350i	0.1519-0.1333i	-0.2934-0.0924i	-0.3072-0.0788i	-0.4789-0.1540i	-0.5046-0.0648i
58.3	-0.0591-0.2984i	0.0091+0.3273i	-0.0335+0.1254i	0.1577-0.1311i	-0.2996-0.0911i	-0.3112-0.0782i	-0.4855-0.1524i	-0.5145-0.0584i
58.4	-0.0517-0.2938i	0.0198+0.3402i	-0.0369+0.1190i	0.1645-0.1236i	-0.2986-0.0881i	-0.3118-0.0761i	-0.4827-0.1439i	-0.5146-0.0559i
58.5	-0.0440-0.2950i	0.0136+0.3427i	-0.0484+0.1069i	0.1736-0.1267i	-0.2991-0.0883i	-0.3135-0.0747i	-0.4831-0.1429i	-0.5161-0.0554i
58.6	-0.0520-0.3062i	0.0072+0.3520i	-0.0758+0.1227i	0.1831-0.1350i	-0.2973-0.0828i	-0.3109-0.0687i	-0.4760-0.1353i	-0.5156-0.0458i
58.7	-0.0506-0.3117i	0.0043+0.3423i	-0.0724+0.1317i	0.1803-0.1448i	-0.2950-0.0800i	-0.3087-0.0642i	-0.4710-0.1298i	-0.5160-0.0397i
58.8	-0.0526-0.3072i	0.0017+0.3453i	-0.0730+0.1258i	0.1824-0.1448i	-0.2962-0.0794i	-0.3093-0.0643i	-0.4702-0.1266i	-0.5185-0.0401i
58.9	-0.0534-0.3098i	-0.0125+0.3564i	-0.0904+0.1162i	0.1925-0.1450i	-0.2960-0.0807i	-0.3086-0.0660i	-0.4662-0.1254i	-0.5247-0.0438i
59.0	-0.0543-0.3030i	0.0031+0.3565i	-0.1019+0.1058i	0.1938-0.1482i	-0.2997-0.0788i	-0.3112-0.0615i	-0.4684-0.1200i	-0.5283-0.0359i
59.1	-0.0540-0.3130i	0.0038+0.3521i	-0.1220+0.1108i	0.2149-0.1462i	-0.2984-0.0758i	-0.3095-0.0579i	-0.4649-0.1174i	-0.5268-0.0303i
59.2	-0.0597-0.3123i	0.0030+0.3510i	-0.1288+0.0998i	0.2166-0.1473i	-0.2976-0.0732i	-0.3076-0.0559i	-0.4588-0.1161i	-0.5273-0.0271i
59.3	-0.0618-0.3092i	0.0048+0.3520i	-0.1487+0.0972i	0.2353-0.1537i	-0.2968-0.0699i	-0.3069-0.0533i	-0.4552-0.1124i	-0.5290-0.0219i
59.4	-0.0719-0.3130i	0.0004+0.3585i	-0.1774+0.1076i	0.2506-0.1536i	-0.3037-0.0644i	-0.3114-0.0469i	-0.4594-0.1060i	-0.5424-0.0094i
59.5	-0.0705-0.3111i	0.0086+0.3603i	-0.1848+0.1143i	0.2597-0.1553i	-0.3054-0.0626i	-0.3115-0.0436i	-0.4599-0.1044i	-0.5440-0.0046i
59.6	-0.0595-0.3167i	0.0080+0.3595i	-0.1887+0.1204i	0.2642-0.1524i	-0.3075-0.0645i	-0.3149-0.0451i	-0.4614-0.1117i	-0.5513-0.0004i
59.7	-0.0496-0.3096i	0.0124+0.3626i	-0.1998+0.1210i	0.2748-0.1590i	-0.3097-0.0626i	-0.3171-0.0417i	-0.4635-0.1093i	-0.5562+0.0074i
59.8	-0.0434-0.2936i	0.0072+0.3735i	-0.2061+0.1263i	0.2907-0.1780i	-0.3087-0.0624i	-0.3167-0.0419i	-0.4612-0.1099i	-0.5551+0.0089i
59.9	0.0578-0.4777i	0.1157+0.1493i	-0.3129+0.0080i	0.2346-0.2221i	-0.3197-0.0666i	-0.3270-0.0462i	-0.4667-0.1166i	-0.5737-0.0107i
60.0	0.2088-0.6907i	0.2846-0.1064i	-0.4212-0.1451i	0.1763-0.2832i	-0.3323-0.0740i	-0.3393-0.0537i	-0.4742-0.1301i	-0.5942-0.0345i
60.1	0.0186-0.3386i	0.0780+0.3237i	-0.2537+0.1010i	0.3073-0.2084i	-0.3143-0.0585i	-0.3183-0.0386i	-0.4585-0.1103i	-0.5657+0.0159i
60.2	-0.0518-0.3050i	-0.0183+0.3656i	-0.2539+0.1576i	0.3133-0.2014i	-0.3130-0.0539i	-0.3168-0.0355i	-0.4567-0.1080i	-0.5656+0.0320i
60.3	-0.0377-0.2971i	-0.0134+0.3558i	-0.2789+0.1747i	0.3116-0.2104i	-0.3156-0.0489i	-0.3178-0.0290i	-0.4610-0.1056i	-0.5686+0.0463i
60.4	-0.0317-0.2960i	-0.0184+0.3607i	-0.2918+0.1779i	0.3304-0.2184i	-0.3193-0.0484i	-0.3213-0.0283i	-0.4673-0.1106i	-0.5744+0.0510i
60.5	-0.0223-0.3059i	-0.0209+0.3662i	-0.2974+0.1830i	0.3312-0.2273i	-0.3218-0.0513i	-0.3251-0.0312i	-0.4715-0.1188i	-0.5801+0.0546i
60.6	-0.0232-0.3064i	-0.0257+0.3745i	-0.3141+0.2003i	0.3397-0.2350i	-0.3224-0.0487i	-0.3232-0.0285i	-0.4712-0.1188i	-0.5766+0.0612i
60.7	-0.0325-0.3225i	-0.0229+0.3756i	-0.3189+0.2020i	0.3573-0.2542i	-0.3247-0.0418i	-0.3256-0.0240i	-0.4785-0.1132i	-0.5788+0.0747i
60.8	-0.0310-0.3339i	-0.0171+0.3788i	-0.3301+0.2124i	0.3572-0.2578i	-0.3275-0.0394i	-0.3291-0.0201i	-0.4863-0.1106i	-0.5792+0.0824i
60.9	-0.0386-0.3271i	-0.0044+0.3805i	-0.3376+0.2330i	0.3573-0.2702i	-0.3332-0.0350i	-0.3343-0.0147i	-0.4936-0.1016i	-0.5857+0.0904i
61.0	-0.0389-0.3143i	-0.0096+0.3858i	-0.3377+0.2380i	0.3643-0.2792i	-0.3405-0.0330i	-0.3400-0.0145i	-0.5018-0.0980i	-0.5987+0.0938i
61.1	-0.0429-0.3114i	-0.0155+0.3981i	-0.3461+0.2423i	0.3626-0.2780i	-0.3457-0.0292i	-0.3434-0.0113i	-0.5098-0.0938i	-0.6039+0.0982i
61.2	-0.0401-0.3088i	-0.0120+0.3905i	-0.3691+0.2610i	0.3705-0.2866i	-0.3495-0.0214i	-0.3456-0.0026i	-0.5109-0.0870i	-0.6157+0.1132i
61.3	-0.0352-0.3116i	-0.0203+0.3905i	-0.3818+0.2627i	0.3824-0.2868i	-0.3519-0.0192i	-0.3479-0.0012i	-0.5105-0.0890i	-0.6245+0.1220i
61.4	-0.0352-0.3169i	-0.0269+0.3946i	-0.3919+0.2589i	0.3822-0.2916i	-0.3561-0.0141i	-0.3515+0.0038i	-0.5176-0.0838i	-0.6292+0.1383i
61.5	-0.0288-0.3009i	-0.0211+0.3899i	-0.4099+0.2964i	0.3971-0.3035i	-0.3575-0.0023i	-0.3503+0.0156i	-0.5178-0.0697i	-0.6234+0.1603i
61.6	-0.0220-0.3023i	-0.0366+0.3950i	-0.4079+0.3218i	0.4089-0.3054i	-0.3568+0.0002i	-0.3494+0.0169i	-0.5188-0.0718i	-0.6196+0.1680i
61.7	-0.0082-0.3100i	-0.0325+0.3969i	-0.4076+0.3381i	0.4138-0.3252i	-0.3536+0.0039i	-0.3470+0.0206i	-0.5138-0.0713i	-0.6125+0.1736i
61.8	-0.0043-0.2974i	-0.0185+0.3854i	-0.4256+0.3444i	0.4305-0.3397i	-0.3609+0.0185i	-0.3529+0.0349i	-0.5242-0.0592i	-0.6258+0.2087i
61.9	0.0044-0.2962i	-0.0267+0.4020i	-0.4326+0.3660i	0.4411-0.3574i	-0.3687+0.0196i	-0.3611+0.0373i	-0.5361-0.0613i	-0.6416+0.2180i
62.0	0.0034-0.3046i	-0.0384+0.4023i	-0.4557+0.3802i	0.4499-0.3814i	-0.3710+0.0199i	-0.3621+0.0369i	-0.5396-0.0662i	-0.6449+0.2254i
62.1	0.0119-0.3065i	-0.0527+0.4228i	-0.4586+0.4039i	0.4445-0.4005i	-0.3735+0.0236i	-0.3656+0.0403i	-0.5516-0.0685i	-0.6450+0.2411i
62.2	0.0233-0.3118i	-0.0465+0.4161i	-0.4354+0.4234i	0.4415-0.4159i	-0.3718+0.0318i	-0.3647+0.0464i	-0.5560-0.0608i	-0.6367+0.2590i
62.3	0.0201-0.3245i	-0.0478+0.4156i	-0.4256+0.4531i	0.4371-0.4319i	-0.3727+0.0391i	-0.3632+0.0526i	-0.5583-0.0535i	-0.6301+0.2734i

62.4	0.0321-0.3208i	-0.0517+0.4151i	-0.4289+0.4605i	0.4499-0.4505i	-0.3717+0.0448i	-0.3595+0.0581i	-0.5627-0.0497i	-0.6205+0.2862i
62.5	0.0343-0.3249i	-0.0451+0.4232i	-0.4243+0.4901i	0.4581-0.4766i	-0.3711+0.0536i	-0.3602+0.0643i	-0.5674-0.0420i	-0.6146+0.3010i
62.6	0.0409-0.3178i	-0.0618+0.4166i	-0.4259+0.5162i	0.4669-0.4892i	-0.3753+0.0587i	-0.3643+0.0691i	-0.5794-0.0384i	-0.6144+0.3146i
62.7	0.0488-0.3336i	-0.0560+0.4231i	-0.4216+0.5383i	0.4424-0.5017i	-0.3749+0.0700i	-0.3639+0.0803i	-0.5910-0.0248i	-0.6066+0.3354i
62.8	0.0606-0.3369i	-0.0686+0.4393i	-0.4134+0.5613i	0.4369-0.5157i	-0.3784+0.0733i	-0.3661+0.0842i	-0.6045-0.0223i	-0.6019+0.3462i
62.9	0.0609-0.3336i	-0.0607+0.4395i	-0.4093+0.5746i	0.4408-0.5290i	-0.3736+0.0756i	-0.3615+0.0872i	-0.5986-0.0175i	-0.5873+0.3528i
63.0	0.0545-0.3368i	-0.0330+0.4367i	-0.4032+0.6040i	0.4359-0.5557i	-0.3677+0.0913i	-0.3552+0.1005i	-0.6038+0.0076i	-0.5662+0.3768i
63.1	0.0569-0.3424i	-0.0492+0.4577i	-0.3981+0.6282i	0.4356-0.5726i	-0.3727+0.0941i	-0.3606+0.1015i	-0.6192+0.0091i	-0.5668+0.3812i
63.2	0.0593-0.3592i	-0.0622+0.4673i	-0.3781+0.6484i	0.4244-0.5845i	-0.3786+0.1009i	-0.3671+0.1071i	-0.6347+0.0163i	-0.5715+0.3937i
63.3	0.0624-0.3643i	-0.0539+0.4703i	-0.3548+0.6788i	0.4116-0.6114i	-0.3779+0.1141i	-0.3662+0.1210i	-0.6431+0.0367i	-0.5602+0.4176i
63.4	0.0682-0.3701i	-0.0553+0.4719i	-0.3529+0.6942i	0.4058-0.6348i	-0.3791+0.1175i	-0.3676+0.1242i	-0.6515+0.0403i	-0.5551+0.4252i
63.5	0.0730-0.3810i	-0.0707+0.4795i	-0.3436+0.6955i	0.3971-0.6427i	-0.3800+0.1232i	-0.3684+0.1293i	-0.6560+0.0523i	-0.5525+0.4297i
63.6	0.0700-0.3868i	-0.0637+0.5054i	-0.3388+0.7137i	0.3914-0.6621i	-0.3791+0.1324i	-0.3663+0.1378i	-0.6583+0.0744i	-0.5445+0.4427i
63.7	0.0800-0.3793i	-0.0595+0.5018i	-0.3258+0.7241i	0.3715-0.6642i	-0.3800+0.1339i	-0.3671+0.1389i	-0.6638+0.0774i	-0.5431+0.4462i
63.8	0.0889-0.3809i	-0.0545+0.5070i	-0.3105+0.7413i	0.3710-0.6798i	-0.3753+0.1394i	-0.3651+0.1446i	-0.6633+0.0883i	-0.5317+0.4501i
63.9	0.0862-0.4033i	-0.0464+0.5107i	-0.2786+0.7571i	0.3424-0.7012i	-0.3726+0.1546i	-0.3633+0.1598i	-0.6669+0.1175i	-0.5172+0.4723i
64.0	0.0962-0.4203i	-0.0432+0.5086i	-0.2708+0.7488i	0.3481-0.7162i	-0.3754+0.1585i	-0.3645+0.1629i	-0.6743+0.1239i	-0.5214+0.4753i
64.1	0.0821-0.4398i	-0.0371+0.5375i	-0.2397+0.7758i	0.3285-0.7360i	-0.3777+0.1729i	-0.3665+0.1758i	-0.6865+0.1510i	-0.5170+0.4968i
64.2	0.0767-0.4570i	-0.0386+0.5523i	-0.2092+0.8020i	0.2931-0.7615i	-0.3810+0.1864i	-0.3690+0.1879i	-0.6985+0.1745i	-0.5106+0.5149i
64.3	0.0860-0.4543i	-0.0350+0.5470i	-0.2009+0.7883i	0.2913-0.7602i	-0.3759+0.1954i	-0.3654+0.1971i	-0.6926+0.1932i	-0.4994+0.5232i
64.4	0.0913-0.4522i	-0.0342+0.5484i	-0.2090+0.7792i	0.3022-0.7486i	-0.3721+0.1966i	-0.3590+0.2008i	-0.6832+0.2004i	-0.4933+0.5243i
64.5	0.1044-0.4616i	-0.0507+0.5482i	-0.1976+0.8154i	0.2894-0.7748i	-0.3706+0.2013i	-0.3579+0.2034i	-0.6821+0.2089i	-0.4891+0.5249i
64.6	0.1121-0.4708i	-0.0573+0.5418i	-0.1639+0.8132i	0.2767-0.7650i	-0.3670+0.2096i	-0.3566+0.2097i	-0.6811+0.2249i	-0.4822+0.5336i
64.7	0.1155-0.4696i	-0.0419+0.5500i	-0.1490+0.8060i	0.2711-0.7786i	-0.3550+0.2183i	-0.3447+0.2189i	-0.6564+0.2426i	-0.4665+0.5457i
64.8	0.1052-0.4733i	-0.0450+0.5799i	-0.1290+0.8381i	0.2414-0.8179i	-0.3597+0.2299i	-0.3485+0.2303i	-0.6655+0.2595i	-0.4710+0.5667i
64.9	0.0947-0.4898i	-0.0296+0.5854i	-0.1157+0.8467i	0.2251-0.8321i	-0.3508+0.2429i	-0.3415+0.2405i	-0.6557+0.2808i	-0.4560+0.5842i
65.0	0.1004-0.5008i	-0.0178+0.5942i	-0.0860+0.8550i	0.2119-0.8320i	-0.3412+0.2561i	-0.3336+0.2536i	-0.6452+0.3048i	-0.4350+0.6042i
65.1	0.1099-0.5166i	-0.0381+0.6009i	-0.0620+0.8623i	0.1852-0.8404i	-0.3413+0.2598i	-0.3326+0.2592i	-0.6459+0.3110i	-0.4289+0.6123i
65.2	0.1121-0.5322i	-0.0469+0.6134i	-0.0511+0.8747i	0.1713-0.8543i	-0.3409+0.2629i	-0.3321+0.2616i	-0.6458+0.3121i	-0.4242+0.6222i
65.3	0.1104-0.5438i	-0.0225+0.6307i	-0.0298+0.8685i	0.1440-0.8503i	-0.3325+0.2746i	-0.3240+0.2735i	-0.6382+0.3325i	-0.4110+0.6403i
65.4	0.1081-0.5526i	-0.0258+0.6504i	-0.0071+0.8541i	0.1034-0.8356i	-0.3299+0.2873i	-0.3217+0.2871i	-0.6397+0.3559i	-0.3997+0.6609i
65.5	0.1162-0.5756i	-0.0068+0.6631i	0.0126+0.8750i	0.0952-0.8665i	-0.3231+0.2962i	-0.3153+0.2935i	-0.6346+0.3699i	-0.3795+0.6725i
65.6	0.1129-0.5999i	0.0055+0.6679i	0.0375+0.8854i	0.1008-0.8791i	-0.3187+0.3055i	-0.3112+0.3033i	-0.6296+0.3813i	-0.3666+0.6919i
65.7	0.1035-0.6079i	0.0024+0.6815i	0.0532+0.8921i	0.0837-0.8831i	-0.3167+0.3111i	-0.3090+0.3084i	-0.6331+0.3875i	-0.3570+0.7062i
65.8	0.1023-0.6373i	0.0107+0.6793i	0.0700+0.8940i	0.0568-0.8992i	-0.3051+0.3206i	-0.2994+0.3184i	-0.6248+0.4044i	-0.3327+0.7244i
65.9	0.0953-0.6609i	0.0207+0.6874i	0.1105+0.8865i	0.0246-0.9005i	-0.3014+0.3277i	-0.2946+0.3265i	-0.6286+0.4230i	-0.3135+0.7314i
66.0	0.0862-0.6707i	0.0325+0.6935i	0.1208+0.8743i	0.0069-0.8825i	-0.2895+0.3298i	-0.2825+0.3289i	-0.6158+0.4315i	-0.2888+0.7236i
66.1	0.0860-0.6847i	0.0298+0.7078i	0.1475+0.8572i	0.0048-0.8624i	-0.2820+0.3346i	-0.2771+0.3332i	-0.6099+0.4441i	-0.2756+0.7259i
66.2	0.0593-0.6949i	0.0751+0.7120i	0.1796+0.8236i	-0.0168-0.8516i	-0.2680+0.3480i	-0.2627+0.3461i	-0.5957+0.4786i	-0.2377+0.7383i
66.3	0.0266-0.7277i	0.1037+0.7207i	0.2167+0.8096i	-0.0535-0.8488i	-0.2544+0.3639i	-0.2483+0.3598i	-0.5771+0.5113i	-0.2048+0.7482i
66.4	0.0101-0.7379i	0.1131+0.7165i	0.2405+0.7861i	-0.0715-0.8431i	-0.2440+0.3742i	-0.2397+0.3688i	-0.5613+0.5382i	-0.1881+0.7505i
66.5	-0.0018-0.7337i	0.1204+0.7134i	0.2198+0.7702i	-0.0661-0.8391i	-0.2362+0.3809i	-0.2310+0.3754i	-0.5536+0.5599i	-0.1758+0.7538i
66.6	-0.0151-0.7645i	0.1255+0.7269i	0.2465+0.7505i	-0.0924-0.8172i	-0.2255+0.3908i	-0.2197+0.3875i	-0.5405+0.5840i	-0.1519+0.7638i
66.7	-0.0280-0.7903i	0.1480+0.7457i	0.2685+0.7388i	-0.1091-0.8033i	-0.2164+0.3992i	-0.2120+0.3942i	-0.5250+0.6032i	-0.1318+0.7716i
66.8	-0.0428-0.7988i	0.1738+0.7533i	0.2636+0.7310i	-0.1184-0.8075i	-0.2014+0.4073i	-0.1965+0.3999i	-0.4986+0.6204i	-0.1050+0.7782i
66.9	-0.0556-0.7912i	0.1858+0.7695i	0.2709+0.7097i	-0.1183-0.7848i	-0.1886+0.4081i	-0.1838+0.4020i	-0.4776+0.6302i	-0.0827+0.7711i
67.0	-0.0824-0.7950i	0.1917+0.7741i	0.2727+0.7025i	-0.1343-0.7908i	-0.1768+0.4083i	-0.1722+0.4023i	-0.4549+0.6388i	-0.0598+0.7648i
67.1	-0.1153-0.8154i	0.2288+0.7783i	0.2760+0.6745i	-0.1345-0.7849i	-0.1533+0.4290i	-0.1506+0.4205i	-0.4198+0.6846i	-0.0196+0.7798i
67.2	-0.1411-0.8237i	0.2508+0.7686i	0.2883+0.6716i	-0.1385-0.7720i	-0.1309+0.4343i	-0.1307+0.4240i	-0.3773+0.7003i	0.0077+0.7709i
67.3	-0.1604-0.8319i	0.2621+0.7488i	0.2815+0.6725i	-0.1435-0.7742i	-0.1170+0.4251i	-0.1173+0.4160i	-0.3458+0.6908i	0.0197+0.7553i
67.4	-0.1852-0.8383i	0.2763+0.7498i	0.2846+0.6579i	-0.1535-0.7736i	-0.1039+0.4219i	-0.1043+0.4158i	-0.3178+0.6969i	0.0359+0.7446i
67.5	-0.2275-0.8410i	0.3075+0.7466i	0.2659+0.6478i	-0.1654-0.7764i	-0.0863+0.4253i	-0.0872+0.4178i	-0.2844+0.7083i	0.0639+0.7335i
67.6	-0.2384-0.8558i	0.3223+0.7473i	0.2627+0.6377i	-0.1814-0.7713i	-0.0770+0.4298i	-0.0759+0.4214i	-0.2657+0.7198i	0.0775+0.7404i
67.7	-0.2609-0.8326i	0.3328+0.7241i	0.2722+0.6154i	-0.1834-0.7745i	-0.0539+0.4170i	-0.0553+0.4099i	-0.2209+0.7006i	0.0985+0.7188i
67.8	-0.2755-0.8279i	0.3470+0.7101i	0.2808+0.6120i	-0.1754-0.7704i	-0.0416+0.4076i	-0.0444+0.4009i	-0.1934+0.6798i	0.1101+0.7031i
67.9	-0.2967-0.8215i	0.3648+0.7029i	0.2687+0.6114i	-0.1789-0.7545i	-0.0305+0.4031i	-0.0360+0.3952i	-0.1739+0.6693i	0.1258+0.6957i
68.0	-0.3118-0.8110i	0.3821+0.6881i	0.2684+0.6144i	-0.1772-0.7598i	-0.0147+0.3937i	-0.0206+0.3879i	-0.1397+0.6532i	0.1450+0.6805i
68.1	-0.3394-0.8011i	0.3922+0.6902i	0.2760+0.6194i	-0.1920-0.7790i	-0.0044+0.3900i	-0.0066+0.3860i	-0.1184+0.6493i	0.1597+0.6751i
68.2	-0.3490-0.7920i	0.3961+0.6977i	0.2807+0.6137i	-0.2126-0.7852i	0.0006+0.3897i	0.0008+0.3860i	-0.1081+0.6468i	0.1691+0.6763i
68.3	-0.3596-0.7813i	0.3980+0.6761i	0.2827+0.6171i	-0.2204-0.7735i	0.0046+0.3786i	0.0069+0.3754i	-0.0968+0.6305i	0.1736+0.6624i
68.4	-0.4112-0.7640i	0.4384+0.6639i	0.2927+0.6157i	-0.2251-0.7487i	0.0296+0.3738i	0.0281+0.3698i	-0.0549+0.6236i	0.2081+0.6474i
68.5	-0.4224-0.7628i	0.4462+0.6475i	0.2932+0.6111i	-0.2433-0.7620i	0.0403+0.3665i	0.0349+0.3625i	-0.0405+0.6072i	0.2195+0.6410i
68.6	-0.4435-0.7626i	0.4559+0.6243i	0.3088+0.6064i	-0.2565-0.7520i	0.0458+0.3557i	0.0406+0.3521i	-0.0268+0.5905i	0.2274+0.6259i

68.7	−0.4613−0.7517i	0.4672+0.6263i	0.3107+0.6046i	−0.2616−0.7498i	0.0571+0.3502i	0.0520+0.3486i	−0.0051+0.5845i	0.2430+0.6108i
68.8	−0.4599−0.7181i	0.4859+0.6151i	0.3193+0.6045i	−0.2813−0.7460i	0.0680+0.3404i	0.0622+0.3390i	0.0149+0.5640i	0.2592+0.6016i
68.9	−0.4773−0.7109i	0.4991+0.5990i	0.3331+0.6018i	−0.2943−0.7375i	0.0748+0.3375i	0.0702+0.3337i	0.0264+0.5533i	0.2693+0.5961i
69.0	−0.4879−0.7017i	0.4974+0.5834i	0.3430+0.5961i	−0.3057−0.7287i	0.0841+0.3270i	0.0777+0.3247i	0.0372+0.5360i	0.2856+0.5808i
69.1	−0.4994−0.6939i	0.5076+0.5696i	0.3579+0.5896i	−0.3071−0.7227i	0.0942+0.3191i	0.0889+0.3182i	0.0534+0.5223i	0.3061+0.5656i
69.2	−0.4973−0.6687i	0.5048+0.5529i	0.3494+0.5887i	−0.3194−0.7447i	0.0944+0.3096i	0.0889+0.3083i	0.0567+0.5009i	0.3017+0.5581i
69.3	−0.4942−0.6479i	0.5096+0.5208i	0.3643+0.5589i	−0.3417−0.7405i	0.1042+0.2948i	0.0973+0.2941i	0.0691+0.4748i	0.3177+0.5319i
69.4	−0.5037−0.6431i	0.5204+0.5232i	0.3690+0.5534i	−0.3489−0.7285i	0.1085+0.2860i	0.1018+0.2872i	0.0759+0.4540i	0.3261+0.5256i
69.5	−0.5212−0.6267i	0.5116+0.5073i	0.3858+0.5354i	−0.3533−0.7058i	0.1122+0.2744i	0.1049+0.2741i	0.0840+0.4345i	0.3285+0.5044i
69.6	−0.5516−0.6120i	0.5073+0.4827i	0.3933+0.5164i	−0.3675−0.6918i	0.1197+0.2619i	0.1119+0.2635i	0.0938+0.4142i	0.3393+0.4845i
69.7	−0.5508−0.6032i	0.5152+0.4790i	0.3720+0.5136i	−0.3738−0.6914i	0.1209+0.2567i	0.1136+0.2579i	0.0889+0.4002i	0.3502+0.4785i
69.8	−0.5465−0.5871i	0.5291+0.4609i	0.3631+0.4932i	−0.3735−0.6731i	0.1209+0.2457i	0.1178+0.2457i	0.0890+0.3805i	0.3570+0.4625i
69.9	−0.5379−0.5691i	0.5346+0.4425i	0.3749+0.4849i	−0.3712−0.6526i	0.1238+0.2357i	0.1194+0.2366i	0.0896+0.3668i	0.3677+0.4458i
70.0	−0.5558−0.5753i	0.5400+0.4487i	0.3820+0.4853i	−0.3902−0.6616i	0.1303+0.2328i	0.1240+0.2323i	0.0918+0.3618i	0.3819+0.4414i
70.1	−0.5553−0.5667i	0.5274+0.4252i	0.3836+0.4788i	−0.4004−0.6622i	0.1306+0.2228i	0.1247+0.2235i	0.0849+0.3421i	0.3849+0.4302i
70.2	−0.5728−0.5528i	0.5413+0.4140i	0.3827+0.4803i	−0.4229−0.6508i	0.1325+0.2158i	0.1270+0.2160i	0.0796+0.3288i	0.3961+0.4150i
70.3	−0.5793−0.5356i	0.5422+0.4015i	0.3823+0.4700i	−0.4172−0.6321i	0.1340+0.2079i	0.1267+0.2092i	0.0827+0.3194i	0.4007+0.4006i
70.4	−0.5750−0.5207i	0.5130+0.3742i	0.3884+0.4464i	−0.4030−0.6106i	0.1321+0.1956i	0.1249+0.1971i	0.0768+0.3036i	0.4002+0.3804i
70.5	−0.5824−0.4934i	0.5109+0.3661i	0.4021+0.4383i	−0.4143−0.5927i	0.1322+0.1867i	0.1274+0.1876i	0.0741+0.2897i	0.4046+0.3630i
70.6	−0.5646−0.4726i	0.5094+0.3669i	0.3946+0.4217i	−0.4122−0.6002i	0.1304+0.1809i	0.1250+0.1819i	0.0658+0.2828i	0.4082+0.3486i
70.7	−0.5781−0.4695i	0.5118+0.3509i	0.3819+0.4111i	−0.4132−0.5835i	0.1320+0.1747i	0.1253+0.1768i	0.0677+0.2739i	0.4091+0.3383i
70.8	−0.5893−0.4654i	0.5255+0.3272i	0.3918+0.4040i	−0.4185−0.5592i	0.1339+0.1678i	0.1263+0.1691i	0.0701+0.2683i	0.4114+0.3167i
70.9	−0.5841−0.4514i	0.5270+0.3190i	0.3930+0.4101i	−0.4266−0.5473i	0.1343+0.1613i	0.1280+0.1624i	0.0665+0.2630i	0.4192+0.3013i
71.0	−0.5979−0.4406i	0.5190+0.3034i	0.3802+0.3930i	−0.4381−0.5363i	0.1345+0.1558i	0.1289+0.1575i	0.0566+0.2531i	0.4291+0.2894i
71.1	−0.5948−0.4267i	0.5153+0.2981i	0.3732+0.3819i	−0.4451−0.5499i	0.1326+0.1501i	0.1252+0.1507i	0.0488+0.2475i	0.4298+0.2739i
71.2	−0.5904−0.4248i	0.4989+0.2947i	0.3678+0.3899i	−0.4337−0.5509i	0.1292+0.1452i	0.1221+0.1462i	0.0378+0.2460i	0.4299+0.2621i
71.3	−0.5961−0.4288i	0.4908+0.2882i	0.3745+0.3900i	−0.4336−0.5447i	0.1279+0.1398i	0.1235+0.1407i	0.0330+0.2420i	0.4336+0.2457i
71.4	−0.5923−0.4052i	0.4862+0.2831i	0.3648+0.3835i	−0.4403−0.5369i	0.1251+0.1322i	0.1208+0.1349i	0.0309+0.2375i	0.4281+0.2289i
71.5	−0.5915−0.3794i	0.4825+0.2647i	0.3646+0.3659i	−0.4411−0.5108i	0.1272+0.1250i	0.1202+0.1263i	0.0272+0.2269i	0.4282+0.2096i
71.6	−0.5784−0.3839i	0.4855+0.2577i	0.3654+0.3604i	−0.4340−0.5028i	0.1255+0.1208i	0.1177+0.1223i	0.0211+0.2317i	0.4298+0.1937i
71.7	−0.5827−0.3850i	0.4870+0.2418i	0.3513+0.3743i	−0.4436−0.5197i	0.1264+0.1171i	0.1184+0.1190i	0.0188+0.2331i	0.4320+0.1823i
71.8	−0.5873−0.3542i	0.4890+0.2250i	0.3489+0.3566i	−0.4540−0.4953i	0.1239+0.1114i	0.1177+0.1116i	0.0233+0.2292i	0.4231+0.1600i
71.9	−0.5883−0.3396i	0.4688+0.2341i	0.3486+0.3475i	−0.4375−0.4880i	0.1220+0.1076i	0.1162+0.1076i	0.0175+0.2359i	0.4257+0.1430i
72.0	−0.5789−0.3453i	0.4597+0.2352i	0.3448+0.3663i	−0.4391−0.5002i	0.1192+0.1055i	0.1133+0.1075i	0.0121+0.2421i	0.4227+0.1351i
72.1	−0.5851−0.3348i	0.4505+0.2371i	0.3390+0.3634i	−0.4387−0.4882i	0.1168+0.1006i	0.1114+0.1018i	0.0132+0.2419i	0.4133+0.1171i
72.2	−0.5840−0.3219i	0.4498+0.2184i	0.3396+0.3561i	−0.4313−0.4625i	0.1176+0.0945i	0.1116+0.0965i	0.0190+0.2389i	0.4013+0.0988i
72.3	−0.5684−0.3139i	0.4611+0.2176i	0.3605+0.3364i	−0.4259−0.4390i	0.1182+0.0891i	0.1112+0.0909i	0.0256+0.2352i	0.3980+0.0798i
72.4	−0.5779−0.3131i	0.4426+0.2103i	0.3433+0.3258i	−0.4246−0.4530i	0.1152+0.0857i	0.1084+0.0872i	0.0280+0.2351i	0.3919+0.0701i
72.5	−0.5847−0.2943i	0.4360+0.1992i	0.3391+0.3374i	−0.4328−0.4515i	0.1136+0.0828i	0.1063+0.0850i	0.0287+0.2372i	0.3835+0.0566i
72.6	−0.5785−0.2769i	0.4247+0.2021i	0.3387+0.3373i	−0.4281−0.4434i	0.1104+0.0773i	0.1038+0.0817i	0.0260+0.2346i	0.3775+0.0445i
72.7	−0.5815−0.2645i	0.4225+0.1868i	0.3498+0.3287i	−0.4277−0.4173i	0.1090+0.0740i	0.1018+0.0748i	0.0283+0.2346i	0.3654+0.0320i
72.8	−0.5740−0.2674i	0.4214+0.1797i	0.3483+0.3261i	−0.4249−0.4223i	0.1095+0.0703i	0.1017+0.0718i	0.0407+0.2323i	0.3542+0.0194i
72.9	−0.5753−0.2732i	0.4234+0.1861i	0.3562+0.3311i	−0.4292−0.4249i	0.1083+0.0678i	0.1003+0.0684i	0.0420+0.2301i	0.3497+0.0086i
73.0	−0.5683−0.2478i	0.4071+0.1787i	0.3349+0.3330i	−0.4201−0.4220i	0.1044+0.0623i	0.0950+0.0643i	0.0435+0.2244i	0.3321−0.0016i
73.1	−0.5558−0.2404i	0.3968+0.1600i	0.3214+0.3262i	−0.4208−0.4062i	0.1006+0.0589i	0.0928+0.0632i	0.0538+0.2179i	0.3145−0.0052i
73.2	−0.5465−0.2352i	0.4086+0.1653i	0.3234+0.2953i	−0.4132−0.3960i	0.0988+0.0569i	0.0902+0.0610i	0.0586+0.2086i	0.3001−0.0054i
73.3	−0.5510−0.2277i	0.4052+0.1663i	0.3403+0.3141i	−0.4143−0.4197i	0.0975+0.0513i	0.0882+0.0557i	0.0538+0.1959i	0.2973−0.0072i
73.4	−0.5498−0.2275i	0.4046+0.1531i	0.3397+0.3133i	−0.4064−0.4088i	0.0951+0.0486i	0.0865+0.0519i	0.0540+0.1880i	0.2885−0.0113i
73.5	−0.5481−0.2020i	0.3974+0.1485i	0.3498+0.2983i	−0.4132−0.3963i	0.0924+0.0447i	0.0843+0.0497i	0.0557+0.1825i	0.2789−0.0137i
73.6	−0.5512−0.2048i	0.3931+0.1369i	0.3425+0.2967i	−0.4098−0.3942i	0.0918+0.0414i	0.0845+0.0472i	0.0580+0.1776i	0.2763−0.0181i
73.7	−0.5351−0.1797i	0.3831+0.1331i	0.3291+0.2921i	−0.4042−0.3848i	0.0902+0.0407i	0.0816+0.0456i	0.0548+0.1721i	0.2735−0.0218i
73.8	−0.5321−0.1708i	0.3735+0.1368i	0.3227+0.2872i	−0.4052−0.3757i	0.0879+0.0381i	0.0782+0.0430i	0.0505+0.1694i	0.2639−0.0289i
73.9	−0.5312−0.1774i	0.3760+0.1350i	0.3241+0.2887i	−0.3963−0.3760i	0.0841+0.0361i	0.0766+0.0427i	0.0509+0.1665i	0.2516−0.0310i
74.0	−0.5263−0.1765i	0.3697+0.1172i	0.3082+0.2795i	−0.3817−0.3803i	0.0815+0.0311i	0.0741+0.0392i	0.0490+0.1569i	0.2494−0.0347i
74.1	−0.5133−0.1522i	0.3621+0.1008i	0.2944+0.2596i	−0.3726−0.3581i	0.0819+0.0271i	0.0733+0.0346i	0.0555+0.1504i	0.2427−0.0362i
74.2	−0.5089−0.1611i	0.3670+0.0972i	0.2919+0.2740i	−0.3714−0.3621i	0.0786+0.0254i	0.0718+0.0316i	0.0564+0.1358i	0.2283−0.0299i
74.3	−0.4980−0.1629i	0.3543+0.0975i	0.2810+0.2895i	−0.3611−0.3861i	0.0758+0.0242i	0.0684+0.0324i	0.0496+0.1297i	0.2264−0.0299i
74.4	−0.4926−0.1527i	0.3358+0.0870i	0.2853+0.2740i	−0.3687−0.3930i	0.0742+0.0218i	0.0664+0.0311i	0.0448+0.1264i	0.2218−0.0345i
74.5	−0.4741−0.1242i	0.3223+0.0742i	0.2962+0.2776i	−0.3741−0.3874i	0.0702+0.0174i	0.0631+0.0277i	0.0400+0.1238i	0.2165−0.0426i
74.6	−0.4788−0.1263i	0.3252+0.0745i	0.3029+0.2884i	−0.3758−0.3805i	0.0702+0.0167i	0.0619+0.0262i	0.0412+0.1221i	0.2119−0.0443i
74.7	−0.4784−0.1397i	0.3207+0.0668i	0.3141+0.2908i	−0.3805−0.3799i	0.0676+0.0160i	0.0606+0.0261i	0.0350+0.1182i	0.2069−0.0424i
74.8	−0.4737−0.1289i	0.3045+0.0771i	0.3124+0.2797i	−0.3922−0.3858i	0.0640+0.0133i	0.0570+0.0248i	0.0285+0.1105i	0.2042−0.0422i
74.9	−0.4590−0.1195i	0.2973+0.0672i	0.2961+0.2714i	−0.3723−0.3847i	0.0624+0.0129i	0.0564+0.0236i	0.0256+0.1082i	0.2062−0.0426i

75.0	-0.4489-0.1067i	0.3057+0.0399i	0.2763+0.2654i	-0.3612-0.3737i	0.0622+0.0091i	0.0569+0.0205i	0.0241+0.1009i	0.2032-0.0452i
75.1	-0.4486-0.1053i	0.2908+0.0294i	0.2726+0.2596i	-0.3626-0.3709i	0.0617+0.0087i	0.0547+0.0193i	0.0211+0.0936i	0.1972-0.0453i
75.2	-0.4547-0.0994i	0.2761+0.0410i	0.2778+0.2583i	-0.3760-0.3704i	0.0621+0.0060i	0.0537+0.0185i	0.0186+0.0892i	0.1979-0.0489i
75.3	-0.4425-0.1008i	0.2604+0.0379i	0.2807+0.2772i	-0.3857-0.3676i	0.0583+0.0034i	0.0516+0.0166i	0.0080+0.0904i	0.1999-0.0544i
75.4	-0.4296-0.0941i	0.2337+0.0370i	0.2864+0.2744i	-0.3941-0.3788i	0.0542+0.0008i	0.0494+0.0138i	-0.0030+0.0875i	0.1965-0.0616i
75.5	-0.4047-0.0825i	0.2163+0.0361i	0.2836+0.2554i	-0.4054-0.3801i	0.0499+0.0007i	0.0463+0.0136i	-0.0112+0.0822i	0.1904-0.0607i
75.6	-0.4093-0.0899i	0.2196+0.0307i	0.2789+0.2418i	-0.3957-0.3644i	0.0485-0.0003i	0.0426+0.0110i	-0.0127+0.0833i	0.1885-0.0586i
75.7	-0.4120-0.1072i	0.1988+0.0328i	0.2729+0.2540i	-0.4043-0.3666i	0.0468-0.0028i	0.0412+0.0110i	-0.0200+0.0881i	0.1865-0.0667i
75.8	-0.4056-0.1057i	0.1955+0.0255i	0.2563+0.2485i	-0.4023-0.3560i	0.0477-0.0035i	0.0413+0.0107i	-0.0142+0.0869i	0.1798-0.0709i
75.9	-0.3979-0.0987i	0.1807+0.0341i	0.2557+0.2355i	-0.3999-0.3860i	0.0452-0.0071i	0.0398+0.0090i	-0.0210+0.0852i	0.1773-0.0759i
76.0	-0.3784-0.1067i	0.1581+0.0347i	0.2681+0.2270i	-0.4042-0.3817i	0.0427-0.0075i	0.0370+0.0049i	-0.0288+0.0873i	0.1739-0.0825i
76.1	-0.3832-0.1024i	0.1472+0.0208i	0.2681+0.2433i	-0.4040-0.3822i	0.0405-0.0103i	0.0363+0.0021i	-0.0272+0.0805i	0.1716-0.0813i
76.2	-0.3834-0.0869i	0.1252+0.0287i	0.2429+0.2372i	-0.4217-0.3606i	0.0364-0.0138i	0.0358+0.0006i	-0.0312+0.0785i	0.1651-0.0900i
76.3	-0.3755-0.0861i	0.1026+0.0258i	0.2388+0.2356i	-0.4315-0.3618i	0.0331-0.0147i	0.0322-0.0013i	-0.0376+0.0799i	0.1553-0.0982i
76.4	-0.3762-0.0953i	0.1037+0.0265i	0.2359+0.2142i	-0.4255-0.3567i	0.0314-0.0139i	0.0315-0.0014i	-0.0328+0.0817i	0.1458-0.0973i
76.5	-0.3333-0.1085i	0.0791+0.0291i	0.2341+0.2134i	-0.4168-0.3498i	0.0285-0.0168i	0.0295-0.0008i	-0.0363+0.0856i	0.1359-0.1027i
76.6	-0.3049-0.0906i	0.0391+0.0564i	0.2292+0.2222i	-0.4330-0.3270i	0.0231-0.0188i	0.0264-0.0047i	-0.0416+0.0864i	0.1283-0.1091i
76.7	-0.3240-0.0909i	0.0280+0.0579i	0.2251+0.2305i	-0.4374-0.3584i	0.0220-0.0198i	0.0239-0.0056i	-0.0459+0.0827i	0.1250-0.1118i
76.8	-0.3067-0.0833i	0.0215+0.0628i	0.2171+0.2422i	-0.4387-0.3483i	0.0199-0.0214i	0.0207-0.0040i	-0.0418+0.0826i	0.1162-0.1133i
76.9	-0.2908-0.0742i	-0.0053+0.0537i	0.1989+0.2576i	-0.4480-0.3459i	0.0170-0.0238i	0.0196-0.0073i	-0.0462+0.0743i	0.1141-0.1149i
77.0	-0.2804-0.0773i	-0.0377+0.0553i	0.1933+0.2609i	-0.4415-0.3366i	0.0151-0.0253i	0.0184-0.0083i	-0.0457+0.0690i	0.1004-0.1083i
77.1	-0.2794-0.0871i	-0.0267+0.0625i	0.1838+0.2592i	-0.4427-0.3445i	0.0134-0.0263i	0.0173-0.0083i	-0.0504+0.0668i	0.1019-0.1083i
77.2	-0.2583-0.0796i	-0.0529+0.0831i	0.1584+0.2667i	-0.4270-0.3365i	0.0107-0.0289i	0.0162-0.0104i	-0.0554+0.0618i	0.0948-0.1103i
77.3	-0.2487-0.0802i	-0.0767+0.0956i	0.1793+0.2604i	-0.4495-0.3257i	0.0087-0.0296i	0.0143-0.0121i	-0.0588+0.0586i	0.0903-0.1101i
77.4	-0.2450-0.0819i	-0.1156+0.1135i	0.1818+0.2763i	-0.4658-0.3240i	0.0077-0.0305i	0.0127-0.0128i	-0.0598+0.0581i	0.0835-0.1094i
77.5	-0.2388-0.1026i	-0.1136+0.1439i	0.1827+0.2843i	-0.4613-0.3247i	0.0038-0.0315i	0.0090-0.0138i	-0.0629+0.0502i	0.0807-0.1042i
77.6	-0.2156-0.1316i	-0.1263+0.1833i	0.1749+0.2836i	-0.4626-0.3168i	-0.0015-0.0311i	0.0054-0.0179i	-0.0734+0.0459i	0.0747-0.0974i
77.7	-0.1825-0.1382i	-0.1358+0.1901i	0.1782+0.2917i	-0.4478-0.3077i	0.0008-0.0332i	0.0074-0.0201i	-0.0755+0.0407i	0.0769-0.0979i
77.8	-0.1878-0.1570i	-0.1286+0.2157i	0.1792+0.2953i	-0.4599-0.3152i	-0.0031-0.0351i	0.0057-0.0212i	-0.0859+0.0427i	0.0766-0.0989i
77.9	-0.2008-0.1753i	-0.1391+0.2571i	0.1861+0.2871i	-0.4652-0.3050i	-0.0093-0.0373i	-0.0010-0.0231i	-0.0973+0.0427i	0.0700-0.1058i
78.0	-0.1942-0.2042i	-0.1560+0.2884i	0.2023+0.2973i	-0.4908-0.2817i	-0.0143-0.0388i	-0.0052-0.0261i	-0.1086+0.0354i	0.0703-0.1073i
78.1	-0.1862-0.2221i	-0.1837+0.2947i	0.1976+0.2973i	-0.4925-0.2915i	-0.0207-0.0394i	-0.0080-0.0297i	-0.1216+0.0378i	0.0662-0.1080i
78.2	-0.2132-0.2262i	-0.1760+0.3054i	0.2068+0.3091i	-0.4954-0.2985i	-0.0237-0.0398i	-0.0130-0.0297i	-0.1351+0.0402i	0.0688-0.1075i
78.3	-0.2082-0.2397i	-0.1608+0.3527i	0.2117+0.2998i	-0.5104-0.2782i	-0.0280-0.0397i	-0.0189-0.0289i	-0.1417+0.0437i	0.0600-0.1073i
78.4	-0.2002-0.2501i	-0.1618+0.3774i	0.1914+0.3052i	-0.5079-0.2567i	-0.0330-0.0385i	-0.0243-0.0297i	-0.1532+0.0507i	0.0500-0.1112i
78.5	-0.1784-0.2678i	-0.1739+0.3992i	0.1866+0.3000i	-0.5081-0.2602i	-0.0367-0.0375i	-0.0290-0.0309i	-0.1624+0.0539i	0.0450-0.1147i
78.6	-0.1941-0.2436i	-0.1913+0.4253i	0.1904+0.2847i	-0.5166-0.2038i	-0.0418-0.0371i	-0.0308-0.0292i	-0.1688+0.0625i	0.0401-0.1136i
78.7	-0.1844-0.2356i	-0.2096+0.4630i	0.1883+0.2907i	-0.5188-0.1713i	-0.0457-0.0339i	-0.0330-0.0274i	-0.1724+0.0734i	0.0310-0.1136i
78.8	-0.1972-0.2732i	-0.2087+0.5296i	0.1890+0.3052i	-0.5194-0.1355i	-0.0534-0.0261i	-0.0401-0.0231i	-0.1777+0.0907i	0.0188-0.1087i
78.9	-0.1697-0.2715i	-0.2270+0.6098i	0.1397+0.3267i	-0.4706-0.0566i	-0.0542-0.0191i	-0.0411-0.0213i	-0.1646+0.0878i	0.0038-0.0894i
79.0	-0.1802-0.3223i	-0.0917+0.6599i	0.1184+0.3716i	-0.3389-0.0926i	-0.0458-0.0140i	-0.0404-0.0170i	-0.1741+0.0735i	0.0318-0.0593i
79.1	-0.1973-0.3595i	-0.0344+0.6345i	0.1657+0.3991i	-0.3350-0.2046i	-0.0452-0.0215i	-0.0420-0.0196i	-0.2061+0.0866i	0.0635-0.0897i
79.2	-0.1998-0.3696i	-0.0551+0.6190i	0.1906+0.3986i	-0.3756-0.2222i	-0.0498-0.0268i	-0.0459-0.0224i	-0.2181+0.1020i	0.0568-0.1110i
79.3	-0.2270-0.3971i	-0.0458+0.6427i	0.2047+0.4067i	-0.3932-0.2441i	-0.0499-0.0269i	-0.0479-0.0225i	-0.2162+0.1123i	0.0490-0.1174i
79.4	-0.2405-0.4397i	-0.0242+0.6954i	0.2108+0.3904i	-0.3860-0.2291i	-0.0597-0.0258i	-0.0558-0.0207i	-0.2222+0.1242i	0.0333-0.1204i
79.5	-0.2183-0.4690i	-0.0249+0.7460i	0.2272+0.3821i	-0.4099-0.2176i	-0.0669-0.0293i	-0.0611-0.0263i	-0.2260+0.1319i	0.0175-0.1327i
79.6	-0.2444-0.4622i	0.0242+0.7361i	0.2352+0.3710i	-0.4142-0.2111i	-0.0656-0.0264i	-0.0606-0.0226i	-0.2132+0.1403i	0.0131-0.1324i
79.7	-0.2885-0.4659i	0.0713+0.7597i	0.2472+0.3867i	-0.4056-0.2099i	-0.0671-0.0249i	-0.0629-0.0219i	-0.2141+0.1484i	0.0121-0.1328i
79.8	-0.3353-0.4808i	0.0895+0.7768i	0.2410+0.3855i	-0.4038-0.1975i	-0.0729-0.0229i	-0.0664-0.0215i	-0.2213+0.1560i	0.0073-0.1355i
79.9	-0.3704-0.5079i	0.1329+0.8007i	0.2389+0.3896i	-0.4110-0.1946i	-0.0789-0.0234i	-0.0730-0.0211i	-0.2266+0.1642i	0.0014-0.1413i
80.0	-0.3847-0.4950i	0.1737+0.8003i	0.2585+0.3895i	-0.4067-0.1967i	-0.0834-0.0227i	-0.0768-0.0198i	-0.2269+0.1750i	-0.0100-0.1490i

1.1.10 Run 3 – IP315 – SF and shaft bending gauges

In-plane shaking at 315°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.1569+0.0000i	-0.4608+0.0000i	-0.5714+0.0000i	-0.2444+0.0000i	4.4700+0.0000i	7.7794+0.0000i	8.1551+0.0000i	-3.5850+0.0000i
0.1	-0.1554-0.0007i	-0.4589-0.0015i	-0.5694+0.0005i	-0.2434+0.0001i	4.5263-0.0233i	7.6108+0.1724i	8.1290+0.0569i	-3.6197-0.0215i
0.2	-0.1980+0.0080i	-0.2247-0.0181i	-0.1726-0.0069i	-0.1696-0.0004i	15.4200+0.8515i	-23.0098-0.1570i	9.6753+0.6065i	-9.3317-0.3522i
0.3	-0.2071+0.0053i	-0.2125+0.0049i	-0.1746+0.0026i	-0.1735+0.0032i	16.5155+0.1234i	-23.8775+1.4373i	10.2644-0.3640i	-9.7462+0.4307i
0.4	-0.2129+0.0060i	-0.2170+0.0020i	-0.1760+0.0053i	-0.1758-0.0001i	17.0272+0.2306i	-24.2032+1.3600i	10.5433-0.4450i	-10.0466+0.3762i
0.5	-0.2124+0.0054i	-0.2111+0.0044i	-0.1709+0.0048i	-0.1748+0.0007i	17.0728+0.2693i	-23.9982+1.3723i	10.6088-0.4030i	-10.1105+0.3476i
0.6	-0.2121+0.0058i	-0.2125+0.0055i	-0.1719+0.0038i	-0.1764+0.0018i	17.1369+0.3073i	-23.8727+1.3941i	10.5044-0.3906i	-10.1145+0.3913i
0.7	-0.2114+0.0058i	-0.2131+0.0051i	-0.1721+0.0041i	-0.1763+0.0012i	17.1351+0.2845i	-23.6264+1.3846i	10.4212-0.4050i	-10.0287+0.4116i
0.8	-0.2138+0.0048i	-0.2146+0.0057i	-0.1729+0.0048i	-0.1774+0.0008i	17.2070+0.1762i	-23.4642+1.4615i	10.3986-0.5055i	-9.9706+0.4885i
0.9	-0.2186+0.0061i	-0.2162+0.0073i	-0.1734+0.0055i	-0.1798+0.0022i	16.8702+0.0368i	-23.0946+1.4416i	9.9883-0.5719i	-9.7057+0.5190i
1.0	-0.2190+0.0085i	-0.2179+0.0081i	-0.1742+0.0059i	-0.1810+0.0035i	16.7302+0.0906i	-22.8728+1.3670i	9.7917-0.4872i	-9.5630+0.4816i
1.1	-0.2228+0.0170i	-0.2227+0.0128i	-0.1786+0.0109i	-0.1834+0.0083i	17.3155+0.2427i	-23.4624+0.9568i	10.3255-0.3011i	-10.0195+0.2301i
1.2	-0.2270+0.0167i	-0.2284+0.0121i	-0.1823+0.0095i	-0.1867+0.0074i	17.5288+0.1973i	-23.6951+0.8291i	10.5280-0.2645i	-10.1859+0.1315i
1.3	-0.2358+0.0209i	-0.2421+0.0109i	-0.1893+0.0105i	-0.1941+0.0086i	17.6315+0.0835i	-23.7067+0.9448i	10.5355-0.3640i	-10.1990+0.2282i
1.4	-0.2413+0.0180i	-0.2692+0.0182i	-0.2002+0.0123i	-0.2050+0.0102i	17.8078+0.0012i	-23.6922+1.0076i	10.5878-0.4310i	-10.1890+0.2774i
1.5	-0.2660+0.0155i	-0.2823+0.0551i	-0.2125+0.0236i	-0.2176+0.0216i	18.0243-0.1965i	-23.6779+1.0325i	10.6607-0.5245i	-10.1627+0.2929i
1.6	-0.2972+0.0368i	-0.2712+0.0812i	-0.2192+0.0394i	-0.2246+0.0371i	18.1834-0.4675i	-23.6611+1.0148i	10.7181-0.6499i	-10.1438+0.2694i
1.7	-0.3025+0.0913i	-0.2567+0.1138i	-0.2161+0.0685i	-0.2221+0.0655i	18.1900-1.0237i	-23.7328+0.9639i	10.7040-0.9286i	-10.1881+0.2115i
1.8	-0.2604+0.1782i	-0.2122+0.1713i	-0.1876+0.1163i	-0.1944+0.1130i	17.6281-1.8967i	-23.9747+1.0273i	10.3983-1.3662i	-10.3652+0.1840i
1.9	-0.1705+0.1885i	-0.1341+0.1629i	-0.1320+0.1170i	-0.1394+0.1145i	16.5584-1.9403i	-24.1886+1.0862i	9.8559-1.3628i	-10.5725+0.2262i
2.0	-0.1182+0.1548i	-0.0932+0.1249i	-0.1011+0.0933i	-0.1090+0.0917i	15.9956-1.5310i	-24.6381+1.1193i	9.6060-1.1323i	-10.8728+0.2865i
2.1	-0.0997+0.1137i	-0.0779+0.0845i	-0.0899+0.0663i	-0.0978+0.0654i	15.6194-1.0393i	-25.5800+1.3523i	9.4748-0.8822i	-11.3901+0.4560i
2.2	-0.1000+0.0939i	-0.0709+0.0616i	-0.0877+0.0521i	-0.0955+0.0517i	15.3287-0.7215i	-27.0909+1.9361i	9.4462-0.7616i	-12.2004+0.7867i
2.3	-0.0949+0.0649i	-0.0819+0.0334i	-0.0900+0.0332i	-0.0971+0.0332i	15.6658-0.1943i	-25.8218+2.8135i	9.5433-0.5441i	-11.5515+1.2986i
2.4	-0.1075+0.0445i	-0.1475+0.0331i	-0.1159+0.0267i	-0.1222+0.0256i	17.2206-0.2400i	-18.9758+1.3835i	9.7973-0.4830i	-7.8488+0.6047i
2.5	-0.1168+0.0352i	-0.1443+0.0264i	-0.1178+0.0213i	-0.1242+0.0204i	17.0318-0.2137i	-20.4486+1.1373i	9.8151-0.4486i	-8.6316+0.4769i
2.6	-0.1217+0.0303i	-0.1436+0.0233i	-0.1191+0.0187i	-0.1257+0.0178i	16.9666-0.2202i	-21.2192+0.9092i	9.8400-0.4261i	-9.0382+0.3595i
2.7	-0.1255+0.0264i	-0.1447+0.0207i	-0.1208+0.0166i	-0.1274+0.0157i	16.9570-0.2032i	-21.6185+0.7975i	9.8568-0.4050i	-9.2447+0.3093i
2.8	-0.1299+0.0242i	-0.1468+0.0192i	-0.1229+0.0154i	-0.1296+0.0146i	16.9968-0.1831i	-21.8675+0.7507i	9.8971-0.3888i	-9.3761+0.2878i
2.9	-0.1337+0.0225i	-0.1491+0.0180i	-0.1248+0.0143i	-0.1316+0.0137i	17.0175-0.1912i	-22.0825+0.7104i	9.9236-0.3885i	-9.4880+0.2715i
3.0	-0.1370+0.0189i	-0.1514+0.0156i	-0.1268+0.0123i	-0.1336+0.0120i	17.0733-0.1927i	-22.2498+0.6274i	9.9550-0.3672i	-9.5661+0.2322i
3.1	-0.1379+0.0185i	-0.1518+0.0155i	-0.1272+0.0122i	-0.1340+0.0119i	17.1005-0.2116i	-22.4019+0.6290i	9.9803-0.3764i	-9.6512+0.2399i
3.2	-0.1395+0.0165i	-0.1528+0.0136i	-0.1281+0.0109i	-0.1349+0.0104i	17.1132-0.1710i	-22.5468+0.6440i	9.9996-0.3578i	-9.7301+0.2547i
3.3	-0.1409+0.0167i	-0.1541+0.0136i	-0.1291+0.0110i	-0.1358+0.0104i	17.1449-0.1607i	-22.6463+0.6369i	10.0284-0.3483i	-9.7781+0.2550i
3.4	-0.1434+0.0152i	-0.1558+0.0125i	-0.1305+0.0100i	-0.1372+0.0097i	17.1885-0.1480i	-22.7444+0.6178i	10.0627-0.3347i	-9.8328+0.2482i
3.5	-0.1455+0.0128i	-0.1580+0.0112i	-0.1321+0.0089i	-0.1389+0.0086i	17.2527-0.1483i	-22.8691+0.6063i	10.1102-0.3341i	-9.9011+0.2474i
3.6	-0.1468+0.0124i	-0.1598+0.0110i	-0.1330+0.0087i	-0.1401+0.0083i	17.3414-0.1449i	-22.9355+0.6002i	10.1654-0.3297i	-9.9335+0.2479i
3.7	-0.1481+0.0096i	-0.1610+0.0090i	-0.1339+0.0072i	-0.1409+0.0068i	17.3735-0.1072i	-23.0295+0.6160i	10.1931-0.3145i	-9.9828+0.2704i
3.8	-0.1487+0.0111i	-0.1616+0.0101i	-0.1345+0.0082i	-0.1414+0.0077i	17.4005-0.1314i	-23.1269+0.6093i	10.2125-0.3192i	-10.0340+0.2655i
3.9	-0.1504+0.0132i	-0.1629+0.0118i	-0.1355+0.0093i	-0.1424+0.0091i	17.4553-0.1548i	-23.2146+0.5936i	10.2500-0.3233i	-10.0808+0.2538i
4.0	-0.1513+0.0114i	-0.1633+0.0106i	-0.1361+0.0083i	-0.1430+0.0081i	17.4845-0.1576i	-23.3216+0.5851i	10.2740-0.3198i	-10.1378+0.2557i
4.1	-0.1520+0.0087i	-0.1644+0.0085i	-0.1366+0.0066i	-0.1437+0.0064i	17.5246-0.1314i	-23.3993+0.5799i	10.2967-0.3058i	-10.1754+0.2602i
4.2	-0.1536+0.0075i	-0.1665+0.0077i	-0.1380+0.0060i	-0.1450+0.0058i	17.6200-0.0843i	-23.4930+0.5922i	10.3626-0.2874i	-10.2263+0.2684i
4.3	-0.1545+0.0069i	-0.1672+0.0070i	-0.1387+0.0056i	-0.1457+0.0054i	17.6987-0.1008i	-23.5994+0.6079i	10.4157-0.3021i	-10.2837+0.2858i
4.4	-0.1558+0.0076i	-0.1683+0.0073i	-0.1394+0.0059i	-0.1467+0.0058i	17.7491-0.1064i	-23.7225+0.6049i	10.4659-0.3113i	-10.3540+0.2876i
4.5	-0.1581+0.0054i	-0.1704+0.0067i	-0.1409+0.0050i	-0.1482+0.0048i	17.7954-0.0822i	-23.8123+0.5963i	10.4970-0.2945i	-10.3976+0.2859i
4.6	-0.1604+0.0050i	-0.1719+0.0068i	-0.1421+0.0048i	-0.1495+0.0048i	17.8456-0.0744i	-23.9267+0.5911i	10.5407-0.2894i	-10.4586+0.2846i
4.7	-0.1618+0.0051i	-0.1737+0.0070i	-0.1434+0.0049i	-0.1508+0.0049i	17.9426-0.0581i	-24.0347+0.5843i	10.6066-0.2706i	-10.5167+0.2776i
4.8	-0.1637+0.0057i	-0.1765+0.0069i	-0.1452+0.0052i	-0.1525+0.0051i	18.0526-0.0894i	-24.1361+0.6076i	10.6731-0.2919i	-10.5665+0.2955i
4.9	-0.1649+0.0062i	-0.1779+0.0070i	-0.1461+0.0055i	-0.1535+0.0054i	18.1227-0.1145i	-24.2629+0.6174i	10.7195-0.3030i	-10.6278+0.3049i
5.0	-0.1673+0.0073i	-0.1793+0.0074i	-0.1474+0.0058i	-0.1550+0.0060i	18.2061-0.0958i	-24.3715+0.6099i	10.7823-0.2918i	-10.6851+0.2977i
5.1	-0.1696+0.0086i	-0.1807+0.0083i	-0.1485+0.0066i	-0.1564+0.0068i	18.2923-0.1261i	-24.4946+0.6224i	10.8395-0.3034i	-10.7509+0.3036i
5.2	-0.1705+0.0086i	-0.1816+0.0096i	-0.1493+0.0069i	-0.1572+0.0070i	18.3673-0.1349i	-24.6389+0.6429i	10.8941-0.3047i	-10.8364+0.3181i
5.3	-0.1704+0.0110i	-0.1826+0.0105i	-0.1499+0.0083i	-0.1578+0.0081i	18.4423-0.1494i	-24.7924+0.6463i	10.9679-0.3046i	-10.9240+0.3219i
5.4	-0.1716+0.0112i	-0.1834+0.0113i	-0.1505+0.0086i	-0.1586+0.0085i	18.5040-0.1551i	-24.9399+0.7011i	11.0180-0.3215i	-11.0030+0.3518i
5.5	-0.1736+0.0101i	-0.1846+0.0105i	-0.1518+0.0078i	-0.1598+0.0081i	18.5739-0.1389i	-25.0506+0.7538i	11.0439-0.3252i	-11.0542+0.3834i
5.6	-0.1740+0.0100i	-0.1861+0.0096i	-0.1525+0.0074i	-0.1606+0.0077i	18.6638-0.1179i	-25.1638+0.7792i	11.1108-0.3156i	-11.1164+0.4044i

5.7	-0.1722+0.0087i	-0.1852+0.0099i	-0.1515+0.0071i	-0.1601+0.0074i	18.7219-0.1233i	-25.3543+0.7946i	11.1740-0.3100i	-11.2296+0.4232i
5.8	-0.1701+0.0087i	-0.1850+0.0111i	-0.1509+0.0074i	-0.1594+0.0079i	18.7413-0.1502i	-25.4973+0.8436i	11.2042-0.3217i	-11.3129+0.4396i
5.9	-0.1701+0.0093i	-0.1868+0.0117i	-0.1514+0.0079i	-0.1603+0.0086i	18.8334-0.1475i	-25.5863+0.8615i	11.2560-0.3192i	-11.3624+0.4420i
6.0	-0.1715+0.0068i	-0.1893+0.0111i	-0.1526+0.0072i	-0.1622+0.0075i	19.0114-0.1084i	-25.6890+0.8636i	11.3597-0.2940i	-11.4127+0.4513i
6.1	-0.1744+0.0054i	-0.1905+0.0105i	-0.1540+0.0062i	-0.1640+0.0069i	19.1179-0.1432i	-25.8203+0.8946i	11.4317-0.3414i	-11.4767+0.4834i
6.2	-0.1745+0.0047i	-0.1914+0.0098i	-0.1541+0.0056i	-0.1648+0.0067i	19.1464-0.1433i	-26.0368+0.8511i	11.4801-0.3246i	-11.5959+0.4555i
6.3	-0.1753+0.0044i	-0.1948+0.0101i	-0.1558+0.0058i	-0.1664+0.0067i	19.2489-0.0875i	-26.2819+0.8477i	11.5583-0.2991i	-11.7342+0.4574i
6.4	-0.1759+0.0014i	-0.1965+0.0104i	-0.1559+0.0048i	-0.1681+0.0061i	19.3730-0.1275i	-26.5786+0.9183i	11.6457-0.3304i	-11.8957+0.5102i
6.5	-0.1764+0.0015i	-0.1975+0.0105i	-0.1561+0.0045i	-0.1692+0.0064i	19.4096-0.1272i	-26.8075+0.9520i	11.7058-0.3217i	-12.0203+0.5219i
6.6	-0.1766+0.0004i	-0.2004+0.0094i	-0.1569+0.0034i	-0.1712+0.0062i	19.5087-0.0744i	-27.1879+1.0500i	11.8159-0.3101i	-12.2422+0.5801i
6.7	-0.1786-0.0021i	-0.2012+0.0123i	-0.1573+0.0024i	-0.1729+0.0073i	19.6483-0.0249i	-27.4680+1.2197i	11.8922-0.2866i	-12.3920+0.6682i
6.8	-0.1801-0.0033i	-0.2026+0.0133i	-0.1572+0.0015i	-0.1750+0.0080i	19.7294+0.0144i	-27.8342+1.4286i	11.9641-0.2978i	-12.5999+0.7999i
6.9	-0.1817-0.0084i	-0.2037+0.0170i	-0.1570-0.0011i	-0.1775+0.0100i	19.7853+0.0667i	-28.2705+1.9431i	12.0346-0.3123i	-12.8453+1.1120i
7.0	-0.1825-0.0134i	-0.2046+0.0194i	-0.1563-0.0070i	-0.1796+0.0143i	19.8392+0.2608i	-28.8026+2.8222i	12.1136-0.2513i	-13.1501+1.6276i
7.1	-0.1915-0.0192i	-0.2011+0.0195i	-0.1627-0.0150i	-0.1775+0.0191i	20.1197+0.5020i	-28.2769+3.9509i	12.2572-0.2118i	-12.8381+2.2881i
7.2	-0.2075-0.0195i	-0.1988+0.0157i	-0.1776-0.0179i	-0.1722+0.0193i	20.6104+0.5512i	-26.8128+4.2352i	12.4386-0.2274i	-11.9757+2.4668i
7.3	-0.2132-0.0116i	-0.2036+0.0120i	-0.1861-0.0115i	-0.1710+0.0157i	20.9877+0.3739i	-26.3003+3.4618i	12.6139-0.2671i	-11.6673+2.0107i
7.4	-0.2139-0.0044i	-0.2055+0.0109i	-0.1893-0.0045i	-0.1702+0.0130i	21.2092+0.1701i	-26.1247+2.7842i	12.7296-0.3177i	-11.5565+1.6091i
7.5	-0.2121+0.0003i	-0.2090+0.0091i	-0.1901+0.0012i	-0.1713+0.0088i	21.3578+0.0092i	-26.4210+1.9250i	12.8435-0.3367i	-11.7201+1.1133i
7.6	-0.2112+0.0003i	-0.2121+0.0096i	-0.1895+0.0035i	-0.1738+0.0069i	21.4471-0.0771i	-27.0485+1.6173i	12.9718-0.3873i	-12.0908+0.9474i
7.7	-0.2119-0.0010i	-0.2149+0.0099i	-0.1896+0.0034i	-0.1769+0.0061i	21.6010-0.0577i	-27.7024+1.6406i	13.1153-0.3718i	-12.4720+0.9561i
7.8	-0.2148-0.0043i	-0.2175+0.0116i	-0.1905+0.0034i	-0.1801+0.0056i	21.7855-0.0841i	-28.2276+1.9251i	13.2790-0.4224i	-12.7592+1.1375i
7.9	-0.2184-0.0057i	-0.2182+0.0133i	-0.1920+0.0040i	-0.1817+0.0054i	21.9377-0.1350i	-28.4076+2.1380i	13.3917-0.5018i	-12.8483+1.2756i
8.0	-0.2229-0.0040i	-0.2201+0.0123i	-0.1948+0.0048i	-0.1838+0.0046i	22.0525-0.2524i	-28.5995+2.3119i	13.4532-0.6477i	-12.9322+1.4071i
8.1	-0.2254-0.0040i	-0.2238+0.0124i	-0.1968+0.0055i	-0.1864+0.0041i	22.1848-0.1279i	-28.8000+2.3234i	13.4899-0.5448i	-13.0087+1.3899i
8.2	-0.2270-0.0042i	-0.2269+0.0134i	-0.1983+0.0060i	-0.1882+0.0038i	22.3906-0.0713i	-29.1104+2.2889i	13.6753-0.4575i	-13.1906+1.3458i
8.3	-0.2297-0.0045i	-0.2305+0.0140i	-0.2013+0.0070i	-0.1907+0.0035i	22.6865-0.2632i	-29.6817+2.5112i	13.9201-0.6621i	-13.5320+1.5245i
8.4	-0.2315-0.0040i	-0.2342+0.0143i	-0.2038+0.0080i	-0.1928+0.0036i	22.7868-0.4050i	-30.0405+2.7812i	13.9668-0.8253i	-13.7143+1.7191i
8.5	-0.2368-0.0040i	-0.2373+0.0157i	-0.2072+0.0092i	-0.1953+0.0036i	22.8877-0.3821i	-30.4267+3.0461i	14.0315-0.8229i	-13.8850+1.8662i
8.6	-0.2409-0.0031i	-0.2387+0.0155i	-0.2094+0.0104i	-0.1969+0.0032i	22.9611-0.4152i	-30.7553+3.3794i	14.0671-0.8652i	-14.0509+2.0666i
8.7	-0.2459-0.0008i	-0.2415+0.0148i	-0.2131+0.0113i	-0.1992+0.0027i	23.1063-0.2619i	-31.1710+3.8280i	14.1592-0.8041i	-14.2559+2.3061i
8.8	-0.2487-0.0007i	-0.2465+0.0158i	-0.2168+0.0128i	-0.2014+0.0017i	23.3352-0.0936i	-31.6886+4.2791i	14.3651-0.7007i	-14.5531+2.5472i
8.9	-0.2528+0.0001i	-0.2514+0.0179i	-0.2214+0.0164i	-0.2046-0.0004i	23.6499+0.1334i	-32.2739+5.3821i	14.6006-0.6559i	-14.8661+3.1839i
9.0	-0.2578+0.0036i	-0.2533+0.0224i	-0.2237+0.0221i	-0.2083-0.0007i	24.0325+0.1961i	-32.2726+6.7973i	14.8103-0.7320i	-14.8586+4.0074i
9.1	-0.2609+0.0056i	-0.2563+0.0239i	-0.2251+0.0251i	-0.2121-0.0020i	24.5531+0.3332i	-31.7034+7.6129i	15.0722-0.6916i	-14.5238+4.4748i
9.2	-0.2657+0.0022i	-0.2610+0.0289i	-0.2292+0.0284i	-0.2154-0.0045i	24.9142+0.3825i	-32.0606+8.5761i	15.3407-0.7841i	-14.7210+5.0602i
9.3	-0.2744+0.0052i	-0.2585+0.0362i	-0.2256+0.0392i	-0.2260-0.0073i	25.6221+0.4940i	-29.6095+11.4306i	15.5472-0.9853i	-13.2449+6.7501i
9.4	-0.2788+0.0137i	-0.2560+0.0335i	-0.2177+0.0406i	-0.2376-0.0036i	26.5589+0.2497i	-25.3396+11.2728i	15.6755-1.0978i	-10.6868+6.6453i
9.5	-0.2803+0.0161i	-0.2589+0.0314i	-0.2156+0.0360i	-0.2437+0.0027i	27.1011-0.2240i	-23.6418+8.7947i	15.8420-1.1336i	-9.6652+5.1769i
9.6	-0.2816+0.0174i	-0.2655+0.0303i	-0.2172+0.0305i	-0.2479+0.0100i	27.7300-0.7453i	-23.1180+5.7364i	16.1495-1.1318i	-9.3318+3.3653i
9.7	-0.2838+0.0167i	-0.2727+0.0350i	-0.2228+0.0290i	-0.2500+0.0157i	28.3472-1.2932i	-23.8005+3.8766i	16.6061-1.2777i	-9.7454+2.2410i
9.8	-0.2900+0.0163i	-0.2789+0.0449i	-0.2293+0.0312i	-0.2528+0.0218i	29.0047-2.1893i	-24.5978+2.5026i	17.0896-1.6568i	-10.2383+1.4139i
9.9	-0.3015+0.0210i	-0.2760+0.0584i	-0.2338+0.0380i	-0.2545+0.0298i	29.2334-3.5166i	-25.5283+1.2960i	17.3451-2.3512i	-10.7809+0.7317i
10.0	-0.3084+0.0313i	-0.2632+0.0639i	-0.2319+0.0442i	-0.2511+0.0369i	28.6508-4.7799i	-26.6641+0.3837i	17.1007-2.9806i	-11.4406+0.2334i
10.1	-0.3082+0.0466i	-0.2470+0.0514i	-0.2244+0.0461i	-0.2437+0.0381i	26.9794-5.2462i	-28.4924+0.3105i	16.3054-3.3097i	-12.4667+0.2621i
10.2	-0.3035+0.0528i	-0.2445+0.0375i	-0.2206+0.0428i	-0.2404+0.0346i	26.0075-4.7628i	-29.6943+0.6828i	15.7645-3.1047i	-13.0853+0.5037i
10.3	-0.2971+0.0549i	-0.2522+0.0227i	-0.2208+0.0366i	-0.2406+0.0287i	25.6132-3.7420i	-30.5675+0.9651i	15.5862-2.5496i	-13.5298+0.6653i
10.4	-0.2951+0.0537i	-0.2615+0.0148i	-0.2233+0.0318i	-0.2434+0.0256i	25.5484-3.0082i	-31.0161+1.1123i	15.5952-2.0986i	-13.7340+0.7263i
10.5	-0.2955+0.0527i	-0.2725+0.0141i	-0.2283+0.0298i	-0.2478+0.0253i	26.0487-2.5476i	-31.3936+1.2083i	15.9095-1.8318i	-13.9003+0.7511i
10.6	-0.2964+0.0508i	-0.2815+0.0142i	-0.2327+0.0284i	-0.2520+0.0246i	26.5890-2.2490i	-31.8061+1.3089i	16.2740-1.6644i	-14.1208+0.7920i
10.7	-0.2994+0.0488i	-0.2907+0.0165i	-0.2386+0.0281i	-0.2568+0.0249i	27.2443-2.0381i	-32.3161+1.3571i	16.6785-1.5255i	-14.3822+0.7854i
10.8	-0.3023+0.0470i	-0.2976+0.0188i	-0.2426+0.0279i	-0.2607+0.0253i	27.7049-1.9559i	-32.5689+1.3578i	16.9547-1.4495i	-14.4970+0.7665i
10.9	-0.3060+0.0453i	-0.3051+0.0194i	-0.2479+0.0269i	-0.2652+0.0251i	28.2765-1.7830i	-33.1500+1.1927i	17.3565-1.2995i	-14.8174+0.6388i
11.0	-0.3104+0.0451i	-0.3101+0.0190i	-0.2517+0.0265i	-0.2689+0.0248i	28.7724-1.7063i	-33.7655+1.2329i	17.7316-1.2604i	-15.1626+0.6725i
11.1	-0.3160+0.0452i	-0.3187+0.0201i	-0.2578+0.0270i	-0.2746+0.0255i	29.3929-1.7868i	-34.4231+1.4886i	18.1731-1.3464i	-15.5096+0.8139i
11.2	-0.3189+0.0428i	-0.3239+0.0202i	-0.2614+0.0259i	-0.2781+0.0248i	29.6845-1.7089i	-34.7495+1.3979i	18.3780-1.2688i	-15.6663+0.7479i
11.3	-0.3276+0.0409i	-0.3334+0.0211i	-0.2687+0.0259i	-0.2856+0.0247i	30.4520-1.6390i	-35.3988+1.3386i	18.8812-1.1947i	-16.0000+0.6929i
11.4	-0.3327+0.0420i	-0.3413+0.0211i	-0.2741+0.0261i	-0.2908+0.0252i	31.0409-1.6482i	-35.8100+1.3871i	19.2333-1.1897i	-16.1986+0.7136i
11.5	-0.3393+0.0417i	-0.3487+0.0230i	-0.2800+0.0264i	-0.2964+0.0258i	31.4967-1.5912i	-36.2631+1.1662i	19.5749-1.1439i	-16.4152+0.5741i
11.6	-0.3476+0.0416i	-0.3566+0.0222i	-0.2860+0.0262i	-0.3025+0.0253i	32.0248-1.4799i	-36.8792+1.0460i	19.9263-1.0671i	-16.7374+0.5028i
11.7	-0.3574+0.0427i	-0.3694+0.0250i	-0.2952+0.0274i	-0.3115+0.0271i	33.1512-1.4981i	-37.9375+0.8674i	20.7245-0.9955i	-17.3253+0.3472i
11.8	-0.3663+0.0425i	-0.3788+0.0257i	-0.3031+0.0275i	-0.3189+0.0272i	33.9228-1.3745i	-38.8117+0.8199i	21.3124-0.8889i	-17.7964+0.3129i
11.9	-0.3745+0.0479i	-0.3884+0.0284i	-0.3107+0.0307i	-0.3261+0.0300i	34.7011-1.6296i	-39.8282+1.1256i	21.9122-1.0709i	-18.3709+0.4960i

12.0	-0.3868+0.0497i	-0.4034+0.0316i	-0.3215+0.0330i	-0.3373+0.0321i	35.8770-1.8799i	-40.9503+1.5218i	22.7727-1.3208i	-18.9802+0.7287i
12.1	-0.3978+0.0494i	-0.4168+0.0339i	-0.3311+0.0340i	-0.3468+0.0325i	36.7308-1.8220i	-41.5835+1.4916i	23.3323-1.2857i	-19.2605+0.7049i
12.2	-0.4068+0.0518i	-0.4273+0.0367i	-0.3389+0.0359i	-0.3545+0.0343i	37.4520-1.8904i	-42.2897+1.5441i	23.8552-1.3189i	-19.6100+0.7216i
12.3	-0.4186+0.0562i	-0.4406+0.0444i	-0.3487+0.0408i	-0.3647+0.0391i	38.5140-2.3526i	-43.3026+1.9728i	24.6010-1.6182i	-20.1487+0.9504i
12.4	-0.4324+0.0607i	-0.4561+0.0520i	-0.3600+0.0456i	-0.3764+0.0433i	39.6332-2.7478i	-44.2738+2.3341i	25.3580-1.9024i	-20.6427+1.1675i
12.5	-0.4456+0.0671i	-0.4733+0.0620i	-0.3718+0.0517i	-0.3888+0.0491i	40.7769-2.9066i	-45.0527+2.4824i	26.0944-2.0601i	-20.9936+1.2363i
12.6	-0.4576+0.0736i	-0.4859+0.0724i	-0.3814+0.0574i	-0.3992+0.0554i	41.7119-3.1966i	-45.9132+2.7211i	26.7634-2.2625i	-21.4315+1.3583i
12.7	-0.4710+0.0850i	-0.4988+0.0867i	-0.3919+0.0675i	-0.4103+0.0650i	42.9019-3.8684i	-46.8968+2.9830i	27.5567-2.6927i	-21.9253+1.4758i
12.8	-0.4808+0.0981i	-0.5048+0.1061i	-0.3984+0.0791i	-0.4179+0.0777i	44.0300-4.6621i	-47.7165+3.3132i	28.2700-3.2059i	-22.3007+1.6082i
12.9	-0.4861+0.1045i	-0.5069+0.1165i	-0.4025+0.0854i	-0.4217+0.0836i	44.6858-5.0833i	-48.3157+3.6437i	28.6857-3.4730i	-22.5735+1.7659i
13.0	-0.4940+0.1106i	-0.5073+0.1232i	-0.4072+0.0897i	-0.4275+0.0889i	45.9321-5.4952i	-49.9159+4.0663i	29.6288-3.8026i	-23.4283+1.9754i
13.1	-0.5020+0.1142i	-0.5109+0.1259i	-0.4130+0.0926i	-0.4336+0.0919i	47.0043-5.8341i	-50.9554+4.0321i	30.4142-4.0089i	-23.9831+1.9211i
13.2	-0.5121+0.1177i	-0.5195+0.1260i	-0.4215+0.0943i	-0.4422+0.0940i	48.2194-6.2129i	-51.8452+4.5160i	31.1947-4.2554i	-24.4024+2.1789i
13.3	-0.5287+0.1205i	-0.5336+0.1253i	-0.4343+0.0955i	-0.4560+0.0958i	49.8507-6.5216i	-53.2231+4.6395i	32.2912-4.4595i	-25.0640+2.2363i
13.4	-0.5445+0.1219i	-0.5488+0.1231i	-0.4473+0.0959i	-0.4684+0.0964i	51.2987-6.7818i	-54.4151+4.7759i	33.2494-4.6187i	-25.6416+2.3001i
13.5	-0.5617+0.1289i	-0.5665+0.1260i	-0.4612+0.1001i	-0.4833+0.1015i	52.9283-7.3930i	-55.5251+5.2544i	34.3366-5.0531i	-26.1454+2.5308i
13.6	-0.5871+0.1385i	-0.5942+0.1340i	-0.4825+0.1075i	-0.5056+0.1098i	55.3857-8.4227i	-56.9913+5.9281i	35.8984-5.7135i	-26.8092+2.8490i
13.7	-0.6136+0.1446i	-0.6270+0.1406i	-0.5069+0.1137i	-0.5298+0.1162i	58.0293-9.1258i	-58.8705+6.0552i	37.6583-6.1661i	-27.7389+2.8718i
13.8	-0.6441+0.1547i	-0.6579+0.1475i	-0.5313+0.1206i	-0.5552+0.1242i	60.6160-10.0157i	-60.3313+6.6021i	39.4013-6.7803i	-28.3641+3.1109i
13.9	-0.6690+0.1666i	-0.6844+0.1589i	-0.5517+0.1295i	-0.5761+0.1350i	62.8029-11.1670i	-61.6054+6.9018i	40.8578-7.4804i	-28.9228+3.1682i
14.0	-0.7081+0.1860i	-0.7250+0.1772i	-0.5830+0.1442i	-0.6084+0.1521i	66.0673-13.0047i	-63.9022+7.1733i	43.0606-8.6143i	-30.0047+3.1630i
14.1	-0.7448+0.2082i	-0.7624+0.1989i	-0.6123+0.1617i	-0.6385+0.1708i	69.2543-14.6798i	-65.9503+7.2046i	45.1255-9.7004i	-30.9542+3.0293i
14.2	-0.7770+0.2415i	-0.7986+0.2302i	-0.6403+0.1865i	-0.6653+0.1983i	72.1296-17.3525i	-68.5824+7.8980i	47.0783-11.3977i	-32.2594+3.1827i
14.3	-0.8077+0.2747i	-0.8342+0.2625i	-0.6679+0.2121i	-0.6908+0.2259i	75.0673-20.1633i	-71.0463+8.9053i	49.0788-13.1462i	-33.4498+3.5308i
14.4	-0.8443+0.3054i	-0.8743+0.2929i	-0.7005+0.2358i	-0.7211+0.2520i	78.4891-22.8154i	-73.7426+9.6569i	51.3691-14.8482i	-34.7583+3.7542i
14.5	-0.8924+0.3520i	-0.9291+0.3420i	-0.7433+0.2742i	-0.7619+0.2913i	83.0808-26.8513i	-77.4407+10.4600i	54.5020-17.3089i	-36.5441+3.8058i
14.6	-0.9349+0.4075i	-0.9796+0.4030i	-0.7816+0.3221i	-0.7982+0.3384i	87.3266-31.7590i	-80.7846+11.1709i	57.3877-20.3862i	-38.1619+3.7349i
14.7	-0.9492+0.4620i	-0.9981+0.4641i	-0.7958+0.3699i	-0.8100+0.3846i	88.6987-36.7944i	-84.3131+12.5076i	58.5776-23.5672i	-40.1875+4.1061i
14.8	-0.9559+0.5144i	-1.0064+0.5258i	-0.8036+0.4170i	-0.8151+0.4300i	89.7346-41.5670i	-88.7903+15.4235i	59.5469-26.7702i	-42.7832+5.4031i
14.9	-0.9734+0.5336i	-1.0210+0.5576i	-0.8179+0.4387i	-0.8281+0.4498i	91.7999-43.7158i	-91.8876+18.6260i	61.0727-28.3651i	-44.4817+7.1188i
15.0	-1.0413+0.5485i	-1.0726+0.5735i	-0.8671+0.4545i	-0.8767+0.4621i	97.5155-45.8309i	-96.3045+20.4701i	64.8620-29.8495i	-46.5836+8.0558i
15.1	-1.1629+0.5829i	-1.1953+0.5850i	-0.9655+0.4761i	-0.9753+0.4824i	107.9113-49.5543i	-102.0837+22.4585i	71.6064-32.4154i	-49.0753+8.8734i
15.2	-1.3132+0.6784i	-1.3602+0.6879i	-1.0918+0.5597i	-1.1019+0.5623i	120.9121-58.5906i	-107.8092+27.0055i	79.9039-38.2231i	-51.2658+10.7758i
15.3	-1.4601+0.8277i	-1.5189+0.8446i	-1.2129+0.6854i	-1.2251+0.6847i	134.0722-71.7359i	-113.3642+32.1052i	88.2727-46.7271i	-53.3809+12.5929i
15.4	-1.5927+1.0780i	-1.6578+1.1083i	-1.3192+0.8950i	-1.3345+0.8932i	145.9875-94.5793i	-116.8659+38.4683i	95.6577-61.0914i	-54.3247+14.1962i
15.5	-1.7038+1.4817i	-1.7689+1.5345i	-1.4043+1.2316i	-1.4227+1.2294i	155.6231-131.7927i	-122.8126+47.3634i	101.7790-84.2370i	-56.9957+15.8595i
15.6	-1.7688+2.0894i	-1.8361+2.1591i	-1.4516+1.7320i	-1.4721+1.7259i	160.7543-186.5433i	-129.9856+59.6448i	105.3352-118.4213i	-60.8699+17.8975i
15.7	-1.4951+2.6448i	-1.5493+2.7318i	-1.2189+2.1870i	-1.2463+2.1792i	135.4740-236.5943i	-131.8941+71.9763i	90.0607-149.5960i	-64.5243+20.4031i
15.8	-0.5530+3.1497i	-0.5752+3.2464i	-0.4377+2.5900i	-0.4743+2.5868i	48.2397-281.7795i	-125.9905+88.6336i	36.9184-178.0209i	-69.5625+26.0955i
15.9	0.4200+3.0840i	0.4283+3.1708i	0.3623+2.5222i	0.3226+2.5274i	-41.1126-275.4326i	-118.9061+93.5821i	-17.6147-174.3225i	-74.2602+29.7524i
16.0	1.0082+2.6092i	1.0289+2.6812i	0.8388+2.1243i	0.7991+2.1390i	-95.5822-231.1065i	-118.0151+96.9169i	-50.3419-147.7620i	-79.2822+36.1687i
16.1	1.2775+2.0385i	1.2995+2.0910i	1.0529+1.6517i	1.0130+1.6723i	-121.7470-177.7642i	-125.5576+102.6291i	-65.2031-116.0505i	-86.4969+45.0307i
16.2	1.2750+1.7166i	1.2926+1.7619i	1.0457+1.3892i	1.0077+1.4109i	-122.6001-148.7141i	-135.2208+103.6575i	-64.7079-98.6090i	-92.5391+48.6410i
16.3	1.1817+1.3908i	1.1907+1.4304i	0.9648+1.1229i	0.9290+1.1480i	-116.4128-116.2331i	-147.8722+123.8054i	-59.8004-80.8596i	-99.6424+64.2371i
16.4	1.0622+1.2401i	1.0677+1.2822i	0.8655+1.0029i	0.8311+1.0277i	-106.8150-99.0089i	-153.3369+147.6383i	-53.5383-72.6294i	-102.0102+80.5870i
16.5	1.0019+1.1169i	1.0065+1.1618i	0.8163+0.9022i	0.7822+0.9300i	-101.7176-81.5935i	-152.6591+188.2883i	-50.4875-65.9198i	-101.1153+107.2472i
16.6	0.9749+1.0404i	0.9787+1.0893i	0.7930+0.8388i	0.7602+0.8722i	-97.1625-69.4402i	-136.7443+223.4226i	-49.1296-61.8538i	-90.9632+129.9892i
16.7	0.9760+1.0061i	0.9793+1.0616i	0.7909+0.8105i	0.7623+0.8502i	-92.5265-60.4349i	-98.8608+266.2451i	-49.8060-60.2998i	-67.2977+157.1861i
16.8	1.0314+0.9334i	1.0446+0.9922i	0.8373+0.7490i	0.8136+0.7916i	-93.1385-49.5741i	-55.8024+285.5875i	-53.9811-55.3731i	-40.9132+170.1482i
16.9	1.0390+0.7770i	1.0606+0.8370i	0.8395+0.6204i	0.8210+0.6632i	-82.8699-30.8468i	7.5737+295.4982i	-53.4458-44.8171i	-0.9667+178.0131i
17.0	1.0057+0.6948i	1.0325+0.7513i	0.8068+0.5557i	0.7935+0.5984i	-67.7860-28.7337i	68.6479+271.4766i	-49.7502-41.5332i	37.9192+163.5505i
17.1	1.0169+0.6521i	1.0489+0.7036i	0.8150+0.5226i	0.8083+0.5648i	-66.7212-31.8638i	91.2599+235.9511i	-51.1465-40.2569i	51.8353+141.5365i
17.2	1.0351+0.5315i	1.0704+0.5789i	0.8274+0.4264i	0.8271+0.4632i	-66.2997-24.1283i	109.9958+205.8223i	-52.5870-32.8147i	63.3468+123.8435i
17.3	0.9661+0.4022i	1.0013+0.4477i	0.7682+0.3255i	0.7670+0.3566i	-56.2781-16.8274i	117.9906+174.7044i	-47.1600-25.6509i	69.2010+105.5533i
17.4	0.8984+0.3494i	0.9344+0.3945i	0.7134+0.2853i	0.7109+0.3171i	-49.3175-16.5966i	116.9750+155.3630i	-42.7867-23.7952i	69.3033+93.7878i
17.5	0.8453+0.3205i	0.8845+0.3651i	0.6724+0.2644i	0.6693+0.2958i	-44.3162-17.4465i	118.1057+141.7797i	-39.8555-23.1626i	70.5455+85.4309i
17.6	0.7926+0.2912i	0.8339+0.3292i	0.6303+0.2408i	0.6288+0.2707i	-39.7031-18.1721i	118.9278+123.9896i	-37.1058-22.0486i	71.5983+74.4414i
17.7	0.7510+0.2709i	0.7953+0.3035i	0.5980+0.2257i	0.5977+0.2534i	-36.3391-20.1978i	119.5932+107.6963i	-35.1992-21.8711i	72.3974+64.2398i
17.8	0.7297+0.2668i	0.7778+0.2962i	0.5841+0.2241i	0.5833+0.2502i	-35.7209-22.6982i	119.2344+98.1495i	-34.7939-22.5278i	72.2572+58.1452i
17.9	0.7123+0.2513i	0.7614+0.2763i	0.5725+0.2112i	0.5713+0.2371i	-35.8820-23.3695i	117.3609+87.0587i	-34.7852-21.9669i	71.1340+51.2812i
18.0	0.6907+0.2278i	0.7381+0.2487i	0.5561+0.1904i	0.5550+0.2164i	-36.2851-22.7966i	111.3571+73.9368i	-34.5217-20.4588i	67.4437+43.2465i
18.1	0.6719+0.2083i	0.7167+0.2264i	0.5407+0.1731i	0.5402+0.1992i	-36.3049-22.1161i	106.3306+63.9298i	-34.0945-19.1606i	64.3834+37.1478i
18.2	0.6561+0.1911i	0.6997+0.2052i	0.5281+0.1575i	0.5279+0.1837i	-36.0531-21.7015i	102.3249+55.0348i	-33.6373-18.1192i	61.9890+31.7288i

18.3	0.6435+0.1752i	0.6872+0.1877i	0.5182+0.1443i	0.5189+0.1699i	-35.9335-20.7854i	98.9093+49.5601i	-33.2715-17.0466i	59.8951+28.4422i
18.4	0.6223+0.1572i	0.6632+0.1681i	0.4997+0.1288i	0.5014+0.1543i	-34.8591-19.6907i	93.8154+43.7132i	-32.1708-15.8778i	56.8969+24.9668i
18.5	0.6035+0.1458i	0.6430+0.1566i	0.4835+0.1208i	0.4873+0.1451i	-34.1921-19.8642i	89.4316+38.6853i	-31.4209-15.5724i	54.2793+21.8417i
18.6	0.5923+0.1316i	0.6324+0.1422i	0.4758+0.1122i	0.4793+0.1322i	-35.0446-20.0027i	85.8307+32.7625i	-31.6565-15.1317i	52.0074+18.1661i
18.7	0.5862+0.1161i	0.6271+0.1264i	0.4737+0.0987i	0.4743+0.1184i	-36.3744-18.2671i	81.5277+28.7718i	-32.0879-13.6880i	49.2225+15.8497i
18.8	0.5728+0.1009i	0.6138+0.1096i	0.4637+0.0841i	0.4631+0.1053i	-36.3210-16.1238i	77.2102+26.2614i	-31.6562-12.1577i	46.5447+14.5291i
18.9	0.5554+0.0837i	0.5970+0.0895i	0.4499+0.0675i	0.4492+0.0893i	-35.3857-13.4651i	73.2481+23.7159i	-30.7478-10.2801i	44.1960+13.2558i
19.0	0.5388+0.0700i	0.5802+0.0745i	0.4359+0.0551i	0.4353+0.0775i	-34.3145-11.6654i	69.0660+21.4000i	-29.7363-8.9489i	41.7582+12.0118i
19.1	0.5261+0.0620i	0.5677+0.0657i	0.4245+0.0476i	0.4245+0.0710i	-32.9926-10.4909i	66.2230+20.3628i	-28.6731-8.1349i	40.1376+11.4794i
19.2	0.5084+0.0467i	0.5496+0.0484i	0.4084+0.0342i	0.4090+0.0581i	-31.1006-8.8674i	62.6001+18.2709i	-27.1788-6.9812i	38.1070+10.3736i
19.3	0.4938+0.0388i	0.5347+0.0375i	0.3956+0.0265i	0.3969+0.0506i	-29.6354-8.0547i	59.9357+16.8682i	-26.0242-6.3522i	36.6295+9.5986i
19.4	0.4841+0.0335i	0.5240+0.0306i	0.3860+0.0221i	0.3882+0.0461i	-28.4466-7.8403i	57.7803+16.1701i	-25.1037-6.1643i	35.4210+9.2058i
19.5	0.4708+0.0234i	0.5097+0.0195i	0.3738+0.0145i	0.3767+0.0394i	-27.0154-7.6239i	54.8348+15.2087i	-23.9657-5.9392i	33.7476+8.6251i
19.6	0.4593+0.0159i	0.4982+0.0112i	0.3643+0.0088i	0.3678+0.0345i	-26.1401-7.5095i	53.2021+14.5613i	-23.2698-5.8061i	32.8406+8.2334i
19.7	0.4458+0.0098i	0.4840+0.0027i	0.3530+0.0034i	0.3577+0.0295i	-25.4617-7.2315i	51.5218+14.2001i	-22.6996-5.6086i	31.8879+8.0604i
19.8	0.4359+0.0029i	0.4734-0.0058i	0.3438-0.0024i	0.3506+0.0238i	-24.8508-6.7870i	50.0238+13.5516i	-22.2049-5.3035i	31.0425+7.7072i
19.9	0.4278-0.0014i	0.4643-0.0116i	0.3357-0.0061i	0.3449+0.0195i	-24.2988-6.3410i	48.9827+12.8859i	-21.7675-4.9825i	30.4639+7.3292i
20.0	0.4176-0.0057i	0.4528-0.0164i	0.3262-0.0088i	0.3370+0.0143i	-23.4530-5.7115i	47.6462+11.5288i	-21.1007-4.5061i	29.7412+6.5504i
20.1	0.4072-0.0065i	0.4419-0.0170i	0.3170-0.0083i	0.3288+0.0126i	-22.5451-5.4358i	45.8276+11.1167i	-20.4040-4.2957i	28.7044+6.3151i
20.2	0.4007-0.0072i	0.4358-0.0186i	0.3112-0.0092i	0.3230+0.0106i	-21.6781-4.9879i	44.5190+10.3995i	-19.7632-3.9597i	28.0068+5.9236i
20.3	0.3977-0.0123i	0.4327-0.0251i	0.3077-0.0136i	0.3196+0.0061i	-20.7839-4.7432i	43.1774+9.8069i	-19.1218-3.7705i	27.2916+5.5896i
20.4	0.3929-0.0169i	0.4283-0.0312i	0.3025-0.0170i	0.3146+0.0019i	-19.8657-4.6006i	41.4015+9.2870i	-18.3818-3.6348i	26.2786+5.2930i
20.5	0.3930-0.0221i	0.4292-0.0379i	0.3012-0.0204i	0.3133-0.0029i	-19.0401-4.4122i	40.2736+8.4957i	-17.7912-3.4653i	25.6815+4.8271i
20.6	0.3915-0.0313i	0.4280-0.0489i	0.2987-0.0270i	0.3112-0.0098i	-18.1388-4.4148i	38.7926+7.9793i	-17.1139-3.4227i	24.8597+4.4931i
20.7	0.3934-0.0430i	0.4299-0.0635i	0.2982-0.0345i	0.3106-0.0185i	-17.2389-4.6382i	37.5759+7.7024i	-16.4125-3.5755i	24.2096+4.2908i
20.8	0.3901-0.0574i	0.4269-0.0809i	0.2946-0.0440i	0.3074-0.0290i	-16.6210-4.9125i	36.4270+7.3470i	-15.9179-3.7000i	23.5607+4.0536i
20.9	0.3857-0.0693i	0.4209-0.0968i	0.2905-0.0520i	0.3028-0.0368i	-16.0968-5.3781i	35.5901+7.5388i	-15.5553-4.0142i	23.1256+4.1272i
21.0	0.3813-0.0964i	0.4153-0.1303i	0.2856-0.0714i	0.2980-0.0554i	-15.5656-5.7561i	34.3321+7.0854i	-15.1435-4.2845i	22.4167+3.8237i
21.1	0.3665-0.1167i	0.3981-0.1553i	0.2742-0.0849i	0.2873-0.0702i	-15.2510-6.1075i	33.3025+7.0069i	-14.8660-4.5218i	21.7922+3.7572i
21.2	0.3426-0.1318i	0.3695-0.1735i	0.2576-0.0951i	0.2700-0.0811i	-15.2033-6.3473i	32.4079+6.9965i	-14.7570-4.7185i	21.2582+3.7261i
21.3	0.3214-0.1449i	0.3431-0.1891i	0.2419-0.1037i	0.2549-0.0904i	-15.2808-6.5438i	31.6488+6.7035i	-14.7467-4.8478i	20.8063+3.5272i
21.4	0.2914-0.1514i	0.3043-0.1967i	0.2197-0.1081i	0.2334-0.0953i	-15.4399-6.4789i	31.2256+6.4189i	-14.8931-4.7729i	20.5341+3.3431i
21.5	0.2689-0.1580i	0.2768-0.2050i	0.2034-0.1129i	0.2182-0.1006i	-15.5886-6.5239i	30.9777+6.2538i	-15.0299-4.7977i	20.3644+3.2517i
21.6	0.2496-0.1505i	0.2531-0.1947i	0.1894-0.1065i	0.2045-0.0961i	-15.5858-6.3972i	30.6285+6.0812i	-15.0235-4.6976i	20.1736+3.1479i
21.7	0.2303-0.1407i	0.2283-0.1803i	0.1746-0.0989i	0.1894-0.0900i	-15.5740-6.0376i	29.9470+5.6966i	-14.9791-4.3790i	19.8007+2.9444i
21.8	0.2155-0.1314i	0.2096-0.1671i	0.1633-0.0921i	0.1779-0.0839i	-15.3779-5.6619i	29.1966+5.6684i	-14.7987-4.1301i	19.3599+2.9688i
21.9	0.2030-0.1248i	0.1934-0.1575i	0.1537-0.0868i	0.1680-0.0801i	-15.2552-5.3278i	28.7169+5.2943i	-14.7053-3.8788i	19.0957+2.7725i
22.0	0.1964-0.1177i	0.1832-0.1481i	0.1483-0.0812i	0.1622-0.0757i	-15.0247-5.1773i	28.2772+5.1643i	-14.5528-3.7665i	18.8672+2.7172i
22.1	0.1872-0.1135i	0.1732-0.1417i	0.1419-0.0777i	0.1552-0.0732i	-14.8120-4.9050i	27.6277+4.5824i	-14.3891-3.5583i	18.4900+2.3718i
22.2	0.1821-0.1082i	0.1672-0.1333i	0.1377-0.0733i	0.1502-0.0700i	-14.5804-4.6387i	27.1692+4.2013i	-14.1902-3.3697i	18.2491+2.1589i
22.3	0.1778-0.1034i	0.1612-0.1258i	0.1341-0.0693i	0.1458-0.0665i	-14.3420-4.4841i	26.4854+3.9703i	-13.9735-3.2440i	17.8413+2.0275i
22.4	0.1748-0.0996i	0.1574-0.1193i	0.1313-0.0663i	0.1423-0.0640i	-13.9786-4.3140i	25.7844+3.6621i	-13.6676-3.1108i	17.4588+1.8392i
22.5	0.1706-0.0964i	0.1517-0.1133i	0.1284-0.0633i	0.1383-0.0617i	-13.7117-4.1695i	25.2164+3.3879i	-13.4751-2.9570i	17.1485+1.6699i
22.6	0.1691-0.0963i	0.1482-0.1107i	0.1267-0.0627i	0.1358-0.0613i	-13.3780-4.0658i	24.7266+3.1071i	-13.2525-2.8800i	16.8903+1.5110i
22.7	0.1664-0.0971i	0.1449-0.1069i	0.1245-0.0622i	0.1330-0.0605i	-13.0642-4.0390i	24.3878+2.7448i	-13.0590-2.8014i	16.7132+1.2608i
22.8	0.1665-0.0973i	0.1457-0.1048i	0.1246-0.0611i	0.1322-0.0599i	-12.7549-3.9545i	23.9082+2.9012i	-12.8164-2.7783i	16.4589+1.3739i
22.9	0.1683-0.1020i	0.1480-0.1067i	0.1254-0.0627i	0.1323-0.0624i	-12.4253-3.9455i	23.1351+2.9428i	-12.5153-2.8404i	16.0158+1.4087i
23.0	0.1647-0.1127i	0.1455-0.1123i	0.1226-0.0681i	0.1289-0.0673i	-12.1773-4.1028i	22.3798+2.7852i	-12.2722-2.9214i	15.5603+1.2837i
23.1	0.1528-0.1251i	0.1357-0.1224i	0.1162-0.0747i	0.1214-0.0739i	-12.0592-4.4215i	22.0628+2.9281i	-12.2108-3.1258i	15.3939+1.3447i
23.2	0.1336-0.1340i	0.1193-0.1284i	0.1047-0.0800i	0.1095-0.0785i	-12.1633-4.4850i	21.6340+2.6873i	-12.2574-3.1603i	15.1189+1.1743i
23.3	0.1067-0.1395i	0.0964-0.1304i	0.0890-0.0834i	0.0931-0.0812i	-12.3036-4.3564i	21.2168+2.3394i	-12.3821-3.0730i	14.8657+0.9668i
23.4	0.0803-0.1359i	0.0739-0.1261i	0.0737-0.0806i	0.0771-0.0789i	-12.4171-4.2299i	20.9009+2.2112i	-12.4695-2.9796i	14.6488+0.8941i
23.5	0.0613-0.1137i	0.0563-0.1053i	0.0619-0.0674i	0.0654-0.0655i	-12.5401-3.7307i	20.4326+2.1024i	-12.5125-2.6695i	14.3516+0.8744i
23.6	0.0522-0.0923i	0.0484-0.0862i	0.0567-0.0552i	0.0598-0.0535i	-12.5325-3.3474i	20.0437+1.9544i	-12.4582-2.3703i	14.1234+0.8175i
23.7	0.0478-0.0670i	0.0469-0.0629i	0.0547-0.0400i	0.0572-0.0382i	-12.1613-3.0266i	19.6130+2.0101i	-12.2352-2.1175i	13.8847+0.8870i
23.8	0.0490-0.0535i	0.0499-0.0501i	0.0552-0.0320i	0.0580-0.0299i	-11.8561-2.8389i	19.2594+1.9434i	-12.0204-1.9787i	13.6825+0.8512i
23.9	0.0571-0.0397i	0.0579-0.0365i	0.0599-0.0240i	0.0622-0.0218i	-11.6602-2.5458i	18.9630+1.6882i	-11.8447-1.7630i	13.5410+0.7340i
24.0	0.0646-0.0321i	0.0648-0.0291i	0.0631-0.0195i	0.0658-0.0172i	-11.2528-2.4201i	18.3692+1.7606i	-11.5296-1.7038i	13.2387+0.8120i
24.1	0.0687-0.0289i	0.0705-0.0250i	0.0661-0.0177i	0.0684-0.0151i	-11.0061-2.1874i	18.1143+1.5940i	-11.3604-1.5592i	13.1097+0.7249i
24.2	0.0745-0.0267i	0.0776-0.0210i	0.0698-0.0155i	0.0720-0.0129i	-10.7430-2.1435i	17.7927+1.5368i	-11.1680-1.5060i	12.9399+0.6799i
24.3	0.0787-0.0245i	0.0831-0.0186i	0.0717-0.0140i	0.0740-0.0112i	-10.3435-2.1870i	17.1449+1.7007i	-10.8845-1.5287i	12.5797+0.7861i
24.4	0.0803-0.0220i	0.0837-0.0173i	0.0725-0.0131i	0.0746-0.0099i	-10.1670-2.1364i	16.9573+1.8177i	-10.7590-1.5482i	12.5004+0.8754i
24.5	0.0827-0.0211i	0.0852-0.0174i	0.0745-0.0131i	0.0746-0.0099i	-9.9829-2.1017i	16.9249+1.6233i	-10.6335-1.4817i	12.5016+0.7576i

24.6	0.0851-0.0215i	0.0895-0.0179i	0.0764-0.0135i	0.0768-0.0101i	-9.7379-2.0692i	16.7024+1.5365i	-10.4871-1.4458i	12.4138+0.6987i
24.7	0.0877-0.0209i	0.0916-0.0194i	0.0773-0.0141i	0.0780-0.0098i	-9.5500-2.0656i	16.4555+1.5128i	-10.3328-1.4155i	12.2747+0.6615i
24.8	0.0868-0.0202i	0.0918-0.0191i	0.0765-0.0141i	0.0770-0.0095i	-9.3287-1.9706i	16.0231+1.5866i	-10.1535-1.3998i	12.0448+0.7028i
24.9	0.0866-0.0219i	0.0916-0.0200i	0.0753-0.0147i	0.0764-0.0101i	-9.1956-1.9596i	15.6316+1.5495i	-10.0433-1.4215i	11.8268+0.6888i
25.0	0.0871-0.0212i	0.0917-0.0204i	0.0747-0.0143i	0.0764-0.0098i	-9.0421-1.9639i	15.3786+1.5664i	-9.9581-1.4312i	11.7115+0.6978i
25.1	0.0855-0.0220i	0.0922-0.0226i	0.0746-0.0155i	0.0755-0.0111i	-8.8787-1.8592i	15.1764+1.5009i	-9.8668-1.3723i	11.6277+0.6848i
25.2	0.0867-0.0231i	0.0938-0.0238i	0.0754-0.0167i	0.0764-0.0126i	-8.7055-1.8535i	14.9827+1.4085i	-9.7261-1.3606i	11.5032+0.6214i
25.3	0.0875-0.0236i	0.0950-0.0256i	0.0757-0.0176i	0.0767-0.0135i	-8.5193-1.8508i	14.7154+1.3840i	-9.5794-1.3488i	11.3602+0.5910i
25.4	0.0848-0.0225i	0.0924-0.0239i	0.0734-0.0169i	0.0745-0.0124i	-8.3364-1.7484i	14.3810+1.2892i	-9.4648-1.2745i	11.1998+0.5257i
25.5	0.0854-0.0232i	0.0927-0.0251i	0.0734-0.0174i	0.0747-0.0134i	-8.1680-1.7905i	14.1925+1.2066i	-9.3202-1.2785i	11.0837+0.4732i
25.6	0.0883-0.0239i	0.0953-0.0265i	0.0750-0.0177i	0.0762-0.0139i	-8.0317-1.8275i	14.1306+1.1860i	-9.2367-1.3098i	11.0641+0.4346i
25.7	0.0866-0.0263i	0.0937-0.0307i	0.0734-0.0203i	0.0742-0.0167i	-7.9051-1.7963i	13.7612+0.9621i	-9.1571-1.2497i	10.8493+0.3113i
25.8	0.0855-0.0269i	0.0926-0.0323i	0.0724-0.0207i	0.0740-0.0175i	-7.7772-1.7861i	13.6875+0.9836i	-9.0844-1.2579i	10.8410+0.3558i
25.9	0.0867-0.0275i	0.0942-0.0327i	0.0734-0.0213i	0.0741-0.0177i	-7.5812-1.8301i	13.4882+0.9513i	-8.9655-1.2746i	10.7264+0.3166i
26.0	0.0879-0.0297i	0.0956-0.0331i	0.0742-0.0223i	0.0742-0.0183i	-7.3776-1.8587i	13.1610+0.9154i	-8.7886-1.3054i	10.5289+0.2731i
26.1	0.0869-0.0282i	0.0945-0.0320i	0.0733-0.0209i	0.0731-0.0177i	-7.2355-1.7266i	12.8362+0.9602i	-8.6607-1.2704i	10.3505+0.3161i
26.2	0.0847-0.0295i	0.0916-0.0363i	0.0719-0.0232i	0.0706-0.0197i	-7.0426-1.9085i	12.6243+1.0128i	-8.5604-1.3470i	10.2721+0.3616i
26.3	0.0829-0.0308i	0.0895-0.0388i	0.0701-0.0249i	0.0692-0.0206i	-6.8743-1.9664i	12.2508+0.9739i	-8.4073-1.3749i	10.0850+0.3170i
26.4	0.0821-0.0341i	0.0890-0.0431i	0.0693-0.0272i	0.0685-0.0235i	-6.8268-1.9905i	12.0515+1.0183i	-8.3616-1.4600i	9.9698+0.3388i
26.5	0.0825-0.0367i	0.0875-0.0461i	0.0685-0.0293i	0.0678-0.0254i	-6.7331-2.0080i	12.0288+0.8742i	-8.3549-1.4341i	9.9778+0.2402i
26.6	0.0830-0.0383i	0.0883-0.0490i	0.0690-0.0309i	0.0673-0.0266i	-6.5527-2.0275i	11.9484+0.9534i	-8.2625-1.4942i	9.9623+0.2607i
26.7	0.0831-0.0395i	0.0881-0.0499i	0.0693-0.0320i	0.0668-0.0272i	-6.4229-2.1343i	11.8278+1.0082i	-8.1981-1.5655i	9.9048+0.2806i
26.8	0.0817-0.0409i	0.0847-0.0502i	0.0677-0.0332i	0.0645-0.0276i	-6.3979-2.2103i	11.5940+1.0185i	-8.1991-1.6015i	9.7705+0.2705i
26.9	0.0820-0.0429i	0.0842-0.0524i	0.0677-0.0345i	0.0643-0.0291i	-6.3114-2.2860i	11.4320+1.0310i	-8.1052-1.6121i	9.6847+0.2713i
27.0	0.0817-0.0463i	0.0823-0.0572i	0.0662-0.0374i	0.0636-0.0318i	-6.2712-2.4739i	11.3120+1.0527i	-8.0454-1.7307i	9.6248+0.2957i
27.1	0.0823-0.0472i	0.0815-0.0587i	0.0661-0.0382i	0.0634-0.0320i	-6.1258-2.5571i	11.1023+1.1480i	-7.9623-1.8082i	9.5108+0.3355i
27.2	0.0820-0.0519i	0.0824-0.0626i	0.0660-0.0414i	0.0635-0.0346i	-6.0973-2.6139i	11.0492+1.1426i	-7.9593-1.8810i	9.4887+0.3079i
27.3	0.0749-0.0585i	0.0743-0.0703i	0.0602-0.0469i	0.0579-0.0400i	-6.2224-2.6353i	10.8653+1.0564i	-8.0636-1.9252i	9.3701+0.2568i
27.4	0.0707-0.0659i	0.0662-0.0762i	0.0555-0.0520i	0.0535-0.0439i	-6.2708-2.7451i	10.6597+0.9552i	-8.1003-1.9820i	9.2551+0.1656i
27.5	0.0632-0.0758i	0.0584-0.0846i	0.0503-0.0585i	0.0482-0.0497i	-6.4022-2.9399i	10.5292+0.8974i	-8.1958-2.1037i	9.1729+0.0963i
27.6	0.0592-0.0807i	0.0534-0.0902i	0.0470-0.0619i	0.0445-0.0530i	-6.4281-3.0133i	10.4658+1.0072i	-8.2203-2.1918i	9.1636+0.1752i
27.7	0.0519-0.0843i	0.0456-0.0944i	0.0417-0.0647i	0.0396-0.0551i	-6.4929-3.1701i	10.4368+1.1170i	-8.3186-2.2727i	9.1251+0.2101i
27.8	0.0364-0.0858i	0.0297-0.0940i	0.0300-0.0653i	0.0292-0.0551i	-6.7970-3.1425i	10.2315+1.1129i	-8.5171-2.2449i	8.9707+0.2168i
27.9	0.0252-0.0856i	0.0175-0.0928i	0.0217-0.0647i	0.0218-0.0545i	-7.0327-3.1145i	10.2483+1.0139i	-8.6844-2.1870i	8.9797+0.1650i
28.0	0.0132-0.0825i	0.0033-0.0889i	0.0123-0.0624i	0.0128-0.0517i	-7.1890-3.0774i	10.1784+0.9843i	-8.8337-2.1360i	8.9119+0.1082i
28.1	0.0002-0.0705i	-0.0076-0.0767i	0.0035-0.0540i	0.0047-0.0442i	-7.3634-2.6614i	10.0477+0.9577i	-8.9754-1.8597i	8.8489+0.1655i
28.2	-0.0067-0.0639i	-0.0122-0.0681i	-0.0009-0.0492i	0.0012-0.0387i	-7.3931-2.5189i	10.0291+0.9109i	-9.0257-1.7013i	8.8509+0.1590i
28.3	-0.0131-0.0568i	-0.0167-0.0603i	-0.0048-0.0439i	-0.0020-0.0339i	-7.3680-2.2805i	9.9668+0.9477i	-9.0801-1.5538i	8.8246+0.1929i
28.4	-0.0179-0.0507i	-0.0200-0.0537i	-0.0076-0.0393i	-0.0048-0.0298i	-7.4144-2.1364i	9.9116+0.7767i	-9.0876-1.3687i	8.8092+0.0849i
28.5	-0.0161-0.0408i	-0.0193-0.0439i	-0.0073-0.0322i	-0.0044-0.0231i	-7.3011-1.8459i	9.7430+0.7751i	-8.9879-1.1961i	8.7142+0.0955i
28.6	-0.0167-0.0336i	-0.0196-0.0356i	-0.0080-0.0267i	-0.0049-0.0184i	-7.2205-1.5210i	9.5226+0.7078i	-8.9271-1.0464i	8.5834+0.0498i
28.7	-0.0149-0.0276i	-0.0186-0.0303i	-0.0072-0.0228i	-0.0036-0.0151i	-7.0441-1.4137i	9.3661+0.6621i	-8.8133-0.9373i	8.5006+0.0054i
28.8	-0.0138-0.0228i	-0.0189-0.0250i	-0.0071-0.0195i	-0.0031-0.0123i	-6.9161-1.3002i	9.2750+0.5598i	-8.7033-0.8005i	8.4584-0.0745i
28.9	-0.0151-0.0186i	-0.0185-0.0223i	-0.0072-0.0171i	-0.0039-0.0097i	-6.7729-1.1774i	9.3062+0.5494i	-8.6664-0.6704i	8.5266-0.0318i
29.0	-0.0147-0.0140i	-0.0166-0.0179i	-0.0068-0.0130i	-0.0040-0.0071i	-6.5566-1.0842i	9.1404+0.5865i	-8.5780-0.6027i	8.4902+0.0320i
29.1	-0.0136-0.0116i	-0.0146-0.0177i	-0.0060-0.0118i	-0.0028-0.0059i	-6.5633-1.1705i	9.0874+0.7099i	-8.5225-0.6429i	8.4128+0.0895i
29.2	-0.0128-0.0102i	-0.0157-0.0139i	-0.0055-0.0105i	-0.0034-0.0034i	-6.5002-1.0682i	8.9140+0.5420i	-8.4311-0.5340i	8.3328-0.0177i
29.3	-0.0118-0.0081i	-0.0175-0.0099i	-0.0056-0.0085i	-0.0039-0.0016i	-6.2755-0.8656i	8.6959+0.4217i	-8.3138-0.4436i	8.2515-0.1035i
29.4	-0.0115-0.0033i	-0.0153-0.0070i	-0.0056-0.0060i	-0.0035+0.0012i	-6.1264-0.7425i	8.5370+0.4654i	-8.2340-0.3914i	8.1721-0.1081i
29.5	-0.0107-0.0004i	-0.0144-0.0065i	-0.0044-0.0047i	-0.0030+0.0021i	-6.0059-0.7245i	8.4991+0.4196i	-8.1746-0.3147i	8.1751-0.1114i
29.6	-0.0106+0.0027i	-0.0144-0.0043i	-0.0046-0.0030i	-0.0034+0.0034i	-5.8855-0.6045i	8.3548+0.3312i	-8.1049-0.2451i	8.1363-0.1627i
29.7	-0.0099+0.0034i	-0.0138-0.0017i	-0.0050-0.0015i	-0.0031+0.0047i	-5.8309-0.6490i	8.2315+0.4346i	-8.0212-0.2593i	8.0474-0.1174i
29.8	-0.0097+0.0051i	-0.0145+0.0005i	-0.0057-0.0002i	-0.0032+0.0062i	-5.7410-0.6234i	8.1750+0.4183i	-7.9769-0.1982i	8.0196-0.1367i
29.9	-0.0107+0.0057i	-0.0152+0.0023i	-0.0058+0.0004i	-0.0036+0.0071i	-5.6634-0.5651i	8.1431+0.3761i	-7.9876-0.1656i	8.0348-0.1845i
30.0	-0.0115+0.0081i	-0.0145+0.0044i	-0.0054+0.0018i	-0.0040+0.0082i	-5.6451-0.5578i	8.0423+0.3992i	-7.8981-0.1606i	7.9798-0.1563i
30.1	-0.0110+0.0075i	-0.0144+0.0052i	-0.0058+0.0021i	-0.0038+0.0084i	-5.5572-0.5657i	7.9642+0.2211i	-7.8550-0.0828i	7.9283-0.2989i
30.2	-0.0112+0.0119i	-0.0151+0.0049i	-0.0063+0.0038i	-0.0038+0.0104i	-5.4380-0.4990i	7.8963+0.2552i	-7.8267-0.0360i	7.9184-0.3060i
30.3	-0.0131+0.0140i	-0.0155+0.0074i	-0.0074+0.0053i	-0.0051+0.0117i	-5.5006-0.3439i	7.7601+0.2062i	-7.8131+0.0488i	7.8394-0.3398i
30.4	-0.0130+0.0167i	-0.0145+0.0111i	-0.0071+0.0075i	-0.0050+0.0144i	-5.2573-0.3356i	7.5592+0.1705i	-7.6629+0.1087i	7.7276-0.4095i
30.5	-0.0122+0.0188i	-0.0161+0.0119i	-0.0071+0.0080i	-0.0061+0.0156i	-5.1937-0.3396i	7.4441+0.1496i	-7.5922+0.1304i	7.6712-0.3832i
30.6	-0.0133+0.0210i	-0.0162+0.0126i	-0.0076+0.0095i	-0.0070+0.0167i	-4.9936-0.2438i	7.3782+0.1061i	-7.5542+0.1739i	7.6744-0.4113i
30.7	-0.0132+0.0223i	-0.0164+0.0138i	-0.0081+0.0104i	-0.0070+0.0173i	-4.9552-0.3301i	7.2627+0.2586i	-7.5034+0.1470i	7.5881-0.3288i
30.8	-0.0116+0.0269i	-0.0179+0.0191i	-0.0078+0.0134i	-0.0073+0.0208i	-4.9268-0.2829i	7.1966+0.2146i	-7.4582+0.2385i	7.5740-0.4309i

30.9	-0.0100+0.0300i	-0.0159+0.0225i	-0.0066+0.0155i	-0.0057+0.0232i	-4.8622-0.2266i	7.0711+0.1902i	-7.3682+0.2881i	7.4599-0.4962i
31.0	-0.0143+0.0383i	-0.0148+0.0263i	-0.0079+0.0199i	-0.0062+0.0270i	-4.8475-0.1831i	6.9868+0.0949i	-7.3545+0.4026i	7.4525-0.5861i
31.1	-0.0124+0.0407i	-0.0153+0.0262i	-0.0072+0.0205i	-0.0060+0.0287i	-4.7484-0.1645i	6.9885+0.1073i	-7.3016+0.4552i	7.4399-0.6001i
31.2	-0.0096+0.0418i	-0.0151+0.0271i	-0.0061+0.0208i	-0.0049+0.0298i	-4.7453-0.1607i	6.9800+0.2390i	-7.2917+0.4494i	7.4295-0.4968i
31.3	-0.0109+0.0465i	-0.0164+0.0289i	-0.0067+0.0227i	-0.0058+0.0308i	-4.6254-0.2262i	6.8664+0.1374i	-7.2319+0.5083i	7.4002-0.5400i
31.4	-0.0107+0.0526i	-0.0159+0.0303i	-0.0072+0.0253i	-0.0057+0.0332i	-4.5132-0.2179i	6.8307+0.0753i	-7.2016+0.5373i	7.3808-0.5604i
31.5	-0.0059+0.0540i	-0.0127+0.0355i	-0.0053+0.0280i	-0.0030+0.0364i	-4.3967-0.0276i	6.5120+0.1030i	-6.9922+0.6114i	7.1499-0.5928i
31.6	-0.0052+0.0568i	-0.0145+0.0404i	-0.0055+0.0303i	-0.0034+0.0386i	-4.3823+0.0495i	6.5372+0.1043i	-6.9845+0.6542i	7.1736-0.5906i
31.7	-0.0001+0.0648i	-0.0135+0.0425i	-0.0028+0.0330i	-0.0010+0.0418i	-4.3320+0.0576i	6.6278+0.0754i	-6.9454+0.7452i	7.2594-0.6523i
31.8	0.0127+0.0708i	-0.0054+0.0464i	0.0036+0.0361i	0.0052+0.0460i	-4.0233+0.0752i	6.3422+0.0221i	-6.7004+0.8298i	7.0595-0.7663i
31.9	0.0180+0.0689i	0.0000+0.0461i	0.0067+0.0353i	0.0092+0.0455i	-3.9032+0.1001i	6.2810+0.2103i	-6.5904+0.7693i	6.9778-0.6083i
32.0	0.0222+0.0755i	0.0014+0.0507i	0.0086+0.0393i	0.0109+0.0494i	-3.8706+0.2023i	6.2199+0.1355i	-6.5540+0.8872i	6.9756-0.6438i
32.1	0.0345+0.0735i	0.0069+0.0493i	0.0147+0.0388i	0.0167+0.0482i	-3.6733+0.1579i	6.1345+0.0090i	-6.3908+0.9176i	6.9299-0.7700i
32.2	0.0354+0.0751i	0.0058+0.0498i	0.0151+0.0394i	0.0157+0.0487i	-3.6328+0.2844i	6.1359-0.1038i	-6.4100+0.9697i	6.9676-0.8300i
32.3	0.0474+0.0618i	0.0115+0.0442i	0.0200+0.0330i	0.0219+0.0419i	-3.4815+0.0666i	6.0361-0.0416i	-6.2507+0.8548i	6.8564-0.8383i
32.4	0.0629+0.0579i	0.0187+0.0444i	0.0279+0.0316i	0.0296+0.0409i	-3.3314-0.0231i	6.0101+0.0003i	-6.0601+0.8936i	6.8280-0.8396i
32.5	0.0688+0.0492i	0.0210+0.0422i	0.0307+0.0272i	0.0327+0.0377i	-3.3088+0.0009i	5.8988+0.0406i	-5.9401+0.8328i	6.7506-0.8032i
32.6	0.0713+0.0402i	0.0229+0.0399i	0.0320+0.0239i	0.0342+0.0342i	-3.2636-0.1661i	5.7377+0.0967i	-5.8524+0.7508i	6.6130-0.8022i
32.7	0.0677+0.0289i	0.0226+0.0329i	0.0307+0.0185i	0.0335+0.0282i	-3.1466-0.3067i	5.7583+0.1318i	-5.8402+0.6812i	6.6326-0.8428i
32.8	0.0649+0.0204i	0.0213+0.0294i	0.0291+0.0140i	0.0322+0.0247i	-3.1156-0.3258i	5.7932+0.0937i	-5.8293+0.5790i	6.6352-0.8548i
32.9	0.0627+0.0170i	0.0197+0.0294i	0.0272+0.0130i	0.0310+0.0234i	-3.0987-0.2225i	5.6685+0.1441i	-5.8012+0.5682i	6.5408-0.7694i
33.0	0.0598+0.0143i	0.0186+0.0276i	0.0257+0.0111i	0.0298+0.0224i	-3.0685-0.3156i	5.7189+0.0243i	-5.7626+0.5603i	6.5821-0.8166i
33.1	0.0547+0.0077i	0.0163+0.0231i	0.0232+0.0074i	0.0279+0.0186i	-2.9979-0.5653i	5.6511-0.0397i	-5.6630+0.4714i	6.5120-0.8891i
33.2	0.0481+0.0045i	0.0135+0.0195i	0.0197+0.0054i	0.0256+0.0157i	-3.0799-0.5607i	5.4625-0.0350i	-5.6433+0.3964i	6.3081-0.9186i
33.3	0.0466+0.0047i	0.0078+0.0203i	0.0168+0.0054i	0.0230+0.0163i	-3.2288-0.4420i	5.5558-0.0191i	-5.7665+0.4347i	6.4021-0.9364i
33.4	0.0435+0.0037i	0.0075+0.0186i	0.0154+0.0042i	0.0224+0.0151i	-3.1756-0.3910i	5.5484-0.0762i	-5.7562+0.4217i	6.3433-0.9285i
33.5	0.0354+0.0080i	0.0035+0.0204i	0.0121+0.0064i	0.0179+0.0169i	-3.0967-0.3470i	5.4041-0.0700i	-5.7288+0.4212i	6.2064-0.8400i
33.6	0.0298+0.0088i	-0.0034+0.0199i	0.0076+0.0072i	0.0133+0.0159i	-3.1446-0.3470i	5.2161-0.1913i	-5.7417+0.4230i	6.0567-0.8945i
33.7	0.0257+0.0027i	-0.0013+0.0221i	0.0062+0.0064i	0.0132+0.0147i	-3.1676-0.3796i	5.2563-0.1388i	-5.7185+0.3777i	6.0845-0.8730i
33.8	0.0260+0.0043i	-0.0007+0.0240i	0.0060+0.0072i	0.0140+0.0164i	-3.1873-0.3679i	5.2703-0.0017i	-5.6736+0.3800i	6.0788-0.7799i
33.9	0.0237+0.0089i	-0.0064+0.0264i	0.0039+0.0098i	0.0098+0.0182i	-3.1696-0.2633i	5.2552-0.0744i	-5.6805+0.4016i	6.1339-0.7334i
34.0	0.0238+0.0082i	-0.0083+0.0251i	0.0027+0.0098i	0.0101+0.0167i	-3.3030-0.2740i	5.1605-0.1422i	-5.6588+0.4086i	6.0086-0.7905i
34.1	0.0259+0.0061i	-0.0053+0.0220i	0.0037+0.0076i	0.0125+0.0144i	-3.2152-0.4217i	5.1641-0.0742i	-5.5988+0.3417i	5.9947-0.7531i
34.2	0.0263+0.0082i	-0.0084+0.0267i	0.0027+0.0107i	0.0111+0.0169i	-3.0577-0.2258i	5.0925-0.0468i	-5.6220+0.3542i	6.0566-0.6599i
34.3	0.0223+0.0091i	-0.0115+0.0259i	0.0011+0.0106i	0.0078+0.0169i	-3.0281-0.1691i	5.0241-0.0146i	-5.5835+0.3367i	5.9702-0.5642i
34.4	0.0224+0.0062i	-0.0101+0.0241i	0.0016+0.0088i	0.0089+0.0154i	-3.0261-0.2719i	5.0491+0.0503i	-5.5204+0.2586i	5.9726-0.5070i
34.5	0.0192+0.0078i	-0.0145+0.0271i	-0.0011+0.0099i	0.0058+0.0162i	-3.1266-0.2881i	4.9222-0.1384i	-5.5311+0.2679i	5.9075-0.5873i
34.6	0.0156+0.0116i	-0.0155+0.0306i	-0.0023+0.0119i	0.0036+0.0187i	-2.9483-0.0742i	4.8933-0.1883i	-5.5455+0.3616i	5.9283-0.6071i
34.7	0.0156+0.0136i	-0.0159+0.0289i	-0.0027+0.0127i	0.0042+0.0191i	-2.9279-0.1489i	4.8768-0.1641i	-5.5177+0.3663i	5.8843-0.6190i
34.8	0.0143+0.0166i	-0.0212+0.0316i	-0.0051+0.0151i	0.0016+0.0208i	-2.9004-0.0667i	4.9084-0.2346i	-5.5807+0.4065i	5.9251-0.6394i
34.9	0.0144+0.0200i	-0.0258+0.0364i	-0.0069+0.0177i	-0.0003+0.0240i	-2.9604+0.0370i	4.9162-0.3031i	-5.5862+0.4762i	5.9966-0.6810i
35.0	0.0184+0.0198i	-0.0261+0.0413i	-0.0055+0.0188i	0.0008+0.0262i	-2.9430+0.0408i	4.8824-0.2644i	-5.5234+0.4600i	6.0083-0.6601i
35.1	0.0179+0.0246i	-0.0238+0.0463i	-0.0042+0.0218i	-0.0003+0.0292i	-2.8179+0.0840i	4.8088-0.2133i	-5.5209+0.4466i	5.9908-0.5706i
35.2	0.0199+0.0284i	-0.0295+0.0480i	-0.0060+0.0241i	-0.0013+0.0313i	-2.7511+0.1421i	4.7269-0.2541i	-5.4987+0.4815i	5.9027-0.5834i
35.3	0.0255+0.0295i	-0.0281+0.0520i	-0.0035+0.0253i	0.0016+0.0334i	-2.6430+0.2154i	4.6647-0.3914i	-5.4641+0.5389i	5.9367-0.6816i
35.4	0.0254+0.0277i	-0.0284+0.0514i	-0.0038+0.0249i	0.0013+0.0328i	-2.6446+0.1244i	4.7217-0.4562i	-5.4758+0.5177i	5.9954-0.6698i
35.5	0.0312+0.0309i	-0.0251+0.0495i	-0.0014+0.0252i	0.0049+0.0323i	-2.6304+0.0883i	4.8386-0.3761i	-5.4561+0.5385i	6.0769-0.5840i
35.6	0.0351+0.0309i	-0.0249+0.0517i	-0.0000+0.0257i	0.0062+0.0338i	-2.5741+0.2170i	4.6951-0.4971i	-5.3900+0.5915i	6.0168-0.7005i
35.7	0.0362+0.0258i	-0.0190+0.0558i	0.0030+0.0253i	0.0077+0.0331i	-2.3648+0.2126i	4.5186-0.6204i	-5.2915+0.5670i	5.9474-0.7669i
35.8	0.0387+0.0238i	-0.0188+0.0595i	0.0030+0.0253i	0.0087+0.0346i	-2.3546+0.2266i	4.3000-0.6046i	-5.2214+0.5558i	5.7926-0.7876i
35.9	0.0445+0.0255i	-0.0256+0.0620i	0.0028+0.0263i	0.0086+0.0358i	-2.3337+0.3388i	4.3543-0.7539i	-5.2608+0.6197i	5.9649-0.8905i
36.0	0.0469+0.0160i	-0.0217+0.0653i	0.0051+0.0246i	0.0119+0.0333i	-2.3086+0.2006i	4.2176-0.6965i	-5.1528+0.5310i	5.8327-0.8567i
36.1	0.0484+0.0070i	-0.0221+0.0630i	0.0047+0.0202i	0.0111+0.0302i	-2.2504+0.2175i	4.1520-0.7466i	-5.0925+0.4846i	5.8151-0.9139i
36.2	0.0473+0.0047i	-0.0233+0.0631i	0.0038+0.0189i	0.0099+0.0302i	-2.2290+0.2041i	4.0598-0.7415i	-5.1015+0.4471i	5.7757-0.9497i
36.3	0.0467+0.0005i	-0.0262+0.0663i	0.0026+0.0194i	0.0092+0.0297i	-2.2313+0.1455i	4.1283-0.7656i	-5.1251+0.4520i	5.8554-0.9393i
36.4	0.0431-0.0039i	-0.0306+0.0742i	-0.0011+0.0212i	0.0071+0.0312i	-2.1521+0.1916i	4.1466-0.7633i	-5.2012+0.5014i	5.8499-0.9466i
36.5	0.0461-0.0035i	-0.0404+0.0728i	-0.0037+0.0206i	0.0046+0.0306i	-2.1614+0.1793i	4.1789-0.9686i	-5.2510+0.5474i	5.9099-1.0837i
36.6	0.0446-0.0095i	-0.0404+0.0775i	-0.0044+0.0198i	0.0045+0.0305i	-2.1245+0.1704i	4.0845-0.9414i	-5.2492+0.4994i	5.8849-1.0476i
36.7	0.0396-0.0183i	-0.0383+0.0929i	-0.0048+0.0224i	0.0039+0.0328i	-2.2526+0.2351i	4.0020-0.9060i	-5.2668+0.4920i	5.7779-1.0175i
36.8	0.0378-0.0217i	-0.0420+0.0971i	-0.0077+0.0226i	0.0023+0.0332i	-2.2002+0.1524i	3.9973-1.0461i	-5.2717+0.5525i	5.8104-1.1429i
36.9	0.0414-0.0189i	-0.0445+0.1032i	-0.0086+0.0260i	0.0018+0.0366i	-2.0705+0.2001i	3.8428-1.0211i	-5.2080+0.5916i	5.7210-1.1235i
37.0	0.0393-0.0244i	-0.0437+0.1101i	-0.0087+0.0268i	0.0021+0.0374i	-1.9655+0.2234i	3.8111-1.0636i	-5.1814+0.6043i	5.6995-1.1655i
37.1	0.0302-0.0332i	-0.0333+0.1211i	-0.0087+0.0273i	0.0034+0.0384i	-1.9653+0.3562i	3.6980-1.1532i	-5.1591+0.6135i	5.6401-1.2424i

37.2	0.0315-0.0336i	-0.0284+0.1240i	-0.0074+0.0289i	0.0066+0.0392i	-1.9398+0.3029i	3.6651-1.0514i	-5.1364+0.6305i	5.6722-1.1405i
37.3	0.0236-0.0457i	-0.0206+0.1429i	-0.0072+0.0307i	0.0073+0.0417i	-1.9065+0.3140i	3.4879-1.2880i	-5.0877+0.7090i	5.5672-1.3471i
37.4	0.0072-0.0528i	-0.0004+0.1545i	-0.0055+0.0326i	0.0091+0.0443i	-1.8010+0.3648i	3.3505-1.2527i	-5.0347+0.6458i	5.4572-1.3382i
37.5	0.0096-0.0599i	0.0046+0.1607i	-0.0043+0.0332i	0.0112+0.0432i	-1.6935+0.4010i	3.1431-1.2449i	-4.9339+0.6923i	5.3265-1.3460i
37.6	-0.0019-0.0609i	0.0172+0.1603i	-0.0040+0.0329i	0.0123+0.0416i	-1.6742+0.3538i	3.1359-1.2217i	-4.9444+0.6833i	5.3105-1.3187i
37.7	-0.0120-0.0721i	0.0250+0.1716i	-0.0043+0.0327i	0.0124+0.0418i	-1.6610+0.3014i	3.1589-1.3848i	-4.9771+0.7226i	5.3566-1.4243i
37.8	-0.0264-0.0664i	0.0388+0.1670i	-0.0052+0.0335i	0.0120+0.0419i	-1.5281+0.4121i	3.0830-1.4485i	-5.0000+0.7575i	5.3145-1.4855i
37.9	-0.0480-0.0689i	0.0610+0.1691i	-0.0054+0.0341i	0.0132+0.0404i	-1.5972+0.5461i	2.9476-1.5132i	-4.9828+0.7591i	5.2438-1.5692i
38.0	-0.0640-0.0543i	0.0764+0.1565i	-0.0060+0.0351i	0.0142+0.0410i	-1.6371+0.5112i	2.8564-1.5075i	-4.9775+0.7717i	5.1896-1.5172i
38.1	-0.0685-0.0505i	0.0798+0.1498i	-0.0064+0.0337i	0.0139+0.0388i	-1.6109+0.4373i	2.7970-1.3264i	-4.9137+0.6463i	5.1174-1.3787i
38.2	-0.0882-0.0386i	0.1071+0.1372i	-0.0040+0.0340i	0.0166+0.0377i	-1.5367+0.4010i	2.5941-1.2090i	-4.8479+0.6403i	4.9692-1.3044i
38.3	-0.0987-0.0274i	0.1159+0.1256i	-0.0044+0.0344i	0.0160+0.0366i	-1.5204+0.4397i	2.4883-1.2466i	-4.8492+0.6819i	4.9007-1.3145i
38.4	-0.1066-0.0131i	0.1219+0.1072i	-0.0040+0.0343i	0.0153+0.0343i	-1.4182+0.4054i	2.5131-1.0272i	-4.8735+0.5832i	4.9572-1.1407i
38.5	-0.1069-0.0034i	0.1191+0.0998i	-0.0051+0.0348i	0.0135+0.0346i	-1.4893+0.4233i	2.5344-1.0152i	-4.9327+0.6091i	4.9913-1.1270i
38.6	-0.1114+0.0177i	0.1218+0.0834i	-0.0062+0.0361i	0.0125+0.0353i	-1.4555+0.4409i	2.3750-1.0953i	-4.8741+0.6552i	4.9127-1.1725i
38.7	-0.1107+0.0284i	0.1188+0.0759i	-0.0072+0.0379i	0.0122+0.0364i	-1.3386+0.4311i	2.3196-1.1298i	-4.8711+0.7150i	4.8687-1.2066i
38.8	-0.1061+0.0397i	0.1127+0.0664i	-0.0079+0.0394i	0.0121+0.0366i	-1.2879+0.4624i	2.2932-1.1323i	-4.8585+0.7363i	4.8620-1.2256i
38.9	-0.0958+0.0525i	0.1032+0.0524i	-0.0079+0.0390i	0.0120+0.0347i	-1.3413+0.3471i	2.3444-0.9353i	-4.8372+0.6372i	4.8875-1.0374i
39.0	-0.0953+0.0600i	0.1012+0.0467i	-0.0086+0.0397i	0.0122+0.0355i	-1.4193+0.4385i	2.3473-1.0024i	-4.8375+0.6754i	4.9242-1.0910i
39.1	-0.0886+0.0712i	0.0982+0.0405i	-0.0071+0.0421i	0.0123+0.0359i	-1.3505+0.5337i	2.1909-0.9779i	-4.8044+0.7356i	4.8465-1.0949i
39.2	-0.0782+0.0751i	0.0908+0.0388i	-0.0061+0.0439i	0.0124+0.0360i	-1.1756+0.4820i	2.1005-0.9895i	-4.7582+0.7918i	4.7963-1.1139i
39.3	-0.0752+0.0832i	0.0888+0.0352i	-0.0051+0.0450i	0.0119+0.0368i	-1.1621+0.4642i	2.0603-1.0964i	-4.7516+0.8000i	4.7834-1.1799i
39.4	-0.0626+0.0922i	0.0825+0.0233i	-0.0022+0.0443i	0.0137+0.0356i	-1.0580+0.4498i	2.0354-1.0065i	-4.7062+0.7519i	4.8041-1.1398i
39.5	-0.0529+0.0920i	0.0742+0.0247i	-0.0019+0.0459i	0.0139+0.0358i	-0.9811+0.3718i	1.9210-0.9848i	-4.6617+0.7277i	4.7130-1.1183i
39.6	-0.0491+0.0912i	0.0693+0.0278i	-0.0018+0.0468i	0.0127+0.0360i	-0.8986+0.3822i	1.8671-0.9977i	-4.6352+0.7224i	4.6759-1.1191i
39.7	-0.0449+0.0981i	0.0680+0.0267i	-0.0001+0.0493i	0.0128+0.0372i	-0.8614+0.4339i	1.7920-0.9469i	-4.6093+0.7472i	4.6364-1.0646i
39.8	-0.0314+0.1075i	0.0631+0.0208i	0.0029+0.0509i	0.0152+0.0382i	-0.9455+0.4322i	1.6553-0.8814i	-4.5107+0.7302i	4.5348-1.0325i
39.9	-0.0154+0.1062i	0.0549+0.0202i	0.0062+0.0497i	0.0162+0.0374i	-0.8566+0.5231i	1.6452-0.9777i	-4.4892+0.7666i	4.5466-1.0999i
40.0	-0.0116+0.0978i	0.0485+0.0230i	0.0062+0.0481i	0.0145+0.0358i	-0.8123+0.4576i	1.7419-0.9989i	-4.5650+0.7407i	4.6189-1.0881i
40.1	-0.0013+0.0926i	0.0428+0.0256i	0.0081+0.0473i	0.0154+0.0347i	-0.8157+0.5156i	1.6344-0.9289i	-4.5374+0.7380i	4.5761-1.0228i
40.2	-0.0028+0.0884i	0.0442+0.0261i	0.0090+0.0455i	0.0146+0.0332i	-0.7628+0.4077i	1.5934-0.9917i	-4.4982+0.7357i	4.5624-1.0836i
40.3	-0.0006+0.0828i	0.0441+0.0283i	0.0102+0.0435i	0.0149+0.0322i	-0.7521+0.2104i	1.5333-0.9337i	-4.4082+0.6941i	4.5321-1.0518i
40.4	0.0048+0.0756i	0.0356+0.0333i	0.0092+0.0432i	0.0132+0.0315i	-0.8289+0.2500i	1.5412-0.8251i	-4.4961+0.6006i	4.5659-0.9499i
40.5	0.0065+0.0751i	0.0336+0.0304i	0.0083+0.0414i	0.0126+0.0297i	-0.7492+0.2946i	1.5907-0.7765i	-4.5338+0.5653i	4.5922-0.9177i
40.6	0.0047+0.0711i	0.0357+0.0328i	0.0087+0.0398i	0.0133+0.0296i	-0.5230+0.4203i	1.5074-0.7356i	-4.5020+0.5623i	4.5538-0.8864i
40.7	0.0044+0.0676i	0.0362+0.0342i	0.0089+0.0401i	0.0131+0.0298i	-0.5360+0.4003i	1.5145-0.6162i	-4.5605+0.4919i	4.6038-0.8145i
40.8	0.0055+0.0654i	0.0367+0.0358i	0.0097+0.0400i	0.0129+0.0304i	-0.5795+0.3259i	1.4971-0.7148i	-4.5888+0.5731i	4.6415-0.8693i
40.9	0.0052+0.0641i	0.0356+0.0378i	0.0096+0.0395i	0.0122+0.0308i	-0.5884+0.3553i	1.4804-0.6969i	-4.5697+0.5581i	4.5872-0.8499i
41.0	0.0039+0.0654i	0.0380+0.0408i	0.0097+0.0401i	0.0115+0.0320i	-0.6499+0.5644i	1.4847-0.6903i	-4.5612+0.5427i	4.5418-0.7850i
41.1	0.0072+0.0630i	0.0380+0.0378i	0.0106+0.0389i	0.0122+0.0301i	-0.6290+0.3142i	1.4350-0.6597i	-4.5690+0.5787i	4.5616-0.7616i
41.2	0.0079+0.0590i	0.0340+0.0362i	0.0101+0.0373i	0.0104+0.0282i	-0.6792+0.1952i	1.3395-0.6485i	-4.5643+0.5696i	4.5377-0.7809i
41.3	0.0057+0.0581i	0.0369+0.0362i	0.0103+0.0368i	0.0108+0.0289i	-0.5998+0.2934i	1.3404-0.7383i	-4.5587+0.6400i	4.5850-0.8682i
41.4	0.0051+0.0545i	0.0373+0.0340i	0.0098+0.0351i	0.0104+0.0284i	-0.5318+0.3858i	1.3522-0.7142i	-4.5548+0.6099i	4.6164-0.8575i
41.5	0.0072+0.0510i	0.0334+0.0331i	0.0087+0.0331i	0.0099+0.0272i	-0.5289+0.3619i	1.2954-0.6490i	-4.5319+0.5559i	4.5534-0.7754i
41.6	0.0069+0.0491i	0.0309+0.0346i	0.0084+0.0321i	0.0089+0.0269i	-0.5419+0.3503i	1.2167-0.6804i	-4.5281+0.5837i	4.5283-0.7611i
41.7	0.0047+0.0521i	0.0302+0.0330i	0.0077+0.0330i	0.0076+0.0277i	-0.4206+0.2924i	1.1653-0.6825i	-4.5346+0.5988i	4.5126-0.7977i
41.8	0.0061+0.0496i	0.0248+0.0322i	0.0057+0.0324i	0.0056+0.0266i	-0.4661+0.4104i	1.2398-0.6920i	-4.5736+0.5810i	4.5569-0.7589i
41.9	0.0075+0.0454i	0.0208+0.0319i	0.0052+0.0308i	0.0047+0.0259i	-0.4870+0.3432i	1.2281-0.5390i	-4.5674+0.5601i	4.5609-0.6546i
42.0	0.0033+0.0471i	0.0221+0.0344i	0.0044+0.0314i	0.0039+0.0269i	-0.5976+0.5151i	1.2113-0.5366i	-4.5333+0.5647i	4.6038-0.6547i
42.1	0.0030+0.0447i	0.0199+0.0349i	0.0034+0.0304i	0.0032+0.0268i	-0.5610+0.4379i	1.2159-0.5730i	-4.5413+0.5205i	4.6020-0.6788i
42.2	0.0020+0.0455i	0.0169+0.0354i	0.0019+0.0313i	0.0022+0.0275i	-0.4459+0.3449i	1.2363-0.5649i	-4.6182+0.5510i	4.6425-0.6615i
42.3	0.0017+0.0456i	0.0188+0.0368i	0.0031+0.0318i	0.0026+0.0278i	-0.4323+0.3588i	1.1152-0.5590i	-4.5718+0.5861i	4.5908-0.6746i
42.4	-0.0049+0.0402i	0.0185+0.0396i	0.0002+0.0313i	0.0005+0.0278i	-0.4556+0.3622i	1.1154-0.6053i	-4.5829+0.6147i	4.6235-0.6343i
42.5	-0.0037+0.0397i	0.0158+0.0423i	-0.0013+0.0319i	0.0005+0.0290i	-0.2976+0.4198i	1.1091-0.6072i	-4.5282+0.6410i	4.6147-0.6643i
42.6	-0.0042+0.0374i	0.0165+0.0434i	-0.0005+0.0310i	0.0006+0.0283i	-0.3193+0.4554i	1.0550-0.6172i	-4.4976+0.6347i	4.5685-0.6982i
42.7	-0.0062+0.0375i	0.0152+0.0418i	-0.0006+0.0305i	0.0001+0.0272i	-0.3555+0.4597i	1.0265-0.6140i	-4.4925+0.5976i	4.5533-0.6741i
42.8	-0.0093+0.0377i	0.0154+0.0403i	-0.0021+0.0295i	-0.0009+0.0269i	-0.2569+0.5546i	1.0436-0.6016i	-4.5263+0.5820i	4.6321-0.6237i
42.9	-0.0161+0.0390i	0.0140+0.0440i	-0.0053+0.0303i	-0.0030+0.0288i	-0.2159+0.4495i	1.0697-0.6182i	-4.5661+0.6129i	4.7129-0.6656i
43.0	-0.0193+0.0395i	0.0138+0.0440i	-0.0067+0.0311i	-0.0052+0.0283i	-0.1952+0.3747i	0.9872-0.6108i	-4.5730+0.5727i	4.6766-0.6772i
43.1	-0.0244+0.0430i	0.0144+0.0434i	-0.0078+0.0328i	-0.0072+0.0295i	-0.2524+0.3167i	0.9590-0.6999i	-4.5874+0.6183i	4.7142-0.6974i
43.2	-0.0169+0.0463i	0.0058+0.0422i	-0.0086+0.0334i	-0.0077+0.0301i	-0.2599+0.3459i	1.0562-0.6709i	-4.6246+0.6068i	4.8003-0.6875i
43.3	-0.0167+0.0373i	0.0040+0.0463i	-0.0088+0.0315i	-0.0088+0.0284i	-0.2120+0.4760i	0.9934-0.6939i	-4.6251+0.6018i	4.7808-0.6823i
43.4	-0.0331+0.0372i	0.0085+0.0497i	-0.0122+0.0328i	-0.0119+0.0299i	-0.2698+0.5016i	0.8824-0.6147i	-4.6156+0.5722i	4.7228-0.6197i

43.5	-0.0381+0.0462i	0.0091+0.0517i	-0.0145+0.0359i	-0.0128+0.0346i	-0.1923+0.4732i	0.9054-0.6376i	-4.6372+0.6428i	4.7889-0.6497i
43.6	-0.0350+0.0530i	0.0062+0.0488i	-0.0148+0.0378i	-0.0130+0.0357i	-0.1940+0.4780i	0.9056-0.7017i	-4.6502+0.7007i	4.8174-0.6991i
43.7	-0.0296+0.0548i	0.0013+0.0498i	-0.0144+0.0395i	-0.0138+0.0366i	-0.1308+0.5493i	0.9243-0.7579i	-4.6669+0.7290i	4.8443-0.7608i
43.8	-0.0327+0.0511i	0.0059+0.0542i	-0.0135+0.0392i	-0.0140+0.0367i	-0.1664+0.5310i	0.9467-0.7808i	-4.6958+0.7365i	4.8844-0.7972i
43.9	-0.0431+0.0533i	0.0055+0.0551i	-0.0172+0.0392i	-0.0171+0.0369i	-0.2265+0.5315i	0.8993-0.7721i	-4.7409+0.7318i	4.8629-0.7812i
44.0	-0.0419+0.0598i	0.0011+0.0551i	-0.0176+0.0416i	-0.0179+0.0390i	-0.1148+0.4853i	0.8037-0.6351i	-4.7001+0.6621i	4.7915-0.6552i
44.1	-0.0402+0.0630i	0.0026+0.0540i	-0.0170+0.0426i	-0.0176+0.0400i	-0.0493+0.5900i	0.7661-0.6018i	-4.7030+0.6656i	4.8270-0.6092i
44.2	-0.0497+0.0704i	-0.0018+0.0549i	-0.0226+0.0448i	-0.0230+0.0422i	-0.1591+0.6341i	0.7985-0.7039i	-4.7629+0.7155i	4.8739-0.6653i
44.3	-0.0458+0.0914i	-0.0093+0.0636i	-0.0231+0.0552i	-0.0237+0.0525i	-0.0587+0.6667i	0.7157-0.7414i	-4.7494+0.8889i	4.8394-0.6883i
44.4	-0.0278+0.0981i	-0.0037+0.0714i	-0.0144+0.0602i	-0.0153+0.0579i	0.0086+0.6802i	0.7243-0.7039i	-4.6726+0.8851i	4.9072-0.6454i
44.5	-0.0134+0.0814i	0.0012+0.0748i	-0.0078+0.0544i	-0.0088+0.0527i	0.1450+0.5341i	0.6739-0.6671i	-4.5583+0.8010i	4.9073-0.6137i
44.6	-0.0132+0.0698i	-0.0032+0.0739i	-0.0097+0.0510i	-0.0099+0.0497i	0.2024+0.5873i	0.6693-0.6604i	-4.5672+0.7626i	4.9105-0.6409i
44.7	-0.0165+0.0662i	0.0087+0.0824i	-0.0073+0.0525i	-0.0072+0.0514i	0.1292+0.6498i	0.6251-0.6248i	-4.5436+0.7215i	4.8836-0.6089i
44.8	-0.0203+0.0636i	0.0150+0.0672i	-0.0075+0.0460i	-0.0074+0.0450i	0.1118+0.5821i	0.5255-0.6254i	-4.4961+0.6649i	4.8913-0.6200i
44.9	-0.0283+0.0651i	0.0098+0.0638i	-0.0126+0.0448i	-0.0131+0.0445i	0.2195+0.5958i	0.5851-0.6526i	-4.6270+0.6634i	4.9362-0.6404i
45.0	-0.0379+0.0671i	0.0054+0.0636i	-0.0169+0.0459i	-0.0169+0.0451i	0.0939+0.5671i	0.5559-0.5964i	-4.6864+0.6556i	4.9245-0.5896i
45.1	-0.0403+0.0831i	-0.0018+0.0696i	-0.0196+0.0530i	-0.0198+0.0530i	0.0766+0.7077i	0.5590-0.6537i	-4.7236+0.7741i	4.9775-0.6216i
45.2	-0.0268+0.0885i	-0.0022+0.0705i	-0.0159+0.0554i	-0.0153+0.0553i	0.2937+0.6895i	0.5506-0.7041i	-4.6641+0.8449i	5.0204-0.6574i
45.3	-0.0219+0.0815i	-0.0055+0.0722i	-0.0151+0.0539i	-0.0144+0.0526i	0.2433+0.6151i	0.5939-0.6877i	-4.6829+0.8227i	5.1121-0.6349i
45.4	-0.0248+0.0769i	-0.0039+0.0818i	-0.0155+0.0558i	-0.0152+0.0534i	0.1768+0.4737i	0.5059-0.7002i	-4.6556+0.8273i	5.0677-0.6596i
45.5	-0.0343+0.0738i	-0.0007+0.0738i	-0.0176+0.0521i	-0.0178+0.0500i	0.1617+0.3210i	0.4184-0.7124i	-4.6369+0.8009i	5.0080-0.6688i
45.6	-0.0355+0.0826i	-0.0069+0.0794i	-0.0211+0.0564i	-0.0200+0.0543i	0.2117+0.5867i	0.4867-0.7150i	-4.7336+0.8577i	5.1177-0.6520i
45.7	-0.0316+0.0817i	-0.0025+0.0837i	-0.0183+0.0576i	-0.0176+0.0546i	0.2658+0.7579i	0.4980-0.7605i	-4.7165+0.8513i	5.1930-0.7395i
45.8	-0.0451+0.0915i	-0.0100+0.0780i	-0.0249+0.0591i	-0.0251+0.0583i	0.2264+0.8906i	0.5569-0.7517i	-4.8389+0.8608i	5.2656-0.7312i
45.9	-0.0426+0.1075i	-0.0138+0.0851i	-0.0273+0.0676i	-0.0249+0.0666i	0.3340+0.8307i	0.4765-0.7584i	-4.7693+0.9531i	5.2342-0.6944i
46.0	-0.0233+0.1112i	-0.0115+0.0908i	-0.0195+0.0710i	-0.0171+0.0694i	0.3843+0.9103i	0.4643-0.7481i	-4.7093+0.9656i	5.2638-0.7292i
46.1	-0.0195+0.1076i	-0.0174+0.0977i	-0.0214+0.0720i	-0.0190+0.0702i	0.2860+0.8492i	0.5103-0.7301i	-4.8056+0.9281i	5.3524-0.7064i
46.2	-0.0176+0.1113i	-0.0063+0.1182i	-0.0176+0.0804i	-0.0160+0.0777i	0.3857+0.8206i	0.4844-0.7600i	-4.7431+1.0393i	5.3881-0.7312i
46.3	-0.0233+0.1030i	0.0085+0.1096i	-0.0140+0.0737i	-0.0130+0.0711i	0.6111+0.6766i	0.4478-0.8298i	-4.6968+1.0151i	5.4379-0.8286i
46.4	-0.0426+0.1270i	-0.0039+0.1096i	-0.0235+0.0824i	-0.0212+0.0796i	0.5653+0.6450i	0.5360-0.8181i	-4.8743+1.0764i	5.5326-0.8001i
46.5	-0.0038+0.1416i	0.0111+0.1212i	-0.0053+0.0931i	-0.0046+0.0888i	0.6882+0.8153i	0.5189-0.8821i	-4.6996+1.2317i	5.5432-0.8158i
46.6	0.0213+0.1134i	0.0301+0.1034i	0.0084+0.0772i	0.0070+0.0728i	0.7176+0.7278i	0.4206-0.9328i	-4.5408+1.1118i	5.5136-0.8590i
46.7	0.0165+0.1020i	0.0215+0.0916i	0.0053+0.0686i	0.0038+0.0659i	0.6927+0.6337i	0.4187-0.9057i	-4.5685+1.0090i	5.5871-0.9202i
46.8	0.0118+0.0823i	0.0157+0.0847i	0.0030+0.0620i	0.0014+0.0604i	0.7716+0.6999i	0.4160-0.9516i	-4.6353+0.9566i	5.6554-1.0261i
46.9	-0.0037+0.0829i	0.0098+0.0883i	-0.0076+0.0626i	-0.0074+0.0593i	0.6462+0.7587i	0.4168-0.9474i	-4.7372+0.9476i	5.6606-1.0017i
47.0	-0.0108+0.1078i	-0.0016+0.1024i	-0.0135+0.0758i	-0.0123+0.0719i	0.7034+0.8610i	0.3996-0.9434i	-4.8149+1.0711i	5.6822-1.0181i
47.1	0.0212+0.1043i	0.0125+0.1058i	0.0015+0.0777i	0.0013+0.0730i	0.8392+0.8255i	0.3366-0.9894i	-4.6757+1.1065i	5.6374-1.0573i
47.2	0.0285+0.0732i	0.0183+0.0967i	0.0061+0.0614i	0.0049+0.0581i	0.7897+0.8271i	0.3613-0.9863i	-4.6682+0.9507i	5.7399-1.0348i
47.3	0.0074+0.0637i	0.0048+0.0941i	-0.0060+0.0581i	-0.0079+0.0545i	0.8110+0.8820i	0.3762-0.9974i	-4.7532+0.9262i	5.8014-1.1016i
47.4	-0.0148+0.0649i	-0.0058+0.0934i	-0.0160+0.0606i	-0.0179+0.0567i	0.8541+0.8352i	0.3349-1.0465i	-4.8291+1.0009i	5.7954-1.1681i
47.5	-0.0239+0.0800i	-0.0130+0.1017i	-0.0201+0.0673i	-0.0217+0.0637i	0.6773+0.7797i	0.2685-1.0470i	-4.8330+1.0283i	5.7854-1.1883i
47.6	-0.0244+0.0964i	-0.0171+0.1162i	-0.0207+0.0778i	-0.0223+0.0734i	0.6996+0.7705i	0.3181-1.0880i	-4.8932+1.0914i	5.9220-1.1949i
47.7	-0.0130+0.1075i	-0.0150+0.1286i	-0.0154+0.0843i	-0.0182+0.0811i	0.8748+0.9189i	0.2697-1.1967i	-4.8461+1.2132i	5.9599-1.3041i
47.8	0.0088+0.1002i	-0.0068+0.1302i	-0.0062+0.0824i	-0.0096+0.0791i	0.9754+0.9866i	0.3107-1.1881i	-4.7901+1.2132i	6.0022-1.3060i
47.9	0.0146+0.0902i	0.0012+0.1335i	-0.0054+0.0800i	-0.0079+0.0781i	1.1457+1.0568i	0.2527-1.2910i	-4.7658+1.2844i	6.0020-1.4664i
48.0	0.0074+0.0916i	0.0047+0.1369i	-0.0061+0.0813i	-0.0088+0.0780i	1.1190+1.0006i	0.1867-1.3572i	-4.7799+1.2714i	5.9803-1.5390i
48.1	0.0142+0.0811i	0.0069+0.1393i	-0.0019+0.0770i	-0.0050+0.0752i	1.0983+0.8709i	0.1497-1.3289i	-4.7184+1.1722i	5.9577-1.5428i
48.2	-0.0025+0.0695i	-0.0001+0.1410i	-0.0079+0.0749i	-0.0119+0.0727i	1.0261+0.9644i	0.0386-1.3913i	-4.7064+1.1977i	5.9266-1.6253i
48.3	-0.0153+0.0734i	-0.0030+0.1494i	-0.0105+0.0820i	-0.0161+0.0791i	1.1559+0.8408i	-0.0375-1.4097i	-4.7065+1.2768i	5.8996-1.6496i
48.4	-0.0096+0.0752i	0.0118+0.1566i	-0.0040+0.0843i	-0.0099+0.0820i	1.3138+0.8035i	-0.0190-1.4441i	-4.6817+1.2942i	5.9257-1.6772i
48.5	-0.0132+0.0691i	0.0219+0.1533i	-0.0017+0.0798i	-0.0074+0.0791i	1.2874+0.8624i	-0.0357-1.4174i	-4.6958+1.2557i	5.9771-1.6767i
48.6	-0.0216+0.0706i	0.0204+0.1493i	-0.0057+0.0783i	-0.0104+0.0780i	1.1935+0.9762i	-0.0797-1.4070i	-4.7410+1.2379i	6.0130-1.6973i
48.7	-0.0325+0.0752i	0.0143+0.1570i	-0.0117+0.0823i	-0.0154+0.0818i	1.1184+0.9998i	-0.0975-1.4454i	-4.8162+1.2746i	6.0519-1.7655i
48.8	-0.0342+0.0954i	0.0179+0.1801i	-0.0100+0.0977i	-0.0157+0.0961i	1.2958+0.9478i	-0.0508-1.4821i	-4.8583+1.3583i	6.1512-1.8059i
48.9	-0.0182+0.0949i	0.0346+0.1850i	0.0001+0.0993i	-0.0076+0.0980i	1.3192+0.7712i	-0.1047-1.5011i	-4.7880+1.3635i	6.0879-1.8205i
49.0	-0.0168+0.0760i	0.0508+0.1744i	0.0066+0.0868i	-0.0001+0.0881i	1.6155+0.8439i	-0.2622-1.5570i	-4.6260+1.2764i	5.9993-1.9110i
49.1	-0.0251+0.0760i	0.0558+0.1742i	0.0065+0.0869i	-0.0012+0.0893i	1.6317+0.7915i	-0.2821-1.5316i	-4.6844+1.2102i	6.0261-1.8904i
49.2	-0.0517+0.0573i	0.0512+0.1595i	-0.0039+0.0770i	-0.0091+0.0790i	1.6642+0.8719i	-0.3432-1.5000i	-4.6829+1.0523i	5.9973-1.8366i
49.3	-0.0672+0.0699i	0.0472+0.1589i	-0.0124+0.0789i	-0.0159+0.0798i	1.6356+0.8695i	-0.3567-1.5378i	-4.7235+1.1420i	6.1114-1.9264i
49.4	-0.0680+0.0919i	0.0494+0.1624i	-0.0132+0.0909i	-0.0183+0.0911i	1.5658+0.7309i	-0.3328-1.5658i	-4.8173+1.2446i	6.1922-1.9995i
49.5	-0.0522+0.0980i	0.0567+0.1655i	-0.0019+0.0959i	-0.0085+0.0982i	1.6690+0.8577i	-0.3169-1.5076i	-4.7691+1.2431i	6.2068-2.0337i
49.6	-0.0617+0.0907i	0.0568+0.1610i	0.0024+0.0923i	-0.0031+0.0953i	1.8121+0.8684i	-0.3234-1.5907i	-4.7606+1.2695i	6.2439-2.1655i
49.7	-0.0559+0.0990i	0.0682+0.1609i	-0.0011+0.0963i	-0.0065+0.0991i	1.6957+0.8260i	-0.3684-1.6751i	-4.8012+1.3066i	6.2989-2.2301i

49.8	-0.0579+0.1245i	0.0703+0.1727i	-0.0044+0.1045i	-0.0100+0.1069i	1.6472+0.8766i	-0.3628-1.6060i	-4.8799+1.3302i	6.3523-2.2426i
49.9	-0.0505+0.1308i	0.0778+0.1728i	0.0060+0.1054i	-0.0008+0.1099i	1.7903+0.7628i	-0.4813-1.7500i	-4.8201+1.4176i	6.2863-2.3465i
50.0	-0.0499+0.1252i	0.0747+0.1757i	0.0025+0.1007i	-0.0043+0.1050i	1.9334+0.9556i	-0.4496-1.7773i	-4.7756+1.3717i	6.3065-2.4185i
50.1	-0.0524+0.1282i	0.0764+0.1799i	0.0019+0.1060i	-0.0050+0.1077i	1.9180+0.8534i	-0.6108-1.8087i	-4.8224+1.3507i	6.3763-2.4047i
50.2	-0.0435+0.1342i	0.0911+0.1739i	0.0104+0.1052i	0.0038+0.1079i	1.8902+0.9281i	-0.6298-1.9396i	-4.8374+1.3563i	6.4519-2.5751i
50.3	-0.0350+0.1478i	0.1006+0.1741i	0.0181+0.1056i	0.0117+0.1116i	2.0293+0.7901i	-0.6550-1.8164i	-4.7441+1.3968i	6.4441-2.5553i
50.4	-0.0215+0.1454i	0.1179+0.1716i	0.0287+0.1027i	0.0229+0.1113i	2.0819+0.7094i	-0.6548-1.8031i	-4.6902+1.3695i	6.4666-2.5748i
50.5	-0.0195+0.1318i	0.1232+0.1589i	0.0297+0.0963i	0.0253+0.1037i	2.0414+0.7147i	-0.6408-1.9469i	-4.7635+1.3608i	6.5624-2.7372i
50.6	-0.0245+0.1384i	0.1159+0.1587i	0.0236+0.0996i	0.0199+0.1079i	1.9856+0.6761i	-0.6888-2.0687i	-4.7905+1.4326i	6.6010-3.0144i
50.7	-0.0149+0.1387i	0.1294+0.1612i	0.0314+0.1003i	0.0296+0.1084i	2.1532+0.6424i	-0.7199-2.0346i	-4.7291+1.3944i	6.5511-3.0234i
50.8	-0.0121+0.1254i	0.1377+0.1453i	0.0318+0.0901i	0.0301+0.0973i	2.1913+0.7098i	-0.7618-2.0476i	-4.7053+1.3123i	6.5637-3.0545i
50.9	-0.0096+0.1206i	0.1366+0.1278i	0.0316+0.0841i	0.0297+0.0912i	2.1008+0.6569i	-0.8283-2.0999i	-4.6958+1.2394i	6.5224-3.2198i
51.0	-0.0140+0.1076i	0.1319+0.1146i	0.0287+0.0778i	0.0288+0.0845i	2.1533+0.5289i	-0.8651-2.1408i	-4.7485+1.1578i	6.5621-3.2800i
51.1	-0.0370+0.1079i	0.1225+0.1131i	0.0205+0.0772i	0.0192+0.0817i	2.0920+0.4371i	-0.8318-2.1992i	-4.9096+1.1649i	6.6722-3.3632i
51.2	-0.0461+0.1354i	0.1176+0.1237i	0.0143+0.0889i	0.0108+0.0941i	2.0321+0.5362i	-0.9105-2.3073i	-4.9542+1.2967i	6.6817-3.6006i
51.3	-0.0267+0.1315i	0.1249+0.1162i	0.0226+0.0878i	0.0201+0.0946i	2.2696+0.5075i	-0.9434-2.3513i	-4.9128+1.3012i	6.6297-3.6558i
51.4	-0.0124+0.1233i	0.1343+0.1069i	0.0265+0.0817i	0.0251+0.0889i	2.3565+0.5743i	-0.8731-2.4106i	-4.9387+1.2764i	6.6554-3.8142i
51.5	-0.0152+0.1033i	0.1310+0.0949i	0.0244+0.0686i	0.0239+0.0756i	2.4949+0.5382i	-1.0214-2.4985i	-4.9712+1.2293i	6.6186-4.0788i
51.6	-0.0482+0.1035i	0.1134+0.0912i	0.0079+0.0672i	0.0077+0.0719i	2.4899+0.4859i	-1.1433-2.5337i	-5.1363+1.2125i	6.4863-4.2028i
51.7	-0.0639+0.1321i	0.1012+0.1053i	0.0034+0.0827i	0.0006+0.0866i	2.3965+0.4756i	-1.2441-2.5285i	-5.1821+1.2720i	6.3476-4.2176i
51.8	-0.0517+0.1403i	0.1100+0.1078i	0.0111+0.0864i	0.0079+0.0919i	2.3440+0.4449i	-1.3351-2.6288i	-5.1552+1.3421i	6.3617-4.3458i
51.9	-0.0452+0.1344i	0.1192+0.0977i	0.0141+0.0805i	0.0118+0.0877i	2.3531+0.5812i	-1.4747-2.6650i	-5.1463+1.3271i	6.3055-4.4772i
52.0	-0.0536+0.1311i	0.1164+0.0912i	0.0108+0.0783i	0.0082+0.0841i	2.3659+0.4592i	-1.5070-2.6793i	-5.2213+1.3221i	6.2908-4.4899i
52.1	-0.0650+0.1442i	0.1042+0.0917i	0.0022+0.0833i	-0.0016+0.0878i	2.2805+0.4970i	-1.5465-2.7628i	-5.3870+1.3971i	6.2332-4.6353i
52.2	-0.0586+0.1544i	0.1016+0.0941i	0.0050+0.0864i	-0.0005+0.0928i	2.2763+0.4976i	-1.6667-2.9013i	-5.3961+1.4940i	6.1418-4.8962i
52.3	-0.0499+0.1573i	0.0998+0.0947i	0.0068+0.0875i	0.0028+0.0959i	2.3687+0.4821i	-1.8438-2.8664i	-5.3368+1.4934i	5.9471-4.9347i
52.4	-0.0463+0.1480i	0.1013+0.0889i	0.0080+0.0821i	0.0042+0.0901i	2.5830+0.3707i	-1.8852-2.8855i	-5.3159+1.4934i	6.0126-4.9528i
52.5	-0.0554+0.1462i	0.0968+0.0823i	0.0034+0.0790i	0.0002+0.0865i	2.4580+0.2786i	-2.0329-3.0085i	-5.3469+1.5031i	5.8869-5.2474i
52.6	-0.0557+0.1538i	0.0931+0.0844i	0.0015+0.0832i	-0.0026+0.0895i	2.4989+0.3972i	-2.1670-3.0624i	-5.3485+1.5563i	5.6984-5.3823i
52.7	-0.0449+0.1368i	0.0958+0.0729i	0.0055+0.0736i	0.0023+0.0804i	2.4862+0.3444i	-2.2744-2.9854i	-5.3323+1.4554i	5.5307-5.3979i
52.8	-0.0700+0.1295i	0.0770+0.0689i	-0.0095+0.0697i	-0.0132+0.0759i	2.5391+0.1882i	-2.3555-2.9398i	-5.4918+1.3351i	5.4266-5.4049i
52.9	-0.0932+0.1549i	0.0607+0.0825i	-0.0219+0.0836i	-0.0276+0.0907i	2.5416+0.3497i	-2.4467-2.9343i	-5.5966+1.4102i	5.3307-5.3890i
53.0	-0.0843+0.1795i	0.0608+0.0972i	-0.0190+0.0972i	-0.0245+0.1053i	2.4838+0.3783i	-2.5797-2.9909i	-5.6614+1.5650i	5.2383-5.5026i
53.1	-0.0756+0.1813i	0.0609+0.1000i	-0.0166+0.0976i	-0.0218+0.1083i	2.5889+0.2679i	-2.6158-3.0773i	-5.7486+1.6518i	5.1824-5.6746i
53.2	-0.0781+0.1832i	0.0575+0.1047i	-0.0189+0.0988i	-0.0236+0.1108i	2.5852+0.4465i	-2.8263-3.0089i	-5.7504+1.6652i	4.9323-5.7303i
53.3	-0.0779+0.2045i	0.0581+0.1211i	-0.0177+0.1105i	-0.0242+0.1238i	2.5855+0.4672i	-2.9731-3.0335i	-5.7587+1.7713i	4.7855-5.7661i
53.4	-0.0733+0.1971i	0.0655+0.1190i	-0.0144+0.1082i	-0.0207+0.1203i	2.6256+0.3255i	-3.0803-3.0222i	-5.8021+1.7348i	4.6314-5.8156i
53.5	-0.0759+0.1961i	0.0695+0.1154i	-0.0141+0.1057i	-0.0199+0.1201i	2.6302+0.3434i	-3.2011-3.0052i	-5.8163+1.7750i	4.5044-5.8241i
53.6	-0.0761+0.1913i	0.0661+0.1027i	-0.0152+0.0994i	-0.0211+0.1160i	2.5901+0.3702i	-3.3762-3.0239i	-5.8870+1.7811i	4.2733-5.9067i
53.7	-0.0953+0.1859i	0.0495+0.1022i	-0.0280+0.0973i	-0.0324+0.1147i	2.5456+0.2921i	-3.5130-3.0382i	-6.0152+1.8039i	4.1096-5.9250i
53.8	-0.1099+0.1830i	0.0443+0.1059i	-0.0360+0.0974i	-0.0380+0.1162i	2.5565+0.3866i	-3.6759-2.9469i	-6.0527+1.8402i	3.8718-5.7679i
53.9	-0.1516+0.2132i	0.0174+0.1191i	-0.0584+0.1113i	-0.0633+0.1319i	2.4759+0.3733i	-3.8011-2.7960i	-6.2879+1.9624i	3.6545-5.5681i
54.0	-0.1538+0.2818i	0.0152+0.1612i	-0.0595+0.1487i	-0.0651+0.1712i	2.4987+0.4531i	-3.8401-2.7751i	-6.4031+2.3414i	3.6734-5.5182i
54.1	-0.1146+0.3199i	0.0389+0.1878i	-0.0387+0.1704i	-0.0428+0.1954i	2.6522+0.3784i	-3.8467-2.8048i	-6.3380+2.5868i	3.6967-5.5598i
54.2	-0.0729+0.2910i	0.0651+0.1675i	-0.0179+0.1518i	-0.0157+0.1805i	2.7128+0.4469i	-4.0805-2.7358i	-6.1317+2.5119i	3.4376-5.6888i
54.3	-0.1070+0.2900i	0.0480+0.1627i	-0.0371+0.1512i	-0.0320+0.1777i	2.6492+0.6043i	-4.2226-2.6665i	-6.2391+2.6091i	3.3868-5.5823i
54.4	-0.1095+0.3447i	0.0418+0.1917i	-0.0419+0.1795i	-0.0333+0.2058i	2.5689+0.5498i	-4.2280-2.6142i	-6.3135+2.8952i	3.4313-5.4180i
54.5	-0.0841+0.3839i	0.0563+0.2149i	-0.0295+0.2010i	-0.0179+0.2284i	2.7084+0.6563i	-4.2718-2.5583i	-6.2632+3.1386i	3.3758-5.3990i
54.6	-0.0341+0.4019i	0.0824+0.2253i	-0.0054+0.2102i	0.0107+0.2403i	2.9142+0.8265i	-4.4077-2.5975i	-6.0434+3.3739i	3.2425-5.6226i
54.7	0.0192+0.3685i	0.1157+0.2084i	0.0223+0.1944i	0.0441+0.2222i	3.0250+0.8398i	-4.5031-2.5781i	-5.7681+3.2852i	3.1410-5.6648i
54.8	-0.0120+0.3216i	0.1076+0.1725i	0.0090+0.1686i	0.0323+0.1910i	3.2477+0.7387i	-4.5829-2.5050i	-5.8199+3.0838i	2.9126-5.5557i
54.9	-0.0495+0.3711i	0.0787+0.1851i	-0.0144+0.1905i	0.0086+0.2121i	3.1271+0.7999i	-4.6854-2.4175i	-5.9652+3.2781i	2.7703-5.4426i
55.0	-0.0003+0.4237i	0.0922+0.2183i	0.0063+0.2215i	0.0325+0.2399i	3.1892+0.9055i	-4.8269-2.4077i	-5.6328+3.5518i	2.5868-5.5389i
55.1	0.0452+0.4154i	0.1120+0.2201i	0.0289+0.2210i	0.0571+0.2357i	3.5038+0.7573i	-4.9188-2.3471i	-5.3991+3.5383i	2.4704-5.5320i
55.2	0.0636+0.3950i	0.1220+0.2102i	0.0388+0.2122i	0.0666+0.2241i	3.6341+0.6848i	-5.0734-2.3239i	-5.2345+3.4708i	2.3596-5.4752i
55.3	0.0834+0.3725i	0.1291+0.2038i	0.0481+0.2034i	0.0765+0.2100i	3.6834+0.7052i	-5.2411-2.1678i	-5.1634+3.2598i	2.0659-5.2365i
55.4	0.1085+0.3446i	0.1451+0.1919i	0.0626+0.1897i	0.0901+0.1950i	3.6142+0.6456i	-5.3815-2.0666i	-5.0501+3.1061i	1.7968-5.1115i
55.5	0.0832+0.3217i	0.1285+0.1764i	0.0480+0.1778i	0.0759+0.1814i	3.5216+0.7671i	-5.4343-1.9432i	-5.1525+2.9255i	1.7326-4.8830i
55.6	0.0603+0.3542i	0.1107+0.1984i	0.0355+0.1968i	0.0627+0.2003i	3.5722+0.7394i	-5.4924-1.8565i	-5.3330+3.0673i	1.7249-4.6816i
55.7	0.0911+0.3698i	0.1278+0.2174i	0.0528+0.2071i	0.0786+0.2104i	3.6860+0.6244i	-5.5778-1.7802i	-5.1727+3.1169i	1.7317-4.4753i
55.8	0.1147+0.3599i	0.1446+0.2161i	0.0669+0.2038i	0.0917+0.2055i	3.7965+0.4237i	-5.6682-1.6793i	-5.0524+3.0584i	1.7337-4.2579i
55.9	0.1250+0.3435i	0.1533+0.2090i	0.0739+0.1960i	0.0980+0.1981i	3.8680+0.5421i	-5.6954-1.5264i	-5.1275+2.9119i	1.7576-4.0641i
56.0	0.1169+0.3194i	0.1481+0.1945i	0.0692+0.1830i	0.0917+0.1844i	3.8195+0.6878i	-5.7249-1.3847i	-5.2531+2.7926i	1.7583-3.9106i

56.1	0.0823+0.3314i	0.1288+0.2012i	0.0519+0.1912i	0.0734+0.1906i	3.8616+0.6146i	-5.7030-1.3204i	-5.4318+2.8888i	1.8349-3.7775i
56.2	0.1074+0.3590i	0.1464+0.2222i	0.0665+0.2072i	0.0879+0.2069i	4.0714+0.5182i	-5.7764-1.3208i	-5.3477+3.0711i	1.8815-3.7987i
56.3	0.1326+0.3535i	0.1653+0.2237i	0.0801+0.2065i	0.1025+0.2054i	3.9854+0.4994i	-5.8622-1.2800i	-5.2817+3.0200i	1.9690-3.7131i
56.4	0.1409+0.3462i	0.1765+0.2206i	0.0857+0.2032i	0.1098+0.2002i	4.0692+0.4940i	-5.8819-1.1596i	-5.3148+2.9534i	2.0587-3.5170i
56.5	0.1433+0.3398i	0.1794+0.2182i	0.0887+0.1989i	0.1116+0.1951i	4.1524+0.4889i	-5.8736-1.1346i	-5.3326+2.9784i	2.2149-3.4636i
56.6	0.1527+0.3288i	0.1890+0.2101i	0.0941+0.1933i	0.1165+0.1891i	4.0747+0.5908i	-5.8963-1.0332i	-5.3273+2.8828i	2.3656-3.3327i
56.7	0.1571+0.3211i	0.1917+0.2048i	0.0967+0.1904i	0.1177+0.1853i	4.2251+0.5006i	-5.9104-0.9110i	-5.3909+2.8147i	2.3424-3.2179i
56.8	0.1576+0.3210i	0.1993+0.2045i	0.0978+0.1906i	0.1186+0.1837i	4.2952+0.6307i	-5.9282-0.9173i	-5.4345+2.9059i	2.4206-3.2585i
56.9	0.1659+0.3125i	0.2054+0.2001i	0.1040+0.1840i	0.1242+0.1788i	4.4131+0.6422i	-6.0149-0.9011i	-5.3903+2.8887i	2.5275-3.2696i
57.0	0.1653+0.2976i	0.2047+0.1926i	0.1047+0.1767i	0.1239+0.1697i	4.4275+0.5380i	-6.0121-0.8677i	-5.5037+2.8095i	2.5891-3.1514i
57.1	0.1579+0.2807i	0.2023+0.1785i	0.1002+0.1669i	0.1204+0.1588i	4.3499+0.4487i	-5.9540-0.7503i	-5.6693+2.7815i	2.6481-3.0154i
57.2	0.1251+0.2932i	0.1813+0.1815i	0.0811+0.1731i	0.1007+0.1636i	4.2867+0.2322i	-6.0264-0.6680i	-5.8474+2.8997i	2.7379-3.0990i
57.3	0.1242+0.3258i	0.1826+0.2088i	0.0817+0.1951i	0.1006+0.1839i	4.4847+0.1641i	-6.0951-0.6326i	-5.8963+3.0192i	2.8471-3.1478i
57.4	0.1454+0.3297i	0.1975+0.2140i	0.0954+0.1981i	0.1134+0.1871i	4.6238+0.2035i	-6.1506-0.6104i	-5.8267+3.0342i	2.8982-3.1603i
57.5	0.1609+0.3293i	0.2113+0.2126i	0.1062+0.1979i	0.1228+0.1863i	4.7669+0.2255i	-6.2187-0.6015i	-5.8217+3.1131i	2.9549-3.2284i
57.6	0.1639+0.3301i	0.2150+0.2136i	0.1071+0.1979i	0.1236+0.1866i	4.8644+0.2553i	-6.2423-0.5530i	-5.8818+3.0911i	3.0293-3.1511i
57.7	0.1702+0.3252i	0.2202+0.2090i	0.1104+0.1944i	0.1272+0.1829i	4.8251+0.2157i	-6.2690-0.5170i	-5.9611+3.0991i	3.1283-3.1690i
57.8	0.1770+0.3224i	0.2237+0.2073i	0.1139+0.1933i	0.1297+0.1814i	4.9201+0.2588i	-6.3399-0.5221i	-5.9203+3.1440i	3.0657-3.2595i
57.9	0.1738+0.3232i	0.2230+0.2075i	0.1108+0.1940i	0.1270+0.1809i	5.1659+0.2744i	-6.4147-0.4527i	-6.0578+3.1784i	3.1557-3.2903i
58.0	0.1778+0.3240i	0.2263+0.2064i	0.1125+0.1933i	0.1300+0.1803i	5.0969+0.1344i	-6.4431-0.4438i	-6.1234+3.2793i	3.2163-3.3042i
58.1	0.1852+0.3237i	0.2327+0.2071i	0.1196+0.1938i	0.1355+0.1819i	5.0806+0.1002i	-6.4552-0.3940i	-6.1120+3.2663i	3.2472-3.2964i
58.2	0.1900+0.3195i	0.2365+0.2058i	0.1224+0.1936i	0.1384+0.1802i	5.1569+0.0346i	-6.5067-0.4058i	-6.2162+3.3350i	3.3168-3.3560i
58.3	0.1884+0.3256i	0.2362+0.2077i	0.1204+0.1964i	0.1368+0.1816i	5.3571+0.0804i	-6.7453-0.3913i	-6.2073+3.4453i	3.2780-3.5189i
58.4	0.1903+0.3268i	0.2402+0.2137i	0.1220+0.1996i	0.1371+0.1841i	5.4849+0.0498i	-6.7673-0.2871i	-6.3073+3.4709i	3.3057-3.4981i
58.5	0.1891+0.3246i	0.2442+0.2122i	0.1227+0.1981i	0.1383+0.1830i	5.5410-0.0215i	-6.8381-0.2850i	-6.4001+3.4774i	3.3700-3.5170i
58.6	0.1860+0.3372i	0.2443+0.2173i	0.1214+0.2046i	0.1363+0.1887i	5.5990+0.0256i	-6.8805-0.1858i	-6.4705+3.5867i	3.3226-3.5975i
58.7	0.1988+0.3483i	0.2555+0.2268i	0.1287+0.2128i	0.1434+0.1962i	5.6037+0.0680i	-6.9430-0.1302i	-6.5121+3.7092i	3.2993-3.5916i
58.8	0.2106+0.3457i	0.2674+0.2295i	0.1366+0.2162i	0.1505+0.1968i	5.7652-0.1352i	-7.0189-0.1262i	-6.5320+3.8245i	3.3531-3.6388i
58.9	0.2160+0.3445i	0.2814+0.2304i	0.1442+0.2142i	0.1577+0.1958i	5.8265-0.0298i	-7.1197-0.1131i	-6.5539+3.9585i	3.4085-3.6830i
59.0	0.2234+0.3464i	0.2903+0.2326i	0.1492+0.2165i	0.1612+0.1964i	6.0485-0.2936i	-7.1961-0.0020i	-6.5450+4.0258i	3.3894-3.6903i
59.1	0.2305+0.3430i	0.2957+0.2277i	0.1549+0.2144i	0.1664+0.1935i	6.2585-0.3382i	-7.3127+0.0777i	-6.5035+4.0498i	3.3687-3.6954i
59.2	0.2320+0.3461i	0.3028+0.2284i	0.1579+0.2164i	0.1675+0.1945i	6.3692-0.4358i	-7.3585+0.1309i	-6.5650+4.1214i	3.3215-3.6737i
59.3	0.2395+0.3474i	0.3136+0.2292i	0.1635+0.2176i	0.1729+0.1952i	6.4268-0.4913i	-7.3804+0.1192i	-6.6413+4.2409i	3.2929-3.6389i
59.4	0.2482+0.3529i	0.3282+0.2262i	0.1720+0.2195i	0.1786+0.1965i	6.2661-0.6066i	-7.4808+0.2669i	-6.7479+4.4583i	3.3436-3.7818i
59.5	0.2547+0.3538i	0.3356+0.2236i	0.1772+0.2194i	0.1823+0.1960i	6.2341-0.6497i	-7.5470+0.2880i	-6.7378+4.5719i	3.3603-3.8578i
59.6	0.2557+0.3542i	0.3424+0.2173i	0.1791+0.2167i	0.1849+0.1936i	6.5589-0.4429i	-7.6998+0.3510i	-6.7837+4.5316i	3.4790-3.8402i
59.7	0.2652+0.3572i	0.3505+0.2145i	0.1844+0.2189i	0.1894+0.1938i	6.7995-0.7104i	-7.8039+0.4644i	-6.7728+4.6667i	3.4404-3.8978i
59.8	0.2749+0.3577i	0.3622+0.2152i	0.1936+0.2202i	0.1967+0.1948i	6.9119-0.8791i	-7.8155+0.5438i	-6.8649+4.6839i	3.4809-3.8174i
59.9	0.2730+0.3485i	0.3644+0.2025i	0.1936+0.2095i	0.1950+0.1813i	6.8441-1.7184i	-7.5780-0.3624i	-6.8158+4.9209i	3.1807-3.1455i
60.0	0.2738+0.3340i	0.3693+0.1784i	0.1952+0.1919i	0.1976+0.1618i	7.1418-3.0227i	-7.0920-1.5606i	-6.7964+5.1682i	2.6467-2.3679i
60.1	0.2931+0.3565i	0.3894+0.2034i	0.2101+0.2155i	0.2101+0.1907i	7.3733-1.3088i	-7.8062+0.5533i	-6.8979+5.1252i	3.2519-3.6979i
60.2	0.2988+0.3601i	0.3957+0.2067i	0.2143+0.2201i	0.2121+0.1964i	7.0683-1.0855i	-8.2335+0.8025i	-6.9052+5.2062i	3.6082-3.8778i
60.3	0.3079+0.3605i	0.4046+0.1958i	0.2210+0.2169i	0.2164+0.1927i	7.1281-1.3182i	-8.3384+0.9057i	-6.8487+5.3038i	3.5849-3.9653i
60.4	0.3175+0.3688i	0.4131+0.1908i	0.2273+0.2172i	0.2223+0.1933i	7.2625-1.3324i	-8.4405+1.0154i	-6.9198+5.3405i	3.6593-4.0331i
60.5	0.3253+0.3804i	0.4234+0.1919i	0.2342+0.2216i	0.2269+0.1979i	7.4299-1.3140i	-8.5290+1.0436i	-6.9902+5.4282i	3.7910-4.0848i
60.6	0.3378+0.3795i	0.4304+0.1857i	0.2410+0.2206i	0.2339+0.1969i	7.3912-1.5875i	-8.5904+1.1588i	-6.9132+5.5145i	3.6816-4.0856i
60.7	0.3573+0.3840i	0.4394+0.1809i	0.2506+0.2210i	0.2420+0.1981i	7.6519-1.7132i	-8.6116+1.3138i	-6.9020+5.7608i	3.5658-4.2767i
60.8	0.3709+0.3863i	0.4451+0.1805i	0.2581+0.2223i	0.2484+0.1992i	7.7507-1.6859i	-8.6740+1.4256i	-6.9390+5.8945i	3.5141-4.3815i
60.9	0.3895+0.3753i	0.4635+0.1749i	0.2719+0.2179i	0.2618+0.1934i	7.8769-1.7777i	-8.7446+1.5674i	-6.9473+6.0089i	3.4801-4.3192i
61.0	0.4029+0.3700i	0.4824+0.1735i	0.2807+0.2159i	0.2705+0.1913i	8.1029-1.8302i	-8.9187+1.5844i	-6.9700+6.1431i	3.5233-4.3559i
61.1	0.4154+0.3606i	0.4926+0.1643i	0.2905+0.2081i	0.2772+0.1856i	8.1008-1.9641i	-9.0568+1.6766i	-6.8578+6.2089i	3.5059-4.3264i
61.2	0.4252+0.3527i	0.5112+0.1465i	0.3013+0.2005i	0.2845+0.1789i	8.2921-2.1341i	-9.1782+1.7816i	-6.7994+6.4287i	3.4975-4.3138i
61.3	0.4301+0.3502i	0.5261+0.1361i	0.3073+0.1977i	0.2895+0.1772i	8.6020-2.2689i	-9.3432+1.7948i	-6.8624+6.5419i	3.5190-4.2594i
61.4	0.4398+0.3454i	0.5377+0.1239i	0.3152+0.1935i	0.2978+0.1718i	8.6061-2.5643i	-9.4388+2.0734i	-6.8224+6.6222i	3.5118-4.3383i
61.5	0.4478+0.3348i	0.5421+0.1080i	0.3207+0.1824i	0.3015+0.1630i	8.4919-2.7477i	-9.4601+2.2519i	-6.8228+6.8076i	3.5032-4.4193i
61.6	0.4593+0.3292i	0.5471+0.0946i	0.3262+0.1765i	0.3063+0.1585i	8.8513-2.9601i	-9.4946+2.2829i	-6.8092+6.9633i	3.5680-4.3340i
61.7	0.4666+0.3236i	0.5535+0.0808i	0.3318+0.1717i	0.3107+0.1540i	9.2460-3.2130i	-9.5648+2.3430i	-6.7325+7.1414i	3.4619-4.3013i
61.8	0.4790+0.3256i	0.5706+0.0615i	0.3423+0.1661i	0.3200+0.1497i	9.2481-3.4001i	-9.6960+2.7062i	-6.7822+7.2886i	3.5236-4.5802i
61.9	0.4858+0.3274i	0.5814+0.0509i	0.3474+0.1624i	0.3248+0.1482i	9.1623-3.5533i	-9.9355+2.8295i	-6.7829+7.5107i	3.6969-4.6569i
62.0	0.4941+0.3299i	0.5891+0.0416i	0.3542+0.1610i	0.3297+0.1467i	9.2481-3.8244i	-10.1093+2.8775i	-6.7573+7.6702i	3.6768-4.5497i
62.1	0.5100+0.3272i	0.6005+0.0209i	0.3628+0.1551i	0.3386+0.1400i	9.1047-4.0869i	-10.2589+3.0096i	-6.7496+7.8975i	3.8197-4.5969i
62.2	0.5210+0.3211i	0.5979+0.0081i	0.3671+0.1474i	0.3430+0.1340i	9.2787-4.2365i	-10.2863+3.1635i	-6.6025+8.0489i	3.8256-4.7285i
62.3	0.5342+0.3119i	0.6015-0.0088i	0.3730+0.1389i	0.3498+0.1267i	9.3387-4.7708i	-10.3085+3.2795i	-6.4052+8.3219i	3.8048-4.8248i

62.4	0.5506+0.3011i	0.6022−0.0297i	0.3797+0.1289i	0.3556+0.1188i	9.3662−4.9697i	−10.3402+3.5109i	−6.2935+8.4858i	3.7513−4.7789i
62.5	0.5655+0.2915i	0.6067−0.0464i	0.3873+0.1192i	0.3616+0.1115i	9.3794−5.1159i	−10.3763+3.7317i	−6.2635+8.6767i	3.7415−4.8565i
62.6	0.5799+0.2897i	0.6113−0.0594i	0.3932+0.1133i	0.3676+0.1076i	9.5928−5.3037i	−10.5087+3.9268i	−6.3254+8.7984i	3.8318−4.9067i
62.7	0.5945+0.2727i	0.6048−0.0850i	0.3988+0.0999i	0.3724+0.0954i	9.3845−5.7367i	−10.5700+4.2201i	−6.0596+8.9608i	3.8127−5.0334i
62.8	0.6084+0.2617i	0.6072−0.1002i	0.4039+0.0927i	0.3770+0.0890i	9.5741−6.0870i	−10.7586+4.3877i	−5.9114+9.0780i	3.9010−5.0567i
62.9	0.6090+0.2534i	0.6032−0.1072i	0.4036+0.0864i	0.3754+0.0852i	9.3968−5.9319i	−10.7100+4.4721i	−5.8185+9.0605i	3.8348−4.9643i
63.0	0.6310+0.2283i	0.5921−0.1340i	0.4071+0.0683i	0.3815+0.0697i	9.0387−6.4195i	−10.5318+4.7999i	−5.4934+9.4045i	3.6530−5.1662i
63.1	0.6490+0.2160i	0.5960−0.1501i	0.4156+0.0595i	0.3903+0.0606i	9.1885−6.9299i	−10.7021+4.9868i	−5.3582+9.5694i	3.7975−5.1751i
63.2	0.6615+0.2072i	0.5984−0.1633i	0.4216+0.0532i	0.3937+0.0546i	9.3096−7.3111i	−10.9814+5.3238i	−5.2262+9.6162i	3.8978−5.3912i
63.3	0.6778+0.1871i	0.5935−0.1850i	0.4273+0.0400i	0.3973+0.0411i	8.9466−7.7582i	−10.9518+5.6991i	−4.9131+9.7814i	3.8427−5.5665i
63.4	0.6906+0.1761i	0.5963−0.2006i	0.4316+0.0309i	0.4056+0.0333i	9.0460−8.0366i	−11.0610+5.8457i	−4.8017+10.0082i	3.9433−5.5837i
63.5	0.6959+0.1637i	0.5965−0.2090i	0.4341+0.0238i	0.4092+0.0272i	8.9413−8.4497i	−11.1494+6.0014i	−4.7205+10.0505i	3.9725−5.6599i
63.6	0.7042+0.1382i	0.5948−0.2269i	0.4386+0.0100i	0.4125+0.0147i	8.7250−8.6793i	−11.1428+6.3310i	−4.5231+10.1765i	3.9084−5.7859i
63.7	0.7046+0.1163i	0.5833−0.2435i	0.4354−0.0030i	0.4099+0.0025i	8.4389−8.8445i	−11.2711+6.4399i	−4.1251+10.1507i	3.9321−5.7563i
63.8	0.7063+0.1009i	0.5752−0.2559i	0.4344−0.0123i	0.4077−0.0056i	8.3735−9.0113i	−11.2269+6.6716i	−4.0350+10.1408i	3.9478−5.6896i
63.9	0.7166+0.0777i	0.5707−0.2747i	0.4370−0.0268i	0.4111−0.0196i	8.0684−9.2619i	−11.1916+7.0499i	−3.7374+10.3746i	3.7927−6.0232i
64.0	0.7243+0.0655i	0.5766−0.2836i	0.4415−0.0332i	0.4157−0.0250i	8.0306−9.6729i	−11.3386+7.2100i	−3.6032+10.4576i	3.7911−6.1358i
64.1	0.7377+0.0405i	0.5741−0.3055i	0.4448−0.0487i	0.4201−0.0388i	8.0823−9.8917i	−11.4472+7.7011i	−3.3211+10.5825i	3.8239−6.4563i
64.2	0.7402+0.0064i	0.5558−0.3388i	0.4418−0.0725i	0.4176−0.0600i	7.4581−10.4510i	−11.5063+8.1580i	−2.9409+10.7676i	3.9160−6.7078i
64.3	0.7327−0.0195i	0.5416−0.3498i	0.4372−0.0858i	0.4117−0.0715i	7.1445−10.6814i	−11.3980+8.5032i	−2.7871+10.5980i	3.8109−6.8278i
64.4	0.7246−0.0309i	0.5383−0.3523i	0.4325−0.0917i	0.4077−0.0763i	6.9098−10.5798i	−11.3140+8.6220i	−2.7348+10.5240i	3.7724−6.8401i
64.5	0.7227−0.0453i	0.5351−0.3607i	0.4315−0.0997i	0.4072−0.0844i	6.8805−10.9386i	−11.4171+8.7784i	−2.6492+10.6005i	3.8853−6.8028i
64.6	0.7050−0.0615i	0.5105−0.3729i	0.4182−0.1093i	0.3968−0.0946i	6.5912−10.9344i	−11.4502+9.1529i	−2.3758+10.4259i	3.8311−6.9647i
64.7	0.6870−0.0851i	0.4992−0.3889i	0.4079−0.1233i	0.3872−0.1063i	5.8990−11.0642i	−11.1733+9.3646i	−2.2157+10.3602i	3.5123−7.0879i
64.8	0.6913−0.1047i	0.4986−0.4120i	0.4111−0.1368i	0.3900−0.1178i	5.8502−11.5087i	−11.4159+9.8425i	−1.9561+10.5697i	3.6420−7.2985i
64.9	0.6808−0.1182i	0.4809−0.4208i	0.4008−0.1452i	0.3822−0.1263i	5.4004−11.7735i	−11.1919+10.3093i	−1.7651+10.5186i	3.4448−7.4967i
65.0	0.6690−0.1320i	0.4612−0.4327i	0.3904−0.1546i	0.3733−0.1357i	4.8937−11.9363i	−10.8559+10.8353i	−1.5149+10.4445i	3.2250−7.7291i
65.1	0.6613−0.1377i	0.4507−0.4416i	0.3862−0.1605i	0.3689−0.1404i	4.8415−11.9712i	−10.9071+11.1656i	−1.3805+10.3744i	3.2370−7.8408i
65.2	0.6584−0.1454i	0.4426−0.4542i	0.3836−0.1673i	0.3663−0.1469i	4.5434−12.3296i	−10.9629+11.3856i	−1.2711+10.4657i	3.2572−7.8989i
65.3	0.6443−0.1598i	0.4176−0.4668i	0.3712−0.1782i	0.3568−0.1550i	3.7341−12.1630i	−10.6878+11.7896i	−0.9789+10.3652i	2.9845−8.1397i
65.4	0.6382−0.1690i	0.4003−0.4786i	0.3631−0.1862i	0.3504−0.1617i	3.4281−12.2178i	−10.6441+12.4368i	−0.5748+10.2067i	2.8134−8.4916i
65.5	0.6430−0.1732i	0.3921−0.4832i	0.3618−0.1895i	0.3500−0.1662i	3.2938−12.3623i	−10.3930+12.8121i	−0.6391+10.2241i	2.7294−8.5565i
65.6	0.6405−0.1769i	0.3834−0.4937i	0.3597−0.1933i	0.3460−0.1718i	2.9722−12.4857i	−10.1604+13.2668i	−0.5859+10.2516i	2.4790−8.7531i
65.7	0.6401−0.1813i	0.3712−0.5036i	0.3564−0.1984i	0.3432−0.1764i	2.7276−12.4118i	−10.1167+13.5482i	−0.3967+10.2158i	2.4170−8.8444i
65.8	0.6436−0.1899i	0.3567−0.5118i	0.3526−0.2052i	0.3418−0.1826i	2.5108−12.5129i	−9.7589+13.9370i	−0.2467+10.1857i	2.1995−9.0270i
65.9	0.6466−0.2030i	0.3387−0.5143i	0.3471−0.2107i	0.3387−0.1882i	2.2765−12.4784i	−9.5367+14.3028i	−0.0556+10.1842i	1.8582−9.1936i
66.0	0.6397−0.2111i	0.3155−0.5079i	0.3353−0.2129i	0.3267−0.1897i	1.9658−12.1964i	−9.1756+14.4387i	0.1695+9.9550i	1.4913−9.1355i
66.1	0.6357−0.2211i	0.3029−0.5050i	0.3300−0.2145i	0.3217−0.1925i	1.6816−12.2411i	−8.9513+14.7052i	0.2310+9.7657i	1.3532−9.1310i
66.2	0.6326−0.2389i	0.2771−0.5040i	0.3224−0.2214i	0.3125−0.1981i	1.1850−12.1952i	−8.2726+15.1876i	0.4811+9.6775i	0.8495−9.3265i
66.3	0.6340−0.2600i	0.2595−0.5078i	0.3183−0.2305i	0.3098−0.2071i	0.7324−12.0786i	−7.5732+15.6657i	0.7376+9.6199i	0.4147−9.3652i
66.4	0.6322−0.2782i	0.2540−0.5041i	0.3156−0.2355i	0.3073−0.2113i	0.3607−11.6618i	−7.1958+15.9492i	0.8148+9.5803i	0.1090−9.4497i
66.5	0.6353−0.2954i	0.2504−0.4972i	0.3139−0.2404i	0.3071−0.2146i	0.5548−11.8618i	−7.0144+16.2353i	0.8802+9.4025i	−0.0630−9.4146i
66.6	0.6278−0.3193i	0.2358−0.5046i	0.3099−0.2522i	0.3048−0.2267i	0.2094−11.7024i	−6.6029+16.5442i	1.0383+9.3977i	−0.1952−9.5295i
66.7	0.6246−0.3343i	0.2245−0.5093i	0.3042−0.2591i	0.2994−0.2324i	−0.1319−11.4841i	−6.1559+16.8958i	1.1768+9.2236i	−0.4833−9.3770i
66.8	0.6197−0.3524i	0.2187−0.5145i	0.3013−0.2669i	0.2958−0.2402i	−0.1229−11.3868i	−5.6274+17.1976i	1.2558+9.0762i	−0.8514−9.2819i
66.9	0.6052−0.3676i	0.2026−0.5129i	0.2918−0.2716i	0.2859−0.2467i	−0.3417−11.4916i	−5.2005+17.3360i	1.4129+8.8866i	−1.0760−9.2122i
67.0	0.5929−0.3886i	0.1936−0.5172i	0.2849−0.2798i	0.2797−0.2566i	−0.4318−11.2055i	−4.8322+17.3229i	1.5851+8.8680i	−1.2816−9.1057i
67.1	0.5888−0.4159i	0.1806−0.5161i	0.2808−0.2898i	0.2734−0.2643i	−0.3404−11.0621i	−3.8602+17.9007i	1.7316+8.8154i	−1.7653−9.2914i
67.2	0.5726−0.4367i	0.1755−0.5138i	0.2718−0.2973i	0.2679−0.2697i	−0.5596−10.8882i	−3.1170+18.0082i	1.7712+8.6761i	−2.0569−9.0642i
67.3	0.5533−0.4475i	0.1766−0.5136i	0.2652−0.3015i	0.2639−0.2742i	−0.7919−11.1387i	−2.7964+17.6490i	1.7666+8.6533i	−2.2571−8.7947i
67.4	0.5332−0.4657i	0.1673−0.5175i	0.2566−0.3100i	0.2570−0.2843i	−0.9900−11.1857i	−2.3433+17.7072i	1.8664+8.4892i	−2.5140−8.6164i
67.5	0.5161−0.4837i	0.1528−0.5174i	0.2455−0.3165i	0.2458−0.2889i	−0.9891−11.1057i	−1.6151+17.7761i	2.0332+8.2490i	−2.8436−8.4098i
67.6	0.4991−0.4916i	0.1419−0.5193i	0.2361−0.3202i	0.2358−0.2929i	−1.4050−10.7887i	−1.2101+18.0501i	2.1038+8.1464i	−3.0301−8.3297i
67.7	0.4663−0.5065i	0.1287−0.5250i	0.2202−0.3281i	0.2223−0.3014i	−1.3708−10.8589i	−0.5643+17.5229i	2.2996+7.9639i	−3.2775−8.0116i
67.8	0.4462−0.5096i	0.1217−0.5297i	0.2104−0.3303i	0.2138−0.3039i	−1.4806−10.6701i	−0.1591+17.1765i	2.2847+7.8962i	−3.3760−7.7113i
67.9	0.4285−0.5142i	0.1074−0.5371i	0.1999−0.3351i	0.2051−0.3080i	−1.6326−10.5670i	0.1855+17.1031i	2.3053+7.7517i	−3.5159−7.4252i
68.0	0.4022−0.5192i	0.0957−0.5395i	0.1865−0.3397i	0.1937−0.3108i	−1.9290−10.6124i	0.6048+16.8321i	2.3479+7.6322i	−3.7280−7.1314i
68.1	0.3791−0.5288i	0.0815−0.5466i	0.1724−0.3463i	0.1814−0.3192i	−2.0363−10.6609i	1.1390+16.8338i	2.3950+7.6305i	−3.7964−6.9928i
68.2	0.3608−0.5315i	0.0672−0.5535i	0.1605−0.3488i	0.1711−0.3228i	−2.2535−10.7139i	1.4439+16.9576i	2.4186+7.5853i	−3.8459−6.8968i
68.3	0.3465−0.5253i	0.0552−0.5438i	0.1513−0.3435i	0.1615−0.3183i	−2.5585−10.5751i	1.6310+16.6232i	2.3355+7.3517i	−3.8862−6.5575i
68.4	0.3128−0.5308i	0.0277−0.5430i	0.1325−0.3456i	0.1431−0.3212i	−2.9773−10.4110i	2.5204+16.4041i	2.5871+7.1293i	−4.0944−6.3206i
68.5	0.2980−0.5263i	0.0165−0.5459i	0.1230−0.3441i	0.1350−0.3207i	−3.2539−10.3165i	2.8690+16.1480i	2.5903+7.0854i	−4.1215−6.1712i
68.6	0.2770−0.5239i	0.0009−0.5430i	0.1106−0.3426i	0.1237−0.3205i	−3.5507−10.2779i	3.1801+15.9420i	2.6777+6.9247i	−4.1583−5.8478i

68.7	0.2536-0.5274i	-0.0164-0.5386i	0.0989-0.3445i	0.1113-0.3218i	-3.5985-10.0916i	3.6682+15.6994i	2.6958+6.7239i	-4.3001-5.6011i
68.8	0.2322-0.5187i	-0.0323-0.5382i	0.0860-0.3417i	0.0966-0.3199i	-3.7448-9.8606i	4.0209+15.3347i	2.7527+6.5364i	-4.3688-5.3395i
68.9	0.2133-0.5149i	-0.0504-0.5381i	0.0720-0.3401i	0.0842-0.3185i	-4.0746-9.7488i	4.3424+15.2329i	2.8300+6.4849i	-4.3531-5.1709i
69.0	0.2024-0.5106i	-0.0672-0.5289i	0.0628-0.3363i	0.0762-0.3147i	-4.1882-9.6445i	4.6857+14.8879i	2.7509+6.3391i	-4.3535-4.9950i
69.1	0.1833-0.5058i	-0.0868-0.5203i	0.0502-0.3323i	0.0648-0.3127i	-4.4137-9.5891i	5.1568+14.5511i	2.8200+6.2238i	-4.4032-4.7726i
69.2	0.1659-0.4934i	-0.0929-0.5154i	0.0420-0.3270i	0.0561-0.3085i	-4.5163-9.2115i	5.0391+14.3129i	2.6833+6.1372i	-4.3226-4.4433i
69.3	0.1521-0.4803i	-0.1079-0.5064i	0.0312-0.3186i	0.0474-0.3003i	-4.5966-8.7154i	5.3087+13.8450i	2.6622+6.0444i	-4.3134-4.2440i
69.4	0.1406-0.4602i	-0.1186-0.5016i	0.0247-0.3111i	0.0402-0.2907i	-4.6844-8.5553i	5.4542+13.6062i	2.7035+5.9215i	-4.3402-4.0702i
69.5	0.1252-0.4480i	-0.1263-0.4850i	0.0159-0.3014i	0.0318-0.2831i	-5.1400-8.6418i	5.5613+13.0977i	2.6379+5.6156i	-4.4235-3.7617i
69.6	0.1052-0.4456i	-0.1470-0.4795i	-0.0006-0.2981i	0.0188-0.2819i	-4.9383-8.2180i	5.9707+12.6787i	2.7961+5.3615i	-4.4543-3.5796i
69.7	0.1053-0.4360i	-0.1597-0.4778i	-0.0038-0.2950i	0.0154-0.2786i	-5.0051-7.9523i	6.0337+12.5224i	2.6996+5.3477i	-4.4275-3.3588i
69.8	0.0990-0.4168i	-0.1736-0.4632i	-0.0115-0.2846i	0.0087-0.2683i	-5.2163-7.6751i	6.1821+12.0950i	2.5233+5.1499i	-4.4353-3.1377i
69.9	0.0908-0.4030i	-0.1906-0.4466i	-0.0218-0.2751i	-0.0019-0.2588i	-5.2083-7.5168i	6.4197+11.7321i	2.5536+5.1222i	-4.2884-2.9764i
70.0	0.0823-0.3962i	-0.2060-0.4411i	-0.0282-0.2708i	-0.0100-0.2548i	-5.4799-7.3402i	6.6893+11.7557i	2.5141+5.0928i	-4.1825-2.7658i
70.1	0.0772-0.3825i	-0.2187-0.4309i	-0.0329-0.2627i	-0.0157-0.2468i	-5.2214-7.1172i	6.7288+11.4981i	2.4827+5.0295i	-3.9994-2.6783i
70.2	0.0687-0.3716i	-0.2411-0.4190i	-0.0446-0.2560i	-0.0257-0.2417i	-5.3039-6.9523i	6.8965+11.2219i	2.5632+4.9146i	-3.9423-2.5430i
70.3	0.0653-0.3570i	-0.2452-0.4007i	-0.0481-0.2449i	-0.0277-0.2308i	-5.5105-6.6604i	7.0069+10.8533i	2.3719+4.7725i	-3.9000-2.2769i
70.4	0.0657-0.3441i	-0.2494-0.3826i	-0.0481-0.2348i	-0.0295-0.2221i	-5.5120-6.2674i	6.8151+10.4449i	2.3665+4.7038i	-3.8877-2.1213i
70.5	0.0598-0.3336i	-0.2625-0.3691i	-0.0547-0.2260i	-0.0368-0.2149i	-5.6116-6.0954i	6.9637+10.1049i	2.3616+4.5573i	-3.7428-2.0307i
70.6	0.0603-0.3223i	-0.2671-0.3539i	-0.0587-0.2175i	-0.0401-0.2064i	-5.7001-5.6664i	6.9929+9.8729i	2.1706+4.5362i	-3.5589-1.7695i
70.7	0.0599-0.3115i	-0.2682-0.3373i	-0.0589-0.2098i	-0.0397-0.1968i	-5.5370-5.6151i	7.1064+9.5460i	2.0054+4.3426i	-3.4759-1.6453i
70.8	0.0560-0.3007i	-0.2676-0.3140i	-0.0586-0.1980i	-0.0409-0.1886i	-5.4044-5.2353i	7.1767+9.1314i	1.9126+4.2626i	-3.4211-1.5317i
70.9	0.0554-0.2968i	-0.2775-0.3010i	-0.0629-0.1929i	-0.0452-0.1828i	-5.4511-5.2374i	7.3089+8.9680i	1.8740+4.0956i	-3.3459-1.3166i
71.0	0.0594-0.2883i	-0.2935-0.2921i	-0.0683-0.1867i	-0.0495-0.1783i	-5.4631-5.3593i	7.3572+8.8066i	1.9681+3.9729i	-3.2055-1.2161i
71.1	0.0623-0.2813i	-0.2978-0.2775i	-0.0681-0.1792i	-0.0483-0.1699i	-5.2891-5.1114i	7.2775+8.6180i	1.8599+4.0535i	-2.9893-1.1191i
71.2	0.0696-0.2763i	-0.2983-0.2620i	-0.0660-0.1724i	-0.0460-0.1633i	-5.4219-4.6374i	7.0526+8.5056i	1.6027+4.0987i	-2.9259-0.8218i
71.3	0.0702-0.2713i	-0.3069-0.2494i	-0.0688-0.1660i	-0.0503-0.1583i	-5.2074-4.5728i	7.2093+8.2944i	1.7221+4.0316i	-2.7150-0.8183i
71.4	0.0741-0.2637i	-0.2985-0.2270i	-0.0654-0.1542i	-0.0467-0.1482i	-4.9654-4.8337i	7.0516+8.0439i	1.5091+3.9004i	-2.6781-0.5669i
71.5	0.0726-0.2543i	-0.3047-0.2094i	-0.0684-0.1458i	-0.0490-0.1392i	-4.9889-4.8134i	7.0944+7.7155i	1.4134+3.7576i	-2.6256-0.5526i
71.6	0.0756-0.2534i	-0.3057-0.1856i	-0.0684-0.1375i	-0.0502-0.1308i	-5.0889-4.4439i	7.0832+7.5119i	1.2707+3.6214i	-2.4625-0.4362i
71.7	0.0785-0.2509i	-0.3071-0.1708i	-0.0666-0.1321i	-0.0485-0.1267i	-5.1091-4.3359i	7.1016+7.4651i	1.2908+3.8149i	-2.3226-0.2272i
71.8	0.0730-0.2446i	-0.3025-0.1454i	-0.0670-0.1231i	-0.0475-0.1165i	-5.0098-4.1374i	7.0472+7.0580i	1.2612+3.5656i	-2.3241-0.2234i
71.9	0.0815-0.2447i	-0.3007-0.1251i	-0.0651-0.1152i	-0.0443-0.1087i	-4.8289-4.2229i	6.9753+6.8577i	1.1733+3.4306i	-2.2070-0.1967i
72.0	0.0867-0.2475i	-0.2913-0.1127i	-0.0613-0.1113i	-0.0400-0.1054i	-5.0714-4.1578i	7.0886+6.9303i	0.9631+3.7436i	-1.7671-0.0482i
72.1	0.0886-0.2449i	-0.2774-0.0968i	-0.0568-0.1060i	-0.0363-0.1005i	-5.0198-3.7798i	6.9529+6.7770i	0.9649+3.8532i	-1.5242+0.0298i
72.2	0.0825-0.2428i	-0.2691-0.0783i	-0.0546-0.0981i	-0.0358-0.0937i	-4.8806-3.5709i	6.9176+6.5183i	0.7939+3.5907i	-1.6028+0.0563i
72.3	0.0761-0.2395i	-0.2659-0.0645i	-0.0532-0.0923i	-0.0363-0.0876i	-4.7654-3.6251i	6.8965+6.3051i	0.7646+3.3762i	-1.5322+0.1520i
72.4	0.0770-0.2352i	-0.2492-0.0511i	-0.0483-0.0864i	-0.0326-0.0816i	-4.7261-3.5461i	6.7213+6.2025i	0.6761+3.3764i	-1.4899+0.2109i
72.5	0.0805-0.2371i	-0.2364-0.0397i	-0.0418-0.0819i	-0.0268-0.0788i	-4.5317-3.3415i	6.7910+6.0768i	0.4198+3.4705i	-1.2417+0.3046i
72.6	0.0845-0.2343i	-0.2305-0.0321i	-0.0369-0.0776i	-0.0229-0.0762i	-4.6738-3.2817i	6.8022+5.9617i	0.2331+3.5839i	-0.9522+0.3935i
72.7	0.0831-0.2299i	-0.2255-0.0163i	-0.0373-0.0724i	-0.0221-0.0704i	-4.8392-3.2568i	6.8651+5.6973i	0.3227+3.3701i	-0.7549+0.2159i
72.8	0.0777-0.2300i	-0.2030-0.0041i	-0.0330-0.0699i	-0.0184-0.0669i	-4.7259-3.1246i	6.8676+5.4472i	0.1852+3.3216i	-0.7451+0.2356i
72.9	0.0751-0.2308i	-0.1936+0.0000i	-0.0309-0.0690i	-0.0152-0.0658i	-4.4948-3.0361i	6.8446+5.4086i	0.2582+3.4057i	-0.6062+0.3479i
73.0	0.0767-0.2238i	-0.1747+0.0091i	-0.0242-0.0639i	-0.0078-0.0611i	-4.4329-2.6642i	6.5363+5.2474i	-0.0386+3.4613i	-0.5740+0.4258i
73.1	0.0693-0.2190i	-0.1516+0.0113i	-0.0176-0.0622i	-0.0016-0.0586i	-4.4632-2.7182i	6.3980+5.1028i	-0.3461+3.4282i	-0.6208+0.6408i
73.2	0.0648-0.2111i	-0.1388+0.0110i	-0.0139-0.0586i	0.0007-0.0562i	-4.4364-2.8804i	6.4619+4.8793i	-0.5695+3.3183i	-0.4018+0.4887i
73.3	0.0759-0.2024i	-0.1306+0.0055i	-0.0087-0.0587i	0.0064-0.0553i	-4.3464-2.7808i	6.4484+4.8759i	-0.6119+3.7584i	0.0404+0.6354i
73.4	0.0769-0.1970i	-0.1228+0.0037i	-0.0052-0.0579i	0.0095-0.0542i	-4.2218-2.5511i	6.3902+4.7699i	-0.7182+3.8467i	0.1427+0.6963i
73.5	0.0747-0.1953i	-0.1121+0.0035i	-0.0034-0.0576i	0.0117-0.0537i	-3.8882-2.6029i	6.3190+4.7081i	-0.7538+3.7075i	0.1958+0.7740i
73.6	0.0779-0.1960i	-0.1045+0.0060i	-0.0009-0.0561i	0.0156-0.0533i	-3.8209-2.3632i	6.2924+4.5680i	-0.8464+3.7509i	0.2707+0.7884i
73.7	0.0851-0.1933i	-0.0968+0.0062i	0.0038-0.0548i	0.0205-0.0522i	-4.2479-2.2132i	6.2175+4.4338i	-1.0301+3.8000i	0.4465+0.8823i
73.8	0.0855-0.1920i	-0.0929+0.0061i	0.0055-0.0533i	0.0212-0.0515i	-4.3001-2.4263i	6.2463+4.2860i	-1.1413+3.8940i	0.7033+0.7650i
73.9	0.0839-0.1901i	-0.0823+0.0070i	0.0088-0.0522i	0.0224-0.0511i	-3.9499-2.3156i	6.2456+4.2983i	-1.2332+3.9792i	0.8916+0.8059i
74.0	0.0883-0.1844i	-0.0744+0.0108i	0.0134-0.0506i	0.0278-0.0476i	-3.7609-1.9487i	6.1058+4.1354i	-1.5108+4.3292i	0.9405+0.8437i
74.1	0.0786-0.1777i	-0.0719+0.0128i	0.0117-0.0487i	0.0266-0.0459i	-3.7820-1.8143i	6.1400+3.9478i	-1.6386+4.1890i	1.0546+0.7744i
74.2	0.0803-0.1660i	-0.0600+0.0000i	0.0154-0.0481i	0.0304-0.0462i	-3.3980-1.8499i	6.0912+3.7362i	-1.8494+4.4467i	1.2413+0.7557i
74.3	0.0882-0.1609i	-0.0517-0.0024i	0.0194-0.0483i	0.0335-0.0453i	-3.7485-1.9522i	6.0106+3.7033i	-2.0734+4.6193i	1.3592+0.8406i
74.4	0.0944-0.1612i	-0.0462-0.0048i	0.0240-0.0481i	0.0361-0.0471i	-3.8165-1.8321i	5.9785+3.7479i	-2.1323+4.7441i	1.6731+1.1424i
74.5	0.0993-0.1637i	-0.0417-0.0022i	0.0278-0.0477i	0.0394-0.0463i	-3.6215-1.8370i	5.9226+3.6580i	-1.9800+5.0985i	1.9546+1.1867i
74.6	0.0995-0.1617i	-0.0398+0.0011i	0.0275-0.0453i	0.0414-0.0428i	-3.6580-1.8497i	5.9342+3.4767i	-1.9985+5.0689i	1.9913+0.9521i
74.7	0.1036-0.1612i	-0.0377-0.0009i	0.0287-0.0465i	0.0448-0.0446i	-3.5119-1.9006i	5.8378+3.4149i	-1.9380+5.1496i	2.2029+0.9486i
74.8	0.1088-0.1561i	-0.0297-0.0082i	0.0358-0.0469i	0.0489-0.0457i	-3.3975-1.6803i	5.7882+3.3094i	-1.8811+5.5133i	2.4965+0.8884i
74.9	0.1190-0.1527i	-0.0266-0.0102i	0.0401-0.0463i	0.0529-0.0446i	-3.3818-1.3779i	5.7337+3.2847i	-2.1301+5.5755i	2.4570+1.0255i

75.0	0.1231−0.1484i	−0.0271−0.0106i	0.0408−0.0458i	0.0540−0.0437i	−3.4466−1.3000i	5.6880+3.0788i	−2.2811+5.7153i	2.5161+1.0002i
75.1	0.1274−0.1436i	−0.0167−0.0121i	0.0444−0.0446i	0.0587−0.0414i	−3.1026−1.4669i	5.5899+2.9941i	−2.3981+6.0052i	2.5512+0.9095i
75.2	0.1328−0.1456i	−0.0098−0.0147i	0.0469−0.0461i	0.0627−0.0442i	−3.0915−1.3303i	5.5308+2.8940i	−2.3519+6.2032i	2.6838+0.8611i
75.3	0.1429−0.1505i	−0.0135−0.0161i	0.0496−0.0490i	0.0656−0.0472i	−3.0991−1.2744i	5.5538+2.8209i	−2.1527+6.5123i	3.1728+0.8621i
75.4	0.1561−0.1569i	−0.0123−0.0185i	0.0537−0.0515i	0.0711−0.0507i	−3.0026−1.3986i	5.4943+2.8251i	−1.9220+6.7321i	3.5574+1.0027i
75.5	0.1617−0.1547i	−0.0081−0.0224i	0.0572−0.0523i	0.0747−0.0516i	−2.9087−1.3219i	5.3659+2.7444i	−1.7505+7.0203i	3.7101+0.9022i
75.6	0.1614−0.1528i	−0.0067−0.0223i	0.0578−0.0524i	0.0738−0.0509i	−3.0526−1.4383i	5.3720+2.6016i	−2.0396+6.9444i	3.7998+0.6537i
75.7	0.1712−0.1652i	−0.0056−0.0228i	0.0613−0.0563i	0.0768−0.0544i	−2.9045−1.4866i	5.3976+2.5313i	−1.9071+7.2450i	4.1937+0.5517i
75.8	0.1655−0.1689i	0.0009−0.0256i	0.0613−0.0587i	0.0777−0.0564i	−2.7837−1.3439i	5.3336+2.4403i	−1.8004+7.2394i	4.1741+0.4653i
75.9	0.1719−0.1694i	0.0010−0.0216i	0.0638−0.0566i	0.0803−0.0560i	−2.4524−1.2572i	5.2587+2.2802i	−1.6916+7.4817i	4.3622+0.3204i
76.0	0.1815−0.1746i	0.0043−0.0225i	0.0677−0.0576i	0.0845−0.0573i	−2.2560−1.4893i	5.2584+2.2517i	−1.6925+7.7365i	4.6358+0.2418i
76.1	0.1796−0.1725i	0.0097−0.0257i	0.0681−0.0574i	0.0855−0.0582i	−2.4797−1.5302i	5.2104+2.2238i	−1.6268+7.8141i	4.6733+0.3261i
76.2	0.1797−0.1763i	0.0134−0.0268i	0.0695−0.0609i	0.0856−0.0601i	−2.3432−1.3297i	5.2179+2.1399i	−1.4323+7.9082i	5.1216+0.0843i
76.3	0.1818−0.1847i	0.0144−0.0291i	0.0693−0.0652i	0.0865−0.0644i	−2.2744−1.3496i	5.1909+2.0424i	−1.0852+8.2217i	5.5708−0.0051i
76.4	0.1791−0.1871i	0.0222−0.0314i	0.0694−0.0668i	0.0885−0.0672i	−2.3286−1.2872i	4.9869+1.9223i	−1.0083+8.3741i	5.3626−0.2050i
76.5	0.1770−0.1936i	0.0225−0.0319i	0.0697−0.0686i	0.0884−0.0687i	−2.2767−1.3631i	4.9364+1.8321i	−0.7438+8.4081i	5.7943−0.4622i
76.6	0.1753−0.2022i	0.0207−0.0328i	0.0704−0.0716i	0.0858−0.0707i	−2.3167−1.3380i	5.0401+1.8299i	−0.1925+8.2053i	6.6097−0.6669i
76.7	0.1877−0.2031i	0.0281−0.0343i	0.0760−0.0720i	0.0927−0.0724i	−2.3214−1.2346i	4.9284+1.7291i	−0.1077+8.6396i	6.6860−0.7069i
76.8	0.1812−0.2070i	0.0365−0.0355i	0.0763−0.0747i	0.0933−0.0736i	−1.8607−1.5773i	4.8175+1.7120i	0.0907+8.6677i	6.8704−0.7691i
76.9	0.1889−0.2074i	0.0394−0.0445i	0.0787−0.0764i	0.0971−0.0766i	−2.0982−1.4277i	4.7976+1.6619i	0.1951+8.9051i	7.1248−0.6892i
77.0	0.1912−0.2060i	0.0483−0.0514i	0.0828−0.0760i	0.1011−0.0783i	−2.1803−1.1082i	4.6701+1.4958i	0.3828+9.1152i	7.1694−1.0620i
77.1	0.1966−0.2040i	0.0467−0.0484i	0.0837−0.0751i	0.1023−0.0775i	−1.9475−1.0708i	4.6048+1.4622i	0.3795+9.0694i	7.2632−1.2011i
77.2	0.2000−0.2062i	0.0477−0.0488i	0.0847−0.0765i	0.1024−0.0794i	−1.9946−1.2146i	4.5537+1.3653i	0.5516+9.1145i	7.7378−1.4435i
77.3	0.1976−0.2127i	0.0473−0.0592i	0.0824−0.0812i	0.1013−0.0840i	−1.8333−1.1590i	4.4604+1.2914i	0.9920+9.0598i	7.9405−1.7564i
77.4	0.1970−0.2129i	0.0508−0.0615i	0.0831−0.0813i	0.1025−0.0844i	−1.5402−1.4036i	4.4876+1.2897i	1.2206+8.9558i	8.3580−1.8777i
77.5	0.2021−0.2122i	0.0526−0.0652i	0.0863−0.0810i	0.1051−0.0854i	−1.4216−1.5218i	4.3667+1.1032i	1.4067+8.9780i	8.1923−2.3842i
77.6	0.2048−0.2100i	0.0488−0.0688i	0.0857−0.0815i	0.1039−0.0866i	−1.5889−1.4476i	4.3408+0.9456i	1.5107+8.7972i	8.4997−3.2288i
77.7	0.2157−0.2098i	0.0555−0.0726i	0.0914−0.0825i	0.1075−0.0880i	−1.7818−1.3128i	4.2736+0.9910i	1.5730+8.6667i	8.8398−3.1621i
77.8	0.2265−0.2172i	0.0586−0.0747i	0.0958−0.0858i	0.1134−0.0888i	−1.8922−1.3249i	4.1910+0.8795i	1.6248+8.7524i	8.7723−3.7399i
77.9	0.2243−0.2269i	0.0550−0.0775i	0.0947−0.0895i	0.1113−0.0917i	−1.9390−1.6484i	4.1440+0.8348i	1.7747+8.4382i	8.9735−4.3121i
78.0	0.2260−0.2291i	0.0507−0.0830i	0.0944−0.0926i	0.1095−0.0944i	−1.4649−1.7112i	4.0524+0.7389i	1.8998+8.1894i	9.1180−4.8398i
78.1	0.2354−0.2403i	0.0539−0.0885i	0.1000−0.0983i	0.1168−0.1001i	−1.4389−1.5664i	3.9760+0.6473i	2.1506+8.3564i	9.1963−5.2397i
78.2	0.2448−0.2478i	0.0541−0.0926i	0.1018−0.1041i	0.1202−0.1049i	−1.5884−1.3486i	3.8534+0.4930i	2.3423+8.5173i	8.9106−5.6734i
78.3	0.2398−0.2585i	0.0516−0.0985i	0.0983−0.1069i	0.1179−0.1107i	−1.6455−1.1852i	3.6851+0.4566i	2.4610+8.0256i	8.8467−6.2151i
78.4	0.2435−0.2691i	0.0524−0.1003i	0.0995−0.1102i	0.1189−0.1150i	−1.6144−1.3882i	3.6741+0.4993i	2.3230+7.9555i	9.1205−6.5091i
78.5	0.2468−0.2788i	0.0518−0.1043i	0.0995−0.1155i	0.1196−0.1199i	−1.7065−1.5306i	3.6353+0.4986i	2.2487+7.9988i	9.4316−6.7142i
78.6	0.2323−0.2902i	0.0378−0.1089i	0.0923−0.1198i	0.1107−0.1272i	−1.5298−1.6404i	3.4575+0.4618i	2.5746+7.4867i	9.4042−7.0926i
78.7	0.2201−0.3063i	0.0337−0.1148i	0.0861−0.1251i	0.1060−0.1344i	−1.3975−1.7311i	3.3679+0.4122i	2.7512+7.1310i	9.3346−7.6030i
78.8	0.2063−0.3216i	0.0270−0.1139i	0.0776−0.1278i	0.0993−0.1408i	−1.8188−2.0633i	3.3027+0.3264i	2.7286+6.6885i	9.0836−8.6183i
78.9	0.1699−0.2795i	0.0171−0.0949i	0.0644−0.1098i	0.0815−0.1249i	−2.2347−1.8328i	3.1925+0.3690i	1.5139+5.4307i	9.0898−8.9390i
79.0	0.2300−0.2090i	0.0380−0.0687i	0.0897−0.0754i	0.1015−0.0914i	−1.9780−1.2464i	3.0517+0.2827i	−0.8487+6.4435i	8.1504−9.4643i
79.1	0.3130−0.2729i	0.0642−0.0912i	0.1263−0.1028i	0.1392−0.1138i	−1.1921−1.2259i	2.9781+0.2318i	−0.1966+9.0044i	8.0720−9.9418i
79.2	0.3144−0.3328i	0.0612−0.1120i	0.1259−0.1297i	0.1425−0.1391i	−0.9062−1.3768i	2.8214+0.2406i	1.0686+9.4960i	8.1615−10.1982i
79.3	0.3028−0.3596i	0.0588−0.1225i	0.1231−0.1412i	0.1378−0.1510i	−0.9599−1.3463i	2.7136+0.1858i	1.5814+9.5685i	7.8239−10.5084i
79.4	0.2766−0.3766i	0.0451−0.1265i	0.1100−0.1500i	0.1251−0.1586i	−1.2576−1.4612i	2.6895+0.1016i	1.9822+9.2383i	7.7301−11.9271i
79.5	0.2546−0.3995i	0.0322−0.1319i	0.0993−0.1581i	0.1160−0.1681i	−1.2672−1.5052i	2.5970+0.1099i	2.6235+9.0679i	7.9273−12.6407i
79.6	0.2355−0.4111i	0.0313−0.1327i	0.0943−0.1625i	0.1107−0.1735i	−1.0992−1.5742i	2.4453+0.0950i	2.7785+9.0509i	6.8983−12.6368i
79.7	0.2308−0.4192i	0.0296−0.1335i	0.0923−0.1629i	0.1077−0.1756i	−1.0128−1.5344i	2.2424+0.0995i	3.0262+9.0786i	5.8191−12.7311i
79.8	0.2268−0.4244i	0.0255−0.1315i	0.0889−0.1645i	0.1047−0.1761i	−1.0045−1.6652i	2.1760+0.0884i	3.0662+9.0397i	5.4351−13.1521i
79.9	0.2198−0.4394i	0.0220−0.1326i	0.0880−0.1703i	0.1022−0.1824i	−1.1333−1.9819i	2.1333+0.1283i	3.2545+8.9026i	4.9689−13.6787i
80.0	0.2069−0.4579i	0.0167−0.1375i	0.0834−0.1766i	0.0957−0.1907i	−1.2022−1.9092i	1.9599+0.1986i	3.6473+8.8990i	4.2509−13.8240i

1.1.11 Run 3 – IP315-200 – NF and AF gauges

In-plane shaking at 315° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.2664+0.0000i	-0.1353+0.0000i	1.0004+0.0000i	2.0955+0.0000i	-0.0029+0.0000i	-0.0443+0.0000i	-0.0015+0.0000i	0.0572+0.0000i
0.1	0.2608+0.0089i	-0.1316+0.0021i	0.9892+0.0052i	2.0764-0.0001i	-0.0023+0.0002i	-0.0441-0.0011i	-0.0021-0.0038i	0.0579+0.0012i
0.2	1.0316+0.0008i	-0.9814+0.0126i	-0.9387-0.0055i	0.9245-0.0189i	0.1181+0.0055i	0.1359-0.0044i	0.1710-0.0352i	0.1714-0.0185i
0.3	1.1280-0.0479i	-1.0610+0.0347i	-1.1093+0.0179i	1.0321-0.0083i	0.1462-0.0025i	0.1528-0.0033i	0.1958-0.0082i	0.1937-0.0174i
0.4	1.1498-0.0484i	-1.0694+0.0242i	-1.1318-0.0076i	1.0688+0.0008i	0.1493-0.0014i	0.1575-0.0033i	0.1997-0.0087i	0.2040-0.0002i
0.5	1.1551-0.0181i	-1.0854+0.0077i	-1.1536-0.0045i	1.0895+0.0150i	0.1537+0.0003i	0.1581+0.0003i	0.1972-0.0035i	0.2047+0.0029i
0.6	1.1385-0.0237i	-1.0951+0.0027i	-1.1505-0.0064i	1.0952+0.0177i	0.1538+0.0004i	0.1568+0.0002i	0.1972-0.0015i	0.2039-0.0026i
0.7	1.1261-0.0226i	-1.0916+0.0067i	-1.1589-0.0053i	1.0981+0.0153i	0.1536-0.0003i	0.1566+0.0001i	0.1959-0.0022i	0.2037-0.0007i
0.8	1.1258-0.0165i	-1.0875+0.0060i	-1.1634-0.0013i	1.1033+0.0116i	0.1540+0.0009i	0.1569+0.0004i	0.1960-0.0004i	0.2052+0.0008i
0.9	1.1369-0.0173i	-1.0838+0.0033i	-1.1516+0.0057i	1.1051+0.0053i	0.1572+0.0012i	0.1600+0.0001i	0.2021+0.0001i	0.2091+0.0004i
1.0	1.1378-0.0207i	-1.0843-0.0017i	-1.1492-0.0001i	1.1040+0.0067i	0.1579+0.0004i	0.1609-0.0002i	0.2040-0.0007i	0.2104-0.0005i
1.1	1.1460-0.0067i	-1.1099-0.0257i	-1.1659-0.0123i	1.1128+0.0035i	0.1595+0.0004i	0.1631+0.0000i	0.2056-0.0003i	0.2123+0.0002i
1.2	1.1563-0.0129i	-1.1328-0.0109i	-1.1897+0.0036i	1.1280-0.0037i	0.1632-0.0001i	0.1667-0.0008i	0.2108-0.0013i	0.2172-0.0009i
1.3	1.1674-0.0204i	-1.1406-0.0058i	-1.2115+0.0091i	1.1426-0.0034i	0.1667-0.0002i	0.1703-0.0006i	0.2153-0.0017i	0.2226-0.0011i
1.4	1.1754-0.0186i	-1.1470-0.0029i	-1.2421+0.0136i	1.1721-0.0085i	0.1701-0.0002i	0.1745-0.0010i	0.2209-0.0014i	0.2296-0.0011i
1.5	1.1835-0.0203i	-1.1526+0.0031i	-1.2725+0.0522i	1.1981-0.0412i	0.1734-0.0018i	0.1782-0.0033i	0.2272-0.0029i	0.2335-0.0058i
1.6	1.1925-0.0191i	-1.1589+0.0036i	-1.2842+0.0857i	1.2106-0.0682i	0.1763-0.0017i	0.1805-0.0032i	0.2342-0.0043i	0.2356-0.0049i
1.7	1.2100-0.0183i	-1.1749-0.0002i	-1.2906+0.1464i	1.2201-0.1240i	0.1830-0.0006i	0.1868-0.0025i	0.2451-0.0054i	0.2453-0.0022i
1.8	1.2409-0.0223i	-1.2060-0.0023i	-1.2681+0.2553i	1.2001-0.2205i	0.1945-0.0008i	0.1981-0.0038i	0.2622-0.0094i	0.2615-0.0010i
1.9	1.2819-0.0324i	-1.2471+0.0035i	-1.1397+0.3239i	1.0886-0.2783i	0.2117-0.0019i	0.2142-0.0055i	0.2846-0.0143i	0.2879-0.0007i
2.0	1.3442-0.0380i	-1.3095+0.0100i	-1.0089+0.2957i	0.9763-0.2544i	0.2386-0.0037i	0.2392-0.0070i	0.3212-0.0173i	0.3301-0.0016i
2.1	1.5046-0.0647i	-1.4561+0.0375i	-0.9487+0.1980i	0.9272-0.1714i	0.3034-0.0158i	0.3025-0.0176i	0.4179-0.0342i	0.4291-0.0199i
2.2	1.7641-0.1263i	-1.6948+0.0951i	-0.9240+0.1374i	0.9096-0.1207i	0.4083-0.0409i	0.4054-0.0416i	0.5767-0.0727i	0.5873-0.0581i
2.3	1.6728-0.4548i	-1.6157+0.3958i	-0.9161+0.0763i	0.8993-0.0712i	0.3726-0.1729i	0.3703-0.1712i	0.5183-0.2717i	0.5358-0.2578i
2.4	0.6057-0.1603i	-0.6386+0.1328i	-1.0495+0.0569i	1.0010-0.0467i	-0.0592-0.0591i	-0.0538-0.0598i	-0.1362-0.0891i	-0.1143-0.0904i
2.5	0.7378-0.0668i	-0.7577+0.0481i	-1.0524+0.0499i	1.0055-0.0393i	-0.0076-0.0215i	-0.0031-0.0224i	-0.0567-0.0320i	-0.0374-0.0336i
2.6	0.8638-0.0407i	-0.8722+0.0262i	-1.0568+0.0432i	1.0112-0.0344i	0.0419-0.0114i	0.0457-0.0123i	0.0190-0.0172i	0.0372-0.0180i
2.7	0.9219-0.0313i	-0.9259+0.0181i	-1.0645+0.0363i	1.0198-0.0290i	0.0647-0.0075i	0.0681-0.0083i	0.0540-0.0115i	0.0713-0.0120i
2.8	0.9557-0.0239i	-0.9579+0.0108i	-1.0697+0.0319i	1.0259-0.0247i	0.0780-0.0044i	0.0812-0.0052i	0.0743-0.0068i	0.0909-0.0072i
2.9	0.9851-0.0222i	-0.9847+0.0089i	-1.0744+0.0292i	1.0302-0.0221i	0.0890-0.0038i	0.0921-0.0047i	0.0910-0.0058i	0.1074-0.0065i
3.0	1.0068-0.0176i	-1.0028+0.0049i	-1.0831+0.0273i	1.0390-0.0205i	0.0967-0.0023i	0.0996-0.0033i	0.1026-0.0036i	0.1191-0.0050i
3.1	1.0232-0.0153i	-1.0180+0.0036i	-1.0907+0.0243i	1.0467-0.0190i	0.1021-0.0022i	0.1050-0.0030i	0.1108-0.0033i	0.1269-0.0046i
3.2	1.0414-0.0175i	-1.0356+0.0061i	-1.0974+0.0229i	1.0534-0.0167i	0.1077-0.0023i	0.1106-0.0030i	0.1194-0.0036i	0.1349-0.0044i
3.3	1.0509-0.0170i	-1.0433+0.0055i	-1.0996+0.0229i	1.0555-0.0164i	0.1104-0.0019i	0.1132-0.0027i	0.1235-0.0031i	0.1388-0.0038i
3.4	1.0621-0.0167i	-1.0534+0.0054i	-1.1032+0.0211i	1.0595-0.0142i	0.1135-0.0016i	0.1163-0.0025i	0.1282-0.0026i	0.1435-0.0035i
3.5	1.0727-0.0162i	-1.0630+0.0052i	-1.1093+0.0190i	1.0660-0.0128i	0.1165-0.0013i	0.1193-0.0022i	0.1326-0.0021i	0.1479-0.0033i
3.6	1.0809-0.0159i	-1.0711+0.0053i	-1.1162+0.0175i	1.0729-0.0121i	0.1189-0.0014i	0.1216-0.0022i	0.1360-0.0021i	0.1511-0.0034i
3.7	1.0902-0.0155i	-1.0803+0.0051i	-1.1214+0.0162i	1.0782-0.0104i	0.1213-0.0013i	0.1240-0.0021i	0.1394-0.0019i	0.1549-0.0035i
3.8	1.0988-0.0159i	-1.0880+0.0055i	-1.1266+0.0163i	1.0840-0.0105i	0.1233-0.0014i	0.1259-0.0021i	0.1424-0.0019i	0.1579-0.0036i
3.9	1.1071-0.0155i	-1.0956+0.0047i	-1.1327+0.0167i	1.0904-0.0119i	0.1253-0.0013i	0.1280-0.0020i	0.1453-0.0018i	0.1609-0.0034i
4.0	1.1160-0.0159i	-1.1035+0.0045i	-1.1373+0.0163i	1.0949-0.0120i	0.1271-0.0013i	0.1299-0.0021i	0.1479-0.0017i	0.1637-0.0035i
4.1	1.1240-0.0158i	-1.1109+0.0047i	-1.1405+0.0137i	1.0986-0.0094i	0.1288-0.0013i	0.1315-0.0021i	0.1501-0.0017i	0.1660-0.0035i
4.2	1.1327-0.0168i	-1.1192+0.0061i	-1.1474+0.0121i	1.1055-0.0080i	0.1306-0.0014i	0.1333-0.0022i	0.1525-0.0019i	0.1686-0.0035i
4.3	1.1432-0.0183i	-1.1280+0.0069i	-1.1532+0.0129i	1.1115-0.0081i	0.1325-0.0017i	0.1352-0.0026i	0.1551-0.0024i	0.1713-0.0043i
4.4	1.1516-0.0201i	-1.1351+0.0087i	-1.1591+0.0131i	1.1175-0.0090i	0.1340-0.0022i	0.1366-0.0029i	0.1571-0.0030i	0.1736-0.0052i
4.5	1.1597-0.0197i	-1.1429+0.0087i	-1.1650+0.0109i	1.1243-0.0071i	0.1354-0.0021i	0.1380-0.0027i	0.1589-0.0026i	0.1757-0.0049i
4.6	1.1678-0.0196i	-1.1504+0.0081i	-1.1713+0.0110i	1.1318-0.0068i	0.1368-0.0019i	0.1395-0.0026i	0.1611-0.0023i	0.1778-0.0049i
4.7	1.1759-0.0194i	-1.1573+0.0079i	-1.1783+0.0111i	1.1389-0.0062i	0.1382-0.0017i	0.1408-0.0025i	0.1626-0.0022i	0.1800-0.0048i
4.8	1.1892-0.0204i	-1.1680+0.0097i	-1.1859+0.0122i	1.1486-0.0086i	0.1405-0.0023i	0.1431-0.0030i	0.1658-0.0031i	0.1832-0.0053i
4.9	1.1994-0.0223i	-1.1775+0.0107i	-1.1931+0.0126i	1.1561-0.0090i	0.1423-0.0027i	0.1448-0.0035i	0.1682-0.0037i	0.1854-0.0057i
5.0	1.2112-0.0253i	-1.1884+0.0132i	-1.2011+0.0136i	1.1647-0.0090i	0.1445-0.0031i	0.1470-0.0040i	0.1707-0.0044i	0.1884-0.0060i
5.1	1.2222-0.0245i	-1.1970+0.0146i	-1.2070+0.0147i	1.1716-0.0104i	0.1460-0.0033i	0.1486-0.0040i	0.1727-0.0044i	0.1907-0.0065i
5.2	1.2366-0.0282i	-1.2095+0.0167i	-1.2144+0.0174i	1.1810-0.0130i	0.1484-0.0040i	0.1509-0.0047i	0.1757-0.0055i	0.1947-0.0076i
5.3	1.2464-0.0309i	-1.2184+0.0189i	-1.2192+0.0183i	1.1880-0.0141i	0.1500-0.0045i	0.1524-0.0054i	0.1775-0.0066i	0.1971-0.0084i
5.4	1.2594-0.0349i	-1.2286+0.0206i	-1.2247+0.0205i	1.1970-0.0162i	0.1519-0.0056i	0.1543-0.0064i	0.1795-0.0079i	0.2001-0.0101i
5.5	1.2693-0.0393i	-1.2352+0.0246i	-1.2273+0.0213i	1.2026-0.0185i	0.1532-0.0068i	0.1556-0.0075i	0.1812-0.0093i	0.2013-0.0121i
5.6	1.2809-0.0431i	-1.2440+0.0278i	-1.2330+0.0203i	1.2091-0.0188i	0.1545-0.0077i	0.1569-0.0083i	0.1822-0.0105i	0.2039-0.0136i

5.7	1.3016-0.0458i	-1.2617+0.0286i	-1.2373+0.0188i	1.2176-0.0181i	0.1574-0.0083i	0.1595-0.0090i	0.1852-0.0117i	0.2091-0.0145i
5.8	1.3130-0.0539i	-1.2718+0.0349i	-1.2406+0.0195i	1.2242-0.0211i	0.1590-0.0102i	0.1612-0.0108i	0.1876-0.0142i	0.2106-0.0169i
5.9	1.3222-0.0624i	-1.2776+0.0413i	-1.2446+0.0191i	1.2305-0.0236i	0.1590-0.0120i	0.1613-0.0126i	0.1870-0.0163i	0.2102-0.0202i
6.0	1.3324-0.0658i	-1.2846+0.0426i	-1.2511+0.0147i	1.2418-0.0217i	0.1590-0.0122i	0.1610-0.0131i	0.1855-0.0160i	0.2108-0.0218i
6.1	1.3519-0.0677i	-1.2979+0.0435i	-1.2600+0.0135i	1.2555-0.0200i	0.1607-0.0117i	0.1627-0.0127i	0.1870-0.0144i	0.2135-0.0217i
6.2	1.3702-0.0654i	-1.3108+0.0406i	-1.2643+0.0113i	1.2664-0.0192i	0.1626-0.0110i	0.1647-0.0117i	0.1891-0.0135i	0.2166-0.0198i
6.3	1.3911-0.0658i	-1.3245+0.0395i	-1.2681+0.0084i	1.2802-0.0184i	0.1654-0.0106i	0.1674-0.0112i	0.1920-0.0128i	0.2208-0.0200i
6.4	1.4236-0.0749i	-1.3440+0.0415i	-1.2700+0.0069i	1.2964-0.0235i	0.1699-0.0111i	0.1717-0.0116i	0.1974-0.0123i	0.2267-0.0215i
6.5	1.4512-0.0795i	-1.3591+0.0422i	-1.2706+0.0042i	1.3120-0.0262i	0.1731-0.0121i	0.1747-0.0126i	0.2008-0.0131i	0.2314-0.0225i
6.6	1.4937-0.0995i	-1.3840+0.0513i	-1.2685-0.0047i	1.3322-0.0310i	0.1779-0.0143i	0.1793-0.0148i	0.2057-0.0149i	0.2392-0.0266i
6.7	1.5401-0.1282i	-1.4099+0.0613i	-1.2646-0.0165i	1.3520-0.0375i	0.1832-0.0170i	0.1840-0.0172i	0.2117-0.0155i	0.2464-0.0334i
6.8	1.6105-0.1667i	-1.4416+0.0743i	-1.2491-0.0364i	1.3827-0.0474i	0.1910-0.0213i	0.1911-0.0207i	0.2205-0.0189i	0.2577-0.0410i
6.9	1.6799-0.2611i	-1.4710+0.1021i	-1.2327-0.0838i	1.4125-0.0824i	0.1985-0.0315i	0.1980-0.0295i	0.2282-0.0283i	0.2692-0.0579i
7.0	1.7359-0.4185i	-1.4966+0.1445i	-1.2163-0.1667i	1.4378-0.1362i	0.2046-0.0480i	0.2033-0.0438i	0.2364-0.0438i	0.2760-0.0840i
7.1	1.5757-0.6762i	-1.4675+0.2138i	-1.3207-0.3092i	1.3892-0.2231i	0.1878-0.0738i	0.1893-0.0661i	0.2239-0.0693i	0.2450-0.1230i
7.2	1.2604-0.6799i	-1.4066+0.2110i	-1.5268-0.3184i	1.2866-0.2257i	0.1570-0.0720i	0.1633-0.0647i	0.1965-0.0686i	0.1950-0.1172i
7.3	1.1451-0.5353i	-1.4056+0.1763i	-1.6308-0.2378i	1.2486-0.1752i	0.1488-0.0572i	0.1570-0.0520i	0.1901-0.0569i	0.1834-0.0916i
7.4	1.0929-0.4027i	-1.4031+0.1559i	-1.6800-0.1552i	1.2358-0.1248i	0.1438-0.0458i	0.1532-0.0427i	0.1842-0.0481i	0.1777-0.0734i
7.5	1.1266-0.2408i	-1.4291+0.1224i	-1.6911-0.0590i	1.2548-0.0651i	0.1480-0.0298i	0.1573-0.0293i	0.1861-0.0320i	0.1857-0.0498i
7.6	1.2347-0.1861i	-1.4818+0.1168i	-1.6710-0.0211i	1.2978-0.0428i	0.1609-0.0245i	0.1688-0.0251i	0.1982-0.0241i	0.2067-0.0452i
7.7	1.3108-0.1814i	-1.5246+0.1257i	-1.6625-0.0110i	1.3280-0.0335i	0.1704-0.0250i	0.1774-0.0256i	0.2092-0.0242i	0.2208-0.0464i
7.8	1.3734-0.2019i	-1.5725+0.1525i	-1.6770-0.0089i	1.3547-0.0317i	0.1784-0.0290i	0.1853-0.0299i	0.2199-0.0284i	0.2316-0.0540i
7.9	1.3813-0.2107i	-1.5886+0.1703i	-1.6933-0.0003i	1.3700-0.0289i	0.1804-0.0314i	0.1869-0.0325i	0.2229-0.0314i	0.2332-0.0577i
8.0	1.4053-0.2134i	-1.6092+0.1883i	-1.7052+0.0209i	1.3879-0.0249i	0.1842-0.0327i	0.1898-0.0343i	0.2287-0.0340i	0.2361-0.0593i
8.1	1.4386-0.2235i	-1.6353+0.2099i	-1.7190+0.0243i	1.4084-0.0158i	0.1879-0.0360i	0.1936-0.0375i	0.2341-0.0381i	0.2406-0.0648i
8.2	1.4729-0.2209i	-1.6710+0.2192i	-1.7436+0.0312i	1.4285-0.0108i	0.1920-0.0368i	0.1978-0.0385i	0.2389-0.0393i	0.2453-0.0669i
8.3	1.5276-0.2221i	-1.7285+0.2364i	-1.7736+0.0522i	1.4512-0.0102i	0.1997-0.0379i	0.2052-0.0398i	0.2493-0.0405i	0.2548-0.0683i
8.4	1.5681-0.2435i	-1.7652+0.2721i	-1.7826+0.0671i	1.4658-0.0113i	0.2056-0.0417i	0.2108-0.0441i	0.2577-0.0456i	0.2622-0.0738i
8.5	1.6220-0.2657i	-1.8192+0.3067i	-1.8017+0.0678i	1.4812-0.0029i	0.2141-0.0465i	0.2189-0.0490i	0.2694-0.0522i	0.2731-0.0807i
8.6	1.6739-0.3266i	-1.8747+0.3801i	-1.8280+0.0785i	1.4958+0.0058i	0.2224-0.0574i	0.2266-0.0592i	0.2810-0.0658i	0.2828-0.0964i
8.7	1.7108-0.3858i	-1.9220+0.4539i	-1.8475+0.0847i	1.5112+0.0239i	0.2291-0.0681i	0.2329-0.0694i	0.2912-0.0805i	0.2897-0.1105i
8.8	1.7665-0.4558i	-1.9904+0.5500i	-1.8775+0.0901i	1.5241+0.0478i	0.2390-0.0818i	0.2425-0.0828i	0.3043-0.0987i	0.3026-0.1300i
8.9	1.8221-0.5866i	-2.0557+0.7267i	-1.9222+0.1068i	1.5510+0.0824i	0.2481-0.1075i	0.2511-0.1076i	0.3162-0.1324i	0.3134-0.1662i
9.0	1.7779-0.7298i	-1.9960+0.9159i	-1.9497+0.1269i	1.5964+0.1146i	0.2388-0.1353i	0.2417-0.1341i	0.3049-0.1696i	0.2983-0.2031i
9.1	1.6645-0.8167i	-1.8533+1.0402i	-1.9757+0.1454i	1.6581+0.1378i	0.2171-0.1532i	0.2213-0.1509i	0.2766-0.1945i	0.2685-0.2257i
9.2	1.6443-1.0565i	-1.8208+1.3799i	-2.0266+0.1882i	1.7152+0.2077i	0.2118-0.2013i	0.2163-0.1971i	0.2721-0.2559i	0.2581-0.2950i
9.3	1.2753-1.2016i	-1.3178+1.5912i	-2.0379+0.2344i	1.8647+0.2384i	0.1379-0.2313i	0.1461-0.2260i	0.1819-0.2973i	0.1490-0.3339i
9.4	0.8703-1.0074i	-0.7603+1.3423i	-2.0271+0.2575i	2.0224+0.1659i	0.0569-0.1941i	0.0693-0.1906i	0.0776-0.2557i	0.0343-0.2748i
9.5	0.7797-0.7017i	-0.6219+0.9385i	-2.0420+0.2473i	2.0960+0.0713i	0.0365-0.1348i	0.0501-0.1342i	0.0464-0.1843i	0.0108-0.1864i
9.6	0.8462-0.4845i	-0.6957+0.6475i	-2.0708+0.2520i	2.1214-0.0048i	0.0473-0.0924i	0.0601-0.0942i	0.0543-0.1318i	0.0309-0.1262i
9.7	0.9206-0.3217i	-0.7837+0.4361i	-2.1037+0.2663i	2.1484-0.0634i	0.0602-0.0622i	0.0715-0.0664i	0.0639-0.0910i	0.0541-0.0882i
9.8	1.0318-0.2234i	-0.9196+0.3115i	-2.1468+0.2974i	2.1740-0.1289i	0.0790-0.0449i	0.0892-0.0498i	0.0862-0.0641i	0.0809-0.0683i
9.9	1.1066-0.1437i	-1.0032+0.2218i	-2.1838+0.3254i	2.2007-0.1737i	0.0903-0.0330i	0.1000-0.0382i	0.1031-0.0451i	0.0930-0.0555i
10.0	1.2125-0.0664i	-1.1217+0.1356i	-2.2001+0.3863i	2.2058-0.2458i	0.1054-0.0206i	0.1141-0.0262i	0.1290-0.0263i	0.1061-0.0417i
10.1	1.3523-0.0284i	-1.2659+0.0930i	-2.1673+0.4168i	2.1693-0.2818i	0.1236-0.0139i	0.1316-0.0192i	0.1565-0.0245i	0.1245-0.0247i
10.2	1.4621-0.0388i	-1.3742+0.1028i	-2.1456+0.3999i	2.1495-0.2700i	0.1382-0.0134i	0.1454-0.0185i	0.1744-0.0319i	0.1426-0.0155i
10.3	1.5203-0.0755i	-1.4292+0.1327i	-2.1627+0.3625i	2.1711-0.2436i	0.1464-0.0166i	0.1534-0.0208i	0.1805-0.0385i	0.1574-0.0147i
10.4	1.5588-0.0867i	-1.4666+0.1340i	-2.1968+0.3277i	2.2046-0.2261i	0.1523-0.0163i	0.1593-0.0201i	0.1831-0.0381i	0.1702-0.0124i
10.5	1.6117-0.0902i	-1.5161+0.1244i	-2.2444+0.2997i	2.2490-0.2108i	0.1591-0.0150i	0.1665-0.0191i	0.1880-0.0371i	0.1829-0.0093i
10.6	1.6709-0.1021i	-1.5769+0.1263i	-2.3231+0.2898i	2.3191-0.2133i	0.1670-0.0152i	0.1749-0.0191i	0.1945-0.0342i	0.1965-0.0113i
10.7	1.7266-0.1062i	-1.6380+0.1205i	-2.4017+0.2807i	2.3865-0.2146i	0.1752-0.0144i	0.1827-0.0183i	0.2020-0.0311i	0.2093-0.0115i
10.8	1.7708-0.1003i	-1.6866+0.1061i	-2.4648+0.2713i	2.4402-0.2106i	0.1816-0.0133i	0.1894-0.0174i	0.2086-0.0289i	0.2202-0.0104i
10.9	1.8218-0.0998i	-1.7443+0.1032i	-2.5426+0.2742i	2.5088-0.2177i	0.1883-0.0131i	0.1966-0.0174i	0.2165-0.0277i	0.2295-0.0116i
11.0	1.8975-0.1190i	-1.8260+0.1204i	-2.6440+0.2859i	2.6007-0.2292i	0.1978-0.0146i	0.2063-0.0191i	0.2271-0.0289i	0.2430-0.0144i
11.1	1.9784-0.1400i	-1.9092+0.1381i	-2.7588+0.2929i	2.7074-0.2367i	0.2078-0.0165i	0.2164-0.0213i	0.2372-0.0300i	0.2574-0.0181i
11.2	2.0458-0.1477i	-1.9792+0.1416i	-2.8572+0.3017i	2.7978-0.2489i	0.2158-0.0178i	0.2246-0.0221i	0.2461-0.0307i	0.2691-0.0202i
11.3	2.0960-0.1583i	-2.0322+0.1455i	-2.9689+0.3250i	2.9020-0.2749i	0.2225-0.0186i	0.2312-0.0229i	0.2539-0.0301i	0.2781-0.0223i
11.4	2.1535-0.1653i	-2.0913+0.1524i	-3.0825+0.3413i	3.0117-0.2903i	0.2293-0.0190i	0.2385-0.0242i	0.2626-0.0314i	0.2872-0.0227i
11.5	2.2292-0.1719i	-2.1676+0.1570i	-3.2228+0.3545i	3.1443-0.3054i	0.2383-0.0196i	0.2481-0.0250i	0.2725-0.0309i	0.3000-0.0254i
11.6	2.2982-0.1927i	-2.2386+0.1722i	-3.3726+0.3856i	3.2827-0.3393i	0.2463-0.0217i	0.2569-0.0269i	0.2820-0.0318i	0.3114-0.0301i
11.7	2.4018-0.2016i	-2.3449+0.1767i	-3.5434+0.4109i	3.4414-0.3603i	0.2582-0.0225i	0.2691-0.0281i	0.2954-0.0326i	0.3273-0.0314i
11.8	2.4908-0.2059i	-2.4397+0.1793i	-3.7439+0.4441i	3.6297-0.3907i	0.2689-0.0234i	0.2805-0.0293i	0.3062-0.0317i	0.3424-0.0353i
11.9	2.5988-0.2505i	-2.5515+0.2237i	-3.9620+0.5308i	3.8355-0.4748i	0.2816-0.0288i	0.2935-0.0348i	0.3204-0.0359i	0.3596-0.0445i

12.0	2.7041-0.2870i	-2.6528+0.2612i	-4.1984+0.6256i	4.0641-0.5605i	0.2933-0.0324i	0.3059-0.0396i	0.3342-0.0400i	0.3750-0.0505i
12.1	2.8165-0.2830i	-2.7647+0.2577i	-4.4665+0.7024i	4.3177-0.6297i	0.3062-0.0324i	0.3194-0.0402i	0.3496-0.0389i	0.3914-0.0522i
12.2	2.9859-0.3648i	-2.9360+0.3326i	-4.8006+0.8590i	4.6380-0.7697i	0.3245-0.0413i	0.3386-0.0504i	0.3707-0.0462i	0.4144-0.0672i
12.3	3.1379-0.4213i	-3.0911+0.3886i	-5.1865+1.0034i	5.0111-0.8996i	0.3411-0.0478i	0.3566-0.0582i	0.3879-0.0512i	0.4377-0.0790i
12.4	3.2440-0.4905i	-3.1882+0.4555i	-5.5302+1.3079i	5.3577-1.1867i	0.3522-0.0553i	0.3682-0.0676i	0.4010-0.0561i	0.4518-0.0953i
12.5	3.4063-0.5503i	-3.3382+0.5122i	-5.8631+1.7176i	5.6875-1.5821i	0.3689-0.0619i	0.3854-0.0761i	0.4241-0.0587i	0.4695-0.1100i
12.6	3.6096-0.6079i	-3.5392+0.5550i	-6.4020+2.1324i	6.2119-1.9799i	0.3912-0.0682i	0.4085-0.0837i	0.4533-0.0568i	0.4938-0.1278i
12.7	3.7695-0.6827i	-3.6984+0.6141i	-6.7286+2.5182i	6.5335-2.3575i	0.4093-0.0761i	0.4262-0.0922i	0.4793-0.0608i	0.5095-0.1433i
12.8	4.1040-0.7504i	-4.0277+0.6652i	-7.3128+3.3251i	7.1001-3.1430i	0.4445-0.0824i	0.4624-0.1022i	0.5354-0.0632i	0.5387-0.1570i
12.9	4.3582-0.9290i	-4.2882+0.8305i	-7.6424+4.0518i	7.4124-3.8470i	0.4718-0.1006i	0.4903-0.1242i	0.5770-0.0883i	0.5629-0.1783i
13.0	4.7525-1.2076i	-4.6991+1.0822i	-8.3954+5.3323i	8.1340-5.0782i	0.5149-0.1300i	0.5339-0.1584i	0.6441-0.1313i	0.5997-0.2099i
13.1	4.9459-1.3165i	-4.9147+1.1786i	-8.8393+6.4949i	8.5733-6.2054i	0.5377-0.1409i	0.5556-0.1735i	0.6806-0.1533i	0.6158-0.2172i
13.2	5.3767-1.6790i	-5.3701+1.5156i	-9.3480+8.8205i	9.0737-8.4401i	0.5861-0.1785i	0.6019-0.2189i	0.7451-0.2153i	0.6654-0.2502i
13.3	5.9322-1.9861i	-5.9464+1.8030i	-9.4119+11.9580i	9.1422-11.4600i	0.6468-0.2103i	0.6593-0.2596i	0.8205-0.2740i	0.7345-0.2745i
13.4	6.4994-2.5955i	-6.5815+2.4027i	-6.2524+15.8201i	6.1148-15.2074i	0.7137-0.2749i	0.7107-0.3321i	0.8846-0.3776i	0.8209-0.3327i
13.5	7.2801-3.3818i	-7.4221+3.2141i	-1.7272+17.2346i	1.7407-16.6142i	0.8027-0.3662i	0.7848-0.4192i	0.9618-0.4998i	0.9490-0.4291i
13.6	7.8664-5.3211i	-8.0593+5.2155i	3.9966+16.3400i	-3.8059-15.7704i	0.8662-0.5832i	0.8326-0.6259i	0.9959-0.7524i	1.0552-0.6947i
13.7	8.4093-7.6310i	-8.6166+7.6070i	7.4229+13.1614i	-7.1383-12.6988i	0.9224-0.8405i	0.8814-0.8690i	1.0332-1.0345i	1.1377-1.0286i
13.8	8.3913-9.4953i	-8.5835+9.5261i	8.1606+10.3653i	-7.8707-9.9812i	0.9157-1.0460i	0.8763-1.0639i	1.0137-1.2510i	1.1351-1.3005i
13.9	7.3372-12.3844i	-7.4981+12.4598i	8.1549+7.9246i	-7.8801-7.6014i	0.7948-1.3601i	0.7598-1.3683i	0.8716-1.5911i	0.9797-1.7035i
14.0	3.6677-14.5337i	-3.7824+14.6392i	7.5960+6.0057i	-7.3379-5.7259i	0.3914-1.5897i	0.3626-1.5926i	0.4176-1.8360i	0.4622-1.9911i
14.1	-0.1488-15.2589i	0.0841+15.3868i	7.0860+4.7768i	-6.8319-4.5180i	-0.0262-1.6654i	-0.0473-1.6654i	-0.0443-1.9111i	-0.0716-2.0821i
14.2	-3.9765-13.9593i	3.9515+14.0686i	6.6279+3.7739i	-6.3756-3.5354i	-0.4432-1.5179i	-0.4595-1.5197i	-0.5093-1.7445i	-0.5973-1.8879i
14.3	-6.5726-10.9577i	6.5647+11.0398i	6.1677+2.9017i	-5.9125-2.6870i	-0.7215-1.1855i	-0.7368-1.1915i	-0.8269-1.3726i	-0.9383-1.4609i
14.4	-7.4008-8.0412i	7.4030+8.1118i	5.6433+2.1855i	-5.3819-2.0018i	-0.8073-0.8667i	-0.8235-0.8740i	-0.9278-1.0156i	-1.0375-1.0548i
14.5	-7.2362-5.2854i	7.2362+5.3404i	5.0255+1.6550i	-4.7612-1.5000i	-0.7854-0.5680i	-0.8029-0.5751i	-0.9078-0.6769i	-1.0020-0.6788i
14.6	-6.8336-4.3081i	6.8333+4.3545i	4.6330+1.4584i	-4.3634-1.3210i	-0.7410-0.4617i	-0.7591-0.4685i	-0.8615-0.5547i	-0.9438-0.5454i
14.7	-6.2506-3.2690i	6.2426+3.3043i	4.2183+1.2530i	-3.9672-1.1502i	-0.6747-0.3479i	-0.6939-0.3529i	-0.7899-0.4187i	-0.8556-0.4059i
14.8	-5.6539-2.4465i	5.6412+2.4947i	3.8845+1.1286i	-3.6502-1.0269i	-0.6069-0.2615i	-0.6263-0.2642i	-0.7119-0.3153i	-0.7686-0.3004i
14.9	-4.9314-1.9553i	4.9423+2.0146i	3.6614+1.0409i	-3.4186-0.9447i	-0.5308-0.2113i	-0.5485-0.2119i	-0.6245-0.2569i	-0.6702-0.2375i
15.0	-4.5943-1.6612i	4.6203+1.7139i	3.5219+0.9043i	-3.2705-0.8249i	-0.4958-0.1793i	-0.5130-0.1788i	-0.5895-0.2186i	-0.6199-0.1976i
15.1	-4.2573-1.3877i	4.2907+1.4258i	3.3100+0.7283i	-3.0612-0.6754i	-0.4602-0.1483i	-0.4765-0.1466i	-0.5482-0.1758i	-0.5746-0.1648i
15.2	-3.7714-1.1724i	3.8065+1.2008i	3.0478+0.5988i	-2.8141-0.5681i	-0.4077-0.1242i	-0.4219-0.1217i	-0.4831-0.1460i	-0.5104-0.1370i
15.3	-3.5046-1.0148i	3.5375+1.0398i	2.8631+0.5257i	-2.6429-0.5078i	-0.3783-0.1068i	-0.3915-0.1036i	-0.4476-0.1248i	-0.4734-0.1156i
15.4	-3.2526-0.8652i	3.2844+0.8844i	2.6716+0.4472i	-2.4663-0.4392i	-0.3504-0.0900i	-0.3625-0.0867i	-0.4141-0.1039i	-0.4381-0.0962i
15.5	-3.0302-0.7460i	3.0631+0.7603i	2.5083+0.3802i	-2.3138-0.3795i	-0.3259-0.0767i	-0.3370-0.0733i	-0.3841-0.0878i	-0.4073-0.0807i
15.6	-2.8464-0.6861i	2.8795+0.6986i	2.3528+0.3525i	-2.1682-0.3579i	-0.3057-0.0703i	-0.3159-0.0667i	-0.3594-0.0806i	-0.3816-0.0729i
15.7	-2.7132-0.6389i	2.7469+0.6473i	2.2399+0.3335i	-2.0626-0.3441i	-0.2910-0.0649i	-0.3007-0.0616i	-0.3418-0.0746i	-0.3630-0.0667i
15.8	-2.4692-0.5303i	2.5038+0.5337i	2.0777+0.2974i	-1.9086-0.3110i	-0.2641-0.0528i	-0.2730-0.0498i	-0.3100-0.0606i	-0.3295-0.0530i
15.9	-2.2961-0.4748i	2.3298+0.4742i	1.9496+0.2731i	-1.7903-0.2926i	-0.2452-0.0462i	-0.2534-0.0432i	-0.2874-0.0528i	-0.3056-0.0448i
16.0	-2.2009-0.4572i	2.2314+0.4521i	1.8645+0.2712i	-1.7137-0.2977i	-0.2345-0.0438i	-0.2423-0.0409i	-0.2741-0.0499i	-0.2924-0.0420i
16.1	-2.0653-0.4174i	2.0884+0.4095i	1.7493+0.2693i	-1.6126-0.2964i	-0.2184-0.0396i	-0.2258-0.0368i	-0.2547-0.0454i	-0.2722-0.0379i
16.2	-1.9686-0.3649i	1.9886+0.3580i	1.6604+0.2684i	-1.5322-0.2923i	-0.2075-0.0346i	-0.2148-0.0320i	-0.2418-0.0395i	-0.2585-0.0328i
16.3	-1.8640-0.3385i	1.8853+0.3332i	1.5865+0.2791i	-1.4643-0.3030i	-0.1972-0.0318i	-0.2038-0.0294i	-0.2299-0.0366i	-0.2456-0.0290i
16.4	-1.7758-0.2998i	1.7975+0.2955i	1.5325+0.2823i	-1.4129-0.3051i	-0.1882-0.0271i	-0.1945-0.0247i	-0.2196-0.0313i	-0.2346-0.0231i
16.5	-1.6742-0.2861i	1.6941+0.2798i	1.4887+0.2921i	-1.3727-0.3142i	-0.1766-0.0243i	-0.1830-0.0220i	-0.2067-0.0281i	-0.2204-0.0193i
16.6	-1.5806-0.2597i	1.5956+0.2515i	1.4523+0.2854i	-1.3456-0.3098i	-0.1647-0.0199i	-0.1710-0.0180i	-0.1924-0.0222i	-0.2046-0.0140i
16.7	-1.5061-0.2358i	1.5191+0.2334i	1.4214+0.2645i	-1.3187-0.2839i	-0.1549-0.0182i	-0.1612-0.0160i	-0.1804-0.0203i	-0.1919-0.0121i
16.8	-1.4259-0.2178i	1.4449+0.2210i	1.3860+0.2313i	-1.2809-0.2471i	-0.1463-0.0178i	-0.1521-0.0151i	-0.1703-0.0196i	-0.1806-0.0113i
16.9	-1.3731-0.2191i	1.4019+0.2188i	1.3342+0.2100i	-1.2232-0.2317i	-0.1421-0.0178i	-0.1475-0.0149i	-0.1661-0.0200i	-0.1753-0.0113i
17.0	-1.3106-0.2246i	1.3413+0.2150i	1.2860+0.2053i	-1.1742-0.2371i	-0.1359-0.0169i	-0.1411-0.0140i	-0.1594-0.0183i	-0.1678-0.0103i
17.1	-1.2614-0.2163i	1.2852+0.2002i	1.2496+0.1783i	-1.1452-0.2154i	-0.1292-0.0144i	-0.1346-0.0119i	-0.1516-0.0142i	-0.1591-0.0070i
17.2	-1.2001-0.1805i	1.2168+0.1693i	1.2093+0.1383i	-1.1119-0.1709i	-0.1210-0.0114i	-0.1262-0.0088i	-0.1412-0.0105i	-0.1478-0.0044i
17.3	-1.1386-0.1803i	1.1567+0.1686i	1.1543+0.1277i	-1.0513-0.1637i	-0.1146-0.0109i	-0.1198-0.0080i	-0.1338-0.0092i	-0.1404-0.0040i
17.4	-1.0844-0.1852i	1.1035+0.1695i	1.0967+0.1188i	-0.9979-0.1646i	-0.1082-0.0097i	-0.1130-0.0067i	-0.1261-0.0068i	-0.1323-0.0015i
17.5	-1.0505-0.1756i	1.0683+0.1571i	1.0533+0.1075i	-0.9645-0.1591i	-0.1028-0.0079i	-0.1073-0.0047i	-0.1185-0.0041i	-0.1253+0.0013i
17.6	-1.0339-0.1598i	1.0518+0.1436i	1.0207+0.1023i	-0.9398-0.1565i	-0.0996-0.0065i	-0.1040-0.0031i	-0.1137-0.0018i	-0.1207+0.0030i
17.7	-0.9874-0.1473i	1.0037+0.1321i	0.9720+0.1000i	-0.9002-0.1542i	-0.0931-0.0058i	-0.0969-0.0022i	-0.1048-0.0000i	-0.1115+0.0028i
17.8	-0.9410-0.1348i	0.9510+0.1198i	0.9383+0.0998i	-0.8728-0.1529i	-0.0864-0.0049i	-0.0899-0.0014i	-0.0958+0.0011i	-0.1029+0.0031i
17.9	-0.9169-0.1218i	0.9261+0.1080i	0.9184+0.0951i	-0.8577-0.1452i	-0.0830-0.0041i	-0.0859-0.0006i	-0.0911+0.0014i	-0.0977+0.0045i
18.0	-0.8695-0.1176i	0.8849+0.1047i	0.8840+0.0879i	-0.8292-0.1363i	-0.0782-0.0048i	-0.0803-0.0014i	-0.0840+0.0002i	-0.0915+0.0032i
18.1	-0.8297-0.1206i	0.8454+0.1062i	0.8461+0.0866i	-0.7956-0.1335i	-0.0733-0.0057i	-0.0753-0.0027i	-0.0778-0.0020i	-0.0855+0.0013i
18.2	-0.8061-0.1160i	0.8208+0.1004i	0.8206+0.0828i	-0.7724-0.1265i	-0.0703-0.0054i	-0.0719-0.0026i	-0.0735-0.0019i	-0.0817+0.0014i

18.3	-0.7845-0.1061i	0.7952+0.0909i	0.7958+0.0754i	-0.7481-0.1189i	-0.0673-0.0046i	-0.0691-0.0023i	-0.0701-0.0021i	-0.0773+0.0025i
18.4	-0.7587-0.0867i	0.7669+0.0697i	0.7684+0.0649i	-0.7272-0.1067i	-0.0638-0.0027i	-0.0653-0.0008i	-0.0656-0.0004i	-0.0722+0.0037i
18.5	-0.7400-0.0868i	0.7471+0.0718i	0.7432+0.0705i	-0.7084-0.1078i	-0.0613-0.0034i	-0.0627-0.0017i	-0.0625-0.0015i	-0.0691+0.0020i
18.6	-0.7133-0.0874i	0.7205+0.0790i	0.7223+0.0756i	-0.6855-0.1074i	-0.0580-0.0047i	-0.0595-0.0031i	-0.0587-0.0038i	-0.0651+0.0007i
18.7	-0.6717-0.0807i	0.6844+0.0732i	0.7040+0.0734i	-0.6610-0.1025i	-0.0541-0.0045i	-0.0553-0.0030i	-0.0539-0.0047i	-0.0600+0.0010i
18.8	-0.6496-0.0882i	0.6660+0.0754i	0.6830+0.0688i	-0.6379-0.1007i	-0.0524-0.0051i	-0.0531-0.0036i	-0.0519-0.0056i	-0.0574+0.0001i
18.9	-0.6206-0.0813i	0.6377+0.0650i	0.6599+0.0574i	-0.6168-0.0897i	-0.0489-0.0045i	-0.0498-0.0029i	-0.0476-0.0041i	-0.0537+0.0003i
19.0	-0.6027-0.0693i	0.6190+0.0500i	0.6407+0.0469i	-0.5991-0.0813i	-0.0466-0.0030i	-0.0478-0.0019i	-0.0450-0.0027i	-0.0508+0.0019i
19.1	-0.5869-0.0551i	0.6044+0.0371i	0.6221+0.0404i	-0.5836-0.0748i	-0.0447-0.0017i	-0.0458-0.0006i	-0.0434-0.0011i	-0.0476+0.0033i
19.2	-0.5522-0.0652i	0.5675+0.0454i	0.5924+0.0381i	-0.5575-0.0709i	-0.0409-0.0030i	-0.0414-0.0018i	-0.0384-0.0029i	-0.0432+0.0016i
19.3	-0.5227-0.0675i	0.5380+0.0462i	0.5696+0.0369i	-0.5332-0.0717i	-0.0373-0.0034i	-0.0382-0.0018i	-0.0334-0.0038i	-0.0400+0.0020i
19.4	-0.5013-0.0633i	0.5151+0.0421i	0.5484+0.0343i	-0.5133-0.0701i	-0.0346-0.0031i	-0.0357-0.0018i	-0.0309-0.0040i	-0.0360+0.0029i
19.5	-0.4899-0.0625i	0.5029+0.0359i	0.5306+0.0287i	-0.5008-0.0658i	-0.0333-0.0021i	-0.0341-0.0012i	-0.0298-0.0031i	-0.0330+0.0034i
19.6	-0.4716-0.0583i	0.4818+0.0291i	0.5119+0.0264i	-0.4858-0.0646i	-0.0307-0.0014i	-0.0319-0.0009i	-0.0264-0.0014i	-0.0302+0.0026i
19.7	-0.4600-0.0550i	0.4683+0.0261i	0.4975+0.0260i	-0.4718-0.0643i	-0.0289-0.0012i	-0.0303-0.0007i	-0.0248-0.0011i	-0.0274+0.0030i
19.8	-0.4413-0.0596i	0.4464+0.0326i	0.4773+0.0312i	-0.4541-0.0682i	-0.0264-0.0023i	-0.0276-0.0015i	-0.0219-0.0032i	-0.0241+0.0026i
19.9	-0.4265-0.0609i	0.4319+0.0359i	0.4642+0.0319i	-0.4430-0.0684i	-0.0247-0.0028i	-0.0256-0.0021i	-0.0198-0.0043i	-0.0215+0.0020i
20.0	-0.4148-0.0526i	0.4173+0.0277i	0.4472+0.0267i	-0.4299-0.0619i	-0.0229-0.0020i	-0.0239-0.0016i	-0.0180-0.0033i	-0.0187+0.0022i
20.1	-0.3933-0.0468i	0.3931+0.0233i	0.4304+0.0226i	-0.4156-0.0544i	-0.0198-0.0016i	-0.0211-0.0012i	-0.0138-0.0029i	-0.0147+0.0024i
20.2	-0.3863-0.0442i	0.3840+0.0224i	0.4160+0.0220i	-0.4046-0.0513i	-0.0185-0.0014i	-0.0197-0.0012i	-0.0122-0.0029i	-0.0123+0.0028i
20.3	-0.3730-0.0441i	0.3741+0.0251i	0.4038+0.0241i	-0.3943-0.0512i	-0.0172-0.0020i	-0.0184-0.0015i	-0.0108-0.0040i	-0.0110+0.0016i
20.4	-0.3524-0.0450i	0.3506+0.0290i	0.3838+0.0264i	-0.3748-0.0500i	-0.0144-0.0025i	-0.0157-0.0022i	-0.0074-0.0044i	-0.0079+0.0004i
20.5	-0.3497-0.0489i	0.3487+0.0316i	0.3768+0.0297i	-0.3676-0.0524i	-0.0142-0.0031i	-0.0153-0.0029i	-0.0080-0.0054i	-0.0069-0.0003i
20.6	-0.3298-0.0438i	0.3307+0.0297i	0.3558+0.0252i	-0.3487-0.0477i	-0.0121-0.0028i	-0.0129-0.0025i	-0.0055-0.0055i	-0.0033+0.0002i
20.7	-0.3082-0.0362i	0.3104+0.0212i	0.3413+0.0217i	-0.3322-0.0447i	-0.0090-0.0022i	-0.0105-0.0018i	-0.0016-0.0038i	0.0002-0.0000i
20.8	-0.2973-0.0384i	0.2981+0.0251i	0.3303+0.0238i	-0.3230-0.0453i	-0.0077-0.0031i	-0.0087-0.0025i	-0.0001-0.0048i	0.0025-0.0012i
20.9	-0.2801-0.0441i	0.2819+0.0287i	0.3175+0.0266i	-0.3100-0.0499i	-0.0057-0.0037i	-0.0065-0.0032i	0.0024-0.0051i	0.0053-0.0028i
21.0	-0.2712-0.0378i	0.2726+0.0227i	0.3034+0.0246i	-0.2975-0.0424i	-0.0045-0.0031i	-0.0051-0.0027i	0.0042-0.0045i	0.0067-0.0023i
21.1	-0.2616-0.0344i	0.2625+0.0223i	0.2913+0.0213i	-0.2873-0.0410i	-0.0035-0.0035i	-0.0043-0.0028i	0.0052-0.0052i	0.0081-0.0019i
21.2	-0.2450-0.0403i	0.2477+0.0262i	0.2786+0.0272i	-0.2756-0.0459i	-0.0018-0.0041i	-0.0022-0.0035i	0.0075-0.0049i	0.0111-0.0049i
21.3	-0.2462-0.0459i	0.2471+0.0328i	0.2712+0.0308i	-0.2720-0.0507i	-0.0016-0.0047i	-0.0017-0.0042i	0.0084-0.0061i	0.0111-0.0055i
21.4	-0.2311-0.0319i	0.2327+0.0195i	0.2601+0.0243i	-0.2603-0.0413i	0.0008-0.0035i	0.0003-0.0030i	0.0112-0.0047i	0.0138-0.0043i
21.5	-0.2183-0.0305i	0.2202+0.0161i	0.2482+0.0246i	-0.2463-0.0386i	0.0025-0.0036i	0.0020-0.0030i	0.0130-0.0045i	0.0157-0.0045i
21.6	-0.2049-0.0198i	0.2056+0.0085i	0.2339+0.0252i	-0.2343-0.0336i	0.0045-0.0030i	0.0040-0.0027i	0.0159-0.0037i	0.0177-0.0042i
21.7	-0.1954-0.0295i	0.1966+0.0188i	0.2268+0.0305i	-0.2241-0.0400i	0.0054-0.0041i	0.0050-0.0041i	0.0175-0.0051i	0.0189-0.0067i
21.8	-0.1825-0.0279i	0.1852+0.0174i	0.2213+0.0287i	-0.2167-0.0391i	0.0068-0.0042i	0.0064-0.0039i	0.0194-0.0050i	0.0202-0.0066i
21.9	-0.1607-0.0240i	0.1613+0.0168i	0.2060+0.0283i	-0.1999-0.0364i	0.0096-0.0044i	0.0089-0.0043i	0.0231-0.0054i	0.0232-0.0078i
22.0	-0.1558-0.0198i	0.1590+0.0110i	0.1993+0.0286i	-0.1927-0.0355i	0.0104-0.0038i	0.0101-0.0041i	0.0243-0.0055i	0.0249-0.0071i
22.1	-0.1417-0.0164i	0.1430+0.0069i	0.1869+0.0268i	-0.1803-0.0306i	0.0129-0.0040i	0.0121-0.0044i	0.0272-0.0051i	0.0278-0.0076i
22.2	-0.1338-0.0302i	0.1360+0.0232i	0.1806+0.0360i	-0.1697-0.0402i	0.0128-0.0056i	0.0122-0.0059i	0.0277-0.0074i	0.0268-0.0096i
22.3	-0.1275-0.0327i	0.1327+0.0268i	0.1744+0.0420i	-0.1617-0.0447i	0.0132-0.0056i	0.0128-0.0063i	0.0282-0.0085i	0.0276-0.0098i
22.4	-0.1200-0.0204i	0.1277+0.0131i	0.1647+0.0332i	-0.1561-0.0363i	0.0145-0.0044i	0.0139-0.0048i	0.0298-0.0070i	0.0290-0.0083i
22.5	-0.1080-0.0196i	0.1166+0.0123i	0.1592+0.0334i	-0.1506-0.0349i	0.0157-0.0047i	0.0150-0.0050i	0.0311-0.0072i	0.0303-0.0084i
22.6	-0.0986-0.0249i	0.1101+0.0188i	0.1498+0.0388i	-0.1421-0.0397i	0.0164-0.0054i	0.0156-0.0060i	0.0320-0.0083i	0.0309-0.0093i
22.7	-0.0944-0.0231i	0.1044+0.0191i	0.1423+0.0351i	-0.1320-0.0396i	0.0173-0.0048i	0.0166-0.0054i	0.0329-0.0083i	0.0321-0.0076i
22.8	-0.0823-0.0238i	0.0931+0.0155i	0.1315+0.0364i	-0.1215-0.0399i	0.0188-0.0054i	0.0181-0.0059i	0.0352-0.0094i	0.0343-0.0083i
22.9	-0.0813-0.0259i	0.0915+0.0177i	0.1268+0.0349i	-0.1175-0.0404i	0.0188-0.0055i	0.0176-0.0062i	0.0349-0.0090i	0.0342-0.0080i
23.0	-0.0729-0.0295i	0.0827+0.0223i	0.1187+0.0388i	-0.1095-0.0431i	0.0194-0.0058i	0.0185-0.0062i	0.0357-0.0092i	0.0349-0.0078i
23.1	-0.0589-0.0235i	0.0703+0.0181i	0.1091+0.0425i	-0.1005-0.0433i	0.0212-0.0050i	0.0205-0.0056i	0.0377-0.0097i	0.0374-0.0072i
23.2	-0.0501-0.0208i	0.0604+0.0136i	0.1041+0.0431i	-0.0938-0.0457i	0.0228-0.0045i	0.0219-0.0051i	0.0395-0.0091i	0.0407-0.0069i
23.3	-0.0483-0.0242i	0.0574+0.0174i	0.1039+0.0473i	-0.0935-0.0504i	0.0231-0.0043i	0.0221-0.0052i	0.0395-0.0095i	0.0416-0.0060i
23.4	-0.0260-0.0172i	0.0324+0.0111i	0.0957+0.0424i	-0.0831-0.0442i	0.0263-0.0036i	0.0247-0.0042i	0.0432-0.0090i	0.0446-0.0049i
23.5	-0.0118-0.0257i	0.0204+0.0197i	0.0933+0.0436i	-0.0769-0.0460i	0.0282-0.0047i	0.0266-0.0046i	0.0447-0.0088i	0.0482-0.0061i
23.6	-0.0173-0.0275i	0.0277+0.0244i	0.0932+0.0402i	-0.0772-0.0422i	0.0283-0.0047i	0.0268-0.0046i	0.0447-0.0080i	0.0491-0.0066i
23.7	-0.0155-0.0251i	0.0237+0.0247i	0.0869+0.0346i	-0.0746-0.0401i	0.0291-0.0050i	0.0280-0.0047i	0.0465-0.0078i	0.0500-0.0074i
23.8	-0.0014-0.0253i	0.0104+0.0223i	0.0786+0.0332i	-0.0652-0.0401i	0.0313-0.0055i	0.0300-0.0053i	0.0492-0.0084i	0.0530-0.0090i
23.9	0.0073-0.0270i	0.0050+0.0245i	0.0685+0.0312i	-0.0560-0.0359i	0.0329-0.0058i	0.0316-0.0057i	0.0511-0.0089i	0.0547-0.0091i
24.0	0.0205-0.0289i	-0.0065+0.0222i	0.0541+0.0297i	-0.0425-0.0341i	0.0344-0.0059i	0.0333-0.0058i	0.0537-0.0091i	0.0566-0.0095i
24.1	0.0344-0.0272i	-0.0214+0.0200i	0.0442+0.0294i	-0.0284-0.0332i	0.0361-0.0066i	0.0353-0.0058i	0.0567-0.0088i	0.0585-0.0111i
24.2	0.0414-0.0291i	-0.0280+0.0231i	0.0313+0.0291i	-0.0177-0.0324i	0.0377-0.0066i	0.0368-0.0060i	0.0589-0.0089i	0.0605-0.0114i
24.3	0.0546-0.0298i	-0.0387+0.0306i	0.0211+0.0304i	-0.0102-0.0336i	0.0396-0.0077i	0.0387-0.0070i	0.0614-0.0110i	0.0631-0.0127i
24.4	0.0569-0.0322i	-0.0428+0.0323i	0.0177+0.0348i	-0.0039-0.0332i	0.0398-0.0083i	0.0392-0.0076i	0.0620-0.0120i	0.0635-0.0137i
24.5	0.0615-0.0322i	-0.0428+0.0288i	0.0092+0.0337i	0.0059-0.0338i	0.0407-0.0077i	0.0400-0.0075i	0.0626-0.0119i	0.0654-0.0127i

24.6	0.0680-0.0305i	-0.0465+0.0287i	0.0015+0.0336i	0.0112-0.0358i	0.0416-0.0079i	0.0411-0.0077i	0.0635-0.0122i	0.0680-0.0129i
24.7	0.0785-0.0362i	-0.0559+0.0309i	-0.0085+0.0367i	0.0222-0.0423i	0.0430-0.0087i	0.0424-0.0088i	0.0649-0.0130i	0.0706-0.0146i
24.8	0.0877-0.0360i	-0.0635+0.0300i	-0.0189+0.0403i	0.0375-0.0430i	0.0448-0.0084i	0.0437-0.0088i	0.0671-0.0130i	0.0722-0.0142i
24.9	0.1044-0.0328i	-0.0791+0.0281i	-0.0279+0.0361i	0.0513-0.0379i	0.0468-0.0084i	0.0457-0.0083i	0.0709-0.0126i	0.0738-0.0144i
25.0	0.1094-0.0341i	-0.0860+0.0328i	-0.0331+0.0357i	0.0576-0.0395i	0.0474-0.0090i	0.0467-0.0083i	0.0720-0.0131i	0.0740-0.0157i
25.1	0.1129-0.0374i	-0.0849+0.0338i	-0.0411+0.0415i	0.0615-0.0443i	0.0476-0.0092i	0.0472-0.0088i	0.0721-0.0138i	0.0750-0.0151i
25.2	0.1221-0.0346i	-0.0887+0.0303i	-0.0515+0.0421i	0.0682-0.0420i	0.0491-0.0091i	0.0486-0.0095i	0.0735-0.0142i	0.0775-0.0151i
25.3	0.1325-0.0387i	-0.1004+0.0350i	-0.0630+0.0439i	0.0858-0.0463i	0.0505-0.0098i	0.0501-0.0102i	0.0754-0.0147i	0.0794-0.0164i
25.4	0.1470-0.0404i	-0.1157+0.0337i	-0.0724+0.0457i	0.0968-0.0505i	0.0527-0.0099i	0.0520-0.0099i	0.0789-0.0138i	0.0819-0.0170i
25.5	0.1522-0.0412i	-0.1212+0.0323i	-0.0813+0.0491i	0.1021-0.0555i	0.0539-0.0096i	0.0531-0.0098i	0.0805-0.0146i	0.0845-0.0169i
25.6	0.1554-0.0444i	-0.1239+0.0333i	-0.0867+0.0579i	0.1090-0.0609i	0.0552-0.0093i	0.0541-0.0099i	0.0812-0.0146i	0.0869-0.0169i
25.7	0.1630-0.0376i	-0.1356+0.0277i	-0.0939+0.0573i	0.1159-0.0618i	0.0570-0.0090i	0.0555-0.0091i	0.0843-0.0135i	0.0888-0.0172i
25.8	0.1771-0.0377i	-0.1429+0.0259i	-0.1045+0.0568i	0.1301-0.0632i	0.0585-0.0095i	0.0579-0.0096i	0.0868-0.0137i	0.0916-0.0178i
25.9	0.1839-0.0489i	-0.1492+0.0360i	-0.1154+0.0639i	0.1406-0.0692i	0.0595-0.0106i	0.0598-0.0110i	0.0880-0.0158i	0.0936-0.0185i
26.0	0.1996-0.0567i	-0.1668+0.0415i	-0.1298+0.0655i	0.1517-0.0762i	0.0621-0.0120i	0.0619-0.0118i	0.0918-0.0168i	0.0962-0.0219i
26.1	0.2074-0.0542i	-0.1784+0.0378i	-0.1366+0.0738i	0.1538-0.0885i	0.0640-0.0120i	0.0630-0.0121i	0.0946-0.0161i	0.0982-0.0229i
26.2	0.2147-0.0606i	-0.1883+0.0427i	-0.1416+0.0867i	0.1643-0.1005i	0.0652-0.0133i	0.0641-0.0135i	0.0964-0.0178i	0.1000-0.0257i
26.3	0.2225-0.0708i	-0.1927+0.0514i	-0.1543+0.0995i	0.1723-0.1090i	0.0664-0.0144i	0.0657-0.0149i	0.0981-0.0194i	0.1025-0.0275i
26.4	0.2320-0.0707i	-0.2027+0.0523i	-0.1640+0.1095i	0.1831-0.1189i	0.0681-0.0145i	0.0668-0.0150i	0.1007-0.0191i	0.1037-0.0281i
26.5	0.2417-0.0698i	-0.2173+0.0497i	-0.1690+0.1158i	0.1885-0.1255i	0.0696-0.0144i	0.0679-0.0150i	0.1024-0.0187i	0.1050-0.0285i
26.6	0.2540-0.0688i	-0.2318+0.0450i	-0.1777+0.1226i	0.1979-0.1315i	0.0716-0.0145i	0.0694-0.0149i	0.1054-0.0183i	0.1071-0.0297i
26.7	0.2606-0.0740i	-0.2393+0.0557i	-0.1854+0.1351i	0.2020-0.1395i	0.0724-0.0156i	0.0705-0.0158i	0.1082-0.0190i	0.1069-0.0321i
26.8	0.2666-0.0812i	-0.2451+0.0651i	-0.1863+0.1483i	0.1986-0.1487i	0.0737-0.0164i	0.0718-0.0163i	0.1099-0.0200i	0.1093-0.0330i
26.9	0.2782-0.0821i	-0.2608+0.0626i	-0.1903+0.1641i	0.2056-0.1637i	0.0758-0.0165i	0.0736-0.0164i	0.1131-0.0196i	0.1113-0.0340i
27.0	0.2834-0.0901i	-0.2648+0.0769i	-0.1926+0.1851i	0.2127-0.1828i	0.0775-0.0178i	0.0747-0.0175i	0.1160-0.0211i	0.1130-0.0361i
27.1	0.2902-0.0949i	-0.2675+0.0814i	-0.1880+0.2017i	0.2039-0.2019i	0.0786-0.0177i	0.0755-0.0176i	0.1175-0.0217i	0.1149-0.0359i
27.2	0.3049-0.1018i	-0.2857+0.0883i	-0.1801+0.2230i	0.2026-0.2239i	0.0808-0.0191i	0.0774-0.0185i	0.1222-0.0235i	0.1147-0.0371i
27.3	0.3161-0.1072i	-0.2995+0.1007i	-0.1628+0.2403i	0.1932-0.2386i	0.0831-0.0201i	0.0800-0.0188i	0.1272-0.0255i	0.1160-0.0377i
27.4	0.3266-0.1126i	-0.3080+0.1105i	-0.1405+0.2463i	0.1756-0.2400i	0.0848-0.0202i	0.0813-0.0184i	0.1300-0.0261i	0.1178-0.0372i
27.5	0.3300-0.1275i	-0.3129+0.1252i	-0.1156+0.2541i	0.1495-0.2498i	0.0858-0.0220i	0.0821-0.0195i	0.1316-0.0293i	0.1191-0.0386i
27.6	0.3425-0.1268i	-0.3282+0.1345i	-0.0997+0.2476i	0.1351-0.2406i	0.0889-0.0219i	0.0850-0.0183i	0.1363-0.0292i	0.1227-0.0372i
27.7	0.3610-0.1269i	-0.3366+0.1424i	-0.0866+0.2342i	0.1279-0.2247i	0.0923-0.0218i	0.0890-0.0181i	0.1412-0.0312i	0.1278-0.0348i
27.8	0.3665-0.1340i	-0.3373+0.1568i	-0.0740+0.2201i	0.1226-0.2103i	0.0944-0.0226i	0.0920-0.0180i	0.1452-0.0328i	0.1304-0.0348i
27.9	0.3591-0.1463i	-0.3196+0.1662i	-0.0582+0.1941i	0.1127-0.1953i	0.0946-0.0248i	0.0924-0.0195i	0.1451-0.0356i	0.1315-0.0377i
28.0	0.3579-0.1511i	-0.3075+0.1723i	-0.0606+0.1775i	0.1151-0.1766i	0.0959-0.0255i	0.0947-0.0200i	0.1463-0.0374i	0.1362-0.0375i
28.1	0.3697-0.1609i	-0.3081+0.1885i	-0.0675+0.1632i	0.1244-0.1668i	0.0987-0.0279i	0.0986-0.0216i	0.1508-0.0417i	0.1406-0.0386i
28.2	0.3799-0.1639i	-0.3069+0.1907i	-0.0701+0.1547i	0.1352-0.1620i	0.1007-0.0289i	0.1011-0.0229i	0.1536-0.0433i	0.1446-0.0400i
28.3	0.3890-0.1687i	-0.3064+0.1910i	-0.0805+0.1415i	0.1471-0.1535i	0.1028-0.0307i	0.1039-0.0249i	0.1561-0.0462i	0.1488-0.0427i
28.4	0.3915-0.1698i	-0.3047+0.1841i	-0.0904+0.1262i	0.1578-0.1418i	0.1036-0.0308i	0.1051-0.0253i	0.1573-0.0464i	0.1503-0.0443i
28.5	0.4006-0.1918i	-0.3052+0.2000i	-0.1016+0.1202i	0.1686-0.1443i	0.1056-0.0342i	0.1086-0.0290i	0.1605-0.0529i	0.1543-0.0474i
28.6	0.4124-0.1945i	-0.3180+0.2024i	-0.1135+0.1156i	0.1790-0.1440i	0.1085-0.0353i	0.1117-0.0301i	0.1647-0.0547i	0.1581-0.0500i
28.7	0.4200-0.1967i	-0.3201+0.1977i	-0.1275+0.1094i	0.1943-0.1410i	0.1109-0.0350i	0.1143-0.0311i	0.1678-0.0550i	0.1629-0.0513i
28.8	0.4396-0.1966i	-0.3406+0.1962i	-0.1422+0.1037i	0.2072-0.1386i	0.1148-0.0356i	0.1184-0.0313i	0.1737-0.0547i	0.1689-0.0522i
28.9	0.4551-0.2081i	-0.3528+0.1989i	-0.1572+0.0985i	0.2269-0.1406i	0.1181-0.0385i	0.1221-0.0328i	0.1785-0.0573i	0.1738-0.0559i
29.0	0.4560-0.2186i	-0.3508+0.2029i	-0.1681+0.1013i	0.2389-0.1430i	0.1199-0.0414i	0.1233-0.0360i	0.1809-0.0613i	0.1753-0.0614i
29.1	0.4608-0.2341i	-0.3509+0.2126i	-0.1825+0.1023i	0.2528-0.1438i	0.1217-0.0427i	0.1254-0.0386i	0.1844-0.0637i	0.1791-0.0643i
29.2	0.4734-0.2456i	-0.3571+0.2260i	-0.1978+0.1043i	0.2657-0.1445i	0.1231-0.0443i	0.1286-0.0398i	0.1884-0.0660i	0.1817-0.0665i
29.3	0.4911-0.2548i	-0.3699+0.2378i	-0.2088+0.0995i	0.2806-0.1516i	0.1273-0.0476i	0.1332-0.0414i	0.1955-0.0694i	0.1864-0.0710i
29.4	0.4996-0.2539i	-0.3752+0.2313i	-0.2260+0.0920i	0.2953-0.1515i	0.1304-0.0478i	0.1363-0.0414i	0.2008-0.0684i	0.1900-0.0721i
29.5	0.5052-0.2742i	-0.3643+0.2499i	-0.2366+0.1016i	0.3135-0.1623i	0.1328-0.0516i	0.1392-0.0461i	0.2049-0.0753i	0.1945-0.0773i
29.6	0.5189-0.2967i	-0.3668+0.2660i	-0.2520+0.1086i	0.3282-0.1720i	0.1358-0.0553i	0.1432-0.0506i	0.2104-0.0813i	0.1981-0.0838i
29.7	0.5273-0.2938i	-0.3744+0.2597i	-0.2697+0.1074i	0.3404-0.1779i	0.1390-0.0559i	0.1469-0.0508i	0.2164-0.0826i	0.2034-0.0836i
29.8	0.5204-0.3043i	-0.3657+0.2625i	-0.2827+0.1129i	0.3505-0.1903i	0.1395-0.0592i	0.1484-0.0550i	0.2196-0.0891i	0.2021-0.0883i
29.9	0.5243-0.3201i	-0.3645+0.2653i	-0.2937+0.1159i	0.3609-0.2025i	0.1417-0.0625i	0.1516-0.0587i	0.2250-0.0957i	0.2045-0.0931i
30.0	0.5212-0.3379i	-0.3597+0.2696i	-0.3053+0.1304i	0.3685-0.2214i	0.1428-0.0673i	0.1541-0.0642i	0.2283-0.1055i	0.2078-0.1003i
30.1	0.5443-0.3580i	-0.3767+0.2742i	-0.3357+0.1429i	0.3913-0.2370i	0.1487-0.0726i	0.1610-0.0703i	0.2384-0.1150i	0.2151-0.1060i
30.2	0.5538-0.3754i	-0.3795+0.2805i	-0.3544+0.1525i	0.4081-0.2536i	0.1514-0.0781i	0.1642-0.0764i	0.2448-0.1238i	0.2170-0.1154i
30.3	0.5503-0.3863i	-0.3728+0.2796i	-0.3609+0.1739i	0.4167-0.2767i	0.1530-0.0796i	0.1659-0.0799i	0.2458-0.1327i	0.2218-0.1134i
30.4	0.5736-0.4002i	-0.4004+0.2765i	-0.3817+0.1771i	0.4361-0.2918i	0.1585-0.0835i	0.1714-0.0841i	0.2538-0.1407i	0.2287-0.1189i
30.5	0.6006-0.3998i	-0.4315+0.2670i	-0.4144+0.1775i	0.4604-0.2987i	0.1644-0.0848i	0.1771-0.0847i	0.2646-0.1434i	0.2335-0.1211i
30.6	0.6151-0.4322i	-0.4435+0.2847i	-0.4386+0.2083i	0.4755-0.3338i	0.1683-0.0937i	0.1818-0.0945i	0.2710-0.1591i	0.2397-0.1336i
30.7	0.6103-0.4495i	-0.4381+0.2920i	-0.4433+0.2313i	0.4790-0.3588i	0.1678-0.0995i	0.1809-0.1017i	0.2689-0.1710i	0.2401-0.1397i
30.8	0.6198-0.4653i	-0.4532+0.2953i	-0.4585+0.2622i	0.4891-0.3900i	0.1703-0.1042i	0.1832-0.1079i	0.2725-0.1842i	0.2433-0.1440i

30.9	0.6276-0.4922i	-0.4625+0.3111i	-0.4706+0.2924i	0.4933-0.4210i	0.1714-0.1113i	0.1848-0.1158i	0.2743-0.1969i	0.2456-0.1542i
31.0	0.6409-0.5282i	-0.4800+0.3251i	-0.4817+0.3357i	0.4959-0.4646i	0.1735-0.1191i	0.1882-0.1251i	0.2743-0.2137i	0.2511-0.1619i
31.1	0.6627-0.5470i	-0.5063+0.3365i	-0.5036+0.3695i	0.5115-0.5030i	0.1777-0.1253i	0.1917-0.1321i	0.2802-0.2250i	0.2550-0.1712i
31.2	0.6693-0.5669i	-0.5215+0.3514i	-0.5026+0.4026i	0.5017-0.5348i	0.1797-0.1301i	0.1934-0.1383i	0.2805-0.2383i	0.2609-0.1740i
31.3	0.6742-0.6037i	-0.5346+0.3676i	-0.4960+0.4503i	0.4946-0.5861i	0.1817-0.1379i	0.1950-0.1474i	0.2783-0.2568i	0.2678-0.1807i
31.4	0.7125-0.6138i	-0.5762+0.3743i	-0.5133+0.4818i	0.5018-0.6170i	0.1895-0.1411i	0.2033-0.1513i	0.2881-0.2638i	0.2784-0.1856i
31.5	0.7202-0.6799i	-0.5945+0.4221i	-0.5014+0.5532i	0.4776-0.6885i	0.1909-0.1544i	0.2053-0.1664i	0.2838-0.2917i	0.2872-0.1996i
31.6	0.7105-0.7153i	-0.5908+0.4496i	-0.4792+0.5952i	0.4574-0.7338i	0.1897-0.1615i	0.2037-0.1741i	0.2766-0.3077i	0.2906-0.2046i
31.7	0.7261-0.7672i	-0.6119+0.4966i	-0.4531+0.6569i	0.4283-0.7897i	0.1932-0.1741i	0.2059-0.1882i	0.2733-0.3320i	0.3021-0.2198i
31.8	0.7918-0.8130i	-0.6774+0.5192i	-0.4548+0.7117i	0.4256-0.8510i	0.2092-0.1843i	0.2225-0.1984i	0.2920-0.3536i	0.3288-0.2307i
31.9	0.8458-0.8248i	-0.7392+0.5240i	-0.4579+0.7394i	0.4175-0.8832i	0.2235-0.1858i	0.2388-0.2001i	0.3089-0.3623i	0.3571-0.2289i
32.0	0.7891-0.9206i	-0.7116+0.6061i	-0.3683+0.8128i	0.3176-0.9500i	0.2145-0.2068i	0.2288-0.2234i	0.2768-0.3964i	0.3576-0.2595i
32.1	0.7360-0.9698i	-0.6714+0.6535i	-0.2828+0.8285i	0.2354-0.9539i	0.2030-0.2190i	0.2152-0.2368i	0.2470-0.4080i	0.3499-0.2852i
32.2	0.7460-1.0191i	-0.6867+0.6962i	-0.2310+0.8456i	0.1778-0.9682i	0.2067-0.2318i	0.2182-0.2507i	0.2419-0.4271i	0.3634-0.3061i
32.3	0.7312-1.1074i	-0.6893+0.7701i	-0.1423+0.8725i	0.0804-0.9954i	0.2059-0.2559i	0.2166-0.2770i	0.2246-0.4583i	0.3748-0.3481i
32.4	0.7035-1.2893i	-0.6846+0.9277i	-0.0206+0.9268i	-0.0396-1.0430i	0.2021-0.3020i	0.2107-0.3269i	0.1944-0.5156i	0.3849-0.4303i
32.5	0.6474-1.3903i	-0.6428+1.0222i	0.0668+0.9177i	-0.1162-1.0175i	0.1877-0.3263i	0.1944-0.3539i	0.1626-0.5381i	0.3691-0.4820i
32.6	0.5482-1.5334i	-0.5681+1.1480i	0.1925+0.8904i	-0.2331-0.9869i	0.1648-0.3624i	0.1684-0.3924i	0.1151-0.5705i	0.3405-0.5567i
32.7	0.4195-1.5894i	-0.4684+1.1941i	0.2656+0.8067i	-0.3031-0.9140i	0.1348-0.3774i	0.1347-0.4070i	0.0703-0.5700i	0.2904-0.5976i
32.8	0.3495-1.6955i	-0.4221+1.2897i	0.3168+0.7516i	-0.3574-0.8624i	0.1191-0.4034i	0.1169-0.4345i	0.0457-0.5906i	0.2635-0.6522i
32.9	0.1983-1.6974i	-0.2879+1.2965i	0.3514+0.6521i	-0.3857-0.7723i	0.0820-0.4047i	0.0753-0.4342i	0.0001-0.5774i	0.1935-0.6633i
33.0	0.0050-1.7778i	-0.1432+1.3686i	0.4034+0.5609i	-0.4440-0.7032i	0.0375-0.4225i	0.0275-0.4520i	-0.0584-0.5886i	0.1147-0.7001i
33.1	-0.1064-1.9578i	-0.0667+1.5141i	0.4375+0.5205i	-0.4965-0.6856i	0.0142-0.4663i	0.0014-0.4973i	-0.0949-0.6393i	0.0750-0.7778i
33.2	-0.4624-1.9568i	0.2056+1.5253i	0.4453+0.3967i	-0.5410-0.5736i	-0.0664-0.4699i	-0.0845-0.4985i	-0.1947-0.6251i	-0.0694-0.7905i
33.3	-0.7315-1.8382i	0.4192+1.4469i	0.4236+0.3079i	-0.5481-0.4826i	-0.1298-0.4458i	-0.1515-0.4712i	-0.2720-0.5820i	-0.1805-0.7537i
33.4	-0.8860-1.6514i	0.5396+1.3074i	0.3510+0.2447i	-0.5075-0.3946i	-0.1657-0.4061i	-0.1889-0.4281i	-0.3114-0.5229i	-0.2461-0.6897i
33.5	-1.0588-1.4943i	0.6683+1.1982i	0.2983+0.1902i	-0.4910-0.3194i	-0.2082-0.3742i	-0.2335-0.3926i	-0.3595-0.4722i	-0.3251-0.6375i
33.6	-1.0179-1.3428i	0.6384+1.0769i	0.2279+0.1877i	-0.4254-0.3087i	-0.1993-0.3405i	-0.2232-0.3563i	-0.3427-0.4273i	-0.3106-0.5816i
33.7	-1.0761-1.2134i	0.6811+0.9961i	0.1853+0.1959i	-0.3882-0.2852i	-0.2146-0.3143i	-0.2386-0.3279i	-0.3587-0.3892i	-0.3375-0.5375i
33.8	-1.0184-0.9434i	0.6564+0.7885i	0.1408+0.1834i	-0.3251-0.2430i	-0.2054-0.2491i	-0.2273-0.2591i	-0.3344-0.3039i	-0.3254-0.4262i
33.9	-0.9908-0.7392i	0.6546+0.6345i	0.1157+0.1747i	-0.2806-0.2132i	-0.2033-0.2001i	-0.2247-0.2069i	-0.3234-0.2383i	-0.3251-0.3429i
34.0	-0.9831-0.5727i	0.6637+0.5130i	0.1011+0.1638i	-0.2596-0.1778i	-0.2042-0.1606i	-0.2252-0.1642i	-0.3176-0.1835i	-0.3292-0.2755i
34.1	-0.9154-0.5046i	0.6210+0.4567i	0.0841+0.1661i	-0.2295-0.1677i	-0.1889-0.1441i	-0.2083-0.1468i	-0.2935-0.1627i	-0.3039-0.2481i
34.2	-0.8457-0.4924i	0.5680+0.4439i	0.0640+0.1736i	-0.2022-0.1761i	-0.1732-0.1408i	-0.1910-0.1440i	-0.2702-0.1627i	-0.2778-0.2405i
34.3	-0.8722-0.4188i	0.5968+0.3955i	0.0509+0.1732i	-0.1735-0.1627i	-0.1836-0.1242i	-0.2023-0.1259i	-0.2832-0.1392i	-0.2950-0.2114i
34.4	-0.8390-0.3430i	0.5842+0.3345i	0.0362+0.1690i	-0.1454-0.1541i	-0.1778-0.1049i	-0.1962-0.1052i	-0.2729-0.1138i	-0.2856-0.1785i
34.5	-0.7634-0.2605i	0.5294+0.2618i	0.0072+0.1700i	-0.1098-0.1587i	-0.1607-0.0827i	-0.1775-0.0819i	-0.2460-0.0856i	-0.2570-0.1427i
34.6	-0.6688-0.2622i	0.4545+0.2488i	-0.0101+0.1885i	-0.0824-0.1890i	-0.1344-0.0818i	-0.1500-0.0812i	-0.2120-0.0873i	-0.2116-0.1415i
34.7	-0.5599-0.2479i	0.3635+0.2255i	-0.0329+0.2036i	-0.0556-0.2110i	-0.1050-0.0770i	-0.1185-0.0766i	-0.1690-0.0869i	-0.1621-0.1302i
34.8	-0.5275-0.1238i	0.3515+0.1298i	-0.0230+0.1992i	-0.0523-0.2044i	-0.0979-0.0450i	-0.1107-0.0429i	-0.1556-0.0398i	-0.1496-0.0805i
34.9	-0.5089-0.1101i	0.3398+0.1218i	-0.0201+0.2207i	-0.0579-0.2219i	-0.0930-0.0419i	-0.1050-0.0396i	-0.1504-0.0350i	-0.1390-0.0777i
35.0	-0.4903-0.1133i	0.3211+0.1232i	-0.0173+0.2433i	-0.0648-0.2382i	-0.0887-0.0429i	-0.0999-0.0403i	-0.1457-0.0365i	-0.1309-0.0785i
35.1	-0.4312-0.0715i	0.2777+0.0872i	-0.0118+0.2336i	-0.0666-0.2292i	-0.0733-0.0331i	-0.0828-0.0297i	-0.1195-0.0210i	-0.1087-0.0654i
35.2	-0.3980-0.0451i	0.2584+0.0643i	-0.0061+0.2276i	-0.0636-0.2233i	-0.0653-0.0273i	-0.0743-0.0235i	-0.1075-0.0110i	-0.0950-0.0604i
35.3	-0.3550-0.0314i	0.2244+0.0556i	0.0014+0.2282i	-0.0697-0.2224i	-0.0537-0.0228i	-0.0621-0.0188i	-0.0921-0.0076i	-0.0739-0.0511i
35.4	-0.3159-0.0737i	0.1907+0.0848i	0.0015+0.2233i	-0.0723-0.2219i	-0.0413-0.0368i	-0.0499-0.0336i	-0.0793-0.0273i	-0.0525-0.0761i
35.5	-0.2811-0.1242i	0.1587+0.1140i	0.0022+0.2225i	-0.0662-0.2286i	-0.0303-0.0518i	-0.0387-0.0494i	-0.0666-0.0497i	-0.0342-0.1020i
35.6	-0.2324-0.0952i	0.1273+0.0874i	-0.0011+0.2081i	-0.0568-0.2216i	-0.0188-0.0434i	-0.0257-0.0415i	-0.0479-0.0371i	-0.0150-0.0907i
35.7	-0.2382-0.1297i	0.1259+0.1164i	-0.0015+0.2049i	-0.0593-0.2171i	-0.0189-0.0539i	-0.0257-0.0529i	-0.0518-0.0491i	-0.0128-0.1118i
35.8	-0.1719-0.1704i	0.0747+0.1319i	-0.0072+0.1969i	-0.0458-0.2154i	0.0013-0.0653i	-0.0050-0.0658i	-0.0298-0.0670i	0.0257-0.1341i
35.9	-0.1644-0.1796i	0.0668+0.1391i	-0.0133+0.1924i	-0.0390-0.2086i	0.0034-0.0721i	-0.0035-0.0730i	-0.0256-0.0717i	0.0261-0.1512i
36.0	-0.1551-0.1873i	0.0491+0.1422i	-0.0271+0.1871i	-0.0317-0.2053i	0.0070-0.0770i	0.0004-0.0781i	-0.0205-0.0765i	0.0307-0.1625i
36.1	-0.1579-0.1733i	0.0505+0.1385i	-0.0350+0.1836i	-0.0248-0.1988i	0.0057-0.0742i	-0.0006-0.0747i	-0.0243-0.0681i	0.0315-0.1606i
36.2	-0.0913-0.1777i	0.0127+0.1172i	-0.0517+0.1676i	0.0024-0.1932i	0.0272-0.0698i	0.0211-0.0711i	0.0058-0.0674i	0.0677-0.1511i
36.3	-0.0770-0.1738i	0.0058+0.1140i	-0.0572+0.1687i	0.0124-0.1940i	0.0318-0.0695i	0.0257-0.0715i	0.0134-0.0656i	0.0752-0.1544i
36.4	-0.0775-0.1896i	-0.0028+0.1230i	-0.0759+0.1746i	0.0286-0.2072i	0.0340-0.0787i	0.0277-0.0806i	0.0117-0.0729i	0.0819-0.1764i
36.5	-0.0892-0.1992i	-0.0017+0.1335i	-0.0892+0.1827i	0.0333-0.2126i	0.0299-0.0853i	0.0233-0.0872i	0.0094-0.0742i	0.0686-0.1958i
36.6	-0.0937-0.2171i	-0.0056+0.1495i	-0.0944+0.1933i	0.0392-0.2244i	0.0278-0.0932i	0.0196-0.0960i	0.0087-0.0776i	0.0604-0.2185i
36.7	-0.0809-0.2245i	-0.0108+0.1451i	-0.0899+0.2012i	0.0476-0.2402i	0.0340-0.0950i	0.0252-0.0978i	0.0175-0.0758i	0.0710-0.2256i
36.8	-0.0956-0.2517i	-0.0123+0.1715i	-0.0942+0.2129i	0.0417-0.2562i	0.0316-0.1070i	0.0220-0.1092i	0.0142-0.0847i	0.0629-0.2502i
36.9	-0.0811-0.2643i	-0.0316+0.1741i	-0.0993+0.2173i	0.0477-0.2690i	0.0396-0.1141i	0.0296-0.1162i	0.0236-0.0936i	0.0778-0.2644i
37.0	-0.0679-0.2839i	-0.0515+0.1787i	-0.0959+0.2236i	0.0448-0.2886i	0.0479-0.1230i	0.0371-0.1253i	0.0358-0.0978i	0.0881-0.2915i
37.1	-0.0781-0.3031i	-0.0563+0.1886i	-0.0895+0.2246i	0.0337-0.3007i	0.0482-0.1342i	0.0364-0.1367i	0.0396-0.1053i	0.0814-0.3211i

37.2	-0.1104-0.3121i	-0.0418+0.2042i	-0.0846+0.2285i	0.0159-0.3132i	0.0387-0.1443i	0.0255-0.1453i	0.0356-0.1099i	0.0519-0.3438i
37.3	-0.1245-0.3026i	-0.0402+0.2031i	-0.0836+0.2237i	0.0061-0.3084i	0.0333-0.1471i	0.0199-0.1477i	0.0380-0.1072i	0.0304-0.3546i
37.4	-0.1090-0.2921i	-0.0497+0.1859i	-0.0732+0.2079i	-0.0077-0.3044i	0.0385-0.1473i	0.0264-0.1475i	0.0545-0.0990i	0.0318-0.3623i
37.5	-0.1220-0.2887i	-0.0627+0.1906i	-0.0839+0.2088i	-0.0137-0.2974i	0.0351-0.1557i	0.0230-0.1545i	0.0657-0.1022i	0.0095-0.3837i
37.6	-0.1296-0.2940i	-0.0718+0.2072i	-0.0940+0.2111i	-0.0181-0.2966i	0.0308-0.1667i	0.0171-0.1652i	0.0751-0.1088i	-0.0186-0.4110i
37.7	-0.1601-0.2926i	-0.0507+0.2236i	-0.0966+0.2126i	-0.0249-0.2858i	0.0131-0.1744i	-0.0015-0.1710i	0.0773-0.1211i	-0.0770-0.4171i
37.8	-0.1704-0.2877i	-0.0424+0.2235i	-0.1049+0.2060i	-0.0208-0.2807i	0.0033-0.1790i	-0.0109-0.1741i	0.0825-0.1353i	-0.1119-0.4146i
37.9	-0.1655-0.2655i	-0.0474+0.2148i	-0.1138+0.2084i	-0.0117-0.2842i	-0.0008-0.1768i	-0.0145-0.1712i	0.0923-0.1438i	-0.1353-0.3973i
38.0	-0.1757-0.2550i	-0.0432+0.2164i	-0.1104+0.2099i	-0.0216-0.2870i	-0.0079-0.1789i	-0.0218-0.1711i	0.1038-0.1554i	-0.1691-0.3886i
38.1	-0.1696-0.2409i	-0.0502+0.1996i	-0.1177+0.2139i	-0.0295-0.2967i	-0.0049-0.1758i	-0.0186-0.1668i	0.1187-0.1647i	-0.1739-0.3698i
38.2	-0.1797-0.2332i	-0.0515+0.2076i	-0.1248+0.2177i	-0.0375-0.2979i	-0.0166-0.1808i	-0.0301-0.1713i	0.1205-0.1931i	-0.2137-0.3547i
38.3	-0.1799-0.2121i	-0.0532+0.2012i	-0.1274+0.2191i	-0.0405-0.2901i	-0.0232-0.1746i	-0.0353-0.1639i	0.1227-0.2086i	-0.2349-0.3171i
38.4	-0.1682-0.1905i	-0.0605+0.1864i	-0.1284+0.2180i	-0.0429-0.2898i	-0.0210-0.1690i	-0.0318-0.1577i	0.1209-0.2228i	-0.2237-0.2857i
38.5	-0.1535-0.1848i	-0.0682+0.1876i	-0.1340+0.2271i	-0.0444-0.2953i	-0.0206-0.1695i	-0.0314-0.1570i	0.1191-0.2428i	-0.2205-0.2652i
38.6	-0.1528-0.1760i	-0.0646+0.1968i	-0.1309+0.2404i	-0.0434-0.2864i	-0.0274-0.1680i	-0.0364-0.1554i	0.1065-0.2663i	-0.2278-0.2343i
38.7	-0.1463-0.1676i	-0.0696+0.2002i	-0.1282+0.2519i	-0.0592-0.2900i	-0.0310-0.1693i	-0.0379-0.1568i	0.0917-0.2837i	-0.2222-0.2214i
38.8	-0.1351-0.1622i	-0.0785+0.1945i	-0.1324+0.2468i	-0.0678-0.2886i	-0.0293-0.1719i	-0.0349-0.1588i	0.0813-0.3005i	-0.2057-0.2130i
38.9	-0.1229-0.1493i	-0.0873+0.1860i	-0.1293+0.2409i	-0.0794-0.2771i	-0.0278-0.1699i	-0.0326-0.1564i	0.0630-0.3087i	-0.1811-0.1994i
39.0	-0.1166-0.1418i	-0.0884+0.1928i	-0.1259+0.2522i	-0.0941-0.2685i	-0.0340-0.1686i	-0.0363-0.1550i	0.0427-0.3160i	-0.1776-0.1871i
39.1	-0.1108-0.1393i	-0.0962+0.2010i	-0.1236+0.2490i	-0.1011-0.2543i	-0.0391-0.1746i	-0.0403-0.1604i	0.0207-0.3317i	-0.1711-0.1885i
39.2	-0.1001-0.1324i	-0.1042+0.2008i	-0.1219+0.2493i	-0.1036-0.2438i	-0.0419-0.1760i	-0.0421-0.1618i	0.0054-0.3380i	-0.1632-0.1875i
39.3	-0.0935-0.1263i	-0.1028+0.1980i	-0.1217+0.2456i	-0.1046-0.2295i	-0.0483-0.1731i	-0.0463-0.1599i	-0.0153-0.3324i	-0.1589-0.1855i
39.4	-0.0871-0.1200i	-0.1042+0.2066i	-0.1207+0.2437i	-0.1086-0.2162i	-0.0557-0.1742i	-0.0525-0.1616i	-0.0394-0.3367i	-0.1564-0.1840i
39.5	-0.0760-0.1194i	-0.1018+0.2122i	-0.1323+0.2432i	-0.1010-0.1933i	-0.0593-0.1750i	-0.0554-0.1629i	-0.0546-0.3353i	-0.1514-0.1881i
39.6	-0.0691-0.1145i	-0.1033+0.2241i	-0.1332+0.2538i	-0.0930-0.1737i	-0.0689-0.1753i	-0.0642-0.1643i	-0.0719-0.3303i	-0.1640-0.1948i
39.7	-0.0620-0.1121i	-0.1037+0.2275i	-0.1322+0.2592i	-0.0856-0.1674i	-0.0715-0.1721i	-0.0673-0.1630i	-0.0768-0.3267i	-0.1689-0.1908i
39.8	-0.0567-0.1093i	-0.0948+0.2265i	-0.1143+0.2623i	-0.0954-0.1672i	-0.0803-0.1708i	-0.0757-0.1620i	-0.1082-0.3302i	-0.1630-0.1838i
39.9	-0.0504-0.1067i	-0.0884+0.2261i	-0.1069+0.2590i	-0.0846-0.1482i	-0.0866-0.1658i	-0.0806-0.1574i	-0.1294-0.3117i	-0.1593-0.1859i
40.0	-0.0441-0.1033i	-0.0822+0.2216i	-0.1042+0.2527i	-0.0760-0.1361i	-0.0921-0.1587i	-0.0860-0.1516i	-0.1417-0.2949i	-0.1646-0.1826i
40.1	-0.0303-0.1027i	-0.0880+0.2193i	-0.1065+0.2458i	-0.0630-0.1274i	-0.0922-0.1536i	-0.0860-0.1477i	-0.1477-0.2819i	-0.1600-0.1822i
40.2	-0.0177-0.0979i	-0.0929+0.2170i	-0.1114+0.2443i	-0.0542-0.1162i	-0.0962-0.1523i	-0.0893-0.1467i	-0.1560-0.2761i	-0.1648-0.1838i
40.3	-0.0099-0.0982i	-0.0836+0.2190i	-0.1170+0.2482i	-0.0422-0.1153i	-0.1022-0.1459i	-0.0946-0.1405i	-0.1640-0.2594i	-0.1737-0.1784i
40.4	-0.0008-0.0971i	-0.0798+0.2135i	-0.1204+0.2433i	-0.0304-0.1110i	-0.1002-0.1343i	-0.0933-0.1297i	-0.1634-0.2348i	-0.1684-0.1684i
40.5	0.0059-0.0953i	-0.0861+0.2097i	-0.1219+0.2423i	-0.0171-0.1031i	-0.0997-0.1279i	-0.0931-0.1242i	-0.1639-0.2229i	-0.1669-0.1628i
40.6	0.0224-0.0961i	-0.1025+0.2101i	-0.1297+0.2456i	-0.0064-0.1033i	-0.0989-0.1267i	-0.0917-0.1233i	-0.1614-0.2182i	-0.1651-0.1639i
40.7	0.0244-0.0969i	-0.1023+0.2090i	-0.1302+0.2438i	0.0035-0.0990i	-0.1017-0.1239i	-0.0949-0.1216i	-0.1670-0.2097i	-0.1711-0.1645i
40.8	0.0284-0.0989i	-0.1006+0.2020i	-0.1315+0.2401i	0.0159-0.0969i	-0.0980-0.1196i	-0.0920-0.1187i	-0.1611-0.2056i	-0.1683-0.1588i
40.9	0.0348-0.0938i	-0.1017+0.1974i	-0.1354+0.2424i	0.0259-0.0936i	-0.1000-0.1158i	-0.0940-0.1156i	-0.1669-0.1934i	-0.1667-0.1590i
41.0	0.0415-0.0908i	-0.0932+0.1951i	-0.1306+0.2507i	0.0341-0.0974i	-0.1036-0.1057i	-0.0978-0.1065i	-0.1732-0.1716i	-0.1717-0.1501i
41.1	0.0471-0.0942i	-0.0943+0.1861i	-0.1217+0.2451i	0.0444-0.1033i	-0.1012-0.0990i	-0.0954-0.0995i	-0.1671-0.1631i	-0.1709-0.1378i
41.2	0.0602-0.0931i	-0.1027+0.1807i	-0.1262+0.2471i	0.0514-0.1094i	-0.1002-0.1007i	-0.0939-0.1016i	-0.1694-0.1674i	-0.1654-0.1394i
41.3	0.0667-0.0998i	-0.1033+0.1843i	-0.1280+0.2512i	0.0567-0.1159i	-0.0982-0.0979i	-0.0924-0.0986i	-0.1624-0.1602i	-0.1668-0.1369i
41.4	0.0737-0.0947i	-0.1052+0.1800i	-0.1302+0.2406i	0.0591-0.1168i	-0.0954-0.0936i	-0.0900-0.0933i	-0.1601-0.1490i	-0.1615-0.1338i
41.5	0.0788-0.0950i	-0.1092+0.1793i	-0.1302+0.2359i	0.0641-0.1089i	-0.0953-0.0902i	-0.0904-0.0913i	-0.1635-0.1413i	-0.1592-0.1318i
41.6	0.0832-0.0988i	-0.1146+0.1718i	-0.1335+0.2339i	0.0842-0.1113i	-0.0942-0.0883i	-0.0900-0.0898i	-0.1634-0.1369i	-0.1575-0.1297i
41.7	0.0914-0.0974i	-0.1193+0.1645i	-0.1384+0.2333i	0.0898-0.1174i	-0.0910-0.0845i	-0.0862-0.0863i	-0.1568-0.1283i	-0.1540-0.1270i
41.8	0.0995-0.0995i	-0.1192+0.1599i	-0.1420+0.2409i	0.0946-0.1251i	-0.0918-0.0798i	-0.0871-0.0815i	-0.1564-0.1171i	-0.1577-0.1243i
41.9	0.1091-0.0998i	-0.1296+0.1575i	-0.1535+0.2401i	0.1030-0.1300i	-0.0936-0.0794i	-0.0885-0.0808i	-0.1571-0.1141i	-0.1611-0.1246i
42.0	0.1124-0.1040i	-0.1489+0.1575i	-0.1555+0.2444i	0.0957-0.1374i	-0.0852-0.0766i	-0.0808-0.0781i	-0.1410-0.1072i	-0.1528-0.1220i
42.1	0.1243-0.1039i	-0.1586+0.1571i	-0.1562+0.2506i	0.0936-0.1337i	-0.0809-0.0763i	-0.0770-0.0793i	-0.1312-0.1069i	-0.1512-0.1231i
42.2	0.1315-0.1051i	-0.1595+0.1553i	-0.1555+0.2555i	0.1072-0.1456i	-0.0867-0.0766i	-0.0821-0.0799i	-0.1366-0.1074i	-0.1619-0.1220i
42.3	0.1399-0.1033i	-0.1640+0.1526i	-0.1475+0.2520i	0.1028-0.1538i	-0.0864-0.0697i	-0.0821-0.0736i	-0.1371-0.1007i	-0.1613-0.1077i
42.4	0.1458-0.1138i	-0.1798+0.1553i	-0.1547+0.2503i	0.1038-0.1529i	-0.0802-0.0666i	-0.0773-0.0698i	-0.1285-0.0922i	-0.1527-0.1047i
42.5	0.1521-0.1092i	-0.1973+0.1553i	-0.1568+0.2437i	0.0836-0.1449i	-0.0785-0.0683i	-0.0744-0.0716i	-0.1241-0.0905i	-0.1510-0.1121i
42.6	0.1648-0.1043i	-0.2063+0.1541i	-0.1620+0.2336i	0.0927-0.1288i	-0.0762-0.0671i	-0.0712-0.0707i	-0.1155-0.0897i	-0.1531-0.1099i
42.7	0.1724-0.1073i	-0.2039+0.1571i	-0.1531+0.2416i	0.1001-0.1355i	-0.0747-0.0642i	-0.0704-0.0675i	-0.1136-0.0859i	-0.1521-0.1035i
42.8	0.1793-0.1178i	-0.2039+0.1559i	-0.1569+0.2295i	0.1094-0.1274i	-0.0728-0.0608i	-0.0690-0.0654i	-0.1137-0.0813i	-0.1469-0.0971i
42.9	0.1888-0.1232i	-0.2284+0.1528i	-0.1859+0.2305i	0.1218-0.1373i	-0.0666-0.0583i	-0.0622-0.0627i	-0.0998-0.0795i	-0.1417-0.0915i
43.0	0.2013-0.1304i	-0.2452+0.1757i	-0.2014+0.2470i	0.1287-0.1341i	-0.0638-0.0596i	-0.0600-0.0643i	-0.0888-0.0826i	-0.1445-0.0918i
43.1	0.2029-0.1339i	-0.2468+0.1883i	-0.2035+0.2645i	0.1294-0.1398i	-0.0618-0.0587i	-0.0577-0.0640i	-0.0860-0.0874i	-0.1392-0.0849i
43.2	0.2060-0.1408i	-0.2483+0.1966i	-0.1941+0.2601i	0.1236-0.1270i	-0.0569-0.0603i	-0.0533-0.0666i	-0.0843-0.0928i	-0.1267-0.0855i
43.3	0.2127-0.1471i	-0.2567+0.2053i	-0.2005+0.2438i	0.1463-0.1048i	-0.0569-0.0616i	-0.0541-0.0683i	-0.0873-0.0826i	-0.1245-0.0992i
43.4	0.2191-0.1542i	-0.2554+0.1992i	-0.2209+0.2600i	0.1714-0.1162i	-0.0566-0.0596i	-0.0545-0.0668i	-0.0831-0.0779i	-0.1273-0.0976i

43.5	0.2327-0.1523i	-0.2643+0.2086i	-0.2214+0.2902i	0.1749-0.1464i	-0.0548-0.0593i	-0.0532-0.0661i	-0.0766-0.0793i	-0.1275-0.0946i
43.6	0.2343-0.1519i	-0.2685+0.2213i	-0.2290+0.2991i	0.1825-0.1511i	-0.0519-0.0610i	-0.0508-0.0678i	-0.0723-0.0885i	-0.1246-0.0876i
43.7	0.2377-0.1502i	-0.2679+0.2253i	-0.2138+0.3002i	0.1745-0.1507i	-0.0492-0.0640i	-0.0484-0.0709i	-0.0713-0.0933i	-0.1181-0.0921i
43.8	0.2343-0.1707i	-0.2513+0.2389i	-0.2046+0.2929i	0.1939-0.1342i	-0.0528-0.0631i	-0.0531-0.0714i	-0.0772-0.0875i	-0.1223-0.0954i
43.9	0.2439-0.1751i	-0.2504+0.2488i	-0.2266+0.3128i	0.2265-0.1512i	-0.0570-0.0625i	-0.0582-0.0700i	-0.0794-0.0882i	-0.1344-0.0907i
44.0	0.2465-0.1805i	-0.2442+0.2474i	-0.2096+0.3450i	0.2219-0.2001i	-0.0577-0.0575i	-0.0599-0.0633i	-0.0806-0.0845i	-0.1371-0.0754i
44.1	0.2544-0.1818i	-0.2474+0.2257i	-0.2057+0.3278i	0.2129-0.2080i	-0.0528-0.0511i	-0.0543-0.0565i	-0.0718-0.0789i	-0.1301-0.0616i
44.2	0.2621-0.1806i	-0.2659+0.2295i	-0.2336+0.3462i	0.2303-0.2222i	-0.0489-0.0509i	-0.0493-0.0560i	-0.0660-0.0800i	-0.1208-0.0578i
44.3	0.2580-0.1853i	-0.2703+0.2349i	-0.2047+0.4038i	0.2145-0.2742i	-0.0465-0.0489i	-0.0476-0.0538i	-0.0626-0.0779i	-0.1147-0.0540i
44.4	0.2627-0.1964i	-0.2733+0.2400i	-0.1306+0.3818i	0.1395-0.2608i	-0.0402-0.0472i	-0.0416-0.0521i	-0.0615-0.0785i	-0.0977-0.0496i
44.5	0.2667-0.2040i	-0.2759+0.2382i	-0.1182+0.3206i	0.1349-0.2017i	-0.0365-0.0472i	-0.0387-0.0535i	-0.0614-0.0729i	-0.0876-0.0603i
44.6	0.2740-0.2070i	-0.2764+0.2338i	-0.1386+0.3298i	0.1594-0.2101i	-0.0350-0.0461i	-0.0377-0.0527i	-0.0589-0.0668i	-0.0854-0.0634i
44.7	0.2729-0.2104i	-0.2772+0.2402i	-0.1230+0.3109i	0.1443-0.2019i	-0.0332-0.0471i	-0.0360-0.0531i	-0.0474-0.0595i	-0.0901-0.0691i
44.8	0.2734-0.2063i	-0.2783+0.2445i	-0.1440+0.2779i	0.1623-0.1735i	-0.0296-0.0472i	-0.0330-0.0529i	-0.0361-0.0680i	-0.0897-0.0600i
44.9	0.2793-0.2119i	-0.2840+0.2492i	-0.1660+0.2790i	0.2012-0.1718i	-0.0297-0.0480i	-0.0328-0.0538i	-0.0395-0.0736i	-0.0846-0.0567i
45.0	0.2834-0.2102i	-0.2797+0.2332i	-0.1956+0.2851i	0.2273-0.1952i	-0.0269-0.0417i	-0.0301-0.0475i	-0.0308-0.0647i	-0.0832-0.0493i
45.1	0.2966-0.2165i	-0.2903+0.2370i	-0.2014+0.3279i	0.2225-0.2386i	-0.0227-0.0420i	-0.0256-0.0474i	-0.0272-0.0741i	-0.0737-0.0415i
45.2	0.3014-0.2182i	-0.2987+0.2367i	-0.1855+0.3259i	0.2083-0.2360i	-0.0197-0.0432i	-0.0220-0.0474i	-0.0361-0.0732i	-0.0568-0.0459i
45.3	0.3070-0.2207i	-0.3149+0.2330i	-0.1870+0.3172i	0.2209-0.2439i	-0.0153-0.0427i	-0.0175-0.0474i	-0.0354-0.0663i	-0.0432-0.0512i
45.4	0.3184-0.2384i	-0.3370+0.2509i	-0.1775+0.3142i	0.2090-0.2394i	-0.0105-0.0467i	-0.0137-0.0507i	-0.0278-0.0629i	-0.0360-0.0639i
45.5	0.3140-0.2385i	-0.3360+0.2450i	-0.2087+0.3096i	0.2368-0.2316i	-0.0078-0.0455i	-0.0123-0.0490i	-0.0166-0.0617i	-0.0407-0.0609i
45.6	0.3191-0.2309i	-0.3506+0.2410i	-0.2119+0.3453i	0.2195-0.2725i	0.0003-0.0434i	-0.0044-0.0481i	-0.0060-0.0637i	-0.0246-0.0574i
45.7	0.3435-0.2395i	-0.3596+0.2536i	-0.1966+0.3339i	0.2067-0.2457i	0.0023-0.0489i	-0.0013-0.0541i	-0.0003-0.0679i	-0.0242-0.0716i
45.8	0.3600-0.2391i	-0.3567+0.2504i	-0.2196+0.3429i	0.2455-0.2617i	0.0038-0.0482i	0.0005-0.0529i	0.0058-0.0696i	-0.0244-0.0660i
45.9	0.3549-0.2543i	-0.3697+0.2451i	-0.2293+0.3791i	0.2577-0.3128i	0.0112-0.0472i	0.0078-0.0510i	0.0145-0.0704i	-0.0083-0.0608i
46.0	0.3578-0.2623i	-0.3870+0.2641i	-0.2028+0.4213i	0.2194-0.3360i	0.0177-0.0523i	0.0138-0.0554i	0.0153-0.0795i	0.0094-0.0700i
46.1	0.3731-0.2661i	-0.4098+0.2853i	-0.1581+0.4472i	0.1814-0.3380i	0.0239-0.0570i	0.0201-0.0608i	0.0211-0.0807i	0.0214-0.0825i
46.2	0.4035-0.2857i	-0.4033+0.3063i	-0.1006+0.4158i	0.1477-0.3051i	0.0240-0.0660i	0.0190-0.0705i	0.0233-0.0827i	0.0151-0.1075i
46.3	0.4178-0.2836i	-0.3951+0.3057i	-0.1187+0.3855i	0.1843-0.2740i	0.0222-0.0673i	0.0166-0.0709i	0.0304-0.0861i	0.0005-0.1081i
46.4	0.4180-0.2931i	-0.4018+0.3159i	-0.1295+0.4450i	0.1970-0.3505i	0.0268-0.0681i	0.0206-0.0708i	0.0390-0.0985i	0.0073-0.0975i
46.5	0.4290-0.2977i	-0.4130+0.3273i	-0.0201+0.4309i	0.0938-0.3352i	0.0283-0.0715i	0.0232-0.0733i	0.0304-0.1078i	0.0189-0.1025i
46.6	0.4395-0.3139i	-0.4317+0.3355i	-0.0398+0.3308i	0.0851-0.2513i	0.0299-0.0722i	0.0265-0.0740i	0.0296-0.1061i	0.0269-0.1093i
46.7	0.4510-0.3236i	-0.4257+0.3380i	-0.0726+0.3093i	0.1347-0.2383i	0.0315-0.0739i	0.0277-0.0755i	0.0290-0.1036i	0.0331-0.1150i
46.8	0.4485-0.3420i	-0.4310+0.3380i	-0.1107+0.2883i	0.1612-0.2453i	0.0363-0.0710i	0.0330-0.0733i	0.0384-0.0943i	0.0395-0.1144i
46.9	0.4450-0.3562i	-0.4555+0.3615i	-0.1569+0.3068i	0.1679-0.2580i	0.0437-0.0757i	0.0408-0.0795i	0.0520-0.1016i	0.0453-0.1252i
47.0	0.4534-0.3814i	-0.4598+0.4016i	-0.1160+0.3661i	0.1320-0.2946i	0.0460-0.0892i	0.0425-0.0921i	0.0533-0.1258i	0.0543-0.1389i
47.1	0.4620-0.3886i	-0.4638+0.4119i	-0.0671+0.3450i	0.0909-0.2615i	0.0454-0.0945i	0.0432-0.0971i	0.0448-0.1326i	0.0630-0.1495i
47.2	0.4814-0.4188i	-0.4745+0.4323i	-0.0846+0.2588i	0.1268-0.1756i	0.0455-0.0983i	0.0419-0.1024i	0.0364-0.1247i	0.0666-0.1717i
47.3	0.4985-0.4446i	-0.4885+0.4472i	-0.1414+0.2522i	0.1912-0.1859i	0.0473-0.1028i	0.0433-0.1071i	0.0440-0.1212i	0.0637-0.1907i
47.4	0.5004-0.4589i	-0.4925+0.4496i	-0.1758+0.2759i	0.2310-0.2287i	0.0490-0.1039i	0.0445-0.1077i	0.0516-0.1178i	0.0604-0.1954i
47.5	0.4858-0.4850i	-0.4805+0.4652i	-0.1885+0.3069i	0.2421-0.2684i	0.0486-0.1054i	0.0452-0.1083i	0.0566-0.1168i	0.0569-0.2001i
47.6	0.4874-0.4950i	-0.4789+0.4748i	-0.1686+0.3334i	0.2166-0.2946i	0.0518-0.1083i	0.0493-0.1105i	0.0638-0.1187i	0.0585-0.2074i
47.7	0.4917-0.5077i	-0.4751+0.4947i	-0.1262+0.3648i	0.1783-0.3158i	0.0542-0.1137i	0.0519-0.1159i	0.0698-0.1271i	0.0593-0.2165i
47.8	0.4723-0.5342i	-0.4671+0.5251i	-0.0996+0.3497i	0.1677-0.2785i	0.0543-0.1172i	0.0512-0.1195i	0.0714-0.1280i	0.0627-0.2247i
47.9	0.4643-0.5619i	-0.4680+0.5501i	-0.1110+0.3169i	0.1750-0.2654i	0.0582-0.1248i	0.0553-0.1271i	0.0792-0.1327i	0.0681-0.2453i
48.0	0.4684-0.5909i	-0.4627+0.5776i	-0.1226+0.3007i	0.1634-0.2618i	0.0576-0.1355i	0.0538-0.1387i	0.0860-0.1478i	0.0508-0.2649i
48.1	0.4291-0.6061i	-0.4260+0.5982i	-0.1399+0.2701i	0.1650-0.2338i	0.0476-0.1379i	0.0448-0.1402i	0.0692-0.1443i	0.0382-0.2721i
48.2	0.4132-0.6153i	-0.4238+0.6154i	-0.1831+0.2817i	0.1926-0.2481i	0.0477-0.1398i	0.0465-0.1426i	0.0781-0.1366i	0.0326-0.2888i
48.3	0.4083-0.6319i	-0.4010+0.6242i	-0.1694+0.3000i	0.1875-0.2742i	0.0465-0.1453i	0.0444-0.1479i	0.0850-0.1395i	0.0224-0.3006i
48.4	0.4175-0.6525i	-0.3971+0.6228i	-0.1481+0.2653i	0.1808-0.2481i	0.0481-0.1465i	0.0457-0.1498i	0.0965-0.1355i	0.0119-0.3073i
48.5	0.3877-0.6592i	-0.3857+0.6258i	-0.1884+0.2486i	0.2035-0.2233i	0.0458-0.1483i	0.0444-0.1521i	0.1092-0.1404i	-0.0084-0.3095i
48.6	0.3824-0.6608i	-0.3885+0.6239i	-0.2268+0.2625i	0.2211-0.2424i	0.0477-0.1516i	0.0477-0.1548i	0.1206-0.1531i	-0.0130-0.3108i
48.7	0.4033-0.6546i	-0.3943+0.6283i	-0.2311+0.2950i	0.2257-0.2724i	0.0549-0.1526i	0.0544-0.1567i	0.1343-0.1557i	-0.0039-0.3111i
48.8	0.3946-0.6713i	-0.3919+0.6433i	-0.1871+0.3407i	0.1812-0.2999i	0.0551-0.1575i	0.0541-0.1638i	0.1422-0.1722i	-0.0108-0.3162i
48.9	0.3824-0.6796i	-0.3732+0.6362i	-0.1594+0.2913i	0.1631-0.2441i	0.0555-0.1597i	0.0541-0.1673i	0.1446-0.1786i	-0.0140-0.3195i
49.0	0.3806-0.6765i	-0.3510+0.6387i	-0.1635+0.2552i	0.2016-0.2156i	0.0565-0.1579i	0.0537-0.1664i	0.1507-0.1693i	-0.0189-0.3186i
49.1	0.3748-0.6913i	-0.3442+0.6441i	-0.1926+0.2300i	0.2226-0.2065i	0.0587-0.1610i	0.0561-0.1695i	0.1641-0.1773i	-0.0261-0.3233i
49.2	0.3962-0.7249i	-0.3617+0.6370i	-0.2588+0.2015i	0.3003-0.2090i	0.0678-0.1706i	0.0633-0.1781i	0.1872-0.1946i	-0.0225-0.3367i
49.3	0.3788-0.7250i	-0.3624+0.6436i	-0.3329+0.2425i	0.3302-0.2455i	0.0664-0.1739i	0.0631-0.1802i	0.1957-0.2044i	-0.0376-0.3364i
49.4	0.3308-0.7156i	-0.3297+0.6511i	-0.3372+0.3377i	0.3047-0.3173i	0.0580-0.1744i	0.0576-0.1808i	0.1931-0.2235i	-0.0579-0.3215i
49.5	0.3423-0.7327i	-0.3379+0.6573i	-0.2980+0.3347i	0.2691-0.3164i	0.0621-0.1824i	0.0621-0.1900i	0.1946-0.2428i	-0.0461-0.3262i
49.6	0.3351-0.7697i	-0.3353+0.6647i	-0.2904+0.3250i	0.2778-0.3268i	0.0644-0.1919i	0.0632-0.1991i	0.2032-0.2556i	-0.0477-0.3416i
49.7	0.3478-0.6967i	-0.3194+0.6811i	-0.2898+0.4400i	0.2956-0.2547i	0.0742-0.1811i	0.0721-0.1913i	0.2283-0.2424i	-0.0392-0.3075i

49.8	0.2997-0.7296i	-0.3884+0.6615i	-0.3652+0.3984i	0.1979-0.3485i	0.0701-0.1941i	0.0709-0.2059i	0.2183-0.2832i	-0.0618-0.3290i
49.9	0.3158-0.7598i	-0.3553+0.6981i	-0.2628+0.3769i	0.1908-0.3141i	0.0750-0.2093i	0.0715-0.2225i	0.2164-0.3198i	-0.0452-0.3370i
50.0	0.3205-0.7877i	-0.3463+0.7108i	-0.2716+0.3455i	0.2336-0.3025i	0.0759-0.2203i	0.0707-0.2312i	0.2154-0.3280i	-0.0452-0.3607i
50.1	0.3173-0.8278i	-0.3777+0.7167i	-0.3086+0.3570i	0.2306-0.3397i	0.0796-0.2339i	0.0744-0.2450i	0.2299-0.3505i	-0.0509-0.3868i
50.2	0.3215-0.8368i	-0.3642+0.7549i	-0.2800+0.3914i	0.2389-0.3433i	0.0822-0.2465i	0.0772-0.2563i	0.2372-0.3782i	-0.0501-0.3896i
50.3	0.3244-0.8456i	-0.3332+0.7575i	-0.2253+0.3919i	0.2253-0.3501i	0.0820-0.2531i	0.0762-0.2645i	0.2317-0.3990i	-0.0440-0.3900i
50.4	0.2915-0.8735i	-0.3033+0.7779i	-0.1975+0.3409i	0.2079-0.3083i	0.0765-0.2679i	0.0686-0.2791i	0.2199-0.4231i	-0.0527-0.4085i
50.5	0.2577-0.8904i	-0.3042+0.8007i	-0.2509+0.3131i	0.2364-0.2886i	0.0699-0.2806i	0.0622-0.2898i	0.2140-0.4419i	-0.0694-0.4279i
50.6	0.2461-0.8819i	-0.3168+0.8224i	-0.2477+0.3536i	0.2090-0.2795i	0.0680-0.2883i	0.0594-0.3003i	0.2112-0.4639i	-0.0794-0.4358i
50.7	0.2451-0.8781i	-0.3351+0.8379i	-0.2408+0.3253i	0.2099-0.2318i	0.0683-0.2952i	0.0573-0.3065i	0.2097-0.4766i	-0.0829-0.4399i
50.8	0.2265-0.9172i	-0.2954+0.8662i	-0.2903+0.2807i	0.2783-0.2243i	0.0579-0.3140i	0.0468-0.3217i	0.1981-0.5039i	-0.1016-0.4581i
50.9	0.2326-0.9553i	-0.2947+0.8878i	-0.3110+0.2867i	0.3014-0.2426i	0.0574-0.3294i	0.0465-0.3356i	0.2029-0.5335i	-0.1092-0.4757i
51.0	0.2307-0.9616i	-0.2803+0.9041i	-0.3484+0.2947i	0.3337-0.2353i	0.0534-0.3388i	0.0425-0.3449i	0.1917-0.5541i	-0.1118-0.4831i
51.1	0.1997-0.9895i	-0.2441+0.9211i	-0.4273+0.2952i	0.3978-0.2589i	0.0410-0.3517i	0.0311-0.3551i	0.1798-0.5700i	-0.1333-0.4976i
51.2	0.1486-1.0141i	-0.2230+0.9350i	-0.4415+0.3594i	0.3947-0.3250i	0.0262-0.3675i	0.0181-0.3712i	0.1628-0.6099i	-0.1573-0.5075i
51.3	0.1375-1.0194i	-0.2174+0.9335i	-0.4143+0.4286i	0.3646-0.3758i	0.0208-0.3729i	0.0137-0.3782i	0.1509-0.6329i	-0.1611-0.5048i
51.4	0.1255-1.0252i	-0.1884+0.9638i	-0.3710+0.4218i	0.3276-0.3386i	0.0108-0.3821i	0.0031-0.3894i	0.1229-0.6588i	-0.1719-0.5092i
51.5	0.0883-1.0360i	-0.1468+0.9975i	-0.4356+0.3276i	0.3976-0.2853i	-0.0070-0.3959i	-0.0152-0.4005i	0.0881-0.6660i	-0.1959-0.5357i
51.6	0.0619-1.0433i	-0.1372+0.9643i	-0.5021+0.4003i	0.4647-0.3565i	-0.0154-0.3995i	-0.0230-0.4038i	0.0872-0.6708i	-0.2138-0.5413i
51.7	0.0317-1.0362i	-0.1039+0.9683i	-0.4888+0.5233i	0.4269-0.4335i	-0.0354-0.4087i	-0.0410-0.4156i	0.0602-0.7002i	-0.2479-0.5447i
51.8	0.0110-1.0216i	-0.0868+0.9661i	-0.4605+0.5128i	0.3992-0.4191i	-0.0465-0.4062i	-0.0523-0.4143i	0.0399-0.7036i	-0.2639-0.5350i
51.9	-0.0305-1.0344i	-0.0476+0.9812i	-0.5099+0.4979i	0.4334-0.4215i	-0.0657-0.4102i	-0.0697-0.4169i	0.0138-0.7181i	-0.2904-0.5297i
52.0	-0.0843-1.0507i	-0.0054+0.9992i	-0.5661+0.5379i	0.4692-0.4602i	-0.0907-0.4225i	-0.0933-0.4286i	-0.0200-0.7468i	-0.3320-0.5371i
52.1	-0.1089-1.0258i	0.0259+0.9781i	-0.5099+0.6334i	0.4243-0.5161i	-0.1038-0.4189i	-0.1070-0.4278i	-0.0482-0.7573i	-0.3459-0.5181i
52.2	-0.1119-1.0182i	0.0159+0.9646i	-0.4747+0.6501i	0.3817-0.5170i	-0.1096-0.4212i	-0.1132-0.4323i	-0.0668-0.7652i	-0.3466-0.5170i
52.3	-0.1274-1.0126i	0.0296+0.9624i	-0.4306+0.6587i	0.3551-0.5253i	-0.1229-0.4213i	-0.1279-0.4347i	-0.0991-0.7735i	-0.3584-0.5098i
52.4	-0.1541-1.0172i	0.0559+0.9925i	-0.4516+0.6297i	0.3749-0.5120i	-0.1341-0.4325i	-0.1398-0.4445i	-0.1237-0.7865i	-0.3675-0.5281i
52.5	-0.1893-1.0071i	0.0865+0.9757i	-0.4803+0.7195i	0.3744-0.5694i	-0.1566-0.4335i	-0.1586-0.4459i	-0.1523-0.7976i	-0.4015-0.5223i
52.6	-0.2287-0.9887i	0.1141+0.9636i	-0.4415+0.7207i	0.3367-0.5525i	-0.1779-0.4283i	-0.1793-0.4418i	-0.1926-0.7972i	-0.4283-0.5064i
52.7	-0.2451-0.9596i	0.1285+0.9399i	-0.4767+0.6620i	0.3685-0.4864i	-0.1894-0.4176i	-0.1911-0.4308i	-0.2248-0.7746i	-0.4299-0.4928i
52.8	-0.2706-0.9394i	0.1613+0.9174i	-0.5634+0.7541i	0.4289-0.5471i	-0.2067-0.4071i	-0.2062-0.4251i	-0.2444-0.7646i	-0.4547-0.4762i
52.9	-0.2418-0.9288i	0.1260+0.9200i	-0.4996+0.8665i	0.3738-0.6177i	-0.2003-0.4079i	-0.2017-0.4301i	-0.2389-0.7820i	-0.4477-0.4705i
53.0	-0.2589-0.9413i	0.1411+0.9461i	-0.4011+0.8812i	0.3200-0.5911i	-0.2122-0.4163i	-0.2174-0.4409i	-0.2738-0.8002i	-0.4587-0.4802i
53.1	-0.2768-0.9300i	0.1615+0.9272i	-0.3794+0.8834i	0.3203-0.5802i	-0.2256-0.4106i	-0.2333-0.4360i	-0.3035-0.7919i	-0.4719-0.4716i
53.2	-0.3001-0.9222i	0.1844+0.9175i	-0.3430+0.8972i	0.2973-0.5814i	-0.2440-0.4060i	-0.2543-0.4329i	-0.3407-0.7840i	-0.4972-0.4673i
53.3	-0.3355-0.9114i	0.2319+0.9261i	-0.3127+0.8496i	0.3099-0.5324i	-0.2619-0.4063i	-0.2753-0.4328i	-0.3740-0.7783i	-0.5236-0.4709i
53.4	-0.3437-0.8781i	0.2653+0.8953i	-0.3949+0.8381i	0.4047-0.5294i	-0.2715-0.3963i	-0.2855-0.4213i	-0.3815-0.7603i	-0.5416-0.4560i
53.5	-0.3508-0.8792i	0.2740+0.8713i	-0.3855+0.9738i	0.4033-0.6327i	-0.2834-0.3898i	-0.2979-0.4199i	-0.4051-0.7765i	-0.5570-0.4277i
53.6	-0.3651-0.8830i	0.2884+0.8689i	-0.3381+0.9526i	0.3936-0.6069i	-0.3018-0.3874i	-0.3197-0.4183i	-0.4551-0.7705i	-0.5700-0.4271i
53.7	-0.3834-0.8500i	0.3061+0.8464i	-0.3688+1.0108i	0.4307-0.6477i	-0.3127-0.3776i	-0.3337-0.4103i	-0.4746-0.7496i	-0.5900-0.4209i
53.8	-0.3946-0.8393i	0.3259+0.8295i	-0.4159+1.0505i	0.4868-0.6880i	-0.3225-0.3695i	-0.3456-0.4024i	-0.4818-0.7391i	-0.6162-0.4071i
53.9	-0.3897-0.8020i	0.3092+0.7866i	-0.3670+1.2560i	0.4612-0.8527i	-0.3211-0.3498i	-0.3478-0.3884i	-0.4852-0.7348i	-0.6111-0.3631i
54.0	-0.3973-0.8052i	0.3007+0.7905i	-0.1413+1.3249i	0.3102-0.8897i	-0.3257-0.3517i	-0.3607-0.3928i	-0.5204-0.7474i	-0.6078-0.3586i
54.1	-0.4247-0.7819i	0.3195+0.7750i	0.0051+1.2364i	0.2230-0.8189i	-0.3410-0.3390i	-0.3831-0.3755i	-0.5658-0.7158i	-0.6200-0.3391i
54.2	-0.4369-0.7546i	0.3294+0.7559i	-0.1137+1.0839i	0.3345-0.7198i	-0.3484-0.3314i	-0.3911-0.3611i	-0.5697-0.6877i	-0.6376-0.3339i
54.3	-0.4151-0.7226i	0.3073+0.7271i	-0.1634+1.2636i	0.3863-0.8656i	-0.3398-0.3204i	-0.3849-0.3536i	-0.5582-0.6942i	-0.6292-0.3055i
54.4	-0.4066-0.7344i	0.2979+0.7440i	0.0846+1.3588i	0.2465-0.9421i	-0.3447-0.3268i	-0.4018-0.3596i	-0.6060-0.7139i	-0.6180-0.3061i
54.5	-0.4328-0.7404i	0.3227+0.7696i	0.2427+1.3250i	0.1702-0.9298i	-0.3686-0.3373i	-0.4330-0.3644i	-0.6692-0.7226i	-0.6402-0.3196i
54.6	-0.4523-0.7176i	0.3541+0.7517i	0.3385+1.2012i	0.1387-0.8716i	-0.3868-0.3241i	-0.4554-0.3415i	-0.7145-0.6789i	-0.6567-0.3044i
54.7	-0.4606-0.7081i	0.3804+0.7398i	0.3170+1.0557i	0.1740-0.8039i	-0.3936-0.3165i	-0.4624-0.3251i	-0.7249-0.6423i	-0.6695-0.3002i
54.8	-0.4566-0.6616i	0.3727+0.6962i	0.1820+1.1379i	0.2765-0.9331i	-0.3931-0.2984i	-0.4573-0.3020i	-0.7074-0.6172i	-0.6769-0.2615i
54.9	-0.4555-0.6670i	0.3586+0.7056i	0.3387+1.2717i	0.1322-1.0760i	-0.3958-0.2957i	-0.4634-0.2962i	-0.7358-0.6235i	-0.6675-0.2436i
55.0	-0.4756-0.6576i	0.3826+0.7080i	0.4963+1.1829i	-0.0037-1.0290i	-0.4123-0.2917i	-0.4802-0.2841i	-0.7808-0.5980i	-0.6766-0.2400i
55.1	-0.4919-0.6244i	0.4117+0.6883i	0.5803+1.0472i	-0.0797-0.9527i	-0.4330-0.2793i	-0.4993-0.2647i	-0.8224-0.5559i	-0.6993-0.2260i
55.2	-0.4726-0.5939i	0.4094+0.6580i	0.6040+0.9449i	-0.1074-0.8884i	-0.4354-0.2734i	-0.4971-0.2562i	-0.8244-0.5323i	-0.6970-0.2259i
55.3	-0.4836-0.5570i	0.4396+0.6242i	0.6204+0.8368i	-0.1354-0.8188i	-0.4497-0.2515i	-0.5079-0.2293i	-0.8480-0.4824i	-0.7122-0.1977i
55.4	-0.4786-0.5462i	0.4348+0.5992i	0.5273+0.7430i	-0.0792-0.7507i	-0.4545-0.2387i	-0.5081-0.2148i	-0.8480-0.4469i	-0.7208-0.1863i
55.5	-0.4631-0.5318i	0.4212+0.5745i	0.4671+0.7989i	-0.0447-0.8051i	-0.4552-0.2235i	-0.5064-0.2007i	-0.8413-0.4215i	-0.7247-0.1623i
55.6	-0.4557-0.5055i	0.4283+0.5482i	0.5634+0.8157i	-0.1250-0.8105i	-0.4665-0.2050i	-0.5179-0.1820i	-0.8666-0.3918i	-0.7345-0.1338i
55.7	-0.4344-0.4905i	0.4250+0.5319i	0.6101+0.7259i	-0.1510-0.7533i	-0.4665-0.1949i	-0.5169-0.1696i	-0.8709-0.3680i	-0.7276-0.1234i
55.8	-0.4329-0.4741i	0.4158+0.5129i	0.6012+0.6320i	-0.1412-0.6967i	-0.4686-0.1825i	-0.5173-0.1531i	-0.8738-0.3338i	-0.7272-0.1087i
55.9	-0.4117-0.4657i	0.4027+0.4965i	0.5583+0.5721i	-0.1000-0.6547i	-0.4659-0.1746i	-0.5127-0.1441i	-0.8638-0.3138i	-0.7235-0.1005i
56.0	-0.3814-0.4567i	0.3780+0.4678i	0.4672+0.5946i	-0.0288-0.6887i	-0.4544-0.1660i	-0.5002-0.1353i	-0.8430-0.2941i	-0.7075-0.0932i

56.1	-0.3758-0.4497i	0.3663+0.4551i	0.4672+0.6938i	-0.0438-0.7869i	-0.4593-0.1522i	-0.5053-0.1223i	-0.8461-0.2716i	-0.7196-0.0747i
56.2	-0.3674-0.4400i	0.3610+0.4482i	0.5473+0.5947i	-0.1131-0.7280i	-0.4660-0.1347i	-0.5111-0.1004i	-0.8562-0.2350i	-0.7266-0.0458i
56.3	-0.3513-0.4404i	0.3489+0.4537i	0.5391+0.5236i	-0.1095-0.6834i	-0.4694-0.1349i	-0.5136-0.0969i	-0.8617-0.2293i	-0.7320-0.0463i
56.4	-0.3295-0.4476i	0.3340+0.4655i	0.5135+0.4821i	-0.0851-0.6679i	-0.4697-0.1368i	-0.5141-0.0980i	-0.8600-0.2294i	-0.7356-0.0496i
56.5	-0.3064-0.4420i	0.3153+0.4446i	0.4765+0.4502i	-0.0497-0.6559i	-0.4608-0.1277i	-0.5038-0.0868i	-0.8416-0.2113i	-0.7205-0.0384i
56.6	-0.3023-0.4389i	0.3040+0.4383i	0.4484+0.4329i	-0.0529-0.6471i	-0.4615-0.1147i	-0.5005-0.0732i	-0.8385-0.1828i	-0.7186-0.0202i
56.7	-0.2951-0.4403i	0.3034+0.4284i	0.4256+0.3995i	-0.0469-0.6585i	-0.4616-0.0957i	-0.4984-0.0500i	-0.8366-0.1461i	-0.7157+0.0083i
56.8	-0.2761-0.4410i	0.2856+0.4260i	0.3829+0.3836i	-0.0181-0.6505i	-0.4587-0.0921i	-0.4951-0.0455i	-0.8274-0.1364i	-0.7161+0.0104i
56.9	-0.2713-0.4555i	0.2812+0.4316i	0.3492+0.3776i	-0.0133-0.6531i	-0.4668-0.0890i	-0.4992-0.0425i	-0.8342-0.1287i	-0.7278+0.0141i
57.0	-0.2612-0.4575i	0.2670+0.4256i	0.3044+0.3655i	0.0096-0.6567i	-0.4661-0.0818i	-0.4968-0.0347i	-0.8293-0.1148i	-0.7282+0.0240i
57.1	-0.2543-0.4623i	0.2626+0.4295i	0.2373+0.3952i	0.0695-0.7035i	-0.4647-0.0693i	-0.4926-0.0212i	-0.8233-0.0929i	-0.7220+0.0441i
57.2	-0.2437-0.4769i	0.2427+0.4541i	0.2281+0.5015i	0.0564-0.7996i	-0.4655-0.0714i	-0.4925-0.0245i	-0.8186-0.0932i	-0.7296+0.0423i
57.3	-0.2388-0.5059i	0.2350+0.4668i	0.3259+0.5424i	-0.0332-0.8411i	-0.4702-0.0715i	-0.4989-0.0223i	-0.8234-0.0927i	-0.7415+0.0490i
57.4	-0.2448-0.5136i	0.2392+0.4705i	0.3514+0.4844i	-0.0763-0.8067i	-0.4628-0.0609i	-0.4877-0.0107i	-0.8075-0.0759i	-0.7257+0.0660i
57.5	-0.2424-0.5207i	0.2236+0.4870i	0.3277+0.4372i	-0.0782-0.7884i	-0.4625-0.0604i	-0.4825-0.0084i	-0.8020-0.0733i	-0.7242+0.0656i
57.6	-0.2405-0.5409i	0.2326+0.5089i	0.3144+0.4271i	-0.0699-0.7852i	-0.4768-0.0549i	-0.4937-0.0019i	-0.8217-0.0618i	-0.7457+0.0777i
57.7	-0.2444-0.5473i	0.2446+0.5006i	0.3094+0.4216i	-0.0908-0.7843i	-0.4776-0.0403i	-0.4916+0.0136i	-0.8203-0.0333i	-0.7403+0.1000i
57.8	-0.2439-0.5689i	0.2312+0.4997i	0.2976+0.4292i	-0.0885-0.8075i	-0.4723-0.0395i	-0.4841+0.0151i	-0.8077-0.0297i	-0.7312+0.1006i
57.9	-0.2409-0.5799i	0.2232+0.5012i	0.2750+0.4143i	-0.0856-0.7981i	-0.4745-0.0383i	-0.4866+0.0149i	-0.8074-0.0282i	-0.7400+0.1004i
58.0	-0.2524-0.5890i	0.2322+0.5170i	0.2667+0.4257i	-0.1144-0.8126i	-0.4689-0.0331i	-0.4768+0.0190i	-0.7915-0.0174i	-0.7267+0.1032i
58.1	-0.2725-0.6083i	0.2521+0.5169i	0.2662+0.4276i	-0.1251-0.8237i	-0.4770-0.0172i	-0.4829+0.0348i	-0.8015+0.0075i	-0.7366+0.1302i
58.2	-0.2835-0.6076i	0.2621+0.5283i	0.2464+0.4358i	-0.1531-0.8315i	-0.4814-0.0121i	-0.4821+0.0386i	-0.7998+0.0134i	-0.7421+0.1411i
58.3	-0.3093-0.6298i	0.2728+0.5312i	0.2386+0.4676i	-0.1763-0.8652i	-0.4882-0.0078i	-0.4861+0.0428i	-0.8057+0.0273i	-0.7535+0.1450i
58.4	-0.3217-0.6430i	0.2639+0.5305i	0.2271+0.4798i	-0.1826-0.8742i	-0.4840-0.0111i	-0.4811+0.0387i	-0.7946+0.0240i	-0.7531+0.1356i
58.5	-0.3418-0.6276i	0.2636+0.5268i	0.2354+0.5053i	-0.2167-0.8862i	-0.4822-0.0040i	-0.4775+0.0432i	-0.7825+0.0333i	-0.7532+0.1443i
58.6	-0.3691-0.6072i	0.2884+0.5343i	0.3263+0.4998i	-0.3243-0.8627i	-0.4842+0.0232i	-0.4785+0.0686i	-0.7803+0.0727i	-0.7539+0.1898i
58.7	-0.3841-0.6084i	0.3053+0.5308i	0.3106+0.4768i	-0.3269-0.8455i	-0.4846+0.0412i	-0.4771+0.0865i	-0.7743+0.0975i	-0.7535+0.2193i
58.8	-0.4245-0.6052i	0.3270+0.5243i	0.3129+0.4681i	-0.3496-0.8158i	-0.4913+0.0544i	-0.4812+0.0977i	-0.7796+0.1118i	-0.7657+0.2420i
58.9	-0.4284-0.5913i	0.3305+0.5159i	0.3216+0.4719i	-0.3614-0.8012i	-0.4817+0.0397i	-0.4721+0.0819i	-0.7566+0.0867i	-0.7577+0.2167i
59.0	-0.4337-0.5743i	0.3340+0.5059i	0.3141+0.4688i	-0.3639-0.7705i	-0.4812+0.0438i	-0.4704+0.0848i	-0.7508+0.0870i	-0.7588+0.2306i
59.1	-0.4287-0.5690i	0.3420+0.5180i	0.3196+0.4847i	-0.3761-0.7651i	-0.4913+0.0411i	-0.4805+0.0810i	-0.7611+0.0727i	-0.7796+0.2335i
59.2	-0.4521-0.5500i	0.3494+0.5143i	0.3313+0.4794i	-0.4050-0.7575i	-0.4973+0.0545i	-0.4851+0.0936i	-0.7702+0.0856i	-0.7853+0.2645i
59.3	-0.4730-0.5383i	0.3614+0.4982i	0.3409+0.4744i	-0.4170-0.7451i	-0.4998+0.0685i	-0.4868+0.1062i	-0.7758+0.0991i	-0.7866+0.2931i
59.4	-0.4803-0.5064i	0.3801+0.4766i	0.3449+0.4674i	-0.4169-0.7147i	-0.5007+0.0858i	-0.4863+0.1217i	-0.7775+0.1181i	-0.7848+0.3263i
59.5	-0.4821-0.4838i	0.3871+0.4716i	0.3588+0.4471i	-0.4275-0.6737i	-0.5053+0.0974i	-0.4895+0.1328i	-0.7831+0.1329i	-0.7874+0.3477i
59.6	-0.4796-0.4559i	0.3854+0.4502i	0.3728+0.4308i	-0.4517-0.6638i	-0.5048+0.1144i	-0.4876+0.1492i	-0.7848+0.1543i	-0.7804+0.3770i
59.7	-0.4806-0.4438i	0.3906+0.4392i	0.3754+0.4210i	-0.4777-0.6420i	-0.5080+0.1301i	-0.4901+0.1629i	-0.7934+0.1728i	-0.7780+0.4055i
59.8	-0.4704-0.4294i	0.3880+0.4365i	0.3783+0.3982i	-0.4740-0.5933i	-0.5120+0.1368i	-0.4962+0.1678i	-0.8035+0.1747i	-0.7840+0.4186i
59.9	-0.3539-0.4885i	0.5186+0.3475i	0.3978+0.3126i	-0.4951-0.6315i	-0.5199+0.1363i	-0.5054+0.1681i	-0.8137+0.1717i	-0.7934+0.4201i
60.0	-0.2190-0.5440i	0.6912+0.2527i	0.4220+0.1911i	-0.5308-0.6643i	-0.5262+0.1543i	-0.5123+0.1849i	-0.8236+0.1991i	-0.7891+0.4470i
60.1	-0.3389-0.5045i	0.5254+0.3117i	0.4013+0.2899i	-0.4980-0.6153i	-0.5220+0.1743i	-0.5062+0.2043i	-0.8223+0.2196i	-0.7854+0.4901i
60.2	-0.4375-0.4127i	0.3599+0.4105i	0.4027+0.3802i	-0.4609-0.5493i	-0.5115+0.1800i	-0.4950+0.2082i	-0.8151+0.2192i	-0.7698+0.5101i
60.3	-0.4344-0.3950i	0.3626+0.3916i	0.4060+0.3493i	-0.4606-0.5106i	-0.5012+0.2048i	-0.4840+0.2320i	-0.8062+0.2576i	-0.7389+0.5491i
60.4	-0.4345-0.3924i	0.3663+0.3872i	0.4107+0.3276i	-0.4581-0.4860i	-0.5011+0.2215i	-0.4848+0.2487i	-0.8159+0.2811i	-0.7291+0.5789i
60.5	-0.4316-0.4035i	0.3578+0.3847i	0.4137+0.3302i	-0.4510-0.4987i	-0.5020+0.2233i	-0.4869+0.2510i	-0.8241+0.2848i	-0.7252+0.5848i
60.6	-0.4425-0.4000i	0.3641+0.3826i	0.4137+0.3166i	-0.4574-0.4899i	-0.4989+0.2455i	-0.4824+0.2730i	-0.8289+0.3223i	-0.7050+0.6206i
60.7	-0.4333-0.3845i	0.3615+0.3800i	0.3900+0.2970i	-0.4251-0.4778i	-0.4864+0.2529i	-0.4710+0.2799i	-0.8157+0.3398i	-0.6805+0.6218i
60.8	-0.4223-0.3742i	0.3590+0.3830i	0.3962+0.2892i	-0.4269-0.4628i	-0.4834+0.2613i	-0.4686+0.2877i	-0.8137+0.3562i	-0.6716+0.6314i
60.9	-0.4148-0.3585i	0.3666+0.3703i	0.3971+0.2548i	-0.4188-0.4216i	-0.4760+0.2844i	-0.4605+0.3106i	-0.7978+0.3928i	-0.6554+0.6643i
61.0	-0.4104-0.3598i	0.3793+0.3628i	0.3842+0.2517i	-0.4046-0.4180i	-0.4747+0.3040i	-0.4571+0.3310i	-0.7913+0.4205i	-0.6525+0.7010i
61.1	-0.4013-0.3643i	0.3830+0.3749i	0.3719+0.2399i	-0.3829-0.4085i	-0.4766+0.3224i	-0.4593+0.3494i	-0.7946+0.4472i	-0.6561+0.7373i
61.2	-0.3982-0.3530i	0.3803+0.3611i	0.3582+0.2206i	-0.3795-0.3980i	-0.4579+0.3451i	-0.4396+0.3705i	-0.7736+0.4811i	-0.6154+0.7715i
61.3	-0.3694-0.3366i	0.3722+0.3481i	0.3462+0.2165i	-0.3712-0.3841i	-0.4397+0.3512i	-0.4215+0.3759i	-0.7473+0.4931i	-0.5829+0.7754i
61.4	-0.3541-0.3475i	0.3535+0.3565i	0.3258+0.2323i	-0.3444-0.4032i	-0.4315+0.3492i	-0.4137+0.3739i	-0.7400+0.4877i	-0.5675+0.7738i
61.5	-0.3427-0.3570i	0.3564+0.3499i	0.3091+0.2426i	-0.3141-0.4176i	-0.4181+0.3654i	-0.3996+0.3900i	-0.7197+0.5085i	-0.5378+0.8010i
61.6	-0.3303-0.3609i	0.3545+0.3430i	0.3107+0.2202i	-0.3027-0.3938i	-0.4037+0.3719i	-0.3854+0.3961i	-0.7000+0.5190i	-0.5124+0.8095i
61.7	-0.3381-0.3708i	0.3646+0.3459i	0.3140+0.2140i	-0.3012-0.3775i	-0.3889+0.3918i	-0.3704+0.4152i	-0.6857+0.5512i	-0.4781+0.8402i
61.8	-0.3269-0.3793i	0.3611+0.3420i	0.3160+0.2072i	-0.2922-0.4056i	-0.3739+0.3997i	-0.3553+0.4237i	-0.6686+0.5622i	-0.4449+0.8576i
61.9	-0.3290-0.3748i	0.3797+0.3280i	0.3096+0.2077i	-0.2933-0.4147i	-0.3513+0.4146i	-0.3305+0.4361i	-0.6375+0.5855i	-0.3920+0.8761i
62.0	-0.3258-0.3772i	0.3813+0.3200i	0.3097+0.1916i	-0.2976-0.4003i	-0.3334+0.4194i	-0.3133+0.4402i	-0.6159+0.5945i	-0.3568+0.8767i
62.1	-0.3262-0.3894i	0.3762+0.3218i	0.2988+0.1793i	-0.2783-0.4102i	-0.3294+0.4213i	-0.3096+0.4416i	-0.6153+0.5986i	-0.3428+0.8800i
62.2	-0.3222-0.4143i	0.3795+0.3240i	0.2914+0.1824i	-0.2741-0.4312i	-0.3219+0.4267i	-0.3010+0.4474i	-0.6115+0.6098i	-0.3233+0.8894i
62.3	-0.3325-0.4202i	0.3739+0.3146i	0.2891+0.1955i	-0.2779-0.4464i	-0.2977+0.4362i	-0.2761+0.4578i	-0.5833+0.6322i	-0.2715+0.9000i

62.4	-0.3395-0.4097i	0.3641+0.3015i	0.2793+0.1873i	-0.2892-0.4289i	-0.2689+0.4397i	-0.2477+0.4577i	-0.5434+0.6481i	-0.2153+0.8830i
62.5	-0.3368-0.4088i	0.3636+0.2857i	0.2746+0.1783i	-0.2874-0.4478i	-0.2529+0.4465i	-0.2306+0.4630i	-0.5214+0.6610i	-0.1844+0.8824i
62.6	-0.3382-0.4197i	0.3603+0.2878i	0.2738+0.1839i	-0.2865-0.4534i	-0.2455+0.4499i	-0.2228+0.4676i	-0.5138+0.6696i	-0.1674+0.8889i
62.7	-0.3345-0.4316i	0.3633+0.2919i	0.2577+0.1874i	-0.2654-0.4491i	-0.2265+0.4442i	-0.2042+0.4617i	-0.4867+0.6692i	-0.1322+0.8692i
62.8	-0.3502-0.4444i	0.3693+0.2746i	0.2526+0.1822i	-0.2806-0.4572i	-0.2083+0.4417i	-0.1860+0.4580i	-0.4600+0.6738i	-0.1012+0.8534i
62.9	-0.3782-0.4458i	0.3666+0.2538i	0.2483+0.1786i	-0.3061-0.4547i	-0.1872+0.4490i	-0.1644+0.4637i	-0.4329+0.6932i	-0.0548+0.8495i
63.0	-0.3689-0.4376i	0.3469+0.2357i	0.2531+0.1678i	-0.3110-0.4695i	-0.1687+0.4355i	-0.1472+0.4501i	-0.4055+0.6822i	-0.0243+0.8102i
63.1	-0.3679-0.4414i	0.3525+0.2659i	0.2485+0.1707i	-0.3110-0.4614i	-0.1723+0.4401i	-0.1499+0.4544i	-0.4103+0.6934i	-0.0266+0.8178i
63.2	-0.3595-0.4590i	0.3663+0.2608i	0.2341+0.1803i	-0.2838-0.4816i	-0.1598+0.4392i	-0.1385+0.4525i	-0.3922+0.6966i	-0.0087+0.8085i
63.3	-0.3652-0.4558i	0.3687+0.2485i	0.2294+0.1739i	-0.2842-0.4750i	-0.1403+0.4399i	-0.1187+0.4535i	-0.3631+0.7090i	0.0235+0.7947i
63.4	-0.3932-0.4557i	0.3666+0.2459i	0.2375+0.1728i	-0.3072-0.4752i	-0.1259+0.4439i	-0.1027+0.4578i	-0.3386+0.7276i	0.0524+0.7879i
63.5	-0.3925-0.4704i	0.3676+0.2517i	0.2249+0.1731i	-0.3066-0.4898i	-0.1214+0.4478i	-0.0988+0.4601i	-0.3320+0.7388i	0.0612+0.7887i
63.6	-0.3991-0.4864i	0.3681+0.2140i	0.2147+0.1732i	-0.2972-0.5305i	-0.1014+0.4424i	-0.0806+0.4540i	-0.2953+0.7358i	0.0855+0.7668i
63.7	-0.4118-0.4833i	0.3568+0.1984i	0.1968+0.1804i	-0.2984-0.5521i	-0.0854+0.4290i	-0.0646+0.4409i	-0.2594+0.7210i	0.0982+0.7332i
63.8	-0.4322-0.4680i	0.3335+0.1925i	0.2098+0.1773i	-0.3477-0.5295i	-0.0734+0.4165i	-0.0520+0.4273i	-0.2362+0.7055i	0.1145+0.7030i
63.9	-0.4374-0.4659i	0.3241+0.1886i	0.2096+0.1741i	-0.3553-0.5194i	-0.0676+0.4103i	-0.0455+0.4224i	-0.2233+0.6986i	0.1216+0.6910i
64.0	-0.4474-0.4607i	0.3187+0.1813i	0.2098+0.1645i	-0.3698-0.5129i	-0.0472+0.4055i	-0.0256+0.4159i	-0.1850+0.6973i	0.1446+0.6690i
64.1	-0.4353-0.4718i	0.3287+0.1744i	0.1957+0.1630i	-0.3339-0.5220i	-0.0361+0.4052i	-0.0174+0.4148i	-0.1626+0.6998i	0.1541+0.6658i
64.2	-0.4282-0.4467i	0.3233+0.1729i	0.1857+0.1575i	-0.3356-0.4935i	-0.0248+0.3981i	-0.0063+0.4056i	-0.1372+0.6924i	0.1664+0.6459i
64.3	-0.4359-0.4518i	0.3142+0.1821i	0.1754+0.1587i	-0.3590-0.4869i	-0.0254+0.3932i	-0.0046+0.4001i	-0.1325+0.6846i	0.1643+0.6371i
64.4	-0.4469-0.4739i	0.3124+0.1819i	0.1657+0.1642i	-0.3642-0.5118i	-0.0187+0.3849i	0.0006+0.3941i	-0.1161+0.6731i	0.1648+0.6235i
64.5	-0.4462-0.4894i	0.3423+0.1743i	0.1622+0.1680i	-0.3333-0.5363i	-0.0003+0.3900i	0.0190+0.3984i	-0.0803+0.6801i	0.1895+0.6307i
64.6	-0.4608-0.4866i	0.3252+0.1667i	0.1629+0.1610i	-0.3571-0.5338i	0.0059+0.3840i	0.0269+0.3918i	-0.0650+0.6688i	0.1962+0.6210i
64.7	-0.4615-0.4779i	0.3104+0.1663i	0.1605+0.1633i	-0.3646-0.5237i	0.0096+0.3720i	0.0302+0.3791i	-0.0555+0.6429i	0.1957+0.6048i
64.8	-0.4647-0.4654i	0.3030+0.1759i	0.1585+0.1608i	-0.3779-0.5093i	0.0144+0.3645i	0.0339+0.3713i	-0.0456+0.6310i	0.1964+0.5933i
64.9	-0.4907-0.4801i	0.2913+0.1395i	0.1564+0.1664i	-0.4017-0.5569i	0.0334+0.3438i	0.0520+0.3523i	-0.0130+0.5957i	0.2202+0.5616i
65.0	-0.4996-0.4747i	0.2761+0.1347i	0.1519+0.1767i	-0.4217-0.5449i	0.0395+0.3364i	0.0583+0.3445i	-0.0015+0.5861i	0.2307+0.5477i
65.1	-0.5118-0.4437i	0.2657+0.1484i	0.1545+0.1758i	-0.4500-0.4983i	0.0414+0.3247i	0.0609+0.3329i	0.0042+0.5664i	0.2347+0.5259i
65.2	-0.5130-0.4551i	0.2719+0.1455i	0.1583+0.1739i	-0.4569-0.5019i	0.0482+0.3282i	0.0681+0.3351i	0.0163+0.5684i	0.2482+0.5304i
65.3	-0.5065-0.4632i	0.2687+0.1542i	0.1551+0.1702i	-0.4297-0.4954i	0.0491+0.3205i	0.0693+0.3272i	0.0175+0.5560i	0.2444+0.5200i
65.4	-0.5229-0.4471i	0.2448+0.1329i	0.1487+0.1634i	-0.4501-0.4967i	0.0583+0.2968i	0.0771+0.3054i	0.0315+0.5179i	0.2516+0.4819i
65.5	-0.5287-0.4357i	0.2703+0.1456i	0.1501+0.1598i	-0.4539-0.4746i	0.0644+0.2992i	0.0833+0.3068i	0.0419+0.5221i	0.2627+0.4849i
65.6	-0.5415-0.4295i	0.2615+0.1480i	0.1515+0.1477i	-0.4837-0.4566i	0.0690+0.2921i	0.0893+0.2988i	0.0504+0.5108i	0.2725+0.4701i
65.7	-0.5516-0.4154i	0.2482+0.1619i	0.1499+0.1468i	-0.4926-0.4307i	0.0669+0.2856i	0.0875+0.2911i	0.0460+0.5018i	0.2677+0.4564i
65.8	-0.5715-0.4038i	0.2268+0.1503i	0.1477+0.1438i	-0.5172-0.4239i	0.0697+0.2720i	0.0910+0.2782i	0.0482+0.4805i	0.2747+0.4331i
65.9	-0.5839-0.4183i	0.2149+0.1192i	0.1527+0.1404i	-0.5406-0.4485i	0.0769+0.2588i	0.0980+0.2657i	0.0566+0.4590i	0.2885+0.4139i
66.0	-0.5911-0.4354i	0.2265+0.0970i	0.1493+0.1348i	-0.5273-0.4661i	0.0881+0.2511i	0.1081+0.2579i	0.0748+0.4481i	0.3033+0.3972i
66.1	-0.6118-0.4173i	0.2062+0.1191i	0.1293+0.1321i	-0.5374-0.4325i	0.0834+0.2471i	0.1037+0.2538i	0.0687+0.4455i	0.2949+0.3859i
66.2	-0.6265-0.4237i	0.1973+0.0875i	0.1081+0.1263i	-0.5389-0.4573i	0.0927+0.2317i	0.1120+0.2390i	0.0842+0.4218i	0.3065+0.3574i
66.3	-0.6145-0.4217i	0.2130+0.1018i	0.1202+0.1234i	-0.5263-0.4508i	0.0881+0.2392i	0.1080+0.2454i	0.0790+0.4346i	0.2988+0.3682i
66.4	-0.6116-0.3714i	0.1887+0.1468i	0.1240+0.1366i	-0.5414-0.3709i	0.0757+0.2361i	0.0964+0.2406i	0.0628+0.4321i	0.2756+0.3594i
66.5	-0.6646-0.3422i	0.1496+0.1226i	0.1099+0.1262i	-0.6118-0.3555i	0.0779+0.2172i	0.1012+0.2227i	0.0684+0.4066i	0.2768+0.3231i
66.6	-0.6965-0.3721i	0.1424+0.0927i	0.0989+0.1019i	-0.6375-0.4008i	0.0869+0.2092i	0.1093+0.2173i	0.0814+0.3962i	0.2921+0.3113i
66.7	-0.6426-0.3514i	0.1868+0.1327i	0.0926+0.0975i	-0.5464-0.3259i	0.0877+0.2201i	0.1084+0.2240i	0.0885+0.4139i	0.2857+0.3229i
66.8	-0.6243-0.3393i	0.1870+0.1344i	0.0924+0.1045i	-0.5306-0.3285i	0.0860+0.2124i	0.1050+0.2168i	0.0894+0.4010i	0.2774+0.3108i
66.9	-0.6219-0.3462i	0.1746+0.1077i	0.0671+0.1043i	-0.5183-0.3448i	0.0909+0.1984i	0.1097+0.2047i	0.0990+0.3757i	0.2835+0.2895i
67.0	-0.6829-0.3442i	0.1332+0.0892i	0.0515+0.0844i	-0.5809-0.3451i	0.0916+0.1813i	0.1144+0.1898i	0.1033+0.3546i	0.2888+0.2610i
67.1	-0.7022-0.3197i	0.1145+0.0925i	0.0360+0.0790i	-0.5933-0.3347i	0.0870+0.1773i	0.1102+0.1845i	0.0990+0.3497i	0.2790+0.2512i
67.2	-0.6892-0.3056i	0.1176+0.1072i	0.0175+0.0847i	-0.5697-0.3063i	0.0833+0.1778i	0.1071+0.1840i	0.0961+0.3503i	0.2651+0.2498i
67.3	-0.7216-0.3014i	0.0957+0.0729i	0.0010+0.0772i	-0.5988-0.3275i	0.0923+0.1626i	0.1153+0.1702i	0.1104+0.3255i	0.2771+0.2249i
67.4	-0.6969-0.2762i	0.1144+0.1024i	0.0018+0.0943i	-0.5736-0.2972i	0.0918+0.1641i	0.1130+0.1697i	0.1140+0.3249i	0.2696+0.2268i
67.5	-0.6812-0.2659i	0.1137+0.1254i	-0.0126+0.1096i	-0.5472-0.2572i	0.0857+0.1647i	0.1087+0.1687i	0.1100+0.3241i	0.2564+0.2299i
67.6	-0.7200-0.2572i	0.0800+0.1044i	-0.0404+0.1032i	-0.5832-0.2713i	0.0830+0.1532i	0.1099+0.1589i	0.1108+0.3068i	0.2501+0.2105i
67.7	-0.7245-0.2574i	0.0729+0.0848i	-0.0337+0.0970i	-0.5793-0.2896i	0.0863+0.1430i	0.1118+0.1503i	0.1161+0.2903i	0.2497+0.1979i
67.8	-0.7162-0.2545i	0.0778+0.0802i	-0.0374+0.0987i	-0.5610-0.2885i	0.0859+0.1408i	0.1102+0.1470i	0.1178+0.2834i	0.2471+0.1955i
67.9	-0.7440-0.2338i	0.0529+0.0850i	-0.0585+0.0995i	-0.6004-0.2811i	0.0828+0.1324i	0.1096+0.1399i	0.1133+0.2715i	0.2452+0.1831i
68.0	-0.6969-0.2399i	0.0845+0.1090i	-0.0550+0.1112i	-0.5416-0.2587i	0.0836+0.1384i	0.1076+0.1425i	0.1162+0.2741i	0.2398+0.1929i
68.1	-0.7292-0.2153i	0.0440+0.1072i	-0.0814+0.1261i	-0.5838-0.2577i	0.0762+0.1266i	0.1026+0.1326i	0.1064+0.2560i	0.2268+0.1783i
68.2	-0.7320-0.1996i	0.0240+0.1137i	-0.0835+0.1306i	-0.5996-0.2427i	0.0735+0.1218i	0.1007+0.1281i	0.1036+0.2473i	0.2225+0.1721i
68.3	-0.7207-0.2097i	0.0355+0.0989i	-0.0906+0.1164i	-0.5649-0.2441i	0.0760+0.1171i	0.1025+0.1224i	0.1097+0.2348i	0.2213+0.1649i
68.4	-0.7562-0.1690i	-0.0060+0.1201i	-0.1186+0.1432i	-0.6103-0.2208i	0.0702+0.1150i	0.1005+0.1185i	0.1040+0.2310i	0.2134+0.1593i
68.5	-0.7543-0.1504i	-0.0176+0.1319i	-0.1350+0.1515i	-0.6034-0.2048i	0.0649+0.1126i	0.0963+0.1149i	0.0979+0.2238i	0.2070+0.1566i
68.6	-0.7341-0.1664i	0.0127+0.1172i	-0.1215+0.1438i	-0.5664-0.2188i	0.0699+0.1099i	0.0986+0.1139i	0.1029+0.2173i	0.2126+0.1546i

68.7	-0.7693-0.1643i	-0.0175+0.1012i	-0.1423+0.1366i	-0.6050-0.2331i	0.0674+0.0990i	0.0985+0.1043i	0.1009+0.1993i	0.2112+0.1415i
68.8	-0.7536-0.1628i	-0.0294+0.0904i	-0.1549+0.1230i	-0.5953-0.2236i	0.0665+0.0941i	0.0972+0.0981i	0.1016+0.1886i	0.2060+0.1375i
68.9	-0.7763-0.1217i	-0.0800+0.1238i	-0.1942+0.1561i	-0.6265-0.1729i	0.0536+0.0915i	0.0882+0.0916i	0.0858+0.1852i	0.1872+0.1277i
69.0	-0.8147-0.1030i	-0.1128+0.1449i	-0.2126+0.1755i	-0.6817-0.1605i	0.0471+0.0876i	0.0862+0.0863i	0.0771+0.1741i	0.1797+0.1208i
69.1	-0.8263-0.0822i	-0.1302+0.1515i	-0.2284+0.1877i	-0.6990-0.1377i	0.0443+0.0837i	0.0851+0.0831i	0.0732+0.1689i	0.1769+0.1134i
69.2	-0.8196-0.0744i	-0.1167+0.1568i	-0.2393+0.1911i	-0.6699-0.1477i	0.0424+0.0827i	0.0820+0.0823i	0.0703+0.1642i	0.1724+0.1187i
69.3	-0.8466-0.0647i	-0.1655+0.1693i	-0.2841+0.2154i	-0.6890-0.1353i	0.0352+0.0797i	0.0766+0.0774i	0.0604+0.1556i	0.1622+0.1165i
69.4	-0.8412-0.0045i	-0.1778+0.2252i	-0.2926+0.2414i	-0.6832-0.0574i	0.0316+0.0817i	0.0730+0.0752i	0.0584+0.1529i	0.1525+0.1171i
69.5	-0.8606+0.0281i	-0.1826+0.2459i	-0.2943+0.2588i	-0.7019-0.0206i	0.0237+0.0807i	0.0675+0.0729i	0.0466+0.1473i	0.1408+0.1146i
69.6	-0.8644+0.0519i	-0.1876+0.2640i	-0.3194+0.2899i	-0.7099-0.0029i	0.0184+0.0813i	0.0631+0.0714i	0.0368+0.1462i	0.1353+0.1149i
69.7	-0.8733+0.0752i	-0.2131+0.2679i	-0.3413+0.3012i	-0.7171+0.0083i	0.0153+0.0792i	0.0621+0.0677i	0.0344+0.1394i	0.1291+0.1148i
69.8	-0.8948+0.0899i	-0.2488+0.2665i	-0.3783+0.3168i	-0.7377+0.0189i	0.0089+0.0762i	0.0583+0.0632i	0.0227+0.1330i	0.1245+0.1076i
69.9	-0.9042+0.0993i	-0.2620+0.2862i	-0.4151+0.3477i	-0.7350+0.0339i	0.0034+0.0786i	0.0527+0.0643i	0.0111+0.1344i	0.1201+0.1077i
70.0	-0.9028+0.1397i	-0.2874+0.3162i	-0.4452+0.3804i	-0.7258+0.0560i	-0.0014+0.0798i	0.0492+0.0636i	0.0064+0.1341i	0.1089+0.1098i
70.1	-0.9184+0.1875i	-0.3187+0.3586i	-0.4798+0.4246i	-0.7413+0.0882i	-0.0123+0.0824i	0.0413+0.0634i	-0.0101+0.1373i	0.0926+0.1140i
70.2	-0.9211+0.2478i	-0.3347+0.4004i	-0.4731+0.4767i	-0.7459+0.1362i	-0.0184+0.0872i	0.0375+0.0640i	-0.0225+0.1405i	0.0903+0.1192i
70.3	-0.9128+0.2799i	-0.3304+0.4407i	-0.4721+0.5229i	-0.7267+0.1727i	-0.0185+0.0922i	0.0355+0.0654i	-0.0269+0.1433i	0.0949+0.1231i
70.4	-0.9146+0.3552i	-0.3595+0.5139i	-0.5046+0.6036i	-0.7287+0.2338i	-0.0260+0.1008i	0.0300+0.0674i	-0.0395+0.1518i	0.0860+0.1325i
70.5	-0.8710+0.4294i	-0.3521+0.5883i	-0.5034+0.6739i	-0.6892+0.3127i	-0.0276+0.1119i	0.0274+0.0719i	-0.0447+0.1650i	0.0780+0.1473i
70.6	-0.8681+0.4960i	-0.3466+0.6433i	-0.5172+0.7344i	-0.6788+0.3700i	-0.0307+0.1178i	0.0243+0.0744i	-0.0493+0.1723i	0.0749+0.1515i
70.7	-0.8301+0.5529i	-0.3207+0.7089i	-0.4819+0.8159i	-0.6531+0.4203i	-0.0307+0.1269i	0.0226+0.0776i	-0.0500+0.1824i	0.0738+0.1611i
70.8	-0.7524+0.6099i	-0.2593+0.7800i	-0.3949+0.9040i	-0.5877+0.4484i	-0.0239+0.1392i	0.0235+0.0821i	-0.0457+0.1948i	0.0806+0.1727i
70.9	-0.6680+0.6557i	-0.1902+0.8491i	-0.3286+0.9745i	-0.5001+0.4723i	-0.0145+0.1491i	0.0269+0.0872i	-0.0345+0.2093i	0.0926+0.1877i
71.0	-0.6138+0.7123i	-0.1453+0.9006i	-0.2881+1.0509i	-0.4472+0.5210i	-0.0116+0.1564i	0.0245+0.0908i	-0.0333+0.2197i	0.0954+0.1948i
71.1	-0.4929+0.7991i	-0.0526+1.0085i	-0.1621+1.1794i	-0.3472+0.5854i	-0.0010+0.1758i	0.0269+0.0990i	-0.0198+0.2407i	0.1004+0.2146i
71.2	-0.4119+0.8238i	0.0253+1.0594i	-0.0822+1.2201i	-0.2725+0.5957i	0.0085+0.1840i	0.0309+0.1034i	-0.0060+0.2485i	0.1053+0.2281i
71.3	-0.3002+0.7725i	0.1419+1.0266i	0.0428+1.1878i	-0.1834+0.5549i	0.0263+0.1839i	0.0370+0.1045i	0.0102+0.2417i	0.1269+0.2341i
71.4	-0.1879+0.7670i	0.2457+1.0370i	0.1527+1.1995i	-0.1055+0.5516i	0.0419+0.1849i	0.0419+0.1037i	0.0285+0.2393i	0.1401+0.2391i
71.5	-0.1580+0.7130i	0.2912+0.9849i	0.2227+1.1492i	-0.0627+0.5141i	0.0496+0.1771i	0.0460+0.1023i	0.0349+0.2365i	0.1536+0.2266i
71.6	-0.0924+0.7035i	0.3637+0.9840i	0.3206+1.1466i	-0.0121+0.4969i	0.0589+0.1783i	0.0490+0.1040i	0.0458+0.2393i	0.1669+0.2300i
71.7	0.0069+0.6268i	0.4809+0.9118i	0.4416+1.0750i	0.0656+0.4140i	0.0787+0.1688i	0.0590+0.0997i	0.0674+0.2241i	0.1929+0.2224i
71.8	0.0611+0.5315i	0.5241+0.8177i	0.4830+0.9743i	0.1131+0.3365i	0.0885+0.1551i	0.0628+0.0930i	0.0742+0.2050i	0.2066+0.2094i
71.9	0.0588+0.4738i	0.5224+0.7458i	0.5035+0.8885i	0.1022+0.3035i	0.0890+0.1425i	0.0634+0.0861i	0.0687+0.1945i	0.2117+0.1841i
72.0	0.0517+0.4700i	0.5138+0.7232i	0.4894+0.8811i	0.0855+0.2667i	0.0883+0.1358i	0.0637+0.0816i	0.0658+0.1845i	0.2127+0.1781i
72.1	0.0603+0.4210i	0.5444+0.6799i	0.5133+0.8313i	0.0954+0.2311i	0.0941+0.1289i	0.0660+0.0794i	0.0712+0.1791i	0.2224+0.1702i
72.2	0.0824+0.3697i	0.5786+0.6231i	0.5701+0.7751i	0.1213+0.1947i	0.1010+0.1221i	0.0692+0.0744i	0.0804+0.1765i	0.2279+0.1524i
72.3	0.1039+0.3285i	0.6077+0.5520i	0.5848+0.7135i	0.1418+0.1521i	0.1055+0.1124i	0.0707+0.0709i	0.0814+0.1658i	0.2385+0.1401i
72.4	0.1066+0.3109i	0.6183+0.5253i	0.5912+0.7018i	0.1505+0.1293i	0.1069+0.1057i	0.0721+0.0659i	0.0792+0.1561i	0.2433+0.1319i
72.5	0.1070+0.2882i	0.5979+0.5061i	0.5879+0.6843i	0.1369+0.1016i	0.1033+0.1005i	0.0716+0.0634i	0.0727+0.1497i	0.2415+0.1203i
72.6	0.0760+0.2479i	0.5494+0.4655i	0.5328+0.6260i	0.1104+0.0791i	0.0971+0.0933i	0.0675+0.0604i	0.0639+0.1430i	0.2353+0.1124i
72.7	0.0907+0.2205i	0.5489+0.4194i	0.5499+0.5974i	0.0971+0.0553i	0.0955+0.0845i	0.0659+0.0541i	0.0604+0.1388i	0.2318+0.0903i
72.8	0.0880+0.1965i	0.5635+0.3997i	0.5574+0.5661i	0.1186+0.0202i	0.0986+0.0795i	0.0666+0.0509i	0.0630+0.1306i	0.2338+0.0866i
72.9	0.0928+0.1976i	0.5581+0.3785i	0.5597+0.5363i	0.1099+0.0111i	0.0991+0.0730i	0.0660+0.0471i	0.0628+0.1250i	0.2331+0.0746i
73.0	0.0970+0.1482i	0.5411+0.3272i	0.5581+0.4632i	0.0959-0.0275i	0.0979+0.0625i	0.0645+0.0437i	0.0610+0.1150i	0.2304+0.0629i
73.1	0.0770+0.1417i	0.4967+0.3106i	0.5293+0.4505i	0.0900-0.0359i	0.0908+0.0591i	0.0589+0.0409i	0.0572+0.1105i	0.2139+0.0575i
73.2	0.0743+0.1454i	0.4671+0.2958i	0.5168+0.4539i	0.0654-0.0384i	0.0835+0.0544i	0.0549+0.0363i	0.0502+0.1001i	0.2005+0.0486i
73.3	0.0610+0.1270i	0.4803+0.2495i	0.5124+0.4034i	0.0705-0.0653i	0.0862+0.0481i	0.0577+0.0329i	0.0526+0.0922i	0.2090+0.0410i
73.4	0.0759+0.1024i	0.4682+0.2283i	0.5108+0.3860i	0.0822-0.0776i	0.0836+0.0451i	0.0562+0.0319i	0.0474+0.0915i	0.2009+0.0370i
73.5	0.0585+0.0874i	0.4386+0.2236i	0.4868+0.3875i	0.0527-0.0994i	0.0797+0.0422i	0.0527+0.0304i	0.0446+0.0903i	0.1909+0.0274i
73.6	0.0576+0.0831i	0.4136+0.2321i	0.4644+0.3963i	0.0482-0.1003i	0.0755+0.0415i	0.0494+0.0293i	0.0379+0.0860i	0.1879+0.0308i
73.7	0.0597+0.0820i	0.4120+0.2391i	0.4632+0.3926i	0.0503-0.0989i	0.0730+0.0405i	0.0478+0.0279i	0.0296+0.0823i	0.1863+0.0350i
73.8	0.0711+0.0651i	0.3957+0.2260i	0.4610+0.3754i	0.0402-0.0987i	0.0698+0.0384i	0.0441+0.0270i	0.0263+0.0788i	0.1775+0.0321i
73.9	0.0886+0.0706i	0.3705+0.2112i	0.4545+0.3690i	0.0424-0.1115i	0.0676+0.0347i	0.0414+0.0251i	0.0233+0.0790i	0.1702+0.0199i
74.0	0.0843+0.0842i	0.3550+0.1980i	0.4546+0.3738i	0.0183-0.1255i	0.0658+0.0293i	0.0414+0.0213i	0.0168+0.0747i	0.1711+0.0103i
74.1	0.0794+0.0611i	0.3552+0.2066i	0.4472+0.3778i	0.0258-0.1428i	0.0645+0.0284i	0.0417+0.0214i	0.0142+0.0724i	0.1691+0.0139i
74.2	0.1199+0.0412i	0.3264+0.1855i	0.4537+0.3361i	0.0153-0.1287i	0.0592+0.0256i	0.0359+0.0179i	0.0092+0.0684i	0.1547+0.0094i
74.3	0.1194+0.0248i	0.3063+0.1792i	0.4407+0.3157i	0.0253-0.1357i	0.0567+0.0243i	0.0330+0.0184i	0.0011+0.0631i	0.1527+0.0148i
74.4	0.1064+0.0105i	0.2862+0.1938i	0.4292+0.3202i	0.0153-0.1261i	0.0548+0.0247i	0.0316+0.0200i	-0.0024+0.0660i	0.1492+0.0180i
74.5	0.1051+0.0218i	0.2826+0.2156i	0.4220+0.3433i	0.0055-0.1280i	0.0523+0.0267i	0.0323+0.0200i	0.0032+0.0747i	0.1431+0.0100i
74.6	0.0955+0.0114i	0.2591+0.2041i	0.3898+0.3210i	0.0058-0.1320i	0.0475+0.0242i	0.0303+0.0193i	-0.0020+0.0726i	0.1374+0.0047i
74.7	0.0908-0.0034i	0.2529+0.1858i	0.3848+0.3067i	0.0181-0.1483i	0.0485+0.0230i	0.0300+0.0178i	-0.0079+0.0629i	0.1452+0.0098i
74.8	0.0926-0.0122i	0.2281+0.2042i	0.3753+0.3004i	0.0038-0.1354i	0.0461+0.0227i	0.0276+0.0173i	-0.0100+0.0617i	0.1364+0.0122i
74.9	0.1278-0.0108i	0.2112+0.1955i	0.3847+0.3054i	-0.0023-0.1363i	0.0430+0.0209i	0.0241+0.0152i	-0.0181+0.0565i	0.1294+0.0101i

75.0	0.1151-0.0134i	0.1846+0.1925i	0.3735+0.3116i	-0.0289-0.1512i	0.0404+0.0174i	0.0240+0.0140i	-0.0264+0.0579i	0.1301+0.0032i
75.1	0.1210-0.0053i	0.1900+0.1999i	0.3943+0.2991i	-0.0416-0.1352i	0.0391+0.0157i	0.0232+0.0114i	-0.0224+0.0590i	0.1263-0.0051i
75.2	0.1194-0.0383i	0.1769+0.2043i	0.3977+0.3065i	-0.0456-0.1516i	0.0383+0.0147i	0.0225+0.0112i	-0.0296+0.0579i	0.1289-0.0062i
75.3	0.1311-0.0489i	0.1502+0.2318i	0.3726+0.3095i	-0.0289-0.1566i	0.0354+0.0171i	0.0197+0.0125i	-0.0342+0.0582i	0.1226+0.0013i
75.4	0.1329-0.0790i	0.1209+0.2532i	0.3495+0.2969i	-0.0341-0.1608i	0.0312+0.0180i	0.0186+0.0137i	-0.0384+0.0648i	0.1174+0.0012i
75.5	0.1883-0.1240i	0.1026+0.2600i	0.3591+0.2465i	-0.0171-0.1408i	0.0282+0.0150i	0.0129+0.0137i	-0.0369+0.0637i	0.0983+0.0048i
75.6	0.1858-0.1126i	0.1236+0.2416i	0.3690+0.2310i	-0.0208-0.1441i	0.0309+0.0119i	0.0159+0.0113i	-0.0376+0.0624i	0.1063-0.0028i
75.7	0.1799-0.1314i	0.0994+0.2523i	0.3525+0.2287i	-0.0281-0.1470i	0.0276+0.0121i	0.0129+0.0108i	-0.0476+0.0679i	0.1030-0.0090i
75.8	0.1701-0.1249i	0.0835+0.2777i	0.3430+0.2534i	-0.0352-0.1362i	0.0257+0.0136i	0.0114+0.0119i	-0.0483+0.0715i	0.0986-0.0081i
75.9	0.1549-0.1811i	0.1075+0.3149i	0.3181+0.2221i	-0.0082-0.1374i	0.0259+0.0164i	0.0118+0.0134i	-0.0455+0.0729i	0.0966-0.0003i
76.0	0.1821-0.2020i	0.0769+0.3218i	0.3248+0.2223i	-0.0097-0.1512i	0.0232+0.0145i	0.0115+0.0118i	-0.0504+0.0729i	0.0947-0.0042i
76.1	0.1533-0.2364i	0.0614+0.3447i	0.2825+0.2440i	0.0057-0.1660i	0.0219+0.0157i	0.0103+0.0132i	-0.0559+0.0723i	0.0977+0.0084i
76.2	0.1694-0.2333i	0.0373+0.3420i	0.2997+0.2383i	-0.0157-0.1401i	0.0214+0.0128i	0.0082+0.0099i	-0.0553+0.0754i	0.0937-0.0035i
76.3	0.1745-0.2330i	0.0231+0.3641i	0.2931+0.2301i	-0.0131-0.1360i	0.0194+0.0112i	0.0074+0.0082i	-0.0513+0.0767i	0.0822-0.0086i
76.4	0.1678-0.2484i	0.0236+0.4030i	0.2906+0.2639i	-0.0220-0.1454i	0.0192+0.0112i	0.0072+0.0081i	-0.0570+0.0772i	0.0855-0.0054i
76.5	0.1504-0.3221i	0.0502+0.4573i	0.2637+0.2559i	0.0111-0.1604i	0.0188+0.0134i	0.0057+0.0108i	-0.0614+0.0777i	0.0893+0.0068i
76.6	0.1255-0.3379i	0.0649+0.4744i	0.2576+0.2658i	-0.0061-0.1720i	0.0183+0.0130i	0.0047+0.0097i	-0.0620+0.0790i	0.0896+0.0028i
76.7	0.1220-0.3560i	0.0813+0.5108i	0.2589+0.2482i	0.0040-0.1536i	0.0166+0.0141i	0.0045+0.0092i	-0.0581+0.0799i	0.0800+0.0090i
76.8	0.1513-0.4126i	0.0690+0.5286i	0.2560+0.2267i	0.0429-0.1554i	0.0160+0.0106i	0.0034+0.0081i	-0.0565+0.0697i	0.0740+0.0149i
76.9	0.0964-0.4316i	0.0651+0.5366i	0.2150+0.2610i	0.0444-0.1941i	0.0169+0.0100i	0.0040+0.0068i	-0.0614+0.0687i	0.0861+0.0116i
77.0	0.0450-0.4389i	0.0999+0.5652i	0.2050+0.2752i	0.0316-0.2094i	0.0151+0.0101i	0.0026+0.0066i	-0.0649+0.0727i	0.0907+0.0115i
77.1	-0.0176-0.4929i	0.1458+0.6214i	0.1849+0.3217i	0.0193-0.2387i	0.0146+0.0140i	0.0006+0.0100i	-0.0699+0.0837i	0.1004+0.0181i
77.2	0.0095-0.5128i	0.1499+0.6524i	0.2061+0.3099i	0.0243-0.2167i	0.0111+0.0125i	-0.0029+0.0056i	-0.0688+0.0775i	0.0898+0.0194i
77.3	-0.0516-0.5107i	0.1817+0.6421i	0.1798+0.3276i	0.0176-0.2528i	0.0100+0.0113i	-0.0035+0.0060i	-0.0778+0.0760i	0.0981+0.0196i
77.4	-0.0865-0.5527i	0.2225+0.7010i	0.1790+0.3224i	0.0213-0.2435i	0.0093+0.0112i	-0.0058+0.0054i	-0.0772+0.0767i	0.0932+0.0219i
77.5	-0.1414-0.5177i	0.2838+0.6713i	0.1649+0.3597i	0.0421-0.2703i	0.0112+0.0126i	-0.0033+0.0091i	-0.0680+0.0732i	0.1032+0.0260i
77.6	-0.1861-0.5600i	0.3525+0.7019i	0.1814+0.3722i	0.0512-0.2904i	0.0078+0.0099i	-0.0079+0.0071i	-0.0792+0.0723i	0.1068+0.0254i
77.7	-0.1598-0.5637i	0.3340+0.7349i	0.2129+0.3653i	0.0300-0.2568i	0.0081+0.0063i	-0.0093+0.0018i	-0.0818+0.0656i	0.1002+0.0225i
77.8	-0.1764-0.5012i	0.3269+0.7088i	0.2379+0.4068i	-0.0134-0.2686i	0.0084+0.0050i	-0.0094-0.0007i	-0.0871+0.0652i	0.1085+0.0112i
77.9	-0.2202-0.5073i	0.3740+0.7175i	0.2377+0.4375i	-0.0082-0.2990i	0.0072+0.0025i	-0.0110+0.0011i	-0.0990+0.0657i	0.1194+0.0094i
78.0	-0.2753-0.5083i	0.4629+0.6971i	0.2459+0.4396i	0.0277-0.3215i	0.0078+0.0019i	-0.0106+0.0030i	-0.1009+0.0641i	0.1320+0.0074i
78.1	-0.2707-0.5168i	0.4931+0.7375i	0.2389+0.4340i	0.0527-0.2830i	0.0027+0.0049i	-0.0152+0.0013i	-0.1011+0.0596i	0.1191+0.0222i
78.2	-0.3127-0.4687i	0.5011+0.6732i	0.2548+0.4488i	0.0202-0.3062i	0.0011+0.0052i	-0.0180+0.0033i	-0.1171+0.0653i	0.1280+0.0155i
78.3	-0.3243-0.4290i	0.4958+0.6457i	0.2624+0.4586i	-0.0307-0.3106i	-0.0049+0.0018i	-0.0225+0.0023i	-0.1292+0.0652i	0.1272+0.0034i
78.4	-0.2854-0.4369i	0.4769+0.6771i	0.3017+0.4578i	-0.0449-0.2844i	-0.0082-0.0012i	-0.0256-0.0024i	-0.1351+0.0679i	0.1176-0.0132i
78.5	-0.3127-0.4073i	0.4976+0.6508i	0.3184+0.4802i	-0.0586-0.3025i	-0.0102-0.0012i	-0.0279-0.0036i	-0.1496+0.0725i	0.1302-0.0233i
78.6	-0.3743-0.3168i	0.5978+0.5538i	0.3490+0.4831i	-0.0567-0.3231i	-0.0026+0.0023i	-0.0227+0.0020i	-0.1432+0.0850i	0.1513-0.0314i
78.7	-0.3957-0.3128i	0.6452+0.5613i	0.3756+0.4616i	-0.0604-0.2953i	-0.0062+0.0044i	-0.0271+0.0034i	-0.1447+0.0977i	0.1422-0.0348i
78.8	-0.3676-0.3123i	0.6311+0.5415i	0.3799+0.4390i	-0.0696-0.2879i	-0.0114+0.0030i	-0.0299+0.0046i	-0.1495+0.1084i	0.1336-0.0408i
78.9	-0.3568-0.2884i	0.6212+0.5180i	0.4012+0.4143i	-0.0716-0.2634i	-0.0147+0.0055i	-0.0331+0.0059i	-0.1497+0.1201i	0.1227-0.0520i
79.0	-0.3537-0.2502i	0.6091+0.4927i	0.3886+0.3960i	-0.0709-0.2377i	-0.0141+0.0103i	-0.0320+0.0106i	-0.1387+0.1260i	0.1159-0.0485i
79.1	-0.2926-0.2370i	0.5821+0.5012i	0.3604+0.4230i	-0.0132-0.2318i	-0.0082+0.0079i	-0.0267+0.0061i	-0.1357+0.1100i	0.1234-0.0407i
79.2	-0.2874-0.2588i	0.6398+0.5328i	0.3828+0.4676i	0.0238-0.2565i	-0.0089+0.0053i	-0.0297+0.0025i	-0.1503+0.1082i	0.1368-0.0446i
79.3	-0.3253-0.2383i	0.6836+0.4843i	0.3893+0.4650i	0.0177-0.2857i	-0.0070+0.0088i	-0.0284+0.0074i	-0.1506+0.1182i	0.1493-0.0475i
79.4	-0.3485-0.2325i	0.7059+0.4390i	0.3540+0.4534i	0.0425-0.3075i	-0.0051+0.0117i	-0.0259+0.0124i	-0.1476+0.1179i	0.1514-0.0419i
79.5	-0.2885-0.2056i	0.7000+0.4357i	0.3999+0.4718i	0.0631-0.3158i	-0.0044+0.0048i	-0.0247+0.0061i	-0.1486+0.1206i	0.1496-0.0674i
79.6	-0.2987-0.1823i	0.6835+0.3632i	0.4301+0.4496i	0.0305-0.3482i	-0.0048+0.0008i	-0.0250+0.0059i	-0.1508+0.1260i	0.1506-0.0842i
79.7	-0.3026-0.2088i	0.6779+0.3509i	0.4343+0.4418i	0.0138-0.3806i	-0.0077-0.0001i	-0.0292+0.0068i	-0.1612+0.1340i	0.1482-0.0883i
79.8	-0.2735-0.1908i	0.6695+0.3201i	0.4634+0.4108i	0.0090-0.3806i	-0.0072-0.0052i	-0.0301+0.0027i	-0.1532+0.1417i	0.1360-0.1116i
79.9	-0.2420-0.1908i	0.6655+0.2915i	0.5035+0.3990i	-0.0150-0.3851i	-0.0101-0.0113i	-0.0330-0.0034i	-0.1544+0.1481i	0.1223-0.1381i
80.0	-0.2230-0.2449i	0.6799+0.3229i	0.4997+0.3838i	0.0030-0.3794i	-0.0165-0.0114i	-0.0400-0.0038i	-0.1611+0.1501i	0.1045-0.1366i

1.1.12 Run 3 – IP315-200 – SF and shaft bending gauges

In-plane shaking at 315° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.1427+0.0000i	-0.4656+0.0000i	-0.5860+0.0000i	-0.2655+0.0000i	3.9071+0.0000i	3.9897+0.0000i	7.7891+0.0000i	-2.7775+0.0000i
0.1	-0.1404+0.0001i	-0.4633-0.0023i	-0.5804-0.0011i	-0.2629+0.0000i	3.8177-0.0552i	4.0183+0.1080i	7.6926+0.0134i	-2.7384-0.0229i
0.2	-0.1972-0.0066i	-0.1879-0.0054i	-0.1575+0.0226i	-0.1359-0.0098i	12.2820-0.4938i	-18.9276+1.8177i	7.2667-1.1985i	-7.3393+0.8962i
0.3	-0.2173+0.0125i	-0.2073+0.0020i	-0.1724+0.0100i	-0.1744-0.0021i	15.8006-0.5145i	-23.0296+2.0949i	9.4999-1.2086i	-9.2806+0.9580i
0.4	-0.2116+0.0068i	-0.2130+0.0064i	-0.1738+0.0087i	-0.1762-0.0009i	16.9043+0.1703i	-23.7225+1.7763i	10.3084-0.5964i	-9.8278+0.6719i
0.5	-0.2149+0.0028i	-0.2140+0.0056i	-0.1731+0.0044i	-0.1769-0.0007i	17.2337+0.3876i	-23.8913+1.4187i	10.5587-0.3308i	-10.0149+0.4229i
0.6	-0.2135+0.0042i	-0.2154+0.0051i	-0.1741+0.0035i	-0.1762+0.0001i	17.2932+0.4293i	-23.6806+1.3917i	10.5602-0.3232i	-10.0031+0.4144i
0.7	-0.2127+0.0052i	-0.2170+0.0053i	-0.1740+0.0038i	-0.1771+0.0004i	17.4183+0.3216i	-23.5425+1.4256i	10.5963-0.3961i	-9.9884+0.4514i
0.8	-0.2150+0.0053i	-0.2181+0.0056i	-0.1742+0.0043i	-0.1792+0.0008i	17.4778+0.1624i	-23.3352+1.4590i	10.5471-0.5394i	-9.8928+0.5150i
0.9	-0.2197+0.0071i	-0.2199+0.0067i	-0.1750+0.0053i	-0.1819+0.0024i	17.1224+0.0522i	-22.9118+1.3863i	10.1150-0.5693i	-9.5976+0.4929i
1.0	-0.2210+0.0080i	-0.2216+0.0072i	-0.1760+0.0052i	-0.1829+0.0034i	17.0266+0.1553i	-22.7279+1.2539i	9.9550-0.4504i	-9.4827+0.4059i
1.1	-0.2231+0.0098i	-0.2260+0.0111i	-0.1794+0.0065i	-0.1861+0.0055i	17.5088+0.3634i	-23.2389+0.6958i	10.4318-0.1596i	-9.9059+0.0749i
1.2	-0.2287+0.0126i	-0.2327+0.0122i	-0.1839+0.0082i	-0.1900+0.0061i	17.8419+0.1851i	-23.6532+0.8264i	10.7156-0.2404i	-10.1783+0.1296i
1.3	-0.2350+0.0147i	-0.2436+0.0132i	-0.1899+0.0093i	-0.1957+0.0076i	17.9730+0.0869i	-23.7235+0.9230i	10.7764-0.3341i	-10.2188+0.2026i
1.4	-0.2417+0.0103i	-0.2714+0.0238i	-0.2009+0.0110i	-0.2068+0.0099i	18.2467+0.0849i	-23.7782+0.9521i	10.9006-0.3656i	-10.2507+0.2362i
1.5	-0.2654+0.0093i	-0.2814+0.0696i	-0.2122+0.0262i	-0.2182+0.0246i	18.5047-0.2801i	-23.7870+1.0727i	10.9966-0.5925i	-10.2393+0.3061i
1.6	-0.2940+0.0346i	-0.2660+0.0826i	-0.2172+0.0392i	-0.2226+0.0369i	18.6400-0.5864i	-23.8222+1.0695i	11.0591-0.7524i	-10.2604+0.2871i
1.7	-0.3073+0.0851i	-0.2599+0.1033i	-0.2193+0.0629i	-0.2254+0.0603i	18.7320-1.1850i	-23.9856+1.0309i	11.1061-1.0753i	-10.3563+0.2282i
1.8	-0.2942+0.1613i	-0.2438+0.1548i	-0.2094+0.1055i	-0.2165+0.1023i	18.4974-2.1460i	-24.2595+1.0947i	10.9580-1.5987i	-10.5320+0.1828i
1.9	-0.2126+0.2120i	-0.1726+0.1822i	-0.1589+0.1316i	-0.1666+0.1286i	17.3190-2.7203i	-24.5268+1.2497i	10.3065-1.8926i	-10.8006+0.2326i
2.0	-0.1279+0.1970i	-0.1042+0.1597i	-0.1081+0.1193i	-0.1163+0.1172i	16.1319-2.4638i	-24.9922+1.2797i	9.6777-1.7216i	-11.1744+0.2860i
2.1	-0.0945+0.1366i	-0.0764+0.1033i	-0.0874+0.0804i	-0.0959+0.0793i	15.4626-1.5949i	-26.4000+1.4722i	9.4148-1.2395i	-12.0343+0.4767i
2.2	-0.0907+0.1010i	-0.0657+0.0694i	-0.0824+0.0572i	-0.0911+0.0568i	14.9837-1.0400i	-28.7489+2.0275i	9.3407-0.9536i	-13.4064+0.8344i
2.3	-0.0774+0.0792i	-0.0661+0.0366i	-0.0781+0.0387i	-0.0865+0.0393i	14.9878-0.1899i	-27.8155+4.8972i	9.2669-0.6792i	-12.8835+2.5366i
2.4	-0.0993+0.0481i	-0.1373+0.0322i	-0.1095+0.0276i	-0.1165+0.0269i	17.3306-0.3040i	-18.2422+1.9790i	9.7869-0.5805i	-7.2857+0.9651i
2.5	-0.1067+0.0386i	-0.1381+0.0286i	-0.1123+0.0231i	-0.1195+0.0226i	17.2583-0.3344i	-19.5201+1.1438i	9.8758-0.5291i	-8.0291+0.4858i
2.6	-0.1155+0.0318i	-0.1396+0.0241i	-0.1156+0.0193i	-0.1230+0.0189i	17.1683-0.3231i	-20.7139+0.9383i	9.9271-0.5008i	-8.7113+0.3785i
2.7	-0.1222+0.0266i	-0.1428+0.0203i	-0.1190+0.0165i	-0.1263+0.0160i	17.1966-0.2808i	-21.2787+0.8519i	9.9870-0.4653i	-9.0300+0.3386i
2.8	-0.1261+0.0232i	-0.1451+0.0178i	-0.1211+0.0145i	-0.1284+0.0140i	17.2257-0.2573i	-21.6192+0.7831i	10.0275-0.4430i	-9.2236+0.3075i
2.9	-0.1291+0.0203i	-0.1469+0.0159i	-0.1228+0.0129i	-0.1302+0.0125i	17.2584-0.2282i	-21.9051+0.7406i	10.0658-0.4186i	-9.3791+0.2917i
3.0	-0.1341+0.0184i	-0.1508+0.0150i	-0.1259+0.0119i	-0.1333+0.0116i	17.3363-0.2268i	-22.1291+0.6888i	10.1312-0.4141i	-9.5007+0.2732i
3.1	-0.1379+0.0162i	-0.1536+0.0137i	-0.1283+0.0108i	-0.1353+0.0105i	17.4196-0.2201i	-22.3313+0.6571i	10.1958-0.4019i	-9.6170+0.2593i
3.2	-0.1418+0.0152i	-0.1562+0.0127i	-0.1304+0.0101i	-0.1374+0.0098i	17.4970-0.1790i	-22.5693+0.6763i	10.2595-0.3758i	-9.7497+0.2712i
3.3	-0.1423+0.0154i	-0.1568+0.0126i	-0.1307+0.0102i	-0.1379+0.0098i	17.5233-0.1733i	-22.6793+0.6536i	10.2853-0.3619i	-9.8130+0.2580i
3.4	-0.1434+0.0137i	-0.1579+0.0114i	-0.1315+0.0093i	-0.1388+0.0089i	17.5724-0.1694i	-22.8126+0.6509i	10.3199-0.3539i	-9.8888+0.2649i
3.5	-0.1457+0.0120i	-0.1600+0.0104i	-0.1332+0.0083i	-0.1403+0.0080i	17.6657-0.1683i	-22.9647+0.6497i	10.3883-0.3565i	-9.9759+0.2754i
3.6	-0.1481+0.0110i	-0.1620+0.0097i	-0.1348+0.0078i	-0.1419+0.0075i	17.7549-0.1556i	-23.0840+0.6335i	10.4587-0.3442i	-10.0404+0.2683i
3.7	-0.1498+0.0097i	-0.1634+0.0089i	-0.1359+0.0071i	-0.1431+0.0069i	17.8365-0.1456i	-23.2378+0.6271i	10.5248-0.3409i	-10.1308+0.2710i
3.8	-0.1518+0.0099i	-0.1652+0.0091i	-0.1372+0.0072i	-0.1445+0.0071i	17.9081-0.1372i	-23.3680+0.6275i	10.5780-0.3395i	-10.2023+0.2725i
3.9	-0.1539+0.0101i	-0.1670+0.0094i	-0.1386+0.0074i	-0.1460+0.0072i	17.9922-0.1462i	-23.5086+0.6169i	10.6451-0.3404i	-10.2813+0.2680i
4.0	-0.1551+0.0094i	-0.1681+0.0088i	-0.1394+0.0070i	-0.1468+0.0068i	18.0575-0.1528i	-23.6372+0.6152i	10.6856-0.3385i	-10.3495+0.2732i
4.1	-0.1550+0.0081i	-0.1685+0.0077i	-0.1396+0.0062i	-0.1471+0.0060i	18.1159-0.1147i	-23.7532+0.6070i	10.7214-0.3205i	-10.4144+0.2752i
4.2	-0.1574+0.0069i	-0.1707+0.0072i	-0.1413+0.0057i	-0.1488+0.0054i	18.2173-0.1104i	-23.9141+0.6223i	10.8064-0.3169i	-10.5033+0.2908i
4.3	-0.1592+0.0072i	-0.1724+0.0073i	-0.1425+0.0057i	-0.1501+0.0056i	18.2974-0.1249i	-24.0787+0.6313i	10.8780-0.3200i	-10.5963+0.2951i
4.4	-0.1601+0.0076i	-0.1736+0.0075i	-0.1433+0.0060i	-0.1510+0.0060i	18.3916-0.1287i	-24.2183+0.6499i	10.9508-0.3277i	-10.6789+0.3092i
4.5	-0.1616+0.0061i	-0.1749+0.0065i	-0.1444+0.0052i	-0.1522+0.0052i	18.4868-0.1164i	-24.3546+0.6602i	11.0104-0.3261i	-10.7550+0.3237i
4.6	-0.1641+0.0056i	-0.1770+0.0063i	-0.1461+0.0049i	-0.1539+0.0050i	18.5772-0.1188i	-24.4967+0.6495i	11.0779-0.3199i	-10.8284+0.3165i
4.7	-0.1657+0.0054i	-0.1789+0.0062i	-0.1473+0.0048i	-0.1553+0.0048i	18.6637-0.1239i	-24.6277+0.6408i	11.1463-0.3102i	-10.8996+0.3137i
4.8	-0.1683+0.0061i	-0.1813+0.0064i	-0.1490+0.0051i	-0.1572+0.0053i	18.7808-0.1645i	-24.8260+0.6594i	11.2337-0.3322i	-11.0096+0.3307i
4.9	-0.1699+0.0066i	-0.1830+0.0065i	-0.1504+0.0054i	-0.1585+0.0056i	18.9151-0.1554i	-25.0193+0.6709i	11.3372-0.3288i	-11.1207+0.3361i
5.0	-0.1718+0.0070i	-0.1853+0.0069i	-0.1520+0.0054i	-0.1600+0.0058i	19.0613-0.1388i	-25.2491+0.6929i	11.4517-0.3244i	-11.2559+0.3464i
5.1	-0.1735+0.0070i	-0.1868+0.0076i	-0.1532+0.0058i	-0.1613+0.0061i	19.1503-0.1448i	-25.4155+0.6924i	11.5193-0.3279i	-11.3483+0.3480i
5.2	-0.1750+0.0085i	-0.1885+0.0090i	-0.1542+0.0069i	-0.1628+0.0069i	19.3030-0.1885i	-25.6662+0.7469i	11.6233-0.3537i	-11.4906+0.3847i
5.3	-0.1761+0.0094i	-0.1901+0.0096i	-0.1553+0.0073i	-0.1640+0.0075i	19.4054-0.1726i	-25.8468+0.7843i	11.7011-0.3636i	-11.5931+0.4121i
5.4	-0.1769+0.0104i	-0.1917+0.0107i	-0.1562+0.0081i	-0.1651+0.0083i	19.5180-0.1949i	-26.0684+0.8249i	11.7939-0.3855i	-11.7217+0.4399i
5.5	-0.1765+0.0106i	-0.1917+0.0115i	-0.1562+0.0085i	-0.1651+0.0085i	19.5981-0.2314i	-26.2279+0.8790i	11.8601-0.4027i	-11.8170+0.4665i
5.6	-0.1770+0.0104i	-0.1933+0.0116i	-0.1570+0.0084i	-0.1661+0.0086i	19.7321-0.2051i	-26.4371+0.9090i	11.9698-0.3903i	-11.9387+0.4787i

5.7	-0.1762+0.0106i	-0.1938+0.0110i	-0.1569+0.0081i	-0.1666+0.0084i	19.8421-0.1787i	-26.7741+0.9114i	12.0814-0.3652i	-12.1368+0.4817i
5.8	-0.1762+0.0111i	-0.1944+0.0116i	-0.1574+0.0085i	-0.1671+0.0090i	19.9215-0.2126i	-26.9513+1.0073i	12.1352-0.3943i	-12.2348+0.5426i
5.9	-0.1763+0.0108i	-0.1951+0.0122i	-0.1577+0.0085i	-0.1677+0.0092i	20.0263-0.2231i	-27.1304+1.0995i	12.2264-0.4121i	-12.3382+0.6013i
6.0	-0.1769+0.0087i	-0.1973+0.0108i	-0.1588+0.0073i	-0.1692+0.0082i	20.1829-0.1988i	-27.3650+1.1129i	12.3636-0.3821i	-12.4846+0.6132i
6.1	-0.1792+0.0067i	-0.1992+0.0098i	-0.1600+0.0063i	-0.1712+0.0076i	20.3720-0.1944i	-27.6827+1.1785i	12.4863-0.4055i	-12.6622+0.6680i
6.2	-0.1803+0.0058i	-0.2012+0.0091i	-0.1609+0.0059i	-0.1727+0.0071i	20.4710-0.1610i	-27.9795+1.1544i	12.5909-0.3880i	-12.8328+0.6624i
6.3	-0.1809+0.0045i	-0.2045+0.0087i	-0.1624+0.0054i	-0.1745+0.0066i	20.6162-0.1745i	-28.2919+1.1668i	12.7023-0.3912i	-13.0156+0.6739i
6.4	-0.1818+0.0041i	-0.2062+0.0101i	-0.1631+0.0054i	-0.1762+0.0074i	20.7926-0.1884i	-28.7510+1.2615i	12.8463-0.4171i	-13.2915+0.7320i
6.5	-0.1826+0.0028i	-0.2085+0.0110i	-0.1641+0.0052i	-0.1781+0.0074i	20.9463-0.1405i	-29.0917+1.2855i	12.9691-0.3969i	-13.4913+0.7468i
6.6	-0.1834+0.0010i	-0.2114+0.0112i	-0.1648+0.0042i	-0.1803+0.0074i	21.0750-0.1075i	-29.6695+1.4841i	13.1405-0.3935i	-13.8359+0.8685i
6.7	-0.1845-0.0017i	-0.2136+0.0130i	-0.1651+0.0032i	-0.1825+0.0078i	21.2325-0.0490i	-30.2643+1.7300i	13.2758-0.3520i	-14.1946+1.0152i
6.8	-0.1864-0.0038i	-0.2171+0.0138i	-0.1656+0.0013i	-0.1862+0.0088i	21.3880+0.0383i	-31.0392+2.0971i	13.4192-0.3431i	-14.6589+1.2437i
6.9	-0.1874-0.0083i	-0.2199+0.0173i	-0.1659-0.0016i	-0.1897+0.0112i	21.4868+0.1483i	-31.8011+2.9360i	13.5691-0.3572i	-15.1215+1.7780i
7.0	-0.1888-0.0142i	-0.2205+0.0208i	-0.1659-0.0076i	-0.1918+0.0155i	21.5596+0.4148i	-32.4051+4.2498i	13.6693-0.2868i	-15.4828+2.5953i
7.1	-0.1999-0.0225i	-0.2161+0.0223i	-0.1743-0.0179i	-0.1884+0.0217i	22.0833+0.8205i	-31.2404+6.4816i	13.8717-0.2692i	-14.7314+4.0064i
7.2	-0.2175-0.0209i	-0.2144+0.0188i	-0.1911-0.0180i	-0.1826+0.0211i	22.8894+0.7999i	-28.8827+6.5203i	14.1769-0.3076i	-13.2260+4.0420i
7.3	-0.2259-0.0125i	-0.2177+0.0147i	-0.2003-0.0116i	-0.1823+0.0174i	23.4162+0.5622i	-28.2471+5.2984i	14.4496-0.3373i	-12.8014+3.2825i
7.4	-0.2271-0.0056i	-0.2196+0.0138i	-0.2034-0.0048i	-0.1819+0.0143i	23.7333+0.3269i	-27.9957+4.2556i	14.6264-0.3858i	-12.6261+2.6234i
7.5	-0.2249-0.0021i	-0.2246+0.0123i	-0.2044+0.0014i	-0.1836+0.0095i	23.9273+0.0203i	-28.6177+2.9848i	14.8306-0.4559i	-13.0056+1.8309i
7.6	-0.2248-0.0027i	-0.2310+0.0141i	-0.2043+0.0037i	-0.1887+0.0081i	24.0939-0.0674i	-29.8730+2.5955i	15.0549-0.4623i	-13.7619+1.5803i
7.7	-0.2260-0.0028i	-0.2352+0.0143i	-0.2050+0.0043i	-0.1921+0.0074i	24.2779-0.0207i	-30.7725+2.6536i	15.2416-0.4638i	-14.3010+1.6220i
7.8	-0.2303-0.0054i	-0.2378+0.0163i	-0.2073+0.0048i	-0.1958+0.0068i	24.7198-0.0224i	-31.8295+3.0765i	15.6318-0.5274i	-14.9571+1.8987i
7.9	-0.2327-0.0060i	-0.2399+0.0165i	-0.2098+0.0050i	-0.1974+0.0064i	24.9832-0.0854i	-32.1140+3.3064i	15.8405-0.5908i	-15.1153+2.0507i
8.0	-0.2374-0.0044i	-0.2427+0.0160i	-0.2128+0.0061i	-0.2005+0.0063i	25.1645-0.2294i	-32.4737+3.5831i	15.9884-0.7686i	-15.2975+2.2419i
8.1	-0.2428-0.0052i	-0.2468+0.0166i	-0.2162+0.0068i	-0.2044+0.0056i	25.3797-0.0961i	-32.9136+3.7589i	16.0981-0.6879i	-15.5061+2.3432i
8.2	-0.2468-0.0055i	-0.2502+0.0176i	-0.2197+0.0078i	-0.2072+0.0052i	25.8646-0.0581i	-33.6781+3.7897i	16.4794-0.6564i	-15.9700+2.3570i
8.3	-0.2527-0.0056i	-0.2539+0.0193i	-0.2235+0.0096i	-0.2112+0.0050i	26.3664-0.2971i	-34.7762+4.1030i	16.9467-0.8692i	-16.6513+2.5900i
8.4	-0.2572-0.0053i	-0.2570+0.0203i	-0.2264+0.0109i	-0.2141+0.0048i	26.4737-0.4515i	-35.3249+4.6699i	17.0285-1.0482i	-16.9398+2.9652i
8.5	-0.2622-0.0060i	-0.2616+0.0199i	-0.2309+0.0113i	-0.2177+0.0035i	26.7367-0.3924i	-36.2332+5.0571i	17.2647-1.0198i	-17.4708+3.2128i
8.6	-0.2693-0.0038i	-0.2656+0.0218i	-0.2350+0.0135i	-0.2215+0.0040i	27.0129-0.3126i	-37.1122+6.0291i	17.4950-1.0403i	-17.9648+3.8046i
8.7	-0.2750-0.0007i	-0.2691+0.0212i	-0.2396+0.0148i	-0.2240+0.0039i	27.3191-0.0985i	-37.7567+6.9692i	17.6793-0.9853i	-18.3269+4.3764i
8.8	-0.2809-0.0009i	-0.2742+0.0218i	-0.2450+0.0168i	-0.2277+0.0021i	27.6312+0.2349i	-38.7942+8.1030i	17.9760-0.8771i	-18.9359+5.0724i
8.9	-0.2909+0.0009i	-0.2808+0.0242i	-0.2514+0.0212i	-0.2342+0.0001i	28.2676+0.5474i	-39.9227+10.3554i	18.4649-0.8911i	-19.5811+6.4924i
9.0	-0.2970+0.0058i	-0.2845+0.0265i	-0.2545+0.0271i	-0.2401-0.0010i	29.0240+0.7972i	-39.3704+12.8222i	18.8795-0.9718i	-19.2054+8.0521i
9.1	-0.2989+0.0090i	-0.2900+0.0280i	-0.2565+0.0318i	-0.2454-0.0020i	29.9832+0.8926i	-37.7196+14.3716i	19.3099-1.0149i	-18.1401+9.0413i
9.2	-0.3067+0.0119i	-0.2967+0.0334i	-0.2614+0.0404i	-0.2534-0.0052i	30.8768+1.3571i	-37.6104+18.6764i	19.8724-1.1068i	-18.0102+11.7606i
9.3	-0.3159+0.0171i	-0.2968+0.0379i	-0.2563+0.0484i	-0.2681-0.0053i	32.6017+1.4847i	-31.4149+21.3438i	20.3891-1.2945i	-14.0081+13.4283i
9.4	-0.3194+0.0243i	-0.2980+0.0360i	-0.2492+0.0463i	-0.2811+0.0022i	34.3450+0.5764i	-24.5968+18.2309i	20.8301-1.5522i	-9.6278+11.4448i
9.5	-0.3223+0.0290i	-0.3059+0.0325i	-0.2508+0.0399i	-0.2885+0.0107i	35.3129-0.2918i	-23.1392+13.0495i	21.3021-1.6007i	-8.6395+8.1396i
9.6	-0.3238+0.0302i	-0.3158+0.0337i	-0.2566+0.0364i	-0.2921+0.0177i	35.9265-1.0660i	-24.3228+9.3619i	21.7964-1.7585i	-9.3338+5.7847i
9.7	-0.3273+0.0286i	-0.3262+0.0401i	-0.2634+0.0356i	-0.2970+0.0235i	36.7675-1.8661i	-25.7242+6.5576i	22.4861-1.9545i	-10.1831+3.9872i
9.8	-0.3372+0.0320i	-0.3341+0.0510i	-0.2728+0.0398i	-0.3017+0.0313i	37.5824-3.0406i	-27.8601+5.0123i	23.1987-2.5280i	-11.4798+2.9889i
9.9	-0.3466+0.0337i	-0.3370+0.0593i	-0.2796+0.0440i	-0.3054+0.0366i	38.2415-3.9804i	-29.3498+3.7618i	23.7397-3.0256i	-12.3905+2.2018i
10.0	-0.3592+0.0421i	-0.3313+0.0712i	-0.2831+0.0522i	-0.3072+0.0457i	38.3101-5.6434i	-31.3590+2.5854i	24.0081-3.9594i	-13.6011+1.4652i
10.1	-0.3650+0.0550i	-0.3213+0.0688i	-0.2805+0.0566i	-0.3042+0.0498i	37.2875-6.4834i	-33.8299+2.0433i	23.6273-4.4271i	-15.0664+1.1491i
10.2	-0.3633+0.0641i	-0.3190+0.0568i	-0.2787+0.0547i	-0.3023+0.0481i	36.5133-6.1742i	-35.7739+2.3161i	23.3663-4.2990i	-16.1898+1.3457i
10.3	-0.3628+0.0660i	-0.3279+0.0482i	-0.2826+0.0510i	-0.3058+0.0451i	36.7195-5.4249i	-36.8477+2.9345i	23.5864-3.9136i	-16.7594+1.7021i
10.4	-0.3643+0.0649i	-0.3407+0.0437i	-0.2884+0.0479i	-0.3116+0.0431i	37.3320-4.8896i	-37.5495+3.0358i	24.0092-3.5847i	-17.1102+1.7311i
10.5	-0.3689+0.0641i	-0.3519+0.0412i	-0.2948+0.0457i	-0.3183+0.0417i	38.2203-4.3362i	-38.6198+2.8988i	24.6437-3.2087i	-17.6973+1.6245i
10.6	-0.3762+0.0634i	-0.3667+0.0437i	-0.3048+0.0460i	-0.3281+0.0427i	39.5886-4.2826i	-40.0267+3.1361i	25.6563-3.2099i	-18.4741+1.7401i
10.7	-0.3852+0.0632i	-0.3808+0.0445i	-0.3147+0.0454i	-0.3379+0.0434i	40.9730-4.2163i	-41.3896+3.1859i	26.6424-3.1722i	-19.2206+1.7541i
10.8	-0.3922+0.0625i	-0.3919+0.0453i	-0.3230+0.0451i	-0.3456+0.0432i	42.0317-4.1225i	-42.4233+2.9596i	27.4105-3.0602i	-19.7856+1.5990i
10.9	-0.4019+0.0633i	-0.4041+0.0480i	-0.3327+0.0467i	-0.3549+0.0447i	43.3662-4.1577i	-43.6618+2.9162i	28.3632-3.0538i	-20.4469+1.5401i
11.0	-0.4160+0.0649i	-0.4196+0.0495i	-0.3457+0.0481i	-0.3675+0.0462i	45.1149-4.3527i	-45.4820+3.3706i	29.6292-3.2485i	-21.4329+1.8081i
11.1	-0.4334+0.0649i	-0.4389+0.0503i	-0.3609+0.0486i	-0.3836+0.0472i	47.1034-4.5415i	-47.5355+3.8818i	31.1603-3.4383i	-22.5638+2.1066i
11.2	-0.4483+0.0665i	-0.4560+0.0524i	-0.3739+0.0499i	-0.3972+0.0490i	48.8237-4.7368i	-49.2106+4.0396i	32.3990-3.6201i	-23.4686+2.1791i
11.3	-0.4663+0.0702i	-0.4757+0.0581i	-0.3895+0.0533i	-0.4130+0.0534i	50.8468-5.1382i	-50.4436+4.2140i	33.7438-3.8987i	-24.0476+2.2416i
11.4	-0.4843+0.0730i	-0.4949+0.0614i	-0.4054+0.0565i	-0.4289+0.0557i	52.8935-5.3935i	-51.9500+4.3896i	35.1933-4.0522i	-24.8081+2.3207i
11.5	-0.5060+0.0754i	-0.5189+0.0647i	-0.4244+0.0588i	-0.4483+0.0584i	55.4482-5.6440i	-53.9119+4.4926i	36.9742-4.1672i	-25.8146+2.3293i
11.6	-0.5292+0.0813i	-0.5455+0.0716i	-0.4454+0.0639i	-0.4690+0.0638i	58.1425-6.2660i	-55.7329+4.9874i	38.8414-4.5994i	-26.7170+2.5717i
11.7	-0.5551+0.0873i	-0.5746+0.0769i	-0.4684+0.0683i	-0.4918+0.0681i	61.1117-6.6996i	-58.3791+5.1442i	41.0206-4.8843i	-28.1153+2.6248i
11.8	-0.5863+0.0923i	-0.6102+0.0849i	-0.4962+0.0739i	-0.5200+0.0738i	64.7621-7.3151i	-60.9093+5.3072i	43.6327-5.2753i	-29.4070+2.6642i
11.9	-0.6215+0.1077i	-0.6477+0.1019i	-0.5264+0.0874i	-0.5507+0.0877i	68.8233-8.9189i	-63.8836+6.5398i	46.4837-6.4692i	-30.9193+3.3064i

12.0	-0.6589+0.1240i	-0.6887+0.1196i	-0.5586+0.1021i	-0.5843+0.1015i	73.1382-10.6377i	-66.6699+7.5995i	49.4952-7.6604i	-32.2627+3.8288i
12.1	-0.7019+0.1374i	-0.7354+0.1371i	-0.5953+0.1152i	-0.6222+0.1131i	78.0313-12.0898i	-69.7588+7.7062i	52.8722-8.6005i	-33.7788+3.7632i
12.2	-0.7554+0.1645i	-0.7915+0.1692i	-0.6405+0.1383i	-0.6687+0.1384i	84.0613-14.7011i	-74.2911+9.7824i	57.1143-10.4888i	-36.0595+4.8176i
12.3	-0.8183+0.1902i	-0.8596+0.2013i	-0.6937+0.1615i	-0.7248+0.1618i	91.2257-17.1886i	-78.6090+11.3889i	62.1104-12.2444i	-38.1075+5.6078i
12.4	-0.8732+0.2455i	-0.9192+0.2647i	-0.7408+0.2093i	-0.7748+0.2104i	97.8643-22.7511i	-81.5815+13.5745i	66.6124-15.9986i	-39.3210+6.4370i
12.5	-0.9239+0.3174i	-0.9667+0.3491i	-0.7818+0.2726i	-0.8180+0.2752i	104.1999-30.5235i	-85.7167+15.9140i	70.9102-21.2111i	-41.2994+7.1653i
12.6	-1.0043+0.3938i	-1.0448+0.4425i	-0.8491+0.3398i	-0.8881+0.3449i	114.4786-38.3022i	-91.6287+18.0012i	78.0767-26.3550i	-44.0908+7.6883i
12.7	-1.0491+0.4640i	-1.0831+0.5226i	-0.8856+0.3996i	-0.9267+0.4068i	120.6513-45.6431i	-95.8683+20.4658i	82.3771-31.2516i	-46.1473+8.5395i
12.8	-1.1227+0.6004i	-1.1358+0.6723i	-0.9431+0.5170i	-0.9890+0.5281i	131.8679-61.3230i	-104.6972+23.8174i	90.3602-41.5519i	-50.7073+9.1304i
12.9	-1.1568+0.7164i	-1.1568+0.7869i	-0.9704+0.6147i	-1.0184+0.6285i	138.0658-75.3670i	-111.1533+29.2881i	94.9023-50.9522i	-54.2064+11.1785i
13.0	-1.2514+0.9155i	-1.2297+0.9796i	-1.0452+0.7805i	-1.0990+0.8017i	152.3116-100.3595i	-121.7102+38.4348i	104.8547-67.5845i	-59.4907+14.5119i
13.1	-1.3074+1.0940i	-1.2772+1.1507i	-1.0913+0.9281i	-1.1471+0.9562i	160.9961-123.4214i	-127.4339+43.6130i	111.0356-82.7401i	-62.2849+15.4340i
13.2	-1.3633+1.4447i	-1.3274+1.4909i	-1.1385+1.2217i	-1.1972+1.2622i	170.3313-168.9584i	-138.3152+57.1196i	117.9694-112.9625i	-68.2875+19.4108i
13.3	-1.3499+1.9209i	-1.3066+1.9564i	-1.1254+1.6219i	-1.1850+1.6781i	170.3292-231.0900i	-150.8390+71.8899i	119.0114-154.0960i	-76.3225+22.5805i
13.4	-0.8437+2.4827i	-0.8003+2.5007i	-0.7006+2.0921i	-0.7422+2.1698i	105.8761-307.7695i	-155.7622+94.8625i	78.3216-205.0889i	-86.1549+29.3775i
13.5	-0.1476+2.6684i	-0.1118+2.6746i	-0.1148+2.2489i	-0.1351+2.3321i	12.3003-335.0996i	-161.8537+115.8173i	19.2703-224.5052i	-99.8010+40.0857i
13.6	0.7176+2.4957i	0.7401+2.4941i	0.6149+2.1015i	0.6188+2.1818i	-105.5195-311.9529i	-160.7349+156.4614i	-55.6362-213.5391i	-111.3118+68.6538i
13.7	1.2227+1.9921i	1.2310+1.9936i	1.0380+1.6761i	1.0591+1.7415i	-177.2355-241.0702i	-164.3515+199.3970i	-100.9665-172.4602i	-121.1579+103.6483i
13.8	1.3223+1.5639i	1.3197+1.5728i	1.1188+1.3161i	1.1425+1.3678i	-192.5611-179.1284i	-162.1720+233.4848i	-111.1716-136.3217i	-121.4548+132.1527i
13.9	1.3132+1.1897i	1.3067+1.2122i	1.1106+1.0046i	1.1324+1.0442i	-190.2097-120.7336i	-139.1242+291.0978i	-111.9924-104.4953i	-106.3294+175.5583i
14.0	1.2187+0.8956i	1.2238+0.9317i	1.0349+0.7594i	1.0542+0.7931i	-168.2188-74.3560i	-59.8308+333.7285i	-105.4926-78.6428i	-52.7790+207.9017i
14.1	1.1358+0.7070i	1.1576+0.7508i	0.9710+0.6006i	0.9860+0.6306i	-146.6296-46.3247i	22.5450+346.8625i	-99.5344-61.7362i	2.6793+219.3414i
14.2	1.0593+0.5516i	1.0982+0.5891i	0.9132+0.4643i	0.9241+0.4957i	-125.2881-28.5372i	105.6212+315.9811i	-93.7241-47.3186i	58.6892+201.2041i
14.3	0.9822+0.4156i	1.0277+0.4389i	0.8467+0.3424i	0.8605+0.3749i	-106.3171-18.9330i	161.5981+248.1609i	-86.6946-34.8409i	96.8104+158.3004i
14.4	0.8955+0.3073i	0.9398+0.3148i	0.7687+0.2447i	0.7866+0.2754i	-91.2844-13.3548i	178.7373+182.7253i	-78.6071-25.1524i	109.3982+116.5807i
14.5	0.7948+0.2283i	0.8339+0.2257i	0.6775+0.1761i	0.6996+0.2022i	-77.6682-11.6228i	173.7702+121.1215i	-69.2598-18.3107i	107.5557+76.9863i
14.6	0.7328+0.2005i	0.7664+0.1939i	0.6207+0.1518i	0.6440+0.1764i	-70.0991-11.1249i	164.0310+99.2134i	-63.4926-16.0306i	102.0801+62.8972i
14.7	0.6683+0.1703i	0.6963+0.1622i	0.5618+0.1285i	0.5873+0.1498i	-62.8334-11.5801i	150.3989+75.9772i	-57.5393-14.1988i	94.0036+47.8459i
14.8	0.6139+0.1502i	0.6394+0.1413i	0.5144+0.1154i	0.5401+0.1305i	-58.0533-12.7935i	136.6944+57.5827i	-53.1325-13.2907i	85.6474+35.8087i
14.9	0.5729+0.1397i	0.5948+0.1268i	0.4814+0.1079i	0.5028+0.1184i	-56.2364-13.3570i	120.5377+46.4871i	-50.5314-12.6733i	75.3832+28.5702i
15.0	0.5495+0.1225i	0.5611+0.1088i	0.4596+0.0938i	0.4784+0.1023i	-54.7174-11.8625i	112.9418+39.5582i	-48.8441-11.0452i	70.6393+24.2448i
15.1	0.5163+0.0997i	0.5261+0.0934i	0.4318+0.0769i	0.4481+0.0846i	-51.6573-9.3947i	105.1254+32.9683i	-46.1753-8.8315i	65.9413+20.2604i
15.2	0.4763+0.0846i	0.4893+0.0794i	0.3996+0.0643i	0.4139+0.0713i	-48.1449-7.7065i	93.7777+27.8786i	-42.8359-7.3431i	58.9539+17.1767i
15.3	0.4495+0.0756i	0.4623+0.0702i	0.3767+0.0572i	0.3901+0.0633i	-45.3692-6.9450i	87.5049+24.2475i	-40.4791-6.5341i	55.1989+14.9029i
15.4	0.4218+0.0651i	0.4343+0.0601i	0.3534+0.0487i	0.3652+0.0543i	-42.4331-6.0505i	81.5520+20.7145i	-38.0530-5.6348i	51.6691+12.7130i
15.5	0.3984+0.0558i	0.4102+0.0509i	0.3337+0.0412i	0.3441+0.0464i	-39.9600-5.2069i	76.3140+17.8561i	-35.9824-4.8334i	48.5392+10.9461i
15.6	0.3766+0.0519i	0.3878+0.0470i	0.3149+0.0383i	0.3243+0.0432i	-37.4390-4.9355i	71.8819+16.4813i	-33.9556-4.5509i	45.9325+10.1004i
15.7	0.3608+0.0488i	0.3718+0.0442i	0.3013+0.0359i	0.3101+0.0409i	-35.6188-4.7864i	68.6761+15.3393i	-32.4758-4.3490i	44.0518+9.3735i
15.8	0.3373+0.0425i	0.3468+0.0376i	0.2812+0.0309i	0.2885+0.0360i	-33.2633-4.6129i	62.9679+12.8146i	-30.4480-4.0010i	40.6216+7.7553i
15.9	0.3193+0.0380i	0.3281+0.0324i	0.2658+0.0272i	0.2722+0.0323i	-31.2750-4.4756i	58.8712+11.5944i	-28.8097-3.8664i	38.1839+6.9976i
16.0	0.3075+0.0368i	0.3165+0.0315i	0.2556+0.0266i	0.2621+0.0321i	-29.8737-4.6483i	56.5658+11.1772i	-27.7158-3.9473i	36.8419+6.6981i
16.1	0.2911+0.0337i	0.2998+0.0289i	0.2414+0.0248i	0.2478+0.0306i	-28.0833-4.9146i	53.2609+10.2751i	-26.2413-4.0470i	34.8853+6.0914i
16.2	0.2782+0.0296i	0.2861+0.0260i	0.2302+0.0225i	0.2364+0.0283i	-26.6673-5.2516i	50.9673+9.1053i	-25.1333-4.1631i	33.5630+5.2992i
16.3	0.2663+0.0274i	0.2741+0.0242i	0.2206+0.0218i	0.2262+0.0273i	-25.6776-5.7436i	48.5341+8.6179i	-24.2966-4.4532i	32.1068+4.9269i
16.4	0.2567+0.0245i	0.2641+0.0212i	0.2128+0.0199i	0.2181+0.0255i	-25.0142-6.1354i	46.4657+7.8434i	-23.6944-4.6491i	30.8432+4.3930i
16.5	0.2459+0.0237i	0.2531+0.0195i	0.2042+0.0192i	0.2097+0.0252i	-24.7059-6.5119i	44.1042+7.6291i	-23.2722-4.8900i	29.3282+4.2274i
16.6	0.2350+0.0211i	0.2420+0.0170i	0.1960+0.0175i	0.2017+0.0234i	-24.6953-6.5865i	42.1042+7.0547i	-23.1100-4.8856i	28.0540+3.8412i
16.7	0.2258+0.0189i	0.2325+0.0148i	0.1887+0.0160i	0.1949+0.0208i	-24.6161-6.1531i	40.5044+6.4820i	-22.9440-4.5536i	27.0426+3.5218i
16.8	0.2175+0.0168i	0.2239+0.0133i	0.1822+0.0143i	0.1878+0.0178i	-24.3158-5.2743i	38.7269+5.9405i	-22.5793-3.9590i	25.9227+3.2592i
16.9	0.2116+0.0155i	0.2172+0.0118i	0.1769+0.0129i	0.1813+0.0165i	-23.2248-4.8097i	37.4501+5.8989i	-21.7599-3.6727i	25.2153+3.2793i
17.0	0.2027+0.0141i	0.2085+0.0110i	0.1699+0.0120i	0.1737+0.0163i	-22.4467-4.8930i	35.9360+6.0147i	-21.1482-3.7329i	24.3213+3.3579i
17.1	0.1947+0.0124i	0.2001+0.0093i	0.1635+0.0102i	0.1676+0.0146i	-22.1426-4.3949i	34.8326+5.7562i	-20.8934-3.3511i	23.6549+3.2570i
17.2	0.1886+0.0109i	0.1932+0.0072i	0.1578+0.0081i	0.1624+0.0118i	-21.6807-3.3843i	33.3930+4.8251i	-20.4580-2.6166i	22.7758+2.7470i
17.3	0.1833+0.0083i	0.1873+0.0052i	0.1521+0.0068i	0.1564+0.0100i	-20.4736-3.2713i	31.8097+4.8691i	-19.5106-2.6096i	21.8756+2.8033i
17.4	0.1752+0.0052i	0.1792+0.0023i	0.1454+0.0048i	0.1492+0.0080i	-19.4940-3.3444i	30.5554+5.0498i	-18.7606-2.6554i	21.1803+2.9273i
17.5	0.1686+0.0013i	0.1732-0.0011i	0.1404+0.0024i	0.1439+0.0058i	-18.8262-3.4471i	29.7628+4.8850i	-18.2668-2.6832i	20.7309+2.8148i
17.6	0.1640-0.0020i	0.1686-0.0043i	0.1368+0.0004i	0.1400+0.0037i	-18.3481-3.6441i	29.4504+4.5862i	-17.9708-2.7780i	20.5970+2.6063i
17.7	0.1553-0.0053i	0.1599-0.0070i	0.1300-0.0014i	0.1328+0.0015i	-17.7888-3.7950i	28.4611+4.3012i	-17.5316-2.8671i	20.0474+2.3963i
17.8	0.1458-0.0088i	0.1510-0.0101i	0.1229-0.0034i	0.1260-0.0005i	-17.6352-4.0345i	27.3916+4.0268i	-17.3302-3.0234i	19.3633+2.1867i
17.9	0.1369-0.0105i	0.1426-0.0114i	0.1174-0.0044i	0.1198-0.0015i	-17.7972-3.9357i	26.9233+3.7441i	-17.4024-2.9567i	19.0560+2.0134i
18.0	0.1276-0.0078i	0.1338-0.0096i	0.1112-0.0034i	0.1133-0.0004i	-17.6149-3.6000i	25.9486+3.5528i	-17.2447-2.7016i	18.4413+1.9257i
18.1	0.1214-0.0041i	0.1274-0.0069i	0.1063-0.0019i	0.1078+0.0017i	-17.1352-3.2817i	25.0526+3.5067i	-16.8521-2.4654i	17.9302+1.9247i
18.2	0.1164-0.0039i	0.1226-0.0065i	0.1024-0.0020i	0.1039+0.0018i	-16.7968-3.0288i	24.5006+3.3621i	-16.5904-2.2926i	17.6119+1.8589i

18.3	0.1109-0.0036i	0.1175-0.0071i	0.0983-0.0023i	0.0997+0.0013i	-16.3880-2.8306i	23.9882+3.1182i	-16.2981-2.1401i	17.3353+1.7312i
18.4	0.1060-0.0035i	0.1127-0.0077i	0.0942-0.0031i	0.0957+0.0007i	-15.9952-2.4907i	23.3887+2.5990i	-15.9985-1.8843i	16.9921+1.4095i
18.5	0.1038-0.0028i	0.1098-0.0064i	0.0915-0.0026i	0.0934+0.0015i	-15.5754-2.4661i	22.9907+2.5908i	-15.7241-1.8757i	16.7925+1.4056i
18.6	0.0996-0.0033i	0.1049-0.0066i	0.0879-0.0023i	0.0899+0.0010i	-15.2957-2.5613i	22.3946+2.6323i	-15.4672-1.9443i	16.4481+1.4246i
18.7	0.0928-0.0023i	0.0985-0.0065i	0.0833-0.0018i	0.0848+0.0009i	-15.1757-2.3959i	21.4812+2.3441i	-15.2965-1.7997i	15.8712+1.2424i
18.8	0.0880-0.0008i	0.0936-0.0047i	0.0798-0.0011i	0.0805+0.0020i	-14.8561-2.1680i	20.9467+2.4590i	-15.0749-1.6473i	15.5577+1.3638i
18.9	0.0843-0.0016i	0.0890-0.0049i	0.0761-0.0019i	0.0773+0.0016i	-14.5452-1.9042i	20.2853+2.2572i	-14.8342-1.4543i	15.1547+1.2525i
19.0	0.0802-0.0014i	0.0853-0.0049i	0.0727-0.0022i	0.0741+0.0015i	-14.2578-1.6027i	19.8880+1.9584i	-14.6106-1.2300i	14.9492+1.0824i
19.1	0.0773-0.0008i	0.0822-0.0049i	0.0703-0.0024i	0.0715+0.0015i	-13.9030-1.4411i	19.5659+1.6537i	-14.3661-1.0953i	14.7922+0.8923i
19.2	0.0733-0.0001i	0.0771-0.0040i	0.0664-0.0020i	0.0678+0.0018i	-13.4451-1.3085i	18.7298+1.8481i	-14.0096-1.0064i	14.2968+1.0654i
19.3	0.0697+0.0013i	0.0734-0.0032i	0.0631-0.0016i	0.0648+0.0025i	-13.0786-1.1850i	18.0518+1.8322i	-13.7259-0.9363i	13.8955+1.0601i
19.4	0.0662+0.0018i	0.0698-0.0036i	0.0603-0.0012i	0.0617+0.0026i	-12.7387-1.1708i	17.5519+1.7469i	-13.4452-0.9031i	13.6161+1.0096i
19.5	0.0645+0.0003i	0.0674-0.0050i	0.0583-0.0026i	0.0597+0.0018i	-12.4205-1.0744i	17.3837+1.6414i	-13.2512-0.8134i	13.5611+0.9417i
19.6	0.0618-0.0000i	0.0641-0.0045i	0.0558-0.0031i	0.0575+0.0019i	-12.1255-1.0614i	16.9572+1.4826i	-13.0241-0.7720i	13.3209+0.8294i
19.7	0.0594+0.0003i	0.0614-0.0046i	0.0538-0.0030i	0.0556+0.0020i	-11.9144-1.0402i	16.6462+1.4134i	-12.8413-0.7720i	13.1604+0.7867i
19.8	0.0555+0.0011i	0.0570-0.0040i	0.0499-0.0017i	0.0524+0.0023i	-11.6044-1.0929i	16.1982+1.5547i	-12.6172-0.8054i	12.8994+0.8861i
19.9	0.0521+0.0016i	0.0540-0.0034i	0.0477-0.0014i	0.0499+0.0024i	-11.4589-1.0203i	15.8733+1.5996i	-12.4756-0.7915i	12.7174+0.9249i
20.0	0.0481+0.0015i	0.0494-0.0033i	0.0445-0.0015i	0.0469+0.0021i	-11.2607-0.9103i	15.6490+1.3510i	-12.3545-0.7027i	12.6101+0.7609i
20.1	0.0440+0.0006i	0.0450-0.0041i	0.0411-0.0022i	0.0439+0.0012i	-11.0091-0.8343i	15.1746+1.1486i	-12.1738-0.6336i	12.3247+0.6353i
20.2	0.0414+0.0009i	0.0425-0.0037i	0.0394-0.0018i	0.0419+0.0013i	-10.7876-0.7639i	15.0416+1.0921i	-12.0286-0.5697i	12.2931+0.6128i
20.3	0.0395+0.0023i	0.0405-0.0032i	0.0379-0.0010i	0.0399+0.0018i	-10.5755-0.7832i	14.7693+1.0914i	-11.8579-0.5700i	12.1469+0.6092i
20.4	0.0350+0.0037i	0.0356-0.0016i	0.0341-0.0000i	0.0366+0.0025i	-10.2677-0.7870i	14.2756+1.1073i	-11.6209-0.5907i	11.8594+0.6233i
20.5	0.0341+0.0055i	0.0340+0.0003i	0.0329+0.0015i	0.0352+0.0037i	-10.1327-0.7131i	14.2219+1.1782i	-11.5494-0.5797i	11.8586+0.6715i
20.6	0.0286+0.0055i	0.0282+0.0003i	0.0286+0.0015i	0.0311+0.0032i	-9.9010-0.6473i	13.8159+1.0331i	-11.3964-0.4734i	11.6250+0.5982i
20.7	0.0253+0.0061i	0.0248+0.0014i	0.0261+0.0018i	0.0282+0.0040i	-9.6459-0.5459i	13.3682+0.7840i	-11.2076-0.3991i	11.3661+0.4221i
20.8	0.0232+0.0066i	0.0220+0.0031i	0.0240+0.0030i	0.0263+0.0048i	-9.5621-0.4927i	13.1488+0.8404i	-11.1161-0.3947i	11.2568+0.4571i
20.9	0.0208+0.0097i	0.0189+0.0059i	0.0218+0.0047i	0.0243+0.0069i	-9.4419-0.5578i	12.7487+0.9131i	-10.9827-0.4205i	11.0043+0.4906i
21.0	0.0164+0.0103i	0.0150+0.0062i	0.0192+0.0051i	0.0209+0.0067i	-9.2669-0.4758i	12.5365+0.7639i	-10.8520-0.3560i	10.9002+0.4202i
21.1	0.0132+0.0112i	0.0111+0.0073i	0.0168+0.0058i	0.0181+0.0071i	-9.1171-0.4334i	12.3390+0.7514i	-10.7744-0.3098i	10.7833+0.4335i
21.2	0.0120+0.0167i	0.0096+0.0148i	0.0154+0.0099i	0.0166+0.0114i	-8.8741-0.3539i	12.0101+0.8017i	-10.6282-0.2570i	10.5904+0.4646i
21.3	0.0146+0.0182i	0.0133+0.0165i	0.0173+0.0112i	0.0184+0.0125i	-8.6813-0.3535i	11.9567+0.9245i	-10.4969-0.2944i	10.6016+0.5487i
21.4	0.0120+0.0179i	0.0102+0.0156i	0.0150+0.0103i	0.0163+0.0117i	-8.5739-0.2633i	11.7169+0.5618i	-10.4107-0.1943i	10.4809+0.3088i
21.5	0.0083+0.0193i	0.0061+0.0171i	0.0122+0.0109i	0.0136+0.0125i	-8.4482-0.1713i	11.4540+0.4878i	-10.2880-0.1145i	10.3270+0.2640i
21.6	0.0052+0.0216i	0.0033+0.0197i	0.0099+0.0124i	0.0111+0.0139i	-8.2731-0.0679i	11.1851+0.2248i	-10.1496-0.0156i	10.1771+0.0923i
21.7	0.0056+0.0221i	0.0034+0.0214i	0.0096+0.0133i	0.0108+0.0151i	-8.0586-0.1514i	10.9832+0.4435i	-10.0483-0.0878i	10.0786+0.2336i
21.8	0.0069+0.0213i	0.0054+0.0208i	0.0101+0.0131i	0.0115+0.0144i	-7.9081-0.1439i	10.6541+0.3905i	-9.9053-0.0776i	9.8750+0.1967i
21.9	0.0055+0.0251i	0.0047+0.0245i	0.0091+0.0157i	0.0103+0.0162i	-7.7125-0.0678i	10.1621+0.2830i	-9.7056-0.0104i	9.5814+0.1303i
22.0	0.0028+0.0235i	0.0022+0.0232i	0.0076+0.0148i	0.0085+0.0153i	-7.5802-0.0469i	10.1167+0.1757i	-9.6626+0.0299i	9.5870+0.0545i
22.1	0.0007+0.0229i	0.0004+0.0238i	0.0061+0.0147i	0.0062+0.0153i	-7.3874-0.0113i	9.8598-0.0024i	-9.5386+0.0890i	9.4625-0.0648i
22.2	0.0016+0.0266i	0.0012+0.0276i	0.0059+0.0173i	0.0064+0.0180i	-7.2086-0.0063i	9.6845+0.3675i	-9.4057+0.0159i	9.3819+0.1985i
22.3	-0.0004+0.0270i	-0.0002+0.0278i	0.0047+0.0176i	0.0050+0.0183i	-7.1265+0.0204i	9.5783+0.4806i	-9.3592-0.0088i	9.3383+0.2828i
22.4	-0.0057+0.0243i	-0.0044+0.0240i	0.0017+0.0154i	0.0018+0.0159i	-7.0802+0.0107i	9.4952+0.1038i	-9.3315+0.0772i	9.3008-0.0087i
22.5	-0.0064+0.0257i	-0.0054+0.0254i	0.0008+0.0159i	0.0011+0.0169i	-6.9681+0.0941i	9.2167+0.0946i	-9.2255+0.0947i	9.1270-0.0060i
22.6	-0.0090+0.0301i	-0.0073+0.0293i	-0.0009+0.0186i	-0.0007+0.0194i	-6.8930+0.0993i	9.0928+0.2238i	-9.1597+0.1063i	9.1013+0.0997i
22.7	-0.0112+0.0290i	-0.0098+0.0271i	-0.0028+0.0179i	-0.0025+0.0179i	-6.7492+0.1260i	9.0214+0.2764i	-9.1083+0.0966i	9.0793+0.1686i
22.8	-0.0148+0.0305i	-0.0125+0.0279i	-0.0050+0.0186i	-0.0051+0.0189i	-6.6650+0.1200i	8.7896+0.2058i	-9.0118+0.1374i	8.9462+0.1099i
22.9	-0.0168+0.0317i	-0.0144+0.0290i	-0.0062+0.0197i	-0.0066+0.0194i	-6.5730+0.0451i	8.7990+0.2444i	-8.9478+0.1119i	8.9851+0.1233i
23.0	-0.0194+0.0376i	-0.0176+0.0342i	-0.0080+0.0231i	-0.0084+0.0225i	-6.4629+0.0442i	8.6214+0.3076i	-8.8913+0.1314i	8.8769+0.1787i
23.1	-0.0218+0.0457i	-0.0208+0.0406i	-0.0104+0.0276i	-0.0104+0.0274i	-6.3564+0.2788i	8.3924+0.1604i	-8.8319+0.2556i	8.7549+0.0887i
23.2	-0.0215+0.0525i	-0.0209+0.0459i	-0.0107+0.0310i	-0.0112+0.0313i	-6.2796+0.4078i	8.2151+0.0140i	-8.7591+0.3329i	8.6592-0.0287i
23.3	-0.0166+0.0572i	-0.0168+0.0501i	-0.0078+0.0341i	-0.0082+0.0342i	-6.1204+0.3978i	8.1799+0.1328i	-8.6596+0.3293i	8.6674+0.0810i
23.4	-0.0093+0.0599i	-0.0104+0.0526i	-0.0041+0.0356i	-0.0045+0.0353i	-5.8464+0.3940i	7.6061-0.0904i	-8.3897+0.3729i	8.2914-0.0686i
23.5	-0.0008+0.0602i	-0.0041+0.0545i	-0.0001+0.0372i	-0.0004+0.0361i	-5.5750+0.3711i	7.3503+0.0532i	-8.2229+0.3252i	8.1697+0.0142i
23.6	0.0080+0.0577i	0.0025+0.0523i	0.0051+0.0359i	0.0038+0.0348i	-5.5516+0.3112i	7.5929+0.1599i	-8.2562+0.2581i	8.3867+0.0929i
23.7	0.0133+0.0504i	0.0074+0.0460i	0.0089+0.0315i	0.0068+0.0304i	-5.5198+0.2156i	7.5106+0.2125i	-8.1965+0.1487i	8.3578+0.1113i
23.8	0.0130+0.0450i	0.0079+0.0420i	0.0085+0.0284i	0.0065+0.0277i	-5.4211+0.2056i	7.2452+0.1597i	-8.0940+0.1432i	8.1981+0.0577i
23.9	0.0114+0.0381i	0.0067+0.0360i	0.0073+0.0242i	0.0048+0.0239i	-5.3173+0.2058i	7.1180+0.1453i	-8.0527+0.1413i	8.1166+0.0495i
24.0	0.0073+0.0320i	0.0030+0.0302i	0.0043+0.0206i	0.0018+0.0203i	-5.2904+0.2153i	6.9184+0.0632i	-8.0319+0.1434i	8.0126-0.0289i
24.1	0.0046+0.0299i	0.0006+0.0291i	0.0017+0.0194i	0.0003+0.0193i	-5.1927+0.1332i	6.6130-0.0078i	-7.9376+0.1363i	7.8258-0.0840i
24.2	0.0010+0.0261i	-0.0023+0.0252i	-0.0010+0.0169i	-0.0024+0.0171i	-5.1453+0.1731i	6.4897+0.0536i	-7.9054+0.0997i	7.7588-0.0397i
24.3	-0.0021+0.0246i	-0.0064+0.0229i	-0.0032+0.0160i	-0.0051+0.0160i	-5.1014+0.1740i	6.3105+0.1189i	-7.8781+0.0633i	7.6655+0.0004i
24.4	-0.0072+0.0254i	-0.0112+0.0227i	-0.0067+0.0161i	-0.0080+0.0163i	-5.1180+0.1556i	6.3182+0.1585i	-7.9472+0.0609i	7.6944+0.0231i
24.5	-0.0121+0.0239i	-0.0153+0.0215i	-0.0093+0.0153i	-0.0115+0.0155i	-5.0561+0.1526i	6.3580+0.0533i	-7.9395+0.1440i	7.7690-0.0672i

24.6	-0.0139+0.0238i	-0.0181+0.0222i	-0.0106+0.0156i	-0.0132+0.0157i	-5.0488+0.1965i	6.3308-0.0029i	-7.9706+0.1801i	7.7703-0.1027i
24.7	-0.0191+0.0256i	-0.0237+0.0238i	-0.0140+0.0168i	-0.0170+0.0168i	-4.8794+0.2434i	6.1382+0.1314i	-7.9111+0.1393i	7.6606+0.0070i
24.8	-0.0246+0.0258i	-0.0289+0.0234i	-0.0178+0.0168i	-0.0212+0.0168i	-4.8345+0.3095i	6.0289+0.1286i	-7.8575+0.1817i	7.6246+0.0274i
24.9	-0.0288+0.0246i	-0.0328+0.0230i	-0.0213+0.0163i	-0.0242+0.0160i	-4.8257+0.4085i	5.7443+0.0165i	-7.8135+0.2605i	7.4375-0.0389i
25.0	-0.0308+0.0243i	-0.0357+0.0232i	-0.0236+0.0163i	-0.0257+0.0163i	-4.8122+0.3649i	5.6746+0.0365i	-7.8533+0.2395i	7.3962-0.0370i
25.1	-0.0331+0.0256i	-0.0385+0.0241i	-0.0249+0.0177i	-0.0274+0.0172i	-4.7446+0.3757i	5.6812+0.0400i	-7.8333+0.2485i	7.4188-0.0380i
25.2	-0.0366+0.0269i	-0.0422+0.0247i	-0.0269+0.0181i	-0.0301+0.0175i	-4.7600+0.4643i	5.6194-0.1182i	-7.8502+0.3390i	7.4235-0.1623i
25.3	-0.0424+0.0291i	-0.0478+0.0276i	-0.0312+0.0199i	-0.0342+0.0189i	-4.6817+0.5461i	5.4171-0.0470i	-7.8373+0.3871i	7.3141-0.1049i
25.4	-0.0463+0.0311i	-0.0515+0.0299i	-0.0342+0.0215i	-0.0367+0.0203i	-4.5473+0.5883i	5.1353-0.0732i	-7.7576+0.4257i	7.1301-0.1298i
25.5	-0.0492+0.0325i	-0.0554+0.0321i	-0.0363+0.0228i	-0.0396+0.0218i	-4.5978+0.5688i	5.1324-0.1033i	-7.7784+0.4654i	7.1518-0.1474i
25.6	-0.0509+0.0351i	-0.0581+0.0357i	-0.0378+0.0250i	-0.0415+0.0245i	-4.5421+0.6459i	5.1836-0.0567i	-7.7690+0.5091i	7.2261-0.0944i
25.7	-0.0553+0.0371i	-0.0617+0.0370i	-0.0408+0.0257i	-0.0438+0.0258i	-4.5552+0.7092i	5.0522-0.1936i	-7.7573+0.5795i	7.1571-0.1872i
25.8	-0.0613+0.0383i	-0.0668+0.0384i	-0.0445+0.0269i	-0.0479+0.0268i	-4.5481+0.7938i	4.9145-0.2482i	-7.7822+0.6414i	7.0847-0.2265i
25.9	-0.0650+0.0412i	-0.0718+0.0418i	-0.0479+0.0292i	-0.0510+0.0286i	-4.5062+0.8205i	4.9464-0.1040i	-7.8176+0.6653i	7.1561-0.1111i
26.0	-0.0691+0.0448i	-0.0761+0.0464i	-0.0511+0.0315i	-0.0542+0.0315i	-4.3879+0.9017i	4.6745-0.0449i	-7.7745+0.7405i	6.9937-0.0608i
26.1	-0.0718+0.0496i	-0.0784+0.0534i	-0.0529+0.0359i	-0.0562+0.0356i	-4.3723+1.0775i	4.5619-0.1806i	-7.7475+0.8604i	6.9234-0.1575i
26.2	-0.0752+0.0566i	-0.0814+0.0609i	-0.0551+0.0413i	-0.0584+0.0406i	-4.3861+1.1393i	4.4797-0.1752i	-7.7104+0.9493i	6.8980-0.1638i
26.3	-0.0794+0.0629i	-0.0861+0.0667i	-0.0583+0.0453i	-0.0618+0.0449i	-4.3792+1.2444i	4.4611-0.0466i	-7.7565+1.0283i	6.9376-0.0403i
26.4	-0.0843+0.0697i	-0.0901+0.0746i	-0.0621+0.0505i	-0.0648+0.0503i	-4.3399+1.4572i	4.3381-0.1780i	-7.7664+1.1873i	6.8663-0.1265i
26.5	-0.0861+0.0757i	-0.0912+0.0815i	-0.0632+0.0551i	-0.0655+0.0543i	-4.1938+1.5739i	4.1464-0.3605i	-7.6733+1.3328i	6.7421-0.2523i
26.6	-0.0892+0.0819i	-0.0938+0.0880i	-0.0653+0.0592i	-0.0675+0.0587i	-4.1678+1.7020i	3.9829-0.5742i	-7.6287+1.4998i	6.6660-0.4060i
26.7	-0.0905+0.0881i	-0.0935+0.0952i	-0.0659+0.0645i	-0.0684+0.0633i	-4.0516+1.7321i	3.8497-0.5145i	-7.5253+1.5806i	6.6034-0.3598i
26.8	-0.0881+0.0953i	-0.0920+0.1023i	-0.0642+0.0697i	-0.0671+0.0679i	-3.9669+1.8530i	3.7452-0.4086i	-7.4599+1.6592i	6.5460-0.2790i
26.9	-0.0903+0.1054i	-0.0932+0.1141i	-0.0654+0.0769i	-0.0681+0.0750i	-3.9067+2.1232i	3.6210-0.5726i	-7.4177+1.8654i	6.4818-0.4126i
27.0	-0.0916+0.1188i	-0.0938+0.1277i	-0.0657+0.0869i	-0.0688+0.0840i	-3.8718+2.4273i	3.6809-0.5075i	-7.4132+2.0109i	6.6131-0.3341i
27.1	-0.0863+0.1328i	-0.0885+0.1400i	-0.0618+0.0963i	-0.0655+0.0931i	-3.6919+2.5479i	3.7929-0.4272i	-7.3107+2.1441i	6.7594-0.2226i
27.2	-0.0798+0.1480i	-0.0789+0.1559i	-0.0566+0.1076i	-0.0604+0.1036i	-3.3231+2.7783i	3.4269-0.5151i	-7.0371+2.4133i	6.5329-0.2970i
27.3	-0.0665+0.1600i	-0.0636+0.1683i	-0.0465+0.1165i	-0.0505+0.1113i	-2.8582+3.1138i	3.1864-0.5597i	-6.7316+2.6229i	6.4498-0.3131i
27.4	-0.0508+0.1660i	-0.0467+0.1734i	-0.0351+0.1204i	-0.0397+0.1147i	-2.4531+3.1600i	3.0734-0.5706i	-6.4212+2.7111i	6.4020-0.2993i
27.5	-0.0308+0.1719i	-0.0255+0.1775i	-0.0210+0.1241i	-0.0260+0.1180i	-2.0882+3.1670i	3.1126-0.5140i	-6.1156+2.7272i	6.5213-0.2760i
27.6	-0.0151+0.1709i	-0.0087+0.1756i	-0.0097+0.1234i	-0.0153+0.1164i	-1.7347+3.2666i	2.9107-0.7672i	-5.8182+2.7717i	6.4713-0.4703i
27.7	-0.0023+0.1637i	0.0043+0.1649i	-0.0000+0.1173i	-0.0072+0.1097i	-1.3233+3.1094i	2.6106-0.9042i	-5.4975+2.7001i	6.3382-0.6062i
27.8	0.0108+0.1523i	0.0178+0.1531i	0.0098+0.1099i	0.0011+0.1014i	-0.9483+2.8483i	2.4409-0.7710i	-5.2347+2.4840i	6.2765-0.5363i
27.9	0.0211+0.1369i	0.0272+0.1353i	0.0175+0.0979i	0.0074+0.0907i	-0.8067+2.3786i	2.5175-0.6394i	-5.0953+2.1704i	6.3533-0.5041i
28.0	0.0246+0.1222i	0.0281+0.1183i	0.0193+0.0863i	0.0080+0.0802i	-0.7657+2.0051i	2.6419-0.5695i	-5.0421+1.9003i	6.5165-0.4600i
28.1	0.0250+0.1125i	0.0283+0.1081i	0.0193+0.0801i	0.0076+0.0736i	-0.5835+1.8724i	2.4157-0.4073i	-4.9700+1.6627i	6.4127-0.3712i
28.2	0.0250+0.1061i	0.0276+0.1012i	0.0197+0.0752i	0.0068+0.0693i	-0.4667+1.7508i	2.3958-0.3718i	-4.9707+1.5456i	6.4517-0.3566i
28.3	0.0234+0.0969i	0.0249+0.0913i	0.0186+0.0680i	0.0044+0.0631i	-0.5212+1.5446i	2.2796-0.4197i	-4.9704+1.4327i	6.4086-0.4525i
28.4	0.0182+0.0888i	0.0191+0.0839i	0.0150+0.0624i	0.0004+0.0582i	-0.6033+1.4191i	2.2748-0.5647i	-5.0286+1.3669i	6.4226-0.5751i
28.5	0.0145+0.0812i	0.0146+0.0756i	0.0125+0.0572i	-0.0030+0.0534i	-0.4467+1.1935i	2.1351-0.1742i	-5.0318+1.1378i	6.3669-0.3462i
28.6	0.0127+0.0767i	0.0119+0.0724i	0.0107+0.0546i	-0.0051+0.0507i	-0.3979+1.1273i	1.8742-0.3103i	-5.0224+1.0962i	6.2306-0.5090i
28.7	0.0069+0.0738i	0.0050+0.0686i	0.0066+0.0518i	-0.0100+0.0488i	-0.4722+1.0012i	1.8662-0.4369i	-5.0702+1.0919i	6.2426-0.5909i
28.8	0.0017+0.0705i	-0.0011+0.0665i	0.0028+0.0495i	-0.0142+0.0470i	-0.5484+0.9290i	1.6559-0.5290i	-5.0863+1.0444i	6.1594-0.6617i
28.9	-0.0054+0.0680i	-0.0083+0.0646i	-0.0024+0.0472i	-0.0198+0.0461i	-0.4899+0.9345i	1.5204-0.4182i	-5.1183+0.9558i	6.1251-0.5774i
29.0	-0.0119+0.0662i	-0.0135+0.0634i	-0.0062+0.0457i	-0.0236+0.0456i	-0.6052+0.8451i	1.5913-0.5640i	-5.2062+0.9397i	6.2335-0.7601i
29.1	-0.0193+0.0636i	-0.0195+0.0617i	-0.0103+0.0446i	-0.0283+0.0442i	-0.5970+0.7493i	1.5967-0.4403i	-5.2610+0.8625i	6.3010-0.6855i
29.2	-0.0246+0.0627i	-0.0245+0.0618i	-0.0141+0.0443i	-0.0324+0.0441i	-0.5494+0.7699i	1.4274-0.3559i	-5.2791+0.8876i	6.1759-0.6242i
29.3	-0.0307+0.0618i	-0.0318+0.0615i	-0.0191+0.0434i	-0.0376+0.0443i	-0.5189+0.7673i	1.2674-0.5481i	-5.3802+0.9022i	6.1211-0.8172i
29.4	-0.0382+0.0610i	-0.0384+0.0629i	-0.0237+0.0436i	-0.0425+0.0446i	-0.6779+0.8558i	1.0802-0.7969i	-5.4350+0.9488i	6.0069-1.0056i
29.5	-0.0453+0.0620i	-0.0426+0.0634i	-0.0266+0.0445i	-0.0470+0.0451i	-0.7656+0.7632i	1.0148-0.5437i	-5.4557+0.9254i	6.0220-0.8543i
29.6	-0.0506+0.0629i	-0.0466+0.0641i	-0.0294+0.0448i	-0.0510+0.0460i	-0.6893+0.7298i	0.6905-0.3597i	-5.4167+0.8862i	5.8415-0.7636i
29.7	-0.0579+0.0670i	-0.0536+0.0657i	-0.0344+0.0463i	-0.0562+0.0485i	-0.7359+0.7625i	0.6648-0.6415i	-5.5399+0.9301i	5.8907-0.9851i
29.8	-0.0662+0.0701i	-0.0579+0.0682i	-0.0387+0.0477i	-0.0603+0.0514i	-0.6883+0.7723i	0.5228-0.6739i	-5.5752+1.0053i	5.7683-1.0919i
29.9	-0.0717+0.0722i	-0.0612+0.0688i	-0.0417+0.0479i	-0.0638+0.0531i	-0.6715+0.8317i	0.4332-0.6192i	-5.5868+1.0467i	5.7323-1.0886i
30.0	-0.0773+0.0789i	-0.0665+0.0734i	-0.0451+0.0514i	-0.0681+0.0576i	-0.8812+0.8965i	0.4086-0.2992i	-5.7138+1.0175i	5.7648-0.8955i
30.1	-0.0873+0.0869i	-0.0750+0.0791i	-0.0517+0.0555i	-0.0755+0.0632i	-0.8091+0.8252i	0.0904-0.3328i	-5.7597+1.1097i	5.7035-0.9722i
30.2	-0.0968+0.0919i	-0.0809+0.0837i	-0.0570+0.0579i	-0.0816+0.0674i	-0.8147+0.8655i	-0.0076-0.3399i	-5.8182+1.1790i	5.7178-1.0515i
30.3	-0.1014+0.1051i	-0.0863+0.0864i	-0.0596+0.0632i	-0.0848+0.0726i	-0.8354+0.7880i	0.1483-0.0159i	-5.8713+1.1684i	5.8576-0.7910i
30.4	-0.1087+0.1127i	-0.0935+0.0911i	-0.0646+0.0664i	-0.0898+0.0781i	-0.8263+0.8545i	-0.1728-0.2314i	-5.8460+1.2981i	5.7159-0.9973i
30.5	-0.1192+0.1188i	-0.1021+0.0970i	-0.0721+0.0698i	-0.0964+0.0831i	-0.7664+1.1881i	-0.6346-0.6522i	-5.8765+1.4673i	5.4584-1.2959i
30.6	-0.1252+0.1323i	-0.1094+0.1081i	-0.0770+0.0778i	-0.1013+0.0922i	-0.6805+1.2794i	-0.8403-0.4945i	-5.9892+1.6018i	5.4341-1.3260i
30.7	-0.1284+0.1450i	-0.1142+0.1154i	-0.0793+0.0844i	-0.1043+0.1002i	-0.8203+1.3136i	-0.7916-0.4026i	-6.0381+1.7149i	5.4848-1.3224i
30.8	-0.1335+0.1647i	-0.1183+0.1272i	-0.0832+0.0944i	-0.1073+0.1112i	-0.9309+1.4988i	-0.9765-0.3493i	-6.0441+1.9091i	5.4228-1.3188i

30.9	-0.1351+0.1782i	-0.1210+0.1385i	-0.0850+0.1021i	-0.1090+0.1205i	-0.8266+1.5846i	-1.0918-0.1479i	-6.1070+2.0058i	5.4228-1.2581i
31.0	-0.1303+0.2011i	-0.1213+0.1548i	-0.0839+0.1154i	-0.1078+0.1353i	-0.6311+1.7221i	-1.3608-0.0546i	-6.0323+2.2347i	5.3630-1.3115i
31.1	-0.1348+0.2184i	-0.1256+0.1693i	-0.0874+0.1257i	-0.1110+0.1469i	-0.4826+1.8683i	-1.8388-0.1247i	-5.9605+2.4405i	5.1249-1.4600i
31.2	-0.1308+0.2387i	-0.1256+0.1808i	-0.0860+0.1362i	-0.1093+0.1580i	-0.3191+1.9623i	-1.9831+0.0613i	-5.8873+2.6504i	5.0833-1.3811i
31.3	-0.1197+0.2661i	-0.1229+0.1973i	-0.0815+0.1507i	-0.1045+0.1743i	-0.1462+2.0855i	-1.9275+0.2187i	-5.8317+2.8885i	5.2566-1.3824i
31.4	-0.1181+0.2818i	-0.1241+0.2117i	-0.0819+0.1609i	-0.1052+0.1849i	-0.0383+2.3148i	-2.4650+0.0174i	-5.7180+3.1559i	5.0356-1.5724i
31.5	-0.0977+0.3174i	-0.1160+0.2368i	-0.0731+0.1815i	-0.0961+0.2062i	0.2833+2.4860i	-2.8426+0.6235i	-5.4620+3.4091i	4.8678-1.3498i
31.6	-0.0789+0.3392i	-0.1065+0.2498i	-0.0643+0.1937i	-0.0863+0.2192i	0.4212+2.5304i	-2.8376+1.0872i	-5.3192+3.4925i	4.9086-1.1302i
31.7	-0.0531+0.3650i	-0.0935+0.2687i	-0.0512+0.2085i	-0.0733+0.2361i	0.6699+2.6513i	-3.1709+1.3561i	-5.0127+3.7021i	4.8508-1.1906i
31.8	-0.0391+0.3984i	-0.0877+0.2924i	-0.0443+0.2273i	-0.0679+0.2567i	1.2004+2.9526i	-3.9782+1.2190i	-4.6689+4.1371i	4.6279-1.3934i
31.9	-0.0243+0.4232i	-0.0832+0.3064i	-0.0383+0.2406i	-0.0628+0.2700i	1.5168+3.2345i	-4.4591+1.1713i	-4.4916+4.3884i	4.5563-1.3259i
32.0	0.0432+0.4423i	-0.0466+0.3249i	-0.0037+0.2536i	-0.0259+0.2860i	2.1380+3.1824i	-4.3359+2.1906i	-3.9298+4.4261i	4.5919-1.0515i
32.1	0.0921+0.4287i	-0.0173+0.3260i	0.0225+0.2489i	0.0018+0.2831i	2.5031+2.8969i	-4.1778+2.7860i	-3.4767+4.2795i	4.5064-0.9542i
32.2	0.1266+0.4307i	0.0021+0.3303i	0.0414+0.2512i	0.0202+0.2863i	2.7223+2.7661i	-4.3044+3.0606i	-3.1610+4.2487i	4.5613-0.9839i
32.3	0.1893+0.4228i	0.0406+0.3343i	0.0758+0.2493i	0.0552+0.2877i	3.3952+2.4641i	-4.4965+3.5877i	-2.5386+4.2024i	4.5637-1.0957i
32.4	0.2760+0.4057i	0.0924+0.3428i	0.1216+0.2456i	0.1027+0.2904i	4.3852+1.9532i	-4.9557+4.8323i	-1.6149+4.0510i	4.3976-1.1769i
32.5	0.3190+0.3649i	0.1229+0.3291i	0.1459+0.2269i	0.1287+0.2748i	4.7551+1.3491i	-5.0623+5.7972i	-1.0697+3.6312i	4.0878-1.0666i
32.6	0.3728+0.3036i	0.1632+0.3045i	0.1775+0.1973i	0.1638+0.2501i	5.0812+0.2652i	-4.6184+7.1249i	-0.5917+2.9283i	4.1555-0.9566i
32.7	0.3857+0.2353i	0.1836+0.2695i	0.1878+0.1616i	0.1794+0.2170i	4.9169-0.5197i	-3.8228+7.7337i	-0.4550+2.2681i	4.1474-0.9625i
32.8	0.3988+0.1781i	0.1997+0.2384i	0.1973+0.1308i	0.1922+0.1896i	5.1010-1.3068i	-3.4879+8.7807i	-0.2803+1.5141i	4.1763-0.6966i
32.9	0.3796+0.1207i	0.1997+0.1999i	0.1901+0.0976i	0.1902+0.1563i	4.5259-2.0334i	-2.2242+8.9769i	-0.5701+0.9465i	4.3110-0.7834i
33.0	0.3707+0.0594i	0.2065+0.1587i	0.1874+0.0625i	0.1957+0.1232i	4.2083-3.0315i	-1.1060+10.0209i	-0.6659+0.1071i	4.2690-0.5025i
33.1	0.3818+0.0169i	0.2161+0.1372i	0.1923+0.0395i	0.2067+0.1060i	4.2010-3.8225i	-0.8784+11.1285i	-0.5363-0.5187i	4.1706-0.5132i
33.2	0.3359-0.0539i	0.2029+0.0916i	0.1693+0.0002i	0.1964+0.0653i	3.1658-4.7277i	1.2029+11.6755i	-1.1116-1.3498i	4.1674-0.3942i
33.3	0.2885-0.0884i	0.1813+0.0668i	0.1438-0.0190i	0.1800+0.0407i	2.0053-5.0707i	2.9394+11.4320i	-1.7873-1.6786i	4.1966-0.3225i
33.4	0.2355-0.1002i	0.1488+0.0542i	0.1128-0.0257i	0.1552+0.0262i	1.0709-4.7882i	3.8593+10.3538i	-2.4469-1.6297i	4.0509-0.4245i
33.5	0.1889-0.1157i	0.1275+0.0412i	0.0880-0.0336i	0.1367+0.0119i	0.3473-4.6969i	4.7048+9.7335i	-2.9628-1.7547i	3.8569-0.4683i
33.6	0.1616-0.0968i	0.1026+0.0522i	0.0707-0.0222i	0.1170+0.0180i	0.0491-4.1569i	4.7633+8.6969i	-3.3494-1.4519i	4.0050-0.4937i
33.7	0.1376-0.0874i	0.0868+0.0604i	0.0564-0.0141i	0.1034+0.0199i	-0.4541-3.8752i	5.1344+8.3660i	-3.7091-1.3570i	4.0213-0.2801i
33.8	0.1057-0.0653i	0.0704+0.0612i	0.0412-0.0039i	0.0848+0.0207i	-0.9087-3.1097i	5.4029+7.0208i	-3.9841-0.9948i	4.0279-0.1237i
33.9	0.0823-0.0506i	0.0580+0.0633i	0.0303+0.0040i	0.0715+0.0208i	-1.2693-2.5225i	5.7606+6.1684i	-4.2228-0.7662i	4.0745+0.0623i
34.0	0.0646-0.0437i	0.0516+0.0634i	0.0231+0.0084i	0.0628+0.0191i	-1.5182-2.0383i	6.2101+5.4989i	-4.4242-0.5553i	4.2058+0.2165i
34.1	0.0593-0.0366i	0.0458+0.0655i	0.0202+0.0123i	0.0572+0.0203i	-1.3863-1.7730i	6.1256+5.0091i	-4.4721-0.4245i	4.3374+0.2107i
34.2	0.0563-0.0283i	0.0397+0.0693i	0.0175+0.0161i	0.0521+0.0239i	-1.2380-1.6372i	5.8565+4.7313i	-4.4695-0.3327i	4.4210+0.1522i
34.3	0.0426-0.0261i	0.0320+0.0734i	0.0100+0.0191i	0.0442+0.0239i	-1.5871-1.7452i	6.1771+4.4886i	-4.6824-0.2712i	4.4222+0.1991i
34.4	0.0315-0.0185i	0.0253+0.0756i	0.0047+0.0229i	0.0373+0.0258i	-1.6917-1.5445i	6.2556+4.0460i	-4.8015-0.1370i	4.4393+0.2305i
34.5	0.0202-0.0053i	0.0169+0.0822i	-0.0012+0.0304i	0.0281+0.0305i	-1.6523-1.0085i	6.1166+3.3000i	-4.8478+0.1316i	4.4732+0.1027i
34.6	0.0209+0.0094i	0.0096+0.0951i	-0.0025+0.0396i	0.0238+0.0410i	-1.4812-0.7094i	5.7319+2.9050i	-4.8333+0.3533i	4.6107+0.0136i
34.7	0.0196+0.0266i	0.0046+0.1025i	-0.0038+0.0474i	0.0193+0.0497i	-1.2701-0.3947i	5.2906+2.4848i	-4.7063+0.5238i	4.6950-0.0139i
34.8	0.0149+0.0347i	0.0092+0.1058i	-0.0023+0.0530i	0.0174+0.0505i	-1.2754+0.0519i	5.6408+1.9344i	-4.7700+0.7561i	4.8780+0.1026i
34.9	0.0198+0.0428i	0.0123+0.1151i	0.0005+0.0595i	0.0196+0.0559i	-1.2689+0.0885i	5.6935+1.8898i	-4.7906+0.8471i	5.0045+0.1465i
35.0	0.0258+0.0507i	0.0172+0.1242i	0.0044+0.0654i	0.0229+0.0614i	-1.0981+0.1996i	5.4219+1.9827i	-4.6528+0.8739i	4.8588+0.2589i
35.1	0.0281+0.0539i	0.0254+0.1259i	0.0092+0.0672i	0.0252+0.0625i	-0.9716+0.3411i	5.3870+1.5606i	-4.5529+0.9836i	4.9947+0.2006i
35.2	0.0305+0.0536i	0.0292+0.1274i	0.0119+0.0671i	0.0264+0.0624i	-0.8449+0.5379i	5.3978+1.2006i	-4.5207+1.1263i	5.1100+0.0188i
35.3	0.0372+0.0579i	0.0323+0.1230i	0.0154+0.0672i	0.0286+0.0619i	-0.7069+0.5883i	5.2494+1.1868i	-4.3871+1.0737i	5.1138+0.1563i
35.4	0.0465+0.0566i	0.0329+0.1236i	0.0189+0.0660i	0.0313+0.0629i	-0.5187+0.4994i	4.9960+1.0259i	-4.3320+1.0567i	5.1952-0.0071i
35.5	0.0551+0.0563i	0.0365+0.1247i	0.0232+0.0654i	0.0347+0.0645i	-0.2181+0.4595i	4.6049+1.0298i	-4.1644+1.0083i	5.1586-0.0600i
35.6	0.0545+0.0543i	0.0352+0.1219i	0.0236+0.0636i	0.0321+0.0625i	-0.2647+0.4662i	4.6082+0.7222i	-4.1681+1.0612i	5.2490-0.0978i
35.7	0.0596+0.0459i	0.0358+0.1212i	0.0243+0.0604i	0.0339+0.0599i	-0.1553+0.3643i	4.4275+0.8694i	-4.1219+0.9347i	5.2044-0.0806i
35.8	0.0699+0.0419i	0.0290+0.1200i	0.0257+0.0570i	0.0343+0.0594i	-0.0806+0.4800i	4.1456+0.5119i	-4.0453+0.9349i	5.3077-0.2619i
35.9	0.0679+0.0355i	0.0290+0.1238i	0.0253+0.0553i	0.0334+0.0591i	-0.0464+0.5263i	4.0652+0.2550i	-4.0845+1.0189i	5.3338-0.5259i
36.0	0.0662+0.0325i	0.0269+0.1260i	0.0239+0.0551i	0.0322+0.0593i	0.1373+0.5570i	3.8489+0.0394i	-4.0694+1.0774i	5.2588-0.7350i
36.1	0.0655+0.0251i	0.0203+0.1242i	0.0211+0.0526i	0.0298+0.0560i	0.0940+0.3675i	3.9732+0.1424i	-4.1146+0.9784i	5.2922-0.6172i
36.2	0.0619+0.0281i	0.0090+0.1165i	0.0169+0.0496i	0.0225+0.0550i	0.0518+0.4495i	4.0643-0.1595i	-4.1910+0.9365i	5.5463-0.5815i
36.3	0.0584+0.0256i	0.0055+0.1185i	0.0142+0.0491i	0.0197+0.0551i	-0.0741+0.5162i	4.0410-0.2703i	-4.2554+0.9792i	5.5752-0.6085i
36.4	0.0583+0.0193i	-0.0053+0.1273i	0.0098+0.0502i	0.0160+0.0565i	-0.1237+0.5738i	3.9693-0.4491i	-4.3468+1.0398i	5.6169-0.7686i
36.5	0.0498+0.0131i	-0.0035+0.1383i	0.0071+0.0519i	0.0136+0.0586i	0.0446+0.6666i	3.7260-0.4873i	-4.3209+1.0785i	5.4427-0.8706i
36.6	0.0451+0.0075i	0.0009+0.1507i	0.0060+0.0546i	0.0139+0.0616i	0.2334+0.7520i	3.5259-0.4181i	-4.2718+1.0964i	5.3453-0.8573i
36.7	0.0452+0.0077i	-0.0012+0.1581i	0.0058+0.0566i	0.0138+0.0643i	0.1179+0.6386i	3.6070-0.5706i	-4.3002+1.1556i	5.4677-0.9175i
36.8	0.0429+0.0025i	-0.0003+0.1709i	0.0046+0.0593i	0.0141+0.0671i	0.1307+0.5362i	3.3798-0.4505i	-4.2642+1.1284i	5.3650-0.9029i
36.9	0.0439+0.0032i	-0.0066+0.1766i	0.0025+0.0613i	0.0124+0.0702i	0.1763+0.6275i	3.3589-0.5746i	-4.2968+1.1479i	5.4297-0.9404i
37.0	0.0457-0.0009i	-0.0039+0.1932i	0.0037+0.0646i	0.0138+0.0759i	0.2004+0.7291i	3.1365-0.9160i	-4.2227+1.2872i	5.3716-1.1555i
37.1	0.0451-0.0082i	0.0037+0.2072i	0.0062+0.0667i	0.0172+0.0790i	0.3174+0.7583i	2.9741-1.1001i	-4.1451+1.3632i	5.3611-1.2987i

37.2	0.0372-0.0158i	0.0198+0.2187i	0.0081+0.0686i	0.0210+0.0804i	0.4058+0.7155i	2.8060-0.9411i	-4.1028+1.3259i	5.2796-1.2389i
37.3	0.0287-0.0243i	0.0346+0.2243i	0.0097+0.0678i	0.0238+0.0788i	0.3233+0.9166i	2.6046-1.0127i	-4.0293+1.3435i	5.1395-1.3017i
37.4	0.0230-0.0334i	0.0430+0.2305i	0.0107+0.0664i	0.0250+0.0775i	0.3175+0.9515i	2.7104-1.2420i	-4.0332+1.4046i	5.2298-1.3580i
37.5	0.0072-0.0430i	0.0589+0.2394i	0.0108+0.0663i	0.0259+0.0773i	0.5402+0.9030i	2.5077-1.3299i	-3.9600+1.3460i	5.1428-1.4215i
37.6	-0.0100-0.0544i	0.0771+0.2511i	0.0097+0.0675i	0.0277+0.0774i	0.6583+0.7874i	2.2593-1.3184i	-3.9199+1.2842i	5.0673-1.4316i
37.7	-0.0377-0.0533i	0.1098+0.2471i	0.0110+0.0673i	0.0309+0.0753i	0.6759+0.8780i	1.9505-1.1357i	-3.8700+1.2459i	4.8294-1.4355i
37.8	-0.0587-0.0473i	0.1287+0.2377i	0.0104+0.0666i	0.0301+0.0738i	0.7563+0.7689i	1.8290-1.2578i	-3.8447+1.3148i	4.7410-1.5596i
37.9	-0.0778-0.0345i	0.1421+0.2265i	0.0078+0.0671i	0.0279+0.0734i	0.9033+0.8209i	1.6724-1.3469i	-3.8310+1.3368i	4.6136-1.5696i
38.0	-0.0981-0.0218i	0.1657+0.2203i	0.0090+0.0698i	0.0303+0.0742i	0.7498+0.8486i	1.6062-1.3713i	-3.8673+1.3732i	4.6137-1.5892i
38.1	-0.1076-0.0064i	0.1749+0.2078i	0.0085+0.0714i	0.0301+0.0751i	0.7320+0.9172i	1.7053-1.4646i	-3.9151+1.4049i	4.7240-1.5620i
38.2	-0.1265+0.0158i	0.1985+0.1896i	0.0099+0.0733i	0.0321+0.0751i	0.7682+0.9595i	1.4143-1.4850i	-3.8826+1.4503i	4.6258-1.5941i
38.3	-0.1377+0.0412i	0.2119+0.1635i	0.0109+0.0738i	0.0337+0.0736i	0.9294+0.9460i	1.1889-1.4247i	-3.7963+1.4819i	4.4570-1.5464i
38.4	-0.1324+0.0621i	0.2053+0.1398i	0.0105+0.0729i	0.0326+0.0712i	0.9585+0.8814i	1.2599-1.4564i	-3.8071+1.4976i	4.5544-1.5028i
38.5	-0.1310+0.0828i	0.2038+0.1221i	0.0106+0.0746i	0.0323+0.0718i	1.0315+0.9942i	1.2139-1.4224i	-3.7754+1.4841i	4.5546-1.4336i
38.6	-0.1271+0.1086i	0.2017+0.0967i	0.0117+0.0749i	0.0328+0.0708i	0.9257+1.0056i	1.1589-1.2428i	-3.7742+1.4079i	4.5157-1.3354i
38.7	-0.1168+0.1249i	0.1943+0.0841i	0.0123+0.0768i	0.0334+0.0710i	0.9409+0.9187i	1.1082-1.2236i	-3.7498+1.4270i	4.5344-1.3705i
38.8	-0.1029+0.1383i	0.1823+0.0723i	0.0130+0.0775i	0.0338+0.0713i	1.0480+0.8196i	1.0462-1.3826i	-3.7121+1.4666i	4.5581-1.4671i
38.9	-0.0804+0.1493i	0.1633+0.0594i	0.0144+0.0771i	0.0337+0.0698i	1.2811+0.8769i	0.8537-1.5070i	-3.5887+1.5170i	4.4087-1.5393i
39.0	-0.0662+0.1588i	0.1556+0.0514i	0.0174+0.0783i	0.0355+0.0692i	1.3261+1.0005i	0.8783-1.3862i	-3.5899+1.5195i	4.4503-1.4890i
39.1	-0.0519+0.1650i	0.1436+0.0420i	0.0182+0.0776i	0.0360+0.0673i	1.3999+0.9593i	0.8581-1.3174i	-3.5879+1.4600i	4.5392-1.4651i
39.2	-0.0413+0.1696i	0.1358+0.0365i	0.0192+0.0776i	0.0366+0.0670i	1.4279+1.0139i	0.6998-1.4504i	-3.5230+1.4875i	4.4689-1.5572i
39.3	-0.0274+0.1663i	0.1242+0.0351i	0.0205+0.0765i	0.0363+0.0654i	1.3360+0.9310i	0.6141-1.4610i	-3.4774+1.4583i	4.3640-1.5455i
39.4	-0.0129+0.1684i	0.1120+0.0314i	0.0219+0.0766i	0.0358+0.0642i	1.3555+0.9426i	0.5557-1.4311i	-3.4831+1.4455i	4.3286-1.5286i
39.5	-0.0035+0.1638i	0.0987+0.0315i	0.0206+0.0753i	0.0333+0.0616i	1.3316+0.9295i	0.5072-1.4372i	-3.5022+1.3700i	4.3678-1.5241i
39.6	-0.0024+0.1599i	0.0960+0.0364i	0.0200+0.0756i	0.0327+0.0613i	1.3502+0.8786i	0.2837-1.3488i	-3.4872+1.3062i	4.2596-1.5061i
39.7	-0.0022+0.1633i	0.0946+0.0365i	0.0197+0.0764i	0.0320+0.0626i	1.4673+0.9154i	0.2547-1.2951i	-3.5078+1.3097i	4.2730-1.4507i
39.8	0.0256+0.1678i	0.0831+0.0321i	0.0262+0.0773i	0.0359+0.0625i	1.5964+0.8868i	0.2951-1.2074i	-3.4710+1.2693i	4.3069-1.3630i
39.9	0.0390+0.1529i	0.0721+0.0391i	0.0276+0.0753i	0.0353+0.0597i	1.5259+0.8338i	0.2234-1.1873i	-3.4561+1.1798i	4.2416-1.3519i
40.0	0.0416+0.1445i	0.0694+0.0437i	0.0280+0.0731i	0.0345+0.0588i	1.5939+0.6977i	0.1947-1.1668i	-3.4884+1.1656i	4.2731-1.3148i
40.1	0.0459+0.1365i	0.0636+0.0483i	0.0280+0.0713i	0.0335+0.0576i	1.6661+0.7201i	0.0430-1.0744i	-3.4368+1.1105i	4.1784-1.2352i
40.2	0.0473+0.1309i	0.0576+0.0506i	0.0266+0.0696i	0.0317+0.0563i	1.7211+0.6527i	-0.0719-1.1291i	-3.4399+1.0655i	4.1777-1.2424i
40.3	0.0460+0.1220i	0.0577+0.0575i	0.0267+0.0684i	0.0301+0.0561i	1.6979+0.5743i	-0.0620-0.9407i	-3.5007+0.9834i	4.2060-1.1078i
40.4	0.0474+0.1120i	0.0557+0.0634i	0.0265+0.0671i	0.0287+0.0550i	1.7313+0.7234i	-0.0242-0.8081i	-3.5048+0.9655i	4.1777-1.0186i
40.5	0.0461+0.1083i	0.0544+0.0655i	0.0257+0.0666i	0.0276+0.0547i	1.7854+0.7826i	-0.1055-0.8558i	-3.5469+0.9822i	4.1627-1.0301i
40.6	0.0443+0.1062i	0.0538+0.0692i	0.0254+0.0672i	0.0265+0.0555i	1.7457+0.6723i	-0.2385-0.9016i	-3.5288+1.0052i	4.1129-1.0324i
40.7	0.0461+0.1014i	0.0522+0.0702i	0.0249+0.0659i	0.0259+0.0542i	1.7414+0.5609i	-0.3414-0.8100i	-3.5337+0.9549i	4.1128-0.9648i
40.8	0.0428+0.1023i	0.0533+0.0677i	0.0235+0.0648i	0.0241+0.0542i	1.8014+0.6627i	-0.2690-0.9824i	-3.6136+1.0139i	4.2097-1.0861i
40.9	0.0435+0.0956i	0.0482+0.0748i	0.0230+0.0649i	0.0223+0.0542i	1.6908+0.7583i	-0.2295-1.1089i	-3.6742+1.0791i	4.2651-1.2157i
41.0	0.0452+0.0893i	0.0523+0.0806i	0.0254+0.0646i	0.0242+0.0545i	1.6020+0.7137i	-0.2499-0.9887i	-3.6593+1.0676i	4.2669-1.1686i
41.1	0.0431+0.0892i	0.0552+0.0737i	0.0259+0.0624i	0.0240+0.0531i	1.5715+0.7578i	-0.2150-0.7979i	-3.7038+0.9933i	4.3232-1.0133i
41.2	0.0459+0.0898i	0.0483+0.0752i	0.0238+0.0625i	0.0229+0.0538i	1.5973+0.6275i	-0.3290-0.8844i	-3.7242+0.9996i	4.2900-1.0118i
41.3	0.0425+0.0843i	0.0542+0.0785i	0.0244+0.0621i	0.0226+0.0538i	1.7478+0.6802i	-0.4932-0.9579i	-3.6515+1.0554i	4.1791-1.1006i
41.4	0.0432+0.0779i	0.0543+0.0795i	0.0253+0.0607i	0.0219+0.0522i	1.6374+0.7833i	-0.4958-1.0019i	-3.6556+1.0668i	4.1691-1.0988i
41.5	0.0449+0.0743i	0.0509+0.0790i	0.0248+0.0584i	0.0213+0.0503i	1.6813+0.7838i	-0.4724-0.9273i	-3.6893+1.0384i	4.2378-1.0299i
41.6	0.0424+0.0718i	0.0468+0.0779i	0.0225+0.0575i	0.0185+0.0499i	1.6270+0.6016i	-0.4343-0.8357i	-3.7422+0.9984i	4.3180-0.9489i
41.7	0.0371+0.0685i	0.0448+0.0797i	0.0201+0.0572i	0.0157+0.0505i	1.6843+0.6762i	-0.4389-0.8094i	-3.7789+0.9550i	4.3217-0.8788i
41.8	0.0305+0.0629i	0.0438+0.0795i	0.0181+0.0549i	0.0130+0.0497i	1.8115+0.7769i	-0.5468-0.8219i	-3.8039+0.9906i	4.2822-0.9630i
41.9	0.0261+0.0597i	0.0400+0.0818i	0.0151+0.0548i	0.0104+0.0497i	1.6893+0.7725i	-0.5376-0.8371i	-3.8989+1.0374i	4.4505-0.9984i
42.0	0.0221+0.0600i	0.0431+0.0865i	0.0141+0.0562i	0.0106+0.0516i	1.6227+0.8371i	-0.4342-0.8716i	-3.8995+1.0472i	4.5829-0.9925i
42.1	0.0187+0.0596i	0.0451+0.0857i	0.0142+0.0555i	0.0108+0.0514i	1.5677+0.8642i	-0.4808-0.9303i	-3.8772+1.0320i	4.5646-1.0207i
42.2	0.0135+0.0616i	0.0443+0.0883i	0.0124+0.0575i	0.0084+0.0534i	1.4422+0.8339i	-0.5470-0.9251i	-3.9422+1.0716i	4.5991-1.0056i
42.3	0.0144+0.0648i	0.0440+0.0854i	0.0124+0.0572i	0.0088+0.0540i	1.6525+0.9403i	-0.5737-0.8268i	-3.9336+1.1230i	4.5790-0.9504i
42.4	0.0150+0.0617i	0.0397+0.0863i	0.0110+0.0559i	0.0080+0.0530i	1.7203+0.8752i	-0.6551-0.7246i	-3.9259+1.0871i	4.5371-0.8926i
42.5	0.0123+0.0521i	0.0394+0.0940i	0.0097+0.0560i	0.0076+0.0526i	1.7438+0.8896i	-0.7252-0.8334i	-3.8822+1.0939i	4.5690-0.9394i
42.6	-0.0008+0.0514i	0.0419+0.0892i	0.0068+0.0541i	0.0035+0.0506i	1.7731+0.9793i	-0.6808-0.9336i	-3.9395+1.0994i	4.6854-1.0220i
42.7	-0.0045+0.0551i	0.0402+0.0887i	0.0058+0.0548i	0.0015+0.0518i	1.8284+1.1226i	-0.6245-0.9338i	-3.9575+1.0925i	4.7338-1.0048i
42.8	-0.0066+0.0566i	0.0365+0.0867i	0.0037+0.0533i	-0.0004+0.0512i	1.9321+0.9906i	-0.5634-0.9566i	-3.9568+1.0813i	4.7592-0.9883i
42.9	-0.0122+0.0598i	0.0333+0.0865i	-0.0002+0.0540i	-0.0035+0.0526i	1.9147+0.9955i	-0.7453-0.8844i	-3.9642+1.0548i	4.6952-0.8988i
43.0	-0.0239+0.0631i	0.0356+0.0927i	-0.0034+0.0585i	-0.0063+0.0556i	1.8952+1.0531i	-0.8803-0.8142i	-4.0465+1.0851i	4.7084-0.9527i
43.1	-0.0261+0.0727i	0.0346+0.0924i	-0.0047+0.0606i	-0.0080+0.0583i	1.8670+0.9519i	-0.6698-0.8756i	-4.1156+1.1268i	4.9471-1.0667i
43.2	-0.0198+0.0752i	0.0309+0.0906i	-0.0047+0.0612i	-0.0070+0.0586i	1.8793+1.0296i	-0.6313-1.0112i	-4.1072+1.1529i	5.0077-1.1488i
43.3	-0.0222+0.0575i	0.0248+0.0989i	-0.0081+0.0581i	-0.0108+0.0553i	1.8881+0.9151i	-0.7270-0.9725i	-4.1376+1.1096i	4.9734-1.1116i
43.4	-0.0386+0.0582i	0.0212+0.1030i	-0.0141+0.0593i	-0.0176+0.0575i	1.8286+1.1062i	-0.8122-0.8872i	-4.1804+1.0808i	4.8404-1.0249i

43.5	-0.0470+0.0727i	0.0241+0.1093i	-0.0160+0.0666i	-0.0192+0.0638i	1.7653+1.2592i	-0.9110-0.8858i	-4.2063+1.1126i	4.7927-1.0680i
43.6	-0.0445+0.0839i	0.0216+0.1049i	-0.0158+0.0696i	-0.0187+0.0664i	2.0378+1.2057i	-0.8595-1.0022i	-4.2392+1.2042i	4.9593-1.1683i
43.7	-0.0416+0.0875i	0.0185+0.1110i	-0.0160+0.0732i	-0.0188+0.0690i	2.1529+1.3396i	-0.7912-0.9973i	-4.2545+1.2117i	5.0389-1.0477i
43.8	-0.0455+0.0798i	0.0256+0.1158i	-0.0149+0.0710i	-0.0178+0.0680i	2.0876+1.3479i	-0.7583-0.9456i	-4.2799+1.1780i	5.0838-1.0760i
43.9	-0.0627+0.0885i	0.0234+0.1129i	-0.0218+0.0725i	-0.0248+0.0704i	2.1016+1.4269i	-0.8490-1.0345i	-4.3829+1.2008i	5.1618-1.2006i
44.0	-0.0623+0.1135i	0.0220+0.1176i	-0.0209+0.0829i	-0.0254+0.0808i	1.9595+1.3405i	-0.9862-0.8665i	-4.3527+1.2423i	5.0206-1.1001i
44.1	-0.0583+0.1198i	0.0277+0.1127i	-0.0175+0.0823i	-0.0230+0.0816i	2.2289+1.4034i	-1.0800-0.8672i	-4.3035+1.2480i	4.9566-0.9929i
44.2	-0.0666+0.1319i	0.0134+0.1162i	-0.0261+0.0889i	-0.0299+0.0864i	2.2454+1.5664i	-1.0666-1.1315i	-4.4031+1.4127i	5.0984-1.2540i
44.3	-0.0582+0.1597i	0.0113+0.1379i	-0.0246+0.1052i	-0.0283+0.1041i	2.0977+1.6294i	-1.0779-1.2070i	-4.4042+1.5822i	5.0624-1.3141i
44.4	-0.0218+0.1600i	0.0232+0.1420i	-0.0074+0.1059i	-0.0117+0.1053i	2.4791+1.6379i	-1.2302-1.0142i	-4.2141+1.5599i	5.0115-1.1599i
44.5	-0.0116+0.1316i	0.0306+0.1377i	-0.0016+0.0947i	-0.0060+0.0947i	2.6283+1.5406i	-1.2255-0.8627i	-4.1786+1.3894i	5.0823-1.0642i
44.6	-0.0196+0.1310i	0.0273+0.1449i	-0.0053+0.0968i	-0.0098+0.0972i	2.6727+1.5408i	-1.1696-0.9581i	-4.2423+1.4297i	5.1589-1.1460i
44.7	-0.0180+0.1262i	0.0496+0.1572i	0.0027+0.0993i	-0.0021+0.0992i	2.4678+1.7081i	-1.2438-1.0926i	-4.1821+1.5076i	5.1724-1.2700i
44.8	-0.0259+0.1202i	0.0607+0.1344i	0.0026+0.0891i	-0.0009+0.0891i	2.7125+1.5579i	-1.1728-1.1270i	-4.2354+1.4474i	5.3267-1.2980i
44.9	-0.0311+0.1250i	0.0505+0.1217i	-0.0032+0.0867i	-0.0069+0.0865i	2.7969+1.6441i	-1.3517-1.1705i	-4.2903+1.4160i	5.2201-1.3550i
45.0	-0.0446+0.1252i	0.0415+0.1178i	-0.0113+0.0852i	-0.0149+0.0853i	2.7124+1.6030i	-1.4261-0.9081i	-4.3359+1.3239i	5.1486-1.1377i
45.1	-0.0441+0.1453i	0.0343+0.1225i	-0.0128+0.0935i	-0.0178+0.0935i	2.7628+1.7364i	-1.3785-0.8453i	-4.3961+1.4008i	5.2850-1.1396i
45.2	-0.0246+0.1456i	0.0302+0.1260i	-0.0080+0.0955i	-0.0125+0.0938i	2.8717+1.8284i	-1.4524-0.7867i	-4.3271+1.4176i	5.2519-1.1231i
45.3	-0.0215+0.1405i	0.0206+0.1294i	-0.0112+0.0950i	-0.0150+0.0946i	2.9081+1.8994i	-1.4750-0.8539i	-4.3978+1.4320i	5.2944-1.1439i
45.4	-0.0182+0.1355i	0.0262+0.1476i	-0.0087+0.0995i	-0.0116+0.0992i	2.8964+1.8414i	-1.3926-0.7740i	-4.4422+1.4305i	5.5907-1.1149i
45.5	-0.0357+0.1326i	0.0323+0.1333i	-0.0126+0.0932i	-0.0162+0.0930i	3.0997+1.8769i	-1.3250-0.8564i	-4.5404+1.4377i	5.6756-1.1313i
45.6	-0.0342+0.1516i	0.0204+0.1363i	-0.0163+0.1009i	-0.0198+0.1008i	3.1704+1.8837i	-1.3857-0.9616i	-4.5567+1.4998i	5.6381-1.1953i
45.7	-0.0290+0.1425i	0.0308+0.1438i	-0.0107+0.1014i	-0.0147+0.1004i	3.0462+1.8814i	-1.3924-1.0356i	-4.5454+1.5241i	5.7335-1.3021i
45.8	-0.0440+0.1494i	0.0240+0.1395i	-0.0180+0.1016i	-0.0221+0.1003i	2.8994+2.0983i	-1.2868-1.1205i	-4.6895+1.5804i	5.9268-1.3640i
45.9	-0.0480+0.1681i	0.0088+0.1482i	-0.0260+0.1115i	-0.0287+0.1102i	3.2106+2.0009i	-1.4586-0.9827i	-4.7058+1.6572i	5.7079-1.3130i
46.0	-0.0312+0.1893i	0.0019+0.1644i	-0.0243+0.1251i	-0.0254+0.1231i	3.3925+2.1097i	-1.5958-1.0178i	-4.6461+1.7731i	5.7257-1.3289i
46.1	-0.0172+0.2003i	0.0008+0.1858i	-0.0193+0.1358i	-0.0202+0.1329i	3.4611+2.1721i	-1.6177-1.1873i	-4.6429+1.9632i	5.8926-1.5598i
46.2	0.0029+0.1846i	0.0307+0.2080i	-0.0017+0.1375i	-0.0044+0.1335i	3.7534+2.0697i	-1.6657-0.9659i	-4.5072+1.8778i	5.9286-1.4914i
46.3	-0.0117+0.1696i	0.0502+0.1871i	0.0018+0.1259i	-0.0028+0.1221i	3.7700+2.0299i	-1.5011-0.9975i	-4.5396+1.7216i	6.1004-1.4134i
46.4	-0.0254+0.2138i	0.0350+0.1910i	-0.0089+0.1426i	-0.0131+0.1374i	3.5684+2.0894i	-1.5347-1.0919i	-4.6756+1.8277i	6.1497-1.5149i
46.5	0.0349+0.2213i	0.0628+0.2016i	0.0228+0.1505i	0.0151+0.1438i	3.8538+2.1124i	-1.5303-1.2740i	-4.4614+2.0407i	6.2515-1.6694i
46.6	0.0510+0.1696i	0.0730+0.1677i	0.0305+0.1229i	0.0212+0.1193i	4.0169+1.9789i	-1.5473-1.3538i	-4.4116+1.9059i	6.3249-1.7844i
46.7	0.0389+0.1540i	0.0589+0.1593i	0.0219+0.1126i	0.0129+0.1111i	4.0756+1.9130i	-1.6502-1.2973i	-4.4439+1.8310i	6.2614-1.8191i
46.8	0.0264+0.1489i	0.0523+0.1572i	0.0146+0.1081i	0.0073+0.1080i	4.2167+1.9531i	-1.6666-1.2045i	-4.5359+1.7366i	6.2562-1.7644i
46.9	0.0022+0.1525i	0.0342+0.1588i	0.0003+0.1119i	-0.0053+0.1118i	4.1381+1.9711i	-1.8041-1.3176i	-4.5959+1.8036i	6.1538-1.8916i
47.0	0.0153+0.1884i	0.0298+0.1850i	0.0026+0.1340i	-0.0042+0.1304i	4.1501+2.0857i	-1.8394-1.3795i	-4.6352+2.0294i	6.3473-2.1170i
47.1	0.0510+0.1803i	0.0475+0.1878i	0.0199+0.1323i	0.0113+0.1286i	4.4758+2.0103i	-1.7627-1.5353i	-4.5450+2.0913i	6.5328-2.2149i
47.2	0.0577+0.1244i	0.0541+0.1669i	0.0242+0.1063i	0.0149+0.1050i	4.4437+1.8904i	-1.8642-1.6129i	-4.5566+1.9326i	6.6559-2.3496i
47.3	0.0201+0.1105i	0.0362+0.1676i	0.0057+0.1014i	-0.0028+0.1015i	4.4882+1.9506i	-1.8440-1.5244i	-4.7331+1.8508i	6.7589-2.2933i
47.4	-0.0091+0.1195i	0.0200+0.1747i	-0.0096+0.1065i	-0.0175+0.1074i	4.4890+2.0864i	-1.7602-1.5507i	-4.9790+1.8686i	6.9541-2.3042i
47.5	-0.0235+0.1420i	0.0113+0.1915i	-0.0167+0.1213i	-0.0266+0.1203i	4.3799+2.0224i	-1.9059-1.5390i	-4.9934+2.0150i	6.7188-2.4667i
47.6	-0.0158+0.1646i	0.0127+0.2088i	-0.0130+0.1348i	-0.0237+0.1333i	4.6119+2.0297i	-1.9588-1.6767i	-4.9086+2.2261i	6.7188-2.5969i
47.7	0.0037+0.1846i	0.0233+0.2289i	-0.0028+0.1480i	-0.0140+0.1476i	4.9134+2.0007i	-1.9816-1.7594i	-4.8366+2.3481i	6.6779-2.5580i
47.8	0.0282+0.1771i	0.0369+0.2382i	0.0075+0.1460i	-0.0039+0.1473i	5.0764+2.0813i	-2.1104-1.7973i	-4.7596+2.3734i	6.6070-2.8406i
47.9	0.0324+0.1557i	0.0424+0.2437i	0.0099+0.1420i	-0.0011+0.1446i	5.0235+2.1250i	-2.1470-1.7992i	-4.7407+2.3546i	6.7269-2.9058i
48.0	0.0227+0.1512i	0.0496+0.2436i	0.0116+0.1426i	0.0014+0.1449i	4.9297+1.7762i	-2.3650-1.9323i	-4.7498+2.3892i	6.7771-3.0472i
48.1	0.0223+0.1317i	0.0512+0.2444i	0.0143+0.1371i	0.0021+0.1380i	5.0791+1.8418i	-2.3823-1.7614i	-4.7438+2.3688i	6.6381-3.1816i
48.2	-0.0052+0.1265i	0.0483+0.2579i	0.0042+0.1401i	-0.0088+0.1403i	5.1781+2.0977i	-2.2539-1.7324i	-4.9214+2.3944i	6.8008-3.2154i
48.3	-0.0080+0.1411i	0.0612+0.2765i	0.0082+0.1522i	-0.0058+0.1512i	5.2913+2.0733i	-2.3177-1.7065i	-4.8868+2.5116i	6.8086-3.2878i
48.4	-0.0032+0.1318i	0.0808+0.2741i	0.0166+0.1462i	0.0036+0.1485i	5.3276+1.9137i	-2.6183-1.7562i	-4.7175+2.4559i	6.7133-3.3821i
48.5	-0.0205+0.1230i	0.0887+0.2670i	0.0141+0.1396i	0.0013+0.1434i	5.3255+1.8579i	-2.7838-1.7282i	-4.6590+2.4085i	6.5063-3.3843i
48.6	-0.0352+0.1329i	0.0866+0.2637i	0.0091+0.1418i	-0.0042+0.1460i	5.3790+1.8478i	-2.8173-1.9171i	-4.7491+2.4329i	6.7045-3.5212i
48.7	-0.0442+0.1479i	0.0798+0.2811i	0.0041+0.1530i	-0.0105+0.1561i	5.5507+1.8953i	-2.8784-1.8376i	-4.8286+2.4642i	6.7845-3.4295i
48.8	-0.0337+0.1749i	0.1017+0.3101i	0.0156+0.1726i	-0.0014+0.1764i	5.7506+1.9535i	-2.9013-1.7614i	-4.7489+2.5846i	6.7099-3.4392i
48.9	-0.0114+0.1644i	0.1343+0.2984i	0.0338+0.1645i	0.0168+0.1704i	5.6937+1.6931i	-2.9678-1.9170i	-4.6048+2.5637i	6.8189-3.5231i
49.0	-0.0124+0.1453i	0.1520+0.2861i	0.0399+0.1514i	0.0236+0.1597i	5.8793+1.6209i	-2.9067-1.9283i	-4.5698+2.5059i	6.9373-3.5722i
49.1	-0.0258+0.1366i	0.1615+0.2767i	0.0379+0.1442i	0.0231+0.1550i	5.8131+1.7954i	-2.9680-1.9692i	-4.6792+2.4831i	7.0165-3.7936i
49.2	-0.0538+0.1185i	0.1606+0.2549i	0.0256+0.1316i	0.0132+0.1437i	5.7546+1.4562i	-3.0665-2.0040i	-4.8008+2.3430i	7.2052-3.9083i
49.3	-0.0952+0.1360i	0.1451+0.2528i	0.0076+0.1370i	-0.0059+0.1457i	6.0318+1.5547i	-3.1753-1.9231i	-4.9113+2.3496i	7.0054-3.9020i
49.4	-0.1066+0.1962i	0.1410+0.2720i	0.0037+0.1633i	-0.0141+0.1717i	6.3710+1.9374i	-3.2277-1.8976i	-5.0072+2.6440i	6.6106-4.0845i
49.5	-0.0768+0.2079i	0.1555+0.2768i	0.0188+0.1682i	0.0005+0.1792i	6.3251+1.9910i	-3.1460-1.9157i	-4.9835+2.6932i	6.8047-4.1866i
49.6	-0.0779+0.2065i	0.1648+0.2755i	0.0216+0.1680i	0.0030+0.1791i	6.1807+1.7866i	-3.1906-1.7172i	-5.0292+2.5999i	6.9661-4.2246i
49.7	-0.0785+0.2412i	0.1709+0.2859i	0.0142+0.1753i	-0.0046+0.1864i	6.6235+1.2786i	-3.1721-1.8612i	-5.0486+2.6880i	7.0839-4.0010i

49.8	-0.0969+0.2554i	0.1597+0.2858i	0.0186+0.1816i	0.0013+0.1953i	6.7598+1.5562i	-3.2187-1.9063i	-5.0479+2.8648i	7.0450-4.0897i
49.9	-0.0497+0.2648i	0.1894+0.2849i	0.0409+0.1846i	0.0236+0.2005i	6.7634+1.7059i	-3.3520-2.0185i	-4.9628+2.9204i	7.2079-4.6184i
50.0	-0.0464+0.2410i	0.2007+0.2764i	0.0444+0.1771i	0.0275+0.1941i	7.0780+1.4716i	-3.3620-2.0231i	-5.0138+2.8737i	7.3197-4.8405i
50.1	-0.0600+0.2443i	0.2074+0.2755i	0.0424+0.1792i	0.0267+0.1964i	6.8492+1.3223i	-3.6534-2.2536i	-4.9839+2.8733i	7.3528-5.0386i
50.2	-0.0568+0.2674i	0.2152+0.2745i	0.0439+0.1842i	0.0295+0.2017i	6.8013+1.2639i	-3.7718-2.2254i	-4.9807+2.9058i	7.3452-5.2472i
50.3	-0.0262+0.2857i	0.2333+0.2777i	0.0611+0.1912i	0.0457+0.2114i	7.1093+1.3707i	-3.6428-2.2618i	-4.9714+3.0205i	7.3973-5.4063i
50.4	0.0056+0.2736i	0.2657+0.2678i	0.0818+0.1832i	0.0672+0.2062i	7.2525+1.4959i	-3.5928-2.2291i	-4.9340+3.0389i	7.3367-5.7441i
50.5	-0.0149+0.2534i	0.2568+0.2437i	0.0716+0.1700i	0.0585+0.1930i	7.1575+1.4500i	-3.9341-2.3024i	-4.9190+2.9804i	7.0387-6.0182i
50.6	-0.0088+0.2693i	0.2588+0.2475i	0.0733+0.1775i	0.0614+0.2003i	7.2166+1.2704i	-4.1505-2.2878i	-4.8926+2.9958i	7.0416-6.0784i
50.7	0.0078+0.2545i	0.2804+0.2356i	0.0827+0.1669i	0.0723+0.1904i	7.3269+1.2126i	-4.0842-2.3459i	-4.8793+2.8943i	7.1670-6.1585i
50.8	-0.0109+0.2303i	0.2821+0.2026i	0.0766+0.1450i	0.0688+0.1682i	7.6183+1.1155i	-4.2576-2.2562i	-4.9913+2.7217i	6.9129-6.4224i
50.9	-0.0256+0.2299i	0.2756+0.1847i	0.0679+0.1380i	0.0621+0.1601i	7.6408+1.0434i	-4.4486-2.3737i	-5.1037+2.7210i	6.9883-6.7482i
51.0	-0.0252+0.2226i	0.2721+0.1707i	0.0667+0.1322i	0.0602+0.1537i	7.9420+1.2672i	-4.4498-2.4924i	-5.2022+2.7766i	6.9942-6.9282i
51.1	-0.0679+0.2153i	0.2497+0.1576i	0.0425+0.1248i	0.0361+0.1451i	7.9917+1.1589i	-4.3553-2.3837i	-5.5745+2.6852i	6.9271-7.1559i
51.2	-0.0868+0.2603i	0.2305+0.1683i	0.0276+0.1455i	0.0189+0.1662i	7.7267+1.0396i	-4.5407-2.2618i	-5.7213+2.8871i	6.6244-7.4649i
51.3	-0.0708+0.3030i	0.2343+0.1824i	0.0343+0.1663i	0.0249+0.1881i	7.8585+1.0427i	-4.6147-2.5555i	-5.6816+3.2229i	6.4535-7.6422i
51.4	-0.0320+0.3137i	0.2542+0.1796i	0.0561+0.1678i	0.0486+0.1917i	8.0399+1.0648i	-4.7232-2.4972i	-5.6351+3.2943i	6.5076-7.8628i
51.5	-0.0475+0.2452i	0.2407+0.1411i	0.0471+0.1315i	0.0422+0.1544i	8.1133+1.1218i	-4.8709-2.3403i	-5.7844+2.9269i	6.2361-7.8933i
51.6	-0.0960+0.2635i	0.2117+0.1455i	0.0181+0.1399i	0.0112+0.1628i	8.4685+0.9562i	-4.8645-2.4268i	-6.0767+3.0783i	5.9848-7.8917i
51.7	-0.0953+0.3345i	0.2075+0.1884i	0.0188+0.1780i	0.0078+0.2010i	8.7562+1.0136i	-5.1671-2.4152i	-6.1087+3.4516i	5.5381-7.9681i
51.8	-0.0782+0.3388i	0.2211+0.1859i	0.0297+0.1798i	0.0195+0.2034i	8.6428+0.9802i	-5.2799-2.2623i	-6.0357+3.4079i	5.4057-7.8086i
51.9	-0.0946+0.3363i	0.2126+0.1649i	0.0197+0.1731i	0.0089+0.1975i	8.7590+0.8681i	-5.3328-2.1991i	-6.2328+3.4507i	5.2459-8.0389i
52.0	-0.1266+0.3506i	0.1945+0.1589i	0.0018+0.1765i	-0.0081+0.2011i	9.0580+0.9042i	-5.6130-2.2882i	-6.4415+3.6654i	4.7967-8.4202i
52.1	-0.1027+0.4171i	0.1948+0.1850i	0.0102+0.2071i	-0.0004+0.2343i	9.0973+0.7887i	-5.7680-2.2363i	-6.4103+4.0395i	4.5393-8.3217i
52.2	-0.0704+0.4295i	0.2000+0.1926i	0.0219+0.2124i	0.0123+0.2428i	9.0694+0.8769i	-5.8321-2.1635i	-6.3281+4.0889i	4.5901-8.2283i
52.3	-0.0333+0.4377i	0.2144+0.1991i	0.0400+0.2189i	0.0322+0.2505i	9.5302+0.6884i	-5.9082-2.1965i	-6.1881+4.3349i	4.4849-8.4638i
52.4	-0.0317+0.4066i	0.2161+0.1822i	0.0402+0.2030i	0.0347+0.2345i	9.7671+0.2312i	-6.0761-2.2137i	-6.1027+4.2648i	4.3095-8.5566i
52.5	-0.0629+0.4578i	0.1978+0.1999i	0.0229+0.2263i	0.0168+0.2591i	9.9028+0.1393i	-6.2607-2.2019i	-6.3483+4.5266i	4.0040-8.5486i
52.6	-0.0344+0.4706i	0.2041+0.2009i	0.0349+0.2309i	0.0290+0.2645i	9.8154-0.0520i	-6.3878-2.0181i	-6.2705+4.6064i	3.7231-8.5185i
52.7	-0.0275+0.4233i	0.1920+0.1770i	0.0320+0.2073i	0.0278+0.2394i	10.1106+0.0142i	-6.5349-1.8914i	-6.2020+4.4221i	3.3812-8.3749i
52.8	-0.0819+0.4599i	0.1563+0.1985i	0.0010+0.2278i	-0.0047+0.2600i	10.5218+0.1873i	-6.5382-1.7112i	-6.6724+4.7071i	3.1530-8.2626i
52.9	-0.0601+0.5364i	0.1665+0.2422i	0.0108+0.2677i	0.0061+0.3043i	10.5877-0.1351i	-6.5982-1.8124i	-6.6278+5.1329i	3.3156-8.2190i
53.0	0.0003+0.5606i	0.1940+0.2586i	0.0392+0.2813i	0.0375+0.3206i	10.5786-0.4768i	-6.7769-1.8548i	-6.3953+5.3736i	3.2337-8.4197i
53.1	0.0241+0.5671i	0.1992+0.2740i	0.0495+0.2892i	0.0487+0.3303i	10.7013-0.4624i	-6.8822-1.7039i	-6.3576+5.5001i	2.9673-8.3196i
53.2	0.0489+0.5793i	0.2168+0.2986i	0.0638+0.3011i	0.0647+0.3444i	10.9014-0.4935i	-7.1563-1.5942i	-6.1643+5.7212i	2.5867-8.3573i
53.3	0.0798+0.5452i	0.2511+0.2839i	0.0847+0.2841i	0.0892+0.3270i	11.1332-0.5586i	-7.2356-1.5573i	-5.9920+5.6710i	2.3096-8.4414i
53.4	0.0430+0.5181i	0.2472+0.2563i	0.0698+0.2662i	0.0743+0.3079i	11.2888-0.8267i	-7.2452-1.4669i	-6.2355+5.4914i	2.1607-8.0952i
53.5	0.0411+0.6111i	0.2325+0.2825i	0.0618+0.3059i	0.0665+0.3532i	11.5402-1.2115i	-7.2946-1.4125i	-6.5040+6.0414i	2.2562-8.0859i
53.6	0.0971+0.5946i	0.2457+0.2792i	0.0843+0.2991i	0.0934+0.3493i	11.5651-1.2361i	-7.4158-1.3419i	-6.3381+6.2149i	2.0594-8.1620i
53.7	0.0747+0.6054i	0.2412+0.3044i	0.0742+0.3126i	0.0862+0.3628i	12.0174-1.4537i	-7.5795-1.2798i	-6.4249+6.4666i	1.8314-7.9638i
53.8	0.0381+0.6132i	0.2385+0.2999i	0.0605+0.3142i	0.0738+0.3650i	12.0870-1.9216i	-7.7558-1.2046i	-6.5087+6.5553i	1.7923-7.8578i
53.9	0.0425+0.7407i	0.2302+0.3557i	0.0596+0.3771i	0.0737+0.4326i	12.3029-2.3325i	-7.7981-1.0885i	-6.4905+7.3586i	1.7377-7.7873i
54.0	0.1657+0.8114i	0.2984+0.4017i	0.1219+0.4154i	0.1439+0.4754i	12.1819-2.5311i	-7.8465-1.0596i	-5.9395+7.8750i	1.7135-7.8628i
54.1	0.2788+0.7789i	0.3692+0.3826i	0.1821+0.3981i	0.2119+0.4565i	12.1272-2.8722i	-7.8715-0.9612i	-5.3390+7.9262i	1.4454-7.8629i
54.2	0.2597+0.6589i	0.3697+0.3057i	0.1716+0.3335i	0.2079+0.3873i	12.4294-2.6513i	-8.0326-0.8269i	-5.4248+7.4146i	1.2954-7.7808i
54.3	0.2119+0.7441i	0.3320+0.3406i	0.1412+0.3763i	0.1796+0.4293i	12.6371-2.8947i	-8.0879-0.7823i	-5.6933+7.8454i	1.3222-7.5273i
54.4	0.3462+0.8087i	0.3938+0.3771i	0.2071+0.4126i	0.2542+0.4662i	12.6220-3.3677i	-8.1069-0.8482i	-5.0270+8.5877i	1.4209-7.7670i
54.5	0.4429+0.7995i	0.4468+0.3731i	0.2560+0.4110i	0.3114+0.4611i	12.2964-3.9816i	-8.3426-0.8225i	-4.4853+8.7474i	1.2684-8.0026i
54.6	0.5094+0.7328i	0.4879+0.3410i	0.2916+0.3803i	0.3527+0.4226i	12.3956-3.9228i	-8.4677-0.6679i	-4.0860+8.5166i	0.8408-8.0496i
54.7	0.5195+0.6474i	0.5078+0.2970i	0.3011+0.3373i	0.3630+0.3731i	12.7114-3.7747i	-8.5011-0.4751i	-3.9991+8.0254i	0.5993-7.7250i
54.8	0.4353+0.6517i	0.4609+0.2623i	0.2554+0.3307i	0.3166+0.3599i	13.0252-4.3839i	-8.5282-0.3207i	-4.2673+8.1253i	0.5112-7.3365i
54.9	0.5007+0.7284i	0.4666+0.2925i	0.2795+0.3719i	0.3434+0.3954i	12.7533-4.9901i	-8.5618-0.1844i	-3.7754+8.7331i	0.4064-7.3314i
55.0	0.5850+0.6948i	0.4991+0.2864i	0.3217+0.3626i	0.3861+0.3782i	12.6118-5.1730i	-8.7191-0.0929i	-3.2333+8.5763i	0.0389-7.3104i
55.1	0.6227+0.6438i	0.5141+0.2735i	0.3413+0.3441i	0.4038+0.3509i	12.7403-5.0292i	-8.8332-0.0753i	-2.9937+8.2331i	-0.2729-7.1462i
55.2	0.6403+0.5944i	0.5220+0.2554i	0.3524+0.3207i	0.4112+0.3234i	12.6814-5.2242i	-8.8625-0.1785i	-2.8218+7.8597i	-0.2237-6.6828i
55.3	0.6732+0.5543i	0.5427+0.2407i	0.3724+0.3029i	0.4281+0.3026i	13.0357-5.6059i	-8.8958+0.1145i	-2.8019+7.5640i	-0.4058-6.3388i
55.4	0.6442+0.4991i	0.5338+0.2122i	0.3589+0.2759i	0.4103+0.2730i	13.3050-5.8194i	-9.0828+0.1565i	-3.1176+7.3635i	-0.2966-5.9889i
55.5	0.6209+0.5117i	0.5216+0.2153i	0.3472+0.2829i	0.3972+0.2809i	13.4060-6.4596i	-9.0737+0.1565i	-3.3679+7.8549i	-0.0583-5.9389i
55.6	0.6749+0.5377i	0.5515+0.2368i	0.3778+0.2997i	0.4270+0.2970i	13.6695-6.6161i	-9.2298+0.2711i	-3.1536+8.1510i	-0.0717-5.9311i
55.7	0.7191+0.5070i	0.5820+0.2285i	0.4042+0.2866i	0.4522+0.2819i	13.6389-6.8571i	-9.2725+0.3591i	-2.9241+7.9005i	-0.0069-5.6677i
55.8	0.7472+0.4696i	0.6045+0.2138i	0.4215+0.2697i	0.4676+0.2632i	13.7347-7.3659i	-9.3940+0.5314i	-2.8240+7.7197i	0.0953-5.3583i
55.9	0.7427+0.4280i	0.6101+0.1884i	0.4209+0.2470i	0.4660+0.2403i	13.8432-7.4481i	-9.4781+0.6317i	-2.9062+7.6230i	0.2405-5.1784i
56.0	0.7237+0.4088i	0.6014+0.1731i	0.4115+0.2379i	0.4543+0.2291i	14.0603-8.1621i	-9.5419+0.5719i	-3.0499+7.8556i	0.3797-5.0263i

56.1	0.7115+0.4490i	0.5923+0.1958i	0.4071+0.2608i	0.4489+0.2524i	13.9414-8.6927i	-9.6218+0.6609i	-3.0395+8.4255i	0.6083-5.1432i
56.2	0.7709+0.4231i	0.6340+0.1842i	0.4431+0.2480i	0.4855+0.2369i	13.6949-8.7166i	-9.7987+0.8863i	-2.6170+8.3261i	0.4812-5.2486i
56.3	0.8118+0.3878i	0.6725+0.1641i	0.4685+0.2311i	0.5105+0.2181i	14.2842-8.6153i	-10.0042+0.9519i	-2.6681+8.2981i	0.7431-5.1604i
56.4	0.8121+0.3570i	0.6798+0.1414i	0.4708+0.2154i	0.5113+0.2002i	14.2426-8.8524i	-10.0872+1.0186i	-2.8045+8.2656i	1.0123-5.0962i
56.5	0.8158+0.3262i	0.6835+0.1180i	0.4743+0.1973i	0.5136+0.1805i	14.1315-9.6165i	-10.2347+1.0736i	-2.6454+8.2680i	0.9934-4.8752i
56.6	0.8219+0.2846i	0.6910+0.0914i	0.4807+0.1748i	0.5176+0.1584i	13.4936-10.3554i	-10.2875+1.1946i	-2.4966+8.3354i	1.1159-4.9635i
56.7	0.8519+0.2460i	0.7162+0.0612i	0.5011+0.1548i	0.5343+0.1360i	13.9698-11.0622i	-10.2832+1.4166i	-2.3358+8.6428i	1.1365-5.1634i
56.8	0.8508+0.2207i	0.7217+0.0444i	0.5025+0.1415i	0.5357+0.1214i	14.1788-11.0839i	-10.4618+1.4476i	-2.3435+8.6605i	1.2638-5.2390i
56.9	0.8496+0.1756i	0.7263+0.0105i	0.5047+0.1164i	0.5364+0.0945i	13.9513-11.9780i	-10.6579+1.5733i	-2.2207+8.6594i	1.5015-5.3152i
57.0	0.8372+0.1505i	0.7212-0.0107i	0.5002+0.1020i	0.5307+0.0798i	13.8610-12.1302i	-10.8002+1.6758i	-2.2219+8.7351i	1.5478-5.3457i
57.1	0.8200+0.1348i	0.7122-0.0320i	0.4917+0.0900i	0.5213+0.0692i	13.9778-12.8900i	-10.8104+1.8624i	-2.3716+9.0582i	1.7023-5.4623i
57.2	0.8001+0.1571i	0.7009-0.0210i	0.4834+0.1038i	0.5113+0.0822i	13.4324-13.5263i	-11.0179+2.0162i	-2.2366+9.3610i	1.9582-5.5440i
57.3	0.8411+0.1777i	0.7305-0.0082i	0.5111+0.1158i	0.5368+0.0928i	12.9026-14.0509i	-11.1913+2.1196i	-1.8210+9.6702i	1.9967-5.7725i
57.4	0.8664+0.1330i	0.7445-0.0396i	0.5265+0.0908i	0.5490+0.0660i	12.5711-14.3454i	-11.2282+2.3048i	-1.3185+9.4809i	1.7632-5.8415i
57.5	0.8741+0.0860i	0.7510-0.0750i	0.5319+0.0641i	0.5541+0.0375i	12.4131-15.0929i	-11.3586+2.4004i	-1.1048+9.3688i	1.7787-5.8227i
57.6	0.8876+0.0425i	0.7714-0.1138i	0.5460+0.0370i	0.5655+0.0113i	12.2447-15.9711i	-11.6818+2.6716i	-1.0821+9.4694i	1.9666-5.9541i
57.7	0.8811-0.0154i	0.7622-0.1609i	0.5441+0.0016i	0.5604-0.0230i	11.4994-16.6653i	-11.6546+2.9022i	-0.7553+9.5866i	1.9113-6.2155i
57.8	0.8808-0.0516i	0.7613-0.1879i	0.5451-0.0187i	0.5596-0.0420i	11.2568-17.4131i	-11.7195+3.0014i	-0.5836+9.6569i	1.8657-6.2546i
57.9	0.8428-0.0603i	0.7343-0.1928i	0.5229-0.0246i	0.5375-0.0478i	10.4643-17.2766i	-11.9811+3.1748i	-0.5867+9.3895i	1.9314-6.2917i
58.0	0.8365-0.1143i	0.7292-0.2340i	0.5224-0.0563i	0.5346-0.0803i	9.6807-17.7587i	-12.1400+3.3409i	0.0910+9.4320i	1.5920-6.3775i
58.1	0.8330-0.1404i	0.7310-0.2604i	0.5236-0.0726i	0.5347-0.0960i	9.4611-18.0814i	-12.2472+3.6707i	0.2313+9.5794i	1.4931-6.6975i
58.2	0.7960-0.1840i	0.7027-0.3000i	0.5050-0.1017i	0.5151-0.1224i	8.2205-18.8683i	-12.2964+3.8700i	0.5304+9.4805i	1.5197-6.7553i
58.3	0.7696-0.2161i	0.6840-0.3226i	0.4916-0.1180i	0.5018-0.1400i	7.2449-19.7764i	-12.5722+4.0075i	0.8221+9.5881i	1.3864-6.9306i
58.4	0.7565-0.2244i	0.6841-0.3250i	0.4886-0.1215i	0.4983-0.1440i	7.1083-19.6720i	-12.7128+3.9601i	0.8936+9.5894i	1.3057-6.8104i
58.5	0.7097-0.2420i	0.6516-0.3445i	0.4637-0.1370i	0.4737-0.1574i	5.8523-20.0325i	-12.8862+4.1451i	1.3743+9.4903i	1.1213-6.8651i
58.6	0.7006-0.2663i	0.6384-0.3737i	0.4599-0.1555i	0.4688-0.1765i	4.2976-20.1863i	-12.8628+4.6653i	2.1040+9.4385i	0.7478-7.2878i
58.7	0.7149-0.2722i	0.6553-0.3789i	0.4717-0.1584i	0.4773-0.1803i	4.5391-20.1037i	-12.8268+5.0430i	2.1564+9.3841i	0.5373-7.4460i
58.8	0.6902-0.3054i	0.6385-0.4132i	0.4608-0.1824i	0.4639-0.2030i	3.4062-20.0347i	-13.0007+5.4896i	2.4620+9.1092i	0.4797-7.6135i
58.9	0.6423-0.3330i	0.6071-0.4339i	0.4364-0.2019i	0.4408-0.2181i	2.2499-19.8458i	-13.0977+5.4631i	2.7439+8.7016i	0.4277-7.1512i
59.0	0.6129-0.3244i	0.5912-0.4364i	0.4205-0.2015i	0.4257-0.2173i	1.6996-19.5115i	-13.2131+5.6226i	2.7359+8.3847i	0.2423-7.1511i
59.1	0.5883-0.3272i	0.5796-0.4536i	0.4104-0.2079i	0.4143-0.2244i	1.1324-19.2382i	-13.5210+5.8682i	2.7668+8.1938i	0.3638-7.0346i
59.2	0.5634-0.3427i	0.5542-0.4826i	0.3952-0.2238i	0.3988-0.2404i	0.3262-19.3211i	-13.6701+6.3404i	3.0932+8.0020i	0.1700-7.1189i
59.3	0.5413-0.3455i	0.5309-0.4966i	0.3817-0.2310i	0.3836-0.2476i	-0.0199-19.1825i	-13.7710+6.7550i	3.3027+7.7992i	0.0134-7.1380i
59.4	0.5115-0.3384i	0.5031-0.5029i	0.3638-0.2314i	0.3643-0.2482i	-0.6147-18.5552i	-13.6676+7.2798i	3.3984+7.5209i	-0.1220-7.2127i
59.5	0.4847-0.3311i	0.4767-0.5036i	0.3468-0.2305i	0.3478-0.2480i	-1.3992-18.1447i	-13.7616+7.6138i	3.3441+7.3012i	-0.2366-7.2436i
59.6	0.4663-0.3348i	0.4510-0.5163i	0.3342-0.2390i	0.3348-0.2542i	-2.3355-17.9469i	-13.7160+8.1180i	3.5511+7.1470i	-0.4476-7.3106i
59.7	0.4421-0.3289i	0.4221-0.5200i	0.3180-0.2403i	0.3173-0.2547i	-3.1371-17.0214i	-13.6862+8.6434i	3.7591+6.7762i	-0.4846-7.3119i
59.8	0.4019-0.3036i	0.3846-0.5064i	0.2923-0.2294i	0.2915-0.2450i	-3.7204-15.7793i	-13.9570+9.0331i	3.7708+6.2351i	-0.5668-7.2973i
59.9	0.3896-0.3075i	0.3784-0.5242i	0.2877-0.2403i	0.2871-0.2560i	-3.5239-16.5972i	-13.6455+9.0105i	3.8209+6.2622i	-0.9228-7.0010i
60.0	0.3860-0.3191i	0.3685-0.5498i	0.2861-0.2564i	0.2861-0.2728i	-3.3614-17.0492i	-12.8014+9.2760i	3.9347+6.2715i	-1.5168-7.0390i
60.1	0.3911-0.2896i	0.3659-0.5325i	0.2854-0.2399i	0.2838-0.2537i	-3.7261-15.9744i	-13.4661+10.0919i	3.8646+6.1686i	-1.1295-7.1901i
60.2	0.3761-0.2565i	0.3441-0.5071i	0.2717-0.2178i	0.2688-0.2311i	-4.2296-14.7535i	-13.9987+10.8793i	3.6190+5.7544i	-0.6022-7.2298i
60.3	0.3673-0.2502i	0.3156-0.5078i	0.2598-0.2185i	0.2568-0.2308i	-4.6740-14.2604i	-13.5053+11.4205i	3.6846+5.4866i	-0.8898-7.4311i
60.4	0.3576-0.2354i	0.2904-0.5043i	0.2478-0.2157i	0.2442-0.2272i	-4.8175-13.4379i	-13.3427+11.9721i	3.6773+5.2778i	-1.0649-7.6285i
60.5	0.3681-0.2291i	0.2908-0.4987i	0.2518-0.2118i	0.2480-0.2232i	-4.6030-13.1136i	-13.3949+12.2189i	3.6020+5.3571i	-1.1528-7.6258i
60.6	0.3809-0.2252i	0.2798-0.4946i	0.2534-0.2092i	0.2484-0.2202i	-4.6976-12.8174i	-13.0685+12.9356i	3.6887+5.2322i	-1.4849-7.6509i
60.7	0.3932-0.2105i	0.2790-0.4641i	0.2563-0.1958i	0.2498-0.2060i	-4.4748-12.1461i	-12.7347+13.0617i	3.4999+4.9408i	-1.7647-7.4582i
60.8	0.3926-0.2100i	0.2730-0.4572i	0.2539-0.1946i	0.2469-0.2059i	-4.7194-11.9558i	-12.6120+13.4112i	3.4271+4.7409i	-1.8215-7.3239i
60.9	0.3815-0.2152i	0.2663-0.4619i	0.2483-0.2000i	0.2411-0.2102i	-5.1941-11.4412i	-12.2028+14.0338i	3.4890+4.4989i	-2.0144-7.2253i
61.0	0.3892-0.2170i	0.2752-0.4731i	0.2542-0.2050i	0.2456-0.2138i	-4.8889-11.2115i	-11.9863+14.5414i	3.4622+4.5143i	-2.1429-7.2893i
61.1	0.3822-0.2098i	0.2713-0.4765i	0.2498-0.2043i	0.2394-0.2145i	-4.6832-10.8209i	-11.9768+15.2113i	3.2608+4.4377i	-2.1486-7.3785i
61.2	0.3807-0.2183i	0.2545-0.4891i	0.2437-0.2120i	0.2329-0.2207i	-4.4577-10.2694i	-11.4107+15.5717i	3.2927+4.3542i	-2.5197-7.4733i
61.3	0.3727-0.2249i	0.2389-0.4928i	0.2365-0.2177i	0.2257-0.2254i	-4.9421-10.2870i	-10.9602+15.9102i	3.3166+4.1026i	-2.7099-7.1554i
61.4	0.3872-0.2191i	0.2457-0.4892i	0.2425-0.2151i	0.2310-0.2217i	-4.6000-10.6382i	-10.8942+16.1411i	3.0948+3.9929i	-2.6176-6.8879i
61.5	0.3940-0.2112i	0.2461-0.4894i	0.2441-0.2127i	0.2311-0.2176i	-4.2799-10.1811i	-10.2581+16.5573i	2.7923+4.0778i	-2.7409-6.8675i
61.6	0.3777-0.2059i	0.2228-0.4864i	0.2321-0.2103i	0.2185-0.2148i	-4.5997-9.7213i	-9.7976+16.7743i	2.6802+3.9287i	-2.8929-6.7454i
61.7	0.3791-0.2151i	0.2021-0.4979i	0.2251-0.2196i	0.2123-0.2218i	-4.6452-9.5288i	-9.2280+17.3679i	2.8942+3.7895i	-3.1566-6.8891i
61.8	0.3865-0.2083i	0.1932-0.5016i	0.2234-0.2210i	0.2111-0.2208i	-4.5478-9.1894i	-8.8265+17.7843i	2.8307+3.7668i	-3.2870-6.7149i
61.9	0.3907-0.2195i	0.1786-0.5078i	0.2215-0.2267i	0.2057-0.2263i	-4.7164-9.1559i	-7.9891+17.9993i	2.9216+3.6683i	-3.6164-6.6272i
62.0	0.3865-0.2265i	0.1589-0.5094i	0.2128-0.2308i	0.1987-0.2295i	-4.6233-8.9755i	-7.4414+18.1245i	3.0468+3.4882i	-3.8124-6.4323i
62.1	0.3946-0.2165i	0.1531-0.5012i	0.2116-0.2254i	0.1984-0.2229i	-4.6104-8.6516i	-7.1183+18.4027i	2.8247+3.3861i	-3.6599-6.3502i
62.2	0.4046-0.2196i	0.1454-0.5041i	0.2124-0.2288i	0.1988-0.2241i	-4.4927-8.7784i	-6.8027+18.6370i	2.7028+3.4960i	-3.6516-6.2666i
62.3	0.4131-0.2411i	0.1324-0.5137i	0.2103-0.2395i	0.1990-0.2337i	-4.4498-8.6237i	-6.0239+18.8532i	2.8035+3.5472i	-3.9720-5.9996i

62.4	0.4016-0.2632i	0.1043-0.5059i	0.1962-0.2444i	0.1860-0.2394i	-4.4125-8.4970i	-5.1975+18.6891i	2.8136+3.2417i	-4.3593-5.8808i
62.5	0.4060-0.2720i	0.0936-0.5063i	0.1946-0.2493i	0.1831-0.2406i	-4.2200-8.7421i	-4.5577+18.7786i	2.7756+3.3291i	-4.4733-5.6768i
62.6	0.4072-0.2770i	0.0812-0.5077i	0.1908-0.2519i	0.1799-0.2427i	-4.1534-8.5961i	-4.1648+18.9633i	2.6666+3.2718i	-4.3893-5.5610i
62.7	0.4050-0.2740i	0.0705-0.4827i	0.1851-0.2431i	0.1740-0.2348i	-4.4759-7.7886i	-3.5465+18.6160i	2.3970+3.1301i	-4.4487-5.3303i
62.8	0.3963-0.2899i	0.0558-0.4825i	0.1762-0.2497i	0.1672-0.2396i	-4.6148-7.8185i	-2.9820+18.4656i	2.5018+3.1054i	-4.5918-5.0744i
62.9	0.3927-0.3179i	0.0301-0.4916i	0.1650-0.2627i	0.1599-0.2502i	-4.5225-8.4783i	-2.0795+18.5153i	2.6969+3.0062i	-4.7662-5.0142i
63.0	0.3890-0.3392i	0.0211-0.4833i	0.1607-0.2685i	0.1571-0.2535i	-4.2679-8.2435i	-1.7592+18.0864i	2.6720+2.8672i	-4.7993-4.6403i
63.1	0.3767-0.3362i	0.0099-0.4751i	0.1524-0.2649i	0.1489-0.2512i	-4.6011-7.8490i	-1.5184+18.4523i	2.4588+2.8255i	-4.6374-4.6389i
63.2	0.3876-0.3347i	0.0166-0.4604i	0.1571-0.2597i	0.1518-0.2438i	-4.1798-7.8945i	-1.1817+18.4382i	2.2781+2.8920i	-4.6660-4.3175i
63.3	0.3768-0.3389i	0.0005-0.4383i	0.1478-0.2538i	0.1425-0.2387i	-4.0804-7.2815i	-0.5191+18.2329i	2.1487+2.7782i	-4.7224-4.2263i
63.4	0.3620-0.3629i	-0.0183-0.4389i	0.1366-0.2615i	0.1332-0.2479i	-4.4516-7.5282i	0.2751+18.2325i	2.2294+2.7111i	-4.6834-4.2480i
63.5	0.3646-0.3695i	-0.0200-0.4336i	0.1365-0.2613i	0.1332-0.2477i	-4.3473-7.5201i	0.6194+18.5131i	2.1650+2.7795i	-4.6247-4.0273i
63.6	0.3636-0.3812i	-0.0147-0.4266i	0.1378-0.2647i	0.1340-0.2464i	-4.3567-7.4823i	1.0851+18.1441i	2.1247+2.8933i	-4.8048-3.6262i
63.7	0.3516-0.3897i	-0.0032-0.4134i	0.1364-0.2632i	0.1343-0.2434i	-3.8567-7.4692i	1.4217+17.5761i	1.9778+2.7910i	-4.7990-3.3764i
63.8	0.3230-0.4014i	-0.0249-0.4063i	0.1182-0.2658i	0.1212-0.2471i	-4.2277-7.5282i	1.8330+17.0084i	2.0799+2.6048i	-4.6231-3.2927i
63.9	0.3094-0.4058i	-0.0297-0.4051i	0.1121-0.2663i	0.1151-0.2486i	-4.2926-7.3348i	1.8765+16.7352i	2.1205+2.7062i	-4.6701-3.1902i
64.0	0.2907-0.4182i	-0.0338-0.3977i	0.1033-0.2687i	0.1086-0.2493i	-4.4031-7.3047i	2.3922+16.4326i	2.1415+2.6114i	-4.7262-3.0124i
64.1	0.2884-0.4076i	-0.0266-0.3820i	0.1042-0.2611i	0.1082-0.2401i	-3.9767-6.9196i	2.6671+16.2986i	1.9002+2.6392i	-4.8284-2.9101i
64.2	0.2609-0.4036i	-0.0380-0.3658i	0.0904-0.2539i	0.0956-0.2353i	-4.0002-6.3996i	2.9729+15.8121i	1.7295+2.5255i	-4.8948-2.7850i
64.3	0.2477-0.4056i	-0.0437-0.3642i	0.0839-0.2535i	0.0897-0.2349i	-4.3310-6.5847i	3.0825+15.9058i	1.7088+2.4904i	-4.7172-2.5503i
64.4	0.2436-0.4066i	-0.0354-0.3619i	0.0847-0.2524i	0.0916-0.2337i	-4.2421-6.7133i	3.2723+15.8393i	1.6587+2.5652i	-4.6120-2.3258i
64.5	0.2427-0.3980i	-0.0264-0.3545i	0.0871-0.2474i	0.0929-0.2268i	-3.5284-6.5356i	3.8727+15.8099i	1.5927+2.7126i	-4.7661-2.1404i
64.6	0.2248-0.4022i	-0.0317-0.3598i	0.0794-0.2514i	0.0857-0.2308i	-3.8803-6.3009i	4.2354+15.6573i	1.5308+2.6609i	-4.4890-2.0429i
64.7	0.2087-0.3909i	-0.0382-0.3558i	0.0720-0.2467i	0.0789-0.2257i	-3.8455-6.1999i	4.2086+15.2884i	1.4594+2.6376i	-4.4548-1.8850i
64.8	0.1974-0.3812i	-0.0447-0.3455i	0.0651-0.2412i	0.0732-0.2205i	-4.0742-6.2448i	4.4205+15.1159i	1.3867+2.5086i	-4.3268-1.7795i
64.9	0.1946-0.3899i	-0.0416-0.3535i	0.0639-0.2456i	0.0770-0.2232i	-4.2187-6.5025i	4.7107+14.4059i	1.5135+2.6308i	-4.3198-1.4469i
65.0	0.1845-0.3886i	-0.0469-0.3500i	0.0584-0.2438i	0.0721-0.2221i	-4.3947-6.2396i	4.9718+14.1536i	1.4890+2.6125i	-4.2182-1.3500i
65.1	0.1633-0.3795i	-0.0601-0.3397i	0.0465-0.2373i	0.0611-0.2185i	-4.6350-6.1990i	5.0645+13.7246i	1.5626+2.4305i	-4.1763-1.3692i
65.2	0.1635-0.3737i	-0.0625-0.3375i	0.0459-0.2351i	0.0616-0.2168i	-4.1837-6.1276i	5.4074+13.8286i	1.5397+2.5367i	-4.1704-1.2298i
65.3	0.1672-0.3612i	-0.0549-0.3280i	0.0501-0.2278i	0.0639-0.2095i	-3.9595-5.9378i	5.2284+13.6242i	1.3498+2.5273i	-4.1585-1.0457i
65.4	0.1576-0.3598i	-0.0602-0.3260i	0.0428-0.2261i	0.0601-0.2085i	-3.9609-5.7868i	5.1746+12.7526i	1.4458+2.5108i	-4.1184-0.9281i
65.5	0.1495-0.3529i	-0.0693-0.3201i	0.0370-0.2222i	0.0535-0.2062i	-4.0819-5.3623i	5.7247+12.6854i	1.3687+2.5544i	-3.9492-0.9620i
65.6	0.1406-0.3514i	-0.0801-0.3153i	0.0298-0.2201i	0.0477-0.2044i	-4.3052-5.4693i	6.0543+12.4278i	1.4035+2.4915i	-3.7972-0.8525i
65.7	0.1348-0.3508i	-0.0863-0.3084i	0.0259-0.2168i	0.0436-0.2030i	-4.6215-5.2993i	6.0418+12.1902i	1.3355+2.4394i	-3.6994-0.8298i
65.8	0.1304-0.3526i	-0.0915-0.3072i	0.0215-0.2171i	0.0422-0.2039i	-4.3866-4.8723i	5.9786+11.6819i	1.4846+2.3744i	-3.6912-0.7971i
65.9	0.1296-0.3594i	-0.0951-0.3137i	0.0198-0.2235i	0.0425-0.2074i	-4.3762-5.3061i	6.1022+11.2834i	1.5686+2.3170i	-3.5396-0.7192i
66.0	0.1354-0.3574i	-0.0899-0.3059i	0.0228-0.2200i	0.0463-0.2024i	-4.0961-5.4740i	6.4732+10.8865i	1.4344+2.5306i	-3.5305-0.5721i
66.1	0.1258-0.3532i	-0.0964-0.2941i	0.0163-0.2133i	0.0418-0.1995i	-4.2528-5.2434i	6.5014+10.8140i	1.3688+2.4648i	-3.3949-0.5185i
66.2	0.1293-0.3544i	-0.0888-0.2912i	0.0188-0.2142i	0.0467-0.1970i	-3.9490-5.7158i	6.4382+10.2446i	1.6107+2.4646i	-3.4263-0.2846i
66.3	0.1266-0.3500i	-0.0888-0.2847i	0.0189-0.2096i	0.0436-0.1936i	-4.2023-5.2002i	6.6376+10.6719i	1.4119+2.4511i	-3.1577-0.1131i
66.4	0.1085-0.3456i	-0.0989-0.2747i	0.0110-0.2029i	0.0353-0.1927i	-4.5002-4.8361i	6.2963+10.6436i	1.2859+2.2678i	-3.1029-0.0960i
66.5	0.0919-0.3647i	-0.1106-0.2818i	-0.0006-0.2113i	0.0298-0.2041i	-4.7598-5.1621i	6.2955+9.9143i	1.5407+2.0182i	-3.0041-0.1635i
66.6	0.0972-0.3765i	-0.1106-0.2925i	-0.0004-0.2203i	0.0330-0.2093i	-4.5367-5.4913i	6.6898+9.6972i	1.6460+2.1865i	-2.7484-0.1015i
66.7	0.0814-0.3462i	-0.1124-0.2585i	-0.0049-0.1994i	0.0202-0.1910i	-4.4838-4.4473i	6.8757+9.8408i	1.2658+2.1233i	-2.7683-0.0205i
66.8	0.0814-0.3439i	-0.1037-0.2576i	-0.0022-0.1983i	0.0214-0.1891i	-4.0693-4.5205i	6.5955+9.6816i	1.2042+2.1554i	-2.7673+0.1496i
66.9	0.0898-0.3387i	-0.0930-0.2555i	0.0026-0.1959i	0.0278-0.1856i	-3.5687-4.6142i	6.3935+9.1338i	1.3492+2.1310i	-2.7975+0.1914i
67.0	0.0757-0.3520i	-0.1022-0.2583i	-0.0055-0.2015i	0.0240-0.1927i	-3.6482-4.7877i	6.5513+8.5892i	1.3957+2.0498i	-2.5917+0.1405i
67.1	0.0585-0.3487i	-0.1135-0.2500i	-0.0159-0.1972i	0.0164-0.1902i	-4.2439-4.3977i	6.4972+8.4849i	1.2851+1.9190i	-2.5079+0.2460i
67.2	0.0522-0.3381i	-0.1115-0.2382i	-0.0184-0.1889i	0.0125-0.1835i	-4.2483-4.3180i	6.4159+8.6053i	1.1351+1.8254i	-2.4120+0.3918i
67.3	0.0484-0.3457i	-0.1159-0.2443i	-0.0217-0.1931i	0.0122-0.1873i	-4.0819-4.4582i	6.6839+7.8193i	1.2689+1.8851i	-2.2584+0.2408i
67.4	0.0350-0.3358i	-0.1158-0.2357i	-0.0249-0.1872i	0.0062-0.1830i	-4.1041-4.1306i	6.6508+7.8831i	1.1513+1.8541i	-2.1816+0.3806i
67.5	0.0254-0.3209i	-0.1155-0.2252i	-0.0281-0.1788i	0.0009-0.1754i	-4.2107-3.6430i	6.5364+8.0287i	1.0004+1.7989i	-2.0825+0.5068i
67.6	0.0186-0.3232i	-0.1170-0.2274i	-0.0315-0.1785i	-0.0005-0.1770i	-4.1229-4.3377i	6.4943+7.6997i	1.0603+1.6229i	-2.0279+0.5229i
67.7	0.0145-0.3234i	-0.1172-0.2312i	-0.0341-0.1808i	-0.0008-0.1784i	-4.1790-4.5407i	6.4252+7.2667i	1.0678+1.6920i	-2.0510+0.4546i
67.8	0.0106-0.3110i	-0.1163-0.2232i	-0.0355-0.1743i	-0.0023-0.1714i	-4.1358-4.1376i	6.4913+7.1083i	0.9351+1.7371i	-1.8754+0.4650i
67.9	0.0045-0.3143i	-0.1241-0.2242i	-0.0413-0.1748i	-0.0049-0.1730i	-4.3477-4.2067i	6.5746+6.9895i	0.8728+1.6232i	-1.7219+0.5215i
68.0	0.0016-0.2874i	-0.1206-0.2086i	-0.0404-0.1612i	-0.0077-0.1598i	-3.7431-3.9604i	6.6659+7.1903i	0.7763+1.7036i	-1.5559+0.7308i
68.1	-0.0052-0.2907i	-0.1244-0.2101i	-0.0452-0.1619i	-0.0094-0.1630i	-3.7300-4.1545i	6.1561+6.8404i	0.8991+1.6657i	-1.6550+0.7890i
68.2	-0.0124-0.2896i	-0.1271-0.2099i	-0.0488-0.1625i	-0.0127-0.1629i	-4.1038-3.6699i	6.1300+6.7895i	0.7871+1.7178i	-1.5078+0.9406i
68.3	-0.0149-0.2684i	-0.1255-0.1970i	-0.0499-0.1509i	-0.0147-0.1511i	-3.8345-3.3267i	6.2266+6.4184i	0.7242+1.7041i	-1.4340+0.8296i
68.4	-0.0208-0.2693i	-0.1304-0.1961i	-0.0540-0.1484i	-0.0167-0.1531i	-3.9900-3.1959i	6.1964+6.2437i	0.7171+1.6940i	-1.3627+0.7783i
68.5	-0.0204-0.2612i	-0.1257-0.1911i	-0.0528-0.1443i	-0.0166-0.1499i	-3.7613-3.2297i	5.9840+6.1132i	0.6876+1.6885i	-1.2760+0.8173i
68.6	-0.0132-0.2494i	-0.1179-0.1827i	-0.0477-0.1382i	-0.0132-0.1414i	-3.6634-3.0061i	6.2657+6.0656i	0.5453+1.6782i	-0.8920+0.8765i

68.7	-0.0191-0.2451i	-0.1246-0.1823i	-0.0538-0.1359i	-0.0157-0.1408i	-3.8057-3.1864i	6.2532+5.7809i	0.5173+1.6062i	-0.8711+0.9091i
68.8	-0.0202-0.2332i	-0.1209-0.1769i	-0.0533-0.1306i	-0.0150-0.1347i	-3.5112-3.2109i	6.0852+5.5139i	0.4936+1.6931i	-0.9570+0.8744i
68.9	-0.0307-0.2272i	-0.1248-0.1666i	-0.0595-0.1227i	-0.0186-0.1328i	-3.4459-2.8552i	5.6121+5.6227i	0.4912+1.5386i	-0.9463+1.1346i
69.0	-0.0339-0.2307i	-0.1321-0.1727i	-0.0635-0.1244i	-0.0201-0.1368i	-3.7131-3.3586i	5.6686+5.3793i	0.5860+1.4786i	-0.7731+1.0051i
69.1	-0.0369-0.2260i	-0.1334-0.1675i	-0.0650-0.1203i	-0.0219-0.1348i	-3.5643-3.3201i	5.6087+5.0932i	0.5316+1.4556i	-0.7904+0.8096i
69.2	-0.0306-0.2146i	-0.1225-0.1652i	-0.0609-0.1162i	-0.0173-0.1302i	-3.4242-2.7657i	5.7134+5.2293i	0.2847+1.5607i	-0.4077+1.0237i
69.3	-0.0268-0.2076i	-0.1179-0.1648i	-0.0596-0.1119i	-0.0136-0.1290i	-3.4870-2.9554i	5.5549+4.9541i	0.2107+1.6187i	-0.3561+0.9961i
69.4	-0.0423-0.1962i	-0.1266-0.1532i	-0.0668-0.1026i	-0.0222-0.1248i	-3.7471-2.8451i	5.3756+4.6229i	0.2371+1.4225i	-0.6101+0.7534i
69.5	-0.0477-0.1909i	-0.1320-0.1538i	-0.0696-0.1006i	-0.0268-0.1256i	-3.9845-2.7356i	5.1752+4.7576i	0.2293+1.2851i	-0.5019+0.9112i
69.6	-0.0445-0.1870i	-0.1355-0.1558i	-0.0697-0.0985i	-0.0268-0.1254i	-3.8539-2.7529i	5.1669+4.6683i	0.1740+1.4534i	-0.1998+0.9138i
69.7	-0.0481-0.1828i	-0.1345-0.1580i	-0.0717-0.0979i	-0.0273-0.1256i	-3.4546-2.9748i	5.1944+4.5783i	0.2920+1.3426i	-0.0188+0.8608i
69.8	-0.0473-0.1764i	-0.1382-0.1521i	-0.0737-0.0926i	-0.0270-0.1214i	-3.3234-2.8001i	4.9928+4.3699i	0.2622+1.3752i	-0.0309+0.7588i
69.9	-0.0399-0.1711i	-0.1389-0.1464i	-0.0726-0.0862i	-0.0254-0.1183i	-3.3624-2.6442i	4.8242+4.3988i	0.2024+1.3096i	0.0845+0.7605i
70.0	-0.0366-0.1622i	-0.1302-0.1383i	-0.0688-0.0793i	-0.0222-0.1141i	-2.9222-2.3169i	4.5882+4.3564i	0.0603+1.3204i	0.0608+0.9075i
70.1	-0.0336-0.1549i	-0.1294-0.1346i	-0.0674-0.0733i	-0.0205-0.1130i	-2.7907-2.6648i	4.2191+4.5396i	0.0236+1.2262i	0.0040+1.1412i
70.2	-0.0351-0.1475i	-0.1405-0.1269i	-0.0716-0.0663i	-0.0248-0.1095i	-3.4067-2.6836i	4.1199+4.5029i	-0.0618+1.1321i	-0.0137+1.0613i
70.3	-0.0309-0.1432i	-0.1418-0.1244i	-0.0702-0.0621i	-0.0255-0.1077i	-3.3062-2.5627i	4.1487+4.5120i	-0.1994+1.1069i	0.1940+1.1348i
70.4	-0.0256-0.1348i	-0.1414-0.1186i	-0.0682-0.0536i	-0.0247-0.1048i	-3.0975-2.5870i	4.0023+4.5318i	-0.2970+1.0578i	0.3614+1.0670i
70.5	-0.0247-0.1239i	-0.1415-0.1085i	-0.0662-0.0444i	-0.0273-0.1020i	-2.8898-2.4345i	3.8407+4.6611i	-0.2644+1.0081i	0.3500+1.0728i
70.6	-0.0263-0.1193i	-0.1448-0.1021i	-0.0659-0.0371i	-0.0298-0.1002i	-2.9725-2.6328i	3.6265+4.3497i	-0.3767+0.9942i	0.0997+0.6240i
70.7	-0.0225-0.1182i	-0.1411-0.1004i	-0.0630-0.0344i	-0.0286-0.1000i	-2.8748-2.6145i	3.7567+4.5616i	-0.5076+1.0275i	0.5125+0.6617i
70.8	-0.0131-0.1156i	-0.1331-0.1007i	-0.0539-0.0313i	-0.0263-0.1001i	-2.9153-2.2504i	3.9878+5.3138i	-0.7357+1.1449i	1.0548+1.3461i
70.9	-0.0080-0.1051i	-0.1315-0.0862i	-0.0465-0.0215i	-0.0275-0.0936i	-3.0098-2.3842i	3.9739+5.4584i	-0.9490+1.0288i	0.8486+1.5370i
71.0	-0.0040-0.1009i	-0.1335-0.0760i	-0.0430-0.0142i	-0.0293-0.0914i	-2.9041-2.4785i	3.9497+5.4828i	-0.9913+0.9643i	0.8029+1.4217i
71.1	0.0041-0.0993i	-0.1186-0.0730i	-0.0305-0.0098i	-0.0286-0.0908i	-3.1132-2.5483i	3.6659+5.7781i	-1.3354+0.9506i	0.3685+1.4004i
71.2	0.0102-0.0945i	-0.1070-0.0741i	-0.0213-0.0077i	-0.0276-0.0890i	-3.1209-2.7343i	3.6501+6.0177i	-1.5524+0.9327i	0.1821+1.6365i
71.3	0.0164-0.0908i	-0.1058-0.0773i	-0.0146-0.0110i	-0.0296-0.0859i	-3.0518-2.7251i	4.2364+6.1794i	-1.6755+1.0679i	0.7674+1.8289i
71.4	0.0163-0.0893i	-0.0964-0.0762i	-0.0068-0.0127i	-0.0301-0.0845i	-2.8470-2.6130i	4.2948+6.3947i	-1.8466+1.1118i	0.8189+2.2644i
71.5	0.0212-0.0929i	-0.0980-0.0691i	-0.0037-0.0138i	-0.0294-0.0812i	-2.9760-2.6384i	4.6867+6.0485i	-1.9816+1.3563i	1.0086+1.9126i
71.6	0.0233-0.0948i	-0.0971-0.0701i	-0.0003-0.0146i	-0.0305-0.0801i	-2.9249-2.5899i	5.0651+6.1159i	-2.0723+1.4488i	1.4044+1.8781i
71.7	0.0258-0.0939i	-0.0959-0.0743i	0.0045-0.0200i	-0.0321-0.0765i	-3.0262-2.2924i	5.2339+5.8811i	-2.1171+1.6239i	1.2318+1.8929i
71.8	0.0308-0.0884i	-0.0962-0.0724i	0.0077-0.0238i	-0.0306-0.0695i	-3.1392-2.3383i	5.4385+5.7095i	-2.1505+1.7820i	1.6051+2.1469i
71.9	0.0311-0.0899i	-0.1044-0.0659i	0.0036-0.0262i	-0.0331-0.0660i	-3.0947-2.1981i	5.7023+5.5097i	-1.9000+1.7963i	2.0833+2.0497i
72.0	0.0408-0.0920i	-0.0960-0.0707i	0.0092-0.0289i	-0.0265-0.0683i	-3.0952-1.9868i	5.6913+5.4790i	-2.2502+2.1610i	2.4093+2.2254i
72.1	0.0423-0.0914i	-0.0949-0.0658i	0.0091-0.0282i	-0.0260-0.0646i	-3.0040-2.0132i	5.5832+5.4500i	-2.3662+2.0715i	2.1449+2.3922i
72.2	0.0380-0.0937i	-0.0978-0.0555i	0.0082-0.0288i	-0.0295-0.0597i	-3.1094-1.6546i	5.8919+5.0893i	-2.2226+2.1009i	2.3498+2.1713i
72.3	0.0419-0.0951i	-0.1017-0.0545i	0.0094-0.0311i	-0.0287-0.0572i	-3.2031-1.7956i	6.0715+4.7726i	-2.2265+2.3089i	2.6562+1.9678i
72.4	0.0473-0.0950i	-0.0998-0.0553i	0.0127-0.0329i	-0.0246-0.0559i	-3.3568-1.8753i	5.9548+4.8355i	-2.4139+2.4685i	2.6903+2.3678i
72.5	0.0516-0.0965i	-0.1038-0.0566i	0.0109-0.0344i	-0.0250-0.0573i	-3.1416-2.0375i	6.0166+4.6156i	-2.3580+2.6088i	3.0452+2.0786i
72.6	0.0553-0.0939i	-0.1011-0.0514i	0.0108-0.0315i	-0.0223-0.0532i	-2.9645-2.2165i	5.9419+4.4273i	-2.3253+2.5102i	3.1912+1.9850i
72.7	0.0511-0.0999i	-0.1018-0.0414i	0.0097-0.0313i	-0.0230-0.0497i	-3.0820-1.8877i	6.0284+4.2057i	-2.1534+2.9858i	3.5763+1.9908i
72.8	0.0569-0.0923i	-0.0953-0.0411i	0.0125-0.0302i	-0.0197-0.0467i	-2.9738-1.6493i	5.8992+3.9021i	-2.2667+3.0820i	3.3761+1.7407i
72.9	0.0577-0.0909i	-0.0925-0.0361i	0.0139-0.0289i	-0.0178-0.0449i	-2.7341-1.7644i	5.9017+3.6244i	-2.3123+2.9735i	3.3124+1.4663i
73.0	0.0586-0.0897i	-0.0905-0.0316i	0.0121-0.0294i	-0.0160-0.0412i	-2.5773-1.4634i	5.9297+3.4250i	-2.2887+3.0806i	3.6004+1.3571i
73.1	0.0548-0.0872i	-0.0812-0.0289i	0.0138-0.0278i	-0.0134-0.0384i	-2.5401-1.2619i	5.9894+3.5543i	-2.3791+3.0047i	4.2422+1.7015i
73.2	0.0515-0.0863i	-0.0794-0.0346i	0.0130-0.0278i	-0.0127-0.0404i	-2.5162-1.3784i	6.1119+3.5436i	-2.3175+3.2064i	4.9140+1.7493i
73.3	0.0598-0.0832i	-0.0783-0.0305i	0.0154-0.0289i	-0.0098-0.0374i	-2.3892-1.4970i	5.7814+3.1418i	-2.3864+3.4211i	4.1373+1.5589i
73.4	0.0629-0.0832i	-0.0750-0.0265i	0.0171-0.0290i	-0.0077-0.0342i	-2.5629-1.1574i	5.8043+3.0838i	-2.3516+3.4526i	4.3335+1.5595i
73.5	0.0629-0.0854i	-0.0662-0.0203i	0.0195-0.0262i	-0.0030-0.0335i	-2.5312-1.4043i	5.7639+2.9940i	-2.3732+3.5905i	4.6425+1.4942i
73.6	0.0671-0.0819i	-0.0640-0.0224i	0.0205-0.0241i	-0.0005-0.0336i	-2.4916-1.4072i	5.8676+3.0076i	-2.6106+3.5881i	5.2523+1.4893i
73.7	0.0731-0.0761i	-0.0664-0.0241i	0.0214-0.0240i	0.0005-0.0321i	-2.3690-1.3393i	5.8412+2.8402i	-2.6063+3.6044i	5.5166+1.1742i
73.8	0.0708-0.0726i	-0.0620-0.0272i	0.0222-0.0250i	0.0006-0.0311i	-2.2887-1.2705i	5.8131+2.6788i	-2.3481+3.6448i	5.7633+0.9581i
73.9	0.0722-0.0793i	-0.0568-0.0210i	0.0253-0.0245i	0.0026-0.0319i	-2.1603-1.1085i	5.8251+2.8200i	-2.2277+3.8425i	6.1127+1.3344i
74.0	0.0789-0.0813i	-0.0563-0.0184i	0.0280-0.0250i	0.0052-0.0338i	-1.9478-0.9227i	5.6592+2.7449i	-2.2795+4.2171i	6.1288+1.4880i
74.1	0.0819-0.0779i	-0.0545-0.0206i	0.0286-0.0239i	0.0077-0.0310i	-2.0008-0.7795i	5.5955+2.4654i	-2.4508+4.3580i	6.1136+0.9600i
74.2	0.0748-0.0777i	-0.0506-0.0182i	0.0274-0.0232i	0.0074-0.0284i	-2.3907-0.9012i	5.6877+2.3650i	-2.1840+4.0486i	6.7353+0.7042i
74.3	0.0820-0.0697i	-0.0526-0.0198i	0.0276-0.0219i	0.0087-0.0265i	-2.1052-1.0846i	5.6877+2.3830i	-2.2829+3.9030i	7.0642+0.4980i
74.4	0.0855-0.0696i	-0.0495-0.0171i	0.0301-0.0205i	0.0104-0.0257i	-2.1393-1.1046i	5.7830+2.3011i	-2.2785+4.0475i	7.4678+0.2674i
74.5	0.0815-0.0776i	-0.0395-0.0120i	0.0324-0.0210i	0.0133-0.0270i	-2.2571-0.8677i	5.6823+2.0751i	-2.1730+4.4411i	7.3503+0.0176i
74.6	0.0825-0.0736i	-0.0390-0.0087i	0.0302-0.0189i	0.0143-0.0250i	-2.4769-1.0754i	5.3614+1.8790i	-2.2410+4.3006i	6.8932-0.2115i
74.7	0.0927-0.0631i	-0.0422-0.0128i	0.0337-0.0181i	0.0158-0.0212i	-2.0341-1.0533i	5.1532+1.6687i	-2.5336+4.3102i	6.6574-0.5161i
74.8	0.0947-0.0617i	-0.0362-0.0140i	0.0369-0.0182i	0.0193-0.0218i	-1.7469-0.8952i	5.1974+1.6012i	-2.3891+4.4259i	7.1137-0.6558i
74.9	0.0974-0.0603i	-0.0340-0.0155i	0.0380-0.0179i	0.0208-0.0229i	-1.9495-0.8363i	5.2852+1.7108i	-2.1712+4.4405i	7.7938-0.5015i

75.0	0.1074-0.0676i	-0.0319-0.0138i	0.0409-0.0194i	0.0248-0.0233i	-1.7580-1.0826i	5.1702+1.6559i	-1.9418+4.9129i	8.0235-0.3798i
75.1	0.1029-0.0750i	-0.0261-0.0121i	0.0419-0.0216i	0.0252-0.0252i	-1.5086-0.9964i	5.0488+1.5306i	-1.5478+4.9965i	7.9603-0.5464i
75.2	0.1095-0.0722i	-0.0274-0.0113i	0.0442-0.0212i	0.0272-0.0262i	-1.5559-0.7695i	5.1357+1.4456i	-1.7534+5.1839i	8.2655-0.9084i
75.3	0.1118-0.0664i	-0.0248-0.0098i	0.0450-0.0171i	0.0291-0.0235i	-1.6750-0.7086i	5.0937+1.4509i	-1.9978+5.0048i	8.6595-1.2778i
75.4	0.1140-0.0649i	-0.0221-0.0075i	0.0456-0.0174i	0.0307-0.0203i	-1.8520-0.9298i	5.1246+1.2221i	-2.2206+4.9412i	8.9067-2.1318i
75.5	0.0997-0.0595i	-0.0204-0.0050i	0.0417-0.0168i	0.0245-0.0180i	-1.4552-0.9386i	5.1507+1.0306i	-1.7312+4.3795i	9.5655-2.8962i
75.6	0.1102-0.0674i	-0.0184-0.0097i	0.0468-0.0184i	0.0287-0.0209i	-1.1856-0.6038i	4.8653+0.8903i	-1.3718+4.7491i	9.0533-2.6161i
75.7	0.1188-0.0752i	-0.0182-0.0076i	0.0488-0.0205i	0.0321-0.0227i	-0.9755-0.4651i	4.8196+0.8248i	-1.3465+4.8593i	9.2757-2.9813i
75.8	0.1182-0.0766i	-0.0162-0.0064i	0.0475-0.0211i	0.0336-0.0236i	-1.1962-0.5258i	4.8241+0.7941i	-1.5107+4.9891i	9.4016-3.3088i
75.9	0.1154-0.0658i	-0.0150-0.0015i	0.0464-0.0182i	0.0332-0.0187i	-0.9503-0.8524i	4.6184+0.4945i	-1.6785+4.5402i	8.8741-4.4689i
76.0	0.1212-0.0713i	-0.0096-0.0031i	0.0505-0.0204i	0.0356-0.0208i	-1.0669-0.6086i	4.5729+0.5760i	-1.6483+4.7561i	9.4393-4.4516i
76.1	0.1305-0.0566i	-0.0082+0.0029i	0.0526-0.0128i	0.0402-0.0122i	-1.0622-0.8576i	4.3888+0.4705i	-2.0184+4.6916i	9.1940-4.8114i
76.2	0.1261-0.0680i	-0.0076+0.0036i	0.0512-0.0171i	0.0401-0.0152i	-1.0829-0.8069i	4.3688+0.4826i	-1.4975+4.8456i	9.4423-4.7427i
76.3	0.1226-0.0737i	-0.0016+0.0061i	0.0528-0.0179i	0.0405-0.0176i	-0.9527-0.9613i	4.2903+0.4461i	-1.1824+4.9526i	9.6121-5.0441i
76.4	0.1345-0.0752i	0.0035+0.0038i	0.0593-0.0174i	0.0459-0.0195i	-1.1824-1.1483i	4.2227+0.3562i	-1.4213+5.3124i	9.6258-5.6485i
76.5	0.1412-0.0594i	0.0040+0.0081i	0.0599-0.0126i	0.0477-0.0128i	-1.2768-1.1807i	4.1783+0.1810i	-1.8847+4.8844i	9.4968-6.9355i
76.6	0.1507-0.0594i	0.0101+0.0097i	0.0658-0.0127i	0.0531-0.0113i	-0.8522-0.8977i	4.0087+0.0668i	-1.8554+5.1535i	9.0892-7.3602i
76.7	0.1430-0.0541i	0.0128+0.0090i	0.0633-0.0091i	0.0501-0.0090i	-0.9267-0.7969i	3.8959-0.0912i	-1.6827+4.8832i	8.8069-8.2781i
76.8	0.1429-0.0443i	0.0180+0.0031i	0.0636-0.0085i	0.0497-0.0063i	-0.6573-0.4811i	3.8136-0.1811i	-1.6374+4.5704i	9.0593-8.8018i
76.9	0.1660-0.0386i	0.0267+0.0053i	0.0745-0.0048i	0.0590-0.0019i	-0.5955-0.6054i	3.7381-0.1503i	-2.3718+5.0544i	8.8679-8.9239i
77.0	0.1802-0.0413i	0.0312+0.0071i	0.0801-0.0058i	0.0659-0.0038i	-0.2822-1.1362i	3.4956-0.1685i	-2.4682+5.4330i	8.1020-9.2170i
77.1	0.2025-0.0434i	0.0388+0.0145i	0.0870-0.0026i	0.0776-0.0015i	-0.5229-1.4104i	3.3961-0.3271i	-2.7955+5.9306i	7.2537-10.5910i
77.2	0.1920-0.0474i	0.0396+0.0073i	0.0856-0.0066i	0.0741-0.0039i	-0.4610-1.3388i	3.3137-0.3738i	-2.1571+5.6624i	7.2572-11.0183i
77.3	0.2163-0.0464i	0.0472+0.0082i	0.0956-0.0060i	0.0855-0.0030i	-0.6098-1.3448i	3.0970-0.3804i	-2.4961+6.2838i	6.3439-11.1696i
77.4	0.2145-0.0420i	0.0506+0.0103i	0.0957-0.0047i	0.0853-0.0004i	-0.5785-1.1093i	3.0768-0.5637i	-2.5429+6.1960i	5.8124-12.2751i
77.5	0.2317-0.0360i	0.0648+0.0104i	0.1053-0.0003i	0.0952+0.0025i	-0.2456-0.9057i	2.7134-0.4943i	-2.6928+6.4237i	4.6071-11.6592i
77.6	0.2525-0.0397i	0.0689+0.0070i	0.1139-0.0031i	0.1030+0.0016i	-0.0183-1.4931i	2.6312-0.5476i	-2.6830+6.4317i	4.0731-12.5221i
77.7	0.2484-0.0435i	0.0680-0.0007i	0.1121-0.0077i	0.1016-0.0033i	-0.0802-1.3743i	2.6511-0.5198i	-2.2643+6.2673i	4.3580-12.8978i
77.8	0.2712-0.0627i	0.0785-0.0079i	0.1240-0.0147i	0.1141-0.0124i	-0.2221-1.4831i	2.5178-0.3609i	-1.7590+6.9335i	3.9813-12.1233i
77.9	0.2990-0.0682i	0.0851-0.0089i	0.1361-0.0149i	0.1267-0.0150i	0.1513-1.5183i	2.4641-0.3079i	-1.9550+7.2986i	3.4463-12.1834i
78.0	0.3239-0.0757i	0.0939-0.0136i	0.1477-0.0189i	0.1364-0.0157i	0.0318-1.8912i	2.2890-0.3558i	-2.0848+7.7102i	2.1837-12.1255i
78.1	0.3122-0.0628i	0.0962-0.0151i	0.1440-0.0146i	0.1310-0.0128i	-0.0364-1.6300i	2.0911-0.2634i	-2.1680+6.7944i	1.8681-12.2625i
78.2	0.3422-0.0824i	0.1025-0.0237i	0.1550-0.0222i	0.1445-0.0214i	0.3067-1.5587i	2.0087-0.1956i	-1.9849+7.3334i	1.2708-11.6870i
78.3	0.3543-0.1040i	0.1037-0.0348i	0.1585-0.0333i	0.1517-0.0325i	0.3769-1.8296i	1.8953-0.0372i	-1.7143+7.5254i	1.0761-11.1007i
78.4	0.3507-0.1332i	0.1063-0.0458i	0.1601-0.0470i	0.1507-0.0446i	0.2316-1.9412i	1.9512+0.0069i	-1.0771+7.5753i	1.7877-11.1124i
78.5	0.3836-0.1614i	0.1157-0.0569i	0.1752-0.0578i	0.1662-0.0570i	0.1605-2.0803i	1.9316+0.0442i	-1.0513+8.2973i	1.5553-11.0314i
78.6	0.3996-0.1945i	0.1180-0.0702i	0.1828-0.0723i	0.1722-0.0728i	0.2818-2.2709i	1.7758+0.0405i	-0.8600+8.6090i	-0.1427-10.0256i
78.7	0.3790-0.2217i	0.1070-0.0797i	0.1721-0.0863i	0.1620-0.0857i	0.2605-1.9753i	1.7692+0.0671i	-0.3425+8.0673i	-0.6285-10.2332i
78.8	0.3727-0.2473i	0.1052-0.0884i	0.1703-0.0978i	0.1598-0.0971i	-0.1280-2.1643i	1.7029+0.1920i	-0.0905+7.7214i	-0.3857-10.0252i
78.9	0.3465-0.2759i	0.0922-0.0997i	0.1597-0.1111i	0.1477-0.1103i	-0.4152-2.5868i	1.6457+0.2447i	0.1671+6.9563i	-0.5733-9.8735i
79.0	0.3155-0.2737i	0.0788-0.0933i	0.1439-0.1093i	0.1335-0.1086i	-0.8154-2.5159i	1.5973+0.2965i	-0.5165+6.3754i	-0.9741-9.5189i
79.1	0.3325-0.2393i	0.0909-0.0808i	0.1544-0.0923i	0.1411-0.0955i	-0.6393-1.4727i	1.6376+0.3490i	-1.7285+7.3603i	-0.3603-8.6886i
79.2	0.3702-0.2532i	0.1045-0.0925i	0.1737-0.1002i	0.1552-0.1017i	-0.2266-1.4313i	1.7505+0.3427i	-1.7499+8.4780i	-0.2623-9.2244i
79.3	0.3829-0.2734i	0.1080-0.1006i	0.1787-0.1090i	0.1599-0.1081i	-0.2970-1.7859i	1.6938+0.3302i	-1.5213+8.8050i	-1.1162-9.0055i
79.4	0.3848-0.2727i	0.1098-0.1017i	0.1777-0.1094i	0.1611-0.1051i	-0.4414-1.8621i	1.5358+0.3836i	-1.7247+8.6526i	-1.4565-8.5818i
79.5	0.3784-0.3044i	0.1049-0.1115i	0.1767-0.1243i	0.1576-0.1191i	-0.2364-2.2067i	1.5741+0.5069i	-1.2483+8.9459i	-0.7689-7.9875i
79.6	0.3733-0.3374i	0.0970-0.1230i	0.1736-0.1401i	0.1544-0.1338i	-0.2270-2.1849i	1.4969+0.4281i	-0.7918+9.3847i	-1.1234-7.5847i
79.7	0.3772-0.3554i	0.0938-0.1270i	0.1735-0.1476i	0.1554-0.1390i	-0.0854-2.4033i	1.4381+0.4677i	-0.6429+9.6614i	-1.3108-7.8524i
79.8	0.3503-0.3919i	0.0835-0.1326i	0.1619-0.1620i	0.1452-0.1536i	0.0835-2.6519i	1.4411+0.4525i	0.1543+9.7193i	-1.0529-7.3116i
79.9	0.3300-0.4340i	0.0790-0.1442i	0.1533-0.1798i	0.1369-0.1697i	-0.1729-2.6058i	1.4092+0.3708i	0.8135+10.0289i	-0.5328-7.1594i
80.0	0.3112-0.4274i	0.0714-0.1380i	0.1448-0.1767i	0.1278-0.1644i	-0.2369-2.2321i	1.4520+0.4285i	0.8413+9.5294i	-0.2749-7.7601i

1.1.13 Run 4 – IP050 – NF and AF gauges

In-plane shaking at 50°. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.1382+0.0000i	-0.1639+0.0000i	1.2138+0.0000i	2.1349+0.0000i	0.0552+0.0000i	-0.0482+0.0000i	0.0447+0.0000i	0.1140+0.0000i
0.1	0.3539-0.0191i	-0.3662-0.0003i	1.1421+0.0026i	1.5646+0.0337i	0.0771-0.0024i	-0.0054-0.0022i	0.0756-0.0025i	0.1407-0.0028i
0.2	1.3103-0.0082i	-1.2544-0.0192i	0.8291-0.0217i	-0.7685-0.0028i	0.1750+0.0000i	0.1708+0.0100i	0.2056-0.0015i	0.2590-0.0073i
0.3	1.4773-0.0147i	-1.3923-0.0123i	0.6899-0.0039i	-0.6014-0.0387i	0.1977-0.0071i	0.1918+0.0108i	0.2131-0.0050i	0.2840-0.0006i
0.4	1.2497-0.2567i	-1.2520+0.1704i	0.9577+0.3109i	-0.8468-0.3056i	0.1821-0.0302i	0.1607-0.0288i	0.1845-0.0130i	0.2310-0.0284i
0.5	0.7364-0.0622i	-0.7101+0.0600i	1.5286+0.0787i	-1.4133-0.0966i	0.1035-0.0081i	0.0989-0.0133i	0.1602+0.0054i	0.1110-0.0234i
0.6	0.8415-0.0209i	-0.7960+0.0183i	1.4046+0.0152i	-1.3038-0.0273i	0.1178+0.0003i	0.1156-0.0006i	0.1751+0.0039i	0.1382-0.0110i
0.7	0.8588-0.0154i	-0.8222+0.0057i	1.3710+0.0046i	-1.2622-0.0134i	0.1216+0.0003i	0.1200+0.0001i	0.1789+0.0049i	0.1452-0.0038i
0.8	0.8070+0.0241i	-0.7684-0.0212i	1.4018-0.0330i	-1.2889+0.0352i	0.1152+0.0056i	0.1130+0.0050i	0.1767+0.0097i	0.1308+0.0061i
0.9	0.8840+0.1430i	-0.7908-0.1311i	1.2639-0.1475i	-1.1040+0.1527i	0.1320+0.0238i	0.1278+0.0230i	0.1919+0.0172i	0.1619+0.0438i
1.0	1.0131+0.1460i	-0.8560-0.1481i	1.0736-0.1294i	-0.8600+0.1221i	0.1568+0.0231i	0.1501+0.0234i	0.2086+0.0120i	0.2103+0.0444i
1.1	1.1075+0.0512i	-1.0481-0.0494i	1.1399-0.0550i	-1.0312+0.0498i	0.1612+0.0092i	0.1578+0.0085i	0.2064+0.0025i	0.2195+0.0158i
1.2	1.1408+0.0173i	-1.1713-0.0421i	1.2473-0.0122i	-1.2277-0.0094i	0.1589+0.0032i	0.1593+0.0023i	0.2050-0.0013i	0.2140+0.0056i
1.3	1.1183-0.0002i	-1.1321-0.0140i	1.2591-0.0149i	-1.2196+0.0027i	0.1589+0.0011i	0.1588+0.0008i	0.2072-0.0009i	0.2137+0.0019i
1.4	1.1100+0.0051i	-1.1186-0.0124i	1.2739-0.0264i	-1.2242+0.0160i	0.1602+0.0017i	0.1600+0.0025i	0.2094+0.0005i	0.2161+0.0042i
1.5	1.1304+0.0124i	-1.1335-0.0188i	1.2820-0.0556i	-1.2253+0.0425i	0.1666+0.0035i	0.1658+0.0043i	0.2164+0.0008i	0.2278+0.0092i
1.6	1.1421-0.0059i	-1.1427-0.0013i	1.2937-0.0638i	-1.2319+0.0493i	0.1726+0.0012i	0.1714+0.0018i	0.2228-0.0001i	0.2391+0.0034i
1.7	1.1501-0.0170i	-1.1479+0.0137i	1.3186-0.1092i	-1.2522+0.0885i	0.1795-0.0017i	0.1779-0.0007i	0.2322-0.0007i	0.2508-0.0035i
1.8	1.1609-0.0232i	-1.1560+0.0224i	1.3290-0.1614i	-1.2602+0.1335i	0.1860-0.0039i	0.1843-0.0026i	0.2424-0.0005i	0.2611-0.0088i
1.9	1.1894-0.0210i	-1.1770+0.0252i	1.2610-0.2530i	-1.1982+0.2151i	0.1989-0.0058i	0.1976-0.0038i	0.2643+0.0005i	0.2805-0.0144i
2.0	1.2453-0.0187i	-1.2231+0.0243i	1.1493-0.2848i	-1.1002+0.2473i	0.2215-0.0069i	0.2211-0.0045i	0.3024-0.0005i	0.3146-0.0176i
2.1	1.3758-0.0471i	-1.3362+0.0457i	1.0513-0.2105i	-1.0144+0.1822i	0.2765-0.0179i	0.2770-0.0160i	0.3883-0.0197i	0.3999-0.0341i
2.2	1.5797-0.1091i	-1.5197+0.0986i	1.0315-0.1595i	-0.9995+0.1361i	0.3646-0.0436i	0.3648-0.0418i	0.5197-0.0600i	0.5388-0.0746i
2.3	1.6403-0.3137i	-1.5736+0.2808i	1.0172-0.1186i	-0.9870+0.0997i	0.3927-0.1308i	0.3927-0.1288i	0.5619-0.1916i	0.5811-0.2125i
2.4	0.5703-0.1855i	-0.5996+0.1698i	1.0533-0.0675i	-1.0080+0.0627i	-0.0730-0.0789i	-0.0714-0.0780i	-0.1299-0.1139i	-0.1569-0.1264i
2.5	0.7275-0.0573i	-0.7442+0.0506i	1.0717-0.0462i	-1.0255+0.0411i	-0.0058-0.0231i	-0.0046-0.0229i	-0.0305-0.0325i	-0.0502-0.0380i
2.6	0.8321-0.0303i	-0.8411+0.0271i	1.0893-0.0402i	-1.0419+0.0344i	0.0395-0.0116i	0.0403-0.0119i	0.0366-0.0167i	0.0217-0.0196i
2.7	0.8784-0.0191i	-0.8832+0.0164i	1.0972-0.0391i	-1.0492+0.0347i	0.0595-0.0072i	0.0601-0.0077i	0.0663-0.0113i	0.0532-0.0123i
2.8	0.9179-0.0100i	-0.9180+0.0071i	1.0998-0.0353i	-1.0499+0.0311i	0.0752-0.0034i	0.0756-0.0039i	0.0890-0.0065i	0.0786-0.0063i
2.9	0.9531-0.0090i	-0.9514+0.0052i	1.1054-0.0318i	-1.0538+0.0254i	0.0867-0.0030i	0.0869-0.0033i	0.1043-0.0061i	0.0978-0.0048i
3.0	0.9727-0.0111i	-0.9707+0.0079i	1.1140-0.0216i	-1.0626+0.0162i	0.0942-0.0024i	0.0945-0.0028i	0.1147-0.0041i	0.1101-0.0046i
3.1	0.9814-0.0123i	-0.9776+0.0100i	1.1214-0.0189i	-1.0695+0.0146i	0.0982-0.0025i	0.0984-0.0029i	0.1209-0.0040i	0.1160-0.0052i
3.2	0.9953-0.0106i	-0.9900+0.0084i	1.1294-0.0189i	-1.0768+0.0136i	0.1032-0.0024i	0.1033-0.0026i	0.1281-0.0040i	0.1236-0.0049i
3.3	1.0066-0.0103i	-1.0023+0.0080i	1.1328-0.0167i	-1.0813+0.0112i	0.1065-0.0018i	0.1066-0.0021i	0.1323-0.0031i	0.1292-0.0040i
3.4	1.0151-0.0114i	-1.0103+0.0099i	1.1409-0.0120i	-1.0891+0.0073i	0.1096-0.0012i	0.1095-0.0016i	0.1370-0.0019i	0.1337-0.0033i
3.5	1.0230-0.0116i	-1.0178+0.0120i	1.1479-0.0143i	-1.0949+0.0108i	0.1122-0.0014i	0.1121-0.0017i	0.1409-0.0020i	0.1376-0.0038i
3.6	1.0282-0.0134i	-1.0212+0.0135i	1.1532-0.0141i	-1.0976+0.0114i	0.1143-0.0016i	0.1141-0.0020i	0.1442-0.0025i	0.1408-0.0041i
3.7	1.0347-0.0119i	-1.0260+0.0109i	1.1589-0.0133i	-1.1018+0.0099i	0.1162-0.0015i	0.1159-0.0018i	0.1470-0.0024i	0.1436-0.0037i
3.8	1.0415-0.0115i	-1.0330+0.0107i	1.1650-0.0128i	-1.1079+0.0093i	0.1180-0.0016i	0.1178-0.0018i	0.1496-0.0025i	0.1464-0.0038i
3.9	1.0493-0.0116i	-1.0410+0.0115i	1.1692-0.0116i	-1.1122+0.0084i	0.1201-0.0016i	0.1198-0.0018i	0.1523-0.0026i	0.1495-0.0037i
4.0	1.0566-0.0118i	-1.0473+0.0111i	1.1727-0.0118i	-1.1149+0.0082i	0.1218-0.0015i	0.1214-0.0017i	0.1547-0.0024i	0.1520-0.0037i
4.1	1.0633-0.0122i	-1.0525+0.0121i	1.1795-0.0104i	-1.1205+0.0062i	0.1233-0.0016i	0.1229-0.0018i	0.1570-0.0024i	0.1540-0.0038i
4.2	1.0685-0.0129i	-1.0579+0.0135i	1.1853-0.0102i	-1.1258+0.0062i	0.1247-0.0018i	0.1243-0.0020i	0.1592-0.0029i	0.1562-0.0039i
4.3	1.0759-0.0136i	-1.0645+0.0135i	1.1918-0.0105i	-1.1314+0.0071i	0.1264-0.0019i	0.1261-0.0022i	0.1617-0.0031i	0.1585-0.0044i
4.4	1.0827-0.0152i	-1.0706+0.0148i	1.1979-0.0103i	-1.1368+0.0071i	0.1279-0.0021i	0.1275-0.0024i	0.1639-0.0035i	0.1606-0.0049i
4.5	1.0908-0.0161i	-1.0777+0.0166i	1.2038-0.0094i	-1.1424+0.0062i	0.1294-0.0024i	0.1289-0.0026i	0.1660-0.0036i	0.1625-0.0053i
4.6	1.0969-0.0160i	-1.0835+0.0161i	1.2092-0.0092i	-1.1465+0.0056i	0.1306-0.0024i	0.1301-0.0026i	0.1677-0.0037i	0.1643-0.0054i
4.7	1.1041-0.0169i	-1.0906+0.0179i	1.2160-0.0101i	-1.1515+0.0068i	0.1324-0.0026i	0.1316-0.0029i	0.1698-0.0042i	0.1668-0.0056i
4.8	1.1120-0.0182i	-1.0971+0.0188i	1.2226-0.0106i	-1.1569+0.0075i	0.1339-0.0029i	0.1332-0.0031i	0.1723-0.0049i	0.1688-0.0060i
4.9	1.1206-0.0189i	-1.1040+0.0194i	1.2299-0.0102i	-1.1625+0.0073i	0.1357-0.0031i	0.1350-0.0033i	0.1751-0.0052i	0.1715-0.0065i
5.0	1.1310-0.0197i	-1.1123+0.0202i	1.2389-0.0105i	-1.1705+0.0063i	0.1374-0.0035i	0.1366-0.0036i	0.1775-0.0055i	0.1738-0.0069i
5.1	1.1392-0.0205i	-1.1203+0.0215i	1.2462-0.0101i	-1.1767+0.0061i	0.1390-0.0037i	0.1383-0.0039i	0.1797-0.0060i	0.1759-0.0073i
5.2	1.1475-0.0222i	-1.1271+0.0235i	1.2548-0.0117i	-1.1822+0.0077i	0.1404-0.0043i	0.1395-0.0044i	0.1817-0.0070i	0.1778-0.0081i
5.3	1.1587-0.0240i	-1.1340+0.0258i	1.2627-0.0135i	-1.1880+0.0092i	0.1422-0.0052i	0.1412-0.0052i	0.1842-0.0082i	0.1802-0.0091i
5.4	1.1672-0.0277i	-1.1411+0.0283i	1.2676-0.0145i	-1.1912+0.0096i	0.1437-0.0060i	0.1427-0.0061i	0.1863-0.0096i	0.1825-0.0106i
5.5	1.1763-0.0322i	-1.1485+0.0310i	1.2751-0.0160i	-1.1958+0.0103i	0.1452-0.0070i	0.1441-0.0069i	0.1883-0.0109i	0.1849-0.0119i
5.6	1.1879-0.0340i	-1.1583+0.0327i	1.2843-0.0173i	-1.2030+0.0105i	0.1472-0.0079i	0.1460-0.0076i	0.1912-0.0119i	0.1879-0.0133i

5.7	1.2024-0.0373i	-1.1693+0.0358i	1.2925-0.0171i	-1.2069+0.0107i	0.1498-0.0088i	0.1486-0.0085i	0.1948-0.0131i	0.1914-0.0150i
5.8	1.2154-0.0450i	-1.1802+0.0403i	1.3002-0.0197i	-1.2104+0.0114i	0.1520-0.0105i	0.1507-0.0104i	0.1979-0.0159i	0.1944-0.0176i
5.9	1.2252-0.0520i	-1.1875+0.0447i	1.3076-0.0201i	-1.2150+0.0110i	0.1529-0.0124i	0.1517-0.0123i	0.1989-0.0192i	0.1952-0.0214i
6.0	1.2286-0.0594i	-1.1883+0.0513i	1.3170-0.0191i	-1.2203+0.0095i	0.1522-0.0149i	0.1512-0.0149i	0.1978-0.0228i	0.1934-0.0247i
6.1	1.2393-0.0661i	-1.1946+0.0564i	1.3305-0.0217i	-1.2289+0.0097i	0.1522-0.0157i	0.1510-0.0158i	0.1978-0.0240i	0.1929-0.0257i
6.2	1.2501-0.0677i	-1.2010+0.0566i	1.3405-0.0219i	-1.2328+0.0093i	0.1532-0.0158i	0.1519-0.0159i	0.1990-0.0244i	0.1941-0.0259i
6.3	1.2679-0.0685i	-1.2101+0.0565i	1.3528-0.0231i	-1.2360+0.0073i	0.1555-0.0160i	0.1540-0.0160i	0.2022-0.0244i	0.1973-0.0262i
6.4	1.2905-0.0737i	-1.2229+0.0583i	1.3679-0.0271i	-1.2377+0.0048i	0.1574-0.0165i	0.1560-0.0163i	0.2050-0.0252i	0.1997-0.0267i
6.5	1.3091-0.0842i	-1.2320+0.0629i	1.3809-0.0313i	-1.2395+0.0022i	0.1595-0.0184i	0.1580-0.0179i	0.2081-0.0277i	0.2021-0.0296i
6.6	1.3358-0.0995i	-1.2447+0.0677i	1.3999-0.0366i	-1.2407-0.0034i	0.1625-0.0203i	0.1607-0.0193i	0.2119-0.0302i	0.2058-0.0317i
6.7	1.3602-0.1190i	-1.2539+0.0720i	1.4180-0.0446i	-1.2419-0.0097i	0.1640-0.0222i	0.1618-0.0215i	0.2136-0.0333i	0.2073-0.0348i
6.8	1.4030-0.1396i	-1.2698+0.0766i	1.4418-0.0534i	-1.2381-0.0191i	0.1688-0.0245i	0.1663-0.0238i	0.2201-0.0366i	0.2135-0.0381i
6.9	1.4436-0.2097i	-1.2819+0.0935i	1.4696-0.0864i	-1.2324-0.0481i	0.1717-0.0331i	0.1695-0.0315i	0.2241-0.0481i	0.2168-0.0495i
7.0	1.4961-0.3137i	-1.2927+0.1104i	1.5040-0.1365i	-1.2184-0.0952i	0.1758-0.0444i	0.1733-0.0421i	0.2294-0.0635i	0.2214-0.0652i
7.1	1.4427-0.4944i	-1.2936+0.1321i	1.4876-0.2287i	-1.2616-0.1797i	0.1693-0.0615i	0.1673-0.0578i	0.2202-0.0857i	0.2117-0.0883i
7.2	1.1864-0.5179i	-1.2748+0.1243i	1.3617-0.2503i	-1.4003-0.1938i	0.1440-0.0588i	0.1442-0.0547i	0.1869-0.0816i	0.1775-0.0829i
7.3	1.0651-0.4422i	-1.2809+0.1151i	1.2985-0.2107i	-1.4798-0.1594i	0.1347-0.0497i	0.1360-0.0468i	0.1756-0.0701i	0.1646-0.0700i
7.4	0.9971-0.3277i	-1.2835+0.1101i	1.2760-0.1492i	-1.5342-0.1027i	0.1294-0.0391i	0.1314-0.0376i	0.1692-0.0564i	0.1569-0.0555i
7.5	1.0237-0.1984i	-1.2984+0.0947i	1.2945-0.0858i	-1.5407-0.0388i	0.1331-0.0265i	0.1348-0.0263i	0.1742-0.0396i	0.1619-0.0388i
7.6	1.1060-0.1449i	-1.3279+0.0947i	1.3345-0.0594i	-1.5247-0.0028i	0.1428-0.0216i	0.1438-0.0219i	0.1876-0.0340i	0.1751-0.0319i
7.7	1.1703-0.1404i	-1.3626+0.1006i	1.3656-0.0533i	-1.5212+0.0040i	0.1519-0.0218i	0.1522-0.0217i	0.1998-0.0345i	0.1876-0.0321i
7.8	1.2115-0.1536i	-1.3907+0.1198i	1.3945-0.0510i	-1.5351+0.0080i	0.1563-0.0249i	0.1566-0.0251i	0.2061-0.0389i	0.1931-0.0369i
7.9	1.2194-0.1654i	-1.4032+0.1370i	1.4037-0.0555i	-1.5498+0.0179i	0.1576-0.0273i	0.1580-0.0273i	0.2084-0.0425i	0.1947-0.0389i
8.0	1.2337-0.1613i	-1.4171+0.1498i	1.4124-0.0553i	-1.5582+0.0346i	0.1610-0.0274i	0.1612-0.0275i	0.2130-0.0438i	0.1998-0.0388i
8.1	1.2506-0.1550i	-1.4278+0.1539i	1.4255-0.0474i	-1.5629+0.0384i	0.1633-0.0279i	0.1633-0.0283i	0.2158-0.0452i	0.2026-0.0391i
8.2	1.2740-0.1546i	-1.4538+0.1604i	1.4410-0.0431i	-1.5800+0.0455i	0.1669-0.0286i	0.1665-0.0290i	0.2208-0.0467i	0.2066-0.0398i
8.3	1.3170-0.1540i	-1.5019+0.1718i	1.4646-0.0396i	-1.6125+0.0539i	0.1729-0.0289i	0.1727-0.0295i	0.2295-0.0472i	0.2144-0.0409i
8.4	1.3432-0.1671i	-1.5270+0.2000i	1.4780-0.0434i	-1.6239+0.0732i	0.1768-0.0315i	0.1765-0.0322i	0.2344-0.0511i	0.2195-0.0439i
8.5	1.3811-0.1897i	-1.5742+0.2411i	1.4984-0.0471i	-1.6499+0.0962i	0.1837-0.0360i	0.1831-0.0367i	0.2435-0.0578i	0.2292-0.0496i
8.6	1.3977-0.2341i	-1.5831+0.3075i	1.4983-0.0588i	-1.6475+0.1346i	0.1874-0.0430i	0.1865-0.0441i	0.2482-0.0691i	0.2355-0.0576i
8.7	1.4099-0.2481i	-1.5919+0.3300i	1.4861-0.0501i	-1.6334+0.1375i	0.1930-0.0464i	0.1910-0.0473i	0.2557-0.0747i	0.2432-0.0625i
8.8	1.4369-0.2638i	-1.6234+0.3533i	1.4860-0.0276i	-1.6412+0.1269i	0.1993-0.0519i	0.1970-0.0527i	0.2643-0.0822i	0.2524-0.0717i
8.9	1.4860-0.3115i	-1.6861+0.4240i	1.5033-0.0013i	-1.6779+0.1290i	0.2080-0.0644i	0.2060-0.0651i	0.2768-0.0993i	0.2642-0.0910i
9.0	1.4850-0.3996i	-1.6803+0.5520i	1.5355+0.0248i	-1.7029+0.1514i	0.2052-0.0853i	0.2033-0.0855i	0.2738-0.1288i	0.2581-0.1208i
9.1	1.4775-0.4490i	-1.6740+0.6281i	1.5625+0.0393i	-1.7299+0.1706i	0.2030-0.0976i	0.2009-0.0976i	0.2708-0.1470i	0.2540-0.1373i
9.2	1.5792-0.5949i	-1.8185+0.8593i	1.5710+0.0860i	-1.7923+0.2321i	0.2244-0.1325i	0.2216-0.1325i	0.3009-0.1969i	0.2833-0.1876i
9.3	1.3701-0.8139i	-1.4979+1.1893i	1.6681+0.1376i	-1.7430+0.3255i	0.1735-0.1818i	0.1705-0.1815i	0.2287-0.2673i	0.2082-0.2574i
9.4	1.0195-0.8002i	-0.9657+1.1802i	1.7939+0.1191i	-1.6373+0.3474i	0.0915-0.1792i	0.0883-0.1777i	0.1124-0.2651i	0.0885-0.2486i
9.5	0.8698-0.6037i	-0.7338+0.8914i	1.8516+0.0537i	-1.5885+0.2944i	0.0566-0.1341i	0.0535-0.1322i	0.0624-0.2030i	0.0391-0.1810i
9.6	0.8437-0.3958i	-0.6830+0.5872i	1.8837-0.0105i	-1.5843+0.2328i	0.0485-0.0867i	0.0464-0.0842i	0.0498-0.1370i	0.0297-0.1110i
9.7	0.9146-0.2704i	-0.7774+0.4033i	1.8902-0.0479i	-1.6196+0.1957i	0.0631-0.0581i	0.0612-0.0563i	0.0693-0.0971i	0.0514-0.0704i
9.8	0.9897-0.2153i	-0.8789+0.3179i	1.8925-0.0780i	-1.6548+0.1858i	0.0785-0.0446i	0.0767-0.0432i	0.0897-0.0786i	0.0747-0.0509i
9.9	1.0465-0.1664i	-0.9525+0.2472i	1.9003-0.0948i	-1.6829+0.1705i	0.0899-0.0335i	0.0883-0.0320i	0.1048-0.0632i	0.0916-0.0340i
10.0	1.0918-0.1356i	-1.0098+0.2027i	1.9113-0.1028i	-1.7088+0.1602i	0.0984-0.0268i	0.0968-0.0256i	0.1166-0.0547i	0.1042-0.0241i
10.1	1.1420-0.1225i	-1.0766+0.1819i	1.9286-0.1178i	-1.7479+0.1636i	0.1085-0.0228i	0.1067-0.0220i	0.1301-0.0500i	0.1189-0.0174i
10.2	1.1797-0.1127i	-1.1265+0.1699i	1.9477-0.1267i	-1.7820+0.1680i	0.1157-0.0210i	0.1140-0.0196i	0.1407-0.0479i	0.1288-0.0129i
10.3	1.2150-0.0993i	-1.1659+0.1577i	1.9705-0.1251i	-1.8102+0.1677i	0.1216-0.0193i	0.1195-0.0179i	0.1472-0.0462i	0.1381-0.0100i
10.4	1.2450-0.0932i	-1.1976+0.1539i	2.0004-0.1370i	-1.8406+0.1783i	0.1261-0.0176i	0.1239-0.0163i	0.1525-0.0452i	0.1442-0.0072i
10.5	1.2645-0.0904i	-1.2195+0.1486i	2.0211-0.1499i	-1.8580+0.1844i	0.1294-0.0165i	0.1273-0.0151i	0.1557-0.0436i	0.1505-0.0053i
10.6	1.3088-0.0811i	-1.2614+0.1310i	2.0569-0.1595i	-1.8955+0.1841i	0.1357-0.0143i	0.1338-0.0127i	0.1627-0.0412i	0.1612-0.0007i
10.7	1.3398-0.0682i	-1.2948+0.1098i	2.0855-0.1730i	-1.9304+0.1893i	0.1405-0.0109i	0.1387-0.0095i	0.1676-0.0390i	0.1698+0.0065i
10.8	1.3584-0.0678i	-1.3204+0.1105i	2.1061-0.1914i	-1.9570+0.2031i	0.1443-0.0103i	0.1426-0.0085i	0.1714-0.0385i	0.1770+0.0082i
10.9	1.3968-0.0678i	-1.3624+0.1122i	2.1406-0.2060i	-1.9966+0.2162i	0.1499-0.0107i	0.1479-0.0082i	0.1768-0.0391i	0.1861+0.0083i
11.0	1.4277-0.0555i	-1.3948+0.0968i	2.1717-0.2122i	-2.0334+0.2245i	0.1548-0.0089i	0.1527-0.0066i	0.1814-0.0375i	0.1947+0.0103i
11.1	1.4663-0.0454i	-1.4369+0.0843i	2.2023-0.2362i	-2.0650+0.2446i	0.1607-0.0076i	0.1586-0.0053i	0.1853-0.0352i	0.2059+0.0116i
11.2	1.4961-0.0385i	-1.4677+0.0752i	2.2182-0.2479i	-2.0834+0.2559i	0.1648-0.0067i	0.1632-0.0047i	0.1888-0.0330i	0.2142+0.0105i
11.3	1.5364-0.0294i	-1.5145+0.0647i	2.2590-0.2565i	-2.1265+0.2613i	0.1707-0.0061i	0.1686-0.0038i	0.1942-0.0315i	0.2234+0.0103i
11.4	1.5790-0.0282i	-1.5666+0.0634i	2.2932-0.2736i	-2.1656+0.2758i	0.1763-0.0058i	0.1743-0.0034i	0.1987-0.0297i	0.2329+0.0088i
11.5	1.6309-0.0328i	-1.6209+0.0696i	2.3347-0.2884i	-2.2129+0.2935i	0.1828-0.0057i	0.1813-0.0034i	0.2051-0.0270i	0.2438+0.0060i
11.6	1.6804-0.0266i	-1.6696+0.0627i	2.3583-0.3062i	-2.2393+0.3126i	0.1892-0.0047i	0.1875-0.0025i	0.2107-0.0226i	0.2554+0.0044i
11.7	1.7435-0.0368i	-1.7400+0.0766i	2.3808-0.3093i	-2.2672+0.3174i	0.1972-0.0055i	0.1957-0.0037i	0.2226-0.0181i	0.2640-0.0027i
11.8	1.7905-0.0582i	-1.7932+0.1059i	2.4270-0.3085i	-2.3165+0.3244i	0.2033-0.0078i	0.2016-0.0065i	0.2339-0.0177i	0.2665-0.0088i
11.9	1.8074-0.1017i	-1.8092+0.1544i	2.4658-0.3203i	-2.3478+0.3427i	0.2067-0.0126i	0.2047-0.0113i	0.2423-0.0238i	0.2667-0.0140i

12.0	1.8498-0.1201i	-1.8532+0.1745i	2.5328-0.3279i	-2.4092+0.3490i	0.2128-0.0148i	0.2105-0.0136i	0.2520-0.0273i	0.2734-0.0157i
12.1	1.8766-0.1461i	-1.8802+0.2055i	2.5887-0.3468i	-2.4638+0.3709i	0.2170-0.0173i	0.2143-0.0160i	0.2593-0.0318i	0.2767-0.0172i
12.2	1.9003-0.1710i	-1.8989+0.2348i	2.6377-0.3718i	-2.5073+0.3980i	0.2212-0.0206i	0.2180-0.0188i	0.2652-0.0381i	0.2818-0.0196i
12.3	1.9225-0.1817i	-1.9168+0.2525i	2.6850-0.3916i	-2.5508+0.4143i	0.2246-0.0225i	0.2220-0.0202i	0.2704-0.0418i	0.2873-0.0208i
12.4	1.9614-0.1611i	-1.9532+0.2369i	2.7456-0.3997i	-2.6056+0.4254i	0.2297-0.0208i	0.2270-0.0189i	0.2786-0.0407i	0.2920-0.0181i
12.5	2.0250-0.1765i	-2.0146+0.2508i	2.8379-0.4379i	-2.6917+0.4617i	0.2386-0.0224i	0.2347-0.0207i	0.2882-0.0452i	0.3030-0.0186i
12.6	2.0656-0.1850i	-2.0548+0.2596i	2.9086-0.4639i	-2.7588+0.4831i	0.2446-0.0243i	0.2404-0.0217i	0.2965-0.0500i	0.3109-0.0177i
12.7	2.0930-0.1663i	-2.0856+0.2461i	2.9610-0.4664i	-2.8117+0.4849i	0.2490-0.0231i	0.2443-0.0200i	0.3017-0.0503i	0.3170-0.0138i
12.8	2.1479-0.1739i	-2.1386+0.2546i	3.0327-0.5029i	-2.8781+0.5232i	0.2565-0.0245i	0.2516-0.0210i	0.3079-0.0540i	0.3294-0.0140i
12.9	2.2534-0.1916i	-2.2351+0.2691i	3.1331-0.5302i	-2.9681+0.5518i	0.2684-0.0271i	0.2639-0.0237i	0.3210-0.0593i	0.3469-0.0170i
13.0	2.3435-0.2454i	-2.3216+0.3225i	3.2260-0.5808i	-3.0612+0.5948i	0.2795-0.0343i	0.2753-0.0311i	0.3299-0.0682i	0.3677-0.0278i
13.1	2.3620-0.2427i	-2.3420+0.3208i	3.2721-0.5742i	-3.1061+0.5865i	0.2827-0.0346i	0.2783-0.0311i	0.3313-0.0667i	0.3744-0.0302i
13.2	2.4418-0.2631i	-2.4271+0.3450i	3.4021-0.5896i	-3.2313+0.6017i	0.2932-0.0387i	0.2877-0.0345i	0.3412-0.0704i	0.3904-0.0380i
13.3	2.5057-0.2607i	-2.4926+0.3390i	3.5069-0.5739i	-3.3367+0.5881i	0.3012-0.0390i	0.2954-0.0353i	0.3519-0.0716i	0.3993-0.0389i
13.4	2.6253-0.3060i	-2.6079+0.3820i	3.7057-0.6301i	-3.5300+0.6438i	0.3142-0.0455i	0.3085-0.0420i	0.3667-0.0777i	0.4163-0.0511i
13.5	2.6774-0.3425i	-2.6646+0.4196i	3.8335-0.6964i	-3.6552+0.7016i	0.3201-0.0509i	0.3147-0.0467i	0.3730-0.0833i	0.4243-0.0587i
13.6	2.7945-0.3971i	-2.7860+0.4762i	4.0393-0.7709i	-3.8549+0.7766i	0.3343-0.0575i	0.3285-0.0533i	0.3894-0.0913i	0.4428-0.0687i
13.7	2.9219-0.4530i	-2.9197+0.5417i	4.2565-0.8709i	-4.0639+0.8775i	0.3498-0.0643i	0.3436-0.0598i	0.4100-0.0988i	0.4607-0.0788i
13.8	2.9902-0.4660i	-2.9919+0.5585i	4.4300-0.9176i	-4.2384+0.9297i	0.3589-0.0660i	0.3520-0.0611i	0.4215-0.0995i	0.4719-0.0831i
13.9	3.0916-0.4793i	-3.1014+0.5839i	4.6536-0.9769i	-4.4621+0.9954i	0.3720-0.0686i	0.3648-0.0631i	0.4376-0.1018i	0.4893-0.0883i
14.0	3.1653-0.5915i	-3.1803+0.7165i	4.8596-1.2096i	-4.6533+1.2359i	0.3822-0.0843i	0.3732-0.0770i	0.4494-0.1214i	0.5015-0.1079i
14.1	3.2967-0.6988i	-3.3107+0.8458i	5.1376-1.4152i	-4.9147+1.4555i	0.3982-0.1000i	0.3887-0.0920i	0.4664-0.1417i	0.5237-0.1279i
14.2	3.4712-0.7979i	-3.4817+0.9630i	5.4394-1.6336i	-5.2000+1.6819i	0.4188-0.1137i	0.4094-0.1049i	0.4907-0.1600i	0.5501-0.1454i
14.3	3.5808-0.8608i	-3.5807+1.0411i	5.7120-1.8922i	-5.4559+1.9422i	0.4315-0.1225i	0.4224-0.1121i	0.5079-0.1724i	0.5653-0.1562i
14.4	3.7206-1.0183i	-3.7230+1.2260i	6.0550-2.2452i	-5.7786+2.2944i	0.4493-0.1446i	0.4399-0.1325i	0.5284-0.1998i	0.5876-0.1838i
14.5	3.9116-1.1939i	-3.9195+1.4451i	6.4823-2.7528i	-6.1850+2.8216i	0.4729-0.1705i	0.4629-0.1572i	0.5551-0.2289i	0.6158-0.2218i
14.6	4.0028-1.2977i	-3.9726+1.6033i	6.6562-3.2458i	-6.3171+3.3468i	0.4808-0.1896i	0.4714-0.1747i	0.5660-0.2539i	0.6251-0.2483i
14.7	4.0298-1.5805i	-3.8753+1.9205i	6.4712-3.9120i	-6.0300+4.0112i	0.4714-0.2276i	0.4648-0.2112i	0.5505-0.3009i	0.6132-0.2944i
14.8	4.1889-1.6484i	-3.9371+1.9651i	6.4556-4.1848i	-5.9213+4.2366i	0.4813-0.2326i	0.4746-0.2157i	0.5607-0.3077i	0.6219-0.2977i
14.9	4.3356-1.8137i	-4.0276+2.0372i	6.6009-4.3773i	-5.9895+4.3256i	0.4939-0.2434i	0.4865-0.2263i	0.5706-0.3255i	0.6408-0.3053i
15.0	4.6295-1.9021i	-4.3047+2.0734i	7.1845-4.4609i	-6.5314+4.3490i	0.5283-0.2485i	0.5197-0.2308i	0.6014-0.3323i	0.6980-0.3106i
15.1	5.2247-2.3892i	-4.8882+2.4933i	8.4730-5.3501i	-7.7405+5.1019i	0.6010-0.3007i	0.5898-0.2792i	0.6785-0.3858i	0.8007-0.3866i
15.2	5.6011-2.8953i	-5.2843+2.9494i	9.6916-6.7860i	-8.9123+6.3936i	0.6498-0.3579i	0.6368-0.3298i	0.7431-0.4521i	0.8553-0.4639i
15.3	5.6011-3.4300i	-5.3114+3.4677i	10.1883-8.6332i	-9.4244+8.1060i	0.6545-0.4235i	0.6425-0.3893i	0.7483-0.5263i	0.8605-0.5498i
15.4	5.4342-4.5778i	-5.1670+4.5752i	10.3314-12.4455i	-9.6311+11.6563i	0.6393-0.5617i	0.6336-0.5177i	0.7269-0.6840i	0.8439-0.7344i
15.5	5.0196-6.0738i	-4.7698+6.0283i	8.2779-17.0731i	-7.7564+16.0071i	0.5907-0.7426i	0.5986-0.6893i	0.6585-0.8928i	0.7874-0.9730i
15.6	3.9727-6.6091i	-3.7416+6.5477i	3.8784-20.4856i	-3.6814+19.2483i	0.4663-0.8091i	0.4887-0.7549i	0.5120-0.9595i	0.6229-1.0660i
15.7	2.6125-6.5671i	-2.4201+6.4930i	-2.1869-19.7578i	1.9921+18.6219i	0.3030-0.8042i	0.3387-0.7609i	0.3318-0.9448i	0.4059-1.0641i
15.8	1.5474-6.1257i	-1.3960+6.0523i	-8.8561-15.2109i	8.2762+14.4218i	0.1725-0.7553i	0.2224-0.7320i	0.1955-0.8846i	0.2263-1.0037i
15.9	2.0057-5.4665i	-1.8736+5.4288i	-10.4881-12.0035i	9.8200+11.4337i	0.2279-0.6842i	0.2802-0.6731i	0.2724-0.8110i	0.2962-0.9090i
16.0	2.3651-5.5395i	-2.2433+5.5082i	-10.5479-9.2090i	9.9117+8.8333i	0.2686-0.6971i	0.3182-0.6936i	0.3254-0.8346i	0.3439-0.9264i
16.1	2.7777-6.1790i	-2.6561+6.1615i	-9.8436-6.7694i	9.2721+6.5622i	0.3147-0.7814i	0.3577-0.7851i	0.3793-0.9494i	0.3994-1.0356i
16.2	3.2244-6.5659i	-3.1132+6.5680i	-8.8050-5.3856i	8.2991+5.2757i	0.3675-0.8340i	0.4057-0.8418i	0.4407-1.0207i	0.4674-1.1057i
16.3	2.9403-7.4891i	-2.8264+7.5201i	-7.9336-4.4723i	7.4952+4.4449i	0.3255-0.9519i	0.3592-0.9631i	0.3824-1.1680i	0.4100-1.2610i
16.4	1.8019-8.6532i	-1.6705+8.7180i	-7.2229-3.3644i	6.8759+3.4426i	0.1734-1.0992i	0.2009-1.1136i	0.1876-1.3500i	0.2050-1.4524i
16.5	0.6552-8.9990i	-0.4774+9.0744i	-6.5810-2.9743i	6.3429+3.0803i	0.0167-1.1425i	0.0399-1.1573i	-0.0101-1.4038i	-0.0052-1.5053i
16.6	-1.1447-8.9306i	1.3881+8.9526i	-5.9723-2.3498i	5.8742+2.4182i	-0.2268-1.1144i	-0.2090-1.1303i	-0.3154-1.3612i	-0.3316-1.4586i
16.7	-2.3006-8.3040i	2.5238+8.2833i	-5.4109-1.9696i	5.3442+1.9908i	-0.3701-1.0162i	-0.3558-1.0302i	-0.4917-1.2330i	-0.5181-1.3206i
16.8	-3.5838-7.3520i	3.7785+7.3126i	-4.9216-1.4606i	4.8776+1.4698i	-0.5243-0.8805i	-0.5132-0.8923i	-0.6778-1.0586i	-0.7162-1.1332i
16.9	-4.2793-6.8251i	4.4710+6.8003i	-4.5237-1.2025i	4.5014+1.2241i	-0.6105-0.8056i	-0.6018-0.8155i	-0.7839-0.9620i	-0.8272-1.0284i
17.0	-4.4983-6.0798i	4.7145+6.0671i	-4.1572-1.3478i	4.1822+1.3544i	-0.6340-0.7049i	-0.6270-0.7131i	-0.8131-0.8346i	-0.8551-0.8928i
17.1	-4.5239-4.6213i	4.7585+4.5718i	-3.9114-1.2382i	3.9644+1.1959i	-0.6239-0.5100i	-0.6164-0.5164i	-0.7920-0.5896i	-0.8338-0.6346i
17.2	-4.4305-4.3176i	4.6652+4.2303i	-3.7405-0.9617i	3.8038+0.8902i	-0.6057-0.4625i	-0.5984-0.4682i	-0.7645-0.5291i	-0.8079-0.5686i
17.3	-4.3152-3.8120i	4.5336+3.7033i	-3.3237-0.9400i	3.3864+0.8402i	-0.5784-0.3972i	-0.5706-0.4016i	-0.7258-0.4493i	-0.7658-0.4832i
17.4	-4.1413-3.1415i	4.3408+3.0179i	-3.1030-0.9206i	3.1578+0.7948i	-0.5419-0.3143i	-0.5342-0.3182i	-0.6747-0.3482i	-0.7116-0.3771i
17.5	-4.0984-2.9515i	4.2854+2.8034i	-2.9358-0.9484i	2.9827+0.7925i	-0.5266-0.2880i	-0.5186-0.2919i	-0.6507-0.3171i	-0.6877-0.3423i
17.6	-4.0744-2.5918i	4.2315+2.4285i	-2.7769-0.9577i	2.7951+0.7787i	-0.5104-0.2467i	-0.5028-0.2506i	-0.6268-0.2691i	-0.6606-0.2894i
17.7	-4.0812-2.2624i	4.2108+2.0978i	-2.6642-0.9707i	2.6580+0.7869i	-0.5015-0.2109i	-0.4939-0.2151i	-0.6129-0.2281i	-0.6448-0.2449i
17.8	-4.0623-2.0602i	4.1715+1.8995i	-2.6056-1.0266i	2.5798+0.8457i	-0.4934-0.1914i	-0.4860-0.1958i	-0.6007-0.2066i	-0.6330-0.2216i
17.9	-3.7540-1.6666i	3.8417+1.5185i	-2.5629-1.0240i	2.5158+0.8548i	-0.4513-0.1520i	-0.4438-0.1560i	-0.5474-0.1623i	-0.5760-0.1743i
18.0	-3.4541-1.3808i	3.5278+1.2491i	-2.5321-0.9854i	2.4687+0.8320i	-0.4119-0.1254i	-0.4045-0.1296i	-0.4980-0.1340i	-0.5240-0.1436i
18.1	-3.2140-1.1538i	3.2790+1.0433i	-2.4863-0.8982i	2.4119+0.7676i	-0.3815-0.1057i	-0.3744-0.1099i	-0.4607-0.1133i	-0.4839-0.1207i
18.2	-3.1166-1.0321i	3.1779+0.9352i	-2.4542-0.8392i	2.3770+0.7276i	-0.3695-0.0953i	-0.3630-0.0997i	-0.4467-0.1031i	-0.4687-0.1082i

18.3	-3.0464-0.9602i	3.1087+0.8765i	-2.4156-0.7857i	2.3413+0.6899i	-0.3620-0.0898i	-0.3557-0.0942i	-0.4385-0.0982i	-0.4589-0.1015i
18.4	-2.9508-0.8425i	3.0165+0.7759i	-2.3489-0.7009i	2.2808+0.6292i	-0.3512-0.0793i	-0.3454-0.0837i	-0.4260-0.0870i	-0.4448-0.0888i
18.5	-2.6967-0.6845i	2.7953+0.6440i	-2.1974-0.6416i	2.1703+0.6025i	-0.3251-0.0667i	-0.3195-0.0704i	-0.3966-0.0742i	-0.4107-0.0742i
18.6	-2.5208-0.6061i	2.6620+0.5405i	-2.1021-0.6716i	2.1273+0.6076i	-0.3109-0.0568i	-0.3048-0.0603i	-0.3812-0.0632i	-0.3934-0.0618i
18.7	-2.3408-0.5781i	2.4790+0.4728i	-2.0871-0.6988i	2.1161+0.5889i	-0.2911-0.0496i	-0.2847-0.0530i	-0.3583-0.0537i	-0.3684-0.0520i
18.8	-2.2276-0.5908i	2.3456+0.4706i	-2.0963-0.6645i	2.1042+0.5370i	-0.2771-0.0486i	-0.2708-0.0520i	-0.3424-0.0526i	-0.3501-0.0497i
18.9	-2.1613-0.5860i	2.2692+0.4572i	-2.0817-0.6107i	2.0785+0.4747i	-0.2682-0.0468i	-0.2622-0.0503i	-0.3329-0.0506i	-0.3376-0.0470i
19.0	-2.0598-0.5420i	2.1541+0.4062i	-2.0444-0.5380i	2.0291+0.3956i	-0.2547-0.0407i	-0.2487-0.0442i	-0.3166-0.0427i	-0.3192-0.0396i
19.1	-1.9806-0.5070i	2.0600+0.3693i	-1.9884-0.4752i	1.9590+0.3345i	-0.2433-0.0366i	-0.2374-0.0403i	-0.3029-0.0377i	-0.3036-0.0346i
19.2	-1.9386-0.4998i	2.0082+0.3645i	-1.9321-0.4369i	1.8948+0.3012i	-0.2373-0.0363i	-0.2315-0.0402i	-0.2963-0.0376i	-0.2944-0.0343i
19.3	-1.8794-0.4778i	1.9437+0.3467i	-1.8706-0.3980i	1.8288+0.2666i	-0.2304-0.0340i	-0.2247-0.0377i	-0.2892-0.0340i	-0.2843-0.0320i
19.4	-1.8144-0.4573i	1.8749+0.3281i	-1.8140-0.3717i	1.7690+0.2428i	-0.2223-0.0319i	-0.2166-0.0357i	-0.2798-0.0308i	-0.2729-0.0307i
19.5	-1.7050-0.3976i	1.7560+0.2721i	-1.7381-0.3226i	1.6882+0.1990i	-0.2080-0.0248i	-0.2023-0.0287i	-0.2617-0.0215i	-0.2546-0.0229i
19.6	-1.6618-0.3869i	1.7098+0.2640i	-1.6928-0.3094i	1.6381+0.1885i	-0.2025-0.0236i	-0.1968-0.0274i	-0.2556-0.0203i	-0.2462-0.0210i
19.7	-1.6252-0.3699i	1.6679+0.2492i	-1.6473-0.2951i	1.5915+0.1782i	-0.1979-0.0213i	-0.1923-0.0250i	-0.2505-0.0167i	-0.2392-0.0185i
19.8	-1.5894-0.3583i	1.6310+0.2396i	-1.6076-0.2779i	1.5506+0.1603i	-0.1941-0.0197i	-0.1883-0.0234i	-0.2468-0.0135i	-0.2337-0.0171i
19.9	-1.5276-0.3417i	1.5652+0.2223i	-1.5562-0.2556i	1.4960+0.1385i	-0.1860-0.0174i	-0.1800-0.0216i	-0.2373-0.0110i	-0.2220-0.0152i
20.0	-1.4664-0.3289i	1.5021+0.2084i	-1.5054-0.2363i	1.4439+0.1222i	-0.1784-0.0154i	-0.1723-0.0197i	-0.2287-0.0077i	-0.2107-0.0136i
20.1	-1.3989-0.3101i	1.4312+0.1903i	-1.4521-0.2213i	1.3887+0.1110i	-0.1696-0.0131i	-0.1640-0.0174i	-0.2188-0.0041i	-0.1988-0.0116i
20.2	-1.3853-0.3043i	1.4097+0.1873i	-1.4202-0.2200i	1.3476+0.1127i	-0.1665-0.0122i	-0.1609-0.0167i	-0.2151-0.0015i	-0.1938-0.0123i
20.3	-1.3552-0.2835i	1.3747+0.1674i	-1.3913-0.2107i	1.3123+0.1066i	-0.1621-0.0096i	-0.1566-0.0144i	-0.2100+0.0035i	-0.1873-0.0111i
20.4	-1.3114-0.2626i	1.3237+0.1516i	-1.3505-0.1966i	1.2688+0.0984i	-0.1560-0.0071i	-0.1510-0.0121i	-0.2030+0.0083i	-0.1793-0.0099i
20.5	-1.2761-0.2490i	1.2849+0.1419i	-1.3243-0.1853i	1.2409+0.0934i	-0.1513-0.0056i	-0.1463-0.0105i	-0.1971+0.0120i	-0.1726-0.0096i
20.6	-1.2413-0.2194i	1.2441+0.1211i	-1.2901-0.1631i	1.2038+0.0820i	-0.1461-0.0019i	-0.1412-0.0069i	-0.1899+0.0194i	-0.1663-0.0086i
20.7	-1.2046-0.2156i	1.2094+0.1200i	-1.2511-0.1601i	1.1686+0.0838i	-0.1410-0.0011i	-0.1362-0.0066i	-0.1816+0.0220i	-0.1606-0.0102i
20.8	-1.1798-0.2126i	1.1819+0.1192i	-1.2266-0.1578i	1.1436+0.0827i	-0.1375-0.0002i	-0.1329-0.0055i	-0.1757+0.0255i	-0.1575-0.0102i
20.9	-1.1448-0.2026i	1.1470+0.1161i	-1.1980-0.1487i	1.1183+0.0815i	-0.1322+0.0006i	-0.1278-0.0047i	-0.1669+0.0275i	-0.1528-0.0107i
21.0	-1.1166-0.1893i	1.1166+0.1047i	-1.1720-0.1347i	1.0945+0.0743i	-0.1278+0.0029i	-0.1240-0.0026i	-0.1592+0.0320i	-0.1494-0.0099i
21.1	-1.0861-0.1796i	1.0848+0.0979i	-1.1435-0.1252i	1.0696+0.0665i	-0.1232+0.0036i	-0.1199-0.0021i	-0.1509+0.0320i	-0.1466-0.0096i
21.2	-1.0513-0.1819i	1.0513+0.1002i	-1.1138-0.1271i	1.0392+0.0663i	-0.1176+0.0036i	-0.1142-0.0021i	-0.1404+0.0317i	-0.1416-0.0090i
21.3	-1.0183-0.1818i	1.0154+0.1044i	-1.0846-0.1291i	1.0112+0.0685i	-0.1126+0.0030i	-0.1097-0.0025i	-0.1313+0.0301i	-0.1383-0.0089i
21.4	-1.0013-0.1630i	0.9943+0.0902i	-1.0669-0.1156i	0.9921+0.0590i	-0.1090+0.0041i	-0.1063-0.0011i	-0.1238+0.0307i	-0.1357-0.0071i
21.5	-0.9846-0.1434i	0.9746+0.0753i	-1.0457-0.1001i	0.9684+0.0494i	-0.1054+0.0056i	-0.1029+0.0001i	-0.1174+0.0300i	-0.1318-0.0037i
21.6	-0.9552-0.1383i	0.9451+0.0732i	-1.0203-0.0930i	0.9424+0.0442i	-0.1007+0.0059i	-0.0984+0.0006i	-0.1112+0.0278i	-0.1262-0.0010i
21.7	-0.9260-0.1348i	0.9186+0.0735i	-0.9955-0.0893i	0.9202+0.0447i	-0.0960+0.0051i	-0.0936+0.0003i	-0.1050+0.0252i	-0.1200-0.0009i
21.8	-0.8995-0.1340i	0.8949+0.0759i	-0.9758-0.0860i	0.9000+0.0474i	-0.0922+0.0047i	-0.0900-0.0004i	-0.0997+0.0231i	-0.1151-0.0009i
21.9	-0.8728-0.1236i	0.8719+0.0712i	-0.9527-0.0792i	0.8798+0.0436i	-0.0881+0.0050i	-0.0861-0.0003i	-0.0946+0.0214i	-0.1095+0.0002i
22.0	-0.8606-0.1109i	0.8635+0.0590i	-0.9415-0.0648i	0.8688+0.0327i	-0.0862+0.0053i	-0.0840-0.0000i	-0.0916+0.0203i	-0.1063+0.0008i
22.1	-0.8466-0.0991i	0.8475+0.0491i	-0.9230-0.0548i	0.8516+0.0300i	-0.0832+0.0058i	-0.0815+0.0007i	-0.0886+0.0204i	-0.1022+0.0016i
22.2	-0.8057-0.1000i	0.8077+0.0536i	-0.8914-0.0538i	0.8244+0.0320i	-0.0781+0.0041i	-0.0765-0.0006i	-0.0830+0.0165i	-0.0952+0.0005i
22.3	-0.7840-0.0958i	0.7884+0.0496i	-0.8752-0.0477i	0.8102+0.0263i	-0.0755+0.0036i	-0.0736-0.0011i	-0.0801+0.0144i	-0.0910-0.0003i
22.4	-0.7638-0.0866i	0.7670+0.0429i	-0.8510-0.0353i	0.7902+0.0199i	-0.0721+0.0034i	-0.0705-0.0016i	-0.0766+0.0131i	-0.0853-0.0010i
22.5	-0.7539-0.0803i	0.7550+0.0384i	-0.8348-0.0277i	0.7760+0.0172i	-0.0709+0.0039i	-0.0699-0.0015i	-0.0760+0.0130i	-0.0838+0.0001i
22.6	-0.7439-0.0868i	0.7457+0.0478i	-0.8196-0.0267i	0.7635+0.0209i	-0.0693+0.0026i	-0.0686-0.0029i	-0.0747+0.0101i	-0.0812-0.0019i
22.7	-0.7185-0.0791i	0.7191+0.0412i	-0.7883-0.0125i	0.7374+0.0134i	-0.0658+0.0023i	-0.0658-0.0026i	-0.0717+0.0098i	-0.0765-0.0039i
22.8	-0.6975-0.0713i	0.6998+0.0330i	-0.7638-0.0066i	0.7191+0.0084i	-0.0637+0.0018i	-0.0639-0.0027i	-0.0693+0.0100i	-0.0751-0.0054i
22.9	-0.6868-0.0636i	0.6922+0.0278i	-0.7402-0.0014i	0.7042+0.0013i	-0.0635+0.0021i	-0.0636-0.0024i	-0.0690+0.0106i	-0.0756-0.0045i
23.0	-0.6786-0.0710i	0.6837+0.0343i	-0.7253-0.0140i	0.6924+0.0122i	-0.0621+0.0015i	-0.0625-0.0028i	-0.0676+0.0093i	-0.0747-0.0047i
23.1	-0.6505-0.0637i	0.6548+0.0316i	-0.6979-0.0123i	0.6682+0.0122i	-0.0586+0.0007i	-0.0592-0.0031i	-0.0635+0.0082i	-0.0706-0.0059i
23.2	-0.6398-0.0691i	0.6478+0.0399i	-0.6807-0.0225i	0.6534+0.0212i	-0.0574-0.0010i	-0.0580-0.0045i	-0.0626+0.0063i	-0.0685-0.0089i
23.3	-0.6179-0.0686i	0.6297+0.0441i	-0.6605-0.0305i	0.6399+0.0256i	-0.0551-0.0024i	-0.0553-0.0051i	-0.0596+0.0047i	-0.0657-0.0102i
23.4	-0.5896-0.0701i	0.6062+0.0439i	-0.6421-0.0349i	0.6231+0.0265i	-0.0529-0.0032i	-0.0528-0.0052i	-0.0563+0.0035i	-0.0639-0.0099i
23.5	-0.5761-0.0657i	0.5967+0.0385i	-0.6292-0.0376i	0.6098+0.0278i	-0.0514-0.0031i	-0.0512-0.0048i	-0.0546+0.0034i	-0.0618-0.0093i
23.6	-0.5746-0.0602i	0.5986+0.0340i	-0.6266-0.0413i	0.6104+0.0295i	-0.0508-0.0026i	-0.0507-0.0046i	-0.0544+0.0037i	-0.0598-0.0095i
23.7	-0.5578-0.0676i	0.5819+0.0413i	-0.6147-0.0452i	0.6002+0.0350i	-0.0496-0.0031i	-0.0492-0.0052i	-0.0532+0.0032i	-0.0579-0.0098i
23.8	-0.5459-0.0578i	0.5685+0.0334i	-0.6067-0.0423i	0.5924+0.0304i	-0.0483-0.0024i	-0.0477-0.0044i	-0.0516+0.0046i	-0.0561-0.0093i
23.9	-0.5326-0.0529i	0.5594+0.0251i	-0.5964-0.0399i	0.5827+0.0270i	-0.0473-0.0023i	-0.0465-0.0043i	-0.0496+0.0042i	-0.0552-0.0092i
24.0	-0.5209-0.0517i	0.5503+0.0224i	-0.5879-0.0362i	0.5728+0.0219i	-0.0459-0.0021i	-0.0450-0.0040i	-0.0480+0.0044i	-0.0532-0.0081i
24.1	-0.5048-0.0528i	0.5339+0.0233i	-0.5741-0.0401i	0.5636+0.0251i	-0.0438-0.0025i	-0.0430-0.0042i	-0.0453+0.0036i	-0.0509-0.0080i
24.2	-0.4925-0.0590i	0.5224+0.0279i	-0.5656-0.0413i	0.5561+0.0267i	-0.0426-0.0031i	-0.0417-0.0050i	-0.0438+0.0028i	-0.0492-0.0095i
24.3	-0.4753-0.0450i	0.5060+0.0158i	-0.5524-0.0313i	0.5397+0.0189i	-0.0403-0.0013i	-0.0392-0.0039i	-0.0411+0.0045i	-0.0460-0.0078i
24.4	-0.4693-0.0391i	0.5026+0.0119i	-0.5441-0.0274i	0.5350+0.0176i	-0.0395-0.0008i	-0.0384-0.0034i	-0.0397+0.0050i	-0.0454-0.0069i
24.5	-0.4556-0.0273i	0.4925+0.0005i	-0.5323-0.0163i	0.5261+0.0085i	-0.0381+0.0002i	-0.0370-0.0020i	-0.0383+0.0064i	-0.0431-0.0052i

24.6	-0.4602-0.0414i	0.4958+0.0117i	-0.5339-0.0264i	0.5254+0.0176i	-0.0386-0.0008i	-0.0373-0.0032i	-0.0391+0.0048i	-0.0436-0.0069i
24.7	-0.4461-0.0437i	0.4846+0.0131i	-0.5194-0.0308i	0.5140+0.0194i	-0.0362-0.0008i	-0.0353-0.0035i	-0.0362+0.0045i	-0.0409-0.0070i
24.8	-0.4283-0.0354i	0.4696+0.0043i	-0.5075-0.0229i	0.5051+0.0094i	-0.0344-0.0006i	-0.0329-0.0029i	-0.0332+0.0051i	-0.0380-0.0062i
24.9	-0.4163-0.0413i	0.4595+0.0112i	-0.4981-0.0244i	0.4996+0.0117i	-0.0330-0.0014i	-0.0313-0.0040i	-0.0316+0.0040i	-0.0356-0.0074i
25.0	-0.4074-0.0449i	0.4537+0.0118i	-0.4909-0.0258i	0.4932+0.0106i	-0.0315-0.0015i	-0.0301-0.0040i	-0.0301+0.0040i	-0.0329-0.0080i
25.1	-0.4128-0.0498i	0.4597+0.0142i	-0.4934-0.0243i	0.4938+0.0064i	-0.0321-0.0019i	-0.0301-0.0046i	-0.0310+0.0034i	-0.0326-0.0089i
25.2	-0.3982-0.0352i	0.4458-0.0032i	-0.4820-0.0125i	0.4836-0.0044i	-0.0306-0.0007i	-0.0285-0.0035i	-0.0288+0.0049i	-0.0306-0.0079i
25.3	-0.3801-0.0137i	0.4260-0.0275i	-0.4692+0.0066i	0.4731-0.0200i	-0.0281+0.0018i	-0.0262-0.0015i	-0.0252+0.0079i	-0.0291-0.0053i
25.4	-0.3519-0.0191i	0.4001-0.0237i	-0.4460+0.0034i	0.4525-0.0183i	-0.0249+0.0010i	-0.0229-0.0023i	-0.0211+0.0068i	-0.0237-0.0052i
25.5	-0.3483-0.0230i	0.3971-0.0222i	-0.4433-0.0017i	0.4507-0.0190i	-0.0245+0.0006i	-0.0226-0.0027i	-0.0206+0.0056i	-0.0224-0.0069i
25.6	-0.3611-0.0215i	0.4131-0.0280i	-0.4496+0.0032i	0.4584-0.0236i	-0.0255+0.0009i	-0.0240-0.0030i	-0.0220+0.0066i	-0.0243-0.0072i
25.7	-0.3435-0.0101i	0.3932-0.0448i	-0.4339+0.0141i	0.4415-0.0329i	-0.0231+0.0021i	-0.0215-0.0017i	-0.0187+0.0079i	-0.0211-0.0056i
25.8	-0.3268-0.0202i	0.3698-0.0363i	-0.4178+0.0040i	0.4243-0.0287i	-0.0208+0.0010i	-0.0189-0.0031i	-0.0167+0.0072i	-0.0172-0.0082i
25.9	-0.3183-0.0265i	0.3562-0.0317i	-0.4083+0.0041i	0.4126-0.0286i	-0.0190+0.0005i	-0.0177-0.0037i	-0.0143+0.0067i	-0.0154-0.0088i
26.0	-0.3040-0.0185i	0.3372-0.0382i	-0.3971+0.0099i	0.3992-0.0326i	-0.0164+0.0008i	-0.0157-0.0033i	-0.0106+0.0069i	-0.0125-0.0088i
26.1	-0.3015-0.0201i	0.3344-0.0358i	-0.3939+0.0079i	0.3956-0.0310i	-0.0158+0.0002i	-0.0151-0.0038i	-0.0100+0.0065i	-0.0114-0.0103i
26.2	-0.2923-0.0192i	0.3252-0.0376i	-0.3866+0.0135i	0.3850-0.0355i	-0.0150+0.0001i	-0.0144-0.0044i	-0.0088+0.0057i	-0.0101-0.0115i
26.3	-0.2823-0.0086i	0.3096-0.0488i	-0.3732+0.0267i	0.3718-0.0492i	-0.0133+0.0011i	-0.0129-0.0034i	-0.0063+0.0063i	-0.0084-0.0103i
26.4	-0.2810-0.0054i	0.3055-0.0512i	-0.3661+0.0343i	0.3656-0.0541i	-0.0129+0.0016i	-0.0122-0.0030i	-0.0051+0.0071i	-0.0082-0.0101i
26.5	-0.2816-0.0130i	0.3071-0.0393i	-0.3655+0.0290i	0.3651-0.0461i	-0.0128+0.0000i	-0.0124-0.0045i	-0.0049+0.0059i	-0.0093-0.0121i
26.6	-0.2693-0.0105i	0.2949-0.0405i	-0.3531+0.0340i	0.3527-0.0457i	-0.0112+0.0002i	-0.0107-0.0039i	-0.0026+0.0066i	-0.0080-0.0118i
26.7	-0.2610-0.0055i	0.2843-0.0432i	-0.3410+0.0352i	0.3438-0.0483i	-0.0097+0.0008i	-0.0095-0.0036i	-0.0003+0.0069i	-0.0063-0.0116i
26.8	-0.2414+0.0043i	0.2660-0.0509i	-0.3299+0.0433i	0.3341-0.0546i	-0.0067+0.0016i	-0.0072-0.0027i	0.0043+0.0076i	-0.0041-0.0102i
26.9	-0.2279+0.0003i	0.2551-0.0467i	-0.3236+0.0421i	0.3289-0.0527i	-0.0053+0.0008i	-0.0056-0.0034i	0.0065+0.0063i	-0.0031-0.0108i
27.0	-0.2169+0.0053i	0.2434-0.0487i	-0.3150+0.0509i	0.3176-0.0543i	-0.0038+0.0013i	-0.0042-0.0031i	0.0095+0.0063i	-0.0014-0.0106i
27.1	-0.2144-0.0016i	0.2420-0.0427i	-0.3100+0.0516i	0.3132-0.0573i	-0.0032+0.0004i	-0.0037-0.0037i	0.0099+0.0052i	-0.0011-0.0119i
27.2	-0.1976+0.0058i	0.2270-0.0496i	-0.2889+0.0679i	0.2993-0.0711i	-0.0007+0.0011i	-0.0018-0.0030i	0.0134+0.0049i	0.0016-0.0093i
27.3	-0.1946+0.0053i	0.2256-0.0481i	-0.2776+0.0724i	0.2924-0.0738i	-0.0003+0.0009i	-0.0013-0.0036i	0.0151+0.0036i	0.0021-0.0095i
27.4	-0.1883+0.0075i	0.2187-0.0496i	-0.2655+0.0761i	0.2804-0.0736i	0.0007+0.0006i	-0.0002-0.0041i	0.0162+0.0029i	0.0036-0.0103i
27.5	-0.1760-0.0016i	0.2040-0.0395i	-0.2482+0.0742i	0.2677-0.0722i	0.0025-0.0008i	0.0012-0.0053i	0.0172+0.0003i	0.0063-0.0110i
27.6	-0.1669+0.0056i	0.1944-0.0449i	-0.2259+0.0832i	0.2502-0.0803i	0.0042+0.0004i	0.0023-0.0042i	0.0188+0.0005i	0.0079-0.0096i
27.7	-0.1521-0.0075i	0.1833-0.0292i	-0.2052+0.0730i	0.2357-0.0686i	0.0063-0.0010i	0.0044-0.0054i	0.0216-0.0018i	0.0112-0.0106i
27.8	-0.1357-0.0085i	0.1662-0.0270i	-0.1783+0.0645i	0.2153-0.0641i	0.0091-0.0015i	0.0065-0.0055i	0.0239-0.0031i	0.0147-0.0100i
27.9	-0.1294-0.0068i	0.1594-0.0280i	-0.1631+0.0582i	0.2012-0.0610i	0.0101-0.0022i	0.0074-0.0058i	0.0249-0.0042i	0.0164-0.0096i
28.0	-0.1173-0.0162i	0.1500-0.0180i	-0.1487+0.0415i	0.1882-0.0495i	0.0114-0.0034i	0.0085-0.0064i	0.0265-0.0060i	0.0176-0.0105i
28.1	-0.1070-0.0156i	0.1412-0.0205i	-0.1392+0.0338i	0.1836-0.0459i	0.0124-0.0035i	0.0097-0.0062i	0.0277-0.0054i	0.0192-0.0112i
28.2	-0.1011-0.0135i	0.1365-0.0188i	-0.1339+0.0288i	0.1782-0.0418i	0.0135-0.0032i	0.0106-0.0056i	0.0285-0.0050i	0.0214-0.0104i
28.3	-0.0904-0.0153i	0.1244-0.0122i	-0.1245+0.0199i	0.1665-0.0336i	0.0150-0.0035i	0.0120-0.0057i	0.0301-0.0059i	0.0248-0.0095i
28.4	-0.0954-0.0158i	0.1305-0.0117i	-0.1213+0.0169i	0.1669-0.0290i	0.0147-0.0038i	0.0115-0.0057i	0.0291-0.0063i	0.0245-0.0101i
28.5	-0.0768-0.0283i	0.1223+0.0009i	-0.1116+0.0034i	0.1634-0.0139i	0.0180-0.0060i	0.0150-0.0074i	0.0334-0.0086i	0.0287-0.0129i
28.6	-0.0677-0.0290i	0.1134+0.0030i	-0.1097-0.0007i	0.1629-0.0115i	0.0193-0.0069i	0.0165-0.0078i	0.0356-0.0106i	0.0305-0.0138i
28.7	-0.0605-0.0319i	0.1091+0.0061i	-0.1075-0.0040i	0.1592-0.0114i	0.0200-0.0074i	0.0178-0.0078i	0.0365-0.0112i	0.0322-0.0142i
28.8	-0.0484-0.0343i	0.1000+0.0102i	-0.0971-0.0125i	0.1525-0.0057i	0.0221-0.0078i	0.0199-0.0086i	0.0389-0.0112i	0.0357-0.0142i
28.9	-0.0420-0.0377i	0.0938+0.0103i	-0.0904-0.0169i	0.1486-0.0065i	0.0236-0.0080i	0.0216-0.0091i	0.0407-0.0119i	0.0391-0.0151i
29.0	-0.0405-0.0410i	0.0931+0.0125i	-0.0879-0.0217i	0.1472-0.0010i	0.0246-0.0087i	0.0219-0.0097i	0.0411-0.0122i	0.0403-0.0164i
29.1	-0.0345-0.0406i	0.0891+0.0111i	-0.0880-0.0258i	0.1470-0.0025i	0.0252-0.0095i	0.0220-0.0097i	0.0412-0.0124i	0.0411-0.0176i
29.2	-0.0192-0.0511i	0.0799+0.0206i	-0.0759-0.0306i	0.1381-0.0015i	0.0272-0.0105i	0.0247-0.0108i	0.0438-0.0143i	0.0457-0.0200i
29.3	-0.0063-0.0514i	0.0692+0.0244i	-0.0648-0.0303i	0.1296+0.0011i	0.0299-0.0109i	0.0274-0.0112i	0.0472-0.0148i	0.0494-0.0200i
29.4	-0.0050-0.0509i	0.0684+0.0267i	-0.0644-0.0300i	0.1296+0.0014i	0.0302-0.0110i	0.0277-0.0112i	0.0476-0.0152i	0.0504-0.0200i
29.5	0.0029-0.0614i	0.0661+0.0312i	-0.0572-0.0343i	0.1272-0.0006i	0.0318-0.0122i	0.0294-0.0122i	0.0502-0.0167i	0.0523-0.0221i
29.6	0.0116-0.0703i	0.0623+0.0376i	-0.0498-0.0417i	0.1212+0.0025i	0.0331-0.0135i	0.0310-0.0131i	0.0521-0.0179i	0.0546-0.0239i
29.7	0.0099-0.0643i	0.0620+0.0349i	-0.0469-0.0377i	0.1182+0.0019i	0.0330-0.0129i	0.0309-0.0123i	0.0512-0.0162i	0.0547-0.0233i
29.8	0.0068-0.0642i	0.0662+0.0336i	-0.0473-0.0379i	0.1187+0.0015i	0.0335-0.0129i	0.0312-0.0123i	0.0508-0.0172i	0.0569-0.0223i
29.9	0.0304-0.0689i	0.0509+0.0365i	-0.0272-0.0424i	0.1058+0.0035i	0.0380-0.0139i	0.0359-0.0135i	0.0567-0.0189i	0.0643-0.0243i
30.0	0.0430-0.0763i	0.0410+0.0400i	-0.0139-0.0448i	0.0964+0.0026i	0.0397-0.0154i	0.0383-0.0147i	0.0594-0.0203i	0.0668-0.0272i
30.1	0.0428-0.0814i	0.0446+0.0427i	-0.0137-0.0493i	0.0924+0.0060i	0.0393-0.0170i	0.0386-0.0163i	0.0603-0.0227i	0.0656-0.0300i
30.2	0.0468-0.0765i	0.0426+0.0374i	-0.0075-0.0478i	0.0838+0.0016i	0.0404-0.0169i	0.0396-0.0161i	0.0603-0.0227i	0.0685-0.0291i
30.3	0.0535-0.0766i	0.0387+0.0412i	0.0014-0.0495i	0.0818+0.0057i	0.0412-0.0166i	0.0399-0.0157i	0.0605-0.0218i	0.0694-0.0291i
30.4	0.0664-0.0800i	0.0284+0.0388i	0.0151-0.0527i	0.0725+0.0007i	0.0439-0.0163i	0.0419-0.0154i	0.0638-0.0216i	0.0739-0.0290i
30.5	0.0681-0.0896i	0.0303+0.0416i	0.0234-0.0642i	0.0655+0.0052i	0.0460-0.0183i	0.0440-0.0173i	0.0650-0.0248i	0.0786-0.0317i
30.6	0.0715-0.0982i	0.0269+0.0511i	0.0295-0.0696i	0.0567+0.0061i	0.0465-0.0199i	0.0454-0.0189i	0.0653-0.0267i	0.0804-0.0335i
30.7	0.0793-0.1021i	0.0214+0.0562i	0.0400-0.0831i	0.0513+0.0167i	0.0485-0.0214i	0.0475-0.0202i	0.0672-0.0272i	0.0831-0.0377i
30.8	0.0846-0.0957i	0.0219+0.0504i	0.0516-0.0824i	0.0398+0.0181i	0.0510-0.0204i	0.0493-0.0191i	0.0696-0.0256i	0.0870-0.0368i

30.9	0.0984-0.0858i	0.0135+0.0444i	0.0600-0.0799i	0.0344+0.0183i	0.0533-0.0198i	0.0520-0.0178i	0.0747-0.0237i	0.0898-0.0366i
31.0	0.0960-0.1001i	0.0206+0.0506i	0.0625-0.0863i	0.0347+0.0245i	0.0528-0.0207i	0.0522-0.0198i	0.0738-0.0241i	0.0911-0.0400i
31.1	0.0868-0.1011i	0.0256+0.0493i	0.0664-0.0882i	0.0274+0.0239i	0.0522-0.0211i	0.0519-0.0201i	0.0715-0.0231i	0.0924-0.0427i
31.2	0.1096-0.1081i	0.0103+0.0533i	0.0875-0.1036i	0.0132+0.0335i	0.0565-0.0225i	0.0561-0.0210i	0.0758-0.0238i	0.0989-0.0453i
31.3	0.1257-0.0969i	0.0007+0.0476i	0.0996-0.1121i	0.0094+0.0458i	0.0601-0.0213i	0.0590-0.0198i	0.0815-0.0200i	0.1034-0.0457i
31.4	0.1405-0.0992i	-0.0035+0.0449i	0.1172-0.1205i	0.0020+0.0531i	0.0635-0.0209i	0.0625-0.0201i	0.0873-0.0178i	0.1079-0.0475i
31.5	0.1580-0.1046i	-0.0175+0.0469i	0.1272-0.1454i	-0.0058+0.0732i	0.0679-0.0233i	0.0667-0.0223i	0.0958-0.0207i	0.1108-0.0523i
31.6	0.1697-0.1181i	-0.0222+0.0537i	0.1262-0.1624i	-0.0039+0.0855i	0.0702-0.0258i	0.0691-0.0248i	0.0996-0.0228i	0.1139-0.0566i
31.7	0.1746-0.1274i	-0.0226+0.0603i	0.1269-0.1825i	-0.0053+0.1017i	0.0709-0.0278i	0.0703-0.0267i	0.1019-0.0227i	0.1150-0.0630i
31.8	0.1969-0.1161i	-0.0391+0.0509i	0.1480-0.1843i	-0.0160+0.0955i	0.0758-0.0266i	0.0760-0.0248i	0.1116-0.0178i	0.1204-0.0635i
31.9	0.2026-0.1181i	-0.0396+0.0498i	0.1501-0.1840i	-0.0098+0.0937i	0.0775-0.0263i	0.0778-0.0247i	0.1145-0.0188i	0.1229-0.0620i
32.0	0.2301-0.1337i	-0.0531+0.0581i	0.1628-0.2085i	-0.0158+0.1124i	0.0841-0.0293i	0.0845-0.0271i	0.1253-0.0241i	0.1317-0.0651i
32.1	0.2498-0.1518i	-0.0639+0.0645i	0.1751-0.2356i	-0.0238+0.1300i	0.0890-0.0334i	0.0897-0.0317i	0.1347-0.0285i	0.1381-0.0744i
32.2	0.2706-0.1675i	-0.0787+0.0735i	0.1842-0.2657i	-0.0285+0.1518i	0.0944-0.0370i	0.0947-0.0356i	0.1443-0.0332i	0.1436-0.0801i
32.3	0.2741-0.1778i	-0.0746+0.0779i	0.1756-0.2705i	-0.0176+0.1528i	0.0958-0.0381i	0.0964-0.0370i	0.1484-0.0344i	0.1436-0.0821i
32.4	0.2852-0.1891i	-0.0759+0.0816i	0.1708-0.2797i	-0.0085+0.1572i	0.0995-0.0405i	0.1005-0.0396i	0.1592-0.0378i	0.1452-0.0868i
32.5	0.3145-0.2106i	-0.0910+0.0941i	0.1736-0.3045i	-0.0039+0.1750i	0.1051-0.0451i	0.1068-0.0442i	0.1675-0.0453i	0.1546-0.0933i
32.6	0.3424-0.2268i	-0.1017+0.1006i	0.1785-0.3267i	0.0073+0.1863i	0.1124-0.0492i	0.1142-0.0487i	0.1806-0.0558i	0.1628-0.0964i
32.7	0.3809-0.2632i	-0.1192+0.1201i	0.1910-0.3568i	0.0149+0.2065i	0.1224-0.0549i	0.1243-0.0547i	0.2008-0.0652i	0.1743-0.1046i
32.8	0.4007-0.2836i	-0.1276+0.1310i	0.1856-0.3786i	0.0245+0.2197i	0.1272-0.0599i	0.1293-0.0597i	0.2108-0.0737i	0.1798-0.1114i
32.9	0.4168-0.3179i	-0.1289+0.1449i	0.1728-0.4106i	0.0456+0.2313i	0.1339-0.0684i	0.1359-0.0690i	0.2240-0.0910i	0.1859-0.1206i
33.0	0.4596-0.3547i	-0.1509+0.1654i	0.1674-0.4338i	0.0653+0.2466i	0.1444-0.0768i	0.1468-0.0771i	0.2411-0.1082i	0.2013-0.1282i
33.1	0.4814-0.3928i	-0.1612+0.1773i	0.1581-0.4463i	0.0852+0.2462i	0.1514-0.0854i	0.1537-0.0861i	0.2502-0.1249i	0.2136-0.1389i
33.2	0.5019-0.4702i	-0.1582+0.2087i	0.1458-0.4745i	0.1163+0.2383i	0.1586-0.1016i	0.1617-0.1036i	0.2598-0.1604i	0.2261-0.1556i
33.3	0.5176-0.5150i	-0.1576+0.2259i	0.1453-0.4847i	0.1336+0.2282i	0.1652-0.1122i	0.1674-0.1150i	0.2684-0.1809i	0.2364-0.1694i
33.4	0.5606-0.5865i	-0.1696+0.2492i	0.1536-0.5064i	0.1496+0.2127i	0.1777-0.1284i	0.1800-0.1316i	0.2844-0.2103i	0.2581-0.1917i
33.5	0.5796-0.7154i	-0.1712+0.2985i	0.1709-0.5404i	0.1593+0.1849i	0.1876-0.1580i	0.1889-0.1629i	0.2937-0.2619i	0.2761-0.2356i
33.6	0.5621-0.8042i	-0.1560+0.3339i	0.1917-0.5636i	0.1449+0.1669i	0.1887-0.1812i	0.1878-0.1881i	0.2869-0.3019i	0.2800-0.2696i
33.7	0.5877-0.9290i	-0.1632+0.3815i	0.2318-0.6380i	0.1351+0.1790i	0.1986-0.2155i	0.1953-0.2223i	0.2909-0.3601i	0.2995-0.3163i
33.8	0.5951-1.0761i	-0.1511+0.4342i	0.2659-0.7226i	0.1225+0.1819i	0.2021-0.2527i	0.1975-0.2603i	0.2852-0.4201i	0.3103-0.3714i
33.9	0.5360-1.2660i	-0.1080+0.4896i	0.2687-0.8871i	0.1175+0.2168i	0.1918-0.3035i	0.1840-0.3094i	0.2561-0.4969i	0.2993-0.4461i
34.0	0.4191-1.5250i	-0.0532+0.5757i	0.1971-1.1109i	0.1443+0.2773i	0.1714-0.3690i	0.1616-0.3735i	0.2027-0.5942i	0.2809-0.5426i
34.1	0.2009-1.7640i	0.0510+0.6334i	0.0330-1.3097i	0.2148+0.3096i	0.1264-0.4324i	0.1138-0.4363i	0.1081-0.6812i	0.2306-0.6440i
34.2	-0.2132-1.9257i	0.2069+0.6494i	-0.3003-1.4308i	0.3308+0.2797i	0.0299-0.4880i	0.0136-0.4875i	-0.0616-0.7369i	0.1010-0.7423i
34.3	-0.8634-1.8753i	0.4214+0.5618i	-0.7739-1.3604i	0.4174+0.1485i	-0.1308-0.4989i	-0.1486-0.4903i	-0.3084-0.7031i	-0.1434-0.7879i
34.4	-1.2475-1.6365i	0.5320+0.4409i	-1.0367-1.1766i	0.4258+0.0477i	-0.2361-0.4508i	-0.2516-0.4370i	-0.4526-0.5963i	-0.3141-0.7351i
34.5	-1.5815-1.0305i	0.5890+0.1921i	-1.2740-0.7616i	0.3870-0.0808i	-0.3413-0.3108i	-0.3506-0.2913i	-0.5657-0.3507i	-0.5015-0.5388i
34.6	-1.6419-0.5397i	0.5529+0.0145i	-1.3187-0.4255i	0.3303-0.1529i	-0.3709-0.1889i	-0.3742-0.1675i	-0.5731-0.1585i	-0.5658-0.3553i
34.7	-1.4956-0.2060i	0.4643-0.0901i	-1.2327-0.1780i	0.2666-0.1901i	-0.3450-0.0989i	-0.3434-0.0784i	-0.5069-0.0321i	-0.5403-0.2114i
34.8	-1.2637-0.0111i	0.3632-0.1290i	-1.0742-0.0021i	0.1962-0.2115i	-0.2928-0.0409i	-0.2874-0.0233i	-0.4104+0.0377i	-0.4687-0.1124i
34.9	-1.0133+0.1256i	0.2493-0.1476i	-0.8951+0.1213i	0.1257-0.2138i	-0.2330-0.0005i	-0.2245+0.0142i	-0.3067+0.0791i	-0.3828-0.0397i
35.0	-0.8604+0.1752i	0.1828-0.1502i	-0.7740+0.1789i	0.0797-0.2076i	-0.1953+0.0168i	-0.1856+0.0288i	-0.2448+0.0920i	-0.3269-0.0076i
35.1	-0.7090+0.2087i	0.1191-0.1457i	-0.6378+0.2082i	0.0207-0.1863i	-0.1571+0.0296i	-0.1472+0.0393i	-0.1873+0.0973i	-0.2674+0.0191i
35.2	-0.5918+0.2154i	0.0743-0.1306i	-0.5342+0.2076i	-0.0197-0.1568i	-0.1256+0.0344i	-0.1154+0.0428i	-0.1410+0.0943i	-0.2173+0.0324i
35.3	-0.4840+0.1870i	0.0395-0.1030i	-0.4449+0.1833i	-0.0491-0.1286i	-0.0983+0.0280i	-0.0874+0.0350i	-0.1015+0.0760i	-0.1736+0.0266i
35.4	-0.4037+0.1682i	0.0078-0.0870i	-0.3878+0.1532i	-0.0563-0.0968i	-0.0764+0.0236i	-0.0653+0.0298i	-0.0723+0.0660i	-0.1370+0.0198i
35.5	-0.3274+0.1601i	-0.0214-0.0774i	-0.3307+0.1310i	-0.0703-0.0637i	-0.0555+0.0245i	-0.0450+0.0296i	-0.0429+0.0608i	-0.1038+0.0245i
35.6	-0.2638+0.1237i	-0.0413-0.0447i	-0.2889+0.1184i	-0.0748-0.0515i	-0.0416+0.0152i	-0.0308+0.0192i	-0.0240+0.0428i	-0.0812+0.0116i
35.7	-0.2385+0.0982i	-0.0509-0.0268i	-0.2696+0.0956i	-0.0699-0.0309i	-0.0314+0.0082i	-0.0204+0.0115i	-0.0122+0.0295i	-0.0616+0.0026i
35.8	-0.2063+0.0741i	-0.0605-0.0171i	-0.2417+0.0657i	-0.0709-0.0014i	-0.0188+0.0065i	-0.0087+0.0075i	0.0030+0.0236i	-0.0394-0.0011i
35.9	-0.1674+0.0656i	-0.0782-0.0133i	-0.2184+0.0567i	-0.0773+0.0092i	-0.0075+0.0028i	0.0021+0.0034i	0.0179+0.0170i	-0.0224-0.0074i
36.0	-0.1440+0.0504i	-0.0876-0.0044i	-0.2058+0.0502i	-0.0750+0.0221i	0.0009+0.0013i	0.0107+0.0004i	0.0288+0.0135i	-0.0072-0.0108i
36.1	-0.1160+0.0237i	-0.0963+0.0167i	-0.1931+0.0375i	-0.0690+0.0251i	0.0094-0.0066i	0.0179-0.0084i	0.0389+0.0009i	0.0060-0.0235i
36.2	-0.0910+0.0043i	-0.1070+0.0260i	-0.1779+0.0273i	-0.0696+0.0253i	0.0160-0.0136i	0.0244-0.0153i	0.0463-0.0086i	0.0183-0.0357i
36.3	-0.0770+0.0036i	-0.1118+0.0250i	-0.1709+0.0237i	-0.0710+0.0305i	0.0204-0.0133i	0.0291-0.0152i	0.0542-0.0078i	0.0238-0.0368i
36.4	-0.0709-0.0427i	-0.1141+0.0524i	-0.1607+0.0122i	-0.0686+0.0321i	0.0260-0.0242i	0.0339-0.0275i	0.0584-0.0243i	0.0336-0.0558i
36.5	-0.0692-0.0656i	-0.1140+0.0659i	-0.1565+0.0047i	-0.0687+0.0380i	0.0283-0.0324i	0.0357-0.0359i	0.0603-0.0364i	0.0379-0.0705i
36.6	-0.0512-0.0848i	-0.1223+0.0797i	-0.1515-0.0100i	-0.0698+0.0428i	0.0348-0.0423i	0.0420-0.0451i	0.0669-0.0517i	0.0503-0.0861i
36.7	-0.0491-0.1034i	-0.1241+0.0907i	-0.1390-0.0220i	-0.0729+0.0463i	0.0395-0.0513i	0.0455-0.0545i	0.0720-0.0615i	0.0570-0.1038i
36.8	-0.0376-0.1094i	-0.1314+0.0982i	-0.1203-0.0277i	-0.0786+0.0500i	0.0456-0.0549i	0.0503-0.0586i	0.0821-0.0669i	0.0636-0.1101i
36.9	-0.0430-0.1180i	-0.1274+0.1123i	-0.1120-0.0233i	-0.0806+0.0500i	0.0453-0.0585i	0.0494-0.0626i	0.0817-0.0737i	0.0622-0.1163i
37.0	-0.0470-0.1349i	-0.1254+0.1208i	-0.1031-0.0266i	-0.0856+0.0503i	0.0450-0.0644i	0.0492-0.0690i	0.0836-0.0798i	0.0584-0.1302i
37.1	-0.0419-0.1435i	-0.1300+0.1203i	-0.0957-0.0373i	-0.0891+0.0589i	0.0482-0.0714i	0.0515-0.0765i	0.0885-0.0882i	0.0624-0.1444i

37.2	-0.0425-0.1513i	-0.1267+0.1283i	-0.0911-0.0474i	-0.0879+0.0604i	0.0495-0.0796i	0.0523-0.0835i	0.0912-0.0975i	0.0627-0.1577i
37.3	-0.0372-0.1622i	-0.1308+0.1395i	-0.0794-0.0593i	-0.0948+0.0689i	0.0501-0.0880i	0.0524-0.0909i	0.0954-0.1062i	0.0584-0.1728i
37.4	-0.0358-0.1811i	-0.1370+0.1576i	-0.0781-0.0695i	-0.0967+0.0719i	0.0498-0.0995i	0.0512-0.1019i	0.0964-0.1210i	0.0536-0.1931i
37.5	-0.0434-0.1812i	-0.1307+0.1614i	-0.0747-0.0711i	-0.1000+0.0709i	0.0487-0.1033i	0.0493-0.1055i	0.0993-0.1254i	0.0446-0.2004i
37.6	-0.0498-0.1874i	-0.1279+0.1673i	-0.0718-0.0860i	-0.1061+0.0771i	0.0489-0.1114i	0.0494-0.1132i	0.1000-0.1368i	0.0428-0.2137i
37.7	-0.0662-0.1890i	-0.1201+0.1662i	-0.0773-0.0990i	-0.1048+0.0905i	0.0430-0.1124i	0.0434-0.1143i	0.0961-0.1396i	0.0294-0.2137i
37.8	-0.0651-0.1880i	-0.1152+0.1700i	-0.0731-0.1011i	-0.1067+0.0985i	0.0429-0.1175i	0.0424-0.1186i	0.1008-0.1516i	0.0226-0.2165i
37.9	-0.0691-0.1926i	-0.1107+0.1838i	-0.0713-0.1189i	-0.1133+0.1114i	0.0333-0.1283i	0.0338-0.1275i	0.0935-0.1685i	-0.0008-0.2303i
38.0	-0.0819-0.1906i	-0.1019+0.1802i	-0.0816-0.1225i	-0.1125+0.1166i	0.0232-0.1260i	0.0242-0.1260i	0.0838-0.1655i	-0.0208-0.2255i
38.1	-0.0874-0.1843i	-0.0953+0.1761i	-0.0923-0.1217i	-0.1071+0.1257i	0.0212-0.1243i	0.0225-0.1245i	0.0792-0.1679i	-0.0230-0.2186i
38.2	-0.0913-0.1922i	-0.0927+0.1846i	-0.0996-0.1384i	-0.0991+0.1373i	0.0132-0.1358i	0.0147-0.1344i	0.0678-0.1929i	-0.0364-0.2247i
38.3	-0.1031-0.1910i	-0.0880+0.1897i	-0.1179-0.1341i	-0.0920+0.1379i	0.0037-0.1357i	0.0057-0.1343i	0.0554-0.1950i	-0.0529-0.2208i
38.4	-0.1004-0.1893i	-0.0892+0.1922i	-0.1252-0.1383i	-0.0898+0.1407i	0.0036-0.1410i	0.0061-0.1387i	0.0566-0.2037i	-0.0540-0.2267i
38.5	-0.1152-0.1894i	-0.0703+0.1925i	-0.1352-0.1373i	-0.0820+0.1384i	-0.0070-0.1397i	-0.0035-0.1375i	0.0416-0.2102i	-0.0706-0.2171i
38.6	-0.1162-0.1877i	-0.0700+0.1961i	-0.1506-0.1349i	-0.0765+0.1357i	-0.0128-0.1438i	-0.0083-0.1405i	0.0353-0.2198i	-0.0814-0.2200i
38.7	-0.1157-0.1733i	-0.0698+0.1954i	-0.1564-0.1289i	-0.0758+0.1391i	-0.0200-0.1432i	-0.0144-0.1401i	0.0192-0.2220i	-0.0856-0.2164i
38.8	-0.1198-0.1684i	-0.0662+0.1958i	-0.1597-0.1240i	-0.0770+0.1436i	-0.0278-0.1471i	-0.0218-0.1441i	0.0048-0.2349i	-0.0951-0.2148i
38.9	-0.1268-0.1629i	-0.0567+0.1928i	-0.1637-0.1129i	-0.0802+0.1433i	-0.0366-0.1437i	-0.0297-0.1408i	-0.0072-0.2372i	-0.1107-0.2015i
39.0	-0.1201-0.1538i	-0.0668+0.1942i	-0.1792-0.1014i	-0.0767+0.1459i	-0.0410-0.1406i	-0.0326-0.1385i	-0.0155-0.2343i	-0.1139-0.1951i
39.1	-0.1154-0.1442i	-0.0753+0.1911i	-0.1771-0.0861i	-0.0820+0.1453i	-0.0368-0.1407i	-0.0292-0.1385i	-0.0119-0.2361i	-0.1050-0.1943i
39.2	-0.1155-0.1451i	-0.0711+0.1948i	-0.1767-0.0661i	-0.0811+0.1442i	-0.0435-0.1338i	-0.0349-0.1334i	-0.0254-0.2288i	-0.1101-0.1824i
39.3	-0.1123-0.1462i	-0.0613+0.2024i	-0.1731-0.0571i	-0.0753+0.1482i	-0.0503-0.1319i	-0.0409-0.1329i	-0.0363-0.2313i	-0.1199-0.1766i
39.4	-0.1077-0.1341i	-0.0560+0.2034i	-0.1650-0.0524i	-0.0720+0.1560i	-0.0560-0.1316i	-0.0466-0.1328i	-0.0491-0.2336i	-0.1238-0.1730i
39.5	-0.1075-0.1246i	-0.0542+0.2017i	-0.1646-0.0402i	-0.0731+0.1544i	-0.0605-0.1254i	-0.0505-0.1271i	-0.0609-0.2243i	-0.1248-0.1618i
39.6	-0.1005-0.1228i	-0.0534+0.1969i	-0.1570-0.0358i	-0.0741+0.1555i	-0.0600-0.1233i	-0.0505-0.1253i	-0.0655-0.2201i	-0.1202-0.1598i
39.7	-0.0954-0.1193i	-0.0474+0.2027i	-0.1513-0.0305i	-0.0718+0.1623i	-0.0664-0.1233i	-0.0567-0.1260i	-0.0797-0.2209i	-0.1262-0.1611i
39.8	-0.0906-0.1165i	-0.0424+0.1979i	-0.1489-0.0277i	-0.0621+0.1667i	-0.0704-0.1177i	-0.0616-0.1220i	-0.0873-0.2103i	-0.1334-0.1566i
39.9	-0.0858-0.1067i	-0.0471+0.1859i	-0.1457-0.0207i	-0.0575+0.1588i	-0.0703-0.1131i	-0.0610-0.1172i	-0.0901-0.2042i	-0.1297-0.1480i
40.0	-0.0787-0.1100i	-0.0474+0.1889i	-0.1354-0.0095i	-0.0626+0.1573i	-0.0687-0.1075i	-0.0591-0.1120i	-0.0900-0.1956i	-0.1247-0.1403i
40.1	-0.0756-0.1027i	-0.0454+0.1818i	-0.1242-0.0061i	-0.0650+0.1531i	-0.0673-0.1048i	-0.0592-0.1084i	-0.0897-0.1885i	-0.1232-0.1370i
40.2	-0.0778-0.1032i	-0.0358+0.1779i	-0.1128-0.0011i	-0.0582+0.1506i	-0.0741-0.0970i	-0.0669-0.1017i	-0.1036-0.1762i	-0.1314-0.1265i
40.3	-0.0780-0.1036i	-0.0338+0.1749i	-0.1011+0.0021i	-0.0564+0.1473i	-0.0750-0.0926i	-0.0681-0.0975i	-0.1058-0.1702i	-0.1316-0.1185i
40.4	-0.0689-0.1040i	-0.0384+0.1775i	-0.1055+0.0018i	-0.0575+0.1497i	-0.0752-0.0925i	-0.0677-0.0982i	-0.1058-0.1698i	-0.1295-0.1197i
40.5	-0.0615-0.1013i	-0.0406+0.1744i	-0.0998+0.0024i	-0.0548+0.1470i	-0.0771-0.0879i	-0.0698-0.0943i	-0.1135-0.1622i	-0.1291-0.1138i
40.6	-0.0538-0.0928i	-0.0449+0.1692i	-0.0894+0.0041i	-0.0605+0.1490i	-0.0717-0.0845i	-0.0645-0.0910i	-0.1076-0.1565i	-0.1201-0.1102i
40.7	-0.0478-0.0976i	-0.0466+0.1685i	-0.0838+0.0053i	-0.0615+0.1477i	-0.0719-0.0792i	-0.0646-0.0865i	-0.1081-0.1473i	-0.1197-0.1036i
40.8	-0.0500-0.0984i	-0.0433+0.1663i	-0.0730+0.0089i	-0.0623+0.1455i	-0.0728-0.0760i	-0.0662-0.0829i	-0.1106-0.1414i	-0.1209-0.0996i
40.9	-0.0457-0.0905i	-0.0480+0.1599i	-0.0660+0.0060i	-0.0679+0.1446i	-0.0705-0.0731i	-0.0636-0.0795i	-0.1076-0.1360i	-0.1155-0.0958i
41.0	-0.0412-0.0919i	-0.0493+0.1618i	-0.0609+0.0043i	-0.0682+0.1471i	-0.0721-0.0722i	-0.0650-0.0791i	-0.1120-0.1334i	-0.1168-0.0955i
41.1	-0.0336-0.0858i	-0.0501+0.1643i	-0.0499+0.0063i	-0.0683+0.1558i	-0.0718-0.0735i	-0.0652-0.0809i	-0.1165-0.1346i	-0.1142-0.0985i
41.2	-0.0257-0.0851i	-0.0558+0.1616i	-0.0535+0.0022i	-0.0682+0.1573i	-0.0670-0.0704i	-0.0605-0.0781i	-0.1084-0.1285i	-0.1070-0.0956i
41.3	-0.0273-0.0897i	-0.0508+0.1624i	-0.0536+0.0138i	-0.0580+0.1566i	-0.0647-0.0698i	-0.0589-0.0785i	-0.1057-0.1325i	-0.1037-0.0923i
41.4	-0.0182-0.0865i	-0.0696+0.1559i	-0.0529+0.0172i	-0.0699+0.1488i	-0.0571-0.0665i	-0.0511-0.0746i	-0.0907-0.1281i	-0.0930-0.0844i
41.5	-0.0208-0.0954i	-0.0611+0.1594i	-0.0398+0.0178i	-0.0714+0.1492i	-0.0612-0.0649i	-0.0559-0.0734i	-0.1016-0.1222i	-0.0970-0.0849i
41.6	-0.0153-0.0957i	-0.0645+0.1534i	-0.0324+0.0047i	-0.0747+0.1555i	-0.0591-0.0606i	-0.0542-0.0690i	-0.1011-0.1124i	-0.0929-0.0822i
41.7	-0.0059-0.0898i	-0.0649+0.1458i	-0.0183+0.0007i	-0.0783+0.1567i	-0.0617-0.0593i	-0.0562-0.0674i	-0.1078-0.1075i	-0.0937-0.0821i
41.8	0.0009-0.0925i	-0.0755+0.1522i	-0.0193-0.0011i	-0.0721+0.1610i	-0.0576-0.0574i	-0.0520-0.0660i	-0.1007-0.1015i	-0.0880-0.0828i
41.9	0.0003-0.0910i	-0.0757+0.1411i	-0.0165-0.0031i	-0.0744+0.1524i	-0.0576-0.0528i	-0.0525-0.0624i	-0.1011-0.0915i	-0.0881-0.0808i
42.0	0.0052-0.0920i	-0.0761+0.1463i	-0.0088+0.0084i	-0.0760+0.1556i	-0.0584-0.0560i	-0.0536-0.0663i	-0.1035-0.0971i	-0.0891-0.0861i
42.1	0.0174-0.0857i	-0.0917+0.1471i	-0.0039+0.0066i	-0.0850+0.1616i	-0.0535-0.0571i	-0.0483-0.0675i	-0.0977-0.0984i	-0.0815-0.0877i
42.2	0.0220-0.0829i	-0.1044+0.1464i	-0.0127-0.0005i	-0.0911+0.1728i	-0.0464-0.0554i	-0.0414-0.0662i	-0.0835-0.0927i	-0.0742-0.0875i
42.3	0.0195-0.0873i	-0.0975+0.1603i	-0.0119+0.0057i	-0.0822+0.1784i	-0.0471-0.0594i	-0.0430-0.0699i	-0.0822-0.0990i	-0.0792-0.0939i
42.4	0.0199-0.0934i	-0.0865+0.1675i	0.0018+0.0104i	-0.0779+0.1914i	-0.0486-0.0610i	-0.0456-0.0722i	-0.0847-0.1014i	-0.0829-0.0972i
42.5	0.0219-0.0907i	-0.0867+0.1644i	-0.0014+0.0193i	-0.0633+0.1871i	-0.0499-0.0625i	-0.0468-0.0746i	-0.0879-0.1051i	-0.0826-0.0984i
42.6	0.0216-0.0871i	-0.0807+0.1598i	0.0120+0.0229i	-0.0524+0.1783i	-0.0545-0.0623i	-0.0528-0.0744i	-0.0972-0.1044i	-0.0895-0.0975i
42.7	0.0311-0.0877i	-0.0881+0.1491i	0.0188+0.0152i	-0.0642+0.1732i	-0.0502-0.0553i	-0.0494-0.0674i	-0.0902-0.0942i	-0.0845-0.0872i
42.8	0.0364-0.0858i	-0.0909+0.1445i	0.0368+0.0095i	-0.0701+0.1649i	-0.0497-0.0507i	-0.0492-0.0623i	-0.0891-0.0846i	-0.0838-0.0802i
42.9	0.0391-0.0886i	-0.0974+0.1601i	0.0316+0.0136i	-0.0657+0.1754i	-0.0475-0.0575i	-0.0476-0.0693i	-0.0868-0.0926i	-0.0815-0.0941i
43.0	0.0447-0.0892i	-0.0964+0.1632i	0.0374+0.0093i	-0.0671+0.1893i	-0.0462-0.0583i	-0.0464-0.0703i	-0.0836-0.0902i	-0.0826-0.0986i
43.1	0.0430-0.0874i	-0.0884+0.1714i	0.0388+0.0054i	-0.0536+0.2024i	-0.0477-0.0592i	-0.0489-0.0710i	-0.0814-0.0898i	-0.0907-0.1014i
43.2	0.0464-0.0944i	-0.0972+0.1739i	0.0338+0.0135i	-0.0362+0.1923i	-0.0476-0.0578i	-0.0502-0.0694i	-0.0762-0.0903i	-0.0979-0.0948i
43.3	0.0603-0.0914i	-0.1052+0.1665i	0.0530+0.0170i	-0.0497+0.1787i	-0.0482-0.0534i	-0.0503-0.0645i	-0.0794-0.0870i	-0.0949-0.0829i
43.4	0.0598-0.0853i	-0.0928+0.1610i	0.0715+0.0115i	-0.0553+0.1723i	-0.0511-0.0508i	-0.0533-0.0615i	-0.0846-0.0829i	-0.0970-0.0776i

43.5	0.0618-0.0875i	-0.1013+0.1592i	0.0722+0.0083i	-0.0630+0.1733i	-0.0462-0.0503i	-0.0489-0.0604i	-0.0776-0.0838i	-0.0891-0.0746i
43.6	0.0645-0.0896i	-0.1034+0.1687i	0.0772+0.0005i	-0.0649+0.1895i	-0.0448-0.0521i	-0.0478-0.0616i	-0.0760-0.0857i	-0.0871-0.0769i
43.7	0.0655-0.0875i	-0.0904+0.1710i	0.0852+0.0100i	-0.0386+0.1863i	-0.0504-0.0539i	-0.0545-0.0631i	-0.0848-0.0899i	-0.0966-0.0770i
43.8	0.0732-0.0854i	-0.0897+0.1600i	0.0993+0.0098i	-0.0420+0.1760i	-0.0494-0.0497i	-0.0535-0.0587i	-0.0846-0.0837i	-0.0951-0.0704i
43.9	0.0777-0.0802i	-0.0929+0.1601i	0.1024-0.0033i	-0.0467+0.1843i	-0.0464-0.0490i	-0.0511-0.0577i	-0.0822-0.0828i	-0.0874-0.0691i
44.0	0.0895-0.0773i	-0.1045+0.1525i	0.1113-0.0155i	-0.0511+0.1840i	-0.0449-0.0453i	-0.0484-0.0542i	-0.0805-0.0765i	-0.0810-0.0650i
44.1	0.0993-0.0793i	-0.1121+0.1474i	0.1258-0.0301i	-0.0662+0.1868i	-0.0418-0.0440i	-0.0450-0.0516i	-0.0771-0.0739i	-0.0746-0.0626i
44.2	0.0998-0.0849i	-0.1008+0.1566i	0.1351-0.0480i	-0.0548+0.2085i	-0.0446-0.0468i	-0.0489-0.0546i	-0.0823-0.0773i	-0.0812-0.0688i
44.3	0.1122-0.0880i	-0.1017+0.1596i	0.1117-0.0689i	-0.0200+0.2252i	-0.0466-0.0472i	-0.0510-0.0551i	-0.0827-0.0756i	-0.0878-0.0698i
44.4	0.1177-0.0865i	-0.1058+0.1489i	0.0861-0.0599i	0.0010+0.2036i	-0.0458-0.0430i	-0.0499-0.0502i	-0.0801-0.0718i	-0.0872-0.0589i
44.5	0.1234-0.0847i	-0.1154+0.1401i	0.0892-0.0305i	-0.0019+0.1684i	-0.0427-0.0402i	-0.0472-0.0468i	-0.0786-0.0724i	-0.0801-0.0487i
44.6	0.1305-0.0838i	-0.1215+0.1319i	0.0989-0.0343i	-0.0156+0.1567i	-0.0408-0.0358i	-0.0454-0.0423i	-0.0785-0.0682i	-0.0732-0.0405i
44.7	0.1379-0.0926i	-0.1258+0.1339i	0.1168-0.0277i	-0.0257+0.1375i	-0.0395-0.0336i	-0.0432-0.0399i	-0.0828-0.0637i	-0.0655-0.0403i
44.8	0.1480-0.0941i	-0.1278+0.1353i	0.1360-0.0248i	-0.0363+0.1256i	-0.0401-0.0336i	-0.0434-0.0395i	-0.0859-0.0590i	-0.0654-0.0417i
44.9	0.1524-0.1009i	-0.1381+0.1384i	0.1524-0.0339i	-0.0596+0.1341i	-0.0352-0.0336i	-0.0382-0.0399i	-0.0796-0.0559i	-0.0551-0.0438i
45.0	0.1628-0.1143i	-0.1389+0.1454i	0.1650-0.0501i	-0.0661+0.1617i	-0.0333-0.0366i	-0.0364-0.0437i	-0.0777-0.0586i	-0.0503-0.0524i
45.1	0.1680-0.1210i	-0.1354+0.1445i	0.1617-0.0705i	-0.0509+0.1823i	-0.0336-0.0353i	-0.0371-0.0431i	-0.0754-0.0545i	-0.0546-0.0548i
45.2	0.1765-0.1301i	-0.1478+0.1447i	0.1436-0.0784i	-0.0405+0.1838i	-0.0301-0.0324i	-0.0340-0.0406i	-0.0663-0.0490i	-0.0542-0.0504i
45.3	0.1805-0.1273i	-0.1604+0.1557i	0.1327-0.0735i	-0.0314+0.1843i	-0.0283-0.0339i	-0.0322-0.0423i	-0.0645-0.0535i	-0.0496-0.0502i
45.4	0.1905-0.1319i	-0.1742+0.1571i	0.1459-0.0554i	-0.0416+0.1585i	-0.0244-0.0321i	-0.0280-0.0407i	-0.0621-0.0522i	-0.0406-0.0464i
45.5	0.1965-0.1360i	-0.1817+0.1483i	0.1569-0.0796i	-0.0529+0.1647i	-0.0224-0.0295i	-0.0251-0.0378i	-0.0601-0.0471i	-0.0348-0.0420i
45.6	0.1995-0.1400i	-0.1722+0.1516i	0.1616-0.0704i	-0.0506+0.1516i	-0.0210-0.0297i	-0.0248-0.0383i	-0.0608-0.0467i	-0.0314-0.0441i
45.7	0.2086-0.1514i	-0.1658+0.1677i	0.1865-0.0775i	-0.0632+0.1592i	-0.0205-0.0322i	-0.0255-0.0401i	-0.0636-0.0458i	-0.0306-0.0521i
45.8	0.2202-0.1720i	-0.1739+0.1607i	0.1793-0.1157i	-0.0603+0.1925i	-0.0199-0.0317i	-0.0239-0.0406i	-0.0615-0.0417i	-0.0289-0.0547i
45.9	0.2210-0.1773i	-0.1715+0.1626i	0.1527-0.1413i	-0.0339+0.2026i	-0.0192-0.0288i	-0.0240-0.0382i	-0.0565-0.0340i	-0.0329-0.0552i
46.0	0.2194-0.1831i	-0.1828+0.1648i	0.1389-0.1367i	-0.0248+0.1923i	-0.0164-0.0280i	-0.0221-0.0375i	-0.0483-0.0330i	-0.0326-0.0528i
46.1	0.2200-0.1914i	-0.1835+0.1622i	0.1260-0.1433i	-0.0130+0.1811i	-0.0150-0.0261i	-0.0208-0.0353i	-0.0471-0.0342i	-0.0281-0.0459i
46.2	0.2197-0.1969i	-0.1850+0.1628i	0.1282-0.1118i	-0.0192+0.1524i	-0.0089-0.0262i	-0.0159-0.0356i	-0.0469-0.0355i	-0.0134-0.0460i
46.3	0.2204-0.2043i	-0.1914+0.1640i	0.1719-0.1401i	-0.0533+0.1697i	-0.0075-0.0284i	-0.0138-0.0369i	-0.0491-0.0312i	-0.0050-0.0542i
46.4	0.2193-0.2187i	-0.2037+0.1653i	0.1355-0.1967i	-0.0219+0.2051i	-0.0061-0.0265i	-0.0135-0.0362i	-0.0451-0.0212i	-0.0043-0.0602i
46.5	0.2244-0.2339i	-0.2082+0.1747i	0.0876-0.1697i	0.0180+0.1796i	-0.0002-0.0265i	-0.0085-0.0374i	-0.0299-0.0168i	0.0001-0.0636i
46.6	0.2196-0.2395i	-0.2050+0.1770i	0.0928-0.1221i	0.0145+0.1378i	0.0029-0.0272i	-0.0060-0.0372i	-0.0203-0.0187i	-0.0015-0.0647i
46.7	0.2124-0.2408i	-0.2054+0.1821i	0.1158-0.1040i	-0.0074+0.1080i	0.0044-0.0285i	-0.0043-0.0373i	-0.0160-0.0224i	-0.0006-0.0629i
46.8	0.2097-0.2433i	-0.2079+0.1908i	0.1407-0.1045i	-0.0312+0.1152i	0.0056-0.0303i	-0.0042-0.0385i	-0.0167-0.0274i	0.0007-0.0646i
46.9	0.2043-0.2475i	-0.2154+0.1893i	0.1455-0.1324i	-0.0394+0.1320i	0.0080-0.0305i	-0.0025-0.0382i	-0.0142-0.0269i	0.0054-0.0684i
47.0	0.2093-0.2559i	-0.2174+0.1940i	0.1313-0.1391i	-0.0068+0.1337i	0.0104-0.0305i	-0.0014-0.0390i	-0.0095-0.0218i	0.0061-0.0713i
47.1	0.2049-0.2679i	-0.2222+0.2007i	0.1175-0.1151i	-0.0142+0.1028i	0.0156-0.0322i	0.0035-0.0402i	0.0050-0.0229i	0.0090-0.0774i
47.2	0.1986-0.2670i	-0.2242+0.2117i	0.1464-0.0932i	-0.0437+0.0950i	0.0202-0.0360i	0.0073-0.0434i	0.0118-0.0331i	0.0129-0.0766i
47.3	0.1935-0.2688i	-0.2177+0.2221i	0.1725-0.1092i	-0.0686+0.1212i	0.0204-0.0385i	0.0084-0.0462i	0.0101-0.0358i	0.0138-0.0793i
47.4	0.1925-0.2694i	-0.2094+0.2289i	0.1725-0.1365i	-0.0657+0.1416i	0.0207-0.0393i	0.0082-0.0460i	0.0105-0.0364i	0.0147-0.0814i
47.5	0.1851-0.2688i	-0.2082+0.2247i	0.1601-0.1700i	-0.0529+0.1572i	0.0220-0.0396i	0.0073-0.0465i	0.0095-0.0357i	0.0164-0.0873i
47.6	0.1832-0.2645i	-0.2120+0.2116i	0.1369-0.1843i	-0.0282+0.1512i	0.0238-0.0391i	0.0086-0.0444i	0.0128-0.0295i	0.0198-0.0889i
47.7	0.1859-0.2675i	-0.2209+0.2150i	0.1086-0.1764i	-0.0028+0.1422i	0.0268-0.0389i	0.0119-0.0434i	0.0210-0.0254i	0.0218-0.0903i
47.8	0.1937-0.2634i	-0.2296+0.2142i	0.1041-0.1446i	0.0048+0.1208i	0.0337-0.0404i	0.0173-0.0450i	0.0350-0.0275i	0.0273-0.0930i
47.9	0.2015-0.2728i	-0.2244+0.2195i	0.1215-0.1317i	-0.0310+0.0987i	0.0337-0.0442i	0.0173-0.0486i	0.0362-0.0345i	0.0211-0.0962i
48.0	0.1997-0.2807i	-0.2304+0.2215i	0.1141-0.1529i	-0.0326+0.0939i	0.0336-0.0438i	0.0177-0.0472i	0.0386-0.0330i	0.0192-0.0962i
48.1	0.1926-0.2733i	-0.2357+0.2237i	0.1333-0.1264i	-0.0303+0.0878i	0.0397-0.0448i	0.0247-0.0464i	0.0536-0.0370i	0.0283-0.0936i
48.2	0.1969-0.2775i	-0.2425+0.2218i	0.1470-0.1504i	-0.0474+0.1068i	0.0431-0.0472i	0.0278-0.0488i	0.0580-0.0425i	0.0321-0.0957i
48.3	0.1978-0.2809i	-0.2466+0.2169i	0.1361-0.1560i	-0.0386+0.1000i	0.0462-0.0484i	0.0310-0.0495i	0.0649-0.0457i	0.0357-0.0950i
48.4	0.2065-0.2777i	-0.2487+0.2249i	0.1349-0.1365i	-0.0339+0.0871i	0.0498-0.0504i	0.0343-0.0509i	0.0701-0.0513i	0.0400-0.0945i
48.5	0.2076-0.2805i	-0.2543+0.2297i	0.1443-0.1369i	-0.0453+0.0805i	0.0515-0.0524i	0.0352-0.0523i	0.0712-0.0540i	0.0423-0.1001i
48.6	0.2009-0.2862i	-0.2650+0.2315i	0.1449-0.1621i	-0.0553+0.0949i	0.0541-0.0564i	0.0376-0.0554i	0.0746-0.0582i	0.0450-0.1077i
48.7	0.1990-0.2835i	-0.2694+0.2211i	0.1304-0.1688i	-0.0428+0.1023i	0.0569-0.0570i	0.0408-0.0556i	0.0791-0.0589i	0.0494-0.1068i
48.8	0.2154-0.2828i	-0.2754+0.2226i	0.1112-0.1612i	-0.0234+0.0791i	0.0604-0.0610i	0.0437-0.0581i	0.0851-0.0617i	0.0531-0.1134i
48.9	0.2204-0.2857i	-0.2951+0.2241i	0.1164-0.1398i	-0.0216+0.0455i	0.0637-0.0627i	0.0468-0.0596i	0.0911-0.0668i	0.0564-0.1159i
49.0	0.2288-0.2825i	-0.2965+0.2392i	0.1377-0.1034i	-0.0471+0.0382i	0.0678-0.0634i	0.0517-0.0605i	0.0995-0.0686i	0.0624-0.1128i
49.1	0.2483-0.2919i	-0.3077+0.2492i	0.1613-0.0976i	-0.0726+0.0325i	0.0741-0.0665i	0.0586-0.0630i	0.1100-0.0751i	0.0728-0.1143i
49.2	0.2406-0.3047i	-0.3354+0.2490i	0.1717-0.1015i	-0.1248+0.0302i	0.0741-0.0699i	0.0599-0.0655i	0.1058-0.0850i	0.0726-0.1188i
49.3	0.2392-0.3246i	-0.3360+0.2598i	0.1985-0.1416i	-0.1503+0.0464i	0.0760-0.0771i	0.0616-0.0713i	0.1069-0.0946i	0.0786-0.1321i
49.4	0.2566-0.3277i	-0.3378+0.2853i	0.1820-0.1644i	-0.1012+0.0820i	0.0826-0.0826i	0.0668-0.0776i	0.1157-0.0971i	0.0876-0.1451i
49.5	0.2657-0.3273i	-0.3520+0.2810i	0.1573-0.1542i	-0.0986+0.0593i	0.0865-0.0869i	0.0706-0.0806i	0.1249-0.1036i	0.0892-0.1466i
49.6	0.2742-0.3262i	-0.3696+0.2861i	0.1633-0.1350i	-0.1265+0.0575i	0.0898-0.0884i	0.0744-0.0824i	0.1264-0.1087i	0.0965-0.1459i
49.7	0.3132-0.3314i	-0.3734+0.3019i	0.2135-0.1392i	-0.1238+0.0767i	0.1004-0.0927i	0.0859-0.0859i	0.1403-0.1132i	0.1204-0.1516i

49.8	0.3390-0.3812i	-0.3654+0.2750i	0.2543-0.2439i	-0.0553+0.0261i	0.1116-0.1052i	0.0954-0.0950i	0.1586-0.1306i	0.1417-0.1853i
49.9	0.3252-0.4049i	-0.3947+0.2998i	0.1749-0.2223i	-0.0791-0.0017i	0.1122-0.1137i	0.0960-0.1023i	0.1624-0.1356i	0.1300-0.2020i
50.0	0.3228-0.3994i	-0.3834+0.3347i	0.1934-0.1635i	-0.1123+0.0204i	0.1125-0.1166i	0.0958-0.1063i	0.1671-0.1414i	0.1289-0.1967i
50.1	0.2995-0.4241i	-0.4128+0.3666i	0.1667-0.1917i	-0.1632+0.0456i	0.1083-0.1278i	0.0930-0.1163i	0.1563-0.1529i	0.1199-0.2153i
50.2	0.3111-0.4452i	-0.4163+0.3760i	0.1494-0.2197i	-0.1387+0.0465i	0.1138-0.1372i	0.0996-0.1237i	0.1677-0.1612i	0.1282-0.2325i
50.3	0.3126-0.4396i	-0.4048+0.3938i	0.1509-0.1892i	-0.1138+0.0159i	0.1161-0.1421i	0.1032-0.1279i	0.1807-0.1717i	0.1282-0.2385i
50.4	0.3088-0.4604i	-0.4223+0.4037i	0.1640-0.1502i	-0.1556+0.0050i	0.1163-0.1480i	0.1039-0.1334i	0.1866-0.1842i	0.1271-0.2425i
50.5	0.3476-0.4752i	-0.4293+0.4102i	0.1966-0.1682i	-0.1821+0.0200i	0.1259-0.1539i	0.1134-0.1392i	0.1951-0.1943i	0.1435-0.2494i
50.6	0.3621-0.4877i	-0.4148+0.4656i	0.1923-0.1616i	-0.1602+0.0303i	0.1326-0.1665i	0.1213-0.1505i	0.2054-0.2117i	0.1493-0.2648i
50.7	0.3464-0.5233i	-0.3960+0.5005i	0.2098-0.1445i	-0.1836+0.0085i	0.1295-0.1833i	0.1195-0.1676i	0.2018-0.2367i	0.1451-0.2886i
50.8	0.3335-0.5290i	-0.4033+0.5020i	0.2309-0.1592i	-0.2126+0.0159i	0.1258-0.1877i	0.1161-0.1732i	0.1936-0.2452i	0.1429-0.2990i
50.9	0.3190-0.5669i	-0.4191+0.5425i	0.2276-0.1909i	-0.2243+0.0460i	0.1249-0.2017i	0.1154-0.1874i	0.1947-0.2635i	0.1406-0.3245i
51.0	0.2957-0.5915i	-0.4107+0.5644i	0.2194-0.1921i	-0.2327+0.0318i	0.1199-0.2143i	0.1123-0.1985i	0.1963-0.2831i	0.1264-0.3430i
51.1	0.2853-0.6128i	-0.3953+0.5857i	0.2500-0.2161i	-0.2677+0.0478i	0.1163-0.2270i	0.1092-0.2099i	0.1897-0.3052i	0.1211-0.3562i
51.2	0.2775-0.6476i	-0.4061+0.6122i	0.2237-0.2522i	-0.2514+0.0761i	0.1171-0.2437i	0.1098-0.2253i	0.1882-0.3244i	0.1251-0.3876i
51.3	0.2658-0.6673i	-0.3810+0.6173i	0.2013-0.2442i	-0.2362+0.0741i	0.1104-0.2527i	0.1040-0.2335i	0.1839-0.3297i	0.1122-0.4045i
51.4	0.2678-0.6856i	-0.3543+0.6285i	0.1864-0.2028i	-0.2324+0.0551i	0.1071-0.2614i	0.1027-0.2428i	0.1904-0.3453i	0.0984-0.4138i
51.5	0.2425-0.6935i	-0.3624+0.6467i	0.2462-0.1945i	-0.2959+0.0347i	0.1000-0.2703i	0.0975-0.2534i	0.1809-0.3713i	0.0876-0.4254i
51.6	0.2342-0.7086i	-0.3518+0.6725i	0.2705-0.2487i	-0.3259+0.0857i	0.0971-0.2797i	0.0929-0.2616i	0.1710-0.3851i	0.0824-0.4371i
51.7	0.2148-0.7475i	-0.3461+0.7089i	0.2391-0.2759i	-0.3096+0.0887i	0.0941-0.3018i	0.0910-0.2816i	0.1657-0.4184i	0.0784-0.4701i
51.8	0.1992-0.7486i	-0.3388+0.7178i	0.2474-0.2618i	-0.3203+0.0911i	0.0906-0.3074i	0.0873-0.2884i	0.1593-0.4275i	0.0726-0.4810i
51.9	0.1749-0.7668i	-0.3101+0.7479i	0.2643-0.2953i	-0.3380+0.1322i	0.0784-0.3202i	0.0747-0.3031i	0.1361-0.4441i	0.0583-0.5018i
52.0	0.1525-0.8050i	-0.2970+0.7870i	0.2504-0.3371i	-0.3373+0.1509i	0.0674-0.3366i	0.0653-0.3172i	0.1212-0.4521i	0.0427-0.5378i
52.1	0.1075-0.8333i	-0.2630+0.8162i	0.2288-0.3503i	-0.3277+0.1515i	0.0549-0.3513i	0.0544-0.3296i	0.1225-0.4687i	0.0052-0.5639i
52.2	0.0700-0.8417i	-0.2231+0.8350i	0.1690-0.3589i	-0.3120+0.1574i	0.0378-0.3620i	0.0408-0.3395i	0.1126-0.4877i	-0.0323-0.5773i
52.3	0.0518-0.8358i	-0.2092+0.8345i	0.1668-0.3032i	-0.3388+0.1275i	0.0252-0.3645i	0.0313-0.3434i	0.1093-0.5023i	-0.0612-0.5741i
52.4	0.0486-0.8505i	-0.2078+0.8580i	0.2169-0.3152i	-0.4021+0.1651i	0.0229-0.3731i	0.0296-0.3540i	0.1124-0.5311i	-0.0738-0.5760i
52.5	0.0318-0.8814i	-0.1949+0.8769i	0.1907-0.3862i	-0.3804+0.2304i	0.0182-0.3874i	0.0259-0.3698i	0.1001-0.5649i	-0.0748-0.5884i
52.6	-0.0198-0.8896i	-0.1440+0.8858i	0.1282-0.3788i	-0.3322+0.2390i	-0.0008-0.4004i	0.0091-0.3841i	0.0675-0.5891i	-0.0987-0.6026i
52.7	-0.0711-0.8850i	-0.0942+0.8876i	0.1490-0.3176i	-0.3562+0.2144i	-0.0277-0.4055i	-0.0178-0.3921i	0.0234-0.6006i	-0.1402-0.6108i
52.8	-0.1189-0.9103i	-0.0434+0.9118i	0.1693-0.3741i	-0.3628+0.2784i	-0.0527-0.4190i	-0.0444-0.4059i	-0.0112-0.6215i	-0.1856-0.6294i
52.9	-0.1751-0.9114i	0.0162+0.9233i	0.1058-0.3862i	-0.3124+0.3012i	-0.0823-0.4262i	-0.0725-0.4127i	-0.0498-0.6328i	-0.2343-0.6376i
53.0	-0.2206-0.9044i	0.0583+0.9339i	0.0896-0.3675i	-0.3105+0.2913i	-0.1058-0.4296i	-0.0951-0.4155i	-0.0732-0.6383i	-0.2842-0.6410i
53.1	-0.2510-0.8823i	0.0827+0.9271i	0.0675-0.3627i	-0.2925+0.3033i	-0.1209-0.4281i	-0.1100-0.4148i	-0.0846-0.6548i	-0.3200-0.6216i
53.2	-0.2882-0.8570i	0.1237+0.9184i	0.0272-0.3287i	-0.2592+0.3047i	-0.1382-0.4288i	-0.1256-0.4173i	-0.1130-0.6865i	-0.3432-0.5922i
53.3	-0.3283-0.8420i	0.1635+0.9065i	0.0533-0.2676i	-0.2708+0.2821i	-0.1635-0.4270i	-0.1513-0.4200i	-0.1783-0.7003i	-0.3570-0.5803i
53.4	-0.3823-0.8146i	0.2254+0.8829i	0.1033-0.2698i	-0.2831+0.2870i	-0.2011-0.4178i	-0.1928-0.4121i	-0.2585-0.6673i	-0.3990-0.5801i
53.5	-0.3948-0.7470i	0.2494+0.8158i	0.1009-0.2620i	-0.2810+0.2751i	-0.2182-0.3858i	-0.2090-0.3786i	-0.2659-0.6071i	-0.4384-0.5385i
53.6	-0.3910-0.7081i	0.2509+0.7766i	0.1327-0.2258i	-0.3172+0.2574i	-0.2205-0.3618i	-0.2105-0.3552i	-0.2530-0.5881i	-0.4559-0.4875i
53.7	-0.4076-0.7106i	0.2684+0.7761i	0.1848-0.2603i	-0.3531+0.3023i	-0.2258-0.3579i	-0.2180-0.3538i	-0.2755-0.6033i	-0.4530-0.4643i
53.8	-0.4434-0.6947i	0.2997+0.7742i	0.2152-0.3347i	-0.3668+0.3696i	-0.2417-0.3550i	-0.2358-0.3496i	-0.3106-0.6029i	-0.4713-0.4503i
53.9	-0.4602-0.6640i	0.3216+0.7414i	0.1675-0.4031i	-0.3184+0.4206i	-0.2535-0.3439i	-0.2458-0.3366i	-0.3330-0.5886i	-0.4830-0.4239i
54.0	-0.4725-0.6341i	0.3391+0.7059i	0.1266-0.4222i	-0.2733+0.4314i	-0.2632-0.3335i	-0.2545-0.3268i	-0.3556-0.5781i	-0.4860-0.4014i
54.1	-0.4931-0.5927i	0.3670+0.6644i	0.0916-0.3955i	-0.2355+0.4164i	-0.2778-0.3172i	-0.2686-0.3116i	-0.3881-0.5538i	-0.4946-0.3760i
54.2	-0.4958-0.5514i	0.3749+0.6287i	0.1230-0.4378i	-0.2595+0.4545i	-0.2868-0.2979i	-0.2785-0.2917i	-0.4100-0.5239i	-0.5039-0.3456i
54.3	-0.5090-0.5352i	0.3895+0.6180i	0.0377-0.4791i	-0.1903+0.5000i	-0.2943-0.2922i	-0.2839-0.2850i	-0.4243-0.5193i	-0.5072-0.3266i
54.4	-0.5187-0.5105i	0.3997+0.5872i	-0.0405-0.4526i	-0.1268+0.4806i	-0.3013-0.2795i	-0.2903-0.2736i	-0.4438-0.5046i	-0.5043-0.3027i
54.5	-0.5191-0.4886i	0.4058+0.5637i	-0.0978-0.3977i	-0.0731+0.4512i	-0.3079-0.2684i	-0.2961-0.2654i	-0.4606-0.4922i	-0.5054-0.2871i
54.6	-0.5092-0.4477i	0.3962+0.5260i	-0.0781-0.2914i	-0.0722+0.3761i	-0.3088-0.2548i	-0.2987-0.2558i	-0.4766-0.4737i	-0.4949-0.2706i
54.7	-0.4949-0.4274i	0.3768+0.5039i	-0.0002-0.2640i	-0.1166+0.3444i	-0.3063-0.2451i	-0.3005-0.2468i	-0.4890-0.4550i	-0.4808-0.2623i
54.8	-0.5014-0.4034i	0.3886+0.4729i	0.0066-0.3205i	-0.1053+0.3777i	-0.3137-0.2292i	-0.3092-0.2277i	-0.5101-0.4150i	-0.4839-0.2480i
54.9	-0.4872-0.3714i	0.3857+0.4326i	-0.0715-0.3237i	-0.0401+0.3677i	-0.3128-0.2109i	-0.3067-0.2084i	-0.5067-0.3775i	-0.4806-0.2320i
55.0	-0.4731-0.3452i	0.3689+0.4142i	-0.0916-0.2776i	-0.0238+0.3305i	-0.3062-0.2004i	-0.3019-0.1974i	-0.4970-0.3571i	-0.4712-0.2217i
55.1	-0.4653-0.3293i	0.3452+0.3905i	-0.0787-0.2511i	-0.0279+0.2949i	-0.3010-0.1930i	-0.2963-0.1905i	-0.4935-0.3385i	-0.4609-0.2155i
55.2	-0.4653-0.3196i	0.3564+0.3764i	-0.0776-0.2304i	-0.0258+0.2685i	-0.3092-0.1860i	-0.3039-0.1836i	-0.5081-0.3235i	-0.4696-0.2073i
55.3	-0.4525-0.2914i	0.3546+0.3429i	-0.0643-0.1796i	-0.0304+0.2243i	-0.3100-0.1688i	-0.3058-0.1667i	-0.5077-0.2947i	-0.4709-0.1866i
55.4	-0.4385-0.2878i	0.3279+0.3528i	-0.0101-0.1613i	-0.0825+0.2098i	-0.3045-0.1684i	-0.3007-0.1649i	-0.4955-0.2934i	-0.4696-0.1840i
55.5	-0.4098-0.2664i	0.3051+0.3379i	0.0064-0.1958i	-0.1101+0.2323i	-0.2945-0.1611i	-0.2901-0.1562i	-0.4849-0.2816i	-0.4510-0.1735i
55.6	-0.4102-0.2372i	0.3147+0.3104i	-0.0248-0.1906i	-0.0780+0.2335i	-0.2990-0.1489i	-0.2926-0.1449i	-0.4919-0.2604i	-0.4480-0.1591i
55.7	-0.4129-0.2322i	0.3072+0.3002i	-0.0264-0.1558i	-0.0793+0.2100i	-0.3026-0.1424i	-0.2966-0.1383i	-0.4994-0.2449i	-0.4530-0.1539i
55.8	-0.4068-0.2254i	0.2990+0.3063i	-0.0265-0.1375i	-0.0983+0.1925i	-0.3036-0.1410i	-0.2986-0.1366i	-0.5052-0.2361i	-0.4542-0.1557i
55.9	-0.3923-0.2232i	0.2861+0.2978i	0.0042-0.1154i	-0.1165+0.1727i	-0.2998-0.1348i	-0.2953-0.1322i	-0.4974-0.2263i	-0.4507-0.1514i
56.0	-0.3710-0.1944i	0.2789+0.2837i	0.0587-0.1357i	-0.1638+0.1813i	-0.2943-0.1228i	-0.2901-0.1192i	-0.4898-0.2047i	-0.4446-0.1324i

56.1	-0.3666-0.1827i	0.2740+0.2813i	0.0523-0.1835i	-0.1588+0.2197i	-0.2953-0.1179i	-0.2897-0.1126i	-0.4929-0.1932i	-0.4421-0.1256i
56.2	-0.3491-0.1634i	0.2600+0.2570i	0.0168-0.1608i	-0.1415+0.2107i	-0.2900-0.1059i	-0.2833-0.1014i	-0.4798-0.1707i	-0.4338-0.1131i
56.3	-0.3299-0.1778i	0.2219+0.2610i	0.0340-0.1345i	-0.1561+0.1963i	-0.2771-0.1092i	-0.2707-0.1056i	-0.4589-0.1757i	-0.4155-0.1219i
56.4	-0.3176-0.1785i	0.2090+0.2645i	0.0490-0.1150i	-0.1632+0.1801i	-0.2744-0.1090i	-0.2675-0.1072i	-0.4540-0.1781i	-0.4125-0.1234i
56.5	-0.3143-0.1795i	0.2076+0.2698i	0.0620-0.1102i	-0.1731+0.1665i	-0.2767-0.1118i	-0.2695-0.1089i	-0.4581-0.1817i	-0.4169-0.1257i
56.6	-0.3067-0.1808i	0.2000+0.2666i	0.0777-0.1051i	-0.1858+0.1669i	-0.2746-0.1107i	-0.2687-0.1086i	-0.4554-0.1790i	-0.4162-0.1249i
56.7	-0.2988-0.1766i	0.1826+0.2637i	0.0895-0.1028i	-0.2001+0.1699i	-0.2709-0.1085i	-0.2651-0.1073i	-0.4480-0.1753i	-0.4134-0.1218i
56.8	-0.2934-0.1715i	0.1885+0.2615i	0.1080-0.0995i	-0.2202+0.1666i	-0.2719-0.1020i	-0.2665-0.1013i	-0.4491-0.1645i	-0.4128-0.1170i
56.9	-0.2769-0.1757i	0.1732+0.2754i	0.1257-0.0950i	-0.2306+0.1730i	-0.2657-0.1028i	-0.2610-0.1018i	-0.4385-0.1633i	-0.4048-0.1221i
57.0	-0.2682-0.1793i	0.1594+0.2621i	0.1438-0.0933i	-0.2397+0.1766i	-0.2634-0.1013i	-0.2591-0.0996i	-0.4353-0.1594i	-0.4019-0.1203i
57.1	-0.2717-0.1719i	0.1726+0.2712i	0.1838-0.1175i	-0.2654+0.1929i	-0.2687-0.0979i	-0.2638-0.0945i	-0.4465-0.1538i	-0.4074-0.1110i
57.2	-0.2670-0.1816i	0.1657+0.2788i	0.1701-0.1550i	-0.2643+0.2202i	-0.2684-0.1006i	-0.2645-0.0967i	-0.4488-0.1551i	-0.4084-0.1157i
57.3	-0.2702-0.1962i	0.1610+0.2808i	0.1443-0.1631i	-0.2523+0.2308i	-0.2722-0.1036i	-0.2663-0.1008i	-0.4532-0.1555i	-0.4131-0.1235i
57.4	-0.2652-0.1966i	0.1645+0.2861i	0.1490-0.1478i	-0.2463+0.2261i	-0.2707-0.1010i	-0.2644-0.0996i	-0.4478-0.1517i	-0.4120-0.1226i
57.5	-0.2500-0.1876i	0.1534+0.2794i	0.1522-0.1405i	-0.2491+0.2209i	-0.2636-0.0934i	-0.2579-0.0942i	-0.4340-0.1407i	-0.4048-0.1158i
57.6	-0.2545-0.1980i	0.1580+0.2793i	0.1542-0.1390i	-0.2604+0.2162i	-0.2692-0.0916i	-0.2637-0.0918i	-0.4407-0.1345i	-0.4154-0.1111i
57.7	-0.2628-0.2020i	0.1538+0.2755i	0.1722-0.1351i	-0.2742+0.2092i	-0.2726-0.0953i	-0.2676-0.0947i	-0.4458-0.1398i	-0.4241-0.1178i
57.8	-0.2647-0.1973i	0.1502+0.2776i	0.1783-0.1293i	-0.2747+0.2164i	-0.2769-0.0910i	-0.2724-0.0906i	-0.4503-0.1346i	-0.4331-0.1084i
57.9	-0.2605-0.2007i	0.1481+0.2841i	0.1799-0.1248i	-0.2815+0.2156i	-0.2761-0.0888i	-0.2713-0.0896i	-0.4467-0.1325i	-0.4329-0.1072i
58.0	-0.2743-0.1901i	0.1530+0.2783i	0.1958-0.1146i	-0.2958+0.2152i	-0.2750-0.0828i	-0.2701-0.0831i	-0.4438-0.1231i	-0.4317-0.0976i
58.1	-0.2788-0.1862i	0.1478+0.2743i	0.2243-0.1039i	-0.3157+0.2218i	-0.2741-0.0807i	-0.2706-0.0801i	-0.4399-0.1202i	-0.4389-0.0894i
58.2	-0.2765-0.1784i	0.1455+0.2633i	0.2363-0.1211i	-0.3206+0.2304i	-0.2735-0.0800i	-0.2717-0.0790i	-0.4383-0.1266i	-0.4398-0.0816i
58.3	-0.2949-0.1692i	0.1626+0.2652i	0.2297-0.1238i	-0.3176+0.2428i	-0.2790-0.0741i	-0.2777-0.0759i	-0.4557-0.1244i	-0.4403-0.0673i
58.4	-0.3004-0.1702i	0.1660+0.2652i	0.2450-0.1259i	-0.3371+0.2412i	-0.2846-0.0794i	-0.2818-0.0801i	-0.4677-0.1283i	-0.4468-0.0750i
58.5	-0.2964-0.1646i	0.1565+0.2632i	0.2542-0.1458i	-0.3527+0.2563i	-0.2827-0.0766i	-0.2810-0.0771i	-0.4649-0.1224i	-0.4454-0.0724i
58.6	-0.3006-0.1498i	0.1606+0.2582i	0.2516-0.1471i	-0.3400+0.2688i	-0.2811-0.0707i	-0.2802-0.0693i	-0.4614-0.1109i	-0.4432-0.0658i
58.7	-0.3080-0.1313i	0.1615+0.2495i	0.2605-0.1477i	-0.3455+0.2615i	-0.2838-0.0640i	-0.2812-0.0627i	-0.4620-0.1018i	-0.4471-0.0556i
58.8	-0.3074-0.1195i	0.1603+0.2477i	0.2724-0.1441i	-0.3669+0.2615i	-0.2851-0.0646i	-0.2823-0.0641i	-0.4672-0.1032i	-0.4497-0.0554i
58.9	-0.2924-0.0993i	0.1380+0.2325i	0.2800-0.1416i	-0.3621+0.2612i	-0.2746-0.0680i	-0.2747-0.0674i	-0.4529-0.1107i	-0.4339-0.0583i
59.0	-0.2935-0.0814i	0.1493+0.2234i	0.2983-0.1637i	-0.3636+0.2755i	-0.2812-0.0594i	-0.2812-0.0584i	-0.4616-0.0982i	-0.4439-0.0458i
59.1	-0.2969-0.0732i	0.1486+0.2179i	0.3038-0.1680i	-0.3760+0.2877i	-0.2830-0.0559i	-0.2828-0.0550i	-0.4676-0.0924i	-0.4453-0.0410i
59.2	-0.2970-0.0661i	0.1455+0.2198i	0.3110-0.1636i	-0.3890+0.2959i	-0.2845-0.0563i	-0.2841-0.0548i	-0.4703-0.0937i	-0.4442-0.0410i
59.3	-0.2889-0.0578i	0.1389+0.2104i	0.3224-0.1743i	-0.3977+0.2966i	-0.2830-0.0591i	-0.2831-0.0584i	-0.4699-0.1014i	-0.4450-0.0411i
59.4	-0.2667-0.0465i	0.1281+0.2089i	0.3333-0.1895i	-0.3975+0.3024i	-0.2843-0.0523i	-0.2859-0.0502i	-0.4764-0.0876i	-0.4480-0.0285i
59.5	-0.2642-0.0332i	0.1239+0.2050i	0.3474-0.1812i	-0.4089+0.3124i	-0.2854-0.0513i	-0.2874-0.0475i	-0.4800-0.0843i	-0.4468-0.0265i
59.6	-0.2590-0.0194i	0.1097+0.1993i	0.3580-0.1800i	-0.4210+0.3148i	-0.2848-0.0510i	-0.2852-0.0471i	-0.4793-0.0891i	-0.4444-0.0243i
59.7	-0.2479-0.0107i	0.0976+0.2074i	0.3676-0.1892i	-0.4349+0.3357i	-0.2865-0.0486i	-0.2869-0.0455i	-0.4828-0.0849i	-0.4447-0.0223i
59.8	-0.2396+0.0142i	0.0918+0.2072i	0.3781-0.1960i	-0.4412+0.3489i	-0.2905-0.0408i	-0.2917-0.0364i	-0.4914-0.0723i	-0.4479-0.0090i
59.9	-0.1259+0.1066i	0.2169+0.2936i	0.4726-0.2597i	-0.4196+0.3166i	-0.2846-0.0435i	-0.2860-0.0388i	-0.4870-0.0720i	-0.4286-0.0087i
60.0	-0.0343+0.2257i	0.3108+0.4218i	0.5881-0.2824i	-0.3920+0.3007i	-0.2759-0.0504i	-0.2778-0.0463i	-0.4767-0.0803i	-0.4100-0.0133i
60.1	-0.0713+0.1806i	0.2551+0.3823i	0.5650-0.2851i	-0.4110+0.3455i	-0.2921-0.0478i	-0.2934-0.0420i	-0.5028-0.0758i	-0.4382-0.0072i
60.2	-0.1976+0.0379i	0.0624+0.2194i	0.4344-0.2519i	-0.4819+0.4086i	-0.3037-0.0399i	-0.3037-0.0332i	-0.5207-0.0709i	-0.4654+0.0042i
60.3	-0.1901+0.0458i	0.0492+0.2106i	0.4401-0.2521i	-0.4901+0.4162i	-0.2989-0.0320i	-0.2998-0.0254i	-0.5188-0.0607i	-0.4548+0.0177i
60.4	-0.1690+0.0602i	0.0509+0.2046i	0.4425-0.2602i	-0.4879+0.4245i	-0.2951-0.0289i	-0.2966-0.0214i	-0.5169-0.0539i	-0.4457+0.0222i
60.5	-0.1635+0.0597i	0.0421+0.2119i	0.4579-0.2749i	-0.4977+0.4523i	-0.2997-0.0262i	-0.3015-0.0187i	-0.5313-0.0475i	-0.4461+0.0280i
60.6	-0.1512+0.0540i	0.0273+0.2136i	0.4724-0.2770i	-0.5137+0.4583i	-0.2965-0.0282i	-0.2975-0.0205i	-0.5296-0.0511i	-0.4419+0.0233i
60.7	-0.1409+0.0676i	0.0328+0.2139i	0.4865-0.2964i	-0.5161+0.4747i	-0.3029-0.0226i	-0.3037-0.0129i	-0.5446-0.0401i	-0.4458+0.0355i
60.8	-0.1356+0.0722i	0.0284+0.2251i	0.5065-0.3098i	-0.5135+0.4895i	-0.3028-0.0260i	-0.3052-0.0164i	-0.5515-0.0395i	-0.4434+0.0248i
60.9	-0.1183+0.0912i	0.0093+0.2301i	0.5215-0.3261i	-0.5374+0.5086i	-0.3004-0.0323i	-0.3026-0.0223i	-0.5492-0.0421i	-0.4358+0.0137i
61.0	-0.0968+0.0838i	-0.0012+0.2335i	0.5259-0.3497i	-0.5417+0.5183i	-0.2979-0.0339i	-0.2993-0.0232i	-0.5437-0.0429i	-0.4304+0.0075i
61.1	-0.0758+0.0896i	0.0003+0.2340i	0.5472-0.3702i	-0.5444+0.5388i	-0.3034-0.0314i	-0.3052-0.0192i	-0.5533-0.0334i	-0.4382+0.0072i
61.2	-0.0635+0.0970i	0.0014+0.2363i	0.5528-0.3832i	-0.5469+0.5655i	-0.3047-0.0233i	-0.3050-0.0102i	-0.5569-0.0158i	-0.4386+0.0191i
61.3	-0.0438+0.1062i	-0.0081+0.2459i	0.5574-0.4190i	-0.5551+0.6091i	-0.3146-0.0144i	-0.3140-0.0026i	-0.5782+0.0009i	-0.4493+0.0339i
61.4	-0.0238+0.1094i	-0.0301+0.2446i	0.5614-0.4184i	-0.5716+0.6070i	-0.3107-0.0208i	-0.3086-0.0089i	-0.5691-0.0095i	-0.4434+0.0227i
61.5	-0.0056+0.1165i	-0.0234+0.2403i	0.5939-0.4264i	-0.5820+0.6213i	-0.3077-0.0251i	-0.3067-0.0124i	-0.5682-0.0170i	-0.4384+0.0163i
61.6	0.0087+0.1234i	-0.0322+0.2404i	0.6038-0.4591i	-0.5694+0.6656i	-0.3167-0.0197i	-0.3152-0.0040i	-0.5881+0.0025i	-0.4496+0.0220i
61.7	0.0245+0.1181i	-0.0443+0.2519i	0.5944-0.4908i	-0.5637+0.6811i	-0.3191-0.0147i	-0.3163+0.0009i	-0.5905+0.0152i	-0.4540+0.0276i
61.8	0.0664+0.1112i	-0.0429+0.2588i	0.5870-0.5230i	-0.5623+0.7080i	-0.3160-0.0119i	-0.3113+0.0031i	-0.5859+0.0236i	-0.4456+0.0300i
61.9	0.0845+0.1193i	-0.0291+0.2665i	0.6017-0.5717i	-0.5439+0.7561i	-0.3240-0.0061i	-0.3184+0.0117i	-0.5983+0.0400i	-0.4536+0.0371i
62.0	0.1049+0.1265i	-0.0220+0.2770i	0.6094-0.6112i	-0.5239+0.7965i	-0.3323+0.0058i	-0.3271+0.0251i	-0.6124+0.0688i	-0.4616+0.0500i
62.1	0.1313+0.1185i	-0.0369+0.2819i	0.6329-0.6185i	-0.5424+0.8132i	-0.3362-0.0000i	-0.3303+0.0175i	-0.6245+0.0613i	-0.4669+0.0382i
62.2	0.1386+0.1071i	-0.0427+0.2890i	0.6209-0.6573i	-0.5286+0.8415i	-0.3395+0.0000i	-0.3330+0.0185i	-0.6266+0.0651i	-0.4761+0.0354i
62.3	0.1708+0.1043i	-0.0566+0.2917i	0.6242-0.6896i	-0.5299+0.8764i	-0.3431-0.0018i	-0.3360+0.0172i	-0.6317+0.0659i	-0.4826+0.0256i

62.4	0.2016+0.0937i	-0.0669+0.3017i	0.6147-0.7312i	-0.5060+0.9023i	-0.3469+0.0072i	-0.3397+0.0261i	-0.6387+0.0899i	-0.4834+0.0340i
62.5	0.2314+0.0910i	-0.0708+0.3096i	0.6180-0.7608i	-0.5022+0.9226i	-0.3514+0.0075i	-0.3436+0.0259i	-0.6486+0.0957i	-0.4879+0.0328i
62.6	0.2578+0.0682i	-0.0707+0.3159i	0.5978-0.7988i	-0.4855+0.9653i	-0.3554+0.0277i	-0.3450+0.0450i	-0.6501+0.1341i	-0.4938+0.0600i
62.7	0.2712+0.0521i	-0.0683+0.3377i	0.5806-0.8528i	-0.4505+1.0121i	-0.3638+0.0351i	-0.3510+0.0511i	-0.6601+0.1549i	-0.5050+0.0663i
62.8	0.2923+0.0401i	-0.0660+0.3419i	0.5900-0.9072i	-0.4339+1.0546i	-0.3700+0.0397i	-0.3573+0.0590i	-0.6724+0.1695i	-0.5105+0.0688i
62.9	0.3100+0.0270i	-0.0625+0.3469i	0.5827-0.9352i	-0.4205+1.0855i	-0.3817+0.0426i	-0.3652+0.0627i	-0.6855+0.1782i	-0.5282+0.0722i
63.0	0.3331-0.0001i	-0.0595+0.3227i	0.5411-0.9650i	-0.3765+1.1039i	-0.3814+0.0569i	-0.3624+0.0770i	-0.6805+0.2059i	-0.5288+0.0918i
63.1	0.3563-0.0387i	-0.0452+0.3575i	0.5063-1.0121i	-0.3352+1.1354i	-0.3845+0.0768i	-0.3654+0.0976i	-0.6827+0.2454i	-0.5316+0.1206i
63.2	0.3751-0.0596i	-0.0509+0.3765i	0.4844-1.0788i	-0.3079+1.1864i	-0.3948+0.0882i	-0.3746+0.1084i	-0.6978+0.2725i	-0.5471+0.1357i
63.3	0.3989-0.0909i	-0.0537+0.3913i	0.4514-1.1362i	-0.2656+1.2269i	-0.3984+0.0978i	-0.3785+0.1154i	-0.6975+0.2949i	-0.5569+0.1416i
63.4	0.4258-0.1036i	-0.0694+0.4021i	0.4314-1.1511i	-0.2492+1.2374i	-0.4002+0.0934i	-0.3788+0.1110i	-0.6976+0.2917i	-0.5644+0.1354i
63.5	0.4330-0.1461i	-0.0604+0.4158i	0.4115-1.1951i	-0.2153+1.2720i	-0.4061+0.1024i	-0.3824+0.1208i	-0.7018+0.3148i	-0.5733+0.1450i
63.6	0.4272-0.2057i	-0.0383+0.4111i	0.3360-1.2434i	-0.1370+1.2760i	-0.4021+0.1309i	-0.3768+0.1473i	-0.6827+0.3674i	-0.5710+0.1822i
63.7	0.4431-0.2248i	-0.0473+0.4126i	0.2910-1.2745i	-0.1055+1.3024i	-0.4110+0.1341i	-0.3845+0.1491i	-0.6913+0.3769i	-0.5878+0.1846i
63.8	0.4383-0.2662i	-0.0309+0.4268i	0.2184-1.2827i	-0.0332+1.3063i	-0.4051+0.1506i	-0.3764+0.1641i	-0.6697+0.4053i	-0.5799+0.2078i
63.9	0.4339-0.3111i	-0.0076+0.4242i	0.1357-1.3107i	0.0496+1.3048i	-0.3978+0.1730i	-0.3669+0.1843i	-0.6389+0.4409i	-0.5789+0.2418i
64.0	0.4288-0.3516i	-0.0150+0.4265i	0.0635-1.3348i	0.1059+1.2996i	-0.3947+0.1881i	-0.3629+0.2001i	-0.6268+0.4700i	-0.5779+0.2618i
64.1	0.4108-0.3829i	0.0009+0.4185i	0.0030-1.3233i	0.1565+1.2762i	-0.3842+0.2010i	-0.3519+0.2114i	-0.6030+0.4836i	-0.5672+0.2805i
64.2	0.3926-0.4302i	0.0171+0.4299i	-0.0932-1.3338i	0.2473+1.2845i	-0.3808+0.2256i	-0.3469+0.2335i	-0.5860+0.5262i	-0.5585+0.3171i
64.3	0.4117-0.4478i	-0.0078+0.4487i	-0.0918-1.3567i	0.2385+1.3092i	-0.3959+0.2223i	-0.3615+0.2291i	-0.6118+0.5229i	-0.5860+0.3109i
64.4	0.3946-0.4685i	-0.0182+0.4468i	-0.1376-1.3430i	0.2705+1.2684i	-0.3852+0.2239i	-0.3512+0.2308i	-0.5872+0.5239i	-0.5785+0.3106i
64.5	0.3529-0.5064i	-0.0090+0.4487i	-0.2263-1.3124i	0.3381+1.2325i	-0.3652+0.2457i	-0.3314+0.2497i	-0.5416+0.5577i	-0.5540+0.3423i
64.6	0.3429-0.5522i	0.0032+0.4709i	-0.3011-1.2817i	0.4045+1.2176i	-0.3625+0.2742i	-0.3279+0.2751i	-0.5282+0.5979i	-0.5513+0.3885i
64.7	0.3299-0.5843i	0.0234+0.4806i	-0.3661-1.2622i	0.4568+1.1977i	-0.3543+0.2890i	-0.3192+0.2890i	-0.5100+0.6195i	-0.5390+0.4146i
64.8	0.2968-0.5756i	0.0190+0.4917i	-0.3880-1.2340i	0.4577+1.1748i	-0.3480+0.2817i	-0.3117+0.2812i	-0.4958+0.6074i	-0.5313+0.4054i
64.9	0.2477-0.6029i	0.0165+0.4909i	-0.4742-1.1869i	0.5213+1.1209i	-0.3357+0.2946i	-0.2987+0.2919i	-0.4595+0.6192i	-0.5183+0.4309i
65.0	0.2407-0.6285i	0.0159+0.5066i	-0.5056-1.1563i	0.5641+1.0941i	-0.3303+0.3113i	-0.2933+0.3050i	-0.4462+0.6370i	-0.5128+0.4586i
65.1	0.2089-0.6455i	0.0099+0.5078i	-0.5429-1.0831i	0.5831+1.0308i	-0.3102+0.3180i	-0.2754+0.3094i	-0.4112+0.6392i	-0.4871+0.4717i
65.2	0.1603-0.6632i	0.0415+0.5088i	-0.5873-1.0407i	0.6259+0.9872i	-0.2903+0.3378i	-0.2565+0.3277i	-0.3750+0.6625i	-0.4546+0.5059i
65.3	0.1259-0.6746i	0.0638+0.5168i	-0.6227-0.9655i	0.6509+0.8989i	-0.2689+0.3483i	-0.2352+0.3363i	-0.3365+0.6702i	-0.4213+0.5298i
65.4	0.0709-0.6591i	0.0877+0.4976i	-0.6328-0.8861i	0.6464+0.8256i	-0.2406+0.3495i	-0.2073+0.3367i	-0.2923+0.6621i	-0.3707+0.5340i
65.5	0.0588-0.6657i	0.0914+0.5041i	-0.6431-0.8567i	0.6477+0.8011i	-0.2338+0.3516i	-0.2018+0.3378i	-0.2850+0.6592i	-0.3599+0.5415i
65.6	0.0341-0.6806i	0.1055+0.5236i	-0.6675-0.8071i	0.6576+0.7554i	-0.2214+0.3579i	-0.1915+0.3418i	-0.2667+0.6652i	-0.3403+0.5519i
65.7	0.0089-0.6687i	0.1126+0.5263i	-0.6597-0.7537i	0.6403+0.7156i	-0.2094+0.3560i	-0.1789+0.3392i	-0.2504+0.6578i	-0.3159+0.5507i
65.8	-0.0282-0.6374i	0.1011+0.4984i	-0.6223-0.6946i	0.6071+0.6541i	-0.1884+0.3446i	-0.1601+0.3269i	-0.2219+0.6368i	-0.2820+0.5232i
65.9	-0.0573-0.6575i	0.1163+0.5133i	-0.6232-0.6617i	0.6003+0.6153i	-0.1808+0.3503i	-0.1547+0.3327i	-0.2114+0.6460i	-0.2686+0.5321i
66.0	-0.1009-0.6276i	0.1463+0.4843i	-0.6000-0.5906i	0.5641+0.5514i	-0.1509+0.3472i	-0.1269+0.3280i	-0.1665+0.6367i	-0.2185+0.5239i
66.1	-0.1221-0.6103i	0.1549+0.4891i	-0.5821-0.5773i	0.5438+0.5558i	-0.1407+0.3500i	-0.1161+0.3291i	-0.1502+0.6427i	-0.1996+0.5247i
66.2	-0.1333-0.6052i	0.1560+0.4892i	-0.5721-0.5609i	0.5369+0.5411i	-0.1324+0.3427i	-0.1089+0.3236i	-0.1355+0.6299i	-0.1915+0.5180i
66.3	-0.1618-0.5801i	0.1790+0.4751i	-0.5628-0.5210i	0.5269+0.5049i	-0.1136+0.3414i	-0.0915+0.3210i	-0.1028+0.6260i	-0.1645+0.5117i
66.4	-0.1743-0.5556i	0.1856+0.4650i	-0.5253-0.5089i	0.4929+0.5013i	-0.0959+0.3347i	-0.0750+0.3133i	-0.0733+0.6134i	-0.1386+0.4965i
66.5	-0.1825-0.5306i	0.1830+0.4539i	-0.5073-0.4916i	0.4662+0.4961i	-0.0879+0.3235i	-0.0672+0.3016i	-0.0615+0.5908i	-0.1267+0.4789i
66.6	-0.2033-0.5094i	0.1876+0.4568i	-0.4959-0.4782i	0.4414+0.4737i	-0.0731+0.3162i	-0.0553+0.2941i	-0.0400+0.5757i	-0.1039+0.4635i
66.7	-0.2070-0.4889i	0.1901+0.4598i	-0.4596-0.4733i	0.4166+0.4927i	-0.0706+0.3055i	-0.0538+0.2838i	-0.0360+0.5633i	-0.1034+0.4462i
66.8	-0.2099-0.4667i	0.1930+0.4372i	-0.4475-0.4572i	0.4055+0.4890i	-0.0616+0.2960i	-0.0449+0.2755i	-0.0175+0.5478i	-0.0930+0.4274i
66.9	-0.2216-0.4451i	0.1938+0.4257i	-0.4380-0.4375i	0.3765+0.4865i	-0.0513+0.2851i	-0.0352+0.2647i	-0.0017+0.5286i	-0.0771+0.4092i
67.0	-0.2128-0.4214i	0.1922+0.4167i	-0.4116-0.4315i	0.3512+0.4877i	-0.0465+0.2729i	-0.0315+0.2523i	0.0039+0.5087i	-0.0713+0.3881i
67.1	-0.2204-0.3991i	0.1985+0.4154i	-0.4101-0.4283i	0.3570+0.4940i	-0.0410+0.2690i	-0.0273+0.2466i	0.0164+0.5011i	-0.0647+0.3841i
67.2	-0.2240-0.3656i	0.1989+0.3934i	-0.3781-0.4084i	0.3296+0.4925i	-0.0315+0.2538i	-0.0170+0.2320i	0.0333+0.4756i	-0.0539+0.3591i
67.3	-0.1973-0.3368i	0.1781+0.3912i	-0.3597-0.4125i	0.3037+0.5181i	-0.0372+0.2412i	-0.0224+0.2214i	0.0252+0.4539i	-0.0653+0.3445i
67.4	-0.1887-0.3350i	0.1716+0.4017i	-0.3490-0.4162i	0.2964+0.5250i	-0.0412+0.2378i	-0.0270+0.2182i	0.0172+0.4410i	-0.0696+0.3448i
67.5	-0.1825-0.3232i	0.1728+0.3906i	-0.3425-0.4133i	0.3066+0.5144i	-0.0385+0.2310i	-0.0254+0.2106i	0.0203+0.4267i	-0.0678+0.3352i
67.6	-0.1830-0.3052i	0.1842+0.3840i	-0.3254-0.3991i	0.3044+0.5094i	-0.0283+0.2265i	-0.0166+0.2051i	0.0348+0.4175i	-0.0550+0.3244i
67.7	-0.1821-0.2969i	0.1850+0.3680i	-0.3226-0.4066i	0.2918+0.5252i	-0.0285+0.2183i	-0.0174+0.1984i	0.0302+0.4022i	-0.0519+0.3158i
67.8	-0.1684-0.2841i	0.1704+0.3619i	-0.2997-0.4024i	0.2747+0.5283i	-0.0279+0.2073i	-0.0168+0.1868i	0.0320+0.3845i	-0.0486+0.2936i
67.9	-0.1537-0.2853i	0.1534+0.3670i	-0.2872-0.3989i	0.2694+0.5482i	-0.0339+0.2012i	-0.0206+0.1805i	0.0208+0.3752i	-0.0535+0.2842i
68.0	-0.1308-0.2699i	0.1419+0.3665i	-0.2713-0.4103i	0.2622+0.5675i	-0.0385+0.1955i	-0.0273+0.1746i	0.0079+0.3675i	-0.0643+0.2737i
68.1	-0.1261-0.2600i	0.1457+0.3816i	-0.2608-0.4201i	0.2659+0.5689i	-0.0363+0.1952i	-0.0253+0.1735i	0.0134+0.3655i	-0.0630+0.2733i
68.2	-0.1146-0.2643i	0.1453+0.3806i	-0.2682-0.4254i	0.2678+0.5828i	-0.0369+0.1908i	-0.0265+0.1698i	0.0150+0.3590i	-0.0693+0.2664i
68.3	-0.1179-0.2530i	0.1506+0.3611i	-0.2713-0.4357i	0.2969+0.5914i	-0.0326+0.1858i	-0.0240+0.1651i	0.0228+0.3476i	-0.0649+0.2605i
68.4	-0.0901-0.2408i	0.1369+0.3572i	-0.2456-0.4434i	0.2956+0.5943i	-0.0357+0.1792i	-0.0275+0.1585i	0.0164+0.3379i	-0.0705+0.2500i
68.5	-0.0800-0.2446i	0.1249+0.3634i	-0.2374-0.4541i	0.2938+0.6085i	-0.0398+0.1748i	-0.0330+0.1528i	0.0066+0.3285i	-0.0759+0.2411i
68.6	-0.0662-0.2336i	0.1204+0.3635i	-0.2344-0.4462i	0.2882+0.6219i	-0.0430+0.1703i	-0.0353+0.1481i	-0.0043+0.3220i	-0.0766+0.2348i

68.7	-0.0576-0.2226i	0.0918+0.3604i	-0.2216-0.4415i	0.2652+0.6191i	-0.0458+0.1642i	-0.0372+0.1429i	-0.0126+0.3127i	-0.0801+0.2234i
68.8	-0.0385-0.2279i	0.0983+0.3622i	-0.2263-0.4604i	0.2902+0.6246i	-0.0493+0.1655i	-0.0414+0.1454i	-0.0195+0.3131i	-0.0841+0.2308i
68.9	-0.0181-0.2219i	0.1076+0.3792i	-0.2323-0.4664i	0.3047+0.6577i	-0.0498+0.1700i	-0.0437+0.1482i	-0.0235+0.3238i	-0.0859+0.2284i
69.0	-0.0015-0.2371i	0.0989+0.3937i	-0.2277-0.4957i	0.3186+0.6880i	-0.0542+0.1733i	-0.0479+0.1508i	-0.0321+0.3345i	-0.0920+0.2314i
69.1	0.0102-0.2354i	0.1012+0.4043i	-0.2329-0.4949i	0.3279+0.6859i	-0.0552+0.1698i	-0.0488+0.1481i	-0.0342+0.3334i	-0.0916+0.2255i
69.2	0.0197-0.2421i	0.0955+0.4031i	-0.2326-0.4898i	0.3392+0.6876i	-0.0574+0.1701i	-0.0519+0.1482i	-0.0430+0.3389i	-0.0922+0.2208i
69.3	0.0436-0.2529i	0.0903+0.3973i	-0.2325-0.5027i	0.3648+0.7003i	-0.0603+0.1705i	-0.0560+0.1483i	-0.0494+0.3408i	-0.0992+0.2176i
69.4	0.0577-0.2468i	0.0829+0.3766i	-0.2418-0.5165i	0.3918+0.6870i	-0.0580+0.1656i	-0.0556+0.1437i	-0.0481+0.3372i	-0.1013+0.2017i
69.5	0.0773-0.2448i	0.0539+0.3914i	-0.2346-0.5215i	0.3874+0.6777i	-0.0633+0.1625i	-0.0601+0.1401i	-0.0552+0.3397i	-0.1094+0.1889i
69.6	0.0918-0.2622i	0.0474+0.4048i	-0.2332-0.5218i	0.4060+0.6869i	-0.0641+0.1680i	-0.0613+0.1428i	-0.0532+0.3530i	-0.1116+0.1903i
69.7	0.0799-0.2829i	0.0813+0.4154i	-0.2648-0.5110i	0.4484+0.6764i	-0.0526+0.1752i	-0.0516+0.1506i	-0.0287+0.3701i	-0.0996+0.1932i
69.8	0.1087-0.2995i	0.0662+0.4448i	-0.2544-0.5152i	0.4633+0.6933i	-0.0602+0.1759i	-0.0591+0.1536i	-0.0346+0.3821i	-0.1202+0.1894i
69.9	0.1405-0.2965i	0.0470+0.4534i	-0.2493-0.5361i	0.4605+0.7201i	-0.0688+0.1720i	-0.0678+0.1494i	-0.0444+0.3819i	-0.1407+0.1812i
70.0	0.1383-0.3002i	0.0555+0.4581i	-0.2794-0.5363i	0.4954+0.6920i	-0.0591+0.1725i	-0.0601+0.1509i	-0.0201+0.3782i	-0.1365+0.1853i
70.1	0.1579-0.3274i	0.0594+0.4627i	-0.2878-0.5459i	0.5136+0.6843i	-0.0564+0.1735i	-0.0594+0.1539i	-0.0084+0.3863i	-0.1427+0.1870i
70.2	0.1558-0.3457i	0.0693+0.4740i	-0.2984-0.5530i	0.5306+0.6846i	-0.0526+0.1747i	-0.0552+0.1549i	0.0039+0.3936i	-0.1441+0.1797i
70.3	0.1578-0.3726i	0.0742+0.4950i	-0.3139-0.5568i	0.5607+0.6693i	-0.0513+0.1800i	-0.0540+0.1597i	0.0130+0.3985i	-0.1482+0.1911i
70.4	0.1718-0.3694i	0.0604+0.4983i	-0.3159-0.5547i	0.5549+0.6596i	-0.0536+0.1771i	-0.0557+0.1566i	0.0125+0.3947i	-0.1552+0.1886i
70.5	0.1873-0.3856i	0.0575+0.4985i	-0.3271-0.5487i	0.5809+0.6445i	-0.0550+0.1723i	-0.0575+0.1537i	0.0193+0.3865i	-0.1691+0.1876i
70.6	0.1552-0.3976i	0.0829+0.5019i	-0.3553-0.5253i	0.6151+0.6012i	-0.0432+0.1731i	-0.0478+0.1545i	0.0483+0.3856i	-0.1626+0.1896i
70.7	0.1763-0.4114i	0.0833+0.5303i	-0.3449-0.5337i	0.6130+0.6246i	-0.0473+0.1751i	-0.0526+0.1550i	0.0478+0.3950i	-0.1771+0.1840i
70.8	0.2040-0.4288i	0.0793+0.5473i	-0.3482-0.5335i	0.6255+0.6124i	-0.0516+0.1754i	-0.0553+0.1560i	0.0492+0.3911i	-0.1900+0.1881i
70.9	0.1947-0.4407i	0.0883+0.5426i	-0.3563-0.5210i	0.6387+0.5685i	-0.0464+0.1697i	-0.0502+0.1528i	0.0604+0.3761i	-0.1896+0.1923i
71.0	0.2093-0.4804i	0.1056+0.5671i	-0.3637-0.5263i	0.6870+0.5697i	-0.0461+0.1759i	-0.0512+0.1599i	0.0744+0.3853i	-0.2050+0.2077i
71.1	0.1953-0.5111i	0.1334+0.5728i	-0.3917-0.5283i	0.7065+0.5423i	-0.0410+0.1793i	-0.0451+0.1650i	0.0975+0.3856i	-0.2044+0.2203i
71.2	0.2137-0.5275i	0.1107+0.5836i	-0.3931-0.5184i	0.6875+0.5168i	-0.0465+0.1780i	-0.0513+0.1639i	0.0947+0.3777i	-0.2215+0.2317i
71.3	0.2338-0.5456i	0.1059+0.5894i	-0.3704-0.5025i	0.6906+0.5128i	-0.0501+0.1765i	-0.0555+0.1605i	0.0892+0.3694i	-0.2321+0.2324i
71.4	0.1979-0.5750i	0.1631+0.5709i	-0.3894-0.5035i	0.7098+0.4551i	-0.0362+0.1752i	-0.0424+0.1612i	0.1200+0.3534i	-0.2147+0.2478i
71.5	0.1690-0.6014i	0.1728+0.5941i	-0.3894-0.4987i	0.6956+0.4406i	-0.0339+0.1804i	-0.0384+0.1679i	0.1254+0.3543i	-0.2090+0.2664i
71.6	0.1855-0.6040i	0.1492+0.5935i	-0.3922-0.4830i	0.6917+0.4318i	-0.0390+0.1773i	-0.0414+0.1632i	0.1181+0.3386i	-0.2212+0.2641i
71.7	0.2017-0.5968i	0.1385+0.6002i	-0.3791-0.4815i	0.7066+0.4273i	-0.0403+0.1738i	-0.0441+0.1597i	0.1176+0.3315i	-0.2273+0.2632i
71.8	0.2071-0.6575i	0.1453+0.6454i	-0.3911-0.4945i	0.7206+0.4258i	-0.0433+0.1820i	-0.0463+0.1674i	0.1249+0.3420i	-0.2397+0.2882i
71.9	0.1592-0.6888i	0.1723+0.6389i	-0.4096-0.4829i	0.7299+0.3843i	-0.0338+0.1841i	-0.0368+0.1686i	0.1330+0.3254i	-0.2151+0.3100i
72.0	0.1053-0.6975i	0.1981+0.6216i	-0.4030-0.4559i	0.6782+0.3549i	-0.0246+0.1817i	-0.0289+0.1689i	0.1414+0.3133i	-0.1883+0.3180i
72.1	0.0666-0.7467i	0.2182+0.6455i	-0.4228-0.4452i	0.6734+0.3187i	-0.0191+0.1863i	-0.0246+0.1736i	0.1455+0.3149i	-0.1734+0.3343i
72.2	0.0737-0.7685i	0.2265+0.6487i	-0.4326-0.4616i	0.6959+0.3193i	-0.0201+0.1868i	-0.0250+0.1727i	0.1476+0.3090i	-0.1824+0.3376i
72.3	0.0850-0.7794i	0.2264+0.6570i	-0.4383-0.4673i	0.6953+0.3189i	-0.0237+0.1861i	-0.0263+0.1721i	0.1461+0.3064i	-0.1882+0.3401i
72.4	0.0637-0.8050i	0.2359+0.6664i	-0.4627-0.4641i	0.6901+0.2965i	-0.0196+0.1902i	-0.0221+0.1755i	0.1522+0.3028i	-0.1765+0.3557i
72.5	0.0181-0.7950i	0.2567+0.6606i	-0.4538-0.4514i	0.6753+0.2776i	-0.0098+0.1875i	-0.0134+0.1727i	0.1655+0.2961i	-0.1608+0.3539i
72.6	-0.0132-0.8184i	0.2865+0.6596i	-0.4535-0.4437i	0.6743+0.2580i	-0.0041+0.1871i	-0.0075+0.1734i	0.1730+0.2892i	-0.1476+0.3642i
72.7	0.0239-0.8375i	0.2897+0.6706i	-0.4506-0.4556i	0.6982+0.2731i	-0.0092+0.1883i	-0.0135+0.1736i	0.1655+0.2817i	-0.1600+0.3729i
72.8	-0.0199-0.8145i	0.3059+0.6631i	-0.4497-0.4334i	0.6867+0.2610i	0.0000+0.1825i	-0.0046+0.1684i	0.1733+0.2708i	-0.1331+0.3655i
72.9	-0.0962-0.8009i	0.3451+0.6528i	-0.4541-0.3963i	0.6654+0.2216i	0.0145+0.1784i	0.0085+0.1642i	0.1849+0.2653i	-0.0963+0.3550i
73.0	-0.1102-0.8276i	0.3601+0.6643i	-0.4626-0.3895i	0.6676+0.2170i	0.0143+0.1804i	0.0072+0.1657i	0.1878+0.2632i	-0.0997+0.3623i
73.1	-0.1288-0.8152i	0.3668+0.6549i	-0.4812-0.3666i	0.6568+0.1984i	0.0169+0.1758i	0.0102+0.1632i	0.1851+0.2476i	-0.0838+0.3627i
73.2	-0.1533-0.7839i	0.3683+0.6286i	-0.4907-0.3529i	0.6409+0.1881i	0.0193+0.1686i	0.0132+0.1551i	0.1841+0.2276i	-0.0706+0.3602i
73.3	-0.1796-0.8294i	0.4060+0.6390i	-0.4921-0.3664i	0.6574+0.1693i	0.0256+0.1702i	0.0197+0.1558i	0.1888+0.2225i	-0.0579+0.3696i
73.4	-0.1831-0.8487i	0.3961+0.6418i	-0.4785-0.3697i	0.6490+0.1596i	0.0238+0.1700i	0.0186+0.1539i	0.1828+0.2192i	-0.0582+0.3702i
73.5	-0.1942-0.8148i	0.3840+0.6397i	-0.4371-0.3305i	0.6025+0.1622i	0.0227+0.1628i	0.0173+0.1478i	0.1721+0.2143i	-0.0517+0.3566i
73.6	-0.1966-0.8233i	0.4069+0.6484i	-0.4414-0.3189i	0.6025+0.1568i	0.0225+0.1619i	0.0168+0.1480i	0.1774+0.2148i	-0.0551+0.3555i
73.7	-0.2027-0.8389i	0.4189+0.6687i	-0.4466-0.3282i	0.6053+0.1596i	0.0228+0.1610i	0.0175+0.1483i	0.1801+0.2130i	-0.0556+0.3583i
73.8	-0.2315-0.8290i	0.4364+0.6441i	-0.4464-0.3367i	0.6119+0.1499i	0.0292+0.1544i	0.0224+0.1427i	0.1871+0.1955i	-0.0423+0.3536i
73.9	-0.2520-0.8071i	0.4447+0.6183i	-0.4334-0.3134i	0.5868+0.1296i	0.0308+0.1494i	0.0240+0.1377i	0.1748+0.1879i	-0.0281+0.3419i
74.0	-0.3037-0.8180i	0.4646+0.6062i	-0.4493-0.3015i	0.5757+0.1006i	0.0351+0.1483i	0.0265+0.1350i	0.1779+0.1808i	-0.0173+0.3439i
74.1	-0.3192-0.8028i	0.4708+0.5921i	-0.4379-0.2989i	0.5581+0.0961i	0.0369+0.1420i	0.0292+0.1295i	0.1782+0.1736i	-0.0061+0.3278i
74.2	-0.3300-0.8046i	0.4869+0.6222i	-0.4113-0.2883i	0.5563+0.0969i	0.0379+0.1400i	0.0294+0.1296i	0.1790+0.1799i	-0.0007+0.3196i
74.3	-0.3586-0.7537i	0.5081+0.5780i	-0.4090-0.2767i	0.5438+0.0831i	0.0421+0.1311i	0.0335+0.1201i	0.1871+0.1621i	0.0056+0.3008i
74.4	-0.3583-0.7807i	0.5072+0.6036i	-0.4261-0.2878i	0.5433+0.0855i	0.0402+0.1322i	0.0326+0.1210i	0.1841+0.1655i	0.0039+0.3068i
74.5	-0.3798-0.7897i	0.5291+0.5892i	-0.4235-0.2829i	0.5331+0.0731i	0.0425+0.1308i	0.0344+0.1183i	0.1816+0.1624i	0.0134+0.3046i
74.6	-0.3847-0.7779i	0.5500+0.5716i	-0.4194-0.2839i	0.5321+0.0563i	0.0454+0.1243i	0.0362+0.1131i	0.1819+0.1512i	0.0192+0.2967i
74.7	-0.3939-0.7456i	0.5379+0.5480i	-0.3978-0.2634i	0.5091+0.0551i	0.0437+0.1171i	0.0346+0.1087i	0.1785+0.1445i	0.0182+0.2836i
74.8	-0.4158-0.7348i	0.5395+0.5453i	-0.3975-0.2381i	0.4907+0.0550i	0.0429+0.1151i	0.0338+0.1072i	0.1745+0.1432i	0.0218+0.2741i
74.9	-0.4224-0.6973i	0.5591+0.5118i	-0.3840-0.2410i	0.4799+0.0595i	0.0435+0.1087i	0.0342+0.1005i	0.1758+0.1297i	0.0197+0.2590i

75.0	-0.4115-0.6950i	0.5548+0.5188i	-0.3721-0.2345i	0.4725+0.0491i	0.0413+0.1068i	0.0316+0.0967i	0.1634+0.1267i	0.0218+0.2576i
75.1	-0.3820-0.6894i	0.5546+0.5436i	-0.3590-0.2140i	0.4631+0.0557i	0.0389+0.1021i	0.0286+0.0931i	0.1580+0.1244i	0.0150+0.2476i
75.2	-0.4088-0.6916i	0.5759+0.5287i	-0.3490-0.2242i	0.4632+0.0543i	0.0385+0.0997i	0.0289+0.0915i	0.1682+0.1194i	0.0109+0.2446i
75.3	-0.4206-0.6816i	0.5751+0.5012i	-0.3311-0.2267i	0.4383+0.0489i	0.0369+0.0963i	0.0273+0.0892i	0.1668+0.1164i	0.0087+0.2397i
75.4	-0.4285-0.6598i	0.5889+0.4779i	-0.3298-0.2238i	0.4402+0.0379i	0.0354+0.0916i	0.0266+0.0847i	0.1623+0.1084i	0.0071+0.2310i
75.5	-0.4303-0.6332i	0.6136+0.4372i	-0.2934-0.2218i	0.4277+0.0415i	0.0365+0.0842i	0.0263+0.0787i	0.1617+0.0962i	0.0099+0.2178i
75.6	-0.4759-0.6203i	0.6290+0.4265i	-0.2985-0.2212i	0.4153+0.0326i	0.0384+0.0834i	0.0270+0.0768i	0.1681+0.0909i	0.0130+0.2143i
75.7	-0.4726-0.5876i	0.6102+0.4141i	-0.3030-0.2283i	0.3951+0.0384i	0.0354+0.0805i	0.0252+0.0732i	0.1629+0.0790i	0.0076+0.2127i
75.8	-0.4590-0.6235i	0.6109+0.4274i	-0.2967-0.2447i	0.3937+0.0393i	0.0297+0.0790i	0.0192+0.0737i	0.1514+0.0831i	0.0012+0.2121i
75.9	-0.4732-0.6357i	0.6176+0.4131i	-0.2845-0.2488i	0.3840+0.0331i	0.0264+0.0754i	0.0178+0.0708i	0.1464+0.0801i	-0.0006+0.2075i
76.0	-0.4810-0.6251i	0.6329+0.4070i	-0.2681-0.2769i	0.3761+0.0454i	0.0249+0.0736i	0.0159+0.0692i	0.1451+0.0778i	-0.0043+0.2033i
76.1	-0.4797-0.6163i	0.6219+0.4069i	-0.2767-0.2754i	0.3599+0.0484i	0.0196+0.0709i	0.0125+0.0680i	0.1359+0.0747i	-0.0126+0.1993i
76.2	-0.4931-0.5848i	0.6151+0.3571i	-0.2732-0.2800i	0.3566+0.0527i	0.0184+0.0660i	0.0109+0.0640i	0.1325+0.0638i	-0.0111+0.1926i
76.3	-0.5225-0.6067i	0.6474+0.3635i	-0.2658-0.3018i	0.3428+0.0454i	0.0164+0.0666i	0.0073+0.0640i	0.1330+0.0648i	-0.0148+0.1920i
76.4	-0.5187-0.6021i	0.6638+0.3544i	-0.2729-0.3103i	0.3282+0.0424i	0.0138+0.0628i	0.0045+0.0617i	0.1294+0.0588i	-0.0183+0.1918i
76.5	-0.5033-0.6022i	0.6520+0.3476i	-0.2630-0.3233i	0.3267+0.0560i	0.0092+0.0611i	0.0017+0.0593i	0.1199+0.0569i	-0.0287+0.1891i
76.6	-0.4816-0.5964i	0.6043+0.3401i	-0.2487-0.3231i	0.3187+0.0688i	0.0044+0.0607i	-0.0031+0.0575i	0.1124+0.0564i	-0.0361+0.1793i
76.7	-0.4876-0.5764i	0.6057+0.3094i	-0.2644-0.3488i	0.3076+0.0768i	-0.0018+0.0600i	-0.0070+0.0559i	0.1106+0.0499i	-0.0417+0.1799i
76.8	-0.5129-0.5708i	0.6233+0.2977i	-0.2785-0.3585i	0.3048+0.0915i	-0.0039+0.0579i	-0.0108+0.0566i	0.1027+0.0501i	-0.0468+0.1819i
76.9	-0.5115-0.6046i	0.6168+0.3135i	-0.2772-0.3762i	0.3110+0.0850i	-0.0067+0.0588i	-0.0153+0.0595i	0.0952+0.0543i	-0.0523+0.1883i
77.0	-0.5318-0.5788i	0.6304+0.2814i	-0.2820-0.3750i	0.2946+0.0921i	-0.0106+0.0599i	-0.0169+0.0599i	0.0951+0.0548i	-0.0592+0.1891i
77.1	-0.5311-0.5744i	0.6233+0.3091i	-0.2798-0.3769i	0.2779+0.1099i	-0.0160+0.0611i	-0.0217+0.0599i	0.0926+0.0609i	-0.0747+0.1861i
77.2	-0.5114-0.5504i	0.6158+0.2734i	-0.2748-0.3985i	0.2804+0.1182i	-0.0203+0.0618i	-0.0248+0.0595i	0.0884+0.0579i	-0.0841+0.1840i
77.3	-0.5162-0.5485i	0.6082+0.2736i	-0.2887-0.4032i	0.2855+0.1234i	-0.0217+0.0622i	-0.0270+0.0615i	0.0828+0.0565i	-0.0841+0.1856i
77.4	-0.5601-0.5404i	0.6344+0.2811i	-0.2992-0.4020i	0.2772+0.1269i	-0.0235+0.0679i	-0.0307+0.0667i	0.0791+0.0643i	-0.0850+0.1946i
77.5	-0.5772-0.5155i	0.6297+0.2550i	-0.3091-0.3884i	0.2750+0.1333i	-0.0262+0.0719i	-0.0314+0.0690i	0.0767+0.0646i	-0.0867+0.2012i
77.6	-0.5546-0.5540i	0.6171+0.2587i	-0.3202-0.4284i	0.2941+0.1638i	-0.0342+0.0744i	-0.0383+0.0709i	0.0790+0.0690i	-0.1113+0.2094i
77.7	-0.5539-0.5539i	0.6081+0.2577i	-0.3291-0.4302i	0.2923+0.1583i	-0.0369+0.0737i	-0.0409+0.0728i	0.0712+0.0685i	-0.1115+0.2149i
77.8	-0.5459-0.5205i	0.5897+0.2250i	-0.3172-0.3984i	0.2850+0.1475i	-0.0377+0.0739i	-0.0424+0.0729i	0.0630+0.0649i	-0.1104+0.2106i
77.9	-0.5450-0.5057i	0.5923+0.2218i	-0.3229-0.3957i	0.2926+0.1664i	-0.0383+0.0770i	-0.0443+0.0757i	0.0653+0.0701i	-0.1160+0.2164i
78.0	-0.5501-0.5043i	0.6034+0.2327i	-0.3378-0.3985i	0.2969+0.1733i	-0.0412+0.0817i	-0.0451+0.0793i	0.0674+0.0767i	-0.1217+0.2305i
78.1	-0.5730-0.4820i	0.6078+0.2004i	-0.3820-0.3984i	0.3186+0.1718i	-0.0401+0.0903i	-0.0439+0.0874i	0.0693+0.0738i	-0.1206+0.2535i
78.2	-0.5636-0.4965i	0.6076+0.2014i	-0.3786-0.4140i	0.3137+0.1704i	-0.0441+0.0954i	-0.0479+0.0924i	0.0695+0.0794i	-0.1293+0.2665i
78.3	-0.5696-0.4835i	0.5905+0.1917i	-0.3775-0.4028i	0.3025+0.1691i	-0.0419+0.0974i	-0.0457+0.0946i	0.0690+0.0782i	-0.1219+0.2720i
78.4	-0.6009-0.4802i	0.5965+0.1789i	-0.4051-0.4074i	0.3215+0.1684i	-0.0424+0.1038i	-0.0453+0.1008i	0.0713+0.0852i	-0.1213+0.2839i
78.5	-0.5928-0.4642i	0.5992+0.1785i	-0.4181-0.3897i	0.3225+0.1665i	-0.0390+0.1115i	-0.0424+0.1081i	0.0762+0.0882i	-0.1101+0.3023i
78.6	-0.5762-0.4364i	0.5756+0.1688i	-0.4078-0.3647i	0.3251+0.1639i	-0.0309+0.1115i	-0.0337+0.1105i	0.0839+0.0822i	-0.0943+0.3055i
78.7	-0.5663-0.4421i	0.5717+0.1637i	-0.4175-0.3643i	0.3431+0.1607i	-0.0267+0.1120i	-0.0310+0.1105i	0.0885+0.0774i	-0.0909+0.3115i
78.8	-0.5667-0.4711i	0.5799+0.1737i	-0.4204-0.3931i	0.3548+0.1570i	-0.0248+0.1179i	-0.0290+0.1135i	0.0900+0.0799i	-0.0878+0.3239i
78.9	-0.5625-0.5026i	0.5813+0.1648i	-0.4213-0.4033i	0.3570+0.1310i	-0.0241+0.1190i	-0.0269+0.1167i	0.0868+0.0816i	-0.0806+0.3296i
79.0	-0.6132-0.5234i	0.5920+0.1712i	-0.4558-0.4062i	0.3497+0.1189i	-0.0197+0.1267i	-0.0210+0.1254i	0.0934+0.0913i	-0.0660+0.3454i
79.1	-0.6138-0.4378i	0.5509+0.1381i	-0.4609-0.3644i	0.3334+0.1282i	-0.0108+0.1220i	-0.0098+0.1181i	0.1063+0.0783i	-0.0483+0.3339i
79.2	-0.6294-0.4603i	0.5642+0.1440i	-0.4619-0.3703i	0.3433+0.1338i	-0.0060+0.1243i	-0.0047+0.1207i	0.1175+0.0768i	-0.0426+0.3471i
79.3	-0.6146-0.4489i	0.5464+0.1406i	-0.4696-0.3405i	0.3557+0.1276i	0.0009+0.1190i	0.0004+0.1156i	0.1214+0.0639i	-0.0247+0.3389i
79.4	-0.6121-0.4265i	0.5204+0.1304i	-0.4728-0.3299i	0.3537+0.1276i	0.0031+0.1121i	0.0021+0.1090i	0.1205+0.0468i	-0.0186+0.3303i
79.5	-0.6187-0.4386i	0.5402+0.1502i	-0.4709-0.3374i	0.3597+0.1395i	0.0024+0.1141i	0.0012+0.1096i	0.1198+0.0461i	-0.0209+0.3348i
79.6	-0.6232-0.4415i	0.5508+0.1504i	-0.4720-0.3434i	0.3571+0.1410i	0.0039+0.1114i	0.0039+0.1087i	0.1176+0.0412i	-0.0146+0.3344i
79.7	-0.6424-0.4404i	0.5433+0.1560i	-0.4739-0.3413i	0.3418+0.1317i	0.0061+0.1076i	0.0059+0.1058i	0.1106+0.0351i	-0.0024+0.3315i
79.8	-0.6496-0.4354i	0.5308+0.1663i	-0.4790-0.3187i	0.3366+0.1194i	0.0067+0.1030i	0.0058+0.0977i	0.1051+0.0234i	0.0021+0.3238i
79.9	-0.6489-0.4328i	0.5297+0.1666i	-0.4737-0.2987i	0.3356+0.1294i	0.0075+0.0973i	0.0058+0.0932i	0.1011+0.0122i	0.0072+0.3137i
80.0	-0.6473-0.4387i	0.5323+0.1643i	-0.4588-0.3074i	0.3287+0.1278i	0.0047+0.0949i	0.0018+0.0920i	0.0923+0.0082i	0.0039+0.3127i

1.1.14 Run 4 – IP050 – SF and shaft bending gauges

In-plane shaking at 50°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0281+0.0000i	-0.4346+0.0000i	-0.5729+0.0000i	-0.3004+0.0000i	0.9842+0.0000i	-8.8562+0.0000i	3.5514+0.0000i	0.8033+0.0000i
0.1	0.0149-0.0020i	-0.3215-0.0081i	-0.4337-0.0080i	-0.2160-0.0071i	4.8365-0.1903i	-10.8524+0.2893i	5.2933-0.1899i	-0.7272+0.1955i
0.2	0.1813-0.0016i	0.1259-0.0074i	0.1360-0.0011i	0.1228-0.0047i	21.4657+0.1744i	-18.2194+1.0371i	12.9287-0.4284i	-6.6432+0.3949i
0.3	0.1682+0.0038i	0.0799-0.0060i	0.1038-0.0037i	0.1058-0.0031i	24.2158+0.1746i	-15.3224+0.3427i	14.3367-0.3798i	-5.2758-0.0041i
0.4	0.1942+0.0162i	0.1469+0.0763i	0.1298+0.0402i	0.1430+0.0317i	21.1065-3.6310i	-20.2072-4.0690i	13.0460-2.1192i	-7.8803-2.6365i
0.5	0.2521-0.0084i	0.3180+0.0227i	0.2323+0.0053i	0.2301+0.0071i	11.4844-1.1678i	-29.7095+0.2239i	7.7287-1.0211i	-12.8634-0.3469i
0.6	0.2381-0.0091i	0.2846-0.0003i	0.2144-0.0052i	0.2103-0.0001i	13.2596+0.0453i	-26.7761+1.0957i	8.3934-0.2170i	-11.3424+0.1013i
0.7	0.2332-0.0115i	0.2759-0.0037i	0.2080-0.0068i	0.2048-0.0020i	13.5467+0.0845i	-25.6338+1.4060i	8.2818-0.2642i	-10.7159+0.3037i
0.8	0.2344-0.0150i	0.2897-0.0121i	0.2135-0.0112i	0.2103-0.0077i	12.3908+0.3919i	-25.5573+2.5170i	7.4342-0.3985i	-10.6482+1.0798i
0.9	0.2282-0.0178i	0.2640-0.0480i	0.2000-0.0270i	0.1930-0.0250i	11.7683+2.3215i	-20.3826+4.3029i	5.5031+0.4585i	-7.0116+2.2079i
1.0	0.2235-0.0139i	0.2208-0.0496i	0.1794-0.0255i	0.1678-0.0232i	11.9423+2.9034i	-14.3828+2.9535i	3.8240+1.2280i	-2.8095+1.2935i
1.1	0.2250-0.0096i	0.2161-0.0253i	0.1794-0.0137i	0.1758-0.0127i	17.3778+1.1830i	-20.4674+2.0191i	9.5502+0.0660i	-7.7816+0.8430i
1.2	0.2316-0.0119i	0.2309-0.0158i	0.1881-0.0100i	0.1903-0.0059i	21.0270+1.4236i	-26.1269+0.5757i	13.9066+0.6277i	-12.2543-0.2437i
1.3	0.2380-0.0155i	0.2441-0.0131i	0.1955-0.0100i	0.1956-0.0069i	19.9803+0.6255i	-25.2540+1.0395i	12.7981-0.0276i	-11.5077+0.2015i
1.4	0.2413-0.0161i	0.2641-0.0207i	0.2026-0.0127i	0.2034-0.0101i	19.6095+0.5592i	-24.9255+1.3225i	12.3931-0.1324i	-11.2127+0.4168i
1.5	0.2622-0.0170i	0.2740-0.0529i	0.2124-0.0240i	0.2126-0.0214i	19.6583+0.6966i	-24.5142+1.5277i	12.2382-0.0607i	-10.8854+0.5363i
1.6	0.2894-0.0307i	0.2639-0.0648i	0.2183-0.0322i	0.2180-0.0291i	19.7074+0.3191i	-24.4359+1.4795i	12.1816-0.2946i	-10.8065+0.5300i
1.7	0.3099-0.0757i	0.2700-0.0877i	0.2275-0.0542i	0.2268-0.0508i	19.6385+0.0894i	-24.5056+1.7093i	12.0648-0.4203i	-10.8021+0.6594i
1.8	0.3151-0.1212i	0.2725-0.1158i	0.2302-0.0783i	0.2295-0.0745i	19.6059-0.0545i	-24.5170+2.0406i	11.9899-0.5087i	-10.7752+0.8355i
1.9	0.2619-0.1925i	0.2260-0.1640i	0.1973-0.1178i	0.1979-0.1137i	19.7315-0.0743i	-23.9663+2.6887i	11.9818-0.5645i	-10.4654+1.1762i
2.0	0.1758-0.2189i	0.1574-0.1751i	0.1464-0.1304i	0.1480-0.1268i	20.0972+0.0189i	-23.1367+2.9010i	12.0936-0.5195i	-9.9989+1.2930i
2.1	0.0955-0.1635i	0.1019-0.1237i	0.1021-0.0955i	0.1034-0.0928i	21.0359-0.1514i	-22.5048+2.3436i	12.5142-0.5835i	-9.5857+1.0045i
2.2	0.0761-0.1235i	0.0928-0.0900i	0.0933-0.0716i	0.0935-0.0689i	22.6165-0.6043i	-22.5255+1.9811i	13.3346-0.8065i	-9.4744+0.7769i
2.3	0.0627-0.0876i	0.0886-0.0628i	0.0874-0.0514i	0.0873-0.0483i	23.1045-2.1716i	-22.4598+1.8103i	13.5495-1.6227i	-9.4078+0.5685i
2.4	0.0965-0.0524i	0.1139-0.0390i	0.1044-0.0317i	0.1086-0.0298i	14.8592-1.2675i	-21.8801+1.3070i	9.1676-0.9712i	-9.7523+0.4488i
2.5	0.1068-0.0372i	0.1238-0.0271i	0.1117-0.0223i	0.1149-0.0212i	16.0659-0.2557i	-22.1466+1.0524i	9.8187-0.4324i	-9.7869+0.3965i
2.6	0.1171-0.0300i	0.1332-0.0222i	0.1186-0.0183i	0.1209-0.0175i	16.8700-0.0560i	-22.3678+1.0159i	10.2411-0.3451i	-9.8282+0.4050i
2.7	0.1218-0.0257i	0.1381-0.0201i	0.1220-0.0163i	0.1241-0.0156i	17.2292+0.0417i	-22.4506+1.0586i	10.4279-0.3090i	-9.8362+0.4476i
2.8	0.1263-0.0217i	0.1413-0.0180i	0.1244-0.0142i	0.1260-0.0137i	17.5445+0.1460i	-22.4054+1.0098i	10.5520-0.2407i	-9.7638+0.4302i
2.9	0.1333-0.0191i	0.1446-0.0167i	0.1277-0.0128i	0.1292-0.0123i	17.9380+0.2136i	-22.4235+0.8935i	10.7715-0.1814i	-9.7562+0.3562i
3.0	0.1381-0.0161i	0.1481-0.0128i	0.1307-0.0105i	0.1319-0.0098i	18.1485+0.1389i	-22.5388+0.7349i	10.9022-0.1923i	-9.8131+0.2703i
3.1	0.1400-0.0149i	0.1511-0.0114i	0.1324-0.0097i	0.1337-0.0089i	18.2027+0.1006i	-22.6614+0.7061i	10.9483-0.2089i	-9.8757+0.2618i
3.2	0.1435-0.0145i	0.1543-0.0111i	0.1346-0.0093i	0.1358-0.0088i	18.3588+0.1275i	-22.7818+0.6726i	11.0476-0.1737i	-9.9323+0.2379i
3.3	0.1454-0.0131i	0.1553-0.0100i	0.1357-0.0084i	0.1369-0.0080i	18.5513+0.1126i	-22.8759+0.6325i	11.1846-0.1783i	-9.9988+0.2221i
3.4	0.1481-0.0105i	0.1582-0.0073i	0.1376-0.0067i	0.1388-0.0063i	18.6401+0.0448i	-22.9973+0.6017i	11.2455-0.2186i	-10.0619+0.2228i
3.5	0.1505-0.0116i	0.1607-0.0081i	0.1393-0.0074i	0.1405-0.0069i	18.7329-0.0044i	-23.0923+0.6722i	11.3080-0.2767i	-10.1078+0.2798i
3.6	0.1525-0.0107i	0.1630-0.0076i	0.1408-0.0070i	0.1419-0.0065i	18.7322-0.0527i	-23.0893+0.6959i	11.2741-0.3092i	-10.0777+0.3014i
3.7	0.1547-0.0101i	0.1652-0.0074i	0.1424-0.0068i	0.1433-0.0063i	18.7731+0.0051i	-23.1359+0.6331i	11.2865-0.2505i	-10.0880+0.2558i
3.8	0.1569-0.0098i	0.1670-0.0073i	0.1439-0.0066i	0.1447-0.0062i	18.8768+0.0184i	-23.2353+0.6060i	11.3560-0.2331i	-10.1425+0.2399i
3.9	0.1580-0.0088i	0.1681-0.0068i	0.1447-0.0062i	0.1455-0.0058i	18.9845+0.0063i	-23.3276+0.5900i	11.4351-0.2404i	-10.1957+0.2347i
4.0	0.1587-0.0087i	0.1688-0.0065i	0.1454-0.0061i	0.1461-0.0057i	19.0787+0.0052i	-23.3900+0.5765i	11.4950-0.2356i	-10.2252+0.2280i
4.1	0.1606-0.0078i	0.1708-0.0057i	0.1467-0.0055i	0.1474-0.0052i	19.1551-0.0146i	-23.4845+0.5553i	11.5470-0.2423i	-10.2717+0.2201i
4.2	0.1618-0.0077i	0.1723-0.0056i	0.1478-0.0053i	0.1484-0.0051i	19.2384-0.0368i	-23.5721+0.5603i	11.6031-0.2561i	-10.3174+0.2292i
4.3	0.1634-0.0076i	0.1742-0.0056i	0.1490-0.0054i	0.1496-0.0050i	19.3394-0.0347i	-23.6844+0.5664i	11.6728-0.2605i	-10.3756+0.2352i
4.4	0.1651-0.0071i	0.1758-0.0054i	0.1503-0.0054i	0.1508-0.0048i	19.4375-0.0444i	-23.7945+0.5540i	11.7454-0.2595i	-10.4317+0.2281i
4.5	0.1662-0.0066i	0.1771-0.0049i	0.1513-0.0050i	0.1517-0.0045i	19.5591-0.0789i	-23.8952+0.5490i	11.8249-0.2789i	-10.4828+0.2311i
4.6	0.1674-0.0062i	0.1785-0.0047i	0.1523-0.0049i	0.1528-0.0044i	19.6522-0.0725i	-23.9783+0.5494i	11.8844-0.2853i	-10.5263+0.2378i
4.7	0.1692-0.0062i	0.1802-0.0048i	0.1536-0.0050i	0.1539-0.0045i	19.7580-0.0793i	-24.0864+0.5551i	11.9555-0.2882i	-10.5794+0.2424i
4.8	0.1709-0.0058i	0.1819-0.0048i	0.1548-0.0048i	0.1550-0.0043i	19.8546-0.0987i	-24.1860+0.5570i	12.0170-0.2969i	-10.6286+0.2457i
4.9	0.1726-0.0054i	0.1837-0.0045i	0.1562-0.0045i	0.1563-0.0041i	19.9620-0.1294i	-24.2933+0.5610i	12.0847-0.3170i	-10.6775+0.2487i
5.0	0.1750-0.0057i	0.1858-0.0047i	0.1580-0.0046i	0.1579-0.0041i	20.1079-0.1195i	-24.4272+0.5350i	12.1739-0.2999i	-10.7425+0.2280i
5.1	0.1767-0.0055i	0.1875-0.0048i	0.1594-0.0046i	0.1592-0.0043i	20.2241-0.1249i	-24.5477+0.5296i	12.2634-0.2996i	-10.8102+0.2258i
5.2	0.1780-0.0056i	0.1893-0.0052i	0.1606-0.0048i	0.1603-0.0046i	20.3302-0.1924i	-24.6888+0.5700i	12.3504-0.3559i	-10.8897+0.2564i
5.3	0.1795-0.0067i	0.1911-0.0059i	0.1619-0.0053i	0.1615-0.0051i	20.4759-0.2269i	-24.8090+0.6097i	12.4477-0.3854i	-10.9474+0.2883i
5.4	0.1804-0.0070i	0.1919-0.0059i	0.1629-0.0055i	0.1623-0.0052i	20.5861-0.2473i	-24.8714+0.6039i	12.5019-0.3905i	-10.9690+0.2825i
5.5	0.1825-0.0070i	0.1935-0.0062i	0.1642-0.0057i	0.1635-0.0052i	20.7002-0.2812i	-24.9801+0.5982i	12.5748-0.3959i	-11.0203+0.2718i
5.6	0.1842-0.0077i	0.1952-0.0066i	0.1654-0.0060i	0.1646-0.0056i	20.8686-0.2909i	-25.1466+0.5902i	12.7052-0.3950i	-11.1108+0.2618i

5.7	0.1838-0.0082i	0.1954-0.0070i	0.1658-0.0066i	0.1645-0.0058i	21.0416-0.2854i	-25.2923+0.5531i	12.8273-0.3713i	-11.1876+0.2329i
5.8	0.1848-0.0084i	0.1964-0.0075i	0.1666-0.0068i	0.1653-0.0060i	21.2502-0.3528i	-25.4376+0.5872i	12.9579-0.4200i	-11.2605+0.2497i
5.9	0.1859-0.0083i	0.1976-0.0076i	0.1677-0.0069i	0.1661-0.0059i	21.3747-0.4154i	-25.5549+0.5931i	13.0476-0.4558i	-11.3169+0.2541i
6.0	0.1871-0.0071i	0.1993-0.0069i	0.1693-0.0062i	0.1671-0.0052i	21.4430-0.4862i	-25.6940+0.5790i	13.1092-0.4931i	-11.4009+0.2430i
6.1	0.1895-0.0076i	0.2020-0.0070i	0.1717-0.0068i	0.1688-0.0055i	21.5701-0.5847i	-25.8831+0.6161i	13.1994-0.5507i	-11.4943+0.2609i
6.2	0.1911-0.0076i	0.2035-0.0070i	0.1732-0.0067i	0.1698-0.0053i	21.6981-0.6383i	-26.0131+0.6340i	13.2843-0.5913i	-11.5568+0.2777i
6.3	0.1926-0.0078i	0.2054-0.0068i	0.1748-0.0068i	0.1708-0.0051i	21.9344-0.6496i	-26.1724+0.6363i	13.4375-0.6013i	-11.6372+0.2821i
6.4	0.1927-0.0077i	0.2064-0.0069i	0.1757-0.0074i	0.1711-0.0050i	22.2119-0.6736i	-26.3784+0.6491i	13.6318-0.6197i	-11.7440+0.2851i
6.5	0.1937-0.0076i	0.2079-0.0071i	0.1771-0.0077i	0.1718-0.0049i	22.4441-0.7455i	-26.5485+0.6629i	13.7924-0.6536i	-11.8290+0.2861i
6.6	0.1952-0.0066i	0.2100-0.0065i	0.1790-0.0077i	0.1723-0.0042i	22.7715-0.8443i	-26.7567+0.6762i	14.0028-0.7201i	-11.9293+0.2832i
6.7	0.1972-0.0064i	0.2121-0.0067i	0.1814-0.0088i	0.1732-0.0034i	23.0111-0.9461i	-26.9671+0.6886i	14.1782-0.7792i	-12.0368+0.2772i
6.8	0.1995-0.0061i	0.2142-0.0063i	0.1845-0.0092i	0.1737-0.0022i	23.3889-1.1208i	-27.1693+0.7024i	14.4125-0.8780i	-12.1248+0.2765i
6.9	0.2016-0.0060i	0.2169-0.0067i	0.1875-0.0116i	0.1743+0.0001i	23.7484-1.6651i	-27.3912+0.7965i	14.6508-1.2067i	-12.2303+0.2927i
7.0	0.2039-0.0059i	0.2199-0.0073i	0.1914-0.0159i	0.1747+0.0041i	24.1979-2.3348i	-27.6191+0.8738i	14.9348-1.6136i	-12.3292+0.2816i
7.1	0.2066-0.0077i	0.2230-0.0090i	0.1912-0.0249i	0.1799+0.0104i	24.0211-3.4937i	-27.8402+1.0232i	14.8583-2.2910i	-12.4832+0.2616i
7.2	0.2062-0.0082i	0.2232-0.0103i	0.1800-0.0267i	0.1914+0.0111i	22.5209-3.6254i	-27.8569+1.0627i	14.0048-2.3415i	-12.6362+0.2687i
7.3	0.2063-0.0064i	0.2243-0.0094i	0.1747-0.0222i	0.1980+0.0087i	21.9416-3.1773i	-27.9894+1.0065i	13.6873-2.0819i	-12.7777+0.2886i
7.4	0.2104-0.0046i	0.2287-0.0086i	0.1753-0.0160i	0.2043+0.0043i	21.6234-2.5487i	-28.2273+0.9415i	13.5464-1.7180i	-12.9512+0.3207i
7.5	0.2132-0.0053i	0.2317-0.0092i	0.1784-0.0114i	0.2056-0.0016i	21.8608-1.6942i	-28.4501+0.8844i	13.7386-1.2401i	-13.0645+0.3663i
7.6	0.2149-0.0060i	0.2340-0.0111i	0.1822-0.0104i	0.2049-0.0055i	22.5386-1.4042i	-28.7444+0.9376i	14.1927-1.0711i	-13.1911+0.4207i
7.7	0.2176-0.0052i	0.2369-0.0107i	0.1860-0.0094i	0.2057-0.0059i	23.2396-1.4280i	-29.0687+0.9514i	14.6279-1.0999i	-13.3254+0.4334i
7.8	0.2216-0.0056i	0.2408-0.0104i	0.1899-0.0090i	0.2086-0.0060i	23.8137-1.6957i	-29.5154+1.0386i	15.0057-1.2943i	-13.5630+0.4841i
7.9	0.2233-0.0063i	0.2432-0.0118i	0.1909-0.0098i	0.2109-0.0071i	24.0911-1.9459i	-29.8360+1.2382i	15.2603-1.4947i	-13.7757+0.6151i
8.0	0.2257-0.0059i	0.2457-0.0137i	0.1927-0.0098i	0.2128-0.0087i	24.2410-2.1287i	-29.9578+1.4805i	15.3448-1.7006i	-13.8084+0.7977i
8.1	0.2281-0.0052i	0.2486-0.0141i	0.1951-0.0092i	0.2145-0.0093i	24.3311-2.1111i	-30.0314+1.4098i	15.3659-1.6548i	-13.7980+0.7444i
8.2	0.2310-0.0059i	0.2522-0.0147i	0.1973-0.0095i	0.2171-0.0100i	24.8238-2.0845i	-30.4143+1.3634i	15.6916-1.5945i	-14.0030+0.6918i
8.3	0.2343-0.0064i	0.2564-0.0152i	0.2004-0.0089i	0.2206-0.0111i	25.6230-2.2267i	-31.1112+1.4620i	16.3122-1.7193i	-14.4267+0.7629i
8.4	0.2368-0.0070i	0.2585-0.0173i	0.2024-0.0094i	0.2223-0.0131i	25.9591-2.6556i	-31.3786+1.8460i	16.5965-2.1059i	-14.5697+1.0262i
8.5	0.2418-0.0067i	0.2629-0.0187i	0.2057-0.0098i	0.2268-0.0148i	26.7148-3.2213i	-31.9123+2.3111i	17.1379-2.6077i	-14.8643+1.3438i
8.6	0.2459-0.0075i	0.2647-0.0230i	0.2074-0.0115i	0.2284-0.0184i	26.5239-4.2726i	-31.5464+3.0918i	16.8104-3.4823i	-14.5063+1.8682i
8.7	0.2492-0.0073i	0.2657-0.0232i	0.2083-0.0109i	0.2289-0.0186i	26.1433-4.4328i	-30.7847+2.9344i	16.2146-3.5044i	-13.8493+1.7267i
8.8	0.2524-0.0077i	0.2675-0.0220i	0.2095-0.0095i	0.2307-0.0184i	26.3197-4.3591i	-30.6780+2.3741i	16.1985-3.2499i	-13.6676+1.2674i
8.9	0.2566-0.0093i	0.2721-0.0209i	0.2127-0.0078i	0.2350-0.0194i	27.1462-4.8107i	-31.2886+1.9416i	16.7879-3.3453i	-13.9898+0.8541i
9.0	0.2616-0.0102i	0.2790-0.0208i	0.2179-0.0053i	0.2392-0.0220i	27.3229-6.0611i	-31.9048+1.8856i	17.0158-3.9863i	-14.3967+0.6627i
9.1	0.2679-0.0114i	0.2859-0.0221i	0.2228-0.0047i	0.2443-0.0245i	27.4889-6.7807i	-32.4591+1.8815i	17.1818-4.3576i	-14.7464+0.5628i
9.2	0.2754-0.0149i	0.2925-0.0232i	0.2261-0.0021i	0.2522-0.0311i	29.2162-9.1032i	-33.2688+2.1124i	18.3305-5.7142i	-15.1332+0.4922i
9.3	0.2799-0.0233i	0.3007-0.0273i	0.2371-0.0000i	0.2504-0.0416i	26.0899-12.6039i	-33.5031+2.7031i	16.5563-7.8692i	-15.5538+0.5918i
9.4	0.2789-0.0306i	0.3084-0.0365i	0.2491-0.0058i	0.2428-0.0467i	20.6836-12.5032i	-33.3998+2.9048i	13.3983-7.8063i	-15.9300+0.7251i
9.5	0.2755-0.0319i	0.3099-0.0448i	0.2537-0.0143i	0.2382-0.0445i	18.3072-9.5165i	-33.3946+2.7266i	12.0311-5.9987i	-16.1145+0.8417i
9.6	0.2748-0.0308i	0.3099-0.0523i	0.2555-0.0217i	0.2375-0.0410i	17.9271-6.3127i	-33.7255+2.5223i	11.8775-4.1125i	-16.3537+0.9596i
9.7	0.2772-0.0297i	0.3095-0.0558i	0.2562-0.0258i	0.2407-0.0387i	18.9602-4.3905i	-34.2020+2.4138i	12.5503-3.0025i	-16.5556+1.0608i
9.8	0.2804-0.0302i	0.3093-0.0594i	0.2563-0.0294i	0.2440-0.0392i	20.1603-3.5761i	-34.6538+2.5392i	13.3044-2.5222i	-16.7377+1.2004i
9.9	0.2826-0.0291i	0.3083-0.0616i	0.2563-0.0311i	0.2462-0.0388i	21.1261-2.8373i	-35.1167+2.5221i	13.9169-2.1062i	-16.9417+1.2548i
10.0	0.2850-0.0288i	0.3089-0.0635i	0.2571-0.0324i	0.2486-0.0385i	21.9091-2.2642i	-35.5669+2.4306i	14.4071-1.7659i	-17.1572+1.2306i
10.1	0.2889-0.0291i	0.3103-0.0669i	0.2592-0.0344i	0.2520-0.0397i	22.7319-2.1199i	-36.2096+2.5528i	14.9791-1.6396i	-17.4793+1.2984i
10.2	0.2921-0.0288i	0.3141-0.0688i	0.2613-0.0353i	0.2558-0.0404i	23.3897-1.9525i	-36.8196+2.6060i	15.4820-1.5279i	-17.8065+1.3227i
10.3	0.2967-0.0274i	0.3148-0.0682i	0.2635-0.0348i	0.2586-0.0399i	23.9525-1.6833i	-37.3948+2.6054i	15.9308-1.4303i	-18.1248+1.3495i
10.4	0.3019-0.0271i	0.3182-0.0702i	0.2670-0.0359i	0.2624-0.0409i	24.5260-1.6899i	-38.0787+2.8824i	16.3961-1.4871i	-18.5263+1.5302i
10.5	0.3057-0.0272i	0.3188-0.0714i	0.2686-0.0366i	0.2646-0.0414i	24.9400-1.7627i	-38.5296+3.1549i	16.7081-1.5807i	-18.7811+1.7013i
10.6	0.3134-0.0252i	0.3216-0.0701i	0.2736-0.0365i	0.2690-0.0406i	25.6211-1.5717i	-39.3112+3.2985i	17.1797-1.5281i	-19.1854+1.8028i
10.7	0.3204-0.0243i	0.3240-0.0732i	0.2777-0.0382i	0.2735-0.0413i	26.1484-1.2851i	-39.9666+3.4466i	17.5789-1.3648i	-19.5530+1.9115i
10.8	0.3273-0.0258i	0.3275-0.0753i	0.2812-0.0400i	0.2778-0.0427i	26.4822-1.3650i	-40.3991+3.7934i	17.8245-1.4585i	-19.7862+2.1310i
10.9	0.3360-0.0267i	0.3326-0.0772i	0.2861-0.0412i	0.2836-0.0441i	27.1568-1.4789i	-41.1336+4.1139i	18.2914-1.5631i	-20.1579+2.3240i
11.0	0.3448-0.0267i	0.3371-0.0774i	0.2913-0.0416i	0.2891-0.0445i	27.6481-1.1828i	-41.7847+4.2502i	18.6888-1.4501i	-20.5170+2.4291i
11.1	0.3544-0.0315i	0.3399-0.0788i	0.2963-0.0447i	0.2943-0.0474i	28.4258-0.9456i	-42.4246+4.6665i	19.1686-1.3251i	-20.8572+2.6733i
11.2	0.3598-0.0339i	0.3415-0.0786i	0.2990-0.0460i	0.2970-0.0485i	28.9033-0.7635i	-42.7675+4.8953i	19.5082-1.2504i	-21.0314+2.8194i
11.3	0.3700-0.0360i	0.3476-0.0783i	0.3053-0.0471i	0.3035-0.0490i	29.7442-0.4965i	-43.6292+4.9650i	20.1059-1.1008i	-21.5087+2.8510i
11.4	0.3793-0.0401i	0.3516-0.0789i	0.3107-0.0488i	0.3092-0.0511i	30.7494-0.5188i	-44.5172+5.3016i	20.8675-1.1698i	-22.0287+3.0654i
11.5	0.3892-0.0443i	0.3577-0.0772i	0.3170-0.0500i	0.3158-0.0526i	31.7672-0.7064i	-45.4938+5.7757i	21.6391-1.3870i	-22.5840+3.3763i
11.6	0.3980-0.0495i	0.3606-0.0766i	0.3216-0.0522i	0.3202-0.0545i	32.6258-0.6285i	-45.9205+6.1976i	22.1534-1.4113i	-22.7814+3.6608i
11.7	0.4028-0.0555i	0.3690-0.0704i	0.3260-0.0526i	0.3255-0.0546i	34.0368-0.9107i	-46.5117+6.3923i	23.0996-1.6638i	-23.1117+3.8208i
11.8	0.4086-0.0576i	0.3836-0.0665i	0.3338-0.0521i	0.3336-0.0541i	35.0589-1.6324i	-47.4693+6.6731i	23.8517-2.2408i	-23.6421+4.0599i
11.9	0.4150-0.0598i	0.3972-0.0697i	0.3415-0.0542i	0.3412-0.0565i	35.1729-2.6751i	-47.8980+7.2024i	23.8764-3.0158i	-23.7956+4.4044i

12.0	0.4274-0.0614i	0.4134-0.0727i	0.3527-0.0555i	0.3528-0.0585i	35.8930-3.1088i	-49.0153+7.3491i	24.3760-3.2735i	-24.3528+4.4734i
12.1	0.4387-0.0640i	0.4283-0.0777i	0.3628-0.0584i	0.3630-0.0619i	36.2476-3.7608i	-49.8967+7.8624i	24.6114-3.8045i	-24.7912+4.8107i
12.2	0.4507-0.0685i	0.4404-0.0860i	0.3720-0.0637i	0.3720-0.0672i	36.3655-4.2993i	-50.4475+8.4054i	24.5917-4.1619i	-24.9744+5.1036i
12.3	0.4634-0.0733i	0.4528-0.0929i	0.3815-0.0679i	0.3813-0.0714i	36.5956-4.5397i	-51.0449+8.6757i	24.6761-4.3003i	-25.2235+5.2272i
12.4	0.4753-0.0791i	0.4677-0.0997i	0.3921-0.0722i	0.3916-0.0754i	37.2017-4.1057i	-51.9647+8.6789i	25.1060-4.0699i	-25.6796+5.2629i
12.5	0.4930-0.0911i	0.4846-0.1143i	0.4059-0.0820i	0.4061-0.0852i	38.3203-4.3053i	-53.5677+9.1643i	25.8706-4.1872i	-26.5048+5.4940i
12.6	0.5066-0.1013i	0.4989-0.1272i	0.4173-0.0901i	0.4173-0.0936i	39.0266-4.3509i	-54.8505+9.3795i	26.4184-4.1642i	-27.1838+5.5491i
12.7	0.5150-0.1072i	0.5074-0.1353i	0.4242-0.0947i	0.4245-0.0980i	39.5099-3.8831i	-55.8116+9.1067i	26.8331-3.8011i	-27.7122+5.3678i
12.8	0.5242-0.1193i	0.5120-0.1491i	0.4311-0.1041i	0.4311-0.1070i	40.4797-3.8627i	-57.2396+9.5117i	27.5999-3.8007i	-28.5097+5.5868i
12.9	0.5362-0.1287i	0.5215-0.1589i	0.4409-0.1110i	0.4417-0.1140i	42.5941-4.1704i	-59.4149+9.9071i	29.0578-3.9990i	-29.6509+5.7893i
13.0	0.5466-0.1369i	0.5246-0.1662i	0.4491-0.1177i	0.4492-0.1210i	44.2580-5.2093i	-61.3539+10.8783i	30.1888-4.6939i	-30.6420+6.2779i
13.1	0.5527-0.1344i	0.5283-0.1611i	0.4539-0.1153i	0.4538-0.1185i	44.5421-4.9976i	-62.2786+10.7100i	30.5010-4.5467i	-31.1906+6.1752i
13.2	0.5736-0.1351i	0.5459-0.1593i	0.4702-0.1156i	0.4710-0.1191i	46.0837-5.3837i	-64.8738+11.0439i	31.6980-4.8139i	-32.6361+6.3371i
13.3	0.5909-0.1304i	0.5666-0.1559i	0.4857-0.1126i	0.4871-0.1162i	47.1574-5.3459i	-66.7581+10.8530i	32.5334-4.7881i	-33.6594+6.2408i
13.4	0.6270-0.1398i	0.6013-0.1618i	0.5150-0.1204i	0.5166-0.1235i	49.3592-6.0196i	-70.5136+11.8944i	34.3095-5.2928i	-35.7132+6.7825i
13.5	0.6509-0.1505i	0.6247-0.1710i	0.5340-0.1290i	0.5361-0.1320i	50.4817-6.7183i	-72.9181+13.0627i	35.2265-5.8272i	-37.0904+7.4250i
13.6	0.6885-0.1640i	0.6613-0.1828i	0.5641-0.1397i	0.5666-0.1430i	52.8345-7.7461i	-76.8351+14.4888i	37.0682-6.5732i	-39.2509+8.2006i
13.7	0.7281-0.1815i	0.7033-0.1990i	0.5963-0.1540i	0.5993-0.1580i	55.3447-8.8734i	-80.8826+16.4319i	39.0197-7.5289i	-41.4666+9.2895i
13.8	0.7613-0.1906i	0.7371-0.2057i	0.6236-0.1605i	0.6271-0.1650i	56.5736-9.0475i	-84.0397+17.2560i	40.0675-7.7176i	-43.2546+9.7604i
13.9	0.8054-0.2038i	0.7812-0.2168i	0.6583-0.1709i	0.6635-0.1752i	58.5187-9.1590i	-88.2301+18.2206i	41.7421-7.8300i	-45.6299+10.3012i
14.0	0.8441-0.2490i	0.8207-0.2626i	0.6893-0.2077i	0.6951-0.2138i	59.9036-11.2798i	-91.9176+22.4833i	42.9768-9.4913i	-47.7362+12.6401i
14.1	0.8956-0.2909i	0.8705-0.3051i	0.7302-0.2405i	0.7363-0.2488i	62.3949-13.5010i	-97.0402+26.2323i	44.8875-11.1391i	-50.5951+14.6753i
14.2	0.9505-0.3346i	0.9247-0.3501i	0.7743-0.2761i	0.7816-0.2855i	65.7726-15.1780i	-102.7072+30.1834i	47.5384-12.6460i	-53.7063+16.8929i
14.3	0.9997-0.3840i	0.9769-0.4044i	0.8153-0.3181i	0.8219-0.3293i	67.7936-16.2537i	-107.6852+34.8163i	49.2083-13.8765i	-56.5422+19.6073i
14.4	1.0622-0.4530i	1.0404-0.4750i	0.8663-0.3729i	0.8727-0.3876i	70.6029-19.6673i	-114.0158+41.3650i	51.5358-16.6190i	-60.1541+23.3180i
14.5	1.1438-0.5604i	1.1192-0.5747i	0.9299-0.4557i	0.9373-0.4737i	74.3701-22.9426i	-122.0228+50.3494i	54.6205-19.4535i	-64.6531+28.3793i
14.6	1.1671-0.6643i	1.1451-0.6799i	0.9504-0.5370i	0.9565-0.5610i	75.9861-24.7228i	-125.2774+59.0006i	55.8920-21.3657i	-66.5105+33.3588i
14.7	1.1101-0.7922i	1.0848-0.8115i	0.9090-0.6394i	0.9049-0.6683i	76.1853-30.4607i	-122.1911+71.3553i	55.7371-26.0086i	-64.7172+40.3086i
14.8	1.0869-0.8363i	1.0628-0.8613i	0.8973-0.6780i	0.8832-0.7051i	78.9117-31.7941i	-122.2356+76.2104i	57.4731-27.3536i	-64.5285+43.1961i
14.9	1.1027-0.8501i	1.0706-0.8851i	0.9110-0.6976i	0.8901-0.7179i	81.4256-34.6229i	-125.3634+79.7822i	59.3161-29.4622i	-66.2470+45.1795i
15.0	1.2151-0.8544i	1.1604-0.8904i	0.9932-0.7053i	0.9730-0.7210i	87.0295-36.1098i	-136.5674+81.3248i	63.7813-30.5731i	-72.5757+46.0290i
15.1	1.4580-1.0030i	1.3851-1.0264i	1.1830-0.8285i	1.1629-0.8374i	98.2069-44.9113i	-160.3442+98.1229i	72.8053-37.7367i	-85.8816+55.4804i
15.2	1.6861-1.2625i	1.6279-1.2829i	1.3704-1.0433i	1.3542-1.0472i	105.3310-54.0333i	-182.4041+124.2026i	79.4466-45.9082i	-98.5904+70.4855i
15.3	1.7920-1.6111i	1.7320-1.6248i	1.4502-1.3245i	1.4384-1.3267i	105.2947-63.7562i	-191.1957+157.5035i	80.2426-55.0251i	-103.8940+89.7646i
15.4	1.8365-2.3329i	1.7672-2.3279i	1.4737-1.9031i	1.4700-1.9039i	102.2524-84.3794i	-193.8066+226.3098i	78.5718-74.3427i	-105.7514+129.4827i
15.5	1.4572-3.2045i	1.3688-3.1852i	1.1519-2.6001i	1.1518-2.6056i	95.2426-111.5293i	-157.5160+310.2458i	70.4786-99.1111i	-84.3213+177.7508i
15.6	0.6282-3.8659i	0.5432-3.8259i	0.4762-3.1141i	0.4784-3.1312i	76.7443-121.1490i	-79.0692+371.4230i	51.4178-110.9332i	-38.5786+214.0155i
15.7	-0.5273-3.7343i	-0.5891-3.6747i	-0.4444-2.9904i	-0.4490-3.0144i	52.4035-121.3795i	29.3925+359.6349i	26.0100-109.7110i	24.8496+206.9208i
15.8	-1.8093-2.8659i	-1.8426-2.7958i	-1.4560-2.2792i	-1.4742-2.3047i	34.9246-114.4010i	148.2209+280.2778i	3.7864-97.6292i	95.2239+159.4058i
15.9	-2.1350-2.2549i	-2.1595-2.1969i	-1.7075-1.7878i	-1.7324-1.8124i	45.1141-102.6810i	175.4650+223.0313i	7.5651-84.8643i	112.5363+125.8408i
16.0	-2.1579-1.7122i	-2.1730-1.6597i	-1.7164-1.3567i	-1.7453-1.3753i	52.7164-105.3251i	175.7281+174.7895i	12.3815-81.8807i	113.3071+96.4587i
16.1	-2.0250-1.2288i	-2.0397-1.1844i	-1.6049-0.9777i	-1.6359-0.9889i	60.9511-119.0578i	162.8435+133.8452i	18.6404-86.4919i	106.2472+70.4580i
16.2	-1.8288-0.9563i	-1.8441-0.9162i	-1.4443-0.7628i	-1.4757-0.7714i	69.6713-127.5749i	143.8850+110.9007i	25.9293-89.5410i	95.5692+55.8878i
16.3	-1.6548-0.7722i	-1.6727-0.7295i	-1.3060-0.6180i	-1.3370-0.6238i	63.8705-146.8249i	129.5204+97.3936i	23.6716-100.1067i	86.4096+46.0660i
16.4	-1.5048-0.5492i	-1.5186-0.5017i	-1.1860-0.4421i	-1.2171-0.4439i	41.1858-171.1490i	120.0894+81.1750i	10.5527-113.5570i	78.7168+34.1398i
16.5	-1.3735-0.4716i	-1.3807-0.4255i	-1.0805-0.3826i	-1.1121-0.3827i	18.1589-178.5669i	112.0412+75.2760i	-2.8623-117.5600i	71.8310+29.9175i
16.6	-1.2474-0.3434i	-1.2448-0.3008i	-0.9778-0.2847i	-1.0098-0.2769i	-17.9663-178.6195i	106.2603+63.8673i	-24.6451-116.4595i	65.1711+23.0542i
16.7	-1.1232-0.2686i	-1.1165-0.2320i	-0.8821-0.2287i	-0.9079-0.2150i	-41.4706-167.0457i	99.2051+55.3435i	-38.3956-108.4243i	58.8460+18.8925i
16.8	-1.0120-0.1823i	-0.9991-0.1508i	-0.7966-0.1586i	-0.8160-0.1443i	-67.6935-148.9469i	93.5285+43.7451i	-54.0338-96.1093i	53.0956+13.4307i
16.9	-0.9341-0.1421i	-0.9185-0.1125i	-0.7351-0.1238i	-0.7503-0.1121i	-82.0549-139.3122i	87.6801+38.1328i	-62.3159-89.6401i	48.2410+10.9150i
17.0	-0.8643-0.1741i	-0.8509-0.1479i	-0.6790-0.1492i	-0.6949-0.1397i	-87.2714-124.7260i	82.0890+39.5159i	-64.9879-80.8927i	44.4751+13.0773i
17.1	-0.8139-0.1604i	-0.7998-0.1398i	-0.6383-0.1376i	-0.6555-0.1286i	-89.0162-95.8444i	78.5659+34.2695i	-65.6833-62.4929i	42.2139+12.4489i
17.2	-0.7876-0.1121i	-0.7707-0.0958i	-0.6149-0.1003i	-0.6318-0.0879i	-87.5694-89.8868i	75.2199+27.7504i	-64.4436-58.2414i	40.2803+8.9815i
17.3	-0.7118-0.1066i	-0.6962-0.0944i	-0.5543-0.0982i	-0.5690-0.0847i	-85.8337-79.4483i	67.0951+26.0636i	-62.5605-51.6905i	35.4731+8.8721i
17.4	-0.6685-0.1036i	-0.6538-0.0923i	-0.5201-0.0958i	-0.5336-0.0818i	-83.0432-65.7594i	62.7705+24.3293i	-60.4045-43.0079i	33.1045+9.0251i
17.5	-0.6396-0.1036i	-0.6244-0.0961i	-0.4962-0.0981i	-0.5088-0.0821i	-82.6838-61.9102i	59.4341+24.3868i	-59.9145-40.6873i	31.1125+9.4367i
17.6	-0.6067-0.1008i	-0.5939-0.0959i	-0.4712-0.0976i	-0.4808-0.0806i	-82.7436-54.4879i	56.3148+23.9472i	-59.7583-36.0483i	29.2464+9.8438i
17.7	-0.5825-0.1008i	-0.5716-0.0974i	-0.4535-0.0984i	-0.4599-0.0819i	-83.2266-47.7242i	54.1287+23.8572i	-59.9118-31.8465i	27.8867+10.4304i
17.8	-0.5688-0.1076i	-0.5577-0.1057i	-0.4437-0.1045i	-0.4477-0.0893i	-83.0010-43.4276i	52.9943+24.9045i	-59.6426-29.2725i	27.2243+11.4850i
17.9	-0.5539-0.1078i	-0.5438-0.1072i	-0.4334-0.1041i	-0.4361-0.0912i	-76.8756-35.1363i	51.9591+24.3077i	-55.7319-24.0491i	27.1610+11.8548i
18.0	-0.5422-0.1037i	-0.5331-0.1043i	-0.4253-0.0996i	-0.4272-0.0890i	-70.8730-29.0898i	51.1297+23.1498i	-51.9358-20.2116i	27.2115+11.6915i
18.1	-0.5296-0.0926i	-0.5223-0.0937i	-0.4162-0.0893i	-0.4175-0.0807i	-66.1293-24.2890i	50.0549+21.0995i	-48.8908-17.0321i	27.0099+10.8552i
18.2	-0.5224-0.0842i	-0.5167-0.0869i	-0.4111-0.0823i	-0.4118-0.0749i	-64.1736-21.8704i	49.3870+19.8564i	-47.6214-15.4063i	26.7985+10.3260i

18.3	-0.5150-0.0774i	-0.5103-0.0812i	-0.4051-0.0759i	-0.4063-0.0702i	-62.8085-20.4433i	48.7104+18.7100i	-46.7278-14.3776i	26.5396+9.7625i
18.4	-0.5036-0.0659i	-0.4999-0.0699i	-0.3960-0.0653i	-0.3973-0.0614i	-61.0264-18.0129i	47.3967+16.9777i	-45.4944-12.6839i	25.9103+8.9060i
18.5	-0.4831-0.0579i	-0.4817-0.0625i	-0.3774-0.0574i	-0.3821-0.0572i	-56.1173-14.5907i	44.3329+15.8047i	-42.1389-10.4788i	24.4723+8.4962i
18.6	-0.4725-0.0529i	-0.4710-0.0594i	-0.3654-0.0564i	-0.3757-0.0545i	-52.5386-12.6603i	42.6888+16.3410i	-39.7743-9.3431i	23.7978+9.0301i
18.7	-0.4623-0.0469i	-0.4621-0.0549i	-0.3586-0.0553i	-0.3697-0.0492i	-48.6712-11.9660i	42.5927+16.6706i	-37.3610-8.9474i	24.1133+9.3211i
18.8	-0.4533-0.0407i	-0.4557-0.0499i	-0.3545-0.0513i	-0.3641-0.0426i	-46.2419-12.3906i	42.8977+15.7074i	-35.8759-9.1231i	24.5570+8.6980i
18.9	-0.4450-0.0331i	-0.4498-0.0422i	-0.3495-0.0452i	-0.3583-0.0351i	-44.8993-12.3666i	42.6535+14.3839i	-35.0198-8.9959i	24.5623+7.8797i
19.0	-0.4333-0.0237i	-0.4394-0.0318i	-0.3413-0.0369i	-0.3489-0.0258i	-42.8974-11.4929i	41.8772+12.5818i	-33.6927-8.2713i	24.2932+6.8377i
19.1	-0.4212-0.0164i	-0.4282-0.0244i	-0.3323-0.0306i	-0.3383-0.0191i	-41.3121-10.8065i	40.5818+11.0741i	-32.5814-7.6842i	23.6493+5.9576i
19.2	-0.4111-0.0126i	-0.4202-0.0209i	-0.3252-0.0272i	-0.3296-0.0156i	-40.4921-10.7343i	39.3032+10.1891i	-31.9311-7.5712i	22.9407+5.4247i
19.3	-0.4005-0.0088i	-0.4121-0.0158i	-0.3174-0.0231i	-0.3211-0.0116i	-39.3384-10.2902i	37.9062+9.2581i	-31.0896-7.2050i	22.1947+4.8772i
19.4	-0.3907-0.0067i	-0.4036-0.0116i	-0.3097-0.0202i	-0.3130-0.0089i	-38.1187-9.8591i	36.6793+8.6445i	-30.2194-6.8868i	21.5723+4.5377i
19.5	-0.3779+0.0003i	-0.3901-0.0031i	-0.2992-0.0138i	-0.3014-0.0026i	-36.0077-8.6507i	35.0049+7.6132i	-28.7113-6.0488i	20.7360+4.0107i
19.6	-0.3712+0.0018i	-0.3850-0.0023i	-0.2940-0.0125i	-0.2957-0.0019i	-35.1799-8.4137i	33.9756+7.2789i	-28.1176-5.8812i	20.1861+3.8203i
19.7	-0.3649+0.0025i	-0.3801-0.0001i	-0.2890-0.0112i	-0.2903-0.0009i	-34.4539-8.0152i	32.9827+6.9302i	-27.5883-5.5948i	19.6515+3.6255i
19.8	-0.3606+0.0045i	-0.3771+0.0034i	-0.2852-0.0089i	-0.2863+0.0012i	-33.7334-7.8420i	32.0550+6.5067i	-27.0624-5.4681i	19.1412+3.3852i
19.9	-0.3538+0.0082i	-0.3713+0.0076i	-0.2794-0.0056i	-0.2802+0.0047i	-32.5053-7.5009i	30.8820+5.9649i	-26.1770-5.1957i	18.5276+3.0826i
20.0	-0.3482+0.0112i	-0.3672+0.0118i	-0.2746-0.0027i	-0.2750+0.0072i	-31.3800-7.2552i	29.6905+5.5932i	-25.3616-5.0539i	17.9041+2.8943i
20.1	-0.3416+0.0144i	-0.3614+0.0162i	-0.2690-0.0002i	-0.2689+0.0099i	-30.1323-6.8558i	28.4861+5.2674i	-24.4678-4.7724i	17.2882+2.7227i
20.2	-0.3394+0.0189i	-0.3606+0.0227i	-0.2673+0.0033i	-0.2661+0.0131i	-29.8798-6.7411i	27.6425+5.3666i	-24.2574-4.7228i	16.8018+2.8009i
20.3	-0.3362+0.0241i	-0.3587+0.0309i	-0.2646+0.0076i	-0.2629+0.0172i	-29.3439-6.2480i	26.8692+5.2453i	-23.8536-4.3979i	16.3794+2.7601i
20.4	-0.3317+0.0320i	-0.3544+0.0420i	-0.2605+0.0140i	-0.2583+0.0227i	-28.4628-5.8082i	25.8830+5.1033i	-23.1991-4.1228i	15.8539+2.7141i
20.5	-0.3301+0.0392i	-0.3526+0.0515i	-0.2586+0.0199i	-0.2561+0.0277i	-27.7142-5.6016i	25.1756+5.1095i	-22.6679-4.0171i	15.4717+2.7634i
20.6	-0.3256+0.0524i	-0.3475+0.0693i	-0.2547+0.0305i	-0.2515+0.0375i	-27.0741-5.0390i	24.3575+5.0394i	-22.1778-3.6654i	15.0251+2.7955i
20.7	-0.3159+0.0601i	-0.3358+0.0805i	-0.2466+0.0365i	-0.2438+0.0427i	-26.4996-4.9137i	23.6979+5.2037i	-21.7658-3.5928i	14.7014+2.9165i
20.8	-0.3080+0.0675i	-0.3257+0.0905i	-0.2404+0.0421i	-0.2372+0.0476i	-25.9972-4.8935i	23.2441+5.3886i	-21.4247-3.6312i	14.4764+3.0498i
20.9	-0.2962+0.0728i	-0.3109+0.0981i	-0.2311+0.0464i	-0.2281+0.0514i	-25.3009-4.6980i	22.8935+5.4260i	-20.9912-3.5356i	14.3404+3.1060i
21.0	-0.2853+0.0819i	-0.2962+0.1101i	-0.2224+0.0533i	-0.2195+0.0579i	-24.8446-4.3951i	22.5237+5.3931i	-20.6736-3.3794i	14.1806+3.1243i
21.1	-0.2741+0.0847i	-0.2800+0.1128i	-0.2128+0.0554i	-0.2103+0.0595i	-24.2279-4.1753i	22.1790+5.2401i	-20.2376-3.2126i	14.0458+3.0486i
21.2	-0.2634+0.0837i	-0.2649+0.1111i	-0.2040+0.0544i	-0.2015+0.0588i	-23.6247-4.1531i	21.6869+5.2094i	-19.8275-3.2062i	13.8133+3.0289i
21.3	-0.2510+0.0813i	-0.2479+0.1072i	-0.1939+0.0527i	-0.1912+0.0567i	-22.9981-4.1991i	21.2671+5.1498i	-19.3777-3.2682i	13.6223+2.9904i
21.4	-0.2415+0.0826i	-0.2343+0.1080i	-0.1861+0.0540i	-0.1835+0.0578i	-22.6885-3.8083i	21.0723+4.8907i	-19.1861-2.9662i	13.5490+2.8605i
21.5	-0.2361+0.0828i	-0.2263+0.1051i	-0.1811+0.0540i	-0.1786+0.0571i	-22.4389-3.3559i	20.7301+4.5815i	-19.0504-2.6311i	13.4005+2.6977i
21.6	-0.2340+0.0803i	-0.2232+0.0988i	-0.1786+0.0515i	-0.1760+0.0544i	-21.8796-3.2372i	20.1294+4.3427i	-18.6470-2.5728i	13.0814+2.5548i
21.7	-0.2309+0.0807i	-0.2196+0.0970i	-0.1757+0.0514i	-0.1732+0.0537i	-21.3614-3.0870i	19.5714+4.2919i	-18.2735-2.5045i	12.7735+2.5400i
21.8	-0.2282+0.0829i	-0.2159+0.0978i	-0.1727+0.0524i	-0.1703+0.0543i	-20.9119-3.0035i	19.1552+4.3157i	-17.9743-2.4720i	12.5700+2.5598i
21.9	-0.2273+0.0862i	-0.2146+0.0985i	-0.1711+0.0538i	-0.1691+0.0554i	-20.4537-2.7447i	18.6634+4.2176i	-17.6682-2.2938i	12.3174+2.5092i
22.0	-0.2274+0.0958i	-0.2135+0.1055i	-0.1704+0.0596i	-0.1684+0.0611i	-20.2271-2.4064i	18.3498+4.1691i	-17.5474-2.0796i	12.1376+2.5264i
22.1	-0.2230+0.1059i	-0.2098+0.1139i	-0.1669+0.0657i	-0.1653+0.0666i	-19.9858-2.1096i	18.0223+4.2379i	-17.3779-1.8924i	11.9775+2.6027i
22.2	-0.2197+0.1117i	-0.2072+0.1169i	-0.1639+0.0683i	-0.1627+0.0688i	-19.2105-2.0556i	17.3647+4.2844i	-16.8015-1.8529i	11.6399+2.6323i
22.3	-0.2131+0.1200i	-0.2007+0.1236i	-0.1594+0.0732i	-0.1585+0.0737i	-18.7899-1.8633i	17.1088+4.3453i	-16.5206-1.7607i	11.5142+2.7022i
22.4	-0.1987+0.1384i	-0.1880+0.1397i	-0.1502+0.0843i	-0.1496+0.0840i	-18.3780-1.6322i	16.9142+4.5135i	-16.2674-1.6211i	11.4707+2.8524i
22.5	-0.1884+0.1494i	-0.1779+0.1488i	-0.1432+0.0906i	-0.1428+0.0902i	-18.1379-1.5707i	16.7878+4.6501i	-16.0935-1.5934i	11.4348+2.9762i
22.6	-0.1744+0.1631i	-0.1649+0.1594i	-0.1344+0.0978i	-0.1342+0.0974i	-17.9721-1.6135i	16.7400+4.9649i	-15.9926-1.7028i	11.4472+3.1901i
22.7	-0.1412+0.1745i	-0.1344+0.1698i	-0.1141+0.1049i	-0.1143+0.1042i	-17.3205-1.3726i	16.8267+4.9883i	-15.6537-1.5809i	11.6169+3.2401i
22.8	-0.1150+0.1716i	-0.1092+0.1680i	-0.0976+0.1041i	-0.0984+0.1029i	-16.8417-1.1568i	16.8217+4.7902i	-15.3414-1.4254i	11.6717+3.1283i
22.9	-0.0869+0.1579i	-0.0817+0.1546i	-0.0795+0.0964i	-0.0812+0.0954i	-16.5855-1.0820i	16.9614+4.4541i	-15.2185-1.3595i	11.8212+2.9269i
23.0	-0.0725+0.1394i	-0.0678+0.1358i	-0.0705+0.0844i	-0.0720+0.0840i	-16.4426-1.2764i	16.9779+4.2592i	-15.1211-1.4428i	11.8916+2.7542i
23.1	-0.0544+0.1208i	-0.0507+0.1178i	-0.0587+0.0733i	-0.0603+0.0730i	-15.8266-1.0447i	16.7418+3.7417i	-14.7074-1.2401i	11.8193+2.4034i
23.2	-0.0448+0.0995i	-0.0435+0.0975i	-0.0526+0.0602i	-0.0547+0.0600i	-15.6366-1.1614i	16.5731+3.5199i	-14.6450-1.3226i	11.7603+2.2442i
23.3	-0.0388+0.0799i	-0.0380+0.0774i	-0.0481+0.0477i	-0.0511+0.0479i	-15.2057-1.1518i	16.1957+3.2095i	-14.3413-1.2829i	11.5532+2.0136i
23.4	-0.0431+0.0659i	-0.0405+0.0621i	-0.0493+0.0384i	-0.0526+0.0393i	-14.6141-1.1588i	15.6493+2.9271i	-13.8995-1.2120i	11.2463+1.8073i
23.5	-0.0474+0.0520i	-0.0453+0.0476i	-0.0516+0.0296i	-0.0549+0.0310i	-14.3952-1.0815i	15.2659+2.6526i	-13.7572-1.1328i	11.0479+1.6165i
23.6	-0.0490+0.0417i	-0.0492+0.0364i	-0.0531+0.0231i	-0.0564+0.0237i	-14.4549-0.9924i	15.1985+2.5241i	-13.8698-1.0843i	11.0247+1.5395i
23.7	-0.0544+0.0357i	-0.0553+0.0301i	-0.0563+0.0196i	-0.0592+0.0203i	-13.9862-1.2564i	14.7254+2.6156i	-13.5181-1.2476i	10.7492+1.6001i
23.8	-0.0591+0.0315i	-0.0610+0.0265i	-0.0590+0.0171i	-0.0622+0.0182i	-13.7646-1.0407i	14.3939+2.4165i	-13.3181-1.0465i	10.5608+1.4586i
23.9	-0.0640+0.0289i	-0.0661+0.0235i	-0.0615+0.0154i	-0.0649+0.0165i	-13.5591-0.8828i	14.1023+2.3335i	-13.1874-0.9625i	10.4047+1.4150i
24.0	-0.0675+0.0278i	-0.0707+0.0216i	-0.0636+0.0146i	-0.0667+0.0160i	-13.3095-0.8714i	13.8270+2.3041i	-13.0443-0.9882i	10.2543+1.4197i
24.1	-0.0712+0.0247i	-0.0746+0.0172i	-0.0651+0.0122i	-0.0687+0.0137i	-12.9550-0.9374i	13.4805+2.2535i	-12.8323-1.0191i	10.0739+1.3841i
24.2	-0.0740+0.0234i	-0.0783+0.0165i	-0.0671+0.0115i	-0.0703+0.0127i	-12.7918-1.0141i	13.2009+2.2768i	-12.6789-1.0847i	9.9115+1.3826i
24.3	-0.0734+0.0235i	-0.0797+0.0173i	-0.0665+0.0121i	-0.0697+0.0132i	-12.4785-0.7578i	12.9144+2.1424i	-12.4761-0.8988i	9.7744+1.3221i
24.4	-0.0742+0.0226i	-0.0815+0.0170i	-0.0669+0.0119i	-0.0705+0.0131i	-12.3555-0.7701i	12.7538+2.1479i	-12.4541-0.9070i	9.6942+1.3429i
24.5	-0.0745+0.0238i	-0.0831+0.0196i	-0.0668+0.0133i	-0.0708+0.0149i	-12.0513-0.5554i	12.4929+2.0005i	-12.2288-0.7473i	9.5492+1.2657i

24.6	-0.0767+0.0224i	-0.0868+0.0179i	-0.0688+0.0119i	-0.0729+0.0136i	-12.1990-0.8214i	12.4070+2.2075i	-12.3169-0.9661i	9.5005+1.3776i
24.7	-0.0771+0.0230i	-0.0870+0.0185i	-0.0681+0.0123i	-0.0725+0.0136i	-12.0042-0.9379i	12.1451+2.2468i	-12.2139-1.0154i	9.3786+1.3911i
24.8	-0.0784+0.0239i	-0.0884+0.0207i	-0.0684+0.0135i	-0.0728+0.0149i	-11.6425-0.6963i	11.8408+2.0708i	-11.9570-0.8204i	9.2051+1.2894i
24.9	-0.0789+0.0234i	-0.0902+0.0212i	-0.0688+0.0131i	-0.0733+0.0148i	-11.4431-0.7907i	11.6296+2.1198i	-11.8093-0.9062i	9.0958+1.3129i
25.0	-0.0782+0.0231i	-0.0904+0.0222i	-0.0684+0.0134i	-0.0732+0.0155i	-11.3268-0.8597i	11.4364+2.1748i	-11.7171-0.9581i	8.9973+1.3481i
25.1	-0.0793+0.0242i	-0.0921+0.0241i	-0.0694+0.0148i	-0.0740+0.0171i	-11.3790-1.0466i	11.3613+2.2808i	-11.7806-1.0972i	8.9379+1.4320i
25.2	-0.0791+0.0267i	-0.0925+0.0283i	-0.0695+0.0168i	-0.0740+0.0193i	-11.1145-0.6910i	11.1157+2.1550i	-11.5984-0.8493i	8.8010+1.3779i
25.3	-0.0793+0.0295i	-0.0913+0.0328i	-0.0685+0.0195i	-0.0731+0.0225i	-10.8298-0.3097i	10.9202+1.9203i	-11.3873-0.5207i	8.7246+1.2675i
25.4	-0.0770+0.0292i	-0.0882+0.0323i	-0.0654+0.0191i	-0.0706+0.0225i	-10.3793-0.4321i	10.5411+1.9641i	-11.0560-0.6060i	8.5365+1.2785i
25.5	-0.0770+0.0296i	-0.0885+0.0335i	-0.0654+0.0194i	-0.0708+0.0227i	-10.3194-0.4873i	10.4188+2.0540i	-11.0416-0.6421i	8.4760+1.3207i
25.6	-0.0799+0.0313i	-0.0917+0.0370i	-0.0677+0.0210i	-0.0729+0.0248i	-10.6119-0.4920i	10.5277+2.1795i	-11.3324-0.6824i	8.5502+1.4216i
25.7	-0.0762+0.0338i	-0.0877+0.0401i	-0.0646+0.0229i	-0.0697+0.0272i	-10.2842-0.2784i	10.3677+2.0532i	-11.1487-0.4942i	8.4799+1.3570i
25.8	-0.0733+0.0324i	-0.0859+0.0404i	-0.0628+0.0220i	-0.0677+0.0270i	-9.9916-0.5446i	10.0532+2.2138i	-10.8973-0.6855i	8.3114+1.4460i
25.9	-0.0721+0.0327i	-0.0834+0.0411i	-0.0615+0.0223i	-0.0660+0.0273i	-9.8681-0.6935i	9.9512+2.3123i	-10.8182-0.8191i	8.2781+1.5289i
26.0	-0.0701+0.0341i	-0.0797+0.0431i	-0.0593+0.0235i	-0.0635+0.0286i	-9.7120-0.4818i	9.8328+2.2424i	-10.7216-0.6536i	8.2367+1.4853i
26.1	-0.0710+0.0345i	-0.0799+0.0444i	-0.0596+0.0239i	-0.0634+0.0291i	-9.6996-0.5176i	9.7401+2.3394i	-10.7322-0.6900i	8.1909+1.5447i
26.2	-0.0697+0.0366i	-0.0783+0.0471i	-0.0583+0.0256i	-0.0617+0.0309i	-9.5117-0.4644i	9.5733+2.3458i	-10.5649-0.6545i	8.0958+1.5530i
26.3	-0.0651+0.0409i	-0.0732+0.0498i	-0.0551+0.0284i	-0.0577+0.0337i	-9.3909-0.1925i	9.5509+2.2327i	-10.4871-0.4553i	8.1215+1.5186i
26.4	-0.0636+0.0439i	-0.0710+0.0531i	-0.0539+0.0311i	-0.0567+0.0355i	-9.3914-0.1428i	9.5404+2.3492i	-10.5222-0.4871i	8.1461+1.6338i
26.5	-0.0660+0.0433i	-0.0719+0.0531i	-0.0549+0.0301i	-0.0578+0.0349i	-9.3779-0.3751i	9.4743+2.4779i	-10.5460-0.6265i	8.1141+1.6867i
26.6	-0.0634+0.0437i	-0.0686+0.0537i	-0.0526+0.0307i	-0.0552+0.0353i	-9.1536-0.3381i	9.3605+2.4400i	-10.4331-0.5925i	8.0741+1.6649i
26.7	-0.0609+0.0448i	-0.0658+0.0544i	-0.0506+0.0316i	-0.0533+0.0360i	-9.0233-0.2700i	9.2992+2.4071i	-10.3837-0.5461i	8.0595+1.6497i
26.8	-0.0602+0.0479i	-0.0633+0.0569i	-0.0492+0.0337i	-0.0518+0.0378i	-8.8089-0.0943i	9.1695+2.3227i	-10.2367-0.3983i	8.0124+1.6025i
26.9	-0.0602+0.0492i	-0.0631+0.0571i	-0.0488+0.0340i	-0.0517+0.0380i	-8.7280-0.0701i	9.0382+2.3565i	-10.1439-0.3700i	7.9594+1.6060i
27.0	-0.0585+0.0537i	-0.0613+0.0616i	-0.0474+0.0371i	-0.0500+0.0409i	-8.6034+0.0550i	8.9374+2.4435i	-10.0400-0.3102i	7.9197+1.6844i
27.1	-0.0583+0.0579i	-0.0611+0.0662i	-0.0472+0.0399i	-0.0498+0.0439i	-8.4527-0.1504i	8.8588+2.6639i	-9.9945-0.4825i	7.8733+1.8601i
27.2	-0.0510+0.0651i	-0.0533+0.0726i	-0.0417+0.0449i	-0.0445+0.0485i	-8.3121+0.0014i	8.9229+2.6168i	-9.9428-0.3516i	7.9626+1.8565i
27.3	-0.0465+0.0701i	-0.0478+0.0769i	-0.0377+0.0479i	-0.0412+0.0516i	-8.3201-0.1095i	9.0032+2.7641i	-10.0037-0.4149i	8.0624+1.9574i
27.4	-0.0405+0.0744i	-0.0423+0.0816i	-0.0335+0.0509i	-0.0373+0.0548i	-8.2773-0.1039i	9.0462+2.8708i	-9.9751-0.4109i	8.1212+2.0269i
27.5	-0.0322+0.0775i	-0.0352+0.0834i	-0.0285+0.0523i	-0.0316+0.0562i	-8.1216-0.1685i	9.0424+2.9953i	-9.8672-0.5118i	8.1468+2.1048i
27.6	-0.0177+0.0816i	-0.0204+0.0871i	-0.0181+0.0558i	-0.0211+0.0587i	-8.1045-0.0353i	9.4294+2.9448i	-9.9536-0.3962i	8.4804+2.1015i
27.7	-0.0108+0.0777i	-0.0127+0.0822i	-0.0129+0.0525i	-0.0164+0.0554i	-7.8591-0.2740i	9.3513+2.9972i	-9.7745-0.5751i	8.4641+2.1332i
27.8	0.0040+0.0706i	0.0011+0.0739i	-0.0031+0.0469i	-0.0069+0.0502i	-7.6793-0.1908i	9.4510+2.6570i	-9.6638-0.4710i	8.5890+1.8733i
27.9	0.0152+0.0661i	0.0116+0.0682i	0.0043+0.0433i	0.0006+0.0466i	-7.6302-0.1947i	9.6808+2.4555i	-9.7018-0.4430i	8.7881+1.7325i
28.0	0.0207+0.0565i	0.0174+0.0580i	0.0089+0.0365i	0.0048+0.0402i	-7.4610-0.2799i	9.6913+2.2388i	-9.6501-0.4964i	8.8337+1.5733i
28.1	0.0266+0.0469i	0.0233+0.0500i	0.0129+0.0310i	0.0089+0.0347i	-7.4460-0.1103i	9.7515+1.8732i	-9.6294-0.3133i	8.8993+1.3237i
28.2	0.0288+0.0406i	0.0248+0.0434i	0.0142+0.0270i	0.0101+0.0302i	-7.3682-0.0301i	9.6883+1.5912i	-9.5963-0.2045i	8.8824+1.1240i
28.3	0.0310+0.0320i	0.0264+0.0333i	0.0160+0.0204i	0.0118+0.0236i	-7.1277+0.0199i	9.5168+1.2749i	-9.4855-0.1430i	8.7996+0.9178i
28.4	0.0314+0.0281i	0.0265+0.0302i	0.0160+0.0183i	0.0122+0.0212i	-7.2803+0.0237i	9.5326+1.1874i	-9.5818-0.1625i	8.8267+0.8567i
28.5	0.0263+0.0209i	0.0212+0.0230i	0.0132+0.0133i	0.0086+0.0161i	-7.0840-0.1277i	9.0432+1.1269i	-9.3596-0.2163i	8.5147+0.7685i
28.6	0.0262+0.0183i	0.0213+0.0192i	0.0134+0.0108i	0.0084+0.0142i	-6.9378-0.0522i	8.9371+0.9721i	-9.2545-0.1465i	8.4687+0.6503i
28.7	0.0258+0.0149i	0.0207+0.0159i	0.0132+0.0085i	0.0077+0.0121i	-6.7875-0.0726i	8.7822+0.8677i	-9.1734-0.1497i	8.3798+0.5853i
28.8	0.0240+0.0104i	0.0186+0.0112i	0.0125+0.0057i	0.0066+0.0088i	-6.6385-0.0608i	8.5218+0.8047i	-9.1100-0.1710i	8.2537+0.5364i
28.9	0.0241+0.0078i	0.0177+0.0087i	0.0124+0.0038i	0.0069+0.0069i	-6.6250-0.0742i	8.3419+0.6940i	-9.0803-0.1286i	8.1776+0.4489i
29.0	0.0232+0.0057i	0.0161+0.0083i	0.0114+0.0026i	0.0060+0.0059i	-6.6751-0.1276i	8.2931+0.7202i	-9.1542-0.1821i	8.1806+0.4673i
29.1	0.0239+0.0039i	0.0156+0.0071i	0.0117+0.0017i	0.0060+0.0051i	-6.7120-0.0280i	8.3025+0.6458i	-9.2398-0.1085i	8.1844+0.4028i
29.2	0.0241+0.0021i	0.0153+0.0047i	0.0124+0.0001i	0.0063+0.0039i	-6.4766-0.1480i	7.9645+0.6126i	-9.0226-0.1491i	7.9756+0.3868i
29.3	0.0240+0.0010i	0.0151+0.0035i	0.0124-0.0005i	0.0062+0.0031i	-6.2521-0.0182i	7.7619+0.5438i	-8.8302-0.0929i	7.8741+0.3456i
29.4	0.0240+0.0001i	0.0142+0.0018i	0.0120-0.0010i	0.0059+0.0023i	-6.3455-0.0330i	7.8054+0.4858i	-8.9687-0.0634i	7.9392+0.2955i
29.5	0.0250-0.0017i	0.0155+0.0007i	0.0134-0.0022i	0.0068+0.0015i	-6.2480-0.0646i	7.6666+0.4559i	-8.9224-0.0583i	7.8705+0.2753i
29.6	0.0259-0.0041i	0.0167-0.0009i	0.0145-0.0040i	0.0071-0.0001i	-6.1575-0.0970i	7.4964+0.5105i	-8.8158-0.1206i	7.7758+0.2998i
29.7	0.0276-0.0053i	0.0171-0.0004i	0.0153-0.0039i	0.0080-0.0007i	-6.0947+0.0783i	7.4819+0.3398i	-8.8534+0.0356i	7.7956+0.1755i
29.8	0.0285-0.0050i	0.0157-0.0018i	0.0152-0.0044i	0.0080-0.0008i	-6.2992+0.0386i	7.6315+0.3401i	-9.0714+0.0380i	7.9085+0.1917i
29.9	0.0307-0.0072i	0.0179-0.0039i	0.0176-0.0062i	0.0095-0.0022i	-6.0899+0.1419i	7.3304+0.2902i	-8.8832+0.0645i	7.7600+0.1541i
30.0	0.0328-0.0084i	0.0209-0.0044i	0.0196-0.0067i	0.0113-0.0024i	-5.8572+0.1858i	7.0818+0.2174i	-8.6402+0.1320i	7.6006+0.0988i
30.1	0.0311-0.0098i	0.0213-0.0061i	0.0189-0.0082i	0.0108-0.0033i	-5.8026+0.1066i	7.0477+0.2813i	-8.6618+0.0941i	7.6001+0.1484i
30.2	0.0354-0.0112i	0.0233-0.0071i	0.0212-0.0092i	0.0125-0.0040i	-5.7552+0.3108i	7.0518+0.1185i	-8.7240+0.2684i	7.6561+0.0376i
30.3	0.0363-0.0132i	0.0237-0.0079i	0.0219-0.0099i	0.0131-0.0052i	-5.7944+0.2247i	6.9894+0.1231i	-8.7315+0.2305i	7.6585+0.0285i
30.4	0.0383-0.0147i	0.0252-0.0095i	0.0237-0.0107i	0.0152-0.0057i	-5.5661+0.2962i	6.8496-0.0078i	-8.6271+0.3143i	7.6118-0.0462i
30.5	0.0424-0.0156i	0.0263-0.0122i	0.0259-0.0127i	0.0167-0.0064i	-5.6498+0.2212i	6.8683+0.0256i	-8.7489+0.2750i	7.6694-0.0466i
30.6	0.0464-0.0176i	0.0284-0.0140i	0.0280-0.0142i	0.0180-0.0076i	-5.6554+0.1695i	6.7711+0.0743i	-8.6658+0.1919i	7.6139-0.0115i
30.7	0.0479-0.0261i	0.0298-0.0191i	0.0291-0.0188i	0.0193-0.0121i	-5.5011+0.1494i	6.6576+0.0343i	-8.6035+0.2062i	7.5740-0.0590i
30.8	0.0508-0.0301i	0.0324-0.0226i	0.0314-0.0210i	0.0216-0.0148i	-5.3735+0.2898i	6.6650-0.1896i	-8.6770+0.3611i	7.6555-0.2318i

30.9	0.0499-0.0318i	0.0336-0.0236i	0.0321-0.0219i	0.0217-0.0156i	-5.3393+0.5167i	6.6172-0.3458i	-8.6544+0.5372i	7.6660-0.3533i
31.0	0.0526-0.0355i	0.0347-0.0241i	0.0330-0.0237i	0.0230-0.0167i	-5.3964+0.2542i	6.6427-0.1736i	-8.7215+0.2782i	7.6876-0.2188i
31.1	0.0578-0.0389i	0.0361-0.0238i	0.0351-0.0248i	0.0255-0.0174i	-5.5389+0.2960i	6.7562-0.2173i	-8.8664+0.3139i	7.7875-0.2401i
31.2	0.0636-0.0448i	0.0412-0.0285i	0.0398-0.0290i	0.0289-0.0206i	-5.3205+0.2860i	6.5995-0.2982i	-8.7509+0.3460i	7.7710-0.3206i
31.3	0.0634-0.0537i	0.0427-0.0347i	0.0407-0.0333i	0.0291-0.0263i	-5.3611+0.3297i	6.5302-0.4672i	-8.8103+0.4151i	7.7806-0.4659i
31.4	0.0653-0.0622i	0.0460-0.0391i	0.0431-0.0375i	0.0308-0.0306i	-5.3849+0.3924i	6.5295-0.5605i	-8.9047+0.4285i	7.8421-0.5318i
31.5	0.0559-0.0704i	0.0427-0.0470i	0.0401-0.0436i	0.0271-0.0362i	-5.1759+0.2692i	6.3094-0.7004i	-8.8163+0.5003i	7.7689-0.6949i
31.6	0.0534-0.0759i	0.0409-0.0514i	0.0390-0.0475i	0.0255-0.0391i	-5.1389+0.1944i	6.1824-0.6664i	-8.7651+0.4513i	7.6821-0.7023i
31.7	0.0522-0.0859i	0.0417-0.0579i	0.0391-0.0538i	0.0255-0.0442i	-5.1494+0.1169i	6.1048-0.6542i	-8.7809+0.3855i	7.6267-0.7247i
31.8	0.0528-0.0957i	0.0461-0.0623i	0.0416-0.0581i	0.0266-0.0489i	-5.0694+0.4438i	6.0577-1.0456i	-8.8169+0.6730i	7.6550-0.9844i
31.9	0.0521-0.0943i	0.0448-0.0624i	0.0406-0.0574i	0.0257-0.0483i	-5.1965+0.5703i	6.1234-1.1523i	-8.9759+0.7897i	7.7368-1.0480i
32.0	0.0502-0.0966i	0.0458-0.0688i	0.0412-0.0612i	0.0253-0.0517i	-5.1254+0.5160i	5.9180-1.2491i	-8.9481+0.7602i	7.6762-1.1571i
32.1	0.0484-0.1075i	0.0468-0.0781i	0.0411-0.0689i	0.0248-0.0579i	-4.9228+0.4241i	5.7539-1.3516i	-8.9116+0.7729i	7.6517-1.2534i
32.2	0.0414-0.1167i	0.0443-0.0876i	0.0390-0.0761i	0.0221-0.0638i	-4.8235+0.3169i	5.4757-1.3968i	-8.8629+0.6631i	7.5294-1.3270i
32.3	0.0363-0.1194i	0.0418-0.0896i	0.0367-0.0779i	0.0194-0.0651i	-4.9755+0.3202i	5.5221-1.4868i	-9.0519+0.7181i	7.5529-1.3979i
32.4	0.0272-0.1245i	0.0405-0.0952i	0.0335-0.0814i	0.0157-0.0680i	-5.2164+0.4296i	5.6141-1.6219i	-9.3723+0.8424i	7.6819-1.5084i
32.5	0.0263-0.1289i	0.0389-0.1026i	0.0332-0.0864i	0.0140-0.0718i	-5.0952+0.5471i	5.3442-1.7305i	-9.3064+0.8635i	7.5245-1.6280i
32.6	0.0187-0.1302i	0.0348-0.1110i	0.0295-0.0905i	0.0097-0.0745i	-5.1719+0.6767i	5.1971-1.9531i	-9.4601+1.0662i	7.5047-1.8187i
32.7	0.0097-0.1398i	0.0328-0.1232i	0.0273-0.0991i	0.0062-0.0814i	-5.0859+0.4675i	4.9110-2.0431i	-9.5604+0.9836i	7.4244-1.9029i
32.8	0.0022-0.1449i	0.0273-0.1313i	0.0239-0.1042i	0.0015-0.0858i	-5.1001+0.5893i	4.6266-2.1293i	-9.5955+1.0843i	7.2673-2.0468i
32.9	-0.0120-0.1491i	0.0161-0.1434i	0.0162-0.1106i	-0.0070-0.0906i	-5.2033+0.6472i	4.4293-2.2864i	-9.8878+1.2848i	7.2423-2.2242i
33.0	-0.0230-0.1467i	0.0052-0.1498i	0.0099-0.1138i	-0.0156-0.0916i	-5.1806+0.7505i	3.9142-2.3317i	-9.8840+1.4446i	6.9375-2.3291i
33.1	-0.0291-0.1434i	-0.0055-0.1519i	0.0049-0.1149i	-0.0218-0.0899i	-5.0985+0.9178i	3.5583-2.3311i	-9.9262+1.6421i	6.7504-2.3750i
33.2	-0.0403-0.1327i	-0.0210-0.1588i	-0.0033-0.1167i	-0.0311-0.0876i	-5.2377+0.9545i	3.1556-2.1804i	-10.1618+1.7621i	6.5990-2.3588i
33.3	-0.0464-0.1287i	-0.0290-0.1600i	-0.0078-0.1173i	-0.0364-0.0852i	-5.2914+1.1599i	2.9700-2.1473i	-10.4038+1.9868i	6.5834-2.3831i
33.4	-0.0502-0.1276i	-0.0377-0.1639i	-0.0104-0.1202i	-0.0414-0.0833i	-5.1467+1.5236i	2.6224-2.2278i	-10.6162+2.4422i	6.5416-2.5170i
33.5	-0.0528-0.1228i	-0.0479-0.1679i	-0.0142-0.1242i	-0.0451-0.0795i	-5.0780+1.8124i	2.1581-1.9944i	-10.7972+2.9238i	6.4610-2.5137i
33.6	-0.0475-0.1171i	-0.0528-0.1682i	-0.0145-0.1252i	-0.0438-0.0757i	-4.9753+2.0032i	2.0042-1.7476i	-10.9076+3.2893i	6.5621-2.4498i
33.7	-0.0422-0.1182i	-0.0605-0.1815i	-0.0141-0.1353i	-0.0443-0.0778i	-4.8102+2.3113i	1.5340-1.6155i	-11.0359+3.9352i	6.5838-2.6775i
33.8	-0.0337-0.1239i	-0.0668-0.1944i	-0.0130-0.1469i	-0.0431-0.0807i	-4.4885+2.7399i	1.2490-1.5750i	-11.1339+4.7510i	6.6789-2.9848i
33.9	-0.0314-0.1472i	-0.0837-0.2244i	-0.0201-0.1731i	-0.0448-0.0954i	-4.2305+3.0326i	1.0603-1.6485i	-11.1683+5.9357i	6.8582-3.7395i
34.0	-0.0453-0.1787i	-0.1326-0.2630i	-0.0462-0.2072i	-0.0611-0.1137i	-3.5363+3.4587i	0.1951-1.5901i	-10.6382+7.2911i	6.4238-4.6307i
34.1	-0.0733-0.2071i	-0.2038-0.2830i	-0.0879-0.2324i	-0.0891-0.1258i	-2.7328+3.9218i	-0.6776-1.5249i	-9.9097+8.9548i	5.6852-5.6185i
34.2	-0.1287-0.2085i	-0.3022-0.2500i	-0.1560-0.2273i	-0.1319-0.1136i	-1.7718+3.9952i	-1.6302-0.4368i	-8.0993+10.4656i	4.2119-6.1150i
34.3	-0.1950-0.1706i	-0.3908-0.1402i	-0.2332-0.1742i	-0.1697-0.0663i	-0.3705+3.6936i	-1.8878+1.4095i	-4.7037+11.4792i	2.2605-5.9443i
34.4	-0.2222-0.1323i	-0.4098-0.0460i	-0.2634-0.1201i	-0.1771-0.0290i	0.6194+2.8690i	-1.5588+2.7855i	-2.0955+10.7152i	1.0360-5.0460i
34.5	-0.2337-0.0697i	-0.3723+0.0880i	-0.2660-0.0305i	-0.1621+0.0213i	0.7575+1.1381i	0.1736+4.0030i	0.3929+8.1929i	0.2606-3.3505i
34.6	-0.2293-0.0213i	-0.3173+0.1698i	-0.2469+0.0312i	-0.1428+0.0531i	0.4863-0.4432i	1.4794+4.6268i	1.2243+5.5012i	0.1470-1.8137i
34.7	-0.2100+0.0119i	-0.2512+0.2046i	-0.2126+0.0668i	-0.1188+0.0694i	-0.0443-0.9917i	2.3850+4.4670i	1.0540+3.5825i	0.4765-0.7673i
34.8	-0.1812+0.0370i	-0.1839+0.2133i	-0.1714+0.0854i	-0.0930+0.0774i	-0.7592-1.1282i	3.0321+4.0952i	0.3644+2.1831i	1.0400-0.0009i
34.9	-0.1512+0.0558i	-0.1194+0.2079i	-0.1303+0.0944i	-0.0672+0.0796i	-1.4257-1.2114i	3.5846+3.6191i	-0.5735+1.1983i	1.7167+0.4885i
35.0	-0.1288+0.0649i	-0.0800+0.1979i	-0.1036+0.0962i	-0.0499+0.0791i	-1.8082-1.2610i	3.9557+3.3276i	-1.2896+0.6750i	2.2449+0.7521i
35.1	-0.0987+0.0692i	-0.0397+0.1779i	-0.0742+0.0919i	-0.0293+0.0737i	-2.0918-1.2582i	4.2079+2.9471i	-1.9316+0.2235i	2.7358+0.8766i
35.2	-0.0752+0.0653i	-0.0126+0.1540i	-0.0528+0.0825i	-0.0151+0.0646i	-2.3916-1.2632i	4.4611+2.5811i	-2.5316-0.0660i	3.2197+0.8841i
35.3	-0.0570+0.0564i	0.0057+0.1265i	-0.0370+0.0692i	-0.0048+0.0539i	-2.4861-0.9441i	4.4710+2.0644i	-2.9323+0.0639i	3.5131+0.6918i
35.4	-0.0446+0.0453i	0.0112+0.1068i	-0.0281+0.0577i	-0.0007+0.0439i	-2.6834-0.9005i	4.4693+1.8179i	-3.4115+0.0043i	3.7605+0.6087i
35.5	-0.0310+0.0367i	0.0227+0.0837i	-0.0169+0.0465i	0.0060+0.0336i	-3.0115-0.7640i	4.6423+1.4259i	-3.9639-0.0437i	4.0774+0.4687i
35.6	-0.0218+0.0331i	0.0283+0.0723i	-0.0099+0.0401i	0.0097+0.0299i	-3.1627-0.6480i	4.6489+1.3146i	-4.2105-0.0525i	4.1969+0.5039i
35.7	-0.0167+0.0244i	0.0259+0.0588i	-0.0081+0.0323i	0.0098+0.0228i	-3.3373-0.4636i	4.7079+1.1122i	-4.6264+0.0396i	4.3896+0.3803i
35.8	-0.0142+0.0103i	0.0224+0.0404i	-0.0073+0.0205i	0.0090+0.0128i	-3.3106-0.5031i	4.5406+0.9212i	-4.8126-0.0937i	4.4765+0.3197i
35.9	-0.0119+0.0035i	0.0222+0.0317i	-0.0053+0.0148i	0.0094+0.0082i	-3.2041-0.2971i	4.3470+0.6094i	-4.8326+0.0645i	4.4401+0.1382i
36.0	-0.0103-0.0031i	0.0189+0.0245i	-0.0051+0.0098i	0.0089+0.0044i	-3.1725-0.2341i	4.2048+0.4085i	-4.8590+0.1359i	4.4017+0.0432i
36.1	-0.0110-0.0070i	0.0149+0.0192i	-0.0055+0.0058i	0.0067+0.0020i	-3.2478-0.1480i	4.0712+0.3568i	-5.0542+0.1237i	4.4079+0.0690i
36.2	-0.0078-0.0110i	0.0139+0.0164i	-0.0043+0.0032i	0.0068+0.0003i	-3.2477+0.0396i	3.9833+0.1463i	-5.1615+0.4075i	4.4398-0.0700i
36.3	-0.0084-0.0137i	0.0162+0.0156i	-0.0031+0.0019i	0.0072-0.0007i	-3.2663+0.0065i	3.9947+0.1367i	-5.2541+0.3780i	4.5012-0.0796i
36.4	-0.0066-0.0182i	0.0103+0.0140i	-0.0045-0.0015i	0.0061-0.0014i	-3.2543+0.0738i	3.8197+0.1779i	-5.2846+0.3172i	4.4559+0.0006i
36.5	-0.0063-0.0216i	0.0077+0.0131i	-0.0054-0.0036i	0.0056-0.0022i	-3.2747+0.2105i	3.7580+0.1457i	-5.3858+0.4130i	4.4686-0.0313i
36.6	-0.0044-0.0233i	0.0041+0.0096i	-0.0054-0.0059i	0.0044-0.0035i	-3.2315+0.3030i	3.6198+0.1362i	-5.4544+0.4935i	4.4330-0.0642i
36.7	-0.0045-0.0306i	0.0038+0.0098i	-0.0056-0.0087i	0.0047-0.0055i	-3.1351+0.4985i	3.5526-0.0316i	-5.5265+0.7247i	4.4893-0.1750i
36.8	-0.0058-0.0318i	0.0070+0.0096i	-0.0044-0.0095i	0.0059-0.0060i	-3.1071+0.4449i	3.4702+0.0066i	-5.5172+0.6571i	4.5087-0.1074i
36.9	-0.0052-0.0320i	0.0095+0.0087i	-0.0034-0.0099i	0.0079-0.0059i	-3.1334+0.5346i	3.5177-0.0259i	-5.5518+0.7087i	4.5576-0.1090i
37.0	-0.0072-0.0386i	0.0124+0.0095i	-0.0033-0.0125i	0.0088-0.0072i	-3.0659+0.6951i	3.4889-0.1947i	-5.5732+0.8707i	4.5790-0.1894i
37.1	-0.0083-0.0446i	0.0132+0.0085i	-0.0028-0.0144i	0.0090-0.0098i	-3.0094+0.8139i	3.4069-0.3305i	-5.6373+1.0182i	4.6158-0.2701i

37.2	-0.0108-0.0472i	0.0149+0.0089i	-0.0030-0.0150i	0.0088-0.0104i	-3.1826+0.8688i	3.4357-0.3021i	-5.8310+1.0791i	4.7101-0.2666i
37.3	-0.0159-0.0514i	0.0194+0.0095i	-0.0032-0.0171i	0.0090-0.0117i	-2.8829+0.8549i	3.2230-0.3035i	-5.6294+1.1025i	4.5957-0.2603i
37.4	-0.0209-0.0553i	0.0205+0.0103i	-0.0043-0.0182i	0.0083-0.0131i	-2.6302+0.8492i	3.0026-0.3310i	-5.4383+1.1667i	4.4689-0.2691i
37.5	-0.0257-0.0561i	0.0284+0.0110i	-0.0033-0.0182i	0.0099-0.0137i	-2.8375+0.9787i	3.1059-0.3958i	-5.5649+1.2128i	4.5715-0.2744i
37.6	-0.0266-0.0589i	0.0293+0.0079i	-0.0032-0.0201i	0.0104-0.0155i	-2.7618+1.0694i	3.0116-0.4987i	-5.5676+1.3212i	4.5978-0.3426i
37.7	-0.0316-0.0597i	0.0325+0.0038i	-0.0041-0.0220i	0.0105-0.0175i	-2.5748+0.9720i	3.0131-0.3978i	-5.5870+1.1529i	4.6610-0.2741i
37.8	-0.0374-0.0556i	0.0380-0.0030i	-0.0039-0.0224i	0.0110-0.0188i	-2.6185+1.0446i	3.0535-0.4403i	-5.7101+1.1384i	4.7268-0.2668i
37.9	-0.0448-0.0555i	0.0458-0.0090i	-0.0037-0.0246i	0.0112-0.0210i	-2.4448+1.2603i	2.8428-0.5562i	-5.4757+1.3078i	4.6016-0.3767i
38.0	-0.0500-0.0566i	0.0492-0.0127i	-0.0039-0.0264i	0.0111-0.0232i	-2.2710+1.2597i	2.8259-0.6461i	-5.4010+1.3859i	4.6074-0.4410i
38.1	-0.0494-0.0544i	0.0460-0.0193i	-0.0052-0.0280i	0.0103-0.0252i	-2.3121+1.3802i	2.8115-0.7223i	-5.4190+1.4118i	4.6133-0.4760i
38.2	-0.0535-0.0456i	0.0426-0.0316i	-0.0079-0.0296i	0.0078-0.0267i	-2.0043+1.4268i	2.5237-0.7837i	-5.1506+1.5662i	4.4605-0.5659i
38.3	-0.0564-0.0414i	0.0421-0.0335i	-0.0097-0.0284i	0.0062-0.0262i	-2.1249+1.3775i	2.5277-0.7777i	-5.1450+1.5374i	4.4579-0.5761i
38.4	-0.0568-0.0390i	0.0416-0.0356i	-0.0104-0.0284i	0.0057-0.0269i	-2.2535+1.1782i	2.5588-0.6940i	-5.2981+1.4350i	4.5383-0.4830i
38.5	-0.0566-0.0296i	0.0401-0.0429i	-0.0106-0.0279i	0.0050-0.0262i	-2.0839+1.2149i	2.5303-0.6617i	-5.2911+1.3409i	4.5767-0.4294i
38.6	-0.0614-0.0259i	0.0386-0.0462i	-0.0123-0.0270i	0.0028-0.0264i	-2.0056+1.3006i	2.3773-0.7375i	-5.2082+1.4942i	4.4766-0.5112i
38.7	-0.0542-0.0214i	0.0316-0.0486i	-0.0124-0.0255i	0.0024-0.0264i	-1.9031+1.1353i	2.2916-0.7106i	-5.1438+1.4327i	4.4353-0.5133i
38.8	-0.0511-0.0121i	0.0279-0.0537i	-0.0125-0.0240i	0.0019-0.0255i	-1.6402+1.0250i	2.2233-0.6650i	-5.1221+1.4351i	4.4482-0.4743i
38.9	-0.0515-0.0033i	0.0283-0.0578i	-0.0128-0.0227i	0.0022-0.0244i	-1.6652+1.2249i	2.1618-0.6740i	-5.0329+1.4713i	4.4636-0.4556i
39.0	-0.0496-0.0011i	0.0230-0.0583i	-0.0134-0.0222i	0.0006-0.0236i	-1.6508+1.0019i	1.9809-0.5476i	-4.8684+1.2587i	4.3371-0.4003i
39.1	-0.0463+0.0003i	0.0208-0.0591i	-0.0125-0.0212i	0.0010-0.0239i	-1.6122+1.1028i	1.9479-0.6553i	-4.8898+1.3582i	4.3408-0.4337i
39.2	-0.0397+0.0042i	0.0168-0.0579i	-0.0117-0.0189i	0.0011-0.0227i	-1.5405+1.1243i	1.9636-0.6058i	-4.8415+1.2845i	4.3494-0.3873i
39.3	-0.0378+0.0093i	0.0163-0.0592i	-0.0108-0.0186i	0.0013-0.0214i	-1.4912+1.0396i	1.9690-0.4784i	-4.8832+1.1814i	4.3995-0.3002i
39.4	-0.0334+0.0124i	0.0125-0.0600i	-0.0101-0.0179i	0.0013-0.0212i	-1.3376+1.0000i	1.8174-0.4489i	-4.7567+1.1395i	4.3381-0.2977i
39.5	-0.0265+0.0104i	0.0072-0.0598i	-0.0097-0.0186i	0.0010-0.0214i	-1.4153+1.0296i	1.8311-0.5177i	-4.8274+1.2187i	4.3666-0.3886i
39.6	-0.0197+0.0057i	0.0037-0.0603i	-0.0083-0.0198i	0.0020-0.0225i	-1.3823+1.0977i	1.7411-0.5873i	-4.7722+1.2679i	4.3647-0.4156i
39.7	-0.0156+0.0044i	0.0010-0.0606i	-0.0073-0.0200i	0.0019-0.0234i	-1.2966+1.1012i	1.7092-0.6149i	-4.7803+1.3355i	4.3724-0.4584i
39.8	-0.0143+0.0029i	0.0011-0.0568i	-0.0070-0.0194i	0.0016-0.0232i	-1.2988+0.9199i	1.7420-0.5564i	-4.8653+1.2438i	4.4331-0.4227i
39.9	-0.0103+0.0032i	-0.0008-0.0580i	-0.0062-0.0197i	0.0022-0.0230i	-1.1606+0.9935i	1.6636-0.6279i	-4.8239+1.3089i	4.4175-0.4802i
40.0	-0.0052+0.0026i	-0.0018-0.0560i	-0.0042-0.0195i	0.0041-0.0221i	-1.1342+1.0742i	1.6902-0.5959i	-4.8524+1.2018i	4.4364-0.4291i
40.1	-0.0036-0.0003i	-0.0001-0.0532i	-0.0029-0.0188i	0.0050-0.0220i	-1.0747+1.0057i	1.5991-0.5794i	-4.8032+1.1045i	4.4044-0.4138i
40.2	0.0022-0.0013i	0.0017-0.0510i	-0.0004-0.0192i	0.0065-0.0219i	-1.3916+0.8078i	1.7093-0.5812i	-5.0099+1.1295i	4.5225-0.4697i
40.3	0.0044-0.0003i	0.0020-0.0510i	0.0003-0.0194i	0.0074-0.0213i	-1.4704+1.0589i	1.7030-0.6341i	-5.0065+1.1841i	4.5391-0.4876i
40.4	0.0038-0.0027i	-0.0001-0.0504i	0.0002-0.0199i	0.0065-0.0216i	-1.3304+0.9110i	1.5823-0.5056i	-4.8988+1.0304i	4.4605-0.3876i
40.5	0.0075-0.0039i	-0.0022-0.0482i	0.0007-0.0191i	0.0067-0.0207i	-1.1760+0.6933i	1.4311-0.4112i	-4.7300+0.9045i	4.3700-0.3385i
40.6	0.0100-0.0058i	-0.0004-0.0491i	0.0018-0.0200i	0.0088-0.0216i	-1.2058+0.7402i	1.4009-0.5671i	-4.7527+1.0627i	4.3699-0.4577i
40.7	0.0132-0.0081i	0.0006-0.0484i	0.0039-0.0214i	0.0098-0.0216i	-1.4160+0.8009i	1.5233-0.5892i	-4.9369+1.1092i	4.4689-0.4946i
40.8	0.0156-0.0095i	0.0022-0.0480i	0.0051-0.0219i	0.0112-0.0223i	-1.3128+0.7046i	1.4827-0.6156i	-4.8791+1.1176i	4.4545-0.5368i
40.9	0.0174-0.0105i	0.0037-0.0497i	0.0058-0.0223i	0.0119-0.0233i	-1.0942+0.7814i	1.4263-0.6233i	-4.8476+1.0664i	4.4575-0.5305i
41.0	0.0199-0.0127i	0.0040-0.0493i	0.0075-0.0228i	0.0126-0.0234i	-1.2477+0.7550i	1.4008-0.5503i	-4.9274+0.9192i	4.4977-0.4681i
41.1	0.0226-0.0150i	-0.0003-0.0494i	0.0079-0.0231i	0.0128-0.0243i	-0.8934+0.6476i	1.2443-0.5658i	-4.7526+0.9420i	4.4271-0.4768i
41.2	0.0239-0.0198i	-0.0000-0.0524i	0.0085-0.0258i	0.0132-0.0264i	-0.9117+0.7907i	1.2281-0.5996i	-4.8504+0.9541i	4.4201-0.5158i
41.3	0.0238-0.0186i	-0.0008-0.0549i	0.0070-0.0265i	0.0124-0.0262i	-0.9912+0.7639i	1.3042-0.5528i	-5.0284+0.9036i	4.4866-0.4639i
41.4	0.0208-0.0174i	0.0040-0.0567i	0.0076-0.0270i	0.0135-0.0265i	-1.1585+0.7875i	1.3062-0.5695i	-5.0869+0.9051i	4.5045-0.4754i
41.5	0.0251-0.0191i	0.0021-0.0541i	0.0094-0.0274i	0.0143-0.0264i	-1.0475+0.7559i	1.1587-0.5077i	-4.8579+0.8077i	4.4157-0.4252i
41.6	0.0313-0.0252i	0.0018-0.0555i	0.0119-0.0305i	0.0164-0.0280i	-1.1480+0.6033i	1.1700-0.5201i	-4.9200+0.7947i	4.4424-0.4396i
41.7	0.0335-0.0289i	-0.0006-0.0533i	0.0122-0.0299i	0.0162-0.0282i	-0.9013+0.7161i	1.0568-0.5762i	-4.8151+0.9097i	4.3860-0.5148i
41.8	0.0358-0.0360i	0.0005-0.0543i	0.0129-0.0333i	0.0170-0.0311i	-1.0758+0.6354i	1.1185-0.5481i	-4.9772+0.8696i	4.4531-0.5428i
41.9	0.0366-0.0381i	0.0018-0.0506i	0.0131-0.0334i	0.0178-0.0299i	-1.1427+0.6600i	1.2425-0.5452i	-5.1591+0.8374i	4.5911-0.5099i
42.0	0.0375-0.0384i	0.0012-0.0493i	0.0131-0.0328i	0.0177-0.0293i	-0.9406+0.8473i	1.1540-0.5552i	-5.0934+0.8913i	4.5500-0.5148i
42.1	0.0386-0.0420i	0.0009-0.0522i	0.0139-0.0350i	0.0186-0.0319i	-0.9161+0.8242i	0.9612-0.6572i	-4.9609+0.9775i	4.4294-0.6061i
42.2	0.0369-0.0494i	0.0038-0.0552i	0.0142-0.0387i	0.0194-0.0354i	-1.1121+0.8365i	0.9693-0.7607i	-5.0220+1.0348i	4.4367-0.7120i
42.3	0.0311-0.0509i	0.0025-0.0543i	0.0119-0.0383i	0.0176-0.0354i	-1.0723+0.8049i	0.9956-0.6618i	-5.1447+0.9498i	4.4731-0.6381i
42.4	0.0297-0.0514i	0.0048-0.0543i	0.0117-0.0389i	0.0185-0.0349i	-1.0707+0.7868i	1.0001-0.5995i	-5.1675+0.8904i	4.4702-0.6044i
42.5	0.0281-0.0512i	-0.0011-0.0557i	0.0098-0.0395i	0.0158-0.0364i	-0.9888+0.8629i	0.8319-0.7106i	-5.0432+1.0316i	4.3964-0.6706i
42.6	0.0274-0.0506i	-0.0036-0.0547i	0.0091-0.0387i	0.0143-0.0360i	-0.9314+0.8642i	0.7612-0.7678i	-4.9532+1.1271i	4.3714-0.6945i
42.7	0.0304-0.0493i	-0.0010-0.0539i	0.0108-0.0381i	0.0164-0.0345i	-0.8591+0.5784i	0.6693-0.6083i	-4.8619+0.8726i	4.2958-0.5696i
42.8	0.0342-0.0530i	0.0029-0.0520i	0.0133-0.0386i	0.0192-0.0349i	-0.9152+0.7579i	0.7900-0.6756i	-5.0199+0.9753i	4.4308-0.6343i
42.9	0.0342-0.0620i	0.0034-0.0526i	0.0129-0.0412i	0.0197-0.0375i	-1.1580+0.7771i	0.8892-0.7471i	-5.2680+1.1018i	4.5476-0.7264i
43.0	0.0343-0.0675i	0.0070-0.0513i	0.0143-0.0430i	0.0208-0.0399i	-1.0375+0.7955i	0.8922-0.7118i	-5.3012+1.0329i	4.6097-0.6687i
43.1	0.0256-0.0741i	0.0096-0.0532i	0.0117-0.0458i	0.0192-0.0436i	-1.1451+0.8211i	0.9155-0.7211i	-5.4400+1.0415i	4.6435-0.6824i
43.2	0.0169-0.0666i	0.0094-0.0527i	0.0085-0.0434i	0.0162-0.0407i	-1.0577+0.7726i	0.7163-0.5353i	-5.3075+0.8435i	4.4720-0.5731i
43.3	0.0212-0.0608i	0.0102-0.0524i	0.0114-0.0407i	0.0177-0.0381i	-0.7851+0.8734i	0.5797-0.5984i	-5.1315+0.9769i	4.4027-0.6463i
43.4	0.0237-0.0591i	0.0135-0.0520i	0.0142-0.0397i	0.0196-0.0369i	-0.6813+0.9218i	0.5570-0.6503i	-5.0374+1.0093i	4.4282-0.6240i

43.5	0.0248-0.0591i	0.0151-0.0549i	0.0149-0.0406i	0.0205-0.0387i	-0.6703+0.8671i	0.5512-0.6675i	-5.1047+1.0095i	4.4544-0.6724i
43.6	0.0281-0.0645i	0.0206-0.0595i	0.0176-0.0441i	0.0241-0.0418i	-0.8805+0.8665i	0.6970-0.6238i	-5.3782+0.9460i	4.6017-0.6420i
43.7	0.0240-0.0641i	0.0187-0.0644i	0.0159-0.0448i	0.0218-0.0435i	-0.9290+0.9062i	0.6722-0.6890i	-5.3731+1.0569i	4.5743-0.7231i
43.8	0.0287-0.0623i	0.0187-0.0620i	0.0181-0.0433i	0.0226-0.0419i	-0.8307+0.9495i	0.5412-0.6421i	-5.2284+0.9700i	4.5125-0.6839i
43.9	0.0328-0.0695i	0.0203-0.0656i	0.0202-0.0468i	0.0250-0.0446i	-0.6955+1.1103i	0.5960-0.7575i	-5.3248+1.1116i	4.5956-0.7686i
44.0	0.0348-0.0707i	0.0197-0.0663i	0.0212-0.0482i	0.0257-0.0452i	-0.7040+0.8976i	0.5071-0.7988i	-5.2509+1.0689i	4.5400-0.8144i
44.1	0.0384-0.0721i	0.0229-0.0674i	0.0236-0.0492i	0.0284-0.0461i	-0.6798+0.9849i	0.5034-0.8080i	-5.2745+1.0676i	4.5858-0.8168i
44.2	0.0413-0.0812i	0.0285-0.0739i	0.0260-0.0540i	0.0312-0.0522i	-0.9146+0.7963i	0.6351-0.6942i	-5.5270+0.9447i	4.7343-0.7511i
44.3	0.0290-0.0972i	0.0294-0.0864i	0.0229-0.0640i	0.0260-0.0616i	-0.7745+0.7146i	0.4464-0.7702i	-5.4044+0.9292i	4.5933-0.8571i
44.4	0.0160-0.0930i	0.0199-0.0937i	0.0161-0.0653i	0.0186-0.0624i	-0.6348+0.8777i	0.3706-0.8471i	-5.4084+1.0212i	4.5251-0.9219i
44.5	0.0131-0.0776i	0.0093-0.0932i	0.0114-0.0597i	0.0151-0.0562i	-0.7059+0.9585i	0.3378-0.8242i	-5.5189+1.0517i	4.5134-0.8683i
44.6	0.0196-0.0732i	0.0083-0.0954i	0.0132-0.0598i	0.0168-0.0548i	-0.8045+0.9346i	0.3407-0.7904i	-5.5656+0.9747i	4.5495-0.8340i
44.7	0.0246-0.0722i	-0.0006-0.0908i	0.0123-0.0579i	0.0149-0.0524i	-0.7393+0.9377i	0.3591-0.7296i	-5.6481+0.9674i	4.6037-0.8039i
44.8	0.0255-0.0726i	-0.0030-0.0822i	0.0126-0.0552i	0.0144-0.0501i	-0.5895+0.9827i	0.3116-0.8323i	-5.5876+1.1899i	4.5945-0.8986i
44.9	0.0335-0.0706i	0.0018-0.0742i	0.0173-0.0529i	0.0189-0.0471i	-0.6506+0.9290i	0.2793-0.7573i	-5.5684+1.0783i	4.5702-0.8316i
45.0	0.0424-0.0810i	0.0090-0.0790i	0.0228-0.0581i	0.0246-0.0519i	-0.5915+0.9164i	0.3476-0.6879i	-5.7390+0.9356i	4.6669-0.7887i
45.1	0.0358-0.0936i	0.0115-0.0874i	0.0220-0.0651i	0.0240-0.0586i	-0.6668+1.2127i	0.3758-0.8444i	-5.8629+1.1210i	4.7458-0.8952i
45.2	0.0285-0.0974i	0.0135-0.0921i	0.0202-0.0689i	0.0230-0.0611i	-0.8493+1.1625i	0.3692-0.7734i	-5.9873+1.0024i	4.7627-0.8822i
45.3	0.0243-0.0980i	0.0078-0.0987i	0.0161-0.0714i	0.0186-0.0636i	-0.8045+1.0498i	0.2414-0.7464i	-5.9040+0.9888i	4.6721-0.8921i
45.4	0.0274-0.0862i	-0.0014-0.0928i	0.0135-0.0663i	0.0168-0.0571i	-0.9189+0.9563i	0.1180-0.6984i	-5.8375+0.9580i	4.6049-0.8277i
45.5	0.0330-0.0906i	0.0022-0.0938i	0.0175-0.0692i	0.0204-0.0588i	-0.6856+0.9872i	0.0570-0.7482i	-5.7389+0.9660i	4.5577-0.8828i
45.6	0.0319-0.0866i	-0.0048-0.0908i	0.0152-0.0670i	0.0181-0.0563i	-0.4136+0.9968i	-0.0183-0.7872i	-5.6835+1.0760i	4.5363-0.8937i
45.7	0.0431-0.0911i	0.0002-0.0843i	0.0207-0.0660i	0.0239-0.0557i	-0.3985+1.0889i	0.0918-0.7716i	-5.8708+1.1840i	4.6407-0.9332i
45.8	0.0433-0.1101i	0.0053-0.0932i	0.0224-0.0762i	0.0253-0.0641i	-0.5041+1.1720i	0.0607-0.8665i	-5.8981+1.2445i	4.6354-1.0331i
45.9	0.0291-0.1252i	0.0045-0.1044i	0.0172-0.0860i	0.0215-0.0722i	-0.5581+1.1598i	0.0612-0.8910i	-6.0388+1.2239i	4.6871-1.0578i
46.0	0.0173-0.1201i	-0.0013-0.1036i	0.0101-0.0842i	0.0160-0.0705i	-0.5162+1.2580i	-0.0837-0.9285i	-5.8694+1.3045i	4.5310-1.1137i
46.1	0.0132-0.1158i	-0.0064-0.1103i	0.0064-0.0858i	0.0124-0.0718i	-0.3460+1.2455i	-0.1591-0.9739i	-5.8325+1.3206i	4.4624-1.1685i
46.2	0.0179-0.1029i	-0.0223-0.1049i	0.0022-0.0784i	0.0099-0.0651i	-0.4480+1.0649i	-0.2244-0.9178i	-5.9638+1.2846i	4.4755-1.0712i
46.3	0.0412-0.1155i	-0.0130-0.0994i	0.0134-0.0818i	0.0200-0.0674i	-0.5237+1.3627i	-0.1595-0.9362i	-6.0026+1.3765i	4.5947-1.0896i
46.4	0.0299-0.1471i	-0.0140-0.1119i	0.0078-0.0984i	0.0147-0.0815i	-0.4955+1.2809i	-0.1958-1.0393i	-5.9983+1.4109i	4.5798-1.2495i
46.5	-0.0051-0.1421i	-0.0350-0.1073i	-0.0125-0.0962i	-0.0019-0.0785i	-0.4444+1.1902i	-0.3069-0.9646i	-6.1797+1.3243i	4.4449-1.1813i
46.6	-0.0160-0.1179i	-0.0392-0.0902i	-0.0178-0.0821i	-0.0048-0.0655i	-0.3658+1.2501i	-0.3996-0.9195i	-6.1484+1.4748i	4.3215-1.1204i
46.7	-0.0094-0.0971i	-0.0355-0.0782i	-0.0140-0.0707i	-0.0008-0.0560i	-0.3036+1.3479i	-0.4452-0.9034i	-6.0440+1.5898i	4.3681-1.0804i
46.8	0.0061-0.0952i	-0.0266-0.0761i	-0.0053-0.0674i	0.0077-0.0538i	-0.3106+1.2746i	-0.4172-0.7735i	-6.0416+1.4420i	4.4565-0.9409i
46.9	0.0191-0.1090i	-0.0151-0.0820i	0.0013-0.0730i	0.0145-0.0588i	-0.3752+1.2015i	-0.3304-0.8691i	-6.2089+1.5332i	4.5677-1.0561i
47.0	0.0058-0.1117i	-0.0228-0.0824i	-0.0056-0.0759i	0.0086-0.0607i	-0.3908+1.2934i	-0.3916-0.9650i	-6.2628+1.6655i	4.4838-1.1469i
47.1	-0.0031-0.1001i	-0.0295-0.0709i	-0.0127-0.0675i	0.0038-0.0523i	-0.2002+1.2768i	-0.5149-0.8518i	-6.2201+1.6276i	4.3828-1.0583i
47.2	0.0094-0.0862i	-0.0186-0.0627i	-0.0048-0.0595i	0.0133-0.0457i	-0.2375+1.2930i	-0.5152-0.6635i	-6.2668+1.5007i	4.4865-0.8647i
47.3	0.0236-0.0927i	-0.0095-0.0670i	0.0045-0.0638i	0.0220-0.0507i	-0.2692+1.3484i	-0.4543-0.7932i	-6.3168+1.6606i	4.5742-0.9046i
47.4	0.0317-0.1068i	-0.0021-0.0764i	0.0099-0.0718i	0.0267-0.0587i	-0.2930+1.6285i	-0.3604-0.9712i	-6.4095+1.8788i	4.7206-1.0724i
47.5	0.0330-0.1242i	-0.0027-0.0831i	0.0094-0.0797i	0.0279-0.0660i	-0.1026+1.6441i	-0.4102-0.9542i	-6.3389+1.8514i	4.7146-1.1508i
47.6	0.0227-0.1401i	-0.0068-0.0864i	0.0037-0.0859i	0.0228-0.0718i	0.0590+1.5378i	-0.5872-0.9546i	-6.1315+1.7506i	4.5138-1.1600i
47.7	0.0048-0.1402i	-0.0122-0.0871i	-0.0043-0.0855i	0.0157-0.0724i	-0.0635+1.4941i	-0.6559-0.9416i	-6.2066+1.7039i	4.4616-1.1399i
47.8	-0.0045-0.1261i	-0.0185-0.0817i	-0.0102-0.0775i	0.0116-0.0673i	0.0609+1.4382i	-0.6992-0.8927i	-6.3421+1.6948i	4.4831-1.1069i
47.9	-0.0015-0.1101i	-0.0143-0.0698i	-0.0048-0.0689i	0.0160-0.0595i	0.1119+1.6003i	-0.6983-0.9667i	-6.4066+1.9189i	4.5301-1.1313i
48.0	-0.0028-0.1169i	-0.0071-0.0748i	-0.0021-0.0726i	0.0188-0.0626i	0.0457+1.6119i	-0.6807-0.9198i	-6.4791+1.9313i	4.5668-1.1107i
48.1	0.0054-0.1071i	-0.0019-0.0740i	-0.0009-0.0690i	0.0205-0.0593i	0.0458+1.5620i	-0.6200-0.8914i	-6.6364+1.9445i	4.6662-1.0682i
48.2	0.0145-0.1156i	0.0040-0.0802i	0.0043-0.0740i	0.0250-0.0646i	0.0200+1.5664i	-0.6420-0.8971i	-6.6770+1.9079i	4.7034-1.1196i
48.3	0.0111-0.1178i	0.0015-0.0851i	0.0019-0.0759i	0.0231-0.0678i	0.1938+1.5154i	-0.7596-0.8882i	-6.5941+1.8817i	4.6128-1.1298i
48.4	0.0095-0.1136i	0.0008-0.0834i	0.0014-0.0737i	0.0233-0.0660i	0.0983+1.6595i	-0.7998-0.8105i	-6.6730+1.7480i	4.6606-1.0135i
48.5	0.0161-0.1149i	0.0061-0.0807i	0.0058-0.0728i	0.0274-0.0655i	0.2899+1.7263i	-0.7808-0.8319i	-6.7167+1.8316i	4.6920-1.0087i
48.6	0.0150-0.1221i	0.0093-0.0846i	0.0069-0.0762i	0.0287-0.0705i	0.3451+1.5578i	-0.7872-0.9866i	-6.7430+2.1571i	4.7441-1.1814i
48.7	0.0130-0.1298i	0.0092-0.0958i	0.0056-0.0829i	0.0282-0.0764i	0.2887+1.5399i	-0.7688-0.9725i	-6.8420+2.1075i	4.7789-1.2207i
48.8	0.0033-0.1324i	-0.0011-0.0986i	-0.0027-0.0850i	0.0230-0.0789i	0.1661+1.7029i	-0.7327-0.9235i	-7.0773+2.0918i	4.7986-1.2272i
48.9	-0.0026-0.1204i	-0.0078-0.0924i	-0.0062-0.0779i	0.0184-0.0732i	0.0736+1.7138i	-0.8951-0.8343i	-7.0019+1.9626i	4.6805-1.0888i
49.0	0.0035-0.1015i	-0.0031-0.0782i	-0.0014-0.0669i	0.0214-0.0639i	0.2180+1.5460i	-1.0467-0.7962i	-6.8918+2.0267i	4.5579-0.9666i
49.1	0.0173-0.0980i	0.0040-0.0770i	0.0042-0.0653i	0.0264-0.0638i	-0.0075+1.5916i	-0.9114-0.7723i	-7.2541+2.0815i	4.7577-0.9560i
49.2	0.0268-0.1000i	0.0079-0.0771i	0.0105-0.0652i	0.0323-0.0642i	0.0988+1.6550i	-0.9177-0.8825i	-7.2346+2.3257i	4.8061-1.0860i
49.3	0.0453-0.1130i	0.0232-0.0826i	0.0226-0.0703i	0.0436-0.0684i	-0.1103+1.8144i	-0.7978-1.0048i	-7.4181+2.6523i	4.9466-1.1991i
49.4	0.0412-0.1346i	0.0241-0.0953i	0.0202-0.0818i	0.0428-0.0804i	-0.0002+1.9384i	-0.8417-1.0805i	-7.4526+2.7852i	4.9295-1.3431i
49.5	0.0287-0.1321i	0.0166-0.1009i	0.0145-0.0832i	0.0374-0.0821i	0.1628+1.8002i	-0.9885-1.0022i	-7.3881+2.6753i	4.8278-1.2894i
49.6	0.0359-0.1239i	0.0131-0.0982i	0.0160-0.0808i	0.0387-0.0800i	0.2666+1.6779i	-1.0851-0.9469i	-7.3666+2.5652i	4.7669-1.2180i
49.7	0.0545-0.1318i	0.0225-0.0985i	0.0211-0.0810i	0.0436-0.0809i	0.0162+1.5774i	-0.9056-0.9282i	-7.7956+2.6430i	4.9728-1.2300i

49.8	0.0684-0.1737i	0.0375-0.1224i	0.0309-0.0930i	0.0552-0.0909i	-0.1597+1.8146i	-0.7889-0.9536i	-8.1385+2.7511i	5.1646-1.2680i
49.9	0.0412-0.1732i	0.0200-0.1218i	0.0207-0.0980i	0.0447-0.0986i	-0.0837+2.0591i	-0.9869-1.0282i	-8.0058+2.9274i	4.9767-1.4092i
50.0	0.0470-0.1490i	0.0238-0.1051i	0.0202-0.0905i	0.0425-0.0925i	0.1312+1.9267i	-1.0981-1.0737i	-7.8527+3.1298i	4.8661-1.4240i
50.1	0.0496-0.1696i	0.0253-0.1156i	0.0247-0.1023i	0.0474-0.1041i	0.1958+1.9427i	-1.1021-1.1383i	-7.9638+3.2192i	4.9734-1.3735i
50.2	0.0403-0.1939i	0.0208-0.1315i	0.0188-0.1131i	0.0420-0.1160i	0.1618+2.0136i	-1.1864-1.1708i	-8.0770+3.3835i	4.9793-1.4176i
50.3	0.0235-0.1830i	0.0126-0.1263i	0.0082-0.1070i	0.0308-0.1108i	0.3326+2.1042i	-1.2882-1.1525i	-7.9088+3.5111i	4.7515-1.4831i
50.4	0.0267-0.1603i	0.0123-0.1130i	0.0097-0.0976i	0.0305-0.1026i	0.2583+2.1077i	-1.3126-1.0046i	-7.9517+3.4641i	4.8235-1.3283i
50.5	0.0505-0.1669i	0.0236-0.1163i	0.0248-0.0995i	0.0464-0.1027i	0.2432+2.0152i	-1.2873-0.9315i	-8.1337+3.3913i	4.9450-1.2730i
50.6	0.0386-0.1721i	0.0156-0.1216i	0.0194-0.1011i	0.0400-0.1056i	0.2644+2.2431i	-1.2789-1.0580i	-8.2623+3.9047i	4.8842-1.4462i
50.7	0.0421-0.1640i	0.0152-0.1111i	0.0226-0.0957i	0.0406-0.1018i	0.0952+2.3962i	-1.2781-1.1202i	-8.3270+4.3505i	4.9699-1.4208i
50.8	0.0614-0.1649i	0.0279-0.1035i	0.0335-0.0941i	0.0503-0.0974i	0.5452+2.5977i	-1.3949-1.0973i	-7.9605+4.3534i	4.8732-1.2973i
50.9	0.0638-0.1884i	0.0344-0.1162i	0.0336-0.1048i	0.0516-0.1068i	0.7732+2.4877i	-1.3695-1.1134i	-8.0752+4.5673i	4.9574-1.3231i
51.0	0.0527-0.1915i	0.0347-0.1183i	0.0301-0.1047i	0.0470-0.1074i	0.5929+2.6569i	-1.3598-1.0431i	-8.1744+4.7020i	5.0172-1.2690i
51.1	0.0713-0.2035i	0.0479-0.1295i	0.0447-0.1133i	0.0606-0.1163i	0.5528+2.8156i	-1.2373-1.1556i	-8.3537+5.0928i	5.3119-1.4019i
51.2	0.0671-0.2402i	0.0415-0.1469i	0.0394-0.1321i	0.0580-0.1367i	0.5664+2.9241i	-1.2546-1.2400i	-8.4140+5.3291i	5.4208-1.5235i
51.3	0.0476-0.2477i	0.0376-0.1440i	0.0298-0.1356i	0.0483-0.1406i	0.7384+3.0126i	-1.5110-1.2623i	-7.9458+5.4623i	5.1847-1.6814i
51.4	0.0227-0.2299i	0.0305-0.1391i	0.0178-0.1301i	0.0355-0.1366i	0.6340+2.9547i	-1.6163-1.1933i	-7.8734+5.6201i	5.1245-1.5958i
51.5	0.0512-0.2115i	0.0481-0.1282i	0.0351-0.1158i	0.0499-0.1203i	0.9251+2.8701i	-1.5955-1.1655i	-7.7800+5.6563i	5.2083-1.4034i
51.6	0.0791-0.2408i	0.0700-0.1481i	0.0545-0.1343i	0.0705-0.1370i	1.0769+3.1300i	-1.5902-1.2335i	-7.7470+5.8397i	5.4635-1.5756i
51.7	0.0690-0.2689i	0.0589-0.1708i	0.0475-0.1505i	0.0648-0.1536i	0.9780+3.4978i	-1.5313-1.3268i	-7.8693+6.2289i	5.4334-1.6793i
51.8	0.0701-0.2669i	0.0560-0.1655i	0.0455-0.1480i	0.0616-0.1510i	1.1130+3.4419i	-1.5822-1.3153i	-7.7649+6.2583i	5.4423-1.5775i
51.9	0.0811-0.2950i	0.0576-0.1730i	0.0492-0.1612i	0.0642-0.1630i	1.1464+3.6407i	-1.6672-1.4174i	-7.5250+6.7260i	5.5336-1.7969i
52.0	0.0702-0.3437i	0.0595-0.1809i	0.0457-0.1787i	0.0626-0.1820i	1.1634+3.8598i	-1.5895-1.4098i	-7.6377+6.9025i	5.7031-1.8852i
52.1	0.0334-0.3657i	0.0718-0.1945i	0.0388-0.1896i	0.0574-0.1941i	1.4928+3.7423i	-1.6189-1.5548i	-7.5709+7.1728i	5.7341-1.9650i
52.2	-0.0120-0.3850i	0.0597-0.2176i	0.0207-0.2047i	0.0383-0.2113i	1.8527+3.7890i	-1.7921-1.7760i	-7.1330+7.6668i	5.5627-2.3377i
52.3	-0.0396-0.3480i	0.0548-0.2035i	0.0105-0.1873i	0.0238-0.1933i	1.9021+3.7488i	-1.9338-1.6514i	-6.8438+7.6006i	5.4418-2.1669i
52.4	-0.0171-0.3398i	0.0878-0.2093i	0.0301-0.1878i	0.0417-0.1914i	1.9303+3.7099i	-1.8418-1.5084i	-7.0233+7.5362i	5.6771-2.0177i
52.5	-0.0265-0.3750i	0.0798-0.2579i	0.0236-0.2175i	0.0383-0.2199i	2.1213+3.9306i	-1.8863-1.6469i	-7.0071+7.8942i	5.7126-2.2810i
52.6	-0.0629-0.3732i	0.0396-0.2737i	-0.0018-0.2232i	0.0129-0.2249i	2.3164+3.9884i	-2.2434-1.7586i	-6.2032+8.2399i	5.2772-2.4920i
52.7	-0.0594-0.3365i	0.0305-0.2367i	-0.0042-0.2003i	0.0105-0.1986i	2.4039+3.8784i	-2.3551-1.6649i	-5.7054+8.1891i	5.1732-2.2803i
52.8	-0.0517-0.3758i	0.0574-0.2593i	0.0066-0.2207i	0.0228-0.2183i	2.5306+4.0565i	-2.2145-1.7725i	-5.6074+8.5707i	5.4605-2.4631i
52.9	-0.0973-0.4005i	0.0379-0.2802i	-0.0158-0.2357i	0.0009-0.2341i	2.6656+4.1047i	-2.4027-1.8885i	-5.0867+8.8421i	5.3051-2.6623i
53.0	-0.1317-0.4001i	0.0436-0.2816i	-0.0250-0.2351i	-0.0084-0.2352i	3.0484+4.0621i	-2.5344-1.8416i	-4.7656+8.7363i	5.2098-2.6449i
53.1	-0.1619-0.3952i	0.0461-0.3184i	-0.0349-0.2455i	-0.0177-0.2470i	3.2149+3.7541i	-2.6107-1.7081i	-4.6279+8.4078i	5.1537-2.6488i
53.2	-0.1902-0.3644i	0.0123-0.3603i	-0.0557-0.2493i	-0.0391-0.2509i	3.3795+3.5663i	-2.8017-1.5929i	-4.2574+8.2237i	4.9432-2.4869i
53.3	-0.1769-0.3256i	-0.0333-0.3434i	-0.0673-0.2312i	-0.0493-0.2302i	3.3634+3.8882i	-2.9030-1.5052i	-3.8663+8.1953i	4.9333-2.3056i
53.4	-0.1624-0.3350i	-0.0436-0.3025i	-0.0668-0.2195i	-0.0465-0.2200i	3.6523+3.6843i	-2.9062-1.4637i	-3.3642+8.1284i	5.0742-2.2848i
53.5	-0.1885-0.3293i	-0.0225-0.2899i	-0.0681-0.2133i	-0.0480-0.2150i	3.9270+3.3746i	-2.9867-1.3814i	-3.1733+7.6092i	5.1000-2.2466i
53.6	-0.1941-0.2857i	-0.0012-0.2932i	-0.0615-0.1993i	-0.0442-0.2006i	4.0010+3.2327i	-3.0874-1.2873i	-3.1600+7.2557i	5.0861-2.1109i
53.7	-0.1564-0.2703i	0.0106-0.3151i	-0.0453-0.2030i	-0.0265-0.2013i	3.9723+3.2850i	-3.0667-1.2622i	-3.0143+7.3248i	5.2398-2.0640i
53.8	-0.1303-0.2987i	0.0256-0.3495i	-0.0325-0.2248i	-0.0094-0.2236i	4.1350+3.1441i	-2.9789-1.3224i	-2.8548+7.3577i	5.5679-2.2997i
53.9	-0.1482-0.3391i	0.0065-0.4026i	-0.0456-0.2558i	-0.0223-0.2570i	4.3248+2.9551i	-3.0630-1.3582i	-2.6138+7.0339i	5.4646-2.5918i
54.0	-0.1651-0.3516i	-0.0254-0.4345i	-0.0613-0.2703i	-0.0384-0.2724i	4.4734+2.9321i	-3.1880-1.3562i	-2.3925+6.7465i	5.3316-2.6449i
54.1	-0.1893-0.3378i	-0.0750-0.4285i	-0.0857-0.2638i	-0.0630-0.2662i	4.7408+2.7851i	-3.2924-1.3818i	-2.2558+6.6894i	5.2861-2.7403i
54.2	-0.1659-0.3494i	-0.0727-0.4338i	-0.0779-0.2697i	-0.0524-0.2724i	4.7860+2.6766i	-3.2853-1.4173i	-2.2348+6.6539i	5.4580-2.9273i
54.3	-0.2075-0.3811i	-0.1139-0.4771i	-0.1068-0.2946i	-0.0817-0.2992i	4.5770+2.6260i	-3.3421-1.4819i	-2.2603+6.5613i	5.3397-3.1210i
54.4	-0.2546-0.3731i	-0.1737-0.4831i	-0.1426-0.2940i	-0.1181-0.2989i	4.5426+2.4518i	-3.4685-1.4647i	-2.1880+6.3741i	5.1296-3.1183i
54.5	-0.2971-0.3528i	-0.2292-0.4710i	-0.1755-0.2836i	-0.1516-0.2882i	4.5248+2.3472i	-3.5423-1.3547i	-2.2440+6.1478i	4.9239-3.0925i
54.6	-0.2992-0.2870i	-0.2621-0.4129i	-0.1868-0.2418i	-0.1644-0.2450i	4.5291+2.2147i	-3.6302-1.1884i	-2.2375+5.8792i	4.7935-2.7861i
54.7	-0.2521-0.2611i	-0.2477-0.3770i	-0.1674-0.2208i	-0.1408-0.2237i	4.7372+2.1618i	-3.6225-1.1116i	-2.2683+5.7108i	5.0062-2.5323i
54.8	-0.2379-0.2982i	-0.2466-0.3842i	-0.1625-0.2333i	-0.1343-0.2398i	4.8047+2.3251i	-3.6417-1.1967i	-2.1113+5.7336i	5.1338-2.7390i
54.9	-0.2816-0.3183i	-0.2806-0.3839i	-0.1877-0.2395i	-0.1622-0.2475i	4.8375+2.0342i	-3.7988-1.1751i	-2.0026+5.4468i	4.8506-2.9546i
55.0	-0.2988-0.2988i	-0.2963-0.3604i	-0.1988-0.2250i	-0.1739-0.2324i	4.8812+1.8234i	-3.9541-1.1189i	-1.9082+5.2239i	4.6511-2.9296i
55.1	-0.3011-0.2845i	-0.3089-0.3372i	-0.2038-0.2130i	-0.1784-0.2210i	4.7085+1.5732i	-3.9856-1.0266i	-2.1442+4.9471i	4.7870-2.7942i
55.2	-0.3098-0.2767i	-0.3201-0.3247i	-0.2099-0.2061i	-0.1841-0.2151i	4.8855+1.5384i	-3.9399-0.9972i	-2.3224+4.8293i	4.9127-2.5995i
55.3	-0.3230-0.2468i	-0.3291-0.2903i	-0.2170-0.1846i	-0.1923-0.1948i	4.8979+1.4841i	-4.0010-0.9608i	-2.1877+4.8262i	4.7542-2.6974i
55.4	-0.3096-0.2350i	-0.3127-0.2787i	-0.2064-0.1753i	-0.1819-0.1868i	5.0191+1.5855i	-3.9523-0.9321i	-2.4912+4.8570i	5.0920-2.6796i
55.5	-0.2859-0.2445i	-0.2986-0.2858i	-0.1930-0.1805i	-0.1684-0.1935i	4.9674+1.5137i	-4.0423-0.9006i	-2.4020+4.4640i	5.0173-2.5948i
55.6	-0.3140-0.2438i	-0.3288-0.2813i	-0.2127-0.1787i	-0.1895-0.1924i	5.0044+1.5260i	-4.1209-0.9388i	-2.4042+4.4922i	4.9570-2.7933i
55.7	-0.3304-0.2276i	-0.3455-0.2589i	-0.2232-0.1656i	-0.2011-0.1794i	4.8826+1.4695i	-4.0970-0.9587i	-2.6043+4.6024i	4.9950-2.7805i
55.8	-0.3415-0.2177i	-0.3598-0.2392i	-0.2315-0.1547i	-0.2084-0.1706i	4.6284+1.4476i	-4.0568-0.9028i	-3.0287+4.6139i	5.2092-2.7342i
55.9	-0.3372-0.2021i	-0.3529-0.2211i	-0.2270-0.1437i	-0.2045-0.1593i	4.6258+1.4123i	-4.1283-0.8468i	-3.0781+4.471i	5.2441-2.6555i
56.0	-0.3060-0.1923i	-0.3275-0.2076i	-0.2077-0.1356i	-0.1856-0.1516i	4.8315+1.3186i	-4.1913-0.9228i	-3.0036+4.6534i	5.3008-2.8415i

56.1	-0.3116-0.2195i	-0.3329-0.2227i	-0.2098-0.1507i	-0.1907-0.1677i	4.7968+1.4149i	-4.2055-0.9587i	-3.1717+4.7622i	5.4078-3.1050i
56.2	-0.3379-0.2081i	-0.3488-0.2076i	-0.2232-0.1424i	-0.2052-0.1587i	4.9820+1.4388i	-4.3729-0.9879i	-3.0135+4.8276i	5.2701-3.2169i
56.3	-0.3333-0.1978i	-0.3422-0.1972i	-0.2203-0.1353i	-0.2002-0.1501i	5.0925+1.1803i	-4.4513-0.7856i	-3.1469+4.3282i	5.1845-2.9478i
56.4	-0.3335-0.1860i	-0.3399-0.1864i	-0.2195-0.1287i	-0.1999-0.1428i	5.1053+1.0901i	-4.4839-0.7360i	-3.2730+4.2711i	5.1452-2.9313i
56.5	-0.3358-0.1800i	-0.3408-0.1813i	-0.2207-0.1248i	-0.2014-0.1390i	5.0470+1.0893i	-4.5059-0.6669i	-3.4704+4.1490i	5.1793-2.7964i
56.6	-0.3337-0.1687i	-0.3379-0.1718i	-0.2186-0.1182i	-0.1999-0.1320i	5.1059+0.9919i	-4.5147-0.6270i	-3.6266+4.1546i	5.2492-2.7308i
56.7	-0.3355-0.1632i	-0.3362-0.1664i	-0.2184-0.1146i	-0.2002-0.1286i	5.1654+0.9372i	-4.5996-0.6157i	-3.7322+4.1961i	5.3179-2.8017i
56.8	-0.3375-0.1593i	-0.3378-0.1588i	-0.2196-0.1117i	-0.2015-0.1247i	5.2753+0.8935i	-4.7098-0.6406i	-3.7855+4.4414i	5.4175-2.9268i
56.9	-0.3314-0.1530i	-0.3315-0.1484i	-0.2158-0.1059i	-0.1967-0.1196i	5.0501+0.9676i	-4.7268-0.5877i	-3.8767+4.4493i	5.4455-2.8963i
57.0	-0.3254-0.1437i	-0.3262-0.1396i	-0.2108-0.1007i	-0.1919-0.1140i	5.0383+0.8863i	-4.8163-0.5760i	-3.7272+4.4630i	5.3828-2.9179i
57.1	-0.2966-0.1346i	-0.3089-0.1349i	-0.1947-0.0981i	-0.1772-0.1105i	5.3513+1.0396i	-4.8482-0.6442i	-3.7760+4.7827i	5.5361-2.9794i
57.2	-0.2982-0.1527i	-0.3099-0.1426i	-0.1943-0.1060i	-0.1788-0.1198i	5.3221+0.9605i	-4.8401-0.6303i	-3.8699+4.9071i	5.5255-3.1654i
57.3	-0.3201-0.1751i	-0.3245-0.1550i	-0.2076-0.1166i	-0.1915-0.1320i	5.3293+0.8991i	-4.8907-0.5769i	-4.1251+4.7809i	5.6298-3.0661i
57.4	-0.3285-0.1680i	-0.3266-0.1486i	-0.2119-0.1139i	-0.1952-0.1282i	5.2796+0.8089i	-4.9833-0.5209i	-4.1259+4.7956i	5.6001-3.0157i
57.5	-0.3313-0.1524i	-0.3225-0.1318i	-0.2108-0.1042i	-0.1949-0.1171i	5.5184+0.8590i	-5.1376-0.5232i	-3.7514+4.8817i	5.3382-3.1352i
57.6	-0.3385-0.1509i	-0.3278-0.1298i	-0.2150-0.1033i	-0.1989-0.1153i	5.3871+0.9889i	-5.1921-0.5466i	-3.9343+5.0202i	5.5590-3.1805i
57.7	-0.3432-0.1517i	-0.3285-0.1292i	-0.2178-0.1038i	-0.2001-0.1141i	5.3705+0.9123i	-5.2304-0.4185i	-4.1194+4.9033i	5.6527-3.1224i
57.8	-0.3502-0.1393i	-0.3284-0.1230i	-0.2208-0.0971i	-0.2009-0.1081i	5.5712+0.9781i	-5.2442-0.4105i	-4.1216+5.1388i	5.6751-3.2051i
57.9	-0.3496-0.1355i	-0.3241-0.1193i	-0.2197-0.0935i	-0.2000-0.1063i	5.6826+0.9117i	-5.3098-0.4223i	-4.1078+5.1045i	5.7449-3.0730i
58.0	-0.3477-0.1277i	-0.3212-0.1100i	-0.2175-0.0877i	-0.1986-0.0995i	5.8291+0.6852i	-5.4319-0.4550i	-3.9091+5.1446i	5.7580-3.1900i
58.1	-0.3481-0.1172i	-0.3126-0.1063i	-0.2141-0.0838i	-0.1949-0.0951i	5.7078+0.4585i	-5.5469-0.4032i	-3.8561+5.1497i	5.8168-3.2516i
58.2	-0.3477-0.1155i	-0.3056-0.1196i	-0.2114-0.0876i	-0.1912-0.0991i	5.8686+0.4944i	-5.6040-0.3420i	-3.8812+5.1062i	5.7870-3.1960i
58.3	-0.3524-0.1012i	-0.3293-0.1202i	-0.2221-0.0834i	-0.2004-0.0961i	6.0455+0.8191i	-5.6571-0.3852i	-3.8688+5.4698i	5.9234-3.4680i
58.4	-0.3481-0.0946i	-0.3305-0.1119i	-0.2214-0.0781i	-0.1999-0.0902i	6.2419+0.7335i	-5.6860-0.2749i	-3.9980+5.2641i	6.0154-3.3154i
58.5	-0.3416-0.1006i	-0.3239-0.1129i	-0.2179-0.0806i	-0.1954-0.0933i	6.5342+0.5901i	-5.7884-0.2368i	-3.8579+5.2485i	6.0349-3.4089i
58.6	-0.3495-0.1020i	-0.3259-0.1107i	-0.2215-0.0802i	-0.1981-0.0942i	6.5501+0.4499i	-5.8932-0.2406i	-3.7345+5.3723i	6.0240-3.5826i
58.7	-0.3579-0.0948i	-0.3299-0.1058i	-0.2248-0.0760i	-0.2022-0.0905i	6.4922+0.4213i	-5.9927-0.2218i	-3.8283+5.3867i	6.1748-3.6052i
58.8	-0.3537-0.0941i	-0.3310-0.1062i	-0.2231-0.0758i	-0.2001-0.0910i	6.7137+0.5126i	-6.0772-0.1505i	-4.0359+5.2669i	6.4172-3.5053i
58.9	-0.3476-0.0855i	-0.3267-0.1020i	-0.2200-0.0707i	-0.1968-0.0853i	6.8483+0.1624i	-6.2042+0.0000i	-3.8410+4.7439i	6.1222-3.4543i
59.0	-0.3538-0.0763i	-0.3309-0.0957i	-0.2233-0.0645i	-0.2001-0.0803i	6.7684+0.3427i	-6.2508-0.0340i	-3.8751+5.0446i	6.1741-3.8006i
59.1	-0.3509-0.0754i	-0.3331-0.0971i	-0.2241-0.0653i	-0.1988-0.0816i	6.7349+0.3193i	-6.3568-0.0181i	-3.8991+5.1475i	6.2772-3.8343i
59.2	-0.3519-0.0705i	-0.3337-0.0962i	-0.2235-0.0632i	-0.1997-0.0818i	6.6877+0.2517i	-6.4290+0.0359i	-3.9849+5.1684i	6.3402-3.9104i
59.3	-0.3548-0.0668i	-0.3366-0.0968i	-0.2247-0.0625i	-0.2005-0.0803i	6.8617-0.1752i	-6.5347+0.1495i	-4.0969+4.9005i	6.4508-3.9027i
59.4	-0.3477-0.0612i	-0.3346-0.0881i	-0.2208-0.0558i	-0.1978-0.0750i	6.8434-0.1185i	-6.6346+0.1565i	-4.0799+5.0983i	6.3460-4.0339i
59.5	-0.3477-0.0638i	-0.3382-0.0889i	-0.2222-0.0574i	-0.1984-0.0781i	6.8115-0.1471i	-6.7542+0.1902i	-4.1718+5.0968i	6.4924-4.0944i
59.6	-0.3482-0.0619i	-0.3419-0.0937i	-0.2239-0.0587i	-0.1987-0.0796i	6.9839-0.0428i	-6.8899+0.2354i	-4.4183+5.0123i	6.7442-4.1736i
59.7	-0.3495-0.0589i	-0.3431-0.0913i	-0.2236-0.0569i	-0.1995-0.0792i	7.0817-0.1565i	-6.9986+0.2984i	-4.5047+5.2159i	6.7658-4.4168i
59.8	-0.3516-0.0503i	-0.3472-0.0851i	-0.2257-0.0522i	-0.2010-0.0757i	7.3752-0.2450i	-7.0422+0.3839i	-4.6870+5.5189i	6.8709-4.6874i
59.9	-0.3420-0.0513i	-0.3404-0.0894i	-0.2170-0.0549i	-0.1921-0.0765i	7.8736-0.3547i	-6.5482+0.7576i	-4.6978+5.6178i	6.4065-4.9898i
60.0	-0.3337-0.0498i	-0.3315-0.0904i	-0.2076-0.0545i	-0.1807-0.0751i	8.5351-0.4184i	-6.1083+1.3946i	-4.8964+5.4542i	6.1126-5.4483i
60.1	-0.3436-0.0487i	-0.3438-0.0905i	-0.2151-0.0537i	-0.1895-0.0780i	8.2361-0.6761i	-6.3870+1.2756i	-5.4253+5.8606i	6.5796-5.5306i
60.2	-0.3584-0.0463i	-0.3651-0.0921i	-0.2309-0.0535i	-0.2078-0.0815i	7.5851-0.9800i	-7.4598+0.6417i	-5.5136+6.0151i	7.3390-5.0768i
60.3	-0.3526-0.0402i	-0.3690-0.0903i	-0.2315-0.0517i	-0.2073-0.0793i	7.7343-1.0369i	-7.6213+0.6894i	-5.2200+6.1730i	7.2433-5.3137i
60.4	-0.3505-0.0384i	-0.3725-0.0906i	-0.2323-0.0518i	-0.2084-0.0798i	7.8291-1.0174i	-7.7902+0.7362i	-4.9668+6.2762i	6.9805-5.4609i
60.5	-0.3523-0.0419i	-0.3850-0.0928i	-0.2368-0.0534i	-0.2114-0.0830i	7.8570-1.2898i	-7.9962+0.7702i	-5.1620+6.5244i	7.2164-5.6194i
60.6	-0.3511-0.0404i	-0.3917-0.0903i	-0.2372-0.0532i	-0.2134-0.0826i	7.9958-1.5224i	-8.1726+0.9460i	-5.2834+6.4067i	7.2660-5.5698i
60.7	-0.3516-0.0207i	-0.4003-0.0728i	-0.2397-0.0410i	-0.2168-0.0715i	7.7945-1.3986i	-8.2373+1.1522i	-5.3662+6.8088i	7.1208-5.9150i
60.8	-0.3483-0.0216i	-0.4037-0.0659i	-0.2402-0.0381i	-0.2172-0.0712i	7.8321-1.4337i	-8.4197+1.2129i	-5.1869+6.9781i	7.0931-6.1470i
60.9	-0.3489-0.0307i	-0.4089-0.0656i	-0.2410-0.0411i	-0.2174-0.0758i	8.2772-1.5401i	-8.7129+1.3835i	-5.1592+6.6679i	7.1753-6.2035i
61.0	-0.3489-0.0336i	-0.4087-0.0639i	-0.2410-0.0422i	-0.2172-0.0768i	8.3050-1.8845i	-8.8945+1.5733i	-4.9284+6.4743i	6.9927-6.2298i
61.1	-0.3536-0.0387i	-0.4168-0.0619i	-0.2442-0.0439i	-0.2220-0.0800i	8.2111-2.0776i	-9.0429+1.7177i	-5.0992+6.7074i	7.0706-6.4301i
61.2	-0.3540-0.0365i	-0.4183-0.0558i	-0.2432-0.0413i	-0.2238-0.0784i	8.2630-2.0167i	-9.1840+1.7908i	-4.9822+6.9660i	6.9370-6.6483i
61.3	-0.3663-0.0281i	-0.4387-0.0442i	-0.2542-0.0354i	-0.2348-0.0745i	8.3574-2.1468i	-9.3277+2.0264i	-5.1145+7.6993i	7.0497-7.3748i
61.4	-0.3679-0.0276i	-0.4379-0.0425i	-0.2545-0.0358i	-0.2347-0.0745i	8.6699-2.4896i	-9.5356+2.2184i	-5.0380+7.2710i	6.8091-7.2199i
61.5	-0.3711-0.0319i	-0.4453-0.0478i	-0.2578-0.0402i	-0.2374-0.0785i	8.7197-2.4497i	-9.8916+2.4080i	-5.1467+7.0335i	6.9254-7.1428i
61.6	-0.3748-0.0298i	-0.4561-0.0344i	-0.2623-0.0354i	-0.2433-0.0758i	8.9373-2.6004i	-9.9751+2.7005i	-5.3027+7.5663i	6.9750-7.5325i
61.7	-0.3768-0.0212i	-0.4552-0.0221i	-0.2620-0.0273i	-0.2444-0.0706i	9.0262-2.8094i	-10.0201+2.9496i	-5.0676+7.8005i	6.6310-7.8135i
61.8	-0.3758-0.0178i	-0.4564-0.0141i	-0.2618-0.0237i	-0.2460-0.0679i	8.7096-3.1128i	-10.2040+3.1874i	-4.7398+7.8645i	6.2397-8.0133i
61.9	-0.3845-0.0086i	-0.4679+0.0016i	-0.2692-0.0181i	-0.2552-0.0630i	8.8504-3.4044i	-10.2992+3.5248i	-4.6130+8.4414i	6.1014-8.6768i
62.0	-0.3933-0.0002i	-0.4826+0.0198i	-0.2774-0.0109i	-0.2665-0.0562i	8.9596-3.3414i	-10.3748+3.8631i	-4.3728+9.1226i	5.9362-9.2082i
62.1	-0.3998-0.0054i	-0.4945+0.0189i	-0.2822-0.0127i	-0.2722-0.0593i	9.0031-3.5673i	-10.7162+4.1974i	-4.6722+8.9699i	6.0986-9.0627i
62.2	-0.4019+0.0003i	-0.4930+0.0330i	-0.2807-0.0077i	-0.2724-0.0538i	9.2286-3.5469i	-10.7947+4.5048i	-4.6025+8.9061i	5.6907-9.1767i
62.3	-0.4076+0.0034i	-0.4966+0.0418i	-0.2848-0.0029i	-0.2768-0.0516i	9.3953-3.7053i	-10.8988+4.8114i	-4.4237+8.7308i	5.4667-9.3340i

62.4	-0.4066+0.0120i	-0.4986+0.0615i	-0.2868+0.0061i	-0.2791-0.0438i	9.6963-4.2185i	-11.0038+5.2275i	-4.0750+8.8772i	5.0031-9.5366i
62.5	-0.4070+0.0224i	-0.5042+0.0756i	-0.2891+0.0134i	-0.2832-0.0373i	9.5236-4.4485i	-11.0860+5.6064i	-4.0026+8.8953i	4.7804-9.4843i
62.6	-0.4087+0.0308i	-0.5044+0.0937i	-0.2887+0.0209i	-0.2865-0.0304i	9.4587-4.8060i	-11.0309+5.9649i	-3.7504+9.5617i	4.4203-9.8249i
62.7	-0.4145+0.0351i	-0.5093+0.1124i	-0.2907+0.0290i	-0.2926-0.0237i	9.2942-4.9156i	-10.9888+6.4960i	-3.5436+9.9074i	4.1087-10.0637i
62.8	-0.4231+0.0419i	-0.5215+0.1274i	-0.2998+0.0322i	-0.3007-0.0190i	9.4131-5.1032i	-11.2116+7.0530i	-3.3838+10.2482i	4.0164-10.3336i
62.9	-0.4299+0.0463i	-0.5235+0.1367i	-0.3026+0.0340i	-0.3053-0.0159i	9.4541-5.4048i	-11.2300+7.5729i	-3.5763+10.2913i	3.8967-10.3570i
63.0	-0.4214+0.0687i	-0.5101+0.1584i	-0.2945+0.0486i	-0.3030-0.0007i	9.7347-5.6201i	-11.0224+8.0397i	-3.0532+10.1167i	3.0996-10.2149i
63.1	-0.4217+0.0790i	-0.5092+0.1768i	-0.2946+0.0579i	-0.3077+0.0065i	9.5472-6.0751i	-10.8376+8.6021i	-2.5304+10.6795i	2.7206-10.2641i
63.2	-0.4334+0.0909i	-0.5191+0.2014i	-0.3016+0.0693i	-0.3160+0.0165i	9.2368-6.3162i	-10.7545+9.2229i	-2.4077+11.2109i	2.5217-10.7574i
63.3	-0.4383+0.0999i	-0.5182+0.2245i	-0.3037+0.0787i	-0.3194+0.0254i	8.9458-6.4758i	-10.6493+9.7639i	-2.2796+11.4554i	2.1590-11.0006i
63.4	-0.4344+0.1050i	-0.5077+0.2320i	-0.3004+0.0824i	-0.3176+0.0285i	9.2583-7.0362i	-10.5538+10.2211i	-2.2725+10.9866i	1.7303-10.6547i
63.5	-0.4370+0.1102i	-0.5071+0.2465i	-0.3026+0.0866i	-0.3209+0.0361i	9.3742-7.6321i	-10.4442+10.9149i	-2.1964+11.0519i	1.6480-10.3131i
63.6	-0.4247+0.1221i	-0.4867+0.2714i	-0.2942+0.0968i	-0.3158+0.0505i	9.2324-7.8747i	-9.8134+11.3127i	-1.3927+11.3181i	1.0580-10.0787i
63.7	-0.4273+0.1286i	-0.4813+0.2833i	-0.2929+0.1002i	-0.3185+0.0561i	9.1362-7.9302i	-9.6667+11.8995i	-1.2584+10.9118i	0.5366-9.8278i
63.8	-0.4244+0.1456i	-0.4649+0.3028i	-0.2872+0.1109i	-0.3161+0.0708i	9.0474-8.2050i	-9.0923+12.3789i	-0.6468+10.9764i	-0.0196-9.6908i
63.9	-0.4245+0.1668i	-0.4419+0.3244i	-0.2832+0.1253i	-0.3133+0.0861i	8.9522-8.2378i	-8.2547+12.8724i	0.1995+11.2413i	-0.6373-9.5843i
64.0	-0.4195+0.1778i	-0.4293+0.3415i	-0.2794+0.1347i	-0.3104+0.0957i	8.5583-8.5519i	-7.5813+13.3233i	0.3618+11.3126i	-0.8312-9.2619i
64.1	-0.4114+0.1894i	-0.4137+0.3474i	-0.2733+0.1403i	-0.3039+0.1049i	8.1778-8.7977i	-7.1422+13.4585i	0.6890+11.1168i	-1.0941-8.7547i
64.2	-0.4003+0.2150i	-0.3933+0.3779i	-0.2657+0.1569i	-0.2984+0.1271i	7.6990-9.2072i	-6.3023+14.0977i	1.4906+11.0881i	-1.6787-8.3098i
64.3	-0.4067+0.2168i	-0.3994+0.3795i	-0.2697+0.1578i	-0.3020+0.1257i	7.9850-10.0660i	-6.2316+14.6771i	0.8255+10.5955i	-1.3993-8.0054i
64.4	-0.3913+0.2201i	-0.3742+0.3829i	-0.2574+0.1614i	-0.2906+0.1304i	8.1399-10.1096i	-5.7657+14.7410i	1.1115+10.1439i	-1.6879-7.4738i
64.5	-0.3714+0.2365i	-0.3376+0.3973i	-0.2422+0.1721i	-0.2741+0.1449i	7.9107-10.1389i	-4.6763+14.7442i	1.7236+10.0362i	-1.9468-6.9600i
64.6	-0.3581+0.2455i	-0.3166+0.4010i	-0.2331+0.1750i	-0.2668+0.1523i	7.0821-11.0056i	-3.8072+14.9499i	1.7442+10.0743i	-1.8674-6.4352i
64.7	-0.3426+0.2466i	-0.2965+0.4037i	-0.2239+0.1765i	-0.2577+0.1585i	6.5624-10.9905i	-3.0796+15.0153i	2.0775+9.9350i	-1.8586-6.0519i
64.8	-0.3387+0.2332i	-0.2869+0.3896i	-0.2209+0.1689i	-0.2529+0.1502i	6.9540-11.1196i	-2.7800+15.0192i	2.1722+9.2353i	-1.5517-5.3649i
64.9	-0.3239+0.2438i	-0.2533+0.3902i	-0.2054+0.1730i	-0.2396+0.1550i	6.5668-11.7908i	-1.5876+14.8853i	2.4202+8.9651i	-1.4234-4.8647i
65.0	-0.3134+0.2531i	-0.2388+0.3863i	-0.1986+0.1752i	-0.2318+0.1604i	6.0067-11.9000i	-0.9566+14.6589i	2.2902+8.8448i	-1.3580-4.5700i
65.1	-0.2994+0.2488i	-0.2173+0.3727i	-0.1873+0.1704i	-0.2183+0.1589i	5.8026-12.2120i	-0.4562+14.3523i	2.2662+8.2642i	-1.1214-3.7263i
65.2	-0.2895+0.2508i	-0.2087+0.3686i	-0.1830+0.1711i	-0.2138+0.1634i	5.1395-12.8294i	0.3062+13.9918i	2.6382+8.3440i	-0.6636-3.6230i
65.3	-0.2709+0.2493i	-0.1886+0.3550i	-0.1708+0.1689i	-0.2010+0.1633i	4.6087-13.1015i	1.0728+13.3350i	2.8542+7.9257i	-0.4171-3.2011i
65.4	-0.2487+0.2444i	-0.1736+0.3370i	-0.1608+0.1644i	-0.1870+0.1594i	4.1139-12.7590i	1.5695+12.4318i	3.3559+7.6146i	-0.1647-2.9411i
65.5	-0.2433+0.2432i	-0.1737+0.3275i	-0.1596+0.1619i	-0.1858+0.1567i	3.6933-13.3337i	1.8937+12.3005i	2.9938+7.3466i	0.3025-2.7527i
65.6	-0.2364+0.2395i	-0.1674+0.3213i	-0.1562+0.1591i	-0.1807+0.1559i	2.7955-13.6470i	2.2308+11.9910i	2.8624+6.9125i	0.5934-2.4051i
65.7	-0.2325+0.2313i	-0.1701+0.3115i	-0.1547+0.1550i	-0.1771+0.1529i	2.4303-13.4651i	2.4271+11.4962i	2.7513+6.6140i	1.1087-2.3208i
65.8	-0.2225+0.2164i	-0.1653+0.3015i	-0.1491+0.1488i	-0.1698+0.1461i	2.0483-12.8537i	2.5392+10.8138i	2.7390+6.1093i	1.6852-2.2053i
65.9	-0.2142+0.2157i	-0.1612+0.3014i	-0.1448+0.1493i	-0.1655+0.1475i	1.5235-13.6203i	2.9843+10.8210i	2.2211+5.7198i	2.1981-1.8968i
66.0	-0.1996+0.2017i	-0.1533+0.2882i	-0.1358+0.1412i	-0.1556+0.1424i	0.8256-13.1852i	3.0091+9.8327i	2.7665+5.6389i	2.5594-2.0912i
66.1	-0.2041+0.1933i	-0.1581+0.2883i	-0.1391+0.1393i	-0.1564+0.1394i	0.1538-13.1632i	3.1685+9.3822i	2.5295+5.7145i	3.1888-2.6234i
66.2	-0.2035+0.1912i	-0.1520+0.2840i	-0.1378+0.1377i	-0.1527+0.1378i	-0.3039-13.3353i	3.3033+9.2711i	1.9334+5.2861i	3.5299-2.4477i
66.3	-0.2011+0.1817i	-0.1449+0.2770i	-0.1345+0.1330i	-0.1468+0.1335i	-0.9148-13.0628i	3.3790+8.6820i	2.2508+5.0124i	3.7506-2.6775i
66.4	-0.2095+0.1700i	-0.1469+0.2682i	-0.1376+0.1268i	-0.1478+0.1274i	-1.8902-12.8421i	3.2860+8.1604i	2.0340+4.8432i	4.1778-3.1746i
66.5	-0.2068+0.1647i	-0.1443+0.2605i	-0.1356+0.1237i	-0.1459+0.1236i	-1.9974-12.2830i	3.2753+7.9452i	1.8134+4.8909i	4.4976-3.3090i
66.6	-0.2060+0.1580i	-0.1449+0.2500i	-0.1356+0.1196i	-0.1443+0.1186i	-2.1003-11.9299i	3.2396+7.5804i	1.7210+4.7049i	4.8458-3.4051i
66.7	-0.2222+0.1412i	-0.1598+0.2425i	-0.1455+0.1120i	-0.1521+0.1090i	-2.5563-11.4692i	3.0949+7.2388i	1.1845+4.7794i	5.4154-4.0270i
66.8	-0.2320+0.1399i	-0.1630+0.2432i	-0.1482+0.1122i	-0.1545+0.1067i	-2.9578-11.0438i	2.8676+6.9115i	1.0418+4.5789i	5.3253-4.4685i
66.9	-0.2371+0.1334i	-0.1656+0.2375i	-0.1498+0.1086i	-0.1552+0.1034i	-3.4356-11.0560i	2.8561+6.6596i	0.5813+4.1423i	5.5509-4.6031i
67.0	-0.2416+0.1255i	-0.1682+0.2315i	-0.1539+0.1047i	-0.1567+0.0993i	-3.5605-10.2432i	2.6743+6.2885i	0.3976+4.4133i	5.8239-4.9025i
67.1	-0.2557+0.1257i	-0.1749+0.2329i	-0.1611+0.1049i	-0.1641+0.0989i	-4.1407-9.9962i	2.6287+6.0905i	0.3497+4.5788i	5.9605-5.4589i
67.2	-0.2655+0.1198i	-0.1782+0.2258i	-0.1639+0.1020i	-0.1678+0.0935i	-3.9520-9.4645i	2.1852+5.7305i	0.5844+4.1142i	5.8549-5.7447i
67.3	-0.2788+0.1244i	-0.1857+0.2254i	-0.1702+0.1035i	-0.1755+0.0929i	-3.9457-9.3113i	1.9490+5.7903i	0.1088+4.0494i	6.0252-5.9773i
67.4	-0.2876+0.1373i	-0.1957+0.2233i	-0.1760+0.1055i	-0.1816+0.0965i	-4.4814-9.0367i	1.9978+5.6108i	-0.5366+4.2560i	6.1914-6.4593i
67.5	-0.2955+0.1438i	-0.2013+0.2263i	-0.1799+0.1090i	-0.1845+0.0997i	-4.4280-8.6058i	1.7440+5.4512i	-0.5488+4.5900i	5.9880-6.8012i
67.6	-0.3022+0.1504i	-0.2074+0.2311i	-0.1841+0.1132i	-0.1877+0.1023i	-4.7252-8.1849i	1.6055+5.1461i	-0.6203+4.6353i	5.8468-7.2736i
67.7	-0.3010+0.1595i	-0.2135+0.2348i	-0.1860+0.1176i	-0.1906+0.1066i	-4.6384-7.5886i	1.4748+5.0508i	-0.8625+4.6107i	5.9076-7.3881i
67.8	-0.3086+0.1604i	-0.2215+0.2401i	-0.1914+0.1198i	-0.1943+0.1082i	-4.6208-7.2655i	1.2636+5.0796i	-1.1351+4.4458i	6.0292-7.6188i
67.9	-0.3130+0.1649i	-0.2282+0.2437i	-0.1945+0.1231i	-0.1975+0.1106i	-4.3885-7.2712i	1.1099+5.1908i	-1.4916+4.4323i	6.0048-7.7103i
68.0	-0.3214+0.1710i	-0.2363+0.2545i	-0.2004+0.1286i	-0.2038+0.1151i	-4.3442-7.1664i	1.0012+5.2675i	-1.9424+4.4882i	6.1573-8.0745i
68.1	-0.3227+0.1847i	-0.2340+0.2653i	-0.2007+0.1367i	-0.2042+0.1230i	-4.3433-6.8510i	0.8822+5.2107i	-1.5554+4.7324i	6.0548-8.6046i
68.2	-0.3314+0.1995i	-0.2365+0.2756i	-0.2040+0.1458i	-0.2088+0.1304i	-4.5946-6.4532i	0.7633+5.2105i	-1.7487+4.8387i	5.8941-8.8936i
68.3	-0.3287+0.2229i	-0.2284+0.2953i	-0.2004+0.1601i	-0.2064+0.1452i	-4.4029-5.7046i	0.5472+5.1010i	-1.3624+5.2124i	5.1897-9.4965i
68.4	-0.3256+0.2342i	-0.2260+0.3048i	-0.1988+0.1678i	-0.2047+0.1523i	-4.2095-5.1886i	0.3446+5.1468i	-1.5481+5.3267i	4.9187-9.6655i
68.5	-0.3296+0.2445i	-0.2322+0.3112i	-0.2007+0.1741i	-0.2078+0.1566i	-4.5375-5.0298i	0.2791+5.2230i	-1.9226+5.4490i	4.9287-9.9067i
68.6	-0.3293+0.2431i	-0.2408+0.3114i	-0.2022+0.1737i	-0.2102+0.1549i	-4.3687-5.0227i	0.1584+5.2100i	-1.9521+5.3803i	5.1355-10.1267i

68.7	-0.3192+0.2491i	-0.2372+0.3150i	-0.1988+0.1770i	-0.2044+0.1572i	-4.1367-4.8000i	0.0652+5.2139i	-2.3337+5.2468i	5.1052-10.0576i
68.8	-0.3095+0.2748i	-0.2289+0.3310i	-0.1932+0.1911i	-0.2000+0.1719i	-3.5333-4.5513i	0.0110+5.3804i	-2.2309+5.7342i	4.4784-10.3239i
68.9	-0.3074+0.2940i	-0.2288+0.3592i	-0.1935+0.2079i	-0.2016+0.1865i	-3.3964-4.2875i	-0.0827+5.5843i	-2.1214+6.1029i	4.2552-10.9981i
69.0	-0.3097+0.3028i	-0.2363+0.3749i	-0.1958+0.2164i	-0.2042+0.1941i	-3.7165-4.3136i	-0.0133+5.7646i	-2.6351+6.6001i	4.5730-11.4376i
69.1	-0.3015+0.3091i	-0.2318+0.3829i	-0.1905+0.2204i	-0.2005+0.1976i	-3.7717-4.2793i	0.0260+5.8091i	-2.6199+6.5772i	4.2454-11.6677i
69.2	-0.2817+0.3125i	-0.2230+0.3920i	-0.1800+0.2244i	-0.1924+0.2020i	-3.7256-3.9683i	0.1392+5.8249i	-2.7060+6.9882i	4.0760-11.7860i
69.3	-0.2779+0.3176i	-0.2202+0.4052i	-0.1781+0.2316i	-0.1923+0.2091i	-3.4327-4.0824i	0.1428+5.9293i	-2.8805+7.1002i	3.8342-12.1038i
69.4	-0.2643+0.3260i	-0.2057+0.4232i	-0.1689+0.2409i	-0.1845+0.2186i	-3.2642-3.6777i	0.0873+6.0054i	-3.0255+6.8823i	3.1496-12.1477i
69.5	-0.2556+0.3306i	-0.1978+0.4400i	-0.1622+0.2481i	-0.1770+0.2254i	-3.0193-3.4142i	0.1475+6.0863i	-3.5542+6.8897i	2.8959-12.1405i
69.6	-0.2441+0.3447i	-0.1837+0.4619i	-0.1551+0.2600i	-0.1692+0.2368i	-2.6360-3.5228i	0.0796+6.1741i	-3.2840+7.2249i	2.6270-12.4260i
69.7	-0.2167+0.3547i	-0.1478+0.4825i	-0.1344+0.2716i	-0.1499+0.2493i	-2.6864-3.4572i	0.1476+6.1861i	-2.1882+7.8270i	1.5851-12.7732i
69.8	-0.2125+0.3542i	-0.1314+0.4987i	-0.1268+0.2769i	-0.1439+0.2546i	-2.6323-3.4516i	0.2094+6.4599i	-2.5495+8.1703i	1.4266-12.9760i
69.9	-0.2170+0.3546i	-0.1269+0.5059i	-0.1271+0.2783i	-0.1447+0.2543i	-2.8020-3.6627i	0.3315+6.6424i	-3.4906+8.0995i	1.6621-13.2961i
70.0	-0.1854+0.3597i	-0.0798+0.5037i	-0.1009+0.2794i	-0.1199+0.2578i	-2.6530-3.1924i	0.5291+6.5426i	-2.8013+8.4032i	0.6682-13.1251i
70.1	-0.1759+0.3568i	-0.0582+0.5091i	-0.0905+0.2810i	-0.1097+0.2606i	-2.3087-2.7776i	0.5415+6.5666i	-2.5579+8.7906i	0.1893-13.1841i
70.2	-0.1705+0.3573i	-0.0418+0.5207i	-0.0811+0.2842i	-0.1051+0.2639i	-2.5120-3.0956i	0.7782+6.6201i	-2.5340+8.8493i	-0.1643-13.5860i
70.3	-0.1533+0.3588i	-0.0155+0.5179i	-0.0662+0.2838i	-0.0909+0.2640i	-2.4554-2.9331i	0.9721+6.6969i	-2.2860+9.3613i	-0.7404-13.4718i
70.4	-0.1436+0.3476i	-0.0036+0.5080i	-0.0587+0.2766i	-0.0840+0.2583i	-2.0097-2.9936i	0.9595+6.7581i	-2.1906+9.2793i	-0.8556-13.1998i
70.5	-0.1326+0.3403i	0.0231+0.4944i	-0.0471+0.2699i	-0.0734+0.2528i	-1.8318-2.9777i	1.1159+6.7819i	-2.5196+9.3109i	-1.4043-12.9132i
70.6	-0.1151+0.3354i	0.0602+0.4906i	-0.0294+0.2683i	-0.0567+0.2514i	-1.7156-2.8109i	1.2206+6.6343i	-1.4738+9.4223i	-2.2758-12.7045i
70.7	-0.1245+0.3272i	0.0603+0.4985i	-0.0314+0.2685i	-0.0595+0.2503i	-1.9451-2.8974i	1.2974+6.6852i	-1.9170+9.5328i	-2.0634-13.0421i
70.8	-0.1190+0.3178i	0.0771+0.4830i	-0.0229+0.2601i	-0.0526+0.2430i	-2.1143-3.1568i	1.3719+6.6434i	-2.1206+9.7603i	-2.2969-12.6540i
70.9	-0.1000+0.3110i	0.1026+0.4627i	-0.0066+0.2493i	-0.0371+0.2357i	-1.9766-3.0079i	1.5118+6.4578i	-1.6832+9.6553i	-2.8850-12.0637i
71.0	-0.0996+0.3201i	0.1310+0.4704i	0.0030+0.2545i	-0.0302+0.2412i	-1.8986-2.8464i	1.7096+6.6102i	-1.6100+10.3571i	-3.6078-12.2947i
71.1	-0.0931+0.3172i	0.1570+0.4562i	0.0137+0.2492i	-0.0204+0.2380i	-1.6778-2.6676i	1.8960+6.4642i	-1.0740+10.7944i	-4.2197-12.0721i
71.2	-0.0925+0.3042i	0.1672+0.4291i	0.0170+0.2360i	-0.0163+0.2260i	-1.5146-2.8872i	1.9430+6.4311i	-1.4399+10.8310i	-4.0148-11.5610i
71.3	-0.0970+0.2994i	0.1696+0.4204i	0.0177+0.2307i	-0.0168+0.2213i	-1.4142-3.0378i	1.9122+6.5559i	-1.8538+10.6206i	-4.1009-11.4004i
71.4	-0.0852+0.2980i	0.1948+0.3917i	0.0299+0.2199i	-0.0044+0.2155i	-1.7346-2.6975i	2.0737+6.2016i	-0.6802+10.6172i	-4.9186-10.9803i
71.5	-0.0817+0.2916i	0.1963+0.3702i	0.0314+0.2106i	-0.0023+0.2075i	-1.6285-2.6522i	2.1879+6.0666i	-0.2705+11.1469i	-4.7810-10.6783i
71.6	-0.0794+0.2817i	0.2003+0.3494i	0.0341+0.2006i	0.0008+0.1972i	-1.2598-2.7992i	2.1005+6.0793i	-0.6934+10.8022i	-4.9261-10.0831i
71.7	-0.0808+0.2743i	0.2058+0.3385i	0.0363+0.1940i	0.0009+0.1916i	-1.3598-2.9829i	2.1805+6.1633i	-1.0424+10.4049i	-4.9052-9.9095i
71.8	-0.0902+0.2741i	0.2211+0.3274i	0.0365+0.1897i	0.0024+0.1900i	-1.3267-2.8825i	2.5090+6.2632i	-1.2351+11.2630i	-4.9148-9.9850i
71.9	-0.0732+0.2780i	0.2218+0.2965i	0.0432+0.1811i	0.0094+0.1841i	-1.1279-2.8391i	2.5954+6.0569i	-0.2225+11.4745i	-5.3746-9.3614i
72.0	-0.0704+0.2660i	0.2112+0.2726i	0.0403+0.1676i	0.0079+0.1722i	-0.9477-3.0007i	2.4920+5.8229i	0.5657+11.1876i	-5.0618-8.8300i
72.1	-0.0613+0.2600i	0.2082+0.2551i	0.0403+0.1598i	0.0105+0.1669i	-1.0861-2.7318i	2.6661+5.6055i	1.1456+11.9792i	-5.1457-8.2977i
72.2	-0.0663+0.2649i	0.2157+0.2507i	0.0414+0.1602i	0.0112+0.1682i	-1.2114-2.8325i	2.7629+5.6774i	0.9308+11.9600i	-5.4898-8.3556i
72.3	-0.0730+0.2635i	0.2155+0.2445i	0.0402+0.1578i	0.0093+0.1652i	-1.1461-2.8667i	2.7834+5.7405i	0.7484+11.9769i	-5.4685-8.2070i
72.4	-0.0700+0.2659i	0.2137+0.2302i	0.0401+0.1513i	0.0088+0.1619i	-1.1898-3.0101i	2.8481+5.6619i	1.2223+12.3932i	-5.5257-7.8747i
72.5	-0.0704+0.2536i	0.2117+0.2185i	0.0382+0.1448i	0.0095+0.1553i	-1.0367-3.0475i	2.8735+5.4823i	1.8396+12.1317i	-5.3739-7.5402i
72.6	-0.0706+0.2536i	0.2079+0.2032i	0.0371+0.1394i	0.0104+0.1510i	-1.1719-3.2238i	3.0256+5.2974i	2.1754+12.3301i	-5.4153-7.4203i
72.7	-0.0789+0.2643i	0.2014+0.1970i	0.0325+0.1394i	0.0050+0.1517i	-1.3983-3.4751i	3.0914+5.4363i	1.4289+12.5044i	-5.4391-7.4829i
72.8	-0.0734+0.2562i	0.1955+0.1847i	0.0327+0.1329i	0.0058+0.1470i	-1.4282-3.2027i	3.0716+5.2167i	2.2441+12.0732i	-5.3686-7.2445i
72.9	-0.0581+0.2355i	0.1941+0.1712i	0.0366+0.1232i	0.0127+0.1369i	-1.4245-2.8289i	3.1584+4.7941i	3.5109+11.7565i	-5.2367-6.6386i
73.0	-0.0645+0.2387i	0.1928+0.1668i	0.0334+0.1218i	0.0104+0.1355i	-1.3033-2.7617i	3.2462+4.8251i	3.4319+12.0314i	-5.2408-6.5566i
73.1	-0.0566+0.2382i	0.1831+0.1511i	0.0316+0.1179i	0.0109+0.1319i	-1.2085-2.9001i	3.2264+4.7602i	3.6057+11.7119i	-5.2418-6.0485i
73.2	-0.0512+0.2359i	0.1768+0.1343i	0.0306+0.1128i	0.0117+0.1275i	-1.2322-3.0539i	3.1776+4.6166i	4.0238+11.0404i	-5.0588-5.5237i
73.3	-0.0517+0.2460i	0.1711+0.1294i	0.0295+0.1138i	0.0105+0.1298i	-1.2588-3.0654i	3.3727+4.4842i	4.4507+11.5345i	-5.3247-5.6243i
73.4	-0.0539+0.2469i	0.1637+0.1245i	0.0258+0.1128i	0.0072+0.1280i	-1.3933-3.1354i	3.3652+4.4803i	4.0961+11.6171i	-5.1329-5.4655i
73.5	-0.0540+0.2328i	0.1510+0.1211i	0.0230+0.1069i	0.0066+0.1215i	-1.2680-3.3317i	3.1906+4.5767i	4.0664+11.1404i	-4.4416-4.9691i
73.6	-0.0601+0.2314i	0.1514+0.1214i	0.0206+0.1057i	0.0043+0.1205i	-1.2697-3.3035i	3.2468+4.5208i	4.2104+11.2539i	-4.3929-5.0458i
73.7	-0.0637+0.2326i	0.1516+0.1178i	0.0193+0.1040i	0.0025+0.1198i	-0.9953-3.2582i	3.2954+4.4947i	4.1679+11.4225i	-4.3340-5.0486i
73.8	-0.0619+0.2365i	0.1502+0.1079i	0.0193+0.1023i	0.0027+0.1175i	-1.2340-3.0906i	3.3363+4.3040i	4.5065+10.9521i	-4.4520-5.1147i
73.9	-0.0498+0.2262i	0.1358+0.0993i	0.0179+0.0975i	0.0038+0.1135i	-1.0752-3.1614i	3.2622+4.2366i	4.7152+10.7000i	-4.0168-4.4719i
74.0	-0.0453+0.2272i	0.1346+0.0942i	0.0181+0.0958i	0.0057+0.1124i	-1.4314-3.1252i	3.4406+4.0748i	5.1355+10.7396i	-4.0549-4.2284i
74.1	-0.0440+0.2162i	0.1286+0.0911i	0.0173+0.0918i	0.0050+0.1098i	-1.5183-3.1646i	3.3649+3.8577i	5.2831+10.3406i	-3.8795-4.2101i
74.2	-0.0452+0.2059i	0.1231+0.0935i	0.0159+0.0900i	0.0027+0.1050i	-1.5959-3.0909i	3.4789+3.7960i	5.3734+10.5109i	-3.4138-4.3809i
74.3	-0.0484+0.1984i	0.1212+0.0870i	0.0141+0.0850i	0.0016+0.0993i	-1.4664-2.8981i	3.2949+3.5253i	5.9912+9.7068i	-3.3890-4.3696i
74.4	-0.0517+0.2010i	0.1175+0.0890i	0.0106+0.0847i	-0.0007+0.1010i	-1.4959-2.6818i	3.3150+3.6318i	5.7773+10.0440i	-3.3515-4.2754i
74.5	-0.0520+0.2024i	0.1076+0.0889i	0.0073+0.0843i	-0.0024+0.1020i	-1.4157-2.9045i	3.4972+3.5068i	5.9704+10.0727i	-3.0917-4.2051i
74.6	-0.0511+0.2026i	0.1024+0.0849i	0.0073+0.0845i	-0.0023+0.1014i	-1.8223-3.0435i	3.5737+3.3001i	6.1387+9.8666i	-3.0259-4.1659i
74.7	-0.0499+0.1938i	0.1004+0.0822i	0.0075+0.0812i	-0.0021+0.0983i	-1.7838-3.0470i	3.3640+3.2206i	6.1382+9.4243i	-2.8000-3.9199i
74.8	-0.0451+0.1885i	0.0979+0.0834i	0.0077+0.0804i	-0.0002+0.0960i	-1.7052-2.7734i	3.3481+3.1546i	6.2479+9.2674i	-2.5951-3.6921i
74.9	-0.0524+0.1835i	0.0950+0.0814i	0.0025+0.0781i	-0.0038+0.0932i	-1.6796-2.7792i	3.2125+3.0646i	6.3020+8.6843i	-2.5369-3.7682i

75.0	-0.0472+0.1825i	0.0848+0.0788i	0.0010+0.0775i	-0.0039+0.0922i	-1.4953-2.7169i	3.1795+3.0251i	6.0985+8.7330i	-2.1946-3.6293i
75.1	-0.0499+0.1739i	0.0849+0.0761i	0.0035+0.0755i	-0.0034+0.0873i	-1.3694-2.9169i	3.2146+3.0318i	5.8558+8.6475i	-1.7469-3.3222i
75.2	-0.0622+0.1737i	0.0864+0.0750i	-0.0002+0.0746i	-0.0062+0.0850i	-1.5750-2.7370i	3.2710+2.8951i	6.2131+8.6823i	-1.6416-3.6049i
75.3	-0.0706+0.1703i	0.0793+0.0741i	-0.0051+0.0724i	-0.0115+0.0843i	-1.6473-2.6650i	3.0524+2.7081i	6.3040+8.5228i	-1.4472-4.0114i
75.4	-0.0680+0.1690i	0.0785+0.0722i	-0.0045+0.0713i	-0.0103+0.0854i	-1.4719-2.5796i	3.1137+2.6421i	6.2694+8.2019i	-1.2966-3.8094i
75.5	-0.0703+0.1642i	0.0724+0.0689i	-0.0078+0.0679i	-0.0129+0.0830i	-1.3566-2.2925i	2.9842+2.4533i	6.5371+7.6786i	-0.9475-4.0147i
75.6	-0.0727+0.1640i	0.0732+0.0657i	-0.0094+0.0676i	-0.0133+0.0811i	-1.5380-2.2184i	3.0448+2.1715i	6.9899+7.6786i	-0.9193-4.3712i
75.7	-0.0771+0.1682i	0.0713+0.0599i	-0.0102+0.0668i	-0.0147+0.0793i	-1.6686-2.2376i	2.9465+2.1189i	6.7739+7.3353i	-0.9590-4.3971i
75.8	-0.0788+0.1656i	0.0654+0.0623i	-0.0128+0.0653i	-0.0171+0.0801i	-1.5521-2.3153i	2.9669+2.2254i	6.4682+7.6002i	-0.7070-4.5547i
75.9	-0.0823+0.1611i	0.0606+0.0604i	-0.0165+0.0629i	-0.0187+0.0791i	-1.2935-2.3797i	2.8707+2.1343i	6.4707+7.4874i	-0.4607-4.7003i
76.0	-0.0895+0.1541i	0.0562+0.0587i	-0.0194+0.0590i	-0.0223+0.0750i	-1.2616-2.4003i	2.8179+1.9604i	6.5542+7.5023i	-0.2604-5.0168i
76.1	-0.0888+0.1500i	0.0524+0.0573i	-0.0195+0.0570i	-0.0236+0.0728i	-1.5000-2.1339i	2.8906+1.8464i	6.3286+7.5603i	-0.0936-5.0114i
76.2	-0.0943+0.1549i	0.0477+0.0547i	-0.0246+0.0583i	-0.0261+0.0747i	-1.7697-2.0260i	2.6786+1.6919i	6.4660+6.9444i	-0.3165-5.2553i
76.3	-0.1052+0.1550i	0.0422+0.0544i	-0.0302+0.0569i	-0.0316+0.0732i	-1.8278-2.0246i	2.7287+1.5963i	6.7722+7.1490i	0.0019-5.9069i
76.4	-0.1103+0.1571i	0.0401+0.0545i	-0.0315+0.0581i	-0.0334+0.0749i	-1.4879-2.1228i	2.6728+1.5858i	6.8359+7.0255i	-0.0922-6.1724i
76.5	-0.1158+0.1515i	0.0331+0.0530i	-0.0349+0.0557i	-0.0355+0.0711i	-1.7098-2.0878i	2.4794+1.5803i	6.5292+7.0660i	-0.0403-6.1313i
76.6	-0.1235+0.1466i	0.0284+0.0520i	-0.0405+0.0537i	-0.0387+0.0691i	-1.4889-1.8877i	2.2924+1.5639i	6.0580+6.8174i	-0.0653-6.1240i
76.7	-0.1380+0.1574i	0.0230+0.0530i	-0.0478+0.0576i	-0.0457+0.0729i	-1.3606-1.8068i	2.0681+1.4951i	6.1344+6.4165i	-0.6112-6.4874i
76.8	-0.1474+0.1632i	0.0149+0.0575i	-0.0534+0.0598i	-0.0516+0.0746i	-1.3096-1.6454i	2.0884+1.4443i	6.3070+6.5430i	-0.6529-6.8764i
76.9	-0.1579+0.1678i	0.0065+0.0578i	-0.0596+0.0611i	-0.0567+0.0767i	-1.2968-1.7780i	2.0622+1.3998i	6.1184+7.0127i	-0.6396-7.2051i
77.0	-0.1675+0.1701i	0.0052+0.0617i	-0.0638+0.0620i	-0.0589+0.0784i	-1.3090-1.7852i	1.8997+1.3041i	6.4414+6.7111i	-0.7938-7.3520i
77.1	-0.1778+0.1658i	0.0037+0.0638i	-0.0682+0.0612i	-0.0619+0.0764i	-1.2838-1.8300i	1.8401+1.3648i	6.3168+6.8489i	-0.7605-7.4176i
77.2	-0.1846+0.1692i	-0.0019+0.0633i	-0.0723+0.0627i	-0.0663+0.0747i	-1.1408-2.0473i	1.6420+1.3525i	6.2316+6.2759i	-0.8863-7.7235i
77.3	-0.1856+0.1800i	-0.0051+0.0667i	-0.0738+0.0672i	-0.0687+0.0790i	-1.1589-1.8486i	1.5107+1.3688i	6.1808+6.3727i	-1.1421-7.5838i
77.4	-0.1881+0.1885i	-0.0080+0.0722i	-0.0756+0.0718i	-0.0703+0.0838i	-1.3746-1.7375i	1.5629+1.3248i	6.5319+6.6420i	-1.2240-7.6898i
77.5	-0.1868+0.1987i	-0.0079+0.0760i	-0.0766+0.0778i	-0.0685+0.0887i	-1.0979-1.6197i	1.4787+1.2168i	6.7588+6.3870i	-1.5491-7.6735i
77.6	-0.2194+0.2068i	-0.0177+0.0769i	-0.0906+0.0789i	-0.0821+0.0899i	-1.1770-1.7960i	1.3283+1.3714i	6.4166+6.5257i	-1.6321-8.1084i
77.7	-0.2176+0.2150i	-0.0225+0.0789i	-0.0914+0.0818i	-0.0849+0.0927i	-1.2496-1.5385i	1.2337+1.4185i	6.2970+6.4530i	-1.6427-7.9470i
77.8	-0.2026+0.2206i	-0.0204+0.0806i	-0.0860+0.0859i	-0.0782+0.0956i	-0.9640-1.3883i	1.0752+1.4035i	6.2599+6.1038i	-1.6814-7.4377i
77.9	-0.2109+0.2311i	-0.0231+0.0877i	-0.0894+0.0922i	-0.0827+0.1000i	-0.7724-1.4841i	1.0217+1.4563i	6.3941+6.1401i	-1.7745-7.5157i
78.0	-0.2182+0.2417i	-0.0233+0.0932i	-0.0914+0.0984i	-0.0860+0.1048i	-0.7721-1.6045i	1.0522+1.4960i	6.3892+6.2695i	-1.7903-7.6111i
78.1	-0.2177+0.2782i	-0.0234+0.1054i	-0.0938+0.1139i	-0.0855+0.1203i	-0.8436-1.4621i	1.0610+1.5211i	6.5113+6.1421i	-2.2938-7.7588i
78.2	-0.2299+0.2871i	-0.0284+0.1097i	-0.1004+0.1169i	-0.0919+0.1243i	-1.0113-1.6772i	0.9373+1.6303i	6.4788+6.1193i	-2.2846-8.0408i
78.3	-0.2171+0.2989i	-0.0263+0.1125i	-0.0942+0.1235i	-0.0875+0.1289i	-0.3989-1.7191i	0.8094+1.6596i	6.4751+5.9757i	-2.5805-7.8059i
78.4	-0.2142+0.3177i	-0.0248+0.1228i	-0.0939+0.1328i	-0.0857+0.1373i	-0.4510-1.6568i	0.8386+1.6989i	6.6547+6.1076i	-2.7211-7.9554i
78.5	-0.2063+0.3379i	-0.0230+0.1267i	-0.0900+0.1417i	-0.0830+0.1443i	-0.6361-1.7955i	0.8246+1.6688i	6.7244+6.0856i	-2.9077-8.0197i
78.6	-0.1862+0.3504i	-0.0157+0.1323i	-0.0796+0.1481i	-0.0753+0.1506i	-0.6751-1.6930i	0.7543+1.6410i	6.9123+5.7125i	-3.1581-7.7529i
78.7	-0.1826+0.3631i	-0.0112+0.1364i	-0.0781+0.1542i	-0.0751+0.1565i	-0.6419-1.2975i	0.7814+1.7615i	6.8259+5.6936i	-3.3753-7.6943i
78.8	-0.1855+0.3794i	-0.0130+0.1453i	-0.0810+0.1618i	-0.0779+0.1646i	-0.6805-1.3725i	0.7100+1.9330i	6.7686+6.0168i	-3.4777-7.9365i
78.9	-0.1738+0.3865i	-0.0112+0.1483i	-0.0787+0.1645i	-0.0722+0.1697i	-0.4821-1.4168i	0.6587+1.9263i	6.8484+6.2423i	-3.6081-7.8596i
79.0	-0.1548+0.4008i	-0.0046+0.1555i	-0.0716+0.1710i	-0.0638+0.1765i	-0.4728-1.6026i	0.7105+1.9962i	7.3771+6.4310i	-3.7743-7.8359i
79.1	-0.1329+0.3946i	0.0075+0.1489i	-0.0581+0.1693i	-0.0534+0.1710i	-0.5289-1.4924i	0.6441+1.8407i	7.4219+5.4409i	-3.8361-7.5661i
79.2	-0.1348+0.4132i	0.0117+0.1570i	-0.0557+0.1778i	-0.0531+0.1791i	-0.8628-1.8250i	0.7243+1.9817i	7.5646+5.4696i	-4.0686-8.0509i
79.3	-0.1128+0.4171i	0.0231+0.1549i	-0.0452+0.1792i	-0.0423+0.1816i	-0.7299-1.5518i	0.7419+1.9713i	7.3947+5.2938i	-4.4756-7.7671i
79.4	-0.0963+0.4167i	0.0301+0.1457i	-0.0383+0.1753i	-0.0344+0.1791i	-0.8649-1.4997i	0.7258+1.9715i	7.1805+4.9210i	-4.5099-7.4803i
79.5	-0.0992+0.4156i	0.0273+0.1421i	-0.0388+0.1734i	-0.0378+0.1782i	-1.0633-1.4527i	0.7057+2.1004i	7.3257+5.0336i	-4.3313-7.4793i
79.6	-0.0903+0.4227i	0.0308+0.1446i	-0.0352+0.1759i	-0.0338+0.1822i	-0.9766-1.6093i	0.6808+2.1424i	7.4224+4.9488i	-4.5188-7.4084i
79.7	-0.0687+0.4232i	0.0336+0.1422i	-0.0278+0.1757i	-0.0252+0.1816i	-0.7298-1.5827i	0.7227+2.0775i	7.4097+4.8976i	-4.7126-7.2560i
79.8	-0.0536+0.4168i	0.0359+0.1365i	-0.0215+0.1737i	-0.0181+0.1783i	-0.5444-1.5840i	0.7330+2.1196i	7.2317+4.8069i	-4.8326-6.9840i
79.9	-0.0428+0.4190i	0.0347+0.1350i	-0.0195+0.1723i	-0.0144+0.1785i	-0.4941-1.6527i	0.6678+2.1479i	7.2053+4.6519i	-4.9633-6.7658i
80.0	-0.0393+0.4193i	0.0330+0.1346i	-0.0189+0.1719i	-0.0158+0.1769i	-0.4235-1.3750i	0.6100+2.2117i	7.1242+4.5428i	-4.8763-6.7445i

1.1.15 Run 4 – IP050-200 – NF and AF gauges

In-plane shaking at 50° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.1646+0.0000i	-0.1795+0.0000i	1.1811+0.0000i	2.0852+0.0000i	0.0606+0.0000i	-0.0414+0.0000i	0.0474+0.0000i	0.1060+0.0000i
0.1	0.3205+0.0645i	-0.3248-0.0498i	1.1435-0.0281i	1.6672-0.1524i	0.0748+0.0051i	-0.0108+0.0110i	0.0700+0.0078i	0.1248+0.0092i
0.2	1.3269-0.0518i	-1.2991+0.0009i	0.8358-0.0013i	-0.7583-0.0168i	0.1733+0.0010i	0.1762-0.0002i	0.2039-0.0053i	0.2770+0.0016i
0.3	1.4808-0.0646i	-1.4434+0.0356i	0.6571+0.0691i	-0.6346-0.0733i	0.1924+0.0032i	0.1958+0.0024i	0.2067-0.0115i	0.3144-0.0016i
0.4	1.2635-0.2167i	-1.2414+0.2164i	0.8462+0.2660i	-0.8986-0.2673i	0.1669-0.0219i	0.1714-0.0173i	0.1956-0.0181i	0.2559-0.0995i
0.5	0.7074-0.1283i	-0.6862+0.0987i	1.5468+0.0848i	-1.4183-0.1259i	0.0966-0.0122i	0.0998-0.0062i	0.1762+0.0083i	0.1024-0.0458i
0.6	0.8326-0.0305i	-0.7827+0.0193i	1.4254+0.0221i	-1.3289-0.0197i	0.1144-0.0013i	0.1151+0.0012i	0.1793+0.0100i	0.1302-0.0174i
0.7	0.8697-0.0189i	-0.8307+0.0081i	1.3662+0.0044i	-1.2664-0.0053i	0.1220-0.0003i	0.1202+0.0011i	0.1819+0.0059i	0.1462-0.0079i
0.8	0.8268-0.0021i	-0.7950-0.0102i	1.3876-0.0113i	-1.2829+0.0121i	0.1181+0.0026i	0.1158+0.0023i	0.1809+0.0077i	0.1332-0.0044i
0.9	0.8766+0.1631i	-0.7816-0.1522i	1.2725-0.1586i	-1.1166+0.1687i	0.1313+0.0267i	0.1261+0.0255i	0.1953+0.0175i	0.1562+0.0483i
1.0	0.9892+0.1448i	-0.8363-0.1471i	1.1021-0.1263i	-0.8921+0.1242i	0.1531+0.0229i	0.1459+0.0226i	0.2071+0.0105i	0.2030+0.0466i
1.1	1.0695+0.0412i	-0.9847-0.0477i	1.1361-0.0564i	-0.9982+0.0631i	0.1577+0.0091i	0.1543+0.0087i	0.2055+0.0017i	0.2144+0.0173i
1.2	1.1427+0.0023i	-1.1683-0.0239i	1.2553-0.0047i	-1.2316-0.0070i	0.1583+0.0019i	0.1591+0.0019i	0.2055-0.0009i	0.2148+0.0034i
1.3	1.1171-0.0099i	-1.1354-0.0063i	1.2669-0.0113i	-1.2286+0.0009i	0.1585+0.0009i	0.1585+0.0007i	0.2063-0.0008i	0.2136+0.0023i
1.4	1.1084+0.0093i	-1.1129-0.0170i	1.2898-0.0308i	-1.2399+0.0234i	0.1597+0.0037i	0.1586+0.0036i	0.2094+0.0017i	0.2140+0.0071i
1.5	1.1427+0.0111i	-1.1395-0.0218i	1.2904-0.0636i	-1.2322+0.0507i	0.1678+0.0050i	0.1662+0.0053i	0.2172+0.0017i	0.2298+0.0108i
1.6	1.1532-0.0076i	-1.1520-0.0005i	1.3005-0.0696i	-1.2376+0.0533i	0.1738+0.0018i	0.1724+0.0022i	0.2236+0.0008i	0.2417+0.0041i
1.7	1.1562-0.0112i	-1.1543+0.0075i	1.3269-0.0851i	-1.2580+0.0677i	0.1785-0.0006i	0.1770-0.0002i	0.2310-0.0004i	0.2489-0.0003i
1.8	1.1739-0.0203i	-1.1685+0.0197i	1.3677-0.1435i	-1.2938+0.1191i	0.1881-0.0035i	0.1863-0.0028i	0.2447-0.0011i	0.2646-0.0078i
1.9	1.2028-0.0183i	-1.1917+0.0208i	1.3613-0.2403i	-1.2894+0.2070i	0.2001-0.0047i	0.1981-0.0030i	0.2627+0.0008i	0.2835-0.0119i
2.0	1.2659-0.0217i	-1.2438+0.0267i	1.2244-0.3139i	-1.1705+0.2728i	0.2235-0.0076i	0.2225-0.0053i	0.3018-0.0013i	0.3188-0.0186i
2.1	1.4142-0.0462i	-1.3717+0.0454i	1.0397-0.2611i	-1.0051+0.2282i	0.2812-0.0168i	0.2816-0.0146i	0.3939-0.0170i	0.4057-0.0339i
2.2	1.6095-0.1396i	-1.5497+0.1279i	1.0017-0.1964i	-0.9712+0.1713i	0.3605-0.0534i	0.3611-0.0514i	0.5129-0.0733i	0.5286-0.0909i
2.3	1.4257-0.4789i	-1.3844+0.4385i	0.9946-0.1482i	-0.9639+0.1312i	0.2878-0.1913i	0.2891-0.1891i	0.4058-0.2782i	0.4111-0.3065i
2.4	0.4738-0.2192i	-0.5126+0.2035i	1.0383-0.0631i	-0.9943+0.0577i	-0.0992-0.0878i	-0.0973-0.0874i	-0.1671-0.1272i	-0.1970-0.1392i
2.5	0.6793-0.0565i	-0.6993+0.0524i	1.0523-0.0508i	-1.0082+0.0449i	-0.0174-0.0215i	-0.0162-0.0218i	-0.0459-0.0298i	-0.0673-0.0359i
2.6	0.8123-0.0288i	-0.8217+0.0276i	1.0744-0.0459i	-1.0277+0.0394i	0.0364-0.0108i	0.0371-0.0111i	0.0334-0.0149i	0.0173-0.0188i
2.7	0.8673-0.0146i	-0.8723+0.0141i	1.0873-0.0395i	-1.0380+0.0343i	0.0587-0.0052i	0.0594-0.0055i	0.0665-0.0075i	0.0524-0.0092i
2.8	0.9074-0.0089i	-0.9080+0.0076i	1.0941-0.0361i	-1.0440+0.0312i	0.0736-0.0034i	0.0740-0.0037i	0.0879-0.0059i	0.0759-0.0058i
2.9	0.9431-0.0079i	-0.9411+0.0044i	1.1010-0.0342i	-1.0503+0.0275i	0.0849-0.0030i	0.0852-0.0031i	0.1026-0.0059i	0.0946-0.0046i
3.0	0.9673-0.0102i	-0.9633+0.0069i	1.1093-0.0242i	-1.0587+0.0180i	0.0926-0.0022i	0.0929-0.0023i	0.1126-0.0037i	0.1075-0.0041i
3.1	0.9800-0.0116i	-0.9754+0.0091i	1.1195-0.0199i	-1.0679+0.0152i	0.0977-0.0024i	0.0978-0.0026i	0.1203-0.0037i	0.1150-0.0048i
3.2	0.9931-0.0084i	-0.9880+0.0052i	1.1287-0.0192i	-1.0756+0.0138i	0.1021-0.0016i	0.1021-0.0019i	0.1268-0.0032i	0.1218-0.0033i
3.3	1.0061-0.0096i	-1.0015+0.0071i	1.1353-0.0169i	-1.0831+0.0121i	0.1059-0.0016i	0.1059-0.0018i	0.1317-0.0029i	0.1279-0.0032i
3.4	1.0160-0.0120i	-1.0119+0.0105i	1.1437-0.0120i	-1.0913+0.0076i	0.1090-0.0015i	0.1091-0.0017i	0.1362-0.0021i	0.1327-0.0035i
3.5	1.0242-0.0134i	-1.0179+0.0121i	1.1517-0.0137i	-1.0979+0.0091i	0.1115-0.0016i	0.1115-0.0019i	0.1399-0.0022i	0.1360-0.0042i
3.6	1.0314-0.0142i	-1.0227+0.0132i	1.1590-0.0127i	-1.1039+0.0102i	0.1139-0.0017i	0.1137-0.0019i	0.1434-0.0023i	0.1397-0.0042i
3.7	1.0396-0.0111i	-1.0305+0.0102i	1.1659-0.0118i	-1.1092+0.0086i	0.1163-0.0012i	0.1159-0.0015i	0.1468-0.0018i	0.1430-0.0033i
3.8	1.0468-0.0116i	-1.0381+0.0103i	1.1718-0.0110i	-1.1153+0.0076i	0.1180-0.0014i	0.1178-0.0016i	0.1494-0.0019i	0.1454-0.0035i
3.9	1.0555-0.0127i	-1.0461+0.0115i	1.1794-0.0122i	-1.1218+0.0086i	0.1200-0.0016i	0.1197-0.0018i	0.1522-0.0022i	0.1486-0.0039i
4.0	1.0640-0.0131i	-1.0538+0.0123i	1.1841-0.0124i	-1.1250+0.0082i	0.1218-0.0016i	0.1214-0.0017i	0.1548-0.0022i	0.1515-0.0038i
4.1	1.0716-0.0125i	-1.0605+0.0122i	1.1908-0.0101i	-1.1313+0.0055i	0.1234-0.0015i	0.1230-0.0016i	0.1570-0.0019i	0.1538-0.0035i
4.2	1.0795-0.0132i	-1.0681+0.0129i	1.1978-0.0100i	-1.1388+0.0063i	0.1250-0.0015i	0.1246-0.0017i	0.1594-0.0022i	0.1561-0.0039i
4.3	1.0877-0.0139i	-1.0764+0.0140i	1.2068-0.0111i	-1.1455+0.0072i	0.1268-0.0018i	0.1264-0.0018i	0.1617-0.0025i	0.1587-0.0047i
4.4	1.0959-0.0145i	-1.0844+0.0155i	1.2132-0.0109i	-1.1513+0.0073i	0.1286-0.0020i	0.1280-0.0021i	0.1643-0.0029i	0.1613-0.0047i
4.5	1.1046-0.0143i	-1.0922+0.0148i	1.2205-0.0100i	-1.1570+0.0067i	0.1301-0.0019i	0.1295-0.0020i	0.1666-0.0028i	0.1634-0.0043i
4.6	1.1127-0.0155i	-1.0994+0.0149i	1.2296-0.0104i	-1.1648+0.0069i	0.1316-0.0020i	0.1310-0.0021i	0.1689-0.0028i	0.1654-0.0047i
4.7	1.1214-0.0179i	-1.1070+0.0176i	1.2379-0.0117i	-1.1725+0.0083i	0.1332-0.0024i	0.1326-0.0025i	0.1711-0.0033i	0.1677-0.0052i
4.8	1.1305-0.0180i	-1.1146+0.0188i	1.2442-0.0109i	-1.1785+0.0078i	0.1348-0.0024i	0.1342-0.0025i	0.1734-0.0033i	0.1698-0.0054i
4.9	1.1397-0.0180i	-1.1226+0.0188i	1.2525-0.0101i	-1.1848+0.0076i	0.1366-0.0023i	0.1359-0.0026i	0.1758-0.0034i	0.1719-0.0055i
5.0	1.1506-0.0199i	-1.1321+0.0208i	1.2637-0.0124i	-1.1936+0.0082i	0.1385-0.0030i	0.1376-0.0034i	0.1783-0.0043i	0.1741-0.0067i
5.1	1.1603-0.0216i	-1.1415+0.0230i	1.2713-0.0131i	-1.2004+0.0079i	0.1401-0.0034i	0.1390-0.0037i	0.1804-0.0052i	0.1766-0.0065i
5.2	1.1714-0.0229i	-1.1513+0.0242i	1.2813-0.0151i	-1.2088+0.0089i	0.1419-0.0038i	0.1409-0.0039i	0.1833-0.0059i	0.1789-0.0069i
5.3	1.1835-0.0245i	-1.1603+0.0267i	1.2910-0.0153i	-1.2163+0.0117i	0.1439-0.0042i	0.1427-0.0040i	0.1860-0.0064i	0.1813-0.0079i
5.4	1.1965-0.0276i	-1.1705+0.0292i	1.3002-0.0161i	-1.2215+0.0123i	0.1458-0.0051i	0.1447-0.0050i	0.1885-0.0077i	0.1844-0.0095i
5.5	1.2096-0.0304i	-1.1799+0.0296i	1.3082-0.0158i	-1.2270+0.0107i	0.1476-0.0061i	0.1466-0.0060i	0.1911-0.0090i	0.1869-0.0109i
5.6	1.2241-0.0327i	-1.1915+0.0313i	1.3179-0.0152i	-1.2344+0.0103i	0.1498-0.0069i	0.1488-0.0068i	0.1944-0.0102i	0.1904-0.0117i

5.7	1.2390−0.0395i	−1.2047+0.0364i	1.3291−0.0180i	−1.2424+0.0119i	0.1520−0.0084i	0.1509−0.0083i	0.1974−0.0125i	0.1935−0.0145i
5.8	1.2545−0.0462i	−1.2177+0.0423i	1.3389−0.0213i	−1.2476+0.0126i	0.1544−0.0102i	0.1532−0.0099i	0.2005−0.0149i	0.1963−0.0173i
5.9	1.2646−0.0550i	−1.2263+0.0486i	1.3513−0.0226i	−1.2546+0.0127i	0.1556−0.0123i	0.1544−0.0120i	0.2021−0.0182i	0.1980−0.0205i
6.0	1.2744−0.0599i	−1.2323+0.0517i	1.3626−0.0223i	−1.2632+0.0107i	0.1561−0.0133i	0.1549−0.0128i	0.2026−0.0193i	0.1984−0.0220i
6.1	1.2924−0.0649i	−1.2440+0.0549i	1.3780−0.0250i	−1.2717+0.0120i	0.1573−0.0141i	0.1559−0.0140i	0.2042−0.0207i	0.1988−0.0233i
6.2	1.3058−0.0659i	−1.2523+0.0565i	1.3899−0.0262i	−1.2785+0.0128i	0.1585−0.0142i	0.1569−0.0137i	0.2056−0.0207i	0.2001−0.0231i
6.3	1.3250−0.0738i	−1.2654+0.0607i	1.4055−0.0283i	−1.2856+0.0125i	0.1610−0.0154i	0.1594−0.0147i	0.2090−0.0226i	0.2034−0.0251i
6.4	1.3582−0.0832i	−1.2854+0.0631i	1.4250−0.0307i	−1.2909+0.0086i	0.1647−0.0163i	0.1634−0.0163i	0.2145−0.0240i	0.2082−0.0266i
6.5	1.3847−0.0894i	−1.3003+0.0654i	1.4416−0.0334i	−1.2938+0.0049i	0.1677−0.0173i	0.1659−0.0170i	0.2185−0.0255i	0.2116−0.0281i
6.6	1.4216−0.1074i	−1.3218+0.0742i	1.4659−0.0400i	−1.2978−0.0013i	0.1718−0.0201i	0.1699−0.0192i	0.2237−0.0293i	0.2171−0.0314i
6.7	1.4532−0.1292i	−1.3366+0.0820i	1.4854−0.0475i	−1.2990−0.0071i	0.1749−0.0224i	0.1726−0.0215i	0.2277−0.0327i	0.2214−0.0349i
6.8	1.5108−0.1670i	−1.3609+0.0946i	1.5177−0.0645i	−1.2973−0.0190i	0.1811−0.0267i	0.1785−0.0256i	0.2356−0.0383i	0.2300−0.0413i
6.9	1.5703−0.2574i	−1.3864+0.1240i	1.5552−0.1025i	−1.2928−0.0494i	0.1861−0.0376i	0.1837−0.0356i	0.2422−0.0528i	0.2364−0.0559i
7.0	1.6393−0.4078i	−1.4161+0.1634i	1.5937−0.1635i	−1.2823−0.1088i	0.1928−0.0550i	0.1905−0.0517i	0.2517−0.0760i	0.2444−0.0799i
7.1	1.5386−0.6074i	−1.3987+0.2101i	1.5627−0.2543i	−1.3432−0.1905i	0.1800−0.0746i	0.1787−0.0700i	0.2345−0.1015i	0.2263−0.1066i
7.2	1.2210−0.6548i	−1.3382+0.2152i	1.4302−0.2838i	−1.5006−0.2149i	0.1467−0.0754i	0.1481−0.0710i	0.1912−0.1020i	0.1795−0.1060i
7.3	1.0851−0.5108i	−1.3349+0.1838i	1.3709−0.2186i	−1.5888−0.1552i	0.1369−0.0587i	0.1390−0.0559i	0.1789−0.0804i	0.1660−0.0826i
7.4	1.0391−0.3966i	−1.3377+0.1653i	1.3599−0.1643i	−1.6335−0.1022i	0.1336−0.0469i	0.1361−0.0455i	0.1753−0.0658i	0.1612−0.0673i
7.5	1.0791−0.2288i	−1.3662+0.1290i	1.3887−0.0919i	−1.6501−0.0276i	0.1391−0.0302i	0.1414−0.0297i	0.1825−0.0439i	0.1698−0.0445i
7.6	1.1466−0.1727i	−1.4010+0.1226i	1.4227−0.0680i	−1.6444+0.0025i	0.1475−0.0256i	0.1492−0.0255i	0.1942−0.0378i	0.1809−0.0379i
7.7	1.2538−0.1753i	−1.4582+0.1401i	1.4741−0.0638i	−1.6407+0.0192i	0.1613−0.0272i	0.1617−0.0270i	0.2119−0.0402i	0.1983−0.0402i
7.8	1.2948−0.1953i	−1.4857+0.1652i	1.5008−0.0632i	−1.6549+0.0230i	0.1656−0.0316i	0.1660−0.0315i	0.2176−0.0466i	0.2034−0.0461i
7.9	1.3094−0.2167i	−1.5033+0.1918i	1.5179−0.0673i	−1.6744+0.0317i	0.1668−0.0354i	0.1676−0.0356i	0.2196−0.0526i	0.2046−0.0508i
8.0	1.3244−0.2149i	−1.5209+0.2115i	1.5338−0.0633i	−1.6892+0.0521i	0.1689−0.0365i	0.1697−0.0369i	0.2233−0.0553i	0.2073−0.0515i
8.1	1.3575−0.2194i	−1.5532+0.2227i	1.5525−0.0556i	−1.7073+0.0538i	0.1741−0.0384i	0.1741−0.0383i	0.2297−0.0577i	0.2150−0.0546i
8.2	1.3722−0.2176i	−1.5748+0.2285i	1.5659−0.0549i	−1.7265+0.0586i	0.1767−0.0387i	0.1764−0.0383i	0.2323−0.0583i	0.2183−0.0545i
8.3	1.4318−0.2191i	−1.6392+0.2465i	1.6055−0.0533i	−1.7716+0.0754i	0.1841−0.0387i	0.1840−0.0391i	0.2430−0.0599i	0.2272−0.0549i
8.4	1.4748−0.2334i	−1.6778+0.2777i	1.6271−0.0575i	−1.7941+0.0956i	0.1898−0.0412i	0.1897−0.0422i	0.2507−0.0642i	0.2342−0.0580i
8.5	1.5445−0.2611i	−1.7602+0.3236i	1.6583−0.0573i	−1.8403+0.1157i	0.2007−0.0460i	0.2003−0.0479i	0.2654−0.0716i	0.2482−0.0635i
8.6	1.5724−0.3314i	−1.7848+0.4213i	1.6676−0.0782i	−1.8464+0.1699i	0.2051−0.0570i	0.2043−0.0584i	0.2703−0.0872i	0.2549−0.0774i
8.7	1.5767−0.3714i	−1.7828+0.4743i	1.6558−0.0691i	−1.8245+0.1799i	0.2091−0.0643i	0.2077−0.0653i	0.2752−0.0971i	0.2615−0.0881i
8.8	1.5971−0.4041i	−1.8044+0.5230i	1.6622−0.0416i	−1.8329+0.1712i	0.2132−0.0734i	0.2118−0.0740i	0.2809−0.1104i	0.2677−0.1006i
8.9	1.6583−0.4981i	−1.8790+0.6537i	1.6909+0.0031i	−1.8798+0.1734i	0.2226−0.0943i	0.2207−0.0945i	0.2930−0.1392i	0.2807−0.1311i
9.0	1.6633−0.6373i	−1.8811+0.8412i	1.7365+0.0399i	−1.9226+0.2018i	0.2204−0.1211i	0.2180−0.1218i	0.2895−0.1763i	0.2750−0.1703i
9.1	1.6046−0.7115i	−1.7988+0.9499i	1.7936+0.0569i	−1.9490+0.2265i	0.2072−0.1363i	0.2046−0.1366i	0.2710−0.1964i	0.2545−0.1907i
9.2	1.5909−0.8753i	−1.7750+1.1890i	1.8454+0.0964i	−1.9823+0.2846i	0.2025−0.1696i	0.1995−0.1696i	0.2649−0.2426i	0.2470−0.2373i
9.3	1.2930−1.1292i	−1.3497+1.5535i	1.9727+0.1427i	−1.9482+0.3762i	0.1401−0.2184i	0.1366−0.2178i	0.1802−0.3097i	0.1541−0.3042i
9.4	0.9182−1.0094i	−0.8180+1.3966i	2.1042+0.1012i	−1.8745+0.3648i	0.0656−0.1931i	0.0617−0.1920i	0.0785−0.2765i	0.0466−0.2646i
9.5	0.8008−0.7140i	−0.6426+0.9906i	2.1775+0.0249i	−1.8674+0.3011i	0.0423−0.1349i	0.0384−0.1331i	0.0474−0.1980i	0.0130−0.1792i
9.6	0.8205−0.4910i	−0.6562+0.6787i	2.2209−0.0382i	−1.9005+0.2513i	0.0443−0.0914i	0.0411−0.0888i	0.0499−0.1387i	0.0164−0.1154i
9.7	0.9205−0.3248i	−0.7741+0.4500i	2.2580−0.0911i	−1.9658+0.2238i	0.0607−0.0591i	0.0582−0.0564i	0.0709−0.0967i	0.0415−0.0667i
9.8	0.9907−0.2677i	−0.8637+0.3700i	2.2807−0.1197i	−2.0085+0.2227i	0.0733−0.0479i	0.0704−0.0452i	0.0875−0.0824i	0.0597−0.0495i
9.9	1.0914−0.2129i	−0.9849+0.2978i	2.3228−0.1579i	−2.0753+0.2294i	0.0899−0.0370i	0.0876−0.0342i	0.1100−0.0682i	0.0838−0.0344i
10.0	1.1531−0.1835i	−1.0651+0.2575i	2.3554−0.1768i	−2.1259+0.2301i	0.1003−0.0310i	0.0978−0.0286i	0.1232−0.0610i	0.0985−0.0254i
10.1	1.2092−0.1614i	−1.1296+0.2246i	2.3950−0.1902i	−2.1821+0.2334i	0.1094−0.0265i	0.1070−0.0240i	0.1353−0.0562i	0.1101−0.0175i
10.2	1.2873−0.1451i	−1.2255+0.2091i	2.4512−0.2164i	−2.2519+0.2525i	0.1217−0.0241i	0.1193−0.0212i	0.1509−0.0545i	0.1287−0.0115i
10.3	1.3420−0.1413i	−1.2905+0.2102i	2.5018−0.2378i	−2.3088+0.2772i	0.1295−0.0234i	0.1271−0.0209i	0.1601−0.0559i	0.1404−0.0094i
10.4	1.3909−0.1403i	−1.3387+0.2067i	2.5543−0.2659i	−2.3700+0.3046i	0.1363−0.0224i	0.1341−0.0201i	0.1680−0.0567i	0.1501−0.0059i
10.5	1.4217−0.1353i	−1.3685+0.2020i	2.5959−0.2861i	−2.4096+0.3204i	0.1400−0.0208i	0.1378−0.0186i	0.1722−0.0557i	0.1564−0.0026i
10.6	1.4678−0.1196i	−1.4099+0.1858i	2.6536−0.3121i	−2.4601+0.3352i	0.1453−0.0184i	0.1432−0.0152i	0.1769−0.0534i	0.1664+0.0023i
10.7	1.5216−0.1172i	−1.4676+0.1762i	2.7282−0.3663i	−2.5381+0.3719i	0.1524−0.0170i	0.1507−0.0129i	0.1847−0.0553i	0.1789+0.0092i
10.8	1.5783−0.1154i	−1.5303+0.1722i	2.7975−0.3927i	−2.6151+0.3958i	0.1604−0.0155i	0.1583−0.0120i	0.1923−0.0533i	0.1913+0.0120i
10.9	1.6278−0.1105i	−1.5818+0.1653i	2.8586−0.4159i	−2.6816+0.4179i	0.1673−0.0145i	0.1651−0.0109i	0.1983−0.0537i	0.2016+0.0152i
11.0	1.6758−0.0985i	−1.6333+0.1567i	2.9482−0.4492i	−2.7756+0.4503i	0.1736−0.0129i	0.1717−0.0092i	0.2041−0.0535i	0.2124+0.0185i
11.1	1.7465−0.0930i	−1.7112+0.1519i	3.0416−0.5105i	−2.8675+0.5039i	0.1828−0.0123i	0.1803−0.0089i	0.2104−0.0551i	0.2291+0.0203i
11.2	1.8052−0.1096i	−1.7748+0.1650i	3.1053−0.5442i	−2.9304+0.5366i	0.1904−0.0135i	0.1875−0.0102i	0.2175−0.0552i	0.2415+0.0174i
11.3	1.8820−0.0897i	−1.8515+0.1350i	3.2177−0.5545i	−3.0387+0.5455i	0.1994−0.0112i	0.1969−0.0083i	0.2249−0.0521i	0.2572+0.0177i
11.4	1.9877−0.0740i	−1.9641+0.1236i	3.3547−0.5997i	−3.1830+0.5904i	0.2110−0.0101i	0.2084−0.0067i	0.2339−0.0481i	0.2753+0.0169i
11.5	2.0719−0.1015i	−2.0539+0.1510i	3.4716−0.6623i	−3.3033+0.6526i	0.2203−0.0121i	0.2183−0.0082i	0.2431−0.0478i	0.2904+0.0132i
11.6	2.1721−0.1194i	−2.1567+0.1776i	3.5955−0.7557i	−3.4233+0.7444i	0.2324−0.0136i	0.2305−0.0095i	0.2536−0.0450i	0.3108+0.0060i
11.7	2.2947−0.1325i	−2.2842+0.1949i	3.7051−0.8032i	−3.5303+0.7984i	0.2462−0.0154i	0.2449−0.0113i	0.2676−0.0413i	0.3305−0.0020i
11.8	2.4110−0.2138i	−2.4052+0.2789i	3.8733−0.8589i	−3.6965+0.8619i	0.2591−0.0232i	0.2567−0.0198i	0.2886−0.0442i	0.3406−0.0180i
11.9	2.4861−0.3222i	−2.4779+0.4004i	4.0430−0.9606i	−3.8513+0.9640i	0.2688−0.0342i	0.2665−0.0314i	0.3081−0.0565i	0.3476−0.0337i

12.0	2.5651-0.3457i	-2.5586+0.4297i	4.2331-0.9901i	-4.0315+0.9931i	0.2788-0.0372i	0.2769-0.0346i	0.3245-0.0607i	0.3556-0.0372i
12.1	2.6531-0.4205i	-2.6429+0.5180i	4.5186-1.1535i	-4.2997+1.1645i	0.2900-0.0450i	0.2869-0.0422i	0.3414-0.0737i	0.3658-0.0430i
12.2	2.7090-0.4483i	-2.6915+0.5519i	4.7284-1.3265i	-4.4982+1.3307i	0.2980-0.0489i	0.2932-0.0446i	0.3494-0.0830i	0.3785-0.0441i
12.3	2.7988-0.4617i	-2.7778+0.5634i	4.9485-1.4298i	-4.7053+1.4198i	0.3093-0.0510i	0.3037-0.0457i	0.3649-0.0889i	0.3915-0.0436i
12.4	2.9232-0.5100i	-2.9037+0.6147i	5.2620-1.6668i	-4.9998+1.6465i	0.3240-0.0570i	0.3179-0.0504i	0.3816-0.1002i	0.4093-0.0471i
12.5	3.1049-0.5653i	-3.0836+0.6876i	5.7263-2.0232i	-5.4465+1.9950i	0.3446-0.0649i	0.3377-0.0568i	0.4027-0.1186i	0.4398-0.0494i
12.6	3.3217-0.6313i	-3.2936+0.7657i	6.2419-2.3913i	-5.9427+2.3417i	0.3686-0.0738i	0.3615-0.0643i	0.4273-0.1397i	0.4733-0.0506i
12.7	3.5152-0.7048i	-3.4841+0.8467i	6.6337-2.8681i	-6.3166+2.7935i	0.3910-0.0829i	0.3834-0.0717i	0.4453-0.1553i	0.5091-0.0580i
12.8	3.7450-0.8397i	-3.7042+0.9993i	7.0408-3.4560i	-6.7110+3.3655i	0.4166-0.1002i	0.4093-0.0874i	0.4657-0.1767i	0.5521-0.0786i
12.9	3.9992-1.0054i	-3.9468+1.1753i	7.4830-4.1260i	-7.1294+4.0204i	0.4441-0.1207i	0.4374-0.1071i	0.4831-0.2008i	0.6028-0.1068i
13.0	4.3349-1.2715i	-4.2543+1.4547i	8.0959-5.1263i	-7.7144+4.9772i	0.4791-0.1526i	0.4744-0.1365i	0.5097-0.2367i	0.6632-0.1537i
13.1	4.6258-1.5424i	-4.5351+1.7431i	8.7104-6.1466i	-8.2947+5.9588i	0.5105-0.1855i	0.5050-0.1669i	0.5378-0.2719i	0.7084-0.2010i
13.2	4.9850-2.1008i	-4.8701+2.3191i	9.4990-8.3490i	-9.0527+8.0718i	0.5477-0.2490i	0.5432-0.2274i	0.5661-0.3344i	0.7689-0.2964i
13.3	5.3307-2.6753i	-5.1842+2.9134i	10.1601-10.7745i	-9.6962+10.4026i	0.5836-0.3162i	0.5804-0.2886i	0.5938-0.4048i	0.8258-0.3909i
13.4	5.3138-3.7391i	-5.1034+3.9841i	8.4677-15.7615i	-8.0843+15.1920i	0.5739-0.4354i	0.5798-0.3993i	0.5679-0.5100i	0.8241-0.5741i
13.5	5.0122-4.8563i	-4.7098+5.0995i	4.6135-20.2270i	-4.3708+19.5076i	0.5292-0.5581i	0.5487-0.5184i	0.5164-0.6249i	0.7621-0.7613i
13.6	3.9213-5.1908i	-3.5554+5.3323i	-3.2690-20.1705i	3.2393+19.4752i	0.4054-0.5866i	0.4376-0.5527i	0.4042-0.6285i	0.5661-0.8169i
13.7	3.2029-5.0462i	-2.8137+5.1037i	-9.0754-17.1840i	8.8574+16.5892i	0.3228-0.5627i	0.3663-0.5437i	0.3394-0.5909i	0.4345-0.7951i
13.8	3.1273-4.4628i	-2.7816+4.4247i	-11.8873-10.9034i	11.5669+10.5267i	0.3180-0.4914i	0.3609-0.4881i	0.3659-0.5234i	0.3972-0.6912i
13.9	3.5814-4.5530i	-3.2573+4.4854i	-11.5740-7.9891i	11.2693+7.7039i	0.3676-0.5005i	0.4076-0.5026i	0.4343-0.5454i	0.4489-0.6931i
14.0	4.3011-5.0978i	-4.0089+5.0046i	-10.6651-5.2454i	10.4092+5.0495i	0.4467-0.5572i	0.4833-0.5668i	0.5324-0.6260i	0.5393-0.7550i
14.1	5.0475-6.2187i	-4.7719+6.0975i	-10.0550-3.3751i	9.8276+3.2446i	0.5270-0.6775i	0.5615-0.6931i	0.6286-0.7790i	0.6342-0.8984i
14.2	4.8855-8.8673i	-4.6436+8.7066i	-8.8076-1.4454i	8.6277+1.3597i	0.5072-0.9619i	0.5355-0.9851i	0.5982-1.1285i	0.6036-1.2429i
14.3	2.9665-11.1374i	-2.7613+10.9649i	-7.4861-0.3047i	7.3541+0.2438i	0.2987-1.2037i	0.3182-1.2328i	0.3400-1.4196i	0.3394-1.5349i
14.4	-0.7186-11.7955i	0.8744+11.6220i	-5.7948+0.3573i	5.7187-0.4027i	-0.1013-1.2700i	-0.0926-1.2985i	-0.1414-1.4944i	-0.1608-1.6038i
14.5	-4.0877-10.4433i	4.2229+10.2854i	-4.3479+0.2692i	4.3275-0.3316i	-0.4659-1.1191i	-0.4662-1.1409i	-0.5765-1.3088i	-0.6102-1.4018i
14.6	-5.6657-7.8541i	5.8031+7.6820i	-3.3906-0.1667i	3.4110+0.0399i	-0.6342-0.8316i	-0.6385-0.8461i	-0.7727-0.9619i	-0.8124-1.0352i
14.7	-6.0088-6.0353i	6.1235+5.8381i	-2.9941-0.4890i	3.0088+0.3043i	-0.6661-0.6281i	-0.6707-0.6386i	-0.8077-0.7163i	-0.8449-0.7799i
14.8	-5.7567-4.7869i	5.8218+4.5860i	-2.9096-0.7704i	2.8697+0.5622i	-0.6298-0.4916i	-0.6335-0.4997i	-0.7622-0.5524i	-0.7911-0.6112i
14.9	-5.5069-3.6818i	5.5201+3.4918i	-2.9163-0.8878i	2.8169+0.6805i	-0.5949-0.3742i	-0.5976-0.3800i	-0.7143-0.4110i	-0.7461-0.4669i
15.0	-5.1167-2.7780i	5.0899+2.6233i	-2.9601-0.7931i	2.8058+0.6228i	-0.5475-0.2800i	-0.5485-0.2846i	-0.6447-0.3000i	-0.6941-0.3520i
15.1	-4.8457-2.0967i	4.7959+1.9798i	-2.9039-0.6240i	2.7266+0.4995i	-0.5148-0.2099i	-0.5153-0.2142i	-0.6039-0.2241i	-0.6518-0.2610i
15.2	-4.3819-1.6500i	4.3339+1.5712i	-2.7613-0.4904i	2.5956+0.4115i	-0.4644-0.1657i	-0.4646-0.1696i	-0.5454-0.1746i	-0.5857-0.2066i
15.3	-3.9730-1.3565i	3.9396+1.3024i	-2.5869-0.4091i	2.4451+0.3569i	-0.4213-0.1363i	-0.4211-0.1398i	-0.4944-0.1411i	-0.5302-0.1708i
15.4	-3.5636-1.1128i	3.5461+1.0757i	-2.3829-0.3372i	2.2638+0.3065i	-0.3780-0.1117i	-0.3780-0.1147i	-0.4430-0.1139i	-0.4754-0.1399i
15.5	-3.2552-0.8696i	3.2492+0.8471i	-2.2232-0.2621i	2.1245+0.2472i	-0.3455-0.0868i	-0.3453-0.0892i	-0.4043-0.0859i	-0.4348-0.1081i
15.6	-3.0170-0.7735i	3.0214+0.7535i	-2.1010-0.2547i	2.0135+0.2405i	-0.3201-0.0764i	-0.3195-0.0786i	-0.3742-0.0741i	-0.4021-0.0954i
15.7	-2.8137-0.6923i	2.8257+0.6745i	-1.9838-0.2509i	1.9080+0.2378i	-0.2981-0.0678i	-0.2979-0.0701i	-0.3479-0.0647i	-0.3750-0.0851i
15.8	-2.6099-0.6010i	2.6290+0.5851i	-1.8639-0.2381i	1.8024+0.2259i	-0.2768-0.0583i	-0.2769-0.0603i	-0.3228-0.0539i	-0.3496-0.0734i
15.9	-2.4085-0.5359i	2.4360+0.5169i	-1.7466-0.2402i	1.6960+0.2254i	-0.2556-0.0503i	-0.2555-0.0522i	-0.2977-0.0448i	-0.3225-0.0626i
16.0	-2.2488-0.4884i	2.2797+0.4667i	-1.6498-0.2379i	1.6042+0.2198i	-0.2384-0.0442i	-0.2382-0.0460i	-0.2771-0.0384i	-0.3004-0.0545i
16.1	-2.1323-0.4288i	2.1611+0.4058i	-1.5734-0.2328i	1.5308+0.2155i	-0.2250-0.0368i	-0.2246-0.0385i	-0.2610-0.0296i	-0.2826-0.0449i
16.2	-2.0069-0.3782i	2.0393+0.3607i	-1.4998-0.2355i	1.4649+0.2233i	-0.2103-0.0315i	-0.2098-0.0330i	-0.2424-0.0238i	-0.2636-0.0378i
16.3	-1.8731-0.3165i	1.9122+0.3010i	-1.4296-0.2321i	1.4038+0.2227i	-0.1950-0.0252i	-0.1943-0.0267i	-0.2234-0.0174i	-0.2438-0.0300i
16.4	-1.7813-0.2909i	1.8228+0.2742i	-1.3861-0.2415i	1.3652+0.2302i	-0.1848-0.0232i	-0.1842-0.0244i	-0.2106-0.0154i	-0.2313-0.0278i
16.5	-1.6636-0.2554i	1.7095+0.2351i	-1.3338-0.2403i	1.3206+0.2269i	-0.1725-0.0198i	-0.1719-0.0208i	-0.1959-0.0123i	-0.2166-0.0233i
16.6	-1.5764-0.2380i	1.6235+0.2147i	-1.2984-0.2353i	1.2895+0.2156i	-0.1636-0.0175i	-0.1626-0.0185i	-0.1854-0.0101i	-0.2049-0.0200i
16.7	-1.4996-0.2212i	1.5456+0.1940i	-1.2636-0.2293i	1.2532+0.2002i	-0.1549-0.0143i	-0.1537-0.0158i	-0.1751-0.0066i	-0.1936-0.0155i
16.8	-1.4136-0.2040i	1.4545+0.1741i	-1.2178-0.2103i	1.2051+0.1809i	-0.1440-0.0120i	-0.1432-0.0134i	-0.1615-0.0048i	-0.1796-0.0120i
16.9	-1.3459-0.1737i	1.3833+0.1459i	-1.1733-0.1788i	1.1605+0.1572i	-0.1358-0.0091i	-0.1350-0.0106i	-0.1516-0.0022i	-0.1686-0.0082i
17.0	-1.2783-0.1732i	1.3182+0.1488i	-1.1309-0.1826i	1.1226+0.1602i	-0.1288-0.0095i	-0.1278-0.0109i	-0.1440-0.0033i	-0.1595-0.0089i
17.1	-1.2182-0.1693i	1.2638+0.1444i	-1.1039-0.1787i	1.0989+0.1543i	-0.1225-0.0085i	-0.1215-0.0100i	-0.1368-0.0023i	-0.1513-0.0077i
17.2	-1.1589-0.1621i	1.2066+0.1325i	-1.0658-0.1555i	1.0683+0.1281i	-0.1155-0.0069i	-0.1147-0.0081i	-0.1283-0.0006i	-0.1419-0.0047i
17.3	-1.1038-0.1505i	1.1486+0.1183i	-1.0136-0.1379i	1.0153+0.1086i	-0.1083-0.0054i	-0.1073-0.0065i	-0.1192+0.0010i	-0.1320-0.0022i
17.4	-1.0642-0.1495i	1.1051+0.1163i	-0.9802-0.1362i	0.9774+0.1041i	-0.1031-0.0052i	-0.1020-0.0064i	-0.1123+0.0016i	-0.1253-0.0031i
17.5	-1.0219-0.1352i	1.0609+0.0996i	-0.9434-0.1303i	0.9400+0.0959i	-0.0977-0.0035i	-0.0966-0.0049i	-0.1054+0.0036i	-0.1187-0.0015i
17.6	-0.9841-0.1330i	1.0231+0.0987i	-0.9074-0.1328i	0.9054+0.0964i	-0.0928-0.0036i	-0.0918-0.0050i	-0.1004+0.0031i	-0.1111-0.0016i
17.7	-0.9386-0.1231i	0.9741+0.0884i	-0.8672-0.1284i	0.8659+0.0919i	-0.0863-0.0023i	-0.0857-0.0038i	-0.0928+0.0038i	-0.1022-0.0000i
17.8	-0.9002-0.1165i	0.9351+0.0803i	-0.8402-0.1299i	0.8375+0.0966i	-0.0816-0.0020i	-0.0808-0.0035i	-0.0864+0.0032i	-0.0963+0.0003i
17.9	-0.8631-0.1026i	0.8943+0.0635i	-0.8192-0.1283i	0.8131+0.0939i	-0.0763-0.0005i	-0.0755-0.0024i	-0.0795+0.0046i	-0.0899+0.0023i
18.0	-0.8359-0.1032i	0.8631+0.0608i	-0.8022-0.1299i	0.7940+0.0946i	-0.0726-0.0008i	-0.0718-0.0026i	-0.0749+0.0043i	-0.0853+0.0010i
18.1	-0.8064-0.0982i	0.8307+0.0620i	-0.7868-0.1193i	0.7726+0.0860i	-0.0683-0.0015i	-0.0676-0.0031i	-0.0698+0.0030i	-0.0790-0.0006i
18.2	-0.7753-0.0895i	0.7968+0.0574i	-0.7643-0.1070i	0.7512+0.0784i	-0.0639-0.0016i	-0.0637-0.0033i	-0.0650+0.0020i	-0.0735-0.0002i

18.3	-0.7399-0.0848i	0.7620+0.0560i	-0.7316-0.0982i	0.7207+0.0744i	-0.0596-0.0022i	-0.0596-0.0041i	-0.0597+0.0003i	-0.0687-0.0011i
18.4	-0.7127-0.0748i	0.7326+0.0521i	-0.7074-0.0865i	0.6972+0.0701i	-0.0560-0.0026i	-0.0564-0.0042i	-0.0561-0.0003i	-0.0636-0.0023i
18.5	-0.6759-0.0687i	0.7065+0.0533i	-0.6728-0.0764i	0.6731+0.0685i	-0.0533-0.0034i	-0.0535-0.0046i	-0.0532-0.0017i	-0.0602-0.0037i
18.6	-0.6478-0.0625i	0.6900+0.0430i	-0.6443-0.0754i	0.6595+0.0632i	-0.0522-0.0029i	-0.0522-0.0039i	-0.0521-0.0013i	-0.0588-0.0030i
18.7	-0.6242-0.0654i	0.6661+0.0355i	-0.6260-0.0856i	0.6463+0.0568i	-0.0504-0.0020i	-0.0504-0.0028i	-0.0500+0.0000i	-0.0569-0.0013i
18.8	-0.5990-0.0697i	0.6346+0.0344i	-0.6100-0.0832i	0.6221+0.0464i	-0.0470-0.0017i	-0.0468-0.0023i	-0.0453+0.0011i	-0.0532-0.0004i
18.9	-0.5825-0.0715i	0.6169+0.0337i	-0.5970-0.0792i	0.6035+0.0436i	-0.0448-0.0017i	-0.0444-0.0025i	-0.0434+0.0012i	-0.0502-0.0010i
19.0	-0.5536-0.0616i	0.5819+0.0266i	-0.5707-0.0707i	0.5754+0.0357i	-0.0403-0.0008i	-0.0403-0.0017i	-0.0385+0.0009i	-0.0437+0.0013i
19.1	-0.5351-0.0613i	0.5608+0.0276i	-0.5502-0.0683i	0.5561+0.0350i	-0.0378-0.0007i	-0.0378-0.0018i	-0.0350+0.0005i	-0.0412+0.0009i
19.2	-0.5129-0.0633i	0.5371+0.0268i	-0.5327-0.0654i	0.5339+0.0303i	-0.0351-0.0012i	-0.0350-0.0020i	-0.0318+0.0006i	-0.0379-0.0005i
19.3	-0.4880-0.0582i	0.5102+0.0256i	-0.5076-0.0611i	0.5104+0.0275i	-0.0319-0.0011i	-0.0320-0.0018i	-0.0282+0.0005i	-0.0333-0.0003i
19.4	-0.4684-0.0525i	0.4906+0.0205i	-0.4875-0.0551i	0.4908+0.0218i	-0.0297-0.0005i	-0.0300-0.0014i	-0.0261+0.0011i	-0.0297+0.0009i
19.5	-0.4588-0.0522i	0.4757+0.0187i	-0.4749-0.0518i	0.4740+0.0168i	-0.0278-0.0005i	-0.0278-0.0015i	-0.0236+0.0013i	-0.0278+0.0007i
19.6	-0.4430-0.0519i	0.4591+0.0198i	-0.4608-0.0503i	0.4575+0.0168i	-0.0261-0.0005i	-0.0261-0.0014i	-0.0213+0.0011i	-0.0246-0.0000i
19.7	-0.4219-0.0499i	0.4370+0.0201i	-0.4405-0.0494i	0.4392+0.0199i	-0.0234-0.0011i	-0.0241-0.0016i	-0.0179+0.0000i	-0.0214-0.0002i
19.8	-0.3984-0.0481i	0.4179+0.0241i	-0.4185-0.0489i	0.4189+0.0214i	-0.0211-0.0015i	-0.0216-0.0019i	-0.0154-0.0006i	-0.0179-0.0010i
19.9	-0.3881-0.0442i	0.4075+0.0204i	-0.4032-0.0431i	0.4033+0.0178i	-0.0197-0.0013i	-0.0197-0.0019i	-0.0134-0.0000i	-0.0158-0.0010i
20.0	-0.3699-0.0421i	0.3894+0.0169i	-0.3861-0.0402i	0.3873+0.0167i	-0.0173-0.0011i	-0.0175-0.0018i	-0.0105+0.0007i	-0.0134-0.0012i
20.1	-0.3541-0.0428i	0.3722+0.0189i	-0.3700-0.0420i	0.3694+0.0198i	-0.0151-0.0012i	-0.0156-0.0018i	-0.0077-0.0000i	-0.0115-0.0012i
20.2	-0.3449-0.0413i	0.3612+0.0188i	-0.3578-0.0423i	0.3581+0.0182i	-0.0139-0.0010i	-0.0141-0.0014i	-0.0062-0.0002i	-0.0095-0.0008i
20.3	-0.3346-0.0446i	0.3502+0.0197i	-0.3482-0.0474i	0.3478+0.0209i	-0.0123-0.0014i	-0.0129-0.0017i	-0.0042-0.0006i	-0.0081-0.0010i
20.4	-0.3134-0.0394i	0.3290+0.0153i	-0.3258-0.0397i	0.3282+0.0180i	-0.0094-0.0012i	-0.0103-0.0017i	-0.0007-0.0009i	-0.0046-0.0005i
20.5	-0.3025-0.0324i	0.3156+0.0109i	-0.3126-0.0360i	0.3132+0.0144i	-0.0080-0.0008i	-0.0088-0.0014i	0.0012-0.0010i	-0.0025+0.0004i
20.6	-0.2971-0.0356i	0.3098+0.0137i	-0.3061-0.0351i	0.3050+0.0154i	-0.0072-0.0014i	-0.0078-0.0015i	0.0027-0.0011i	-0.0016-0.0002i
20.7	-0.2815-0.0328i	0.2924+0.0138i	-0.2842-0.0349i	0.2871+0.0161i	-0.0049-0.0014i	-0.0059-0.0018i	0.0062-0.0007i	0.0007-0.0017i
20.8	-0.2679-0.0320i	0.2798+0.0178i	-0.2712-0.0367i	0.2738+0.0171i	-0.0034-0.0020i	-0.0045-0.0022i	0.0075-0.0015i	0.0024-0.0034i
20.9	-0.2547-0.0326i	0.2670+0.0164i	-0.2574-0.0381i	0.2612+0.0189i	-0.0018-0.0022i	-0.0026-0.0023i	0.0092-0.0024i	0.0056-0.0026i
21.0	-0.2437-0.0298i	0.2581+0.0133i	-0.2454-0.0348i	0.2514+0.0158i	-0.0006-0.0016i	-0.0014-0.0015i	0.0115-0.0031i	0.0060+0.0001i
21.1	-0.2285-0.0262i	0.2448+0.0150i	-0.2307-0.0364i	0.2372+0.0194i	0.0012-0.0016i	0.0004-0.0018i	0.0139-0.0034i	0.0075+0.0000i
21.2	-0.2153-0.0257i	0.2318+0.0159i	-0.2186-0.0391i	0.2260+0.0218i	0.0033-0.0019i	0.0021-0.0021i	0.0155-0.0041i	0.0112-0.0004i
21.3	-0.2019-0.0279i	0.2241+0.0145i	-0.2062-0.0382i	0.2171+0.0199i	0.0043-0.0024i	0.0034-0.0022i	0.0167-0.0051i	0.0135+0.0004i
21.4	-0.1955-0.0278i	0.2197+0.0157i	-0.2023-0.0401i	0.2161+0.0245i	0.0050-0.0024i	0.0042-0.0019i	0.0165-0.0055i	0.0157+0.0009i
21.5	-0.1874-0.0224i	0.2060+0.0144i	-0.1913-0.0391i	0.2049+0.0253i	0.0067-0.0022i	0.0058-0.0016i	0.0184-0.0053i	0.0175+0.0010i
21.6	-0.1750-0.0245i	0.1940+0.0166i	-0.1779-0.0414i	0.1942+0.0273i	0.0080-0.0026i	0.0074-0.0019i	0.0203-0.0056i	0.0197-0.0002i
21.7	-0.1633-0.0276i	0.1812+0.0177i	-0.1660-0.0430i	0.1821+0.0265i	0.0096-0.0029i	0.0088-0.0022i	0.0210-0.0058i	0.0236-0.0007i
21.8	-0.1506-0.0235i	0.1679+0.0156i	-0.1555-0.0418i	0.1669+0.0274i	0.0117-0.0027i	0.0108-0.0023i	0.0229-0.0055i	0.0266-0.0011i
21.9	-0.1435-0.0193i	0.1613+0.0138i	-0.1472-0.0400i	0.1570+0.0257i	0.0127-0.0027i	0.0121-0.0022i	0.0245-0.0061i	0.0282-0.0009i
22.0	-0.1372-0.0179i	0.1539+0.0126i	-0.1358-0.0354i	0.1466+0.0232i	0.0137-0.0027i	0.0130-0.0022i	0.0259-0.0058i	0.0296-0.0011i
22.1	-0.1264-0.0166i	0.1419+0.0158i	-0.1203-0.0404i	0.1328+0.0287i	0.0155-0.0034i	0.0141-0.0024i	0.0281-0.0064i	0.0313-0.0020i
22.2	-0.1140-0.0163i	0.1309+0.0187i	-0.1053-0.0470i	0.1228+0.0347i	0.0171-0.0036i	0.0160-0.0029i	0.0296-0.0066i	0.0347-0.0025i
22.3	-0.1050-0.0161i	0.1238+0.0147i	-0.0979-0.0427i	0.1153+0.0306i	0.0180-0.0037i	0.0174-0.0028i	0.0310-0.0063i	0.0363-0.0037i
22.4	-0.0952-0.0172i	0.1136+0.0160i	-0.0907-0.0475i	0.1069+0.0379i	0.0191-0.0045i	0.0181-0.0030i	0.0323-0.0070i	0.0371-0.0043i
22.5	-0.0845-0.0212i	0.1068+0.0202i	-0.0836-0.0574i	0.0976+0.0457i	0.0203-0.0049i	0.0192-0.0031i	0.0338-0.0066i	0.0388-0.0056i
22.6	-0.0761-0.0145i	0.0996+0.0169i	-0.0701-0.0637i	0.0877+0.0506i	0.0219-0.0044i	0.0215-0.0028i	0.0358-0.0056i	0.0411-0.0059i
22.7	-0.0680-0.0112i	0.0914+0.0176i	-0.0617-0.0658i	0.0817+0.0566i	0.0231-0.0047i	0.0223-0.0030i	0.0371-0.0062i	0.0422-0.0062i
22.8	-0.0613-0.0142i	0.0858+0.0218i	-0.0624-0.0709i	0.0803+0.0602i	0.0240-0.0056i	0.0234-0.0035i	0.0386-0.0071i	0.0428-0.0067i
22.9	-0.0517-0.0161i	0.0812+0.0235i	-0.0638-0.0715i	0.0831+0.0605i	0.0245-0.0063i	0.0248-0.0037i	0.0394-0.0079i	0.0443-0.0070i
23.0	-0.0427-0.0192i	0.0740+0.0248i	-0.0658-0.0719i	0.0856+0.0583i	0.0254-0.0064i	0.0257-0.0045i	0.0405-0.0089i	0.0462-0.0072i
23.1	-0.0352-0.0183i	0.0643+0.0239i	-0.0589-0.0769i	0.0816+0.0621i	0.0268-0.0068i	0.0267-0.0050i	0.0422-0.0091i	0.0473-0.0083i
23.2	-0.0248-0.0175i	0.0584+0.0236i	-0.0528-0.0711i	0.0751+0.0574i	0.0278-0.0065i	0.0278-0.0051i	0.0440-0.0095i	0.0485-0.0080i
23.3	-0.0125-0.0135i	0.0498+0.0168i	-0.0476-0.0612i	0.0702+0.0500i	0.0290-0.0059i	0.0291-0.0047i	0.0455-0.0092i	0.0502-0.0073i
23.4	-0.0036-0.0168i	0.0396+0.0175i	-0.0417-0.0560i	0.0658+0.0442i	0.0296-0.0061i	0.0298-0.0047i	0.0466-0.0100i	0.0518-0.0073i
23.5	0.0027-0.0166i	0.0295+0.0194i	-0.0332-0.0527i	0.0582+0.0398i	0.0311-0.0063i	0.0309-0.0053i	0.0483-0.0109i	0.0541-0.0082i
23.6	0.0052-0.0110i	0.0251+0.0150i	-0.0259-0.0428i	0.0478+0.0343i	0.0318-0.0058i	0.0315-0.0051i	0.0491-0.0098i	0.0555-0.0076i
23.7	0.0161-0.0140i	0.0145+0.0171i	-0.0141-0.0445i	0.0353+0.0326i	0.0329-0.0062i	0.0328-0.0050i	0.0503-0.0106i	0.0570-0.0077i
23.8	0.0219-0.0257i	0.0063+0.0258i	-0.0038-0.0471i	0.0278+0.0376i	0.0339-0.0075i	0.0342-0.0064i	0.0512-0.0127i	0.0587-0.0086i
23.9	0.0299-0.0237i	-0.0020+0.0256i	0.0109-0.0390i	0.0141+0.0340i	0.0352-0.0069i	0.0348-0.0063i	0.0517-0.0120i	0.0610-0.0087i
24.0	0.0416-0.0222i	-0.0110+0.0223i	0.0225-0.0399i	0.0070+0.0330i	0.0367-0.0072i	0.0358-0.0063i	0.0539-0.0118i	0.0616-0.0095i
24.1	0.0491-0.0181i	-0.0180+0.0226i	0.0293-0.0358i	-0.0038+0.0334i	0.0380-0.0072i	0.0373-0.0064i	0.0554-0.0110i	0.0634-0.0100i
24.2	0.0528-0.0174i	-0.0233+0.0205i	0.0383-0.0315i	-0.0164+0.0289i	0.0387-0.0072i	0.0383-0.0065i	0.0565-0.0117i	0.0643-0.0104i
24.3	0.0640-0.0216i	-0.0317+0.0241i	0.0539-0.0361i	-0.0293+0.0324i	0.0398-0.0079i	0.0392-0.0069i	0.0592-0.0124i	0.0656-0.0115i
24.4	0.0701-0.0240i	-0.0401+0.0246i	0.0660-0.0369i	-0.0354+0.0329i	0.0410-0.0078i	0.0401-0.0070i	0.0602-0.0126i	0.0678-0.0113i
24.5	0.0716-0.0243i	-0.0446+0.0280i	0.0731-0.0390i	-0.0411+0.0328i	0.0424-0.0083i	0.0413-0.0070i	0.0610-0.0134i	0.0695-0.0118i

24.6	0.0812−0.0261i	−0.0487+0.0322i	0.0857−0.0445i	−0.0496+0.0404i	0.0430−0.0088i	0.0421−0.0073i	0.0617−0.0137i	0.0699−0.0124i
24.7	0.0903−0.0312i	−0.0564+0.0367i	0.0946−0.0471i	−0.0593+0.0452i	0.0444−0.0093i	0.0434−0.0076i	0.0630−0.0141i	0.0725−0.0133i
24.8	0.1000−0.0282i	−0.0645+0.0391i	0.1086−0.0447i	−0.0716+0.0463i	0.0459−0.0091i	0.0445−0.0074i	0.0655−0.0147i	0.0735−0.0123i
24.9	0.1038−0.0219i	−0.0713+0.0345i	0.1240−0.0436i	−0.0825+0.0419i	0.0465−0.0091i	0.0458−0.0072i	0.0668−0.0138i	0.0759−0.0124i
25.0	0.1095−0.0239i	−0.0759+0.0338i	0.1342−0.0457i	−0.0904+0.0467i	0.0475−0.0090i	0.0467−0.0070i	0.0677−0.0140i	0.0767−0.0127i
25.1	0.1168−0.0283i	−0.0837+0.0398i	0.1442−0.0516i	−0.1022+0.0521i	0.0485−0.0097i	0.0476−0.0077i	0.0693−0.0151i	0.0768−0.0131i
25.2	0.1271−0.0264i	−0.0942+0.0408i	0.1600−0.0540i	−0.1159+0.0559i	0.0504−0.0097i	0.0487−0.0076i	0.0715−0.0150i	0.0789−0.0129i
25.3	0.1352−0.0270i	−0.1022+0.0437i	0.1757−0.0599i	−0.1289+0.0591i	0.0521−0.0097i	0.0500−0.0079i	0.0731−0.0153i	0.0810−0.0141i
25.4	0.1426−0.0263i	−0.1101+0.0480i	0.1881−0.0639i	−0.1358+0.0630i	0.0534−0.0101i	0.0509−0.0084i	0.0742−0.0165i	0.0828−0.0140i
25.5	0.1484−0.0337i	−0.1149+0.0556i	0.1990−0.0733i	−0.1465+0.0766i	0.0542−0.0111i	0.0521−0.0087i	0.0748−0.0176i	0.0842−0.0133i
25.6	0.1588−0.0336i	−0.1203+0.0577i	0.2099−0.0826i	−0.1585+0.0852i	0.0553−0.0110i	0.0536−0.0087i	0.0769−0.0185i	0.0858−0.0132i
25.7	0.1676−0.0286i	−0.1261+0.0608i	0.2200−0.0848i	−0.1635+0.0892i	0.0567−0.0108i	0.0550−0.0080i	0.0786−0.0180i	0.0877−0.0133i
25.8	0.1725−0.0346i	−0.1254+0.0673i	0.2280−0.0952i	−0.1683+0.1021i	0.0575−0.0119i	0.0559−0.0088i	0.0792−0.0192i	0.0893−0.0146i
25.9	0.1833−0.0352i	−0.1290+0.0691i	0.2417−0.1023i	−0.1765+0.1058i	0.0584−0.0125i	0.0573−0.0090i	0.0803−0.0205i	0.0906−0.0137i
26.0	0.1883−0.0386i	−0.1330+0.0728i	0.2519−0.1137i	−0.1846+0.1117i	0.0595−0.0126i	0.0583−0.0093i	0.0816−0.0209i	0.0930−0.0133i
26.1	0.1927−0.0385i	−0.1342+0.0722i	0.2627−0.1206i	−0.1928+0.1173i	0.0605−0.0122i	0.0593−0.0088i	0.0823−0.0210i	0.0950−0.0132i
26.2	0.2061−0.0413i	−0.1400+0.0737i	0.2737−0.1369i	−0.1957+0.1292i	0.0623−0.0131i	0.0611−0.0089i	0.0838−0.0218i	0.0983−0.0129i
26.3	0.2208−0.0456i	−0.1488+0.0751i	0.2905−0.1563i	−0.2064+0.1426i	0.0646−0.0133i	0.0632−0.0092i	0.0855−0.0225i	0.1025−0.0116i
26.4	0.2260−0.0483i	−0.1530+0.0789i	0.2994−0.1694i	−0.2129+0.1527i	0.0652−0.0140i	0.0643−0.0095i	0.0859−0.0231i	0.1052−0.0129i
26.5	0.2336−0.0520i	−0.1595+0.0836i	0.3053−0.1873i	−0.2153+0.1698i	0.0667−0.0152i	0.0659−0.0098i	0.0870−0.0240i	0.1084−0.0140i
26.6	0.2400−0.0552i	−0.1599+0.0837i	0.3073−0.1989i	−0.2165+0.1781i	0.0667−0.0156i	0.0669−0.0106i	0.0872−0.0246i	0.1091−0.0158i
26.7	0.2436−0.0616i	−0.1681+0.0851i	0.3134−0.2126i	−0.2242+0.1887i	0.0680−0.0153i	0.0678−0.0111i	0.0885−0.0250i	0.1113−0.0163i
26.8	0.2552−0.0640i	−0.1744+0.0884i	0.3215−0.2342i	−0.2318+0.2077i	0.0705−0.0162i	0.0695−0.0116i	0.0906−0.0250i	0.1158−0.0172i
26.9	0.2633−0.0652i	−0.1798+0.0911i	0.3273−0.2544i	−0.2337+0.2228i	0.0714−0.0172i	0.0707−0.0121i	0.0914−0.0252i	0.1185−0.0187i
27.0	0.2651−0.0716i	−0.1842+0.0995i	0.3244−0.2811i	−0.2317+0.2457i	0.0722−0.0181i	0.0718−0.0125i	0.0903−0.0252i	0.1196−0.0197i
27.1	0.2764−0.0760i	−0.1908+0.1004i	0.3271−0.3104i	−0.2341+0.2697i	0.0734−0.0186i	0.0731−0.0121i	0.0912−0.0241i	0.1224−0.0210i
27.2	0.2836−0.0855i	−0.1938+0.1034i	0.3020−0.3434i	−0.2163+0.2892i	0.0747−0.0192i	0.0749−0.0127i	0.0935−0.0239i	0.1269−0.0225i
27.3	0.2868−0.0915i	−0.1985+0.1124i	0.2743−0.3640i	−0.1914+0.3046i	0.0760−0.0200i	0.0768−0.0140i	0.0960−0.0236i	0.1280−0.0245i
27.4	0.2890−0.0946i	−0.1986+0.1182i	0.2370−0.3732i	−0.1570+0.3157i	0.0762−0.0206i	0.0777−0.0141i	0.0972−0.0223i	0.1294−0.0263i
27.5	0.2936−0.0991i	−0.1937+0.1217i	0.2027−0.3755i	−0.1270+0.3214i	0.0763−0.0213i	0.0786−0.0138i	0.0980−0.0209i	0.1314−0.0287i
27.6	0.2979−0.1006i	−0.1988+0.1204i	0.1709−0.3680i	−0.1003+0.3160i	0.0775−0.0209i	0.0799−0.0142i	0.1002−0.0209i	0.1325−0.0283i
27.7	0.3030−0.1087i	−0.2040+0.1272i	0.1411−0.3481i	−0.0748+0.2953i	0.0790−0.0213i	0.0811−0.0153i	0.1040−0.0207i	0.1345−0.0300i
27.8	0.3020−0.1111i	−0.2024+0.1316i	0.1191−0.3213i	−0.0537+0.2686i	0.0799−0.0208i	0.0825−0.0150i	0.1066−0.0211i	0.1356−0.0300i
27.9	0.3078−0.1107i	−0.2035+0.1335i	0.1067−0.2815i	−0.0370+0.2341i	0.0813−0.0206i	0.0848−0.0146i	0.1102−0.0210i	0.1381−0.0302i
28.0	0.3100−0.1151i	−0.1990+0.1338i	0.1112−0.2474i	−0.0456+0.2104i	0.0826−0.0212i	0.0863−0.0154i	0.1125−0.0229i	0.1407−0.0310i
28.1	0.3115−0.1110i	−0.1982+0.1309i	0.1271−0.2303i	−0.0553+0.1919i	0.0841−0.0210i	0.0878−0.0160i	0.1138−0.0236i	0.1435−0.0316i
28.2	0.3170−0.1054i	−0.2012+0.1212i	0.1352−0.2075i	−0.0591+0.1766i	0.0855−0.0209i	0.0893−0.0156i	0.1167−0.0235i	0.1462−0.0311i
28.3	0.3250−0.1142i	−0.2083+0.1259i	0.1475−0.1885i	−0.0695+0.1549i	0.0868−0.0218i	0.0915−0.0165i	0.1197−0.0250i	0.1494−0.0317i
28.4	0.3397−0.1186i	−0.2180+0.1278i	0.1732−0.1723i	−0.0895+0.1345i	0.0892−0.0221i	0.0937−0.0172i	0.1225−0.0263i	0.1525−0.0334i
28.5	0.3442−0.1225i	−0.2206+0.1284i	0.1901−0.1689i	−0.1036+0.1275i	0.0913−0.0228i	0.0954−0.0180i	0.1247−0.0273i	0.1555−0.0360i
28.6	0.3600−0.1234i	−0.2309+0.1349i	0.2132−0.1594i	−0.1167+0.1153i	0.0948−0.0232i	0.0993−0.0181i	0.1294−0.0277i	0.1606−0.0369i
28.7	0.3655−0.1275i	−0.2404+0.1355i	0.2347−0.1536i	−0.1348+0.1056i	0.0969−0.0242i	0.1010−0.0192i	0.1317−0.0293i	0.1633−0.0381i
28.8	0.3749−0.1361i	−0.2457+0.1423i	0.2560−0.1518i	−0.1549+0.1035i	0.0996−0.0261i	0.1035−0.0210i	0.1341−0.0309i	0.1683−0.0414i
28.9	0.3825−0.1349i	−0.2466+0.1464i	0.2745−0.1498i	−0.1709+0.0991i	0.1016−0.0265i	0.1052−0.0204i	0.1366−0.0306i	0.1722−0.0422i
29.0	0.3905−0.1439i	−0.2456+0.1535i	0.2940−0.1447i	−0.1924+0.0961i	0.1038−0.0277i	0.1074−0.0213i	0.1391−0.0322i	0.1752−0.0452i
29.1	0.3990−0.1560i	−0.2462+0.1579i	0.3167−0.1458i	−0.2095+0.0934i	0.1052−0.0287i	0.1095−0.0229i	0.1417−0.0349i	0.1777−0.0474i
29.2	0.4010−0.1627i	−0.2481+0.1595i	0.3315−0.1558i	−0.2206+0.0943i	0.1063−0.0295i	0.1118−0.0234i	0.1442−0.0360i	0.1801−0.0478i
29.3	0.4002−0.1613i	−0.2484+0.1637i	0.3582−0.1561i	−0.2408+0.0951i	0.1089−0.0309i	0.1147−0.0243i	0.1468−0.0371i	0.1847−0.0501i
29.4	0.4143−0.1668i	−0.2499+0.1731i	0.3774−0.1670i	−0.2551+0.1008i	0.1120−0.0331i	0.1182−0.0260i	0.1514−0.0404i	0.1902−0.0538i
29.5	0.4171−0.1726i	−0.2491+0.1697i	0.4076−0.1742i	−0.2854+0.1009i	0.1144−0.0344i	0.1201−0.0278i	0.1535−0.0422i	0.1945−0.0577i
29.6	0.4091−0.1806i	−0.2410+0.1624i	0.4212−0.1785i	−0.3030+0.1060i	0.1136−0.0348i	0.1197−0.0300i	0.1516−0.0435i	0.1938−0.0603i
29.7	0.4123−0.1824i	−0.2418+0.1614i	0.4402−0.1892i	−0.3224+0.1150i	0.1145−0.0360i	0.1213−0.0314i	0.1520−0.0452i	0.1962−0.0639i
29.8	0.4202−0.1894i	−0.2444+0.1617i	0.4701−0.2003i	−0.3457+0.1183i	0.1175−0.0382i	0.1243−0.0331i	0.1555−0.0483i	0.2012−0.0662i
29.9	0.4274−0.1941i	−0.2504+0.1592i	0.4874−0.2127i	−0.3621+0.1215i	0.1195−0.0389i	0.1263−0.0341i	0.1574−0.0499i	0.2054−0.0663i
30.0	0.4375−0.1905i	−0.2594+0.1547i	0.5044−0.2277i	−0.3773+0.1298i	0.1224−0.0413i	0.1294−0.0362i	0.1612−0.0524i	0.2098−0.0701i
30.1	0.4458−0.1928i	−0.2625+0.1468i	0.5413−0.2395i	−0.4105+0.1430i	0.1237−0.0422i	0.1310−0.0376i	0.1617−0.0534i	0.2134−0.0732i
30.2	0.4533−0.1945i	−0.2701+0.1425i	0.5661−0.2600i	−0.4346+0.1563i	0.1247−0.0439i	0.1319−0.0394i	0.1620−0.0555i	0.2158−0.0775i
30.3	0.4633−0.1995i	−0.2830+0.1423i	0.5872−0.2865i	−0.4569+0.1790i	0.1262−0.0439i	0.1329−0.0409i	0.1631−0.0557i	0.2189−0.0787i
30.4	0.4801−0.2098i	−0.2998+0.1462i	0.6169−0.3076i	−0.4861+0.2001i	0.1296−0.0448i	0.1360−0.0414i	0.1651−0.0550i	0.2247−0.0807i
30.5	0.4955−0.2225i	−0.3134+0.1605i	0.6506−0.3383i	−0.5161+0.2192i	0.1339−0.0474i	0.1410−0.0425i	0.1679−0.0565i	0.2343−0.0850i
30.6	0.4987−0.2343i	−0.3110+0.1674i	0.6656−0.3638i	−0.5349+0.2358i	0.1364−0.0485i	0.1442−0.0448i	0.1693−0.0572i	0.2405−0.0895i
30.7	0.4894−0.2272i	−0.3129+0.1626i	0.6747−0.3942i	−0.5545+0.2682i	0.1380−0.0489i	0.1451−0.0451i	0.1704−0.0525i	0.2439−0.0947i
30.8	0.4968−0.2196i	−0.3203+0.1640i	0.6934−0.4322i	−0.5816+0.3088i	0.1403−0.0508i	0.1473−0.0454i	0.1732−0.0489i	0.2478−0.1022i

30.9	0.5067-0.2259i	-0.3233+0.1699i	0.7144-0.4755i	-0.6004+0.3578i	0.1428-0.0531i	0.1503-0.0484i	0.1757-0.0484i	0.2512-0.1092i
31.0	0.5240-0.2287i	-0.3345+0.1743i	0.7317-0.5275i	-0.6202+0.4021i	0.1459-0.0548i	0.1545-0.0505i	0.1819-0.0466i	0.2541-0.1169i
31.1	0.5390-0.2234i	-0.3467+0.1737i	0.7489-0.5818i	-0.6333+0.4506i	0.1491-0.0560i	0.1580-0.0515i	0.1867-0.0428i	0.2595-0.1239i
31.2	0.5505-0.2291i	-0.3529+0.1757i	0.7645-0.6343i	-0.6419+0.5053i	0.1531-0.0580i	0.1618-0.0534i	0.1932-0.0404i	0.2642-0.1300i
31.3	0.5697-0.2247i	-0.3720+0.1679i	0.7871-0.6673i	-0.6602+0.5409i	0.1571-0.0576i	0.1657-0.0532i	0.2021-0.0363i	0.2678-0.1343i
31.4	0.5944-0.2404i	-0.3794+0.1793i	0.7765-0.7274i	-0.6465+0.5966i	0.1614-0.0605i	0.1712-0.0562i	0.2130-0.0363i	0.2695-0.1435i
31.5	0.6157-0.2570i	-0.3876+0.1896i	0.7682-0.8080i	-0.6374+0.6732i	0.1664-0.0637i	0.1765-0.0599i	0.2275-0.0373i	0.2703-0.1518i
31.6	0.6483-0.2672i	-0.4130+0.1931i	0.7690-0.8730i	-0.6308+0.7314i	0.1718-0.0661i	0.1834-0.0615i	0.2410-0.0366i	0.2774-0.1579i
31.7	0.6675-0.2812i	-0.4294+0.2050i	0.7426-0.9496i	-0.5982+0.7995i	0.1774-0.0702i	0.1888-0.0649i	0.2561-0.0390i	0.2774-0.1647i
31.8	0.7004-0.3208i	-0.4414+0.2284i	0.7225-1.0259i	-0.5757+0.8620i	0.1839-0.0766i	0.1965-0.0716i	0.2717-0.0472i	0.2824-0.1760i
31.9	0.7388-0.3430i	-0.4570+0.2469i	0.6957-1.0986i	-0.5430+0.9270i	0.1905-0.0816i	0.2040-0.0761i	0.2876-0.0525i	0.2880-0.1848i
32.0	0.7338-0.3466i	-0.4534+0.2496i	0.6107-1.1201i	-0.4539+0.9439i	0.1921-0.0826i	0.2045-0.0773i	0.2979-0.0584i	0.2837-0.1803i
32.1	0.7557-0.3698i	-0.4616+0.2573i	0.5503-1.1832i	-0.3997+0.9939i	0.1988-0.0871i	0.2120-0.0820i	0.3154-0.0695i	0.2883-0.1823i
32.2	0.7880-0.4210i	-0.4808+0.2892i	0.5064-1.2817i	-0.3550+1.0720i	0.2068-0.0978i	0.2235-0.0932i	0.3375-0.0854i	0.2946-0.1986i
32.3	0.7986-0.4621i	-0.4893+0.3106i	0.4286-1.3224i	-0.2823+1.1025i	0.2109-0.1052i	0.2292-0.1021i	0.3494-0.0991i	0.2978-0.2085i
32.4	0.8370-0.5137i	-0.5211+0.3391i	0.3559-1.3938i	-0.2265+1.1576i	0.2203-0.1156i	0.2398-0.1134i	0.3698-0.1148i	0.3082-0.2244i
32.5	0.8394-0.5539i	-0.5226+0.3722i	0.2317-1.4098i	-0.1177+1.1751i	0.2238-0.1258i	0.2443-0.1253i	0.3844-0.1397i	0.3079-0.2340i
32.6	0.8481-0.5930i	-0.5288+0.3963i	0.1595-1.4229i	-0.0609+1.1821i	0.2285-0.1353i	0.2497-0.1364i	0.3993-0.1631i	0.3093-0.2418i
32.7	0.8553-0.6039i	-0.5283+0.3952i	0.1000-1.3533i	0.0044+1.1160i	0.2330-0.1400i	0.2540-0.1415i	0.4091-0.1800i	0.3139-0.2414i
32.8	0.8603-0.6608i	-0.5282+0.4374i	-0.0080-1.3289i	0.1110+1.1040i	0.2360-0.1529i	0.2588-0.1566i	0.4162-0.2076i	0.3211-0.2563i
32.9	0.8791-0.7131i	-0.5392+0.4683i	-0.0650-1.3365i	0.1634+1.1118i	0.2427-0.1642i	0.2671-0.1696i	0.4297-0.2339i	0.3313-0.2660i
33.0	0.9032-0.7339i	-0.5429+0.4820i	-0.0932-1.2704i	0.2066+1.0553i	0.2500-0.1726i	0.2745-0.1797i	0.4428-0.2594i	0.3402-0.2698i
33.1	0.9152-0.8053i	-0.5482+0.5340i	-0.1664-1.2415i	0.2701+1.0321i	0.2548-0.1900i	0.2808-0.1998i	0.4520-0.2981i	0.3481-0.2884i
33.2	0.8762-0.8857i	-0.5044+0.5844i	-0.2646-1.1460i	0.3791+0.9481i	0.2492-0.2102i	0.2726-0.2255i	0.4329-0.3476i	0.3460-0.3116i
33.3	0.8977-0.9171i	-0.5023+0.6017i	-0.2660-1.0825i	0.4112+0.8878i	0.2542-0.2200i	0.2766-0.2371i	0.4321-0.3713i	0.3630-0.3215i
33.4	0.9073-0.9511i	-0.4835+0.6140i	-0.2411-0.9958i	0.4420+0.7997i	0.2564-0.2303i	0.2751-0.2482i	0.4233-0.3926i	0.3749-0.3338i
33.5	0.9347-1.0464i	-0.4839+0.6769i	-0.2127-0.9805i	0.4468+0.7765i	0.2662-0.2556i	0.2830-0.2774i	0.4232-0.4388i	0.4000-0.3743i
33.6	0.9570-1.1665i	-0.4849+0.7346i	-0.1446-1.0069i	0.4142+0.7580i	0.2760-0.2862i	0.2912-0.3102i	0.4250-0.4926i	0.4236-0.4197i
33.7	0.9167-1.3023i	-0.4221+0.7983i	-0.1005-1.0034i	0.4284+0.7239i	0.2674-0.3162i	0.2780-0.3438i	0.3960-0.5455i	0.4169-0.4655i
33.8	0.8801-1.3996i	-0.3625+0.8153i	-0.0353-1.0106i	0.4263+0.6516i	0.2597-0.3381i	0.2659-0.3656i	0.3710-0.5783i	0.4078-0.4997i
33.9	0.8539-1.5131i	-0.3190+0.8145i	0.0485-1.0701i	0.3909+0.5815i	0.2576-0.3623i	0.2587-0.3878i	0.3544-0.6129i	0.4088-0.5385i
34.0	0.8594-1.7160i	-0.3203+0.8682i	0.1158-1.2900i	0.3350+0.6490i	0.2673-0.4137i	0.2675-0.4367i	0.3490-0.6951i	0.4384-0.6087i
34.1	0.7386-1.9468i	-0.2749+0.9361i	0.0287-1.5429i	0.3545+0.7501i	0.2481-0.4785i	0.2471-0.4996i	0.2904-0.7873i	0.4291-0.7079i
34.2	0.5678-2.1577i	-0.2081+0.9976i	-0.1285-1.7251i	0.4117+0.7933i	0.2134-0.5383i	0.2111-0.5590i	0.2128-0.8638i	0.3961-0.8103i
34.3	0.1656-2.3960i	-0.0545+1.0663i	-0.4546-1.9071i	0.5391+0.8177i	0.1228-0.6155i	0.1163-0.6351i	0.0434-0.9433i	0.2784-0.9581i
34.4	-0.3842-2.5664i	0.1876+1.1160i	-0.9062-2.0152i	0.7396+0.8312i	-0.0137-0.6782i	-0.0257-0.6974i	-0.1824-0.9863i	0.0803-1.0963i
34.5	-0.9145-2.3511i	0.3766+1.0064i	-1.3629-1.8894i	0.8965+0.7852i	-0.1615-0.6423i	-0.1747-0.6569i	-0.3862-0.8764i	-0.1635-1.0767i
34.6	-1.2767-2.0382i	0.5035+0.8688i	-1.7126-1.6934i	1.0253+0.6991i	-0.2696-0.5767i	-0.2816-0.5864i	-0.5201-0.7375i	-0.3524-0.9997i
34.7	-1.4958-1.3939i	0.5526+0.5724i	-1.9702-1.1139i	1.1096+0.3979i	-0.3449-0.4099i	-0.3536-0.4141i	-0.5728-0.4704i	-0.5102-0.7500i
34.8	-1.4728-0.9622i	0.5201+0.3865i	-2.0102-0.6291i	1.1269+0.1341i	-0.3475-0.2899i	-0.3537-0.2927i	-0.5352-0.2970i	-0.5423-0.5569i
34.9	-1.2955-0.7031i	0.4224+0.2922i	-1.8579-0.3236i	1.0320-0.0188i	-0.3048-0.2183i	-0.3087-0.2210i	-0.4452-0.2055i	-0.4929-0.4332i
35.0	-1.1603-0.4934i	0.3412+0.2180i	-1.7269-0.0196i	0.9423-0.1923i	-0.2708-0.1581i	-0.2732-0.1621i	-0.3755-0.1308i	-0.4523-0.3317i
35.1	-0.9835-0.3724i	0.2551+0.1809i	-1.4734+0.1632i	0.7777-0.2853i	-0.2209-0.1217i	-0.2234-0.1267i	-0.2944-0.0986i	-0.3793-0.2628i
35.2	-0.8173-0.2649i	0.1756+0.1459i	-1.2225+0.3018i	0.6020-0.3587i	-0.1765-0.0917i	-0.1781-0.0964i	-0.2228-0.0729i	-0.3156-0.2026i
35.3	-0.7013-0.2039i	0.1267+0.1290i	-1.0304+0.3751i	0.4785-0.3875i	-0.1444-0.0762i	-0.1459-0.0806i	-0.1744-0.0611i	-0.2666-0.1712i
35.4	-0.5942-0.1738i	0.0772+0.1295i	-0.8589+0.3823i	0.3664-0.3631i	-0.1143-0.0700i	-0.1158-0.0748i	-0.1318-0.0601i	-0.2195-0.1558i
35.5	-0.4797-0.1819i	0.0250+0.1487i	-0.6935+0.3323i	0.2582-0.2998i	-0.0816-0.0733i	-0.0828-0.0783i	-0.0879-0.0751i	-0.1652-0.1540i
35.6	-0.4040-0.1740i	0.0007+0.1501i	-0.5821+0.3226i	0.1905-0.2831i	-0.0621-0.0702i	-0.0635-0.0751i	-0.0622-0.0763i	-0.1339-0.1452i
35.7	-0.3209-0.1663i	-0.0422+0.1436i	-0.4653+0.2805i	0.1138-0.2471i	-0.0384-0.0686i	-0.0396-0.0742i	-0.0299-0.0799i	-0.0954-0.1396i
35.8	-0.2616-0.1987i	-0.0723+0.1573i	-0.4057+0.2050i	0.0885-0.1879i	-0.0205-0.0784i	-0.0210-0.0835i	-0.0090-0.0953i	-0.0622-0.1545i
35.9	-0.2048-0.2205i	-0.0969+0.1696i	-0.3396+0.1584i	0.0523-0.1491i	-0.0027-0.0860i	-0.0028-0.0908i	0.0109-0.1090i	-0.0279-0.1638i
36.0	-0.1612-0.2354i	-0.1240+0.1864i	-0.3161+0.1311i	0.0385-0.1183i	0.0097-0.0912i	0.0095-0.0969i	0.0268-0.1172i	-0.0072-0.1728i
36.1	-0.1230-0.2494i	-0.1413+0.1924i	-0.2825+0.1031i	0.0242-0.0934i	0.0218-0.0940i	0.0211-0.0998i	0.0423-0.1204i	0.0126-0.1796i
36.2	-0.0950-0.2914i	-0.1587+0.2191i	-0.2608+0.0588i	0.0148-0.0642i	0.0337-0.1084i	0.0323-0.1151i	0.0565-0.1392i	0.0317-0.2078i
36.3	-0.0861-0.3141i	-0.1639+0.2330i	-0.2403+0.0326i	0.0098-0.0512i	0.0406-0.1179i	0.0389-0.1248i	0.0653-0.1502i	0.0430-0.2264i
36.4	-0.0650-0.3261i	-0.1767+0.2369i	-0.2139+0.0169i	-0.0047-0.0411i	0.0520-0.1246i	0.0494-0.1309i	0.0806-0.1579i	0.0615-0.2402i
36.5	-0.0531-0.3551i	-0.1868+0.2541i	-0.2033-0.0086i	-0.0114-0.0297i	0.0583-0.1375i	0.0553-0.1442i	0.0875-0.1718i	0.0727-0.2664i
36.6	-0.0589-0.3788i	-0.1819+0.2768i	-0.1955-0.0294i	-0.0209-0.0122i	0.0569-0.1513i	0.0529-0.1576i	0.0844-0.1855i	0.0673-0.2950i
36.7	-0.0501-0.3935i	-0.1903+0.2878i	-0.1868-0.0400i	-0.0262-0.0026i	0.0619-0.1611i	0.0573-0.1671i	0.0914-0.1995i	0.0724-0.3097i
36.8	-0.0484-0.4086i	-0.1939+0.2997i	-0.1692-0.0463i	-0.0383+0.0029i	0.0659-0.1695i	0.0599-0.1762i	0.1002-0.2097i	0.0735-0.3274i
36.9	-0.0625-0.4209i	-0.1905+0.3168i	-0.1563-0.0625i	-0.0534+0.0172i	0.0641-0.1823i	0.0571-0.1889i	0.1010-0.2196i	0.0649-0.3572i
37.0	-0.0560-0.4234i	-0.1989+0.3212i	-0.1423-0.0747i	-0.0640+0.0233i	0.0663-0.1909i	0.0598-0.1961i	0.1086-0.2271i	0.0630-0.3737i
37.1	-0.0589-0.4468i	-0.2017+0.3415i	-0.1279-0.0942i	-0.0777+0.0349i	0.0646-0.2077i	0.0573-0.2117i	0.1123-0.2450i	0.0514-0.4052i

37.2	-0.0731-0.4523i	-0.1924+0.3461i	-0.1193-0.1057i	-0.0825+0.0417i	0.0596-0.2150i	0.0517-0.2181i	0.1137-0.2540i	0.0327-0.4173i
37.3	-0.0862-0.4435i	-0.1848+0.3490i	-0.1157-0.1131i	-0.0907+0.0469i	0.0532-0.2188i	0.0453-0.2213i	0.1116-0.2634i	0.0147-0.4187i
37.4	-0.0968-0.4451i	-0.1787+0.3577i	-0.1115-0.1233i	-0.1024+0.0587i	0.0491-0.2257i	0.0403-0.2266i	0.1138-0.2726i	-0.0026-0.4281i
37.5	-0.1020-0.4581i	-0.1727+0.3709i	-0.0983-0.1513i	-0.1175+0.0755i	0.0455-0.2422i	0.0358-0.2412i	0.1200-0.2993i	-0.0231-0.4480i
37.6	-0.1153-0.4543i	-0.1675+0.3768i	-0.0990-0.1688i	-0.1256+0.0817i	0.0372-0.2512i	0.0280-0.2491i	0.1101-0.3202i	-0.0395-0.4511i
37.7	-0.1358-0.4588i	-0.1488+0.3862i	-0.1148-0.1844i	-0.1247+0.0995i	0.0207-0.2604i	0.0123-0.2561i	0.0955-0.3393i	-0.0751-0.4560i
37.8	-0.1431-0.4423i	-0.1400+0.3862i	-0.1221-0.1909i	-0.1223+0.1100i	0.0119-0.2635i	0.0045-0.2572i	0.0917-0.3509i	-0.0963-0.4505i
37.9	-0.1506-0.4351i	-0.1372+0.3894i	-0.1222-0.2136i	-0.1276+0.1332i	0.0044-0.2710i	-0.0028-0.2631i	0.0852-0.3721i	-0.1138-0.4498i
38.0	-0.1565-0.4276i	-0.1327+0.3875i	-0.1254-0.2325i	-0.1324+0.1474i	-0.0080-0.2760i	-0.0135-0.2675i	0.0744-0.3867i	-0.1390-0.4507i
38.1	-0.1599-0.4165i	-0.1301+0.3902i	-0.1473-0.2401i	-0.1270+0.1612i	-0.0155-0.2755i	-0.0198-0.2665i	0.0638-0.3967i	-0.1506-0.4375i
38.2	-0.1614-0.4097i	-0.1201+0.3938i	-0.1557-0.2434i	-0.1164+0.1766i	-0.0290-0.2802i	-0.0312-0.2700i	0.0424-0.4099i	-0.1677-0.4362i
38.3	-0.1699-0.3955i	-0.1063+0.3893i	-0.1744-0.2389i	-0.1087+0.1828i	-0.0425-0.2776i	-0.0436-0.2666i	0.0215-0.4171i	-0.1860-0.4192i
38.4	-0.1766-0.3856i	-0.0977+0.3816i	-0.1828-0.2421i	-0.1033+0.1854i	-0.0489-0.2779i	-0.0493-0.2668i	0.0125-0.4264i	-0.1963-0.4103i
38.5	-0.1805-0.3745i	-0.0978+0.3804i	-0.2018-0.2412i	-0.0970+0.1892i	-0.0562-0.2771i	-0.0557-0.2656i	-0.0038-0.4288i	-0.2015-0.4056i
38.6	-0.1960-0.3574i	-0.0873+0.3738i	-0.2298-0.2375i	-0.0862+0.1921i	-0.0736-0.2723i	-0.0708-0.2611i	-0.0277-0.4329i	-0.2294-0.3844i
38.7	-0.2005-0.3377i	-0.0841+0.3646i	-0.2468-0.2195i	-0.0797+0.1907i	-0.0849-0.2674i	-0.0810-0.2565i	-0.0471-0.4370i	-0.2422-0.3647i
38.8	-0.1974-0.3198i	-0.0801+0.3580i	-0.2604-0.2037i	-0.0835+0.1869i	-0.0931-0.2673i	-0.0868-0.2558i	-0.0645-0.4488i	-0.2468-0.3529i
38.9	-0.1889-0.3026i	-0.0846+0.3479i	-0.2676-0.1859i	-0.0866+0.1844i	-0.1003-0.2584i	-0.0917-0.2479i	-0.0870-0.4348i	-0.2445-0.3386i
39.0	-0.1815-0.2831i	-0.0889+0.3400i	-0.2792-0.1673i	-0.0913+0.1838i	-0.1065-0.2488i	-0.0961-0.2397i	-0.0980-0.4255i	-0.2484-0.3195i
39.1	-0.1720-0.2727i	-0.0881+0.3469i	-0.2853-0.1457i	-0.0945+0.1862i	-0.1131-0.2469i	-0.1013-0.2389i	-0.1123-0.4311i	-0.2530-0.3087i
39.2	-0.1648-0.2619i	-0.0884+0.3426i	-0.2801-0.1204i	-0.0917+0.1876i	-0.1177-0.2393i	-0.1054-0.2322i	-0.1267-0.4202i	-0.2511-0.2965i
39.3	-0.1537-0.2529i	-0.0830+0.3391i	-0.2634-0.1023i	-0.0965+0.1941i	-0.1267-0.2326i	-0.1135-0.2269i	-0.1527-0.4102i	-0.2536-0.2903i
39.4	-0.1482-0.2448i	-0.0862+0.3387i	-0.2573-0.0814i	-0.0929+0.1984i	-0.1334-0.2262i	-0.1192-0.2221i	-0.1656-0.4039i	-0.2584-0.2788i
39.5	-0.1446-0.2349i	-0.0847+0.3376i	-0.2514-0.0623i	-0.0892+0.2067i	-0.1368-0.2202i	-0.1229-0.2172i	-0.1800-0.3961i	-0.2538-0.2696i
39.6	-0.1337-0.2253i	-0.0738+0.3377i	-0.2351-0.0524i	-0.0886+0.2143i	-0.1446-0.2114i	-0.1308-0.2104i	-0.2048-0.3844i	-0.2562-0.2573i
39.7	-0.1211-0.2132i	-0.0715+0.3315i	-0.2249-0.0493i	-0.0860+0.2159i	-0.1454-0.2038i	-0.1318-0.2040i	-0.2126-0.3689i	-0.2516-0.2516i
39.8	-0.1138-0.2008i	-0.0733+0.3341i	-0.2192-0.0347i	-0.0808+0.2164i	-0.1487-0.1977i	-0.1348-0.1992i	-0.2207-0.3590i	-0.2519-0.2431i
39.9	-0.1051-0.2028i	-0.0685+0.3312i	-0.2058-0.0225i	-0.0798+0.2201i	-0.1518-0.1929i	-0.1381-0.1958i	-0.2277-0.3521i	-0.2558-0.2362i
40.0	-0.0924-0.2047i	-0.0687+0.3269i	-0.1881-0.0092i	-0.0763+0.2196i	-0.1519-0.1863i	-0.1390-0.1905i	-0.2336-0.3409i	-0.2505-0.2289i
40.1	-0.0857-0.1989i	-0.0687+0.3160i	-0.1762-0.0007i	-0.0655+0.2214i	-0.1547-0.1768i	-0.1424-0.1813i	-0.2453-0.3217i	-0.2479-0.2195i
40.2	-0.0794-0.1914i	-0.0760+0.3022i	-0.1633-0.0035i	-0.0720+0.2173i	-0.1542-0.1682i	-0.1421-0.1726i	-0.2470-0.3034i	-0.2467-0.2112i
40.3	-0.0678-0.1842i	-0.0790+0.2981i	-0.1512+0.0042i	-0.0735+0.2181i	-0.1546-0.1613i	-0.1428-0.1674i	-0.2500-0.2939i	-0.2462-0.2015i
40.4	-0.0516-0.1869i	-0.0812+0.2964i	-0.1430+0.0082i	-0.0665+0.2113i	-0.1515-0.1525i	-0.1408-0.1597i	-0.2490-0.2776i	-0.2399-0.1918i
40.5	-0.0389-0.1739i	-0.0823+0.2884i	-0.1334+0.0099i	-0.0667+0.2042i	-0.1505-0.1464i	-0.1395-0.1531i	-0.2494-0.2649i	-0.2347-0.1855i
40.6	-0.0366-0.1699i	-0.0785+0.2896i	-0.1193+0.0158i	-0.0712+0.2103i	-0.1507-0.1428i	-0.1396-0.1494i	-0.2511-0.2542i	-0.2330-0.1853i
40.7	-0.0329-0.1685i	-0.0749+0.2817i	-0.0948+0.0173i	-0.0784+0.1965i	-0.1499-0.1343i	-0.1392-0.1409i	-0.2545-0.2386i	-0.2283-0.1742i
40.8	-0.0214-0.1674i	-0.0786+0.2754i	-0.0813+0.0164i	-0.0769+0.1921i	-0.1502-0.1266i	-0.1407-0.1345i	-0.2581-0.2240i	-0.2264-0.1673i
40.9	-0.0075-0.1643i	-0.0835+0.2728i	-0.0709+0.0097i	-0.0772+0.2023i	-0.1488-0.1212i	-0.1394-0.1297i	-0.2560-0.2127i	-0.2240-0.1623i
41.0	0.0037-0.1610i	-0.0920+0.2644i	-0.0572+0.0089i	-0.0804+0.2137i	-0.1460-0.1163i	-0.1367-0.1252i	-0.2514-0.2068i	-0.2216-0.1538i
41.1	0.0130-0.1600i	-0.0959+0.2604i	-0.0493+0.0157i	-0.0838+0.2101i	-0.1425-0.1137i	-0.1336-0.1231i	-0.2494-0.1993i	-0.2141-0.1538i
41.2	0.0190-0.1590i	-0.1019+0.2618i	-0.0448+0.0138i	-0.0825+0.2158i	-0.1370-0.1099i	-0.1286-0.1203i	-0.2419-0.1886i	-0.2048-0.1532i
41.3	0.0251-0.1483i	-0.1039+0.2476i	-0.0401+0.0082i	-0.0789+0.2099i	-0.1363-0.1012i	-0.1282-0.1122i	-0.2407-0.1709i	-0.2048-0.1452i
41.4	0.0417-0.1458i	-0.1196+0.2357i	-0.0272+0.0086i	-0.0935+0.1922i	-0.1301-0.0941i	-0.1225-0.1053i	-0.2326-0.1579i	-0.1945-0.1350i
41.5	0.0387-0.1554i	-0.1190+0.2465i	-0.0168+0.0136i	-0.0929+0.2040i	-0.1274-0.0951i	-0.1200-0.1062i	-0.2273-0.1590i	-0.1940-0.1355i
41.6	0.0485-0.1569i	-0.1269+0.2439i	-0.0074+0.0077i	-0.0932+0.2055i	-0.1236-0.0921i	-0.1169-0.1034i	-0.2222-0.1540i	-0.1888-0.1337i
41.7	0.0692-0.1522i	-0.1439+0.2389i	-0.0067-0.0002i	-0.1043+0.2036i	-0.1169-0.0895i	-0.1097-0.1013i	-0.2100-0.1489i	-0.1786-0.1312i
41.8	0.0831-0.1499i	-0.1471+0.2329i	-0.0039-0.0066i	-0.1049+0.2181i	-0.1138-0.0884i	-0.1060-0.1000i	-0.2067-0.1448i	-0.1704-0.1309i
41.9	0.0868-0.1502i	-0.1437+0.2299i	0.0043-0.0053i	-0.0957+0.2134i	-0.1131-0.0872i	-0.1060-0.0996i	-0.2088-0.1380i	-0.1683-0.1345i
42.0	0.0876-0.1522i	-0.1554+0.2366i	0.0044+0.0007i	-0.0982+0.2141i	-0.1082-0.0873i	-0.1013-0.1006i	-0.1991-0.1321i	-0.1660-0.1415i
42.1	0.0980-0.1611i	-0.1687+0.2428i	0.0109+0.0019i	-0.1136+0.2207i	-0.1025-0.0851i	-0.0962-0.0988i	-0.1905-0.1292i	-0.1586-0.1405i
42.2	0.1146-0.1684i	-0.1835+0.2424i	0.0281-0.0061i	-0.1210+0.2375i	-0.1003-0.0840i	-0.0948-0.0982i	-0.1840-0.1225i	-0.1578-0.1417i
42.3	0.1207-0.1654i	-0.1914+0.2455i	0.0331-0.0080i	-0.1170+0.2421i	-0.0988-0.0862i	-0.0936-0.1008i	-0.1774-0.1271i	-0.1608-0.1443i
42.4	0.1203-0.1692i	-0.1901+0.2524i	0.0355-0.0094i	-0.1145+0.2506i	-0.0968-0.0861i	-0.0923-0.1017i	-0.1724-0.1279i	-0.1599-0.1454i
42.5	0.1264-0.1689i	-0.1766+0.2566i	0.0370-0.0059i	-0.0959+0.2597i	-0.1000-0.0871i	-0.0970-0.1031i	-0.1792-0.1259i	-0.1666-0.1506i
42.6	0.1328-0.1721i	-0.1906+0.2638i	0.0384+0.0008i	-0.0862+0.2532i	-0.0947-0.0875i	-0.0929-0.1033i	-0.1717-0.1280i	-0.1621-0.1476i
42.7	0.1449-0.1732i	-0.1958+0.2659i	0.0509+0.0151i	-0.0815+0.2481i	-0.0929-0.0864i	-0.0919-0.1027i	-0.1690-0.1275i	-0.1596-0.1449i
42.8	0.1495-0.1710i	-0.2010+0.2553i	0.0634+0.0083i	-0.0910+0.2435i	-0.0912-0.0831i	-0.0911-0.0993i	-0.1689-0.1196i	-0.1556-0.1412i
42.9	0.1585-0.1789i	-0.2194+0.2690i	0.0693+0.0032i	-0.1065+0.2553i	-0.0870-0.0851i	-0.0868-0.1016i	-0.1611-0.1193i	-0.1497-0.1477i
43.0	0.1639-0.1817i	-0.2199+0.2874i	0.0849+0.0062i	-0.1019+0.2689i	-0.0886-0.0884i	-0.0889-0.1057i	-0.1633-0.1200i	-0.1543-0.1587i
43.1	0.1694-0.1821i	-0.2068+0.2890i	0.0880-0.0021i	-0.0746+0.2785i	-0.0937-0.0882i	-0.0953-0.1054i	-0.1636-0.1200i	-0.1725-0.1559i
43.2	0.1784-0.1800i	-0.2063+0.2904i	0.0859+0.0044i	-0.0516+0.2672i	-0.0956-0.0864i	-0.0981-0.1036i	-0.1602-0.1211i	-0.1829-0.1462i
43.3	0.1853-0.1770i	-0.2037+0.2809i	0.1032+0.0090i	-0.0548+0.2446i	-0.0952-0.0807i	-0.0985-0.0966i	-0.1590-0.1156i	-0.1830-0.1329i
43.4	0.1980-0.1799i	-0.2087+0.2643i	0.1217-0.0125i	-0.0679+0.2392i	-0.0918-0.0726i	-0.0953-0.0865i	-0.1533-0.1033i	-0.1781-0.1169i

43.5	0.2003−0.1851i	−0.2206+0.2758i	0.1324−0.0164i	−0.0806+0.2477i	−0.0861−0.0733i	−0.0896−0.0872i	−0.1483−0.1058i	−0.1644−0.1163i
43.6	0.2098−0.1822i	−0.2238+0.2830i	0.1306−0.0236i	−0.0826+0.2680i	−0.0844−0.0769i	−0.0884−0.0913i	−0.1469−0.1122i	−0.1609−0.1217i
43.7	0.2123−0.1847i	−0.2151+0.2845i	0.1301−0.0157i	−0.0583+0.2745i	−0.0861−0.0772i	−0.0907−0.0917i	−0.1470−0.1120i	−0.1673−0.1218i
43.8	0.2232−0.1826i	−0.2221+0.2866i	0.1578−0.0004i	−0.0651+0.2558i	−0.0849−0.0738i	−0.0903−0.0883i	−0.1466−0.1122i	−0.1639−0.1120i
43.9	0.2314−0.1760i	−0.2196+0.2776i	0.1748−0.0244i	−0.0657+0.2586i	−0.0838−0.0722i	−0.0900−0.0848i	−0.1484−0.1082i	−0.1598−0.1068i
44.0	0.2467−0.1790i	−0.2226+0.2671i	0.1767−0.0349i	−0.0716+0.2589i	−0.0802−0.0686i	−0.0863−0.0808i	−0.1438−0.1010i	−0.1517−0.1040i
44.1	0.2622−0.1817i	−0.2365+0.2708i	0.1948−0.0427i	−0.0835+0.2533i	−0.0763−0.0677i	−0.0821−0.0790i	−0.1386−0.1028i	−0.1456−0.0977i
44.2	0.2621−0.1804i	−0.2448+0.2806i	0.2006−0.0700i	−0.0784+0.2868i	−0.0749−0.0691i	−0.0808−0.0810i	−0.1355−0.1023i	−0.1443−0.1032i
44.3	0.2733−0.1852i	−0.2333+0.2745i	0.1828−0.1053i	−0.0335+0.3123i	−0.0782−0.0685i	−0.0847−0.0795i	−0.1416−0.0955i	−0.1524−0.1060i
44.4	0.2927−0.1947i	−0.2398+0.2617i	0.1387−0.0929i	0.0218+0.2827i	−0.0797−0.0642i	−0.0864−0.0754i	−0.1392−0.0945i	−0.1576−0.0972i
44.5	0.3065−0.2014i	−0.2513+0.2553i	0.1476−0.0583i	0.0152+0.2381i	−0.0769−0.0605i	−0.0836−0.0717i	−0.1396−0.0967i	−0.1464−0.0818i
44.6	0.3111−0.2042i	−0.2465+0.2559i	0.1657−0.0514i	−0.0032+0.2254i	−0.0753−0.0588i	−0.0818−0.0689i	−0.1401−0.0958i	−0.1398−0.0738i
44.7	0.3325−0.2089i	−0.2709+0.2538i	0.1800−0.0423i	−0.0225+0.1972i	−0.0694−0.0555i	−0.0755−0.0666i	−0.1380−0.0897i	−0.1231−0.0718i
44.8	0.3448−0.2195i	−0.2836+0.2606i	0.1991−0.0397i	−0.0343+0.1858i	−0.0660−0.0541i	−0.0720−0.0663i	−0.1368−0.0843i	−0.1152−0.0756i
44.9	0.3548−0.2317i	−0.3023+0.2577i	0.2408−0.0584i	−0.0830+0.1835i	−0.0587−0.0496i	−0.0638−0.0614i	−0.1299−0.0742i	−0.0969−0.0725i
45.0	0.3705−0.2382i	−0.3149+0.2783i	0.2488−0.0829i	−0.1024+0.2190i	−0.0547−0.0537i	−0.0597−0.0662i	−0.1245−0.0754i	−0.0892−0.0820i
45.1	0.3900−0.2463i	−0.3137+0.2831i	0.2295−0.1205i	−0.0733+0.2520i	−0.0552−0.0548i	−0.0608−0.0667i	−0.1232−0.0692i	−0.0953−0.0886i
45.2	0.3890−0.2586i	−0.3275+0.2850i	0.2195−0.1339i	−0.0562+0.2441i	−0.0509−0.0504i	−0.0576−0.0618i	−0.1120−0.0628i	−0.0964−0.0822i
45.3	0.3998−0.2654i	−0.3374+0.2894i	0.2053−0.1260i	−0.0336+0.2461i	−0.0479−0.0513i	−0.0546−0.0635i	−0.1065−0.0681i	−0.0918−0.0798i
45.4	0.4197−0.2810i	−0.3447+0.2903i	0.2209−0.1005i	−0.0363+0.2172i	−0.0452−0.0511i	−0.0508−0.0632i	−0.1084−0.0692i	−0.0819−0.0791i
45.5	0.4346−0.2988i	−0.3619+0.2859i	0.2471−0.1304i	−0.0523+0.2330i	−0.0404−0.0488i	−0.0457−0.0604i	−0.1017−0.0664i	−0.0742−0.0739i
45.6	0.4454−0.3090i	−0.3648+0.3007i	0.2340−0.1313i	−0.0517+0.2227i	−0.0347−0.0501i	−0.0416−0.0620i	−0.0961−0.0686i	−0.0642−0.0778i
45.7	0.4568−0.3140i	−0.3677+0.3193i	0.2667−0.1265i	−0.0855+0.2300i	−0.0323−0.0524i	−0.0405−0.0654i	−0.0962−0.0671i	−0.0569−0.0909i
45.8	0.4609−0.3439i	−0.3869+0.3365i	0.2771−0.1702i	−0.0885+0.2607i	−0.0317−0.0524i	−0.0384−0.0651i	−0.0949−0.0572i	−0.0535−0.0964i
45.9	0.4635−0.3706i	−0.3930+0.3400i	0.2405−0.2071i	−0.0635+0.2709i	−0.0271−0.0507i	−0.0352−0.0650i	−0.0856−0.0503i	−0.0514−0.0983i
46.0	0.4654−0.3794i	−0.3953+0.3443i	0.2157−0.2052i	−0.0382+0.2752i	−0.0242−0.0510i	−0.0340−0.0650i	−0.0766−0.0523i	−0.0548−0.0976i
46.1	0.4815−0.4049i	−0.4012+0.3493i	0.2130−0.2137i	−0.0049+0.2483i	−0.0202−0.0499i	−0.0301−0.0642i	−0.0711−0.0574i	−0.0456−0.0857i
46.2	0.4862−0.4236i	−0.3956+0.3488i	0.2321−0.1871i	0.0084+0.2021i	−0.0113−0.0503i	−0.0216−0.0654i	−0.0670−0.0586i	−0.0232−0.0859i
46.3	0.4788−0.4330i	−0.4096+0.3648i	0.2706−0.2026i	−0.0546+0.2102i	−0.0097−0.0545i	−0.0189−0.0686i	−0.0711−0.0572i	−0.0106−0.1020i
46.4	0.4809−0.4637i	−0.4362+0.3685i	0.2187−0.2801i	−0.0455+0.2648i	−0.0081−0.0520i	−0.0187−0.0668i	−0.0678−0.0415i	−0.0109−0.1134i
46.5	0.4916−0.4888i	−0.4411+0.3876i	0.1623−0.2481i	0.0372+0.2406i	−0.0005−0.0513i	−0.0136−0.0668i	−0.0485−0.0333i	−0.0119−0.1186i
46.6	0.4904−0.5150i	−0.4385+0.4008i	0.1556−0.1765i	0.0414+0.1817i	0.0055−0.0560i	−0.0095−0.0701i	−0.0317−0.0421i	−0.0101−0.1261i
46.7	0.4771−0.5243i	−0.4360+0.4235i	0.1926−0.1565i	−0.0054+0.1584i	0.0102−0.0614i	−0.0053−0.0744i	−0.0259−0.0498i	−0.0051−0.1314i
46.8	0.4611−0.5305i	−0.4437+0.4317i	0.2341−0.1608i	−0.0338+0.1427i	0.0150−0.0643i	−0.0018−0.0775i	−0.0190−0.0538i	0.0008−0.1338i
46.9	0.4709−0.5463i	−0.4435+0.4277i	0.2498−0.1933i	−0.0351+0.1672i	0.0175−0.0646i	−0.0001−0.0780i	−0.0154−0.0497i	0.0090−0.1361i
47.0	0.4723−0.5703i	−0.4540+0.4356i	0.2156−0.2264i	−0.0105+0.1907i	0.0228−0.0659i	0.0046−0.0798i	−0.0063−0.0437i	0.0142−0.1490i
47.1	0.4634−0.5966i	−0.4658+0.4642i	0.1971−0.1939i	−0.0056+0.1351i	0.0307−0.0701i	0.0113−0.0822i	0.0170−0.0464i	0.0146−0.1590i
47.2	0.4437−0.6055i	−0.4706+0.4898i	0.2319−0.1653i	−0.0488+0.1211i	0.0326−0.0755i	0.0132−0.0868i	0.0203−0.0578i	0.0121−0.1621i
47.3	0.4232−0.6166i	−0.4590+0.5015i	0.2737−0.1912i	−0.0756+0.1431i	0.0347−0.0800i	0.0147−0.0909i	0.0228−0.0658i	0.0173−0.1687i
47.4	0.4238−0.6186i	−0.4382+0.5186i	0.2792−0.2177i	−0.0766+0.1802i	0.0382−0.0834i	0.0153−0.0940i	0.0288−0.0697i	0.0216−0.1742i
47.5	0.4277−0.6200i	−0.4406+0.5240i	0.2623−0.2499i	−0.0756+0.2051i	0.0397−0.0880i	0.0165−0.0973i	0.0290−0.0725i	0.0207−0.1835i
47.6	0.4079−0.6284i	−0.4442+0.5177i	0.2260−0.2610i	−0.0447+0.2185i	0.0396−0.0873i	0.0157−0.0970i	0.0310−0.0647i	0.0188−0.1884i
47.7	0.4055−0.6253i	−0.4423+0.5205i	0.2082−0.2556i	0.0067+0.2012i	0.0450−0.0876i	0.0201−0.0959i	0.0465−0.0610i	0.0210−0.1955i
47.8	0.4065−0.6335i	−0.4402+0.5274i	0.2073−0.2508i	0.0276+0.1359i	0.0547−0.0960i	0.0282−0.1018i	0.0686−0.0753i	0.0249−0.2135i
47.9	0.4171−0.6366i	−0.4416+0.5307i	0.2188−0.2165i	−0.0051+0.1249i	0.0578−0.0990i	0.0308−0.1027i	0.0783−0.0788i	0.0242−0.2090i
48.0	0.4247−0.6558i	−0.4425+0.5457i	0.2184−0.2253i	−0.0264+0.1437i	0.0602−0.1014i	0.0337−0.1057i	0.0840−0.0802i	0.0240−0.2112i
48.1	0.4137−0.6566i	−0.4445+0.5487i	0.2189−0.2245i	−0.0326+0.1194i	0.0665−0.1053i	0.0387−0.1079i	0.1015−0.0894i	0.0229−0.2133i
48.2	0.4094−0.6703i	−0.4503+0.5609i	0.2415−0.2432i	−0.0538+0.1399i	0.0686−0.1106i	0.0420−0.1132i	0.1080−0.0995i	0.0234−0.2178i
48.3	0.4167−0.6867i	−0.4635+0.5817i	0.2164−0.2523i	−0.0431+0.1449i	0.0738−0.1169i	0.0478−0.1194i	0.1184−0.1102i	0.0279−0.2257i
48.4	0.4149−0.6884i	−0.4779+0.5882i	0.2057−0.2331i	−0.0413+0.1184i	0.0789−0.1235i	0.0522−0.1242i	0.1244−0.1243i	0.0347−0.2274i
48.5	0.4367−0.6826i	−0.4834+0.5734i	0.2367−0.2401i	−0.0599+0.1242i	0.0859−0.1273i	0.0605−0.1265i	0.1355−0.1306i	0.0499−0.2300i
48.6	0.4369−0.7093i	−0.4761+0.5910i	0.2342−0.2728i	−0.0576+0.1383i	0.0883−0.1371i	0.0616−0.1358i	0.1425−0.1444i	0.0480−0.2534i
48.7	0.4341−0.6974i	−0.4813+0.6030i	0.2030−0.2691i	−0.0396+0.1475i	0.0911−0.1387i	0.0630−0.1377i	0.1480−0.1471i	0.0448−0.2541i
48.8	0.4374−0.7072i	−0.5080+0.6091i	0.1465−0.2583i	−0.0012+0.1172i	0.0950−0.1457i	0.0671−0.1421i	0.1590−0.1544i	0.0432−0.2630i
48.9	0.4467−0.7347i	−0.5327+0.6170i	0.1461−0.2352i	−0.0124+0.0496i	0.1011−0.1546i	0.0732−0.1491i	0.1726−0.1698i	0.0486−0.2719i
49.0	0.4605−0.7656i	−0.5593+0.6496i	0.2074−0.1833i	−0.0616+0.0011i	0.1110−0.1653i	0.0838−0.1584i	0.1904−0.1938i	0.0619−0.2800i
49.1	0.4858−0.7800i	−0.5570+0.6798i	0.2485−0.1704i	−0.0835−0.0055i	0.1172−0.1739i	0.0901−0.1660i	0.2026−0.2095i	0.0700−0.2878i
49.2	0.4998−0.7791i	−0.5328+0.7104i	0.2921−0.1720i	−0.1160+0.0038i	0.1190−0.1810i	0.0918−0.1712i	0.2028−0.2210i	0.0746−0.2907i
49.3	0.4911−0.7944i	−0.5318+0.7311i	0.3407−0.2089i	−0.1456+0.0547i	0.1238−0.1862i	0.0962−0.1769i	0.2035−0.2317i	0.0851−0.2938i
49.4	0.5096−0.8399i	−0.5485+0.7376i	0.3015−0.2605i	−0.1135+0.0773i	0.1305−0.1991i	0.1012−0.1892i	0.2128−0.2462i	0.0927−0.3199i
49.5	0.5214−0.8920i	−0.5761+0.7823i	0.2609−0.2476i	−0.0888+0.0204i	0.1359−0.2222i	0.1072−0.2079i	0.2308−0.2799i	0.0934−0.3523i
49.6	0.5052−0.9237i	−0.6547+0.8241i	0.2396−0.2446i	−0.1956+0.0009i	0.1391−0.2349i	0.1131−0.2200i	0.2283−0.3058i	0.0912−0.3689i
49.7	0.5048−0.9376i	−0.6740+0.9202i	0.2381−0.1731i	−0.2657+0.1101i	0.1430−0.2434i	0.1172−0.2312i	0.2298−0.3123i	0.0933−0.3702i

49.8	0.5332-0.9856i	-0.6252+0.9578i	0.2860-0.2092i	-0.1548+0.1461i	0.1509-0.2617i	0.1218-0.2482i	0.2457-0.3323i	0.1143-0.4028i
49.9	0.5255-1.0738i	-0.6366+0.9838i	0.2360-0.2495i	-0.1311+0.0263i	0.1542-0.2933i	0.1269-0.2745i	0.2608-0.3814i	0.1120-0.4550i
50.0	0.5214-1.1349i	-0.6441+0.9797i	0.2554-0.2877i	-0.1896-0.0671i	0.1532-0.3135i	0.1273-0.2925i	0.2595-0.4213i	0.1072-0.4857i
50.1	0.5010-1.2123i	-0.6355+0.9951i	0.2845-0.3992i	-0.2334-0.0659i	0.1483-0.3424i	0.1234-0.3190i	0.2453-0.4692i	0.1018-0.5378i
50.2	0.4621-1.2190i	-0.5836+1.0715i	0.2573-0.3580i	-0.1708+0.0208i	0.1439-0.3580i	0.1186-0.3329i	0.2528-0.4768i	0.0866-0.5552i
50.3	0.4066-1.2452i	-0.5751+1.1181i	0.2082-0.2722i	-0.1935-0.0165i	0.1317-0.3722i	0.1096-0.3449i	0.2507-0.5039i	0.0565-0.5602i
50.4	0.3695-1.2743i	-0.5687+1.1727i	0.2393-0.2052i	-0.2656-0.0344i	0.1208-0.3883i	0.1007-0.3614i	0.2306-0.5434i	0.0384-0.5699i
50.5	0.3792-1.3208i	-0.5567+1.2268i	0.2895-0.2496i	-0.3054+0.0079i	0.1189-0.4100i	0.0986-0.3827i	0.2240-0.5778i	0.0388-0.5957i
50.6	0.3247-1.3792i	-0.5366+1.3111i	0.2712-0.2768i	-0.3112-0.0018i	0.1067-0.4353i	0.0896-0.4065i	0.2094-0.6234i	0.0205-0.6284i
50.7	0.3009-1.4463i	-0.4898+1.3478i	0.2965-0.2611i	-0.3233-0.0367i	0.0958-0.4670i	0.0804-0.4385i	0.1912-0.6775i	0.0150-0.6744i
50.8	0.2481-1.4504i	-0.4394+1.3719i	0.3375-0.2771i	-0.3777-0.0011i	0.0752-0.4775i	0.0613-0.4486i	0.1566-0.6904i	-0.0137-0.6882i
50.9	0.1830-1.4985i	-0.3997+1.4291i	0.3278-0.3262i	-0.3895+0.0322i	0.0568-0.4965i	0.0429-0.4655i	0.1282-0.7153i	-0.0408-0.7151i
51.0	0.0947-1.5372i	-0.3009+1.4842i	0.3081-0.2975i	-0.3987+0.0020i	0.0256-0.5206i	0.0157-0.4888i	0.0948-0.7565i	-0.1023-0.7429i
51.1	0.0524-1.5552i	-0.2738+1.5032i	0.3567-0.3176i	-0.4515+0.0455i	0.0135-0.5364i	0.0032-0.5065i	0.0655-0.7874i	-0.1135-0.7631i
51.2	-0.0054-1.5618i	-0.1842+1.5097i	0.3298-0.3435i	-0.4354+0.1015i	-0.0142-0.5442i	-0.0238-0.5129i	0.0226-0.7938i	-0.1523-0.7695i
51.3	-0.0747-1.5676i	-0.1129+1.5525i	0.2928-0.3470i	-0.4446+0.0907i	-0.0443-0.5559i	-0.0511-0.5221i	-0.0154-0.8086i	-0.2096-0.7874i
51.4	-0.1398-1.5587i	-0.0301+1.5651i	0.2554-0.3312i	-0.4439+0.0665i	-0.0740-0.5635i	-0.0776-0.5282i	-0.0525-0.8189i	-0.2584-0.7922i
51.5	-0.2194-1.5398i	0.0169+1.5615i	0.3773-0.3070i	-0.5571+0.0597i	-0.1055-0.5657i	-0.1066-0.5356i	-0.1001-0.8427i	-0.2991-0.7883i
51.6	-0.2758-1.5387i	0.0479+1.5562i	0.4089-0.3624i	-0.5806+0.1260i	-0.1212-0.5655i	-0.1221-0.5361i	-0.1279-0.8506i	-0.3131-0.7833i
51.7	-0.3477-1.5789i	0.1286+1.5887i	0.3318-0.3947i	-0.5260+0.1634i	-0.1548-0.5827i	-0.1540-0.5528i	-0.1853-0.8785i	-0.3528-0.8056i
51.8	-0.3925-1.5543i	0.1757+1.5913i	0.3590-0.3707i	-0.5585+0.1785i	-0.1748-0.5857i	-0.1734-0.5571i	-0.2191-0.8840i	-0.3801-0.8087i
51.9	-0.4557-1.5415i	0.2473+1.5879i	0.4024-0.4024i	-0.5865+0.2267i	-0.2065-0.5857i	-0.2043-0.5577i	-0.2711-0.8800i	-0.4224-0.8105i
52.0	-0.5318-1.5277i	0.3100+1.5712i	0.3776-0.4764i	-0.5754+0.2729i	-0.2388-0.5829i	-0.2367-0.5520i	-0.3252-0.8561i	-0.4679-0.8201i
52.1	-0.6141-1.4909i	0.3867+1.5472i	0.3496-0.5001i	-0.5634+0.2983i	-0.2692-0.5756i	-0.2640-0.5447i	-0.3537-0.8410i	-0.5277-0.8090i
52.2	-0.6815-1.4618i	0.4592+1.5302i	0.2925-0.4914i	-0.5298+0.3053i	-0.3003-0.5701i	-0.2904-0.5394i	-0.3789-0.8373i	-0.5852-0.7950i
52.3	-0.7305-1.4030i	0.5029+1.4943i	0.3035-0.4066i	-0.5681+0.2739i	-0.3269-0.5559i	-0.3138-0.5285i	-0.4020-0.8357i	-0.6378-0.7588i
52.4	-0.7388-1.3706i	0.5373+1.4798i	0.3846-0.4440i	-0.6491+0.3394i	-0.3384-0.5442i	-0.3271-0.5199i	-0.4237-0.8378i	-0.6546-0.7278i
52.5	-0.8206-1.3571i	0.6367+1.4599i	0.3348-0.5612i	-0.5837+0.4672i	-0.3720-0.5427i	-0.3602-0.5185i	-0.4912-0.8449i	-0.6889-0.7114i
52.6	-0.8979-1.3145i	0.7175+1.4226i	0.2397-0.5486i	-0.4975+0.4745i	-0.4059-0.5376i	-0.3925-0.5145i	-0.5494-0.8370i	-0.7289-0.6999i
52.7	-0.9233-1.2304i	0.7444+1.3445i	0.2951-0.4680i	-0.5335+0.4408i	-0.4298-0.5071i	-0.4178-0.4888i	-0.5927-0.7990i	-0.7597-0.6548i
52.8	-0.9457-1.1940i	0.7641+1.3116i	0.3330-0.5749i	-0.5323+0.5494i	-0.4414-0.4932i	-0.4327-0.4752i	-0.6167-0.7784i	-0.7791-0.6311i
52.9	-0.9883-1.1380i	0.8115+1.2735i	0.2516-0.5913i	-0.4556+0.5669i	-0.4639-0.4799i	-0.4527-0.4600i	-0.6431-0.7496i	-0.8154-0.6140i
53.0	-1.0296-1.0504i	0.8648+1.1938i	0.2348-0.5656i	-0.4323+0.5509i	-0.4897-0.4528i	-0.4782-0.4330i	-0.6657-0.7066i	-0.8652-0.5738i
53.1	-1.0492-0.9781i	0.9097+1.1219i	0.1780-0.5423i	-0.3702+0.5420i	-0.5094-0.4249i	-0.4969-0.4069i	-0.6892-0.6913i	-0.9009-0.5053i
53.2	-1.0434-0.9118i	0.9134+1.0563i	0.1311-0.4921i	-0.3299+0.5137i	-0.5142-0.4036i	-0.4995-0.3870i	-0.7089-0.6842i	-0.8923-0.4512i
53.3	-1.0342-0.8509i	0.9192+0.9978i	0.1659-0.4309i	-0.3459+0.4795i	-0.5218-0.3805i	-0.5089-0.3660i	-0.7527-0.6546i	-0.8732-0.4137i
53.4	-1.0376-0.7927i	0.9396+0.9436i	0.2544-0.4419i	-0.3627+0.4905i	-0.5418-0.3568i	-0.5350-0.3425i	-0.8152-0.5843i	-0.8834-0.4081i
53.5	-1.0311-0.7564i	0.9362+0.8977i	0.2619-0.4715i	-0.3688+0.4923i	-0.5479-0.3319i	-0.5394-0.3178i	-0.8055-0.5358i	-0.9070-0.3796i
53.6	-1.0194-0.7227i	0.9112+0.8365i	0.3007-0.4609i	-0.4076+0.4681i	-0.5451-0.2990i	-0.5356-0.2873i	-0.7865-0.5121i	-0.9175-0.3077i
53.7	-1.0242-0.7178i	0.9207+0.8308i	0.3516-0.4788i	-0.4515+0.4969i	-0.5449-0.2966i	-0.5378-0.2855i	-0.7942-0.5223i	-0.9135-0.2912i
53.8	-1.0105-0.6565i	0.9245+0.7949i	0.3923-0.5988i	-0.4742+0.6055i	-0.5431-0.2814i	-0.5380-0.2662i	-0.8010-0.4923i	-0.8997-0.2657i
53.9	-0.9945-0.6029i	0.9182+0.7484i	0.3212-0.7174i	-0.4193+0.7074i	-0.5424-0.2632i	-0.5354-0.2432i	-0.7909-0.4586i	-0.8998-0.2335i
54.0	-0.9898-0.5632i	0.9070+0.7105i	0.2332-0.7377i	-0.3431+0.7154i	-0.5435-0.2479i	-0.5351-0.2286i	-0.7982-0.4477i	-0.8902-0.2006i
54.1	-0.9712-0.5087i	0.8903+0.6516i	0.1694-0.6631i	-0.2897+0.6613i	-0.5439-0.2266i	-0.5334-0.2106i	-0.8144-0.4256i	-0.8740-0.1618i
54.2	-0.9455-0.5083i	0.8883+0.6514i	0.2366-0.7449i	-0.3257+0.7275i	-0.5436-0.2221i	-0.5344-0.2061i	-0.8217-0.4198i	-0.8714-0.1533i
54.3	-0.9444-0.4955i	0.9010+0.6210i	0.1007-0.8081i	-0.2107+0.7637i	-0.5505-0.2145i	-0.5369-0.1961i	-0.8333-0.4105i	-0.8752-0.1349i
54.4	-0.9472-0.4536i	0.9110+0.5682i	-0.0243-0.7301i	-0.1080+0.7178i	-0.5596-0.1948i	-0.5434-0.1783i	-0.8607-0.3833i	-0.8695-0.1023i
54.5	-0.9321-0.4241i	0.8917+0.5488i	-0.0826-0.6442i	-0.0665+0.6521i	-0.5593-0.1838i	-0.5419-0.1732i	-0.8691-0.3752i	-0.8566-0.0899i
54.6	-0.9002-0.3974i	0.8629+0.5215i	-0.0641-0.5220i	-0.0781+0.5675i	-0.5536-0.1695i	-0.5371-0.1628i	-0.8714-0.3609i	-0.8361-0.0655i
54.7	-0.8806-0.3726i	0.8273+0.4977i	0.0729-0.4966i	-0.1666+0.5513i	-0.5481-0.1557i	-0.5379-0.1474i	-0.8823-0.3299i	-0.8181-0.0518i
54.8	-0.8659-0.3428i	0.8247+0.4781i	0.0588-0.6068i	-0.1321+0.6247i	-0.5496-0.1426i	-0.5399-0.1322i	-0.8937-0.2921i	-0.8128-0.0485i
54.9	-0.8458-0.3168i	0.8101+0.4301i	-0.0813-0.6057i	-0.0229+0.5982i	-0.5519-0.1269i	-0.5395-0.1142i	-0.8967-0.2539i	-0.8080-0.0336i
55.0	-0.8304-0.3035i	0.8054+0.4011i	-0.1037-0.5382i	0.0021+0.5391i	-0.5523-0.1170i	-0.5397-0.1054i	-0.9029-0.2348i	-0.8007-0.0254i
55.1	-0.8196-0.2962i	0.7950+0.3905i	-0.0743-0.4822i	-0.0056+0.4829i	-0.5522-0.1096i	-0.5415-0.0992i	-0.9096-0.2179i	-0.7988-0.0238i
55.2	-0.8196-0.2820i	0.7923+0.3699i	-0.0711-0.4328i	-0.0086+0.4284i	-0.5597-0.0963i	-0.5480-0.0856i	-0.9208-0.1919i	-0.8087-0.0095i
55.3	-0.8068-0.2532i	0.7517+0.3510i	-0.0473-0.3685i	-0.0545+0.3789i	-0.5552-0.0845i	-0.5432-0.0737i	-0.9129-0.1672i	-0.8024+0.0048i
55.4	-0.7743-0.2247i	0.7186+0.3550i	0.0133-0.3538i	-0.1105+0.3705i	-0.5438-0.0742i	-0.5341-0.0642i	-0.8929-0.1509i	-0.7950+0.0180i
55.5	-0.7498-0.2254i	0.7027+0.3524i	0.0402-0.4233i	-0.1380+0.4271i	-0.5445-0.0678i	-0.5331-0.0576i	-0.8940-0.1435i	-0.7940+0.0353i
55.6	-0.7308-0.1966i	0.6983+0.3034i	0.0005-0.4125i	-0.1190+0.4171i	-0.5449-0.0480i	-0.5310-0.0384i	-0.9015-0.1062i	-0.7842+0.0577i
55.7	-0.7104-0.1881i	0.6849+0.2816i	0.0018-0.3599i	-0.1119+0.3668i	-0.5473-0.0363i	-0.5335-0.0264i	-0.9111-0.0834i	-0.7803+0.0675i
55.8	-0.7026-0.1843i	0.6749+0.2850i	0.0220-0.3216i	-0.1214+0.3424i	-0.5493-0.0323i	-0.5347-0.0222i	-0.9187-0.0729i	-0.7792+0.0699i
55.9	-0.6944-0.1767i	0.6562+0.2939i	0.0553-0.3110i	-0.1602+0.3421i	-0.5460-0.0205i	-0.5341-0.0110i	-0.9173-0.0509i	-0.7766+0.0863i
56.0	-0.6632-0.1858i	0.6226+0.2911i	0.1687-0.3479i	-0.2582+0.3587i	-0.5443-0.0108i	-0.5329-0.0012i	-0.9132-0.0289i	-0.7777+0.0970i

56.1	-0.6389-0.1783i	0.6283+0.2826i	0.1126-0.4269i	-0.2019+0.4366i	-0.5438-0.0080i	-0.5304+0.0026i	-0.9096-0.0199i	-0.7735+0.1013i
56.2	-0.6257-0.1547i	0.6095+0.2718i	0.0796-0.3795i	-0.1797+0.4093i	-0.5373+0.0098i	-0.5223+0.0189i	-0.8939+0.0127i	-0.7611+0.1212i
56.3	-0.6256-0.1542i	0.6036+0.2665i	0.1118-0.3260i	-0.2060+0.3626i	-0.5412+0.0271i	-0.5266+0.0343i	-0.9045+0.0493i	-0.7614+0.1353i
56.4	-0.6033-0.1488i	0.5879+0.2745i	0.1249-0.3217i	-0.2196+0.3609i	-0.5377+0.0330i	-0.5233+0.0412i	-0.8987+0.0622i	-0.7594+0.1406i
56.5	-0.5869-0.1462i	0.5777+0.2709i	0.1375-0.3319i	-0.2325+0.3684i	-0.5353+0.0503i	-0.5223+0.0587i	-0.8948+0.0879i	-0.7581+0.1681i
56.6	-0.5702-0.1454i	0.5748+0.2609i	0.1664-0.3451i	-0.2400+0.3649i	-0.5321+0.0675i	-0.5172+0.0745i	-0.8850+0.1199i	-0.7553+0.1890i
56.7	-0.5536-0.1323i	0.5518+0.2406i	0.1913-0.3342i	-0.2584+0.3603i	-0.5245+0.0787i	-0.5090+0.0838i	-0.8724+0.1442i	-0.7424+0.1979i
56.8	-0.5375-0.1415i	0.5505+0.2570i	0.2128-0.3254i	-0.2884+0.3706i	-0.5180+0.0855i	-0.5035+0.0906i	-0.8599+0.1575i	-0.7302+0.2068i
56.9	-0.5289-0.1520i	0.5694+0.2728i	0.2429-0.3285i	-0.3124+0.3820i	-0.5154+0.0983i	-0.5011+0.1031i	-0.8544+0.1781i	-0.7270+0.2280i
57.0	-0.5159-0.1435i	0.5521+0.2555i	0.2734-0.3348i	-0.3316+0.3768i	-0.5071+0.1124i	-0.4920+0.1176i	-0.8403+0.2009i	-0.7122+0.2486i
57.1	-0.5124-0.1611i	0.5522+0.2667i	0.3254-0.3680i	-0.3738+0.4007i	-0.5027+0.1149i	-0.4886+0.1218i	-0.8312+0.2069i	-0.7076+0.2545i
57.2	-0.5129-0.1674i	0.5573+0.2734i	0.2976-0.4442i	-0.3466+0.4701i	-0.5012+0.1199i	-0.4851+0.1270i	-0.8323+0.2170i	-0.7017+0.2633i
57.3	-0.5273-0.1630i	0.5528+0.2547i	0.2442-0.4552i	-0.3177+0.4781i	-0.4968+0.1320i	-0.4792+0.1361i	-0.8216+0.2414i	-0.6937+0.2726i
57.4	-0.5347-0.1733i	0.5629+0.2555i	0.2383-0.4411i	-0.3183+0.4673i	-0.4983+0.1356i	-0.4817+0.1395i	-0.8237+0.2490i	-0.7013+0.2770i
57.5	-0.5308-0.1708i	0.5665+0.2459i	0.2496-0.4183i	-0.3283+0.4686i	-0.4779+0.1510i	-0.4610+0.1528i	-0.7831+0.2761i	-0.6739+0.2896i
57.6	-0.5440-0.1560i	0.5786+0.2417i	0.2717-0.4073i	-0.3468+0.4616i	-0.4756+0.1632i	-0.4594+0.1634i	-0.7729+0.2920i	-0.6747+0.3071i
57.7	-0.5335-0.1545i	0.5808+0.2262i	0.2984-0.4124i	-0.3650+0.4695i	-0.4648+0.1776i	-0.4494+0.1743i	-0.7535+0.3102i	-0.6595+0.3269i
57.8	-0.5327-0.1557i	0.5744+0.1996i	0.3098-0.4149i	-0.3854+0.4693i	-0.4557+0.1779i	-0.4390+0.1736i	-0.7349+0.3087i	-0.6477+0.3274i
57.9	-0.5439-0.1459i	0.5846+0.2056i	0.3351-0.4130i	-0.4030+0.4898i	-0.4536+0.1866i	-0.4380+0.1813i	-0.7271+0.3231i	-0.6445+0.3426i
58.0	-0.5375-0.1270i	0.5691+0.2037i	0.3627-0.4109i	-0.4278+0.5030i	-0.4385+0.1949i	-0.4257+0.1873i	-0.7043+0.3335i	-0.6227+0.3537i
58.1	-0.5403-0.1066i	0.5541+0.1802i	0.3976-0.4188i	-0.4501+0.5248i	-0.4331+0.1954i	-0.4213+0.1881i	-0.6911+0.3315i	-0.6231+0.3533i
58.2	-0.5498-0.0959i	0.5763+0.1595i	0.4175-0.4696i	-0.4639+0.5666i	-0.4307+0.2039i	-0.4193+0.1979i	-0.6884+0.3282i	-0.6202+0.3856i
58.3	-0.5658-0.0843i	0.6010+0.1423i	0.4132-0.4932i	-0.4495+0.5882i	-0.4270+0.2080i	-0.4163+0.2014i	-0.6991+0.3237i	-0.5969+0.4055i
58.4	-0.5538-0.0598i	0.5813+0.1221i	0.4643-0.4993i	-0.4655+0.6210i	-0.4141+0.2055i	-0.4055+0.1966i	-0.6835+0.3269i	-0.5759+0.3876i
58.5	-0.5473-0.0460i	0.5665+0.1014i	0.4698-0.5485i	-0.4745+0.6548i	-0.4160+0.2030i	-0.4108+0.1943i	-0.6906+0.3303i	-0.5791+0.3784i
58.6	-0.5415-0.0398i	0.5535+0.1007i	0.4515-0.5486i	-0.4528+0.6592i	-0.4174+0.2109i	-0.4123+0.2035i	-0.6940+0.3431i	-0.5780+0.3880i
58.7	-0.5364-0.0277i	0.5466+0.1040i	0.4895-0.5552i	-0.4649+0.6843i	-0.4181+0.2178i	-0.4156+0.2115i	-0.6976+0.3503i	-0.5809+0.4030i
58.8	-0.5293+0.0114i	0.5474+0.0886i	0.5059-0.5845i	-0.4802+0.7029i	-0.4138+0.2262i	-0.4129+0.2202i	-0.6954+0.3656i	-0.5743+0.4188i
58.9	-0.5019+0.0438i	0.5222+0.0560i	0.5093-0.6257i	-0.4496+0.7388i	-0.4026+0.2262i	-0.4037+0.2218i	-0.6839+0.3675i	-0.5605+0.4126i
59.0	-0.4922+0.0562i	0.5048+0.0506i	0.5209-0.6640i	-0.4493+0.7798i	-0.4009+0.2291i	-0.4048+0.2265i	-0.6810+0.3752i	-0.5615+0.4135i
59.1	-0.4795+0.0673i	0.4960+0.0298i	0.5458-0.6975i	-0.4808+0.8005i	-0.4065+0.2426i	-0.4098+0.2400i	-0.6949+0.3989i	-0.5593+0.4355i
59.2	-0.4416+0.0978i	0.4835+0.0021i	0.5424-0.7493i	-0.4630+0.8486i	-0.3909+0.2586i	-0.3973+0.2569i	-0.6815+0.4259i	-0.5343+0.4625i
59.3	-0.4092+0.1266i	0.4685+0.0009i	0.5437-0.7919i	-0.4370+0.8732i	-0.3881+0.2697i	-0.3957+0.2684i	-0.6782+0.4484i	-0.5311+0.4818i
59.4	-0.3721+0.1402i	0.4486-0.0053i	0.5460-0.8347i	-0.4141+0.9183i	-0.3762+0.2825i	-0.3828+0.2839i	-0.6608+0.4735i	-0.5108+0.4975i
59.5	-0.3593+0.1525i	0.4418-0.0073i	0.5725-0.8619i	-0.4400+0.9483i	-0.3715+0.2971i	-0.3783+0.2988i	-0.6569+0.4983i	-0.4997+0.5188i
59.6	-0.3117+0.1614i	0.4134-0.0268i	0.5391-0.9070i	-0.4031+0.9722i	-0.3588+0.3040i	-0.3651+0.3063i	-0.6408+0.5166i	-0.4718+0.5237i
59.7	-0.2754+0.1627i	0.3951-0.0398i	0.5165-0.9798i	-0.3512+1.0215i	-0.3434+0.3105i	-0.3503+0.3154i	-0.6230+0.5336i	-0.4371+0.5284i
59.8	-0.2568+0.1452i	0.3924-0.0155i	0.5310-1.0310i	-0.3478+1.0691i	-0.3447+0.3184i	-0.3526+0.3277i	-0.6291+0.5486i	-0.4388+0.5470i
59.9	-0.1681+0.1854i	0.4184+0.0263i	0.5183-1.0693i	-0.2710+1.0522i	-0.3248+0.3153i	-0.3312+0.3270i	-0.5996+0.5551i	-0.4076+0.5361i
60.0	-0.0173+0.0357i	0.5332-0.1805i	0.4385-1.2505i	-0.2873+1.0467i	-0.3114+0.3192i	-0.3209+0.3321i	-0.5742+0.5675i	-0.3836+0.5270i
60.1	-0.2882+0.1148i	0.1998-0.0592i	0.3914-1.0884i	-0.2485+1.2051i	-0.3046+0.3551i	-0.3115+0.3684i	-0.5689+0.6175i	-0.3759+0.5921i
60.2	-0.1299+0.1085i	0.3239-0.0137i	0.4017-1.1793i	-0.1756+1.1594i	-0.2909+0.3398i	-0.2975+0.3543i	-0.5457+0.6071i	-0.3481+0.5693i
60.3	-0.0905+0.0908i	0.3328-0.0382i	0.3642-1.2227i	-0.1375+1.1717i	-0.2682+0.3415i	-0.2748+0.3557i	-0.5135+0.6219i	-0.3073+0.5574i
60.4	-0.0754+0.0921i	0.3241-0.0270i	0.3410-1.2620i	-0.1196+1.1903i	-0.2555+0.3441i	-0.2640+0.3593i	-0.4962+0.6325i	-0.2940+0.5561i
60.5	-0.0598+0.0818i	0.3068-0.0248i	0.2997-1.2804i	-0.0714+1.1869i	-0.2411+0.3397i	-0.2500+0.3583i	-0.4739+0.6327i	-0.2697+0.5428i
60.6	-0.0366+0.0359i	0.2836-0.0356i	0.2596-1.3295i	-0.0209+1.2025i	-0.2271+0.3317i	-0.2323+0.3529i	-0.4419+0.6349i	-0.2461+0.5237i
60.7	-0.0057+0.0060i	0.2824-0.0275i	0.2215-1.3515i	0.0114+1.2024i	-0.2190+0.3322i	-0.2231+0.3540i	-0.4299+0.6404i	-0.2322+0.5214i
60.8	0.0249-0.0122i	0.2775-0.0110i	0.1814-1.3968i	0.0516+1.2044i	-0.2104+0.3229i	-0.2164+0.3470i	-0.4143+0.6309i	-0.2218+0.5048i
60.9	0.0355-0.0140i	0.2615-0.0300i	0.1164-1.4278i	0.1097+1.2084i	-0.2074+0.3198i	-0.2111+0.3481i	-0.3973+0.6398i	-0.2256+0.4923i
61.0	0.0299-0.0496i	0.2440-0.0187i	0.0611-1.4231i	0.1464+1.1894i	-0.2017+0.3219i	-0.2015+0.3512i	-0.3784+0.6519i	-0.2171+0.4897i
61.1	0.0592-0.0782i	0.2546-0.0219i	0.0287-1.4577i	0.1796+1.2067i	-0.1952+0.3239i	-0.1938+0.3559i	-0.3680+0.6605i	-0.2056+0.4898i
61.2	0.0547-0.1243i	0.2248-0.0338i	-0.0137-1.5096i	0.2393+1.2130i	-0.1849+0.3196i	-0.1795+0.3532i	-0.3414+0.6624i	-0.1952+0.4734i
61.3	0.0504-0.1507i	0.2135-0.0218i	-0.0872-1.5048i	0.2564+1.1954i	-0.1689+0.3192i	-0.1625+0.3500i	-0.3087+0.6606i	-0.1746+0.4678i
61.4	0.0699-0.1711i	0.2047-0.0141i	-0.1552-1.5076i	0.3031+1.1801i	-0.1617+0.3197i	-0.1529+0.3489i	-0.2892+0.6631i	-0.1628+0.4670i
61.5	0.0665-0.2027i	0.1884-0.0210i	-0.2224-1.5128i	0.3504+1.1537i	-0.1526+0.3134i	-0.1403+0.3404i	-0.2673+0.6571i	-0.1438+0.4480i
61.6	0.0618-0.2407i	0.1812-0.0087i	-0.3009-1.4966i	0.4109+1.1438i	-0.1502+0.3100i	-0.1362+0.3386i	-0.2523+0.6608i	-0.1469+0.4378i
61.7	0.0401-0.2750i	0.1750+0.0012i	-0.3631-1.5016i	0.4450+1.1293i	-0.1422+0.3114i	-0.1276+0.3420i	-0.2327+0.6663i	-0.1448+0.4437i
61.8	0.0359-0.2952i	0.1593+0.0031i	-0.4307-1.4877i	0.4867+1.0967i	-0.1380+0.3114i	-0.1206+0.3427i	-0.2130+0.6670i	-0.1437+0.4439i
61.9	0.0232-0.3006i	0.1708+0.0057i	-0.5047-1.4461i	0.5377+1.0518i	-0.1305+0.3142i	-0.1091+0.3446i	-0.1862+0.6764i	-0.1364+0.4412i
62.0	0.0187-0.3354i	0.1539+0.0201i	-0.5722-1.4162i	0.5748+1.0314i	-0.1313+0.3143i	-0.1107+0.3414i	-0.1806+0.6755i	-0.1360+0.4340i
62.1	-0.0002-0.3670i	0.1529+0.0326i	-0.6219-1.4106i	0.6073+1.0027i	-0.1152+0.3143i	-0.0922+0.3407i	-0.1505+0.6708i	-0.1143+0.4327i
62.2	-0.0114-0.3805i	0.1589+0.0253i	-0.6704-1.3562i	0.6250+0.9460i	-0.1117+0.3097i	-0.0855+0.3359i	-0.1322+0.6617i	-0.1182+0.4262i
62.3	-0.0169-0.3808i	0.1513+0.0277i	-0.6950-1.3210i	0.6366+0.9007i	-0.1065+0.3039i	-0.0769+0.3286i	-0.1129+0.6541i	-0.1159+0.4134i

62.4	-0.0397-0.4008i	0.1446+0.0305i	-0.7487-1.2801i	0.6477+0.8684i	-0.1006+0.3068i	-0.0662+0.3288i	-0.0961+0.6532i	-0.1043+0.4178i
62.5	-0.0641-0.4195i	0.1408+0.0316i	-0.7900-1.2317i	0.6577+0.8302i	-0.0926+0.3046i	-0.0592+0.3253i	-0.0772+0.6412i	-0.1019+0.4198i
62.6	-0.0886-0.4131i	0.1481+0.0440i	-0.8127-1.2005i	0.6707+0.8031i	-0.0853+0.3012i	-0.0538+0.3211i	-0.0591+0.6337i	-0.0947+0.4189i
62.7	-0.1210-0.4280i	0.1367+0.0526i	-0.8097-1.1351i	0.6556+0.7380i	-0.0713+0.2919i	-0.0386+0.3087i	-0.0300+0.6099i	-0.0724+0.4000i
62.8	-0.1281-0.4378i	0.1294+0.0415i	-0.8338-1.1168i	0.6758+0.7118i	-0.0706+0.2903i	-0.0377+0.3045i	-0.0200+0.6017i	-0.0781+0.3964i
62.9	-0.1263-0.4388i	0.1360+0.0505i	-0.8631-1.0706i	0.6824+0.6847i	-0.0669+0.2864i	-0.0336+0.2988i	-0.0149+0.5894i	-0.0749+0.3905i
63.0	-0.1580-0.4469i	0.1224+0.0414i	-0.8788-1.0259i	0.6672+0.6436i	-0.0602+0.2848i	-0.0278+0.2957i	-0.0043+0.5810i	-0.0692+0.3897i
63.1	-0.1785-0.4593i	0.1110+0.0354i	-0.9193-0.9766i	0.6674+0.5962i	-0.0529+0.2823i	-0.0184+0.2937i	0.0148+0.5740i	-0.0614+0.3843i
63.2	-0.1826-0.4563i	0.1160+0.0379i	-0.9152-0.9505i	0.6624+0.5814i	-0.0451+0.2734i	-0.0108+0.2839i	0.0337+0.5547i	-0.0483+0.3737i
63.3	-0.2190-0.4574i	0.1194+0.0406i	-0.9239-0.9139i	0.6513+0.5530i	-0.0340+0.2713i	0.0010+0.2796i	0.0574+0.5457i	-0.0360+0.3727i
63.4	-0.2503-0.4748i	0.1154+0.0539i	-0.9311-0.8614i	0.6373+0.5111i	-0.0307+0.2656i	0.0043+0.2712i	0.0602+0.5277i	-0.0372+0.3669i
63.5	-0.2554-0.4618i	0.1142+0.0516i	-0.9482-0.8457i	0.6472+0.5042i	-0.0259+0.2527i	0.0086+0.2582i	0.0710+0.5046i	-0.0327+0.3456i
63.6	-0.2715-0.4395i	0.0938+0.0459i	-0.9512-0.8173i	0.6636+0.4793i	-0.0205+0.2402i	0.0129+0.2448i	0.0868+0.4797i	-0.0291+0.3272i
63.7	-0.2927-0.4479i	0.0947+0.0495i	-0.9593-0.7807i	0.6393+0.4546i	-0.0175+0.2414i	0.0143+0.2437i	0.0897+0.4718i	-0.0285+0.3306i
63.8	-0.3070-0.4536i	0.0899+0.0499i	-0.9751-0.7362i	0.6163+0.4217i	-0.0170+0.2380i	0.0162+0.2404i	0.0936+0.4603i	-0.0293+0.3329i
63.9	-0.3216-0.4540i	0.0917+0.0503i	-0.9839-0.6777i	0.6004+0.3854i	-0.0117+0.2363i	0.0218+0.2375i	0.1024+0.4517i	-0.0203+0.3368i
64.0	-0.3304-0.4512i	0.0896+0.0474i	-0.9806-0.6474i	0.6107+0.3652i	-0.0081+0.2320i	0.0239+0.2323i	0.1071+0.4360i	-0.0181+0.3332i
64.1	-0.3520-0.4429i	0.0750+0.0470i	-0.9893-0.6207i	0.5954+0.3439i	-0.0088+0.2284i	0.0233+0.2267i	0.1036+0.4269i	-0.0179+0.3262i
64.2	-0.3740-0.4164i	0.0699+0.0501i	-0.9734-0.5809i	0.5664+0.3295i	-0.0066+0.2156i	0.0244+0.2142i	0.1058+0.4000i	-0.0138+0.3123i
64.3	-0.3681-0.3990i	0.0655+0.0353i	-0.9529-0.5635i	0.5596+0.3302i	-0.0017+0.2076i	0.0272+0.2055i	0.1103+0.3851i	-0.0065+0.2990i
64.4	-0.3577-0.3962i	0.0558+0.0378i	-0.9417-0.5514i	0.5614+0.3086i	-0.0064+0.2016i	0.0235+0.2005i	0.0996+0.3738i	-0.0136+0.2941i
64.5	-0.3832-0.3970i	0.0317+0.0354i	-0.9458-0.5303i	0.5362+0.2752i	-0.0032+0.1996i	0.0252+0.1977i	0.1034+0.3671i	-0.0069+0.2929i
64.6	-0.3976-0.3925i	0.0395+0.0379i	-0.9358-0.4853i	0.5166+0.2479i	-0.0014+0.1994i	0.0279+0.1947i	0.1072+0.3625i	-0.0029+0.2895i
64.7	-0.4151-0.3830i	0.0417+0.0513i	-0.9160-0.4589i	0.4996+0.2387i	-0.0002+0.1951i	0.0287+0.1909i	0.1033+0.3545i	-0.0023+0.2813i
64.8	-0.4228-0.3602i	0.0376+0.0499i	-0.9058-0.4358i	0.4778+0.2392i	0.0029+0.1887i	0.0311+0.1844i	0.1082+0.3430i	0.0019+0.2694i
64.9	-0.4257-0.3463i	0.0292+0.0452i	-0.9019-0.4106i	0.4589+0.2411i	0.0073+0.1799i	0.0351+0.1769i	0.1155+0.3276i	0.0074+0.2604i
65.0	-0.4315-0.3448i	0.0288+0.0442i	-0.9062-0.3849i	0.4435+0.2175i	0.0088+0.1777i	0.0379+0.1742i	0.1166+0.3214i	0.0155+0.2598i
65.1	-0.4609-0.3425i	0.0201+0.0627i	-0.8939-0.3579i	0.4221+0.1954i	0.0087+0.1767i	0.0378+0.1721i	0.1146+0.3158i	0.0157+0.2601i
65.2	-0.4685-0.3326i	0.0158+0.0658i	-0.8717-0.3382i	0.4076+0.1806i	0.0135+0.1716i	0.0419+0.1674i	0.1236+0.3071i	0.0222+0.2535i
65.3	-0.4672-0.3089i	0.0062+0.0463i	-0.8523-0.3192i	0.3862+0.1746i	0.0163+0.1611i	0.0434+0.1568i	0.1248+0.2887i	0.0215+0.2389i
65.4	-0.4815-0.2989i	-0.0003+0.0506i	-0.8364-0.3044i	0.3568+0.1663i	0.0152+0.1597i	0.0421+0.1534i	0.1204+0.2831i	0.0217+0.2359i
65.5	-0.4916-0.2909i	0.0035+0.0560i	-0.8360-0.2869i	0.3526+0.1465i	0.0160+0.1549i	0.0438+0.1491i	0.1197+0.2743i	0.0277+0.2308i
65.6	-0.4789-0.3036i	-0.0219+0.0683i	-0.8423-0.2674i	0.3500+0.1368i	0.0082+0.1523i	0.0360+0.1466i	0.1053+0.2702i	0.0176+0.2252i
65.7	-0.4919-0.3001i	-0.0332+0.0706i	-0.8383-0.2453i	0.3206+0.1197i	0.0094+0.1507i	0.0390+0.1456i	0.1072+0.2658i	0.0216+0.2212i
65.8	-0.4916-0.2689i	-0.0247+0.0630i	-0.8097-0.2374i	0.3040+0.1244i	0.0101+0.1432i	0.0378+0.1370i	0.1058+0.2521i	0.0193+0.2078i
65.9	-0.5037-0.2591i	-0.0268+0.0706i	-0.7980-0.2220i	0.2811+0.1194i	0.0126+0.1398i	0.0408+0.1342i	0.1114+0.2460i	0.0214+0.2034i
66.0	-0.5253-0.2421i	-0.0456+0.0766i	-0.7919-0.2076i	0.2506+0.1105i	0.0148+0.1399i	0.0437+0.1339i	0.1122+0.2451i	0.0279+0.2043i
66.1	-0.5191-0.2133i	-0.0644+0.0714i	-0.7634-0.2030i	0.2205+0.1183i	0.0104+0.1284i	0.0383+0.1222i	0.1005+0.2263i	0.0228+0.1857i
66.2	-0.5148-0.2200i	-0.0662+0.0752i	-0.7585-0.1889i	0.2098+0.1129i	0.0076+0.1268i	0.0368+0.1191i	0.0969+0.2205i	0.0153+0.1838i
66.3	-0.5141-0.2249i	-0.0658+0.0796i	-0.7612-0.1789i	0.1915+0.1019i	0.0051+0.1284i	0.0341+0.1204i	0.0924+0.2227i	0.0139+0.1888i
66.4	-0.5203-0.2018i	-0.0806+0.0855i	-0.7515-0.1790i	0.1783+0.1105i	0.0055+0.1207i	0.0351+0.1137i	0.0919+0.2139i	0.0156+0.1750i
66.5	-0.5161-0.1921i	-0.0975+0.0923i	-0.7410-0.1640i	0.1494+0.1115i	0.0029+0.1150i	0.0328+0.1085i	0.0800+0.1998i	0.0129+0.1701i
66.6	-0.5256-0.1607i	-0.0965+0.0953i	-0.7160-0.1556i	0.1230+0.1312i	0.0015+0.1082i	0.0312+0.1025i	0.0760+0.1885i	0.0135+0.1622i
66.7	-0.5264-0.1644i	-0.1082+0.0996i	-0.7117-0.1527i	0.1026+0.1229i	-0.0002+0.1053i	0.0290+0.1000i	0.0729+0.1866i	0.0119+0.1558i
66.8	-0.5443-0.1671i	-0.1249+0.1073i	-0.7235-0.1360i	0.0753+0.1140i	-0.0009+0.1082i	0.0303+0.1013i	0.0709+0.1920i	0.0144+0.1535i
66.9	-0.5708-0.1398i	-0.1294+0.1101i	-0.7112-0.1202i	0.0548+0.1380i	0.0003+0.1074i	0.0326+0.0986i	0.0714+0.1893i	0.0224+0.1503i
67.0	-0.5531-0.1206i	-0.1439+0.1126i	-0.6952-0.1104i	0.0444+0.1489i	-0.0027+0.0996i	0.0288+0.0915i	0.0674+0.1777i	0.0103+0.1434i
67.1	-0.5432-0.1143i	-0.1539+0.1224i	-0.6832-0.0910i	0.0262+0.1361i	-0.0004+0.0925i	0.0293+0.0857i	0.0669+0.1664i	0.0120+0.1337i
67.2	-0.5428-0.0746i	-0.1617+0.1394i	-0.6696-0.0843i	-0.0026+0.1763i	-0.0059+0.0867i	0.0248+0.0785i	0.0574+0.1570i	0.0055+0.1216i
67.3	-0.5538-0.1004i	-0.1831+0.1374i	-0.6838-0.0817i	-0.0159+0.1585i	-0.0122+0.0913i	0.0199+0.0830i	0.0506+0.1607i	-0.0042+0.1369i
67.4	-0.5782-0.0856i	-0.1799+0.1564i	-0.6919-0.0766i	-0.0372+0.1949i	-0.0153+0.0946i	0.0183+0.0857i	0.0446+0.1674i	-0.0018+0.1403i
67.5	-0.5846-0.0266i	-0.1802+0.1707i	-0.6667-0.0669i	-0.0811+0.2469i	-0.0147+0.0885i	0.0202+0.0785i	0.0412+0.1613i	0.0011+0.1193i
67.6	-0.5786-0.0185i	-0.2076+0.1604i	-0.6700-0.0662i	-0.0876+0.2301i	-0.0169+0.0829i	0.0200+0.0728i	0.0391+0.1545i	-0.0018+0.1073i
67.7	-0.5676-0.0023i	-0.2076+0.1704i	-0.6523-0.0649i	-0.0968+0.2448i	-0.0215+0.0796i	0.0144+0.0693i	0.0312+0.1489i	-0.0062+0.1000i
67.8	-0.5751+0.0168i	-0.2245+0.1871i	-0.6393-0.0510i	-0.1209+0.2699i	-0.0232+0.0789i	0.0137+0.0677i	0.0267+0.1483i	-0.0054+0.0974i
67.9	-0.6117+0.0239i	-0.2573+0.2004i	-0.6473-0.0319i	-0.1646+0.2743i	-0.0250+0.0805i	0.0145+0.0688i	0.0256+0.1570i	-0.0076+0.0960i
68.0	-0.6003+0.0393i	-0.2657+0.1968i	-0.6411-0.0223i	-0.1668+0.2781i	-0.0263+0.0743i	0.0119+0.0614i	0.0217+0.1482i	-0.0115+0.0815i
68.1	-0.6017+0.0646i	-0.2633+0.2079i	-0.6360-0.0233i	-0.1763+0.3052i	-0.0299+0.0741i	0.0107+0.0598i	0.0177+0.1476i	-0.0184+0.0802i
68.2	-0.6180+0.1038i	-0.2847+0.2366i	-0.6300-0.0174i	-0.2147+0.3602i	-0.0361+0.0736i	0.0095+0.0565i	0.0116+0.1473i	-0.0239+0.0746i
68.3	-0.6082+0.1169i	-0.3029+0.2511i	-0.6385-0.0113i	-0.2304+0.3688i	-0.0390+0.0710i	0.0043+0.0538i	0.0077+0.1459i	-0.0324+0.0720i
68.4	-0.5947+0.1215i	-0.3072+0.2603i	-0.6325-0.0112i	-0.2436+0.3867i	-0.0430+0.0695i	0.0002+0.0514i	0.0029+0.1405i	-0.0433+0.0692i
68.5	-0.5926+0.1470i	-0.3230+0.2926i	-0.6358+0.0013i	-0.2397+0.4432i	-0.0510+0.0730i	-0.0061+0.0511i	-0.0074+0.1428i	-0.0551+0.0719i
68.6	-0.5765+0.2107i	-0.3269+0.3224i	-0.6148+0.0183i	-0.2433+0.4945i	-0.0515+0.0728i	-0.0071+0.0478i	-0.0108+0.1407i	-0.0514+0.0666i

68.7	-0.5888+0.2339i	-0.3455+0.3483i	-0.6279+0.0299i	-0.2815+0.5197i	-0.0561+0.0765i	-0.0103+0.0488i	-0.0157+0.1466i	-0.0582+0.0687i
68.8	-0.5926+0.2617i	-0.3448+0.3756i	-0.6302+0.0748i	-0.2762+0.5549i	-0.0565+0.0783i	-0.0107+0.0490i	-0.0138+0.1534i	-0.0643+0.0656i
68.9	-0.5666+0.3098i	-0.3517+0.4317i	-0.6101+0.0963i	-0.2540+0.6245i	-0.0625+0.0810i	-0.0169+0.0478i	-0.0251+0.1597i	-0.0736+0.0612i
69.0	-0.5745+0.3298i	-0.3728+0.4485i	-0.6254+0.1049i	-0.2770+0.6508i	-0.0681+0.0826i	-0.0206+0.0480i	-0.0325+0.1560i	-0.0832+0.0649i
69.1	-0.5935+0.3671i	-0.3742+0.4551i	-0.6260+0.1098i	-0.3032+0.6749i	-0.0678+0.0827i	-0.0202+0.0467i	-0.0333+0.1568i	-0.0856+0.0624i
69.2	-0.5904+0.4178i	-0.3881+0.5126i	-0.6339+0.1483i	-0.2928+0.7628i	-0.0758+0.0900i	-0.0270+0.0487i	-0.0451+0.1665i	-0.0955+0.0711i
69.3	-0.5253+0.4576i	-0.3738+0.5506i	-0.6143+0.1703i	-0.2480+0.8172i	-0.0834+0.0911i	-0.0355+0.0477i	-0.0572+0.1669i	-0.1075+0.0737i
69.4	-0.4849+0.5284i	-0.3619+0.5998i	-0.6079+0.2057i	-0.2245+0.8658i	-0.0837+0.0946i	-0.0372+0.0463i	-0.0552+0.1685i	-0.1123+0.0692i
69.5	-0.4624+0.5791i	-0.3690+0.6165i	-0.6008+0.2368i	-0.2175+0.9146i	-0.0845+0.0953i	-0.0405+0.0455i	-0.0588+0.1753i	-0.1156+0.0592i
69.6	-0.4442+0.6365i	-0.3571+0.6663i	-0.5787+0.2991i	-0.1847+0.9884i	-0.0844+0.1028i	-0.0404+0.0445i	-0.0611+0.1871i	-0.1107+0.0619i
69.7	-0.3392+0.7025i	-0.2824+0.7254i	-0.4854+0.3595i	-0.0934+1.0325i	-0.0778+0.1106i	-0.0401+0.0461i	-0.0490+0.1981i	-0.1135+0.0657i
69.8	-0.2754+0.7553i	-0.2622+0.8090i	-0.4580+0.4178i	-0.0389+1.0941i	-0.0819+0.1221i	-0.0474+0.0534i	-0.0522+0.2158i	-0.1312+0.0828i
69.9	-0.2367+0.7898i	-0.2695+0.8220i	-0.4424+0.4285i	-0.0232+1.1519i	-0.0871+0.1265i	-0.0552+0.0546i	-0.0645+0.2257i	-0.1419+0.0780i
70.0	-0.1889+0.8616i	-0.2425+0.8872i	-0.4176+0.5003i	0.0120+1.2143i	-0.0868+0.1339i	-0.0578+0.0565i	-0.0577+0.2303i	-0.1513+0.0859i
70.1	-0.0715+0.8447i	-0.1718+0.9139i	-0.3449+0.5042i	0.1118+1.2046i	-0.0793+0.1421i	-0.0568+0.0627i	-0.0442+0.2409i	-0.1483+0.0992i
70.2	0.0350+0.8393i	-0.1212+0.9114i	-0.2810+0.5095i	0.1955+1.1830i	-0.0733+0.1411i	-0.0577+0.0628i	-0.0374+0.2397i	-0.1520+0.1001i
70.3	0.1602+0.8351i	-0.0292+0.9201i	-0.2013+0.5264i	0.3148+1.1882i	-0.0623+0.1449i	-0.0549+0.0658i	-0.0245+0.2421i	-0.1484+0.1089i
70.4	0.2807+0.8197i	0.0605+0.9189i	-0.1023+0.5069i	0.4228+1.1940i	-0.0507+0.1478i	-0.0527+0.0678i	-0.0094+0.2503i	-0.1400+0.1059i
70.5	0.3822+0.7858i	0.1436+0.9420i	-0.0072+0.5053i	0.5182+1.1829i	-0.0397+0.1524i	-0.0517+0.0730i	-0.0024+0.2574i	-0.1318+0.1121i
70.6	0.4687+0.7237i	0.2091+0.8908i	0.0890+0.4678i	0.5961+1.1041i	-0.0304+0.1477i	-0.0494+0.0739i	0.0055+0.2510i	-0.1243+0.1080i
70.7	0.5463+0.6520i	0.2362+0.8727i	0.1282+0.4183i	0.6402+1.0723i	-0.0313+0.1471i	-0.0538+0.0771i	0.0090+0.2582i	-0.1390+0.1108i
70.8	0.5751+0.5156i	0.2604+0.8192i	0.1696+0.3200i	0.6474+0.9752i	-0.0286+0.1422i	-0.0531+0.0794i	0.0104+0.2553i	-0.1344+0.1154i
70.9	0.6095+0.4637i	0.2964+0.7710i	0.2283+0.2597i	0.6751+0.9292i	-0.0243+0.1376i	-0.0512+0.0791i	0.0155+0.2534i	-0.1321+0.1097i
71.0	0.6652+0.4536i	0.3078+0.7558i	0.2453+0.2368i	0.7133+0.9181i	-0.0229+0.1356i	-0.0502+0.0784i	0.0281+0.2550i	-0.1428+0.1031i
71.1	0.6930+0.3481i	0.3080+0.7145i	0.2599+0.1650i	0.7135+0.8469i	-0.0218+0.1288i	-0.0490+0.0765i	0.0324+0.2509i	-0.1465+0.0997i
71.2	0.7125+0.2571i	0.3431+0.6478i	0.3227+0.0846i	0.7027+0.7629i	-0.0171+0.1211i	-0.0472+0.0752i	0.0316+0.2407i	-0.1393+0.0927i
71.3	0.6925+0.1913i	0.3391+0.6284i	0.3338+0.0540i	0.6841+0.7220i	-0.0164+0.1204i	-0.0487+0.0773i	0.0346+0.2386i	-0.1404+0.1003i
71.4	0.7061+0.1074i	0.3117+0.5648i	0.3143-0.0565i	0.7030+0.6899i	-0.0201+0.1096i	-0.0535+0.0743i	0.0437+0.2320i	-0.1633+0.0893i
71.5	0.6819+0.0299i	0.3015+0.5253i	0.2795-0.1222i	0.6949+0.6561i	-0.0246+0.1066i	-0.0525+0.0762i	0.0468+0.2320i	-0.1738+0.0897i
71.6	0.6239-0.0385i	0.2688+0.5292i	0.2066-0.1560i	0.6618+0.6299i	-0.0310+0.1124i	-0.0538+0.0825i	0.0442+0.2339i	-0.1826+0.1112i
71.7	0.6325-0.0438i	0.2912+0.5133i	0.2481-0.1652i	0.6577+0.6143i	-0.0256+0.1069i	-0.0512+0.0802i	0.0544+0.2311i	-0.1766+0.1007i
71.8	0.6167-0.0883i	0.2462+0.5073i	0.1981-0.2235i	0.6485+0.6025i	-0.0303+0.1074i	-0.0523+0.0827i	0.0626+0.2289i	-0.1980+0.1107i
71.9	0.6166-0.1316i	0.2481+0.4949i	0.1947-0.2647i	0.6457+0.5836i	-0.0276+0.1057i	-0.0510+0.0823i	0.0624+0.2266i	-0.1906+0.1115i
72.0	0.6053-0.1631i	0.2283+0.4945i	0.1552-0.2968i	0.6521+0.5850i	-0.0316+0.1047i	-0.0541+0.0821i	0.0712+0.2270i	-0.2107+0.1106i
72.1	0.5603-0.2315i	0.1736+0.5245i	0.0446-0.3132i	0.6751+0.5729i	-0.0405+0.1164i	-0.0584+0.0929i	0.0792+0.2297i	-0.2373+0.1492i
72.2	0.5647-0.2441i	0.1823+0.5191i	0.0670-0.3353i	0.6727+0.5686i	-0.0391+0.1141i	-0.0557+0.0918i	0.0858+0.2226i	-0.2329+0.1485i
72.3	0.5461-0.2317i	0.1752+0.4986i	0.0563-0.3423i	0.6609+0.5587i	-0.0398+0.1099i	-0.0534+0.0888i	0.0867+0.2136i	-0.2305+0.1464i
72.4	0.5363-0.2641i	0.1984+0.5220i	0.0358-0.3542i	0.6704+0.5734i	-0.0365+0.1132i	-0.0514+0.0928i	0.0942+0.2195i	-0.2364+0.1553i
72.5	0.5048-0.2920i	0.2241+0.5177i	-0.0056-0.3450i	0.6814+0.5469i	-0.0309+0.1190i	-0.0479+0.0969i	0.1044+0.2138i	-0.2268+0.1715i
72.6	0.5115-0.3275i	0.1996+0.5495i	-0.0258-0.3486i	0.7017+0.5370i	-0.0329+0.1239i	-0.0501+0.1017i	0.1003+0.2065i	-0.2291+0.1962i
72.7	0.5152-0.3462i	0.1660+0.5608i	-0.0420-0.3625i	0.7070+0.5267i	-0.0384+0.1232i	-0.0524+0.1010i	0.0963+0.1937i	-0.2399+0.2137i
72.8	0.4738-0.3580i	0.1827+0.5721i	-0.0744-0.3306i	0.6898+0.5068i	-0.0353+0.1260i	-0.0488+0.1036i	0.0983+0.1929i	-0.2228+0.2255i
72.9	0.4634-0.3933i	0.1859+0.5915i	-0.1048-0.3236i	0.6986+0.4913i	-0.0329+0.1317i	-0.0453+0.1066i	0.1018+0.1874i	-0.2156+0.2432i
73.0	0.4622-0.3989i	0.1948+0.5754i	-0.1126-0.3375i	0.7183+0.5064i	-0.0327+0.1263i	-0.0434+0.1037i	0.1044+0.1754i	-0.2241+0.2421i
73.1	0.4564-0.4001i	0.2049+0.5814i	-0.1119-0.3370i	0.7239+0.5033i	-0.0245+0.1256i	-0.0402+0.1037i	0.1125+0.1756i	-0.2141+0.2416i
73.2	0.4193-0.4021i	0.2156+0.5876i	-0.1294-0.3129i	0.7030+0.4914i	-0.0236+0.1271i	-0.0376+0.1056i	0.1139+0.1789i	-0.1976+0.2468i
73.3	0.3824-0.4376i	0.2410+0.6168i	-0.1410-0.2940i	0.7051+0.4861i	-0.0181+0.1334i	-0.0334+0.1097i	0.1204+0.1834i	-0.1862+0.2676i
73.4	0.3767-0.4476i	0.2657+0.6191i	-0.1261-0.2957i	0.7112+0.4620i	-0.0132+0.1347i	-0.0282+0.1108i	0.1221+0.1807i	-0.1682+0.2707i
73.5	0.3639-0.4486i	0.2627+0.6349i	-0.1511-0.2692i	0.7286+0.4461i	-0.0122+0.1330i	-0.0261+0.1095i	0.1227+0.1702i	-0.1645+0.2712i
73.6	0.3365-0.4720i	0.2709+0.6377i	-0.1530-0.2509i	0.7223+0.4198i	-0.0101+0.1335i	-0.0256+0.1094i	0.1245+0.1709i	-0.1610+0.2737i
73.7	0.3020-0.5097i	0.3097+0.6517i	-0.1669-0.2382i	0.7352+0.3855i	-0.0016+0.1382i	-0.0193+0.1135i	0.1299+0.1585i	-0.1388+0.2986i
73.8	0.2683-0.4992i	0.3647+0.6341i	-0.1505-0.2353i	0.7190+0.3752i	0.0083+0.1313i	-0.0108+0.1088i	0.1428+0.1513i	-0.1169+0.2874i
73.9	0.2454-0.5059i	0.3791+0.6074i	-0.1604-0.2470i	0.7206+0.3562i	0.0129+0.1283i	-0.0076+0.1053i	0.1437+0.1434i	-0.1054+0.2912i
74.0	0.2419-0.5159i	0.3805+0.6107i	-0.1648-0.2370i	0.7233+0.3456i	0.0126+0.1284i	-0.0080+0.1045i	0.1369+0.1391i	-0.1016+0.2932i
74.1	0.2367-0.5213i	0.3858+0.6294i	-0.1757-0.2300i	0.7403+0.3267i	0.0113+0.1287i	-0.0068+0.1031i	0.1296+0.1309i	-0.0931+0.2961i
74.2	0.2199-0.4698i	0.4270+0.5815i	-0.1132-0.2376i	0.7238+0.3468i	0.0191+0.1194i	-0.0002+0.0969i	0.1466+0.1214i	-0.0849+0.2736i
74.3	0.2113-0.4960i	0.4245+0.5903i	-0.1079-0.2208i	0.7194+0.3101i	0.0248+0.1178i	0.0018+0.0956i	0.1386+0.1206i	-0.0659+0.2709i
74.4	0.1846-0.5034i	0.4288+0.5866i	-0.1360-0.2255i	0.7147+0.2984i	0.0261+0.1152i	0.0021+0.0949i	0.1422+0.1177i	-0.0626+0.2701i
74.5	0.2104-0.4798i	0.4365+0.5410i	-0.1348-0.2242i	0.7399+0.2945i	0.0263+0.1070i	0.0034+0.0866i	0.1393+0.0975i	-0.0596+0.2606i
74.6	0.1960-0.4698i	0.4695+0.5311i	-0.1245-0.2164i	0.7378+0.2837i	0.0300+0.1039i	0.0076+0.0829i	0.1406+0.0976i	-0.0466+0.2507i
74.7	0.1810-0.4666i	0.4755+0.5161i	-0.1277-0.2107i	0.7156+0.2686i	0.0310+0.1014i	0.0083+0.0813i	0.1425+0.0961i	-0.0444+0.2434i
74.8	0.2170-0.4497i	0.4646+0.5037i	-0.0900-0.2130i	0.7139+0.2739i	0.0289+0.0972i	0.0049+0.0770i	0.1403+0.0912i	-0.0520+0.2303i
74.9	0.2289-0.4623i	0.4519+0.4898i	-0.0897-0.2212i	0.7184+0.2604i	0.0276+0.0932i	0.0032+0.0736i	0.1329+0.0823i	-0.0549+0.2285i

75.0	0.2293-0.4526i	0.4540+0.4520i	-0.0746-0.2228i	0.7037+0.2392i	0.0299+0.0848i	0.0044+0.0676i	0.1366+0.0704i	-0.0491+0.2113i
75.1	0.2510-0.4316i	0.4526+0.4196i	-0.0687-0.2279i	0.6979+0.2292i	0.0287+0.0782i	0.0045+0.0627i	0.1381+0.0641i	-0.0529+0.1964i
75.2	0.2454-0.4325i	0.4369+0.3934i	-0.0784-0.2269i	0.6994+0.2022i	0.0285+0.0738i	0.0045+0.0607i	0.1308+0.0516i	-0.0493+0.1938i
75.3	0.2431-0.4754i	0.4338+0.4169i	-0.0768-0.2135i	0.7043+0.1906i	0.0250+0.0740i	0.0020+0.0607i	0.1198+0.0548i	-0.0489+0.2005i
75.4	0.2512-0.4769i	0.4342+0.4166i	-0.0541-0.2268i	0.6996+0.1857i	0.0243+0.0706i	-0.0011+0.0571i	0.1216+0.0553i	-0.0577+0.1896i
75.5	0.2477-0.4665i	0.4404+0.3841i	-0.0527-0.2246i	0.6909+0.1659i	0.0240+0.0673i	0.0010+0.0540i	0.1229+0.0420i	-0.0581+0.1910i
75.6	0.2960-0.4328i	0.4032+0.3434i	-0.0405-0.2277i	0.6960+0.1634i	0.0244+0.0619i	-0.0004+0.0468i	0.1157+0.0248i	-0.0616+0.1815i
75.7	0.2885-0.4486i	0.3797+0.3524i	-0.0358-0.2379i	0.6727+0.1527i	0.0205+0.0583i	-0.0032+0.0459i	0.1122+0.0233i	-0.0678+0.1776i
75.8	0.3172-0.5009i	0.3407+0.3802i	-0.0156-0.2595i	0.6549+0.1427i	0.0147+0.0565i	-0.0079+0.0455i	0.1031+0.0246i	-0.0820+0.1775i
75.9	0.3546-0.5190i	0.3325+0.3740i	-0.0107-0.2733i	0.6510+0.1358i	0.0152+0.0525i	-0.0104+0.0419i	0.0949+0.0214i	-0.0785+0.1711i
76.0	0.3907-0.5176i	0.3087+0.3304i	-0.0166-0.2887i	0.6628+0.1176i	0.0161+0.0462i	-0.0120+0.0395i	0.0924+0.0089i	-0.0771+0.1618i
76.1	0.3882-0.5731i	0.3038+0.3642i	0.0129-0.2800i	0.6499+0.0901i	0.0132+0.0442i	-0.0130+0.0366i	0.0805+0.0071i	-0.0741+0.1606i
76.2	0.3891-0.6424i	0.2835+0.4198i	0.0126-0.2816i	0.6381+0.0718i	0.0082+0.0472i	-0.0188+0.0376i	0.0691+0.0122i	-0.0794+0.1717i
76.3	0.3786-0.6518i	0.2756+0.4117i	0.0068-0.2974i	0.6217+0.0712i	0.0066+0.0435i	-0.0185+0.0353i	0.0664+0.0095i	-0.0786+0.1700i
76.4	0.4025-0.6730i	0.2656+0.4042i	0.0155-0.3130i	0.6146+0.0550i	0.0042+0.0377i	-0.0204+0.0325i	0.0577+0.0000i	-0.0794+0.1692i
76.5	0.4024-0.7654i	0.2590+0.4698i	0.0277-0.3384i	0.6210+0.0333i	-0.0006+0.0372i	-0.0247+0.0315i	0.0440+0.0039i	-0.0821+0.1708i
76.6	0.3567-0.8044i	0.2884+0.4995i	0.0340-0.3619i	0.6180+0.0289i	-0.0009+0.0381i	-0.0259+0.0314i	0.0419+0.0081i	-0.0800+0.1681i
76.7	0.3529-0.8415i	0.2900+0.5028i	0.0419-0.3799i	0.6049+0.0546i	-0.0056+0.0365i	-0.0292+0.0313i	0.0437+0.0143i	-0.0976+0.1638i
76.8	0.4271-0.8728i	0.2154+0.4985i	0.0418-0.4011i	0.6144+0.0087i	-0.0114+0.0283i	-0.0321+0.0254i	0.0304-0.0051i	-0.1028+0.1617i
76.9	0.3991-0.9422i	0.2202+0.5401i	0.0332-0.4122i	0.5829-0.0066i	-0.0155+0.0238i	-0.0372+0.0233i	0.0175-0.0043i	-0.1030+0.1539i
77.0	0.3706-1.0023i	0.2330+0.5693i	0.0214-0.4281i	0.5645-0.0213i	-0.0204+0.0231i	-0.0423+0.0227i	0.0108-0.0037i	-0.1128+0.1554i
77.1	0.3460-1.0833i	0.2300+0.6124i	-0.0005-0.4626i	0.5375-0.0449i	-0.0295+0.0223i	-0.0504+0.0218i	-0.0048-0.0023i	-0.1196+0.1603i
77.2	0.2938-1.1066i	0.2675+0.6251i	-0.0155-0.4980i	0.5005-0.0149i	-0.0342+0.0220i	-0.0531+0.0214i	-0.0034+0.0070i	-0.1245+0.1634i
77.3	0.2650-1.0962i	0.2924+0.6217i	-0.0041-0.5028i	0.4988-0.0074i	-0.0348+0.0196i	-0.0527+0.0203i	0.0010+0.0087i	-0.1354+0.1564i
77.4	0.2521-1.1509i	0.2728+0.6569i	-0.0069-0.5304i	0.4895-0.0174i	-0.0416+0.0183i	-0.0612+0.0187i	-0.0103+0.0052i	-0.1460+0.1548i
77.5	0.1404-1.1941i	0.3108+0.6795i	-0.0589-0.5340i	0.4674-0.0260i	-0.0498+0.0218i	-0.0682+0.0229i	-0.0232+0.0139i	-0.1496+0.1607i
77.6	0.0119-1.3047i	0.3482+0.7335i	-0.1032-0.5706i	0.4500-0.0542i	-0.0616+0.0256i	-0.0785+0.0280i	-0.0398+0.0280i	-0.1560+0.1729i
77.7	-0.0438-1.3505i	0.3938+0.7373i	-0.0991-0.6028i	0.4304-0.0393i	-0.0725+0.0245i	-0.0875+0.0261i	-0.0464+0.0333i	-0.1725+0.1722i
77.8	-0.1204-1.2944i	0.4697+0.7158i	-0.1241-0.5983i	0.4029-0.0099i	-0.0759+0.0268i	-0.0913+0.0303i	-0.0420+0.0444i	-0.1809+0.1737i
77.9	-0.1858-1.3235i	0.5114+0.7278i	-0.1423-0.6160i	0.3860-0.0145i	-0.0836+0.0313i	-0.0972+0.0346i	-0.0509+0.0507i	-0.1935+0.1838i
78.0	-0.3024-1.2965i	0.5534+0.7182i	-0.1798-0.5852i	0.3689-0.0109i	-0.0859+0.0428i	-0.0994+0.0447i	-0.0491+0.0598i	-0.1904+0.2030i
78.1	-0.3392-1.2316i	0.5778+0.6962i	-0.1823-0.5434i	0.3595+0.0047i	-0.0870+0.0492i	-0.1015+0.0503i	-0.0479+0.0669i	-0.1939+0.2064i
78.2	-0.3550-1.1976i	0.5847+0.6598i	-0.1839-0.5615i	0.3514+0.0307i	-0.0914+0.0533i	-0.1040+0.0535i	-0.0426+0.0694i	-0.2073+0.2166i
78.3	-0.4230-1.2193i	0.6223+0.6706i	-0.2273-0.5606i	0.3283+0.0415i	-0.0988+0.0641i	-0.1103+0.0632i	-0.0508+0.0820i	-0.2116+0.2363i
78.4	-0.5089-1.1786i	0.6776+0.6390i	-0.2442-0.5561i	0.3358+0.0363i	-0.0982+0.0733i	-0.1096+0.0746i	-0.0457+0.0969i	-0.2085+0.2503i
78.5	-0.5579-1.1345i	0.6837+0.6126i	-0.2841-0.5521i	0.3388+0.0430i	-0.1001+0.0807i	-0.1092+0.0839i	-0.0468+0.0983i	-0.2061+0.2757i
78.6	-0.5966-1.1123i	0.7140+0.6058i	-0.3018-0.5495i	0.3258+0.0697i	-0.1012+0.0915i	-0.1110+0.0909i	-0.0414+0.1070i	-0.2022+0.2920i
78.7	-0.6226-1.0381i	0.7418+0.5751i	-0.2957-0.5140i	0.3325+0.1055i	-0.0968+0.0995i	-0.1065+0.1007i	-0.0294+0.1169i	-0.1985+0.3018i
78.8	-0.5730-0.9379i	0.7016+0.5183i	-0.2837-0.4886i	0.3624+0.1340i	-0.0876+0.1026i	-0.0961+0.1037i	-0.0132+0.1101i	-0.1872+0.3121i
78.9	-0.4985-0.9172i	0.6747+0.5020i	-0.2718-0.4971i	0.3918+0.1353i	-0.0831+0.1006i	-0.0925+0.0998i	-0.0106+0.0920i	-0.1839+0.3129i
79.0	-0.4833-0.9944i	0.6817+0.5181i	-0.2629-0.5238i	0.4064+0.0908i	-0.0901+0.1009i	-0.1019+0.1010i	-0.0371+0.0955i	-0.1813+0.3176i
79.1	-0.5422-1.0339i	0.7133+0.5102i	-0.2771-0.5633i	0.3766+0.0790i	-0.0916+0.1118i	-0.1029+0.1148i	-0.0362+0.1223i	-0.1817+0.3338i
79.2	-0.6104-0.9779i	0.7349+0.4911i	-0.3029-0.5521i	0.3844+0.1021i	-0.0845+0.1267i	-0.0946+0.1274i	-0.0129+0.1412i	-0.1744+0.3512i
79.3	-0.6663-0.9166i	0.7532+0.4404i	-0.3302-0.5339i	0.3633+0.1001i	-0.0734+0.1347i	-0.0845+0.1369i	0.0041+0.1497i	-0.1495+0.3689i
79.4	-0.6900-0.8809i	0.7661+0.4207i	-0.3476-0.5159i	0.3322+0.1097i	-0.0657+0.1392i	-0.0756+0.1408i	0.0135+0.1529i	-0.1367+0.3776i
79.5	-0.7003-0.8756i	0.7837+0.3936i	-0.3540-0.5167i	0.3523+0.1140i	-0.0589+0.1416i	-0.0688+0.1417i	0.0265+0.1502i	-0.1252+0.3809i
79.6	-0.7190-0.8483i	0.7912+0.3759i	-0.3808-0.5206i	0.3571+0.1223i	-0.0513+0.1451i	-0.0598+0.1450i	0.0419+0.1496i	-0.1104+0.3835i
79.7	-0.7271-0.7945i	0.7607+0.3494i	-0.3940-0.5070i	0.3604+0.1497i	-0.0401+0.1442i	-0.0477+0.1455i	0.0650+0.1409i	-0.0912+0.3827i
79.8	-0.7378-0.7816i	0.7734+0.3343i	-0.4099-0.4859i	0.3877+0.1331i	-0.0301+0.1401i	-0.0390+0.1427i	0.0748+0.1282i	-0.0737+0.3869i
79.9	-0.7756-0.7655i	0.7868+0.3338i	-0.4237-0.4806i	0.4014+0.1091i	-0.0248+0.1416i	-0.0350+0.1426i	0.0770+0.1214i	-0.0604+0.3888i
80.0	-0.7684-0.7296i	0.7612+0.3057i	-0.4265-0.4757i	0.3928+0.1193i	-0.0236+0.1382i	-0.0324+0.1398i	0.0747+0.1107i	-0.0516+0.3868i

1.1.16 Run 4 – IP050-200 – SF and shaft bending gauges

In-plane shaking at 50° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0207+0.0000i	-0.4108+0.0000i	-0.5457+0.0000i	-0.2801+0.0000i	0.0012+0.0000i	-9.6438+0.0000i	5.4460+0.0000i	0.0578+0.0000i
0.1	0.0100+0.0107i	-0.3307+0.0280i	-0.4468+0.0361i	-0.2200+0.0229i	2.8783+1.1165i	-11.0990-0.3517i	6.4333+0.2556i	-1.0056-0.2910i
0.2	0.1803+0.0026i	0.1244-0.0093i	0.1257-0.0043i	0.1241-0.0012i	21.7004+0.5079i	-18.0815+0.6421i	12.9186-0.1507i	-6.5715+0.2748i
0.3	0.1654+0.0084i	0.0751-0.0063i	0.0966+0.0061i	0.1017+0.0059i	24.5079+0.2868i	-15.1438+0.1137i	14.2754-0.3228i	-5.1109+0.0222i
0.4	0.2085+0.0062i	0.1449+0.0694i	0.1351+0.0493i	0.1372+0.0446i	21.7849-3.2564i	-19.8381-3.8936i	13.3351-1.9736i	-7.6516-2.3058i
0.5	0.2476-0.0129i	0.3284+0.0300i	0.2349+0.0136i	0.2330+0.0102i	10.5315-1.1538i	-29.0070-0.3650i	6.7073-0.8215i	-12.4087-0.8419i
0.6	0.2379-0.0156i	0.2931+0.0057i	0.2153-0.0007i	0.2177+0.0006i	12.8720-0.1568i	-26.7700+1.0743i	7.9979-0.3326i	-11.2900+0.0692i
0.7	0.2285-0.0142i	0.2786-0.0032i	0.2050-0.0039i	0.2075-0.0016i	13.7498+0.0480i	-25.5764+1.4581i	8.3426-0.3825i	-10.6875+0.3068i
0.8	0.2287-0.0163i	0.2893-0.0067i	0.2105-0.0076i	0.2095-0.0045i	12.8452+0.3997i	-25.4574+1.8601i	7.7149-0.2599i	-10.6151+0.5808i
0.9	0.2232-0.0181i	0.2729-0.0553i	0.2012-0.0292i	0.1949-0.0271i	11.6474+2.7790i	-20.5120+4.5268i	5.5077+0.6787i	-7.1170+2.3084i
1.0	0.2241-0.0124i	0.2313-0.0520i	0.1843-0.0249i	0.1718-0.0226i	11.5650+2.9750i	-15.0088+2.9481i	3.7347+1.2322i	-3.2009+1.2940i
1.1	0.2253-0.0106i	0.2225-0.0285i	0.1823-0.0149i	0.1747-0.0126i	15.5623+1.0725i	-19.0126+2.1902i	7.7904-0.0425i	-6.5140+0.9720i
1.2	0.2328-0.0126i	0.2329-0.0141i	0.1901-0.0100i	0.1928-0.0053i	20.7125+1.0486i	-25.9538+0.7078i	13.5763+0.3388i	-12.0779-0.1249i
1.3	0.2394-0.0154i	0.2441-0.0118i	0.1955-0.0102i	0.1970-0.0061i	19.9487+0.4691i	-25.4048+1.1450i	12.7758-0.1947i	-11.5974+0.2686i
1.4	0.2419-0.0145i	0.2724-0.0225i	0.2052-0.0136i	0.2070-0.0108i	19.4910+0.5852i	-25.2152+1.4924i	12.3323-0.1872i	-11.3808+0.5241i
1.5	0.2608-0.0130i	0.2754-0.0624i	0.2122-0.0261i	0.2132-0.0236i	19.7840+0.7001i	-24.6848+1.7083i	12.3140-0.1243i	-10.9947+0.6633i
1.6	0.2902-0.0282i	0.2587-0.0675i	0.2171-0.0325i	0.2169-0.0299i	19.8603+0.3353i	-24.6249+1.6285i	12.2737-0.3083i	-10.9236+0.6369i
1.7	0.3067-0.0516i	0.2656-0.0655i	0.2251-0.0392i	0.2245-0.0365i	19.7570+0.2299i	-24.8092+1.7367i	12.1845-0.3656i	-10.9957+0.7037i
1.8	0.3316-0.1019i	0.2864-0.0942i	0.2404-0.0651i	0.2398-0.0617i	19.7920+0.0418i	-25.0823+2.1797i	12.1691-0.4769i	-11.1024+0.9597i
1.9	0.3260-0.1718i	0.2794-0.1453i	0.2365-0.1050i	0.2361-0.1010i	20.0224+0.0187i	-24.9982+3.0483i	12.2633-0.5629i	-11.0306+1.4571i
2.0	0.2278-0.2249i	0.2004-0.1792i	0.1783-0.1339i	0.1786-0.1300i	20.5853-0.0135i	-23.7810+3.6571i	12.4739-0.6508i	-10.3057+1.8066i
2.1	0.0913-0.1895i	0.1009-0.1420i	0.1004-0.1106i	0.1014-0.1078i	21.9099-0.1758i	-22.2366+3.1244i	13.0797-0.7066i	-9.3222+1.4981i
2.2	0.0589-0.1428i	0.0831-0.1036i	0.0840-0.0829i	0.0845-0.0800i	23.6925-1.0379i	-22.0660+2.6021i	14.0429-1.1598i	-9.0638+1.1352i
2.3	0.0522-0.1027i	0.0830-0.0755i	0.0812-0.0611i	0.0825-0.0574i	22.0582-4.2464i	-21.8182+2.4371i	13.0124-2.9219i	-9.0766+0.7960i
2.4	0.0925-0.0442i	0.1097-0.0340i	0.1011-0.0272i	0.1058-0.0260i	13.3116-1.9332i	-21.4240+1.4150i	8.0318-1.4223i	-9.6053+0.4886i
2.5	0.0977-0.0370i	0.1168-0.0266i	0.1056-0.0219i	0.1095-0.0216i	15.1264-0.4058i	-21.7207+1.1497i	9.1111-0.5421i	-9.5935+0.4675i
2.6	0.1083-0.0316i	0.1276-0.0236i	0.1133-0.0192i	0.1163-0.0188i	16.3513-0.1250i	-22.0753+1.1185i	9.8470-0.4038i	-9.6852+0.4786i
2.7	0.1135-0.0244i	0.1335-0.0192i	0.1173-0.0156i	0.1197-0.0151i	16.8766+0.0126i	-22.2436+1.1011i	10.1527-0.3380i	-9.7350+0.4901i
2.8	0.1193-0.0195i	0.1383-0.0171i	0.1210-0.0134i	0.1229-0.0128i	17.2368+0.1058i	-22.2521+1.0860i	10.3190-0.2980i	-9.6865+0.4920i
2.9	0.1281-0.0172i	0.1429-0.0165i	0.1252-0.0123i	0.1269-0.0119i	17.6620+0.1848i	-22.3129+0.9784i	10.5623-0.2209i	-9.6933+0.4197i
3.0	0.1344-0.0152i	0.1462-0.0125i	0.1286-0.0100i	0.1300-0.0097i	17.9469+0.1087i	-22.4279+0.7906i	10.7372-0.2248i	-9.7435+0.3119i
3.1	0.1379-0.0142i	0.1501-0.0109i	0.1312-0.0091i	0.1326-0.0087i	18.0695+0.0812i	-22.5840+0.7391i	10.8264-0.2302i	-9.8215+0.2837i
3.2	0.1414-0.0123i	0.1534-0.0105i	0.1336-0.0085i	0.1348-0.0080i	18.2331+0.1553i	-22.7248+0.7021i	10.9360-0.1708i	-9.8946+0.2575i
3.3	0.1446-0.0110i	0.1559-0.0093i	0.1354-0.0078i	0.1368-0.0072i	18.4696+0.1154i	-22.8828+0.6736i	11.1077-0.1895i	-9.9948+0.2494i
3.4	0.1477-0.0090i	0.1586-0.0069i	0.1374-0.0062i	0.1388-0.0059i	18.6022+0.0231i	-23.0174+0.6509i	11.2059-0.2563i	-10.0677+0.2564i
3.5	0.1500-0.0096i	0.1612-0.0070i	0.1392-0.0065i	0.1405-0.0061i	18.6959-0.0115i	-23.1301+0.6844i	11.2683-0.2915i	-10.1248+0.2855i
3.6	0.1527-0.0088i	0.1639-0.0063i	0.1413-0.0060i	0.1422-0.0055i	18.7137-0.0463i	-23.1713+0.6875i	11.2586-0.3125i	-10.1207+0.2954i
3.7	0.1546-0.0083i	0.1659-0.0063i	0.1427-0.0058i	0.1436-0.0054i	18.8388+0.0078i	-23.2745+0.6359i	11.3302-0.2610i	-10.1688+0.2598i
3.8	0.1564-0.0079i	0.1676-0.0061i	0.1439-0.0055i	0.1449-0.0053i	18.9552+0.0017i	-23.3930+0.6167i	11.4153-0.2581i	-10.2367+0.2488i
3.9	0.1586-0.0080i	0.1698-0.0062i	0.1455-0.0058i	0.1465-0.0054i	19.0969-0.0030i	-23.5385+0.6231i	11.5218-0.2621i	-10.3174+0.2561i
4.0	0.1591-0.0079i	0.1705-0.0061i	0.1461-0.0058i	0.1470-0.0054i	19.2156-0.0174i	-23.6336+0.6150i	11.6097-0.2648i	-10.3677+0.2545i
4.1	0.1606-0.0068i	0.1721-0.0050i	0.1473-0.0051i	0.1480-0.0047i	19.3049-0.0362i	-23.7305+0.5868i	11.6704-0.2734i	-10.4173+0.2451i
4.2	0.1626-0.0072i	0.1741-0.0051i	0.1488-0.0051i	0.1494-0.0049i	19.4122-0.0282i	-23.8642+0.5876i	11.7550-0.2744i	-10.4902+0.2479i
4.3	0.1644-0.0074i	0.1759-0.0053i	0.1503-0.0054i	0.1510-0.0050i	19.5840-0.0355i	-24.0149+0.5856i	11.8715-0.2675i	-10.5759+0.2459i
4.4	0.1659-0.0068i	0.1773-0.0052i	0.1514-0.0052i	0.1521-0.0048i	19.7258-0.0500i	-24.1412+0.5894i	11.9693-0.2736i	-10.6441+0.2512i
4.5	0.1672-0.0061i	0.1788-0.0048i	0.1526-0.0047i	0.1531-0.0044i	19.8593-0.0525i	-24.2701+0.5704i	12.0602-0.2735i	-10.7123+0.2462i
4.6	0.1691-0.0061i	0.1809-0.0045i	0.1541-0.0047i	0.1547-0.0045i	19.9854-0.0714i	-24.4362+0.5696i	12.1632-0.2843i	-10.8070+0.2482i
4.7	0.1710-0.0065i	0.1829-0.0047i	0.1556-0.0051i	0.1561-0.0047i	20.1135-0.1054i	-24.5969+0.5935i	12.2696-0.3040i	-10.8957+0.2639i
4.8	0.1721-0.0059i	0.1843-0.0043i	0.1567-0.0047i	0.1570-0.0043i	20.2554-0.1263i	-24.7282+0.5870i	12.3688-0.3158i	-10.9665+0.2635i
4.9	0.1739-0.0054i	0.1861-0.0040i	0.1580-0.0044i	0.1582-0.0041i	20.3971-0.1438i	-24.8582+0.5928i	12.4646-0.3428i	-11.0303+0.2729i
5.0	0.1765-0.0062i	0.1891-0.0048i	0.1599-0.0048i	0.1601-0.0045i	20.5571-0.1831i	-25.0382+0.6017i	12.5714-0.3579i	-11.1198+0.2717i
5.1	0.1784-0.0062i	0.1906-0.0053i	0.1611-0.0050i	0.1615-0.0046i	20.7072-0.1609i	-25.1790+0.5972i	12.6676-0.3425i	-11.1943+0.2633i
5.2	0.1800-0.0058i	0.1923-0.0055i	0.1626-0.0052i	0.1628-0.0046i	20.8779-0.1918i	-25.3559+0.6225i	12.7865-0.3711i	-11.2886+0.2830i
5.3	0.1817-0.0064i	0.1940-0.0058i	0.1644-0.0055i	0.1640-0.0052i	21.0489-0.2576i	-25.5268+0.6734i	12.9182-0.4278i	-11.3786+0.3289i
5.4	0.1835-0.0066i	0.1954-0.0062i	0.1659-0.0057i	0.1651-0.0055i	21.2146-0.2823i	-25.6583+0.6771i	13.0249-0.4351i	-11.4372+0.3273i
5.5	0.1848-0.0068i	0.1970-0.0065i	0.1669-0.0056i	0.1664-0.0055i	21.3929-0.2977i	-25.8345+0.6448i	13.1667-0.4288i	-11.5333+0.2968i
5.6	0.1857-0.0070i	0.1985-0.0065i	0.1680-0.0059i	0.1670-0.0053i	21.6173-0.3201i	-26.0182+0.6109i	13.3172-0.4230i	-11.6299+0.2726i

5.7	0.1870-0.0072i	0.2000-0.0068i	0.1694-0.0065i	0.1681-0.0057i	21.8647-0.3905i	-26.2314+0.6569i	13.4928-0.4923i	-11.7492+0.3017i
5.8	0.1884-0.0080i	0.2013-0.0073i	0.1706-0.0070i	0.1691-0.0060i	22.1313-0.4169i	-26.4246+0.6645i	13.6726-0.5038i	-11.8538+0.2970i
5.9	0.1893-0.0077i	0.2030-0.0072i	0.1720-0.0067i	0.1701-0.0057i	22.3360-0.5097i	-26.6395+0.6678i	13.8256-0.5633i	-11.9749+0.2904i
6.0	0.1912-0.0073i	0.2050-0.0067i	0.1737-0.0063i	0.1714-0.0053i	22.4827-0.5909i	-26.8412+0.6809i	13.9471-0.6108i	-12.0870+0.3014i
6.1	0.1931-0.0079i	0.2071-0.0072i	0.1758-0.0071i	0.1729-0.0057i	22.7374-0.6859i	-27.0906+0.7076i	14.1195-0.6617i	-12.2177+0.3143i
6.2	0.1945-0.0079i	0.2088-0.0075i	0.1772-0.0073i	0.1740-0.0058i	22.9624-0.7072i	-27.3033+0.7191i	14.2834-0.6844i	-12.3393+0.3192i
6.3	0.1967-0.0078i	0.2108-0.0077i	0.1791-0.0073i	0.1753-0.0058i	23.2129-0.7515i	-27.5407+0.7258i	14.4879-0.7147i	-12.4688+0.3213i
6.4	0.1978-0.0076i	0.2126-0.0075i	0.1811-0.0076i	0.1761-0.0058i	23.5853-0.8539i	-27.8235+0.7530i	14.7542-0.7793i	-12.6030+0.3321i
6.5	0.1981-0.0083i	0.2141-0.0078i	0.1825-0.0082i	0.1765-0.0057i	23.9972-0.9083i	-28.0787+0.7687i	15.0189-0.8208i	-12.7350+0.3352i
6.6	0.2004-0.0074i	0.2167-0.0068i	0.1852-0.0081i	0.1778-0.0045i	24.4863-1.0772i	-28.3892+0.7782i	15.3725-0.9221i	-12.8894+0.3312i
6.7	0.2020-0.0066i	0.2190-0.0065i	0.1875-0.0084i	0.1788-0.0037i	24.8631-1.2960i	-28.6265+0.8190i	15.6199-1.0590i	-13.0066+0.3420i
6.8	0.2049-0.0068i	0.2223-0.0069i	0.1914-0.0102i	0.1798-0.0028i	25.5461-1.6748i	-28.9914+0.8922i	16.0767-1.2958i	-13.1837+0.3572i
6.9	0.2087-0.0072i	0.2259-0.0079i	0.1960-0.0137i	0.1810-0.0003i	26.2008-2.4860i	-29.3634+1.0268i	16.5208-1.8159i	-13.3539+0.3690i
7.0	0.2121-0.0079i	0.2297-0.0083i	0.2001-0.0189i	0.1821+0.0048i	26.9365-3.7541i	-29.7195+1.1412i	17.0162-2.5929i	-13.5106+0.3234i
7.1	0.2148-0.0101i	0.2332-0.0100i	0.1984-0.0277i	0.1887+0.0108i	26.2914-5.4579i	-29.9750+1.3681i	16.6165-3.6516i	-13.7452+0.3015i
7.2	0.2143-0.0111i	0.2341-0.0117i	0.1871-0.0301i	0.2018+0.0112i	23.8013-5.9240i	-30.0567+1.4780i	15.1448-3.9491i	-14.0330+0.3305i
7.3	0.2150-0.0086i	0.2354-0.0105i	0.1824-0.0233i	0.2091+0.0071i	22.9026-4.7639i	-30.3014+1.3185i	14.6625-3.1961i	-14.2832+0.3450i
7.4	0.2179-0.0066i	0.2389-0.0099i	0.1832-0.0181i	0.2140+0.0032i	22.6761-3.8798i	-30.5960+1.2755i	14.5503-2.6756i	-14.4900+0.4116i
7.5	0.2227-0.0062i	0.2432-0.0100i	0.1873-0.0123i	0.2171-0.0033i	23.2444-2.4401i	-31.0467+1.1849i	14.9557-1.8210i	-14.7240+0.4947i
7.6	0.2250-0.0072i	0.2462-0.0108i	0.1910-0.0109i	0.2177-0.0064i	23.9747-2.0641i	-31.4043+1.1792i	15.4819-1.5537i	-14.8882+0.5201i
7.7	0.2285-0.0074i	0.2508-0.0115i	0.1968-0.0107i	0.2186-0.0075i	25.2337-2.2013i	-31.9910+1.2950i	16.3262-1.6472i	-15.1524+0.5817i
7.8	0.2317-0.0077i	0.2543-0.0124i	0.2001-0.0106i	0.2212-0.0081i	25.8560-2.5455i	-32.4977+1.4210i	16.7969-1.9230i	-15.4314+0.6449i
7.9	0.2340-0.0085i	0.2570-0.0143i	0.2020-0.0114i	0.2236-0.0094i	26.1910-2.9844i	-32.9248+1.6592i	17.0838-2.2554i	-15.6861+0.7894i
8.0	0.2364-0.0076i	0.2609-0.0158i	0.2045-0.0110i	0.2258-0.0113i	26.4509-3.2653i	-33.1661+1.9608i	17.2324-2.5400i	-15.7862+1.0077i
8.1	0.2405-0.0070i	0.2645-0.0151i	0.2077-0.0104i	0.2288-0.0111i	26.9723-3.3020i	-33.5650+1.8349i	17.5542-2.5367i	-15.9750+0.9069i
8.2	0.2433-0.0079i	0.2669-0.0161i	0.2093-0.0109i	0.2316-0.0120i	27.3518-3.2799i	-33.9692+1.8387i	17.8644-2.5163i	-16.2107+0.8915i
8.3	0.2486-0.0075i	0.2741-0.0173i	0.2142-0.0109i	0.2374-0.0134i	28.4944-3.5573i	-35.0006+2.0291i	18.7695-2.6842i	-16.8140+1.0124i
8.4	0.2522-0.0072i	0.2782-0.0193i	0.2175-0.0106i	0.2404-0.0150i	29.2007-4.0683i	-35.4606+2.3912i	19.2348-3.1117i	-17.0389+1.2559i
8.5	0.2574-0.0062i	0.2840-0.0205i	0.2217-0.0106i	0.2460-0.0168i	30.6211-4.8076i	-36.4505+2.8543i	20.3051-3.7285i	-17.6056+1.5538i
8.6	0.2614-0.0080i	0.2867-0.0244i	0.2242-0.0122i	0.2484-0.0213i	30.9304-6.4806i	-36.4653+4.0249i	20.3986-5.1327i	-17.5076+2.3157i
8.7	0.2659-0.0094i	0.2877-0.0250i	0.2252-0.0120i	0.2491-0.0229i	30.3725-7.2116i	-35.5393+4.0257i	19.6303-5.5580i	-16.7112+2.2419i
8.8	0.2700-0.0093i	0.2905-0.0243i	0.2272-0.0104i	0.2516-0.0229i	30.4883-7.5521i	-35.4593+3.4433i	19.5543-5.5482i	-16.5442+1.7237i
8.9	0.2769-0.0086i	0.2959-0.0220i	0.2318-0.0069i	0.2574-0.0234i	31.6005-8.8336i	-36.3059+2.8151i	20.3340-6.0874i	-16.9786+1.0613i
9.0	0.2835-0.0078i	0.3035-0.0203i	0.2381-0.0030i	0.2630-0.0251i	31.9601-11.1265i	-37.3103+2.7498i	20.7215-7.4600i	-17.6394+0.7458i
9.1	0.2903-0.0087i	0.3125-0.0206i	0.2456-0.0015i	0.2680-0.0274i	31.1713-12.4067i	-38.2148+2.8209i	20.4116-8.2329i	-18.3343+0.6386i
9.2	0.2976-0.0122i	0.3207-0.0216i	0.2527+0.0007i	0.2737-0.0334i	31.1173-15.4515i	-39.1174+3.1629i	20.5452-10.1240i	-18.9584+0.5696i
9.3	0.3049-0.0167i	0.3346-0.0242i	0.2682+0.0034i	0.2744-0.0424i	25.9164-20.3956i	-39.7164+3.9908i	17.3886-13.2844i	-19.8377+0.7091i
9.4	0.3098-0.0194i	0.3474-0.0313i	0.2827-0.0022i	0.2724-0.0431i	19.1029-18.4952i	-39.7638+4.1600i	13.1285-12.1270i	-20.4452+1.0143i
9.5	0.3143-0.0224i	0.3558-0.0407i	0.2915-0.0124i	0.2748-0.0411i	16.8544-13.1377i	-40.2384+3.7917i	11.7950-8.7175i	-20.9156+1.2153i
9.6	0.3205-0.0243i	0.3625-0.0483i	0.2974-0.0201i	0.2804-0.0394i	17.1893-9.0474i	-41.1007+3.5648i	12.1342-6.1621i	-21.4326+1.4137i
9.7	0.3291-0.0278i	0.3670-0.0582i	0.3023-0.0285i	0.2876-0.0404i	18.9162-6.0760i	-42.2948+3.5414i	13.3665-4.3080i	-22.0430+1.6489i
9.8	0.3340-0.0310i	0.3708-0.0641i	0.3050-0.0333i	0.2928-0.0422i	20.2358-4.9722i	-43.0835+3.6785i	14.2774-3.6397i	-22.4338+1.8153i
9.9	0.3418-0.0345i	0.3789-0.0721i	0.3104-0.0385i	0.3012-0.0458i	22.1433-4.1034i	-44.4363+4.0705i	15.6208-3.1815i	-23.1348+2.1528i
10.0	0.3476-0.0374i	0.3836-0.0770i	0.3142-0.0420i	0.3068-0.0483i	23.3178-3.5174i	-45.3900+4.1505i	16.4665-2.7992i	-23.6483+2.2396i
10.1	0.3546-0.0408i	0.3903-0.0833i	0.3198-0.0459i	0.3137-0.0514i	24.3869-3.1094i	-46.4451+4.2182i	17.2160-2.4860i	-24.2246+2.3015i
10.2	0.3617-0.0442i	0.3950-0.0910i	0.3250-0.0509i	0.3212-0.0561i	25.9184-2.9298i	-47.9560+4.6356i	18.3582-2.4296i	-25.0721+2.5788i
10.3	0.3678-0.0475i	0.3990-0.0980i	0.3296-0.0549i	0.3265-0.0603i	27.1140-2.9095i	-49.2728+5.1051i	19.2873-2.5344i	-25.8284+2.8688i
10.4	0.3745-0.0510i	0.4033-0.1056i	0.3351-0.0589i	0.3319-0.0652i	28.0940-2.9089i	-50.6473+5.6426i	20.1019-2.6054i	-26.6326+3.2137i
10.5	0.3796-0.0524i	0.4055-0.1099i	0.3391-0.0618i	0.3355-0.0676i	28.5680-2.8050i	-51.5787+6.0002i	20.5460-2.5725i	-27.1872+3.4461i
10.6	0.3880-0.0530i	0.4087-0.1137i	0.3446-0.0644i	0.3411-0.0696i	29.3093-2.5824i	-52.8485+6.3867i	21.1934-2.4644i	-27.9364+3.7046i
10.7	0.4009-0.0562i	0.4171-0.1271i	0.3534-0.0715i	0.3502-0.0763i	30.3726-2.5785i	-54.5165+7.2883i	22.0178-2.5645i	-28.9026+4.2630i
10.8	0.4123-0.0584i	0.4243-0.1282i	0.3613-0.0738i	0.3590-0.0786i	31.5464-2.6455i	-56.1874+7.9945i	22.9319-2.7716i	-29.8866+4.7403i
10.9	0.4230-0.0585i	0.4303-0.1311i	0.3683-0.0760i	0.3668-0.0805i	32.5746-2.5472i	-57.6391+8.5125i	23.7302-2.8089i	-30.7310+5.0899i
11.0	0.4404-0.0611i	0.4402-0.1369i	0.3801-0.0795i	0.3783-0.0848i	33.3354-2.3774i	-59.5467+9.2226i	24.4503-2.8055i	-31.8538+5.5530i
11.1	0.4596-0.0682i	0.4488-0.1457i	0.3920-0.0866i	0.3906-0.0914i	34.6176-2.2884i	-61.5007+10.3757i	25.4789-2.8302i	-32.9983+6.2597i
11.2	0.4722-0.0738i	0.4579-0.1482i	0.4007-0.0904i	0.4000-0.0952i	35.8821-2.5420i	-62.9151+11.1636i	26.4104-3.1075i	-33.8131+6.7516i
11.3	0.4939-0.0753i	0.4718-0.1467i	0.4155-0.0911i	0.4148-0.0956i	37.4718-1.9607i	-65.3460+11.3177i	27.7220-2.7963i	-35.2499+6.8720i
11.4	0.5195-0.0849i	0.4881-0.1499i	0.4332-0.0970i	0.4333-0.1010i	39.9271-1.6878i	-68.5825+12.1843i	29.6161-2.6393i	-37.2068+7.4137i
11.5	0.5402-0.0956i	0.5049-0.1565i	0.4482-0.1049i	0.4498-0.1090i	41.9674-2.3186i	-71.3558+13.6385i	31.2621-3.2403i	-38.8907+8.3307i
11.6	0.5669-0.1119i	0.5223-0.1645i	0.4661-0.1155i	0.4677-0.1206i	43.8978-2.7859i	-73.9549+15.7806i	32.7343-3.9096i	-40.3824+9.7298i
11.7	0.5892-0.1260i	0.5385-0.1651i	0.4816-0.1222i	0.4835-0.1269i	46.5108-3.0866i	-76.4068+16.9533i	34.6163-4.2935i	-41.7781+10.4915i
11.8	0.6117-0.1406i	0.5729-0.1665i	0.5055-0.1294i	0.5078-0.1344i	48.9422-5.0899i	-79.8871+18.6552i	36.5105-5.8914i	-43.8270+11.5808i
11.9	0.6360-0.1580i	0.6108-0.1817i	0.5309-0.1429i	0.5334-0.1485i	50.1878-7.7041i	-82.9725+21.2661i	37.5053-7.9871i	-45.5621+13.1878i

12.0	0.6661-0.1648i	0.6488-0.1885i	0.5576-0.1481i	0.5609-0.1535i	51.7262-8.3422i	-86.7372+22.0100i	38.8420-8.4691i	-47.7503+13.6507i
12.1	0.7114-0.1905i	0.7013-0.2217i	0.5981-0.1728i	0.6018-0.1790i	53.2363-10.2645i	-92.2512+25.7059i	40.2945-10.1312i	-51.0151+15.9521i
12.2	0.7521-0.2198i	0.7375-0.2582i	0.6292-0.1995i	0.6331-0.2059i	53.7948-10.6963i	-96.0515+29.0148i	40.9057-10.7218i	-53.2178+17.9948i
12.3	0.7907-0.2419i	0.7778-0.2841i	0.6607-0.2183i	0.6658-0.2245i	55.2968-10.6855i	-100.1622+30.6312i	42.0500-10.7274i	-55.5757+18.9366i
12.4	0.8398-0.2895i	0.8269-0.3366i	0.7024-0.2580i	0.7081-0.2644i	57.5911-11.3790i	-106.3630+35.0501i	44.1438-11.5508i	-59.2677+21.6142i
12.5	0.9136-0.3562i	0.8967-0.4170i	0.7621-0.3160i	0.7693-0.3244i	61.2095-12.2924i	-115.9105+41.9087i	47.4120-12.8210i	-64.9986+25.8501i
12.6	0.9916-0.4283i	0.9685-0.5041i	0.8257-0.3788i	0.8346-0.3877i	65.4844-13.6048i	-126.7427+48.7196i	51.2472-14.2237i	-71.5252+29.9969i
12.7	1.0422-0.5159i	1.0074-0.5959i	0.8671-0.4511i	0.8767-0.4616i	69.4279-14.7933i	-135.1655+57.8189i	54.6928-15.8573i	-76.5708+35.6388i
12.8	1.0888-0.6206i	1.0394-0.7004i	0.9056-0.5366i	0.9164-0.5500i	74.0242-17.2468i	-144.2196+69.5136i	58.5996-18.6476i	-81.9687+42.8304i
12.9	1.1387-0.7318i	1.0698-0.8073i	0.9453-0.6280i	0.9570-0.6443i	79.0991-20.3468i	-154.1059+83.0847i	62.7844-21.9888i	-87.8710+51.1755i
13.0	1.2102-0.8832i	1.1221-0.9545i	1.0046-0.7557i	1.0169-0.7761i	85.8903-25.5049i	-167.7833+103.7189i	68.5400-27.3317i	-96.0346+63.8854i
13.1	1.2883-1.0344i	1.1932-1.1024i	1.0717-0.8850i	1.0849-0.9089i	91.6360-30.6479i	-180.9808+125.0652i	73.6466-32.8873i	-103.9572+77.0689i
13.2	1.3948-1.3681i	1.2819-1.4220i	1.1565-1.1653i	1.1713-1.1956i	98.7350-41.1862i	-197.4799+170.5400i	79.7159-44.4153i	-113.8163+105.2037i
13.3	1.4843-1.7357i	1.3518-1.7809i	1.2261-1.4762i	1.2427-1.5140i	105.8295-52.1048i	-211.7136+220.5638i	85.6681-56.6263i	-122.3370+136.2462i
13.4	1.2037-2.4892i	1.0480-2.4939i	0.9813-2.1000i	0.9920-2.1542i	106.6410-71.3702i	-178.5221+322.5880i	82.5939-79.3040i	-101.0578+199.7222i
13.5	0.5864-3.1507i	0.4277-3.1212i	0.4596-2.6479i	0.4539-2.7191i	102.8957-92.7165i	-100.6882+415.4565i	72.1223-102.3966i	-51.6407+257.2845i
13.6	-0.6221-3.1047i	-0.7438-3.0350i	-0.5485-2.5961i	-0.5866-2.6649i	84.2306-99.9051i	60.5251+415.8336i	43.8929-106.4685i	49.9279+256.9489i
13.7	-1.5022-2.6181i	-1.5935-2.5281i	-1.2804-2.1783i	-1.3405-2.2358i	72.9012-98.1620i	179.0385+355.8140i	24.6964-99.1229i	124.7338+218.5802i
13.8	-1.9067-1.6372i	-1.9566-1.5593i	-1.6049-1.3546i	-1.6770-1.3873i	74.0061-89.7698i	236.3571+228.3789i	19.7871-80.6268i	161.5670+137.8287i
13.9	-1.8503-1.1903i	-1.8841-1.1197i	-1.5496-0.9813i	-1.6230-1.0010i	83.9034-94.0177i	229.3646+169.6594i	27.0848-77.3068i	158.0244+99.8344i
14.0	-1.7031-0.7685i	-1.7282-0.7076i	-1.4192-0.6325i	-1.4934-0.6376i	99.2472-107.9661i	209.9333+115.2502i	39.1772-80.8506i	147.0737+63.6905i
14.1	-1.6050-0.4808i	-1.6261-0.4257i	-1.3323-0.3954i	-1.4068-0.3875i	115.5789-134.0007i	196.3880+79.4045i	51.3142-94.1011i	139.9568+38.2580i
14.2	-1.4056-0.1763i	-1.4274-0.1298i	-1.1651-0.1522i	-1.2331-0.1249i	111.3846-193.8714i	171.6197+45.0407i	51.3766-129.5712i	123.7581+10.5500i
14.3	-1.1946+0.0026i	-1.2178+0.0465i	-0.9920-0.0107i	-1.0487+0.0305i	68.4306-245.0919i	148.1646+25.8735i	26.0655-160.9029i	104.6636-6.6734i
14.4	-0.9233+0.1027i	-0.9427+0.1445i	-0.7722+0.0696i	-0.8079+0.1178i	-13.9027-260.6098i	120.3586+13.8908i	-24.4926-169.8846i	79.0151-15.8363i
14.5	-0.6959+0.0858i	-0.7099+0.1240i	-0.5880+0.0560i	-0.6054+0.1004i	-89.4118-231.3348i	96.9259+13.5246i	-71.0576-151.1470i	56.7401-13.2744i
14.6	-0.5456+0.0224i	-0.5555+0.0533i	-0.4649+0.0034i	-0.4734+0.0407i	-125.3693-173.8595i	80.6921+17.8228i	-92.8624-114.6690i	42.9203-5.0326i
14.7	-0.4790-0.0236i	-0.4898+0.0048i	-0.4120-0.0344i	-0.4156-0.0004i	-133.4788-133.5260i	73.3485+21.1772i	-97.5037-88.9373i	37.4500+0.9884i
14.8	-0.4550-0.0684i	-0.4708-0.0385i	-0.3966-0.0689i	-0.3958-0.0391i	-128.1146-105.7814i	71.1793+24.8046i	-93.8870-71.2847i	36.6316+5.9945i
14.9	-0.4456-0.0905i	-0.4567-0.0565i	-0.3903-0.0824i	-0.3847-0.0579i	-122.5927-81.1426i	71.0816+25.5837i	-90.2206-55.4246i	37.1607+8.8901i
15.0	-0.4426-0.0864i	-0.4368-0.0522i	-0.3846-0.0736i	-0.3761-0.0553i	-113.7745-61.1717i	71.8101+21.9956i	-84.6273-42.0023i	38.5147+8.4482i
15.1	-0.4298-0.0706i	-0.4228-0.0455i	-0.3740-0.0594i	-0.3642-0.0455i	-107.7946-46.3636i	70.2844+17.1435i	-80.6666-31.9149i	38.1271+6.7025i
15.2	-0.4107-0.0596i	-0.4076-0.0371i	-0.3574-0.0475i	-0.3486-0.0378i	-97.8570-36.7900i	66.5840+13.6058i	-73.8417-25.3369i	36.7125+5.3366i
15.3	-0.3882-0.0529i	-0.3867-0.0309i	-0.3369-0.0396i	-0.3298-0.0329i	-89.1012-30.4131i	62.3756+11.4446i	-67.7696-20.9870i	34.8456+4.5362i
15.4	-0.3620-0.0460i	-0.3601-0.0256i	-0.3124-0.0329i	-0.3075-0.0284i	-80.3468-25.0746i	57.5565+9.5294i	-61.5910-17.3295i	32.5896+3.8001i
15.5	-0.3419-0.0366i	-0.3395-0.0187i	-0.2933-0.0248i	-0.2903-0.0224i	-73.7060-19.8291i	53.7786+7.5639i	-56.9351-13.7045i	30.7990+3.0307i
15.6	-0.3254-0.0360i	-0.3237-0.0188i	-0.2783-0.0243i	-0.2766-0.0222i	-68.6700-17.6998i	50.8568+7.2342i	-53.3945-12.2709i	29.3946+3.0224i
15.7	-0.3110-0.0358i	-0.3079-0.0187i	-0.2644-0.0238i	-0.2635-0.0221i	-64.3073-15.8195i	48.0847+6.9979i	-50.2603-11.0413i	28.0291+3.0395i
15.8	-0.2970-0.0338i	-0.2919-0.0166i	-0.2504-0.0219i	-0.2504-0.0209i	-59.8726-13.7858i	45.2800+6.5793i	-47.0857-9.6692i	26.6525+2.9669i
15.9	-0.2807-0.0317i	-0.2761-0.0166i	-0.2362-0.0213i	-0.2369-0.0203i	-55.6454-12.3652i	42.5772+6.5540i	-44.0941-8.7313i	25.3248+3.0959i
16.0	-0.2672-0.0289i	-0.2627-0.0158i	-0.2240-0.0204i	-0.2253-0.0192i	-52.2656-11.3064i	40.3308+6.4314i	-41.7183-8.0285i	24.2059+3.1186i
16.1	-0.2564-0.0266i	-0.2518-0.0139i	-0.2144-0.0189i	-0.2157-0.0178i	-49.7181-9.9579i	38.5579+6.3310i	-39.8670-7.1749i	23.3121+3.1854i
16.2	-0.2457-0.0250i	-0.2411-0.0136i	-0.2048-0.0183i	-0.2066-0.0176i	-47.1498-8.8031i	36.9222+6.4703i	-38.0370-6.4489i	22.5137+3.3917i
16.3	-0.2347-0.0215i	-0.2302-0.0120i	-0.1950-0.0164i	-0.1978-0.0163i	-44.4371-7.4104i	35.3963+6.4816i	-36.1584-5.5333i	21.8043+3.5502i
16.4	-0.2275-0.0211i	-0.2219-0.0117i	-0.1883-0.0165i	-0.1918-0.0165i	-42.4431-6.8141i	34.5069+6.7115i	-34.7834-5.1461i	21.4281+3.7699i
16.5	-0.2182-0.0180i	-0.2119-0.0105i	-0.1802-0.0150i	-0.1841-0.0148i	-39.8883-5.9474i	33.4576+6.6846i	-33.0133-4.5677i	21.0219+3.8395i
16.6	-0.2107-0.0156i	-0.2049-0.0092i	-0.1741-0.0138i	-0.1785-0.0132i	-37.9528-5.5157i	32.7099+6.5045i	-31.6749-4.2815i	20.7414+3.7616i
16.7	-0.2028-0.0124i	-0.1981-0.0078i	-0.1680-0.0123i	-0.1726-0.0111i	-36.2937-5.2121i	31.9927+6.3271i	-30.5438-4.0810i	20.4539+3.6912i
16.8	-0.1927-0.0102i	-0.1884-0.0072i	-0.1605-0.0111i	-0.1647-0.0096i	-34.5081-4.8687i	31.0513+5.8002i	-29.2952-3.8187i	20.0446+3.3800i
16.9	-0.1852-0.0066i	-0.1808-0.0037i	-0.1539-0.0081i	-0.1583-0.0069i	-33.0341-4.1838i	30.0327+5.1134i	-28.2206-3.2721i	19.5368+3.0004i
17.0	-0.1768-0.0064i	-0.1738-0.0042i	-0.1475-0.0083i	-0.1522-0.0071i	-31.5618-4.1777i	29.1723+5.1816i	-27.2011-3.2564i	19.1369+3.0403i
17.1	-0.1694-0.0062i	-0.1676-0.0045i	-0.1418-0.0085i	-0.1471-0.0070i	-30.3144-4.1158i	28.7596+5.0607i	-26.3579-3.2334i	19.0122+2.9635i
17.2	-0.1634-0.0048i	-0.1615-0.0037i	-0.1368-0.0074i	-0.1421-0.0052i	-29.1184-3.9335i	28.0121+4.3478i	-25.5210-3.0599i	18.6555+2.5096i
17.3	-0.1571-0.0029i	-0.1553-0.0025i	-0.1314-0.0059i	-0.1361-0.0033i	-27.9853-3.6659i	26.7088+3.8524i	-24.6504-2.8544i	17.9175+2.2105i
17.4	-0.1518-0.0028i	-0.1498-0.0018i	-0.1268-0.0055i	-0.1313-0.0029i	-27.1385-3.5786i	25.8848+3.7552i	-24.0284-2.7738i	17.4698+2.1459i
17.5	-0.1464-0.0011i	-0.1437+0.0002i	-0.1216-0.0042i	-0.1263-0.0014i	-26.2504-3.2612i	25.0304+3.6228i	-23.3708-2.5407i	17.0103+2.0943i
17.6	-0.1403-0.0007i	-0.1395+0.0009i	-0.1172-0.0039i	-0.1216-0.0012i	-25.4459-3.2220i	24.2166+3.7037i	-22.7924-2.5189i	16.5662+2.1475i
17.7	-0.1336+0.0025i	-0.1337+0.0034i	-0.1120-0.0020i	-0.1160+0.0005i	-24.5265-2.9185i	23.3100+3.6839i	-22.1368-2.3269i	16.0791+2.1635i
17.8	-0.1278+0.0060i	-0.1276+0.0053i	-0.1077-0.0007i	-0.1113+0.0020i	-23.7179-2.7712i	22.7715+3.9495i	-21.5710-2.2520i	15.8066+2.3761i
17.9	-0.1199+0.0090i	-0.1201+0.0080i	-0.1021+0.0011i	-0.1056+0.0039i	-22.9961-2.4748i	22.5760+4.0772i	-21.1128-2.0494i	15.8035+2.5064i
18.0	-0.1136+0.0084i	-0.1136+0.0084i	-0.0975+0.0007i	-0.1008+0.0040i	-22.4049-2.3995i	22.3925+4.1068i	-20.6872-1.9973i	15.7562+2.5256i
18.1	-0.1068+0.0069i	-0.1077+0.0073i	-0.0931+0.0006i	-0.0961+0.0036i	-21.7753-2.3096i	22.1518+3.7729i	-20.2770-1.9338i	15.6689+2.3080i
18.2	-0.1009+0.0071i	-0.1027+0.0067i	-0.0890+0.0009i	-0.0917+0.0035i	-21.1475-2.1180i	21.7245+3.4101i	-19.8264-1.7494i	15.4760+2.0827i

18.3	-0.0957+0.0059i	-0.0973+0.0052i	-0.0843+0.0003i	-0.0873+0.0025i	-20.3924-1.9079i	21.0600+3.0863i	-19.2848-1.5760i	15.1275+1.8786i
18.4	-0.0917+0.0053i	-0.0933+0.0052i	-0.0810+0.0005i	-0.0840+0.0022i	-19.9132-1.6535i	20.5900+2.7514i	-18.9004-1.3745i	14.8883+1.6747i
18.5	-0.0873+0.0052i	-0.0896+0.0054i	-0.0772+0.0013i	-0.0809+0.0022i	-19.2043-1.5308i	19.8873+2.5674i	-18.3565-1.2668i	14.5093+1.5756i
18.6	-0.0852+0.0076i	-0.0876+0.0074i	-0.0745+0.0025i	-0.0796+0.0037i	-18.6273-1.3241i	19.3427+2.5728i	-17.9175-1.1500i	14.2201+1.6029i
18.7	-0.0810+0.0096i	-0.0826+0.0084i	-0.0709+0.0027i	-0.0765+0.0049i	-17.9573-1.3762i	19.0493+2.6871i	-17.4644-1.1988i	14.0902+1.6638i
18.8	-0.0739+0.0091i	-0.0753+0.0081i	-0.0661+0.0024i	-0.0711+0.0053i	-17.4016-1.4875i	18.7749+2.4831i	-17.0639-1.2619i	13.9697+1.5203i
18.9	-0.0681+0.0078i	-0.0712+0.0077i	-0.0626+0.0021i	-0.0668+0.0051i	-17.1218-1.5594i	18.5420+2.3119i	-16.8390-1.2808i	13.8646+1.4082i
19.0	-0.0603+0.0082i	-0.0640+0.0059i	-0.0571+0.0019i	-0.0610+0.0050i	-16.5381-1.4906i	18.1327+2.0329i	-16.4696-1.1550i	13.6834+1.2369i
19.1	-0.0570+0.0058i	-0.0600+0.0040i	-0.0541+0.0004i	-0.0579+0.0038i	-16.1539-1.4339i	17.7785+1.8979i	-16.2288-1.1352i	13.5140+1.1387i
19.2	-0.0532+0.0042i	-0.0559+0.0031i	-0.0511-0.0004i	-0.0546+0.0032i	-15.7445-1.4485i	17.3645+1.6996i	-15.8989-1.1121i	13.3031+1.0090i
19.3	-0.0486+0.0029i	-0.0516+0.0018i	-0.0476-0.0010i	-0.0508+0.0027i	-15.1940-1.3324i	16.8200+1.4848i	-15.4937-0.9996i	13.0084+0.8704i
19.4	-0.0443+0.0026i	-0.0489+0.0016i	-0.0446-0.0009i	-0.0480+0.0026i	-14.8076-1.1842i	16.3847+1.3327i	-15.2268-0.9186i	12.7741+0.7784i
19.5	-0.0416+0.0032i	-0.0456+0.0022i	-0.0425-0.0005i	-0.0454+0.0030i	-14.5913-1.2131i	16.0505+1.2614i	-15.0206-0.9031i	12.5769+0.7413i
19.6	-0.0395+0.0021i	-0.0434+0.0015i	-0.0406-0.0009i	-0.0431+0.0022i	-14.2560-1.1652i	15.7247+1.1636i	-14.7936-0.8596i	12.3970+0.6695i
19.7	-0.0365+0.0011i	-0.0399+0.0003i	-0.0379-0.0016i	-0.0402+0.0012i	-13.8784-1.0873i	15.3372+1.1097i	-14.5313-0.8085i	12.2005+0.6266i
19.8	-0.0322+0.0008i	-0.0369+0.0002i	-0.0345-0.0018i	-0.0375+0.0007i	-13.4889-1.0448i	14.9219+1.0740i	-14.2514-0.7810i	11.9904+0.6009i
19.9	-0.0285-0.0002i	-0.0336-0.0001i	-0.0319-0.0018i	-0.0349+0.0006i	-13.2800-0.9905i	14.5882+0.9520i	-14.0681-0.7305i	11.8025+0.5480i
20.0	-0.0250-0.0005i	-0.0294+0.0005i	-0.0292-0.0017i	-0.0320+0.0010i	-12.9133-0.8968i	14.2708+0.8713i	-13.8261-0.6644i	11.6463+0.4945i
20.1	-0.0223-0.0014i	-0.0264-0.0015i	-0.0269-0.0023i	-0.0295-0.0002i	-12.5795-0.8849i	13.9047+0.8944i	-13.5500-0.6623i	11.4434+0.4985i
20.2	-0.0179-0.0027i	-0.0224-0.0030i	-0.0241-0.0035i	-0.0264-0.0009i	-12.3751-0.8774i	13.6935+0.8216i	-13.4087-0.6559i	11.3287+0.4503i
20.3	-0.0164-0.0044i	-0.0199-0.0047i	-0.0225-0.0049i	-0.0248-0.0022i	-12.2121-0.8916i	13.4966+0.7878i	-13.2641-0.6376i	11.2319+0.4112i
20.4	-0.0117-0.0051i	-0.0155-0.0062i	-0.0188-0.0049i	-0.0210-0.0030i	-11.8250-0.7864i	13.1128+0.6859i	-13.0114-0.5530i	11.0414+0.3520i
20.5	-0.0076-0.0048i	-0.0112-0.0065i	-0.0157-0.0046i	-0.0180-0.0028i	-11.5808-0.7071i	12.9013+0.6082i	-12.8384-0.5124i	10.9359+0.3191i
20.6	-0.0048-0.0050i	-0.0080-0.0065i	-0.0139-0.0050i	-0.0158-0.0030i	-11.4210-0.6742i	12.7437+0.5738i	-12.7079-0.5178i	10.8312+0.2994i
20.7	-0.0006-0.0052i	-0.0027-0.0054i	-0.0100-0.0042i	-0.0120-0.0029i	-11.1009-0.5846i	12.3952+0.5591i	-12.4515-0.4522i	10.6694+0.2968i
20.8	0.0031-0.0060i	0.0009-0.0062i	-0.0071-0.0044i	-0.0096-0.0037i	-10.8585-0.6058i	12.1923+0.5988i	-12.3140-0.4723i	10.5794+0.3292i
20.9	0.0068-0.0107i	0.0035-0.0118i	-0.0047-0.0080i	-0.0072-0.0069i	-10.6461-0.6532i	11.9373+0.5533i	-12.1489-0.4960i	10.4483+0.3004i
21.0	0.0116-0.0167i	0.0094-0.0202i	-0.0012-0.0125i	-0.0033-0.0109i	-10.4553-0.5713i	11.7627+0.3050i	-11.9831-0.4018i	10.3541+0.1270i
21.1	0.0161-0.0184i	0.0144-0.0215i	0.0023-0.0134i	-0.0000-0.0116i	-10.2007-0.4894i	11.5797+0.2269i	-11.8310-0.3356i	10.2825+0.0742i
21.2	0.0179-0.0195i	0.0144-0.0227i	0.0036-0.0143i	0.0010-0.0126i	-10.0152-0.4698i	11.3451+0.1811i	-11.6930-0.2962i	10.1774+0.0305i
21.3	0.0171-0.0219i	0.0130-0.0271i	0.0038-0.0168i	0.0008-0.0149i	-9.7692-0.5155i	11.0381+0.1442i	-11.5041-0.3356i	9.9999+0.0138i
21.4	0.0147-0.0247i	0.0090-0.0303i	0.0016-0.0188i	-0.0013-0.0166i	-9.6336-0.5271i	10.8661+0.1205i	-11.4321-0.3538i	9.8861-0.0106i
21.5	0.0179-0.0266i	0.0122-0.0317i	0.0039-0.0196i	0.0015-0.0176i	-9.4716-0.4211i	10.6831+0.0310i	-11.2988-0.2773i	9.7998-0.0658i
21.6	0.0207-0.0280i	0.0150-0.0321i	0.0060-0.0201i	0.0035-0.0182i	-9.2770-0.4458i	10.4639+0.0402i	-11.1145-0.2602i	9.6856-0.0716i
21.7	0.0210-0.0269i	0.0131-0.0303i	0.0056-0.0190i	0.0038-0.0173i	-9.0905-0.5095i	10.2166+0.1239i	-10.9879-0.3143i	9.5563-0.0106i
21.8	0.0229-0.0296i	0.0136-0.0334i	0.0070-0.0208i	0.0053-0.0191i	-8.8994-0.3310i	9.9512+0.0237i	-10.8489-0.2316i	9.4272-0.0746i
21.9	0.0240-0.0303i	0.0148-0.0347i	0.0084-0.0216i	0.0060-0.0198i	-8.7003-0.2320i	9.7863-0.0774i	-10.7247-0.1436i	9.3342-0.1400i
22.0	0.0293-0.0289i	0.0199-0.0332i	0.0118-0.0201i	0.0090-0.0188i	-8.5636-0.2298i	9.6595-0.1047i	-10.6189-0.1485i	9.2700-0.1442i
22.1	0.0361-0.0342i	0.0264-0.0378i	0.0161-0.0231i	0.0136-0.0220i	-8.3564-0.3091i	9.5037-0.1412i	-10.4825-0.1692i	9.2203-0.1814i
22.2	0.0399-0.0408i	0.0295-0.0429i	0.0189-0.0271i	0.0161-0.0258i	-8.1672-0.2988i	9.3551-0.1847i	-10.3631-0.1626i	9.1619-0.2163i
22.3	0.0403-0.0437i	0.0299-0.0448i	0.0197-0.0285i	0.0168-0.0267i	-8.0450-0.2011i	9.1885-0.2967i	-10.2491-0.0927i	9.0743-0.2854i
22.4	0.0371-0.0505i	0.0277-0.0514i	0.0186-0.0325i	0.0157-0.0314i	-7.8965-0.1359i	8.9782-0.3671i	-10.1359-0.0544i	8.9568-0.3588i
22.5	0.0406-0.0603i	0.0303-0.0592i	0.0209-0.0384i	0.0181-0.0373i	-7.7770-0.2284i	8.8648-0.4122i	-10.0703-0.1022i	8.9105-0.4158i
22.6	0.0464-0.0722i	0.0352-0.0697i	0.0247-0.0455i	0.0218-0.0443i	-7.6700-0.1805i	8.7237-0.6039i	-10.0016-0.0342i	8.8639-0.5372i
22.7	0.0432-0.0813i	0.0325-0.0774i	0.0232-0.0506i	0.0202-0.0498i	-7.5051-0.0863i	8.5340-0.7272i	-9.8992+0.0058i	8.7619-0.6266i
22.8	0.0328-0.0866i	0.0237-0.0828i	0.0175-0.0542i	0.0145-0.0532i	-7.3986-0.1153i	8.2756-0.7635i	-9.8030-0.0117i	8.5752-0.6614i
22.9	0.0188-0.0868i	0.0100-0.0833i	0.0085-0.0547i	0.0061-0.0532i	-7.2867-0.1634i	7.9462-0.7276i	-9.6831-0.0456i	8.3483-0.6342i
23.0	0.0038-0.0818i	-0.0038-0.0789i	-0.0003-0.0516i	-0.0026-0.0506i	-7.1839-0.1471i	7.6343-0.6383i	-9.6020-0.0862i	8.1559-0.5838i
23.1	-0.0048-0.0835i	-0.0106-0.0801i	-0.0045-0.0524i	-0.0070-0.0517i	-7.0365-0.1158i	7.3827-0.6348i	-9.5206-0.0601i	8.0184-0.5945i
23.2	-0.0092-0.0778i	-0.0142-0.0752i	-0.0067-0.0493i	-0.0099-0.0480i	-6.8682-0.1111i	7.1507-0.5847i	-9.3949-0.0547i	7.8818-0.5394i
23.3	-0.0135-0.0706i	-0.0194-0.0685i	-0.0095-0.0446i	-0.0122-0.0434i	-6.7156+0.0352i	6.9475-0.5601i	-9.2811+0.0136i	7.7573-0.4896i
23.4	-0.0148-0.0569i	-0.0198-0.0567i	-0.0097-0.0366i	-0.0123-0.0359i	-6.5450+0.0649i	6.8260-0.3957i	-9.1602+0.0121i	7.6968-0.3644i
23.5	-0.0143-0.0506i	-0.0194-0.0514i	-0.0088-0.0332i	-0.0120-0.0322i	-6.4762+0.0103i	6.7334-0.3003i	-9.1080+0.0030i	7.6639-0.2939i
23.6	-0.0099-0.0439i	-0.0161-0.0445i	-0.0061-0.0287i	-0.0089-0.0281i	-6.4017+0.1288i	6.7433-0.2925i	-9.1417+0.0569i	7.7053-0.2603i
23.7	-0.0036-0.0403i	-0.0111-0.0412i	-0.0025-0.0267i	-0.0054-0.0259i	-6.1798+0.1124i	6.6235-0.2571i	-8.9781+0.0407i	7.6544-0.2346i
23.8	-0.0027-0.0374i	-0.0104-0.0389i	-0.0017-0.0256i	-0.0046-0.0246i	-6.0557-0.0074i	6.4753-0.1492i	-8.8553-0.0241i	7.5782-0.1862i
23.9	0.0051-0.0334i	-0.0037-0.0350i	0.0034-0.0224i	0.0005-0.0225i	-5.9501+0.1221i	6.4717-0.2363i	-8.8258+0.0383i	7.6266-0.2292i
24.0	0.0089-0.0327i	0.0009-0.0332i	0.0068-0.0215i	0.0036-0.0214i	-5.7360+0.1771i	6.4015-0.2432i	-8.7206+0.0776i	7.6113-0.2327i
24.1	0.0130-0.0285i	0.0050-0.0280i	0.0098-0.0193i	0.0066-0.0185i	-5.6793+0.1827i	6.3721-0.2160i	-8.6932+0.0870i	7.6239-0.2099i
24.2	0.0162-0.0262i	0.0089-0.0257i	0.0124-0.0177i	0.0090-0.0167i	-5.6270+0.2042i	6.3437-0.2264i	-8.6777+0.0893i	7.6377-0.2030i
24.3	0.0213-0.0268i	0.0147-0.0264i	0.0162-0.0178i	0.0129-0.0174i	-5.4413+0.0988i	6.2217-0.2174i	-8.5894+0.0582i	7.5957-0.2120i
24.4	0.0270-0.0258i	0.0195-0.0250i	0.0198-0.0174i	0.0162-0.0168i	-5.3391+0.1558i	6.1768-0.2299i	-8.5201+0.0545i	7.5912-0.2278i
24.5	0.0321-0.0251i	0.0235-0.0241i	0.0230-0.0169i	0.0193-0.0162i	-5.3141+0.2061i	6.1478-0.2580i	-8.4869+0.0628i	7.6019-0.2479i

24.6	0.0356-0.0264i	0.0274-0.0256i	0.0257-0.0180i	0.0221-0.0175i	-5.2266+0.1178i	6.1246-0.2531i	-8.4578+0.0500i	7.6332-0.2483i
24.7	0.0400-0.0280i	0.0318-0.0266i	0.0286-0.0190i	0.0247-0.0184i	-5.0684+0.0724i	6.0598-0.2884i	-8.3637+0.0563i	7.6035-0.2869i
24.8	0.0447-0.0278i	0.0380-0.0274i	0.0328-0.0197i	0.0284-0.0188i	-4.9029+0.1571i	5.9853-0.3731i	-8.2810+0.0988i	7.5871-0.3430i
24.9	0.0511-0.0267i	0.0430-0.0266i	0.0364-0.0190i	0.0329-0.0182i	-4.8735+0.2281i	5.9881-0.4396i	-8.2841+0.1380i	7.6454-0.3762i
25.0	0.0547-0.0285i	0.0475-0.0294i	0.0397-0.0199i	0.0358-0.0199i	-4.7310+0.1889i	5.9753-0.5006i	-8.2660+0.1373i	7.6543-0.4132i
25.1	0.0580-0.0314i	0.0526-0.0325i	0.0429-0.0218i	0.0384-0.0221i	-4.6289+0.2396i	5.8706-0.4997i	-8.1967+0.1063i	7.6220-0.4333i
25.2	0.0637-0.0343i	0.0584-0.0342i	0.0467-0.0234i	0.0424-0.0237i	-4.5840+0.2428i	5.8264-0.5881i	-8.1623+0.1301i	7.6568-0.5000i
25.3	0.0696-0.0361i	0.0635-0.0363i	0.0505-0.0247i	0.0468-0.0254i	-4.4681+0.2010i	5.7803-0.6811i	-8.0966+0.1581i	7.6611-0.5618i
25.4	0.0745-0.0386i	0.0684-0.0393i	0.0537-0.0264i	0.0504-0.0279i	-4.3094+0.1934i	5.7780-0.7671i	-8.0473+0.1984i	7.6836-0.6318i
25.5	0.0792-0.0430i	0.0732-0.0453i	0.0573-0.0303i	0.0537-0.0314i	-4.2760+0.1564i	5.7355-0.8522i	-8.0044+0.1590i	7.6938-0.7137i
25.6	0.0838-0.0470i	0.0776-0.0511i	0.0607-0.0337i	0.0567-0.0348i	-4.2034+0.1907i	5.6741-0.9502i	-7.9625+0.1910i	7.7042-0.8039i
25.7	0.0878-0.0516i	0.0812-0.0558i	0.0633-0.0367i	0.0590-0.0382i	-4.1151+0.2074i	5.6148-1.1434i	-7.8924+0.2510i	7.6937-0.9464i
25.8	0.0907-0.0567i	0.0827-0.0608i	0.0651-0.0401i	0.0602-0.0414i	-4.0431+0.2403i	5.5363-1.2064i	-7.8770+0.2673i	7.6534-1.0195i
25.9	0.0954-0.0604i	0.0867-0.0662i	0.0687-0.0431i	0.0632-0.0442i	-3.8974+0.2887i	5.4368-1.3303i	-7.7987+0.3281i	7.6209-1.1187i
26.0	0.0987-0.0648i	0.0907-0.0714i	0.0714-0.0466i	0.0658-0.0481i	-3.8618+0.2239i	5.4039-1.3904i	-7.7714+0.2505i	7.6381-1.1581i
26.1	0.1034-0.0695i	0.0942-0.0767i	0.0746-0.0502i	0.0683-0.0514i	-3.7870+0.1964i	5.3876-1.5138i	-7.7920+0.2508i	7.6713-1.2560i
26.2	0.1065-0.0768i	0.0949-0.0840i	0.0764-0.0556i	0.0692-0.0563i	-3.6747+0.0974i	5.2471-1.6644i	-7.6772+0.2665i	7.5935-1.3919i
26.3	0.1113-0.0859i	0.0977-0.0936i	0.0796-0.0615i	0.0720-0.0629i	-3.5869+0.1263i	5.0949-1.8402i	-7.5866+0.2708i	7.5342-1.5488i
26.4	0.1142-0.0931i	0.0994-0.1006i	0.0817-0.0664i	0.0735-0.0680i	-3.5257+0.0368i	4.9735-1.9849i	-7.5499+0.2827i	7.4830-1.6835i
26.5	0.1161-0.1032i	0.1001-0.1106i	0.0823-0.0741i	0.0743-0.0752i	-3.3905-0.0153i	4.8452-2.1994i	-7.5006+0.3319i	7.4217-1.8603i
26.6	0.1167-0.1125i	0.1003-0.1188i	0.0828-0.0802i	0.0747-0.0809i	-3.3868+0.0294i	4.7365-2.3757i	-7.4907+0.3660i	7.3575-2.0130i
26.7	0.1190-0.1204i	0.1019-0.1269i	0.0841-0.0864i	0.0756-0.0857i	-3.3197-0.0155i	4.6371-2.4871i	-7.4414+0.3160i	7.3262-2.1123i
26.8	0.1201-0.1325i	0.1019-0.1379i	0.0845-0.0946i	0.0759-0.0939i	-3.2549+0.0269i	4.4863-2.6879i	-7.4483+0.3590i	7.2723-2.3104i
26.9	0.1213-0.1449i	0.1030-0.1502i	0.0854-0.1031i	0.0769-0.1024i	-3.2538+0.0897i	4.3526-2.9489i	-7.4219+0.4481i	7.1978-2.5359i
27.0	0.1198-0.1605i	0.0993-0.1648i	0.0839-0.1134i	0.0755-0.1125i	-3.2388-0.0018i	4.2022-3.1333i	-7.4128+0.4516i	7.1140-2.7181i
27.1	0.1170-0.1806i	0.0954-0.1831i	0.0818-0.1258i	0.0731-0.1258i	-3.2131+0.0149i	4.0030-3.4861i	-7.3791+0.4927i	6.9972-3.0240i
27.2	0.1019-0.2011i	0.0792-0.2034i	0.0708-0.1398i	0.0626-0.1391i	-3.1969-0.0048i	3.5893-3.8332i	-7.3427+0.4953i	6.6665-3.3223i
27.3	0.0806-0.2148i	0.0589-0.2158i	0.0560-0.1489i	0.0486-0.1477i	-3.1421-0.0689i	3.0471-4.0508i	-7.2653+0.5384i	6.2553-3.5096i
27.4	0.0554-0.2224i	0.0341-0.2220i	0.0387-0.1535i	0.0314-0.1528i	-3.0888-0.0761i	2.4988-4.0948i	-7.2014+0.5122i	5.8135-3.5750i
27.5	0.0305-0.2273i	0.0070-0.2245i	0.0214-0.1558i	0.0130-0.1553i	-3.0446-0.0948i	1.8832-4.1040i	-7.1408+0.5217i	5.3167-3.5941i
27.6	0.0072-0.2224i	-0.0164-0.2198i	0.0058-0.1529i	-0.0021-0.1526i	-3.0983-0.0084i	1.3926-3.9957i	-7.0932+0.5472i	4.9326-3.5145i
27.7	-0.0174-0.2086i	-0.0388-0.2041i	-0.0103-0.1425i	-0.0180-0.1425i	-3.0649+0.0766i	0.8761-3.6653i	-7.0507+0.5507i	4.5378-3.2554i
27.8	-0.0353-0.1916i	-0.0561-0.1875i	-0.0225-0.1305i	-0.0304-0.1312i	-3.0614+0.0941i	0.4553-3.3488i	-7.0178+0.5408i	4.2171-2.9762i
27.9	-0.0477-0.1666i	-0.0677-0.1621i	-0.0301-0.1124i	-0.0389-0.1143i	-3.0401+0.0986i	0.1283-2.8274i	-6.9370+0.4784i	3.9656-2.5352i
28.0	-0.0481-0.1472i	-0.0684-0.1433i	-0.0297-0.0998i	-0.0391-0.1006i	-2.9325+0.1218i	-0.0171-2.4386i	-6.9055+0.4665i	3.8813-2.1909i
28.1	-0.0402-0.1332i	-0.0625-0.1304i	-0.0247-0.0904i	-0.0349-0.0916i	-2.8428+0.1783i	0.0386-2.2369i	-6.9201+0.4828i	3.9630-2.0048i
28.2	-0.0390-0.1189i	-0.0598-0.1154i	-0.0232-0.0806i	-0.0331-0.0817i	-2.8650+0.3448i	0.0907-1.9742i	-6.9436+0.5219i	4.0381-1.7961i
28.3	-0.0355-0.1063i	-0.0559-0.1025i	-0.0201-0.0721i	-0.0310-0.0722i	-2.7803+0.3235i	-0.0084-1.6852i	-6.8980+0.4692i	3.9997-1.5571i
28.4	-0.0256-0.0955i	-0.0472-0.0911i	-0.0132-0.0642i	-0.0250-0.0644i	-2.6532+0.3669i	-0.0086-1.5366i	-6.8573+0.4706i	4.0483-1.3980i
28.5	-0.0196-0.0888i	-0.0413-0.0841i	-0.0085-0.0601i	-0.0207-0.0603i	-2.6106+0.2242i	0.0308-1.3363i	-6.9008+0.4442i	4.1360-1.2358i
28.6	-0.0103-0.0827i	-0.0318-0.0783i	-0.0017-0.0560i	-0.0151-0.0561i	-2.4748+0.2341i	0.0619-1.3133i	-6.8976+0.4774i	4.2071-1.2063i
28.7	-0.0018-0.0767i	-0.0242-0.0730i	0.0039-0.0519i	-0.0098-0.0523i	-2.4375+0.2875i	0.1230-1.2048i	-6.8819+0.5220i	4.3129-1.1314i
28.8	0.0062-0.0736i	-0.0183-0.0686i	0.0086-0.0496i	-0.0044-0.0498i	-2.3664+0.3259i	0.0902-1.0858i	-6.8632+0.5096i	4.3461-1.0447i
28.9	0.0152-0.0706i	-0.0102-0.0644i	0.0149-0.0472i	0.0010-0.0474i	-2.4104+0.3779i	0.1770-1.0294i	-6.8745+0.5497i	4.4654-0.9955i
29.0	0.0233-0.0681i	-0.0030-0.0603i	0.0209-0.0451i	0.0061-0.0449i	-2.3675+0.4901i	0.1500-0.9605i	-6.8935+0.5218i	4.5339-0.9284i
29.1	0.0290-0.0667i	0.0039-0.0593i	0.0257-0.0444i	0.0106-0.0439i	-2.2946+0.4600i	0.1368-0.8799i	-6.8699+0.5001i	4.5786-0.8650i
29.2	0.0368-0.0684i	0.0119-0.0611i	0.0315-0.0464i	0.0164-0.0450i	-2.1996+0.4115i	0.1719-0.8970i	-6.8116+0.5402i	4.6506-0.8909i
29.3	0.0473-0.0661i	0.0209-0.0589i	0.0395-0.0446i	0.0231-0.0431i	-2.1355+0.3321i	0.1975-0.8031i	-6.8012+0.5327i	4.7253-0.8113i
29.4	0.0535-0.0675i	0.0267-0.0602i	0.0440-0.0455i	0.0265-0.0439i	-2.0954+0.4254i	0.1787-0.7673i	-6.8060+0.5891i	4.7651-0.8129i
29.5	0.0649-0.0699i	0.0372-0.0621i	0.0518-0.0475i	0.0339-0.0449i	-2.0287+0.4685i	0.1984-0.8025i	-6.8241+0.6598i	4.8845-0.8777i
29.6	0.0727-0.0726i	0.0437-0.0623i	0.0568-0.0490i	0.0387-0.0457i	-1.9058+0.3942i	0.2388-0.7296i	-6.8108+0.6348i	4.9797-0.8202i
29.7	0.0823-0.0768i	0.0509-0.0655i	0.0629-0.0521i	0.0448-0.0481i	-1.8408+0.3895i	0.2605-0.7683i	-6.8193+0.6400i	5.0461-0.8596i
29.8	0.0922-0.0789i	0.0616-0.0692i	0.0704-0.0549i	0.0519-0.0497i	-1.7085+0.3182i	0.2577-0.7793i	-6.7949+0.6406i	5.1266-0.8915i
29.9	0.0992-0.0817i	0.0673-0.0720i	0.0749-0.0574i	0.0563-0.0508i	-1.6491+0.3344i	0.2766-0.7791i	-6.7622+0.6518i	5.1920-0.9000i
30.0	0.1072-0.0869i	0.0759-0.0757i	0.0812-0.0609i	0.0614-0.0534i	-1.8581+0.2790i	0.3388-0.9007i	-6.7755+0.7026i	5.2843-0.9988i
30.1	0.1190-0.0937i	0.0871-0.0819i	0.0891-0.0659i	0.0692-0.0576i	-1.7546+0.2803i	0.2637-0.9315i	-6.7766+0.6953i	5.3469-1.0369i
30.2	0.1277-0.1013i	0.0946-0.0873i	0.0950-0.0709i	0.0752-0.0615i	-1.6996+0.3443i	0.2327-0.9013i	-6.8017+0.6951i	5.4183-1.0814i
30.3	0.1383-0.1098i	0.1041-0.0967i	0.1022-0.0775i	0.0827-0.0672i	-1.6995+0.3326i	0.3107-0.8536i	-6.8331+0.6870i	5.5499-1.1059i
30.4	0.1497-0.1231i	0.1108-0.1091i	0.1083-0.0862i	0.0892-0.0759i	-1.5385+0.4459i	0.2047-1.1322i	-6.7870+0.7856i	5.5720-1.3398i
30.5	0.1605-0.1361i	0.1166-0.1199i	0.1146-0.0948i	0.0949-0.0839i	-1.4573+0.5000i	0.0679-1.3090i	-6.7800+0.8590i	5.5976-1.5060i
30.6	0.1673-0.1473i	0.1199-0.1270i	0.1186-0.1010i	0.0986-0.0896i	-1.3453+0.4487i	-0.0142-1.2659i	-6.7615+0.8379i	5.6367-1.5353i
30.7	0.1736-0.1657i	0.1250-0.1361i	0.1221-0.1098i	0.1034-0.0987i	-1.2188+0.3757i	0.0844-1.4321i	-6.7259+0.8497i	5.7389-1.7173i
30.8	0.1809-0.1887i	0.1319-0.1515i	0.1268-0.1230i	0.1084-0.1120i	-1.1654+0.2065i	0.0374-1.6484i	-6.6941+0.8897i	5.7820-1.9617i

30.9	0.1849-0.2089i	0.1361-0.1660i	0.1304-0.1356i	0.1117-0.1250i	-1.1626+0.1870i	-0.1118-1.6211i	-6.7165+0.8241i	5.7878-2.0716i
31.0	0.1870-0.2305i	0.1399-0.1821i	0.1330-0.1494i	0.1137-0.1377i	-1.1884+0.2501i	-0.3165-1.7414i	-6.6653+0.8143i	5.7205-2.2616i
31.1	0.1870-0.2589i	0.1422-0.2017i	0.1336-0.1661i	0.1150-0.1544i	-1.1873+0.1335i	-0.4222-1.9672i	-6.6847+0.8419i	5.7430-2.5249i
31.2	0.1859-0.2858i	0.1447-0.2213i	0.1346-0.1818i	0.1162-0.1701i	-1.0937+0.0396i	-0.4438-2.1015i	-6.7896+0.8549i	5.8146-2.7435i
31.3	0.1855-0.3067i	0.1493-0.2361i	0.1370-0.1940i	0.1174-0.1826i	-0.8784+0.0681i	-0.5849-2.4616i	-6.7879+0.9186i	5.8009-3.0448i
31.4	0.1707-0.3317i	0.1413-0.2563i	0.1299-0.2102i	0.1098-0.1977i	-0.9590+0.1482i	-0.8244-2.5949i	-6.8519+0.9579i	5.6767-3.2885i
31.5	0.1509-0.3631i	0.1345-0.2836i	0.1213-0.2311i	0.1019-0.2181i	-0.9933+0.0409i	-1.1093-2.6942i	-6.9095+0.9548i	5.5248-3.5708i
31.6	0.1364-0.3866i	0.1275-0.3047i	0.1157-0.2478i	0.0940-0.2340i	-0.9593+0.0612i	-1.5203-2.8825i	-6.8617+0.9579i	5.2714-3.8298i
31.7	0.1049-0.4095i	0.1091-0.3258i	0.0994-0.2639i	0.0776-0.2501i	-0.9664-0.0562i	-1.9471-2.9410i	-6.8643+0.9990i	4.9935-4.0906i
31.8	0.0806-0.4322i	0.0957-0.3498i	0.0881-0.2814i	0.0649-0.2656i	-0.9355-0.0146i	-2.3794-3.0150i	-6.8957+1.0593i	4.7311-4.3310i
31.9	0.0576-0.4515i	0.0810-0.3710i	0.0765-0.2967i	0.0516-0.2806i	-1.0671-0.0444i	-2.7874-3.1064i	-6.9718+1.0952i	4.4675-4.5763i
32.0	0.0226-0.4448i	0.0573-0.3739i	0.0550-0.2956i	0.0308-0.2799i	-1.2546-0.1800i	-2.6787-3.0410i	-7.0720+1.0843i	4.3169-4.6095i
32.1	-0.0148-0.4515i	0.0318-0.3912i	0.0348-0.3051i	0.0096-0.2885i	-1.1219-0.1826i	-3.2920-3.1371i	-7.0752+1.2093i	3.8368-4.8493i
32.2	-0.0516-0.4740i	0.0066-0.4177i	0.0141-0.3242i	-0.0118-0.3053i	-1.1461-0.1694i	-4.1567-3.0805i	-7.0929+1.2222i	3.2835-5.0572i
32.3	-0.0855-0.4766i	-0.0238-0.4275i	-0.0084-0.3305i	-0.0340-0.3093i	-1.2373-0.0547i	-4.6778-2.9421i	-7.1320+1.2844i	2.8088-5.0913i
32.4	-0.1226-0.4908i	-0.0558-0.4479i	-0.0314-0.3445i	-0.0573-0.3206i	-1.0799-0.0540i	-5.7391-2.9445i	-7.1087+1.3540i	2.0890-5.2795i
32.5	-0.1690-0.4725i	-0.0949-0.4486i	-0.0612-0.3402i	-0.0876-0.3155i	-1.0824-0.1552i	-6.2381-2.3627i	-7.1706+1.3711i	1.5392-5.0504i
32.6	-0.2022-0.4575i	-0.1219-0.4518i	-0.0822-0.3376i	-0.1075-0.3120i	-1.0672-0.0617i	-6.7875-2.1332i	-7.2449+1.5107i	1.1099-4.9909i
32.7	-0.2218-0.4203i	-0.1419-0.4276i	-0.0954-0.3162i	-0.1221-0.2911i	-1.2961+0.0676i	-6.7006-1.8734i	-7.4153+1.5963i	1.0483-4.6666i
32.8	-0.2546-0.3967i	-0.1829-0.4135i	-0.1210-0.3050i	-0.1495-0.2777i	-1.5221+0.0928i	-7.2255-1.0393i	-7.4648+1.6223i	0.5093-4.1703i
32.9	-0.2793-0.3826i	-0.2103-0.4150i	-0.1380-0.3025i	-0.1677-0.2735i	-1.4330+0.1113i	-8.0633-0.8061i	-7.3992+1.7555i	-0.0627-4.1010i
33.0	-0.2928-0.3445i	-0.2226-0.3908i	-0.1462-0.2817i	-0.1774-0.2517i	-1.4801+0.3283i	-8.1996-0.3989i	-7.5386+1.8371i	-0.1722-3.7131i
33.1	-0.3210-0.3162i	-0.2542-0.3758i	-0.1662-0.2693i	-0.1984-0.2367i	-1.2209+0.4095i	-9.0054+0.5610i	-7.5172+1.8583i	-0.7387-3.1455i
33.2	-0.3383-0.2553i	-0.2909-0.3300i	-0.1863-0.2351i	-0.2189-0.1991i	-1.0639+0.1457i	-8.9786+2.3888i	-7.5934+1.8583i	-0.9371-1.9488i
33.3	-0.3304-0.2195i	-0.2966-0.3024i	-0.1853-0.2143i	-0.2200-0.1769i	-1.3834+0.2144i	-8.7402+3.0175i	-7.8369+1.9911i	-0.8136-1.5096i
33.4	-0.3078-0.1783i	-0.2866-0.2649i	-0.1747-0.1883i	-0.2117-0.1491i	-1.7974+0.3986i	-7.6930+3.8771i	-8.1639+2.1182i	-0.1846-0.8193i
33.5	-0.2956-0.1532i	-0.2938-0.2470i	-0.1713-0.1778i	-0.2103-0.1326i	-1.7485+0.4338i	-7.9115+5.0690i	-8.4018+2.2684i	-0.1548-0.1437i
33.6	-0.2708-0.1427i	-0.2845-0.2474i	-0.1591-0.1789i	-0.1990-0.1257i	-1.7373+0.4877i	-7.8917+5.6511i	-8.7020+2.6186i	0.1766+0.0772i
33.7	-0.2370-0.1188i	-0.2724-0.2302i	-0.1460-0.1690i	-0.1847-0.1084i	-1.9202+0.6120i	-6.4368+6.7376i	-9.0736+2.9668i	1.1623+0.6596i
33.8	-0.1946-0.1106i	-0.2457-0.2222i	-0.1233-0.1665i	-0.1636-0.0988i	-2.0535+1.0897i	-4.4737+6.6471i	-9.5373+3.4735i	2.4616+0.5962i
33.9	-0.1502-0.1312i	-0.2141-0.2397i	-0.0986-0.1837i	-0.1377-0.1052i	-2.1821+1.6115i	-2.8463+5.1483i	-9.9548+4.3679i	3.7578-0.3710i
34.0	-0.1314-0.1850i	-0.2224-0.3124i	-0.0952-0.2350i	-0.1318-0.1419i	-1.8858+2.1666i	-3.6518+3.4698i	-10.1508+5.6892i	3.8206-1.9927i
34.1	-0.1510-0.2407i	-0.2834-0.3726i	-0.1277-0.2825i	-0.1524-0.1767i	-1.3171+2.6533i	-5.4350+2.7519i	-9.6796+7.1931i	2.9210-3.3927i
34.2	-0.1840-0.2730i	-0.3597-0.3948i	-0.1714-0.3080i	-0.1840-0.1909i	-0.7455+3.0026i	-7.0055+2.8349i	-8.9326+8.5270i	1.8378-4.1890i
34.3	-0.2456-0.2935i	-0.4836-0.3759i	-0.2487-0.3169i	-0.2361-0.1890i	0.1455+3.2759i	-8.9190+4.5744i	-7.1560+10.1244i	0.0166-4.4607i
34.4	-0.3315-0.2918i	-0.6261-0.3079i	-0.3467-0.2997i	-0.3008-0.1669i	1.4087+2.9362i	-9.9833+8.2256i	-4.8858+11.1111i	-1.8512-3.6160i
34.5	-0.4115-0.2622i	-0.7153-0.1922i	-0.4233-0.2426i	-0.3485-0.1276i	2.4878+1.7416i	-9.5886+11.4140i	-1.9917+10.4723i	-3.4889-2.2023i
34.6	-0.4729-0.2265i	-0.7693-0.0821i	-0.4762-0.1823i	-0.3829-0.0877i	3.1286+0.8712i	-8.5325+13.4207i	0.1352+9.4742i	-4.4788-0.9617i
34.7	-0.5079-0.1088i	-0.7326+0.1110i	-0.4851-0.0537i	-0.3831+0.0037i	2.8804-0.3752i	-4.9157+14.7030i	1.6645+6.7080i	-4.2530+1.2720i
34.8	-0.5062+0.0015i	-0.6599+0.2567i	-0.4593+0.0502i	-0.3643+0.0832i	2.1243-1.3962i	-1.8939+15.2325i	1.6828+4.5996i	-3.3440+3.1133i
34.9	-0.4722+0.0662i	-0.5625+0.3194i	-0.4082+0.1039i	-0.3251+0.1238i	1.3462-1.5750i	-0.2092+14.5452i	1.0526+3.3153i	-2.3311+3.9401i
35.0	-0.4347+0.1373i	-0.4755+0.3915i	-0.3612+0.1607i	-0.2874+0.1707i	0.7855-1.6539i	1.4153+14.2354i	0.5704+2.1895i	-1.4151+4.8663i
35.1	-0.3624+0.1810i	-0.3638+0.4061i	-0.2923+0.1864i	-0.2293+0.1901i	0.1932-1.6188i	3.0074+13.2869i	-0.2601+1.4530i	-0.0714+5.2119i
35.2	-0.2855+0.2100i	-0.2525+0.4042i	-0.2220+0.1999i	-0.1689+0.1997i	-0.3199-1.4863i	4.5413+11.9062i	-0.9699+0.9919i	1.2478+5.1655i
35.3	-0.2231+0.2247i	-0.1728+0.3960i	-0.1697+0.2046i	-0.1233+0.2026i	-0.7102-1.3706i	5.7779+11.0208i	-1.5904+0.6779i	2.3376+5.1541i
35.4	-0.1722+0.2154i	-0.1141+0.3628i	-0.1283+0.1915i	-0.0875+0.1886i	-0.9370-1.2442i	6.3035+9.9408i	-2.0838+0.5349i	3.0466+4.8183i
35.5	-0.1248+0.1863i	-0.0666+0.3060i	-0.0916+0.1622i	-0.0566+0.1609i	-1.0897-1.0595i	6.3770+8.5062i	-2.5499+0.5410i	3.5745+4.1771i
35.6	-0.0855+0.1729i	-0.0272+0.2786i	-0.0624+0.1489i	-0.0314+0.1485i	-1.1886-0.8457i	6.9343+7.5031i	-2.8853+0.5350i	4.1269+3.7965i
35.7	-0.0526+0.1438i	0.0058+0.2336i	-0.0370+0.1243i	-0.0098+0.1250i	-1.1596-0.5811i	7.0579+6.0926i	-3.2330+0.5618i	4.5407+3.1931i
35.8	-0.0391+0.1114i	0.0077+0.1923i	-0.0296+0.0984i	-0.0055+0.1017i	-1.2120-0.4249i	6.6294+5.1970i	-3.5139+0.6973i	4.5892+2.6588i
35.9	-0.0200+0.0861i	0.0116+0.1569i	-0.0201+0.0774i	0.0026+0.0826i	-1.2431-0.1551i	6.4067+4.2149i	-3.7675+0.8306i	4.7170+2.1447i
36.0	-0.0159+0.0719i	0.0109+0.1408i	-0.0176+0.0666i	0.0031+0.0726i	-1.2196-0.0440i	6.1689+3.9145i	-3.9002+0.8243i	4.6926+1.9905i
36.1	-0.0082+0.0518i	0.0161+0.1208i	-0.0121+0.0528i	0.0069+0.0603i	-1.3396+0.1961i	6.0964+3.2118i	-4.0850+0.8887i	4.7994+1.6669i
36.2	-0.0101+0.0298i	0.0095+0.1044i	-0.0138+0.0393i	0.0050+0.0483i	-1.2250+0.2411i	5.5074+2.7656i	-4.1594+1.0427i	4.6448+1.3978i
36.3	-0.0082+0.0147i	0.0079+0.0952i	-0.0136+0.0307i	0.0055+0.0410i	-1.1437+0.3996i	5.3100+2.4586i	-4.2713+1.1573i	4.6476+1.2289i
36.4	-0.0049-0.0025i	0.0077+0.0833i	-0.0121+0.0210i	0.0066+0.0326i	-1.1694+0.4964i	5.1551+1.8626i	-4.3945+1.2502i	4.6821+0.9687i
36.5	-0.0075-0.0198i	0.0003+0.0789i	-0.0153+0.0126i	0.0044+0.0260i	-1.1354+0.6616i	4.7536+1.5134i	-4.4904+1.4149i	4.5909+0.7655i
36.6	-0.0101-0.0314i	-0.0003+0.0798i	-0.0161+0.0087i	0.0048+0.0226i	-1.1322+0.7700i	4.5010+1.4963i	-4.4524+1.5142i	4.5281+0.7398i
36.7	-0.0108-0.0380i	0.0005+0.0736i	-0.0159+0.0045i	0.0055+0.0188i	-1.0688+0.9081i	4.3072+1.2609i	-4.5103+1.5901i	4.4999+0.6425i
36.8	-0.0156-0.0480i	0.0059+0.0707i	-0.0152-0.0001i	0.0073+0.0150i	-0.9599+1.1480i	4.1641+0.9683i	-4.5705+1.6436i	4.5368+0.5476i
36.9	-0.0222-0.0642i	0.0101+0.0727i	-0.0161-0.0050i	0.0079+0.0102i	-0.8486+1.2084i	3.9095+0.8115i	-4.5562+1.7621i	4.4957+0.4496i
37.0	-0.0285-0.0755i	0.0134+0.0701i	-0.0167-0.0089i	0.0076+0.0058i	-0.7910+1.1343i	3.6392+0.5410i	-4.5591+1.8797i	4.4332+0.2953i
37.1	-0.0388-0.0858i	0.0199+0.0707i	-0.0168-0.0122i	0.0073+0.0032i	-0.6651+1.2793i	3.3093+0.3801i	-4.5006+2.0303i	4.3416+0.2234i

37.2	-0.0476-0.0881i	0.0315+0.0690i	-0.0158-0.0137i	0.0092+0.0010i	-0.5313+1.3369i	3.2857+0.3241i	-4.4947+2.0773i	4.3843+0.2044i
37.3	-0.0551-0.0858i	0.0403+0.0622i	-0.0155-0.0147i	0.0105-0.0015i	-0.4769+1.3401i	3.2337+0.2614i	-4.4264+2.0593i	4.3767+0.1744i
37.4	-0.0658-0.0873i	0.0503+0.0572i	-0.0155-0.0167i	0.0110-0.0043i	-0.4067+1.3557i	3.0983+0.1719i	-4.3818+2.0779i	4.3663+0.1126i
37.5	-0.0812-0.0887i	0.0633+0.0455i	-0.0163-0.0217i	0.0115-0.0094i	-0.2957+1.5072i	2.8244-0.0351i	-4.3565+2.1943i	4.3431+0.0067i
37.6	-0.0844-0.0808i	0.0653+0.0323i	-0.0172-0.0233i	0.0120-0.0117i	-0.1848+1.5474i	2.7361-0.1891i	-4.3447+2.2976i	4.3798-0.0937i
37.7	-0.0979-0.0747i	0.0710+0.0222i	-0.0191-0.0242i	0.0099-0.0149i	-0.1099+1.5399i	2.4942-0.1313i	-4.1826+2.3590i	4.2876-0.1040i
37.8	-0.1061-0.0671i	0.0799+0.0117i	-0.0188-0.0246i	0.0101-0.0166i	-0.0074+1.6097i	2.4372-0.2082i	-4.1012+2.3545i	4.2820-0.1330i
37.9	-0.1119-0.0595i	0.0838-0.0073i	-0.0193-0.0278i	0.0105-0.0215i	0.0890+1.6793i	2.2294-0.3476i	-4.0532+2.3860i	4.2525-0.2242i
38.0	-0.1199-0.0556i	0.0887-0.0205i	-0.0201-0.0306i	0.0090-0.0263i	0.2298+1.6601i	1.9728-0.5128i	-3.9574+2.4404i	4.1816-0.3460i
38.1	-0.1213-0.0445i	0.0841-0.0336i	-0.0222-0.0318i	0.0073-0.0285i	0.2656+1.5644i	1.8714-0.5158i	-3.9181+2.4309i	4.1250-0.3841i
38.2	-0.1199-0.0383i	0.0791-0.0450i	-0.0229-0.0329i	0.0054-0.0312i	0.4552+1.5623i	1.7095-0.6496i	-3.8254+2.4880i	4.0974-0.4644i
38.3	-0.1190-0.0257i	0.0739-0.0574i	-0.0237-0.0326i	0.0035-0.0321i	0.6092+1.5618i	1.6362-0.6478i	-3.7296+2.4055i	4.0477-0.4454i
38.4	-0.1199-0.0167i	0.0721-0.0678i	-0.0245-0.0332i	0.0027-0.0327i	0.6242+1.5048i	1.5322-0.7058i	-3.6987+2.4000i	4.0167-0.4621i
38.5	-0.1152-0.0131i	0.0629-0.0740i	-0.0263-0.0340i	-0.0002-0.0344i	0.5557+1.5101i	1.3493-0.6973i	-3.6537+2.3492i	3.9515-0.4541i
38.6	-0.1200-0.0026i	0.0556-0.0865i	-0.0303-0.0342i	-0.0045-0.0358i	0.7669+1.4478i	1.0162-0.6764i	-3.5191+2.3313i	3.8110-0.4876i
38.7	-0.1167+0.0111i	0.0484-0.0947i	-0.0316-0.0317i	-0.0060-0.0340i	0.8002+1.3375i	0.9137-0.6590i	-3.4512+2.2503i	3.7678-0.4582i
38.8	-0.1098+0.0247i	0.0398-0.1039i	-0.0320-0.0296i	-0.0065-0.0335i	0.9052+1.4137i	0.8270-0.7157i	-3.4309+2.2365i	3.7619-0.4530i
38.9	-0.0946+0.0248i	0.0257-0.1023i	-0.0308-0.0289i	-0.0071-0.0334i	0.9723+1.4289i	0.7180-0.7052i	-3.4285+2.1775i	3.7654-0.4542i
39.0	-0.0898+0.0289i	0.0207-0.1028i	-0.0304-0.0271i	-0.0081-0.0326i	0.9847+1.4203i	0.6623-0.6822i	-3.4012+2.0859i	3.7266-0.4448i
39.1	-0.0859+0.0390i	0.0132-0.1084i	-0.0312-0.0248i	-0.0102-0.0320i	1.0818+1.2793i	0.4527-0.6428i	-3.3442+2.0899i	3.6437-0.4298i
39.2	-0.0756+0.0399i	0.0048-0.1060i	-0.0306-0.0229i	-0.0103-0.0312i	1.0917+1.1631i	0.4357-0.5802i	-3.3258+2.0163i	3.6682-0.3665i
39.3	-0.0585+0.0373i	-0.0041-0.1030i	-0.0274-0.0231i	-0.0087-0.0306i	1.1474+1.1165i	0.3386-0.6319i	-3.3078+1.9770i	3.7112-0.3938i
39.4	-0.0507+0.0394i	-0.0056-0.1025i	-0.0248-0.0226i	-0.0081-0.0291i	1.1907+1.1924i	0.2994-0.5999i	-3.2962+1.9176i	3.7208-0.3659i
39.5	-0.0412+0.0397i	-0.0148-0.1010i	-0.0239-0.0222i	-0.0083-0.0286i	1.2955+1.2447i	0.1601-0.5168i	-3.2405+1.8643i	3.6424-0.3330i
39.6	-0.0278+0.0376i	-0.0262-0.0997i	-0.0214-0.0223i	-0.0086-0.0293i	1.1654+1.0549i	0.0013-0.4736i	-3.2030+1.8091i	3.6472-0.3314i
39.7	-0.0203+0.0308i	-0.0297-0.0951i	-0.0200-0.0232i	-0.0076-0.0307i	1.2582+1.0128i	0.0129-0.5399i	-3.2102+1.7738i	3.6935-0.3661i
39.8	-0.0164+0.0301i	-0.0318-0.0925i	-0.0190-0.0225i	-0.0072-0.0292i	1.3218+1.0334i	-0.0782-0.5445i	-3.2061+1.7314i	3.6481-0.3621i
39.9	-0.0125+0.0294i	-0.0316-0.0898i	-0.0175-0.0212i	-0.0058-0.0285i	1.2427+0.9108i	-0.1354-0.5314i	-3.2102+1.6753i	3.6641-0.3390i
40.0	-0.0044+0.0266i	-0.0350-0.0853i	-0.0159-0.0209i	-0.0046-0.0273i	1.2299+0.9155i	-0.0911-0.4786i	-3.2523+1.6352i	3.6881-0.3316i
40.1	0.0046+0.0218i	-0.0396-0.0798i	-0.0133-0.0206i	-0.0035-0.0278i	1.3597+1.0717i	-0.1606-0.4132i	-3.2436+1.5662i	3.6965-0.2911i
40.2	0.0068+0.0141i	-0.0364-0.0764i	-0.0105-0.0224i	-0.0016-0.0283i	1.2667+1.0283i	-0.2405-0.4933i	-3.2731+1.4971i	3.7197-0.3127i
40.3	0.0114+0.0105i	-0.0354-0.0772i	-0.0089-0.0237i	0.0000-0.0288i	1.2097+1.0162i	-0.2797-0.5572i	-3.3161+1.4851i	3.7314-0.3552i
40.4	0.0152+0.0047i	-0.0382-0.0735i	-0.0090-0.0249i	-0.0003-0.0290i	1.3899+0.9457i	-0.3139-0.4938i	-3.3102+1.4423i	3.7200-0.3520i
40.5	0.0191+0.0009i	-0.0374-0.0685i	-0.0069-0.0245i	0.0008-0.0279i	1.5098+0.8175i	-0.3845-0.4554i	-3.2932+1.3681i	3.7131-0.3298i
40.6	0.0213-0.0035i	-0.0340-0.0625i	-0.0054-0.0244i	0.0020-0.0276i	1.4811+0.7630i	-0.4617-0.4223i	-3.3270+1.3232i	3.7201-0.3092i
40.7	0.0268-0.0072i	-0.0323-0.0603i	-0.0028-0.0254i	0.0052-0.0276i	1.3611+0.7142i	-0.3858-0.4858i	-3.3862+1.2703i	3.7787-0.3150i
40.8	0.0303-0.0119i	-0.0314-0.0577i	-0.0006-0.0255i	0.0064-0.0282i	1.3683+0.6810i	-0.4250-0.4343i	-3.3744+1.2346i	3.7794-0.2916i
40.9	0.0318-0.0165i	-0.0291-0.0581i	0.0009-0.0276i	0.0073-0.0294i	1.4002+0.7420i	-0.5313-0.3759i	-3.4078+1.1964i	3.7728-0.2981i
41.0	0.0334-0.0189i	-0.0266-0.0645i	0.0032-0.0302i	0.0086-0.0326i	1.3478+0.7965i	-0.5987-0.3676i	-3.4724+1.1442i	3.8144-0.3290i
41.1	0.0380-0.0251i	-0.0283-0.0627i	0.0039-0.0308i	0.0102-0.0337i	1.3372+0.8078i	-0.6134-0.4345i	-3.4926+1.1491i	3.8101-0.3687i
41.2	0.0400-0.0327i	-0.0264-0.0600i	0.0049-0.0332i	0.0116-0.0352i	1.2080+0.7534i	-0.6308-0.4797i	-3.5383+1.1252i	3.8161-0.3926i
41.3	0.0389-0.0412i	-0.0258-0.0573i	0.0054-0.0356i	0.0111-0.0363i	1.1263+0.8551i	-0.7209-0.4643i	-3.5717+1.0874i	3.8196-0.4081i
41.4	0.0386-0.0412i	-0.0227-0.0541i	0.0071-0.0348i	0.0125-0.0343i	1.0749+0.8746i	-0.6872-0.4288i	-3.6579+1.0165i	3.8771-0.3472i
41.5	0.0373-0.0421i	-0.0193-0.0565i	0.0075-0.0364i	0.0120-0.0355i	1.1142+0.8650i	-0.6683-0.4441i	-3.7195+1.0241i	3.9170-0.3469i
41.6	0.0387-0.0477i	-0.0198-0.0608i	0.0082-0.0400i	0.0122-0.0381i	1.1410+0.8938i	-0.7432-0.5079i	-3.7837+0.9865i	3.9179-0.4110i
41.7	0.0400-0.0516i	-0.0193-0.0639i	0.0096-0.0420i	0.0135-0.0397i	1.0552+1.0239i	-0.8021-0.5707i	-3.8312+1.0222i	3.9220-0.4741i
41.8	0.0436-0.0586i	-0.0199-0.0638i	0.0111-0.0447i	0.0148-0.0422i	0.9668+0.8844i	-0.8025-0.5337i	-3.8547+1.0276i	3.9407-0.5046i
41.9	0.0433-0.0648i	-0.0230-0.0600i	0.0097-0.0459i	0.0134-0.0425i	1.0303+0.7875i	-0.8551-0.5006i	-3.8764+1.0273i	3.9182-0.5039i
42.0	0.0402-0.0704i	-0.0197-0.0559i	0.0097-0.0460i	0.0138-0.0418i	1.1076+0.9175i	-0.8814-0.4941i	-3.9477+1.0240i	3.9059-0.4722i
42.1	0.0421-0.0724i	-0.0180-0.0580i	0.0109-0.0479i	0.0160-0.0435i	1.1892+1.0737i	-0.9111-0.5303i	-4.0127+1.0491i	3.9600-0.5081i
42.2	0.0412-0.0818i	-0.0138-0.0576i	0.0117-0.0514i	0.0171-0.0466i	1.0262+1.1207i	-0.9649-0.5317i	-4.0534+1.0230i	3.9520-0.5292i
42.3	0.0345-0.0837i	-0.0125-0.0602i	0.0103-0.0528i	0.0150-0.0481i	1.0630+1.1684i	-1.0002-0.5900i	-4.1086+1.0971i	3.9247-0.5760i
42.4	0.0314-0.0845i	-0.0101-0.0614i	0.0099-0.0540i	0.0151-0.0487i	1.1916+1.2335i	-1.0486-0.5868i	-4.0843+1.0896i	3.8771-0.5854i
42.5	0.0300-0.0880i	-0.0118-0.0604i	0.0085-0.0552i	0.0129-0.0499i	1.1287+1.1660i	-1.1384-0.6408i	-4.1152+1.0764i	3.8960-0.5810i
42.6	0.0295-0.0861i	-0.0126-0.0608i	0.0075-0.0543i	0.0138-0.0491i	1.2515+1.3637i	-1.1177-0.6279i	-4.2004+1.1175i	3.9484-0.6146i
42.7	0.0284-0.0860i	-0.0162-0.0586i	0.0070-0.0539i	0.0127-0.0480i	1.1988+1.3702i	-1.1731-0.5113i	-4.2063+1.1198i	3.9309-0.5600i
42.8	0.0329-0.0909i	-0.0150-0.0569i	0.0092-0.0552i	0.0146-0.0485i	1.1868+1.3938i	-1.2395-0.5700i	-4.2316+1.1281i	3.9478-0.5897i
42.9	0.0334-0.0983i	-0.0114-0.0561i	0.0100-0.0577i	0.0169-0.0506i	1.4093+1.4698i	-1.2896-0.6208i	-4.2691+1.1620i	3.9564-0.6413i
43.0	0.0289-0.1046i	-0.0102-0.0526i	0.0093-0.0578i	0.0152-0.0516i	1.4009+1.3673i	-1.2812-0.6732i	-4.2572+1.2022i	3.9224-0.6587i
43.1	0.0139-0.1088i	-0.0053-0.0582i	0.0068-0.0606i	0.0130-0.0548i	1.4355+1.2847i	-1.4118-0.7118i	-4.2735+1.2242i	3.9116-0.7057i
43.2	0.0051-0.1026i	-0.0031-0.0604i	0.0046-0.0592i	0.0109-0.0543i	1.4197+1.5277i	-1.5067-0.7018i	-4.3176+1.2208i	3.9256-0.7053i
43.3	0.0072-0.0940i	0.0011-0.0575i	0.0070-0.0552i	0.0129-0.0507i	1.4422+1.6705i	-1.4856-0.5569i	-4.3340+1.1773i	3.9418-0.6344i
43.4	0.0126-0.0897i	0.0116-0.0566i	0.0131-0.0538i	0.0176-0.0483i	1.5635+1.6988i	-1.4363-0.5070i	-4.3891+1.1011i	4.0004-0.6045i

43.5	0.0172-0.0918i	0.0110-0.0595i	0.0142-0.0556i	0.0197-0.0507i	1.5573+1.6650i	-1.3905-0.5807i	-4.4758+1.1334i	4.0818-0.6219i
43.6	0.0198-0.0953i	0.0149-0.0649i	0.0163-0.0584i	0.0220-0.0531i	1.4698+1.6817i	-1.3940-0.5960i	-4.5429+1.1115i	4.1226-0.6592i
43.7	0.0139-0.0979i	0.0157-0.0692i	0.0154-0.0605i	0.0204-0.0552i	1.6535+1.8388i	-1.4883-0.6619i	-4.5589+1.1355i	4.0709-0.6945i
43.8	0.0216-0.0926i	0.0171-0.0720i	0.0178-0.0599i	0.0230-0.0549i	1.7556+1.9268i	-1.5949-0.6391i	-4.5715+1.1772i	4.0741-0.6999i
43.9	0.0261-0.0994i	0.0195-0.0757i	0.0205-0.0627i	0.0257-0.0583i	1.7538+1.9259i	-1.6054-0.6681i	-4.5849+1.1978i	4.0982-0.7715i
44.0	0.0250-0.1026i	0.0211-0.0762i	0.0209-0.0639i	0.0260-0.0592i	1.6876+1.8023i	-1.6447-0.7404i	-4.5893+1.1961i	4.0622-0.7996i
44.1	0.0292-0.1038i	0.0252-0.0815i	0.0247-0.0671i	0.0283-0.0608i	1.9016+1.9721i	-1.6535-0.6944i	-4.6384+1.1781i	4.0914-0.8101i
44.2	0.0344-0.1158i	0.0355-0.0869i	0.0299-0.0737i	0.0326-0.0672i	1.7207+2.1541i	-1.6631-0.6649i	-4.7081+1.1391i	4.1981-0.8443i
44.3	0.0252-0.1365i	0.0343-0.1019i	0.0270-0.0853i	0.0290-0.0781i	1.7140+1.9855i	-1.7223-0.7662i	-4.7301+1.1735i	4.1511-0.9810i
44.4	-0.0018-0.1326i	0.0210-0.1160i	0.0139-0.0894i	0.0147-0.0812i	2.0415+2.0561i	-1.8069-0.7532i	-4.8032+1.1649i	4.0217-1.0110i
44.5	-0.0026-0.1119i	0.0077-0.1164i	0.0094-0.0833i	0.0107-0.0745i	1.9617+1.9933i	-1.8844-0.6750i	-4.8841+1.1680i	3.9830-0.9428i
44.6	0.0055-0.1062i	0.0077-0.1176i	0.0127-0.0822i	0.0138-0.0729i	1.9344+1.9011i	-1.8919-0.7013i	-4.8987+1.1790i	4.0260-0.9275i
44.7	0.0104-0.1019i	-0.0033-0.1136i	0.0108-0.0795i	0.0127-0.0695i	1.9344+2.0317i	-1.9659-0.7574i	-4.9766+1.1578i	4.0074-0.8599i
44.8	0.0137-0.1014i	-0.0087-0.1050i	0.0099-0.0765i	0.0121-0.0662i	1.9864+1.9942i	-1.9820-0.6867i	-5.0313+1.1831i	3.9878-0.8096i
44.9	0.0331-0.1017i	-0.0004-0.0970i	0.0198-0.0746i	0.0212-0.0621i	1.9677+2.1641i	-1.9996-0.6895i	-5.1604+1.2316i	4.1159-0.8446i
45.0	0.0425-0.1146i	0.0099-0.0978i	0.0266-0.0799i	0.0284-0.0667i	2.0795+2.3801i	-1.9583-0.6813i	-5.2641+1.2911i	4.1828-0.9063i
45.1	0.0320-0.1357i	0.0134-0.1104i	0.0251-0.0915i	0.0261-0.0782i	2.2417+2.4791i	-1.9450-0.7629i	-5.2996+1.4025i	4.1709-1.0290i
45.2	0.0196-0.1371i	0.0124-0.1163i	0.0208-0.0955i	0.0221-0.0806i	2.2316+2.4116i	-1.9708-0.7864i	-5.3480+1.4431i	4.1322-1.0871i
45.3	0.0127-0.1357i	0.0063-0.1268i	0.0158-0.0997i	0.0178-0.0842i	2.1769+2.4133i	-2.0547-0.8093i	-5.4308+1.4515i	4.1191-1.1483i
45.4	0.0122-0.1210i	-0.0111-0.1228i	0.0108-0.0932i	0.0137-0.0776i	2.2220+2.2644i	-2.2712-0.7554i	-5.4267+1.4259i	4.0077-1.0533i
45.5	0.0265-0.1312i	0.0007-0.1283i	0.0194-0.1000i	0.0219-0.0814i	2.4220+2.5336i	-2.2242-0.8007i	-5.5301+1.4809i	4.0895-1.1190i
45.6	0.0228-0.1349i	-0.0063-0.1338i	0.0144-0.1033i	0.0183-0.0840i	2.5926+2.8038i	-2.3062-0.8256i	-5.6084+1.5298i	4.0489-1.1762i
45.7	0.0363-0.1317i	-0.0038-0.1171i	0.0210-0.0959i	0.0233-0.0774i	2.5881+2.6997i	-2.3002-0.7896i	-5.6448+1.5485i	4.0955-1.0745i
45.8	0.0407-0.1556i	0.0017-0.1232i	0.0256-0.1065i	0.0266-0.0872i	2.7009+2.5332i	-2.2838-0.8597i	-5.7011+1.6410i	4.0707-1.1883i
45.9	0.0264-0.1761i	-0.0015-0.1378i	0.0167-0.1195i	0.0216-0.0977i	2.7801+2.7073i	-2.3085-0.9181i	-5.7778+1.7269i	4.0605-1.2910i
46.0	0.0084-0.1733i	-0.0081-0.1414i	0.0078-0.1199i	0.0144-0.0970i	2.8770+2.6248i	-2.3782-0.8487i	-5.8090+1.7785i	4.0347-1.3128i
46.1	-0.0005-0.1655i	-0.0182-0.1548i	0.0007-0.1241i	0.0076-0.0998i	2.9650+2.7035i	-2.5505-0.8890i	-5.8402+1.8324i	3.9396-1.3411i
46.2	0.0001-0.1434i	-0.0435-0.1450i	-0.0076-0.1159i	0.0010-0.0909i	2.9441+2.9139i	-2.6864-0.8331i	-5.8826+1.8786i	3.8592-1.2558i
46.3	0.0330-0.1552i	-0.0345-0.1336i	0.0058-0.1144i	0.0140-0.0889i	3.1560+2.6765i	-2.5973-0.8942i	-5.9527+1.9159i	3.9964-1.1960i
46.4	0.0283-0.2045i	-0.0293-0.1524i	0.0034-0.1375i	0.0137-0.1080i	3.2964+2.7173i	-2.5699-0.9893i	-6.0490+1.9679i	4.0285-1.3514i
46.5	-0.0255-0.1944i	-0.0586-0.1414i	-0.0247-0.1312i	-0.0093-0.1014i	3.3589+2.7924i	-2.7361-0.8790i	-6.0596+2.0784i	3.7571-1.3557i
46.6	-0.0426-0.1635i	-0.0643-0.1204i	-0.0350-0.1120i	-0.0181-0.0841i	3.5296+2.9895i	-2.7938-0.8286i	-6.0945+2.1742i	3.6589-1.2040i
46.7	-0.0309-0.1454i	-0.0600-0.1078i	-0.0281-0.1005i	-0.0107-0.0747i	3.7015+3.0777i	-2.8388-0.8491i	-6.1518+2.2705i	3.7332-1.0907i
46.8	-0.0091-0.1355i	-0.0494-0.0986i	-0.0185-0.0951i	-0.0000-0.0705i	3.7008+3.0245i	-2.8829-0.7745i	-6.1780+2.3125i	3.8186-1.0396i
46.9	0.0073-0.1450i	-0.0372-0.0974i	-0.0104-0.0996i	0.0074-0.0742i	3.6261+2.9246i	-2.8906-0.7344i	-6.1673+2.2922i	3.9060-1.0632i
47.0	-0.0022-0.1700i	-0.0397-0.1085i	-0.0159-0.1107i	0.0045-0.0828i	3.7795+2.9799i	-2.9688-0.8260i	-6.2424+2.3439i	3.8322-1.1293i
47.1	-0.0186-0.1502i	-0.0477-0.0901i	-0.0260-0.0971i	-0.0009-0.0711i	3.9205+2.9550i	-3.0186-0.7616i	-6.3469+2.4639i	3.7526-1.0387i
47.2	-0.0098-0.1285i	-0.0388-0.0741i	-0.0177-0.0837i	0.0080-0.0607i	4.0400+2.9669i	-2.9753-0.7396i	-6.3964+2.5554i	3.8893-0.9500i
47.3	0.0139-0.1389i	-0.0208-0.0804i	-0.0040-0.0890i	0.0211-0.0665i	4.0809+3.1019i	-3.1014-0.8002i	-6.3831+2.6291i	4.0014-0.9694i
47.4	0.0314-0.1554i	-0.0079-0.0908i	0.0048-0.1011i	0.0306-0.0765i	4.3446+3.2862i	-3.1244-0.8082i	-6.4132+2.6960i	4.1144-1.0257i
47.5	0.0252-0.1808i	-0.0147-0.1004i	0.0018-0.1112i	0.0283-0.0880i	4.4208+3.0567i	-3.0627-0.8021i	-6.4442+2.7989i	4.0684-1.1257i
47.6	0.0040-0.2006i	-0.0190-0.1012i	-0.0075-0.1198i	0.0229-0.0955i	4.4661+3.1372i	-3.1111-0.8533i	-6.4536+2.8507i	4.0308-1.1637i
47.7	-0.0156-0.1983i	-0.0204-0.0983i	-0.0175-0.1155i	0.0137-0.0925i	4.5542+3.0975i	-3.1813-0.8332i	-6.4531+2.8734i	3.9632-1.1089i
47.8	-0.0281-0.1887i	-0.0244-0.0967i	-0.0244-0.1043i	0.0085-0.0852i	4.8350+2.7053i	-3.3001-0.8857i	-6.5141+2.9651i	3.9614-1.0709i
47.9	-0.0247-0.1691i	-0.0210-0.0843i	-0.0203-0.0967i	0.0123-0.0792i	4.9532+2.7822i	-3.3369-0.8184i	-6.6039+3.0189i	4.0051-1.0421i
48.0	-0.0212-0.1690i	-0.0093-0.0831i	-0.0142-0.0996i	0.0176-0.0805i	5.0851+2.8893i	-3.2945-0.7917i	-6.7060+3.0926i	4.0017-1.0402i
48.1	-0.0219-0.1605i	-0.0039-0.0874i	-0.0126-0.0967i	0.0198-0.0806i	5.1180+2.9029i	-3.4503-0.7471i	-6.7391+3.1339i	4.0222-1.0245i
48.2	-0.0065-0.1670i	0.0091-0.0887i	-0.0028-0.0998i	0.0302-0.0835i	5.1665+2.8209i	-3.3478-0.8044i	-6.8487+3.2320i	4.1534-0.9969i
48.3	-0.0152-0.1733i	0.0052-0.0942i	-0.0064-0.1046i	0.0265-0.0887i	5.4028+2.9226i	-3.2873-0.8502i	-6.9709+3.3642i	4.1270-1.0380i
48.4	-0.0216-0.1625i	-0.0029-0.0916i	-0.0102-0.0996i	0.0218-0.0845i	5.4803+2.9290i	-3.4130-0.7712i	-7.0399+3.4499i	4.0642-1.0323i
48.5	-0.0078-0.1678i	0.0063-0.0918i	-0.0034-0.0994i	0.0291-0.0862i	5.3713+2.9163i	-3.5534-0.7098i	-7.1092+3.4942i	4.1310-1.1305i
48.6	-0.0022-0.1776i	0.0226-0.0961i	0.0039-0.1043i	0.0381-0.0903i	5.6247+2.8633i	-3.4544-0.7641i	-7.1840+3.6216i	4.2306-1.0821i
48.7	-0.0116-0.1834i	0.0202-0.1069i	-0.0021-0.1121i	0.0343-0.0978i	5.6759+2.9991i	-3.4955-0.7333i	-7.2705+3.6866i	4.2503-1.1026i
48.8	-0.0383-0.1912i	0.0061-0.1155i	-0.0161-0.1145i	0.0216-0.1044i	5.7907+2.9595i	-3.5865-0.8721i	-7.3361+3.8747i	4.1366-1.2402i
48.9	-0.0461-0.1764i	0.0002-0.1079i	-0.0200-0.1049i	0.0178-0.0984i	6.1319+2.7946i	-3.6657-0.8496i	-7.4488+4.0026i	4.1192-1.1785i
49.0	-0.0288-0.1473i	0.0097-0.0935i	-0.0112-0.0891i	0.0249-0.0840i	6.4127+2.6340i	-3.7229-0.8892i	-7.6378+4.1624i	4.1433-1.0053i
49.1	-0.0089-0.1382i	0.0280-0.0891i	0.0022-0.0858i	0.0376-0.0807i	6.5049+2.7209i	-3.6475-0.8952i	-7.7813+4.2977i	4.2231-0.9482i
49.2	0.0224-0.1327i	0.0499-0.0825i	0.0206-0.0823i	0.0558-0.0777i	6.4782+2.5784i	-3.6906-1.0015i	-7.7818+4.4673i	4.3900-0.9081i
49.3	0.0464-0.1469i	0.0677-0.0921i	0.0334-0.0908i	0.0681-0.0848i	6.3089+2.5229i	-3.7651-0.9856i	-7.8128+4.6059i	4.5581-0.9349i
49.4	0.0419-0.1809i	0.0715-0.1183i	0.0322-0.1112i	0.0682-0.1051i	6.5602+2.7403i	-3.6899-0.9604i	-7.9408+4.8700i	4.5494-1.0814i
49.5	0.0176-0.1783i	0.0587-0.1262i	0.0202-0.1113i	0.0566-0.1074i	6.9031+2.7652i	-3.7297-0.9482i	-8.0735+5.1845i	4.4208-1.0691i
49.6	0.0186-0.1709i	0.0523-0.1240i	0.0249-0.1093i	0.0608-0.1061i	6.8471+2.6938i	-3.8621-0.9011i	-8.2031+5.3314i	4.3850-1.0097i
49.7	0.0389-0.1676i	0.0652-0.1152i	0.0323-0.1170i	0.0685-0.1145i	6.9544+2.3436i	-3.7816-0.9930i	-8.3806+5.6889i	4.5245-1.0211i

49.8	0.0434-0.1989i	0.0714-0.1361i	0.0270-0.1290i	0.0638-0.1268i	7.1020+2.2664i	-3.8190-1.0180i	-8.4026+6.0608i	4.4896-1.1648i
49.9	0.0134-0.2176i	0.0579-0.1556i	0.0181-0.1334i	0.0538-0.1336i	7.4431+2.3717i	-3.9186-1.1116i	-8.4282+6.5013i	4.3930-1.1685i
50.0	0.0273-0.2149i	0.0625-0.1578i	0.0310-0.1301i	0.0656-0.1301i	7.8362+2.5672i	-3.9893-1.3143i	-8.4513+6.7369i	4.4158-1.1477i
50.1	0.0575-0.2576i	0.0846-0.1841i	0.0497-0.1473i	0.0868-0.1455i	8.0871+2.3505i	-4.1013-1.6590i	-8.4052+7.1285i	4.5246-1.1695i
50.2	0.0410-0.2794i	0.0904-0.1938i	0.0381-0.1614i	0.0776-0.1609i	7.7674+2.1780i	-4.0921-1.3629i	-8.2430+7.5483i	4.6775-1.3279i
50.3	-0.0018-0.2549i	0.0673-0.1925i	0.0169-0.1563i	0.0542-0.1600i	7.8477+1.7940i	-4.2429-1.2351i	-8.0235+7.8139i	4.5538-1.1544i
50.4	0.0064-0.2211i	0.0612-0.1814i	0.0184-0.1427i	0.0533-0.1461i	8.1136+1.7511i	-4.4221-1.2111i	-7.8926+8.0441i	4.6761-0.9893i
50.5	0.0392-0.2352i	0.0810-0.1889i	0.0370-0.1527i	0.0698-0.1545i	8.4104+1.6659i	-4.3923-1.1925i	-7.9387+8.4684i	4.8234-1.0291i
50.6	0.0287-0.2558i	0.0776-0.2116i	0.0333-0.1610i	0.0664-0.1637i	8.5303+1.4574i	-4.4730-1.3816i	-7.7847+8.9025i	4.7956-1.0364i
50.7	0.0324-0.2487i	0.0618-0.2048i	0.0292-0.1542i	0.0603-0.1579i	8.8149+1.3922i	-4.5643-1.2878i	-7.6137+9.4661i	4.7987-1.0814i
50.8	0.0572-0.2615i	0.0846-0.2047i	0.0444-0.1597i	0.0760-0.1614i	8.8400+1.2717i	-4.6398-1.2785i	-7.2262+9.6878i	4.9893-1.0312i
50.9	0.0579-0.3011i	0.0916-0.2361i	0.0470-0.1828i	0.0797-0.1845i	8.8711+1.1049i	-4.7581-1.4829i	-6.9263+10.0309i	5.1400-1.1388i
51.0	0.0331-0.2967i	0.0850-0.2419i	0.0424-0.1844i	0.0712-0.1870i	9.2745+1.0467i	-4.8044-1.4922i	-6.4180+10.5494i	5.0850-1.1842i
51.1	0.0698-0.3105i	0.0988-0.2512i	0.0591-0.1918i	0.0885-0.1936i	9.0296+1.0624i	-4.9020-1.4133i	-6.2711+10.7625i	5.3814-1.1702i
51.2	0.0510-0.3479i	0.0886-0.2801i	0.0488-0.2170i	0.0821-0.2200i	9.0661+0.7077i	-5.1742-1.5363i	-5.7593+10.9493i	5.5498-1.3930i
51.3	0.0194-0.3588i	0.0826-0.2883i	0.0413-0.2230i	0.0743-0.2282i	9.1003+0.4860i	-5.2666-1.6286i	-5.3196+11.1615i	5.5566-1.3471i
51.4	-0.0128-0.3615i	0.0648-0.2976i	0.0278-0.2282i	0.0598-0.2362i	9.2614+0.1039i	-5.3869-1.7060i	-4.8469+11.3522i	5.4926-1.4029i
51.5	0.0302-0.3332i	0.0885-0.2835i	0.0499-0.2113i	0.0790-0.2154i	9.2809+0.0660i	-5.4794-1.5930i	-4.4248+11.4536i	5.7716-1.3010i
51.6	0.0587-0.3653i	0.1070-0.3137i	0.0624-0.2321i	0.0926-0.2356i	9.0877-0.1800i	-5.5437-1.5515i	-4.0867+11.5199i	5.9811-1.5062i
51.7	0.0213-0.4081i	0.0614-0.3507i	0.0311-0.2587i	0.0643-0.2624i	9.7614-0.5037i	-5.5870-1.5605i	-3.4996+11.8139i	5.7727-1.7373i
51.8	0.0165-0.4101i	0.0504-0.3469i	0.0262-0.2585i	0.0585-0.2616i	9.7360-0.6976i	-5.7575-1.4957i	-3.2135+11.8558i	5.8453-1.7442i
51.9	0.0295-0.4357i	0.0608-0.3486i	0.0337-0.2682i	0.0661-0.2719i	9.5572-0.9225i	-5.7954-1.4793i	-2.7596+11.9230i	6.0057-1.8513i
52.0	0.0048-0.5038i	0.0542-0.3661i	0.0247-0.2983i	0.0592-0.3032i	9.4451-1.1923i	-5.9349-1.6694i	-2.1654+11.9394i	6.1838-2.1732i
52.1	-0.0438-0.5262i	0.0539-0.3876i	0.0086-0.3117i	0.0435-0.3187i	9.3209-1.4217i	-6.1262-1.7063i	-1.5670+11.9061i	6.0900-2.4499i
52.2	-0.1086-0.5305i	0.0318-0.4049i	-0.0197-0.3174i	0.0132-0.3278i	9.4248-1.4199i	-6.3055-1.6649i	-0.9995+11.8386i	5.8812-2.6569i
52.3	-0.1554-0.4691i	0.0161-0.3841i	-0.0394-0.2898i	-0.0098-0.2987i	9.1922-1.4918i	-6.4939-1.5687i	-0.5367+11.5848i	5.7434-2.4698i
52.4	-0.1177-0.4559i	0.0496-0.3948i	-0.0153-0.2917i	0.0141-0.2967i	9.1272-1.5876i	-6.6073-1.4792i	-0.3673+11.4624i	5.9931-2.5040i
52.5	-0.1383-0.5094i	0.0253-0.4697i	-0.0309-0.3367i	0.0014-0.3423i	9.3124-2.1025i	-6.7257-1.5930i	0.2583+11.4847i	5.9209-2.9830i
52.6	-0.1971-0.5069i	-0.0427-0.4762i	-0.0745-0.3373i	-0.0419-0.3447i	9.0480-2.2219i	-6.9572-1.5834i	0.9370+11.3917i	5.5900-3.1384i
52.7	-0.1770-0.4468i	-0.0445-0.4189i	-0.0685-0.2984i	-0.0360-0.3034i	8.8419-2.2580i	-7.1118-1.4454i	1.3881+10.7916i	5.5966-2.8377i
52.8	-0.1482-0.4974i	-0.0096-0.4575i	-0.0491-0.3292i	-0.0128-0.3347i	8.9711-2.1009i	-7.1994-1.3165i	1.5262+10.5414i	5.8211-3.1414i
52.9	-0.2094-0.5308i	-0.0401-0.4792i	-0.0799-0.3462i	-0.0437-0.3559i	8.9941-1.9789i	-7.4261-1.2873i	1.8550+10.2677i	5.6733-3.2766i
53.0	-0.2575-0.5198i	-0.0387-0.4789i	-0.0952-0.3408i	-0.0593-0.3533i	8.9936-2.1134i	-7.6753-1.1737i	2.3455+9.7106i	5.5962-3.3324i
53.1	-0.3108-0.4851i	-0.0675-0.5152i	-0.1221-0.3424i	-0.0886-0.3548i	8.6732-2.3164i	-7.7057-1.0137i	2.6368+9.1745i	5.2486-3.3805i
53.2	-0.3402-0.4376i	-0.1284-0.5305i	-0.1531-0.3324i	-0.1206-0.3446i	8.5341-2.0836i	-7.8407-0.8574i	2.6769+8.7547i	4.9877-3.3509i
53.3	-0.3164-0.3997i	-0.1751-0.5043i	-0.1616-0.3110i	-0.1279-0.3224i	8.4496-2.1933i	-7.9686-0.7770i	2.7642+8.3443i	5.0364-3.1531i
53.4	-0.2767-0.4182i	-0.1754-0.4416i	-0.1477-0.2937i	-0.1123-0.3064i	8.3093-2.1562i	-8.0991-0.6812i	2.9749+7.8846i	5.3320-3.0588i
53.5	-0.2976-0.4201i	-0.1511-0.4367i	-0.1462-0.2927i	-0.1121-0.3064i	8.3409-2.2280i	-8.1285-0.5840i	2.9106+7.5326i	5.3379-3.1394i
53.6	-0.2935-0.3663i	-0.1297-0.4504i	-0.1372-0.2797i	-0.1036-0.2918i	8.6221-2.5830i	-8.2069-0.4755i	2.7364+7.1822i	5.4601-2.9728i
53.7	-0.2615-0.3563i	-0.1129-0.4653i	-0.1207-0.2820i	-0.0858-0.2933i	8.8380-2.3437i	-8.2525-0.3979i	2.7076+7.1679i	5.7145-2.9451i
53.8	-0.2208-0.4142i	-0.0891-0.5125i	-0.0991-0.3184i	-0.0609-0.3319i	8.6040-2.1299i	-8.3625-0.3715i	2.6945+6.9118i	6.0609-3.3322i
53.9	-0.2549-0.4842i	-0.1000-0.5811i	-0.1122-0.3640i	-0.0753-0.3831i	8.5419-2.1855i	-8.5364-0.2633i	2.6229+6.5810i	5.9476-3.9113i
54.0	-0.2988-0.4937i	-0.1582-0.6182i	-0.1458-0.3786i	-0.1111-0.3992i	8.6067-2.2238i	-8.6182-0.2069i	2.5534+6.3904i	5.6785-4.1010i
54.1	-0.3347-0.4491i	-0.2333-0.6031i	-0.1843-0.3591i	-0.1505-0.3774i	8.7638-2.3156i	-8.7045-0.1109i	2.5858+6.0953i	5.3337-3.9728i
54.2	-0.3016-0.4882i	-0.2156-0.6337i	-0.1684-0.3840i	-0.1321-0.4025i	9.2907-2.4171i	-8.7872-0.1136i	2.4596+6.0446i	5.7412-4.1065i
54.3	-0.3688-0.5288i	-0.2762-0.6831i	-0.2115-0.4129i	-0.1772-0.4351i	9.2297-2.4388i	-8.8145-0.0069i	2.4837+5.9105i	5.3023-4.4762i
54.4	-0.4469-0.5018i	-0.3768-0.6701i	-0.2712-0.3996i	-0.2392-0.4234i	9.4276-2.6355i	-8.9422+0.0309i	2.5494+5.6714i	4.9297-4.4690i
54.5	-0.4857-0.4623i	-0.4372-0.6440i	-0.3029-0.3783i	-0.2727-0.4008i	9.7406-2.4478i	-9.1124+0.0494i	2.4343+5.4995i	4.7805-4.2216i
54.6	-0.4892-0.3896i	-0.4728-0.5925i	-0.3147-0.3370i	-0.2853-0.3562i	9.8279-2.6408i	-9.2978+0.1372i	2.2813+5.2939i	4.7206-3.8770i
54.7	-0.4188-0.3567i	-0.4430-0.5417i	-0.2825-0.3082i	-0.2493-0.3266i	9.5945-2.8115i	-9.3869+0.2631i	2.1295+5.1685i	5.1124-3.7242i
54.8	-0.4112-0.4173i	-0.4451-0.5585i	-0.2802-0.3341i	-0.2465-0.3560i	9.6069-2.8357i	-9.3631+0.4377i	2.0903+4.9679i	5.1432-4.0389i
54.9	-0.4835-0.4315i	-0.5079-0.5506i	-0.3255-0.3362i	-0.2947-0.3586i	9.8485-2.7992i	-9.3764+0.5198i	2.0215+4.8193i	4.7452-4.2098i
55.0	-0.5128-0.4058i	-0.5498-0.5228i	-0.3500-0.3179i	-0.3198-0.3408i	10.0773-2.9162i	-9.5817+0.4810i	1.9866+4.6700i	4.7270-4.0640i
55.1	-0.5197-0.3841i	-0.5683-0.4891i	-0.3581-0.2989i	-0.3266-0.3237i	10.0709-2.9081i	-9.7563+0.5661i	1.9562+4.5960i	4.7757-3.9405i
55.2	-0.5361-0.3642i	-0.5839-0.4599i	-0.3678-0.2812i	-0.3368-0.3076i	10.2893-2.9250i	-9.7849+0.7081i	1.9352+4.5475i	4.7370-3.9047i
55.3	-0.5474-0.3266i	-0.5913-0.4163i	-0.3741-0.2522i	-0.3428-0.2811i	10.7417-3.1641i	-9.8703+0.8348i	1.6808+4.3423i	4.7952-3.7554i
55.4	-0.5376-0.2986i	-0.5730-0.3888i	-0.3614-0.2339i	-0.3312-0.2639i	10.5738-3.3735i	-10.0292+0.9451i	1.4792+4.2644i	4.9381-3.7027i
55.5	-0.5232-0.3208i	-0.5619-0.4079i	-0.3516-0.2469i	-0.3241-0.2796i	10.6025-3.3143i	-10.0935+1.0512i	1.3785+4.3282i	5.0669-3.9171i
55.6	-0.5503-0.3036i	-0.5997-0.3833i	-0.3739-0.2345i	-0.3478-0.2669i	10.7392-3.4271i	-10.1543+1.0720i	1.3964+4.1592i	4.8422-4.0914i
55.7	-0.5726-0.2697i	-0.6289-0.3463i	-0.3913-0.2117i	-0.3650-0.2427i	11.1601-3.7969i	-10.2665+1.1441i	1.3172+4.0464i	4.8052-4.0585i
55.8	-0.5774-0.2489i	-0.6422-0.3225i	-0.3966-0.1966i	-0.3708-0.2280i	11.1798-3.9707i	-10.4434+1.2126i	1.1952+4.0503i	4.8545-3.9835i
55.9	-0.5680-0.2304i	-0.6380-0.3021i	-0.3905-0.1840i	-0.3654-0.2150i	11.6037-4.5781i	-10.6636+1.2236i	1.0634+4.0327i	5.0518-3.9874i
56.0	-0.5113-0.2250i	-0.5888-0.2800i	-0.3518-0.1768i	-0.3279-0.2057i	11.4928-4.6735i	-10.9398+1.2105i	0.9056+4.0128i	5.4599-3.7949i

56.1	-0.5444-0.2645i	-0.6122-0.3025i	-0.3718-0.1977i	-0.3475-0.2303i	11.6935-4.7187i	-10.9407+1.5583i	0.8382+4.1129i	5.2846-4.2774i
56.2	-0.5790-0.2406i	-0.6347-0.2797i	-0.3905-0.1811i	-0.3671-0.2144i	11.8569-5.0837i	-11.0554+1.5970i	0.8236+4.0793i	5.1296-4.3191i
56.3	-0.5808-0.2195i	-0.6445-0.2446i	-0.3938-0.1633i	-0.3746-0.1960i	11.9065-5.2927i	-11.4002+1.5739i	0.8031+4.0501i	5.2621-4.1771i
56.4	-0.5766-0.2092i	-0.6375-0.2261i	-0.3910-0.1541i	-0.3716-0.1877i	12.1000-5.6446i	-11.4533+1.6947i	0.7194+4.1011i	5.2638-4.2077i
56.5	-0.5790-0.1823i	-0.6367-0.2050i	-0.3899-0.1380i	-0.3714-0.1736i	12.1870-6.2544i	-11.5641+1.8806i	0.6831+4.1272i	5.2463-4.3664i
56.6	-0.5819-0.1710i	-0.6341-0.1872i	-0.3875-0.1294i	-0.3718-0.1649i	12.2605-6.8134i	-11.8017+2.0311i	0.6372+4.1448i	5.2843-4.4630i
56.7	-0.5735-0.1512i	-0.6263-0.1580i	-0.3821-0.1153i	-0.3675-0.1476i	11.9034-7.2592i	-11.9303+2.1531i	0.5666+4.1446i	5.2223-4.4894i
56.8	-0.5740-0.1426i	-0.6270-0.1463i	-0.3837-0.1088i	-0.3689-0.1412i	11.9306-7.1259i	-12.1859+2.2854i	0.5462+4.2229i	5.3904-4.5563i
56.9	-0.5639-0.1407i	-0.6196-0.1492i	-0.3752-0.1112i	-0.3627-0.1435i	12.1660-7.7693i	-12.4817+2.3187i	0.5293+4.2674i	5.6632-4.5495i
57.0	-0.5545-0.1311i	-0.6127-0.1400i	-0.3688-0.1056i	-0.3595-0.1382i	11.3872-8.2567i	-12.7851+2.3929i	0.6262+4.1927i	5.6875-4.6253i
57.1	-0.5300-0.1228i	-0.5920-0.1279i	-0.3532-0.0990i	-0.3437-0.1328i	11.2542-8.3084i	-12.9894+2.6856i	0.6539+4.2525i	5.7419-4.8028i
57.2	-0.5283-0.1558i	-0.5936-0.1481i	-0.3536-0.1201i	-0.3452-0.1519i	11.4975-8.6609i	-13.0721+3.0243i	0.6917+4.4210i	5.6427-5.0877i
57.3	-0.5736-0.1730i	-0.6274-0.1480i	-0.3798-0.1281i	-0.3721-0.1566i	11.5171-8.8887i	-13.4033+3.2611i	0.8191+4.4248i	5.6824-5.3164i
57.4	-0.5917-0.1607i	-0.6377-0.1366i	-0.3887-0.1186i	-0.3816-0.1470i	11.6903-9.5020i	-13.5926+3.3803i	0.8983+4.4389i	5.6768-5.2811i
57.5	-0.6041-0.1594i	-0.6420-0.1275i	-0.3916-0.1167i	-0.3872-0.1425i	10.6310-9.6946i	-14.0853+3.5767i	1.0353+4.2908i	5.6395-5.5140i
57.6	-0.6119-0.1421i	-0.6407-0.1107i	-0.3957-0.1073i	-0.3899-0.1304i	10.7039-9.6146i	-14.1819+3.8721i	1.0711+4.3245i	5.7240-5.6300i
57.7	-0.6194-0.1293i	-0.6417-0.1018i	-0.3997-0.1014i	-0.3937-0.1238i	10.6745-9.7036i	-14.4723+4.2191i	1.1164+4.2177i	5.7895-5.7820i
57.8	-0.6289-0.1249i	-0.6431-0.0962i	-0.4038-0.1016i	-0.3978-0.1193i	10.5203-9.8088i	-14.7264+4.4918i	1.1153+4.1054i	5.7758-5.7773i
57.9	-0.6435-0.1157i	-0.6498-0.0861i	-0.4114-0.0961i	-0.4035-0.1136i	10.1819-10.2738i	-15.0551+4.7513i	1.1757+4.1328i	5.9706-5.9432i
58.0	-0.6406-0.1058i	-0.6449-0.0822i	-0.4075-0.0931i	-0.4006-0.1089i	9.7713-10.6968i	-15.3821+5.0602i	1.1949+3.9396i	5.9635-6.0980i
58.1	-0.6533-0.0865i	-0.6412-0.0672i	-0.4132-0.0829i	-0.4032-0.0983i	9.8511-10.6025i	-15.6161+5.6452i	1.1572+3.8391i	5.9196-6.3196i
58.2	-0.6636-0.0631i	-0.6505-0.0828i	-0.4206-0.0812i	-0.4082-0.0981i	9.8392-10.8667i	-15.7468+6.1074i	1.1938+3.8817i	5.9803-6.6190i
58.3	-0.6671-0.0437i	-0.6891-0.0893i	-0.4356-0.0789i	-0.4218-0.0946i	9.6998-11.0792i	-15.8918+6.5498i	1.2368+3.8195i	5.9790-6.9241i
58.4	-0.6693-0.0310i	-0.7036-0.0538i	-0.4429-0.0639i	-0.4263-0.0811i	9.7049-10.9769i	-16.2527+7.2274i	1.1739+3.6325i	6.0019-7.3094i
58.5	-0.6741-0.0469i	-0.7076-0.0455i	-0.4460-0.0673i	-0.4287-0.0836i	10.0796-11.0549i	-16.4362+7.7262i	1.1909+3.5679i	5.9944-7.4761i
58.6	-0.6946-0.0370i	-0.7236-0.0364i	-0.4580-0.0610i	-0.4404-0.0780i	10.4505-11.1693i	-16.5964+8.0687i	1.1868+3.5195i	5.8962-7.4897i
58.7	-0.7068-0.0114i	-0.7375-0.0256i	-0.4681-0.0496i	-0.4501-0.0674i	10.4393-11.6061i	-16.8416+8.5434i	1.1086+3.5366i	5.9563-7.6482i
58.8	-0.7153+0.0128i	-0.7485-0.0063i	-0.4767-0.0353i	-0.4555-0.0543i	10.3715-12.1934i	-17.0225+9.2140i	1.0486+3.4488i	5.8399-8.0202i
58.9	-0.7163+0.0517i	-0.7471+0.0359i	-0.4772-0.0081i	-0.4563-0.0293i	9.9815-12.0420i	-16.6878+10.0324i	0.7836+3.3231i	5.3459-8.3779i
59.0	-0.7309+0.0709i	-0.7547+0.0590i	-0.4866+0.0053i	-0.4640-0.0176i	9.9837-12.1647i	-16.7838+10.6599i	0.7074+3.3120i	5.2059-8.6823i
59.1	-0.7445+0.0732i	-0.7783+0.0641i	-0.4978+0.0059i	-0.4747-0.0152i	10.5828-12.9203i	-17.2289+11.2750i	0.6889+3.2955i	5.3697-8.8723i
59.2	-0.7397+0.1115i	-0.7870+0.1002i	-0.5035+0.0310i	-0.4770+0.0057i	9.9642-13.7665i	-17.1032+12.2716i	0.6676+3.2053i	4.9895-9.3817i
59.3	-0.7401+0.1553i	-0.7849+0.1414i	-0.5050+0.0594i	-0.4770+0.0289i	9.6253-14.4950i	-16.7385+13.1431i	0.5933+3.1526i	4.5187-9.6767i
59.4	-0.7378+0.1819i	-0.7840+0.1739i	-0.5026+0.0780i	-0.4772+0.0465i	9.2970-15.0658i	-16.6232+14.0917i	0.4216+3.0067i	4.1753-9.9053i
59.5	-0.7468+0.1856i	-0.7997+0.1802i	-0.5116+0.0804i	-0.4850+0.0490i	9.4344-15.5610i	-16.8988+14.7657i	0.3960+2.9786i	4.3278-10.2617i
59.6	-0.7312+0.2146i	-0.7918+0.2132i	-0.5049+0.1014i	-0.4806+0.0662i	8.7890-15.9519i	-16.4701+15.5285i	0.3349+3.0732i	3.7406-10.4781i
59.7	-0.7175+0.2498i	-0.7885+0.2531i	-0.5002+0.1261i	-0.4784+0.0880i	7.8654-16.4817i	-15.8351+16.3387i	0.3875+3.1395i	3.1005-10.8121i
59.8	-0.7259+0.2724i	-0.8009+0.2723i	-0.5077+0.1384i	-0.4856+0.0994i	7.8227-17.4271i	-15.9046+17.3371i	0.3614+3.3514i	3.0800-11.0269i
59.9	-0.6889+0.2998i	-0.7656+0.3057i	-0.4844+0.1594i	-0.4653+0.1190i	7.2205-16.9230i	-14.7027+17.9468i	0.2391+3.4279i	2.0260-11.0612i
60.0	-0.6918+0.3186i	-0.7714+0.3250i	-0.4895+0.1659i	-0.4690+0.1227i	6.6109-18.5161i	-13.7567+17.9449i	0.1981+3.4534i	1.1874-10.8370i
60.1	-0.6863+0.3688i	-0.7789+0.3770i	-0.4942+0.2040i	-0.4772+0.1621i	5.7203-18.1253i	-14.7447+19.6171i	0.2173+3.4516i	1.8989-11.4225i
60.2	-0.6386+0.3746i	-0.7286+0.3857i	-0.4597+0.2107i	-0.4477+0.1679i	6.0021-17.6324i	-12.9146+19.7428i	0.0999+3.7170i	0.8054-11.0773i
60.3	-0.6249+0.3785i	-0.7257+0.4073i	-0.4567+0.2177i	-0.4456+0.1744i	4.9206-18.1999i	-12.3990+20.2263i	0.1938+3.6684i	0.3247-11.0839i
60.4	-0.6213+0.3996i	-0.7216+0.4364i	-0.4565+0.2340i	-0.4437+0.1884i	4.2912-18.3732i	-11.9490+20.9798i	0.2099+3.7206i	0.0777-11.0776i
60.5	-0.6006+0.4242i	-0.7033+0.4709i	-0.4448+0.2538i	-0.4330+0.2077i	3.6813-17.9875i	-11.0729+21.4918i	0.1113+3.8203i	-0.4996-10.9059i
60.6	-0.5781+0.4397i	-0.6796+0.5038i	-0.4299+0.2679i	-0.4219+0.2238i	2.6814-17.6881i	-10.2612+21.9191i	0.2120+3.9452i	-1.1140-10.6593i
60.7	-0.5475+0.4495i	-0.6554+0.5181i	-0.4135+0.2764i	-0.4061+0.2312i	1.8543-17.8463i	-9.6504+22.1313i	0.3391+3.9516i	-1.3907-10.4705i
60.8	-0.5225+0.4673i	-0.6247+0.5371i	-0.3976+0.2921i	-0.3902+0.2429i	1.4852-17.8295i	-8.7403+22.5887i	0.2252+4.0455i	-1.8859-10.2649i
60.9	-0.5062+0.4821i	-0.5923+0.5671i	-0.3818+0.3066i	-0.3792+0.2603i	1.2008-17.7877i	-7.8257+22.9886i	0.4238+4.1285i	-2.3876-9.8865i
61.0	-0.4842+0.4735i	-0.5640+0.5752i	-0.3657+0.3073i	-0.3661+0.2602i	0.3746-17.3738i	-7.1220+22.9187i	0.6380+4.1234i	-2.5720-9.4616i
61.1	-0.4743+0.4958i	-0.5539+0.6027i	-0.3611+0.3227i	-0.3650+0.2754i	0.2207-17.6480i	-6.3997+23.5352i	0.7176+4.3356i	-2.8743-9.5448i
61.2	-0.4627+0.5136i	-0.5336+0.6297i	-0.3528+0.3380i	-0.3575+0.2917i	-0.0085-17.1925i	-5.4860+24.1885i	0.8778+4.4391i	-3.1634-9.3089i
61.3	-0.4325+0.5181i	-0.4989+0.6364i	-0.3317+0.3417i	-0.3382+0.2968i	-1.5016-17.0441i	-4.5334+24.0551i	0.9407+4.2708i	-3.4288-8.7570i
61.4	-0.4084+0.5269i	-0.4702+0.6495i	-0.3142+0.3487i	-0.3245+0.3053i	-2.4656-16.9213i	-3.6405+24.1231i	1.1493+4.1575i	-3.7790-8.4011i
61.5	-0.3833+0.5297i	-0.4418+0.6640i	-0.2990+0.3540i	-0.3115+0.3117i	-2.6279-16.1217i	-2.5756+24.1740i	1.2415+4.1496i	-3.9942-8.0748i
61.6	-0.3519+0.5393i	-0.3992+0.6826i	-0.2766+0.3669i	-0.2916+0.3245i	-2.9679-16.0654i	-1.1769+24.1752i	1.3904+4.1095i	-4.2783-7.7279i
61.7	-0.3280+0.5433i	-0.3685+0.6867i	-0.2587+0.3719i	-0.2756+0.3284i	-3.2326-15.9330i	-0.3201+24.1075i	1.4847+4.0653i	-4.3403-7.5252i
61.8	-0.3027+0.5427i	-0.3309+0.6849i	-0.2382+0.3720i	-0.2566+0.3303i	-3.5285-15.8109i	0.6350+23.7175i	1.7535+3.9667i	-4.5832-7.0707i
61.9	-0.2761+0.5317i	-0.2899+0.6830i	-0.2168+0.3695i	-0.2362+0.3309i	-4.1746-15.6830i	1.6344+23.0994i	1.9595+3.7056i	-4.8363-6.5777i
62.0	-0.2461+0.5325i	-0.2578+0.6823i	-0.1979+0.3718i	-0.2202+0.3353i	-4.4976-15.6015i	2.5356+22.8559i	2.0648+3.7137i	-4.9567-6.1421i
62.1	-0.2264+0.5285i	-0.2374+0.6828i	-0.1833+0.3715i	-0.2097+0.3362i	-4.9603-15.0274i	3.3551+22.6455i	2.1967+3.5814i	-4.9783-5.8610i
62.2	-0.2036+0.5142i	-0.2016+0.6684i	-0.1664+0.3620i	-0.1909+0.3293i	-5.3940-14.5843i	3.9528+21.8655i	2.2483+3.3999i	-4.9933-5.4116i
62.3	-0.1810+0.4953i	-0.1673+0.6564i	-0.1473+0.3533i	-0.1735+0.3247i	-5.3705-14.1863i	4.5794+21.2304i	2.2917+3.2422i	-5.0341-4.9113i

62.4	-0.1626+0.4840i	-0.1420+0.6448i	-0.1313+0.3474i	-0.1592+0.3196i	-5.7960-14.0063i	5.3348+20.7492i	2.2772+2.9980i	-4.8774-4.5289i
62.5	-0.1513+0.4806i	-0.1205+0.6328i	-0.1224+0.3438i	-0.1501+0.3163i	-5.9405-13.9307i	5.9145+20.2596i	2.3013+2.8936i	-4.7100-4.2825i
62.6	-0.1448+0.4731i	-0.1052+0.6217i	-0.1162+0.3367i	-0.1430+0.3133i	-6.3204-13.5188i	6.3156+19.7046i	2.3188+2.8567i	-4.6244-4.0495i
62.7	-0.1332+0.4357i	-0.0840+0.5835i	-0.1038+0.3137i	-0.1291+0.2946i	-6.5044-12.2493i	6.5300+18.5904i	1.9848+2.4955i	-4.2628-3.5099i
62.8	-0.1194+0.4316i	-0.0606+0.5736i	-0.0921+0.3103i	-0.1169+0.2924i	-6.1589-12.0064i	6.8784+18.2005i	2.1156+2.4512i	-4.2818-3.2251i
62.9	-0.1010+0.4287i	-0.0430+0.5612i	-0.0808+0.3055i	-0.1060+0.2908i	-6.4379-11.9571i	7.0818+17.6571i	2.1164+2.3036i	-4.4132-2.9141i
63.0	-0.0928+0.4137i	-0.0302+0.5437i	-0.0735+0.2953i	-0.0973+0.2823i	-6.8077-11.5903i	7.4383+17.0195i	2.0590+2.0639i	-4.1853-2.6278i
63.1	-0.0781+0.3955i	-0.0070+0.5272i	-0.0605+0.2861i	-0.0851+0.2740i	-6.9699-11.3754i	8.0000+16.2750i	2.0385+1.9309i	-4.0351-2.3644i
63.2	-0.0764+0.3834i	0.0001+0.5092i	-0.0572+0.2777i	-0.0809+0.2678i	-6.8335-10.7720i	7.9609+15.7946i	1.8811+1.8377i	-3.9004-2.1271i
63.3	-0.0765+0.3682i	0.0052+0.4908i	-0.0545+0.2659i	-0.0762+0.2578i	-6.9925-10.1209i	7.9331+15.2949i	1.7263+1.6924i	-3.6058-1.8267i
63.4	-0.0642+0.3558i	0.0195+0.4689i	-0.0465+0.2549i	-0.0653+0.2491i	-7.0277-10.2064i	7.9588+14.6253i	1.6638+1.6206i	-3.5145-1.4649i
63.5	-0.0631+0.3510i	0.0299+0.4609i	-0.0443+0.2504i	-0.0628+0.2467i	-7.5393-9.5102i	8.3236+14.2992i	1.6018+1.5497i	-3.3488-1.4201i
63.6	-0.0686+0.3479i	0.0351+0.4528i	-0.0457+0.2473i	-0.0627+0.2448i	-7.6935-8.8848i	8.5684+14.0111i	1.5594+1.5328i	-3.0638-1.4440i
63.7	-0.0653+0.3352i	0.0373+0.4292i	-0.0430+0.2377i	-0.0588+0.2346i	-7.2083-8.7155i	8.4176+13.4592i	1.4782+1.4723i	-2.9569-1.1302i
63.8	-0.0594+0.3253i	0.0482+0.4100i	-0.0347+0.2283i	-0.0501+0.2271i	-7.2525-8.5634i	8.4105+12.9332i	1.4448+1.2680i	-2.8858-0.7641i
63.9	-0.0548+0.3128i	0.0544+0.3901i	-0.0309+0.2176i	-0.0456+0.2177i	-6.8674-8.4655i	8.5854+12.2778i	1.4160+1.1236i	-2.7072-0.6717i
64.0	-0.0561+0.3133i	0.0551+0.3801i	-0.0318+0.2151i	-0.0452+0.2161i	-6.4607-7.9008i	8.5643+11.9960i	1.3601+1.0288i	-2.6739-0.5119i
64.1	-0.0513+0.3045i	0.0553+0.3683i	-0.0319+0.2101i	-0.0419+0.2105i	-6.6720-8.0509i	8.6505+11.5419i	1.2861+1.0754i	-2.2742-0.4167i
64.2	-0.0486+0.2954i	0.0572+0.3497i	-0.0314+0.2022i	-0.0379+0.2021i	-6.8713-7.1666i	8.6328+11.0129i	1.0354+1.0499i	-1.8074-0.2514i
64.3	-0.0487+0.2936i	0.0523+0.3480i	-0.0325+0.2016i	-0.0371+0.2014i	-6.7918-6.8426i	8.4797+10.9429i	0.9181+0.9974i	-1.8024-0.1924i
64.4	-0.0411+0.2921i	0.0567+0.3431i	-0.0284+0.1980i	-0.0334+0.1994i	-6.3163-6.5614i	8.4533+10.7160i	0.9175+1.0637i	-1.7175-0.1093i
64.5	-0.0332+0.2785i	0.0631+0.3282i	-0.0244+0.1898i	-0.0274+0.1914i	-5.8994-6.3627i	8.5264+10.1358i	0.8209+0.9859i	-1.3873+0.0451i
64.6	-0.0299+0.2656i	0.0622+0.3116i	-0.0231+0.1818i	-0.0255+0.1835i	-6.0055-6.4426i	8.3733+9.7193i	0.6994+0.7951i	-1.1603+0.2531i
64.7	-0.0323+0.2535i	0.0565+0.2997i	-0.0251+0.1750i	-0.0261+0.1762i	-5.9726-6.4065i	8.2025+9.4575i	0.5601+0.7678i	-0.9018+0.3232i
64.8	-0.0351+0.2429i	0.0564+0.2894i	-0.0261+0.1679i	-0.0251+0.1697i	-5.9056-5.9409i	8.1293+9.2441i	0.4591+0.8226i	-0.6025+0.3378i
64.9	-0.0360+0.2359i	0.0555+0.2797i	-0.0259+0.1623i	-0.0256+0.1639i	-6.5026-5.2618i	8.1177+9.0052i	0.3880+0.7040i	-0.2784+0.4380i
65.0	-0.0329+0.2286i	0.0529+0.2712i	-0.0256+0.1594i	-0.0241+0.1594i	-6.4880-5.5998i	8.1112+8.5969i	0.3049+0.5615i	-0.2038+0.4752i
65.1	-0.0298+0.2159i	0.0529+0.2525i	-0.0228+0.1498i	-0.0201+0.1502i	-6.2463-5.9222i	8.1557+7.9280i	0.1940+0.5043i	0.2054+0.4402i
65.2	-0.0337+0.2124i	0.0540+0.2484i	-0.0263+0.1475i	-0.0195+0.1492i	-6.1203-5.7572i	8.0005+7.8032i	0.1073+0.4704i	0.3199+0.5124i
65.3	-0.0384+0.2063i	0.0504+0.2402i	-0.0285+0.1443i	-0.0211+0.1433i	-6.0852-5.2953i	7.8530+7.6286i	-0.1058+0.4743i	0.5615+0.5622i
65.4	-0.0435+0.2006i	0.0416+0.2341i	-0.0317+0.1414i	-0.0248+0.1399i	-6.0852-5.2080i	7.5813+7.4906i	-0.1469+0.5898i	0.7646+0.5266i
65.5	-0.0411+0.1968i	0.0387+0.2282i	-0.0335+0.1390i	-0.0239+0.1369i	-6.0886-4.9676i	7.5406+7.2869i	-0.2238+0.5384i	0.9794+0.5859i
65.6	-0.0373+0.1966i	0.0374+0.2269i	-0.0328+0.1396i	-0.0222+0.1383i	-5.6920-4.8951i	7.6206+7.0016i	-0.3083+0.5162i	1.0365+0.6233i
65.7	-0.0352+0.1926i	0.0372+0.2215i	-0.0303+0.1361i	-0.0214+0.1356i	-5.8403-5.1221i	7.5631+6.7527i	-0.3258+0.5134i	1.2791+0.6274i
65.8	-0.0400+0.1872i	0.0335+0.2177i	-0.0329+0.1328i	-0.0232+0.1307i	-5.6064-4.6354i	7.3752+6.7616i	-0.5095+0.5958i	1.6163+0.6676i
65.9	-0.0432+0.1801i	0.0339+0.2090i	-0.0336+0.1288i	-0.0213+0.1256i	-5.7867-4.3105i	7.3261+6.3763i	-0.4761+0.5211i	1.8860+0.5090i
66.0	-0.0435+0.1715i	0.0294+0.2022i	-0.0332+0.1247i	-0.0208+0.1214i	-5.6550-4.3818i	7.1832+6.0575i	-0.5755+0.4567i	2.1593+0.4085i
66.1	-0.0477+0.1669i	0.0196+0.1957i	-0.0368+0.1213i	-0.0250+0.1170i	-4.9369-4.1272i	6.9708+5.9749i	-0.8077+0.5659i	2.3784+0.4328i
66.2	-0.0484+0.1632i	0.0200+0.1876i	-0.0367+0.1175i	-0.0236+0.1127i	-5.2615-4.1472i	6.9773+5.6836i	-0.8940+0.5240i	2.5422+0.2798i
66.3	-0.0451+0.1641i	0.0231+0.1900i	-0.0353+0.1179i	-0.0193+0.1133i	-4.9628-4.2067i	6.9453+5.6502i	-0.9015+0.5441i	2.6454+0.3265i
66.4	-0.0460+0.1617i	0.0215+0.1919i	-0.0374+0.1186i	-0.0197+0.1118i	-5.1049-4.0032i	6.8679+5.5502i	-0.9449+0.5526i	2.8204+0.2799i
66.5	-0.0495+0.1550i	0.0103+0.1773i	-0.0398+0.1110i	-0.0232+0.1036i	-4.8217-4.1359i	6.7250+5.1991i	-1.0844+0.5722i	3.2738+0.0716i
66.6	-0.0562+0.1466i	-0.0002+0.1675i	-0.0448+0.1065i	-0.0281+0.0978i	-4.5199-3.9017i	6.5635+4.9494i	-1.2229+0.6020i	3.6540-0.2173i
66.7	-0.0462+0.1473i	0.0072+0.1733i	-0.0390+0.1098i	-0.0219+0.1000i	-4.4147-3.6043i	6.5692+5.0421i	-1.2606+0.7016i	3.5624+0.0810i
66.8	-0.0432+0.1405i	0.0036+0.1708i	-0.0405+0.1074i	-0.0208+0.0974i	-4.4873-3.9121i	6.4454+4.9543i	-1.2956+0.7953i	3.7056+0.1410i
66.9	-0.0517+0.1315i	-0.0080+0.1636i	-0.0473+0.1027i	-0.0263+0.0911i	-4.7221-4.0994i	6.2128+4.6583i	-1.3016+0.6955i	4.0127-0.2647i
67.0	-0.0568+0.1325i	-0.0032+0.1612i	-0.0456+0.1020i	-0.0251+0.0895i	-4.4789-3.6214i	6.1931+4.4631i	-1.4165+0.6616i	4.1516-0.3364i
67.1	-0.0582+0.1296i	-0.0059+0.1552i	-0.0470+0.0996i	-0.0265+0.0864i	-4.2712-3.1298i	6.2325+4.3083i	-1.4431+0.6760i	4.4163-0.4102i
67.2	-0.0663+0.1282i	-0.0167+0.1558i	-0.0524+0.0994i	-0.0314+0.0849i	-4.3149-3.1370i	5.8371+4.2621i	-1.6759+0.8708i	4.4914-0.5997i
67.3	-0.0592+0.1323i	-0.0089+0.1526i	-0.0477+0.0995i	-0.0252+0.0846i	-4.1464-3.4721i	5.8443+4.1334i	-1.6703+0.8850i	4.6129-0.6435i
67.4	-0.0712+0.1273i	-0.0253+0.1505i	-0.0575+0.0977i	-0.0340+0.0799i	-4.4833-3.6898i	5.5255+3.9998i	-1.7182+1.0350i	4.8145-1.1433i
67.5	-0.0847+0.1134i	-0.0453+0.1476i	-0.0688+0.0938i	-0.0444+0.0721i	-4.6404-3.4384i	5.2532+3.8029i	-1.7671+0.9601i	5.1113-1.5333i
67.6	-0.0816+0.1115i	-0.0436+0.1502i	-0.0662+0.0943i	-0.0402+0.0734i	-4.2059-3.0310i	5.2507+3.6450i	-1.7878+0.7826i	5.1840-1.6462i
67.7	-0.0897+0.1076i	-0.0522+0.1484i	-0.0709+0.0927i	-0.0456+0.0697i	-4.2496-2.6072i	5.0308+3.5144i	-1.9952+0.8856i	5.4042-1.8743i
67.8	-0.0926+0.1056i	-0.0563+0.1500i	-0.0736+0.0931i	-0.0483+0.0686i	-4.1293-2.4847i	4.9251+3.5421i	-2.0070+0.9676i	5.4821-1.9069i
67.9	-0.0896+0.0939i	-0.0551+0.1492i	-0.0735+0.0905i	-0.0454+0.0635i	-4.1955-2.9504i	4.7758+3.4156i	-2.0015+1.0115i	5.5835-2.0377i
68.0	-0.0856+0.0925i	-0.0512+0.1512i	-0.0697+0.0907i	-0.0423+0.0631i	-3.8469-2.7684i	4.7870+3.3122i	-2.1137+0.8840i	5.7286-1.9761i
68.1	-0.1001+0.0937i	-0.0601+0.1550i	-0.0773+0.0928i	-0.0504+0.0638i	-3.9184-2.8109i	4.5377+3.2590i	-2.2267+0.8814i	5.8307-2.3685i
68.2	-0.1158+0.0872i	-0.0756+0.1512i	-0.0865+0.0906i	-0.0599+0.0588i	-4.0307-2.7826i	4.2081+3.1249i	-2.3485+0.9576i	5.9639-2.8431i
68.3	-0.1157+0.0896i	-0.0722+0.1553i	-0.0845+0.0905i	-0.0586+0.0601i	-3.6413-2.5163i	4.1723+3.1237i	-2.1841+0.9147i	5.9839-2.9940i
68.4	-0.1234+0.0921i	-0.0742+0.1555i	-0.0889+0.0921i	-0.0619+0.0601i	-3.4442-2.5677i	4.0598+3.0332i	-2.2569+0.9231i	6.0971-3.3424i
68.5	-0.1385+0.0990i	-0.0862+0.1617i	-0.0969+0.0983i	-0.0709+0.0617i	-3.1204-2.6047i	3.7335+3.0235i	-2.5178+1.0195i	5.9541-3.8872i
68.6	-0.1513+0.1027i	-0.0974+0.1700i	-0.1027+0.1035i	-0.0791+0.0625i	-3.2945-1.7551i	3.5688+3.1901i	-2.5131+1.1462i	6.1242-4.0089i

68.7	-0.1521+0.1020i	-0.0995+0.1702i	-0.1062+0.1045i	-0.0794+0.0608i	-3.4200-2.2297i	3.4075+3.1769i	-2.4002+1.1429i	6.2394-4.2121i
68.8	-0.1473+0.0997i	-0.0935+0.1746i	-0.1019+0.1079i	-0.0756+0.0603i	-3.0715-2.2416i	3.3433+3.3003i	-2.4309+1.1848i	6.1528-4.1192i
68.9	-0.1645+0.1088i	-0.1090+0.1906i	-0.1113+0.1176i	-0.0889+0.0651i	-2.6820-2.1740i	3.0315+3.3524i	-2.6591+1.2516i	6.2082-4.9296i
69.0	-0.1616+0.1137i	-0.1038+0.1882i	-0.1089+0.1186i	-0.0858+0.0647i	-2.5971-2.6236i	2.9726+3.2480i	-2.7429+1.0842i	6.0426-5.0070i
69.1	-0.1695+0.1138i	-0.1088+0.1906i	-0.1132+0.1197i	-0.0885+0.0646i	-2.4402-2.6856i	2.8188+3.1874i	-2.6025+0.8535i	6.0102-5.3680i
69.2	-0.1762+0.1255i	-0.1174+0.2013i	-0.1183+0.1295i	-0.0944+0.0686i	-2.5748-2.6552i	2.4923+3.4423i	-2.7257+0.9950i	5.8069-5.6840i
69.3	-0.1778+0.1382i	-0.1224+0.2121i	-0.1181+0.1378i	-0.0990+0.0726i	-2.1410-2.5440i	2.4006+3.6580i	-2.9613+1.1363i	5.7564-5.8641i
69.4	-0.1876+0.1476i	-0.1234+0.2227i	-0.1191+0.1456i	-0.1050+0.0773i	-2.5543-2.5951i	2.3131+3.7448i	-3.2731+0.9370i	5.3986-6.1876i
69.5	-0.1937+0.1553i	-0.1291+0.2400i	-0.1228+0.1550i	-0.1088+0.0850i	-2.4629-2.5043i	2.2756+3.7732i	-3.2381+0.5891i	5.3977-6.4488i
69.6	-0.1925+0.1717i	-0.1353+0.2608i	-0.1222+0.1692i	-0.1134+0.0944i	-2.5598-2.6447i	2.1058+4.0020i	-3.3444+0.5230i	5.1636-6.6322i
69.7	-0.1875+0.1785i	-0.1189+0.2748i	-0.1107+0.1776i	-0.1120+0.0988i	-2.4096-2.6353i	2.2896+4.3922i	-3.4217+0.5840i	5.0532-6.5784i
69.8	-0.1808+0.1902i	-0.1011+0.2892i	-0.1010+0.1891i	-0.1069+0.1059i	-2.3106-2.9299i	2.1796+4.7102i	-3.8934+0.7224i	4.5378-6.5646i
69.9	-0.1808+0.1963i	-0.1064+0.3077i	-0.1026+0.1980i	-0.1103+0.1124i	-1.9085-2.7929i	2.0676+4.7404i	-4.0592+0.6415i	4.6916-7.1598i
70.0	-0.1743+0.2016i	-0.0902+0.3075i	-0.0925+0.2017i	-0.1018+0.1112i	-2.0496-2.9131i	2.1422+4.9258i	-4.3683+0.5460i	4.4986-6.8329i
70.1	-0.1591+0.2042i	-0.0662+0.3109i	-0.0767+0.2017i	-0.0962+0.1157i	-2.3040-3.0689i	2.3909+5.0643i	-4.7514+0.5623i	4.2261-6.8212i
70.2	-0.1437+0.2076i	-0.0453+0.3099i	-0.0599+0.2015i	-0.0898+0.1175i	-2.2500-3.2957i	2.6130+5.0875i	-5.1537+0.4347i	3.9477-6.6307i
70.3	-0.1328+0.2161i	-0.0277+0.3122i	-0.0458+0.2042i	-0.0843+0.1219i	-2.5791-2.9905i	2.9307+5.1560i	-5.6763+0.3770i	3.7360-6.6617i
70.4	-0.1271+0.2225i	-0.0178+0.3265i	-0.0371+0.2083i	-0.0833+0.1302i	-2.8133-2.9463i	3.1461+5.2827i	-5.9241+0.6107i	3.5365-6.9694i
70.5	-0.1126+0.2194i	-0.0094+0.3243i	-0.0272+0.2056i	-0.0796+0.1315i	-3.2740-3.0761i	3.3913+5.3857i	-6.4364+1.1291i	3.6350-6.8105i
70.6	-0.1022+0.2081i	0.0005+0.3147i	-0.0161+0.1960i	-0.0773+0.1277i	-3.3204-2.5154i	3.6441+5.2055i	-6.9414+1.7628i	3.8146-6.5500i
70.7	-0.1052+0.2079i	0.0137+0.3199i	-0.0111+0.1943i	-0.0749+0.1306i	-2.7755-2.9056i	3.7024+5.1735i	-6.9622+2.2415i	3.7707-6.9221i
70.8	-0.0982+0.1906i	0.0139+0.3028i	-0.0088+0.1788i	-0.0726+0.1265i	-2.6669-2.8548i	3.9339+4.8253i	-6.8107+2.9420i	4.4022-6.8547i
70.9	-0.0976+0.1838i	0.0170+0.3022i	-0.0069+0.1746i	-0.0723+0.1276i	-2.6052-2.7932i	4.1591+4.6199i	-6.8908+3.1060i	4.8716-7.1246i
71.0	-0.0999+0.1840i	0.0350+0.3103i	-0.0012+0.1767i	-0.0682+0.1298i	-3.0902-2.5007i	4.1513+4.6181i	-7.5780+2.9771i	4.3399-7.4535i
71.1	-0.0958+0.1756i	0.0452+0.3046i	0.0048+0.1677i	-0.0628+0.1292i	-2.9209-2.7864i	4.1091+4.3626i	-7.4819+3.5427i	4.3705-7.6879i
71.2	-0.0911+0.1599i	0.0401+0.2886i	0.0035+0.1522i	-0.0607+0.1225i	-2.8958-2.5969i	4.1623+4.0582i	-7.3970+4.1989i	5.0398-7.5295i
71.3	-0.0955+0.1503i	0.0424+0.2730i	0.0029+0.1444i	-0.0610+0.1145i	-3.1806-2.2362i	4.1206+3.8874i	-7.4622+4.9142i	5.0872-7.3356i
71.4	-0.1107+0.1602i	0.0598+0.2862i	0.0028+0.1481i	-0.0608+0.1248i	-2.7923-2.0484i	4.0337+3.7300i	-7.3236+4.9043i	4.5840-8.6613i
71.5	-0.1134+0.1617i	0.0716+0.2886i	0.0024+0.1470i	-0.0571+0.1276i	-2.8508-1.9959i	3.8688+3.6433i	-7.3698+5.5333i	4.0127-9.1979i
71.6	-0.1106+0.1639i	0.0784+0.2744i	0.0031+0.1442i	-0.0511+0.1260i	-2.4829-2.1510i	3.6566+3.6174i	-6.9828+6.2174i	3.5764-9.2124i
71.7	-0.1180+0.1538i	0.0740+0.2728i	0.0012+0.1388i	-0.0549+0.1227i	-2.3127-1.9117i	3.7268+3.4299i	-6.7751+6.2642i	4.0959-9.4907i
71.8	-0.1245+0.1605i	0.0949+0.2744i	0.0037+0.1405i	-0.0499+0.1261i	-2.4784-1.5255i	3.5329+3.4696i	-6.9108+6.7495i	3.2410-10.0293i
71.9	-0.1217+0.1583i	0.0920+0.2668i	0.0037+0.1358i	-0.0490+0.1220i	-2.1054-1.2669i	3.5300+3.4198i	-6.4216+7.0019i	3.2361-10.0793i
72.0	-0.1314+0.1610i	0.1075+0.2673i	0.0068+0.1367i	-0.0481+0.1223i	-2.0535-1.4033i	3.4808+3.4297i	-6.3653+6.9002i	2.6621-10.4728i
72.1	-0.1262+0.1830i	0.1397+0.2599i	0.0169+0.1428i	-0.0360+0.1325i	-2.2101-1.6676i	3.2948+3.7716i	-6.5181+7.6479i	0.5190-10.4994i
72.2	-0.1331+0.1778i	0.1387+0.2494i	0.0122+0.1340i	-0.0389+0.1259i	-2.0906-1.6889i	3.2201+3.6422i	-6.3626+7.8299i	0.6895-10.6137i
72.3	-0.1414+0.1715i	0.1361+0.2389i	0.0070+0.1278i	-0.0430+0.1187i	-1.9018-1.8582i	3.2222+3.4278i	-6.1934+7.5630i	0.9519-10.8041i
72.4	-0.1481+0.1742i	0.1397+0.2409i	0.0052+0.1292i	-0.0435+0.1216i	-2.0121-1.6601i	3.1440+3.4550i	-5.7498+8.0719i	0.6648-10.9707i
72.5	-0.1366+0.1783i	0.1506+0.2253i	0.0129+0.1256i	-0.0352+0.1218i	-2.3275-1.3493i	3.2767+3.5032i	-5.2559+8.6036i	-0.1082-10.5529i
72.6	-0.1334+0.1899i	0.1505+0.2057i	0.0150+0.1235i	-0.0348+0.1194i	-2.2150-1.5599i	3.3129+3.5885i	-5.5928+8.9336i	-0.6666-10.2530i
72.7	-0.1400+0.2026i	0.1508+0.1874i	0.0119+0.1221i	-0.0354+0.1184i	-1.7019-1.2229i	3.1752+3.5944i	-5.8454+9.2083i	-1.2325-10.0900i
72.8	-0.1329+0.2004i	0.1495+0.1770i	0.0130+0.1175i	-0.0335+0.1139i	-1.8972-1.4158i	3.1777+3.5963i	-5.2402+9.5672i	-1.3556-9.5447i
72.9	-0.1293+0.2078i	0.1532+0.1650i	0.0127+0.1139i	-0.0316+0.1133i	-1.5123-1.4844i	3.2320+3.6186i	-4.8100+9.9278i	-1.7975-9.1984i
73.0	-0.1344+0.2148i	0.1543+0.1606i	0.0102+0.1134i	-0.0329+0.1140i	-1.2431-1.4755i	3.2042+3.6138i	-4.7913+9.7311i	-2.1263-9.5134i
73.1	-0.1342+0.2093i	0.1517+0.1538i	0.0103+0.1087i	-0.0348+0.1087i	-1.1071-1.2897i	3.2836+3.6127i	-4.2997+9.4509i	-1.9287-9.5375i
73.2	-0.1333+0.2027i	0.1431+0.1487i	0.0083+0.1076i	-0.0370+0.1058i	-1.2386-1.3185i	3.2867+3.5629i	-3.9629+9.8583i	-1.8446-9.1863i
73.3	-0.1325+0.2039i	0.1412+0.1406i	0.0068+0.1062i	-0.0365+0.1053i	-1.3920-1.2110i	3.3111+3.5149i	-3.3885+10.8417i	-2.0654-8.7899i
73.4	-0.1240+0.2062i	0.1344+0.1344i	0.0075+0.1043i	-0.0358+0.1055i	-1.6454-1.4470i	3.3455+3.4814i	-2.8808+11.0319i	-2.1198-8.4327i
73.5	-0.1236+0.2122i	0.1312+0.1294i	0.0063+0.1040i	-0.0336+0.1058i	-1.5417-1.4224i	3.3248+3.5279i	-2.6176+10.7782i	-2.4315-8.1901i
73.6	-0.1188+0.2060i	0.1319+0.1255i	0.0088+0.1005i	-0.0312+0.1041i	-1.3300-1.1909i	3.3803+3.5113i	-2.3283+10.5967i	-2.3427-7.7563i
73.7	-0.1060+0.2233i	0.1354+0.1064i	0.0134+0.0995i	-0.0274+0.1054i	-1.5321-1.2427i	3.5424+3.5983i	-1.8449+11.1121i	-2.8823-6.8207i
73.8	-0.1038+0.2158i	0.1337+0.1016i	0.0136+0.0952i	-0.0266+0.1009i	-1.4170-1.2308i	3.6118+3.4715i	-0.7239+10.7538i	-2.4612-6.8087i
73.9	-0.1007+0.2203i	0.1249+0.0969i	0.0124+0.0950i	-0.0284+0.1026i	-1.1893-1.3348i	3.6335+3.4179i	-0.1973+10.8379i	-2.5763-6.7550i
74.0	-0.0960+0.2215i	0.1198+0.0910i	0.0128+0.0939i	-0.0290+0.1009i	-1.1595-1.1781i	3.6603+3.3246i	-0.2973+10.9423i	-2.6442-6.5542i
74.1	-0.0900+0.2272i	0.1142+0.0823i	0.0107+0.0923i	-0.0278+0.0991i	-1.1828-1.2258i	3.6935+3.3504i	-0.3872+10.9251i	-2.9096-6.0791i
74.2	-0.1026+0.2122i	0.1080+0.0805i	0.0057+0.0860i	-0.0334+0.0917i	-1.0401-1.2881i	3.6826+3.1693i	0.4038+9.9913i	-2.2739-6.3987i
74.3	-0.0840+0.2033i	0.0993+0.0750i	0.0095+0.0831i	-0.0292+0.0901i	-0.9546-1.5914i	3.7387+3.0851i	0.9636+10.0337i	-1.9845-5.7113i
74.4	-0.0878+0.2019i	0.0974+0.0733i	0.0069+0.0820i	-0.0301+0.0886i	-0.9601-1.5539i	3.6907+3.0495i	1.2401+9.9236i	-1.9695-5.7595i
74.5	-0.0902+0.2085i	0.0927+0.0670i	0.0031+0.0832i	-0.0340+0.0910i	-0.7923-1.4316i	3.7711+2.9437i	0.9895+9.1352i	-2.0745-5.8986i
74.6	-0.0832+0.2007i	0.0877+0.0688i	0.0050+0.0813i	-0.0351+0.0892i	-0.7955-1.0171i	3.8072+2.8745i	1.5856+9.0347i	-1.8984-5.6745i
74.7	-0.0842+0.1938i	0.0848+0.0709i	0.0048+0.0784i	-0.0339+0.0887i	-0.9318-1.2191i	3.7732+2.8173i	1.8119+8.6071i	-1.8278-5.5047i
74.8	-0.0931+0.1851i	0.0801+0.0700i	0.0015+0.0739i	-0.0372+0.0855i	-1.0971-1.5379i	3.6785+2.6797i	1.4350+8.0783i	-1.4366-5.8474i
74.9	-0.0938+0.1884i	0.0761+0.0656i	-0.0006+0.0744i	-0.0406+0.0851i	-0.8939-1.1651i	3.6675+2.5911i	1.1149+8.0540i	-1.5926-5.8212i

75.0	-0.0952+0.1798i	0.0742+0.0627i	-0.0019+0.0695i	-0.0408+0.0809i	-0.5820-1.2213i	3.7220+2.4710i	1.3087+7.2714i	-1.2221-5.7512i
75.1	-0.1017+0.1710i	0.0734+0.0649i	-0.0045+0.0673i	-0.0432+0.0785i	-0.8135-1.6421i	3.6451+2.3923i	1.1838+6.5654i	-0.9141-5.9195i
75.2	-0.0959+0.1778i	0.0713+0.0617i	-0.0041+0.0695i	-0.0406+0.0812i	-0.9682-1.3548i	3.6319+2.3326i	1.1319+6.2776i	-1.0189-5.4483i
75.3	-0.0902+0.1844i	0.0641+0.0628i	-0.0061+0.0706i	-0.0398+0.0854i	-0.6798-1.4740i	3.6345+2.3169i	0.8679+6.8872i	-1.2682-5.1002i
75.4	-0.1020+0.1744i	0.0582+0.0659i	-0.0106+0.0680i	-0.0450+0.0833i	-0.7452-1.3224i	3.5839+2.2192i	0.6253+6.6839i	-0.9648-5.4750i
75.5	-0.1047+0.1829i	0.0556+0.0619i	-0.0117+0.0692i	-0.0475+0.0853i	-0.6490-0.9739i	3.6289+2.1312i	0.6990+6.4474i	-0.9477-5.4529i
75.6	-0.1065+0.1842i	0.0500+0.0549i	-0.0131+0.0670i	-0.0496+0.0829i	-0.4853-1.1277i	3.5865+2.0406i	0.2549+5.6255i	-0.8139-5.3509i
75.7	-0.1176+0.1783i	0.0465+0.0534i	-0.0186+0.0649i	-0.0529+0.0805i	-0.4733-1.6380i	3.4705+1.9987i	-0.1339+5.5542i	-0.5917-5.7304i
75.8	-0.1206+0.1770i	0.0437+0.0543i	-0.0197+0.0641i	-0.0546+0.0812i	-0.3181-1.3572i	3.4072+1.9039i	-0.9207+5.9518i	-0.4918-5.8884i
75.9	-0.1157+0.1736i	0.0406+0.0527i	-0.0181+0.0613i	-0.0538+0.0793i	-0.3159-1.5012i	3.4056+1.7891i	-1.1740+6.0069i	-0.2317-5.7613i
76.0	-0.1174+0.1816i	0.0351+0.0549i	-0.0201+0.0612i	-0.0564+0.0845i	-0.0094-1.4320i	3.4039+1.7811i	-1.5666+5.5626i	-0.5079-5.7651i
76.1	-0.1137+0.1819i	0.0272+0.0546i	-0.0217+0.0611i	-0.0574+0.0878i	-0.0298-1.6029i	3.4315+1.7192i	-1.8549+5.9604i	-0.3148-5.6138i
76.2	-0.1106+0.1834i	0.0251+0.0551i	-0.0239+0.0617i	-0.0562+0.0873i	-0.2975-1.5471i	3.3210+1.6576i	-2.0624+7.0601i	-0.2700-5.5549i
76.3	-0.1118+0.1805i	0.0202+0.0536i	-0.0250+0.0621i	-0.0576+0.0860i	-0.0956-1.6187i	3.2961+1.6228i	-2.0898+7.0083i	-0.1253-5.5319i
76.4	-0.1107+0.1861i	0.0172+0.0489i	-0.0241+0.0623i	-0.0569+0.0861i	0.3522-1.5354i	3.2494+1.5100i	-2.4943+7.0880i	-0.0536-5.4894i
76.5	-0.1053+0.1839i	0.0135+0.0488i	-0.0245+0.0596i	-0.0550+0.0862i	0.6483-1.8277i	3.2155+1.3719i	-2.8078+8.2362i	0.0408-5.4302i
76.6	-0.1079+0.1829i	0.0096+0.0510i	-0.0277+0.0591i	-0.0562+0.0871i	0.7151-1.7898i	3.1216+1.3321i	-2.3193+8.7425i	0.0255-5.4862i
76.7	-0.1321+0.1724i	0.0030+0.0538i	-0.0367+0.0539i	-0.0652+0.0841i	0.4071-1.6137i	2.9973+1.3313i	-2.4275+8.8050i	0.2169-6.2213i
76.8	-0.1325+0.1923i	-0.0015+0.0541i	-0.0373+0.0580i	-0.0669+0.0936i	0.4248-2.0359i	3.0814+1.2211i	-3.4264+8.7644i	-0.1032-6.0108i
76.9	-0.1194+0.1941i	-0.0008+0.0621i	-0.0351+0.0622i	-0.0621+0.0973i	0.3155-2.0459i	3.0464+1.0810i	-3.4287+9.8563i	-0.0559-5.6321i
77.0	-0.1278+0.1932i	-0.0060+0.0618i	-0.0397+0.0609i	-0.0650+0.0980i	0.0793-2.0496i	2.8769+1.0557i	-3.3054+10.3379i	0.0221-5.9521i
77.1	-0.1283+0.1929i	-0.0129+0.0593i	-0.0445+0.0589i	-0.0647+0.0990i	0.0773-2.3100i	2.7705+0.9991i	-3.3331+11.1046i	0.2054-6.1893i
77.2	-0.1441+0.1910i	-0.0155+0.0604i	-0.0520+0.0587i	-0.0683+0.0986i	0.1938-2.3647i	2.6506+0.9314i	-2.7814+11.5396i	0.2450-6.7319i
77.3	-0.1558+0.1869i	-0.0159+0.0626i	-0.0552+0.0576i	-0.0724+0.0955i	0.4223-2.2435i	2.6064+0.8669i	-2.3411+11.5778i	0.3519-6.8134i
77.4	-0.1604+0.1914i	-0.0218+0.0644i	-0.0598+0.0573i	-0.0753+0.0998i	0.3261-2.1710i	2.5576+0.8267i	-2.5280+11.8414i	0.3928-6.9689i
77.5	-0.1539+0.1970i	-0.0221+0.0712i	-0.0614+0.0618i	-0.0718+0.1022i	0.3099-2.2639i	2.4370+0.8574i	-1.8777+12.5336i	0.1209-6.9041i
77.6	-0.1545+0.2043i	-0.0290+0.0787i	-0.0669+0.0666i	-0.0701+0.1079i	0.6706-3.2254i	2.3186+0.7434i	-1.0844+13.8166i	-0.1373-7.0443i
77.7	-0.1728+0.1944i	-0.0382+0.0795i	-0.0753+0.0640i	-0.0768+0.1041i	0.5167-3.2895i	2.1585+0.6733i	-0.3530+14.3229i	0.1744-7.4735i
77.8	-0.1860+0.1888i	-0.0395+0.0822i	-0.0806+0.0636i	-0.0818+0.1005i	-0.1080-3.3687i	2.0458+0.6685i	0.6599+14.1438i	0.3673-7.6235i
77.9	-0.1932+0.1969i	-0.0456+0.0860i	-0.0855+0.0657i	-0.0838+0.1048i	-0.0536-3.7039i	1.9596+0.6592i	1.0350+14.5153i	0.3393-7.7017i
78.0	-0.1877+0.2211i	-0.0447+0.0935i	-0.0868+0.0787i	-0.0829+0.1129i	-0.1074-3.7913i	1.8289+0.6663i	2.1349+14.4254i	-0.1198-7.5693i
78.1	-0.1870+0.2288i	-0.0410+0.1014i	-0.0870+0.0862i	-0.0810+0.1153i	0.0694-3.2129i	1.7275+0.7047i	2.6110+14.0697i	-0.1201-7.5185i
78.2	-0.2107+0.2363i	-0.0447+0.1041i	-0.0959+0.0883i	-0.0897+0.1181i	0.0804-3.0462i	1.5917+0.7618i	2.7974+13.5808i	-0.1635-8.1182i
78.3	-0.2133+0.2505i	-0.0498+0.1126i	-0.0985+0.0970i	-0.0917+0.1245i	-0.0732-3.3861i	1.5025+0.8294i	3.2367+13.8852i	-0.3328-8.2276i
78.4	-0.2067+0.2594i	-0.0468+0.1202i	-0.0958+0.1033i	-0.0871+0.1291i	-0.3740-3.1887i	1.3594+0.8363i	4.2040+13.6972i	-0.4017-8.1924i
78.5	-0.2010+0.2946i	-0.0469+0.1306i	-0.0972+0.1176i	-0.0864+0.1422i	-0.5165-2.5332i	1.2665+0.9132i	4.6469+13.5525i	-0.9636-8.3318i
78.6	-0.2031+0.3102i	-0.0412+0.1361i	-0.0979+0.1286i	-0.0860+0.1469i	-0.8185-2.6244i	1.2390+0.9369i	5.2809+13.4904i	-1.1771-8.5056i
78.7	-0.2042+0.3136i	-0.0371+0.1408i	-0.0950+0.1325i	-0.0845+0.1488i	-0.8857-2.7693i	1.1705+0.9842i	5.7978+12.8512i	-1.2215-8.6431i
78.8	-0.2023+0.3282i	-0.0347+0.1402i	-0.0929+0.1381i	-0.0834+0.1530i	-0.7577-2.8202i	1.0943+1.1213i	5.3239+11.8089i	-1.5330-8.8484i
78.9	-0.1996+0.3596i	-0.0360+0.1477i	-0.0906+0.1503i	-0.0867+0.1659i	-0.9381-2.3448i	1.0151+1.2933i	4.6247+11.5733i	-2.0183-8.8624i
79.0	-0.1714+0.3739i	-0.0312+0.1578i	-0.0807+0.1545i	-0.0753+0.1734i	-0.6878-1.8151i	1.0261+1.3789i	4.5989+12.5830i	-2.2178-8.2711i
79.1	-0.1652+0.3607i	-0.0301+0.1579i	-0.0776+0.1509i	-0.0712+0.1677i	-0.6777-2.1782i	1.0248+1.3795i	5.5003+12.7438i	-1.8040-8.4127i
79.2	-0.1723+0.3648i	-0.0219+0.1623i	-0.0773+0.1551i	-0.0712+0.1687i	-1.0806-2.5254i	0.9693+1.3353i	6.4529+12.2432i	-1.8359-8.9902i
79.3	-0.1548+0.3752i	-0.0116+0.1662i	-0.0704+0.1636i	-0.0629+0.1740i	-0.6132-2.6125i	0.9828+1.4438i	7.1483+11.6506i	-2.1289-8.8510i
79.4	-0.1377+0.3736i	-0.0009+0.1627i	-0.0596+0.1642i	-0.0533+0.1727i	-0.3703-3.0834i	0.9199+1.4709i	7.6052+11.3452i	-2.2664-8.6203i
79.5	-0.1359+0.3804i	0.0024+0.1635i	-0.0580+0.1669i	-0.0520+0.1766i	-0.7123-3.1660i	0.8475+1.4711i	7.8442+11.0188i	-2.5599-8.9029i
79.6	-0.1303+0.3911i	0.0069+0.1672i	-0.0540+0.1701i	-0.0497+0.1809i	-0.8876-3.1071i	0.8136+1.5746i	8.2206+10.7236i	-2.9012-8.9841i
79.7	-0.1316+0.4015i	0.0129+0.1683i	-0.0540+0.1735i	-0.0517+0.1838i	-1.0846-2.7959i	0.8352+1.6755i	8.4499+10.0513i	-3.1227-9.0913i
79.8	-0.1129+0.4156i	0.0207+0.1659i	-0.0476+0.1768i	-0.0436+0.1862i	-1.1100-2.8221i	0.7950+1.7037i	8.7447+9.6416i	-3.5966-8.9110i
79.9	-0.0922+0.4231i	0.0293+0.1660i	-0.0368+0.1812i	-0.0318+0.1909i	-1.3568-2.6369i	0.8188+1.7591i	9.1005+9.4386i	-4.0071-8.6567i
80.0	-0.0829+0.4173i	0.0318+0.1607i	-0.0314+0.1770i	-0.0276+0.1876i	-1.2595-2.5360i	0.8381+1.8137i	9.0622+8.8958i	-4.0221-8.4671i

1.1.17 Run 5 – VTC – NF and AF gauges

Vertical shaking on center. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.4263+0.0000i	0.2203+0.0000i	0.4599+0.0000i	0.7393+0.0000i	0.0078+0.0000i	-0.0154+0.0000i	0.0436+0.0000i	0.0188+0.0000i
0.1	0.2544-0.0079i	0.2666-0.0009i	0.2988-0.0046i	0.3208-0.0336i	0.0055+0.0001i	-0.0120-0.0005i	0.0055-0.0024i	-0.0014-0.0016i
0.2	0.2255-0.0017i	0.2678+0.0023i	0.2736-0.0022i	0.2281-0.0048i	0.0052+0.0001i	-0.0114-0.0004i	-0.0017-0.0002i	-0.0036+0.0004i
0.3	0.2287-0.0328i	0.2618+0.0243i	0.2863-0.0468i	0.2198+0.0422i	0.0059-0.0022i	-0.0111-0.0021i	-0.0015-0.0027i	-0.0036-0.0020i
0.4	0.1978-0.0385i	0.2900+0.0343i	0.2192-0.0529i	0.2860+0.0513i	0.0033-0.0027i	-0.0134-0.0028i	-0.0046-0.0035i	-0.0077-0.0033i
0.5	0.1835-0.0194i	0.3035+0.0162i	0.1907+0.0132i	0.3156-0.0109i	0.0024-0.0011i	-0.0143-0.0013i	-0.0056-0.0016i	-0.0082-0.0008i
0.6	0.1807-0.0102i	0.3040+0.0074i	0.2652+0.0240i	0.2418-0.0255i	0.0021-0.0005i	-0.0144-0.0004i	-0.0056-0.0009i	-0.0080+0.0004i
0.7	0.1872-0.0028i	0.2938+0.0021i	0.2783-0.0031i	0.2269-0.0009i	0.0031-0.0002i	-0.0135-0.0000i	-0.0047-0.0003i	-0.0074-0.0001i
0.8	0.1975-0.0081i	0.2850+0.0081i	0.2733-0.0404i	0.2317+0.0420i	0.0040-0.0006i	-0.0128-0.0004i	-0.0038-0.0007i	-0.0067-0.0010i
0.9	0.1965-0.0166i	0.2911+0.0168i	0.1833-0.0589i	0.3225+0.0612i	0.0036-0.0015i	-0.0131-0.0010i	-0.0043-0.0017i	-0.0074-0.0016i
1.0	0.1839-0.0240i	0.3035+0.0218i	0.1924-0.0135i	0.3136+0.0151i	0.0024-0.0023i	-0.0144-0.0017i	-0.0055-0.0024i	-0.0086-0.0020i
1.1	0.1734-0.0131i	0.3127+0.0088i	0.2212-0.0002i	0.2879+0.0020i	0.0013-0.0013i	-0.0153-0.0006i	-0.0067-0.0014i	-0.0092-0.0010i
1.2	0.1769-0.0011i	0.3091-0.0023i	0.2287-0.0013i	0.2800+0.0016i	0.0017-0.0003i	-0.0153+0.0006i	-0.0064-0.0001i	-0.0084+0.0003i
1.3	0.1782+0.0018i	0.3086-0.0031i	0.2294-0.0012i	0.2774+0.0010i	0.0015-0.0003i	-0.0154+0.0006i	-0.0063+0.0001i	-0.0089+0.0005i
1.4	0.1768+0.0013i	0.3110-0.0037i	0.2337-0.0002i	0.2755+0.0013i	0.0014-0.0002i	-0.0155+0.0010i	-0.0065+0.0002i	-0.0094+0.0004i
1.5	0.1715+0.0039i	0.3170-0.0065i	0.2351+0.0004i	0.2759+0.0004i	0.0012+0.0002i	-0.0158+0.0013i	-0.0070+0.0008i	-0.0093+0.0003i
1.6	0.1654+0.0074i	0.3222-0.0086i	0.2352+0.0002i	0.2757-0.0006i	0.0005+0.0006i	-0.0167+0.0015i	-0.0077+0.0009i	-0.0107+0.0007i
1.7	0.1588+0.0135i	0.3261-0.0146i	0.2350+0.0002i	0.2764-0.0024i	-0.0001+0.0012i	-0.0172+0.0020i	-0.0084+0.0018i	-0.0114+0.0021i
1.8	0.1483+0.0338i	0.3380-0.0344i	0.2345+0.0026i	0.2754-0.0021i	-0.0015+0.0032i	-0.0182+0.0041i	-0.0097+0.0045i	-0.0129+0.0046i
1.9	0.1627+0.0654i	0.3295-0.0663i	0.2343+0.0062i	0.2736-0.0064i	-0.0001+0.0072i	-0.0167+0.0082i	-0.0085+0.0090i	-0.0109+0.0090i
2.0	0.2067+0.0801i	0.2837-0.0801i	0.2356+0.0103i	0.2744-0.0120i	0.0048+0.0094i	-0.0121+0.0104i	-0.0025+0.0119i	-0.0053+0.0130i
2.1	0.2178+0.0714i	0.2712-0.0738i	0.2397+0.0185i	0.2713-0.0179i	0.0063+0.0097i	-0.0103+0.0110i	-0.0002+0.0127i	-0.0029+0.0135i
2.2	0.2430+0.0562i	0.2471-0.0585i	0.2516+0.0148i	0.2620-0.0139i	0.0129+0.0077i	-0.0035+0.0090i	0.0086+0.0102i	0.0068+0.0111i
2.3	0.2690+0.0302i	0.2251-0.0330i	0.2543+0.0028i	0.2589-0.0048i	0.0220-0.0005i	0.0056+0.0008i	0.0216-0.0015i	0.0209-0.0012i
2.4	0.2454+0.0069i	0.2488-0.0149i	0.2517-0.0001i	0.2626-0.0020i	0.0092-0.0126i	-0.0072-0.0114i	0.0026-0.0195i	0.0002-0.0215i
2.5	0.2398+0.0096i	0.2515-0.0164i	0.2508-0.0013i	0.2648-0.0001i	0.0011-0.0053i	-0.0153-0.0041i	-0.0097-0.0080i	-0.0135-0.0092i
2.6	0.2372+0.0075i	0.2544-0.0130i	0.2499-0.0021i	0.2663+0.0001i	0.0033-0.0016i	-0.0133-0.0003i	-0.0059-0.0020i	-0.0090-0.0025i
2.7	0.2315+0.0062i	0.2608-0.0067i	0.2497-0.0032i	0.2668-0.0002i	0.0046-0.0008i	-0.0124+0.0003i	-0.0039-0.0007i	-0.0068-0.0009i
2.8	0.2286+0.0053i	0.2649-0.0073i	0.2503-0.0017i	0.2680-0.0001i	0.0048-0.0003i	-0.0119+0.0009i	-0.0036-0.0003i	-0.0066+0.0001i
2.9	0.2350+0.0039i	0.2580-0.0088i	0.2508-0.0007i	0.2669-0.0015i	0.0053-0.0004i	-0.0113+0.0008i	-0.0030-0.0004i	-0.0055+0.0003i
3.0	0.2353-0.0016i	0.2592-0.0022i	0.2504-0.0027i	0.2668-0.0006i	0.0055-0.0006i	-0.0112+0.0002i	-0.0024-0.0007i	-0.0049+0.0001i
3.1	0.2230-0.0015i	0.2693-0.0010i	0.2497-0.0011i	0.2673-0.0000i	0.0051-0.0008i	-0.0116+0.0000i	-0.0026-0.0008i	-0.0054+0.0000i
3.2	0.2160+0.0019i	0.2784-0.0045i	0.2525-0.0016i	0.2646-0.0006i	0.0047-0.0011i	-0.0118+0.0005i	-0.0033-0.0009i	-0.0057-0.0005i
3.3	0.2379+0.0232i	0.2612-0.0227i	0.2504-0.0002i	0.2706+0.0019i	0.0056+0.0009i	-0.0107+0.0024i	-0.0022+0.0014i	-0.0035+0.0011i
3.4	0.2473+0.0110i	0.2468-0.0128i	0.2502-0.0001i	0.2733+0.0009i	0.0071+0.0003i	-0.0091+0.0013i	-0.0011+0.0008i	-0.0017+0.0005i
3.5	0.2444-0.0021i	0.2514+0.0037i	0.2540+0.0002i	0.2724+0.0001i	0.0071-0.0007i	-0.0089-0.0000i	-0.0018-0.0006i	-0.0037-0.0022i
3.6	0.2389-0.0285i	0.2600+0.0192i	0.2594-0.0037i	0.2784-0.0042i	0.0066-0.0018i	-0.0097-0.0005i	-0.0030-0.0024i	-0.0066-0.0058i
3.7	0.2034-0.0063i	0.2949+0.0066i	0.2541-0.0055i	0.2715+0.0021i	0.0036-0.0014i	-0.0122+0.0007i	-0.0046-0.0004i	-0.0079+0.0002i
3.8	0.2113-0.0041i	0.2915+0.0026i	0.2545-0.0014i	0.2742+0.0020i	0.0037-0.0008i	-0.0125+0.0005i	-0.0042-0.0004i	-0.0071-0.0007i
3.9	0.2165+0.0008i	0.2874-0.0023i	0.2551-0.0003i	0.2760-0.0007i	0.0040-0.0004i	-0.0121+0.0006i	-0.0036-0.0000i	-0.0062+0.0002i
4.0	0.2222+0.0010i	0.2823-0.0026i	0.2564+0.0004i	0.2752-0.0019i	0.0046-0.0004i	-0.0116+0.0007i	-0.0031+0.0001i	-0.0055+0.0003i
4.1	0.2248-0.0021i	0.2814+0.0001i	0.2570-0.0002i	0.2754-0.0011i	0.0048-0.0006i	-0.0114+0.0006i	-0.0029-0.0002i	-0.0053+0.0002i
4.2	0.2247-0.0031i	0.2834+0.0003i	0.2570-0.0000i	0.2766-0.0006i	0.0048-0.0007i	-0.0116+0.0005i	-0.0029-0.0002i	-0.0051+0.0002i
4.3	0.2257+0.0005i	0.2829-0.0031i	0.2567-0.0008i	0.2785-0.0009i	0.0049-0.0004i	-0.0114+0.0009i	-0.0028+0.0001i	-0.0050-0.0003i
4.4	0.2294+0.0016i	0.2815-0.0050i	0.2576-0.0016i	0.2788-0.0010i	0.0052-0.0003i	-0.0110+0.0011i	-0.0024+0.0003i	-0.0044+0.0001i
4.5	0.2350+0.0002i	0.2787-0.0038i	0.2587-0.0017i	0.2803-0.0012i	0.0056-0.0004i	-0.0107+0.0009i	-0.0018+0.0002i	-0.0036+0.0005i
4.6	0.2375-0.0010i	0.2763-0.0029i	0.2602-0.0033i	0.2814-0.0024i	0.0059-0.0004i	-0.0103+0.0010i	-0.0013+0.0002i	-0.0032+0.0007i
4.7	0.2419-0.0025i	0.2735-0.0034i	0.2598-0.0034i	0.2812-0.0034i	0.0063-0.0006i	-0.0098+0.0010i	-0.0008+0.0002i	-0.0032+0.0007i
4.8	0.2461-0.0063i	0.2714+0.0004i	0.2607-0.0016i	0.2830-0.0055i	0.0065-0.0018i	-0.0094+0.0002i	-0.0003-0.0008i	-0.0030-0.0011i
4.9	0.2459-0.0139i	0.2713+0.0048i	0.2617+0.0018i	0.2833-0.0074i	0.0067-0.0022i	-0.0096-0.0003i	-0.0006-0.0022i	-0.0033-0.0020i
5.0	0.2375-0.0145i	0.2846+0.0125i	0.2646+0.0039i	0.2825-0.0017i	0.0056-0.0013i	-0.0110-0.0006i	-0.0019-0.0012i	-0.0041-0.0000i
5.1	0.2387-0.0067i	0.2890+0.0083i	0.2654+0.0018i	0.2884-0.0003i	0.0054-0.0010i	-0.0108-0.0002i	-0.0020-0.0007i	-0.0041-0.0003i
5.2	0.2440-0.0014i	0.2868-0.0006i	0.2687+0.0020i	0.2919-0.0039i	0.0055+0.0001i	-0.0107+0.0009i	-0.0016+0.0008i	-0.0044+0.0005i
5.3	0.2528+0.0023i	0.2762-0.0062i	0.2722+0.0026i	0.2914-0.0066i	0.0070+0.0012i	-0.0094+0.0025i	0.0005+0.0026i	-0.0022+0.0021i
5.4	0.2737-0.0049i	0.2571+0.0016i	0.2767+0.0029i	0.2828-0.0101i	0.0098+0.0007i	-0.0065+0.0022i	0.0047+0.0020i	0.0017+0.0024i
5.5	0.2849-0.0401i	0.2544+0.0407i	0.2849+0.0013i	0.2784+0.0036i	0.0122-0.0036i	-0.0033-0.0020i	0.0086-0.0029i	0.0061-0.0025i
5.6	0.2535-0.0518i	0.2941+0.0555i	0.2851-0.0112i	0.2955+0.0184i	0.0099-0.0066i	-0.0065-0.0054i	0.0044-0.0077i	0.0025-0.0072i

5.7	0.2444-0.0379i	0.3148+0.0439i	0.2840-0.0136i	0.3076+0.0196i	0.0080-0.0063i	-0.0089-0.0049i	0.0022-0.0078i	0.0006-0.0078i
5.8	0.2526-0.0319i	0.3163+0.0289i	0.2836-0.0112i	0.3158+0.0117i	0.0083-0.0062i	-0.0083-0.0048i	0.0024-0.0079i	0.0011-0.0080i
5.9	0.2566-0.0276i	0.3176+0.0223i	0.2824-0.0115i	0.3234+0.0076i	0.0076-0.0057i	-0.0089-0.0043i	0.0016-0.0075i	0.0005-0.0073i
6.0	0.2631-0.0245i	0.3166+0.0186i	0.2859-0.0076i	0.3278+0.0013i	0.0079-0.0051i	-0.0087-0.0037i	0.0020-0.0066i	0.0002-0.0064i
6.1	0.2768-0.0243i	0.3144+0.0151i	0.2948-0.0046i	0.3304-0.0043i	0.0093-0.0051i	-0.0075-0.0036i	0.0037-0.0065i	0.0021-0.0066i
6.2	0.2915-0.0287i	0.3131+0.0136i	0.3057-0.0050i	0.3353-0.0077i	0.0104-0.0059i	-0.0064-0.0042i	0.0050-0.0076i	0.0037-0.0077i
6.3	0.3000-0.0313i	0.3119+0.0129i	0.3116-0.0072i	0.3404-0.0102i	0.0110-0.0062i	-0.0057-0.0045i	0.0060-0.0080i	0.0046-0.0083i
6.4	0.3175-0.0387i	0.3104+0.0139i	0.3206-0.0122i	0.3487-0.0134i	0.0124-0.0073i	-0.0044-0.0053i	0.0078-0.0094i	0.0064-0.0097i
6.5	0.3376-0.0443i	0.3083+0.0135i	0.3311-0.0158i	0.3583-0.0169i	0.0142-0.0079i	-0.0026-0.0058i	0.0102-0.0101i	0.0093-0.0106i
6.6	0.3631-0.0576i	0.3071+0.0159i	0.3453-0.0220i	0.3702-0.0239i	0.0167-0.0096i	-0.0003-0.0074i	0.0137-0.0123i	0.0130-0.0129i
6.7	0.3958-0.0756i	0.3045+0.0194i	0.3634-0.0314i	0.3871-0.0305i	0.0197-0.0118i	0.0026-0.0094i	0.0179-0.0154i	0.0171-0.0163i
6.8	0.4477-0.1011i	0.2989+0.0232i	0.3892-0.0436i	0.4133-0.0410i	0.0248-0.0152i	0.0074-0.0124i	0.0247-0.0199i	0.0243-0.0214i
6.9	0.5191-0.1570i	0.2919+0.0333i	0.4250-0.0694i	0.4487-0.0653i	0.0318-0.0222i	0.0141-0.0188i	0.0340-0.0293i	0.0337-0.0315i
7.0	0.5951-0.3519i	0.2889+0.0660i	0.4680-0.1601i	0.4883-0.1544i	0.0371-0.0446i	0.0197-0.0397i	0.0414-0.0599i	0.0411-0.0639i
7.1	0.5066-0.6073i	0.3143+0.0985i	0.4349-0.2881i	0.4521-0.2775i	0.0233-0.0708i	0.0072-0.0645i	0.0227-0.0955i	0.0208-0.1009i
7.2	0.2079-0.7580i	0.3650+0.1069i	0.2928-0.3742i	0.3172-0.3531i	-0.0112-0.0822i	-0.0250-0.0759i	-0.0242-0.1110i	-0.0288-0.1172i
7.3	-0.1627-0.6095i	0.4162+0.0799i	0.1005-0.3032i	0.1502-0.2865i	-0.0491-0.0620i	-0.0607-0.0577i	-0.0752-0.0839i	-0.0829-0.0885i
7.4	-0.2980-0.4440i	0.4430+0.0561i	0.0411-0.2162i	0.0902-0.2144i	-0.0635-0.0437i	-0.0749-0.0409i	-0.0954-0.0595i	-0.1036-0.0614i
7.5	-0.2848-0.1989i	0.4421+0.0114i	0.0545-0.1018i	0.0916-0.1061i	-0.0605-0.0161i	-0.0728-0.0148i	-0.0919-0.0216i	-0.0992-0.0216i
7.6	-0.2071-0.1226i	0.4280-0.0017i	0.0914-0.0687i	0.1253-0.0694i	-0.0510-0.0079i	-0.0640-0.0068i	-0.0790-0.0100i	-0.0856-0.0098i
7.7	-0.1306-0.0867i	0.4167-0.0056i	0.1267-0.0520i	0.1620-0.0515i	-0.0421-0.0045i	-0.0558-0.0034i	-0.0669-0.0052i	-0.0730-0.0049i
7.8	-0.0902-0.0834i	0.4184-0.0014i	0.1511-0.0485i	0.1854-0.0459i	-0.0384-0.0048i	-0.0524-0.0037i	-0.0618-0.0056i	-0.0676-0.0051i
7.9	-0.0874-0.0767i	0.4278-0.0029i	0.1590-0.0456i	0.1928-0.0423i	-0.0386-0.0039i	-0.0528-0.0026i	-0.0624-0.0042i	-0.0681-0.0040i
8.0	-0.0841-0.0544i	0.4335-0.0124i	0.1641-0.0393i	0.1993-0.0351i	-0.0385-0.0008i	-0.0527+0.0005i	-0.0624+0.0001i	-0.0678+0.0005i
8.1	-0.0731-0.0354i	0.4411-0.0195i	0.1733-0.0330i	0.2102-0.0279i	-0.0379+0.0017i	-0.0522+0.0027i	-0.0615+0.0036i	-0.0667+0.0042i
8.2	-0.0689-0.0212i	0.4500-0.0304i	0.1808-0.0309i	0.2170-0.0261i	-0.0380+0.0040i	-0.0525+0.0051i	-0.0614+0.0069i	-0.0671+0.0079i
8.3	-0.0655+0.0006i	0.4589-0.0430i	0.1870-0.0264i	0.2246-0.0208i	-0.0379+0.0074i	-0.0525+0.0085i	-0.0613+0.0117i	-0.0672+0.0128i
8.4	-0.0599+0.0134i	0.4637-0.0511i	0.1924-0.0250i	0.2318-0.0189i	-0.0376+0.0094i	-0.0521+0.0104i	-0.0608+0.0145i	-0.0664+0.0158i
8.5	-0.0555+0.0278i	0.4745-0.0627i	0.1999-0.0249i	0.2406-0.0177i	-0.0378+0.0119i	-0.0522+0.0129i	-0.0608+0.0179i	-0.0663+0.0198i
8.6	-0.0544+0.0391i	0.4843-0.0748i	0.2073-0.0251i	0.2480-0.0176i	-0.0382+0.0141i	-0.0528+0.0152i	-0.0614+0.0210i	-0.0671+0.0230i
8.7	-0.0567+0.0563i	0.5025-0.0955i	0.2166-0.0255i	0.2582-0.0223i	-0.0398+0.0176i	-0.0545+0.0186i	-0.0639+0.0259i	-0.0694+0.0275i
8.8	-0.0617+0.0790i	0.5191-0.1259i	0.2228-0.0299i	0.2667-0.0289i	-0.0416+0.0226i	-0.0561+0.0238i	-0.0660+0.0330i	-0.0714+0.0353i
8.9	-0.0662+0.1015i	0.5354-0.1567i	0.2299-0.0344i	0.2729-0.0330i	-0.0430+0.0273i	-0.0574+0.0284i	-0.0679+0.0396i	-0.0734+0.0423i
9.0	-0.0611+0.1488i	0.5416-0.2220i	0.2353-0.0460i	0.2791-0.0441i	-0.0424+0.0374i	-0.0569+0.0385i	-0.0671+0.0536i	-0.0726+0.0571i
9.1	-0.0377+0.1732i	0.5191-0.2602i	0.2341-0.0553i	0.2803-0.0524i	-0.0380+0.0430i	-0.0525+0.0441i	-0.0610+0.0613i	-0.0660+0.0652i
9.2	-0.0563+0.2264i	0.5548-0.3416i	0.2453-0.0730i	0.2914-0.0720i	-0.0427+0.0557i	-0.0570+0.0567i	-0.0676+0.0792i	-0.0723+0.0842i
9.3	-0.0120+0.3099i	0.4935-0.4668i	0.2351-0.0990i	0.2807-0.1001i	-0.0318+0.0748i	-0.0457+0.0757i	-0.0521+0.1060i	-0.0557+0.1124i
9.4	0.1255+0.3606i	0.2959-0.5451i	0.1958-0.1167i	0.2419-0.1203i	0.0002+0.0858i	-0.0137+0.0862i	-0.0071+0.1211i	-0.0083+0.1276i
9.5	0.2446+0.3099i	0.1205-0.4716i	0.1607-0.1035i	0.2054-0.1060i	0.0271+0.0728i	0.0128+0.0729i	0.0307+0.1028i	0.0311+0.1079i
9.6	0.2996+0.2259i	0.0400-0.3483i	0.1451-0.0786i	0.1886-0.0804i	0.0393+0.0527i	0.0246+0.0529i	0.0476+0.0746i	0.0487+0.0778i
9.7	0.2975+0.1411i	0.0456-0.2256i	0.1474-0.0530i	0.1906-0.0544i	0.0376+0.0334i	0.0225+0.0336i	0.0451+0.0474i	0.0461+0.0492i
9.8	0.2837+0.0966i	0.0717-0.1573i	0.1529-0.0390i	0.1962-0.0388i	0.0334+0.0230i	0.0178+0.0233i	0.0387+0.0327i	0.0391+0.0340i
9.9	0.2647+0.0696i	0.1024-0.1172i	0.1586-0.0313i	0.2045-0.0282i	0.0288+0.0167i	0.0133+0.0173i	0.0323+0.0239i	0.0320+0.0250i
10.0	0.2486+0.0495i	0.1285-0.0880i	0.1641-0.0247i	0.2123-0.0213i	0.0248+0.0122i	0.0093+0.0129i	0.0268+0.0176i	0.0260+0.0180i
10.1	0.2359+0.0395i	0.1539-0.0736i	0.1691-0.0222i	0.2185-0.0185i	0.0212+0.0100i	0.0058+0.0107i	0.0217+0.0149i	0.0209+0.0147i
10.2	0.2250+0.0323i	0.1757-0.0643i	0.1748-0.0223i	0.2257-0.0157i	0.0181+0.0085i	0.0025+0.0092i	0.0174+0.0126i	0.0161+0.0128i
10.3	0.2128+0.0301i	0.1924-0.0652i	0.1772-0.0250i	0.2328-0.0161i	0.0153+0.0081i	-0.0002+0.0090i	0.0136+0.0119i	0.0125+0.0125i
10.4	0.2073+0.0278i	0.1987-0.0664i	0.1758-0.0258i	0.2358-0.0191i	0.0141+0.0084i	-0.0012+0.0092i	0.0119+0.0121i	0.0107+0.0124i
10.5	0.2044+0.0244i	0.2004-0.0642i	0.1738-0.0244i	0.2368-0.0198i	0.0136+0.0081i	-0.0015+0.0089i	0.0113+0.0117i	0.0098+0.0118i
10.6	0.2014+0.0202i	0.2023-0.0571i	0.1733-0.0203i	0.2371-0.0203i	0.0131+0.0070i	-0.0020+0.0082i	0.0106+0.0105i	0.0092+0.0111i
10.7	0.1970+0.0180i	0.2071-0.0468i	0.1718-0.0161i	0.2385-0.0178i	0.0124+0.0057i	-0.0028+0.0066i	0.0099+0.0085i	0.0082+0.0090i
10.8	0.1941+0.0161i	0.2132-0.0385i	0.1730-0.0132i	0.2406-0.0152i	0.0117+0.0049i	-0.0037+0.0056i	0.0084+0.0071i	0.0074+0.0071i
10.9	0.1893+0.0135i	0.2229-0.0335i	0.1769-0.0112i	0.2441-0.0146i	0.0104+0.0042i	-0.0051+0.0051i	0.0065+0.0063i	0.0056+0.0064i
11.0	0.1854+0.0119i	0.2317-0.0304i	0.1782-0.0083i	0.2465-0.0145i	0.0093+0.0037i	-0.0061+0.0046i	0.0051+0.0057i	0.0032+0.0062i
11.1	0.1814+0.0104i	0.2397-0.0273i	0.1799-0.0071i	0.2482-0.0143i	0.0084+0.0036i	-0.0070+0.0042i	0.0039+0.0054i	0.0020+0.0052i
11.2	0.1776+0.0111i	0.2473-0.0269i	0.1817-0.0072i	0.2517-0.0128i	0.0075+0.0034i	-0.0079+0.0041i	0.0025+0.0052i	0.0005+0.0048i
11.3	0.1738+0.0109i	0.2515-0.0262i	0.1845-0.0071i	0.2539-0.0120i	0.0069+0.0030i	-0.0085+0.0038i	0.0016+0.0048i	-0.0003+0.0043i
11.4	0.1712+0.0077i	0.2582-0.0245i	0.1867-0.0063i	0.2569-0.0118i	0.0058+0.0026i	-0.0094+0.0035i	0.0006+0.0044i	-0.0016+0.0041i
11.5	0.1686+0.0068i	0.2646-0.0218i	0.1875-0.0060i	0.2585-0.0113i	0.0052+0.0024i	-0.0100+0.0034i	-0.0002+0.0042i	-0.0027+0.0037i
11.6	0.1659+0.0064i	0.2706-0.0215i	0.1876-0.0072i	0.2613-0.0107i	0.0045+0.0024i	-0.0109+0.0033i	-0.0015+0.0039i	-0.0041+0.0032i
11.7	0.1638+0.0057i	0.2786-0.0209i	0.1871-0.0058i	0.2644-0.0104i	0.0036+0.0023i	-0.0118+0.0032i	-0.0025+0.0039i	-0.0054+0.0033i
11.8	0.1612+0.0056i	0.2848-0.0209i	0.1887-0.0052i	0.2667-0.0106i	0.0030+0.0023i	-0.0124+0.0032i	-0.0033+0.0038i	-0.0064+0.0035i
11.9	0.1588+0.0063i	0.2895-0.0227i	0.1898-0.0051i	0.2714-0.0114i	0.0023+0.0022i	-0.0131+0.0033i	-0.0044+0.0039i	-0.0075+0.0043i

12.0	0.1560+0.0068i	0.2942-0.0245i	0.1898-0.0065i	0.2745-0.0118i	0.0016+0.0023i	-0.0137+0.0036i	-0.0054+0.0042i	-0.0084+0.0048i
12.1	0.1523+0.0069i	0.3002-0.0258i	0.1894-0.0069i	0.2766-0.0135i	0.0010+0.0025i	-0.0144+0.0037i	-0.0063+0.0043i	-0.0094+0.0047i
12.2	0.1490+0.0080i	0.3062-0.0284i	0.1915-0.0078i	0.2797-0.0149i	0.0001+0.0029i	-0.0153+0.0039i	-0.0074+0.0048i	-0.0104+0.0055i
12.3	0.1475+0.0099i	0.3121-0.0303i	0.1902-0.0109i	0.2823-0.0144i	-0.0004+0.0033i	-0.0160+0.0045i	-0.0082+0.0055i	-0.0113+0.0059i
12.4	0.1457+0.0105i	0.3178-0.0351i	0.1866-0.0116i	0.2861-0.0167i	-0.0010+0.0038i	-0.0163+0.0050i	-0.0087+0.0059i	-0.0118+0.0063i
12.5	0.1448+0.0121i	0.3175-0.0411i	0.1843-0.0123i	0.2895-0.0189i	-0.0012+0.0043i	-0.0164+0.0055i	-0.0091+0.0066i	-0.0117+0.0074i
12.6	0.1440+0.0138i	0.3178-0.0437i	0.1833-0.0130i	0.2912-0.0203i	-0.0013+0.0046i	-0.0165+0.0058i	-0.0091+0.0072i	-0.0115+0.0079i
12.7	0.1429+0.0132i	0.3176-0.0444i	0.1766-0.0125i	0.2961-0.0208i	-0.0011+0.0048i	-0.0164+0.0061i	-0.0094+0.0073i	-0.0113+0.0076i
12.8	0.1415+0.0126i	0.3189-0.0441i	0.1726-0.0090i	0.2991-0.0226i	-0.0013+0.0047i	-0.0165+0.0059i	-0.0097+0.0074i	-0.0111+0.0076i
12.9	0.1374+0.0126i	0.3223-0.0425i	0.1730-0.0058i	0.3004-0.0243i	-0.0017+0.0046i	-0.0169+0.0058i	-0.0103+0.0074i	-0.0111+0.0077i
13.0	0.1338+0.0126i	0.3237-0.0415i	0.1708-0.0031i	0.3031-0.0284i	-0.0020+0.0046i	-0.0170+0.0057i	-0.0108+0.0078i	-0.0117+0.0073i
13.1	0.1315+0.0129i	0.3281-0.0390i	0.1686+0.0004i	0.3046-0.0305i	-0.0023+0.0043i	-0.0173+0.0053i	-0.0111+0.0080i	-0.0127+0.0058i
13.2	0.1291+0.0114i	0.3357-0.0394i	0.1701+0.0034i	0.3058-0.0306i	-0.0030+0.0041i	-0.0180+0.0054i	-0.0117+0.0081i	-0.0139+0.0055i
13.3	0.1248+0.0108i	0.3415-0.0412i	0.1699+0.0062i	0.3110-0.0339i	-0.0039+0.0043i	-0.0187+0.0054i	-0.0126+0.0082i	-0.0149+0.0058i
13.4	0.1169+0.0106i	0.3483-0.0423i	0.1653+0.0065i	0.3180-0.0364i	-0.0046+0.0043i	-0.0196+0.0055i	-0.0130+0.0087i	-0.0160+0.0052i
13.5	0.1123+0.0123i	0.3546-0.0463i	0.1652+0.0052i	0.3205-0.0377i	-0.0052+0.0048i	-0.0202+0.0059i	-0.0132+0.0088i	-0.0178+0.0061i
13.6	0.1075+0.0154i	0.3599-0.0507i	0.1593+0.0049i	0.3260-0.0411i	-0.0058+0.0053i	-0.0208+0.0062i	-0.0136+0.0091i	-0.0194+0.0073i
13.7	0.1038+0.0169i	0.3641-0.0562i	0.1543+0.0076i	0.3302-0.0459i	-0.0063+0.0058i	-0.0213+0.0068i	-0.0142+0.0093i	-0.0202+0.0084i
13.8	0.0993+0.0214i	0.3703-0.0632i	0.1523+0.0106i	0.3313-0.0506i	-0.0067+0.0066i	-0.0220+0.0075i	-0.0148+0.0104i	-0.0205+0.0096i
13.9	0.0957+0.0230i	0.3745-0.0654i	0.1462+0.0124i	0.3362-0.0548i	-0.0072+0.0071i	-0.0227+0.0076i	-0.0156+0.0108i	-0.0212+0.0103i
14.0	0.0884+0.0271i	0.3797-0.0693i	0.1344+0.0213i	0.3455-0.0658i	-0.0080+0.0072i	-0.0233+0.0079i	-0.0162+0.0110i	-0.0223+0.0107i
14.1	0.0832+0.0317i	0.3828-0.0748i	0.1288+0.0346i	0.3506-0.0778i	-0.0086+0.0079i	-0.0239+0.0082i	-0.0170+0.0116i	-0.0233+0.0115i
14.2	0.0795+0.0353i	0.3850-0.0787i	0.1277+0.0486i	0.3523-0.0901i	-0.0089+0.0084i	-0.0242+0.0087i	-0.0176+0.0122i	-0.0237+0.0130i
14.3	0.0750+0.0380i	0.3875-0.0836i	0.1286+0.0625i	0.3493-0.1039i	-0.0094+0.0087i	-0.0248+0.0093i	-0.0184+0.0128i	-0.0241+0.0135i
14.4	0.0695+0.0414i	0.3913-0.0838i	0.1318+0.0713i	0.3454-0.1148i	-0.0099+0.0088i	-0.0253+0.0096i	-0.0188+0.0129i	-0.0245+0.0137i
14.5	0.0636+0.0450i	0.3969-0.0860i	0.1323+0.0836i	0.3440-0.1248i	-0.0107+0.0093i	-0.0262+0.0099i	-0.0197+0.0130i	-0.0254+0.0142i
14.6	0.0548+0.0489i	0.4092-0.0903i	0.1289+0.1013i	0.3500-0.1390i	-0.0123+0.0097i	-0.0280+0.0102i	-0.0220+0.0136i	-0.0279+0.0145i
14.7	0.0500+0.0564i	0.4143-0.1002i	0.1400+0.1234i	0.3428-0.1616i	-0.0130+0.0110i	-0.0284+0.0115i	-0.0226+0.0153i	-0.0290+0.0164i
14.8	0.0449+0.0636i	0.4173-0.1096i	0.1598+0.1446i	0.3219-0.1825i	-0.0132+0.0123i	-0.0287+0.0130i	-0.0225+0.0169i	-0.0290+0.0184i
14.9	0.0464+0.0646i	0.4122-0.1132i	0.1963+0.1559i	0.2815-0.1966i	-0.0125+0.0129i	-0.0282+0.0136i	-0.0213+0.0174i	-0.0279+0.0195i
15.0	0.0398+0.0656i	0.4137-0.1121i	0.2201+0.1493i	0.2544-0.1902i	-0.0128+0.0126i	-0.0286+0.0134i	-0.0219+0.0165i	-0.0287+0.0198i
15.1	0.0300+0.0676i	0.4204-0.1076i	0.2420+0.1279i	0.2309-0.1636i	-0.0139+0.0123i	-0.0296+0.0129i	-0.0240+0.0153i	-0.0289+0.0195i
15.2	0.0186+0.0685i	0.4332-0.1020i	0.2446+0.0935i	0.2308-0.1210i	-0.0153+0.0118i	-0.0313+0.0124i	-0.0258+0.0149i	-0.0300+0.0179i
15.3	0.0046+0.0715i	0.4513-0.1007i	0.2275+0.0665i	0.2522-0.0897i	-0.0176+0.0118i	-0.0331+0.0126i	-0.0289+0.0154i	-0.0331+0.0175i
15.4	-0.0163+0.0744i	0.4751-0.0994i	0.1996+0.0579i	0.2842-0.0794i	-0.0205+0.0120i	-0.0357+0.0130i	-0.0324+0.0158i	-0.0368+0.0178i
15.5	-0.0378+0.0774i	0.4995-0.0995i	0.1763+0.0569i	0.3075-0.0784i	-0.0231+0.0122i	-0.0386+0.0131i	-0.0360+0.0162i	-0.0401+0.0183i
15.6	-0.0645+0.0908i	0.5277-0.1129i	0.1398+0.0875i	0.3439-0.1040i	-0.0265+0.0136i	-0.0420+0.0144i	-0.0401+0.0184i	-0.0451+0.0196i
15.7	-0.0981+0.1126i	0.5664-0.1346i	0.1049+0.1474i	0.3845-0.1619i	-0.0316+0.0159i	-0.0469+0.0169i	-0.0458+0.0215i	-0.0520+0.0227i
15.8	-0.1265+0.1400i	0.5995-0.1615i	0.1142+0.2252i	0.3821-0.2365i	-0.0358+0.0195i	-0.0509+0.0203i	-0.0504+0.0259i	-0.0576+0.0280i
15.9	-0.1589+0.1712i	0.6373-0.1948i	0.1538+0.2925i	0.3508-0.3005i	-0.0401+0.0238i	-0.0558+0.0242i	-0.0559+0.0310i	-0.0635+0.0334i
16.0	-0.1851+0.2046i	0.6661-0.2292i	0.2169+0.3144i	0.2958-0.3255i	-0.0435+0.0283i	-0.0596+0.0288i	-0.0604+0.0364i	-0.0682+0.0400i
16.1	-0.2123+0.2701i	0.6931-0.2983i	0.3102+0.3311i	0.2108-0.3453i	-0.0468+0.0373i	-0.0628+0.0380i	-0.0646+0.0472i	-0.0724+0.0529i
16.2	-0.2304+0.3226i	0.7130-0.3486i	0.3932+0.3109i	0.1354-0.3279i	-0.0489+0.0440i	-0.0651+0.0449i	-0.0672+0.0553i	-0.0753+0.0618i
16.3	-0.2710+0.3888i	0.7578-0.4138i	0.4449+0.2700i	0.0914-0.2937i	-0.0537+0.0521i	-0.0701+0.0533i	-0.0739+0.0655i	-0.0811+0.0727i
16.4	-0.3024+0.4757i	0.7923-0.5044i	0.4642+0.2316i	0.0754-0.2616i	-0.0579+0.0630i	-0.0742+0.0645i	-0.0791+0.0794i	-0.0856+0.0868i
16.5	-0.3188+0.6065i	0.8091-0.6409i	0.4815+0.1904i	0.0618-0.2311i	-0.0600+0.0803i	-0.0762+0.0815i	-0.0818+0.1011i	-0.0882+0.1093i
16.6	-0.2741+0.8444i	0.7636-0.8858i	0.5247+0.1582i	0.0143-0.2150i	-0.0535+0.1115i	-0.0696+0.1127i	-0.0733+0.1406i	-0.0791+0.1505i
16.7	-0.1543+0.9750i	0.6421-1.0189i	0.5620+0.1038i	-0.0293-0.1648i	-0.0369+0.1278i	-0.0534+0.1294i	-0.0521+0.1611i	-0.0565+0.1719i
16.8	-0.0076+1.0899i	0.4922-1.1283i	0.5592+0.0207i	-0.0342-0.0829i	-0.0171+0.1406i	-0.0331+0.1421i	-0.0269+0.1768i	-0.0292+0.1880i
16.9	0.2704+1.2419i	0.2112-1.2762i	0.5006-0.0672i	0.0166+0.0022i	0.0183+0.1568i	0.0027+0.1586i	0.0176+0.1967i	0.0179+0.2078i
17.0	0.5682+1.3010i	-0.0851-1.3362i	0.4559-0.0955i	0.0550+0.0295i	0.0545+0.1630i	0.0392+0.1646i	0.0633+0.2035i	0.0652+0.2147i
17.1	0.8831+1.0506i	-0.3999-1.0834i	0.4140-0.0896i	0.0881+0.0325i	0.0930+0.1311i	0.0777+0.1322i	0.1114+0.1627i	0.1148+0.1722i
17.2	0.9953+0.7969i	-0.5078-0.8223i	0.3733-0.1139i	0.1298+0.0687i	0.1055+0.0978i	0.0903+0.0989i	0.1259+0.1206i	0.1301+0.1280i
17.3	1.0344+0.6103i	-0.5414-0.6352i	0.3287-0.0880i	0.1794+0.0500i	0.1085+0.0748i	0.0934+0.0755i	0.1290+0.0915i	0.1329+0.0971i
17.4	1.0311+0.4523i	-0.5359-0.4786i	0.3127-0.0558i	0.1985+0.0218i	0.1068+0.0557i	0.0916+0.0564i	0.1269+0.0674i	0.1305+0.0721i
17.5	0.9702+0.2972i	-0.4730-0.3264i	0.3124-0.0339i	0.2035-0.0009i	0.0982+0.0370i	0.0830+0.0377i	0.1158+0.0442i	0.1191+0.0484i
17.6	0.9098+0.2216i	-0.4071-0.2490i	0.3140-0.0343i	0.2058-0.0013i	0.0903+0.0280i	0.0749+0.0288i	0.1054+0.0332i	0.1084+0.0367i
17.7	0.8614+0.1705i	-0.3567-0.1993i	0.3153-0.0312i	0.2116-0.0049i	0.0839+0.0220i	0.0685+0.0229i	0.0969+0.0259i	0.0998+0.0295i
17.8	0.8248+0.1242i	-0.3176-0.1554i	0.3109-0.0267i	0.2228-0.0110i	0.0789+0.0163i	0.0634+0.0173i	0.0902+0.0195i	0.0923+0.0226i
17.9	0.7852+0.0913i	-0.2732-0.1249i	0.3104-0.0278i	0.2263-0.0140i	0.0734+0.0125i	0.0578+0.0133i	0.0832+0.0151i	0.0843+0.0173i
18.0	0.7463+0.0522i	-0.2309-0.0883i	0.3100-0.0286i	0.2310-0.0151i	0.0680+0.0086i	0.0525+0.0097i	0.0763+0.0106i	0.0776+0.0124i
18.1	0.7146+0.0276i	-0.1978-0.0674i	0.3076-0.0278i	0.2361-0.0184i	0.0639+0.0066i	0.0484+0.0076i	0.0713+0.0081i	0.0725+0.0097i
18.2	0.6809+0.0015i	-0.1629-0.0440i	0.3006-0.0190i	0.2452-0.0280i	0.0596+0.0040i	0.0439+0.0049i	0.0660+0.0053i	0.0670+0.0066i

18.3	0.6498-0.0185i	-0.1311-0.0242i	0.2959-0.0097i	0.2486-0.0372i	0.0557+0.0019i	0.0402+0.0028i	0.0613+0.0027i	0.0625+0.0047i
18.4	0.6171-0.0188i	-0.0934-0.0241i	0.3008-0.0030i	0.2472-0.0440i	0.0523+0.0019i	0.0363+0.0030i	0.0566+0.0027i	0.0572+0.0045i
18.5	0.6019-0.0082i	-0.0694-0.0336i	0.3166+0.0074i	0.2422-0.0521i	0.0498+0.0026i	0.0335+0.0038i	0.0535+0.0034i	0.0535+0.0051i
18.6	0.6139-0.0097i	-0.0630-0.0375i	0.3433-0.0049i	0.2349-0.0529i	0.0484+0.0029i	0.0325+0.0039i	0.0512+0.0039i	0.0516+0.0058i
18.7	0.6058-0.0374i	-0.0562-0.0242i	0.3408-0.0209i	0.2370-0.0517i	0.0471+0.0017i	0.0317+0.0025i	0.0498+0.0022i	0.0502+0.0045i
18.8	0.5782-0.0697i	-0.0369-0.0062i	0.3285-0.0279i	0.2412-0.0573i	0.0446+0.0002i	0.0290+0.0006i	0.0472+0.0006i	0.0467+0.0025i
18.9	0.5568-0.0808i	-0.0208+0.0017i	0.3224-0.0325i	0.2438-0.0581i	0.0427-0.0005i	0.0272+0.0000i	0.0451+0.0005i	0.0440+0.0023i
19.0	0.5364-0.0912i	-0.0015+0.0046i	0.3211-0.0398i	0.2420-0.0562i	0.0407-0.0009i	0.0248-0.0004i	0.0427+0.0004i	0.0412+0.0025i
19.1	0.5167-0.0929i	0.0148+0.0028i	0.3205-0.0440i	0.2383-0.0552i	0.0393-0.0005i	0.0232-0.0002i	0.0411+0.0007i	0.0395+0.0030i
19.2	0.4992-0.0911i	0.0268+0.0025i	0.3180-0.0416i	0.2370-0.0565i	0.0378-0.0004i	0.0219+0.0001i	0.0391+0.0008i	0.0377+0.0036i
19.3	0.4893-0.0894i	0.0368-0.0007i	0.3129-0.0433i	0.2434-0.0579i	0.0364+0.0001i	0.0206+0.0004i	0.0376+0.0012i	0.0363+0.0038i
19.4	0.4806-0.0892i	0.0448-0.0032i	0.3072-0.0474i	0.2494-0.0573i	0.0355+0.0006i	0.0197+0.0010i	0.0364+0.0018i	0.0349+0.0046i
19.5	0.4693-0.0955i	0.0548-0.0024i	0.3056-0.0454i	0.2491-0.0620i	0.0348+0.0006i	0.0190+0.0011i	0.0355+0.0018i	0.0342+0.0042i
19.6	0.4560-0.0988i	0.0663-0.0051i	0.3054-0.0428i	0.2471-0.0670i	0.0338+0.0008i	0.0179+0.0011i	0.0345+0.0020i	0.0333+0.0051i
19.7	0.4458-0.0972i	0.0729-0.0064i	0.3014-0.0418i	0.2472-0.0714i	0.0327+0.0011i	0.0168+0.0019i	0.0334+0.0028i	0.0321+0.0063i
19.8	0.4386-0.0983i	0.0790-0.0064i	0.2971-0.0404i	0.2484-0.0792i	0.0324+0.0011i	0.0163+0.0020i	0.0330+0.0029i	0.0320+0.0064i
19.9	0.4236-0.1002i	0.0888-0.0073i	0.2969-0.0371i	0.2419-0.0840i	0.0316+0.0015i	0.0154+0.0024i	0.0320+0.0034i	0.0317+0.0071i
20.0	0.4115-0.1003i	0.0962-0.0095i	0.2992-0.0369i	0.2339-0.0858i	0.0311+0.0019i	0.0147+0.0028i	0.0310+0.0037i	0.0315+0.0078i
20.1	0.4018-0.0981i	0.1035-0.0121i	0.2993-0.0372i	0.2287-0.0860i	0.0304+0.0023i	0.0144+0.0027i	0.0302+0.0038i	0.0309+0.0082i
20.2	0.3931-0.0950i	0.1088-0.0173i	0.3009-0.0372i	0.2217-0.0883i	0.0301+0.0025i	0.0137+0.0026i	0.0297+0.0040i	0.0315+0.0085i
20.3	0.3860-0.0915i	0.1122-0.0199i	0.3014-0.0394i	0.2188-0.0833i	0.0298+0.0026i	0.0137+0.0027i	0.0295+0.0040i	0.0307+0.0087i
20.4	0.3798-0.0852i	0.1149-0.0213i	0.3015-0.0389i	0.2170-0.0778i	0.0296+0.0027i	0.0133+0.0032i	0.0292+0.0046i	0.0304+0.0089i
20.5	0.3751-0.0812i	0.1171-0.0227i	0.3004-0.0395i	0.2179-0.0748i	0.0297+0.0030i	0.0129+0.0035i	0.0293+0.0050i	0.0309+0.0088i
20.6	0.3706-0.0765i	0.1218-0.0246i	0.2982-0.0408i	0.2185-0.0724i	0.0295+0.0035i	0.0128+0.0034i	0.0288+0.0053i	0.0306+0.0088i
20.7	0.3676-0.0726i	0.1232-0.0284i	0.2981-0.0391i	0.2207-0.0716i	0.0291+0.0037i	0.0129+0.0035i	0.0286+0.0056i	0.0306+0.0087i
20.8	0.3665-0.0688i	0.1268-0.0297i	0.3004-0.0381i	0.2192-0.0675i	0.0290+0.0037i	0.0125+0.0038i	0.0282+0.0059i	0.0308+0.0085i
20.9	0.3659-0.0655i	0.1311-0.0327i	0.2981-0.0405i	0.2222-0.0670i	0.0289+0.0041i	0.0120+0.0045i	0.0279+0.0066i	0.0304+0.0092i
21.0	0.3662-0.0675i	0.1321-0.0342i	0.2991-0.0400i	0.2234-0.0712i	0.0286+0.0047i	0.0117+0.0050i	0.0277+0.0074i	0.0294+0.0102i
21.1	0.3643-0.0674i	0.1372-0.0359i	0.3019-0.0407i	0.2244-0.0706i	0.0285+0.0052i	0.0115+0.0057i	0.0273+0.0084i	0.0298+0.0107i
21.2	0.3634-0.0667i	0.1378-0.0391i	0.3040-0.0411i	0.2239-0.0726i	0.0281+0.0056i	0.0116+0.0062i	0.0273+0.0095i	0.0291+0.0114i
21.3	0.3665-0.0664i	0.1374-0.0414i	0.3055-0.0449i	0.2239-0.0770i	0.0279+0.0059i	0.0117+0.0067i	0.0282+0.0103i	0.0289+0.0112i
21.4	0.3603-0.0723i	0.1339-0.0474i	0.3051-0.0506i	0.2211-0.0807i	0.0290+0.0064i	0.0126+0.0075i	0.0299+0.0111i	0.0310+0.0122i
21.5	0.3552-0.0749i	0.1348-0.0508i	0.3022-0.0498i	0.2174-0.0844i	0.0300+0.0066i	0.0135+0.0075i	0.0311+0.0111i	0.0313+0.0130i
21.6	0.3520-0.0769i	0.1358-0.0530i	0.2968-0.0525i	0.2166-0.0837i	0.0304+0.0067i	0.0141+0.0077i	0.0323+0.0116i	0.0322+0.0134i
21.7	0.3477-0.0771i	0.1346-0.0567i	0.2923-0.0542i	0.2147-0.0813i	0.0311+0.0071i	0.0148+0.0077i	0.0338+0.0120i	0.0339+0.0146i
21.8	0.3424-0.0744i	0.1318-0.0598i	0.2890-0.0559i	0.2098-0.0847i	0.0322+0.0071i	0.0152+0.0076i	0.0349+0.0115i	0.0345+0.0150i
21.9	0.3388-0.0702i	0.1300-0.0580i	0.2878-0.0552i	0.2026-0.0840i	0.0329+0.0069i	0.0162+0.0074i	0.0364+0.0104i	0.0350+0.0142i
22.0	0.3323-0.0682i	0.1259-0.0579i	0.2840-0.0559i	0.1963-0.0775i	0.0337+0.0062i	0.0170+0.0068i	0.0379+0.0090i	0.0371+0.0128i
22.1	0.3270-0.0659i	0.1201-0.0556i	0.2788-0.0559i	0.1916-0.0716i	0.0345+0.0054i	0.0178+0.0063i	0.0391+0.0075i	0.0391+0.0123i
22.2	0.3240-0.0600i	0.1196-0.0584i	0.2762-0.0531i	0.1900-0.0686i	0.0350+0.0047i	0.0184+0.0054i	0.0389+0.0068i	0.0409+0.0105i
22.3	0.3201-0.0565i	0.1181-0.0562i	0.2717-0.0507i	0.1910-0.0660i	0.0353+0.0038i	0.0187+0.0044i	0.0395+0.0057i	0.0416+0.0088i
22.4	0.3187-0.0512i	0.1154-0.0514i	0.2688-0.0466i	0.1908-0.0625i	0.0357+0.0027i	0.0184+0.0031i	0.0403+0.0038i	0.0416+0.0066i
22.5	0.3198-0.0466i	0.1155-0.0490i	0.2687-0.0447i	0.1900-0.0574i	0.0357+0.0019i	0.0185+0.0023i	0.0406+0.0029i	0.0421+0.0044i
22.6	0.3203-0.0409i	0.1166-0.0438i	0.2697-0.0461i	0.1935-0.0504i	0.0356+0.0015i	0.0184+0.0016i	0.0399+0.0017i	0.0423+0.0038i
22.7	0.3212-0.0392i	0.1160-0.0359i	0.2687-0.0354i	0.1962-0.0454i	0.0352-0.0002i	0.0183+0.0003i	0.0396+0.0005i	0.0414+0.0018i
22.8	0.3248-0.0359i	0.1158-0.0347i	0.2697-0.0290i	0.1963-0.0428i	0.0350-0.0011i	0.0178-0.0002i	0.0391-0.0011i	0.0404+0.0004i
22.9	0.3270-0.0312i	0.1169-0.0295i	0.2737-0.0278i	0.2003-0.0397i	0.0346-0.0014i	0.0170-0.0009i	0.0384-0.0021i	0.0383-0.0009i
23.0	0.3259-0.0294i	0.1228-0.0295i	0.2782-0.0268i	0.2012-0.0354i	0.0337-0.0015i	0.0166-0.0010i	0.0382-0.0021i	0.0367-0.0011i
23.1	0.3305-0.0270i	0.1257-0.0254i	0.2770-0.0237i	0.2015-0.0307i	0.0334-0.0018i	0.0159-0.0016i	0.0375-0.0034i	0.0369-0.0016i
23.2	0.3314-0.0277i	0.1274-0.0206i	0.2803-0.0203i	0.2053-0.0277i	0.0335-0.0023i	0.0158-0.0016i	0.0365-0.0038i	0.0369-0.0024i
23.3	0.3342-0.0270i	0.1297-0.0184i	0.2848-0.0216i	0.2108-0.0263i	0.0330-0.0025i	0.0151-0.0014i	0.0353-0.0043i	0.0361-0.0028i
23.4	0.3367-0.0265i	0.1351-0.0189i	0.2888-0.0242i	0.2129-0.0250i	0.0325-0.0028i	0.0147-0.0018i	0.0344-0.0047i	0.0359-0.0032i
23.5	0.3378-0.0250i	0.1370-0.0191i	0.2941-0.0224i	0.2144-0.0265i	0.0324-0.0028i	0.0143-0.0020i	0.0341-0.0048i	0.0348-0.0035i
23.6	0.3420-0.0232i	0.1421-0.0190i	0.2940-0.0264i	0.2200-0.0237i	0.0312-0.0028i	0.0143-0.0019i	0.0332-0.0050i	0.0336-0.0032i
23.7	0.3442-0.0229i	0.1468-0.0217i	0.2949-0.0263i	0.2260-0.0233i	0.0306-0.0027i	0.0136-0.0018i	0.0326-0.0048i	0.0322-0.0023i
23.8	0.3424-0.0218i	0.1480-0.0219i	0.2984-0.0235i	0.2299-0.0224i	0.0300-0.0028i	0.0131-0.0014i	0.0321-0.0047i	0.0320-0.0016i
23.9	0.3452-0.0229i	0.1514-0.0218i	0.2964-0.0260i	0.2327-0.0246i	0.0300-0.0028i	0.0130-0.0016i	0.0310-0.0046i	0.0317-0.0014i
24.0	0.3466-0.0251i	0.1537-0.0268i	0.2994-0.0280i	0.2345-0.0251i	0.0296-0.0023i	0.0126-0.0015i	0.0302-0.0041i	0.0313-0.0014i
24.1	0.3508-0.0251i	0.1545-0.0272i	0.3010-0.0271i	0.2372-0.0256i	0.0292-0.0020i	0.0119-0.0013i	0.0298-0.0039i	0.0310-0.0013i
24.2	0.3526-0.0238i	0.1543-0.0275i	0.2992-0.0277i	0.2384-0.0268i	0.0292-0.0018i	0.0122-0.0008i	0.0299-0.0036i	0.0309-0.0001i
24.3	0.3535-0.0223i	0.1535-0.0314i	0.2994-0.0282i	0.2364-0.0304i	0.0295-0.0013i	0.0125-0.0008i	0.0304-0.0032i	0.0323+0.0002i
24.4	0.3560-0.0240i	0.1557-0.0314i	0.2975-0.0238i	0.2409-0.0314i	0.0295-0.0004i	0.0127+0.0001i	0.0303-0.0021i	0.0330+0.0013i
24.5	0.3573-0.0260i	0.1571-0.0318i	0.3025-0.0238i	0.2394-0.0312i	0.0295-0.0007i	0.0127-0.0004i	0.0301-0.0025i	0.0331+0.0015i

24.6	0.3596-0.0240i	0.1599-0.0316i	0.3083-0.0242i	0.2453-0.0305i	0.0296-0.0005i	0.0126-0.0001i	0.0306-0.0016i	0.0331+0.0021i
24.7	0.3631-0.0249i	0.1637-0.0318i	0.3069-0.0264i	0.2485-0.0289i	0.0297-0.0001i	0.0130+0.0002i	0.0308-0.0011i	0.0329+0.0018i
24.8	0.3636-0.0237i	0.1650-0.0350i	0.3092-0.0247i	0.2507-0.0317i	0.0301+0.0002i	0.0127+0.0005i	0.0310-0.0007i	0.0324+0.0020i
24.9	0.3656-0.0201i	0.1661-0.0395i	0.3135-0.0248i	0.2527-0.0356i	0.0304+0.0003i	0.0126+0.0008i	0.0312-0.0006i	0.0325+0.0021i
25.0	0.3684-0.0217i	0.1679-0.0431i	0.3156-0.0275i	0.2557-0.0360i	0.0303+0.0008i	0.0133+0.0009i	0.0310+0.0001i	0.0326+0.0025i
25.1	0.3710-0.0231i	0.1676-0.0457i	0.3166-0.0298i	0.2592-0.0385i	0.0306+0.0014i	0.0134+0.0013i	0.0313+0.0010i	0.0333+0.0033i
25.2	0.3738-0.0253i	0.1669-0.0531i	0.3191-0.0334i	0.2590-0.0422i	0.0310+0.0019i	0.0136+0.0014i	0.0322+0.0015i	0.0341+0.0042i
25.3	0.3741-0.0244i	0.1698-0.0556i	0.3209-0.0368i	0.2569-0.0446i	0.0309+0.0020i	0.0135+0.0020i	0.0317+0.0021i	0.0346+0.0051i
25.4	0.3763-0.0240i	0.1651-0.0563i	0.3186-0.0393i	0.2586-0.0448i	0.0321+0.0031i	0.0141+0.0025i	0.0335+0.0034i	0.0372+0.0057i
25.5	0.3803-0.0214i	0.1611-0.0613i	0.3188-0.0388i	0.2614-0.0446i	0.0330+0.0033i	0.0152+0.0028i	0.0352+0.0035i	0.0384+0.0066i
25.6	0.3830-0.0236i	0.1536-0.0656i	0.3209-0.0395i	0.2618-0.0500i	0.0345+0.0035i	0.0167+0.0029i	0.0374+0.0040i	0.0404+0.0065i
25.7	0.3898-0.0255i	0.1500-0.0730i	0.3224-0.0384i	0.2612-0.0542i	0.0359+0.0034i	0.0178+0.0029i	0.0391+0.0039i	0.0422+0.0055i
25.8	0.3917-0.0322i	0.1488-0.0748i	0.3244-0.0377i	0.2618-0.0555i	0.0363+0.0032i	0.0183+0.0028i	0.0395+0.0034i	0.0431+0.0049i
25.9	0.3958-0.0312i	0.1418-0.0783i	0.3262-0.0398i	0.2624-0.0558i	0.0373+0.0039i	0.0193+0.0029i	0.0415+0.0036i	0.0447+0.0057i
26.0	0.3990-0.0307i	0.1365-0.0795i	0.3267-0.0430i	0.2616-0.0568i	0.0390+0.0033i	0.0201+0.0020i	0.0433+0.0033i	0.0461+0.0052i
26.1	0.4044-0.0307i	0.1260-0.0806i	0.3257-0.0444i	0.2625-0.0606i	0.0401+0.0026i	0.0209+0.0010i	0.0452+0.0020i	0.0478+0.0031i
26.2	0.4100-0.0365i	0.1221-0.0781i	0.3292-0.0435i	0.2601-0.0619i	0.0418+0.0013i	0.0224-0.0001i	0.0468-0.0001i	0.0500+0.0013i
26.3	0.4115-0.0413i	0.1151-0.0768i	0.3319-0.0438i	0.2554-0.0656i	0.0427+0.0002i	0.0230-0.0013i	0.0478-0.0015i	0.0518-0.0011i
26.4	0.4143-0.0481i	0.1090-0.0727i	0.3322-0.0484i	0.2538-0.0677i	0.0434-0.0018i	0.0234-0.0025i	0.0495-0.0042i	0.0526-0.0028i
26.5	0.4160-0.0498i	0.1009-0.0701i	0.3326-0.0507i	0.2493-0.0668i	0.0439-0.0032i	0.0234-0.0041i	0.0499-0.0065i	0.0526-0.0051i
26.6	0.4160-0.0567i	0.0919-0.0650i	0.3317-0.0552i	0.2444-0.0667i	0.0432-0.0052i	0.0224-0.0060i	0.0488-0.0092i	0.0502-0.0095i
26.7	0.4130-0.0625i	0.0892-0.0620i	0.3316-0.0583i	0.2382-0.0624i	0.0418-0.0055i	0.0210-0.0059i	0.0473-0.0099i	0.0478-0.0093i
26.8	0.4112-0.0611i	0.0867-0.0558i	0.3304-0.0633i	0.2339-0.0586i	0.0414-0.0058i	0.0202-0.0054i	0.0464-0.0102i	0.0457-0.0089i
26.9	0.4157-0.0599i	0.0814-0.0541i	0.3322-0.0651i	0.2333-0.0527i	0.0416-0.0051i	0.0198-0.0052i	0.0460-0.0100i	0.0451-0.0070i
27.0	0.4217-0.0583i	0.0750-0.0456i	0.3330-0.0662i	0.2362-0.0498i	0.0423-0.0049i	0.0206-0.0048i	0.0471-0.0099i	0.0458-0.0057i
27.1	0.4237-0.0619i	0.0717-0.0367i	0.3322-0.0671i	0.2396-0.0459i	0.0430-0.0053i	0.0208-0.0050i	0.0479-0.0107i	0.0484-0.0052i
27.2	0.4280-0.0640i	0.0674-0.0296i	0.3314-0.0665i	0.2417-0.0429i	0.0437-0.0059i	0.0217-0.0053i	0.0485-0.0120i	0.0491-0.0057i
27.3	0.4340-0.0681i	0.0642-0.0212i	0.3294-0.0695i	0.2428-0.0399i	0.0441-0.0066i	0.0218-0.0051i	0.0488-0.0133i	0.0502-0.0061i
27.4	0.4373-0.0721i	0.0663-0.0120i	0.3288-0.0680i	0.2463-0.0351i	0.0445-0.0069i	0.0218-0.0053i	0.0489-0.0140i	0.0519-0.0059i
27.5	0.4415-0.0735i	0.0694-0.0078i	0.3335-0.0640i	0.2520-0.0302i	0.0448-0.0077i	0.0223-0.0057i	0.0492-0.0140i	0.0535-0.0072i
27.6	0.4461-0.0783i	0.0680-0.0051i	0.3361-0.0686i	0.2549-0.0324i	0.0456-0.0080i	0.0228-0.0057i	0.0496-0.0143i	0.0545-0.0079i
27.7	0.4497-0.0899i	0.0666+0.0045i	0.3366-0.0741i	0.2545-0.0290i	0.0461-0.0090i	0.0235-0.0063i	0.0500-0.0156i	0.0553-0.0092i
27.8	0.4542-0.0943i	0.0696+0.0172i	0.3342-0.0777i	0.2615-0.0230i	0.0465-0.0099i	0.0240-0.0072i	0.0501-0.0161i	0.0565-0.0107i
27.9	0.4562-0.0991i	0.0723+0.0199i	0.3327-0.0850i	0.2675-0.0198i	0.0469-0.0108i	0.0244-0.0077i	0.0508-0.0166i	0.0567-0.0123i
28.0	0.4599-0.1031i	0.0753+0.0211i	0.3310-0.0886i	0.2756-0.0206i	0.0469-0.0115i	0.0251-0.0079i	0.0516-0.0175i	0.0573-0.0133i
28.1	0.4659-0.1091i	0.0713+0.0224i	0.3271-0.0885i	0.2858-0.0269i	0.0473-0.0116i	0.0247-0.0076i	0.0520-0.0173i	0.0570-0.0126i
28.2	0.4671-0.1235i	0.0570+0.0391i	0.3156-0.0878i	0.2873-0.0328i	0.0493-0.0113i	0.0258-0.0067i	0.0541-0.0173i	0.0601-0.0120i
28.3	0.4620-0.1404i	0.0628+0.0652i	0.3101-0.0836i	0.2884-0.0337i	0.0508-0.0137i	0.0277-0.0075i	0.0575-0.0194i	0.0629-0.0141i
28.4	0.4544-0.1425i	0.0870+0.0741i	0.3124-0.0770i	0.2937-0.0331i	0.0505-0.0165i	0.0287-0.0100i	0.0586-0.0232i	0.0636-0.0177i
28.5	0.4556-0.1411i	0.0984+0.0705i	0.3193-0.0738i	0.2996-0.0354i	0.0497-0.0173i	0.0287-0.0111i	0.0575-0.0252i	0.0631-0.0189i
28.6	0.4555-0.1421i	0.1058+0.0706i	0.3231-0.0699i	0.3025-0.0429i	0.0501-0.0177i	0.0297-0.0120i	0.0577-0.0264i	0.0642-0.0199i
28.7	0.4565-0.1488i	0.1106+0.0684i	0.3243-0.0695i	0.3063-0.0477i	0.0509-0.0188i	0.0307-0.0136i	0.0586-0.0287i	0.0654-0.0228i
28.8	0.4586-0.1528i	0.1114+0.0672i	0.3255-0.0729i	0.3096-0.0548i	0.0510-0.0200i	0.0312-0.0149i	0.0591-0.0307i	0.0665-0.0247i
28.9	0.4609-0.1602i	0.1112+0.0678i	0.3263-0.0708i	0.3133-0.0632i	0.0514-0.0214i	0.0309-0.0166i	0.0590-0.0336i	0.0663-0.0276i
29.0	0.4652-0.1680i	0.1104+0.0662i	0.3295-0.0719i	0.3140-0.0662i	0.0515-0.0227i	0.0311-0.0185i	0.0591-0.0363i	0.0659-0.0300i
29.1	0.4672-0.1741i	0.1139+0.0685i	0.3345-0.0756i	0.3117-0.0682i	0.0522-0.0248i	0.0317-0.0200i	0.0594-0.0393i	0.0674-0.0327i
29.2	0.4673-0.1832i	0.1152+0.0758i	0.3361-0.0764i	0.3119-0.0703i	0.0524-0.0267i	0.0315-0.0216i	0.0588-0.0412i	0.0671-0.0349i
29.3	0.4676-0.1964i	0.1124+0.0846i	0.3411-0.0784i	0.3133-0.0800i	0.0518-0.0295i	0.0310-0.0242i	0.0581-0.0448i	0.0671-0.0391i
29.4	0.4623-0.2093i	0.1154+0.0923i	0.3422-0.0809i	0.3114-0.0838i	0.0516-0.0317i	0.0305-0.0262i	0.0572-0.0474i	0.0670-0.0430i
29.5	0.4606-0.2184i	0.1213+0.0973i	0.3421-0.0858i	0.3107-0.0842i	0.0507-0.0337i	0.0290-0.0275i	0.0546-0.0497i	0.0655-0.0458i
29.6	0.4545-0.2305i	0.1248+0.1039i	0.3446-0.0918i	0.3070-0.0903i	0.0493-0.0346i	0.0278-0.0283i	0.0527-0.0511i	0.0634-0.0485i
29.7	0.4499-0.2420i	0.1297+0.1062i	0.3406-0.0944i	0.3088-0.0960i	0.0478-0.0363i	0.0273-0.0295i	0.0519-0.0536i	0.0616-0.0506i
29.8	0.4427-0.2521i	0.1361+0.1149i	0.3394-0.0991i	0.3058-0.1013i	0.0458-0.0382i	0.0265-0.0309i	0.0495-0.0557i	0.0584-0.0535i
29.9	0.4213-0.2663i	0.1553+0.1289i	0.3337-0.1050i	0.2978-0.1062i	0.0435-0.0411i	0.0241-0.0336i	0.0459-0.0589i	0.0552-0.0577i
30.0	0.4113-0.2675i	0.1626+0.1216i	0.3368-0.1087i	0.2931-0.1069i	0.0419-0.0414i	0.0224-0.0339i	0.0427-0.0594i	0.0517-0.0579i
30.1	0.4001-0.2794i	0.1741+0.1218i	0.3355-0.1134i	0.2898-0.1120i	0.0394-0.0430i	0.0204-0.0359i	0.0401-0.0616i	0.0496-0.0605i
30.2	0.3836-0.2752i	0.1887+0.1143i	0.3271-0.1134i	0.2863-0.1172i	0.0357-0.0422i	0.0170-0.0360i	0.0354-0.0611i	0.0430-0.0618i
30.3	0.3713-0.2625i	0.1915+0.1055i	0.3251-0.1124i	0.2818-0.1163i	0.0321-0.0397i	0.0139-0.0335i	0.0314-0.0581i	0.0357-0.0567i
30.4	0.3715-0.2596i	0.1866+0.1007i	0.3264-0.1126i	0.2797-0.1154i	0.0310-0.0376i	0.0127-0.0317i	0.0303-0.0564i	0.0336-0.0515i
30.5	0.3693-0.2645i	0.1858+0.1065i	0.3225-0.1140i	0.2784-0.1121i	0.0316-0.0371i	0.0128-0.0307i	0.0295-0.0563i	0.0354-0.0482i
30.6	0.3511-0.2699i	0.1961+0.1136i	0.3132-0.1123i	0.2753-0.1153i	0.0314-0.0371i	0.0132-0.0300i	0.0278-0.0559i	0.0366-0.0479i
30.7	0.3412-0.2710i	0.2071+0.1151i	0.3130-0.1135i	0.2698-0.1184i	0.0301-0.0368i	0.0127-0.0291i	0.0257-0.0551i	0.0363-0.0479i
30.8	0.3326-0.2625i	0.2150+0.1143i	0.3092-0.1137i	0.2671-0.1151i	0.0284-0.0362i	0.0115-0.0292i	0.0238-0.0536i	0.0348-0.0479i

30.9	0.3214-0.2559i	0.2217+0.1081i	0.3071-0.1101i	0.2686-0.1127i	0.0283-0.0351i	0.0115-0.0281i	0.0239-0.0513i	0.0346-0.0457i
31.0	0.3136-0.2470i	0.2271+0.1051i	0.3053-0.1064i	0.2620-0.1102i	0.0279-0.0340i	0.0116-0.0273i	0.0236-0.0503i	0.0350-0.0447i
31.1	0.3106-0.2416i	0.2354+0.0996i	0.3067-0.1023i	0.2592-0.1097i	0.0274-0.0338i	0.0115-0.0273i	0.0227-0.0498i	0.0337-0.0440i
31.2	0.3083-0.2360i	0.2383+0.0904i	0.3069-0.0987i	0.2590-0.1077i	0.0265-0.0324i	0.0106-0.0263i	0.0221-0.0483i	0.0327-0.0422i
31.3	0.3083-0.2263i	0.2409+0.0836i	0.3088-0.0956i	0.2545-0.1068i	0.0261-0.0304i	0.0108-0.0248i	0.0222-0.0462i	0.0336-0.0395i
31.4	0.3066-0.2174i	0.2400+0.0780i	0.3094-0.0924i	0.2514-0.1045i	0.0265-0.0293i	0.0113-0.0237i	0.0226-0.0446i	0.0338-0.0372i
31.5	0.3094-0.2166i	0.2386+0.0713i	0.3089-0.0894i	0.2484-0.1007i	0.0279-0.0283i	0.0131-0.0231i	0.0242-0.0429i	0.0356-0.0354i
31.6	0.3130-0.2065i	0.2409+0.0667i	0.3139-0.0906i	0.2465-0.0935i	0.0286-0.0273i	0.0137-0.0226i	0.0262-0.0417i	0.0382-0.0338i
31.7	0.3153-0.2003i	0.2379+0.0634i	0.3170-0.0914i	0.2470-0.0928i	0.0296-0.0266i	0.0143-0.0219i	0.0279-0.0412i	0.0391-0.0327i
31.8	0.3194-0.1914i	0.2370+0.0575i	0.3209-0.0866i	0.2448-0.0898i	0.0319-0.0257i	0.0163-0.0212i	0.0301-0.0410i	0.0430-0.0314i
31.9	0.3209-0.1879i	0.2351+0.0547i	0.3200-0.0832i	0.2449-0.0928i	0.0326-0.0252i	0.0174-0.0212i	0.0312-0.0418i	0.0436-0.0314i
32.0	0.3250-0.1866i	0.2271+0.0499i	0.3237-0.0844i	0.2417-0.0900i	0.0339-0.0252i	0.0188-0.0213i	0.0327-0.0430i	0.0458-0.0311i
32.1	0.3313-0.1826i	0.2234+0.0478i	0.3301-0.0812i	0.2384-0.0808i	0.0350-0.0248i	0.0200-0.0216i	0.0337-0.0430i	0.0484-0.0304i
32.2	0.3384-0.1791i	0.2215+0.0510i	0.3331-0.0820i	0.2378-0.0773i	0.0355-0.0241i	0.0204-0.0215i	0.0340-0.0424i	0.0507-0.0296i
32.3	0.3419-0.1755i	0.2160+0.0575i	0.3331-0.0824i	0.2374-0.0666i	0.0369-0.0239i	0.0219-0.0218i	0.0352-0.0425i	0.0538-0.0290i
32.4	0.3455-0.1727i	0.2166+0.0591i	0.3422-0.0846i	0.2366-0.0571i	0.0389-0.0237i	0.0239-0.0217i	0.0365-0.0423i	0.0577-0.0273i
32.5	0.3555-0.1692i	0.2179+0.0595i	0.3459-0.0875i	0.2413-0.0480i	0.0404-0.0237i	0.0257-0.0220i	0.0374-0.0414i	0.0617-0.0295i
32.6	0.3654-0.1669i	0.2173+0.0596i	0.3505-0.0905i	0.2497-0.0358i	0.0431-0.0236i	0.0281-0.0229i	0.0403-0.0407i	0.0670-0.0308i
32.7	0.3809-0.1681i	0.2158+0.0626i	0.3560-0.1013i	0.2575-0.0292i	0.0457-0.0246i	0.0303-0.0237i	0.0435-0.0409i	0.0711-0.0325i
32.8	0.3968-0.1729i	0.2123+0.0665i	0.3598-0.1054i	0.2679-0.0242i	0.0484-0.0261i	0.0326-0.0253i	0.0474-0.0420i	0.0747-0.0372i
32.9	0.4142-0.1811i	0.2119+0.0684i	0.3578-0.1143i	0.2820-0.0121i	0.0514-0.0273i	0.0353-0.0269i	0.0521-0.0433i	0.0781-0.0420i
33.0	0.4334-0.1892i	0.2018+0.0669i	0.3535-0.1222i	0.3003-0.0055i	0.0549-0.0285i	0.0384-0.0277i	0.0590-0.0441i	0.0830-0.0438i
33.1	0.4465-0.2007i	0.1954+0.0719i	0.3450-0.1242i	0.3221-0.0095i	0.0571-0.0303i	0.0411-0.0302i	0.0649-0.0467i	0.0860-0.0477i
33.2	0.4581-0.2196i	0.1948+0.0819i	0.3372-0.1279i	0.3433-0.0157i	0.0603-0.0337i	0.0441-0.0337i	0.0706-0.0543i	0.0897-0.0518i
33.3	0.4629-0.2441i	0.1961+0.0886i	0.3301-0.1252i	0.3563-0.0330i	0.0632-0.0379i	0.0465-0.0382i	0.0736-0.0638i	0.0943-0.0558i
33.4	0.4638-0.2688i	0.1983+0.0985i	0.3291-0.1107i	0.3672-0.0544i	0.0646-0.0429i	0.0480-0.0443i	0.0750-0.0749i	0.0966-0.0629i
33.5	0.4572-0.2962i	0.2018+0.1058i	0.3234-0.1002i	0.3702-0.0714i	0.0654-0.0497i	0.0483-0.0522i	0.0749-0.0860i	0.0986-0.0736i
33.6	0.4477-0.3177i	0.2055+0.1151i	0.3293-0.0977i	0.3696-0.0903i	0.0648-0.0560i	0.0473-0.0592i	0.0711-0.0961i	0.0997-0.0823i
33.7	0.4298-0.3373i	0.2172+0.1213i	0.3350-0.0913i	0.3646-0.1090i	0.0612-0.0623i	0.0422-0.0653i	0.0623-0.1062i	0.0961-0.0923i
33.8	0.4128-0.3411i	0.2280+0.1221i	0.3380-0.0852i	0.3570-0.1175i	0.0545-0.0642i	0.0348-0.0672i	0.0505-0.1087i	0.0861-0.0960i
33.9	0.4029-0.3390i	0.2390+0.1209i	0.3526-0.0796i	0.3444-0.1277i	0.0501-0.0616i	0.0301-0.0645i	0.0426-0.1039i	0.0789-0.0939i
34.0	0.3984-0.3426i	0.2409+0.1216i	0.3669-0.0767i	0.3294-0.1294i	0.0504-0.0609i	0.0300-0.0638i	0.0427-0.1027i	0.0787-0.0926i
34.1	0.3947-0.3498i	0.2433+0.1194i	0.3809-0.0838i	0.3197-0.1284i	0.0509-0.0614i	0.0307-0.0649i	0.0430-0.1047i	0.0801-0.0942i
34.2	0.3884-0.3493i	0.2465+0.1176i	0.3894-0.0932i	0.3114-0.1279i	0.0508-0.0620i	0.0298-0.0648i	0.0417-0.1062i	0.0796-0.0949i
34.3	0.3824-0.3496i	0.2490+0.1155i	0.3856-0.0991i	0.3130-0.1218i	0.0500-0.0628i	0.0285-0.0654i	0.0397-0.1067i	0.0795-0.0964i
34.4	0.3836-0.3587i	0.2568+0.1199i	0.3912-0.1058i	0.3111-0.1154i	0.0521-0.0647i	0.0298-0.0680i	0.0408-0.1097i	0.0816-0.0982i
34.5	0.3894-0.3643i	0.2503+0.1237i	0.3934-0.1127i	0.3113-0.1151i	0.0536-0.0654i	0.0315-0.0686i	0.0411-0.1112i	0.0841-0.0999i
34.6	0.3858-0.3694i	0.2520+0.1257i	0.3980-0.1157i	0.3133-0.1108i	0.0541-0.0678i	0.0318-0.0715i	0.0410-0.1152i	0.0872-0.1032i
34.7	0.3852-0.3811i	0.2590+0.1328i	0.4040-0.1200i	0.3172-0.1128i	0.0548-0.0699i	0.0316-0.0742i	0.0401-0.1189i	0.0900-0.1073i
34.8	0.3829-0.3990i	0.2619+0.1428i	0.4064-0.1274i	0.3221-0.1131i	0.0557-0.0738i	0.0319-0.0775i	0.0390-0.1235i	0.0924-0.1127i
34.9	0.3776-0.4184i	0.2629+0.1446i	0.4144-0.1358i	0.3173-0.1101i	0.0569-0.0782i	0.0329-0.0811i	0.0390-0.1302i	0.0952-0.1191i
35.0	0.3729-0.4325i	0.2702+0.1530i	0.4184-0.1491i	0.3196-0.1141i	0.0574-0.0816i	0.0325-0.0847i	0.0377-0.1351i	0.0956-0.1252i
35.1	0.3642-0.4507i	0.2768+0.1561i	0.4215-0.1610i	0.3218-0.1164i	0.0571-0.0852i	0.0325-0.0891i	0.0342-0.1412i	0.0975-0.1315i
35.2	0.3597-0.4602i	0.2789+0.1590i	0.4202-0.1644i	0.3255-0.1112i	0.0579-0.0878i	0.0328-0.0922i	0.0326-0.1455i	0.1008-0.1360i
35.3	0.3525-0.4766i	0.2855+0.1658i	0.4187-0.1750i	0.3268-0.1130i	0.0577-0.0919i	0.0314-0.0965i	0.0291-0.1515i	0.1020-0.1419i
35.4	0.3361-0.4948i	0.2913+0.1723i	0.4212-0.1794i	0.3292-0.1133i	0.0575-0.0972i	0.0302-0.1014i	0.0254-0.1592i	0.1038-0.1506i
35.5	0.3201-0.5090i	0.3034+0.1770i	0.4178-0.1887i	0.3339-0.1170i	0.0554-0.1034i	0.0270-0.1069i	0.0194-0.1670i	0.1022-0.1613i
35.6	0.3044-0.5196i	0.3160+0.1785i	0.4135-0.1940i	0.3402-0.1238i	0.0530-0.1081i	0.0243-0.1119i	0.0133-0.1733i	0.0993-0.1702i
35.7	0.2793-0.5326i	0.3261+0.1812i	0.4133-0.2043i	0.3392-0.1264i	0.0504-0.1137i	0.0201-0.1173i	0.0048-0.1794i	0.0977-0.1792i
35.8	0.2593-0.5420i	0.3386+0.1874i	0.4180-0.2110i	0.3419-0.1319i	0.0473-0.1193i	0.0150-0.1228i	-0.0062-0.1858i	0.0961-0.1894i
35.9	0.2399-0.5541i	0.3485+0.1879i	0.4144-0.2206i	0.3432-0.1368i	0.0436-0.1238i	0.0108-0.1262i	-0.0161-0.1890i	0.0936-0.1980i
36.0	0.2101-0.5673i	0.3670+0.1956i	0.4105-0.2333i	0.3492-0.1396i	0.0385-0.1297i	0.0045-0.1323i	-0.0285-0.1930i	0.0879-0.2132i
36.1	0.1838-0.5715i	0.3825+0.1933i	0.4065-0.2417i	0.3481-0.1427i	0.0337-0.1347i	-0.0012-0.1362i	-0.0399-0.1961i	0.0811-0.2254i
36.2	0.1521-0.5655i	0.3960+0.1811i	0.4034-0.2494i	0.3446-0.1442i	0.0278-0.1366i	-0.0081-0.1371i	-0.0521-0.1940i	0.0736-0.2311i
36.3	0.1264-0.5638i	0.4104+0.1827i	0.3956-0.2573i	0.3445-0.1465i	0.0226-0.1395i	-0.0142-0.1388i	-0.0635-0.1930i	0.0670-0.2387i
36.4	0.1052-0.5647i	0.4219+0.1859i	0.3928-0.2694i	0.3466-0.1523i	0.0177-0.1429i	-0.0196-0.1414i	-0.0730-0.1925i	0.0606-0.2470i
36.5	0.0723-0.5460i	0.4384+0.1700i	0.3787-0.2825i	0.3521-0.1587i	0.0094-0.1447i	-0.0290-0.1414i	-0.0859-0.1851i	0.0472-0.2549i
36.6	0.0473-0.5306i	0.4480+0.1561i	0.3664-0.2861i	0.3520-0.1616i	0.0038-0.1450i	-0.0351-0.1404i	-0.0958-0.1796i	0.0401-0.2600i
36.7	0.0218-0.5101i	0.4611+0.1422i	0.3501-0.2894i	0.3491-0.1630i	-0.0038-0.1439i	-0.0428-0.1374i	-0.1087-0.1696i	0.0285-0.2642i
36.8	0.0136-0.4931i	0.4642+0.1331i	0.3423-0.2923i	0.3518-0.1692i	-0.0069-0.1427i	-0.0459-0.1353i	-0.1119-0.1617i	0.0223-0.2686i
36.9	-0.0056-0.4799i	0.4704+0.1237i	0.3268-0.2859i	0.3520-0.1792i	-0.0104-0.1436i	-0.0493-0.1341i	-0.1154-0.1530i	0.0165-0.2762i
37.0	-0.0114-0.4616i	0.4717+0.1111i	0.3161-0.2725i	0.3558-0.1859i	-0.0135-0.1413i	-0.0531-0.1314i	-0.1177-0.1432i	0.0073-0.2764i
37.1	-0.0143-0.4548i	0.4696+0.1039i	0.3245-0.2663i	0.3502-0.1960i	-0.0129-0.1416i	-0.0528-0.1311i	-0.1180-0.1375i	0.0086-0.2835i

37.2	-0.0217-0.4485i	0.4734+0.1044i	0.3269-0.2720i	0.3428-0.1980i	-0.0143-0.1458i	-0.0536-0.1339i	-0.1202-0.1347i	0.0076-0.2974i
37.3	-0.0330-0.4365i	0.4761+0.0996i	0.3219-0.2720i	0.3394-0.1986i	-0.0160-0.1487i	-0.0547-0.1366i	-0.1242-0.1292i	0.0068-0.3110i
37.4	-0.0440-0.4249i	0.4784+0.0917i	0.3211-0.2777i	0.3355-0.1962i	-0.0196-0.1519i	-0.0593-0.1383i	-0.1281-0.1243i	-0.0025-0.3231i
37.5	-0.0542-0.4130i	0.4878+0.0849i	0.3185-0.2889i	0.3359-0.1951i	-0.0275-0.1577i	-0.0674-0.1418i	-0.1309-0.1201i	-0.0261-0.3412i
37.6	-0.0728-0.4002i	0.4966+0.0817i	0.3023-0.2979i	0.3441-0.1932i	-0.0352-0.1625i	-0.0754-0.1452i	-0.1336-0.1110i	-0.0483-0.3633i
37.7	-0.0851-0.3901i	0.5040+0.0803i	0.2816-0.2979i	0.3491-0.1958i	-0.0419-0.1645i	-0.0810-0.1464i	-0.1324-0.1044i	-0.0683-0.3754i
37.8	-0.1020-0.3769i	0.5104+0.0765i	0.2640-0.2919i	0.3579-0.2098i	-0.0498-0.1676i	-0.0878-0.1491i	-0.1271-0.1005i	-0.0967-0.3872i
37.9	-0.1177-0.3638i	0.5134+0.0678i	0.2436-0.2696i	0.3647-0.2280i	-0.0602-0.1693i	-0.0987-0.1494i	-0.1249-0.0931i	-0.1328-0.3963i
38.0	-0.1284-0.3423i	0.5191+0.0554i	0.2381-0.2446i	0.3565-0.2486i	-0.0709-0.1695i	-0.1084-0.1478i	-0.1213-0.0883i	-0.1689-0.3984i
38.1	-0.1311-0.3138i	0.5266+0.0448i	0.2644-0.2180i	0.3352-0.2614i	-0.0830-0.1675i	-0.1199-0.1437i	-0.1127-0.0926i	-0.2128-0.3836i
38.2	-0.1242-0.2982i	0.5222+0.0452i	0.2801-0.2145i	0.3188-0.2584i	-0.0853-0.1646i	-0.1226-0.1403i	-0.1057-0.0969i	-0.2265-0.3699i
38.3	-0.1175-0.2804i	0.5285+0.0497i	0.2980-0.2161i	0.3080-0.2552i	-0.0912-0.1613i	-0.1279-0.1367i	-0.1032-0.1018i	-0.2462-0.3548i
38.4	-0.1126-0.2771i	0.5421+0.0451i	0.3241-0.2282i	0.2965-0.2426i	-0.0993-0.1622i	-0.1351-0.1349i	-0.0960-0.1117i	-0.2778-0.3411i
38.5	-0.1219-0.2748i	0.5523+0.0402i	0.3250-0.2531i	0.2952-0.2351i	-0.1098-0.1628i	-0.1449-0.1343i	-0.1025-0.1271i	-0.3025-0.3262i
38.6	-0.1333-0.2690i	0.5614+0.0306i	0.3209-0.2722i	0.2934-0.2343i	-0.1180-0.1606i	-0.1526-0.1314i	-0.1078-0.1383i	-0.3211-0.3066i
38.7	-0.1454-0.2562i	0.5796+0.0238i	0.3118-0.2805i	0.3003-0.2305i	-0.1273-0.1624i	-0.1610-0.1320i	-0.1155-0.1546i	-0.3421-0.2933i
38.8	-0.1547-0.2328i	0.5915+0.0062i	0.3038-0.2875i	0.2994-0.2328i	-0.1421-0.1586i	-0.1740-0.1259i	-0.1353-0.1666i	-0.3650-0.2658i
38.9	-0.1634-0.2183i	0.5958-0.0058i	0.2870-0.2920i	0.2996-0.2369i	-0.1515-0.1526i	-0.1810-0.1186i	-0.1497-0.1700i	-0.3763-0.2390i
39.0	-0.1712-0.2039i	0.6066-0.0302i	0.2697-0.2959i	0.3055-0.2480i	-0.1644-0.1453i	-0.1922-0.1100i	-0.1716-0.1733i	-0.3896-0.2114i
39.1	-0.1720-0.1750i	0.6087-0.0501i	0.2636-0.2927i	0.3009-0.2493i	-0.1751-0.1314i	-0.2016-0.0962i	-0.1988-0.1652i	-0.3926-0.1785i
39.2	-0.1689-0.1439i	0.6169-0.0744i	0.2625-0.2919i	0.2957-0.2480i	-0.1871-0.1188i	-0.2105-0.0827i	-0.2274-0.1518i	-0.3968-0.1508i
39.3	-0.1754-0.1266i	0.6248-0.0933i	0.2567-0.2893i	0.2950-0.2543i	-0.1974-0.1127i	-0.2189-0.0750i	-0.2483-0.1470i	-0.4028-0.1351i
39.4	-0.1666-0.1007i	0.6205-0.1191i	0.2502-0.2909i	0.2878-0.2617i	-0.2029-0.0982i	-0.2230-0.0602i	-0.2675-0.1267i	-0.3990-0.1096i
39.5	-0.1605-0.0720i	0.6156-0.1422i	0.2466-0.2945i	0.2800-0.2650i	-0.2090-0.0823i	-0.2270-0.0452i	-0.2848-0.1031i	-0.3969-0.0832i
39.6	-0.1547-0.0481i	0.6130-0.1618i	0.2367-0.2923i	0.2762-0.2670i	-0.2159-0.0676i	-0.2316-0.0312i	-0.3003-0.0817i	-0.3994-0.0602i
39.7	-0.1433-0.0225i	0.6070-0.1736i	0.2283-0.2873i	0.2703-0.2593i	-0.2196-0.0554i	-0.2337-0.0199i	-0.3088-0.0602i	-0.3992-0.0448i
39.8	-0.1202-0.0107i	0.5916-0.1936i	0.2198-0.2782i	0.2782-0.2620i	-0.2164-0.0377i	-0.2294-0.0030i	-0.3008-0.0330i	-0.3947-0.0169i
39.9	-0.0974-0.0026i	0.5817-0.2156i	0.2194-0.2771i	0.2693-0.2645i	-0.2121-0.0223i	-0.2231+0.0114i	-0.2976-0.0120i	-0.3825+0.0074i
40.0	-0.0782+0.0140i	0.5656-0.2319i	0.2197-0.2707i	0.2600-0.2684i	-0.2084-0.0066i	-0.2177+0.0269i	-0.2983+0.0108i	-0.3673+0.0322i
40.1	-0.0666+0.0263i	0.5545-0.2478i	0.2167-0.2663i	0.2557-0.2699i	-0.2028+0.0065i	-0.2113+0.0383i	-0.2938+0.0320i	-0.3510+0.0475i
40.2	-0.0409+0.0363i	0.5310-0.2612i	0.2125-0.2601i	0.2468-0.2709i	-0.1913+0.0187i	-0.1993+0.0491i	-0.2797+0.0529i	-0.3260+0.0598i
40.3	-0.0272+0.0368i	0.5177-0.2682i	0.2166-0.2642i	0.2431-0.2762i	-0.1859+0.0242i	-0.1926+0.0539i	-0.2751+0.0641i	-0.3141+0.0642i
40.4	-0.0209+0.0366i	0.5100-0.2683i	0.2190-0.2708i	0.2364-0.2776i	-0.1820+0.0274i	-0.1879+0.0565i	-0.2690+0.0729i	-0.3079+0.0653i
40.5	-0.0058+0.0470i	0.4920-0.2712i	0.2151-0.2691i	0.2352-0.2686i	-0.1760+0.0334i	-0.1813+0.0614i	-0.2591+0.0840i	-0.2976+0.0713i
40.6	0.0048+0.0489i	0.4814-0.2772i	0.2046-0.2648i	0.2306-0.2612i	-0.1717+0.0400i	-0.1762+0.0674i	-0.2526+0.0976i	-0.2890+0.0783i
40.7	0.0178+0.0530i	0.4775-0.2816i	0.2013-0.2636i	0.2239-0.2585i	-0.1692+0.0458i	-0.1726+0.0720i	-0.2470+0.1074i	-0.2853+0.0843i
40.8	0.0276+0.0582i	0.4655-0.2864i	0.1955-0.2672i	0.2261-0.2581i	-0.1621+0.0524i	-0.1652+0.0777i	-0.2353+0.1185i	-0.2762+0.0930i
40.9	0.0380+0.0579i	0.4520-0.2924i	0.1974-0.2593i	0.2275-0.2545i	-0.1540+0.0571i	-0.1577+0.0810i	-0.2233+0.1278i	-0.2619+0.0977i
41.0	0.0517+0.0597i	0.4405-0.2978i	0.1944-0.2581i	0.2251-0.2501i	-0.1500+0.0625i	-0.1529+0.0865i	-0.2155+0.1393i	-0.2539+0.1008i
41.1	0.0735+0.0617i	0.4204-0.2990i	0.1893-0.2571i	0.2293-0.2506i	-0.1405+0.0661i	-0.1438+0.0898i	-0.1968+0.1469i	-0.2460+0.1034i
41.2	0.0823+0.0601i	0.4189-0.3025i	0.1891-0.2486i	0.2287-0.2572i	-0.1354+0.0691i	-0.1394+0.0913i	-0.1865+0.1493i	-0.2404+0.1077i
41.3	0.0966+0.0613i	0.3985-0.3071i	0.1878-0.2425i	0.2122-0.2616i	-0.1251+0.0723i	-0.1291+0.0948i	-0.1697+0.1534i	-0.2224+0.1140i
41.4	0.1112+0.0546i	0.3816-0.2992i	0.1893-0.2410i	0.2093-0.2486i	-0.1170+0.0712i	-0.1203+0.0917i	-0.1588+0.1525i	-0.2094+0.1104i
41.5	0.1259+0.0488i	0.3741-0.2960i	0.1867-0.2507i	0.2169-0.2434i	-0.1135+0.0735i	-0.1169+0.0929i	-0.1509+0.1617i	-0.2070+0.1073i
41.6	0.1299+0.0453i	0.3614-0.2870i	0.1815-0.2459i	0.2251-0.2450i	-0.1081+0.0727i	-0.1107+0.0907i	-0.1361+0.1598i	-0.2043+0.1029i
41.7	0.1368+0.0397i	0.3547-0.2862i	0.1769-0.2379i	0.2349-0.2433i	-0.1041+0.0713i	-0.1082+0.0889i	-0.1250+0.1570i	-0.2048+0.0999i
41.8	0.1497+0.0353i	0.3375-0.2833i	0.1761-0.2239i	0.2271-0.2574i	-0.0981+0.0707i	-0.1026+0.0881i	-0.1101+0.1551i	-0.2013+0.0991i
41.9	0.1558+0.0289i	0.3398-0.2669i	0.1822-0.2119i	0.2238-0.2532i	-0.0967+0.0633i	-0.1021+0.0821i	-0.1039+0.1392i	-0.2046+0.0938i
42.0	0.1658+0.0276i	0.3511-0.2632i	0.2012-0.2236i	0.2344-0.2518i	-0.0997+0.0655i	-0.1063+0.0840i	-0.1066+0.1371i	-0.2134+0.1037i
42.1	0.1702+0.0247i	0.3410-0.2660i	0.2028-0.2331i	0.2346-0.2552i	-0.0964+0.0688i	-0.1033+0.0874i	-0.1016+0.1391i	-0.2084+0.1117i
42.2	0.1753+0.0194i	0.3295-0.2686i	0.1874-0.2328i	0.2409-0.2659i	-0.0925+0.0706i	-0.0987+0.0888i	-0.0942+0.1368i	-0.2024+0.1200i
42.3	0.1783+0.0102i	0.3320-0.2600i	0.1879-0.2219i	0.2461-0.2713i	-0.0927+0.0685i	-0.0992+0.0874i	-0.0971+0.1309i	-0.2018+0.1203i
42.4	0.1800+0.0093i	0.3328-0.2684i	0.1967-0.2269i	0.2470-0.2907i	-0.0929+0.0730i	-0.1002+0.0929i	-0.0985+0.1397i	-0.2014+0.1247i
42.5	0.1825+0.0059i	0.3194-0.2807i	0.2037-0.2311i	0.2325-0.3127i	-0.0898+0.0771i	-0.0961+0.0975i	-0.0915+0.1453i	-0.1964+0.1347i
42.6	0.1909+0.0069i	0.3118-0.2750i	0.1927-0.2431i	0.2169-0.3066i	-0.0865+0.0777i	-0.0908+0.0993i	-0.0829+0.1445i	-0.1908+0.1377i
42.7	0.2043-0.0011i	0.2957-0.2755i	0.1779-0.2377i	0.2042-0.3092i	-0.0784+0.0805i	-0.0826+0.1023i	-0.0663+0.1442i	-0.1822+0.1447i
42.8	0.2043-0.0069i	0.2816-0.2481i	0.1701-0.2209i	0.2018-0.2961i	-0.0740+0.0730i	-0.0777+0.0934i	-0.0583+0.1260i	-0.1781+0.1394i
42.9	0.1948-0.0112i	0.3021-0.2409i	0.1949-0.2168i	0.2128-0.2978i	-0.0827+0.0731i	-0.0871+0.0933i	-0.0734+0.1197i	-0.1896+0.1495i
43.0	0.2031-0.0096i	0.3154-0.2696i	0.2042-0.2248i	0.2133-0.3289i	-0.0849+0.0826i	-0.0888+0.1057i	-0.0817+0.1277i	-0.1853+0.1733i
43.1	0.2045-0.0071i	0.2994-0.2879i	0.2048-0.2378i	0.1836-0.3447i	-0.0782+0.0908i	-0.0803+0.1142i	-0.0776+0.1362i	-0.1649+0.1856i
43.2	0.2186-0.0075i	0.2819-0.2931i	0.2022-0.2563i	0.1568-0.3434i	-0.0688+0.0928i	-0.0690+0.1159i	-0.0680+0.1393i	-0.1459+0.1893i
43.3	0.2343-0.0196i	0.2568-0.2755i	0.1901-0.2566i	0.1265-0.3225i	-0.0602+0.0883i	-0.0567+0.1102i	-0.0581+0.1308i	-0.1276+0.1854i
43.4	0.2205-0.0374i	0.2585-0.2501i	0.1806-0.2604i	0.1453-0.2988i	-0.0613+0.0818i	-0.0583+0.1040i	-0.0647+0.1222i	-0.1225+0.1722i

43.5	0.2164-0.0353i	0.2790-0.2550i	0.1873-0.2603i	0.1639-0.3014i	-0.0681+0.0845i	-0.0660+0.1047i	-0.0780+0.1279i	-0.1318+0.1700i
43.6	0.2295-0.0334i	0.2833-0.2859i	0.1946-0.2749i	0.1699-0.3200i	-0.0699+0.0948i	-0.0673+0.1151i	-0.0805+0.1483i	-0.1340+0.1844i
43.7	0.2425-0.0406i	0.2535-0.2993i	0.1853-0.2969i	0.1378-0.3401i	-0.0605+0.1035i	-0.0550+0.1261i	-0.0644+0.1657i	-0.1155+0.1973i
43.8	0.2435-0.0491i	0.2304-0.2940i	0.1593-0.3094i	0.1172-0.3372i	-0.0514+0.1054i	-0.0440+0.1275i	-0.0497+0.1685i	-0.0995+0.1988i
43.9	0.2407-0.0591i	0.2068-0.2779i	0.1246-0.2969i	0.1040-0.3289i	-0.0427+0.1012i	-0.0337+0.1213i	-0.0349+0.1620i	-0.0841+0.1915i
44.0	0.2368-0.0757i	0.1945-0.2509i	0.0868-0.2709i	0.0996-0.3219i	-0.0342+0.0952i	-0.0239+0.1129i	-0.0223+0.1488i	-0.0682+0.1832i
44.1	0.2367-0.0848i	0.1919-0.2378i	0.0936-0.2474i	0.0846-0.3188i	-0.0338+0.0919i	-0.0232+0.1075i	-0.0275+0.1439i	-0.0632+0.1743i
44.2	0.2354-0.0838i	0.2018-0.2385i	0.1027-0.2419i	0.0779-0.3177i	-0.0362+0.0950i	-0.0254+0.1092i	-0.0285+0.1562i	-0.0695+0.1712i
44.3	0.2239-0.0926i	0.1780-0.2288i	0.1023-0.2290i	0.0364-0.3203i	-0.0266+0.0963i	-0.0150+0.1086i	-0.0104+0.1548i	-0.0552+0.1727i
44.4	0.2231-0.0966i	0.1696-0.2103i	0.1033-0.2271i	0.0196-0.2899i	-0.0221+0.0912i	-0.0108+0.1022i	-0.0052+0.1472i	-0.0458+0.1626i
44.5	0.2195-0.1015i	0.1723-0.1964i	0.0886-0.2390i	0.0326-0.2585i	-0.0195+0.0891i	-0.0085+0.0978i	0.0020+0.1456i	-0.0453+0.1543i
44.6	0.2221-0.1104i	0.1698-0.1777i	0.0820-0.2257i	0.0338-0.2453i	-0.0156+0.0866i	-0.0044+0.0936i	0.0109+0.1409i	-0.0422+0.1496i
44.7	0.2115-0.1089i	0.1833-0.1609i	0.0835-0.2135i	0.0376-0.2256i	-0.0160+0.0811i	-0.0056+0.0878i	0.0103+0.1297i	-0.0427+0.1450i
44.8	0.2023-0.1156i	0.1860-0.1529i	0.0708-0.2077i	0.0454-0.2108i	-0.0135+0.0786i	-0.0040+0.0826i	0.0157+0.1245i	-0.0415+0.1389i
44.9	0.1959-0.1134i	0.1967-0.1440i	0.0584-0.1890i	0.0722-0.2049i	-0.0146+0.0747i	-0.0059+0.0777i	0.0184+0.1157i	-0.0468+0.1341i
45.0	0.1894-0.1075i	0.2155-0.1411i	0.0690-0.1618i	0.0852-0.2262i	-0.0177+0.0758i	-0.0104+0.0784i	0.0123+0.1129i	-0.0521+0.1391i
45.1	0.1918-0.1073i	0.2141-0.1384i	0.0826-0.1481i	0.0657-0.2310i	-0.0141+0.0762i	-0.0076+0.0785i	0.0151+0.1123i	-0.0446+0.1413i
45.2	0.1910-0.1094i	0.2159-0.1383i	0.0906-0.1388i	0.0719-0.2334i	-0.0145+0.0749i	-0.0081+0.0769i	0.0147+0.1097i	-0.0477+0.1405i
45.3	0.1893-0.1197i	0.2174-0.1474i	0.0916-0.1349i	0.0635-0.2453i	-0.0125+0.0770i	-0.0071+0.0789i	0.0207+0.1096i	-0.0447+0.1464i
45.4	0.1802-0.1103i	0.2129-0.1325i	0.0924-0.1393i	0.0440-0.2409i	-0.0073+0.0756i	-0.0003+0.0782i	0.0275+0.1019i	-0.0322+0.1496i
45.5	0.1803-0.1157i	0.2164-0.1302i	0.1015-0.1171i	0.0395-0.2217i	-0.0057+0.0697i	0.0014+0.0715i	0.0256+0.0892i	-0.0246+0.1419i
45.6	0.1848-0.1039i	0.2364-0.1294i	0.1265-0.1161i	0.0474-0.2173i	-0.0108+0.0686i	-0.0055+0.0701i	0.0144+0.0879i	-0.0309+0.1405i
45.7	0.1838-0.1030i	0.2281-0.1369i	0.1229-0.1111i	0.0354-0.2282i	-0.0063+0.0744i	0.0001+0.0744i	0.0187+0.0930i	-0.0201+0.1494i
45.8	0.1858-0.1088i	0.2297-0.1301i	0.1549-0.0938i	0.0081-0.2226i	-0.0035+0.0705i	0.0027+0.0696i	0.0178+0.0865i	-0.0090+0.1402i
45.9	0.1771-0.1047i	0.2325-0.1273i	0.1775-0.1213i	-0.0088-0.2034i	-0.0050+0.0690i	0.0000+0.0677i	0.0105+0.0894i	-0.0089+0.1323i
46.0	0.1748-0.1011i	0.2255-0.1302i	0.1710-0.1324i	-0.0110-0.1833i	-0.0032+0.0693i	0.0013+0.0674i	0.0170+0.0926i	-0.0092+0.1283i
46.1	0.1814-0.1017i	0.2405-0.1371i	0.1780-0.1477i	-0.0106-0.1706i	-0.0012+0.0708i	0.0047+0.0677i	0.0217+0.0911i	-0.0075+0.1330i
46.2	0.1827-0.1052i	0.2418-0.1300i	0.1690-0.1687i	0.0118-0.1435i	0.0023+0.0689i	0.0077+0.0652i	0.0243+0.0849i	-0.0011+0.1327i
46.3	0.1753-0.1074i	0.2277-0.1253i	0.1519-0.1448i	0.0180-0.1417i	0.0066+0.0659i	0.0108+0.0603i	0.0237+0.0767i	0.0107+0.1290i
46.4	0.1690-0.1101i	0.2177-0.1208i	0.1618-0.1442i	-0.0241-0.1168i	0.0070+0.0622i	0.0107+0.0560i	0.0168+0.0738i	0.0205+0.1142i
46.5	0.1730-0.1165i	0.2293-0.1203i	0.1543-0.1802i	0.0036-0.0922i	0.0056+0.0599i	0.0081+0.0531i	0.0155+0.0773i	0.0183+0.1052i
46.6	0.1761-0.1231i	0.2458-0.1217i	0.1516-0.1843i	0.0508-0.1001i	0.0058+0.0599i	0.0070+0.0530i	0.0168+0.0837i	0.0131+0.1044i
46.7	0.1676-0.1169i	0.2426-0.1066i	0.1409-0.1592i	0.0682-0.1010i	0.0062+0.0572i	0.0053+0.0502i	0.0163+0.0784i	0.0110+0.0966i
46.8	0.1635-0.1156i	0.2623-0.1089i	0.1567-0.1500i	0.0612-0.1103i	0.0025+0.0580i	0.0022+0.0530i	0.0105+0.0831i	0.0040+0.0963i
46.9	0.1524-0.1152i	0.2582-0.1185i	0.1607-0.1644i	0.0374-0.1010i	0.0053+0.0597i	0.0052+0.0544i	0.0152+0.0853i	0.0086+0.0972i
47.0	0.1534-0.1168i	0.2515-0.1245i	0.1535-0.1833i	0.0375-0.0810i	0.0074+0.0581i	0.0062+0.0516i	0.0179+0.0829i	0.0128+0.0904i
47.1	0.1484-0.1123i	0.2581-0.1180i	0.1164-0.1848i	0.0739-0.0745i	0.0074+0.0568i	0.0051+0.0501i	0.0186+0.0852i	0.0064+0.0836i
47.2	0.1351-0.1098i	0.2502-0.1222i	0.1041-0.1770i	0.0846-0.0950i	0.0098+0.0586i	0.0062+0.0534i	0.0265+0.0896i	0.0080+0.0876i
47.3	0.1339-0.1046i	0.2518-0.1215i	0.1064-0.1558i	0.0686-0.1024i	0.0136+0.0569i	0.0101+0.0502i	0.0353+0.0836i	0.0126+0.0879i
47.4	0.1298-0.0917i	0.2526-0.1020i	0.1086-0.1415i	0.0671-0.0902i	0.0154+0.0519i	0.0113+0.0460i	0.0384+0.0755i	0.0148+0.0794i
47.5	0.1354-0.0879i	0.2572-0.0932i	0.1172-0.1412i	0.0744-0.0786i	0.0149+0.0482i	0.0101+0.0428i	0.0365+0.0714i	0.0136+0.0741i
47.6	0.1295-0.0775i	0.2708-0.0848i	0.1367-0.1493i	0.0998-0.0709i	0.0144+0.0465i	0.0087+0.0406i	0.0370+0.0686i	0.0140+0.0691i
47.7	0.1191-0.0674i	0.2687-0.0766i	0.1380-0.1410i	0.1581-0.0775i	0.0153+0.0455i	0.0093+0.0405i	0.0436+0.0655i	0.0214+0.0633i
47.8	0.1222-0.0748i	0.2804-0.1044i	0.1046-0.1245i	0.1198-0.1228i	0.0106+0.0439i	0.0045+0.0400i	0.0337+0.0651i	0.0034+0.0614i
47.9	0.1195-0.0656i	0.2730-0.1121i	0.1093-0.1075i	0.0875-0.1083i	0.0093+0.0454i	0.0048+0.0415i	0.0319+0.0675i	-0.0018+0.0696i
48.0	0.1221-0.0533i	0.2642-0.0997i	0.1124-0.1176i	0.0902-0.0871i	0.0105+0.0453i	0.0069+0.0414i	0.0349+0.0680i	0.0006+0.0681i
48.1	0.1367-0.0384i	0.2728-0.0941i	0.1065-0.1138i	0.1040-0.0963i	0.0123+0.0439i	0.0083+0.0400i	0.0397+0.0670i	0.0006+0.0651i
48.2	0.1307-0.0474i	0.2736-0.1067i	0.1140-0.1142i	0.0915-0.0964i	0.0113+0.0424i	0.0069+0.0396i	0.0397+0.0635i	-0.0034+0.0639i
48.3	0.1281-0.0540i	0.2697-0.1115i	0.1093-0.1083i	0.0971-0.0995i	0.0117+0.0416i	0.0076+0.0388i	0.0427+0.0600i	-0.0035+0.0633i
48.4	0.1350-0.0473i	0.2845-0.1072i	0.1174-0.0915i	0.1028-0.1023i	0.0121+0.0387i	0.0082+0.0362i	0.0447+0.0543i	0.0015+0.0635i
48.5	0.1394-0.0491i	0.2917-0.0996i	0.1266-0.0874i	0.0983-0.1003i	0.0111+0.0372i	0.0069+0.0339i	0.0421+0.0511i	0.0017+0.0589i
48.6	0.1383-0.0381i	0.3043-0.0997i	0.1396-0.0889i	0.0951-0.0880i	0.0093+0.0382i	0.0051+0.0344i	0.0404+0.0510i	-0.0040+0.0614i
48.7	0.1430-0.0285i	0.3131-0.1059i	0.1325-0.0828i	0.0949-0.0791i	0.0076+0.0375i	0.0049+0.0344i	0.0379+0.0490i	-0.0098+0.0637i
48.8	0.1512-0.0226i	0.3150-0.1103i	0.1340-0.0789i	0.1103-0.0794i	0.0079+0.0366i	0.0047+0.0335i	0.0404+0.0467i	-0.0076+0.0618i
48.9	0.1418-0.0295i	0.3079-0.1152i	0.1301-0.0738i	0.1105-0.0894i	0.0083+0.0373i	0.0053+0.0328i	0.0425+0.0434i	-0.0078+0.0627i
49.0	0.1464-0.0159i	0.3075-0.1150i	0.1373-0.0513i	0.1019-0.0919i	0.0073+0.0375i	0.0052+0.0332i	0.0398+0.0419i	-0.0091+0.0674i
49.1	0.1510-0.0088i	0.3081-0.1040i	0.1555-0.0395i	0.0908-0.0775i	0.0061+0.0387i	0.0030+0.0332i	0.0338+0.0420i	-0.0108+0.0700i
49.2	0.1611-0.0075i	0.3185-0.1067i	0.1755-0.0556i	0.0961-0.0623i	0.0067+0.0393i	0.0036+0.0339i	0.0353+0.0421i	-0.0089+0.0712i
49.3	0.1689-0.0159i	0.3133-0.1254i	0.1881-0.0778i	0.0981-0.0644i	0.0073+0.0376i	0.0052+0.0301i	0.0357+0.0369i	-0.0031+0.0642i
49.4	0.1563-0.0162i	0.2982-0.1266i	0.1519-0.0792i	0.0827-0.0559i	0.0035+0.0375i	0.0022+0.0302i	0.0286+0.0367i	-0.0121+0.0632i
49.5	0.1533-0.0095i	0.3004-0.1157i	0.1452-0.0675i	0.0805-0.0438i	0.0029+0.0381i	0.0012+0.0313i	0.0284+0.0382i	-0.0172+0.0664i
49.6	0.1952+0.0094i	0.3505-0.1193i	0.2221-0.0231i	0.1343-0.0015i	0.0093+0.0426i	0.0060+0.0347i	0.0449+0.0451i	0.0048+0.0812i
49.7	0.1913-0.0120i	0.3252-0.1503i	0.2197-0.0766i	0.1188-0.0511i	0.0079+0.0368i	0.0063+0.0289i	0.0378+0.0320i	0.0025+0.0638i

49.8	0.1767-0.0221i	0.3084-0.1443i	0.1867-0.0999i	0.0905-0.0598i	0.0035+0.0346i	0.0008+0.0266i	0.0245+0.0291i	-0.0110+0.0544i
49.9	0.1949-0.0052i	0.3341-0.1383i	0.2007-0.0928i	0.1126-0.0433i	0.0053+0.0386i	0.0020+0.0288i	0.0308+0.0358i	-0.0053+0.0640i
50.0	0.2091+0.0045i	0.3547-0.1371i	0.2256-0.0829i	0.1357-0.0402i	0.0094+0.0407i	0.0064+0.0304i	0.0395+0.0371i	0.0057+0.0708i
50.1	0.1980-0.0025i	0.3280-0.1432i	0.2042-0.0844i	0.1141-0.0225i	0.0065+0.0407i	0.0044+0.0295i	0.0329+0.0373i	-0.0015+0.0724i
50.2	0.1841-0.0019i	0.3150-0.1427i	0.1846-0.0815i	0.1076-0.0203i	0.0068+0.0397i	0.0029+0.0274i	0.0277+0.0350i	-0.0055+0.0691i
50.3	0.1897+0.0041i	0.3260-0.1333i	0.1985-0.0815i	0.1264-0.0177i	0.0085+0.0380i	0.0030+0.0257i	0.0291+0.0325i	-0.0016+0.0680i
50.4	0.1961-0.0010i	0.3192-0.1364i	0.2124-0.0813i	0.1353-0.0199i	0.0077+0.0365i	0.0011+0.0254i	0.0292+0.0275i	-0.0009+0.0635i
50.5	0.1869-0.0123i	0.2979-0.1394i	0.1999-0.0871i	0.1060-0.0115i	0.0050+0.0376i	-0.0000+0.0251i	0.0231+0.0273i	-0.0042+0.0627i
50.6	0.1707-0.0021i	0.2799-0.1417i	0.1834-0.1024i	0.0921-0.0001i	0.0015+0.0395i	-0.0024+0.0249i	0.0158+0.0293i	-0.0151+0.0647i
50.7	0.1898+0.0067i	0.3049-0.1497i	0.2028-0.0990i	0.1231+0.0088i	0.0054+0.0385i	-0.0004+0.0243i	0.0222+0.0292i	-0.0083+0.0642i
50.8	0.2044+0.0077i	0.3244-0.1481i	0.2019-0.0984i	0.1489+0.0070i	0.0067+0.0387i	-0.0006+0.0249i	0.0237+0.0294i	-0.0040+0.0673i
50.9	0.2058+0.0073i	0.3291-0.1544i	0.1942-0.0951i	0.1529+0.0097i	0.0058+0.0402i	-0.0014+0.0265i	0.0208+0.0323i	-0.0066+0.0700i
51.0	0.2105+0.0051i	0.3250-0.1590i	0.1998-0.0961i	0.1654+0.0134i	0.0071+0.0396i	-0.0011+0.0256i	0.0226+0.0313i	-0.0061+0.0688i
51.1	0.2052+0.0162i	0.3169-0.1470i	0.1952-0.0974i	0.1637+0.0215i	0.0077+0.0408i	-0.0019+0.0255i	0.0197+0.0315i	-0.0057+0.0678i
51.2	0.2176+0.0145i	0.3380-0.1537i	0.1838-0.0921i	0.1697+0.0336i	0.0062+0.0419i	-0.0021+0.0256i	0.0197+0.0341i	-0.0078+0.0693i
51.3	0.2226+0.0197i	0.3337-0.1647i	0.1810-0.0728i	0.1786+0.0241i	0.0067+0.0430i	-0.0019+0.0259i	0.0203+0.0352i	-0.0071+0.0749i
51.4	0.2165+0.0160i	0.3132-0.1565i	0.1951-0.0857i	0.1832+0.0113i	0.0070+0.0420i	-0.0025+0.0260i	0.0200+0.0305i	-0.0045+0.0721i
51.5	0.2126+0.0140i	0.3112-0.1560i	0.1893-0.1033i	0.1772+0.0190i	0.0063+0.0425i	-0.0035+0.0268i	0.0159+0.0292i	-0.0060+0.0714i
51.6	0.2227+0.0141i	0.2999-0.1710i	0.1778-0.1012i	0.1922+0.0306i	0.0075+0.0426i	-0.0026+0.0272i	0.0154+0.0303i	-0.0043+0.0740i
51.7	0.2256+0.0214i	0.3038-0.1708i	0.1748-0.0953i	0.2072+0.0208i	0.0091+0.0419i	-0.0028+0.0268i	0.0174+0.0308i	-0.0013+0.0713i
51.8	0.2239+0.0270i	0.3077-0.1759i	0.1740-0.0849i	0.2077+0.0200i	0.0084+0.0435i	-0.0036+0.0277i	0.0155+0.0333i	-0.0020+0.0729i
51.9	0.2226+0.0261i	0.3093-0.1844i	0.1830-0.0853i	0.2088+0.0115i	0.0085+0.0432i	-0.0051+0.0267i	0.0151+0.0330i	-0.0000+0.0752i
52.0	0.2275+0.0219i	0.3082-0.1804i	0.1818-0.0913i	0.2246+0.0067i	0.0085+0.0428i	-0.0061+0.0269i	0.0134+0.0331i	-0.0010+0.0732i
52.1	0.2438+0.0202i	0.3104-0.1698i	0.1775-0.0780i	0.2285+0.0042i	0.0093+0.0424i	-0.0049+0.0272i	0.0141+0.0325i	0.0030+0.0732i
52.2	0.2507+0.0326i	0.3136-0.1639i	0.1848-0.0700i	0.2293+0.0011i	0.0105+0.0420i	-0.0038+0.0268i	0.0141+0.0320i	0.0056+0.0741i
52.3	0.2516+0.0380i	0.3142-0.1692i	0.1900-0.0706i	0.2167-0.0070i	0.0118+0.0442i	-0.0040+0.0276i	0.0121+0.0346i	0.0056+0.0759i
52.4	0.2493+0.0314i	0.3048-0.1788i	0.2009-0.0784i	0.2247-0.0092i	0.0110+0.0448i	-0.0033+0.0283i	0.0095+0.0357i	0.0062+0.0750i
52.5	0.2566+0.0291i	0.3018-0.1858i	0.1987-0.0856i	0.2405-0.0064i	0.0111+0.0452i	-0.0035+0.0293i	0.0102+0.0375i	0.0083+0.0736i
52.6	0.2641+0.0235i	0.2999-0.1884i	0.1952-0.0830i	0.2405-0.0100i	0.0125+0.0446i	-0.0018+0.0284i	0.0122+0.0372i	0.0102+0.0721i
52.7	0.2712+0.0169i	0.2945-0.1911i	0.2052-0.0852i	0.2398-0.0099i	0.0152+0.0449i	-0.0012+0.0277i	0.0131+0.0379i	0.0137+0.0682i
52.8	0.2713+0.0158i	0.2869-0.1840i	0.2030-0.0886i	0.2374-0.0034i	0.0140+0.0454i	-0.0027+0.0280i	0.0116+0.0412i	0.0134+0.0667i
52.9	0.2642+0.0215i	0.2934-0.1820i	0.1963-0.0886i	0.2443-0.0019i	0.0134+0.0455i	-0.0028+0.0296i	0.0126+0.0445i	0.0126+0.0675i
53.0	0.2707+0.0255i	0.2908-0.1844i	0.1903-0.0889i	0.2485-0.0040i	0.0142+0.0480i	-0.0023+0.0314i	0.0149+0.0475i	0.0114+0.0690i
53.1	0.2800+0.0230i	0.2835-0.1810i	0.1765-0.0857i	0.2606+0.0039i	0.0165+0.0496i	-0.0013+0.0312i	0.0172+0.0491i	0.0157+0.0720i
53.2	0.2902+0.0196i	0.2806-0.1904i	0.1676-0.0862i	0.2762+0.0100i	0.0183+0.0506i	0.0003+0.0328i	0.0202+0.0519i	0.0173+0.0749i
53.3	0.2873+0.0216i	0.2654-0.1963i	0.1639-0.0704i	0.2831-0.0068i	0.0212+0.0510i	0.0029+0.0331i	0.0243+0.0522i	0.0215+0.0718i
53.4	0.2883+0.0301i	0.2674-0.1940i	0.1674-0.0647i	0.2867-0.0243i	0.0223+0.0505i	0.0017+0.0320i	0.0238+0.0516i	0.0187+0.0685i
53.5	0.3015+0.0282i	0.2558-0.1959i	0.1857-0.0674i	0.2941-0.0168i	0.0279+0.0508i	0.0062+0.0327i	0.0345+0.0532i	0.0248+0.0700i
53.6	0.3225+0.0060i	0.2473-0.1878i	0.1728-0.0615i	0.3033-0.0235i	0.0338+0.0453i	0.0124+0.0295i	0.0457+0.0462i	0.0324+0.0667i
53.7	0.3205-0.0067i	0.2508-0.1790i	0.1708-0.0624i	0.3085-0.0318i	0.0329+0.0409i	0.0114+0.0256i	0.0429+0.0383i	0.0287+0.0589i
53.8	0.3189-0.0132i	0.2491-0.1727i	0.1580-0.0625i	0.3069-0.0441i	0.0327+0.0389i	0.0115+0.0236i	0.0428+0.0347i	0.0272+0.0553i
53.9	0.3170-0.0185i	0.2491-0.1771i	0.1597-0.0367i	0.3096-0.0689i	0.0330+0.0377i	0.0108+0.0221i	0.0450+0.0312i	0.0292+0.0558i
54.0	0.3157-0.0194i	0.2449-0.1747i	0.1697-0.0171i	0.2992-0.0829i	0.0337+0.0364i	0.0119+0.0215i	0.0443+0.0276i	0.0300+0.0565i
54.1	0.3014-0.0147i	0.2458-0.1712i	0.1788-0.0021i	0.2919-0.0901i	0.0322+0.0321i	0.0077+0.0170i	0.0370+0.0192i	0.0291+0.0535i
54.2	0.3008-0.0201i	0.2482-0.1569i	0.1926-0.0063i	0.2916-0.0846i	0.0314+0.0307i	0.0054+0.0165i	0.0330+0.0190i	0.0304+0.0485i
54.3	0.3028-0.0182i	0.2454-0.1565i	0.1843+0.0042i	0.2900-0.0888i	0.0308+0.0302i	0.0059+0.0158i	0.0327+0.0184i	0.0301+0.0463i
54.4	0.3097-0.0067i	0.2540-0.1485i	0.1942+0.0248i	0.2783-0.1111i	0.0298+0.0301i	0.0031+0.0159i	0.0273+0.0185i	0.0274+0.0451i
54.5	0.3184-0.0155i	0.2673-0.1408i	0.2286+0.0225i	0.2714-0.1085i	0.0278+0.0271i	0.0001+0.0139i	0.0230+0.0168i	0.0231+0.0371i
54.6	0.3035-0.0113i	0.2635-0.1414i	0.2420+0.0125i	0.2626-0.1014i	0.0250+0.0263i	-0.0021+0.0153i	0.0187+0.0175i	0.0215+0.0367i
54.7	0.2965-0.0218i	0.2632-0.1473i	0.2528+0.0018i	0.2490-0.0952i	0.0221+0.0265i	-0.0030+0.0159i	0.0157+0.0226i	0.0186+0.0381i
54.8	0.3053-0.0175i	0.2636-0.1455i	0.2481-0.0105i	0.2453-0.0878i	0.0216+0.0282i	-0.0016+0.0175i	0.0165+0.0273i	0.0163+0.0406i
54.9	0.3089-0.0207i	0.2697-0.1473i	0.2535-0.0090i	0.2352-0.0898i	0.0219+0.0306i	-0.0016+0.0194i	0.0181+0.0307i	0.0160+0.0425i
55.0	0.3029-0.0100i	0.2689-0.1476i	0.2529-0.0134i	0.2221-0.0869i	0.0212+0.0328i	-0.0030+0.0217i	0.0167+0.0337i	0.0133+0.0450i
55.1	0.2969-0.0059i	0.2664-0.1477i	0.2671-0.0199i	0.2200-0.0611i	0.0213+0.0331i	-0.0017+0.0213i	0.0180+0.0365i	0.0127+0.0443i
55.2	0.3114-0.0097i	0.2680-0.1531i	0.2766-0.0320i	0.2255-0.0392i	0.0233+0.0341i	0.0005+0.0203i	0.0229+0.0365i	0.0156+0.0442i
55.3	0.3177-0.0054i	0.2652-0.1498i	0.2653-0.0301i	0.2266-0.0450i	0.0239+0.0348i	0.0002+0.0205i	0.0237+0.0370i	0.0171+0.0449i
55.4	0.3167-0.0059i	0.2651-0.1488i	0.2612-0.0316i	0.2376-0.0458i	0.0245+0.0346i	-0.0002+0.0192i	0.0255+0.0349i	0.0171+0.0418i
55.5	0.3204-0.0071i	0.2693-0.1461i	0.2580-0.0342i	0.2551-0.0415i	0.0256+0.0321i	0.0002+0.0181i	0.0258+0.0338i	0.0158+0.0397i
55.6	0.3299-0.0042i	0.2696-0.1500i	0.2572-0.0299i	0.2565-0.0483i	0.0267+0.0319i	-0.0001+0.0194i	0.0278+0.0358i	0.0159+0.0395i
55.7	0.3341-0.0009i	0.2724-0.1439i	0.2719-0.0322i	0.2548-0.0425i	0.0270+0.0330i	-0.0007+0.0209i	0.0303+0.0368i	0.0149+0.0419i
55.8	0.3326-0.0113i	0.2696-0.1408i	0.2692-0.0327i	0.2603-0.0450i	0.0273+0.0315i	0.0006+0.0187i	0.0319+0.0335i	0.0122+0.0378i
55.9	0.3331-0.0206i	0.2699-0.1501i	0.2703-0.0360i	0.2734-0.0357i	0.0284+0.0314i	0.0014+0.0181i	0.0360+0.0315i	0.0138+0.0370i
56.0	0.3393-0.0168i	0.2725-0.1467i	0.2751-0.0379i	0.2727-0.0358i	0.0283+0.0312i	0.0019+0.0175i	0.0363+0.0294i	0.0136+0.0389i

56.1	0.3373-0.0145i	0.2708-0.1418i	0.2719-0.0355i	0.2754-0.0457i	0.0295+0.0295i	0.0017+0.0167i	0.0370+0.0268i	0.0147+0.0379i
56.2	0.3304-0.0174i	0.2711-0.1448i	0.2820-0.0360i	0.2789-0.0586i	0.0294+0.0290i	0.0009+0.0162i	0.0356+0.0250i	0.0112+0.0381i
56.3	0.3311-0.0208i	0.2690-0.1476i	0.2786-0.0443i	0.2780-0.0528i	0.0290+0.0285i	0.0000+0.0167i	0.0355+0.0238i	0.0130+0.0411i
56.4	0.3309-0.0227i	0.2696-0.1433i	0.2771-0.0458i	0.2773-0.0488i	0.0300+0.0284i	0.0006+0.0150i	0.0360+0.0232i	0.0143+0.0409i
56.5	0.3410-0.0289i	0.2672-0.1423i	0.2847-0.0476i	0.2782-0.0531i	0.0308+0.0276i	0.0024+0.0146i	0.0367+0.0215i	0.0155+0.0398i
56.6	0.3439-0.0321i	0.2660-0.1399i	0.2873-0.0460i	0.2821-0.0501i	0.0306+0.0272i	0.0014+0.0157i	0.0358+0.0211i	0.0133+0.0410i
56.7	0.3404-0.0245i	0.2722-0.1425i	0.2855-0.0413i	0.2828-0.0506i	0.0308+0.0279i	-0.0006+0.0170i	0.0338+0.0192i	0.0134+0.0376i
56.8	0.3465-0.0252i	0.2729-0.1419i	0.2826-0.0469i	0.2860-0.0502i	0.0299+0.0282i	-0.0014+0.0165i	0.0337+0.0188i	0.0134+0.0369i
56.9	0.3552-0.0200i	0.2707-0.1506i	0.2886-0.0460i	0.2920-0.0536i	0.0283+0.0275i	-0.0027+0.0149i	0.0321+0.0196i	0.0109+0.0378i
57.0	0.3505-0.0287i	0.2739-0.1337i	0.3004-0.0375i	0.2952-0.0584i	0.0290+0.0261i	-0.0033+0.0139i	0.0325+0.0184i	0.0084+0.0355i
57.1	0.3572-0.0284i	0.2756-0.1294i	0.2838-0.0410i	0.3026-0.0526i	0.0294+0.0260i	-0.0025+0.0152i	0.0319+0.0181i	0.0090+0.0361i
57.2	0.3563-0.0245i	0.2707-0.1291i	0.2878-0.0418i	0.3052-0.0473i	0.0296+0.0271i	-0.0018+0.0158i	0.0336+0.0178i	0.0101+0.0401i
57.3	0.3558-0.0222i	0.2758-0.1339i	0.2901-0.0420i	0.3015-0.0525i	0.0283+0.0264i	-0.0029+0.0164i	0.0318+0.0177i	0.0110+0.0377i
57.4	0.3588-0.0278i	0.2730-0.1318i	0.2897-0.0342i	0.2951-0.0573i	0.0283+0.0252i	-0.0039+0.0156i	0.0306+0.0178i	0.0098+0.0381i
57.5	0.3609-0.0224i	0.2795-0.1386i	0.2913-0.0365i	0.2965-0.0534i	0.0276+0.0253i	-0.0046+0.0146i	0.0283+0.0181i	0.0087+0.0410i
57.6	0.3622-0.0250i	0.2658-0.1342i	0.2914-0.0431i	0.3056-0.0558i	0.0290+0.0251i	-0.0030+0.0150i	0.0295+0.0170i	0.0109+0.0401i
57.7	0.3635-0.0248i	0.2732-0.1420i	0.2957-0.0534i	0.3123-0.0618i	0.0304+0.0261i	-0.0026+0.0161i	0.0310+0.0185i	0.0099+0.0401i
57.8	0.3643-0.0112i	0.2852-0.1349i	0.3059-0.0428i	0.3150-0.0564i	0.0303+0.0258i	-0.0032+0.0158i	0.0295+0.0168i	0.0091+0.0405i
57.9	0.3689-0.0245i	0.2811-0.1280i	0.3095-0.0444i	0.3220-0.0529i	0.0314+0.0245i	-0.0025+0.0153i	0.0305+0.0151i	0.0132+0.0388i
58.0	0.3749-0.0333i	0.2770-0.1290i	0.2983-0.0433i	0.3164-0.0645i	0.0288+0.0231i	-0.0031+0.0149i	0.0299+0.0174i	0.0115+0.0375i
58.1	0.3776-0.0288i	0.2825-0.1300i	0.3061-0.0460i	0.3109-0.0681i	0.0281+0.0236i	-0.0032+0.0149i	0.0299+0.0165i	0.0101+0.0381i
58.2	0.3830-0.0302i	0.2875-0.1279i	0.3122-0.0431i	0.3223-0.0674i	0.0287+0.0247i	-0.0037+0.0151i	0.0290+0.0166i	0.0102+0.0394i
58.3	0.3801-0.0243i	0.2775-0.1362i	0.3120-0.0418i	0.3211-0.0784i	0.0296+0.0239i	-0.0040+0.0164i	0.0314+0.0170i	0.0088+0.0384i
58.4	0.3814-0.0271i	0.2788-0.1257i	0.3130-0.0422i	0.3171-0.0723i	0.0299+0.0231i	-0.0034+0.0153i	0.0321+0.0133i	0.0093+0.0377i
58.5	0.3826-0.0371i	0.2856-0.1167i	0.3157-0.0554i	0.3230-0.0661i	0.0298+0.0228i	-0.0053+0.0157i	0.0304+0.0132i	0.0048+0.0364i
58.6	0.3854-0.0478i	0.2757-0.1251i	0.3174-0.0536i	0.3301-0.0738i	0.0318+0.0225i	-0.0036+0.0162i	0.0311+0.0119i	0.0083+0.0411i
58.7	0.3856-0.0458i	0.2804-0.1252i	0.3192-0.0558i	0.3262-0.0766i	0.0296+0.0232i	-0.0039+0.0167i	0.0293+0.0135i	0.0092+0.0454i
58.8	0.3863-0.0472i	0.2825-0.1275i	0.3132-0.0563i	0.3239-0.0789i	0.0277+0.0232i	-0.0047+0.0160i	0.0278+0.0124i	0.0104+0.0438i
58.9	0.3968-0.0443i	0.2839-0.1334i	0.3237-0.0560i	0.3305-0.0769i	0.0276+0.0232i	-0.0051+0.0138i	0.0260+0.0115i	0.0096+0.0416i
59.0	0.3892-0.0385i	0.2876-0.1270i	0.3281-0.0411i	0.3274-0.0742i	0.0286+0.0221i	-0.0053+0.0137i	0.0266+0.0098i	0.0084+0.0423i
59.1	0.3925-0.0407i	0.2869-0.1235i	0.3148-0.0390i	0.3272-0.0757i	0.0295+0.0216i	-0.0051+0.0146i	0.0264+0.0100i	0.0102+0.0422i
59.2	0.3982-0.0436i	0.2854-0.1271i	0.3134-0.0441i	0.3320-0.0751i	0.0285+0.0213i	-0.0057+0.0150i	0.0255+0.0092i	0.0062+0.0423i
59.3	0.3970-0.0457i	0.2855-0.1317i	0.3151-0.0429i	0.3322-0.0775i	0.0297+0.0215i	-0.0055+0.0156i	0.0255+0.0098i	0.0097+0.0432i
59.4	0.3933-0.0360i	0.2912-0.1241i	0.3137-0.0441i	0.3335-0.0866i	0.0293+0.0226i	-0.0057+0.0168i	0.0257+0.0106i	0.0116+0.0430i
59.5	0.4029-0.0373i	0.2828-0.1185i	0.3113-0.0448i	0.3265-0.0896i	0.0288+0.0221i	-0.0054+0.0150i	0.0249+0.0098i	0.0122+0.0419i
59.6	0.4010-0.0456i	0.2800-0.1252i	0.3282-0.0450i	0.3267-0.0848i	0.0296+0.0223i	-0.0053+0.0152i	0.0247+0.0094i	0.0127+0.0425i
59.7	0.4043-0.0457i	0.2855-0.1226i	0.3309-0.0485i	0.3297-0.0809i	0.0289+0.0227i	-0.0052+0.0163i	0.0236+0.0113i	0.0116+0.0445i
59.8	0.4067-0.0420i	0.2809-0.1192i	0.3324-0.0403i	0.3269-0.0770i	0.0301+0.0231i	-0.0044+0.0164i	0.0247+0.0106i	0.0134+0.0470i
59.9	0.3811-0.1504i	0.2464-0.2350i	0.2528-0.0591i	0.2875-0.0585i	0.0224+0.0222i	-0.0110+0.0171i	0.0166+0.0087i	-0.0017+0.0443i
60.0	0.4875-0.0411i	0.3712-0.1221i	0.3574-0.1032i	0.3405-0.1054i	0.0298+0.0177i	-0.0033+0.0134i	0.0262+0.0068i	0.0187+0.0393i
60.1	0.3761-0.0612i	0.2440-0.1308i	0.3142-0.0278i	0.3401-0.0772i	0.0297+0.0225i	-0.0049+0.0186i	0.0235+0.0107i	0.0093+0.0486i
60.2	0.4101-0.0499i	0.2813-0.1082i	0.3439-0.0322i	0.3409-0.0876i	0.0308+0.0202i	-0.0049+0.0164i	0.0246+0.0082i	0.0151+0.0466i
60.3	0.4102-0.0570i	0.2847-0.1073i	0.3444-0.0273i	0.3350-0.0888i	0.0301+0.0199i	-0.0053+0.0154i	0.0236+0.0067i	0.0143+0.0453i
60.4	0.4103-0.0596i	0.2884-0.1030i	0.3414-0.0217i	0.3357-0.0901i	0.0295+0.0206i	-0.0064+0.0149i	0.0223+0.0063i	0.0136+0.0451i
60.5	0.4129-0.0618i	0.2841-0.1028i	0.3471-0.0256i	0.3371-0.0935i	0.0300+0.0210i	-0.0064+0.0154i	0.0198+0.0068i	0.0146+0.0478i
60.6	0.4066-0.0565i	0.2920-0.0936i	0.3482-0.0346i	0.3347-0.0927i	0.0298+0.0206i	-0.0064+0.0145i	0.0192+0.0076i	0.0123+0.0444i
60.7	0.4043-0.0477i	0.3044-0.1007i	0.3571-0.0225i	0.3308-0.0869i	0.0298+0.0205i	-0.0076+0.0144i	0.0206+0.0071i	0.0161+0.0411i
60.8	0.4145-0.0542i	0.3089-0.0969i	0.3552-0.0179i	0.3240-0.0874i	0.0303+0.0215i	-0.0059+0.0155i	0.0192+0.0079i	0.0166+0.0441i
60.9	0.4117-0.0472i	0.3038-0.1025i	0.3599-0.0248i	0.3364-0.0812i	0.0306+0.0216i	-0.0060+0.0163i	0.0184+0.0094i	0.0170+0.0455i
61.0	0.4217-0.0444i	0.3101-0.1111i	0.3643-0.0246i	0.3439-0.0843i	0.0310+0.0206i	-0.0079+0.0163i	0.0187+0.0088i	0.0141+0.0464i
61.1	0.4191-0.0480i	0.3170-0.1028i	0.3664-0.0278i	0.3586-0.0853i	0.0300+0.0211i	-0.0085+0.0164i	0.0171+0.0080i	0.0139+0.0474i
61.2	0.4290-0.0476i	0.3078-0.0934i	0.3722-0.0247i	0.3439-0.0802i	0.0297+0.0209i	-0.0089+0.0162i	0.0155+0.0075i	0.0152+0.0458i
61.3	0.4255-0.0395i	0.3108-0.0991i	0.3698-0.0202i	0.3473-0.0797i	0.0313+0.0209i	-0.0085+0.0172i	0.0157+0.0067i	0.0171+0.0475i
61.4	0.4391-0.0372i	0.3125-0.1119i	0.3836-0.0239i	0.3508-0.0753i	0.0313+0.0193i	-0.0073+0.0154i	0.0147+0.0049i	0.0152+0.0469i
61.5	0.4428-0.0418i	0.3177-0.1092i	0.3906-0.0319i	0.3517-0.0811i	0.0306+0.0204i	-0.0069+0.0160i	0.0143+0.0072i	0.0162+0.0458i
61.6	0.4523-0.0474i	0.3178-0.1046i	0.3902-0.0346i	0.3543-0.0773i	0.0311+0.0201i	-0.0065+0.0174i	0.0126+0.0073i	0.0190+0.0454i
61.7	0.4454-0.0413i	0.3264-0.1018i	0.3897-0.0352i	0.3569-0.0759i	0.0321+0.0203i	-0.0060+0.0173i	0.0132+0.0079i	0.0205+0.0479i
61.8	0.4484-0.0398i	0.3257-0.1000i	0.4027-0.0213i	0.3573-0.0706i	0.0300+0.0214i	-0.0071+0.0177i	0.0123+0.0087i	0.0186+0.0457i
61.9	0.4640-0.0555i	0.3179-0.0999i	0.4039-0.0169i	0.3611-0.0729i	0.0321+0.0210i	-0.0049+0.0177i	0.0133+0.0087i	0.0244+0.0466i
62.0	0.4763-0.0602i	0.3117-0.0940i	0.3944-0.0257i	0.3635-0.0898i	0.0337+0.0202i	-0.0050+0.0163i	0.0127+0.0099i	0.0270+0.0458i
62.1	0.4802-0.0608i	0.3200-0.0900i	0.3988-0.0292i	0.3676-0.0760i	0.0329+0.0216i	-0.0077+0.0168i	0.0106+0.0135i	0.0262+0.0428i
62.2	0.4676-0.0536i	0.3281-0.0854i	0.4088-0.0245i	0.3676-0.0740i	0.0328+0.0222i	-0.0075+0.0170i	0.0107+0.0126i	0.0259+0.0400i
62.3	0.4788-0.0495i	0.3260-0.0916i	0.4134-0.0283i	0.3685-0.0758i	0.0327+0.0210i	-0.0065+0.0155i	0.0110+0.0106i	0.0279+0.0385i

62.4	0.4772-0.0543i	0.3279-0.0944i	0.4158-0.0344i	0.3672-0.0782i	0.0331+0.0209i	-0.0073+0.0158i	0.0090+0.0118i	0.0260+0.0402i
62.5	0.4822-0.0513i	0.3405-0.0914i	0.4250-0.0420i	0.3687-0.0794i	0.0332+0.0196i	-0.0070+0.0158i	0.0099+0.0161i	0.0266+0.0401i
62.6	0.4991-0.0474i	0.3405-0.0844i	0.4364-0.0368i	0.3822-0.0841i	0.0344+0.0187i	-0.0066+0.0168i	0.0107+0.0165i	0.0290+0.0369i
62.7	0.4953-0.0605i	0.3370-0.0967i	0.4357-0.0403i	0.3842-0.0811i	0.0353+0.0196i	-0.0063+0.0165i	0.0064+0.0171i	0.0290+0.0353i
62.8	0.4928-0.0642i	0.3473-0.0922i	0.4398-0.0440i	0.3742-0.0833i	0.0341+0.0190i	-0.0076+0.0168i	0.0055+0.0179i	0.0253+0.0340i
62.9	0.5018-0.0639i	0.3567-0.0886i	0.4413-0.0525i	0.3904-0.0925i	0.0330+0.0192i	-0.0070+0.0175i	0.0077+0.0193i	0.0263+0.0327i
63.0	0.5064-0.0745i	0.3560-0.0818i	0.4447-0.0580i	0.3933-0.0944i	0.0338+0.0189i	-0.0053+0.0175i	0.0098+0.0213i	0.0259+0.0300i
63.1	0.5022-0.0741i	0.3550-0.0733i	0.4497-0.0469i	0.3923-0.0832i	0.0346+0.0197i	-0.0061+0.0173i	0.0105+0.0234i	0.0270+0.0275i
63.2	0.5096-0.0680i	0.3546-0.0742i	0.4563-0.0454i	0.3817-0.0817i	0.0332+0.0205i	-0.0077+0.0185i	0.0086+0.0258i	0.0263+0.0289i
63.3	0.5193-0.0578i	0.3764-0.0778i	0.4622-0.0440i	0.3792-0.0836i	0.0329+0.0190i	-0.0077+0.0173i	0.0085+0.0259i	0.0256+0.0287i
63.4	0.5154-0.0692i	0.3616-0.0854i	0.4621-0.0409i	0.3914-0.0739i	0.0329+0.0190i	-0.0066+0.0172i	0.0105+0.0264i	0.0263+0.0285i
63.5	0.5200-0.0699i	0.3557-0.0767i	0.4556-0.0472i	0.3885-0.0755i	0.0341+0.0179i	-0.0081+0.0173i	0.0123+0.0277i	0.0254+0.0248i
63.6	0.5230-0.0718i	0.3597-0.0703i	0.4626-0.0639i	0.3982-0.0777i	0.0347+0.0183i	-0.0075+0.0171i	0.0145+0.0301i	0.0241+0.0274i
63.7	0.5259-0.0729i	0.3604-0.0689i	0.4613-0.0745i	0.4097-0.0753i	0.0353+0.0192i	-0.0062+0.0172i	0.0162+0.0320i	0.0252+0.0256i
63.8	0.5284-0.0816i	0.3657-0.0830i	0.4622-0.0573i	0.4111-0.0810i	0.0360+0.0194i	-0.0053+0.0168i	0.0193+0.0315i	0.0240+0.0213i
63.9	0.5374-0.0887i	0.3630-0.0847i	0.4665-0.0594i	0.4141-0.0908i	0.0346+0.0184i	-0.0060+0.0173i	0.0209+0.0313i	0.0210+0.0237i
64.0	0.5437-0.0804i	0.3700-0.0810i	0.4656-0.0655i	0.4119-0.0858i	0.0357+0.0172i	-0.0057+0.0175i	0.0246+0.0321i	0.0206+0.0243i
64.1	0.5477-0.0814i	0.3746-0.0791i	0.4608-0.0637i	0.4210-0.0915i	0.0371+0.0163i	-0.0042+0.0159i	0.0277+0.0299i	0.0207+0.0185i
64.2	0.5595-0.1001i	0.3709-0.0752i	0.4633-0.0757i	0.4220-0.0847i	0.0371+0.0186i	-0.0037+0.0176i	0.0307+0.0312i	0.0185+0.0195i
64.3	0.5572-0.0948i	0.3705-0.0709i	0.4640-0.0690i	0.4298-0.0831i	0.0382+0.0171i	-0.0041+0.0176i	0.0304+0.0284i	0.0160+0.0212i
64.4	0.5759-0.0834i	0.3803-0.0726i	0.4725-0.0755i	0.4418-0.0808i	0.0375+0.0152i	-0.0046+0.0158i	0.0314+0.0249i	0.0118+0.0223i
64.5	0.5736-0.0863i	0.3723-0.0693i	0.4728-0.0854i	0.4273-0.0907i	0.0385+0.0154i	-0.0037+0.0142i	0.0324+0.0247i	0.0109+0.0199i
64.6	0.5649-0.0985i	0.3709-0.0772i	0.4708-0.0776i	0.4214-0.0983i	0.0392+0.0158i	-0.0047+0.0151i	0.0342+0.0239i	0.0111+0.0257i
64.7	0.5712-0.0969i	0.3801-0.0720i	0.4646-0.0759i	0.4402-0.0934i	0.0380+0.0148i	-0.0051+0.0147i	0.0360+0.0206i	0.0114+0.0232i
64.8	0.5732-0.0957i	0.3850-0.0649i	0.4658-0.0749i	0.4421-0.0880i	0.0372+0.0121i	-0.0055+0.0125i	0.0353+0.0175i	0.0112+0.0181i
64.9	0.5912-0.1166i	0.3918-0.0725i	0.4744-0.0718i	0.4430-0.0889i	0.0384+0.0110i	-0.0069+0.0116i	0.0357+0.0170i	0.0084+0.0212i
65.0	0.5958-0.1158i	0.3953-0.0743i	0.4855-0.0698i	0.4450-0.1037i	0.0389+0.0112i	-0.0068+0.0126i	0.0338+0.0141i	0.0082+0.0234i
65.1	0.5988-0.1079i	0.3988-0.0661i	0.4973-0.0714i	0.4431-0.1166i	0.0371+0.0097i	-0.0053+0.0115i	0.0337+0.0137i	0.0067+0.0238i
65.2	0.6011-0.1175i	0.4058-0.0634i	0.5038-0.0720i	0.4523-0.1078i	0.0365+0.0087i	-0.0062+0.0085i	0.0336+0.0114i	0.0027+0.0217i
65.3	0.6083-0.1104i	0.3934-0.0780i	0.4950-0.0706i	0.4511-0.1126i	0.0373+0.0103i	-0.0064+0.0090i	0.0320+0.0109i	0.0045+0.0214i
65.4	0.6215-0.1267i	0.3902-0.0721i	0.4909-0.0839i	0.4558-0.1149i	0.0369+0.0086i	-0.0076+0.0082i	0.0305+0.0087i	0.0020+0.0180i
65.5	0.6118-0.1406i	0.3897-0.0660i	0.5042-0.0904i	0.4530-0.1096i	0.0371+0.0087i	-0.0091+0.0077i	0.0308+0.0082i	0.0026+0.0171i
65.6	0.6094-0.1237i	0.3962-0.0614i	0.5168-0.0823i	0.4448-0.1134i	0.0356+0.0091i	-0.0102+0.0079i	0.0288+0.0075i	0.0024+0.0215i
65.7	0.6132-0.1290i	0.4081-0.0487i	0.5223-0.0655i	0.4562-0.1055i	0.0333+0.0080i	-0.0124+0.0084i	0.0267+0.0064i	-0.0018+0.0210i
65.8	0.6135-0.1374i	0.4171-0.0440i	0.5300-0.0672i	0.4641-0.1132i	0.0327+0.0053i	-0.0126+0.0094i	0.0265+0.0041i	-0.0036+0.0227i
65.9	0.6100-0.1443i	0.4239-0.0653i	0.5306-0.0783i	0.4680-0.1229i	0.0313+0.0064i	-0.0137+0.0099i	0.0258+0.0049i	-0.0053+0.0231i
66.0	0.6136-0.1428i	0.4269-0.0542i	0.5316-0.0824i	0.4652-0.1158i	0.0312+0.0074i	-0.0145+0.0096i	0.0246+0.0051i	-0.0077+0.0235i
66.1	0.6318-0.1479i	0.4176-0.0481i	0.5450-0.0954i	0.4718-0.1097i	0.0312+0.0077i	-0.0153+0.0072i	0.0244+0.0003i	-0.0074+0.0220i
66.2	0.6344-0.1484i	0.4244-0.0573i	0.5520-0.0903i	0.4776-0.1001i	0.0289+0.0079i	-0.0186+0.0108i	0.0231+0.0023i	-0.0143+0.0251i
66.3	0.6332-0.1538i	0.4215-0.0599i	0.5589-0.0887i	0.4675-0.1137i	0.0280+0.0088i	-0.0195+0.0108i	0.0214+0.0052i	-0.0145+0.0276i
66.4	0.6309-0.1525i	0.4217-0.0663i	0.5561-0.0901i	0.4736-0.1147i	0.0258+0.0101i	-0.0192+0.0119i	0.0178+0.0074i	-0.0157+0.0318i
66.5	0.6361-0.1544i	0.4459-0.0667i	0.5627-0.1007i	0.4908-0.1081i	0.0279+0.0129i	-0.0198+0.0145i	0.0184+0.0091i	-0.0150+0.0383i
66.6	0.6559-0.1566i	0.4423-0.0536i	0.5735-0.1040i	0.4933-0.0955i	0.0266+0.0152i	-0.0221+0.0148i	0.0173+0.0093i	-0.0177+0.0393i
66.7	0.6594-0.1501i	0.4392-0.0533i	0.5663-0.1045i	0.4919-0.0879i	0.0249+0.0127i	-0.0233+0.0140i	0.0156+0.0058i	-0.0217+0.0386i
66.8	0.6588-0.1444i	0.4295-0.0540i	0.5615-0.1050i	0.4934-0.0834i	0.0271+0.0120i	-0.0219+0.0147i	0.0188+0.0059i	-0.0214+0.0393i
66.9	0.6648-0.1582i	0.4384-0.0616i	0.5650-0.1030i	0.5066-0.0953i	0.0258+0.0130i	-0.0247+0.0176i	0.0153+0.0092i	-0.0240+0.0394i
67.0	0.6687-0.1670i	0.4501-0.0590i	0.5700-0.0985i	0.5085-0.1010i	0.0277+0.0144i	-0.0223+0.0172i	0.0171+0.0087i	-0.0226+0.0420i
67.1	0.6756-0.1582i	0.4527-0.0665i	0.5716-0.0981i	0.5084-0.0970i	0.0254+0.0143i	-0.0223+0.0172i	0.0143+0.0107i	-0.0245+0.0471i
67.2	0.6845-0.1737i	0.4680-0.0581i	0.5961-0.1203i	0.5201-0.0983i	0.0238+0.0164i	-0.0253+0.0169i	0.0117+0.0113i	-0.0263+0.0511i
67.3	0.6943-0.1841i	0.4603-0.0557i	0.5887-0.1361i	0.5276-0.0979i	0.0265+0.0181i	-0.0230+0.0187i	0.0169+0.0122i	-0.0214+0.0511i
67.4	0.6982-0.1707i	0.4620-0.0570i	0.5856-0.1360i	0.5260-0.0966i	0.0280+0.0159i	-0.0211+0.0183i	0.0208+0.0088i	-0.0205+0.0524i
67.5	0.7064-0.1684i	0.4721-0.0577i	0.5962-0.1327i	0.5394-0.1039i	0.0280+0.0157i	-0.0209+0.0194i	0.0221+0.0092i	-0.0209+0.0552i
67.6	0.7163-0.1895i	0.4754-0.0729i	0.6127-0.1350i	0.5464-0.1094i	0.0284+0.0156i	-0.0211+0.0187i	0.0209+0.0061i	-0.0225+0.0545i
67.7	0.7156-0.2017i	0.4759-0.0716i	0.6036-0.1473i	0.5554-0.1050i	0.0272+0.0164i	-0.0230+0.0185i	0.0187+0.0036i	-0.0225+0.0565i
67.8	0.7228-0.2045i	0.4873-0.0583i	0.5962-0.1471i	0.5620-0.1044i	0.0273+0.0165i	-0.0258+0.0189i	0.0175+0.0035i	-0.0211+0.0597i
67.9	0.7452-0.1949i	0.4884-0.0711i	0.6186-0.1388i	0.5734-0.0994i	0.0278+0.0161i	-0.0259+0.0180i	0.0153+0.0013i	-0.0248+0.0594i
68.0	0.7407-0.1944i	0.4929-0.0625i	0.6050-0.1376i	0.5723-0.1002i	0.0299+0.0159i	-0.0238+0.0190i	0.0156+0.0020i	-0.0197+0.0597i
68.1	0.7404-0.2155i	0.4926-0.0645i	0.5974-0.1481i	0.5796-0.1277i	0.0293+0.0167i	-0.0228+0.0210i	0.0156+0.0023i	-0.0170+0.0588i
68.2	0.7408-0.2203i	0.5068-0.0679i	0.6089-0.1573i	0.5811-0.1235i	0.0291+0.0160i	-0.0220+0.0210i	0.0160+0.0003i	-0.0166+0.0602i
68.3	0.7702-0.2129i	0.5168-0.0605i	0.6275-0.1498i	0.6067-0.1155i	0.0245+0.0161i	-0.0287+0.0205i	0.0061-0.0024i	-0.0270+0.0668i
68.4	0.7639-0.2127i	0.5037-0.0543i	0.6118-0.1474i	0.6013-0.1292i	0.0237+0.0154i	-0.0302+0.0196i	0.0035-0.0009i	-0.0271+0.0638i
68.5	0.7650-0.2235i	0.5202-0.0648i	0.6110-0.1444i	0.6108-0.1299i	0.0285+0.0148i	-0.0284+0.0196i	0.0109-0.0005i	-0.0192+0.0626i
68.6	0.7788-0.2534i	0.5235-0.0765i	0.6306-0.1587i	0.6248-0.1199i	0.0287+0.0171i	-0.0262+0.0224i	0.0087+0.0026i	-0.0163+0.0679i

68.7	0.7899-0.2474i	0.5209-0.0773i	0.6377-0.1600i	0.6465-0.1362i	0.0273+0.0201i	-0.0267+0.0233i	0.0039+0.0025i	-0.0187+0.0744i
68.8	0.8047-0.2472i	0.5239-0.0890i	0.6420-0.1660i	0.6341-0.1363i	0.0245+0.0190i	-0.0309+0.0232i	-0.0017-0.0002i	-0.0268+0.0729i
68.9	0.8253-0.2523i	0.5238-0.0796i	0.6566-0.1550i	0.6376-0.1321i	0.0210+0.0171i	-0.0358+0.0235i	-0.0067-0.0029i	-0.0286+0.0713i
69.0	0.8264-0.2649i	0.5348-0.0824i	0.6729-0.1707i	0.6485-0.1415i	0.0206+0.0183i	-0.0358+0.0263i	-0.0059-0.0001i	-0.0269+0.0773i
69.1	0.8248-0.2780i	0.5547-0.0888i	0.6710-0.1768i	0.6748-0.1546i	0.0248+0.0201i	-0.0313+0.0288i	-0.0037+0.0049i	-0.0175+0.0802i
69.2	0.8607-0.2898i	0.5550-0.0926i	0.6767-0.1724i	0.6800-0.1583i	0.0205+0.0238i	-0.0361+0.0302i	-0.0139+0.0115i	-0.0248+0.0830i
69.3	0.8806-0.2954i	0.5396-0.0955i	0.6735-0.1762i	0.6851-0.1815i	0.0181+0.0239i	-0.0386+0.0319i	-0.0130+0.0133i	-0.0303+0.0880i
69.4	0.8671-0.3211i	0.5348-0.0934i	0.6680-0.1855i	0.6935-0.1982i	0.0249+0.0267i	-0.0331+0.0336i	-0.0060+0.0165i	-0.0207+0.0869i
69.5	0.8714-0.3303i	0.5562-0.0870i	0.6819-0.1909i	0.6975-0.1936i	0.0280+0.0284i	-0.0313+0.0358i	-0.0035+0.0202i	-0.0148+0.0874i
69.6	0.8952-0.3346i	0.5591-0.0963i	0.6846-0.1854i	0.7130-0.1849i	0.0263+0.0290i	-0.0326+0.0379i	-0.0040+0.0242i	-0.0176+0.0938i
69.7	0.9106-0.3592i	0.5501-0.1007i	0.6955-0.2089i	0.7143-0.1940i	0.0242+0.0320i	-0.0344+0.0408i	-0.0063+0.0274i	-0.0232+0.1019i
69.8	0.9208-0.3720i	0.5565-0.0698i	0.7084-0.2151i	0.7267-0.2167i	0.0247+0.0328i	-0.0353+0.0441i	-0.0050+0.0287i	-0.0196+0.1051i
69.9	0.9326-0.3932i	0.5541-0.0663i	0.7133-0.2263i	0.7297-0.2235i	0.0245+0.0343i	-0.0367+0.0451i	-0.0057+0.0288i	-0.0223+0.1070i
70.0	0.9424-0.3941i	0.5609-0.0751i	0.7152-0.2366i	0.7356-0.2158i	0.0287+0.0328i	-0.0339+0.0444i	-0.0022+0.0259i	-0.0210+0.1109i
70.1	0.9499-0.4140i	0.5763-0.0876i	0.7238-0.2400i	0.7396-0.2229i	0.0283+0.0335i	-0.0331+0.0467i	-0.0003+0.0237i	-0.0211+0.1155i
70.2	0.9608-0.4309i	0.5698-0.0652i	0.7268-0.2276i	0.7524-0.2313i	0.0245+0.0365i	-0.0354+0.0476i	-0.0041+0.0264i	-0.0290+0.1230i
70.3	0.9613-0.4393i	0.5645-0.0583i	0.7285-0.2229i	0.7653-0.2500i	0.0251+0.0363i	-0.0352+0.0475i	-0.0015+0.0252i	-0.0250+0.1251i
70.4	0.9646-0.4822i	0.5705-0.0603i	0.7251-0.2515i	0.7731-0.2775i	0.0294+0.0383i	-0.0328+0.0516i	-0.0008+0.0269i	-0.0231+0.1306i
70.5	0.9510-0.5159i	0.5897-0.0709i	0.7332-0.2521i	0.7624-0.2817i	0.0309+0.0407i	-0.0314+0.0537i	-0.0021+0.0297i	-0.0161+0.1419i
70.6	0.9694-0.5371i	0.5901-0.0487i	0.7328-0.2590i	0.7884-0.2666i	0.0281+0.0401i	-0.0338+0.0545i	-0.0077+0.0277i	-0.0207+0.1480i
70.7	0.9613-0.5282i	0.5845-0.0603i	0.7235-0.2647i	0.7933-0.2719i	0.0281+0.0384i	-0.0357+0.0533i	-0.0045+0.0230i	-0.0245+0.1441i
70.8	0.9932-0.5423i	0.5944-0.0556i	0.7500-0.2617i	0.8185-0.2844i	0.0269+0.0401i	-0.0376+0.0538i	-0.0108+0.0215i	-0.0248+0.1512i
70.9	0.9927-0.5935i	0.6297-0.0556i	0.7676-0.2971i	0.8299-0.3149i	0.0306+0.0476i	-0.0342+0.0605i	-0.0070+0.0299i	-0.0135+0.1684i
71.0	0.9781-0.6248i	0.6184-0.0733i	0.7503-0.3164i	0.8328-0.3437i	0.0321+0.0490i	-0.0306+0.0641i	-0.0047+0.0293i	-0.0082+0.1744i
71.1	0.9837-0.6488i	0.6198-0.0558i	0.7544-0.3078i	0.8455-0.3452i	0.0315+0.0530i	-0.0311+0.0690i	-0.0096+0.0286i	-0.0067+0.1880i
71.2	1.0041-0.6625i	0.6454-0.0354i	0.7863-0.3233i	0.8706-0.3578i	0.0330+0.0545i	-0.0318+0.0703i	-0.0119+0.0264i	-0.0045+0.2012i
71.3	1.0242-0.6919i	0.6432-0.0164i	0.7738-0.3319i	0.8772-0.3568i	0.0317+0.0561i	-0.0348+0.0736i	-0.0188+0.0270i	-0.0055+0.2073i
71.4	1.0285-0.7162i	0.6552-0.0127i	0.7800-0.3296i	0.8714-0.3768i	0.0322+0.0554i	-0.0347+0.0747i	-0.0237+0.0242i	0.0003+0.2135i
71.5	1.0134-0.7630i	0.6782-0.0172i	0.7688-0.3532i	0.8801-0.4093i	0.0321+0.0601i	-0.0324+0.0767i	-0.0307+0.0257i	0.0128+0.2301i
71.6	0.9970-0.7869i	0.6955-0.0301i	0.7639-0.3765i	0.8862-0.4218i	0.0362+0.0603i	-0.0276+0.0808i	-0.0321+0.0289i	0.0281+0.2340i
71.7	0.9886-0.8235i	0.6822-0.0311i	0.7668-0.3693i	0.8984-0.4343i	0.0383+0.0641i	-0.0267+0.0877i	-0.0382+0.0349i	0.0421+0.2390i
71.8	1.0192-0.8381i	0.6906-0.0090i	0.7792-0.3740i	0.8886-0.4230i	0.0362+0.0716i	-0.0302+0.0916i	-0.0524+0.0405i	0.0472+0.2544i
71.9	0.9794-0.8933i	0.7190-0.0254i	0.7692-0.3912i	0.8812-0.4721i	0.0433+0.0744i	-0.0198+0.0956i	-0.0507+0.0517i	0.0792+0.2605i
72.0	0.9380-0.9500i	0.7379-0.0452i	0.7816-0.4175i	0.8962-0.5284i	0.0499+0.0743i	-0.0128+0.0978i	-0.0547+0.0635i	0.1045+0.2595i
72.1	0.9075-0.9578i	0.7376-0.0512i	0.7595-0.4210i	0.8959-0.5442i	0.0583+0.0728i	-0.0082+0.0961i	-0.0465+0.0672i	0.1199+0.2401i
72.2	0.9246-0.9902i	0.7474-0.0224i	0.7448-0.4211i	0.8908-0.5453i	0.0577+0.0805i	-0.0086+0.1029i	-0.0602+0.0811i	0.1291+0.2557i
72.3	0.9286-1.0094i	0.7413-0.0015i	0.7582-0.4221i	0.8732-0.5456i	0.0530+0.0825i	-0.0107+0.1032i	-0.0787+0.0917i	0.1375+0.2629i
72.4	0.8900-1.0309i	0.7646-0.0061i	0.7599-0.4231i	0.8792-0.5679i	0.0633+0.0848i	-0.0031+0.1073i	-0.0668+0.1067i	0.1621+0.2508i
72.5	0.8347-1.0944i	0.7965-0.0011i	0.7518-0.4322i	0.8911-0.6274i	0.0743+0.0906i	0.0067+0.1143i	-0.0572+0.1312i	0.1894+0.2496i
72.6	0.8328-1.1161i	0.7964-0.0030i	0.7593-0.4295i	0.8862-0.6288i	0.0776+0.0903i	0.0094+0.1153i	-0.0516+0.1398i	0.1970+0.2391i
72.7	0.7879-1.1309i	0.8133-0.0081i	0.7528-0.4414i	0.8612-0.6570i	0.0817+0.0891i	0.0152+0.1161i	-0.0457+0.1521i	0.2113+0.2259i
72.8	0.7198-1.1611i	0.8498-0.0122i	0.7383-0.4503i	0.8416-0.6817i	0.0915+0.0915i	0.0253+0.1176i	-0.0340+0.1689i	0.2344+0.2169i
72.9	0.6997-1.1944i	0.8759-0.0250i	0.7471-0.4548i	0.8365-0.6961i	0.0984+0.0930i	0.0280+0.1190i	-0.0250+0.1797i	0.2436+0.2083i
73.0	0.6947-1.1903i	0.8824-0.0163i	0.7402-0.4660i	0.8268-0.7085i	0.1040+0.0874i	0.0338+0.1158i	-0.0120+0.1815i	0.2461+0.1919i
73.1	0.6452-1.2254i	0.9236-0.0144i	0.7483-0.4626i	0.8169-0.7387i	0.1125+0.0917i	0.0477+0.1186i	0.0058+0.2034i	0.2696+0.1837i
73.2	0.6028-1.2770i	0.9332-0.0167i	0.7552-0.4426i	0.8101-0.7374i	0.1205+0.0917i	0.0513+0.1193i	0.0184+0.2176i	0.2811+0.1723i
73.3	0.5759-1.2717i	0.9566-0.0325i	0.7681-0.4578i	0.7996-0.7573i	0.1264+0.0854i	0.0535+0.1134i	0.0380+0.2132i	0.2804+0.1558i
73.4	0.5253-1.2693i	0.9849-0.0283i	0.7761-0.4649i	0.7678-0.7681i	0.1342+0.0821i	0.0617+0.1100i	0.0581+0.2138i	0.2875+0.1424i
73.5	0.4857-1.2589i	1.0193-0.0323i	0.7677-0.4623i	0.7466-0.7941i	0.1420+0.0748i	0.0687+0.1078i	0.0739+0.2121i	0.2940+0.1325i
73.6	0.4574-1.2435i	1.0369-0.0680i	0.7657-0.4718i	0.7456-0.7976i	0.1469+0.0665i	0.0758+0.1002i	0.0895+0.2042i	0.2978+0.1135i
73.7	0.4057-1.2678i	1.0794-0.0818i	0.7854-0.4724i	0.7260-0.8232i	0.1514+0.0664i	0.0815+0.1005i	0.1057+0.2065i	0.3067+0.1035i
73.8	0.3659-1.2799i	1.1141-0.0937i	0.8074-0.4925i	0.7075-0.8215i	0.1572+0.0638i	0.0867+0.0978i	0.1216+0.2037i	0.3158+0.0886i
73.9	0.3270-1.2712i	1.1341-0.0815i	0.8059-0.5058i	0.6821-0.8279i	0.1640+0.0603i	0.0912+0.0958i	0.1337+0.2069i	0.3231+0.0791i
74.0	0.2734-1.2427i	1.1372-0.0970i	0.8023-0.5101i	0.6765-0.8313i	0.1678+0.0525i	0.0969+0.0874i	0.1475+0.1964i	0.3176+0.0594i
74.1	0.2111-1.2069i	1.1811-0.1557i	0.7840-0.5334i	0.6429-0.8313i	0.1743+0.0399i	0.1042+0.0779i	0.1754+0.1857i	0.3235+0.0359i
74.2	0.1646-1.1921i	1.2243-0.1724i	0.8068-0.5186i	0.6216-0.8185i	0.1780+0.0360i	0.1065+0.0743i	0.1891+0.1867i	0.3298+0.0214i
74.3	0.1271-1.1941i	1.2568-0.2042i	0.8386-0.5490i	0.6205-0.8270i	0.1799+0.0274i	0.1083+0.0674i	0.1977+0.1734i	0.3295+0.0064i
74.4	0.1255-1.1759i	1.3007-0.1701i	0.8372-0.5470i	0.6380-0.8219i	0.1832+0.0280i	0.1125+0.0684i	0.2055+0.1746i	0.3299+0.0080i
74.5	0.1373-1.1381i	1.2991-0.2403i	0.8198-0.5702i	0.6298-0.8273i	0.1809+0.0167i	0.1109+0.0575i	0.2109+0.1493i	0.3175-0.0074i
74.6	0.1148-1.1328i	1.2997-0.2465i	0.8216-0.5660i	0.6196-0.8294i	0.1808+0.0134i	0.1098+0.0556i	0.2149+0.1470i	0.3155-0.0179i
74.7	0.1030-1.1216i	1.2751-0.2371i	0.8186-0.5413i	0.6226-0.8207i	0.1784+0.0116i	0.1068+0.0513i	0.2174+0.1383i	0.3032-0.0219i
74.8	0.0645-1.1172i	1.3563-0.3207i	0.8354-0.5745i	0.6093-0.8568i	0.1879+0.0009i	0.1164+0.0416i	0.2413+0.1240i	0.3131-0.0383i
74.9	0.0513-1.0772i	1.3615-0.3607i	0.8467-0.6239i	0.5970-0.8579i	0.1882-0.0104i	0.1164+0.0345i	0.2489+0.1076i	0.3100-0.0617i

75.0	0.0293−1.0509i	1.3678−0.3873i	0.8314−0.6251i	0.5827−0.8374i	0.1884−0.0181i	0.1157+0.0268i	0.2540+0.0945i	0.3017−0.0732i
75.1	0.0185−1.0296i	1.3788−0.4325i	0.8153−0.6503i	0.5882−0.8553i	0.1871−0.0248i	0.1135+0.0212i	0.2545+0.0751i	0.2820−0.0758i
75.2	0.0146−1.0530i	1.4279−0.4416i	0.8439−0.6619i	0.6052−0.8787i	0.1890−0.0274i	0.1168+0.0189i	0.2626+0.0722i	0.2875−0.0813i
75.3	−0.0302−0.9917i	1.4465−0.4900i	0.8230−0.6508i	0.5885−0.8652i	0.1883−0.0370i	0.1158+0.0105i	0.2691+0.0513i	0.2864−0.0892i
75.4	−0.0670−0.9293i	1.4562−0.5358i	0.8336−0.6524i	0.5741−0.8489i	0.1875−0.0437i	0.1142+0.0026i	0.2704+0.0370i	0.2786−0.1046i
75.5	−0.0723−0.9007i	1.4179−0.5898i	0.8327−0.6812i	0.5509−0.8534i	0.1799−0.0528i	0.1093−0.0041i	0.2640+0.0177i	0.2643−0.1149i
75.6	−0.0833−0.8905i	1.4402−0.6055i	0.8356−0.6901i	0.5609−0.8451i	0.1793−0.0582i	0.1091−0.0072i	0.2695+0.0093i	0.2602−0.1164i
75.7	−0.0847−0.9028i	1.4992−0.6485i	0.8382−0.7195i	0.6021−0.8788i	0.1834−0.0626i	0.1110−0.0081i	0.2764+0.0068i	0.2616−0.1234i
75.8	−0.0826−0.8754i	1.4700−0.6969i	0.8206−0.7474i	0.5698−0.8857i	0.1761−0.0672i	0.1074−0.0148i	0.2657−0.0031i	0.2496−0.1342i
75.9	−0.1289−0.8690i	1.5190−0.7470i	0.8303−0.7760i	0.5675−0.9037i	0.1793−0.0734i	0.1073−0.0191i	0.2782−0.0122i	0.2476−0.1414i
76.0	−0.1298−0.8023i	1.4807−0.8207i	0.8151−0.7648i	0.5696−0.9055i	0.1736−0.0827i	0.1013−0.0240i	0.2756−0.0374i	0.2368−0.1517i
76.1	−0.1203−0.7733i	1.5072−0.8435i	0.8302−0.7589i	0.5766−0.9012i	0.1730−0.0841i	0.0995−0.0263i	0.2758−0.0486i	0.2394−0.1557i
76.2	−0.1569−0.7466i	1.4534−0.9689i	0.7994−0.8218i	0.5488−0.9675i	0.1671−0.0984i	0.0939−0.0349i	0.2660−0.0744i	0.2197−0.1731i
76.3	−0.1472−0.7147i	1.4551−1.0327i	0.7675−0.8257i	0.5430−0.9758i	0.1651−0.1064i	0.0931−0.0414i	0.2617−0.0917i	0.2128−0.1811i
76.4	−0.1413−0.6823i	1.4547−1.0839i	0.7613−0.8372i	0.5343−0.9769i	0.1599−0.1109i	0.0892−0.0455i	0.2585−0.1039i	0.2078−0.1853i
76.5	−0.1576−0.6602i	1.4387−1.1107i	0.7567−0.8434i	0.5115−0.9757i	0.1532−0.1150i	0.0842−0.0498i	0.2540−0.1137i	0.1958−0.1874i
76.6	−0.1568−0.6418i	1.4031−1.1347i	0.7363−0.8390i	0.4998−1.0105i	0.1489−0.1190i	0.0817−0.0494i	0.2411−0.1216i	0.1866−0.1871i
76.7	−0.1470−0.6575i	1.4022−1.1702i	0.7336−0.8513i	0.5183−1.0224i	0.1437−0.1203i	0.0808−0.0487i	0.2346−0.1255i	0.1827−0.1861i
76.8	−0.1606−0.6007i	1.4180−1.3126i	0.7531−0.8807i	0.5048−1.0513i	0.1440−0.1274i	0.0811−0.0541i	0.2411−0.1455i	0.1811−0.2024i
76.9	−0.1239−0.5795i	1.3725−1.3541i	0.7375−0.8906i	0.4755−1.0622i	0.1365−0.1286i	0.0731−0.0576i	0.2272−0.1569i	0.1724−0.2043i
77.0	−0.1106−0.5651i	1.3350−1.3606i	0.7256−0.9038i	0.4453−1.0813i	0.1311−0.1332i	0.0682−0.0603i	0.2122−0.1661i	0.1578−0.2036i
77.1	−0.1140−0.4566i	1.2476−1.4973i	0.7072−0.8911i	0.4220−1.0939i	0.1270−0.1419i	0.0667−0.0659i	0.1999−0.1856i	0.1491−0.2153i
77.2	−0.1190−0.4613i	1.2512−1.5230i	0.7073−0.9156i	0.4249−1.1032i	0.1227−0.1424i	0.0637−0.0650i	0.1982−0.1897i	0.1477−0.2118i
77.3	−0.0792−0.4638i	1.1309−1.5527i	0.6696−0.9460i	0.3788−1.1063i	0.1141−0.1468i	0.0575−0.0668i	0.1793−0.1978i	0.1367−0.2163i
77.4	−0.0580−0.4545i	1.0982−1.5637i	0.6666−0.9446i	0.3556−1.1037i	0.1037−0.1491i	0.0496−0.0678i	0.1615−0.2000i	0.1187−0.2102i
77.5	−0.0098−0.4389i	1.0635−1.5558i	0.6864−0.9325i	0.3440−1.1083i	0.0995−0.1455i	0.0458−0.0651i	0.1506−0.1976i	0.1183−0.2057i
77.6	0.0001−0.4104i	0.9769−1.5899i	0.6520−0.9432i	0.3227−1.0958i	0.0936−0.1464i	0.0410−0.0646i	0.1322−0.2032i	0.1143−0.2059i
77.7	0.0211−0.3986i	0.9442−1.5581i	0.6347−0.9346i	0.3189−1.0524i	0.0877−0.1458i	0.0378−0.0655i	0.1229−0.2011i	0.1016−0.2071i
77.8	0.0718−0.3381i	0.8299−1.6329i	0.6077−0.9577i	0.2760−1.0487i	0.0803−0.1489i	0.0370−0.0697i	0.1116−0.2102i	0.0948−0.2132i
77.9	0.1042−0.3540i	0.7916−1.6452i	0.6226−0.9712i	0.2617−1.0799i	0.0775−0.1489i	0.0332−0.0705i	0.1000−0.2141i	0.0879−0.2116i
78.0	0.1218−0.3612i	0.7251−1.6504i	0.5835−0.9858i	0.2471−1.0777i	0.0718−0.1503i	0.0317−0.0701i	0.0861−0.2194i	0.0797−0.2083i
78.1	0.1523−0.3571i	0.6529−1.6543i	0.5602−0.9850i	0.2302−1.0777i	0.0650−0.1524i	0.0251−0.0706i	0.0706−0.2204i	0.0736−0.2069i
78.2	0.2031−0.3435i	0.6008−1.6820i	0.5609−0.9826i	0.2086−1.0828i	0.0602−0.1531i	0.0230−0.0734i	0.0626−0.2211i	0.0749−0.2156i
78.3	0.2306−0.3598i	0.5396−1.6480i	0.5516−0.9674i	0.2164−1.0501i	0.0561−0.1516i	0.0199−0.0741i	0.0500−0.2188i	0.0671−0.2141i
78.4	0.2760−0.3496i	0.4965−1.6537i	0.5678−0.9823i	0.2074−1.0655i	0.0529−0.1556i	0.0168−0.0789i	0.0398−0.2246i	0.0607−0.2219i
78.5	0.2825−0.3449i	0.4490−1.6981i	0.5477−0.9975i	0.1571−1.0980i	0.0496−0.1598i	0.0172−0.0812i	0.0336−0.2287i	0.0569−0.2271i
78.6	0.3226−0.3682i	0.4320−1.6245i	0.5625−0.9843i	0.1542−1.0954i	0.0435−0.1605i	0.0075−0.0816i	0.0148−0.2233i	0.0490−0.2267i
78.7	0.3751−0.3896i	0.3886−1.6139i	0.5585−0.9829i	0.1386−1.0781i	0.0396−0.1659i	0.0037−0.0878i	0.0037−0.2312i	0.0397−0.2327i
78.8	0.4693−0.4539i	0.3472−1.5745i	0.6171−1.0183i	0.1377−1.1061i	0.0313−0.1773i	−0.0047−0.0939i	−0.0169−0.2436i	0.0266−0.2485i
78.9	0.5124−0.5898i	0.2934−1.5440i	0.6361−1.0690i	0.1258−1.1414i	0.0122−0.1856i	−0.0229−0.1011i	−0.0595−0.2506i	0.0048−0.2567i
79.0	0.3584−0.6675i	0.2297−1.5898i	0.5346−1.1354i	0.0165−1.1779i	−0.0173−0.1732i	−0.0422−0.0879i	−0.1037−0.2076i	−0.0238−0.2510i
79.1	0.2495−0.5939i	0.2142−1.5222i	0.4546−1.0831i	−0.0478−1.0963i	−0.0226−0.1486i	−0.0404−0.0672i	−0.0959−0.1631i	−0.0233−0.2251i
79.2	0.2585−0.5306i	0.2060−1.5186i	0.4405−1.0580i	−0.0618−1.0531i	−0.0183−0.1410i	−0.0348−0.0603i	−0.0844−0.1546i	−0.0230−0.2125i
79.3	0.3523−0.4722i	0.1640−1.4830i	0.4615−1.0336i	−0.0249−1.0175i	−0.0160−0.1421i	−0.0343−0.0654i	−0.0838−0.1554i	−0.0316−0.2182i
79.4	0.3662−0.4718i	0.1057−1.4825i	0.4375−1.0273i	−0.0146−0.9966i	−0.0191−0.1353i	−0.0368−0.0610i	−0.0921−0.1445i	−0.0346−0.2126i
79.5	0.3735−0.5168i	0.1067−1.5263i	0.4324−1.0512i	−0.0193−1.0097i	−0.0238−0.1324i	−0.0454−0.0551i	−0.1011−0.1311i	−0.0454−0.2080i
79.6	0.4213−0.5874i	0.1053−1.4148i	0.4623−1.0562i	−0.0135−0.9931i	−0.0312−0.1270i	−0.0527−0.0522i	−0.1122−0.1204i	−0.0588−0.2081i
79.7	0.4080−0.5777i	0.0053−1.4305i	0.4453−1.0793i	−0.0644−1.0010i	−0.0340−0.1242i	−0.0547−0.0496i	−0.1144−0.1035i	−0.0604−0.2012i
79.8	0.4229−0.5686i	−0.0238−1.4717i	0.4340−1.1031i	−0.0933−1.0084i	−0.0377−0.1214i	−0.0587−0.0441i	−0.1230−0.0847i	−0.0721−0.2014i
79.9	0.4029−0.6393i	0.0540−1.4356i	0.4441−1.1365i	−0.0530−1.0062i	−0.0401−0.1075i	−0.0617−0.0320i	−0.1218−0.0487i	−0.0843−0.1920i
80.0	0.4204−0.6653i	−0.0054−1.3968i	0.3949−1.1117i	−0.0702−0.9930i	−0.0368−0.1005i	−0.0589−0.0235i	−0.1161−0.0388i	−0.0809−0.1787i

1.1.18 Run 5 – VTC – SF and shaft bending gauges

Vertical shaking on center. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0711+0.0000i	-0.0327+0.0000i	-0.0747+0.0000i	-0.0421+0.0000i	7.6582+0.0000i	3.6061+0.0000i	3.9607+0.0000i	-3.0775+0.0000i
0.1	0.0124-0.0036i	-0.0059+0.0018i	0.0036+0.0051i	-0.0218+0.0018i	0.5475-0.4666i	0.3799-0.1755i	0.1395-0.2443i	-0.7725+0.1699i
0.2	0.0015-0.0002i	0.0003+0.0002i	0.0190+0.0002i	-0.0172-0.0001i	-0.7438-0.0458i	-0.4627+0.0991i	-0.5046-0.0331i	-0.4672+0.0629i
0.3	0.0025-0.0046i	0.0014-0.0045i	0.0197-0.0052i	-0.0162-0.0044i	-0.5704-0.5920i	-0.7450+1.5342i	-0.3331-0.6213i	-0.6791+1.0548i
0.4	-0.0047-0.0048i	-0.0062-0.0052i	0.0130-0.0058i	-0.0231-0.0046i	-1.1920-0.7855i	1.4624+1.6525i	-1.0652-0.7777i	0.8843+1.1564i
0.5	-0.0071+0.0021i	-0.0088+0.0019i	0.0103+0.0007i	-0.0258+0.0021i	-1.4455-0.5206i	2.2372-0.4405i	-1.3481-0.3261i	1.4619-0.3536i
0.6	0.0007+0.0030i	-0.0009+0.0028i	0.0174+0.0016i	-0.0179+0.0031i	-1.7212-0.3186i	0.0141-0.7019i	-1.3195-0.1177i	-0.2183-0.5595i
0.7	0.0024-0.0004i	0.0010+0.0001i	0.0189-0.0006i	-0.0162+0.0003i	-1.5472-0.0050i	-0.4258+0.0511i	-1.1049+0.0352i	-0.5304+0.0400i
0.8	0.0020-0.0047i	0.0007-0.0047i	0.0185-0.0049i	-0.0166-0.0040i	-1.2900-0.0352i	-0.2859+1.2148i	-0.9067-0.1095i	-0.4047+0.8946i
0.9	-0.0089-0.0061i	-0.0102-0.0069i	0.0089-0.0068i	-0.0272-0.0058i	-1.0616-0.1840i	2.3593+1.6024i	-0.9992-0.2723i	1.5725+1.1935i
1.0	-0.0078-0.0013i	-0.0092-0.0014i	0.0096-0.0021i	-0.0263-0.0006i	-1.4250-0.5530i	2.0851+0.3578i	-1.2577-0.4166i	1.3365+0.2324i
1.1	-0.0045-0.0001i	-0.0059+0.0001i	0.0125-0.0009i	-0.0232+0.0005i	-1.8127-0.3089i	1.3181+0.0178i	-1.4681-0.1863i	0.7293+0.0015i
1.2	-0.0037+0.0000i	-0.0050+0.0001i	0.0133-0.0009i	-0.0223+0.0008i	-1.7621+0.0130i	1.0714-0.0484i	-1.3891+0.0662i	0.5574-0.0117i
1.3	-0.0034-0.0001i	-0.0049-0.0000i	0.0136-0.0010i	-0.0220+0.0005i	-1.7570+0.0315i	1.0060-0.0419i	-1.3766+0.0891i	0.5065-0.0036i
1.4	-0.0032+0.0001i	-0.0048+0.0002i	0.0138-0.0007i	-0.0217+0.0008i	-1.8165+0.0741i	0.9454-0.0463i	-1.4068+0.1121i	0.4596-0.0101i
1.5	-0.0032+0.0002i	-0.0047+0.0008i	0.0136-0.0003i	-0.0216+0.0011i	-1.9367+0.1550i	0.9400-0.0737i	-1.4973+0.1729i	0.4387-0.0196i
1.6	-0.0034-0.0001i	-0.0046+0.0008i	0.0135-0.0005i	-0.0215+0.0010i	-2.0915+0.2413i	0.9433-0.1024i	-1.6083+0.2403i	0.4251-0.0281i
1.7	-0.0038-0.0001i	-0.0047+0.0006i	0.0135-0.0006i	-0.0214+0.0009i	-2.2390+0.3920i	0.9620-0.1283i	-1.7030+0.3577i	0.4223-0.0352i
1.8	-0.0041+0.0006i	-0.0054+0.0008i	0.0133-0.0003i	-0.0218+0.0012i	-2.5232+0.8928i	1.0171-0.2482i	-1.9036+0.7281i	0.4335-0.0642i
1.9	-0.0048+0.0019i	-0.0054+0.0018i	0.0128+0.0005i	-0.0221+0.0021i	-2.2376+1.7410i	0.9373-0.4555i	-1.6770+1.3544i	0.4103-0.1238i
2.0	-0.0057+0.0040i	-0.0062+0.0035i	0.0121+0.0018i	-0.0228+0.0032i	-1.0435+2.1071i	0.6804-0.5743i	-0.7693+1.6155i	0.3539-0.1713i
2.1	-0.0038+0.0106i	-0.0048+0.0086i	0.0133+0.0057i	-0.0216+0.0069i	-0.7630+1.8570i	0.5642-0.5919i	-0.5521+1.4267i	0.3013-0.2017i
2.2	0.0027+0.0078i	0.0005+0.0065i	0.0173+0.0040i	-0.0178+0.0052i	-0.3186+1.4505i	0.3501-0.4686i	-0.2350+1.1122i	0.2052-0.1705i
2.3	0.0016-0.0004i	0.0001+0.0003i	0.0170-0.0008i	-0.0182+0.0008i	-0.0134+1.0642i	0.2124-0.2887i	-0.0448+0.8343i	0.1327-0.0985i
2.4	0.0001-0.0004i	-0.0011+0.0003i	0.0165-0.0008i	-0.0189+0.0011i	-0.0680+1.0797i	0.2760-0.2122i	-0.0413+0.8838i	0.1699-0.0329i
2.5	-0.0003-0.0001i	-0.0011+0.0004i	0.0164-0.0009i	-0.0191+0.0009i	0.2217+0.7525i	0.2459-0.1421i	0.2141+0.5886i	0.1784-0.0192i
2.6	-0.0006+0.0001i	-0.0015+0.0003i	0.0161-0.0007i	-0.0196+0.0009i	0.0323+0.4207i	0.2958-0.0817i	0.0530+0.3300i	0.1892-0.0077i
2.7	-0.0008+0.0002i	-0.0019+0.0000i	0.0158-0.0009i	-0.0198+0.0008i	-0.1897+0.2334i	0.3590-0.0415i	-0.1347+0.1839i	0.2115+0.0077i
2.8	-0.0005+0.0001i	-0.0021+0.0000i	0.0157-0.0008i	-0.0196+0.0008i	-0.3521+0.2446i	0.3783-0.0400i	-0.2495+0.1950i	0.2175+0.0113i
2.9	-0.0007+0.0001i	-0.0022+0.0002i	0.0158-0.0008i	-0.0195+0.0008i	-0.1963+0.2264i	0.3531-0.0196i	-0.1309+0.1841i	0.2187+0.0214i
3.0	-0.0009+0.0002i	-0.0023+0.0003i	0.0155-0.0007i	-0.0195+0.0009i	-0.2325+0.0333i	0.3955+0.0287i	-0.1669+0.0415i	0.2424+0.0281i
3.1	-0.0011-0.0001i	-0.0023+0.0005i	0.0153-0.0005i	-0.0196+0.0010i	-0.5265+0.0116i	0.4568+0.0122i	-0.3907+0.0294i	0.2544+0.0145i
3.2	-0.0016+0.0000i	-0.0023+0.0005i	0.0156-0.0005i	-0.0199+0.0009i	-0.7512+0.1517i	0.4556-0.0094i	-0.5564+0.1231i	0.2312+0.0171i
3.3	-0.0012+0.0003i	-0.0021+0.0004i	0.0157-0.0005i	-0.0198+0.0013i	-0.2122+0.7115i	0.4330-0.0814i	-0.1474+0.5401i	0.2732+0.0348i
3.4	-0.0010+0.0003i	-0.0019+0.0006i	0.0158-0.0006i	-0.0198+0.0010i	0.1769+0.3713i	0.3902-0.0508i	0.1477+0.2782i	0.2886+0.0178i
3.5	-0.0013+0.0012i	-0.0016+0.0009i	0.0160-0.0010i	-0.0196+0.0004i	0.1426+0.0015i	0.3531-0.0065i	0.1224-0.0160i	0.2661+0.0020i
3.6	-0.0004+0.0018i	-0.0015+0.0008i	0.0163-0.0003i	-0.0194+0.0007i	-0.0137-0.5601i	0.3743+0.0145i	-0.0131-0.4295i	0.2657-0.0678i
3.7	-0.0006-0.0005i	-0.0028-0.0012i	0.0157-0.0017i	-0.0202+0.0003i	-1.1812-0.1869i	0.5325+0.0404i	-0.8864-0.1278i	0.2235-0.0157i
3.8	-0.0012-0.0005i	-0.0027-0.0005i	0.0155-0.0013i	-0.0204+0.0005i	-1.0429-0.0673i	0.5219+0.0031i	-0.7813-0.0365i	0.2316-0.0153i
3.9	-0.0013-0.0000i	-0.0026+0.0001i	0.0156-0.0009i	-0.0204+0.0009i	-0.9304+0.0642i	0.5044-0.0477i	-0.6937+0.0642i	0.2326-0.0326i
4.0	-0.0011+0.0002i	-0.0024+0.0004i	0.0158-0.0006i	-0.0202+0.0011i	-0.7836+0.0650i	0.4580-0.0490i	-0.5805+0.0626i	0.2142-0.0308i
4.1	-0.0008+0.0000i	-0.0021+0.0003i	0.0159-0.0008i	-0.0200+0.0010i	-0.7447-0.0201i	0.4512-0.0127i	-0.5517-0.0036i	0.2132-0.0114i
4.2	-0.0007-0.0002i	-0.0021+0.0001i	0.0160-0.0009i	-0.0202+0.0008i	-0.7920-0.0252i	0.4803+0.0015i	-0.5893-0.0083i	0.2286-0.0007i
4.3	-0.0008-0.0005i	-0.0021+0.0000i	0.0162-0.0009i	-0.0205+0.0007i	-0.7759+0.0510i	0.4976-0.0188i	-0.5757+0.0497i	0.2433-0.0031i
4.4	-0.0010-0.0006i	-0.0021-0.0003i	0.0162-0.0009i	-0.0205+0.0006i	-0.6927+0.1035i	0.4985-0.0472i	-0.5152+0.0871i	0.2505-0.0146i
4.5	-0.0012-0.0009i	-0.0024-0.0005i	0.0163-0.0012i	-0.0206+0.0005i	-0.5984+0.0685i	0.4767-0.0420i	-0.4446+0.0462i	0.2469-0.0165i
4.6	-0.0012-0.0012i	-0.0027-0.0007i	0.0159-0.0015i	-0.0207+0.0005i	-0.5443+0.0171i	0.4799-0.0434i	-0.4048+0.0040i	0.2555-0.0196i
4.7	-0.0018-0.0016i	-0.0034-0.0007i	0.0157-0.0018i	-0.0211+0.0004i	-0.4712-0.0385i	0.4851-0.0700i	-0.3562-0.0330i	0.2649-0.0337i
4.8	-0.0042-0.0013i	-0.0046-0.0001i	0.0152-0.0019i	-0.0220+0.0007i	-0.4503-0.1906i	0.4574-0.0978i	-0.3456-0.1441i	0.2573-0.0593i
4.9	-0.0048+0.0016i	-0.0044+0.0021i	0.0147-0.0000i	-0.0218+0.0026i	-0.5025-0.3446i	0.3792-0.1043i	-0.4107-0.2608i	0.2226-0.0762i
5.0	-0.0009+0.0018i	-0.0012+0.0011i	0.0169+0.0002i	-0.0204+0.0020i	-0.8026-0.3220i	0.3825+0.0698i	-0.6387-0.2362i	0.2054-0.0004i
5.1	-0.0012+0.0010i	-0.0018+0.0007i	0.0171-0.0002i	-0.0211+0.0014i	-0.8281-0.1870i	0.4777+0.0501i	-0.6420-0.1291i	0.2490+0.0030i
5.2	-0.0014+0.0017i	-0.0019+0.0019i	0.0171+0.0004i	-0.0212+0.0020i	-0.6881-0.0701i	0.4697-0.0714i	-0.5426-0.0557i	0.2594-0.0460i
5.3	-0.0008+0.0019i	-0.0009+0.0022i	0.0171+0.0006i	-0.0207+0.0023i	-0.4552-0.0326i	0.3821-0.1381i	-0.3802-0.0435i	0.2414-0.0747i
5.4	0.0001+0.0013i	0.0010+0.0024i	0.0181+0.0007i	-0.0201+0.0026i	-0.1388-0.2373i	0.1718-0.1475i	-0.1885-0.2062i	0.1696-0.1111i
5.5	0.0012+0.0007i	0.0034-0.0006i	0.0201-0.0009i	-0.0190+0.0012i	-0.2183-0.8917i	-0.0245+0.1833i	-0.3197-0.6468i	0.0394-0.0454i
5.6	0.0022-0.0027i	0.0013-0.0057i	0.0195-0.0043i	-0.0199-0.0024i	-1.0507-1.0000i	0.3426+0.5498i	-0.8777-0.6591i	0.1177+0.1573i

5.7	0.0000-0.0056i	-0.0027-0.0073i	0.0180-0.0054i	-0.0228-0.0038i	-1.3426-0.7202i	0.5860+0.5161i	-1.0357-0.4205i	0.2081+0.1919i
5.8	-0.0028-0.0038i	-0.0050-0.0047i	0.0169-0.0038i	-0.0249-0.0019i	-1.2308-0.4535i	0.6677+0.3193i	-0.9333-0.2572i	0.2663+0.1185i
5.9	-0.0047-0.0028i	-0.0069-0.0033i	0.0158-0.0033i	-0.0263-0.0009i	-1.1572-0.3346i	0.7154+0.2395i	-0.8812-0.1833i	0.3069+0.0960i
6.0	-0.0055-0.0003i	-0.0074-0.0009i	0.0158-0.0018i	-0.0269+0.0008i	-1.0788-0.2727i	0.7126+0.1597i	-0.8358-0.1437i	0.3135+0.0601i
6.1	-0.0042+0.0020i	-0.0060+0.0014i	0.0171-0.0004i	-0.0266+0.0024i	-0.9707-0.2345i	0.6671+0.1010i	-0.7634-0.1175i	0.3015+0.0338i
6.2	-0.0020+0.0023i	-0.0041+0.0019i	0.0189-0.0003i	-0.0259+0.0030i	-0.8522-0.2471i	0.6098+0.0754i	-0.6906-0.1242i	0.2841+0.0226i
6.3	-0.0012+0.0018i	-0.0035+0.0017i	0.0198-0.0006i	-0.0258+0.0030i	-0.7810-0.2528i	0.5853+0.0617i	-0.6482-0.1283i	0.2779+0.0138i
6.4	-0.0009+0.0012i	-0.0031+0.0013i	0.0208-0.0012i	-0.0263+0.0031i	-0.6703-0.2858i	0.5536+0.0651i	-0.5799-0.1509i	0.2720+0.0121i
6.5	-0.0004+0.0012i	-0.0026+0.0013i	0.0219-0.0016i	-0.0269+0.0033i	-0.5483-0.3209i	0.5300+0.0686i	-0.5078-0.1699i	0.2714+0.0108i
6.6	0.0001+0.0005i	-0.0022+0.0011i	0.0232-0.0024i	-0.0277+0.0036i	-0.3926-0.4036i	0.5042+0.0704i	-0.4262-0.2183i	0.2691+0.0026i
6.7	-0.0000-0.0001i	-0.0021+0.0008i	0.0248-0.0034i	-0.0292+0.0041i	-0.1880-0.5146i	0.4587+0.0935i	-0.3103-0.2819i	0.2590+0.0095i
6.8	-0.0000-0.0004i	-0.0021+0.0007i	0.0268-0.0046i	-0.0314+0.0052i	0.1412-0.6728i	0.4047+0.1235i	-0.1260-0.3707i	0.2568+0.0172i
6.9	0.0003-0.0006i	-0.0020+0.0010i	0.0298-0.0068i	-0.0342+0.0077i	0.5809-1.0248i	0.3369+0.1938i	0.1214-0.5727i	0.2546+0.0296i
7.0	0.0016-0.0010i	-0.0004+0.0013i	0.0339-0.0144i	-0.0366+0.0157i	1.0414-2.2891i	0.2474+0.3891i	0.3773-1.2791i	0.2420+0.0395i
7.1	0.0025-0.0033i	0.0012-0.0003i	0.0315-0.0260i	-0.0323+0.0251i	0.4542-3.9308i	0.3260+0.6571i	0.0403-2.1905i	0.2384+0.0566i
7.2	-0.0001-0.0074i	0.0002-0.0039i	0.0185-0.0347i	-0.0210+0.0291i	-1.4935-4.8709i	0.6782+0.8516i	-1.0523-2.7155i	0.2831+0.0851i
7.3	-0.0091-0.0057i	-0.0060-0.0036i	-0.0009-0.0278i	-0.0107+0.0231i	-3.8911-3.9450i	1.1653+0.6768i	-2.3967-2.1906i	0.3617+0.0655i
7.4	-0.0091-0.0000i	-0.0061-0.0000i	-0.0054-0.0178i	-0.0058+0.0190i	-4.8259-2.8957i	1.2816+0.4407i	-2.9135-1.5919i	0.3524+0.0232i
7.5	-0.0049+0.0023i	-0.0035+0.0010i	-0.0023-0.0076i	-0.0046+0.0104i	-4.7832-1.2561i	1.2098+0.1711i	-2.8810-0.6800i	0.3205+0.0035i
7.6	-0.0038+0.0012i	-0.0029+0.0002i	0.0011-0.0055i	-0.0071+0.0069i	-4.2905-0.7373i	1.1145+0.1169i	-2.5995-0.3979i	0.3088+0.0124i
7.7	-0.0039+0.0009i	-0.0032+0.0001i	0.0041-0.0044i	-0.0105+0.0051i	-3.8165-0.5021i	1.0477+0.1050i	-2.3352-0.2731i	0.3103+0.0272i
7.8	-0.0033+0.0008i	-0.0029-0.0000i	0.0063-0.0042i	-0.0123+0.0046i	-3.6239-0.4968i	1.0308+0.1157i	-2.2286-0.2704i	0.3185+0.0367i
7.9	-0.0027+0.0004i	-0.0024-0.0002i	0.0073-0.0041i	-0.0128+0.0044i	-3.6736-0.4482i	1.0356+0.1085i	-2.2580-0.2449i	0.3167+0.0346i
8.0	-0.0028+0.0000i	-0.0025-0.0005i	0.0077-0.0038i	-0.0133+0.0036i	-3.6903-0.2695i	1.0385+0.0805i	-2.2697-0.1473i	0.3175+0.0308i
8.1	-0.0034-0.0000i	-0.0029-0.0005i	0.0083-0.0034i	-0.0145+0.0032i	-3.6695-0.1202i	1.0489+0.0696i	-2.2663-0.0639i	0.3265+0.0377i
8.2	-0.0029+0.0002i	-0.0025-0.0005i	0.0091-0.0032i	-0.0149+0.0032i	-3.7206+0.0261i	1.0616+0.0469i	-2.2949+0.0293i	0.3329+0.0393i
8.3	-0.0025+0.0001i	-0.0022-0.0008i	0.0098-0.0029i	-0.0154+0.0026i	-3.7658+0.2260i	1.0738+0.0420i	-2.3251+0.1393i	0.3367+0.0558i
8.4	-0.0027-0.0003i	-0.0021-0.0008i	0.0103-0.0028i	-0.0160+0.0023i	-3.7774+0.3571i	1.0951+0.0334i	-2.3327+0.2069i	0.3518+0.0617i
8.5	-0.0027-0.0004i	-0.0019-0.0011i	0.0110-0.0029i	-0.0168+0.0020i	-3.8196+0.5298i	1.1214-0.0077i	-2.3620+0.2938i	0.3660+0.0467i
8.6	-0.0029-0.0004i	-0.0019-0.0013i	0.0116-0.0031i	-0.0174+0.0020i	-3.8845+0.6594i	1.1301-0.0327i	-2.4000+0.3766i	0.3674+0.0423i
8.7	-0.0031-0.0005i	-0.0019-0.0015i	0.0123-0.0032i	-0.0181+0.0024i	-4.0163+0.8865i	1.1582-0.0998i	-2.4855+0.5089i	0.3705+0.0188i
8.8	-0.0032-0.0002i	-0.0019-0.0019i	0.0129-0.0039i	-0.0189+0.0028i	-4.1593+1.2189i	1.1806-0.1626i	-2.5696+0.6945i	0.3745+0.0067i
8.9	-0.0028-0.0002i	-0.0015-0.0021i	0.0137-0.0045i	-0.0193+0.0031i	-4.3066+1.5243i	1.1867-0.2118i	-2.6538+0.8778i	0.3646+0.0023i
9.0	-0.0029-0.0008i	-0.0015-0.0032i	0.0141-0.0062i	-0.0196+0.0037i	-4.3459+2.1961i	1.2012-0.3115i	-2.6735+1.2655i	0.3696-0.0023i
9.1	-0.0035-0.0011i	-0.0021-0.0041i	0.0134-0.0071i	-0.0200+0.0041i	-4.1103+2.6027i	1.1679-0.3539i	-2.5305+1.4964i	0.3712+0.0062i
9.2	-0.0039-0.0010i	-0.0018-0.0049i	0.0144-0.0086i	-0.0210+0.0055i	-4.4593+3.4061i	1.2252-0.4823i	-2.7310+1.9600i	0.3791-0.0046i
9.3	-0.0040-0.0011i	-0.0025-0.0065i	0.0133-0.0116i	-0.0201+0.0074i	-3.8334+4.7304i	1.1355-0.6624i	-2.3718+2.7011i	0.3772-0.0047i
9.4	-0.0045-0.0008i	-0.0054-0.0075i	0.0089-0.0134i	-0.0176+0.0086i	-1.7916+5.5610i	0.8472-0.7792i	-1.2128+3.1716i	0.3738-0.0069i
9.5	-0.0048-0.0005i	-0.0078-0.0067i	0.0051-0.0120i	-0.0153+0.0074i	0.0296+4.8425i	0.5906-0.6590i	-0.1842+2.7523i	0.3690+0.0053i
9.6	-0.0046-0.0004i	-0.0090-0.0050i	0.0033-0.0093i	-0.0144+0.0056i	0.8951+3.5570i	0.4820-0.4726i	0.2938+2.0354i	0.3733+0.0111i
9.7	-0.0047-0.0001i	-0.0091-0.0034i	0.0035-0.0065i	-0.0150+0.0039i	0.8382+2.2717i	0.4931-0.2854i	0.2647+1.3099i	0.3757+0.0155i
9.8	-0.0047-0.0001i	-0.0089-0.0028i	0.0039-0.0050i	-0.0155+0.0030i	0.5696+1.6027i	0.5210-0.1717i	0.1234+0.9152i	0.3695+0.0281i
9.9	-0.0048-0.0002i	-0.0087-0.0023i	0.0044-0.0040i	-0.0162+0.0024i	0.2937+1.1930i	0.5837-0.0973i	-0.0486+0.6810i	0.3855+0.0377i
10.0	-0.0052-0.0002i	-0.0089-0.0018i	0.0047-0.0034i	-0.0169+0.0022i	0.0390+0.9050i	0.6476-0.0762i	-0.2004+0.5174i	0.4040+0.0247i
10.1	-0.0053+0.0000i	-0.0088-0.0014i	0.0054-0.0030i	-0.0174+0.0022i	-0.2176+0.7448i	0.6774-0.0393i	-0.3403+0.4256i	0.4013+0.0343i
10.2	-0.0054-0.0001i	-0.0086-0.0013i	0.0058-0.0030i	-0.0179+0.0021i	-0.4262+0.6465i	0.7242-0.0060i	-0.4570+0.3625i	0.4078+0.0463i
10.3	-0.0058-0.0004i	-0.0089-0.0015i	0.0058-0.0032i	-0.0185+0.0023i	-0.6072+0.6216i	0.8064-0.0052i	-0.5670+0.3587i	0.4412+0.0459i
10.4	-0.0061-0.0000i	-0.0095-0.0011i	0.0055-0.0032i	-0.0190+0.0025i	-0.6743+0.6233i	0.8432-0.0171i	-0.6111+0.3639i	0.4575+0.0395i
10.5	-0.0064+0.0004i	-0.0099-0.0005i	0.0052-0.0027i	-0.0192+0.0026i	-0.6969+0.5897i	0.8735-0.0197i	-0.6317+0.3466i	0.4743+0.0362i
10.6	-0.0063+0.0014i	-0.0098+0.0003i	0.0052-0.0017i	-0.0189+0.0033i	-0.7358+0.5333i	0.8925-0.0408i	-0.6530+0.3128i	0.4839+0.0190i
10.7	-0.0065+0.0016i	-0.0096+0.0007i	0.0051-0.0012i	-0.0190+0.0031i	-0.7879+0.4293i	0.9217-0.0344i	-0.6836+0.2549i	0.4968+0.0149i
10.8	-0.0064+0.0017i	-0.0095+0.0009i	0.0054-0.0010i	-0.0194+0.0029i	-0.8609+0.3542i	0.9541-0.0334i	-0.7273+0.2166i	0.5097+0.0109i
10.9	-0.0059+0.0016i	-0.0091+0.0011i	0.0061-0.0008i	-0.0193+0.0029i	-0.9673+0.3267i	0.9673-0.0401i	-0.7880+0.2007i	0.5083+0.0026i
11.0	-0.0058+0.0017i	-0.0089+0.0015i	0.0063-0.0005i	-0.0192+0.0030i	-1.0445+0.2931i	0.9788-0.0588i	-0.8368+0.1824i	0.5102-0.0109i
11.1	-0.0060+0.0019i	-0.0090+0.0019i	0.0064-0.0003i	-0.0197+0.0031i	-1.1171+0.2685i	1.0064-0.0666i	-0.8798+0.1699i	0.5221-0.0167i
11.2	-0.0058+0.0021i	-0.0088+0.0021i	0.0067-0.0001i	-0.0199+0.0031i	-1.2023+0.2713i	1.0396-0.0658i	-0.9286+0.1694i	0.5368-0.0174i
11.3	-0.0059+0.0018i	-0.0087+0.0021i	0.0069-0.0001i	-0.0197+0.0030i	-1.2546+0.2513i	1.0412-0.0543i	-0.9608+0.1590i	0.5291-0.0120i
11.4	-0.0058+0.0018i	-0.0086+0.0021i	0.0071+0.0001i	-0.0200+0.0031i	-1.3353+0.2222i	1.0534-0.0561i	-1.0002+0.1402i	0.5294-0.0165i
11.5	-0.0058+0.0019i	-0.0087+0.0022i	0.0073+0.0002i	-0.0204+0.0032i	-1.4021+0.2097i	1.0748-0.0575i	-1.0399+0.1293i	0.5369-0.0180i
11.6	-0.0059+0.0017i	-0.0088+0.0021i	0.0074-0.0004i	-0.0204+0.0030i	-1.4724+0.1980i	1.1102-0.0440i	-1.0863+0.1250i	0.5543-0.0087i
11.7	-0.0060+0.0015i	-0.0085+0.0021i	0.0075-0.0001i	-0.0205+0.0029i	-1.5426+0.1859i	1.1316-0.0484i	-1.1369+0.1207i	0.5617-0.0129i
11.8	-0.0062+0.0014i	-0.0084+0.0018i	0.0076-0.0002i	-0.0207+0.0028i	-1.5852+0.2004i	1.1466-0.0703i	-1.1660+0.1286i	0.5652-0.0277i
11.9	-0.0065+0.0013i	-0.0087+0.0017i	0.0075-0.0004i	-0.0211+0.0027i	-1.6698+0.2064i	1.1972-0.0767i	-1.2116+0.1306i	0.5885-0.0274i

12.0	-0.0066+0.0013i	-0.0090+0.0015i	0.0074-0.0008i	-0.0213+0.0027i	-1.7446+0.2447i	1.2375-0.0630i	-1.2550+0.1461i	0.6077-0.0194i
12.1	-0.0071+0.0012i	-0.0093+0.0013i	0.0073-0.0008i	-0.0220+0.0029i	-1.8039+0.2555i	1.2657-0.0588i	-1.2932+0.1544i	0.6220-0.0170i
12.2	-0.0076+0.0011i	-0.0094+0.0010i	0.0073-0.0008i	-0.0223+0.0028i	-1.8600+0.2741i	1.2828-0.0703i	-1.3330+0.1678i	0.6243-0.0208i
12.3	-0.0079+0.0011i	-0.0098+0.0010i	0.0073-0.0008i	-0.0225+0.0028i	-1.9279+0.3094i	1.3165-0.0598i	-1.3800+0.1878i	0.6390-0.0148i
12.4	-0.0086+0.0011i	-0.0106+0.0012i	0.0067-0.0010i	-0.0230+0.0031i	-2.0101+0.3379i	1.3972-0.0703i	-1.4294+0.2084i	0.6798-0.0179i
12.5	-0.0092+0.0011i	-0.0113+0.0011i	0.0060-0.0012i	-0.0237+0.0030i	-2.0249+0.3796i	1.4550-0.0867i	-1.4489+0.2349i	0.7101-0.0214i
12.6	-0.0093+0.0010i	-0.0116+0.0012i	0.0056-0.0012i	-0.0241+0.0031i	-2.0425+0.4092i	1.4741-0.0944i	-1.4603+0.2531i	0.7215-0.0221i
12.7	-0.0107+0.0010i	-0.0129+0.0011i	0.0047-0.0010i	-0.0251+0.0032i	-2.0731+0.4138i	1.5663-0.0936i	-1.4812+0.2552i	0.7737-0.0202i
12.8	-0.0115+0.0019i	-0.0137+0.0021i	0.0040-0.0005i	-0.0256+0.0038i	-2.1032+0.4079i	1.6246-0.1505i	-1.5061+0.2593i	0.8083-0.0554i
12.9	-0.0118+0.0025i	-0.0142+0.0030i	0.0036-0.0000i	-0.0259+0.0043i	-2.1590+0.4155i	1.6459-0.1979i	-1.5393+0.2592i	0.8173-0.0829i
13.0	-0.0125+0.0035i	-0.0147+0.0039i	0.0035+0.0006i	-0.0263+0.0049i	-2.2280+0.4140i	1.7103-0.2500i	-1.5800+0.2638i	0.8497-0.1110i
13.1	-0.0128+0.0044i	-0.0154+0.0050i	0.0034+0.0012i	-0.0265+0.0056i	-2.2959+0.3846i	1.7474-0.2918i	-1.6229+0.2594i	0.8697-0.1383i
13.2	-0.0125+0.0047i	-0.0152+0.0058i	0.0035+0.0019i	-0.0268+0.0059i	-2.3673+0.3704i	1.7522-0.3200i	-1.6724+0.2561i	0.8661-0.1589i
13.3	-0.0130+0.0049i	-0.0154+0.0068i	0.0033+0.0026i	-0.0270+0.0063i	-2.4537+0.3956i	1.7947-0.3536i	-1.7256+0.2660i	0.8838-0.1770i
13.4	-0.0139+0.0056i	-0.0156+0.0077i	0.0026+0.0029i	-0.0278+0.0070i	-2.5474+0.4118i	1.9288-0.3515i	-1.7983+0.2751i	0.9593-0.1740i
13.5	-0.0140+0.0057i	-0.0151+0.0079i	0.0029+0.0027i	-0.0279+0.0072i	-2.6574+0.4546i	1.9829-0.3622i	-1.8631+0.3007i	0.9844-0.1775i
13.6	-0.0149+0.0061i	-0.0155+0.0082i	0.0023+0.0026i	-0.0284+0.0079i	-2.7538+0.5083i	2.1041-0.4065i	-1.9298+0.3353i	1.0495-0.1970i
13.7	-0.0153+0.0069i	-0.0159+0.0086i	0.0018+0.0032i	-0.0289+0.0086i	-2.8151+0.5525i	2.2016-0.4804i	-1.9793+0.3704i	1.1013-0.2389i
13.8	-0.0154+0.0076i	-0.0157+0.0090i	0.0016+0.0037i	-0.0290+0.0093i	-2.9048+0.6415i	2.2531-0.5644i	-2.0387+0.4274i	1.1296-0.2823i
13.9	-0.0166+0.0078i	-0.0166+0.0091i	0.0009+0.0040i	-0.0297+0.0095i	-2.9829+0.7001i	2.3731-0.6311i	-2.1056+0.4646i	1.1933-0.3176i
14.0	-0.0187+0.0096i	-0.0186+0.0105i	-0.0007+0.0055i	-0.0311+0.0110i	-3.1004+0.7468i	2.5632-0.7947i	-2.1847+0.5096i	1.2954-0.4157i
14.1	-0.0200+0.0121i	-0.0196+0.0131i	-0.0017+0.0072i	-0.0321+0.0132i	-3.1906+0.7958i	2.6629-1.0101i	-2.2363+0.5542i	1.3464-0.5400i
14.2	-0.0205+0.0149i	-0.0199+0.0155i	-0.0021+0.0095i	-0.0322+0.0152i	-3.2356+0.8232i	2.7011-1.2290i	-2.2781+0.5980i	1.3674-0.6681i
14.3	-0.0201+0.0179i	-0.0194+0.0182i	-0.0019+0.0116i	-0.0317+0.0176i	-3.2945+0.8873i	2.7002-1.4514i	-2.3273+0.6533i	1.3633-0.7994i
14.4	-0.0197+0.0200i	-0.0187+0.0201i	-0.0013+0.0132i	-0.0312+0.0193i	-3.4179+0.9248i	2.7056-1.6347i	-2.4018+0.6823i	1.3551-0.9036i
14.5	-0.0194+0.0220i	-0.0186+0.0221i	-0.0013+0.0149i	-0.0311+0.0206i	-3.5449+0.9548i	2.7329-1.8248i	-2.4759+0.7137i	1.3642-1.0175i
14.6	-0.0201+0.0259i	-0.0191+0.0257i	-0.0015+0.0179i	-0.0320+0.0235i	-3.7542+0.9804i	2.8384-2.1053i	-2.6075+0.7755i	1.4114-1.1840i
14.7	-0.0178+0.0308i	-0.0167+0.0301i	0.0004+0.0214i	-0.0300+0.0273i	-3.8642+1.0869i	2.6903-2.5146i	-2.6650+0.8789i	1.3106-1.4209i
14.8	-0.0132+0.0352i	-0.0121+0.0343i	0.0040+0.0245i	-0.0262+0.0310i	-4.0167+1.2127i	2.3965-2.8861i	-2.7195+0.9823i	1.1252-1.6343i
14.9	-0.0049+0.0376i	-0.0036+0.0368i	0.0105+0.0264i	-0.0193+0.0328i	-4.1070+1.2555i	1.7767-3.1041i	-2.6992+1.0238i	0.7509-1.7634i
15.0	0.0005+0.0366i	0.0021+0.0347i	0.0148+0.0253i	-0.0145+0.0315i	-4.2000+1.2545i	1.3919-3.0326i	-2.7312+1.0308i	0.5104-1.7190i
15.1	0.0060+0.0318i	0.0065+0.0287i	0.0183+0.0212i	-0.0105+0.0273i	-4.3802+1.2943i	1.0514-2.6698i	-2.8341+1.0151i	0.2882-1.4982i
15.2	0.0068+0.0229i	0.0066+0.0211i	0.0183+0.0152i	-0.0104+0.0205i	-4.6284+1.3516i	1.0860-2.0576i	-2.9892+0.9787i	0.2920-1.1303i
15.3	0.0028+0.0163i	0.0023+0.0152i	0.0152+0.0104i	-0.0137+0.0149i	-4.9140+1.4410i	1.4482-1.5825i	-3.1959+0.9974i	0.4853-0.8365i
15.4	-0.0031+0.0142i	-0.0039+0.0132i	0.0108+0.0089i	-0.0187+0.0132i	-5.3344+1.5150i	2.0261-1.4333i	-3.4913+1.0220i	0.7991-0.7395i
15.5	-0.0074+0.0138i	-0.0081+0.0127i	0.0071+0.0087i	-0.0225+0.0129i	-5.7372+1.5413i	2.5030-1.4251i	-3.7740+1.0461i	1.0505-0.7356i
15.6	-0.0146+0.0189i	-0.0148+0.0181i	0.0014+0.0135i	-0.0282+0.0172i	-6.2260+1.7674i	3.2526-1.9687i	-4.1206+1.2306i	1.4704-1.0503i
15.7	-0.0226+0.0302i	-0.0219+0.0295i	-0.0040+0.0225i	-0.0345+0.0263i	-6.8973+2.0295i	4.0436-3.0737i	-4.6004+1.4981i	1.8914-1.7030i
15.8	-0.0215+0.0452i	-0.0201+0.0440i	-0.0021+0.0341i	-0.0335+0.0382i	-7.5139+2.4412i	4.0419-4.5493i	-4.9832+1.8883i	1.8330-2.5596i
15.9	-0.0146+0.0580i	-0.0124+0.0564i	0.0036+0.0441i	-0.0277+0.0485i	-8.2838+2.9468i	3.5398-5.8481i	-5.3877+2.3104i	1.4626-3.3027i
16.0	-0.0027+0.0628i	-0.0002+0.0606i	0.0131+0.0476i	-0.0184+0.0522i	-8.9240+3.5874i	2.5627-6.4112i	-5.6798+2.7263i	0.8128-3.5921i
16.1	0.0153+0.0661i	0.0176+0.0629i	0.0274+0.0493i	-0.0039+0.0543i	-9.6878+4.9086i	1.0479-6.9781i	-5.9794+3.5602i	-0.1686-3.8315i
16.2	0.0310+0.0615i	0.0328+0.0576i	0.0398+0.0455i	0.0086+0.0508i	-10.2444+5.9961i	-0.3109-6.8386i	-6.2045+4.1876i	-1.0431-3.6534i
16.3	0.0408+0.0531i	0.0420+0.0490i	0.0475+0.0391i	0.0162+0.0440i	-11.1995+7.3909i	-1.0366-6.3838i	-6.7183+4.9741i	-1.5658-3.2591i
16.4	0.0446+0.0455i	0.0456+0.0408i	0.0503+0.0329i	0.0190+0.0379i	-11.9238+9.2237i	-1.2756-6.0423i	-7.1329+6.0332i	-1.7756-2.9022i
16.5	0.0479+0.0375i	0.0484+0.0323i	0.0526+0.0265i	0.0214+0.0317i	-12.3038+11.9549i	-1.5457-5.8579i	-7.3478+7.6521i	-1.9769-2.5635i
16.6	0.0550+0.0318i	0.0554+0.0260i	0.0582+0.0216i	0.0277+0.0272i	-11.6103+16.8521i	-2.5269-6.2444i	-6.8451+10.6133i	-2.5286-2.3800i
16.7	0.0615+0.0215i	0.0608+0.0149i	0.0628+0.0130i	0.0329+0.0184i	-9.3289+19.6561i	-3.6775-5.7024i	-5.3940+12.2551i	-3.0462-1.8063i
16.8	0.0612+0.0046i	0.0591-0.0017i	0.0621+0.0004i	0.0324+0.0047i	-6.4152+22.2404i	-4.1880-4.5339i	-3.5945+13.6954i	-3.1099-0.8737i
16.9	0.0495-0.0125i	0.0466-0.0187i	0.0532-0.0126i	0.0226-0.0093i	-0.6136+25.6271i	-4.1274-3.4516i	-0.1555+15.6532i	-2.5774+0.0812i
17.0	0.0390-0.0181i	0.0358-0.0243i	0.0456-0.0167i	0.0143-0.0140i	5.5505+26.9644i	-4.3063-3.1761i	3.5399+16.4564i	-2.1591+0.3673i
17.1	0.0292-0.0164i	0.0256-0.0216i	0.0381-0.0153i	0.0061-0.0130i	12.0455+21.9322i	-4.6857-2.3836i	7.4826+13.3856i	-1.8388+0.4271i
17.2	0.0217-0.0192i	0.0175-0.0236i	0.0322-0.0176i	-0.0011-0.0153i	14.5424+16.8203i	-4.2952-0.9267i	8.9424+10.2224i	-1.3819+0.8934i
17.3	0.0131-0.0144i	0.0090-0.0181i	0.0262-0.0142i	-0.0083-0.0111i	15.4595+12.9701i	-3.5113-0.7199i	9.4393+7.8930i	-0.8139+0.6926i
17.4	0.0098-0.0082i	0.0060-0.0119i	0.0240-0.0097i	-0.0109-0.0061i	15.4361+9.6974i	-3.1961-0.7609i	9.4169+5.9195i	-0.6198+0.3858i
17.5	0.0098-0.0030i	0.0057-0.0061i	0.0235-0.0060i	-0.0111-0.0014i	14.2543+6.5295i	-2.9643-0.6827i	8.7058+3.9976i	-0.5747+0.1592i
17.6	0.0106-0.0023i	0.0065-0.0050i	0.0242-0.0055i	-0.0108-0.0009i	13.0818+4.9644i	-2.7611-0.4332i	7.9681+3.0321i	-0.5512+0.1753i
17.7	0.0108-0.0012i	0.0068-0.0039i	0.0242-0.0048i	-0.0110+0.0001i	12.1159+3.8861i	-2.5505-0.3354i	7.3841+2.3834i	-0.5000+0.1432i
17.8	0.0098-0.0005i	0.0059-0.0030i	0.0232-0.0039i	-0.0119+0.0013i	11.3704+2.8668i	-2.3022-0.2722i	6.9417+1.7725i	-0.4099+0.0938i
17.9	0.0097-0.0004i	0.0058-0.0024i	0.0236-0.0038i	-0.0121+0.0016i	10.5029+2.1640i	-2.1298-0.1519i	6.4420+1.3295i	-0.3742+0.1042i
18.0	0.0094+0.0001i	0.0059-0.0017i	0.0238-0.0037i	-0.0126+0.0021i	9.7387+1.3876i	-1.9458-0.0310i	5.9402+0.8478i	-0.3325+0.1115i
18.1	0.0089+0.0006i	0.0059-0.0018i	0.0236-0.0038i	-0.0127+0.0024i	9.1238+0.8538i	-1.7412+0.0108i	5.5384+0.5279i	-0.2600+0.0918i
18.2	0.0083+0.0019i	0.0050-0.0002i	0.0228-0.0027i	-0.0132+0.0038i	8.4118+0.2929i	-1.4485-0.0898i	5.0940+0.1860i	-0.1366-0.0211i

18.3	0.0079+0.0033i	0.0048+0.0012i	0.0222-0.0017i	-0.0135+0.0050i	7.7385-0.1806i	-1.2337-0.2494i	4.6706-0.0842i	-0.0616-0.1623i
18.4	0.0081+0.0040i	0.0053+0.0020i	0.0226-0.0009i	-0.0134+0.0057i	7.0375-0.2239i	-1.1928-0.4221i	4.2441-0.0781i	-0.0998-0.2724i
18.5	0.0088+0.0049i	0.0062+0.0033i	0.0241-0.0000i	-0.0129+0.0062i	6.6884+0.0216i	-1.4012-0.6466i	4.0494+0.0729i	-0.2634-0.3908i
18.6	0.0105+0.0042i	0.0081+0.0027i	0.0264-0.0011i	-0.0122+0.0063i	6.8486+0.0908i	-1.8726-0.5187i	4.1939+0.0863i	-0.5409-0.3099i
18.7	0.0108+0.0042i	0.0086+0.0020i	0.0266-0.0024i	-0.0121+0.0066i	6.7408-0.4790i	-1.8054-0.1880i	4.1230-0.2953i	-0.5081-0.1496i
18.8	0.0100+0.0052i	0.0083+0.0025i	0.0254-0.0027i	-0.0121+0.0078i	6.2511-1.2060i	-1.4984-0.0452i	3.7863-0.7227i	-0.3590-0.1198i
18.9	0.0100+0.0049i	0.0080+0.0025i	0.0251-0.0028i	-0.0119+0.0081i	5.7686-1.4589i	-1.3148+0.0278i	3.4817-0.8766i	-0.2819-0.0952i
19.0	0.0111+0.0046i	0.0094+0.0018i	0.0255-0.0039i	-0.0113+0.0077i	5.3168-1.6854i	-1.2214+0.1781i	3.2006-1.0364i	-0.2658-0.0254i
19.1	0.0120+0.0042i	0.0103+0.0015i	0.0255-0.0039i	-0.0105+0.0078i	4.8872-1.6742i	-1.1625+0.2420i	2.9276-1.0470i	-0.2676+0.0136i
19.2	0.0124+0.0042i	0.0102+0.0017i	0.0254-0.0037i	-0.0099+0.0080i	4.5091-1.6379i	-1.0926+0.1853i	2.7023-1.0211i	-0.2549-0.0166i
19.3	0.0119+0.0037i	0.0102+0.0010i	0.0251-0.0044i	-0.0100+0.0078i	4.2786-1.6508i	-0.9216+0.1722i	2.5580-1.0019i	-0.1693-0.0229i
19.4	0.0119+0.0031i	0.0104-0.0001i	0.0251-0.0051i	-0.0100+0.0076i	4.0815-1.6818i	-0.7537+0.2181i	2.4311-1.0472i	-0.0780-0.0098i
19.5	0.0130+0.0032i	0.0105-0.0005i	0.0251-0.0053i	-0.0097+0.0077i	3.8406-1.7317i	-0.6726+0.1289i	2.2766-1.0972i	-0.0457-0.0721i
19.6	0.0137+0.0023i	0.0109-0.0017i	0.0251-0.0060i	-0.0093+0.0069i	3.5437-1.8165i	-0.6185+0.0491i	2.0923-1.1261i	-0.0328-0.1298i
19.7	0.0132+0.0013i	0.0105-0.0026i	0.0247-0.0063i	-0.0090+0.0066i	3.2791-1.8361i	-0.5111-0.0544i	1.9245-1.1328i	0.0062-0.1994i
19.8	0.0128+0.0008i	0.0101-0.0034i	0.0244-0.0067i	-0.0093+0.0066i	3.0872-1.8990i	-0.4197-0.1555i	1.7780-1.1664i	0.0432-0.2721i
19.9	0.0130+0.0002i	0.0096-0.0040i	0.0244-0.0069i	-0.0093+0.0066i	2.7343-1.8901i	-0.4647-0.2802i	1.5810-1.1612i	-0.0142-0.3547i
20.0	0.0119-0.0004i	0.0083-0.0044i	0.0233-0.0073i	-0.0095+0.0063i	2.4650-1.8713i	-0.5393-0.3739i	1.4257-1.1355i	-0.0891-0.4153i
20.1	0.0107-0.0004i	0.0070-0.0046i	0.0223-0.0079i	-0.0097+0.0057i	2.2321-1.8272i	-0.6412-0.4153i	1.3067-1.0991i	-0.1735-0.4348i
20.2	0.0105-0.0001i	0.0069-0.0046i	0.0218-0.0077i	-0.0094+0.0059i	2.0057-1.7465i	-0.7319-0.3795i	1.1875-1.0598i	-0.2505-0.4038i
20.3	0.0101+0.0007i	0.0064-0.0036i	0.0217-0.0071i	-0.0098+0.0060i	1.8329-1.6285i	-0.7576-0.2914i	1.0734-0.9948i	-0.2852-0.3378i
20.4	0.0102+0.0008i	0.0062-0.0033i	0.0217-0.0069i	-0.0098+0.0057i	1.7356-1.5073i	-0.7518-0.2653i	1.0004-0.9237i	-0.2939-0.3089i
20.5	0.0098+0.0017i	0.0060-0.0027i	0.0212-0.0063i	-0.0096+0.0058i	1.6240-1.4026i	-0.7300-0.2497i	0.9218-0.8686i	-0.2908-0.2889i
20.6	0.0097+0.0020i	0.0054-0.0022i	0.0211-0.0057i	-0.0101+0.0058i	1.5260-1.2881i	-0.7042-0.2311i	0.8654-0.8009i	-0.2839-0.2672i
20.7	0.0098+0.0017i	0.0050-0.0018i	0.0210-0.0058i	-0.0104+0.0060i	1.4875-1.2022i	-0.6904-0.2078i	0.8446-0.7510i	-0.2802-0.2457i
20.8	0.0104+0.0019i	0.0057-0.0011i	0.0211-0.0056i	-0.0099+0.0063i	1.4658-1.0969i	-0.6885-0.1590i	0.8191-0.7069i	-0.2773-0.2021i
20.9	0.0109+0.0021i	0.0064-0.0012i	0.0213-0.0054i	-0.0098+0.0068i	1.4461-1.0597i	-0.6232-0.1806i	0.7935-0.6826i	-0.2369-0.2196i
21.0	0.0111+0.0023i	0.0067-0.0013i	0.0219-0.0053i	-0.0097+0.0069i	1.4370-1.0952i	-0.6004-0.2309i	0.7784-0.6885i	-0.2259-0.2518i
21.1	0.0108+0.0017i	0.0064-0.0016i	0.0218-0.0058i	-0.0100+0.0066i	1.3851-1.1215i	-0.6133-0.2338i	0.7568-0.6967i	-0.2432-0.2557i
21.2	0.0107+0.0009i	0.0059-0.0018i	0.0221-0.0059i	-0.0101+0.0065i	1.3313-1.0997i	-0.6431-0.2409i	0.7348-0.6889i	-0.2699-0.2602i
21.3	0.0124+0.0020i	0.0076-0.0013i	0.0231-0.0059i	-0.0090+0.0072i	1.2731-1.1586i	-0.6278-0.1984i	0.6987-0.7296i	-0.2606-0.2367i
21.4	0.0137+0.0020i	0.0092-0.0013i	0.0238-0.0062i	-0.0082+0.0074i	1.1537-1.2344i	-0.5986-0.1902i	0.6130-0.7756i	-0.2525-0.2365i
21.5	0.0147+0.0011i	0.0103-0.0021i	0.0240-0.0064i	-0.0075+0.0068i	1.0754-1.2486i	-0.5680-0.1837i	0.5326-0.7882i	-0.2455-0.2401i
21.6	0.0151+0.0009i	0.0112-0.0028i	0.0238-0.0070i	-0.0070+0.0066i	0.9819-1.2355i	-0.5288-0.1568i	0.4674-0.7812i	-0.2291-0.2183i
21.7	0.0151-0.0003i	0.0110-0.0038i	0.0234-0.0080i	-0.0065+0.0061i	0.8606-1.2118i	-0.5217-0.1893i	0.3945-0.7644i	-0.2286-0.2337i
21.8	0.0138-0.0015i	0.0101-0.0051i	0.0225-0.0088i	-0.0064+0.0052i	0.7193-1.1713i	-0.5488-0.2040i	0.3144-0.7560i	-0.2545-0.2450i
21.9	0.0142-0.0036i	0.0108-0.0088i	0.0228-0.0108i	-0.0061+0.0035i	0.5758-1.1279i	-0.5407-0.2340i	0.2320-0.7322i	-0.2630-0.2641i
22.0	0.0127-0.0052i	0.0084-0.0101i	0.0213-0.0115i	-0.0071+0.0026i	0.4294-1.0627i	-0.5678-0.2533i	0.1457-0.6829i	-0.2990-0.2708i
22.1	0.0120-0.0054i	0.0073-0.0105i	0.0203-0.0117i	-0.0076+0.0021i	0.3354-0.9822i	-0.5773-0.2092i	0.0731-0.6308i	-0.3150-0.2361i
22.2	0.0084-0.0042i	0.0021-0.0087i	0.0175-0.0104i	-0.0097+0.0024i	0.2531-0.8957i	-0.6329-0.1575i	0.0239-0.5671i	-0.3641-0.1941i
22.3	0.0061-0.0035i	-0.0002-0.0076i	0.0157-0.0095i	-0.0109+0.0030i	0.1726-0.8072i	-0.6459-0.1171i	-0.0202-0.5159i	-0.3811-0.1582i
22.4	0.0057-0.0031i	-0.0003-0.0070i	0.0152-0.0085i	-0.0106+0.0027i	0.1393-0.6867i	-0.6210-0.0936i	-0.0653-0.4386i	-0.3711-0.1290i
22.5	0.0050-0.0022i	-0.0011-0.0054i	0.0146-0.0076i	-0.0108+0.0028i	0.1038-0.5784i	-0.6304-0.0704i	-0.0911-0.3749i	-0.3802-0.1018i
22.6	0.0040-0.0015i	-0.0032-0.0050i	0.0138-0.0068i	-0.0121+0.0030i	0.0661-0.4893i	-0.6538-0.0599i	-0.0959-0.3142i	-0.3954-0.0876i
22.7	0.0040+0.0023i	-0.0032-0.0002i	0.0142-0.0039i	-0.0123+0.0054i	0.0707-0.3679i	-0.6209-0.0073i	-0.0853-0.2246i	-0.3797-0.0322i
22.8	0.0055+0.0032i	-0.0013+0.0012i	0.0154-0.0030i	-0.0113+0.0056i	0.0888-0.2671i	-0.5711+0.0170i	-0.0717-0.1663i	-0.3466-0.0088i
22.9	0.0080+0.0044i	0.0017+0.0019i	0.0175-0.0021i	-0.0100+0.0060i	0.1268-0.2031i	-0.5220+0.0591i	-0.0386-0.1320i	-0.3053+0.0223i
23.0	0.0100+0.0053i	0.0041+0.0029i	0.0188-0.0009i	-0.0094+0.0066i	0.1554-0.1600i	-0.4972+0.1043i	-0.0193-0.1151i	-0.2811+0.0622i
23.1	0.0117+0.0050i	0.0058+0.0026i	0.0202-0.0012i	-0.0081+0.0059i	0.2020-0.1209i	-0.4112+0.0984i	-0.0175-0.0793i	-0.2182+0.0604i
23.2	0.0135+0.0041i	0.0069+0.0012i	0.0209-0.0017i	-0.0076+0.0049i	0.2755-0.0983i	-0.3739+0.0699i	0.0019-0.0566i	-0.1903+0.0388i
23.3	0.0148+0.0031i	0.0080-0.0006i	0.0220-0.0024i	-0.0072+0.0040i	0.3248-0.0932i	-0.3593+0.0320i	0.0205-0.0393i	-0.1753+0.0195i
23.4	0.0155+0.0011i	0.0087-0.0023i	0.0229-0.0036i	-0.0070+0.0027i	0.3449-0.0689i	-0.3403+0.0085i	0.0406-0.0285i	-0.1593+0.0022i
23.5	0.0161+0.0001i	0.0092-0.0030i	0.0234-0.0041i	-0.0068+0.0019i	0.3886-0.0499i	-0.3183-0.0156i	0.0560-0.0100i	-0.1422-0.0106i
23.6	0.0162-0.0020i	0.0087-0.0057i	0.0232-0.0053i	-0.0077+0.0007i	0.4056-0.0374i	-0.3011-0.0418i	0.0762-0.0098i	-0.1351-0.0326i
23.7	0.0150-0.0039i	0.0075-0.0076i	0.0228-0.0068i	-0.0086-0.0005i	0.4155-0.0502i	-0.3007-0.0535i	0.0975-0.0154i	-0.1296-0.0432i
23.8	0.0137-0.0054i	0.0065-0.0090i	0.0223-0.0080i	-0.0096-0.0012i	0.4391-0.0593i	-0.2898-0.0738i	0.1060-0.0141i	-0.1231-0.0589i
23.9	0.0119-0.0070i	0.0043-0.0102i	0.0213-0.0087i	-0.0107-0.0020i	0.4558-0.0684i	-0.3147-0.0909i	0.1169-0.0144i	-0.1375-0.0716i
24.0	0.0098-0.0071i	0.0018-0.0099i	0.0205-0.0088i	-0.0122-0.0017i	0.4591-0.0492i	-0.3163-0.0959i	0.1203-0.0299i	-0.1393-0.0764i
24.1	0.0085-0.0060i	0.0005-0.0090i	0.0195-0.0083i	-0.0132-0.0010i	0.4020-0.0664i	-0.3086-0.0951i	0.1177-0.0389i	-0.1359-0.0775i
24.2	0.0078-0.0054i	-0.0006-0.0084i	0.0191-0.0079i	-0.0137-0.0004i	0.4111-0.1029i	-0.2987-0.0933i	0.1099-0.0541i	-0.1337-0.0777i
24.3	0.0076-0.0051i	-0.0016-0.0079i	0.0188-0.0076i	-0.0138+0.0004i	0.3893-0.1259i	-0.2866-0.1037i	0.1033-0.0609i	-0.1305-0.0862i
24.4	0.0060-0.0042i	-0.0024-0.0062i	0.0179-0.0069i	-0.0149+0.0019i	0.3919-0.1400i	-0.2922-0.1080i	0.1057-0.0741i	-0.1358-0.0862i
24.5	0.0062-0.0032i	-0.0016-0.0052i	0.0182-0.0068i	-0.0150+0.0015i	0.3777-0.1357i	-0.3342-0.1254i	0.0977-0.0753i	-0.1534-0.1036i

24.6	0.0068-0.0029i	-0.0014-0.0047i	0.0190-0.0064i	-0.0151+0.0015i	0.3268-0.1550i	-0.3393-0.1300i	0.0892-0.0820i	-0.1588-0.1078i
24.7	0.0064-0.0025i	-0.0019-0.0039i	0.0188-0.0062i	-0.0154+0.0019i	0.3669-0.2058i	-0.3475-0.1241i	0.0894-0.0907i	-0.1722-0.1005i
24.8	0.0064-0.0017i	-0.0017-0.0034i	0.0192-0.0061i	-0.0156+0.0023i	0.4048-0.2343i	-0.3667-0.1094i	0.0861-0.0984i	-0.1859-0.0909i
24.9	0.0061-0.0013i	-0.0013-0.0025i	0.0189-0.0057i	-0.0162+0.0025i	0.4048-0.1798i	-0.3808-0.0856i	0.0814-0.0930i	-0.1870-0.0686i
25.0	0.0058-0.0007i	-0.0019-0.0018i	0.0188-0.0052i	-0.0163+0.0036i	0.3812-0.1125i	-0.3917-0.0631i	0.0851-0.1011i	-0.1948-0.0534i
25.1	0.0059-0.0005i	-0.0018-0.0013i	0.0194-0.0051i	-0.0162+0.0040i	0.3264-0.1465i	-0.3769-0.0414i	0.0742-0.1242i	-0.1925-0.0445i
25.2	0.0064-0.0003i	-0.0009-0.0013i	0.0200-0.0051i	-0.0163+0.0044i	0.3422-0.1404i	-0.3424-0.0195i	0.0597-0.1457i	-0.1733-0.0356i
25.3	0.0064+0.0001i	-0.0014-0.0015i	0.0199-0.0053i	-0.0163+0.0049i	0.3851-0.1758i	-0.3636-0.0015i	0.0568-0.1664i	-0.1812-0.0233i
25.4	0.0063+0.0003i	-0.0013-0.0013i	0.0198-0.0055i	-0.0165+0.0053i	0.3407-0.3265i	-0.3610-0.0030i	0.0173-0.1992i	-0.1902-0.0324i
25.5	0.0065+0.0003i	-0.0014-0.0018i	0.0198-0.0056i	-0.0165+0.0051i	0.2906-0.2688i	-0.3766-0.0101i	-0.0161-0.2007i	-0.1997-0.0350i
25.6	0.0069+0.0007i	-0.0016-0.0008i	0.0201-0.0055i	-0.0161+0.0060i	0.1444-0.2410i	-0.3640+0.0332i	-0.0742-0.2065i	-0.2050-0.0025i
25.7	0.0069+0.0021i	-0.0016+0.0010i	0.0200-0.0051i	-0.0161+0.0073i	0.0640-0.3113i	-0.3704+0.0996i	-0.1066-0.2137i	-0.2172+0.0458i
25.8	0.0076+0.0032i	-0.0013+0.0026i	0.0199-0.0046i	-0.0159+0.0081i	0.1152-0.2720i	-0.3271+0.1661i	-0.1182-0.2047i	-0.1856+0.0909i
25.9	0.0087+0.0039i	0.0001+0.0029i	0.0204-0.0044i	-0.0151+0.0087i	0.0229-0.2807i	-0.2613+0.2025i	-0.1618-0.2113i	-0.1380+0.1104i
26.0	0.0089+0.0043i	0.0006+0.0033i	0.0207-0.0039i	-0.0144+0.0095i	-0.0360-0.2673i	-0.2245+0.2007i	-0.2026-0.2014i	-0.1202+0.1100i
26.1	0.0100+0.0058i	0.0007+0.0059i	0.0210-0.0029i	-0.0140+0.0109i	-0.1115-0.1814i	-0.1701+0.2610i	-0.2520-0.1701i	-0.0932+0.1621i
26.2	0.0122+0.0067i	0.0024+0.0066i	0.0220-0.0026i	-0.0131+0.0115i	-0.1468-0.1328i	-0.0967+0.2912i	-0.2929-0.1409i	-0.0446+0.1901i
26.3	0.0147+0.0069i	0.0050+0.0075i	0.0231-0.0025i	-0.0110+0.0122i	-0.1369-0.1089i	0.0036+0.2872i	-0.3234-0.1081i	0.0276+0.1904i
26.4	0.0158+0.0065i	0.0074+0.0078i	0.0239-0.0027i	-0.0095+0.0122i	-0.1615-0.0610i	0.1077+0.2497i	-0.3521-0.0552i	0.0905+0.1752i
26.5	0.0170+0.0062i	0.0086+0.0081i	0.0248-0.0028i	-0.0085+0.0123i	-0.1703-0.0099i	0.1736+0.2300i	-0.3689-0.0139i	0.1350+0.1656i
26.6	0.0200+0.0045i	0.0138+0.0081i	0.0272-0.0033i	-0.0047+0.0119i	-0.0950+0.0776i	0.2947+0.1630i	-0.3437+0.0510i	0.2284+0.1245i
26.7	0.0223+0.0024i	0.0184+0.0055i	0.0291-0.0046i	-0.0019+0.0102i	-0.0407+0.0664i	0.3781+0.0554i	-0.3006+0.0678i	0.2984+0.0508i
26.8	0.0237-0.0010i	0.0209+0.0006i	0.0303-0.0070i	-0.0006+0.0078i	-0.0217+0.0258i	0.4153-0.0802i	-0.2804+0.0649i	0.3310-0.0471i
26.9	0.0232-0.0036i	0.0210-0.0048i	0.0293-0.0096i	-0.0005+0.0046i	-0.0015+0.0176i	0.3814-0.1894i	-0.2739+0.0447i	0.3087-0.1327i
27.0	0.0227-0.0061i	0.0203-0.0082i	0.0292-0.0110i	-0.0007+0.0022i	-0.0089-0.0087i	0.3536-0.2785i	-0.2913+0.0355i	0.2826-0.1963i
27.1	0.0214-0.0077i	0.0186-0.0112i	0.0282-0.0126i	-0.0013+0.0004i	-0.0717-0.0454i	0.3216-0.3478i	-0.3194+0.0362i	0.2568-0.2464i
27.2	0.0210-0.0090i	0.0174-0.0137i	0.0276-0.0139i	-0.0021-0.0014i	-0.0907-0.0153i	0.3007-0.4027i	-0.3378+0.0550i	0.2401-0.2908i
27.3	0.0205-0.0109i	0.0157-0.0163i	0.0273-0.0150i	-0.0030-0.0035i	-0.1224-0.0109i	0.2512-0.4778i	-0.3519+0.0763i	0.2033-0.3494i
27.4	0.0198-0.0115i	0.0137-0.0172i	0.0264-0.0152i	-0.0040-0.0044i	-0.1671-0.0090i	0.1910-0.5150i	-0.3547+0.0901i	0.1600-0.3740i
27.5	0.0195-0.0128i	0.0123-0.0183i	0.0258-0.0159i	-0.0052-0.0050i	-0.1788+0.0155i	0.1434-0.5420i	-0.3629+0.0982i	0.1239-0.3888i
27.6	0.0197-0.0141i	0.0122-0.0203i	0.0260-0.0173i	-0.0051-0.0062i	-0.1899+0.0008i	0.1352-0.5835i	-0.3758+0.1020i	0.1227-0.4212i
27.7	0.0192-0.0180i	0.0113-0.0247i	0.0254-0.0194i	-0.0056-0.0090i	-0.2137+0.0193i	0.0983-0.6773i	-0.3938+0.1307i	0.0915-0.4944i
27.8	0.0163-0.0218i	0.0080-0.0274i	0.0237-0.0212i	-0.0082-0.0107i	-0.2281+0.0259i	0.0031-0.7237i	-0.3987+0.1522i	0.0141-0.5326i
27.9	0.0125-0.0239i	0.0038-0.0289i	0.0214-0.0229i	-0.0111-0.0122i	-0.2612+0.0838i	-0.1160-0.7594i	-0.3967+0.1718i	-0.0718-0.5628i
28.0	0.0076-0.0250i	-0.0006-0.0299i	0.0183-0.0241i	-0.0141-0.0136i	-0.2905+0.0988i	-0.2283-0.7927i	-0.3959+0.1869i	-0.1626-0.5839i
28.1	0.0018-0.0236i	-0.0068-0.0293i	0.0149-0.0231i	-0.0176-0.0118i	-0.3315+0.1182i	-0.3754-0.7583i	-0.4108+0.1754i	-0.2778-0.5460i
28.2	-0.0027-0.0205i	-0.0117-0.0274i	0.0108-0.0211i	-0.0206-0.0107i	-0.4219+0.1490i	-0.4800-0.6570i	-0.4552+0.1805i	-0.3604-0.4778i
28.3	-0.0045-0.0171i	-0.0138-0.0243i	0.0096-0.0182i	-0.0219-0.0099i	-0.4049+0.2099i	-0.4935-0.5762i	-0.4820+0.2338i	-0.3771-0.4100i
28.4	-0.0063-0.0141i	-0.0161-0.0205i	0.0092-0.0157i	-0.0243-0.0081i	-0.3751+0.3142i	-0.5315-0.5004i	-0.4640+0.2850i	-0.4066-0.3416i
28.5	-0.0064-0.0111i	-0.0169-0.0171i	0.0093-0.0138i	-0.0256-0.0056i	-0.3638+0.3614i	-0.5517-0.4232i	-0.4459+0.2922i	-0.4129-0.2818i
28.6	-0.0069-0.0079i	-0.0177-0.0139i	0.0089-0.0116i	-0.0267-0.0034i	-0.4110+0.3580i	-0.5540-0.3570i	-0.4504+0.3029i	-0.4230-0.2274i
28.7	-0.0057-0.0048i	-0.0176-0.0108i	0.0096-0.0099i	-0.0268-0.0006i	-0.4264+0.3897i	-0.5403-0.2806i	-0.4640+0.3240i	-0.4103-0.1665i
28.8	-0.0047-0.0036i	-0.0171-0.0094i	0.0107-0.0093i	-0.0260+0.0009i	-0.4079+0.3802i	-0.5164-0.2421i	-0.4719+0.3386i	-0.3944-0.1401i
28.9	-0.0033-0.0008i	-0.0167-0.0062i	0.0113-0.0076i	-0.0258+0.0030i	-0.3638+0.4669i	-0.4979-0.1777i	-0.4737+0.3660i	-0.3777-0.0884i
29.0	-0.0026+0.0005i	-0.0162-0.0044i	0.0120-0.0069i	-0.0258+0.0045i	-0.3938+0.5071i	-0.4788-0.1509i	-0.4753+0.3919i	-0.3632-0.0616i
29.1	-0.0008+0.0013i	-0.0149-0.0036i	0.0131-0.0065i	-0.0249+0.0055i	-0.4453+0.5382i	-0.4554-0.1271i	-0.4903+0.4243i	-0.3456-0.0389i
29.2	0.0008+0.0024i	-0.0136-0.0026i	0.0137-0.0059i	-0.0239+0.0059i	-0.4067+0.5899i	-0.4091-0.1059i	-0.4845+0.4563i	-0.3181-0.0209i
29.3	0.0026+0.0027i	-0.0122-0.0008i	0.0149-0.0056i	-0.0233+0.0068i	-0.4014+0.6402i	-0.3606-0.0980i	-0.4862+0.4989i	-0.2834-0.0109i
29.4	0.0039+0.0023i	-0.0117+0.0001i	0.0159-0.0059i	-0.0224+0.0076i	-0.3930+0.7119i	-0.3428-0.1028i	-0.4755+0.5360i	-0.2608-0.0036i
29.5	0.0047+0.0020i	-0.0111-0.0001i	0.0164-0.0062i	-0.0218+0.0076i	-0.3255+0.7311i	-0.3375-0.0968i	-0.4480+0.5687i	-0.2512+0.0031i
29.6	0.0055+0.0016i	-0.0108+0.0003i	0.0166-0.0067i	-0.0210+0.0077i	-0.2706+0.7410i	-0.3123-0.0939i	-0.4242+0.5976i	-0.2336+0.0119i
29.7	0.0061+0.0016i	-0.0100+0.0009i	0.0167-0.0067i	-0.0211+0.0085i	-0.2597+0.7812i	-0.3105-0.0928i	-0.4062+0.6184i	-0.2233+0.0114i
29.8	0.0064+0.0009i	-0.0092+0.0013i	0.0166-0.0065i	-0.0208+0.0089i	-0.2114+0.8240i	-0.2998-0.0976i	-0.3795+0.6425i	-0.2144+0.0096i
29.9	0.0057+0.0000i	-0.0088+0.0018i	0.0172-0.0066i	-0.0200+0.0087i	-0.1604+0.8460i	-0.3020-0.1180i	-0.3289+0.6892i	-0.2088+0.0089i
30.0	0.0072+0.0003i	-0.0062+0.0023i	0.0192-0.0070i	-0.0186+0.0097i	-0.1198+0.8364i	-0.2724-0.0886i	-0.3004+0.6803i	-0.1811+0.0267i
30.1	0.0072-0.0005i	-0.0051+0.0031i	0.0194-0.0076i	-0.0179+0.0100i	-0.0631+0.8604i	-0.2445-0.0761i	-0.2711+0.6923i	-0.1641+0.0336i
30.2	0.0059-0.0012i	-0.0026+0.0022i	0.0188-0.0078i	-0.0177+0.0093i	-0.0237+0.8633i	-0.2444-0.0856i	-0.2321+0.6821i	-0.1499+0.0259i
30.3	0.0046-0.0001i	-0.0000-0.0004i	0.0187-0.0087i	-0.0169+0.0086i	0.0078+0.8347i	-0.2170-0.0955i	-0.2115+0.6648i	-0.1263+0.0192i
30.4	0.0048+0.0009i	-0.0000-0.0035i	0.0187-0.0095i	-0.0166+0.0080i	0.0111+0.8407i	-0.2108-0.0985i	-0.2103+0.6650i	-0.1252+0.0111i
30.5	0.0057+0.0020i	-0.0036-0.0057i	0.0175-0.0098i	-0.0172+0.0074i	0.0381+0.9025i	-0.2275-0.1065i	-0.1964+0.6919i	-0.1283+0.0006i
30.6	0.0069+0.0024i	-0.0058-0.0049i	0.0170-0.0092i	-0.0176+0.0084i	0.0958+0.9176i	-0.2339-0.1160i	-0.1453+0.7115i	-0.1241+0.0025i
30.7	0.0077+0.0026i	-0.0073-0.0036i	0.0169-0.0086i	-0.0180+0.0083i	0.1573+0.8938i	-0.2445-0.1150i	-0.0961+0.7055i	-0.1292+0.0074i
30.8	0.0076+0.0024i	-0.0080-0.0023i	0.0163-0.0078i	-0.0178+0.0090i	0.2283+0.8769i	-0.2463-0.0867i	-0.0574+0.6808i	-0.1259+0.0150i

30.9	0.0078+0.0029i	-0.0075-0.0007i	0.0169-0.0066i	-0.0172+0.0099i	0.2657+0.8146i	-0.2362-0.0707i	-0.0328+0.6444i	-0.1177+0.0300i
31.0	0.0081+0.0027i	-0.0064-0.0001i	0.0169-0.0061i	-0.0161+0.0096i	0.2751+0.7763i	-0.2190-0.0515i	-0.0161+0.6202i	-0.1057+0.0352i
31.1	0.0080+0.0035i	-0.0062+0.0009i	0.0171-0.0056i	-0.0163+0.0102i	0.2734+0.7490i	-0.2281-0.0299i	-0.0049+0.6002i	-0.1036+0.0435i
31.2	0.0081+0.0046i	-0.0046+0.0014i	0.0181-0.0053i	-0.0156+0.0105i	0.3257+0.7448i	-0.2105-0.0278i	0.0081+0.5695i	-0.0846+0.0532i
31.3	0.0097+0.0055i	-0.0033+0.0016i	0.0186-0.0053i	-0.0147+0.0105i	0.3311+0.6560i	-0.1733-0.0101i	0.0148+0.5292i	-0.0617+0.0645i
31.4	0.0107+0.0060i	-0.0022+0.0018i	0.0195-0.0050i	-0.0146+0.0106i	0.3167+0.5874i	-0.1463+0.0047i	0.0127+0.4958i	-0.0395+0.0682i
31.5	0.0113+0.0058i	-0.0016+0.0006i	0.0205-0.0050i	-0.0142+0.0099i	0.2793+0.5412i	-0.1193-0.0121i	-0.0029+0.4705i	-0.0179+0.0574i
31.6	0.0121+0.0062i	-0.0011+0.0002i	0.0206-0.0052i	-0.0137+0.0094i	0.2993+0.5613i	-0.0978-0.0139i	-0.0194+0.4486i	-0.0016+0.0433i
31.7	0.0119+0.0067i	-0.0010-0.0003i	0.0205-0.0055i	-0.0138+0.0093i	0.3383+0.5189i	-0.0776-0.0154i	-0.0335+0.4357i	0.0088+0.0381i
31.8	0.0133+0.0083i	0.0004-0.0006i	0.0216-0.0050i	-0.0128+0.0104i	0.2836+0.5137i	-0.0416-0.0169i	-0.0597+0.4232i	0.0366+0.0322i
31.9	0.0148+0.0098i	0.0012+0.0000i	0.0225-0.0047i	-0.0126+0.0108i	0.2701+0.4746i	-0.0249-0.0210i	-0.0777+0.4104i	0.0554+0.0301i
32.0	0.0169+0.0103i	0.0021-0.0005i	0.0237-0.0043i	-0.0115+0.0110i	0.2542+0.4442i	0.0113-0.0400i	-0.0996+0.3976i	0.0871+0.0171i
32.1	0.0201+0.0094i	0.0036-0.0017i	0.0248-0.0051i	-0.0102+0.0098i	0.2359+0.4283i	0.0538-0.0746i	-0.1205+0.3917i	0.1153-0.0097i
32.2	0.0221+0.0086i	0.0045-0.0030i	0.0261-0.0057i	-0.0089+0.0088i	0.2216+0.4162i	0.0799-0.1133i	-0.1345+0.3843i	0.1294-0.0415i
32.3	0.0241+0.0080i	0.0056-0.0041i	0.0272-0.0057i	-0.0078+0.0080i	0.2123+0.4368i	0.1202-0.1505i	-0.1551+0.3715i	0.1539-0.0716i
32.4	0.0281+0.0075i	0.0070-0.0068i	0.0290-0.0065i	-0.0060+0.0068i	0.1375+0.4216i	0.1488-0.2141i	-0.1809+0.3657i	0.1769-0.1207i
32.5	0.0312+0.0022i	0.0074-0.0099i	0.0307-0.0093i	-0.0059+0.0039i	0.1133+0.3628i	0.1489-0.2834i	-0.2107+0.3649i	0.1746-0.1844i
32.6	0.0321-0.0024i	0.0066-0.0119i	0.0313-0.0118i	-0.0069+0.0010i	0.1021+0.3222i	0.1384-0.3407i	-0.2423+0.3614i	0.1633-0.2407i
32.7	0.0321-0.0076i	0.0048-0.0158i	0.0311-0.0151i	-0.0078-0.0019i	0.1042+0.3384i	0.1131-0.4177i	-0.2756+0.3700i	0.1342-0.3094i
32.8	0.0308-0.0128i	0.0037-0.0194i	0.0304-0.0178i	-0.0093-0.0039i	-0.0177+0.4075i	0.0687-0.4775i	-0.3110+0.3926i	0.0999-0.3600i
32.9	0.0274-0.0194i	0.0022-0.0231i	0.0289-0.0216i	-0.0115-0.0072i	-0.1353+0.3895i	0.0122-0.5566i	-0.3513+0.4072i	0.0465-0.4183i
33.0	0.0207-0.0232i	-0.0021-0.0270i	0.0263-0.0243i	-0.0156-0.0098i	-0.2001+0.3494i	-0.0853-0.6302i	-0.3983+0.4122i	-0.0397-0.4803i
33.1	0.0126-0.0244i	-0.0086-0.0284i	0.0219-0.0256i	-0.0211-0.0098i	-0.2430+0.4062i	-0.2268-0.6620i	-0.4338+0.4346i	-0.1600-0.5021i
33.2	0.0060-0.0193i	-0.0143-0.0275i	0.0178-0.0245i	-0.0258-0.0076i	-0.2978+0.4621i	-0.3497-0.6277i	-0.4750+0.4787i	-0.2746-0.4679i
33.3	0.0034-0.0124i	-0.0189-0.0253i	0.0155-0.0222i	-0.0283-0.0039i	-0.3478+0.5602i	-0.4403-0.5519i	-0.5075+0.5387i	-0.3573-0.3945i
33.4	0.0022-0.0056i	-0.0226-0.0208i	0.0140-0.0194i	-0.0304+0.0006i	-0.3446+0.5832i	-0.5106-0.4493i	-0.5248+0.6009i	-0.4131-0.2919i
33.5	0.0021+0.0003i	-0.0253-0.0146i	0.0134-0.0157i	-0.0313+0.0061i	-0.3092+0.7075i	-0.5527-0.3002i	-0.5299+0.6882i	-0.4549-0.1626i
33.6	0.0049+0.0059i	-0.0247-0.0107i	0.0139-0.0124i	-0.0299+0.0104i	-0.3665+0.8115i	-0.5323-0.1855i	-0.5223+0.7682i	-0.4405-0.0603i
33.7	0.0094+0.0088i	-0.0246-0.0081i	0.0147-0.0108i	-0.0279+0.0129i	-0.2336+1.0074i	-0.5039-0.1107i	-0.4772+0.8454i	-0.4011+0.0152i
33.8	0.0115+0.0095i	-0.0244-0.0047i	0.0156-0.0094i	-0.0267+0.0156i	-0.1315+1.0207i	-0.4516-0.0262i	-0.4010+0.8682i	-0.3494+0.0853i
33.9	0.0133+0.0143i	-0.0226+0.0017i	0.0169-0.0070i	-0.0253+0.0181i	-0.0346+1.0569i	-0.3782+0.0872i	-0.3507+0.8479i	-0.2879+0.1701i
34.0	0.0188+0.0171i	-0.0165+0.0037i	0.0205-0.0054i	-0.0209+0.0193i	-0.0693+0.9443i	-0.2553+0.1198i	-0.3447+0.8456i	-0.1761+0.2050i
34.1	0.0248+0.0150i	-0.0111+0.0015i	0.0235-0.0068i	-0.0168+0.0185i	0.0112+0.9454i	-0.1429+0.0913i	-0.3417+0.8577i	-0.0799+0.1788i
34.2	0.0290+0.0128i	-0.0083-0.0017i	0.0264-0.0084i	-0.0140+0.0175i	0.0180+0.9666i	-0.0780+0.0193i	-0.3284+0.8602i	-0.0213+0.1250i
34.3	0.0300+0.0106i	-0.0090-0.0040i	0.0262-0.0099i	-0.0134+0.0160i	0.0910+0.8634i	-0.0747-0.0324i	-0.3112+0.8656i	-0.0217+0.0787i
34.4	0.0325+0.0086i	-0.0075-0.0074i	0.0271-0.0122i	-0.0133+0.0141i	0.0658+0.8903i	-0.0260-0.0644i	-0.3273+0.8802i	0.0153+0.0345i
34.5	0.0346+0.0083i	-0.0083-0.0094i	0.0279-0.0136i	-0.0127+0.0134i	-0.0431+0.9464i	-0.0118-0.0946i	-0.3428+0.8940i	0.0275+0.0168i
34.6	0.0360+0.0080i	-0.0091-0.0117i	0.0287-0.0146i	-0.0124+0.0124i	-0.0728+0.9935i	-0.0054-0.1305i	-0.3512+0.9184i	0.0342-0.0066i
34.7	0.0384+0.0074i	-0.0098-0.0132i	0.0286-0.0153i	-0.0122+0.0122i	0.0120+1.0327i	0.0009-0.1599i	-0.3502+0.9417i	0.0384-0.0243i
34.8	0.0408+0.0055i	-0.0116-0.0158i	0.0285-0.0169i	-0.0119+0.0119i	0.0389+1.1213i	-0.0008-0.1880i	-0.3517+0.9805i	0.0408-0.0434i
34.9	0.0442+0.0036i	-0.0131-0.0191i	0.0293-0.0196i	-0.0111+0.0107i	0.0009+1.1741i	0.0201-0.2248i	-0.3606+1.0273i	0.0596-0.0781i
35.0	0.0463+0.0024i	-0.0149-0.0204i	0.0290-0.0205i	-0.0101+0.0102i	-0.0108+1.1303i	0.0241-0.2453i	-0.3606+1.0611i	0.0623-0.0904i
35.1	0.0493+0.0007i	-0.0180-0.0221i	0.0285-0.0224i	-0.0099+0.0097i	-0.0016+1.1818i	0.0432-0.2778i	-0.3533+1.1098i	0.0707-0.1120i
35.2	0.0531-0.0020i	-0.0208-0.0244i	0.0288-0.0251i	-0.0096+0.0087i	-0.0098+1.2281i	0.0452-0.3091i	-0.3541+1.1463i	0.0683-0.1403i
35.3	0.0544-0.0037i	-0.0256-0.0251i	0.0266-0.0261i	-0.0107+0.0082i	-0.0088+1.2330i	0.0182-0.3299i	-0.3408+1.1885i	0.0513-0.1561i
35.4	0.0578-0.0058i	-0.0298-0.0261i	0.0257-0.0276i	-0.0108+0.0069i	0.0113+1.2952i	0.0125-0.3710i	-0.3250+1.2435i	0.0474-0.1842i
35.5	0.0582-0.0089i	-0.0355-0.0256i	0.0241-0.0285i	-0.0117+0.0069i	0.0483+1.3618i	-0.0398-0.4052i	-0.2946+1.3074i	0.0098-0.2054i
35.6	0.0587-0.0113i	-0.0397-0.0229i	0.0226-0.0290i	-0.0124+0.0076i	0.0592+1.4514i	-0.0692-0.4011i	-0.2557+1.3594i	-0.0120-0.1985i
35.7	0.0622-0.0144i	-0.0442-0.0208i	0.0210-0.0295i	-0.0125+0.0077i	0.0842+1.4731i	-0.0863-0.4231i	-0.2090+1.4129i	-0.0168-0.2106i
35.8	0.0662-0.0175i	-0.0471-0.0198i	0.0202-0.0306i	-0.0117+0.0069i	0.1758+1.5525i	-0.0793-0.4457i	-0.1549+1.4693i	-0.0104-0.2200i
35.9	0.0693-0.0209i	-0.0505-0.0179i	0.0198-0.0319i	-0.0114+0.0071i	0.2213+1.6041i	-0.0943-0.4645i	-0.0991+1.5136i	-0.0209-0.2337i
36.0	0.0706-0.0262i	-0.0560-0.0134i	0.0172-0.0317i	-0.0120+0.0067i	0.3280+1.6289i	-0.1368-0.4837i	-0.0190+1.5699i	-0.0497-0.2440i
36.1	0.0731-0.0310i	-0.0583-0.0100i	0.0167-0.0318i	-0.0109+0.0067i	0.4724+1.6459i	-0.1519-0.4897i	0.0606+1.6079i	-0.0537-0.2506i
36.2	0.0754-0.0370i	-0.0605-0.0082i	0.0161-0.0327i	-0.0099+0.0052i	0.4918+1.5754i	-0.1584-0.5193i	0.1346+1.6035i	-0.0585-0.2693i
36.3	0.0770-0.0425i	-0.0647-0.0042i	0.0136-0.0331i	-0.0097+0.0042i	0.5319+1.6389i	-0.1852-0.5311i	0.2022+1.6140i	-0.0737-0.2808i
36.4	0.0775-0.0490i	-0.0670-0.0011i	0.0129-0.0335i	-0.0094+0.0039i	0.6264+1.6392i	-0.2030-0.5280i	0.2589+1.6285i	-0.0819-0.2880i
36.5	0.0742-0.0603i	-0.0711+0.0040i	0.0102-0.0348i	-0.0115+0.0011i	0.7792+1.5661i	-0.2723-0.5500i	0.3688+1.6078i	-0.1223-0.3191i
36.6	0.0731-0.0659i	-0.0757+0.0087i	0.0074-0.0351i	-0.0134+0.0007i	0.8075+1.5909i	-0.3226-0.5540i	0.4361+1.5910i	-0.1546-0.3198i
36.7	0.0703-0.0719i	-0.0803+0.0168i	0.0042-0.0341i	-0.0146+0.0008i	0.9399+1.5369i	-0.3765-0.5330i	0.5205+1.5486i	-0.1925-0.3086i
36.8	0.0657-0.0762i	-0.0810+0.0245i	0.0027-0.0328i	-0.0157+0.0007i	0.9784+1.4630i	-0.3930-0.5115i	0.5498+1.5157i	-0.2136-0.2862i
36.9	0.0609-0.0827i	-0.0827+0.0337i	-0.0002-0.0305i	-0.0176+0.0018i	0.9880+1.4438i	-0.4372-0.4920i	0.5856+1.4871i	-0.2569-0.2625i
37.0	0.0558-0.0853i	-0.0823+0.0421i	-0.0020-0.0270i	-0.0193+0.0039i	0.9978+1.3742i	-0.4865-0.4348i	0.6153+1.4367i	-0.2940-0.2242i
37.1	0.0587-0.0868i	-0.0813+0.0533i	-0.0006-0.0238i	-0.0182+0.0066i	0.9714+1.3474i	-0.4522-0.3509i	0.6095+1.4121i	-0.2656-0.1538i

37.2	0.0613-0.0946i	-0.0805+0.0614i	0.0004-0.0232i	-0.0168+0.0068i	0.9999+1.3899i	-0.4328-0.3462i	0.6227+1.4279i	-0.2435-0.1460i
37.3	0.0636-0.1056i	-0.0807+0.0710i	-0.0000-0.0224i	-0.0165+0.0061i	1.0732+1.4069i	-0.4241-0.3531i	0.6379+1.4352i	-0.2347-0.1516i
37.4	0.0605-0.1157i	-0.0780+0.0780i	-0.0002-0.0229i	-0.0159+0.0046i	1.0826+1.3626i	-0.4190-0.3757i	0.6743+1.4316i	-0.2239-0.1718i
37.5	0.0495-0.1293i	-0.0688+0.0881i	-0.0004-0.0239i	-0.0151+0.0029i	1.0873+1.3757i	-0.4166-0.4084i	0.7422+1.4561i	-0.2188-0.1981i
37.6	0.0366-0.1460i	-0.0635+0.1009i	-0.0030-0.0245i	-0.0176+0.0013i	1.1509+1.3734i	-0.4653-0.4419i	0.8050+1.4669i	-0.2614-0.2255i
37.7	0.0201-0.1553i	-0.0584+0.1100i	-0.0071-0.0243i	-0.0210+0.0007i	1.2119+1.3437i	-0.5363-0.4345i	0.8554+1.4615i	-0.3192-0.2280i
37.8	-0.0031-0.1599i	-0.0485+0.1225i	-0.0112-0.0204i	-0.0242+0.0032i	1.2605+1.3399i	-0.6208-0.3840i	0.9141+1.4643i	-0.3963-0.1825i
37.9	-0.0267-0.1589i	-0.0371+0.1398i	-0.0151-0.0135i	-0.0278+0.0089i	1.3198+1.3167i	-0.7052-0.2872i	0.9917+1.4464i	-0.4711-0.0867i
38.0	-0.0457-0.1514i	-0.0181+0.1548i	-0.0148-0.0055i	-0.0280+0.0159i	1.4108+1.3214i	-0.7087-0.1596i	1.0668+1.4181i	-0.4668+0.0338i
38.1	-0.0614-0.1326i	0.0193+0.1551i	-0.0068+0.0021i	-0.0205+0.0210i	1.4969+1.2564i	-0.6022-0.0628i	1.1431+1.3666i	-0.3532+0.1380i
38.2	-0.0658-0.1221i	0.0364+0.1472i	-0.0018+0.0035i	-0.0160+0.0211i	1.5183+1.2440i	-0.5411-0.0423i	1.1514+1.3333i	-0.2801+0.1494i
38.3	-0.0700-0.1130i	0.0537+0.1383i	0.0028+0.0041i	-0.0117+0.0203i	1.5379+1.1789i	-0.4813-0.0366i	1.1891+1.2981i	-0.2138+0.1547i
38.4	-0.0797-0.1066i	0.0795+0.1229i	0.0090+0.0006i	-0.0064+0.0171i	1.5688+1.1052i	-0.3886-0.0734i	1.2331+1.2855i	-0.1301+0.1089i
38.5	-0.0870-0.0965i	0.0904+0.1022i	0.0105-0.0038i	-0.0053+0.0126i	1.6364+1.1381i	-0.3717-0.1376i	1.3050+1.2775i	-0.1039+0.0458i
38.6	-0.0947-0.0862i	0.0975+0.0838i	0.0115-0.0060i	-0.0052+0.0097i	1.6938+1.0882i	-0.3730-0.1624i	1.3611+1.2481i	-0.0988+0.0090i
38.7	-0.1022-0.0739i	0.1017+0.0683i	0.0097-0.0060i	-0.0063+0.0078i	1.8043+1.0447i	-0.4161-0.1678i	1.4325+1.2565i	-0.1290-0.0054i
38.8	-0.1025-0.0555i	0.1035+0.0490i	0.0098-0.0066i	-0.0065+0.0059i	1.8221+1.0325i	-0.4210-0.1692i	1.5323+1.2033i	-0.1314-0.0005i
38.9	-0.1021-0.0426i	0.1025+0.0348i	0.0101-0.0068i	-0.0070+0.0053i	1.8529+0.9260i	-0.4478-0.1639i	1.5952+1.1290i	-0.1425-0.0045i
39.0	-0.1001-0.0293i	0.0981+0.0193i	0.0095-0.0070i	-0.0082+0.0039i	1.9443+0.7969i	-0.4751-0.1597i	1.6826+1.0453i	-0.1497-0.0155i
39.1	-0.0889-0.0174i	0.0860+0.0074i	0.0101-0.0068i	-0.0086+0.0031i	1.9564+0.7145i	-0.4720-0.1538i	1.7428+0.9249i	-0.1545-0.0141i
39.2	-0.0771-0.0089i	0.0738-0.0003i	0.0104-0.0061i	-0.0102+0.0028i	2.0266+0.6366i	-0.4845-0.1321i	1.8101+0.7995i	-0.1570-0.0026i
39.3	-0.0693-0.0024i	0.0679-0.0052i	0.0114-0.0054i	-0.0103+0.0023i	2.0676+0.5627i	-0.4884-0.0976i	1.8737+0.7350i	-0.1500+0.0055i
39.4	-0.0574-0.0001i	0.0594-0.0083i	0.0124-0.0057i	-0.0095+0.0031i	2.1228+0.4478i	-0.4832-0.0773i	1.8965+0.6103i	-0.1370+0.0064i
39.5	-0.0461-0.0005i	0.0517-0.0127i	0.0138-0.0067i	-0.0093+0.0015i	2.1341+0.3190i	-0.4838-0.0782i	1.9156+0.4696i	-0.1241-0.0052i
39.6	-0.0392-0.0031i	0.0459-0.0149i	0.0152-0.0085i	-0.0099-0.0008i	2.1329+0.1976i	-0.4692-0.0633i	1.9421+0.3492i	-0.1065-0.0111i
39.7	-0.0364-0.0084i	0.0405-0.0128i	0.0149-0.0096i	-0.0112-0.0017i	2.1181+0.1278i	-0.4678-0.0584i	1.9368+0.2552i	-0.1154-0.0189i
39.8	-0.0392-0.0064i	0.0397-0.0127i	0.0137-0.0079i	-0.0132-0.0005i	2.0323-0.0048i	-0.4920-0.0224i	1.8784+0.1201i	-0.1423+0.0012i
39.9	-0.0328-0.0056i	0.0354-0.0150i	0.0152-0.0088i	-0.0136-0.0012i	1.9598-0.0765i	-0.4731-0.0015i	1.8180-0.0023i	-0.1208+0.0091i
40.0	-0.0253-0.0075i	0.0285-0.0172i	0.0167-0.0106i	-0.0135-0.0020i	1.9089-0.1698i	-0.4423+0.0138i	1.7618-0.1193i	-0.1048+0.0102i
40.1	-0.0203-0.0132i	0.0233-0.0153i	0.0166-0.0113i	-0.0135-0.0028i	1.8398-0.2447i	-0.4284+0.0180i	1.6939-0.2100i	-0.1017+0.0016i
40.2	-0.0182-0.0186i	0.0169-0.0124i	0.0159-0.0125i	-0.0153-0.0031i	1.6972-0.3836i	-0.4080+0.0339i	1.5772-0.3006i	-0.0930-0.0111i
40.3	-0.0158-0.0204i	0.0137-0.0102i	0.0158-0.0131i	-0.0157-0.0034i	1.6696-0.3943i	-0.3807+0.0454i	1.5171-0.3354i	-0.0793-0.0066i
40.4	-0.0156-0.0255i	0.0148-0.0067i	0.0167-0.0138i	-0.0152-0.0042i	1.5831-0.4223i	-0.3710+0.0545i	1.4650-0.3577i	-0.0701-0.0052i
40.5	-0.0154-0.0307i	0.0154-0.0078i	0.0176-0.0162i	-0.0154-0.0053i	1.5368-0.5017i	-0.3594+0.0337i	1.3979-0.3928i	-0.0681-0.0261i
40.6	-0.0162-0.0352i	0.0132-0.0069i	0.0167-0.0170i	-0.0163-0.0060i	1.5053-0.5361i	-0.3407+0.0351i	1.3368-0.4373i	-0.0653-0.0395i
40.7	-0.0187-0.0393i	0.0124-0.0066i	0.0162-0.0180i	-0.0175-0.0073i	1.4161-0.5292i	-0.3293+0.0272i	1.2957-0.4661i	-0.0653-0.0466i
40.8	-0.0222-0.0420i	0.0123-0.0074i	0.0146-0.0188i	-0.0190-0.0074i	1.3293-0.5399i	-0.3302+0.0208i	1.2341-0.5006i	-0.0758-0.0535i
40.9	-0.0238-0.0448i	0.0083-0.0070i	0.0128-0.0208i	-0.0205-0.0081i	1.3027-0.5673i	-0.3184+0.0191i	1.1571-0.5325i	-0.0780-0.0682i
41.0	-0.0260-0.0497i	0.0042-0.0050i	0.0110-0.0222i	-0.0226-0.0083i	1.2817-0.5901i	-0.3158+0.0082i	1.1062-0.5573i	-0.0790-0.0821i
41.1	-0.0350-0.0539i	0.0041-0.0009i	0.0083-0.0223i	-0.0260-0.0085i	1.1780-0.6228i	-0.3256+0.0241i	1.0246-0.5660i	-0.0977-0.0764i
41.2	-0.0438-0.0520i	0.0045-0.0005i	0.0059-0.0213i	-0.0289-0.0071i	1.1043-0.6225i	-0.3357+0.0405i	0.9785-0.5696i	-0.1103-0.0610i
41.3	-0.0479-0.0454i	0.0016-0.0004i	0.0045-0.0201i	-0.0309-0.0054i	1.0484-0.5917i	-0.3035+0.0611i	0.8850-0.5887i	-0.1018-0.0427i
41.4	-0.0466-0.0439i	-0.0026-0.0007i	0.0047-0.0203i	-0.0318-0.0048i	0.9884-0.5151i	-0.2746+0.0327i	0.8083-0.5651i	-0.0806-0.0690i
41.5	-0.0505-0.0530i	-0.0067+0.0074i	0.0013-0.0207i	-0.0344-0.0039i	1.0036-0.4913i	-0.2937+0.0153i	0.7774-0.5667i	-0.1112-0.0885i
41.6	-0.0575-0.0532i	-0.0049+0.0145i	-0.0003-0.0181i	-0.0359-0.0010i	0.9544-0.5066i	-0.3165+0.0162i	0.7328-0.5389i	-0.1365-0.0836i
41.7	-0.0669-0.0516i	-0.0022+0.0181i	-0.0023-0.0162i	-0.0376+0.0002i	0.8978-0.4777i	-0.3367+0.0036i	0.7014-0.5056i	-0.1605-0.0846i
41.8	-0.0770-0.0453i	0.0032+0.0249i	-0.0042-0.0126i	-0.0391+0.0033i	0.8937-0.4970i	-0.3382+0.0311i	0.6480-0.4950i	-0.1704-0.0549i
41.9	-0.0775-0.0353i	0.0100+0.0222i	-0.0014-0.0112i	-0.0368+0.0052i	0.8398-0.4075i	-0.3134+0.0337i	0.6288-0.4367i	-0.1462-0.0329i
42.0	-0.0825-0.0331i	0.0097+0.0171i	-0.0024-0.0117i	-0.0379+0.0044i	0.8507-0.4184i	-0.3182+0.0370i	0.6385-0.4398i	-0.1413-0.0412i
42.1	-0.0859-0.0271i	0.0081+0.0171i	-0.0042-0.0104i	-0.0396+0.0054i	0.8147-0.4736i	-0.3185+0.0444i	0.6133-0.4479i	-0.1507-0.0410i
42.2	-0.0941-0.0190i	0.0050+0.0178i	-0.0075-0.0074i	-0.0434+0.0081i	0.7968-0.4555i	-0.3450+0.0581i	0.5845-0.4456i	-0.1948-0.0260i
42.3	-0.0943-0.0086i	0.0054+0.0212i	-0.0076-0.0027i	-0.0443+0.0141i	0.7887-0.3746i	-0.3401+0.0786i	0.5788-0.4180i	-0.2020+0.0008i
42.4	-0.0913-0.0016i	0.0088+0.0262i	-0.0053+0.0002i	-0.0430+0.0180i	0.7748-0.3612i	-0.3256+0.0931i	0.5834-0.4309i	-0.1904+0.0273i
42.5	-0.0897+0.0056i	0.0129+0.0311i	-0.0028+0.0039i	-0.0405+0.0214i	0.7291-0.3980i	-0.2984+0.1149i	0.5638-0.4598i	-0.1516+0.0425i
42.6	-0.0886+0.0105i	0.0185+0.0313i	-0.0006+0.0059i	-0.0372+0.0227i	0.7273-0.4756i	-0.2877+0.1055i	0.5350-0.4603i	-0.1360+0.0281i
42.7	-0.0885+0.0188i	0.0242+0.0315i	0.0012+0.0080i	-0.0360+0.0249i	0.7516-0.4933i	-0.2964+0.1162i	0.4868-0.4737i	-0.1419+0.0425i
42.8	-0.0876+0.0239i	0.0306+0.0282i	0.0032+0.0089i	-0.0338+0.0255i	0.6890-0.3955i	-0.2870+0.1271i	0.4343-0.4292i	-0.1415+0.0529i
42.9	-0.0870+0.0355i	0.0322+0.0188i	0.0049+0.0098i	-0.0341+0.0269i	0.7076-0.3558i	-0.2699+0.1446i	0.4816-0.4042i	-0.1311+0.0789i
43.0	-0.0788+0.0509i	0.0285+0.0143i	0.0080+0.0120i	-0.0337+0.0293i	0.7257-0.4015i	-0.2703+0.1789i	0.4976-0.4478i	-0.1173+0.1138i
43.1	-0.0608+0.0558i	0.0279+0.0161i	0.0128+0.0142i	-0.0273+0.0318i	0.6616-0.5198i	-0.2197+0.1907i	0.4579-0.5052i	-0.0697+0.1170i
43.2	-0.0504+0.0519i	0.0306+0.0161i	0.0170+0.0138i	-0.0237+0.0317i	0.5730-0.5282i	-0.1713+0.1715i	0.3965-0.5298i	-0.0190+0.0989i
43.3	-0.0411+0.0585i	0.0342+0.0053i	0.0218+0.0113i	-0.0199+0.0294i	0.5400-0.4231i	-0.1019+0.1517i	0.3070-0.5049i	0.0271+0.0780i
43.4	-0.0315+0.0493i	0.0219+0.0016i	0.0214+0.0067i	-0.0208+0.0256i	0.5169-0.4202i	-0.1179+0.1117i	0.2767-0.4428i	0.0051+0.0334i

43.5	-0.0310+0.0425i	0.0173+0.0070i	0.0200+0.0066i	-0.0226+0.0259i	0.5091-0.3956i	-0.1466+0.1195i	0.3140-0.4305i	-0.0238+0.0316i
43.6	-0.0331+0.0403i	0.0183+0.0141i	0.0202+0.0078i	-0.0235+0.0276i	0.5465-0.4415i	-0.1381+0.1276i	0.3286-0.4636i	-0.0194+0.0505i
43.7	-0.0299+0.0446i	0.0225+0.0178i	0.0242+0.0085i	-0.0206+0.0306i	0.5103-0.4861i	-0.0945+0.1480i	0.2543-0.5169i	0.0212+0.0558i
43.8	-0.0281+0.0454i	0.0238+0.0163i	0.0254+0.0069i	-0.0203+0.0312i	0.4184-0.4666i	-0.0771+0.1145i	0.1771-0.5227i	0.0324+0.0323i
43.9	-0.0239+0.0445i	0.0227+0.0156i	0.0261+0.0050i	-0.0196+0.0310i	0.3509-0.3949i	-0.0768+0.0915i	0.1002-0.4694i	0.0209+0.0150i
44.0	-0.0249+0.0473i	0.0174+0.0147i	0.0224+0.0053i	-0.0219+0.0325i	0.2901-0.3170i	-0.0944+0.1001i	0.0417-0.3942i	-0.0113+0.0239i
44.1	-0.0141+0.0499i	0.0162+0.0227i	0.0254+0.0085i	-0.0180+0.0361i	0.2750-0.3026i	-0.0736+0.1072i	0.0461-0.3470i	0.0129+0.0476i
44.2	-0.0088+0.0390i	0.0217+0.0328i	0.0299+0.0068i	-0.0140+0.0361i	0.3114-0.2368i	-0.0484+0.1002i	0.0704-0.3316i	0.0414+0.0372i
44.3	-0.0058+0.0420i	0.0316+0.0365i	0.0333+0.0086i	-0.0099+0.0388i	0.3177-0.2118i	-0.0170+0.1180i	0.0340-0.3047i	0.0873+0.0647i
44.4	0.0010+0.0368i	0.0412+0.0362i	0.0384+0.0063i	-0.0045+0.0370i	0.3168-0.1877i	0.0228+0.0905i	0.0230-0.2614i	0.1417+0.0330i
44.5	-0.0009+0.0287i	0.0498+0.0311i	0.0405+0.0013i	-0.0018+0.0328i	0.3114-0.1771i	0.0409+0.0289i	0.0078-0.2312i	0.1522-0.0387i
44.6	-0.0018+0.0290i	0.0553+0.0276i	0.0408-0.0000i	-0.0010+0.0312i	0.2853-0.1355i	0.0240+0.0015i	-0.0077-0.1897i	0.1370-0.0528i
44.7	0.0015+0.0278i	0.0597+0.0198i	0.0423-0.0024i	0.0017+0.0289i	0.3101-0.1018i	0.0383-0.0196i	0.0125-0.1389i	0.1368-0.0766i
44.8	0.0048+0.0196i	0.0633+0.0111i	0.0446-0.0092i	0.0034+0.0232i	0.3342-0.0675i	0.0393-0.0608i	0.0064-0.1138i	0.1343-0.1212i
44.9	-0.0060+0.0124i	0.0610+0.0024i	0.0404-0.0152i	-0.0000+0.0170i	0.3363-0.0273i	-0.0208-0.0860i	0.0234-0.0730i	0.0806-0.1621i
45.0	-0.0138+0.0239i	0.0580+0.0052i	0.0367-0.0103i	-0.0035+0.0225i	0.3583+0.0083i	-0.0457-0.0562i	0.0626-0.0668i	0.0611-0.1134i
45.1	-0.0062+0.0259i	0.0606+0.0003i	0.0393-0.0111i	-0.0008+0.0222i	0.3189-0.0177i	-0.0117-0.0568i	0.0567-0.0727i	0.0800-0.1026i
45.2	-0.0077+0.0240i	0.0613-0.0038i	0.0391-0.0129i	-0.0003+0.0208i	0.3737-0.0237i	-0.0136-0.0612i	0.0650-0.0494i	0.0765-0.1112i
45.3	-0.0110+0.0328i	0.0620-0.0065i	0.0377-0.0114i	-0.0004+0.0232i	0.3631-0.0033i	-0.0188-0.0424i	0.0811-0.0426i	0.0813-0.1042i
45.4	-0.0012+0.0367i	0.0631-0.0147i	0.0403-0.0130i	0.0025+0.0211i	0.4113-0.0174i	0.0165-0.0699i	0.0709-0.0335i	0.1323-0.1273i
45.5	0.0045+0.0374i	0.0584-0.0198i	0.0405-0.0140i	0.0026+0.0195i	0.3979-0.0099i	0.0208-0.0866i	0.0762-0.0102i	0.1321-0.1535i
45.6	0.0086+0.0349i	0.0574-0.0209i	0.0427-0.0148i	0.0032+0.0182i	0.4004+0.0003i	0.0159-0.0949i	0.1027-0.0073i	0.1299-0.1570i
45.7	0.0132+0.0390i	0.0540-0.0235i	0.0429-0.0154i	0.0031+0.0187i	0.4196-0.0160i	0.0103-0.1195i	0.0833-0.0187i	0.1216-0.1648i
45.8	0.0262+0.0427i	0.0530-0.0195i	0.0459-0.0138i	0.0069+0.0220i	0.4112-0.0005i	0.0302-0.1157i	0.0641+0.0112i	0.1448-0.1507i
45.9	0.0422+0.0286i	0.0587-0.0204i	0.0528-0.0192i	0.0140+0.0177i	0.4352+0.0663i	0.0812-0.1452i	0.0891+0.0451i	0.2005-0.1929i
46.0	0.0384+0.0163i	0.0624-0.0248i	0.0517-0.0250i	0.0141+0.0115i	0.4638+0.0350i	0.0573-0.2082i	0.1095+0.0537i	0.1982-0.2613i
46.1	0.0410+0.0133i	0.0684-0.0342i	0.0552-0.0308i	0.0179+0.0067i	0.4700+0.0666i	0.0609-0.2396i	0.1239+0.0377i	0.2233-0.3212i
46.2	0.0383+0.0004i	0.0645-0.0542i	0.0529-0.0419i	0.0160-0.0032i	0.4791+0.0760i	0.0477-0.3068i	0.1161+0.0389i	0.1923-0.4189i
46.3	0.0379+0.0022i	0.0458-0.0582i	0.0453-0.0435i	0.0097-0.0030i	0.4527+0.0361i	-0.0082-0.3058i	0.1075+0.0388i	0.1074-0.4314i
46.4	0.0583-0.0103i	0.0438-0.0511i	0.0490-0.0426i	0.0140-0.0023i	0.4716+0.0064i	0.0073-0.3038i	0.1015+0.0606i	0.1386-0.4235i
46.5	0.0489-0.0299i	0.0420-0.0546i	0.0439-0.0508i	0.0102-0.0106i	0.4576+0.0168i	-0.0210-0.3706i	0.1106+0.0893i	0.1011-0.5092i
46.6	0.0289-0.0293i	0.0328-0.0550i	0.0347-0.0534i	0.0026-0.0122i	0.4624+0.0681i	-0.0841-0.4133i	0.1259+0.1145i	0.0007-0.5495i
46.7	0.0175-0.0284i	0.0242-0.0538i	0.0284-0.0513i	-0.0027-0.0093i	0.4394+0.1020i	-0.1534-0.4026i	0.1229+0.1446i	-0.0938-0.5318i
46.8	0.0180-0.0203i	0.0227-0.0466i	0.0290-0.0452i	-0.0013-0.0042i	0.4985+0.1244i	-0.1648-0.3650i	0.1633+0.1620i	-0.1025-0.4788i
46.9	0.0291-0.0249i	0.0261-0.0476i	0.0329-0.0471i	0.0039-0.0052i	0.5252+0.0808i	-0.1583-0.3741i	0.2027+0.1341i	-0.0788-0.4826i
47.0	0.0349-0.0402i	0.0283-0.0529i	0.0346-0.0535i	0.0058-0.0117i	0.5410+0.0877i	-0.1599-0.3993i	0.2129+0.1252i	-0.0820-0.5309i
47.1	0.0072-0.0530i	0.0152-0.0581i	0.0202-0.0585i	-0.0065-0.0180i	0.5224+0.1134i	-0.2446-0.4291i	0.2136+0.1322i	-0.2115-0.5775i
47.2	0.0007-0.0443i	0.0124-0.0546i	0.0148-0.0560i	-0.0101-0.0152i	0.5320+0.0932i	-0.2914-0.4084i	0.2290+0.1289i	-0.2805-0.5498i
47.3	0.0045-0.0375i	0.0144-0.0507i	0.0163-0.0524i	-0.0084-0.0126i	0.5668+0.0661i	-0.3016-0.3553i	0.2368+0.1186i	-0.3081-0.4833i
47.4	0.0067-0.0375i	0.0118-0.0471i	0.0150-0.0492i	-0.0080-0.0124i	0.5490+0.0478i	-0.3316-0.3207i	0.2497+0.1078i	-0.3309-0.4400i
47.5	0.0061-0.0419i	0.0100-0.0473i	0.0146-0.0495i	-0.0082-0.0133i	0.5344+0.0410i	-0.3521-0.3027i	0.2484+0.1043i	-0.3366-0.4219i
47.6	0.0076-0.0526i	0.0111-0.0509i	0.0135-0.0526i	-0.0085-0.0169i	0.5630+0.0665i	-0.3453-0.3097i	0.2685+0.1160i	-0.3469-0.4232i
47.7	-0.0032-0.0590i	0.0063-0.0514i	0.0037-0.0518i	-0.0173-0.0183i	0.5740+0.0581i	-0.3606-0.3263i	0.2744+0.1453i	-0.4191-0.4191i
47.8	-0.0177-0.0480i	0.0014-0.0441i	0.0026-0.0453i	-0.0201-0.0128i	0.5539+0.0634i	-0.4007-0.2623i	0.3198+0.1205i	-0.4488-0.3277i
47.9	-0.0113-0.0431i	0.0041-0.0400i	0.0067-0.0450i	-0.0165-0.0119i	0.6102+0.0277i	-0.4008-0.2061i	0.3257+0.0645i	-0.4097-0.2854i
48.0	-0.0126-0.0512i	0.0063-0.0439i	0.0076-0.0494i	-0.0159-0.0160i	0.6310+0.0303i	-0.3930-0.2170i	0.3116+0.0480i	-0.3943-0.3179i
48.1	-0.0244-0.0517i	0.0009-0.0462i	0.0021-0.0494i	-0.0217-0.0182i	0.5999+0.0483i	-0.4098-0.2012i	0.2973+0.0311i	-0.4394-0.2990i
48.2	-0.0242-0.0537i	0.0037-0.0477i	0.0038-0.0490i	-0.0210-0.0189i	0.5962+0.0205i	-0.4003-0.1985i	0.3066+0.0373i	-0.4172-0.2689i
48.3	-0.0318-0.0550i	-0.0006-0.0499i	0.0001-0.0493i	-0.0253-0.0191i	0.5855+0.0161i	-0.4221-0.1943i	0.3084+0.0362i	-0.4475-0.2595i
48.4	-0.0340-0.0464i	-0.0002-0.0457i	-0.0017-0.0455i	-0.0270-0.0158i	0.5580+0.0260i	-0.4362-0.1426i	0.3118+0.0502i	-0.4503-0.2118i
48.5	-0.0338-0.0435i	0.0001-0.0447i	-0.0014-0.0446i	-0.0270-0.0151i	0.5435+0.0483i	-0.4341-0.1092i	0.3125+0.0555i	-0.4234-0.1943i
48.6	-0.0371-0.0410i	0.0011-0.0434i	-0.0011-0.0427i	-0.0289-0.0136i	0.5918+0.0564i	-0.4145-0.1114i	0.3253+0.0392i	-0.4090-0.1807i
48.7	-0.0405-0.0401i	-0.0011-0.0471i	-0.0022-0.0430i	-0.0316-0.0130i	0.6398+0.0679i	-0.3979-0.1254i	0.3494+0.0217i	-0.4019-0.1827i
48.8	-0.0441-0.0395i	-0.0065-0.0494i	-0.0058-0.0443i	-0.0345-0.0136i	0.6111-0.0040i	-0.4018-0.1218i	0.3292+0.0050i	-0.4205-0.1820i
48.9	-0.0508-0.0351i	-0.0127-0.0470i	-0.0103-0.0412i	-0.0385-0.0121i	0.5539-0.0379i	-0.4039-0.0995i	0.3153-0.0048i	-0.4432-0.1503i
49.0	-0.0511-0.0264i	-0.0153-0.0426i	-0.0100-0.0376i	-0.0400-0.0085i	0.5611-0.0760i	-0.4014-0.0707i	0.3189-0.0310i	-0.4402-0.1208i
49.1	-0.0489-0.0170i	-0.0155-0.0371i	-0.0086-0.0331i	-0.0397-0.0038i	0.5979-0.0220i	-0.4066-0.0646i	0.3086-0.0267i	-0.4026-0.0942i
49.2	-0.0427-0.0160i	-0.0124-0.0368i	-0.0062-0.0330i	-0.0367-0.0044i	0.5920-0.0293i	-0.4070-0.0363i	0.3030-0.0278i	-0.3853-0.0984i
49.3	-0.0410-0.0237i	-0.0126-0.0411i	-0.0059-0.0362i	-0.0358-0.0057i	0.5933-0.0401i	-0.3506-0.0605i	0.3009-0.0371i	-0.3811-0.1092i
49.4	-0.0529-0.0297i	-0.0193-0.0443i	-0.0103-0.0392i	-0.0405-0.0074i	0.5936-0.0649i	-0.3879-0.0952i	0.3099-0.0433i	-0.4040-0.1212i
49.5	-0.0577-0.0214i	-0.0215-0.0408i	-0.0126-0.0367i	-0.0427-0.0050i	0.6129-0.0416i	-0.4330-0.0760i	0.3057-0.0533i	-0.4179-0.1061i
49.6	-0.0393-0.0056i	-0.0132-0.0303i	-0.0139-0.0303i	-0.0451+0.0027i	0.6759-0.0323i	-0.3691-0.0646i	0.2935-0.0569i	-0.4114-0.0973i
49.7	-0.0383-0.0171i	-0.0130-0.0373i	-0.0072-0.0313i	-0.0389+0.0016i	0.6440-0.0593i	-0.3331-0.0588i	0.2818-0.0551i	-0.3840-0.0897i

49.8	-0.0491-0.0237i	-0.0169-0.0429i	-0.0057-0.0364i	-0.0380-0.0035i	0.6180-0.0332i	-0.3602-0.0713i	0.2924-0.0353i	-0.3831-0.0954i
49.9	-0.0473-0.0189i	-0.0156-0.0417i	-0.0067-0.0366i	-0.0393-0.0021i	0.5528+0.0648i	-0.2334-0.0670i	0.3062-0.0548i	-0.3833-0.1372i
50.0	-0.0392-0.0136i	-0.0122-0.0392i	-0.0048-0.0355i	-0.0372-0.0001i	0.5405+0.1586i	-0.0307-0.0699i	0.2966-0.0779i	-0.3664-0.1898i
50.1	-0.0459-0.0117i	-0.0192-0.0370i	-0.0078-0.0308i	-0.0387+0.0028i	0.5109+0.0080i	-0.2633+0.1090i	0.2813-0.0963i	-0.3527-0.1073i
50.2	-0.0525-0.0090i	-0.0267-0.0351i	-0.0108-0.0316i	-0.0415+0.0030i	0.5408-0.0528i	-0.3347+0.0380i	0.2651-0.0804i	-0.3862-0.0791i
50.3	-0.0528-0.0063i	-0.0280-0.0319i	-0.0133-0.0301i	-0.0449+0.0057i	0.5882-0.0274i	-0.3485-0.0109i	0.2709-0.0666i	-0.4179-0.0666i
50.4	-0.0534-0.0055i	-0.0299-0.0299i	-0.0172-0.0262i	-0.0493+0.0093i	0.6050-0.0313i	-0.3529-0.0150i	0.2635-0.0701i	-0.4297-0.0449i
50.5	-0.0556-0.0050i	-0.0324-0.0273i	-0.0154-0.0260i	-0.0475+0.0101i	0.5925-0.0859i	-0.3843-0.0026i	0.2512-0.0803i	-0.4110+0.0116i
50.6	-0.0554-0.0099i	-0.0299-0.0317i	-0.0159-0.0310i	-0.0466+0.0077i	0.6410-0.0916i	-0.3998-0.0401i	0.2660-0.0991i	-0.3941+0.0042i
50.7	-0.0486-0.0079i	-0.0255-0.0315i	-0.0131-0.0314i	-0.0434+0.0071i	0.6665-0.0590i	-0.3703-0.0325i	0.2525-0.0886i	-0.3976-0.0211i
50.8	-0.0499-0.0051i	-0.0260-0.0296i	-0.0148-0.0296i	-0.0448+0.0087i	0.6627-0.0845i	-0.3526-0.0147i	0.2752-0.0844i	-0.4139-0.0222i
50.9	-0.0532-0.0009i	-0.0284-0.0277i	-0.0142-0.0294i	-0.0449+0.0105i	0.6405-0.1117i	-0.3633+0.0083i	0.2837-0.1053i	-0.4277-0.0088i
51.0	-0.0533-0.0003i	-0.0313-0.0275i	-0.0148-0.0274i	-0.0455+0.0130i	0.6086-0.0292i	-0.3605+0.0041i	0.2701-0.1016i	-0.4282-0.0042i
51.1	-0.0538-0.0026i	-0.0321-0.0283i	-0.0157-0.0271i	-0.0450+0.0131i	0.6180-0.0284i	-0.3549+0.0147i	0.2793-0.0991i	-0.4157-0.0062i
51.2	-0.0608+0.0004i	-0.0361-0.0273i	-0.0182-0.0293i	-0.0479+0.0118i	0.6127-0.1186i	-0.3984+0.0305i	0.2766-0.1002i	-0.4179-0.0035i
51.3	-0.0628+0.0128i	-0.0370-0.0175i	-0.0220-0.0231i	-0.0511+0.0176i	0.5742-0.1070i	-0.4235+0.0790i	0.2791-0.1353i	-0.4165+0.0478i
51.4	-0.0554+0.0118i	-0.0333-0.0193i	-0.0197-0.0200i	-0.0486+0.0213i	0.6076-0.0584i	-0.3385+0.0532i	0.2590-0.1499i	-0.4306+0.0637i
51.5	-0.0534+0.0125i	-0.0337-0.0191i	-0.0160-0.0208i	-0.0437+0.0202i	0.6114-0.0817i	-0.3394+0.0271i	0.2485-0.1508i	-0.4077+0.0824i
51.6	-0.0543+0.0081i	-0.0361-0.0225i	-0.0179-0.0250i	-0.0448+0.0169i	0.5941-0.1572i	-0.3497+0.0254i	0.2337-0.1628i	-0.3846+0.0689i
51.7	-0.0602+0.0105i	-0.0418-0.0203i	-0.0221-0.0222i	-0.0485+0.0194i	0.5495-0.0887i	-0.3521+0.0491i	0.2327-0.1656i	-0.4011+0.0787i
51.8	-0.0606+0.0165i	-0.0420-0.0154i	-0.0222-0.0179i	-0.0484+0.0230i	0.5562-0.0698i	-0.3655+0.0624i	0.2457-0.1787i	-0.4111+0.0934i
51.9	-0.0546+0.0203i	-0.0400-0.0130i	-0.0213-0.0171i	-0.0457+0.0229i	0.5889-0.1024i	-0.3482+0.0701i	0.2434-0.1806i	-0.3907+0.1127i
52.0	-0.0544+0.0173i	-0.0408-0.0134i	-0.0218-0.0174i	-0.0449+0.0231i	0.6167-0.1010i	-0.3343+0.0653i	0.2438-0.1841i	-0.3738+0.1025i
52.1	-0.0570+0.0206i	-0.0428-0.0107i	-0.0234-0.0163i	-0.0470+0.0243i	0.5927-0.0923i	-0.3484+0.0840i	0.2080-0.1943i	-0.3877+0.1182i
52.2	-0.0555+0.0264i	-0.0431-0.0075i	-0.0212-0.0117i	-0.0458+0.0281i	0.5963-0.1021i	-0.3393+0.0935i	0.1971-0.1939i	-0.3842+0.1461i
52.3	-0.0512+0.0308i	-0.0426-0.0063i	-0.0202-0.0092i	-0.0438+0.0307i	0.5618-0.1118i	-0.3334+0.1052i	0.2042-0.2104i	-0.3674+0.1609i
52.4	-0.0463+0.0299i	-0.0413-0.0058i	-0.0191-0.0115i	-0.0419+0.0295i	0.5772-0.1523i	-0.3230+0.0971i	0.2019-0.2109i	-0.3342+0.1445i
52.5	-0.0464+0.0239i	-0.0413-0.0067i	-0.0183-0.0132i	-0.0410+0.0279i	0.5582-0.1591i	-0.3143+0.0719i	0.1731-0.2226i	-0.3163+0.1200i
52.6	-0.0481+0.0251i	-0.0430-0.0052i	-0.0185-0.0113i	-0.0422+0.0294i	0.5643-0.1554i	-0.3112+0.0879i	0.1510-0.2211i	-0.3238+0.1328i
52.7	-0.0424+0.0274i	-0.0417-0.0018i	-0.0164-0.0097i	-0.0405+0.0304i	0.5011-0.1327i	-0.3010+0.0889i	0.1179-0.2176i	-0.3143+0.1462i
52.8	-0.0410+0.0253i	-0.0420-0.0000i	-0.0168-0.0115i	-0.0403+0.0301i	0.5206-0.1506i	-0.2902+0.0835i	0.1238-0.2170i	-0.3061+0.1284i
52.9	-0.0439+0.0257i	-0.0420+0.0015i	-0.0181-0.0109i	-0.0417+0.0308i	0.5097-0.1106i	-0.2886+0.0749i	0.1236-0.2193i	-0.3184+0.1260i
53.0	-0.0434+0.0260i	-0.0403+0.0004i	-0.0178-0.0112i	-0.0409+0.0325i	0.4917-0.1292i	-0.2828+0.0808i	0.1195-0.2559i	-0.3088+0.1382i
53.1	-0.0450+0.0239i	-0.0433-0.0005i	-0.0210-0.0133i	-0.0422+0.0316i	0.4885-0.1439i	-0.2924+0.0841i	0.0983-0.2660i	-0.3272+0.1356i
53.2	-0.0502+0.0238i	-0.0490+0.0012i	-0.0241-0.0108i	-0.0448+0.0322i	0.5247-0.1695i	-0.2925+0.0659i	0.0777-0.2791i	-0.3616+0.1394i
53.3	-0.0513+0.0310i	-0.0535+0.0086i	-0.0248-0.0046i	-0.0464+0.0375i	0.5333-0.1499i	-0.2999+0.0917i	0.0146-0.2716i	-0.3808+0.1757i
53.4	-0.0477+0.0357i	-0.0479+0.0182i	-0.0223-0.0002i	-0.0434+0.0421i	0.4992-0.0936i	-0.2980+0.1117i	0.0182-0.2630i	-0.3567+0.2137i
53.5	-0.0422+0.0356i	-0.0358+0.0178i	-0.0167-0.0006i	-0.0360+0.0417i	0.4574-0.1242i	-0.2607+0.1070i	-0.0573-0.2816i	-0.3059+0.2199i
53.6	-0.0418+0.0341i	-0.0381+0.0142i	-0.0178-0.0030i	-0.0367+0.0377i	0.4216-0.0558i	-0.2575+0.0937i	-0.1478-0.2314i	-0.3136+0.2152i
53.7	-0.0433+0.0315i	-0.0397+0.0139i	-0.0193-0.0041i	-0.0376+0.0373i	0.4426-0.0533i	-0.2575+0.0807i	-0.1227-0.1405i	-0.3184+0.2147i
53.8	-0.0490+0.0315i	-0.0416+0.0151i	-0.0218-0.0030i	-0.0403+0.0387i	0.4444-0.0668i	-0.2811+0.0786i	-0.1030-0.1151i	-0.3365+0.2074i
53.9	-0.0530+0.0421i	-0.0444+0.0206i	-0.0231+0.0035i	-0.0424+0.0437i	0.4308-0.0662i	-0.2741+0.0956i	-0.1074-0.1027i	-0.3338+0.2549i
54.0	-0.0516+0.0498i	-0.0452+0.0243i	-0.0235+0.0075i	-0.0423+0.0483i	0.4873-0.0773i	-0.2668+0.1131i	-0.0742-0.0887i	-0.3137+0.2983i
54.1	-0.0441+0.0609i	-0.0426+0.0309i	-0.0212+0.0128i	-0.0378+0.0551i	0.5040-0.0585i	-0.2594+0.1064i	-0.0233-0.0221i	-0.2665+0.3513i
54.2	-0.0333+0.0566i	-0.0368+0.0302i	-0.0162+0.0109i	-0.0308+0.0529i	0.4815-0.0256i	-0.2513+0.1054i	-0.0004-0.0224i	-0.2038+0.3339i
54.3	-0.0354+0.0524i	-0.0397+0.0305i	-0.0179+0.0103i	-0.0322+0.0492i	0.4781-0.0341i	-0.2426+0.1246i	-0.0094-0.0393i	-0.2030+0.3056i
54.4	-0.0319+0.0621i	-0.0400+0.0388i	-0.0158+0.0174i	-0.0304+0.0542i	0.4560-0.0196i	-0.2312+0.1395i	0.0203-0.0631i	-0.1748+0.3633i
54.5	-0.0221+0.0608i	-0.0333+0.0412i	-0.0105+0.0181i	-0.0247+0.0539i	0.4860-0.0177i	-0.2253+0.1368i	0.0513-0.0192i	-0.1011+0.3675i
54.6	-0.0167+0.0558i	-0.0274+0.0406i	-0.0059+0.0159i	-0.0214+0.0515i	0.5519+0.0022i	-0.2311+0.1318i	0.0682-0.0207i	-0.0668+0.3387i
54.7	-0.0150+0.0469i	-0.0250+0.0384i	-0.0049+0.0128i	-0.0207+0.0474i	0.6060-0.0204i	-0.2070+0.1048i	0.1043-0.0490i	-0.0322+0.2756i
54.8	-0.0181+0.0431i	-0.0246+0.0372i	-0.0052+0.0110i	-0.0225+0.0452i	0.5514-0.0601i	-0.1894+0.0846i	0.0995-0.0853i	-0.0270+0.2269i
54.9	-0.0200+0.0468i	-0.0244+0.0417i	-0.0047+0.0140i	-0.0222+0.0481i	0.5337-0.1058i	-0.1924+0.0911i	0.1043-0.1340i	-0.0260+0.2116i
55.0	-0.0185+0.0471i	-0.0227+0.0443i	-0.0041+0.0154i	-0.0213+0.0499i	0.5342-0.0965i	-0.1950+0.0859i	0.1200-0.1865i	-0.0175+0.1902i
55.1	-0.0160+0.0469i	-0.0179+0.0460i	-0.0020+0.0151i	-0.0194+0.0499i	0.5794-0.0586i	-0.2265+0.0880i	0.0906-0.1875i	-0.0195+0.1651i
55.2	-0.0187+0.0461i	-0.0164+0.0447i	-0.0007+0.0124i	-0.0201+0.0485i	0.5301-0.0990i	-0.2576+0.0907i	0.0348-0.1993i	-0.0473+0.1480i
55.3	-0.0179+0.0461i	-0.0137+0.0447i	0.0004+0.0129i	-0.0182+0.0502i	0.5096-0.1041i	-0.2404+0.0753i	0.0432-0.2038i	-0.0469+0.1375i
55.4	-0.0149+0.0454i	-0.0098+0.0431i	0.0026+0.0129i	-0.0157+0.0498i	0.6055-0.0902i	-0.2311+0.0801i	0.0093-0.1863i	-0.0502+0.1282i
55.5	-0.0133+0.0429i	-0.0081+0.0426i	0.0031+0.0119i	-0.0160+0.0478i	0.6314-0.1252i	-0.2416+0.0814i	-0.0181-0.1966i	-0.0610+0.1201i
55.6	-0.0134+0.0453i	-0.0055+0.0464i	0.0040+0.0143i	-0.0144+0.0502i	0.5890-0.1046i	-0.2432+0.0637i	-0.0245-0.2092i	-0.0701+0.1475i
55.7	-0.0132+0.0458i	-0.0000+0.0477i	0.0063+0.0145i	-0.0118+0.0501i	0.5395-0.0742i	-0.2477+0.0703i	-0.0459-0.2047i	-0.0601+0.1476i
55.8	-0.0100+0.0442i	0.0046+0.0455i	0.0092+0.0127i	-0.0093+0.0494i	0.5550-0.1249i	-0.2520+0.0817i	-0.0666-0.1947i	-0.0485+0.1230i
55.9	-0.0070+0.0445i	0.0079+0.0429i	0.0094+0.0127i	-0.0074+0.0492i	0.5294-0.0965i	-0.2328+0.1059i	-0.0989-0.1726i	-0.0584+0.1331i
56.0	-0.0085+0.0428i	0.0086+0.0390i	0.0093+0.0096i	-0.0077+0.0476i	0.5347-0.0997i	-0.2328+0.0902i	-0.1037-0.1769i	-0.0667+0.1327i

56.1	-0.0100+0.0438i	0.0090+0.0378i	0.0076+0.0101i	-0.0076+0.0482i	0.5439-0.0887i	-0.2480+0.0864i	-0.1018-0.1692i	-0.0684+0.1317i
56.2	-0.0054+0.0462i	0.0129+0.0369i	0.0109+0.0103i	-0.0045+0.0482i	0.5253-0.0927i	-0.2434+0.1018i	-0.0930-0.1709i	-0.0408+0.1357i
56.3	-0.0058+0.0429i	0.0123+0.0330i	0.0121+0.0090i	-0.0039+0.0459i	0.5415-0.0591i	-0.2460+0.1098i	-0.1096-0.1572i	-0.0405+0.1186i
56.4	-0.0046+0.0417i	0.0136+0.0318i	0.0135+0.0082i	-0.0027+0.0443i	0.5183-0.0697i	-0.2391+0.1050i	-0.1220-0.1713i	-0.0443+0.1082i
56.5	-0.0017+0.0422i	0.0163+0.0310i	0.0135+0.0062i	-0.0013+0.0434i	0.5173-0.0917i	-0.2277+0.1193i	-0.1337-0.1621i	-0.0301+0.0916i
56.6	-0.0002+0.0407i	0.0161+0.0294i	0.0139+0.0056i	-0.0004+0.0420i	0.5601-0.1108i	-0.2129+0.1073i	-0.1347-0.1405i	-0.0185+0.0874i
56.7	0.0008+0.0382i	0.0163+0.0254i	0.0153+0.0045i	-0.0008+0.0398i	0.5745-0.0916i	-0.2127+0.1088i	-0.1289-0.1480i	-0.0152+0.0666i
56.8	-0.0004+0.0384i	0.0173+0.0254i	0.0157+0.0046i	-0.0001+0.0399i	0.5448-0.0909i	-0.1916+0.1078i	-0.1439-0.1354i	-0.0143+0.0668i
56.9	0.0002+0.0380i	0.0176+0.0241i	0.0146+0.0051i	-0.0003+0.0398i	0.5002-0.1226i	-0.1997+0.1129i	-0.1307-0.1208i	-0.0223+0.0528i
57.0	-0.0004+0.0346i	0.0174+0.0206i	0.0135+0.0030i	0.0002+0.0384i	0.4839-0.1388i	-0.2034+0.0988i	-0.1231-0.1219i	-0.0255+0.0297i
57.1	-0.0010+0.0349i	0.0167+0.0221i	0.0144+0.0024i	0.0001+0.0363i	0.5237-0.1384i	-0.1589+0.1199i	-0.1604-0.1259i	-0.0175+0.0320i
57.2	-0.0012+0.0377i	0.0170+0.0233i	0.0148+0.0037i	-0.0004+0.0376i	0.5206-0.1184i	-0.1821+0.1433i	-0.1861-0.1630i	-0.0207+0.0421i
57.3	-0.0002+0.0382i	0.0173+0.0211i	0.0151+0.0032i	-0.0003+0.0377i	0.5225-0.1097i	-0.1748+0.1260i	-0.1899-0.1410i	-0.0196+0.0381i
57.4	0.0012+0.0368i	0.0176+0.0193i	0.0157+0.0021i	0.0005+0.0369i	0.5703-0.0861i	-0.1535+0.1120i	-0.1869-0.1122i	-0.0137+0.0185i
57.5	0.0022+0.0372i	0.0187+0.0194i	0.0159+0.0016i	0.0008+0.0364i	0.5389-0.0807i	-0.1626+0.1071i	-0.1917-0.0982i	-0.0153+0.0170i
57.6	0.0029+0.0359i	0.0198+0.0171i	0.0160+0.0018i	0.0015+0.0357i	0.5075-0.0486i	-0.1551+0.0903i	-0.2195-0.1097i	-0.0169+0.0076i
57.7	0.0026+0.0342i	0.0186+0.0149i	0.0159+0.0020i	0.0017+0.0348i	0.4951-0.0495i	-0.1401+0.0942i	-0.2052-0.1086i	-0.0140-0.0090i
57.8	0.0012+0.0329i	0.0185+0.0138i	0.0161+0.0009i	-0.0004+0.0321i	0.5257-0.0434i	-0.1469+0.0947i	-0.2070-0.0836i	-0.0052-0.0078i
57.9	0.0045+0.0338i	0.0182+0.0145i	0.0166-0.0003i	0.0010+0.0320i	0.5315-0.0992i	-0.1587+0.0874i	-0.2116-0.0809i	-0.0214-0.0318i
58.0	0.0044+0.0306i	0.0177+0.0123i	0.0154-0.0021i	0.0017+0.0314i	0.5326-0.0470i	-0.1378+0.0649i	-0.2306-0.0718i	-0.0184-0.0526i
58.1	0.0037+0.0310i	0.0167+0.0121i	0.0164-0.0014i	0.0006+0.0306i	0.5123-0.0323i	-0.1393+0.0788i	-0.2591-0.0863i	-0.0334-0.0439i
58.2	0.0018+0.0315i	0.0151+0.0141i	0.0152-0.0001i	-0.0009+0.0311i	0.4890-0.0439i	-0.1466+0.0783i	-0.2789-0.0746i	-0.0456-0.0440i
58.3	0.0018+0.0313i	0.0180+0.0155i	0.0156+0.0002i	0.0005+0.0318i	0.5170-0.0686i	-0.1584+0.0805i	-0.2694-0.0662i	-0.0384-0.0649i
58.4	0.0025+0.0318i	0.0204+0.0119i	0.0167-0.0015i	0.0013+0.0305i	0.4994-0.0398i	-0.1417+0.0640i	-0.2920-0.0729i	-0.0397-0.0663i
58.5	0.0043+0.0306i	0.0199+0.0085i	0.0179-0.0021i	0.0020+0.0299i	0.4793+0.0110i	-0.1499+0.0352i	-0.2856-0.0658i	-0.0470-0.0828i
58.6	0.0053+0.0310i	0.0203+0.0088i	0.0182-0.0013i	0.0023+0.0299i	0.5670-0.0298i	-0.1595+0.0272i	-0.2955-0.0468i	-0.0543-0.1006i
58.7	0.0040+0.0329i	0.0203+0.0068i	0.0185-0.0020i	0.0019+0.0297i	0.5681-0.0363i	-0.1653+0.0349i	-0.2831-0.0132i	-0.0622-0.1113i
58.8	0.0048+0.0323i	0.0198+0.0064i	0.0186-0.0035i	0.0013+0.0285i	0.5593-0.0309i	-0.1662+0.0228i	-0.2960+0.0148i	-0.0616-0.1245i
58.9	0.0073+0.0294i	0.0205+0.0050i	0.0185-0.0037i	0.0019+0.0265i	0.5722-0.0104i	-0.1560-0.0014i	-0.2880+0.0255i	-0.0790-0.1302i
59.0	0.0064+0.0286i	0.0194+0.0034i	0.0178-0.0062i	0.0020+0.0252i	0.5336-0.0232i	-0.1882-0.0038i	-0.3099+0.0086i	-0.0812-0.1513i
59.1	0.0055+0.0296i	0.0164+0.0025i	0.0182-0.0064i	0.0017+0.0254i	0.6188-0.0168i	-0.2089+0.0021i	-0.3157+0.0219i	-0.0994-0.1544i
59.2	0.0057+0.0281i	0.0163+0.0018i	0.0176-0.0058i	0.0007+0.0251i	0.6310-0.0270i	-0.2075+0.0161i	-0.2935+0.0195i	-0.1213-0.1744i
59.3	0.0045+0.0262i	0.0160+0.0005i	0.0149-0.0058i	-0.0002+0.0225i	0.6184-0.0312i	-0.1991-0.0058i	-0.2907+0.0249i	-0.1376-0.1749i
59.4	0.0042+0.0272i	0.0138+0.0016i	0.0140-0.0055i	-0.0007+0.0235i	0.6463+0.0090i	-0.2144-0.0087i	-0.2530+0.0505i	-0.1816-0.1766i
59.5	0.0022+0.0283i	0.0124+0.0015i	0.0131-0.0062i	-0.0013+0.0258i	0.7304+0.0095i	-0.2131+0.0192i	-0.2594+0.0261i	-0.2060-0.1738i
59.6	0.0014+0.0265i	0.0115-0.0001i	0.0134-0.0068i	-0.0024+0.0250i	0.7212+0.0070i	-0.2378+0.0161i	-0.2545+0.0322i	-0.2226-0.1492i
59.7	0.0010+0.0278i	0.0120-0.0001i	0.0157-0.0063i	-0.0023+0.0239i	0.7526-0.0364i	-0.2392+0.0217i	-0.2321+0.0572i	-0.2324-0.1512i
59.8	0.0006+0.0297i	0.0111-0.0001i	0.0144-0.0070i	-0.0026+0.0235i	0.7389-0.0550i	-0.2626+0.0726i	-0.2256+0.0584i	-0.2473-0.1726i
59.9	-0.0054+0.0269i	0.0022-0.0048i	0.0064-0.0095i	-0.0101+0.0194i	0.4488-0.4259i	-0.5134-0.4856i	-0.1839+0.0793i	-0.1573+0.2572i
60.0	0.0037+0.0259i	0.0142-0.0051i	0.0170-0.0102i	0.0009+0.0206i	1.1435-0.2041i	0.1253+0.0104i	-0.2424+0.0452i	-0.5607-0.0963i
60.1	0.0006+0.0319i	0.0067+0.0025i	0.0116-0.0050i	-0.0056+0.0265i	0.6327-0.0426i	-0.4595+0.0122i	-0.2279+0.0056i	-0.1505-0.0475i
60.2	0.0041+0.0324i	0.0082+0.0026i	0.0131-0.0034i	-0.0031+0.0260i	0.7703-0.1350i	-0.2644+0.0592i	-0.2590+0.0146i	-0.2694-0.0762i
60.3	0.0031+0.0344i	0.0085+0.0021i	0.0116-0.0031i	-0.0027+0.0261i	0.7561-0.1718i	-0.2631+0.0622i	-0.2554+0.0033i	-0.2735-0.0606i
60.4	0.0038+0.0355i	0.0090+0.0011i	0.0127-0.0037i	-0.0019+0.0258i	0.7581-0.1946i	-0.2493+0.0699i	-0.2792-0.0066i	-0.2838-0.0391i
60.5	0.0055+0.0352i	0.0088+0.0027i	0.0138-0.0032i	-0.0023+0.0254i	0.7731-0.2188i	-0.2595+0.0722i	-0.2935-0.0173i	-0.2693-0.0487i
60.6	0.0089+0.0345i	0.0106+0.0030i	0.0162-0.0023i	-0.0009+0.0253i	0.7491-0.2112i	-0.2582+0.0678i	-0.2932-0.0214i	-0.2634-0.0486i
60.7	0.0115+0.0328i	0.0119+0.0034i	0.0164-0.0034i	-0.0003+0.0250i	0.7373-0.1993i	-0.2426+0.0692i	-0.2665-0.0145i	-0.2576-0.0537i
60.8	0.0123+0.0314i	0.0096+0.0028i	0.0156-0.0032i	-0.0004+0.0244i	0.6900-0.2213i	-0.2525+0.0763i	-0.2924-0.0225i	-0.2371-0.0528i
60.9	0.0104+0.0306i	0.0106+0.0006i	0.0155-0.0046i	0.0004+0.0237i	0.6982-0.2520i	-0.2562+0.0861i	-0.3400-0.0642i	-0.2466-0.0508i
61.0	0.0097+0.0311i	0.0101-0.0001i	0.0145-0.0048i	-0.0006+0.0226i	0.7048-0.2132i	-0.2438+0.0924i	-0.3506-0.0584i	-0.2633-0.0588i
61.1	0.0105+0.0299i	0.0094-0.0010i	0.0157-0.0049i	-0.0009+0.0217i	0.7418-0.1821i	-0.2412+0.1035i	-0.3527-0.0378i	-0.2626-0.0585i
61.2	0.0122+0.0289i	0.0098-0.0022i	0.0182-0.0056i	0.0009+0.0214i	0.7301-0.2146i	-0.2348+0.0547i	-0.4136-0.0178i	-0.2504-0.0526i
61.3	0.0120+0.0320i	0.0080-0.0013i	0.0180-0.0053i	-0.0007+0.0221i	0.6927-0.1911i	-0.2452+0.0687i	-0.4273-0.0040i	-0.2728-0.0605i
61.4	0.0106+0.0289i	0.0083-0.0025i	0.0158-0.0051i	-0.0016+0.0214i	0.7369-0.2327i	-0.2610+0.0950i	-0.4226-0.0044i	-0.2638-0.0693i
61.5	0.0115+0.0287i	0.0080-0.0017i	0.0154-0.0048i	-0.0013+0.0209i	0.7458-0.2293i	-0.2605+0.0952i	-0.4302+0.0050i	-0.2466-0.0528i
61.6	0.0104+0.0294i	0.0053-0.0029i	0.0155-0.0051i	-0.0019+0.0204i	0.7660-0.2014i	-0.2509+0.0852i	-0.4640+0.0334i	-0.2581-0.0426i
61.7	0.0108+0.0294i	0.0036-0.0024i	0.0142-0.0057i	-0.0010+0.0205i	0.7868-0.2299i	-0.2473+0.0907i	-0.4755+0.0436i	-0.2859-0.0507i
61.8	0.0128+0.0277i	0.0030-0.0032i	0.0131-0.0058i	-0.0027+0.0208i	0.7407-0.2716i	-0.2505+0.0838i	-0.4862+0.0658i	-0.2750-0.0595i
61.9	0.0159+0.0278i	0.0027-0.0023i	0.0130-0.0041i	-0.0022+0.0204i	0.6847-0.2958i	-0.2556+0.0948i	-0.5144+0.0477i	-0.2616-0.0593i
62.0	0.0151+0.0290i	-0.0008-0.0008i	0.0128-0.0047i	-0.0032+0.0210i	0.6893-0.3007i	-0.2529+0.1065i	-0.5351+0.0389i	-0.2766-0.0535i
62.1	0.0151+0.0273i	-0.0012-0.0001i	0.0130-0.0034i	-0.0039+0.0214i	0.7349-0.2897i	-0.2491+0.0945i	-0.5252+0.0583i	-0.2938-0.0571i
62.2	0.0143+0.0256i	-0.0010+0.0006i	0.0133-0.0044i	-0.0039+0.0193i	0.7453-0.3054i	-0.2722+0.0989i	-0.5049+0.0748i	-0.2869-0.0762i
62.3	0.0150+0.0250i	-0.0013+0.0035i	0.0144-0.0047i	-0.0037+0.0207i	0.7414-0.2973i	-0.2786+0.1248i	-0.5050+0.0847i	-0.3015-0.0668i

62.4	0.0149+0.0248i	-0.0013+0.0029i	0.0142-0.0036i	-0.0043+0.0200i	0.6756-0.2955i	-0.2787+0.1021i	-0.5389+0.1032i	-0.2883-0.0549i
62.5	0.0159+0.0228i	-0.0017+0.0027i	0.0153-0.0033i	-0.0058+0.0195i	0.6637-0.3143i	-0.2761+0.0724i	-0.5784+0.1108i	-0.2715-0.0350i
62.6	0.0177+0.0222i	-0.0023+0.0057i	0.0164-0.0030i	-0.0044+0.0205i	0.6738-0.3565i	-0.2691+0.1073i	-0.5882+0.0645i	-0.2872-0.0510i
62.7	0.0183+0.0210i	-0.0023+0.0070i	0.0169-0.0038i	-0.0049+0.0206i	0.7002-0.3756i	-0.2841+0.1321i	-0.5621+0.1193i	-0.2796-0.0523i
62.8	0.0185+0.0207i	-0.0028+0.0085i	0.0171-0.0026i	-0.0050+0.0206i	0.7016-0.3912i	-0.2852+0.1236i	-0.6060+0.1314i	-0.2904-0.0556i
62.9	0.0192+0.0192i	-0.0024+0.0105i	0.0176-0.0035i	-0.0040+0.0206i	0.6509-0.3834i	-0.2972+0.1334i	-0.6114+0.1145i	-0.2798-0.0693i
63.0	0.0185+0.0184i	-0.0005+0.0106i	0.0177-0.0037i	-0.0044+0.0207i	0.6294-0.3688i	-0.2762+0.1298i	-0.5998+0.1192i	-0.2794-0.0862i
63.1	0.0212+0.0159i	0.0018+0.0106i	0.0195-0.0028i	-0.0032+0.0195i	0.6529-0.3875i	-0.2612+0.1332i	-0.6203+0.1613i	-0.2852-0.0725i
63.2	0.0199+0.0134i	0.0024+0.0107i	0.0193-0.0034i	-0.0049+0.0197i	0.7445-0.3780i	-0.2685+0.1438i	-0.6451+0.2155i	-0.2682-0.0647i
63.3	0.0189+0.0122i	0.0008+0.0121i	0.0190-0.0037i	-0.0047+0.0198i	0.7007-0.3753i	-0.2938+0.1380i	-0.6949+0.2027i	-0.2848-0.0536i
63.4	0.0196+0.0106i	0.0006+0.0151i	0.0196-0.0035i	-0.0044+0.0198i	0.6273-0.3549i	-0.2958+0.1586i	-0.6686+0.1976i	-0.3232-0.1005i
63.5	0.0170+0.0095i	0.0038+0.0173i	0.0187-0.0044i	-0.0045+0.0199i	0.6793-0.3265i	-0.2748+0.1853i	-0.6943+0.2213i	-0.3262-0.1215i
63.6	0.0159+0.0079i	0.0053+0.0169i	0.0181-0.0046i	-0.0047+0.0185i	0.6812-0.3956i	-0.2603+0.1835i	-0.7118+0.1936i	-0.3223-0.1242i
63.7	0.0142+0.0059i	0.0059+0.0159i	0.0186-0.0049i	-0.0051+0.0165i	0.6875-0.4456i	-0.2831+0.1781i	-0.6929+0.1958i	-0.3318-0.1203i
63.8	0.0120+0.0042i	0.0065+0.0166i	0.0190-0.0047i	-0.0065+0.0183i	0.6139-0.4273i	-0.2980+0.1886i	-0.7255+0.2149i	-0.3613-0.1079i
63.9	0.0100+0.0034i	0.0091+0.0159i	0.0202-0.0057i	-0.0063+0.0188i	0.6041-0.4263i	-0.2822+0.1866i	-0.7712+0.2275i	-0.3646-0.0908i
64.0	0.0071+0.0033i	0.0106+0.0167i	0.0185-0.0074i	-0.0079+0.0178i	0.5834-0.4200i	-0.2813+0.2025i	-0.7893+0.1970i	-0.3805-0.1208i
64.1	0.0044+0.0030i	0.0103+0.0186i	0.0178-0.0065i	-0.0076+0.0174i	0.5312-0.3875i	-0.2875+0.1859i	-0.8541+0.1878i	-0.4252-0.1334i
64.2	0.0020+0.0040i	0.0103+0.0221i	0.0163-0.0050i	-0.0084+0.0187i	0.5949-0.3775i	-0.2653+0.2076i	-0.8030+0.2751i	-0.4252-0.1645i
64.3	0.0011+0.0054i	0.0122+0.0182i	0.0164-0.0043i	-0.0083+0.0191i	0.5868-0.3362i	-0.2816+0.2368i	-0.8028+0.2975i	-0.4212-0.1595i
64.4	-0.0020+0.0060i	0.0141+0.0153i	0.0166-0.0060i	-0.0093+0.0191i	0.5857-0.3608i	-0.2749+0.1910i	-0.8691+0.2992i	-0.4579-0.1242i
64.5	-0.0029+0.0058i	0.0144+0.0149i	0.0165-0.0064i	-0.0102+0.0181i	0.5742-0.3892i	-0.2888+0.1884i	-0.9021+0.2683i	-0.4968-0.1009i
64.6	-0.0035+0.0085i	0.0151+0.0137i	0.0175-0.0067i	-0.0093+0.0191i	0.6082-0.3752i	-0.2687+0.2191i	-0.8596+0.3226i	-0.5044-0.1115i
64.7	-0.0070+0.0095i	0.0155+0.0131i	0.0173-0.0056i	-0.0097+0.0197i	0.5837-0.3743i	-0.2667+0.2057i	-0.8751+0.3146i	-0.5317-0.1066i
64.8	-0.0091+0.0114i	0.0150+0.0143i	0.0169-0.0045i	-0.0122+0.0202i	0.5593-0.3209i	-0.2676+0.2308i	-0.9354+0.3410i	-0.5480-0.0923i
64.9	-0.0096+0.0129i	0.0144+0.0133i	0.0178-0.0056i	-0.0132+0.0213i	0.5724-0.3041i	-0.2625+0.2076i	-0.9871+0.4100i	-0.5424-0.1076i
65.0	-0.0101+0.0155i	0.0149+0.0124i	0.0175-0.0053i	-0.0121+0.0217i	0.5595-0.2710i	-0.2683+0.1656i	-0.9875+0.3748i	-0.5435-0.0411i
65.1	-0.0109+0.0179i	0.0138+0.0130i	0.0152-0.0046i	-0.0130+0.0204i	0.5640-0.3152i	-0.3021+0.1673i	-0.9956+0.3713i	-0.5236-0.0352i
65.2	-0.0107+0.0207i	0.0142+0.0148i	0.0165-0.0042i	-0.0138+0.0217i	0.6278-0.3212i	-0.3256+0.2107i	-0.9578+0.4589i	-0.5169-0.0622i
65.3	-0.0096+0.0220i	0.0154+0.0150i	0.0173-0.0038i	-0.0138+0.0223i	0.5968-0.2980i	-0.3089+0.1941i	-0.9411+0.4678i	-0.5264-0.0514i
65.4	-0.0098+0.0245i	0.0169+0.0161i	0.0172-0.0024i	-0.0139+0.0224i	0.5908-0.2657i	-0.3031+0.2094i	-1.0091+0.5394i	-0.5591-0.0491i
65.5	-0.0100+0.0247i	0.0173+0.0179i	0.0180-0.0018i	-0.0133+0.0247i	0.6479-0.2411i	-0.2905+0.2457i	-1.0348+0.5976i	-0.5613-0.0614i
65.6	-0.0093+0.0259i	0.0191+0.0174i	0.0189-0.0017i	-0.0119+0.0254i	0.6658-0.2873i	-0.2766+0.2060i	-1.0370+0.5263i	-0.5429-0.0277i
65.7	-0.0085+0.0277i	0.0208+0.0186i	0.0201+0.0016i	-0.0117+0.0262i	0.6859-0.2610i	-0.3180+0.2037i	-1.1221+0.5618i	-0.5771-0.0056i
65.8	-0.0083+0.0288i	0.0213+0.0177i	0.0216+0.0003i	-0.0112+0.0263i	0.6329-0.2467i	-0.3524+0.2210i	-1.1808+0.6084i	-0.5953+0.0185i
65.9	-0.0065+0.0307i	0.0247+0.0164i	0.0207+0.0001i	-0.0102+0.0278i	0.6582-0.2774i	-0.3423+0.2346i	-1.0975+0.6793i	-0.5559+0.0124i
66.0	-0.0051+0.0322i	0.0273+0.0179i	0.0234+0.0004i	-0.0089+0.0294i	0.6227-0.3245i	-0.3168+0.2618i	-1.0906+0.6645i	-0.5907+0.0163i
66.1	-0.0043+0.0341i	0.0290+0.0172i	0.0264+0.0006i	-0.0073+0.0284i	0.6155-0.2789i	-0.3171+0.2865i	-1.1516+0.6592i	-0.6452-0.0195i
66.2	-0.0038+0.0333i	0.0296+0.0151i	0.0254+0.0003i	-0.0082+0.0277i	0.7220-0.3756i	-0.3491+0.3515i	-1.1487+0.7219i	-0.6426-0.0291i
66.3	-0.0020+0.0328i	0.0304+0.0132i	0.0258-0.0001i	-0.0079+0.0276i	0.7257-0.4028i	-0.3406+0.3369i	-1.0871+0.7159i	-0.6112-0.0298i
66.4	-0.0003+0.0329i	0.0323+0.0115i	0.0283-0.0012i	-0.0046+0.0260i	0.7605-0.3639i	-0.3125+0.3107i	-1.1134+0.8031i	-0.5980-0.0262i
66.5	-0.0008+0.0329i	0.0339+0.0113i	0.0282-0.0007i	-0.0052+0.0269i	0.7142-0.4083i	-0.3067+0.3335i	-1.0977+0.8086i	-0.6162-0.0423i
66.6	-0.0006+0.0321i	0.0327+0.0085i	0.0268-0.0004i	-0.0058+0.0265i	0.7006-0.4375i	-0.3503+0.3482i	-1.1458+0.8208i	-0.6308-0.0587i
66.7	-0.0006+0.0322i	0.0332+0.0055i	0.0277-0.0020i	-0.0064+0.0256i	0.7624-0.3581i	-0.3483+0.3398i	-1.2561+0.9085i	-0.6363-0.0449i
66.8	0.0001+0.0313i	0.0356+0.0048i	0.0290-0.0012i	-0.0068+0.0242i	0.7271-0.4179i	-0.3140+0.3646i	-1.3107+0.8132i	-0.6864-0.0383i
66.9	0.0011+0.0330i	0.0380+0.0057i	0.0296-0.0007i	-0.0053+0.0252i	0.7435-0.4369i	-0.3059+0.3908i	-1.3898+0.9098i	-0.7410+0.0082i
67.0	-0.0002+0.0337i	0.0362+0.0047i	0.0292-0.0015i	-0.0068+0.0258i	0.6830-0.4009i	-0.3038+0.4130i	-1.3994+0.8778i	-0.8009-0.0352i
67.1	-0.0006+0.0351i	0.0380+0.0036i	0.0298-0.0022i	-0.0054+0.0247i	0.8212-0.4021i	-0.3089+0.4161i	-1.3585+0.9958i	-0.8127+0.0107i
67.2	0.0007+0.0368i	0.0384-0.0001i	0.0298-0.0042i	-0.0064+0.0226i	0.8942-0.3941i	-0.3255+0.4054i	-1.3943+1.0805i	-0.8115+0.0608i
67.3	0.0007+0.0369i	0.0388+0.0006i	0.0308-0.0037i	-0.0055+0.0236i	0.8179-0.4232i	-0.2909+0.4670i	-1.4293+0.9861i	-0.8742+0.0533i
67.4	-0.0002+0.0365i	0.0384+0.0008i	0.0303-0.0034i	-0.0068+0.0249i	0.6849-0.4187i	-0.2610+0.4955i	-1.4908+0.9940i	-0.9316+0.0282i
67.5	-0.0009+0.0369i	0.0368-0.0020i	0.0295-0.0041i	-0.0089+0.0247i	0.5968-0.4197i	-0.3041+0.5186i	-1.5075+1.0833i	-0.9338+0.0163i
67.6	-0.0019+0.0388i	0.0376-0.0039i	0.0305-0.0033i	-0.0097+0.0243i	0.5981-0.4000i	-0.2920+0.5078i	-1.5956+1.1041i	-0.9729+0.0353i
67.7	-0.0023+0.0419i	0.0367-0.0064i	0.0308-0.0046i	-0.0081+0.0242i	0.6382-0.3709i	-0.2617+0.5016i	-1.6719+1.2197i	-0.9941+0.0699i
67.8	-0.0008+0.0438i	0.0363-0.0086i	0.0297-0.0057i	-0.0071+0.0243i	0.5957-0.3448i	-0.2095+0.5136i	-1.7044+1.3060i	-1.0383+0.1303i
67.9	-0.0014+0.0443i	0.0362-0.0102i	0.0291-0.0054i	-0.0105+0.0256i	0.6997-0.2740i	-0.2042+0.5285i	-1.7460+1.4112i	-1.0517+0.1850i
68.0	-0.0025+0.0465i	0.0340-0.0109i	0.0294-0.0045i	-0.0116+0.0257i	0.6162-0.3161i	-0.1934+0.5448i	-1.7233+1.3476i	-1.0658+0.1710i
68.1	-0.0015+0.0470i	0.0318-0.0101i	0.0287-0.0054i	-0.0131+0.0255i	0.5923-0.3352i	-0.2036+0.5367i	-1.6804+1.3809i	-1.0826+0.1827i
68.2	-0.0013+0.0490i	0.0307-0.0115i	0.0279-0.0057i	-0.0125+0.0267i	0.5686-0.2889i	-0.1690+0.5490i	-1.6967+1.3806i	-1.1430+0.2256i
68.3	0.0008+0.0507i	0.0305-0.0108i	0.0298-0.0034i	-0.0139+0.0287i	0.8307-0.1582i	-0.1684+0.5649i	-1.8607+1.6698i	-1.1591+0.2976i
68.4	0.0047+0.0519i	0.0327-0.0114i	0.0303-0.0025i	-0.0101+0.0279i	0.7815-0.2012i	-0.1406+0.5118i	-1.8793+1.6518i	-1.1694+0.3095i
68.5	0.0053+0.0525i	0.0333-0.0107i	0.0310-0.0014i	-0.0099+0.0277i	0.6559-0.2250i	-0.1263+0.4807i	-1.8195+1.5858i	-1.1993+0.3135i
68.6	0.0061+0.0550i	0.0295-0.0107i	0.0296-0.0022i	-0.0118+0.0293i	0.7110-0.2574i	-0.1697+0.5619i	-1.7298+1.7208i	-1.1550+0.3334i

68.7	0.0072+0.0581i	0.0280-0.0116i	0.0288-0.0008i	-0.0117+0.0308i	0.8033-0.2409i	-0.1866+0.5695i	-1.7966+1.8451i	-1.1898+0.3749i
68.8	0.0071+0.0597i	0.0305-0.0113i	0.0327+0.0004i	-0.0125+0.0298i	0.8584-0.1904i	-0.1704+0.5927i	-2.0213+1.9009i	-1.2670+0.4617i
68.9	0.0073+0.0609i	0.0294-0.0127i	0.0337-0.0008i	-0.0117+0.0294i	0.9207-0.1322i	-0.1684+0.5532i	-2.2424+2.0142i	-1.2789+0.5487i
69.0	0.0091+0.0627i	0.0274-0.0132i	0.0327-0.0018i	-0.0126+0.0330i	0.9974-0.1712i	-0.1657+0.5616i	-2.1664+2.1028i	-1.2637+0.5622i
69.1	0.0136+0.0664i	0.0245-0.0084i	0.0318-0.0008i	-0.0130+0.0348i	0.8480-0.2608i	-0.1300+0.6021i	-1.9828+2.0746i	-1.2580+0.5279i
69.2	0.0154+0.0698i	0.0230-0.0055i	0.0340+0.0029i	-0.0144+0.0371i	1.0529-0.1920i	-0.1846+0.6201i	-2.1603+2.4111i	-1.2962+0.6123i
69.3	0.0166+0.0697i	0.0269-0.0030i	0.0357+0.0051i	-0.0133+0.0386i	1.1211-0.1881i	-0.1887+0.6391i	-2.2906+2.4461i	-1.3229+0.7196i
69.4	0.0213+0.0691i	0.0289+0.0003i	0.0375+0.0053i	-0.0091+0.0388i	0.9616-0.3022i	-0.0933+0.6687i	-2.0869+2.4026i	-1.2902+0.7301i
69.5	0.0261+0.0710i	0.0340+0.0019i	0.0417+0.0051i	-0.0074+0.0420i	0.8906-0.3830i	-0.0285+0.7050i	-2.0600+2.5180i	-1.2942+0.7317i
69.6	0.0267+0.0725i	0.0389+0.0033i	0.0454+0.0062i	-0.0079+0.0425i	1.0885-0.3560i	-0.0361+0.7532i	-2.0760+2.7126i	-1.2846+0.7716i
69.7	0.0288+0.0720i	0.0438+0.0021i	0.0471+0.0061i	-0.0030+0.0432i	1.1955-0.3171i	-0.0342+0.7764i	-2.2122+2.9545i	-1.3065+0.8781i
69.8	0.0329+0.0709i	0.0500-0.0030i	0.0503+0.0045i	-0.0007+0.0419i	1.2208-0.4092i	-0.0351+0.7476i	-2.1904+3.1551i	-1.3442+0.9094i
69.9	0.0361+0.0734i	0.0511-0.0081i	0.0518+0.0019i	-0.0016+0.0402i	1.3149-0.3996i	-0.0228+0.7364i	-2.2027+3.4126i	-1.2970+0.9398i
70.0	0.0370+0.0739i	0.0520-0.0111i	0.0518-0.0003i	-0.0029+0.0396i	1.1949-0.2938i	0.0204+0.7379i	-2.3212+3.4451i	-1.2893+0.9342i
70.1	0.0372+0.0759i	0.0543-0.0136i	0.0538-0.0013i	0.0002+0.0413i	1.1959-0.3134i	0.0639+0.7757i	-2.4674+3.5567i	-1.2922+1.0129i
70.2	0.0398+0.0791i	0.0604-0.0170i	0.0577-0.0009i	0.0031+0.0419i	1.3810-0.3823i	0.0355+0.7974i	-2.4647+3.8713i	-1.3690+1.1040i
70.3	0.0410+0.0804i	0.0602-0.0221i	0.0576-0.0032i	0.0046+0.0415i	1.3803-0.4142i	0.0425+0.7949i	-2.3611+3.9996i	-1.3873+1.1263i
70.4	0.0460+0.0780i	0.0613-0.0277i	0.0584-0.0060i	0.0064+0.0388i	1.4482-0.5180i	0.0968+0.8289i	-2.2261+4.2166i	-1.3750+1.2508i
70.5	0.0532+0.0774i	0.0581-0.0325i	0.0589-0.0060i	0.0071+0.0373i	1.4651-0.6916i	0.1519+0.8360i	-2.0316+4.4798i	-1.2742+1.2795i
70.6	0.0541+0.0793i	0.0568-0.0374i	0.0596-0.0093i	0.0050+0.0373i	1.5289-0.6060i	0.1125+0.8143i	-2.1924+4.8606i	-1.2693+1.3119i
70.7	0.0528+0.0807i	0.0632-0.0395i	0.0639-0.0106i	0.0065+0.0379i	1.4820-0.4732i	0.1150+0.7866i	-2.3697+4.7733i	-1.3642+1.3962i
70.8	0.0577+0.0870i	0.0609-0.0458i	0.0639-0.0096i	0.0062+0.0373i	1.5693-0.5159i	0.1243+0.8905i	-2.4224+5.2518i	-1.3379+1.4346i
70.9	0.0663+0.0863i	0.0596-0.0506i	0.0670-0.0125i	0.0081+0.0357i	1.6607-0.7508i	0.2163+0.9349i	-1.8213+5.5979i	-1.2824+1.4570i
71.0	0.0685+0.0848i	0.0585-0.0581i	0.0678-0.0167i	0.0082+0.0342i	1.6435-0.8201i	0.2605+0.9080i	-1.6319+5.6550i	-1.2535+1.5456i
71.1	0.0711+0.0865i	0.0566-0.0678i	0.0664-0.0197i	0.0103+0.0320i	1.7352-0.9209i	0.2764+0.9312i	-1.5855+6.0629i	-1.2159+1.7006i
71.2	0.0756+0.0893i	0.0560-0.0753i	0.0661-0.0202i	0.0110+0.0306i	1.7576-0.9479i	0.2954+0.9710i	-1.5400+6.3317i	-1.2560+1.7696i
71.3	0.0784+0.0919i	0.0525-0.0820i	0.0668-0.0228i	0.0104+0.0296i	1.8429-0.9281i	0.2524+0.9931i	-1.5920+6.7500i	-1.2473+1.8472i
71.4	0.0831+0.0924i	0.0436-0.0904i	0.0664-0.0249i	0.0084+0.0299i	1.8580-0.9984i	0.2979+0.9839i	-1.5549+6.9303i	-1.1582+1.9638i
71.5	0.0912+0.0966i	0.0313-0.0978i	0.0654-0.0281i	0.0062+0.0295i	1.8330-1.0986i	0.3252+1.0028i	-1.3388+7.2988i	-1.1217+2.0512i
71.6	0.0984+0.0958i	0.0232-0.1020i	0.0658-0.0305i	0.0064+0.0272i	1.8198-1.1638i	0.4082+1.0374i	-0.9514+7.4652i	-1.0713+2.0854i
71.7	0.1083+0.0908i	0.0086-0.1054i	0.0619-0.0339i	0.0068+0.0256i	1.8567-1.3235i	0.4810+1.0346i	-0.5514+7.8280i	-0.9241+2.1264i
71.8	0.1196+0.0929i	-0.0032-0.1103i	0.0597-0.0334i	0.0054+0.0268i	1.9875-1.3822i	0.5044+1.0642i	-0.5410+8.3814i	-0.8981+2.2270i
71.9	0.1300+0.0850i	-0.0173-0.1067i	0.0597-0.0358i	0.0028+0.0270i	1.9277-1.5483i	0.6280+1.0657i	0.1766+8.4365i	-0.7351+2.2840i
72.0	0.1386+0.0752i	-0.0360-0.1011i	0.0558-0.0379i	-0.0010+0.0251i	1.8553-1.6507i	0.7146+1.0201i	0.7130+8.5845i	-0.5830+2.2773i
72.1	0.1408+0.0653i	-0.0437-0.0901i	0.0531-0.0400i	-0.0011+0.0266i	1.6699-1.6824i	0.7664+0.9597i	1.1004+8.1707i	-0.5653+2.2158i
72.2	0.1515+0.0664i	-0.0542-0.0904i	0.0547-0.0392i	-0.0016+0.0276i	1.7745-1.7656i	0.8344+1.0223i	1.2081+8.8205i	-0.5591+2.4442i
72.3	0.1606+0.0622i	-0.0697-0.0866i	0.0525-0.0378i	-0.0028+0.0297i	1.8826-1.8208i	0.8400+0.9976i	1.1194+9.4066i	-0.4598+2.6516i
72.4	0.1644+0.0512i	-0.0744-0.0681i	0.0543-0.0343i	-0.0018+0.0334i	1.7540-1.9939i	0.9233+0.9593i	1.9095+9.3211i	-0.3280+2.5492i
72.5	0.1742+0.0362i	-0.0794-0.0527i	0.0554-0.0344i	-0.0003+0.0365i	1.7641-2.3189i	1.0498+0.9365i	2.9599+9.6321i	-0.0961+2.5780i
72.6	0.1751+0.0293i	-0.0799-0.0428i	0.0524-0.0337i	-0.0014+0.0375i	1.7296-2.2961i	1.0276+0.9065i	3.0621+9.6484i	-0.0762+2.6059i
72.7	0.1755+0.0173i	-0.0824-0.0305i	0.0511-0.0340i	-0.0010+0.0380i	1.5961-2.3285i	1.0853+0.8198i	3.4930+9.7146i	-0.0068+2.5481i
72.8	0.1792+0.0068i	-0.0856-0.0181i	0.0522-0.0334i	0.0017+0.0402i	1.5072-2.5234i	1.2080+0.7673i	4.3257+9.8352i	0.1684+2.5756i
72.9	0.1805+0.0001i	-0.0832-0.0059i	0.0527-0.0335i	0.0029+0.0420i	1.4609-2.5506i	1.2535+0.7239i	4.7038+10.0358i	0.2387+2.5448i
73.0	0.1762-0.0074i	-0.0771+0.0048i	0.0534-0.0314i	0.0044+0.0426i	1.3028-2.5787i	1.2807+0.6585i	5.0113+9.7699i	0.2840+2.4413i
73.1	0.1809-0.0219i	-0.0754+0.0176i	0.0543-0.0309i	0.0058+0.0446i	1.1862-2.8414i	1.3391+0.6123i	6.1321+9.8792i	0.4897+2.5548i
73.2	0.1790-0.0339i	-0.0733+0.0313i	0.0562-0.0304i	0.0067+0.0462i	1.1240-2.9348i	1.3845+0.5724i	6.7445+10.2002i	0.6242+2.5096i
73.3	0.1714-0.0402i	-0.0611+0.0393i	0.0578-0.0330i	0.0093+0.0462i	1.0675-2.9355i	1.3843+0.4864i	7.1275+9.8179i	0.6390+2.4535i
73.4	0.1671-0.0442i	-0.0520+0.0443i	0.0612-0.0320i	0.0109+0.0468i	0.9090-3.0119i	1.3931+0.4069i	7.8261+9.4493i	0.7103+2.3712i
73.5	0.1633-0.0515i	-0.0445+0.0474i	0.0636-0.0328i	0.0145+0.0473i	0.7641-3.0262i	1.4297+0.3487i	8.3863+9.2391i	0.8433+2.4147i
73.6	0.1587-0.0575i	-0.0352+0.0497i	0.0626-0.0349i	0.0156+0.0459i	0.6144-2.9750i	1.4376+0.2655i	8.7769+8.7143i	0.8646+2.3732i
73.7	0.1582-0.0636i	-0.0289+0.0548i	0.0646-0.0356i	0.0193+0.0471i	0.5891-3.1366i	1.4604+0.2089i	9.5718+8.7114i	1.0214+2.3033i
73.8	0.1567-0.0696i	-0.0191+0.0585i	0.0688-0.0360i	0.0229+0.0458i	0.4540-3.1397i	1.4637+0.1170i	10.1983+8.3074i	1.1145+2.1621i
73.9	0.1544-0.0762i	-0.0128+0.0615i	0.0705-0.0337i	0.0258+0.0430i	0.3426-3.2113i	1.4462+0.0578i	10.9014+8.1491i	1.1390+2.1248i
74.0	0.1485-0.0832i	-0.0057+0.0628i	0.0714-0.0380i	0.0270+0.0391i	0.1049-3.0851i	1.4412-0.0170i	11.2206+7.5479i	1.1505+2.0084i
74.1	0.1378-0.0930i	0.0032+0.0622i	0.0703-0.0435i	0.0283+0.0376i	-0.1775-3.1973i	1.4603-0.1405i	12.0659+6.4293i	1.2586+1.7418i
74.2	0.1325-0.0989i	0.0127+0.0659i	0.0713-0.0466i	0.0311+0.0362i	-0.3152-3.2047i	1.4290-0.1575i	12.6830+6.1355i	1.3123+1.6891i
74.3	0.1261-0.1006i	0.0205+0.0642i	0.0715-0.0484i	0.0311+0.0356i	-0.3639-3.0958i	1.3988-0.1934i	12.7974+5.6169i	1.2800+1.6372i
74.4	0.1255-0.1028i	0.0271+0.0667i	0.0747-0.0467i	0.0321+0.0359i	-0.3422-3.0230i	1.3671-0.2173i	13.3070+5.7243i	1.3203+1.6242i
74.5	0.1149-0.1012i	0.0343+0.0579i	0.0745-0.0497i	0.0327+0.0332i	-0.4502-2.9453i	1.3182-0.2811i	13.0374+4.6546i	1.1706+1.5471i
74.6	0.1141-0.1055i	0.0387+0.0577i	0.0739-0.0514i	0.0331+0.0324i	-0.4980-2.9391i	1.3143-0.3242i	13.1614+4.5341i	1.2604+1.5254i
74.7	0.1105-0.1062i	0.0433+0.0527i	0.0743-0.0535i	0.0342+0.0316i	-0.4769-2.7932i	1.2788-0.3528i	13.0483+4.3789i	1.1721+1.5137i
74.8	0.1051-0.1115i	0.0562+0.0481i	0.0775-0.0565i	0.0382+0.0293i	-0.5782-2.9046i	1.2710-0.4022i	14.2343+3.4367i	1.0922+1.3890i
74.9	0.1003-0.1126i	0.0588+0.0423i	0.0790-0.0617i	0.0368+0.0271i	-0.7510-2.8511i	1.2561-0.4801i	14.4065+2.3820i	1.1431+1.3799i

75.0	0.0908-0.1155i	0.0641+0.0394i	0.0755-0.0638i	0.0346+0.0239i	-0.9120-2.7607i	1.2005-0.5308i	14.2577+1.9602i	1.2090+1.3729i
75.1	0.0869-0.1142i	0.0707+0.0345i	0.0772-0.0645i	0.0344+0.0211i	-0.9005-2.6468i	1.1473-0.5215i	14.2701+1.3037i	0.9311+1.3584i
75.2	0.0850-0.1130i	0.0765+0.0326i	0.0789-0.0678i	0.0368+0.0219i	-0.8795-2.6191i	1.1157-0.5143i	14.8497+1.0987i	0.8991+1.3656i
75.3	0.0810-0.1050i	0.0801+0.0251i	0.0773-0.0688i	0.0378+0.0232i	-0.9981-2.5374i	1.0619-0.5010i	15.0086+0.0073i	0.6302+1.3767i
75.4	0.0781-0.1084i	0.0832+0.0196i	0.0786-0.0687i	0.0410+0.0175i	-1.1127-2.4851i	1.0392-0.5342i	15.0510-0.7643i	0.6951+1.3650i
75.5	0.0716-0.1080i	0.0842+0.0102i	0.0745-0.0745i	0.0403+0.0148i	-1.1650-2.4097i	1.0073-0.6113i	14.5279-1.5817i	0.7678+1.3284i
75.6	0.0709-0.1076i	0.0903+0.0027i	0.0742-0.0760i	0.0387+0.0158i	-1.2170-2.3229i	0.9892-0.5563i	14.8433-2.0327i	0.6261+1.3461i
75.7	0.0718-0.1108i	0.0956-0.0003i	0.0759-0.0785i	0.0382+0.0124i	-1.2030-2.3984i	0.9546-0.5304i	15.5318-2.3419i	0.5027+1.3937i
75.8	0.0697-0.1135i	0.0928-0.0054i	0.0776-0.0830i	0.0351+0.0095i	-1.2112-2.3290i	0.9185-0.5976i	14.8473-2.9307i	0.5956+1.4931i
75.9	0.0626-0.1166i	0.0995-0.0096i	0.0762-0.0874i	0.0393+0.0117i	-1.2893-2.2910i	0.8899-0.6182i	15.5432-3.4197i	0.5369+1.4521i
76.0	0.0560-0.1068i	0.1022-0.0170i	0.0713-0.0869i	0.0393+0.0128i	-1.3988-2.1545i	0.8519-0.5742i	15.0672-4.7496i	0.1846+1.5730i
76.1	0.0557-0.1045i	0.1062-0.0197i	0.0747-0.0889i	0.0397+0.0113i	-1.4106-2.1213i	0.8801-0.5391i	15.1688-5.2059i	0.1611+1.8699i
76.2	0.0483-0.1099i	0.0999-0.0351i	0.0696-0.0963i	0.0392+0.0039i	-1.5482-2.1206i	0.8601-0.6111i	14.2796-6.8863i	0.5519+1.9506i
76.3	0.0480-0.1062i	0.0998-0.0417i	0.0676-0.0989i	0.0396+0.0040i	-1.5508-2.0356i	0.8197-0.5829i	14.0815-7.8237i	0.4282+2.1007i
76.4	0.0479-0.1037i	0.1007-0.0485i	0.0666-0.1000i	0.0402+0.0044i	-1.6135-1.9995i	0.8109-0.5490i	13.8280-8.6195i	0.3459+2.2979i
76.5	0.0489-0.1024i	0.1021-0.0540i	0.0682-0.1019i	0.0393+0.0023i	-1.6356-1.9776i	0.8337-0.5807i	13.5014-9.1614i	0.4533+2.4937i
76.6	0.0533-0.1044i	0.1009-0.0634i	0.0686-0.1042i	0.0420-0.0003i	-1.6057-1.8631i	0.8669-0.5456i	13.1340-9.6361i	0.6080+2.8341i
76.7	0.0530-0.1051i	0.1020-0.0652i	0.0673-0.1047i	0.0421-0.0008i	-1.5950-1.8088i	0.8789-0.5365i	13.0182-9.6519i	0.6917+2.8388i
76.8	0.0543-0.1077i	0.1050-0.0745i	0.0686-0.1104i	0.0421-0.0039i	-1.6616-1.8431i	0.9170-0.5214i	13.1080-11.4763i	0.8716+3.1454i
76.9	0.0557-0.1038i	0.0998-0.0832i	0.0664-0.1127i	0.0436-0.0063i	-1.6670-1.7334i	0.9303-0.5508i	12.1647-11.9933i	1.0589+3.2922i
77.0	0.0572-0.1039i	0.0991-0.0894i	0.0666-0.1169i	0.0470-0.0079i	-1.6186-1.6518i	0.9834-0.5675i	11.4685-12.2382i	1.2622+3.3814i
77.1	0.0616-0.1071i	0.0945-0.1019i	0.0639-0.1209i	0.0457-0.0122i	-1.7072-1.6056i	1.0259-0.5779i	10.5476-13.9379i	1.5162+3.7432i
77.2	0.0647-0.1079i	0.0937-0.1058i	0.0639-0.1214i	0.0462-0.0127i	-1.6641-1.6603i	1.0284-0.5531i	10.5372-14.1623i	1.6332+3.7707i
77.3	0.0611-0.1101i	0.0824-0.1103i	0.0593-0.1267i	0.0444-0.0178i	-1.8081-1.5456i	1.0297-0.6352i	8.7557-14.4381i	1.9715+3.5924i
77.4	0.0566-0.1087i	0.0762-0.1147i	0.0551-0.1300i	0.0418-0.0189i	-1.8010-1.3910i	1.0039-0.7381i	7.8271-14.2167i	2.3106+3.2822i
77.5	0.0578-0.1066i	0.0736-0.1178i	0.0545-0.1254i	0.0420-0.0189i	-1.7839-1.3396i	0.9700-0.7028i	6.9781-14.0785i	2.4541+3.1386i
77.6	0.0681-0.1117i	0.0702-0.1261i	0.0540-0.1314i	0.0437-0.0248i	-1.7777-1.3187i	1.0192-0.7312i	6.0463-14.4901i	2.7503+3.2977i
77.7	0.0704-0.1191i	0.0686-0.1310i	0.0529-0.1334i	0.0443-0.0258i	-1.7169-1.2591i	1.0164-0.7725i	5.6332-14.0711i	2.9952+3.1652i
77.8	0.0664-0.1294i	0.0590-0.1418i	0.0476-0.1393i	0.0424-0.0354i	-1.8576-1.2003i	1.0159-0.8347i	4.0551-15.0400i	3.1397+3.0243i
77.9	0.0656-0.1336i	0.0506-0.1446i	0.0428-0.1431i	0.0380-0.0369i	-1.8602-1.1625i	1.0408-0.9017i	3.1473-14.9662i	3.2364+2.7957i
78.0	0.0570-0.1375i	0.0378-0.1475i	0.0377-0.1458i	0.0339-0.0361i	-1.8952-1.1309i	0.9897-0.9312i	2.2622-15.1869i	3.1896+2.5512i
78.1	0.0525-0.1421i	0.0253-0.1513i	0.0314-0.1484i	0.0281-0.0393i	-1.9681-1.0396i	0.9712-0.9736i	1.2218-14.7297i	3.2814+2.4047i
78.2	0.0538-0.1534i	0.0204-0.1560i	0.0282-0.1545i	0.0254-0.0443i	-2.0325-1.0034i	1.0175-1.0299i	0.4204-14.9404i	3.6169+2.4820i
78.3	0.0470-0.1541i	0.0098-0.1537i	0.0243-0.1534i	0.0205-0.0454i	-2.0364-0.9608i	0.9897-1.0676i	-0.5135-14.2647i	3.6578+2.2812i
78.4	0.0462-0.1596i	0.0042-0.1617i	0.0231-0.1596i	0.0200-0.0517i	-2.0651-0.9164i	1.0442-1.1182i	-1.2462-14.4016i	3.8801+2.3760i
78.5	0.0396-0.1711i	-0.0013-0.1693i	0.0166-0.1663i	0.0160-0.0556i	-2.1352-0.9049i	1.0222-1.1477i	-1.7241-15.2029i	4.0818+2.3092i
78.6	0.0359-0.1733i	-0.0087-0.1652i	0.0132-0.1649i	0.0108-0.0526i	-2.0724-0.7953i	0.9834-1.2136i	-2.4178-14.0304i	4.1449+2.1428i
78.7	0.0311-0.1743i	-0.0203-0.1671i	0.0084-0.1651i	0.0075-0.0559i	-2.1236-0.6763i	0.9218-1.2706i	-3.4737-13.6539i	4.2402+2.0673i
78.8	0.0248-0.1870i	-0.0338-0.1758i	0.0028-0.1726i	0.0001-0.0602i	-2.0961-0.4519i	0.9567-1.4445i	-4.8828-12.8591i	4.8025+2.0409i
78.9	0.0285-0.1881i	-0.0491-0.1746i	-0.0044-0.1748i	-0.0022-0.0573i	-1.9620-0.1589i	0.9733-1.4952i	-6.3061-11.3476i	5.1130+2.2444i
79.0	0.0199-0.2096i	-0.0659-0.1650i	-0.0181-0.1801i	-0.0022-0.0638i	-1.7016-0.1555i	0.9505-1.5760i	-5.8271-10.1626i	5.9552+1.9050i
79.1	0.0097-0.2104i	-0.0672-0.1525i	-0.0219-0.1738i	-0.0014-0.0648i	-1.6023-0.3659i	0.8822-1.5450i	-4.7339-9.9599i	5.9061+1.2701i
79.2	0.0026-0.2076i	-0.0664-0.1492i	-0.0245-0.1730i	-0.0029-0.0628i	-1.6379-0.4436i	0.8084-1.5562i	-4.6254-10.3576i	5.5594+0.9129i
79.3	-0.0108-0.2168i	-0.0759-0.1531i	-0.0320-0.1746i	-0.0129-0.0677i	-1.7824-0.3893i	0.8028-1.6396i	-5.6688-10.6173i	5.7063+0.7551i
79.4	-0.0132-0.2096i	-0.0799-0.1439i	-0.0353-0.1701i	-0.0135-0.0633i	-1.8643-0.3220i	0.7577-1.5796i	-6.1683-10.5636i	5.4352+0.7509i
79.5	-0.0273-0.2088i	-0.0920-0.1378i	-0.0450-0.1675i	-0.0194-0.0602i	-1.8463-0.3887i	0.6511-1.6738i	-6.5132-10.1388i	5.5179+0.2337i
79.6	-0.0323-0.2142i	-0.0994-0.1289i	-0.0480-0.1635i	-0.0266-0.0611i	-1.7138-0.2132i	0.6412-1.7727i	-7.0073-8.3133i	5.7041-0.0952i
79.7	-0.0401-0.2208i	-0.1057-0.1222i	-0.0530-0.1650i	-0.0288-0.0602i	-1.6797-0.1342i	0.6154-1.8123i	-7.6489-8.2234i	5.7819-0.1889i
79.8	-0.0509-0.2290i	-0.1101-0.1144i	-0.0607-0.1660i	-0.0337-0.0613i	-1.6372-0.1633i	0.5579-1.9051i	-7.9295-7.8239i	5.9198-0.4827i
79.9	-0.0616-0.2426i	-0.1104-0.1073i	-0.0702-0.1640i	-0.0393-0.0605i	-1.5395-0.2759i	0.4708-2.0149i	-7.2644-6.6925i	5.8662-0.8430i
80.0	-0.0668-0.2329i	-0.1094-0.1008i	-0.0691-0.1624i	-0.0397-0.0590i	-1.4852-0.1860i	0.4059-1.9656i	-7.6266-6.2538i	5.6457-0.9138i

1.1.19 Run 5 – VTC-200 – NF and AF gauges

Vertical shaking on center with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.4147+0.0000i	0.2321+0.0000i	0.4613+0.0000i	0.7286+0.0000i	0.0077+0.0000i	-0.0145+0.0000i	0.0411+0.0000i	0.0198+0.0000i
0.1	0.2503-0.0138i	0.2639+0.0035i	0.3011-0.0147i	0.3285-0.0198i	0.0051+0.0000i	-0.0128+0.0000i	0.0053-0.0016i	-0.0003-0.0027i
0.2	0.2233-0.0035i	0.2669+0.0013i	0.2792-0.0013i	0.2329+0.0064i	0.0050-0.0001i	-0.0118-0.0006i	-0.0013+0.0005i	-0.0045-0.0014i
0.3	0.2321-0.0252i	0.2592+0.0217i	0.2978-0.0376i	0.2170+0.0381i	0.0064-0.0021i	-0.0105-0.0021i	-0.0008-0.0020i	-0.0028-0.0024i
0.4	0.1963-0.0518i	0.2925+0.0495i	0.2208-0.0819i	0.2874+0.0796i	0.0036-0.0043i	-0.0133-0.0041i	-0.0046-0.0044i	-0.0068-0.0049i
0.5	0.1812-0.0182i	0.3067+0.0194i	0.2158+0.0088i	0.2919-0.0086i	0.0020-0.0016i	-0.0146-0.0014i	-0.0061-0.0013i	-0.0080-0.0018i
0.6	0.1851-0.0057i	0.3024+0.0025i	0.2731+0.0137i	0.2374-0.0142i	0.0024-0.0002i	-0.0144-0.0001i	-0.0054-0.0002i	-0.0073-0.0000i
0.7	0.1945-0.0049i	0.2927-0.0007i	0.2809-0.0085i	0.2301+0.0098i	0.0032-0.0000i	-0.0135+0.0001i	-0.0044-0.0000i	-0.0067+0.0000i
0.8	0.1980-0.0108i	0.2888+0.0087i	0.2644-0.0592i	0.2462+0.0592i	0.0034-0.0006i	-0.0131-0.0005i	-0.0039-0.0008i	-0.0063-0.0005i
0.9	0.1946-0.0177i	0.2951+0.0180i	0.1693-0.0633i	0.3410+0.0656i	0.0032-0.0015i	-0.0139-0.0012i	-0.0044-0.0018i	-0.0071-0.0015i
1.0	0.1821-0.0220i	0.3065+0.0224i	0.1958-0.0065i	0.3138+0.0094i	0.0022-0.0020i	-0.0147-0.0013i	-0.0055-0.0025i	-0.0082-0.0023i
1.1	0.1719-0.0089i	0.3149+0.0078i	0.2206-0.0031i	0.2900+0.0050i	0.0013-0.0008i	-0.0156-0.0001i	-0.0066-0.0009i	-0.0092-0.0010i
1.2	0.1767-0.0009i	0.3098-0.0013i	0.2289-0.0022i	0.2829+0.0021i	0.0016-0.0001i	-0.0154+0.0007i	-0.0065-0.0000i	-0.0091+0.0000i
1.3	0.1760+0.0013i	0.3101-0.0017i	0.2322-0.0008i	0.2811+0.0003i	0.0015+0.0002i	-0.0154+0.0008i	-0.0064+0.0001i	-0.0092+0.0005i
1.4	0.1749+0.0025i	0.3124-0.0030i	0.2334-0.0007i	0.2805-0.0007i	0.0016+0.0002i	-0.0154+0.0009i	-0.0064+0.0003i	-0.0095-0.0000i
1.5	0.1709+0.0039i	0.3161-0.0059i	0.2339-0.0003i	0.2786-0.0007i	0.0011+0.0004i	-0.0159+0.0014i	-0.0070+0.0005i	-0.0100+0.0001i
1.6	0.1670+0.0069i	0.3205-0.0092i	0.2344+0.0009i	0.2792-0.0008i	0.0006+0.0008i	-0.0164+0.0016i	-0.0076+0.0009i	-0.0104+0.0007i
1.7	0.1603+0.0161i	0.3280-0.0172i	0.2356+0.0004i	0.2825-0.0021i	-0.0002+0.0014i	-0.0170+0.0025i	-0.0084+0.0018i	-0.0118+0.0022i
1.8	0.1496+0.0356i	0.3380-0.0372i	0.2332+0.0029i	0.2828-0.0043i	-0.0012+0.0038i	-0.0180+0.0049i	-0.0096+0.0046i	-0.0134+0.0051i
1.9	0.1647+0.0671i	0.3261-0.0694i	0.2334+0.0055i	0.2823-0.0069i	0.0003+0.0075i	-0.0166+0.0084i	-0.0079+0.0093i	-0.0113+0.0093i
2.0	0.2042+0.0820i	0.2870-0.0825i	0.2350+0.0089i	0.2795-0.0111i	0.0047+0.0096i	-0.0121+0.0105i	-0.0023+0.0119i	-0.0056+0.0129i
2.1	0.2257+0.0754i	0.2630-0.0760i	0.2421+0.0161i	0.2725-0.0187i	0.0080+0.0095i	-0.0086+0.0100i	0.0018+0.0116i	-0.0006+0.0132i
2.2	0.2609+0.0665i	0.2312-0.0666i	0.2551+0.0098i	0.2603-0.0117i	0.0155+0.0099i	-0.0009+0.0105i	0.0117+0.0133i	0.0107+0.0143i
2.3	0.2766+0.0329i	0.2188-0.0338i	0.2553+0.0020i	0.2606-0.0024i	0.0234+0.0024i	0.0069+0.0035i	0.0238+0.0030i	0.0230+0.0029i
2.4	0.2443+0.0055i	0.2489-0.0111i	0.2509-0.0003i	0.2651-0.0006i	0.0098-0.0107i	-0.0065-0.0094i	0.0040-0.0165i	0.0019-0.0178i
2.5	0.2331+0.0097i	0.2585-0.0113i	0.2488+0.0002i	0.2667-0.0020i	0.0012-0.0047i	-0.0151-0.0036i	-0.0089-0.0072i	-0.0122-0.0079i
2.6	0.2333+0.0085i	0.2592-0.0094i	0.2493+0.0005i	0.2702-0.0016i	0.0036-0.0010i	-0.0128+0.0000i	-0.0056-0.0013i	-0.0083-0.0014i
2.7	0.2303+0.0063i	0.2617-0.0073i	0.2491-0.0007i	0.2700-0.0005i	0.0040-0.0004i	-0.0125+0.0004i	-0.0043-0.0007i	-0.0072-0.0004i
2.8	0.2259+0.0095i	0.2688-0.0087i	0.2500-0.0008i	0.2717-0.0018i	0.0042-0.0002i	-0.0123+0.0008i	-0.0035-0.0002i	-0.0073-0.0004i
2.9	0.2334+0.0097i	0.2634-0.0108i	0.2505+0.0005i	0.2734-0.0009i	0.0049-0.0003i	-0.0116+0.0010i	-0.0027+0.0003i	-0.0067+0.0001i
3.0	0.2340-0.0004i	0.2647-0.0019i	0.2500-0.0016i	0.2738+0.0012i	0.0053-0.0005i	-0.0112+0.0002i	-0.0023-0.0001i	-0.0057-0.0003i
3.1	0.2262-0.0002i	0.2710-0.0014i	0.2481-0.0013i	0.2741+0.0001i	0.0052-0.0005i	-0.0111+0.0004i	-0.0028-0.0006i	-0.0050-0.0012i
3.2	0.2193+0.0027i	0.2790-0.0038i	0.2466-0.0019i	0.2751+0.0012i	0.0044-0.0006i	-0.0121+0.0004i	-0.0035-0.0010i	-0.0060-0.0011i
3.3	0.2344+0.0165i	0.2650-0.0188i	0.2476-0.0013i	0.2732+0.0015i	0.0051+0.0008i	-0.0109+0.0019i	-0.0026+0.0008i	-0.0059+0.0010i
3.4	0.2478+0.0146i	0.2505-0.0162i	0.2489-0.0011i	0.2778+0.0001i	0.0064+0.0008i	-0.0092+0.0014i	-0.0011+0.0012i	-0.0046+0.0013i
3.5	0.2515-0.0029i	0.2511+0.0011i	0.2488-0.0054i	0.2803+0.0003i	0.0070-0.0003i	-0.0093+0.0001i	-0.0007+0.0003i	-0.0038-0.0017i
3.6	0.2431-0.0207i	0.2553+0.0170i	0.2486-0.0037i	0.2806-0.0021i	0.0067-0.0015i	-0.0109+0.0002i	-0.0016+0.0000i	-0.0051-0.0018i
3.7	0.2115-0.0121i	0.2929+0.0150i	0.2556+0.0011i	0.2768+0.0011i	0.0038-0.0014i	-0.0127-0.0009i	-0.0040-0.0018i	-0.0070-0.0004i
3.8	0.2128-0.0085i	0.2906+0.0065i	0.2544-0.0003i	0.2794+0.0005i	0.0038-0.0013i	-0.0125-0.0002i	-0.0041-0.0012i	-0.0062-0.0007i
3.9	0.2171-0.0047i	0.2892+0.0027i	0.2535+0.0001i	0.2793-0.0006i	0.0040-0.0009i	-0.0124+0.0002i	-0.0038-0.0007i	-0.0063-0.0004i
4.0	0.2217-0.0030i	0.2859+0.0019i	0.2549-0.0003i	0.2789-0.0012i	0.0043-0.0007i	-0.0119+0.0005i	-0.0033-0.0004i	-0.0057-0.0003i
4.1	0.2231-0.0035i	0.2849+0.0022i	0.2561-0.0014i	0.2796-0.0003i	0.0045-0.0007i	-0.0117+0.0005i	-0.0031-0.0004i	-0.0054-0.0003i
4.2	0.2227-0.0029i	0.2872+0.0008i	0.2566-0.0022i	0.2816-0.0004i	0.0045-0.0006i	-0.0120+0.0006i	-0.0031-0.0002i	-0.0052-0.0001i
4.3	0.2237-0.0010i	0.2872-0.0011i	0.2567-0.0026i	0.2835-0.0015i	0.0045-0.0004i	-0.0118+0.0007i	-0.0029-0.0000i	-0.0047+0.0002i
4.4	0.2297+0.0008i	0.2833-0.0048i	0.2579-0.0019i	0.2851-0.0016i	0.0051-0.0003i	-0.0112+0.0009i	-0.0024+0.0003i	-0.0044+0.0006i
4.5	0.2339-0.0009i	0.2814-0.0035i	0.2593-0.0027i	0.2853-0.0006i	0.0055-0.0003i	-0.0108+0.0010i	-0.0017+0.0004i	-0.0040+0.0002i
4.6	0.2340-0.0028i	0.2809-0.0029i	0.2590-0.0030i	0.2865-0.0029i	0.0056-0.0004i	-0.0108+0.0008i	-0.0014+0.0003i	-0.0040+0.0003i
4.7	0.2392-0.0051i	0.2785-0.0035i	0.2609-0.0032i	0.2882-0.0037i	0.0060-0.0005i	-0.0101+0.0005i	-0.0010+0.0004i	-0.0034+0.0004i
4.8	0.2424-0.0042i	0.2738-0.0022i	0.2588-0.0013i	0.2885-0.0050i	0.0065-0.0008i	-0.0094+0.0007i	-0.0005-0.0003i	-0.0029-0.0004i
4.9	0.2482-0.0099i	0.2693+0.0059i	0.2597+0.0015i	0.2821-0.0063i	0.0069-0.0018i	-0.0090-0.0003i	0.0001-0.0019i	-0.0040-0.0018i
5.0	0.2398-0.0116i	0.2874+0.0150i	0.2643-0.0002i	0.2885+0.0040i	0.0052-0.0014i	-0.0109-0.0003i	-0.0017-0.0016i	-0.0056-0.0008i
5.1	0.2386-0.0084i	0.2901+0.0104i	0.2645+0.0001i	0.2941+0.0020i	0.0053-0.0011i	-0.0110-0.0000i	-0.0018-0.0010i	-0.0046-0.0003i
5.2	0.2442-0.0041i	0.2882+0.0033i	0.2667+0.0028i	0.2965-0.0044i	0.0056-0.0003i	-0.0106+0.0010i	-0.0017+0.0002i	-0.0039+0.0012i
5.3	0.2596-0.0012i	0.2754-0.0023i	0.2711+0.0017i	0.2940-0.0081i	0.0075+0.0009i	-0.0088+0.0026i	0.0010+0.0024i	-0.0022+0.0019i
5.4	0.2783-0.0082i	0.2552+0.0087i	0.2743+0.0035i	0.2882-0.0077i	0.0107-0.0005i	-0.0054+0.0019i	0.0058+0.0019i	0.0019-0.0004i
5.5	0.2901-0.0450i	0.2549+0.0443i	0.2794-0.0006i	0.2890-0.0032i	0.0129-0.0048i	-0.0035-0.0023i	0.0092-0.0046i	0.0056-0.0045i
5.6	0.2561-0.0542i	0.3014+0.0533i	0.2807-0.0115i	0.3074+0.0172i	0.0094-0.0070i	-0.0069-0.0048i	0.0047-0.0088i	0.0035-0.0073i

5.7	0.2463-0.0382i	0.3170+0.0364i	0.2801-0.0112i	0.3190+0.0155i	0.0080-0.0057i	-0.0086-0.0040i	0.0025-0.0069i	0.0016-0.0062i
5.8	0.2556-0.0334i	0.3170+0.0272i	0.2826-0.0119i	0.3261+0.0081i	0.0085-0.0057i	-0.0083-0.0042i	0.0026-0.0071i	0.0015-0.0071i
5.9	0.2617-0.0313i	0.3158+0.0229i	0.2830-0.0103i	0.3291+0.0037i	0.0084-0.0056i	-0.0082-0.0043i	0.0026-0.0073i	0.0008-0.0072i
6.0	0.2722-0.0288i	0.3129+0.0184i	0.2866-0.0071i	0.3348-0.0006i	0.0090-0.0052i	-0.0079-0.0038i	0.0032-0.0067i	0.0012-0.0061i
6.1	0.2855-0.0307i	0.3098+0.0170i	0.2954-0.0052i	0.3388-0.0065i	0.0102-0.0057i	-0.0067-0.0042i	0.0048-0.0074i	0.0031-0.0072i
6.2	0.2955-0.0322i	0.3094+0.0172i	0.3021-0.0052i	0.3426-0.0083i	0.0109-0.0062i	-0.0059-0.0046i	0.0057-0.0080i	0.0041-0.0080i
6.3	0.3115-0.0373i	0.3077+0.0178i	0.3122-0.0085i	0.3490-0.0103i	0.0120-0.0071i	-0.0048-0.0054i	0.0070-0.0091i	0.0056-0.0093i
6.4	0.3289-0.0431i	0.3057+0.0188i	0.3212-0.0116i	0.3572-0.0132i	0.0135-0.0078i	-0.0035-0.0060i	0.0090-0.0101i	0.0076-0.0103i
6.5	0.3494-0.0535i	0.3035+0.0199i	0.3314-0.0157i	0.3680-0.0181i	0.0152-0.0091i	-0.0019-0.0071i	0.0113-0.0117i	0.0101-0.0119i
6.6	0.3778-0.0681i	0.2979+0.0226i	0.3450-0.0232i	0.3790-0.0245i	0.0180-0.0109i	0.0006-0.0087i	0.0149-0.0139i	0.0144-0.0144i
6.7	0.4172-0.0908i	0.2911+0.0290i	0.3637-0.0336i	0.3964-0.0316i	0.0217-0.0138i	0.0041-0.0114i	0.0199-0.0180i	0.0192-0.0190i
6.8	0.4721-0.1412i	0.2825+0.0434i	0.3907-0.0549i	0.4233-0.0514i	0.0265-0.0198i	0.0088-0.0170i	0.0264-0.0262i	0.0258-0.0281i
6.9	0.5562-0.2263i	0.2680+0.0652i	0.4309-0.0898i	0.4637-0.0870i	0.0339-0.0297i	0.0161-0.0260i	0.0364-0.0394i	0.0359-0.0421i
7.0	0.5884-0.4130i	0.2680+0.1098i	0.4518-0.1707i	0.4821-0.1646i	0.0349-0.0503i	0.0174-0.0451i	0.0376-0.0669i	0.0366-0.0707i
7.1	0.4833-0.7052i	0.3093+0.1750i	0.4175-0.3015i	0.4452-0.2869i	0.0186-0.0802i	0.0025-0.0735i	0.0156-0.1068i	0.0131-0.1126i
7.2	0.0418-0.8204i	0.4191+0.1815i	0.2237-0.3707i	0.2656-0.3421i	-0.0301-0.0850i	-0.0431-0.0789i	-0.0495-0.1129i	-0.0548-0.1190i
7.3	-0.2190-0.6956i	0.4752+0.1519i	0.0968-0.3155i	0.1615-0.2919i	-0.0553-0.0696i	-0.0669-0.0650i	-0.0828-0.0926i	-0.0900-0.0974i
7.4	-0.3774-0.4541i	0.5219+0.0933i	0.0357-0.2007i	0.0986-0.2008i	-0.0711-0.0428i	-0.0826-0.0400i	-0.1046-0.0572i	-0.1128-0.0592i
7.5	-0.3640-0.2656i	0.5209+0.0427i	0.0473-0.1217i	0.1012-0.1265i	-0.0686-0.0219i	-0.0806-0.0203i	-0.1015-0.0288i	-0.1089-0.0293i
7.6	-0.2301-0.1231i	0.4846+0.0066i	0.1049-0.0662i	0.1537-0.0651i	-0.0521-0.0072i	-0.0654-0.0061i	-0.0794-0.0088i	-0.0853-0.0083i
7.7	-0.1841-0.0851i	0.4756-0.0008i	0.1267-0.0492i	0.1742-0.0481i	-0.0469-0.0036i	-0.0607-0.0025i	-0.0723-0.0039i	-0.0782-0.0033i
7.8	-0.1482-0.0853i	0.4772+0.0011i	0.1475-0.0472i	0.1945-0.0471i	-0.0439-0.0040i	-0.0579-0.0026i	-0.0683-0.0042i	-0.0740-0.0039i
7.9	-0.1464-0.0778i	0.4900-0.0020i	0.1561-0.0441i	0.2045-0.0432i	-0.0444-0.0030i	-0.0586-0.0016i	-0.0692-0.0028i	-0.0748-0.0025i
8.0	-0.1434-0.0482i	0.5006-0.0165i	0.1631-0.0378i	0.2117-0.0343i	-0.0447+0.0008i	-0.0590+0.0020i	-0.0696+0.0024i	-0.0753+0.0029i
8.1	-0.1344-0.0290i	0.5091-0.0265i	0.1718-0.0318i	0.2219-0.0289i	-0.0442+0.0034i	-0.0587+0.0046i	-0.0690+0.0061i	-0.0745+0.0066i
8.2	-0.1348-0.0102i	0.5201-0.0386i	0.1781-0.0286i	0.2292-0.0261i	-0.0447+0.0061i	-0.0591+0.0075i	-0.0695+0.0100i	-0.0749+0.0109i
8.3	-0.1278+0.0109i	0.5265-0.0529i	0.1852-0.0271i	0.2369-0.0224i	-0.0439+0.0088i	-0.0584+0.0100i	-0.0682+0.0137i	-0.0735+0.0146i
8.4	-0.1223+0.0309i	0.5388-0.0683i	0.1936-0.0253i	0.2488-0.0200i	-0.0440+0.0116i	-0.0586+0.0127i	-0.0684+0.0173i	-0.0739+0.0187i
8.5	-0.1203+0.0430i	0.5476-0.0813i	0.1980-0.0247i	0.2573-0.0212i	-0.0444+0.0138i	-0.0589+0.0149i	-0.0689+0.0203i	-0.0745+0.0220i
8.6	-0.1237+0.0631i	0.5663-0.1019i	0.2066-0.0259i	0.2678-0.0214i	-0.0457+0.0170i	-0.0604+0.0183i	-0.0707+0.0248i	-0.0762+0.0266i
8.7	-0.1334+0.0834i	0.5912-0.1261i	0.2155-0.0286i	0.2760-0.0234i	-0.0484+0.0206i	-0.0630+0.0219i	-0.0743+0.0296i	-0.0797+0.0317i
8.8	-0.1370+0.1248i	0.6056-0.1807i	0.2228-0.0359i	0.2846-0.0345i	-0.0489+0.0287i	-0.0635+0.0302i	-0.0749+0.0410i	-0.0806+0.0433i
8.9	-0.1456+0.1662i	0.6274-0.2322i	0.2299-0.0435i	0.2911-0.0422i	-0.0508+0.0366i	-0.0654+0.0379i	-0.0772+0.0517i	-0.0829+0.0546i
9.0	-0.1447+0.2280i	0.6357-0.3158i	0.2365-0.0574i	0.2961-0.0547i	-0.0508+0.0485i	-0.0654+0.0497i	-0.0771+0.0681i	-0.0822+0.0722i
9.1	-0.1131+0.2638i	0.6066-0.3672i	0.2338-0.0664i	0.3002-0.0647i	-0.0459+0.0549i	-0.0604+0.0563i	-0.0704+0.0768i	-0.0748+0.0811i
9.2	-0.1207+0.3477i	0.6247-0.4849i	0.2393-0.0865i	0.3076-0.0887i	-0.0475+0.0713i	-0.0617+0.0729i	-0.0726+0.0995i	-0.0767+0.1046i
9.3	-0.0114+0.4884i	0.4783-0.6822i	0.2173-0.1215i	0.2830-0.1252i	-0.0250+0.0984i	-0.0390+0.0994i	-0.0416+0.1365i	-0.0440+0.1428i
9.4	0.2127+0.4815i	0.1729-0.6767i	0.1641-0.1218i	0.2301-0.1264i	0.0190+0.0959i	0.0049+0.0961i	0.0191+0.1324i	0.0192+0.1380i
9.5	0.3410+0.3699i	-0.0018-0.5207i	0.1335-0.0961i	0.1986-0.1000i	0.0435+0.0731i	0.0291+0.0732i	0.0526+0.1007i	0.0540+0.1049i
9.6	0.3548+0.2627i	-0.0186-0.3724i	0.1303-0.0702i	0.1961-0.0741i	0.0453+0.0517i	0.0306+0.0517i	0.0549+0.0711i	0.0561+0.0739i
9.7	0.3290+0.1647i	0.0220-0.2391i	0.1391-0.0477i	0.2041-0.0486i	0.0392+0.0325i	0.0242+0.0328i	0.0464+0.0450i	0.0466+0.0466i
9.8	0.3113+0.1143i	0.0486-0.1698i	0.1414-0.0373i	0.2132-0.0349i	0.0352+0.0225i	0.0199+0.0229i	0.0408+0.0315i	0.0410+0.0323i
9.9	0.2888+0.0843i	0.0834-0.1294i	0.1474-0.0307i	0.2212-0.0256i	0.0303+0.0167i	0.0148+0.0172i	0.0339+0.0234i	0.0337+0.0241i
10.0	0.2685+0.0684i	0.1140-0.1079i	0.1530-0.0272i	0.2286-0.0213i	0.0261+0.0137i	0.0106+0.0143i	0.0283+0.0193i	0.0277+0.0200i
10.1	0.2465+0.0549i	0.1466-0.0911i	0.1568-0.0240i	0.2391-0.0187i	0.0217+0.0112i	0.0062+0.0120i	0.0222+0.0161i	0.0214+0.0167i
10.2	0.2320+0.0469i	0.1712-0.0816i	0.1595-0.0237i	0.2481-0.0176i	0.0182+0.0099i	0.0029+0.0108i	0.0175+0.0142i	0.0166+0.0145i
10.3	0.2202+0.0440i	0.1883-0.0778i	0.1615-0.0257i	0.2538-0.0172i	0.0160+0.0095i	0.0008+0.0104i	0.0143+0.0135i	0.0131+0.0138i
10.4	0.2137+0.0426i	0.1978-0.0799i	0.1586-0.0268i	0.2583-0.0183i	0.0148+0.0096i	-0.0006+0.0106i	0.0124+0.0135i	0.0114+0.0137i
10.5	0.2097+0.0393i	0.2009-0.0782i	0.1547-0.0250i	0.2608-0.0213i	0.0141+0.0091i	-0.0013+0.0102i	0.0114+0.0131i	0.0105+0.0132i
10.6	0.2058+0.0354i	0.2031-0.0714i	0.1518-0.0196i	0.2620-0.0225i	0.0135+0.0083i	-0.0019+0.0093i	0.0107+0.0121i	0.0097+0.0121i
10.7	0.2002+0.0305i	0.2087-0.0610i	0.1523-0.0146i	0.2633-0.0220i	0.0126+0.0070i	-0.0028+0.0079i	0.0097+0.0105i	0.0082+0.0098i
10.8	0.1908+0.0242i	0.2205-0.0494i	0.1549-0.0109i	0.2658-0.0183i	0.0112+0.0057i	-0.0041+0.0065i	0.0079+0.0085i	0.0065+0.0078i
10.9	0.1845+0.0212i	0.2320-0.0432i	0.1561-0.0076i	0.2699-0.0169i	0.0101+0.0049i	-0.0054+0.0058i	0.0062+0.0075i	0.0048+0.0063i
11.0	0.1788+0.0205i	0.2422-0.0397i	0.1553-0.0053i	0.2763-0.0164i	0.0088+0.0043i	-0.0066+0.0053i	0.0045+0.0070i	0.0026+0.0059i
11.1	0.1724+0.0185i	0.2540-0.0387i	0.1564-0.0024i	0.2820-0.0160i	0.0075+0.0040i	-0.0079+0.0049i	0.0026+0.0067i	0.0007+0.0054i
11.2	0.1663+0.0177i	0.2643-0.0352i	0.1573-0.0010i	0.2864-0.0182i	0.0063+0.0037i	-0.0092+0.0048i	0.0012+0.0063i	-0.0013+0.0056i
11.3	0.1613+0.0167i	0.2731-0.0330i	0.1571-0.0009i	0.2883-0.0180i	0.0052+0.0036i	-0.0102+0.0046i	-0.0000+0.0060i	-0.0027+0.0053i
11.4	0.1545+0.0164i	0.2823-0.0313i	0.1583-0.0012i	0.2914-0.0171i	0.0042+0.0034i	-0.0114+0.0042i	-0.0014+0.0056i	-0.0039+0.0050i
11.5	0.1482+0.0169i	0.2907-0.0310i	0.1559-0.0008i	0.2971-0.0175i	0.0032+0.0032i	-0.0124+0.0040i	-0.0027+0.0054i	-0.0052+0.0046i
11.6	0.1417+0.0173i	0.2997-0.0337i	0.1563+0.0025i	0.3020-0.0189i	0.0020+0.0035i	-0.0137+0.0044i	-0.0042+0.0057i	-0.0070+0.0048i
11.7	0.1338+0.0169i	0.3121-0.0329i	0.1539+0.0030i	0.3071-0.0186i	0.0006+0.0034i	-0.0150+0.0043i	-0.0058+0.0056i	-0.0090+0.0047i
11.8	0.1278+0.0170i	0.3224-0.0310i	0.1527+0.0014i	0.3123-0.0187i	-0.0006+0.0033i	-0.0160+0.0043i	-0.0073+0.0053i	-0.0107+0.0045i
11.9	0.1183+0.0187i	0.3379-0.0331i	0.1484+0.0003i	0.3216-0.0175i	-0.0021+0.0035i	-0.0175+0.0045i	-0.0092+0.0055i	-0.0128+0.0051i

12.0	0.1114+0.0202i	0.3463-0.0363i	0.1437+0.0029i	0.3290-0.0208i	-0.0030+0.0038i	-0.0185+0.0047i	-0.0105+0.0058i	-0.0138+0.0055i
12.1	0.1020+0.0242i	0.3599-0.0413i	0.1362+0.0015i	0.3409-0.0212i	-0.0042+0.0042i	-0.0199+0.0054i	-0.0124+0.0065i	-0.0157+0.0063i
12.2	0.0945+0.0286i	0.3694-0.0494i	0.1302+0.0036i	0.3498-0.0271i	-0.0054+0.0051i	-0.0208+0.0061i	-0.0139+0.0077i	-0.0175+0.0075i
12.3	0.0866+0.0337i	0.3807-0.0561i	0.1207+0.0026i	0.3618-0.0317i	-0.0068+0.0058i	-0.0221+0.0066i	-0.0155+0.0087i	-0.0189+0.0087i
12.4	0.0766+0.0377i	0.3909-0.0643i	0.1122+0.0044i	0.3722-0.0356i	-0.0078+0.0067i	-0.0232+0.0076i	-0.0169+0.0100i	-0.0201+0.0097i
12.5	0.0676+0.0442i	0.3986-0.0755i	0.0934+0.0109i	0.3875-0.0444i	-0.0086+0.0078i	-0.0239+0.0089i	-0.0180+0.0116i	-0.0208+0.0117i
12.6	0.0622+0.0509i	0.4035-0.0831i	0.0759+0.0213i	0.4030-0.0560i	-0.0091+0.0087i	-0.0245+0.0099i	-0.0189+0.0129i	-0.0210+0.0126i
12.7	0.0548+0.0523i	0.4111-0.0863i	0.0511+0.0336i	0.4268-0.0674i	-0.0100+0.0089i	-0.0251+0.0101i	-0.0199+0.0134i	-0.0216+0.0119i
12.8	0.0438+0.0535i	0.4212-0.0901i	0.0313+0.0578i	0.4456-0.0893i	-0.0112+0.0092i	-0.0263+0.0104i	-0.0214+0.0140i	-0.0232+0.0119i
12.9	0.0312+0.0562i	0.4351-0.0927i	0.0078+0.0856i	0.4670-0.1148i	-0.0127+0.0093i	-0.0278+0.0104i	-0.0230+0.0151i	-0.0250+0.0111i
13.0	0.0127+0.0617i	0.4542-0.0978i	-0.0062+0.1307i	0.4832-0.1564i	-0.0146+0.0099i	-0.0299+0.0106i	-0.0251+0.0167i	-0.0280+0.0106i
13.1	-0.0058+0.0725i	0.4738-0.1066i	-0.0016+0.1775i	0.4833-0.2011i	-0.0168+0.0109i	-0.0324+0.0114i	-0.0266+0.0185i	-0.0325+0.0114i
13.2	-0.0330+0.0851i	0.5025-0.1184i	-0.0041+0.2271i	0.4890-0.2482i	-0.0200+0.0124i	-0.0354+0.0128i	-0.0289+0.0204i	-0.0382+0.0133i
13.3	-0.0637+0.1019i	0.5349-0.1386i	-0.0058+0.2740i	0.4920-0.2961i	-0.0236+0.0147i	-0.0392+0.0149i	-0.0320+0.0228i	-0.0438+0.0170i
13.4	-0.0952+0.1307i	0.5676-0.1687i	-0.0109+0.3476i	0.5002-0.3714i	-0.0272+0.0181i	-0.0428+0.0182i	-0.0350+0.0262i	-0.0504+0.0220i
13.5	-0.1295+0.1754i	0.6006-0.2171i	0.0270+0.4938i	0.4671-0.5152i	-0.0307+0.0237i	-0.0465+0.0237i	-0.0377+0.0308i	-0.0560+0.0309i
13.6	-0.1538+0.2372i	0.6228-0.2807i	0.1517+0.6502i	0.3483-0.6728i	-0.0327+0.0310i	-0.0490+0.0308i	-0.0398+0.0373i	-0.0585+0.0430i
13.7	-0.1476+0.2999i	0.6134-0.3456i	0.4063+0.7006i	0.1000-0.7264i	-0.0313+0.0381i	-0.0482+0.0380i	-0.0396+0.0436i	-0.0549+0.0542i
13.8	-0.1374+0.3403i	0.5998-0.3822i	0.6654+0.6112i	-0.1546-0.6423i	-0.0298+0.0420i	-0.0469+0.0425i	-0.0394+0.0474i	-0.0504+0.0604i
13.9	-0.1661+0.3790i	0.6261-0.4187i	0.8088+0.4139i	-0.2953-0.4532i	-0.0324+0.0457i	-0.0495+0.0468i	-0.0445+0.0519i	-0.0512+0.0650i
14.0	-0.2243+0.4492i	0.6858-0.4879i	0.8443+0.2022i	-0.3316-0.2476i	-0.0386+0.0531i	-0.0558+0.0548i	-0.0532+0.0612i	-0.0578+0.0736i
14.1	-0.2631+0.5656i	0.7244-0.6004i	0.8028+0.0610i	-0.2946-0.1084i	-0.0423+0.0656i	-0.0596+0.0676i	-0.0583+0.0771i	-0.0621+0.0888i
14.2	-0.2775+0.7896i	0.7386-0.8218i	0.7398-0.0613i	-0.2350+0.0115i	-0.0433+0.0894i	-0.0601+0.0919i	-0.0596+0.1066i	-0.0627+0.1178i
14.3	-0.1498+1.1444i	0.6098-1.1708i	0.6453-0.1784i	-0.1516+0.1249i	-0.0288+0.1267i	-0.0450+0.1296i	-0.0418+0.1526i	-0.0435+0.1636i
14.4	0.2915+1.4323i	0.1702-1.4523i	0.5185-0.2503i	-0.0326+0.1991i	0.0191+0.1563i	0.0038+0.1589i	0.0167+0.1878i	0.0171+0.1991i
14.5	0.8099+1.2941i	-0.3403-1.3119i	0.4063-0.2286i	0.0797+0.1847i	0.0740+0.1400i	0.0591+0.1422i	0.0829+0.1673i	0.0856+0.1773i
14.6	1.1308+0.8580i	-0.6538-0.8787i	0.3390-0.1633i	0.1514+0.1289i	0.1070+0.0923i	0.0920+0.0938i	0.1217+0.1100i	0.1251+0.1172i
14.7	1.1383+0.4867i	-0.6550-0.5098i	0.3209-0.1175i	0.1772+0.0852i	0.1067+0.0526i	0.0913+0.0541i	0.1210+0.0626i	0.1239+0.0678i
14.8	1.0428+0.2786i	-0.5546-0.3054i	0.3200-0.0985i	0.1819+0.0636i	0.0956+0.0309i	0.0803+0.0322i	0.1078+0.0365i	0.1095+0.0404i
14.9	0.9032+0.1314i	-0.4160-0.1629i	0.3103-0.0971i	0.1919+0.0588i	0.0804+0.0162i	0.0650+0.0172i	0.0892+0.0189i	0.0903+0.0219i
15.0	0.8027+0.0767i	-0.3166-0.1103i	0.2946-0.0970i	0.2060+0.0560i	0.0696+0.0106i	0.0542+0.0115i	0.0760+0.0121i	0.0768+0.0155i
15.1	0.7344+0.0396i	-0.2515-0.0729i	0.2758-0.0864i	0.2223+0.0457i	0.0625+0.0067i	0.0470+0.0074i	0.0671+0.0075i	0.0685+0.0100i
15.2	0.6613+0.0247i	-0.1820-0.0574i	0.2589-0.0700i	0.2363+0.0331i	0.0551+0.0048i	0.0393+0.0059i	0.0583+0.0059i	0.0591+0.0079i
15.3	0.6194+0.0233i	-0.1384-0.0525i	0.2613-0.0416i	0.2362+0.0126i	0.0506+0.0041i	0.0348+0.0055i	0.0533+0.0054i	0.0532+0.0079i
15.4	0.5878+0.0130i	-0.1063-0.0362i	0.2624-0.0249i	0.2379-0.0011i	0.0469+0.0029i	0.0312+0.0039i	0.0489+0.0034i	0.0485+0.0062i
15.5	0.5649+0.0123i	-0.0813-0.0337i	0.2669-0.0169i	0.2375-0.0080i	0.0441+0.0028i	0.0282+0.0037i	0.0453+0.0031i	0.0452+0.0048i
15.6	0.5425+0.0113i	-0.0569-0.0323i	0.2737-0.0067i	0.2366-0.0143i	0.0411+0.0027i	0.0251+0.0035i	0.0422+0.0031i	0.0410+0.0043i
15.7	0.5252+0.0073i	-0.0343-0.0270i	0.2809-0.0057i	0.2338-0.0142i	0.0388+0.0019i	0.0229+0.0029i	0.0395+0.0025i	0.0387+0.0038i
15.8	0.5116+0.0043i	-0.0180-0.0235i	0.2828-0.0027i	0.2362-0.0170i	0.0373+0.0014i	0.0216+0.0025i	0.0372+0.0017i	0.0367+0.0036i
15.9	0.5015-0.0006i	-0.0020-0.0199i	0.2886-0.0006i	0.2361-0.0201i	0.0357+0.0012i	0.0200+0.0021i	0.0350+0.0013i	0.0345+0.0033i
16.0	0.4923-0.0065i	0.0112-0.0152i	0.2931+0.0001i	0.2367-0.0210i	0.0346+0.0009i	0.0184+0.0018i	0.0334+0.0011i	0.0326+0.0026i
16.1	0.4793-0.0104i	0.0270-0.0120i	0.2954-0.0018i	0.2373-0.0224i	0.0332+0.0004i	0.0170+0.0015i	0.0319+0.0006i	0.0302+0.0025i
16.2	0.4691-0.0139i	0.0402-0.0112i	0.2960-0.0030i	0.2363-0.0246i	0.0318+0.0001i	0.0156+0.0012i	0.0300+0.0001i	0.0290+0.0023i
16.3	0.4598-0.0114i	0.0510-0.0140i	0.2962-0.0002i	0.2410-0.0271i	0.0302+0.0001i	0.0141+0.0012i	0.0280-0.0003i	0.0266+0.0022i
16.4	0.4511-0.0130i	0.0591-0.0145i	0.2972-0.0004i	0.2445-0.0264i	0.0284-0.0000i	0.0125+0.0011i	0.0257-0.0002i	0.0244+0.0020i
16.5	0.4462-0.0164i	0.0678-0.0128i	0.3019+0.0002i	0.2426-0.0292i	0.0269+0.0003i	0.0108+0.0014i	0.0232+0.0004i	0.0230+0.0024i
16.6	0.4418-0.0228i	0.0744-0.0104i	0.3053+0.0020i	0.2410-0.0369i	0.0261+0.0007i	0.0101+0.0019i	0.0221+0.0013i	0.0223+0.0029i
16.7	0.4331-0.0290i	0.0826-0.0068i	0.3118-0.0004i	0.2331-0.0388i	0.0258+0.0011i	0.0097+0.0023i	0.0220+0.0021i	0.0213+0.0042i
16.8	0.4276-0.0281i	0.0918-0.0064i	0.3125-0.0061i	0.2331-0.0317i	0.0251+0.0015i	0.0090+0.0024i	0.0215+0.0026i	0.0205+0.0046i
16.9	0.4186-0.0269i	0.1033-0.0091i	0.3096-0.0098i	0.2404-0.0284i	0.0243+0.0014i	0.0087+0.0023i	0.0206+0.0029i	0.0198+0.0042i
17.0	0.4161-0.0269i	0.1086-0.0122i	0.3104-0.0093i	0.2421-0.0315i	0.0237+0.0014i	0.0080+0.0025i	0.0200+0.0027i	0.0185+0.0045i
17.1	0.4109-0.0339i	0.1128-0.0107i	0.3132-0.0114i	0.2398-0.0343i	0.0234+0.0018i	0.0073+0.0030i	0.0197+0.0033i	0.0182+0.0050i
17.2	0.4026-0.0311i	0.1196-0.0115i	0.3150-0.0177i	0.2367-0.0262i	0.0231+0.0019i	0.0072+0.0026i	0.0195+0.0037i	0.0176+0.0051i
17.3	0.4015-0.0276i	0.1241-0.0134i	0.3120-0.0212i	0.2423-0.0220i	0.0222+0.0022i	0.0066+0.0026i	0.0188+0.0036i	0.0169+0.0049i
17.4	0.3986-0.0298i	0.1268-0.0128i	0.3087-0.0203i	0.2505-0.0263i	0.0218+0.0023i	0.0061+0.0031i	0.0182+0.0041i	0.0164+0.0055i
17.5	0.3947-0.0337i	0.1330-0.0115i	0.3085-0.0204i	0.2505-0.0303i	0.0217+0.0023i	0.0059+0.0032i	0.0176+0.0042i	0.0160+0.0058i
17.6	0.3915-0.0316i	0.1392-0.0115i	0.3105-0.0203i	0.2503-0.0285i	0.0215+0.0025i	0.0054+0.0034i	0.0172+0.0042i	0.0159+0.0057i
17.7	0.3900-0.0300i	0.1437-0.0105i	0.3101-0.0220i	0.2544-0.0270i	0.0209+0.0025i	0.0048+0.0035i	0.0169+0.0042i	0.0152+0.0060i
17.8	0.3898-0.0316i	0.1484-0.0118i	0.3128-0.0228i	0.2558-0.0258i	0.0205+0.0028i	0.0047+0.0033i	0.0164+0.0043i	0.0145+0.0063i
17.9	0.3874-0.0344i	0.1540-0.0138i	0.3137-0.0242i	0.2571-0.0280i	0.0204+0.0029i	0.0043+0.0033i	0.0157+0.0047i	0.0141+0.0066i
18.0	0.3849-0.0366i	0.1590-0.0160i	0.3127-0.0289i	0.2617-0.0298i	0.0199+0.0030i	0.0038+0.0039i	0.0154+0.0055i	0.0132+0.0068i
18.1	0.3815-0.0393i	0.1618-0.0157i	0.3102-0.0296i	0.2660-0.0320i	0.0198+0.0035i	0.0035+0.0044i	0.0150+0.0062i	0.0135+0.0079i
18.2	0.3772-0.0409i	0.1666-0.0158i	0.3090-0.0279i	0.2676-0.0349i	0.0199+0.0038i	0.0036+0.0045i	0.0154+0.0063i	0.0142+0.0088i

18.3	0.3732-0.0376i	0.1690-0.0178i	0.3089-0.0238i	0.2657-0.0384i	0.0202+0.0039i	0.0036+0.0045i	0.0159+0.0064i	0.0140+0.0086i
18.4	0.3719-0.0347i	0.1742-0.0162i	0.3115-0.0211i	0.2657-0.0383i	0.0199+0.0037i	0.0033+0.0043i	0.0159+0.0058i	0.0141+0.0080i
18.5	0.3758-0.0308i	0.1809-0.0172i	0.3165-0.0158i	0.2729-0.0365i	0.0193+0.0027i	0.0028+0.0035i	0.0149+0.0045i	0.0133+0.0069i
18.6	0.3888-0.0318i	0.1912-0.0279i	0.3313-0.0242i	0.2809-0.0379i	0.0175+0.0035i	0.0012+0.0043i	0.0119+0.0057i	0.0103+0.0076i
18.7	0.3913-0.0441i	0.1932-0.0368i	0.3326-0.0415i	0.2828-0.0493i	0.0168+0.0050i	0.0006+0.0058i	0.0110+0.0080i	0.0090+0.0104i
18.8	0.3791-0.0536i	0.1875-0.0406i	0.3263-0.0474i	0.2774-0.0584i	0.0175+0.0062i	0.0013+0.0067i	0.0123+0.0101i	0.0096+0.0122i
18.9	0.3732-0.0554i	0.1848-0.0413i	0.3224-0.0490i	0.2730-0.0613i	0.0178+0.0067i	0.0015+0.0072i	0.0132+0.0108i	0.0105+0.0130i
19.0	0.3696-0.0571i	0.1852-0.0418i	0.3158-0.0514i	0.2717-0.0619i	0.0183+0.0071i	0.0020+0.0076i	0.0142+0.0111i	0.0116+0.0137i
19.1	0.3654-0.0576i	0.1860-0.0447i	0.3116-0.0532i	0.2710-0.0622i	0.0188+0.0074i	0.0024+0.0079i	0.0147+0.0115i	0.0118+0.0146i
19.2	0.3622-0.0542i	0.1884-0.0461i	0.3115-0.0533i	0.2704-0.0599i	0.0190+0.0076i	0.0025+0.0080i	0.0153+0.0113i	0.0121+0.0152i
19.3	0.3622-0.0537i	0.1907-0.0493i	0.3099-0.0525i	0.2687-0.0612i	0.0193+0.0075i	0.0024+0.0082i	0.0152+0.0112i	0.0124+0.0157i
19.4	0.3612-0.0566i	0.1936-0.0532i	0.3127-0.0558i	0.2705-0.0608i	0.0189+0.0080i	0.0020+0.0083i	0.0147+0.0116i	0.0122+0.0159i
19.5	0.3597-0.0584i	0.1926-0.0555i	0.3130-0.0577i	0.2718-0.0659i	0.0191+0.0083i	0.0024+0.0089i	0.0152+0.0124i	0.0125+0.0175i
19.6	0.3561-0.0600i	0.1917-0.0569i	0.3087-0.0574i	0.2698-0.0716i	0.0194+0.0087i	0.0029+0.0093i	0.0160+0.0130i	0.0140+0.0179i
19.7	0.3538-0.0585i	0.1898-0.0577i	0.3062-0.0605i	0.2698-0.0718i	0.0197+0.0091i	0.0032+0.0095i	0.0163+0.0132i	0.0150+0.0184i
19.8	0.3489-0.0632i	0.1890-0.0616i	0.3043-0.0620i	0.2667-0.0759i	0.0205+0.0098i	0.0036+0.0100i	0.0171+0.0139i	0.0156+0.0197i
19.9	0.3461-0.0634i	0.1875-0.0626i	0.3012-0.0621i	0.2632-0.0773i	0.0212+0.0096i	0.0043+0.0099i	0.0180+0.0135i	0.0166+0.0192i
20.0	0.3413-0.0583i	0.1887-0.0643i	0.3004-0.0616i	0.2604-0.0771i	0.0216+0.0094i	0.0047+0.0101i	0.0185+0.0138i	0.0181+0.0196i
20.1	0.3386-0.0591i	0.1878-0.0635i	0.2990-0.0624i	0.2569-0.0756i	0.0220+0.0096i	0.0048+0.0103i	0.0188+0.0140i	0.0193+0.0192i
20.2	0.3376-0.0601i	0.1862-0.0647i	0.2955-0.0616i	0.2527-0.0763i	0.0226+0.0096i	0.0054+0.0098i	0.0196+0.0138i	0.0208+0.0190i
20.3	0.3350-0.0585i	0.1838-0.0655i	0.2939-0.0596i	0.2505-0.0755i	0.0229+0.0095i	0.0059+0.0097i	0.0202+0.0135i	0.0221+0.0189i
20.4	0.3330-0.0556i	0.1836-0.0644i	0.2906-0.0595i	0.2518-0.0739i	0.0230+0.0093i	0.0059+0.0099i	0.0204+0.0132i	0.0224+0.0183i
20.5	0.3324-0.0543i	0.1821-0.0658i	0.2890-0.0585i	0.2553-0.0719i	0.0234+0.0093i	0.0062+0.0098i	0.0208+0.0129i	0.0231+0.0179i
20.6	0.3321-0.0523i	0.1826-0.0632i	0.2908-0.0566i	0.2527-0.0669i	0.0236+0.0088i	0.0063+0.0096i	0.0205+0.0129i	0.0239+0.0165i
20.7	0.3344-0.0506i	0.1859-0.0608i	0.2909-0.0554i	0.2515-0.0658i	0.0236+0.0088i	0.0063+0.0094i	0.0204+0.0133i	0.0228+0.0162i
20.8	0.3328-0.0503i	0.1894-0.0652i	0.2912-0.0550i	0.2539-0.0658i	0.0237+0.0090i	0.0062+0.0097i	0.0201+0.0135i	0.0228+0.0169i
20.9	0.3323-0.0449i	0.1855-0.0676i	0.2890-0.0538i	0.2552-0.0680i	0.0237+0.0095i	0.0064+0.0100i	0.0204+0.0138i	0.0232+0.0174i
21.0	0.3310-0.0458i	0.1867-0.0683i	0.2926-0.0543i	0.2560-0.0713i	0.0237+0.0096i	0.0062+0.0103i	0.0206+0.0143i	0.0231+0.0171i
21.1	0.3343-0.0470i	0.1906-0.0697i	0.2944-0.0569i	0.2595-0.0690i	0.0240+0.0099i	0.0063+0.0108i	0.0210+0.0151i	0.0235+0.0179i
21.2	0.3359-0.0477i	0.1927-0.0726i	0.2972-0.0579i	0.2590-0.0719i	0.0243+0.0104i	0.0067+0.0111i	0.0213+0.0165i	0.0237+0.0188i
21.3	0.3364-0.0483i	0.1944-0.0790i	0.2990-0.0617i	0.2587-0.0752i	0.0249+0.0115i	0.0073+0.0123i	0.0225+0.0183i	0.0249+0.0194i
21.4	0.3351-0.0493i	0.1893-0.0872i	0.2973-0.0658i	0.2581-0.0807i	0.0262+0.0124i	0.0088+0.0132i	0.0249+0.0195i	0.0264+0.0203i
21.5	0.3326-0.0511i	0.1801-0.0884i	0.2915-0.0671i	0.2505-0.0840i	0.0275+0.0124i	0.0100+0.0133i	0.0274+0.0199i	0.0276+0.0211i
21.6	0.3340-0.0534i	0.1737-0.0899i	0.2900-0.0687i	0.2458-0.0838i	0.0287+0.0124i	0.0110+0.0129i	0.0293+0.0194i	0.0299+0.0218i
21.7	0.3322-0.0527i	0.1703-0.0899i	0.2894-0.0697i	0.2444-0.0819i	0.0299+0.0119i	0.0122+0.0123i	0.0312+0.0184i	0.0314+0.0209i
21.8	0.3277-0.0517i	0.1653-0.0917i	0.2840-0.0668i	0.2406-0.0828i	0.0309+0.0111i	0.0130+0.0116i	0.0334+0.0182i	0.0326+0.0193i
21.9	0.3276-0.0497i	0.1606-0.0949i	0.2771-0.0734i	0.2335-0.0802i	0.0325+0.0110i	0.0148+0.0112i	0.0354+0.0170i	0.0367+0.0191i
22.0	0.3265-0.0479i	0.1543-0.0904i	0.2708-0.0690i	0.2329-0.0755i	0.0337+0.0097i	0.0160+0.0102i	0.0372+0.0150i	0.0374+0.0173i
22.1	0.3252-0.0462i	0.1477-0.0866i	0.2666-0.0668i	0.2286-0.0741i	0.0345+0.0085i	0.0168+0.0092i	0.0383+0.0131i	0.0388+0.0153i
22.2	0.3258-0.0445i	0.1433-0.0832i	0.2636-0.0638i	0.2300-0.0697i	0.0349+0.0073i	0.0170+0.0077i	0.0388+0.0112i	0.0406+0.0132i
22.3	0.3242-0.0406i	0.1398-0.0784i	0.2590-0.0585i	0.2304-0.0648i	0.0356+0.0065i	0.0178+0.0066i	0.0393+0.0094i	0.0415+0.0120i
22.4	0.3252-0.0401i	0.1362-0.0704i	0.2582-0.0535i	0.2271-0.0596i	0.0360+0.0055i	0.0179+0.0056i	0.0396+0.0071i	0.0421+0.0112i
22.5	0.3264-0.0381i	0.1350-0.0632i	0.2572-0.0450i	0.2271-0.0567i	0.0358+0.0039i	0.0175+0.0041i	0.0392+0.0046i	0.0420+0.0080i
22.6	0.3243-0.0343i	0.1340-0.0541i	0.2581-0.0376i	0.2277-0.0509i	0.0354+0.0024i	0.0176+0.0025i	0.0393+0.0027i	0.0414+0.0053i
22.7	0.3257-0.0336i	0.1351-0.0470i	0.2592-0.0341i	0.2310-0.0476i	0.0350+0.0013i	0.0171+0.0012i	0.0394+0.0014i	0.0401+0.0031i
22.8	0.3307-0.0320i	0.1409-0.0397i	0.2635-0.0278i	0.2319-0.0437i	0.0339+0.0003i	0.0160+0.0003i	0.0382-0.0005i	0.0389+0.0020i
22.9	0.3329-0.0309i	0.1471-0.0387i	0.2698-0.0230i	0.2344-0.0438i	0.0332-0.0002i	0.0150-0.0000i	0.0366-0.0009i	0.0373+0.0008i
23.0	0.3352-0.0308i	0.1511-0.0388i	0.2760-0.0196i	0.2374-0.0440i	0.0328-0.0002i	0.0144+0.0002i	0.0353-0.0008i	0.0361+0.0002i
23.1	0.3370-0.0270i	0.1520-0.0368i	0.2820-0.0217i	0.2383-0.0416i	0.0331-0.0002i	0.0145+0.0003i	0.0351-0.0010i	0.0360-0.0010i
23.2	0.3385-0.0258i	0.1537-0.0314i	0.2865-0.0206i	0.2397-0.0350i	0.0324-0.0008i	0.0135-0.0004i	0.0342-0.0018i	0.0349-0.0010i
23.3	0.3395-0.0274i	0.1582-0.0281i	0.2886-0.0180i	0.2437-0.0325i	0.0317-0.0017i	0.0130-0.0012i	0.0337-0.0028i	0.0341-0.0012i
23.4	0.3423-0.0267i	0.1651-0.0261i	0.2918-0.0187i	0.2436-0.0307i	0.0313-0.0019i	0.0126-0.0012i	0.0331-0.0028i	0.0337-0.0011i
23.5	0.3468-0.0231i	0.1693-0.0255i	0.2975-0.0216i	0.2466-0.0268i	0.0310-0.0018i	0.0123-0.0009i	0.0320-0.0030i	0.0335-0.0004i
23.6	0.3502-0.0219i	0.1714-0.0261i	0.3020-0.0229i	0.2527-0.0285i	0.0306-0.0017i	0.0118-0.0011i	0.0314-0.0030i	0.0323-0.0006i
23.7	0.3519-0.0230i	0.1755-0.0271i	0.3046-0.0269i	0.2571-0.0302i	0.0299-0.0021i	0.0114-0.0013i	0.0312-0.0033i	0.0316-0.0011i
23.8	0.3543-0.0250i	0.1801-0.0285i	0.3056-0.0273i	0.2600-0.0292i	0.0296-0.0018i	0.0112-0.0009i	0.0301-0.0033i	0.0307-0.0004i
23.9	0.3552-0.0252i	0.1809-0.0304i	0.3056-0.0282i	0.2661-0.0290i	0.0294-0.0015i	0.0112-0.0006i	0.0298-0.0030i	0.0305+0.0003i
24.0	0.3591-0.0242i	0.1824-0.0339i	0.3078-0.0264i	0.2712-0.0312i	0.0293-0.0010i	0.0112-0.0003i	0.0300-0.0024i	0.0302+0.0010i
24.1	0.3607-0.0226i	0.1866-0.0345i	0.3095-0.0280i	0.2705-0.0312i	0.0289-0.0001i	0.0108+0.0006i	0.0294-0.0020i	0.0305+0.0019i
24.2	0.3594-0.0216i	0.1896-0.0406i	0.3084-0.0312i	0.2753-0.0312i	0.0285+0.0001i	0.0107+0.0007i	0.0284-0.0012i	0.0307+0.0017i
24.3	0.3584-0.0206i	0.1867-0.0424i	0.3076-0.0334i	0.2782-0.0298i	0.0287+0.0001i	0.0108+0.0004i	0.0283-0.0012i	0.0312+0.0017i
24.4	0.3623-0.0203i	0.1867-0.0424i	0.3096-0.0324i	0.2810-0.0284i	0.0293+0.0007i	0.0106+0.0007i	0.0294-0.0003i	0.0311+0.0028i
24.5	0.3654-0.0202i	0.1863-0.0418i	0.3112-0.0334i	0.2808-0.0308i	0.0297+0.0007i	0.0109+0.0012i	0.0297+0.0003i	0.0314+0.0029i

24.6	0.3697-0.0209i	0.1893-0.0427i	0.3150-0.0331i	0.2852-0.0298i	0.0296+0.0008i	0.0112+0.0016i	0.0298+0.0005i	0.0320+0.0033i
24.7	0.3717-0.0204i	0.1953-0.0452i	0.3164-0.0321i	0.2899-0.0315i	0.0302+0.0011i	0.0116+0.0016i	0.0302+0.0006i	0.0328+0.0033i
24.8	0.3729-0.0205i	0.1971-0.0460i	0.3164-0.0311i	0.2895-0.0380i	0.0303+0.0012i	0.0115+0.0012i	0.0305+0.0008i	0.0326+0.0037i
24.9	0.3770-0.0188i	0.1995-0.0490i	0.3200-0.0293i	0.2927-0.0382i	0.0302+0.0017i	0.0112+0.0016i	0.0306+0.0009i	0.0333+0.0044i
25.0	0.3830-0.0211i	0.2011-0.0535i	0.3239-0.0294i	0.3001-0.0409i	0.0306+0.0024i	0.0117+0.0022i	0.0308+0.0016i	0.0339+0.0050i
25.1	0.3858-0.0200i	0.2053-0.0602i	0.3244-0.0362i	0.3021-0.0460i	0.0303+0.0027i	0.0119+0.0027i	0.0309+0.0027i	0.0339+0.0055i
25.2	0.3879-0.0225i	0.1995-0.0658i	0.3255-0.0372i	0.3057-0.0487i	0.0308+0.0035i	0.0123+0.0030i	0.0314+0.0035i	0.0345+0.0064i
25.3	0.3920-0.0223i	0.1961-0.0726i	0.3254-0.0395i	0.3055-0.0511i	0.0312+0.0042i	0.0127+0.0035i	0.0319+0.0047i	0.0347+0.0071i
25.4	0.3954-0.0210i	0.1916-0.0794i	0.3256-0.0427i	0.3062-0.0510i	0.0328+0.0049i	0.0143+0.0044i	0.0345+0.0058i	0.0373+0.0080i
25.5	0.3992-0.0182i	0.1858-0.0799i	0.3281-0.0402i	0.3066-0.0574i	0.0348+0.0053i	0.0155+0.0046i	0.0370+0.0061i	0.0399+0.0089i
25.6	0.4058-0.0210i	0.1818-0.0855i	0.3257-0.0399i	0.3075-0.0617i	0.0366+0.0052i	0.0167+0.0044i	0.0388+0.0061i	0.0428+0.0083i
25.7	0.4106-0.0206i	0.1806-0.0885i	0.3269-0.0380i	0.3095-0.0631i	0.0374+0.0052i	0.0179+0.0042i	0.0403+0.0059i	0.0446+0.0076i
25.8	0.4171-0.0229i	0.1756-0.0939i	0.3319-0.0390i	0.3101-0.0676i	0.0382+0.0049i	0.0183+0.0039i	0.0414+0.0058i	0.0449+0.0074i
25.9	0.4231-0.0244i	0.1656-0.0976i	0.3359-0.0421i	0.3057-0.0691i	0.0399+0.0051i	0.0195+0.0035i	0.0437+0.0058i	0.0470+0.0080i
26.0	0.4299-0.0253i	0.1579-0.0989i	0.3358-0.0378i	0.3046-0.0730i	0.0419+0.0043i	0.0214+0.0023i	0.0466+0.0043i	0.0504+0.0062i
26.1	0.4352-0.0314i	0.1498-0.1003i	0.3393-0.0383i	0.3018-0.0764i	0.0431+0.0032i	0.0219+0.0012i	0.0486+0.0027i	0.0519+0.0036i
26.2	0.4391-0.0362i	0.1437-0.0992i	0.3462-0.0419i	0.2954-0.0831i	0.0440+0.0019i	0.0227-0.0003i	0.0496+0.0005i	0.0525+0.0006i
26.3	0.4436-0.0434i	0.1368-0.0968i	0.3533-0.0469i	0.2890-0.0865i	0.0450+0.0004i	0.0233-0.0019i	0.0509-0.0020i	0.0536-0.0018i
26.4	0.4443-0.0494i	0.1241-0.0934i	0.3530-0.0473i	0.2839-0.0843i	0.0459-0.0015i	0.0242-0.0032i	0.0526-0.0044i	0.0535-0.0038i
26.5	0.4469-0.0553i	0.1148-0.0885i	0.3539-0.0499i	0.2766-0.0836i	0.0460-0.0031i	0.0240-0.0049i	0.0524-0.0074i	0.0528-0.0077i
26.6	0.4440-0.0590i	0.1091-0.0808i	0.3596-0.0590i	0.2721-0.0771i	0.0448-0.0039i	0.0222-0.0055i	0.0505-0.0084i	0.0501-0.0084i
26.7	0.4442-0.0577i	0.1102-0.0751i	0.3629-0.0673i	0.2706-0.0670i	0.0440-0.0039i	0.0212-0.0050i	0.0497-0.0086i	0.0488-0.0067i
26.8	0.4496-0.0562i	0.1039-0.0735i	0.3565-0.0692i	0.2728-0.0614i	0.0446-0.0042i	0.0215-0.0047i	0.0497-0.0089i	0.0498-0.0067i
26.9	0.4573-0.0556i	0.0929-0.0695i	0.3542-0.0736i	0.2759-0.0571i	0.0451-0.0040i	0.0213-0.0047i	0.0499-0.0087i	0.0504-0.0058i
27.0	0.4648-0.0569i	0.0867-0.0666i	0.3532-0.0738i	0.2759-0.0490i	0.0459-0.0040i	0.0219-0.0043i	0.0516-0.0093i	0.0513-0.0039i
27.1	0.4674-0.0645i	0.0784-0.0573i	0.3514-0.0776i	0.2753-0.0429i	0.0472-0.0046i	0.0224-0.0046i	0.0528-0.0104i	0.0528-0.0050i
27.2	0.4727-0.0680i	0.0731-0.0466i	0.3508-0.0801i	0.2780-0.0380i	0.0482-0.0054i	0.0231-0.0055i	0.0530-0.0118i	0.0548-0.0062i
27.3	0.4789-0.0730i	0.0720-0.0340i	0.3489-0.0808i	0.2870-0.0333i	0.0485-0.0065i	0.0235-0.0056i	0.0530-0.0130i	0.0553-0.0072i
27.4	0.4797-0.0740i	0.0735-0.0256i	0.3490-0.0809i	0.2945-0.0299i	0.0489-0.0074i	0.0239-0.0059i	0.0527-0.0134i	0.0561-0.0081i
27.5	0.4880-0.0804i	0.0734-0.0178i	0.3501-0.0808i	0.2982-0.0282i	0.0500-0.0076i	0.0243-0.0063i	0.0536-0.0137i	0.0581-0.0079i
27.6	0.4969-0.0887i	0.0699-0.0105i	0.3481-0.0866i	0.3032-0.0278i	0.0508-0.0083i	0.0250-0.0066i	0.0549-0.0141i	0.0591-0.0089i
27.7	0.5010-0.0967i	0.0677-0.0004i	0.3431-0.0923i	0.3117-0.0251i	0.0512-0.0091i	0.0257-0.0073i	0.0560-0.0150i	0.0600-0.0112i
27.8	0.5083-0.1033i	0.0643+0.0114i	0.3386-0.0922i	0.3236-0.0219i	0.0518-0.0107i	0.0262-0.0079i	0.0568-0.0164i	0.0620-0.0135i
27.9	0.5095-0.1120i	0.0688+0.0191i	0.3344-0.0909i	0.3343-0.0265i	0.0521-0.0114i	0.0267-0.0081i	0.0577-0.0175i	0.0626-0.0138i
28.0	0.5129-0.1206i	0.0713+0.0259i	0.3330-0.0910i	0.3408-0.0335i	0.0526-0.0123i	0.0271-0.0084i	0.0590-0.0190i	0.0625-0.0139i
28.1	0.5191-0.1262i	0.0645+0.0243i	0.3356-0.0874i	0.3487-0.0447i	0.0535-0.0126i	0.0269-0.0087i	0.0598-0.0194i	0.0630-0.0143i
28.2	0.5249-0.1441i	0.0535+0.0423i	0.3342-0.0831i	0.3508-0.0532i	0.0560-0.0135i	0.0290-0.0086i	0.0629-0.0203i	0.0667-0.0143i
28.3	0.5200-0.1601i	0.0664+0.0763i	0.3281-0.0780i	0.3477-0.0546i	0.0574-0.0164i	0.0316-0.0101i	0.0661-0.0240i	0.0703-0.0169i
28.4	0.5105-0.1677i	0.0898+0.0884i	0.3322-0.0691i	0.3487-0.0535i	0.0568-0.0190i	0.0326-0.0121i	0.0662-0.0275i	0.0717-0.0206i
28.5	0.5099-0.1687i	0.1063+0.0861i	0.3379-0.0663i	0.3549-0.0556i	0.0567-0.0202i	0.0326-0.0135i	0.0659-0.0296i	0.0716-0.0232i
28.6	0.5117-0.1730i	0.1127+0.0827i	0.3415-0.0684i	0.3606-0.0599i	0.0573-0.0211i	0.0330-0.0153i	0.0664-0.0320i	0.0717-0.0260i
28.7	0.5146-0.1796i	0.1144+0.0807i	0.3450-0.0679i	0.3633-0.0669i	0.0584-0.0224i	0.0345-0.0170i	0.0672-0.0344i	0.0730-0.0276i
28.8	0.5162-0.1829i	0.1177+0.0804i	0.3492-0.0705i	0.3642-0.0746i	0.0586-0.0242i	0.0348-0.0184i	0.0671-0.0372i	0.0749-0.0304i
28.9	0.5239-0.1917i	0.1154+0.0832i	0.3544-0.0731i	0.3659-0.0794i	0.0592-0.0263i	0.0354-0.0204i	0.0676-0.0402i	0.0760-0.0342i
29.0	0.5276-0.2059i	0.1134+0.0895i	0.3590-0.0780i	0.3672-0.0813i	0.0594-0.0289i	0.0358-0.0224i	0.0680-0.0434i	0.0760-0.0374i
29.1	0.5300-0.2222i	0.1187+0.0966i	0.3601-0.0813i	0.3730-0.0834i	0.0592-0.0313i	0.0358-0.0252i	0.0675-0.0469i	0.0760-0.0423i
29.2	0.5305-0.2365i	0.1150+0.1014i	0.3646-0.0869i	0.3722-0.0916i	0.0587-0.0332i	0.0349-0.0275i	0.0664-0.0499i	0.0750-0.0460i
29.3	0.5268-0.2456i	0.1170+0.1092i	0.3659-0.0864i	0.3714-0.0994i	0.0585-0.0356i	0.0343-0.0296i	0.0658-0.0531i	0.0746-0.0496i
29.4	0.5231-0.2612i	0.1241+0.1190i	0.3675-0.0906i	0.3702-0.1093i	0.0578-0.0384i	0.0341-0.0320i	0.0648-0.0567i	0.0741-0.0540i
29.5	0.5186-0.2804i	0.1341+0.1301i	0.3648-0.0971i	0.3708-0.1128i	0.0564-0.0420i	0.0324-0.0347i	0.0624-0.0612i	0.0704-0.0579i
29.6	0.5075-0.2919i	0.1415+0.1428i	0.3670-0.1000i	0.3677-0.1163i	0.0545-0.0435i	0.0304-0.0363i	0.0595-0.0633i	0.0672-0.0603i
29.7	0.4950-0.3054i	0.1537+0.1517i	0.3648-0.1034i	0.3658-0.1205i	0.0521-0.0459i	0.0287-0.0382i	0.0568-0.0664i	0.0644-0.0643i
29.8	0.4853-0.3134i	0.1644+0.1530i	0.3620-0.1089i	0.3671-0.1265i	0.0505-0.0469i	0.0279-0.0392i	0.0548-0.0683i	0.0632-0.0666i
29.9	0.4744-0.3311i	0.1749+0.1636i	0.3634-0.1226i	0.3658-0.1396i	0.0491-0.0500i	0.0270-0.0420i	0.0528-0.0725i	0.0613-0.0715i
30.0	0.4549-0.3407i	0.1952+0.1642i	0.3618-0.1226i	0.3592-0.1428i	0.0453-0.0522i	0.0236-0.0434i	0.0485-0.0745i	0.0555-0.0737i
30.1	0.4352-0.3385i	0.2098+0.1591i	0.3554-0.1246i	0.3526-0.1416i	0.0415-0.0527i	0.0208-0.0443i	0.0440-0.0747i	0.0490-0.0751i
30.2	0.4154-0.3359i	0.2205+0.1511i	0.3468-0.1233i	0.3466-0.1416i	0.0369-0.0528i	0.0171-0.0446i	0.0379-0.0754i	0.0419-0.0762i
30.3	0.4016-0.3258i	0.2240+0.1372i	0.3424-0.1196i	0.3396-0.1386i	0.0330-0.0507i	0.0130-0.0430i	0.0336-0.0742i	0.0335-0.0713i
30.4	0.4071-0.3198i	0.2198+0.1314i	0.3429-0.1203i	0.3411-0.1393i	0.0322-0.0480i	0.0113-0.0406i	0.0323-0.0725i	0.0316-0.0644i
30.5	0.4031-0.3252i	0.2204+0.1397i	0.3404-0.1226i	0.3405-0.1419i	0.0327-0.0468i	0.0114-0.0392i	0.0316-0.0715i	0.0326-0.0620i
30.6	0.3863-0.3326i	0.2302+0.1446i	0.3360-0.1233i	0.3380-0.1459i	0.0321-0.0466i	0.0110-0.0387i	0.0296-0.0715i	0.0336-0.0606i
30.7	0.3644-0.3338i	0.2455+0.1500i	0.3325-0.1237i	0.3300-0.1476i	0.0302-0.0465i	0.0093-0.0384i	0.0252-0.0712i	0.0322-0.0591i
30.8	0.3481-0.3251i	0.2636+0.1481i	0.3296-0.1180i	0.3254-0.1422i	0.0284-0.0453i	0.0083-0.0369i	0.0222-0.0686i	0.0308-0.0574i

30.9	0.3403-0.3141i	0.2736+0.1400i	0.3174-0.1109i	0.3213-0.1418i	0.0271-0.0436i	0.0082-0.0356i	0.0222-0.0653i	0.0309-0.0553i
31.0	0.3295-0.3070i	0.2803+0.1317i	0.3097-0.1046i	0.3187-0.1407i	0.0264-0.0430i	0.0080-0.0352i	0.0215-0.0644i	0.0296-0.0543i
31.1	0.3250-0.2910i	0.2864+0.1221i	0.3151-0.0951i	0.3189-0.1395i	0.0259-0.0407i	0.0074-0.0342i	0.0204-0.0626i	0.0270-0.0521i
31.2	0.3233-0.2782i	0.2904+0.1101i	0.3201-0.0939i	0.3179-0.1418i	0.0256-0.0390i	0.0065-0.0322i	0.0193-0.0608i	0.0263-0.0485i
31.3	0.3241-0.2716i	0.2901+0.1032i	0.3180-0.0924i	0.3144-0.1399i	0.0254-0.0370i	0.0069-0.0302i	0.0195-0.0588i	0.0267-0.0447i
31.4	0.3260-0.2633i	0.2877+0.0962i	0.3192-0.0881i	0.3096-0.1405i	0.0262-0.0352i	0.0081-0.0294i	0.0211-0.0568i	0.0290-0.0429i
31.5	0.3287-0.2534i	0.2895+0.0898i	0.3290-0.0812i	0.3113-0.1360i	0.0271-0.0337i	0.0094-0.0280i	0.0230-0.0547i	0.0308-0.0396i
31.6	0.3321-0.2476i	0.2904+0.0835i	0.3324-0.0839i	0.3127-0.1316i	0.0287-0.0323i	0.0110-0.0270i	0.0245-0.0535i	0.0344-0.0380i
31.7	0.3357-0.2423i	0.2897+0.0786i	0.3351-0.0825i	0.3108-0.1300i	0.0303-0.0315i	0.0126-0.0266i	0.0263-0.0535i	0.0380-0.0368i
31.8	0.3374-0.2326i	0.2839+0.0738i	0.3388-0.0765i	0.3007-0.1306i	0.0320-0.0307i	0.0143-0.0260i	0.0281-0.0538i	0.0415-0.0358i
31.9	0.3502-0.2244i	0.2768+0.0702i	0.3457-0.0726i	0.3024-0.1259i	0.0336-0.0303i	0.0158-0.0261i	0.0294-0.0542i	0.0454-0.0342i
32.0	0.3547-0.2204i	0.2715+0.0679i	0.3504-0.0704i	0.2992-0.1228i	0.0344-0.0297i	0.0168-0.0260i	0.0304-0.0538i	0.0471-0.0326i
32.1	0.3607-0.2178i	0.2698+0.0674i	0.3539-0.0691i	0.2965-0.1164i	0.0359-0.0294i	0.0183-0.0263i	0.0313-0.0552i	0.0500-0.0330i
32.2	0.3680-0.2126i	0.2655+0.0711i	0.3655-0.0711i	0.2962-0.1063i	0.0378-0.0292i	0.0198-0.0267i	0.0323-0.0542i	0.0546-0.0328i
32.3	0.3773-0.2110i	0.2609+0.0713i	0.3732-0.0735i	0.2933-0.0963i	0.0401-0.0288i	0.0219-0.0263i	0.0341-0.0536i	0.0603-0.0319i
32.4	0.3912-0.2125i	0.2574+0.0740i	0.3809-0.0717i	0.2942-0.0881i	0.0431-0.0288i	0.0240-0.0268i	0.0369-0.0531i	0.0666-0.0329i
32.5	0.4046-0.2084i	0.2589+0.0773i	0.3805-0.0743i	0.3086-0.0740i	0.0465-0.0293i	0.0278-0.0272i	0.0397-0.0541i	0.0722-0.0352i
32.6	0.4168-0.2032i	0.2605+0.0803i	0.3831-0.0827i	0.3164-0.0618i	0.0487-0.0300i	0.0299-0.0283i	0.0414-0.0536i	0.0768-0.0378i
32.7	0.4341-0.2043i	0.2585+0.0831i	0.3886-0.0945i	0.3277-0.0518i	0.0518-0.0307i	0.0329-0.0291i	0.0454-0.0531i	0.0826-0.0395i
32.8	0.4544-0.2164i	0.2567+0.0858i	0.3931-0.1006i	0.3448-0.0443i	0.0553-0.0329i	0.0367-0.0316i	0.0504-0.0552i	0.0890-0.0457i
32.9	0.4721-0.2243i	0.2534+0.0867i	0.3907-0.1077i	0.3613-0.0382i	0.0581-0.0346i	0.0389-0.0340i	0.0561-0.0573i	0.0921-0.0507i
33.0	0.4902-0.2437i	0.2497+0.0890i	0.3829-0.1175i	0.3844-0.0372i	0.0614-0.0372i	0.0420-0.0372i	0.0625-0.0619i	0.0960-0.0547i
33.1	0.5129-0.2600i	0.2441+0.0950i	0.3767-0.1225i	0.4114-0.0424i	0.0659-0.0397i	0.0466-0.0408i	0.0704-0.0663i	0.1006-0.0594i
33.2	0.5312-0.2797i	0.2396+0.1054i	0.3697-0.1177i	0.4370-0.0530i	0.0697-0.0426i	0.0502-0.0443i	0.0768-0.0737i	0.1056-0.0619i
33.3	0.5329-0.3150i	0.2393+0.1211i	0.3630-0.1095i	0.4578-0.0801i	0.0735-0.0498i	0.0534-0.0518i	0.0814-0.0873i	0.1114-0.0715i
33.4	0.5309-0.3532i	0.2425+0.1340i	0.3575-0.1000i	0.4658-0.1056i	0.0752-0.0583i	0.0542-0.0609i	0.0817-0.1017i	0.1150-0.0843i
33.5	0.5214-0.3861i	0.2489+0.1441i	0.3629-0.0874i	0.4618-0.1285i	0.0735-0.0665i	0.0520-0.0696i	0.0783-0.1158i	0.1147-0.0972i
33.6	0.5138-0.4124i	0.2587+0.1596i	0.3728-0.0804i	0.4582-0.1497i	0.0715-0.0750i	0.0491-0.0786i	0.0721-0.1290i	0.1119-0.1114i
33.7	0.4894-0.4255i	0.2746+0.1635i	0.3771-0.0773i	0.4488-0.1687i	0.0652-0.0802i	0.0422-0.0835i	0.0598-0.1351i	0.1035-0.1206i
33.8	0.4583-0.4363i	0.2915+0.1664i	0.3883-0.0732i	0.4349-0.1842i	0.0578-0.0817i	0.0344-0.0854i	0.0471-0.1362i	0.0925-0.1240i
33.9	0.4476-0.4465i	0.2967+0.1657i	0.4006-0.0687i	0.4298-0.1941i	0.0557-0.0819i	0.0314-0.0853i	0.0418-0.1362i	0.0882-0.1257i
34.0	0.4349-0.4508i	0.3023+0.1600i	0.4117-0.0672i	0.4109-0.2003i	0.0534-0.0812i	0.0282-0.0850i	0.0371-0.1352i	0.0841-0.1253i
34.1	0.4196-0.4511i	0.3108+0.1586i	0.4261-0.0718i	0.3966-0.1960i	0.0518-0.0811i	0.0254-0.0839i	0.0337-0.1352i	0.0818-0.1241i
34.2	0.4139-0.4512i	0.3199+0.1619i	0.4383-0.0808i	0.3908-0.1859i	0.0510-0.0822i	0.0245-0.0845i	0.0313-0.1366i	0.0815-0.1248i
34.3	0.4132-0.4555i	0.3242+0.1664i	0.4452-0.0912i	0.3842-0.1862i	0.0515-0.0837i	0.0251-0.0859i	0.0304-0.1382i	0.0825-0.1259i
34.4	0.4125-0.4577i	0.3256+0.1701i	0.4565-0.1005i	0.3800-0.1788i	0.0521-0.0850i	0.0247-0.0877i	0.0290-0.1401i	0.0837-0.1287i
34.5	0.4096-0.4631i	0.3257+0.1679i	0.4621-0.1090i	0.3827-0.1703i	0.0527-0.0856i	0.0253-0.0892i	0.0293-0.1426i	0.0860-0.1306i
34.6	0.4104-0.4739i	0.3307+0.1696i	0.4616-0.1145i	0.3869-0.1646i	0.0540-0.0885i	0.0260-0.0922i	0.0292-0.1476i	0.0885-0.1350i
34.7	0.4095-0.4928i	0.3331+0.1795i	0.4662-0.1187i	0.3918-0.1664i	0.0546-0.0929i	0.0252-0.0963i	0.0282-0.1541i	0.0910-0.1403i
34.8	0.4038-0.5063i	0.3393+0.1844i	0.4731-0.1258i	0.3967-0.1707i	0.0554-0.0955i	0.0259-0.0984i	0.0251-0.1584i	0.0932-0.1436i
34.9	0.3955-0.5230i	0.3488+0.1875i	0.4716-0.1366i	0.4032-0.1730i	0.0554-0.0991i	0.0249-0.1020i	0.0223-0.1630i	0.0952-0.1496i
35.0	0.3867-0.5406i	0.3555+0.1933i	0.4699-0.1472i	0.4025-0.1755i	0.0560-0.1033i	0.0242-0.1067i	0.0202-0.1703i	0.0987-0.1571i
35.1	0.3789-0.5532i	0.3598+0.2005i	0.4727-0.1522i	0.4027-0.1779i	0.0561-0.1072i	0.0237-0.1104i	0.0171-0.1754i	0.1000-0.1637i
35.2	0.3675-0.5658i	0.3662+0.2066i	0.4779-0.1580i	0.4054-0.1812i	0.0558-0.1114i	0.0224-0.1151i	0.0138-0.1822i	0.1017-0.1711i
35.3	0.3520-0.5953i	0.3749+0.2145i	0.4831-0.1657i	0.4061-0.1889i	0.0557-0.1201i	0.0214-0.1237i	0.0086-0.1944i	0.1037-0.1839i
35.4	0.3319-0.6138i	0.3936+0.2237i	0.4864-0.1761i	0.4069-0.1940i	0.0537-0.1280i	0.0175-0.1318i	-0.0002-0.2046i	0.1026-0.1992i
35.5	0.3081-0.6238i	0.4054+0.2274i	0.4921-0.1862i	0.4086-0.1960i	0.0518-0.1329i	0.0148-0.1360i	-0.0073-0.2098i	0.1023-0.2077i
35.6	0.2870-0.6378i	0.4209+0.2339i	0.4961-0.1972i	0.4115-0.1960i	0.0474-0.1396i	0.0093-0.1422i	-0.0188-0.2165i	0.0983-0.2192i
35.7	0.2640-0.6445i	0.4349+0.2387i	0.4934-0.2086i	0.4168-0.1936i	0.0434-0.1455i	0.0039-0.1478i	-0.0297-0.2228i	0.0922-0.2309i
35.8	0.2361-0.6575i	0.4511+0.2407i	0.4910-0.2197i	0.4190-0.1972i	0.0384-0.1513i	-0.0020-0.1534i	-0.0428-0.2282i	0.0875-0.2429i
35.9	0.2059-0.6675i	0.4707+0.2415i	0.4909-0.2297i	0.4152-0.2044i	0.0317-0.1555i	-0.0097-0.1565i	-0.0578-0.2296i	0.0808-0.2521i
36.0	0.1782-0.6649i	0.4889+0.2387i	0.4881-0.2397i	0.4159-0.2062i	0.0255-0.1592i	-0.0176-0.1591i	-0.0704-0.2293i	0.0732-0.2615i
36.1	0.1416-0.6654i	0.5114+0.2344i	0.4863-0.2617i	0.4166-0.2051i	0.0173-0.1633i	-0.0270-0.1618i	-0.0870-0.2285i	0.0628-0.2715i
36.2	0.1047-0.6582i	0.5289+0.2227i	0.4791-0.2714i	0.4157-0.2061i	0.0106-0.1681i	-0.0354-0.1641i	-0.1021-0.2269i	0.0544-0.2833i
36.3	0.0816-0.6554i	0.5382+0.2224i	0.4733-0.2823i	0.4223-0.2083i	0.0068-0.1712i	-0.0407-0.1658i	-0.1117-0.2257i	0.0489-0.2910i
36.4	0.0481-0.6462i	0.5649+0.2132i	0.4659-0.2986i	0.4245-0.2130i	-0.0028-0.1731i	-0.0519-0.1666i	-0.1295-0.2205i	0.0333-0.3012i
36.5	0.0213-0.6265i	0.5868+0.1956i	0.4542-0.3084i	0.4305-0.2168i	-0.0109-0.1732i	-0.0600-0.1647i	-0.1426-0.2118i	0.0211-0.3082i
36.6	-0.0099-0.6147i	0.5989+0.1888i	0.4397-0.3153i	0.4325-0.2232i	-0.0197-0.1752i	-0.0686-0.1650i	-0.1558-0.2064i	0.0088-0.3173i
36.7	-0.0351-0.5901i	0.6066+0.1728i	0.4200-0.3235i	0.4411-0.2269i	-0.0272-0.1737i	-0.0761-0.1620i	-0.1685-0.1954i	-0.0012-0.3213i
36.8	-0.0478-0.5747i	0.6140+0.1563i	0.4085-0.3244i	0.4434-0.2360i	-0.0309-0.1726i	-0.0788-0.1589i	-0.1749-0.1853i	-0.0039-0.3235i
36.9	-0.0529-0.5487i	0.6183+0.1360i	0.3925-0.3184i	0.4449-0.2376i	-0.0353-0.1716i	-0.0824-0.1565i	-0.1790-0.1725i	-0.0126-0.3311i
37.0	-0.0575-0.5229i	0.6200+0.1273i	0.3853-0.3086i	0.4514-0.2505i	-0.0382-0.1689i	-0.0853-0.1526i	-0.1819-0.1614i	-0.0185-0.3331i
37.1	-0.0653-0.5177i	0.6237+0.1242i	0.3885-0.3054i	0.4505-0.2617i	-0.0393-0.1713i	-0.0869-0.1534i	-0.1852-0.1546i	-0.0202-0.3451i

37.2	-0.0805-0.5132i	0.6307+0.1147i	0.3884-0.3098i	0.4417-0.2712i	-0.0422-0.1775i	-0.0900-0.1575i	-0.1896-0.1474i	-0.0255-0.3671i
37.3	-0.0963-0.5037i	0.6396+0.1111i	0.3835-0.3115i	0.4360-0.2741i	-0.0478-0.1827i	-0.0956-0.1618i	-0.1948-0.1415i	-0.0377-0.3870i
37.4	-0.1037-0.4859i	0.6393+0.1023i	0.3752-0.3152i	0.4301-0.2751i	-0.0518-0.1857i	-0.0995-0.1637i	-0.1966-0.1317i	-0.0483-0.4051i
37.5	-0.1141-0.4693i	0.6537+0.0979i	0.3689-0.3263i	0.4351-0.2707i	-0.0630-0.1906i	-0.1098-0.1674i	-0.2026-0.1208i	-0.0767-0.4287i
37.6	-0.1260-0.4635i	0.6647+0.0942i	0.3545-0.3337i	0.4518-0.2692i	-0.0718-0.1959i	-0.1187-0.1705i	-0.2048-0.1132i	-0.1007-0.4480i
37.7	-0.1411-0.4440i	0.6731+0.0842i	0.3278-0.3359i	0.4678-0.2780i	-0.0832-0.1969i	-0.1297-0.1700i	-0.2040-0.0976i	-0.1361-0.4635i
37.8	-0.1597-0.4285i	0.6860+0.0709i	0.3090-0.3276i	0.4781-0.2962i	-0.0954-0.1972i	-0.1413-0.1684i	-0.2036-0.0861i	-0.1748-0.4718i
37.9	-0.1811-0.4122i	0.6918+0.0632i	0.2851-0.2878i	0.4830-0.3363i	-0.1115-0.1990i	-0.1564-0.1683i	-0.1915-0.0748i	-0.2354-0.4869i
38.0	-0.1847-0.3843i	0.6987+0.0526i	0.2893-0.2586i	0.4629-0.3624i	-0.1217-0.1924i	-0.1653-0.1605i	-0.1800-0.0711i	-0.2746-0.4683i
38.1	-0.1914-0.3465i	0.7122+0.0348i	0.3138-0.2387i	0.4346-0.3736i	-0.1375-0.1871i	-0.1812-0.1533i	-0.1744-0.0741i	-0.3290-0.4427i
38.2	-0.1889-0.3167i	0.7141+0.0240i	0.3428-0.2256i	0.4068-0.3743i	-0.1462-0.1808i	-0.1879-0.1458i	-0.1637-0.0772i	-0.3634-0.4188i
38.3	-0.1850-0.3023i	0.7198+0.0224i	0.3663-0.2281i	0.3958-0.3671i	-0.1531-0.1757i	-0.1937-0.1399i	-0.1567-0.0861i	-0.3905-0.3935i
38.4	-0.1856-0.2956i	0.7378+0.0139i	0.3891-0.2462i	0.3892-0.3587i	-0.1623-0.1746i	-0.2038-0.1373i	-0.1566-0.1028i	-0.4199-0.3711i
38.5	-0.1832-0.2910i	0.7469+0.0034i	0.3973-0.2775i	0.3905-0.3455i	-0.1689-0.1716i	-0.2096-0.1331i	-0.1549-0.1145i	-0.4406-0.3462i
38.6	-0.1931-0.2859i	0.7580-0.0029i	0.3873-0.3007i	0.3936-0.3490i	-0.1783-0.1674i	-0.2173-0.1281i	-0.1662-0.1277i	-0.4584-0.3178i
38.7	-0.2051-0.2641i	0.7840-0.0227i	0.3771-0.3132i	0.3962-0.3501i	-0.1950-0.1633i	-0.2315-0.1219i	-0.1886-0.1445i	-0.4821-0.2864i
38.8	-0.2142-0.2377i	0.7939-0.0456i	0.3634-0.3154i	0.3954-0.3584i	-0.2071-0.1554i	-0.2424-0.1121i	-0.2080-0.1526i	-0.4950-0.2483i
38.9	-0.2283-0.2152i	0.8060-0.0637i	0.3548-0.3198i	0.3993-0.3657i	-0.2188-0.1484i	-0.2525-0.1034i	-0.2311-0.1576i	-0.5048-0.2179i
39.0	-0.2304-0.1835i	0.8143-0.0954i	0.3428-0.3207i	0.3972-0.3753i	-0.2322-0.1344i	-0.2631-0.0876i	-0.2617-0.1521i	-0.5100-0.1773i
39.1	-0.2236-0.1581i	0.8196-0.1198i	0.3342-0.3198i	0.3923-0.3770i	-0.2412-0.1195i	-0.2700-0.0731i	-0.2856-0.1379i	-0.5102-0.1459i
39.2	-0.2164-0.1316i	0.8281-0.1569i	0.3319-0.3164i	0.3945-0.3857i	-0.2500-0.1032i	-0.2758-0.0574i	-0.3095-0.1181i	-0.5082-0.1166i
39.3	-0.2125-0.1080i	0.8277-0.1875i	0.3283-0.3208i	0.3900-0.4019i	-0.2573-0.0886i	-0.2809-0.0425i	-0.3288-0.0970i	-0.5074-0.0904i
39.4	-0.2116-0.0817i	0.8276-0.2196i	0.3186-0.3276i	0.3782-0.4122i	-0.2658-0.0715i	-0.2870-0.0250i	-0.3483-0.0711i	-0.5093-0.0623i
39.5	-0.2024-0.0536i	0.8161-0.2475i	0.3181-0.3282i	0.3676-0.4071i	-0.2695-0.0527i	-0.2883-0.0067i	-0.3615-0.0417i	-0.5044-0.0349i
39.6	-0.1840-0.0217i	0.8025-0.2738i	0.3155-0.3322i	0.3612-0.4022i	-0.2699-0.0347i	-0.2868+0.0105i	-0.3652-0.0113i	-0.4988-0.0113i
39.7	-0.1643+0.0127i	0.7952-0.3094i	0.2995-0.3360i	0.3559-0.4028i	-0.2714-0.0121i	-0.2862+0.0318i	-0.3642+0.0258i	-0.4973+0.0206i
39.8	-0.1416+0.0243i	0.7734-0.3338i	0.2924-0.3294i	0.3502-0.4113i	-0.2626+0.0065i	-0.2765+0.0489i	-0.3495+0.0486i	-0.4829+0.0544i
39.9	-0.1136+0.0406i	0.7480-0.3550i	0.2903-0.3318i	0.3408-0.4208i	-0.2513+0.0239i	-0.2623+0.0659i	-0.3374+0.0729i	-0.4562+0.0800i
40.0	-0.0884+0.0549i	0.7219-0.3744i	0.2801-0.3357i	0.3359-0.4162i	-0.2428+0.0401i	-0.2529+0.0820i	-0.3286+0.0972i	-0.4358+0.1030i
40.1	-0.0685+0.0656i	0.7043-0.3945i	0.2774-0.3282i	0.3311-0.4184i	-0.2347+0.0532i	-0.2443+0.0942i	-0.3211+0.1158i	-0.4180+0.1205i
40.2	-0.0410+0.0656i	0.6759-0.3986i	0.2768-0.3255i	0.3214-0.4177i	-0.2199+0.0585i	-0.2281+0.0977i	-0.3009+0.1266i	-0.3912+0.1247i
40.3	-0.0254+0.0637i	0.6546-0.3908i	0.2723-0.3213i	0.3149-0.4139i	-0.2109+0.0581i	-0.2183+0.0966i	-0.2887+0.1285i	-0.3747+0.1205i
40.4	-0.0076+0.0660i	0.6312-0.3897i	0.2603-0.3181i	0.3038-0.4060i	-0.2023+0.0620i	-0.2093+0.1002i	-0.2749+0.1367i	-0.3621+0.1236i
40.5	0.0044+0.0711i	0.6206-0.3953i	0.2578-0.3207i	0.3021-0.3998i	-0.1992+0.0691i	-0.2052+0.1063i	-0.2694+0.1470i	-0.3552+0.1356i
40.6	0.0112+0.0764i	0.6112-0.4016i	0.2474-0.3210i	0.2951-0.3982i	-0.1958+0.0752i	-0.2002+0.1106i	-0.2632+0.1580i	-0.3469+0.1400i
40.7	0.0335+0.0802i	0.6031-0.4059i	0.2425-0.3153i	0.3028-0.3907i	-0.1887+0.0830i	-0.1927+0.1162i	-0.2499+0.1705i	-0.3380+0.1465i
40.8	0.0552+0.0870i	0.5882-0.4133i	0.2422-0.3116i	0.3059-0.3935i	-0.1792+0.0891i	-0.1838+0.1218i	-0.2351+0.1799i	-0.3251+0.1570i
40.9	0.0691+0.0867i	0.5715-0.4204i	0.2405-0.3128i	0.3069-0.3928i	-0.1729+0.0910i	-0.1770+0.1237i	-0.2267+0.1826i	-0.3126+0.1602i
41.0	0.0843+0.0889i	0.5611-0.4211i	0.2334-0.3087i	0.3203-0.3915i	-0.1672+0.0937i	-0.1706+0.1256i	-0.2176+0.1907i	-0.3022+0.1604i
41.1	0.1017+0.0902i	0.5394-0.4212i	0.2157-0.3009i	0.3276-0.3924i	-0.1556+0.0982i	-0.1593+0.1274i	-0.1929+0.1987i	-0.2909+0.1613i
41.2	0.1192+0.0846i	0.5247-0.4309i	0.2204-0.2903i	0.3141-0.4131i	-0.1472+0.1022i	-0.1515+0.1309i	-0.1806+0.2004i	-0.2803+0.1699i
41.3	0.1384+0.0769i	0.5042-0.4244i	0.2112-0.2873i	0.2969-0.4092i	-0.1385+0.1020i	-0.1416+0.1297i	-0.1684+0.1977i	-0.2646+0.1705i
41.4	0.1508+0.0702i	0.4930-0.4111i	0.2094-0.2854i	0.2998-0.3895i	-0.1327+0.0968i	-0.1357+0.1233i	-0.1615+0.1912i	-0.2542+0.1605i
41.5	0.1586+0.0707i	0.4872-0.4194i	0.2054-0.2787i	0.3250-0.4025i	-0.1281+0.1000i	-0.1329+0.1258i	-0.1521+0.2028i	-0.2503+0.1592i
41.6	0.1698+0.0602i	0.4756-0.4056i	0.1975-0.2552i	0.3315-0.4140i	-0.1205+0.0973i	-0.1260+0.1228i	-0.1334+0.1998i	-0.2465+0.1518i
41.7	0.1749+0.0490i	0.4719-0.4004i	0.1886-0.2464i	0.3463-0.4229i	-0.1184+0.0952i	-0.1247+0.1207i	-0.1237+0.1935i	-0.2516+0.1474i
41.8	0.1947+0.0365i	0.4630-0.3920i	0.1981-0.2299i	0.3362-0.4357i	-0.1160+0.0926i	-0.1229+0.1181i	-0.1130+0.1842i	-0.2542+0.1486i
41.9	0.1978+0.0324i	0.4643-0.3752i	0.2212-0.2198i	0.3230-0.4330i	-0.1167+0.0858i	-0.1236+0.1103i	-0.1105+0.1695i	-0.2596+0.1436i
42.0	0.2060+0.0317i	0.4650-0.3882i	0.2374-0.2342i	0.3339-0.4405i	-0.1199+0.0926i	-0.1271+0.1174i	-0.1145+0.1738i	-0.2661+0.1614i
42.1	0.2101+0.0280i	0.4547-0.3946i	0.2247-0.2444i	0.3404-0.4476i	-0.1175+0.0967i	-0.1241+0.1221i	-0.1093+0.1745i	-0.2646+0.1732i
42.2	0.2205+0.0215i	0.4449-0.3878i	0.2111-0.2353i	0.3432-0.4680i	-0.1119+0.0969i	-0.1200+0.1234i	-0.1023+0.1649i	-0.2567+0.1853i
42.3	0.2269+0.0206i	0.4462-0.3924i	0.2382-0.2167i	0.3402-0.4891i	-0.1130+0.0987i	-0.1219+0.1260i	-0.1099+0.1645i	-0.2522+0.1932i
42.4	0.2279+0.0169i	0.4459-0.4041i	0.2559-0.2198i	0.3250-0.5177i	-0.1137+0.1054i	-0.1219+0.1350i	-0.1120+0.1777i	-0.2505+0.2039i
42.5	0.2307+0.0091i	0.4282-0.4091i	0.2563-0.2427i	0.2990-0.5256i	-0.1083+0.1096i	-0.1149+0.1400i	-0.1012+0.1823i	-0.2393+0.2127i
42.6	0.2399+0.0038i	0.4250-0.4088i	0.2452-0.2537i	0.2943-0.5351i	-0.1056+0.1129i	-0.1115+0.1442i	-0.0958+0.1848i	-0.2375+0.2216i
42.7	0.2554+0.0005i	0.3935-0.3962i	0.2193-0.2501i	0.2700-0.5352i	-0.0942+0.1130i	-0.0982+0.1445i	-0.0735+0.1823i	-0.2205+0.2260i
42.8	0.2548-0.0193i	0.4013-0.3625i	0.2189-0.2154i	0.2694-0.5207i	-0.0937+0.1032i	-0.0976+0.1336i	-0.0714+0.1571i	-0.2211+0.2191i
42.9	0.2578-0.0106i	0.4368-0.3786i	0.2539-0.2190i	0.2844-0.5479i	-0.1036+0.1112i	-0.1074+0.1418i	-0.0921+0.1567i	-0.2294+0.2433i
43.0	0.2618-0.0056i	0.4289-0.4126i	0.2666-0.2381i	0.2694-0.5803i	-0.0998+0.1260i	-0.1030+0.1583i	-0.0980+0.1732i	-0.2106+0.2736i
43.1	0.2694-0.0119i	0.4130-0.4295i	0.2698-0.2537i	0.2372-0.6015i	-0.0903+0.1343i	-0.0912+0.1683i	-0.0956+0.1847i	-0.1800+0.2893i
43.2	0.2767-0.0220i	0.3806-0.4267i	0.2469-0.2790i	0.2023-0.5877i	-0.0794+0.1338i	-0.0762+0.1675i	-0.0829+0.1894i	-0.1535+0.2812i
43.3	0.2846-0.0426i	0.3620-0.3998i	0.2244-0.2860i	0.1888-0.5440i	-0.0731+0.1253i	-0.0681+0.1573i	-0.0760+0.1802i	-0.1396+0.2629i
43.4	0.2807-0.0592i	0.3749-0.3773i	0.2154-0.2754i	0.2119-0.5258i	-0.0770+0.1182i	-0.0719+0.1483i	-0.0883+0.1741i	-0.1411+0.2464i

43.5	0.2832−0.0583i	0.4009−0.3858i	0.2213−0.2717i	0.2380−0.5350i	−0.0854+0.1221i	−0.0807+0.1514i	−0.1051+0.1874i	−0.1512+0.2465i
43.6	0.2916−0.0515i	0.3974−0.4280i	0.2192−0.2858i	0.2332−0.5969i	−0.0838+0.1392i	−0.0778+0.1700i	−0.0981+0.2180i	−0.1480+0.2709i
43.7	0.3076−0.0617i	0.3459−0.4554i	0.1963−0.3172i	0.1804−0.6292i	−0.0667+0.1532i	−0.0572+0.1845i	−0.0685+0.2422i	−0.1213+0.2886i
43.8	0.3104−0.0765i	0.3156−0.4442i	0.1426−0.3234i	0.1676−0.6100i	−0.0544+0.1528i	−0.0419+0.1831i	−0.0458+0.2434i	−0.1029+0.2871i
43.9	0.3070−0.0971i	0.2851−0.4190i	0.0932−0.2961i	0.1529−0.6096i	−0.0417+0.1480i	−0.0272+0.1751i	−0.0220+0.2346i	−0.0826+0.2771i
44.0	0.3009−0.1111i	0.2708−0.3920i	0.0673−0.2387i	0.1290−0.6384i	−0.0333+0.1412i	−0.0168+0.1667i	−0.0091+0.2182i	−0.0639+0.2717i
44.1	0.2795−0.1188i	0.2824−0.3721i	0.0871−0.1872i	0.1037−0.6422i	−0.0343+0.1359i	−0.0189+0.1581i	−0.0175+0.2129i	−0.0593+0.2532i
44.2	0.2707−0.1211i	0.2732−0.3920i	0.0841−0.1620i	0.0890−0.6862i	−0.0315+0.1463i	−0.0154+0.1674i	−0.0047+0.2331i	−0.0632+0.2649i
44.3	0.2753−0.1296i	0.2471−0.3751i	0.1210−0.1485i	0.0028−0.6655i	−0.0171+0.1451i	0.0003+0.1651i	0.0176+0.2247i	−0.0401+0.2677i
44.4	0.2672−0.1270i	0.2421−0.3400i	0.1379−0.1900i	−0.0335−0.5632i	−0.0111+0.1335i	0.0065+0.1502i	0.0220+0.2127i	−0.0256+0.2401i
44.5	0.2584−0.1280i	0.2510−0.3212i	0.0980−0.1826i	−0.0054−0.5408i	−0.0077+0.1303i	0.0102+0.1444i	0.0342+0.2129i	−0.0260+0.2287i
44.6	0.2591−0.1348i	0.2396−0.3013i	0.0893−0.1415i	−0.0215−0.5463i	0.0012+0.1271i	0.0197+0.1391i	0.0547+0.2075i	−0.0170+0.2208i
44.7	0.2456−0.1320i	0.2576−0.2797i	0.0860−0.1282i	−0.0124−0.5129i	0.0030+0.1193i	0.0203+0.1312i	0.0642+0.1912i	−0.0219+0.2120i
44.8	0.2356−0.1259i	0.2678−0.2656i	0.0585−0.1256i	0.0244−0.4831i	0.0034+0.1145i	0.0199+0.1254i	0.0657+0.1799i	−0.0216+0.2057i
44.9	0.2320−0.1134i	0.2897−0.2543i	0.0287−0.0894i	0.0805−0.4809i	−0.0003+0.1070i	0.0140+0.1164i	0.0653+0.1627i	−0.0345+0.1969i
45.0	0.2337−0.1061i	0.2966−0.2780i	0.0465+0.0020i	0.0666−0.5768i	0.0010+0.1110i	0.0152+0.1215i	0.0687+0.1564i	−0.0340+0.2151i
45.1	0.2355−0.1092i	0.2919−0.2794i	0.0727+0.0559i	0.0193−0.6270i	0.0063+0.1099i	0.0216+0.1196i	0.0695+0.1455i	−0.0153+0.2187i
45.2	0.2351−0.1188i	0.2991−0.2923i	0.1104+0.0496i	0.0031−0.6288i	0.0052+0.1098i	0.0197+0.1203i	0.0616+0.1512i	−0.0119+0.2136i
45.3	0.2365−0.1132i	0.2874−0.2762i	0.1248+0.0475i	−0.0346−0.6315i	0.0111+0.1109i	0.0260+0.1203i	0.0745+0.1533i	−0.0025+0.2143i
45.4	0.2182−0.1139i	0.2750−0.2468i	0.1204+0.0328i	−0.0614−0.5608i	0.0154+0.1080i	0.0315+0.1143i	0.0839+0.1406i	0.0011+0.2117i
45.5	0.2272−0.1074i	0.2845−0.2245i	0.1635+0.1025i	−0.0827−0.5746i	0.0161+0.0973i	0.0329+0.0997i	0.0801+0.1134i	0.0084+0.1980i
45.6	0.2360−0.0990i	0.3034−0.2382i	0.2052+0.0962i	−0.1320−0.5866i	0.0103+0.0960i	0.0286+0.0988i	0.0720+0.1109i	0.0016+0.1944i
45.7	0.2536−0.0960i	0.2925−0.2697i	0.2582+0.1337i	−0.2266−0.6043i	0.0165+0.0899i	0.0366+0.0893i	0.0816+0.0879i	0.0134+0.1908i
45.8	0.2488−0.0991i	0.2976−0.2525i	0.2887+0.2242i	−0.2148−0.6126i	0.0197+0.0852i	0.0372+0.0827i	0.0744+0.0788i	0.0255+0.1810i
45.9	0.2362−0.1004i	0.2943−0.2409i	0.3175+0.2377i	−0.2476−0.6453i	0.0194+0.0858i	0.0375+0.0843i	0.0682+0.0874i	0.0312+0.1740i
46.0	0.2392−0.0969i	0.3097−0.2491i	0.4170+0.2137i	−0.3531−0.6197i	0.0197+0.0781i	0.0400+0.0752i	0.0737+0.0801i	0.0290+0.1536i
46.1	0.2417−0.1059i	0.3141−0.2378i	0.4564+0.0886i	−0.3756−0.4562i	0.0120+0.0758i	0.0313+0.0699i	0.0683+0.0715i	0.0112+0.1526i
46.2	0.2498−0.0895i	0.3247−0.2242i	0.4635+0.0788i	−0.3547−0.3979i	0.0075+0.0780i	0.0278+0.0691i	0.0596+0.0589i	0.0006+0.1694i
46.3	0.2471−0.0970i	0.3307−0.2289i	0.4480+0.1450i	−0.3049−0.4369i	0.0118+0.0783i	0.0313+0.0673i	0.0532+0.0464i	0.0185+0.1782i
46.4	0.2681−0.1104i	0.3515−0.2326i	0.5730+0.0984i	−0.3872−0.3800i	0.0111+0.0703i	0.0287+0.0579i	0.0304+0.0440i	0.0351+0.1590i
46.5	0.2827−0.1138i	0.3549−0.2422i	0.5674−0.0542i	−0.3672−0.2137i	0.0035+0.0739i	0.0200+0.0549i	0.0098+0.0575i	0.0275+0.1509i
46.6	0.2660−0.1183i	0.3498−0.2435i	0.5116−0.0245i	−0.3080−0.2166i	0.0024+0.0770i	0.0166+0.0539i	0.0083+0.0642i	0.0247+0.1446i
46.7	0.2507−0.1211i	0.3655−0.2302i	0.5341+0.0605i	−0.2842−0.2740i	0.0011+0.0721i	0.0119+0.0484i	0.0052+0.0583i	0.0148+0.1342i
46.8	0.2402−0.1230i	0.3790−0.2475i	0.6237+0.0018i	−0.3248−0.2326i	−0.0041+0.0783i	0.0019+0.0532i	−0.0109+0.0687i	0.0083+0.1413i
46.9	0.2309−0.1217i	0.3684−0.2698i	0.6739−0.1126i	−0.3505−0.1527i	−0.0039+0.0875i	−0.0016+0.0614i	−0.0185+0.0860i	0.0144+0.1501i
47.0	0.2368−0.1162i	0.3725−0.2813i	0.6067−0.1726i	−0.2914−0.1090i	−0.0015+0.0890i	−0.0016+0.0633i	−0.0191+0.0992i	0.0166+0.1403i
47.1	0.2399−0.1131i	0.3689−0.2811i	0.5477−0.1935i	−0.2127−0.1028i	0.0036+0.0938i	−0.0008+0.0683i	−0.0051+0.1183i	0.0134+0.1375i
47.2	0.2208−0.1061i	0.3464−0.2907i	0.5495−0.1480i	−0.2179−0.1904i	0.0122+0.1013i	0.0053+0.0769i	0.0179+0.1254i	0.0173+0.1517i
47.3	0.2116−0.1016i	0.3362−0.2875i	0.5671−0.0973i	−0.2731−0.2229i	0.0199+0.0984i	0.0124+0.0743i	0.0313+0.1149i	0.0259+0.1542i
47.4	0.1994−0.1006i	0.3208−0.2693i	0.5902−0.0797i	−0.3015−0.1876i	0.0257+0.0908i	0.0169+0.0683i	0.0384+0.1025i	0.0357+0.1489i
47.5	0.1975−0.0871i	0.3320−0.2467i	0.5674−0.1556i	−0.2587−0.0934i	0.0260+0.0840i	0.0160+0.0630i	0.0347+0.0965i	0.0394+0.1381i
47.6	0.1972−0.0811i	0.3377−0.2395i	0.5966−0.3073i	−0.2468+0.0526i	0.0231+0.0831i	0.0082+0.0619i	0.0202+0.1045i	0.0390+0.1284i
47.7	0.1931−0.0620i	0.3342−0.2464i	0.5034−0.3100i	−0.1626+0.0449i	0.0213+0.0826i	0.0053+0.0636i	0.0211+0.1114i	0.0318+0.1223i
47.8	0.2026−0.0483i	0.3336−0.2654i	0.4560−0.2981i	−0.1016+0.0148i	0.0241+0.0857i	0.0065+0.0699i	0.0345+0.1230i	0.0261+0.1228i
47.9	0.2250−0.0292i	0.3135−0.2833i	0.4800−0.2937i	−0.0949−0.0001i	0.0287+0.0857i	0.0118+0.0720i	0.0465+0.1175i	0.0331+0.1277i
48.0	0.2547−0.0242i	0.2976−0.2780i	0.4772−0.3117i	−0.0876+0.0291i	0.0370+0.0880i	0.0179+0.0743i	0.0542+0.1273i	0.0446+0.1280i
48.1	0.2490−0.0405i	0.3088−0.2558i	0.4456−0.2549i	−0.0769−0.0204i	0.0370+0.0807i	0.0197+0.0701i	0.0674+0.1168i	0.0354+0.1187i
48.2	0.2396−0.0392i	0.3224−0.2576i	0.4641−0.2489i	−0.0966−0.0344i	0.0332+0.0772i	0.0182+0.0670i	0.0639+0.1017i	0.0282+0.1177i
48.3	0.2474−0.0377i	0.3171−0.2488i	0.4349−0.2690i	−0.0634−0.0214i	0.0385+0.0760i	0.0233+0.0653i	0.0731+0.0987i	0.0362+0.1197i
48.4	0.2576−0.0321i	0.3307−0.2584i	0.4596−0.2295i	−0.0721−0.0540i	0.0389+0.0721i	0.0237+0.0624i	0.0730+0.0849i	0.0390+0.1219i
48.5	0.2651−0.0297i	0.3239−0.2392i	0.4589−0.2223i	−0.0715−0.0465i	0.0374+0.0676i	0.0240+0.0583i	0.0649+0.0791i	0.0411+0.1131i
48.6	0.2716−0.0302i	0.3214−0.2312i	0.4794−0.2634i	−0.0751+0.0039i	0.0394+0.0658i	0.0239+0.0558i	0.0662+0.0816i	0.0415+0.1060i
48.7	0.2650−0.0126i	0.3412−0.2259i	0.4663−0.2750i	−0.0610+0.0423i	0.0378+0.0676i	0.0215+0.0567i	0.0645+0.0846i	0.0336+0.1147i
48.8	0.2760−0.0010i	0.3442−0.2432i	0.4096−0.2589i	0.0013+0.0126i	0.0378+0.0681i	0.0209+0.0580i	0.0679+0.0846i	0.0330+0.1152i
48.9	0.2809−0.0014i	0.3314−0.2480i	0.3892−0.2251i	0.0151−0.0268i	0.0381+0.0662i	0.0226+0.0564i	0.0725+0.0756i	0.0308+0.1149i
49.0	0.2874−0.0144i	0.3293−0.2349i	0.4053−0.1833i	0.0033−0.0509i	0.0385+0.0618i	0.0235+0.0513i	0.0717+0.0617i	0.0304+0.1122i
49.1	0.3022−0.0169i	0.3277−0.2335i	0.4355−0.1573i	−0.0235−0.0678i	0.0376+0.0623i	0.0227+0.0510i	0.0687+0.0594i	0.0299+0.1145i
49.2	0.3082−0.0333i	0.3219−0.2462i	0.4655−0.1928i	−0.0578−0.0683i	0.0379+0.0597i	0.0247+0.0491i	0.0678+0.0527i	0.0360+0.1097i
49.3	0.3330−0.0365i	0.3476−0.2603i	0.5298−0.2449i	−0.0293−0.0239i	0.0424+0.0574i	0.0287+0.0462i	0.0695+0.0488i	0.0579+0.1028i
49.4	0.3295−0.0158i	0.3370−0.2501i	0.5121−0.2399i	−0.0258+0.0256i	0.0398+0.0608i	0.0251+0.0478i	0.0606+0.0581i	0.0492+0.1066i
49.5	0.3024−0.0065i	0.2959−0.2534i	0.4241−0.2137i	−0.0655+0.0021i	0.0334+0.0625i	0.0195+0.0483i	0.0488+0.0593i	0.0213+0.1092i
49.6	0.3434+0.0100i	0.3356−0.2484i	0.4886−0.1673i	−0.0147+0.0064i	0.0388+0.0661i	0.0230+0.0509i	0.0598+0.0601i	0.0381+0.1229i
49.7	0.3474−0.0066i	0.3282−0.2304i	0.5111−0.2038i	−0.0351+0.0222i	0.0386+0.0625i	0.0219+0.0483i	0.0528+0.0593i	0.0399+0.1161i

49.8	0.3619-0.0032i	0.3471-0.2362i	0.5087-0.2644i	-0.0016+0.0637i	0.0382+0.0624i	0.0203+0.0493i	0.0484+0.0643i	0.0417+0.1095i
49.9	0.3789+0.0028i	0.3612-0.2452i	0.4803-0.2853i	0.0768+0.0275i	0.0428+0.0630i	0.0244+0.0517i	0.0630+0.0668i	0.0505+0.1042i
50.0	0.3794-0.0106i	0.3281-0.2448i	0.4860-0.2289i	0.0409+0.0055i	0.0483+0.0653i	0.0296+0.0516i	0.0700+0.0593i	0.0535+0.1155i
50.1	0.4051-0.0222i	0.3313-0.2660i	0.5286-0.2489i	0.0384+0.0187i	0.0540+0.0645i	0.0335+0.0499i	0.0747+0.0587i	0.0706+0.1164i
50.2	0.4024-0.0202i	0.3400-0.2687i	0.5038-0.2526i	0.0677+0.0323i	0.0526+0.0619i	0.0304+0.0476i	0.0725+0.0598i	0.0669+0.1107i
50.3	0.4056-0.0458i	0.3465-0.2313i	0.4654-0.2424i	0.1035+0.0179i	0.0534+0.0529i	0.0307+0.0408i	0.0758+0.0496i	0.0602+0.0999i
50.4	0.3937-0.0732i	0.3281-0.2266i	0.4614-0.2264i	0.0991-0.0165i	0.0511+0.0469i	0.0303+0.0351i	0.0746+0.0360i	0.0568+0.0940i
50.5	0.3890-0.0830i	0.3306-0.2251i	0.4990-0.2494i	0.0751-0.0027i	0.0500+0.0449i	0.0281+0.0327i	0.0684+0.0324i	0.0603+0.0895i
50.6	0.4115-0.0855i	0.3191-0.2167i	0.5050-0.2635i	0.0773+0.0031i	0.0559+0.0458i	0.0329+0.0348i	0.0735+0.0347i	0.0705+0.0927i
50.7	0.4260-0.0917i	0.3173-0.2104i	0.5182-0.2416i	0.0710-0.0103i	0.0599+0.0445i	0.0367+0.0314i	0.0755+0.0285i	0.0813+0.0912i
50.8	0.4142-0.1012i	0.3235-0.2143i	0.5383-0.2547i	0.0563-0.0051i	0.0565+0.0400i	0.0338+0.0279i	0.0675+0.0250i	0.0796+0.0828i
50.9	0.4274-0.1106i	0.3122-0.2024i	0.5796-0.2690i	0.0419-0.0010i	0.0631+0.0372i	0.0378+0.0266i	0.0701+0.0260i	0.0909+0.0754i
51.0	0.4209-0.1095i	0.3204-0.1809i	0.5652-0.2646i	0.0478+0.0053i	0.0618+0.0329i	0.0372+0.0233i	0.0713+0.0228i	0.0866+0.0676i
51.1	0.3961-0.1120i	0.3699-0.1960i	0.5498-0.2777i	0.0968+0.0395i	0.0492+0.0315i	0.0257+0.0194i	0.0591+0.0177i	0.0691+0.0676i
51.2	0.3987-0.1174i	0.3654-0.2000i	0.5306-0.3089i	0.1270+0.0374i	0.0507+0.0305i	0.0251+0.0205i	0.0577+0.0211i	0.0699+0.0632i
51.3	0.4007-0.1190i	0.3706-0.1916i	0.5098-0.2942i	0.1335+0.0217i	0.0502+0.0282i	0.0250+0.0192i	0.0598+0.0196i	0.0676+0.0585i
51.4	0.3966-0.1239i	0.3758-0.1854i	0.5117-0.2951i	0.1217+0.0159i	0.0485+0.0284i	0.0243+0.0188i	0.0585+0.0190i	0.0627+0.0580i
51.5	0.3832-0.1322i	0.3777-0.1940i	0.5352-0.2739i	0.1037+0.0050i	0.0450+0.0286i	0.0214+0.0164i	0.0552+0.0111i	0.0603+0.0626i
51.6	0.3891-0.1069i	0.3818-0.1947i	0.5612-0.3197i	0.0778+0.0523i	0.0470+0.0294i	0.0196+0.0179i	0.0442+0.0102i	0.0677+0.0610i
51.7	0.3758-0.1099i	0.3921-0.1821i	0.5288-0.3382i	0.1106+0.0561i	0.0458+0.0255i	0.0190+0.0153i	0.0412+0.0088i	0.0658+0.0542i
51.8	0.3760-0.1171i	0.4078-0.1777i	0.5052-0.3074i	0.1331+0.0629i	0.0408+0.0219i	0.0141+0.0110i	0.0350+0.0044i	0.0595+0.0490i
51.9	0.3903-0.1045i	0.4095-0.2076i	0.5433-0.3172i	0.1287+0.0656i	0.0378+0.0282i	0.0104+0.0181i	0.0256+0.0165i	0.0606+0.0582i
52.0	0.3970-0.0969i	0.4114-0.2041i	0.5510-0.3551i	0.1316+0.0881i	0.0406+0.0267i	0.0121+0.0177i	0.0242+0.0225i	0.0685+0.0502i
52.1	0.4027-0.0946i	0.4212-0.2000i	0.5374-0.3405i	0.1407+0.0657i	0.0401+0.0242i	0.0106+0.0159i	0.0239+0.0198i	0.0662+0.0462i
52.2	0.4088-0.1111i	0.4256-0.1948i	0.5412-0.3521i	0.1472+0.0517i	0.0378+0.0222i	0.0085+0.0138i	0.0228+0.0174i	0.0623+0.0414i
52.3	0.3972-0.1050i	0.4356-0.2043i	0.5255-0.3665i	0.1611+0.0514i	0.0323+0.0235i	0.0063+0.0158i	0.0196+0.0247i	0.0535+0.0394i
52.4	0.4162-0.0964i	0.4182-0.2122i	0.5635-0.3446i	0.1327+0.0433i	0.0383+0.0274i	0.0114+0.0174i	0.0260+0.0277i	0.0621+0.0440i
52.5	0.4167-0.1036i	0.4289-0.2014i	0.5517-0.3843i	0.1428+0.0898i	0.0390+0.0247i	0.0109+0.0151i	0.0252+0.0287i	0.0623+0.0348i
52.6	0.4004-0.1096i	0.4508-0.1964i	0.5059-0.3880i	0.1726+0.1018i	0.0328+0.0215i	0.0072+0.0132i	0.0223+0.0265i	0.0504+0.0310i
52.7	0.3976-0.1212i	0.4670-0.1865i	0.5000-0.3631i	0.1841+0.0851i	0.0265+0.0173i	0.0016+0.0084i	0.0164+0.0167i	0.0389+0.0259i
52.8	0.3954-0.1212i	0.4672-0.1956i	0.5293-0.4006i	0.1771+0.1033i	0.0244+0.0191i	-0.0027+0.0087i	0.0047+0.0180i	0.0377+0.0266i
52.9	0.3844-0.1196i	0.4774-0.2100i	0.5071-0.4451i	0.1976+0.1213i	0.0221+0.0210i	-0.0060+0.0101i	0.0021+0.0278i	0.0351+0.0215i
53.0	0.3699-0.1012i	0.4823-0.2253i	0.4670-0.4494i	0.2317+0.1197i	0.0182+0.0254i	-0.0102+0.0151i	0.0025+0.0371i	0.0263+0.0257i
53.1	0.3839-0.1034i	0.4736-0.2219i	0.4462-0.4632i	0.2408+0.1298i	0.0200+0.0272i	-0.0075+0.0179i	0.0079+0.0429i	0.0249+0.0287i
53.2	0.3896-0.0984i	0.4684-0.2308i	0.4058-0.4427i	0.2769+0.1165i	0.0192+0.0302i	-0.0072+0.0200i	0.0105+0.0446i	0.0215+0.0333i
53.3	0.3972-0.0749i	0.4770-0.2382i	0.3762-0.3793i	0.3114+0.0824i	0.0207+0.0308i	-0.0075+0.0220i	0.0107+0.0413i	0.0231+0.0390i
53.4	0.3982-0.0735i	0.4721-0.2381i	0.3892-0.3381i	0.3051+0.0594i	0.0201+0.0328i	-0.0093+0.0224i	0.0074+0.0457i	0.0247+0.0390i
53.5	0.4200-0.0725i	0.4498-0.2405i	0.4201-0.3210i	0.2837+0.0443i	0.0239+0.0371i	-0.0066+0.0255i	0.0149+0.0561i	0.0231+0.0391i
53.6	0.4415-0.0836i	0.4436-0.2395i	0.4212-0.3250i	0.2878+0.0374i	0.0285+0.0353i	-0.0020+0.0243i	0.0292+0.0522i	0.0243+0.0399i
53.7	0.4422-0.1040i	0.4631-0.2287i	0.4475-0.3222i	0.2920+0.0345i	0.0272+0.0306i	-0.0033+0.0198i	0.0263+0.0408i	0.0257+0.0380i
53.8	0.4363-0.1063i	0.4680-0.2337i	0.4791-0.3382i	0.2665+0.0375i	0.0279+0.0298i	-0.0043+0.0203i	0.0188+0.0420i	0.0286+0.0352i
53.9	0.4349-0.1107i	0.4633-0.2352i	0.4620-0.3602i	0.2675+0.0512i	0.0307+0.0299i	-0.0024+0.0215i	0.0254+0.0465i	0.0275+0.0334i
54.0	0.4208-0.0980i	0.4753-0.2334i	0.4247-0.3528i	0.2831+0.0479i	0.0296+0.0323i	-0.0041+0.0218i	0.0294+0.0453i	0.0190+0.0370i
54.1	0.4184-0.0886i	0.4915-0.2352i	0.4149-0.3205i	0.2860+0.0260i	0.0255+0.0326i	-0.0077+0.0205i	0.0227+0.0381i	0.0152+0.0420i
54.2	0.4329-0.0828i	0.4864-0.2379i	0.4764-0.3137i	0.2602+0.0187i	0.0250+0.0344i	-0.0084+0.0231i	0.0116+0.0404i	0.0256+0.0432i
54.3	0.4296-0.0651i	0.4739-0.2255i	0.4744-0.3629i	0.2629+0.0644i	0.0258+0.0326i	-0.0092+0.0243i	0.0106+0.0514i	0.0206+0.0370i
54.4	0.4314-0.0583i	0.4848-0.2352i	0.4715-0.3643i	0.2818+0.0600i	0.0238+0.0316i	-0.0094+0.0251i	0.0122+0.0539i	0.0144+0.0365i
54.5	0.4338-0.0679i	0.5082-0.2489i	0.4528-0.3460i	0.2995+0.0475i	0.0182+0.0322i	-0.0137+0.0246i	0.0082+0.0540i	0.0075+0.0361i
54.6	0.4550-0.0559i	0.5081-0.2393i	0.4341-0.3280i	0.3218+0.0429i	0.0213+0.0325i	-0.0078+0.0244i	0.0213+0.0522i	0.0134+0.0364i
54.7	0.4655-0.0580i	0.5021-0.2422i	0.4679-0.3235i	0.2898+0.0294i	0.0245+0.0346i	-0.0045+0.0258i	0.0251+0.0544i	0.0204+0.0385i
54.8	0.4648-0.0581i	0.5150-0.2520i	0.4920-0.3662i	0.2822+0.0715i	0.0238+0.0370i	-0.0058+0.0279i	0.0225+0.0626i	0.0147+0.0372i
54.9	0.4734-0.0580i	0.5128-0.2561i	0.4647-0.3851i	0.3030+0.1004i	0.0209+0.0383i	-0.0072+0.0290i	0.0239+0.0665i	0.0078+0.0362i
55.0	0.4809-0.0578i	0.5032-0.2578i	0.4192-0.3696i	0.3300+0.0911i	0.0232+0.0393i	-0.0049+0.0285i	0.0336+0.0646i	0.0091+0.0396i
55.1	0.4901-0.0639i	0.5120-0.2633i	0.4255-0.3570i	0.3403+0.0762i	0.0241+0.0410i	-0.0057+0.0282i	0.0351+0.0627i	0.0064+0.0450i
55.2	0.4982-0.0624i	0.5239-0.2643i	0.4252-0.3351i	0.3645+0.0757i	0.0218+0.0413i	-0.0089+0.0272i	0.0332+0.0585i	0.0033+0.0451i
55.3	0.5017-0.0593i	0.5265-0.2537i	0.4239-0.3122i	0.3711+0.0756i	0.0217+0.0390i	-0.0097+0.0250i	0.0345+0.0525i	0.0013+0.0464i
55.4	0.5170-0.0549i	0.5275-0.2658i	0.4424-0.2950i	0.3767+0.0575i	0.0248+0.0406i	-0.0073+0.0261i	0.0385+0.0507i	0.0046+0.0479i
55.5	0.5195-0.0536i	0.5348-0.2769i	0.4814-0.3037i	0.3670+0.0594i	0.0237+0.0463i	-0.0096+0.0313i	0.0314+0.0616i	0.0066+0.0545i
55.6	0.5230-0.0511i	0.5461-0.2693i	0.4642-0.3128i	0.3871+0.0549i	0.0203+0.0482i	-0.0131+0.0331i	0.0304+0.0654i	-0.0012+0.0538i
55.7	0.5278-0.0556i	0.5339-0.2774i	0.4486-0.3014i	0.4012+0.0416i	0.0245+0.0478i	-0.0099+0.0333i	0.0391+0.0639i	-0.0018+0.0562i
55.8	0.5198-0.0581i	0.5382-0.2891i	0.4443-0.3019i	0.3931+0.0374i	0.0243+0.0476i	-0.0113+0.0326i	0.0402+0.0614i	-0.0046+0.0583i
55.9	0.5285-0.0619i	0.5386-0.2791i	0.4659-0.2809i	0.3943+0.0275i	0.0275+0.0469i	-0.0090+0.0317i	0.0457+0.0568i	0.0005+0.0589i
56.0	0.5445-0.0651i	0.5440-0.2748i	0.4903-0.2670i	0.3893+0.0203i	0.0285+0.0481i	-0.0094+0.0320i	0.0443+0.0553i	-0.0006+0.0644i

56.1	0.5594−0.0601i	0.5489−0.2752i	0.5021−0.3094i	0.3878+0.0446i	0.0305+0.0480i	−0.0082+0.0322i	0.0470+0.0547i	0.0037+0.0637i
56.2	0.5558−0.0585i	0.5522−0.2773i	0.4941−0.3012i	0.4080+0.0346i	0.0318+0.0486i	−0.0065+0.0335i	0.0478+0.0571i	0.0067+0.0651i
56.3	0.5504−0.0545i	0.5515−0.2780i	0.4850−0.2894i	0.4056+0.0160i	0.0306+0.0513i	−0.0069+0.0347i	0.0449+0.0581i	0.0074+0.0720i
56.4	0.5556−0.0555i	0.5615−0.2860i	0.4934−0.2835i	0.4084+0.0065i	0.0263+0.0523i	−0.0121+0.0351i	0.0370+0.0539i	0.0005+0.0735i
56.5	0.5760−0.0592i	0.5563−0.2884i	0.5235−0.2634i	0.4118+0.0109i	0.0297+0.0566i	−0.0091+0.0391i	0.0397+0.0581i	0.0056+0.0771i
56.6	0.5824−0.0555i	0.5608−0.2935i	0.5257−0.2527i	0.4067+0.0148i	0.0336+0.0581i	−0.0054+0.0400i	0.0446+0.0620i	0.0143+0.0806i
56.7	0.5839−0.0547i	0.5606−0.2969i	0.5309−0.2527i	0.4086+0.0020i	0.0357+0.0594i	−0.0045+0.0407i	0.0470+0.0631i	0.0159+0.0807i
56.8	0.5841−0.0607i	0.5582−0.3007i	0.5382−0.2508i	0.4111+0.0015i	0.0342+0.0567i	−0.0056+0.0388i	0.0456+0.0577i	0.0110+0.0765i
56.9	0.5992−0.0662i	0.5566−0.3035i	0.5514−0.2581i	0.4089−0.0008i	0.0375+0.0538i	−0.0030+0.0359i	0.0502+0.0535i	0.0149+0.0721i
57.0	0.6065−0.0615i	0.5587−0.2964i	0.5727−0.2477i	0.3938−0.0073i	0.0396+0.0581i	−0.0024+0.0392i	0.0533+0.0585i	0.0188+0.0785i
57.1	0.6004−0.0521i	0.5733−0.3043i	0.6028−0.2354i	0.3662+0.0036i	0.0378+0.0624i	−0.0043+0.0427i	0.0506+0.0641i	0.0174+0.0864i
57.2	0.6088−0.0466i	0.5866−0.3081i	0.6268−0.2568i	0.3565+0.0322i	0.0386+0.0617i	−0.0043+0.0420i	0.0497+0.0631i	0.0210+0.0867i
57.3	0.6304−0.0562i	0.5920−0.3152i	0.5895−0.2961i	0.3949+0.0403i	0.0453+0.0579i	0.0011+0.0391i	0.0578+0.0582i	0.0292+0.0801i
57.4	0.6321−0.0461i	0.5880−0.3195i	0.5907−0.2847i	0.4069+0.0461i	0.0464+0.0612i	0.0036+0.0416i	0.0623+0.0631i	0.0317+0.0881i
57.5	0.6330−0.0453i	0.5905−0.3114i	0.6162−0.2661i	0.4051+0.0407i	0.0482+0.0652i	0.0060+0.0448i	0.0644+0.0701i	0.0355+0.0956i
57.6	0.6526−0.0447i	0.5893−0.3238i	0.6234−0.2742i	0.3944+0.0375i	0.0556+0.0714i	0.0107+0.0497i	0.0728+0.0758i	0.0461+0.0965i
57.7	0.6598−0.0452i	0.5964−0.3234i	0.6393−0.2723i	0.3959+0.0471i	0.0540+0.0731i	0.0085+0.0510i	0.0711+0.0759i	0.0457+0.0976i
57.8	0.6692−0.0358i	0.6070−0.3185i	0.6634−0.2675i	0.3975+0.0500i	0.0633+0.0736i	0.0173+0.0508i	0.0852+0.0781i	0.0590+0.0973i
57.9	0.6879−0.0445i	0.6145−0.3320i	0.6702−0.2708i	0.3934+0.0694i	0.0642+0.0709i	0.0183+0.0468i	0.0868+0.0708i	0.0597+0.0924i
58.0	0.7046−0.0391i	0.6156−0.3514i	0.6887−0.2680i	0.4010+0.0947i	0.0725+0.0719i	0.0260+0.0465i	0.1005+0.0715i	0.0708+0.0950i
58.1	0.7086−0.0228i	0.6166−0.3654i	0.6974−0.2738i	0.4191+0.0821i	0.0776+0.0778i	0.0286+0.0498i	0.1083+0.0783i	0.0767+0.1020i
58.2	0.7198−0.0251i	0.6205−0.3746i	0.7151−0.2736i	0.4244+0.0906i	0.0859+0.0782i	0.0356+0.0494i	0.1234+0.0748i	0.0865+0.0988i
58.3	0.7348−0.0163i	0.6341−0.3724i	0.7248−0.2920i	0.4158+0.1088i	0.0919+0.0743i	0.0403+0.0440i	0.1330+0.0582i	0.0960+0.0931i
58.4	0.7473−0.0189i	0.6340−0.3709i	0.7425−0.3031i	0.4284+0.1147i	0.0960+0.0734i	0.0421+0.0424i	0.1330+0.0552i	0.1017+0.0933i
58.5	0.7621−0.0139i	0.6324−0.3766i	0.7687−0.3189i	0.4379+0.1393i	0.1042+0.0672i	0.0482+0.0355i	0.1379+0.0453i	0.1141+0.0825i
58.6	0.7862−0.0214i	0.6260−0.3965i	0.7635−0.3364i	0.4463+0.1629i	0.1133+0.0554i	0.0547+0.0231i	0.1458+0.0256i	0.1231+0.0634i
58.7	0.7965−0.0063i	0.6267−0.3910i	0.7734−0.3477i	0.4652+0.1827i	0.1214+0.0514i	0.0627+0.0172i	0.1601+0.0169i	0.1388+0.0538i
58.8	0.8204−0.0189i	0.6348−0.4008i	0.7780−0.3483i	0.4918+0.1989i	0.1257+0.0412i	0.0643+0.0049i	0.1643−0.0022i	0.1470+0.0337i
58.9	0.8586−0.0252i	0.6304−0.4116i	0.7945−0.3545i	0.4963+0.2091i	0.1343+0.0319i	0.0689−0.0055i	0.1716−0.0182i	0.1563+0.0183i
59.0	0.8815−0.0335i	0.6133−0.4150i	0.8128−0.3780i	0.5327+0.2273i	0.1379+0.0166i	0.0689−0.0210i	0.1701−0.0443i	0.1564−0.0080i
59.1	0.9084−0.0333i	0.6074−0.4255i	0.8334−0.4018i	0.5578+0.2373i	0.1402−0.0034i	0.0665−0.0419i	0.1667−0.0806i	0.1541−0.0446i
59.2	0.9114−0.0469i	0.6075−0.4202i	0.8572−0.3974i	0.5734+0.2256i	0.1423−0.0107i	0.0655−0.0493i	0.1626−0.0933i	0.1573−0.0511i
59.3	0.9471−0.0433i	0.6164−0.4374i	0.8719−0.4218i	0.5949+0.2247i	0.1413−0.0270i	0.0604−0.0629i	0.1562−0.1145i	0.1501−0.0766i
59.4	0.9649−0.0653i	0.6037−0.4356i	0.8615−0.4311i	0.6186+0.2236i	0.1356−0.0420i	0.0506−0.0748i	0.1438−0.1344i	0.1340−0.1000i
59.5	0.9943−0.0937i	0.6001−0.4242i	0.8906−0.4495i	0.6510+0.2196i	0.1197−0.0609i	0.0324−0.0940i	0.1136−0.1644i	0.1031−0.1281i
59.6	1.0098−0.1141i	0.5947−0.4248i	0.9076−0.4744i	0.6666+0.2209i	0.1093−0.0731i	0.0191−0.1048i	0.0902−0.1817i	0.0827−0.1439i
59.7	1.0278−0.1326i	0.5914−0.4193i	0.9228−0.4884i	0.6770+0.2069i	0.0961−0.0874i	0.0027−0.1176i	0.0620−0.1996i	0.0590−0.1612i
59.8	1.0484−0.1616i	0.5948−0.4139i	0.9148−0.5123i	0.7091+0.2030i	0.0709−0.0951i	−0.0269−0.1206i	0.0154−0.2032i	0.0194−0.1676i
59.9	1.0615−0.0804i	0.5864−0.2763i	0.9835−0.4965i	0.7724+0.1832i	0.0551−0.0913i	−0.0440−0.1133i	−0.0200−0.1889i	−0.0044−0.1536i
60.0	1.1076−0.5567i	0.5918−0.8005i	0.7133−0.6876i	0.6112+0.1627i	0.0117−0.0997i	−0.0906−0.1158i	−0.0749−0.2035i	−0.0802−0.1896i
60.1	1.1564−0.4019i	0.6622−0.5803i	0.8523−0.6955i	0.6735+0.1625i	−0.0041−0.0992i	−0.1062−0.1158i	−0.1061−0.2000i	−0.0996−0.1761i
60.2	1.0885−0.2682i	0.6104−0.3809i	0.9356−0.6224i	0.7560+0.1719i	−0.0119−0.0825i	−0.1146−0.0969i	−0.1317−0.1674i	−0.1185−0.1397i
60.3	1.0681−0.2878i	0.6157−0.3887i	0.9256−0.6521i	0.7723+0.1878i	−0.0234−0.0672i	−0.1267−0.0775i	−0.1498−0.1333i	−0.1322−0.1121i
60.4	1.0655−0.2930i	0.6109−0.3786i	0.9206−0.6684i	0.7769+0.1907i	−0.0300−0.0587i	−0.1338−0.0659i	−0.1596−0.1121i	−0.1368−0.0982i
60.5	1.0831−0.2962i	0.6245−0.3789i	0.9295−0.6921i	0.7936+0.2060i	−0.0391−0.0452i	−0.1443−0.0516i	−0.1769−0.0847i	−0.1477−0.0839i
60.6	1.0733−0.3095i	0.6286−0.3808i	0.9406−0.7434i	0.7929+0.2396i	−0.0516−0.0333i	−0.1555−0.0387i	−0.1965−0.0611i	−0.1658−0.0627i
60.7	1.0450−0.3219i	0.6291−0.3808i	0.8930−0.7722i	0.8313+0.2362i	−0.0572−0.0198i	−0.1611−0.0212i	−0.2022−0.0293i	−0.1803−0.0369i
60.8	1.0423−0.3323i	0.6323−0.3804i	0.8572−0.7799i	0.8795+0.2352i	−0.0603−0.0022i	−0.1635−0.0025i	−0.2018+0.0041i	−0.1865−0.0104i
60.9	1.0493−0.3318i	0.6330−0.3868i	0.8412−0.8054i	0.8922+0.2387i	−0.0609+0.0152i	−0.1640+0.0171i	−0.2021+0.0394i	−0.1869+0.0169i
61.0	1.0566−0.3367i	0.6456−0.3920i	0.8195−0.8313i	0.9207+0.2514i	−0.0616+0.0306i	−0.1637+0.0349i	−0.2009+0.0709i	−0.1884+0.0389i
61.1	1.0690−0.3331i	0.6441−0.3783i	0.7955−0.8377i	0.9501+0.2419i	−0.0507+0.0383i	−0.1531+0.0444i	−0.1828+0.0850i	−0.1749+0.0518i
61.2	1.0695−0.3399i	0.6641−0.3809i	0.7711−0.7996i	1.0061+0.2084i	−0.0363+0.0570i	−0.1394+0.0635i	−0.1510+0.1131i	−0.1578+0.0822i
61.3	1.0794−0.3405i	0.6549−0.3535i	0.7393−0.7795i	1.0151+0.2106i	−0.0345+0.0643i	−0.1373+0.0703i	−0.1419+0.1249i	−0.1557+0.0943i
61.4	1.0856−0.3293i	0.6400−0.3510i	0.7140−0.7917i	1.0373+0.2045i	−0.0262+0.0674i	−0.1302+0.0738i	−0.1265+0.1290i	−0.1455+0.0970i
61.5	1.0904−0.3382i	0.6608−0.3523i	0.6909−0.7945i	1.1037+0.1869i	−0.0210+0.0796i	−0.1245+0.0866i	−0.1120+0.1513i	−0.1376+0.1126i
61.6	1.1042−0.3356i	0.6724−0.3551i	0.6903−0.7769i	1.1242+0.1766i	−0.0181+0.0839i	−0.1202+0.0905i	−0.1035+0.1559i	−0.1342+0.1228i
61.7	1.1242−0.3131i	0.6718−0.3608i	0.6887−0.7380i	1.1463+0.1401i	−0.0073+0.0872i	−0.1076+0.0938i	−0.0833+0.1575i	−0.1186+0.1286i
61.8	1.1477−0.3262i	0.6855−0.3567i	0.6832−0.7454i	1.1922+0.1248i	0.0000+0.0928i	−0.0993+0.1001i	−0.0708+0.1674i	−0.1123+0.1407i
61.9	1.1495−0.3386i	0.6975−0.3467i	0.6805−0.7326i	1.1893+0.1213i	−0.0005+0.0994i	−0.0992+0.1061i	−0.0741+0.1746i	−0.1095+0.1525i
62.0	1.1783−0.3377i	0.7078−0.3366i	0.6853−0.7136i	1.2071+0.1203i	0.0061+0.1036i	−0.0955+0.1103i	−0.0623+0.1817i	−0.0989+0.1594i
62.1	1.2046−0.3362i	0.7224−0.3205i	0.6877−0.7048i	1.2168+0.1099i	0.0125+0.1009i	−0.0915+0.1088i	−0.0522+0.1797i	−0.0900+0.1555i
62.2	1.2129−0.3432i	0.7326−0.3144i	0.6960−0.6817i	1.2366+0.0913i	0.0216+0.0968i	−0.0846+0.1062i	−0.0382+0.1756i	−0.0818+0.1527i
62.3	1.2314−0.3622i	0.7574−0.3092i	0.7404−0.6629i	1.2529+0.0573i	0.0242+0.1013i	−0.0828+0.1097i	−0.0339+0.1824i	−0.0774+0.1624i

62.4	1.2436-0.3943i	0.7679-0.3204i	0.7522-0.6872i	1.2729+0.0338i	0.0265+0.1058i	-0.0787+0.1167i	-0.0275+0.1899i	-0.0694+0.1696i
62.5	1.2846-0.4130i	0.8110-0.3220i	0.7874-0.7154i	1.2863+0.0154i	0.0264+0.1019i	-0.0804+0.1147i	-0.0303+0.1833i	-0.0778+0.1670i
62.6	1.3047-0.4126i	0.8422-0.3183i	0.7964-0.6918i	1.3083-0.0027i	0.0250+0.1022i	-0.0835+0.1145i	-0.0308+0.1850i	-0.0820+0.1668i
62.7	1.3329-0.4077i	0.8244-0.3147i	0.8143-0.6686i	1.3220+0.0045i	0.0391+0.1044i	-0.0713+0.1162i	-0.0107+0.1895i	-0.0610+0.1671i
62.8	1.3490-0.4111i	0.8217-0.3297i	0.8020-0.6811i	1.3623+0.0003i	0.0440+0.1023i	-0.0643+0.1138i	-0.0009+0.1907i	-0.0530+0.1619i
62.9	1.3522-0.4369i	0.8334-0.3315i	0.8099-0.6977i	1.3864-0.0018i	0.0490+0.1060i	-0.0629+0.1188i	0.0086+0.1996i	-0.0482+0.1642i
63.0	1.3699-0.4593i	0.8550-0.3276i	0.8229-0.7136i	1.3976-0.0048i	0.0483+0.1073i	-0.0663+0.1221i	0.0078+0.2039i	-0.0536+0.1682i
63.1	1.4013-0.4683i	0.8848-0.3049i	0.8167-0.7105i	1.4424-0.0239i	0.0486+0.1046i	-0.0680+0.1206i	0.0116+0.2019i	-0.0586+0.1684i
63.2	1.4302-0.4780i	0.8974-0.3087i	0.8288-0.7227i	1.4602-0.0196i	0.0597+0.1069i	-0.0557+0.1235i	0.0336+0.2058i	-0.0437+0.1684i
63.3	1.4450-0.5081i	0.9294-0.3324i	0.8532-0.7479i	1.4704-0.0341i	0.0634+0.1103i	-0.0502+0.1266i	0.0416+0.2100i	-0.0410+0.1700i
63.4	1.4670-0.5231i	0.9574-0.3453i	0.8672-0.7641i	1.5051-0.0490i	0.0662+0.1142i	-0.0499+0.1316i	0.0478+0.2185i	-0.0380+0.1785i
63.5	1.5290-0.5443i	1.0000-0.3489i	0.8821-0.7677i	1.5617-0.0590i	0.0706+0.1174i	-0.0510+0.1356i	0.0538+0.2253i	-0.0392+0.1877i
63.6	1.5408-0.5868i	1.0251-0.3466i	0.8739-0.7875i	1.6012-0.0836i	0.0719+0.1206i	-0.0487+0.1402i	0.0645+0.2292i	-0.0454+0.1947i
63.7	1.5570-0.5728i	1.0382-0.3302i	0.8697-0.7733i	1.6406-0.0934i	0.0788+0.1203i	-0.0427+0.1391i	0.0784+0.2272i	-0.0412+0.1938i
63.8	1.5845-0.5686i	1.0592-0.3347i	0.8937-0.7598i	1.6687-0.1202i	0.0838+0.1120i	-0.0399+0.1324i	0.0884+0.2107i	-0.0387+0.1847i
63.9	1.6453-0.6195i	1.1132-0.3531i	0.9308-0.7652i	1.7314-0.1575i	0.0859+0.1219i	-0.0430+0.1407i	0.0986+0.2201i	-0.0387+0.2037i
64.0	1.6576-0.6704i	1.1054-0.3682i	0.8928-0.7835i	1.7658-0.1920i	0.0913+0.1243i	-0.0369+0.1446i	0.1093+0.2213i	-0.0331+0.2181i
64.1	1.6633-0.6809i	1.1118-0.3863i	0.9015-0.7752i	1.7830-0.2246i	0.0993+0.1194i	-0.0294+0.1428i	0.1227+0.2120i	-0.0225+0.2104i
64.2	1.6770-0.6849i	1.1524-0.4002i	0.9206-0.7725i	1.8133-0.2651i	0.1075+0.1172i	-0.0240+0.1395i	0.1370+0.2055i	-0.0179+0.2076i
64.3	1.6986-0.7257i	1.1639-0.4043i	0.9272-0.7910i	1.8397-0.2942i	0.1113+0.1174i	-0.0230+0.1414i	0.1402+0.2045i	-0.0195+0.2190i
64.4	1.7281-0.7228i	1.1698-0.4051i	0.9409-0.7647i	1.8696-0.2829i	0.1138+0.1108i	-0.0211+0.1345i	0.1465+0.1894i	-0.0170+0.2126i
64.5	1.7783-0.7866i	1.2228-0.4129i	0.9719-0.7918i	1.9411-0.3369i	0.1186+0.1087i	-0.0197+0.1349i	0.1532+0.1845i	-0.0168+0.2154i
64.6	1.8061-0.8393i	1.2526-0.4442i	0.9752-0.8102i	1.9704-0.3676i	0.1235+0.1052i	-0.0173+0.1335i	0.1625+0.1774i	-0.0115+0.2100i
64.7	1.8151-0.8754i	1.2635-0.4529i	0.9585-0.8131i	2.0161-0.4238i	0.1269+0.1070i	-0.0124+0.1355i	0.1676+0.1720i	-0.0066+0.2188i
64.8	1.8244-0.8925i	1.2868-0.4565i	0.9875-0.7880i	2.0464-0.4785i	0.1374+0.1049i	-0.0059+0.1313i	0.1806+0.1663i	0.0106+0.2200i
64.9	1.8695-0.9178i	1.3256-0.4661i	1.0243-0.8046i	2.0813-0.5039i	0.1366+0.1067i	-0.0128+0.1344i	0.1757+0.1664i	0.0057+0.2299i
65.0	1.9006-0.9436i	1.3504-0.4718i	1.0410-0.8028i	2.1030-0.5288i	0.1364+0.1052i	-0.0131+0.1371i	0.1768+0.1631i	0.0033+0.2364i
65.1	1.8992-0.9983i	1.3660-0.5073i	1.0433-0.8195i	2.1101-0.5995i	0.1428+0.0978i	-0.0087+0.1324i	0.1889+0.1488i	0.0052+0.2328i
65.2	1.9585-1.0616i	1.4030-0.5330i	1.0717-0.8176i	2.1727-0.6586i	0.1424+0.0973i	-0.0111+0.1314i	0.1859+0.1381i	0.0039+0.2374i
65.3	1.9771-1.0729i	1.4400-0.5485i	1.1046-0.8182i	2.1850-0.6852i	0.1457+0.0940i	-0.0103+0.1305i	0.1895+0.1334i	0.0124+0.2413i
65.4	1.9824-1.1140i	1.4776-0.5711i	1.1266-0.8196i	2.2220-0.7558i	0.1471+0.1007i	-0.0140+0.1379i	0.1822+0.1418i	0.0168+0.2592i
65.5	2.0098-1.1730i	1.5030-0.5804i	1.1385-0.8391i	2.2599-0.8332i	0.1484+0.1004i	-0.0168+0.1438i	0.1781+0.1426i	0.0175+0.2701i
65.6	2.0402-1.2282i	1.5312-0.6201i	1.1618-0.8606i	2.2900-0.8996i	0.1501+0.1003i	-0.0169+0.1481i	0.1810+0.1415i	0.0205+0.2724i
65.7	2.0789-1.2509i	1.5890-0.6704i	1.2250-0.8638i	2.3473-0.9406i	0.1601+0.1060i	-0.0110+0.1530i	0.1932+0.1466i	0.0338+0.2815i
65.8	2.0760-1.3067i	1.6059-0.6764i	1.2485-0.8702i	2.3422-0.9905i	0.1646+0.1076i	-0.0105+0.1540i	0.1960+0.1474i	0.0367+0.2845i
65.9	2.1037-1.3682i	1.6064-0.7352i	1.2703-0.9019i	2.3346-1.0623i	0.1658+0.1017i	-0.0097+0.1548i	0.1988+0.1377i	0.0434+0.2866i
66.0	2.1765-1.3972i	1.6673-0.7540i	1.3513-0.9059i	2.3906-1.0987i	0.1719+0.1025i	-0.0107+0.1575i	0.2036+0.1348i	0.0387+0.2928i
66.1	2.1614-1.4544i	1.6968-0.7676i	1.3877-0.9288i	2.3784-1.1805i	0.1788+0.1027i	-0.0068+0.1607i	0.2128+0.1319i	0.0504+0.2947i
66.2	2.2646-1.4829i	1.7572-0.7585i	1.4770-0.9481i	2.4706-1.2156i	0.1777+0.1116i	-0.0139+0.1670i	0.2102+0.1428i	0.0431+0.3129i
66.3	2.2375-1.5806i	1.7595-0.8080i	1.4692-0.9739i	2.4920-1.2955i	0.1943+0.1183i	0.0009+0.1800i	0.2281+0.1540i	0.0721+0.3317i
66.4	2.2701-1.6312i	1.7628-0.8799i	1.5223-0.9788i	2.4761-1.3434i	0.1898+0.1015i	-0.0053+0.1698i	0.2202+0.1275i	0.0600+0.3206i
66.5	2.3355-1.6869i	1.8243-0.9103i	1.5841-1.0629i	2.4992-1.3879i	0.1967+0.0992i	-0.0038+0.1691i	0.2252+0.1190i	0.0656+0.3286i
66.6	2.4037-1.7984i	1.9017-0.9333i	1.6364-1.1324i	2.5872-1.4962i	0.2017+0.1104i	-0.0034+0.1904i	0.2311+0.1397i	0.0762+0.3637i
66.7	2.4358-1.9635i	1.9982-1.0336i	1.6895-1.2129i	2.6307-1.6387i	0.2186+0.1251i	0.0074+0.2129i	0.2487+0.1622i	0.1104+0.4069i
66.8	2.4660-2.0174i	2.0133-1.0966i	1.7290-1.2436i	2.6325-1.7217i	0.2317+0.1127i	0.0168+0.2054i	0.2668+0.1419i	0.1222+0.3907i
66.9	2.5357-2.0717i	2.0424-1.1293i	1.8083-1.2621i	2.6722-1.7905i	0.2420+0.1090i	0.0209+0.2014i	0.2774+0.1257i	0.1340+0.3863i
67.0	2.5935-2.2286i	2.1100-1.1704i	1.8817-1.3661i	2.7262-1.8807i	0.2458+0.1064i	0.0188+0.2088i	0.2733+0.1270i	0.1333+0.4042i
67.1	2.5840-2.2924i	2.1235-1.2025i	1.9171-1.4085i	2.7377-1.9559i	0.2527+0.1006i	0.0226+0.2110i	0.2816+0.1133i	0.1380+0.4081i
67.2	2.5877-2.4437i	2.1376-1.2890i	1.9609-1.4878i	2.7360-2.0911i	0.2591+0.1064i	0.0284+0.2251i	0.2857+0.1211i	0.1690+0.4306i
67.3	2.7584-2.5284i	2.2416-1.3078i	2.0466-1.5595i	2.8314-2.1421i	0.2590+0.1145i	0.0195+0.2360i	0.2772+0.1245i	0.1590+0.4648i
67.4	2.7269-2.7285i	2.3094-1.4504i	2.0945-1.6720i	2.8198-2.3420i	0.2779+0.1070i	0.0342+0.2421i	0.2928+0.1185i	0.1933+0.4646i
67.5	2.6486-2.9107i	2.3393-1.5791i	2.1155-1.8226i	2.8098-2.5105i	0.3029+0.1065i	0.0585+0.2536i	0.3200+0.1235i	0.2502+0.4715i
67.6	2.5881-3.0340i	2.3164-1.6688i	2.0846-1.9560i	2.7186-2.6446i	0.3146+0.0986i	0.0722+0.2537i	0.3274+0.1155i	0.2743+0.4777i
67.7	2.5756-3.2544i	2.3930-1.8041i	2.1197-2.0901i	2.7626-2.8571i	0.3342+0.0883i	0.0862+0.2588i	0.3482+0.1042i	0.3223+0.4898i
67.8	2.6460-3.4693i	2.4874-1.8809i	2.2258-2.1893i	2.8509-3.0005i	0.3449+0.0968i	0.0916+0.2790i	0.3598+0.1160i	0.3349+0.5218i
67.9	2.6898-3.6671i	2.5553-2.0058i	2.2705-2.3552i	2.9020-3.1511i	0.3454+0.0968i	0.0889+0.2948i	0.3490+0.1230i	0.3426+0.5430i
68.0	2.4806-3.8622i	2.5178-2.2146i	2.1729-2.5344i	2.7196-3.3784i	0.3680+0.0701i	0.1190+0.2910i	0.3767+0.0982i	0.4044+0.5221i
68.1	2.5072-4.0081i	2.5791-2.3071i	2.2427-2.5717i	2.7713-3.5019i	0.3831+0.0716i	0.1264+0.2979i	0.3814+0.0950i	0.4313+0.5357i
68.2	2.4053-4.1159i	2.5749-2.4064i	2.2032-2.7189i	2.7015-3.6516i	0.3990+0.0716i	0.1463+0.3047i	0.4018+0.0988i	0.4753+0.5419i
68.3	2.3406-4.3855i	2.5503-2.5962i	2.1706-2.9290i	2.6571-3.8487i	0.4235+0.0529i	0.1681+0.3081i	0.4279+0.0869i	0.5222+0.5338i
68.4	2.2002-4.7211i	2.5365-2.8595i	2.1371-3.1475i	2.5918-4.1611i	0.4420+0.0258i	0.1910+0.3084i	0.4446+0.0625i	0.5678+0.5218i
68.5	2.1982-4.8226i	2.5433-2.9442i	2.1506-3.2399i	2.5251-4.2654i	0.4511+0.0202i	0.1962+0.3038i	0.4453+0.0462i	0.5948+0.5368i
68.6	1.8981-4.8798i	2.4577-3.0575i	1.9997-3.3075i	2.2941-4.3676i	0.4585+0.0074i	0.2216+0.3022i	0.4511+0.0346i	0.6434+0.5085i

68.7	1.5835-5.2520i	2.4046-3.3331i	1.8731-3.6121i	2.1050-4.7662i	0.4913-0.0182i	0.2668+0.3107i	0.4818+0.0199i	0.7445+0.4841i
68.8	1.6183-5.4595i	2.4044-3.5070i	1.9216-3.7947i	2.1278-4.9635i	0.5076-0.0395i	0.2810+0.3034i	0.4980+0.0009i	0.7905+0.4688i
68.9	1.5216-5.6542i	2.3440-3.7361i	1.8392-3.9449i	2.0039-5.1686i	0.5231-0.0583i	0.3003+0.2946i	0.4964-0.0192i	0.8333+0.4375i
69.0	1.0684-5.5690i	2.1108-3.7964i	1.5622-3.9405i	1.6193-5.1427i	0.5253-0.0812i	0.3297+0.2738i	0.5097-0.0277i	0.8915+0.3688i
69.1	0.7384-5.5992i	1.8365-3.9218i	1.3140-4.0665i	1.2721-5.2203i	0.5153-0.1328i	0.3464+0.2376i	0.5078-0.0735i	0.9079+0.2871i
69.2	0.4210-5.8627i	1.7060-4.1327i	1.1624-4.3266i	0.9755-5.4868i	0.5469-0.1602i	0.3879+0.2317i	0.5429-0.0757i	0.9983+0.2339i
69.3	0.2631-5.9697i	1.6174-4.2642i	1.1586-4.3935i	0.7622-5.5872i	0.5784-0.1886i	0.4246+0.2141i	0.5865-0.0953i	1.0569+0.1754i
69.4	-0.3244-6.0303i	1.3905-4.5049i	0.8716-4.5687i	0.3172-5.6998i	0.6123-0.2390i	0.4878+0.1728i	0.6594-0.1427i	1.1401+0.0626i
69.5	-0.5929-6.0068i	1.2294-4.4930i	0.7005-4.5703i	0.0845-5.6200i	0.5934-0.2615i	0.4876+0.1489i	0.6499-0.1718i	1.1266+0.0201i
69.6	-0.9969-5.8299i	0.9180-4.5347i	0.3574-4.6230i	-0.3449-5.5274i	0.5508-0.3385i	0.4793+0.0807i	0.6193-0.2779i	1.0665-0.1218i
69.7	-1.2312-5.9748i	0.8053-4.7262i	0.2022-4.8122i	-0.5531-5.6771i	0.5639-0.3794i	0.5099+0.0535i	0.6457-0.3215i	1.1169-0.1923i
69.8	-1.7671-5.7156i	0.3521-4.9016i	-0.2707-4.8920i	-1.1131-5.5514i	0.5457-0.4884i	0.5277-0.0468i	0.6561-0.4582i	1.1009-0.4160i
69.9	-1.9599-5.6914i	0.2909-4.9648i	-0.3543-4.9426i	-1.2403-5.5017i	0.5401-0.5141i	0.5311-0.0723i	0.6430-0.4834i	1.1133-0.4676i
70.0	-1.9295-5.4703i	0.1949-4.7630i	-0.3843-4.7707i	-1.1982-5.2659i	0.4914-0.5079i	0.4905-0.0812i	0.5696-0.4881i	1.0281-0.4666i
70.1	-2.3354-5.2447i	-0.1239-4.7841i	-0.7146-4.7142i	-1.5708-5.1299i	0.4506-0.5665i	0.4768-0.1447i	0.5381-0.5601i	0.9821-0.5766i
70.2	-2.5796-5.1224i	-0.2753-4.9144i	-0.9391-4.7814i	-1.8211-5.0911i	0.4280-0.6141i	0.4743-0.1946i	0.5191-0.6145i	0.9617-0.6843i
70.3	-2.6048-5.0086i	-0.3683-4.8562i	-0.9785-4.7116i	-1.8698-4.9520i	0.3907-0.6111i	0.4455-0.2010i	0.4683-0.6011i	0.9094-0.7074i
70.4	-2.8054-4.6944i	-0.6822-4.7165i	-1.1869-4.5811i	-2.0834-4.7109i	0.3219-0.6346i	0.3952-0.2367i	0.3718-0.6399i	0.7892-0.7569i
70.5	-3.0989-4.6045i	-0.9314-4.7612i	-1.4673-4.6181i	-2.3737-4.6336i	0.2840-0.6684i	0.3832-0.2682i	0.3393-0.6777i	0.7456-0.8177i
70.6	-3.2961-4.2202i	-1.2103-4.6539i	-1.7096-4.4126i	-2.5524-4.3444i	0.2265-0.6820i	0.3487-0.3002i	0.2953-0.7084i	0.6482-0.8745i
70.7	-3.3129-3.9653i	-1.4277-4.4636i	-1.8896-4.2609i	-2.6430-4.1342i	0.1666-0.6819i	0.2986-0.3065i	0.2286-0.7274i	0.5325-0.8713i
70.8	-3.4837-3.8187i	-1.6421-4.4639i	-2.1196-4.2334i	-2.8287-3.9937i	0.1300-0.7038i	0.2768-0.3313i	0.1972-0.7456i	0.4708-0.9316i
70.9	-3.6637-3.5797i	-1.9495-4.3695i	-2.3857-4.1227i	-3.0426-3.7654i	0.0675-0.7074i	0.2371-0.3517i	0.1296-0.7601i	0.3784-0.9602i
71.0	-3.5683-3.2698i	-2.1069-4.1117i	-2.4913-3.8673i	-3.0286-3.5124i	0.0034-0.6758i	0.1829-0.3473i	0.0432-0.7468i	0.2664-0.9041i
71.1	-3.5924-3.1287i	-2.2263-3.9589i	-2.5904-3.7450i	-3.0561-3.3931i	-0.0274-0.6574i	0.1544-0.3362i	-0.0017-0.7335i	0.2140-0.8767i
71.2	-3.7206-3.0500i	-2.3636-3.9010i	-2.7711-3.6599i	-3.1937-3.2569i	-0.0623-0.6519i	0.1356-0.3322i	-0.0583-0.7084i	0.1860-0.8852i
71.3	-3.7104-2.8525i	-2.5060-3.7234i	-2.8611-3.4650i	-3.2027-3.0526i	-0.1043-0.6256i	0.1016-0.3230i	-0.1140-0.6690i	0.1268-0.8616i
71.4	-3.7369-2.4887i	-2.7068-3.5329i	-3.0325-3.2206i	-3.2347-2.7843i	-0.1486-0.6075i	0.0688-0.3250i	-0.1506-0.6610i	0.0266-0.8527i
71.5	-3.5839-2.3595i	-2.6598-3.1819i	-2.9649-2.9106i	-3.1260-2.6035i	-0.1677-0.5480i	0.0421-0.2876i	-0.2077-0.5895i	0.0070-0.7746i
71.6	-3.5997-2.3101i	-2.6952-3.1035i	-3.0185-2.8425i	-3.1498-2.5300i	-0.1776-0.5364i	0.0287-0.2787i	-0.2226-0.5702i	-0.0097-0.7545i
71.7	-3.6336-2.2844i	-2.6500-3.0013i	-3.0070-2.7750i	-3.1145-2.5007i	-0.1734-0.5120i	0.0333-0.2616i	-0.2187-0.5221i	0.0068-0.7227i
71.8	-3.5576-2.0331i	-2.7623-2.7831i	-3.1012-2.5472i	-3.0787-2.2880i	-0.2053-0.4875i	0.0083-0.2566i	-0.2445-0.5128i	-0.0733-0.6885i
71.9	-3.4909-1.8142i	-2.7727-2.5427i	-3.0825-2.2723i	-3.0411-2.1283i	-0.2238-0.4556i	-0.0107-0.2377i	-0.2700-0.4772i	-0.1133-0.6460i
72.0	-3.3935-1.6737i	-2.7896-2.3713i	-3.0361-2.0820i	-3.0190-2.0088i	-0.2401-0.4314i	-0.0232-0.2269i	-0.2987-0.4465i	-0.1332-0.6204i
72.1	-3.3246-1.6132i	-2.7321-2.2931i	-2.9787-1.9903i	-2.9620-1.9455i	-0.2398-0.4162i	-0.0237-0.2154i	-0.2914-0.4267i	-0.1399-0.6012i
72.2	-3.3291-1.4945i	-2.6544-2.1591i	-2.9196-1.8457i	-2.9543-1.8669i	-0.2270-0.3890i	-0.0150-0.2013i	-0.2671-0.3898i	-0.1268-0.5746i
72.3	-3.3180-1.3768i	-2.6952-2.0810i	-2.9533-1.7758i	-2.9810-1.7330i	-0.2396-0.3819i	-0.0260-0.2018i	-0.2601-0.3792i	-0.1688-0.5713i
72.4	-3.2160-1.3571i	-2.6233-1.9518i	-2.8718-1.6643i	-2.8823-1.6868i	-0.2460-0.3540i	-0.0389-0.1821i	-0.2837-0.3377i	-0.1780-0.5214i
72.5	-3.0774-1.3711i	-2.5400-1.8476i	-2.7232-1.5664i	-2.7893-1.6679i	-0.2474-0.3279i	-0.0480-0.1625i	-0.3185-0.3051i	-0.1653-0.4842i
72.6	-3.0258-1.3165i	-2.4746-1.7249i	-2.6462-1.4501i	-2.7644-1.6092i	-0.2394-0.3077i	-0.0413-0.1517i	-0.3096-0.2610i	-0.1524-0.4723i
72.7	-3.0329-1.2308i	-2.4768-1.6455i	-2.6879-1.3690i	-2.7760-1.5278i	-0.2429-0.2936i	-0.0407-0.1448i	-0.3056-0.2465i	-0.1640-0.4498i
72.8	-2.9467-1.0826i	-2.4403-1.5099i	-2.5558-1.2035i	-2.7683-1.4288i	-0.2475-0.2769i	-0.0489-0.1371i	-0.3201-0.2274i	-0.1731-0.4288i
72.9	-2.8813-1.0330i	-2.3776-1.4488i	-2.4474-1.1152i	-2.7128-1.3979i	-0.2381-0.2661i	-0.0476-0.1330i	-0.3072-0.2016i	-0.1624-0.4256i
73.0	-2.8075-1.0492i	-2.3132-1.4265i	-2.3443-1.1586i	-2.6797-1.4013i	-0.2317-0.2635i	-0.0482-0.1288i	-0.3045-0.1785i	-0.1587-0.4314i
73.1	-2.8033-1.0113i	-2.3011-1.4047i	-2.3005-1.1636i	-2.7030-1.3306i	-0.2338-0.2607i	-0.0516-0.1284i	-0.2877-0.1686i	-0.1768-0.4359i
73.2	-2.8366-0.9484i	-2.2599-1.4149i	-2.2980-1.1502i	-2.7389-1.2672i	-0.2285-0.2577i	-0.0451-0.1265i	-0.2519-0.1628i	-0.1813-0.4443i
73.3	-2.8209-0.9504i	-2.1914-1.3599i	-2.2198-1.1152i	-2.7334-1.2503i	-0.2254-0.2410i	-0.0454-0.1138i	-0.2516-0.1347i	-0.1756-0.4210i
73.4	-2.7768-0.9154i	-2.1375-1.3109i	-2.0931-1.1058i	-2.7463-1.1897i	-0.2156-0.2320i	-0.0420-0.1110i	-0.2380-0.1162i	-0.1747-0.4236i
73.5	-2.7591-0.8085i	-2.1296-1.2596i	-2.0845-1.0639i	-2.7292-1.0828i	-0.2203-0.2259i	-0.0413-0.1125i	-0.2310-0.1174i	-0.1868-0.4160i
73.6	-2.7422-0.7597i	-2.0861-1.2362i	-2.0328-1.0944i	-2.7313-1.0072i	-0.2189-0.2262i	-0.0428-0.1151i	-0.2140-0.1065i	-0.1999-0.4303i
73.7	-2.7769-0.7466i	-2.0141-1.2488i	-2.0189-1.1430i	-2.7467-0.9651i	-0.2094-0.2213i	-0.0357-0.1103i	-0.1775-0.0932i	-0.2014-0.4291i
73.8	-2.7584-0.7007i	-2.0245-1.2077i	-2.0139-1.0988i	-2.7336-0.9009i	-0.2161-0.2109i	-0.0407-0.1046i	-0.1789-0.0881i	-0.2212-0.4106i
73.9	-2.6708-0.6212i	-2.0582-1.1818i	-1.9522-1.0558i	-2.7051-0.8534i	-0.2248-0.2154i	-0.0484-0.1106i	-0.1936-0.0946i	-0.2407-0.4244i
74.0	-2.5874-0.6437i	-2.0192-1.1397i	-1.8789-1.1220i	-2.6921-0.7530i	-0.2304-0.2084i	-0.0576-0.1040i	-0.1869-0.0662i	-0.2785-0.4185i
74.1	-2.5167-0.6195i	-2.0004-1.1095i	-1.8463-1.1125i	-2.6722-0.6951i	-0.2342-0.2014i	-0.0651-0.1002i	-0.1887-0.0599i	-0.2926-0.4062i
74.2	-2.4975-0.5246i	-1.9650-1.1287i	-1.8106-1.1303i	-2.6584-0.6472i	-0.2299-0.2025i	-0.0639-0.1029i	-0.1665-0.0721i	-0.3069-0.4026i
74.3	-2.5062-0.5142i	-1.9436-1.0871i	-1.8056-1.1620i	-2.6270-0.5693i	-0.2320-0.1938i	-0.0641-0.0959i	-0.1478-0.0632i	-0.3202-0.3875i
74.4	-2.5807-0.4898i	-1.9056-1.0588i	-1.8209-1.2054i	-2.6442-0.4982i	-0.2308-0.1871i	-0.0600-0.0929i	-0.1140-0.0594i	-0.3363-0.3714i
74.5	-2.5374-0.4770i	-1.8690-1.0310i	-1.7882-1.2316i	-2.6235-0.4243i	-0.2295-0.1820i	-0.0621-0.0882i	-0.1036-0.0528i	-0.3509-0.3606i
74.6	-2.4367-0.4792i	-1.8627-1.0356i	-1.7608-1.2669i	-2.5676-0.3746i	-0.2349-0.1801i	-0.0721-0.0865i	-0.1141-0.0555i	-0.3689-0.3519i
74.7	-2.4300-0.4936i	-1.8734-1.0524i	-1.7742-1.3598i	-2.5544-0.3121i	-0.2410-0.1750i	-0.0771-0.0857i	-0.1035-0.0544i	-0.3978-0.3414i
74.8	-2.4605-0.3929i	-1.8617-1.0536i	-1.8329-1.3516i	-2.5469-0.2268i	-0.2437-0.1730i	-0.0765-0.0864i	-0.0924-0.0682i	-0.4120-0.3324i
74.9	-2.4580-0.3808i	-1.8573-1.0095i	-1.9017-1.3307i	-2.4848-0.1789i	-0.2492-0.1632i	-0.0837-0.0805i	-0.0913-0.0780i	-0.4257-0.2993i

75.0	-2.4111-0.3719i	-1.8340-0.9805i	-1.9507-1.3964i	-2.4052-0.0875i	-0.2560-0.1581i	-0.0896-0.0763i	-0.0828-0.0883i	-0.4499-0.2678i
75.1	-2.3971-0.3779i	-1.8728-0.9201i	-2.0068-1.3968i	-2.3645-0.0508i	-0.2638-0.1432i	-0.0956-0.0695i	-0.0962-0.0791i	-0.4600-0.2343i
75.2	-2.3220-0.3429i	-1.8942-0.8879i	-2.0197-1.3868i	-2.3050+0.0164i	-0.2716-0.1345i	-0.1034-0.0646i	-0.1044-0.0788i	-0.4764-0.2104i
75.3	-2.3121-0.2738i	-1.8903-0.9021i	-2.0439-1.3478i	-2.2873+0.0797i	-0.2768-0.1334i	-0.1080-0.0641i	-0.1075-0.0884i	-0.4859-0.1996i
75.4	-2.3014-0.2016i	-1.8934-0.8835i	-2.0928-1.2790i	-2.2461+0.1097i	-0.2789-0.1272i	-0.1105-0.0622i	-0.1136-0.0968i	-0.4907-0.1820i
75.5	-2.3088-0.1545i	-1.8740-0.8640i	-2.1755-1.2786i	-2.1578+0.1877i	-0.2810-0.1170i	-0.1135-0.0529i	-0.1022-0.1058i	-0.5114-0.1555i
75.6	-2.3285-0.1929i	-1.8402-0.8327i	-2.2534-1.3008i	-2.0876+0.2202i	-0.2829-0.1044i	-0.1152-0.0426i	-0.0876-0.0975i	-0.5227-0.1204i
75.7	-2.3066-0.1408i	-1.8282-0.8117i	-2.3104-1.2346i	-2.0069+0.2409i	-0.2836-0.0905i	-0.1147-0.0328i	-0.0867-0.1066i	-0.5250-0.0796i
75.8	-2.2596-0.1685i	-1.7858-0.7366i	-2.3044-1.2214i	-1.9082+0.2610i	-0.2864-0.0775i	-0.1234-0.0225i	-0.0907-0.0993i	-0.5288-0.0348i
75.9	-2.2977-0.1744i	-1.7466-0.7669i	-2.3616-1.2104i	-1.8848+0.2449i	-0.2879-0.0699i	-0.1212-0.0158i	-0.0817-0.1063i	-0.5257-0.0091i
76.0	-2.2761-0.1859i	-1.7535-0.7044i	-2.4127-1.1702i	-1.8343+0.2566i	-0.2910-0.0559i	-0.1258-0.0063i	-0.0946-0.1078i	-0.5295+0.0299i
76.1	-2.2133-0.1300i	-1.7781-0.6245i	-2.4065-1.0563i	-1.7619+0.2578i	-0.2940-0.0432i	-0.1305-0.0004i	-0.1202-0.1078i	-0.5163+0.0643i
76.2	-2.2665-0.0764i	-1.7125-0.6554i	-2.4676-0.9965i	-1.7176+0.2546i	-0.2874-0.0305i	-0.1253+0.0075i	-0.1093-0.1229i	-0.4952+0.1035i
76.3	-2.2295+0.0045i	-1.7205-0.6708i	-2.4879-0.9122i	-1.6824+0.2814i	-0.2848-0.0219i	-0.1262+0.0142i	-0.1228-0.1290i	-0.4797+0.1321i
76.4	-2.2162+0.0646i	-1.7004-0.6651i	-2.4908-0.8708i	-1.6388+0.2923i	-0.2859-0.0129i	-0.1260+0.0237i	-0.1403-0.1255i	-0.4639+0.1539i
76.5	-2.2020+0.0838i	-1.6972-0.6565i	-2.5156-0.8302i	-1.5973+0.3067i	-0.2853-0.0006i	-0.1267+0.0325i	-0.1518-0.1245i	-0.4530+0.1799i
76.6	-2.1838+0.1124i	-1.6797-0.6376i	-2.5269-0.7535i	-1.5490+0.2953i	-0.2800+0.0139i	-0.1249+0.0427i	-0.1616-0.1165i	-0.4301+0.2037i
76.7	-2.1475+0.1212i	-1.6679-0.6032i	-2.5270-0.6957i	-1.4904+0.2936i	-0.2781+0.0263i	-0.1262+0.0530i	-0.1770-0.1095i	-0.4156+0.2311i
76.8	-2.1119+0.1222i	-1.6729-0.5663i	-2.5344-0.6304i	-1.4585+0.2963i	-0.2785+0.0389i	-0.1271+0.0637i	-0.1941-0.0970i	-0.4018+0.2669i
76.9	-2.1134+0.1294i	-1.6174-0.5474i	-2.5279-0.5818i	-1.4340+0.2742i	-0.2703+0.0579i	-0.1216+0.0761i	-0.2000-0.0805i	-0.3640+0.2914i
77.0	-2.1200+0.1809i	-1.5576-0.5755i	-2.4927-0.5687i	-1.4072+0.2900i	-0.2652+0.0666i	-0.1165+0.0835i	-0.1979-0.0612i	-0.3448+0.2956i
77.1	-2.0555+0.2054i	-1.5633-0.5575i	-2.4717-0.5062i	-1.3703+0.2891i	-0.2611+0.0764i	-0.1148+0.0945i	-0.2211-0.0389i	-0.3211+0.3045i
77.2	-1.9848+0.2246i	-1.5889-0.5521i	-2.4567-0.4792i	-1.3418+0.2955i	-0.2529+0.0839i	-0.1112+0.0983i	-0.2229-0.0258i	-0.3051+0.3068i
77.3	-2.0048+0.2333i	-1.5771-0.5438i	-2.4606-0.4443i	-1.3093+0.2921i	-0.2469+0.0983i	-0.1059+0.1113i	-0.2232-0.0012i	-0.2857+0.3200i
77.4	-1.9926+0.2671i	-1.5836-0.5667i	-2.4791-0.3964i	-1.2718+0.2799i	-0.2396+0.1100i	-0.1007+0.1218i	-0.2298+0.0236i	-0.2597+0.3345i
77.5	-1.9173+0.3238i	-1.6012-0.5954i	-2.4994-0.3622i	-1.2430+0.2533i	-0.2268+0.1171i	-0.0907+0.1289i	-0.2221+0.0362i	-0.2370+0.3356i
77.6	-1.8739+0.3213i	-1.5987-0.5357i	-2.4689-0.3221i	-1.1974+0.2678i	-0.2200+0.1305i	-0.0856+0.1377i	-0.2141+0.0637i	-0.2267+0.3408i
77.7	-1.9015+0.3180i	-1.5614-0.5416i	-2.4618-0.2747i	-1.1493+0.2426i	-0.2075+0.1426i	-0.0760+0.1462i	-0.1955+0.0805i	-0.1997+0.3521i
77.8	-1.8759+0.3376i	-1.5519-0.5390i	-2.4362-0.2167i	-1.1422+0.2207i	-0.1935+0.1520i	-0.0649+0.1556i	-0.1768+0.1025i	-0.1783+0.3579i
77.9	-1.8210+0.3197i	-1.6009-0.5104i	-2.4201-0.2228i	-1.1291+0.2454i	-0.1908+0.1591i	-0.0627+0.1613i	-0.1677+0.1197i	-0.1830+0.3648i
78.0	-1.7858+0.3366i	-1.6096-0.4758i	-2.4096-0.1739i	-1.1187+0.2148i	-0.1778+0.1669i	-0.0544+0.1676i	-0.1542+0.1320i	-0.1715+0.3703i
78.1	-1.7436+0.3160i	-1.6229-0.4293i	-2.3783-0.1307i	-1.0939+0.1938i	-0.1687+0.1692i	-0.0466+0.1703i	-0.1435+0.1376i	-0.1553+0.3744i
78.2	-1.7691+0.3317i	-1.5945-0.4722i	-2.3759-0.0874i	-1.0675+0.1809i	-0.1528+0.1845i	-0.0323+0.1831i	-0.1130+0.1542i	-0.1255+0.4019i
78.3	-1.7659+0.3916i	-1.5704-0.5106i	-2.4009-0.0558i	-1.0296+0.1769i	-0.1283+0.1957i	-0.0100+0.1945i	-0.0747+0.1592i	-0.0883+0.4209i
78.4	-1.7828+0.3688i	-1.5476-0.4765i	-2.4214-0.0283i	-1.0122+0.1667i	-0.1095+0.2042i	0.0052+0.2020i	-0.0483+0.1640i	-0.0586+0.4419i
78.5	-1.7714+0.3436i	-1.5323-0.4395i	-2.4104+0.0168i	-1.0136+0.1635i	-0.1045+0.2122i	0.0130+0.2068i	-0.0369+0.1752i	-0.0439+0.4523i
78.6	-1.7276+0.3927i	-1.5814-0.4586i	-2.3975+0.0528i	-1.0299+0.1558i	-0.0799+0.2120i	0.0366+0.2064i	-0.0052+0.1706i	-0.0106+0.4503i
78.7	-1.7212+0.4091i	-1.6049-0.4468i	-2.3816+0.0954i	-1.0157+0.1328i	-0.0603+0.2097i	0.0548+0.2025i	0.0182+0.1574i	0.0199+0.4505i
78.8	-1.7329+0.4080i	-1.5762-0.4040i	-2.3812+0.1241i	-0.9955+0.1259i	-0.0423+0.2135i	0.0695+0.2078i	0.0408+0.1606i	0.0524+0.4616i
78.9	-1.7358+0.4435i	-1.5673-0.4037i	-2.3719+0.1840i	-1.0004+0.1234i	-0.0219+0.2097i	0.0888+0.2046i	0.0648+0.1573i	0.0904+0.4527i
79.0	-1.7448+0.5190i	-1.5386-0.4105i	-2.3365+0.2643i	-0.9866+0.1305i	0.0085+0.2095i	0.1170+0.2012i	0.1078+0.1445i	0.1375+0.4428i
79.1	-1.7318+0.5657i	-1.5329-0.4185i	-2.3227+0.2955i	-0.9801+0.1342i	0.0246+0.1975i	0.1328+0.1893i	0.1325+0.1200i	0.1682+0.4223i
79.2	-1.6773+0.5779i	-1.5807-0.4147i	-2.3123+0.3204i	-0.9552+0.1103i	0.0443+0.1768i	0.1495+0.1707i	0.1554+0.0781i	0.2064+0.4018i
79.3	-1.6768+0.5754i	-1.6055-0.3561i	-2.3429+0.3744i	-0.9454+0.0818i	0.0660+0.1705i	0.1734+0.1609i	0.1793+0.0473i	0.2438+0.4036i
79.4	-1.6509+0.5554i	-1.5968-0.3263i	-2.3041+0.4107i	-0.9224+0.0797i	0.0780+0.1555i	0.1822+0.1444i	0.1844+0.0209i	0.2635+0.3849i
79.5	-1.6519+0.5516i	-1.6079-0.2934i	-2.2794+0.4657i	-0.8903+0.0397i	0.0861+0.1374i	0.1868+0.1281i	0.1753-0.0149i	0.2956+0.3647i
79.6	-1.6326+0.6116i	-1.6272-0.2798i	-2.2547+0.5266i	-0.9238+0.0254i	0.0935+0.1190i	0.1944+0.1082i	0.1723-0.0429i	0.3209+0.3325i
79.7	-1.6397+0.6349i	-1.6124-0.2762i	-2.2214+0.5918i	-0.9197+0.0442i	0.1027+0.1055i	0.2039+0.0937i	0.1716-0.0667i	0.3414+0.3108i
79.8	-1.6078+0.6568i	-1.6298-0.2476i	-2.2067+0.6340i	-0.9176+0.0255i	0.0992+0.0867i	0.2023+0.0758i	0.1469-0.0950i	0.3498+0.2801i
79.9	-1.5879+0.6985i	-1.6117-0.2204i	-2.1755+0.7103i	-0.9251+0.0249i	0.1022+0.0663i	0.2031+0.0535i	0.1238-0.1268i	0.3740+0.2388i
80.0	-1.5763+0.7345i	-1.5653-0.2320i	-2.1199+0.7673i	-0.9264+0.0012i	0.1058+0.0513i	0.2060+0.0392i	0.1149-0.1475i	0.3952+0.2012i

1.1.20 Run 5 – VTC-200 – SF and shaft bending gauges

Vertical shaking on center with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0395+0.0000i	-0.0303+0.0000i	-0.0701+0.0000i	-0.0427+0.0000i	7.3977+0.0000i	3.4434+0.0000i	3.7670+0.0000i	-3.0165+0.0000i
0.1	0.0081-0.0022i	-0.0062+0.0018i	0.0036+0.0034i	-0.0227+0.0023i	0.6171-0.3783i	0.3605-0.1793i	0.1682-0.1960i	-0.8199+0.1335i
0.2	0.0022-0.0008i	0.0002+0.0001i	0.0195-0.0000i	-0.0170+0.0004i	-0.6896+0.0007i	-0.6414+0.0778i	-0.4478-0.0163i	-0.5924+0.0584i
0.3	0.0038-0.0042i	0.0018-0.0041i	0.0205-0.0042i	-0.0155-0.0040i	-0.4728-0.5178i	-1.0445+1.3511i	-0.2355-0.5543i	-0.8923+0.9362i
0.4	-0.0040-0.0080i	-0.0056-0.0082i	0.0131-0.0083i	-0.0231-0.0079i	-1.1858-1.1229i	1.4651+2.6197i	-1.0962-1.1467i	0.8678+1.8422i
0.5	-0.0046+0.0014i	-0.0059+0.0011i	0.0129+0.0005i	-0.0233+0.0017i	-1.5877-0.5751i	1.5266-0.2594i	-1.4021-0.3721i	0.9081-0.2356i
0.6	0.0017+0.0017i	0.0000+0.0014i	0.0184+0.0006i	-0.0173+0.0025i	-1.7169-0.1710i	-0.2338-0.3858i	-1.2947-0.0248i	-0.4178-0.3062i
0.7	0.0022-0.0009i	0.0012-0.0010i	0.0193-0.0019i	-0.0165-0.0001i	-1.4727-0.0096i	-0.4690+0.2881i	-1.0648+0.0304i	-0.5679+0.2126i
0.8	-0.0001-0.0066i	-0.0007-0.0069i	0.0174-0.0074i	-0.0184-0.0058i	-1.3130-0.0010i	0.0828+1.7544i	-0.9846-0.1381i	-0.1556+1.3013i
0.9	-0.0102-0.0068i	-0.0121-0.0076i	0.0071-0.0073i	-0.0291-0.0062i	-1.0479-0.2140i	2.8530+1.7664i	-1.0680-0.3108i	1.9271+1.3172i
1.0	-0.0071-0.0005i	-0.0087-0.0007i	0.0101-0.0014i	-0.0258+0.0003i	-1.4667-0.5655i	2.0203+0.1925i	-1.3071-0.4052i	1.2782+0.1047i
1.1	-0.0045+0.0002i	-0.0057-0.0002i	0.0127-0.0009i	-0.0231+0.0006i	-1.8494-0.2151i	1.3150+0.0242i	-1.5030-0.1057i	0.7190+0.0096i
1.2	-0.0037+0.0001i	-0.0050+0.0001i	0.0131-0.0011i	-0.0221+0.0007i	-1.7541+0.0200i	1.0902-0.0332i	-1.4011+0.0779i	0.5651-0.0048i
1.3	-0.0034-0.0001i	-0.0051+0.0003i	0.0133-0.0007i	-0.0219+0.0007i	-1.7602+0.0524i	1.0235-0.0476i	-1.3911+0.0992i	0.5143-0.0113i
1.4	-0.0035+0.0001i	-0.0050+0.0002i	0.0134-0.0005i	-0.0222+0.0009i	-1.8080+0.0722i	0.9815-0.0524i	-1.4185+0.1189i	0.4800-0.0122i
1.5	-0.0034+0.0000i	-0.0052+0.0005i	0.0136-0.0006i	-0.0220+0.0010i	-1.9129+0.1413i	0.9531-0.0767i	-1.4926+0.1692i	0.4486-0.0250i
1.6	-0.0037+0.0000i	-0.0050+0.0008i	0.0138-0.0007i	-0.0217+0.0011i	-2.0387+0.2218i	0.9509-0.0929i	-1.5776+0.2354i	0.4332-0.0288i
1.7	-0.0042+0.0005i	-0.0050+0.0005i	0.0131-0.0007i	-0.0219+0.0011i	-2.2391+0.4457i	1.0019-0.1381i	-1.7242+0.4110i	0.4451-0.0343i
1.8	-0.0052+0.0008i	-0.0058+0.0011i	0.0126-0.0002i	-0.0224+0.0015i	-2.4939+0.9858i	1.0828-0.2897i	-1.9095+0.8296i	0.4746-0.0792i
1.9	-0.0054+0.0018i	-0.0065+0.0019i	0.0125+0.0004i	-0.0227+0.0023i	-2.1113+1.8231i	0.9924-0.4838i	-1.6014+1.4514i	0.4539-0.1266i
2.0	-0.0055+0.0042i	-0.0063+0.0037i	0.0124+0.0018i	-0.0230+0.0037i	-1.0930+2.1523i	0.7376-0.5961i	-0.8198+1.6734i	0.3843-0.1733i
2.1	-0.0025+0.0083i	-0.0038+0.0069i	0.0143+0.0043i	-0.0210+0.0059i	-0.5804+1.8870i	0.5389-0.6227i	-0.4253+1.4719i	0.3039-0.2151i
2.2	0.0055+0.0022i	0.0025+0.0026i	0.0191+0.0009i	-0.0162+0.0027i	0.0991+1.6026i	0.2536-0.5117i	0.0787+1.2183i	0.1911-0.1898i
2.3	0.0030-0.0011i	0.0010-0.0002i	0.0178-0.0012i	-0.0175+0.0007i	0.0883+0.9546i	0.2291-0.2622i	0.0220+0.7345i	0.1551-0.0904i
2.4	0.0004+0.0000i	-0.0016+0.0005i	0.0160-0.0006i	-0.0190+0.0010i	-0.1682+0.8564i	0.3445-0.1664i	-0.1172+0.7202i	0.2077-0.0192i
2.5	0.0002+0.0001i	-0.0016+0.0005i	0.0162-0.0004i	-0.0192+0.0010i	-0.0475+0.5880i	0.3579-0.1254i	0.0082+0.4806i	0.2326-0.0177i
2.6	-0.0004+0.0003i	-0.0018+0.0004i	0.0162-0.0008i	-0.0195+0.0008i	-0.1752+0.3285i	0.3981-0.0761i	-0.1040+0.2610i	0.2480-0.0116i
2.7	-0.0008+0.0000i	-0.0022+0.0003i	0.0158-0.0010i	-0.0196+0.0011i	-0.2942+0.2152i	0.4280-0.0478i	-0.2048+0.1686i	0.2542-0.0100i
2.8	-0.0010+0.0002i	-0.0020+0.0004i	0.0154-0.0009i	-0.0197+0.0009i	-0.4902+0.2339i	0.4678-0.0650i	-0.3655+0.1890i	0.2630-0.0173i
2.9	-0.0010+0.0003i	-0.0020+0.0007i	0.0155-0.0011i	-0.0196+0.0009i	-0.3599+0.2801i	0.4335-0.0679i	-0.2550+0.2191i	0.2498-0.0126i
3.0	-0.0013+0.0000i	-0.0022+0.0005i	0.0153-0.0009i	-0.0197+0.0013i	-0.3532+0.0334i	0.4458+0.0011i	-0.2595+0.0267i	0.2627+0.0102i
3.1	-0.0011-0.0002i	-0.0024+0.0003i	0.0151-0.0009i	-0.0201+0.0010i	-0.5704+0.0306i	0.4988-0.0195i	-0.4182+0.0333i	0.2810-0.0050i
3.2	-0.0011+0.0002i	-0.0025+0.0005i	0.0150-0.0013i	-0.0202+0.0010i	-0.7625+0.1401i	0.5125-0.0028i	-0.5667+0.1124i	0.2657+0.0145i
3.3	-0.0008+0.0002i	-0.0025+0.0006i	0.0155-0.0010i	-0.0196+0.0013i	-0.2873+0.5062i	0.4571-0.0518i	-0.2182+0.3893i	0.2782+0.0286i
3.4	-0.0011+0.0003i	-0.0023+0.0008i	0.0154-0.0011i	-0.0200+0.0009i	0.1263+0.4044i	0.4279-0.0628i	0.0925+0.3044i	0.3036+0.0126i
3.5	-0.0014+0.0008i	-0.0018+0.0012i	0.0158-0.0006i	-0.0195+0.0009i	0.1566-0.0661i	0.4172+0.0123i	0.1133-0.0629i	0.3046+0.0092i
3.6	-0.0015+0.0010i	-0.0013+0.0006i	0.0152-0.0020i	-0.0185-0.0001i	-0.0818-0.3754i	0.4612+0.0416i	-0.0578-0.2919i	0.3200-0.0146i
3.7	-0.0007-0.0010i	-0.0022-0.0011i	0.0155-0.0009i	-0.0201+0.0001i	-1.1273-0.3060i	0.5047+0.0691i	-0.8488-0.2108i	0.1952+0.0053i
3.8	-0.0010-0.0003i	-0.0027-0.0006i	0.0156-0.0009i	-0.0206+0.0004i	-1.0410-0.1657i	0.5435+0.0254i	-0.7844-0.1038i	0.2403-0.0029i
3.9	-0.0012+0.0001i	-0.0028-0.0001i	0.0154-0.0009i	-0.0205+0.0007i	-0.9712-0.0715i	0.5527-0.0125i	-0.7331-0.0346i	0.2565-0.0183i
4.0	-0.0011+0.0002i	-0.0026+0.0001i	0.0156-0.0008i	-0.0203+0.0010i	-0.8569-0.0375i	0.5149-0.0162i	-0.6450-0.0147i	0.2438-0.0165i
4.1	-0.0009-0.0001i	-0.0024+0.0000i	0.0158-0.0009i	-0.0203+0.0009i	-0.8196-0.0595i	0.5043+0.0058i	-0.6196-0.0335i	0.2410-0.0017i
4.2	-0.0009-0.0001i	-0.0025-0.0001i	0.0158-0.0012i	-0.0204+0.0006i	-0.8533-0.0318i	0.5354+0.0053i	-0.6439-0.0180i	0.2592+0.0033i
4.3	-0.0008-0.0004i	-0.0024-0.0002i	0.0160-0.0011i	-0.0205+0.0006i	-0.8529+0.0404i	0.5586-0.0026i	-0.6404+0.0300i	0.2770+0.0072i
4.4	-0.0009-0.0011i	-0.0026-0.0003i	0.0161-0.0012i	-0.0205+0.0005i	-0.7301+0.0556i	0.5541-0.0320i	-0.5456+0.0526i	0.2887-0.0101i
4.5	-0.0009-0.0010i	-0.0029-0.0002i	0.0161-0.0013i	-0.0209+0.0004i	-0.6258-0.0068i	0.5328-0.0577i	-0.4777+0.0110i	0.2844-0.0301i
4.6	-0.0012-0.0011i	-0.0029-0.0002i	0.0160-0.0013i	-0.0210+0.0004i	-0.6041-0.0234i	0.5407-0.0856i	-0.4679-0.0205i	0.2929-0.0513i
4.7	-0.0019-0.0022i	-0.0031-0.0007i	0.0156-0.0017i	-0.0215+0.0002i	-0.5744-0.0530i	0.5200-0.1187i	-0.4295-0.0624i	0.2879-0.0750i
4.8	-0.0040-0.0023i	-0.0043+0.0000i	0.0146-0.0012i	-0.0225+0.0003i	-0.5124-0.1416i	0.4856-0.1670i	-0.4125-0.1404i	0.2753-0.1115i
4.9	-0.0057+0.0013i	-0.0037+0.0026i	0.0143+0.0010i	-0.0226+0.0023i	-0.4931-0.3392i	0.3093-0.1208i	-0.4535-0.2510i	0.1692-0.1065i
5.0	-0.0020+0.0015i	-0.0015+0.0001i	0.0166-0.0001i	-0.0208+0.0013i	-0.8716-0.2601i	0.4573+0.1474i	-0.7023-0.1861i	0.2277+0.0615i
5.1	-0.0018+0.0012i	-0.0020+0.0000i	0.0165-0.0005i	-0.0214+0.0012i	-0.8553-0.1975i	0.5287+0.1116i	-0.6879-0.1263i	0.2708+0.0498i
5.2	-0.0016+0.0015i	-0.0019+0.0014i	0.0166+0.0001i	-0.0218+0.0020i	-0.7259-0.1335i	0.5261-0.0384i	-0.5853-0.0717i	0.2821-0.0347i
5.3	-0.0016+0.0008i	-0.0008+0.0020i	0.0173+0.0001i	-0.0215+0.0023i	-0.4846-0.1095i	0.3787-0.1427i	-0.4124-0.0791i	0.2202-0.1009i
5.4	-0.0014+0.0008i	0.0014+0.0017i	0.0184+0.0004i	-0.0200+0.0024i	-0.2047-0.3281i	0.1587-0.0868i	-0.2220-0.2366i	0.1199-0.0999i
5.5	-0.0011+0.0023i	0.0031-0.0014i	0.0197-0.0002i	-0.0184+0.0004i	-0.2701-0.9704i	0.0338+0.3267i	-0.3240-0.6746i	0.0371+0.0784i
5.6	0.0003-0.0008i	-0.0006-0.0062i	0.0183-0.0030i	-0.0213-0.0027i	-1.0275-0.9582i	0.6055+0.6058i	-0.8237-0.6126i	0.2886+0.2472i

5.7	-0.0009-0.0032i	-0.0040-0.0058i	0.0173-0.0039i	-0.0230-0.0024i	-1.2187-0.5800i	0.7795+0.4340i	-0.9373-0.3354i	0.3611+0.1955i
5.8	-0.0027-0.0028i	-0.0059-0.0045i	0.0165-0.0041i	-0.0249-0.0012i	-1.0769-0.3991i	0.8124+0.3263i	-0.8669-0.2274i	0.3871+0.1533i
5.9	-0.0042-0.0020i	-0.0068-0.0033i	0.0161-0.0032i	-0.0260-0.0006i	-1.0194-0.3471i	0.7982+0.2511i	-0.8130-0.2042i	0.3880+0.1110i
6.0	-0.0051+0.0002i	-0.0074-0.0010i	0.0158-0.0017i	-0.0270+0.0010i	-0.9213-0.3210i	0.7842+0.1720i	-0.7501-0.1787i	0.3921+0.0708i
6.1	-0.0037+0.0021i	-0.0061+0.0010i	0.0171-0.0005i	-0.0268+0.0025i	-0.7909-0.3068i	0.7270+0.0985i	-0.6678-0.1702i	0.3713+0.0306i
6.2	-0.0026+0.0025i	-0.0051+0.0016i	0.0182-0.0001i	-0.0265+0.0029i	-0.7188-0.3093i	0.6922+0.0765i	-0.6173-0.1710i	0.3585+0.0188i
6.3	-0.0013+0.0019i	-0.0040+0.0014i	0.0198-0.0007i	-0.0265+0.0030i	-0.5911-0.3518i	0.6497+0.0782i	-0.5372-0.1975i	0.3468+0.0172i
6.4	-0.0010+0.0015i	-0.0036+0.0013i	0.0207-0.0012i	-0.0270+0.0032i	-0.4567-0.3924i	0.6217+0.0815i	-0.4526-0.2235i	0.3441+0.0173i
6.5	-0.0006+0.0012i	-0.0032+0.0012i	0.0218-0.0017i	-0.0276+0.0035i	-0.2899-0.4765i	0.5995+0.0926i	-0.3574-0.2775i	0.3466+0.0157i
6.6	-0.0002+0.0006i	-0.0028+0.0008i	0.0230-0.0025i	-0.0283+0.0038i	-0.0668-0.6043i	0.5489+0.1068i	-0.2215-0.3495i	0.3348+0.0128i
6.7	-0.0001-0.0000i	-0.0026+0.0007i	0.0246-0.0036i	-0.0298+0.0044i	0.2351-0.7950i	0.4945+0.1474i	-0.0315-0.4668i	0.3267+0.0222i
6.8	-0.0002-0.0004i	-0.0026+0.0007i	0.0267-0.0053i	-0.0321+0.0060i	0.6879-1.2136i	0.4221+0.2209i	0.2338-0.7287i	0.3243+0.0296i
6.9	-0.0001-0.0003i	-0.0023+0.0009i	0.0300-0.0082i	-0.0352+0.0093i	1.3624-1.9171i	0.3116+0.3306i	0.6392-1.1626i	0.3181+0.0345i
7.0	0.0010-0.0010i	-0.0011+0.0008i	0.0322-0.0151i	-0.0358+0.0158i	1.6008-3.4930i	0.2587+0.5999i	0.7831-2.1160i	0.3065+0.0594i
7.1	0.0016-0.0038i	0.0003-0.0011i	0.0298-0.0270i	-0.0315+0.0251i	0.6674-5.9560i	0.3895+1.0301i	0.2091-3.6024i	0.3013+0.1019i
7.2	-0.0026-0.0084i	-0.0019-0.0054i	0.0123-0.0344i	-0.0173+0.0268i	-3.0782-6.8723i	1.0743+1.2474i	-2.0715-4.1466i	0.3863+0.1537i
7.3	-0.0095-0.0070i	-0.0071-0.0050i	-0.0013-0.0290i	-0.0116+0.0225i	-5.2890-5.8914i	1.5525+1.0591i	-3.4200-3.5406i	0.4803+0.1316i
7.4	-0.0093+0.0004i	-0.0070+0.0000i	-0.0060-0.0163i	-0.0067+0.0177i	-6.7562-3.8525i	1.7536+0.6018i	-4.2953-2.2983i	0.4739+0.0388i
7.5	-0.0062+0.0023i	-0.0049+0.0011i	-0.0034-0.0092i	-0.0057+0.0120i	-6.6815-2.1936i	1.6966+0.3226i	-4.2543-1.2989i	0.4500+0.0152i
7.6	-0.0040+0.0012i	-0.0040+0.0001i	0.0022-0.0053i	-0.0096+0.0065i	-5.5634-0.9567i	1.4951+0.1773i	-3.5731-0.5607i	0.4307+0.0358i
7.7	-0.0037+0.0010i	-0.0038+0.0001i	0.0040-0.0041i	-0.0113+0.0050i	-5.2108-0.6594i	1.4178+0.1302i	-3.3464-0.3750i	0.4180+0.0328i
7.8	-0.0035+0.0006i	-0.0036+0.0001i	0.0059-0.0042i	-0.0131+0.0049i	-4.9909-0.6545i	1.3969+0.1158i	-3.2199-0.3802i	0.4248+0.0219i
7.9	-0.0031+0.0003i	-0.0034-0.0001i	0.0069-0.0042i	-0.0137+0.0045i	-5.0988-0.5702i	1.4182+0.1068i	-3.2871-0.3289i	0.4288+0.0233i
8.0	-0.0032-0.0001i	-0.0035-0.0006i	0.0075-0.0038i	-0.0145+0.0035i	-5.1806-0.2734i	1.4228+0.0824i	-3.3348-0.1393i	0.4262+0.0368i
8.1	-0.0037+0.0000i	-0.0035-0.0004i	0.0080-0.0033i	-0.0154+0.0032i	-5.1866-0.0591i	1.4268+0.0563i	-3.3465-0.0174i	0.4254+0.0411i
8.2	-0.0034+0.0004i	-0.0031-0.0004i	0.0086-0.0028i	-0.0159+0.0030i	-5.2838+0.1659i	1.4583+0.0230i	-3.4150+0.1166i	0.4368+0.0418i
8.3	-0.0032+0.0002i	-0.0031-0.0006i	0.0094-0.0028i	-0.0166+0.0028i	-5.3034+0.4177i	1.4931+0.0006i	-3.4353+0.2706i	0.4596+0.0528i
8.4	-0.0032-0.0002i	-0.0032-0.0010i	0.0101-0.0029i	-0.0174+0.0023i	-5.3972+0.6844i	1.5395-0.0316i	-3.4901+0.4323i	0.4865+0.0535i
8.5	-0.0033-0.0003i	-0.0033-0.0012i	0.0105-0.0032i	-0.0182+0.0023i	-5.4707+0.8765i	1.5802-0.0677i	-3.5380+0.5522i	0.5079+0.0468i
8.6	-0.0035-0.0007i	-0.0032-0.0016i	0.0114-0.0037i	-0.0191+0.0023i	-5.6506+1.1695i	1.6192-0.1114i	-3.6546+0.7308i	0.5138+0.0438i
8.7	-0.0037-0.0009i	-0.0030-0.0018i	0.0120-0.0040i	-0.0196+0.0023i	-5.9517+1.4695i	1.6479-0.1620i	-3.8376+0.9256i	0.5044+0.0400i
8.8	-0.0039-0.0007i	-0.0029-0.0020i	0.0125-0.0046i	-0.0201+0.0033i	-6.1151+2.2204i	1.6692-0.3084i	-3.9487+1.3841i	0.5004+0.0151i
8.9	-0.0038-0.0006i	-0.0025-0.0024i	0.0131-0.0053i	-0.0204+0.0038i	-6.3801+2.9180i	1.7046-0.4199i	-4.1017+1.8079i	0.5015+0.0046i
9.0	-0.0037-0.0011i	-0.0025-0.0038i	0.0137-0.0070i	-0.0209+0.0041i	-6.4656+4.0113i	1.6970-0.5542i	-4.1461+2.4855i	0.4877+0.0202i
9.1	-0.0047-0.0013i	-0.0038-0.0044i	0.0129-0.0078i	-0.0218+0.0050i	-6.0372+4.6923i	1.7089-0.6654i	-3.8966+2.9123i	0.5363+0.0125i
9.2	-0.0050-0.0012i	-0.0037-0.0053i	0.0133-0.0098i	-0.0223+0.0068i	-6.2719+6.2304i	1.7439-0.9119i	-4.0394+3.8535i	0.5369-0.0034i
9.3	-0.0054-0.0015i	-0.0050-0.0072i	0.0109-0.0135i	-0.0204+0.0088i	-4.3942+8.8147i	1.4440-1.2763i	-2.8722+5.4443i	0.5210-0.0022i
9.4	-0.0059-0.0012i	-0.0083-0.0071i	0.0054-0.0135i	-0.0171+0.0088i	-0.4002+8.7928i	0.8773-1.2567i	-0.4124+5.4180i	0.5254+0.0053i
9.5	-0.0061-0.0006i	-0.0101-0.0055i	0.0022-0.0106i	-0.0153+0.0070i	1.9186+6.8270i	0.5440-0.9643i	1.0037+4.1953i	0.5246+0.0101i
9.6	-0.0061-0.0003i	-0.0106-0.0042i	0.0018-0.0080i	-0.0155+0.0052i	2.1780+4.9095i	0.5355-0.6845i	1.1523+3.0167i	0.5416+0.0105i
9.7	-0.0060-0.0001i	-0.0102-0.0030i	0.0025-0.0057i	-0.0164+0.0035i	1.6840+3.1398i	0.5991-0.3947i	0.8453+1.9303i	0.5352+0.0348i
9.8	-0.0065-0.0002i	-0.0106-0.0024i	0.0026-0.0045i	-0.0171+0.0027i	1.3609+2.2027i	0.7074-0.2360i	0.6377+1.3638i	0.5744+0.0531i
9.9	-0.0067-0.0004i	-0.0107-0.0020i	0.0031-0.0039i	-0.0179+0.0024i	0.9102+1.6626i	0.8122-0.1497i	0.3591+1.0308i	0.6012+0.0578i
10.0	-0.0069-0.0003i	-0.0105-0.0018i	0.0033-0.0035i	-0.0186+0.0024i	0.5130+1.3967i	0.9033-0.1114i	0.1119+0.8632i	0.6234+0.0570i
10.1	-0.0073-0.0001i	-0.0108-0.0013i	0.0038-0.0032i	-0.0196+0.0025i	0.1101+1.1686i	1.0132-0.0812i	-0.1434+0.7338i	0.6565+0.0569i
10.2	-0.0077+0.0001i	-0.0114-0.0011i	0.0038-0.0029i	-0.0204+0.0021i	-0.2053+1.0480i	1.1195-0.0675i	-0.3504+0.6609i	0.6931+0.0546i
10.3	-0.0080+0.0001i	-0.0118-0.0010i	0.0036-0.0030i	-0.0209+0.0022i	-0.4180+1.0123i	1.1916-0.0536i	-0.4868+0.6332i	0.7185+0.0581i
10.4	-0.0083-0.0000i	-0.0122-0.0009i	0.0034-0.0029i	-0.0214+0.0024i	-0.5281+1.0225i	1.2630-0.0545i	-0.5662+0.6388i	0.7534+0.0597i
10.5	-0.0089+0.0005i	-0.0128-0.0000i	0.0030-0.0022i	-0.0219+0.0030i	-0.6049+0.9946i	1.3319-0.0693i	-0.6150+0.6160i	0.7891+0.0463i
10.6	-0.0093+0.0015i	-0.0131+0.0012i	0.0027-0.0011i	-0.0219+0.0039i	-0.6509+0.8939i	1.3963-0.1193i	-0.6534+0.5674i	0.8242+0.0078i
10.7	-0.0091+0.0020i	-0.0128+0.0019i	0.0030-0.0006i	-0.0219+0.0040i	-0.7536+0.7721i	1.4183-0.1674i	-0.7120+0.4977i	0.8287-0.0339i
10.8	-0.0088+0.0020i	-0.0124+0.0023i	0.0035-0.0004i	-0.0220+0.0037i	-0.9238+0.6511i	1.4521-0.1486i	-0.8226+0.4174i	0.8372-0.0334i
10.9	-0.0092+0.0023i	-0.0125+0.0025i	0.0035+0.0002i	-0.0224+0.0038i	-1.0594+0.5787i	1.5132-0.1462i	-0.9175+0.3696i	0.8627-0.0385i
11.0	-0.0095+0.0027i	-0.0127+0.0026i	0.0036+0.0005i	-0.0228+0.0038i	-1.2119+0.5200i	1.6061-0.1630i	-1.0146+0.3408i	0.9085-0.0539i
11.1	-0.0094+0.0029i	-0.0129+0.0030i	0.0037+0.0007i	-0.0231+0.0041i	-1.3783+0.5122i	1.6473-0.1955i	-1.1187+0.3396i	0.9187-0.0719i
11.2	-0.0094+0.0031i	-0.0127+0.0035i	0.0038+0.0012i	-0.0234+0.0044i	-1.5071+0.4595i	1.7028-0.2234i	-1.2063+0.3162i	0.9465-0.0964i
11.3	-0.0096+0.0030i	-0.0126+0.0037i	0.0038+0.0013i	-0.0235+0.0044i	-1.6452+0.4551i	1.7735-0.2253i	-1.2987+0.3100i	0.9785-0.0986i
11.4	-0.0098+0.0028i	-0.0126+0.0035i	0.0037+0.0010i	-0.0236+0.0043i	-1.7793+0.4422i	1.8219-0.2114i	-1.3865+0.2968i	0.9947-0.0913i
11.5	-0.0102+0.0028i	-0.0131+0.0034i	0.0036+0.0007i	-0.0242+0.0041i	-1.9101+0.4333i	1.9085-0.2114i	-1.4725+0.2898i	1.0395-0.0915i
11.6	-0.0106+0.0030i	-0.0133+0.0035i	0.0035+0.0008i	-0.0245+0.0042i	-2.0641+0.4696i	1.9930-0.2545i	-1.5785+0.3159i	1.0782-0.1182i
11.7	-0.0112+0.0028i	-0.0136+0.0036i	0.0032+0.0012i	-0.0253+0.0044i	-2.2545+0.4490i	2.0951-0.2649i	-1.7081+0.3104i	1.1276-0.1255i
11.8	-0.0116+0.0023i	-0.0141+0.0033i	0.0031+0.0009i	-0.0260+0.0042i	-2.4224+0.4500i	2.1673-0.2416i	-1.8184+0.3090i	1.1598-0.1106i
11.9	-0.0126+0.0022i	-0.0151+0.0030i	0.0021+0.0009i	-0.0270+0.0039i	-2.6409+0.4784i	2.3528-0.2332i	-1.9762+0.3279i	1.2565-0.1003i

12.0	-0.0137+0.0027i	-0.0161+0.0033i	0.0016+0.0011i	-0.0279+0.0042i	-2.7815+0.4993i	2.5084-0.3044i	-2.0754+0.3581i	1.3400-0.1426i
12.1	-0.0152+0.0024i	-0.0176+0.0033i	0.0006+0.0007i	-0.0293+0.0041i	-2.9669+0.5708i	2.7308-0.2991i	-2.2128+0.4083i	1.4631-0.1333i
12.2	-0.0165+0.0030i	-0.0190+0.0038i	-0.0005+0.0011i	-0.0306+0.0048i	-3.1187+0.6763i	2.9062-0.4095i	-2.3353+0.4878i	1.5586-0.1935i
12.3	-0.0181+0.0032i	-0.0206+0.0042i	-0.0017+0.0012i	-0.0322+0.0051i	-3.3231+0.7707i	3.1367-0.4578i	-2.4838+0.5471i	1.6888-0.2161i
12.4	-0.0197+0.0035i	-0.0221+0.0047i	-0.0029+0.0015i	-0.0334+0.0057i	-3.5147+0.9025i	3.3398-0.5278i	-2.6229+0.6331i	1.8021-0.2492i
12.5	-0.0230+0.0051i	-0.0252+0.0064i	-0.0056+0.0025i	-0.0359+0.0071i	-3.6909+1.0672i	3.7199-0.7087i	-2.7580+0.7621i	2.0293-0.3486i
12.6	-0.0262+0.0069i	-0.0283+0.0084i	-0.0081+0.0038i	-0.0385+0.0085i	-3.8000+1.1794i	4.0786-0.9442i	-2.8609+0.8623i	2.2493-0.4874i
12.7	-0.0303+0.0089i	-0.0327+0.0108i	-0.0116+0.0057i	-0.0421+0.0105i	-3.9354+1.1989i	4.5919-1.1805i	-3.0032+0.8933i	2.5630-0.6325i
12.8	-0.0335+0.0131i	-0.0360+0.0156i	-0.0142+0.0096i	-0.0449+0.0143i	-4.1602+1.2202i	5.0153-1.6395i	-3.1847+0.9552i	2.8127-0.9259i
12.9	-0.0376+0.0182i	-0.0397+0.0214i	-0.0175+0.0141i	-0.0481+0.0187i	-4.4249+1.2423i	5.5404-2.1583i	-3.4001+1.0163i	3.1261-1.2555i
13.0	-0.0399+0.0261i	-0.0408+0.0301i	-0.0189+0.0208i	-0.0495+0.0254i	-4.8119+1.3041i	5.9156-3.0321i	-3.6672+1.1298i	3.3356-1.8082i
13.1	-0.0382+0.0341i	-0.0381+0.0388i	-0.0175+0.0272i	-0.0482+0.0322i	-5.2201+1.4569i	5.9551-3.9696i	-3.9288+1.3078i	3.3264-2.3896i
13.2	-0.0372+0.0423i	-0.0358+0.0475i	-0.0166+0.0339i	-0.0474+0.0393i	-5.7951+1.6040i	6.1760-4.9627i	-4.3131+1.5118i	3.4193-3.0067i
13.3	-0.0364+0.0497i	-0.0331+0.0544i	-0.0151+0.0401i	-0.0466+0.0457i	-6.5125+1.9371i	6.3647-6.0195i	-4.7601+1.8060i	3.4823-3.6595i
13.4	-0.0360+0.0608i	-0.0306+0.0647i	-0.0142+0.0492i	-0.0465+0.0554i	-7.1990+2.4303i	6.6494-7.6502i	-5.2270+2.2597i	3.5998-4.6625i
13.5	-0.0290+0.0821i	-0.0212+0.0836i	-0.0078+0.0666i	-0.0397+0.0734i	-7.9983+3.1094i	6.0729-10.8211i	-5.6893+2.9999i	3.1576-6.6362i
13.6	-0.0092+0.1046i	-0.0003+0.1031i	0.0094+0.0844i	-0.0216+0.0927i	-8.7910+4.1448i	3.6698-14.2961i	-5.9539+3.9911i	1.5496-8.7732i
13.7	0.0292+0.1107i	0.0369+0.1055i	0.0412+0.0884i	0.0118+0.0972i	-9.2183+5.4238i	-1.5145-15.6614i	-5.7159+4.9271i	-1.8165-9.5345i
13.8	0.0675+0.0960i	0.0730+0.0885i	0.0726+0.0751i	0.0447+0.0834i	-9.5814+6.4642i	-6.8533-14.0536i	-5.4437+5.4240i	-5.2798-8.4118i
13.9	0.0884+0.0660i	0.0907+0.0578i	0.0889+0.0495i	0.0621+0.0570i	-10.5455+7.7396i	-9.7286-10.2117i	-5.7764+5.8530i	-7.2178-5.8344i
14.0	0.0930+0.0343i	0.0932+0.0266i	0.0917+0.0232i	0.0654+0.0293i	-11.9704+9.7949i	-10.2789-6.1467i	-6.6309+6.7464i	-7.7083-3.0360i
14.1	0.0865+0.0131i	0.0858+0.0061i	0.0858+0.0060i	0.0596+0.0107i	-12.7487+12.7002i	-9.3405-3.6367i	-7.2451+8.3472i	-7.1850-1.1558i
14.2	0.0770-0.0056i	0.0754-0.0118i	0.0770-0.0088i	0.0511-0.0054i	-12.9250+17.9748i	-8.0111-1.8913i	-7.5167+11.5381i	-6.3503+0.4615i
14.3	0.0632-0.0241i	0.0611-0.0295i	0.0652-0.0231i	0.0387-0.0214i	-9.9114+26.2189i	-6.6082-0.7018i	-5.7501+16.6031i	-5.1761+1.9882i
14.4	0.0434-0.0356i	0.0408-0.0406i	0.0491-0.0314i	0.0211-0.0317i	0.2155+32.9142i	-5.5638-0.2010i	0.5416+20.7900i	-3.5655+2.9334i
14.5	0.0250-0.0324i	0.0218-0.0370i	0.0349-0.0288i	0.0047-0.0288i	12.0938+29.8112i	-5.0398-0.1210i	8.0253+18.8647i	-2.1195+2.7061i
14.6	0.0140-0.0217i	0.0105-0.0259i	0.0270-0.0204i	-0.0057-0.0193i	19.4552+19.8951i	-4.7358+0.1100i	12.6947+12.6022i	-1.2336+1.9358i
14.7	0.0106-0.0134i	0.0071-0.0172i	0.0246-0.0142i	-0.0091-0.0119i	19.6773+11.4338i	-4.3277+0.4883i	12.8141+7.2125i	-0.9495+1.3977i
14.8	0.0104-0.0096i	0.0071-0.0131i	0.0241-0.0114i	-0.0093-0.0085i	17.5723+6.7575i	-3.9236+0.8103i	11.4137+4.1951i	-0.8852+1.1680i
14.9	0.0100-0.0085i	0.0066-0.0116i	0.0235-0.0108i	-0.0098-0.0070i	14.4358+3.4535i	-3.2347+1.2913i	9.3763+2.0489i	-0.7267+1.1708i
15.0	0.0089-0.0080i	0.0052-0.0110i	0.0217-0.0109i	-0.0109-0.0066i	12.2287+2.1555i	-2.5309+1.4786i	7.9043+1.2282i	-0.4835+1.1726i
15.1	0.0074-0.0071i	0.0033-0.0091i	0.0196-0.0097i	-0.0124-0.0051i	10.7613+1.3030i	-1.8929+1.3951i	6.9126+0.6976i	-0.2056+1.0372i
15.2	0.0053-0.0054i	0.0015-0.0073i	0.0178-0.0081i	-0.0138-0.0034i	9.1542+0.9758i	-1.2359+1.0963i	5.8458+0.4917i	0.0756+0.8044i
15.3	0.0058-0.0023i	0.0025-0.0043i	0.0184-0.0052i	-0.0135-0.0008i	8.2049+0.8362i	-1.1401+0.5357i	5.2280+0.4762i	0.0483+0.4270i
15.4	0.0057-0.0003i	0.0029-0.0020i	0.0183-0.0032i	-0.0137+0.0006i	7.4886+0.5220i	-1.0202+0.1977i	4.7567+0.3139i	0.0535+0.1799i
15.5	0.0058+0.0005i	0.0029-0.0007i	0.0186-0.0024i	-0.0134+0.0016i	6.9186+0.4747i	-0.9883+0.0250i	4.4217+0.3058i	0.0243+0.0682i
15.6	0.0063+0.0013i	0.0035+0.0000i	0.0194-0.0015i	-0.0128+0.0023i	6.4034+0.4316i	-0.9939-0.1369i	4.0899+0.2912i	-0.0313-0.0409i
15.7	0.0069+0.0014i	0.0041-0.0001i	0.0203-0.0016i	-0.0126+0.0022i	5.9979+0.3057i	-1.0469-0.1622i	3.8215+0.2075i	-0.1045-0.0698i
15.8	0.0069+0.0015i	0.0042-0.0001i	0.0203-0.0015i	-0.0131+0.0025i	5.6935+0.2265i	-1.0385-0.2135i	3.6351+0.1577i	-0.1283-0.1151i
15.9	0.0073+0.0018i	0.0045+0.0001i	0.0207-0.0012i	-0.0127+0.0027i	5.4103+0.1292i	-1.0789-0.2624i	3.4596+0.1045i	-0.1838-0.1579i
16.0	0.0076+0.0016i	0.0050+0.0001i	0.0214-0.0012i	-0.0125+0.0028i	5.1706-0.0096i	-1.1002-0.2829i	3.3165+0.0326i	-0.2163-0.1824i
16.1	0.0076+0.0017i	0.0050-0.0000i	0.0214-0.0012i	-0.0127+0.0028i	4.8805-0.1129i	-1.0684-0.2541i	3.1095-0.0366i	-0.2268-0.1724i
16.2	0.0076+0.0015i	0.0050+0.0001i	0.0213-0.0011i	-0.0127+0.0028i	4.6191-0.1557i	-1.0300-0.2451i	2.9326-0.0787i	-0.2285-0.1694i
16.3	0.0074+0.0012i	0.0046-0.0003i	0.0213-0.0014i	-0.0131+0.0030i	4.3737-0.0713i	-0.9524-0.2902i	2.8040-0.0390i	-0.1930-0.1965i
16.4	0.0066+0.0008i	0.0042-0.0007i	0.0212-0.0020i	-0.0136+0.0028i	4.2746-0.0674i	-0.9335-0.2935i	2.7190-0.0397i	-0.1968-0.2023i
16.5	0.0066+0.0009i	0.0042-0.0002i	0.0215-0.0020i	-0.0136+0.0031i	4.1596-0.1732i	-0.9825-0.3532i	2.6552-0.0901i	-0.2405-0.2504i
16.6	0.0069+0.0013i	0.0042+0.0002i	0.0216-0.0018i	-0.0135+0.0036i	4.0174-0.3651i	-1.0604-0.4592i	2.5897-0.1973i	-0.2993-0.3376i
16.7	0.0067+0.0017i	0.0044+0.0004i	0.0215-0.0014i	-0.0131+0.0036i	3.7667-0.5348i	-1.2286-0.4345i	2.4461-0.3094i	-0.4380-0.3343i
16.8	0.0070+0.0018i	0.0044+0.0004i	0.0216-0.0017i	-0.0132+0.0037i	3.5713-0.5188i	-1.2380-0.2249i	2.3221-0.3216i	-0.4613-0.1941i
16.9	0.0071+0.0015i	0.0045-0.0001i	0.0220-0.0020i	-0.0135+0.0037i	3.3880-0.4501i	-1.0870-0.1081i	2.1802-0.2848i	-0.3817-0.1130i
17.0	0.0063+0.0012i	0.0043+0.0000i	0.0219-0.0021i	-0.0136+0.0039i	3.3422-0.4505i	-1.0660-0.1966i	2.1540-0.2716i	-0.3757-0.1728i
17.1	0.0056+0.0011i	0.0039-0.0001i	0.0215-0.0026i	-0.0141+0.0039i	3.2261-0.6241i	-1.1640-0.1982i	2.0750-0.3691i	-0.4582-0.1816i
17.2	0.0058+0.0009i	0.0036-0.0001i	0.0214-0.0029i	-0.0139+0.0034i	2.9895-0.5400i	-1.2171+0.0209i	1.9330-0.3594i	-0.5182-0.0297i
17.3	0.0056+0.0015i	0.0039+0.0003i	0.0214-0.0025i	-0.0141+0.0034i	2.9211-0.4726i	-1.0277+0.1802i	1.8949-0.3335i	-0.3912+0.0829i
17.4	0.0056+0.0017i	0.0042+0.0003i	0.0216-0.0023i	-0.0144+0.0038i	2.9004-0.5223i	-0.8322+0.1245i	1.8539-0.3645i	-0.2618+0.0380i
17.5	0.0053+0.0013i	0.0036-0.0002i	0.0214-0.0027i	-0.0148+0.0035i	2.7908-0.5690i	-0.8164+0.0333i	1.7808-0.3999i	-0.2657-0.0319i
17.6	0.0051+0.0017i	0.0034+0.0002i	0.0210-0.0027i	-0.0147+0.0039i	2.6697-0.5752i	-0.8833+0.0658i	1.7103-0.4068i	-0.3240-0.0096i
17.7	0.0049+0.0025i	0.0033+0.0004i	0.0211-0.0024i	-0.0150+0.0042i	2.6057-0.6065i	-0.8306+0.1209i	1.6712-0.4155i	-0.2953+0.0263i
17.8	0.0050+0.0029i	0.0035+0.0004i	0.0213-0.0025i	-0.0155+0.0044i	2.6006-0.5995i	-0.7845+0.1447i	1.6495-0.4164i	-0.2656+0.0433i
17.9	0.0055+0.0033i	0.0036+0.0008i	0.0218-0.0025i	-0.0157+0.0050i	2.5240-0.6522i	-0.7650+0.2102i	1.6084-0.4538i	-0.2580+0.0858i
18.0	0.0058+0.0040i	0.0038+0.0016i	0.0221-0.0022i	-0.0156+0.0055i	2.4461-0.6818i	-0.6413+0.2765i	1.5486-0.4838i	-0.1799+0.1331i
18.1	0.0064+0.0044i	0.0044+0.0018i	0.0221-0.0020i	-0.0151+0.0056i	2.3842-0.7444i	-0.4945+0.2505i	1.4928-0.5283i	-0.0892+0.1067i
18.2	0.0078+0.0034i	0.0050+0.0008i	0.0225-0.0030i	-0.0144+0.0050i	2.2662-0.8001i	-0.3647+0.1579i	1.3946-0.5563i	-0.0138+0.0308i

18.3	0.0082+0.0025i	0.0055+0.0000i	0.0228-0.0033i	-0.0141+0.0050i	2.1326-0.8051i	-0.3567-0.0070i	1.3092-0.5312i	-0.0189-0.0775i
18.4	0.0079+0.0016i	0.0054-0.0007i	0.0227-0.0035i	-0.0143+0.0046i	2.0345-0.7577i	-0.3853-0.1359i	1.2517-0.4824i	-0.0473-0.1585i
18.5	0.0066+0.0004i	0.0046-0.0015i	0.0225-0.0038i	-0.0155+0.0036i	2.0269-0.6013i	-0.4993-0.2784i	1.2526-0.3610i	-0.1229-0.2415i
18.6	0.0037+0.0015i	0.0018-0.0003i	0.0222-0.0036i	-0.0181+0.0047i	2.2450-0.5569i	-0.8001-0.1250i	1.4413-0.3550i	-0.3149-0.1299i
18.7	0.0033+0.0045i	0.0020+0.0022i	0.0223-0.0030i	-0.0182+0.0076i	2.3165-0.7828i	-0.7804+0.1632i	1.5047-0.5420i	-0.2943+0.0511i
18.8	0.0051+0.0052i	0.0041+0.0024i	0.0223-0.0038i	-0.0165+0.0084i	2.1465-1.0034i	-0.6426+0.2142i	1.3656-0.6985i	-0.2087+0.0594i
18.9	0.0061+0.0051i	0.0052+0.0016i	0.0224-0.0041i	-0.0157+0.0084i	2.0171-1.1068i	-0.6055+0.1657i	1.2577-0.7558i	-0.1970+0.0134i
19.0	0.0073+0.0047i	0.0059+0.0010i	0.0227-0.0045i	-0.0146+0.0085i	1.8719-1.1799i	-0.4808+0.1690i	1.1516-0.7881i	-0.1305+0.0093i
19.1	0.0080+0.0048i	0.0063+0.0008i	0.0229-0.0046i	-0.0139+0.0087i	1.7518-1.1586i	-0.4130+0.2021i	1.0696-0.7886i	-0.1003+0.0339i
19.2	0.0090+0.0050i	0.0070+0.0008i	0.0235-0.0047i	-0.0131+0.0084i	1.6745-1.0753i	-0.3586+0.2160i	1.0111-0.7640i	-0.0700+0.0439i
19.3	0.0097+0.0041i	0.0076-0.0001i	0.0236-0.0050i	-0.0125+0.0077i	1.6100-1.0916i	-0.2918+0.1791i	0.9657-0.7525i	-0.0273+0.0171i
19.4	0.0106+0.0034i	0.0085-0.0011i	0.0240-0.0059i	-0.0121+0.0071i	1.5740-1.1292i	-0.2736+0.1755i	0.9413-0.7677i	-0.0170+0.0081i
19.5	0.0115+0.0028i	0.0095-0.0020i	0.0246-0.0067i	-0.0115+0.0070i	1.4847-1.1750i	-0.2059+0.1484i	0.8880-0.8048i	0.0226-0.0131i
19.6	0.0118+0.0015i	0.0094-0.0035i	0.0243-0.0076i	-0.0111+0.0066i	1.3887-1.2328i	-0.1338+0.0875i	0.8099-0.8339i	0.0616-0.0626i
19.7	0.0118-0.0005i	0.0092-0.0055i	0.0240-0.0087i	-0.0111+0.0057i	1.3229-1.2618i	-0.0855+0.0180i	0.7608-0.8432i	0.0851-0.1161i
19.8	0.0111-0.0035i	0.0082-0.0084i	0.0230-0.0105i	-0.0116+0.0044i	1.1934-1.2866i	-0.1011-0.1285i	0.6670-0.8503i	0.0606-0.2199i
19.9	0.0099-0.0049i	0.0069-0.0095i	0.0222-0.0113i	-0.0123+0.0033i	1.1138-1.2515i	-0.1275-0.1795i	0.6090-0.8255i	0.0326-0.2529i
20.0	0.0069-0.0057i	0.0038-0.0101i	0.0203-0.0116i	-0.0136+0.0026i	0.9553-1.1913i	-0.2160-0.2453i	0.5228-0.7875i	-0.0440-0.2971i
20.1	0.0043-0.0049i	0.0007-0.0098i	0.0188-0.0112i	-0.0150+0.0031i	0.8338-1.1530i	-0.3108-0.2241i	0.4708-0.7661i	-0.1239-0.2836i
20.2	0.0037-0.0034i	-0.0007-0.0084i	0.0175-0.0103i	-0.0154+0.0037i	0.7506-1.1252i	-0.3743-0.1847i	0.4190-0.7458i	-0.1760-0.2473i
20.3	0.0031-0.0014i	-0.0014-0.0067i	0.0167-0.0092i	-0.0155+0.0045i	0.6360-1.0251i	-0.3842-0.1264i	0.3611-0.7057i	-0.1926-0.1979i
20.4	0.0031-0.0013i	-0.0016-0.0059i	0.0164-0.0088i	-0.0159+0.0044i	0.6372-0.9602i	-0.3448-0.0885i	0.3388-0.6666i	-0.1736-0.1682i
20.5	0.0029-0.0004i	-0.0017-0.0049i	0.0165-0.0080i	-0.0159+0.0049i	0.6206-0.8956i	-0.3148-0.0956i	0.3219-0.6372i	-0.1592-0.1639i
20.6	0.0032-0.0000i	-0.0023-0.0043i	0.0164-0.0077i	-0.0157+0.0052i	0.5993-0.8478i	-0.3389-0.1135i	0.3029-0.5968i	-0.1750-0.1647i
20.7	0.0030+0.0005i	-0.0024-0.0039i	0.0164-0.0074i	-0.0160+0.0056i	0.6153-0.8051i	-0.3458-0.0821i	0.2937-0.5717i	-0.1806-0.1424i
20.8	0.0038+0.0015i	-0.0018-0.0030i	0.0170-0.0066i	-0.0158+0.0060i	0.6140-0.7853i	-0.3074-0.0607i	0.2842-0.5615i	-0.1530-0.1219i
20.9	0.0038+0.0018i	-0.0021-0.0026i	0.0168-0.0065i	-0.0160+0.0059i	0.5958-0.7867i	-0.2803-0.0943i	0.2717-0.5503i	-0.1385-0.1405i
21.0	0.0045+0.0022i	-0.0020-0.0018i	0.0170-0.0066i	-0.0159+0.0059i	0.5906-0.7696i	-0.3076-0.1096i	0.2683-0.5493i	-0.1559-0.1551i
21.1	0.0035+0.0020i	-0.0026-0.0017i	0.0171-0.0062i	-0.0161+0.0063i	0.5442-0.7603i	-0.3489-0.1217i	0.2627-0.5446i	-0.1875-0.1640i
21.2	0.0042+0.0014i	-0.0017-0.0022i	0.0175-0.0067i	-0.0159+0.0064i	0.5628-0.8219i	-0.3619-0.1107i	0.2584-0.5577i	-0.1930-0.1579i
21.3	0.0052+0.0015i	-0.0004-0.0020i	0.0182-0.0069i	-0.0158+0.0069i	0.5509-0.8578i	-0.3405-0.0886i	0.2364-0.5927i	-0.1855-0.1478i
21.4	0.0058+0.0028i	0.0010-0.0004i	0.0185-0.0062i	-0.0151+0.0085i	0.4822-0.8887i	-0.3244-0.0535i	0.1962-0.6159i	-0.1832-0.1263i
21.5	0.0078+0.0020i	0.0040-0.0012i	0.0196-0.0070i	-0.0130+0.0077i	0.4158-0.8736i	-0.3009-0.0679i	0.1352-0.6191i	-0.1703-0.1356i
21.6	0.0088+0.0006i	0.0040-0.0030i	0.0199-0.0080i	-0.0123+0.0068i	0.3288-0.8223i	-0.3127-0.0682i	0.0897-0.6141i	-0.1806-0.1313i
21.7	0.0092-0.0013i	0.0044-0.0051i	0.0196-0.0092i	-0.0118+0.0061i	0.2909-0.8536i	-0.2987-0.0869i	0.0451-0.6041i	-0.1765-0.1432i
21.8	0.0077+0.0000i	0.0036-0.0024i	0.0184-0.0082i	-0.0121+0.0074i	0.2715-0.8587i	-0.2952-0.0479i	-0.0004-0.5834i	-0.1862-0.1112i
21.9	0.0043-0.0030i	-0.0007-0.0068i	0.0158-0.0106i	-0.0142+0.0048i	0.1794-0.8275i	-0.3590-0.0848i	-0.0645-0.5607i	-0.2385-0.1413i
22.0	0.0037-0.0027i	-0.0011-0.0064i	0.0152-0.0102i	-0.0142+0.0047i	0.0248-0.7664i	-0.3452-0.0622i	-0.1124-0.5192i	-0.2432-0.1197i
22.1	0.0022-0.0028i	-0.0032-0.0069i	0.0137-0.0101i	-0.0152+0.0039i	-0.0001-0.6684i	-0.3639-0.0616i	-0.1465-0.4747i	-0.2675-0.1119i
22.2	-0.0008-0.0016i	-0.0077-0.0053i	0.0108-0.0090i	-0.0174+0.0045i	-0.0433-0.5909i	-0.3948-0.0216i	-0.1730-0.4332i	-0.2967-0.0761i
22.3	-0.0032-0.0003i	-0.0109-0.0045i	0.0096-0.0081i	-0.0186+0.0053i	-0.0601-0.5416i	-0.4060+0.0016i	-0.2053-0.3905i	-0.3107-0.0514i
22.4	-0.0030+0.0007i	-0.0105-0.0043i	0.0094-0.0070i	-0.0183+0.0051i	-0.0633-0.4726i	-0.3851+0.0046i	-0.2243-0.3473i	-0.2967-0.0430i
22.5	-0.0037+0.0038i	-0.0108-0.0008i	0.0085-0.0045i	-0.0185+0.0063i	-0.0968-0.3934i	-0.3702+0.0442i	-0.2285-0.2892i	-0.2890-0.0031i
22.6	-0.0034+0.0060i	-0.0106+0.0025i	0.0085-0.0019i	-0.0187+0.0076i	-0.0980-0.2800i	-0.3655+0.0754i	-0.2267-0.2209i	-0.2849+0.0278i
22.7	-0.0025+0.0090i	-0.0096+0.0062i	0.0096+0.0004i	-0.0184+0.0092i	-0.0736-0.2422i	-0.3531+0.1201i	-0.2213-0.1769i	-0.2749+0.0716i
22.8	-0.0002+0.0125i	-0.0065+0.0089i	0.0118+0.0023i	-0.0168+0.0110i	-0.0823-0.2087i	-0.3200+0.1541i	-0.1957-0.1421i	-0.2428+0.1068i
22.9	0.0027+0.0143i	-0.0033+0.0110i	0.0143+0.0038i	-0.0150+0.0119i	-0.0263-0.1508i	-0.2851+0.1891i	-0.1698-0.1208i	-0.2113+0.1352i
23.0	0.0071+0.0143i	0.0009+0.0117i	0.0175+0.0039i	-0.0124+0.0122i	0.0100-0.1255i	-0.2185+0.2105i	-0.1498-0.1171i	-0.1610+0.1497i
23.1	0.0110+0.0130i	0.0036+0.0106i	0.0196+0.0034i	-0.0105+0.0112i	0.0013-0.1767i	-0.1531+0.1863i	-0.1518-0.1041i	-0.1078+0.1326i
23.2	0.0120+0.0114i	0.0053+0.0080i	0.0209+0.0026i	-0.0102+0.0097i	0.0485-0.1374i	-0.1287+0.1545i	-0.1325-0.0778i	-0.0869+0.1117i
23.3	0.0149+0.0092i	0.0081+0.0057i	0.0222+0.0015i	-0.0089+0.0084i	0.0679-0.0722i	-0.0832+0.1186i	-0.1135-0.0561i	-0.0527+0.0876i
23.4	0.0172+0.0059i	0.0100+0.0024i	0.0235-0.0004i	-0.0076+0.0063i	0.0442-0.0691i	-0.0649+0.0869i	-0.1014-0.0499i	-0.0343+0.0623i
23.5	0.0172+0.0025i	0.0089-0.0010i	0.0240-0.0030i	-0.0081+0.0037i	0.0936-0.0418i	-0.0655+0.0436i	-0.0816-0.0441i	-0.0320+0.0314i
23.6	0.0163+0.0009i	0.0083-0.0026i	0.0242-0.0041i	-0.0092+0.0027i	0.1662-0.0865i	-0.0661+0.0337i	-0.0681-0.0429i	-0.0315+0.0209i
23.7	0.0156-0.0009i	0.0080-0.0048i	0.0245-0.0057i	-0.0098+0.0017i	0.1795-0.0694i	-0.0732+0.0057i	-0.0593-0.0367i	-0.0354+0.0018i
23.8	0.0138-0.0040i	0.0060-0.0079i	0.0236-0.0073i	-0.0112+0.0003i	0.2206-0.1045i	-0.0729-0.0216i	-0.0454-0.0403i	-0.0305-0.0238i
23.9	0.0116-0.0053i	0.0033-0.0089i	0.0219-0.0080i	-0.0129-0.0005i	0.2271-0.1148i	-0.0873-0.0263i	-0.0404-0.0523i	-0.0481-0.0349i
24.0	0.0103-0.0046i	0.0015-0.0080i	0.0207-0.0076i	-0.0138-0.0000i	0.2001-0.0946i	-0.0889-0.0172i	-0.0355-0.0595i	-0.0495-0.0244i
24.1	0.0084-0.0031i	-0.0014-0.0071i	0.0193-0.0069i	-0.0157+0.0011i	0.1812-0.1050i	-0.1027-0.0076i	-0.0299-0.0726i	-0.0587-0.0207i
24.2	0.0063-0.0028i	-0.0033-0.0061i	0.0184-0.0069i	-0.0173+0.0017i	0.1862-0.1656i	-0.1108-0.0089i	-0.0327-0.0816i	-0.0713-0.0255i
24.3	0.0052-0.0032i	-0.0038-0.0060i	0.0176-0.0070i	-0.0177+0.0015i	0.1935-0.1781i	-0.1090-0.0229i	-0.0373-0.0830i	-0.0807-0.0336i
24.4	0.0046-0.0024i	-0.0041-0.0047i	0.0176-0.0067i	-0.0181+0.0023i	0.1891-0.1436i	-0.1113-0.0328i	-0.0448-0.0883i	-0.0814-0.0402i
24.5	0.0046-0.0017i	-0.0044-0.0044i	0.0176-0.0064i	-0.0187+0.0022i	0.1790-0.1567i	-0.1164-0.0352i	-0.0510-0.0938i	-0.0884-0.0418i

24.6	0.0043-0.0012i	-0.0052-0.0037i	0.0174-0.0059i	-0.0193+0.0021i	0.1746-0.1624i	-0.1405-0.0380i	-0.0486-0.1005i	-0.1045-0.0453i
24.7	0.0043-0.0014i	-0.0050-0.0029i	0.0177-0.0058i	-0.0194+0.0025i	0.1419-0.1696i	-0.1652-0.0278i	-0.0551-0.1008i	-0.1239-0.0359i
24.8	0.0039-0.0007i	-0.0050-0.0020i	0.0178-0.0052i	-0.0197+0.0040i	0.1524-0.1786i	-0.1749-0.0287i	-0.0572-0.1024i	-0.1306-0.0320i
24.9	0.0034+0.0006i	-0.0052-0.0013i	0.0180-0.0047i	-0.0203+0.0046i	0.1523-0.1743i	-0.1697-0.0135i	-0.0511-0.1104i	-0.1279-0.0168i
25.0	0.0035+0.0008i	-0.0051-0.0005i	0.0180-0.0048i	-0.0201+0.0051i	0.1592-0.1730i	-0.1748+0.0012i	-0.0529-0.1207i	-0.1258-0.0072i
25.1	0.0030+0.0009i	-0.0060+0.0001i	0.0177-0.0050i	-0.0210+0.0054i	0.1463-0.1923i	-0.1746+0.0397i	-0.0549-0.1392i	-0.1322+0.0143i
25.2	0.0032+0.0016i	-0.0056+0.0001i	0.0177-0.0044i	-0.0212+0.0061i	0.1365-0.2275i	-0.1638+0.0511i	-0.0671-0.1594i	-0.1264+0.0216i
25.3	0.0031+0.0018i	-0.0060+0.0003i	0.0173-0.0047i	-0.0215+0.0063i	0.1476-0.2449i	-0.1714+0.0572i	-0.0798-0.1773i	-0.1320+0.0232i
25.4	0.0027+0.0020i	-0.0066+0.0009i	0.0170-0.0054i	-0.0218+0.0075i	0.0916-0.2568i	-0.1859+0.0666i	-0.1178-0.1947i	-0.1571+0.0297i
25.5	0.0027+0.0031i	-0.0065+0.0015i	0.0172-0.0047i	-0.0216+0.0086i	0.0549-0.2684i	-0.1994+0.0924i	-0.1549-0.2050i	-0.1697+0.0450i
25.6	0.0021+0.0045i	-0.0073+0.0035i	0.0167-0.0035i	-0.0221+0.0095i	-0.0095-0.2703i	-0.1967+0.1388i	-0.1901-0.2021i	-0.1764+0.0866i
25.7	0.0025+0.0062i	-0.0074+0.0055i	0.0171-0.0021i	-0.0222+0.0111i	-0.0246-0.2187i	-0.1860+0.1952i	-0.2145-0.2001i	-0.1715+0.1353i
25.8	0.0036+0.0077i	-0.0063+0.0069i	0.0181-0.0016i	-0.0211+0.0121i	-0.0629-0.2063i	-0.1326+0.2610i	-0.2296-0.2010i	-0.1347+0.1844i
25.9	0.0051+0.0088i	-0.0050+0.0075i	0.0186-0.0018i	-0.0200+0.0132i	-0.0874-0.2203i	-0.0841+0.2841i	-0.2576-0.2122i	-0.1017+0.2000i
26.0	0.0060+0.0101i	-0.0040+0.0099i	0.0189-0.0010i	-0.0196+0.0150i	-0.1248-0.1743i	-0.0499+0.3085i	-0.3069-0.1892i	-0.0829+0.2230i
26.1	0.0074+0.0111i	-0.0025+0.0113i	0.0199-0.0001i	-0.0180+0.0157i	-0.1379-0.1619i	0.0065+0.3498i	-0.3438-0.1579i	-0.0420+0.2552i
26.2	0.0103+0.0114i	0.0008+0.0123i	0.0221+0.0004i	-0.0153+0.0165i	-0.1633-0.1434i	0.0932+0.3481i	-0.3638-0.1290i	0.0249+0.2662i
26.3	0.0144+0.0119i	0.0057+0.0138i	0.0244+0.0008i	-0.0124+0.0176i	-0.1657-0.1297i	0.2101+0.3355i	-0.3850-0.0988i	0.1206+0.2630i
26.4	0.0165+0.0123i	0.0085+0.0143i	0.0255+0.0005i	-0.0108+0.0177i	-0.1983-0.0753i	0.2991+0.3180i	-0.4098-0.0610i	0.1927+0.2567i
26.5	0.0195+0.0105i	0.0126+0.0136i	0.0281-0.0002i	-0.0078+0.0170i	-0.2293-0.0448i	0.3797+0.2551i	-0.4138-0.0153i	0.2596+0.2159i
26.6	0.0222+0.0058i	0.0169+0.0096i	0.0303-0.0034i	-0.0050+0.0141i	-0.1672+0.0086i	0.4402+0.1582i	-0.3858+0.0094i	0.3110+0.1373i
26.7	0.0239+0.0009i	0.0201+0.0033i	0.0316-0.0070i	-0.0027+0.0096i	-0.1237+0.0116i	0.4780+0.0381i	-0.3605+0.0077i	0.3436+0.0293i
26.8	0.0223-0.0024i	0.0194-0.0024i	0.0308-0.0094i	-0.0034+0.0056i	-0.1130-0.0174i	0.4416-0.0651i	-0.3596+0.0020i	0.3139-0.0533i
26.9	0.0206-0.0045i	0.0172-0.0064i	0.0292-0.0110i	-0.0045+0.0038i	-0.1046-0.0662i	0.4020-0.1269i	-0.3704-0.0044i	0.2767-0.1066i
27.0	0.0196-0.0066i	0.0161-0.0101i	0.0280-0.0129i	-0.0053+0.0022i	-0.1121-0.1042i	0.3887-0.1870i	-0.4004-0.0079i	0.2603-0.1583i
27.1	0.0184-0.0083i	0.0142-0.0129i	0.0268-0.0143i	-0.0062+0.0005i	-0.1380-0.0942i	0.3553-0.2239i	-0.4214+0.0040i	0.2316-0.1913i
27.2	0.0179-0.0105i	0.0124-0.0155i	0.0258-0.0156i	-0.0070-0.0013i	-0.2206-0.0675i	0.3216-0.2850i	-0.4386+0.0282i	0.2081-0.2362i
27.3	0.0159-0.0118i	0.0096-0.0167i	0.0241-0.0164i	-0.0089-0.0025i	-0.2494-0.0457i	0.2705-0.3221i	-0.4423+0.0513i	0.1646-0.2644i
27.4	0.0139-0.0122i	0.0063-0.0176i	0.0231-0.0162i	-0.0105-0.0036i	-0.2282-0.0347i	0.2091-0.3123i	-0.4386+0.0634i	0.1110-0.2660i
27.5	0.0138-0.0133i	0.0055-0.0189i	0.0229-0.0167i	-0.0111-0.0045i	-0.2652-0.0242i	0.1981-0.3435i	-0.4527+0.0737i	0.0976-0.2850i
27.6	0.0122-0.0158i	0.0041-0.0216i	0.0219-0.0185i	-0.0122-0.0062i	-0.3262+0.0250i	0.1655-0.3943i	-0.4692+0.0881i	0.0678-0.3318i
27.7	0.0080-0.0186i	0.0007-0.0240i	0.0195-0.0205i	-0.0152-0.0083i	-0.3722+0.0296i	0.0994-0.4574i	-0.4858+0.1065i	0.0087-0.3726i
27.8	0.0024-0.0195i	-0.0062-0.0247i	0.0151-0.0208i	-0.0194-0.0092i	-0.3427+0.0393i	-0.0068-0.4716i	-0.4942+0.1310i	-0.0900-0.3755i
27.9	-0.0020-0.0177i	-0.0104-0.0234i	0.0125-0.0197i	-0.0226-0.0082i	-0.3774+0.0651i	-0.0711-0.4456i	-0.4954+0.1465i	-0.1491-0.3475i
28.0	-0.0050-0.0148i	-0.0131-0.0203i	0.0110-0.0176i	-0.0248-0.0063i	-0.3971+0.0860i	-0.1468-0.3933i	-0.4999+0.1644i	-0.2070-0.3039i
28.1	-0.0082-0.0099i	-0.0167-0.0158i	0.0083-0.0149i	-0.0268-0.0029i	-0.4214+0.1239i	-0.2125-0.3080i	-0.5125+0.1636i	-0.2637-0.2254i
28.2	-0.0087-0.0054i	-0.0178-0.0122i	0.0075-0.0110i	-0.0269+0.0001i	-0.4702+0.1608i	-0.1864-0.2112i	-0.5481+0.1738i	-0.2663-0.1419i
28.3	-0.0074-0.0012i	-0.0177-0.0086i	0.0083-0.0076i	-0.0270+0.0014i	-0.4947+0.1908i	-0.1494-0.1372i	-0.5661+0.2262i	-0.2422-0.0723i
28.4	-0.0059+0.0006i	-0.0172-0.0065i	0.0099-0.0063i	-0.0277+0.0022i	-0.4053+0.2739i	-0.1467-0.1088i	-0.5475+0.2764i	-0.2295-0.0492i
28.5	-0.0049+0.0017i	-0.0166-0.0052i	0.0110-0.0059i	-0.0280+0.0032i	-0.3795+0.3443i	-0.1373-0.0975i	-0.5371+0.2918i	-0.2150-0.0363i
28.6	-0.0039+0.0033i	-0.0165-0.0035i	0.0122-0.0054i	-0.0283+0.0047i	-0.4387+0.3768i	-0.1201-0.0563i	-0.5411+0.2994i	-0.2002-0.0060i
28.7	-0.0033+0.0057i	-0.0165-0.0010i	0.0129-0.0041i	-0.0285+0.0064i	-0.4392+0.3843i	-0.0954-0.0127i	-0.5502+0.3183i	-0.1877+0.0283i
28.8	-0.0014+0.0062i	-0.0154-0.0003i	0.0140-0.0032i	-0.0274+0.0071i	-0.3630+0.4177i	-0.0669-0.0206i	-0.5512+0.3425i	-0.1684+0.0316i
28.9	0.0000+0.0059i	-0.0148-0.0003i	0.0149-0.0035i	-0.0271+0.0076i	-0.3979+0.4501i	-0.0723-0.0414i	-0.5608+0.3718i	-0.1576+0.0325i
29.0	0.0013+0.0072i	-0.0143+0.0018i	0.0157-0.0035i	-0.0268+0.0087i	-0.4559+0.4801i	-0.0616-0.0239i	-0.5766+0.3996i	-0.1519+0.0471i
29.1	0.0020+0.0072i	-0.0139+0.0031i	0.0167-0.0033i	-0.0261+0.0102i	-0.4127+0.4662i	-0.0321-0.0087i	-0.5758+0.4430i	-0.1380+0.0604i
29.2	0.0033+0.0056i	-0.0128+0.0023i	0.0171-0.0040i	-0.0253+0.0104i	-0.3449+0.4971i	-0.0219-0.0407i	-0.5677+0.4743i	-0.1221+0.0510i
29.3	0.0046+0.0047i	-0.0122+0.0032i	0.0173-0.0045i	-0.0248+0.0107i	-0.3499+0.5477i	0.0159-0.0469i	-0.5582+0.5114i	-0.0979+0.0514i
29.4	0.0045+0.0048i	-0.0120+0.0044i	0.0177-0.0044i	-0.0246+0.0114i	-0.3598+0.6386i	0.0367-0.0264i	-0.5538+0.5593i	-0.0821+0.0623i
29.5	0.0047+0.0045i	-0.0108+0.0044i	0.0179-0.0051i	-0.0239+0.0114i	-0.3334+0.6784i	0.0509-0.0192i	-0.5289+0.6080i	-0.0732+0.0713i
29.6	0.0057+0.0045i	-0.0098+0.0043i	0.0184-0.0051i	-0.0240+0.0112i	-0.3055+0.7286i	0.0305-0.0326i	-0.4908+0.6305i	-0.0777+0.0613i
29.7	0.0056+0.0038i	-0.0096+0.0048i	0.0183-0.0054i	-0.0239+0.0117i	-0.2089+0.7217i	0.0092-0.0436i	-0.4537+0.6595i	-0.0851+0.0593i
29.8	0.0057+0.0035i	-0.0094+0.0055i	0.0186-0.0054i	-0.0241+0.0124i	-0.2276+0.7372i	0.0163-0.0558i	-0.4286+0.6795i	-0.0817+0.0628i
29.9	0.0061+0.0027i	-0.0081+0.0052i	0.0189-0.0061i	-0.0232+0.0128i	-0.2294+0.7904i	0.0644-0.0690i	-0.4062+0.7112i	-0.0480+0.0651i
30.0	0.0047+0.0029i	-0.0069+0.0058i	0.0192-0.0056i	-0.0228+0.0130i	-0.1358+0.7677i	0.0551-0.0378i	-0.3591+0.7269i	-0.0460+0.0784i
30.1	0.0037+0.0029i	-0.0058+0.0060i	0.0191-0.0059i	-0.0229+0.0130i	-0.0951+0.7695i	0.0403-0.0354i	-0.3201+0.7252i	-0.0479+0.0813i
30.2	0.0026+0.0029i	-0.0031+0.0054i	0.0186-0.0064i	-0.0223+0.0134i	-0.0424+0.8196i	0.0397-0.0365i	-0.2723+0.7174i	-0.0403+0.0770i
30.3	0.0015+0.0036i	-0.0018+0.0032i	0.0185-0.0074i	-0.0218+0.0130i	-0.0036+0.8144i	0.0514-0.0283i	-0.2463+0.7062i	-0.0344+0.0746i
30.4	0.0011+0.0060i	-0.0030+0.0001i	0.0179-0.0074i	-0.0217+0.0130i	0.0064+0.8092i	0.0573-0.0395i	-0.2445+0.7121i	-0.0307+0.0756i
30.5	0.0013+0.0078i	-0.0051-0.0012i	0.0169-0.0070i	-0.0222+0.0132i	0.0231+0.8083i	0.0674-0.0399i	-0.2263+0.7305i	-0.0274+0.0759i
30.6	0.0020+0.0084i	-0.0075-0.0011i	0.0160-0.0069i	-0.0222+0.0135i	0.0864+0.7788i	0.0492-0.0431i	-0.1836+0.7446i	-0.0339+0.0743i
30.7	0.0024+0.0082i	-0.0096-0.0003i	0.0153-0.0069i	-0.0219+0.0140i	0.1497+0.8168i	0.0266-0.0478i	-0.1179+0.7383i	-0.0471+0.0746i
30.8	0.0021+0.0093i	-0.0111+0.0014i	0.0147-0.0052i	-0.0226+0.0142i	0.1938+0.7913i	-0.0019-0.0228i	-0.0729+0.7086i	-0.0639+0.0863i

30.9	0.0022+0.0104i	-0.0110+0.0032i	0.0149-0.0039i	-0.0225+0.0146i	0.1945+0.7311i	0.0245-0.0002i	-0.0555+0.6693i	-0.0482+0.1001i
31.0	0.0020+0.0118i	-0.0105+0.0043i	0.0148-0.0032i	-0.0225+0.0148i	0.2264+0.7169i	0.0355+0.0190i	-0.0350+0.6476i	-0.0403+0.1151i
31.1	0.0015+0.0139i	-0.0102+0.0059i	0.0153-0.0015i	-0.0229+0.0163i	0.2175+0.6732i	0.0239+0.0281i	-0.0123+0.6037i	-0.0391+0.1350i
31.2	0.0031+0.0165i	-0.0091+0.0070i	0.0160-0.0002i	-0.0219+0.0177i	0.2560+0.6389i	0.0459+0.0657i	-0.0014+0.5666i	-0.0162+0.1594i
31.3	0.0043+0.0176i	-0.0081+0.0071i	0.0169+0.0001i	-0.0215+0.0180i	0.2809+0.5938i	0.0766+0.0910i	0.0008+0.5365i	0.0035+0.1684i
31.4	0.0056+0.0183i	-0.0071+0.0070i	0.0184-0.0003i	-0.0199+0.0179i	0.3039+0.5509i	0.1090+0.0859i	-0.0121+0.5058i	0.0307+0.1677i
31.5	0.0064+0.0196i	-0.0068+0.0071i	0.0189+0.0004i	-0.0197+0.0177i	0.2392+0.5024i	0.1340+0.0837i	-0.0311+0.4714i	0.0532+0.1655i
31.6	0.0085+0.0196i	-0.0050+0.0070i	0.0198+0.0005i	-0.0189+0.0176i	0.2274+0.4503i	0.1605+0.0722i	-0.0470+0.4518i	0.0760+0.1608i
31.7	0.0099+0.0214i	-0.0038+0.0075i	0.0205+0.0018i	-0.0180+0.0187i	0.2320+0.4530i	0.1773+0.0885i	-0.0660+0.4387i	0.0887+0.1678i
31.8	0.0139+0.0252i	-0.0030+0.0081i	0.0229+0.0032i	-0.0167+0.0202i	0.2204+0.4598i	0.2145+0.1142i	-0.0946+0.4191i	0.1166+0.1763i
31.9	0.0174+0.0269i	-0.0011+0.0078i	0.0242+0.0031i	-0.0154+0.0202i	0.2047+0.4438i	0.2751+0.0930i	-0.1167+0.4068i	0.1575+0.1626i
32.0	0.0190+0.0261i	0.0001+0.0070i	0.0252+0.0027i	-0.0141+0.0197i	0.2135+0.4364i	0.2965+0.0759i	-0.1276+0.3976i	0.1765+0.1495i
32.1	0.0227+0.0265i	0.0009+0.0068i	0.0267+0.0028i	-0.0129+0.0198i	0.1729+0.4111i	0.3389+0.0534i	-0.1480+0.3939i	0.2034+0.1358i
32.2	0.0284+0.0253i	0.0032+0.0050i	0.0294+0.0017i	-0.0108+0.0189i	0.1662+0.4178i	0.3837+0.0328i	-0.1789+0.3852i	0.2395+0.1062i
32.3	0.0327+0.0212i	0.0044+0.0018i	0.0316-0.0007i	-0.0093+0.0160i	0.1140+0.3870i	0.4045-0.0177i	-0.2053+0.3769i	0.2651+0.0634i
32.4	0.0368+0.0171i	0.0061-0.0010i	0.0341-0.0026i	-0.0078+0.0127i	0.0810+0.3697i	0.4308-0.0801i	-0.2401+0.3780i	0.2846+0.0050i
32.5	0.0381+0.0136i	0.0046-0.0038i	0.0344-0.0043i	-0.0085+0.0103i	0.0664+0.3462i	0.4255-0.1267i	-0.2804+0.3811i	0.2706-0.0472i
32.6	0.0389+0.0079i	0.0037-0.0077i	0.0346-0.0076i	-0.0093+0.0070i	0.0302+0.3388i	0.4020-0.1748i	-0.3037+0.3824i	0.2422-0.1034i
32.7	0.0387+0.0023i	0.0022-0.0114i	0.0344-0.0104i	-0.0105+0.0040i	0.0106+0.3438i	0.3743-0.2162i	-0.3368+0.3899i	0.2092-0.1548i
32.8	0.0374-0.0030i	0.0001-0.0138i	0.0338-0.0138i	-0.0126+0.0024i	-0.0463+0.3840i	0.3563-0.2623i	-0.3860+0.4217i	0.1859-0.1909i
32.9	0.0319-0.0069i	-0.0032-0.0168i	0.0318-0.0160i	-0.0161+0.0005i	-0.0978+0.4152i	0.3039-0.3136i	-0.4232+0.4376i	0.1233-0.2285i
33.0	0.0252-0.0090i	-0.0082-0.0198i	0.0278-0.0185i	-0.0208-0.0010i	-0.1786+0.4180i	0.2270-0.3523i	-0.4613+0.4666i	0.0433-0.2680i
33.1	0.0182-0.0093i	-0.0145-0.0205i	0.0241-0.0197i	-0.0265-0.0009i	-0.2135+0.4396i	0.1273-0.3429i	-0.5145+0.5019i	-0.0621-0.2602i
33.2	0.0122-0.0042i	-0.0198-0.0199i	0.0205-0.0184i	-0.0312+0.0021i	-0.2509+0.5169i	0.0664-0.3087i	-0.5577+0.5348i	-0.1437-0.2264i
33.3	0.0078+0.0025i	-0.0253-0.0151i	0.0171-0.0147i	-0.0344+0.0072i	-0.3317+0.6062i	-0.0042-0.2319i	-0.5927+0.6176i	-0.2235-0.1384i
33.4	0.0073+0.0085i	-0.0293-0.0097i	0.0155-0.0123i	-0.0363+0.0122i	-0.3578+0.7430i	-0.0459-0.1463i	-0.6109+0.7169i	-0.2739-0.0324i
33.5	0.0095+0.0146i	-0.0298-0.0039i	0.0164-0.0093i	-0.0352+0.0176i	-0.3050+0.8648i	-0.0200-0.0466i	-0.5954+0.8090i	-0.2589+0.0802i
33.6	0.0128+0.0182i	-0.0307-0.0003i	0.0174-0.0070i	-0.0336+0.0214i	-0.2496+0.9076i	-0.0180+0.0192i	-0.5671+0.9055i	-0.2414+0.1584i
33.7	0.0163+0.0199i	-0.0305+0.0030i	0.0179-0.0055i	-0.0319+0.0237i	-0.1487+0.9652i	0.0115+0.0687i	-0.5020+0.9585i	-0.2058+0.2177i
33.8	0.0198+0.0235i	-0.0273+0.0088i	0.0196-0.0024i	-0.0295+0.0270i	-0.0330+0.9676i	0.0822+0.1442i	-0.4194+0.9758i	-0.1254+0.2974i
33.9	0.0232+0.0274i	-0.0249+0.0132i	0.0213+0.0004i	-0.0265+0.0301i	-0.0055+0.9624i	0.1504+0.2137i	-0.3920+0.9819i	-0.0616+0.3580i
34.0	0.0295+0.0289i	-0.0205+0.0152i	0.0244+0.0007i	-0.0225+0.0316i	0.0497+0.9692i	0.2605+0.2244i	-0.3589+0.9809i	0.0348+0.3779i
34.1	0.0354+0.0280i	-0.0159+0.0128i	0.0277-0.0003i	-0.0187+0.0303i	0.1048+0.9658i	0.3275+0.1936i	-0.3267+0.9817i	0.1128+0.3460i
34.2	0.0388+0.0248i	-0.0132+0.0082i	0.0299-0.0030i	-0.0164+0.0275i	0.0967+0.9576i	0.3805+0.1419i	-0.3127+0.9935i	0.1633+0.2891i
34.3	0.0419+0.0239i	-0.0115+0.0071i	0.0312-0.0043i	-0.0144+0.0270i	0.0891+0.9780i	0.4217+0.1149i	-0.3170+1.0039i	0.2049+0.2627i
34.4	0.0460+0.0222i	-0.0118+0.0045i	0.0324-0.0060i	-0.0133+0.0253i	0.1174+0.9513i	0.4388+0.0889i	-0.3101+1.0115i	0.2319+0.2254i
34.5	0.0479+0.0195i	-0.0110+0.0009i	0.0338-0.0084i	-0.0124+0.0241i	0.0876+0.9548i	0.4516+0.0189i	-0.3128+1.0219i	0.2543+0.1720i
34.6	0.0489+0.0189i	-0.0136-0.0019i	0.0330-0.0100i	-0.0128+0.0233i	0.0535+0.9344i	0.4475+0.0017i	-0.3197+1.0507i	0.2463+0.1495i
34.7	0.0512+0.0179i	-0.0165-0.0033i	0.0327-0.0114i	-0.0128+0.0230i	0.0735+0.9202i	0.4521-0.0134i	-0.3150+1.0850i	0.2359+0.1317i
34.8	0.0545+0.0173i	-0.0185-0.0041i	0.0330-0.0120i	-0.0123+0.0231i	0.0947+0.9993i	0.4818-0.0255i	-0.3142+1.1145i	0.2495+0.1315i
34.9	0.0571+0.0156i	-0.0207-0.0061i	0.0322-0.0134i	-0.0126+0.0223i	0.0965+1.0508i	0.4808-0.0666i	-0.3106+1.1490i	0.2356+0.1012i
35.0	0.0600+0.0145i	-0.0231-0.0076i	0.0319-0.0147i	-0.0122+0.0225i	0.0959+1.0551i	0.5129-0.0985i	-0.3111+1.2007i	0.2499+0.0816i
35.1	0.0629+0.0126i	-0.0265-0.0066i	0.0320-0.0160i	-0.0123+0.0226i	0.1140+1.0997i	0.5070-0.0975i	-0.2982+1.2398i	0.2531+0.0777i
35.2	0.0667+0.0118i	-0.0292-0.0061i	0.0317-0.0163i	-0.0117+0.0226i	0.1276+1.1324i	0.5162-0.1058i	-0.2885+1.2818i	0.2639+0.0742i
35.3	0.0719+0.0108i	-0.0324-0.0055i	0.0315-0.0163i	-0.0101+0.0230i	0.1264+1.1257i	0.5530-0.1284i	-0.2711+1.3604i	0.2910+0.0660i
35.4	0.0766+0.0081i	-0.0365-0.0045i	0.0312-0.0180i	-0.0093+0.0233i	0.1634+1.2315i	0.5404-0.1539i	-0.2332+1.4356i	0.2861+0.0483i
35.5	0.0800+0.0046i	-0.0403-0.0046i	0.0305-0.0195i	-0.0084+0.0229i	0.1915+1.2801i	0.5467-0.1847i	-0.2007+1.4802i	0.2895+0.0268i
35.6	0.0835-0.0007i	-0.0431-0.0035i	0.0297-0.0204i	-0.0075+0.0217i	0.2385+1.2941i	0.5483-0.2163i	-0.1451+1.5403i	0.2914-0.0037i
35.7	0.0862-0.0046i	-0.0467-0.0017i	0.0287-0.0219i	-0.0080+0.0211i	0.3455+1.3117i	0.5298-0.2512i	-0.0865+1.5929i	0.2738-0.0202i
35.8	0.0903-0.0086i	-0.0512+0.0003i	0.0284-0.0233i	-0.0069+0.0205i	0.4445+1.3698i	0.5236-0.2484i	-0.0209+1.6390i	0.2703-0.0229i
35.9	0.0946-0.0143i	-0.0533+0.0027i	0.0285-0.0242i	-0.0053+0.0196i	0.4743+1.3961i	0.5455-0.2729i	0.0619+1.6712i	0.2855-0.0460i
36.0	0.0973-0.0206i	-0.0557+0.0057i	0.0275-0.0251i	-0.0049+0.0186i	0.5210+1.4071i	0.5361-0.3114i	0.1371+1.6903i	0.2868-0.0731i
36.1	0.1002-0.0282i	-0.0592+0.0091i	0.0269-0.0261i	-0.0040+0.0169i	0.6080+1.3931i	0.5057-0.3257i	0.2318+1.7091i	0.2803-0.0980i
36.2	0.1024-0.0362i	-0.0639+0.0130i	0.0242-0.0263i	-0.0039+0.0150i	0.6881+1.4043i	0.4975-0.3354i	0.3189+1.7233i	0.2680-0.1098i
36.3	0.1037-0.0427i	-0.0678+0.0157i	0.0223-0.0274i	-0.0043+0.0141i	0.7344+1.4291i	0.4709-0.3266i	0.3796+1.7322i	0.2337-0.1150i
36.4	0.1033-0.0529i	-0.0709+0.0217i	0.0210-0.0285i	-0.0047+0.0120i	0.8524+1.3788i	0.4603-0.3156i	0.4883+1.7201i	0.2157-0.1255i
36.5	0.1012-0.0633i	-0.0742+0.0266i	0.0185-0.0300i	-0.0066+0.0098i	0.8655+1.3314i	0.4194-0.3540i	0.5715+1.6916i	0.1879-0.1567i
36.6	0.0984-0.0715i	-0.0789+0.0330i	0.0152-0.0299i	-0.0084+0.0085i	0.9429+1.3526i	0.3669-0.3951i	0.6577+1.6890i	0.1434-0.1892i
36.7	0.0960-0.0788i	-0.0848+0.0405i	0.0113-0.0285i	-0.0109+0.0077i	1.0630+1.2502i	0.3206-0.4017i	0.7350+1.6451i	0.0888-0.1930i
36.8	0.0957-0.0843i	-0.0881+0.0476i	0.0098-0.0268i	-0.0114+0.0083i	1.0654+1.2301i	0.3305-0.3843i	0.7613+1.6013i	0.0783-0.1796i
36.9	0.0904-0.0929i	-0.0909+0.0596i	0.0068-0.0258i	-0.0137+0.0087i	1.0635+1.1556i	0.2872-0.3515i	0.7952+1.5583i	0.0427-0.1530i
37.0	0.0867-0.0951i	-0.0923+0.0705i	0.0051-0.0223i	-0.0159+0.0121i	1.0855+1.1207i	0.2905-0.2980i	0.8200+1.5081i	0.0196-0.0880i
37.1	0.0884-0.1012i	-0.0919+0.0819i	0.0066-0.0196i	-0.0151+0.0136i	1.1045+1.1341i	0.3204-0.2750i	0.8350+1.5021i	0.0330-0.0578i

37.2	0.0899-0.1161i	-0.0903+0.0971i	0.0069-0.0185i	-0.0141+0.0131i	1.1107+1.1502i	0.3296-0.2880i	0.8583+1.5235i	0.0429-0.0523i
37.3	0.0867-0.1299i	-0.0886+0.1101i	0.0059-0.0184i	-0.0143+0.0123i	1.1011+1.1786i	0.2952-0.3121i	0.8992+1.5449i	0.0373-0.0676i
37.4	0.0824-0.1445i	-0.0834+0.1229i	0.0066-0.0180i	-0.0139+0.0113i	1.1466+1.1532i	0.3398-0.3104i	0.9254+1.5416i	0.0552-0.0725i
37.5	0.0695-0.1636i	-0.0751+0.1385i	0.0050-0.0180i	-0.0150+0.0100i	1.2400+1.1012i	0.3557-0.2929i	1.0097+1.5491i	0.0421-0.0749i
37.6	0.0551-0.1798i	-0.0678+0.1520i	0.0027-0.0180i	-0.0175+0.0089i	1.2140+1.1099i	0.3459-0.2992i	1.0772+1.5628i	0.0113-0.0883i
37.7	0.0284-0.1939i	-0.0585+0.1665i	-0.0028-0.0169i	-0.0236+0.0092i	1.2679+1.0812i	0.2201-0.2849i	1.1581+1.5352i	-0.0956-0.0805i
37.8	0.0039-0.1985i	-0.0467+0.1812i	-0.0067-0.0132i	-0.0270+0.0119i	1.4112+1.0386i	0.1699-0.2430i	1.2438+1.5081i	-0.1599-0.0320i
37.9	-0.0360-0.1975i	-0.0170+0.2083i	-0.0102-0.0029i	-0.0296+0.0208i	1.4539+1.0186i	0.1791-0.1245i	1.3428+1.4859i	-0.1966+0.1221i
38.0	-0.0568-0.1797i	0.0122+0.2145i	-0.0065+0.0061i	-0.0266+0.0281i	1.4732+0.9429i	0.1873-0.0248i	1.3962+1.4195i	-0.1617+0.2385i
38.1	-0.0754-0.1592i	0.0526+0.2099i	0.0018+0.0125i	-0.0189+0.0320i	1.5190+0.8981i	0.2526+0.0538i	1.5011+1.3380i	-0.0667+0.3080i
38.2	-0.0881-0.1425i	0.0856+0.2006i	0.0098+0.0150i	-0.0117+0.0338i	1.5292+0.8729i	0.3908+0.0980i	1.5404+1.2763i	0.0523+0.3468i
38.3	-0.0964-0.1276i	0.1113+0.1845i	0.0168+0.0151i	-0.0059+0.0324i	1.5540+0.8089i	0.4992+0.1065i	1.5666+1.2342i	0.1486+0.3578i
38.4	-0.1042-0.1126i	0.1329+0.1605i	0.0227+0.0131i	-0.0016+0.0292i	1.6816+0.7524i	0.5805+0.0696i	1.6326+1.2079i	0.2174+0.3299i
38.5	-0.1111-0.1040i	0.1470+0.1336i	0.0250+0.0065i	-0.0005+0.0230i	1.6999+0.7484i	0.5709-0.0539i	1.6657+1.1729i	0.2437+0.2191i
38.6	-0.1151-0.0897i	0.1493+0.1086i	0.0251+0.0019i	-0.0009+0.0188i	1.6843+0.7069i	0.5204-0.0692i	1.7241+1.1376i	0.2266+0.1666i
38.7	-0.1168-0.0681i	0.1492+0.0850i	0.0245+0.0013i	-0.0017+0.0169i	1.7238+0.6695i	0.5345-0.0226i	1.8352+1.0902i	0.2090+0.1789i
38.8	-0.1158-0.0479i	0.1457+0.0635i	0.0238+0.0016i	-0.0023+0.0159i	1.7719+0.5828i	0.5302-0.0025i	1.9107+1.0103i	0.2009+0.1899i
38.9	-0.1111-0.0315i	0.1405+0.0458i	0.0238+0.0015i	-0.0031+0.0149i	1.8360+0.5253i	0.5572+0.0171i	1.9795+0.9346i	0.2107+0.2010i
39.0	-0.0986-0.0152i	0.1290+0.0287i	0.0246+0.0014i	-0.0044+0.0142i	1.8758+0.4672i	0.6024+0.0179i	2.0472+0.8103i	0.2275+0.2009i
39.1	-0.0879-0.0086i	0.1189+0.0197i	0.0256+0.0005i	-0.0052+0.0128i	1.8703+0.3657i	0.5733-0.0230i	2.0909+0.6958i	0.2187+0.1834i
39.2	-0.0752-0.0035i	0.1073+0.0150i	0.0264+0.0012i	-0.0056+0.0131i	1.8797+0.2747i	0.6295+0.0065i	2.1281+0.5598i	0.2402+0.2007i
39.3	-0.0630-0.0006i	0.1006+0.0119i	0.0285+0.0014i	-0.0046+0.0135i	1.8924+0.1647i	0.7192+0.0337i	2.1537+0.4400i	0.2868+0.2206i
39.4	-0.0529-0.0012i	0.0927+0.0086i	0.0302+0.0002i	-0.0045+0.0128i	1.8750+0.0659i	0.7209+0.0761i	2.1894+0.2890i	0.2859+0.2197i
39.5	-0.0428-0.0055i	0.0864+0.0074i	0.0310-0.0018i	-0.0040+0.0106i	1.8943-0.0163i	0.7795+0.0963i	2.1882+0.1447i	0.3175+0.2096i
39.6	-0.0385-0.0118i	0.0820+0.0074i	0.0316-0.0040i	-0.0048+0.0088i	1.8736-0.1316i	0.7975+0.0744i	2.1590+0.0167i	0.3336+0.1837i
39.7	-0.0432-0.0175i	0.0790+0.0050i	0.0303-0.0070i	-0.0075+0.0071i	1.8089-0.2644i	0.7160+0.0097i	2.1278-0.1471i	0.2902+0.1302i
39.8	-0.0437-0.0114i	0.0777+0.0008i	0.0309-0.0058i	-0.0087+0.0077i	1.7000-0.3258i	0.7562+0.0604i	2.0392-0.2809i	0.2891+0.1476i
39.9	-0.0357-0.0131i	0.0724-0.0016i	0.0319-0.0074i	-0.0085+0.0065i	1.6089-0.3611i	0.8424+0.0901i	1.9335-0.4013i	0.3182+0.1514i
40.0	-0.0330-0.0183i	0.0654-0.0039i	0.0306-0.0102i	-0.0101+0.0049i	1.5575-0.4601i	0.8112+0.0833i	1.8402-0.5162i	0.3029+0.1325i
40.1	-0.0299-0.0200i	0.0603-0.0047i	0.0305-0.0109i	-0.0105+0.0045i	1.4451-0.5200i	0.9172+0.1094i	1.7511-0.6039i	0.3323+0.1457i
40.2	-0.0283-0.0236i	0.0568-0.0025i	0.0304-0.0121i	-0.0112+0.0041i	1.4178-0.5365i	1.0249+0.0369i	1.6173-0.6211i	0.3783+0.1216i
40.3	-0.0285-0.0246i	0.0545-0.0001i	0.0304-0.0118i	-0.0124+0.0048i	1.3462-0.5075i	1.0344+0.0013i	1.5417-0.6095i	0.3817+0.1116i
40.4	-0.0306-0.0279i	0.0550+0.0006i	0.0299-0.0123i	-0.0128+0.0039i	1.3085-0.4989i	1.0818+0.0328i	1.4506-0.6314i	0.3878+0.1109i
40.5	-0.0321-0.0286i	0.0522-0.0026i	0.0298-0.0137i	-0.0144+0.0024i	1.2496-0.5351i	1.1400+0.1069i	1.4026-0.6724i	0.3791+0.1120i
40.6	-0.0331-0.0332i	0.0506-0.0028i	0.0289-0.0169i	-0.0158+0.0020i	1.1458-0.6250i	1.1699+0.0696i	1.3461-0.7035i	0.3768+0.0868i
40.7	-0.0377-0.0374i	0.0483-0.0043i	0.0268-0.0190i	-0.0180-0.0000i	1.0921-0.6283i	1.1313+0.0737i	1.2756-0.7495i	0.3475+0.0715i
40.8	-0.0421-0.0376i	0.0467-0.0071i	0.0257-0.0201i	-0.0209-0.0004i	1.0836-0.5668i	1.2147+0.0334i	1.1934-0.7750i	0.3429+0.0622i
40.9	-0.0419-0.0384i	0.0400-0.0100i	0.0234-0.0217i	-0.0231-0.0018i	1.0364-0.5493i	1.2681-0.0302i	1.1355-0.7699i	0.3482+0.0407i
41.0	-0.0448-0.0436i	0.0329-0.0061i	0.0200-0.0217i	-0.0267-0.0017i	0.9658-0.5759i	1.2635-0.0379i	1.0819-0.7710i	0.3221+0.0245i
41.1	-0.0583-0.0494i	0.0318-0.0015i	0.0150-0.0216i	-0.0317-0.0006i	0.9049-0.6103i	1.2440-0.1112i	0.9862-0.7700i	0.2764-0.0019i
41.2	-0.0643-0.0412i	0.0284-0.0005i	0.0121-0.0198i	-0.0348+0.0019i	0.9068-0.5950i	1.3461-0.0981i	0.9177-0.7820i	0.2907+0.0526i
41.3	-0.0660-0.0329i	0.0231+0.0007i	0.0104-0.0178i	-0.0364+0.0040i	0.8202-0.5442i	1.3665-0.0660i	0.8489-0.7688i	0.2954+0.0753i
41.4	-0.0640-0.0322i	0.0153+0.0033i	0.0090-0.0169i	-0.0386+0.0048i	0.7828-0.5403i	1.3286-0.1010i	0.7994-0.7124i	0.2723+0.0397i
41.5	-0.0711-0.0403i	0.0104+0.0163i	0.0051-0.0153i	-0.0430+0.0074i	0.7678-0.4984i	1.4238-0.1356i	0.7637-0.7107i	0.2491+0.0387i
41.6	-0.0822-0.0378i	0.0158+0.0278i	0.0034-0.0107i	-0.0445+0.0135i	0.7052-0.4475i	1.5892-0.1188i	0.6928-0.6737i	0.2510+0.0951i
41.7	-0.0943-0.0313i	0.0213+0.0344i	0.0017-0.0063i	-0.0471+0.0172i	0.7255-0.4842i	1.6315-0.0120i	0.6685-0.6488i	0.2125+0.1552i
41.8	-0.1049-0.0177i	0.0276+0.0369i	0.0001-0.0011i	-0.0474+0.0218i	0.6924-0.4849i	1.5956+0.0435i	0.6587-0.6189i	0.2018+0.2116i
41.9	-0.1028-0.0121i	0.0359+0.0328i	0.0041-0.0003i	-0.0444+0.0223i	0.6590-0.4334i	1.6499-0.1109i	0.6575-0.5561i	0.2528+0.1937i
42.0	-0.1087-0.0036i	0.0352+0.0284i	0.0026+0.0010i	-0.0471+0.0240i	0.6522-0.4061i	1.7020-0.0801i	0.6668-0.5822i	0.2635+0.2165i
42.1	-0.1153+0.0047i	0.0331+0.0286i	-0.0008+0.0033i	-0.0493+0.0271i	0.6507-0.3908i	1.7818-0.0579i	0.6473-0.5958i	0.2635+0.2205i
42.2	-0.1226+0.0217i	0.0282+0.0322i	-0.0051+0.0094i	-0.0535+0.0330i	0.6334-0.3761i	1.8110-0.0792i	0.6208-0.5922i	0.2315+0.2536i
42.3	-0.1160+0.0383i	0.0277+0.0388i	-0.0015+0.0161i	-0.0514+0.0399i	0.6421-0.3743i	1.9373-0.1328i	0.6213-0.5837i	0.2816+0.3037i
42.4	-0.1106+0.0475i	0.0301+0.0468i	0.0013+0.0221i	-0.0487+0.0463i	0.6370-0.4010i	1.9078-0.1484i	0.6332-0.6060i	0.2944+0.3373i
42.5	-0.1066+0.0543i	0.0399+0.0501i	0.0056+0.0247i	-0.0449+0.0495i	0.6190-0.4313i	2.0402-0.1314i	0.5931-0.6403i	0.3482+0.3556i
42.6	-0.1043+0.0656i	0.0483+0.0501i	0.0095+0.0274i	-0.0423+0.0534i	0.6223-0.4477i	2.2329-0.2735i	0.5740-0.6452i	0.3992+0.3437i
42.7	-0.0998+0.0739i	0.0566+0.0517i	0.0130+0.0312i	-0.0387+0.0574i	0.5537-0.4499i	2.3906-0.2915i	0.4851-0.6661i	0.4294+0.3601i
42.8	-0.1016+0.0816i	0.0591+0.0451i	0.0137+0.0323i	-0.0389+0.0559i	0.5558-0.3562i	2.3798-0.2153i	0.4472-0.5974i	0.4017+0.3857i
42.9	-0.0944+0.1038i	0.0578+0.0369i	0.0164+0.0365i	-0.0379+0.0600i	0.5644-0.3408i	2.4994-0.2655i	0.5106-0.6124i	0.4558+0.4400i
43.0	-0.0740+0.1252i	0.0544+0.0366i	0.0221+0.0435i	-0.0335+0.0682i	0.5416-0.3944i	2.6904-0.3041i	0.5022-0.6910i	0.5215+0.4767i
43.1	-0.0462+0.1315i	0.0527+0.0398i	0.0313+0.0463i	-0.0253+0.0725i	0.5082-0.4834i	2.8787-0.2532i	0.4345-0.7529i	0.6046+0.5146i
43.2	-0.0358+0.1185i	0.0565+0.0391i	0.0362+0.0403i	-0.0209+0.0682i	0.4578-0.4077i	2.9097-0.2927i	0.3363-0.7590i	0.6408+0.4827i
43.3	-0.0279+0.1126i	0.0546+0.0319i	0.0383+0.0344i	-0.0193+0.0633i	0.4503-0.3418i	2.9180-0.3136i	0.2650-0.7025i	0.6330+0.4233i
43.4	-0.0201+0.1029i	0.0426+0.0348i	0.0374+0.0332i	-0.0222+0.0615i	0.3935-0.3338i	3.0681-0.4710i	0.2706-0.6257i	0.6384+0.3902i

43.5	-0.0209+0.0946i	0.0359+0.0453i	0.0362+0.0331i	-0.0259+0.0634i	0.4019-0.3303i	2.9826-0.4383i	0.3046-0.6155i	0.5863+0.4140i
43.6	-0.0242+0.0980i	0.0412+0.0553i	0.0374+0.0374i	-0.0255+0.0698i	0.4397-0.2991i	3.1522-0.6462i	0.2941-0.6776i	0.6332+0.4371i
43.7	-0.0177+0.1062i	0.0538+0.0671i	0.0448+0.0418i	-0.0188+0.0778i	0.3911-0.2778i	3.4910-0.7757i	0.1823-0.7404i	0.7461+0.4646i
43.8	-0.0219+0.1076i	0.0537+0.0657i	0.0431+0.0392i	-0.0202+0.0773i	0.3523-0.2922i	3.4872-0.5139i	0.0986-0.7163i	0.6769+0.4735i
43.9	-0.0166+0.1134i	0.0570+0.0655i	0.0447+0.0408i	-0.0173+0.0800i	0.3259-0.2295i	3.6906-0.7495i	0.0000-0.6434i	0.6966+0.4715i
44.0	-0.0134+0.1297i	0.0548+0.0733i	0.0432+0.0487i	-0.0173+0.0884i	0.3321-0.1976i	4.0356-0.9218i	-0.0561-0.5498i	0.7455+0.5373i
44.1	0.0093+0.1320i	0.0595+0.0872i	0.0516+0.0538i	-0.0083+0.0955i	0.3207-0.1273i	4.1828-1.3236i	-0.0300-0.4594i	0.8462+0.5279i
44.2	0.0072+0.1388i	0.0674+0.1090i	0.0527+0.0624i	-0.0067+0.1064i	0.3696-0.1133i	4.4177-1.3554i	-0.0202-0.4837i	0.8499+0.6400i
44.3	0.0273+0.1450i	0.0849+0.1159i	0.0644+0.0666i	0.0072+0.1100i	0.3688-0.1536i	4.3337-1.2234i	-0.0531-0.4622i	0.9493+0.7063i
44.4	0.0470+0.1193i	0.1062+0.1089i	0.0781+0.0556i	0.0205+0.0976i	0.4383-0.1348i	4.3349-1.2892i	-0.0621-0.4090i	1.0664+0.5618i
44.5	0.0432+0.1144i	0.1223+0.1070i	0.0817+0.0532i	0.0236+0.0958i	0.4139-0.1024i	4.9206-1.5782i	-0.0770-0.3950i	1.1378+0.5430i
44.6	0.0487+0.1227i	0.1392+0.1167i	0.0870+0.0592i	0.0301+0.1036i	0.3739-0.0629i	5.3238-1.8321i	-0.1149-0.3513i	1.2046+0.5702i
44.7	0.0631+0.1213i	0.1754+0.1035i	0.1026+0.0567i	0.0453+0.0997i	0.4162-0.0766i	6.0171-2.7575i	-0.1032-0.2754i	1.4236+0.4613i
44.8	0.0615+0.1100i	0.1759+0.0821i	0.1015+0.0465i	0.0443+0.0888i	0.3749-0.0940i	5.9529-2.7645i	-0.0787-0.2388i	1.3487+0.3833i
44.9	0.0394+0.0962i	0.1621+0.0606i	0.0897+0.0353i	0.0326+0.0778i	0.3883-0.0730i	5.6700-2.9682i	-0.0488-0.1962i	1.1938+0.3105i
45.0	0.0409+0.1357i	0.1714+0.0674i	0.0944+0.0521i	0.0347+0.0956i	0.4104-0.0632i	5.9769-3.8754i	-0.0214-0.2382i	1.2905+0.4035i
45.1	0.0697+0.1592i	0.1800+0.0718i	0.1064+0.0618i	0.0452+0.1067i	0.4098-0.0696i	6.3172-4.2835i	-0.0550-0.2428i	1.3918+0.5174i
45.2	0.0833+0.1523i	0.1821+0.0724i	0.1107+0.0595i	0.0501+0.1057i	0.4730-0.0565i	6.3216-4.5418i	-0.0550-0.2102i	1.4729+0.5195i
45.3	0.0881+0.1598i	0.1876+0.0780i	0.1142+0.0635i	0.0550+0.1096i	0.4087-0.0516i	6.3074-4.4342i	-0.0644-0.2180i	1.4956+0.5810i
45.4	0.0944+0.1471i	0.1999+0.0523i	0.1221+0.0505i	0.0618+0.0964i	0.4290-0.0284i	5.9430-4.5326i	-0.0712-0.1682i	1.5067+0.4311i
45.5	0.1192+0.1514i	0.2053+0.0360i	0.1348+0.0486i	0.0724+0.0947i	0.5375+0.0447i	5.6594-5.8701i	-0.0790-0.1147i	1.6410+0.2977i
45.6	0.1515+0.1472i	0.2324+0.0401i	0.1555+0.0508i	0.0892+0.0976i	0.5850-0.0083i	5.9103-6.6320i	-0.0591-0.1100i	1.8756+0.2828i
45.7	0.1975+0.1205i	0.2775-0.0140i	0.1906+0.0244i	0.1206+0.0772i	0.5496-0.0588i	4.6766-9.2851i	-0.0926-0.0787i	2.1941-0.1841i
45.8	0.2044+0.1459i	0.2583+0.0058i	0.1870+0.0396i	0.1174+0.0937i	0.5072-0.0572i	4.9498-9.0439i	-0.0983-0.0520i	2.1179+0.0212i
45.9	0.2313+0.1703i	0.2637+0.0492i	0.1953+0.0639i	0.1259+0.1159i	0.5401-0.0065i	5.8862-8.5117i	-0.0795-0.0452i	2.1973+0.3676i
46.0	0.3004+0.1421i	0.3378+0.0406i	0.2458+0.0532i	0.1722+0.1077i	0.5691+0.0014i	6.0101-10.2419i	-0.0877-0.0158i	2.7290+0.2169i
46.1	0.3054+0.0574i	0.3616-0.0431i	0.2586-0.0076i	0.1847+0.0538i	0.5893+0.0104i	4.1396-10.5756i	-0.0500+0.0364i	2.7272-0.4122i
46.2	0.3031+0.0179i	0.3641-0.1198i	0.2630-0.0494i	0.1896+0.0201i	0.6343-0.0560i	3.0975-11.6054i	-0.0222+0.0433i	2.7472-0.8382i
46.3	0.2925+0.0439i	0.3235-0.1233i	0.2445-0.0426i	0.1721+0.0280i	0.5682-0.0678i	3.2224-11.2009i	-0.0097+0.0492i	2.5418-0.6650i
46.4	0.3695+0.0043i	0.3515-0.1270i	0.2814-0.0596i	0.2064+0.0154i	0.6128-0.0606i	3.2627-11.9338i	-0.0073+0.0816i	2.9151-0.7256i
46.5	0.3480-0.1365i	0.3338-0.2380i	0.2729-0.1506i	0.2007-0.0630i	0.5762-0.0817i	0.8554-13.2972i	0.0035+0.1028i	2.8478-1.6885i
46.6	0.2929-0.1635i	0.2883-0.2686i	0.2379-0.1704i	0.1724-0.0786i	0.5739-0.0550i	-0.2375-13.8673i	0.0360+0.1477i	2.5708-1.9208i
46.7	0.2660-0.1399i	0.2630-0.2559i	0.2200-0.1574i	0.1597-0.0659i	0.5754-0.0725i	-0.8738-14.1559i	0.1052+0.2048i	2.4172-1.8041i
46.8	0.2450-0.1563i	0.2146-0.2722i	0.1960-0.1726i	0.1455-0.0807i	0.5256-0.0806i	-3.4491-13.0065i	0.2138+0.1923i	2.0662-2.0678i
46.9	0.2411-0.1873i	0.1822-0.2840i	0.1799-0.1922i	0.1371-0.0989i	0.5567-0.0995i	-4.9953-11.5750i	0.2882+0.1086i	1.7832-2.2843i
47.0	0.2284-0.2198i	0.1792-0.2854i	0.1726-0.2027i	0.1306-0.1082i	0.5777-0.1174i	-4.2544-11.2941i	0.2922+0.0358i	1.7212-2.2665i
47.1	0.1561-0.2496i	0.1305-0.3083i	0.1290-0.2213i	0.0951-0.1256i	0.5711-0.0577i	-5.6631-11.0780i	0.2548+0.0252i	1.3263-2.4992i
47.2	0.1208-0.2159i	0.1005-0.2956i	0.1038-0.2069i	0.0777-0.1113i	0.5528-0.0679i	-6.8133-10.8150i	0.2452+0.0065i	1.0525-2.4228i
47.3	0.1436-0.1765i	0.1093-0.2677i	0.1136-0.1826i	0.0882-0.0902i	0.5179-0.0895i	-6.2860-10.5203i	0.2358-0.0504i	1.1040-2.0766i
47.4	0.1607-0.1550i	0.1094-0.2421i	0.1171-0.1664i	0.0930-0.0792i	0.4898-0.0672i	-5.9533-9.5937i	0.2163-0.0351i	1.0684-1.8182i
47.5	0.1550-0.1673i	0.0930-0.2270i	0.1068-0.1655i	0.0828-0.0845i	0.4779-0.0240i	-5.6329-7.8259i	0.2405-0.0066i	0.8650-1.7224i
47.6	0.1427-0.2513i	0.0639-0.2659i	0.0929-0.2099i	0.0757-0.1296i	0.4703-0.0473i	-7.4594-7.0129i	0.2772+0.0142i	0.7320-2.1911i
47.7	0.0864-0.2599i	0.0423-0.2539i	0.0660-0.2070i	0.0499-0.1302i	0.5021-0.0237i	-7.1167-6.3964i	0.3094-0.0115i	0.4718-2.1053i
47.8	0.0297-0.2589i	0.0167-0.2562i	0.0364-0.2053i	0.0247-0.1338i	0.4767-0.0668i	-7.7791-5.8166i	0.3268-0.0867i	0.2088-2.1095i
47.9	0.0264-0.2438i	0.0117-0.2541i	0.0306-0.1973i	0.0198-0.1294i	0.5519-0.0926i	-8.0327-5.4020i	0.2972-0.1712i	0.1651-2.0311i
48.0	0.0154-0.2555i	0.0064-0.2589i	0.0258-0.2042i	0.0163-0.1370i	0.5593-0.0639i	-8.3670-5.3600i	0.1756-0.2349i	0.1880-2.0955i
48.1	-0.0034-0.2177i	0.0053-0.2356i	0.0193-0.1818i	0.0072-0.1179i	0.5308-0.0415i	-7.6059-4.9851i	0.1425-0.1843i	0.1135-1.7850i
48.2	0.0107-0.2008i	0.0123-0.2271i	0.0285-0.1710i	0.0123-0.1075i	0.5259-0.0437i	-6.9841-4.7418i	0.1563-0.1663i	0.2156-1.5906i
48.3	-0.0126-0.2073i	-0.0117-0.2300i	0.0127-0.1746i	-0.0024-0.1136i	0.4705-0.0521i	-7.2794-4.2237i	0.1085-0.1599i	0.0837-1.6655i
48.4	-0.0130-0.1971i	-0.0088-0.2313i	0.0149-0.1695i	-0.0010-0.1090i	0.5094-0.0482i	-7.4789-4.7202i	0.1155-0.1881i	0.1836-1.6058i
48.5	-0.0151-0.1745i	-0.0160-0.2030i	0.0118-0.1527i	-0.0074-0.0943i	0.5472+0.0119i	-6.8577-3.8324i	0.1195-0.1473i	0.1259-1.3877i
48.6	-0.0191-0.1853i	-0.0162-0.2071i	0.0105-0.1588i	-0.0072-0.1013i	0.4942+0.0657i	-7.2951-3.4573i	0.0856-0.1310i	0.1627-1.4933i
48.7	-0.0251-0.1906i	-0.0142-0.2223i	0.0102-0.1678i	-0.0061-0.1100i	0.5579+0.0267i	-7.3172-3.4579i	0.1063-0.1293i	0.2477-1.5867i
48.8	-0.0473-0.1852i	-0.0330-0.2239i	-0.0043-0.1661i	-0.0213-0.1091i	0.5984-0.0368i	-7.0257-3.3983i	0.1003-0.1625i	0.1247-1.5495i
48.9	-0.0623-0.1608i	-0.0457-0.2059i	-0.0131-0.1502i	-0.0319-0.0952i	0.5938-0.0472i	-6.7102-3.1781i	0.0909-0.1824i	0.0368-1.3898i
49.0	-0.0638-0.1269i	-0.0497-0.1817i	-0.0146-0.1297i	-0.0358-0.0768i	0.5762-0.0073i	-6.4266-2.7167i	0.0798-0.1636i	-0.0021-1.1958i
49.1	-0.0580-0.1118i	-0.0493-0.1769i	-0.0113-0.1238i	-0.0336-0.0712i	0.5969+0.0102i	-6.6410-2.7695i	0.0112-0.1477i	0.0631-1.1575i
49.2	-0.0394-0.1092i	-0.0470-0.1689i	-0.0044-0.1202i	-0.0294-0.0676i	0.5826-0.0200i	-6.5366-2.2963i	-0.0156-0.1169i	0.0729-1.1449i
49.3	-0.0086-0.1228i	-0.0330-0.1653i	0.0074-0.1205i	-0.0188-0.0664i	0.5947-0.0002i	-6.3061-1.8575i	-0.0195-0.0990i	0.1648-1.1646i
49.4	-0.0154-0.1320i	-0.0315-0.1684i	0.0065-0.1272i	-0.0179-0.0725i	0.6191+0.0070i	-6.2591-2.0010i	-0.0200-0.1394i	0.2294-1.2023i
49.5	-0.0404-0.1265i	-0.0380-0.1739i	0.0052-0.1314i	-0.0191-0.0751i	0.5842-0.0282i	-6.0324-2.4635i	-0.0096-0.2004i	0.2791-1.1511i
49.6	-0.0192-0.0966i	-0.0252-0.1530i	0.0075-0.1137i	-0.0183-0.0573i	0.5192-0.0249i	-5.6026-2.4753i	-0.0443-0.2306i	0.3084-0.9808i
49.7	-0.0075-0.1036i	-0.0202-0.1547i	0.0162-0.1183i	-0.0100-0.0611i	0.5141+0.0258i	-5.8171-2.1771i	-0.1127-0.1929i	0.3817-1.0396i

49.8	-0.0091-0.1318i	-0.0197-0.1733i	0.0154-0.1350i	-0.0097-0.0766i	0.6305+0.0687i	-5.8852-2.0444i	-0.1148-0.1339i	0.3091-1.2128i
49.9	-0.0306-0.1374i	-0.0338-0.1776i	-0.0004-0.1318i	-0.0246-0.0745i	0.6544+0.0865i	-5.4108-1.8861i	-0.0987-0.1391i	0.1205-1.2768i
50.0	-0.0288-0.1096i	-0.0393-0.1693i	-0.0000-0.1190i	-0.0262-0.0614i	0.5837+0.0540i	-5.6630-1.8969i	-0.1797-0.1800i	0.2182-1.1103i
50.1	-0.0036-0.1204i	-0.0283-0.1759i	0.0106-0.1269i	-0.0150-0.0685i	0.6091+0.0144i	-5.7224-1.9911i	-0.2452-0.1868i	0.3366-1.1565i
50.2	-0.0089-0.1226i	-0.0294-0.1744i	0.0083-0.1300i	-0.0157-0.0707i	0.5995+0.0443i	-5.3196-1.9258i	-0.2127-0.1444i	0.3019-1.1040i
50.3	-0.0411-0.1215i	-0.0523-0.1729i	-0.0092-0.1301i	-0.0327-0.0724i	0.6673+0.0182i	-5.3581-1.6197i	-0.2101+0.0073i	0.1208-1.1381i
50.4	-0.0627-0.1030i	-0.0755-0.1576i	-0.0261-0.1180i	-0.0510-0.0638i	0.6826-0.0497i	-5.4393-1.1733i	-0.2162+0.0533i	-0.0560-1.0383i
50.5	-0.0402-0.1012i	-0.0644-0.1530i	-0.0149-0.1160i	-0.0420-0.0615i	0.6305-0.0520i	-5.4396-1.0388i	-0.2317+0.0876i	0.0489-0.9942i
50.6	-0.0316-0.1169i	-0.0611-0.1737i	-0.0103-0.1288i	-0.0355-0.0726i	0.6394-0.0294i	-5.7705-1.2804i	-0.3244+0.1446i	0.1749-1.1136i
50.7	-0.0227-0.1088i	-0.0665-0.1727i	-0.0100-0.1263i	-0.0326-0.0675i	0.7504+0.0694i	-5.7944-1.5225i	-0.3525+0.1958i	0.2245-1.0668i
50.8	-0.0165-0.1090i	-0.0664-0.1613i	-0.0078-0.1226i	-0.0321-0.0633i	0.7259-0.0283i	-5.7035-1.3316i	-0.3089+0.2360i	0.2355-1.0147i
50.9	0.0004-0.1263i	-0.0599-0.1753i	0.0003-0.1323i	-0.0223-0.0733i	0.6686-0.0310i	-6.0842-1.6090i	-0.3873+0.2955i	0.4334-1.0883i
51.0	-0.0097-0.1255i	-0.0685-0.1709i	-0.0060-0.1293i	-0.0281-0.0710i	0.6239+0.0249i	-6.0833-1.4109i	-0.3328+0.3540i	0.3892-1.0991i
51.1	-0.0099-0.1089i	-0.0650-0.1456i	-0.0094-0.1160i	-0.0352-0.0562i	0.6905+0.0830i	-5.1778-0.7491i	-0.1190+0.3550i	0.2260-0.9966i
51.2	-0.0211-0.1341i	-0.0706-0.1611i	-0.0139-0.1294i	-0.0375-0.0703i	0.6977+0.0517i	-5.1930-0.9904i	-0.1207+0.3590i	0.2577-1.0700i
51.3	-0.0453-0.1253i	-0.0868-0.1507i	-0.0251-0.1216i	-0.0491-0.0644i	0.6750+0.0720i	-5.2731-0.8159i	-0.0962+0.3735i	0.1462-1.0534i
51.4	-0.0502-0.1208i	-0.0897-0.1495i	-0.0265-0.1213i	-0.0510-0.0629i	0.7329+0.0423i	-5.4050-0.7782i	-0.0525+0.4042i	0.1810-1.0208i
51.5	-0.0370-0.0957i	-0.0829-0.1345i	-0.0221-0.1077i	-0.0469-0.0491i	0.7328-0.0446i	-5.2452-0.6666i	-0.0015+0.4048i	0.2306-0.8804i
51.6	-0.0068-0.1175i	-0.0710-0.1479i	-0.0046-0.1192i	-0.0267-0.0616i	0.7301-0.0749i	-5.3805-0.7287i	-0.0274+0.3900i	0.4350-0.9642i
51.7	-0.0228-0.1303i	-0.0833-0.1538i	-0.0138-0.1255i	-0.0363-0.0696i	0.7263-0.1058i	-5.3192-0.6934i	0.0093+0.4270i	0.3837-1.0413i
51.8	-0.0334-0.1146i	-0.0906-0.1379i	-0.0221-0.1152i	-0.0453-0.0608i	0.8065-0.0087i	-5.0679-0.4552i	0.0811+0.4654i	0.2751-0.9862i
51.9	-0.0221-0.1220i	-0.0931-0.1389i	-0.0200-0.1179i	-0.0431-0.0625i	0.7837-0.0324i	-5.1440-0.4487i	0.1640+0.3674i	0.3612-1.0085i
52.0	-0.0200-0.1471i	-0.0924-0.1422i	-0.0210-0.1252i	-0.0408-0.0693i	0.7894-0.0568i	-5.1583-0.3658i	0.1072+0.3564i	0.4249-1.1159i
52.1	-0.0254-0.1449i	-0.0875-0.1405i	-0.0190-0.1243i	-0.0398-0.0681i	0.7837-0.0628i	-4.9572-0.6062i	0.1112+0.3890i	0.4433-1.0450i
52.2	-0.0303-0.1486i	-0.0886-0.1445i	-0.0201-0.1277i	-0.0415-0.0719i	0.7868-0.1000i	-5.0189-0.6913i	0.1430+0.4408i	0.4568-1.0807i
52.3	-0.0483-0.1560i	-0.1021-0.1483i	-0.0317-0.1311i	-0.0533-0.0772i	0.8321-0.0679i	-5.1674-0.5664i	0.2117+0.4027i	0.3885-1.1810i
52.4	-0.0325-0.1396i	-0.0978-0.1351i	-0.0237-0.1205i	-0.0458-0.0648i	0.7900-0.0445i	-5.2131-0.6557i	0.1206+0.3510i	0.5101-1.0911i
52.5	-0.0332-0.1576i	-0.0948-0.1395i	-0.0211-0.1295i	-0.0444-0.0736i	0.7200-0.1334i	-5.1796-0.5637i	0.1299+0.4238i	0.5228-1.1812i
52.6	-0.0636-0.1570i	-0.1089-0.1400i	-0.0365-0.1300i	-0.0618-0.0744i	0.7710-0.1919i	-5.0602-0.3987i	0.2359+0.4649i	0.3594-1.2209i
52.7	-0.0693-0.1347i	-0.1150-0.1258i	-0.0405-0.1168i	-0.0671-0.0609i	0.7762-0.0574i	-5.0071-0.3517i	0.3166+0.5342i	0.2660-1.1275i
52.8	-0.0410-0.1427i	-0.0975-0.1227i	-0.0250-0.1189i	-0.0504-0.0608i	0.7610-0.0547i	-4.9762-0.3446i	0.3741+0.5335i	0.4124-1.1179i
52.9	-0.0468-0.1729i	-0.0984-0.1361i	-0.0279-0.1340i	-0.0514-0.0763i	0.7523-0.1750i	-5.1287-0.4431i	0.4561+0.5164i	0.4560-1.2705i
53.0	-0.0659-0.1677i	-0.1034-0.1318i	-0.0369-0.1320i	-0.0599-0.0732i	0.7621-0.1893i	-4.9568-0.2975i	0.5328+0.4099i	0.3279-1.2507i
53.1	-0.0784-0.1864i	-0.1092-0.1497i	-0.0437-0.1454i	-0.0645-0.0862i	0.7705-0.1332i	-5.1973-0.3732i	0.5277+0.3679i	0.3351-1.3680i
53.2	-0.0978-0.1794i	-0.1226-0.1486i	-0.0558-0.1412i	-0.0758-0.0840i	0.7536-0.1497i	-5.1215-0.3022i	0.5435+0.3005i	0.2190-1.3523i
53.3	-0.1123-0.1557i	-0.1400-0.1332i	-0.0664-0.1261i	-0.0868-0.0709i	0.7954-0.1635i	-5.0363-0.2596i	0.5691+0.2129i	0.1338-1.1790i
53.4	-0.1172-0.1384i	-0.1492-0.1125i	-0.0694-0.1137i	-0.0909-0.0593i	0.8525-0.0799i	-5.1813-0.1754i	0.6018+0.1784i	0.1431-1.0940i
53.5	-0.1077-0.1342i	-0.1345-0.1002i	-0.0607-0.1084i	-0.0823-0.0541i	0.8688-0.0481i	-5.2328-0.1674i	0.5064+0.1354i	0.2309-1.0311i
53.6	-0.1106-0.1328i	-0.1306-0.1034i	-0.0607-0.1079i	-0.0825-0.0543i	0.8859-0.0912i	-5.2154-0.0790i	0.4202+0.1442i	0.2611-1.0335i
53.7	-0.1045-0.1208i	-0.1304-0.0988i	-0.0574-0.1035i	-0.0832-0.0477i	0.8996-0.1369i	-5.1284+0.0615i	0.4369+0.1890i	0.2887-1.0063i
53.8	-0.0772-0.1309i	-0.1144-0.0993i	-0.0429-0.1068i	-0.0662-0.0509i	0.8849-0.1598i	-5.1629-0.0639i	0.5131+0.1890i	0.4975-1.0024i
53.9	-0.0816-0.1524i	-0.1091-0.1118i	-0.0438-0.1192i	-0.0643-0.0630i	0.9016-0.1376i	-5.2087-0.0815i	0.4851+0.1855i	0.5354-1.1099i
54.0	-0.1059-0.1508i	-0.1189-0.1150i	-0.0546-0.1200i	-0.0762-0.0633i	0.8880-0.1376i	-5.1746+0.0201i	0.5119+0.1677i	0.4366-1.1317i
54.1	-0.1175-0.1313i	-0.1287-0.1110i	-0.0602-0.1112i	-0.0828-0.0562i	0.8911-0.2059i	-5.1822+0.0978i	0.5794+0.1439i	0.4050-1.0937i
54.2	-0.0824-0.1264i	-0.1185-0.1063i	-0.0460-0.1073i	-0.0662-0.0537i	0.8210-0.2534i	-5.1624+0.0877i	0.5825+0.0920i	0.5779-1.0713i
54.3	-0.0839-0.1668i	-0.1200-0.1256i	-0.0473-0.1257i	-0.0664-0.0770i	0.8605-0.2077i	-5.2111+0.0607i	0.6163+0.0531i	0.6218-1.2802i
54.4	-0.1057-0.1744i	-0.1319-0.1285i	-0.0580-0.1288i	-0.0797-0.0817i	0.8552-0.1896i	-5.2661+0.0357i	0.6303+0.0062i	0.5592-1.3437i
54.5	-0.1269-0.1654i	-0.1442-0.1191i	-0.0679-0.1228i	-0.0930-0.0745i	0.8490-0.1579i	-5.2195+0.1242i	0.6318-0.0166i	0.4565-1.3293i
54.6	-0.1541-0.1540i	-0.1649-0.1078i	-0.0819-0.1159i	-0.1103-0.0681i	0.8730-0.0213i	-5.3412+0.1988i	0.5688-0.0730i	0.3600-1.3580i
54.7	-0.1425-0.1419i	-0.1592-0.0959i	-0.0748-0.1076i	-0.1032-0.0591i	0.8899-0.0571i	-5.4335+0.1836i	0.5382-0.1374i	0.4650-1.3122i
54.8	-0.1291-0.1627i	-0.1451-0.1008i	-0.0653-0.1163i	-0.0953-0.0677i	0.9123-0.0945i	-5.4603+0.2605i	0.5379-0.1830i	0.5622-1.4674i
54.9	-0.1455-0.1740i	-0.1490-0.1066i	-0.0716-0.1237i	-0.1035-0.0746i	0.9759-0.1043i	-5.4122+0.3137i	0.5214-0.2184i	0.4793-1.5548i
55.0	-0.1713-0.1631i	-0.1590-0.1024i	-0.0847-0.1195i	-0.1155-0.0694i	1.0254-0.1493i	-5.3972+0.3091i	0.4747-0.2621i	0.3409-1.5229i
55.1	-0.1783-0.1480i	-0.1618-0.0943i	-0.0873-0.1126i	-0.1186-0.0608i	1.0328-0.2120i	-5.4417+0.3603i	0.4693-0.2840i	0.3083-1.4463i
55.2	-0.1899-0.1373i	-0.1678-0.0893i	-0.0925-0.1060i	-0.1250-0.0547i	1.1007-0.2281i	-5.5448+0.4608i	0.4747-0.2658i	0.2452-1.4124i
55.3	-0.1971-0.1247i	-0.1729-0.0854i	-0.0964-0.1007i	-0.1296-0.0483i	1.1215-0.1921i	-5.6217+0.4874i	0.4448-0.2339i	0.2592-1.3809i
55.4	-0.1917-0.1133i	-0.1723-0.0786i	-0.0945-0.0962i	-0.1274-0.0422i	1.0674-0.2081i	-5.7056+0.4796i	0.4256-0.2356i	0.3146-1.3557i
55.5	-0.1698-0.1181i	-0.1596-0.0769i	-0.0830-0.0976i	-0.1149-0.0431i	1.1385-0.3264i	-5.7482+0.5275i	0.4550-0.2806i	0.4297-1.3756i
55.6	-0.1852-0.1255i	-0.1654-0.0812i	-0.0882-0.1031i	-0.1216-0.0491i	1.1848-0.4289i	-5.7632+0.6235i	0.4655-0.3189i	0.3657-1.3896i
55.7	-0.2034-0.1186i	-0.1734-0.0778i	-0.0959-0.1002i	-0.1320-0.0452i	1.1536-0.4369i	-5.8394+0.6369i	0.4269-0.3359i	0.3118-1.4014i
55.8	-0.2153-0.1145i	-0.1806-0.0787i	-0.1025-0.0985i	-0.1384-0.0431i	1.1279-0.4893i	-6.0610+0.7156i	0.4218-0.3502i	0.3310-1.4301i
55.9	-0.2084-0.1042i	-0.1730-0.0758i	-0.0985-0.0937i	-0.1326-0.0366i	1.1707-0.4820i	-6.1066+0.6345i	0.3757-0.3380i	0.3896-1.3710i
56.0	-0.1966-0.0899i	-0.1651-0.0664i	-0.0923-0.0860i	-0.1265-0.0293i	1.1544-0.4594i	-6.0740+0.7538i	0.3769-0.3445i	0.4734-1.3182i

56.1	-0.1906-0.1107i	-0.1601-0.0817i	-0.0886-0.0978i	-0.1226-0.0433i	1.0950-0.4616i	-6.1306+0.8644i	0.3705-0.3358i	0.5363-1.4422i
56.2	-0.2057-0.1090i	-0.1730-0.0828i	-0.0972-0.0998i	-0.1303-0.0444i	1.1336-0.5643i	-6.2126+0.9181i	0.4014-0.3775i	0.4806-1.5065i
56.3	-0.2143-0.1051i	-0.1816-0.0829i	-0.1027-0.0994i	-0.1364-0.0429i	1.1517-0.6283i	-6.3724+0.9171i	0.4274-0.3836i	0.4641-1.5216i
56.4	-0.2168-0.0930i	-0.1854-0.0776i	-0.1052-0.0937i	-0.1402-0.0346i	1.2055-0.6764i	-6.3938+1.0561i	0.4395-0.3635i	0.4629-1.4910i
56.5	-0.2193-0.0845i	-0.1911-0.0725i	-0.1078-0.0890i	-0.1425-0.0285i	1.0803-0.7551i	-6.5427+1.1445i	0.3984-0.4338i	0.4862-1.4834i
56.6	-0.2242-0.0841i	-0.1976-0.0692i	-0.1114-0.0894i	-0.1456-0.0271i	1.0251-0.7760i	-6.6606+1.2392i	0.3920-0.4825i	0.5212-1.5324i
56.7	-0.2236-0.0773i	-0.1966-0.0619i	-0.1095-0.0864i	-0.1451-0.0242i	1.0035-0.8631i	-6.6345+1.3480i	0.3601-0.4913i	0.5170-1.5505i
56.8	-0.2242-0.0759i	-0.1949-0.0618i	-0.1080-0.0851i	-0.1452-0.0249i	1.0634-0.8340i	-6.7352+1.3856i	0.3842-0.4755i	0.5097-1.5428i
56.9	-0.2340-0.0730i	-0.2045-0.0601i	-0.1128-0.0841i	-0.1502-0.0222i	1.0548-0.8281i	-6.9667+1.5881i	0.3815-0.5279i	0.5567-1.6227i
57.0	-0.2312-0.0684i	-0.2032-0.0562i	-0.1114-0.0824i	-0.1468-0.0189i	1.0226-0.9338i	-7.0585+1.6358i	0.3543-0.5999i	0.5939-1.6258i
57.1	-0.2259-0.0591i	-0.2005-0.0505i	-0.1089-0.0784i	-0.1450-0.0157i	0.9053-1.1350i	-7.2785+1.8390i	0.3412-0.6960i	0.6710-1.6143i
57.2	-0.2164-0.0661i	-0.1943-0.0541i	-0.1043-0.0830i	-0.1417-0.0184i	0.7698-1.1167i	-7.3283+2.0419i	0.3368-0.7415i	0.7296-1.7208i
57.3	-0.2450-0.0802i	-0.2183-0.0615i	-0.1212-0.0905i	-0.1589-0.0250i	0.7106-0.8784i	-7.5068+2.3189i	0.3475-0.7810i	0.6466-1.9268i
57.4	-0.2585-0.0751i	-0.2286-0.0578i	-0.1278-0.0888i	-0.1677-0.0223i	0.7058-0.9602i	-7.5971+2.5566i	0.3522-0.8472i	0.6106-1.9805i
57.5	-0.2629-0.0718i	-0.2341-0.0569i	-0.1311-0.0896i	-0.1698-0.0223i	0.6344-1.1416i	-7.7448+2.5769i	0.3315-0.8695i	0.6532-1.9571i
57.6	-0.2635-0.0657i	-0.2325-0.0508i	-0.1313-0.0848i	-0.1679-0.0201i	0.4022-1.3125i	-7.8234+2.7579i	0.2580-1.0119i	0.6711-1.9190i
57.7	-0.2651-0.0615i	-0.2341-0.0461i	-0.1329-0.0823i	-0.1701-0.0175i	0.3682-1.3807i	-7.8414+3.0205i	0.2842-1.1304i	0.5978-1.9619i
57.8	-0.2762-0.0645i	-0.2445-0.0474i	-0.1388-0.0869i	-0.1774-0.0180i	0.0941-1.3318i	-8.1271+3.2331i	0.2274-1.1826i	0.6371-2.1178i
57.9	-0.2857-0.0583i	-0.2522-0.0417i	-0.1439-0.0838i	-0.1827-0.0147i	0.0752-1.1607i	-8.2697+3.5798i	0.2254-1.2389i	0.6127-2.2101i
58.0	-0.2893-0.0520i	-0.2546-0.0344i	-0.1465-0.0799i	-0.1872-0.0106i	-0.1459-1.1250i	-8.2392+3.9183i	0.1035-1.3658i	0.5833-2.2035i
58.1	-0.2963-0.0448i	-0.2581-0.0280i	-0.1504-0.0782i	-0.1906-0.0048i	-0.3159-1.1823i	-8.2715+4.2313i	0.0578-1.4921i	0.6359-2.2261i
58.2	-0.3050-0.0399i	-0.2605-0.0237i	-0.1548-0.0772i	-0.1941-0.0016i	-0.5109-1.2263i	-8.3818+4.5812i	-0.0291-1.6186i	0.6032-2.3399i
58.3	-0.3201-0.0302i	-0.2724-0.0275i	-0.1627-0.0763i	-0.2042+0.0000i	-0.6192-1.0225i	-8.5321+5.0587i	-0.1416-1.7291i	0.5200-2.4113i
58.4	-0.3216-0.0144i	-0.2801-0.0158i	-0.1667-0.0677i	-0.2094+0.0095i	-0.7420-0.9250i	-8.4465+5.4870i	-0.2489-1.8049i	0.4794-2.4032i
58.5	-0.3216-0.0077i	-0.2856-0.0065i	-0.1699-0.0635i	-0.2096+0.0166i	-0.9883-0.8006i	-8.3210+5.9866i	-0.4678-1.8855i	0.4931-2.4230i
58.6	-0.3347-0.0058i	-0.2982-0.0002i	-0.1795-0.0627i	-0.2169+0.0181i	-1.1670-0.4207i	-8.2419+6.4557i	-0.6301-1.9548i	0.4461-2.5638i
58.7	-0.3482+0.0036i	-0.3078+0.0088i	-0.1882-0.0604i	-0.2249+0.0219i	-1.4044-0.2575i	-8.1363+6.8741i	-0.8336-2.1417i	0.3992-2.6121i
58.8	-0.3555+0.0252i	-0.3158+0.0265i	-0.1955-0.0506i	-0.2305+0.0338i	-1.4863+0.1195i	-7.7761+7.3860i	-1.1446-2.1760i	0.3148-2.6617i
58.9	-0.3536+0.0339i	-0.3157+0.0327i	-0.1945-0.0450i	-0.2304+0.0416i	-1.5705+0.5578i	-7.4989+7.6519i	-1.3948-2.1769i	0.3129-2.6254i
59.0	-0.3626+0.0548i	-0.3239+0.0538i	-0.2037-0.0326i	-0.2364+0.0550i	-1.4378+1.1042i	-7.0252+8.2129i	-1.7500-2.1054i	0.2342-2.6832i
59.1	-0.3761+0.0762i	-0.3367+0.0730i	-0.2149-0.0214i	-0.2465+0.0686i	-1.3925+1.7673i	-6.7347+8.8152i	-2.1810-2.0411i	0.1951-2.7579i
59.2	-0.3680+0.0812i	-0.3329+0.0761i	-0.2124-0.0189i	-0.2394+0.0718i	-1.4438+1.9705i	-6.2994+8.7860i	-2.4043-1.9682i	0.3212-2.7315i
59.3	-0.3715+0.0980i	-0.3346+0.0938i	-0.2153-0.0109i	-0.2406+0.0818i	-1.3213+2.5131i	-5.7382+9.0164i	-2.8976-1.8476i	0.4411-2.8229i
59.4	-0.3697+0.1090i	-0.3319+0.1071i	-0.2172-0.0022i	-0.2394+0.0898i	-1.0223+2.9469i	-5.3823+9.0132i	-3.1437-1.5717i	0.3688-2.8883i
59.5	-0.3638+0.1316i	-0.3245+0.1237i	-0.2163+0.0136i	-0.2368+0.1031i	-0.3246+3.4880i	-4.7060+9.0527i	-3.4892-1.1611i	0.3936-2.9730i
59.6	-0.3635+0.1386i	-0.3262+0.1297i	-0.2175+0.0166i	-0.2372+0.1054i	0.1959+3.7864i	-4.5394+9.0364i	-3.6662-0.8473i	0.5356-3.0602i
59.7	-0.3604+0.1488i	-0.3243+0.1386i	-0.2185+0.0238i	-0.2346+0.1129i	0.7513+4.1384i	-4.3167+8.9345i	-3.8927-0.4801i	0.5462-3.2064i
59.8	-0.3553+0.1718i	-0.3199+0.1622i	-0.2181+0.0407i	-0.2308+0.1294i	1.6732+4.1539i	-3.7994+8.8924i	-3.9633+0.0628i	0.5511-3.4567i
59.9	-0.3355+0.1872i	-0.3012+0.1788i	-0.2051+0.0556i	-0.2121+0.1408i	2.7673+4.3425i	-3.3682+9.1532i	-3.8711+0.5018i	0.4967-4.0440i
60.0	-0.3615+0.1866i	-0.3329+0.1681i	-0.2297+0.0446i	-0.2386+0.1215i	2.6336+2.3359i	-3.6720+6.7328i	-3.6746+1.1511i	0.3780-2.7073i
60.1	-0.3577+0.2017i	-0.3310+0.1818i	-0.2261+0.0578i	-0.2353+0.1347i	3.9703+2.8435i	-3.3423+7.7418i	-3.6724+1.5202i	0.2678-3.5076i
60.2	-0.3360+0.2218i	-0.3128+0.2047i	-0.2114+0.0754i	-0.2237+0.1531i	4.6496+3.2168i	-3.4219+8.5626i	-3.3814+1.8124i	0.2793-4.1637i
60.3	-0.3274+0.2409i	-0.3097+0.2270i	-0.2110+0.0899i	-0.2187+0.1648i	4.8921+2.5920i	-3.3484+8.6658i	-3.0678+2.0774i	-0.0521-4.4913i
60.4	-0.3226+0.2510i	-0.3067+0.2435i	-0.2097+0.0979i	-0.2164+0.1726i	5.0778+2.1693i	-3.3273+8.8018i	-2.8274+2.2567i	-0.2870-4.6868i
60.5	-0.3244+0.2669i	-0.3104+0.2653i	-0.2125+0.1119i	-0.2219+0.1839i	5.3378+1.6762i	-3.4027+9.1783i	-2.5576+2.3853i	-0.5577-4.9352i
60.6	-0.3320+0.2803i	-0.3200+0.2848i	-0.2199+0.1232i	-0.2241+0.1900i	5.7013+1.2292i	-3.5777+9.6189i	-2.3334+2.5049i	-0.7300-5.2310i
60.7	-0.3122+0.2953i	-0.2990+0.3025i	-0.2066+0.1358i	-0.2122+0.2002i	5.8933+0.5494i	-3.1687+9.7309i	-2.0058+2.6303i	-1.0275-5.1753i
60.8	-0.2893+0.3105i	-0.2737+0.3184i	-0.1915+0.1493i	-0.2001+0.2103i	5.8502-0.1559i	-2.6655+9.8089i	-1.7554+2.6085i	-1.4632-5.1010i
60.9	-0.2826+0.3243i	-0.2635+0.3346i	-0.1868+0.1597i	-0.1953+0.2201i	5.8346-0.8227i	-2.3648+10.1191i	-1.4294+2.5718i	-1.7488-5.2510i
61.0	-0.2815+0.3467i	-0.2580+0.3620i	-0.1863+0.1769i	-0.1962+0.2355i	5.7840-1.4244i	-2.1011+10.6798i	-1.1427+2.5818i	-2.0531-5.4268i
61.1	-0.2632+0.3536i	-0.2371+0.3715i	-0.1731+0.1836i	-0.1870+0.2395i	5.4031-1.7566i	-1.8199+10.6527i	-1.0938+2.4500i	-2.3762-5.2931i
61.2	-0.2154+0.3566i	-0.1868+0.3708i	-0.1420+0.1876i	-0.1577+0.2440i	4.8928-2.3240i	-0.9797+10.2278i	-0.8448+2.1837i	-2.7793-4.8472i
61.3	-0.1953+0.3638i	-0.1606+0.3785i	-0.1258+0.1936i	-0.1429+0.2481i	4.6473-2.6250i	-0.4488+10.1862i	-0.7355+2.0575i	-3.1266-4.6871i
61.4	-0.1814+0.3645i	-0.1430+0.3839i	-0.1138+0.1985i	-0.1332+0.2507i	4.2843-2.7356i	-0.0720+10.1672i	-0.7535+1.9082i	-3.3544-4.5530i
61.5	-0.1622+0.3711i	-0.1190+0.3873i	-0.0982+0.2037i	-0.1226+0.2544i	4.0843-2.9956i	0.4499+10.1379i	-0.6194+1.7989i	-3.5970-4.3048i
61.6	-0.1463+0.3716i	-0.1024+0.3841i	-0.0869+0.2035i	-0.1130+0.2539i	3.8659-3.0804i	0.7125+9.9910i	-0.6399+1.8153i	-3.7013-4.1125i
61.7	-0.1210+0.3638i	-0.0788+0.3705i	-0.0679+0.1962i	-0.0980+0.2476i	3.4476-3.0699i	1.0339+9.4658i	-0.7622+1.6391i	-3.8763-3.7593i
61.8	-0.1091+0.3638i	-0.0633+0.3698i	-0.0611+0.1962i	-0.0909+0.2479i	3.2093-3.3225i	1.3453+9.3576i	-0.6567+1.5362i	-3.9738-3.6092i
61.9	-0.1015+0.3555i	-0.0577+0.3592i	-0.0574+0.1927i	-0.0882+0.2429i	3.2154-3.5331i	1.3854+9.2242i	-0.6300+1.5714i	-3.8859-3.5393i
62.0	-0.0905+0.3556i	-0.0468+0.3617i	-0.0476+0.1945i	-0.0826+0.2452i	3.0348-3.6524i	1.6396+9.1104i	-0.6651+1.5426i	-3.9623-3.4679i
62.1	-0.0816+0.3522i	-0.0381+0.3609i	-0.0409+0.1920i	-0.0767+0.2434i	2.8627-3.5538i	1.7419+8.9782i	-0.7896+1.5348i	-4.0760-3.3326i
62.2	-0.0773+0.3390i	-0.0329+0.3492i	-0.0359+0.1852i	-0.0725+0.2356i	2.5409-3.5016i	1.6933+8.7075i	-0.8665+1.5276i	-4.0546-3.1762i
62.3	-0.0668+0.3289i	-0.0243+0.3356i	-0.0264+0.1776i	-0.0687+0.2301i	2.4334-3.6300i	1.6442+8.3876i	-0.8994+1.6044i	-3.9214-2.9681i

62.4	-0.0582+0.3250i	-0.0174+0.3319i	-0.0212+0.1724i	-0.0646+0.2281i	2.2658-3.7979i	1.6805+8.2634i	-0.8295+1.6315i	-3.9711-2.8768i
62.5	-0.0591+0.3169i	-0.0143+0.3245i	-0.0194+0.1669i	-0.0649+0.2233i	2.2917-3.6017i	1.4691+8.0938i	-0.9357+1.7984i	-4.0356-2.8350i
62.6	-0.0478+0.3143i	-0.0009+0.3241i	-0.0085+0.1674i	-0.0590+0.2246i	2.3015-3.5443i	1.6607+8.0221i	-1.0283+1.9159i	-4.0905-2.6712i
62.7	-0.0389+0.3110i	0.0047+0.3225i	-0.0031+0.1656i	-0.0562+0.2239i	1.9221-3.6233i	1.8420+7.9157i	-0.9873+1.7389i	-4.1262-2.6462i
62.8	-0.0350+0.3181i	0.0118+0.3318i	0.0000+0.1698i	-0.0531+0.2283i	1.6674-3.4714i	2.1053+8.0335i	-1.0532+1.6677i	-4.3408-2.5288i
62.9	-0.0295+0.3165i	0.0227+0.3375i	0.0040+0.1711i	-0.0487+0.2308i	1.5610-3.5774i	2.2641+8.2206i	-1.0325+1.7501i	-4.4205-2.4361i
63.0	-0.0298+0.3093i	0.0278+0.3344i	0.0071+0.1670i	-0.0468+0.2274i	1.5169-3.6566i	2.2005+8.2886i	-1.0058+1.8444i	-4.6085-2.3691i
63.1	-0.0228+0.3078i	0.0391+0.3322i	0.0142+0.1655i	-0.0425+0.2261i	1.4646-3.4611i	2.3623+8.1483i	-1.1960+1.8116i	-4.8270-2.2104i
63.2	-0.0179+0.3045i	0.0485+0.3316i	0.0196+0.1637i	-0.0410+0.2257i	1.0469-3.4595i	2.5851+8.1282i	-1.1159+1.6985i	-4.9371-2.2288i
63.3	-0.0231+0.2975i	0.0525+0.3242i	0.0209+0.1585i	-0.0433+0.2226i	0.9420-3.5106i	2.5104+8.0985i	-1.0775+1.7771i	-4.9009-2.1369i
63.4	-0.0228+0.2904i	0.0565+0.3192i	0.0218+0.1538i	-0.0419+0.2197i	0.9345-3.5879i	2.5314+8.0352i	-1.0586+1.9517i	-4.9258-2.0413i
63.5	-0.0243+0.2905i	0.0641+0.3185i	0.0245+0.1526i	-0.0423+0.2202i	0.9114-3.5923i	2.5933+8.0789i	-1.1075+2.2610i	-4.9546-1.8707i
63.6	-0.0268+0.2972i	0.0728+0.3196i	0.0293+0.1538i	-0.0424+0.2250i	0.7595-3.6624i	2.7729+8.2910i	-1.0480+2.4090i	-5.1891-1.6885i
63.7	-0.0240+0.2955i	0.0826+0.3127i	0.0361+0.1508i	-0.0402+0.2216i	0.5234-3.6032i	2.9771+8.0459i	-1.1964+2.2690i	-5.3588-1.5870i
63.8	-0.0247+0.2983i	0.0916+0.3122i	0.0406+0.1537i	-0.0391+0.2250i	0.4767-3.3405i	3.1757+7.9585i	-1.4441+2.0854i	-5.5336-1.4582i
63.9	-0.0252+0.3033i	0.1004+0.3111i	0.0424+0.1540i	-0.0403+0.2292i	0.5660-3.5488i	3.2608+8.0764i	-1.2877+2.4702i	-5.7038-1.2682i
64.0	-0.0168+0.3156i	0.1115+0.3113i	0.0471+0.1540i	-0.0329+0.2375i	0.4166-3.5338i	3.5820+8.1348i	-1.2087+2.6152i	-5.7701-0.9309i
64.1	-0.0150+0.3171i	0.1159+0.3087i	0.0494+0.1530i	-0.0323+0.2369i	0.3073-3.4126i	3.6977+8.0493i	-1.1904+2.3920i	-5.7521-0.8667i
64.2	-0.0072+0.3155i	0.1277+0.3010i	0.0570+0.1507i	-0.0281+0.2354i	0.0669-3.2176i	3.8407+7.8775i	-1.3819+2.3722i	-5.8000-0.5464i
64.3	0.0007+0.3169i	0.1402+0.2965i	0.0623+0.1494i	-0.0225+0.2363i	0.0852-3.1216i	4.0951+7.8178i	-1.3377+2.5160i	-5.8399-0.3979i
64.4	0.0002+0.3160i	0.1485+0.2908i	0.0658+0.1469i	-0.0206+0.2361i	0.0193-2.9435i	4.1863+7.6936i	-1.6156+2.5119i	-5.9426-0.2671i
64.5	-0.0026+0.3247i	0.1539+0.2925i	0.0683+0.1477i	-0.0183+0.2413i	-0.0530-2.9571i	4.3168+7.8907i	-1.5994+2.7449i	-6.0943-0.0338i
64.6	0.0024+0.3319i	0.1591+0.2889i	0.0720+0.1494i	-0.0184+0.2450i	-0.1537-2.7422i	4.5379+7.8410i	-1.4522+2.9001i	-6.0953+0.1543i
64.7	0.0180+0.3327i	0.1679+0.2829i	0.0774+0.1485i	-0.0132+0.2463i	-0.2235-2.6810i	4.8239+7.6976i	-1.4451+2.9103i	-6.1358+0.5546i
64.8	0.0241+0.3331i	0.1723+0.2790i	0.0818+0.1473i	-0.0108+0.2478i	-0.3974-2.6042i	5.0430+7.4935i	-1.4217+2.8444i	-6.2418+0.7111i
64.9	0.0223+0.3445i	0.1750+0.2790i	0.0834+0.1480i	-0.0108+0.2525i	-0.3232-2.6282i	5.0996+7.5497i	-1.5027+3.1263i	-6.2666+0.8662i
65.0	0.0306+0.3471i	0.1813+0.2699i	0.0895+0.1456i	-0.0069+0.2541i	-0.1939-2.5754i	5.1941+7.4360i	-1.6250+3.2679i	-6.1273+1.3098i
65.1	0.0341+0.3499i	0.1875+0.2622i	0.0929+0.1432i	-0.0054+0.2570i	-0.3298-2.3435i	5.2646+7.2675i	-1.7136+3.2500i	-6.0759+1.5125i
65.2	0.0397+0.3639i	0.1931+0.2636i	0.0973+0.1461i	-0.0041+0.2629i	-0.2665-2.2276i	5.4121+7.2582i	-1.7882+3.4699i	-6.1572+1.6721i
65.3	0.0480+0.3712i	0.1997+0.2650i	0.1029+0.1453i	0.0022+0.2643i	-0.2009-2.1956i	5.5689+7.1694i	-1.7481+3.4924i	-6.2004+1.8915i
65.4	0.0652+0.3758i	0.2075+0.2607i	0.1090+0.1477i	0.0113+0.2696i	-0.0579-2.3087i	5.8506+7.1359i	-1.6129+3.7235i	-6.1560+2.2587i
65.5	0.0822+0.3777i	0.2197+0.2576i	0.1206+0.1473i	0.0191+0.2741i	0.0911-2.3336i	6.1692+7.1154i	-1.6037+4.0372i	-5.9836+2.7619i
65.6	0.0917+0.3822i	0.2282+0.2574i	0.1245+0.1462i	0.0239+0.2778i	0.0867-2.3531i	6.3689+7.1176i	-1.4707+4.2506i	-5.7663+3.0117i
65.7	0.1017+0.3900i	0.2356+0.2621i	0.1316+0.1458i	0.0294+0.2868i	-0.0247-2.3169i	6.5173+7.1537i	-1.3834+4.4813i	-5.7691+3.1573i
65.8	0.1115+0.3921i	0.2480+0.2557i	0.1396+0.1425i	0.0382+0.2876i	-0.0429-2.1945i	6.5916+7.0029i	-1.4236+4.7548i	-5.5991+3.4793i
65.9	0.1302+0.3945i	0.2632+0.2511i	0.1479+0.1449i	0.0491+0.2889i	0.1341-2.1788i	6.8148+6.8830i	-1.3999+4.7140i	-5.4826+3.7395i
66.0	0.1395+0.4056i	0.2798+0.2545i	0.1603+0.1469i	0.0554+0.2960i	0.1005-2.0317i	6.9397+6.9108i	-1.5059+5.0286i	-5.6204+4.0404i
66.1	0.1605+0.4034i	0.2992+0.2438i	0.1724+0.1418i	0.0699+0.2997i	0.0654-2.1269i	7.2381+6.7542i	-1.5844+5.0018i	-5.4620+4.4294i
66.2	0.1721+0.4084i	0.3128+0.2400i	0.1826+0.1409i	0.0758+0.3045i	0.3442-2.1639i	7.3393+6.8085i	-1.7755+5.5405i	-5.4208+4.6651i
66.3	0.1916+0.3991i	0.3211+0.2277i	0.1927+0.1337i	0.0880+0.2974i	0.2283-2.4309i	7.7246+6.7280i	-0.9454+5.7329i	-4.9430+4.7855i
66.4	0.2033+0.3995i	0.3357+0.2105i	0.2025+0.1290i	0.0941+0.2913i	0.3130-2.0969i	7.8081+6.5053i	-1.7781+5.7040i	-4.9790+5.2367i
66.5	0.2158+0.4041i	0.3515+0.2050i	0.2110+0.1249i	0.0999+0.2942i	0.4106-2.0231i	8.0420+6.4487i	-1.8578+5.9383i	-4.9147+5.3553i
66.6	0.2447+0.4067i	0.3726+0.1965i	0.2257+0.1194i	0.1140+0.3005i	0.7149-2.2444i	8.4330+6.5521i	-1.4821+6.9386i	-4.6164+6.0117i
66.7	0.2704+0.4031i	0.3850+0.1773i	0.2409+0.1074i	0.1282+0.2981i	0.7380-2.6885i	9.1288+6.5746i	-0.6341+7.8885i	-3.9999+6.4843i
66.8	0.2790+0.3924i	0.3977+0.1634i	0.2501+0.1005i	0.1371+0.2916i	0.4789-2.6802i	9.4573+6.2619i	-0.7578+7.3272i	-3.9205+6.4963i
66.9	0.2917+0.3921i	0.4129+0.1489i	0.2595+0.0958i	0.1454+0.2915i	0.5051-2.5216i	9.5863+6.0047i	-0.9743+7.3633i	-3.8795+6.8459i
67.0	0.3107+0.3926i	0.4229+0.1281i	0.2712+0.0864i	0.1539+0.2913i	0.7117-2.4521i	9.6256+5.8477i	-1.1501+8.3151i	-3.5141+7.2952i
67.1	0.3220+0.3968i	0.4303+0.1186i	0.2776+0.0816i	0.1632+0.2920i	0.7667-2.4628i	9.8107+5.7492i	-0.9084+8.4806i	-3.2911+7.3209i
67.2	0.3537+0.3833i	0.4410+0.0865i	0.2913+0.0638i	0.1781+0.2845i	0.8582-2.6370i	10.2281+5.4926i	-0.3992+9.4366i	-2.5934+7.7504i
67.3	0.3761+0.3966i	0.4609+0.0762i	0.3114+0.0603i	0.1855+0.2876i	1.1904-2.5552i	10.5397+5.6801i	-0.7764+10.3656i	-2.6745+8.3833i
67.4	0.4020+0.3709i	0.4675+0.0414i	0.3242+0.0326i	0.2035+0.2760i	1.1391-2.7729i	11.0809+5.2209i	-0.0798+10.9905i	-1.7510+8.6157i
67.5	0.4336+0.3523i	0.4756+0.0194i	0.3369+0.0192i	0.2201+0.2699i	0.9361-3.1620i	11.7332+4.9479i	1.3653+11.2578i	-1.0953+8.8249i
67.6	0.4605+0.3288i	0.4799-0.0108i	0.3429+0.0001i	0.2334+0.2585i	0.9223-3.2662i	12.1020+4.2726i	1.9742+11.4442i	-0.6402+8.7209i
67.7	0.4986+0.3160i	0.4946-0.0404i	0.3568-0.0225i	0.2506+0.2508i	0.8269-3.3401i	12.6933+3.9586i	2.9042+11.9841i	-0.1113+9.1976i
67.8	0.5356+0.3019i	0.5120-0.0745i	0.3766-0.0439i	0.2655+0.2425i	0.8241-3.6329i	13.2967+3.8523i	3.2886+13.3751i	0.6897+9.9531i
67.9	0.5611+0.2897i	0.5215-0.1060i	0.3908-0.0627i	0.2815+0.2364i	1.1213-3.7103i	13.6109+3.6462i	3.4084+14.7457i	1.1384+10.5616i
68.0	0.5868+0.2401i	0.5162-0.1506i	0.3915-0.0987i	0.3003+0.2094i	0.9796-3.9215i	14.3293+2.6826i	5.1587+14.1341i	2.2898+10.3547i
68.1	0.5960+0.2169i	0.5034-0.1831i	0.3956-0.1218i	0.3031+0.1982i	1.2386-4.1567i	14.6108+2.1259i	5.9788+14.8311i	3.0941+10.2693i
68.2	0.6121+0.1915i	0.4916-0.2124i	0.3929-0.1466i	0.3059+0.1817i	1.0873-4.4888i	14.7384+1.5501i	7.4091+15.1018i	3.6275+10.1978i
68.3	0.6247+0.1735i	0.4884-0.2367i	0.3900-0.1678i	0.3132+0.1742i	0.7653-4.6466i	15.0540+1.0632i	8.8293+15.1916i	4.0315+10.0166i
68.4	0.6549+0.1429i	0.4877-0.2800i	0.3952-0.1967i	0.3287+0.1612i	0.8191-4.8213i	15.6024+0.2514i	10.2228+15.4549i	4.9749+10.2523i
68.5	0.6721+0.1081i	0.4721-0.3387i	0.3978-0.2308i	0.3362+0.1430i	0.7273-5.0294i	15.6818-0.5822i	10.6373+15.7904i	5.9354+10.3270i
68.6	0.6643+0.0550i	0.4251-0.3682i	0.3757-0.2586i	0.3268+0.1134i	0.3918-5.2971i	15.5556-1.5485i	12.3496+15.0492i	6.6570+9.6978i

68.7	0.6884+0.0029i	0.3850-0.4052i	0.3594-0.3007i	0.3357+0.0966i	0.2624-5.7085i	15.9679-2.5522i	15.6514+14.5979i	7.8655+9.4160i
68.8	0.6940-0.0012i	0.3588-0.4149i	0.3481-0.3134i	0.3324+0.0964i	0.3256-5.5350i	15.8815-3.0663i	16.6014+14.4506i	8.3655+9.1100i
68.9	0.7011-0.0353i	0.3244-0.4396i	0.3333-0.3383i	0.3301+0.0871i	-0.0008-5.6757i	15.7027-3.9258i	17.1446+14.4120i	8.9555+8.9417i
69.0	0.6792-0.0996i	0.2626-0.4377i	0.2949-0.3529i	0.3168+0.0639i	-0.4459-6.1129i	15.1572-4.8805i	19.5003+12.1752i	9.7399+7.6682i
69.1	0.6627-0.1434i	0.2336-0.4320i	0.2695-0.3651i	0.3149+0.0452i	-0.7036-5.9982i	14.5976-5.9333i	19.9387+9.7435i	10.0560+6.8536i
69.2	0.6667-0.1961i	0.1951-0.4342i	0.2474-0.3882i	0.3165+0.0341i	-1.0611-6.2155i	14.6196-6.7247i	22.7879+9.0169i	11.4547+6.1262i
69.3	0.6561-0.2516i	0.1700-0.4481i	0.2349-0.4180i	0.3147+0.0203i	-1.5296-6.3142i	14.4610-7.6981i	24.1376+7.8127i	12.7745+5.2816i
69.4	0.6291-0.3175i	0.1324-0.4482i	0.2005-0.4426i	0.3097-0.0056i	-2.2399-6.7432i	14.1860-8.8506i	28.2169+4.4334i	13.8872+3.3234i
69.5	0.6153-0.3529i	0.1224-0.4709i	0.1831-0.4629i	0.3120-0.0285i	-2.5847-6.5987i	13.7150-9.2545i	28.4801+3.9515i	13.9374+2.7497i
69.6	0.5560-0.4059i	0.0891-0.4871i	0.1384-0.4784i	0.2962-0.0614i	-3.0298-6.0966i	12.6054-10.3155i	27.0324-0.0076i	13.5568+1.2438i
69.7	0.5177-0.4504i	0.0264-0.4979i	0.1001-0.4943i	0.2750-0.0811i	-3.1878-6.2418i	12.2148-11.1749i	29.3423-2.2793i	14.4899-0.4322i
69.8	0.4271-0.4775i	-0.0281-0.4483i	0.0313-0.4843i	0.2467-0.0786i	-4.0298-5.8472i	11.1726-12.4271i	29.2485-10.1093i	13.6794-3.5564i
69.9	0.3962-0.4911i	-0.0751-0.4305i	-0.0023-0.4810i	0.2252-0.0821i	-4.3211-5.7371i	10.7097-12.6810i	29.6888-11.1877i	14.0415-4.4198i
70.0	0.3663-0.4679i	-0.0913-0.4062i	-0.0165-0.4589i	0.2105-0.0784i	-3.9446-5.6158i	9.7547-12.5109i	27.1455-10.8154i	13.1180-4.5606i
70.1	0.3287-0.4848i	-0.1107-0.3771i	-0.0490-0.4465i	0.2059-0.0826i	-4.4947-5.4218i	8.8965-13.0447i	26.1026-15.0946i	12.2429-5.9056i
70.2	0.2871-0.5089i	-0.1387-0.3527i	-0.0795-0.4440i	0.1964-0.0871i	-4.7626-4.9374i	8.2836-13.6807i	26.0421-18.6014i	12.2432-7.0525i
70.3	0.2599-0.5043i	-0.1695-0.3283i	-0.0995-0.4298i	0.1757-0.0821i	-4.4335-4.7987i	7.6472-13.7942i	24.6902-18.5607i	12.1433-7.6674i
70.4	0.2107-0.5015i	-0.1897-0.3078i	-0.1223-0.4154i	0.1577-0.0904i	-4.4951-4.2981i	6.3747-14.0915i	20.9504-20.3153i	11.1732-8.3497i
70.5	0.1872-0.5166i	-0.1954-0.2842i	-0.1406-0.4075i	0.1577-0.0899i	-4.8325-4.6106i	5.5410-14.4574i	19.7758-23.3795i	10.2483-9.4150i
70.6	0.1393-0.5032i	-0.1833-0.2402i	-0.1583-0.3759i	0.1523-0.0827i	-5.3863-4.3984i	4.4573-14.3130i	16.5997-25.8371i	8.6502-10.3959i
70.7	0.1030-0.4745i	-0.1589-0.2275i	-0.1648-0.3506i	0.1524-0.0789i	-5.5587-3.8612i	3.3776-14.0461i	12.1345-26.1145i	6.6879-9.8936i
70.8	0.0514-0.4633i	-0.1653-0.1878i	-0.1923-0.3308i	0.1377-0.0699i	-5.7854-3.8225i	2.4988-14.2248i	10.3609-28.3477i	5.9192-11.4201i
70.9	0.0227-0.4459i	-0.1621-0.1640i	-0.2060-0.3079i	0.1372-0.0673i	-5.7999-3.5895i	1.5571-13.9862i	7.4351-29.4146i	4.8119-11.9823i
71.0	0.0144-0.4060i	-0.1434-0.1710i	-0.2016-0.2888i	0.1364-0.0721i	-5.7551-3.1903i	0.6593-13.4766i	2.6227-27.9198i	2.9722-11.2041i
71.1	0.0103-0.3932i	-0.1415-0.1692i	-0.2035-0.2801i	0.1355-0.0730i	-5.9833-3.1320i	0.0164-13.1535i	0.2487-27.2544i	1.8655-10.8754i
71.2	-0.0028-0.3944i	-0.1734-0.1529i	-0.2220-0.2702i	0.1272-0.0707i	-5.9650-3.2646i	-0.7324-13.1003i	-0.7201-26.7361i	1.5890-11.1603i
71.3	-0.0207-0.3825i	-0.1837-0.1307i	-0.2335-0.2500i	0.1190-0.0675i	-5.9474-2.8096i	-1.4512-12.6023i	-2.8786-24.9101i	1.0016-10.9946i
71.4	-0.0442-0.3441i	-0.1447-0.1096i	-0.2269-0.2200i	0.1247-0.0612i	-6.1887-2.4223i	-2.1162-11.9500i	-6.1769-24.9228i	-1.0271-10.8323i
71.5	-0.0199-0.3381i	-0.1531-0.1297i	-0.2147-0.2144i	0.1215-0.0744i	-5.8458-2.2502i	-2.2008-11.2980i	-7.5913-20.9958i	-0.9202-8.9122i
71.6	-0.0242-0.3317i	-0.1522-0.1292i	-0.2174-0.2087i	0.1197-0.0764i	-6.0117-2.2298i	-2.5254-11.0363i	-8.3367-19.8995i	-1.2853-8.6822i
71.7	-0.0261-0.3315i	-0.1663-0.1188i	-0.2171-0.2022i	0.1161-0.0727i	-6.2255-2.3322i	-2.8393-10.6681i	-7.6873-18.2848i	-1.4721-8.2411i
71.8	-0.0366-0.3012i	-0.1315-0.1144i	-0.2120-0.1818i	0.1184-0.0722i	-6.4151-2.0009i	-3.2403-9.9864i	-10.0697-17.5202i	-3.0777-7.5511i
71.9	-0.0372-0.2904i	-0.1249-0.1165i	-0.2065-0.1690i	0.1183-0.0744i	-6.5804-1.7461i	-3.5412-9.3650i	-11.3069-15.6883i	-3.6844-6.3754i
72.0	-0.0397-0.2900i	-0.1419-0.1186i	-0.2105-0.1647i	0.1106-0.0804i	-6.5768-1.4684i	-3.8271-9.1027i	-12.3197-13.9205i	-3.3590-5.5252i
72.1	-0.0464-0.2788i	-0.1290-0.1091i	-0.2070-0.1569i	0.1055-0.0791i	-6.5470-1.1587i	-3.8252-8.5356i	-12.2350-13.0392i	-3.3088-5.0269i
72.2	-0.0480-0.2793i	-0.1307-0.1018i	-0.2002-0.1501i	0.1027-0.0821i	-6.8230-0.9893i	-3.7092-8.0737i	-11.2463-12.0707i	-3.1316-4.0888i
72.3	-0.0729-0.2696i	-0.1140-0.0875i	-0.1993-0.1383i	0.0978-0.0802i	-6.7648-0.9523i	-4.0625-7.8702i	-11.4580-12.1419i	-3.5336-4.7198i
72.4	-0.0634-0.2619i	-0.1259-0.0877i	-0.1958-0.1347i	0.0958-0.0793i	-6.5886-0.7732i	-4.2004-7.3458i	-11.6531-9.8748i	-3.2734-3.9768i
72.5	-0.0467-0.2748i	-0.1577-0.1010i	-0.1968-0.1445i	0.0873-0.0885i	-6.3700-0.4822i	-3.9452-7.2856i	-12.0000-7.4959i	-2.2763-2.7636i
72.6	-0.0499-0.2908i	-0.1726-0.0828i	-0.1978-0.1405i	0.0788-0.0899i	-6.3035-0.3095i	-3.9234-7.0409i	-11.1162-6.3621i	-1.3876-2.3206i
72.7	-0.0532-0.2755i	-0.1640-0.0765i	-0.1943-0.1299i	0.0776-0.0861i	-6.4411-0.3705i	-4.0933-6.6744i	-10.9612-6.1047i	-2.0663-2.1738i
72.8	-0.0508-0.2739i	-0.1670-0.0759i	-0.1884-0.1217i	0.0717-0.0887i	-6.3764+0.0777i	-3.9855-6.2772i	-11.5514-5.1714i	-1.5624-1.0802i
72.9	-0.0542-0.2834i	-0.1718-0.0652i	-0.1885-0.1211i	0.0693-0.0877i	-6.5612+0.3729i	-3.9263-6.0448i	-11.3828-4.5252i	-0.7417-0.3929i
73.0	-0.0662-0.3021i	-0.1810-0.0558i	-0.1933-0.1295i	0.0637-0.0916i	-6.3698+0.5364i	-3.8679-6.1577i	-11.0403-3.6576i	0.7396-0.4424i
73.1	-0.0960-0.2993i	-0.1683-0.0390i	-0.1975-0.1254i	0.0561-0.0882i	-6.2011+0.6562i	-4.0285-5.9973i	-10.6143-3.4782i	1.1628-1.2851i
73.2	-0.1195-0.2995i	-0.1487-0.0255i	-0.1963-0.1180i	0.0530-0.0866i	-6.2226+0.9163i	-4.1484-5.7981i	-9.2622-3.9053i	1.5680-1.6525i
73.3	-0.1152-0.3012i	-0.1562-0.0184i	-0.1941-0.1148i	0.0506-0.0880i	-6.1730+1.1259i	-4.1638-5.6350i	-8.7721-2.5527i	2.1180-1.2500i
73.4	-0.1275-0.3103i	-0.1599-0.0110i	-0.1983-0.1159i	0.0438-0.0892i	-6.2750+1.2791i	-4.1740-5.5891i	-8.4359-1.9487i	3.1585-1.5024i
73.5	-0.1382-0.2980i	-0.1502-0.0113i	-0.1975-0.1115i	0.0412-0.0886i	-6.2878+1.4589i	-4.1875-5.3544i	-8.4383-2.1880i	3.2156-1.7378i
73.6	-0.1617-0.3077i	-0.1487+0.0005i	-0.2020-0.1143i	0.0333-0.0905i	-6.1993+1.7762i	-4.2931-5.2915i	-8.0819-1.9254i	4.1935-2.5332i
73.7	-0.1867-0.3105i	-0.1369+0.0112i	-0.2069-0.1129i	0.0297-0.0894i	-6.2377+1.8218i	-4.5104-5.1862i	-6.6373-1.8665i	4.2033-3.6481i
73.8	-0.2001-0.3007i	-0.1321+0.0129i	-0.2106-0.1077i	0.0269-0.0889i	-6.2084+1.9096i	-4.5836-5.0119i	-6.9565-1.5721i	3.8229-3.8209i
73.9	-0.2062-0.3054i	-0.1345+0.0094i	-0.2101-0.1084i	0.0211-0.0944i	-5.9737+2.3224i	-4.3132-4.9274i	-7.9286-1.6001i	4.7632-3.3130i
74.0	-0.2443-0.3078i	-0.1372+0.0245i	-0.2200-0.1071i	0.0090-0.0926i	-5.6787+2.5826i	-4.5570-4.9893i	-7.8450-0.1591i	5.9327-4.8578i
74.1	-0.2576-0.3025i	-0.1364+0.0252i	-0.2228-0.1062i	0.0026-0.0944i	-5.5414+2.8117i	-4.6542-4.9428i	-8.3523+0.5335i	6.3554-5.3353i
74.2	-0.2798-0.2930i	-0.1248+0.0201i	-0.2258-0.1057i	-0.0017-0.0936i	-5.5879+3.0947i	-4.7447-4.8517i	-7.9571-0.0477i	6.5051-5.8335i
74.3	-0.3014-0.2756i	-0.1171+0.0271i	-0.2298-0.1010i	-0.0094-0.0890i	-5.4139+3.0940i	-4.9388-4.6892i	-6.9902+0.4702i	6.4776-6.9587i
74.4	-0.3315-0.2598i	-0.1015+0.0341i	-0.2371-0.0948i	-0.0152-0.0853i	-5.3467+3.0567i	-5.2299-4.4402i	-5.5850+0.5181i	6.2670-8.2538i
74.5	-0.3503-0.2543i	-0.0981+0.0329i	-0.2412-0.0919i	-0.0206-0.0855i	-5.3228+3.1691i	-5.3423-4.3550i	-5.4204+1.0925i	6.5265-9.1501i
74.6	-0.3594-0.2457i	-0.1050+0.0273i	-0.2436-0.0906i	-0.0287-0.0842i	-5.1677+3.5230i	-5.3316-4.2998i	-5.9594+1.6860i	6.7804-9.8188i
74.7	-0.3895-0.2350i	-0.1049+0.0297i	-0.2560-0.0877i	-0.0398-0.0813i	-4.7549+3.7770i	-5.6131-4.3626i	-5.3304+2.1723i	6.8481-11.4091i
74.8	-0.4062-0.2146i	-0.0998+0.0261i	-0.2635-0.0843i	-0.0440-0.0802i	-4.7318+3.8807i	-5.7899-4.0849i	-4.8492+1.4124i	6.2133-12.2389i
74.9	-0.4128-0.1799i	-0.0927+0.0216i	-0.2643-0.0708i	-0.0479-0.0721i	-4.4568+3.8881i	-5.8502-3.7692i	-4.6360+1.3376i	5.0453-12.7788i

75.0	-0.4424-0.1453i	-0.0938+0.0189i	-0.2737-0.0593i	-0.0604-0.0645i	-4.2352+4.0946i	-6.0592-3.5383i	-4.3344+1.7644i	4.1450-14.4752i
75.1	-0.4435-0.1201i	-0.1001+0.0229i	-0.2773-0.0509i	-0.0654-0.0561i	-3.9440+4.1573i	-6.1204-3.3574i	-4.2495+2.7600i	3.3070-15.1957i
75.2	-0.4550-0.1052i	-0.1043+0.0211i	-0.2817-0.0480i	-0.0723-0.0526i	-3.7065+4.4149i	-6.1454-3.2034i	-4.5629+3.1963i	2.9724-15.6404i
75.3	-0.4599-0.0931i	-0.1083+0.0160i	-0.2870-0.0439i	-0.0778-0.0535i	-3.6482+4.5336i	-6.2143-3.0533i	-4.6429+2.6931i	2.4786-15.8311i
75.4	-0.4538-0.0714i	-0.1109+0.0145i	-0.2890-0.0342i	-0.0801-0.0486i	-3.5421+4.5062i	-6.1733-2.7805i	-4.7045+2.2567i	1.5622-15.7452i
75.5	-0.4818-0.0367i	-0.1108+0.0177i	-0.3015-0.0200i	-0.0931-0.0376i	-3.1956+4.6053i	-6.3775-2.5202i	-3.7341+1.9938i	0.2958-16.8317i
75.6	-0.5033-0.0077i	-0.1113+0.0228i	-0.3115-0.0087i	-0.1038-0.0274i	-2.8956+4.5606i	-6.6095-2.3353i	-2.5617+2.6322i	-0.8546-18.0077i
75.7	-0.5090+0.0378i	-0.1109+0.0273i	-0.3119+0.0077i	-0.1071-0.0112i	-2.6996+4.6136i	-6.6781-1.8742i	-2.2799+2.4580i	-2.4942-17.9913i
75.8	-0.5145+0.0680i	-0.1161+0.0334i	-0.3145+0.0205i	-0.1152+0.0005i	-2.4658+4.6092i	-6.7561-1.7287i	-2.1227+3.6712i	-3.2831-18.5861i
75.9	-0.5169+0.0979i	-0.1158+0.0335i	-0.3199+0.0319i	-0.1165+0.0101i	-2.3514+4.5140i	-6.9763-1.5779i	-1.2252+3.5480i	-4.3983-18.9694i
76.0	-0.5062+0.1327i	-0.1185+0.0365i	-0.3180+0.0456i	-0.1163+0.0229i	-2.0548+4.5040i	-6.9384-1.3547i	-1.1880+4.1507i	-5.5269-18.8972i
76.1	-0.4848+0.1576i	-0.1236+0.0359i	-0.3114+0.0593i	-0.1101+0.0314i	-1.6458+4.3644i	-6.7185-1.1155i	-1.5085+4.3225i	-6.2277-18.3664i
76.2	-0.4807+0.2049i	-0.1199+0.0367i	-0.3110+0.0769i	-0.1110+0.0487i	-1.6009+4.4429i	-6.9406-0.6531i	-0.1235+3.4244i	-8.2373-18.3723i
76.3	-0.4591+0.2327i	-0.1226+0.0368i	-0.3041+0.0905i	-0.1064+0.0585i	-1.5595+4.3095i	-6.8061-0.3673i	-0.2640+2.6017i	-9.0908-17.8846i
76.4	-0.4396+0.2507i	-0.1303+0.0399i	-0.3014+0.1001i	-0.1023+0.0624i	-1.3955+4.2495i	-6.7083-0.2041i	-0.0016+2.3083i	-9.8599-17.5604i
76.5	-0.4296+0.2758i	-0.1391+0.0421i	-0.3011+0.1094i	-0.1039+0.0711i	-1.1839+4.2716i	-6.6864+0.0773i	0.1668+2.4105i	-10.9460-17.4776i
76.6	-0.4102+0.2985i	-0.1471+0.0489i	-0.2945+0.1224i	-0.0992+0.0797i	-1.0628+4.1615i	-6.6733+0.3164i	0.7083+2.4062i	-12.0372-17.0213i
76.7	-0.3897+0.3239i	-0.1522+0.0590i	-0.2908+0.1382i	-0.0983+0.0934i	-0.8503+4.0898i	-6.6037+0.5345i	0.8021+2.5939i	-13.0269-16.6665i
76.8	-0.3761+0.3467i	-0.1588+0.0700i	-0.2893+0.1513i	-0.0984+0.1027i	-0.4960+4.0588i	-6.6723+0.7843i	1.0258+3.0360i	-13.9171-16.5300i
76.9	-0.3454+0.3733i	-0.1575+0.0838i	-0.2756+0.1675i	-0.0920+0.1171i	-0.4181+3.8098i	-6.6022+1.0834i	1.9328+2.7028i	-15.3791-15.7561i
77.0	-0.3297+0.3635i	-0.1580+0.0902i	-0.2683+0.1673i	-0.0864+0.1153i	-0.4682+3.6297i	-6.5389+1.0924i	2.5672+2.0055i	-15.5707-15.3653i
77.1	-0.3045+0.3657i	-0.1630+0.1024i	-0.2595+0.1740i	-0.0804+0.1191i	-0.3338+3.6437i	-6.3508+1.2982i	1.9817+2.1763i	-16.1537-14.4145i
77.2	-0.2910+0.3719i	-0.1648+0.1125i	-0.2553+0.1802i	-0.0793+0.1264i	-0.3044+3.5709i	-6.2476+1.4736i	1.4473+1.9635i	-16.7963-13.6834i
77.3	-0.2756+0.3798i	-0.1643+0.1241i	-0.2495+0.1860i	-0.0744+0.1330i	-0.1630+3.4494i	-6.1777+1.6962i	2.1285+1.8293i	-17.5419-12.9705i
77.4	-0.2578+0.3865i	-0.1697+0.1340i	-0.2430+0.1952i	-0.0692+0.1387i	-0.0462+3.3102i	-6.0712+1.9657i	2.3767+1.3765i	-18.4917-12.2321i
77.5	-0.2407+0.3957i	-0.1677+0.1477i	-0.2385+0.2057i	-0.0663+0.1444i	-0.1955+3.2186i	-5.8519+2.2965i	1.7928+0.5062i	-19.4125-10.8581i
77.6	-0.2437+0.3945i	-0.1696+0.1630i	-0.2376+0.2113i	-0.0704+0.1470i	-0.1050+3.2000i	-5.7329+2.3380i	1.5588+0.8924i	-19.4394-10.0664i
77.7	-0.2358+0.4082i	-0.1643+0.1793i	-0.2315+0.2226i	-0.0662+0.1584i	-0.0212+2.9687i	-5.7028+2.5517i	2.4030+0.6494i	-19.9821-9.2160i
77.8	-0.2284+0.4235i	-0.1551+0.2002i	-0.2243+0.2351i	-0.0616+0.1706i	-0.0030+2.8124i	-5.6050+2.7363i	2.6095+0.4629i	-20.2661-8.1354i
77.9	-0.2420+0.4330i	-0.1565+0.2144i	-0.2278+0.2432i	-0.0687+0.1770i	0.0607+2.7733i	-5.5878+2.7809i	2.0197+0.9630i	-20.0319-8.0771i
78.0	-0.2295+0.4466i	-0.1460+0.2291i	-0.2192+0.2542i	-0.0631+0.1871i	-0.0214+2.7194i	-5.4740+2.8633i	1.8923+0.8795i	-20.0090-7.3248i
78.1	-0.2092+0.4601i	-0.1336+0.2414i	-0.2048+0.2641i	-0.0535+0.1959i	-0.0172+2.7587i	-5.2696+3.0065i	1.4540+1.2452i	-19.8960-6.3830i
78.2	-0.1917+0.4945i	-0.1158+0.2613i	-0.1931+0.2818i	-0.0431+0.2126i	-0.1001+2.6292i	-5.2120+3.2544i	2.1750+0.7426i	-20.6355-5.5861i
78.3	-0.1677+0.5330i	-0.0922+0.2768i	-0.1793+0.3019i	-0.0312+0.2307i	-0.1078+2.4972i	-5.1348+3.6714i	2.8784-0.1664i	-21.5834-4.6561i
78.4	-0.1451+0.5702i	-0.0720+0.2942i	-0.1630+0.3205i	-0.0171+0.2488i	0.0244+2.4161i	-4.9975+3.9304i	3.4117+0.0874i	-22.1357-3.9516i
78.5	-0.1235+0.5776i	-0.0572+0.3035i	-0.1495+0.3263i	-0.0080+0.2520i	0.0245+2.3835i	-4.8609+3.8900i	3.5804+0.3010i	-21.8674-3.5200i
78.6	-0.0945+0.5892i	-0.0370+0.3067i	-0.1309+0.3327i	0.0076+0.2581i	-0.0730+2.3954i	-4.7253+4.1212i	3.1431-0.5531i	-21.7835-2.6159i
78.7	-0.0579+0.6090i	-0.0163+0.3114i	-0.1118+0.3420i	0.0285+0.2685i	-0.1251+2.4019i	-4.4923+4.3755i	2.9295-0.6970i	-21.9725-1.6237i
78.8	-0.0232+0.6263i	0.0049+0.3222i	-0.0922+0.3520i	0.0435+0.2781i	-0.1278+2.4056i	-4.2809+4.5181i	3.4726-0.2871i	-22.2077-1.0578i
78.9	0.0247+0.6183i	0.0336+0.3167i	-0.0685+0.3469i	0.0674+0.2724i	-0.1772+2.2061i	-3.9420+4.5687i	3.7392-0.8615i	-21.8061-0.0137i
79.0	0.0727+0.6137i	0.0681+0.3073i	-0.0391+0.3445i	0.0910+0.2679i	-0.2615+2.0796i	-3.6361+4.5973i	4.6204-2.0038i	-21.7499+0.8135i
79.1	0.0912+0.6073i	0.0847+0.2958i	-0.0256+0.3406i	0.1014+0.2646i	-0.3754+2.0564i	-3.5115+4.6199i	4.7602-2.8368i	-21.7177+1.1741i
79.2	0.1268+0.6115i	0.1028+0.2885i	-0.0063+0.3406i	0.1182+0.2620i	-0.4715+2.1178i	-3.3315+4.8264i	3.9325-3.3997i	-21.9151+2.0881i
79.3	0.1662+0.6500i	0.1281+0.2979i	0.0142+0.3568i	0.1360+0.2810i	-0.5964+2.4462i	-3.3283+5.1498i	3.5658-3.2764i	-22.9093+2.8510i
79.4	0.1985+0.6482i	0.1429+0.2876i	0.0321+0.3544i	0.1508+0.2812i	-0.5169+2.5092i	-3.1846+5.2752i	3.4354-3.2908i	-23.0648+3.4770i
79.5	0.2570+0.6440i	0.1641+0.2719i	0.0596+0.3467i	0.1767+0.2781i	-0.3985+2.6069i	-2.7798+5.4259i	3.3282-3.1560i	-23.2234+4.8305i
79.6	0.2984+0.6144i	0.1814+0.2503i	0.0789+0.3327i	0.1970+0.2606i	-0.3979+2.7430i	-2.4142+5.4186i	3.1850-3.6493i	-22.6994+6.1072i
79.7	0.3402+0.5947i	0.1995+0.2308i	0.1034+0.3192i	0.2176+0.2472i	-0.3882+2.8903i	-2.1650+5.4782i	3.1416-4.1759i	-22.4230+7.4125i
79.8	0.3748+0.5796i	0.2031+0.2152i	0.1162+0.3106i	0.2295+0.2392i	-0.3055+3.0691i	-1.8568+5.5232i	2.4630-4.0433i	-22.0095+8.3878i
79.9	0.4278+0.5542i	0.2112+0.1937i	0.1375+0.2953i	0.2495+0.2248i	-0.1757+3.1581i	-1.4466+5.5616i	2.1211-4.2487i	-21.5690+9.7415i
80.0	0.4604+0.5126i	0.2168+0.1732i	0.1534+0.2761i	0.2636+0.2023i	0.0061+3.0878i	-1.1478+5.6045i	2.2075-5.0327i	-20.7900+10.8894i

1.1.21 Run 6 – VT000 – NF and AF gauges

Vertical shaking at 0°. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	-0.0578+0.0000i	0.2225+0.0000i	0.4263+0.0000i	0.7021+0.0000i	0.0259+0.0000i	-0.0361+0.0000i	0.0309+0.0000i	0.0276+0.0000i
0.1	-0.1313+0.0074i	0.5608-0.0329i	0.2719+0.0218i	0.3443+0.0217i	0.0035+0.0018i	-0.0234-0.0009i	0.0073+0.0025i	0.0053+0.0022i
0.2	-0.1467+0.0036i	0.6264+0.0004i	0.2437+0.0089i	0.2644-0.0053i	-0.0012-0.0004i	-0.0202+0.0005i	0.0028+0.0001i	0.0000+0.0003i
0.3	-0.1416+0.0049i	0.6250-0.0013i	0.2548+0.0057i	0.2545+0.0023i	-0.0014-0.0002i	-0.0194-0.0000i	0.0031-0.0000i	0.0005-0.0009i
0.4	-0.1336-0.0063i	0.6163+0.0081i	0.2634-0.0220i	0.2428+0.0234i	-0.0006-0.0010i	-0.0186-0.0010i	0.0042-0.0015i	0.0017+0.0001i
0.5	-0.1531-0.0222i	0.6364+0.0236i	0.2233-0.0213i	0.2816+0.0190i	-0.0022-0.0024i	-0.0205-0.0016i	0.0015-0.0029i	0.0002-0.0017i
0.6	-0.1647-0.0032i	0.6442+0.0046i	0.2383+0.0004i	0.2681+0.0002i	-0.0029-0.0010i	-0.0214-0.0001i	0.0008-0.0009i	-0.0004-0.0003i
0.7	-0.1524+0.0041i	0.6330+0.0007i	0.2661-0.0102i	0.2404+0.0113i	-0.0020-0.0002i	-0.0201+0.0004i	0.0020-0.0003i	-0.0001-0.0001i
0.8	-0.1416-0.0093i	0.6239+0.0099i	0.2456-0.0799i	0.2607+0.0786i	-0.0011-0.0008i	-0.0194-0.0007i	0.0026-0.0028i	0.0010-0.0002i
0.9	-0.1533-0.0278i	0.6384+0.0258i	0.1341-0.0804i	0.3697+0.0787i	-0.0022-0.0026i	-0.0203-0.0021i	-0.0006-0.0048i	0.0008-0.0014i
1.0	-0.1594-0.0264i	0.6431+0.0259i	0.1604-0.0198i	0.3463+0.0201i	-0.0029-0.0030i	-0.0208-0.0022i	-0.0010-0.0036i	-0.0005-0.0029i
1.1	-0.1793-0.0182i	0.6628+0.0178i	0.1915-0.0031i	0.3152+0.0046i	-0.0047-0.0019i	-0.0228-0.0013i	-0.0024-0.0025i	-0.0028-0.0020i
1.2	-0.1815-0.0028i	0.6657+0.0015i	0.2006-0.0021i	0.3064+0.0032i	-0.0050-0.0005i	-0.0230+0.0002i	-0.0024-0.0008i	-0.0031-0.0003i
1.3	-0.1775+0.0020i	0.6633-0.0012i	0.2046-0.0007i	0.3038+0.0028i	-0.0049-0.0003i	-0.0227+0.0006i	-0.0024-0.0004i	-0.0033+0.0002i
1.4	-0.1773+0.0041i	0.6632-0.0030i	0.2063-0.0008i	0.3015+0.0029i	-0.0051-0.0001i	-0.0227+0.0008i	-0.0025-0.0001i	-0.0027+0.0001i
1.5	-0.1782+0.0054i	0.6634-0.0041i	0.2097-0.0029i	0.3000+0.0013i	-0.0054-0.0001i	-0.0227+0.0006i	-0.0026-0.0000i	-0.0033-0.0006i
1.6	-0.1829+0.0099i	0.6695-0.0082i	0.2113-0.0005i	0.2971+0.0014i	-0.0061+0.0003i	-0.0237+0.0010i	-0.0036+0.0006i	-0.0047+0.0012i
1.7	-0.1928+0.0151i	0.6786-0.0128i	0.2134-0.0013i	0.2964+0.0018i	-0.0073+0.0007i	-0.0251+0.0019i	-0.0049+0.0012i	-0.0058+0.0014i
1.8	-0.2017+0.0284i	0.6869-0.0259i	0.2132-0.0011i	0.2959+0.0028i	-0.0085+0.0023i	-0.0263+0.0035i	-0.0066+0.0029i	-0.0075+0.0033i
1.9	-0.2003+0.0644i	0.6843-0.0611i	0.2121-0.0015i	0.2967+0.0021i	-0.0084+0.0064i	-0.0262+0.0076i	-0.0066+0.0084i	-0.0075+0.0097i
2.0	-0.1627+0.0839i	0.6496-0.0839i	0.2077+0.0002i	0.3031+0.0005i	-0.0048+0.0095i	-0.0222+0.0106i	-0.0019+0.0118i	-0.0031+0.0134i
2.1	-0.1244+0.0726i	0.6115-0.0740i	0.2014+0.0140i	0.3093-0.0123i	-0.0003+0.0093i	-0.0179+0.0103i	0.0031+0.0111i	0.0026+0.0133i
2.2	-0.1157+0.0457i	0.6024-0.0471i	0.2275+0.0195i	0.2867-0.0174i	0.0013+0.0073i	-0.0164+0.0080i	0.0045+0.0091i	0.0047+0.0112i
2.3	-0.1190+0.0344i	0.6061-0.0344i	0.2336+0.0050i	0.2819-0.0037i	0.0022+0.0070i	-0.0155+0.0078i	0.0062+0.0095i	0.0065+0.0106i
2.4	-0.1269+0.0275i	0.6162-0.0272i	0.2280-0.0022i	0.2876+0.0012i	0.0066+0.0027i	-0.0112+0.0038i	0.0139+0.0033i	0.0146+0.0039i
2.5	-0.1256+0.0276i	0.6132-0.0306i	0.2232-0.0036i	0.2915+0.0023i	0.0023-0.0016i	-0.0152-0.0006i	0.0070-0.0037i	0.0077-0.0037i
2.6	-0.1223+0.0179i	0.6073-0.0203i	0.2204-0.0031i	0.2965-0.0001i	-0.0002-0.0003i	-0.0177+0.0009i	0.0026-0.0013i	0.0029-0.0009i
2.7	-0.1248+0.0115i	0.6136-0.0120i	0.2188-0.0019i	0.2969+0.0006i	-0.0004+0.0000i	-0.0177+0.0011i	0.0025-0.0004i	0.0032+0.0006i
2.8	-0.1280+0.0085i	0.6185-0.0077i	0.2183+0.0002i	0.2968+0.0003i	-0.0008-0.0000i	-0.0182+0.0009i	0.0022-0.0002i	0.0031+0.0004i
2.9	-0.1319+0.0056i	0.6224-0.0043i	0.2202-0.0010i	0.2961-0.0012i	-0.0012-0.0002i	-0.0187+0.0008i	0.0016-0.0002i	0.0019-0.0002i
3.0	-0.1339+0.0010i	0.6260-0.0016i	0.2220-0.0036i	0.2965-0.0003i	-0.0016-0.0003i	-0.0186+0.0007i	0.0015-0.0005i	0.0015-0.0009i
3.1	-0.1425-0.0079i	0.6358+0.0073i	0.2215-0.0032i	0.2963+0.0010i	-0.0022-0.0013i	-0.0195-0.0001i	0.0004-0.0018i	0.0003-0.0020i
3.2	-0.1628-0.0025i	0.6561+0.0042i	0.2215-0.0015i	0.2995-0.0004i	-0.0037-0.0010i	-0.0213+0.0001i	-0.0011-0.0013i	-0.0014-0.0017i
3.3	-0.1560+0.0157i	0.6527-0.0136i	0.2223+0.0002i	0.3010+0.0001i	-0.0037+0.0007i	-0.0208+0.0016i	-0.0008+0.0007i	-0.0015+0.0005i
3.4	-0.1507+0.0212i	0.6438-0.0228i	0.2212+0.0021i	0.3023-0.0004i	-0.0032+0.0013i	-0.0204+0.0022i	-0.0002+0.0016i	-0.0007+0.0008i
3.5	-0.1237+0.0277i	0.6201-0.0317i	0.2177+0.0011i	0.3057-0.0039i	-0.0014+0.0017i	-0.0186+0.0025i	0.0014+0.0015i	0.0019+0.0015i
3.6	-0.0957+0.0134i	0.5903-0.0153i	0.2145+0.0057i	0.3102-0.0022i	0.0007+0.0002i	-0.0166+0.0018i	0.0029+0.0006i	0.0044-0.0000i
3.7	-0.1716-0.0005i	0.6748+0.0009i	0.2251+0.0021i	0.3009+0.0016i	-0.0051-0.0007i	-0.0231+0.0004i	-0.0032-0.0006i	-0.0032-0.0017i
3.8	-0.1647-0.0006i	0.6667-0.0005i	0.2252-0.0000i	0.3015-0.0016i	-0.0049-0.0004i	-0.0224+0.0005i	-0.0029-0.0003i	-0.0026-0.0002i
3.9	-0.1628+0.0008i	0.6643-0.0017i	0.2259-0.0001i	0.3028-0.0011i	-0.0049-0.0003i	-0.0222+0.0006i	-0.0028-0.0002i	-0.0027+0.0001i
4.0	-0.1629+0.0012i	0.6646-0.0020i	0.2263+0.0003i	0.3035-0.0008i	-0.0049-0.0003i	-0.0223+0.0006i	-0.0029-0.0002i	-0.0027+0.0002i
4.1	-0.1638+0.0019i	0.6658-0.0020i	0.2260+0.0000i	0.3036-0.0004i	-0.0050-0.0003i	-0.0224+0.0007i	-0.0031-0.0001i	-0.0028+0.0003i
4.2	-0.1658+0.0027i	0.6689-0.0036i	0.2265-0.0002i	0.3054+0.0005i	-0.0055-0.0002i	-0.0227+0.0008i	-0.0035+0.0000i	-0.0031+0.0004i
4.3	-0.1678+0.0050i	0.6723-0.0058i	0.2268-0.0017i	0.3077+0.0005i	-0.0058+0.0000i	-0.0231+0.0010i	-0.0039+0.0004i	-0.0034+0.0006i
4.4	-0.1669+0.0096i	0.6731-0.0085i	0.2275-0.0025i	0.3098+0.0002i	-0.0057+0.0003i	-0.0233+0.0015i	-0.0040+0.0008i	-0.0035+0.0013i
4.5	-0.1632+0.0104i	0.6708-0.0100i	0.2278-0.0017i	0.3103+0.0006i	-0.0055+0.0006i	-0.0227+0.0015i	-0.0036+0.0009i	-0.0032+0.0009i
4.6	-0.1597+0.0059i	0.6706-0.0079i	0.2283-0.0031i	0.3115+0.0020i	-0.0054+0.0004i	-0.0225+0.0014i	-0.0036+0.0004i	-0.0037+0.0004i
4.7	-0.1596-0.0006i	0.6715-0.0028i	0.2273-0.0034i	0.3146+0.0023i	-0.0053-0.0007i	-0.0226+0.0006i	-0.0038-0.0003i	-0.0042+0.0003i
4.8	-0.1625-0.0051i	0.6770+0.0006i	0.2228-0.0028i	0.3171-0.0010i	-0.0058-0.0010i	-0.0230+0.0000i	-0.0047-0.0007i	-0.0046-0.0010i
4.9	-0.1664-0.0082i	0.6811+0.0030i	0.2230+0.0003i	0.3202-0.0041i	-0.0064-0.0011i	-0.0236+0.0001i	-0.0052-0.0009i	-0.0046-0.0015i
5.0	-0.1765-0.0090i	0.6929+0.0065i	0.2271+0.0044i	0.3192-0.0022i	-0.0078-0.0009i	-0.0253+0.0002i	-0.0071-0.0008i	-0.0056-0.0005i
5.1	-0.1797-0.0008i	0.7005+0.0009i	0.2314+0.0022i	0.3209-0.0016i	-0.0082+0.0001i	-0.0259+0.0011i	-0.0076+0.0004i	-0.0066+0.0011i
5.2	-0.1778+0.0015i	0.7032-0.0032i	0.2313+0.0021i	0.3237-0.0036i	-0.0086+0.0005i	-0.0261+0.0015i	-0.0079+0.0012i	-0.0069+0.0020i
5.3	-0.1714+0.0032i	0.7003-0.0077i	0.2337+0.0039i	0.3275-0.0049i	-0.0084+0.0013i	-0.0255+0.0026i	-0.0075+0.0026i	-0.0066+0.0028i
5.4	-0.1632+0.0032i	0.6916-0.0098i	0.2324+0.0019i	0.3296-0.0109i	-0.0068+0.0020i	-0.0241+0.0035i	-0.0060+0.0039i	-0.0058+0.0032i
5.5	-0.1530-0.0078i	0.6806-0.0051i	0.2392+0.0114i	0.3276-0.0243i	-0.0043+0.0024i	-0.0217+0.0029i	-0.0018+0.0033i	-0.0036+0.0011i
5.6	-0.1700-0.0381i	0.7122+0.0330i	0.2549+0.0034i	0.3168-0.0050i	-0.0048-0.0044i	-0.0225-0.0024i	-0.0021-0.0054i	-0.0013-0.0044i

5.7	-0.1934-0.0334i	0.7370+0.0286i	0.2498-0.0079i	0.3253+0.0113i	-0.0082-0.0048i	-0.0256-0.0034i	-0.0063-0.0065i	-0.0059-0.0053i
5.8	-0.1957-0.0213i	0.7443+0.0200i	0.2491-0.0093i	0.3342+0.0069i	-0.0092-0.0038i	-0.0268-0.0027i	-0.0081-0.0050i	-0.0070-0.0048i
5.9	-0.1938-0.0161i	0.7479+0.0130i	0.2466-0.0082i	0.3436+0.0037i	-0.0100-0.0029i	-0.0277-0.0021i	-0.0096-0.0039i	-0.0085-0.0046i
6.0	-0.1875-0.0110i	0.7497+0.0070i	0.2476-0.0037i	0.3507-0.0008i	-0.0096-0.0021i	-0.0274-0.0010i	-0.0090-0.0026i	-0.0080-0.0026i
6.1	-0.1812-0.0112i	0.7520+0.0044i	0.2531-0.0017i	0.3552-0.0049i	-0.0090-0.0023i	-0.0268-0.0012i	-0.0081-0.0027i	-0.0069-0.0026i
6.2	-0.1754-0.0163i	0.7569+0.0032i	0.2605-0.0026i	0.3594-0.0080i	-0.0089-0.0034i	-0.0267-0.0023i	-0.0080-0.0042i	-0.0064-0.0045i
6.3	-0.1703-0.0188i	0.7610+0.0037i	0.2670-0.0038i	0.3633-0.0088i	-0.0087-0.0039i	-0.0267-0.0027i	-0.0079-0.0049i	-0.0063-0.0054i
6.4	-0.1636-0.0219i	0.7653+0.0039i	0.2739-0.0069i	0.3704-0.0103i	-0.0086-0.0045i	-0.0267-0.0032i	-0.0078-0.0057i	-0.0060-0.0061i
6.5	-0.1554-0.0271i	0.7696+0.0034i	0.2807-0.0109i	0.3791-0.0128i	-0.0083-0.0051i	-0.0265-0.0036i	-0.0074-0.0064i	-0.0055-0.0069i
6.6	-0.1397-0.0354i	0.7741+0.0029i	0.2922-0.0152i	0.3894-0.0174i	-0.0070-0.0060i	-0.0253-0.0044i	-0.0058-0.0076i	-0.0037-0.0084i
6.7	-0.1219-0.0453i	0.7780+0.0042i	0.3037-0.0209i	0.4007-0.0222i	-0.0059-0.0073i	-0.0242-0.0056i	-0.0042-0.0095i	-0.0021-0.0105i
6.8	-0.0859-0.0651i	0.7793+0.0063i	0.3238-0.0311i	0.4237-0.0309i	-0.0027-0.0097i	-0.0213-0.0077i	-0.0003-0.0128i	0.0021-0.0140i
6.9	-0.0260-0.1109i	0.7783+0.0131i	0.3548-0.0525i	0.4592-0.0513i	0.0029-0.0152i	-0.0162-0.0127i	0.0069-0.0201i	0.0101-0.0219i
7.0	0.0367-0.2453i	0.7816+0.0368i	0.3927-0.1126i	0.4964-0.1147i	0.0075-0.0309i	-0.0119-0.0272i	0.0130-0.0413i	0.0166-0.0444i
7.1	-0.0333-0.4582i	0.8085+0.0631i	0.3720-0.2181i	0.4721-0.2174i	-0.0040-0.0529i	-0.0225-0.0474i	-0.0030-0.0703i	0.0001-0.0754i
7.2	-0.3058-0.5879i	0.8588+0.0685i	0.2460-0.2952i	0.3502-0.2835i	-0.0355-0.0623i	-0.0517-0.0561i	-0.0453-0.0818i	-0.0450-0.0882i
7.3	-0.5992-0.5180i	0.9064+0.0557i	0.0978-0.2630i	0.2223-0.2533i	-0.0659-0.0516i	-0.0797-0.0466i	-0.0854-0.0672i	-0.0881-0.0724i
7.4	-0.6982-0.3352i	0.9330+0.0244i	0.0560-0.1708i	0.1811-0.1760i	-0.0763-0.0308i	-0.0895-0.0276i	-0.0992-0.0397i	-0.1023-0.0427i
7.5	-0.6956-0.1568i	0.9391-0.0109i	0.0655-0.0892i	0.1827-0.0985i	-0.0750-0.0104i	-0.0888-0.0086i	-0.0977-0.0120i	-0.0999-0.0135i
7.6	-0.6324-0.0673i	0.9357-0.0269i	0.1004-0.0507i	0.2162-0.0553i	-0.0672-0.0006i	-0.0821+0.0006i	-0.0875+0.0013i	-0.0890+0.0005i
7.7	-0.5870-0.0395i	0.9368-0.0323i	0.1257-0.0379i	0.2429-0.0404i	-0.0623+0.0021i	-0.0776+0.0032i	-0.0808+0.0050i	-0.0819+0.0040i
7.8	-0.5688-0.0260i	0.9475-0.0339i	0.1415-0.0326i	0.2602-0.0326i	-0.0610+0.0035i	-0.0766+0.0045i	-0.0790+0.0069i	-0.0797+0.0062i
7.9	-0.5698-0.0182i	0.9653-0.0388i	0.1495-0.0327i	0.2710-0.0316i	-0.0622+0.0050i	-0.0778+0.0060i	-0.0807+0.0091i	-0.0813+0.0082i
8.0	-0.5758-0.0015i	0.9810-0.0476i	0.1533-0.0289i	0.2780-0.0278i	-0.0634+0.0078i	-0.0792+0.0089i	-0.0825+0.0131i	-0.0830+0.0124i
8.1	-0.5730+0.0167i	0.9977-0.0600i	0.1621-0.0254i	0.2907-0.0248i	-0.0639+0.0105i	-0.0797+0.0115i	-0.0831+0.0171i	-0.0834+0.0165i
8.2	-0.5768+0.0304i	1.0148-0.0738i	0.1699-0.0238i	0.2991-0.0259i	-0.0651+0.0129i	-0.0810+0.0138i	-0.0846+0.0207i	-0.0856+0.0203i
8.3	-0.5847+0.0494i	1.0378-0.0878i	0.1784-0.0224i	0.3077-0.0236i	-0.0667+0.0161i	-0.0826+0.0171i	-0.0868+0.0253i	-0.0876+0.0248i
8.4	-0.5899+0.0630i	1.0557-0.1014i	0.1843-0.0239i	0.3147-0.0231i	-0.0683+0.0185i	-0.0842+0.0196i	-0.0888+0.0284i	-0.0894+0.0280i
8.5	-0.6010+0.0817i	1.0818-0.1215i	0.1911-0.0248i	0.3277-0.0252i	-0.0709+0.0220i	-0.0870+0.0232i	-0.0923+0.0336i	-0.0931+0.0329i
8.6	-0.6153+0.0994i	1.1104-0.1441i	0.1971-0.0270i	0.3402-0.0273i	-0.0739+0.0260i	-0.0901+0.0270i	-0.0966+0.0392i	-0.0971+0.0388i
8.7	-0.6330+0.1203i	1.1444-0.1732i	0.2052-0.0313i	0.3519-0.0322i	-0.0779+0.0306i	-0.0941+0.0318i	-0.1021+0.0460i	-0.1022+0.0457i
8.8	-0.6577+0.1586i	1.1882-0.2238i	0.2156-0.0399i	0.3653-0.0429i	-0.0831+0.0384i	-0.0993+0.0396i	-0.1090+0.0572i	-0.1094+0.0570i
8.9	-0.6821+0.1984i	1.2266-0.2806i	0.2254-0.0499i	0.3771-0.0545i	-0.0879+0.0470i	-0.1043+0.0482i	-0.1155+0.0694i	-0.1162+0.0695i
9.0	-0.6792+0.2598i	1.2318-0.3706i	0.2269-0.0685i	0.3832-0.0716i	-0.0872+0.0607i	-0.1035+0.0617i	-0.1142+0.0884i	-0.1147+0.0895i
9.1	-0.6774+0.3136i	1.2398-0.4525i	0.2313-0.0848i	0.3906-0.0901i	-0.0874+0.0727i	-0.1034+0.0736i	-0.1140+0.1050i	-0.1146+0.1066i
9.2	-0.7148+0.4367i	1.2985-0.6398i	0.2432-0.1248i	0.4087-0.1340i	-0.0954+0.1018i	-0.1113+0.1030i	-0.1250+0.1463i	-0.1252+0.1495i
9.3	-0.6104+0.6243i	1.1464-0.9244i	0.2109-0.1841i	0.3813-0.1992i	-0.0700+0.1450i	-0.0856+0.1459i	-0.0888+0.2069i	-0.0865+0.2120i
9.4	-0.3734+0.6336i	0.7931-0.9441i	0.1371-0.1887i	0.3054-0.2099i	-0.0146+0.1460i	-0.0302+0.1467i	-0.0110+0.2081i	-0.0048+0.2124i
9.5	-0.1522+0.5410i	0.4632-0.8108i	0.0657-0.1633i	0.2319-0.1867i	0.0367+0.1238i	0.0208+0.1239i	0.0607+0.1763i	0.0704+0.1784i
9.6	-0.1029+0.3625i	0.3859-0.5470i	0.0462-0.1088i	0.2121-0.1318i	0.0480+0.0824i	0.0317+0.0821i	0.0764+0.1181i	0.0861+0.1167i
9.7	-0.1278+0.2478i	0.4184-0.3770i	0.0500-0.0748i	0.2161-0.0936i	0.0428+0.0559i	0.0262+0.0558i	0.0692+0.0813i	0.0777+0.0779i
9.8	-0.1652+0.1812i	0.4706-0.2779i	0.0583-0.0553i	0.2262-0.0708i	0.0350+0.0406i	0.0180+0.0407i	0.0582+0.0599i	0.0658+0.0557i
9.9	-0.2055+0.1355i	0.5304-0.2087i	0.0682-0.0402i	0.2395-0.0545i	0.0262+0.0301i	0.0090+0.0304i	0.0459+0.0455i	0.0528+0.0399i
10.0	-0.2415+0.1048i	0.5825-0.1641i	0.0779-0.0287i	0.2528-0.0442i	0.0185+0.0231i	0.0011+0.0237i	0.0354+0.0361i	0.0410+0.0298i
10.1	-0.2805+0.0850i	0.6393-0.1364i	0.0857-0.0245i	0.2674-0.0372i	0.0101+0.0187i	-0.0073+0.0190i	0.0240+0.0297i	0.0287+0.0230i
10.2	-0.3128+0.0785i	0.6847-0.1308i	0.0910-0.0240i	0.2783-0.0368i	0.0033+0.0175i	-0.0137+0.0178i	0.0151+0.0283i	0.0190+0.0214i
10.3	-0.3399+0.0749i	0.7197-0.1314i	0.0933-0.0268i	0.2867-0.0391i	-0.0016+0.0172i	-0.0184+0.0177i	0.0082+0.0278i	0.0119+0.0209i
10.4	-0.3582+0.0694i	0.7371-0.1273i	0.0889-0.0260i	0.2910-0.0421i	-0.0040+0.0164i	-0.0210+0.0170i	0.0049+0.0268i	0.0081+0.0192i
10.5	-0.3737+0.0629i	0.7500-0.1181i	0.0853-0.0212i	0.2924-0.0429i	-0.0061+0.0151i	-0.0230+0.0156i	0.0024+0.0251i	0.0052+0.0171i
10.6	-0.3909+0.0582i	0.7673-0.1057i	0.0844-0.0130i	0.2922-0.0398i	-0.0085+0.0133i	-0.0253+0.0138i	-0.0004+0.0230i	0.0022+0.0143i
10.7	-0.4100+0.0533i	0.7879-0.0915i	0.0853-0.0064i	0.2938-0.0369i	-0.0113+0.0114i	-0.0283+0.0120i	-0.0038+0.0203i	-0.0018+0.0116i
10.8	-0.4342+0.0472i	0.8153-0.0771i	0.0868-0.0015i	0.3028-0.0335i	-0.0153+0.0096i	-0.0321+0.0101i	-0.0090+0.0179i	-0.0075+0.0093i
10.9	-0.4526+0.0427i	0.8404-0.0682i	0.0889+0.0014i	0.3091-0.0305i	-0.0185+0.0083i	-0.0355+0.0089i	-0.0134+0.0162i	-0.0125+0.0075i
11.0	-0.4703+0.0427i	0.8659-0.0685i	0.0897+0.0029i	0.3135-0.0303i	-0.0214+0.0080i	-0.0385+0.0088i	-0.0173+0.0160i	-0.0166+0.0068i
11.1	-0.4882+0.0423i	0.8893-0.0662i	0.0899+0.0037i	0.3193-0.0284i	-0.0242+0.0077i	-0.0415+0.0084i	-0.0209+0.0156i	-0.0205+0.0063i
11.2	-0.5090+0.0409i	0.9139-0.0615i	0.0908+0.0061i	0.3252-0.0280i	-0.0274+0.0071i	-0.0448+0.0078i	-0.0251+0.0146i	-0.0248+0.0056i
11.3	-0.5255+0.0406i	0.9336-0.0599i	0.0913+0.0061i	0.3289-0.0285i	-0.0301+0.0067i	-0.0475+0.0074i	-0.0282+0.0143i	-0.0285+0.0049i
11.4	-0.5452+0.0408i	0.9605-0.0594i	0.0927+0.0066i	0.3324-0.0280i	-0.0335+0.0065i	-0.0507+0.0074i	-0.0322+0.0142i	-0.0331+0.0042i
11.5	-0.5648+0.0398i	0.9845-0.0569i	0.0914+0.0080i	0.3378-0.0273i	-0.0364+0.0062i	-0.0535+0.0072i	-0.0359+0.0141i	-0.0373+0.0037i
11.6	-0.5896+0.0375i	1.0135-0.0550i	0.0899+0.0070i	0.3464-0.0250i	-0.0398+0.0062i	-0.0570+0.0067i	-0.0402+0.0136i	-0.0426+0.0038i
11.7	-0.6072+0.0418i	1.0337-0.0593i	0.0874+0.0065i	0.3525-0.0258i	-0.0422+0.0066i	-0.0597+0.0073i	-0.0433+0.0141i	-0.0460+0.0047i
11.8	-0.6289+0.0420i	1.0609-0.0606i	0.0858+0.0059i	0.3598-0.0282i	-0.0453+0.0067i	-0.0628+0.0075i	-0.0469+0.0141i	-0.0503+0.0046i
11.9	-0.6522+0.0464i	1.0897-0.0652i	0.0827+0.0062i	0.3662-0.0298i	-0.0491+0.0070i	-0.0662+0.0079i	-0.0515+0.0143i	-0.0557+0.0057i

12.0	-0.6706+0.0493i	1.1111-0.0683i	0.0801+0.0065i	0.3741-0.0298i	-0.0520+0.0075i	-0.0692+0.0084i	-0.0551+0.0147i	-0.0595+0.0065i
12.1	-0.6973+0.0554i	1.1402-0.0779i	0.0762+0.0047i	0.3827-0.0309i	-0.0552+0.0085i	-0.0727+0.0095i	-0.0598+0.0162i	-0.0639+0.0080i
12.2	-0.7230+0.0557i	1.1696-0.0802i	0.0722+0.0020i	0.3916-0.0326i	-0.0589+0.0088i	-0.0763+0.0096i	-0.0640+0.0169i	-0.0689+0.0087i
12.3	-0.7444+0.0574i	1.1943-0.0843i	0.0669+0.0018i	0.3988-0.0346i	-0.0620+0.0095i	-0.0794+0.0101i	-0.0678+0.0175i	-0.0729+0.0099i
12.4	-0.7705+0.0641i	1.2225-0.0955i	0.0562+0.0020i	0.4082-0.0372i	-0.0651+0.0110i	-0.0827+0.0117i	-0.0723+0.0194i	-0.0767+0.0117i
12.5	-0.7933+0.0704i	1.2454-0.1062i	0.0492+0.0032i	0.4143-0.0423i	-0.0678+0.0122i	-0.0854+0.0129i	-0.0758+0.0211i	-0.0803+0.0139i
12.6	-0.8268+0.0749i	1.2755-0.1142i	0.0383+0.0046i	0.4254-0.0464i	-0.0717+0.0129i	-0.0890+0.0136i	-0.0805+0.0226i	-0.0847+0.0144i
12.7	-0.8544+0.0763i	1.3024-0.1163i	0.0277+0.0076i	0.4353-0.0508i	-0.0750+0.0132i	-0.0924+0.0142i	-0.0847+0.0234i	-0.0884+0.0148i
12.8	-0.8785+0.0781i	1.3260-0.1189i	0.0202+0.0131i	0.4436-0.0547i	-0.0780+0.0136i	-0.0953+0.0148i	-0.0883+0.0245i	-0.0919+0.0157i
12.9	-0.9076+0.0812i	1.3533-0.1220i	0.0121+0.0241i	0.4490-0.0633i	-0.0815+0.0139i	-0.0989+0.0148i	-0.0926+0.0259i	-0.0963+0.0145i
13.0	-0.9437+0.0834i	1.3925-0.1225i	0.0056+0.0302i	0.4567-0.0693i	-0.0861+0.0140i	-0.1034+0.0150i	-0.0982+0.0264i	-0.1025+0.0147i
13.1	-0.9809+0.0873i	1.4307-0.1232i	0.0017+0.0316i	0.4632-0.0691i	-0.0906+0.0145i	-0.1080+0.0153i	-0.1029+0.0272i	-0.1091+0.0146i
13.2	-1.0181+0.0903i	1.4702-0.1275i	-0.0052+0.0323i	0.4747-0.0697i	-0.0958+0.0154i	-0.1131+0.0160i	-0.1085+0.0284i	-0.1169+0.0159i
13.3	-1.0608+0.1051i	1.5169-0.1437i	-0.0157+0.0382i	0.4896-0.0777i	-0.1011+0.0177i	-0.1187+0.0180i	-0.1148+0.0311i	-0.1246+0.0189i
13.4	-1.1030+0.1139i	1.5617-0.1564i	-0.0284+0.0372i	0.5057-0.0791i	-0.1060+0.0191i	-0.1237+0.0197i	-0.1206+0.0334i	-0.1319+0.0210i
13.5	-1.1397+0.1263i	1.5995-0.1720i	-0.0395+0.0367i	0.5202-0.0843i	-0.1105+0.0210i	-0.1278+0.0216i	-0.1255+0.0357i	-0.1377+0.0244i
13.6	-1.1997+0.1371i	1.6622-0.1878i	-0.0638+0.0425i	0.5478-0.0986i	-0.1172+0.0234i	-0.1351+0.0238i	-0.1337+0.0383i	-0.1464+0.0279i
13.7	-1.2431+0.1528i	1.7028-0.2077i	-0.0848+0.0509i	0.5633-0.1112i	-0.1219+0.0257i	-0.1398+0.0260i	-0.1390+0.0415i	-0.1522+0.0317i
13.8	-1.2879+0.1612i	1.7461-0.2191i	-0.1094+0.0564i	0.5831-0.1199i	-0.1269+0.0267i	-0.1450+0.0271i	-0.1448+0.0424i	-0.1591+0.0333i
13.9	-1.3438+0.1661i	1.8007-0.2266i	-0.1423+0.0717i	0.6104-0.1334i	-0.1334+0.0271i	-0.1518+0.0274i	-0.1526+0.0424i	-0.1680+0.0342i
14.0	-1.4113+0.1931i	1.8685-0.2523i	-0.1737+0.1088i	0.6407-0.1669i	-0.1418+0.0301i	-0.1603+0.0303i	-0.1626+0.0459i	-0.1791+0.0374i
14.1	-1.4659+0.2103i	1.9206-0.2715i	-0.1859+0.1362i	0.6523-0.1965i	-0.1483+0.0324i	-0.1668+0.0327i	-0.1703+0.0490i	-0.1870+0.0407i
14.2	-1.5342+0.2237i	1.9855-0.2849i	-0.2070+0.1643i	0.6700-0.2265i	-0.1563+0.0342i	-0.1751+0.0344i	-0.1802+0.0513i	-0.1975+0.0435i
14.3	-1.6094+0.2449i	2.0606-0.3064i	-0.2269+0.2004i	0.6883-0.2604i	-0.1658+0.0368i	-0.1847+0.0371i	-0.1920+0.0547i	-0.2094+0.0473i
14.4	-1.6910+0.2630i	2.1441-0.3264i	-0.2450+0.2327i	0.7106-0.2893i	-0.1759+0.0397i	-0.1949+0.0400i	-0.2045+0.0582i	-0.2234+0.0515i
14.5	-1.7835+0.2963i	2.2402-0.3629i	-0.2754+0.2782i	0.7436-0.3325i	-0.1876+0.0442i	-0.2069+0.0442i	-0.2184+0.0643i	-0.2392+0.0580i
14.6	-1.8747+0.3424i	2.3332-0.4197i	-0.2945+0.3528i	0.7634-0.4165i	-0.1987+0.0509i	-0.2185+0.0510i	-0.2318+0.0725i	-0.2534+0.0667i
14.7	-1.9638+0.3888i	2.4096-0.4793i	-0.2784+0.4160i	0.7386-0.4915i	-0.2081+0.0583i	-0.2281+0.0582i	-0.2432+0.0814i	-0.2658+0.0774i
14.8	-2.0582+0.4112i	2.4829-0.5051i	-0.2437+0.4761i	0.6886-0.5525i	-0.2177+0.0613i	-0.2378+0.0612i	-0.2551+0.0849i	-0.2777+0.0822i
14.9	-2.1790+0.4658i	2.5925-0.5515i	-0.1936+0.5003i	0.6286-0.5667i	-0.2316+0.0668i	-0.2518+0.0672i	-0.2715+0.0926i	-0.2951+0.0901i
15.0	-2.3188+0.4954i	2.7229-0.5692i	-0.1753+0.4802i	0.6035-0.5380i	-0.2477+0.0698i	-0.2682+0.0705i	-0.2902+0.0952i	-0.3175+0.0950i
15.1	-2.4335+0.5291i	2.8338-0.5936i	-0.2119+0.4684i	0.6372-0.5160i	-0.2618+0.0734i	-0.2824+0.0741i	-0.3087+0.0988i	-0.3347+0.1010i
15.2	-2.6485+0.6268i	3.0525-0.6784i	-0.3331+0.4748i	0.7582-0.5044i	-0.2892+0.0847i	-0.3100+0.0853i	-0.3439+0.1137i	-0.3693+0.1151i
15.3	-2.8440+0.7451i	3.2525-0.7881i	-0.4512+0.5661i	0.8744-0.5822i	-0.3144+0.0992i	-0.3354+0.0997i	-0.3749+0.1330i	-0.4022+0.1342i
15.4	-3.0964+0.8206i	3.5093-0.8528i	-0.6237+0.6969i	1.0480-0.6989i	-0.3470+0.1084i	-0.3680+0.1090i	-0.4149+0.1456i	-0.4453+0.1460i
15.5	-3.3542+0.9848i	3.7766-1.0112i	-0.7516+0.9645i	1.1852-0.9489i	-0.3806+0.1294i	-0.4024+0.1295i	-0.4560+0.1731i	-0.4900+0.1748i
15.6	-3.6258+1.2382i	4.0540-1.2642i	-0.7378+1.3975i	1.1849-1.3573i	-0.4155+0.1629i	-0.4381+0.1620i	-0.4983+0.2145i	-0.5360+0.2195i
15.7	-4.0018+1.5105i	4.4337-1.5341i	-0.5705+2.0027i	1.0494-1.9309i	-0.4640+0.1987i	-0.4885+0.1973i	-0.5570+0.2581i	-0.6000+0.2690i
15.8	-4.2405+1.9140i	4.6872-1.9387i	0.0222+2.3703i	0.5127-2.2942i	-0.4946+0.2529i	-0.5213+0.2523i	-0.5959+0.3249i	-0.6396+0.3439i
15.9	-4.4751+2.3878i	4.9313-2.4232i	0.6597+2.5113i	-0.0764-2.4582i	-0.5238+0.3170i	-0.5526+0.3181i	-0.6328+0.4050i	-0.6760+0.4307i
16.0	-4.7299+2.9684i	5.1893-3.0179i	1.3368+2.3604i	-0.7115-2.3488i	-0.5548+0.3968i	-0.5851+0.4001i	-0.6707+0.5060i	-0.7137+0.5394i
16.1	-4.9813+3.6414i	5.4377-3.6929i	1.8618+2.0278i	-1.2127-2.0557i	-0.5818+0.4884i	-0.6132+0.4951i	-0.7036+0.6239i	-0.7449+0.6639i
16.2	-5.2949+4.4513i	5.7527-4.5050i	2.2468+1.6028i	-1.5726-1.6760i	-0.6145+0.5985i	-0.6472+0.6088i	-0.7431+0.7656i	-0.7836+0.8129i
16.3	-5.4015+5.4498i	5.8720-5.5157i	2.4376+1.1384i	-1.7606-1.2658i	-0.6188+0.7322i	-0.6509+0.7457i	-0.7448+0.9368i	-0.7824+0.9890i
16.4	-5.0518+7.0391i	5.5292-7.1391i	2.4753+0.6206i	-1.8136-0.8323i	-0.5578+0.9387i	-0.5868+0.9565i	-0.6584+1.1968i	-0.6914+1.2597i
16.5	-4.1706+8.5186i	4.6222-8.6633i	2.4510+0.2571i	-1.8500-0.5534i	-0.4244+1.1281i	-0.4491+1.1494i	-0.4811+1.4318i	-0.5033+1.5072i
16.6	-2.3815+9.4157i	2.7492-9.5606i	2.4526-0.2674i	-1.9761-0.0516i	-0.1658+1.2289i	-0.1859+1.2505i	-0.1473+1.5489i	-0.1506+1.6284i
16.7	-1.1678+9.6624i	1.5130-9.7545i	2.1250-0.7324i	-1.7132+0.4592i	0.0077+1.2311i	-0.0099+1.2534i	0.0742+1.5407i	0.0835+1.6194i
16.8	0.3844+9.9107i	-0.0301-9.9699i	1.6864-0.9639i	-1.3069+0.7266i	0.2117+1.2251i	0.1991+1.2469i	0.3307+1.5181i	0.3561+1.5952i
16.9	2.2191+9.8113i	-1.8600-9.8634i	1.2931-1.1346i	-0.9521+0.9098i	0.4370+1.1796i	0.4293+1.1988i	0.6100+1.4485i	0.6508+1.5183i
17.0	3.8530+8.6957i	-3.5177-8.7412i	0.9714-1.0423i	-0.6783+0.8558i	0.6228+1.0115i	0.6175+1.0262i	0.8328+1.2281i	0.8824+1.2837i
17.1	4.4930+7.5286i	-4.1725-7.5348i	0.7773-1.0714i	-0.5102+0.9433i	0.6819+0.8442i	0.6759+0.8555i	0.8957+1.0128i	0.9490+1.0545i
17.2	5.3531+6.8154i	-4.9962-6.7899i	0.3350-1.1383i	-0.0587+1.0567i	0.7606+0.7329i	0.7555+0.7417i	0.9833+0.8675i	1.0400+0.8970i
17.3	5.8690+5.5827i	-5.4999-5.5616i	0.0794-0.7853i	0.2041+0.7358i	0.7957+0.5841i	0.7902+0.5896i	1.0164+0.6837i	1.0701+0.7028i
17.4	5.6709+4.4208i	-5.3057-4.3873i	0.1603-0.4977i	0.1351+0.4909i	0.7533+0.4524i	0.7457+0.4563i	0.9565+0.5251i	1.0057+0.5372i
17.5	5.4390+3.6840i	-5.0626-3.6346i	0.2008-0.4273i	0.1165+0.4501i	0.7127+0.3690i	0.7033+0.3727i	0.9013+0.4254i	0.9456+0.4327i
17.6	5.1658+3.0650i	-4.7618-2.9997i	0.1650-0.3451i	0.1843+0.3922i	0.6672+0.3030i	0.6571+0.3062i	0.8413+0.3481i	0.8801+0.3512i
17.7	4.9485+2.5778i	-4.5233-2.5147i	0.1812-0.2477i	0.1994+0.2999i	0.6335+0.2523i	0.6226+0.2551i	0.7971+0.2882i	0.8324+0.2890i
17.8	4.7543+2.1049i	-4.3101-2.0464i	0.2121-0.1895i	0.1949+0.2462i	0.6042+0.2027i	0.5932+0.2055i	0.7594+0.2300i	0.7922+0.2284i
17.9	4.5353+1.7211i	-4.0790-1.6700i	0.2206-0.1505i	0.2057+0.2036i	0.5746+0.1635i	0.5635+0.1660i	0.7220+0.1841i	0.7515+0.1814i
18.0	4.3026+1.4661i	-3.8398-1.4187i	0.2258-0.1133i	0.2120+0.1641i	0.5463+0.1386i	0.5343+0.1411i	0.6866+0.1554i	0.7139+0.1526i
18.1	4.0743+1.2665i	-3.6042-1.2239i	0.2380-0.0795i	0.2092+0.1278i	0.5194+0.1188i	0.5070+0.1214i	0.6536+0.1326i	0.6785+0.1293i
18.2	3.8089+1.0413i	-3.3303-1.0032i	0.2756-0.0478i	0.1876+0.0936i	0.4874+0.0968i	0.4749+0.0990i	0.6143+0.1072i	0.6374+0.1034i

18.3	3.6287+0.9072i	-3.1423-0.8770i	0.3010-0.0356i	0.1750+0.0764i	0.4664+0.0839i	0.4535+0.0859i	0.5883+0.0923i	0.6104+0.0882i
18.4	3.4809+0.7912i	-2.9884-0.7695i	0.3178-0.0360i	0.1674+0.0672i	0.4495+0.0724i	0.4366+0.0744i	0.5676+0.0790i	0.5892+0.0744i
18.5	3.3058+0.6727i	-2.8097-0.6670i	0.3359-0.0502i	0.1571+0.0635i	0.4302+0.0618i	0.4173+0.0638i	0.5443+0.0674i	0.5656+0.0622i
18.6	3.1366+0.5555i	-2.6556-0.5631i	0.3151-0.0603i	0.1675+0.0593i	0.4136+0.0502i	0.4001+0.0518i	0.5248+0.0541i	0.5444+0.0482i
18.7	2.9899+0.5012i	-2.5181-0.5023i	0.3061-0.0460i	0.1662+0.0510i	0.3989+0.0435i	0.3852+0.0449i	0.5075+0.0459i	0.5264+0.0395i
18.8	2.8365+0.4539i	-2.3630-0.4443i	0.3187-0.0224i	0.1578+0.0392i	0.3826+0.0374i	0.3684+0.0388i	0.4879+0.0385i	0.5055+0.0320i
18.9	2.7231+0.4126i	-2.2447-0.4032i	0.3276-0.0141i	0.1552+0.0322i	0.3702+0.0321i	0.3558+0.0337i	0.4732+0.0320i	0.4895+0.0255i
19.0	2.6419+0.3830i	-2.1596-0.3732i	0.3343-0.0086i	0.1566+0.0254i	0.3612+0.0276i	0.3465+0.0293i	0.4622+0.0267i	0.4791+0.0198i
19.1	2.5477+0.3487i	-2.0607-0.3381i	0.3413-0.0028i	0.1552+0.0211i	0.3512+0.0226i	0.3364+0.0239i	0.4500+0.0201i	0.4663+0.0129i
19.2	2.4624+0.3047i	-1.9700-0.2971i	0.3488-0.0021i	0.1505+0.0185i	0.3421+0.0170i	0.3271+0.0182i	0.4393+0.0129i	0.4543+0.0054i
19.3	2.3789+0.2771i	-1.8828-0.2717i	0.3550-0.0033i	0.1498+0.0155i	0.3339+0.0133i	0.3187+0.0145i	0.4298+0.0083i	0.4448+0.0005i
19.4	2.2976+0.2507i	-1.7996-0.2469i	0.3583-0.0051i	0.1516+0.0140i	0.3252+0.0086i	0.3099+0.0098i	0.4202+0.0026i	0.4338-0.0062i
19.5	2.2366+0.2411i	-1.7369-0.2389i	0.3568-0.0034i	0.1515+0.0123i	0.3181+0.0049i	0.3030+0.0066i	0.4115-0.0026i	0.4249-0.0113i
19.6	2.1736+0.2210i	-1.6713-0.2215i	0.3616-0.0079i	0.1507+0.0141i	0.3119-0.0003i	0.2965+0.0020i	0.4041-0.0098i	0.4176-0.0183i
19.7	2.1146+0.2130i	-1.6108-0.2147i	0.3645-0.0100i	0.1540+0.0138i	0.3048-0.0033i	0.2895-0.0013i	0.3959-0.0143i	0.4080-0.0225i
19.8	2.0533+0.2063i	-1.5492-0.2100i	0.3671-0.0125i	0.1548+0.0136i	0.2977-0.0069i	0.2819-0.0052i	0.3869-0.0198i	0.3983-0.0283i
19.9	2.0038+0.1921i	-1.4971-0.1986i	0.3678-0.0129i	0.1548+0.0126i	0.2915-0.0119i	0.2757-0.0097i	0.3788-0.0272i	0.3899-0.0357i
20.0	1.9700+0.1751i	-1.4621-0.1851i	0.3662-0.0110i	0.1595+0.0105i	0.2863-0.0173i	0.2702-0.0150i	0.3721-0.0351i	0.3828-0.0436i
20.1	1.9221+0.1659i	-1.4152-0.1789i	0.3684-0.0111i	0.1588+0.0066i	0.2776-0.0225i	0.2620-0.0202i	0.3608-0.0426i	0.3706-0.0518i
20.2	1.8822+0.1559i	-1.3716-0.1708i	0.3713-0.0104i	0.1576+0.0026i	0.2697-0.0270i	0.2541-0.0247i	0.3504-0.0495i	0.3593-0.0590i
20.3	1.8544+0.1542i	-1.3411-0.1676i	0.3729-0.0114i	0.1599+0.0054i	0.2623-0.0305i	0.2466-0.0282i	0.3403-0.0550i	0.3485-0.0645i
20.4	1.8191+0.1448i	-1.3012-0.1591i	0.3730-0.0140i	0.1614+0.0082i	0.2527-0.0337i	0.2372-0.0308i	0.3264-0.0589i	0.3343-0.0692i
20.5	1.7895+0.1351i	-1.2692-0.1501i	0.3754-0.0162i	0.1650+0.0096i	0.2450-0.0356i	0.2294-0.0326i	0.3152-0.0615i	0.3224-0.0722i
20.6	1.7607+0.1193i	-1.2381-0.1399i	0.3797-0.0179i	0.1690+0.0087i	0.2358-0.0359i	0.2202-0.0330i	0.3019-0.0613i	0.3086-0.0723i
20.7	1.7335+0.1113i	-1.2075-0.1363i	0.3798-0.0180i	0.1717+0.0059i	0.2274-0.0348i	0.2120-0.0320i	0.2902-0.0593i	0.2955-0.0698i
20.8	1.7087+0.1029i	-1.1798-0.1325i	0.3760-0.0227i	0.1764+0.0023i	0.2200-0.0328i	0.2048-0.0299i	0.2802-0.0562i	0.2845-0.0664i
20.9	1.6866+0.0860i	-1.1580-0.1208i	0.3770-0.0225i	0.1798-0.0007i	0.2130-0.0309i	0.1978-0.0285i	0.2702-0.0533i	0.2738-0.0625i
21.0	1.6495+0.0695i	-1.1223-0.1110i	0.3803-0.0241i	0.1816-0.0061i	0.2056-0.0279i	0.1906-0.0253i	0.2602-0.0479i	0.2635-0.0564i
21.1	1.6315+0.0687i	-1.1029-0.1124i	0.3773-0.0254i	0.1820-0.0091i	0.2026-0.0258i	0.1877-0.0229i	0.2560-0.0446i	0.2586-0.0519i
21.2	1.6031+0.0592i	-1.0754-0.1059i	0.3786-0.0247i	0.1811-0.0150i	0.1988-0.0231i	0.1840-0.0208i	0.2509-0.0402i	0.2534-0.0468i
21.3	1.5784+0.0498i	-1.0531-0.1007i	0.3765-0.0271i	0.1836-0.0186i	0.1957-0.0205i	0.1808-0.0189i	0.2468-0.0365i	0.2492-0.0425i
21.4	1.5512+0.0400i	-1.0285-0.0993i	0.3749-0.0319i	0.1822-0.0211i	0.1925-0.0173i	0.1776-0.0157i	0.2426-0.0311i	0.2451-0.0366i
21.5	1.5310+0.0266i	-1.0119-0.0915i	0.3746-0.0330i	0.1807-0.0265i	0.1900-0.0156i	0.1753-0.0140i	0.2394-0.0280i	0.2425-0.0324i
21.6	1.5087+0.0178i	-0.9939-0.0843i	0.3737-0.0363i	0.1781-0.0280i	0.1879-0.0138i	0.1732-0.0123i	0.2376-0.0247i	0.2408-0.0290i
21.7	1.4876+0.0139i	-0.9754-0.0812i	0.3735-0.0369i	0.1756-0.0295i	0.1860-0.0126i	0.1713-0.0113i	0.2353-0.0231i	0.2387-0.0274i
21.8	1.4620+0.0105i	-0.9573-0.0780i	0.3704-0.0385i	0.1717-0.0324i	0.1848-0.0108i	0.1698-0.0092i	0.2342-0.0199i	0.2368-0.0244i
21.9	1.4374+0.0060i	-0.9430-0.0780i	0.3646-0.0375i	0.1682-0.0328i	0.1842-0.0088i	0.1689-0.0074i	0.2341-0.0159i	0.2375-0.0206i
22.0	1.4171+0.0049i	-0.9269-0.0745i	0.3629-0.0372i	0.1641-0.0289i	0.1832-0.0076i	0.1676-0.0066i	0.2328-0.0142i	0.2363-0.0186i
22.1	1.3972+0.0091i	-0.9149-0.0721i	0.3621-0.0362i	0.1610-0.0281i	0.1828-0.0065i	0.1672-0.0054i	0.2331-0.0133i	0.2361-0.0164i
22.2	1.3813+0.0069i	-0.9012-0.0673i	0.3597-0.0347i	0.1618-0.0259i	0.1824-0.0059i	0.1667-0.0049i	0.2329-0.0120i	0.2370-0.0152i
22.3	1.3684+0.0012i	-0.8871-0.0596i	0.3612-0.0329i	0.1596-0.0257i	0.1820-0.0060i	0.1661-0.0051i	0.2326-0.0122i	0.2366-0.0156i
22.4	1.3503-0.0007i	-0.8724-0.0505i	0.3591-0.0313i	0.1601-0.0225i	0.1811-0.0055i	0.1652-0.0047i	0.2323-0.0106i	0.2359-0.0142i
22.5	1.3383+0.0041i	-0.8602-0.0502i	0.3603-0.0295i	0.1602-0.0201i	0.1806-0.0050i	0.1644-0.0041i	0.2319-0.0095i	0.2357-0.0133i
22.6	1.3245+0.0019i	-0.8449-0.0435i	0.3592-0.0271i	0.1595-0.0174i	0.1800-0.0047i	0.1638-0.0036i	0.2315-0.0089i	0.2358-0.0126i
22.7	1.3107+0.0032i	-0.8276-0.0391i	0.3596-0.0246i	0.1608-0.0146i	0.1795-0.0045i	0.1633-0.0035i	0.2315-0.0080i	0.2356-0.0125i
22.8	1.2988+0.0017i	-0.8137-0.0349i	0.3612-0.0240i	0.1637-0.0128i	0.1789-0.0045i	0.1624-0.0033i	0.2312-0.0084i	0.2345-0.0124i
22.9	1.2894+0.0047i	-0.8035-0.0340i	0.3656-0.0228i	0.1665-0.0102i	0.1782-0.0038i	0.1613-0.0027i	0.2308-0.0079i	0.2346-0.0113i
23.0	1.2816-0.0004i	-0.7894-0.0283i	0.3662-0.0244i	0.1686-0.0091i	0.1782-0.0044i	0.1611-0.0030i	0.2310-0.0084i	0.2346-0.0112i
23.1	1.2725-0.0039i	-0.7769-0.0215i	0.3669-0.0258i	0.1693-0.0047i	0.1776-0.0046i	0.1606-0.0034i	0.2306-0.0085i	0.2344-0.0114i
23.2	1.2629-0.0067i	-0.7659-0.0196i	0.3692-0.0252i	0.1706-0.0043i	0.1771-0.0041i	0.1603-0.0030i	0.2306-0.0081i	0.2337-0.0109i
23.3	1.2497-0.0034i	-0.7513-0.0234i	0.3691-0.0255i	0.1722-0.0064i	0.1768-0.0034i	0.1598-0.0023i	0.2304-0.0072i	0.2341-0.0095i
23.4	1.2449-0.0046i	-0.7414-0.0213i	0.3673-0.0253i	0.1761-0.0062i	0.1769-0.0037i	0.1599-0.0025i	0.2308-0.0075i	0.2343-0.0100i
23.5	1.2409-0.0104i	-0.7332-0.0160i	0.3699-0.0249i	0.1785-0.0040i	0.1768-0.0044i	0.1600-0.0036i	0.2311-0.0084i	0.2339-0.0109i
23.6	1.2344-0.0120i	-0.7225-0.0144i	0.3732-0.0231i	0.1804-0.0057i	0.1763-0.0043i	0.1593-0.0034i	0.2308-0.0088i	0.2338-0.0107i
23.7	1.2282-0.0135i	-0.7145-0.0153i	0.3725-0.0254i	0.1799-0.0021i	0.1768-0.0042i	0.1595-0.0032i	0.2315-0.0091i	0.2348-0.0101i
23.8	1.2237-0.0123i	-0.7093-0.0151i	0.3723-0.0270i	0.1835-0.0047i	0.1770-0.0039i	0.1593-0.0030i	0.2315-0.0077i	0.2358-0.0098i
23.9	1.2177-0.0172i	-0.7010-0.0106i	0.3770-0.0265i	0.1855-0.0087i	0.1770-0.0041i	0.1591-0.0032i	0.2317-0.0084i	0.2365-0.0107i
24.0	1.2105-0.0197i	-0.6938-0.0107i	0.3784-0.0269i	0.1841-0.0085i	0.1768-0.0041i	0.1591-0.0029i	0.2319-0.0083i	0.2364-0.0102i
24.1	1.2045-0.0177i	-0.6865-0.0114i	0.3762-0.0248i	0.1866-0.0060i	0.1770-0.0041i	0.1589-0.0027i	0.2319-0.0076i	0.2369-0.0087i
24.2	1.1989-0.0197i	-0.6790-0.0109i	0.3770-0.0259i	0.1868-0.0089i	0.1771-0.0041i	0.1591-0.0029i	0.2324-0.0082i	0.2383-0.0096i
24.3	1.1974-0.0216i	-0.6752-0.0070i	0.3770-0.0270i	0.1873-0.0097i	0.1775-0.0045i	0.1596-0.0033i	0.2337-0.0085i	0.2395-0.0114i
24.4	1.1911-0.0242i	-0.6690-0.0033i	0.3799-0.0270i	0.1892-0.0106i	0.1779-0.0048i	0.1600-0.0034i	0.2341-0.0090i	0.2403-0.0120i
24.5	1.1867-0.0261i	-0.6618-0.0003i	0.3857-0.0254i	0.1887-0.0126i	0.1782-0.0050i	0.1599-0.0037i	0.2341-0.0097i	0.2401-0.0123i

24.6	1.1830-0.0287i	-0.6541+0.0034i	0.3851-0.0253i	0.1916-0.0126i	0.1783-0.0060i	0.1600-0.0045i	0.2345-0.0107i	0.2410-0.0136i
24.7	1.1793-0.0343i	-0.6492+0.0086i	0.3867-0.0235i	0.1931-0.0104i	0.1782-0.0069i	0.1601-0.0057i	0.2353-0.0117i	0.2419-0.0147i
24.8	1.1757-0.0352i	-0.6417+0.0095i	0.3901-0.0245i	0.1961-0.0077i	0.1781-0.0075i	0.1600-0.0063i	0.2357-0.0124i	0.2421-0.0159i
24.9	1.1719-0.0368i	-0.6359+0.0102i	0.3929-0.0272i	0.1971-0.0090i	0.1781-0.0078i	0.1598-0.0063i	0.2362-0.0127i	0.2423-0.0165i
25.0	1.1691-0.0419i	-0.6275+0.0121i	0.3944-0.0269i	0.1984-0.0121i	0.1787-0.0081i	0.1597-0.0066i	0.2369-0.0131i	0.2428-0.0172i
25.1	1.1676-0.0445i	-0.6237+0.0096i	0.3991-0.0275i	0.1991-0.0120i	0.1785-0.0086i	0.1595-0.0074i	0.2369-0.0145i	0.2432-0.0185i
25.2	1.1668-0.0470i	-0.6235+0.0107i	0.4005-0.0306i	0.2025-0.0110i	0.1789-0.0094i	0.1598-0.0082i	0.2374-0.0152i	0.2434-0.0201i
25.3	1.1646-0.0518i	-0.6186+0.0109i	0.4005-0.0305i	0.2023-0.0131i	0.1796-0.0097i	0.1601-0.0086i	0.2382-0.0155i	0.2428-0.0207i
25.4	1.1609-0.0550i	-0.6119+0.0160i	0.4004-0.0335i	0.2049-0.0111i	0.1790-0.0103i	0.1597-0.0087i	0.2380-0.0168i	0.2427-0.0210i
25.5	1.1596-0.0553i	-0.6089+0.0190i	0.4040-0.0349i	0.2052-0.0108i	0.1797-0.0109i	0.1596-0.0088i	0.2383-0.0172i	0.2435-0.0214i
25.6	1.1600-0.0570i	-0.6051+0.0169i	0.4101-0.0322i	0.2055-0.0162i	0.1796-0.0111i	0.1597-0.0093i	0.2388-0.0179i	0.2428-0.0216i
25.7	1.1606-0.0602i	-0.6027+0.0182i	0.4133-0.0354i	0.2081-0.0194i	0.1803-0.0112i	0.1601-0.0097i	0.2403-0.0180i	0.2438-0.0221i
25.8	1.1587-0.0671i	-0.6002+0.0220i	0.4140-0.0392i	0.2098-0.0205i	0.1806-0.0113i	0.1603-0.0096i	0.2408-0.0183i	0.2439-0.0224i
25.9	1.1600-0.0736i	-0.5997+0.0258i	0.4175-0.0422i	0.2122-0.0199i	0.1814-0.0122i	0.1610-0.0105i	0.2418-0.0190i	0.2458-0.0236i
26.0	1.1606-0.0773i	-0.5990+0.0238i	0.4230-0.0436i	0.2115-0.0223i	0.1821-0.0129i	0.1618-0.0113i	0.2435-0.0204i	0.2480-0.0249i
26.1	1.1629-0.0821i	-0.6018+0.0232i	0.4277-0.0468i	0.2144-0.0276i	0.1834-0.0139i	0.1625-0.0120i	0.2456-0.0223i	0.2492-0.0269i
26.2	1.1634-0.0865i	-0.6058+0.0230i	0.4302-0.0494i	0.2128-0.0292i	0.1840-0.0152i	0.1623-0.0131i	0.2462-0.0242i	0.2487-0.0282i
26.3	1.1631-0.0946i	-0.6086+0.0274i	0.4328-0.0562i	0.2086-0.0313i	0.1838-0.0163i	0.1620-0.0149i	0.2463-0.0259i	0.2484-0.0308i
26.4	1.1619-0.1136i	-0.6156+0.0389i	0.4326-0.0662i	0.2015-0.0304i	0.1844-0.0183i	0.1621-0.0160i	0.2459-0.0288i	0.2479-0.0330i
26.5	1.1586-0.1175i	-0.6184+0.0449i	0.4298-0.0686i	0.1959-0.0301i	0.1838-0.0193i	0.1611-0.0162i	0.2453-0.0297i	0.2463-0.0333i
26.6	1.1559-0.1191i	-0.6237+0.0530i	0.4295-0.0722i	0.1897-0.0223i	0.1834-0.0192i	0.1602-0.0157i	0.2449-0.0305i	0.2454-0.0313i
26.7	1.1535-0.1209i	-0.6243+0.0639i	0.4295-0.0735i	0.1881-0.0148i	0.1825-0.0186i	0.1591-0.0152i	0.2442-0.0298i	0.2441-0.0298i
26.8	1.1564-0.1266i	-0.6248+0.0720i	0.4290-0.0768i	0.1879-0.0118i	0.1833-0.0188i	0.1602-0.0148i	0.2453-0.0300i	0.2461-0.0286i
26.9	1.1596-0.1335i	-0.6289+0.0859i	0.4307-0.0812i	0.1897-0.0124i	0.1846-0.0191i	0.1612-0.0145i	0.2469-0.0310i	0.2487-0.0276i
27.0	1.1638-0.1399i	-0.6334+0.0961i	0.4316-0.0852i	0.1940-0.0044i	0.1858-0.0196i	0.1618-0.0145i	0.2474-0.0310i	0.2498-0.0271i
27.1	1.1667-0.1498i	-0.6366+0.1146i	0.4321-0.0871i	0.1965+0.0037i	0.1870-0.0200i	0.1625-0.0142i	0.2486-0.0320i	0.2526-0.0262i
27.2	1.1711-0.1605i	-0.6369+0.1314i	0.4323-0.0945i	0.1965+0.0103i	0.1881-0.0211i	0.1635-0.0145i	0.2497-0.0330i	0.2556-0.0272i
27.3	1.1753-0.1755i	-0.6354+0.1594i	0.4332-0.1000i	0.1975+0.0163i	0.1891-0.0224i	0.1643-0.0141i	0.2503-0.0339i	0.2589-0.0278i
27.4	1.1726-0.1864i	-0.6264+0.1824i	0.4322-0.1008i	0.2033+0.0196i	0.1897-0.0234i	0.1655-0.0144i	0.2508-0.0342i	0.2616-0.0290i
27.5	1.1696-0.1934i	-0.6138+0.1964i	0.4332-0.1078i	0.2119+0.0255i	0.1911-0.0244i	0.1671-0.0144i	0.2531-0.0345i	0.2646-0.0299i
27.6	1.1671-0.2078i	-0.6009+0.2109i	0.4322-0.1182i	0.2217+0.0360i	0.1925-0.0257i	0.1687-0.0149i	0.2547-0.0354i	0.2679-0.0320i
27.7	1.1659-0.2285i	-0.5896+0.2358i	0.4249-0.1281i	0.2309+0.0401i	0.1934-0.0280i	0.1709-0.0161i	0.2572-0.0370i	0.2709-0.0353i
27.8	1.1585-0.2380i	-0.5706+0.2563i	0.4169-0.1377i	0.2467+0.0464i	0.1944-0.0293i	0.1727-0.0168i	0.2591-0.0380i	0.2732-0.0374i
27.9	1.1488-0.2470i	-0.5456+0.2675i	0.4027-0.1412i	0.2641+0.0482i	0.1945-0.0310i	0.1738-0.0177i	0.2606-0.0397i	0.2741-0.0395i
28.0	1.1433-0.2560i	-0.5211+0.2698i	0.3924-0.1387i	0.2876+0.0395i	0.1948-0.0332i	0.1755-0.0191i	0.2626-0.0417i	0.2760-0.0424i
28.1	1.1407-0.2627i	-0.5082+0.2628i	0.3842-0.1291i	0.3013+0.0234i	0.1952-0.0338i	0.1764-0.0204i	0.2644-0.0432i	0.2781-0.0443i
28.2	1.1359-0.2756i	-0.5015+0.2675i	0.3753-0.1200i	0.3067+0.0081i	0.1961-0.0346i	0.1783-0.0210i	0.2668-0.0443i	0.2803-0.0454i
28.3	1.1256-0.2891i	-0.4838+0.2779i	0.3728-0.1115i	0.3072-0.0029i	0.1976-0.0363i	0.1812-0.0227i	0.2698-0.0472i	0.2837-0.0500i
28.4	1.1148-0.2884i	-0.4607+0.2761i	0.3764-0.1008i	0.3084-0.0134i	0.1978-0.0388i	0.1820-0.0256i	0.2701-0.0515i	0.2860-0.0544i
28.5	1.1137-0.2929i	-0.4513+0.2732i	0.3808-0.0940i	0.3156-0.0237i	0.1988-0.0402i	0.1837-0.0273i	0.2720-0.0536i	0.2879-0.0565i
28.6	1.1162-0.3004i	-0.4466+0.2720i	0.3876-0.0943i	0.3184-0.0360i	0.2002-0.0420i	0.1852-0.0300i	0.2742-0.0562i	0.2896-0.0603i
28.7	1.1214-0.3077i	-0.4439+0.2713i	0.3949-0.0905i	0.3193-0.0427i	0.2015-0.0437i	0.1864-0.0314i	0.2767-0.0585i	0.2924-0.0642i
28.8	1.1218-0.3212i	-0.4401+0.2765i	0.4015-0.0869i	0.3168-0.0530i	0.2026-0.0459i	0.1878-0.0337i	0.2788-0.0617i	0.2942-0.0687i
28.9	1.1222-0.3365i	-0.4304+0.2847i	0.4056-0.0875i	0.3145-0.0605i	0.2032-0.0486i	0.1889-0.0366i	0.2804-0.0649i	0.2946-0.0737i
29.0	1.1188-0.3520i	-0.4189+0.2904i	0.4149-0.0915i	0.3115-0.0707i	0.2038-0.0514i	0.1894-0.0388i	0.2820-0.0682i	0.2957-0.0784i
29.1	1.1148-0.3722i	-0.4086+0.3028i	0.4212-0.0940i	0.3115-0.0828i	0.2044-0.0546i	0.1900-0.0419i	0.2832-0.0731i	0.2971-0.0836i
29.2	1.1054-0.3878i	-0.3955+0.3115i	0.4270-0.0985i	0.3075-0.0889i	0.2043-0.0576i	0.1903-0.0449i	0.2841-0.0775i	0.2964-0.0877i
29.3	1.0934-0.4069i	-0.3767+0.3194i	0.4319-0.1028i	0.3032-0.0944i	0.2039-0.0610i	0.1912-0.0482i	0.2852-0.0826i	0.2956-0.0932i
29.4	1.0872-0.4182i	-0.3610+0.3232i	0.4358-0.1114i	0.3013-0.1028i	0.2042-0.0643i	0.1922-0.0513i	0.2866-0.0879i	0.2957-0.0983i
29.5	1.0662-0.4342i	-0.3392+0.3261i	0.4354-0.1201i	0.2973-0.1096i	0.2025-0.0685i	0.1910-0.0550i	0.2850-0.0945i	0.2923-0.1047i
29.6	1.0463-0.4481i	-0.3192+0.3274i	0.4338-0.1242i	0.2909-0.1166i	0.2003-0.0710i	0.1900-0.0580i	0.2825-0.0988i	0.2891-0.1087i
29.7	1.0299-0.4512i	-0.2990+0.3205i	0.4347-0.1303i	0.2840-0.1228i	0.1985-0.0728i	0.1890-0.0602i	0.2812-0.1013i	0.2868-0.1121i
29.8	1.0177-0.4617i	-0.2839+0.3167i	0.4321-0.1363i	0.2803-0.1306i	0.1971-0.0755i	0.1887-0.0634i	0.2803-0.1065i	0.2860-0.1159i
29.9	0.9967-0.4774i	-0.2618+0.3108i	0.4278-0.1461i	0.2710-0.1409i	0.1952-0.0786i	0.1877-0.0667i	0.2785-0.1126i	0.2844-0.1200i
30.0	0.9756-0.4743i	-0.2495+0.2955i	0.4244-0.1535i	0.2622-0.1441i	0.1924-0.0802i	0.1851-0.0691i	0.2741-0.1159i	0.2805-0.1224i
30.1	0.9506-0.4752i	-0.2345+0.2806i	0.4208-0.1568i	0.2543-0.1463i	0.1876-0.0827i	0.1812-0.0726i	0.2686-0.1201i	0.2717-0.1275i
30.2	0.9364-0.4701i	-0.2245+0.2650i	0.4172-0.1585i	0.2451-0.1436i	0.1839-0.0826i	0.1779-0.0737i	0.2648-0.1213i	0.2637-0.1283i
30.3	0.9280-0.4595i	-0.2295+0.2472i	0.4154-0.1567i	0.2379-0.1432i	0.1813-0.0805i	0.1748-0.0730i	0.2609-0.1212i	0.2578-0.1238i
30.4	0.9251-0.4630i	-0.2413+0.2387i	0.4141-0.1618i	0.2318-0.1444i	0.1806-0.0786i	0.1738-0.0711i	0.2594-0.1220i	0.2581-0.1183i
30.5	0.9186-0.4701i	-0.2429+0.2437i	0.4131-0.1657i	0.2260-0.1447i	0.1809-0.0787i	0.1735-0.0710i	0.2575-0.1231i	0.2607-0.1167i
30.6	0.9019-0.4764i	-0.2342+0.2484i	0.4072-0.1693i	0.2196-0.1468i	0.1805-0.0785i	0.1732-0.0713i	0.2547-0.1229i	0.2615-0.1164i
30.7	0.8746-0.4691i	-0.2215+0.2411i	0.3971-0.1690i	0.2042-0.1464i	0.1786-0.0778i	0.1719-0.0707i	0.2513-0.1208i	0.2608-0.1160i
30.8	0.8567-0.4606i	-0.2109+0.2342i	0.3902-0.1668i	0.1916-0.1448i	0.1770-0.0773i	0.1715-0.0701i	0.2490-0.1199i	0.2602-0.1161i

30.9	0.8436-0.4420i	-0.1987+0.2216i	0.3893-0.1604i	0.1844-0.1373i	0.1756-0.0756i	0.1705-0.0698i	0.2470-0.1177i	0.2591-0.1152i
31.0	0.8366-0.4217i	-0.1950+0.2108i	0.3850-0.1520i	0.1794-0.1303i	0.1756-0.0743i	0.1706-0.0692i	0.2466-0.1158i	0.2588-0.1136i
31.1	0.8296-0.4081i	-0.1964+0.1985i	0.3832-0.1445i	0.1772-0.1232i	0.1750-0.0721i	0.1702-0.0685i	0.2457-0.1136i	0.2567-0.1111i
31.2	0.8319-0.3998i	-0.1981+0.1928i	0.3884-0.1413i	0.1732-0.1170i	0.1751-0.0707i	0.1702-0.0669i	0.2460-0.1119i	0.2579-0.1080i
31.3	0.8375-0.3913i	-0.2001+0.1815i	0.3964-0.1380i	0.1685-0.1106i	0.1765-0.0690i	0.1709-0.0656i	0.2475-0.1099i	0.2609-0.1056i
31.4	0.8448-0.3763i	-0.2043+0.1698i	0.4020-0.1373i	0.1671-0.1033i	0.1789-0.0663i	0.1732-0.0638i	0.2507-0.1059i	0.2651-0.1015i
31.5	0.8547-0.3660i	-0.2140+0.1640i	0.4043-0.1372i	0.1642-0.1000i	0.1809-0.0643i	0.1751-0.0623i	0.2539-0.1035i	0.2682-0.0995i
31.6	0.8629-0.3592i	-0.2239+0.1571i	0.4086-0.1403i	0.1619-0.0925i	0.1832-0.0630i	0.1777-0.0614i	0.2584-0.1023i	0.2723-0.0972i
31.7	0.8701-0.3575i	-0.2247+0.1548i	0.4122-0.1369i	0.1585-0.0912i	0.1858-0.0619i	0.1803-0.0608i	0.2614-0.1014i	0.2766-0.0951i
31.8	0.8778-0.3538i	-0.2282+0.1519i	0.4147-0.1394i	0.1540-0.0852i	0.1883-0.0610i	0.1836-0.0600i	0.2665-0.1000i	0.2820-0.0940i
31.9	0.8869-0.3549i	-0.2417+0.1512i	0.4235-0.1420i	0.1513-0.0749i	0.1920-0.0606i	0.1871-0.0608i	0.2712-0.1005i	0.2883-0.0956i
32.0	0.8977-0.3497i	-0.2499+0.1546i	0.4268-0.1430i	0.1504-0.0644i	0.1958-0.0604i	0.1904-0.0612i	0.2763-0.1002i	0.2932-0.0967i
32.1	0.9150-0.3493i	-0.2581+0.1569i	0.4277-0.1447i	0.1532-0.0541i	0.1996-0.0603i	0.1938-0.0613i	0.2828-0.0997i	0.2994-0.0975i
32.2	0.9279-0.3503i	-0.2689+0.1599i	0.4392-0.1498i	0.1533-0.0428i	0.2040-0.0620i	0.1976-0.0632i	0.2876-0.1024i	0.3072-0.0989i
32.3	0.9428-0.3577i	-0.2762+0.1695i	0.4447-0.1554i	0.1581-0.0296i	0.2096-0.0628i	0.2032-0.0648i	0.2946-0.1056i	0.3166-0.1006i
32.4	0.9585-0.3635i	-0.2788+0.1707i	0.4474-0.1588i	0.1629-0.0194i	0.2133-0.0632i	0.2074-0.0657i	0.3021-0.1063i	0.3223-0.1014i
32.5	0.9701-0.3704i	-0.2836+0.1767i	0.4509-0.1704i	0.1659-0.0093i	0.2179-0.0655i	0.2119-0.0687i	0.3078-0.1085i	0.3295-0.1074i
32.6	0.9871-0.3786i	-0.2871+0.1819i	0.4580-0.1796i	0.1788+0.0016i	0.2232-0.0674i	0.2171-0.0711i	0.3158-0.1114i	0.3370-0.1124i
32.7	1.0066-0.3890i	-0.2910+0.1867i	0.4569-0.1853i	0.1909+0.0110i	0.2284-0.0689i	0.2221-0.0738i	0.3249-0.1143i	0.3453-0.1162i
32.8	1.0221-0.4110i	-0.2938+0.1964i	0.4566-0.1975i	0.2076+0.0168i	0.2332-0.0737i	0.2268-0.0785i	0.3346-0.1213i	0.3507-0.1225i
32.9	1.0425-0.4306i	-0.2996+0.2054i	0.4538-0.2107i	0.2259+0.0244i	0.2376-0.0778i	0.2306-0.0832i	0.3438-0.1283i	0.3551-0.1294i
33.0	1.0570-0.4545i	-0.3056+0.2147i	0.4429-0.2217i	0.2496+0.0272i	0.2427-0.0816i	0.2359-0.0884i	0.3539-0.1374i	0.3611-0.1354i
33.1	1.0773-0.4842i	-0.3152+0.2281i	0.4350-0.2312i	0.2709+0.0242i	0.2497-0.0862i	0.2429-0.0937i	0.3662-0.1478i	0.3709-0.1410i
33.2	1.0953-0.5219i	-0.3208+0.2435i	0.4242-0.2345i	0.2968+0.0067i	0.2566-0.0925i	0.2493-0.1003i	0.3769-0.1619i	0.3790-0.1469i
33.3	1.1069-0.5624i	-0.3228+0.2592i	0.4127-0.2309i	0.3188-0.0141i	0.2628-0.1013i	0.2547-0.1103i	0.3858-0.1803i	0.3885-0.1567i
33.4	1.0982-0.6192i	-0.3184+0.2802i	0.4047-0.2132i	0.3339-0.0412i	0.2681-0.1136i	0.2587-0.1250i	0.3898-0.2049i	0.3997-0.1744i
33.5	1.0791-0.6512i	-0.3133+0.2942i	0.4057-0.2067i	0.3297-0.0649i	0.2679-0.1225i	0.2584-0.1346i	0.3851-0.2235i	0.4022-0.1870i
33.6	1.0547-0.6807i	-0.3006+0.3068i	0.4122-0.2006i	0.3158-0.0844i	0.2639-0.1315i	0.2539-0.1430i	0.3745-0.2378i	0.3993-0.2002i
33.7	1.0269-0.7089i	-0.2853+0.3178i	0.4209-0.1901i	0.2972-0.1056i	0.2596-0.1404i	0.2487-0.1529i	0.3635-0.2503i	0.3945-0.2158i
33.8	1.0103-0.7284i	-0.2821+0.3273i	0.4321-0.1784i	0.2910-0.1184i	0.2585-0.1471i	0.2457-0.1615i	0.3581-0.2621i	0.3937-0.2289i
33.9	0.9869-0.7421i	-0.2695+0.3326i	0.4436-0.1873i	0.2716-0.1307i	0.2552-0.1506i	0.2410-0.1635i	0.3495-0.2685i	0.3904-0.2303i
34.0	0.9726-0.7566i	-0.2619+0.3375i	0.4639-0.1922i	0.2475-0.1256i	0.2560-0.1530i	0.2419-0.1671i	0.3464-0.2740i	0.3940-0.2350i
34.1	0.9561-0.7685i	-0.2545+0.3417i	0.4794-0.2072i	0.2351-0.1185i	0.2551-0.1553i	0.2397-0.1703i	0.3431-0.2795i	0.3923-0.2385i
34.2	0.9368-0.7757i	-0.2495+0.3481i	0.4820-0.2254i	0.2246-0.1056i	0.2552-0.1590i	0.2388-0.1734i	0.3388-0.2848i	0.3955-0.2426i
34.3	0.9268-0.7887i	-0.2517+0.3576i	0.4906-0.2443i	0.2181-0.0937i	0.2582-0.1645i	0.2400-0.1785i	0.3386-0.2927i	0.4011-0.2498i
34.4	0.9317-0.7991i	-0.2441+0.3652i	0.4873-0.2513i	0.2164-0.0792i	0.2615-0.1690i	0.2439-0.1834i	0.3409-0.2997i	0.4102-0.2585i
34.5	0.9170-0.8210i	-0.2402+0.3748i	0.4889-0.2684i	0.2201-0.0675i	0.2624-0.1745i	0.2438-0.1896i	0.3387-0.3096i	0.4145-0.2661i
34.6	0.8992-0.8460i	-0.2318+0.3853i	0.4866-0.2888i	0.2338-0.0632i	0.2632-0.1815i	0.2428-0.1972i	0.3345-0.3217i	0.4180-0.2764i
34.7	0.8936-0.8664i	-0.2246+0.3906i	0.4825-0.3069i	0.2428-0.0588i	0.2644-0.1873i	0.2433-0.2031i	0.3318-0.3313i	0.4226-0.2864i
34.8	0.8773-0.8958i	-0.2172+0.4054i	0.4866-0.3250i	0.2451-0.0472i	0.2662-0.1966i	0.2439-0.2125i	0.3288-0.3455i	0.4295-0.3001i
34.9	0.8653-0.9180i	-0.2082+0.4169i	0.4784-0.3376i	0.2611-0.0419i	0.2662-0.2040i	0.2436-0.2203i	0.3249-0.3559i	0.4325-0.3126i
35.0	0.8430-0.9362i	-0.1978+0.4216i	0.4611-0.3475i	0.2762-0.0446i	0.2657-0.2112i	0.2417-0.2275i	0.3179-0.3657i	0.4348-0.3230i
35.1	0.8195-0.9604i	-0.1855+0.4296i	0.4477-0.3578i	0.2870-0.0458i	0.2664-0.2188i	0.2400-0.2356i	0.3115-0.3759i	0.4403-0.3380i
35.2	0.7981-0.9787i	-0.1788+0.4448i	0.4287-0.3610i	0.3017-0.0597i	0.2694-0.2271i	0.2412-0.2431i	0.3077-0.3867i	0.4501-0.3520i
35.3	0.7768-1.0119i	-0.1726+0.4628i	0.4192-0.3677i	0.3115-0.0686i	0.2734-0.2382i	0.2438-0.2541i	0.3058-0.4029i	0.4614-0.3724i
35.4	0.7393-1.0341i	-0.1516+0.4702i	0.4064-0.3746i	0.3199-0.0704i	0.2697-0.2515i	0.2391-0.2675i	0.2930-0.4174i	0.4608-0.3974i
35.5	0.7035-1.0558i	-0.1363+0.4745i	0.3923-0.3733i	0.3270-0.0872i	0.2673-0.2618i	0.2341-0.2782i	0.2811-0.4298i	0.4619-0.4171i
35.6	0.6642-1.0710i	-0.1159+0.4885i	0.3882-0.3793i	0.3340-0.0971i	0.2642-0.2744i	0.2286-0.2902i	0.2675-0.4434i	0.4619-0.4434i
35.7	0.6309-1.0879i	-0.0972+0.4953i	0.3827-0.3752i	0.3379-0.1144i	0.2597-0.2839i	0.2219-0.2993i	0.2539-0.4524i	0.4577-0.4630i
35.8	0.5887-1.0978i	-0.0805+0.4959i	0.3799-0.3759i	0.3409-0.1350i	0.2547-0.2948i	0.2146-0.3088i	0.2382-0.4606i	0.4538-0.4864i
35.9	0.5446-1.1074i	-0.0616+0.4986i	0.3759-0.3827i	0.3367-0.1468i	0.2491-0.3048i	0.2070-0.3176i	0.2221-0.4660i	0.4498-0.5089i
36.0	0.5014-1.1006i	-0.0434+0.4908i	0.3674-0.3849i	0.3234-0.1527i	0.2407-0.3111i	0.1975-0.3220i	0.2050-0.4643i	0.4397-0.5282i
36.1	0.4552-1.1022i	-0.0254+0.4882i	0.3612-0.3870i	0.3141-0.1671i	0.2354-0.3211i	0.1902-0.3305i	0.1901-0.4678i	0.4338-0.5515i
36.2	0.4267-1.1028i	-0.0143+0.4879i	0.3657-0.3878i	0.3055-0.1797i	0.2332-0.3287i	0.1867-0.3362i	0.1823-0.4699i	0.4315-0.5693i
36.3	0.3896-1.0916i	-0.0020+0.4842i	0.3646-0.3959i	0.2991-0.1831i	0.2268-0.3377i	0.1796-0.3423i	0.1677-0.4690i	0.4253-0.5937i
36.4	0.3584-1.0814i	0.0091+0.4821i	0.3573-0.4071i	0.2917-0.1875i	0.2239-0.3447i	0.1756-0.3475i	0.1605-0.4678i	0.4223-0.6145i
36.5	0.3325-1.0698i	0.0242+0.4789i	0.3476-0.4181i	0.2832-0.1921i	0.2187-0.3534i	0.1700-0.3548i	0.1501-0.4654i	0.4141-0.6429i
36.6	0.2981-1.0621i	0.0339+0.4722i	0.3391-0.4216i	0.2740-0.1982i	0.2112-0.3645i	0.1624-0.3636i	0.1390-0.4640i	0.4038-0.6772i
36.7	0.2700-1.0430i	0.0406+0.4694i	0.3170-0.4188i	0.2692-0.1931i	0.2058-0.3735i	0.1562-0.3700i	0.1320-0.4598i	0.3909-0.7044i
36.8	0.2382-1.0388i	0.0522+0.4738i	0.3054-0.4258i	0.2656-0.1949i	0.2010-0.3875i	0.1506-0.3826i	0.1244-0.4633i	0.3800-0.7403i
36.9	0.2145-1.0187i	0.0585+0.4761i	0.2925-0.4230i	0.2640-0.1955i	0.1930-0.4016i	0.1431-0.3939i	0.1190-0.4609i	0.3620-0.7825i
37.0	0.2083-1.0103i	0.0614+0.4758i	0.2883-0.4119i	0.2644-0.2000i	0.1892-0.4083i	0.1394-0.3999i	0.1188-0.4570i	0.3504-0.8067i
37.1	0.1798-1.0063i	0.0695+0.4877i	0.2924-0.4093i	0.2527-0.2147i	0.1790-0.4271i	0.1282-0.4160i	0.1139-0.4600i	0.3186-0.8574i

37.2	0.1477−1.0121i	0.0847+0.5023i	0.2977−0.4153i	0.2418−0.2192i	0.1698−0.4478i	0.1177−0.4338i	0.1111−0.4690i	0.2906−0.9081i
37.3	0.1183−1.0244i	0.0958+0.5135i	0.2992−0.4301i	0.2262−0.2181i	0.1618−0.4703i	0.1080−0.4541i	0.1145−0.4788i	0.2590−0.9648i
37.4	0.0752−1.0125i	0.1226+0.5228i	0.2866−0.4469i	0.2168−0.2105i	0.1400−0.4912i	0.0871−0.4723i	0.1097−0.4856i	0.1955−1.0174i
37.5	0.0416−1.0088i	0.1433+0.5333i	0.2737−0.4597i	0.2148−0.2021i	0.1205−0.5095i	0.0682−0.4883i	0.1081−0.4919i	0.1354−1.0617i
37.6	0.0052−0.9822i	0.1681+0.5300i	0.2524−0.4738i	0.2168−0.1949i	0.0919−0.5183i	0.0407−0.4933i	0.1012−0.4949i	0.0547−1.0776i
37.7	−0.0445−0.9648i	0.1991+0.5311i	0.2267−0.4824i	0.2177−0.1972i	0.0603−0.5328i	0.0094−0.5040i	0.0979−0.5058i	−0.0408−1.1050i
37.8	−0.1065−0.9433i	0.2402+0.5357i	0.1863−0.4824i	0.2200−0.2036i	0.0214−0.5490i	−0.0280−0.5163i	0.0986−0.5286i	−0.1596−1.1242i
37.9	−0.1452−0.9089i	0.2722+0.5323i	0.1594−0.4696i	0.2190−0.2084i	−0.0102−0.5506i	−0.0580−0.5151i	0.0902−0.5493i	−0.2468−1.1025i
38.0	−0.1904−0.8538i	0.3068+0.5177i	0.1437−0.4371i	0.2065−0.2193i	−0.0539−0.5468i	−0.0985−0.5089i	0.0747−0.5809i	−0.3610−1.0549i
38.1	−0.2030−0.8030i	0.3299+0.5003i	0.1430−0.4171i	0.1921−0.2137i	−0.0826−0.5317i	−0.1241−0.4918i	0.0539−0.5990i	−0.4245−0.9851i
38.2	−0.2014−0.7607i	0.3482+0.4812i	0.1489−0.4064i	0.1864−0.2034i	−0.1051−0.5162i	−0.1437−0.4755i	0.0306−0.6193i	−0.4660−0.9141i
38.3	−0.2104−0.7316i	0.3777+0.4672i	0.1548−0.4034i	0.1871−0.2024i	−0.1300−0.5082i	−0.1662−0.4655i	0.0021−0.6476i	−0.5116−0.8562i
38.4	−0.2278−0.7148i	0.4070+0.4579i	0.1566−0.4122i	0.1823−0.1999i	−0.1503−0.5057i	−0.1845−0.4611i	−0.0249−0.6712i	−0.5440−0.8192i
38.5	−0.2475−0.6749i	0.4375+0.4253i	0.1409−0.4274i	0.1830−0.1926i	−0.1804−0.4867i	−0.2109−0.4402i	−0.0819−0.6805i	−0.5715−0.7449i
38.6	−0.2698−0.6452i	0.4572+0.4029i	0.1199−0.4310i	0.1837−0.1897i	−0.2037−0.4769i	−0.2313−0.4285i	−0.1266−0.6906i	−0.5939−0.7009i
38.7	−0.2794−0.6085i	0.4711+0.3735i	0.1001−0.4341i	0.1809−0.1896i	−0.2245−0.4622i	−0.2482−0.4131i	−0.1727−0.6901i	−0.6081−0.6535i
38.8	−0.2931−0.5547i	0.4940+0.3299i	0.0783−0.4277i	0.1762−0.1909i	−0.2548−0.4388i	−0.2740−0.3890i	−0.2367−0.6782i	−0.6284−0.5904i
38.9	−0.3038−0.5078i	0.5056+0.2944i	0.0526−0.4177i	0.1742−0.1852i	−0.2738−0.4152i	−0.2899−0.3659i	−0.2816−0.6580i	−0.6349−0.5366i
39.0	−0.2942−0.4512i	0.5100+0.2656i	0.0336−0.3934i	0.1739−0.1825i	−0.2907−0.3844i	−0.3023−0.3368i	−0.3263−0.6209i	−0.6339−0.4823i
39.1	−0.2871−0.4060i	0.5128+0.2366i	0.0238−0.3672i	0.1738−0.1797i	−0.3026−0.3569i	−0.3106−0.3113i	−0.3624−0.5851i	−0.6281−0.4350i
39.2	−0.2754−0.3777i	0.5114+0.2088i	0.0157−0.3441i	0.1760−0.1810i	−0.3103−0.3367i	−0.3167−0.2926i	−0.3895−0.5589i	−0.6229−0.4009i
39.3	−0.2652−0.3422i	0.5097+0.1746i	0.0077−0.3221i	0.1706−0.1905i	−0.3206−0.3108i	−0.3244−0.2685i	−0.4218−0.5204i	−0.6181−0.3613i
39.4	−0.2448−0.3103i	0.5032+0.1426i	0.0087−0.3026i	0.1618−0.1940i	−0.3216−0.2847i	−0.3235−0.2441i	−0.4361−0.4793i	−0.6038−0.3233i
39.5	−0.2349−0.2655i	0.4989+0.1107i	0.0094−0.2853i	0.1577−0.1962i	−0.3315−0.2545i	−0.3299−0.2167i	−0.4627−0.4339i	−0.5990−0.2801i
39.6	−0.2147−0.2362i	0.4856+0.0887i	0.0154−0.2750i	0.1568−0.1910i	−0.3289−0.2306i	−0.3261−0.1946i	−0.4675−0.3926i	−0.5827−0.2499i
39.7	−0.1819−0.2074i	0.4663+0.0642i	0.0123−0.2525i	0.1530−0.1850i	−0.3218−0.2032i	−0.3189−0.1695i	−0.4624−0.3462i	−0.5671−0.2142i
39.8	−0.1675−0.1904i	0.4641+0.0466i	0.0207−0.2329i	0.1466−0.1861i	−0.3210−0.1851i	−0.3171−0.1535i	−0.4682−0.3193i	−0.5555−0.1877i
39.9	−0.1434−0.1700i	0.4524+0.0291i	0.0351−0.2227i	0.1434−0.1792i	−0.3119−0.1639i	−0.3075−0.1350i	−0.4619−0.2844i	−0.5309−0.1600i
40.0	−0.1157−0.1486i	0.4358+0.0118i	0.0421−0.2190i	0.1443−0.1797i	−0.3024−0.1437i	−0.2980−0.1160i	−0.4523−0.2499i	−0.5086−0.1359i
40.1	−0.0902−0.1302i	0.4172−0.0058i	0.0470−0.2064i	0.1428−0.1736i	−0.2948−0.1240i	−0.2907−0.0981i	−0.4473−0.2150i	−0.4913−0.1123i
40.2	−0.0737−0.1225i	0.4056−0.0169i	0.0582−0.1976i	0.1398−0.1716i	−0.2873−0.1129i	−0.2823−0.0887i	−0.4402−0.1939i	−0.4736−0.1019i
40.3	−0.0512−0.1200i	0.3882−0.0240i	0.0691−0.1923i	0.1390−0.1689i	−0.2792−0.1014i	−0.2732−0.0785i	−0.4316−0.1718i	−0.4543−0.0908i
40.4	−0.0300−0.1140i	0.3774−0.0297i	0.0694−0.1916i	0.1386−0.1592i	−0.2706−0.0911i	−0.2656−0.0696i	−0.4199−0.1533i	−0.4399−0.0801i
40.5	−0.0157−0.1022i	0.3691−0.0404i	0.0694−0.1884i	0.1391−0.1513i	−0.2626−0.0801i	−0.2574−0.0592i	−0.4101−0.1322i	−0.4258−0.0687i
40.6	−0.0024−0.0938i	0.3590−0.0551i	0.0752−0.1858i	0.1402−0.1482i	−0.2548−0.0683i	−0.2493−0.0485i	−0.4017−0.1091i	−0.4096−0.0576i
40.7	0.0142−0.0866i	0.3465−0.0655i	0.0843−0.1866i	0.1391−0.1479i	−0.2458−0.0590i	−0.2406−0.0404i	−0.3872−0.0916i	−0.3953−0.0469i
40.8	0.0315−0.0816i	0.3412−0.0680i	0.0945−0.1813i	0.1436−0.1433i	−0.2402−0.0514i	−0.2354−0.0345i	−0.3799−0.0775i	−0.3850−0.0384i
40.9	0.0513−0.0746i	0.3262−0.0716i	0.0903−0.1764i	0.1498−0.1432i	−0.2315−0.0425i	−0.2266−0.0271i	−0.3694−0.0596i	−0.3691−0.0302i
41.0	0.0711−0.0721i	0.3103−0.0822i	0.0890−0.1778i	0.1577−0.1429i	−0.2199−0.0337i	−0.2146−0.0196i	−0.3501−0.0403i	−0.3528−0.0235i
41.1	0.0835−0.0699i	0.3010−0.0887i	0.0963−0.1704i	0.1601−0.1398i	−0.2122−0.0286i	−0.2077−0.0150i	−0.3382−0.0315i	−0.3409−0.0190i
41.2	0.1038−0.0672i	0.2895−0.0883i	0.1019−0.1606i	0.1482−0.1474i	−0.2031−0.0223i	−0.1996−0.0091i	−0.3233−0.0205i	−0.3283−0.0113i
41.3	0.1189−0.0635i	0.2758−0.0855i	0.1053−0.1615i	0.1468−0.1430i	−0.1954−0.0188i	−0.1913−0.0065i	−0.3121−0.0125i	−0.3148−0.0104i
41.4	0.1283−0.0667i	0.2776−0.0910i	0.1113−0.1593i	0.1615−0.1389i	−0.1906−0.0131i	−0.1871−0.0027i	−0.3049−0.0004i	−0.3085−0.0073i
41.5	0.1420−0.0725i	0.2706−0.1013i	0.1088−0.1595i	0.1656−0.1501i	−0.1833−0.0083i	−0.1806+0.0017i	−0.2927+0.0099i	−0.2987−0.0036i
41.6	0.1599−0.0783i	0.2564−0.0946i	0.1076−0.1491i	0.1682−0.1438i	−0.1741−0.0084i	−0.1721+0.0020i	−0.2755+0.0151i	−0.2872−0.0084i
41.7	0.1726−0.0791i	0.2382−0.0947i	0.1155−0.1427i	0.1593−0.1461i	−0.1656−0.0056i	−0.1634+0.0040i	−0.2579+0.0214i	−0.2782−0.0073i
41.8	0.1782−0.0819i	0.2293−0.0932i	0.1229−0.1386i	0.1612−0.1487i	−0.1602−0.0046i	−0.1581+0.0042i	−0.2471+0.0212i	−0.2739−0.0068i
41.9	0.1902−0.0862i	0.2287−0.0938i	0.1363−0.1374i	0.1726−0.1569i	−0.1587−0.0024i	−0.1570+0.0066i	−0.2407+0.0249i	−0.2746−0.0017i
42.0	0.1970−0.0866i	0.2222−0.0925i	0.1436−0.1431i	0.1691−0.1619i	−0.1538−0.0009i	−0.1531+0.0082i	−0.2334+0.0279i	−0.2668+0.0006i
42.1	0.2053−0.0908i	0.2120−0.0914i	0.1410−0.1518i	0.1701−0.1564i	−0.1487+0.0031i	−0.1484+0.0114i	−0.2245+0.0345i	−0.2615+0.0070i
42.2	0.2143−0.0984i	0.2038−0.0915i	0.1399−0.1440i	0.1715−0.1592i	−0.1445+0.0036i	−0.1450+0.0111i	−0.2164+0.0334i	−0.2561+0.0074i
42.3	0.2207−0.1001i	0.2040−0.0877i	0.1529−0.1420i	0.1740−0.1647i	−0.1429+0.0062i	−0.1438+0.0134i	−0.2150+0.0393i	−0.2531+0.0094i
42.4	0.2303−0.1042i	0.1975−0.0929i	0.1564−0.1485i	0.1654−0.1772i	−0.1360+0.0102i	−0.1370+0.0178i	−0.2000+0.0471i	−0.2478+0.0168i
42.5	0.2327−0.1143i	0.1890−0.0910i	0.1518−0.1478i	0.1604−0.1802i	−0.1330+0.0119i	−0.1339+0.0201i	−0.1931+0.0496i	−0.2463+0.0179i
42.6	0.2351−0.1162i	0.1809−0.0881i	0.1531−0.1501i	0.1644−0.1855i	−0.1281+0.0141i	−0.1289+0.0229i	−0.1805+0.0535i	−0.2413+0.0225i
42.7	0.2384−0.1176i	0.1714−0.0885i	0.1519−0.1518i	0.1556−0.1880i	−0.1223+0.0145i	−0.1232+0.0232i	−0.1695+0.0521i	−0.2346+0.0261i
42.8	0.2441−0.1249i	0.1785−0.0694i	0.1567−0.1332i	0.1571−0.1838i	−0.1219+0.0103i	−0.1229+0.0173i	−0.1651+0.0390i	−0.2368+0.0249i
42.9	0.2487−0.1255i	0.1897−0.0741i	0.1793−0.1328i	0.1656−0.1901i	−0.1252+0.0157i	−0.1261+0.0239i	−0.1701+0.0441i	−0.2412+0.0391i
43.0	0.2527−0.1271i	0.1820−0.0819i	0.1850−0.1439i	0.1538−0.2047i	−0.1197+0.0217i	−0.1215+0.0309i	−0.1654+0.0513i	−0.2307+0.0537i
43.1	0.2569−0.1272i	0.1721−0.0917i	0.1857−0.1529i	0.1371−0.2054i	−0.1138+0.0268i	−0.1151+0.0368i	−0.1582+0.0587i	−0.2196+0.0613i
43.2	0.2617−0.1331i	0.1678−0.0896i	0.1861−0.1568i	0.1290−0.2062i	−0.1099+0.0293i	−0.1110+0.0392i	−0.1529+0.0613i	−0.2117+0.0655i
43.3	0.2663−0.1374i	0.1605−0.0841i	0.1807−0.1619i	0.1202−0.2011i	−0.1025+0.0304i	−0.1031+0.0399i	−0.1423+0.0628i	−0.1974+0.0682i
43.4	0.2671−0.1482i	0.1690−0.0726i	0.1806−0.1544i	0.1255−0.1876i	−0.1024+0.0284i	−0.1023+0.0367i	−0.1447+0.0588i	−0.1933+0.0628i

43.5	0.2661-0.1486i	0.1764-0.0813i	0.1890-0.1617i	0.1342-0.1935i	-0.1047+0.0331i	-0.1054+0.0409i	-0.1501+0.0683i	-0.1965+0.0679i
43.6	0.2688-0.1477i	0.1678-0.0990i	0.1974-0.1774i	0.1291-0.2086i	-0.1017+0.0418i	-0.1020+0.0501i	-0.1433+0.0825i	-0.1915+0.0815i
43.7	0.2697-0.1519i	0.1592-0.1125i	0.1929-0.1925i	0.1173-0.2148i	-0.0950+0.0486i	-0.0934+0.0575i	-0.1302+0.0943i	-0.1791+0.0922i
43.8	0.2714-0.1600i	0.1474-0.1126i	0.1675-0.2008i	0.1022-0.2203i	-0.0850+0.0509i	-0.0808+0.0595i	-0.1104+0.0960i	-0.1625+0.0959i
43.9	0.2711-0.1658i	0.1323-0.1053i	0.1466-0.1955i	0.0919-0.2247i	-0.0765+0.0513i	-0.0715+0.0589i	-0.0950+0.0946i	-0.1487+0.0970i
44.0	0.2706-0.1745i	0.1170-0.1003i	0.1319-0.1770i	0.0750-0.2288i	-0.0696+0.0488i	-0.0643+0.0553i	-0.0863+0.0879i	-0.1355+0.0949i
44.1	0.2617-0.1716i	0.1170-0.0900i	0.1458-0.1651i	0.0657-0.2222i	-0.0674+0.0476i	-0.0629+0.0527i	-0.0859+0.0897i	-0.1299+0.0884i
44.2	0.2587-0.1701i	0.1153-0.0864i	0.1545-0.1674i	0.0440-0.2238i	-0.0636+0.0513i	-0.0590+0.0560i	-0.0754+0.0969i	-0.1261+0.0915i
44.3	0.2557-0.1717i	0.1035-0.0770i	0.1565-0.1718i	0.0156-0.2004i	-0.0557+0.0497i	-0.0497+0.0539i	-0.0617+0.0926i	-0.1132+0.0891i
44.4	0.2529-0.1743i	0.1055-0.0655i	0.1497-0.1803i	0.0208-0.1628i	-0.0517+0.0460i	-0.0458+0.0490i	-0.0544+0.0876i	-0.1072+0.0818i
44.5	0.2520-0.1750i	0.1054-0.0612i	0.1337-0.1759i	0.0296-0.1564i	-0.0488+0.0473i	-0.0423+0.0493i	-0.0461+0.0868i	-0.1053+0.0845i
44.6	0.2515-0.1706i	0.1028-0.0587i	0.1250-0.1617i	0.0299-0.1543i	-0.0434+0.0459i	-0.0385+0.0466i	-0.0370+0.0788i	-0.0998+0.0869i
44.7	0.2582-0.1670i	0.1104-0.0561i	0.1296-0.1544i	0.0317-0.1464i	-0.0402+0.0455i	-0.0360+0.0453i	-0.0362+0.0769i	-0.0917+0.0841i
44.8	0.2575-0.1673i	0.1055-0.0482i	0.1357-0.1493i	0.0393-0.1352i	-0.0373+0.0419i	-0.0337+0.0411i	-0.0322+0.0722i	-0.0862+0.0775i
44.9	0.2569-0.1651i	0.1071-0.0418i	0.1331-0.1327i	0.0471-0.1321i	-0.0363+0.0391i	-0.0331+0.0369i	-0.0312+0.0634i	-0.0839+0.0732i
45.0	0.2643-0.1606i	0.1142-0.0491i	0.1465-0.1271i	0.0370-0.1408i	-0.0361+0.0428i	-0.0320+0.0410i	-0.0318+0.0690i	-0.0818+0.0776i
45.1	0.2672-0.1633i	0.1095-0.0473i	0.1492-0.1293i	0.0419-0.1282i	-0.0311+0.0433i	-0.0273+0.0404i	-0.0226+0.0699i	-0.0770+0.0764i
45.2	0.2571-0.1610i	0.1071-0.0467i	0.1534-0.1257i	0.0482-0.1311i	-0.0283+0.0427i	-0.0259+0.0401i	-0.0152+0.0670i	-0.0744+0.0779i
45.3	0.2606-0.1664i	0.1120-0.0490i	0.1604-0.1302i	0.0389-0.1347i	-0.0264+0.0431i	-0.0240+0.0403i	-0.0105+0.0636i	-0.0720+0.0831i
45.4	0.2685-0.1640i	0.1097-0.0405i	0.1657-0.1226i	0.0223-0.1353i	-0.0220+0.0435i	-0.0189+0.0404i	-0.0056+0.0583i	-0.0640+0.0895i
45.5	0.2742-0.1544i	0.1168-0.0243i	0.1733-0.1203i	0.0288-0.1086i	-0.0198+0.0379i	-0.0175+0.0333i	-0.0078+0.0474i	-0.0571+0.0786i
45.6	0.2758-0.1557i	0.1183-0.0398i	0.1833-0.1138i	0.0304-0.1286i	-0.0194+0.0413i	-0.0181+0.0364i	-0.0107+0.0511i	-0.0537+0.0854i
45.7	0.2731-0.1645i	0.1054-0.0434i	0.1955-0.1081i	0.0038-0.1277i	-0.0132+0.0416i	-0.0116+0.0361i	-0.0060+0.0518i	-0.0386+0.0850i
45.8	0.2770-0.1747i	0.1107-0.0354i	0.2120-0.1338i	-0.0054-0.1034i	-0.0121+0.0379i	-0.0107+0.0318i	-0.0067+0.0493i	-0.0340+0.0755i
45.9	0.2780-0.1732i	0.1172-0.0374i	0.2162-0.1589i	0.0093-0.0718i	-0.0119+0.0386i	-0.0109+0.0321i	-0.0040+0.0554i	-0.0344+0.0736i
46.0	0.2777-0.1714i	0.1133-0.0362i	0.2020-0.1566i	0.0170-0.0711i	-0.0084+0.0410i	-0.0086+0.0333i	0.0019+0.0532i	-0.0324+0.0780i
46.1	0.2809-0.1799i	0.1034-0.0368i	0.2011-0.1738i	0.0174-0.0598i	-0.0043+0.0427i	-0.0047+0.0342i	0.0078+0.0508i	-0.0245+0.0838i
46.2	0.2845-0.1830i	0.0978-0.0362i	0.1934-0.1659i	0.0265-0.0462i	0.0002+0.0398i	0.0002+0.0312i	0.0093+0.0463i	-0.0110+0.0813i
46.3	0.2845-0.1845i	0.0960-0.0303i	0.2166-0.1589i	0.0140-0.0290i	0.0047+0.0356i	0.0037+0.0263i	0.0064+0.0429i	0.0035+0.0705i
46.4	0.2799-0.1898i	0.0972-0.0239i	0.1947-0.1820i	0.0330+0.0009i	0.0055+0.0349i	0.0036+0.0242i	0.0065+0.0448i	0.0051+0.0618i
46.5	0.2866-0.2013i	0.1038-0.0285i	0.1677-0.1822i	0.0785-0.0199i	0.0073+0.0336i	0.0040+0.0227i	0.0110+0.0473i	0.0053+0.0593i
46.6	0.2859-0.2105i	0.1115-0.0287i	0.1751-0.1755i	0.0856-0.0443i	0.0095+0.0313i	0.0042+0.0205i	0.0143+0.0473i	0.0067+0.0544i
46.7	0.2763-0.2063i	0.1181-0.0156i	0.1841-0.1634i	0.0823-0.0514i	0.0084+0.0310i	0.0027+0.0206i	0.0119+0.0467i	0.0051+0.0494i
46.8	0.2724-0.2057i	0.1148-0.0217i	0.1838-0.1740i	0.0651-0.0464i	0.0120+0.0327i	0.0060+0.0223i	0.0175+0.0505i	0.0113+0.0508i
46.9	0.2656-0.2004i	0.1129-0.0139i	0.1825-0.1875i	0.0527-0.0214i	0.0143+0.0306i	0.0080+0.0201i	0.0200+0.0477i	0.0143+0.0455i
47.0	0.2567-0.2086i	0.1001-0.0217i	0.1433-0.1993i	0.0820-0.0212i	0.0177+0.0288i	0.0103+0.0192i	0.0286+0.0490i	0.0206+0.0350i
47.1	0.2495-0.2137i	0.0985-0.0164i	0.1357-0.1798i	0.0916-0.0495i	0.0194+0.0268i	0.0113+0.0177i	0.0335+0.0467i	0.0182+0.0313i
47.2	0.2392-0.2121i	0.0974-0.0113i	0.1421-0.1724i	0.0725-0.0492i	0.0231+0.0271i	0.0146+0.0176i	0.0403+0.0459i	0.0225+0.0324i
47.3	0.2384-0.2088i	0.0981+0.0025i	0.1477-0.1670i	0.0609-0.0258i	0.0260+0.0249i	0.0183+0.0149i	0.0449+0.0417i	0.0268+0.0281i
47.4	0.2392-0.1982i	0.1016+0.0151i	0.1403-0.1555i	0.0711-0.0080i	0.0263+0.0189i	0.0171+0.0094i	0.0432+0.0358i	0.0256+0.0184i
47.5	0.2278-0.1930i	0.1047+0.0224i	0.1423-0.1593i	0.0765+0.0015i	0.0264+0.0161i	0.0163+0.0074i	0.0416+0.0337i	0.0227+0.0128i
47.6	0.2271-0.1973i	0.1154+0.0196i	0.1231-0.1669i	0.1069+0.0122i	0.0255+0.0150i	0.0147+0.0058i	0.0413+0.0350i	0.0197+0.0100i
47.7	0.2294-0.1920i	0.1287+0.0144i	0.1167-0.1414i	0.1260-0.0087i	0.0253+0.0152i	0.0134+0.0068i	0.0435+0.0371i	0.0174+0.0111i
47.8	0.2228-0.1829i	0.1309+0.0104i	0.1318-0.1154i	0.1173-0.0260i	0.0260+0.0163i	0.0139+0.0094i	0.0490+0.0393i	0.0175+0.0131i
47.9	0.2288-0.1775i	0.1284+0.0210i	0.1383-0.1190i	0.0980-0.0232i	0.0266+0.0139i	0.0154+0.0069i	0.0514+0.0341i	0.0139+0.0077i
48.0	0.2241-0.1849i	0.1263+0.0272i	0.1259-0.1326i	0.1064-0.0305i	0.0299+0.0112i	0.0188+0.0051i	0.0556+0.0324i	0.0176-0.0003i
48.1	0.2178-0.1824i	0.1302+0.0231i	0.1408-0.1230i	0.1079-0.0352i	0.0296+0.0096i	0.0184+0.0036i	0.0593+0.0298i	0.0162-0.0009i
48.2	0.2192-0.1726i	0.1472+0.0275i	0.1505-0.1283i	0.1041-0.0229i	0.0291+0.0096i	0.0184+0.0031i	0.0623+0.0279i	0.0124-0.0003i
48.3	0.2146-0.1724i	0.1560+0.0244i	0.1451-0.1246i	0.1084-0.0260i	0.0298+0.0088i	0.0196+0.0017i	0.0653+0.0226i	0.0128-0.0004i
48.4	0.2219-0.1741i	0.1629+0.0241i	0.1466-0.1221i	0.1120-0.0409i	0.0305+0.0061i	0.0198-0.0001i	0.0683+0.0183i	0.0162-0.0027i
48.5	0.2202-0.1637i	0.1736+0.0308i	0.1537-0.1215i	0.1041-0.0331i	0.0294+0.0049i	0.0199-0.0013i	0.0674+0.0169i	0.0132-0.0042i
48.6	0.2049-0.1560i	0.1681+0.0217i	0.1487-0.1278i	0.1026-0.0140i	0.0275+0.0060i	0.0182-0.0010i	0.0638+0.0174i	0.0050-0.0036i
48.7	0.2036-0.1443i	0.1745+0.0154i	0.1368-0.1189i	0.1209-0.0115i	0.0282+0.0068i	0.0176+0.0002i	0.0664+0.0171i	0.0029-0.0004i
48.8	0.2143-0.1390i	0.1736+0.0053i	0.1367-0.1074i	0.1313-0.0282i	0.0293+0.0065i	0.0190+0.0010i	0.0712+0.0142i	0.0041+0.0021i
48.9	0.2184-0.1336i	0.1742+0.0026i	0.1476-0.0910i	0.1209-0.0337i	0.0309+0.0061i	0.0205-0.0000i	0.0743+0.0105i	0.0063+0.0054i
49.0	0.2274-0.1282i	0.1842+0.0086i	0.1556-0.0772i	0.1122-0.0300i	0.0304+0.0070i	0.0203-0.0004i	0.0742+0.0092i	0.0055+0.0094i
49.1	0.2328-0.1252i	0.1873+0.0044i	0.1793-0.0815i	0.1026-0.0232i	0.0323+0.0074i	0.0222-0.0001i	0.0751+0.0081i	0.0118+0.0117i
49.2	0.2253-0.1269i	0.1951-0.0098i	0.1840-0.0949i	0.0985-0.0111i	0.0340+0.0085i	0.0239+0.0004i	0.0758+0.0072i	0.0140+0.0133i
49.3	0.2201-0.1234i	0.1825-0.0059i	0.1661-0.0984i	0.1050+0.0043i	0.0334+0.0094i	0.0229+0.0005i	0.0738+0.0069i	0.0113+0.0125i
49.4	0.2109-0.1143i	0.1752+0.0003i	0.1477-0.0975i	0.1075+0.0055i	0.0320+0.0099i	0.0220+0.0005i	0.0726+0.0067i	0.0072+0.0120i
49.5	0.2317-0.1082i	0.1895-0.0007i	0.1662-0.0772i	0.1338-0.0094i	0.0363+0.0088i	0.0267-0.0002i	0.0833+0.0022i	0.0192+0.0147i
49.6	0.2403-0.1008i	0.1969+0.0007i	0.1833-0.0439i	0.1321+0.0143i	0.0377+0.0099i	0.0267+0.0006i	0.0843+0.0040i	0.0230+0.0227i
49.7	0.2556-0.1187i	0.1971-0.0292i	0.2165-0.0945i	0.1520-0.0006i	0.0402+0.0077i	0.0290-0.0003i	0.0875-0.0010i	0.0321+0.0143i

49.8	0.2663−0.1389i	0.1999−0.0634i	0.2385−0.1522i	0.1898−0.0459i	0.0456+0.0036i	0.0338−0.0033i	0.0952−0.0114i	0.0433−0.0014i
49.9	0.2726−0.1200i	0.2064−0.0397i	0.2381−0.1294i	0.1869−0.0375i	0.0474+0.0032i	0.0354−0.0040i	0.0974−0.0125i	0.0437+0.0032i
50.0	0.2749−0.1081i	0.2059−0.0244i	0.2297−0.0910i	0.1645−0.0006i	0.0488+0.0056i	0.0368−0.0041i	0.1003−0.0089i	0.0456+0.0142i
50.1	0.2409−0.1210i	0.1509−0.0187i	0.1745−0.0863i	0.1124+0.0143i	0.0456+0.0046i	0.0345−0.0066i	0.0893−0.0105i	0.0340+0.0111i
50.2	0.2583−0.1024i	0.1734−0.0053i	0.1965−0.0774i	0.1430+0.0144i	0.0484+0.0042i	0.0363−0.0066i	0.0924−0.0104i	0.0398+0.0119i
50.3	0.2705−0.1168i	0.1938−0.0276i	0.1862−0.1010i	0.1451−0.0073i	0.0485−0.0000i	0.0367−0.0109i	0.0920−0.0178i	0.0385+0.0034i
50.4	0.2489−0.1290i	0.1730−0.0308i	0.1890−0.0863i	0.1208−0.0023i	0.0451−0.0048i	0.0337−0.0151i	0.0866−0.0257i	0.0333+0.0014i
50.5	0.2493−0.1325i	0.1684−0.0277i	0.2010−0.0923i	0.1149+0.0013i	0.0460−0.0046i	0.0342−0.0155i	0.0865−0.0279i	0.0369+0.0014i
50.6	0.2683−0.1202i	0.1886−0.0221i	0.2137−0.1008i	0.1390+0.0039i	0.0498−0.0043i	0.0363−0.0152i	0.0903−0.0282i	0.0434+0.0020i
50.7	0.2552−0.1459i	0.1725−0.0408i	0.2067−0.1127i	0.1375−0.0076i	0.0482−0.0074i	0.0339−0.0180i	0.0889−0.0337i	0.0417−0.0063i
50.8	0.2563−0.1501i	0.1742−0.0543i	0.2026−0.1143i	0.1442−0.0142i	0.0481−0.0106i	0.0337−0.0204i	0.0905−0.0395i	0.0440−0.0100i
50.9	0.2663−0.1371i	0.1772−0.0307i	0.2090−0.1135i	0.1484−0.0014i	0.0518−0.0110i	0.0376−0.0210i	0.0925−0.0395i	0.0482−0.0085i
51.0	0.2676−0.1378i	0.1873−0.0242i	0.2096−0.1141i	0.1510+0.0006i	0.0520−0.0130i	0.0368−0.0237i	0.0905−0.0424i	0.0479−0.0115i
51.1	0.2621−0.1448i	0.1933−0.0229i	0.2110−0.1212i	0.1587+0.0145i	0.0513−0.0153i	0.0361−0.0261i	0.0886−0.0457i	0.0478−0.0142i
51.2	0.2534−0.1526i	0.1820−0.0257i	0.2034−0.1170i	0.1693+0.0090i	0.0505−0.0195i	0.0358−0.0297i	0.0893−0.0523i	0.0478−0.0198i
51.3	0.2457−0.1653i	0.1771−0.0337i	0.2168−0.0927i	0.1801+0.0043i	0.0497−0.0200i	0.0337−0.0307i	0.0900−0.0537i	0.0517−0.0175i
51.4	0.2422−0.1430i	0.1883−0.0148i	0.2113−0.0902i	0.1631+0.0005i	0.0478−0.0203i	0.0319−0.0313i	0.0800−0.0563i	0.0480−0.0217i
51.5	0.2330−0.1343i	0.1930−0.0152i	0.1998−0.1115i	0.1465+0.0005i	0.0429−0.0215i	0.0275−0.0322i	0.0705−0.0608i	0.0407−0.0245i
51.6	0.2321−0.1419i	0.2107−0.0153i	0.2045−0.1148i	0.1505+0.0004i	0.0388−0.0227i	0.0231−0.0330i	0.0647−0.0628i	0.0338−0.0262i
51.7	0.2203−0.1419i	0.2169−0.0116i	0.2061−0.1041i	0.1692−0.0026i	0.0396−0.0258i	0.0216−0.0347i	0.0640−0.0635i	0.0380−0.0295i
51.8	0.2180−0.1395i	0.2134−0.0119i	0.1964−0.1040i	0.1747−0.0003i	0.0400−0.0262i	0.0227−0.0358i	0.0620−0.0652i	0.0407−0.0288i
51.9	0.2163−0.1313i	0.2138−0.0274i	0.2033−0.1062i	0.1677−0.0037i	0.0374−0.0205i	0.0204−0.0311i	0.0562−0.0573i	0.0366−0.0209i
52.0	0.2236−0.1189i	0.2319−0.0338i	0.2008−0.1044i	0.1673+0.0008i	0.0344−0.0194i	0.0171−0.0292i	0.0498−0.0521i	0.0311−0.0224i
52.1	0.2167−0.1193i	0.2400−0.0254i	0.2018−0.1027i	0.1746−0.0042i	0.0317−0.0232i	0.0137−0.0318i	0.0442−0.0561i	0.0254−0.0296i
52.2	0.2128−0.1167i	0.2401−0.0243i	0.2068−0.1038i	0.1745−0.0035i	0.0307−0.0203i	0.0130−0.0293i	0.0427−0.0526i	0.0263−0.0264i
52.3	0.2169−0.0969i	0.2361−0.0429i	0.2120−0.1034i	0.1706+0.0023i	0.0314−0.0118i	0.0142−0.0217i	0.0456−0.0391i	0.0287−0.0141i
52.4	0.2261−0.0927i	0.2335−0.0550i	0.2263−0.1044i	0.1690−0.0016i	0.0320−0.0100i	0.0147−0.0191i	0.0456−0.0353i	0.0298−0.0119i
52.5	0.2306−0.0886i	0.2358−0.0573i	0.2191−0.1138i	0.1733−0.0048i	0.0346−0.0096i	0.0163−0.0173i	0.0476−0.0332i	0.0356−0.0118i
52.6	0.2307−0.0900i	0.2420−0.0513i	0.2149−0.1131i	0.1750+0.0047i	0.0339−0.0095i	0.0169−0.0186i	0.0479−0.0316i	0.0353−0.0116i
52.7	0.2237−0.0826i	0.2398−0.0614i	0.2145−0.1144i	0.1796+0.0015i	0.0326−0.0074i	0.0149−0.0167i	0.0454−0.0300i	0.0329−0.0098i
52.8	0.2298−0.0823i	0.2377−0.0825i	0.2114−0.1241i	0.1740+0.0051i	0.0333−0.0024i	0.0149−0.0127i	0.0453−0.0209i	0.0354−0.0063i
52.9	0.2282−0.0752i	0.2387−0.0864i	0.2057−0.1205i	0.1872+0.0094i	0.0332−0.0019i	0.0158−0.0130i	0.0473−0.0205i	0.0358−0.0058i
53.0	0.2374−0.0779i	0.2314−0.0910i	0.2015−0.1242i	0.1958+0.0083i	0.0350−0.0009i	0.0168−0.0128i	0.0499−0.0190i	0.0375−0.0047i
53.1	0.2366−0.0768i	0.2349−0.0908i	0.1923−0.1270i	0.2098+0.0180i	0.0373−0.0019i	0.0180−0.0120i	0.0518−0.0182i	0.0394−0.0054i
53.2	0.2338−0.0759i	0.2358−0.0886i	0.1866−0.1154i	0.2205+0.0196i	0.0387−0.0004i	0.0192−0.0122i	0.0538−0.0174i	0.0405−0.0063i
53.3	0.2298−0.0768i	0.2353−0.0859i	0.1733−0.1022i	0.2251+0.0084i	0.0383+0.0009i	0.0180−0.0118i	0.0541−0.0157i	0.0411−0.0070i
53.4	0.2290−0.0683i	0.2305−0.0944i	0.1772−0.0951i	0.2351−0.0093i	0.0401−0.0008i	0.0188−0.0111i	0.0565−0.0151i	0.0402−0.0087i
53.5	0.2411−0.0491i	0.2277−0.1022i	0.1872−0.0932i	0.2316−0.0188i	0.0403+0.0043i	0.0190−0.0059i	0.0576−0.0064i	0.0398−0.0012i
53.6	0.2628−0.0507i	0.2132−0.1063i	0.1901−0.0836i	0.2281−0.0265i	0.0482+0.0077i	0.0264−0.0030i	0.0719−0.0027i	0.0535+0.0031i
53.7	0.2562−0.0743i	0.2165−0.0904i	0.1955−0.0811i	0.2198−0.0343i	0.0490+0.0005i	0.0269−0.0095i	0.0713−0.0138i	0.0517−0.0055i
53.8	0.2474−0.0756i	0.2307−0.0963i	0.1919−0.0818i	0.2260−0.0274i	0.0460+0.0004i	0.0247−0.0080i	0.0683−0.0128i	0.0459−0.0044i
53.9	0.2431−0.0635i	0.2266−0.1090i	0.1924−0.0759i	0.2166−0.0436i	0.0468+0.0034i	0.0256−0.0051i	0.0699−0.0074i	0.0488−0.0003i
54.0	0.2407−0.0637i	0.2225−0.1009i	0.1912−0.0653i	0.2048−0.0527i	0.0488+0.0019i	0.0275−0.0072i	0.0729−0.0123i	0.0509−0.0032i
54.1	0.2445−0.0569i	0.2239−0.1034i	0.2017−0.0579i	0.2021−0.0503i	0.0510+0.0026i	0.0280−0.0063i	0.0729−0.0142i	0.0540−0.0006i
54.2	0.2423−0.0428i	0.2150−0.1067i	0.2267−0.0564i	0.1987−0.0486i	0.0518+0.0046i	0.0273−0.0034i	0.0688−0.0082i	0.0572+0.0019i
54.3	0.2401−0.0381i	0.2220−0.1034i	0.2344−0.0581i	0.1974−0.0436i	0.0491+0.0053i	0.0257−0.0029i	0.0668−0.0035i	0.0529+0.0002i
54.4	0.2510−0.0321i	0.2215−0.1067i	0.2346−0.0633i	0.1908−0.0388i	0.0521+0.0061i	0.0287−0.0016i	0.0723−0.0000i	0.0578−0.0002i
54.5	0.2523−0.0250i	0.2229−0.1148i	0.2413−0.0745i	0.1890−0.0397i	0.0522+0.0083i	0.0290+0.0013i	0.0731+0.0040i	0.0590+0.0018i
54.6	0.2570−0.0203i	0.2355−0.1245i	0.2483−0.0783i	0.1883−0.0372i	0.0505+0.0116i	0.0292+0.0049i	0.0743+0.0098i	0.0581+0.0068i
54.7	0.2674−0.0268i	0.2410−0.1247i	0.2444−0.0791i	0.1788−0.0441i	0.0532+0.0134i	0.0317+0.0066i	0.0782+0.0146i	0.0593+0.0115i
54.8	0.2632−0.0278i	0.2379−0.1225i	0.2525−0.0855i	0.1712−0.0366i	0.0558+0.0135i	0.0355+0.0063i	0.0842+0.0157i	0.0637+0.0118i
54.9	0.2709−0.0266i	0.2291−0.1201i	0.2544−0.0938i	0.1754−0.0190i	0.0581+0.0139i	0.0366+0.0056i	0.0892+0.0149i	0.0635+0.0106i
55.0	0.2742−0.0231i	0.2372−0.1317i	0.2545−0.1001i	0.1841−0.0076i	0.0612+0.0158i	0.0390+0.0070i	0.0949+0.0179i	0.0666+0.0151i
55.1	0.2749−0.0200i	0.2289−0.1366i	0.2392−0.1022i	0.1961+0.0003i	0.0654+0.0167i	0.0441+0.0066i	0.1049+0.0173i	0.0755+0.0157i
55.2	0.2804−0.0211i	0.2364−0.1379i	0.2294−0.1040i	0.1983−0.0052i	0.0685+0.0183i	0.0481+0.0080i	0.1110+0.0171i	0.0802+0.0172i
55.3	0.2937−0.0199i	0.2371−0.1288i	0.2325−0.0991i	0.2093−0.0084i	0.0705+0.0172i	0.0490+0.0078i	0.1123+0.0153i	0.0816+0.0165i
55.4	0.2893−0.0154i	0.2256−0.1343i	0.2387−0.0906i	0.2192−0.0137i	0.0742+0.0139i	0.0512+0.0046i	0.1157+0.0102i	0.0883+0.0131i
55.5	0.2943−0.0134i	0.2269−0.1311i	0.2467−0.0900i	0.2187−0.0104i	0.0751+0.0116i	0.0519+0.0015i	0.1180+0.0076i	0.0907+0.0062i
55.6	0.3087−0.0210i	0.2275−0.1334i	0.2321−0.0904i	0.2237−0.0131i	0.0784+0.0113i	0.0559+0.0028i	0.1246+0.0096i	0.0945+0.0062i
55.7	0.3061−0.0214i	0.2214−0.1395i	0.2332−0.0942i	0.2237−0.0242i	0.0829+0.0117i	0.0595+0.0039i	0.1314+0.0083i	0.0977+0.0071i
55.8	0.2998−0.0269i	0.2290−0.1328i	0.2287−0.0893i	0.2298−0.0323i	0.0824+0.0094i	0.0599+0.0011i	0.1331+0.0021i	0.0964+0.0040i
55.9	0.3045−0.0295i	0.2269−0.1372i	0.2318−0.0809i	0.2360−0.0270i	0.0846+0.0096i	0.0604+0.0011i	0.1362−0.0000i	0.0986+0.0033i
56.0	0.3056−0.0348i	0.2297−0.1374i	0.2373−0.0771i	0.2351−0.0337i	0.0873+0.0086i	0.0619−0.0004i	0.1402−0.0036i	0.1012+0.0009i

56.1	0.3044−0.0428i	0.2299−0.1335i	0.2553−0.0846i	0.2332−0.0364i	0.0884+0.0045i	0.0635−0.0039i	0.1413−0.0092i	0.1059−0.0015i
56.2	0.2982−0.0373i	0.2322−0.1374i	0.2494−0.0852i	0.2362−0.0348i	0.0903+0.0053i	0.0650−0.0044i	0.1437−0.0103i	0.1101−0.0004i
56.3	0.2987−0.0327i	0.2352−0.1396i	0.2471−0.0854i	0.2382−0.0367i	0.0904+0.0052i	0.0654−0.0038i	0.1429−0.0120i	0.1088−0.0024i
56.4	0.3045−0.0291i	0.2283−0.1479i	0.2512−0.0798i	0.2429−0.0346i	0.0924+0.0060i	0.0675−0.0022i	0.1447−0.0096i	0.1135+0.0019i
56.5	0.3157−0.0303i	0.2247−0.1507i	0.2464−0.0801i	0.2434−0.0417i	0.0962+0.0041i	0.0706−0.0039i	0.1499−0.0129i	0.1211−0.0013i
56.6	0.3194−0.0428i	0.2308−0.1552i	0.2529−0.0758i	0.2400−0.0492i	0.0982+0.0027i	0.0721−0.0062i	0.1528−0.0161i	0.1217−0.0060i
56.7	0.3163−0.0372i	0.2425−0.1542i	0.2463−0.0674i	0.2392−0.0522i	0.0994+0.0043i	0.0728−0.0044i	0.1554−0.0148i	0.1230−0.0035i
56.8	0.3078−0.0323i	0.2418−0.1492i	0.2558−0.0642i	0.2453−0.0566i	0.1011+0.0032i	0.0745−0.0044i	0.1575−0.0158i	0.1280−0.0040i
56.9	0.3174−0.0323i	0.2478−0.1524i	0.2617−0.0591i	0.2481−0.0519i	0.1026+0.0022i	0.0757−0.0060i	0.1596−0.0173i	0.1298−0.0069i
57.0	0.3191−0.0277i	0.2530−0.1604i	0.2673−0.0555i	0.2498−0.0670i	0.1063+0.0017i	0.0797−0.0082i	0.1652−0.0211i	0.1341−0.0072i
57.1	0.3263−0.0266i	0.2460−0.1662i	0.2754−0.0565i	0.2383−0.0718i	0.1086+0.0017i	0.0826−0.0075i	0.1683−0.0216i	0.1391−0.0064i
57.2	0.3210−0.0274i	0.2464−0.1639i	0.2857−0.0603i	0.2373−0.0618i	0.1078+0.0001i	0.0828−0.0079i	0.1661−0.0230i	0.1417−0.0090i
57.3	0.3221−0.0353i	0.2463−0.1606i	0.2771−0.0695i	0.2418−0.0498i	0.1106−0.0001i	0.0834−0.0092i	0.1705−0.0232i	0.1444−0.0114i
57.4	0.3290−0.0387i	0.2453−0.1624i	0.2728−0.0638i	0.2325−0.0639i	0.1134−0.0027i	0.0839−0.0116i	0.1733−0.0273i	0.1471−0.0145i
57.5	0.3324−0.0353i	0.2527−0.1777i	0.2875−0.0729i	0.2302−0.0771i	0.1162−0.0045i	0.0873−0.0128i	0.1778−0.0305i	0.1559−0.0165i
57.6	0.3317−0.0279i	0.2516−0.1751i	0.2919−0.0781i	0.2285−0.0712i	0.1189−0.0049i	0.0903−0.0134i	0.1812−0.0310i	0.1578−0.0177i
57.7	0.3311−0.0320i	0.2517−0.1754i	0.2931−0.0692i	0.2389−0.0795i	0.1209−0.0056i	0.0921−0.0139i	0.1834−0.0320i	0.1592−0.0195i
57.8	0.3380−0.0320i	0.2550−0.1838i	0.2958−0.0681i	0.2447−0.0806i	0.1214−0.0096i	0.0930−0.0170i	0.1851−0.0376i	0.1599−0.0260i
57.9	0.3353−0.0293i	0.2580−0.1985i	0.2988−0.0716i	0.2479−0.0733i	0.1237−0.0099i	0.0939−0.0174i	0.1865−0.0395i	0.1628−0.0278i
58.0	0.3384−0.0415i	0.2550−0.2006i	0.3046−0.0808i	0.2490−0.0858i	0.1275−0.0090i	0.0987−0.0158i	0.1933−0.0378i	0.1698−0.0261i
58.1	0.3451−0.0369i	0.2560−0.2123i	0.3072−0.0753i	0.2551−0.0924i	0.1309−0.0114i	0.1018−0.0183i	0.1999−0.0411i	0.1750−0.0296i
58.2	0.3531−0.0303i	0.2589−0.2157i	0.3135−0.0705i	0.2487−0.0987i	0.1349−0.0151i	0.1034−0.0227i	0.2066−0.0499i	0.1790−0.0353i
58.3	0.3528−0.0343i	0.2576−0.2191i	0.3181−0.0740i	0.2484−0.0970i	0.1389−0.0168i	0.1066−0.0247i	0.2115−0.0553i	0.1869−0.0373i
58.4	0.3486−0.0440i	0.2594−0.2293i	0.3184−0.0927i	0.2446−0.1063i	0.1398−0.0174i	0.1076−0.0251i	0.2119−0.0569i	0.1901−0.0377i
58.5	0.3485−0.0439i	0.2584−0.2299i	0.3176−0.0976i	0.2332−0.1102i	0.1417−0.0182i	0.1078−0.0264i	0.2125−0.0604i	0.1936−0.0385i
58.6	0.3507−0.0521i	0.2576−0.2470i	0.3298−0.1038i	0.2296−0.1091i	0.1448−0.0241i	0.1091−0.0302i	0.2126−0.0708i	0.1962−0.0465i
58.7	0.3523−0.0614i	0.2560−0.2612i	0.3367−0.1056i	0.2344−0.1213i	0.1459−0.0305i	0.1115−0.0349i	0.2126−0.0787i	0.1968−0.0541i
58.8	0.3576−0.0656i	0.2559−0.2698i	0.3425−0.1108i	0.2327−0.1274i	0.1483−0.0354i	0.1139−0.0392i	0.2153−0.0868i	0.2028−0.0627i
58.9	0.3629−0.0692i	0.2311−0.2804i	0.3420−0.1213i	0.2186−0.1369i	0.1511−0.0417i	0.1159−0.0443i	0.2168−0.0968i	0.2081−0.0731i
59.0	0.3572−0.0812i	0.2273−0.2993i	0.3382−0.1384i	0.2093−0.1472i	0.1510−0.0432i	0.1156−0.0447i	0.2149−0.0975i	0.2077−0.0720i
59.1	0.3414−0.0995i	0.2066−0.3093i	0.3325−0.1548i	0.1977−0.1653i	0.1499−0.0481i	0.1151−0.0486i	0.2121−0.1040i	0.2064−0.0788i
59.2	0.3203−0.1054i	0.1915−0.3056i	0.3247−0.1587i	0.1858−0.1659i	0.1453−0.0533i	0.1119−0.0525i	0.2037−0.1077i	0.2023−0.0917i
59.3	0.3059−0.1067i	0.1698−0.3118i	0.3080−0.1554i	0.1716−0.1656i	0.1405−0.0561i	0.1068−0.0541i	0.1958−0.1102i	0.1947−0.0984i
59.4	0.2881−0.0974i	0.1466−0.3024i	0.2865−0.1557i	0.1413−0.1521i	0.1360−0.0569i	0.1040−0.0543i	0.1887−0.1092i	0.1867−0.1009i
59.5	0.2696−0.0896i	0.1320−0.2875i	0.2748−0.1481i	0.1197−0.1438i	0.1311−0.0562i	0.1021−0.0534i	0.1829−0.1046i	0.1840−0.1001i
59.6	0.2430−0.0721i	0.1287−0.2644i	0.2553−0.1363i	0.1069−0.1283i	0.1273−0.0501i	0.1000−0.0475i	0.1793−0.0922i	0.1818−0.0910i
59.7	0.2365−0.0554i	0.1275−0.2421i	0.2460−0.1264i	0.1121−0.1134i	0.1275−0.0444i	0.1007−0.0450i	0.1803−0.0843i	0.1825−0.0848i
59.8	0.2353−0.0355i	0.1418−0.2307i	0.2508−0.1094i	0.1156−0.1057i	0.1312−0.0419i	0.1046−0.0435i	0.1856−0.0816i	0.1894−0.0800i
59.9	0.2125−0.0382i	0.1143−0.2303i	0.2393−0.0839i	0.1151−0.0790i	0.1370−0.0383i	0.1093−0.0407i	0.1927−0.0794i	0.1954−0.0767i
60.0	0.1518−0.1792i	0.0378−0.3946i	0.1352−0.0764i	0.0703−0.0556i	0.1323−0.0348i	0.1046−0.0378i	0.1920−0.0782i	0.1783−0.0813i
60.1	0.2586−0.0851i	0.1743−0.3271i	0.2253−0.1054i	0.1004−0.0821i	0.1437−0.0394i	0.1157−0.0432i	0.2073−0.0809i	0.2050−0.0915i
60.2	0.2479+0.0318i	0.1736−0.2165i	0.2900−0.0622i	0.1238−0.0674i	0.1539−0.0384i	0.1249−0.0441i	0.2207−0.0793i	0.2236−0.0854i
60.3	0.2549+0.0347i	0.1759−0.2112i	0.3008−0.0556i	0.1259−0.0691i	0.1593−0.0416i	0.1305−0.0472i	0.2303−0.0841i	0.2341−0.0920i
60.4	0.2640+0.0398i	0.1821−0.2065i	0.3151−0.0489i	0.1288−0.0688i	0.1645−0.0449i	0.1362−0.0500i	0.2371−0.0875i	0.2429−0.0979i
60.5	0.2635+0.0411i	0.1939−0.2162i	0.3221−0.0451i	0.1283−0.0608i	0.1699−0.0454i	0.1399−0.0523i	0.2465−0.0880i	0.2468−0.1030i
60.6	0.2737+0.0553i	0.2056−0.2242i	0.3294−0.0538i	0.1359−0.0575i	0.1782−0.0456i	0.1472−0.0531i	0.2601−0.0885i	0.2567−0.1081i
60.7	0.2775+0.0697i	0.1995−0.2331i	0.3514−0.0435i	0.1438−0.0542i	0.1829−0.0520i	0.1507−0.0593i	0.2691−0.1000i	0.2620−0.1197i
60.8	0.2819+0.0756i	0.2021−0.2357i	0.3632−0.0447i	0.1420−0.0581i	0.1832−0.0581i	0.1512−0.0662i	0.2710−0.1106i	0.2583−0.1277i
60.9	0.2858+0.0730i	0.2025−0.2436i	0.3644−0.0530i	0.1421−0.0553i	0.1868−0.0630i	0.1544−0.0710i	0.2761−0.1186i	0.2629−0.1377i
61.0	0.2962+0.0700i	0.2031−0.2434i	0.3758−0.0531i	0.1462−0.0502i	0.1924−0.0684i	0.1576−0.0767i	0.2812−0.1286i	0.2721−0.1469i
61.1	0.3236+0.0641i	0.2122−0.2416i	0.3880−0.0512i	0.1470−0.0559i	0.1962−0.0767i	0.1605−0.0851i	0.2827−0.1439i	0.2787−0.1626i
61.2	0.3318+0.0712i	0.2043−0.2478i	0.3905−0.0501i	0.1407−0.0542i	0.1946−0.0839i	0.1579−0.0931i	0.2782−0.1556i	0.2775−0.1739i
61.3	0.3302+0.0704i	0.2053−0.2525i	0.4160−0.0596i	0.1432−0.0536i	0.2018−0.0918i	0.1633−0.1002i	0.2871−0.1661i	0.2890−0.1860i
61.4	0.3318+0.0537i	0.2054−0.2527i	0.4154−0.0711i	0.1546−0.0512i	0.2041−0.0983i	0.1637−0.1050i	0.2872−0.1741i	0.2908−0.1949i
61.5	0.3314+0.0674i	0.2087−0.2641i	0.4214−0.0800i	0.1419−0.0450i	0.1985−0.1013i	0.1593−0.1080i	0.2779−0.1783i	0.2817−0.2039i
61.6	0.3371+0.0751i	0.2069−0.2672i	0.4299−0.0790i	0.1315−0.0510i	0.1952−0.1112i	0.1561−0.1171i	0.2722−0.1918i	0.2748−0.2195i
61.7	0.3447+0.0710i	0.2145−0.2773i	0.4449−0.0881i	0.1385−0.0482i	0.1970−0.1162i	0.1578−0.1202i	0.2734−0.1969i	0.2768−0.2262i
61.8	0.3406+0.0651i	0.2125−0.2759i	0.4522−0.0994i	0.1378−0.0492i	0.1931−0.1230i	0.1539−0.1257i	0.2651−0.2042i	0.2739−0.2358i
61.9	0.3432+0.0729i	0.2038−0.2820i	0.4505−0.1120i	0.1231−0.0430i	0.1882−0.1274i	0.1486−0.1315i	0.2571−0.2104i	0.2641−0.2477i
62.0	0.3445+0.0817i	0.2028−0.2760i	0.4463−0.1070i	0.1289−0.0447i	0.1885−0.1295i	0.1477−0.1335i	0.2567−0.2107i	0.2614−0.2539i
62.1	0.3480+0.0744i	0.1970−0.2840i	0.4522−0.1172i	0.1416−0.0463i	0.1869−0.1353i	0.1464−0.1360i	0.2553−0.2143i	0.2579−0.2648i
62.2	0.3439+0.0652i	0.1985−0.2823i	0.4628−0.1218i	0.1280−0.0463i	0.1826−0.1386i	0.1418−0.1372i	0.2479−0.2164i	0.2517−0.2696i
62.3	0.3451+0.0687i	0.2140−0.2813i	0.4753−0.1256i	0.1219−0.0338i	0.1816−0.1424i	0.1397−0.1409i	0.2475−0.2190i	0.2453−0.2759i

62.4	0.3430+0.0738i	0.2124-0.2813i	0.4700-0.1273i	0.1175-0.0415i	0.1786-0.1431i	0.1372-0.1425i	0.2446-0.2197i	0.2400-0.2833i
62.5	0.3426+0.0829i	0.2124-0.2936i	0.4747-0.1428i	0.1151-0.0336i	0.1783-0.1396i	0.1370-0.1404i	0.2436-0.2139i	0.2398-0.2785i
62.6	0.3390+0.0739i	0.2259-0.2991i	0.4848-0.1508i	0.1149-0.0193i	0.1763-0.1378i	0.1346-0.1376i	0.2414-0.2084i	0.2372-0.2773i
62.7	0.3355+0.0817i	0.2274-0.3097i	0.4895-0.1601i	0.1115-0.0307i	0.1782-0.1427i	0.1371-0.1410i	0.2477-0.2136i	0.2386-0.2879i
62.8	0.3388+0.0893i	0.2340-0.3210i	0.4943-0.1765i	0.1044-0.0307i	0.1825-0.1435i	0.1399-0.1411i	0.2554-0.2119i	0.2437-0.2920i
62.9	0.3368+0.1020i	0.2320-0.3198i	0.4939-0.1960i	0.1035-0.0019i	0.1794-0.1430i	0.1365-0.1392i	0.2535-0.2086i	0.2359-0.2896i
63.0	0.3255+0.1033i	0.2258-0.3239i	0.5025-0.2145i	0.1001-0.0081i	0.1830-0.1456i	0.1405-0.1402i	0.2608-0.2104i	0.2391-0.2960i
63.1	0.3242+0.0974i	0.2272-0.3497i	0.5099-0.2318i	0.0917+0.0008i	0.1891-0.1465i	0.1477-0.1419i	0.2738-0.2103i	0.2461-0.3007i
63.2	0.3295+0.0993i	0.2367-0.3652i	0.5060-0.2421i	0.1027+0.0164i	0.1939-0.1458i	0.1519-0.1407i	0.2830-0.2085i	0.2513-0.3004i
63.3	0.3245+0.1157i	0.2426-0.3643i	0.4937-0.2547i	0.1029+0.0128i	0.1986-0.1483i	0.1558-0.1429i	0.2937-0.2108i	0.2537-0.3049i
63.4	0.3088+0.1281i	0.2489-0.3614i	0.4850-0.2571i	0.0979+0.0157i	0.1981-0.1498i	0.1576-0.1440i	0.2969-0.2137i	0.2519-0.3047i
63.5	0.2976+0.1366i	0.2388-0.3810i	0.4705-0.2796i	0.1084+0.0192i	0.2058-0.1534i	0.1661-0.1459i	0.3140-0.2193i	0.2658-0.3130i
63.6	0.3017+0.1396i	0.2239-0.4119i	0.4623-0.2856i	0.0971+0.0204i	0.2143-0.1638i	0.1741-0.1551i	0.3320-0.2342i	0.2745-0.3323i
63.7	0.2986+0.1449i	0.2126-0.4262i	0.4479-0.2833i	0.0936+0.0266i	0.2170-0.1701i	0.1777-0.1633i	0.3393-0.2477i	0.2758-0.3466i
63.8	0.2909+0.1657i	0.2276-0.4267i	0.4527-0.2734i	0.0861+0.0314i	0.2213-0.1749i	0.1810-0.1680i	0.3463-0.2568i	0.2809-0.3539i
63.9	0.2788+0.1950i	0.2307-0.4426i	0.4437-0.2721i	0.0783+0.0333i	0.2290-0.1823i	0.1882-0.1741i	0.3598-0.2680i	0.2895-0.3649i
64.0	0.2767+0.2191i	0.2275-0.4573i	0.4326-0.2801i	0.0774+0.0423i	0.2354-0.1869i	0.1959-0.1805i	0.3719-0.2755i	0.2975-0.3762i
64.1	0.2867+0.2318i	0.2233-0.4774i	0.4403-0.2829i	0.0789+0.0616i	0.2441-0.1989i	0.2040-0.1928i	0.3879-0.2950i	0.3066-0.3998i
64.2	0.2833+0.2481i	0.2169-0.4856i	0.4454-0.2854i	0.0778+0.0825i	0.2464-0.2118i	0.2058-0.2046i	0.3958-0.3168i	0.3082-0.4235i
64.3	0.2915+0.2866i	0.2015-0.4767i	0.4505-0.2775i	0.0692+0.0980i	0.2429-0.2254i	0.2018-0.2200i	0.3903-0.3409i	0.2985-0.4452i
64.4	0.2934+0.3058i	0.2078-0.5018i	0.4378-0.2709i	0.0697+0.0895i	0.2518-0.2326i	0.2110-0.2267i	0.4077-0.3513i	0.3115-0.4591i
64.5	0.2980+0.3353i	0.2009-0.5274i	0.4428-0.2922i	0.0662+0.1103i	0.2598-0.2497i	0.2181-0.2430i	0.4204-0.3787i	0.3173-0.4923i
64.6	0.2986+0.3648i	0.1979-0.5306i	0.4509-0.2900i	0.0668+0.1256i	0.2612-0.2625i	0.2206-0.2554i	0.4252-0.3975i	0.3156-0.5088i
64.7	0.2965+0.3924i	0.1858-0.5469i	0.4521-0.2723i	0.0523+0.1230i	0.2668-0.2822i	0.2252-0.2771i	0.4356-0.4320i	0.3210-0.5439i
64.8	0.3304+0.4218i	0.1609-0.5624i	0.4810-0.2939i	0.0508+0.1657i	0.2572-0.3060i	0.2150-0.3010i	0.4235-0.4735i	0.2956-0.5851i
64.9	0.3558+0.4542i	0.1440-0.5692i	0.4861-0.3030i	0.0542+0.1809i	0.2550-0.3224i	0.2130-0.3151i	0.4221-0.5003i	0.2863-0.6113i
65.0	0.3713+0.4843i	0.1507-0.5880i	0.4749-0.3118i	0.0689+0.1935i	0.2620-0.3422i	0.2176-0.3331i	0.4367-0.5298i	0.2898-0.6448i
65.1	0.4099+0.5172i	0.1250-0.6039i	0.4671-0.3316i	0.0803+0.2228i	0.2529-0.3653i	0.2071-0.3541i	0.4229-0.5680i	0.2634-0.6795i
65.2	0.4439+0.5273i	0.1046-0.6128i	0.4903-0.3487i	0.0830+0.2547i	0.2379-0.3858i	0.1918-0.3749i	0.3982-0.6028i	0.2322-0.7049i
65.3	0.4788+0.5518i	0.0908-0.6335i	0.5021-0.3709i	0.0979+0.2706i	0.2247-0.4076i	0.1792-0.3973i	0.3810-0.6401i	0.2052-0.7372i
65.4	0.5003+0.5691i	0.0742-0.6658i	0.4991-0.3786i	0.1052+0.2883i	0.2165-0.4263i	0.1713-0.4166i	0.3698-0.6726i	0.1830-0.7706i
65.5	0.5143+0.5921i	0.0427-0.6792i	0.4747-0.3902i	0.1285+0.2904i	0.2074-0.4434i	0.1616-0.4324i	0.3557-0.7034i	0.1578-0.7964i
65.6	0.5458+0.5861i	0.0273-0.6772i	0.4506-0.4099i	0.1778+0.3137i	0.1913-0.4510i	0.1442-0.4392i	0.3325-0.7172i	0.1289-0.8013i
65.7	0.6100+0.5901i	0.0005-0.6746i	0.4448-0.4325i	0.2053+0.3483i	0.1586-0.4647i	0.1134-0.4529i	0.2810-0.7414i	0.0727-0.8158i
65.8	0.6682+0.6193i	-0.0487-0.7014i	0.4287-0.4513i	0.2175+0.3603i	0.1314-0.4920i	0.0872-0.4777i	0.2416-0.7915i	0.0166-0.8547i
65.9	0.6943+0.6179i	-0.0751-0.6983i	0.4019-0.4633i	0.2526+0.3417i	0.1175-0.5020i	0.0722-0.4834i	0.2198-0.8042i	-0.0109-0.8647i
66.0	0.7300+0.6112i	-0.1117-0.6977i	0.3723-0.4565i	0.2871+0.3425i	0.0943-0.5120i	0.0495-0.4937i	0.1872-0.8198i	-0.0528-0.8749i
66.1	0.8068+0.5926i	-0.1567-0.6963i	0.3420-0.4825i	0.3150+0.3608i	0.0566-0.5133i	0.0134-0.4955i	0.1284-0.8294i	-0.1158-0.8687i
66.2	0.8526+0.5861i	-0.1832-0.6940i	0.3228-0.4880i	0.3399+0.3639i	0.0357-0.5195i	-0.0097-0.5000i	0.0917-0.8421i	-0.1550-0.8674i
66.3	0.8845+0.5738i	-0.1959-0.6751i	0.3023-0.4666i	0.3721+0.3567i	0.0126-0.5161i	-0.0314-0.4943i	0.0528-0.8390i	-0.1906-0.8496i
66.4	0.9293+0.5652i	-0.2220-0.6311i	0.3017-0.4546i	0.3969+0.3544i	-0.0264-0.5119i	-0.0704-0.4899i	-0.0095-0.8363i	-0.2537-0.8307i
66.5	0.9722+0.5442i	-0.2654-0.6415i	0.2710-0.4445i	0.4268+0.3344i	-0.0505-0.5196i	-0.0915-0.4980i	-0.0436-0.8527i	-0.2980-0.8418i
66.6	0.9992+0.5407i	-0.3112-0.6267i	0.2522-0.4393i	0.4315+0.3123i	-0.0747-0.5297i	-0.1136-0.5055i	-0.0791-0.8701i	-0.3466-0.8513i
66.7	1.0354+0.5263i	-0.3335-0.6004i	0.2509-0.4236i	0.4607+0.2992i	-0.0986-0.5170i	-0.1382-0.4937i	-0.1175-0.8533i	-0.3890-0.8242i
66.8	1.0690+0.4986i	-0.3406-0.5770i	0.2352-0.3976i	0.4765+0.2826i	-0.1180-0.5015i	-0.1567-0.4789i	-0.1488-0.8331i	-0.4193-0.7913i
66.9	1.1006+0.4593i	-0.3610-0.5510i	0.2180-0.3882i	0.5013+0.2785i	-0.1421-0.4899i	-0.1782-0.4645i	-0.1873-0.8176i	-0.4555-0.7596i
67.0	1.1294+0.4195i	-0.3724-0.5177i	0.2257-0.3763i	0.5345+0.2673i	-0.1654-0.4640i	-0.2002-0.4392i	-0.2276-0.7818i	-0.4864-0.7044i
67.1	1.1487+0.3977i	-0.3830-0.4936i	0.2213-0.3636i	0.5349+0.2581i	-0.1810-0.4524i	-0.2155-0.4283i	-0.2548-0.7691i	-0.5076-0.6749i
67.2	1.1784+0.3967i	-0.4179-0.4847i	0.2256-0.3486i	0.5149+0.2357i	-0.1920-0.4500i	-0.2275-0.4269i	-0.2759-0.7697i	-0.5292-0.6691i
67.3	1.1976+0.3623i	-0.4200-0.4661i	0.2278-0.3423i	0.5346+0.2153i	-0.2043-0.4327i	-0.2399-0.4087i	-0.2967-0.7448i	-0.5456-0.6370i
67.4	1.2058+0.3354i	-0.4162-0.4488i	0.2165-0.3387i	0.5442+0.1918i	-0.2150-0.4184i	-0.2482-0.3934i	-0.3151-0.7207i	-0.5574-0.6085i
67.5	1.2090+0.3077i	-0.4083-0.4393i	0.2050-0.3282i	0.5491+0.1762i	-0.2209-0.4025i	-0.2533-0.3777i	-0.3272-0.6952i	-0.5635-0.5780i
67.6	1.2417+0.2678i	-0.4152-0.3866i	0.2159-0.3034i	0.5543+0.1811i	-0.2393-0.3817i	-0.2715-0.3573i	-0.3595-0.6647i	-0.5887-0.5382i
67.7	1.2613+0.2196i	-0.4255-0.3542i	0.2357-0.3097i	0.5742+0.1713i	-0.2512-0.3573i	-0.2825-0.3349i	-0.3811-0.6294i	-0.6042-0.4945i
67.8	1.2598+0.2051i	-0.4156-0.3465i	0.2293-0.2929i	0.5859+0.1596i	-0.2521-0.3443i	-0.2824-0.3230i	-0.3819-0.6111i	-0.6024-0.4686i
67.9	1.2693+0.1966i	-0.4335-0.3416i	0.2363-0.2857i	0.5759+0.1475i	-0.2556-0.3391i	-0.2854-0.3172i	-0.3881-0.6049i	-0.6075-0.4551i
68.0	1.2540+0.1827i	-0.4144-0.3237i	0.2416-0.2846i	0.5749+0.1247i	-0.2507-0.3228i	-0.2806-0.3013i	-0.3814-0.5800i	-0.5945-0.4276i
68.1	1.2624+0.1489i	-0.3961-0.3024i	0.2342-0.2801i	0.5887+0.1218i	-0.2600-0.3044i	-0.2905-0.2838i	-0.3995-0.5550i	-0.6077-0.3927i
68.2	1.2752+0.1057i	-0.3958-0.2781i	0.2335-0.2784i	0.5971+0.1089i	-0.2648-0.2855i	-0.2945-0.2656i	-0.4119-0.5225i	-0.6080-0.3561i
68.3	1.2949+0.1031i	-0.4118-0.2639i	0.2450-0.2666i	0.6023+0.1079i	-0.2692-0.2832i	-0.2984-0.2627i	-0.4200-0.5187i	-0.6155-0.3489i
68.4	1.3036+0.0832i	-0.4009-0.2480i	0.2522-0.2606i	0.6016+0.1038i	-0.2704-0.2724i	-0.3004-0.2506i	-0.4252-0.5020i	-0.6163-0.3255i
68.5	1.3266+0.0544i	-0.3965-0.2254i	0.2538-0.2481i	0.6146+0.1017i	-0.2749-0.2570i	-0.3057-0.2362i	-0.4340-0.4795i	-0.6222-0.2973i
68.6	1.3490+0.0285i	-0.3952-0.2019i	0.2554-0.2516i	0.6303+0.0899i	-0.2829-0.2456i	-0.3123-0.2271i	-0.4491-0.4646i	-0.6284-0.2767i

68.7	1.3515+0.0197i	-0.3838-0.2094i	0.2682-0.2573i	0.6324+0.0807i	-0.2813-0.2364i	-0.3103-0.2193i	-0.4475-0.4546i	-0.6200-0.2618i
68.8	1.3330-0.0156i	-0.3723-0.1935i	0.2870-0.2551i	0.6368+0.0602i	-0.2776-0.2201i	-0.3066-0.2008i	-0.4444-0.4270i	-0.6067-0.2329i
68.9	1.3312-0.0409i	-0.3749-0.1903i	0.2819-0.2565i	0.6397+0.0539i	-0.2747-0.2089i	-0.3030-0.1908i	-0.4413-0.4119i	-0.5998-0.2138i
69.0	1.3561-0.0487i	-0.3714-0.1725i	0.2839-0.2526i	0.6553+0.0599i	-0.2769-0.2010i	-0.3055-0.1838i	-0.4479-0.3992i	-0.6032-0.1950i
69.1	1.3756-0.0774i	-0.3654-0.1602i	0.2951-0.2490i	0.6745+0.0471i	-0.2804-0.1869i	-0.3106-0.1695i	-0.4570-0.3768i	-0.6058-0.1695i
69.2	1.3809-0.0966i	-0.3712-0.1523i	0.2901-0.2562i	0.6750+0.0287i	-0.2807-0.1783i	-0.3102-0.1612i	-0.4566-0.3646i	-0.6044-0.1563i
69.3	1.3651-0.1230i	-0.3554-0.1467i	0.2989-0.2619i	0.6702+0.0180i	-0.2760-0.1663i	-0.3039-0.1506i	-0.4505-0.3447i	-0.5915-0.1384i
69.4	1.3682-0.1383i	-0.3471-0.1370i	0.3091-0.2564i	0.6893+0.0050i	-0.2695-0.1557i	-0.2989-0.1402i	-0.4426-0.3276i	-0.5766-0.1215i
69.5	1.3653-0.1554i	-0.3368-0.1337i	0.3236-0.2492i	0.6955-0.0124i	-0.2619-0.1463i	-0.2938-0.1297i	-0.4312-0.3145i	-0.5621-0.1049i
69.6	1.3388-0.1917i	-0.3134-0.1314i	0.3062-0.2561i	0.6967-0.0452i	-0.2525-0.1337i	-0.2856-0.1169i	-0.4211-0.2926i	-0.5429-0.0838i
69.7	1.3799-0.1844i	-0.3310-0.1406i	0.3362-0.2395i	0.6867-0.0232i	-0.2562-0.1362i	-0.2865-0.1178i	-0.4252-0.2967i	-0.5493-0.0814i
69.8	1.3860-0.2195i	-0.3304-0.1346i	0.3389-0.2393i	0.6873-0.0411i	-0.2598-0.1304i	-0.2902-0.1105i	-0.4340-0.2888i	-0.5519-0.0668i
69.9	1.4016-0.2456i	-0.3304-0.1107i	0.3478-0.2428i	0.6926-0.0385i	-0.2628-0.1185i	-0.2937-0.1012i	-0.4417-0.2734i	-0.5525-0.0443i
70.0	1.4254-0.2552i	-0.3320-0.1102i	0.3576-0.2445i	0.7081-0.0506i	-0.2599-0.1148i	-0.2921-0.0968i	-0.4391-0.2725i	-0.5512-0.0348i
70.1	1.4400-0.2851i	-0.3164-0.0882i	0.3830-0.2598i	0.7277-0.0796i	-0.2581-0.1031i	-0.2917-0.0845i	-0.4433-0.2552i	-0.5436-0.0106i
70.2	1.4535-0.2989i	-0.3159-0.0981i	0.3943-0.2709i	0.7248-0.0836i	-0.2545-0.0985i	-0.2882-0.0816i	-0.4384-0.2482i	-0.5359-0.0021i
70.3	1.4579-0.3202i	-0.3153-0.0924i	0.3919-0.2712i	0.7218-0.0875i	-0.2509-0.0926i	-0.2839-0.0767i	-0.4359-0.2398i	-0.5245+0.0073i
70.4	1.4604-0.3874i	-0.3185-0.0667i	0.4022-0.2912i	0.7131-0.1159i	-0.2526-0.0796i	-0.2854-0.0611i	-0.4470-0.2159i	-0.5161+0.0333i
70.5	1.4850-0.3966i	-0.3342-0.0672i	0.4154-0.2890i	0.7173-0.1107i	-0.2562-0.0791i	-0.2886-0.0605i	-0.4549-0.2156i	-0.5193+0.0353i
70.6	1.4876-0.3721i	-0.3468-0.0790i	0.4163-0.2760i	0.7187-0.1091i	-0.2530-0.0826i	-0.2859-0.0664i	-0.4518-0.2257i	-0.5198+0.0280i
70.7	1.4768-0.4082i	-0.3407-0.0611i	0.4302-0.2847i	0.7137-0.1168i	-0.2471-0.0707i	-0.2814-0.0550i	-0.4471-0.2065i	-0.5029+0.0455i
70.8	1.4687-0.4217i	-0.3242-0.0652i	0.4232-0.2857i	0.7086-0.1424i	-0.2382-0.0700i	-0.2725-0.0501i	-0.4331-0.2037i	-0.4852+0.0533i
70.9	1.5104-0.4451i	-0.3228-0.0467i	0.4338-0.2902i	0.7284-0.1437i	-0.2392-0.0616i	-0.2733-0.0426i	-0.4375-0.1917i	-0.4849+0.0654i
71.0	1.5157-0.4971i	-0.3222-0.0301i	0.4478-0.3145i	0.7236-0.1485i	-0.2390-0.0514i	-0.2734-0.0349i	-0.4390-0.1760i	-0.4787+0.0827i
71.1	1.4793-0.5275i	-0.3205-0.0324i	0.4352-0.3256i	0.7163-0.1678i	-0.2319-0.0486i	-0.2666-0.0297i	-0.4308-0.1689i	-0.4666+0.0909i
71.2	1.5081-0.5696i	-0.3365+0.0031i	0.4472-0.3386i	0.7307-0.1703i	-0.2388-0.0367i	-0.2736-0.0182i	-0.4479-0.1513i	-0.4750+0.1095i
71.3	1.5012-0.6008i	-0.3234+0.0021i	0.4489-0.3616i	0.7470-0.1954i	-0.2312-0.0301i	-0.2656-0.0121i	-0.4366-0.1457i	-0.4580+0.1212i
71.4	1.5331-0.6366i	-0.3262+0.0202i	0.4802-0.3839i	0.7638-0.2042i	-0.2297-0.0234i	-0.2643-0.0042i	-0.4402-0.1378i	-0.4522+0.1407i
71.5	1.5175-0.6541i	-0.3193+0.0141i	0.4690-0.3841i	0.7466-0.2151i	-0.2229-0.0214i	-0.2577-0.0002i	-0.4337-0.1327i	-0.4372+0.1490i
71.6	1.5163-0.7032i	-0.3224+0.0357i	0.4710-0.3767i	0.7596-0.2241i	-0.2221-0.0106i	-0.2578+0.0102i	-0.4408-0.1165i	-0.4302+0.1669i
71.7	1.5327-0.7894i	-0.3050+0.0701i	0.4798-0.4074i	0.7842-0.2631i	-0.2208+0.0036i	-0.2576+0.0244i	-0.4485-0.0941i	-0.4170+0.1982i
71.8	1.5255-0.7991i	-0.3027+0.0745i	0.4852-0.4256i	0.7724-0.2730i	-0.2157+0.0052i	-0.2528+0.0264i	-0.4484-0.0909i	-0.4007+0.2026i
71.9	1.4773-0.7880i	-0.2942+0.0503i	0.4666-0.4222i	0.7485-0.2725i	-0.2049+0.0017i	-0.2422+0.0239i	-0.4367-0.0939i	-0.3794+0.1946i
72.0	1.4360-0.8234i	-0.2724+0.0345i	0.4473-0.4437i	0.7320-0.2989i	-0.1921+0.0052i	-0.2271+0.0288i	-0.4177-0.0819i	-0.3517+0.1934i
72.1	1.4904-0.9425i	-0.2760+0.0927i	0.4820-0.4665i	0.7611-0.3312i	-0.2009+0.0219i	-0.2366+0.0468i	-0.4454-0.0500i	-0.3525+0.2284i
72.2	1.5198-0.9943i	-0.3015+0.1108i	0.4932-0.4824i	0.7824-0.3443i	-0.2023+0.0265i	-0.2392+0.0520i	-0.4608-0.0378i	-0.3463+0.2395i
72.3	1.5075-1.0123i	-0.2800+0.1133i	0.4923-0.5043i	0.7768-0.3573i	-0.1907+0.0274i	-0.2285+0.0519i	-0.4474-0.0307i	-0.3270+0.2339i
72.4	1.4609-1.0591i	-0.2578+0.1146i	0.4850-0.5026i	0.7661-0.3855i	-0.1797+0.0353i	-0.2185+0.0610i	-0.4332-0.0097i	-0.3008+0.2398i
72.5	1.4202-1.1000i	-0.2472+0.1190i	0.4623-0.5231i	0.7559-0.4136i	-0.1735+0.0391i	-0.2114+0.0657i	-0.4240+0.0040i	-0.2831+0.2408i
72.6	1.4274-1.1291i	-0.2577+0.1671i	0.4644-0.5245i	0.7528-0.4081i	-0.1732+0.0462i	-0.2103+0.0723i	-0.4306+0.0218i	-0.2751+0.2459i
72.7	1.4605-1.2296i	-0.2523+0.2094i	0.4818-0.5506i	0.7717-0.4454i	-0.1732+0.0581i	-0.2110+0.0853i	-0.4426+0.0524i	-0.2660+0.2640i
72.8	1.4197-1.2783i	-0.2445+0.1968i	0.4694-0.5580i	0.7534-0.4749i	-0.1622+0.0618i	-0.2003+0.0880i	-0.4270+0.0692i	-0.2442+0.2637i
72.9	1.3537-1.2772i	-0.2101+0.1847i	0.4584-0.5587i	0.7267-0.4883i	-0.1482+0.0585i	-0.1873+0.0853i	-0.4007+0.0713i	-0.2192+0.2509i
73.0	1.3282-1.2715i	-0.2123+0.1894i	0.4452-0.5527i	0.7243-0.4920i	-0.1423+0.0564i	-0.1797+0.0820i	-0.3911+0.0714i	-0.2104+0.2410i
73.1	1.2656-1.3704i	-0.1766+0.2230i	0.4301-0.5893i	0.7212-0.5418i	-0.1314+0.0665i	-0.1685+0.0949i	-0.3748+0.1054i	-0.1860+0.2461i
73.2	1.2264-1.3869i	-0.1536+0.2064i	0.4338-0.6024i	0.7114-0.5664i	-0.1208+0.0650i	-0.1590+0.0947i	-0.3500+0.1088i	-0.1694+0.2359i
73.3	1.1901-1.4280i	-0.1527+0.2147i	0.4307-0.6248i	0.6790-0.5764i	-0.1133+0.0654i	-0.1506+0.0950i	-0.3353+0.1187i	-0.1623+0.2295i
73.4	1.1225-1.4741i	-0.1281+0.2154i	0.4076-0.6400i	0.6471-0.5964i	-0.1047+0.0652i	-0.1412+0.0981i	-0.3161+0.1339i	-0.1455+0.2255i
73.5	1.0544-1.4799i	-0.1062+0.1972i	0.3819-0.6454i	0.6267-0.6208i	-0.0935+0.0610i	-0.1293+0.0951i	-0.2896+0.1346i	-0.1258+0.2162i
73.6	1.0714-1.4996i	-0.1268+0.2064i	0.3946-0.6521i	0.6299-0.6191i	-0.0922+0.0598i	-0.1300+0.0937i	-0.2896+0.1328i	-0.1273+0.2174i
73.7	1.0039-1.5766i	-0.0704+0.2467i	0.4003-0.6847i	0.5901-0.6526i	-0.0813+0.0644i	-0.1175+0.0994i	-0.2678+0.1520i	-0.1065+0.2203i
73.8	0.9152-1.6207i	-0.0127+0.2423i	0.3759-0.6972i	0.5721-0.6831i	-0.0702+0.0659i	-0.1046+0.1015i	-0.2430+0.1616i	-0.0848+0.2150i
73.9	0.8516-1.6016i	-0.0016+0.2188i	0.3478-0.6884i	0.5463-0.6861i	-0.0648+0.0606i	-0.0976+0.0974i	-0.2248+0.1558i	-0.0740+0.1996i
74.0	0.8131-1.6027i	-0.0196+0.2106i	0.3309-0.7134i	0.5257-0.6966i	-0.0602+0.0548i	-0.0945+0.0923i	-0.2170+0.1479i	-0.0706+0.1910i
74.1	0.6714-1.5834i	0.0117+0.1724i	0.2940-0.7410i	0.4805-0.6988i	-0.0471+0.0454i	-0.0799+0.0866i	-0.1831+0.1396i	-0.0568+0.1701i
74.2	0.6237-1.6561i	0.0445+0.2184i	0.2881-0.7525i	0.4695-0.7028i	-0.0427+0.0525i	-0.0761+0.0949i	-0.1754+0.1636i	-0.0445+0.1751i
74.3	0.5312-1.5811i	0.0515+0.1697i	0.2265-0.7374i	0.4135-0.6995i	-0.0358+0.0401i	-0.0651+0.0816i	-0.1477+0.1419i	-0.0393+0.1501i
74.4	0.4928-1.5987i	0.0423+0.1644i	0.1958-0.7413i	0.3890-0.7184i	-0.0348+0.0382i	-0.0615+0.0780i	-0.1396+0.1388i	-0.0360+0.1457i
74.5	0.4470-1.5959i	0.0589+0.1513i	0.1943-0.7560i	0.3751-0.7010i	-0.0333+0.0326i	-0.0565+0.0739i	-0.1263+0.1325i	-0.0371+0.1376i
74.6	0.3644-1.5819i	0.0864+0.1370i	0.1676-0.7774i	0.3435-0.6931i	-0.0270+0.0278i	-0.0500+0.0691i	-0.1065+0.1273i	-0.0366+0.1266i
74.7	0.3761-1.5538i	0.0739+0.1485i	0.1722-0.7507i	0.3365-0.6690i	-0.0272+0.0260i	-0.0518+0.0666i	-0.1098+0.1220i	-0.0382+0.1191i
74.8	0.3324-1.5512i	0.0837+0.1410i	0.1571-0.7653i	0.3175-0.6835i	-0.0272+0.0194i	-0.0505+0.0623i	-0.0997+0.1123i	-0.0400+0.1113i
74.9	0.3012-1.5043i	0.0855+0.1369i	0.1281-0.7500i	0.2989-0.6638i	-0.0255+0.0133i	-0.0482+0.0556i	-0.0904+0.1024i	-0.0432+0.1011i

75.0	0.2533−1.4936i	0.0936+0.1460i	0.0991−0.7437i	0.2793−0.6536i	−0.0250+0.0116i	−0.0471+0.0537i	−0.0838+0.0970i	−0.0447+0.0986i
75.1	0.1348−1.5035i	0.1189+0.1132i	0.0419−0.7667i	0.2606−0.6787i	−0.0233+0.0059i	−0.0407+0.0493i	−0.0635+0.0848i	−0.0423+0.0964i
75.2	0.1417−1.3863i	0.0814+0.0638i	0.0327−0.7180i	0.2386−0.6331i	−0.0232−0.0024i	−0.0388+0.0392i	−0.0586+0.0587i	−0.0456+0.0882i
75.3	0.1162−1.3327i	0.0663+0.0463i	−0.0058−0.6946i	0.2113−0.6224i	−0.0239−0.0054i	−0.0381+0.0353i	−0.0564+0.0473i	−0.0498+0.0823i
75.4	0.0252−1.3856i	0.1237+0.0525i	−0.0235−0.7376i	0.2046−0.6458i	−0.0198−0.0059i	−0.0344+0.0366i	−0.0401+0.0488i	−0.0468+0.0772i
75.5	−0.0081−1.3657i	0.1383+0.0418i	−0.0319−0.7319i	0.1938−0.6313i	−0.0188−0.0098i	−0.0332+0.0332i	−0.0362+0.0370i	−0.0458+0.0777i
75.6	0.0205−1.3183i	0.1317+0.0226i	−0.0126−0.7063i	0.2059−0.6004i	−0.0211−0.0153i	−0.0351+0.0268i	−0.0380+0.0209i	−0.0511+0.0720i
75.7	−0.0100−1.2926i	0.1475+0.0232i	−0.0184−0.7092i	0.1897−0.5985i	−0.0215−0.0173i	−0.0321+0.0237i	−0.0329+0.0158i	−0.0540+0.0685i
75.8	−0.1396−1.2064i	0.1731−0.0172i	−0.0983−0.6822i	0.1339−0.5924i	−0.0196−0.0183i	−0.0282+0.0229i	−0.0229+0.0033i	−0.0443+0.0706i
75.9	−0.1498−1.1511i	0.1383−0.0196i	−0.1311−0.6494i	0.1195−0.5755i	−0.0228−0.0213i	−0.0309+0.0180i	−0.0265−0.0107i	−0.0495+0.0724i
76.0	−0.1197−1.1408i	0.1274+0.0083i	−0.1157−0.6204i	0.1320−0.5543i	−0.0246−0.0205i	−0.0336+0.0157i	−0.0330−0.0124i	−0.0519+0.0709i
76.1	−0.1558−1.0789i	0.1328−0.0114i	−0.1344−0.5889i	0.1248−0.5371i	−0.0250−0.0213i	−0.0328+0.0129i	−0.0326−0.0224i	−0.0458+0.0724i
76.2	−0.2335−1.0834i	0.1643−0.0295i	−0.1685−0.6047i	0.1000−0.5506i	−0.0267−0.0236i	−0.0323+0.0126i	−0.0285−0.0295i	−0.0451+0.0765i
76.3	−0.1960−1.0601i	0.1369−0.0177i	−0.1608−0.5794i	0.1015−0.5308i	−0.0287−0.0252i	−0.0344+0.0107i	−0.0396−0.0359i	−0.0431+0.0731i
76.4	−0.1909−0.9755i	0.1274−0.0553i	−0.1603−0.5375i	0.0845−0.4965i	−0.0293−0.0255i	−0.0349+0.0079i	−0.0460−0.0459i	−0.0400+0.0695i
76.5	−0.2142−0.9152i	0.1360−0.0885i	−0.1690−0.5215i	0.0711−0.4919i	−0.0291−0.0265i	−0.0333+0.0059i	−0.0471−0.0559i	−0.0354+0.0692i
76.6	−0.2237−0.9097i	0.1402−0.0766i	−0.1727−0.5043i	0.0696−0.4977i	−0.0306−0.0261i	−0.0341+0.0055i	−0.0517−0.0570i	−0.0347+0.0668i
76.7	−0.1720−0.8907i	0.1207−0.0725i	−0.1626−0.4814i	0.1009−0.4866i	−0.0305−0.0282i	−0.0369+0.0013i	−0.0589−0.0593i	−0.0349+0.0644i
76.8	−0.1322−0.8408i	0.0947−0.0595i	−0.1523−0.4587i	0.0927−0.4706i	−0.0320−0.0300i	−0.0386−0.0000i	−0.0675−0.0625i	−0.0296+0.0592i
76.9	−0.1471−0.7860i	0.0842−0.0588i	−0.1547−0.4356i	0.0853−0.4405i	−0.0334−0.0271i	−0.0387−0.0007i	−0.0677−0.0649i	−0.0292+0.0584i
77.0	−0.1875−0.7441i	0.1148−0.0829i	−0.1524−0.4180i	0.0836−0.4271i	−0.0324−0.0263i	−0.0370+0.0004i	−0.0676−0.0640i	−0.0243+0.0616i
77.1	−0.1915−0.7360i	0.1045−0.0731i	−0.1555−0.4000i	0.0580−0.4286i	−0.0339−0.0285i	−0.0390−0.0009i	−0.0760−0.0650i	−0.0227+0.0594i
77.2	−0.1661−0.7082i	0.0925−0.0586i	−0.1383−0.3861i	0.0638−0.4155i	−0.0325−0.0285i	−0.0390−0.0008i	−0.0794−0.0608i	−0.0201+0.0547i
77.3	−0.1367−0.6487i	0.0812−0.0817i	−0.1312−0.3600i	0.0809−0.3922i	−0.0294−0.0284i	−0.0363−0.0038i	−0.0764−0.0655i	−0.0191+0.0516i
77.4	−0.1087−0.6431i	0.0451−0.0814i	−0.1339−0.3652i	0.0863−0.3896i	−0.0329−0.0295i	−0.0377−0.0073i	−0.0835−0.0701i	−0.0260+0.0479i
77.5	−0.1260−0.6344i	0.0636−0.1052i	−0.1396−0.3668i	0.0888−0.3850i	−0.0348−0.0287i	−0.0402−0.0055i	−0.0851−0.0681i	−0.0240+0.0468i
77.6	−0.1525−0.5995i	0.0632−0.1183i	−0.1396−0.3256i	0.0740−0.3716i	−0.0327−0.0238i	−0.0374−0.0014i	−0.0814−0.0594i	−0.0130+0.0495i
77.7	−0.1168−0.5837i	0.0411−0.0898i	−0.1338−0.3119i	0.0720−0.3731i	−0.0339−0.0244i	−0.0380−0.0043i	−0.0854−0.0649i	−0.0181+0.0487i
77.8	−0.1016−0.5579i	0.0487−0.0979i	−0.1298−0.3153i	0.0821−0.3632i	−0.0326−0.0265i	−0.0382−0.0050i	−0.0844−0.0651i	−0.0181+0.0467i
77.9	−0.1009−0.5269i	0.0602−0.1279i	−0.1182−0.3149i	0.0782−0.3453i	−0.0296−0.0255i	−0.0365−0.0037i	−0.0814−0.0660i	−0.0134+0.0449i
78.0	−0.0772−0.5347i	0.0609−0.1251i	−0.1088−0.3042i	0.0984−0.3442i	−0.0295−0.0270i	−0.0361−0.0052i	−0.0846−0.0708i	−0.0137+0.0440i
78.1	−0.0288−0.5588i	0.0610−0.0801i	−0.0829−0.2817i	0.1061−0.3447i	−0.0297−0.0286i	−0.0371−0.0101i	−0.0889−0.0709i	−0.0176+0.0395i
78.2	−0.0101−0.5394i	0.0442−0.0817i	−0.0575−0.2752i	0.1105−0.3383i	−0.0293−0.0305i	−0.0379−0.0116i	−0.0906−0.0757i	−0.0194+0.0385i
78.3	0.0024−0.4738i	0.0225−0.1087i	−0.0562−0.2597i	0.1101−0.3232i	−0.0262−0.0307i	−0.0352−0.0146i	−0.0842−0.0804i	−0.0170+0.0358i
78.4	0.0043−0.4774i	0.0392−0.1014i	−0.0746−0.2642i	0.1060−0.3280i	−0.0296−0.0301i	−0.0365−0.0124i	−0.0877−0.0796i	−0.0155+0.0373i
78.5	0.0278−0.4692i	0.0368−0.0861i	−0.0537−0.2567i	0.1181−0.3125i	−0.0265−0.0312i	−0.0354−0.0117i	−0.0892−0.0818i	−0.0089+0.0358i
78.6	0.0356−0.4374i	0.0220−0.0856i	−0.0486−0.2485i	0.1140−0.3112i	−0.0253−0.0319i	−0.0348−0.0151i	−0.0911−0.0850i	−0.0107+0.0338i
78.7	0.0986−0.4161i	0.0043−0.1017i	−0.0089−0.2376i	0.1299−0.2831i	−0.0227−0.0356i	−0.0326−0.0202i	−0.0876−0.0947i	−0.0118+0.0244i
78.8	0.1443−0.4373i	0.0156−0.0909i	0.0184−0.2550i	0.1513−0.2881i	−0.0232−0.0401i	−0.0358−0.0243i	−0.0920−0.1040i	−0.0122+0.0211i
78.9	0.1397−0.4340i	0.0160−0.0904i	0.0159−0.2550i	0.1590−0.2995i	−0.0244−0.0420i	−0.0370−0.0262i	−0.1033−0.1058i	−0.0105+0.0192i
79.0	0.1494−0.4774i	0.0224−0.1050i	0.0275−0.2763i	0.1648−0.3104i	−0.0277−0.0410i	−0.0415−0.0255i	−0.1113−0.1050i	−0.0174+0.0212i
79.1	0.1772−0.5377i	0.0119−0.0791i	0.0285−0.2742i	0.1595−0.3206i	−0.0367−0.0414i	−0.0515−0.0247i	−0.1340−0.1015i	−0.0258+0.0231i
79.2	0.1603−0.5580i	−0.0175−0.0845i	0.0139−0.2943i	0.1553−0.3250i	−0.0431−0.0399i	−0.0560−0.0224i	−0.1513−0.0955i	−0.0210+0.0238i
79.3	0.0553−0.5359i	0.0138−0.0988i	−0.0329−0.2897i	0.1159−0.3450i	−0.0434−0.0270i	−0.0558−0.0089i	−0.1500−0.0662i	−0.0106+0.0368i
79.4	0.0297−0.4877i	0.0042−0.0977i	−0.0471−0.2540i	0.1051−0.3396i	−0.0391−0.0224i	−0.0503−0.0036i	−0.1417−0.0549i	−0.0028+0.0378i
79.5	0.0247−0.4441i	0.0016−0.0780i	−0.0478−0.2330i	0.1002−0.3147i	−0.0351−0.0197i	−0.0423−0.0038i	−0.1321−0.0479i	0.0013+0.0384i
79.6	0.0391−0.3966i	−0.0168−0.0810i	−0.0481−0.2192i	0.0902−0.2875i	−0.0286−0.0194i	−0.0352−0.0034i	−0.1201−0.0475i	0.0102+0.0330i
79.7	0.0768−0.3792i	−0.0048−0.0894i	−0.0150−0.2001i	0.0950−0.2664i	−0.0237−0.0209i	−0.0352−0.0049i	−0.1146−0.0499i	0.0149+0.0242i
79.8	0.0744−0.3718i	0.0034−0.1023i	−0.0191−0.2015i	0.0869−0.2604i	−0.0214−0.0188i	−0.0320−0.0029i	−0.1105−0.0442i	0.0167+0.0248i
79.9	0.0693−0.3747i	−0.0057−0.0905i	−0.0246−0.1931i	0.0972−0.2616i	−0.0223−0.0159i	−0.0312+0.0001i	−0.1103−0.0386i	0.0148+0.0293i
80.0	0.1116−0.3593i	−0.0223−0.0721i	−0.0164−0.1803i	0.1228−0.2615i	−0.0206−0.0202i	−0.0289−0.0059i	−0.1083−0.0475i	0.0180+0.0237i

1.1.22 Run 6 – VT000 – SF and shaft bending gauges

Vertical shaking at 0°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0411+0.0000i	-0.0255+0.0000i	-0.0644+0.0000i	-0.0430+0.0000i	20.8807+0.0000i	7.5586+0.0000i	-4.3353+0.0000i	-3.9160+0.0000i
0.1	0.0059+0.0036i	-0.0079-0.0003i	0.0023-0.0054i	-0.0255-0.0008i	-9.2956+2.7136i	3.8784+0.0149i	-14.2091+1.2134i	-0.5253-0.4959i
0.2	-0.0008+0.0002i	-0.0034+0.0007i	0.0159+0.0000i	-0.0213+0.0009i	-15.3303-0.1371i	2.9311-0.2994i	-16.0865+0.3966i	0.0223-0.1495i
0.3	-0.0000+0.0004i	-0.0017-0.0000i	0.0164-0.0006i	-0.0200+0.0003i	-15.3241-0.1374i	2.6089-0.2147i	-15.9261+0.4898i	-0.1957-0.0622i
0.4	0.0005-0.0011i	-0.0010-0.0034i	0.0174-0.0023i	-0.0187-0.0021i	-15.1298-0.3313i	2.2730+0.5684i	-15.5840+0.3105i	-0.4086+0.5093i
0.5	-0.0026-0.0011i	-0.0062-0.0026i	0.0136-0.0023i	-0.0234-0.0017i	-15.6333-0.8225i	3.5704+0.5237i	-16.0392-0.0345i	0.5185+0.4523i
0.6	-0.0013+0.0002i	-0.0044+0.0002i	0.0147-0.0012i	-0.0219+0.0005i	-16.0240-0.3694i	3.1600-0.1728i	-16.1703+0.4546i	0.2111-0.0109i
0.7	0.0008-0.0008i	-0.0006-0.0014i	0.0175-0.0022i	-0.0186-0.0005i	-15.8245-0.1382i	2.2635+0.1427i	-15.7778+0.6096i	-0.4105+0.2316i
0.8	-0.0016-0.0065i	-0.0039-0.0108i	0.0151-0.0086i	-0.0207-0.0080i	-15.5170-0.2245i	2.8702+2.1508i	-15.5074+0.2926i	0.0551+1.7163i
0.9	-0.0107-0.0054i	-0.0193-0.0105i	0.0036-0.0084i	-0.0328-0.0076i	-15.5164-0.6913i	6.0930+2.0753i	-15.7906-0.0869i	2.4686+1.6543i
1.0	-0.0080-0.0007i	-0.0158-0.0026i	0.0064-0.0025i	-0.0300-0.0012i	-15.7519-0.9025i	5.3018+0.4146i	-15.8456-0.0775i	1.8927+0.3767i
1.1	-0.0049+0.0003i	-0.0117-0.0004i	0.0095-0.0009i	-0.0266+0.0005i	-16.4176-0.7451i	4.4393-0.0389i	-16.1973+0.0750i	1.1983+0.0350i
1.2	-0.0043+0.0004i	-0.0104-0.0003i	0.0102-0.0008i	-0.0255+0.0005i	-16.5187-0.2828i	4.1605-0.1064i	-16.1820+0.4251i	0.9904+0.0305i
1.3	-0.0044+0.0005i	-0.0101-0.0002i	0.0104-0.0010i	-0.0251+0.0007i	-16.4685-0.1710i	4.0454-0.1364i	-16.0951+0.4946i	0.9185+0.0184i
1.4	-0.0041+0.0002i	-0.0102-0.0001i	0.0104-0.0007i	-0.0253+0.0007i	-16.4856-0.1039i	3.9611-0.1550i	-16.0656+0.5166i	0.8607+0.0042i
1.5	-0.0036-0.0002i	-0.0114+0.0012i	0.0103-0.0005i	-0.0254+0.0011i	-16.5153-0.0422i	3.8658-0.1231i	-16.0423+0.5297i	0.7905+0.0208i
1.6	-0.0048-0.0000i	-0.0091+0.0016i	0.0108-0.0004i	-0.0249+0.0013i	-16.6597+0.0654i	3.8476-0.1481i	-16.1222+0.6085i	0.7651+0.0160i
1.7	-0.0052+0.0002i	-0.0082+0.0000i	0.0111-0.0008i	-0.0246+0.0006i	-16.8929+0.1970i	3.8230-0.1832i	-16.2636+0.6991i	0.7263-0.0041i
1.8	-0.0056+0.0003i	-0.0092-0.0001i	0.0105-0.0008i	-0.0249+0.0006i	-17.1384+0.5681i	3.8130-0.2029i	-16.4170+0.9616i	0.6948+0.0195i
1.9	-0.0070+0.0006i	-0.0105+0.0003i	0.0098-0.0007i	-0.0256+0.0006i	-17.0837+1.5148i	3.7773-0.3123i	-16.3223+1.6626i	0.6788+0.0435i
2.0	-0.0106+0.0029i	-0.0132+0.0021i	0.0074+0.0011i	-0.0276+0.0019i	-16.1079+2.0268i	3.6944-0.3914i	-15.5489+2.0195i	0.7240+0.0458i
2.1	-0.0128+0.0145i	-0.0147+0.0106i	0.0061+0.0074i	-0.0292+0.0086i	-15.1280+1.7188i	3.6417-0.4245i	-14.7949+1.7384i	0.7954+0.0033i
2.2	0.0078+0.0162i	0.0006+0.0118i	0.0181+0.0084i	-0.0178+0.0099i	-14.9255+0.9904i	3.4368-0.4016i	-14.6199+1.1608i	0.7161-0.0689i
2.3	0.0104+0.0038i	0.0026+0.0026i	0.0198+0.0014i	-0.0161+0.0029i	-15.0940+0.6374i	3.3787-0.2675i	-14.7507+0.8639i	0.6604-0.0436i
2.4	0.0030+0.0008i	-0.0027+0.0001i	0.0157-0.0006i	-0.0201+0.0008i	-15.6038+0.6296i	3.4314-0.1595i	-15.1618+0.8663i	0.6200+0.0304i
2.5	0.0015+0.0006i	-0.0038-0.0004i	0.0143-0.0008i	-0.0210+0.0006i	-15.2962+0.9514i	3.4535-0.1528i	-14.8810+1.1238i	0.6697+0.0748i
2.6	0.0005+0.0005i	-0.0048-0.0006i	0.0139-0.0008i	-0.0215+0.0006i	-14.9910+0.5878i	3.4693-0.1314i	-14.6255+0.8065i	0.7208+0.0380i
2.7	-0.0001+0.0003i	-0.0054-0.0003i	0.0137-0.0009i	-0.0220+0.0007i	-15.1223+0.3174i	3.5102-0.1240i	-14.7383+0.5942i	0.7356+0.0110i
2.8	-0.0004+0.0002i	-0.0057-0.0002i	0.0135-0.0010i	-0.0222+0.0008i	-15.2333+0.1989i	3.5259-0.1130i	-14.8201+0.4961i	0.7337+0.0034i
2.9	-0.0005+0.0002i	-0.0056-0.0003i	0.0133-0.0011i	-0.0224+0.0008i	-15.3518+0.1084i	3.5086-0.1029i	-14.8994+0.4075i	0.7054-0.0005i
3.0	-0.0008+0.0005i	-0.0056-0.0001i	0.0132-0.0007i	-0.0222+0.0006i	-15.4185-0.0066i	3.5038-0.0513i	-14.9444+0.2899i	0.6899+0.0198i
3.1	-0.0008+0.0006i	-0.0059-0.0000i	0.0132-0.0008i	-0.0222+0.0005i	-15.6892-0.2850i	3.5572+0.0086i	-15.1590+0.0607i	0.6945+0.0251i
3.2	-0.0009+0.0009i	-0.0062+0.0002i	0.0126-0.0006i	-0.0223+0.0005i	-16.2509-0.1292i	3.6705-0.0511i	-15.5779+0.2078i	0.7221+0.0011i
3.3	-0.0012+0.0007i	-0.0064+0.0005i	0.0125-0.0005i	-0.0225+0.0006i	-16.0908+0.3845i	3.6440-0.1340i	-15.4268+0.5975i	0.7301+0.0019i
3.4	-0.0012+0.0005i	-0.0066+0.0002i	0.0126-0.0008i	-0.0230+0.0009i	-15.8027+0.5398i	3.6588-0.1754i	-15.1994+0.7152i	0.7753-0.0197i
3.5	-0.0018+0.0006i	-0.0063-0.0000i	0.0129-0.0010i	-0.0238+0.0012i	-15.0854+0.8074i	3.5418-0.2430i	-14.6257+0.9031i	0.7733-0.0389i
3.6	-0.0013+0.0006i	-0.0070+0.0001i	0.0131-0.0005i	-0.0244+0.0012i	-14.3129+0.3945i	3.4968-0.2112i	-14.0199+0.5484i	0.8225-0.0677i
3.7	-0.0005-0.0001i	-0.0059-0.0007i	0.0133-0.0008i	-0.0221+0.0007i	-16.4480-0.1111i	3.5937-0.0637i	-15.6983+0.1892i	0.6213-0.0205i
3.8	-0.0010+0.0000i	-0.0066-0.0004i	0.0131-0.0008i	-0.0228+0.0008i	-16.2808-0.0428i	3.5891-0.0949i	-15.5465+0.2337i	0.6527-0.0318i
3.9	-0.0011+0.0003i	-0.0067-0.0002i	0.0132-0.0008i	-0.0230+0.0009i	-16.2188-0.0102i	3.5980-0.0995i	-15.4963+0.2512i	0.6645-0.0327i
4.0	-0.0010+0.0003i	-0.0067-0.0001i	0.0132-0.0008i	-0.0232+0.0010i	-16.2074+0.0068i	3.6104-0.1025i	-15.4837+0.2597i	0.6753-0.0331i
4.1	-0.0009+0.0001i	-0.0067-0.0001i	0.0132-0.0009i	-0.0232+0.0010i	-16.2303+0.0276i	3.6260-0.1003i	-15.4978+0.2697i	0.6852-0.0305i
4.2	-0.0011-0.0001i	-0.0068-0.0003i	0.0130-0.0010i	-0.0232+0.0007i	-16.2916+0.0519i	3.6438-0.0922i	-15.5322+0.2809i	0.6912-0.0219i
4.3	-0.0010-0.0002i	-0.0069-0.0004i	0.0133-0.0011i	-0.0231+0.0007i	-16.3361+0.0959i	3.6655-0.0939i	-15.5681+0.3150i	0.7032-0.0172i
4.4	-0.0009-0.0005i	-0.0069-0.0006i	0.0135-0.0011i	-0.0231+0.0006i	-16.3401+0.2219i	3.6772-0.1085i	-15.5599+0.4043i	0.7120-0.0172i
4.5	-0.0013-0.0005i	-0.0072-0.0009i	0.0133-0.0013i	-0.0235+0.0005i	-16.2539+0.2504i	3.6829-0.1174i	-15.4873+0.4304i	0.7246-0.0203i
4.6	-0.0015-0.0011i	-0.0077-0.0009i	0.0128-0.0018i	-0.0240+0.0002i	-16.1566+0.1521i	3.6834-0.1109i	-15.4072+0.3438i	0.7330-0.0322i
4.7	-0.0026-0.0024i	-0.0085-0.0014i	0.0122-0.0021i	-0.0246-0.0001i	-16.1595+0.0204i	3.7001-0.1010i	-15.4135+0.2360i	0.7425-0.0418i
4.8	-0.0043-0.0021i	-0.0102-0.0012i	0.0111-0.0016i	-0.0259-0.0006i	-16.2261-0.1027i	3.7358-0.0969i	-15.4629+0.1464i	0.7567-0.0451i
4.9	-0.0055+0.0008i	-0.0113+0.0010i	0.0108-0.0000i	-0.0264+0.0008i	-16.3179-0.2390i	3.7679-0.0759i	-15.5250+0.0178i	0.7717-0.0333i
5.0	-0.0034+0.0021i	-0.0093+0.0024i	0.0125+0.0007i	-0.0253+0.0021i	-16.6318-0.2994i	3.8018-0.0785i	-15.7382-0.0271i	0.7758-0.0440i
5.1	-0.0019+0.0014i	-0.0082+0.0015i	0.0132+0.0003i	-0.0250+0.0020i	-16.7407-0.0891i	3.8344-0.0996i	-15.8204+0.1358i	0.7866-0.0456i
5.2	-0.0019+0.0013i	-0.0082+0.0015i	0.0132+0.0004i	-0.0253+0.0019i	-16.7139+0.0003i	3.8444-0.1257i	-15.7916+0.1897i	0.7886-0.0523i
5.3	-0.0019+0.0013i	-0.0085+0.0016i	0.0137-0.0000i	-0.0252+0.0022i	-16.6528+0.0589i	3.8315-0.1609i	-15.7233+0.2181i	0.7841-0.0654i
5.4	-0.0026+0.0011i	-0.0086+0.0029i	0.0137+0.0003i	-0.0251+0.0026i	-16.5360+0.0170i	3.8079-0.2007i	-15.6056+0.1729i	0.7928-0.0901i
5.5	-0.0027+0.0027i	-0.0069+0.0049i	0.0140+0.0013i	-0.0245+0.0047i	-16.2724-0.3879i	3.7316-0.3545i	-15.4813-0.0639i	0.7957-0.2249i
5.6	0.0038-0.0002i	-0.0004-0.0012i	0.0176-0.0016i	-0.0213+0.0016i	-16.9708-0.9777i	3.5829-0.0487i	-16.0332-0.5063i	0.6392-0.1561i

5.7	0.0011-0.0043i	-0.0050-0.0058i	0.0158-0.0043i	-0.0247-0.0018i	-17.4937-0.6761i	3.7152+0.1504i	-16.3822-0.2919i	0.6315-0.0088i
5.8	-0.0021-0.0035i	-0.0087-0.0044i	0.0142-0.0038i	-0.0267-0.0014i	-17.5847-0.3840i	3.8398+0.0932i	-16.4230-0.0889i	0.6862-0.0026i
5.9	-0.0044-0.0030i	-0.0110-0.0035i	0.0126-0.0033i	-0.0281-0.0008i	-17.5773-0.2298i	3.9387+0.0316i	-16.4104+0.0234i	0.7455-0.0165i
6.0	-0.0059-0.0002i	-0.0124-0.0009i	0.0120-0.0015i	-0.0296+0.0007i	-17.5693-0.1485i	3.9850-0.0206i	-16.4059+0.0916i	0.7701-0.0328i
6.1	-0.0051+0.0018i	-0.0118+0.0012i	0.0129-0.0002i	-0.0296+0.0022i	-17.5699-0.0981i	3.9911-0.0602i	-16.4089+0.1381i	0.7745-0.0444i
6.2	-0.0031+0.0026i	-0.0100+0.0021i	0.0146+0.0000i	-0.0289+0.0031i	-17.5666-0.0934i	3.9920-0.0741i	-16.4111+0.1447i	0.7787-0.0483i
6.3	-0.0020+0.0022i	-0.0091+0.0019i	0.0156-0.0002i	-0.0287+0.0031i	-17.5693-0.1095i	3.9814-0.0773i	-16.4034+0.1306i	0.7738-0.0509i
6.4	-0.0016+0.0017i	-0.0088+0.0016i	0.0164-0.0007i	-0.0290+0.0030i	-17.5862-0.1117i	3.9869-0.0646i	-16.4149+0.1266i	0.7782-0.0409i
6.5	-0.0014+0.0012i	-0.0087+0.0013i	0.0171-0.0012i	-0.0296+0.0031i	-17.5923-0.1171i	4.0003-0.0483i	-16.4173+0.1216i	0.7894-0.0299i
6.6	-0.0012+0.0007i	-0.0085+0.0010i	0.0181-0.0017i	-0.0304+0.0032i	-17.5542-0.1577i	3.9985-0.0497i	-16.3913+0.0944i	0.7911-0.0355i
6.7	-0.0012+0.0002i	-0.0085+0.0007i	0.0189-0.0025i	-0.0315+0.0033i	-17.4948-0.2179i	3.9941-0.0371i	-16.3618+0.0563i	0.7926-0.0357i
6.8	-0.0014-0.0001i	-0.0090+0.0007i	0.0204-0.0034i	-0.0334+0.0043i	-17.3383-0.3326i	3.9867-0.0235i	-16.2731-0.0114i	0.8044-0.0359i
6.9	-0.0016+0.0002i	-0.0094+0.0011i	0.0228-0.0050i	-0.0364+0.0063i	-17.0410-0.6089i	3.9607+0.0309i	-16.1080-0.1821i	0.8168-0.0266i
7.0	-0.0004+0.0001i	-0.0087+0.0017i	0.0264-0.0100i	-0.0389+0.0120i	-16.7260-1.4689i	3.9101+0.1715i	-15.9461-0.6918i	0.8137-0.0188i
7.1	0.0008-0.0019i	-0.0072+0.0009i	0.0251-0.0193i	-0.0357+0.0200i	-17.2683-2.7929i	3.9955+0.4095i	-16.2809-1.4742i	0.8174+0.0074i
7.2	-0.0011-0.0061i	-0.0078-0.0022i	0.0138-0.0272i	-0.0256+0.0233i	-19.0739-3.5895i	4.3336+0.5850i	-17.3587-1.9269i	0.8610+0.0424i
7.3	-0.0081-0.0053i	-0.0123-0.0021i	-0.0010-0.0237i	-0.0177+0.0206i	-21.0327-3.1883i	4.7559+0.4874i	-18.5169-1.6653i	0.9396+0.0238i
7.4	-0.0081-0.0004i	-0.0121+0.0011i	-0.0040-0.0139i	-0.0144+0.0158i	-21.8132-2.0192i	4.8764+0.2245i	-18.9673-0.9723i	0.9484-0.0260i
7.5	-0.0052+0.0011i	-0.0103+0.0016i	-0.0017-0.0069i	-0.0135+0.0097i	-21.9064-0.8143i	4.8478+0.0018i	-19.0113-0.2546i	0.9306-0.0552i
7.6	-0.0041+0.0004i	-0.0100+0.0010i	0.0016-0.0043i	-0.0161+0.0059i	-21.5946-0.2063i	4.7827-0.0682i	-18.8252+0.0872i	0.9182-0.0463i
7.7	-0.0040+0.0000i	-0.0102+0.0009i	0.0036-0.0035i	-0.0184+0.0047i	-21.4199-0.0288i	4.7522-0.0638i	-18.7207+0.1860i	0.9163-0.0235i
7.8	-0.0040+0.0001i	-0.0104+0.0008i	0.0049-0.0030i	-0.0200+0.0039i	-21.4445+0.0565i	4.7880-0.0423i	-18.7482+0.2375i	0.9374+0.0005i
7.9	-0.0040+0.0000i	-0.0105+0.0006i	0.0055-0.0031i	-0.0210+0.0037i	-21.6002+0.1481i	4.8548-0.0335i	-18.8488+0.2862i	0.9695+0.0133i
8.0	-0.0037-0.0003i	-0.0105+0.0004i	0.0060-0.0029i	-0.0213+0.0033i	-21.7772+0.2942i	4.9186-0.0663i	-18.9623+0.3629i	0.9954+0.0040i
8.1	-0.0042-0.0005i	-0.0107+0.0006i	0.0067-0.0027i	-0.0226+0.0032i	-21.9073+0.4783i	4.9699-0.1136i	-19.0508+0.4772i	1.0164-0.0121i
8.2	-0.0043-0.0002i	-0.0105+0.0008i	0.0075-0.0026i	-0.0233+0.0033i	-22.1002+0.6379i	4.9975-0.1600i	-19.1575+0.5878i	1.0151-0.0263i
8.3	-0.0041-0.0005i	-0.0105+0.0007i	0.0084-0.0025i	-0.0241+0.0031i	-22.3835+0.8371i	5.0559-0.1710i	-19.3360+0.6912i	1.0279-0.0169i
8.4	-0.0040-0.0009i	-0.0104+0.0004i	0.0087-0.0028i	-0.0247+0.0030i	-22.5864+1.0192i	5.1075-0.1928i	-19.4711+0.7949i	1.0439-0.0146i
8.5	-0.0044-0.0014i	-0.0106+0.0002i	0.0092-0.0033i	-0.0257+0.0029i	-22.8841+1.2513i	5.2172-0.2444i	-19.6658+0.9374i	1.0866-0.0261i
8.6	-0.0047-0.0016i	-0.0107-0.0000i	0.0097-0.0036i	-0.0266+0.0030i	-23.1892+1.4939i	5.3022-0.2894i	-19.8514+1.0817i	1.1134-0.0371i
8.7	-0.0049-0.0019i	-0.0108-0.0002i	0.0104-0.0041i	-0.0277+0.0036i	-23.5802+1.7746i	5.3806-0.3475i	-20.0909+1.2511i	1.1287-0.0500i
8.8	-0.0055-0.0021i	-0.0108-0.0004i	0.0112-0.0051i	-0.0289+0.0045i	-24.0991+2.3081i	5.4853-0.4371i	-20.4125+1.5606i	1.1475-0.0586i
8.9	-0.0055-0.0021i	-0.0102-0.0010i	0.0122-0.0063i	-0.0293+0.0052i	-24.5141+2.9106i	5.5532-0.5367i	-20.6584+1.9147i	1.1533-0.0715i
9.0	-0.0064-0.0027i	-0.0107-0.0025i	0.0121-0.0086i	-0.0299+0.0063i	-24.5908+3.8617i	5.5884-0.6706i	-20.7066+2.4886i	1.1672-0.0713i
9.1	-0.0076-0.0031i	-0.0118-0.0032i	0.0117-0.0103i	-0.0313+0.0076i	-24.6995+4.7087i	5.6379-0.8078i	-20.7783+3.0059i	1.1844-0.0794i
9.2	-0.0088-0.0029i	-0.0119-0.0046i	0.0122-0.0142i	-0.0328+0.0111i	-25.3682+6.5882i	5.7924-1.1147i	-21.1780+4.1347i	1.2223-0.1102i
9.3	-0.0099-0.0023i	-0.0143-0.0074i	0.0083-0.0203i	-0.0310+0.0159i	-23.9029+9.4633i	5.6086-1.5451i	-20.3141+5.8374i	1.2369-0.1198i
9.4	-0.0099-0.0012i	-0.0191-0.0071i	0.0004-0.0204i	-0.0257+0.0165i	-20.3922+9.6700i	5.1075-1.5858i	-18.2388+5.9483i	1.2372-0.1254i
9.5	-0.0097-0.0001i	-0.0233-0.0052i	-0.0071-0.0172i	-0.0208+0.0147i	-17.0878+8.3346i	4.6323-1.3933i	-16.2947+5.1424i	1.2324-0.1248i
9.6	-0.0096+0.0002i	-0.0242-0.0015i	-0.0089-0.0113i	-0.0199+0.0108i	-16.3797+5.6640i	4.5540-1.0089i	-15.8820+3.5470i	1.2448-0.1220i
9.7	-0.0094+0.0003i	-0.0239+0.0008i	-0.0085-0.0074i	-0.0204+0.0083i	-16.8074+3.9238i	4.6473-0.7359i	-16.1567+2.5166i	1.2641-0.1055i
9.8	-0.0093+0.0002i	-0.0235+0.0021i	-0.0076-0.0053i	-0.0214+0.0068i	-17.4018+2.9289i	4.7611-0.5656i	-16.5197+1.9213i	1.2821-0.0850i
9.9	-0.0096+0.0001i	-0.0231+0.0032i	-0.0068-0.0038i	-0.0223+0.0061i	-18.0909+2.2325i	4.8954-0.4711i	-16.9371+1.5141i	1.3049-0.0885i
10.0	-0.0097-0.0000i	-0.0227+0.0042i	-0.0059-0.0024i	-0.0232+0.0057i	-18.7331+1.7831i	5.0163-0.4411i	-17.3243+1.2549i	1.3260-0.1141i
10.1	-0.0101+0.0001i	-0.0225+0.0049i	-0.0051-0.0018i	-0.0244+0.0056i	-19.3950+1.4925i	5.1560-0.3780i	-17.7410+1.0799i	1.3532-0.0962i
10.2	-0.0105+0.0001i	-0.0224+0.0053i	-0.0043-0.0014i	-0.0252+0.0060i	-19.9556+1.4548i	5.2978-0.3705i	-18.0938+1.0575i	1.3914-0.0979i
10.3	-0.0108-0.0002i	-0.0227+0.0056i	-0.0043-0.0014i	-0.0258+0.0063i	-20.3946+1.4535i	5.4299-0.3720i	-18.3698+1.0562i	1.4325-0.1028i
10.4	-0.0119+0.0002i	-0.0234+0.0064i	-0.0054-0.0010i	-0.0266+0.0068i	-20.6956+1.3840i	5.5522-0.3977i	-18.5628+1.0185i	1.4804-0.1267i
10.5	-0.0125+0.0010i	-0.0235+0.0079i	-0.0057-0.0001i	-0.0268+0.0072i	-20.9576+1.2975i	5.6459-0.4137i	-18.7309+0.9688i	1.5164-0.1398i
10.6	-0.0119+0.0021i	-0.0226+0.0092i	-0.0052+0.0010i	-0.0261+0.0076i	-21.2572+1.2187i	5.7118-0.4297i	-18.9327+0.9213i	1.5337-0.1543i
10.7	-0.0117+0.0021i	-0.0216+0.0096i	-0.0048+0.0016i	-0.0260+0.0074i	-21.6098+1.0949i	5.7688-0.4347i	-19.1496+0.8446i	1.5400-0.1695i
10.8	-0.0121+0.0019i	-0.0216+0.0101i	-0.0044+0.0023i	-0.0265+0.0071i	-22.0446+0.9810i	5.8883-0.4397i	-19.4208+0.7807i	1.5727-0.1857i
10.9	-0.0123+0.0018i	-0.0216+0.0102i	-0.0042+0.0025i	-0.0268+0.0067i	-22.4206+0.8987i	5.9915-0.4439i	-19.6643+0.7404i	1.6017-0.1998i
11.0	-0.0125+0.0018i	-0.0213+0.0105i	-0.0041+0.0027i	-0.0271+0.0069i	-22.7639+0.9070i	6.0911-0.4525i	-19.8833+0.7364i	1.6320-0.2065i
11.1	-0.0128+0.0016i	-0.0212+0.0108i	-0.0040+0.0030i	-0.0276+0.0070i	-23.1146+0.8909i	6.2011-0.4448i	-20.1049+0.7296i	1.6705-0.2017i
11.2	-0.0132+0.0019i	-0.0213+0.0107i	-0.0039+0.0030i	-0.0283+0.0067i	-23.5326+0.8732i	6.3249-0.4561i	-20.3754+0.7356i	1.7103-0.2083i
11.3	-0.0133+0.0018i	-0.0212+0.0108i	-0.0039+0.0030i	-0.0283+0.0067i	-23.8680+0.8774i	6.4034-0.4771i	-20.5897+0.7354i	1.7319-0.2231i
11.4	-0.0136+0.0012i	-0.0208+0.0108i	-0.0037+0.0028i	-0.0284+0.0066i	-24.3049+0.8902i	6.5163-0.4740i	-20.8624+0.7367i	1.7597-0.2211i
11.5	-0.0141+0.0009i	-0.0206+0.0109i	-0.0038+0.0029i	-0.0290+0.0063i	-24.7072+0.8629i	6.6499-0.4601i	-21.1262+0.7129i	1.8069-0.2155i
11.6	-0.0148+0.0006i	-0.0212+0.0101i	-0.0040+0.0028i	-0.0299+0.0058i	-25.1694+0.8272i	6.8252-0.4478i	-21.4449+0.6858i	1.8760-0.2145i
11.7	-0.0155+0.0006i	-0.0217+0.0100i	-0.0042+0.0026i	-0.0305+0.0060i	-25.5157+0.9132i	6.9649-0.4704i	-21.6748+0.7380i	1.9302-0.2202i
11.8	-0.0168+0.0000i	-0.0220+0.0094i	-0.0046+0.0024i	-0.0312+0.0059i	-25.9456+0.9485i	7.0919-0.4577i	-21.9316+0.7783i	1.9599-0.2070i
11.9	-0.0175+0.0003i	-0.0228+0.0091i	-0.0052+0.0022i	-0.0322+0.0059i	-26.4665+1.0080i	7.2765-0.4961i	-22.2892+0.8270i	2.0328-0.2257i

12.0	-0.0185+0.0004i	-0.0235+0.0091i	-0.0059+0.0021i	-0.0330+0.0059i	-26.8339+1.0642i	7.4164-0.5187i	-22.5281+0.8629i	2.0900-0.2345i
12.1	-0.0198+0.0000i	-0.0250+0.0092i	-0.0067+0.0020i	-0.0341+0.0061i	-27.3384+1.2347i	7.6196-0.5382i	-22.8667+0.9614i	2.1739-0.2277i
12.2	-0.0216-0.0003i	-0.0259+0.0091i	-0.0076+0.0020i	-0.0353+0.0060i	-27.8659+1.2171i	7.8093-0.5259i	-23.2073+0.9334i	2.2386-0.2259i
12.3	-0.0230-0.0003i	-0.0270+0.0091i	-0.0085+0.0018i	-0.0365+0.0062i	-28.3168+1.2587i	7.9796-0.5635i	-23.5165+0.9687i	2.2981-0.2506i
12.4	-0.0248-0.0002i	-0.0290+0.0098i	-0.0101+0.0018i	-0.0384+0.0069i	-28.8257+1.4460i	8.2441-0.6206i	-23.8679+1.0746i	2.4120-0.2724i
12.5	-0.0262+0.0000i	-0.0306+0.0104i	-0.0112+0.0018i	-0.0393+0.0073i	-29.2991+1.6054i	8.4443-0.7029i	-24.1623+1.1926i	2.4969-0.3065i
12.6	-0.0288+0.0010i	-0.0322+0.0110i	-0.0131+0.0023i	-0.0412+0.0079i	-29.9225+1.6965i	8.7311-0.7648i	-24.6155+1.2651i	2.6132-0.3310i
12.7	-0.0311+0.0021i	-0.0339+0.0120i	-0.0146+0.0032i	-0.0428+0.0084i	-30.4631+1.7037i	8.9984-0.8209i	-24.9909+1.2841i	2.7261-0.3593i
12.8	-0.0329+0.0036i	-0.0355+0.0137i	-0.0162+0.0043i	-0.0437+0.0097i	-30.9601+1.7516i	9.2352-0.9184i	-25.3175+1.3355i	2.8317-0.4135i
12.9	-0.0340+0.0057i	-0.0371+0.0167i	-0.0176+0.0062i	-0.0447+0.0118i	-31.5193+1.8029i	9.4525-1.0895i	-25.6809+1.3931i	2.9170-0.5210i
13.0	-0.0351+0.0077i	-0.0380+0.0182i	-0.0182+0.0075i	-0.0456+0.0134i	-32.2254+1.8711i	9.7265-1.1920i	-26.1622+1.4240i	3.0198-0.5765i
13.1	-0.0354+0.0081i	-0.0375+0.0195i	-0.0183+0.0084i	-0.0458+0.0137i	-32.9433+1.9113i	9.9439-1.1955i	-26.6142+1.4325i	3.0928-0.5746i
13.2	-0.0365+0.0086i	-0.0379+0.0198i	-0.0187+0.0088i	-0.0467+0.0140i	-33.7291+1.9976i	10.2517-1.2039i	-27.1161+1.4846i	3.2133-0.5722i
13.3	-0.0383+0.0096i	-0.0395+0.0209i	-0.0203+0.0094i	-0.0485+0.0149i	-34.5554+2.2399i	10.6433-1.3811i	-27.7027+1.6942i	3.3845-0.6656i
13.4	-0.0406+0.0092i	-0.0407+0.0211i	-0.0218+0.0092i	-0.0502+0.0150i	-35.3686+2.4488i	11.0286-1.4313i	-28.2355+1.8286i	3.5518-0.6838i
13.5	-0.0429+0.0094i	-0.0425+0.0212i	-0.0237+0.0093i	-0.0521+0.0150i	-36.1035+2.7060i	11.3918-1.5175i	-28.6991+1.9970i	3.7072-0.7111i
13.6	-0.0481+0.0105i	-0.0467+0.0220i	-0.0275+0.0101i	-0.0563+0.0166i	-37.2856+2.8944i	12.0465-1.7115i	-29.5331+2.1248i	4.0025-0.8082i
13.7	-0.0521+0.0122i	-0.0494+0.0234i	-0.0303+0.0114i	-0.0590+0.0185i	-38.0982+3.1801i	12.5224-1.9140i	-30.1274+2.3165i	4.2176-0.9016i
13.8	-0.0562+0.0138i	-0.0533+0.0246i	-0.0336+0.0123i	-0.0619+0.0198i	-38.9751+3.3306i	13.0601-2.0650i	-30.7099+2.4104i	4.4666-0.9805i
13.9	-0.0624+0.0171i	-0.0586+0.0271i	-0.0385+0.0146i	-0.0666+0.0223i	-40.0645+3.3984i	13.7878-2.3470i	-31.4642+2.4987i	4.8197-1.1465i
14.0	-0.0687+0.0245i	-0.0640+0.0341i	-0.0433+0.0202i	-0.0713+0.0278i	-41.3988+3.8373i	14.5915-3.0285i	-32.3782+2.8726i	5.1975-1.5212i
14.1	-0.0709+0.0304i	-0.0661+0.0394i	-0.0451+0.0247i	-0.0728+0.0323i	-42.4651+4.1161i	14.9720-3.5519i	-33.0717+3.0997i	5.3332-1.8144i
14.2	-0.0747+0.0364i	-0.0692+0.0451i	-0.0477+0.0296i	-0.0751+0.0375i	-43.7922+4.2754i	15.5482-4.0696i	-33.9475+3.2524i	5.5689-2.1101i
14.3	-0.0775+0.0435i	-0.0723+0.0518i	-0.0506+0.0354i	-0.0773+0.0435i	-45.2855+4.6405i	16.1874-4.7542i	-34.9437+3.5672i	5.8347-2.4988i
14.4	-0.0812+0.0499i	-0.0751+0.0582i	-0.0537+0.0406i	-0.0804+0.0483i	-46.9052+4.9492i	16.8255-5.3326i	-36.0202+3.8114i	6.0821-2.8228i
14.5	-0.0870+0.0589i	-0.0796+0.0674i	-0.0577+0.0477i	-0.0849+0.0559i	-48.7519+5.5106i	17.7165-6.2033i	-37.2862+4.2816i	6.4655-3.3013i
14.6	-0.0897+0.0756i	-0.0819+0.0835i	-0.0597+0.0602i	-0.0870+0.0696i	-50.5438+6.3812i	18.4416-7.7440i	-38.4412+4.9932i	6.7610-4.1617i
14.7	-0.0839+0.0895i	-0.0763+0.0963i	-0.0558+0.0703i	-0.0816+0.0806i	-52.3266+7.2271i	18.4693-9.0558i	-39.5468+5.6125i	6.6300-4.8857i
14.8	-0.0739+0.1017i	-0.0663+0.1076i	-0.0491+0.0797i	-0.0730+0.0906i	-54.1459+7.5275i	18.1503-10.1812i	-40.6848+5.9017i	6.2829-5.5413i
14.9	-0.0608+0.1043i	-0.0516+0.1110i	-0.0389+0.0827i	-0.0614+0.0930i	-56.6259+8.4462i	17.6957-10.7526i	-42.2374+6.5646i	5.7965-5.8099i
15.0	-0.0558+0.0985i	-0.0429+0.1038i	-0.0345+0.0779i	-0.0554+0.0874i	-59.3549+8.9803i	17.9210-10.5612i	-43.9686+6.8870i	5.7071-5.6673i
15.1	-0.0617+0.0939i	-0.0501+0.0975i	-0.0404+0.0742i	-0.0608+0.0824i	-61.6337+9.6102i	18.9727-10.4493i	-45.4434+7.2960i	6.1646-5.5623i
15.2	-0.0843+0.0908i	-0.0739+0.0953i	-0.0593+0.0736i	-0.0796+0.0799i	-65.7697+11.4512i	21.8994-10.8272i	-48.2952+8.4957i	7.5888-5.6439i
15.3	-0.1068+0.1058i	-0.0958+0.1114i	-0.0770+0.0873i	-0.0977+0.0924i	-69.5418+13.5338i	24.6532-12.8217i	-50.9016+10.0334i	8.9343-6.6811i
15.4	-0.1408+0.1290i	-0.1276+0.1357i	-0.1032+0.1073i	-0.1245+0.1115i	-74.2857+14.6504i	28.6367-15.3959i	-54.2422+11.0028i	10.9494-8.1663i
15.5	-0.1669+0.1791i	-0.1503+0.1848i	-0.1226+0.1481i	-0.1443+0.1519i	-79.2996+17.2322i	31.8862-20.6308i	-57.6533+13.1395i	12.4896-11.1330i
15.6	-0.1651+0.2607i	-0.1454+0.2645i	-0.1196+0.2130i	-0.1414+0.2173i	-84.8403+21.3245i	32.6268-29.1014i	-61.1603+16.5950i	12.4492-15.9428i
15.7	-0.1353+0.3769i	-0.1103+0.3766i	-0.0927+0.3046i	-0.1154+0.3104i	-92.6507+25.5430i	31.2156-40.7598i	-65.8544+20.3617i	10.9073-22.6933i
15.8	-0.0222+0.4482i	0.0037+0.4418i	-0.0017+0.3588i	-0.0234+0.3657i	-98.5880+32.7492i	21.7729-48.8205i	-68.5794+25.5972i	4.6327-27.0024i
15.9	0.1009+0.4764i	0.1259+0.4643i	0.0964+0.3779i	0.0760+0.3871i	-104.5478+41.7000i	11.4401-53.2290i	-71.2443+31.6439i	-2.1818-28.9044i
16.0	0.2318+0.4475i	0.2548+0.4311i	0.1995+0.3525i	0.1812+0.3623i	-111.1637+53.2103i	0.3087-52.9097i	-74.2111+38.8097i	-9.5423-27.7125i
16.1	0.3340+0.3821i	0.3546+0.3616i	0.2789+0.2996i	0.2640+0.3076i	-117.5485+66.8081i	-8.2178-49.4877i	-77.3317+46.9176i	-15.2870-24.4612i
16.2	0.4077+0.2977i	0.4276+0.2731i	0.3361+0.2320i	0.3237+0.2374i	-125.0209+83.1633i	-13.9869-44.8794i	-81.3694+56.6584i	-19.4612-20.2443i
16.3	0.4442+0.2054i	0.4625+0.1781i	0.3631+0.1589i	0.3523+0.1621i	-128.3079+103.4278i	-17.1378-40.2775i	-83.0782+68.8063i	-21.6969-15.6909i
16.4	0.4483+0.1034i	0.4633+0.0699i	0.3653+0.0781i	0.3552+0.0788i	-122.9425+136.1337i	-19.1911-36.8858i	-79.4758+88.8776i	-22.4975-10.7813i
16.5	0.4413+0.0343i	0.4513-0.0050i	0.3584+0.0226i	0.3497+0.0217i	-106.5612+166.9691i	-22.2801-36.0034i	-68.8654+107.9357i	-22.9852-7.5844i
16.6	0.4407-0.0641i	0.4397-0.1069i	0.3540-0.0549i	0.3503-0.0618i	-72.0222+186.9260i	-29.6537-29.5300i	-46.6641+119.5619i	-24.5531-1.8969i
16.7	0.3800-0.1536i	0.3711-0.1962i	0.3043-0.1236i	0.2983-0.1382i	-48.0844+194.0631i	-28.1452-21.2376i	-31.9289+123.2036i	-21.5574+3.8261i
16.8	0.2952-0.1983i	0.2768-0.2392i	0.2376-0.1571i	0.2235-0.1765i	-16.7677+201.5806i	-25.3728-17.4563i	-12.6509+127.5186i	-17.1420+6.8166i
16.9	0.2189-0.2297i	0.1909-0.2669i	0.1770-0.1807i	0.1566-0.2017i	20.8767+201.6455i	-24.5227-13.9181i	10.7310+127.1571i	-13.3558+9.0019i
17.0	0.1554-0.2131i	0.1228-0.2414i	0.1270-0.1660i	0.1036-0.1842i	55.5804+180.5281i	-24.6339-11.7732i	32.3550+113.6243i	-10.4244+8.4777i
17.1	0.1214-0.2169i	0.0857-0.2365i	0.0988-0.1670i	0.0747-0.1862i	69.9583+158.0215i	-23.4977-6.5476i	41.1693+99.0864i	-8.4769+9.7586i
17.2	0.0449-0.2316i	0.0050-0.2430i	0.0370-0.1756i	0.0060-0.1968i	89.0511+144.9419i	-17.5608-2.3774i	52.4894+90.5723i	-3.1372+11.1992i
17.3	-0.0068-0.1722i	-0.0438-0.1765i	-0.0014-0.1265i	-0.0356-0.1435i	101.2200+119.5030i	-14.4416-5.0441i	59.7291+74.9136i	-0.1636+7.3289i
17.4	0.0022-0.1215i	-0.0307-0.1214i	0.0078-0.0854i	-0.0248-0.0999i	98.0745+95.0510i	-15.6237-6.3750i	57.8130+59.7943i	-1.1750+4.3847i
17.5	0.0062-0.1069i	-0.0231-0.1036i	0.0125-0.0734i	-0.0202-0.0879i	93.9340+79.8060i	-15.5606-4.7432i	55.2166+50.1418i	-1.4900+4.0863i
17.6	-0.0028-0.0931i	-0.0273-0.0871i	0.0077-0.0612i	-0.0273-0.0762i	89.0355+66.6895i	-13.6032-3.9829i	51.9607+41.8518i	-0.7007+3.4026i
17.7	-0.0034-0.0747i	-0.0253-0.0677i	0.0092-0.0470i	-0.0279-0.0606i	84.9544+56.3181i	-12.9983-4.2021i	49.3513+35.4114i	-0.6803+2.3643i
17.8	-0.0024-0.0623i	-0.0217-0.0545i	0.0121-0.0377i	-0.0264-0.0500i	81.2374+46.3989i	-12.7914-3.6731i	46.9770+29.1628i	-0.8742+1.8183i
17.9	-0.0026-0.0529i	-0.0196-0.0446i	0.0133-0.0312i	-0.0264-0.0418i	77.0179+38.3729i	-12.0194-3.0658i	44.2562+24.1046i	-0.7526+1.4913i
18.0	-0.0020-0.0443i	-0.0174-0.0363i	0.0143-0.0254i	-0.0258-0.0347i	72.3681+32.8281i	-11.2215-2.9134i	41.2716+20.6142i	-0.6659+1.1005i
18.1	-0.0000-0.0368i	-0.0144-0.0293i	0.0162-0.0201i	-0.0242-0.0287i	67.6918+28.5076i	-10.6162-2.9370i	38.2688+17.9013i	-0.7049+0.7058i
18.2	0.0041-0.0294i	-0.0084-0.0219i	0.0206-0.0149i	-0.0203-0.0225i	62.2848+23.6612i	-10.3899-2.7736i	34.8654+14.8796i	-1.0384+0.3823i

18.3	0.0071-0.0254i	-0.0044-0.0182i	0.0235-0.0128i	-0.0177-0.0191i	58.6239+20.8341i	-10.2085-2.5809i	32.5368+13.1181i	-1.2460+0.2576i
18.4	0.0092-0.0234i	-0.0019-0.0165i	0.0258-0.0120i	-0.0162-0.0170i	55.6031+18.3959i	-9.9915-2.2124i	30.5858+11.5599i	-1.3816+0.2733i
18.5	0.0122-0.0216i	0.0016-0.0154i	0.0284-0.0126i	-0.0139-0.0152i	52.0099+15.9164i	-9.6794-1.6027i	28.2947+9.9488i	-1.5019+0.4322i
18.6	0.0123-0.0199i	0.0021-0.0140i	0.0275-0.0126i	-0.0134-0.0136i	48.6311+13.4509i	-8.6519-1.0643i	26.0845+8.3761i	-1.1493+0.5508i
18.7	0.0140-0.0179i	0.0036-0.0121i	0.0273-0.0107i	-0.0116-0.0121i	45.6004+12.1705i	-8.0219-1.1508i	24.1129+7.5924i	-1.0241+0.3828i
18.8	0.0164-0.0155i	0.0064-0.0099i	0.0288-0.0083i	-0.0096-0.0101i	42.3788+10.9987i	-7.7027-1.3908i	22.0621+6.8948i	-1.1162+0.1252i
18.9	0.0179-0.0148i	0.0083-0.0092i	0.0301-0.0074i	-0.0087-0.0096i	39.9363+10.1606i	-7.3940-1.4212i	20.5035+6.3785i	-1.1265+0.0266i
19.0	0.0187-0.0139i	0.0088-0.0082i	0.0308-0.0068i	-0.0082-0.0088i	38.2068+9.5820i	-7.1847-1.4781i	19.3841+6.0339i	-1.1517-0.0606i
19.1	0.0203-0.0127i	0.0102-0.0071i	0.0320-0.0060i	-0.0074-0.0077i	36.2296+8.8612i	-6.9411-1.4566i	18.0936+5.5862i	-1.1766-0.1093i
19.2	0.0211-0.0121i	0.0119-0.0063i	0.0331-0.0056i	-0.0066-0.0071i	34.3952+7.9787i	-6.7683-1.2883i	16.9251+5.0386i	-1.2236-0.0787i
19.3	0.0223-0.0117i	0.0137-0.0059i	0.0341-0.0054i	-0.0057-0.0066i	32.5627+7.4205i	-6.5180-1.2117i	15.7509+4.7014i	-1.2255-0.0806i
19.4	0.0227-0.0119i	0.0145-0.0056i	0.0348-0.0057i	-0.0055-0.0062i	30.8331+6.9186i	-6.2566-1.1467i	14.6646+4.3761i	-1.2195-0.0889i
19.5	0.0231-0.0119i	0.0146-0.0057i	0.0350-0.0058i	-0.0055-0.0060i	29.5414+6.8247i	-6.0448-1.1651i	13.8096+4.3348i	-1.2030-0.1078i
19.6	0.0241-0.0123i	0.0156-0.0061i	0.0357-0.0062i	-0.0049-0.0063i	28.1446+6.5676i	-5.8401-1.0809i	12.9004+4.1713i	-1.1961-0.0847i
19.7	0.0247-0.0127i	0.0164-0.0067i	0.0361-0.0067i	-0.0043-0.0067i	26.9232+6.4819i	-5.6487-1.0511i	12.1441+4.1279i	-1.1846-0.0780i
19.8	0.0251-0.0133i	0.0171-0.0071i	0.0366-0.0075i	-0.0038-0.0067i	25.6513+6.4126i	-5.4787-1.0315i	11.3515+4.0874i	-1.1891-0.0731i
19.9	0.0250-0.0139i	0.0171-0.0078i	0.0367-0.0080i	-0.0038-0.0067i	24.5933+6.2791i	-5.2932-1.0447i	10.6630+4.0249i	-1.1642-0.0887i
20.0	0.0247-0.0130i	0.0171-0.0070i	0.0366-0.0077i	-0.0040-0.0061i	23.9034+6.0842i	-5.1256-1.0355i	10.2092+3.9380i	-1.1191-0.0933i
20.1	0.0244-0.0144i	0.0172-0.0075i	0.0361-0.0085i	-0.0040-0.0065i	23.0683+6.1205i	-4.9973-1.1299i	9.6778+3.9754i	-1.1199-0.1577i
20.2	0.0239-0.0146i	0.0174-0.0074i	0.0360-0.0083i	-0.0040-0.0064i	22.3821+6.1074i	-4.9183-1.2028i	9.2419+3.9768i	-1.1307-0.2021i
20.3	0.0234-0.0138i	0.0174-0.0071i	0.0360-0.0079i	-0.0045-0.0061i	21.9116+6.1234i	-4.8604-1.1754i	8.9355+3.9977i	-1.1342-0.1778i
20.4	0.0234-0.0145i	0.0175-0.0078i	0.0361-0.0084i	-0.0045-0.0066i	21.3356+6.0430i	-4.7839-1.1086i	8.5744+3.9264i	-1.1416-0.1568i
20.5	0.0229-0.0153i	0.0174-0.0081i	0.0361-0.0091i	-0.0048-0.0069i	20.9176+5.9348i	-4.7282-1.0810i	8.3265+3.8578i	-1.1459-0.1556i
20.6	0.0217-0.0146i	0.0176-0.0067i	0.0363-0.0084i	-0.0054-0.0063i	20.6003+5.5917i	-4.6804-0.9755i	8.1284+3.6485i	-1.1410-0.1205i
20.7	0.0214-0.0131i	0.0180-0.0057i	0.0362-0.0078i	-0.0056-0.0052i	20.2520+5.3404i	-4.5995-0.9117i	7.9060+3.4901i	-1.1265-0.0951i
20.8	0.0226-0.0122i	0.0194-0.0054i	0.0369-0.0082i	-0.0049-0.0042i	19.8976+5.0750i	-4.4098-0.8484i	7.6516+3.3025i	-1.0420-0.0738i
20.9	0.0242-0.0127i	0.0210-0.0067i	0.0378-0.0089i	-0.0040-0.0045i	19.6005+4.6114i	-4.2974-0.8339i	7.4623+2.9999i	-0.9891-0.1054i
21.0	0.0241-0.0135i	0.0213-0.0080i	0.0380-0.0096i	-0.0040-0.0047i	18.9729+4.1045i	-4.2029-0.8068i	7.0798+2.6801i	-0.9814-0.1409i
21.1	0.0238-0.0131i	0.0211-0.0085i	0.0375-0.0100i	-0.0043-0.0046i	18.6058+3.9437i	-4.1216-0.8054i	6.8453+2.5600i	-0.9677-0.1516i
21.2	0.0242-0.0123i	0.0217-0.0084i	0.0377-0.0099i	-0.0038-0.0041i	18.0399+3.5642i	-4.0153-0.7941i	6.4734+2.3415i	-0.9483-0.1761i
21.3	0.0247-0.0118i	0.0219-0.0085i	0.0378-0.0099i	-0.0037-0.0034i	17.5790+3.2205i	-3.8997-0.7413i	6.1764+2.1138i	-0.9177-0.1752i
21.4	0.0235-0.0123i	0.0203-0.0096i	0.0367-0.0108i	-0.0044-0.0035i	17.0213+2.8905i	-3.8472-0.7049i	5.8116+1.8787i	-0.9334-0.1865i
21.5	0.0234-0.0142i	0.0201-0.0117i	0.0363-0.0124i	-0.0042-0.0046i	16.5558+2.4653i	-3.7835-0.7040i	5.4973+1.6343i	-0.9342-0.2252i
21.6	0.0232-0.0140i	0.0199-0.0117i	0.0363-0.0124i	-0.0040-0.0044i	16.0572+2.1863i	-3.7042-0.6377i	5.1819+1.4657i	-0.9324-0.2143i
21.7	0.0246-0.0138i	0.0204-0.0122i	0.0368-0.0129i	-0.0032-0.0041i	15.5808+2.0111i	-3.6153-0.6381i	4.8755+1.3361i	-0.9112-0.2330i
21.8	0.0244-0.0144i	0.0204-0.0132i	0.0361-0.0136i	-0.0029-0.0043i	15.0345+1.8226i	-3.5254-0.6573i	4.5044+1.2239i	-0.9014-0.2514i
21.9	0.0238-0.0133i	0.0190-0.0120i	0.0348-0.0128i	-0.0032-0.0038i	14.4683+1.6947i	-3.4627-0.6186i	4.1509+1.1484i	-0.9180-0.2320i
22.0	0.0222-0.0142i	0.0177-0.0122i	0.0338-0.0130i	-0.0036-0.0044i	13.9616+1.6076i	-3.4052-0.5942i	3.8176+1.0927i	-0.9290-0.2305i
22.1	0.0220-0.0147i	0.0171-0.0130i	0.0333-0.0130i	-0.0035-0.0046i	13.4880+1.5504i	-3.3588-0.5888i	3.5285+1.0495i	-0.9377-0.2319i
22.2	0.0218-0.0135i	0.0160-0.0122i	0.0326-0.0122i	-0.0037-0.0043i	13.0252+1.4423i	-3.2866-0.5458i	3.2128+0.9776i	-0.9356-0.2118i
22.3	0.0220-0.0137i	0.0156-0.0126i	0.0324-0.0123i	-0.0037-0.0049i	12.6527+1.3096i	-3.2468-0.5350i	2.9698+0.8964i	-0.9406-0.2215i
22.4	0.0217-0.0121i	0.0155-0.0104i	0.0323-0.0113i	-0.0037-0.0039i	12.1787+1.1980i	-3.1406-0.4779i	2.6622+0.8363i	-0.9212-0.1954i
22.5	0.0231-0.0118i	0.0167-0.0098i	0.0334-0.0104i	-0.0026-0.0037i	11.8397+1.2260i	-3.0608-0.4671i	2.4432+0.8528i	-0.8977-0.1827i
22.6	0.0242-0.0115i	0.0181-0.0095i	0.0340-0.0097i	-0.0022-0.0039i	11.4218+1.1827i	-2.9711-0.4288i	2.1905+0.8225i	-0.8698-0.1631i
22.7	0.0254-0.0117i	0.0192-0.0093i	0.0347-0.0096i	-0.0014-0.0039i	11.0423+1.1439i	-2.8535-0.4253i	1.9333+0.7957i	-0.8312-0.1626i
22.8	0.0268-0.0132i	0.0205-0.0109i	0.0358-0.0105i	-0.0008-0.0049i	10.7444+1.1211i	-2.7714-0.4506i	1.7353+0.7869i	-0.8021-0.1837i
22.9	0.0296-0.0158i	0.0228-0.0133i	0.0373-0.0117i	0.0006-0.0067i	10.4167+1.1294i	-2.6646-0.4962i	1.5296+0.7692i	-0.7628-0.2162i
23.0	0.0294-0.0186i	0.0230-0.0160i	0.0373-0.0134i	0.0007-0.0083i	10.1174+1.0513i	-2.5895-0.5211i	1.3189+0.7341i	-0.7429-0.2467i
23.1	0.0279-0.0224i	0.0214-0.0195i	0.0364-0.0160i	-0.0002-0.0108i	9.8054+0.9397i	-2.5549-0.5596i	1.1286+0.7025i	-0.7448-0.2902i
23.2	0.0255-0.0231i	0.0197-0.0206i	0.0351-0.0164i	-0.0018-0.0116i	9.5235+0.8914i	-2.5410-0.5622i	0.9479+0.6746i	-0.7660-0.2960i
23.3	0.0227-0.0238i	0.0168-0.0212i	0.0336-0.0166i	-0.0037-0.0124i	9.1488+0.9278i	-2.5330-0.5797i	0.7289+0.6757i	-0.7946-0.2990i
23.4	0.0202-0.0244i	0.0142-0.0213i	0.0322-0.0169i	-0.0060-0.0123i	8.9256+0.9085i	-2.5122-0.5737i	0.5720+0.6511i	-0.8108-0.2978i
23.5	0.0191-0.0229i	0.0132-0.0196i	0.0317-0.0160i	-0.0067-0.0109i	8.7302+0.8131i	-2.4829-0.5560i	0.4200+0.6185i	-0.8126-0.2893i
23.6	0.0187-0.0220i	0.0127-0.0197i	0.0315-0.0156i	-0.0069-0.0106i	8.4523+0.7909i	-2.4523-0.5489i	0.2416+0.6162i	-0.8129-0.2816i
23.7	0.0163-0.0209i	0.0092-0.0189i	0.0300-0.0154i	-0.0085-0.0101i	8.1989+0.7845i	-2.4095-0.5040i	0.0676+0.6089i	-0.8075-0.2626i
23.8	0.0155-0.0187i	0.0083-0.0157i	0.0294-0.0135i	-0.0092-0.0087i	7.9964+0.8290i	-2.3532-0.4450i	-0.0538+0.5832i	-0.7883-0.2243i
23.9	0.0142-0.0177i	0.0073-0.0147i	0.0287-0.0129i	-0.0100-0.0079i	7.7041+0.7611i	-2.3212-0.4311i	-0.2400+0.5689i	-0.7964-0.2173i
24.0	0.0141-0.0168i	0.0074-0.0142i	0.0290-0.0129i	-0.0099-0.0071i	7.4867+0.7283i	-2.2816-0.4450i	-0.3703+0.5627i	-0.7906-0.2244i
24.1	0.0141-0.0152i	0.0064-0.0132i	0.0286-0.0120i	-0.0102-0.0064i	7.2212+0.7819i	-2.2571-0.4332i	-0.5476+0.5763i	-0.7991-0.2162i
24.2	0.0140-0.0138i	0.0061-0.0113i	0.0284-0.0108i	-0.0102-0.0056i	7.0032+0.7840i	-2.1888-0.4180i	-0.7076+0.5720i	-0.7700-0.2093i
24.3	0.0142-0.0130i	0.0068-0.0094i	0.0286-0.0100i	-0.0100-0.0050i	6.8237+0.7695i	-2.1351-0.4195i	-0.8308+0.5635i	-0.7504-0.2116i
24.4	0.0143-0.0125i	0.0071-0.0085i	0.0288-0.0097i	-0.0102-0.0043i	6.6132+0.7662i	-2.0913-0.4492i	-0.9708+0.5643i	-0.7462-0.2285i
24.5	0.0157-0.0114i	0.0084-0.0080i	0.0297-0.0092i	-0.0096-0.0037i	6.4137+0.7837i	-2.0510-0.4478i	-1.1021+0.5745i	-0.7358-0.2206i

24.6	0.0165-0.0107i	0.0086-0.0075i	0.0304-0.0090i	-0.0093-0.0035i	6.1948+0.7942i	-2.0232-0.4371i	-1.2412+0.5878i	-0.7347-0.2092i
24.7	0.0168-0.0111i	0.0100-0.0073i	0.0312-0.0090i	-0.0090-0.0035i	6.0097+0.7333i	-1.9733-0.4360i	-1.3607+0.5685i	-0.7190-0.2198i
24.8	0.0175-0.0111i	0.0113-0.0066i	0.0316-0.0090i	-0.0086-0.0034i	5.8295+0.7820i	-1.9442-0.4344i	-1.4888+0.5810i	-0.7198-0.2227i
24.9	0.0183-0.0109i	0.0122-0.0057i	0.0322-0.0087i	-0.0083-0.0030i	5.6640+0.8448i	-1.9130-0.4190i	-1.5903+0.5984i	-0.7098-0.2042i
25.0	0.0182-0.0100i	0.0122-0.0051i	0.0323-0.0085i	-0.0083-0.0024i	5.4975+0.8493i	-1.8876-0.4052i	-1.7028+0.6062i	-0.7019-0.1932i
25.1	0.0187-0.0098i	0.0130-0.0054i	0.0329-0.0083i	-0.0083-0.0021i	5.2813+0.8341i	-1.8514-0.4041i	-1.8257+0.6218i	-0.6960-0.1904i
25.2	0.0192-0.0097i	0.0138-0.0051i	0.0334-0.0082i	-0.0080-0.0016i	5.1402+0.8401i	-1.8138-0.3818i	-1.9119+0.6469i	-0.6839-0.1701i
25.3	0.0195-0.0090i	0.0141-0.0048i	0.0338-0.0081i	-0.0073-0.0015i	5.0341+0.8789i	-1.7653-0.3729i	-2.0118+0.6544i	-0.6650-0.1624i
25.4	0.0200-0.0094i	0.0140-0.0055i	0.0338-0.0085i	-0.0068-0.0021i	4.8834+0.9038i	-1.7147-0.3494i	-2.1126+0.6475i	-0.6456-0.1560i
25.5	0.0211-0.0092i	0.0149-0.0052i	0.0344-0.0085i	-0.0066-0.0017i	4.7414+0.9068i	-1.6630-0.3412i	-2.2067+0.6531i	-0.6215-0.1451i
25.6	0.0224-0.0085i	0.0174-0.0050i	0.0360-0.0082i	-0.0062-0.0011i	4.5623+0.8848i	-1.5913-0.3548i	-2.3089+0.6455i	-0.5777-0.1480i
25.7	0.0231-0.0088i	0.0185-0.0052i	0.0368-0.0084i	-0.0054-0.0011i	4.4479+0.9080i	-1.5463-0.3495i	-2.4076+0.6389i	-0.5551-0.1475i
25.8	0.0235-0.0080i	0.0190-0.0050i	0.0367-0.0085i	-0.0051-0.0007i	4.2832+0.8858i	-1.4846-0.3303i	-2.5090+0.6260i	-0.5395-0.1424i
25.9	0.0244-0.0082i	0.0194-0.0044i	0.0371-0.0088i	-0.0047-0.0008i	4.1793+0.8599i	-1.4379-0.3171i	-2.6172+0.6314i	-0.5213-0.1401i
26.0	0.0262-0.0083i	0.0210-0.0041i	0.0386-0.0088i	-0.0034-0.0002i	4.0761+0.8837i	-1.3769-0.3311i	-2.7124+0.6491i	-0.4824-0.1452i
26.1	0.0279-0.0078i	0.0230-0.0032i	0.0399-0.0087i	-0.0023+0.0001i	3.9160+0.9148i	-1.2902-0.3210i	-2.8218+0.6653i	-0.4302-0.1301i
26.2	0.0297-0.0073i	0.0248-0.0030i	0.0406-0.0086i	-0.0008+0.0007i	3.7688+0.9611i	-1.2014-0.3111i	-2.9101+0.6969i	-0.3784-0.1132i
26.3	0.0314-0.0082i	0.0268-0.0028i	0.0414-0.0091i	0.0009+0.0012i	3.7117+0.9762i	-1.0859-0.3199i	-2.9781+0.7246i	-0.3059-0.1248i
26.4	0.0351-0.0101i	0.0323-0.0041i	0.0440-0.0102i	0.0042+0.0003i	3.6027+0.9506i	-0.9014-0.4081i	-3.0692+0.7443i	-0.1845-0.1921i
26.5	0.0376-0.0119i	0.0362-0.0065i	0.0455-0.0117i	0.0069-0.0014i	3.5308+0.9961i	-0.8342-0.5157i	-3.1136+0.7547i	-0.1392-0.2629i
26.6	0.0403-0.0155i	0.0399-0.0123i	0.0474-0.0144i	0.0093-0.0053i	3.4514+0.9780i	-0.7631-0.6729i	-3.1722+0.7632i	-0.0880-0.3730i
26.7	0.0410-0.0183i	0.0421-0.0168i	0.0479-0.0164i	0.0101-0.0082i	3.3664+0.9107i	-0.7342-0.7832i	-3.2177+0.7457i	-0.0828-0.4647i
26.8	0.0410-0.0214i	0.0415-0.0219i	0.0477-0.0188i	0.0100-0.0114i	3.2644+0.8730i	-0.7435-0.9094i	-3.2940+0.7362i	-0.1010-0.5575i
26.9	0.0404-0.0244i	0.0405-0.0266i	0.0472-0.0211i	0.0097-0.0145i	3.1293+0.8157i	-0.7663-1.0093i	-3.3968+0.7191i	-0.1308-0.6336i
27.0	0.0398-0.0265i	0.0394-0.0291i	0.0465-0.0224i	0.0089-0.0157i	3.0164+0.8222i	-0.8016-1.0675i	-3.4678+0.7255i	-0.1638-0.6867i
27.1	0.0408-0.0293i	0.0390-0.0340i	0.0466-0.0246i	0.0090-0.0188i	2.8711+0.8304i	-0.7817-1.1599i	-3.5661+0.7210i	-0.1578-0.7623i
27.2	0.0413-0.0336i	0.0381-0.0393i	0.0469-0.0273i	0.0094-0.0226i	2.7254+0.8416i	-0.7832-1.2819i	-3.6587+0.7384i	-0.1763-0.8494i
27.3	0.0420-0.0389i	0.0380-0.0454i	0.0471-0.0307i	0.0096-0.0271i	2.5716+0.7922i	-0.8044-1.4521i	-3.7668+0.7459i	-0.1988-0.9676i
27.4	0.0410-0.0427i	0.0353-0.0492i	0.0456-0.0326i	0.0073-0.0303i	2.4656+0.7917i	-0.8831-1.5488i	-3.8208+0.7654i	-0.2654-1.0437i
27.5	0.0391-0.0472i	0.0320-0.0528i	0.0444-0.0351i	0.0046-0.0333i	2.3627+0.8546i	-0.9572-1.6137i	-3.8810+0.8053i	-0.3342-1.0992i
27.6	0.0367-0.0546i	0.0285-0.0603i	0.0429-0.0401i	0.0025-0.0382i	2.2226+0.8572i	-1.0298-1.7791i	-3.9729+0.8278i	-0.3997-1.2214i
27.7	0.0299-0.0627i	0.0209-0.0678i	0.0388-0.0449i	-0.0031-0.0438i	2.1052+0.8858i	-1.1880-1.9544i	-4.0388+0.8565i	-0.5348-1.3592i
27.8	0.0192-0.0694i	0.0089-0.0745i	0.0320-0.0486i	-0.0114-0.0491i	1.9614+0.9403i	-1.4650-2.0902i	-4.0895+0.8982i	-0.7530-1.4613i
27.9	0.0075-0.0712i	-0.0035-0.0758i	0.0247-0.0494i	-0.0207-0.0502i	1.8589+0.9681i	-1.7500-2.1146i	-4.1336+0.9201i	-0.9784-1.4706i
28.0	-0.0058-0.0674i	-0.0171-0.0707i	0.0163-0.0469i	-0.0308-0.0472i	1.7761+1.0165i	-2.0773-1.9961i	-4.1698+0.9280i	-1.2334-1.3782i
28.1	-0.0148-0.0580i	-0.0268-0.0617i	0.0107-0.0413i	-0.0378-0.0405i	1.6655+1.0433i	-2.2905-1.7377i	-4.2347+0.9291i	-1.4076-1.1896i
28.2	-0.0197-0.0482i	-0.0329-0.0523i	0.0069-0.0348i	-0.0415-0.0337i	1.5449+1.0665i	-2.3945-1.4751i	-4.3155+0.9198i	-1.5124-1.0001i
28.3	-0.0215-0.0384i	-0.0357-0.0416i	0.0059-0.0277i	-0.0431-0.0268i	1.4198+1.1599i	-2.4247-1.2137i	-4.4042+0.9724i	-1.5518-0.7836i
28.4	-0.0204-0.0321i	-0.0358-0.0339i	0.0074-0.0232i	-0.0439-0.0216i	1.3477+1.2494i	-2.3765-1.0477i	-4.4549+1.0121i	-1.5179-0.6425i
28.5	-0.0200-0.0261i	-0.0361-0.0266i	0.0083-0.0190i	-0.0451-0.0167i	1.2809+1.2624i	-2.3512-0.8830i	-4.5080+1.0125i	-1.5065-0.5199i
28.6	-0.0180-0.0205i	-0.0339-0.0200i	0.0103-0.0153i	-0.0444-0.0122i	1.1808+1.2967i	-2.2735-0.7317i	-4.5667+1.0349i	-1.4515-0.4039i
28.7	-0.0157-0.0154i	-0.0312-0.0133i	0.0119-0.0115i	-0.0430-0.0075i	1.1319+1.3221i	-2.2160-0.5913i	-4.6292+1.0700i	-1.4072-0.2875i
28.8	-0.0125-0.0125i	-0.0278-0.0093i	0.0142-0.0099i	-0.0410-0.0044i	1.0803+1.3916i	-2.1159-0.5109i	-4.6865+1.1126i	-1.3391-0.2232i
28.9	-0.0097-0.0104i	-0.0252-0.0061i	0.0163-0.0089i	-0.0396-0.0022i	1.0485+1.4691i	-2.0266-0.4525i	-4.7445+1.1586i	-1.2826-0.1801i
29.0	-0.0065-0.0088i	-0.0214-0.0023i	0.0193-0.0068i	-0.0376+0.0004i	0.9764+1.5444i	-1.9380-0.3874i	-4.8061+1.1977i	-1.2234-0.1283i
29.1	-0.0040-0.0073i	-0.0179+0.0000i	0.0217-0.0061i	-0.0358+0.0022i	0.8722+1.6320i	-1.8597-0.3516i	-4.8440+1.2549i	-1.1674-0.0927i
29.2	-0.0017-0.0067i	-0.0148+0.0008i	0.0241-0.0060i	-0.0344+0.0029i	0.8408+1.6711i	-1.7862-0.3559i	-4.8682+1.2947i	-1.1162-0.0808i
29.3	0.0005-0.0061i	-0.0118+0.0014i	0.0263-0.0065i	-0.0329+0.0039i	0.8202+1.6881i	-1.7229-0.3558i	-4.9041+1.3386i	-1.0682-0.0712i
29.4	0.0016-0.0059i	-0.0093+0.0023i	0.0281-0.0068i	-0.0316+0.0050i	0.7821+1.7700i	-1.6689-0.3305i	-4.9333+1.3940i	-1.0382-0.0542i
29.5	0.0027-0.0055i	-0.0060+0.0034i	0.0298-0.0071i	-0.0305+0.0060i	0.8303+1.8848i	-1.6028-0.3079i	-4.9140+1.4604i	-0.9880-0.0247i
29.6	0.0039-0.0051i	-0.0039+0.0035i	0.0313-0.0077i	-0.0295+0.0068i	0.8255+1.8929i	-1.5520-0.3064i	-4.9034+1.4760i	-0.9461-0.0195i
29.7	0.0051-0.0053i	-0.0009+0.0036i	0.0328-0.0082i	-0.0282+0.0079i	0.8232+1.8927i	-1.5105-0.3019i	-4.9089+1.4980i	-0.9149-0.0134i
29.8	0.0071-0.0049i	0.0012+0.0040i	0.0341-0.0086i	-0.0273+0.0089i	0.7945+1.9121i	-1.4601-0.2740i	-4.9165+1.5251i	-0.8763+0.0053i
29.9	0.0084-0.0051i	0.0033+0.0033i	0.0348-0.0098i	-0.0259+0.0098i	0.7787+1.9169i	-1.4130-0.2919i	-4.9317+1.5366i	-0.8442-0.0026i
30.0	0.0092-0.0051i	0.0059+0.0027i	0.0357-0.0110i	-0.0241+0.0102i	0.8220+1.9579i	-1.3870-0.2896i	-4.9299+1.5520i	-0.8098-0.0006i
30.1	0.0090-0.0050i	0.0102+0.0022i	0.0369-0.0121i	-0.0222+0.0110i	0.7992+1.9860i	-1.3374-0.2767i	-4.9029+1.5639i	-0.7730+0.0058i
30.2	0.0083-0.0046i	0.0138+0.0006i	0.0374-0.0130i	-0.0209+0.0111i	0.8022+1.9599i	-1.2903-0.2756i	-4.9070+1.5459i	-0.7427+0.0039i
30.3	0.0086-0.0031i	0.0166-0.0039i	0.0379-0.0147i	-0.0195+0.0102i	0.8000+1.9246i	-1.2553-0.2942i	-4.9325+1.5325i	-0.7106-0.0156i
30.4	0.0113-0.0003i	0.0166-0.0088i	0.0384-0.0158i	-0.0181+0.0101i	0.7505+1.9350i	-1.1992-0.3073i	-4.9589+1.5556i	-0.6727-0.0300i
30.5	0.0135+0.0005i	0.0137-0.0107i	0.0381-0.0164i	-0.0173+0.0106i	0.8063+1.9966i	-1.1832-0.3149i	-4.9434+1.5951i	-0.6507-0.0317i
30.6	0.0149-0.0010i	0.0109-0.0105i	0.0368-0.0171i	-0.0170+0.0099i	0.8568+1.9789i	-1.1859-0.3366i	-4.9029+1.6049i	-0.6419-0.0394i
30.7	0.0171-0.0019i	0.0097-0.0096i	0.0364-0.0168i	-0.0161+0.0095i	0.8630+1.9368i	-1.1641-0.3404i	-4.8838+1.5637i	-0.6319-0.0461i
30.8	0.0187-0.0009i	0.0102-0.0076i	0.0367-0.0155i	-0.0149+0.0106i	0.8566+1.8585i	-1.1496-0.2831i	-4.8811+1.5353i	-0.6194-0.0207i

30.9	0.0198-0.0016i	0.0115-0.0070i	0.0373-0.0154i	-0.0136+0.0102i	0.8338+1.7934i	-1.1025-0.2732i	-4.8916+1.4737i	-0.5871-0.0203i
31.0	0.0210-0.0009i	0.0126-0.0061i	0.0377-0.0149i	-0.0128+0.0108i	0.8377+1.7409i	-1.0612-0.2672i	-4.8806+1.4062i	-0.5569-0.0139i
31.1	0.0226-0.0000i	0.0144-0.0063i	0.0383-0.0146i	-0.0114+0.0110i	0.7850+1.6784i	-1.0275-0.2562i	-4.9061+1.3550i	-0.5247-0.0195i
31.2	0.0251-0.0005i	0.0168-0.0071i	0.0405-0.0156i	-0.0094+0.0101i	0.7612+1.5639i	-0.9723-0.2640i	-4.9353+1.2960i	-0.4870-0.0282i
31.3	0.0279-0.0005i	0.0193-0.0086i	0.0425-0.0157i	-0.0075+0.0096i	0.7126+1.4781i	-0.9210-0.2811i	-4.9953+1.2509i	-0.4430-0.0467i
31.4	0.0308-0.0004i	0.0220-0.0100i	0.0444-0.0158i	-0.0058+0.0091i	0.6376+1.4168i	-0.8529-0.2862i	-5.0577+1.2043i	-0.4010-0.0657i
31.5	0.0321-0.0024i	0.0239-0.0111i	0.0456-0.0172i	-0.0048+0.0077i	0.5486+1.3571i	-0.8045-0.3008i	-5.1136+1.1732i	-0.3674-0.0790i
31.6	0.0330-0.0037i	0.0249-0.0132i	0.0465-0.0187i	-0.0044+0.0064i	0.4518+1.2819i	-0.7603-0.3298i	-5.1847+1.1288i	-0.3349-0.1111i
31.7	0.0351-0.0023i	0.0259-0.0134i	0.0478-0.0184i	-0.0036+0.0065i	0.3480+1.2737i	-0.7089-0.3270i	-5.2612+1.1004i	-0.3070-0.1193i
31.8	0.0381-0.0038i	0.0289-0.0155i	0.0496-0.0195i	-0.0017+0.0056i	0.2815+1.2573i	-0.6356-0.3739i	-5.3358+1.0825i	-0.2608-0.1515i
31.9	0.0426-0.0060i	0.0315-0.0179i	0.0518-0.0212i	0.0003+0.0044i	0.1656+1.2588i	-0.5811-0.4213i	-5.4179+1.0556i	-0.2206-0.1986i
32.0	0.0433-0.0097i	0.0326-0.0209i	0.0523-0.0237i	0.0010+0.0020i	0.0665+1.1995i	-0.5616-0.4657i	-5.4965+1.0593i	-0.2099-0.2476i
32.1	0.0432-0.0126i	0.0338-0.0241i	0.0527-0.0254i	0.0009-0.0003i	-0.0083+1.1873i	-0.5258-0.5204i	-5.5809+1.0619i	-0.2039-0.2985i
32.2	0.0455-0.0166i	0.0343-0.0280i	0.0539-0.0278i	0.0016-0.0027i	-0.0735+1.1985i	-0.4897-0.5984i	-5.6496+1.0616i	-0.1783-0.3628i
32.3	0.0487-0.0202i	0.0350-0.0335i	0.0555-0.0310i	0.0026-0.0064i	-0.2403+1.1785i	-0.4380-0.7057i	-5.7377+1.0812i	-0.1409-0.4451i
32.4	0.0489-0.0231i	0.0359-0.0378i	0.0567-0.0335i	0.0028-0.0089i	-0.3586+1.1939i	-0.4115-0.7773i	-5.8304+1.0931i	-0.1381-0.5108i
32.5	0.0495-0.0299i	0.0352-0.0421i	0.0569-0.0381i	0.0018-0.0125i	-0.4790+1.1923i	-0.4292-0.8642i	-5.9235+1.1044i	-0.1687-0.5852i
32.6	0.0474-0.0348i	0.0337-0.0473i	0.0561-0.0413i	-0.0001-0.0155i	-0.5712+1.1732i	-0.4665-0.9591i	-6.0073+1.1220i	-0.2102-0.6589i
32.7	0.0450-0.0384i	0.0326-0.0522i	0.0558-0.0442i	-0.0019-0.0184i	-0.6979+1.1628i	-0.4921-1.0519i	-6.1155+1.1395i	-0.2481-0.7347i
32.8	0.0389-0.0425i	0.0293-0.0569i	0.0527-0.0484i	-0.0058-0.0206i	-0.8107+1.2483i	-0.5512-1.1204i	-6.2043+1.1902i	-0.3051-0.7893i
32.9	0.0315-0.0476i	0.0253-0.0633i	0.0494-0.0529i	-0.0104-0.0233i	-0.9114+1.3098i	-0.6270-1.2203i	-6.2702+1.2280i	-0.3853-0.8677i
33.0	0.0227-0.0493i	0.0192-0.0688i	0.0446-0.0560i	-0.0165-0.0248i	-1.1063+1.3584i	-0.7634-1.2981i	-6.3719+1.2792i	-0.5199-0.9245i
33.1	0.0148-0.0484i	0.0128-0.0728i	0.0400-0.0579i	-0.0218-0.0249i	-1.2580+1.4685i	-0.8946-1.3326i	-6.4953+1.3410i	-0.6436-0.9504i
33.2	0.0055-0.0415i	0.0038-0.0739i	0.0338-0.0573i	-0.0284-0.0215i	-1.3589+1.5533i	-1.0505-1.2913i	-6.5892+1.4113i	-0.7875-0.9157i
33.3	-0.0017-0.0329i	-0.0049-0.0727i	0.0290-0.0554i	-0.0332-0.0166i	-1.4738+1.6919i	-1.2107-1.1895i	-6.6778+1.5145i	-0.9328-0.8200i
33.4	-0.0012-0.0216i	-0.0110-0.0667i	0.0271-0.0509i	-0.0357-0.0089i	-1.5583+1.8875i	-1.3135-1.0267i	-6.7537+1.6858i	-1.0240-0.6501i
33.5	0.0033-0.0120i	-0.0139-0.0629i	0.0273-0.0474i	-0.0349-0.0036i	-1.5563+2.0345i	-1.3130-0.8971i	-6.7592+1.8049i	-1.0186-0.5340i
33.6	0.0104-0.0051i	-0.0139-0.0584i	0.0281-0.0446i	-0.0311+0.0012i	-1.4674+2.1559i	-1.2411-0.7599i	-6.7292+1.9172i	-0.9539-0.4013i
33.7	0.0171-0.0019i	-0.0121-0.0524i	0.0304-0.0423i	-0.0268+0.0055i	-1.4267+2.2593i	-1.1542-0.6435i	-6.7244+2.0141i	-0.8702-0.2814i
33.8	0.0222+0.0016i	-0.0102-0.0481i	0.0327-0.0402i	-0.0240+0.0095i	-1.4569+2.3162i	-1.0704-0.5408i	-6.6958+2.1285i	-0.7994-0.1771i
33.9	0.0291+0.0066i	-0.0079-0.0480i	0.0350-0.0389i	-0.0198+0.0112i	-1.4105+2.3891i	-0.9507-0.4846i	-6.6579+2.1515i	-0.7023-0.1411i
34.0	0.0420+0.0050i	-0.0017-0.0511i	0.0407-0.0409i	-0.0130+0.0100i	-1.3747+2.4401i	-0.7523-0.5090i	-6.6913+2.1913i	-0.5316-0.1608i
34.1	0.0473+0.0025i	0.0015-0.0577i	0.0433-0.0442i	-0.0096+0.0069i	-1.3609+2.4284i	-0.6274-0.6072i	-6.6869+2.2268i	-0.4357-0.2465i
34.2	0.0534-0.0009i	-0.0001-0.0648i	0.0444-0.0482i	-0.0068+0.0036i	-1.3584+2.4707i	-0.5875-0.6923i	-6.6894+2.2563i	-0.3909-0.3285i
34.3	0.0584-0.0066i	-0.0003-0.0722i	0.0452-0.0534i	-0.0050-0.0006i	-1.3911+2.4778i	-0.5590-0.8070i	-6.7241+2.3086i	-0.3486-0.4119i
34.4	0.0618-0.0114i	-0.0033-0.0759i	0.0449-0.0565i	-0.0052-0.0032i	-1.4460+2.5246i	-0.5307-0.8720i	-6.7758+2.3299i	-0.3356-0.4632i
34.5	0.0646-0.0140i	-0.0096-0.0840i	0.0432-0.0611i	-0.0055-0.0058i	-1.4703+2.5685i	-0.5512-0.9776i	-6.7975+2.3841i	-0.3530-0.5516i
34.6	0.0679-0.0164i	-0.0175-0.0915i	0.0406-0.0651i	-0.0063-0.0084i	-1.4928+2.6247i	-0.5705-1.0698i	-6.8061+2.4671i	-0.3776-0.6222i
34.7	0.0701-0.0200i	-0.0246-0.0967i	0.0383-0.0681i	-0.0080-0.0109i	-1.5045+2.6815i	-0.5839-1.1377i	-6.8053+2.5487i	-0.3991-0.6763i
34.8	0.0740-0.0270i	-0.0335-0.1038i	0.0359-0.0733i	-0.0089-0.0152i	-1.5642+2.8001i	-0.6073-1.2561i	-6.8408+2.6332i	-0.4240-0.7704i
34.9	0.0745-0.0330i	-0.0442-0.1080i	0.0322-0.0777i	-0.0121-0.0182i	-1.5838+2.8816i	-0.6692-1.3248i	-6.8487+2.7458i	-0.4758-0.8371i
35.0	0.0749-0.0370i	-0.0576-0.1083i	0.0262-0.0794i	-0.0163-0.0189i	-1.5660+2.9481i	-0.7509-1.3633i	-6.8306+2.8152i	-0.5486-0.8692i
35.1	0.0743-0.0412i	-0.0727-0.1064i	0.0199-0.0808i	-0.0203-0.0188i	-1.6001+3.0052i	-0.8604-1.4185i	-6.8313+2.8975i	-0.6485-0.8946i
35.2	0.0743-0.0410i	-0.0900-0.1008i	0.0133-0.0791i	-0.0256-0.0161i	-1.6164+3.0980i	-0.9912-1.3984i	-6.8265+2.9806i	-0.7603-0.8571i
35.3	0.0766-0.0434i	-0.1030-0.0960i	0.0087-0.0787i	-0.0283-0.0140i	-1.6214+3.2154i	-1.0660-1.3720i	-6.8344+3.0808i	-0.8225-0.8254i
35.4	0.0764-0.0499i	-0.1147-0.0889i	0.0036-0.0791i	-0.0309-0.0135i	-1.5959+3.3127i	-1.1274-1.3972i	-6.8179+3.1917i	-0.8797-0.8474i
35.5	0.0782-0.0513i	-0.1254-0.0783i	-0.0008-0.0768i	-0.0332-0.0102i	-1.5465+3.4023i	-1.1842-1.3570i	-6.7498+3.3102i	-0.9343-0.7986i
35.6	0.0805-0.0555i	-0.1340-0.0671i	-0.0048-0.0746i	-0.0337-0.0073i	-1.5344+3.5064i	-1.2276-1.3210i	-6.6873+3.4165i	-0.9642-0.7542i
35.7	0.0820-0.0556i	-0.1415-0.0554i	-0.0078-0.0710i	-0.0347-0.0028i	-1.4250+3.6023i	-1.2976-1.2874i	-6.6491+3.5010i	-1.0072-0.7103i
35.8	0.0865-0.0589i	-0.1471-0.0426i	-0.0093-0.0673i	-0.0339+0.0009i	-1.3365+3.7091i	-1.3263-1.2348i	-6.5679+3.6104i	-1.0211-0.6470i
35.9	0.0901-0.0643i	-0.1532-0.0305i	-0.0121-0.0650i	-0.0326+0.0035i	-1.2479+3.7927i	-1.3572-1.1972i	-6.4799+3.6844i	-1.0411-0.6116i
36.0	0.0935-0.0725i	-0.1548-0.0175i	-0.0126-0.0625i	-0.0303+0.0044i	-1.2003+3.8115i	-1.3595-1.1646i	-6.3856+3.7128i	-1.0352-0.5803i
36.1	0.1003-0.0789i	-0.1557-0.0048i	-0.0118-0.0598i	-0.0276+0.0061i	-1.0959+3.8232i	-1.3401-1.1112i	-6.2846+3.7643i	-1.0084-0.5340i
36.2	0.1047-0.0837i	-0.1563+0.0071i	-0.0117-0.0577i	-0.0255+0.0083i	-0.9955+3.8436i	-1.3295-1.0704i	-6.2427+3.8075i	-0.9907-0.4804i
36.3	0.1083-0.0961i	-0.1589+0.0200i	-0.0123-0.0565i	-0.0236+0.0083i	-0.9194+3.8503i	-1.3280-1.0671i	-6.1749+3.8047i	-0.9773-0.4780i
36.4	0.1116-0.1062i	-0.1606+0.0297i	-0.0130-0.0558i	-0.0218+0.0078i	-0.9203+3.8401i	-1.3321-1.0499i	-6.1606+3.8523i	-0.9720-0.4798i
36.5	0.1127-0.1214i	-0.1612+0.0427i	-0.0138-0.0547i	-0.0204+0.0065i	-0.8750+3.9243i	-1.3322-1.0334i	-6.0989+3.8893i	-0.9750-0.4764i
36.6	0.1106-0.1386i	-0.1626+0.0596i	-0.0162-0.0536i	-0.0206+0.0063i	-0.7895+3.9875i	-1.3636-1.0436i	-6.0594+3.9430i	-0.9996-0.4781i
36.7	0.1052-0.1546i	-0.1630+0.0760i	-0.0186-0.0525i	-0.0217+0.0055i	-0.7421+3.9498i	-1.3992-1.0417i	-5.9990+3.9591i	-1.0193-0.4676i
36.8	0.1034-0.1705i	-0.1629+0.0933i	-0.0201-0.0510i	-0.0210+0.0052i	-0.7229+3.9803i	-1.4118-1.0221i	-5.9328+4.0480i	-1.0321-0.4420i
36.9	0.0934-0.1922i	-0.1576+0.1157i	-0.0226-0.0491i	-0.0219+0.0046i	-0.6649+4.0233i	-1.4252-0.9998i	-5.8599+4.0990i	-1.0451-0.4182i
37.0	0.0844-0.2022i	-0.1542+0.1336i	-0.0242-0.0454i	-0.0229+0.0068i	-0.6216+4.0290i	-1.4537-0.9468i	-5.8401+4.1231i	-1.0837-0.3715i
37.1	0.0720-0.2200i	-0.1385+0.1617i	-0.0228-0.0405i	-0.0211+0.0094i	-0.5936+4.1427i	-1.4310-0.8921i	-5.7611+4.2193i	-1.0404-0.3008i

37.2	0.0636-0.2386i	-0.1230+0.1819i	-0.0215-0.0397i	-0.0182+0.0095i	-0.5076+4.2221i	-1.3881-0.9084i	-5.6895+4.3429i	-0.9927-0.2951i
37.3	0.0487-0.2618i	-0.1043+0.2029i	-0.0211-0.0399i	-0.0150+0.0090i	-0.3931+4.3237i	-1.3584-0.9427i	-5.6224+4.5042i	-0.9549-0.3117i
37.4	0.0187-0.2878i	-0.0751+0.2232i	-0.0218-0.0399i	-0.0139+0.0066i	-0.2633+4.4465i	-1.3526-0.9717i	-5.4444+4.6397i	-0.9249-0.3328i
37.5	-0.0122-0.3076i	-0.0479+0.2396i	-0.0226-0.0405i	-0.0133+0.0046i	-0.1174+4.5455i	-1.3680-1.0037i	-5.3037+4.7564i	-0.9259-0.3625i
37.6	-0.0520-0.3136i	-0.0145+0.2434i	-0.0242-0.0399i	-0.0143+0.0021i	0.0606+4.5318i	-1.4182-1.0282i	-5.1103+4.7611i	-0.9566-0.3890i
37.7	-0.1026-0.3213i	0.0249+0.2506i	-0.0285-0.0381i	-0.0168+0.0005i	0.2086+4.5723i	-1.4967-1.0532i	-4.8432+4.8299i	-1.0086-0.3975i
37.8	-0.1694-0.3131i	0.0742+0.2525i	-0.0351-0.0338i	-0.0207+0.0011i	0.4927+4.5777i	-1.6446-1.0186i	-4.5284+4.9277i	-1.0928-0.3575i
37.9	-0.2113-0.2825i	0.1097+0.2380i	-0.0372-0.0278i	-0.0219+0.0042i	0.7452+4.5371i	-1.7016-0.9469i	-4.2932+4.8660i	-1.1321-0.2907i
38.0	-0.2594-0.2299i	0.1572+0.2106i	-0.0366-0.0174i	-0.0211+0.0095i	1.0283+4.4294i	-1.7411-0.8174i	-3.9664+4.7636i	-1.1272-0.1677i
38.1	-0.2720-0.1799i	0.1839+0.1723i	-0.0306-0.0121i	-0.0169+0.0107i	1.1729+4.2377i	-1.6745-0.7391i	-3.7783+4.5813i	-1.0512-0.1198i
38.2	-0.2733-0.1309i	0.1984+0.1293i	-0.0253-0.0096i	-0.0135+0.0102i	1.2937+4.0610i	-1.6427-0.6997i	-3.6544+4.4173i	-0.9895-0.1008i
38.3	-0.2751-0.0849i	0.2115+0.0901i	-0.0205-0.0069i	-0.0111+0.0103i	1.4200+3.9357i	-1.6202-0.6738i	-3.4764+4.3013i	-0.9481-0.0929i
38.4	-0.2723-0.0533i	0.2175+0.0591i	-0.0171-0.0061i	-0.0088+0.0091i	1.5381+3.8759i	-1.6104-0.6647i	-3.3338+4.2533i	-0.9198-0.1052i
38.5	-0.2513-0.0162i	0.2041+0.0138i	-0.0143-0.0081i	-0.0079+0.0051i	1.6874+3.7006i	-1.6095-0.6818i	-3.1339+4.0381i	-0.9037-0.1492i
38.6	-0.2369+0.0083i	0.1913-0.0131i	-0.0136-0.0085i	-0.0083+0.0032i	1.7962+3.5436i	-1.6291-0.6815i	-2.9888+3.9373i	-0.9031-0.1602i
38.7	-0.2167+0.0295i	0.1742-0.0361i	-0.0122-0.0088i	-0.0085+0.0014i	1.8822+3.3879i	-1.6432-0.6700i	-2.8834+3.8027i	-0.9002-0.1611i
38.8	-0.1912+0.0528i	0.1521-0.0592i	-0.0104-0.0083i	-0.0082-0.0004i	2.0315+3.1595i	-1.6749-0.6163i	-2.7251+3.5486i	-0.8999-0.1554i
38.9	-0.1713+0.0668i	0.1341-0.0743i	-0.0096-0.0077i	-0.0101-0.0024i	2.1037+2.8945i	-1.6941-0.5868i	-2.6145+3.3088i	-0.8986-0.1424i
39.0	-0.1479+0.0731i	0.1121-0.0817i	-0.0085-0.0075i	-0.0117-0.0032i	2.0879+2.6987i	-1.6946-0.5528i	-2.5422+3.0462i	-0.9075-0.1320i
39.1	-0.1263+0.0786i	0.0909-0.0853i	-0.0076-0.0062i	-0.0129-0.0026i	2.0816+2.5073i	-1.7108-0.5096i	-2.5014+2.8133i	-0.9196-0.1191i
39.2	-0.1091+0.0826i	0.0757-0.0876i	-0.0061-0.0053i	-0.0134-0.0019i	2.0647+2.3324i	-1.7072-0.4569i	-2.4836+2.6352i	-0.9041-0.0930i
39.3	-0.0881+0.0829i	0.0589-0.0866i	-0.0034-0.0046i	-0.0135-0.0017i	2.0803+2.1039i	-1.6965-0.3983i	-2.4757+2.4020i	-0.8797-0.0694i
39.4	-0.0713+0.0789i	0.0472-0.0838i	-0.0013-0.0047i	-0.0126-0.0013i	2.0069+1.8935i	-1.6672-0.3679i	-2.5290+2.1785i	-0.8653-0.0483i
39.5	-0.0537+0.0749i	0.0337-0.0817i	0.0009-0.0047i	-0.0130-0.0017i	1.9620+1.6937i	-1.6401-0.3080i	-2.5197+1.9470i	-0.8498-0.0317i
39.6	-0.0444+0.0660i	0.0240-0.0766i	0.0016-0.0058i	-0.0144-0.0026i	1.8833+1.5035i	-1.6246-0.2761i	-2.5908+1.7624i	-0.8434-0.0255i
39.7	-0.0400+0.0600i	0.0165-0.0700i	0.0016-0.0062i	-0.0157-0.0021i	1.7771+1.3366i	-1.6160-0.2340i	-2.6920+1.5526i	-0.8325-0.0200i
39.8	-0.0281+0.0604i	0.0109-0.0672i	0.0042-0.0052i	-0.0147-0.0010i	1.7033+1.2196i	-1.5652-0.2034i	-2.7514+1.3867i	-0.7908-0.0040i
39.9	-0.0157+0.0544i	0.0050-0.0639i	0.0069-0.0060i	-0.0132-0.0020i	1.5911+1.1133i	-1.5186-0.1952i	-2.8685+1.2329i	-0.7607-0.0036i
40.0	-0.0106+0.0451i	0.0015-0.0594i	0.0088-0.0084i	-0.0127-0.0027i	1.4287+1.0041i	-1.4826-0.1726i	-3.0068+1.0884i	-0.7558-0.0090i
40.1	-0.0041+0.0336i	-0.0027-0.0544i	0.0099-0.0098i	-0.0135-0.0034i	1.3130+0.8537i	-1.4436-0.1604i	-3.1206+0.9446i	-0.7226-0.0187i
40.2	0.0012+0.0277i	-0.0077-0.0483i	0.0107-0.0097i	-0.0137-0.0035i	1.2346+0.7790i	-1.4307-0.1588i	-3.2154+0.8559i	-0.7197-0.0248i
40.3	0.0049+0.0236i	-0.0098-0.0432i	0.0123-0.0099i	-0.0134-0.0035i	1.0803+0.7101i	-1.4245-0.1401i	-3.3280+0.7737i	-0.7007-0.0258i
40.4	0.0071+0.0169i	-0.0085-0.0410i	0.0137-0.0111i	-0.0125-0.0047i	0.9876+0.6496i	-1.3847-0.1543i	-3.4235+0.7079i	-0.6775-0.0491i
40.5	0.0080+0.0093i	-0.0104-0.0389i	0.0133-0.0131i	-0.0134-0.0063i	0.8846+0.6037i	-1.3411-0.1518i	-3.5122+0.6390i	-0.6635-0.0663i
40.6	0.0108+0.0006i	-0.0138-0.0354i	0.0139-0.0152i	-0.0146-0.0074i	0.7247+0.5336i	-1.3202-0.1555i	-3.6303+0.5473i	-0.6482-0.0754i
40.7	0.0090-0.0052i	-0.0143-0.0350i	0.0140-0.0175i	-0.0144-0.0083i	0.6721+0.4802i	-1.3051-0.1708i	-3.7285+0.4938i	-0.6582-0.0944i
40.8	0.0092-0.0102i	-0.0154-0.0350i	0.0143-0.0194i	-0.0149-0.0096i	0.5918+0.4440i	-1.3112-0.1680i	-3.8082+0.4521i	-0.6646-0.0909i
40.9	0.0105-0.0166i	-0.0201-0.0305i	0.0134-0.0199i	-0.0172-0.0101i	0.4922+0.4132i	-1.3109-0.1635i	-3.9136+0.3908i	-0.6673-0.1039i
41.0	0.0065-0.0232i	-0.0231-0.0246i	0.0123-0.0206i	-0.0198-0.0101i	0.3559+0.3730i	-1.2973-0.1557i	-4.0337+0.3253i	-0.6899-0.1152i
41.1	0.0027-0.0279i	-0.0231-0.0221i	0.0105-0.0223i	-0.0211-0.0098i	0.2456+0.3245i	-1.2896-0.1611i	-4.1181+0.2978i	-0.6996-0.1094i
41.2	-0.0000-0.0299i	-0.0234-0.0210i	0.0092-0.0228i	-0.0230-0.0093i	0.1592+0.2462i	-1.2812-0.1274i	-4.2352+0.2901i	-0.6663-0.0918i
41.3	0.0012-0.0324i	-0.0257-0.0175i	0.0096-0.0222i	-0.0232-0.0096i	0.0595+0.2717i	-1.2471-0.1288i	-4.3368+0.2478i	-0.6523-0.0959i
41.4	-0.0016-0.0398i	-0.0290-0.0138i	0.0083-0.0234i	-0.0251-0.0103i	0.0174+0.2666i	-1.2513-0.1404i	-4.3947+0.2398i	-0.6783-0.1039i
41.5	-0.0075-0.0430i	-0.0294-0.0081i	0.0062-0.0235i	-0.0270-0.0088i	-0.0452+0.2804i	-1.2512-0.1359i	-4.4647+0.2151i	-0.7014-0.0911i
41.6	-0.0122-0.0464i	-0.0268-0.0021i	0.0054-0.0233i	-0.0281-0.0078i	-0.1582+0.2776i	-1.2464-0.1308i	-4.5664+0.2120i	-0.6897-0.0992i
41.7	-0.0197-0.0469i	-0.0233+0.0023i	0.0050-0.0217i	-0.0290-0.0056i	-0.2726+0.2957i	-1.2438-0.1186i	-4.6821+0.2037i	-0.6825-0.0870i
41.8	-0.0239-0.0429i	-0.0192+0.0038i	0.0051-0.0205i	-0.0294-0.0034i	-0.3433+0.3157i	-1.2222-0.0993i	-4.7423+0.2124i	-0.6725-0.0722i
41.9	-0.0289-0.0422i	-0.0193+0.0035i	0.0038-0.0205i	-0.0304-0.0035i	-0.3953+0.3035i	-1.2075-0.0685i	-4.7931+0.2056i	-0.6569-0.0422i
42.0	-0.0295-0.0399i	-0.0181+0.0071i	0.0043-0.0193i	-0.0300-0.0021i	-0.4345+0.3127i	-1.1904-0.0655i	-4.8468+0.2002i	-0.6537-0.0442i
42.1	-0.0338-0.0426i	-0.0189+0.0086i	0.0032-0.0200i	-0.0320-0.0022i	-0.4756+0.3328i	-1.1846-0.0849i	-4.9038+0.1952i	-0.6600-0.0579i
42.2	-0.0405-0.0383i	-0.0179+0.0125i	0.0012-0.0173i	-0.0338+0.0015i	-0.5154+0.3451i	-1.1705-0.0731i	-4.9615+0.2255i	-0.6567-0.0352i
42.3	-0.0404-0.0363i	-0.0169+0.0169i	0.0016-0.0154i	-0.0337+0.0040i	-0.5114+0.3210i	-1.1640-0.0532i	-4.9770+0.2309i	-0.6484-0.0226i
42.4	-0.0426-0.0323i	-0.0110+0.0207i	0.0032-0.0133i	-0.0322+0.0069i	-0.6157+0.3135i	-1.1441-0.0410i	-5.0655+0.2102i	-0.6281-0.0137i
42.5	-0.0430-0.0314i	-0.0069+0.0219i	0.0043-0.0135i	-0.0310+0.0076i	-0.6567+0.2964i	-1.1242-0.0434i	-5.1146+0.2194i	-0.6097-0.0267i
42.6	-0.0460-0.0277i	-0.0008+0.0238i	0.0053-0.0117i	-0.0295+0.0086i	-0.7057+0.2955i	-1.1131-0.0443i	-5.1663+0.2096i	-0.5934-0.0158i
42.7	-0.0471-0.0231i	0.0035+0.0236i	0.0063-0.0104i	-0.0286+0.0107i	-0.7695+0.3087i	-1.0998-0.0386i	-5.2136+0.2051i	-0.5806-0.0000i
42.8	-0.0523-0.0161i	0.0085+0.0194i	0.0061-0.0101i	-0.0291+0.0119i	-0.8200+0.3303i	-1.0968-0.0067i	-5.2518+0.2524i	-0.5868+0.0238i
42.9	-0.0517-0.0089i	0.0073+0.0160i	0.0068-0.0081i	-0.0291+0.0132i	-0.8443+0.2722i	-1.0890-0.0036i	-5.2442+0.2257i	-0.5693+0.0293i
43.0	-0.0445-0.0029i	0.0076+0.0157i	0.0096-0.0066i	-0.0263+0.0145i	-0.8785+0.2601i	-1.0697+0.0057i	-5.2981+0.1891i	-0.5337+0.0412i
43.1	-0.0385-0.0032i	0.0108+0.0178i	0.0121-0.0068i	-0.0237+0.0152i	-0.9310+0.2453i	-1.0382+0.0232i	-5.3619+0.1456i	-0.4961+0.0362i
43.2	-0.0403-0.0009i	0.0137+0.0161i	0.0130-0.0068i	-0.0235+0.0157i	-0.9887+0.2542i	-1.0316+0.0322i	-5.4008+0.1480i	-0.4825+0.0218i
43.3	-0.0338+0.0014i	0.0141+0.0124i	0.0154-0.0080i	-0.0215+0.0153i	-1.0642+0.2416i	-0.9837+0.0148i	-5.4773+0.1413i	-0.4624-0.0044i
43.4	-0.0277-0.0019i	0.0104+0.0121i	0.0163-0.0100i	-0.0214+0.0142i	-1.0997+0.2614i	-0.9571-0.0008i	-5.5100+0.1767i	-0.4462-0.0224i

43.5	-0.0289-0.0048i	0.0100+0.0172i	0.0159-0.0102i	-0.0218+0.0152i	-1.0819+0.2573i	-0.9521-0.0190i	-5.5063+0.1644i	-0.4465-0.0172i
43.6	-0.0302-0.0031i	0.0141+0.0201i	0.0170-0.0084i	-0.0216+0.0176i	-1.1278+0.2071i	-0.9321-0.0147i	-5.5316+0.1214i	-0.4161-0.0058i
43.7	-0.0269-0.0010i	0.0192+0.0209i	0.0206-0.0079i	-0.0186+0.0187i	-1.1860+0.2203i	-0.9092-0.0140i	-5.6067+0.0913i	-0.3848-0.0042i
43.8	-0.0250+0.0009i	0.0228+0.0170i	0.0221-0.0089i	-0.0162+0.0187i	-1.2558+0.2226i	-0.8881-0.0182i	-5.7162+0.0906i	-0.3747-0.0205i
43.9	-0.0239+0.0013i	0.0252+0.0154i	0.0227-0.0105i	-0.0151+0.0184i	-1.3228+0.2173i	-0.8813-0.0274i	-5.7788+0.1112i	-0.3591-0.0386i
44.0	-0.0212+0.0054i	0.0236+0.0151i	0.0240-0.0097i	-0.0141+0.0191i	-1.3699+0.2359i	-0.8706-0.0336i	-5.8341+0.1525i	-0.3294-0.0287i
44.1	-0.0139+0.0017i	0.0252+0.0210i	0.0261-0.0098i	-0.0111+0.0198i	-1.4332+0.2738i	-0.8348-0.0308i	-5.8634+0.1742i	-0.3107-0.0356i
44.2	-0.0111+0.0004i	0.0341+0.0253i	0.0300-0.0095i	-0.0073+0.0212i	-1.4567+0.2873i	-0.8047-0.0082i	-5.8902+0.1607i	-0.2873-0.0345i
44.3	-0.0055-0.0021i	0.0433+0.0237i	0.0341-0.0111i	-0.0020+0.0200i	-1.5180+0.2423i	-0.7507-0.0299i	-5.9301+0.1631i	-0.2284-0.0640i
44.4	-0.0068-0.0111i	0.0500+0.0159i	0.0357-0.0175i	0.0001+0.0141i	-1.5217+0.2603i	-0.7422-0.0893i	-5.9747+0.2024i	-0.2065-0.1372i
44.5	-0.0135-0.0117i	0.0553+0.0067i	0.0350-0.0211i	-0.0002+0.0114i	-1.5508+0.2562i	-0.7519-0.1378i	-6.0112+0.2151i	-0.2244-0.1896i
44.6	-0.0123-0.0080i	0.0586-0.0040i	0.0350-0.0232i	0.0008+0.0097i	-1.5835+0.2464i	-0.7498-0.1444i	-6.0638+0.2197i	-0.2455-0.2136i
44.7	-0.0089-0.0096i	0.0537-0.0086i	0.0342-0.0255i	0.0000+0.0074i	-1.6354+0.2697i	-0.7505-0.1707i	-6.0910+0.2539i	-0.2530-0.2430i
44.8	-0.0076-0.0147i	0.0517-0.0126i	0.0339-0.0298i	0.0000+0.0039i	-1.6839+0.3010i	-0.7607-0.2049i	-6.1231+0.2924i	-0.2462-0.2814i
44.9	-0.0111-0.0142i	0.0476-0.0145i	0.0316-0.0298i	-0.0023+0.0037i	-1.7578+0.3195i	-0.7811-0.2106i	-6.1431+0.3080i	-0.2544-0.2736i
45.0	-0.0074-0.0110i	0.0511-0.0125i	0.0348-0.0278i	-0.0004+0.0056i	-1.7792+0.2821i	-0.7765-0.1961i	-6.1580+0.2870i	-0.2239-0.2687i
45.1	-0.0079-0.0172i	0.0535-0.0188i	0.0347-0.0333i	0.0000+0.0018i	-1.7721+0.2730i	-0.7624-0.2285i	-6.2045+0.2915i	-0.2350-0.3205i
45.2	-0.0159-0.0146i	0.0532-0.0247i	0.0309-0.0338i	-0.0018+0.0010i	-1.8056+0.3469i	-0.7701-0.2382i	-6.2337+0.2926i	-0.2841-0.3169i
45.3	-0.0156-0.0071i	0.0540-0.0296i	0.0316-0.0334i	-0.0015+0.0017i	-1.8457+0.3364i	-0.7732-0.2247i	-6.2395+0.3090i	-0.2705-0.3197i
45.4	-0.0091-0.0032i	0.0517-0.0357i	0.0323-0.0339i	-0.0006+0.0017i	-1.9355+0.3466i	-0.7483-0.2316i	-6.2776+0.3269i	-0.2379-0.3400i
45.5	-0.0042-0.0086i	0.0475-0.0412i	0.0323-0.0380i	-0.0019-0.0026i	-1.9776+0.3398i	-0.7461-0.2817i	-6.3107+0.3525i	-0.2608-0.3852i
45.6	-0.0030-0.0022i	0.0417-0.0426i	0.0302-0.0363i	-0.0035-0.0009i	-1.9003+0.3366i	-0.7619-0.2843i	-6.3172+0.3332i	-0.2757-0.3676i
45.7	0.0076+0.0014i	0.0386-0.0388i	0.0323-0.0348i	-0.0006+0.0026i	-1.9660+0.3388i	-0.7441-0.2818i	-6.3725+0.3312i	-0.2691-0.3563i
45.8	0.0194-0.0096i	0.0443-0.0400i	0.0389-0.0385i	0.0063-0.0007i	-2.0385+0.3427i	-0.7123-0.2860i	-6.4105+0.3790i	-0.2161-0.4018i
45.9	0.0180-0.0274i	0.0455-0.0489i	0.0395-0.0475i	0.0063-0.0092i	-2.1122+0.3269i	-0.7072-0.3376i	-6.4459+0.3839i	-0.2073-0.4921i
46.0	0.0117-0.0268i	0.0428-0.0563i	0.0360-0.0501i	0.0030-0.0113i	-2.0757+0.3481i	-0.7448-0.3763i	-6.4344+0.3929i	-0.2421-0.5241i
46.1	0.0142-0.0290i	0.0438-0.0656i	0.0368-0.0560i	0.0045-0.0149i	-2.1241+0.3285i	-0.7333-0.4089i	-6.4724+0.4125i	-0.2395-0.5951i
46.2	0.0108-0.0320i	0.0270-0.0729i	0.0292-0.0595i	-0.0009-0.0177i	-2.2551+0.3235i	-0.7857-0.4305i	-6.4995+0.4214i	-0.3194-0.6176i
46.3	0.0231-0.0375i	0.0173-0.0668i	0.0289-0.0589i	0.0000-0.0177i	-2.2337+0.3685i	-0.8108-0.4326i	-6.5314+0.4321i	-0.3296-0.5935i
46.4	0.0166-0.0600i	0.0139-0.0733i	0.0246-0.0687i	-0.0036-0.0258i	-2.2386+0.3615i	-0.8314-0.4894i	-6.5641+0.4660i	-0.3445-0.6867i
46.5	-0.0054-0.0567i	0.0009-0.0689i	0.0109-0.0691i	-0.0151-0.0249i	-2.2761+0.4007i	-0.8851-0.5066i	-6.5905+0.5119i	-0.4859-0.7217i
46.6	-0.0103-0.0441i	-0.0033-0.0581i	0.0066-0.0627i	-0.0179-0.0190i	-2.3159+0.3991i	-0.9207-0.4764i	-6.5924+0.5416i	-0.5434-0.6696i
46.7	-0.0094-0.0344i	-0.0042-0.0513i	0.0065-0.0557i	-0.0181-0.0124i	-2.3153+0.4281i	-0.9494-0.4344i	-6.5661+0.5703i	-0.5605-0.6119i
46.8	-0.0008-0.0357i	-0.0031-0.0494i	0.0097-0.0562i	-0.0141-0.0125i	-2.2808+0.4650i	-0.9611-0.4324i	-6.5760+0.6008i	-0.5583-0.6048i
46.9	0.0057-0.0468i	0.0007-0.0500i	0.0134-0.0594i	-0.0090-0.0160i	-2.3037+0.4710i	-0.9578-0.4404i	-6.5695+0.5923i	-0.5557-0.6331i
47.0	-0.0063-0.0651i	-0.0058-0.0591i	0.0042-0.0663i	-0.0166-0.0229i	-2.3818+0.4769i	-1.0083-0.4631i	-6.6098+0.5517i	-0.6210-0.6812i
47.1	-0.0172-0.0563i	-0.0124-0.0526i	-0.0020-0.0597i	-0.0208-0.0180i	-2.3765+0.4715i	-1.0720-0.4303i	-6.6286+0.5965i	-0.6683-0.6079i
47.2	-0.0119-0.0488i	-0.0095-0.0473i	-0.0000-0.0552i	-0.0184-0.0145i	-2.3758+0.4731i	-1.0590-0.3954i	-6.6090+0.6160i	-0.6708-0.5519i
47.3	-0.0069-0.0487i	-0.0086-0.0461i	0.0013-0.0549i	-0.0153-0.0141i	-2.3866+0.4681i	-1.0667-0.3859i	-6.6163+0.5907i	-0.6739-0.5263i
47.4	-0.0053-0.0566i	-0.0080-0.0446i	0.0021-0.0562i	-0.0143-0.0175i	-2.4752+0.4900i	-1.0398-0.3655i	-6.6309+0.6072i	-0.6648-0.5116i
47.5	-0.0071-0.0640i	-0.0097-0.0446i	0.0012-0.0581i	-0.0152-0.0199i	-2.4836+0.4722i	-1.0485-0.3608i	-6.6302+0.6274i	-0.6635-0.4972i
47.6	-0.0218-0.0763i	-0.0159-0.0485i	-0.0055-0.0639i	-0.0208-0.0258i	-2.5039+0.4611i	-1.0938-0.3842i	-6.6474+0.6261i	-0.7042-0.5318i
47.7	-0.0339-0.0651i	-0.0188-0.0410i	-0.0115-0.0571i	-0.0269-0.0211i	-2.4941+0.4516i	-1.1235-0.3206i	-6.6220+0.6200i	-0.7642-0.4731i
47.8	-0.0335-0.0526i	-0.0165-0.0345i	-0.0110-0.0501i	-0.0271-0.0161i	-2.4831+0.4575i	-1.1363-0.2815i	-6.6088+0.5944i	-0.7599-0.3907i
47.9	-0.0292-0.0545i	-0.0119-0.0343i	-0.0064-0.0494i	-0.0228-0.0159i	-2.5375+0.4858i	-1.1168-0.2430i	-6.6527+0.5660i	-0.6894-0.3792i
48.0	-0.0350-0.0622i	-0.0148-0.0379i	-0.0097-0.0511i	-0.0258-0.0181i	-2.5809+0.4801i	-1.1197-0.2362i	-6.6848+0.5933i	-0.7330-0.3879i
48.1	-0.0355-0.0605i	-0.0125-0.0349i	-0.0094-0.0490i	-0.0264-0.0159i	-2.6363+0.4790i	-1.1003-0.2203i	-6.6710+0.6074i	-0.7097-0.3504i
48.2	-0.0366-0.0630i	-0.0092-0.0383i	-0.0077-0.0514i	-0.0256-0.0180i	-2.6723+0.4717i	-1.0961-0.2443i	-6.6862+0.6070i	-0.6755-0.3610i
48.3	-0.0440-0.0614i	-0.0138-0.0388i	-0.0116-0.0503i	-0.0294-0.0178i	-2.6725+0.4828i	-1.0994-0.2490i	-6.6693+0.5866i	-0.7107-0.3364i
48.4	-0.0445-0.0563i	-0.0126-0.0368i	-0.0113-0.0476i	-0.0301-0.0156i	-2.6559+0.4658i	-1.0801-0.2250i	-6.6863+0.6037i	-0.7238-0.3051i
48.5	-0.0471-0.0537i	-0.0113-0.0336i	-0.0117-0.0455i	-0.0302-0.0143i	-2.6812+0.4369i	-1.0507-0.1869i	-6.7172+0.6362i	-0.6920-0.2871i
48.6	-0.0548-0.0574i	-0.0132-0.0385i	-0.0139-0.0483i	-0.0314-0.0167i	-2.7428+0.4523i	-1.0671-0.1794i	-6.7148+0.6114i	-0.6589-0.3231i
48.7	-0.0617-0.0562i	-0.0172-0.0414i	-0.0165-0.0493i	-0.0354-0.0184i	-2.7448+0.4502i	-1.0823-0.2110i	-6.7032+0.5671i	-0.6860-0.3237i
48.8	-0.0665-0.0483i	-0.0223-0.0386i	-0.0207-0.0452i	-0.0396-0.0144i	-2.7526+0.3965i	-1.0742-0.2037i	-6.7128+0.5317i	-0.7076-0.2876i
48.9	-0.0659-0.0378i	-0.0222-0.0336i	-0.0202-0.0391i	-0.0398-0.0084i	-2.7695+0.4094i	-1.0753-0.1617i	-6.7618+0.5067i	-0.6819-0.2407i
49.0	-0.0630-0.0276i	-0.0203-0.0283i	-0.0177-0.0351i	-0.0386-0.0045i	-2.8501+0.3726i	-1.0975-0.1233i	-6.7759+0.4857i	-0.6632-0.2290i
49.1	-0.0543-0.0226i	-0.0166-0.0248i	-0.0131-0.0335i	-0.0356-0.0018i	-2.8623+0.4198i	-1.0648-0.1024i	-6.8281+0.5055i	-0.6389-0.2132i
49.2	-0.0493-0.0261i	-0.0130-0.0273i	-0.0102-0.0355i	-0.0327-0.0037i	-2.9271+0.4169i	-1.0420-0.1152i	-6.8434+0.4984i	-0.5800-0.2059i
49.3	-0.0578-0.0327i	-0.0169-0.0294i	-0.0150-0.0382i	-0.0361-0.0061i	-2.9870+0.3695i	-1.0805-0.1090i	-6.8579+0.5094i	-0.6008-0.2510i
49.4	-0.0661-0.0338i	-0.0205-0.0313i	-0.0191-0.0392i	-0.0395-0.0076i	-2.9986+0.3536i	-1.0901-0.1336i	-6.8587+0.5157i	-0.6247-0.2710i
49.5	-0.0637-0.0232i	-0.0198-0.0291i	-0.0193-0.0340i	-0.0408-0.0028i	-3.0122+0.4078i	-1.0394-0.1458i	-6.9136+0.4701i	-0.6549-0.2528i
49.6	-0.0577-0.0116i	-0.0168-0.0212i	-0.0185-0.0312i	-0.0414+0.0005i	-3.1000+0.3879i	-1.0480-0.0913i	-6.9770+0.5018i	-0.6234-0.2196i
49.7	-0.0461-0.0214i	-0.0087-0.0276i	-0.0128-0.0305i	-0.0359+0.0026i	-3.1570+0.3930i	-1.0357-0.0841i	-6.9938+0.5027i	-0.5778-0.2242i

49.8	-0.0409-0.0330i	-0.0057-0.0361i	-0.0082-0.0309i	-0.0310+0.0032i	-3.1476+0.3839i	-0.9999-0.1193i	-6.9921+0.4743i	-0.5763-0.2300i
49.9	-0.0462-0.0253i	-0.0114-0.0328i	-0.0121-0.0295i	-0.0332+0.0041i	-3.1839+0.3895i	-0.9681-0.0820i	-7.0102+0.5198i	-0.5807-0.2486i
50.0	-0.0442-0.0113i	-0.0099-0.0270i	-0.0124-0.0285i	-0.0334+0.0053i	-3.3217+0.4222i	-0.9651-0.0142i	-7.1003+0.5020i	-0.5525-0.2336i
50.1	-0.0555-0.0116i	-0.0182-0.0280i	-0.0140-0.0326i	-0.0356+0.0022i	-3.4162+0.4080i	-1.0150+0.0362i	-7.1567+0.5147i	-0.5215-0.2034i
50.2	-0.0527-0.0082i	-0.0176-0.0243i	-0.0137-0.0285i	-0.0359+0.0072i	-3.4649+0.4224i	-0.8950+0.0636i	-7.1325+0.5371i	-0.4935-0.2326i
50.3	-0.0543-0.0117i	-0.0207-0.0273i	-0.0127-0.0289i	-0.0348+0.0054i	-3.3728+0.3909i	-1.0321-0.0407i	-7.1157+0.5719i	-0.5765-0.2066i
50.4	-0.0525-0.0071i	-0.0192-0.0253i	-0.0142-0.0315i	-0.0358+0.0030i	-3.4195+0.5199i	-0.9900-0.0434i	-7.1411+0.5750i	-0.5353-0.1583i
50.5	-0.0426-0.0049i	-0.0106-0.0249i	-0.0063-0.0327i	-0.0285+0.0038i	-3.4541+0.5012i	-0.9683-0.0361i	-7.1960+0.5804i	-0.4827-0.1470i
50.6	-0.0369-0.0063i	-0.0083-0.0277i	-0.0040-0.0299i	-0.0250+0.0063i	-3.4901+0.5101i	-0.9300-0.0859i	-7.1827+0.6003i	-0.4936-0.1945i
50.7	-0.0417-0.0179i	-0.0134-0.0346i	-0.0121-0.0362i	-0.0305-0.0000i	-3.4951+0.4992i	-1.0006-0.0815i	-7.1915+0.6667i	-0.4893-0.2064i
50.8	-0.0420-0.0186i	-0.0137-0.0356i	-0.0137-0.0377i	-0.0321-0.0015i	-3.4580+0.5354i	-1.0185-0.0842i	-7.1697+0.6960i	-0.5142-0.1601i
50.9	-0.0393-0.0129i	-0.0128-0.0349i	-0.0088-0.0344i	-0.0280+0.0026i	-3.5291+0.5228i	-0.9350-0.0607i	-7.2153+0.6585i	-0.5043-0.1883i
51.0	-0.0388-0.0095i	-0.0158-0.0335i	-0.0062-0.0338i	-0.0255+0.0025i	-3.5641+0.5574i	-0.9432-0.0940i	-7.2323+0.7108i	-0.4744-0.2284i
51.1	-0.0373-0.0131i	-0.0169-0.0351i	-0.0084-0.0364i	-0.0263-0.0002i	-3.6554+0.5523i	-0.9289-0.0763i	-7.2361+0.7651i	-0.4371-0.2278i
51.2	-0.0406-0.0153i	-0.0193-0.0382i	-0.0115-0.0375i	-0.0291-0.0014i	-3.6506+0.6365i	-0.9225-0.0861i	-7.2595+0.8078i	-0.4800-0.2299i
51.3	-0.0372-0.0074i	-0.0188-0.0329i	-0.0160-0.0322i	-0.0354+0.0042i	-3.6347+0.6963i	-0.8345-0.0094i	-7.2418+0.7802i	-0.5096-0.2554i
51.4	-0.0345-0.0043i	-0.0210-0.0287i	-0.0120-0.0284i	-0.0311+0.0088i	-3.6637+0.6643i	-0.8669-0.0138i	-7.2064+0.7701i	-0.4394-0.1962i
51.5	-0.0353-0.0065i	-0.0235-0.0326i	-0.0090-0.0304i	-0.0275+0.0074i	-3.6308+0.5964i	-0.9222-0.0720i	-7.1566+0.7978i	-0.3968-0.1412i
51.6	-0.0354-0.0115i	-0.0217-0.0360i	-0.0074-0.0336i	-0.0245+0.0045i	-3.6191+0.5912i	-0.9274-0.1009i	-7.1597+0.8546i	-0.4072-0.1263i
51.7	-0.0331-0.0140i	-0.0244-0.0350i	-0.0120-0.0334i	-0.0273+0.0031i	-3.7174+0.6294i	-0.9195-0.0621i	-7.1307+0.8647i	-0.3752-0.1764i
51.8	-0.0315-0.0107i	-0.0272-0.0339i	-0.0133-0.0322i	-0.0284+0.0030i	-3.7539+0.6124i	-0.9105-0.0552i	-7.1078+0.8463i	-0.3716-0.1946i
51.9	-0.0321-0.0094i	-0.0300-0.0325i	-0.0133-0.0325i	-0.0289+0.0035i	-3.7554+0.5658i	-0.9403-0.0527i	-7.0629+0.7641i	-0.3341-0.1699i
52.0	-0.0311-0.0135i	-0.0294-0.0310i	-0.0125-0.0329i	-0.0270+0.0026i	-3.7649+0.5467i	-0.9189-0.0618i	-7.0375+0.7188i	-0.3102-0.1879i
52.1	-0.0339-0.0149i	-0.0308-0.0292i	-0.0126-0.0309i	-0.0282+0.0026i	-3.8082+0.5894i	-0.9029-0.0584i	-7.0487+0.7781i	-0.3140-0.2104i
52.2	-0.0348-0.0134i	-0.0324-0.0292i	-0.0129-0.0300i	-0.0281+0.0033i	-3.8240+0.5964i	-0.9093-0.0857i	-7.0555+0.7464i	-0.2982-0.2086i
52.3	-0.0371-0.0131i	-0.0332-0.0280i	-0.0146-0.0298i	-0.0298+0.0042i	-3.8031+0.5797i	-0.9204-0.0583i	-7.0506+0.6126i	-0.2773-0.2483i
52.4	-0.0327-0.0121i	-0.0291-0.0244i	-0.0118-0.0293i	-0.0271+0.0067i	-3.8617+0.5031i	-0.8938-0.0491i	-7.0832+0.5804i	-0.2859-0.2161i
52.5	-0.0301-0.0156i	-0.0295-0.0268i	-0.0109-0.0310i	-0.0264+0.0047i	-3.9938+0.4473i	-0.8933-0.0634i	-7.1498+0.5473i	-0.2592-0.2400i
52.6	-0.0329-0.0138i	-0.0335-0.0240i	-0.0124-0.0293i	-0.0294+0.0068i	-4.0286+0.5340i	-0.8937-0.0582i	-7.1799+0.5309i	-0.2684-0.2679i
52.7	-0.0321-0.0085i	-0.0345-0.0193i	-0.0132-0.0267i	-0.0290+0.0106i	-3.9828+0.5502i	-0.8754-0.0622i	-7.1590+0.5625i	-0.2647-0.2261i
52.8	-0.0245-0.0113i	-0.0281-0.0171i	-0.0086-0.0274i	-0.0249+0.0103i	-4.0390+0.4664i	-0.8525-0.0674i	-7.1334+0.4787i	-0.2256-0.2457i
52.9	-0.0277-0.0165i	-0.0281-0.0191i	-0.0089-0.0297i	-0.0253+0.0084i	-4.0927+0.4919i	-0.8489-0.0696i	-7.1507+0.4449i	-0.2647-0.3091i
53.0	-0.0285-0.0205i	-0.0272-0.0227i	-0.0097-0.0324i	-0.0245+0.0051i	-4.1368+0.4767i	-0.8574-0.0996i	-7.1687+0.4615i	-0.2636-0.2854i
53.1	-0.0315-0.0240i	-0.0313-0.0254i	-0.0127-0.0333i	-0.0260+0.0024i	-4.1603+0.5310i	-0.8691-0.0943i	-7.1497+0.4747i	-0.2387-0.3247i
53.2	-0.0355-0.0221i	-0.0355-0.0240i	-0.0156-0.0322i	-0.0280+0.0036i	-4.2009+0.5385i	-0.8716-0.1120i	-7.1880+0.4671i	-0.2237-0.3116i
53.3	-0.0400-0.0192i	-0.0398-0.0202i	-0.0189-0.0292i	-0.0315+0.0060i	-4.2791+0.4806i	-0.8706-0.1268i	-7.2090+0.4276i	-0.2476-0.2883i
53.4	-0.0366-0.0142i	-0.0342-0.0132i	-0.0166-0.0245i	-0.0296+0.0103i	-4.3412+0.5747i	-0.8491-0.0740i	-7.2274+0.3863i	-0.2588-0.2841i
53.5	-0.0321-0.0128i	-0.0287-0.0119i	-0.0135-0.0237i	-0.0254+0.0102i	-4.3793+0.5030i	-0.8389-0.0753i	-7.2559+0.3085i	-0.1969-0.2693i
53.6	-0.0309-0.0108i	-0.0291-0.0114i	-0.0121-0.0235i	-0.0259+0.0104i	-4.4392+0.4558i	-0.8439-0.0682i	-7.3712+0.2364i	-0.1762-0.2527i
53.7	-0.0300-0.0132i	-0.0291-0.0120i	-0.0112-0.0243i	-0.0263+0.0105i	-4.4615+0.4464i	-0.8406-0.0947i	-7.4139+0.3502i	-0.1670-0.2430i
53.8	-0.0354-0.0116i	-0.0308-0.0097i	-0.0140-0.0233i	-0.0279+0.0122i	-4.5211+0.4923i	-0.8609-0.1168i	-7.3529+0.3662i	-0.1866-0.2523i
53.9	-0.0334-0.0078i	-0.0274-0.0066i	-0.0120-0.0208i	-0.0248+0.0136i	-4.5162+0.5134i	-0.8504-0.1376i	-7.3640+0.3002i	-0.1364-0.2275i
54.0	-0.0322-0.0076i	-0.0254-0.0077i	-0.0106-0.0211i	-0.0233+0.0133i	-4.5703+0.4936i	-0.8403-0.1250i	-7.3950+0.2997i	-0.0743-0.2536i
54.1	-0.0264-0.0052i	-0.0233-0.0082i	-0.0096-0.0200i	-0.0204+0.0138i	-4.6611+0.5239i	-0.8375-0.1181i	-7.3808+0.2728i	-0.0390-0.2725i
54.2	-0.0145-0.0077i	-0.0202-0.0090i	-0.0049-0.0210i	-0.0148+0.0110i	-4.6571+0.5017i	-0.8358-0.1163i	-7.4043+0.2262i	0.0519-0.2789i
54.3	-0.0135-0.0156i	-0.0175-0.0107i	-0.0016-0.0241i	-0.0122+0.0079i	-4.6693+0.5143i	-0.8150-0.1683i	-7.4033+0.1676i	0.0742-0.3371i
54.4	-0.0133-0.0174i	-0.0187-0.0092i	-0.0024-0.0231i	-0.0141+0.0074i	-4.7591+0.5045i	-0.8117-0.1662i	-7.4054+0.1100i	0.0905-0.3742i
54.5	-0.0138-0.0218i	-0.0181-0.0102i	-0.0013-0.0247i	-0.0147+0.0045i	-4.8487+0.5014i	-0.7967-0.1670i	-7.4325+0.0957i	0.0920-0.3953i
54.6	-0.0165-0.0251i	-0.0179-0.0116i	-0.0017-0.0263i	-0.0152+0.0027i	-4.8767+0.5055i	-0.7907-0.2240i	-7.4553+0.0545i	0.1064-0.4157i
54.7	-0.0184-0.0243i	-0.0170-0.0085i	-0.0018-0.0246i	-0.0168+0.0042i	-4.9624+0.5035i	-0.8280-0.2400i	-7.4799+0.0208i	0.1255-0.4195i
54.8	-0.0122-0.0278i	-0.0106-0.0104i	0.0030-0.0264i	-0.0121+0.0037i	-5.0438+0.5389i	-0.8461-0.2712i	-7.5710-0.0092i	0.1688-0.4341i
54.9	-0.0117-0.0327i	-0.0057-0.0143i	0.0055-0.0306i	-0.0118-0.0006i	-5.0837+0.5387i	-0.8101-0.3066i	-7.6759-0.0294i	0.1420-0.5003i
55.0	-0.0165-0.0357i	-0.0052-0.0171i	0.0040-0.0329i	-0.0139-0.0035i	-5.1797+0.5041i	-0.8219-0.3456i	-7.7368-0.0798i	0.1313-0.5558i
55.1	-0.0202-0.0358i	-0.0076-0.0186i	0.0010-0.0342i	-0.0158-0.0027i	-5.3350+0.4734i	-0.8797-0.3294i	-7.8040-0.1292i	0.1545-0.5676i
55.2	-0.0220-0.0380i	-0.0081-0.0248i	-0.0001-0.0370i	-0.0163-0.0041i	-5.3941+0.4791i	-0.9268-0.3397i	-7.8406-0.1278i	0.1578-0.5925i
55.3	-0.0256-0.0351i	-0.0119-0.0252i	-0.0008-0.0362i	-0.0171-0.0038i	-5.4356+0.5179i	-0.9540-0.3853i	-7.8702-0.0637i	0.1261-0.6120i
55.4	-0.0234-0.0323i	-0.0127-0.0226i	-0.0002-0.0340i	-0.0173-0.0008i	-5.4844+0.5656i	-0.9499-0.3750i	-7.9492-0.0527i	0.1423-0.5922i
55.5	-0.0203-0.0369i	-0.0101-0.0226i	0.0016-0.0356i	-0.0148-0.0028i	-5.5609+0.6019i	-0.9627-0.3375i	-8.0356-0.0274i	0.2112-0.6316i
55.6	-0.0197-0.0440i	-0.0054-0.0287i	0.0029-0.0409i	-0.0127-0.0083i	-5.6312+0.6298i	-1.0118-0.3807i	-8.0638-0.0403i	0.2129-0.6440i
55.7	-0.0245-0.0457i	-0.0065-0.0321i	0.0019-0.0424i	-0.0146-0.0096i	-5.6863+0.6304i	-1.0289-0.3653i	-8.1130-0.0642i	0.1898-0.6428i
55.8	-0.0287-0.0464i	-0.0100-0.0339i	-0.0006-0.0428i	-0.0171-0.0099i	-5.7201+0.6003i	-1.0551-0.3654i	-8.1546-0.0150i	0.1972-0.6735i
55.9	-0.0324-0.0450i	-0.0134-0.0352i	-0.0041-0.0434i	-0.0204-0.0092i	-5.7927+0.6816i	-1.1110-0.3504i	-8.1681-0.0042i	0.2358-0.7240i
56.0	-0.0332-0.0419i	-0.0142-0.0340i	-0.0033-0.0415i	-0.0199-0.0080i	-5.9029+0.7120i	-1.1276-0.3347i	-8.1976-0.0204i	0.2445-0.7449i

56.1	-0.0254-0.0469i	-0.0092-0.0400i	0.0011-0.0446i	-0.0149-0.0120i	-6.0083+0.8209i	-1.0844-0.3626i	-8.3178+0.0072i	0.2741-0.7416i
56.2	-0.0287-0.0486i	-0.0134-0.0432i	-0.0016-0.0468i	-0.0175-0.0130i	-6.0289+0.8091i	-1.1144-0.3529i	-8.3474+0.0109i	0.2793-0.7721i
56.3	-0.0328-0.0498i	-0.0179-0.0440i	-0.0045-0.0484i	-0.0203-0.0143i	-6.1217+0.7833i	-1.1519-0.3220i	-8.3234+0.0506i	0.3086-0.8297i
56.4	-0.0358-0.0481i	-0.0222-0.0432i	-0.0070-0.0477i	-0.0230-0.0142i	-6.1950+0.8191i	-1.1914-0.2940i	-8.3181+0.0561i	0.3207-0.8838i
56.5	-0.0374-0.0483i	-0.0236-0.0449i	-0.0081-0.0485i	-0.0238-0.0136i	-6.2859+0.8614i	-1.2023-0.2782i	-8.3895+0.0134i	0.3448-0.9033i
56.6	-0.0378-0.0508i	-0.0242-0.0462i	-0.0076-0.0495i	-0.0236-0.0151i	-6.3566+0.8986i	-1.2149-0.2591i	-8.4423+0.0172i	0.3850-0.8939i
56.7	-0.0379-0.0482i	-0.0255-0.0425i	-0.0083-0.0470i	-0.0250-0.0132i	-6.4647+0.9039i	-1.1958-0.2574i	-8.4680+0.0665i	0.3625-0.9448i
56.8	-0.0394-0.0486i	-0.0276-0.0434i	-0.0091-0.0473i	-0.0261-0.0146i	-6.5102+0.9127i	-1.2192-0.2488i	-8.4906+0.0355i	0.3850-0.9916i
56.9	-0.0443-0.0495i	-0.0312-0.0428i	-0.0115-0.0486i	-0.0280-0.0129i	-6.5945+0.9843i	-1.2358-0.2119i	-8.6023+0.0467i	0.3969-1.0368i
57.0	-0.0439-0.0477i	-0.0307-0.0416i	-0.0118-0.0486i	-0.0274-0.0121i	-6.6823+0.9852i	-1.2241-0.2182i	-8.6662-0.0308i	0.3972-1.0906i
57.1	-0.0382-0.0427i	-0.0278-0.0387i	-0.0097-0.0467i	-0.0245-0.0102i	-6.7623+1.0188i	-1.1780-0.2154i	-8.6911+0.0092i	0.4556-1.1111i
57.2	-0.0337-0.0525i	-0.0263-0.0476i	-0.0063-0.0525i	-0.0221-0.0168i	-6.9036+1.0899i	-1.1950-0.2354i	-8.7205+0.0245i	0.5451-1.1993i
57.3	-0.0414-0.0565i	-0.0311-0.0511i	-0.0116-0.0534i	-0.0258-0.0185i	-6.9660+1.1581i	-1.2105-0.2236i	-8.7150+0.0236i	0.5166-1.2793i
57.4	-0.0429-0.0590i	-0.0325-0.0515i	-0.0116-0.0552i	-0.0270-0.0207i	-7.0709+1.2376i	-1.1965-0.2004i	-8.8125+0.0719i	0.5385-1.2385i
57.5	-0.0437-0.0586i	-0.0342-0.0521i	-0.0125-0.0568i	-0.0287-0.0224i	-7.2557+1.2819i	-1.2422-0.2148i	-8.9461+0.1128i	0.5624-1.2993i
57.6	-0.0477-0.0583i	-0.0382-0.0503i	-0.0157-0.0565i	-0.0303-0.0203i	-7.3012+1.3247i	-1.2064-0.2351i	-8.9183+0.1772i	0.5814-1.4370i
57.7	-0.0517-0.0585i	-0.0415-0.0501i	-0.0177-0.0568i	-0.0319-0.0196i	-7.3304+1.4091i	-1.1490-0.2423i	-8.9300+0.1937i	0.5933-1.5259i
57.8	-0.0514-0.0604i	-0.0411-0.0531i	-0.0180-0.0580i	-0.0322-0.0207i	-7.5034+1.4783i	-1.1792-0.2712i	-9.0558+0.1695i	0.5933-1.5397i
57.9	-0.0533-0.0616i	-0.0437-0.0542i	-0.0186-0.0598i	-0.0333-0.0212i	-7.5809+1.5485i	-1.2004-0.3138i	-9.1116+0.2059i	0.6328-1.6391i
58.0	-0.0554-0.0611i	-0.0466-0.0501i	-0.0202-0.0593i	-0.0342-0.0210i	-7.7439+1.7212i	-1.2019-0.3067i	-9.1986+0.2510i	0.6427-1.7761i
58.1	-0.0571-0.0604i	-0.0470-0.0494i	-0.0228-0.0585i	-0.0353-0.0196i	-7.8780+1.8362i	-1.1849-0.3149i	-9.2681+0.2918i	0.6488-1.8376i
58.2	-0.0614-0.0611i	-0.0467-0.0541i	-0.0227-0.0604i	-0.0371-0.0205i	-7.9624+1.9463i	-1.1955-0.3294i	-9.3758+0.3245i	0.6694-1.9586i
58.3	-0.0657-0.0597i	-0.0506-0.0574i	-0.0253-0.0631i	-0.0395-0.0216i	-8.0861+2.0260i	-1.2144-0.3682i	-9.4065+0.3544i	0.6763-2.1138i
58.4	-0.0686-0.0593i	-0.0564-0.0589i	-0.0289-0.0641i	-0.0424-0.0223i	-8.1842+2.1432i	-1.2420-0.4290i	-9.3949+0.4823i	0.7449-2.2702i
58.5	-0.0697-0.0592i	-0.0603-0.0592i	-0.0309-0.0640i	-0.0439-0.0212i	-8.2552+2.3211i	-1.2849-0.4637i	-9.4741+0.5766i	0.7106-2.4277i
58.6	-0.0707-0.0608i	-0.0651-0.0599i	-0.0333-0.0662i	-0.0448-0.0219i	-8.3470+2.5337i	-1.3151-0.5140i	-9.6123+0.7110i	0.6528-2.6535i
58.7	-0.0744-0.0624i	-0.0698-0.0606i	-0.0379-0.0674i	-0.0465-0.0234i	-8.3327+2.8051i	-1.3732-0.5984i	-9.5880+0.9163i	0.6195-2.8864i
58.8	-0.0766-0.0638i	-0.0750-0.0627i	-0.0414-0.0702i	-0.0489-0.0243i	-8.4165+3.0465i	-1.4297-0.7110i	-9.6493+1.0902i	0.5781-3.1415i
58.9	-0.0802-0.0621i	-0.0807-0.0597i	-0.0461-0.0688i	-0.0513-0.0217i	-8.4176+3.2664i	-1.5021-0.7514i	-9.6199+1.1962i	0.3743-3.3668i
59.0	-0.0867-0.0566i	-0.0859-0.0533i	-0.0512-0.0642i	-0.0551-0.0185i	-8.3111+3.4849i	-1.6205-0.8222i	-9.4982+1.4704i	0.1582-3.6430i
59.1	-0.0932-0.0510i	-0.0949-0.0484i	-0.0580-0.0614i	-0.0585-0.0162i	-8.1700+3.7427i	-1.8319-0.8922i	-9.3202+1.8220i	-0.1763-3.9639i
59.2	-0.0986-0.0487i	-0.1039-0.0405i	-0.0650-0.0578i	-0.0634-0.0138i	-7.9421+3.9186i	-2.0431-0.9013i	-9.0434+2.1030i	-0.5686-4.2353i
59.3	-0.1020-0.0430i	-0.1042-0.0316i	-0.0672-0.0517i	-0.0650-0.0094i	-7.6281+3.9617i	-2.2706-0.8669i	-8.6093+2.1764i	-1.1420-4.3197i
59.4	-0.0998-0.0355i	-0.1029-0.0213i	-0.0667-0.0432i	-0.0626-0.0045i	-7.2704+3.9926i	-2.5290-0.7071i	-8.1256+2.0760i	-1.8048-4.1677i
59.5	-0.0957-0.0322i	-0.1013-0.0153i	-0.0648-0.0391i	-0.0594-0.0028i	-7.0899+3.9230i	-2.7505-0.5281i	-7.7235+1.9863i	-2.2274-3.9117i
59.6	-0.0901-0.0257i	-0.0941-0.0083i	-0.0603-0.0332i	-0.0561+0.0001i	-6.8603+3.4700i	-2.8491-0.3007i	-7.2669+1.5571i	-2.6672-3.5070i
59.7	-0.0858-0.0213i	-0.0874-0.0038i	-0.0572-0.0287i	-0.0534+0.0017i	-6.8519+3.1148i	-2.8885-0.0213i	-7.0424+1.1049i	-2.9535-3.0398i
59.8	-0.0783-0.0233i	-0.0835-0.0053i	-0.0537-0.0286i	-0.0506+0.0012i	-6.9598+2.8331i	-2.8364+0.1957i	-6.9684+0.6805i	-2.9829-2.5930i
59.9	-0.0740-0.0269i	-0.0825-0.0086i	-0.0509-0.0304i	-0.0506-0.0011i	-7.3597+2.6515i	-2.8862+0.2854i	-7.0688+0.1962i	-2.7650-2.1094i
60.0	-0.0813-0.0304i	-0.0893-0.0126i	-0.0570-0.0335i	-0.0592-0.0059i	-8.2309+2.1438i	-3.3240-0.2947i	-7.1651-0.0941i	-2.4383-1.2938i
60.1	-0.0711-0.0353i	-0.0784-0.0164i	-0.0473-0.0374i	-0.0497-0.0087i	-8.0088+2.0588i	-2.6233+0.0887i	-7.3580-0.5036i	-2.6807-1.2059i
60.2	-0.0668-0.0334i	-0.0736-0.0117i	-0.0428-0.0342i	-0.0461-0.0034i	-8.0961+2.5346i	-2.5272+0.7484i	-7.5678-0.7036i	-2.5343-1.3653i
60.3	-0.0655-0.0364i	-0.0744-0.0116i	-0.0425-0.0339i	-0.0460-0.0043i	-8.3102+2.5970i	-2.4438+0.8452i	-7.6854-0.8993i	-2.4158-1.3306i
60.4	-0.0657-0.0433i	-0.0749-0.0138i	-0.0431-0.0366i	-0.0453-0.0075i	-8.5969+2.7402i	-2.4181+0.8456i	-7.9291-1.0960i	-2.2470-1.1721i
60.5	-0.0671-0.0477i	-0.0754-0.0147i	-0.0426-0.0386i	-0.0458-0.0097i	-8.8238+2.8467i	-2.3272+0.8660i	-8.0878-1.2532i	-2.1185-1.1346i
60.6	-0.0704-0.0513i	-0.0740-0.0133i	-0.0425-0.0400i	-0.0478-0.0107i	-9.0748+2.8323i	-2.2725+0.9220i	-8.1828-1.4411i	-2.0547-1.2051i
60.7	-0.0740-0.0555i	-0.0746-0.0156i	-0.0436-0.0424i	-0.0488-0.0114i	-9.2428+2.9760i	-2.2527+0.9563i	-8.4784-1.6792i	-2.0374-1.1585i
60.8	-0.0809-0.0610i	-0.0779-0.0225i	-0.0480-0.0477i	-0.0506-0.0151i	-9.3563+3.2570i	-2.1962+0.9536i	-8.8352-1.6489i	-1.8737-1.1020i
60.9	-0.0880-0.0609i	-0.0824-0.0250i	-0.0519-0.0488i	-0.0538-0.0183i	-9.4684+3.4865i	-2.1431+1.0064i	-8.9993-1.5819i	-1.7279-1.0829i
61.0	-0.0904-0.0599i	-0.0860-0.0251i	-0.0541-0.0479i	-0.0555-0.0182i	-9.6662+3.6191i	-2.1218+1.0092i	-9.1886-1.7504i	-1.7533-1.0572i
61.1	-0.0933-0.0591i	-0.0912-0.0243i	-0.0569-0.0474i	-0.0590-0.0170i	-9.8057+3.8243i	-2.1016+1.0329i	-9.4061-1.7826i	-1.7439-1.0633i
61.2	-0.0978-0.0572i	-0.0970-0.0220i	-0.0594-0.0468i	-0.0603-0.0153i	-9.8677+4.1218i	-2.0894+1.0715i	-9.6341-1.5927i	-1.6249-1.0479i
61.3	-0.0966-0.0596i	-0.1008-0.0209i	-0.0603-0.0467i	-0.0611-0.0154i	-10.1213+4.3337i	-2.0872+1.0952i	-9.7868-1.8577i	-1.6248-1.0426i
61.4	-0.0971-0.0568i	-0.1025-0.0177i	-0.0608-0.0440i	-0.0624-0.0151i	-10.1855+4.4762i	-2.0959+1.1037i	-9.9560-1.8938i	-1.6518-1.0045i
61.5	-0.1023-0.0558i	-0.1070-0.0157i	-0.0642-0.0433i	-0.0666-0.0134i	-10.1227+4.7155i	-2.0966+1.1124i	-10.1036-1.6909i	-1.5497-1.0706i
61.6	-0.1046-0.0561i	-0.1093-0.0135i	-0.0672-0.0431i	-0.0678-0.0138i	-10.1148+4.9965i	-2.0736+1.1412i	-10.3573-1.6545i	-1.5184-1.0239i
61.7	-0.1081-0.0527i	-0.1128-0.0082i	-0.0708-0.0393i	-0.0694-0.0113i	-10.1565+5.0536i	-2.0896+1.1786i	-10.3705-1.6626i	-1.5427-1.1322i
61.8	-0.1096-0.0562i	-0.1161-0.0072i	-0.0716-0.0406i	-0.0711-0.0120i	-10.1436+5.2992i	-2.1327+1.1877i	-10.6103-1.5904i	-1.4748-1.0432i
61.9	-0.1098-0.0592i	-0.1181-0.0057i	-0.0718-0.0414i	-0.0717-0.0136i	-10.1265+5.5228i	-2.1109+1.2244i	-10.9082-1.4514i	-1.3748-0.9660i
62.0	-0.1120-0.0553i	-0.1199+0.0012i	-0.0731-0.0369i	-0.0719-0.0113i	-10.0437+5.4543i	-2.1045+1.2399i	-10.9054-1.5619i	-1.3923-1.0763i
62.1	-0.1154-0.0562i	-0.1219+0.0073i	-0.0760-0.0352i	-0.0733-0.0098i	-10.1400+5.5979i	-2.1292+1.3188i	-11.0919-1.5892i	-1.4512-1.1042i
62.2	-0.1164-0.0556i	-0.1227+0.0095i	-0.0756-0.0333i	-0.0738-0.0092i	-10.1664+5.7072i	-2.1792+1.3211i	-11.3183-1.4487i	-1.4080-1.0181i
62.3	-0.1227-0.0571i	-0.1227+0.0124i	-0.0765-0.0339i	-0.0753-0.0089i	-10.3127+5.8881i	-2.2404+1.3737i	-11.5645-1.3864i	-1.3647-0.9396i

62.4	-0.1279-0.0590i	-0.1244+0.0141i	-0.0797-0.0341i	-0.0785-0.0089i	-10.3518+5.9876i	-2.1894+1.4425i	-11.6355-1.3011i	-1.2628-0.9823i
62.5	-0.1330-0.0549i	-0.1284+0.0192i	-0.0833-0.0313i	-0.0812-0.0054i	-10.4194+5.9111i	-2.3059+1.5463i	-11.6628-1.1904i	-1.3053-1.1297i
62.6	-0.1336-0.0542i	-0.1264+0.0242i	-0.0828-0.0289i	-0.0803-0.0044i	-10.4416+5.9824i	-2.3145+1.6943i	-11.6907-1.0824i	-1.3414-1.0657i
62.7	-0.1329-0.0594i	-0.1242+0.0233i	-0.0815-0.0310i	-0.0789-0.0051i	-10.7301+6.1135i	-2.3000+1.7470i	-11.9680-1.2600i	-1.3805-0.8523i
62.8	-0.1389-0.0608i	-0.1288+0.0285i	-0.0843-0.0309i	-0.0829-0.0059i	-10.8958+6.1413i	-2.3446+1.8994i	-11.9210-1.2058i	-1.3398-0.9356i
62.9	-0.1449-0.0555i	-0.1324+0.0334i	-0.0877-0.0284i	-0.0883-0.0044i	-10.9844+6.1213i	-2.2548+2.0785i	-12.0295-1.0407i	-1.1749-1.0267i
63.0	-0.1483-0.0568i	-0.1301+0.0364i	-0.0889-0.0271i	-0.0881-0.0049i	-11.2612+6.2564i	-2.2308+2.1623i	-12.1782-1.0727i	-1.1627-0.9938i
63.1	-0.1580-0.0598i	-0.1325+0.0404i	-0.0939-0.0259i	-0.0918-0.0051i	-11.5842+6.5022i	-2.2963+2.3897i	-12.3262-0.9785i	-1.2564-0.9205i
63.2	-0.1653-0.0564i	-0.1356+0.0458i	-0.0960-0.0220i	-0.0947-0.0008i	-11.7589+6.7149i	-2.2545+2.5744i	-12.2754-0.7410i	-1.1422-1.0356i
63.3	-0.1688-0.0516i	-0.1331+0.0509i	-0.0965-0.0199i	-0.0952+0.0019i	-11.9593+6.9782i	-2.0482+2.7703i	-12.2001-0.8458i	-1.1135-0.9841i
63.4	-0.1722-0.0501i	-0.1335+0.0527i	-0.0976-0.0202i	-0.0980+0.0013i	-12.1577+7.0342i	-1.9052+2.8285i	-12.3368-0.8921i	-1.0481-1.0511i
63.5	-0.1777-0.0437i	-0.1328+0.0603i	-0.0993-0.0172i	-0.1018+0.0057i	-12.5724+7.2245i	-1.7639+3.0250i	-12.3334-1.0453i	-1.1032-1.0851i
63.6	-0.1832-0.0427i	-0.1325+0.0647i	-0.1020-0.0129i	-0.1005+0.0085i	-13.0426+7.8285i	-1.3981+3.2128i	-12.6902-1.1860i	-0.9324-0.8776i
63.7	-0.1868-0.0397i	-0.1294+0.0682i	-0.1031-0.0103i	-0.1003+0.0099i	-13.1364+8.3526i	-1.1505+3.2321i	-12.7467-1.0347i	-0.7664-0.8628i
63.8	-0.1919-0.0370i	-0.1317+0.0690i	-0.1064-0.0100i	-0.1031+0.0101i	-13.3817+8.8144i	-1.0184+3.1177i	-12.8783-0.8899i	-0.5370-1.0701i
63.9	-0.1939-0.0306i	-0.1310+0.0743i	-0.1088-0.0059i	-0.1034+0.0135i	-13.7792+9.2084i	-0.8103+3.1917i	-13.1004-0.9932i	-0.4813-1.1098i
64.0	-0.2015-0.0257i	-0.1336+0.0828i	-0.1119-0.0006i	-0.1081+0.0166i	-14.0354+9.5106i	-0.6643+3.2855i	-13.1432-0.9528i	-0.4550-1.3261i
64.1	-0.2073-0.0243i	-0.1351+0.0869i	-0.1127-0.0004i	-0.1096+0.0176i	-14.4987+10.1268i	-0.5385+3.2136i	-13.5842-1.0866i	-0.3242-1.4402i
64.2	-0.2142-0.0218i	-0.1361+0.0905i	-0.1166+0.0019i	-0.1128+0.0190i	-14.6477+10.9503i	-0.3407+3.0985i	-13.8191-0.9114i	-0.0550-1.6664i
64.3	-0.2198-0.0197i	-0.1351+0.0920i	-0.1184+0.0042i	-0.1150+0.0187i	-14.4391+11.8095i	-0.1895+2.7640i	-14.0828-0.5651i	0.1420-2.0001i
64.4	-0.2193-0.0128i	-0.1324+0.0988i	-0.1172+0.0092i	-0.1145+0.0247i	-14.7126+12.1075i	-0.1219+2.8183i	-14.0415-0.8285i	-0.1390-2.1118i
64.5	-0.2319-0.0078i	-0.1376+0.1046i	-0.1231+0.0128i	-0.1185+0.0271i	-15.0053+13.0669i	-0.0658+2.7001i	-14.4267-0.7133i	-0.1385-2.4331i
64.6	-0.2351-0.0041i	-0.1352+0.1099i	-0.1227+0.0162i	-0.1203+0.0270i	-15.1044+13.6462i	0.0702+2.5023i	-14.4399-0.7156i	-0.1276-2.8023i
64.7	-0.2376-0.0029i	-0.1300+0.1156i	-0.1226+0.0196i	-0.1207+0.0300i	-15.3293+14.6512i	0.2147+2.3353i	-14.7436-0.9206i	-0.1499-2.9506i
64.8	-0.2521+0.0070i	-0.1336+0.1252i	-0.1295+0.0261i	-0.1273+0.0350i	-14.8116+15.9474i	0.0210+2.2555i	-15.2211-0.3465i	-0.3360-3.3272i
64.9	-0.2583+0.0118i	-0.1337+0.1299i	-0.1308+0.0298i	-0.1291+0.0379i	-14.5943+16.6482i	-0.0200+2.1064i	-15.3969-0.4386i	-0.5993-3.5348i
65.0	-0.2650+0.0193i	-0.1309+0.1412i	-0.1313+0.0357i	-0.1324+0.0433i	-14.8179+17.4076i	0.0437+2.1761i	-15.5772-0.7180i	-0.8564-3.7534i
65.1	-0.2759+0.0358i	-0.1308+0.1485i	-0.1356+0.0433i	-0.1379+0.0508i	-14.3018+18.5759i	-0.0808+2.2471i	-16.0708-0.3613i	-1.3232-3.9418i
65.2	-0.2806+0.0465i	-0.1283+0.1551i	-0.1358+0.0508i	-0.1392+0.0563i	-13.4086+19.5753i	-0.1290+2.1458i	-16.2656+0.0922i	-1.4206-4.1438i
65.3	-0.2883+0.0587i	-0.1303+0.1659i	-0.1385+0.0560i	-0.1418+0.0611i	-13.0479+20.6608i	-0.3207+2.2185i	-16.8896+0.4180i	-1.8322-4.1825i
65.4	-0.2910+0.0716i	-0.1236+0.1765i	-0.1383+0.0634i	-0.1420+0.0706i	-12.5017+21.5900i	-0.1665+2.2718i	-17.0110+0.3858i	-2.1173-4.3326i
65.5	-0.2873+0.0855i	-0.1125+0.1852i	-0.1348+0.0706i	-0.1396+0.0775i	-11.7442+22.4098i	0.0111+2.2051i	-16.8322+0.2441i	-2.4930-4.3665i
65.6	-0.2919+0.1038i	-0.1085+0.1967i	-0.1358+0.0819i	-0.1409+0.0857i	-11.0311+22.9088i	0.0037+2.3241i	-16.8385+0.6505i	-2.9795-4.4246i
65.7	-0.2944+0.1205i	-0.1027+0.2060i	-0.1352+0.0911i	-0.1419+0.0925i	-9.5646+23.4641i	-0.0310+2.3082i	-17.1998+1.1746i	-3.3733-4.5565i
65.8	-0.2910+0.1430i	-0.0862+0.2187i	-0.1291+0.1025i	-0.1379+0.1037i	-8.0524+24.6194i	0.0524+2.3438i	-17.7887+1.5720i	-3.8031-4.3670i
65.9	-0.2850+0.1555i	-0.0749+0.2268i	-0.1234+0.1126i	-0.1328+0.1114i	-7.4231+25.0613i	0.1627+2.4376i	-17.7137+1.7867i	-4.1460-4.1235i
66.0	-0.2762+0.1711i	-0.0602+0.2348i	-0.1168+0.1204i	-0.1267+0.1197i	-6.1852+25.5359i	0.3590+2.5068i	-17.5965+2.1220i	-4.4384-3.8303i
66.1	-0.2707+0.1921i	-0.0488+0.2419i	-0.1091+0.1294i	-0.1226+0.1285i	-4.2539+25.7491i	0.4274+2.6412i	-17.4904+2.9670i	-4.7426-3.6739i
66.2	-0.2663+0.2020i	-0.0408+0.2439i	-0.1044+0.1337i	-0.1195+0.1335i	-3.2082+25.9666i	0.4471+2.6349i	-17.7034+3.3252i	-5.0575-3.4751i
66.3	-0.2544+0.2159i	-0.0282+0.2437i	-0.0983+0.1386i	-0.1138+0.1395i	-2.1842+25.5814i	0.6155+2.5488i	-17.7574+3.3968i	-5.3726-3.1396i
66.4	-0.2441+0.2282i	-0.0172+0.2421i	-0.0905+0.1448i	-0.1079+0.1430i	-0.6049+25.3061i	0.6311+2.4604i	-18.0044+4.0296i	-5.3380-2.7284i
66.5	-0.2329+0.2431i	0.0013+0.2491i	-0.0802+0.1536i	-0.0997+0.1527i	0.6257+25.6750i	0.8217+2.3999i	-18.0375+4.3020i	-5.6142-2.2621i
66.6	-0.2183+0.2563i	0.0247+0.2538i	-0.0682+0.1588i	-0.0870+0.1582i	1.8509+25.8721i	1.0483+2.3328i	-18.1438+4.3498i	-5.8525-1.7304i
66.7	-0.2089+0.2666i	0.0374+0.2523i	-0.0607+0.1629i	-0.0802+0.1627i	2.9213+25.3539i	1.1000+2.3349i	-18.1404+4.8075i	-5.8892-1.5061i
66.8	-0.1939+0.2731i	0.0530+0.2502i	-0.0484+0.1658i	-0.0730+0.1650i	3.8635+24.5690i	1.1697+2.2648i	-17.9720+4.9530i	-5.9073-1.2054i
66.9	-0.1810+0.2810i	0.0661+0.2451i	-0.0388+0.1674i	-0.0665+0.1679i	4.9156+24.0292i	1.2371+2.2460i	-17.8625+5.5166i	-5.7994-0.8440i
67.0	-0.1596+0.2873i	0.0821+0.2327i	-0.0254+0.1673i	-0.0550+0.1672i	5.8943+22.9445i	1.3228+2.1694i	-17.4983+6.0902i	-5.6871-0.4715i
67.1	-0.1434+0.2906i	0.0936+0.2233i	-0.0154+0.1664i	-0.0455+0.1656i	6.6766+22.2915i	1.4054+2.0508i	-17.4319+6.2293i	-5.6432-0.2453i
67.2	-0.1276+0.2911i	0.1062+0.2139i	-0.0069+0.1643i	-0.0369+0.1641i	7.2251+22.0052i	1.4667+1.8580i	-17.7159+6.0106i	-5.5621+0.1141i
67.3	-0.1063+0.2948i	0.1229+0.2109i	0.0056+0.1637i	-0.0245+0.1642i	7.8208+21.2960i	1.6160+1.8207i	-17.3001+6.4497i	-5.5470+0.5111i
67.4	-0.0912+0.2925i	0.1321+0.2050i	0.0164+0.1613i	-0.0153+0.1628i	8.3602+20.5856i	1.6761+1.7396i	-17.0342+6.6692i	-5.3924+0.7074i
67.5	-0.0772+0.2887i	0.1399+0.1966i	0.0243+0.1562i	-0.0080+0.1602i	8.6194+19.7541i	1.7269+1.6258i	-16.8145+6.6852i	-5.2099+0.8324i
67.6	-0.0652+0.2874i	0.1478+0.1864i	0.0321+0.1529i	-0.0014+0.1585i	9.3200+18.7203i	1.7131+1.5462i	-16.8612+7.0721i	-4.9485+0.9354i
67.7	-0.0535+0.2850i	0.1541+0.1740i	0.0396+0.1471i	0.0044+0.1548i	9.7460+17.8251i	1.6898+1.4780i	-16.7681+7.5827i	-4.8065+1.0612i
67.8	-0.0410+0.2782i	0.1622+0.1650i	0.0471+0.1419i	0.0120+0.1492i	9.7801+17.1245i	1.7503+1.3050i	-16.4155+7.3851i	-4.6649+1.2261i
67.9	-0.0307+0.2753i	0.1718+0.1546i	0.0539+0.1376i	0.0185+0.1454i	10.0045+16.7681i	1.7932+1.1763i	-16.3710+7.3019i	-4.5319+1.4476i
68.0	-0.0200+0.2691i	0.1750+0.1479i	0.0585+0.1320i	0.0204+0.1433i	9.7841+16.0165i	1.8008+1.0959i	-16.0356+7.1091i	-4.5369+1.4230i
68.1	-0.0093+0.2631i	0.1791+0.1352i	0.0647+0.1272i	0.0267+0.1378i	10.1528+15.2869i	1.8120+1.0357i	-15.9682+7.4924i	-4.3406+1.5092i
68.2	0.0045+0.2574i	0.1829+0.1228i	0.0714+0.1212i	0.0329+0.1327i	10.4180+14.5083i	1.8433+0.9052i	-15.5089+7.9256i	-4.0790+1.6047i
68.3	0.0135+0.2527i	0.1905+0.1128i	0.0781+0.1160i	0.0393+0.1279i	10.5898+14.2477i	1.8318+0.7798i	-15.7668+7.7984i	-3.9836+1.7727i
68.4	0.0233+0.2435i	0.1956+0.1010i	0.0845+0.1082i	0.0450+0.1217i	10.6854+13.6980i	1.8464+0.6937i	-15.7144+7.7710i	-3.8109+1.8462i
68.5	0.0275+0.2346i	0.1970+0.0864i	0.0868+0.1006i	0.0453+0.1149i	10.6918+13.0674i	1.7828+0.5953i	-15.9260+8.1362i	-3.6301+1.9008i
68.6	0.0321+0.2260i	0.1975+0.0734i	0.0891+0.0929i	0.0466+0.1083i	10.8396+12.5789i	1.7415+0.4771i	-16.2344+8.4216i	-3.5226+1.9277i

68.7	0.0368+0.2201i	0.1993+0.0646i	0.0927+0.0869i	0.0488+0.1033i	10.7215+12.2619i	1.7116+0.4015i	-16.2745+8.4361i	-3.4880+1.9726i
68.8	0.0457+0.2116i	0.2000+0.0535i	0.0952+0.0790i	0.0520+0.0971i	10.7229+11.5250i	1.7247+0.3121i	-15.6878+8.6072i	-3.3313+2.0160i
68.9	0.0518+0.2046i	0.2013+0.0436i	0.0975+0.0723i	0.0550+0.0924i	10.6631+11.0862i	1.7246+0.2134i	-15.3902+8.6489i	-3.1977+2.0677i
69.0	0.0522+0.1997i	0.1969+0.0358i	0.0981+0.0665i	0.0538+0.0874i	10.5831+10.7482i	1.6729+0.1662i	-15.6251+8.8316i	-3.1154+2.0604i
69.1	0.0526+0.1917i	0.1947+0.0241i	0.0975+0.0598i	0.0531+0.0822i	10.5943+10.2630i	1.5523+0.0864i	-15.8316+9.3207i	-2.9640+2.0880i
69.2	0.0568+0.1852i	0.1991+0.0159i	0.1002+0.0549i	0.0556+0.0789i	10.7064+9.9667i	1.5534+0.0255i	-15.6659+9.4833i	-2.8619+2.1480i
69.3	0.0591+0.1704i	0.1921+0.0025i	0.0973+0.0456i	0.0542+0.0695i	10.5673+9.4584i	1.4467-0.0602i	-15.3694+9.4375i	-2.6435+2.0903i
69.4	0.0583+0.1625i	0.1878-0.0069i	0.0958+0.0396i	0.0525+0.0635i	10.2686+9.0082i	1.4087-0.1277i	-15.2141+9.3432i	-2.5508+2.0656i
69.5	0.0589+0.1567i	0.1874-0.0150i	0.0969+0.0344i	0.0509+0.0604i	9.9932+8.6290i	1.4060-0.1876i	-15.0160+9.3670i	-2.5240+2.0869i
69.6	0.0645+0.1485i	0.1854-0.0242i	0.0972+0.0275i	0.0520+0.0557i	9.9450+8.1824i	1.3755-0.2577i	-14.1773+9.6656i	-2.3665+2.1195i
69.7	0.0580+0.1414i	0.1829-0.0369i	0.0947+0.0214i	0.0511+0.0499i	9.8158+8.0263i	1.1914-0.3454i	-14.9295+9.4917i	-2.2031+2.1686i
69.8	0.0581+0.1382i	0.1785-0.0454i	0.0944+0.0169i	0.0513+0.0465i	9.8383+7.8748i	1.1305-0.3939i	-15.2651+9.9732i	-2.2145+2.2653i
69.9	0.0535+0.1324i	0.1680-0.0578i	0.0902+0.0092i	0.0454+0.0401i	9.9673+7.4824i	0.9674-0.4255i	-15.3673+10.3319i	-1.9392+2.1844i
70.0	0.0498+0.1285i	0.1658-0.0675i	0.0875+0.0047i	0.0422+0.0361i	9.9006+7.3303i	0.9084-0.5004i	-15.4047+10.3949i	-1.8669+2.2040i
70.1	0.0477+0.1265i	0.1538-0.0780i	0.0827-0.0005i	0.0375+0.0343i	9.7453+6.8766i	0.7800-0.4829i	-15.5201+10.8388i	-1.6758+2.1604i
70.2	0.0453+0.1256i	0.1486-0.0809i	0.0803-0.0014i	0.0347+0.0327i	9.7195+6.7215i	0.7063-0.4566i	-15.3152+10.8071i	-1.5780+2.0222i
70.3	0.0425+0.1196i	0.1393-0.0892i	0.0763-0.0068i	0.0303+0.0277i	9.5930+6.5131i	0.5960-0.5196i	-15.1905+10.7961i	-1.4401+1.9840i
70.4	0.0411+0.1180i	0.1242-0.1002i	0.0700-0.0116i	0.0255+0.0257i	9.5739+6.0039i	0.4420-0.4754i	-15.2152+11.6490i	-1.1846+2.0065i
70.5	0.0344+0.1173i	0.1137-0.1036i	0.0648-0.0139i	0.0209+0.0241i	9.6343+5.9711i	0.2949-0.4502i	-15.5551+11.8802i	-0.9559+1.9246i
70.6	0.0298+0.1122i	0.1095-0.1113i	0.0627-0.0187i	0.0174+0.0201i	9.5144+5.9906i	0.1881-0.5341i	-15.8208+11.3983i	-0.8962+1.9758i
70.7	0.0302+0.1135i	0.0975-0.1118i	0.0598-0.0191i	0.0156+0.0200i	9.2700+5.6157i	0.1083-0.4682i	-15.4857+11.8754i	-0.8065+1.8945i
70.8	0.0323+0.1125i	0.0970-0.1157i	0.0603-0.0211i	0.0178+0.0180i	9.0091+5.4296i	0.1439-0.4651i	-15.2775+11.8512i	-0.8725+1.8549i
70.9	0.0307+0.1151i	0.0937-0.1192i	0.0577-0.0212i	0.0143+0.0188i	9.0262+5.2098i	0.0490-0.3512i	-15.4804+12.3514i	-0.7590+1.7462i
71.0	0.0286+0.1169i	0.0844-0.1192i	0.0520-0.0227i	0.0107+0.0193i	8.9144+4.9775i	-0.0191-0.2486i	-15.4061+12.9571i	-0.6275+1.6001i
71.1	0.0276+0.1117i	0.0774-0.1223i	0.0485-0.0258i	0.0091+0.0174i	8.8051+4.7631i	-0.0397-0.2527i	-14.8788+12.9623i	-0.5778+1.5536i
71.2	0.0214+0.1165i	0.0620-0.1262i	0.0423-0.0257i	0.0021+0.0167i	8.9223+4.3567i	-0.2467-0.1002i	-15.1176+13.6537i	-0.3132+1.4123i
71.3	0.0248+0.1204i	0.0585-0.1302i	0.0418-0.0253i	0.0025+0.0174i	8.7461+4.2498i	-0.1715-0.0629i	-14.5473+13.9402i	-0.3761+1.3387i
71.4	0.0271+0.1240i	0.0494-0.1361i	0.0394-0.0257i	-0.0017+0.0174i	8.6324+4.0470i	-0.1792+0.0612i	-14.6322+14.5137i	-0.3522+1.2389i
71.5	0.0311+0.1228i	0.0399-0.1435i	0.0374-0.0296i	-0.0041+0.0149i	8.4393+3.8783i	-0.1580+0.0747i	-14.2809+14.5198i	-0.3076+1.2914i
71.6	0.0330+0.1269i	0.0249-0.1438i	0.0336-0.0310i	-0.0086+0.0160i	8.4931+3.6580i	-0.1999+0.2077i	-14.0276+15.1181i	-0.0958+1.1376i
71.7	0.0395+0.1339i	0.0107-0.1459i	0.0303-0.0296i	-0.0118+0.0195i	8.5757+3.2650i	-0.1844+0.3763i	-13.6286+16.1997i	-0.1113+0.9669i
71.8	0.0414+0.1321i	-0.0033-0.1463i	0.0264-0.0294i	-0.0149+0.0197i	8.3473+3.1888i	-0.1878+0.3942i	-13.5733+16.0763i	-0.0782+0.9076i
71.9	0.0452+0.1272i	-0.0109-0.1444i	0.0252-0.0294i	-0.0146+0.0191i	8.1093+3.1134i	-0.1370+0.3495i	-13.0722+15.3570i	-0.1106+0.8297i
72.0	0.0500+0.1214i	-0.0169-0.1359i	0.0240-0.0296i	-0.0147+0.0212i	7.7626+2.9471i	-0.0093+0.2880i	-12.1221+15.1090i	-0.2075+0.7397i
72.1	0.0560+0.1271i	-0.0386-0.1314i	0.0201-0.0287i	-0.0237+0.0247i	7.9592+2.5550i	0.0281+0.4948i	-12.4485+16.8904i	-0.1001+0.6030i
72.2	0.0621+0.1253i	-0.0557-0.1277i	0.0162-0.0258i	-0.0271+0.0271i	8.0419+2.4600i	-0.0241+0.6229i	-12.6216+17.4685i	-0.0790+0.5576i
72.3	0.0655+0.1202i	-0.0604-0.1183i	0.0149-0.0237i	-0.0271+0.0285i	7.8837+2.4318i	0.0073+0.6428i	-12.0632+17.2083i	-0.0484+0.4493i
72.4	0.0700+0.1170i	-0.0668-0.1066i	0.0138-0.0241i	-0.0272+0.0321i	7.6344+2.1725i	0.1168+0.6752i	-11.2781+17.3429i	-0.0945+0.3107i
72.5	0.0712+0.1112i	-0.0722-0.0986i	0.0123-0.0246i	-0.0264+0.0342i	7.4134+1.9899i	0.2090+0.6514i	-10.8486+17.5534i	-0.1336+0.2378i
72.6	0.0713+0.1054i	-0.0853-0.0904i	0.0090-0.0232i	-0.0309+0.0356i	7.3188+1.7630i	0.1534+0.7395i	-11.1281+17.9592i	0.0477+0.2386i
72.7	0.0796+0.1018i	-0.0991-0.0796i	0.0072-0.0212i	-0.0352+0.0399i	7.4442+1.5184i	0.2183+0.8001i	-11.0962+19.2190i	0.0581+0.1828i
72.8	0.0826+0.0944i	-0.1031-0.0684i	0.0063-0.0203i	-0.0340+0.0432i	7.3368+1.3973i	0.3086+0.7779i	-10.2939+19.3031i	0.0347+0.1167i
72.9	0.0806+0.0881i	-0.0996-0.0584i	0.0049-0.0196i	-0.0322+0.0443i	7.0025+1.3860i	0.3787+0.6889i	-9.5757+18.7371i	-0.0426+0.0265i
73.0	0.0789+0.0851i	-0.0993-0.0559i	0.0056-0.0194i	-0.0320+0.0429i	6.8113+1.2141i	0.3986+0.6467i	-9.5002+18.3121i	-0.0928+0.0867i
73.1	0.0810+0.0774i	-0.1000-0.0370i	0.0058-0.0166i	-0.0309+0.0490i	6.6868+0.8364i	0.4985+0.6728i	-8.3970+19.2602i	-0.0314-0.0357i
73.2	0.0764+0.0708i	-0.0954-0.0271i	0.0049-0.0174i	-0.0299+0.0501i	6.4091+0.8014i	0.5844+0.5690i	-7.8533+19.0027i	-0.1206-0.2569i
73.3	0.0733+0.0653i	-0.0938-0.0179i	0.0036-0.0158i	-0.0301+0.0523i	6.2996+0.7260i	0.5749+0.5207i	-7.3262+19.0765i	-0.0786-0.2398i
73.4	0.0710+0.0588i	-0.0905-0.0057i	0.0025-0.0144i	-0.0288+0.0560i	6.1039+0.5448i	0.6008+0.5017i	-6.4128+19.2549i	-0.0311-0.3151i
73.5	0.0669+0.0553i	-0.0817+0.0024i	0.0045-0.0139i	-0.0242+0.0574i	5.7766+0.4303i	0.6669+0.4102i	-5.5657+18.9839i	-0.1080-0.4334i
73.6	0.0654+0.0543i	-0.0848+0.0032i	0.0046-0.0138i	-0.0246+0.0584i	5.7232+0.4090i	0.6161+0.4438i	-5.9895+19.0050i	-0.0557-0.4189i
73.7	0.0684+0.0498i	-0.0826+0.0126i	0.0037-0.0128i	-0.0220+0.0621i	5.6445+0.1707i	0.7225+0.4179i	-4.9434+19.4419i	0.1929-0.5511i
73.8	0.0685+0.0464i	-0.0758+0.0192i	0.0058-0.0125i	-0.0191+0.0630i	5.4138-0.0497i	0.7861+0.3364i	-3.7496+19.6300i	0.1695-0.6927i
73.9	0.0659+0.0406i	-0.0714+0.0221i	0.0057-0.0132i	-0.0158+0.0617i	5.1491-0.0872i	0.7687+0.2509i	-3.1676+19.0761i	0.0355-0.7287i
74.0	0.0637+0.0379i	-0.0675+0.0205i	0.0050-0.0145i	-0.0150+0.0604i	5.0459-0.0367i	0.7920+0.1762i	-3.0186+18.7454i	-0.0378-0.8680i
74.1	0.0564+0.0307i	-0.0549+0.0233i	0.0039-0.0170i	-0.0093+0.0590i	4.6870-0.1430i	0.7995+0.0055i	-1.6083+17.7999i	-0.1774-1.0422i
74.2	0.0570+0.0249i	-0.0580+0.0326i	0.0039-0.0172i	-0.0086+0.0619i	4.6092-0.3594i	0.8162+0.0678i	-0.8968+18.7534i	0.0168-1.0438i
74.3	0.0477+0.0207i	-0.0475+0.0297i	0.0010-0.0190i	-0.0062+0.0568i	4.2204-0.2693i	0.7745-0.0627i	-0.2555+17.1166i	-0.1480-1.3005i
74.4	0.0431+0.0214i	-0.0445+0.0318i	-0.0001-0.0179i	-0.0064+0.0576i	4.1411-0.3465i	0.7411-0.0935i	0.0660+17.0798i	-0.2339-1.3137i
74.5	0.0331+0.0190i	-0.0396+0.0334i	-0.0028-0.0185i	-0.0069+0.0584i	3.9686-0.4052i	0.7445-0.1642i	0.3507+16.8093i	-0.3150-1.5178i
74.6	0.0255+0.0174i	-0.0331+0.0374i	-0.0039-0.0189i	-0.0066+0.0584i	3.7512-0.3683i	0.6903-0.2451i	1.2065+16.3730i	-0.4588-1.7281i
74.7	0.0230+0.0178i	-0.0359+0.0356i	-0.0035-0.0172i	-0.0085+0.0578i	3.7051-0.2927i	0.5821-0.2063i	0.8037+16.2940i	-0.4201-1.5484i
74.8	0.0163+0.0175i	-0.0327+0.0339i	-0.0063-0.0188i	-0.0079+0.0582i	3.5806-0.3022i	0.5579-0.2002i	1.1251+15.9346i	-0.4789-1.6473i
74.9	0.0086+0.0145i	-0.0296+0.0347i	-0.0096-0.0198i	-0.0091+0.0558i	3.3233-0.2778i	0.4769-0.2315i	1.1311+15.2262i	-0.5340-1.7549i

75.0	0.0012+0.0176i	-0.0280+0.0343i	-0.0112-0.0182i	-0.0090+0.0554i	3.2233-0.2198i	0.4430-0.2700i	1.4593+15.1157i	-0.6492-1.8346i
75.1	-0.0058+0.0249i	-0.0196+0.0329i	-0.0139-0.0154i	-0.0067+0.0589i	3.0712-0.2424i	0.3890-0.2972i	2.5272+14.5725i	-0.9687-1.9940i
75.2	-0.0112+0.0328i	-0.0177+0.0269i	-0.0157-0.0126i	-0.0082+0.0561i	2.8423-0.1118i	0.2794-0.3020i	1.9391+13.0256i	-1.2574-1.9974i
75.3	-0.0130+0.0368i	-0.0145+0.0251i	-0.0169-0.0112i	-0.0076+0.0558i	2.8052-0.0889i	0.2433-0.2860i	1.9755+12.4307i	-1.4029-1.9788i
75.4	-0.0207+0.0409i	-0.0095+0.0293i	-0.0180-0.0122i	-0.0076+0.0589i	2.7242-0.1253i	0.2121-0.2707i	3.2102+12.7883i	-1.4844-2.1964i
75.5	-0.0274+0.0481i	-0.0085+0.0267i	-0.0205-0.0102i	-0.0079+0.0592i	2.5694-0.1268i	0.1727-0.2942i	3.3830+12.3595i	-1.6759-2.3174i
75.6	-0.0306+0.0524i	-0.0110+0.0223i	-0.0221-0.0075i	-0.0113+0.0593i	2.4470-0.0614i	0.0774-0.2834i	2.7736+11.7762i	-1.8481-2.3443i
75.7	-0.0333+0.0522i	-0.0106+0.0216i	-0.0221-0.0077i	-0.0100+0.0562i	2.3548-0.0165i	0.0335-0.2347i	2.9627+11.5372i	-1.8485-2.3940i
75.8	-0.0327+0.0602i	-0.0054+0.0178i	-0.0241-0.0037i	-0.0044+0.0561i	2.1576-0.1611i	0.0616-0.2809i	4.2099+10.3158i	-2.0789-2.3775i
75.9	-0.0335+0.0722i	-0.0053+0.0158i	-0.0272-0.0007i	-0.0053+0.0596i	2.0861-0.0204i	0.0052-0.2318i	3.7809+9.7054i	-2.4238-2.2520i
76.0	-0.0292+0.0742i	-0.0084+0.0166i	-0.0249+0.0009i	-0.0059+0.0608i	2.0407+0.0438i	-0.0373-0.1605i	3.3086+9.7832i	-2.3919-2.0563i
76.1	-0.0240+0.0855i	-0.0077+0.0165i	-0.0236+0.0064i	-0.0047+0.0620i	1.9756+0.0817i	-0.0637-0.1178i	3.7574+9.2721i	-2.6966-1.9733i
76.2	-0.0290+0.0952i	-0.0071+0.0163i	-0.0276+0.0091i	-0.0054+0.0650i	1.8573+0.0602i	-0.1097-0.0872i	4.3439+9.1925i	-2.9682-2.1420i
76.3	-0.0247+0.0965i	-0.0107+0.0144i	-0.0257+0.0096i	-0.0041+0.0649i	1.8145+0.1052i	-0.0907-0.0683i	3.5842+8.8642i	-2.9086-1.9330i
76.4	-0.0166+0.0993i	-0.0115+0.0095i	-0.0232+0.0108i	-0.0023+0.0618i	1.7486+0.1407i	-0.0348-0.0585i	3.4791+7.8006i	-3.0067-1.7750i
76.5	-0.0131+0.1056i	-0.0123+0.0067i	-0.0233+0.0138i	-0.0001+0.0634i	1.6145+0.1497i	-0.0294-0.0092i	3.5895+7.1226i	-3.2726-1.7263i
76.6	-0.0069+0.1095i	-0.0112+0.0093i	-0.0217+0.0158i	0.0032+0.0653i	1.6350+0.1517i	-0.0429+0.0551i	3.6011+7.0022i	-3.3731-1.5157i
76.7	-0.0032+0.1104i	-0.0143+0.0110i	-0.0213+0.0181i	0.0008+0.0654i	1.5979+0.2287i	-0.0617+0.0881i	3.0303+6.9275i	-3.3556-1.3446i
76.8	0.0028+0.1099i	-0.0172+0.0124i	-0.0202+0.0204i	0.0004+0.0631i	1.4625+0.4156i	-0.0879+0.1192i	2.3065+6.7053i	-3.3423-1.0789i
76.9	0.0038+0.1113i	-0.0168+0.0129i	-0.0189+0.0215i	0.0012+0.0618i	1.3931+0.3607i	-0.0851+0.1196i	2.3093+6.0899i	-3.3503-1.0028i
77.0	0.0082+0.1124i	-0.0168+0.0131i	-0.0153+0.0218i	0.0033+0.0635i	1.3630+0.3253i	-0.0383+0.1534i	2.8513+5.6357i	-3.3954-0.8535i
77.1	0.0174+0.1127i	-0.0180+0.0124i	-0.0143+0.0240i	0.0049+0.0645i	1.3505+0.3536i	0.0187+0.1539i	2.3862+5.5864i	-3.4534-0.6556i
77.2	0.0247+0.1093i	-0.0179+0.0133i	-0.0122+0.0234i	0.0075+0.0611i	1.3802+0.3710i	0.0545+0.1396i	2.0713+5.5659i	-3.3419-0.4939i
77.3	0.0234+0.1103i	-0.0175+0.0142i	-0.0091+0.0246i	0.0069+0.0595i	1.2348+0.3860i	0.0067+0.1465i	1.6907+4.8033i	-3.4570-0.3628i
77.4	0.0252+0.1108i	-0.0176+0.0144i	-0.0081+0.0242i	0.0087+0.0591i	1.2574+0.4612i	0.0137+0.1525i	1.0319+4.7067i	-3.4288-0.2411i
77.5	0.0276+0.1110i	-0.0165+0.0166i	-0.0090+0.0250i	0.0097+0.0590i	1.2180+0.5242i	0.0187+0.2265i	1.3417+4.6187i	-3.4704-0.1512i
77.6	0.0326+0.1091i	-0.0151+0.0194i	-0.0076+0.0274i	0.0122+0.0588i	1.1270+0.5830i	0.0347+0.2302i	1.6933+4.3224i	-3.4809+0.0469i
77.7	0.0320+0.1122i	-0.0171+0.0180i	-0.0069+0.0290i	0.0108+0.0605i	1.1529+0.5595i	0.0716+0.2088i	1.0054+4.1723i	-3.4298+0.0004i
77.8	0.0327+0.1097i	-0.0174+0.0191i	-0.0069+0.0281i	0.0104+0.0600i	1.1033+0.5440i	0.0538+0.2101i	0.8754+3.9840i	-3.3363+0.0304i
77.9	0.0322+0.1121i	-0.0182+0.0213i	-0.0077+0.0297i	0.0098+0.0597i	1.0105+0.5374i	0.0980+0.2465i	1.0221+3.6164i	-3.3530+0.0633i
78.0	0.0348+0.1168i	-0.0170+0.0231i	-0.0045+0.0308i	0.0088+0.0624i	0.9810+0.5781i	0.1079+0.2591i	0.6973+3.6292i	-3.3910+0.1920i
78.1	0.0383+0.1115i	-0.0160+0.0187i	-0.0010+0.0267i	0.0089+0.0600i	0.9793+0.6083i	0.0729+0.2083i	0.0954+3.9787i	-3.0183+0.2723i
78.2	0.0401+0.1104i	-0.0148+0.0177i	0.0005+0.0281i	0.0107+0.0588i	0.9138+0.6306i	0.1085+0.2083i	-0.1287+3.8130i	-2.9121+0.2767i
78.3	0.0401+0.1130i	-0.0146+0.0175i	-0.0003+0.0311i	0.0090+0.0596i	0.8142+0.7265i	0.0911+0.2020i	-0.4593+3.1079i	-2.9399+0.2657i
78.4	0.0459+0.1172i	-0.0154+0.0202i	0.0019+0.0327i	0.0119+0.0614i	0.8766+0.6648i	0.1306+0.2164i	-0.5029+3.0952i	-3.0010+0.3321i
78.5	0.0452+0.1147i	-0.0167+0.0197i	0.0018+0.0315i	0.0115+0.0582i	0.8352+0.6630i	0.1418+0.2012i	-0.7283+3.0541i	-2.8387+0.2861i
78.6	0.0498+0.1136i	-0.0147+0.0197i	0.0046+0.0315i	0.0117+0.0585i	0.7545+0.7196i	0.1432+0.2010i	-0.8388+2.8225i	-2.7901+0.3155i
78.7	0.0470+0.1154i	-0.0165+0.0182i	0.0065+0.0323i	0.0088+0.0584i	0.6717+0.8792i	0.1291+0.2244i	-1.4762+2.4930i	-2.7673+0.2727i
78.8	0.0501+0.1220i	-0.0181+0.0185i	0.0065+0.0316i	0.0076+0.0613i	0.6278+0.9138i	0.1155+0.2689i	-1.9068+2.6218i	-2.8575+0.2634i
78.9	0.0623+0.1272i	-0.0158+0.0227i	0.0108+0.0335i	0.0148+0.0652i	0.6520+0.9645i	0.1563+0.2993i	-1.9824+2.7033i	-2.9889+0.4235i
79.0	0.0606+0.1319i	-0.0193+0.0261i	0.0093+0.0355i	0.0119+0.0692i	0.6822+1.0052i	0.1278+0.3745i	-2.1683+2.8550i	-2.9733+0.2620i
79.1	0.0753+0.1303i	-0.0180+0.0249i	0.0138+0.0360i	0.0174+0.0713i	0.7357+1.0071i	0.1534+0.3456i	-2.7267+3.4343i	-2.9892+0.3444i
79.2	0.0907+0.1288i	-0.0155+0.0289i	0.0174+0.0354i	0.0235+0.0730i	0.7780+1.0559i	0.2383+0.3810i	-2.8781+3.8283i	-2.9753+0.5646i
79.3	0.1078+0.1141i	-0.0098+0.0320i	0.0226+0.0338i	0.0342+0.0672i	0.7960+0.9058i	0.3248+0.3550i	-1.8649+3.9904i	-2.9336+0.7658i
79.4	0.1157+0.1050i	-0.0031+0.0307i	0.0268+0.0319i	0.0388+0.0622i	0.7608+0.8371i	0.3674+0.3166i	-1.6132+3.6629i	-2.9021+0.8890i
79.5	0.1125+0.0931i	-0.0003+0.0267i	0.0276+0.0277i	0.0374+0.0551i	0.7024+0.7579i	0.3536+0.2223i	-1.6377+3.4545i	-2.7594+0.8620i
79.6	0.1106+0.0847i	-0.0006+0.0240i	0.0272+0.0256i	0.0371+0.0498i	0.6164+0.6582i	0.4114+0.1711i	-1.6161+2.8123i	-2.6382+0.8382i
79.7	0.1059+0.0782i	-0.0026+0.0213i	0.0263+0.0229i	0.0353+0.0473i	0.5863+0.7534i	0.3752+0.1506i	-1.7409+2.7200i	-2.5329+0.8268i
79.8	0.1059+0.0738i	-0.0013+0.0203i	0.0274+0.0199i	0.0371+0.0446i	0.6121+0.7298i	0.3793+0.1322i	-1.6257+2.6368i	-2.5131+0.8465i
79.9	0.1081+0.0696i	-0.0014+0.0211i	0.0288+0.0199i	0.0377+0.0427i	0.5682+0.6820i	0.3973+0.1184i	-1.7181+2.7640i	-2.5246+0.8036i
80.0	0.1104+0.0680i	-0.0006+0.0194i	0.0313+0.0192i	0.0360+0.0407i	0.4641+0.7460i	0.3883+0.0984i	-2.1528+2.6212i	-2.5583+0.8443i

1.1.23 Run 6 – VT000-200 – NF and AF gauges

Vertical shaking at 0° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.0288+0.0000i	0.0571+0.0000i	0.4961+0.0000i	0.7997+0.0000i	0.0447+0.0000i	-0.0442+0.0000i	0.0331+0.0000i	0.0425+0.0000i
0.1	-0.1335+0.0094i	0.5747-0.0140i	0.2664+0.0092i	0.3169+0.0079i	0.0025+0.0006i	-0.0218-0.0007i	0.0050+0.0014i	0.0032-0.0009i
0.2	-0.1502+0.0038i	0.6337+0.0061i	0.2454+0.0038i	0.2588-0.0035i	-0.0014-0.0003i	-0.0199+0.0008i	0.0020+0.0004i	0.0008-0.0020i
0.3	-0.1458-0.0005i	0.6266+0.0026i	0.2545+0.0023i	0.2521-0.0017i	-0.0012-0.0001i	-0.0202+0.0003i	0.0027-0.0002i	0.0015-0.0006i
0.4	-0.1438-0.0037i	0.6242+0.0020i	0.2687-0.0083i	0.2381+0.0041i	-0.0013-0.0003i	-0.0196-0.0000i	0.0031-0.0006i	-0.0000-0.0009i
0.5	-0.1549-0.0131i	0.6354+0.0130i	0.2455-0.0200i	0.2592+0.0166i	-0.0021-0.0014i	-0.0207-0.0011i	0.0017-0.0019i	-0.0016-0.0011i
0.6	-0.1632-0.0051i	0.6413+0.0037i	0.2401-0.0004i	0.2660+0.0014i	-0.0029-0.0006i	-0.0212+0.0001i	0.0011-0.0005i	-0.0016-0.0005i
0.7	-0.1568+0.0001i	0.6354-0.0002i	0.2674-0.0013i	0.2391+0.0022i	-0.0024-0.0002i	-0.0205+0.0004i	0.0020+0.0000i	-0.0007-0.0001i
0.8	-0.1491-0.0014i	0.6291+0.0051i	0.2650-0.0719i	0.2430+0.0706i	-0.0016-0.0005i	-0.0196-0.0000i	0.0028-0.0019i	0.0001+0.0012i
0.9	-0.1491-0.0148i	0.6305+0.0180i	0.1749-0.0559i	0.3329+0.0546i	-0.0017-0.0019i	-0.0197-0.0012i	0.0007-0.0035i	0.0012-0.0004i
1.0	-0.1564-0.0222i	0.6389+0.0241i	0.1753-0.0182i	0.3317+0.0195i	-0.0027-0.0023i	-0.0205-0.0019i	-0.0004-0.0034i	-0.0005-0.0021i
1.1	-0.1786-0.0308i	0.6596+0.0305i	0.1974-0.0014i	0.3103+0.0031i	-0.0048-0.0031i	-0.0225-0.0027i	-0.0022-0.0037i	-0.0026-0.0032i
1.2	-0.1902-0.0157i	0.6728+0.0138i	0.2068-0.0012i	0.3007+0.0031i	-0.0062-0.0019i	-0.0237-0.0012i	-0.0035-0.0022i	-0.0041-0.0021i
1.3	-0.1837+0.0032i	0.6681-0.0031i	0.2145-0.0000i	0.2952+0.0025i	-0.0057-0.0004i	-0.0234+0.0005i	-0.0029-0.0002i	-0.0037+0.0002i
1.4	-0.1836+0.0036i	0.6686-0.0037i	0.2163+0.0005i	0.2937+0.0022i	-0.0056-0.0001i	-0.0235+0.0007i	-0.0030-0.0001i	-0.0037-0.0001i
1.5	-0.1856+0.0051i	0.6716-0.0050i	0.2176+0.0004i	0.2933+0.0002i	-0.0060+0.0001i	-0.0239+0.0008i	-0.0035+0.0000i	-0.0041-0.0005i
1.6	-0.1913+0.0081i	0.6760-0.0072i	0.2194-0.0000i	0.2912+0.0006i	-0.0070+0.0003i	-0.0243+0.0011i	-0.0044+0.0004i	-0.0053-0.0000i
1.7	-0.1968+0.0141i	0.6832-0.0130i	0.2212-0.0016i	0.2894+0.0019i	-0.0079+0.0009i	-0.0253+0.0018i	-0.0054+0.0012i	-0.0066+0.0013i
1.8	-0.2079+0.0199i	0.6921-0.0196i	0.2198-0.0020i	0.2907+0.0009i	-0.0092+0.0017i	-0.0268+0.0026i	-0.0073+0.0021i	-0.0076+0.0021i
1.9	-0.2151+0.0565i	0.7001-0.0556i	0.2183-0.0016i	0.2902+0.0018i	-0.0106+0.0057i	-0.0281+0.0067i	-0.0086+0.0072i	-0.0103+0.0082i
2.0	-0.1667+0.1024i	0.6545-0.0995i	0.2130-0.0013i	0.2945+0.0031i	-0.0056+0.0116i	-0.0227+0.0126i	-0.0027+0.0140i	-0.0043+0.0151i
2.1	-0.1299+0.0724i	0.6190-0.0723i	0.2097+0.0081i	0.3010-0.0069i	-0.0013+0.0095i	-0.0185+0.0102i	0.0022+0.0113i	0.0005+0.0119i
2.2	-0.1355+0.0429i	0.6220-0.0417i	0.2286+0.0125i	0.2861-0.0112i	-0.0018+0.0070i	-0.0193+0.0077i	0.0005+0.0090i	0.0002+0.0107i
2.3	-0.1387+0.0380i	0.6267-0.0359i	0.2349+0.0040i	0.2806-0.0041i	-0.0008+0.0096i	-0.0182+0.0104i	0.0026+0.0137i	0.0027+0.0157i
2.4	-0.1301+0.0299i	0.6204-0.0291i	0.2321-0.0023i	0.2839+0.0020i	0.0081+0.0061i	-0.0094+0.0072i	0.0163+0.0083i	0.0169+0.0097i
2.5	-0.1384+0.0316i	0.6284-0.0309i	0.2294-0.0042i	0.2870+0.0045i	0.0037+0.0001i	-0.0139+0.0009i	0.0096-0.0014i	0.0099-0.0011i
2.6	-0.1280+0.0266i	0.6184-0.0282i	0.2269-0.0035i	0.2889+0.0020i	0.0001-0.0001i	-0.0176+0.0005i	0.0035-0.0014i	0.0032-0.0008i
2.7	-0.1320+0.0158i	0.6209-0.0162i	0.2257-0.0011i	0.2916+0.0025i	-0.0006+0.0000i	-0.0183+0.0010i	0.0023-0.0003i	0.0023-0.0000i
2.8	-0.1369+0.0117i	0.6290-0.0110i	0.2256-0.0017i	0.2911+0.0013i	-0.0014+0.0001i	-0.0189+0.0011i	0.0019+0.0000i	0.0017+0.0002i
2.9	-0.1417+0.0094i	0.6343-0.0091i	0.2272-0.0010i	0.2913-0.0004i	-0.0019+0.0002i	-0.0190+0.0009i	0.0014-0.0001i	0.0010+0.0005i
3.0	-0.1447+0.0045i	0.6365-0.0061i	0.2283-0.0005i	0.2928-0.0001i	-0.0022-0.0001i	-0.0193+0.0006i	0.0011-0.0003i	0.0005-0.0007i
3.1	-0.1526-0.0007i	0.6423+0.0014i	0.2280-0.0019i	0.2930+0.0037i	-0.0026-0.0008i	-0.0203-0.0002i	0.0005-0.0011i	-0.0006-0.0007i
3.2	-0.1677-0.0058i	0.6586+0.0059i	0.2275-0.0016i	0.2925+0.0047i	-0.0039-0.0012i	-0.0213-0.0002i	-0.0013-0.0014i	-0.0012-0.0005i
3.3	-0.1840+0.0063i	0.6704-0.0086i	0.2285-0.0009i	0.2928+0.0024i	-0.0051-0.0001i	-0.0225+0.0010i	-0.0027-0.0000i	-0.0013+0.0002i
3.4	-0.1810+0.0368i	0.6714-0.0364i	0.2267-0.0011i	0.2978+0.0051i	-0.0054+0.0017i	-0.0228+0.0030i	-0.0030+0.0021i	-0.0014+0.0017i
3.5	-0.1503+0.0418i	0.6462-0.0413i	0.2255+0.0014i	0.3035+0.0019i	-0.0035+0.0021i	-0.0210+0.0032i	-0.0008+0.0031i	-0.0011+0.0031i
3.6	-0.1203+0.0233i	0.6147-0.0266i	0.2231+0.0012i	0.3025+0.0025i	-0.0016+0.0019i	-0.0181+0.0027i	0.0022+0.0018i	0.0029+0.0020i
3.7	-0.1850-0.0254i	0.6836+0.0247i	0.2305+0.0024i	0.2935-0.0024i	-0.0069-0.0017i	-0.0239-0.0019i	-0.0041-0.0025i	-0.0042-0.0026i
3.8	-0.1863-0.0043i	0.6852+0.0030i	0.2316-0.0010i	0.2960-0.0012i	-0.0069-0.0006i	-0.0242-0.0000i	-0.0046-0.0007i	-0.0050-0.0004i
3.9	-0.1823-0.0002i	0.6826-0.0005i	0.2312-0.0004i	0.2972-0.0003i	-0.0065-0.0002i	-0.0238+0.0005i	-0.0043-0.0002i	-0.0043+0.0002i
4.0	-0.1814+0.0013i	0.6832-0.0018i	0.2313-0.0004i	0.2981-0.0009i	-0.0065-0.0002i	-0.0238+0.0008i	-0.0044-0.0001i	-0.0044+0.0003i
4.1	-0.1817+0.0022i	0.6855-0.0028i	0.2318-0.0007i	0.2993-0.0007i	-0.0067-0.0001i	-0.0240+0.0008i	-0.0047-0.0001i	-0.0046-0.0001i
4.2	-0.1832+0.0026i	0.6886-0.0035i	0.2318+0.0001i	0.3011+0.0008i	-0.0071-0.0001i	-0.0243+0.0006i	-0.0052-0.0001i	-0.0047+0.0002i
4.3	-0.1847+0.0038i	0.6901-0.0053i	0.2321-0.0000i	0.3024+0.0008i	-0.0072-0.0001i	-0.0246+0.0009i	-0.0055+0.0002i	-0.0053+0.0003i
4.4	-0.1853+0.0044i	0.6921-0.0068i	0.2321-0.0014i	0.3039+0.0007i	-0.0073+0.0000i	-0.0246+0.0010i	-0.0057+0.0007i	-0.0054+0.0003i
4.5	-0.1855+0.0049i	0.6943-0.0063i	0.2327-0.0016i	0.3051-0.0003i	-0.0074+0.0001i	-0.0246+0.0011i	-0.0056+0.0006i	-0.0053+0.0007i
4.6	-0.1848+0.0054i	0.6944-0.0063i	0.2312-0.0030i	0.3063-0.0004i	-0.0074+0.0000i	-0.0246+0.0012i	-0.0056+0.0003i	-0.0052+0.0004i
4.7	-0.1824+0.0018i	0.6955-0.0019i	0.2319-0.0057i	0.3096+0.0027i	-0.0077-0.0005i	-0.0249+0.0004i	-0.0060-0.0001i	-0.0060-0.0001i
4.8	-0.1862-0.0013i	0.7001+0.0016i	0.2313-0.0054i	0.3130+0.0027i	-0.0083-0.0006i	-0.0256+0.0003i	-0.0069-0.0002i	-0.0066-0.0004i
4.9	-0.1909-0.0059i	0.7062+0.0051i	0.2294-0.0007i	0.3171-0.0005i	-0.0088-0.0008i	-0.0260+0.0003i	-0.0076-0.0008i	-0.0073-0.0007i
5.0	-0.2049-0.0040i	0.7237+0.0060i	0.2345+0.0035i	0.3161-0.0005i	-0.0104-0.0003i	-0.0278+0.0004i	-0.0100-0.0002i	-0.0094-0.0003i
5.1	-0.2065+0.0018i	0.7302-0.0005i	0.2346+0.0036i	0.3180-0.0017i	-0.0110+0.0001i	-0.0284+0.0010i	-0.0104+0.0003i	-0.0100+0.0008i
5.2	-0.2049+0.0048i	0.7321-0.0036i	0.2352+0.0050i	0.3196-0.0048i	-0.0114+0.0004i	-0.0287+0.0013i	-0.0110+0.0008i	-0.0101+0.0020i
5.3	-0.2010+0.0064i	0.7307-0.0099i	0.2388+0.0045i	0.3235-0.0081i	-0.0106+0.0016i	-0.0282+0.0026i	-0.0105+0.0029i	-0.0086+0.0030i
5.4	-0.1963+0.0065i	0.7254-0.0137i	0.2359+0.0079i	0.3288-0.0085i	-0.0096+0.0027i	-0.0279+0.0039i	-0.0093+0.0049i	-0.0069+0.0041i
5.5	-0.1871-0.0020i	0.7177-0.0060i	0.2416+0.0106i	0.3248-0.0165i	-0.0084+0.0016i	-0.0259+0.0028i	-0.0066+0.0043i	-0.0083+0.0026i
5.6	-0.2036-0.0272i	0.7471+0.0205i	0.2504+0.0017i	0.3060-0.0045i	-0.0091-0.0030i	-0.0267-0.0020i	-0.0066-0.0032i	-0.0067-0.0039i

5.7	-0.2227-0.0279i	0.7691+0.0253i	0.2543-0.0091i	0.3186+0.0082i	-0.0115-0.0034i	-0.0296-0.0035i	-0.0100-0.0050i	-0.0096-0.0050i
5.8	-0.2281-0.0178i	0.7764+0.0159i	0.2541-0.0096i	0.3292+0.0062i	-0.0129-0.0031i	-0.0304-0.0023i	-0.0123-0.0045i	-0.0122-0.0047i
5.9	-0.2304-0.0144i	0.7853+0.0111i	0.2513-0.0087i	0.3396+0.0064i	-0.0136-0.0027i	-0.0312-0.0018i	-0.0133-0.0035i	-0.0128-0.0032i
6.0	-0.2284-0.0087i	0.7915+0.0069i	0.2502-0.0038i	0.3488+0.0015i	-0.0137-0.0019i	-0.0316-0.0009i	-0.0136-0.0022i	-0.0132-0.0017i
6.1	-0.2225-0.0112i	0.7942+0.0033i	0.2562-0.0017i	0.3531-0.0050i	-0.0133-0.0022i	-0.0311-0.0013i	-0.0128-0.0027i	-0.0120-0.0024i
6.2	-0.2183-0.0153i	0.7994+0.0032i	0.2637-0.0023i	0.3565-0.0073i	-0.0131-0.0030i	-0.0310-0.0020i	-0.0126-0.0038i	-0.0116-0.0036i
6.3	-0.2144-0.0172i	0.8053+0.0035i	0.2696-0.0041i	0.3615-0.0084i	-0.0132-0.0034i	-0.0311-0.0021i	-0.0128-0.0041i	-0.0116-0.0044i
6.4	-0.2096-0.0234i	0.8115+0.0024i	0.2751-0.0082i	0.3696-0.0119i	-0.0134-0.0041i	-0.0313-0.0028i	-0.0131-0.0051i	-0.0120-0.0055i
6.5	-0.2020-0.0292i	0.8175+0.0027i	0.2823-0.0114i	0.3781-0.0149i	-0.0131-0.0048i	-0.0312-0.0035i	-0.0129-0.0060i	-0.0117-0.0064i
6.6	-0.1888-0.0368i	0.8215+0.0042i	0.2925-0.0158i	0.3877-0.0187i	-0.0121-0.0056i	-0.0303-0.0041i	-0.0116-0.0071i	-0.0101-0.0077i
6.7	-0.1706-0.0488i	0.8262+0.0068i	0.3052-0.0212i	0.4011-0.0229i	-0.0108-0.0072i	-0.0293-0.0055i	-0.0100-0.0091i	-0.0082-0.0102i
6.8	-0.1353-0.0734i	0.8277+0.0113i	0.3257-0.0330i	0.4229-0.0325i	-0.0079-0.0099i	-0.0265-0.0080i	-0.0060-0.0125i	-0.0041-0.0140i
6.9	-0.0863-0.1283i	0.8249+0.0250i	0.3508-0.0571i	0.4509-0.0560i	-0.0036-0.0163i	-0.0225-0.0139i	-0.0002-0.0213i	0.0020-0.0231i
7.0	-0.0438-0.2557i	0.8280+0.0565i	0.3774-0.1098i	0.4768-0.1101i	-0.0009-0.0308i	-0.0198-0.0274i	0.0032-0.0407i	0.0052-0.0438i
7.1	-0.1478-0.5251i	0.8743+0.1166i	0.3469-0.2312i	0.4444-0.2248i	-0.0165-0.0585i	-0.0342-0.0533i	-0.0180-0.0772i	-0.0174-0.0821i
7.2	-0.4697-0.6341i	0.9665+0.1272i	0.2116-0.2934i	0.3209-0.2758i	-0.0531-0.0653i	-0.0685-0.0597i	-0.0669-0.0852i	-0.0686-0.0905i
7.3	-0.6950-0.5309i	1.0289+0.1005i	0.1092-0.2475i	0.2383-0.2350i	-0.0761-0.0521i	-0.0902-0.0477i	-0.0972-0.0675i	-0.1004-0.0719i
7.4	-0.8394-0.3306i	1.0787+0.0486i	0.0545-0.1549i	0.1887-0.1599i	-0.0911-0.0296i	-0.1047-0.0271i	-0.1170-0.0379i	-0.1209-0.0402i
7.5	-0.8213-0.1577i	1.0830-0.0030i	0.0720-0.0852i	0.1984-0.0935i	-0.0879-0.0098i	-0.1022-0.0084i	-0.1129-0.0114i	-0.1160-0.0122i
7.6	-0.7457-0.0531i	1.0743-0.0352i	0.1118-0.0462i	0.2341-0.0520i	-0.0785+0.0020i	-0.0937+0.0031i	-0.1002+0.0047i	-0.1024+0.0046i
7.7	-0.7144-0.0266i	1.0790-0.0436i	0.1298-0.0374i	0.2539-0.0411i	-0.0756+0.0048i	-0.0911+0.0058i	-0.0962+0.0086i	-0.0980+0.0087i
7.8	-0.6949-0.0051i	1.0932-0.0495i	0.1484-0.0306i	0.2753-0.0320i	-0.0744+0.0069i	-0.0904+0.0080i	-0.0947+0.0114i	-0.0965+0.0113i
7.9	-0.7001+0.0045i	1.1150-0.0567i	0.1558-0.0303i	0.2877-0.0309i	-0.0759+0.0085i	-0.0921+0.0097i	-0.0968+0.0138i	-0.0980+0.0135i
8.0	-0.7147+0.0248i	1.1423-0.0710i	0.1599-0.0261i	0.2958-0.0276i	-0.0782+0.0117i	-0.0943+0.0127i	-0.0999+0.0183i	-0.1011+0.0183i
8.1	-0.7162+0.0459i	1.1626-0.0893i	0.1696-0.0234i	0.3089-0.0246i	-0.0785+0.0148i	-0.0949+0.0159i	-0.1002+0.0230i	-0.1014+0.0227i
8.2	-0.7289+0.0613i	1.1888-0.1069i	0.1770-0.0239i	0.3178-0.0257i	-0.0810+0.0177i	-0.0974+0.0189i	-0.1031+0.0271i	-0.1043+0.0268i
8.3	-0.7474+0.0808i	1.2209-0.1248i	0.1842-0.0233i	0.3285-0.0260i	-0.0841+0.0213i	-0.1005+0.0223i	-0.1069+0.0322i	-0.1080+0.0321i
8.4	-0.7652+0.1054i	1.2531-0.1486i	0.1901-0.0250i	0.3395-0.0271i	-0.0870+0.0254i	-0.1035+0.0266i	-0.1110+0.0379i	-0.1120+0.0380i
8.5	-0.7863+0.1368i	1.2892-0.1867i	0.1961-0.0288i	0.3527-0.0309i	-0.0902+0.0308i	-0.1068+0.0319i	-0.1150+0.0453i	-0.1160+0.0459i
8.6	-0.8077+0.1621i	1.3239-0.2200i	0.2010-0.0335i	0.3634-0.0343i	-0.0939+0.0356i	-0.1105+0.0368i	-0.1199+0.0520i	-0.1211+0.0530i
8.7	-0.8549+0.2076i	1.3950-0.2769i	0.2131-0.0402i	0.3815-0.0439i	-0.1031+0.0441i	-0.1197+0.0452i	-0.1321+0.0638i	-0.1340+0.0649i
8.8	-0.8737+0.2724i	1.4286-0.3637i	0.2191-0.0523i	0.3913-0.0614i	-0.1059+0.0562i	-0.1227+0.0575i	-0.1355+0.0804i	-0.1375+0.0821i
8.9	-0.9135+0.3565i	1.4868-0.4756i	0.2298-0.0706i	0.4051-0.0793i	-0.1124+0.0721i	-0.1290+0.0736i	-0.1436+0.1024i	-0.1457+0.1048i
9.0	-0.9054+0.4802i	1.4837-0.6433i	0.2293-0.0984i	0.4132-0.1086i	-0.1099+0.0950i	-0.1263+0.0967i	-0.1397+0.1337i	-0.1405+0.1375i
9.1	-0.8918+0.5488i	1.4749-0.7422i	0.2263-0.1158i	0.4200-0.1305i	-0.1071+0.1085i	-0.1235+0.1101i	-0.1361+0.1519i	-0.1366+0.1563i
9.2	-0.9104+0.7483i	1.5039-1.0252i	0.2295-0.1662i	0.4291-0.1859i	-0.1093+0.1481i	-0.1255+0.1500i	-0.1386+0.2066i	-0.1393+0.2128i
9.3	-0.6873+0.9852i	1.1938-1.3608i	0.1728-0.2251i	0.3772-0.2526i	-0.0636+0.1939i	-0.0788+0.1957i	-0.0749+0.2692i	-0.0715+0.2774i
9.4	-0.2316+0.9394i	0.5569-1.3039i	0.0582-0.2167i	0.2601-0.2495i	0.0273+0.1833i	0.0122+0.1841i	0.0500+0.2538i	0.0586+0.2597i
9.5	-0.0839+0.6907i	0.3454-0.9587i	0.0167-0.1565i	0.2184-0.1896i	0.0565+0.1331i	0.0408+0.1333i	0.0897+0.1845i	0.0999+0.1868i
9.6	-0.0866+0.4791i	0.3438-0.6669i	0.0096-0.1053i	0.2180-0.1364i	0.0562+0.0913i	0.0398+0.0915i	0.0889+0.1276i	0.0988+0.1265i
9.7	-0.1239+0.3160i	0.3925-0.4424i	0.0127-0.0662i	0.2251-0.0951i	0.0491+0.0597i	0.0325+0.0597i	0.0791+0.0843i	0.0885+0.0809i
9.8	-0.2091+0.2374i	0.5085-0.3305i	0.0275-0.0447i	0.2454-0.0741i	0.0332+0.0443i	0.0164+0.0445i	0.0578+0.0634i	0.0655+0.0591i
9.9	-0.2711+0.1848i	0.5874-0.2604i	0.0349-0.0321i	0.2610-0.0597i	0.0227+0.0341i	0.0058+0.0346i	0.0436+0.0498i	0.0501+0.0444i
10.0	-0.3291+0.1537i	0.6625-0.2160i	0.0423-0.0229i	0.2755-0.0517i	0.0124+0.0276i	-0.0045+0.0284i	0.0300+0.0411i	0.0357+0.0346i
10.1	-0.3819+0.1310i	0.7304-0.1854i	0.0479-0.0173i	0.2899-0.0469i	0.0037+0.0232i	-0.0134+0.0240i	0.0184+0.0353i	0.0230+0.0279i
10.2	-0.4299+0.1223i	0.7940-0.1768i	0.0528-0.0164i	0.3060-0.0468i	-0.0045+0.0217i	-0.0213+0.0224i	0.0080+0.0331i	0.0115+0.0258i
10.3	-0.4719+0.1184i	0.8454-0.1757i	0.0515-0.0209i	0.3187-0.0474i	-0.0109+0.0212i	-0.0276+0.0222i	-0.0003+0.0323i	0.0025+0.0254i
10.4	-0.5050+0.1136i	0.8766-0.1754i	0.0413-0.0201i	0.3295-0.0505i	-0.0150+0.0207i	-0.0319+0.0216i	-0.0057+0.0323i	-0.0028+0.0248i
10.5	-0.5371+0.1056i	0.9052-0.1651i	0.0321-0.0111i	0.3367-0.0558i	-0.0186+0.0192i	-0.0358+0.0200i	-0.0103+0.0303i	-0.0073+0.0224i
10.6	-0.5692+0.1018i	0.9387-0.1531i	0.0286+0.0001i	0.3371-0.0588i	-0.0227+0.0176i	-0.0397+0.0185i	-0.0151+0.0283i	-0.0125+0.0196i
10.7	-0.5990+0.0913i	0.9682-0.1340i	0.0292+0.0059i	0.3403-0.0545i	-0.0264+0.0155i	-0.0437+0.0161i	-0.0198+0.0254i	-0.0177+0.0164i
10.8	-0.6446+0.0925i	1.0185-0.1266i	0.0290+0.0124i	0.3496-0.0525i	-0.0323+0.0146i	-0.0498+0.0150i	-0.0274+0.0242i	-0.0260+0.0145i
10.9	-0.6896+0.0874i	1.0725-0.1171i	0.0250+0.0182i	0.3607-0.0488i	-0.0385+0.0132i	-0.0560+0.0135i	-0.0354+0.0222i	-0.0340+0.0125i
11.0	-0.7277+0.0853i	1.1174-0.1124i	0.0193+0.0201i	0.3728-0.0480i	-0.0436+0.0124i	-0.0611+0.0131i	-0.0417+0.0215i	-0.0408+0.0116i
11.1	-0.7671+0.0861i	1.1631-0.1111i	0.0175+0.0225i	0.3815-0.0485i	-0.0489+0.0122i	-0.0665+0.0129i	-0.0480+0.0215i	-0.0480+0.0116i
11.2	-0.8105+0.0904i	1.2109-0.1135i	0.0139+0.0235i	0.3914-0.0489i	-0.0542+0.0123i	-0.0718+0.0129i	-0.0544+0.0216i	-0.0557+0.0115i
11.3	-0.8569+0.0929i	1.2604-0.1144i	0.0055+0.0262i	0.4054-0.0495i	-0.0595+0.0124i	-0.0773+0.0130i	-0.0608+0.0216i	-0.0623+0.0111i
11.4	-0.9133+0.0958i	1.3219-0.1178i	-0.0041+0.0294i	0.4220-0.0507i	-0.0666+0.0127i	-0.0845+0.0131i	-0.0693+0.0222i	-0.0716+0.0116i
11.5	-0.9567+0.0991i	1.3698-0.1219i	-0.0126+0.0322i	0.4358-0.0548i	-0.0719+0.0129i	-0.0897+0.0135i	-0.0757+0.0224i	-0.0785+0.0124i
11.6	-1.0106+0.1054i	1.4282-0.1268i	-0.0233+0.0340i	0.4508-0.0570i	-0.0783+0.0134i	-0.0963+0.0142i	-0.0831+0.0230i	-0.0865+0.0130i
11.7	-1.0752+0.1102i	1.4977-0.1301i	-0.0390+0.0328i	0.4716-0.0544i	-0.0860+0.0137i	-0.1039+0.0147i	-0.0927+0.0236i	-0.0966+0.0129i
11.8	-1.1312+0.1247i	1.5597-0.1459i	-0.0572+0.0388i	0.4943-0.0616i	-0.0928+0.0153i	-0.1107+0.0162i	-0.1010+0.0258i	-0.1058+0.0151i
11.9	-1.1953+0.1426i	1.6271-0.1660i	-0.0781+0.0419i	0.5181-0.0653i	-0.1002+0.0175i	-0.1182+0.0181i	-0.1102+0.0286i	-0.1152+0.0177i

12.0	-1.2640+0.1528i	1.6990-0.1783i	-0.0991+0.0454i	0.5441-0.0715i	-0.1081+0.0186i	-0.1264+0.0196i	-0.1199+0.0303i	-0.1254+0.0194i
12.1	-1.3528+0.1636i	1.7934-0.1936i	-0.1295+0.0546i	0.5786-0.0846i	-0.1185+0.0202i	-0.1370+0.0213i	-0.1323+0.0324i	-0.1389+0.0218i
12.2	-1.4388+0.1799i	1.8838-0.2122i	-0.1656+0.0623i	0.6172-0.0962i	-0.1285+0.0225i	-0.1469+0.0236i	-0.1441+0.0355i	-0.1517+0.0242i
12.3	-1.5275+0.1977i	1.9750-0.2346i	-0.2085+0.0741i	0.6641-0.1123i	-0.1381+0.0250i	-0.1567+0.0261i	-0.1563+0.0393i	-0.1638+0.0274i
12.4	-1.6245+0.2258i	2.0736-0.2678i	-0.2628+0.0928i	0.7187-0.1358i	-0.1489+0.0287i	-0.1673+0.0299i	-0.1698+0.0443i	-0.1764+0.0325i
12.5	-1.7243+0.2624i	2.1739-0.3122i	-0.3165+0.1229i	0.7673-0.1682i	-0.1598+0.0335i	-0.1785+0.0345i	-0.1827+0.0512i	-0.1888+0.0385i
12.6	-1.8555+0.2874i	2.3050-0.3428i	-0.3945+0.1713i	0.8415-0.2206i	-0.1743+0.0367i	-0.1931+0.0376i	-0.1998+0.0559i	-0.2063+0.0419i
12.7	-2.0003+0.3421i	2.4468-0.3996i	-0.4796+0.2583i	0.9236-0.3061i	-0.1899+0.0429i	-0.2083+0.0436i	-0.2174+0.0654i	-0.2271+0.0482i
12.8	-2.1424+0.4009i	2.5824-0.4609i	-0.5531+0.3603i	0.9917-0.4056i	-0.2049+0.0501i	-0.2236+0.0503i	-0.2345+0.0761i	-0.2464+0.0553i
12.9	-2.3197+0.4643i	2.7563-0.5247i	-0.6061+0.4990i	1.0410-0.5377i	-0.2240+0.0572i	-0.2431+0.0577i	-0.2555+0.0865i	-0.2719+0.0634i
13.0	-2.5083+0.5562i	2.9412-0.6184i	-0.6555+0.6468i	1.0920-0.6771i	-0.2448+0.0676i	-0.2644+0.0677i	-0.2773+0.1007i	-0.3004+0.0748i
13.1	-2.7410+0.6613i	3.1736-0.7223i	-0.7197+0.8133i	1.1546-0.8349i	-0.2704+0.0795i	-0.2904+0.0792i	-0.3042+0.1158i	-0.3362+0.0902i
13.2	-3.0715+0.7838i	3.5085-0.8482i	-0.8539+1.0481i	1.2917-1.0639i	-0.3064+0.0943i	-0.3275+0.0940i	-0.3434+0.1339i	-0.3860+0.1107i
13.3	-3.3604+0.9836i	3.7977-1.0570i	-0.9446+1.3733i	1.3890-1.3841i	-0.3375+0.1182i	-0.3594+0.1176i	-0.3769+0.1618i	-0.4279+0.1434i
13.4	-3.6800+1.3622i	4.1104-1.4468i	-0.9013+1.9765i	1.3500-1.9774i	-0.3702+0.1621i	-0.3934+0.1610i	-0.4106+0.2111i	-0.4724+0.2035i
13.5	-4.0182+1.7835i	4.4376-1.8789i	-0.4833+2.8462i	0.9495-2.8310i	-0.4037+0.2101i	-0.4291+0.2084i	-0.4463+0.2624i	-0.5157+0.2708i
13.6	-4.2717+2.3200i	4.6649-2.4220i	0.5843+3.5392i	-0.0838-3.5153i	-0.4272+0.2692i	-0.4558+0.2685i	-0.4732+0.3245i	-0.5418+0.3549i
13.7	-4.5416+2.8960i	4.9095-2.9827i	2.3793+3.3311i	-1.8312-3.3306i	-0.4526+0.3303i	-0.4844+0.3330i	-0.5099+0.3890i	-0.5617+0.4422i
13.8	-4.8593+3.3909i	5.2189-3.4606i	3.1594+2.4307i	-2.5985-2.4663i	-0.4854+0.3820i	-0.5177+0.3886i	-0.5550+0.4512i	-0.5936+0.5071i
13.9	-5.4893+4.2180i	5.8460-4.2711i	3.6627+1.2816i	-3.1010-1.3636i	-0.5519+0.4705i	-0.5850+0.4816i	-0.6402+0.5597i	-0.6664+0.6160i
14.0	-6.3311+5.8570i	6.6743-5.8964i	3.8084+0.1222i	-3.2601-0.2554i	-0.6398+0.6479i	-0.6733+0.6647i	-0.7470+0.7775i	-0.7667+0.8345i
14.1	-6.2977+8.0041i	6.6315-8.0284i	3.5711-0.7273i	-3.0525+0.5610i	-0.6323+0.8788i	-0.6640+0.9009i	-0.7350+1.0571i	-0.7508+1.1190i
14.2	-3.9253+12.3750i	4.2552-12.3560i	2.7226-2.0146i	-2.2854+1.8250i	-0.3687+1.3455i	-0.3916+1.3774i	-0.4115+1.6159i	-0.4103+1.6888i
14.3	0.9312+13.8036i	-0.5729-13.7473i	1.5014-2.4016i	-1.1300+2.2483i	0.1578+1.4912i	0.1470+1.5235i	0.2221+1.7835i	0.2474+1.8527i
14.4	6.2957+11.0303i	-5.8936-10.9645i	0.1887-1.8834i	0.1467+1.8021i	0.7321+1.1833i	0.7326+1.2059i	0.9066+1.4055i	0.9512+1.4534i
14.5	7.4480+7.7151i	-7.0252-7.6616i	-0.1529-1.2404i	0.4952+1.2031i	0.8514+0.8226i	0.8532+0.8371i	1.0452+0.9719i	1.0892+1.0020i
14.6	7.1075+5.2818i	-6.6763-5.2293i	-0.1654-0.7650i	0.5229+0.7612i	0.8111+0.5586i	0.8110+0.5674i	0.9929+0.6558i	1.0326+0.6745i
14.7	6.6022+3.9149i	-6.1577-3.8607i	-0.1002-0.5070i	0.4836+0.5249i	0.7533+0.4101i	0.7512+0.4163i	0.9211+0.4784i	0.9570+0.4912i
14.8	5.9371+2.6528i	-5.4721-2.6135i	-0.0154-0.3050i	0.4339+0.3285i	0.6773+0.2758i	0.6734+0.2797i	0.8279+0.3196i	0.8581+0.3260i
14.9	5.4793+2.0420i	-5.0096-2.0111i	0.0392-0.2063i	0.3924+0.2273i	0.6268+0.2112i	0.6215+0.2140i	0.7668+0.2430i	0.7933+0.2474i
15.0	4.8875+1.5493i	-4.4140-1.5251i	0.1199-0.1276i	0.3247+0.1454i	0.5621+0.1594i	0.5553+0.1611i	0.6879+0.1807i	0.7125+0.1858i
15.1	4.4205+1.2517i	-3.9428-1.2367i	0.1833-0.0975i	0.2731+0.1094i	0.5113+0.1282i	0.5033+0.1295i	0.6258+0.1448i	0.6493+0.1478i
15.2	4.0445+0.9857i	-3.5657-0.9770i	0.2290-0.0784i	0.2355+0.0849i	0.4706+0.1004i	0.4615+0.1012i	0.5766+0.1127i	0.5977+0.1136i
15.3	3.7136+0.8314i	-3.2363-0.8309i	0.2576-0.0709i	0.2103+0.0707i	0.4350+0.0842i	0.4254+0.0852i	0.5341+0.0941i	0.5535+0.0941i
15.4	3.4094+0.6858i	-2.9332-0.6920i	0.2722-0.0653i	0.1974+0.0589i	0.4026+0.0689i	0.3923+0.0695i	0.4956+0.0763i	0.5130+0.0747i
15.5	3.2047+0.5846i	-2.7299-0.5930i	0.2754-0.0604i	0.1942+0.0532i	0.3811+0.0581i	0.3700+0.0588i	0.4696+0.0639i	0.4859+0.0621i
15.6	2.9871+0.4771i	-2.5120-0.4871i	0.2824-0.0482i	0.1884+0.0405i	0.3577+0.0461i	0.3463+0.0469i	0.4420+0.0499i	0.4568+0.0474i
15.7	2.8394+0.4415i	-2.3657-0.4528i	0.2895-0.0430i	0.1831+0.0340i	0.3420+0.0421i	0.3301+0.0428i	0.4232+0.0451i	0.4370+0.0425i
15.8	2.6570+0.3871i	-2.1864-0.3992i	0.2987-0.0363i	0.1757+0.0247i	0.3228+0.0360i	0.3105+0.0366i	0.4002+0.0379i	0.4129+0.0347i
15.9	2.5331+0.3529i	-2.0624-0.3644i	0.3051-0.0303i	0.1709+0.0201i	0.3097+0.0318i	0.2972+0.0325i	0.3848+0.0334i	0.3966+0.0299i
16.0	2.4017+0.3017i	-1.9306-0.3129i	0.3101-0.0239i	0.1673+0.0154i	0.2958+0.0255i	0.2831+0.0262i	0.3683+0.0257i	0.3791+0.0221i
16.1	2.2932+0.2644i	-1.8203-0.2765i	0.3158-0.0182i	0.1645+0.0109i	0.2843+0.0204i	0.2715+0.0210i	0.3550+0.0191i	0.3650+0.0152i
16.2	2.1890+0.2463i	-1.7152-0.2601i	0.3224-0.0195i	0.1603+0.0100i	0.2724+0.0172i	0.2594+0.0176i	0.3405+0.0145i	0.3499+0.0110i
16.3	2.1121+0.2294i	-1.6373-0.2446i	0.3248-0.0200i	0.1602+0.0102i	0.2631+0.0146i	0.2497+0.0150i	0.3283+0.0112i	0.3380+0.0082i
16.4	2.0485+0.2091i	-1.5715-0.2238i	0.3227-0.0200i	0.1640+0.0103i	0.2547+0.0124i	0.2413+0.0128i	0.3177+0.0087i	0.3274+0.0051i
16.5	1.9754+0.1764i	-1.4980-0.1917i	0.3226-0.0189i	0.1655+0.0075i	0.2459+0.0091i	0.2326+0.0096i	0.3068+0.0051i	0.3167+0.0011i
16.6	1.9087+0.1705i	-1.4344-0.1834i	0.3266-0.0179i	0.1624+0.0054i	0.2390+0.0088i	0.2253+0.0092i	0.2982+0.0052i	0.3082+0.0011i
16.7	1.8450+0.1578i	-1.3697-0.1680i	0.3294-0.0149i	0.1595+0.0040i	0.2325+0.0074i	0.2186+0.0078i	0.2906+0.0035i	0.3000-0.0010i
16.8	1.7901+0.1443i	-1.3111-0.1547i	0.3286-0.0114i	0.1628+0.0029i	0.2263+0.0053i	0.2119+0.0056i	0.2828+0.0008i	0.2914-0.0042i
16.9	1.7345+0.1257i	-1.2519-0.1399i	0.3298-0.0105i	0.1690-0.0001i	0.2197+0.0031i	0.2052+0.0038i	0.2745-0.0015i	0.2826-0.0068i
17.0	1.6895+0.1144i	-1.2063-0.1319i	0.3341-0.0093i	0.1667-0.0041i	0.2147+0.0023i	0.2003+0.0026i	0.2689-0.0022i	0.2768-0.0078i
17.1	1.6484+0.1016i	-1.1665-0.1192i	0.3377-0.0084i	0.1625-0.0055i	0.2106-0.0002i	0.1962+0.0000i	0.2644-0.0056i	0.2720-0.0113i
17.2	1.6053+0.0904i	-1.1223-0.1053i	0.3343-0.0119i	0.1656-0.0001i	0.2048-0.0023i	0.1902-0.0020i	0.2567-0.0080i	0.2643-0.0140i
17.3	1.5600+0.0831i	-1.0734-0.0983i	0.3350-0.0096i	0.1675-0.0017i	0.1995-0.0033i	0.1847-0.0028i	0.2504-0.0090i	0.2568-0.0147i
17.4	1.5227+0.0823i	-1.0356-0.0960i	0.3377-0.0113i	0.1677-0.0019i	0.1947-0.0038i	0.1798-0.0032i	0.2448-0.0096i	0.2503-0.0157i
17.5	1.4922+0.0765i	-1.0044-0.0912i	0.3391-0.0111i	0.1710-0.0018i	0.1904-0.0042i	0.1756-0.0037i	0.2395-0.0104i	0.2447-0.0166i
17.6	1.4644+0.0696i	-0.9730-0.0838i	0.3389-0.0118i	0.1722-0.0018i	0.1864-0.0052i	0.1715-0.0048i	0.2343-0.0114i	0.2388-0.0175i
17.7	1.4334+0.0634i	-0.9409-0.0798i	0.3373-0.0124i	0.1766-0.0009i	0.1819-0.0054i	0.1668-0.0053i	0.2286-0.0116i	0.2330-0.0173i
17.8	1.4015+0.0585i	-0.9086-0.0753i	0.3393-0.0104i	0.1779-0.0010i	0.1776-0.0053i	0.1622-0.0053i	0.2228-0.0113i	0.2271-0.0170i
17.9	1.3740+0.0521i	-0.8746-0.0680i	0.3416-0.0105i	0.1799-0.0024i	0.1736-0.0057i	0.1585-0.0053i	0.2180-0.0114i	0.2215-0.0171i
18.0	1.3513+0.0431i	-0.8483-0.0625i	0.3419-0.0107i	0.1827-0.0027i	0.1704-0.0053i	0.1554-0.0050i	0.2142-0.0106i	0.2171-0.0162i
18.1	1.3293+0.0394i	-0.8241-0.0593i	0.3450-0.0077i	0.1841-0.0075i	0.1682-0.0042i	0.1525-0.0042i	0.2110-0.0094i	0.2143-0.0149i
18.2	1.3080+0.0344i	-0.7999-0.0570i	0.3471-0.0100i	0.1864-0.0116i	0.1660-0.0039i	0.1501-0.0039i	0.2084-0.0085i	0.2115-0.0136i

18.3	1.2822+0.0304i	-0.7746-0.0536i	0.3457-0.0090i	0.1868-0.0155i	0.1635-0.0040i	0.1476-0.0036i	0.2056-0.0080i	0.2083-0.0131i
18.4	1.2627+0.0310i	-0.7506-0.0529i	0.3489-0.0093i	0.1869-0.0151i	0.1616-0.0036i	0.1455-0.0029i	0.2036-0.0073i	0.2064-0.0125i
18.5	1.2474+0.0277i	-0.7283-0.0502i	0.3550-0.0102i	0.1889-0.0149i	0.1594-0.0037i	0.1435-0.0031i	0.2012-0.0072i	0.2040-0.0121i
18.6	1.2315+0.0208i	-0.7062-0.0545i	0.3585-0.0150i	0.1934-0.0195i	0.1572-0.0032i	0.1413-0.0026i	0.1985-0.0058i	0.2011-0.0107i
18.7	1.2136+0.0120i	-0.6890-0.0531i	0.3580-0.0216i	0.1940-0.0237i	0.1555-0.0027i	0.1399-0.0018i	0.1971-0.0049i	0.2002-0.0099i
18.8	1.1887+0.0059i	-0.6724-0.0521i	0.3555-0.0238i	0.1884-0.0258i	0.1544-0.0029i	0.1387-0.0022i	0.1962-0.0054i	0.1985-0.0103i
18.9	1.1749+0.0038i	-0.6598-0.0522i	0.3555-0.0238i	0.1853-0.0285i	0.1540-0.0028i	0.1379-0.0022i	0.1957-0.0051i	0.1980-0.0103i
19.0	1.1550+0.0016i	-0.6387-0.0489i	0.3544-0.0273i	0.1853-0.0280i	0.1527-0.0029i	0.1365-0.0025i	0.1944-0.0055i	0.1965-0.0105i
19.1	1.1362-0.0075i	-0.6223-0.0438i	0.3516-0.0295i	0.1848-0.0258i	0.1512-0.0035i	0.1352-0.0030i	0.1938-0.0061i	0.1947-0.0112i
19.2	1.1208-0.0114i	-0.6099-0.0435i	0.3537-0.0296i	0.1859-0.0243i	0.1506-0.0041i	0.1345-0.0034i	0.1931-0.0069i	0.1945-0.0115i
19.3	1.1064-0.0075i	-0.5949-0.0453i	0.3534-0.0304i	0.1884-0.0259i	0.1499-0.0044i	0.1335-0.0035i	0.1920-0.0072i	0.1933-0.0114i
19.4	1.0978-0.0107i	-0.5826-0.0442i	0.3531-0.0308i	0.1914-0.0283i	0.1492-0.0049i	0.1331-0.0040i	0.1918-0.0080i	0.1932-0.0117i
19.5	1.0838-0.0157i	-0.5676-0.0409i	0.3525-0.0323i	0.1921-0.0311i	0.1483-0.0056i	0.1320-0.0046i	0.1911-0.0092i	0.1926-0.0129i
19.6	1.0712-0.0197i	-0.5553-0.0417i	0.3513-0.0319i	0.1918-0.0348i	0.1473-0.0066i	0.1310-0.0054i	0.1899-0.0105i	0.1915-0.0145i
19.7	1.0568-0.0210i	-0.5417-0.0418i	0.3482-0.0341i	0.1892-0.0330i	0.1461-0.0070i	0.1295-0.0058i	0.1879-0.0111i	0.1892-0.0147i
19.8	1.0420-0.0242i	-0.5304-0.0436i	0.3506-0.0363i	0.1865-0.0348i	0.1452-0.0079i	0.1285-0.0069i	0.1872-0.0128i	0.1890-0.0165i
19.9	1.0329-0.0256i	-0.5210-0.0434i	0.3504-0.0369i	0.1882-0.0361i	0.1446-0.0085i	0.1279-0.0073i	0.1867-0.0134i	0.1888-0.0178i
20.0	1.0176-0.0286i	-0.5090-0.0421i	0.3490-0.0381i	0.1865-0.0371i	0.1434-0.0097i	0.1265-0.0086i	0.1852-0.0152i	0.1867-0.0193i
20.1	1.0089-0.0302i	-0.5016-0.0407i	0.3481-0.0387i	0.1869-0.0372i	0.1426-0.0107i	0.1259-0.0093i	0.1844-0.0164i	0.1859-0.0206i
20.2	1.0022-0.0321i	-0.4953-0.0406i	0.3489-0.0394i	0.1860-0.0378i	0.1419-0.0116i	0.1254-0.0101i	0.1837-0.0179i	0.1849-0.0219i
20.3	0.9903-0.0343i	-0.4822-0.0391i	0.3447-0.0411i	0.1832-0.0378i	0.1401-0.0126i	0.1237-0.0112i	0.1812-0.0191i	0.1828-0.0228i
20.4	0.9755-0.0345i	-0.4725-0.0368i	0.3436-0.0382i	0.1850-0.0372i	0.1381-0.0144i	0.1216-0.0130i	0.1784-0.0222i	0.1805-0.0262i
20.5	0.9676-0.0336i	-0.4660-0.0358i	0.3440-0.0368i	0.1816-0.0343i	0.1363-0.0148i	0.1198-0.0136i	0.1764-0.0231i	0.1783-0.0269i
20.6	0.9590-0.0359i	-0.4574-0.0315i	0.3462-0.0366i	0.1822-0.0307i	0.1348-0.0157i	0.1181-0.0147i	0.1744-0.0243i	0.1758-0.0287i
20.7	0.9515-0.0348i	-0.4488-0.0317i	0.3470-0.0388i	0.1851-0.0298i	0.1333-0.0163i	0.1164-0.0145i	0.1721-0.0252i	0.1735-0.0294i
20.8	0.9417-0.0348i	-0.4354-0.0338i	0.3482-0.0389i	0.1864-0.0311i	0.1308-0.0166i	0.1141-0.0143i	0.1686-0.0252i	0.1696-0.0292i
20.9	0.9376-0.0394i	-0.4257-0.0306i	0.3479-0.0399i	0.1869-0.0328i	0.1280-0.0168i	0.1119-0.0151i	0.1656-0.0257i	0.1655-0.0300i
21.0	0.9245-0.0415i	-0.4136-0.0311i	0.3500-0.0407i	0.1903-0.0347i	0.1262-0.0162i	0.1098-0.0149i	0.1624-0.0257i	0.1630-0.0295i
21.1	0.9199-0.0423i	-0.4062-0.0352i	0.3494-0.0413i	0.1909-0.0355i	0.1247-0.0163i	0.1084-0.0150i	0.1604-0.0261i	0.1602-0.0290i
21.2	0.9130-0.0436i	-0.3973-0.0375i	0.3499-0.0457i	0.1903-0.0345i	0.1228-0.0154i	0.1068-0.0140i	0.1581-0.0242i	0.1581-0.0275i
21.3	0.9044-0.0443i	-0.3891-0.0437i	0.3528-0.0497i	0.1921-0.0378i	0.1216-0.0141i	0.1055-0.0125i	0.1565-0.0219i	0.1567-0.0250i
21.4	0.8994-0.0467i	-0.3848-0.0484i	0.3510-0.0525i	0.1933-0.0422i	0.1207-0.0134i	0.1046-0.0118i	0.1553-0.0204i	0.1554-0.0233i
21.5	0.8923-0.0476i	-0.3842-0.0513i	0.3475-0.0541i	0.1900-0.0424i	0.1201-0.0118i	0.1041-0.0107i	0.1545-0.0185i	0.1547-0.0213i
21.6	0.8830-0.0471i	-0.3819-0.0530i	0.3480-0.0554i	0.1864-0.0452i	0.1194-0.0112i	0.1031-0.0094i	0.1529-0.0176i	0.1536-0.0203i
21.7	0.8771-0.0518i	-0.3834-0.0522i	0.3469-0.0589i	0.1836-0.0458i	0.1193-0.0110i	0.1028-0.0092i	0.1527-0.0173i	0.1538-0.0198i
21.8	0.8701-0.0519i	-0.3822-0.0533i	0.3444-0.0630i	0.1802-0.0447i	0.1193-0.0097i	0.1034-0.0083i	0.1533-0.0156i	0.1541-0.0174i
21.9	0.8628-0.0506i	-0.3839-0.0527i	0.3398-0.0624i	0.1781-0.0417i	0.1194-0.0088i	0.1031-0.0074i	0.1534-0.0139i	0.1548-0.0162i
22.0	0.8529-0.0458i	-0.3853-0.0567i	0.3311-0.0577i	0.1759-0.0424i	0.1189-0.0077i	0.1025-0.0070i	0.1526-0.0122i	0.1550-0.0146i
22.1	0.8443-0.0434i	-0.3806-0.0534i	0.3260-0.0562i	0.1708-0.0416i	0.1190-0.0080i	0.1019-0.0068i	0.1529-0.0124i	0.1547-0.0145i
22.2	0.8388-0.0448i	-0.3784-0.0481i	0.3252-0.0533i	0.1707-0.0378i	0.1182-0.0072i	0.1015-0.0064i	0.1522-0.0117i	0.1536-0.0143i
22.3	0.8361-0.0430i	-0.3777-0.0441i	0.3232-0.0503i	0.1705-0.0369i	0.1184-0.0071i	0.1018-0.0067i	0.1524-0.0111i	0.1550-0.0139i
22.4	0.8325-0.0405i	-0.3773-0.0382i	0.3227-0.0480i	0.1665-0.0356i	0.1188-0.0068i	0.1026-0.0063i	0.1533-0.0103i	0.1560-0.0132i
22.5	0.8270-0.0384i	-0.3744-0.0335i	0.3233-0.0454i	0.1654-0.0311i	0.1188-0.0068i	0.1022-0.0062i	0.1532-0.0106i	0.1554-0.0131i
22.6	0.8242-0.0358i	-0.3725-0.0300i	0.3232-0.0383i	0.1663-0.0247i	0.1192-0.0063i	0.1020-0.0059i	0.1543-0.0101i	0.1553-0.0127i
22.7	0.8211-0.0301i	-0.3666-0.0239i	0.3279-0.0310i	0.1658-0.0195i	0.1192-0.0062i	0.1020-0.0063i	0.1546-0.0101i	0.1561-0.0137i
22.8	0.8220-0.0302i	-0.3594-0.0173i	0.3312-0.0344i	0.1702-0.0184i	0.1190-0.0070i	0.1017-0.0062i	0.1545-0.0106i	0.1564-0.0145i
22.9	0.8221-0.0305i	-0.3559-0.0132i	0.3328-0.0358i	0.1733-0.0157i	0.1194-0.0072i	0.1017-0.0058i	0.1550-0.0111i	0.1563-0.0132i
23.0	0.8194-0.0301i	-0.3493-0.0145i	0.3379-0.0343i	0.1725-0.0120i	0.1187-0.0067i	0.1016-0.0060i	0.1548-0.0105i	0.1556-0.0123i
23.1	0.8171-0.0285i	-0.3437-0.0132i	0.3386-0.0340i	0.1769-0.0102i	0.1188-0.0063i	0.1014-0.0059i	0.1548-0.0098i	0.1562-0.0117i
23.2	0.8145-0.0272i	-0.3373-0.0083i	0.3379-0.0357i	0.1804-0.0074i	0.1189-0.0060i	0.1014-0.0055i	0.1551-0.0098i	0.1566-0.0121i
23.3	0.8139-0.0321i	-0.3315-0.0058i	0.3372-0.0333i	0.1841-0.0069i	0.1191-0.0065i	0.1019-0.0052i	0.1553-0.0106i	0.1575-0.0127i
23.4	0.8135-0.0321i	-0.3265-0.0073i	0.3401-0.0308i	0.1859-0.0074i	0.1194-0.0062i	0.1023-0.0054i	0.1558-0.0099i	0.1584-0.0119i
23.5	0.8135-0.0278i	-0.3215-0.0076i	0.3437-0.0307i	0.1906-0.0086i	0.1196-0.0056i	0.1023-0.0054i	0.1563-0.0097i	0.1580-0.0115i
23.6	0.8116-0.0275i	-0.3149-0.0055i	0.3454-0.0345i	0.1952-0.0099i	0.1192-0.0061i	0.1017-0.0050i	0.1559-0.0099i	0.1577-0.0116i
23.7	0.8112-0.0278i	-0.3136-0.0054i	0.3451-0.0333i	0.1967-0.0116i	0.1195-0.0059i	0.1018-0.0050i	0.1565-0.0096i	0.1580-0.0109i
23.8	0.8079-0.0287i	-0.3086-0.0083i	0.3470-0.0313i	0.1968-0.0118i	0.1198-0.0053i	0.1022-0.0046i	0.1569-0.0090i	0.1586-0.0108i
23.9	0.8118-0.0306i	-0.3040-0.0064i	0.3475-0.0344i	0.1990-0.0121i	0.1203-0.0054i	0.1026-0.0045i	0.1575-0.0090i	0.1599-0.0106i
24.0	0.8131-0.0326i	-0.3017-0.0073i	0.3507-0.0356i	0.1995-0.0115i	0.1209-0.0050i	0.1033-0.0045i	0.1584-0.0092i	0.1609-0.0102i
24.1	0.8122-0.0346i	-0.2988-0.0069i	0.3500-0.0336i	0.1997-0.0120i	0.1210-0.0055i	0.1031-0.0043i	0.1583-0.0091i	0.1615-0.0103i
24.2	0.8124-0.0362i	-0.2996-0.0051i	0.3509-0.0346i	0.2018-0.0121i	0.1216-0.0056i	0.1037-0.0040i	0.1594-0.0091i	0.1627-0.0095i
24.3	0.8147-0.0342i	-0.2975-0.0070i	0.3550-0.0342i	0.2067-0.0103i	0.1223-0.0054i	0.1050-0.0042i	0.1606-0.0088i	0.1645-0.0097i
24.4	0.8143-0.0323i	-0.2934-0.0053i	0.3566-0.0325i	0.2068-0.0118i	0.1226-0.0052i	0.1051-0.0045i	0.1613-0.0088i	0.1653-0.0106i
24.5	0.8128-0.0360i	-0.2912-0.0034i	0.3588-0.0327i	0.2086-0.0114i	0.1233-0.0053i	0.1047-0.0048i	0.1616-0.0090i	0.1659-0.0114i

24.6	0.8130-0.0391i	-0.2920-0.0006i	0.3615-0.0329i	0.2098-0.0116i	0.1238-0.0058i	0.1055-0.0051i	0.1624-0.0097i	0.1667-0.0118i
24.7	0.8167-0.0402i	-0.2859+0.0018i	0.3629-0.0326i	0.2106-0.0109i	0.1240-0.0059i	0.1060-0.0054i	0.1631-0.0095i	0.1672-0.0124i
24.8	0.8166-0.0440i	-0.2805+0.0029i	0.3650-0.0329i	0.2114-0.0123i	0.1242-0.0065i	0.1059-0.0057i	0.1637-0.0103i	0.1673-0.0134i
24.9	0.8147-0.0444i	-0.2785+0.0023i	0.3697-0.0316i	0.2136-0.0120i	0.1247-0.0072i	0.1060-0.0062i	0.1641-0.0112i	0.1684-0.0144i
25.0	0.8146-0.0476i	-0.2781+0.0021i	0.3721-0.0345i	0.2145-0.0169i	0.1252-0.0073i	0.1063-0.0063i	0.1650-0.0117i	0.1686-0.0143i
25.1	0.8178-0.0499i	-0.2795-0.0001i	0.3728-0.0367i	0.2178-0.0212i	0.1257-0.0070i	0.1069-0.0061i	0.1656-0.0115i	0.1700-0.0141i
25.2	0.8200-0.0516i	-0.2754-0.0012i	0.3766-0.0394i	0.2184-0.0225i	0.1261-0.0074i	0.1074-0.0067i	0.1667-0.0116i	0.1702-0.0155i
25.3	0.8186-0.0513i	-0.2717-0.0041i	0.3763-0.0394i	0.2171-0.0211i	0.1266-0.0075i	0.1081-0.0064i	0.1673-0.0116i	0.1705-0.0146i
25.4	0.8210-0.0512i	-0.2730-0.0047i	0.3793-0.0380i	0.2190-0.0194i	0.1272-0.0074i	0.1088-0.0066i	0.1687-0.0116i	0.1714-0.0142i
25.5	0.8254-0.0521i	-0.2748-0.0047i	0.3818-0.0374i	0.2194-0.0222i	0.1280-0.0073i	0.1094-0.0072i	0.1700-0.0118i	0.1732-0.0146i
25.6	0.8277-0.0566i	-0.2775-0.0053i	0.3830-0.0398i	0.2199-0.0252i	0.1286-0.0080i	0.1098-0.0072i	0.1705-0.0125i	0.1744-0.0155i
25.7	0.8279-0.0593i	-0.2784-0.0077i	0.3881-0.0428i	0.2187-0.0290i	0.1293-0.0081i	0.1103-0.0072i	0.1716-0.0127i	0.1757-0.0164i
25.8	0.8321-0.0621i	-0.2786-0.0099i	0.3905-0.0463i	0.2162-0.0312i	0.1306-0.0080i	0.1110-0.0074i	0.1741-0.0126i	0.1772-0.0163i
25.9	0.8346-0.0667i	-0.2828-0.0092i	0.3973-0.0485i	0.2152-0.0320i	0.1314-0.0082i	0.1119-0.0078i	0.1755-0.0137i	0.1783-0.0169i
26.0	0.8403-0.0745i	-0.2901-0.0038i	0.4033-0.0497i	0.2169-0.0327i	0.1331-0.0094i	0.1131-0.0088i	0.1778-0.0154i	0.1804-0.0186i
26.1	0.8425-0.0765i	-0.2918-0.0038i	0.4068-0.0507i	0.2145-0.0342i	0.1338-0.0101i	0.1139-0.0100i	0.1793-0.0166i	0.1815-0.0201i
26.2	0.8403-0.0819i	-0.2916-0.0031i	0.4111-0.0552i	0.2081-0.0401i	0.1343-0.0117i	0.1137-0.0113i	0.1796-0.0189i	0.1814-0.0223i
26.3	0.8449-0.0874i	-0.2996-0.0025i	0.4138-0.0615i	0.2029-0.0401i	0.1350-0.0130i	0.1136-0.0125i	0.1799-0.0203i	0.1814-0.0235i
26.4	0.8493-0.0930i	-0.3090+0.0010i	0.4173-0.0685i	0.1973-0.0342i	0.1357-0.0136i	0.1142-0.0132i	0.1809-0.0216i	0.1817-0.0236i
26.5	0.8484-0.1012i	-0.3159+0.0085i	0.4196-0.0792i	0.1909-0.0278i	0.1360-0.0150i	0.1137-0.0137i	0.1814-0.0232i	0.1820-0.0249i
26.6	0.8448-0.1023i	-0.3192+0.0148i	0.4179-0.0868i	0.1901-0.0193i	0.1355-0.0152i	0.1129-0.0138i	0.1807-0.0239i	0.1812-0.0249i
26.7	0.8468-0.1019i	-0.3228+0.0193i	0.4165-0.0903i	0.1913-0.0108i	0.1358-0.0148i	0.1134-0.0131i	0.1808-0.0235i	0.1816-0.0233i
26.8	0.8507-0.1087i	-0.3276+0.0289i	0.4152-0.0972i	0.1916-0.0035i	0.1368-0.0155i	0.1146-0.0133i	0.1819-0.0246i	0.1830-0.0236i
26.9	0.8571-0.1126i	-0.3362+0.0357i	0.4150-0.1036i	0.1940+0.0000i	0.1382-0.0159i	0.1153-0.0134i	0.1833-0.0251i	0.1856-0.0239i
27.0	0.8637-0.1214i	-0.3402+0.0504i	0.4126-0.1081i	0.1975+0.0033i	0.1392-0.0168i	0.1160-0.0137i	0.1849-0.0261i	0.1871-0.0240i
27.1	0.8673-0.1263i	-0.3474+0.0606i	0.4118-0.1135i	0.2016+0.0096i	0.1403-0.0170i	0.1169-0.0136i	0.1860-0.0270i	0.1895-0.0244i
27.2	0.8722-0.1334i	-0.3505+0.0749i	0.4096-0.1196i	0.2050+0.0178i	0.1421-0.0180i	0.1181-0.0142i	0.1869-0.0280i	0.1923-0.0251i
27.3	0.8731-0.1457i	-0.3478+0.0915i	0.4069-0.1252i	0.2063+0.0267i	0.1425-0.0192i	0.1186-0.0147i	0.1871-0.0287i	0.1936-0.0259i
27.4	0.8719-0.1582i	-0.3459+0.1091i	0.4020-0.1325i	0.2172+0.0314i	0.1430-0.0206i	0.1192-0.0149i	0.1872-0.0292i	0.1955-0.0271i
27.5	0.8767-0.1672i	-0.3422+0.1228i	0.3996-0.1406i	0.2243+0.0390i	0.1441-0.0212i	0.1205-0.0150i	0.1889-0.0298i	0.1981-0.0281i
27.6	0.8810-0.1794i	-0.3360+0.1410i	0.3935-0.1521i	0.2371+0.0446i	0.1458-0.0225i	0.1220-0.0155i	0.1905-0.0302i	0.2010-0.0307i
27.7	0.8819-0.1862i	-0.3302+0.1520i	0.3797-0.1559i	0.2529+0.0513i	0.1469-0.0236i	0.1233-0.0159i	0.1933-0.0306i	0.2039-0.0329i
27.8	0.8796-0.1955i	-0.3210+0.1670i	0.3664-0.1525i	0.2706+0.0556i	0.1473-0.0244i	0.1243-0.0162i	0.1954-0.0313i	0.2058-0.0347i
27.9	0.8753-0.2063i	-0.3036+0.1803i	0.3540-0.1420i	0.2898+0.0464i	0.1473-0.0263i	0.1257-0.0181i	0.1972-0.0337i	0.2059-0.0372i
28.0	0.8741-0.2143i	-0.2884+0.1832i	0.3440-0.1352i	0.3068+0.0327i	0.1479-0.0274i	0.1271-0.0191i	0.1989-0.0354i	0.2067-0.0396i
28.1	0.8778-0.2259i	-0.2843+0.1854i	0.3366-0.1277i	0.3177+0.0118i	0.1488-0.0289i	0.1278-0.0200i	0.2010-0.0377i	0.2081-0.0409i
28.2	0.8796-0.2425i	-0.2841+0.2026i	0.3369-0.1184i	0.3226-0.0044i	0.1513-0.0302i	0.1297-0.0202i	0.2045-0.0390i	0.2124-0.0411i
28.3	0.8707-0.2583i	-0.2682+0.2201i	0.3371-0.1044i	0.3191-0.0157i	0.1528-0.0330i	0.1329-0.0230i	0.2075-0.0434i	0.2167-0.0457i
28.4	0.8596-0.2589i	-0.2509+0.2197i	0.3427-0.0936i	0.3191-0.0219i	0.1530-0.0351i	0.1339-0.0257i	0.2079-0.0476i	0.2169-0.0493i
28.5	0.8598-0.2626i	-0.2376+0.2122i	0.3457-0.0901i	0.3214-0.0319i	0.1529-0.0362i	0.1345-0.0269i	0.2080-0.0500i	0.2173-0.0514i
28.6	0.8572-0.2689i	-0.2264+0.2123i	0.3534-0.0865i	0.3217-0.0424i	0.1535-0.0384i	0.1358-0.0292i	0.2090-0.0527i	0.2198-0.0557i
28.7	0.8588-0.2730i	-0.2257+0.2112i	0.3596-0.0861i	0.3215-0.0502i	0.1543-0.0400i	0.1364-0.0309i	0.2101-0.0550i	0.2212-0.0592i
28.8	0.8663-0.2836i	-0.2243+0.2150i	0.3687-0.0844i	0.3208-0.0557i	0.1562-0.0420i	0.1380-0.0333i	0.2126-0.0581i	0.2244-0.0620i
28.9	0.8714-0.3015i	-0.2191+0.2278i	0.3756-0.0895i	0.3193-0.0632i	0.1570-0.0455i	0.1392-0.0364i	0.2136-0.0623i	0.2262-0.0679i
29.0	0.8636-0.3126i	-0.2091+0.2277i	0.3806-0.0862i	0.3167-0.0711i	0.1555-0.0470i	0.1390-0.0379i	0.2131-0.0644i	0.2237-0.0711i
29.1	0.8609-0.3295i	-0.2070+0.2370i	0.3884-0.0864i	0.3140-0.0774i	0.1564-0.0500i	0.1397-0.0408i	0.2149-0.0684i	0.2247-0.0755i
29.2	0.8612-0.3440i	-0.2025+0.2455i	0.3961-0.0927i	0.3083-0.0824i	0.1579-0.0522i	0.1405-0.0433i	0.2169-0.0717i	0.2263-0.0796i
29.3	0.8486-0.3610i	-0.1872+0.2567i	0.3999-0.0986i	0.3078-0.0931i	0.1568-0.0560i	0.1399-0.0462i	0.2159-0.0774i	0.2243-0.0848i
29.4	0.8341-0.3864i	-0.1692+0.2689i	0.4040-0.1114i	0.3062-0.1045i	0.1553-0.0614i	0.1392-0.0511i	0.2144-0.0851i	0.2223-0.0931i
29.5	0.8187-0.4050i	-0.1524+0.2708i	0.4031-0.1146i	0.2979-0.1105i	0.1528-0.0643i	0.1375-0.0538i	0.2112-0.0887i	0.2192-0.0972i
29.6	0.7997-0.4182i	-0.1287+0.2757i	0.4004-0.1231i	0.2924-0.1191i	0.1495-0.0671i	0.1353-0.0562i	0.2082-0.0934i	0.2143-0.1013i
29.7	0.7827-0.4269i	-0.1173+0.2778i	0.3985-0.1311i	0.2873-0.1232i	0.1480-0.0693i	0.1343-0.0581i	0.2065-0.0964i	0.2116-0.1040i
29.8	0.7657-0.4274i	-0.0981+0.2712i	0.3985-0.1299i	0.2836-0.1221i	0.1468-0.0697i	0.1344-0.0597i	0.2054-0.0973i	0.2105-0.1064i
29.9	0.7497-0.4347i	-0.0812+0.2687i	0.3980-0.1353i	0.2768-0.1296i	0.1444-0.0726i	0.1324-0.0625i	0.2029-0.1022i	0.2068-0.1114i
30.0	0.7325-0.4436i	-0.0667+0.2647i	0.3953-0.1438i	0.2664-0.1361i	0.1420-0.0757i	0.1301-0.0650i	0.1994-0.1064i	0.2023-0.1157i
30.1	0.7133-0.4418i	-0.0569+0.2504i	0.3909-0.1479i	0.2583-0.1389i	0.1383-0.0763i	0.1273-0.0671i	0.1951-0.1085i	0.1963-0.1168i
30.2	0.6936-0.4330i	-0.0469+0.2314i	0.3869-0.1462i	0.2473-0.1365i	0.1335-0.0751i	0.1232-0.0679i	0.1902-0.1094i	0.1892-0.1150i
30.3	0.6848-0.4233i	-0.0441+0.2189i	0.3866-0.1466i	0.2418-0.1350i	0.1312-0.0735i	0.1199-0.0666i	0.1866-0.1085i	0.1836-0.1111i
30.4	0.6844-0.4228i	-0.0485+0.2154i	0.3910-0.1509i	0.2395-0.1360i	0.1309-0.0718i	0.1186-0.0654i	0.1853-0.1084i	0.1824-0.1065i
30.5	0.6753-0.4308i	-0.0497+0.2203i	0.3861-0.1573i	0.2326-0.1331i	0.1304-0.0711i	0.1179-0.0643i	0.1814-0.1091i	0.1842-0.1036i
30.6	0.6591-0.4351i	-0.0463+0.2255i	0.3825-0.1567i	0.2221-0.1356i	0.1303-0.0716i	0.1182-0.0647i	0.1799-0.1096i	0.1873-0.1049i
30.7	0.6398-0.4375i	-0.0311+0.2246i	0.3751-0.1545i	0.2156-0.1399i	0.1284-0.0722i	0.1168-0.0657i	0.1770-0.1105i	0.1854-0.1065i
30.8	0.6173-0.4223i	-0.0182+0.2177i	0.3671-0.1527i	0.2098-0.1319i	0.1259-0.0708i	0.1147-0.0646i	0.1731-0.1077i	0.1825-0.1055i

30.9	0.6085-0.4130i	-0.0130+0.2084i	0.3685-0.1475i	0.2022-0.1283i	0.1261-0.0694i	0.1156-0.0639i	0.1735-0.1058i	0.1839-0.1028i
31.0	0.5964-0.3954i	-0.0074+0.1938i	0.3656-0.1419i	0.1949-0.1246i	0.1247-0.0681i	0.1141-0.0623i	0.1716-0.1037i	0.1811-0.1018i
31.1	0.5929-0.3761i	-0.0046+0.1800i	0.3663-0.1367i	0.1876-0.1197i	0.1236-0.0660i	0.1129-0.0607i	0.1699-0.1004i	0.1799-0.0991i
31.2	0.5921-0.3587i	-0.0042+0.1694i	0.3701-0.1325i	0.1874-0.1155i	0.1242-0.0629i	0.1133-0.0587i	0.1703-0.0967i	0.1809-0.0940i
31.3	0.5959-0.3479i	-0.0085+0.1593i	0.3739-0.1321i	0.1819-0.1082i	0.1239-0.0606i	0.1139-0.0567i	0.1700-0.0929i	0.1812-0.0923i
31.4	0.5970-0.3392i	-0.0069+0.1505i	0.3799-0.1307i	0.1724-0.1010i	0.1236-0.0588i	0.1141-0.0557i	0.1695-0.0907i	0.1819-0.0899i
31.5	0.6028-0.3257i	-0.0108+0.1403i	0.3842-0.1303i	0.1672-0.0948i	0.1258-0.0564i	0.1163-0.0541i	0.1725-0.0879i	0.1851-0.0863i
31.6	0.6083-0.3233i	-0.0144+0.1373i	0.3909-0.1339i	0.1690-0.0865i	0.1281-0.0554i	0.1178-0.0537i	0.1761-0.0863i	0.1880-0.0866i
31.7	0.6193-0.3137i	-0.0174+0.1340i	0.3956-0.1350i	0.1649-0.0755i	0.1310-0.0541i	0.1210-0.0521i	0.1801-0.0841i	0.1941-0.0836i
31.8	0.6277-0.3076i	-0.0278+0.1310i	0.3959-0.1337i	0.1662-0.0709i	0.1333-0.0536i	0.1232-0.0510i	0.1837-0.0828i	0.1982-0.0823i
31.9	0.6395-0.3055i	-0.0362+0.1285i	0.4068-0.1397i	0.1619-0.0652i	0.1368-0.0537i	0.1267-0.0515i	0.1885-0.0832i	0.2025-0.0830i
32.0	0.6465-0.3070i	-0.0428+0.1289i	0.4104-0.1449i	0.1593-0.0558i	0.1390-0.0535i	0.1295-0.0521i	0.1921-0.0833i	0.2074-0.0829i
32.1	0.6585-0.3054i	-0.0532+0.1280i	0.4151-0.1516i	0.1590-0.0445i	0.1419-0.0527i	0.1324-0.0528i	0.1967-0.0830i	0.2121-0.0841i
32.2	0.6700-0.3116i	-0.0601+0.1316i	0.4187-0.1577i	0.1609-0.0310i	0.1454-0.0541i	0.1352-0.0543i	0.2027-0.0851i	0.2162-0.0868i
32.3	0.6856-0.3131i	-0.0657+0.1392i	0.4185-0.1649i	0.1695-0.0155i	0.1495-0.0546i	0.1389-0.0552i	0.2086-0.0861i	0.2230-0.0884i
32.4	0.6992-0.3108i	-0.0701+0.1441i	0.4201-0.1723i	0.1738-0.0009i	0.1529-0.0546i	0.1424-0.0556i	0.2126-0.0862i	0.2299-0.0881i
32.5	0.7122-0.3173i	-0.0735+0.1477i	0.4210-0.1779i	0.1826+0.0081i	0.1572-0.0557i	0.1464-0.0574i	0.2179-0.0880i	0.2364-0.0902i
32.6	0.7230-0.3196i	-0.0781+0.1544i	0.4210-0.1907i	0.1983+0.0202i	0.1620-0.0574i	0.1516-0.0591i	0.2248-0.0911i	0.2434-0.0934i
32.7	0.7408-0.3273i	-0.0832+0.1591i	0.4160-0.1942i	0.2136+0.0294i	0.1662-0.0590i	0.1554-0.0621i	0.2316-0.0947i	0.2490-0.0971i
32.8	0.7622-0.3471i	-0.0895+0.1689i	0.4114-0.1994i	0.2301+0.0323i	0.1708-0.0627i	0.1597-0.0662i	0.2410-0.0992i	0.2550-0.1045i
32.9	0.7766-0.3642i	-0.0890+0.1715i	0.4085-0.2141i	0.2471+0.0400i	0.1744-0.0662i	0.1635-0.0700i	0.2482-0.1033i	0.2599-0.1119i
33.0	0.7948-0.3892i	-0.0936+0.1842i	0.3997-0.2180i	0.2747+0.0382i	0.1798-0.0713i	0.1682-0.0758i	0.2577-0.1136i	0.2655-0.1188i
33.1	0.8055-0.4131i	-0.0991+0.1975i	0.3872-0.2176i	0.2936+0.0284i	0.1841-0.0752i	0.1723-0.0808i	0.2659-0.1228i	0.2699-0.1236i
33.2	0.8203-0.4448i	-0.1006+0.2091i	0.3763-0.2157i	0.3175+0.0161i	0.1891-0.0812i	0.1776-0.0872i	0.2740-0.1354i	0.2783-0.1302i
33.3	0.8214-0.4854i	-0.1019+0.2249i	0.3648-0.2082i	0.3381-0.0117i	0.1917-0.0892i	0.1800-0.0960i	0.2776-0.1524i	0.2828-0.1392i
33.4	0.8185-0.5176i	-0.0993+0.2418i	0.3621-0.1970i	0.3468-0.0376i	0.1942-0.0964i	0.1819-0.1040i	0.2785-0.1663i	0.2871-0.1491i
33.5	0.8028-0.5565i	-0.0907+0.2613i	0.3669-0.1798i	0.3402-0.0688i	0.1948-0.1062i	0.1811-0.1146i	0.2758-0.1838i	0.2894-0.1644i
33.6	0.7747-0.5886i	-0.0789+0.2702i	0.3744-0.1693i	0.3302-0.0916i	0.1914-0.1154i	0.1765-0.1244i	0.2673-0.1988i	0.2877-0.1784i
33.7	0.7556-0.6094i	-0.0669+0.2795i	0.3876-0.1662i	0.3182-0.1033i	0.1889-0.1225i	0.1728-0.1314i	0.2587-0.2105i	0.2848-0.1882i
33.8	0.7418-0.6256i	-0.0619+0.2910i	0.3997-0.1605i	0.3055-0.1104i	0.1885-0.1273i	0.1710-0.1360i	0.2556-0.2183i	0.2845-0.1961i
33.9	0.7245-0.6398i	-0.0502+0.2924i	0.4246-0.1651i	0.2861-0.1153i	0.1855-0.1307i	0.1675-0.1399i	0.2491-0.2248i	0.2815-0.2012i
34.0	0.7081-0.6511i	-0.0419+0.2934i	0.4416-0.1753i	0.2674-0.1127i	0.1833-0.1341i	0.1647-0.1431i	0.2432-0.2301i	0.2791-0.2055i
34.1	0.6948-0.6612i	-0.0352+0.2961i	0.4487-0.1932i	0.2544-0.1063i	0.1827-0.1364i	0.1637-0.1460i	0.2403-0.2343i	0.2785-0.2094i
34.2	0.6777-0.6647i	-0.0277+0.3023i	0.4549-0.2118i	0.2456-0.0937i	0.1819-0.1391i	0.1621-0.1496i	0.2351-0.2394i	0.2789-0.2145i
34.3	0.6607-0.6756i	-0.0169+0.3086i	0.4540-0.2241i	0.2452-0.0798i	0.1803-0.1438i	0.1590-0.1537i	0.2283-0.2458i	0.2783-0.2209i
34.4	0.6585-0.6889i	-0.0138+0.3141i	0.4521-0.2344i	0.2474-0.0717i	0.1817-0.1470i	0.1609-0.1562i	0.2278-0.2506i	0.2833-0.2244i
34.5	0.6517-0.7028i	-0.0061+0.3260i	0.4507-0.2443i	0.2531-0.0645i	0.1823-0.1525i	0.1609-0.1620i	0.2266-0.2586i	0.2865-0.2337i
34.6	0.6422-0.7242i	-0.0026+0.3385i	0.4521-0.2608i	0.2584-0.0573i	0.1821-0.1596i	0.1594-0.1697i	0.2231-0.2683i	0.2886-0.2461i
34.7	0.6316-0.7399i	0.0050+0.3422i	0.4495-0.2728i	0.2616-0.0523i	0.1828-0.1642i	0.1591-0.1742i	0.2202-0.2743i	0.2898-0.2537i
34.8	0.6172-0.7595i	0.0157+0.3475i	0.4504-0.2892i	0.2705-0.0493i	0.1823-0.1717i	0.1576-0.1818i	0.2154-0.2848i	0.2903-0.2664i
34.9	0.5946-0.7752i	0.0314+0.3548i	0.4431-0.3022i	0.2819-0.0452i	0.1801-0.1774i	0.1535-0.1872i	0.2082-0.2924i	0.2886-0.2767i
35.0	0.5759-0.7975i	0.0382+0.3650i	0.4309-0.3069i	0.2922-0.0494i	0.1798-0.1846i	0.1522-0.1948i	0.2028-0.3029i	0.2920-0.2894i
35.1	0.5627-0.8116i	0.0446+0.3735i	0.4221-0.3179i	0.3038-0.0434i	0.1805-0.1893i	0.1521-0.1989i	0.2003-0.3090i	0.2940-0.2971i
35.2	0.5425-0.8336i	0.0572+0.3794i	0.4051-0.3284i	0.3189-0.0527i	0.1807-0.1963i	0.1514-0.2066i	0.1951-0.3192i	0.2969-0.3085i
35.3	0.5157-0.8497i	0.0721+0.3888i	0.3915-0.3323i	0.3271-0.0635i	0.1779-0.2034i	0.1476-0.2133i	0.1860-0.3269i	0.2970-0.3218i
35.4	0.4820-0.8678i	0.0904+0.3958i	0.3870-0.3341i	0.3357-0.0760i	0.1741-0.2120i	0.1418-0.2218i	0.1739-0.3366i	0.2945-0.3387i
35.5	0.4535-0.8899i	0.1046+0.4023i	0.3826-0.3339i	0.3395-0.0888i	0.1705-0.2224i	0.1369-0.2318i	0.1644-0.3482i	0.2919-0.3583i
35.6	0.4247-0.8973i	0.1205+0.4070i	0.3759-0.3293i	0.3412-0.0949i	0.1673-0.2292i	0.1324-0.2376i	0.1556-0.3545i	0.2880-0.3713i
35.7	0.3864-0.9059i	0.1414+0.4168i	0.3709-0.3266i	0.3439-0.1056i	0.1618-0.2394i	0.1256-0.2467i	0.1427-0.3633i	0.2822-0.3922i
35.8	0.3495-0.9049i	0.1614+0.4159i	0.3676-0.3322i	0.3434-0.1209i	0.1540-0.2452i	0.1162-0.2518i	0.1258-0.3668i	0.2724-0.4063i
35.9	0.3105-0.9165i	0.1838+0.4207i	0.3616-0.3350i	0.3417-0.1354i	0.1474-0.2534i	0.1073-0.2599i	0.1093-0.3734i	0.2648-0.4242i
36.0	0.2698-0.9204i	0.1992+0.4170i	0.3602-0.3372i	0.3324-0.1440i	0.1411-0.2617i	0.0998-0.2660i	0.0941-0.3765i	0.2564-0.4429i
36.1	0.2297-0.9077i	0.2203+0.4098i	0.3585-0.3400i	0.3292-0.1509i	0.1322-0.2655i	0.0895-0.2673i	0.0790-0.3749i	0.2422-0.4524i
36.2	0.1986-0.8931i	0.2388+0.4016i	0.3548-0.3480i	0.3245-0.1557i	0.1247-0.2688i	0.0810-0.2688i	0.0661-0.3704i	0.2315-0.4634i
36.3	0.1675-0.8951i	0.2540+0.3990i	0.3559-0.3570i	0.3171-0.1679i	0.1181-0.2774i	0.0737-0.2761i	0.0532-0.3729i	0.2237-0.4848i
36.4	0.1300-0.8881i	0.2662+0.3948i	0.3497-0.3651i	0.3109-0.1713i	0.1110-0.2833i	0.0657-0.2803i	0.0411-0.3719i	0.2125-0.5010i
36.5	0.1044-0.8650i	0.2808+0.3903i	0.3389-0.3709i	0.3068-0.1696i	0.1031-0.2863i	0.0574-0.2811i	0.0300-0.3664i	0.1993-0.5129i
36.6	0.0685-0.8491i	0.2975+0.3851i	0.3260-0.3775i	0.3059-0.1728i	0.0937-0.2952i	0.0477-0.2884i	0.0168-0.3638i	0.1805-0.5401i
36.7	0.0421-0.8317i	0.3109+0.3721i	0.3141-0.3793i	0.2981-0.1775i	0.0881-0.2989i	0.0420-0.2901i	0.0086-0.3571i	0.1706-0.5557i
36.8	0.0240-0.8170i	0.3184+0.3658i	0.3056-0.3802i	0.2940-0.1779i	0.0816-0.3039i	0.0356-0.2931i	0.0018-0.3549i	0.1579-0.5703i
36.9	0.0017-0.7978i	0.3343+0.3679i	0.2902-0.3763i	0.2926-0.1769i	0.0703-0.3115i	0.0257-0.2989i	-0.0076-0.3514i	0.1327-0.5943i
37.0	-0.0169-0.7756i	0.3454+0.3580i	0.2838-0.3585i	0.2907-0.1863i	0.0606-0.3131i	0.0158-0.2991i	-0.0127-0.3419i	0.1065-0.6056i
37.1	-0.0299-0.7656i	0.3487+0.3561i	0.2883-0.3535i	0.2868-0.1942i	0.0569-0.3186i	0.0115-0.3031i	-0.0130-0.3392i	0.0963-0.6230i

37.2	-0.0446-0.7671i	0.3519+0.3633i	0.2946-0.3595i	0.2775-0.1954i	0.0518-0.3286i	0.0065-0.3120i	-0.0146-0.3420i	0.0833-0.6504i
37.3	-0.0702-0.7566i	0.3714+0.3655i	0.2924-0.3710i	0.2655-0.1924i	0.0400-0.3420i	-0.0054-0.3229i	-0.0191-0.3432i	0.0492-0.6864i
37.4	-0.1048-0.7392i	0.3951+0.3578i	0.2839-0.3789i	0.2561-0.1872i	0.0219-0.3489i	-0.0236-0.3275i	-0.0295-0.3409i	0.0032-0.7041i
37.5	-0.1419-0.7228i	0.4173+0.3607i	0.2735-0.3955i	0.2528-0.1835i	-0.0001-0.3580i	-0.0452-0.3336i	-0.0415-0.3408i	-0.0536-0.7272i
37.6	-0.1697-0.7056i	0.4433+0.3563i	0.2594-0.4087i	0.2560-0.1832i	-0.0223-0.3653i	-0.0663-0.3382i	-0.0450-0.3393i	-0.1174-0.7462i
37.7	-0.1973-0.6953i	0.4607+0.3552i	0.2391-0.4142i	0.2619-0.1807i	-0.0405-0.3727i	-0.0838-0.3445i	-0.0480-0.3420i	-0.1695-0.7622i
37.8	-0.2378-0.6576i	0.4867+0.3482i	0.2035-0.4054i	0.2675-0.1821i	-0.0702-0.3732i	-0.1114-0.3414i	-0.0520-0.3479i	-0.2543-0.7510i
37.9	-0.2614-0.6112i	0.5133+0.3205i	0.1843-0.3873i	0.2695-0.1953i	-0.0935-0.3620i	-0.1324-0.3290i	-0.0566-0.3446i	-0.3155-0.7164i
38.0	-0.2758-0.5580i	0.5347+0.2906i	0.1808-0.3576i	0.2575-0.2091i	-0.1196-0.3432i	-0.1558-0.3089i	-0.0675-0.3460i	-0.3805-0.6538i
38.1	-0.2795-0.5030i	0.5491+0.2690i	0.1823-0.3410i	0.2472-0.2040i	-0.1387-0.3256i	-0.1730-0.2893i	-0.0746-0.3517i	-0.4285-0.5902i
38.2	-0.2752-0.4703i	0.5580+0.2523i	0.1892-0.3293i	0.2455-0.1981i	-0.1496-0.3136i	-0.1816-0.2766i	-0.0799-0.3606i	-0.4522-0.5436i
38.3	-0.2572-0.4612i	0.5589+0.2383i	0.2035-0.3264i	0.2390-0.1927i	-0.1532-0.3052i	-0.1828-0.2681i	-0.0886-0.3760i	-0.4494-0.5012i
38.4	-0.2531-0.4352i	0.5816+0.2180i	0.2144-0.3317i	0.2347-0.1902i	-0.1628-0.2922i	-0.1914-0.2543i	-0.1097-0.3829i	-0.4590-0.4509i
38.5	-0.2721-0.4227i	0.5995+0.2082i	0.2112-0.3480i	0.2450-0.1917i	-0.1799-0.2885i	-0.2074-0.2490i	-0.1387-0.4017i	-0.4798-0.4183i
38.6	-0.2837-0.3986i	0.6207+0.1890i	0.2005-0.3608i	0.2458-0.1945i	-0.1954-0.2798i	-0.2211-0.2389i	-0.1683-0.4055i	-0.4940-0.3829i
38.7	-0.2904-0.3703i	0.6348+0.1646i	0.1886-0.3649i	0.2392-0.1969i	-0.2079-0.2668i	-0.2301-0.2254i	-0.1999-0.4013i	-0.4957-0.3464i
38.8	-0.2915-0.3409i	0.6408+0.1319i	0.1708-0.3639i	0.2438-0.1953i	-0.2172-0.2522i	-0.2370-0.2109i	-0.2288-0.3930i	-0.4901-0.3113i
38.9	-0.2937-0.3070i	0.6399+0.1060i	0.1619-0.3567i	0.2395-0.1963i	-0.2259-0.2362i	-0.2436-0.1953i	-0.2557-0.3771i	-0.4863-0.2777i
39.0	-0.2984-0.2684i	0.6503+0.0696i	0.1487-0.3489i	0.2360-0.1983i	-0.2417-0.2157i	-0.2566-0.1745i	-0.2949-0.3542i	-0.4919-0.2372i
39.1	-0.2873-0.2324i	0.6522+0.0332i	0.1448-0.3418i	0.2416-0.2073i	-0.2479-0.1924i	-0.2602-0.1527i	-0.3197-0.3199i	-0.4801-0.2008i
39.2	-0.2749-0.2007i	0.6548+0.0042i	0.1347-0.3295i	0.2378-0.2084i	-0.2525-0.1736i	-0.2635-0.1358i	-0.3417-0.2917i	-0.4672-0.1724i
39.3	-0.2660-0.1753i	0.6466-0.0174i	0.1250-0.3125i	0.2409-0.2080i	-0.2560-0.1557i	-0.2655-0.1183i	-0.3577-0.2598i	-0.4598-0.1495i
39.4	-0.2576-0.1458i	0.6396-0.0557i	0.1226-0.3105i	0.2424-0.2194i	-0.2583-0.1352i	-0.2654-0.0981i	-0.3685-0.2235i	-0.4529-0.1232i
39.5	-0.2430-0.1194i	0.6325-0.0817i	0.1221-0.3007i	0.2298-0.2238i	-0.2608-0.1168i	-0.2664-0.0806i	-0.3785-0.1926i	-0.4480-0.0967i
39.6	-0.2229-0.0994i	0.6188-0.1071i	0.1145-0.2953i	0.2221-0.2258i	-0.2570-0.0959i	-0.2601-0.0613i	-0.3747-0.1563i	-0.4331-0.0730i
39.7	-0.1947-0.0782i	0.5950-0.1246i	0.1050-0.2798i	0.2198-0.2256i	-0.2473-0.0769i	-0.2497-0.0446i	-0.3596-0.1245i	-0.4155-0.0512i
39.8	-0.1770-0.0644i	0.5844-0.1418i	0.1108-0.2650i	0.2166-0.2339i	-0.2413-0.0629i	-0.2438-0.0322i	-0.3534-0.1059i	-0.4029-0.0288i
39.9	-0.1569-0.0506i	0.5602-0.1557i	0.1214-0.2615i	0.2077-0.2397i	-0.2301-0.0501i	-0.2317-0.0205i	-0.3407-0.0852i	-0.3790-0.0122i
40.0	-0.1363-0.0360i	0.5439-0.1640i	0.1272-0.2556i	0.1999-0.2421i	-0.2229-0.0359i	-0.2235-0.0066i	-0.3334-0.0602i	-0.3626+0.0063i
40.1	-0.1192-0.0300i	0.5290-0.1762i	0.1294-0.2479i	0.1907-0.2375i	-0.2133-0.0282i	-0.2129-0.0003i	-0.3232-0.0478i	-0.3423+0.0148i
40.2	-0.0983-0.0243i	0.5120-0.1778i	0.1304-0.2395i	0.1853-0.2277i	-0.2047-0.0226i	-0.2042+0.0037i	-0.3128-0.0373i	-0.3255+0.0188i
40.3	-0.0866-0.0240i	0.5056-0.1814i	0.1424-0.2409i	0.1799-0.2230i	-0.1986-0.0203i	-0.1993+0.0047i	-0.3049-0.0286i	-0.3154+0.0131i
40.4	-0.0742-0.0159i	0.4933-0.1941i	0.1436-0.2470i	0.1731-0.2138i	-0.1912-0.0119i	-0.1911+0.0128i	-0.2957-0.0099i	-0.3006+0.0228i
40.5	-0.0667-0.0103i	0.4798-0.1913i	0.1401-0.2396i	0.1669-0.2092i	-0.1863-0.0040i	-0.1851+0.0196i	-0.2910+0.0057i	-0.2897+0.0288i
40.6	-0.0487-0.0088i	0.4721-0.1930i	0.1415-0.2367i	0.1656-0.2025i	-0.1813+0.0037i	-0.1797+0.0253i	-0.2818+0.0201i	-0.2817+0.0364i
40.7	-0.0327+0.0034i	0.4602-0.2020i	0.1392-0.2312i	0.1727-0.2009i	-0.1724+0.0128i	-0.1704+0.0328i	-0.2688+0.0365i	-0.2657+0.0431i
40.8	-0.0177+0.0048i	0.4479-0.2046i	0.1389-0.2302i	0.1714-0.1987i	-0.1662+0.0145i	-0.1639+0.0335i	-0.2569+0.0416i	-0.2574+0.0431i
40.9	-0.0003+0.0058i	0.4425-0.2120i	0.1362-0.2338i	0.1729-0.1959i	-0.1616+0.0203i	-0.1593+0.0394i	-0.2490+0.0552i	-0.2496+0.0487i
41.0	0.0094+0.0095i	0.4328-0.2264i	0.1332-0.2302i	0.1763-0.1906i	-0.1531+0.0270i	-0.1509+0.0446i	-0.2365+0.0697i	-0.2353+0.0517i
41.1	0.0157+0.0094i	0.4181-0.2224i	0.1339-0.2223i	0.1823-0.1954i	-0.1480+0.0279i	-0.1459+0.0447i	-0.2255+0.0724i	-0.2320+0.0503i
41.2	0.0366+0.0113i	0.3965-0.2278i	0.1359-0.2160i	0.1809-0.2039i	-0.1375+0.0316i	-0.1364+0.0481i	-0.2092+0.0779i	-0.2168+0.0535i
41.3	0.0525+0.0085i	0.3918-0.2250i	0.1407-0.2127i	0.1747-0.1990i	-0.1334+0.0336i	-0.1322+0.0486i	-0.2028+0.0804i	-0.2101+0.0554i
41.4	0.0517+0.0111i	0.3951-0.2273i	0.1430-0.2108i	0.1888-0.1903i	-0.1284+0.0351i	-0.1284+0.0506i	-0.1946+0.0877i	-0.2050+0.0529i
41.5	0.0608+0.0063i	0.3862-0.2318i	0.1409-0.2098i	0.1962-0.1973i	-0.1230+0.0385i	-0.1235+0.0538i	-0.1836+0.0978i	-0.2011+0.0530i
41.6	0.0766-0.0012i	0.3709-0.2238i	0.1370-0.2014i	0.1898-0.1997i	-0.1165+0.0387i	-0.1168+0.0526i	-0.1671+0.0985i	-0.1954+0.0508i
41.7	0.0864-0.0008i	0.3704-0.2289i	0.1452-0.1911i	0.1932-0.2106i	-0.1114+0.0391i	-0.1125+0.0526i	-0.1525+0.0990i	-0.1959+0.0513i
41.8	0.0882-0.0050i	0.3663-0.2168i	0.1566-0.1841i	0.1838-0.2078i	-0.1092+0.0385i	-0.1103+0.0517i	-0.1473+0.0978i	-0.1944+0.0517i
41.9	0.0930-0.0103i	0.3635-0.2165i	0.1641-0.1889i	0.1827-0.2095i	-0.1070+0.0377i	-0.1090+0.0501i	-0.1400+0.0938i	-0.1961+0.0500i
42.0	0.0992-0.0155i	0.3549-0.2219i	0.1715-0.1914i	0.1821-0.2153i	-0.1034+0.0402i	-0.1054+0.0528i	-0.1330+0.0949i	-0.1915+0.0576i
42.1	0.0978-0.0170i	0.3547-0.2181i	0.1702-0.1984i	0.1846-0.2164i	-0.1007+0.0425i	-0.1029+0.0558i	-0.1273+0.0965i	-0.1871+0.0652i
42.2	0.1043-0.0228i	0.3501-0.2166i	0.1671-0.1949i	0.1876-0.2240i	-0.0984+0.0427i	-0.1011+0.0563i	-0.1249+0.0936i	-0.1829+0.0679i
42.3	0.1099-0.0234i	0.3537-0.2231i	0.1798-0.1923i	0.1906-0.2267i	-0.0972+0.0457i	-0.1011+0.0595i	-0.1233+0.0990i	-0.1826+0.0721i
42.4	0.1171-0.0281i	0.3508-0.2318i	0.1872-0.1971i	0.1898-0.2418i	-0.0958+0.0506i	-0.0996+0.0655i	-0.1194+0.1066i	-0.1827+0.0803i
42.5	0.1181-0.0261i	0.3372-0.2300i	0.1843-0.2074i	0.1765-0.2398i	-0.0909+0.0528i	-0.0937+0.0675i	-0.1069+0.1086i	-0.1771+0.0850i
42.6	0.1189-0.0258i	0.3277-0.2306i	0.1722-0.2133i	0.1688-0.2436i	-0.0873+0.0554i	-0.0888+0.0703i	-0.0979+0.1118i	-0.1720+0.0917i
42.7	0.1261-0.0277i	0.3175-0.2321i	0.1583-0.2116i	0.1548-0.2437i	-0.0803+0.0562i	-0.0810+0.0706i	-0.0828+0.1085i	-0.1627+0.0949i
42.8	0.1191-0.0362i	0.3371-0.2061i	0.1701-0.1882i	0.1607-0.2400i	-0.0798+0.0500i	-0.0820+0.0638i	-0.0802+0.0930i	-0.1667+0.0903i
42.9	0.1194-0.0360i	0.3522-0.2155i	0.1952-0.1936i	0.1713-0.2515i	-0.0865+0.0556i	-0.0887+0.0710i	-0.0926+0.0968i	-0.1747+0.1066i
43.0	0.1235-0.0328i	0.3482-0.2290i	0.1904-0.2030i	0.1604-0.2637i	-0.0822+0.0634i	-0.0834+0.0788i	-0.0897+0.1057i	-0.1612+0.1221i
43.1	0.1285-0.0346i	0.3331-0.2381i	0.1949-0.2124i	0.1385-0.2724i	-0.0738+0.0668i	-0.0744+0.0824i	-0.0799+0.1109i	-0.1451+0.1282i
43.2	0.1332-0.0433i	0.3136-0.2374i	0.1960-0.2142i	0.1188-0.2666i	-0.0670+0.0660i	-0.0654+0.0823i	-0.0703+0.1093i	-0.1322+0.1246i
43.3	0.1344-0.0459i	0.3129-0.2299i	0.1803-0.2215i	0.1125-0.2523i	-0.0629+0.0632i	-0.0611+0.0793i	-0.0673+0.1048i	-0.1217+0.1209i
43.4	0.1272-0.0532i	0.3218-0.2128i	0.1804-0.2174i	0.1166-0.2411i	-0.0646+0.0606i	-0.0620+0.0752i	-0.0728+0.0999i	-0.1195+0.1169i

43.5	0.1177-0.0550i	0.3443-0.2194i	0.1876-0.2125i	0.1315-0.2497i	-0.0693+0.0647i	-0.0679+0.0782i	-0.0804+0.1082i	-0.1279+0.1209i
43.6	0.1256-0.0525i	0.3392-0.2536i	0.1944-0.2300i	0.1234-0.2721i	-0.0665+0.0763i	-0.0648+0.0910i	-0.0755+0.1303i	-0.1240+0.1368i
43.7	0.1293-0.0558i	0.3219-0.2667i	0.1879-0.2521i	0.1069-0.2827i	-0.0577+0.0837i	-0.0548+0.0984i	-0.0591+0.1407i	-0.1098+0.1479i
43.8	0.1283-0.0669i	0.3016-0.2664i	0.1537-0.2550i	0.0898-0.2882i	-0.0494+0.0855i	-0.0438+0.0994i	-0.0426+0.1398i	-0.0954+0.1507i
43.9	0.1220-0.0750i	0.2879-0.2560i	0.1351-0.2487i	0.0743-0.2839i	-0.0418+0.0831i	-0.0350+0.0957i	-0.0310+0.1340i	-0.0818+0.1472i
44.0	0.1192-0.0754i	0.2826-0.2458i	0.1304-0.2229i	0.0581-0.2775i	-0.0378+0.0793i	-0.0306+0.0896i	-0.0263+0.1257i	-0.0719+0.1411i
44.1	0.1095-0.0774i	0.2899-0.2342i	0.1477-0.2067i	0.0419-0.2744i	-0.0391+0.0760i	-0.0320+0.0851i	-0.0321+0.1252i	-0.0688+0.1318i
44.2	0.1024-0.0747i	0.2871-0.2404i	0.1550-0.2141i	0.0173-0.2821i	-0.0357+0.0804i	-0.0286+0.0898i	-0.0243+0.1345i	-0.0676+0.1368i
44.3	0.0934-0.0660i	0.2803-0.2364i	0.1518-0.2232i	-0.0031-0.2563i	-0.0284+0.0802i	-0.0203+0.0888i	-0.0115+0.1317i	-0.0574+0.1367i
44.4	0.0826-0.0657i	0.2806-0.2210i	0.1474-0.2316i	-0.0104-0.2167i	-0.0258+0.0771i	-0.0172+0.0841i	-0.0063+0.1282i	-0.0524+0.1283i
44.5	0.0867-0.0688i	0.2758-0.2194i	0.1303-0.2252i	-0.0022-0.2063i	-0.0229+0.0766i	-0.0142+0.0819i	0.0026+0.1257i	-0.0512+0.1260i
44.6	0.0853-0.0577i	0.2670-0.2186i	0.1175-0.2141i	-0.0003-0.1945i	-0.0179+0.0752i	-0.0088+0.0806i	0.0130+0.1171i	-0.0431+0.1304i
44.7	0.0785-0.0573i	0.2789-0.2078i	0.1130-0.1990i	0.0045-0.1871i	-0.0164+0.0733i	-0.0075+0.0772i	0.0131+0.1117i	-0.0373+0.1289i
44.8	0.0825-0.0584i	0.2773-0.2031i	0.1101-0.1935i	-0.0047-0.1779i	-0.0126+0.0720i	-0.0040+0.0743i	0.0208+0.1106i	-0.0353+0.1207i
44.9	0.0724-0.0566i	0.2945-0.1869i	0.1124-0.1706i	0.0101-0.1740i	-0.0148+0.0674i	-0.0064+0.0680i	0.0178+0.0997i	-0.0401+0.1171i
45.0	0.0657-0.0473i	0.3041-0.2042i	0.1318-0.1678i	0.0105-0.1804i	-0.0156+0.0700i	-0.0075+0.0714i	0.0132+0.1037i	-0.0390+0.1221i
45.1	0.0663-0.0418i	0.3042-0.1942i	0.1335-0.1663i	0.0013-0.1673i	-0.0131+0.0689i	-0.0055+0.0693i	0.0183+0.1024i	-0.0360+0.1163i
45.2	0.0566-0.0356i	0.3136-0.2008i	0.1342-0.1616i	0.0033-0.1722i	-0.0142+0.0709i	-0.0059+0.0711i	0.0221+0.1040i	-0.0382+0.1205i
45.3	0.0528-0.0321i	0.3178-0.2051i	0.1457-0.1558i	-0.0125-0.1774i	-0.0116+0.0721i	-0.0041+0.0724i	0.0281+0.1001i	-0.0355+0.1297i
45.4	0.0505-0.0300i	0.3101-0.1983i	0.1460-0.1543i	-0.0274-0.1647i	-0.0056+0.0717i	0.0015+0.0697i	0.0346+0.0917i	-0.0275+0.1319i
45.5	0.0497-0.0224i	0.3240-0.1981i	0.1625-0.1448i	-0.0168-0.1351i	-0.0069+0.0669i	-0.0012+0.0636i	0.0272+0.0825i	-0.0247+0.1240i
45.6	0.0337-0.0277i	0.3380-0.2189i	0.1727-0.1497i	-0.0049-0.1459i	-0.0110+0.0702i	-0.0070+0.0677i	0.0172+0.0850i	-0.0267+0.1304i
45.7	0.0378-0.0122i	0.3283-0.2177i	0.1786-0.1507i	-0.0474-0.1513i	-0.0032+0.0710i	0.0023+0.0670i	0.0239+0.0854i	-0.0064+0.1283i
45.8	0.0269-0.0239i	0.3395-0.2029i	0.2166-0.1603i	-0.0634-0.1149i	-0.0055+0.0665i	-0.0007+0.0622i	0.0147+0.0828i	-0.0096+0.1159i
45.9	0.0175-0.0265i	0.3586-0.2106i	0.2095-0.2029i	-0.0427-0.0833i	-0.0076+0.0681i	-0.0035+0.0641i	0.0155+0.0912i	-0.0153+0.1143i
46.0	0.0181-0.0164i	0.3633-0.2250i	0.1845-0.2041i	-0.0289-0.0743i	-0.0072+0.0716i	-0.0027+0.0672i	0.0230+0.0915i	-0.0161+0.1219i
46.1	0.0197+0.0043i	0.3587-0.2338i	0.1705-0.2197i	-0.0465-0.0558i	-0.0052+0.0757i	0.0008+0.0698i	0.0269+0.0899i	-0.0114+0.1306i
46.2	0.0215+0.0026i	0.3611-0.2464i	0.1546-0.2134i	-0.0208-0.0474i	0.0002+0.0755i	0.0056+0.0688i	0.0282+0.0886i	0.0019+0.1331i
46.3	0.0154+0.0050i	0.3693-0.2435i	0.1709-0.2064i	-0.0236-0.0316i	0.0028+0.0721i	0.0069+0.0633i	0.0227+0.0841i	0.0123+0.1246i
46.4	0.0103+0.0021i	0.3667-0.2355i	0.1563-0.2374i	-0.0011+0.0148i	0.0023+0.0703i	0.0038+0.0607i	0.0211+0.0874i	0.0097+0.1136i
46.5	0.0015+0.0076i	0.3712-0.2367i	0.1216-0.2143i	0.0365-0.0148i	0.0021+0.0704i	0.0027+0.0605i	0.0223+0.0888i	0.0049+0.1126i
46.6	-0.0099+0.0325i	0.3822-0.2401i	0.1257-0.1869i	0.0412-0.0283i	0.0030+0.0702i	0.0022+0.0605i	0.0231+0.0892i	0.0047+0.1108i
46.7	-0.0204+0.0388i	0.3896-0.2499i	0.1435-0.1706i	0.0405-0.0403i	0.0016+0.0705i	-0.0011+0.0621i	0.0232+0.0910i	0.0027+0.1117i
46.8	-0.0439+0.0403i	0.4022-0.2705i	0.1538-0.1821i	0.0280-0.0474i	-0.0003+0.0758i	-0.0023+0.0673i	0.0220+0.0965i	-0.0011+0.1166i
46.9	-0.0404+0.0595i	0.4022-0.2855i	0.1518-0.2111i	0.0231-0.0183i	0.0019+0.0766i	-0.0002+0.0685i	0.0236+0.0986i	0.0015+0.1199i
47.0	-0.0498+0.0816i	0.4071-0.2941i	0.1113-0.2223i	0.0523-0.0011i	0.0024+0.0783i	-0.0006+0.0702i	0.0260+0.1035i	0.0013+0.1199i
47.1	-0.0574+0.0904i	0.4205-0.3013i	0.1009-0.1800i	0.0781-0.0451i	0.0031+0.0797i	-0.0022+0.0725i	0.0314+0.1039i	-0.0047+0.1246i
47.2	-0.0665+0.1113i	0.4113-0.3111i	0.1004-0.1688i	0.0455-0.0523i	0.0058+0.0823i	0.0014+0.0750i	0.0361+0.1040i	-0.0005+0.1319i
47.3	-0.0649+0.1267i	0.4004-0.3180i	0.1119-0.1646i	0.0378-0.0439i	0.0088+0.0797i	0.0049+0.0722i	0.0393+0.0968i	0.0040+0.1294i
47.4	-0.0669+0.1503i	0.4044-0.3255i	0.1274-0.1665i	0.0384-0.0243i	0.0093+0.0779i	0.0044+0.0708i	0.0391+0.0902i	0.0080+0.1268i
47.5	-0.0640+0.1537i	0.4140-0.3173i	0.1166-0.1764i	0.0392-0.0144i	0.0072+0.0753i	0.0020+0.0684i	0.0328+0.0859i	0.0037+0.1232i
47.6	-0.0592+0.1686i	0.4238-0.3339i	0.0979-0.1817i	0.0673+0.0005i	0.0055+0.0749i	-0.0004+0.0682i	0.0289+0.0869i	0.0015+0.1236i
47.7	-0.0623+0.1877i	0.4303-0.3522i	0.0931-0.1579i	0.0925-0.0176i	0.0036+0.0771i	-0.0031+0.0715i	0.0263+0.0909i	-0.0019+0.1298i
47.8	-0.0588+0.2179i	0.4295-0.3698i	0.1098-0.1444i	0.0819-0.0436i	0.0036+0.0821i	-0.0031+0.0775i	0.0257+0.0946i	-0.0019+0.1403i
47.9	-0.0495+0.2355i	0.4152-0.3775i	0.1353-0.1493i	0.0858-0.0423i	0.0058+0.0841i	0.0001+0.0809i	0.0282+0.0937i	0.0086+0.1433i
48.0	-0.0451+0.2470i	0.4181-0.3915i	0.1177-0.1427i	0.0855-0.0249i	0.0054+0.0880i	0.0004+0.0838i	0.0276+0.1006i	0.0094+0.1505i
48.1	-0.0288+0.2647i	0.4150-0.3925i	0.1137-0.1229i	0.0790-0.0305i	0.0053+0.0871i	0.0011+0.0825i	0.0265+0.0983i	0.0083+0.1496i
48.2	-0.0262+0.2806i	0.4309-0.4060i	0.1154-0.1300i	0.0820-0.0221i	0.0044+0.0907i	-0.0004+0.0858i	0.0237+0.1019i	0.0085+0.1601i
48.3	-0.0314+0.2843i	0.4433-0.4122i	0.1073-0.1220i	0.0774-0.0205i	0.0041+0.0929i	-0.0008+0.0878i	0.0216+0.1034i	0.0088+0.1663i
48.4	-0.0326+0.3093i	0.4400-0.4173i	0.1251-0.1045i	0.0809-0.0214i	0.0012+0.0955i	-0.0020+0.0901i	0.0136+0.1054i	0.0103+0.1706i
48.5	-0.0300+0.3174i	0.4322-0.4248i	0.1343-0.1015i	0.0743-0.0208i	0.0000+0.0982i	-0.0017+0.0916i	0.0097+0.1079i	0.0117+0.1715i
48.6	-0.0243+0.3290i	0.4464-0.4534i	0.1415-0.1062i	0.0607-0.0144i	-0.0025+0.1018i	-0.0046+0.0942i	0.0056+0.1119i	0.0109+0.1747i
48.7	-0.0260+0.3430i	0.4504-0.4654i	0.1348-0.1202i	0.0731+0.0048i	-0.0031+0.1036i	-0.0063+0.0965i	0.0014+0.1143i	0.0113+0.1772i
48.8	-0.0081+0.3720i	0.4504-0.4761i	0.1212-0.0980i	0.1036+0.0051i	-0.0026+0.1100i	-0.0046+0.1015i	0.0009+0.1237i	0.0156+0.1855i
48.9	-0.0013+0.3954i	0.4526-0.4951i	0.1285-0.0717i	0.0904-0.0125i	-0.0035+0.1155i	-0.0043+0.1055i	-0.0012+0.1297i	0.0195+0.1950i
49.0	0.0061+0.4072i	0.4374-0.5196i	0.1476-0.0773i	0.0804-0.0232i	-0.0022+0.1203i	-0.0035+0.1096i	-0.0035+0.1335i	0.0248+0.1984i
49.1	0.0020+0.4263i	0.4653-0.5296i	0.1735-0.0790i	0.0752-0.0201i	-0.0053+0.1267i	-0.0058+0.1149i	-0.0111+0.1446i	0.0253+0.2078i
49.2	-0.0101+0.4534i	0.4769-0.5008i	0.1723-0.0663i	0.0597+0.0438i	-0.0098+0.1328i	-0.0111+0.1187i	-0.0234+0.1568i	0.0178+0.2219i
49.3	-0.0152+0.4722i	0.4587-0.5300i	0.1510-0.0723i	0.0716+0.0598i	-0.0107+0.1391i	-0.0125+0.1254i	-0.0301+0.1682i	0.0182+0.2261i
49.4	0.0162+0.4834i	0.4615-0.5838i	0.1684-0.0819i	0.1054+0.0430i	-0.0068+0.1452i	-0.0094+0.1314i	-0.0237+0.1786i	0.0301+0.2299i
49.5	0.0441+0.4913i	0.4762-0.6056i	0.1974-0.0891i	0.1347+0.0271i	-0.0036+0.1506i	-0.0069+0.1368i	-0.0185+0.1855i	0.0396+0.2352i
49.6	0.0284+0.5172i	0.4586-0.6378i	0.1656-0.1069i	0.1015+0.0097i	-0.0084+0.1581i	-0.0106+0.1443i	-0.0331+0.1968i	0.0307+0.2405i
49.7	-0.0203+0.5865i	0.4088-0.6241i	0.0567-0.0584i	0.0020+0.0750i	-0.0198+0.1780i	-0.0206+0.1604i	-0.0610+0.2372i	0.0008+0.2736i

49.8	0.0156+0.5954i	0.4412-0.6910i	0.1321-0.0796i	0.0902+0.0626i	-0.0108+0.1874i	-0.0143+0.1717i	-0.0415+0.2516i	0.0299+0.2849i
49.9	0.0353+0.6102i	0.4530-0.7405i	0.1639-0.0859i	0.1264+0.0432i	-0.0054+0.1966i	-0.0101+0.1808i	-0.0310+0.2627i	0.0418+0.2920i
50.0	0.0819+0.6303i	0.4335-0.7834i	0.1703-0.0988i	0.1209+0.0309i	0.0031+0.2062i	-0.0016+0.1882i	-0.0253+0.2763i	0.0544+0.3002i
50.1	0.1482+0.6693i	0.4109-0.8186i	0.1788-0.0989i	0.1546+0.0225i	0.0172+0.2192i	0.0110+0.2003i	-0.0066+0.3003i	0.0828+0.3125i
50.2	0.1543+0.7031i	0.3860-0.8399i	0.1668-0.0683i	0.1655+0.0351i	0.0211+0.2325i	0.0147+0.2137i	-0.0002+0.3260i	0.0936+0.3299i
50.3	0.1785+0.7306i	0.3750-0.8542i	0.1881-0.0634i	0.1887+0.0300i	0.0285+0.2426i	0.0204+0.2238i	0.0098+0.3433i	0.1047+0.3424i
50.4	0.2164+0.7649i	0.3595-0.8793i	0.2057-0.0605i	0.1973+0.0208i	0.0392+0.2549i	0.0290+0.2359i	0.0250+0.3635i	0.1194+0.3544i
50.5	0.2610+0.7816i	0.3310-0.8998i	0.2229-0.0533i	0.1959+0.0195i	0.0500+0.2660i	0.0395+0.2466i	0.0439+0.3866i	0.1378+0.3659i
50.6	0.2979+0.7946i	0.2964-0.9448i	0.2210-0.0580i	0.1927+0.0182i	0.0623+0.2753i	0.0522+0.2554i	0.0641+0.4045i	0.1547+0.3768i
50.7	0.3182+0.8198i	0.2751-0.9780i	0.2230-0.0587i	0.2178+0.0277i	0.0719+0.2899i	0.0604+0.2694i	0.0763+0.4277i	0.1675+0.3941i
50.8	0.3642+0.8676i	0.2347-1.0084i	0.2138-0.0388i	0.2202+0.0056i	0.0885+0.3073i	0.0766+0.2859i	0.1020+0.4562i	0.1899+0.4161i
50.9	0.4326+0.8917i	0.1606-1.0551i	0.2324-0.0240i	0.2065-0.0137i	0.1146+0.3199i	0.1012+0.2978i	0.1423+0.4751i	0.2263+0.4323i
51.0	0.5127+0.9045i	0.1175-1.0907i	0.2493-0.0351i	0.2175-0.0071i	0.1378+0.3278i	0.1226+0.3070i	0.1750+0.4918i	0.2624+0.4387i
51.1	0.6004+0.8688i	0.0156-1.0637i	0.2562-0.0546i	0.2140-0.0062i	0.1696+0.3231i	0.1532+0.3017i	0.2254+0.4873i	0.3034+0.4218i
51.2	0.6567+0.8742i	-0.0655-1.0635i	0.2668-0.0554i	0.2198-0.0182i	0.1984+0.3281i	0.1806+0.3063i	0.2714+0.4966i	0.3453+0.4262i
51.3	0.6884+0.8627i	-0.1043-1.0425i	0.2760-0.0667i	0.2373-0.0281i	0.2157+0.3246i	0.1965+0.3044i	0.2987+0.4930i	0.3700+0.4190i
51.4	0.7581+0.8457i	-0.1561-1.0364i	0.2692-0.0709i	0.2321-0.0393i	0.2427+0.3249i	0.2230+0.3040i	0.3397+0.4943i	0.4050+0.4143i
51.5	0.8150+0.8265i	-0.2050-1.0161i	0.2593-0.0689i	0.2407-0.0478i	0.2658+0.3203i	0.2466+0.3000i	0.3750+0.4901i	0.4356+0.4062i
51.6	0.8630+0.7852i	-0.2693-1.0041i	0.2723-0.0348i	0.2553-0.0749i	0.2947+0.3103i	0.2716+0.2906i	0.4220+0.4741i	0.4738+0.3921i
51.7	0.9110+0.7552i	-0.2982-1.0031i	0.2956-0.0171i	0.2380-0.0854i	0.3169+0.3065i	0.2915+0.2849i	0.4532+0.4684i	0.5072+0.3873i
51.8	0.9740+0.7030i	-0.3455-0.9546i	0.3184-0.0431i	0.2310-0.0855i	0.3421+0.2886i	0.3153+0.2671i	0.4918+0.4409i	0.5410+0.3561i
51.9	0.9745+0.6156i	-0.3501-0.8896i	0.3291-0.0598i	0.2372-0.0884i	0.3475+0.2563i	0.3183+0.2381i	0.5020+0.3915i	0.5428+0.3145i
52.0	0.9894+0.6136i	-0.3728-0.8842i	0.3259-0.0390i	0.2437-0.1138i	0.3577+0.2536i	0.3289+0.2371i	0.5139+0.3868i	0.5630+0.3121i
52.1	0.9998+0.6238i	-0.3752-0.8694i	0.3440-0.0262i	0.2407-0.1251i	0.3654+0.2522i	0.3354+0.2356i	0.5206+0.3868i	0.5771+0.3101i
52.2	1.0199+0.5602i	-0.4016-0.8075i	0.3881-0.0533i	0.2035-0.1260i	0.3794+0.2249i	0.3476+0.2109i	0.5372+0.3495i	0.5985+0.2668i
52.3	1.0488+0.4745i	-0.4349-0.7396i	0.4013-0.1056i	0.1969-0.1184i	0.3917+0.1920i	0.3592+0.1824i	0.5567+0.3096i	0.6155+0.2116i
52.4	1.0036+0.4240i	-0.4001-0.6974i	0.3853-0.1118i	0.2012-0.1221i	0.3792+0.1753i	0.3474+0.1674i	0.5403+0.2934i	0.5941+0.1847i
52.5	1.0311+0.4004i	-0.4389-0.6957i	0.4190-0.1113i	0.1624-0.1554i	0.3930+0.1655i	0.3620+0.1589i	0.5663+0.2773i	0.6105+0.1675i
52.6	1.0736+0.4073i	-0.4677-0.7114i	0.4259-0.1309i	0.1624-0.1541i	0.4101+0.1699i	0.3797+0.1650i	0.5949+0.2870i	0.6408+0.1681i
52.7	1.0676+0.3961i	-0.4528-0.7032i	0.4051-0.1530i	0.1748-0.1570i	0.4127+0.1678i	0.3837+0.1647i	0.5998+0.2895i	0.6461+0.1631i
52.8	1.1021+0.3308i	-0.5078-0.6494i	0.4602-0.1641i	0.1021-0.1667i	0.4330+0.1393i	0.4038+0.1378i	0.6328+0.2517i	0.6715+0.1143i
52.9	1.1582+0.3147i	-0.5603-0.6562i	0.4850-0.2064i	0.0760-0.1495i	0.4592+0.1329i	0.4305+0.1328i	0.6759+0.2491i	0.7072+0.0966i
53.0	1.1579+0.3133i	-0.5615-0.6567i	0.4450-0.2511i	0.0938-0.1238i	0.4651+0.1356i	0.4368+0.1369i	0.6882+0.2593i	0.7154+0.0947i
53.1	1.1780+0.2723i	-0.5871-0.6198i	0.4115-0.2866i	0.1036-0.1101i	0.4799+0.1192i	0.4512+0.1211i	0.7178+0.2381i	0.7315+0.0633i
53.2	1.2078+0.2081i	-0.6267-0.5650i	0.3858-0.2947i	0.1162-0.1109i	0.5002+0.0914i	0.4734+0.0949i	0.7608+0.1979i	0.7529+0.0205i
53.3	1.1677+0.1430i	-0.6060-0.4993i	0.3354-0.2894i	0.1133-0.1025i	0.4899+0.0629i	0.4678+0.0683i	0.7565+0.1538i	0.7306-0.0177i
53.4	1.1635+0.1377i	-0.6050-0.4752i	0.3117-0.2736i	0.1156-0.1088i	0.4977+0.0532i	0.4766+0.0577i	0.7745+0.1358i	0.7350-0.0309i
53.5	1.1672+0.1293i	-0.6116-0.4503i	0.3000-0.2635i	0.1232-0.1032i	0.5047+0.0428i	0.4835+0.0473i	0.7847+0.1169i	0.7455-0.0466i
53.6	1.1836+0.1072i	-0.6252-0.4428i	0.2768-0.2290i	0.1382-0.1350i	0.5106+0.0312i	0.4905+0.0348i	0.7996+0.1000i	0.7518-0.0654i
53.7	1.2195+0.0234i	-0.6614-0.3674i	0.3253-0.1947i	0.0694-0.1743i	0.5251-0.0110i	0.5068-0.0072i	0.8280+0.0309i	0.7659-0.1249i
53.8	1.1664-0.0190i	-0.5976-0.3187i	0.3549-0.2341i	0.0370-0.1283i	0.4988-0.0245i	0.4812-0.0213i	0.7875+0.0073i	0.7258-0.1404i
53.9	1.1765-0.0930i	-0.6360-0.2484i	0.3723-0.2747i	-0.0011-0.1127i	0.5188-0.0599i	0.5017-0.0546i	0.8228-0.0448i	0.7471-0.1956i
54.0	1.1355-0.1238i	-0.6067-0.2172i	0.3341-0.2764i	0.0204-0.0982i	0.5086-0.0724i	0.4941-0.0681i	0.8168-0.0681i	0.7305-0.2112i
54.1	1.1091-0.1621i	-0.5744-0.1943i	0.3258-0.2475i	0.0120-0.1135i	0.5027-0.0937i	0.4909-0.0909i	0.8110-0.1104i	0.7242-0.2336i
54.2	1.0681-0.1747i	-0.5412-0.1802i	0.3806-0.2591i	-0.0383-0.0909i	0.4908-0.1064i	0.4775-0.1049i	0.7802-0.1320i	0.7103-0.2552i
54.3	1.0454-0.1714i	-0.5139-0.1723i	0.3786-0.3375i	-0.0451-0.0167i	0.4802-0.1110i	0.4694-0.1077i	0.7692-0.1261i	0.6921-0.2721i
54.4	1.0500-0.2048i	-0.5209-0.1471i	0.3435-0.3749i	-0.0420+0.0126i	0.4885-0.1333i	0.4808-0.1292i	0.7934-0.1554i	0.7021-0.3093i
54.5	1.0438-0.2511i	-0.5176-0.1051i	0.3171-0.4179i	-0.0501+0.0503i	0.4907-0.1629i	0.4870-0.1595i	0.8096-0.2004i	0.6960-0.3559i
54.6	1.0147-0.2712i	-0.4940-0.0927i	0.2574-0.4002i	-0.0308+0.0464i	0.4792-0.1705i	0.4782-0.1705i	0.8020-0.2212i	0.6712-0.3657i
54.7	0.9452-0.2851i	-0.4320-0.0785i	0.2569-0.3610i	-0.0347+0.0569i	0.4479-0.1782i	0.4461-0.1830i	0.7546-0.2474i	0.6200-0.3683i
54.8	0.9140-0.2917i	-0.4066-0.0655i	0.2816-0.4232i	-0.0448+0.1518i	0.4369-0.1873i	0.4338-0.1952i	0.7379-0.2648i	0.6038-0.3849i
54.9	0.8804-0.2775i	-0.3710-0.0720i	0.2199-0.4645i	0.0082+0.1981i	0.4252-0.1823i	0.4236-0.1908i	0.7268-0.2577i	0.5853-0.3764i
55.0	0.8925-0.2719i	-0.3786-0.0968i	0.1517-0.4347i	0.0659+0.1855i	0.4377-0.1807i	0.4369-0.1930i	0.7537-0.2635i	0.6018-0.3747i
55.1	0.8747-0.2697i	-0.3667-0.0948i	0.1063-0.3819i	0.1193+0.1731i	0.4312-0.1885i	0.4292-0.2050i	0.7473-0.2877i	0.5909-0.3796i
55.2	0.8267-0.2575i	-0.3067-0.0937i	0.0888-0.3465i	0.1683+0.1657i	0.4101-0.1862i	0.4056-0.2043i	0.7108-0.2943i	0.5600-0.3670i
55.3	0.8173-0.2563i	-0.2994-0.0957i	0.0692-0.3152i	0.1897+0.1342i	0.4143-0.1896i	0.4074-0.2093i	0.7118-0.3081i	0.5653-0.3702i
55.4	0.8039-0.2642i	-0.3074-0.0831i	0.0754-0.2887i	0.1756+0.1171i	0.4191-0.2042i	0.4106-0.2252i	0.7136-0.3350i	0.5762-0.3924i
55.5	0.8175-0.2477i	-0.3143-0.1138i	0.0843-0.3060i	0.1733+0.1380i	0.4348-0.2025i	0.4239-0.2223i	0.7368-0.3254i	0.6046-0.4014i
55.6	0.8048-0.2395i	-0.2919-0.1116i	0.0461-0.3068i	0.2172+0.1230i	0.4283-0.2080i	0.4193-0.2262i	0.7342-0.3342i	0.5922-0.4098i
55.7	0.8059-0.2545i	-0.2850-0.0909i	0.0272-0.2550i	0.2407+0.0972i	0.4299-0.2255i	0.4206-0.2468i	0.7392-0.3702i	0.5866-0.4360i
55.8	0.7865-0.2657i	-0.2757-0.0940i	0.0211-0.2193i	0.2481+0.0781i	0.4281-0.2352i	0.4171-0.2585i	0.7363-0.3941i	0.5806-0.4517i
55.9	0.7725-0.2596i	-0.2600-0.0954i	0.0505-0.1748i	0.2276+0.0564i	0.4219-0.2432i	0.4102-0.2687i	0.7263-0.4147i	0.5711-0.4640i
56.0	0.7838-0.2543i	-0.2666-0.0945i	0.0921-0.1650i	0.1971+0.0468i	0.4329-0.2542i	0.4208-0.2785i	0.7405-0.4340i	0.5845-0.4793i

56.1	0.7831-0.2595i	-0.2732-0.0940i	0.0898-0.2066i	0.2069+0.0764i	0.4409-0.2726i	0.4279-0.2969i	0.7491-0.4669i	0.5959-0.5034i
56.2	0.7588-0.2609i	-0.2540-0.0929i	0.0566-0.1652i	0.2333+0.0737i	0.4274-0.2817i	0.4134-0.3100i	0.7282-0.4891i	0.5773-0.5186i
56.3	0.7507-0.2497i	-0.2558-0.1065i	0.0578-0.1448i	0.2277+0.0574i	0.4304-0.2867i	0.4155-0.3176i	0.7318-0.5020i	0.5784-0.5300i
56.4	0.7644-0.2580i	-0.2515-0.0958i	0.0853-0.1008i	0.2353+0.0304i	0.4217-0.3075i	0.4055-0.3403i	0.7147-0.5431i	0.5631-0.5592i
56.5	0.7694-0.2739i	-0.2693-0.0937i	0.0917-0.0706i	0.2288+0.0263i	0.4364-0.3363i	0.4201-0.3711i	0.7352-0.5946i	0.5822-0.6087i
56.6	0.7506-0.2672i	-0.2422-0.1088i	0.1193-0.0645i	0.2312+0.0153i	0.4253-0.3364i	0.4061-0.3717i	0.7132-0.5963i	0.5630-0.6093i
56.7	0.7430-0.2561i	-0.2121-0.1077i	0.1572-0.0531i	0.2246+0.0124i	0.4061-0.3430i	0.3828-0.3794i	0.6748-0.6102i	0.5360-0.6146i
56.8	0.7297-0.2709i	-0.2127-0.1018i	0.1659-0.0390i	0.2154+0.0129i	0.3943-0.3623i	0.3703-0.4011i	0.6533-0.6455i	0.5160-0.6461i
56.9	0.7351-0.2882i	-0.2481-0.0869i	0.1767-0.0276i	0.2062+0.0099i	0.3990-0.3987i	0.3707-0.4379i	0.6550-0.7075i	0.5127-0.7043i
57.0	0.7145-0.3020i	-0.2206-0.0520i	0.2383-0.0194i	0.1818+0.0084i	0.3666-0.4222i	0.3336-0.4600i	0.5940-0.7473i	0.4613-0.7344i
57.1	0.7147-0.3060i	-0.2186-0.0502i	0.2896-0.0469i	0.1594+0.0449i	0.3597-0.4533i	0.3223-0.4922i	0.5743-0.8019i	0.4460-0.7822i
57.2	0.7181-0.3058i	-0.2332-0.0850i	0.2467-0.1130i	0.1972+0.0741i	0.3647-0.4586i	0.3263-0.4962i	0.5769-0.8076i	0.4568-0.7922i
57.3	0.7001-0.3088i	-0.2230-0.0570i	0.2371-0.0786i	0.2117+0.0555i	0.3364-0.4713i	0.2962-0.5069i	0.5266-0.8242i	0.4117-0.8097i
57.4	0.6959-0.3101i	-0.2109-0.0647i	0.2561-0.0675i	0.2135+0.0564i	0.3187-0.4839i	0.2770-0.5190i	0.4968-0.8411i	0.3792-0.8307i
57.5	0.6952-0.3182i	-0.2101-0.0853i	0.2787-0.0786i	0.2071+0.0532i	0.3129-0.4883i	0.2698-0.5255i	0.4854-0.8494i	0.3693-0.8428i
57.6	0.6908-0.3157i	-0.1936-0.0887i	0.3069-0.0996i	0.2078+0.0576i	0.2896-0.4972i	0.2432-0.5326i	0.4417-0.8617i	0.3292-0.8524i
57.7	0.6760-0.3091i	-0.1899-0.0824i	0.3220-0.1165i	0.2055+0.0696i	0.2709-0.5051i	0.2217-0.5377i	0.4109-0.8728i	0.2987-0.8581i
57.8	0.6549-0.3077i	-0.1731-0.0657i	0.3442-0.1081i	0.1982+0.0736i	0.2352-0.5179i	0.1839-0.5484i	0.3499-0.8899i	0.2341-0.8721i
57.9	0.6668-0.3077i	-0.2025-0.1062i	0.3353-0.1286i	0.2098+0.0821i	0.2400-0.5310i	0.1873-0.5621i	0.3537-0.9067i	0.2355-0.8996i
58.0	0.6463-0.3217i	-0.1939-0.0994i	0.3304-0.1416i	0.2142+0.0751i	0.2078-0.5289i	0.1535-0.5580i	0.2986-0.9017i	0.1826-0.8911i
58.1	0.6226-0.3254i	-0.1850-0.0836i	0.3413-0.1515i	0.2146+0.0808i	0.1711-0.5250i	0.1136-0.5530i	0.2388-0.8960i	0.1196-0.8803i
58.2	0.6210-0.3106i	-0.1802-0.0802i	0.3695-0.1687i	0.2127+0.0852i	0.1570-0.5208i	0.0995-0.5459i	0.2145-0.8924i	0.0997-0.8663i
58.3	0.6186-0.3107i	-0.1972-0.1080i	0.3574-0.2007i	0.2238+0.0929i	0.1510-0.5245i	0.0921-0.5464i	0.1979-0.8967i	0.0939-0.8680i
58.4	0.6107-0.3265i	-0.2052-0.1170i	0.3569-0.2253i	0.2267+0.0988i	0.1374-0.5291i	0.0771-0.5483i	0.1721-0.8995i	0.0745-0.8724i
58.5	0.5996-0.3331i	-0.2021-0.1196i	0.3520-0.2701i	0.2262+0.1080i	0.1149-0.5325i	0.0527-0.5497i	0.1310-0.9007i	0.0409-0.8754i
58.6	0.6037-0.3311i	-0.2208-0.1069i	0.3346-0.2733i	0.2343+0.1289i	0.0999-0.5459i	0.0363-0.5622i	0.1035-0.9177i	0.0125-0.8982i
58.7	0.5818-0.3194i	-0.2092-0.0855i	0.3377-0.2445i	0.2384+0.1123i	0.0645-0.5348i	0.0012-0.5480i	0.0445-0.8949i	-0.0448-0.8692i
58.8	0.5681-0.3091i	-0.2059-0.0873i	0.3285-0.2589i	0.2486+0.1078i	0.0527-0.5088i	-0.0112-0.5197i	0.0237-0.8487i	-0.0628-0.8279i
58.9	0.5597-0.3113i	-0.2212-0.0755i	0.3162-0.2695i	0.2625+0.1170i	0.0363-0.5052i	-0.0270-0.5109i	-0.0025-0.8358i	-0.0881-0.8200i
59.0	0.5494-0.3128i	-0.2308-0.0674i	0.3081-0.2842i	0.2673+0.1152i	0.0175-0.5069i	-0.0466-0.5100i	-0.0346-0.8296i	-0.1179-0.8202i
59.1	0.5329-0.3000i	-0.2298-0.0459i	0.2837-0.2852i	0.2668+0.1086i	0.0020-0.4919i	-0.0601-0.4945i	-0.0563-0.8034i	-0.1391-0.7963i
59.2	0.5122-0.2913i	-0.2255-0.0336i	0.2654-0.3111i	0.2726+0.1162i	-0.0205-0.4748i	-0.0826-0.4750i	-0.0911-0.7704i	-0.1744-0.7648i
59.3	0.5179-0.2782i	-0.2157-0.0340i	0.2555-0.3162i	0.2762+0.1376i	-0.0299-0.4611i	-0.0904-0.4599i	-0.1059-0.7427i	-0.1911-0.7443i
59.4	0.5077-0.2566i	-0.2112-0.0243i	0.2467-0.2934i	0.2795+0.1498i	-0.0334-0.4544i	-0.0927-0.4531i	-0.1063-0.7294i	-0.1948-0.7349i
59.5	0.5071-0.2446i	-0.2177-0.0173i	0.2362-0.3062i	0.2898+0.1559i	-0.0430-0.4480i	-0.1024-0.4461i	-0.1184-0.7162i	-0.2120-0.7249i
59.6	0.5064-0.2521i	-0.2073-0.0021i	0.2220-0.3094i	0.3196+0.1592i	-0.0616-0.4350i	-0.1206-0.4301i	-0.1459-0.6925i	-0.2427-0.7006i
59.7	0.4990-0.2334i	-0.1885+0.0173i	0.2014-0.3018i	0.3441+0.1611i	-0.0737-0.4203i	-0.1311-0.4143i	-0.1621-0.6677i	-0.2625-0.6747i
59.8	0.5159-0.2102i	-0.1935+0.0563i	0.1969-0.2960i	0.3685+0.1729i	-0.0786-0.4234i	-0.1368-0.4169i	-0.1684-0.6707i	-0.2774-0.6749i
59.9	0.4195-0.2350i	-0.3067+0.0084i	0.1322-0.2423i	0.3655+0.2122i	-0.0818-0.4086i	-0.1394-0.4014i	-0.1704-0.6487i	-0.2886-0.6547i
60.0	0.4325-0.2672i	-0.2799-0.0517i	0.1066-0.2509i	0.3594+0.1997i	-0.0842-0.3961i	-0.1405-0.3877i	-0.1673-0.6290i	-0.2912-0.6364i
60.1	0.4976-0.2024i	-0.1822+0.0383i	0.1543-0.2688i	0.4036+0.1617i	-0.0922-0.3850i	-0.1481-0.3762i	-0.1766-0.6075i	-0.3004-0.6110i
60.2	0.5260-0.1975i	-0.1350+0.0461i	0.1552-0.2714i	0.4300+0.1478i	-0.1031-0.3668i	-0.1597-0.3574i	-0.1944-0.5759i	-0.3195-0.5757i
60.3	0.5398-0.1833i	-0.1254+0.0373i	0.1552-0.2681i	0.4376+0.1452i	-0.1000-0.3643i	-0.1544-0.3533i	-0.1853-0.5736i	-0.3163-0.5737i
60.4	0.5490-0.1890i	-0.1076+0.0474i	0.1405-0.2560i	0.4563+0.1187i	-0.1136-0.3466i	-0.1670-0.3339i	-0.2031-0.5462i	-0.3377-0.5384i
60.5	0.5662-0.1898i	-0.1050+0.0540i	0.1241-0.2577i	0.4805+0.1155i	-0.1139-0.3452i	-0.1679-0.3325i	-0.2004-0.5453i	-0.3410-0.5324i
60.6	0.5668-0.1870i	-0.1029+0.0454i	0.1334-0.2608i	0.4856+0.1234i	-0.1066-0.3388i	-0.1591-0.3275i	-0.1872-0.5399i	-0.3287-0.5200i
60.7	0.5705-0.1835i	-0.0957+0.0476i	0.1306-0.2446i	0.4923+0.1045i	-0.1123-0.3280i	-0.1637-0.3177i	-0.1956-0.5288i	-0.3370-0.4964i
60.8	0.5800-0.1833i	-0.0971+0.0348i	0.1231-0.2429i	0.4981+0.0906i	-0.1103-0.3220i	-0.1642-0.3104i	-0.1948-0.5215i	-0.3326-0.4842i
60.9	0.5741-0.1773i	-0.0686+0.0382i	0.1276-0.2257i	0.5102+0.0736i	-0.1038-0.3091i	-0.1561-0.2963i	-0.1843-0.4985i	-0.3076-0.4603i
61.0	0.5622-0.1787i	-0.0653+0.0476i	0.1258-0.2134i	0.5143+0.0531i	-0.1069-0.3016i	-0.1570-0.2886i	-0.1888-0.4848i	-0.3078-0.4479i
61.1	0.5603-0.1765i	-0.0401+0.0418i	0.1256-0.2137i	0.5288+0.0362i	-0.1102-0.2893i	-0.1601-0.2773i	-0.1950-0.4655i	-0.3129-0.4289i
61.2	0.5530-0.1848i	-0.0161+0.0371i	0.1169-0.1972i	0.5384+0.0179i	-0.1083-0.2728i	-0.1581-0.2594i	-0.1896-0.4400i	-0.3053-0.4016i
61.3	0.5539-0.1739i	-0.0046+0.0197i	0.1255-0.1797i	0.5325+0.0054i	-0.0965-0.2621i	-0.1457-0.2487i	-0.1686-0.4251i	-0.2851-0.3849i
61.4	0.5632-0.1737i	0.0050+0.0162i	0.1186-0.1632i	0.5364-0.0026i	-0.0969-0.2581i	-0.1450-0.2447i	-0.1664-0.4170i	-0.2893-0.3752i
61.5	0.5728-0.1709i	0.0120+0.0154i	0.1269-0.1533i	0.5418-0.0157i	-0.0945-0.2603i	-0.1418-0.2472i	-0.1611-0.4211i	-0.2855-0.3792i
61.6	0.5824-0.1604i	0.0124-0.0062i	0.1391-0.1706i	0.5420-0.0279i	-0.0814-0.2634i	-0.1281-0.2493i	-0.1402-0.4260i	-0.2617-0.3912i
61.7	0.5783-0.1625i	0.0122-0.0114i	0.1332-0.1615i	0.5635-0.0470i	-0.0803-0.2548i	-0.1288-0.2402i	-0.1387-0.4122i	-0.2617-0.3762i
61.8	0.5660-0.1557i	0.0197-0.0191i	0.1146-0.1655i	0.5580-0.0547i	-0.0798-0.2484i	-0.1280-0.2325i	-0.1375-0.4011i	-0.2610-0.3634i
61.9	0.5709-0.1482i	0.0317-0.0310i	0.1055-0.1450i	0.5580-0.0726i	-0.0748-0.2514i	-0.1221-0.2352i	-0.1284-0.4078i	-0.2530-0.3631i
62.0	0.5815-0.1540i	0.0119-0.0328i	0.1108-0.1242i	0.5520-0.0939i	-0.0693-0.2588i	-0.1161-0.2444i	-0.1169-0.4257i	-0.2453-0.3729i
62.1	0.5667-0.1538i	0.0180-0.0525i	0.1179-0.1229i	0.5410-0.1103i	-0.0632-0.2478i	-0.1089-0.2334i	-0.1060-0.4108i	-0.2354-0.3578i
62.2	0.5678-0.1462i	0.0006-0.0655i	0.1293-0.1330i	0.5308-0.1223i	-0.0589-0.2536i	-0.1053-0.2378i	-0.1006-0.4147i	-0.2301-0.3693i
62.3	0.5782-0.1383i	-0.0225-0.0701i	0.1240-0.1159i	0.5319-0.1296i	-0.0601-0.2635i	-0.1070-0.2471i	-0.1029-0.4313i	-0.2343-0.3814i

62.4	0.5790-0.1316i	0.0022-0.0788i	0.1440-0.0855i	0.5181-0.1417i	-0.0601-0.2623i	-0.1066-0.2447i	-0.1037-0.4360i	-0.2281-0.3754i
62.5	0.5727-0.1267i	-0.0089-0.0632i	0.1350-0.0552i	0.4979-0.1558i	-0.0710-0.2645i	-0.1161-0.2459i	-0.1212-0.4411i	-0.2467-0.3734i
62.6	0.5837-0.1109i	-0.0192-0.0620i	0.1477-0.0534i	0.4895-0.1571i	-0.0757-0.2766i	-0.1220-0.2582i	-0.1305-0.4584i	-0.2588-0.3953i
62.7	0.5866-0.0997i	-0.0279-0.0728i	0.1501-0.0269i	0.4835-0.1646i	-0.0721-0.2806i	-0.1168-0.2641i	-0.1270-0.4691i	-0.2493-0.4050i
62.8	0.5953-0.0954i	-0.0301-0.0687i	0.1688-0.0158i	0.4712-0.1803i	-0.0776-0.2812i	-0.1225-0.2643i	-0.1378-0.4726i	-0.2615-0.4074i
62.9	0.6089-0.0854i	-0.0317-0.0559i	0.1884+0.0081i	0.4545-0.1817i	-0.0850-0.2806i	-0.1295-0.2635i	-0.1490-0.4713i	-0.2707-0.4035i
63.0	0.6131-0.0823i	-0.0240-0.0468i	0.2219+0.0280i	0.4327-0.1842i	-0.0925-0.2764i	-0.1366-0.2604i	-0.1639-0.4647i	-0.2779-0.3934i
63.1	0.6189-0.0704i	-0.0297-0.0581i	0.2307+0.0131i	0.4276-0.1719i	-0.0966-0.2805i	-0.1410-0.2656i	-0.1707-0.4722i	-0.2857-0.4006i
63.2	0.6273-0.0496i	-0.0377-0.0528i	0.2478+0.0152i	0.4230-0.1691i	-0.1044-0.2785i	-0.1482-0.2637i	-0.1822-0.4714i	-0.2988-0.3975i
63.3	0.6323-0.0540i	-0.0223-0.0414i	0.2606+0.0130i	0.4359-0.1635i	-0.1086-0.2734i	-0.1521-0.2571i	-0.1878-0.4619i	-0.3046-0.3848i
63.4	0.6567-0.0494i	-0.0202-0.0399i	0.2929+0.0104i	0.4244-0.1671i	-0.1159-0.2744i	-0.1600-0.2576i	-0.2019-0.4612i	-0.3191-0.3839i
63.5	0.6698-0.0512i	-0.0157-0.0455i	0.3018+0.0076i	0.4236-0.1632i	-0.1253-0.2712i	-0.1702-0.2541i	-0.2183-0.4574i	-0.3344-0.3758i
63.6	0.6860-0.0538i	-0.0267-0.0316i	0.2978+0.0177i	0.4303-0.1527i	-0.1358-0.2637i	-0.1796-0.2475i	-0.2341-0.4477i	-0.3498-0.3627i
63.7	0.7106-0.0686i	-0.0220-0.0380i	0.3261+0.0044i	0.4219-0.1465i	-0.1313-0.2604i	-0.1767-0.2442i	-0.2283-0.4378i	-0.3421-0.3615i
63.8	0.7193-0.0731i	-0.0128-0.0342i	0.3529-0.0016i	0.4217-0.1391i	-0.1334-0.2520i	-0.1792-0.2359i	-0.2328-0.4247i	-0.3446-0.3482i
63.9	0.7460-0.0641i	-0.0162-0.0177i	0.3503-0.0051i	0.4354-0.1187i	-0.1394-0.2545i	-0.1853-0.2364i	-0.2384-0.4267i	-0.3605-0.3521i
64.0	0.7454-0.0559i	0.0041-0.0201i	0.3689+0.0059i	0.4368-0.1281i	-0.1428-0.2467i	-0.1880-0.2284i	-0.2425-0.4137i	-0.3627-0.3366i
64.1	0.7620-0.0743i	0.0129-0.0015i	0.3693-0.0062i	0.4476-0.1291i	-0.1551-0.2325i	-0.1991-0.2168i	-0.2622-0.3963i	-0.3817-0.3106i
64.2	0.7689-0.0869i	0.0251-0.0088i	0.3839-0.0298i	0.4552-0.1224i	-0.1543-0.2251i	-0.1975-0.2090i	-0.2612-0.3851i	-0.3811-0.2935i
64.3	0.7982-0.0970i	0.0252-0.0129i	0.3908-0.0310i	0.4561-0.1285i	-0.1582-0.2243i	-0.2013-0.2061i	-0.2641-0.3846i	-0.3888-0.2878i
64.4	0.8021-0.1010i	0.0256-0.0117i	0.3920-0.0286i	0.4680-0.1345i	-0.1564-0.2230i	-0.2010-0.2055i	-0.2610-0.3851i	-0.3901-0.2837i
64.5	0.8063-0.1096i	0.0463-0.0101i	0.3995-0.0454i	0.4628-0.1341i	-0.1552-0.2158i	-0.2011-0.1989i	-0.2634-0.3739i	-0.3866-0.2690i
64.6	0.8252-0.1146i	0.0672-0.0208i	0.4224-0.0651i	0.4756-0.1347i	-0.1554-0.2091i	-0.2009-0.1893i	-0.2619-0.3620i	-0.3819-0.2546i
64.7	0.8394-0.1278i	0.0728-0.0152i	0.4189-0.0636i	0.4957-0.1316i	-0.1614-0.2022i	-0.2065-0.1843i	-0.2689-0.3581i	-0.3899-0.2400i
64.8	0.8461-0.1322i	0.0706-0.0151i	0.4284-0.0524i	0.5050-0.1501i	-0.1621-0.1984i	-0.2087-0.1811i	-0.2738-0.3541i	-0.3917-0.2337i
64.9	0.8595-0.1436i	0.0824-0.0243i	0.4485-0.0459i	0.5131-0.1794i	-0.1564-0.1938i	-0.2048-0.1745i	-0.2672-0.3455i	-0.3816-0.2235i
65.0	0.8702-0.1568i	0.1014-0.0389i	0.4511-0.0572i	0.5239-0.1858i	-0.1518-0.1916i	-0.2007-0.1717i	-0.2612-0.3422i	-0.3744-0.2164i
65.1	0.8782-0.1586i	0.0943-0.0358i	0.4446-0.0533i	0.5343-0.1813i	-0.1568-0.1884i	-0.2037-0.1689i	-0.2679-0.3396i	-0.3777-0.2120i
65.2	0.8824-0.1673i	0.0816-0.0312i	0.4385-0.0409i	0.5348-0.1983i	-0.1582-0.1831i	-0.2042-0.1660i	-0.2721-0.3331i	-0.3824-0.2012i
65.3	0.8836-0.1815i	0.1011-0.0511i	0.4555-0.0497i	0.5330-0.2202i	-0.1514-0.1744i	-0.2003-0.1555i	-0.2670-0.3202i	-0.3697-0.1860i
65.4	0.8921-0.1928i	0.1222-0.0637i	0.4717-0.0549i	0.5281-0.2263i	-0.1506-0.1692i	-0.2002-0.1483i	-0.2687-0.3108i	-0.3624-0.1798i
65.5	0.8956-0.1937i	0.1222-0.0698i	0.4741-0.0538i	0.5327-0.2362i	-0.1538-0.1660i	-0.2026-0.1459i	-0.2718-0.3061i	-0.3649-0.1755i
65.6	0.9026-0.1988i	0.1303-0.0699i	0.4956-0.0435i	0.5375-0.2512i	-0.1510-0.1627i	-0.2016-0.1427i	-0.2666-0.3001i	-0.3635-0.1680i
65.7	0.9123-0.2127i	0.1260-0.0701i	0.4875-0.0622i	0.5343-0.2544i	-0.1507-0.1595i	-0.1998-0.1386i	-0.2663-0.2947i	-0.3621-0.1611i
65.8	0.9149-0.2098i	0.1267-0.0955i	0.4883-0.0762i	0.5268-0.2718i	-0.1481-0.1608i	-0.1979-0.1387i	-0.2612-0.2970i	-0.3598-0.1608i
65.9	0.9217-0.2011i	0.1278-0.0954i	0.5019-0.0763i	0.5275-0.2723i	-0.1453-0.1592i	-0.1943-0.1371i	-0.2551-0.2965i	-0.3525-0.1611i
66.0	0.9325-0.2178i	0.1329-0.0937i	0.5275-0.0708i	0.5285-0.2799i	-0.1391-0.1542i	-0.1883-0.1322i	-0.2471-0.2925i	-0.3410-0.1532i
66.1	0.9318-0.2419i	0.1326-0.1022i	0.5358-0.0735i	0.5205-0.2926i	-0.1393-0.1546i	-0.1896-0.1292i	-0.2494-0.2898i	-0.3446-0.1480i
66.2	0.9436-0.2378i	0.1367-0.1031i	0.5310-0.0581i	0.5342-0.3043i	-0.1447-0.1545i	-0.1935-0.1287i	-0.2554-0.2896i	-0.3546-0.1446i
66.3	0.9612-0.2478i	0.1634-0.1007i	0.5600-0.0625i	0.5323-0.3136i	-0.1357-0.1431i	-0.1855-0.1187i	-0.2423-0.2742i	-0.3380-0.1300i
66.4	0.9625-0.2738i	0.1565-0.1025i	0.5859-0.0832i	0.5111-0.3269i	-0.1372-0.1436i	-0.1875-0.1166i	-0.2480-0.2752i	-0.3369-0.1228i
66.5	0.9572-0.2769i	0.1654-0.1175i	0.5950-0.1008i	0.5018-0.3308i	-0.1376-0.1466i	-0.1897-0.1187i	-0.2504-0.2793i	-0.3415-0.1236i
66.6	0.9642-0.2836i	0.1843-0.1352i	0.6298-0.0834i	0.4971-0.3637i	-0.1334-0.1443i	-0.1849-0.1135i	-0.2449-0.2796i	-0.3362-0.1158i
66.7	0.9702-0.2883i	0.1745-0.1250i	0.6316-0.0926i	0.5087-0.3583i	-0.1354-0.1388i	-0.1858-0.1099i	-0.2481-0.2757i	-0.3387-0.1060i
66.8	0.9868-0.2972i	0.1539-0.1319i	0.6348-0.1397i	0.5011-0.3265i	-0.1397-0.1436i	-0.1920-0.1139i	-0.2584-0.2835i	-0.3441-0.1074i
66.9	0.9974-0.3134i	0.1727-0.1605i	0.6657-0.1393i	0.4872-0.3648i	-0.1324-0.1424i	-0.1859-0.1105i	-0.2523-0.2821i	-0.3300-0.0989i
67.0	1.0130-0.3049i	0.1882-0.1632i	0.7003-0.1302i	0.4897-0.3841i	-0.1283-0.1411i	-0.1820-0.1097i	-0.2471-0.2846i	-0.3253-0.0998i
67.1	1.0120-0.3251i	0.2037-0.1948i	0.7279-0.1479i	0.4707-0.3910i	-0.1222-0.1428i	-0.1757-0.1101i	-0.2417-0.2877i	-0.3078-0.1001i
67.2	1.0184-0.3364i	0.2045-0.2023i	0.7571-0.1659i	0.4603-0.4021i	-0.1196-0.1449i	-0.1731-0.1122i	-0.2423-0.2911i	-0.2973-0.1046i
67.3	1.0441-0.3539i	0.2036-0.1891i	0.7597-0.1837i	0.4694-0.4078i	-0.1259-0.1415i	-0.1800-0.1077i	-0.2524-0.2866i	-0.3099-0.0948i
67.4	1.0390-0.3656i	0.2109-0.2029i	0.7676-0.1950i	0.4645-0.4002i	-0.1209-0.1364i	-0.1755-0.1016i	-0.2448-0.2754i	-0.3018-0.0898i
67.5	1.0396-0.3704i	0.1972-0.2128i	0.7706-0.2253i	0.4393-0.3925i	-0.1259-0.1391i	-0.1783-0.1028i	-0.2526-0.2815i	-0.3068-0.0889i
67.6	1.0579-0.3813i	0.2175-0.2240i	0.8092-0.2248i	0.4365-0.4082i	-0.1273-0.1429i	-0.1784-0.1057i	-0.2563-0.2928i	-0.3082-0.0834i
67.7	1.0624-0.3907i	0.2290-0.2584i	0.8494-0.2608i	0.4241-0.4207i	-0.1246-0.1476i	-0.1749-0.1093i	-0.2567-0.2980i	-0.2988-0.0918i
67.8	1.0855-0.4145i	0.2180-0.2627i	0.8509-0.2799i	0.4244-0.4161i	-0.1269-0.1488i	-0.1794-0.1090i	-0.2653-0.2990i	-0.2977-0.0850i
67.9	1.0929-0.4339i	0.2256-0.2816i	0.8769-0.3149i	0.4077-0.4250i	-0.1272-0.1532i	-0.1803-0.1098i	-0.2718-0.3091i	-0.2884-0.0829i
68.0	1.0941-0.4359i	0.2376-0.2954i	0.8541-0.3119i	0.4284-0.4179i	-0.1238-0.1471i	-0.1781-0.1050i	-0.2685-0.3018i	-0.2877-0.0734i
68.1	1.1310-0.4395i	0.2249-0.3040i	0.8623-0.3295i	0.4279-0.4332i	-0.1270-0.1499i	-0.1808-0.1067i	-0.2789-0.3071i	-0.2936-0.0728i
68.2	1.1012-0.4480i	0.2267-0.3013i	0.8329-0.3520i	0.4245-0.4449i	-0.1248-0.1435i	-0.1778-0.1022i	-0.2784-0.2968i	-0.2862-0.0699i
68.3	1.1227-0.4896i	0.2358-0.3309i	0.8860-0.3831i	0.4045-0.4378i	-0.1244-0.1455i	-0.1775-0.0992i	-0.2880-0.2976i	-0.2726-0.0658i
68.4	1.1425-0.5145i	0.2331-0.3711i	0.9244-0.4458i	0.3892-0.4242i	-0.1288-0.1501i	-0.1807-0.1006i	-0.3021-0.3005i	-0.2698-0.0715i
68.5	1.1388-0.5338i	0.2258-0.3864i	0.9407-0.4549i	0.3779-0.4726i	-0.1284-0.1499i	-0.1812-0.0989i	-0.3052-0.3050i	-0.2681-0.0675i
68.6	1.1226-0.5592i	0.2219-0.3907i	0.9113-0.4516i	0.3897-0.5108i	-0.1241-0.1446i	-0.1774-0.0929i	-0.3000-0.2974i	-0.2551-0.0547i

68.7	1.1862-0.5768i	0.1982-0.4238i	0.9542-0.5282i	0.3725-0.4832i	-0.1390-0.1576i	-0.1903-0.1054i	-0.3384-0.3176i	-0.2700-0.0698i
68.8	1.1954-0.6097i	0.1548-0.4639i	0.9319-0.6039i	0.3401-0.4533i	-0.1512-0.1621i	-0.1975-0.1092i	-0.3638-0.3129i	-0.2796-0.0832i
68.9	1.1744-0.6167i	0.1757-0.4902i	0.9592-0.6130i	0.3169-0.4710i	-0.1426-0.1576i	-0.1898-0.1028i	-0.3578-0.3044i	-0.2578-0.0790i
69.0	1.1887-0.6484i	0.1640-0.4810i	0.9789-0.6329i	0.3120-0.4802i	-0.1554-0.1539i	-0.1995-0.0994i	-0.3854-0.3001i	-0.2681-0.0697i
69.1	1.2159-0.6975i	0.1367-0.4909i	0.9970-0.6645i	0.3158-0.4981i	-0.1644-0.1525i	-0.2108-0.0958i	-0.4105-0.2932i	-0.2746-0.0637i
69.2	1.2060-0.7379i	0.1178-0.5074i	0.9869-0.6860i	0.2875-0.5114i	-0.1637-0.1492i	-0.2122-0.0898i	-0.4180-0.2793i	-0.2657-0.0591i
69.3	1.2547-0.7908i	0.0979-0.5123i	0.9997-0.7439i	0.2908-0.4964i	-0.1764-0.1409i	-0.2222-0.0807i	-0.4487-0.2583i	-0.2711-0.0489i
69.4	1.2655-0.8198i	0.0956-0.5091i	1.0140-0.7805i	0.2894-0.4851i	-0.1840-0.1375i	-0.2273-0.0777i	-0.4667-0.2474i	-0.2727-0.0441i
69.5	1.2213-0.8291i	0.0979-0.5373i	1.0053-0.8408i	0.2760-0.4747i	-0.1773-0.1369i	-0.2208-0.0755i	-0.4620-0.2292i	-0.2511-0.0576i
69.6	1.2015-0.8163i	0.0500-0.5368i	0.9349-0.8734i	0.2711-0.4339i	-0.1794-0.1348i	-0.2202-0.0748i	-0.4654-0.2058i	-0.2506-0.0735i
69.7	1.2005-0.8670i	0.0414-0.5583i	0.9457-0.9462i	0.2367-0.4351i	-0.1848-0.1268i	-0.2223-0.0638i	-0.4874-0.1741i	-0.2404-0.0778i
69.8	1.1980-0.9391i	-0.0068-0.5573i	0.9021-1.0040i	0.2518-0.4088i	-0.1961-0.1141i	-0.2313-0.0509i	-0.5016-0.1339i	-0.2596-0.0699i
69.9	1.2334-0.9749i	-0.0183-0.5745i	0.9497-1.0707i	0.2279-0.3878i	-0.2030-0.1163i	-0.2378-0.0543i	-0.5223-0.1225i	-0.2548-0.0915i
70.0	1.2812-1.0007i	-0.0497-0.5964i	0.9600-1.0874i	0.2453-0.4124i	-0.2069-0.1176i	-0.2435-0.0541i	-0.5251-0.1158i	-0.2678-0.0993i
70.1	1.2812-1.0648i	-0.0665-0.5764i	0.9367-1.1301i	0.2592-0.4454i	-0.2112-0.1026i	-0.2474-0.0385i	-0.5321-0.0784i	-0.2767-0.0776i
70.2	1.2852-1.1639i	-0.0856-0.5592i	0.8991-1.2219i	0.2930-0.4454i	-0.2221-0.0841i	-0.2562-0.0187i	-0.5425-0.0329i	-0.2969-0.0577i
70.3	1.2364-1.1956i	-0.0905-0.5584i	0.8512-1.2284i	0.2973-0.4565i	-0.2109-0.0770i	-0.2465-0.0097i	-0.5156-0.0142i	-0.2912-0.0582i
70.4	1.2509-1.2108i	-0.1053-0.5648i	0.8456-1.2551i	0.3036-0.4256i	-0.2101-0.0780i	-0.2480-0.0098i	-0.5056-0.0023i	-0.3044-0.0779i
70.5	1.1943-1.3281i	-0.1054-0.5775i	0.8207-1.3820i	0.2867-0.4205i	-0.2062-0.0597i	-0.2437+0.0127i	-0.4932+0.0623i	-0.2964-0.0701i
70.6	1.1483-1.3836i	-0.1195-0.5625i	0.7795-1.4415i	0.2933-0.4105i	-0.2031-0.0473i	-0.2363+0.0248i	-0.4664+0.1035i	-0.2965-0.0685i
70.7	1.1649-1.4279i	-0.1454-0.5699i	0.7480-1.5154i	0.3351-0.4124i	-0.2050-0.0467i	-0.2369+0.0272i	-0.4426+0.1198i	-0.3208-0.0755i
70.8	1.1964-1.4789i	-0.1606-0.5914i	0.7363-1.5866i	0.3314-0.4048i	-0.2063-0.0462i	-0.2406+0.0298i	-0.4428+0.1383i	-0.3279-0.0863i
70.9	1.1130-1.5185i	-0.1822-0.5993i	0.6095-1.5647i	0.3655-0.4755i	-0.1906-0.0454i	-0.2236+0.0304i	-0.3902+0.1170i	-0.3352-0.0642i
71.0	1.0783-1.5622i	-0.1814-0.5954i	0.5566-1.6102i	0.3989-0.4900i	-0.1875-0.0418i	-0.2202+0.0373i	-0.3571+0.1259i	-0.3581-0.0537i
71.1	1.0093-1.6354i	-0.1904-0.5874i	0.5010-1.6625i	0.3822-0.5306i	-0.1845-0.0311i	-0.2121+0.0501i	-0.3392+0.1518i	-0.3546-0.0335i
71.2	0.9372-1.6976i	-0.2279-0.6180i	0.3880-1.7392i	0.3809-0.5844i	-0.1788-0.0356i	-0.2020+0.0514i	-0.2967+0.1346i	-0.3670-0.0248i
71.3	0.9015-1.7276i	-0.2459-0.6263i	0.3383-1.7963i	0.3564-0.5637i	-0.1799-0.0327i	-0.2007+0.0546i	-0.2790+0.1488i	-0.3816-0.0302i
71.4	0.7630-1.8024i	-0.2562-0.6344i	0.2476-1.8224i	0.3069-0.6087i	-0.1705-0.0243i	-0.1895+0.0645i	-0.2594+0.1547i	-0.3644-0.0093i
71.5	0.7019-1.8946i	-0.2835-0.6760i	0.1426-1.8904i	0.3300-0.6838i	-0.1680-0.0282i	-0.1828+0.0671i	-0.2308+0.1386i	-0.3779+0.0038i
71.6	0.6008-1.9308i	-0.3193-0.6490i	0.0636-1.9300i	0.2670-0.6658i	-0.1627-0.0196i	-0.1730+0.0772i	-0.2052+0.1622i	-0.3703+0.0130i
71.7	0.5109-1.9396i	-0.3650-0.6322i	-0.0404-1.9291i	0.2185-0.6597i	-0.1631-0.0183i	-0.1697+0.0791i	-0.1970+0.1566i	-0.3745+0.0290i
71.8	0.3935-1.9849i	-0.4261-0.6439i	-0.1893-1.9587i	0.2023-0.7110i	-0.1699-0.0219i	-0.1682+0.0803i	-0.1858+0.1303i	-0.3915+0.0506i
71.9	0.2413-1.9927i	-0.4832-0.6210i	-0.3221-1.9564i	0.1382-0.7098i	-0.1683-0.0127i	-0.1574+0.0869i	-0.1656+0.1375i	-0.3875+0.0681i
72.0	0.1135-1.9572i	-0.4940-0.6044i	-0.4494-1.9027i	0.0995-0.6988i	-0.1585-0.0075i	-0.1408+0.0904i	-0.1339+0.1388i	-0.3705+0.0747i
72.1	-0.0398-1.9410i	-0.5644-0.5841i	-0.6351-1.8678i	0.0417-0.6951i	-0.1614-0.0069i	-0.1343+0.0911i	-0.1180+0.1177i	-0.3821+0.1021i
72.2	-0.2084-1.8785i	-0.6023-0.5162i	-0.7713-1.7504i	-0.0252-0.6859i	-0.1555+0.0071i	-0.1209+0.0982i	-0.1041+0.1193i	-0.3567+0.1354i
72.3	-0.2594-1.8545i	-0.6417-0.5064i	-0.8509-1.7315i	-0.0447-0.6555i	-0.1607+0.0068i	-0.1218+0.0965i	-0.1001+0.1010i	-0.3713+0.1483i
72.4	-0.3143-1.7778i	-0.6936-0.5024i	-0.9463-1.6778i	-0.0660-0.6221i	-0.1625-0.0012i	-0.1224+0.0867i	-0.0880+0.0609i	-0.3852+0.1529i
72.5	-0.3895-1.6221i	-0.6842-0.4356i	-1.0173-1.5266i	-0.0756-0.5771i	-0.1520+0.0022i	-0.1086+0.0817i	-0.0712+0.0429i	-0.3559+0.1631i
72.6	-0.4421-1.4726i	-0.6686-0.3576i	-1.0338-1.3523i	-0.0979-0.5179i	-0.1440+0.0092i	-0.0970+0.0800i	-0.0681+0.0329i	-0.3260+0.1776i
72.7	-0.4449-1.4136i	-0.7094-0.3167i	-1.0753-1.2719i	-0.1091-0.4760i	-0.1472+0.0121i	-0.0974+0.0763i	-0.0768+0.0180i	-0.3252+0.1910i
72.8	-0.4689-1.3686i	-0.6948-0.2997i	-1.0833-1.2233i	-0.1094-0.4425i	-0.1424+0.0142i	-0.0932+0.0745i	-0.0718+0.0134i	-0.3138+0.2012i
72.9	-0.5028-1.3125i	-0.7005-0.2876i	-1.1267-1.1634i	-0.1137-0.4366i	-0.1423+0.0151i	-0.0911+0.0731i	-0.0728-0.0026i	-0.3072+0.2094i
73.0	-0.5076-1.2214i	-0.6814-0.2046i	-1.1116-1.0370i	-0.1171-0.4000i	-0.1380+0.0235i	-0.0863+0.0745i	-0.0809+0.0003i	-0.2795+0.2201i
73.1	-0.4968-1.1819i	-0.6783-0.1798i	-1.1094-0.9996i	-0.0888-0.3830i	-0.1347+0.0240i	-0.0820+0.0723i	-0.0800-0.0087i	-0.2684+0.2240i
73.2	-0.5099-1.0945i	-0.6808-0.1957i	-1.1425-0.9418i	-0.0816-0.3475i	-0.1293+0.0194i	-0.0755+0.0639i	-0.0718-0.0337i	-0.2591+0.2256i
73.3	-0.4704-1.0451i	-0.6809-0.1588i	-1.1352-0.8546i	-0.0582-0.3361i	-0.1295+0.0199i	-0.0781+0.0619i	-0.0885-0.0441i	-0.2521+0.2349i
73.4	-0.4775-0.9773i	-0.6618-0.0969i	-1.1246-0.7206i	-0.0402-0.3240i	-0.1235+0.0290i	-0.0756+0.0638i	-0.1008-0.0420i	-0.2224+0.2461i
73.5	-0.4775-0.9242i	-0.6698-0.0806i	-1.1316-0.6816i	-0.0429-0.2981i	-0.1207+0.0287i	-0.0738+0.0614i	-0.1037-0.0504i	-0.2134+0.2461i
73.6	-0.4689-0.9378i	-0.6817-0.0653i	-1.1669-0.6833i	-0.0186-0.3021i	-0.1243+0.0301i	-0.0764+0.0620i	-0.1112-0.0562i	-0.2166+0.2597i
73.7	-0.4359-0.8888i	-0.6671-0.0611i	-1.1108-0.6429i	-0.0156-0.2934i	-0.1205+0.0268i	-0.0734+0.0561i	-0.1129-0.0636i	-0.2017+0.2462i
73.8	-0.4084-0.8261i	-0.6281+0.0079i	-1.0475-0.5228i	-0.0009-0.2777i	-0.1134+0.0321i	-0.0701+0.0563i	-0.1235-0.0524i	-0.1728+0.2474i
73.9	-0.4133-0.7641i	-0.5938+0.0241i	-1.0409-0.4454i	0.0160-0.2687i	-0.1054+0.0350i	-0.0652+0.0542i	-0.1257-0.0547i	-0.1498+0.2488i
74.0	-0.3632-0.7311i	-0.6226-0.0043i	-1.0385-0.4472i	0.0369-0.2661i	-0.1070+0.0279i	-0.0678+0.0464i	-0.1340-0.0714i	-0.1511+0.2366i
74.1	-0.3397-0.7381i	-0.5819+0.0407i	-1.0073-0.3925i	0.0504-0.2647i	-0.1029+0.0326i	-0.0653+0.0487i	-0.1370-0.0596i	-0.1383+0.2380i
74.2	-0.3384-0.6915i	-0.5708+0.0831i	-0.9887-0.3061i	0.0490-0.2657i	-0.0984+0.0340i	-0.0617+0.0476i	-0.1432-0.0568i	-0.1188+0.2370i
74.3	-0.3195-0.6714i	-0.5612+0.1097i	-0.9595-0.2646i	0.0657-0.2748i	-0.0936+0.0362i	-0.0601+0.0486i	-0.1447-0.0491i	-0.1074+0.2342i
74.4	-0.3098-0.6448i	-0.5163+0.0967i	-0.9132-0.2495i	0.0825-0.2710i	-0.0856+0.0339i	-0.0536+0.0457i	-0.1348-0.0471i	-0.0918+0.2207i
74.5	-0.3022-0.6272i	-0.5109+0.1212i	-0.9046-0.1960i	0.0848-0.2579i	-0.0841+0.0372i	-0.0530+0.0469i	-0.1360-0.0440i	-0.0867+0.2258i
74.6	-0.2814-0.6828i	-0.5337+0.1791i	-0.9106-0.1552i	0.0936-0.2912i	-0.0878+0.0425i	-0.0573+0.0515i	-0.1509-0.0313i	-0.0880+0.2387i
74.7	-0.2858-0.6550i	-0.4800+0.1642i	-0.8634-0.1392i	0.0845-0.3029i	-0.0773+0.0391i	-0.0510+0.0478i	-0.1379-0.0348i	-0.0694+0.2240i
74.8	-0.2676-0.5993i	-0.4420+0.1596i	-0.7995-0.0935i	0.0876-0.2939i	-0.0694+0.0373i	-0.0464+0.0452i	-0.1359-0.0349i	-0.0529+0.2111i
74.9	-0.2264-0.6065i	-0.4675+0.1980i	-0.7981-0.0588i	0.1196-0.3114i	-0.0730+0.0396i	-0.0515+0.0454i	-0.1481-0.0339i	-0.0584+0.2169i

75.0	-0.2215-0.5869i	-0.4461+0.1987i	-0.7808-0.0311i	0.1288-0.3280i	-0.0685+0.0377i	-0.0489+0.0430i	-0.1440-0.0369i	-0.0487+0.2136i
75.1	-0.2409-0.5656i	-0.3876+0.1993i	-0.7239-0.0120i	0.1234-0.3157i	-0.0600+0.0374i	-0.0412+0.0420i	-0.1321-0.0304i	-0.0306+0.2081i
75.2	-0.2356-0.6221i	-0.3904+0.2385i	-0.7081+0.0004i	0.1174-0.3364i	-0.0610+0.0426i	-0.0426+0.0462i	-0.1390-0.0189i	-0.0295+0.2131i
75.3	-0.2143-0.6555i	-0.3814+0.2515i	-0.6841+0.0134i	0.1106-0.3499i	-0.0611+0.0417i	-0.0431+0.0458i	-0.1410-0.0191i	-0.0301+0.2111i
75.4	-0.2374-0.6181i	-0.3475+0.2402i	-0.6507+0.0582i	0.0874-0.3605i	-0.0542+0.0391i	-0.0382+0.0430i	-0.1314-0.0204i	-0.0139+0.2018i
75.5	-0.2577-0.5994i	-0.3100+0.2885i	-0.6192+0.0925i	0.0863-0.3547i	-0.0476+0.0421i	-0.0338+0.0447i	-0.1292-0.0168i	0.0005+0.2042i
75.6	-0.2510-0.6200i	-0.2889+0.2948i	-0.5812+0.0844i	0.0954-0.3649i	-0.0457+0.0408i	-0.0326+0.0439i	-0.1299-0.0156i	0.0068+0.1981i
75.7	-0.2535-0.5984i	-0.2577+0.2891i	-0.5377+0.0794i	0.0777-0.3669i	-0.0410+0.0361i	-0.0296+0.0420i	-0.1250-0.0104i	0.0193+0.1830i
75.8	-0.2183-0.5805i	-0.2613+0.2754i	-0.5165+0.0658i	0.0790-0.3575i	-0.0418+0.0326i	-0.0307+0.0374i	-0.1275-0.0153i	0.0195+0.1758i
75.9	-0.1957-0.5662i	-0.2443+0.2630i	-0.4751+0.0714i	0.0692-0.3551i	-0.0394+0.0299i	-0.0292+0.0343i	-0.1291-0.0203i	0.0196+0.1683i
76.0	-0.2040-0.5541i	-0.2202+0.2364i	-0.4543+0.0573i	0.0732-0.3675i	-0.0347+0.0248i	-0.0272+0.0297i	-0.1240-0.0274i	0.0233+0.1593i
76.1	-0.2246-0.5437i	-0.1932+0.2419i	-0.4323+0.0737i	0.0555-0.3718i	-0.0314+0.0252i	-0.0244+0.0294i	-0.1219-0.0230i	0.0325+0.1550i
76.2	-0.2618-0.5379i	-0.1585+0.2521i	-0.4069+0.1009i	0.0427-0.3763i	-0.0283+0.0273i	-0.0211+0.0302i	-0.1221-0.0196i	0.0467+0.1523i
76.3	-0.2758-0.5319i	-0.1247+0.2576i	-0.3917+0.0972i	0.0314-0.3593i	-0.0240+0.0265i	-0.0195+0.0293i	-0.1164-0.0189i	0.0570+0.1441i
76.4	-0.2535-0.5006i	-0.1234+0.2151i	-0.3646+0.0688i	0.0256-0.3371i	-0.0240+0.0209i	-0.0191+0.0248i	-0.1157-0.0187i	0.0549+0.1297i
76.5	-0.2602-0.5137i	-0.1142+0.2180i	-0.3648+0.0733i	0.0356-0.3435i	-0.0252+0.0197i	-0.0206+0.0238i	-0.1176-0.0167i	0.0546+0.1280i
76.6	-0.2595-0.4994i	-0.0945+0.2093i	-0.3498+0.0862i	0.0259-0.3573i	-0.0226+0.0175i	-0.0207+0.0220i	-0.1143-0.0187i	0.0549+0.1192i
76.7	-0.2515-0.4532i	-0.0495+0.1751i	-0.3078+0.0751i	0.0161-0.3470i	-0.0186+0.0144i	-0.0176+0.0182i	-0.1067-0.0227i	0.0571+0.1075i
76.8	-0.2360-0.4402i	-0.0591+0.1538i	-0.2997+0.0602i	0.0276-0.3304i	-0.0188+0.0095i	-0.0174+0.0159i	-0.1046-0.0249i	0.0577+0.0980i
76.9	-0.2640-0.4243i	-0.0495+0.1493i	-0.2799+0.0585i	0.0221-0.3372i	-0.0166+0.0088i	-0.0152+0.0164i	-0.1026-0.0208i	0.0677+0.0892i
77.0	-0.2852-0.4321i	-0.0251+0.1598i	-0.2613+0.0537i	0.0166-0.3399i	-0.0162+0.0082i	-0.0161+0.0159i	-0.1037-0.0173i	0.0704+0.0835i
77.1	-0.2770-0.4220i	-0.0052+0.1262i	-0.2633+0.0636i	0.0076-0.3403i	-0.0156+0.0071i	-0.0151+0.0153i	-0.1021-0.0169i	0.0660+0.0806i
77.2	-0.2730-0.3876i	-0.0004+0.0962i	-0.2507+0.0552i	0.0071-0.3187i	-0.0148+0.0060i	-0.0144+0.0156i	-0.0983-0.0187i	0.0613+0.0755i
77.3	-0.2423-0.3639i	-0.0317+0.0725i	-0.2295+0.0452i	0.0071-0.3083i	-0.0142+0.0029i	-0.0128+0.0125i	-0.0944-0.0250i	0.0590+0.0699i
77.4	-0.2435-0.3690i	-0.0132+0.0699i	-0.2419+0.0351i	0.0207-0.3127i	-0.0150+0.0029i	-0.0147+0.0109i	-0.0951-0.0237i	0.0567+0.0680i
77.5	-0.2605-0.3747i	-0.0130+0.0838i	-0.2419+0.0363i	0.0158-0.3232i	-0.0136+0.0021i	-0.0151+0.0099i	-0.0960-0.0212i	0.0576+0.0656i
77.6	-0.2461-0.3270i	-0.0187+0.0618i	-0.2244+0.0462i	0.0080-0.3069i	-0.0117+0.0001i	-0.0137+0.0090i	-0.0896-0.0256i	0.0609+0.0618i
77.7	-0.2172-0.2900i	-0.0201+0.0387i	-0.2140+0.0338i	0.0195-0.2928i	-0.0112-0.0022i	-0.0129+0.0076i	-0.0848-0.0315i	0.0601+0.0552i
77.8	-0.2103-0.2896i	-0.0177+0.0319i	-0.2111+0.0411i	0.0115-0.2939i	-0.0109-0.0048i	-0.0119+0.0053i	-0.0878-0.0340i	0.0612+0.0504i
77.9	-0.2267-0.3250i	-0.0270+0.0452i	-0.2195+0.0402i	-0.0059-0.3225i	-0.0126-0.0047i	-0.0128+0.0053i	-0.0951-0.0363i	0.0580+0.0575i
78.0	-0.2248-0.3054i	-0.0340+0.0237i	-0.2279+0.0398i	-0.0015-0.3226i	-0.0121-0.0045i	-0.0122+0.0056i	-0.0934-0.0404i	0.0617+0.0589i
78.1	-0.1692-0.2538i	-0.0372-0.0091i	-0.1794+0.0457i	0.0081-0.2967i	-0.0077-0.0090i	-0.0095+0.0025i	-0.0827-0.0460i	0.0623+0.0435i
78.2	-0.1570-0.2385i	-0.0399-0.0324i	-0.1696+0.0437i	0.0034-0.2879i	-0.0056-0.0111i	-0.0085-0.0001i	-0.0795-0.0480i	0.0629+0.0386i
78.3	-0.1450-0.2342i	-0.0483-0.0279i	-0.1737+0.0506i	-0.0027-0.2842i	-0.0057-0.0121i	-0.0071-0.0014i	-0.0818-0.0485i	0.0628+0.0366i
78.4	-0.1547-0.2141i	-0.0426-0.0235i	-0.1702+0.0379i	0.0046-0.2914i	-0.0045-0.0107i	-0.0043-0.0013i	-0.0814-0.0478i	0.0656+0.0351i
78.5	-0.1242-0.1869i	-0.0471-0.0490i	-0.1620+0.0213i	0.0046-0.2743i	-0.0027-0.0133i	-0.0029-0.0021i	-0.0786-0.0533i	0.0704+0.0314i
78.6	-0.1273-0.1972i	-0.0537-0.0410i	-0.1538+0.0297i	0.0051-0.2638i	-0.0028-0.0155i	-0.0065-0.0054i	-0.0853-0.0580i	0.0735+0.0281i
78.7	-0.0872-0.2135i	-0.0799-0.0539i	-0.1464+0.0282i	0.0283-0.2724i	-0.0011-0.0199i	-0.0047-0.0097i	-0.0858-0.0733i	0.0712+0.0273i
78.8	-0.0606-0.2218i	-0.0804-0.0540i	-0.1378+0.0176i	0.0314-0.2926i	-0.0011-0.0224i	-0.0038-0.0121i	-0.0909-0.0789i	0.0715+0.0264i
78.9	-0.0634-0.2426i	-0.1123-0.0372i	-0.1629+0.0109i	0.0371-0.2970i	-0.0038-0.0253i	-0.0083-0.0158i	-0.1052-0.0879i	0.0764+0.0258i
79.0	-0.0918-0.2676i	-0.1204-0.0416i	-0.1592+0.0186i	0.0171-0.3135i	-0.0077-0.0269i	-0.0115-0.0159i	-0.1253-0.0883i	0.0841+0.0238i
79.1	-0.1307-0.2727i	-0.1239-0.0344i	-0.1720+0.0182i	-0.0089-0.3465i	-0.0146-0.0290i	-0.0151-0.0157i	-0.1481-0.0783i	0.0902+0.0179i
79.2	-0.1605-0.2521i	-0.1074-0.0058i	-0.1754+0.0524i	-0.0466-0.3341i	-0.0173-0.0237i	-0.0197-0.0108i	-0.1601-0.0506i	0.0924+0.0073i
79.3	-0.1772-0.1905i	-0.1003-0.0167i	-0.1509+0.0879i	-0.0818-0.2952i	-0.0138-0.0169i	-0.0130-0.0075i	-0.1434-0.0287i	0.0953-0.0097i
79.4	-0.1729-0.1556i	-0.0843-0.0278i	-0.1258+0.0915i	-0.0851-0.2717i	-0.0111-0.0160i	-0.0091-0.0057i	-0.1259-0.0153i	0.0907-0.0136i
79.5	-0.1623-0.1530i	-0.0698-0.0180i	-0.1170+0.0819i	-0.0670-0.2609i	-0.0099-0.0143i	-0.0096-0.0054i	-0.1238-0.0129i	0.0899-0.0132i
79.6	-0.1154-0.1254i	-0.0956-0.0144i	-0.1068+0.1005i	-0.0684-0.2599i	-0.0080-0.0171i	-0.0089-0.0075i	-0.1228-0.0150i	0.0907-0.0190i
79.7	-0.0928-0.1055i	-0.0966-0.0039i	-0.0865+0.1006i	-0.0684-0.2428i	-0.0062-0.0191i	-0.0075-0.0087i	-0.1131-0.0134i	0.0868-0.0248i
79.8	-0.0631-0.1037i	-0.0998+0.0118i	-0.0648+0.1026i	-0.0689-0.2214i	-0.0047-0.0234i	-0.0057-0.0129i	-0.1078-0.0200i	0.0849-0.0334i
79.9	-0.0709-0.0898i	-0.0935-0.0164i	-0.0799+0.0986i	-0.0485-0.2241i	-0.0034-0.0199i	-0.0021-0.0088i	-0.1026-0.0158i	0.0899-0.0307i
80.0	-0.0538-0.0804i	-0.1017-0.0312i	-0.0701+0.1021i	-0.0422-0.2285i	-0.0031-0.0211i	-0.0038-0.0125i	-0.1038-0.0148i	0.0865-0.0365i

1.1.24 Run 6 – VT000-200 – SF and shaft bending gauges

Vertical shaking at 0° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0528+0.0000i	-0.0319+0.0000i	-0.0824+0.0000i	-0.0477+0.0000i	-6.2927+0.0000i	13.9053+0.0000i	-2.9365+0.0000i	-13.3874+0.0000i
0.1	0.0045+0.0012i	-0.0062-0.0004i	0.0057-0.0031i	-0.0233-0.0002i	-14.4629+0.1290i	4.0863+0.1106i	-14.8523+0.5646i	-1.3822-0.3687i
0.2	-0.0004-0.0001i	-0.0029+0.0011i	0.0166+0.0001i	-0.0203+0.0006i	-15.4426-0.1496i	2.8768-0.2317i	-16.1653+0.3602i	-0.0305-0.0962i
0.3	0.0001+0.0003i	-0.0019+0.0004i	0.0173-0.0001i	-0.0194+0.0006i	-15.4252-0.1961i	2.6284-0.1999i	-15.9929+0.4533i	-0.1860-0.0536i
0.4	0.0014-0.0007i	-0.0005-0.0008i	0.0186-0.0012i	-0.0180-0.0003i	-15.4194-0.2577i	2.1613+0.0975i	-15.8258+0.4404i	-0.5204+0.1776i
0.5	-0.0006-0.0015i	-0.0032-0.0023i	0.0158-0.0029i	-0.0201-0.0017i	-15.6780-0.5351i	2.8795+0.5160i	-15.9732+0.2090i	0.0169+0.4727i
0.6	-0.0011-0.0002i	-0.0034+0.0000i	0.0151-0.0012i	-0.0209+0.0005i	-15.9442-0.3772i	3.0657-0.0949i	-16.0792+0.4448i	0.1660+0.0420i
0.7	0.0013-0.0007i	-0.0001-0.0004i	0.0178-0.0014i	-0.0180+0.0003i	-15.8584-0.2214i	2.2038-0.0739i	-15.8192+0.5673i	-0.4483+0.0509i
0.8	0.0007-0.0063i	-0.0010-0.0103i	0.0172-0.0085i	-0.0187-0.0073i	-15.6831-0.1100i	2.3422+1.9344i	-15.5716+0.4149i	-0.3321+1.5526i
0.9	-0.0068-0.0037i	-0.0132-0.0075i	0.0080-0.0065i	-0.0284-0.0051i	-15.4523-0.5111i	4.8997+1.4101i	-15.6083+0.1125i	1.6145+1.1593i
1.0	-0.0065-0.0005i	-0.0133-0.0025i	0.0080-0.0026i	-0.0281-0.0012i	-15.6770-0.7902i	4.8327+0.3601i	-15.7356+0.0050i	1.5619+0.3432i
1.1	-0.0047+0.0005i	-0.0106-0.0004i	0.0101-0.0011i	-0.0257+0.0004i	-16.3383-1.0235i	4.2628-0.0268i	-16.1321-0.1425i	1.0790+0.0072i
1.2	-0.0041+0.0006i	-0.0092-0.0003i	0.0110-0.0011i	-0.0246+0.0005i	-16.7227-0.6340i	4.0324-0.0835i	-16.3625+0.1684i	0.8702+0.0043i
1.3	-0.0035+0.0005i	-0.0084-0.0001i	0.0115-0.0011i	-0.0240+0.0005i	-16.6221-0.1252i	3.7847-0.1311i	-16.1769+0.5168i	0.7127+0.0176i
1.4	-0.0034+0.0003i	-0.0087-0.0001i	0.0113-0.0008i	-0.0242+0.0007i	-16.6223-0.1011i	3.7447-0.1433i	-16.1462+0.5204i	0.6871+0.0066i
1.5	-0.0034-0.0001i	-0.0088+0.0014i	0.0115-0.0007i	-0.0241+0.0013i	-16.6815-0.0423i	3.7028-0.1655i	-16.1465+0.5458i	0.6546-0.0086i
1.6	-0.0041-0.0004i	-0.0069+0.0021i	0.0120-0.0005i	-0.0236+0.0012i	-16.8239+0.0318i	3.6963-0.1713i	-16.2281+0.5923i	0.6386-0.0081i
1.7	-0.0042+0.0001i	-0.0068+0.0002i	0.0119-0.0007i	-0.0236+0.0009i	-17.0143+0.1911i	3.6569-0.1844i	-16.3439+0.7003i	0.5934-0.0033i
1.8	-0.0047+0.0002i	-0.0077-0.0003i	0.0116-0.0007i	-0.0240+0.0007i	-17.2727+0.3757i	3.6669-0.2159i	-16.5107+0.8201i	0.5745-0.0153i
1.9	-0.0057+0.0001i	-0.0088+0.0001i	0.0108-0.0008i	-0.0242+0.0010i	-17.4723+1.2950i	3.6932-0.3126i	-16.6228+1.5149i	0.5699+0.0234i
2.0	-0.0095+0.0006i	-0.0119+0.0005i	0.0087-0.0004i	-0.0265+0.0009i	-16.1836+2.5117i	3.5285-0.4256i	-15.5883+2.4102i	0.6003+0.0685i
2.1	-0.0113+0.0088i	-0.0129+0.0065i	0.0076+0.0043i	-0.0280+0.0056i	-15.2222+1.7024i	3.4420-0.3665i	-14.8391+1.7477i	0.6421+0.0286i
2.2	0.0044+0.0107i	-0.0015+0.0078i	0.0166+0.0056i	-0.0191+0.0068i	-15.3362+0.8823i	3.3349-0.3373i	-14.9040+1.0809i	0.5867-0.0421i
2.3	0.0070+0.0022i	0.0005+0.0016i	0.0181+0.0006i	-0.0175+0.0019i	-15.5663+0.5693i	3.2867-0.2584i	-15.0847+0.8009i	0.5255-0.0453i
2.4	0.0027+0.0004i	-0.0022+0.0001i	0.0157-0.0008i	-0.0198+0.0008i	-15.8084+0.5273i	3.3145-0.1482i	-15.3249+0.7749i	0.5052+0.0303i
2.5	0.0013+0.0003i	-0.0033-0.0000i	0.0148-0.0009i	-0.0206+0.0008i	-15.8084+0.9303i	3.3554-0.1606i	-15.2833+1.1138i	0.5318+0.0656i
2.6	0.0004+0.0005i	-0.0041-0.0004i	0.0142-0.0009i	-0.0212+0.0009i	-15.2200+0.8484i	3.3274-0.2009i	-14.8009+1.0476i	0.5809+0.0270i
2.7	0.0004+0.0005i	-0.0049-0.0003i	0.0140-0.0006i	-0.0213+0.0006i	-15.2847+0.4117i	3.3580-0.1500i	-14.8422+0.6783i	0.6059+0.0110i
2.8	0.0001+0.0006i	-0.0052-0.0002i	0.0139-0.0006i	-0.0216+0.0009i	-15.4763+0.2578i	3.3754-0.1334i	-14.9823+0.5396i	0.5929-0.0059i
2.9	-0.0001+0.0003i	-0.0053-0.0002i	0.0137-0.0008i	-0.0220+0.0011i	-15.5996+0.1667i	3.3838-0.1105i	-15.0727+0.4619i	0.5873-0.0036i
3.0	-0.0004+0.0003i	-0.0052-0.0002i	0.0136-0.0008i	-0.0218+0.0008i	-15.7047+0.0539i	3.3698-0.0913i	-15.1315+0.3682i	0.5650-0.0001i
3.1	-0.0008+0.0005i	-0.0054-0.0002i	0.0135-0.0009i	-0.0218+0.0005i	-15.7888-0.1091i	3.4077-0.0239i	-15.1897+0.2123i	0.5766+0.0280i
3.2	-0.0010+0.0002i	-0.0057-0.0001i	0.0133-0.0009i	-0.0221+0.0008i	-16.1948-0.2363i	3.5691-0.0011i	-15.5293+0.1206i	0.6528+0.0286i
3.3	-0.0007+0.0003i	-0.0057+0.0006i	0.0135-0.0005i	-0.0217+0.0012i	-16.6465+0.1770i	3.6242-0.1164i	-15.8747+0.4373i	0.6399-0.0062i
3.4	-0.0010+0.0007i	-0.0056-0.0002i	0.0139+0.0000i	-0.0223+0.0010i	-16.6618+0.9774i	3.6233-0.1777i	-15.8756+1.0363i	0.6415+0.0406i
3.5	-0.0014+0.0005i	-0.0056-0.0006i	0.0132-0.0002i	-0.0226+0.0005i	-15.8155+1.1570i	3.5726-0.2839i	-15.2100+1.1795i	0.7151-0.0243i
3.6	-0.0008+0.0015i	-0.0059-0.0002i	0.0139-0.0005i	-0.0222+0.0005i	-14.8597+0.7895i	3.4074-0.2780i	-14.4499+0.9175i	0.7022-0.0725i
3.7	0.0000-0.0000i	-0.0054-0.0004i	0.0135-0.0010i	-0.0223+0.0008i	-16.8128-0.8161i	3.4988-0.0168i	-15.9443-0.3356i	0.5207-0.0704i
3.8	-0.0005-0.0001i	-0.0059-0.0006i	0.0136-0.0010i	-0.0222+0.0007i	-16.8304-0.1567i	3.5231-0.0856i	-15.9540+0.1597i	0.5366-0.0375i
3.9	-0.0007+0.0002i	-0.0061-0.0002i	0.0136-0.0010i	-0.0225+0.0008i	-16.7120-0.0243i	3.5309-0.0955i	-15.8571+0.2464i	0.5595-0.0289i
4.0	-0.0006+0.0003i	-0.0061+0.0000i	0.0137-0.0007i	-0.0225+0.0009i	-16.6813+0.0046i	3.5393-0.0994i	-15.8237+0.2587i	0.5713-0.0301i
4.1	-0.0006+0.0002i	-0.0060-0.0002i	0.0137-0.0008i	-0.0225+0.0009i	-16.7063+0.0192i	3.5566-0.0945i	-15.8358+0.2665i	0.5825-0.0254i
4.2	-0.0006+0.0000i	-0.0061-0.0004i	0.0137-0.0010i	-0.0228+0.0009i	-16.7604+0.0297i	3.5835-0.0867i	-15.8745+0.2753i	0.5979-0.0176i
4.3	-0.0006-0.0002i	-0.0061-0.0005i	0.0139-0.0012i	-0.0227+0.0008i	-16.7949+0.0803i	3.5965-0.0868i	-15.8896+0.3067i	0.6038-0.0150i
4.4	-0.0005-0.0005i	-0.0062-0.0007i	0.0139-0.0013i	-0.0228+0.0004i	-16.7953+0.1149i	3.6173-0.0904i	-15.8798+0.3242i	0.6188-0.0165i
4.5	-0.0009-0.0009i	-0.0064-0.0010i	0.0138-0.0014i	-0.0233+0.0002i	-16.8014+0.1300i	3.6273-0.0982i	-15.8715+0.3303i	0.6233-0.0218i
4.6	-0.0012-0.0013i	-0.0065-0.0012i	0.0135-0.0017i	-0.0234+0.0002i	-16.7899+0.1260i	3.6346-0.0976i	-15.8510+0.3329i	0.6324-0.0193i
4.7	-0.0021-0.0023i	-0.0073-0.0017i	0.0128-0.0021i	-0.0240-0.0004i	-16.7780+0.0102i	3.6465-0.0719i	-15.8532+0.2228i	0.6378-0.0145i
4.8	-0.0042-0.0024i	-0.0092-0.0019i	0.0120-0.0020i	-0.0255-0.0003i	-16.8405-0.0662i	3.7036-0.0545i	-15.9008+0.1439i	0.6635-0.0109i
4.9	-0.0053-0.0005i	-0.0102+0.0001i	0.0113-0.0006i	-0.0262+0.0011i	-16.9758-0.1929i	3.7253-0.0701i	-15.9759+0.0567i	0.6682-0.0251i
5.0	-0.0023+0.0020i	-0.0076+0.0020i	0.0129+0.0004i	-0.0247+0.0021i	-17.3678-0.2028i	3.7817-0.0735i	-16.2613+0.0581i	0.6738-0.0354i
5.1	-0.0019+0.0016i	-0.0075+0.0015i	0.0133+0.0002i	-0.0246+0.0020i	-17.4686-0.0438i	3.8261-0.1147i	-16.3497+0.1806i	0.6974-0.0512i
5.2	-0.0019+0.0017i	-0.0075+0.0016i	0.0134+0.0006i	-0.0248+0.0021i	-17.4451+0.0289i	3.8434-0.1488i	-16.3339+0.2340i	0.7081-0.0637i
5.3	-0.0018+0.0012i	-0.0078+0.0016i	0.0136+0.0001i	-0.0253+0.0020i	-17.3382+0.0418i	3.8616-0.1887i	-16.2561+0.2327i	0.7255-0.0853i
5.4	-0.0023+0.0014i	-0.0089+0.0024i	0.0126+0.0005i	-0.0255+0.0022i	-17.2241+0.0603i	3.9069-0.2788i	-16.1645+0.2583i	0.7788-0.1261i
5.5	-0.0017+0.0032i	-0.0067+0.0050i	0.0136+0.0022i	-0.0246+0.0039i	-17.1837-0.2224i	3.7707-0.4119i	-16.1012+0.0524i	0.7275-0.2321i
5.6	0.0021+0.0002i	-0.0012-0.0003i	0.0172-0.0012i	-0.0223+0.0016i	-17.8271-0.6014i	3.6738-0.0944i	-16.6380-0.2377i	0.5992-0.1169i

5.7	0.0003-0.0039i	-0.0041-0.0053i	0.0163-0.0038i	-0.0236-0.0020i	-18.3220-0.5663i	3.7657+0.1486i	-16.9561-0.2016i	0.5804+0.0085i
5.8	-0.0018-0.0034i	-0.0075-0.0047i	0.0146-0.0038i	-0.0256-0.0015i	-18.4375-0.2844i	3.8845+0.0961i	-17.0216+0.0117i	0.6300+0.0099i
5.9	-0.0043-0.0029i	-0.0100-0.0038i	0.0132-0.0034i	-0.0277-0.0009i	-18.5087-0.2216i	3.9850+0.0719i	-17.0763+0.0558i	0.6822+0.0151i
6.0	-0.0062-0.0004i	-0.0118-0.0014i	0.0123-0.0018i	-0.0293+0.0005i	-18.5572-0.1538i	4.0665+0.0182i	-17.1230+0.1041i	0.7248-0.0063i
6.1	-0.0048+0.0018i	-0.0108+0.0008i	0.0134-0.0004i	-0.0291+0.0022i	-18.5732-0.1019i	4.0847-0.0470i	-17.1345+0.1445i	0.7361-0.0361i
6.2	-0.0030+0.0025i	-0.0094+0.0016i	0.0148+0.0000i	-0.0285+0.0029i	-18.5969-0.1008i	4.0868-0.0729i	-17.1497+0.1417i	0.7345-0.0506i
6.3	-0.0019+0.0021i	-0.0086+0.0015i	0.0158-0.0002i	-0.0283+0.0028i	-18.6292-0.1047i	4.0840-0.0726i	-17.1657+0.1357i	0.7300-0.0486i
6.4	-0.0016+0.0015i	-0.0085+0.0013i	0.0163-0.0010i	-0.0288+0.0029i	-18.6612-0.1194i	4.1055-0.0636i	-17.1939+0.1318i	0.7440-0.0406i
6.5	-0.0013+0.0012i	-0.0083+0.0012i	0.0172-0.0014i	-0.0293+0.0031i	-18.6831-0.1513i	4.1345-0.0526i	-17.2109+0.1117i	0.7635-0.0356i
6.6	-0.0011+0.0008i	-0.0082+0.0010i	0.0181-0.0019i	-0.0302+0.0033i	-18.6729-0.2244i	4.1383-0.0470i	-17.2108+0.0593i	0.7660-0.0392i
6.7	-0.0013+0.0001i	-0.0082+0.0008i	0.0191-0.0025i	-0.0313+0.0035i	-18.6199-0.3131i	4.1356-0.0263i	-17.1755+0.0007i	0.7680-0.0328i
6.8	-0.0015-0.0002i	-0.0084+0.0007i	0.0207-0.0035i	-0.0332+0.0043i	-18.4267-0.4847i	4.1129+0.0197i	-17.0572-0.1058i	0.7711-0.0173i
6.9	-0.0016-0.0000i	-0.0085+0.0010i	0.0227-0.0054i	-0.0354+0.0064i	-18.1333-0.9338i	4.0898+0.0903i	-16.8864-0.3955i	0.7835-0.0142i
7.0	-0.0012+0.0000i	-0.0078+0.0013i	0.0249-0.0097i	-0.0370+0.0114i	-17.8888-1.9878i	4.0524+0.2598i	-16.7393-1.0634i	0.7870-0.0069i
7.1	-0.0002-0.0024i	-0.0064-0.0002i	0.0227-0.0205i	-0.0333+0.0201i	-18.9072-4.2327i	4.2256+0.6766i	-17.4024-2.4690i	0.8028+0.0512i
7.2	-0.0024-0.0062i	-0.0079-0.0034i	0.0107-0.0272i	-0.0233+0.0224i	-21.7573-5.1352i	4.7815+0.8834i	-19.2235-3.0211i	0.8888+0.1016i
7.3	-0.0079-0.0050i	-0.0119-0.0027i	0.0001-0.0228i	-0.0185+0.0190i	-23.7933-4.3153i	5.2319+0.7033i	-20.5096-2.4841i	0.9838+0.0657i
7.4	-0.0089+0.0003i	-0.0126+0.0009i	-0.0045-0.0127i	-0.0151+0.0145i	-25.2154-2.6080i	5.5009+0.3118i	-21.3895-1.3912i	1.0292-0.0186i
7.5	-0.0061+0.0016i	-0.0109+0.0014i	-0.0016-0.0065i	-0.0151+0.0095i	-25.2191-1.0613i	5.4496+0.0484i	-21.3822-0.4240i	1.0020-0.0433i
7.6	-0.0048+0.0010i	-0.0102+0.0009i	0.0023-0.0039i	-0.0178+0.0057i	-24.7656-0.1136i	5.3580-0.0851i	-21.1058+0.1632i	0.9903-0.0399i
7.7	-0.0048+0.0007i	-0.0103+0.0007i	0.0037-0.0032i	-0.0194+0.0047i	-24.6614+0.1432i	5.3511-0.1063i	-21.0416+0.3091i	0.9948-0.0307i
7.8	-0.0046+0.0003i	-0.0103+0.0006i	0.0051-0.0028i	-0.0210+0.0039i	-24.7265+0.3471i	5.3860-0.1091i	-21.0752+0.4402i	1.0128-0.0151i
7.9	-0.0046+0.0004i	-0.0104+0.0007i	0.0058-0.0028i	-0.0221+0.0039i	-24.9943+0.4502i	5.4926-0.1149i	-21.2653+0.4922i	1.0587-0.0111i
8.0	-0.0045+0.0003i	-0.0105+0.0006i	0.0064-0.0025i	-0.0227+0.0037i	-25.3796+0.6744i	5.5954-0.1574i	-21.5350+0.6402i	1.0888-0.0152i
8.1	-0.0047-0.0000i	-0.0108+0.0006i	0.0070-0.0025i	-0.0240+0.0034i	-25.6406+0.9736i	5.6857-0.2127i	-21.7134+0.8441i	1.1269-0.0209i
8.2	-0.0047+0.0000i	-0.0107+0.0007i	0.0076-0.0026i	-0.0246+0.0034i	-26.0195+1.2271i	5.7621-0.2634i	-21.9608+1.0050i	1.1410-0.0322i
8.3	-0.0046+0.0000i	-0.0105+0.0007i	0.0083-0.0025i	-0.0253+0.0036i	-26.4933+1.4849i	5.8649-0.3171i	-22.2751+1.1623i	1.1633-0.0439i
8.4	-0.0046-0.0004i	-0.0104+0.0004i	0.0090-0.0028i	-0.0263+0.0036i	-26.9561+1.8319i	5.9907-0.3498i	-22.5702+1.3749i	1.2017-0.0337i
8.5	-0.0049-0.0010i	-0.0106+0.0001i	0.0094-0.0034i	-0.0273+0.0037i	-27.4866+2.3623i	6.1538-0.4457i	-22.9131+1.7121i	1.2615-0.0485i
8.6	-0.0053-0.0012i	-0.0111-0.0003i	0.0097-0.0040i	-0.0284+0.0040i	-27.9849+2.8158i	6.2903-0.5240i	-23.2465+1.9996i	1.3055-0.0589i
8.7	-0.0063-0.0014i	-0.0116-0.0008i	0.0106-0.0051i	-0.0302+0.0044i	-28.9603+3.5684i	6.4993-0.6527i	-23.8712+2.5056i	1.3521-0.0738i
8.8	-0.0069-0.0013i	-0.0115-0.0013i	0.0109-0.0064i	-0.0309+0.0059i	-29.4579+4.7203i	6.5974-0.8815i	-24.1883+3.2435i	1.3677-0.1153i
8.9	-0.0068-0.0017i	-0.0109-0.0026i	0.0118-0.0085i	-0.0318+0.0070i	-30.3163+6.1863i	6.7644-1.1003i	-24.7630+4.1815i	1.3957-0.1193i
9.0	-0.0077-0.0029i	-0.0120-0.0047i	0.0113-0.0117i	-0.0325+0.0085i	-30.3991+8.3769i	6.8267-1.4392i	-24.8258+5.5672i	1.4284-0.1390i
9.1	-0.0094-0.0029i	-0.0136-0.0049i	0.0103-0.0133i	-0.0335+0.0103i	-30.3234+9.6710i	6.8923-1.6862i	-24.7820+6.4014i	1.4794-0.1825i
9.2	-0.0106-0.0024i	-0.0142-0.0068i	0.0101-0.0182i	-0.0344+0.0145i	-30.8189+13.3070i	7.0140-2.2474i	-25.0912+8.7164i	1.5118-0.2051i
9.3	-0.0121-0.0015i	-0.0180-0.0095i	0.0037-0.0236i	-0.0309+0.0191i	-26.9888+17.6444i	6.4909-2.9383i	-22.6496+11.4600i	1.5297-0.2481i
9.4	-0.0130+0.0001i	-0.0246-0.0081i	-0.0083-0.0221i	-0.0235+0.0189i	-18.9305+16.9930i	5.3078-2.8328i	-17.5366+11.0098i	1.5131-0.2426i
9.5	-0.0124+0.0011i	-0.0271-0.0041i	-0.0123-0.0157i	-0.0209+0.0148i	-16.2808+12.5946i	4.9458-2.1728i	-15.8914+8.1893i	1.5220-0.2247i
9.6	-0.0125+0.0015i	-0.0279-0.0006i	-0.0131-0.0103i	-0.0214+0.0115i	-16.3375+8.8322i	5.0423-1.6129i	-15.9629+5.7980i	1.5770-0.2138i
9.7	-0.0130+0.0015i	-0.0280+0.0019i	-0.0128-0.0061i	-0.0224+0.0089i	-17.0484+5.9315i	5.2248-1.1511i	-16.4420+3.9559i	1.6269-0.1874i
9.8	-0.0129+0.0016i	-0.0271+0.0036i	-0.0112-0.0036i	-0.0240+0.0081i	-18.6781+4.5242i	5.5406-0.9626i	-17.5132+3.0728i	1.6831-0.1972i
9.9	-0.0132+0.0018i	-0.0272+0.0047i	-0.0108-0.0022i	-0.0252+0.0074i	-19.8062+3.6119i	5.8023-0.8269i	-18.2610+2.5017i	1.7450-0.1919i
10.0	-0.0136+0.0019i	-0.0270+0.0056i	-0.0101-0.0011i	-0.0264+0.0073i	-20.9286+3.0130i	6.0520-0.7610i	-18.9903+2.1187i	1.8006-0.2044i
10.1	-0.0141+0.0019i	-0.0270+0.0065i	-0.0093-0.0002i	-0.0278+0.0075i	-21.9974+2.6254i	6.3218-0.7160i	-19.6973+1.8974i	1.8760-0.2126i
10.2	-0.0148+0.0022i	-0.0272+0.0071i	-0.0091+0.0001i	-0.0288+0.0076i	-22.9641+2.5248i	6.5804-0.7208i	-20.3431+1.8469i	1.9566-0.2253i
10.3	-0.0160+0.0021i	-0.0281+0.0071i	-0.0100-0.0001i	-0.0298+0.0075i	-23.8078+2.5303i	6.8371-0.7055i	-20.8943+1.8402i	2.0372-0.2165i
10.4	-0.0173+0.0023i	-0.0299+0.0085i	-0.0113+0.0006i	-0.0312+0.0085i	-24.4376+2.5080i	7.1419-0.7386i	-21.3364+1.8270i	2.1729-0.2393i
10.5	-0.0179+0.0036i	-0.0304+0.0107i	-0.0120+0.0021i	-0.0319+0.0096i	-25.0599+2.3652i	7.3966-0.8260i	-21.7726+1.7455i	2.2816-0.3070i
10.6	-0.0178+0.0053i	-0.0293+0.0128i	-0.0115+0.0039i	-0.0315+0.0103i	-25.7081+2.2739i	7.5261-0.9262i	-22.1982+1.7006i	2.3061-0.3817i
10.7	-0.0178+0.0054i	-0.0289+0.0134i	-0.0113+0.0047i	-0.0315+0.0103i	-26.3212+2.0070i	7.6839-0.9052i	-22.5888+1.5344i	2.3539-0.3925i
10.8	-0.0179+0.0054i	-0.0290+0.0136i	-0.0111+0.0053i	-0.0316+0.0102i	-27.2499+2.0153i	7.9496-0.9502i	-23.2123+1.5512i	2.4368-0.4193i
10.9	-0.0185+0.0052i	-0.0288+0.0141i	-0.0111+0.0055i	-0.0326+0.0101i	-28.2192+1.9021i	8.2516-0.9705i	-23.8854+1.4920i	2.5456-0.4454i
11.0	-0.0198+0.0052i	-0.0300+0.0143i	-0.0120+0.0058i	-0.0343+0.0100i	-29.0565+1.8465i	8.5870-0.9720i	-24.4480+1.4641i	2.6796-0.4536i
11.1	-0.0203+0.0052i	-0.0304+0.0145i	-0.0123+0.0060i	-0.0350+0.0099i	-29.9394+1.8857i	8.8597-1.0009i	-25.0475+1.4883i	2.7736-0.4679i
11.2	-0.0213+0.0052i	-0.0306+0.0146i	-0.0127+0.0061i	-0.0358+0.0099i	-30.9023+1.9805i	9.1721-1.0325i	-25.7252+1.5565i	2.8868-0.4752i
11.3	-0.0231+0.0051i	-0.0313+0.0147i	-0.0136+0.0061i	-0.0369+0.0102i	-31.8440+2.0313i	9.5528-1.0999i	-26.3764+1.6054i	3.0475-0.5137i
11.4	-0.0248+0.0049i	-0.0328+0.0149i	-0.0147+0.0065i	-0.0385+0.0102i	-33.0752+2.1417i	10.0067-1.1846i	-27.2158+1.7003i	3.2230-0.5652i
11.5	-0.0263+0.0051i	-0.0341+0.0152i	-0.0158+0.0065i	-0.0399+0.0106i	-34.0066+2.2119i	10.3878-1.2725i	-27.8520+1.7520i	3.3794-0.6215i
11.6	-0.0284+0.0050i	-0.0355+0.0154i	-0.0172+0.0069i	-0.0418+0.0104i	-35.1755+2.3199i	10.8532-1.3246i	-28.6612+1.8220i	3.5693-0.6454i
11.7	-0.0312+0.0045i	-0.0381+0.0153i	-0.0193+0.0066i	-0.0441+0.0103i	-36.5718+2.4417i	11.4390-1.3144i	-29.6260+1.9041i	3.8134-0.6272i
11.8	-0.0346+0.0051i	-0.0412+0.0162i	-0.0220+0.0072i	-0.0472+0.0111i	-37.8147+2.7465i	12.0605-1.5040i	-30.5002+2.1281i	4.0961-0.7224i
11.9	-0.0380+0.0054i	-0.0447+0.0168i	-0.0247+0.0076i	-0.0505+0.0116i	-39.1787+3.1494i	12.7337-1.6336i	-31.4446+2.4184i	4.4044-0.7596i

12.0	-0.0421+0.0061i	-0.0483+0.0176i	-0.0280+0.0079i	-0.0538+0.0124i	-40.6254+3.3645i	13.4564-1.7766i	-32.4453+2.5757i	4.7388-0.8328i
12.1	-0.0479+0.0075i	-0.0530+0.0196i	-0.0322+0.0096i	-0.0585+0.0140i	-42.5710+3.6056i	14.4333-2.0474i	-33.8177+2.7387i	5.1803-0.9917i
12.2	-0.0537+0.0086i	-0.0589+0.0217i	-0.0371+0.0110i	-0.0638+0.0156i	-44.4210+3.9442i	15.5209-2.2988i	-35.1558+2.9633i	5.7039-1.1249i
12.3	-0.0608+0.0104i	-0.0663+0.0246i	-0.0431+0.0126i	-0.0697+0.0177i	-46.2614+4.3281i	16.7174-2.6270i	-36.4619+3.2634i	6.3042-1.2993i
12.4	-0.0702+0.0143i	-0.0755+0.0285i	-0.0507+0.0153i	-0.0774+0.0212i	-48.3266+4.9241i	18.1767-3.1776i	-37.9596+3.7251i	7.0466-1.5974i
12.5	-0.0795+0.0196i	-0.0841+0.0353i	-0.0580+0.0202i	-0.0850+0.0265i	-50.4422+5.7250i	19.5736-3.9640i	-39.4654+4.3523i	7.7404-2.0234i
12.6	-0.0923+0.0286i	-0.0959+0.0451i	-0.0687+0.0280i	-0.0952+0.0346i	-53.2261+6.1575i	21.5811-5.0748i	-41.5217+4.7410i	8.7677-2.6960i
12.7	-0.1059+0.0443i	-0.1073+0.0622i	-0.0798+0.0412i	-0.1060+0.0480i	-56.2032+7.2079i	23.8054-6.9419i	-43.6961+5.5880i	9.9214-3.7966i
12.8	-0.1171+0.0625i	-0.1171+0.0821i	-0.0886+0.0564i	-0.1145+0.0636i	-59.1354+8.3318i	25.7754-9.1236i	-45.7896+6.5819i	10.9167-5.0829i
12.9	-0.1236+0.0866i	-0.1206+0.1075i	-0.0936+0.0766i	-0.1191+0.0845i	-62.9636+9.4311i	27.5384-12.0869i	-48.4637+7.6179i	11.6948-6.8815i
13.0	-0.1278+0.1110i	-0.1213+0.1335i	-0.0973+0.0975i	-0.1221+0.1055i	-67.0442+11.1912i	29.3401-15.3233i	-51.2756+9.1159i	12.4902-8.7966i
13.1	-0.1337+0.1368i	-0.1225+0.1601i	-0.1013+0.1199i	-0.1266+0.1280i	-71.9767+13.1067i	31.5583-19.0087i	-54.6920+10.7757i	13.4609-10.9885i
13.2	-0.1502+0.1726i	-0.1334+0.1955i	-0.1145+0.1505i	-0.1402+0.1595i	-78.9570+15.2854i	35.6849-24.2282i	-59.6477+12.7561i	15.4839-14.1428i
13.3	-0.1613+0.2216i	-0.1389+0.2425i	-0.1228+0.1912i	-0.1483+0.2020i	-85.1681+18.9990i	38.7270-31.6425i	-63.9874+15.9603i	16.8670-18.5813i
13.4	-0.1515+0.3118i	-0.1209+0.3273i	-0.1123+0.2657i	-0.1370+0.2798i	-92.3168+26.0784i	39.0940-45.4195i	-68.6398+22.0200i	16.4489-26.7938i
13.5	-0.0835+0.4404i	-0.0466+0.4469i	-0.0532+0.3720i	-0.0749+0.3900i	-100.7015+33.5282i	31.9066-64.8268i	-73.2946+28.8317i	11.0476-38.6049i
13.6	0.0815+0.5410i	0.1203+0.5330i	0.0862+0.4520i	0.0706+0.4725i	-108.4380+43.8896i	11.0594-81.0992i	-76.1692+37.1825i	-3.0870-48.1211i
13.7	0.3545+0.5037i	0.3824+0.4792i	0.3103+0.4137i	0.3063+0.4334i	-118.2322+56.8827i	-24.6667-79.1491i	-78.9419+45.3507i	-26.9999-45.6803i
13.8	0.4717+0.3636i	0.4894+0.3370i	0.4034+0.2958i	0.4050+0.3103i	-126.9472+69.4753i	-39.6306-62.6255i	-83.1063+51.8813i	-37.4601-33.8728i
13.9	0.5477+0.1873i	0.5556+0.1608i	0.4606+0.1488i	0.4688+0.1558i	-141.9376+90.0239i	-47.7815-42.1841i	-92.1226+63.2376i	-44.1381-18.8122i
14.0	0.5715+0.0085i	0.5724-0.0154i	0.4732+0.0029i	0.4876-0.0001i	-161.0240+128.4788i	-47.9339-24.5300i	-104.5204+86.5683i	-46.0320-3.8754i
14.1	0.5359-0.1254i	0.5344-0.1472i	0.4407-0.1030i	0.4565-0.1167i	-160.1817+177.5154i	-43.3747-14.9109i	-104.3340+117.6369i	-43.0293+6.8950i
14.2	0.4037-0.3316i	0.3967-0.3527i	0.3300-0.2627i	0.3395-0.2996i	-106.9148+276.7769i	-34.8270-4.0097i	-70.2310+181.4782i	-32.5880+23.2207i
14.3	0.2087-0.3968i	0.1959-0.4155i	0.1752-0.3090i	0.1648-0.3579i	2.3435+309.7415i	-27.3172-0.8714i	0.4286+202.5284i	-17.5631+28.3654i
14.4	-0.0032-0.3148i	-0.0193-0.3274i	0.0116-0.2404i	-0.0252-0.2847i	123.7339+248.4243i	-19.6486-1.3245i	78.8382+162.1629i	-1.2667+22.3796i
14.5	-0.0599-0.2122i	-0.0745-0.2188i	-0.0306-0.1596i	-0.0755-0.1915i	150.2913+174.2755i	-16.7265-2.4958i	95.7438+113.6866i	3.1080+14.6971i
14.6	-0.0624-0.1360i	-0.0763-0.1395i	-0.0314-0.0999i	-0.0777-0.1232i	143.1413+119.5399i	-15.2339-3.4214i	90.7464+78.0339i	3.4080+8.9835i
14.7	-0.0541-0.0944i	-0.0669-0.0962i	-0.0237-0.0674i	-0.0704-0.0860i	132.0300+88.8083i	-14.6520-3.6933i	83.3367+58.0487i	2.7509+5.9389i
14.8	-0.0428-0.0597i	-0.0533-0.0601i	-0.0134-0.0415i	-0.0605-0.0544i	117.2792+60.4693i	-13.7308-3.2832i	73.5672+39.5576i	1.9811+3.5597i
14.9	-0.0343-0.0427i	-0.0434-0.0434i	-0.0065-0.0293i	-0.0528-0.0388i	107.1984+46.7114i	-13.0976-3.1784i	66.8681+30.5602i	1.4498+2.3347i
15.0	-0.0219-0.0288i	-0.0316-0.0309i	0.0028-0.0200i	-0.0422-0.0266i	94.0255+35.6064i	-12.6177-3.1009i	58.1676+23.3103i	0.5214+1.3408i
15.1	-0.0123-0.0226i	-0.0226-0.0233i	0.0099-0.0157i	-0.0340-0.0203i	83.6289+28.9887i	-12.2441-2.6814i	51.3186+18.9705i	-0.2147+0.9925i
15.2	-0.0049-0.0179i	-0.0149-0.0174i	0.0155-0.0124i	-0.0274-0.0156i	75.2367+23.0397i	-11.7836-2.1062i	45.7775+15.0533i	-0.6959+0.8119i
15.3	0.0004-0.0151i	-0.0092-0.0144i	0.0193-0.0108i	-0.0226-0.0128i	67.9290+19.6412i	-11.1647-1.7266i	40.9388+12.8059i	-0.9758+0.7397i
15.4	0.0034-0.0129i	-0.0052-0.0116i	0.0214-0.0098i	-0.0196-0.0103i	61.2110+16.4755i	-10.3236-1.3770i	36.4395+10.7368i	-1.0567+0.6664i
15.5	0.0050-0.0114i	-0.0034-0.0100i	0.0222-0.0088i	-0.0181-0.0088i	56.6550+14.1980i	-9.6416-1.1193i	33.3674+9.2264i	-1.0425+0.6203i
15.6	0.0068-0.0090i	-0.0014-0.0075i	0.0234-0.0072i	-0.0164-0.0064i	51.7830+11.8054i	-8.9659-0.9810i	30.1087+7.6721i	-1.0625+0.4879i
15.7	0.0083-0.0081i	0.0005-0.0062i	0.0242-0.0065i	-0.0150-0.0055i	48.5440+10.9981i	-8.5449-0.9810i	27.9583+7.1560i	-1.0913+0.4084i
15.8	0.0107-0.0070i	0.0029-0.0048i	0.0256-0.0056i	-0.0129-0.0043i	44.5643+9.7387i	-8.0522-0.9599i	25.2988+6.3356i	-1.1456+0.3032i
15.9	0.0122-0.0066i	0.0045-0.0039i	0.0266-0.0052i	-0.0117-0.0037i	41.7833+8.9743i	-7.7314-0.9675i	23.4452+5.8491i	-1.1956+0.2228i
16.0	0.0137-0.0057i	0.0059-0.0033i	0.0274-0.0045i	-0.0105-0.0030i	38.8877+7.8385i	-7.3625-0.9141i	21.5146+5.1256i	-1.2297+0.1500i
16.1	0.0144-0.0049i	0.0072-0.0021i	0.0281-0.0039i	-0.0096-0.0021i	36.4743+7.1181i	-7.0666-0.8681i	19.9191+4.6658i	-1.2601+0.1131i
16.2	0.0153-0.0051i	0.0085-0.0020i	0.0288-0.0039i	-0.0086-0.0020i	34.2166+6.7926i	-6.8125-0.8286i	18.4238+4.4635i	-1.3109+0.1076i
16.3	0.0158-0.0053i	0.0088-0.0022i	0.0290-0.0041i	-0.0083-0.0020i	32.5100+6.4295i	-6.5650-0.7519i	17.2777+4.2318i	-1.3131+0.1263i
16.4	0.0159-0.0053i	0.0083-0.0019i	0.0286-0.0042i	-0.0083-0.0019i	31.1119+5.9670i	-6.2638-0.6661i	16.3220+3.9239i	-1.2476+0.1366i
16.5	0.0164-0.0048i	0.0089-0.0016i	0.0288-0.0041i	-0.0082-0.0016i	29.5428+5.2590i	-5.9802-0.5946i	15.2678+3.4639i	-1.2069+0.1144i
16.6	0.0167-0.0051i	0.0096-0.0015i	0.0291-0.0041i	-0.0077-0.0016i	28.1278+4.9997i	-5.8401-0.5997i	14.3278+3.2901i	-1.2534+0.0890i
16.7	0.0178-0.0047i	0.0106-0.0008i	0.0297-0.0037i	-0.0069-0.0013i	26.7262+4.6792i	-5.6466-0.5787i	13.3921+3.0701i	-1.2588+0.0741i
16.8	0.0189-0.0043i	0.0112+0.0001i	0.0304-0.0031i	-0.0065-0.0009i	25.5019+4.4244i	-5.3617-0.5694i	12.5699+2.9028i	-1.1796+0.0604i
16.9	0.0187-0.0043i	0.0113-0.0000i	0.0305-0.0033i	-0.0070-0.0007i	24.2995+4.0272i	-5.0884-0.5588i	11.7764+2.6622i	-1.1185+0.0284i
17.0	0.0184-0.0049i	0.0116-0.0001i	0.0304-0.0035i	-0.0068-0.0005i	23.2897+3.7720i	-4.9983-0.5758i	11.0804+2.5084i	-1.1608-0.0091i
17.1	0.0192-0.0046i	0.0123+0.0004i	0.0308-0.0033i	-0.0057+0.0002i	22.3387+3.5150i	-4.9561-0.5762i	10.4346+2.3418i	-1.2201-0.0295i
17.2	0.0200-0.0053i	0.0127+0.0004i	0.0311-0.0035i	-0.0054-0.0005i	21.4766+3.2950i	-4.7497-0.4263i	9.8539+2.1936i	-1.1620+0.0481i
17.3	0.0197-0.0056i	0.0135+0.0003i	0.0311-0.0038i	-0.0053-0.0006i	20.4656+3.0944i	-4.5378-0.4463i	9.1854+2.0647i	-1.1173+0.0147i
17.4	0.0192-0.0061i	0.0139-0.0001i	0.0312-0.0039i	-0.0054-0.0008i	19.6303+3.0474i	-4.4161-0.4513i	8.6421+2.0234i	-1.1194+0.0050i
17.5	0.0189-0.0060i	0.0142+0.0002i	0.0313-0.0037i	-0.0055-0.0006i	18.9684+2.9204i	-4.2847-0.4278i	8.2005+1.9518i	-1.0923+0.0047i
17.6	0.0188-0.0062i	0.0144+0.0000i	0.0313-0.0040i	-0.0057-0.0007i	18.3711+2.7765i	-4.1378-0.3964i	7.7780+1.8541i	-1.0529+0.0097i
17.7	0.0184-0.0064i	0.0144-0.0004i	0.0309-0.0042i	-0.0059-0.0008i	17.7336+2.6361i	-3.9906-0.3938i	7.3577+1.7714i	-1.0189-0.0016i
17.8	0.0183-0.0064i	0.0144-0.0003i	0.0312-0.0041i	-0.0056-0.0005i	17.0620+2.4942i	-3.8703-0.4283i	6.9183+1.6805i	-0.9928-0.0382i
17.9	0.0188-0.0064i	0.0149-0.0007i	0.0315-0.0043i	-0.0060-0.0010i	16.4440+2.3062i	-3.7471-0.4361i	6.5079+1.5533i	-0.9759-0.0623i
18.0	0.0182-0.0064i	0.0151-0.0009i	0.0313-0.0043i	-0.0064-0.0009i	15.9070+2.0983i	-3.6717-0.4178i	6.1673+1.4226i	-0.9773-0.0752i
18.1	0.0185-0.0059i	0.0153-0.0011i	0.0314-0.0044i	-0.0063-0.0005i	15.3899+1.9023i	-3.5628-0.5174i	5.7902+1.2994i	-0.9515-0.1578i
18.2	0.0183-0.0062i	0.0154-0.0014i	0.0317-0.0046i	-0.0064-0.0007i	14.8969+1.7654i	-3.4630-0.5250i	5.4550+1.2090i	-0.9353-0.1753i

18.3	0.0176-0.0064i	0.0151-0.0019i	0.0314-0.0049i	-0.0066-0.0006i	14.3171+1.6547i	-3.4027-0.5962i	5.0781+1.1442i	-0.9514-0.2342i
18.4	0.0172-0.0062i	0.0146-0.0017i	0.0314-0.0049i	-0.0068-0.0005i	13.7860+1.6102i	-3.4111-0.5709i	4.7394+1.1200i	-1.0067-0.2204i
18.5	0.0167-0.0062i	0.0142-0.0018i	0.0313-0.0048i	-0.0075-0.0003i	13.3883+1.5274i	-3.4276-0.5590i	4.4677+1.0524i	-1.0590-0.2200i
18.6	0.0160-0.0049i	0.0138-0.0009i	0.0314-0.0047i	-0.0082+0.0007i	13.0389+1.3883i	-3.4185-0.4425i	4.2516+0.9542i	-1.0870-0.1512i
18.7	0.0164-0.0037i	0.0141+0.0000i	0.0317-0.0046i	-0.0077+0.0016i	12.6491+1.1688i	-3.3558-0.2908i	3.9875+0.7797i	-1.0851-0.0768i
18.8	0.0174-0.0040i	0.0152-0.0002i	0.0317-0.0051i	-0.0067+0.0018i	12.0601+1.0257i	-3.1996-0.3291i	3.5829+0.6998i	-1.0351-0.1117i
18.9	0.0182-0.0041i	0.0158-0.0004i	0.0320-0.0052i	-0.0060+0.0020i	11.6849+0.9742i	-3.1440-0.3562i	3.3074+0.6741i	-1.0330-0.1333i
19.0	0.0189-0.0037i	0.0161-0.0005i	0.0321-0.0052i	-0.0058+0.0022i	11.1661+0.8922i	-3.0668-0.3114i	2.9586+0.6052i	-1.0309-0.1137i
19.1	0.0189-0.0033i	0.0170-0.0003i	0.0322-0.0051i	-0.0053+0.0020i	10.7159+0.7661i	-2.9631-0.2009i	2.6697+0.5130i	-0.9982-0.0567i
19.2	0.0202-0.0033i	0.0182-0.0007i	0.0332-0.0051i	-0.0046+0.0018i	10.3265+0.6779i	-2.8627-0.1801i	2.4089+0.4690i	-0.9636-0.0473i
19.3	0.0206-0.0041i	0.0184-0.0012i	0.0334-0.0055i	-0.0049+0.0017i	9.9441+0.7440i	-2.7829-0.2033i	2.1629+0.5077i	-0.9490-0.0597i
19.4	0.0211-0.0044i	0.0187-0.0018i	0.0335-0.0059i	-0.0044+0.0013i	9.6414+0.7398i	-2.6567-0.2074i	1.9351+0.5060i	-0.8938-0.0691i
19.5	0.0220-0.0046i	0.0198-0.0022i	0.0337-0.0063i	-0.0033+0.0011i	9.3010+0.6500i	-2.5592-0.2160i	1.7010+0.4519i	-0.8553-0.0790i
19.6	0.0221-0.0059i	0.0202-0.0030i	0.0334-0.0073i	-0.0032+0.0009i	8.9858+0.6054i	-2.4641-0.2387i	1.4717+0.4305i	-0.8213-0.0988i
19.7	0.0228-0.0076i	0.0206-0.0043i	0.0342-0.0084i	-0.0025+0.0003i	8.6215+0.6241i	-2.3799-0.2887i	1.2270+0.4427i	-0.8006-0.1335i
19.8	0.0234-0.0081i	0.0206-0.0057i	0.0345-0.0088i	-0.0026-0.0003i	8.2656+0.6245i	-2.3166-0.3486i	1.0100+0.4466i	-0.7815-0.1744i
19.9	0.0229-0.0092i	0.0200-0.0065i	0.0340-0.0094i	-0.0030-0.0009i	8.0454+0.6441i	-2.2938-0.3830i	0.8339+0.4470i	-0.7951-0.2028i
20.0	0.0216-0.0102i	0.0191-0.0078i	0.0331-0.0101i	-0.0034-0.0013i	7.6886+0.6366i	-2.2537-0.4200i	0.6146+0.4451i	-0.8099-0.2361i
20.1	0.0202-0.0105i	0.0175-0.0082i	0.0322-0.0109i	-0.0040-0.0019i	7.4591+0.6049i	-2.2615-0.4386i	0.4573+0.4327i	-0.8450-0.2518i
20.2	0.0197-0.0104i	0.0170-0.0085i	0.0317-0.0106i	-0.0043-0.0020i	7.2735+0.6262i	-2.2625-0.4417i	0.3114+0.4555i	-0.8674-0.2477i
20.3	0.0190-0.0092i	0.0161-0.0074i	0.0309-0.0100i	-0.0049-0.0011i	6.9904+0.6657i	-2.2280-0.4152i	0.1416+0.4661i	-0.8704-0.2252i
20.4	0.0187-0.0077i	0.0161-0.0057i	0.0306-0.0089i	-0.0048-0.0004i	6.7418+0.7020i	-2.2071-0.3777i	-0.0258+0.5041i	-0.8752-0.1904i
20.5	0.0203-0.0087i	0.0173-0.0068i	0.0316-0.0094i	-0.0039-0.0011i	6.5880+0.7390i	-2.1675-0.3752i	-0.1328+0.5315i	-0.8580-0.1906i
20.6	0.0200-0.0079i	0.0171-0.0060i	0.0316-0.0089i	-0.0043-0.0008i	6.4110+0.7549i	-2.1407-0.3561i	-0.2549+0.5503i	-0.8604-0.1767i
20.7	0.0204-0.0079i	0.0175-0.0062i	0.0321-0.0090i	-0.0044-0.0008i	6.2988+0.8049i	-2.1039-0.3431i	-0.3416+0.5598i	-0.8457-0.1649i
20.8	0.0218-0.0081i	0.0196-0.0064i	0.0331-0.0091i	-0.0036-0.0007i	6.1412+0.8193i	-2.0180-0.3263i	-0.4585+0.5546i	-0.8078-0.1517i
20.9	0.0219-0.0087i	0.0200-0.0068i	0.0335-0.0095i	-0.0034-0.0010i	6.0427+0.7297i	-1.9577-0.3384i	-0.5520+0.5405i	-0.7768-0.1651i
21.0	0.0218-0.0096i	0.0189-0.0081i	0.0330-0.0104i	-0.0040-0.0015i	5.8088+0.7238i	-1.9466-0.3734i	-0.6712+0.5202i	-0.7894-0.1968i
21.1	0.0231-0.0092i	0.0206-0.0085i	0.0341-0.0104i	-0.0029-0.0015i	5.6633+0.6843i	-1.8998-0.3922i	-0.7689+0.5115i	-0.7681-0.2095i
21.2	0.0218-0.0091i	0.0195-0.0086i	0.0330-0.0105i	-0.0036-0.0016i	5.5582+0.6402i	-1.9245-0.3680i	-0.8442+0.4764i	-0.7918-0.1965i
21.3	0.0214-0.0112i	0.0193-0.0107i	0.0330-0.0121i	-0.0039-0.0023i	5.4161+0.5692i	-1.8974-0.3761i	-0.9543+0.4291i	-0.7983-0.2106i
21.4	0.0206-0.0116i	0.0185-0.0105i	0.0325-0.0127i	-0.0045-0.0019i	5.2821+0.5026i	-1.8694-0.3753i	-1.0552+0.3849i	-0.7967-0.2183i
21.5	0.0205-0.0119i	0.0179-0.0117i	0.0320-0.0131i	-0.0044-0.0021i	5.1105+0.4588i	-1.8665-0.3859i	-1.1501+0.3614i	-0.8092-0.2289i
21.6	0.0205-0.0134i	0.0168-0.0136i	0.0313-0.0140i	-0.0044-0.0028i	4.8960+0.4046i	-1.8579-0.3907i	-1.2750+0.3082i	-0.8145-0.2397i
21.7	0.0216-0.0154i	0.0176-0.0159i	0.0319-0.0155i	-0.0034-0.0037i	4.7778+0.3090i	-1.8221-0.3931i	-1.3640+0.2624i	-0.7997-0.2564i
21.8	0.0216-0.0168i	0.0180-0.0176i	0.0316-0.0167i	-0.0033-0.0048i	4.6025+0.2348i	-1.7938-0.4044i	-1.4946+0.2459i	-0.7961-0.2685i
21.9	0.0193-0.0158i	0.0148-0.0157i	0.0296-0.0161i	-0.0047-0.0045i	4.4227+0.2384i	-1.7887-0.3691i	-1.6248+0.2434i	-0.8128-0.2439i
22.0	0.0171-0.0143i	0.0119-0.0144i	0.0275-0.0153i	-0.0056-0.0037i	4.2282+0.2457i	-1.8016-0.3413i	-1.7333+0.2397i	-0.8428-0.2206i
22.1	0.0178-0.0157i	0.0124-0.0161i	0.0274-0.0156i	-0.0050-0.0046i	4.0560+0.2487i	-1.7721-0.3399i	-1.8452+0.2285i	-0.8456-0.2239i
22.2	0.0156-0.0139i	0.0104-0.0138i	0.0259-0.0141i	-0.0060-0.0034i	3.8727+0.2443i	-1.7619-0.3059i	-1.9812+0.2065i	-0.8582-0.1951i
22.3	0.0147-0.0126i	0.0085-0.0119i	0.0251-0.0130i	-0.0069-0.0025i	3.7049+0.2324i	-1.7367-0.2658i	-2.0823+0.2106i	-0.8540-0.1706i
22.4	0.0162-0.0119i	0.0095-0.0109i	0.0255-0.0120i	-0.0061-0.0030i	3.5927+0.2277i	-1.6761-0.2474i	-2.1942+0.2221i	-0.8294-0.1607i
22.5	0.0160-0.0123i	0.0094-0.0113i	0.0254-0.0122i	-0.0060-0.0040i	3.4422+0.2487i	-1.6482-0.2561i	-2.2948+0.2284i	-0.8266-0.1590i
22.6	0.0168-0.0109i	0.0109-0.0095i	0.0263-0.0111i	-0.0054-0.0030i	3.2980+0.2508i	-1.6096-0.2347i	-2.3727+0.2512i	-0.8056-0.1389i
22.7	0.0193-0.0110i	0.0133-0.0092i	0.0279-0.0104i	-0.0040-0.0027i	3.1679+0.2719i	-1.5518-0.2289i	-2.4561+0.2599i	-0.7661-0.1322i
22.8	0.0212-0.0128i	0.0150-0.0104i	0.0292-0.0111i	-0.0029-0.0039i	3.0650+0.2760i	-1.5031-0.2423i	-2.5375+0.2482i	-0.7435-0.1472i
22.9	0.0210-0.0158i	0.0148-0.0143i	0.0294-0.0134i	-0.0029-0.0068i	2.9658+0.2869i	-1.4918-0.2654i	-2.5979+0.2407i	-0.7432-0.1709i
23.0	0.0217-0.0171i	0.0158-0.0158i	0.0303-0.0140i	-0.0027-0.0078i	2.8876+0.2666i	-1.4490-0.2715i	-2.6665+0.2596i	-0.7256-0.1767i
23.1	0.0194-0.0194i	0.0137-0.0182i	0.0289-0.0152i	-0.0045-0.0093i	2.7542+0.2870i	-1.4379-0.3071i	-2.7477+0.2811i	-0.7289-0.2052i
23.2	0.0171-0.0206i	0.0115-0.0192i	0.0274-0.0158i	-0.0060-0.0098i	2.6295+0.2763i	-1.4329-0.3181i	-2.8318+0.2709i	-0.7407-0.2130i
23.3	0.0151-0.0200i	0.0090-0.0187i	0.0263-0.0153i	-0.0073-0.0093i	2.5109+0.2809i	-1.4365-0.2945i	-2.9130+0.2571i	-0.7561-0.1996i
23.4	0.0134-0.0187i	0.0076-0.0170i	0.0259-0.0146i	-0.0086-0.0087i	2.4612+0.2732i	-1.4225-0.2778i	-2.9609+0.2651i	-0.7599-0.1821i
23.5	0.0127-0.0165i	0.0069-0.0149i	0.0256-0.0129i	-0.0097-0.0072i	2.3359+0.2763i	-1.4019-0.2558i	-3.0263+0.2637i	-0.7602-0.1653i
23.6	0.0121-0.0169i	0.0061-0.0155i	0.0253-0.0130i	-0.0104-0.0077i	2.1972+0.2662i	-1.3831-0.2530i	-3.1044+0.2450i	-0.7586-0.1703i
23.7	0.0110-0.0169i	0.0053-0.0152i	0.0248-0.0131i	-0.0112-0.0078i	2.1238+0.2596i	-1.3731-0.2525i	-3.1499+0.2379i	-0.7536-0.1641i
23.8	0.0110-0.0161i	0.0046-0.0147i	0.0248-0.0131i	-0.0114-0.0071i	2.0040+0.2371i	-1.3356-0.2482i	-3.2333+0.2500i	-0.7361-0.1591i
23.9	0.0106-0.0159i	0.0043-0.0140i	0.0248-0.0130i	-0.0117-0.0068i	1.9119+0.2426i	-1.2987-0.2430i	-3.3153+0.2298i	-0.7219-0.1618i
24.0	0.0096-0.0149i	0.0038-0.0135i	0.0250-0.0129i	-0.0124-0.0065i	1.8476+0.2524i	-1.2614-0.2382i	-3.3796+0.2272i	-0.7044-0.1622i
24.1	0.0100-0.0129i	0.0032-0.0111i	0.0244-0.0114i	-0.0122-0.0053i	1.7572+0.2013i	-1.2304-0.2486i	-3.4360+0.2138i	-0.6932-0.1687i
24.2	0.0101-0.0125i	0.0029-0.0105i	0.0241-0.0111i	-0.0126-0.0046i	1.6350+0.2005i	-1.2171-0.2481i	-3.5105+0.1992i	-0.6879-0.1702i
24.3	0.0104-0.0122i	0.0032-0.0098i	0.0244-0.0109i	-0.0125-0.0044i	1.5401+0.2253i	-1.2072-0.2466i	-3.5755+0.2161i	-0.6915-0.1644i
24.4	0.0109-0.0113i	0.0036-0.0090i	0.0245-0.0106i	-0.0123-0.0039i	1.4377+0.2370i	-1.1863-0.2512i	-3.6409+0.2423i	-0.6904-0.1635i
24.5	0.0114-0.0103i	0.0042-0.0074i	0.0250-0.0095i	-0.0121-0.0026i	1.3376+0.2216i	-1.1684-0.2595i	-3.7169+0.2181i	-0.6862-0.1723i

24.6	0.0113-0.0102i	0.0045-0.0068i	0.0254-0.0093i	-0.0119-0.0024i	1.2531+0.2256i	-1.1727-0.2589i	-3.7678+0.2258i	-0.6983-0.1757i
24.7	0.0111-0.0105i	0.0046-0.0067i	0.0255-0.0094i	-0.0123-0.0023i	1.2040+0.2249i	-1.1744-0.2656i	-3.8091+0.2557i	-0.7084-0.1722i
24.8	0.0122-0.0098i	0.0058-0.0061i	0.0263-0.0092i	-0.0114-0.0020i	1.0913+0.2143i	-1.1420-0.2549i	-3.8739+0.2386i	-0.6903-0.1647i
24.9	0.0130-0.0091i	0.0064-0.0056i	0.0271-0.0088i	-0.0116-0.0020i	1.0057+0.2252i	-1.1357-0.2390i	-3.9358+0.2343i	-0.6861-0.1572i
25.0	0.0133-0.0082i	0.0075-0.0047i	0.0279-0.0084i	-0.0118-0.0011i	0.8831+0.2218i	-1.1037-0.2011i	-4.0009+0.2293i	-0.6732-0.1300i
25.1	0.0137-0.0077i	0.0076-0.0044i	0.0280-0.0082i	-0.0115-0.0004i	0.8529+0.2112i	-1.0780-0.1882i	-4.0402+0.2074i	-0.6649-0.1235i
25.2	0.0150-0.0078i	0.0088-0.0036i	0.0289-0.0085i	-0.0106+0.0002i	0.7857+0.2082i	-1.0425-0.1841i	-4.1003+0.2094i	-0.6471-0.1121i
25.3	0.0157-0.0077i	0.0099-0.0038i	0.0296-0.0087i	-0.0100+0.0003i	0.6863+0.2304i	-1.0204-0.1918i	-4.1681+0.2188i	-0.6284-0.1145i
25.4	0.0157-0.0077i	0.0104-0.0041i	0.0299-0.0088i	-0.0099+0.0003i	0.5883+0.2201i	-1.0009-0.1994i	-4.2285+0.2408i	-0.6239-0.1241i
25.5	0.0164-0.0076i	0.0107-0.0038i	0.0298-0.0085i	-0.0094+0.0003i	0.5070+0.2273i	-0.9783-0.1895i	-4.2870+0.2544i	-0.6233-0.1154i
25.6	0.0172-0.0070i	0.0110-0.0031i	0.0302-0.0085i	-0.0092+0.0010i	0.4461+0.2534i	-0.9518-0.1614i	-4.3274+0.2354i	-0.6080-0.0896i
25.7	0.0183-0.0060i	0.0121-0.0029i	0.0312-0.0082i	-0.0082+0.0021i	0.3601+0.2858i	-0.9122-0.1360i	-4.3895+0.2344i	-0.5783-0.0667i
25.8	0.0195-0.0056i	0.0142-0.0026i	0.0323-0.0081i	-0.0071+0.0020i	0.2868+0.2705i	-0.8441-0.1211i	-4.4633+0.2330i	-0.5344-0.0577i
25.9	0.0210-0.0058i	0.0151-0.0022i	0.0331-0.0080i	-0.0062+0.0021i	0.2165+0.2718i	-0.8002-0.1208i	-4.5237+0.2393i	-0.5076-0.0634i
26.0	0.0228-0.0051i	0.0168-0.0017i	0.0340-0.0080i	-0.0054+0.0026i	0.1662+0.2823i	-0.7546-0.1055i	-4.5737+0.2481i	-0.4762-0.0534i
26.1	0.0250-0.0045i	0.0195-0.0011i	0.0355-0.0084i	-0.0036+0.0035i	0.0512+0.2768i	-0.6835-0.1056i	-4.6269+0.2771i	-0.4235-0.0451i
26.2	0.0289-0.0052i	0.0241-0.0012i	0.0382-0.0086i	-0.0008+0.0033i	-0.0343+0.3445i	-0.5473-0.1275i	-4.7074+0.3007i	-0.3352-0.0545i
26.3	0.0320-0.0069i	0.0275-0.0022i	0.0402-0.0096i	0.0022+0.0028i	-0.0610+0.3574i	-0.4669-0.1781i	-4.7399+0.3219i	-0.2701-0.0956i
26.4	0.0345-0.0101i	0.0312-0.0051i	0.0422-0.0123i	0.0046+0.0005i	-0.0852+0.3781i	-0.4002-0.2676i	-4.7710+0.3514i	-0.2106-0.1664i
26.5	0.0371-0.0143i	0.0350-0.0094i	0.0437-0.0154i	0.0073-0.0027i	-0.1191+0.3545i	-0.3292-0.3700i	-4.7932+0.3641i	-0.1558-0.2502i
26.6	0.0377-0.0180i	0.0368-0.0143i	0.0444-0.0180i	0.0084-0.0057i	-0.1767+0.3404i	-0.3123-0.4884i	-4.8232+0.3784i	-0.1530-0.3441i
26.7	0.0369-0.0221i	0.0369-0.0199i	0.0441-0.0205i	0.0081-0.0094i	-0.2254+0.3183i	-0.3298-0.6127i	-4.8851+0.3798i	-0.1792-0.4500i
26.8	0.0363-0.0265i	0.0357-0.0261i	0.0432-0.0240i	0.0071-0.0131i	-0.2810+0.2964i	-0.3610-0.7226i	-4.9319+0.3591i	-0.2015-0.5399i
26.9	0.0360-0.0293i	0.0345-0.0301i	0.0428-0.0261i	0.0067-0.0153i	-0.3869+0.3041i	-0.4017-0.7721i	-4.9637+0.3416i	-0.2282-0.5926i
27.0	0.0352-0.0321i	0.0334-0.0337i	0.0418-0.0278i	0.0063-0.0179i	-0.4759+0.2992i	-0.4109-0.8274i	-5.0388+0.3460i	-0.2512-0.6419i
27.1	0.0347-0.0352i	0.0318-0.0378i	0.0411-0.0300i	0.0060-0.0209i	-0.5557+0.3054i	-0.4431-0.9076i	-5.0992+0.3777i	-0.2794-0.7056i
27.2	0.0341-0.0395i	0.0297-0.0427i	0.0403-0.0328i	0.0051-0.0241i	-0.6341+0.3177i	-0.4770-0.9993i	-5.1402+0.4103i	-0.3163-0.7756i
27.3	0.0321-0.0438i	0.0267-0.0470i	0.0386-0.0355i	0.0030-0.0273i	-0.6794+0.3244i	-0.5384-1.0795i	-5.1960+0.4367i	-0.3809-0.8480i
27.4	0.0286-0.0476i	0.0222-0.0509i	0.0363-0.0374i	-0.0001-0.0304i	-0.7279+0.3352i	-0.6299-1.1161i	-5.2216+0.4331i	-0.4543-0.8948i
27.5	0.0260-0.0518i	0.0184-0.0554i	0.0341-0.0403i	-0.0025-0.0337i	-0.8224+0.3757i	-0.7099-1.1832i	-5.2562+0.4480i	-0.5198-0.9480i
27.6	0.0212-0.0593i	0.0120-0.0617i	0.0305-0.0450i	-0.0062-0.0386i	-0.9304+0.3659i	-0.7969-1.2894i	-5.3234+0.4610i	-0.6188-1.0499i
27.7	0.0121-0.0641i	0.0032-0.0663i	0.0241-0.0476i	-0.0129-0.0423i	-1.0222+0.3863i	-0.9569-1.3847i	-5.3745+0.5084i	-0.7591-1.1114i
27.8	0.0007-0.0644i	-0.0085-0.0670i	0.0170-0.0473i	-0.0214-0.0429i	-1.1287+0.4484i	-1.1726-1.3853i	-5.3796+0.5322i	-0.9483-1.1121i
27.9	-0.0104-0.0583i	-0.0197-0.0607i	0.0098-0.0426i	-0.0297-0.0392i	-1.1866+0.4755i	-1.3464-1.2558i	-5.4125+0.5462i	-1.1085-1.0016i
28.0	-0.0188-0.0511i	-0.0281-0.0530i	0.0052-0.0380i	-0.0362-0.0343i	-1.1992+0.5264i	-1.4820-1.0914i	-5.4445+0.5781i	-1.2354-0.8574i
28.1	-0.0241-0.0423i	-0.0335-0.0437i	0.0018-0.0321i	-0.0409-0.0270i	-1.2493+0.5526i	-1.5760-0.9069i	-5.4643+0.5592i	-1.3228-0.7019i
28.2	-0.0264-0.0337i	-0.0366-0.0357i	-0.0003-0.0264i	-0.0428-0.0214i	-1.3455+0.5419i	-1.6146-0.7355i	-5.5250+0.5450i	-1.3537-0.5607i
28.3	-0.0244-0.0252i	-0.0362-0.0274i	0.0010-0.0207i	-0.0423-0.0163i	-1.4106+0.6157i	-1.5539-0.6014i	-5.5841+0.6053i	-1.3174-0.4413i
28.4	-0.0221-0.0214i	-0.0344-0.0222i	0.0032-0.0177i	-0.0418-0.0131i	-1.4493+0.6834i	-1.5029-0.5350i	-5.5896+0.6479i	-1.2772-0.3714i
28.5	-0.0198-0.0169i	-0.0317-0.0181i	0.0061-0.0150i	-0.0409-0.0095i	-1.4525+0.7076i	-1.4407-0.4581i	-5.6110+0.6454i	-1.2217-0.2965i
28.6	-0.0174-0.0117i	-0.0309-0.0116i	0.0077-0.0119i	-0.0402-0.0050i	-1.5257+0.6996i	-1.3877-0.3472i	-5.6789+0.6644i	-1.2034-0.2029i
28.7	-0.0150-0.0097i	-0.0293-0.0086i	0.0089-0.0107i	-0.0390-0.0029i	-1.5832+0.7391i	-1.3677-0.2956i	-5.7088+0.6917i	-1.1841-0.1565i
28.8	-0.0115-0.0080i	-0.0266-0.0064i	0.0112-0.0097i	-0.0371-0.0010i	-1.5927+0.8101i	-1.3188-0.2691i	-5.7281+0.7301i	-1.1339-0.1242i
28.9	-0.0087-0.0068i	-0.0240-0.0031i	0.0138-0.0089i	-0.0357+0.0007i	-1.5741+0.8250i	-1.2526-0.2319i	-5.7760+0.7460i	-1.0832-0.0962i
29.0	-0.0060-0.0052i	-0.0200-0.0007i	0.0161-0.0071i	-0.0333+0.0032i	-1.6301+0.8845i	-1.1431-0.2250i	-5.8158+0.7816i	-1.0071-0.0725i
29.1	-0.0037-0.0041i	-0.0173+0.0005i	0.0183-0.0062i	-0.0320+0.0045i	-1.6528+0.9345i	-1.1079-0.2184i	-5.8251+0.8417i	-0.9753-0.0654i
29.2	-0.0023-0.0042i	-0.0150+0.0010i	0.0200-0.0062i	-0.0312+0.0049i	-1.6587+0.9806i	-1.0862-0.2186i	-5.8551+0.9057i	-0.9510-0.0542i
29.3	-0.0004-0.0046i	-0.0122+0.0014i	0.0217-0.0070i	-0.0298+0.0054i	-1.6902+1.0353i	-1.0325-0.2036i	-5.8676+0.9213i	-0.9141-0.0459i
29.4	0.0019-0.0053i	-0.0101+0.0024i	0.0234-0.0076i	-0.0282+0.0066i	-1.6956+1.0937i	-1.0012-0.1702i	-5.8640+0.9619i	-0.8841-0.0252i
29.5	0.0034-0.0054i	-0.0079+0.0030i	0.0245-0.0081i	-0.0268+0.0075i	-1.7001+1.1505i	-0.9666-0.1841i	-5.8487+1.0179i	-0.8456-0.0216i
29.6	0.0034-0.0052i	-0.0053+0.0032i	0.0254-0.0082i	-0.0263+0.0082i	-1.7084+1.1575i	-0.9295-0.1965i	-5.8442+1.0352i	-0.8321-0.0245i
29.7	0.0040-0.0054i	-0.0036+0.0032i	0.0261-0.0085i	-0.0258+0.0084i	-1.6699+1.1573i	-0.9070-0.1740i	-5.8375+1.0150i	-0.8142-0.0175i
29.8	0.0050-0.0046i	-0.0017+0.0042i	0.0271-0.0088i	-0.0248+0.0089i	-1.6881+1.1758i	-0.8873-0.1937i	-5.8323+1.0871i	-0.7773-0.0111i
29.9	0.0055-0.0046i	0.0003+0.0046i	0.0280-0.0092i	-0.0234+0.0099i	-1.6627+1.2226i	-0.8591-0.1889i	-5.8227+1.1175i	-0.7532+0.0030i
30.0	0.0066-0.0052i	0.0026+0.0051i	0.0291-0.0102i	-0.0218+0.0105i	-1.6515+1.2209i	-0.8406-0.1631i	-5.8076+1.1100i	-0.7361+0.0087i
30.1	0.0074-0.0054i	0.0057+0.0044i	0.0302-0.0111i	-0.0205+0.0110i	-1.6277+1.1854i	-0.8099-0.1664i	-5.7958+1.1145i	-0.7103+0.0068i
30.2	0.0074-0.0054i	0.0096+0.0011i	0.0311-0.0124i	-0.0189+0.0106i	-1.6024+1.1842i	-0.7965-0.1923i	-5.7779+1.0978i	-0.6813-0.0052i
30.3	0.0065-0.0041i	0.0111-0.0027i	0.0309-0.0138i	-0.0178+0.0104i	-1.6023+1.1865i	-0.7808-0.1847i	-5.7769+1.0888i	-0.6753-0.0096i
30.4	0.0076-0.0023i	0.0110-0.0054i	0.0308-0.0145i	-0.0169+0.0101i	-1.6244+1.1533i	-0.7561-0.1853i	-5.7867+1.0964i	-0.6576-0.0170i
30.5	0.0112-0.0015i	0.0080-0.0081i	0.0305-0.0150i	-0.0157+0.0094i	-1.6316+1.2035i	-0.7282-0.2100i	-5.7716+1.1336i	-0.6308-0.0438i
30.6	0.0142-0.0018i	0.0065-0.0091i	0.0305-0.0153i	-0.0149+0.0095i	-1.6170+1.2079i	-0.7600-0.2367i	-5.7148+1.1627i	-0.6264-0.0574i
30.7	0.0147-0.0015i	0.0059-0.0075i	0.0304-0.0148i	-0.0148+0.0100i	-1.5848+1.1808i	-0.7331-0.2291i	-5.6906+1.1538i	-0.6117-0.0535i
30.8	0.0146-0.0017i	0.0056-0.0062i	0.0296-0.0141i	-0.0147+0.0102i	-1.5434+1.1343i	-0.7217-0.2049i	-5.6750+1.1042i	-0.6099-0.0432i

30.9	0.0161-0.0015i	0.0075-0.0059i	0.0306-0.0138i	-0.0129+0.0102i	-1.5530+1.0844i	-0.7098-0.2102i	-5.6586+1.0809i	-0.5779-0.0450i
31.0	0.0163-0.0015i	0.0081-0.0051i	0.0311-0.0137i	-0.0123+0.0092i	-1.5343+1.0492i	-0.6898-0.1832i	-5.6500+1.0216i	-0.5542-0.0349i
31.1	0.0185-0.0009i	0.0099-0.0044i	0.0319-0.0132i	-0.0112+0.0091i	-1.5988+1.0207i	-0.6531-0.1826i	-5.6792+0.9818i	-0.5323-0.0259i
31.2	0.0209-0.0003i	0.0120-0.0043i	0.0335-0.0128i	-0.0092+0.0099i	-1.5686+0.9745i	-0.6044-0.1729i	-5.6810+0.9416i	-0.4926-0.0230i
31.3	0.0241-0.0024i	0.0143-0.0053i	0.0353-0.0137i	-0.0070+0.0089i	-1.5645+0.9376i	-0.5679-0.1743i	-5.7126+0.9160i	-0.4590-0.0383i
31.4	0.0269-0.0028i	0.0171-0.0063i	0.0371-0.0143i	-0.0055+0.0076i	-1.6339+0.8679i	-0.5101-0.1917i	-5.7626+0.8807i	-0.4134-0.0561i
31.5	0.0296-0.0050i	0.0194-0.0087i	0.0390-0.0158i	-0.0043+0.0063i	-1.6952+0.8222i	-0.4713-0.2341i	-5.8039+0.8509i	-0.3809-0.0931i
31.6	0.0297-0.0077i	0.0203-0.0107i	0.0397-0.0178i	-0.0041+0.0047i	-1.7574+0.7689i	-0.4541-0.2431i	-5.8332+0.8097i	-0.3826-0.1265i
31.7	0.0316-0.0072i	0.0209-0.0116i	0.0409-0.0181i	-0.0032+0.0046i	-1.8106+0.7420i	-0.4116-0.2632i	-5.8787+0.7867i	-0.3500-0.1477i
31.8	0.0335-0.0075i	0.0231-0.0135i	0.0421-0.0190i	-0.0016+0.0036i	-1.8516+0.7167i	-0.3658-0.2844i	-5.9343+0.7667i	-0.3113-0.1619i
31.9	0.0352-0.0112i	0.0246-0.0162i	0.0432-0.0206i	-0.0006+0.0009i	-1.9381+0.7159i	-0.3299-0.3262i	-5.9960+0.7435i	-0.2779-0.2096i
32.0	0.0372-0.0137i	0.0251-0.0192i	0.0440-0.0227i	0.0003-0.0008i	-1.9821+0.6549i	-0.3166-0.3703i	-6.0381+0.7324i	-0.2694-0.2554i
32.1	0.0389-0.0166i	0.0259-0.0224i	0.0452-0.0249i	0.0010-0.0024i	-2.0674+0.6496i	-0.2823-0.4311i	-6.1001+0.7428i	-0.2377-0.3132i
32.2	0.0369-0.0207i	0.0261-0.0270i	0.0448-0.0275i	0.0000-0.0053i	-2.1429+0.6703i	-0.2676-0.4827i	-6.1647+0.7527i	-0.2361-0.3676i
32.3	0.0355-0.0253i	0.0252-0.0310i	0.0443-0.0305i	-0.0014-0.0089i	-2.2527+0.6793i	-0.2892-0.5508i	-6.2156+0.7609i	-0.2653-0.4396i
32.4	0.0377-0.0298i	0.0254-0.0356i	0.0451-0.0337i	-0.0012-0.0122i	-2.2952+0.6506i	-0.2907-0.6424i	-6.2757+0.7677i	-0.2771-0.5235i
32.5	0.0389-0.0332i	0.0246-0.0394i	0.0460-0.0365i	-0.0016-0.0144i	-2.3913+0.6126i	-0.3036-0.7117i	-6.3414+0.7626i	-0.3012-0.5804i
32.6	0.0357-0.0366i	0.0225-0.0435i	0.0445-0.0389i	-0.0036-0.0170i	-2.5237+0.6149i	-0.3366-0.7782i	-6.4183+0.7612i	-0.3397-0.6484i
32.7	0.0311-0.0392i	0.0187-0.0468i	0.0419-0.0414i	-0.0073-0.0189i	-2.5664+0.6716i	-0.4035-0.8229i	-6.4819+0.8028i	-0.4100-0.6946i
32.8	0.0259-0.0437i	0.0159-0.0498i	0.0397-0.0440i	-0.0109-0.0208i	-2.6406+0.7376i	-0.4538-0.8514i	-6.5540+0.8381i	-0.4777-0.7167i
32.9	0.0205-0.0487i	0.0121-0.0538i	0.0372-0.0475i	-0.0153-0.0234i	-2.7196+0.7586i	-0.5224-0.9011i	-6.6342+0.8711i	-0.5570-0.7661i
33.0	0.0115-0.0483i	0.0048-0.0569i	0.0320-0.0495i	-0.0206-0.0239i	-2.7963+0.7607i	-0.6320-0.9188i	-6.6785+0.9001i	-0.6551-0.7740i
33.1	0.0040-0.0444i	-0.0005-0.0580i	0.0280-0.0494i	-0.0256-0.0217i	-2.8786+0.8185i	-0.7103-0.9028i	-6.7398+0.9673i	-0.7544-0.7508i
33.2	-0.0024-0.0384i	-0.0075-0.0570i	0.0234-0.0478i	-0.0314-0.0177i	-2.9788+0.9356i	-0.8284-0.8471i	-6.8233+1.0569i	-0.8787-0.7035i
33.3	-0.0073-0.0279i	-0.0153-0.0533i	0.0191-0.0436i	-0.0354-0.0122i	-3.0790+1.0578i	-0.9145-0.7608i	-6.8933+1.1353i	-0.9779-0.6055i
33.4	-0.0072-0.0193i	-0.0185-0.0487i	0.0179-0.0404i	-0.0360-0.0067i	-3.1012+1.1234i	-0.9463-0.6630i	-6.9217+1.2073i	-1.0153-0.4968i
33.5	-0.0025-0.0117i	-0.0186-0.0429i	0.0188-0.0372i	-0.0340-0.0007i	-3.0699+1.2071i	-0.9327-0.5463i	-6.9083+1.3055i	-0.9897-0.3634i
33.6	0.0029-0.0047i	-0.0185-0.0366i	0.0199-0.0329i	-0.0312+0.0053i	-3.0711+1.2946i	-0.8814-0.4412i	-6.8930+1.4008i	-0.9443-0.2481i
33.7	0.0088-0.0006i	-0.0170-0.0343i	0.0221-0.0313i	-0.0279+0.0088i	-3.0185+1.3836i	-0.8250-0.3842i	-6.8581+1.4738i	-0.8771-0.1789i
33.8	0.0139+0.0023i	-0.0146-0.0318i	0.0246-0.0301i	-0.0247+0.0110i	-3.0246+1.4559i	-0.7729-0.3222i	-6.8575+1.5434i	-0.8154-0.1265i
33.9	0.0230+0.0041i	-0.0084-0.0311i	0.0290-0.0299i	-0.0191+0.0119i	-3.0289+1.4946i	-0.6548-0.3236i	-6.8472+1.5946i	-0.7012-0.1219i
34.0	0.0310+0.0021i	-0.0038-0.0348i	0.0330-0.0320i	-0.0143+0.0103i	-3.0044+1.4766i	-0.5564-0.3549i	-6.8214+1.6247i	-0.5917-0.1499i
34.1	0.0366-0.0012i	-0.0015-0.0398i	0.0355-0.0351i	-0.0112+0.0079i	-2.9794+1.4846i	-0.4884-0.3902i	-6.8079+1.6540i	-0.5217-0.1956i
34.2	0.0417-0.0061i	-0.0010-0.0458i	0.0364-0.0394i	-0.0085+0.0041i	-2.9576+1.5003i	-0.4375-0.4780i	-6.8161+1.6808i	-0.4781-0.2768i
34.3	0.0441-0.0110i	-0.0038-0.0512i	0.0351-0.0433i	-0.0079+0.0002i	-2.9724+1.5161i	-0.4351-0.5498i	-6.8042+1.7145i	-0.4701-0.3431i
34.4	0.0461-0.0132i	-0.0076-0.0560i	0.0348-0.0459i	-0.0082-0.0018i	-3.0022+1.5641i	-0.4451-0.5951i	-6.8269+1.7390i	-0.4751-0.3939i
34.5	0.0474-0.0161i	-0.0109-0.0597i	0.0344-0.0478i	-0.0088-0.0036i	-3.0335+1.5528i	-0.4573-0.6498i	-6.8341+1.7766i	-0.4911-0.4360i
34.6	0.0501-0.0206i	-0.0158-0.0650i	0.0325-0.0527i	-0.0098-0.0063i	-3.0390+1.5882i	-0.4751-0.6923i	-6.8288+1.8627i	-0.5045-0.4847i
34.7	0.0514-0.0239i	-0.0209-0.0686i	0.0301-0.0556i	-0.0110-0.0085i	-3.0008+1.6520i	-0.4822-0.7417i	-6.8183+1.9229i	-0.5082-0.5198i
34.8	0.0532-0.0294i	-0.0281-0.0729i	0.0279-0.0592i	-0.0122-0.0113i	-2.9809+1.6566i	-0.5247-0.8038i	-6.8059+1.9874i	-0.5412-0.5676i
34.9	0.0544-0.0339i	-0.0354-0.0751i	0.0252-0.0616i	-0.0136-0.0123i	-2.9878+1.6992i	-0.5521-0.8434i	-6.7861+2.0315i	-0.5665-0.6096i
35.0	0.0552-0.0375i	-0.0463-0.0757i	0.0209-0.0635i	-0.0171-0.0130i	-2.9971+1.7757i	-0.5968-0.8890i	-6.7788+2.1054i	-0.6295-0.6368i
35.1	0.0537-0.0405i	-0.0553-0.0775i	0.0169-0.0657i	-0.0201-0.0146i	-3.0254+1.8127i	-0.6443-0.9185i	-6.8037+2.1526i	-0.6829-0.6759i
35.2	0.0518-0.0415i	-0.0688-0.0741i	0.0110-0.0653i	-0.0247-0.0136i	-3.0339+1.8931i	-0.7204-0.9154i	-6.7954+2.2321i	-0.7787-0.6709i
35.3	0.0521-0.0442i	-0.0788-0.0668i	0.0073-0.0639i	-0.0268-0.0111i	-3.0276+1.9025i	-0.7759-0.8833i	-6.7662+2.2923i	-0.8248-0.6293i
35.4	0.0534-0.0460i	-0.0859-0.0599i	0.0037-0.0622i	-0.0278-0.0081i	-3.0046+1.9898i	-0.7952-0.8724i	-6.7094+2.3617i	-0.8524-0.6017i
35.5	0.0547-0.0470i	-0.0913-0.0518i	0.0012-0.0599i	-0.0285-0.0056i	-2.9909+2.0475i	-0.8383-0.8554i	-6.6681+2.4359i	-0.8842-0.5719i
35.6	0.0556-0.0484i	-0.0973-0.0450i	-0.0010-0.0583i	-0.0290-0.0043i	-2.9902+2.0870i	-0.8735-0.8422i	-6.6264+2.4967i	-0.9016-0.5596i
35.7	0.0569-0.0510i	-0.1013-0.0323i	-0.0031-0.0549i	-0.0292-0.0007i	-2.9698+2.1636i	-0.8877-0.8082i	-6.5568+2.5805i	-0.9194-0.5270i
35.8	0.0589-0.0550i	-0.1044-0.0246i	-0.0048-0.0527i	-0.0289+0.0005i	-2.8941+2.1520i	-0.9113-0.7886i	-6.4670+2.6042i	-0.9244-0.4898i
35.9	0.0619-0.0579i	-0.1092-0.0159i	-0.0065-0.0509i	-0.0280+0.0030i	-2.8115+2.2227i	-0.9369-0.7643i	-6.3809+2.6960i	-0.9372-0.4458i
36.0	0.0650-0.0637i	-0.1113-0.0058i	-0.0070-0.0489i	-0.0258+0.0044i	-2.7343+2.2515i	-0.9524-0.7503i	-6.2963+2.7361i	-0.9319-0.4327i
36.1	0.0673-0.0675i	-0.1092+0.0026i	-0.0065-0.0469i	-0.0238+0.0056i	-2.6872+2.1992i	-0.9282-0.7240i	-6.2073+2.7064i	-0.9184-0.4150i
36.2	0.0694-0.0747i	-0.1084+0.0107i	-0.0062-0.0463i	-0.0218+0.0052i	-2.6641+2.2154i	-0.9376-0.7151i	-6.1369+2.7216i	-0.9165-0.3980i
36.3	0.0718-0.0835i	-0.1093+0.0206i	-0.0066-0.0455i	-0.0198+0.0056i	-2.5392+2.2210i	-0.9500-0.7014i	-6.0540+2.7622i	-0.9027-0.3883i
36.4	0.0733-0.0910i	-0.1096+0.0282i	-0.0077-0.0443i	-0.0189+0.0053i	-2.5412+2.1929i	-0.9365-0.6872i	-5.9940+2.7685i	-0.8992-0.3907i
36.5	0.0721-0.1014i	-0.1094+0.0348i	-0.0085-0.0444i	-0.0182+0.0036i	-2.5224+2.1762i	-0.9533-0.6976i	-5.9377+2.7676i	-0.9153-0.3943i
36.6	0.0671-0.1164i	-0.1082+0.0498i	-0.0104-0.0436i	-0.0180+0.0028i	-2.4061+2.1913i	-0.9949-0.6956i	-5.8314+2.8097i	-0.9489-0.3732i
36.7	0.0638-0.1265i	-0.1078+0.0611i	-0.0116-0.0424i	-0.0184+0.0021i	-2.4104+2.1990i	-1.0102-0.6964i	-5.7908+2.7932i	-0.9577-0.3909i
36.8	0.0599-0.1345i	-0.1057+0.0698i	-0.0129-0.0412i	-0.0185+0.0016i	-2.3991+2.1574i	-1.0307-0.6640i	-5.7337+2.7980i	-0.9543-0.3806i
36.9	0.0511-0.1487i	-0.1011+0.0828i	-0.0155-0.0399i	-0.0200+0.0002i	-2.3012+2.1351i	-1.0554-0.6576i	-5.6370+2.8174i	-0.9738-0.3618i
37.0	0.0390-0.1542i	-0.0916+0.0986i	-0.0166-0.0348i	-0.0210+0.0037i	-2.3079+2.1160i	-1.0751-0.6048i	-5.5807+2.7810i	-0.9971-0.2950i
37.1	0.0352-0.1596i	-0.0851+0.1122i	-0.0157-0.0317i	-0.0191+0.0060i	-2.3615+2.1028i	-1.0374-0.5642i	-5.5738+2.7917i	-0.9649-0.2609i

37.2	0.0312−0.1714i	−0.0767+0.1242i	−0.0135−0.0311i	−0.0163+0.0054i	−2.3354+2.1166i	−1.0181−0.5650i	−5.5330+2.8418i	−0.9301−0.2613i
37.3	0.0188−0.1894i	−0.0615+0.1395i	−0.0121−0.0308i	−0.0145+0.0038i	−2.3028+2.1795i	−1.0089−0.5731i	−5.4540+2.9079i	−0.8994−0.2556i
37.4	0.0016−0.2001i	−0.0443+0.1481i	−0.0124−0.0303i	−0.0144+0.0022i	−2.2038+2.1838i	−0.9959−0.5742i	−5.3288+2.9373i	−0.8843−0.2528i
37.5	−0.0214−0.2124i	−0.0225+0.1574i	−0.0128−0.0304i	−0.0141+0.0001i	−2.0985+2.1507i	−1.0192−0.5858i	−5.1603+2.9383i	−0.8845−0.2964i
37.6	−0.0539−0.2247i	0.0040+0.1644i	−0.0145−0.0314i	−0.0145−0.0027i	−1.9921+2.1037i	−1.0587−0.6198i	−4.9816+2.9490i	−0.9180−0.3198i
37.7	−0.0820−0.2315i	0.0237+0.1704i	−0.0175−0.0312i	−0.0176−0.0029i	−1.8760+2.1697i	−1.0976−0.6328i	−4.8640+3.0053i	−0.9654−0.3235i
37.8	−0.1287−0.2176i	0.0558+0.1653i	−0.0230−0.0268i	−0.0210−0.0015i	−1.8259+2.1496i	−1.1936−0.5857i	−4.6425+2.9661i	−1.0144−0.2991i
37.9	−0.1591−0.1948i	0.0808+0.1569i	−0.0237−0.0204i	−0.0229+0.0010i	−1.7306+2.0704i	−1.2232−0.5389i	−4.5075+2.8413i	−1.0521−0.2294i
38.0	−0.1816−0.1539i	0.1099+0.1364i	−0.0204−0.0123i	−0.0211+0.0050i	−1.6415+1.9236i	−1.2042−0.4331i	−4.3611+2.6613i	−1.0142−0.1184i
38.1	−0.1965−0.1145i	0.1335+0.1074i	−0.0162−0.0081i	−0.0184+0.0068i	−1.6428+1.7321i	−1.1713−0.3591i	−4.2417+2.4631i	−0.9643−0.0814i
38.2	−0.2019−0.0842i	0.1465+0.0818i	−0.0132−0.0063i	−0.0167+0.0069i	−1.6243+1.6754i	−1.1464−0.3424i	−4.1965+2.3580i	−0.9494−0.0873i
38.3	−0.1914−0.0549i	0.1460+0.0538i	−0.0088−0.0063i	−0.0145+0.0062i	−1.6611+1.6271i	−1.1208−0.3355i	−4.1968+2.2970i	−0.8927−0.0834i
38.4	−0.1772−0.0280i	0.1437+0.0245i	−0.0040−0.0069i	−0.0114+0.0042i	−1.7065+1.5589i	−1.0864−0.3596i	−4.1664+2.1843i	−0.8513−0.0952i
38.5	−0.1688−0.0053i	0.1420−0.0038i	−0.0014−0.0086i	−0.0096+0.0015i	−1.6265+1.4552i	−1.0730−0.3704i	−4.0599+2.1143i	−0.8421−0.1204i
38.6	−0.1596+0.0123i	0.1340−0.0235i	−0.0006−0.0095i	−0.0104+0.0006i	−1.5490+1.3549i	−1.1009−0.3528i	−3.9553+2.0153i	−0.8428−0.1210i
38.7	−0.1418+0.0268i	0.1190−0.0396i	0.0003−0.0100i	−0.0106+0.0000i	−1.5671+1.2868i	−1.0993−0.3383i	−3.8949+1.8904i	−0.8338−0.1145i
38.8	−0.1224+0.0363i	0.1021−0.0534i	0.0017−0.0110i	−0.0106−0.0024i	−1.6509+1.2577i	−1.1008−0.3481i	−3.9018+1.7782i	−0.8355−0.1299i
38.9	−0.1072+0.0428i	0.0869−0.0613i	0.0020−0.0105i	−0.0115−0.0034i	−1.6127+1.1666i	−1.1137−0.3318i	−3.8521+1.6323i	−0.8427−0.1305i
39.0	−0.0902+0.0499i	0.0705−0.0692i	0.0025−0.0106i	−0.0125−0.0049i	−1.5797+0.9960i	−1.1303−0.2898i	−3.7659+1.4554i	−0.8370−0.1206i
39.1	−0.0715+0.0493i	0.0542−0.0701i	0.0033−0.0115i	−0.0132−0.0054i	−1.6217+0.8736i	−1.1131−0.2491i	−3.7715+1.2794i	−0.8391−0.1102i
39.2	−0.0545+0.0475i	0.0390−0.0700i	0.0052−0.0113i	−0.0142−0.0053i	−1.6838+0.7840i	−1.1095−0.2427i	−3.7777+1.1094i	−0.8273−0.1017i
39.3	−0.0426+0.0429i	0.0279−0.0652i	0.0063−0.0110i	−0.0149−0.0048i	−1.6809+0.6473i	−1.1123−0.2132i	−3.7751+0.9785i	−0.8413−0.0876i
39.4	−0.0333+0.0355i	0.0197−0.0602i	0.0071−0.0121i	−0.0155−0.0050i	−1.7148+0.5363i	−1.1145−0.1782i	−3.7876+0.8195i	−0.8359−0.0665i
39.5	−0.0254+0.0303i	0.0135−0.0579i	0.0083−0.0127i	−0.0161−0.0060i	−1.7898+0.4511i	−1.1040−0.1633i	−3.7972+0.6695i	−0.8226−0.0568i
39.6	−0.0211+0.0215i	0.0087−0.0549i	0.0082−0.0149i	−0.0171−0.0070i	−1.8693+0.4074i	−1.1034−0.1456i	−3.8742+0.5171i	−0.8189−0.0592i
39.7	−0.0239+0.0174i	0.0057−0.0502i	0.0071−0.0150i	−0.0192−0.0059i	−2.0188+0.3104i	−1.0950−0.1133i	−3.9948+0.3837i	−0.8180−0.0457i
39.8	−0.0194+0.0213i	0.0040−0.0493i	0.0083−0.0134i	−0.0186−0.0037i	−2.0976+0.2425i	−1.0691−0.0821i	−4.0678+0.2727i	−0.8124−0.0075i
39.9	−0.0116+0.0171i	0.0008−0.0478i	0.0106−0.0142i	−0.0174−0.0045i	−2.1581+0.2114i	−1.0153−0.0606i	−4.1889+0.1805i	−0.7732+0.0115i
40.0	−0.0073+0.0107i	−0.0032−0.0456i	0.0117−0.0155i	−0.0168−0.0056i	−2.2317+0.1417i	−0.9971−0.0401i	−4.2687+0.0902i	−0.7421+0.0049i
40.1	−0.0029+0.0057i	−0.0086−0.0438i	0.0117−0.0163i	−0.0174−0.0056i	−2.3766+0.0994i	−0.9815−0.0439i	−4.3716+0.0337i	−0.7286−0.0111i
40.2	−0.0008+0.0033i	−0.0116−0.0420i	0.0120−0.0167i	−0.0182−0.0061i	−2.4578+0.0989i	−0.9587−0.0457i	−4.4581+0.0063i	−0.7117−0.0303i
40.3	−0.0009−0.0026i	−0.0099−0.0361i	0.0129−0.0169i	−0.0173−0.0057i	−2.5196+0.1762i	−0.9380−0.0636i	−4.5432+0.0142i	−0.6758−0.0204i
40.4	0.0029−0.0092i	−0.0108−0.0342i	0.0144−0.0191i	−0.0165−0.0064i	−2.6175+0.1640i	−0.8959−0.0574i	−4.6429−0.0616i	−0.6606−0.0164i
40.5	0.0041−0.0145i	−0.0154−0.0322i	0.0142−0.0204i	−0.0179−0.0079i	−2.6926+0.0546i	−0.8998−0.0463i	−4.7101−0.1255i	−0.6601−0.0484i
40.6	0.0031−0.0202i	−0.0162−0.0299i	0.0145−0.0211i	−0.0196−0.0090i	−2.7959−0.0099i	−0.8899−0.0691i	−4.7631−0.1690i	−0.6486−0.0801i
40.7	0.0031−0.0262i	−0.0198−0.0288i	0.0128−0.0234i	−0.0203−0.0107i	−2.8562+0.0069i	−0.8631−0.0725i	−4.8580−0.2370i	−0.6452−0.0751i
40.8	0.0002−0.0306i	−0.0202−0.0272i	0.0118−0.0246i	−0.0213−0.0116i	−2.9128+0.0442i	−0.8710−0.0657i	−4.9394−0.2543i	−0.6409−0.0889i
40.9	−0.0012−0.0365i	−0.0242−0.0244i	0.0105−0.0261i	−0.0230−0.0112i	−2.8919+0.0204i	−0.8793−0.0851i	−4.9930−0.2444i	−0.6485−0.1095i
41.0	−0.0035−0.0431i	−0.0291−0.0182i	0.0078−0.0262i	−0.0259−0.0116i	−3.0201−0.0293i	−0.8910−0.0752i	−5.0784−0.3058i	−0.6645−0.0922i
41.1	−0.0106−0.0459i	−0.0274−0.0145i	0.0061−0.0258i	−0.0279−0.0114i	−3.0561−0.0139i	−0.9053−0.0727i	−5.1124−0.3073i	−0.6571−0.0947i
41.2	−0.0162−0.0435i	−0.0301−0.0130i	0.0043−0.0250i	−0.0301−0.0094i	−3.1567+0.0076i	−0.8811−0.0650i	−5.2069−0.3240i	−0.6406−0.0807i
41.3	−0.0169−0.0431i	−0.0303−0.0108i	0.0040−0.0247i	−0.0306−0.0090i	−3.1372−0.0469i	−0.8647−0.0515i	−5.2489−0.3088i	−0.6556−0.0980i
41.4	−0.0190−0.0505i	−0.0335−0.0048i	0.0027−0.0260i	−0.0328−0.0093i	−3.2942−0.0079i	−0.8601−0.0469i	−5.3099−0.3155i	−0.6654−0.1162i
41.5	−0.0260−0.0540i	−0.0327+0.0048i	0.0014−0.0243i	−0.0341−0.0065i	−3.3379−0.0130i	−0.8569−0.0443i	−5.3607−0.3251i	−0.6567−0.1022i
41.6	−0.0331−0.0531i	−0.0260+0.0100i	0.0010−0.0223i	−0.0337−0.0041i	−3.3746−0.0266i	−0.8429−0.0583i	−5.4141−0.3199i	−0.6597−0.0956i
41.7	−0.0414−0.0514i	−0.0185+0.0133i	0.0002−0.0208i	−0.0343−0.0013i	−3.4478+0.0299i	−0.8313−0.0453i	−5.4778−0.3213i	−0.6616−0.0782i
41.8	−0.0442−0.0471i	−0.0151+0.0139i	0.0009−0.0194i	−0.0339+0.0001i	−3.4344−0.0110i	−0.8306−0.0143i	−5.5083−0.3130i	−0.6537−0.0516i
41.9	−0.0493−0.0465i	−0.0106+0.0127i	0.0006−0.0203i	−0.0336−0.0010i	−3.5013+0.0459i	−0.8017−0.0276i	−5.5569−0.2854i	−0.6047−0.0522i
42.0	−0.0528−0.0403i	−0.0088+0.0119i	0.0008−0.0183i	−0.0343+0.0008i	−3.5631+0.0435i	−0.7922−0.0316i	−5.5856−0.3103i	−0.5892−0.0459i
42.1	−0.0547−0.0365i	−0.0099+0.0118i	0.0001−0.0174i	−0.0353+0.0023i	−3.6318+0.0314i	−0.7969−0.0326i	−5.6200−0.3196i	−0.6143−0.0567i
42.2	−0.0577−0.0306i	−0.0118+0.0141i	−0.0018−0.0149i	−0.0376+0.0056i	−3.6332+0.0635i	−0.7877−0.0093i	−5.6572−0.2823i	−0.6277−0.0521i
42.3	−0.0595−0.0252i	−0.0087+0.0186i	−0.0006−0.0120i	−0.0380+0.0081i	−3.6480+0.0628i	−0.7823−0.0185i	−5.6565−0.2817i	−0.6061−0.0423i
42.4	−0.0604−0.0197i	−0.0062+0.0218i	0.0007−0.0096i	−0.0373+0.0103i	−3.6746+0.0175i	−0.8054−0.0190i	−5.6780−0.3158i	−0.6042−0.0384i
42.5	−0.0589−0.0163i	0.0022+0.0220i	0.0038−0.0089i	−0.0336+0.0122i	−3.7023+0.0366i	−0.7476−0.0036i	−5.7342−0.3192i	−0.5596−0.0484i
42.6	−0.0601−0.0109i	0.0065+0.0224i	0.0044−0.0071i	−0.0330+0.0139i	−3.7482+0.0101i	−0.7832−0.0073i	−5.7482−0.3390i	−0.5756−0.0517i
42.7	−0.0621−0.0063i	0.0115+0.0198i	0.0050−0.0070i	−0.0316+0.0139i	−3.8339+0.0644i	−0.7682+0.0062i	−5.8189−0.3388i	−0.5857−0.0507i
42.8	−0.0644+0.0002i	0.0180+0.0156i	0.0067−0.0055i	−0.0302+0.0155i	−3.9324+0.0318i	−0.7338+0.0270i	−5.8151−0.3039i	−0.5695−0.0165i
42.9	−0.0592+0.0117i	0.0174+0.0101i	0.0083−0.0034i	−0.0295+0.0167i	−3.9437+0.0069i	−0.7324+0.0225i	−5.7669−0.3212i	−0.5314−0.0062i
43.0	−0.0481+0.0179i	0.0167+0.0099i	0.0119−0.0018i	−0.0267+0.0190i	−3.9798−0.0452i	−0.7367+0.0489i	−5.8043−0.3482i	−0.4989−0.0031i
43.1	−0.0375+0.0163i	0.0209+0.0102i	0.0168−0.0033i	−0.0212+0.0194i	−4.0260+0.0052i	−0.6485+0.0469i	−5.8658−0.3725i	−0.4440−0.0352i
43.2	−0.0362+0.0144i	0.0240+0.0074i	0.0195−0.0046i	−0.0192+0.0183i	−4.0832+0.0080i	−0.6393+0.0418i	−5.9427−0.3792i	−0.4256−0.0292i
43.3	−0.0273+0.0153i	0.0193+0.0003i	0.0204−0.0075i	−0.0186+0.0161i	−4.1982−0.0355i	−0.6606+0.0230i	−5.9888−0.3748i	−0.4171−0.0527i
43.4	−0.0199+0.0106i	0.0131−0.0015i	0.0206−0.0099i	−0.0186+0.0131i	−4.1970−0.0506i	−0.6490−0.0016i	−5.9981−0.3432i	−0.4315−0.0817i

43.5	-0.0235+0.0085i	0.0117+0.0052i	0.0195-0.0091i	-0.0210+0.0153i	-4.2188+0.0098i	-0.6458+0.0265i	-5.9587-0.3328i	-0.4164-0.0631i
43.6	-0.0259+0.0101i	0.0152+0.0097i	0.0213-0.0079i	-0.0204+0.0184i	-4.2476-0.0086i	-0.6483+0.0367i	-5.9898-0.3867i	-0.3856-0.0202i
43.7	-0.0236+0.0106i	0.0212+0.0069i	0.0244-0.0097i	-0.0174+0.0179i	-4.4163+0.0096i	-0.6089+0.0217i	-6.0448-0.4390i	-0.3631-0.0520i
43.8	-0.0219+0.0129i	0.0224+0.0038i	0.0248-0.0113i	-0.0165+0.0179i	-4.5086-0.0219i	-0.6126+0.0213i	-6.1050-0.4240i	-0.3652-0.0824i
43.9	-0.0162+0.0133i	0.0209+0.0026i	0.0256-0.0128i	-0.0150+0.0187i	-4.5627+0.0403i	-0.5915+0.0168i	-6.1547-0.4158i	-0.3441-0.1270i
44.0	-0.0122+0.0146i	0.0196+0.0037i	0.0265-0.0119i	-0.0135+0.0200i	-4.5793+0.0832i	-0.5713+0.0348i	-6.2056-0.3867i	-0.3430-0.1071i
44.1	-0.0013+0.0120i	0.0193+0.0118i	0.0296-0.0095i	-0.0103+0.0214i	-4.6308+0.0502i	-0.5485+0.0353i	-6.1976-0.3529i	-0.2912-0.0768i
44.2	0.0009+0.0096i	0.0286+0.0152i	0.0333-0.0102i	-0.0061+0.0213i	-4.6315+0.0501i	-0.5320+0.0077i	-6.1890-0.3651i	-0.2449-0.0988i
44.3	0.0034+0.0040i	0.0390+0.0103i	0.0373-0.0142i	-0.0010+0.0181i	-4.6534+0.0521i	-0.4820-0.0050i	-6.2003-0.3660i	-0.2007-0.1622i
44.4	0.0045-0.0066i	0.0473+0.0046i	0.0396-0.0198i	0.0019+0.0131i	-4.6775+0.0412i	-0.4873-0.0397i	-6.2232-0.3382i	-0.1780-0.2243i
44.5	-0.0009-0.0079i	0.0508-0.0020i	0.0386-0.0231i	0.0016+0.0100i	-4.7581+0.1039i	-0.5092-0.0485i	-6.2464-0.3212i	-0.1956-0.2501i
44.6	-0.0010-0.0048i	0.0531-0.0138i	0.0388-0.0267i	0.0027+0.0078i	-4.7560+0.1896i	-0.5038-0.1160i	-6.3070-0.3152i	-0.2246-0.3008i
44.7	0.0012-0.0048i	0.0466-0.0199i	0.0372-0.0285i	0.0007+0.0066i	-4.8332+0.1630i	-0.5383-0.1093i	-6.2969-0.2948i	-0.2407-0.2933i
44.8	0.0022-0.0139i	0.0482-0.0239i	0.0377-0.0326i	0.0020+0.0024i	-4.9199+0.0970i	-0.5479-0.0955i	-6.2978-0.3052i	-0.2322-0.3402i
44.9	-0.0088-0.0166i	0.0413-0.0269i	0.0317-0.0344i	-0.0042-0.0004i	-4.9082+0.1260i	-0.5296-0.0875i	-6.2850-0.2722i	-0.2940-0.3652i
45.0	-0.0058-0.0087i	0.0424-0.0217i	0.0333-0.0308i	-0.0025+0.0029i	-4.9600+0.1555i	-0.5480-0.1075i	-6.2578-0.3006i	-0.2798-0.3549i
45.1	-0.0043-0.0157i	0.0438-0.0271i	0.0337-0.0356i	-0.0014-0.0006i	-5.0493+0.1657i	-0.5508-0.1299i	-6.2683-0.2851i	-0.2779-0.3855i
45.2	-0.0104-0.0141i	0.0456-0.0300i	0.0316-0.0360i	-0.0034-0.0008i	-5.1104+0.1464i	-0.5284-0.1165i	-6.2417-0.2804i	-0.2812-0.3759i
45.3	-0.0089-0.0038i	0.0497-0.0349i	0.0336-0.0344i	-0.0011+0.0012i	-5.1420+0.0924i	-0.5241-0.0849i	-6.2354-0.3022i	-0.2279-0.3544i
45.4	-0.0029-0.0017i	0.0453-0.0448i	0.0334-0.0372i	-0.0012-0.0005i	-5.1701+0.1012i	-0.5460-0.0998i	-6.2469-0.3034i	-0.2210-0.3842i
45.5	0.0003-0.0046i	0.0398-0.0477i	0.0327-0.0396i	-0.0014-0.0026i	-5.1458+0.1359i	-0.5310-0.1404i	-6.2412-0.2643i	-0.2443-0.4373i
45.6	0.0028-0.0016i	0.0323-0.0484i	0.0310-0.0395i	-0.0046-0.0030i	-5.2817+0.1470i	-0.4856-0.1029i	-6.1987-0.3036i	-0.2405-0.4413i
45.7	0.0178+0.0033i	0.0303-0.0407i	0.0343-0.0360i	-0.0003+0.0019i	-5.4054+0.2243i	-0.4783-0.1354i	-6.2473-0.3398i	-0.2017-0.4319i
45.8	0.0331-0.0089i	0.0386-0.0397i	0.0424-0.0387i	0.0086-0.0019i	-5.3721+0.1670i	-0.4927-0.1494i	-6.2325-0.2881i	-0.1429-0.4685i
45.9	0.0299-0.0315i	0.0431-0.0506i	0.0429-0.0505i	0.0092-0.0124i	-5.4067+0.1099i	-0.4846-0.1812i	-6.1979-0.2765i	-0.1450-0.5671i
46.0	0.0203-0.0339i	0.0440-0.0572i	0.0402-0.0544i	0.0063-0.0145i	-5.5014+0.1068i	-0.4988-0.2078i	-6.1430-0.3476i	-0.1587-0.6141i
46.1	0.0246-0.0376i	0.0495-0.0721i	0.0434-0.0614i	0.0092-0.0197i	-5.5285+0.2029i	-0.5011-0.2220i	-6.1597-0.3836i	-0.1518-0.6886i
46.2	0.0178-0.0402i	0.0296-0.0840i	0.0334-0.0679i	0.0016-0.0237i	-5.5726+0.1226i	-0.5489-0.2337i	-6.1416-0.3833i	-0.2701-0.7571i
46.3	0.0278-0.0444i	0.0162-0.0755i	0.0309-0.0659i	0.0008-0.0234i	-5.6441+0.1222i	-0.5457-0.1851i	-6.1455-0.4031i	-0.2914-0.7324i
46.4	0.0176-0.0710i	0.0132-0.0810i	0.0250-0.0770i	-0.0035-0.0333i	-5.6792+0.0935i	-0.5596-0.2542i	-6.1298-0.3959i	-0.3224-0.8428i
46.5	-0.0081-0.0641i	-0.0011-0.0760i	0.0105-0.0728i	-0.0151-0.0296i	-5.7273+0.1463i	-0.6116-0.2637i	-6.1261-0.4006i	-0.4556-0.8266i
46.6	-0.0134-0.0531i	-0.0054-0.0672i	0.0065-0.0653i	-0.0171-0.0232i	-5.7687+0.1819i	-0.6534-0.2315i	-6.1231-0.4242i	-0.5042-0.7507i
46.7	-0.0105-0.0428i	-0.0029-0.0600i	0.0075-0.0601i	-0.0156-0.0184i	-5.8834+0.2224i	-0.6208-0.2013i	-6.0878-0.4645i	-0.5050-0.6797i
46.8	-0.0013-0.0427i	0.0038-0.0591i	0.0127-0.0577i	-0.0111-0.0161i	-5.9520+0.2343i	-0.5935-0.1937i	-6.0081-0.4971i	-0.4820-0.6858i
46.9	0.0074-0.0575i	0.0104-0.0658i	0.0164-0.0653i	-0.0061-0.0235i	-5.9661+0.1706i	-0.5810-0.2110i	-5.9762-0.5830i	-0.4655-0.7515i
47.0	-0.0084-0.0719i	0.0040-0.0743i	0.0080-0.0734i	-0.0131-0.0322i	-6.1001+0.1638i	-0.5718-0.2253i	-5.9590-0.6409i	-0.5274-0.8059i
47.1	-0.0303-0.0485i	-0.0061-0.0639i	-0.0030-0.0614i	-0.0223-0.0227i	-6.2132+0.2482i	-0.6154-0.1889i	-5.9468-0.6669i	-0.6559-0.7072i
47.2	-0.0236-0.0418i	-0.0044-0.0625i	0.0007-0.0575i	-0.0183-0.0196i	-6.1813+0.1978i	-0.6639-0.1711i	-5.9231-0.7461i	-0.6471-0.6821i
47.3	-0.0169-0.0445i	-0.0047-0.0643i	0.0020-0.0574i	-0.0166-0.0211i	-6.2486+0.1646i	-0.6920-0.1302i	-5.9191-0.7970i	-0.6438-0.6494i
47.4	-0.0119-0.0479i	-0.0034-0.0671i	0.0019-0.0584i	-0.0155-0.0238i	-6.3330+0.1425i	-0.6535-0.1380i	-5.9042-0.8591i	-0.6352-0.6370i
47.5	-0.0139-0.0557i	-0.0049-0.0700i	0.0016-0.0609i	-0.0151-0.0281i	-6.3363+0.1686i	-0.6322-0.1194i	-5.8950-0.8817i	-0.6106-0.6478i
47.6	-0.0234-0.0665i	-0.0102-0.0767i	-0.0029-0.0661i	-0.0196-0.0343i	-6.4675+0.1879i	-0.6384-0.1210i	-5.8627-0.9525i	-0.6505-0.6816i
47.7	-0.0393-0.0608i	-0.0178-0.0744i	-0.0107-0.0629i	-0.0298-0.0328i	-6.5696+0.2597i	-0.6494-0.1243i	-5.8627-0.9937i	-0.7121-0.6499i
47.8	-0.0382-0.0483i	-0.0171-0.0717i	-0.0098-0.0571i	-0.0296-0.0268i	-6.6847+0.3155i	-0.6289-0.0950i	-5.8729-1.1017i	-0.6950-0.6008i
47.9	-0.0282-0.0513i	-0.0136-0.0753i	-0.0065-0.0575i	-0.0276-0.0271i	-6.6964+0.3374i	-0.5965-0.0875i	-5.9017-1.1813i	-0.6641-0.5929i
48.0	-0.0354-0.0535i	-0.0180-0.0794i	-0.0088-0.0608i	-0.0315-0.0307i	-6.7824+0.3532i	-0.5684-0.0924i	-5.8851-1.2570i	-0.6883-0.6125i
48.1	-0.0382-0.0457i	-0.0230-0.0768i	-0.0108-0.0574i	-0.0336-0.0280i	-6.9106+0.3774i	-0.5580-0.1098i	-5.9477-1.3147i	-0.6887-0.5873i
48.2	-0.0400-0.0468i	-0.0250-0.0813i	-0.0115-0.0595i	-0.0349-0.0302i	-7.0641+0.3699i	-0.5492-0.1326i	-5.9173-1.4100i	-0.6806-0.5850i
48.3	-0.0491-0.0429i	-0.0347-0.0802i	-0.0180-0.0580i	-0.0411-0.0293i	-7.0881+0.3741i	-0.5396-0.1169i	-5.8807-1.4324i	-0.7335-0.5778i
48.4	-0.0493-0.0323i	-0.0382-0.0736i	-0.0185-0.0515i	-0.0424-0.0235i	-7.2154+0.4679i	-0.5158-0.0534i	-5.8779-1.5324i	-0.7214-0.5309i
48.5	-0.0468-0.0312i	-0.0386-0.0729i	-0.0177-0.0505i	-0.0426-0.0227i	-7.2622+0.4060i	-0.5169-0.0428i	-5.9036-1.5915i	-0.6948-0.4958i
48.6	-0.0395-0.0344i	-0.0343-0.0777i	-0.0133-0.0533i	-0.0403-0.0249i	-7.3584+0.4080i	-0.4580-0.0590i	-5.8686-1.6695i	-0.6592-0.5022i
48.7	-0.0422-0.0386i	-0.0420-0.0837i	-0.0167-0.0561i	-0.0434-0.0269i	-7.4351+0.4037i	-0.4754-0.0213i	-5.8190-1.7465i	-0.6757-0.5366i
48.8	-0.0475-0.0331i	-0.0548-0.0785i	-0.0228-0.0521i	-0.0493-0.0238i	-7.6536+0.5934i	-0.4663-0.0339i	-5.8467-1.8769i	-0.6859-0.5292i
48.9	-0.0473-0.0191i	-0.0587-0.0708i	-0.0228-0.0445i	-0.0520-0.0165i	-7.8229+0.7296i	-0.3948-0.0443i	-5.8748-1.9993i	-0.7021-0.4698i
49.0	-0.0423-0.0177i	-0.0621-0.0686i	-0.0215-0.0432i	-0.0522-0.0136i	-7.9214+0.7561i	-0.3558-0.1244i	-5.9201-2.1275i	-0.6884-0.4428i
49.1	-0.0335-0.0124i	-0.0613-0.0658i	-0.0179-0.0416i	-0.0487-0.0108i	-8.0631+0.7109i	-0.3476-0.0983i	-5.8791-2.2622i	-0.6745-0.4348i
49.2	-0.0311-0.0102i	-0.0657-0.0596i	-0.0169-0.0419i	-0.0480-0.0110i	-8.0239+0.6660i	-0.4422-0.0289i	-5.8012-2.2583i	-0.6599-0.4465i
49.3	-0.0376-0.0257i	-0.0713-0.0620i	-0.0216-0.0484i	-0.0507-0.0166i	-8.1120+0.7654i	-0.3850-0.0964i	-5.8288-2.3965i	-0.6496-0.4895i
49.4	-0.0371-0.0320i	-0.0720-0.0640i	-0.0235-0.0497i	-0.0523-0.0177i	-8.2206+0.9070i	-0.3044-0.0848i	-5.8753-2.5548i	-0.6430-0.5022i
49.5	-0.0346-0.0262i	-0.0739-0.0581i	-0.0239-0.0427i	-0.0539-0.0106i	-8.2644+0.9091i	-0.3393-0.0927i	-5.8482-2.6486i	-0.6580-0.4796i
49.6	-0.0401-0.0269i	-0.0802-0.0545i	-0.0227-0.0415i	-0.0535-0.0105i	-8.4342+1.0544i	-0.2458-0.1376i	-5.8788-2.8767i	-0.6730-0.4707i
49.7	-0.0650-0.0193i	-0.0966-0.0479i	-0.0292-0.0537i	-0.0581-0.0214i	-8.6090+1.2268i	-0.2074-0.2170i	-5.9077-3.1299i	-0.6501-0.4857i

49.8	-0.0508-0.0276i	-0.0928-0.0541i	-0.0305-0.0512i	-0.0599-0.0173i	-8.6238+1.2271i	-0.2545-0.2049i	-5.8884-3.3069i	-0.6743-0.5269i
49.9	-0.0539-0.0248i	-0.0983-0.0513i	-0.0337-0.0434i	-0.0639-0.0099i	-8.7103+1.1237i	-0.2536-0.1272i	-5.8814-3.5105i	-0.7521-0.4888i
50.0	-0.0494-0.0232i	-0.1010-0.0445i	-0.0329-0.0375i	-0.0634-0.0043i	-8.7648+1.2383i	-0.3864-0.2635i	-6.0579-3.7371i	-0.7628-0.3850i
50.1	-0.0475-0.0256i	-0.1031-0.0386i	-0.0351-0.0371i	-0.0643-0.0019i	-8.8075+1.5578i	-0.2483-0.4802i	-6.2885-3.9848i	-0.7906-0.4184i
50.2	-0.0503-0.0172i	-0.1093-0.0263i	-0.0398-0.0320i	-0.0689+0.0021i	-9.0560+1.5951i	-0.1895-0.3148i	-6.3740-4.2849i	-0.7796-0.3755i
50.3	-0.0499-0.0143i	-0.1091-0.0172i	-0.0404-0.0247i	-0.0693+0.0092i	-9.1340+1.7082i	-0.0748-0.3324i	-6.5054-4.4581i	-0.7579-0.3851i
50.4	-0.0509-0.0085i	-0.1067-0.0055i	-0.0405-0.0170i	-0.0705+0.0166i	-9.1178+1.8477i	-0.0478-0.3767i	-6.6840-4.6314i	-0.7308-0.3557i
50.5	-0.0473+0.0012i	-0.0987+0.0049i	-0.0353-0.0145i	-0.0662+0.0199i	-9.2282+2.0365i	-0.0682-0.3974i	-6.9204-4.7956i	-0.6814-0.3112i
50.6	-0.0463+0.0034i	-0.0973+0.0068i	-0.0324-0.0155i	-0.0625+0.0203i	-9.2463+2.1440i	-0.1220-0.4893i	-7.1346-4.9445i	-0.6638-0.2995i
50.7	-0.0471+0.0022i	-0.1016+0.0075i	-0.0362-0.0145i	-0.0657+0.0210i	-9.3937+2.1160i	-0.1070-0.4375i	-7.2667-5.2091i	-0.6649-0.3134i
50.8	-0.0566+0.0134i	-0.1050+0.0224i	-0.0399-0.0050i	-0.0716+0.0294i	-9.5573+2.3933i	-0.0508-0.5069i	-7.5849-5.5156i	-0.6480-0.2269i
50.9	-0.0472+0.0314i	-0.0954+0.0360i	-0.0318+0.0061i	-0.0661+0.0419i	-9.5252+2.6789i	-0.0135-0.6881i	-8.0456-5.7245i	-0.5933-0.1483i
51.0	-0.0307+0.0327i	-0.0855+0.0434i	-0.0233+0.0063i	-0.0563+0.0443i	-9.5585+2.6581i	0.0219-0.6897i	-8.3908-5.9058i	-0.5494-0.1571i
51.1	-0.0239+0.0250i	-0.0756+0.0428i	-0.0189+0.0040i	-0.0502+0.0434i	-9.4026+2.9495i	-0.0854-0.7869i	-8.9971-5.7955i	-0.4377-0.1748i
51.2	-0.0185+0.0304i	-0.0672+0.0493i	-0.0145+0.0102i	-0.0470+0.0498i	-9.4459+3.1587i	-0.0120-0.9004i	-9.5274-5.8703i	-0.4056-0.1538i
51.3	-0.0121+0.0274i	-0.0597+0.0484i	-0.0099+0.0116i	-0.0422+0.0511i	-9.4463+3.1004i	-0.0136-0.9380i	-9.7667-5.8640i	-0.4100-0.1715i
51.4	-0.0127+0.0337i	-0.0566+0.0537i	-0.0075+0.0128i	-0.0383+0.0538i	-9.5931+3.1661i	-0.1058-1.0155i	-10.2171-5.8690i	-0.3948-0.1404i
51.5	-0.0131+0.0357i	-0.0547+0.0558i	-0.0050+0.0116i	-0.0342+0.0546i	-9.6642+3.2132i	-0.0941-1.0909i	-10.5903-5.7865i	-0.3586-0.1343i
51.6	-0.0077+0.0531i	-0.0485+0.0661i	-0.0035+0.0221i	-0.0332+0.0648i	-9.7601+3.3884i	-0.0414-1.2009i	-10.9855-5.6509i	-0.3786-0.0795i
51.7	0.0121+0.0739i	-0.0326+0.0813i	0.0099+0.0317i	-0.0219+0.0757i	-9.8828+3.5716i	-0.0158-1.1662i	-11.3184-5.6181i	-0.3043+0.0020i
51.8	0.0377+0.0675i	-0.0095+0.0735i	0.0254+0.0261i	-0.0032+0.0715i	-9.8320+3.6255i	-0.0416-1.3099i	-11.7387-5.3392i	-0.1516-0.0059i
51.9	0.0462+0.0529i	-0.0060+0.0541i	0.0255+0.0162i	0.0006+0.0595i	-9.6726+3.6474i	-0.2398-1.3236i	-11.8328-4.8296i	-0.1369-0.1114i
52.0	0.0528+0.0620i	-0.0137+0.0619i	0.0263+0.0218i	0.0007+0.0650i	-9.8708+3.7267i	-0.1527-1.3011i	-11.9381-4.8431i	-0.1544-0.0507i
52.1	0.0688+0.0694i	-0.0053+0.0711i	0.0352+0.0282i	0.0098+0.0724i	-10.0256+3.7569i	-0.0644-1.2811i	-11.9905-4.8618i	-0.0733-0.0174i
52.2	0.1020+0.0491i	0.0151+0.0582i	0.0518+0.0185i	0.0275+0.0634i	-9.9329+4.0153i	-0.2811-1.4680i	-12.2442-4.4594i	0.1628-0.0688i
52.3	0.1188+0.0077i	0.0238+0.0340i	0.0595-0.0035i	0.0386+0.0390i	-9.7890+4.3048i	-0.4548-1.6535i	-12.5246-4.0339i	0.2743-0.2441i
52.4	0.0985-0.0132i	0.0063+0.0232i	0.0480-0.0129i	0.0285+0.0265i	-9.5549+4.2420i	-0.6981-1.6081i	-12.3040-3.7477i	0.2107-0.3135i
52.5	0.1126-0.0146i	0.0191+0.0287i	0.0581-0.0110i	0.0371+0.0283i	-9.4715+4.4695i	-0.8249-1.7380i	-12.6093-3.6478i	0.3621-0.3043i
52.6	0.1182-0.0191i	0.0220+0.0290i	0.0625-0.0124i	0.0401+0.0269i	-9.6648+4.6304i	-0.7791-1.7407i	-12.9160-3.8016i	0.4149-0.3639i
52.7	0.1091-0.0220i	0.0104+0.0293i	0.0568-0.0128i	0.0324+0.0262i	-9.7334+4.5544i	-0.7513-1.6356i	-12.9677-3.7852i	0.3974-0.4162i
52.8	0.1415-0.0342i	0.0331+0.0346i	0.0767-0.0154i	0.0523+0.0240i	-9.5723+4.7929i	-1.0548-1.8190i	-13.3945-3.3134i	0.6387-0.4604i
52.9	0.1698-0.0558i	0.0555+0.0325i	0.0932-0.0238i	0.0692+0.0151i	-9.7636+4.9105i	-1.0021-1.8465i	-13.9013-3.2360i	0.7771-0.5633i
53.0	0.1634-0.0795i	0.0544+0.0249i	0.0900-0.0355i	0.0662+0.0031i	-9.9124+4.7194i	-0.9266-1.6987i	-13.9223-3.2495i	0.7539-0.7394i
53.1	0.1579-0.1030i	0.0611+0.0178i	0.0913-0.0469i	0.0654-0.0081i	-9.9522+4.8705i	-0.8714-1.7427i	-14.1488-2.9728i	0.7368-0.8833i
53.2	0.1501-0.1239i	0.0709+0.0072i	0.0923-0.0581i	0.0651-0.0186i	-10.0734+5.1025i	-0.8073-1.8891i	-14.4925-2.5613i	0.7267-0.9649i
53.3	0.1235-0.1409i	0.0632-0.0111i	0.0809-0.0704i	0.0536-0.0309i	-9.9093+4.9695i	-1.0316-1.8555i	-14.2914-2.0768i	0.6101-1.0920i
53.4	0.1158-0.1397i	0.0628-0.0141i	0.0796-0.0697i	0.0519-0.0312i	-10.0990+5.0274i	-1.0679-1.9321i	-14.3008-1.9295i	0.5725-1.1020i
53.5	0.1166-0.1477i	0.0610-0.0218i	0.0801-0.0746i	0.0501-0.0372i	-10.3279+5.1170i	-0.9707-1.9553i	-14.3756-1.8391i	0.5675-1.1638i
53.6	0.1019-0.1455i	0.0548-0.0165i	0.0726-0.0709i	0.0411-0.0345i	-10.4744+5.2457i	-0.7914-2.0929i	-14.4960-1.7544i	0.4813-1.1332i
53.7	0.1172-0.1514i	0.0728-0.0212i	0.0862-0.0743i	0.0527-0.0364i	-10.5301+5.6981i	-1.1877-2.6514i	-14.8409-1.1336i	0.6248-1.0937i
53.8	0.1170-0.1716i	0.0729-0.0349i	0.0871-0.0879i	0.0535-0.0484i	-10.3782+5.4840i	-1.6189-2.3930i	-14.3874-0.8338i	0.6948-1.2167i
53.9	0.1312-0.2101i	0.0965-0.0553i	0.1004-0.1082i	0.0675-0.0662i	-10.5584+6.0134i	-1.6903-2.7267i	-14.7021-0.3488i	0.8547-1.3762i
54.0	0.0969-0.2141i	0.0838-0.0609i	0.0843-0.1115i	0.0508-0.0701i	-10.5998+6.0003i	-1.7377-2.4842i	-14.4994-0.2011i	0.7759-1.5057i
54.1	0.0904-0.2035i	0.0840-0.0740i	0.0824-0.1119i	0.0480-0.0697i	-10.7371+6.1517i	-1.7278-2.6952i	-14.4277+0.0948i	0.7969-1.5597i
54.2	0.1119-0.2121i	0.0793-0.0855i	0.0878-0.1208i	0.0550-0.0754i	-10.6918+6.2349i	-2.2466-2.8213i	-14.0849+0.2585i	0.9161-1.6796i
54.3	0.1141-0.2658i	0.0857-0.1020i	0.0916-0.1447i	0.0587-0.1025i	-10.7258+6.2840i	-2.3294-2.5745i	-13.8912+0.2425i	0.9573-1.9836i
54.4	0.0991-0.3074i	0.0885-0.1297i	0.0894-0.1676i	0.0537-0.1259i	-10.9374+6.7751i	-2.5070-2.8347i	-14.0724+0.4494i	0.9357-2.1647i
54.5	0.0701-0.3517i	0.0820-0.1627i	0.0781-0.1952i	0.0411-0.1509i	-11.0366+7.2965i	-2.8496-3.1223i	-14.1979+0.7729i	0.8789-2.4115i
54.6	0.0252-0.3565i	0.0581-0.1747i	0.0558-0.2027i	0.0166-0.1546i	-10.9383+7.3983i	-3.1061-3.2358i	-13.9788+0.8677i	0.6867-2.5486i
54.7	-0.0183-0.3314i	0.0221-0.1719i	0.0302-0.1963i	-0.0089-0.1440i	-10.5222+7.3640i	-3.8742-2.9574i	-13.5242+1.0198i	0.4765-2.5877i
54.8	-0.0048-0.3527i	0.0360-0.1805i	0.0381-0.2087i	0.0008-0.1547i	-10.5153+7.5787i	-4.0533-2.5197i	-13.4160+1.1196i	0.5069-2.7250i
54.9	-0.0353-0.3746i	0.0229-0.1985i	0.0239-0.2229i	-0.0147-0.1682i	-10.4560+7.4585i	-4.0812-2.3246i	-13.2678+1.0343i	0.3258-2.8399i
55.0	-0.0659-0.3751i	0.0113-0.2102i	0.0098-0.2273i	-0.0296-0.1685i	-10.8213+7.5588i	-3.9946-2.5387i	-13.4615+0.9322i	0.1631-2.8443i
55.1	-0.1086-0.3533i	-0.0201-0.2063i	-0.0168-0.2208i	-0.0529-0.1589i	-10.8152+7.6829i	-4.3343-2.2096i	-13.4066+1.0226i	-0.0150-2.7749i
55.2	-0.1419-0.3325i	-0.0535-0.2036i	-0.0413-0.2140i	-0.0738-0.1523i	-10.6098+7.5076i	-4.6797-1.6404i	-12.9734+1.0338i	-0.1414-2.7731i
55.3	-0.1613-0.3193i	-0.0742-0.2055i	-0.0551-0.2108i	-0.0872-0.1478i	-10.8880+7.5970i	-4.8326-1.4753i	-12.9822+1.0024i	-0.2151-2.7446i
55.4	-0.1683-0.3089i	-0.0944-0.2000i	-0.0646-0.2060i	-0.0943-0.1429i	-11.0497+7.9116i	-5.2038-1.3369i	-13.0378+1.1328i	-0.1807-2.7791i
55.5	-0.1580-0.3148i	-0.0932-0.1850i	-0.0605-0.2054i	-0.0896-0.1412i	-11.6806+8.1284i	-5.2326-0.7492i	-13.1706+0.9028i	-0.1663-2.9472i
55.6	-0.1936-0.3308i	-0.1098-0.1979i	-0.0787-0.2145i	-0.1082-0.1512i	-11.7445+8.3303i	-5.2403-0.5931i	-13.0769+0.9388i	-0.3001-3.0594i
55.7	-0.2247-0.3180i	-0.1293-0.1919i	-0.0974-0.2083i	-0.1253-0.1427i	-11.7867+8.8118i	-5.3264-0.3542i	-13.1331+1.0884i	-0.4418-3.0068i
55.8	-0.2537-0.2972i	-0.1517-0.1786i	-0.1145-0.1972i	-0.1417-0.1309i	-11.8889+9.0376i	-5.4281+0.0423i	-13.1109+1.1382i	-0.4962-3.0339i
55.9	-0.2663-0.2728i	-0.1642-0.1633i	-0.1220-0.1844i	-0.1483-0.1172i	-11.8565+9.3525i	-5.4268+0.2996i	-13.0804+1.1613i	-0.5839-3.0755i
56.0	-0.2477-0.2694i	-0.1504-0.1634i	-0.1105-0.1860i	-0.1365-0.1151i	-12.2528+9.7161i	-5.3713+0.2419i	-13.2043+1.1899i	-0.5042-3.1373i

56.1	-0.2447-0.2828i	-0.1460-0.1743i	-0.1095-0.1963i	-0.1340-0.1237i	-12.4356+10.3717i	-5.0732+0.5037i	-13.3898+1.2753i	-0.5040-3.2825i
56.2	-0.2909-0.2664i	-0.1831-0.1638i	-0.1379-0.1881i	-0.1624-0.1146i	-12.1911+10.7220i	-5.1114+0.8293i	-13.1914+1.3821i	-0.6885-3.3542i
56.3	-0.3123-0.2557i	-0.2044-0.1545i	-0.1517-0.1825i	-0.1767-0.1077i	-12.4209+11.0161i	-5.3032+1.0753i	-13.1735+1.3573i	-0.7389-3.4434i
56.4	-0.3207-0.2275i	-0.2102-0.1363i	-0.1596-0.1682i	-0.1797-0.0922i	-12.1158+11.6350i	-5.0396+1.3015i	-13.2867+1.4107i	-0.9412-3.3260i
56.5	-0.3362-0.2160i	-0.2221-0.1255i	-0.1694-0.1630i	-0.1875-0.0836i	-12.4630+12.6062i	-5.0570+1.5054i	-13.5855+1.4888i	-1.0697-3.5073i
56.6	-0.3379-0.2026i	-0.2247-0.1151i	-0.1722-0.1548i	-0.1867-0.0764i	-12.2373+12.6342i	-5.0090+1.6643i	-13.3111+1.5069i	-1.0527-3.5405i
56.7	-0.3375-0.1740i	-0.2272-0.0965i	-0.1740-0.1413i	-0.1881-0.0614i	-11.8141+12.8609i	-4.7811+1.8400i	-13.0923+1.6411i	-1.1261-3.5528i
56.8	-0.3577-0.1624i	-0.2460-0.0858i	-0.1880-0.1338i	-0.1995-0.0521i	-11.4519+13.4111i	-5.0129+2.1504i	-13.1396+1.7979i	-1.3055-3.6089i
56.9	-0.3652-0.1426i	-0.2457-0.0687i	-0.1926-0.1232i	-0.1996-0.0398i	-11.3406+14.6878i	-4.7502+2.4176i	-13.5117+2.0258i	-1.4674-3.6254i
57.0	-0.3613-0.1118i	-0.2425-0.0492i	-0.1931-0.1077i	-0.1964-0.0242i	-10.3333+15.2079i	-4.5111+2.5333i	-13.4085+2.2915i	-1.6098-3.5663i
57.1	-0.3565-0.1179i	-0.2428-0.0544i	-0.1928-0.1120i	-0.1929-0.0275i	-10.0096+16.0706i	-4.6390+2.7376i	-13.4670+2.3993i	-1.7649-3.7562i
57.2	-0.3745-0.1366i	-0.2598-0.0623i	-0.2067-0.1229i	-0.2026-0.0368i	-10.1063+16.4087i	-4.4163+3.1331i	-13.5601+2.2628i	-1.8287-4.0012i
57.3	-0.3920-0.1172i	-0.2718-0.0483i	-0.2183-0.1112i	-0.2113-0.0269i	-9.2212+16.6569i	-4.2162+2.9832i	-13.3889+2.5893i	-2.0316-3.9660i
57.4	-0.4140-0.0902i	-0.2878-0.0249i	-0.2341-0.0943i	-0.2234-0.0110i	-8.7083+16.9561i	-4.2986+3.3406i	-13.3455+2.6003i	-2.2471-3.9840i
57.5	-0.4213-0.0746i	-0.2939-0.0093i	-0.2411-0.0838i	-0.2278-0.0016i	-8.5137+17.1541i	-4.3684+3.6196i	-13.3320+2.5391i	-2.3714-4.0022i
57.6	-0.4278-0.0568i	-0.3019+0.0037i	-0.2466-0.0743i	-0.2318+0.0068i	-7.7822+17.2835i	-4.3865+3.8357i	-13.1798+2.6444i	-2.5598-4.0414i
57.7	-0.4331-0.0422i	-0.3046+0.0137i	-0.2500-0.0668i	-0.2324+0.0133i	-7.2755+17.4687i	-4.4480+3.9277i	-13.0725+2.7520i	-2.7300-4.0596i
57.8	-0.4283-0.0304i	-0.2982+0.0193i	-0.2493-0.0592i	-0.2273+0.0190i	-6.1900+17.7524i	-4.3568+3.6620i	-12.8921+3.0977i	-2.9252-3.9648i
57.9	-0.4428-0.0095i	-0.3073+0.0461i	-0.2611-0.0442i	-0.2358+0.0335i	-6.1898+18.3065i	-4.0550+4.2819i	-13.1397+2.8671i	-3.1851-4.0630i
58.0	-0.4418+0.0191i	-0.3069+0.0704i	-0.2635-0.0246i	-0.2347+0.0487i	-5.2056+18.1592i	-3.8211+4.5191i	-12.9773+2.9919i	-3.3663-3.9037i
58.1	-0.4407+0.0527i	-0.2992+0.0942i	-0.2625-0.0042i	-0.2308+0.0662i	-4.1519+17.9672i	-3.5763+4.7231i	-12.8322+3.2184i	-3.5102-3.7210i
58.2	-0.4384+0.0654i	-0.2946+0.0937i	-0.2608+0.0002i	-0.2279+0.0689i	-3.7465+17.7447i	-3.5417+4.7814i	-12.6852+3.2124i	-3.6540-3.7421i
58.3	-0.4356+0.0919i	-0.3014+0.1136i	-0.2658+0.0164i	-0.2297+0.0838i	-3.5325+17.9266i	-3.2550+5.0918i	-12.7284+3.2621i	-3.8529-3.8097i
58.4	-0.4314+0.1128i	-0.3025+0.1353i	-0.2671+0.0314i	-0.2278+0.0969i	-3.0676+18.0279i	-3.0839+5.3302i	-12.6286+3.3909i	-4.0188-3.8140i
58.5	-0.4275+0.1299i	-0.3024+0.1542i	-0.2688+0.0438i	-0.2271+0.1057i	-2.3558+18.0654i	-2.9076+5.6321i	-12.6395+3.4063i	-4.2951-3.7647i
58.6	-0.4399+0.1477i	-0.3079+0.1735i	-0.2773+0.0585i	-0.2331+0.1157i	-1.7593+18.3074i	-2.6686+6.0041i	-12.7023+3.3294i	-4.7018-3.6958i
58.7	-0.4142+0.1650i	-0.2861+0.1815i	-0.2609+0.0719i	-0.2161+0.1240i	-0.5850+17.7929i	-2.5448+5.4473i	-12.3505+3.5812i	-4.9417-3.3794i
58.8	-0.3888+0.1844i	-0.2667+0.1993i	-0.2482+0.0864i	-0.2036+0.1361i	-0.3475+17.0270i	-2.0832+5.4244i	-12.1277+3.6673i	-4.9699-3.2947i
58.9	-0.3761+0.2082i	-0.2556+0.2213i	-0.2425+0.1028i	-0.1964+0.1485i	0.1018+16.7909i	-1.7429+5.6031i	-12.0660+3.6938i	-5.1885-3.1789i
59.0	-0.3673+0.2302i	-0.2479+0.2435i	-0.2382+0.1201i	-0.1896+0.1606i	0.8712+16.6376i	-1.5780+5.7888i	-11.8880+3.7657i	-5.5314-2.9441i
59.1	-0.3439+0.2397i	-0.2254+0.2533i	-0.2227+0.1312i	-0.1769+0.1665i	1.2557+16.1487i	-1.2540+5.6405i	-11.5669+3.7950i	-5.7267-2.7519i
59.2	-0.3246+0.2576i	-0.2059+0.2710i	-0.2099+0.1469i	-0.1655+0.1767i	1.7268+15.3565i	-0.8973+5.7957i	-11.4578+3.7224i	-5.8740-2.4053i
59.3	-0.3183+0.2704i	-0.1983+0.2834i	-0.2053+0.1575i	-0.1613+0.1830i	2.0342+14.7679i	-0.8882+6.1272i	-11.2019+3.4623i	-6.0917-2.0429i
59.4	-0.3063+0.2701i	-0.1841+0.2832i	-0.1968+0.1584i	-0.1543+0.1822i	2.1151+14.5052i	-0.9417+5.9894i	-11.0201+3.2507i	-6.3392-1.7152i
59.5	-0.2922+0.2813i	-0.1654+0.2978i	-0.1860+0.1696i	-0.1441+0.1898i	2.2941+14.1312i	-0.6225+6.3288i	-10.9924+2.9689i	-6.4471-1.2249i
59.6	-0.2704+0.3003i	-0.1424+0.3127i	-0.1711+0.1840i	-0.1310+0.2003i	2.7095+13.6199i	0.0625+6.5398i	-11.0343+2.8751i	-6.3477-0.7612i
59.7	-0.2437+0.3098i	-0.1146+0.3168i	-0.1513+0.1908i	-0.1143+0.2046i	2.8802+13.0594i	0.6523+6.4188i	-11.0720+2.7320i	-6.2036-0.3427i
59.8	-0.2296+0.3187i	-0.0940+0.3243i	-0.1379+0.2004i	-0.1031+0.2091i	3.0580+12.9928i	1.1461+6.5797i	-11.3486+2.4784i	-6.0932+0.1169i
59.9	-0.2251+0.3175i	-0.0925+0.3238i	-0.1369+0.2015i	-0.1061+0.2084i	2.4912+12.8058i	0.7266+6.3931i	-11.3939+2.3332i	-5.4891+0.3919i
60.0	-0.2084+0.3123i	-0.0752+0.3156i	-0.1246+0.1973i	-0.0967+0.2038i	2.2820+12.2362i	1.0533+5.9081i	-11.4245+2.2039i	-5.3533+0.7052i
60.1	-0.1840+0.3148i	-0.0462+0.3129i	-0.1041+0.1984i	-0.0786+0.2050i	2.8503+11.8911i	1.9047+5.9828i	-11.5198+2.3329i	-5.3855+0.6700i
60.2	-0.1623+0.3179i	-0.0231+0.3095i	-0.0877+0.1998i	-0.0645+0.2047i	3.1006+11.2116i	2.4702+5.6485i	-11.6441+2.3517i	-5.2513+0.8606i
60.3	-0.1603+0.3118i	-0.0163+0.3028i	-0.0844+0.1955i	-0.0631+0.2002i	2.9426+11.2094i	2.4994+5.5685i	-11.7890+2.3447i	-5.1237+0.8615i
60.4	-0.1388+0.3187i	0.0048+0.2992i	-0.0680+0.1987i	-0.0494+0.2014i	3.2477+10.5525i	2.9086+5.2661i	-11.8027+2.5351i	-4.8976+1.0224i
60.5	-0.1304+0.3191i	0.0199+0.2957i	-0.0590+0.1986i	-0.0425+0.2012i	3.2181+10.5290i	3.1739+5.1108i	-11.9714+2.4699i	-4.8674+1.1183i
60.6	-0.1279+0.3132i	0.0222+0.2843i	-0.0568+0.1920i	-0.0425+0.1964i	2.9846+10.4321i	3.1111+4.9190i	-12.0330+2.4013i	-4.7754+1.0878i
60.7	-0.1161+0.3172i	0.0322+0.2753i	-0.0498+0.1913i	-0.0373+0.1953i	3.0996+10.1466i	3.3052+4.6643i	-12.0653+2.5066i	-4.6879+1.2068i
60.8	-0.1072+0.3237i	0.0336+0.2754i	-0.0464+0.1945i	-0.0340+0.1974i	2.9970+9.9863i	3.5075+4.6299i	-12.0292+2.5947i	-4.5794+1.2391i
60.9	-0.0893+0.3139i	0.0372+0.2653i	-0.0366+0.1871i	-0.0259+0.1912i	2.6105+9.5639i	3.4556+4.2735i	-11.8869+2.5619i	-4.3762+1.2057i
61.0	-0.0638+0.3132i	0.0565+0.2654i	-0.0204+0.1882i	-0.0127+0.1904i	2.4910+9.3211i	3.7605+3.9595i	-11.8759+2.5627i	-4.3468+1.3908i
61.1	-0.0460+0.3099i	0.0694+0.2622i	-0.0095+0.1869i	-0.0037+0.1896i	2.3953+8.9239i	3.8962+3.7267i	-11.8272+2.5152i	-4.2425+1.4705i
61.2	-0.0255+0.2979i	0.0859+0.2483i	0.0047+0.1789i	0.0065+0.1821i	2.2484+8.4558i	4.0385+3.3504i	-11.7738+2.4429i	-4.0176+1.5827i
61.3	-0.0169+0.2865i	0.0927+0.2376i	0.0113+0.1721i	0.0120+0.1749i	1.7508+8.3260i	4.0240+3.1727i	-11.6678+2.3367i	-3.9075+1.5370i
61.4	0.0001+0.2814i	0.1114+0.2305i	0.0242+0.1697i	0.0232+0.1715i	1.6698+8.2479i	4.2801+2.8589i	-11.7457+2.2869i	-3.8745+1.7186i
61.5	0.0029+0.2689i	0.1119+0.2186i	0.0258+0.1607i	0.0242+0.1647i	1.6286+8.4214i	4.2380+2.5894i	-11.8455+2.2003i	-3.7889+1.7244i
61.6	-0.0032+0.2552i	0.1051+0.2106i	0.0215+0.1513i	0.0200+0.1583i	1.1549+8.6794i	4.0761+2.5308i	-11.9430+2.0718i	-3.7217+1.6414i
61.7	0.0073+0.2532i	0.1168+0.2073i	0.0305+0.1510i	0.0265+0.1573i	1.1013+8.4233i	4.2667+2.3051i	-11.9785+1.9869i	-3.6629+1.8060i
61.8	0.0150+0.2500i	0.1236+0.2050i	0.0354+0.1508i	0.0312+0.1566i	1.0650+8.1946i	4.4310+2.1653i	-11.9047+1.8857i	-3.6269+1.7694i
61.9	0.0220+0.2419i	0.1295+0.1929i	0.0401+0.1434i	0.0359+0.1524i	0.9031+8.3862i	4.4351+1.8801i	-12.0861+1.8256i	-3.4682+1.8254i
62.0	0.0253+0.2375i	0.1340+0.1870i	0.0430+0.1402i	0.0384+0.1493i	0.7725+8.7173i	4.4928+1.6420i	-12.3198+1.6130i	-3.4490+1.9332i
62.1	0.0318+0.2255i	0.1373+0.1733i	0.0476+0.1319i	0.0414+0.1424i	0.4853+8.4362i	4.5057+1.3370i	-12.2929+1.5314i	-3.1845+1.9027i
62.2	0.0263+0.2215i	0.1343+0.1728i	0.0449+0.1288i	0.0382+0.1403i	0.4374+8.5620i	4.3962+1.3232i	-12.3518+1.4554i	-3.1654+1.8273i
62.3	0.0302+0.2256i	0.1398+0.1740i	0.0470+0.1311i	0.0430+0.1403i	0.4472+8.9599i	4.4933+1.1559i	-12.6990+1.4709i	-3.1872+1.8332i

62.4	0.0376+0.2088i	0.1408+0.1543i	0.0510+0.1199i	0.0455+0.1302i	0.4727+8.9966i	4.3643+0.6339i	-12.7769+1.4317i	-2.8859+1.8402i
62.5	0.0518+0.2006i	0.1518+0.1385i	0.0601+0.1142i	0.0540+0.1245i	0.8572+9.0194i	4.3602+0.1298i	-13.0015+1.4822i	-2.6599+2.0109i
62.6	0.0485+0.2001i	0.1533+0.1419i	0.0588+0.1141i	0.0539+0.1253i	1.0668+9.3819i	4.2969+0.1658i	-13.1761+1.5010i	-2.7015+1.9724i
62.7	0.0532+0.1924i	0.1536+0.1334i	0.0628+0.1100i	0.0572+0.1193i	0.9953+9.6808i	4.2101-0.1957i	-13.4111+1.4185i	-2.6438+1.9243i
62.8	0.0585+0.1819i	0.1543+0.1207i	0.0658+0.1027i	0.0591+0.1115i	1.1790+9.7922i	3.9905-0.6135i	-13.7171+1.4918i	-2.5057+1.9281i
62.9	0.0629+0.1716i	0.1565+0.1110i	0.0695+0.0966i	0.0611+0.1055i	1.3839+9.6826i	3.8298-0.9471i	-14.0218+1.5150i	-2.3113+1.9366i
63.0	0.0624+0.1574i	0.1521+0.0948i	0.0695+0.0863i	0.0612+0.0958i	1.6611+9.4817i	3.4344-1.2286i	-14.1770+1.7610i	-2.0697+1.7564i
63.1	0.0577+0.1554i	0.1488+0.0937i	0.0675+0.0853i	0.0585+0.0940i	1.8420+9.7198i	3.2611-1.2037i	-14.2352+1.8137i	-2.1432+1.7131i
63.2	0.0595+0.1505i	0.1490+0.0894i	0.0687+0.0833i	0.0590+0.0898i	2.1216+9.5435i	3.0880-1.3630i	-14.3527+1.7861i	-2.1327+1.6117i
63.3	0.0607+0.1441i	0.1490+0.0827i	0.0699+0.0784i	0.0585+0.0848i	2.2435+9.3590i	2.8844-1.5277i	-14.4038+1.9450i	-2.0821+1.4675i
63.4	0.0574+0.1370i	0.1450+0.0757i	0.0687+0.0728i	0.0576+0.0802i	2.5137+9.3871i	2.4874-1.5882i	-14.6135+2.1183i	-2.0997+1.4332i
63.5	0.0585+0.1357i	0.1469+0.0727i	0.0703+0.0724i	0.0588+0.0799i	2.8154+9.2139i	2.3711-1.5816i	-14.7234+2.2587i	-2.0928+1.4001i
63.6	0.0638+0.1374i	0.1529+0.0710i	0.0760+0.0703i	0.0611+0.0799i	3.1801+8.8483i	2.3736-1.6445i	-14.7641+2.2956i	-2.1442+1.4337i
63.7	0.0549+0.1294i	0.1442+0.0709i	0.0713+0.0674i	0.0541+0.0767i	2.9796+8.7697i	2.0214-1.4838i	-14.9361+2.4653i	-2.2423+1.2995i
63.8	0.0508+0.1240i	0.1387+0.0675i	0.0678+0.0651i	0.0508+0.0734i	2.9358+8.4602i	1.7790-1.4658i	-15.0205+2.6979i	-2.1880+1.0883i
63.9	0.0438+0.1298i	0.1402+0.0737i	0.0661+0.0677i	0.0488+0.0769i	3.1933+8.4746i	1.6667-1.3211i	-15.0913+2.7378i	-2.4505+1.0598i
64.0	0.0472+0.1255i	0.1423+0.0661i	0.0694+0.0631i	0.0496+0.0743i	3.1898+8.1894i	1.5298-1.3294i	-15.1531+2.7477i	-2.4508+1.1119i
64.1	0.0511+0.1216i	0.1483+0.0545i	0.0751+0.0589i	0.0527+0.0686i	3.5371+7.7465i	1.4998-1.3100i	-15.2292+3.1132i	-2.2420+1.1992i
64.2	0.0513+0.1193i	0.1483+0.0494i	0.0742+0.0555i	0.0517+0.0669i	3.3722+7.4506i	1.4035-1.2091i	-15.3281+3.2960i	-2.2452+1.2227i
64.3	0.0517+0.1206i	0.1513+0.0453i	0.0767+0.0542i	0.0533+0.0649i	3.3688+7.3069i	1.2763-1.1320i	-15.5971+3.3623i	-2.3493+1.3500i
64.4	0.0491+0.1200i	0.1502+0.0424i	0.0768+0.0538i	0.0521+0.0639i	3.3274+7.2914i	1.2534-1.1121i	-15.6571+3.3041i	-2.4571+1.3987i
64.5	0.0461+0.1177i	0.1463+0.0371i	0.0744+0.0508i	0.0486+0.0618i	3.2711+7.1286i	1.1221-1.0097i	-15.6530+3.5283i	-2.5520+1.3898i
64.6	0.0411+0.1166i	0.1413+0.0347i	0.0715+0.0493i	0.0435+0.0613i	3.1318+6.8819i	1.0189-0.8681i	-15.5833+3.7274i	-2.6085+1.3211i
64.7	0.0454+0.1232i	0.1445+0.0322i	0.0752+0.0504i	0.0456+0.0625i	3.3189+6.6486i	1.0490-0.9010i	-15.5993+3.8264i	-2.7118+1.3799i
64.8	0.0485+0.1260i	0.1458+0.0296i	0.0771+0.0490i	0.0469+0.0636i	3.2324+6.4419i	1.0686-0.8833i	-15.8448+3.8663i	-2.7929+1.5065i
64.9	0.0518+0.1217i	0.1465+0.0246i	0.0779+0.0450i	0.0490+0.0627i	2.8609+6.2220i	0.9925-0.8429i	-16.0672+3.7919i	-2.8769+1.7461i
65.0	0.0519+0.1201i	0.1435+0.0225i	0.0777+0.0430i	0.0471+0.0612i	2.5481+6.2212i	0.9119-0.7410i	-16.0875+3.9525i	-2.9387+1.8446i
65.1	0.0550+0.1223i	0.1435+0.0235i	0.0788+0.0449i	0.0478+0.0614i	2.7372+6.2200i	0.9297-0.6674i	-16.0370+4.0037i	-2.9853+1.8606i
65.2	0.0624+0.1247i	0.1466+0.0221i	0.0817+0.0449i	0.0521+0.0632i	2.8506+6.0020i	1.0025-0.7000i	-16.1448+3.9407i	-3.0088+1.9598i
65.3	0.0689+0.1205i	0.1473+0.0165i	0.0835+0.0389i	0.0540+0.0612i	2.4573+5.7435i	1.0420-0.6877i	-16.2403+4.1503i	-2.9162+2.2034i
65.4	0.0750+0.1169i	0.1478+0.0140i	0.0870+0.0380i	0.0562+0.0593i	2.4272+5.6629i	1.0515-0.6914i	-16.3009+4.3517i	-2.8122+2.3673i
65.5	0.0776+0.1149i	0.1497+0.0142i	0.0893+0.0380i	0.0566+0.0599i	2.3724+5.5657i	1.0510-0.7116i	-16.5791+4.4054i	-2.7863+2.4929i
65.6	0.0808+0.1149i	0.1564+0.0138i	0.0933+0.0373i	0.0600+0.0615i	2.1451+5.5728i	1.0671-0.6678i	-16.7756+4.5498i	-2.8833+2.6945i
65.7	0.0826+0.1172i	0.1580+0.0165i	0.0943+0.0385i	0.0621+0.0625i	2.2033+5.5613i	1.1262-0.6230i	-16.4333+4.5987i	-2.8713+2.6210i
65.8	0.0832+0.1143i	0.1615+0.0114i	0.0973+0.0351i	0.0637+0.0601i	2.0833+5.5531i	1.1559-0.6307i	-16.4965+4.5919i	-2.7785+2.7435i
65.9	0.0843+0.1070i	0.1650+0.0050i	0.0991+0.0313i	0.0659+0.0565i	1.9847+5.5529i	1.1939-0.6773i	-16.6500+4.5704i	-2.6636+2.8140i
66.0	0.0918+0.1046i	0.1703-0.0021i	0.1037+0.0281i	0.0690+0.0541i	1.7060+5.4393i	1.2355-0.6565i	-16.7741+4.7026i	-2.6017+3.0726i
66.1	0.0936+0.1044i	0.1726-0.0072i	0.1050+0.0250i	0.0702+0.0526i	1.7714+5.5124i	1.2346-0.6621i	-16.9365+4.9927i	-2.4881+3.1980i
66.2	0.0981+0.1043i	0.1790-0.0087i	0.1096+0.0235i	0.0742+0.0528i	1.9076+5.5258i	1.3017-0.6883i	-17.2136+5.0348i	-2.5366+3.3086i
66.3	0.1049+0.0970i	0.1824-0.0181i	0.1139+0.0190i	0.0788+0.0493i	1.5108+5.1128i	1.2489-0.7473i	-17.2001+5.1346i	-2.5701+3.4611i
66.4	0.1117+0.0888i	0.1839-0.0327i	0.1157+0.0109i	0.0814+0.0415i	1.4153+5.1858i	1.3202-0.8239i	-17.2200+5.6579i	-2.1092+3.6196i
66.5	0.1146+0.0840i	0.1855-0.0392i	0.1177+0.0057i	0.0845+0.0368i	1.3656+5.3355i	1.3602-0.8678i	-17.5063+5.7395i	-1.8580+3.7380i
66.6	0.1236+0.0732i	0.1938-0.0542i	0.1266-0.0035i	0.0901+0.0298i	1.0615+5.2882i	1.4179-0.9671i	-17.9206+5.9245i	-1.6463+4.0655i
66.7	0.1285+0.0739i	0.1984-0.0602i	0.1287-0.0058i	0.0916+0.0289i	1.1311+5.1463i	1.4825-1.0221i	-17.8471+6.0423i	-1.6631+4.0764i
66.8	0.1202+0.0714i	0.1884-0.0657i	0.1219-0.0084i	0.0849+0.0254i	1.3188+5.4883i	1.3696-1.0221i	-17.8692+6.3966i	-1.3789+3.8740i
66.9	0.1283+0.0589i	0.1898-0.0840i	0.1270-0.0195i	0.0895+0.0172i	1.0746+5.3820i	1.4384-1.1818i	-18.0490+6.6584i	-1.1830+4.0361i
67.0	0.1384+0.0524i	0.1925-0.0964i	0.1322-0.0276i	0.0947+0.0108i	0.7408+5.4002i	1.4881-1.2429i	-18.4486+6.5480i	-1.1041+4.2409i
67.1	0.1450+0.0392i	0.1905-0.1132i	0.1353-0.0384i	0.0960+0.0014i	0.4535+5.5840i	1.4452-1.3778i	-18.5323+6.7250i	-0.8789+4.4928i
67.2	0.1503+0.0238i	0.1875-0.1271i	0.1386-0.0491i	0.0979-0.0094i	0.1293+5.8059i	1.3655-1.5104i	-18.9517+7.0935i	-0.6019+4.6604i
67.3	0.1513+0.0169i	0.1894-0.1333i	0.1399-0.0537i	0.0979-0.0126i	0.3973+5.6966i	1.4302-1.5543i	-19.1164+7.3766i	-0.4420+4.6006i
67.4	0.1428+0.0048i	0.1839-0.1399i	0.1353-0.0607i	0.0953-0.0182i	0.1862+5.5896i	1.4021-1.6225i	-18.9881+7.5808i	-0.3770+4.4145i
67.5	0.1421-0.0070i	0.1805-0.1564i	0.1341-0.0703i	0.0971-0.0255i	0.3337+5.6883i	1.3382-1.7402i	-18.9955+7.9445i	-0.0140+4.4188i
67.6	0.1542-0.0157i	0.1873-0.1793i	0.1410-0.0829i	0.1032-0.0359i	0.1851+5.6713i	1.4008-1.9711i	-19.6942+7.9031i	0.1862+4.8012i
67.7	0.1471-0.0388i	0.1739-0.2015i	0.1347-0.1015i	0.0946-0.0534i	-0.0995+6.0525i	1.3017-2.1652i	-19.9000+8.4835i	0.6733+4.8052i
67.8	0.1411-0.0509i	0.1586-0.2181i	0.1280-0.1120i	0.0874-0.0634i	-0.0918+6.2090i	1.1700-2.2852i	-20.1125+9.1691i	1.0063+4.7611i
67.9	0.1328-0.0708i	0.1372-0.2451i	0.1208-0.1291i	0.0794-0.0785i	-0.2900+6.6010i	1.0432-2.4710i	-20.6548+9.8280i	1.4868+4.9269i
68.0	0.1312-0.0688i	0.1354-0.2448i	0.1186-0.1284i	0.0787-0.0778i	-0.2590+6.3137i	1.0778-2.5256i	-20.2025+9.6279i	1.2838+4.7847i
68.1	0.1268-0.0733i	0.1270-0.2524i	0.1143-0.1333i	0.0754-0.0815i	-0.1267+6.4065i	1.0394-2.6314i	-20.2792+9.9180i	1.4188+4.7646i
68.2	0.1155-0.0722i	0.1144-0.2433i	0.1053-0.1312i	0.0674-0.0774i	0.0944+6.4805i	1.0124-2.5836i	-19.5660+9.9965i	1.3633+4.5146i
68.3	0.1073-0.1074i	0.0833-0.2835i	0.0921-0.1591i	0.0567-0.1022i	-0.3819+6.6807i	0.7003-2.9432i	-20.1499+10.9889i	2.1609+4.7404i
68.4	0.0851-0.1283i	0.0445-0.2988i	0.0706-0.1736i	0.0371-0.1155i	-0.4985+7.2288i	0.3322-3.0505i	-20.3922+12.0143i	2.9669+4.5627i
68.5	0.0902-0.1393i	0.0429-0.3166i	0.0720-0.1832i	0.0390-0.1234i	-0.4891+7.1573i	0.2563-3.2819i	-20.5401+12.1703i	3.1439+4.7882i
68.6	0.0919-0.1358i	0.0406-0.3154i	0.0731-0.1823i	0.0412-0.1194i	-0.4229+6.9041i	0.3212-3.3335i	-19.9709+12.1220i	2.9561+4.7972i

68.7	0.0651-0.1483i	-0.0017-0.3308i	0.0518-0.1962i	0.0169-0.1312i	-0.1142+7.7646i	-0.0824-3.4632i	-20.8171+13.3360i	3.8025+4.6696i
68.8	0.0237-0.1487i	-0.0527-0.3117i	0.0163-0.1916i	-0.0149-0.1275i	0.3849+8.4632i	-0.5585-3.3111i	-20.1511+14.4550i	4.4010+3.8912i
68.9	0.0095-0.1619i	-0.0814-0.3221i	0.0029-0.2015i	-0.0274-0.1344i	-0.0540+8.3548i	-0.8377-3.4505i	-20.0796+14.6746i	4.6472+3.8139i
69.0	0.0016-0.1712i	-0.1078-0.3344i	-0.0094-0.2083i	-0.0404-0.1415i	0.1552+8.2720i	-1.0857-3.6070i	-20.3877+15.2191i	5.1120+3.8313i
69.1	-0.0114-0.1771i	-0.1405-0.3360i	-0.0241-0.2119i	-0.0544-0.1442i	0.2687+8.4592i	-1.4426-3.6838i	-20.5159+16.1451i	5.6440+3.5577i
69.2	-0.0284-0.1775i	-0.1636-0.3266i	-0.0397-0.2105i	-0.0655-0.1401i	0.4572+8.5484i	-1.7162-3.6450i	-20.1011+16.8060i	5.9876+3.2835i
69.3	-0.0485-0.1745i	-0.1988-0.3148i	-0.0605-0.2076i	-0.0848-0.1351i	0.8796+8.6506i	-2.0983-3.4753i	-19.9073+18.0718i	6.5019+2.7283i
69.4	-0.0575-0.1733i	-0.2208-0.3066i	-0.0712-0.2056i	-0.0953-0.1322i	1.1279+8.6660i	-2.2957-3.3618i	-19.7481+18.6651i	6.8488+2.4114i
69.5	-0.0858-0.1628i	-0.2588-0.2715i	-0.0943-0.1923i	-0.1170-0.1212i	1.2220+8.9947i	-2.5965-3.0554i	-18.4743+18.9506i	7.1024+1.6806i
69.6	-0.1103-0.1498i	-0.2857-0.2215i	-0.1132-0.1697i	-0.1343-0.1008i	1.5459+9.0946i	-2.8207-2.6451i	-17.5137+18.8282i	7.0812+0.8714i
69.7	-0.1370-0.1559i	-0.3397-0.1941i	-0.1427-0.1631i	-0.1594-0.0924i	1.6250+9.3619i	-3.2578-2.4557i	-17.0078+20.1640i	7.8220+0.2252i
69.8	-0.1550-0.1251i	-0.3491-0.1359i	-0.1570-0.1357i	-0.1722-0.0622i	2.5378+9.4094i	-3.4091-1.9345i	-15.7368+20.9724i	7.8469-0.7415i
69.9	-0.1868-0.1342i	-0.3998-0.1128i	-0.1824-0.1338i	-0.1971-0.0602i	2.5344+10.0372i	-4.0431-1.8048i	-16.0625+22.1550i	8.7449-1.2439i
70.0	-0.1821-0.1211i	-0.3852-0.0941i	-0.1767-0.1251i	-0.1930-0.0493i	2.8219+9.8457i	-3.9813-1.8019i	-16.5281+21.8528i	8.7509-1.5474i
70.1	-0.1805-0.1085i	-0.3773-0.0699i	-0.1764-0.1127i	-0.1913-0.0361i	3.1627+9.4447i	-4.0547-1.5654i	-16.0316+22.6381i	8.6022-2.0478i
70.2	-0.1936-0.0786i	-0.3756-0.0166i	-0.1828-0.0873i	-0.1959-0.0072i	3.9927+9.2480i	-4.1443-1.0616i	-14.9422+23.9253i	8.5194-3.1798i
70.3	-0.1889-0.0685i	-0.3566+0.0081i	-0.1737-0.0745i	-0.1883+0.0068i	3.9485+9.0160i	-3.9536-0.8841i	-14.1723+23.5304i	8.1041-3.6652i
70.4	-0.1935-0.0532i	-0.3439+0.0451i	-0.1724-0.0571i	-0.1858+0.0236i	4.3139+9.0768i	-3.8578-0.5791i	-13.8735+23.2257i	8.0159-4.2968i
70.5	-0.2190-0.0401i	-0.3616+0.1109i	-0.1902-0.0342i	-0.1988+0.0504i	4.5663+9.1737i	-4.1230+0.1441i	-11.9388+25.2152i	8.1406-5.6684i
70.6	-0.2322-0.0257i	-0.3506+0.1592i	-0.1909-0.0129i	-0.1977+0.0678i	4.8192+9.0000i	-4.0535+0.6084i	-10.3025+25.8301i	7.9990-6.5879i
70.7	-0.2306-0.0038i	-0.3088+0.1937i	-0.1785+0.0057i	-0.1846+0.0887i	5.4292+8.7617i	-3.7410+0.8173i	-9.5955+25.3987i	7.4655-7.5410i
70.8	-0.2460-0.0011i	-0.3115+0.2192i	-0.1849+0.0128i	-0.1915+0.1010i	5.6592+8.9738i	-3.9602+1.0308i	-9.5979+26.1820i	7.7016-8.3050i
70.9	-0.2111+0.0231i	-0.2251+0.2037i	-0.1470+0.0158i	-0.1521+0.1067i	6.0314+7.8102i	-3.1538+0.8318i	-8.3398+23.9966i	6.1644-8.2477i
71.0	-0.2125+0.0468i	-0.1752+0.2268i	-0.1325+0.0319i	-0.1362+0.1212i	6.4903+7.4763i	-2.7794+1.0982i	-7.2113+23.6236i	5.4155-9.0430i
71.1	-0.2120+0.0534i	-0.1621+0.2361i	-0.1291+0.0364i	-0.1293+0.1278i	6.4913+7.0069i	-2.7878+1.2664i	-6.1643+24.1611i	4.9344-9.6117i
71.2	-0.2064+0.0784i	-0.1077+0.2340i	-0.1136+0.0400i	-0.1100+0.1392i	6.7723+6.4769i	-2.3397+1.1898i	-5.0958+23.0408i	3.7330-10.1898i
71.3	-0.2263+0.0846i	-0.1015+0.2589i	-0.1202+0.0525i	-0.1149+0.1477i	6.9387+6.6500i	-2.4342+1.5729i	-4.2625+23.4031i	3.6719-10.9556i
71.4	-0.2148+0.0852i	-0.0884+0.2433i	-0.1138+0.0478i	-0.1030+0.1434i	6.6076+6.0126i	-2.4030+1.4265i	-3.3821+23.2452i	2.8853-11.1077i
71.5	-0.2040+0.1096i	-0.0412+0.2361i	-0.0983+0.0512i	-0.0830+0.1516i	7.0004+5.4371i	-2.0025+1.2714i	-2.5054+22.2424i	1.8081-11.9309i
71.6	-0.2164+0.1133i	-0.0385+0.2538i	-0.1045+0.0575i	-0.0843+0.1583i	6.7681+5.3922i	-2.1413+1.5828i	-1.2186+22.9151i	1.4397-12.4314i
71.7	-0.2157+0.1213i	-0.0295+0.2448i	-0.1042+0.0595i	-0.0787+0.1578i	6.6098+5.1575i	-2.2541+1.6821i	-1.0180+22.7078i	0.6689-12.4989i
71.8	-0.2033+0.1438i	0.0097+0.2230i	-0.0927+0.0611i	-0.0597+0.1592i	6.6882+4.5289i	-2.0993+1.5167i	-0.9720+21.5771i	-0.8338-12.8493i
71.9	-0.2032+0.1548i	0.0234+0.2242i	-0.0932+0.0652i	-0.0517+0.1614i	6.5411+4.5232i	-2.1226+1.7623i	0.2551+21.8138i	-1.8443-12.9831i
72.0	-0.1990+0.1605i	0.0423+0.2201i	-0.0846+0.0688i	-0.0414+0.1616i	6.4164+4.2091i	-1.9653+1.8671i	1.5522+21.0061i	-2.8218-12.9256i
72.1	-0.1880+0.1832i	0.0722+0.1985i	-0.0756+0.0719i	-0.0248+0.1619i	6.4699+3.6758i	-1.8062+1.9022i	2.2660+20.0110i	-4.4790-12.7793i
72.2	-0.1669+0.1883i	0.0830+0.1763i	-0.0685+0.0707i	-0.0116+0.1537i	6.0370+3.3131i	-1.7232+1.9849i	3.1517+19.6223i	-5.6682-11.7907i
72.3	-0.1689+0.2069i	0.0992+0.1643i	-0.0657+0.0733i	-0.0081+0.1556i	5.9671+3.3192i	-1.7380+2.1082i	2.9237+19.0883i	-6.5918-11.7494i
72.4	-0.1654+0.2293i	0.1229+0.1431i	-0.0598+0.0762i	-0.0006+0.1521i	5.9625+3.2420i	-1.5534+2.1233i	2.7674+17.6253i	-7.5782-11.6776i
72.5	-0.1461+0.2301i	0.1306+0.1176i	-0.0528+0.0741i	0.0093+0.1423i	5.6665+3.0423i	-1.3524+2.1386i	3.2276+16.3308i	-8.1784-10.5787i
72.6	-0.1293+0.2243i	0.1223+0.0932i	-0.0495+0.0698i	0.0149+0.1304i	5.3040+2.9308i	-1.2764+2.1334i	3.3507+15.5283i	-8.5180-9.2594i
72.7	-0.1211+0.2345i	0.1196+0.0759i	-0.0487+0.0701i	0.0152+0.1262i	5.3134+2.9035i	-1.2554+2.1914i	3.0236+15.0774i	-9.0241-8.7337i
72.8	-0.1194+0.2391i	0.1154+0.0703i	-0.0491+0.0710i	0.0150+0.1243i	5.3116+3.0342i	-1.1654+2.3492i	3.3973+15.0049i	-9.1166-8.3219i
72.9	-0.1097+0.2504i	0.1159+0.0571i	-0.0454+0.0723i	0.0191+0.1216i	5.2117+2.9221i	-1.0221+2.3617i	3.3771+14.3409i	-9.6925-7.9429i
73.0	-0.0946+0.2439i	0.0993+0.0437i	-0.0455+0.0700i	0.0169+0.1136i	4.9824+2.8972i	-0.9628+2.4019i	3.2568+14.2715i	-9.5484-6.8363i
73.1	-0.0881+0.2473i	0.0938+0.0356i	-0.0454+0.0691i	0.0155+0.1104i	4.9690+2.8504i	-0.8527+2.4454i	3.3393+13.9923i	-9.5977-6.5497i
73.2	-0.0816+0.2600i	0.0990+0.0238i	-0.0407+0.0701i	0.0196+0.1082i	4.9532+2.7839i	-0.6306+2.4716i	3.6459+12.7447i	-10.0728-6.2462i
73.3	-0.0679+0.2635i	0.0904+0.0112i	-0.0386+0.0694i	0.0201+0.1056i	4.8771+2.7194i	-0.5620+2.4402i	2.8857+12.3442i	-10.2748-5.5864i
73.4	-0.0422+0.2587i	0.0743+0.0003i	-0.0341+0.0700i	0.0241+0.1013i	4.7606+2.5067i	-0.4365+2.3505i	2.6957+12.0645i	-10.3759-4.4025i
73.5	-0.0354+0.2615i	0.0683-0.0039i	-0.0330+0.0705i	0.0234+0.1001i	4.8239+2.5225i	-0.3330+2.3688i	2.7500+11.6696i	-10.5051-4.1153i
73.6	-0.0345+0.2763i	0.0665-0.0049i	-0.0345+0.0751i	0.0224+0.1033i	4.9512+2.5552i	-0.2376+2.5488i	2.5970+11.9290i	-10.8657-4.1602i
73.7	-0.0306+0.2661i	0.0554-0.0071i	-0.0356+0.0713i	0.0200+0.0994i	4.7258+2.5621i	-0.2646+2.4337i	2.2542+11.3026i	-10.4662-3.8108i
73.8	-0.0089+0.2549i	0.0419-0.0109i	-0.0305+0.0684i	0.0216+0.0942i	4.4854+2.3988i	-0.1442+2.3037i	1.9024+11.1704i	-10.2443-2.7271i
73.9	0.0090+0.2500i	0.0361-0.0182i	-0.0239+0.0671i	0.0244+0.0888i	4.4734+2.1329i	0.0617+2.1827i	2.1211+10.5059i	-10.2754-2.0262i
74.0	0.0057+0.2552i	0.0294-0.0197i	-0.0262+0.0692i	0.0209+0.0911i	4.5337+2.1145i	0.1029+2.1425i	1.4048+9.7779i	-10.4161-2.2046i
74.1	0.0139+0.2481i	0.0186-0.0156i	-0.0268+0.0701i	0.0192+0.0899i	4.4563+2.0493i	0.1496+2.1527i	1.2855+10.0816i	-10.2604-1.7268i
74.2	0.0298+0.2406i	0.0105-0.0173i	-0.0218+0.0701i	0.0204+0.0855i	4.3894+1.7671i	0.2770+2.0082i	1.2990+9.7161i	-10.1817-0.9481i
74.3	0.0377+0.2351i	0.0067-0.0128i	-0.0189+0.0685i	0.0207+0.0866i	4.2216+1.7531i	0.3467+1.9713i	1.2928+9.8050i	-10.0919-0.4495i
74.4	0.0350+0.2273i	0.0038-0.0065i	-0.0210+0.0688i	0.0189+0.0852i	4.1839+1.7295i	0.4220+1.9231i	1.7119+9.3219i	-9.6240-0.3231i
74.5	0.0376+0.2291i	0.0015-0.0041i	-0.0209+0.0726i	0.0179+0.0870i	4.2575+1.7171i	0.4703+1.9398i	1.6350+9.3916i	-9.6518+0.0508i
74.6	0.0457+0.2296i	-0.0057+0.0007i	-0.0209+0.0750i	0.0196+0.0911i	4.2632+1.6219i	0.5160+1.9769i	1.0202+10.3612i	-9.8302+0.5309i
74.7	0.0481+0.2206i	-0.0062+0.0023i	-0.0183+0.0727i	0.0225+0.0871i	4.0572+1.5320i	0.5442+1.8387i	1.4832+9.7856i	-9.3729+0.7866i
74.8	0.0534+0.2115i	-0.0078+0.0031i	-0.0146+0.0711i	0.0217+0.0822i	3.8441+1.4553i	0.5416+1.6744i	1.4357+9.1312i	-8.9523+1.1125i
74.9	0.0599+0.2222i	-0.0122+0.0084i	-0.0123+0.0759i	0.0204+0.0885i	3.8676+1.3924i	0.5960+1.6924i	0.7983+9.3242i	-9.2503+1.4636i

75.0	0.0643+0.2245i	-0.0129+0.0105i	-0.0102+0.0783i	0.0225+0.0913i	3.7534+1.2732i	0.7064+1.6523i	0.8643+9.0064i	-9.2241+1.6391i
75.1	0.0676+0.2148i	-0.0108+0.0157i	-0.0069+0.0774i	0.0240+0.0901i	3.6766+1.1928i	0.7041+1.5957i	1.4961+8.8778i	-8.7618+1.8775i
75.2	0.0725+0.2164i	-0.0113+0.0239i	-0.0049+0.0817i	0.0257+0.0947i	3.7341+1.2108i	0.6852+1.6498i	1.3543+9.9484i	-8.7139+2.2128i
75.3	0.0738+0.2162i	-0.0104+0.0282i	-0.0046+0.0837i	0.0261+0.0955i	3.6160+1.2581i	0.6920+1.6201i	1.0455+10.2288i	-8.5690+2.4121i
75.4	0.0845+0.2091i	-0.0064+0.0293i	0.0017+0.0825i	0.0303+0.0941i	3.4440+1.0905i	0.8341+1.5254i	1.4895+9.5060i	-8.1785+2.7443i
75.5	0.0977+0.2104i	-0.0038+0.0323i	0.0093+0.0839i	0.0354+0.0964i	3.4321+0.8672i	0.9128+1.5178i	2.0457+9.5930i	-8.0390+3.1077i
75.6	0.1040+0.2100i	-0.0018+0.0334i	0.0123+0.0831i	0.0396+0.0963i	3.4325+0.8784i	0.8919+1.5280i	2.1367+9.6995i	-7.8606+3.3111i
75.7	0.1090+0.1944i	-0.0005+0.0329i	0.0162+0.0795i	0.0436+0.0907i	3.2251+0.7968i	0.8913+1.3745i	2.2921+9.3693i	-7.3464+3.4779i
75.8	0.1085+0.1941i	-0.0027+0.0322i	0.0149+0.0785i	0.0425+0.0897i	3.1202+0.8348i	0.8369+1.3392i	1.8105+9.0260i	-7.2246+3.3996i
75.9	0.1110+0.1921i	-0.0042+0.0319i	0.0170+0.0762i	0.0427+0.0886i	3.0414+0.9409i	0.7944+1.2794i	1.6319+8.8210i	-7.0261+3.4750i
76.0	0.1119+0.1924i	-0.0028+0.0321i	0.0179+0.0762i	0.0425+0.0878i	2.8657+0.8806i	0.8356+1.2698i	1.8034+8.2964i	-6.9453+3.4411i
76.1	0.1212+0.1870i	0.0012+0.0331i	0.0231+0.0742i	0.0473+0.0868i	2.8268+0.7452i	0.8942+1.2250i	2.1715+8.2065i	-6.7712+3.7006i
76.2	0.1359+0.1846i	0.0047+0.0355i	0.0297+0.0751i	0.0535+0.0871i	2.8214+0.6521i	0.9941+1.1917i	2.7262+8.2580i	-6.6724+4.0973i
76.3	0.1399+0.1782i	0.0065+0.0360i	0.0318+0.0721i	0.0556+0.0838i	2.7310+0.6484i	0.9673+1.1453i	3.1381+8.0307i	-6.4186+4.1158i
76.4	0.1340+0.1628i	0.0019+0.0340i	0.0281+0.0666i	0.0516+0.0766i	2.5340+0.7277i	0.8998+1.0461i	2.7134+7.4437i	-5.9537+3.9080i
76.5	0.1370+0.1604i	0.0038+0.0369i	0.0296+0.0670i	0.0530+0.0774i	2.5262+0.6771i	0.9129+1.0811i	2.7995+7.5000i	-5.9168+4.0839i
76.6	0.1379+0.1573i	0.0056+0.0383i	0.0311+0.0670i	0.0541+0.0772i	2.4429+0.6947i	0.9173+1.0650i	2.8723+7.2825i	-5.8204+4.1876i
76.7	0.1351+0.1496i	0.0058+0.0360i	0.0323+0.0631i	0.0531+0.0746i	2.2411+0.6357i	0.8891+0.9836i	2.8688+6.5513i	-5.4729+4.1288i
76.8	0.1358+0.1469i	0.0064+0.0350i	0.0328+0.0604i	0.0540+0.0729i	2.2359+0.7078i	0.8484+0.9964i	2.7135+6.1805i	-5.3337+4.1382i
76.9	0.1459+0.1376i	0.0107+0.0352i	0.0379+0.0586i	0.0588+0.0689i	2.1443+0.6349i	0.8788+0.9159i	3.0070+5.9354i	-5.1462+4.4145i
77.0	0.1527+0.1327i	0.0148+0.0394i	0.0423+0.0569i	0.0627+0.0690i	2.1246+0.5834i	0.9659+0.9431i	3.1460+6.0248i	-4.9362+4.6838i
77.1	0.1546+0.1296i	0.0181+0.0385i	0.0452+0.0569i	0.0650+0.0675i	2.0610+0.5757i	0.9785+0.9210i	3.1261+5.6938i	-4.7880+4.7180i
77.2	0.1481+0.1261i	0.0184+0.0388i	0.0430+0.0562i	0.0638+0.0651i	1.9001+0.6565i	0.9280+0.8436i	2.9747+5.2033i	-4.6333+4.5170i
77.3	0.1423+0.1244i	0.0175+0.0359i	0.0407+0.0543i	0.0604+0.0633i	1.8194+0.7158i	0.8723+0.7756i	2.4515+4.6266i	-4.5683+4.3698i
77.4	0.1430+0.1274i	0.0162+0.0355i	0.0402+0.0556i	0.0587+0.0630i	1.7858+0.7103i	0.9081+0.8461i	2.5404+4.7055i	-4.5202+4.2814i
77.5	0.1484+0.1259i	0.0206+0.0373i	0.0439+0.0562i	0.0626+0.0632i	1.7879+0.6456i	0.9221+0.8434i	2.5595+4.8936i	-4.4422+4.5229i
77.6	0.1477+0.1187i	0.0218+0.0356i	0.0443+0.0541i	0.0628+0.0600i	1.6539+0.5997i	0.9394+0.7339i	2.3537+4.1803i	-4.1255+4.5330i
77.7	0.1466+0.1172i	0.0220+0.0356i	0.0445+0.0529i	0.0600+0.0603i	1.5024+0.6590i	0.9322+0.7121i	2.0178+3.6999i	-3.9132+4.3983i
77.8	0.1516+0.1155i	0.0229+0.0364i	0.0462+0.0495i	0.0628+0.0597i	1.4412+0.7768i	0.9138+0.7389i	1.8218+3.7254i	-3.7562+4.5337i
77.9	0.1574+0.1218i	0.0272+0.0382i	0.0488+0.0520i	0.0665+0.0642i	1.4957+0.7924i	0.9517+0.7959i	1.7101+4.1216i	-3.8216+4.6566i
78.0	0.1605+0.1272i	0.0298+0.0369i	0.0505+0.0539i	0.0673+0.0646i	1.4970+0.7454i	1.0427+0.7852i	1.6646+3.7327i	-3.8202+4.6242i
78.1	0.1510+0.1137i	0.0276+0.0294i	0.0486+0.0467i	0.0631+0.0566i	1.3223+0.7191i	0.9384+0.6902i	1.1633+2.9087i	-3.4042+4.2794i
78.2	0.1499+0.1073i	0.0286+0.0281i	0.0493+0.0458i	0.0641+0.0538i	1.1772+0.7438i	0.8863+0.6328i	1.0364+2.4423i	-3.2310+4.1298i
78.3	0.1565+0.1048i	0.0288+0.0273i	0.0526+0.0437i	0.0644+0.0530i	1.1588+0.8353i	0.8658+0.6266i	0.8261+2.5502i	-3.1529+4.1378i
78.4	0.1634+0.1018i	0.0316+0.0253i	0.0562+0.0426i	0.0682+0.0512i	1.1001+0.7693i	0.9095+0.5870i	0.9432+2.4111i	-3.0662+4.1335i
78.5	0.1632+0.1005i	0.0324+0.0266i	0.0560+0.0434i	0.0674+0.0510i	1.0076+0.7659i	0.9040+0.5556i	0.5713+1.9096i	-3.0362+3.9321i
78.6	0.1717+0.1039i	0.0342+0.0257i	0.0597+0.0452i	0.0693+0.0519i	0.9759+0.8456i	0.9063+0.6185i	0.3367+2.1918i	-3.1695+4.0493i
78.7	0.1698+0.1158i	0.0309+0.0262i	0.0582+0.0467i	0.0671+0.0572i	0.8712+0.9727i	0.8266+0.6742i	-0.3026+2.0817i	-3.5286+3.9302i
78.8	0.1767+0.1214i	0.0310+0.0285i	0.0587+0.0486i	0.0707+0.0611i	0.8407+0.9916i	0.8116+0.7215i	-0.6589+2.0459i	-3.7655+3.9362i
78.9	0.1928+0.1351i	0.0341+0.0312i	0.0648+0.0520i	0.0765+0.0673i	0.9325+1.1237i	0.8808+0.8452i	-1.0331+2.2621i	-4.0053+4.0846i
79.0	0.2270+0.1287i	0.0421+0.0314i	0.0775+0.0516i	0.0923+0.0648i	0.9868+1.2093i	1.0347+0.9084i	-1.1409+2.4570i	-4.0621+4.7574i
79.1	0.2625+0.1106i	0.0493+0.0294i	0.0921+0.0461i	0.1080+0.0584i	1.0949+1.1984i	1.2523+0.9007i	-1.2222+2.9458i	-3.8341+5.5655i
79.2	0.2826+0.0661i	0.0573+0.0188i	0.1002+0.0306i	0.1178+0.0407i	1.2163+1.1107i	1.4557+0.7404i	-0.6876+3.5354i	-2.9852+6.1026i
79.3	0.2722+0.0194i	0.0577+0.0058i	0.0987+0.0118i	0.1153+0.0201i	1.1806+0.9474i	1.4977+0.4542i	-0.1148+2.9842i	-2.0658+5.9921i
79.4	0.2478-0.0071i	0.0521-0.0017i	0.0926+0.0010i	0.1057+0.0071i	1.0864+0.8242i	1.4228+0.2606i	0.1488+2.5182i	-1.5472+5.4030i
79.5	0.2401-0.0102i	0.0498-0.0021i	0.0892-0.0004i	0.1018+0.0060i	0.9954+0.8461i	1.3467+0.2205i	0.0267+2.5686i	-1.6455+5.1647i
79.6	0.2332-0.0182i	0.0478-0.0084i	0.0857-0.0051i	0.0988+0.0004i	0.9587+0.8455i	1.3228+0.1535i	-0.4615+2.4373i	-1.4890+5.0886i
79.7	0.2192-0.0267i	0.0449-0.0120i	0.0815-0.0096i	0.0916-0.0053i	0.9789+0.7346i	1.2657+0.1046i	-0.4260+2.2458i	-1.2734+4.9545i
79.8	0.2106-0.0348i	0.0424-0.0126i	0.0769-0.0122i	0.0862-0.0082i	0.9370+0.8258i	1.2005+0.0880i	-0.9397+2.0274i	-1.1210+4.8829i
79.9	0.2056-0.0365i	0.0406-0.0116i	0.0750-0.0111i	0.0855-0.0074i	0.8572+0.7944i	1.2253+0.0336i	-0.5312+1.7781i	-1.1270+4.5780i
80.0	0.2011-0.0435i	0.0367-0.0138i	0.0723-0.0149i	0.0835-0.0109i	0.8184+0.8143i	1.2072+0.0421i	-0.6126+1.7489i	-1.0125+4.5619i

1.1.25 Run 7 – VT270 – NF and AF gauges

Vertical shaking at 270°. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.3632+0.0000i	0.2226+0.0000i	0.7531+0.0000i	0.7719+0.0000i	0.0051+0.0000i	-0.0249+0.0000i	-0.0002+0.0000i	0.0121+0.0000i
0.1	0.2639+0.0067i	0.2429+0.0006i	0.6023+0.0193i	0.0696+0.0686i	0.0071-0.0003i	-0.0119-0.0011i	0.0003-0.0006i	0.0035+0.0014i
0.2	0.2483-0.0016i	0.2461+0.0029i	0.5760+0.0035i	-0.0583-0.0030i	0.0076+0.0002i	-0.0089+0.0002i	0.0008-0.0001i	0.0014+0.0004i
0.3	0.2489-0.0017i	0.2462+0.0016i	0.5756+0.0013i	-0.0551+0.0004i	0.0077-0.0000i	-0.0086+0.0002i	0.0013+0.0002i	0.0008+0.0005i
0.4	0.2489-0.0007i	0.2447-0.0016i	0.5766+0.0019i	-0.0567-0.0023i	0.0076+0.0000i	-0.0088+0.0003i	0.0012+0.0003i	0.0009+0.0003i
0.5	0.2478-0.0006i	0.2436-0.0019i	0.5774+0.0026i	-0.0577-0.0054i	0.0072+0.0000i	-0.0089+0.0003i	0.0012+0.0002i	0.0011+0.0002i
0.6	0.2480-0.0035i	0.2440-0.0012i	0.5803+0.0022i	-0.0582-0.0047i	0.0076+0.0000i	-0.0086+0.0005i	0.0015+0.0001i	0.0012-0.0002i
0.7	0.2482-0.0041i	0.2443-0.0011i	0.5797+0.0047i	-0.0580-0.0050i	0.0081-0.0002i	-0.0083+0.0003i	0.0015-0.0002i	0.0013-0.0004i
0.8	0.2482-0.0076i	0.2449+0.0052i	0.5836+0.0118i	-0.0630-0.0103i	0.0080-0.0006i	-0.0086-0.0005i	0.0010-0.0013i	0.0008-0.0005i
0.9	0.2451-0.0059i	0.2480+0.0025i	0.5914+0.0006i	-0.0689-0.0027i	0.0077-0.0005i	-0.0093-0.0002i	0.0006-0.0007i	0.0009-0.0001i
1.0	0.2458-0.0051i	0.2455-0.0001i	0.5859-0.0089i	-0.0647+0.0053i	0.0080-0.0002i	-0.0087+0.0003i	0.0011+0.0001i	0.0014-0.0004i
1.1	0.2449-0.0053i	0.2465+0.0022i	0.5821-0.0032i	-0.0605+0.0006i	0.0078-0.0004i	-0.0087-0.0000i	0.0009-0.0003i	0.0007-0.0006i
1.2	0.2434-0.0053i	0.2483+0.0017i	0.5825-0.0011i	-0.0604-0.0020i	0.0078-0.0005i	-0.0087+0.0002i	0.0010-0.0003i	0.0009-0.0006i
1.3	0.2434-0.0042i	0.2475+0.0012i	0.5835+0.0011i	-0.0617-0.0039i	0.0078-0.0003i	-0.0085+0.0002i	0.0010-0.0002i	0.0012-0.0002i
1.4	0.2442-0.0028i	0.2474+0.0005i	0.5871+0.0025i	-0.0627-0.0046i	0.0077-0.0004i	-0.0085+0.0002i	0.0010-0.0001i	0.0010-0.0002i
1.5	0.2455-0.0038i	0.2468+0.0010i	0.5902+0.0033i	-0.0652-0.0055i	0.0078-0.0002i	-0.0084+0.0001i	0.0012-0.0000i	0.0012+0.0000i
1.6	0.2467-0.0032i	0.2465-0.0001i	0.5926+0.0033i	-0.0689-0.0052i	0.0079-0.0002i	-0.0083+0.0001i	0.0015+0.0000i	0.0017+0.0000i
1.7	0.2468-0.0014i	0.2458-0.0017i	0.6007+0.0045i	-0.0736-0.0069i	0.0082+0.0001i	-0.0082+0.0004i	0.0016+0.0003i	0.0021+0.0002i
1.8	0.2484-0.0005i	0.2446-0.0030i	0.6098-0.0080i	-0.0829+0.0024i	0.0087+0.0002i	-0.0075+0.0006i	0.0025+0.0008i	0.0026+0.0003i
1.9	0.2516-0.0042i	0.2415-0.0012i	0.6009-0.0259i	-0.0789+0.0189i	0.0095-0.0003i	-0.0066+0.0008i	0.0039+0.0005i	0.0040+0.0001i
2.0	0.2512-0.0044i	0.2411+0.0004i	0.5900-0.0270i	-0.0695+0.0215i	0.0099-0.0003i	-0.0061+0.0006i	0.0045+0.0001i	0.0045+0.0001i
2.1	0.2531-0.0036i	0.2399-0.0002i	0.5787-0.0206i	-0.0580+0.0161i	0.0108-0.0002i	-0.0050+0.0006i	0.0061-0.0001i	0.0061+0.0002i
2.2	0.2567-0.0054i	0.2372+0.0015i	0.5779-0.0126i	-0.0558+0.0088i	0.0122-0.0009i	-0.0039-0.0000i	0.0079-0.0010i	0.0078-0.0005i
2.3	0.2672-0.0121i	0.2297+0.0089i	0.5878-0.0083i	-0.0632+0.0050i	0.0165-0.0037i	0.0003-0.0030i	0.0142-0.0052i	0.0142-0.0051i
2.4	0.2413-0.0408i	0.2525+0.0358i	0.5900-0.0133i	-0.0652+0.0090i	0.0055-0.0162i	-0.0106-0.0153i	-0.0022-0.0235i	-0.0027-0.0247i
2.5	0.2162-0.0292i	0.2750+0.0254i	0.5864-0.0127i	-0.0623+0.0089i	-0.0053-0.0118i	-0.0211-0.0109i	-0.0180-0.0170i	-0.0190-0.0180i
2.6	0.2294-0.0065i	0.2633+0.0049i	0.5874-0.0099i	-0.0624+0.0074i	0.0004-0.0023i	-0.0153-0.0013i	-0.0095-0.0027i	-0.0102-0.0029i
2.7	0.2353-0.0034i	0.2606+0.0028i	0.5896-0.0093i	-0.0626+0.0071i	0.0024-0.0008i	-0.0133-0.0001i	-0.0064-0.0009i	-0.0070-0.0016i
2.8	0.2374-0.0042i	0.2583+0.0018i	0.5906-0.0093i	-0.0643+0.0073i	0.0039-0.0007i	-0.0119+0.0001i	-0.0041-0.0005i	-0.0047-0.0012i
2.9	0.2386-0.0038i	0.2557+0.0028i	0.5945-0.0109i	-0.0668+0.0083i	0.0047-0.0009i	-0.0111+0.0002i	-0.0030-0.0002i	-0.0036-0.0006i
3.0	0.2408-0.0028i	0.2549-0.0005i	0.5947-0.0130i	-0.0650+0.0078i	0.0048-0.0009i	-0.0111+0.0003i	-0.0026-0.0002i	-0.0030-0.0009i
3.1	0.2428-0.0010i	0.2529-0.0002i	0.5881-0.0145i	-0.0616+0.0080i	0.0053-0.0005i	-0.0107+0.0003i	-0.0018-0.0002i	-0.0023-0.0007i
3.2	0.2425-0.0027i	0.2544+0.0003i	0.5852-0.0061i	-0.0588+0.0036i	0.0057-0.0007i	-0.0104+0.0001i	-0.0016-0.0006i	-0.0022-0.0010i
3.3	0.2436+0.0017i	0.2547-0.0023i	0.5900-0.0024i	-0.0596+0.0003i	0.0056-0.0007i	-0.0102+0.0007i	-0.0018-0.0007i	-0.0025-0.0003i
3.4	0.2445+0.0043i	0.2529-0.0040i	0.5900-0.0027i	-0.0580-0.0009i	0.0058-0.0005i	-0.0099+0.0011i	-0.0014+0.0002i	-0.0017+0.0010i
3.5	0.2506+0.0042i	0.2489-0.0068i	0.5880+0.0007i	-0.0565-0.0035i	0.0070-0.0002i	-0.0093+0.0016i	-0.0004+0.0009i	-0.0018+0.0015i
3.6	0.2630+0.0010i	0.2386+0.0058i	0.5969+0.0151i	-0.0721-0.0092i	0.0076-0.0013i	-0.0094-0.0002i	0.0006-0.0019i	-0.0021+0.0014i
3.7	0.2559-0.0113i	0.2528+0.0148i	0.6191+0.0102i	-0.0841-0.0062i	0.0063-0.0018i	-0.0100-0.0017i	-0.0010-0.0029i	-0.0015-0.0004i
3.8	0.2496-0.0092i	0.2582+0.0084i	0.6251+0.0028i	-0.0804-0.0025i	0.0060-0.0013i	-0.0100-0.0005i	-0.0014-0.0014i	-0.0013-0.0007i
3.9	0.2509-0.0075i	0.2587+0.0061i	0.6250+0.0010i	-0.0798-0.0023i	0.0061-0.0010i	-0.0099-0.0001i	-0.0012-0.0010i	-0.0014-0.0007i
4.0	0.2510-0.0060i	0.2589+0.0049i	0.6249-0.0012i	-0.0804-0.0008i	0.0062-0.0008i	-0.0098-0.0000i	-0.0011-0.0008i	-0.0011-0.0004i
4.1	0.2518-0.0052i	0.2587+0.0036i	0.6262-0.0033i	-0.0809+0.0008i	0.0063-0.0008i	-0.0097+0.0002i	-0.0009-0.0005i	-0.0009-0.0003i
4.2	0.2532-0.0044i	0.2586+0.0031i	0.6268-0.0045i	-0.0804+0.0013i	0.0065-0.0007i	-0.0094+0.0003i	-0.0006-0.0003i	-0.0006-0.0004i
4.3	0.2548-0.0031i	0.2577+0.0019i	0.6267-0.0063i	-0.0799+0.0025i	0.0067-0.0005i	-0.0091+0.0005i	-0.0002-0.0002i	-0.0002-0.0001i
4.4	0.2585-0.0013i	0.2562+0.0011i	0.6289-0.0083i	-0.0802+0.0037i	0.0072-0.0004i	-0.0087+0.0007i	0.0002+0.0002i	0.0002+0.0006i
4.5	0.2624-0.0017i	0.2535+0.0001i	0.6293-0.0083i	-0.0798+0.0047i	0.0077-0.0003i	-0.0083+0.0008i	0.0010+0.0003i	0.0008+0.0008i
4.6	0.2667-0.0016i	0.2524+0.0013i	0.6284-0.0079i	-0.0786+0.0054i	0.0081-0.0003i	-0.0078+0.0006i	0.0019+0.0002i	0.0018-0.0001i
4.7	0.2696-0.0044i	0.2498+0.0049i	0.6280-0.0065i	-0.0765+0.0040i	0.0084-0.0012i	-0.0075-0.0002i	0.0027-0.0010i	0.0020-0.0019i
4.8	0.2656-0.0083i	0.2539+0.0069i	0.6274+0.0006i	-0.0706-0.0004i	0.0071-0.0015i	-0.0086-0.0006i	0.0008-0.0014i	0.0002-0.0020i
4.9	0.2685-0.0068i	0.2543+0.0069i	0.6294+0.0086i	-0.0726-0.0084i	0.0074-0.0007i	-0.0081+0.0000i	0.0011-0.0001i	0.0001+0.0002i
5.0	0.2718-0.0073i	0.2609+0.0118i	0.6559+0.0117i	-0.0877-0.0101i	0.0081-0.0016i	-0.0078-0.0008i	0.0016-0.0016i	0.0018-0.0005i
5.1	0.2719-0.0052i	0.2636+0.0077i	0.6593+0.0047i	-0.0873-0.0047i	0.0077-0.0014i	-0.0084-0.0003i	0.0009-0.0013i	0.0010-0.0007i
5.2	0.2747-0.0020i	0.2625+0.0037i	0.6576+0.0029i	-0.0842-0.0026i	0.0075-0.0002i	-0.0083+0.0009i	0.0009+0.0005i	0.0005+0.0015i
5.3	0.2876-0.0004i	0.2535+0.0010i	0.6569+0.0090i	-0.0807-0.0077i	0.0097+0.0018i	-0.0060+0.0024i	0.0042+0.0032i	0.0038+0.0045i
5.4	0.2998-0.0176i	0.2493+0.0178i	0.6751+0.0196i	-0.0907-0.0169i	0.0141-0.0025i	-0.0027-0.0020i	0.0097-0.0034i	0.0111-0.0016i
5.5	0.2921-0.0223i	0.2627+0.0182i	0.6909+0.0068i	-0.0982-0.0100i	0.0115-0.0045i	-0.0051-0.0037i	0.0058-0.0065i	0.0070-0.0052i
5.6	0.2936-0.0193i	0.2645+0.0147i	0.6967-0.0007i	-0.0968-0.0042i	0.0112-0.0041i	-0.0055-0.0030i	0.0053-0.0055i	0.0067-0.0042i

5.7	0.2985−0.0195i	0.2640+0.0139i	0.6988−0.0042i	−0.0933−0.0017i	0.0116−0.0042i	−0.0050−0.0029i	0.0060−0.0056i	0.0076−0.0047i
5.8	0.3037−0.0237i	0.2648+0.0154i	0.7024−0.0056i	−0.0897−0.0033i	0.0117−0.0052i	−0.0050−0.0039i	0.0062−0.0070i	0.0073−0.0067i
5.9	0.3065−0.0249i	0.2682+0.0157i	0.7079−0.0056i	−0.0882−0.0042i	0.0112−0.0055i	−0.0053−0.0042i	0.0055−0.0074i	0.0067−0.0071i
6.0	0.3121−0.0240i	0.2700+0.0133i	0.7139−0.0058i	−0.0857−0.0053i	0.0113−0.0052i	−0.0052−0.0038i	0.0055−0.0069i	0.0068−0.0064i
6.1	0.3208−0.0258i	0.2696+0.0120i	0.7221−0.0076i	−0.0842−0.0066i	0.0122−0.0051i	−0.0046−0.0038i	0.0066−0.0068i	0.0079−0.0067i
6.2	0.3354−0.0301i	0.2686+0.0130i	0.7360−0.0103i	−0.0820−0.0085i	0.0134−0.0059i	−0.0033−0.0044i	0.0084−0.0078i	0.0099−0.0078i
6.3	0.3475−0.0344i	0.2686+0.0135i	0.7458−0.0139i	−0.0786−0.0095i	0.0144−0.0066i	−0.0024−0.0051i	0.0097−0.0088i	0.0113−0.0087i
6.4	0.3620−0.0410i	0.2681+0.0147i	0.7572−0.0183i	−0.0738−0.0112i	0.0158−0.0076i	−0.0012−0.0058i	0.0114−0.0099i	0.0130−0.0101i
6.5	0.3825−0.0484i	0.2671+0.0154i	0.7713−0.0226i	−0.0666−0.0142i	0.0177−0.0086i	0.0005−0.0067i	0.0138−0.0111i	0.0155−0.0116i
6.6	0.4114−0.0644i	0.2662+0.0193i	0.7905−0.0306i	−0.0542−0.0202i	0.0201−0.0110i	0.0028−0.0088i	0.0171−0.0143i	0.0192−0.0153i
6.7	0.4384−0.0848i	0.2649+0.0245i	0.8076−0.0412i	−0.0422−0.0265i	0.0223−0.0140i	0.0048−0.0115i	0.0199−0.0183i	0.0222−0.0197i
6.8	0.4968−0.1244i	0.2622+0.0312i	0.8430−0.0586i	−0.0147−0.0426i	0.0272−0.0187i	0.0094−0.0157i	0.0264−0.0246i	0.0288−0.0267i
6.9	0.5552−0.1829i	0.2603+0.0411i	0.8776−0.0853i	0.0153−0.0699i	0.0317−0.0254i	0.0136−0.0219i	0.0321−0.0336i	0.0350−0.0364i
7.0	0.5953−0.3671i	0.2694+0.0673i	0.9105−0.1775i	0.0398−0.1568i	0.0318−0.0456i	0.0137−0.0405i	0.0317−0.0602i	0.0344−0.0652i
7.1	0.5445−0.5779i	0.2899+0.0884i	0.8998−0.2868i	0.0197−0.2606i	0.0221−0.0659i	0.0048−0.0591i	0.0184−0.0867i	0.0200−0.0939i
7.2	0.1897−0.7139i	0.3397+0.0770i	0.7253−0.3768i	−0.1496−0.3408i	−0.0168−0.0707i	−0.0306−0.0638i	−0.0325−0.0920i	−0.0350−0.1001i
7.3	−0.0760−0.6456i	0.3644+0.0581i	0.5845−0.3446i	−0.2819−0.3183i	−0.0411−0.0589i	−0.0528−0.0531i	−0.0639−0.0761i	−0.0694−0.0828i
7.4	−0.2468−0.4532i	0.3821+0.0346i	0.5066−0.2372i	−0.3744−0.2326i	−0.0553−0.0383i	−0.0662−0.0345i	−0.0825−0.0494i	−0.0895−0.0535i
7.5	−0.2379−0.2430i	0.3782+0.0071i	0.5202−0.1349i	−0.3806−0.1308i	−0.0522−0.0173i	−0.0636−0.0152i	−0.0786−0.0217i	−0.0849−0.0237i
7.6	−0.1494−0.1288i	0.3631−0.0051i	0.5682−0.0799i	−0.3456−0.0724i	−0.0413−0.0066i	−0.0538−0.0051i	−0.0640−0.0073i	−0.0694−0.0081i
7.7	−0.0825−0.0977i	0.3573−0.0049i	0.6064−0.0631i	−0.3162−0.0532i	−0.0345−0.0044i	−0.0477−0.0030i	−0.0551−0.0044i	−0.0599−0.0047i
7.8	−0.0506−0.0902i	0.3594−0.0024i	0.6314−0.0593i	−0.3033−0.0464i	−0.0315−0.0041i	−0.0451−0.0027i	−0.0512−0.0041i	−0.0560−0.0047i
7.9	−0.0505−0.0779i	0.3702−0.0037i	0.6433−0.0537i	−0.3018−0.0406i	−0.0323−0.0030i	−0.0460−0.0016i	−0.0524−0.0026i	−0.0572−0.0030i
8.0	−0.0369−0.0497i	0.3733−0.0140i	0.6580−0.0463i	−0.2971−0.0283i	−0.0307+0.0002i	−0.0446+0.0015i	−0.0502+0.0018i	−0.0549+0.0017i
8.1	−0.0220−0.0340i	0.3767−0.0204i	0.6733−0.0410i	−0.2935−0.0230i	−0.0292+0.0023i	−0.0433+0.0035i	−0.0481+0.0048i	−0.0524+0.0052i
8.2	−0.0161−0.0167i	0.3818−0.0266i	0.6850−0.0336i	−0.2927−0.0190i	−0.0288+0.0045i	−0.0430+0.0056i	−0.0475+0.0076i	−0.0517+0.0081i
8.3	−0.0060−0.0014i	0.3848−0.0322i	0.6999−0.0295i	−0.2903−0.0139i	−0.0280+0.0061i	−0.0422+0.0071i	−0.0461+0.0096i	−0.0504+0.0099i
8.4	0.0024+0.0058i	0.3906−0.0374i	0.7141−0.0298i	−0.2885−0.0108i	−0.0274+0.0069i	−0.0417+0.0080i	−0.0454+0.0107i	−0.0499+0.0112i
8.5	0.0071+0.0129i	0.3986−0.0417i	0.7297−0.0275i	−0.2876−0.0091i	−0.0274+0.0078i	−0.0417+0.0088i	−0.0452+0.0117i	−0.0496+0.0126i
8.6	0.0063+0.0225i	0.4124−0.0497i	0.7443−0.0273i	−0.2866−0.0082i	−0.0288+0.0090i	−0.0432+0.0100i	−0.0472+0.0134i	−0.0519+0.0145i
8.7	0.0018+0.0355i	0.4310−0.0641i	0.7588−0.0305i	−0.2838−0.0082i	−0.0307+0.0110i	−0.0452+0.0120i	−0.0499+0.0164i	−0.0548+0.0180i
8.8	−0.0069+0.0507i	0.4536−0.0807i	0.7733−0.0323i	−0.2820−0.0089i	−0.0334+0.0135i	−0.0479+0.0147i	−0.0536+0.0197i	−0.0588+0.0219i
8.9	−0.0140+0.0748i	0.4758−0.1130i	0.7900−0.0375i	−0.2796−0.0132i	−0.0362+0.0186i	−0.0507+0.0197i	−0.0575+0.0268i	−0.0633+0.0294i
9.0	−0.0110+0.1061i	0.4809−0.1582i	0.8029−0.0461i	−0.2822−0.0215i	−0.0364+0.0255i	−0.0509+0.0267i	−0.0577+0.0363i	−0.0634+0.0397i
9.1	0.0033+0.1354i	0.4750−0.2010i	0.8143−0.0554i	−0.2859−0.0307i	−0.0349+0.0319i	−0.0493+0.0331i	−0.0553+0.0449i	−0.0607+0.0492i
9.2	−0.0186+0.1719i	0.5146−0.2552i	0.8311−0.0685i	−0.2809−0.0418i	−0.0404+0.0406i	−0.0546+0.0416i	−0.0632+0.0566i	−0.0689+0.0623i
9.3	0.0102+0.2798i	0.4779−0.4144i	0.8368−0.1054i	−0.2920−0.0716i	−0.0338+0.0652i	−0.0479+0.0660i	−0.0540+0.0906i	−0.0586+0.0991i
9.4	0.1322+0.3435i	0.3059−0.5129i	0.8107−0.1269i	−0.3297−0.0923i	−0.0065+0.0793i	−0.0208+0.0797i	−0.0165+0.1101i	−0.0173+0.1194i
9.5	0.2912+0.3070i	0.0789−0.4621i	0.7776−0.1166i	−0.3858−0.0868i	0.0286+0.0707i	0.0137+0.0706i	0.0321+0.0983i	0.0343+0.1055i
9.6	0.3293+0.2154i	0.0232−0.3293i	0.7741−0.0908i	−0.4038−0.0600i	0.0368+0.0499i	0.0215+0.0499i	0.0438+0.0695i	0.0456+0.0745i
9.7	0.3364+0.1399i	0.0164−0.2201i	0.7845−0.0681i	−0.4144−0.0387i	0.0378+0.0327i	0.0221+0.0329i	0.0450+0.0459i	0.0465+0.0488i
9.8	0.3200+0.0960i	0.0446−0.1549i	0.8019−0.0574i	−0.4201−0.0227i	0.0335+0.0227i	0.0176+0.0232i	0.0389+0.0320i	0.0398+0.0337i
9.9	0.3010+0.0660i	0.0746−0.1105i	0.8191−0.0507i	−0.4226−0.0114i	0.0290+0.0161i	0.0130+0.0168i	0.0327+0.0228i	0.0329+0.0240i
10.0	0.2879+0.0515i	0.0956−0.0897i	0.8330−0.0495i	−0.4247−0.0043i	0.0255+0.0128i	0.0098+0.0137i	0.0284+0.0181i	0.0281+0.0195i
10.1	0.2742+0.0391i	0.1194−0.0743i	0.8508−0.0512i	−0.4305+0.0029i	0.0219+0.0102i	0.0063+0.0113i	0.0235+0.0144i	0.0225+0.0162i
10.2	0.2666+0.0323i	0.1335−0.0681i	0.8641−0.0529i	−0.4357+0.0049i	0.0198+0.0092i	0.0041+0.0102i	0.0204+0.0129i	0.0194+0.0146i
10.3	0.2604+0.0286i	0.1441−0.0662i	0.8760−0.0555i	−0.4408+0.0045i	0.0181+0.0088i	0.0025+0.0099i	0.0181+0.0124i	0.0168+0.0139i
10.4	0.2561+0.0258i	0.1481−0.0623i	0.8891−0.0552i	−0.4529+0.0037i	0.0175+0.0082i	0.0017+0.0092i	0.0172+0.0114i	0.0151+0.0131i
10.5	0.2541+0.0231i	0.1478−0.0574i	0.8980−0.0523i	−0.4637+0.0052i	0.0172+0.0076i	0.0014+0.0088i	0.0169+0.0103i	0.0148+0.0121i
10.6	0.2527+0.0180i	0.1495−0.0475i	0.9123−0.0512i	−0.4772+0.0081i	0.0169+0.0062i	0.0011+0.0076i	0.0165+0.0086i	0.0143+0.0100i
10.7	0.2489+0.0141i	0.1536−0.0384i	0.9262−0.0488i	−0.4883+0.0132i	0.0162+0.0049i	0.0002+0.0062i	0.0158+0.0069i	0.0129+0.0085i
10.8	0.2441+0.0104i	0.1625−0.0299i	0.9419−0.0493i	−0.4988+0.0202i	0.0150+0.0040i	−0.0010+0.0051i	0.0141+0.0053i	0.0112+0.0072i
10.9	0.2415+0.0078i	0.1732−0.0227i	0.9600−0.0492i	−0.5107+0.0253i	0.0138+0.0033i	−0.0021+0.0046i	0.0124+0.0042i	0.0092+0.0062i
11.0	0.2387+0.0076i	0.1801−0.0209i	0.9792−0.0506i	−0.5223+0.0269i	0.0127+0.0030i	−0.0031+0.0043i	0.0113+0.0036i	0.0076+0.0061i
11.1	0.2363+0.0069i	0.1842−0.0202i	0.9928−0.0519i	−0.5318+0.0271i	0.0121+0.0029i	−0.0037+0.0043i	0.0107+0.0033i	0.0068+0.0060i
11.2	0.2344+0.0052i	0.1886−0.0194i	1.0070−0.0509i	−0.5422+0.0283i	0.0117+0.0027i	−0.0044+0.0043i	0.0101+0.0029i	0.0057+0.0062i
11.3	0.2330+0.0054i	0.1943−0.0160i	1.0323−0.0509i	−0.5616+0.0283i	0.0111+0.0024i	−0.0050+0.0039i	0.0089+0.0021i	0.0046+0.0059i
11.4	0.2313+0.0052i	0.1989−0.0144i	1.0498−0.0539i	−0.5757+0.0315i	0.0107+0.0023i	−0.0054+0.0038i	0.0084+0.0017i	0.0042+0.0059i
11.5	0.2301+0.0029i	0.2040−0.0142i	1.0704−0.0583i	−0.5920+0.0349i	0.0102+0.0021i	−0.0060+0.0037i	0.0077+0.0014i	0.0033+0.0059i
11.6	0.2291+0.0027i	0.2083−0.0147i	1.0934−0.0582i	−0.6106+0.0357i	0.0097+0.0020i	−0.0067+0.0036i	0.0069+0.0011i	0.0026+0.0057i
11.7	0.2276+0.0036i	0.2119−0.0132i	1.1148−0.0584i	−0.6276+0.0373i	0.0092+0.0021i	−0.0071+0.0035i	0.0060+0.0010i	0.0016+0.0055i
11.8	0.2269+0.0038i	0.2152−0.0123i	1.1378−0.0630i	−0.6470+0.0405i	0.0087+0.0021i	−0.0078+0.0037i	0.0055+0.0009i	0.0006+0.0063i
11.9	0.2251+0.0042i	0.2208−0.0148i	1.1635−0.0690i	−0.6674+0.0449i	0.0081+0.0021i	−0.0085+0.0040i	0.0048+0.0007i	−0.0005+0.0067i

12.0	0.2231+0.0052i	0.2247-0.0172i	1.1917-0.0705i	-0.6903+0.0475i	0.0075+0.0023i	-0.0090+0.0042i	0.0046+0.0008i	-0.0018+0.0067i
12.1	0.2216+0.0068i	0.2264-0.0198i	1.2247-0.0732i	-0.7190+0.0472i	0.0071+0.0028i	-0.0096+0.0045i	0.0041+0.0010i	-0.0028+0.0081i
12.2	0.2216+0.0073i	0.2289-0.0206i	1.2512-0.0825i	-0.7417+0.0526i	0.0069+0.0031i	-0.0099+0.0048i	0.0039+0.0007i	-0.0033+0.0095i
12.3	0.2235+0.0094i	0.2294-0.0241i	1.2826-0.0913i	-0.7700+0.0588i	0.0067+0.0034i	-0.0100+0.0053i	0.0040+0.0008i	-0.0034+0.0107i
12.4	0.2225+0.0098i	0.2306-0.0274i	1.3166-0.1012i	-0.8021+0.0644i	0.0068+0.0038i	-0.0100+0.0061i	0.0041+0.0009i	-0.0034+0.0124i
12.5	0.2230+0.0104i	0.2298-0.0299i	1.3485-0.1136i	-0.8330+0.0754i	0.0072+0.0042i	-0.0098+0.0067i	0.0043+0.0002i	-0.0028+0.0139i
12.6	0.2249+0.0112i	0.2276-0.0292i	1.3770-0.1242i	-0.8612+0.0849i	0.0075+0.0043i	-0.0096+0.0068i	0.0041-0.0006i	-0.0019+0.0151i
12.7	0.2268+0.0091i	0.2248-0.0286i	1.4127-0.1430i	-0.8951+0.1006i	0.0077+0.0044i	-0.0092+0.0068i	0.0033-0.0016i	-0.0001+0.0162i
12.8	0.2284+0.0082i	0.2242-0.0283i	1.4417-0.1540i	-0.9219+0.1120i	0.0079+0.0041i	-0.0090+0.0069i	0.0028-0.0026i	0.0009+0.0176i
12.9	0.2313+0.0094i	0.2227-0.0278i	1.4777-0.1689i	-0.9572+0.1267i	0.0084+0.0040i	-0.0085+0.0069i	0.0018-0.0028i	0.0028+0.0177i
13.0	0.2314+0.0093i	0.2222-0.0255i	1.5071-0.1774i	-0.9855+0.1372i	0.0086+0.0039i	-0.0082+0.0067i	0.0006-0.0027i	0.0054+0.0168i
13.1	0.2303+0.0086i	0.2237-0.0256i	1.5379-0.1874i	-1.0147+0.1458i	0.0086+0.0037i	-0.0082+0.0066i	-0.0006-0.0023i	0.0059+0.0159i
13.2	0.2300+0.0092i	0.2244-0.0252i	1.5829-0.1841i	-1.0555+0.1426i	0.0085+0.0036i	-0.0083+0.0064i	-0.0018-0.0015i	0.0074+0.0151i
13.3	0.2320+0.0079i	0.2229-0.0255i	1.6437-0.1863i	-1.1138+0.1403i	0.0089+0.0038i	-0.0082+0.0062i	-0.0017-0.0006i	0.0082+0.0131i
13.4	0.2352+0.0058i	0.2213-0.0260i	1.6910-0.1975i	-1.1606+0.1498i	0.0093+0.0036i	-0.0078+0.0060i	-0.0010-0.0001i	0.0083+0.0118i
13.5	0.2376+0.0060i	0.2179-0.0271i	1.7445-0.2110i	-1.2136+0.1627i	0.0098+0.0036i	-0.0075+0.0061i	-0.0002+0.0005i	0.0088+0.0114i
13.6	0.2377+0.0079i	0.2124-0.0244i	1.8203-0.2290i	-1.2876+0.1807i	0.0102+0.0036i	-0.0074+0.0060i	0.0004+0.0006i	0.0089+0.0107i
13.7	0.2420+0.0065i	0.2033-0.0221i	1.9030-0.2393i	-1.3712+0.1922i	0.0113+0.0030i	-0.0066+0.0055i	0.0020-0.0000i	0.0092+0.0101i
13.8	0.2452+0.0050i	0.1987-0.0157i	1.9849-0.2640i	-1.4506+0.2219i	0.0120+0.0022i	-0.0066+0.0050i	0.0029-0.0008i	0.0092+0.0094i
13.9	0.2463+0.0031i	0.1964-0.0084i	2.0587-0.2890i	-1.5236+0.2517i	0.0122+0.0016i	-0.0068+0.0045i	0.0034-0.0018i	0.0093+0.0085i
14.0	0.2509+0.0003i	0.1930+0.0008i	2.1660-0.3196i	-1.6247+0.2874i	0.0125+0.0005i	-0.0067+0.0036i	0.0037-0.0037i	0.0098+0.0069i
14.1	0.2538-0.0027i	0.1937+0.0094i	2.2721-0.3669i	-1.7215+0.3345i	0.0127-0.0008i	-0.0070+0.0028i	0.0037-0.0057i	0.0104+0.0059i
14.2	0.2584-0.0042i	0.1939+0.0177i	2.3820-0.4299i	-1.8239+0.3982i	0.0128-0.0014i	-0.0070+0.0028i	0.0041-0.0067i	0.0099+0.0055i
14.3	0.2593-0.0062i	0.1965+0.0281i	2.5196-0.4881i	-1.9464+0.4621i	0.0129-0.0022i	-0.0070+0.0025i	0.0040-0.0082i	0.0095+0.0050i
14.4	0.2632-0.0170i	0.1940+0.0451i	2.6878-0.5650i	-2.1030+0.5429i	0.0133-0.0043i	-0.0073+0.0007i	0.0041-0.0107i	0.0099+0.0026i
14.5	0.2727-0.0252i	0.1894+0.0600i	2.8444-0.6636i	-2.2485+0.6422i	0.0141-0.0063i	-0.0068-0.0009i	0.0053-0.0135i	0.0105+0.0002i
14.6	0.2761-0.0350i	0.1946+0.0788i	2.9864-0.7853i	-2.3744+0.7671i	0.0140-0.0087i	-0.0070-0.0025i	0.0052-0.0176i	0.0103-0.0020i
14.7	0.2708-0.0582i	0.2162+0.1163i	3.1582-1.0208i	-2.5214+1.0051i	0.0117-0.0135i	-0.0094-0.0062i	0.0024-0.0251i	0.0061-0.0069i
14.8	0.2599-0.0696i	0.2494+0.1286i	3.2327-1.1975i	-2.5693+1.1738i	0.0079-0.0159i	-0.0129-0.0078i	-0.0024-0.0301i	0.0000-0.0075i
14.9	0.2514-0.0643i	0.2843+0.1125i	3.3532-1.3314i	-2.6537+1.2863i	0.0038-0.0153i	-0.0174-0.0068i	-0.0118-0.0346i	-0.0023-0.0001i
15.0	0.2452-0.0641i	0.3011+0.0942i	3.5265-1.3905i	-2.7978+1.3212i	0.0013-0.0149i	-0.0210-0.0055i	-0.0232-0.0333i	0.0008-0.0009i
15.1	0.2483-0.0655i	0.3026+0.0815i	3.8068-1.5202i	-3.0607+1.4224i	-0.0011-0.0146i	-0.0237-0.0036i	-0.0278-0.0286i	-0.0019-0.0039i
15.2	0.2604-0.0677i	0.2879+0.0690i	4.1489-1.8609i	-3.3947+1.7267i	-0.0027-0.0117i	-0.0253+0.0006i	-0.0316-0.0230i	-0.0037-0.0000i
15.3	0.2918-0.0743i	0.2569+0.0701i	4.6495-2.2584i	-3.8707+2.0883i	-0.0009-0.0093i	-0.0246+0.0046i	-0.0328-0.0176i	-0.0004+0.0030i
15.4	0.3388-0.0933i	0.2120+0.0888i	5.2404-2.9168i	-4.4332+2.7016i	0.0043-0.0082i	-0.0199+0.0084i	-0.0290-0.0129i	0.0071+0.0042i
15.5	0.3820-0.1577i	0.1748+0.1513i	5.6632-4.0645i	-4.8403+3.7744i	0.0105-0.0131i	-0.0134+0.0074i	-0.0234-0.0142i	0.0163-0.0024i
15.6	0.4300-0.2980i	0.1350+0.2824i	5.9654-6.1850i	-5.1378+5.7615i	0.0176-0.0264i	-0.0042+0.0013i	-0.0176-0.0242i	0.0286-0.0196i
15.7	0.4169-0.4400i	0.1522+0.4150i	5.6071-8.1057i	-4.8129+7.5712i	0.0175-0.0411i	-0.0004-0.0083i	-0.0187-0.0375i	0.0309-0.0382i
15.8	0.1646-0.6737i	0.4022+0.6269i	2.4933-10.4255i	-1.9021+9.7701i	-0.0087-0.0678i	-0.0134-0.0325i	-0.0452-0.0611i	-0.0007-0.0764i
15.9	-0.1570-0.7113i	0.7186+0.6507i	-1.1854-10.4671i	1.5577+9.8335i	-0.0445-0.0731i	-0.0379-0.0428i	-0.0804-0.0622i	-0.0456-0.0866i
16.0	-0.3755-0.5320i	0.9256+0.4650i	-3.4195-8.4631i	3.6729+7.9605i	-0.0691-0.0528i	-0.0588-0.0318i	-0.1030-0.0386i	-0.0781-0.0625i
16.1	-0.4732-0.3543i	1.0106+0.2845i	-4.2815-6.4432i	4.4970+6.0603i	-0.0798-0.0327i	-0.0697-0.0191i	-0.1117-0.0171i	-0.0926-0.0380i
16.2	-0.5056-0.2511i	1.0376+0.1839i	-4.2220-5.1793i	4.4495+4.8725i	-0.0838-0.0214i	-0.0754-0.0118i	-0.1154-0.0060i	-0.0987-0.0241i
16.3	-0.5344-0.1308i	1.0644+0.0710i	-3.7021-3.9679i	3.9687+3.7316i	-0.0880-0.0083i	-0.0831-0.0019i	-0.1210+0.0077i	-0.1054-0.0084i
16.4	-0.5888-0.0353i	1.1189-0.0203i	-3.2763-3.2713i	3.5751+3.0745i	-0.0951+0.0031i	-0.0926+0.0079i	-0.1303+0.0212i	-0.1156+0.0052i
16.5	-0.7031+0.0641i	1.2376-0.1147i	-2.9011-2.8192i	3.2322+2.6512i	-0.1097+0.0153i	-0.1090+0.0192i	-0.1484+0.0368i	-0.1351+0.0197i
16.6	-0.8099+0.2340i	1.3527-0.2853i	-2.6224-2.6880i	2.9839+2.5237i	-0.1240+0.0364i	-0.1241+0.0403i	-0.1651+0.0640i	-0.1548+0.0467i
16.7	-0.8300+0.5433i	1.3841-0.6067i	-2.4444-2.6540i	2.8286+2.4726i	-0.1273+0.0765i	-0.1277+0.0807i	-0.1668+0.1151i	-0.1603+0.0989i
16.8	-0.6917+0.9652i	1.2399-1.0515i	-2.5721-2.6013i	2.9453+2.3954i	-0.1069+0.1308i	-0.1070+0.1347i	-0.1368+0.1825i	-0.1343+0.1704i
16.9	-0.3965+1.2433i	0.9262-1.3297i	-2.7003-2.2542i	3.0486+2.0647i	-0.0672+0.1632i	-0.0674+0.1658i	-0.0846+0.2203i	-0.0827+0.2126i
17.0	-0.0143+1.3379i	0.5399-1.4119i	-2.5611-2.0296i	2.9108+1.8607i	-0.0195+0.1712i	-0.0204+0.1731i	-0.0244+0.2268i	-0.0200+0.2226i
17.1	0.3781+1.3953i	0.1613-1.4603i	-2.5975-1.9105i	2.9512+1.7539i	0.0266+0.1750i	0.0258+0.1765i	0.0334+0.2291i	0.0398+0.2265i
17.2	0.7903+1.1600i	-0.2430-1.2398i	-2.5641-1.5380i	2.9259+1.3904i	0.0739+0.1463i	0.0730+0.1463i	0.0915+0.1916i	0.1009+0.1891i
17.3	0.9492+0.7466i	-0.4089-0.8367i	-2.3048-1.3025i	2.6739+1.1617i	0.0924+0.0970i	0.0904+0.0962i	0.1134+0.1290i	0.1247+0.1257i
17.4	0.8727+0.4900i	-0.3403-0.5821i	-2.1282-1.2456i	2.4967+1.1102i	0.0839+0.0656i	0.0812+0.0650i	0.1023+0.0891i	0.1137+0.0844i
17.5	0.8477+0.4116i	-0.3145-0.5031i	-2.0996-1.1832i	2.4713+1.0557i	0.0800+0.0554i	0.0771+0.0546i	0.0970+0.0758i	0.1085+0.0701i
17.6	0.8350+0.2606i	-0.2993-0.3563i	-1.9987-1.0346i	2.3813+0.9122i	0.0764+0.0380i	0.0731+0.0365i	0.0922+0.0539i	0.1030+0.0469i
17.7	0.7583+0.1770i	-0.2300-0.2759i	-1.8713-0.9957i	2.2539+0.8719i	0.0676+0.0293i	0.0636+0.0273i	0.0808+0.0427i	0.0912+0.0357i
17.8	0.6671+0.1160i	-0.1499-0.2135i	-1.7864-0.9899i	2.1644+0.8681i	0.0578+0.0223i	0.0533+0.0204i	0.0686+0.0339i	0.0785+0.0274i
17.9	0.6275+0.0922i	-0.1152-0.1874i	-1.7624-0.9636i	2.1369+0.8459i	0.0537+0.0195i	0.0489+0.0175i	0.0634+0.0300i	0.0727+0.0240i
18.0	0.5901+0.0818i	-0.0806-0.1716i	-1.7434-0.9091i	2.1180+0.7992i	0.0495+0.0180i	0.0445+0.0156i	0.0583+0.0278i	0.0671+0.0216i
18.1	0.5597+0.0747i	-0.0524-0.1546i	-1.7054-0.8346i	2.0848+0.7394i	0.0463+0.0161i	0.0409+0.0134i	0.0544+0.0247i	0.0628+0.0189i
18.2	0.5254+0.0640i	-0.0149-0.1379i	-1.6519-0.7748i	2.0369+0.6937i	0.0423+0.0141i	0.0363+0.0114i	0.0493+0.0211i	0.0570+0.0163i

18.3	0.5059+0.0630i	0.0091-0.1321i	-1.6112-0.7173i	2.0042+0.6452i	0.0393+0.0133i	0.0330+0.0107i	0.0455+0.0194i	0.0531+0.0152i
18.4	0.4861+0.0717i	0.0350-0.1295i	-1.5548-0.6356i	1.9592+0.5817i	0.0364+0.0124i	0.0295+0.0101i	0.0416+0.0177i	0.0488+0.0144i
18.5	0.4985+0.0975i	0.0471-0.1485i	-1.4740-0.5871i	1.9081+0.5457i	0.0350+0.0137i	0.0277+0.0117i	0.0388+0.0182i	0.0472+0.0166i
18.6	0.5644+0.0884i	0.0238-0.1634i	-1.3775-0.6075i	1.8614+0.5431i	0.0372+0.0146i	0.0304+0.0124i	0.0397+0.0193i	0.0498+0.0178i
18.7	0.5785+0.0101i	-0.0021-0.1310i	-1.3970-0.6460i	1.8762+0.5300i	0.0391+0.0113i	0.0324+0.0085i	0.0419+0.0158i	0.0520+0.0145i
18.8	0.5438-0.0241i	0.0111-0.1070i	-1.4271-0.6145i	1.8825+0.4857i	0.0372+0.0094i	0.0301+0.0063i	0.0397+0.0131i	0.0497+0.0126i
18.9	0.5225-0.0388i	0.0228-0.0932i	-1.4232-0.5653i	1.8703+0.4350i	0.0358+0.0082i	0.0284+0.0051i	0.0376+0.0111i	0.0479+0.0119i
19.0	0.4970-0.0546i	0.0365-0.0805i	-1.3974-0.5045i	1.8370+0.3716i	0.0343+0.0070i	0.0268+0.0038i	0.0351+0.0090i	0.0468+0.0107i
19.1	0.4726-0.0669i	0.0533-0.0686i	-1.3670-0.4263i	1.7977+0.2982i	0.0321+0.0057i	0.0244+0.0025i	0.0317+0.0070i	0.0451+0.0098i
19.2	0.4578-0.0689i	0.0640-0.0640i	-1.3341-0.3927i	1.7620+0.2660i	0.0308+0.0052i	0.0231+0.0020i	0.0295+0.0066i	0.0441+0.0094i
19.3	0.4379-0.0739i	0.0768-0.0586i	-1.2825-0.3451i	1.7087+0.2187i	0.0294+0.0049i	0.0216+0.0018i	0.0267+0.0059i	0.0433+0.0097i
19.4	0.4276-0.0784i	0.0845-0.0565i	-1.2561-0.3149i	1.6800+0.1918i	0.0286+0.0050i	0.0207+0.0018i	0.0246+0.0056i	0.0436+0.0104i
19.5	0.4128-0.0821i	0.0932-0.0504i	-1.2146-0.2822i	1.6347+0.1599i	0.0277+0.0048i	0.0196+0.0016i	0.0226+0.0056i	0.0446+0.0107i
19.6	0.3998-0.0820i	0.1003-0.0498i	-1.1759-0.2630i	1.5903+0.1434i	0.0271+0.0047i	0.0186+0.0013i	0.0205+0.0055i	0.0454+0.0101i
19.7	0.3883-0.0763i	0.1101-0.0511i	-1.1407-0.2413i	1.5551+0.1276i	0.0261+0.0047i	0.0176+0.0013i	0.0178+0.0062i	0.0451+0.0088i
19.8	0.3810-0.0716i	0.1178-0.0511i	-1.1043-0.2241i	1.5204+0.1164i	0.0253+0.0048i	0.0168+0.0015i	0.0158+0.0070i	0.0453+0.0083i
19.9	0.3759-0.0670i	0.1232-0.0525i	-1.0679-0.2081i	1.4857+0.1022i	0.0246+0.0053i	0.0161+0.0020i	0.0135+0.0084i	0.0459+0.0079i
20.0	0.3755-0.0678i	0.1280-0.0536i	-1.0463-0.1956i	1.4673+0.0913i	0.0244+0.0054i	0.0159+0.0018i	0.0115+0.0098i	0.0475+0.0067i
20.1	0.3745-0.0704i	0.1326-0.0549i	-1.0136-0.1813i	1.4375+0.0755i	0.0244+0.0059i	0.0160+0.0022i	0.0104+0.0125i	0.0492+0.0055i
20.2	0.3669-0.0716i	0.1377-0.0600i	-0.9852-0.1754i	1.4061+0.0667i	0.0240+0.0064i	0.0157+0.0026i	0.0097+0.0150i	0.0502+0.0039i
20.3	0.3598-0.0700i	0.1418-0.0626i	-0.9645-0.1693i	1.3822+0.0589i	0.0239+0.0065i	0.0158+0.0025i	0.0091+0.0171i	0.0512+0.0020i
20.4	0.3504-0.0707i	0.1446-0.0641i	-0.9371-0.1584i	1.3534+0.0493i	0.0240+0.0064i	0.0158+0.0025i	0.0087+0.0201i	0.0523-0.0012i
20.5	0.3429-0.0694i	0.1483-0.0676i	-0.9175-0.1487i	1.3296+0.0408i	0.0238+0.0065i	0.0154+0.0020i	0.0088+0.0231i	0.0523-0.0049i
20.6	0.3407-0.0670i	0.1511-0.0677i	-0.8997-0.1383i	1.3133+0.0359i	0.0235+0.0062i	0.0152+0.0013i	0.0097+0.0264i	0.0508-0.0097i
20.7	0.3415-0.0658i	0.1472-0.0690i	-0.8861-0.1263i	1.3009+0.0298i	0.0239+0.0062i	0.0154+0.0012i	0.0115+0.0286i	0.0492-0.0126i
20.8	0.3419-0.0632i	0.1448-0.0700i	-0.8646-0.1214i	1.2792+0.0263i	0.0242+0.0065i	0.0151+0.0011i	0.0141+0.0307i	0.0469-0.0150i
20.9	0.3398-0.0603i	0.1473-0.0706i	-0.8490-0.1118i	1.2644+0.0197i	0.0240+0.0067i	0.0144+0.0014i	0.0169+0.0322i	0.0432-0.0164i
21.0	0.3392-0.0587i	0.1479-0.0705i	-0.8329-0.1008i	1.2537+0.0114i	0.0236+0.0068i	0.0139+0.0017i	0.0192+0.0338i	0.0399-0.0171i
21.1	0.3350-0.0611i	0.1496-0.0704i	-0.8149-0.0929i	1.2406+0.0023i	0.0237+0.0071i	0.0137+0.0017i	0.0227+0.0351i	0.0363-0.0180i
21.2	0.3363-0.0626i	0.1468-0.0732i	-0.7932-0.0876i	1.2208-0.0089i	0.0244+0.0075i	0.0144+0.0018i	0.0266+0.0348i	0.0349-0.0169i
21.3	0.3363-0.0674i	0.1452-0.0725i	-0.7805-0.0855i	1.2048-0.0152i	0.0248+0.0073i	0.0148+0.0014i	0.0300+0.0339i	0.0334-0.0168i
21.4	0.3272-0.0680i	0.1464-0.0733i	-0.7677-0.0808i	1.1821-0.0224i	0.0251+0.0067i	0.0150+0.0012i	0.0328+0.0317i	0.0319-0.0154i
21.5	0.3177-0.0657i	0.1488-0.0732i	-0.7559-0.0724i	1.1629-0.0283i	0.0252+0.0061i	0.0150+0.0010i	0.0352+0.0292i	0.0302-0.0145i
21.6	0.3183-0.0649i	0.1475-0.0710i	-0.7472-0.0665i	1.1538-0.0309i	0.0254+0.0056i	0.0154+0.0004i	0.0378+0.0275i	0.0287-0.0143i
21.7	0.3168-0.0608i	0.1475-0.0705i	-0.7350-0.0595i	1.1382-0.0358i	0.0254+0.0054i	0.0152-0.0001i	0.0388+0.0247i	0.0280-0.0125i
21.8	0.3121-0.0578i	0.1509-0.0709i	-0.7205-0.0527i	1.1231-0.0376i	0.0249+0.0053i	0.0148-0.0002i	0.0381+0.0221i	0.0278-0.0113i
21.9	0.3111-0.0608i	0.1512-0.0718i	-0.7084-0.0473i	1.1105-0.0439i	0.0246+0.0048i	0.0147-0.0013i	0.0381+0.0198i	0.0282-0.0109i
22.0	0.3096-0.0595i	0.1510-0.0708i	-0.7063-0.0378i	1.1039-0.0469i	0.0245+0.0046i	0.0146-0.0020i	0.0380+0.0177i	0.0287-0.0105i
22.1	0.3079-0.0547i	0.1491-0.0721i	-0.6977-0.0275i	1.0906-0.0510i	0.0247+0.0050i	0.0147-0.0022i	0.0380+0.0161i	0.0292-0.0093i
22.2	0.3073-0.0529i	0.1512-0.0746i	-0.6865-0.0152i	1.0806-0.0578i	0.0243+0.0055i	0.0142-0.0027i	0.0376+0.0147i	0.0291-0.0087i
22.3	0.3040-0.0527i	0.1484-0.0727i	-0.6823-0.0027i	1.0722-0.0611i	0.0240+0.0054i	0.0140-0.0036i	0.0368+0.0134i	0.0299-0.0096i
22.4	0.3020-0.0513i	0.1478-0.0737i	-0.6712+0.0185i	1.0610-0.0672i	0.0242+0.0054i	0.0135-0.0040i	0.0353+0.0119i	0.0312-0.0108i
22.5	0.3023-0.0501i	0.1474-0.0744i	-0.6558+0.0348i	1.0516-0.0734i	0.0241+0.0056i	0.0126-0.0047i	0.0343+0.0117i	0.0307-0.0121i
22.6	0.2996-0.0469i	0.1442-0.0753i	-0.6314+0.0568i	1.0352-0.0828i	0.0242+0.0062i	0.0115-0.0052i	0.0331+0.0114i	0.0298-0.0140i
22.7	0.3003-0.0436i	0.1398-0.0718i	-0.6066+0.0697i	1.0198-0.0902i	0.0248+0.0062i	0.0104-0.0050i	0.0321+0.0117i	0.0290-0.0146i
22.8	0.2983-0.0404i	0.1379-0.0681i	-0.5796+0.0762i	1.0023-0.0930i	0.0250+0.0064i	0.0090-0.0047i	0.0315+0.0122i	0.0266-0.0149i
22.9	0.3003-0.0344i	0.1358-0.0666i	-0.5472+0.0743i	0.9824-0.0884i	0.0257+0.0069i	0.0083-0.0035i	0.0317+0.0134i	0.0249-0.0142i
23.0	0.3014-0.0326i	0.1349-0.0678i	-0.5207+0.0699i	0.9666-0.0858i	0.0264+0.0073i	0.0083-0.0019i	0.0317+0.0149i	0.0253-0.0125i
23.1	0.3021-0.0311i	0.1312-0.0589i	-0.4995+0.0602i	0.9504-0.0772i	0.0279+0.0063i	0.0089-0.0014i	0.0333+0.0151i	0.0255-0.0125i
23.2	0.3045-0.0270i	0.1335-0.0477i	-0.4822+0.0476i	0.9387-0.0666i	0.0280+0.0049i	0.0089-0.0016i	0.0337+0.0143i	0.0243-0.0137i
23.3	0.3064-0.0259i	0.1382-0.0434i	-0.4740+0.0382i	0.9371-0.0584i	0.0281+0.0044i	0.0088-0.0015i	0.0335+0.0135i	0.0240-0.0129i
23.4	0.3102-0.0240i	0.1427-0.0426i	-0.4652+0.0328i	0.9338-0.0536i	0.0277+0.0035i	0.0090-0.0013i	0.0338+0.0130i	0.0232-0.0121i
23.5	0.3112-0.0226i	0.1488-0.0410i	-0.4606+0.0240i	0.9356-0.0481i	0.0274+0.0032i	0.0094-0.0007i	0.0338+0.0130i	0.0225-0.0117i
23.6	0.3155-0.0245i	0.1554-0.0374i	-0.4542+0.0168i	0.9347-0.0466i	0.0275+0.0029i	0.0095-0.0008i	0.0342+0.0127i	0.0222-0.0117i
23.7	0.3183-0.0243i	0.1606-0.0375i	-0.4513+0.0104i	0.9339-0.0427i	0.0271+0.0027i	0.0096-0.0007i	0.0349+0.0128i	0.0216-0.0111i
23.8	0.3189-0.0237i	0.1639-0.0397i	-0.4503+0.0064i	0.9357-0.0416i	0.0266+0.0025i	0.0097-0.0005i	0.0349+0.0125i	0.0213-0.0102i
23.9	0.3209-0.0239i	0.1653-0.0422i	-0.4473+0.0072i	0.9335-0.0445i	0.0266+0.0027i	0.0100-0.0003i	0.0352+0.0123i	0.0218-0.0093i
24.0	0.3220-0.0255i	0.1695-0.0430i	-0.4465+0.0029i	0.9350-0.0416i	0.0263+0.0027i	0.0098-0.0005i	0.0351+0.0120i	0.0222-0.0089i
24.1	0.3227-0.0237i	0.1731-0.0460i	-0.4456-0.0029i	0.9375-0.0416i	0.0262+0.0029i	0.0103+0.0001i	0.0355+0.0124i	0.0221-0.0081i
24.2	0.3243-0.0235i	0.1723-0.0481i	-0.4452-0.0007i	0.9359-0.0462i	0.0262+0.0032i	0.0103+0.0003i	0.0357+0.0128i	0.0221-0.0070i
24.3	0.3250-0.0233i	0.1735-0.0480i	-0.4443+0.0030i	0.9341-0.0486i	0.0261+0.0031i	0.0104+0.0003i	0.0358+0.0124i	0.0222-0.0070i
24.4	0.3286-0.0227i	0.1750-0.0470i	-0.4427+0.0054i	0.9363-0.0484i	0.0263+0.0030i	0.0108+0.0002i	0.0362+0.0119i	0.0232-0.0069i
24.5	0.3331-0.0212i	0.1784-0.0496i	-0.4402+0.0095i	0.9402-0.0519i	0.0264+0.0032i	0.0112+0.0004i	0.0367+0.0116i	0.0237-0.0061i

24.6	0.3337−0.0191i	0.1836−0.0555i	−0.4390+0.0116i	0.9422−0.0559i	0.0262+0.0036i	0.0114+0.0005i	0.0369+0.0119i	0.0235−0.0054i
24.7	0.3346−0.0211i	0.1868−0.0565i	−0.4370+0.0145i	0.9439−0.0585i	0.0263+0.0041i	0.0117+0.0004i	0.0371+0.0123i	0.0246−0.0048i
24.8	0.3373−0.0219i	0.1886−0.0584i	−0.4354+0.0171i	0.9442−0.0636i	0.0266+0.0044i	0.0121+0.0005i	0.0378+0.0122i	0.0256−0.0044i
24.9	0.3422−0.0209i	0.1909−0.0650i	−0.4318+0.0192i	0.9471−0.0695i	0.0269+0.0042i	0.0127+0.0005i	0.0383+0.0122i	0.0267−0.0046i
25.0	0.3456−0.0214i	0.1944−0.0700i	−0.4334+0.0221i	0.9520−0.0740i	0.0273+0.0045i	0.0131+0.0005i	0.0384+0.0123i	0.0273−0.0041i
25.1	0.3485−0.0256i	0.1930−0.0760i	−0.4325+0.0218i	0.9537−0.0816i	0.0276+0.0049i	0.0137+0.0002i	0.0389+0.0127i	0.0290−0.0045i
25.2	0.3496−0.0253i	0.1931−0.0800i	−0.4323+0.0285i	0.9555−0.0913i	0.0279+0.0052i	0.0140−0.0002i	0.0396+0.0132i	0.0299−0.0052i
25.3	0.3518−0.0246i	0.1906−0.0858i	−0.4349+0.0336i	0.9592−0.0993i	0.0281+0.0050i	0.0142−0.0002i	0.0393+0.0127i	0.0309−0.0053i
25.4	0.3523−0.0265i	0.1918−0.0920i	−0.4324+0.0393i	0.9583−0.1096i	0.0287+0.0054i	0.0147+0.0000i	0.0397+0.0134i	0.0322−0.0045i
25.5	0.3557−0.0267i	0.1913−0.0980i	−0.4314+0.0406i	0.9594−0.1146i	0.0289+0.0058i	0.0149+0.0000i	0.0404+0.0144i	0.0331−0.0052i
25.6	0.3605−0.0265i	0.1898−0.1070i	−0.4316+0.0467i	0.9624−0.1271i	0.0297+0.0062i	0.0154−0.0001i	0.0411+0.0148i	0.0342−0.0056i
25.7	0.3617−0.0279i	0.1888−0.1207i	−0.4302+0.0595i	0.9612−0.1459i	0.0304+0.0068i	0.0157−0.0001i	0.0421+0.0156i	0.0350−0.0056i
25.8	0.3657−0.0293i	0.1805−0.1325i	−0.4319+0.0680i	0.9623−0.1641i	0.0313+0.0078i	0.0163−0.0001i	0.0438+0.0166i	0.0366−0.0056i
25.9	0.3702−0.0302i	0.1648−0.1433i	−0.4329+0.0720i	0.9552−0.1737i	0.0332+0.0084i	0.0176−0.0002i	0.0463+0.0182i	0.0399−0.0067i
26.0	0.3723−0.0312i	0.1508−0.1467i	−0.4336+0.0806i	0.9476−0.1849i	0.0349+0.0081i	0.0189−0.0009i	0.0490+0.0181i	0.0425−0.0083i
26.1	0.3756−0.0351i	0.1392−0.1504i	−0.4348+0.0966i	0.9453−0.2045i	0.0367+0.0070i	0.0202−0.0021i	0.0514+0.0173i	0.0444−0.0124i
26.2	0.3784−0.0393i	0.1248−0.1482i	−0.4306+0.1119i	0.9352−0.2177i	0.0375+0.0051i	0.0201−0.0039i	0.0537+0.0158i	0.0440−0.0171i
26.3	0.3773−0.0424i	0.1106−0.1450i	−0.4279+0.1242i	0.9236−0.2283i	0.0374+0.0036i	0.0195−0.0056i	0.0543+0.0140i	0.0423−0.0213i
26.4	0.3764−0.0437i	0.0982−0.1403i	−0.4223+0.1365i	0.9101−0.2390i	0.0379+0.0026i	0.0190−0.0068i	0.0552+0.0128i	0.0402−0.0247i
26.5	0.3736−0.0460i	0.0900−0.1335i	−0.4118+0.1505i	0.8935−0.2470i	0.0375+0.0017i	0.0177−0.0078i	0.0555+0.0114i	0.0370−0.0270i
26.6	0.3743−0.0450i	0.0824−0.1248i	−0.4030+0.1640i	0.8805−0.2481i	0.0366+0.0015i	0.0160−0.0073i	0.0554+0.0116i	0.0329−0.0270i
26.7	0.3728−0.0402i	0.0754−0.1206i	−0.3924+0.1800i	0.8712−0.2541i	0.0360+0.0024i	0.0148−0.0062i	0.0562+0.0132i	0.0292−0.0253i
26.8	0.3763−0.0373i	0.0695−0.1160i	−0.3838+0.1940i	0.8640−0.2617i	0.0366+0.0030i	0.0148−0.0054i	0.0582+0.0136i	0.0274−0.0245i
26.9	0.3849−0.0362i	0.0567−0.1122i	−0.3752+0.2106i	0.8584−0.2672i	0.0378+0.0039i	0.0154−0.0046i	0.0619+0.0141i	0.0269−0.0229i
27.0	0.3898−0.0368i	0.0480−0.1017i	−0.3682+0.2262i	0.8543−0.2771i	0.0385+0.0036i	0.0156−0.0042i	0.0648+0.0137i	0.0254−0.0226i
27.1	0.3962−0.0352i	0.0433−0.0883i	−0.3524+0.2464i	0.8439−0.2882i	0.0393+0.0033i	0.0160−0.0038i	0.0678+0.0129i	0.0233−0.0220i
27.2	0.4005−0.0342i	0.0400−0.0772i	−0.3228+0.2629i	0.8269−0.2957i	0.0400+0.0033i	0.0163−0.0032i	0.0702+0.0112i	0.0219−0.0195i
27.3	0.4069−0.0356i	0.0382−0.0671i	−0.2913+0.2795i	0.8090−0.3067i	0.0410+0.0036i	0.0169−0.0025i	0.0733+0.0092i	0.0206−0.0166i
27.4	0.4177−0.0361i	0.0361−0.0628i	−0.2569+0.2847i	0.7862−0.3126i	0.0427+0.0040i	0.0179−0.0015i	0.0763+0.0075i	0.0214−0.0137i
27.5	0.4235−0.0392i	0.0363−0.0571i	−0.2229+0.2809i	0.7641−0.3097i	0.0441+0.0033i	0.0188−0.0012i	0.0781+0.0044i	0.0228−0.0110i
27.6	0.4313−0.0441i	0.0350−0.0501i	−0.1919+0.2792i	0.7446−0.3064i	0.0456+0.0030i	0.0200−0.0011i	0.0800+0.0013i	0.0238−0.0084i
27.7	0.4446−0.0518i	0.0277−0.0371i	−0.1565+0.2621i	0.7210−0.2951i	0.0477+0.0018i	0.0222−0.0013i	0.0825−0.0024i	0.0272−0.0065i
27.8	0.4544−0.0588i	0.0245−0.0290i	−0.1312+0.2461i	0.7071−0.2836i	0.0497+0.0009i	0.0240−0.0018i	0.0843−0.0062i	0.0293−0.0057i
27.9	0.4575−0.0661i	0.0284−0.0243i	−0.1124+0.2229i	0.6976−0.2704i	0.0503−0.0005i	0.0246−0.0024i	0.0834−0.0094i	0.0314−0.0046i
28.0	0.4635−0.0752i	0.0303−0.0211i	−0.0967+0.1934i	0.6921−0.2545i	0.0511−0.0016i	0.0257−0.0031i	0.0830−0.0120i	0.0344−0.0039i
28.1	0.4726−0.0861i	0.0180−0.0145i	−0.0874+0.1649i	0.6834−0.2424i	0.0528−0.0022i	0.0268−0.0034i	0.0835−0.0136i	0.0379−0.0036i
28.2	0.4770−0.1078i	0.0039+0.0079i	−0.0847+0.1362i	0.6735−0.2286i	0.0558−0.0033i	0.0292−0.0030i	0.0853−0.0144i	0.0438−0.0029i
28.3	0.4718−0.1240i	0.0127+0.0375i	−0.0894+0.1209i	0.6692−0.2108i	0.0578−0.0064i	0.0325−0.0041i	0.0874−0.0179i	0.0496−0.0064i
28.4	0.4618−0.1248i	0.0402+0.0480i	−0.0937+0.1083i	0.6799−0.1919i	0.0570−0.0098i	0.0336−0.0073i	0.0867−0.0224i	0.0504−0.0112i
28.5	0.4631−0.1253i	0.0502+0.0471i	−0.0935+0.0940i	0.6885−0.1784i	0.0574−0.0113i	0.0346−0.0091i	0.0870−0.0242i	0.0531−0.0134i
28.6	0.4693−0.1321i	0.0564+0.0447i	−0.0982+0.0784i	0.7016−0.1683i	0.0586−0.0137i	0.0359−0.0121i	0.0887−0.0277i	0.0548−0.0171i
28.7	0.4744−0.1417i	0.0576+0.0446i	−0.0991+0.0678i	0.7089−0.1663i	0.0592−0.0162i	0.0366−0.0145i	0.0891−0.0311i	0.0555−0.0202i
28.8	0.4744−0.1511i	0.0597+0.0489i	−0.1037+0.0597i	0.7176−0.1665i	0.0584−0.0185i	0.0362−0.0168i	0.0886−0.0347i	0.0556−0.0246i
28.9	0.4737−0.1586i	0.0586+0.0542i	−0.1100+0.0489i	0.7235−0.1648i	0.0582−0.0209i	0.0361−0.0190i	0.0881−0.0379i	0.0555−0.0280i
29.0	0.4757−0.1689i	0.0581+0.0563i	−0.1204+0.0375i	0.7308−0.1593i	0.0576−0.0236i	0.0354−0.0212i	0.0875−0.0416i	0.0548−0.0313i
29.1	0.4790−0.1815i	0.0560+0.0650i	−0.1322+0.0331i	0.7438−0.1616i	0.0577−0.0262i	0.0354−0.0236i	0.0877−0.0445i	0.0534−0.0349i
29.2	0.4772−0.1939i	0.0590+0.0782i	−0.1401+0.0286i	0.7499−0.1648i	0.0569−0.0280i	0.0346−0.0252i	0.0872−0.0466i	0.0523−0.0382i
29.3	0.4752−0.2035i	0.0618+0.0883i	−0.1458+0.0259i	0.7576−0.1703i	0.0558−0.0296i	0.0337−0.0266i	0.0858−0.0487i	0.0509−0.0401i
29.4	0.4685−0.2176i	0.0684+0.0996i	−0.1556+0.0224i	0.7661−0.1748i	0.0542−0.0317i	0.0325−0.0278i	0.0838−0.0514i	0.0488−0.0422i
29.5	0.4626−0.2356i	0.0752+0.1142i	−0.1693+0.0163i	0.7746−0.1796i	0.0527−0.0344i	0.0310−0.0299i	0.0819−0.0554i	0.0464−0.0461i
29.6	0.4538−0.2446i	0.0901+0.1209i	−0.1772+0.0181i	0.7803−0.1850i	0.0511−0.0356i	0.0299−0.0313i	0.0809−0.0575i	0.0432−0.0480i
29.7	0.4440−0.2540i	0.1001+0.1282i	−0.1863+0.0178i	0.7855−0.1869i	0.0496−0.0365i	0.0292−0.0316i	0.0809−0.0583i	0.0400−0.0489i
29.8	0.4368−0.2663i	0.1074+0.1343i	−0.1966+0.0179i	0.7917−0.1965i	0.0487−0.0380i	0.0285−0.0328i	0.0805−0.0612i	0.0382−0.0500i
29.9	0.4326−0.2766i	0.1151+0.1387i	−0.2044+0.0136i	0.7990−0.2046i	0.0489−0.0391i	0.0286−0.0339i	0.0812−0.0633i	0.0374−0.0508i
30.0	0.4162−0.2864i	0.1331+0.1396i	−0.2117+0.0194i	0.8053−0.2135i	0.0465−0.0412i	0.0272−0.0355i	0.0795−0.0679i	0.0332−0.0529i
30.1	0.3997−0.2929i	0.1502+0.1421i	−0.2250+0.0251i	0.8088−0.2259i	0.0445−0.0429i	0.0261−0.0372i	0.0785−0.0716i	0.0303−0.0539i
30.2	0.3846−0.2917i	0.1665+0.1405i	−0.2409+0.0330i	0.8178−0.2332i	0.0415−0.0436i	0.0243−0.0384i	0.0762−0.0741i	0.0261−0.0536i
30.3	0.3715−0.2866i	0.1786+0.1294i	−0.2481+0.0429i	0.8144−0.2437i	0.0384−0.0439i	0.0220−0.0394i	0.0738−0.0759i	0.0211−0.0547i
30.4	0.3681−0.2875i	0.1828+0.1221i	−0.2562+0.0477i	0.8158−0.2534i	0.0370−0.0441i	0.0209−0.0403i	0.0725−0.0795i	0.0189−0.0531i
30.5	0.3617−0.2861i	0.1834+0.1179i	−0.2634+0.0512i	0.8161−0.2570i	0.0353−0.0429i	0.0196−0.0393i	0.0702−0.0809i	0.0170−0.0479i
30.6	0.3455−0.2894i	0.1891+0.1170i	−0.2693+0.0610i	0.8157−0.2642i	0.0335−0.0424i	0.0174−0.0388i	0.0671−0.0826i	0.0139−0.0440i
30.7	0.3370−0.2901i	0.1968+0.1172i	−0.2809+0.0720i	0.8219−0.2748i	0.0325−0.0426i	0.0169−0.0394i	0.0658−0.0847i	0.0124−0.0430i
30.8	0.3262−0.2895i	0.2046+0.1157i	−0.2958+0.0844i	0.8267−0.2879i	0.0315−0.0429i	0.0166−0.0398i	0.0651−0.0869i	0.0108−0.0425i

30.9	0.3146−0.2872i	0.2131+0.1113i	−0.3121+0.0991i	0.8332−0.2996i	0.0304−0.0428i	0.0152−0.0406i	0.0640−0.0895i	0.0086−0.0409i
31.0	0.3102−0.2839i	0.2188+0.1068i	−0.3197+0.1131i	0.8371−0.3157i	0.0295−0.0433i	0.0145−0.0416i	0.0631−0.0932i	0.0076−0.0396i
31.1	0.3022−0.2790i	0.2247+0.0989i	−0.3267+0.1275i	0.8395−0.3276i	0.0271−0.0437i	0.0124−0.0426i	0.0602−0.0973i	0.0044−0.0378i
31.2	0.2889−0.2691i	0.2311+0.0862i	−0.3318+0.1577i	0.8360−0.3491i	0.0238−0.0415i	0.0090−0.0413i	0.0533−0.0988i	0.0007−0.0306i
31.3	0.2913−0.2599i	0.2279+0.0794i	−0.3274+0.1754i	0.8381−0.3597i	0.0242−0.0389i	0.0094−0.0385i	0.0526−0.0973i	0.0031−0.0238i
31.4	0.2884−0.2542i	0.2291+0.0721i	−0.3325+0.2056i	0.8414−0.3858i	0.0228−0.0373i	0.0081−0.0375i	0.0498−0.1006i	0.0031−0.0168i
31.5	0.2864−0.2551i	0.2312+0.0666i	−0.3345+0.2307i	0.8366−0.4103i	0.0222−0.0373i	0.0076−0.0380i	0.0471−0.1062i	0.0035−0.0130i
31.6	0.2876−0.2508i	0.2266+0.0640i	−0.3323+0.2537i	0.8349−0.4303i	0.0228−0.0361i	0.0080−0.0372i	0.0459−0.1088i	0.0071−0.0082i
31.7	0.2791−0.2467i	0.2247+0.0616i	−0.3256+0.2804i	0.8235−0.4538i	0.0222−0.0360i	0.0074−0.0376i	0.0413−0.1120i	0.0109−0.0054i
31.8	0.2707−0.2442i	0.2259+0.0586i	−0.3203+0.3031i	0.8085−0.4750i	0.0216−0.0356i	0.0063−0.0374i	0.0349−0.1152i	0.0142−0.0025i
31.9	0.2629−0.2390i	0.2255+0.0518i	−0.3035+0.3438i	0.7861−0.5048i	0.0208−0.0338i	0.0050−0.0360i	0.0251−0.1200i	0.0212+0.0067i
32.0	0.2642−0.2297i	0.2206+0.0463i	−0.2730+0.3929i	0.7606−0.5307i	0.0227−0.0309i	0.0066−0.0327i	0.0167−0.1197i	0.0348+0.0149i
32.1	0.2603−0.2173i	0.2175+0.0476i	−0.2543+0.4138i	0.7300−0.5367i	0.0223−0.0299i	0.0058−0.0326i	0.0089−0.1165i	0.0415+0.0125i
32.2	0.2600−0.2108i	0.2137+0.0542i	−0.2280+0.4295i	0.7088−0.5469i	0.0235−0.0306i	0.0074−0.0331i	0.0038−0.1153i	0.0503+0.0098i
32.3	0.2648−0.1942i	0.2126+0.0546i	−0.1885+0.4651i	0.6835−0.5593i	0.0243−0.0278i	0.0078−0.0310i	−0.0025−0.1096i	0.0586+0.0101i
32.4	0.2689−0.1835i	0.2149+0.0494i	−0.1587+0.4771i	0.6601−0.5599i	0.0249−0.0259i	0.0086−0.0296i	−0.0057−0.1027i	0.0631+0.0071i
32.5	0.2791−0.1714i	0.2170+0.0494i	−0.1193+0.4824i	0.6319−0.5537i	0.0260−0.0250i	0.0095−0.0290i	−0.0069−0.0946i	0.0667+0.0010i
32.6	0.2906−0.1586i	0.2221+0.0504i	−0.0801+0.4943i	0.6073−0.5495i	0.0270−0.0236i	0.0102−0.0278i	−0.0084−0.0869i	0.0690−0.0026i
32.7	0.3105−0.1542i	0.2162+0.0476i	−0.0392+0.4882i	0.5859−0.5426i	0.0303−0.0236i	0.0128−0.0278i	−0.0065−0.0822i	0.0756−0.0082i
32.8	0.3323−0.1510i	0.2091+0.0400i	0.0132+0.4753i	0.5587−0.5280i	0.0340−0.0230i	0.0157−0.0271i	−0.0068−0.0755i	0.0858−0.0132i
32.9	0.3562−0.1423i	0.2056+0.0357i	0.0491+0.4587i	0.5484−0.5086i	0.0367−0.0209i	0.0182−0.0252i	−0.0028−0.0686i	0.0889−0.0132i
33.0	0.3754−0.1465i	0.1993+0.0360i	0.0725+0.4458i	0.5443−0.4993i	0.0401−0.0204i	0.0214−0.0248i	0.0031−0.0663i	0.0931−0.0143i
33.1	0.3961−0.1662i	0.1904+0.0410i	0.1003+0.4211i	0.5389−0.4888i	0.0448−0.0224i	0.0257−0.0270i	0.0102−0.0680i	0.0995−0.0188i
33.2	0.4176−0.1915i	0.1806+0.0498i	0.1238+0.3973i	0.5353−0.4847i	0.0502−0.0262i	0.0306−0.0309i	0.0145−0.0701i	0.1104−0.0287i
33.3	0.4334−0.2173i	0.1775+0.0607i	0.1500+0.3743i	0.5229−0.4812i	0.0553−0.0295i	0.0352−0.0343i	0.0196−0.0709i	0.1205−0.0387i
33.4	0.4344−0.2451i	0.1813+0.0722i	0.1665+0.3432i	0.5147−0.4710i	0.0572−0.0353i	0.0366−0.0405i	0.0217−0.0759i	0.1221−0.0513i
33.5	0.4295−0.2696i	0.1853+0.0811i	0.1617+0.3188i	0.5197−0.4604i	0.0560−0.0402i	0.0354−0.0456i	0.0223−0.0800i	0.1180−0.0627i
33.6	0.4178−0.2970i	0.1927+0.0916i	0.1531+0.2903i	0.5276−0.4484i	0.0526−0.0461i	0.0320−0.0512i	0.0213−0.0856i	0.1086−0.0749i
33.7	0.3941−0.3222i	0.2034+0.0983i	0.1399+0.2679i	0.5303−0.4493i	0.0484−0.0528i	0.0284−0.0576i	0.0139−0.0928i	0.1013−0.0875i
33.8	0.3782−0.3343i	0.2111+0.1004i	0.1214+0.2654i	0.5377−0.4582i	0.0467−0.0543i	0.0258−0.0592i	0.0122−0.0928i	0.0959−0.0913i
33.9	0.3694−0.3389i	0.2155+0.1016i	0.1081+0.2787i	0.5478−0.4746i	0.0444−0.0533i	0.0231−0.0587i	0.0121−0.0910i	0.0904−0.0912i
34.0	0.3513−0.3395i	0.2215+0.0937i	0.1069+0.2977i	0.5382−0.4963i	0.0420−0.0530i	0.0206−0.0584i	0.0123−0.0898i	0.0826−0.0928i
34.1	0.3436−0.3246i	0.2263+0.0848i	0.1209+0.3251i	0.5193−0.5152i	0.0419−0.0495i	0.0198−0.0549i	0.0116−0.0842i	0.0816−0.0871i
34.2	0.3369−0.3127i	0.2284+0.0823i	0.1390+0.3331i	0.4980−0.5156i	0.0416−0.0476i	0.0193−0.0529i	0.0127−0.0823i	0.0793−0.0828i
34.3	0.3370−0.3179i	0.2248+0.0843i	0.1835+0.3382i	0.4577−0.5208i	0.0431−0.0488i	0.0204−0.0548i	0.0157−0.0843i	0.0800−0.0857i
34.4	0.3473−0.3235i	0.2197+0.0884i	0.2210+0.3317i	0.4314−0.5175i	0.0471−0.0506i	0.0235−0.0567i	0.0206−0.0881i	0.0849−0.0886i
34.5	0.3502−0.3281i	0.2189+0.0917i	0.2566+0.3032i	0.4021−0.4934i	0.0492−0.0515i	0.0251−0.0571i	0.0244−0.0906i	0.0861−0.0884i
34.6	0.3597−0.3347i	0.2172+0.0966i	0.2739+0.2782i	0.3929−0.4690i	0.0528−0.0536i	0.0278−0.0597i	0.0292−0.0947i	0.0908−0.0908i
34.7	0.3637−0.3456i	0.2157+0.1018i	0.2870+0.2425i	0.3931−0.4383i	0.0551−0.0551i	0.0304−0.0618i	0.0327−0.0981i	0.0947−0.0923i
34.8	0.3551−0.3620i	0.2217+0.1082i	0.2932+0.2090i	0.3930−0.4151i	0.0538−0.0595i	0.0277−0.0655i	0.0280−0.1043i	0.0929−0.0977i
34.9	0.3558−0.3835i	0.2278+0.1155i	0.2888+0.1817i	0.4040−0.4009i	0.0547−0.0642i	0.0282−0.0701i	0.0272−0.1125i	0.0940−0.1039i
35.0	0.3534−0.3988i	0.2298+0.1222i	0.2878+0.1577i	0.4125−0.3838i	0.0551−0.0677i	0.0285−0.0732i	0.0282−0.1181i	0.0942−0.1087i
35.1	0.3451−0.4071i	0.2360+0.1238i	0.2807+0.1336i	0.4178−0.3755i	0.0553−0.0697i	0.0280−0.0746i	0.0261−0.1213i	0.0955−0.1103i
35.2	0.3354−0.4283i	0.2414+0.1304i	0.2639+0.1127i	0.4330−0.3673i	0.0565−0.0736i	0.0287−0.0790i	0.0244−0.1295i	0.1005−0.1142i
35.3	0.3273−0.4441i	0.2425+0.1353i	0.2451+0.1018i	0.4529−0.3627i	0.0570−0.0780i	0.0288−0.0833i	0.0244−0.1371i	0.1022−0.1200i
35.4	0.3115−0.4526i	0.2533+0.1401i	0.2253+0.0973i	0.4715−0.3681i	0.0549−0.0820i	0.0268−0.0873i	0.0201−0.1425i	0.1001−0.1263i
35.5	0.3009−0.4563i	0.2583+0.1416i	0.2106+0.1019i	0.4824−0.3770i	0.0534−0.0838i	0.0251−0.0896i	0.0158−0.1457i	0.1003−0.1285i
35.6	0.2842−0.4715i	0.2667+0.1455i	0.1939+0.1117i	0.4959−0.3964i	0.0535−0.0892i	0.0246−0.0956i	0.0112−0.1571i	0.1038−0.1351i
35.7	0.2615−0.4860i	0.2791+0.1483i	0.1962+0.1266i	0.4931−0.4197i	0.0516−0.0947i	0.0214−0.1010i	0.0030−0.1675i	0.1051−0.1424i
35.8	0.2509−0.4952i	0.2822+0.1516i	0.2019+0.1441i	0.4888−0.4470i	0.0501−0.0973i	0.0188−0.1029i	−0.0047−0.1724i	0.1062−0.1442i
35.9	0.2280−0.5089i	0.2887+0.1558i	0.2248+0.1581i	0.4643−0.4713i	0.0495−0.1031i	0.0163−0.1087i	−0.0160−0.1810i	0.1127−0.1531i
36.0	0.2041−0.5103i	0.2978+0.1596i	0.2548+0.1570i	0.4272−0.4744i	0.0493−0.1076i	0.0150−0.1126i	−0.0271−0.1840i	0.1209−0.1638i
36.1	0.1861−0.5180i	0.3084+0.1635i	0.2782+0.1482i	0.4003−0.4724i	0.0476−0.1124i	0.0124−0.1170i	−0.0380−0.1892i	0.1245−0.1737i
36.2	0.1637−0.5297i	0.3216+0.1689i	0.2985+0.1206i	0.3846−0.4553i	0.0448−0.1206i	0.0085−0.1246i	−0.0519−0.1942i	0.1266−0.1938i
36.3	0.1409−0.5321i	0.3387+0.1712i	0.3050+0.0851i	0.3794−0.4290i	0.0389−0.1276i	0.0016−0.1305i	−0.0697−0.1949i	0.1240−0.2117i
36.4	0.1145−0.5282i	0.3552+0.1705i	0.3048+0.0555i	0.3727−0.4075i	0.0323−0.1321i	−0.0055−0.1340i	−0.0857−0.1903i	0.1165−0.2278i
36.5	0.0913−0.5158i	0.3684+0.1621i	0.3001+0.0285i	0.3755−0.3910i	0.0271−0.1350i	−0.0109−0.1349i	−0.1012−0.1796i	0.1149−0.2437i
36.6	0.0696−0.5081i	0.3808+0.1558i	0.2763+0.0134i	0.3910−0.3845i	0.0205−0.1389i	−0.0181−0.1376i	−0.1131−0.1725i	0.1068−0.2608i
36.7	0.0575−0.5018i	0.3854+0.1483i	0.2626+0.0049i	0.4007−0.3835i	0.0183−0.1401i	−0.0210−0.1381i	−0.1184−0.1666i	0.1054−0.2693i
36.8	0.0389−0.4907i	0.3985+0.1423i	0.2554−0.0036i	0.4038−0.3831i	0.0135−0.1423i	−0.0265−0.1391i	−0.1266−0.1559i	0.0984−0.2831i
36.9	0.0223−0.4734i	0.4054+0.1305i	0.2338−0.0055i	0.4186−0.3812i	0.0068−0.1417i	−0.0336−0.1372i	−0.1360−0.1404i	0.0860−0.2955i
37.0	0.0102−0.4668i	0.4103+0.1256i	0.2248+0.0001i	0.4257−0.3895i	0.0041−0.1424i	−0.0365−0.1368i	−0.1402−0.1304i	0.0802−0.3080i
37.1	−0.0061−0.4647i	0.4138+0.1215i	0.2203−0.0024i	0.4222−0.4005i	0.0020−0.1496i	−0.0387−0.1426i	−0.1433−0.1214i	0.0760−0.3372i

37.2	-0.0279-0.4583i	0.4207+0.1161i	0.2092-0.0058i	0.4237-0.4052i	-0.0053-0.1546i	-0.0462-0.1464i	-0.1501-0.1091i	0.0610-0.3619i
37.3	-0.0376-0.4488i	0.4254+0.1144i	0.2075-0.0055i	0.4213-0.4127i	-0.0106-0.1602i	-0.0522-0.1507i	-0.1503-0.0984i	0.0430-0.3880i
37.4	-0.0491-0.4284i	0.4320+0.1096i	0.2127+0.0013i	0.4112-0.4211i	-0.0164-0.1629i	-0.0585-0.1524i	-0.1429-0.0840i	0.0156-0.4080i
37.5	-0.0607-0.4223i	0.4379+0.1090i	0.2072+0.0007i	0.4112-0.4218i	-0.0223-0.1673i	-0.0646-0.1560i	-0.1362-0.0753i	-0.0108-0.4289i
37.6	-0.0778-0.4120i	0.4478+0.1033i	0.2017-0.0064i	0.4103-0.4227i	-0.0325-0.1711i	-0.0750-0.1583i	-0.1305-0.0587i	-0.0487-0.4548i
37.7	-0.0866-0.4056i	0.4518+0.1037i	0.2013-0.0062i	0.4101-0.4259i	-0.0393-0.1746i	-0.0822-0.1604i	-0.1217-0.0537i	-0.0789-0.4674i
37.8	-0.1063-0.3990i	0.4619+0.1006i	0.1921-0.0045i	0.4198-0.4311i	-0.0511-0.1799i	-0.0940-0.1641i	-0.1057-0.0475i	-0.1323-0.4867i
37.9	-0.1335-0.3818i	0.4786+0.0906i	0.1853+0.0002i	0.4128-0.4429i	-0.0664-0.1786i	-0.1087-0.1613i	-0.0957-0.0423i	-0.1888-0.4844i
38.0	-0.1497-0.3482i	0.4895+0.0764i	0.1803+0.0137i	0.4024-0.4568i	-0.0808-0.1730i	-0.1220-0.1534i	-0.0808-0.0444i	-0.2449-0.4618i
38.1	-0.1639-0.3179i	0.5028+0.0667i	0.1902+0.0196i	0.3839-0.4623i	-0.0966-0.1690i	-0.1368-0.1471i	-0.0747-0.0540i	-0.2978-0.4358i
38.2	-0.1597-0.2910i	0.5060+0.0538i	0.2000+0.0216i	0.3646-0.4565i	-0.1050-0.1602i	-0.1444-0.1369i	-0.0654-0.0669i	-0.3317-0.3912i
38.3	-0.1515-0.2732i	0.5069+0.0451i	0.2096+0.0204i	0.3599-0.4531i	-0.1081-0.1526i	-0.1475-0.1285i	-0.0532-0.0800i	-0.3529-0.3521i
38.4	-0.1481-0.2593i	0.5164+0.0422i	0.2217+0.0096i	0.3601-0.4429i	-0.1140-0.1475i	-0.1522-0.1228i	-0.0540-0.0966i	-0.3702-0.3189i
38.5	-0.1544-0.2494i	0.5312+0.0342i	0.2280+0.0003i	0.3596-0.4432i	-0.1248-0.1439i	-0.1622-0.1176i	-0.0651-0.1180i	-0.3917-0.2830i
38.6	-0.1561-0.2400i	0.5343+0.0219i	0.2253-0.0005i	0.3647-0.4487i	-0.1284-0.1381i	-0.1650-0.1107i	-0.0659-0.1285i	-0.3997-0.2519i
38.7	-0.1579-0.2220i	0.5379+0.0043i	0.2205-0.0055i	0.3613-0.4559i	-0.1313-0.1311i	-0.1667-0.1023i	-0.0766-0.1404i	-0.3950-0.2168i
38.8	-0.1664-0.2012i	0.5533-0.0122i	0.2151-0.0066i	0.3647-0.4764i	-0.1400-0.1249i	-0.1744-0.0952i	-0.0951-0.1533i	-0.4015-0.1824i
38.9	-0.1744-0.1883i	0.5641-0.0292i	0.2235-0.0084i	0.3530-0.4857i	-0.1499-0.1194i	-0.1825-0.0883i	-0.1203-0.1630i	-0.4033-0.1520i
39.0	-0.1736-0.1695i	0.5630-0.0481i	0.2249-0.0121i	0.3407-0.4940i	-0.1554-0.1131i	-0.1866-0.0803i	-0.1404-0.1672i	-0.3979-0.1261i
39.1	-0.1655-0.1485i	0.5605-0.0669i	0.2275-0.0135i	0.3281-0.5006i	-0.1586-0.1054i	-0.1879-0.0716i	-0.1591-0.1636i	-0.3863-0.1060i
39.2	-0.1629-0.1289i	0.5626-0.0894i	0.2379-0.0230i	0.3094-0.5033i	-0.1659-0.0985i	-0.1929-0.0632i	-0.1852-0.1607i	-0.3788-0.0850i
39.3	-0.1650-0.1114i	0.5658-0.1124i	0.2481-0.0288i	0.2848-0.5099i	-0.1710-0.0897i	-0.1961-0.0541i	-0.2055-0.1519i	-0.3708-0.0659i
39.4	-0.1635-0.0852i	0.5645-0.1342i	0.2539-0.0429i	0.2600-0.5050i	-0.1772-0.0786i	-0.2003-0.0424i	-0.2286-0.1354i	-0.3634-0.0467i
39.5	-0.1548-0.0635i	0.5535-0.1527i	0.2514-0.0560i	0.2373-0.4920i	-0.1813-0.0694i	-0.2022-0.0326i	-0.2466-0.1197i	-0.3545-0.0333i
39.6	-0.1445-0.0435i	0.5423-0.1680i	0.2425-0.0682i	0.2233-0.4774i	-0.1857-0.0578i	-0.2035-0.0214i	-0.2580-0.0986i	-0.3517-0.0189i
39.7	-0.1246-0.0291i	0.5214-0.1776i	0.2337-0.0678i	0.2213-0.4630i	-0.1823-0.0460i	-0.1979-0.0113i	-0.2534-0.0808i	-0.3433-0.0013i
39.8	-0.1087-0.0172i	0.5082-0.1898i	0.2338-0.0692i	0.2089-0.4587i	-0.1766-0.0357i	-0.1909-0.0014i	-0.2518-0.0691i	-0.3244+0.0185i
39.9	-0.1004-0.0008i	0.4999-0.2017i	0.2413-0.0803i	0.1934-0.4412i	-0.1760-0.0257i	-0.1892+0.0081i	-0.2638-0.0476i	-0.3086+0.0263i
40.0	-0.0809+0.0096i	0.4885-0.2067i	0.2346-0.0949i	0.1945-0.4179i	-0.1743-0.0192i	-0.1861+0.0135i	-0.2685-0.0314i	-0.2961+0.0283i
40.1	-0.0643+0.0141i	0.4764-0.2082i	0.2221-0.1022i	0.1954-0.3978i	-0.1697-0.0133i	-0.1809+0.0180i	-0.2640-0.0147i	-0.2855+0.0289i
40.2	-0.0515+0.0201i	0.4689-0.2186i	0.2188-0.1088i	0.1940-0.3830i	-0.1686-0.0039i	-0.1786+0.0257i	-0.2643+0.0042i	-0.2802+0.0370i
40.3	-0.0392+0.0234i	0.4605-0.2262i	0.2131-0.1184i	0.1962-0.3703i	-0.1693+0.0049i	-0.1783+0.0335i	-0.2666+0.0226i	-0.2762+0.0451i
40.4	-0.0312+0.0226i	0.4501-0.2259i	0.2080-0.1224i	0.1988-0.3632i	-0.1652+0.0098i	-0.1739+0.0378i	-0.2597+0.0350i	-0.2707+0.0472i
40.5	-0.0216+0.0268i	0.4425-0.2253i	0.1966-0.1209i	0.2075-0.3561i	-0.1602+0.0122i	-0.1680+0.0390i	-0.2518+0.0424i	-0.2620+0.0448i
40.6	-0.0108+0.0305i	0.4409-0.2271i	0.1955-0.1163i	0.2141-0.3467i	-0.1595+0.0158i	-0.1674+0.0420i	-0.2503+0.0538i	-0.2617+0.0448i
40.7	0.0009+0.0364i	0.4363-0.2436i	0.1869-0.1236i	0.2203-0.3433i	-0.1579+0.0267i	-0.1650+0.0524i	-0.2424+0.0746i	-0.2614+0.0574i
40.8	0.0125+0.0427i	0.4339-0.2526i	0.1805-0.1247i	0.2306-0.3457i	-0.1558+0.0346i	-0.1629+0.0592i	-0.2345+0.0865i	-0.2617+0.0668i
40.9	0.0245+0.0447i	0.4348-0.2556i	0.1833-0.1247i	0.2437-0.3478i	-0.1543+0.0407i	-0.1618+0.0640i	-0.2344+0.0961i	-0.2589+0.0741i
41.0	0.0373+0.0499i	0.4222-0.2720i	0.1791-0.1367i	0.2467-0.3499i	-0.1491+0.0499i	-0.1554+0.0728i	-0.2250+0.1151i	-0.2499+0.0843i
41.1	0.0484+0.0519i	0.4068-0.2840i	0.1650-0.1339i	0.2498-0.3626i	-0.1416+0.0567i	-0.1476+0.0792i	-0.2103+0.1268i	-0.2409+0.0920i
41.2	0.0555+0.0458i	0.3924-0.2797i	0.1597-0.1239i	0.2429-0.3684i	-0.1351+0.0551i	-0.1410+0.0772i	-0.1989+0.1192i	-0.2321+0.0934i
41.3	0.0707+0.0499i	0.3751-0.2865i	0.1610-0.1230i	0.2265-0.3778i	-0.1280+0.0604i	-0.1334+0.0828i	-0.1883+0.1305i	-0.2192+0.1006i
41.4	0.0811+0.0464i	0.3566-0.2779i	0.1474-0.1221i	0.2205-0.3630i	-0.1191+0.0593i	-0.1241+0.0801i	-0.1719+0.1304i	-0.2085+0.0949i
41.5	0.0829+0.0521i	0.3571-0.2988i	0.1558-0.1320i	0.2248-0.3704i	-0.1199+0.0695i	-0.1250+0.0897i	-0.1716+0.1533i	-0.2106+0.1027i
41.6	0.0967+0.0476i	0.3258-0.2968i	0.1479-0.1285i	0.2049-0.3703i	-0.1082+0.0720i	-0.1128+0.0923i	-0.1447+0.1623i	-0.1991+0.1007i
41.7	0.1036+0.0396i	0.3310-0.2798i	0.1578-0.1234i	0.2174-0.3510i	-0.1096+0.0656i	-0.1156+0.0849i	-0.1409+0.1489i	-0.2105+0.0935i
41.8	0.1132+0.0456i	0.3276-0.2984i	0.1594-0.1338i	0.2256-0.3608i	-0.1067+0.0737i	-0.1133+0.0936i	-0.1320+0.1583i	-0.2097+0.1108i
41.9	0.1268+0.0391i	0.2992-0.2997i	0.1465-0.1411i	0.2184-0.3692i	-0.0952+0.0772i	-0.1016+0.0969i	-0.1103+0.1606i	-0.1951+0.1187i
42.0	0.1322+0.0332i	0.2803-0.2987i	0.1415-0.1464i	0.2027-0.3722i	-0.0896+0.0783i	-0.0956+0.0980i	-0.0997+0.1582i	-0.1889+0.1231i
42.1	0.1354+0.0199i	0.2741-0.2695i	0.1300-0.1270i	0.2032-0.3544i	-0.0863+0.0704i	-0.0920+0.0898i	-0.0922+0.1377i	-0.1834+0.1176i
42.2	0.1408+0.0145i	0.2749-0.2607i	0.1307-0.1128i	0.2096-0.3630i	-0.0841+0.0706i	-0.0910+0.0897i	-0.0884+0.1346i	-0.1804+0.1223i
42.3	0.1443+0.0119i	0.2771-0.2539i	0.1518-0.1038i	0.2038-0.3675i	-0.0848+0.0692i	-0.0918+0.0881i	-0.0934+0.1237i	-0.1789+0.1285i
42.4	0.1452+0.0186i	0.2840-0.2726i	0.1824-0.1279i	0.1927-0.3742i	-0.0876+0.0752i	-0.0945+0.0953i	-0.1049+0.1351i	-0.1759+0.1363i
42.5	0.1468+0.0110i	0.2762-0.2745i	0.1807-0.1484i	0.1713-0.3607i	-0.0831+0.0756i	-0.0890+0.0971i	-0.0980+0.1416i	-0.1661+0.1317i
42.6	0.1493+0.0052i	0.2766-0.2626i	0.1636-0.1544i	0.1799-0.3449i	-0.0822+0.0733i	-0.0877+0.0944i	-0.0924+0.1378i	-0.1663+0.1284i
42.7	0.1579+0.0078i	0.2559-0.2623i	0.1305-0.1740i	0.1989-0.3424i	-0.0743+0.0777i	-0.0794+0.0992i	-0.0731+0.1455i	-0.1616+0.1353i
42.8	0.1624-0.0001i	0.2519-0.2449i	0.1168-0.1527i	0.2049-0.3446i	-0.0710+0.0719i	-0.0753+0.0927i	-0.0654+0.1292i	-0.1595+0.1317i
42.9	0.1651+0.0032i	0.2568-0.2545i	0.1303-0.1472i	0.1981-0.3619i	-0.0707+0.0778i	-0.0750+0.0988i	-0.0641+0.1289i	-0.1588+0.1498i
43.0	0.1745+0.0039i	0.2400-0.2744i	0.1350-0.1623i	0.1652-0.3726i	-0.0605+0.0862i	-0.0622+0.1082i	-0.0569+0.1352i	-0.1297+0.1698i
43.1	0.1706+0.0011i	0.2475-0.2703i	0.1408-0.1781i	0.1636-0.3641i	-0.0632+0.0842i	-0.0649+0.1068i	-0.0670+0.1386i	-0.1284+0.1618i
43.2	0.1783-0.0083i	0.2289-0.2704i	0.1044-0.1864i	0.1735-0.3615i	-0.0575+0.0853i	-0.0576+0.1074i	-0.0514+0.1409i	-0.1228+0.1626i
43.3	0.1812-0.0110i	0.2263-0.2712i	0.1022-0.1831i	0.1633-0.3715i	-0.0561+0.0872i	-0.0555+0.1093i	-0.0499+0.1408i	-0.1186+0.1674i
43.4	0.1801-0.0156i	0.2365-0.2546i	0.1014-0.1680i	0.1674-0.3553i	-0.0587+0.0810i	-0.0573+0.1013i	-0.0606+0.1300i	-0.1171+0.1570i

43.5	0.1745−0.0123i	0.2504−0.2669i	0.1113−0.1653i	0.1802−0.3728i	−0.0654+0.0851i	−0.0643+0.1057i	−0.0702+0.1370i	−0.1272+0.1652i
43.6	0.1785−0.0117i	0.2383−0.2836i	0.1209−0.1749i	0.1547−0.3858i	−0.0600+0.0905i	−0.0580+0.1116i	−0.0676+0.1455i	−0.1116+0.1736i
43.7	0.1852−0.0182i	0.2215−0.2905i	0.1134−0.2010i	0.1418−0.3802i	−0.0543+0.0953i	−0.0510+0.1165i	−0.0583+0.1569i	−0.1013+0.1765i
43.8	0.1980−0.0236i	0.1823−0.3000i	0.0535−0.2237i	0.1307−0.3766i	−0.0395+0.1023i	−0.0326+0.1227i	−0.0274+0.1654i	−0.0806+0.1871i
43.9	0.2019−0.0262i	0.1511−0.2909i	0.0113−0.1925i	0.1110−0.3891i	−0.0264+0.1006i	−0.0168+0.1188i	−0.0063+0.1561i	−0.0575+0.1879i
44.0	0.2001−0.0391i	0.1397−0.2664i	0.0139−0.1489i	0.0979−0.3925i	−0.0232+0.0930i	−0.0131+0.1090i	−0.0066+0.1420i	−0.0490+0.1745i
44.1	0.1901−0.0407i	0.1417−0.2556i	0.0412−0.1295i	0.0654−0.3758i	−0.0246+0.0894i	−0.0151+0.1045i	−0.0125+0.1399i	−0.0483+0.1623i
44.2	0.1848−0.0405i	0.1573−0.2342i	0.0519−0.1234i	0.0673−0.3487i	−0.0281+0.0835i	−0.0198+0.0959i	−0.0187+0.1305i	−0.0545+0.1508i
44.3	0.1910−0.0350i	0.1279−0.2297i	0.0333−0.1168i	0.0390−0.3476i	−0.0155+0.0877i	−0.0058+0.0989i	0.0017+0.1338i	−0.0341+0.1579i
44.4	0.1940−0.0373i	0.1221−0.2044i	0.0532−0.0963i	0.0188−0.3239i	−0.0114+0.0796i	−0.0025+0.0883i	0.0038+0.1203i	−0.0238+0.1439i
44.5	0.1885−0.0480i	0.1374−0.1844i	0.0727−0.0976i	0.0341−0.2933i	−0.0160+0.0714i	−0.0080+0.0786i	−0.0075+0.1111i	−0.0292+0.1258i
44.6	0.1882−0.0514i	0.1307−0.1916i	0.0669−0.1177i	0.0304−0.2837i	−0.0126+0.0762i	−0.0041+0.0842i	0.0032+0.1219i	−0.0295+0.1310i
44.7	0.1880−0.0548i	0.1298−0.1858i	0.0751−0.1352i	0.0167−0.2547i	−0.0093+0.0763i	−0.0014+0.0832i	0.0114+0.1222i	−0.0284+0.1288i
44.8	0.1887−0.0627i	0.1416−0.1545i	0.0612−0.1369i	0.0467−0.2109i	−0.0092+0.0651i	−0.0025+0.0698i	0.0124+0.1034i	−0.0287+0.1110i
44.9	0.1878−0.0588i	0.1597−0.1650i	0.0346−0.1426i	0.0949−0.2200i	−0.0152+0.0692i	−0.0089+0.0742i	0.0052+0.1094i	−0.0405+0.1178i
45.0	0.1899−0.0538i	0.1568−0.1756i	0.0220−0.1251i	0.0986−0.2462i	−0.0128+0.0751i	−0.0062+0.0803i	0.0095+0.1149i	−0.0371+0.1319i
45.1	0.1987−0.0515i	0.1398−0.1630i	0.0309−0.1000i	0.0701−0.2512i	−0.0039+0.0706i	0.0028+0.0754i	0.0187+0.1051i	−0.0180+0.1255i
45.2	0.1965−0.0655i	0.1288−0.1479i	0.0454−0.0882i	0.0524−0.2290i	0.0012+0.0638i	0.0070+0.0666i	0.0235+0.0957i	−0.0095+0.1117i
45.3	0.1903−0.0688i	0.1179−0.1546i	0.0334−0.1124i	0.0456−0.2125i	0.0054+0.0688i	0.0122+0.0711i	0.0348+0.1056i	−0.0065+0.1162i
45.4	0.1866−0.0688i	0.1294−0.1392i	0.0248−0.1118i	0.0644−0.1969i	0.0035+0.0647i	0.0092+0.0665i	0.0333+0.0973i	−0.0113+0.1105i
45.5	0.1868−0.0734i	0.1560−0.1302i	0.0294−0.0983i	0.0870−0.1983i	−0.0024+0.0611i	0.0020+0.0626i	0.0241+0.0896i	−0.0206+0.1084i
45.6	0.1896−0.0711i	0.1753−0.1460i	0.0521−0.1010i	0.0997−0.2149i	−0.0086+0.0659i	−0.0043+0.0685i	0.0140+0.0967i	−0.0289+0.1196i
45.7	0.1867−0.0666i	0.1505−0.1426i	0.0232−0.1013i	0.0842−0.2124i	0.0015+0.0672i	0.0069+0.0683i	0.0283+0.0963i	−0.0107+0.1203i
45.8	0.1878−0.0767i	0.1438−0.1287i	0.0242−0.0723i	0.0974−0.2076i	0.0058+0.0608i	0.0111+0.0599i	0.0332+0.0838i	−0.0017+0.1097i
45.9	0.1871−0.0828i	0.1476−0.1287i	0.0280−0.0590i	0.0939−0.2113i	0.0080+0.0612i	0.0118+0.0593i	0.0343+0.0835i	0.0036+0.1087i
46.0	0.1866−0.0794i	0.1443−0.1247i	0.0397−0.0450i	0.0714−0.2121i	0.0095+0.0600i	0.0123+0.0577i	0.0337+0.0813i	0.0056+0.1048i
46.1	0.1818−0.0755i	0.1417−0.1136i	0.0519−0.0542i	0.0530−0.1860i	0.0115+0.0551i	0.0138+0.0525i	0.0340+0.0733i	0.0088+0.0955i
46.2	0.1836−0.0785i	0.1490−0.0987i	0.0500−0.0535i	0.0766−0.1578i	0.0110+0.0500i	0.0124+0.0470i	0.0303+0.0664i	0.0077+0.0865i
46.3	0.1876−0.0846i	0.1539−0.1076i	0.0523−0.0563i	0.0889−0.1659i	0.0124+0.0489i	0.0132+0.0456i	0.0344+0.0663i	0.0101+0.0840i
46.4	0.1828−0.0761i	0.1570−0.1078i	0.0693−0.0578i	0.0841−0.1640i	0.0126+0.0500i	0.0129+0.0465i	0.0331+0.0684i	0.0096+0.0838i
46.5	0.1883−0.0827i	0.1673−0.1084i	0.0856−0.0686i	0.0766−0.1547i	0.0110+0.0506i	0.0103+0.0477i	0.0268+0.0702i	0.0075+0.0857i
46.6	0.1799−0.0886i	0.1634−0.1074i	0.0718−0.0843i	0.0756−0.1400i	0.0124+0.0502i	0.0118+0.0460i	0.0279+0.0693i	0.0117+0.0818i
46.7	0.1732−0.0839i	0.1634−0.0940i	0.0506−0.0794i	0.0909−0.1357i	0.0143+0.0479i	0.0132+0.0432i	0.0305+0.0667i	0.0123+0.0754i
46.8	0.1718−0.0848i	0.1666−0.0986i	0.0511−0.0690i	0.1016−0.1411i	0.0154+0.0460i	0.0134+0.0417i	0.0329+0.0658i	0.0144+0.0753i
46.9	0.1638−0.0812i	0.1555−0.1007i	0.0408−0.0676i	0.0994−0.1372i	0.0192+0.0461i	0.0166+0.0421i	0.0398+0.0661i	0.0205+0.0749i
47.0	0.1596−0.0782i	0.1510−0.0941i	0.0372−0.0648i	0.1024−0.1395i	0.0209+0.0435i	0.0175+0.0400i	0.0421+0.0623i	0.0220+0.0688i
47.1	0.1606−0.0854i	0.1482−0.0891i	0.0448−0.0638i	0.1029−0.1401i	0.0208+0.0408i	0.0169+0.0378i	0.0427+0.0601i	0.0212+0.0627i
47.2	0.1598−0.0864i	0.1460−0.0826i	0.0418−0.0468i	0.1143−0.1268i	0.0215+0.0368i	0.0166+0.0334i	0.0440+0.0544i	0.0189+0.0579i
47.3	0.1557−0.0814i	0.1567−0.0814i	0.0320−0.0320i	0.1162−0.1322i	0.0203+0.0335i	0.0149+0.0311i	0.0425+0.0499i	0.0159+0.0540i
47.4	0.1583−0.0756i	0.1633−0.0747i	0.0366−0.0341i	0.1093−0.1381i	0.0198+0.0290i	0.0147+0.0269i	0.0410+0.0413i	0.0139+0.0450i
47.5	0.1638−0.0696i	0.1668−0.0664i	0.0452−0.0382i	0.1122−0.1458i	0.0203+0.0286i	0.0155+0.0268i	0.0424+0.0411i	0.0168+0.0430i
47.6	0.1675−0.0616i	0.1655−0.0703i	0.0505−0.0375i	0.1171−0.1268i	0.0192+0.0278i	0.0148+0.0264i	0.0400+0.0412i	0.0185+0.0443i
47.7	0.1726−0.0637i	0.1747−0.0593i	0.0533−0.0268i	0.1276−0.1279i	0.0195+0.0257i	0.0143+0.0245i	0.0392+0.0407i	0.0187+0.0408i
47.8	0.1691−0.0628i	0.1696−0.0570i	0.0539−0.0216i	0.1177−0.1410i	0.0187+0.0257i	0.0135+0.0247i	0.0388+0.0412i	0.0161+0.0389i
47.9	0.1690−0.0603i	0.1690−0.0545i	0.0612−0.0206i	0.1050−0.1359i	0.0187+0.0253i	0.0138+0.0237i	0.0390+0.0400i	0.0152+0.0376i
48.0	0.1716−0.0623i	0.1731−0.0459i	0.0702−0.0159i	0.1024−0.1263i	0.0188+0.0225i	0.0145+0.0206i	0.0390+0.0354i	0.0158+0.0339i
48.1	0.1740−0.0580i	0.1757−0.0376i	0.0810−0.0066i	0.1083−0.1290i	0.0184+0.0204i	0.0145+0.0188i	0.0386+0.0349i	0.0155+0.0304i
48.2	0.1722−0.0541i	0.1875−0.0338i	0.0910−0.0072i	0.1044−0.1136i	0.0166+0.0202i	0.0128+0.0186i	0.0382+0.0370i	0.0111+0.0283i
48.3	0.1664−0.0553i	0.1954−0.0336i	0.0897−0.0170i	0.1090−0.1018i	0.0148+0.0193i	0.0109+0.0171i	0.0384+0.0357i	0.0063+0.0250i
48.4	0.1651−0.0564i	0.2107−0.0349i	0.0852−0.0169i	0.1193−0.1035i	0.0129+0.0188i	0.0091+0.0163i	0.0391+0.0334i	0.0034+0.0239i
48.5	0.1691−0.0573i	0.2128−0.0342i	0.0911−0.0216i	0.1130−0.1065i	0.0125+0.0180i	0.0093+0.0157i	0.0394+0.0322i	0.0006+0.0217i
48.6	0.1677−0.0616i	0.2161−0.0300i	0.0924−0.0305i	0.1058−0.0917i	0.0116+0.0174i	0.0086+0.0148i	0.0381+0.0316i	−0.0032+0.0219i
48.7	0.1730−0.0568i	0.2263−0.0315i	0.0914−0.0201i	0.1249−0.0782i	0.0114+0.0164i	0.0076+0.0141i	0.0397+0.0299i	−0.0047+0.0223i
48.8	0.1754−0.0546i	0.2265−0.0324i	0.0858−0.0104i	0.1373−0.0934i	0.0099+0.0142i	0.0062+0.0116i	0.0405+0.0256i	−0.0089+0.0167i
48.9	0.1664−0.0614i	0.2175−0.0525i	0.0945−0.0241i	0.1141−0.1201i	0.0091+0.0140i	0.0060+0.0119i	0.0400+0.0189i	−0.0120+0.0168i
49.0	0.1696−0.0576i	0.2294−0.0556i	0.0984−0.0356i	0.1016−0.0945i	0.0075+0.0148i	0.0052+0.0118i	0.0373+0.0174i	−0.0120+0.0210i
49.1	0.1692−0.0461i	0.2308−0.0409i	0.0998−0.0209i	0.1077−0.0717i	0.0079+0.0163i	0.0053+0.0116i	0.0350+0.0190i	−0.0110+0.0239i
49.2	0.1702−0.0466i	0.2345−0.0506i	0.1101−0.0381i	0.1223−0.0659i	0.0083+0.0175i	0.0053+0.0126i	0.0355+0.0216i	−0.0072+0.0257i
49.3	0.1754−0.0517i	0.2312−0.0547i	0.1032−0.0398i	0.1278−0.0726i	0.0080+0.0160i	0.0053+0.0110i	0.0352+0.0204i	−0.0077+0.0211i
49.4	0.1899−0.0555i	0.2525−0.0568i	0.1309−0.0380i	0.1418−0.0688i	0.0105+0.0135i	0.0066+0.0082i	0.0421+0.0157i	−0.0047+0.0171i
49.5	0.1758−0.0566i	0.2511−0.0531i	0.1180−0.0455i	0.1326−0.0703i	0.0082+0.0136i	0.0046+0.0077i	0.0376+0.0121i	−0.0132+0.0183i
49.6	0.1639−0.0314i	0.2454−0.0284i	0.0958−0.0180i	0.1198−0.0129i	0.0047+0.0171i	0.0014+0.0104i	0.0323+0.0215i	−0.0204+0.0295i
49.7	0.1797−0.0485i	0.2627−0.0521i	0.1277−0.0507i	0.1600−0.0334i	0.0053+0.0142i	0.0011+0.0082i	0.0363+0.0147i	−0.0168+0.0189i

49.8	0.1793−0.0393i	0.2573−0.0624i	0.1007−0.0504i	0.1578−0.0370i	0.0040+0.0175i	0.0002+0.0107i	0.0334+0.0184i	−0.0232+0.0252i
49.9	0.1797−0.0506i	0.2501−0.0796i	0.0900−0.0544i	0.1572−0.0669i	0.0049+0.0151i	0.0013+0.0082i	0.0342+0.0082i	−0.0237+0.0239i
50.0	0.1692−0.0391i	0.2447−0.0709i	0.0920−0.0379i	0.1486−0.0261i	0.0046+0.0188i	0.0011+0.0107i	0.0316+0.0124i	−0.0189+0.0335i
50.1	0.1840−0.0414i	0.2432−0.0639i	0.0961−0.0377i	0.1664−0.0377i	0.0076+0.0158i	0.0024+0.0087i	0.0353+0.0100i	−0.0150+0.0274i
50.2	0.1873−0.0438i	0.2328−0.0693i	0.0869−0.0330i	0.1728−0.0345i	0.0096+0.0146i	0.0038+0.0070i	0.0386+0.0081i	−0.0129+0.0261i
50.3	0.1884−0.0495i	0.2398−0.0786i	0.0820−0.0464i	0.1775−0.0484i	0.0071+0.0120i	0.0023+0.0052i	0.0365+0.0019i	−0.0159+0.0223i
50.4	0.1866−0.0428i	0.2505−0.0810i	0.0926−0.0451i	0.1780−0.0514i	0.0069+0.0116i	0.0016+0.0045i	0.0351+0.0007i	−0.0139+0.0228i
50.5	0.1769−0.0478i	0.2392−0.0706i	0.0871−0.0412i	0.1825−0.0461i	0.0066+0.0103i	0.0010+0.0022i	0.0328−0.0026i	−0.0149+0.0194i
50.6	0.1753−0.0435i	0.2468−0.0532i	0.0882−0.0205i	0.1782−0.0470i	0.0044+0.0106i	−0.0008+0.0023i	0.0288−0.0032i	−0.0185+0.0216i
50.7	0.1800−0.0373i	0.2555−0.0487i	0.0969−0.0126i	0.1781−0.0475i	0.0026+0.0090i	−0.0023+0.0005i	0.0254−0.0056i	−0.0221+0.0206i
50.8	0.1831−0.0470i	0.2537−0.0704i	0.1027−0.0248i	0.1839−0.0508i	0.0019+0.0067i	−0.0043−0.0018i	0.0235−0.0104i	−0.0245+0.0166i
50.9	0.1820−0.0433i	0.2572−0.0754i	0.1093−0.0268i	0.1852−0.0512i	−0.0012+0.0082i	−0.0074−0.0001i	0.0184−0.0100i	−0.0287+0.0176i
51.0	0.1880−0.0500i	0.2692−0.0775i	0.1223−0.0370i	0.1846−0.0411i	−0.0018+0.0080i	−0.0083−0.0018i	0.0160−0.0116i	−0.0285+0.0186i
51.1	0.1882−0.0515i	0.2717−0.0726i	0.1125−0.0464i	0.1976−0.0347i	−0.0011+0.0076i	−0.0079−0.0018i	0.0175−0.0097i	−0.0279+0.0174i
51.2	0.1971−0.0515i	0.2747−0.0834i	0.1043−0.0237i	0.2090−0.0513i	0.0001+0.0079i	−0.0067−0.0014i	0.0229−0.0101i	−0.0272+0.0222i
51.3	0.1840−0.0492i	0.2715−0.0779i	0.1226−0.0370i	0.1947−0.0535i	−0.0017+0.0075i	−0.0093−0.0031i	0.0148−0.0166i	−0.0285+0.0235i
51.4	0.1906−0.0519i	0.2717−0.0810i	0.1218−0.0545i	0.2062−0.0275i	−0.0022+0.0083i	−0.0108−0.0029i	0.0102−0.0131i	−0.0269+0.0220i
51.5	0.1976−0.0495i	0.2747−0.0929i	0.1053−0.0655i	0.2313−0.0202i	−0.0033+0.0095i	−0.0127−0.0007i	0.0085−0.0082i	−0.0278+0.0225i
51.6	0.1885−0.0525i	0.2749−0.0923i	0.0819−0.0621i	0.2436−0.0317i	−0.0049+0.0091i	−0.0133−0.0006i	0.0075−0.0096i	−0.0313+0.0217i
51.7	0.1774−0.0470i	0.2828−0.0865i	0.0663−0.0296i	0.2448−0.0576i	−0.0085+0.0085i	−0.0154−0.0019i	0.0049−0.0144i	−0.0374+0.0219i
51.8	0.1742−0.0426i	0.2791−0.0926i	0.0701−0.0162i	0.2418−0.0714i	−0.0088+0.0093i	−0.0165−0.0020i	0.0033−0.0148i	−0.0378+0.0254i
51.9	0.1749−0.0336i	0.2778−0.0988i	0.0822−0.0056i	0.2320−0.0761i	−0.0099+0.0115i	−0.0175+0.0006i	0.0010−0.0116i	−0.0391+0.0295i
52.0	0.1834−0.0228i	0.2708−0.1034i	0.0999−0.0047i	0.2210−0.0655i	−0.0081+0.0140i	−0.0162+0.0029i	0.0010−0.0089i	−0.0337+0.0321i
52.1	0.1868−0.0200i	0.2716−0.1094i	0.0991−0.0096i	0.2314−0.0704i	−0.0069+0.0134i	−0.0164+0.0026i	0.0005−0.0103i	−0.0314+0.0336i
52.2	0.1834−0.0266i	0.2781−0.1109i	0.0947+0.0094i	0.2346−0.0804i	−0.0105+0.0142i	−0.0197+0.0029i	−0.0062−0.0112i	−0.0366+0.0355i
52.3	0.1909−0.0223i	0.2750−0.1080i	0.1045+0.0282i	0.2304−0.0850i	−0.0099+0.0160i	−0.0200+0.0033i	−0.0081−0.0104i	−0.0343+0.0378i
52.4	0.2001−0.0171i	0.2689−0.1054i	0.1253+0.0151i	0.2223−0.0720i	−0.0089+0.0161i	−0.0202+0.0032i	−0.0100−0.0093i	−0.0300+0.0374i
52.5	0.2135−0.0230i	0.2689−0.1052i	0.1309+0.0051i	0.2282−0.0695i	−0.0059+0.0137i	−0.0176+0.0015i	−0.0080−0.0097i	−0.0241+0.0312i
52.6	0.2077−0.0213i	0.2654−0.1148i	0.1392+0.0124i	0.2181−0.0774i	−0.0077+0.0148i	−0.0194+0.0034i	−0.0120−0.0070i	−0.0248+0.0324i
52.7	0.2023−0.0191i	0.2659−0.1225i	0.1526+0.0003i	0.2083−0.0748i	−0.0099+0.0170i	−0.0223+0.0053i	−0.0192−0.0032i	−0.0263+0.0363i
52.8	0.2046−0.0138i	0.2689−0.1195i	0.1550−0.0067i	0.2113−0.0724i	−0.0096+0.0186i	−0.0225+0.0066i	−0.0215+0.0011i	−0.0249+0.0364i
52.9	0.2001−0.0194i	0.2722−0.1197i	0.1512−0.0049i	0.2134−0.0684i	−0.0139+0.0199i	−0.0268+0.0071i	−0.0268+0.0049i	−0.0317+0.0352i
53.0	0.1955−0.0226i	0.2822−0.1292i	0.1413−0.0185i	0.2211−0.0584i	−0.0180+0.0209i	−0.0310+0.0091i	−0.0294+0.0088i	−0.0398+0.0363i
53.1	0.1935−0.0090i	0.2827−0.1402i	0.1194−0.0105i	0.2399−0.0683i	−0.0172+0.0266i	−0.0295+0.0149i	−0.0269+0.0176i	−0.0412+0.0458i
53.2	0.1986+0.0040i	0.2701−0.1549i	0.1131+0.0048i	0.2472−0.0848i	−0.0151+0.0323i	−0.0281+0.0202i	−0.0251+0.0248i	−0.0372+0.0539i
53.3	0.2035+0.0053i	0.2610−0.1574i	0.1153+0.0169i	0.2479−0.0845i	−0.0130+0.0345i	−0.0257+0.0208i	−0.0217+0.0266i	−0.0322+0.0578i
53.4	0.2223+0.0085i	0.2414−0.1548i	0.1316+0.0259i	0.2312−0.0868i	−0.0059+0.0355i	−0.0201+0.0221i	−0.0135+0.0283i	−0.0215+0.0569i
53.5	0.2300+0.0048i	0.2353−0.1477i	0.1406+0.0205i	0.2323−0.0809i	−0.0017+0.0318i	−0.0171+0.0197i	−0.0103+0.0270i	−0.0146+0.0488i
53.6	0.2308−0.0014i	0.2453−0.1435i	0.1409+0.0124i	0.2450−0.0831i	−0.0039+0.0313i	−0.0192+0.0191i	−0.0121+0.0315i	−0.0184+0.0449i
53.7	0.2457−0.0132i	0.2433−0.1359i	0.1582+0.0147i	0.2370−0.0854i	−0.0014+0.0306i	−0.0173+0.0182i	−0.0057+0.0288i	−0.0189+0.0441i
53.8	0.2429−0.0154i	0.2439−0.1330i	0.1543−0.0001i	0.2473−0.0841i	−0.0013+0.0300i	−0.0179+0.0176i	−0.0064+0.0260i	−0.0199+0.0431i
53.9	0.2366−0.0211i	0.2436−0.1369i	0.1341+0.0164i	0.2591−0.1081i	−0.0007+0.0292i	−0.0160+0.0167i	−0.0010+0.0230i	−0.0185+0.0445i
54.0	0.2285−0.0298i	0.2471−0.1418i	0.1447+0.0402i	0.2500−0.1230i	−0.0038+0.0264i	−0.0196+0.0130i	−0.0064+0.0165i	−0.0211+0.0420i
54.1	0.2228−0.0201i	0.2385−0.1423i	0.1598+0.0393i	0.2351−0.1200i	−0.0019+0.0266i	−0.0196+0.0144i	−0.0082+0.0192i	−0.0195+0.0388i
54.2	0.2316−0.0218i	0.2319−0.1310i	0.1617+0.0393i	0.2251−0.1112i	0.0039+0.0239i	−0.0158+0.0125i	−0.0016+0.0157i	−0.0127+0.0316i
54.3	0.2345−0.0150i	0.2340−0.1274i	0.1577+0.0536i	0.2290−0.1249i	0.0022+0.0241i	−0.0168+0.0123i	−0.0041+0.0156i	−0.0145+0.0337i
54.4	0.2381−0.0104i	0.2272−0.1209i	0.1810+0.0678i	0.2239−0.1390i	0.0011+0.0239i	−0.0183+0.0128i	−0.0085+0.0156i	−0.0156+0.0359i
54.5	0.2366−0.0355i	0.2350−0.1067i	0.2221+0.0524i	0.2074−0.1358i	0.0001+0.0169i	−0.0207+0.0076i	−0.0130+0.0109i	−0.0181+0.0244i
54.6	0.2368−0.0302i	0.2307−0.1144i	0.2448+0.0465i	0.1898−0.1317i	0.0006+0.0204i	−0.0216+0.0111i	−0.0145+0.0178i	−0.0169+0.0271i
54.7	0.2352−0.0190i	0.2292−0.1238i	0.2560+0.0244i	0.1778−0.1329i	−0.0012+0.0237i	−0.0222+0.0153i	−0.0145+0.0254i	−0.0180+0.0303i
54.8	0.2360−0.0235i	0.2319−0.1187i	0.2411+0.0071i	0.1761−0.1208i	−0.0024+0.0215i	−0.0227+0.0141i	−0.0141+0.0240i	−0.0219+0.0269i
54.9	0.2360−0.0237i	0.2248−0.1089i	0.2337+0.0148i	0.1682−0.1180i	0.0007+0.0201i	−0.0178+0.0122i	−0.0059+0.0213i	−0.0208+0.0244i
55.0	0.2327−0.0300i	0.2305−0.1146i	0.2434+0.0180i	0.1608−0.1184i	−0.0017+0.0217i	−0.0200+0.0141i	−0.0086+0.0235i	−0.0250+0.0264i
55.1	0.2355−0.0237i	0.2318−0.1127i	0.2560+0.0092i	0.1496−0.1015i	−0.0032+0.0248i	−0.0218+0.0174i	−0.0106+0.0286i	−0.0259+0.0327i
55.2	0.2306−0.0298i	0.2244−0.1140i	0.2633−0.0046i	0.1389−0.0900i	−0.0020+0.0235i	−0.0202+0.0158i	−0.0092+0.0279i	−0.0231+0.0312i
55.3	0.2393−0.0197i	0.2257−0.1180i	0.2604−0.0128i	0.1451−0.0908i	0.0000+0.0259i	−0.0185+0.0183i	−0.0052+0.0330i	−0.0213+0.0330i
55.4	0.2513−0.0132i	0.2236−0.1237i	0.2581−0.0145i	0.1526−0.0822i	0.0033+0.0285i	−0.0165+0.0198i	0.0001+0.0356i	−0.0178+0.0370i
55.5	0.2585−0.0143i	0.2262−0.1184i	0.2512−0.0276i	0.1537−0.0722i	0.0051+0.0277i	−0.0136+0.0199i	0.0052+0.0357i	−0.0160+0.0346i
55.6	0.2559−0.0163i	0.2236−0.1190i	0.2423−0.0214i	0.1553−0.0819i	0.0046+0.0280i	−0.0130+0.0207i	0.0083+0.0364i	−0.0181+0.0349i
55.7	0.2462−0.0186i	0.2310−0.1247i	0.2535−0.0281i	0.1589−0.0865i	0.0022+0.0278i	−0.0164+0.0196i	0.0052+0.0342i	−0.0240+0.0355i
55.8	0.2549−0.0247i	0.2250−0.1191i	0.2603−0.0262i	0.1544−0.0717i	0.0050+0.0262i	−0.0133+0.0175i	0.0106+0.0321i	−0.0209+0.0319i
55.9	0.2633−0.0312i	0.2137−0.1040i	0.2594−0.0325i	0.1558−0.0606i	0.0097+0.0228i	−0.0086+0.0146i	0.0164+0.0253i	−0.0133+0.0272i
56.0	0.2593−0.0249i	0.2152−0.1038i	0.2531−0.0424i	0.1553−0.0504i	0.0081+0.0244i	−0.0104+0.0160i	0.0144+0.0251i	−0.0173+0.0328i

56.1	0.2543−0.0217i	0.2143−0.1139i	0.2459−0.0384i	0.1579−0.0606i	0.0085+0.0248i	−0.0100+0.0170i	0.0166+0.0253i	−0.0156+0.0366i
56.2	0.2557−0.0251i	0.2153−0.1140i	0.2481−0.0378i	0.1611−0.0622i	0.0077+0.0248i	−0.0104+0.0175i	0.0165+0.0241i	−0.0185+0.0359i
56.3	0.2575−0.0220i	0.2105−0.1130i	0.2561−0.0334i	0.1540−0.0612i	0.0099+0.0253i	−0.0085+0.0170i	0.0186+0.0236i	−0.0166+0.0375i
56.4	0.2605−0.0239i	0.2049−0.1110i	0.2666−0.0354i	0.1443−0.0496i	0.0118+0.0241i	−0.0074+0.0153i	0.0193+0.0204i	−0.0117+0.0378i
56.5	0.2580−0.0304i	0.2151−0.1042i	0.2605−0.0384i	0.1450−0.0486i	0.0119+0.0203i	−0.0069+0.0122i	0.0195+0.0153i	−0.0102+0.0328i
56.6	0.2576−0.0259i	0.2077−0.0987i	0.2580−0.0492i	0.1431−0.0548i	0.0114+0.0194i	−0.0078+0.0110i	0.0169+0.0134i	−0.0103+0.0305i
56.7	0.2619−0.0197i	0.2086−0.0995i	0.2615−0.0519i	0.1459−0.0429i	0.0122+0.0224i	−0.0068+0.0145i	0.0164+0.0165i	−0.0097+0.0352i
56.8	0.2598−0.0270i	0.2118−0.0937i	0.2631−0.0480i	0.1441−0.0423i	0.0104+0.0196i	−0.0087+0.0126i	0.0142+0.0120i	−0.0143+0.0328i
56.9	0.2591−0.0263i	0.2085−0.0924i	0.2682−0.0525i	0.1416−0.0408i	0.0106+0.0173i	−0.0082+0.0098i	0.0152+0.0095i	−0.0135+0.0296i
57.0	0.2607−0.0266i	0.2082−0.0854i	0.2707−0.0542i	0.1457−0.0351i	0.0097+0.0159i	−0.0092+0.0075i	0.0127+0.0062i	−0.0146+0.0244i
57.1	0.2563−0.0234i	0.2115−0.0883i	0.2719−0.0553i	0.1463−0.0355i	0.0093+0.0156i	−0.0093+0.0076i	0.0123+0.0057i	−0.0127+0.0265i
57.2	0.2598−0.0215i	0.2163−0.0909i	0.2671−0.0513i	0.1464−0.0339i	0.0103+0.0162i	−0.0086+0.0084i	0.0140+0.0072i	−0.0102+0.0283i
57.3	0.2567−0.0291i	0.2153−0.0853i	0.2597−0.0496i	0.1429−0.0347i	0.0080+0.0155i	−0.0105+0.0076i	0.0090+0.0071i	−0.0135+0.0264i
57.4	0.2533−0.0357i	0.2168−0.0800i	0.2772−0.0529i	0.1365−0.0280i	0.0051+0.0134i	−0.0140+0.0058i	0.0047+0.0054i	−0.0181+0.0218i
57.5	0.2524−0.0308i	0.2184−0.0807i	0.2736−0.0573i	0.1376−0.0229i	0.0067+0.0156i	−0.0132+0.0075i	0.0071+0.0083i	−0.0172+0.0245i
57.6	0.2481−0.0229i	0.2225−0.0838i	0.2804−0.0569i	0.1340−0.0258i	0.0050+0.0175i	−0.0142+0.0095i	0.0055+0.0109i	−0.0185+0.0293i
57.7	0.2550−0.0206i	0.2172−0.0822i	0.2822−0.0596i	0.1280−0.0215i	0.0060+0.0167i	−0.0133+0.0094i	0.0083+0.0096i	−0.0180+0.0268i
57.8	0.2554−0.0217i	0.2190−0.0765i	0.2791−0.0607i	0.1248−0.0125i	0.0052+0.0172i	−0.0144+0.0093i	0.0060+0.0115i	−0.0184+0.0273i
57.9	0.2459−0.0210i	0.2086−0.0721i	0.2774−0.0572i	0.1238−0.0066i	0.0053+0.0166i	−0.0132+0.0081i	0.0062+0.0115i	−0.0151+0.0238i
58.0	0.2394−0.0127i	0.2151−0.0723i	0.2784−0.0556i	0.1193+0.0015i	0.0029+0.0189i	−0.0156+0.0104i	0.0028+0.0140i	−0.0209+0.0278i
58.1	0.2493−0.0052i	0.2191−0.0744i	0.2788−0.0573i	0.1246+0.0058i	0.0023+0.0218i	−0.0161+0.0136i	0.0019+0.0172i	−0.0220+0.0342i
58.2	0.2521+0.0017i	0.2162−0.0739i	0.2750−0.0554i	0.1258+0.0062i	0.0026+0.0222i	−0.0151+0.0136i	0.0035+0.0177i	−0.0198+0.0354i
58.3	0.2470+0.0037i	0.2201−0.0765i	0.2755−0.0451i	0.1203+0.0069i	0.0033+0.0251i	−0.0133+0.0146i	0.0053+0.0204i	−0.0191+0.0388i
58.4	0.2488+0.0047i	0.2205−0.0635i	0.2884−0.0384i	0.1114+0.0225i	0.0024+0.0245i	−0.0139+0.0139i	0.0064+0.0186i	−0.0214+0.0381i
58.5	0.2563+0.0074i	0.2177−0.0615i	0.2938−0.0464i	0.1071+0.0269i	0.0024+0.0245i	−0.0139+0.0150i	0.0061+0.0187i	−0.0183+0.0404i
58.6	0.2508+0.0208i	0.2165−0.0585i	0.2914−0.0462i	0.1108+0.0320i	0.0056+0.0263i	−0.0116+0.0153i	0.0075+0.0202i	−0.0148+0.0437i
58.7	0.2419+0.0308i	0.2197−0.0549i	0.2958−0.0352i	0.1106+0.0399i	0.0050+0.0299i	−0.0118+0.0172i	0.0075+0.0244i	−0.0159+0.0471i
58.8	0.2494+0.0364i	0.2249−0.0400i	0.3099−0.0274i	0.1126+0.0568i	0.0043+0.0302i	−0.0117+0.0169i	0.0078+0.0238i	−0.0150+0.0462i
58.9	0.2528+0.0542i	0.2280−0.0382i	0.3069−0.0269i	0.1076+0.0662i	0.0044+0.0332i	−0.0116+0.0194i	0.0085+0.0282i	−0.0144+0.0514i
59.0	0.2659+0.0641i	0.2397−0.0317i	0.3156−0.0232i	0.1084+0.0834i	0.0068+0.0369i	−0.0104+0.0208i	0.0118+0.0306i	−0.0107+0.0541i
59.1	0.2781+0.0746i	0.2489−0.0190i	0.3238−0.0152i	0.1298+0.0943i	0.0139+0.0379i	−0.0043+0.0203i	0.0198+0.0327i	−0.0004+0.0529i
59.2	0.2977+0.0927i	0.2564−0.0236i	0.3460−0.0074i	0.1413+0.1003i	0.0198+0.0400i	−0.0001+0.0216i	0.0289+0.0340i	0.0070+0.0549i
59.3	0.3094+0.0990i	0.2777−0.0306i	0.3620+0.0082i	0.1580+0.1015i	0.0228+0.0396i	0.0015+0.0207i	0.0330+0.0313i	0.0120+0.0546i
59.4	0.3292+0.1059i	0.2956−0.0395i	0.3746+0.0020i	0.1741+0.1023i	0.0279+0.0393i	0.0053+0.0201i	0.0391+0.0280i	0.0200+0.0552i
59.5	0.3550+0.0967i	0.3019−0.0414i	0.3913−0.0031i	0.1822+0.1008i	0.0342+0.0355i	0.0094+0.0161i	0.0456+0.0208i	0.0271+0.0507i
59.6	0.3692+0.0845i	0.3106−0.0510i	0.4156−0.0244i	0.1990+0.0887i	0.0362+0.0315i	0.0089+0.0121i	0.0452+0.0128i	0.0303+0.0437i
59.7	0.3778+0.0702i	0.3184−0.0693i	0.4250−0.0307i	0.2090+0.0816i	0.0383+0.0287i	0.0106+0.0087i	0.0468+0.0058i	0.0350+0.0386i
59.8	0.3980+0.0526i	0.3133−0.0776i	0.4389−0.0308i	0.1947+0.0623i	0.0416+0.0217i	0.0121+0.0020i	0.0486−0.0030i	0.0382+0.0282i
59.9	0.3591+0.1430i	0.2669+0.0363i	0.5105+0.0121i	0.2247+0.0612i	0.0512+0.0194i	0.0195+0.0018i	0.0538−0.0061i	0.0544+0.0345i
60.0	0.5376+0.0525i	0.4592−0.0883i	0.5162−0.1427i	0.1868−0.0017i	0.0488+0.0069i	0.0147−0.0092i	0.0526−0.0206i	0.0567+0.0064i
60.1	0.4923+0.0558i	0.4019−0.0766i	0.5179−0.1180i	0.1773+0.0174i	0.0483+0.0066i	0.0137−0.0080i	0.0488−0.0189i	0.0550+0.0070i
60.2	0.4037+0.0225i	0.2996−0.1103i	0.4852−0.0832i	0.1595+0.0479i	0.0426+0.0074i	0.0094−0.0073i	0.0383−0.0201i	0.0418+0.0080i
60.3	0.3996+0.0139i	0.2873−0.1128i	0.4879−0.0928i	0.1509+0.0352i	0.0413+0.0049i	0.0073−0.0076i	0.0332−0.0221i	0.0405+0.0039i
60.4	0.4026+0.0039i	0.2835−0.1162i	0.4929−0.1106i	0.1378+0.0365i	0.0411+0.0021i	0.0078−0.0090i	0.0322−0.0235i	0.0413−0.0013i
60.5	0.3939+0.0029i	0.2792−0.1171i	0.4952−0.1150i	0.1298+0.0439i	0.0396−0.0027i	0.0058−0.0120i	0.0275−0.0286i	0.0399−0.0085i
60.6	0.3903−0.0024i	0.2727−0.1194i	0.5069−0.1228i	0.1195+0.0561i	0.0379−0.0068i	0.0040−0.0145i	0.0238−0.0336i	0.0380−0.0104i
60.7	0.3944+0.0037i	0.2727−0.1254i	0.5163−0.1316i	0.1192+0.0686i	0.0355−0.0065i	0.0019−0.0164i	0.0198−0.0332i	0.0355−0.0120i
60.8	0.3902+0.0061i	0.2743−0.1270i	0.5178−0.1350i	0.1103+0.0720i	0.0363−0.0081i	0.0024−0.0170i	0.0199−0.0330i	0.0353−0.0172i
60.9	0.3933+0.0106i	0.2669−0.1203i	0.5216−0.1470i	0.0971+0.0825i	0.0372−0.0089i	0.0029−0.0173i	0.0201−0.0327i	0.0375−0.0221i
61.0	0.3960+0.0178i	0.2627−0.1213i	0.5350−0.1558i	0.0862+0.0902i	0.0348−0.0090i	0.0019−0.0168i	0.0171−0.0320i	0.0329−0.0210i
61.1	0.4053+0.0117i	0.2530−0.1114i	0.5465−0.1713i	0.0748+0.0972i	0.0318−0.0138i	−0.0016−0.0205i	0.0096−0.0348i	0.0267−0.0295i
61.2	0.4016+0.0122i	0.2546−0.1158i	0.5498−0.1828i	0.0774+0.1049i	0.0311−0.0167i	−0.0027−0.0234i	0.0098−0.0375i	0.0280−0.0353i
61.3	0.4076+0.0064i	0.2570−0.1194i	0.5551−0.1937i	0.0669+0.1169i	0.0341−0.0168i	−0.0004−0.0233i	0.0091−0.0384i	0.0331−0.0350i
61.4	0.4110+0.0068i	0.2570−0.1162i	0.5617−0.2080i	0.0687+0.1236i	0.0336−0.0191i	−0.0010−0.0255i	0.0069−0.0408i	0.0331−0.0407i
61.5	0.4134+0.0043i	0.2509−0.1167i	0.5761−0.2195i	0.0656+0.1348i	0.0313−0.0259i	−0.0035−0.0311i	0.0007−0.0473i	0.0315−0.0537i
61.6	0.4152+0.0144i	0.2441−0.1171i	0.5816−0.2196i	0.0530+0.1439i	0.0280−0.0266i	−0.0072−0.0317i	−0.0043−0.0472i	0.0253−0.0561i
61.7	0.4164+0.0119i	0.2488−0.1195i	0.5905−0.2378i	0.0464+0.1517i	0.0268−0.0264i	−0.0080−0.0312i	−0.0048−0.0432i	0.0219−0.0572i
61.8	0.4132+0.0034i	0.2449−0.1160i	0.5921−0.2630i	0.0324+0.1682i	0.0283−0.0275i	−0.0065−0.0324i	−0.0046−0.0413i	0.0248−0.0621i
61.9	0.4121+0.0168i	0.2453−0.1137i	0.5975−0.2740i	0.0355+0.1937i	0.0249−0.0296i	−0.0109−0.0340i	−0.0120−0.0419i	0.0188−0.0703i
62.0	0.4160+0.0181i	0.2429−0.1209i	0.6110−0.2898i	0.0353+0.2109i	0.0239−0.0316i	−0.0111−0.0359i	−0.0151−0.0418i	0.0206−0.0760i
62.1	0.4344+0.0200i	0.2374−0.1204i	0.6268−0.3046i	0.0326+0.2297i	0.0238−0.0331i	−0.0113−0.0368i	−0.0174−0.0405i	0.0219−0.0779i
62.2	0.4429+0.0261i	0.2348−0.1145i	0.6228−0.3184i	0.0388+0.2413i	0.0207−0.0351i	−0.0139−0.0367i	−0.0219−0.0384i	0.0143−0.0817i
62.3	0.4459+0.0223i	0.2365−0.1105i	0.6224−0.3423i	0.0281+0.2526i	0.0201−0.0390i	−0.0155−0.0409i	−0.0207−0.0415i	0.0125−0.0930i

62.4	0.4550+0.0263i	0.2317-0.1159i	0.6299-0.3521i	0.0292+0.2607i	0.0186-0.0391i	-0.0174-0.0417i	-0.0235-0.0371i	0.0104-0.0955i
62.5	0.4571+0.0217i	0.2274-0.1176i	0.6326-0.3618i	0.0268+0.2665i	0.0160-0.0404i	-0.0203-0.0415i	-0.0265-0.0356i	0.0025-0.0981i
62.6	0.4624+0.0278i	0.2287-0.1166i	0.6388-0.3821i	0.0169+0.2941i	0.0136-0.0463i	-0.0233-0.0468i	-0.0289-0.0399i	-0.0081-0.1111i
62.7	0.4739+0.0225i	0.2292-0.1142i	0.6386-0.4118i	0.0301+0.3279i	0.0098-0.0499i	-0.0264-0.0501i	-0.0327-0.0407i	-0.0178-0.1235i
62.8	0.4784+0.0151i	0.2267-0.1168i	0.6457-0.4405i	0.0276+0.3420i	0.0067-0.0487i	-0.0290-0.0477i	-0.0342-0.0343i	-0.0215-0.1237i
62.9	0.4815+0.0262i	0.2276-0.1119i	0.6572-0.4621i	0.0238+0.3582i	0.0050-0.0500i	-0.0312-0.0484i	-0.0360-0.0342i	-0.0253-0.1270i
63.0	0.4880+0.0290i	0.2245-0.1085i	0.6623-0.4829i	0.0266+0.3870i	0.0007-0.0522i	-0.0345-0.0494i	-0.0406-0.0359i	-0.0331-0.1308i
63.1	0.4940+0.0289i	0.2215-0.1004i	0.6765-0.5086i	0.0222+0.4175i	-0.0034-0.0548i	-0.0381-0.0517i	-0.0440-0.0356i	-0.0424-0.1377i
63.2	0.5049+0.0381i	0.2138-0.1110i	0.6662-0.5337i	0.0332+0.4244i	-0.0049-0.0584i	-0.0403-0.0555i	-0.0432-0.0381i	-0.0514-0.1476i
63.3	0.5136+0.0283i	0.2124-0.1100i	0.6543-0.5511i	0.0503+0.4523i	-0.0084-0.0590i	-0.0444-0.0556i	-0.0420-0.0337i	-0.0631-0.1498i
63.4	0.5256+0.0233i	0.2040-0.1073i	0.6582-0.5858i	0.0469+0.4771i	-0.0116-0.0592i	-0.0481-0.0548i	-0.0454-0.0289i	-0.0723-0.1514i
63.5	0.5361+0.0209i	0.2038-0.1085i	0.6434-0.6170i	0.0586+0.5031i	-0.0176-0.0619i	-0.0538-0.0570i	-0.0495-0.0316i	-0.0880-0.1547i
63.6	0.5527+0.0194i	0.2056-0.1056i	0.6270-0.6299i	0.0753+0.5229i	-0.0210-0.0641i	-0.0554-0.0581i	-0.0467-0.0350i	-0.0989-0.1576i
63.7	0.5589+0.0268i	0.1980-0.1063i	0.6184-0.6561i	0.0746+0.5405i	-0.0238-0.0639i	-0.0586-0.0583i	-0.0488-0.0340i	-0.1084-0.1604i
63.8	0.5664+0.0142i	0.1880-0.0983i	0.6015-0.6832i	0.0928+0.5565i	-0.0261-0.0652i	-0.0608-0.0585i	-0.0479-0.0345i	-0.1158-0.1604i
63.9	0.5807+0.0184i	0.1838-0.0967i	0.5944-0.7062i	0.1083+0.5878i	-0.0322-0.0661i	-0.0665-0.0597i	-0.0511-0.0379i	-0.1305-0.1582i
64.0	0.6045+0.0274i	0.1746-0.0910i	0.6049-0.7426i	0.1133+0.6263i	-0.0376-0.0696i	-0.0709-0.0627i	-0.0546-0.0417i	-0.1447-0.1611i
64.1	0.6154+0.0123i	0.1618-0.0830i	0.5828-0.8054i	0.1266+0.6751i	-0.0463-0.0735i	-0.0774-0.0655i	-0.0658-0.0453i	-0.1595-0.1663i
64.2	0.6232+0.0074i	0.1666-0.0837i	0.5618-0.8145i	0.1425+0.6982i	-0.0513-0.0751i	-0.0829-0.0663i	-0.0701-0.0508i	-0.1716-0.1660i
64.3	0.6266+0.0066i	0.1708-0.0788i	0.5585-0.8334i	0.1593+0.7243i	-0.0585-0.0748i	-0.0900-0.0651i	-0.0785-0.0504i	-0.1841-0.1582i
64.4	0.6412+0.0019i	0.1680-0.0637i	0.5292-0.8483i	0.1861+0.7341i	-0.0654-0.0723i	-0.0948-0.0629i	-0.0848-0.0473i	-0.1969-0.1508i
64.5	0.6538-0.0004i	0.1649-0.0467i	0.5064-0.8581i	0.2094+0.7418i	-0.0695-0.0729i	-0.0991-0.0643i	-0.0875-0.0508i	-0.2081-0.1526i
64.6	0.6661-0.0191i	0.1655-0.0317i	0.4797-0.8963i	0.2455+0.7843i	-0.0767-0.0700i	-0.1056-0.0605i	-0.0961-0.0447i	-0.2231-0.1473i
64.7	0.6746-0.0246i	0.1619-0.0305i	0.4637-0.9417i	0.2638+0.8285i	-0.0877-0.0687i	-0.1166-0.0589i	-0.1084-0.0428i	-0.2425-0.1435i
64.8	0.6846-0.0389i	0.1628-0.0366i	0.4449-0.9672i	0.2848+0.8559i	-0.0960-0.0660i	-0.1235-0.0575i	-0.1193-0.0400i	-0.2557-0.1356i
64.9	0.7046-0.0406i	0.1601-0.0249i	0.4126-0.9961i	0.3366+0.8992i	-0.0996-0.0636i	-0.1242-0.0528i	-0.1214-0.0322i	-0.2623-0.1336i
65.0	0.7151-0.0465i	0.1678-0.0206i	0.3814-0.9828i	0.3606+0.8790i	-0.1016-0.0604i	-0.1262-0.0488i	-0.1240-0.0276i	-0.2706-0.1245i
65.1	0.7382-0.0532i	0.1717-0.0064i	0.3574-1.0008i	0.3976+0.9004i	-0.1094-0.0543i	-0.1353-0.0451i	-0.1306-0.0231i	-0.2883-0.1101i
65.2	0.7513-0.0684i	0.1745-0.0029i	0.3409-1.0031i	0.4246+0.9000i	-0.1164-0.0483i	-0.1404-0.0398i	-0.1333-0.0197i	-0.3020-0.0947i
65.3	0.7604-0.0767i	0.1790-0.0059i	0.2894-1.0304i	0.4805+0.9286i	-0.1209-0.0484i	-0.1439-0.0387i	-0.1343-0.0189i	-0.3105-0.0902i
65.4	0.7751-0.0945i	0.1715+0.0026i	0.2368-1.0554i	0.5380+0.9576i	-0.1305-0.0425i	-0.1513-0.0334i	-0.1465-0.0126i	-0.3307-0.0742i
65.5	0.7750-0.1068i	0.1731+0.0025i	0.1930-1.0599i	0.5932+0.9564i	-0.1375-0.0325i	-0.1570-0.0245i	-0.1556-0.0014i	-0.3412-0.0564i
65.6	0.7912-0.1232i	0.1791+0.0134i	0.1593-1.0721i	0.6577+0.9703i	-0.1458-0.0225i	-0.1640-0.0154i	-0.1633+0.0105i	-0.3530-0.0371i
65.7	0.8065-0.1345i	0.1844+0.0276i	0.1364-1.0608i	0.6954+0.9578i	-0.1505-0.0167i	-0.1686-0.0105i	-0.1698+0.0167i	-0.3614-0.0249i
65.8	0.8257-0.1460i	0.1878+0.0193i	0.1099-1.0432i	0.7352+0.9393i	-0.1538-0.0083i	-0.1720-0.0033i	-0.1752+0.0258i	-0.3676-0.0083i
65.9	0.8331-0.1713i	0.1969+0.0277i	0.0305-1.0310i	0.8277+0.9226i	-0.1561+0.0017i	-0.1732+0.0058i	-0.1747+0.0404i	-0.3696+0.0115i
66.0	0.8473-0.1861i	0.1951+0.0379i	0.0221-1.0358i	0.8359+0.9192i	-0.1658+0.0077i	-0.1832+0.0097i	-0.1917+0.0411i	-0.3826+0.0259i
66.1	0.8597-0.2012i	0.1974+0.0406i	-0.0020-1.0460i	0.8544+0.9179i	-0.1662+0.0147i	-0.1839+0.0167i	-0.1938+0.0504i	-0.3801+0.0438i
66.2	0.8704-0.2238i	0.1910+0.0519i	-0.0158-1.0449i	0.8827+0.9180i	-0.1687+0.0250i	-0.1862+0.0258i	-0.2019+0.0641i	-0.3843+0.0644i
66.3	0.8808-0.2551i	0.1969+0.0616i	-0.0478-1.0360i	0.9339+0.9044i	-0.1722+0.0359i	-0.1883+0.0356i	-0.2054+0.0781i	-0.3864+0.0841i
66.4	0.8823-0.2801i	0.2035+0.0597i	-0.0895-1.0137i	0.9792+0.8715i	-0.1696+0.0497i	-0.1849+0.0469i	-0.1993+0.0956i	-0.3782+0.1054i
66.5	0.8988-0.3170i	0.2038+0.0638i	-0.1096-1.0147i	1.0194+0.8655i	-0.1716+0.0602i	-0.1874+0.0580i	-0.2076+0.1091i	-0.3740+0.1279i
66.6	0.9110-0.3480i	0.2081+0.0722i	-0.1202-1.0308i	1.0555+0.8637i	-0.1723+0.0682i	-0.1888+0.0649i	-0.2159+0.1207i	-0.3717+0.1409i
66.7	0.9288-0.3662i	0.2195+0.0902i	-0.1106-1.0486i	1.0717+0.8557i	-0.1774+0.0819i	-0.1942+0.0764i	-0.2272+0.1443i	-0.3733+0.1622i
66.8	0.9481-0.3879i	0.2159+0.1057i	-0.1460-1.0394i	1.0955+0.8533i	-0.1782+0.0903i	-0.1954+0.0830i	-0.2272+0.1606i	-0.3724+0.1715i
66.9	0.9321-0.4319i	0.2326+0.1099i	-0.1987-0.9960i	1.1772+0.8074i	-0.1694+0.1047i	-0.1893+0.0968i	-0.2081+0.1849i	-0.3632+0.1895i
67.0	0.9154-0.4471i	0.2473+0.1189i	-0.2362-0.9676i	1.2099+0.7775i	-0.1667+0.1137i	-0.1867+0.1050i	-0.1994+0.1971i	-0.3611+0.2076i
67.1	0.8951-0.4774i	0.2532+0.1132i	-0.2394-0.9688i	1.2381+0.7578i	-0.1613+0.1234i	-0.1811+0.1145i	-0.1913+0.2120i	-0.3509+0.2252i
67.2	0.8933-0.5084i	0.2702+0.1130i	-0.2706-0.9656i	1.2790+0.7227i	-0.1554+0.1320i	-0.1771+0.1229i	-0.1818+0.2223i	-0.3380+0.2409i
67.3	0.8971-0.5356i	0.2773+0.1306i	-0.2973-0.9621i	1.3108+0.6977i	-0.1549+0.1434i	-0.1772+0.1326i	-0.1826+0.2378i	-0.3329+0.2594i
67.4	0.8873-0.5888i	0.2855+0.1419i	-0.3097-0.9875i	1.3284+0.6954i	-0.1471+0.1575i	-0.1703+0.1445i	-0.1831+0.2626i	-0.3122+0.2798i
67.5	0.8593-0.6102i	0.2910+0.1352i	-0.3492-0.9432i	1.3668+0.6407i	-0.1351+0.1649i	-0.1594+0.1515i	-0.1651+0.2771i	-0.2879+0.2875i
67.6	0.8373-0.6318i	0.2993+0.1307i	-0.3659-0.9208i	1.3862+0.5903i	-0.1272+0.1698i	-0.1525+0.1572i	-0.1489+0.2869i	-0.2734+0.2867i
67.7	0.8187-0.6626i	0.3046+0.1257i	-0.3976-0.8943i	1.4095+0.5343i	-0.1157+0.1803i	-0.1423+0.1676i	-0.1327+0.3097i	-0.2522+0.2964i
67.8	0.8082-0.6758i	0.2986+0.1271i	-0.4220-0.8571i	1.4332+0.5044i	-0.1102+0.1849i	-0.1376+0.1711i	-0.1203+0.3213i	-0.2472+0.2967i
67.9	0.7895-0.7248i	0.3183+0.1414i	-0.4223-0.8820i	1.4575+0.5013i	-0.1019+0.1969i	-0.1316+0.1831i	-0.1081+0.3497i	-0.2339+0.3043i
68.0	0.7598-0.7383i	0.3298+0.1528i	-0.4378-0.8559i	1.4696+0.4735i	-0.0898+0.1978i	-0.1215+0.1838i	-0.0803+0.3572i	-0.2230+0.2996i
68.1	0.7393-0.7504i	0.3527+0.1629i	-0.4635-0.8299i	1.4855+0.4291i	-0.0799+0.2013i	-0.1135+0.1892i	-0.0571+0.3690i	-0.2131+0.3029i
68.2	0.7042-0.7643i	0.3633+0.1482i	-0.4757-0.8075i	1.4881+0.3860i	-0.0678+0.2013i	-0.1017+0.1903i	-0.0305+0.3723i	-0.2029+0.3011i
68.3	0.6745-0.7919i	0.3817+0.1592i	-0.4923-0.7979i	1.5042+0.3590i	-0.0616+0.2081i	-0.0957+0.1957i	-0.0134+0.3796i	-0.1972+0.3087i
68.4	0.6438-0.8143i	0.3977+0.1669i	-0.5122-0.7898i	1.5282+0.3293i	-0.0500+0.2109i	-0.0862+0.1992i	0.0124+0.3861i	-0.1863+0.3097i
68.5	0.6242-0.8114i	0.4119+0.1675i	-0.5227-0.7864i	1.5464+0.3145i	-0.0397+0.2121i	-0.0766+0.2020i	0.0326+0.3913i	-0.1747+0.3116i
68.6	0.6110-0.8137i	0.4302+0.1598i	-0.5360-0.7606i	1.5464+0.2668i	-0.0300+0.2144i	-0.0667+0.2036i	0.0544+0.3906i	-0.1634+0.3147i

68.7	0.5885−0.8168i	0.4336+0.1549i	−0.5445−0.7445i	1.5432+0.2404i	−0.0244+0.2171i	−0.0627+0.2063i	0.0690+0.3961i	−0.1583+0.3179i
68.8	0.5500−0.8172i	0.4485+0.1381i	−0.5554−0.7135i	1.5538+0.1959i	−0.0137+0.2178i	−0.0529+0.2094i	0.0936+0.3976i	−0.1478+0.3186i
68.9	0.5280−0.8051i	0.4559+0.1250i	−0.5691−0.6842i	1.5524+0.1522i	−0.0018+0.2145i	−0.0415+0.2067i	0.1161+0.3871i	−0.1374+0.3140i
69.0	0.5038−0.8015i	0.4647+0.1125i	−0.5934−0.6695i	1.5601+0.1243i	0.0087+0.2158i	−0.0319+0.2092i	0.1392+0.3913i	−0.1286+0.3132i
69.1	0.4839−0.8082i	0.4700+0.1031i	−0.5927−0.6711i	1.5620+0.1138i	0.0200+0.2154i	−0.0214+0.2087i	0.1636+0.3944i	−0.1143+0.3068i
69.2	0.4563−0.7981i	0.4695+0.0922i	−0.6043−0.6481i	1.5571+0.0690i	0.0311+0.2094i	−0.0102+0.2032i	0.1887+0.3844i	−0.1041+0.2969i
69.3	0.4432−0.7879i	0.4750+0.0816i	−0.6207−0.6198i	1.5533+0.0236i	0.0408+0.2069i	−0.0013+0.2030i	0.2142+0.3823i	−0.1010+0.2874i
69.4	0.4357−0.7737i	0.4704+0.0818i	−0.6263−0.6010i	1.5472−0.0078i	0.0508+0.2027i	0.0073+0.1980i	0.2415+0.3791i	−0.1030+0.2744i
69.5	0.4284−0.7628i	0.4641+0.0831i	−0.6334−0.5712i	1.5342−0.0408i	0.0594+0.1932i	0.0153+0.1894i	0.2708+0.3629i	−0.1083+0.2625i
69.6	0.4158−0.7678i	0.4670+0.0925i	−0.6349−0.5392i	1.5295−0.0706i	0.0682+0.1855i	0.0240+0.1831i	0.3078+0.3429i	−0.1142+0.2563i
69.7	0.3943−0.7680i	0.4669+0.0885i	−0.6271−0.5173i	1.5136−0.0951i	0.0738+0.1793i	0.0296+0.1778i	0.3354+0.3230i	−0.1238+0.2562i
69.8	0.3835−0.7631i	0.4687+0.0869i	−0.6301−0.5127i	1.5027−0.1116i	0.0770+0.1690i	0.0323+0.1706i	0.3521+0.2890i	−0.1370+0.2617i
69.9	0.3742−0.7538i	0.4771+0.0917i	−0.6285−0.4960i	1.4941−0.1307i	0.0832+0.1612i	0.0387+0.1640i	0.3740+0.2617i	−0.1387+0.2651i
70.0	0.3628−0.7487i	0.4805+0.0937i	−0.6356−0.4852i	1.4918−0.1348i	0.0871+0.1570i	0.0430+0.1598i	0.3879+0.2419i	−0.1406+0.2698i
70.1	0.3563−0.7343i	0.4884+0.0937i	−0.6481−0.4677i	1.4864−0.1488i	0.0907+0.1496i	0.0475+0.1530i	0.4020+0.2146i	−0.1412+0.2736i
70.2	0.3514−0.7303i	0.4964+0.0996i	−0.6555−0.4456i	1.4814−0.1659i	0.0911+0.1391i	0.0501+0.1430i	0.4092+0.1802i	−0.1440+0.2744i
70.3	0.3500−0.7296i	0.5086+0.1036i	−0.6603−0.4286i	1.4830−0.1809i	0.0919+0.1353i	0.0510+0.1393i	0.4101+0.1525i	−0.1483+0.2906i
70.4	0.3401−0.7174i	0.5124+0.0941i	−0.6547−0.4094i	1.4793−0.1917i	0.0923+0.1261i	0.0516+0.1328i	0.4102+0.1247i	−0.1469+0.2947i
70.5	0.3301−0.7197i	0.5166+0.0921i	−0.6523−0.3945i	1.4638−0.2118i	0.0911+0.1214i	0.0512+0.1280i	0.4089+0.1008i	−0.1438+0.3039i
70.6	0.3340−0.7215i	0.5331+0.0877i	−0.6575−0.3856i	1.4740−0.2281i	0.0893+0.1183i	0.0492+0.1244i	0.4104+0.0795i	−0.1509+0.3134i
70.7	0.3360−0.7227i	0.5420+0.0778i	−0.6459−0.3658i	1.4674−0.2513i	0.0842+0.1133i	0.0457+0.1199i	0.4014+0.0558i	−0.1562+0.3225i
70.8	0.3262−0.7213i	0.5437+0.0793i	−0.6479−0.3354i	1.4549−0.2719i	0.0845+0.1099i	0.0470+0.1161i	0.3972+0.0355i	−0.1523+0.3299i
70.9	0.3251−0.7113i	0.5526+0.0778i	−0.6548−0.3253i	1.4522−0.2868i	0.0819+0.1052i	0.0451+0.1113i	0.3909+0.0108i	−0.1536+0.3392i
71.0	0.3387−0.7069i	0.5671+0.0752i	−0.6443−0.3147i	1.4572−0.2901i	0.0794+0.1016i	0.0426+0.1079i	0.3833−0.0090i	−0.1546+0.3504i
71.1	0.3484−0.7154i	0.5741+0.0562i	−0.6399−0.3035i	1.4614−0.3064i	0.0782+0.0999i	0.0410+0.1059i	0.3784−0.0279i	−0.1540+0.3637i
71.2	0.3500−0.7042i	0.5688+0.0576i	−0.6273−0.2875i	1.4460−0.3144i	0.0761+0.0981i	0.0398+0.1038i	0.3727−0.0459i	−0.1541+0.3737i
71.3	0.3393−0.7045i	0.5684+0.0477i	−0.6270−0.2718i	1.4294−0.3320i	0.0756+0.0981i	0.0400+0.1039i	0.3677−0.0628i	−0.1463+0.3883i
71.4	0.3297−0.7191i	0.5740+0.0331i	−0.6223−0.2622i	1.4244−0.3504i	0.0763+0.0964i	0.0415+0.1034i	0.3598−0.0832i	−0.1367+0.4048i
71.5	0.3246−0.7413i	0.5884+0.0442i	−0.6206−0.2620i	1.4312−0.3707i	0.0759+0.0982i	0.0414+0.1044i	0.3500−0.0948i	−0.1296+0.4240i
71.6	0.3200−0.7489i	0.5883+0.0451i	−0.6174−0.2552i	1.4340−0.3837i	0.0755+0.0992i	0.0405+0.1032i	0.3367−0.1075i	−0.1179+0.4397i
71.7	0.3285−0.7501i	0.5833+0.0323i	−0.6090−0.2336i	1.4255−0.3893i	0.0742+0.0975i	0.0390+0.1014i	0.3207−0.1252i	−0.1037+0.4486i
71.8	0.3318−0.7413i	0.5974+0.0247i	−0.6150−0.2348i	1.4327−0.3910i	0.0725+0.0963i	0.0374+0.1002i	0.3067−0.1398i	−0.0939+0.4601i
71.9	0.3276−0.7577i	0.5984+0.0229i	−0.6217−0.2342i	1.4284−0.4101i	0.0734+0.0953i	0.0387+0.0999i	0.2931−0.1570i	−0.0777+0.4752i
72.0	0.3311−0.7652i	0.5992+0.0223i	−0.6221−0.2231i	1.4243−0.4213i	0.0732+0.0940i	0.0393+0.0992i	0.2775−0.1685i	−0.0633+0.4843i
72.1	0.3192−0.7780i	0.6179+0.0093i	−0.6339−0.2119i	1.4393−0.4469i	0.0731+0.0959i	0.0381+0.0976i	0.2588−0.1770i	−0.0422+0.4921i
72.2	0.3195−0.7952i	0.6070+0.0199i	−0.6323−0.1963i	1.4470−0.4692i	0.0726+0.0970i	0.0373+0.0976i	0.2390−0.1827i	−0.0295+0.5002i
72.3	0.3227−0.8072i	0.6078+0.0227i	−0.6251−0.1864i	1.4350−0.4850i	0.0710+0.0982i	0.0364+0.0979i	0.2221−0.1807i	−0.0141+0.4994i
72.4	0.3023−0.7988i	0.6104+0.0100i	−0.6258−0.1786i	1.4381−0.4839i	0.0711+0.0979i	0.0353+0.0978i	0.2090−0.1813i	−0.0009+0.5003i
72.5	0.2940−0.8164i	0.6130+0.0074i	−0.6375−0.1703i	1.4461−0.5140i	0.0728+0.0991i	0.0365+0.0992i	0.1969−0.1849i	0.0136+0.5131i
72.6	0.2713−0.8379i	0.6251+0.0045i	−0.6419−0.1519i	1.4338−0.5437i	0.0768+0.1015i	0.0400+0.1007i	0.1816−0.1797i	0.0419+0.5150i
72.7	0.2792−0.8431i	0.6131−0.0018i	−0.6553−0.1374i	1.4444−0.5629i	0.0760+0.1015i	0.0396+0.0977i	0.1707−0.1847i	0.0535+0.5101i
72.8	0.2811−0.8558i	0.6112+0.0082i	−0.6476−0.1344i	1.4595−0.5750i	0.0769+0.1024i	0.0391+0.1002i	0.1588−0.1822i	0.0644+0.5130i
72.9	0.2724−0.8609i	0.6209+0.0119i	−0.6533−0.1310i	1.4548−0.5887i	0.0813+0.1008i	0.0424+0.1005i	0.1524−0.1787i	0.0821+0.5075i
73.0	0.2613−0.8731i	0.6184+0.0075i	−0.6567−0.1053i	1.4375−0.5996i	0.0848+0.1009i	0.0447+0.1004i	0.1409−0.1767i	0.0992+0.5010i
73.1	0.2347−0.8890i	0.6422+0.0054i	−0.6579−0.0779i	1.4244−0.6326i	0.0879+0.1002i	0.0474+0.0991i	0.1315−0.1729i	0.1185+0.4945i
73.2	0.2098−0.9022i	0.6474+0.0055i	−0.6473−0.0646i	1.4345−0.6544i	0.0892+0.1017i	0.0491+0.0986i	0.1277−0.1664i	0.1318+0.4895i
73.3	0.1914−0.9224i	0.6521−0.0040i	−0.6387−0.0413i	1.4314−0.6835i	0.0922+0.1005i	0.0501+0.0986i	0.1211−0.1646i	0.1471+0.4890i
73.4	0.1967−0.9362i	0.6686−0.0028i	−0.6410−0.0182i	1.4353−0.7282i	0.0933+0.0998i	0.0506+0.0987i	0.1118−0.1618i	0.1586+0.4880i
73.5	0.1902−0.9536i	0.6590−0.0027i	−0.6334−0.0150i	1.4260−0.7313i	0.0933+0.1001i	0.0517+0.0985i	0.1115−0.1578i	0.1595+0.4819i
73.6	0.1518−0.9802i	0.6820+0.0012i	−0.6363−0.0012i	1.4097−0.7557i	0.0965+0.1000i	0.0542+0.0975i	0.1109−0.1602i	0.1748+0.4782i
73.7	0.1249−0.9810i	0.6850+0.0015i	−0.6333+0.0222i	1.3815−0.7772i	0.0981+0.0978i	0.0565+0.0976i	0.1019−0.1584i	0.1909+0.4765i
73.8	0.0943−0.9900i	0.6981+0.0047i	−0.6238+0.0217i	1.3769−0.7988i	0.1009+0.0981i	0.0581+0.0975i	0.0946−0.1597i	0.2079+0.4774i
73.9	0.0645−1.0197i	0.7200+0.0137i	−0.6317+0.0243i	1.3744−0.8345i	0.1023+0.0975i	0.0582+0.0967i	0.0841−0.1570i	0.2223+0.4785i
74.0	0.0418−1.0317i	0.7261+0.0101i	−0.6211+0.0361i	1.3580−0.8628i	0.1052+0.0968i	0.0597+0.0966i	0.0769−0.1509i	0.2402+0.4716i
74.1	0.0018−1.0298i	0.7333+0.0022i	−0.6378+0.0587i	1.3606−0.8721i	0.1091+0.0955i	0.0621+0.0969i	0.0724−0.1419i	0.2529+0.4618i
74.2	−0.0072−1.0047i	0.7367−0.0014i	−0.6421+0.0801i	1.3545−0.8808i	0.1100+0.0913i	0.0621+0.0916i	0.0668−0.1450i	0.2597+0.4481i
74.3	−0.0462−0.9952i	0.7436−0.0113i	−0.6266+0.0991i	1.3378−0.8960i	0.1122+0.0874i	0.0645+0.0881i	0.0656−0.1445i	0.2681+0.4344i
74.4	−0.0928−1.0161i	0.7669−0.0083i	−0.6226+0.1088i	1.3046−0.9099i	0.1166+0.0892i	0.0689+0.0895i	0.0670−0.1331i	0.2801+0.4255i
74.5	−0.1215−1.0227i	0.7842−0.0102i	−0.6332+0.1386i	1.3066−0.9378i	0.1171+0.0896i	0.0699+0.0900i	0.0677−0.1275i	0.2870+0.4200i
74.6	−0.1438−1.0258i	0.7847−0.0145i	−0.6474+0.1541i	1.3119−0.9740i	0.1174+0.0872i	0.0694+0.0877i	0.0675−0.1297i	0.2849+0.4121i
74.7	−0.1666−1.0070i	0.8011−0.0198i	−0.6327+0.1734i	1.2871−0.9870i	0.1198+0.0824i	0.0717+0.0861i	0.0700−0.1251i	0.2932+0.3991i
74.8	−0.1993−0.9744i	0.8141−0.0364i	−0.6224+0.1917i	1.2608−1.0073i	0.1238+0.0795i	0.0745+0.0826i	0.0711−0.1323i	0.3038+0.3951i
74.9	−0.2386−0.9833i	0.8348−0.0414i	−0.6388+0.2113i	1.2521−1.0288i	0.1243+0.0805i	0.0756+0.0811i	0.0737−0.1337i	0.3042+0.3953i

75.0	-0.2547-0.9698i	0.8517-0.0503i	-0.6110+0.2352i	1.2289-1.0487i	0.1264+0.0769i	0.0776+0.0791i	0.0743-0.1309i	0.3134+0.3818i
75.1	-0.2871-0.9497i	0.8507-0.0599i	-0.6199+0.2543i	1.2043-1.0628i	0.1281+0.0757i	0.0796+0.0794i	0.0751-0.1326i	0.3222+0.3799i
75.2	-0.3466-0.9347i	0.8709-0.0738i	-0.5900+0.2671i	1.1673-1.0898i	0.1297+0.0712i	0.0804+0.0774i	0.0721-0.1331i	0.3331+0.3685i
75.3	-0.3676-0.9153i	0.8836-0.0866i	-0.5820+0.2953i	1.1418-1.1112i	0.1319+0.0679i	0.0816+0.0736i	0.0741-0.1334i	0.3367+0.3567i
75.4	-0.4037-0.9176i	0.9050-0.0926i	-0.5655+0.3331i	1.1258-1.1451i	0.1326+0.0679i	0.0825+0.0734i	0.0726-0.1380i	0.3447+0.3593i
75.5	-0.4523-0.8905i	0.9253-0.1086i	-0.5362+0.3595i	1.0906-1.1589i	0.1342+0.0662i	0.0847+0.0714i	0.0714-0.1409i	0.3560+0.3542i
75.6	-0.4493-0.8812i	0.9374-0.1165i	-0.5341+0.3598i	1.0885-1.1517i	0.1335+0.0639i	0.0835+0.0705i	0.0646-0.1440i	0.3574+0.3528i
75.7	-0.4862-0.7856i	0.9504-0.1533i	-0.5144+0.3874i	1.0414-1.1323i	0.1375+0.0586i	0.0868+0.0658i	0.0655-0.1541i	0.3666+0.3405i
75.8	-0.5210-0.7699i	0.9735-0.1672i	-0.5117+0.4069i	1.0165-1.1396i	0.1397+0.0573i	0.0886+0.0651i	0.0650-0.1568i	0.3787+0.3338i
75.9	-0.5219-0.7162i	0.9759-0.1927i	-0.4667+0.4124i	0.9968-1.1438i	0.1410+0.0536i	0.0895+0.0607i	0.0586-0.1596i	0.3847+0.3216i
76.0	-0.5505-0.6918i	0.9898-0.2086i	-0.4209+0.4176i	0.9605-1.1527i	0.1422+0.0507i	0.0892+0.0573i	0.0484-0.1559i	0.3948+0.3106i
76.1	-0.5520-0.6567i	0.9932-0.2249i	-0.4227+0.4318i	0.9405-1.1404i	0.1407+0.0494i	0.0880+0.0556i	0.0439-0.1569i	0.3967+0.3024i
76.2	-0.5696-0.6209i	0.9898-0.2501i	-0.4124+0.4425i	0.9327-1.1444i	0.1398+0.0456i	0.0864+0.0539i	0.0376-0.1629i	0.4022+0.2952i
76.3	-0.5794-0.5961i	0.9993-0.2571i	-0.3799+0.4544i	0.9178-1.1507i	0.1418+0.0434i	0.0863+0.0517i	0.0334-0.1625i	0.4089+0.2874i
76.4	-0.6011-0.5646i	1.0219-0.2891i	-0.3613+0.4556i	0.8917-1.1404i	0.1432+0.0401i	0.0871+0.0500i	0.0290-0.1635i	0.4184+0.2763i
76.5	-0.6144-0.5229i	1.0144-0.3200i	-0.3593+0.4529i	0.8794-1.1216i	0.1420+0.0364i	0.0867+0.0491i	0.0220-0.1599i	0.4207+0.2621i
76.6	-0.6204-0.4673i	1.0063-0.3440i	-0.3424+0.4736i	0.8584-1.1176i	0.1434+0.0364i	0.0874+0.0474i	0.0193-0.1574i	0.4259+0.2508i
76.7	-0.6404-0.4292i	1.0164-0.3677i	-0.3108+0.4804i	0.8302-1.1191i	0.1437+0.0331i	0.0874+0.0440i	0.0165-0.1569i	0.4320+0.2378i
76.8	-0.6414-0.4118i	1.0210-0.3784i	-0.3016+0.4960i	0.8369-1.1334i	0.1428+0.0308i	0.0860+0.0423i	0.0099-0.1565i	0.4353+0.2313i
76.9	-0.6245-0.3694i	1.0111-0.4044i	-0.3195+0.5085i	0.8424-1.1263i	0.1444+0.0308i	0.0866+0.0428i	0.0090-0.1608i	0.4348+0.2302i
77.0	-0.6016-0.3338i	0.9897-0.4317i	-0.2942+0.5093i	0.8283-1.1052i	0.1437+0.0299i	0.0850+0.0411i	0.0075-0.1587i	0.4343+0.2204i
77.1	-0.5747-0.2786i	0.9782-0.4395i	-0.2675+0.5126i	0.8216-1.0769i	0.1426+0.0268i	0.0848+0.0380i	0.0024-0.1537i	0.4373+0.2024i
77.2	-0.5809-0.2606i	0.9861-0.4544i	-0.2765+0.5212i	0.8196-1.0867i	0.1406+0.0259i	0.0853+0.0401i	-0.0035-0.1529i	0.4377+0.1990i
77.3	-0.5649-0.2258i	0.9842-0.4796i	-0.2527+0.5181i	0.8172-1.1129i	0.1418+0.0219i	0.0850+0.0383i	-0.0056-0.1566i	0.4394+0.1931i
77.4	-0.5251-0.2019i	0.9651-0.5037i	-0.2177+0.5603i	0.8124-1.1309i	0.1408+0.0177i	0.0832+0.0355i	-0.0105-0.1559i	0.4369+0.1827i
77.5	-0.5071-0.1551i	0.9469-0.4984i	-0.1788+0.5835i	0.7873-1.1105i	0.1422+0.0178i	0.0833+0.0351i	-0.0107-0.1493i	0.4334+0.1696i
77.6	-0.4902-0.1276i	0.9422-0.5031i	-0.1653+0.6128i	0.7794-1.1285i	0.1427+0.0169i	0.0846+0.0349i	-0.0168-0.1529i	0.4416+0.1738i
77.7	-0.4805-0.1122i	0.9378-0.5189i	-0.1531+0.6156i	0.7766-1.1402i	0.1423+0.0171i	0.0849+0.0356i	-0.0187-0.1525i	0.4469+0.1765i
77.8	-0.4529-0.0904i	0.9345-0.5316i	-0.1149+0.6513i	0.7545-1.1539i	0.1484+0.0152i	0.0906+0.0343i	-0.0204-0.1520i	0.4646+0.1686i
77.9	-0.4161-0.0817i	0.9300-0.5355i	-0.0679+0.6577i	0.7567-1.1546i	0.1519+0.0125i	0.0918+0.0314i	-0.0230-0.1555i	0.4687+0.1588i
78.0	-0.3997-0.0684i	0.9334-0.5405i	-0.0428+0.6587i	0.7535-1.1464i	0.1533+0.0094i	0.0938+0.0302i	-0.0202-0.1593i	0.4721+0.1505i
78.1	-0.3700-0.0556i	0.9320-0.5400i	0.0078+0.6812i	0.7410-1.1659i	0.1575+0.0048i	0.0966+0.0254i	-0.0246-0.1651i	0.4856+0.1417i
78.2	-0.3448-0.0376i	0.9149-0.5616i	0.0640+0.6613i	0.7176-1.1792i	0.1612-0.0009i	0.1002+0.0216i	-0.0290-0.1651i	0.4941+0.1279i
78.3	-0.3147-0.0269i	0.9132-0.5674i	0.1315+0.6369i	0.6842-1.1719i	0.1563-0.0089i	0.0980+0.0147i	-0.0382-0.1681i	0.4926+0.1073i
78.4	-0.2964-0.0091i	0.9119-0.5819i	0.1636+0.6485i	0.6571-1.1760i	0.1580-0.0144i	0.1003+0.0098i	-0.0449-0.1705i	0.5046+0.0904i
78.5	-0.2572-0.0025i	0.9182-0.5966i	0.2271+0.6305i	0.6313-1.1781i	0.1560-0.0244i	0.0972+0.0020i	-0.0590-0.1720i	0.5038+0.0604i
78.6	-0.2455+0.0049i	0.9121-0.6175i	0.2527+0.6099i	0.6243-1.1750i	0.1537-0.0295i	0.0944-0.0041i	-0.0666-0.1755i	0.5014+0.0475i
78.7	-0.2362-0.0028i	0.9122-0.6326i	0.2661+0.5655i	0.6080-1.1625i	0.1492-0.0328i	0.0899-0.0065i	-0.0804-0.1749i	0.4997+0.0374i
78.8	-0.1901-0.0007i	0.9124-0.6399i	0.3179+0.5545i	0.6094-1.1731i	0.1441-0.0411i	0.0855-0.0141i	-0.0998-0.1818i	0.4989+0.0191i
78.9	-0.1090-0.0532i	0.8772-0.6344i	0.3632+0.5107i	0.6138-1.1896i	0.1341-0.0531i	0.0747-0.0255i	-0.1302-0.1932i	0.4863-0.0004i
79.0	-0.1361-0.1718i	0.8928-0.5895i	0.3765+0.4230i	0.5679-1.2083i	0.1113-0.0516i	0.0501-0.0198i	-0.1735-0.1631i	0.4566-0.0075i
79.1	-0.2864-0.1025i	0.9616-0.6391i	0.3526+0.4510i	0.5157-1.2025i	0.1155-0.0342i	0.0572-0.0010i	-0.1652-0.1160i	0.4806+0.0001i
79.2	-0.2905-0.0087i	0.9690-0.7090i	0.3636+0.4623i	0.5043-1.1785i	0.1230-0.0335i	0.0671-0.0008i	-0.1467-0.1069i	0.4904-0.0147i
79.3	-0.2643+0.0319i	0.9751-0.7402i	0.3985+0.4412i	0.5061-1.1598i	0.1273-0.0359i	0.0690-0.0019i	-0.1422-0.1037i	0.4911-0.0295i
79.4	-0.2108+0.0426i	0.9657-0.7560i	0.4352+0.4173i	0.5068-1.1577i	0.1245-0.0397i	0.0680-0.0053i	-0.1484-0.0966i	0.4853-0.0495i
79.5	-0.1920+0.0701i	0.9701-0.7791i	0.4489+0.3828i	0.4959-1.1329i	0.1193-0.0421i	0.0638-0.0062i	-0.1535-0.0892i	0.4797-0.0605i
79.6	-0.1573+0.0674i	0.9484-0.8038i	0.4684+0.3511i	0.4870-1.1266i	0.1164-0.0404i	0.0600-0.0039i	-0.1552-0.0737i	0.4709-0.0686i
79.7	-0.1215+0.0794i	0.9589-0.8417i	0.5260+0.3151i	0.4749-1.1553i	0.1183-0.0441i	0.0610-0.0046i	-0.1575-0.0540i	0.4717-0.0930i
79.8	-0.0813+0.0713i	0.9710-0.8869i	0.5517+0.2700i	0.4818-1.1456i	0.1160-0.0437i	0.0576-0.0052i	-0.1633-0.0406i	0.4660-0.1124i
79.9	-0.0614+0.0569i	0.9504-0.8969i	0.5349+0.2491i	0.5008-1.1290i	0.1172-0.0450i	0.0590-0.0064i	-0.1533-0.0404i	0.4578-0.1174i
80.0	-0.0513+0.0488i	0.9129-0.9245i	0.5176+0.2187i	0.4885-1.1193i	0.1151-0.0427i	0.0593-0.0036i	-0.1446-0.0258i	0.4444-0.1201i

1.1.26 Run 7 – VT270 – SF and shaft bending gauges

Vertical shaking at 270°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0550+0.0000i	-0.1913+0.0000i	-0.2150+0.0000i	-0.1116+0.0000i	3.4568+0.0000i	4.9677+0.0000i	2.7070+0.0000i	-20.8074+0.0000i
0.1	-0.0176-0.0028i	-0.0382-0.0152i	-0.0150-0.0203i	-0.0276-0.0084i	-0.9550+0.4607i	-12.1986+2.0679i	0.7144+0.2127i	-15.4583-0.3167i
0.2	-0.0107+0.0011i	-0.0101+0.0003i	0.0215-0.0004i	-0.0124+0.0000i	-1.7435+0.0372i	-15.2254+0.5501i	0.3624+0.0331i	-14.4456+0.3373i
0.3	-0.0112+0.0008i	-0.0107+0.0011i	0.0216-0.0004i	-0.0127+0.0003i	-1.7638+0.0452i	-15.0571+0.6812i	0.3553+0.0418i	-14.3517+0.4234i
0.4	-0.0116+0.0011i	-0.0109+0.0007i	0.0218-0.0005i	-0.0128+0.0004i	-1.7486+0.0569i	-14.8830+0.7600i	0.3645+0.0458i	-14.2514+0.4651i
0.5	-0.0115+0.0010i	-0.0104+0.0008i	0.0216-0.0008i	-0.0124+0.0006i	-1.7177+0.0686i	-14.7365+0.7681i	0.3892+0.0640i	-14.1548+0.4614i
0.6	-0.0114+0.0009i	-0.0099+0.0008i	0.0211-0.0005i	-0.0124+0.0011i	-1.6786+0.0827i	-14.6191+0.7897i	0.4131+0.0714i	-14.0850+0.4792i
0.7	-0.0114+0.0012i	-0.0100+0.0008i	0.0209-0.0004i	-0.0126+0.0015i	-1.6525+0.0715i	-14.4916+0.7536i	0.4335+0.0661i	-14.0062+0.4589i
0.8	-0.0106+0.0021i	-0.0098+0.0011i	0.0213+0.0001i	-0.0120+0.0018i	-1.6109-0.0448i	-14.4892+0.6109i	0.4828+0.0002i	-14.0096+0.3422i
0.9	-0.0094+0.0010i	-0.0090+0.0005i	0.0223-0.0009i	-0.0110+0.0007i	-1.6876-0.0534i	-14.5797+0.8103i	0.4499-0.0452i	-14.1060+0.5021i
1.0	-0.0099-0.0003i	-0.0094-0.0003i	0.0218-0.0019i	-0.0116-0.0003i	-1.6948-0.0063i	-14.3883+1.0081i	0.4089-0.0472i	-13.9692+0.6661i
1.1	-0.0103+0.0002i	-0.0097+0.0002i	0.0212-0.0014i	-0.0118+0.0001i	-1.7204-0.0209i	-14.2298+0.8406i	0.3780-0.0338i	-13.8547+0.5405i
1.2	-0.0104+0.0006i	-0.0097+0.0005i	0.0212-0.0009i	-0.0117+0.0005i	-1.7505-0.0013i	-14.1835+0.7267i	0.3688-0.0127i	-13.8299+0.4660i
1.3	-0.0102+0.0008i	-0.0094+0.0006i	0.0212-0.0009i	-0.0117+0.0007i	-1.7396+0.0000i	-14.1492+0.6614i	0.3823+0.0015i	-13.8020+0.4250i
1.4	-0.0099+0.0010i	-0.0091+0.0005i	0.0212-0.0008i	-0.0116+0.0007i	-1.7509+0.0136i	-14.1485+0.6097i	0.3846+0.0122i	-13.8073+0.3926i
1.5	-0.0092+0.0010i	-0.0087+0.0008i	0.0217-0.0007i	-0.0111+0.0008i	-1.7461+0.0436i	-14.1984+0.5710i	0.3958+0.0195i	-13.8459+0.3716i
1.6	-0.0089+0.0009i	-0.0083+0.0010i	0.0220-0.0005i	-0.0105+0.0010i	-1.7153+0.0545i	-14.2508+0.5359i	0.4173+0.0249i	-13.8759+0.3485i
1.7	-0.0082+0.0009i	-0.0075+0.0010i	0.0228-0.0003i	-0.0095+0.0009i	-1.7156+0.0567i	-14.3584+0.4897i	0.4298+0.0404i	-13.9615+0.3203i
1.8	-0.0064-0.0007i	-0.0064-0.0006i	0.0241-0.0018i	-0.0083-0.0004i	-1.7039+0.0837i	-14.6112+0.7018i	0.4730+0.0269i	-14.1456+0.4886i
1.9	-0.0078-0.0039i	-0.0073-0.0031i	0.0229-0.0039i	-0.0096-0.0025i	-1.6776+0.0633i	-14.4133+1.1187i	0.4628-0.0529i	-13.9955+0.7960i
2.0	-0.0095-0.0043i	-0.0086-0.0037i	0.0216-0.0044i	-0.0111-0.0029i	-1.6669+0.0391i	-14.1374+1.1432i	0.4243-0.0661i	-13.7926+0.8141i
2.1	-0.0129-0.0026i	-0.0114-0.0025i	0.0193-0.0032i	-0.0133-0.0019i	-1.6544+0.0434i	-13.8823+1.0006i	0.4024-0.0445i	-13.6054+0.7168i
2.2	-0.0130+0.0001i	-0.0116-0.0002i	0.0190-0.0016i	-0.0134-0.0002i	-1.6262+0.0329i	-13.8369+0.8405i	0.4171-0.0362i	-13.5633+0.6046i
2.3	-0.0089+0.0002i	-0.0089+0.0002i	0.0216-0.0014i	-0.0110+0.0000i	-1.5238-0.0552i	-14.0218+0.6913i	0.4889-0.0719i	-13.6794+0.4810i
2.4	-0.0099-0.0019i	-0.0084-0.0004i	0.0215-0.0023i	-0.0110-0.0011i	-1.7661-0.2669i	-14.0184+0.8289i	0.3617-0.1898i	-13.7087+0.5666i
2.5	-0.0115-0.0014i	-0.0087-0.0004i	0.0207-0.0020i	-0.0117-0.0008i	-1.9627-0.1568i	-13.8924+0.7935i	0.2451-0.1265i	-13.6348+0.5491i
2.6	-0.0104-0.0003i	-0.0085-0.0003i	0.0212-0.0017i	-0.0114-0.0004i	-1.8588+0.0107i	-13.9007+0.7204i	0.3033-0.0393i	-13.6212+0.5151i
2.7	-0.0098-0.0001i	-0.0084-0.0005i	0.0215-0.0019i	-0.0113-0.0004i	-1.8189+0.0263i	-13.9070+0.6928i	0.3245-0.0292i	-13.6226+0.5018i
2.8	-0.0096-0.0001i	-0.0082-0.0005i	0.0218-0.0017i	-0.0111-0.0003i	-1.8071+0.0244i	-13.9349+0.6665i	0.3318-0.0228i	-13.6385+0.4845i
2.9	-0.0095-0.0001i	-0.0079-0.0005i	0.0220-0.0018i	-0.0110-0.0002i	-1.7945+0.0169i	-13.9790+0.6762i	0.3408-0.0227i	-13.6681+0.4874i
3.0	-0.0094-0.0002i	-0.0083-0.0003i	0.0218-0.0017i	-0.0110-0.0006i	-1.7701+0.0474i	-13.9399+0.7157i	0.3543-0.0080i	-13.6269+0.5244i
3.1	-0.0097-0.0004i	-0.0081-0.0004i	0.0218-0.0016i	-0.0112-0.0005i	-1.7413+0.0708i	-13.8369+0.6918i	0.3567-0.0059i	-13.5372+0.5145i
3.2	-0.0100+0.0002i	-0.0080+0.0003i	0.0219-0.0013i	-0.0113+0.0001i	-1.7643+0.0621i	-13.7597+0.5155i	0.3239+0.0013i	-13.4820+0.3804i
3.3	-0.0098+0.0010i	-0.0076+0.0010i	0.0221-0.0008i	-0.0112+0.0006i	-1.7762+0.1310i	-13.8175+0.4074i	0.3236+0.0604i	-13.5281+0.3060i
3.4	-0.0096+0.0012i	-0.0071+0.0013i	0.0218-0.0009i	-0.0110+0.0008i	-1.7420+0.1732i	-13.8025+0.4374i	0.3385+0.0751i	-13.5040+0.3426i
3.5	-0.0097+0.0011i	-0.0065+0.0016i	0.0221-0.0006i	-0.0105+0.0014i	-1.6466+0.1643i	-13.7052+0.2672i	0.3841+0.0962i	-13.4007+0.2262i
3.6	-0.0076+0.0022i	-0.0052+0.0014i	0.0225+0.0004i	-0.0099+0.0022i	-1.5434-0.0492i	-14.1452+0.0309i	0.4779+0.0097i	-13.7057-0.0299i
3.7	-0.0056+0.0017i	-0.0044-0.0001i	0.0248-0.0006i	-0.0085+0.0014i	-1.6628-0.1482i	-14.4991+0.1912i	0.4759-0.0420i	-14.0000+0.0606i
3.8	-0.0061+0.0009i	-0.0051-0.0002i	0.0248-0.0011i	-0.0086+0.0003i	-1.7659-0.0760i	-14.4644+0.3510i	0.4320-0.0375i	-13.9986+0.2230i
3.9	-0.0058+0.0011i	-0.0052+0.0001i	0.0248-0.0009i	-0.0086+0.0007i	-1.7646-0.0525i	-14.4403+0.3664i	0.4298-0.0346i	-13.9762+0.2507i
4.0	-0.0054+0.0009i	-0.0048-0.0001i	0.0251-0.0011i	-0.0084+0.0005i	-1.7752-0.0256i	-14.4386+0.4060i	0.4196-0.0296i	-13.9694+0.2864i
4.1	-0.0052+0.0004i	-0.0045-0.0004i	0.0254-0.0014i	-0.0082+0.0002i	-1.7817+0.0002i	-14.4374+0.4352i	0.4154-0.0225i	-13.9616+0.3110i
4.2	-0.0051+0.0001i	-0.0043-0.0005i	0.0256-0.0015i	-0.0081+0.0001i	-1.7657+0.0276i	-14.4318+0.4429i	0.4194-0.0098i	-13.9485+0.3207i
4.3	-0.0051-0.0004i	-0.0040-0.0007i	0.0257-0.0017i	-0.0081-0.0002i	-1.7482+0.0444i	-14.4182+0.4549i	0.4220-0.0051i	-13.9277+0.3315i
4.4	-0.0050-0.0008i	-0.0037-0.0011i	0.0259-0.0020i	-0.0081-0.0005i	-1.7097+0.0619i	-14.4327+0.4677i	0.4399+0.0086i	-13.9265+0.3417i
4.5	-0.0050-0.0011i	-0.0034-0.0013i	0.0261-0.0024i	-0.0080-0.0008i	-1.6772+0.0855i	-14.4290+0.4669i	0.4613+0.0182i	-13.9127+0.3413i
4.6	-0.0050-0.0018i	-0.0032-0.0018i	0.0263-0.0027i	-0.0079-0.0011i	-1.6536+0.0803i	-14.4007+0.4429i	0.4738+0.0108i	-13.8785+0.3199i
4.7	-0.0061-0.0031i	-0.0041-0.0028i	0.0257-0.0033i	-0.0088-0.0015i	-1.6211+0.0197i	-14.4134+0.4087i	0.4847-0.0171i	-13.8886+0.2909i
4.8	-0.0102-0.0008i	-0.0077-0.0017i	0.0233-0.0020i	-0.0112-0.0008i	-1.6540-0.0227i	-14.4583+0.3062i	0.4799-0.0368i	-13.9394+0.2074i
4.9	-0.0096+0.0033i	-0.0071+0.0013i	0.0239+0.0006i	-0.0107+0.0016i	-1.6656-0.0126i	-14.4608+0.1998i	0.4795-0.0112i	-13.9333+0.1396i
5.0	-0.0029+0.0045i	-0.0017+0.0022i	0.0283+0.0014i	-0.0069+0.0028i	-1.7302-0.0796i	-14.7737+0.1919i	0.4772-0.0391i	-14.1562+0.1391i
5.1	-0.0026+0.0029i	-0.0015+0.0015i	0.0285+0.0003i	-0.0069+0.0018i	-1.7417-0.0293i	-14.8307+0.2968i	0.4696-0.0239i	-14.1950+0.2158i
5.2	-0.0030+0.0028i	-0.0012+0.0015i	0.0287+0.0002i	-0.0073+0.0016i	-1.7003+0.0194i	-14.7639+0.3339i	0.4837-0.0019i	-14.1339+0.2481i
5.3	-0.0025+0.0037i	0.0002+0.0015i	0.0295+0.0006i	-0.0069+0.0020i	-1.5850+0.0223i	-14.7142+0.2073i	0.5367+0.0184i	-14.0697+0.1490i
5.4	-0.0003+0.0032i	0.0013+0.0005i	0.0313-0.0002i	-0.0052+0.0021i	-1.5112-0.2331i	-15.0598-0.0079i	0.6293-0.0738i	-14.3226-0.0420i
5.5	0.0015+0.0015i	0.0018-0.0005i	0.0325-0.0015i	-0.0046+0.0010i	-1.6439-0.2497i	-15.2211+0.1617i	0.5725-0.1178i	-14.4441+0.0775i
5.6	0.0019-0.0004i	0.0021-0.0016i	0.0330-0.0024i	-0.0046-0.0001i	-1.6866-0.1432i	-15.2733+0.2932i	0.5523-0.0971i	-14.4816+0.1891i

5.7	0.0008-0.0015i	0.0011-0.0023i	0.0324-0.0029i	-0.0054-0.0007i	-1.6607-0.1359i	-15.3064+0.3442i	0.5669-0.1012i	-14.5046+0.2250i
5.8	-0.0000-0.0007i	0.0006-0.0016i	0.0322-0.0025i	-0.0060-0.0002i	-1.6435-0.1623i	-15.3288+0.3468i	0.5797-0.1157i	-14.5139+0.2269i
5.9	-0.0003+0.0000i	0.0004-0.0010i	0.0325-0.0022i	-0.0065+0.0003i	-1.6477-0.1626i	-15.3794+0.3621i	0.5831-0.1190i	-14.5472+0.2424i
6.0	-0.0003+0.0011i	0.0005+0.0002i	0.0330-0.0015i	-0.0067+0.0011i	-1.6285-0.1300i	-15.4210+0.3684i	0.5960-0.1078i	-14.5694+0.2563i
6.1	0.0010+0.0018i	0.0018+0.0009i	0.0343-0.0012i	-0.0062+0.0016i	-1.5882-0.1340i	-15.4749+0.3843i	0.6249-0.1116i	-14.5934+0.2701i
6.2	0.0029+0.0016i	0.0036+0.0008i	0.0362-0.0015i	-0.0055+0.0018i	-1.5040-0.1575i	-15.5939+0.4047i	0.6825-0.1272i	-14.6599+0.2861i
6.3	0.0037+0.0010i	0.0045+0.0003i	0.0373-0.0020i	-0.0054+0.0016i	-1.4422-0.1860i	-15.6597+0.4130i	0.7252-0.1488i	-14.6924+0.2844i
6.4	0.0043+0.0004i	0.0051-0.0000i	0.0384-0.0025i	-0.0056+0.0016i	-1.3620-0.2360i	-15.7143+0.4329i	0.7759-0.1786i	-14.7126+0.2909i
6.5	0.0048-0.0001i	0.0059-0.0002i	0.0398-0.0031i	-0.0060+0.0017i	-1.2400-0.2710i	-15.8099+0.4504i	0.8533-0.2024i	-14.7612+0.3027i
6.6	0.0052-0.0007i	0.0064-0.0007i	0.0414-0.0040i	-0.0068+0.0020i	-1.0693-0.3809i	-15.8997+0.4836i	0.9566-0.2682i	-14.8020+0.3134i
6.7	0.0052-0.0013i	0.0067-0.0011i	0.0427-0.0050i	-0.0078+0.0024i	-0.9044-0.5241i	-15.9744+0.5346i	1.0534-0.3576i	-14.8324+0.3319i
6.8	0.0054-0.0015i	0.0074-0.0009i	0.0457-0.0065i	-0.0101+0.0040i	-0.5582-0.7705i	-16.1059+0.5671i	1.2552-0.5077i	-14.8794+0.3276i
6.9	0.0054-0.0010i	0.0080-0.0004i	0.0486-0.0084i	-0.0124+0.0066i	-0.2271-1.1576i	-16.2223+0.6195i	1.4540-0.7360i	-14.9234+0.3268i
7.0	0.0065-0.0007i	0.0098-0.0008i	0.0518-0.0158i	-0.0136+0.0140i	-0.0302-2.3614i	-16.3158+0.8597i	1.5651-1.4409i	-14.9580+0.3748i
7.1	0.0079-0.0015i	0.0118-0.0022i	0.0515-0.0253i	-0.0105+0.0223i	-0.4135-3.7023i	-16.3349+1.1061i	1.3373-2.2232i	-15.0023+0.4109i
7.2	0.0052-0.0041i	0.0094-0.0060i	0.0356-0.0338i	0.0027+0.0268i	-2.7310-4.4855i	-15.9855+1.2696i	-0.0192-2.6608i	-14.9947+0.4432i
7.3	0.0021-0.0008i	0.0060-0.0041i	0.0227-0.0293i	0.0120+0.0258i	-4.4282-4.0498i	-15.7069+1.1343i	-1.0048-2.3875i	-14.9721+0.4024i
7.4	0.0060+0.0051i	0.0080+0.0006i	0.0182-0.0176i	0.0209+0.0210i	-5.5609-2.8199i	-15.6446+0.8225i	-1.6451-1.6518i	-15.0226+0.3240i
7.5	0.0103+0.0040i	0.0111+0.0004i	0.0215-0.0100i	0.0230+0.0121i	-5.5369-1.4204i	-15.8081+0.6117i	-1.6005-0.8417i	-15.1162+0.3152i
7.6	0.0116+0.0021i	0.0123-0.0004i	0.0260-0.0066i	0.0204+0.0064i	-4.9587-0.6902i	-16.0097+0.5065i	-1.2534-0.4142i	-15.1888+0.3097i
7.7	0.0122+0.0016i	0.0132-0.0007i	0.0293-0.0056i	0.0181+0.0047i	-4.5539-0.4926i	-16.1640+0.4983i	-1.0057-0.3099i	-15.2493+0.3221i
7.8	0.0136+0.0013i	0.0146-0.0009i	0.0318-0.0053i	0.0176+0.0040i	-4.4007-0.4470i	-16.3167+0.5352i	-0.9027-0.2939i	-15.3326+0.3523i
7.9	0.0149+0.0009i	0.0157-0.0011i	0.0335-0.0051i	0.0180+0.0034i	-4.4724-0.3726i	-16.3958+0.5058i	-0.9413-0.2483i	-15.3822+0.3346i
8.0	0.0153-0.0003i	0.0165-0.0020i	0.0347-0.0050i	0.0176+0.0020i	-4.4434-0.1271i	-16.5047+0.5056i	-0.9110-0.1165i	-15.4484+0.3551i
8.1	0.0162-0.0003i	0.0174-0.0019i	0.0363-0.0047i	0.0176+0.0015i	-4.4068-0.0186i	-16.6278+0.4919i	-0.8745-0.0461i	-15.5209+0.3571i
8.2	0.0173-0.0000i	0.0185-0.0017i	0.0376-0.0041i	0.0180+0.0012i	-4.4124+0.1238i	-16.7404+0.4364i	-0.8717+0.0372i	-15.5930+0.3305i
8.3	0.0186-0.0003i	0.0198-0.0018i	0.0393-0.0039i	0.0183+0.0008i	-4.4034+0.2523i	-16.8666+0.4243i	-0.8547+0.1130i	-15.6701+0.3349i
8.4	0.0196-0.0009i	0.0210-0.0022i	0.0410-0.0042i	0.0186+0.0003i	-4.4267+0.3342i	-16.9974+0.4248i	-0.8505+0.1580i	-15.7529+0.3368i
8.5	0.0208-0.0013i	0.0223-0.0025i	0.0426-0.0044i	0.0190+0.0000i	-4.4536+0.4241i	-17.1248+0.4218i	-0.8613+0.2035i	-15.8342+0.3440i
8.6	0.0222-0.0017i	0.0239-0.0029i	0.0443-0.0046i	0.0194-0.0003i	-4.5530+0.5365i	-17.2503+0.4178i	-0.9146+0.2723i	-15.9217+0.3511i
8.7	0.0232-0.0023i	0.0252-0.0034i	0.0460-0.0051i	0.0198-0.0005i	-4.7153+0.6967i	-17.3532+0.4056i	-0.9978+0.3687i	-15.9996+0.3570i
8.8	0.0245-0.0024i	0.0266-0.0037i	0.0478-0.0054i	0.0201-0.0007i	-4.9390+0.8950i	-17.4538+0.3966i	-1.1129+0.4888i	-16.0803+0.3750i
8.9	0.0259-0.0033i	0.0286-0.0044i	0.0498-0.0066i	0.0206-0.0005i	-5.1544+1.2465i	-17.5584+0.3528i	-1.2084+0.6973i	-16.1589+0.3772i
9.0	0.0271-0.0045i	0.0302-0.0057i	0.0513-0.0081i	0.0214-0.0004i	-5.1883+1.7379i	-17.7184+0.2755i	-1.2122+0.9768i	-16.2680+0.3640i
9.1	0.0279-0.0056i	0.0311-0.0070i	0.0524-0.0097i	0.0220-0.0006i	-5.0783+2.1828i	-17.8923+0.2431i	-1.1326+1.2285i	-16.3608+0.3861i
9.2	0.0289-0.0066i	0.0327-0.0083i	0.0545-0.0115i	0.0221-0.0002i	-5.4945+2.7334i	-17.9635+0.1862i	-1.3591+1.5583i	-16.4344+0.4002i
9.3	0.0289-0.0087i	0.0331-0.0115i	0.0544-0.0162i	0.0231+0.0010i	-5.1114+4.4274i	-18.2069+0.0281i	-1.1080+2.5366i	-16.5603+0.4520i
9.4	0.0271-0.0092i	0.0309-0.0130i	0.0502-0.0186i	0.0250+0.0022i	-3.2826+5.4163i	-18.5555-0.0825i	-0.0248+3.1113i	-16.6130+0.4730i
9.5	0.0260-0.0070i	0.0290-0.0112i	0.0458-0.0166i	0.0285+0.0023i	-0.9234+4.8943i	-19.1013-0.0244i	1.3834+2.7907i	-16.7497+0.4631i
9.6	0.0275-0.0051i	0.0300-0.0090i	0.0459-0.0131i	0.0303+0.0009i	-0.3422+3.5268i	-19.2954+0.1541i	1.7313+1.9763i	-16.8120+0.4486i
9.7	0.0300-0.0040i	0.0322-0.0075i	0.0476-0.0103i	0.0320-0.0001i	-0.2702+2.3687i	-19.4603+0.2657i	1.7637+1.3074i	-16.9021+0.4102i
9.8	0.0325-0.0039i	0.0347-0.0071i	0.0500-0.0091i	0.0332-0.0013i	-0.6059+1.6974i	-19.6496+0.4134i	1.6005+0.9038i	-17.0525+0.4482i
9.9	0.0347-0.0040i	0.0370-0.0071i	0.0524-0.0084i	0.0345-0.0019i	-0.9316+1.2395i	-19.7987+0.5004i	1.4254+0.6322i	-17.1712+0.4609i
10.0	0.0363-0.0047i	0.0387-0.0080i	0.0542-0.0086i	0.0353-0.0027i	-1.1447+1.0293i	-19.9218+0.5727i	1.3053+0.5129i	-17.2628+0.4886i
10.1	0.0385-0.0056i	0.0409-0.0090i	0.0565-0.0091i	0.0367-0.0036i	-1.3951+0.8772i	-20.1176+0.6853i	1.1740+0.4103i	-17.4059+0.5528i
10.2	0.0401-0.0060i	0.0426-0.0097i	0.0581-0.0095i	0.0377-0.0041i	-1.5546+0.8012i	-20.2696+0.7149i	1.0970+0.3508i	-17.5163+0.5600i
10.3	0.0414-0.0065i	0.0438-0.0101i	0.0593-0.0098i	0.0386-0.0043i	-1.6785+0.7702i	-20.4372+0.7454i	1.0409+0.3331i	-17.6323+0.5774i
10.4	0.0431-0.0062i	0.0456-0.0097i	0.0606-0.0095i	0.0401-0.0043i	-1.7570+0.7426i	-20.7136+0.7235i	1.0243+0.3238i	-17.8154+0.5619i
10.5	0.0448-0.0058i	0.0473-0.0094i	0.0622-0.0093i	0.0418-0.0042i	-1.7839+0.6951i	-20.8892+0.7085i	1.0142+0.3002i	-17.9193+0.5420i
10.6	0.0473-0.0061i	0.0499-0.0099i	0.0643-0.0091i	0.0440-0.0046i	-1.8364+0.5958i	-21.1632+0.7264i	1.0118+0.2412i	-18.0959+0.5424i
10.7	0.0493-0.0065i	0.0520-0.0105i	0.0660-0.0092i	0.0455-0.0053i	-1.9063+0.5159i	-21.4186+0.7880i	1.0009+0.1861i	-18.2652+0.5802i
10.8	0.0515-0.0072i	0.0543-0.0112i	0.0683-0.0096i	0.0473-0.0061i	-1.9753+0.4585i	-21.6584+0.8819i	0.9799+0.1440i	-18.4186+0.6361i
10.9	0.0536-0.0074i	0.0567-0.0114i	0.0704-0.0098i	0.0489-0.0065i	-2.1004+0.4110i	-21.9322+0.9362i	0.9205+0.1124i	-18.6018+0.6690i
11.0	0.0565-0.0072i	0.0595-0.0115i	0.0731-0.0098i	0.0508-0.0066i	-2.1999+0.3749i	-22.2176+0.9689i	0.8864+0.0929i	-18.7859+0.6886i
11.1	0.0586-0.0074i	0.0614-0.0119i	0.0748-0.0098i	0.0525-0.0068i	-2.2702+0.3809i	-22.4354+0.9900i	0.8766+0.0863i	-18.9196+0.7013i
11.2	0.0606-0.0076i	0.0635-0.0120i	0.0766-0.0099i	0.0540-0.0069i	-2.3494+0.3648i	-22.6645+0.9888i	0.8632+0.0846i	-19.0595+0.7013i
11.3	0.0644-0.0072i	0.0674-0.0118i	0.0800-0.0097i	0.0571-0.0068i	-2.4519+0.3383i	-23.0830+0.9727i	0.8441+0.0720i	-19.3275+0.6852i
11.4	0.0671-0.0078i	0.0704-0.0123i	0.0826-0.0103i	0.0594-0.0074i	-2.5147+0.3620i	-23.4005+1.0431i	0.8328+0.0720i	-19.5318+0.7332i
11.5	0.0703-0.0083i	0.0738-0.0130i	0.0854-0.0110i	0.0622-0.0078i	-2.5768+0.3392i	-23.7323+1.1187i	0.8243+0.0529i	-19.7420+0.7816i
11.6	0.0741-0.0080i	0.0775-0.0130i	0.0886-0.0110i	0.0652-0.0078i	-2.6214+0.3430i	-24.1108+1.1506i	0.8301+0.0527i	-19.9771+0.8039i
11.7	0.0774-0.0083i	0.0813-0.0135i	0.0916-0.0110i	0.0679-0.0080i	-2.6850+0.3569i	-24.4824+1.1815i	0.8360+0.0590i	-20.2110+0.8290i
11.8	0.0815-0.0088i	0.0856-0.0144i	0.0949-0.0116i	0.0710-0.0087i	-2.7657+0.4082i	-24.8625+1.2344i	0.8270+0.0701i	-20.4486+0.8593i
11.9	0.0862-0.0096i	0.0906-0.0158i	0.0989-0.0126i	0.0748-0.0097i	-2.8850+0.4337i	-25.2636+1.3540i	0.7935+0.0633i	-20.6928+0.9373i

12.0	0.0908-0.0102i	0.0955-0.0164i	0.1030-0.0131i	0.0786-0.0101i	-2.9642+0.4603i	-25.7418+1.3795i	0.7903+0.0771i	-20.9967+0.9533i
12.1	0.0968-0.0108i	0.1018-0.0175i	0.1081-0.0137i	0.0834-0.0105i	-3.0011+0.4721i	-26.3109+1.3803i	0.8063+0.1122i	-21.3543+0.9529i
12.2	0.1020-0.0121i	0.1074-0.0195i	0.1124-0.0151i	0.0878-0.0118i	-3.1065+0.4779i	-26.7650+1.5083i	0.7971+0.1018i	-21.6378+1.0426i
12.3	0.1077-0.0139i	0.1138-0.0222i	0.1173-0.0170i	0.0926-0.0134i	-3.1635+0.5414i	-27.3150+1.6251i	0.8303+0.1232i	-21.9771+1.1178i
12.4	0.1140-0.0163i	0.1205-0.0256i	0.1225-0.0195i	0.0980-0.0153i	-3.2344+0.6158i	-27.8859+1.7529i	0.8364+0.1396i	-22.3230+1.1969i
12.5	0.1204-0.0197i	0.1267-0.0303i	0.1273-0.0226i	0.1031-0.0182i	-3.2674+0.6479i	-28.4547+1.9289i	0.8676+0.1456i	-22.6711+1.3064i
12.6	0.1252-0.0227i	0.1311-0.0348i	0.1311-0.0256i	0.1071-0.0209i	-3.2934+0.6571i	-28.9716+2.0687i	0.9130+0.1459i	-22.9893+1.3888i
12.7	0.1310-0.0273i	0.1354-0.0418i	0.1353-0.0297i	0.1113-0.0253i	-3.3058+0.6613i	-29.6317+2.3379i	0.9566+0.1286i	-23.3924+1.5495i
12.8	0.1356-0.0312i	0.1384-0.0473i	0.1386-0.0330i	0.1147-0.0286i	-3.3784+0.6954i	-30.1909+2.5248i	0.9738+0.1027i	-23.7404+1.6626i
12.9	0.1399-0.0352i	0.1403-0.0515i	0.1418-0.0361i	0.1179-0.0317i	-3.4078+0.7172i	-30.9301+2.7544i	1.0158+0.0986i	-24.2090+1.7969i
13.0	0.1428-0.0368i	0.1407-0.0529i	0.1439-0.0372i	0.1203-0.0333i	-3.4386+0.7539i	-31.5120+2.8999i	1.0497+0.0946i	-24.5618+1.8868i
13.1	0.1466-0.0382i	0.1433-0.0530i	0.1471-0.0382i	0.1235-0.0340i	-3.5307+0.7511i	-32.1356+3.1071i	1.0573+0.0843i	-24.9551+2.0218i
13.2	0.1531-0.0369i	0.1485-0.0503i	0.1521-0.0371i	0.1287-0.0326i	-3.6167+0.7371i	-32.9793+3.0484i	1.0782+0.0976i	-25.4896+1.9838i
13.3	0.1629-0.0360i	0.1582-0.0477i	0.1603-0.0361i	0.1370-0.0316i	-3.7144+0.7562i	-34.0802+3.0884i	1.1454+0.0905i	-26.1775+2.0027i
13.4	0.1711-0.0367i	0.1667-0.0474i	0.1673-0.0370i	0.1440-0.0322i	-3.7484+0.7786i	-34.9485+3.3391i	1.2130+0.0706i	-26.7046+2.1755i
13.5	0.1808-0.0384i	0.1767-0.0484i	0.1751-0.0384i	0.1523-0.0336i	-3.7635+0.8325i	-35.9341+3.5755i	1.3022+0.0897i	-27.3079+2.3341i
13.6	0.1947-0.0411i	0.1916-0.0508i	0.1864-0.0406i	0.1642-0.0362i	-3.8609+0.8875i	-37.3080+3.9683i	1.3763+0.0579i	-28.1509+2.5851i
13.7	0.2100-0.0427i	0.2074-0.0525i	0.1987-0.0419i	0.1772-0.0376i	-3.8788+0.8644i	-38.8402+4.1414i	1.5067+0.0325i	-29.0891+2.6835i
13.8	0.2249-0.0474i	0.2227-0.0572i	0.2107-0.0458i	0.1897-0.0416i	-3.9419+0.8584i	-40.3100+4.6150i	1.6126+0.0006i	-29.9893+2.9672i
13.9	0.2392-0.0519i	0.2370-0.0623i	0.2219-0.0497i	0.2012-0.0460i	-4.0284+0.8472i	-41.6324+5.1257i	1.6908-0.0625i	-30.7982+3.2881i
14.0	0.2594-0.0579i	0.2570-0.0687i	0.2381-0.0548i	0.2174-0.0516i	-4.1141+0.8358i	-43.5391+5.7278i	1.8057-0.1292i	-31.9705+3.6590i
14.1	0.2789-0.0667i	0.2765-0.0783i	0.2538-0.0621i	0.2332-0.0594i	-4.2517+0.8477i	-45.3763+6.6101i	1.8874-0.2218i	-33.1003+4.1981i
14.2	0.2990-0.0787i	0.2970-0.0908i	0.2700-0.0717i	0.2499-0.0698i	-4.3858+0.8592i	-47.2871+7.7083i	1.9926-0.3104i	-34.2730+4.8675i
14.3	0.3238-0.0906i	0.3222-0.1038i	0.2903-0.0814i	0.2701-0.0801i	-4.5876+0.8286i	-49.6137+8.7292i	2.0870-0.4117i	-35.6973+5.4828i
14.4	0.3554-0.1062i	0.3539-0.1200i	0.3156-0.0941i	0.2956-0.0935i	-4.8596+0.6720i	-52.6313+10.1302i	2.2490-0.6226i	-37.5675+6.3253i
14.5	0.3850-0.1266i	0.3835-0.1410i	0.3389-0.1105i	0.3195-0.1107i	-5.0166+0.6746i	-55.3836+11.8760i	2.4483-0.8057i	-39.2517+7.3822i
14.6	0.4111-0.1512i	0.4090-0.1670i	0.3597-0.1307i	0.3400-0.1318i	-5.2443+0.6974i	-57.8388+14.0366i	2.5374-1.0199i	-40.7648+8.6974i
14.7	0.4406-0.1997i	0.4392-0.2176i	0.3843-0.1697i	0.3636-0.1722i	-5.7183+0.5928i	-60.8651+18.2561i	2.5510-1.4968i	-42.6524+11.2700i
14.8	0.4496-0.2349i	0.4489-0.2555i	0.3929-0.1984i	0.3706-0.2013i	-6.1588+0.6465i	-62.1301+21.2455i	2.4100-1.7414i	-43.4736+13.0926i
14.9	0.4662-0.2585i	0.4595-0.2871i	0.4054-0.2208i	0.3815-0.2225i	-6.7518+1.0559i	-64.2992+23.3629i	2.2916-1.7203i	-44.8658+14.4126i
15.0	0.4964-0.2690i	0.4784-0.2928i	0.4259-0.2284i	0.4020-0.2286i	-7.2646+1.3129i	-67.4343+24.3417i	2.2923-1.6499i	-46.8250+15.0362i
15.1	0.5449-0.2940i	0.5297-0.3092i	0.4664-0.2459i	0.4428-0.2455i	-7.6587+1.6618i	-72.4363+26.6633i	2.5569-1.6934i	-49.9074+16.4867i
15.2	0.6050-0.3533i	0.5934-0.3700i	0.5163-0.2958i	0.4940-0.2945i	-7.9035+2.2879i	-78.6002+32.7328i	3.0258-1.9487i	-53.6721+20.2788i
15.3	0.6963-0.4228i	0.6845-0.4423i	0.5893-0.3545i	0.5693-0.3530i	-8.1581+2.8467i	-87.6291+39.7550i	3.8068-2.3417i	-59.1972+24.6347i
15.4	0.8077-0.5433i	0.7934-0.5650i	0.6766-0.4534i	0.6590-0.4523i	-8.2804+3.6188i	-98.2445+51.3375i	4.8104-3.0355i	-65.6706+31.7733i
15.5	0.8900-0.7579i	0.8708-0.7804i	0.7388-0.6270i	0.7234-0.6273i	-8.2195+4.3122i	-105.7739+71.5598i	5.5887-4.6306i	-70.2035+44.1471i
15.6	0.9519-1.1556i	0.9226-1.1796i	0.7808-0.9479i	0.7684-0.9520i	-7.6802+5.2871i	-111.1209+109.1075i	6.3588-7.8388i	-73.3119+67.1155i
15.7	0.8871-1.5216i	0.8494-1.5435i	0.7220-1.2396i	0.7115-1.2479i	-7.2645+5.8164i	-104.9264+143.0429i	5.9459-10.8776i	-69.4436+87.7942i
15.8	0.2961-1.9666i	0.2523-1.9744i	0.2425-1.5855i	0.2283-1.6021i	-6.7531+5.2485i	-50.1257+184.2808i	0.7299-15.3467i	-35.9885+112.7506i
15.9	-0.4079-1.9802i	-0.4493-1.9725i	-0.3196-1.5842i	-0.3418-1.6052i	-6.7109+4.4629i	14.7102+185.2973i	-5.7447-15.8843i	3.4369+113.1618i
16.0	-0.8398-1.6000i	-0.8709-1.5844i	-0.6576-1.2730i	-0.6871-1.2927i	-7.1822+4.4758i	54.2676+150.0150i	-10.0293-12.3194i	27.3875+91.6309i
16.1	-1.0098-1.2141i	-1.0318-1.1964i	-0.7868-0.9619i	-0.8197-0.9784i	-7.7053+4.3887i	69.5934+114.3682i	-11.8781-8.7471i	36.6029+69.9168i
16.2	-1.0032-0.9700i	-1.0196-0.9540i	-0.7766-0.7674i	-0.8109-0.7818i	-8.5246+4.2599i	68.6080+92.1951i	-12.2586-6.6027i	35.8802+56.4267i
16.3	-0.9090-0.7336i	-0.9211-0.7204i	-0.6968-0.5806i	-0.7318-0.5924i	-10.1107+4.6039i	59.4819+70.9895i	-12.2785-4.2750i	30.1189+43.5864i
16.4	-0.8293-0.5948i	-0.8392-0.5837i	-0.6311-0.4718i	-0.6661-0.4816i	-11.9933+5.2738i	52.2533+58.8110i	-12.7284-2.6282i	25.5404+36.2780i
16.5	-0.7597-0.5019i	-0.7677-0.4929i	-0.5737-0.3997i	-0.6086-0.4087i	-15.0212+6.4548i	46.0814+51.0015i	-13.9521-1.0980i	21.5056+31.6632i
16.6	-0.7052-0.4714i	-0.7122-0.4638i	-0.5296-0.3769i	-0.5648-0.3857i	-17.7269+9.6192i	41.8072+48.4779i	-15.1425+1.1340i	18.6807+30.4314i
16.7	-0.6689-0.4579i	-0.6742-0.4523i	-0.5000-0.3679i	-0.5358-0.3760i	-18.5637+15.8287i	39.0964+47.1079i	-15.3625+5.0848i	16.9702+30.1606i
16.8	-0.6823-0.4421i	-0.6873-0.4387i	-0.5118-0.3568i	-0.5484-0.3633i	-15.6293+24.3528i	41.5723+44.9147i	-13.8164+10.5182i	18.7738+29.5710i
16.9	-0.7013-0.3819i	-0.7063-0.3799i	-0.5269-0.3073i	-0.5640-0.3138i	-9.4207+29.3661i	43.0256+37.6311i	-10.1575+14.3403i	20.2068+25.5496i
17.0	-0.6770-0.3405i	-0.6824-0.3406i	-0.5061-0.2745i	-0.5438-0.2812i	-2.0440+30.9675i	39.2836+33.4902i	-5.2232+15.7406i	18.5585+23.1798i
17.1	-0.6823-0.3183i	-0.6886-0.3192i	-0.5095-0.2568i	-0.5495-0.2638i	5.8684+32.0279i	39.1213+31.3448i	-0.3315+16.5798i	19.1468+21.9635i
17.2	-0.6798-0.2530i	-0.6873-0.2529i	-0.5054-0.2044i	-0.5477-0.2081i	14.2522+26.7269i	37.2173+24.8927i	5.0022+13.9548i	18.6815+17.5341i
17.3	-0.6362-0.2046i	-0.6449-0.2050i	-0.4698-0.1685i	-0.5112-0.1689i	17.0402+18.0131i	31.6600+22.0549i	7.2666+8.8662i	15.5043+15.0728i
17.4	-0.6030-0.1881i	-0.6122-0.1886i	-0.4439-0.1571i	-0.4834-0.1563i	15.1615+12.7627i	28.6362+22.2367i	6.4106+5.6206i	13.4979+14.7670i
17.5	-0.5959-0.1761i	-0.6054-0.1758i	-0.4385-0.1473i	-0.4776-0.1464i	14.6152+11.1061i	28.3785+21.4592i	6.1158+4.7016i	13.3005+14.1569i
17.6	-0.5794-0.1482i	-0.5879-0.1467i	-0.4243-0.1251i	-0.4636-0.1231i	14.2688+7.8170i	26.6462+19.2577i	6.0823+2.8887i	12.2064+12.5407i
17.7	-0.5568-0.1371i	-0.5646-0.1359i	-0.4060-0.1175i	-0.4442-0.1144i	12.5020+6.0363i	24.5240+19.0081i	5.2049+1.8071i	10.7630+12.2539i
17.8	-0.5390-0.1306i	-0.5468-0.1302i	-0.3927-0.1135i	-0.4291-0.1105i	10.5362+4.8061i	23.3301+19.3893i	4.0985+1.0121i	9.8717+12.3981i
17.9	-0.5325-0.1235i	-0.5399-0.1234i	-0.3876-0.1084i	-0.4235-0.1055i	9.7372+4.2864i	23.1505+19.1610i	3.6143+0.7177i	9.7070+12.2224i
18.0	-0.5279-0.1134i	-0.5347-0.1130i	-0.3837-0.1003i	-0.4194-0.0978i	8.9036+3.8984i	23.0722+18.2998i	3.1334+0.5694i	9.5901+11.6622i
18.1	-0.5208-0.1004i	-0.5276-0.1001i	-0.3783-0.0896i	-0.4137-0.0876i	8.2268+3.5417i	22.6548+17.0697i	2.7411+0.4819i	9.2790+10.8817i
18.2	-0.5109-0.0882i	-0.5178-0.0890i	-0.3705-0.0803i	-0.4054-0.0787i	7.3941+3.2508i	21.9710+16.1972i	2.2999+0.3930i	8.8031+10.3313i

18.3	-0.5038-0.0779i	-0.5103-0.0790i	-0.3640-0.0717i	-0.3997-0.0709i	6.8897+3.1853i	21.4887+15.1519i	2.0530+0.4538i	8.4702+9.6841i
18.4	-0.4962-0.0655i	-0.5023-0.0669i	-0.3569-0.0612i	-0.3933-0.0614i	6.3517+3.2228i	20.6134+13.6380i	1.8029+0.6420i	7.8810+8.7544i
18.5	-0.4879-0.0559i	-0.4940-0.0578i	-0.3482-0.0535i	-0.3868-0.0548i	6.4188+3.7007i	19.2074+12.7843i	1.9777+1.0359i	7.0131+8.2822i
18.6	-0.4788-0.0506i	-0.4851-0.0538i	-0.3378-0.0516i	-0.3812-0.0511i	7.5812+3.7695i	17.5625+13.2843i	2.8784+1.0270i	6.1096+8.6244i
18.7	-0.4769-0.0446i	-0.4834-0.0493i	-0.3375-0.0512i	-0.3805-0.0457i	8.1415+2.3402i	18.2334+14.0913i	3.1493+0.0339i	6.5970+9.0183i
18.8	-0.4739-0.0360i	-0.4816-0.0415i	-0.3376-0.0459i	-0.3782-0.0385i	7.5099+1.4407i	19.1038+13.4381i	2.6958-0.4570i	7.1011+8.5321i
18.9	-0.4704-0.0270i	-0.4787-0.0333i	-0.3358-0.0392i	-0.3752-0.0311i	7.0776+0.9739i	19.1892+12.4164i	2.4178-0.6358i	7.1262+7.8589i
19.0	-0.4633-0.0166i	-0.4730-0.0234i	-0.3314-0.0310i	-0.3694-0.0224i	6.5510+0.5044i	18.7947+11.0873i	2.1136-0.8052i	6.8420+6.9903i
19.1	-0.4578-0.0051i	-0.4687-0.0123i	-0.3273-0.0215i	-0.3641-0.0128i	5.9588+0.0924i	18.2154+9.4233i	1.8223-0.9013i	6.4431+5.9194i
19.2	-0.4531+0.0004i	-0.4649-0.0072i	-0.3235-0.0172i	-0.3600-0.0083i	5.5813-0.1065i	17.5416+8.6446i	1.6557-0.9238i	5.9876+5.4167i
19.3	-0.4472+0.0109i	-0.4606+0.0024i	-0.3188-0.0095i	-0.3545-0.0005i	5.0568-0.3135i	16.4699+7.6920i	1.4446-0.9697i	5.2680+4.8115i
19.4	-0.4427+0.0181i	-0.4581+0.0092i	-0.3158-0.0044i	-0.3507+0.0049i	4.7858-0.4469i	15.9213+7.1570i	1.3326-1.0111i	4.9017+4.4742i
19.5	-0.4357+0.0272i	-0.4534+0.0181i	-0.3111+0.0018i	-0.3452+0.0116i	4.3562-0.6035i	15.0321+6.5873i	1.1376-1.0495i	4.3067+4.1157i
19.6	-0.4294+0.0321i	-0.4495+0.0235i	-0.3069+0.0057i	-0.3403+0.0152i	3.9774-0.6359i	14.2079+6.2290i	0.9756-1.0154i	3.7657+3.8919i
19.7	-0.4244+0.0371i	-0.4468+0.0299i	-0.3033+0.0101i	-0.3363+0.0188i	3.6390-0.5631i	13.4842+5.8779i	0.8598-0.9288i	3.2872+3.6905i
19.8	-0.4185+0.0413i	-0.4426+0.0357i	-0.2988+0.0139i	-0.3320+0.0222i	3.4263-0.5317i	12.7855+5.6057i	0.7798-0.8847i	2.8357+3.5292i
19.9	-0.4134+0.0463i	-0.4397+0.0422i	-0.2953+0.0182i	-0.3281+0.0261i	3.2250-0.4900i	12.0354+5.3506i	0.7342-0.8270i	2.3539+3.3783i
20.0	-0.4117+0.0503i	-0.4399+0.0483i	-0.2940+0.0217i	-0.3268+0.0296i	3.1314-0.5053i	11.5049+5.1745i	0.7254-0.8262i	2.0081+3.2765i
20.1	-0.4074+0.0534i	-0.4377+0.0545i	-0.2905+0.0247i	-0.3238+0.0333i	2.9904-0.5753i	10.8282+4.8874i	0.7017-0.8501i	1.5762+3.0962i
20.2	-0.4060+0.0585i	-0.4378+0.0622i	-0.2891+0.0287i	-0.3222+0.0375i	2.7122-0.5980i	10.1702+4.8228i	0.5986-0.8522i	1.1332+3.0608i
20.3	-0.4067+0.0627i	-0.4395+0.0696i	-0.2892+0.0325i	-0.3219+0.0411i	2.4710-0.6090i	9.6089+4.7771i	0.5198-0.8439i	0.7608+3.0389i
20.4	-0.4063+0.0694i	-0.4399+0.0814i	-0.2886+0.0384i	-0.3208+0.0470i	2.2314-0.5786i	8.9542+4.7614i	0.4256-0.8210i	0.3317+3.0470i
20.5	-0.4057+0.0803i	-0.4398+0.0972i	-0.2880+0.0472i	-0.3197+0.0555i	2.0337-0.4729i	8.4369+4.8116i	0.3426-0.7836i	-0.0138+3.1085i
20.6	-0.4033+0.0942i	-0.4355+0.1174i	-0.2852+0.0578i	-0.3169+0.0658i	1.8895-0.3812i	8.0257+4.9889i	0.3106-0.7462i	-0.2879+3.2568i
20.7	-0.3992+0.1042i	-0.4286+0.1314i	-0.2813+0.0653i	-0.3129+0.0734i	1.8706-0.3538i	7.7316+5.0265i	0.3240-0.7078i	-0.4778+3.2989i
20.8	-0.3907+0.1115i	-0.4163+0.1423i	-0.2742+0.0711i	-0.3056+0.0789i	1.8094-0.3015i	7.4248+5.1275i	0.3105-0.6741i	-0.6559+3.3767i
20.9	-0.3822+0.1174i	-0.4022+0.1507i	-0.2668+0.0760i	-0.2980+0.0833i	1.7129-0.2019i	7.3059+5.1191i	0.2753-0.6297i	-0.7193+3.3973i
21.0	-0.3739+0.1219i	-0.3895+0.1577i	-0.2597+0.0796i	-0.2912+0.0872i	1.7077-0.2345i	7.1257+5.0136i	0.2788-0.6337i	-0.8224+3.3345i
21.1	-0.3653+0.1234i	-0.3748+0.1606i	-0.2521+0.0812i	-0.2836+0.0889i	1.6298-0.3092i	6.9770+4.9073i	0.2427-0.6515i	-0.9122+3.2626i
21.2	-0.3573+0.1217i	-0.3617+0.1577i	-0.2451+0.0799i	-0.2768+0.0879i	1.5640-0.3446i	6.7173+4.6786i	0.2347-0.6496i	-1.0645+3.1115i
21.3	-0.3579+0.1193i	-0.3584+0.1548i	-0.2441+0.0783i	-0.2751+0.0868i	1.4215-0.4055i	6.3658+4.5301i	0.1859-0.6872i	-1.3009+3.0016i
21.4	-0.3589+0.1199i	-0.3555+0.1527i	-0.2432+0.0780i	-0.2734+0.0868i	1.1633-0.4049i	5.9523+4.4107i	0.0722-0.6746i	-1.5834+2.9254i
21.5	-0.3628+0.1221i	-0.3554+0.1517i	-0.2439+0.0787i	-0.2738+0.0872i	0.9809-0.3761i	5.5226+4.2890i	-0.0086-0.6390i	-1.8738+2.8589i
21.6	-0.3684+0.1243i	-0.3568+0.1529i	-0.2457+0.0801i	-0.2754+0.0882i	0.8913-0.2965i	5.1733+4.2705i	-0.0200-0.6050i	-2.1133+2.8542i
21.7	-0.3717+0.1275i	-0.3583+0.1522i	-0.2470+0.0814i	-0.2762+0.0889i	0.7828-0.2535i	4.7706+4.2001i	-0.0533-0.5565i	-2.3812+2.8204i
21.8	-0.3798+0.1380i	-0.3663+0.1590i	-0.2516+0.0866i	-0.2804+0.0942i	0.6717-0.1558i	4.2358+4.3024i	-0.0832-0.5051i	-2.7383+2.9072i
21.9	-0.3889+0.1534i	-0.3743+0.1711i	-0.2562+0.0950i	-0.2852+0.1023i	0.5275-0.1224i	3.7039+4.5201i	-0.1009-0.5021i	-3.0951+3.0649i
22.0	-0.3996+0.1712i	-0.3844+0.1862i	-0.2624+0.1053i	-0.2913+0.1120i	0.4192-0.0041i	3.2939+4.7939i	-0.1195-0.4532i	-3.3888+3.2732i
22.1	-0.4072+0.1931i	-0.3919+0.2055i	-0.2670+0.1183i	-0.2956+0.1245i	0.3511+0.1306i	2.8784+5.1425i	-0.1374-0.4031i	-3.6711+3.5387i
22.2	-0.4118+0.2244i	-0.3962+0.2334i	-0.2695+0.1367i	-0.2979+0.1425i	0.2909+0.2899i	2.5174+5.6381i	-0.1556-0.3592i	-3.9163+3.9069i
22.3	-0.4161+0.2592i	-0.4007+0.2661i	-0.2719+0.1577i	-0.3002+0.1631i	0.2124+0.4191i	2.2400+6.2243i	-0.1690-0.3371i	-4.1047+4.3349i
22.4	-0.4066+0.3088i	-0.3923+0.3127i	-0.2661+0.1877i	-0.2945+0.1925i	0.2053+0.5963i	2.1812+7.0267i	-0.1745-0.2784i	-4.1287+4.9282i
22.5	-0.3764+0.3474i	-0.3633+0.3498i	-0.2478+0.2116i	-0.2768+0.2156i	0.2950+0.7915i	2.5286+7.6510i	-0.1521-0.2251i	-3.8635+5.3974i
22.6	-0.3219+0.4051i	-0.3105+0.4056i	-0.2142+0.2474i	-0.2445+0.2503i	0.4663+1.0216i	3.2476+8.5516i	-0.1158-0.1739i	-3.3202+6.0608i
22.7	-0.2627+0.4283i	-0.2534+0.4272i	-0.1781+0.2614i	-0.2089+0.2641i	0.6461+1.1013i	4.0637+8.8251i	-0.0684-0.1506i	-2.7084+6.2686i
22.8	-0.1948+0.4326i	-0.1866+0.4311i	-0.1362+0.2644i	-0.1674+0.2668i	0.8326+1.0959i	5.0457+8.7822i	-0.0420-0.1417i	-1.9832+6.2440i
22.9	-0.1212+0.4095i	-0.1144+0.4085i	-0.0907+0.2503i	-0.1226+0.2530i	1.0002+1.0264i	6.0338+8.2981i	-0.0221-0.1352i	-1.2474+5.8964i
23.0	-0.0679+0.3778i	-0.0638+0.3769i	-0.0584+0.2307i	-0.0908+0.2345i	1.0930+0.8898i	6.6473+7.6907i	-0.0140-0.1639i	-0.7865+5.4595i
23.1	-0.0275+0.3246i	-0.0242+0.3243i	-0.0334+0.1987i	-0.0658+0.2023i	1.1826+0.7364i	7.0596+6.6682i	-0.0305-0.1657i	-0.4734+4.7267i
23.2	-0.0076+0.2685i	-0.0040+0.2692i	-0.0203+0.1646i	-0.0529+0.1680i	1.2078+0.6034i	7.0655+5.6502i	-0.0272-0.1509i	-0.4429+3.9949i
23.3	-0.0082+0.2312i	-0.0045+0.2313i	-0.0203+0.1415i	-0.0533+0.1451i	1.1421+0.4925i	6.8320+5.0235i	-0.0121-0.1445i	-0.6066+3.5377i
23.4	-0.0112+0.1910i	-0.0071+0.1912i	-0.0214+0.1172i	-0.0549+0.1210i	1.1036+0.3971i	6.4986+4.2880i	0.0009-0.1303i	-0.8353+3.0244i
23.5	-0.0222+0.1587i	-0.0176+0.1587i	-0.0277+0.0972i	-0.0614+0.1009i	1.0422+0.3582i	6.0789+3.7687i	0.0064-0.1194i	-1.1312+2.6523i
23.6	-0.0360+0.1325i	-0.0309+0.1316i	-0.0355+0.0805i	-0.0699+0.0850i	0.9749+0.2703i	5.5714+3.4065i	0.0261-0.1383i	-1.4754+2.3816i
23.7	-0.0506+0.1129i	-0.0454+0.1109i	-0.0441+0.0683i	-0.0787+0.0729i	0.8905+0.1959i	5.1175+3.1603i	0.0266-0.1487i	-1.7913+2.2000i
23.8	-0.0662+0.0993i	-0.0608+0.0957i	-0.0535+0.0593i	-0.0880+0.0639i	0.8301+0.2072i	4.6794+2.9704i	0.0242-0.1531i	-2.1057+2.0633i
23.9	-0.0763+0.0922i	-0.0718+0.0873i	-0.0599+0.0547i	-0.0943+0.0593i	0.8058+0.1942i	4.3504+2.8443i	0.0309-0.1579i	-2.3253+1.9825i
24.0	-0.0908+0.0842i	-0.0878+0.0781i	-0.0690+0.0491i	-0.1034+0.0541i	0.7129+0.1533i	3.8929+2.8097i	0.0323-0.1645i	-2.6447+1.9476i
24.1	-0.1003+0.0766i	-0.0984+0.0693i	-0.0751+0.0441i	-0.1098+0.0496i	0.6134+0.1037i	3.5684+2.7559i	0.0343-0.1759i	-2.8793+1.9018i
24.2	-0.1118+0.0728i	-0.1117+0.0649i	-0.0825+0.0415i	-0.1173+0.0473i	0.5607+0.1126i	3.2439+2.7017i	0.0257-0.1785i	-3.1086+1.8759i
24.3	-0.1216+0.0716i	-0.1223+0.0638i	-0.0888+0.0410i	-0.1235+0.0466i	0.5425+0.1400i	2.9783+2.7052i	0.0196-0.1763i	-3.2972+1.8829i
24.4	-0.1310+0.0701i	-0.1333+0.0621i	-0.0946+0.0404i	-0.1298+0.0456i	0.4813+0.1571i	2.6915+2.7303i	0.0173-0.1807i	-3.4975+1.8942i
24.5	-0.1386+0.0684i	-0.1428+0.0599i	-0.0998+0.0393i	-0.1354+0.0446i	0.3815+0.1622i	2.3919+2.7112i	0.0257-0.1937i	-3.7057+1.8859i

24.6	-0.1473+0.0676i	-0.1533+0.0593i	-0.1058+0.0389i	-0.1419+0.0445i	0.3675+0.1958i	2.1060+2.7204i	0.0153-0.1817i	-3.9189+1.9011i
24.7	-0.1557+0.0674i	-0.1633+0.0600i	-0.1110+0.0389i	-0.1475+0.0449i	0.3380+0.1447i	1.7972+2.7406i	0.0098-0.2007i	-4.1293+1.9141i
24.8	-0.1607+0.0679i	-0.1694+0.0611i	-0.1140+0.0393i	-0.1515+0.0458i	0.3065+0.1222i	1.5766+2.7340i	0.0031-0.2124i	-4.2771+1.9182i
24.9	-0.1690+0.0699i	-0.1794+0.0643i	-0.1197+0.0410i	-0.1575+0.0479i	0.2694+0.1241i	1.2479+2.8528i	0.0016-0.2075i	-4.5022+2.0012i
25.0	-0.1765+0.0720i	-0.1888+0.0671i	-0.1249+0.0424i	-0.1629+0.0501i	0.2309+0.1509i	0.9906+2.9308i	-0.0045-0.2108i	-4.6895+2.0565i
25.1	-0.1820+0.0736i	-0.1954+0.0701i	-0.1285+0.0437i	-0.1665+0.0521i	0.1506+0.1100i	0.7871+3.0229i	-0.0163-0.2208i	-4.8425+2.1186i
25.2	-0.1882+0.0782i	-0.2016+0.0762i	-0.1324+0.0473i	-0.1702+0.0559i	0.1125+0.1088i	0.5649+3.1423i	-0.0286-0.2309i	-5.0003+2.2214i
25.3	-0.1963+0.0817i	-0.2117+0.0812i	-0.1380+0.0498i	-0.1764+0.0590i	0.0917+0.1635i	0.2408+3.2598i	-0.0424-0.2273i	-5.2342+2.3107i
25.4	-0.2018+0.0862i	-0.2186+0.0870i	-0.1417+0.0529i	-0.1801+0.0628i	-0.0192+0.1679i	-0.0445+3.4344i	-0.0590-0.2482i	-5.4308+2.4357i
25.5	-0.2075+0.0896i	-0.2249+0.0923i	-0.1455+0.0555i	-0.1840+0.0662i	-0.0859+0.1828i	-0.3001+3.6340i	-0.0648-0.2614i	-5.6113+2.5677i
25.6	-0.2127+0.0961i	-0.2307+0.1014i	-0.1488+0.0605i	-0.1875+0.0717i	-0.1516+0.1714i	-0.4783+3.8936i	-0.0880-0.2726i	-5.7443+2.7617i
25.7	-0.2176+0.1061i	-0.2354+0.1135i	-0.1519+0.0671i	-0.1903+0.0799i	-0.2272+0.2056i	-0.6473+4.2297i	-0.1156-0.2944i	-5.8582+3.0180i
25.8	-0.2216+0.1141i	-0.2392+0.1240i	-0.1547+0.0729i	-0.1926+0.0871i	-0.2869+0.2205i	-0.7382+4.5263i	-0.1400-0.3093i	-5.9301+3.2370i
25.9	-0.2242+0.1215i	-0.2418+0.1346i	-0.1570+0.0785i	-0.1935+0.0939i	-0.4096+0.2729i	-0.8158+4.8499i	-0.1951-0.3241i	-5.9919+3.4623i
26.0	-0.2251+0.1290i	-0.2422+0.1442i	-0.1579+0.0841i	-0.1931+0.0998i	-0.4708+0.3604i	-0.8180+5.1062i	-0.2569-0.3060i	-5.9956+3.6521i
26.1	-0.2297+0.1406i	-0.2457+0.1599i	-0.1607+0.0932i	-0.1949+0.1092i	-0.6052+0.4788i	-0.9270+5.4411i	-0.3194-0.2758i	-6.0875+3.9144i
26.2	-0.2290+0.1510i	-0.2418+0.1741i	-0.1590+0.1012i	-0.1925+0.1179i	-0.6262+0.6480i	-0.8836+5.7668i	-0.3524-0.2131i	-6.0539+4.1725i
26.3	-0.2263+0.1616i	-0.2361+0.1864i	-0.1572+0.1091i	-0.1888+0.1256i	-0.5799+0.7706i	-0.7629+6.1171i	-0.3501-0.1422i	-5.9694+4.4355i
26.4	-0.2232+0.1712i	-0.2296+0.1982i	-0.1544+0.1169i	-0.1852+0.1329i	-0.5648+0.9189i	-0.6205+6.3967i	-0.3415-0.0995i	-5.8643+4.6533i
26.5	-0.2192+0.1800i	-0.2217+0.2079i	-0.1509+0.1234i	-0.1803+0.1389i	-0.5329+1.0598i	-0.4526+6.6210i	-0.3121-0.0629i	-5.7335+4.8275i
26.6	-0.2146+0.1874i	-0.2130+0.2143i	-0.1469+0.1287i	-0.1749+0.1427i	-0.4678+1.1084i	-0.2433+6.7981i	-0.2766-0.0495i	-5.5769+4.9663i
26.7	-0.2110+0.1965i	-0.2049+0.2222i	-0.1432+0.1352i	-0.1706+0.1480i	-0.3920+1.1320i	-0.0835+6.9698i	-0.2620-0.0694i	-5.4528+5.1036i
26.8	-0.2086+0.2056i	-0.1999+0.2293i	-0.1409+0.1413i	-0.1678+0.1535i	-0.4092+1.1562i	0.0305+7.1356i	-0.2679-0.0871i	-5.3696+5.2363i
26.9	-0.2073+0.2166i	-0.1959+0.2387i	-0.1389+0.1489i	-0.1655+0.1597i	-0.3962+1.1971i	0.1404+7.4029i	-0.2824-0.0957i	-5.2962+5.4352i
27.0	-0.2037+0.2300i	-0.1898+0.2508i	-0.1353+0.1581i	-0.1615+0.1676i	-0.3732+1.3118i	0.3064+7.7361i	-0.3001-0.0976i	-5.1814+5.6985i
27.1	-0.1962+0.2444i	-0.1797+0.2635i	-0.1293+0.1682i	-0.1554+0.1760i	-0.3477+1.3867i	0.5707+8.0420i	-0.3111-0.0862i	-4.9810+5.9405i
27.2	-0.1812+0.2591i	-0.1629+0.2758i	-0.1176+0.1781i	-0.1450+0.1845i	-0.2521+1.5016i	1.0105+8.3237i	-0.3276-0.0738i	-4.6419+6.1618i
27.3	-0.1598+0.2742i	-0.1396+0.2883i	-0.1015+0.1882i	-0.1304+0.1931i	-0.1220+1.5778i	1.6765+8.5856i	-0.3447-0.0711i	-4.1463+6.3780i
27.4	-0.1366+0.2818i	-0.1152+0.2927i	-0.0845+0.1924i	-0.1145+0.1968i	-0.0130+1.6041i	2.3385+8.6232i	-0.3648-0.0721i	-3.6494+6.4202i
27.5	-0.1127+0.2815i	-0.0910+0.2895i	-0.0678+0.1911i	-0.0987+0.1956i	0.0993+1.6234i	2.9646+8.4549i	-0.3921-0.0546i	-3.1769+6.3086i
27.6	-0.0884+0.2825i	-0.0663+0.2871i	-0.0506+0.1905i	-0.0828+0.1947i	0.2134+1.6167i	3.6238+8.3238i	-0.4095-0.0419i	-2.6873+6.2192i
27.7	-0.0596+0.2725i	-0.0376+0.2743i	-0.0303+0.1829i	-0.0637+0.1870i	0.3569+1.5385i	4.3587+7.8873i	-0.4349-0.0183i	-2.1302+5.8973i
27.8	-0.0394+0.2630i	-0.0179+0.2619i	-0.0162+0.1751i	-0.0508+0.1796i	0.4494+1.4529i	4.8602+7.4583i	-0.4577+0.0029i	-1.7476+5.5833i
27.9	-0.0266+0.2442i	-0.0069+0.2408i	-0.0078+0.1612i	-0.0430+0.1668i	0.4671+1.3595i	5.0512+6.8131i	-0.4696+0.0338i	-1.5880+5.1135i
28.0	-0.0143+0.2223i	0.0039+0.2171i	0.0002+0.1455i	-0.0356+0.1520i	0.5321+1.2719i	5.2302+6.0923i	-0.4810+0.0554i	-1.4500+4.5835i
28.1	-0.0066+0.2038i	0.0100+0.1966i	0.0050+0.1320i	-0.0307+0.1393i	0.5250+1.2012i	5.3215+5.4839i	-0.5122+0.0671i	-1.3761+4.1357i
28.2	-0.0008+0.1840i	0.0133+0.1750i	0.0075+0.1179i	-0.0266+0.1253i	0.5075+1.1138i	5.3279+4.8767i	-0.5653+0.0924i	-1.3618+3.6892i
28.3	0.0006+0.1669i	0.0124+0.1578i	0.0078+0.1068i	-0.0263+0.1130i	0.5134+1.1130i	5.2235+4.3680i	-0.5943+0.1637i	-1.4367+3.3129i
28.4	-0.0045+0.1500i	0.0061+0.1416i	0.0050+0.0961i	-0.0308+0.1017i	0.5033+1.0642i	4.9598+3.8888i	-0.5572+0.2254i	-1.6113+2.9618i
28.5	-0.0082+0.1367i	0.0012+0.1284i	0.0030+0.0867i	-0.0344+0.0927i	0.4718+1.0235i	4.7644+3.5205i	-0.5518+0.2443i	-1.7498+2.6836i
28.6	-0.0167+0.1218i	-0.0079+0.1145i	-0.0025+0.0761i	-0.0408+0.0833i	0.4809+0.9363i	4.4752+3.1235i	-0.5610+0.2771i	-1.9651+2.3834i
28.7	-0.0211+0.1108i	-0.0125+0.1045i	-0.0055+0.0688i	-0.0439+0.0771i	0.3883+0.9222i	4.2987+2.7836i	-0.5635+0.3172i	-2.0972+2.1521i
28.8	-0.0284+0.1052i	-0.0202+0.0990i	-0.0106+0.0647i	-0.0487+0.0742i	0.3166+0.9368i	4.0352+2.6102i	-0.5523+0.3594i	-2.2869+2.0341i
28.9	-0.0349+0.0995i	-0.0269+0.0934i	-0.0152+0.0607i	-0.0533+0.0705i	0.3076+0.9219i	3.7727+2.4438i	-0.5389+0.3879i	-2.4753+1.9073i
29.0	-0.0442+0.0912i	-0.0359+0.0846i	-0.0212+0.0550i	-0.0595+0.0650i	0.2495+0.9512i	3.4531+2.2210i	-0.5348+0.4289i	-2.7067+1.7371i
29.1	-0.0541+0.0871i	-0.0444+0.0817i	-0.0272+0.0525i	-0.0653+0.0629i	0.2244+0.9372i	3.2015+2.1215i	-0.5338+0.4644i	-2.9069+1.6595i
29.2	-0.0615+0.0837i	-0.0521+0.0795i	-0.0325+0.0503i	-0.0701+0.0610i	0.1841+0.9810i	2.9428+2.0227i	-0.5199+0.5046i	-3.0953+1.5987i
29.3	-0.0679+0.0801i	-0.0587+0.0761i	-0.0368+0.0479i	-0.0748+0.0587i	0.1936+1.0075i	2.7194+1.8731i	-0.5013+0.5382i	-3.2603+1.5079i
29.4	-0.0768+0.0784i	-0.0666+0.0741i	-0.0425+0.0464i	-0.0802+0.0577i	0.2121+1.0484i	2.4571+1.8113i	-0.4707+0.5780i	-3.4566+1.4609i
29.5	-0.0866+0.0762i	-0.0754+0.0722i	-0.0489+0.0452i	-0.0864+0.0567i	0.2534+1.0443i	2.1985+1.7211i	-0.4328+0.6262i	-3.6483+1.4022i
29.6	-0.0960+0.0775i	-0.0827+0.0734i	-0.0543+0.0464i	-0.0923+0.0577i	0.2323+1.0560i	1.9661+1.7114i	-0.3921+0.6490i	-3.8139+1.4162i
29.7	-0.1040+0.0762i	-0.0884+0.0719i	-0.0584+0.0454i	-0.0965+0.0565i	0.2068+1.0922i	1.7220+1.6688i	-0.3635+0.6761i	-3.9862+1.3813i
29.8	-0.1099+0.0790i	-0.0938+0.0740i	-0.0620+0.0463i	-0.1000+0.0582i	0.2037+1.1117i	1.5476+1.6829i	-0.3442+0.7004i	-4.1150+1.3972i
29.9	-0.1191+0.0797i	-0.1012+0.0743i	-0.0673+0.0467i	-0.1054+0.0588i	0.2092+1.1154i	1.3387+1.6937i	-0.3341+0.7082i	-4.2678+1.4036i
30.0	-0.1286+0.0835i	-0.1075+0.0754i	-0.0728+0.0478i	-0.1108+0.0606i	0.2556+1.1172i	1.0686+1.6887i	-0.2847+0.7247i	-4.4653+1.4065i
30.1	-0.1347+0.0878i	-0.1118+0.0781i	-0.0763+0.0504i	-0.1144+0.0637i	0.2263+1.1499i	0.9269+1.7068i	-0.2552+0.7529i	-4.5722+1.4419i
30.2	-0.1448+0.0941i	-0.1200+0.0819i	-0.0824+0.0535i	-0.1204+0.0666i	0.2674+1.1414i	0.7245+1.7633i	-0.2002+0.7563i	-4.7302+1.4885i
30.3	-0.1496+0.1018i	-0.1221+0.0877i	-0.0847+0.0575i	-0.1224+0.0715i	0.2930+1.1167i	0.5403+1.8549i	-0.1519+0.7480i	-4.8471+1.5660i
30.4	-0.1531+0.1087i	-0.1242+0.0897i	-0.0866+0.0603i	-0.1246+0.0754i	0.2654+1.1324i	0.4247+1.9202i	-0.1464+0.7429i	-4.9378+1.6284i
30.5	-0.1561+0.1145i	-0.1268+0.0894i	-0.0887+0.0619i	-0.1263+0.0774i	0.3164+1.1316i	0.3001+1.9416i	-0.1168+0.7465i	-5.0284+1.6423i
30.6	-0.1593+0.1197i	-0.1311+0.0901i	-0.0917+0.0639i	-0.1287+0.0794i	0.3495+1.1354i	0.1275+1.9460i	-0.0771+0.7625i	-5.1449+1.6615i
30.7	-0.1649+0.1269i	-0.1375+0.0951i	-0.0953+0.0676i	-0.1321+0.0831i	0.3542+1.1753i	-0.0425+2.0545i	-0.0396+0.7652i	-5.2707+1.7432i
30.8	-0.1714+0.1334i	-0.1444+0.0992i	-0.0994+0.0710i	-0.1367+0.0867i	0.3648+1.1780i	-0.2240+2.1388i	-0.0076+0.7657i	-5.4123+1.8183i

30.9	-0.1780+0.1420i	-0.1506+0.1049i	-0.1041+0.0760i	-0.1409+0.0922i	0.3734+1.1888i	-0.3749+2.2580i	0.0295+0.7647i	-5.5263+1.9216i
31.0	-0.1824+0.1531i	-0.1542+0.1117i	-0.1070+0.0823i	-0.1431+0.0984i	0.4125+1.2210i	-0.5287+2.4043i	0.0681+0.7484i	-5.6412+2.0418i
31.1	-0.1878+0.1636i	-0.1594+0.1170i	-0.1108+0.0870i	-0.1465+0.1036i	0.4472+1.2057i	-0.7070+2.5055i	0.1010+0.7406i	-5.7604+2.1328i
31.2	-0.1884+0.1813i	-0.1634+0.1290i	-0.1123+0.0969i	-0.1476+0.1130i	0.4839+1.1628i	-0.8148+2.7139i	0.1566+0.7082i	-5.8332+2.3088i
31.3	-0.1855+0.1920i	-0.1631+0.1357i	-0.1111+0.1031i	-0.1467+0.1186i	0.4811+1.1175i	-0.8845+2.8815i	0.1639+0.6604i	-5.8846+2.4317i
31.4	-0.1848+0.2132i	-0.1650+0.1479i	-0.1117+0.1140i	-0.1473+0.1299i	0.4817+1.0791i	-0.9968+3.1224i	0.1760+0.6306i	-5.9572+2.6278i
31.5	-0.1838+0.2312i	-0.1662+0.1583i	-0.1123+0.1234i	-0.1472+0.1398i	0.4834+1.0866i	-1.0471+3.3444i	0.1874+0.6109i	-5.9895+2.8211i
31.6	-0.1797+0.2464i	-0.1658+0.1669i	-0.1110+0.1316i	-0.1456+0.1477i	0.4768+1.1015i	-1.0819+3.5524i	0.1945+0.5785i	-6.0201+2.9913i
31.7	-0.1698+0.2619i	-0.1639+0.1769i	-0.1078+0.1406i	-0.1417+0.1564i	0.4448+1.0915i	-1.1143+3.7849i	0.2074+0.5565i	-6.0328+3.1810i
31.8	-0.1564+0.2767i	-0.1595+0.1870i	-0.1022+0.1485i	-0.1356+0.1650i	0.4590+1.1046i	-1.0933+4.0082i	0.2144+0.5398i	-5.9997+3.3633i
31.9	-0.1346+0.3029i	-0.1516+0.2030i	-0.0928+0.1626i	-0.1254+0.1788i	0.4965+1.0898i	-0.9913+4.3188i	0.2160+0.5152i	-5.8944+3.6259i
32.0	-0.1051+0.3218i	-0.1396+0.2174i	-0.0793+0.1741i	-0.1117+0.1899i	0.4957+1.0305i	-0.8167+4.6247i	0.1850+0.4724i	-5.7365+3.8802i
32.1	-0.0828+0.3213i	-0.1290+0.2211i	-0.0685+0.1760i	-0.1009+0.1907i	0.5159+1.0165i	-0.6593+4.7648i	0.1964+0.4466i	-5.5976+3.9909i
32.2	-0.0622+0.3223i	-0.1183+0.2253i	-0.0583+0.1786i	-0.0904+0.1928i	0.4951+1.0196i	-0.4482+4.8762i	0.1910+0.4397i	-5.4250+4.0923i
32.3	-0.0390+0.3246i	-0.1068+0.2337i	-0.0463+0.1835i	-0.0784+0.1959i	0.5305+0.9810i	-0.1647+5.1215i	0.1604+0.4060i	-5.1920+4.2764i
32.4	-0.0229+0.3177i	-0.0968+0.2352i	-0.0373+0.1828i	-0.0702+0.1938i	0.5183+0.9543i	0.0302+5.2256i	0.1482+0.3854i	-5.0269+4.3475i
32.5	-0.0059+0.3044i	-0.0838+0.2332i	-0.0264+0.1789i	-0.0607+0.1889i	0.5087+0.9409i	0.3106+5.2028i	0.1280+0.3616i	-4.7915+4.3350i
32.6	0.0101+0.2938i	-0.0722+0.2330i	-0.0159+0.1758i	-0.0518+0.1851i	0.5090+0.9029i	0.5688+5.2019i	0.1070+0.3148i	-4.5671+4.3349i
32.7	0.0250+0.2847i	-0.0609+0.2312i	-0.0058+0.1725i	-0.0436+0.1814i	0.4566+0.9161i	0.8217+5.1917i	0.0698+0.3102i	-4.3506+4.3132i
32.8	0.0468+0.2701i	-0.0456+0.2267i	0.0081+0.1658i	-0.0319+0.1753i	0.4677+0.9428i	1.2192+5.0871i	0.0141+0.3071i	-4.0279+4.2130i
32.9	0.0531+0.2557i	-0.0372+0.2183i	0.0139+0.1578i	-0.0272+0.1680i	0.4319+0.8515i	1.4235+4.8400i	-0.0271+0.2811i	-3.8621+4.0272i
33.0	0.0558+0.2459i	-0.0330+0.2113i	0.0169+0.1520i	-0.0251+0.1625i	0.3615+0.8290i	1.5001+4.6512i	-0.0749+0.2760i	-3.7939+3.8811i
33.1	0.0592+0.2355i	-0.0277+0.2025i	0.0205+0.1446i	-0.0229+0.1567i	0.2532+0.8570i	1.6088+4.4594i	-0.1445+0.3107i	-3.6997+3.7280i
33.2	0.0676+0.2245i	-0.0234+0.1965i	0.0254+0.1379i	-0.0191+0.1520i	0.2412+0.8599i	1.7144+4.3040i	-0.2180+0.3696i	-3.6245+3.6049i
33.3	0.0762+0.2111i	-0.0173+0.1897i	0.0309+0.1305i	-0.0145+0.1462i	0.2278+0.9498i	1.8791+4.1408i	-0.2894+0.4125i	-3.4944+3.4745i
33.4	0.0794+0.1961i	-0.0148+0.1789i	0.0330+0.1213i	-0.0124+0.1387i	0.1410+1.0313i	1.9294+3.8691i	-0.3166+0.4821i	-3.4468+3.2684i
33.5	0.0727+0.1843i	-0.0178+0.1712i	0.0295+0.1141i	-0.0150+0.1331i	0.0896+1.0148i	1.8584+3.6843i	-0.3025+0.5483i	-3.5036+3.1158i
33.6	0.0624+0.1699i	-0.0233+0.1622i	0.0242+0.1051i	-0.0198+0.1262i	0.1701+1.0634i	1.7498+3.4868i	-0.2764+0.6261i	-3.5858+2.9648i
33.7	0.0573+0.1624i	-0.0307+0.1575i	0.0191+0.0998i	-0.0234+0.1230i	0.2685+1.1158i	1.6500+3.3013i	-0.2099+0.7183i	-3.6579+2.8318i
33.8	0.0468+0.1602i	-0.0395+0.1585i	0.0121+0.0997i	-0.0293+0.1228i	0.2787+1.1726i	1.4816+3.2801i	-0.1911+0.7485i	-3.7960+2.8210i
33.9	0.0359+0.1648i	-0.0471+0.1647i	0.0060+0.1036i	-0.0348+0.1269i	0.2413+1.1814i	1.3513+3.2978i	-0.1593+0.7431i	-3.9047+2.8537i
34.0	0.0312+0.1726i	-0.0464+0.1745i	0.0046+0.1093i	-0.0359+0.1328i	0.3654+1.2450i	1.3098+3.3936i	-0.1189+0.7598i	-3.9196+2.9505i
34.1	0.0350+0.1834i	-0.0421+0.1861i	0.0076+0.1171i	-0.0325+0.1406i	0.3385+1.1778i	1.2833+3.5205i	-0.1110+0.7223i	-3.9148+3.0657i
34.2	0.0393+0.1897i	-0.0340+0.1897i	0.0116+0.1203i	-0.0276+0.1441i	0.3827+1.1321i	1.3806+3.5903i	-0.0926+0.7036i	-3.8295+3.1093i
34.3	0.0559+0.1922i	-0.0158+0.1915i	0.0238+0.1218i	-0.0156+0.1455i	0.3918+1.2051i	1.6449+3.5663i	-0.0895+0.7300i	-3.5929+3.1083i
34.4	0.0704+0.1920i	-0.0023+0.1890i	0.0338+0.1205i	-0.0060+0.1446i	0.3736+1.2839i	1.8729+3.5168i	-0.1233+0.7407i	-3.4042+3.0688i
34.5	0.0837+0.1830i	0.0107+0.1761i	0.0433+0.1125i	0.0032+0.1377i	0.3872+1.2170i	2.0649+3.3064i	-0.1407+0.7449i	-3.2249+2.8962i
34.6	0.0901+0.1739i	0.0155+0.1639i	0.0475+0.1048i	0.0072+0.1304i	0.3823+1.2310i	2.1459+3.1146i	-0.1666+0.7700i	-3.1486+2.7366i
34.7	0.0931+0.1606i	0.0153+0.1487i	0.0480+0.0949i	0.0081+0.1205i	0.2615+1.2288i	2.1193+2.8658i	-0.1840+0.7908i	-3.1455+2.5147i
34.8	0.0978+0.1475i	0.0137+0.1356i	0.0485+0.0853i	0.0094+0.1125i	0.3110+1.2629i	2.1048+2.6014i	-0.1524+0.8302i	-3.1571+2.2964i
34.9	0.0974+0.1400i	0.0076+0.1256i	0.0460+0.0781i	0.0069+0.1068i	0.4016+1.2850i	2.0616+2.4284i	-0.1542+0.8859i	-3.2088+2.1470i
35.0	0.0958+0.1305i	0.0025+0.1158i	0.0440+0.0712i	0.0050+0.1003i	0.4083+1.2641i	2.0113+2.2199i	-0.1447+0.9299i	-3.2499+1.9825i
35.1	0.0942+0.1214i	-0.0050+0.1069i	0.0405+0.0651i	0.0029+0.0945i	0.4199+1.2791i	1.8889+2.0230i	-0.1369+0.9393i	-3.3370+1.8293i
35.2	0.0894+0.1135i	-0.0184+0.0997i	0.0342+0.0592i	-0.0033+0.0901i	0.4189+1.3360i	1.7030+1.8775i	-0.1468+0.9677i	-3.4882+1.7062i
35.3	0.0831+0.1097i	-0.0307+0.0980i	0.0273+0.0572i	-0.0098+0.0889i	0.3842+1.3521i	1.5573+1.8269i	-0.1415+1.0192i	-3.6290+1.6593i
35.4	0.0747+0.1067i	-0.0438+0.1014i	0.0191+0.0575i	-0.0165+0.0900i	0.3662+1.3985i	1.3478+1.7768i	-0.1004+1.0564i	-3.7874+1.6227i
35.5	0.0696+0.1083i	-0.0520+0.1065i	0.0140+0.0598i	-0.0205+0.0920i	0.3679+1.4196i	1.1956+1.7981i	-0.0802+1.0770i	-3.9006+1.6444i
35.6	0.0659+0.1124i	-0.0633+0.1157i	0.0086+0.0636i	-0.0255+0.0966i	0.3497+1.4471i	1.0185+1.8365i	-0.0749+1.1486i	-4.0394+1.6942i
35.7	0.0677+0.1201i	-0.0682+0.1285i	0.0073+0.0702i	-0.0260+0.1038i	0.3885+1.4480i	0.9212+1.9037i	-0.0403+1.2101i	-4.1091+1.7806i
35.8	0.0726+0.1291i	-0.0676+0.1398i	0.0088+0.0772i	-0.0234+0.1107i	0.4042+1.5343i	0.9670+2.0135i	0.0044+1.2210i	-4.0830+1.8896i
35.9	0.0863+0.1354i	-0.0622+0.1515i	0.0146+0.0828i	-0.0161+0.1174i	0.4850+1.6224i	1.0095+2.0905i	0.0248+1.2775i	-4.0226+1.9709i
36.0	0.1045+0.1340i	-0.0523+0.1561i	0.0230+0.0837i	-0.0062+0.1189i	0.4901+1.6116i	1.0901+2.0622i	0.0559+1.3026i	-3.9202+1.9653i
36.1	0.1198+0.1317i	-0.0454+0.1549i	0.0299+0.0822i	0.0020+0.1176i	0.5266+1.6931i	1.1893+2.0404i	0.0836+1.3482i	-3.8145+1.9512i
36.2	0.1343+0.1175i	-0.0419+0.1500i	0.0353+0.0759i	0.0088+0.1114i	0.5989+1.7410i	1.2481+1.8944i	0.1330+1.4171i	-3.7379+1.8276i
36.3	0.1451+0.0977i	-0.0441+0.1429i	0.0376+0.0667i	0.0124+0.1022i	0.7560+1.7664i	1.2451+1.7176i	0.2168+1.4594i	-3.7226+1.6545i
36.4	0.1520+0.0782i	-0.0463+0.1389i	0.0383+0.0588i	0.0143+0.0938i	0.8322+1.7891i	1.2548+1.5869i	0.2964+1.4889i	-3.7240+1.5378i
36.5	0.1565+0.0570i	-0.0551+0.1380i	0.0360+0.0522i	0.0137+0.0862i	0.8783+1.7367i	1.1502+1.4098i	0.3564+1.4868i	-3.7861+1.3950i
36.6	0.1505+0.0408i	-0.0670+0.1422i	0.0293+0.0488i	0.0083+0.0824i	0.9300+1.7541i	0.9945+1.3471i	0.4472+1.5106i	-3.8997+1.3288i
36.7	0.1475+0.0306i	-0.0737+0.1464i	0.0258+0.0469i	0.0053+0.0801i	0.9429+1.7419i	0.8973+1.2884i	0.4818+1.5012i	-3.9842+1.2785i
36.8	0.1463+0.0163i	-0.0778+0.1545i	0.0235+0.0452i	0.0041+0.0778i	0.9792+1.6836i	0.7903+1.2130i	0.5360+1.4869i	-4.0536+1.2309i
36.9	0.1374+0.0003i	-0.0862+0.1649i	0.0171+0.0442i	-0.0015+0.0757i	1.0573+1.6023i	0.6184+1.2055i	0.6114+1.4567i	-4.1836+1.2122i
37.0	0.1344-0.0082i	-0.0897+0.1776i	0.0153+0.0463i	-0.0037+0.0768i	1.1067+1.6212i	0.5707+1.2147i	0.6490+1.4422i	-4.2397+1.2299i
37.1	0.1331-0.0255i	-0.0921+0.1964i	0.0137+0.0472i	-0.0041+0.0774i	1.1417+1.6493i	0.4977+1.2337i	0.6761+1.4849i	-4.2882+1.2468i

37.2	0.1268-0.0446i	-0.0907+0.2156i	0.0113+0.0481i	-0.0051+0.0781i	1.1652+1.6586i	0.4111+1.2365i	0.7469+1.4924i	-4.3490+1.2418i
37.3	0.1175-0.0625i	-0.0829+0.2351i	0.0109+0.0496i	-0.0054+0.0783i	1.1586+1.6189i	0.3492+1.2154i	0.7755+1.5168i	-4.3959+1.2408i
37.4	0.1011-0.0769i	-0.0674+0.2559i	0.0102+0.0524i	-0.0047+0.0797i	1.2293+1.6057i	0.2995+1.2557i	0.8330+1.5089i	-4.4177+1.2749i
37.5	0.0846-0.0926i	-0.0538+0.2689i	0.0093+0.0519i	-0.0050+0.0787i	1.3109+1.5921i	0.2806+1.2528i	0.8868+1.5269i	-4.4322+1.2781i
37.6	0.0622-0.1160i	-0.0323+0.2874i	0.0094+0.0514i	-0.0046+0.0774i	1.3822+1.6014i	0.2124+1.2222i	0.9675+1.5355i	-4.4651+1.2514i
37.7	0.0410-0.1251i	-0.0136+0.2961i	0.0084+0.0520i	-0.0049+0.0775i	1.4137+1.5726i	0.1157+1.1908i	1.0150+1.5339i	-4.5210+1.2335i
37.8	0.0023-0.1381i	0.0152+0.3099i	0.0051+0.0524i	-0.0075+0.0775i	1.4800+1.6197i	0.0081+1.1851i	1.1174+1.5566i	-4.6099+1.2399i
37.9	-0.0307-0.1373i	0.0465+0.3138i	0.0049+0.0549i	-0.0070+0.0784i	1.5861+1.5720i	-0.0290+1.2023i	1.2429+1.5161i	-4.6333+1.2758i
38.0	-0.0642-0.1200i	0.0817+0.3074i	0.0057+0.0597i	-0.0059+0.0812i	1.6247+1.5272i	-0.0701+1.2951i	1.3292+1.4369i	-4.6457+1.3546i
38.1	-0.0871-0.1010i	0.1162+0.2925i	0.0101+0.0614i	-0.0012+0.0815i	1.7371+1.4777i	-0.0600+1.3319i	1.4471+1.3671i	-4.6174+1.3791i
38.2	-0.1031-0.0744i	0.1426+0.2629i	0.0146+0.0607i	0.0026+0.0788i	1.8041+1.3753i	-0.0357+1.3538i	1.5057+1.2696i	-4.5804+1.3782i
38.3	-0.1174-0.0533i	0.1614+0.2345i	0.0167+0.0588i	0.0044+0.0753i	1.7916+1.2787i	-0.0571+1.3358i	1.5113+1.2081i	-4.5720+1.3534i
38.4	-0.1219-0.0324i	0.1711+0.2065i	0.0191+0.0565i	0.0056+0.0720i	1.8449+1.2395i	-0.0533+1.3160i	1.5507+1.1628i	-4.5569+1.3176i
38.5	-0.1246-0.0081i	0.1770+0.1769i	0.0207+0.0550i	0.0064+0.0700i	1.9270+1.2046i	-0.0696+1.2868i	1.6321+1.1219i	-4.5549+1.2930i
38.6	-0.1304+0.0092i	0.1786+0.1565i	0.0197+0.0539i	0.0048+0.0687i	1.8974+1.1156i	-0.1006+1.2815i	1.6487+1.0638i	-4.5869+1.2906i
38.7	-0.1254+0.0292i	0.1685+0.1342i	0.0180+0.0530i	0.0034+0.0674i	1.9134+1.0697i	-0.1331+1.3067i	1.6654+0.9976i	-4.6084+1.3027i
38.8	-0.1229+0.0512i	0.1601+0.1160i	0.0159+0.0545i	0.0011+0.0681i	1.9755+1.0039i	-0.1616+1.3759i	1.7326+0.9360i	-4.6509+1.3481i
38.9	-0.1110+0.0691i	0.1520+0.0970i	0.0174+0.0542i	0.0017+0.0670i	2.0203+0.9284i	-0.1829+1.3442i	1.8054+0.8545i	-4.6377+1.3344i
39.0	-0.0996+0.0822i	0.1400+0.0831i	0.0180+0.0547i	0.0013+0.0663i	2.0687+0.8681i	-0.2142+1.3908i	1.8340+0.7811i	-4.6359+1.3558i
39.1	-0.0859+0.0907i	0.1275+0.0759i	0.0189+0.0555i	0.0018+0.0662i	2.0582+0.7875i	-0.1802+1.4467i	1.8415+0.7154i	-4.6134+1.3785i
39.2	-0.0681+0.0981i	0.1184+0.0664i	0.0216+0.0546i	0.0041+0.0648i	2.0736+0.7086i	-0.1670+1.4174i	1.8781+0.6394i	-4.5604+1.3557i
39.3	-0.0527+0.1023i	0.1111+0.0608i	0.0252+0.0542i	0.0066+0.0640i	2.0945+0.6382i	-0.1176+1.3941i	1.8961+0.5447i	-4.5032+1.3416i
39.4	-0.0367+0.1011i	0.1027+0.0565i	0.0282+0.0525i	0.0093+0.0617i	2.0642+0.5256i	-0.0809+1.3400i	1.9216+0.4426i	-4.4707+1.2983i
39.5	-0.0237+0.0969i	0.0935+0.0526i	0.0299+0.0500i	0.0106+0.0587i	2.1146+0.4296i	-0.0512+1.3148i	1.9360+0.3590i	-4.4313+1.2479i
39.6	-0.0185+0.0902i	0.0881+0.0502i	0.0305+0.0470i	0.0098+0.0556i	2.1402+0.3363i	-0.0386+1.2822i	1.9364+0.2548i	-4.4138+1.1946i
39.7	-0.0215+0.0904i	0.0810+0.0476i	0.0280+0.0461i	0.0060+0.0543i	2.0630+0.2683i	-0.1244+1.2334i	1.8749+0.1630i	-4.4804+1.1530i
39.8	-0.0102+0.0938i	0.0728+0.0422i	0.0294+0.0450i	0.0063+0.0535i	1.9384+0.1974i	-0.1422+1.2368i	1.7937+0.0730i	-4.4835+1.1258i
39.9	0.0076+0.0825i	0.0663+0.0428i	0.0335+0.0412i	0.0099+0.0497i	1.9147+0.1237i	-0.0810+1.1592i	1.7700-0.0120i	-4.4303+1.0438i
40.0	0.0134+0.0705i	0.0581+0.0431i	0.0332+0.0374i	0.0086+0.0455i	1.8785+0.0714i	-0.1062+1.1007i	1.7302-0.0501i	-4.4486+0.9787i
40.1	0.0128+0.0583i	0.0506+0.0435i	0.0314+0.0335i	0.0052+0.0415i	1.8340+0.0127i	-0.1648+1.0367i	1.6675-0.0888i	-4.5041+0.9188i
40.2	0.0150+0.0502i	0.0478+0.0422i	0.0311+0.0303i	0.0044+0.0383i	1.7953-0.0399i	-0.1854+0.9744i	1.6376-0.1506i	-4.5263+0.8502i
40.3	0.0165+0.0419i	0.0436+0.0419i	0.0303+0.0273i	0.0032+0.0354i	1.8003-0.1055i	-0.2264+0.9403i	1.6112-0.2127i	-4.5573+0.8009i
40.4	0.0137+0.0347i	0.0420+0.0433i	0.0289+0.0249i	0.0015+0.0342i	1.7455-0.1523i	-0.2552+0.8372i	1.5601-0.2433i	-4.5855+0.7271i
40.5	0.0092+0.0284i	0.0362+0.0472i	0.0258+0.0243i	-0.0024+0.0332i	1.6500-0.1473i	-0.3423+0.8644i	1.5113-0.2564i	-4.6544+0.7222i
40.6	0.0061+0.0218i	0.0357+0.0513i	0.0252+0.0231i	-0.0038+0.0319i	1.5925-0.1591i	-0.3797+0.8727i	1.4844-0.2681i	-4.7001+0.7106i
40.7	0.0014+0.0137i	0.0372+0.0492i	0.0242+0.0193i	-0.0058+0.0290i	1.5587-0.1981i	-0.4477+0.8053i	1.4584-0.3338i	-4.7422+0.6632i
40.8	-0.0042+0.0119i	0.0377+0.0493i	0.0227+0.0184i	-0.0080+0.0290i	1.5497-0.2614i	-0.5006+0.7895i	1.4198-0.3747i	-4.7920+0.6411i
40.9	-0.0061+0.0076i	0.0329+0.0480i	0.0212+0.0168i	-0.0104+0.0280i	1.5363-0.2254i	-0.5282+0.7792i	1.3974-0.3914i	-4.8380+0.6333i
41.0	-0.0108-0.0018i	0.0287+0.0467i	0.0185+0.0132i	-0.0130+0.0255i	1.4763-0.2779i	-0.5963+0.7328i	1.3498-0.4475i	-4.8889+0.5946i
41.1	-0.0217-0.0047i	0.0256+0.0489i	0.0139+0.0123i	-0.0176+0.0258i	1.4236-0.3342i	-0.6594+0.7819i	1.2880-0.5009i	-4.9538+0.6256i
41.2	-0.0307+0.0018i	0.0232+0.0466i	0.0103+0.0134i	-0.0217+0.0274i	1.3644-0.3061i	-0.7191+0.7879i	1.2277-0.4806i	-4.9999+0.6403i
41.3	-0.0323+0.0048i	0.0203+0.0478i	0.0093+0.0143i	-0.0226+0.0287i	1.3225-0.3638i	-0.6856+0.7644i	1.1692-0.5159i	-4.9882+0.6338i
41.4	-0.0357+0.0018i	0.0184+0.0486i	0.0075+0.0136i	-0.0239+0.0282i	1.2124-0.3395i	-0.6990+0.7555i	1.0861-0.4978i	-4.9974+0.6082i
41.5	-0.0409-0.0067i	0.0158+0.0555i	0.0050+0.0125i	-0.0268+0.0280i	1.1967-0.3469i	-0.7476+0.7587i	1.0860-0.5647i	-5.0217+0.5924i
41.6	-0.0502-0.0048i	0.0222+0.0628i	0.0043+0.0147i	-0.0268+0.0312i	1.1104-0.3038i	-0.7703+0.7427i	0.9953-0.5655i	-5.0418+0.5856i
41.7	-0.0580-0.0041i	0.0275+0.0570i	0.0044+0.0133i	-0.0276+0.0293i	1.1376-0.3172i	-0.8095+0.7244i	0.9959-0.5078i	-5.0838+0.5799i
41.8	-0.0700-0.0005i	0.0229+0.0522i	-0.0011+0.0126i	-0.0324+0.0289i	1.1167-0.3782i	-0.8689+0.7290i	0.9793-0.5447i	-5.1348+0.5733i
41.9	-0.0794+0.0081i	0.0189+0.0541i	-0.0061+0.0152i	-0.0362+0.0320i	1.0198-0.3746i	-0.9047+0.7199i	0.9021-0.5572i	-5.1709+0.5789i
42.0	-0.0818+0.0190i	0.0197+0.0551i	-0.0068+0.0185i	-0.0358+0.0356i	1.0127-0.3874i	-0.9060+0.7405i	0.8622-0.5616i	-5.1697+0.5918i
42.1	-0.0832+0.0325i	0.0191+0.0518i	-0.0074+0.0216i	-0.0365+0.0378i	0.9942-0.3216i	-0.9279+0.7176i	0.8100-0.4860i	-5.1925+0.5789i
42.2	-0.0841+0.0441i	0.0186+0.0564i	-0.0078+0.0273i	-0.0378+0.0430i	0.9795-0.2709i	-0.9611+0.7446i	0.7925-0.4701i	-5.2248+0.6199i
42.3	-0.0732+0.0561i	0.0176+0.0542i	-0.0042+0.0310i	-0.0347+0.0462i	0.9443-0.2771i	-1.0193+0.7746i	0.7954-0.4329i	-5.2367+0.6493i
42.4	-0.0587+0.0530i	0.0157+0.0571i	0.0007+0.0307i	-0.0310+0.0460i	0.9692-0.2964i	-0.9835+0.7815i	0.8236-0.4652i	-5.2043+0.6405i
42.5	-0.0561+0.0448i	0.0189+0.0608i	0.0020+0.0294i	-0.0292+0.0445i	0.9920-0.3103i	-0.9947+0.7000i	0.7825-0.4820i	-5.1959+0.5966i
42.6	-0.0628+0.0429i	0.0230+0.0599i	0.0008+0.0280i	-0.0306+0.0429i	0.9817-0.3220i	-1.0223+0.6466i	0.7652-0.4647i	-5.2194+0.5497i
42.7	-0.0731+0.0410i	0.0267+0.0564i	-0.0017+0.0249i	-0.0338+0.0409i	0.9172-0.3673i	-1.0838+0.6420i	0.7130-0.4850i	-5.2853+0.5012i
42.8	-0.0798+0.0496i	0.0257+0.0528i	-0.0040+0.0266i	-0.0362+0.0428i	0.9030-0.2536i	-1.1615+0.6607i	0.6766-0.4357i	-5.3480+0.5289i
42.9	-0.0775+0.0643i	0.0271+0.0474i	-0.0023+0.0302i	-0.0350+0.0460i	0.9379-0.2801i	-1.1787+0.6755i	0.6861-0.4698i	-5.3494+0.5658i
43.0	-0.0547+0.0743i	0.0254+0.0431i	0.0049+0.0322i	-0.0283+0.0480i	0.8444-0.3072i	-1.1762+0.6732i	0.6454-0.5256i	-5.3246+0.5803i
43.1	-0.0476+0.0667i	0.0238+0.0442i	0.0071+0.0296i	-0.0270+0.0458i	0.8268-0.2757i	-1.1419+0.6303i	0.6310-0.5158i	-5.3063+0.5217i
43.2	-0.0576+0.0602i	0.0238+0.0401i	0.0043+0.0253i	-0.0308+0.0430i	0.8371-0.3382i	-1.1936+0.6226i	0.5751-0.5209i	-5.3591+0.4779i
43.3	-0.0599+0.0686i	0.0233+0.0365i	0.0035+0.0274i	-0.0312+0.0450i	0.8321-0.3729i	-1.2355+0.6305i	0.5738-0.5415i	-5.3668+0.4946i
43.4	-0.0523+0.0710i	0.0113+0.0333i	0.0018+0.0273i	-0.0328+0.0446i	0.8005-0.3079i	-1.2959+0.6448i	0.5664-0.4804i	-5.3974+0.5079i

43.5	-0.0527+0.0750i	0.0074+0.0382i	0.0012+0.0294i	-0.0347+0.0481i	0.8374-0.3190i	-1.3041+0.6418i	0.6169-0.4847i	-5.4129+0.5389i
43.6	-0.0402+0.0759i	0.0050+0.0472i	0.0049+0.0322i	-0.0318+0.0512i	0.7608-0.3087i	-1.2873+0.6633i	0.5669-0.5169i	-5.3943+0.5605i
43.7	-0.0383+0.0667i	0.0106+0.0471i	0.0076+0.0288i	-0.0295+0.0488i	0.7179-0.3438i	-1.3126+0.6059i	0.5235-0.5389i	-5.3910+0.4772i
43.8	-0.0456+0.0610i	0.0096+0.0369i	0.0039+0.0211i	-0.0321+0.0445i	0.6467-0.3466i	-1.3591+0.5705i	0.4326-0.5752i	-5.4493+0.4134i
43.9	-0.0494+0.0687i	0.0003+0.0356i	-0.0006+0.0226i	-0.0360+0.0471i	0.5297-0.3362i	-1.4037+0.5521i	0.3273-0.5642i	-5.5158+0.4337i
44.0	-0.0465+0.0786i	-0.0048+0.0444i	-0.0015+0.0290i	-0.0367+0.0529i	0.5152-0.2956i	-1.4191+0.6188i	0.2906-0.4958i	-5.5294+0.4992i
44.1	-0.0306+0.0844i	0.0010+0.0553i	0.0052+0.0345i	-0.0291+0.0585i	0.5980-0.2305i	-1.3805+0.6592i	0.3105-0.4232i	-5.4760+0.5426i
44.2	-0.0272+0.0747i	-0.0002+0.0516i	0.0058+0.0305i	-0.0280+0.0540i	0.6193-0.2378i	-1.4247+0.6257i	0.3317-0.3696i	-5.4903+0.5030i
44.3	-0.0291+0.0716i	-0.0015+0.0555i	0.0045+0.0302i	-0.0286+0.0541i	0.5789-0.2624i	-1.4179+0.6420i	0.2778-0.3839i	-5.4976+0.5018i
44.4	-0.0235+0.0751i	0.0031+0.0619i	0.0074+0.0332i	-0.0245+0.0572i	0.5699-0.1883i	-1.3746+0.6302i	0.2602-0.3417i	-5.4533+0.5127i
44.5	-0.0179+0.0694i	0.0074+0.0611i	0.0106+0.0311i	-0.0215+0.0541i	0.5847-0.1418i	-1.4123+0.5544i	0.2664-0.2735i	-5.4535+0.4632i
44.6	-0.0143+0.0640i	0.0169+0.0577i	0.0148+0.0276i	-0.0175+0.0512i	0.5807-0.1579i	-1.4383+0.5376i	0.2375-0.2882i	-5.4560+0.4158i
44.7	-0.0067+0.0582i	0.0297+0.0554i	0.0212+0.0245i	-0.0109+0.0483i	0.5177-0.1249i	-1.4097+0.4994i	0.2211-0.2743i	-5.4157+0.3778i
44.8	-0.0120+0.0434i	0.0284+0.0420i	0.0183+0.0150i	-0.0132+0.0385i	0.4962-0.0896i	-1.4678+0.4256i	0.2153-0.1941i	-5.4728+0.2940i
44.9	-0.0311+0.0352i	0.0169+0.0321i	0.0087+0.0087i	-0.0239+0.0328i	0.5564-0.0967i	-1.5617+0.3882i	0.2523-0.1781i	-5.5853+0.2401i
45.0	-0.0382+0.0452i	0.0079+0.0329i	0.0031+0.0116i	-0.0293+0.0371i	0.5617-0.1117i	-1.6143+0.4172i	0.2642-0.1908i	-5.6571+0.2825i
45.1	-0.0330+0.0538i	0.0034+0.0407i	0.0025+0.0173i	-0.0289+0.0432i	0.5311-0.0885i	-1.6522+0.4210i	0.2208-0.1771i	-5.6788+0.3197i
45.2	-0.0258+0.0505i	0.0090+0.0444i	0.0058+0.0178i	-0.0247+0.0432i	0.4835-0.0379i	-1.6460+0.4023i	0.2020-0.1295i	-5.6491+0.3025i
45.3	-0.0244+0.0415i	0.0181+0.0390i	0.0095+0.0122i	-0.0210+0.0384i	0.4948-0.0701i	-1.6705+0.3479i	0.2013-0.1424i	-5.6348+0.2411i
45.4	-0.0329+0.0386i	0.0163+0.0346i	0.0057+0.0097i	-0.0241+0.0354i	0.5027-0.0474i	-1.7047+0.3613i	0.2181-0.1137i	-5.6780+0.2161i
45.5	-0.0375+0.0474i	0.0154+0.0323i	0.0040+0.0118i	-0.0263+0.0369i	0.5397-0.0416i	-1.7246+0.3482i	0.2410-0.0934i	-5.7262+0.2140i
45.6	-0.0369+0.0529i	0.0122+0.0293i	0.0044+0.0123i	-0.0278+0.0381i	0.5574-0.0249i	-1.7698+0.3442i	0.2709-0.1040i	-5.7465+0.2317i
45.7	-0.0359+0.0496i	0.0059+0.0250i	0.0012+0.0096i	-0.0296+0.0373i	0.5015-0.0040i	-1.8124+0.3160i	0.2301-0.0868i	-5.7836+0.1866i
45.8	-0.0389+0.0518i	-0.0012+0.0244i	-0.0027+0.0093i	-0.0327+0.0378i	0.5348+0.0020i	-1.8396+0.2919i	0.2111-0.0625i	-5.8395+0.1671i
45.9	-0.0375+0.0579i	-0.0055+0.0307i	-0.0038+0.0135i	-0.0331+0.0415i	0.5566-0.0252i	-1.8866+0.3448i	0.2382-0.0409i	-5.8745+0.1988i
46.0	-0.0317+0.0647i	-0.0042+0.0394i	-0.0018+0.0196i	-0.0309+0.0468i	0.5179-0.0267i	-1.9326+0.3549i	0.2300-0.0237i	-5.8868+0.2508i
46.1	-0.0214+0.0573i	0.0010+0.0361i	0.0031+0.0163i	-0.0254+0.0438i	0.5015+0.0006i	-1.9628+0.3076i	0.2194-0.0164i	-5.8751+0.2260i
46.2	-0.0235+0.0453i	-0.0033+0.0293i	0.0006+0.0108i	-0.0275+0.0376i	0.5462+0.0343i	-1.9971+0.2933i	0.2245+0.0059i	-5.9128+0.1741i
46.3	-0.0269+0.0478i	-0.0044+0.0345i	-0.0023+0.0120i	-0.0293+0.0390i	0.4828+0.0001i	-2.0370+0.2855i	0.2270+0.0115i	-5.9679+0.1641i
46.4	-0.0244+0.0501i	-0.0005+0.0383i	0.0010+0.0144i	-0.0264+0.0416i	0.4537-0.0295i	-2.0711+0.2896i	0.2232+0.0229i	-5.9799+0.1693i
46.5	-0.0148+0.0479i	0.0046+0.0352i	0.0067+0.0121i	-0.0211+0.0391i	0.4932+0.0269i	-2.0827+0.3018i	0.2376+0.0512i	-5.9623+0.1525i
46.6	-0.0100+0.0355i	0.0047+0.0266i	0.0071+0.0048i	-0.0199+0.0341i	0.5205+0.0383i	-2.1093+0.2407i	0.2296+0.0643i	-5.9734+0.1040i
46.7	-0.0195+0.0289i	-0.0023+0.0244i	0.0017+0.0021i	-0.0239+0.0318i	0.5259-0.0005i	-2.1553+0.2221i	0.2366+0.0686i	-6.0376+0.0875i
46.8	-0.0245+0.0326i	-0.0048+0.0273i	-0.0018+0.0037i	-0.0260+0.0322i	0.4995+0.0793i	-2.2029+0.2064i	0.2546+0.0874i	-6.1075+0.0950i
46.9	-0.0223+0.0305i	-0.0034+0.0238i	-0.0030+0.0021i	-0.0254+0.0296i	0.5099+0.0592i	-2.2430+0.2272i	0.2866+0.0790i	-6.1525+0.0876i
47.0	-0.0239+0.0269i	-0.0062+0.0236i	-0.0054+0.0016i	-0.0269+0.0297i	0.5361+0.0297i	-2.2901+0.2138i	0.2915+0.0793i	-6.1902+0.1090i
47.1	-0.0240+0.0226i	-0.0042+0.0231i	-0.0055+0.0016i	-0.0266+0.0290i	0.5293+0.0302i	-2.3331+0.2029i	0.2945+0.1119i	-6.2044+0.1158i
47.2	-0.0317+0.0235i	-0.0074+0.0223i	-0.0092+0.0011i	-0.0297+0.0272i	0.5517+0.0166i	-2.3849+0.2117i	0.2809+0.1372i	-6.2670+0.1117i
47.3	-0.0348+0.0282i	-0.0100+0.0251i	-0.0111+0.0035i	-0.0318+0.0286i	0.5551+0.0037i	-2.4250+0.2397i	0.3002+0.1593i	-6.3055+0.1465i
47.4	-0.0357+0.0230i	-0.0140+0.0228i	-0.0118+0.0036i	-0.0334+0.0273i	0.5146+0.0542i	-2.5054+0.2765i	0.3088+0.1382i	-6.3370+0.1648i
47.5	-0.0343+0.0210i	-0.0139+0.0228i	-0.0121+0.0042i	-0.0336+0.0267i	0.5482+0.0824i	-2.5268+0.2895i	0.3222+0.1518i	-6.3404+0.1616i
47.6	-0.0338+0.0153i	-0.0156+0.0168i	-0.0124-0.0004i	-0.0339+0.0223i	0.5983+0.0671i	-2.5299+0.2697i	0.3318+0.1313i	-6.3355+0.1370i
47.7	-0.0391+0.0164i	-0.0195+0.0199i	-0.0158+0.0009i	-0.0384+0.0233i	0.5866+0.0826i	-2.6153+0.2519i	0.3333+0.1606i	-6.4033+0.1573i
47.8	-0.0409+0.0205i	-0.0212+0.0232i	-0.0162+0.0045i	-0.0389+0.0259i	0.5803+0.0997i	-2.6119+0.2854i	0.3341+0.1496i	-6.4057+0.2084i
47.9	-0.0389+0.0209i	-0.0224+0.0241i	-0.0154+0.0052i	-0.0383+0.0262i	0.5609+0.0648i	-2.6180+0.3039i	0.3280+0.1406i	-6.4004+0.2353i
48.0	-0.0409+0.0166i	-0.0246+0.0231i	-0.0162+0.0035i	-0.0394+0.0244i	0.5914+0.0219i	-2.6659+0.3107i	0.3263+0.1661i	-6.4275+0.2397i
48.1	-0.0443+0.0176i	-0.0280+0.0291i	-0.0182+0.0062i	-0.0423+0.0261i	0.5827+0.0869i	-2.7159+0.3381i	0.3164+0.1714i	-6.4530+0.2806i
48.2	-0.0427+0.0147i	-0.0208+0.0305i	-0.0154+0.0057i	-0.0401+0.0253i	0.5740+0.0639i	-2.7104+0.3444i	0.3523+0.1713i	-6.4328+0.2828i
48.3	-0.0477+0.0084i	-0.0204+0.0263i	-0.0166+0.0024i	-0.0412+0.0225i	0.5909+0.0540i	-2.7178+0.3293i	0.3778+0.1779i	-6.4274+0.2570i
48.4	-0.0550+0.0080i	-0.0232+0.0241i	-0.0199+0.0021i	-0.0450+0.0229i	0.6004+0.0455i	-2.7368+0.3116i	0.4265+0.1705i	-6.4589+0.2709i
48.5	-0.0563+0.0092i	-0.0243+0.0253i	-0.0201+0.0027i	-0.0461+0.0238i	0.5767+0.0848i	-2.7618+0.3349i	0.4216+0.1697i	-6.4683+0.2808i
48.6	-0.0575+0.0050i	-0.0240+0.0234i	-0.0192+0.0000i	-0.0452+0.0217i	0.5752+0.1423i	-2.7964+0.3166i	0.4138+0.1914i	-6.4766+0.2702i
48.7	-0.0658+0.0060i	-0.0284+0.0231i	-0.0242+0.0005i	-0.0500+0.0215i	0.6146+0.0850i	-2.8234+0.3416i	0.4272+0.1684i	-6.5040+0.2580i
48.8	-0.0759+0.0123i	-0.0329+0.0267i	-0.0287+0.0051i	-0.0549+0.0253i	0.5968+0.0442i	-2.8679+0.3713i	0.4449+0.1566i	-6.5400+0.2741i
48.9	-0.0738+0.0146i	-0.0306+0.0245i	-0.0258+0.0061i	-0.0530+0.0271i	0.5822+0.0600i	-2.8951+0.3541i	0.4568+0.1472i	-6.5326+0.3015i
49.0	-0.0715+0.0143i	-0.0315+0.0233i	-0.0253+0.0038i	-0.0531+0.0257i	0.6173+0.0754i	-2.8956+0.3611i	0.4681+0.1653i	-6.5361+0.2815i
49.1	-0.0743+0.0196i	-0.0360+0.0292i	-0.0268+0.0068i	-0.0543+0.0284i	0.5988+0.0646i	-2.9172+0.3764i	0.4321+0.1444i	-6.5348+0.3045i
49.2	-0.0759+0.0143i	-0.0374+0.0254i	-0.0291+0.0039i	-0.0566+0.0266i	0.5957+0.0231i	-2.9622+0.3469i	0.4569+0.1282i	-6.5469+0.2732i
49.3	-0.0807+0.0152i	-0.0393+0.0264i	-0.0312+0.0049i	-0.0583+0.0278i	0.6229+0.0184i	-3.0161+0.3509i	0.4489+0.1502i	-6.5795+0.2877i
49.4	-0.0756+0.0193i	-0.0325+0.0314i	-0.0276+0.0093i	-0.0557+0.0315i	0.6912+0.0106i	-3.0519+0.3703i	0.4367+0.1586i	-6.5757+0.2935i
49.5	-0.0802+0.0214i	-0.0331+0.0313i	-0.0274+0.0103i	-0.0560+0.0329i	0.6342+0.0453i	-3.0444+0.3674i	0.4506+0.1429i	-6.5848+0.2968i
49.6	-0.0889+0.0267i	-0.0374+0.0364i	-0.0327+0.0070i	-0.0611+0.0304i	0.6004+0.1027i	-3.0651+0.3564i	0.4417+0.1680i	-6.6052+0.2775i
49.7	-0.0850+0.0198i	-0.0308+0.0308i	-0.0310+0.0070i	-0.0596+0.0305i	0.6130+0.1175i	-3.1281+0.3584i	0.4562+0.1892i	-6.6110+0.2624i

49.8	-0.0936+0.0215i	-0.0369+0.0259i	-0.0343+0.0052i	-0.0625+0.0294i	0.6470+0.0246i	-3.2899+0.3812i	0.4784+0.1358i	-6.6299+0.2748i
49.9	-0.0980+0.0290i	-0.0421+0.0253i	-0.0344+0.0093i	-0.0637+0.0338i	0.6897+0.0431i	-3.2331+0.4065i	0.4713+0.1186i	-6.6792+0.2935i
50.0	-0.0919+0.0349i	-0.0426+0.0284i	-0.0350+0.0087i	-0.0640+0.0333i	0.6067-0.0447i	-3.2206+0.4610i	0.4643+0.0889i	-6.6673+0.3033i
50.1	-0.0962+0.0316i	-0.0467+0.0277i	-0.0385+0.0087i	-0.0668+0.0336i	0.6128-0.0503i	-3.2652+0.3900i	0.4127+0.0954i	-6.6933+0.2770i
50.2	-0.0986+0.0319i	-0.0486+0.0287i	-0.0403+0.0063i	-0.0686+0.0315i	0.5978+0.0370i	-3.2689+0.3996i	0.3895+0.1035i	-6.7015+0.2890i
50.3	-0.1000+0.0348i	-0.0479+0.0302i	-0.0395+0.0096i	-0.0674+0.0341i	0.6380+0.0417i	-3.2856+0.3859i	0.4217+0.1384i	-6.7467+0.2815i
50.4	-0.0959+0.0391i	-0.0456+0.0318i	-0.0381+0.0123i	-0.0665+0.0376i	0.6110-0.0366i	-3.3031+0.3746i	0.4102+0.1248i	-6.7542+0.3017i
50.5	-0.1006+0.0388i	-0.0513+0.0311i	-0.0406+0.0128i	-0.0693+0.0376i	0.5888-0.0557i	-3.3937+0.3411i	0.3987+0.1402i	-6.7478+0.3240i
50.6	-0.1053+0.0507i	-0.0552+0.0394i	-0.0431+0.0190i	-0.0721+0.0447i	0.6101-0.0434i	-3.4263+0.3828i	0.4190+0.1911i	-6.7964+0.3383i
50.7	-0.1002+0.0586i	-0.0518+0.0461i	-0.0396+0.0238i	-0.0683+0.0502i	0.6212-0.0123i	-3.4098+0.4476i	0.4658+0.2036i	-6.8014+0.3809i
50.8	-0.0952+0.0571i	-0.0453+0.0465i	-0.0362+0.0232i	-0.0647+0.0499i	0.6831-0.0097i	-3.4552+0.4242i	0.4931+0.1988i	-6.7715+0.4190i
50.9	-0.0930+0.0584i	-0.0427+0.0448i	-0.0352+0.0238i	-0.0632+0.0508i	0.6644-0.0300i	-3.4704+0.4033i	0.4982+0.2045i	-6.7599+0.3916i
51.0	-0.0851+0.0561i	-0.0383+0.0420i	-0.0300+0.0207i	-0.0589+0.0490i	0.6659+0.0000i	-3.4761+0.3934i	0.5101+0.2305i	-6.7346+0.3544i
51.1	-0.0898+0.0461i	-0.0397+0.0359i	-0.0322+0.0151i	-0.0609+0.0440i	0.6647-0.0061i	-3.5190+0.3926i	0.5280+0.2377i	-6.7537+0.3287i
51.2	-0.1007+0.0590i	-0.0457+0.0412i	-0.0389+0.0195i	-0.0677+0.0475i	0.6297+0.0111i	-3.5662+0.4490i	0.5136+0.1967i	-6.8039+0.3525i
51.3	-0.0856+0.0656i	-0.0379+0.0426i	-0.0290+0.0229i	-0.0573+0.0529i	0.6667+0.0469i	-3.5462+0.4475i	0.5378+0.2062i	-6.7634+0.4205i
51.4	-0.0769+0.0498i	-0.0327+0.0327i	-0.0258+0.0152i	-0.0529+0.0451i	0.6831+0.0148i	-3.5338+0.4058i	0.5360+0.1883i	-6.7268+0.3489i
51.5	-0.0878+0.0360i	-0.0404+0.0220i	-0.0334+0.0062i	-0.0598+0.0365i	0.6821-0.0362i	-3.6049+0.3910i	0.5415+0.1961i	-6.7832+0.2472i
51.6	-0.1035+0.0390i	-0.0512+0.0215i	-0.0419+0.0071i	-0.0678+0.0369i	0.7036-0.0046i	-3.6760+0.4102i	0.5803+0.2369i	-6.8715+0.2725i
51.7	-0.1148+0.0551i	-0.0622+0.0294i	-0.0484+0.0155i	-0.0755+0.0452i	0.8092+0.0649i	-3.7401+0.4142i	0.6141+0.2469i	-6.9184+0.3335i
51.8	-0.1161+0.0636i	-0.0658+0.0359i	-0.0512+0.0209i	-0.0776+0.0511i	0.7607+0.0126i	-3.7753+0.4577i	0.6403+0.2052i	-6.9297+0.3555i
51.9	-0.1131+0.0699i	-0.0634+0.0399i	-0.0488+0.0240i	-0.0753+0.0546i	0.7313+0.0130i	-3.8064+0.4406i	0.6461+0.1626i	-6.9291+0.3838i
52.0	-0.1015+0.0742i	-0.0561+0.0418i	-0.0422+0.0256i	-0.0674+0.0567i	0.7555-0.0045i	-3.8148+0.4371i	0.6108+0.1109i	-6.8746+0.3952i
52.1	-0.1022+0.0729i	-0.0585+0.0394i	-0.0435+0.0244i	-0.0676+0.0542i	0.7654-0.0109i	-3.8343+0.4371i	0.6025+0.1117i	-6.8973+0.3763i
52.2	-0.1108+0.0810i	-0.0666+0.0423i	-0.0487+0.0279i	-0.0744+0.0578i	0.7950-0.0187i	-3.8890+0.4513i	0.6723+0.1130i	-6.9533+0.3976i
52.3	-0.1044+0.0949i	-0.0675+0.0515i	-0.0471+0.0357i	-0.0732+0.0668i	0.7462-0.0421i	-3.9399+0.5115i	0.6851+0.0893i	-6.9563+0.4803i
52.4	-0.0857+0.0912i	-0.0582+0.0503i	-0.0384+0.0344i	-0.0626+0.0656i	0.7234-0.0792i	-3.9263+0.4987i	0.6766+0.0888i	-6.8803+0.4772i
52.5	-0.0846+0.0825i	-0.0600+0.0469i	-0.0391+0.0304i	-0.0622+0.0613i	0.7010-0.0319i	-3.9533+0.4596i	0.6048+0.1010i	-6.8687+0.4270i
52.6	-0.0833+0.0906i	-0.0627+0.0543i	-0.0394+0.0348i	-0.0630+0.0660i	0.7244-0.0811i	-3.9694+0.5005i	0.6353+0.0716i	-6.8680+0.4298i
52.7	-0.0718+0.0875i	-0.0578+0.0550i	-0.0335+0.0343i	-0.0569+0.0655i	0.7287-0.0725i	-3.9897+0.4965i	0.6581+0.0414i	-6.8191+0.4327i
52.8	-0.0697+0.0830i	-0.0575+0.0538i	-0.0328+0.0322i	-0.0554+0.0640i	0.7731-0.0644i	-4.0080+0.4935i	0.6695+0.0164i	-6.8021+0.4406i
52.9	-0.0730+0.0845i	-0.0581+0.0589i	-0.0345+0.0347i	-0.0567+0.0667i	0.8211-0.0808i	-4.0397+0.4830i	0.7361+0.0260i	-6.8429+0.4372i
53.0	-0.0836+0.0734i	-0.0617+0.0524i	-0.0393+0.0285i	-0.0603+0.0603i	0.8191-0.0713i	-4.1165+0.4764i	0.7960+0.0412i	-6.8843+0.3745i
53.1	-0.0943+0.0768i	-0.0676+0.0518i	-0.0447+0.0296i	-0.0666+0.0609i	0.7812-0.1444i	-4.1633+0.4541i	0.7790-0.0828i	-6.9719+0.3735i
53.2	-0.0956+0.0897i	-0.0723+0.0608i	-0.0473+0.0377i	-0.0693+0.0685i	0.7603-0.2063i	-4.2043+0.5161i	0.7616-0.1780i	-7.0292+0.4353i
53.3	-0.0945+0.0983i	-0.0747+0.0669i	-0.0486+0.0421i	-0.0691+0.0735i	0.7363-0.2438i	-4.2479+0.5382i	0.7374-0.1922i	-7.0342+0.4710i
53.4	-0.0834+0.1025i	-0.0689+0.0731i	-0.0429+0.0452i	-0.0618+0.0769i	0.6753-0.2647i	-4.2651+0.5619i	0.6423-0.2304i	-6.9693+0.5044i
53.5	-0.0745+0.0942i	-0.0638+0.0730i	-0.0379+0.0425i	-0.0567+0.0737i	0.6999-0.2491i	-4.2753+0.5612i	0.5633-0.2115i	-6.9226+0.4591i
53.6	-0.0760+0.0893i	-0.0604+0.0766i	-0.0367+0.0428i	-0.0568+0.0727i	0.7368-0.2190i	-4.3035+0.5515i	0.5894-0.1868i	-6.9061+0.4235i
53.7	-0.0689+0.0916i	-0.0511+0.0751i	-0.0307+0.0425i	-0.0517+0.0737i	0.7342-0.2142i	-4.3097+0.5464i	0.5474-0.1546i	-6.8723+0.4474i
53.8	-0.0705+0.0838i	-0.0538+0.0671i	-0.0331+0.0369i	-0.0533+0.0684i	0.7159-0.2110i	-4.3620+0.5398i	0.5919-0.1184i	-6.8921+0.4033i
53.9	-0.0887+0.0931i	-0.0646+0.0712i	-0.0426+0.0409i	-0.0627+0.0733i	0.7047-0.1997i	-4.4779+0.5539i	0.5809-0.0986i	-6.9979+0.4277i
54.0	-0.0848+0.1081i	-0.0646+0.0815i	-0.0406+0.0494i	-0.0609+0.0832i	0.7131-0.1719i	-4.4618+0.5831i	0.6027-0.0769i	-6.9970+0.5274i
54.1	-0.0696+0.1072i	-0.0568+0.0856i	-0.0342+0.0501i	-0.0518+0.0829i	0.7084-0.1633i	-4.4619+0.6077i	0.5940-0.0795i	-6.9486+0.5207i
54.2	-0.0611+0.1001i	-0.0503+0.0835i	-0.0288+0.0463i	-0.0449+0.0787i	0.7104-0.1810i	-4.4855+0.6135i	0.5394-0.0455i	-6.8869+0.5023i
54.3	-0.0672+0.1007i	-0.0545+0.0836i	-0.0325+0.0477i	-0.0481+0.0793i	0.7439-0.1813i	-4.5495+0.6145i	0.5789-0.0601i	-6.8801+0.4951i
54.4	-0.0628+0.1074i	-0.0529+0.0881i	-0.0301+0.0524i	-0.0463+0.0836i	0.7656-0.1769i	-4.5951+0.6177i	0.5798-0.0680i	-6.8275+0.5327i
54.5	-0.0443+0.0967i	-0.0406+0.0871i	-0.0198+0.0493i	-0.0347+0.0781i	0.7382-0.1337i	-4.6166+0.5888i	0.5853+0.0229i	-6.7258+0.5376i
54.6	-0.0321+0.0948i	-0.0307+0.0887i	-0.0126+0.0491i	-0.0269+0.0774i	0.7513-0.2219i	-4.6009+0.6120i	0.6227-0.0298i	-6.6780+0.5177i
54.7	-0.0291+0.0842i	-0.0249+0.0824i	-0.0094+0.0440i	-0.0240+0.0723i	0.6640-0.2447i	-4.6299+0.5764i	0.6431-0.0894i	-6.6503+0.4275i
54.8	-0.0359+0.0713i	-0.0276+0.0718i	-0.0134+0.0368i	-0.0264+0.0638i	0.7460-0.2283i	-4.6891+0.5619i	0.6416-0.0673i	-6.6341+0.3513i
54.9	-0.0437+0.0735i	-0.0299+0.0720i	-0.0163+0.0380i	-0.0307+0.0639i	0.7489-0.2020i	-4.7439+0.5526i	0.5917-0.0818i	-6.6605+0.3312i
55.0	-0.0440+0.0770i	-0.0307+0.0770i	-0.0157+0.0401i	-0.0315+0.0654i	0.7624-0.2810i	-4.7844+0.5734i	0.6513-0.0915i	-6.6816+0.3121i
55.1	-0.0436+0.0750i	-0.0308+0.0756i	-0.0150+0.0391i	-0.0310+0.0639i	0.7525-0.3099i	-4.8385+0.5883i	0.6763-0.1368i	-6.7009+0.2675i
55.2	-0.0401+0.0691i	-0.0247+0.0712i	-0.0111+0.0354i	-0.0267+0.0601i	0.7850-0.2688i	-4.8764+0.5476i	0.6244-0.1356i	-6.6797+0.2555i
55.3	-0.0369+0.0657i	-0.0187+0.0717i	-0.0093+0.0336i	-0.0243+0.0598i	0.7527-0.2940i	-4.8580+0.5671i	0.5909-0.1887i	-6.6773+0.2099i
55.4	-0.0388+0.0631i	-0.0211+0.0689i	-0.0106+0.0311i	-0.0265+0.0580i	0.7689-0.2501i	-4.9457+0.5822i	0.5800-0.2531i	-6.7311+0.1703i
55.5	-0.0439+0.0565i	-0.0214+0.0653i	-0.0111+0.0280i	-0.0285+0.0540i	0.7763-0.2760i	-5.0017+0.5463i	0.5515-0.2259i	-6.7541+0.1598i
55.6	-0.0505+0.0613i	-0.0231+0.0681i	-0.0128+0.0312i	-0.0307+0.0571i	0.7672-0.2472i	-5.0636+0.5665i	0.5471-0.2466i	-6.8071+0.1714i
55.7	-0.0508+0.0617i	-0.0207+0.0666i	-0.0132+0.0308i	-0.0297+0.0567i	0.7130-0.2876i	-5.1295+0.5770i	0.5805-0.2132i	-6.8185+0.1428i
55.8	-0.0473+0.0574i	-0.0145+0.0621i	-0.0098+0.0277i	-0.0274+0.0536i	0.7084-0.3445i	-5.1859+0.5811i	0.5556-0.1922i	-6.7869+0.0984i
55.9	-0.0455+0.0540i	-0.0151+0.0570i	-0.0099+0.0245i	-0.0264+0.0505i	0.7359-0.2795i	-5.2179+0.5676i	0.4911-0.1913i	-6.7928+0.1265i
56.0	-0.0504+0.0508i	-0.0181+0.0507i	-0.0127+0.0214i	-0.0282+0.0463i	0.7212-0.2968i	-5.2956+0.5871i	0.5045-0.1871i	-6.7900+0.0485i

56.1	-0.0585+0.0519i	-0.0236+0.0486i	-0.0169+0.0205i	-0.0324+0.0465i	0.7755-0.3349i	-5.3954+0.5829i	0.5102-0.1956i	-6.8148-0.0006i
56.2	-0.0567+0.0533i	-0.0217+0.0458i	-0.0158+0.0199i	-0.0311+0.0462i	0.7953-0.3575i	-5.4331+0.5773i	0.5454-0.1973i	-6.8543+0.0370i
56.3	-0.0538+0.0522i	-0.0201+0.0444i	-0.0138+0.0198i	-0.0296+0.0454i	0.7265-0.3407i	-5.4809+0.6395i	0.5299-0.2299i	-6.8562+0.0218i
56.4	-0.0511+0.0537i	-0.0209+0.0445i	-0.0133+0.0194i	-0.0289+0.0457i	0.7747-0.3103i	-5.5402+0.6481i	0.4919-0.1997i	-6.8506-0.0097i
56.5	-0.0550+0.0520i	-0.0247+0.0428i	-0.0156+0.0173i	-0.0309+0.0440i	0.7528-0.3532i	-5.6290+0.6730i	0.4859-0.1837i	-6.8593-0.0432i
56.6	-0.0562+0.0476i	-0.0274+0.0400i	-0.0168+0.0153i	-0.0317+0.0406i	0.7523-0.4284i	-5.7162+0.6677i	0.5245-0.1765i	-6.8441-0.0675i
56.7	-0.0547+0.0459i	-0.0276+0.0358i	-0.0166+0.0133i	-0.0321+0.0381i	0.7210-0.4492i	-5.7502+0.6680i	0.5688-0.1930i	-6.8578-0.0841i
56.8	-0.0558+0.0438i	-0.0288+0.0323i	-0.0178+0.0123i	-0.0330+0.0363i	0.7797-0.4883i	-5.8294+0.6782i	0.5687-0.1891i	-6.8767-0.0811i
56.9	-0.0576+0.0429i	-0.0311+0.0320i	-0.0197+0.0128i	-0.0341+0.0367i	0.7665-0.4353i	-5.8869+0.7160i	0.5649-0.1898i	-6.9034-0.1015i
57.0	-0.0632+0.0414i	-0.0366+0.0314i	-0.0232+0.0106i	-0.0380+0.0347i	0.6915-0.4327i	-5.9968+0.7401i	0.5810-0.2015i	-6.9354-0.1268i
57.1	-0.0648+0.0393i	-0.0383+0.0278i	-0.0244+0.0089i	-0.0383+0.0329i	0.7048-0.4494i	-6.0450+0.7481i	0.6093-0.2209i	-6.9606-0.1375i
57.2	-0.0656+0.0368i	-0.0407+0.0259i	-0.0247+0.0077i	-0.0390+0.0311i	0.7173-0.4608i	-6.1213+0.7679i	0.6460-0.2433i	-6.9986-0.1684i
57.3	-0.0682+0.0361i	-0.0438+0.0266i	-0.0262+0.0081i	-0.0404+0.0313i	0.7763-0.4172i	-6.1846+0.8055i	0.6626-0.2346i	-7.0553-0.1518i
57.4	-0.0694+0.0357i	-0.0432+0.0282i	-0.0266+0.0080i	-0.0409+0.0310i	0.8177-0.4920i	-6.2573+0.8657i	0.6729-0.2102i	-7.0503-0.1357i
57.5	-0.0707+0.0345i	-0.0454+0.0273i	-0.0279+0.0077i	-0.0426+0.0302i	0.8369-0.5178i	-6.3576+0.9119i	0.7129-0.2876i	-7.0757-0.1596i
57.6	-0.0709+0.0327i	-0.0470+0.0249i	-0.0286+0.0066i	-0.0429+0.0293i	0.8741-0.5777i	-6.4608+0.9045i	0.7849-0.3389i	-7.0675-0.1283i
57.7	-0.0729+0.0329i	-0.0477+0.0255i	-0.0289+0.0068i	-0.0433+0.0293i	0.8375-0.5893i	-6.5263+0.9622i	0.8029-0.3856i	-7.1531-0.1479i
57.8	-0.0734+0.0317i	-0.0493+0.0245i	-0.0296+0.0058i	-0.0443+0.0278i	0.8651-0.5942i	-6.6143+0.9965i	0.8157-0.3932i	-7.1527-0.1033i
57.9	-0.0776+0.0297i	-0.0544+0.0253i	-0.0328+0.0047i	-0.0472+0.0261i	0.8098-0.5940i	-6.6970+1.0298i	0.8217-0.4239i	-7.1200-0.1010i
58.0	-0.0801+0.0280i	-0.0550+0.0229i	-0.0331+0.0035i	-0.0483+0.0245i	0.8158-0.6133i	-6.8160+1.1045i	0.9039-0.4972i	-7.1535-0.0931i
58.1	-0.0831+0.0295i	-0.0579+0.0217i	-0.0359+0.0030i	-0.0506+0.0237i	0.8091-0.7183i	-6.8828+1.1495i	0.9258-0.5797i	-7.2194-0.0853i
58.2	-0.0864+0.0297i	-0.0607+0.0219i	-0.0369+0.0034i	-0.0523+0.0236i	0.9254-0.7787i	-6.9594+1.2024i	0.9644-0.6433i	-7.2667-0.0593i
58.3	-0.0911+0.0317i	-0.0628+0.0216i	-0.0381+0.0048i	-0.0546+0.0243i	0.9380-0.8831i	-7.0742+1.3517i	1.0215-0.7697i	-7.2920+0.0275i
58.4	-0.0923+0.0306i	-0.0613+0.0201i	-0.0382+0.0040i	-0.0547+0.0226i	0.9569-0.9408i	-7.1791+1.4651i	1.0275-0.8681i	-7.2879+0.0203i
58.5	-0.0916+0.0319i	-0.0629+0.0197i	-0.0385+0.0038i	-0.0544+0.0221i	0.9693-1.0073i	-7.2225+1.5392i	1.0188-0.9701i	-7.3543+0.0910i
58.6	-0.0911+0.0326i	-0.0661+0.0192i	-0.0392+0.0044i	-0.0554+0.0230i	0.9196-1.1855i	-7.2471+1.6519i	0.9967-1.1010i	-7.3487+0.1780i
58.7	-0.0932+0.0334i	-0.0695+0.0199i	-0.0402+0.0043i	-0.0586+0.0236i	0.8814-1.3049i	-7.3793+1.8065i	1.0474-1.3147i	-7.3052+0.2874i
58.8	-0.0947+0.0344i	-0.0701+0.0210i	-0.0411+0.0048i	-0.0597+0.0222i	0.8509-1.4477i	-7.3994+1.9905i	1.0093-1.5098i	-7.3344+0.3681i
58.9	-0.0951+0.0336i	-0.0711+0.0182i	-0.0416+0.0045i	-0.0600+0.0216i	0.8361-1.6046i	-7.4343+2.1337i	0.9842-1.7009i	-7.3186+0.5224i
59.0	-0.0973+0.0313i	-0.0736+0.0150i	-0.0407+0.0023i	-0.0629+0.0204i	0.6793-1.6821i	-7.4382+2.3091i	0.8213-1.9954i	-7.1456+0.7101i
59.1	-0.0936+0.0324i	-0.0734+0.0197i	-0.0401+0.0046i	-0.0617+0.0209i	0.3705-1.8364i	-7.2682+2.4722i	0.5661-2.2183i	-6.9923+0.8139i
59.2	-0.0907+0.0339i	-0.0684+0.0196i	-0.0367+0.0044i	-0.0589+0.0224i	0.1351-1.8897i	-7.0949+2.6136i	0.2613-2.4331i	-6.7617+0.9504i
59.3	-0.0924+0.0332i	-0.0721+0.0177i	-0.0370+0.0023i	-0.0611+0.0228i	-0.1339-1.9391i	-6.9631+2.7199i	-0.0762-2.6044i	-6.4445+1.0629i
59.4	-0.0932+0.0307i	-0.0761+0.0124i	-0.0376-0.0018i	-0.0634+0.0209i	-0.4068-1.8669i	-6.7938+2.7220i	-0.5118-2.6393i	-6.0695+1.0321i
59.5	-0.0928+0.0238i	-0.0778+0.0062i	-0.0385-0.0069i	-0.0631+0.0162i	-0.6687-1.7306i	-6.6107+2.6566i	-0.9906-2.5673i	-5.6793+0.9403i
59.6	-0.0936+0.0202i	-0.0797+0.0012i	-0.0392-0.0110i	-0.0628+0.0147i	-0.8641-1.4371i	-6.4655+2.5067i	-1.3496-2.3304i	-5.4222+0.7160i
59.7	-0.0968+0.0169i	-0.0865-0.0023i	-0.0438-0.0142i	-0.0666+0.0133i	-0.9556-1.1454i	-6.4306+2.3289i	-1.6208-2.0979i	-5.1697+0.4139i
59.8	-0.1000+0.0124i	-0.0920-0.0035i	-0.0465-0.0169i	-0.0674+0.0122i	-1.0081-0.9215i	-6.4455+2.1558i	-1.8426-1.7956i	-4.9932+0.0866i
59.9	-0.0993+0.0134i	-0.0958+0.0005i	-0.0470-0.0143i	-0.0666+0.0169i	-0.9125-0.2362i	-6.6928+2.5776i	-2.0364-1.4972i	-4.7397-0.7100i
60.0	-0.0996-0.0004i	-0.0968-0.0150i	-0.0468-0.0289i	-0.0636+0.0012i	-0.5209-0.9017i	-5.9184+1.7852i	-2.0554-1.1613i	-5.3338-0.5392i
60.1	-0.1032+0.0008i	-0.1024-0.0090i	-0.0514-0.0257i	-0.0673+0.0041i	-0.5855-0.6329i	-6.3127+1.8160i	-2.0117-0.9967i	-5.1939-0.8526i
60.2	-0.1172+0.0022i	-0.1185-0.0041i	-0.0637-0.0228i	-0.0798+0.0065i	-0.9164-0.2906i	-7.0066+1.7148i	-1.9467-0.7477i	-4.8836-1.1136i
60.3	-0.1178+0.0005i	-0.1212-0.0058i	-0.0648-0.0238i	-0.0792+0.0053i	-0.8372-0.1616i	-7.1316+1.5980i	-1.8925-0.5623i	-5.0528-1.1709i
60.4	-0.1196-0.0037i	-0.1244-0.0077i	-0.0668-0.0255i	-0.0795+0.0032i	-0.8120-0.1554i	-7.2858+1.5689i	-1.8314-0.4571i	-5.0638-1.3248i
60.5	-0.1242-0.0058i	-0.1315-0.0059i	-0.0708-0.0258i	-0.0830+0.0023i	-0.7130-0.1199i	-7.4714+1.6177i	-1.7828-0.3460i	-5.0644-1.5347i
60.6	-0.1305-0.0040i	-0.1375-0.0035i	-0.0748-0.0255i	-0.0862+0.0028i	-0.5702-0.0259i	-7.6364+1.6465i	-1.7811-0.2542i	-5.1453-1.7689i
60.7	-0.1366-0.0048i	-0.1436-0.0034i	-0.0789-0.0258i	-0.0906+0.0005i	-0.5183+0.0503i	-7.7766+1.6875i	-1.7142-0.2021i	-5.2357-1.9089i
60.8	-0.1447-0.0106i	-0.1510-0.0047i	-0.0848-0.0276i	-0.0950-0.0021i	-0.5054+0.0840i	-8.0028+1.6735i	-1.7092-0.1625i	-5.1688-2.0802i
60.9	-0.1472-0.0126i	-0.1549-0.0021i	-0.0869-0.0267i	-0.0963-0.0024i	-0.5078+0.1162i	-8.1363+1.7327i	-1.6853-0.1200i	-5.2180-2.2709i
61.0	-0.1555-0.0101i	-0.1609+0.0009i	-0.0913-0.0252i	-0.1005-0.0019i	-0.4730+0.0827i	-8.3101+1.8543i	-1.6214-0.0711i	-5.3311-2.4454i
61.1	-0.1613-0.0118i	-0.1674+0.0042i	-0.0960-0.0257i	-0.1050-0.0013i	-0.3190+0.1402i	-8.4588+1.9270i	-1.6241+0.0414i	-5.4284-2.4922i
61.2	-0.1681-0.0152i	-0.1729+0.0048i	-0.1002-0.0266i	-0.1083-0.0030i	-0.2596+0.2108i	-8.5494+1.9719i	-1.6161+0.0818i	-5.4540-2.6284i
61.3	-0.1721-0.0131i	-0.1820+0.0058i	-0.1051-0.0253i	-0.1121-0.0030i	-0.2127+0.1469i	-8.7370+2.0839i	-1.6229+0.1600i	-5.4789-2.8085i
61.4	-0.1749-0.0121i	-0.1880+0.0068i	-0.1085-0.0250i	-0.1146-0.0028i	-0.1417+0.1881i	-8.8643+2.1406i	-1.6046+0.1755i	-5.4320-2.8786i
61.5	-0.1808-0.0125i	-0.1935+0.0122i	-0.1123-0.0242i	-0.1188-0.0022i	-0.1609+0.3378i	-9.0172+2.2543i	-1.6405+0.1884i	-5.5295-3.0879i
61.6	-0.1859-0.0099i	-0.1985+0.0171i	-0.1152-0.0214i	-0.1215-0.0013i	-0.0831+0.3325i	-9.1600+2.3520i	-1.6482+0.2243i	-5.6071-3.2355i
61.7	-0.1928-0.0129i	-0.2045+0.0183i	-0.1181-0.0220i	-0.1258-0.0023i	-0.1190+0.3194i	-9.3124+2.4277i	-1.6118+0.2574i	-5.6388-3.2302i
61.8	-0.1965-0.0183i	-0.2102+0.0196i	-0.1218-0.0237i	-0.1298-0.0032i	-0.1757+0.2487i	-9.4215+2.4721i	-1.5796+0.2897i	-5.5818-3.2807i
61.9	-0.2053-0.0168i	-0.2186+0.0267i	-0.1282-0.0209i	-0.1351-0.0030i	-0.0587+0.2283i	-9.5507+2.6946i	-1.5694+0.3523i	-5.6895-3.6038i
62.0	-0.2139-0.0162i	-0.2289+0.0324i	-0.1348-0.0195i	-0.1414-0.0022i	-0.0644+0.2310i	-9.7579+2.8579i	-1.6075+0.4011i	-5.7198-3.8181i
62.1	-0.2193-0.0146i	-0.2360+0.0392i	-0.1389-0.0174i	-0.1449-0.0011i	-0.0800+0.2510i	-9.8749+3.0105i	-1.5980+0.4330i	-5.8334-3.9946i
62.2	-0.2285-0.0124i	-0.2416+0.0478i	-0.1438-0.0145i	-0.1502+0.0008i	-0.0432+0.2238i	-9.9991+3.1620i	-1.6142+0.4966i	-5.9683-4.1955i
62.3	-0.2403-0.0132i	-0.2492+0.0556i	-0.1491-0.0115i	-0.1558+0.0019i	-0.0431+0.3302i	-10.1694+3.3028i	-1.6355+0.5336i	-5.9739-4.3979i

62.4	-0.2469-0.0144i	-0.2553+0.0609i	-0.1541-0.0103i	-0.1604+0.0018i	0.0089+0.2985i	-10.3196+3.4087i	-1.6690+0.5720i	-6.0474-4.5158i
62.5	-0.2516-0.0123i	-0.2577+0.0650i	-0.1560-0.0083i	-0.1630+0.0033i	0.0299+0.3445i	-10.4219+3.5051i	-1.6825+0.6038i	-6.1288-4.5189i
62.6	-0.2630-0.0097i	-0.2642+0.0753i	-0.1619-0.0050i	-0.1680+0.0066i	0.0587+0.4644i	-10.5651+3.7338i	-1.7076+0.6413i	-6.1911-4.8281i
62.7	-0.2773-0.0111i	-0.2703+0.0839i	-0.1706-0.0025i	-0.1764+0.0077i	0.1406+0.4553i	-10.6247+3.9576i	-1.7180+0.7339i	-6.3834-5.1522i
62.8	-0.2814-0.0063i	-0.2704+0.0924i	-0.1719+0.0017i	-0.1793+0.0111i	0.0399+0.4039i	-10.7488+4.1454i	-1.6661+0.7957i	-6.5439-5.2805i
62.9	-0.2909-0.0059i	-0.2752+0.0980i	-0.1758+0.0024i	-0.1838+0.0123i	0.0826+0.4446i	-10.9581+4.3009i	-1.7109+0.8466i	-6.5324-5.4443i
63.0	-0.3018-0.0026i	-0.2799+0.1028i	-0.1802+0.0036i	-0.1899+0.0137i	0.2203+0.4884i	-11.0963+4.5087i	-1.7657+0.9065i	-6.6096-5.6800i
63.1	-0.3125-0.0017i	-0.2862+0.1101i	-0.1858+0.0060i	-0.1953+0.0137i	0.3168+0.5021i	-11.2217+4.7112i	-1.7846+0.9709i	-6.6024-5.9250i
63.2	-0.3301+0.0002i	-0.2932+0.1219i	-0.1943+0.0107i	-0.2038+0.0168i	0.2923+0.6001i	-11.3172+4.9912i	-1.8161+1.0286i	-6.8497-6.2397i
63.3	-0.3428+0.0082i	-0.2927+0.1331i	-0.2000+0.0159i	-0.2094+0.0218i	0.3227+0.5394i	-11.3677+5.2464i	-1.8235+1.1074i	-7.1494-6.4148i
63.4	-0.3499+0.0166i	-0.2951+0.1442i	-0.2028+0.0214i	-0.2127+0.0260i	0.3686+0.5192i	-11.4471+5.4647i	-1.8133+1.1804i	-7.2236-6.6077i
63.5	-0.3647+0.0253i	-0.2965+0.1550i	-0.2087+0.0282i	-0.2194+0.0309i	0.4958+0.5545i	-11.4443+5.8099i	-1.8452+1.2749i	-7.5581-6.8985i
63.6	-0.3816+0.0342i	-0.2996+0.1622i	-0.2162+0.0326i	-0.2259+0.0355i	0.5559+0.5557i	-11.5548+6.0277i	-1.8398+1.3128i	-7.7211-6.9968i
63.7	-0.3930+0.0390i	-0.3061+0.1680i	-0.2218+0.0363i	-0.2321+0.0389i	0.5404+0.6308i	-11.6532+6.2317i	-1.8527+1.3703i	-7.9045-7.1448i
63.8	-0.4058+0.0483i	-0.3072+0.1764i	-0.2270+0.0415i	-0.2392+0.0432i	0.5588+0.6621i	-11.6650+6.4879i	-1.8424+1.4573i	-8.2235-7.3471i
63.9	-0.4243+0.0644i	-0.3121+0.1861i	-0.2351+0.0492i	-0.2474+0.0508i	0.6535+0.7551i	-11.8283+6.7987i	-1.8654+1.5659i	-8.4711-7.5878i
64.0	-0.4389+0.0756i	-0.3152+0.1944i	-0.2424+0.0545i	-0.2540+0.0542i	0.8200+0.7327i	-11.9593+7.1166i	-1.9132+1.7270i	-8.6127-7.9191i
64.1	-0.4378+0.0904i	-0.3121+0.2087i	-0.2411+0.0635i	-0.2535+0.0619i	1.0135+0.8412i	-11.8672+7.4344i	-1.9147+1.8447i	-8.9001-8.1676i
64.2	-0.4526+0.1075i	-0.3182+0.2198i	-0.2476+0.0732i	-0.2627+0.0695i	0.9644+0.8765i	-11.8776+7.7420i	-1.8870+1.9128i	-9.1776-8.3579i
64.3	-0.4669+0.1200i	-0.3257+0.2272i	-0.2548+0.0780i	-0.2724+0.0733i	1.0488+0.8392i	-12.0060+8.0551i	-1.8906+2.0359i	-9.3768-8.5706i
64.4	-0.4702+0.1407i	-0.3235+0.2416i	-0.2558+0.0895i	-0.2746+0.0851i	1.1227+0.6935i	-11.9358+8.3363i	-1.8394+2.1778i	-9.8937-8.6574i
64.5	-0.4778+0.1598i	-0.3222+0.2545i	-0.2587+0.1002i	-0.2777+0.0950i	1.2366+0.7202i	-11.8778+8.6070i	-1.7860+2.2275i	-10.2510-8.7023i
64.6	-0.4760+0.1722i	-0.3179+0.2671i	-0.2577+0.1090i	-0.2783+0.1017i	1.3750+0.6457i	-11.7685+8.9477i	-1.7292+2.3310i	-10.6191-8.9114i
64.7	-0.4851+0.1864i	-0.3212+0.2792i	-0.2640+0.1187i	-0.2849+0.1086i	1.5552+0.5806i	-11.7855+9.3574i	-1.7365+2.5177i	-10.8601-9.2820i
64.8	-0.4911+0.2027i	-0.3244+0.2906i	-0.2671+0.1263i	-0.2896+0.1155i	1.6487+0.6118i	-11.7823+9.6604i	-1.6920+2.5589i	-11.1659-9.4109i
64.9	-0.4885+0.2169i	-0.3207+0.3044i	-0.2663+0.1341i	-0.2911+0.1235i	1.6855+0.6559i	-11.6950+10.0635i	-1.5606+2.6518i	-11.6961-9.4910i
65.0	-0.4900+0.2304i	-0.3165+0.3123i	-0.2665+0.1417i	-0.2929+0.1322i	1.7197+0.6325i	-11.5895+10.2113i	-1.5179+2.6625i	-12.0319-9.2513i
65.1	-0.4979+0.2500i	-0.3118+0.3241i	-0.2679+0.1516i	-0.2959+0.1427i	1.8179+0.5587i	-11.5206+10.4969i	-1.4431+2.8154i	-12.4965-9.1888i
65.2	-0.5106+0.2761i	-0.3150+0.3368i	-0.2742+0.1666i	-0.3024+0.1565i	1.9249+0.4588i	-11.5251+10.8448i	-1.3722+2.9132i	-12.8340-9.2392i
65.3	-0.5101+0.2889i	-0.3077+0.3443i	-0.2716+0.1723i	-0.3045+0.1618i	2.0119+0.4697i	-11.3032+11.2121i	-1.3171+2.9356i	-13.3596-9.4421i
65.4	-0.5105+0.3067i	-0.3027+0.3545i	-0.2723+0.1796i	-0.3071+0.1685i	2.2283+0.3158i	-11.1168+11.5886i	-1.2313+3.0504i	-13.9273-9.4932i
65.5	-0.5062+0.3192i	-0.2998+0.3596i	-0.2711+0.1854i	-0.3071+0.1760i	2.2915+0.1146i	-10.8980+11.6991i	-1.1293+3.1232i	-14.3744-9.2657i
65.6	-0.5146+0.3417i	-0.3025+0.3721i	-0.2753+0.1971i	-0.3148+0.1888i	2.3800-0.1268i	-10.7715+12.0570i	-0.9991+3.2533i	-14.8741-9.282i
65.7	-0.5150+0.3611i	-0.3010+0.3824i	-0.2753+0.2074i	-0.3177+0.1992i	2.4994-0.2484i	-10.6042+12.2383i	-0.8819+3.2734i	-15.1810-9.1403i
65.8	-0.5149+0.3852i	-0.3055+0.4015i	-0.2785+0.2232i	-0.3228+0.2143i	2.5258-0.3807i	-10.4596+12.5315i	-0.8266+3.2638i	-15.5754-8.9429i
65.9	-0.5107+0.4043i	-0.2958+0.4205i	-0.2755+0.2350i	-0.3212+0.2286i	2.6251-0.5963i	-10.0694+12.9085i	-0.6605+3.3105i	-16.2862-8.7328i
66.0	-0.5070+0.4314i	-0.2948+0.4335i	-0.2741+0.2488i	-0.3218+0.2441i	2.8625-0.5880i	-9.9736+13.2325i	-0.6443+3.4884i	-16.4580-8.6395i
66.1	-0.5050+0.4549i	-0.2963+0.4470i	-0.2736+0.2617i	-0.3228+0.2562i	2.7730-0.7391i	-9.8881+13.4784i	-0.5222+3.5134i	-16.7499-8.4989i
66.2	-0.4954+0.4737i	-0.2908+0.4568i	-0.2694+0.2710i	-0.3200+0.2665i	2.8184-1.0394i	-9.7496+13.6993i	-0.4738+3.5958i	-16.9924-8.3281i
66.3	-0.4896+0.4942i	-0.2864+0.4718i	-0.2674+0.2830i	-0.3187+0.2800i	2.9226-1.1920i	-9.5394+13.9843i	-0.3533+3.6466i	-17.3782-8.1319i
66.4	-0.4826+0.5204i	-0.2808+0.4922i	-0.2655+0.2987i	-0.3176+0.2984i	2.7659-1.4330i	-9.2968+14.2188i	-0.1838+3.5747i	-17.8956-7.7569i
66.5	-0.4707+0.5493i	-0.2782+0.5151i	-0.2613+0.3157i	-0.3139+0.3180i	2.7739-1.6802i	-9.0157+14.6688i	-0.0113+3.7068i	-18.1895-7.6391i
66.6	-0.4557+0.5742i	-0.2749+0.5371i	-0.2551+0.3318i	-0.3099+0.3368i	2.7415-1.7495i	-8.8281+15.1369i	0.0400+3.7711i	-18.4381-7.5430i
66.7	-0.4456+0.6026i	-0.2741+0.5655i	-0.2512+0.3510i	-0.3069+0.3557i	2.7231-2.1207i	-8.7148+15.4646i	0.1421+3.9174i	-18.6604-7.4784i
66.8	-0.4356+0.6108i	-0.2651+0.5794i	-0.2466+0.3586i	-0.3023+0.3616i	2.8310-2.2431i	-8.4809+15.6664i	0.2260+3.9768i	-18.8872-7.3601i
66.9	-0.4280+0.6136i	-0.2469+0.5875i	-0.2394+0.3642i	-0.2956+0.3687i	2.5805-2.6268i	-8.0638+15.7214i	0.4600+3.9196i	-19.3547-6.8503i
67.0	-0.4191+0.6287i	-0.2324+0.5973i	-0.2333+0.3733i	-0.2901+0.3797i	2.4957-2.9176i	-7.6495+15.8508i	0.6430+3.9318i	-19.6767-6.5690i
67.1	-0.3948+0.6590i	-0.2092+0.6222i	-0.2177+0.3919i	-0.2757+0.4016i	2.3013-3.0071i	-7.2376+16.1669i	0.7677+3.8708i	-19.9390-6.2300i
67.2	-0.3826+0.6829i	-0.1972+0.6380i	-0.2111+0.4057i	-0.2696+0.4172i	2.1416-3.1492i	-6.8904+16.4964i	0.9490+3.8572i	-20.3538-5.9520i
67.3	-0.3757+0.6990i	-0.1963+0.6500i	-0.2087+0.4158i	-0.2678+0.4276i	2.1308-3.3649i	-6.7062+16.7387i	1.0550+3.9487i	-20.6008-5.9082i
67.4	-0.3355+0.7297i	-0.1814+0.6834i	-0.1908+0.4366i	-0.2502+0.4516i	1.9331-3.5724i	-6.2141+17.2286i	1.2039+3.9766i	-20.6793-5.7466i
67.5	-0.3049+0.7465i	-0.1567+0.7076i	-0.1735+0.4521i	-0.2333+0.4680i	1.5628-3.6720i	-5.6018+17.3429i	1.3475+3.8121i	-20.9785-5.2291i
67.6	-0.2879+0.7570i	-0.1391+0.7255i	-0.1621+0.4629i	-0.2213+0.4787i	1.3492-3.7274i	-5.2132+17.4244i	1.4896+3.6429i	-21.1302-4.9126i
67.7	-0.2563+0.7786i	-0.1118+0.7552i	-0.1439+0.4824i	-0.2018+0.4995i	1.1013-3.7991i	-4.6669+17.6276i	1.6763+3.5740i	-21.4568-4.4955i
67.8	-0.2427+0.7841i	-0.0928+0.7694i	-0.1339+0.4914i	-0.1926+0.5084i	0.9338-3.9390i	-4.3370+17.6545i	1.7530+3.4885i	-21.6204-4.1864i
67.9	-0.1973+0.8020i	-0.0504+0.8013i	-0.1044+0.5075i	-0.1649+0.5272i	0.7218-4.1414i	-3.6598+18.0294i	1.8859+3.5023i	-21.8754-3.9961i
68.0	-0.1732+0.8121i	-0.0091+0.8228i	-0.0830+0.5189i	-0.1437+0.5400i	0.5367-3.8905i	-3.2253+18.1898i	1.9327+3.3567i	-22.0961-3.6442i
68.1	-0.1482+0.8226i	0.0276+0.8421i	-0.0626+0.5319i	-0.1235+0.5520i	0.2489-4.0473i	-2.6523+18.2174i	2.1703+3.2011i	-22.3596-3.4399i
68.2	-0.1177+0.8201i	0.0682+0.8400i	-0.0377+0.5317i	-0.0975+0.5525i	-0.0889-3.9297i	-2.1107+18.1258i	2.2357+3.0721i	-22.3820-2.9623i
68.3	-0.0901+0.8226i	0.1060+0.8394i	-0.0163+0.5326i	-0.0766+0.5556i	-0.2745-3.8827i	-1.5922+18.1349i	2.2554+3.0213i	-22.5438-2.6444i
68.4	-0.0487+0.8282i	0.1590+0.8460i	0.0159+0.5388i	-0.0460+0.5623i	-0.6174-3.7835i	-0.8595+18.1594i	2.3437+2.7964i	-22.7869-2.3369i
68.5	-0.0121+0.8232i	0.2011+0.8400i	0.0426+0.5366i	-0.0199+0.5602i	-0.7632-3.8076i	-0.2972+18.1142i	2.3467+2.7311i	-22.8684-2.1086i
68.6	0.0085+0.8260i	0.2304+0.8394i	0.0594+0.5370i	-0.0022+0.5625i	-1.0589-3.7191i	0.1573+18.0057i	2.3645+2.5540i	-22.9823-1.7478i

68.7	0.0300+0.8138i	0.2564+0.8286i	0.0754+0.5296i	0.0148+0.5567i	-1.1253-3.7937i	0.5018+17.8145i	2.3825+2.5364i	-22.9656-1.5702i
68.8	0.0611+0.8023i	0.2970+0.8185i	0.0990+0.5239i	0.0388+0.5510i	-1.1976-3.7660i	1.1264+17.6000i	2.4632+2.3984i	-23.0771-1.1641i
68.9	0.0925+0.7973i	0.3350+0.8084i	0.1230+0.5205i	0.0625+0.5471i	-1.3765-3.5475i	1.6966+17.3426i	2.3776+2.1341i	-23.0718-0.7154i
69.0	0.1213+0.7889i	0.3732+0.8022i	0.1463+0.5156i	0.0834+0.5443i	-1.5949-3.5135i	2.2760+17.1813i	2.4538+2.0273i	-23.1503-0.5481i
69.1	0.1429+0.7638i	0.4010+0.7839i	0.1643+0.5007i	0.1009+0.5319i	-1.8505-3.4130i	2.6518+16.8462i	2.4268+1.9304i	-23.1532-0.3366i
69.2	0.1682+0.7416i	0.4360+0.7623i	0.1852+0.4861i	0.1220+0.5190i	-1.9949-3.1213i	3.0907+16.4065i	2.3220+1.7811i	-23.1246+0.0784i
69.3	0.1837+0.7245i	0.4687+0.7515i	0.2020+0.4779i	0.1401+0.5120i	-2.1036-2.9891i	3.4556+16.0661i	2.2206+1.6888i	-23.2588+0.3564i
69.4	0.1924+0.6954i	0.4980+0.7359i	0.2151+0.4638i	0.1544+0.4978i	-2.1723-2.8809i	3.7389+15.6006i	2.1230+1.5622i	-23.2399+0.5059i
69.5	0.2049+0.6756i	0.5391+0.7186i	0.2340+0.4526i	0.1742+0.4876i	-2.2237-2.7069i	4.0332+15.1533i	1.9997+1.4607i	-23.2450+0.7323i
69.6	0.2126+0.6614i	0.5868+0.6940i	0.2539+0.4401i	0.1930+0.4759i	-2.4546-2.6034i	4.3731+14.7437i	1.8726+1.3984i	-23.3722+0.9797i
69.7	0.2170+0.6496i	0.6217+0.6635i	0.2672+0.4250i	0.2059+0.4628i	-2.6383-2.4213i	4.5718+14.3788i	1.8154+1.3807i	-23.4381+1.2668i
69.8	0.2263+0.6219i	0.6535+0.6002i	0.2816+0.3938i	0.2205+0.4335i	-2.4161-2.2293i	4.7488+13.9018i	1.7075+1.4740i	-23.2779+1.6416i
69.9	0.2334+0.6139i	0.6840+0.5653i	0.2952+0.3797i	0.2335+0.4213i	-2.5788-1.9886i	4.9778+13.6112i	1.6536+1.4461i	-23.4335+1.9821i
70.0	0.2357+0.6032i	0.7002+0.5323i	0.3012+0.3648i	0.2406+0.4065i	-2.6509-1.9187i	5.0757+13.3310i	1.5638+1.4475i	-23.5742+2.0985i
70.1	0.2377+0.5850i	0.7142+0.4870i	0.3068+0.3441i	0.2477+0.3847i	-2.7364-1.7664i	5.2402+12.8350i	1.4905+1.3448i	-23.6135+2.2595i
70.2	0.2414+0.5620i	0.7239+0.4348i	0.3112+0.3184i	0.2530+0.3609i	-2.7568-1.4169i	5.3202+12.2662i	1.3529+1.3500i	-23.6471+2.5628i
70.3	0.2386+0.5479i	0.7239+0.3870i	0.3105+0.2969i	0.2521+0.3403i	-2.6620-1.4226i	5.3910+11.9147i	1.3206+1.4964i	-23.7101+2.7139i
70.4	0.2364+0.5404i	0.7214+0.3537i	0.3103+0.2844i	0.2521+0.3275i	-2.6710-1.2725i	5.3855+11.5993i	1.2546+1.4908i	-23.7148+2.9844i
70.5	0.2386+0.5338i	0.7202+0.3164i	0.3106+0.2698i	0.2532+0.3138i	-2.6770-1.0652i	5.4015+11.3054i	1.2321+1.5125i	-23.6294+3.3116i
70.6	0.2360+0.5337i	0.7229+0.2899i	0.3105+0.2600i	0.2522+0.3067i	-2.6604-0.9372i	5.4033+11.1037i	1.1489+1.6426i	-23.7887+3.4680i
70.7	0.2305+0.5288i	0.7128+0.2573i	0.3053+0.2474i	0.2471+0.2942i	-2.5260-0.9071i	5.2942+10.8593i	1.0199+1.8207i	-23.8031+3.7831i
70.8	0.2322+0.5193i	0.7079+0.2246i	0.3034+0.2340i	0.2469+0.2804i	-2.5081-0.8237i	5.3153+10.5282i	1.0303+1.8106i	-23.7021+3.9997i
70.9	0.2280+0.5077i	0.6966+0.1828i	0.2991+0.2147i	0.2436+0.2618i	-2.4247-0.5965i	5.1674+10.1305i	0.9239+1.9308i	-23.7813+4.3274i
71.0	0.2232+0.4997i	0.6880+0.1522i	0.2952+0.2019i	0.2381+0.2503i	-2.3894-0.4720i	5.0007+9.8473i	0.7500+1.9555i	-23.8997+4.3535i
71.1	0.2276+0.5012i	0.6871+0.1278i	0.2961+0.1941i	0.2393+0.2437i	-2.3602-0.3424i	5.0105+9.7078i	0.7026+2.0774i	-24.0975+4.6943i
71.2	0.2247+0.5034i	0.6800+0.1020i	0.2941+0.1863i	0.2370+0.2355i	-2.3091-0.2895i	4.9512+9.5082i	0.6269+2.0162i	-24.1118+4.9228i
71.3	0.2218+0.5005i	0.6689+0.0694i	0.2895+0.1733i	0.2323+0.2243i	-2.1829-0.2611i	4.8926+9.3191i	0.6617+2.1425i	-23.9713+5.2669i
71.4	0.2260+0.4985i	0.6563+0.0360i	0.2867+0.1602i	0.2294+0.2131i	-2.1499-0.1804i	4.8836+9.1750i	0.7270+2.2991i	-23.8030+5.6958i
71.5	0.2238+0.4948i	0.6384+0.0069i	0.2789+0.1492i	0.2233+0.2035i	-2.1506-0.1825i	4.8237+9.0637i	0.8364+2.4892i	-23.7761+5.8488i
71.6	0.2228+0.4886i	0.6152-0.0204i	0.2699+0.1373i	0.2160+0.1930i	-2.0637-0.1458i	4.7037+8.9035i	0.8443+2.6475i	-23.8750+6.1305i
71.7	0.2290+0.4941i	0.5947-0.0412i	0.2659+0.1324i	0.2116+0.1892i	-1.9433-0.0288i	4.6766+8.7586i	0.7541+2.7760i	-23.7794+6.3671i
71.8	0.2306+0.5010i	0.5727-0.0603i	0.2593+0.1291i	0.2039+0.1857i	-1.9534+0.0370i	4.6390+8.7095i	0.7244+2.8371i	-23.8112+6.4915i
71.9	0.2368+0.5015i	0.5526-0.0883i	0.2542+0.1195i	0.2005+0.1784i	-1.8757+0.0559i	4.6333+8.5600i	0.7773+2.9536i	-23.8566+6.7782i
72.0	0.2409+0.5001i	0.5300-0.1070i	0.2474+0.1110i	0.1943+0.1725i	-1.7844+0.0751i	4.5319+8.4449i	0.7243+3.0431i	-23.9404+7.0092i
72.1	0.2462+0.4984i	0.4974-0.1220i	0.2372+0.1056i	0.1847+0.1684i	-1.7113+0.2258i	4.4930+8.3335i	0.8732+3.2615i	-23.9216+7.4224i
72.2	0.2545+0.4992i	0.4759-0.1318i	0.2327+0.1032i	0.1817+0.1670i	-1.6935+0.2402i	4.4547+8.2342i	0.8973+3.4765i	-23.9632+7.7578i
72.3	0.2589+0.4959i	0.4515-0.1337i	0.2257+0.1029i	0.1756+0.1655i	-1.6561+0.2457i	4.3889+8.1944i	0.8720+3.6982i	-23.9173+8.0243i
72.4	0.2568+0.4960i	0.4262-0.1336i	0.2168+0.1029i	0.1669+0.1654i	-1.5543+0.2983i	4.2958+8.1140i	0.9823+3.6907i	-23.8574+8.0410i
72.5	0.2638+0.4979i	0.4072-0.1426i	0.2132+0.0999i	0.1629+0.1648i	-1.5147+0.3309i	4.2907+8.0357i	1.1328+3.7981i	-23.9710+8.3035i
72.6	0.2719+0.4843i	0.3794-0.1480i	0.2052+0.0928i	0.1577+0.1603i	-1.4459+0.2902i	4.3456+7.9459i	1.3070+4.0380i	-23.7704+8.8303i
72.7	0.2755+0.4824i	0.3619-0.1510i	0.1993+0.0928i	0.1520+0.1604i	-1.4607+0.4633i	4.3083+7.7511i	1.1776+4.2147i	-23.9401+9.1011i
72.8	0.2802+0.4853i	0.3444-0.1476i	0.1949+0.0957i	0.1487+0.1630i	-1.3846+0.4433i	4.2516+7.7518i	1.2715+4.3112i	-23.9440+9.3124i
72.9	0.2805+0.4819i	0.3221-0.1423i	0.1877+0.0959i	0.1425+0.1620i	-1.3307+0.4224i	4.2666+7.6880i	1.5016+4.3221i	-23.8423+9.4561i
73.0	0.2906+0.4761i	0.3053-0.1425i	0.1857+0.0957i	0.1413+0.1621i	-1.2314+0.4158i	4.2897+7.5188i	1.6566+4.3814i	-23.6907+9.6184i
73.1	0.2957+0.4632i	0.2856-0.1413i	0.1802+0.0921i	0.1373+0.1607i	-1.1517+0.3445i	4.2729+7.3650i	1.7751+4.5178i	-23.5259+10.0946i
73.2	0.2923+0.4650i	0.2709-0.1297i	0.1730+0.0962i	0.1313+0.1648i	-1.0835+0.2342i	4.2177+7.3356i	2.1158+4.5647i	-23.4880+10.1751i
73.3	0.2922+0.4635i	0.2561-0.1266i	0.1685+0.0969i	0.1301+0.1654i	-1.0038+0.3037i	4.2368+7.3040i	2.2763+4.8803i	-23.4070+10.6773i
73.4	0.2998+0.4648i	0.2443-0.1187i	0.1668+0.0992i	0.1302+0.1699i	-0.9579+0.3832i	4.2429+7.2576i	2.3453+5.0359i	-23.4546+11.1508i
73.5	0.2953+0.4657i	0.2388-0.1077i	0.1640+0.1032i	0.1260+0.1746i	-0.9689+0.3972i	4.1215+7.2206i	2.3321+5.1123i	-23.3911+11.1595i
73.6	0.2987+0.4697i	0.2301-0.1071i	0.1610+0.1052i	0.1253+0.1768i	-0.9776+0.3329i	4.1082+7.0941i	2.5886+5.2132i	-23.3977+11.4709i
73.7	0.3038+0.4697i	0.2168-0.1032i	0.1590+0.1064i	0.1243+0.1783i	-0.9990+0.2272i	4.0921+7.0346i	2.9838+5.2777i	-23.1430+11.6218i
73.8	0.3140+0.4706i	0.2046-0.1025i	0.1574+0.1078i	0.1241+0.1798i	-0.9378+0.1798i	4.1298+7.0454i	3.2537+5.4600i	-22.9703+11.9455i
73.9	0.3238+0.4691i	0.1909-0.0994i	0.1553+0.1092i	0.1234+0.1818i	-0.8460+0.1859i	4.1382+6.9626i	3.5184+5.8586i	-23.0467+12.3151i
74.0	0.3363+0.4625i	0.1847-0.0922i	0.1583+0.1102i	0.1263+0.1839i	-0.7860+0.2242i	4.1990+6.8539i	3.7630+5.8799i	-22.9336+12.6323i
74.1	0.3457+0.4573i	0.1782-0.0803i	0.1584+0.1118i	0.1285+0.1859i	-0.7445+0.2070i	4.2158+6.7908i	4.2960+6.0183i	-22.8957+12.9792i
74.2	0.3425+0.4543i	0.1662-0.0731i	0.1545+0.1141i	0.1260+0.1861i	-0.7564+0.2772i	4.1845+6.6441i	4.2965+5.7890i	-22.8361+13.0283i
74.3	0.3396+0.4466i	0.1558-0.0689i	0.1514+0.1141i	0.1234+0.1847i	-0.7447+0.2720i	4.1121+6.4893i	4.5949+5.6343i	-22.6845+13.3426i
74.4	0.3473+0.4406i	0.1522-0.0580i	0.1506+0.1145i	0.1252+0.1864i	-0.7797+0.0730i	4.1642+6.4800i	5.2766+5.7685i	-22.4186+13.6259i
74.5	0.3468+0.4421i	0.1494-0.0472i	0.1486+0.1191i	0.1245+0.1917i	-0.7699+0.0153i	4.1219+6.4210i	5.6367+5.8592i	-22.5332+13.8853i
74.6	0.3421+0.4477i	0.1439-0.0382i	0.1447+0.1258i	0.1217+0.1967i	-0.7367+0.1932i	4.0781+6.3545i	5.7504+5.8839i	-22.6271+14.1803i
74.7	0.3396+0.4404i	0.1396-0.0295i	0.1447+0.1260i	0.1213+0.1962i	-0.6730+0.1648i	3.9789+6.2356i	6.0613+5.8042i	-22.2863+14.4654i
74.8	0.3425+0.4430i	0.1386-0.0272i	0.1455+0.1283i	0.1238+0.1977i	-0.6554+0.0972i	4.0074+6.2013i	6.4340+5.3745i	-22.2223+14.7566i
74.9	0.3406+0.4534i	0.1403-0.0169i	0.1449+0.1356i	0.1239+0.2051i	-0.6409+0.1576i	3.9279+6.1612i	6.9023+5.4889i	-22.4353+14.7673i

75.0	0.3434+0.4516i	0.1364−0.0072i	0.1440+0.1376i	0.1240+0.2088i	−0.7186+0.1459i	3.9290+6.0800i	7.1794+5.3162i	−22.1366+15.0784i
75.1	0.3493+0.4565i	0.1381−0.0019i	0.1479+0.1413i	0.1277+0.2122i	−0.6843+0.0833i	3.9304+6.0773i	7.6173+5.0735i	−22.0349+15.5413i
75.2	0.3517+0.4533i	0.1330+0.0053i	0.1467+0.1441i	0.1283+0.2127i	−0.7585−0.0275i	3.8069+5.9763i	7.9629+4.8046i	−21.7496+15.8855i
75.3	0.3530+0.4526i	0.1328+0.0119i	0.1473+0.1480i	0.1300+0.2159i	−0.7512+0.0119i	3.8017+5.9240i	8.3174+4.6028i	−21.5288+16.1212i
75.4	0.3654+0.4653i	0.1390+0.0178i	0.1531+0.1543i	0.1391+0.2222i	−0.6476+0.0222i	3.7652+5.9029i	8.8657+4.5258i	−21.4664+16.7755i
75.5	0.3779+0.4696i	0.1417+0.0208i	0.1579+0.1565i	0.1460+0.2239i	−0.6443−0.0214i	3.7568+5.8892i	9.3273+4.1199i	−21.2421+17.2712i
75.6	0.3858+0.4821i	0.1445+0.0297i	0.1611+0.1638i	0.1492+0.2314i	−0.6146+0.0103i	3.7244+5.9064i	9.2482+4.0291i	−21.4945+17.2907i
75.7	0.3939+0.4845i	0.1468+0.0310i	0.1658+0.1669i	0.1555+0.2304i	−0.7702−0.0012i	3.7240+5.8873i	9.6620+2.9897i	−21.1393+17.5936i
75.8	0.4046+0.4834i	0.1489+0.0324i	0.1700+0.1680i	0.1609+0.2300i	−0.8545−0.0535i	3.7542+5.8842i	10.0746+2.6797i	−20.9725+17.9711i
75.9	0.4161+0.4797i	0.1491+0.0340i	0.1750+0.1678i	0.1657+0.2287i	−0.8886−0.0459i	3.7210+5.8561i	10.0733+1.9971i	−20.6825+18.2734i
76.0	0.4362+0.4746i	0.1500+0.0389i	0.1825+0.1668i	0.1743+0.2279i	−0.7896−0.0971i	3.7545+5.8358i	10.3893+1.7798i	−20.1677+18.8385i
76.1	0.4410+0.4806i	0.1519+0.0433i	0.1859+0.1704i	0.1750+0.2292i	−0.8207−0.0678i	3.7213+5.7821i	10.3586+1.4327i	−19.9961+18.9003i
76.2	0.4526+0.4862i	0.1544+0.0453i	0.1896+0.1734i	0.1805+0.2315i	−0.8033−0.0112i	3.6899+5.7674i	10.4066+0.9954i	−19.8533+19.3179i
76.3	0.4653+0.4856i	0.1563+0.0479i	0.1951+0.1742i	0.1864+0.2304i	−0.8723−0.0686i	3.7079+5.7673i	10.4048+0.6198i	−19.5669+19.6705i
76.4	0.4861+0.4827i	0.1615+0.0504i	0.2037+0.1746i	0.1959+0.2306i	−0.9232−0.0522i	3.7566+5.7719i	10.5544+0.0868i	−19.2500+20.0124i
76.5	0.4954+0.4789i	0.1614+0.0564i	0.2064+0.1755i	0.1982+0.2296i	−0.9021−0.0225i	3.7806+5.7200i	10.4671−0.3121i	−19.0414+20.2174i
76.6	0.5094+0.4812i	0.1656+0.0641i	0.2125+0.1788i	0.2043+0.2311i	−0.9585+0.0136i	3.8174+5.7359i	10.5438−0.8848i	−18.7099+20.7215i
76.7	0.5240+0.4741i	0.1696+0.0642i	0.2185+0.1772i	0.2119+0.2278i	−0.9581+0.0048i	3.8723+5.6927i	10.6904−1.3516i	−18.1261+21.1325i
76.8	0.5425+0.4684i	0.1749+0.0635i	0.2248+0.1754i	0.2201+0.2250i	−0.8135+0.0151i	3.8662+5.6311i	10.6400−1.4927i	−17.8399+21.4350i
76.9	0.5579+0.4778i	0.1824+0.0690i	0.2347+0.1800i	0.2269+0.2292i	−0.8418+0.1515i	3.9165+5.6606i	10.4772−2.0253i	−17.7499+21.6373i
77.0	0.5660+0.4725i	0.1879+0.0693i	0.2399+0.1784i	0.2316+0.2265i	−0.8598+0.1316i	3.9347+5.6521i	10.2483−2.3839i	−17.2522+21.8566i
77.1	0.5868+0.4587i	0.1918+0.0702i	0.2486+0.1752i	0.2373+0.2209i	−0.8426+0.1215i	3.9529+5.5771i	9.7734−2.8427i	−16.6055+22.0426i
77.2	0.6031+0.4546i	0.1962+0.0706i	0.2540+0.1741i	0.2424+0.2203i	−0.8407+0.0859i	4.0065+5.5651i	9.6715−2.9683i	−16.3160+22.2503i
77.3	0.6167+0.4467i	0.1990+0.0672i	0.2602+0.1710i	0.2467+0.2167i	−0.7967+0.1398i	4.0747+5.5136i	9.5212−3.3368i	−15.7218+22.4473i
77.4	0.6286+0.4306i	0.1992+0.0680i	0.2657+0.1663i	0.2497+0.2112i	−0.7651+0.2028i	4.1428+5.4415i	9.0295−3.6767i	−15.0517+22.6899i
77.5	0.6364+0.4117i	0.2011+0.0681i	0.2690+0.1610i	0.2536+0.2045i	−0.8635+0.0993i	4.1433+5.3604i	8.7346−3.9860i	−14.0768+22.6432i
77.6	0.6618+0.4159i	0.2107+0.0719i	0.2822+0.1657i	0.2656+0.2090i	−0.8496+0.0964i	4.1577+5.3340i	8.5324−4.0279i	−13.8205+22.9815i
77.7	0.6763+0.4156i	0.2209+0.0754i	0.2904+0.1685i	0.2722+0.2100i	−0.8113+0.1626i	4.1856+5.3224i	8.5363−4.0709i	−13.7158+23.0028i
77.8	0.7141+0.4013i	0.2378+0.0702i	0.3117+0.1627i	0.2900+0.2033i	−0.7252+0.1308i	4.3338+5.2636i	8.4058−4.4535i	−13.0600+23.6340i
77.9	0.7371+0.3879i	0.2470+0.0665i	0.3230+0.1568i	0.3001+0.1977i	−0.7567+0.1162i	4.4087+5.2388i	7.9996−4.5380i	−12.4969+23.7560i
78.0	0.7449+0.3747i	0.2535+0.0633i	0.3281+0.1507i	0.3037+0.1925i	−0.8586+0.1251i	4.4396+5.1674i	7.9042−4.6460i	−12.0929+23.4670i
78.1	0.7715+0.3572i	0.2669+0.0551i	0.3430+0.1430i	0.3167+0.1846i	−0.8137+0.2125i	4.5855+5.0637i	7.8858−4.7720i	−11.4692+23.5792i
78.2	0.7915+0.3280i	0.2726+0.0428i	0.3544+0.1296i	0.3250+0.1729i	−0.7815+0.2301i	4.6682+4.9291i	7.6418−5.0057i	−10.6838+23.5468i
78.3	0.7989+0.2912i	0.2716+0.0295i	0.3585+0.1114i	0.3273+0.1570i	−0.7462+0.2140i	4.6350+4.7566i	7.2567−5.0801i	−9.8220+23.0963i
78.4	0.8232+0.2696i	0.2814+0.0223i	0.3704+0.1012i	0.3376+0.1482i	−0.7715+0.2443i	4.7057+4.6720i	7.2359−5.3655i	−9.4500+23.3290i
78.5	0.8363+0.2226i	0.2794+0.0057i	0.3771+0.0811i	0.3440+0.1297i	−0.7375+0.2742i	4.7624+4.4763i	6.8303−5.6338i	−8.4581+23.1208i
78.6	0.8390+0.2020i	0.2804−0.0042i	0.3782+0.0695i	0.3467+0.1202i	−0.7219+0.2998i	4.7410+4.3288i	6.6552−5.8537i	−8.2114+22.7175i
78.7	0.8442+0.1859i	0.2805−0.0112i	0.3804+0.0591i	0.3476+0.1117i	−0.7730+0.3459i	4.7047+4.2382i	6.3041−5.7558i	−8.2260+22.3963i
78.8	0.8651+0.1584i	0.2838−0.0249i	0.3898+0.0447i	0.3553+0.0989i	−0.7163+0.4592i	4.7864+4.1485i	5.7843−5.8553i	−7.8116+22.5065i
78.9	0.8768+0.1328i	0.2799−0.0359i	0.3922+0.0312i	0.3584+0.0901i	−0.5749+0.7200i	4.8664+4.0650i	4.6557−5.4308i	−7.2906+22.4831i
79.0	0.8751+0.0887i	0.2686−0.0420i	0.3861+0.0130i	0.3574+0.0746i	−0.2327+0.6742i	4.8588+3.8708i	4.5883−3.5339i	−6.6769+22.1680i
79.1	0.8969+0.0317i	0.2795−0.0595i	0.3974−0.0100i	0.3725+0.0501i	−0.0679+0.2385i	4.9449+3.6651i	7.0040−3.9909i	−6.1230+22.3510i
79.2	0.8856−0.0043i	0.2781−0.0752i	0.3964−0.0265i	0.3676+0.0320i	−0.2032+0.0933i	4.9378+3.5191i	7.4275−5.4091i	−5.6521+22.0986i
79.3	0.8772−0.0308i	0.2725−0.0875i	0.3924−0.0399i	0.3618+0.0186i	−0.3128+0.0053i	4.8719+3.4055i	7.2528−6.1823i	−5.3827+21.8158i
79.4	0.8618−0.0657i	0.2599−0.0962i	0.3833−0.0564i	0.3535+0.0052i	−0.3321+0.0353i	4.7752+3.2524i	6.6856−6.4744i	−5.1159+21.6137i
79.5	0.8361−0.0937i	0.2412−0.1030i	0.3689−0.0692i	0.3404−0.0077i	−0.2918+0.0310i	4.6845+3.0876i	6.3875−6.7880i	−4.6088+21.0482i
79.6	0.8148−0.1153i	0.2294−0.1022i	0.3587−0.0773i	0.3290−0.0158i	−0.3820−0.0447i	4.6638+2.9957i	6.0187−6.8168i	−4.2483+20.5812i
79.7	0.8152−0.1731i	0.2281−0.1171i	0.3597−0.1009i	0.3291−0.0391i	−0.3761−0.0613i	4.7317+2.7921i	5.8717−7.2420i	−3.5237+20.8300i
79.8	0.8012−0.2115i	0.2168−0.1254i	0.3518−0.1184i	0.3203−0.0543i	−0.3585−0.0790i	4.6610+2.5696i	5.6016−7.4720i	−2.9616+20.3918i
79.9	0.7830−0.2064i	0.2159−0.1184i	0.3461−0.1156i	0.3137−0.0492i	−0.3210−0.0566i	4.5623+2.5785i	5.5358−7.4028i	−3.2617+20.1063i
80.0	0.7513−0.2188i	0.2071−0.1134i	0.3315−0.1199i	0.3014−0.0508i	−0.3659−0.0907i	4.3890+2.4907i	5.2412−7.3948i	−3.2484+19.4927i

1.1.27 Run 7 – VT270-200 – NF and AF gauges

Vertical shaking at 270° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.4330+0.0000i	0.2068+0.0000i	0.8811+0.0000i	1.2066+0.0000i	0.0080+0.0000i	-0.0311+0.0000i	0.0069+0.0000i	0.0183+0.0000i
0.1	0.2796-0.0034i	0.2412-0.0032i	0.6253-0.0048i	0.1390-0.0338i	0.0075+0.0000i	-0.0120+0.0001i	0.0019-0.0005i	0.0032-0.0005i
0.2	0.2534-0.0022i	0.2472-0.0034i	0.5830+0.0006i	-0.0632-0.0041i	0.0076+0.0001i	-0.0091+0.0004i	0.0013+0.0000i	0.0003+0.0002i
0.3	0.2496-0.0023i	0.2451-0.0004i	0.5816-0.0017i	-0.0644-0.0036i	0.0076+0.0001i	-0.0088+0.0006i	0.0011+0.0006i	0.0008+0.0008i
0.4	0.2506-0.0016i	0.2453-0.0023i	0.5793+0.0014i	-0.0619-0.0022i	0.0078+0.0002i	-0.0087+0.0001i	0.0012+0.0005i	0.0018+0.0001i
0.5	0.2495-0.0023i	0.2446-0.0012i	0.5812+0.0032i	-0.0619-0.0026i	0.0082+0.0004i	-0.0089+0.0001i	0.0015+0.0005i	0.0013+0.0005i
0.6	0.2506-0.0044i	0.2426+0.0001i	0.5836+0.0033i	-0.0644-0.0037i	0.0082+0.0003i	-0.0086+0.0002i	0.0017-0.0002i	0.0011+0.0004i
0.7	0.2533-0.0054i	0.2403+0.0010i	0.5809+0.0037i	-0.0640-0.0028i	0.0084+0.0002i	-0.0083+0.0001i	0.0021-0.0003i	0.0016-0.0004i
0.8	0.2535-0.0081i	0.2387+0.0044i	0.5844+0.0092i	-0.0683-0.0072i	0.0083-0.0005i	-0.0081-0.0005i	0.0020-0.0009i	0.0018-0.0007i
0.9	0.2460-0.0091i	0.2483+0.0045i	0.6033-0.0035i	-0.0805+0.0020i	0.0075-0.0005i	-0.0090-0.0002i	0.0004-0.0008i	0.0009-0.0009i
1.0	0.2457-0.0076i	0.2467+0.0022i	0.5930-0.0170i	-0.0705+0.0133i	0.0078-0.0002i	-0.0085+0.0001i	0.0010-0.0002i	0.0008-0.0005i
1.1	0.2443-0.0056i	0.2479+0.0026i	0.5829-0.0070i	-0.0622+0.0037i	0.0078-0.0003i	-0.0087-0.0001i	0.0012-0.0001i	0.0011-0.0002i
1.2	0.2449-0.0031i	0.2470+0.0024i	0.5882-0.0017i	-0.0655-0.0004i	0.0078-0.0004i	-0.0087+0.0001i	0.0012-0.0003i	0.0012-0.0002i
1.3	0.2448-0.0036i	0.2466+0.0021i	0.5894+0.0005i	-0.0661-0.0025i	0.0078-0.0002i	-0.0087+0.0002i	0.0012-0.0004i	0.0009+0.0002i
1.4	0.2448-0.0038i	0.2462+0.0015i	0.5908+0.0013i	-0.0675-0.0033i	0.0080-0.0003i	-0.0086+0.0002i	0.0013-0.0004i	0.0011+0.0000i
1.5	0.2458-0.0046i	0.2470+0.0008i	0.5941+0.0021i	-0.0712-0.0040i	0.0081-0.0005i	-0.0085+0.0001i	0.0017-0.0004i	0.0015-0.0003i
1.6	0.2468-0.0040i	0.2459+0.0002i	0.5993+0.0025i	-0.0766-0.0034i	0.0083-0.0005i	-0.0084+0.0002i	0.0018-0.0000i	0.0022-0.0001i
1.7	0.2471-0.0033i	0.2445-0.0004i	0.6033+0.0041i	-0.0818-0.0048i	0.0085-0.0002i	-0.0082+0.0004i	0.0020+0.0002i	0.0031+0.0004i
1.8	0.2488-0.0015i	0.2429-0.0018i	0.6132-0.0017i	-0.0888-0.0021i	0.0088-0.0001i	-0.0078+0.0008i	0.0023+0.0003i	0.0030+0.0007i
1.9	0.2516-0.0033i	0.2409-0.0003i	0.6204-0.0304i	-0.0939+0.0225i	0.0094-0.0001i	-0.0071+0.0007i	0.0036+0.0008i	0.0033+0.0008i
2.0	0.2529-0.0035i	0.2402-0.0001i	0.6006-0.0428i	-0.0764+0.0348i	0.0101-0.0002i	-0.0061+0.0005i	0.0046+0.0006i	0.0044+0.0003i
2.1	0.2533-0.0040i	0.2391+0.0003i	0.5804-0.0362i	-0.0590+0.0304i	0.0108-0.0002i	-0.0053+0.0006i	0.0060+0.0004i	0.0056+0.0001i
2.2	0.2597-0.0052i	0.2325+0.0011i	0.5740-0.0186i	-0.0520+0.0149i	0.0129-0.0006i	-0.0031+0.0002i	0.0094-0.0003i	0.0087-0.0004i
2.3	0.2709-0.0183i	0.2235+0.0142i	0.5881-0.0105i	-0.0648+0.0073i	0.0172-0.0055i	0.0010-0.0045i	0.0154-0.0077i	0.0151-0.0082i
2.4	0.2596-0.0511i	0.2350+0.0430i	0.5918-0.0169i	-0.0680+0.0130i	0.0131-0.0183i	-0.0031-0.0173i	0.0090-0.0267i	0.0085-0.0281i
2.5	0.2197-0.0302i	0.2730+0.0263i	0.5882-0.0159i	-0.0636+0.0119i	-0.0031-0.0111i	-0.0190-0.0104i	-0.0148-0.0161i	-0.0163-0.0170i
2.6	0.2252-0.0055i	0.2684+0.0040i	0.5887-0.0130i	-0.0644+0.0083i	-0.0011-0.0018i	-0.0169-0.0008i	-0.0114-0.0021i	-0.0126-0.0026i
2.7	0.2335-0.0055i	0.2611+0.0022i	0.5912-0.0107i	-0.0660+0.0076i	0.0025-0.0013i	-0.0134-0.0000i	-0.0060-0.0010i	-0.0069-0.0013i
2.8	0.2400-0.0051i	0.2563+0.0016i	0.5946-0.0101i	-0.0680+0.0070i	0.0041-0.0005i	-0.0123+0.0002i	-0.0039-0.0002i	-0.0041-0.0006i
2.9	0.2403-0.0072i	0.2555+0.0019i	0.5958-0.0109i	-0.0685+0.0078i	0.0046-0.0005i	-0.0115+0.0003i	-0.0031-0.0007i	-0.0033-0.0006i
3.0	0.2411-0.0041i	0.2564-0.0016i	0.5954-0.0151i	-0.0668+0.0111i	0.0048-0.0004i	-0.0108+0.0003i	-0.0026-0.0005i	-0.0034+0.0002i
3.1	0.2428-0.0040i	0.2540-0.0022i	0.5920-0.0146i	-0.0654+0.0087i	0.0053-0.0004i	-0.0102+0.0006i	-0.0015-0.0001i	-0.0037+0.0004i
3.2	0.2434-0.0050i	0.2529-0.0003i	0.5918-0.0102i	-0.0663+0.0080i	0.0053-0.0008i	-0.0099+0.0004i	-0.0011-0.0003i	-0.0031-0.0002i
3.3	0.2458-0.0033i	0.2519-0.0011i	0.5978-0.0084i	-0.0687+0.0053i	0.0057-0.0005i	-0.0098+0.0004i	-0.0010-0.0006i	-0.0015+0.0003i
3.4	0.2463-0.0008i	0.2488-0.0028i	0.5966-0.0044i	-0.0671+0.0034i	0.0065-0.0003i	-0.0096+0.0007i	-0.0004-0.0003i	-0.0013+0.0002i
3.5	0.2490+0.0012i	0.2485-0.0049i	0.5913-0.0007i	-0.0602+0.0053i	0.0070-0.0003i	-0.0092+0.0006i	0.0006+0.0002i	-0.0024+0.0011i
3.6	0.2591+0.0017i	0.2447+0.0066i	0.5982+0.0185i	-0.0635-0.0145i	0.0071-0.0011i	-0.0081-0.0006i	0.0013-0.0011i	-0.0010-0.0004i
3.7	0.2571-0.0069i	0.2559+0.0093i	0.6349+0.0200i	-0.0966-0.0164i	0.0065-0.0012i	-0.0099-0.0011i	-0.0021-0.0017i	-0.0006-0.0029i
3.8	0.2507-0.0058i	0.2571+0.0071i	0.6372+0.0053i	-0.0963-0.0044i	0.0062-0.0011i	-0.0101-0.0002i	-0.0015-0.0010i	-0.0009-0.0002i
3.9	0.2510-0.0059i	0.2583+0.0044i	0.6387-0.0001i	-0.0948-0.0009i	0.0062-0.0009i	-0.0099-0.0000i	-0.0013-0.0008i	-0.0010-0.0003i
4.0	0.2516-0.0054i	0.2583+0.0036i	0.6382-0.0029i	-0.0935+0.0006i	0.0063-0.0008i	-0.0098+0.0001i	-0.0011-0.0006i	-0.0008-0.0002i
4.1	0.2527-0.0047i	0.2580+0.0030i	0.6384-0.0037i	-0.0929+0.0013i	0.0064-0.0007i	-0.0097+0.0003i	-0.0008-0.0004i	-0.0005-0.0002i
4.2	0.2547-0.0035i	0.2571+0.0011i	0.6401-0.0044i	-0.0931+0.0022i	0.0067-0.0005i	-0.0096+0.0004i	-0.0004-0.0003i	-0.0004-0.0002i
4.3	0.2567-0.0028i	0.2565+0.0000i	0.6434-0.0062i	-0.0938+0.0033i	0.0069-0.0004i	-0.0094+0.0004i	-0.0001+0.0000i	0.0003-0.0002i
4.4	0.2575-0.0016i	0.2566-0.0004i	0.6456-0.0066i	-0.0950+0.0037i	0.0073-0.0004i	-0.0089+0.0005i	0.0003+0.0002i	0.0009-0.0001i
4.5	0.2627-0.0011i	0.2553+0.0000i	0.6463-0.0075i	-0.0952+0.0037i	0.0077-0.0004i	-0.0084+0.0006i	0.0012+0.0001i	0.0011-0.0001i
4.6	0.2642-0.0009i	0.2546-0.0008i	0.6456-0.0087i	-0.0958+0.0049i	0.0080-0.0005i	-0.0080+0.0006i	0.0018-0.0001i	0.0012-0.0003i
4.7	0.2679-0.0068i	0.2521+0.0026i	0.6461-0.0082i	-0.0942+0.0058i	0.0086-0.0013i	-0.0074-0.0003i	0.0027-0.0014i	0.0018-0.0012i
4.8	0.2665-0.0086i	0.2558+0.0047i	0.6464-0.0047i	-0.0915+0.0005i	0.0071-0.0016i	-0.0091-0.0007i	0.0003-0.0017i	0.0003-0.0014i
4.9	0.2673-0.0000i	0.2551+0.0016i	0.6463+0.0006i	-0.0914-0.0031i	0.0073-0.0002i	-0.0088+0.0008i	0.0009+0.0001i	-0.0003+0.0006i
5.0	0.2737-0.0034i	0.2564+0.0102i	0.6708+0.0122i	-0.1019-0.0085i	0.0085-0.0012i	-0.0078-0.0002i	0.0024-0.0013i	0.0019-0.0005i
5.1	0.2744-0.0056i	0.2604+0.0080i	0.6806+0.0061i	-0.1073-0.0023i	0.0081-0.0016i	-0.0084-0.0008i	0.0014-0.0018i	0.0016-0.0015i
5.2	0.2756-0.0007i	0.2587+0.0007i	0.6806+0.0008i	-0.1041-0.0006i	0.0079-0.0000i	-0.0084+0.0009i	0.0012+0.0008i	-0.0000+0.0011i
5.3	0.2859+0.0054i	0.2522-0.0048i	0.6787+0.0015i	-0.0986-0.0045i	0.0099+0.0019i	-0.0062+0.0030i	0.0039+0.0033i	0.0018+0.0038i
5.4	0.3102-0.0128i	0.2400+0.0119i	0.6957+0.0193i	-0.1084-0.0135i	0.0142-0.0013i	-0.0020-0.0005i	0.0106-0.0023i	0.0104-0.0009i
5.5	0.2987-0.0247i	0.2524+0.0212i	0.7210+0.0105i	-0.1197-0.0123i	0.0125-0.0047i	-0.0044-0.0041i	0.0078-0.0066i	0.0086-0.0054i
5.6	0.3012-0.0230i	0.2583+0.0169i	0.7273-0.0004i	-0.1214-0.0078i	0.0120-0.0049i	-0.0050-0.0041i	0.0067-0.0066i	0.0077-0.0055i

5.7	0.3063-0.0237i	0.2572+0.0175i	0.7274-0.0043i	-0.1185-0.0042i	0.0121-0.0049i	-0.0044-0.0038i	0.0071-0.0067i	0.0079-0.0060i
5.8	0.3107-0.0263i	0.2590+0.0178i	0.7332-0.0053i	-0.1175-0.0040i	0.0121-0.0054i	-0.0046-0.0043i	0.0070-0.0074i	0.0076-0.0073i
5.9	0.3143-0.0278i	0.2626+0.0180i	0.7403-0.0067i	-0.1176-0.0041i	0.0118-0.0057i	-0.0050-0.0045i	0.0062-0.0076i	0.0069-0.0075i
6.0	0.3201-0.0272i	0.2629+0.0167i	0.7470-0.0068i	-0.1166-0.0049i	0.0122-0.0054i	-0.0047-0.0040i	0.0066-0.0071i	0.0073-0.0068i
6.1	0.3323-0.0294i	0.2621+0.0161i	0.7593-0.0074i	-0.1162-0.0061i	0.0134-0.0055i	-0.0036-0.0041i	0.0082-0.0071i	0.0091-0.0069i
6.2	0.3455-0.0346i	0.2607+0.0175i	0.7724-0.0100i	-0.1162-0.0080i	0.0144-0.0062i	-0.0026-0.0048i	0.0096-0.0081i	0.0107-0.0083i
6.3	0.3612-0.0368i	0.2596+0.0167i	0.7863-0.0125i	-0.1142-0.0083i	0.0158-0.0064i	-0.0014-0.0049i	0.0113-0.0085i	0.0125-0.0085i
6.4	0.3807-0.0451i	0.2573+0.0186i	0.8017-0.0186i	-0.1089-0.0107i	0.0176-0.0076i	0.0004-0.0060i	0.0136-0.0099i	0.0151-0.0101i
6.5	0.3987-0.0552i	0.2546+0.0209i	0.8149-0.0250i	-0.1056-0.0141i	0.0192-0.0088i	0.0018-0.0071i	0.0156-0.0114i	0.0172-0.0116i
6.6	0.4317-0.0705i	0.2491+0.0257i	0.8366-0.0316i	-0.0961-0.0184i	0.0223-0.0110i	0.0045-0.0090i	0.0196-0.0142i	0.0217-0.0148i
6.7	0.4710-0.0948i	0.2421+0.0329i	0.8599-0.0415i	-0.0823-0.0265i	0.0258-0.0143i	0.0078-0.0120i	0.0242-0.0185i	0.0267-0.0198i
6.8	0.5274-0.1427i	0.2348+0.0453i	0.8931-0.0624i	-0.0601-0.0448i	0.0306-0.0200i	0.0122-0.0171i	0.0303-0.0259i	0.0330-0.0278i
6.9	0.5910-0.2277i	0.2273+0.0667i	0.9286-0.0989i	-0.0338-0.0791i	0.0358-0.0298i	0.0173-0.0260i	0.0370-0.0388i	0.0401-0.0417i
7.0	0.6605-0.4127i	0.2225+0.1133i	0.9727-0.1795i	-0.0030-0.1539i	0.0402-0.0503i	0.0216-0.0451i	0.0424-0.0658i	0.0460-0.0709i
7.1	0.5344-0.7045i	0.2685+0.1742i	0.9373-0.3154i	-0.0526-0.2791i	0.0217-0.0794i	0.0046-0.0721i	0.0176-0.1033i	0.0192-0.1116i
7.2	0.1388-0.8232i	0.3621+0.1775i	0.7650-0.3878i	-0.2196-0.3393i	-0.0214-0.0846i	-0.0353-0.0771i	-0.0382-0.1090i	-0.0416-0.1180i
7.3	-0.1222-0.7393i	0.4166+0.1511i	0.6446-0.3494i	-0.3331-0.3114i	-0.0465-0.0720i	-0.0586-0.0658i	-0.0705-0.0926i	-0.0765-0.1003i
7.4	-0.3349-0.4933i	0.4645+0.0924i	0.5629-0.2296i	-0.4339-0.2191i	-0.0661-0.0445i	-0.0772-0.0406i	-0.0961-0.0570i	-0.1040-0.0617i
7.5	-0.3285-0.2502i	0.4592+0.0312i	0.5798-0.1264i	-0.4474-0.1194i	-0.0632-0.0186i	-0.0747-0.0165i	-0.0922-0.0229i	-0.0996-0.0249i
7.6	-0.1844-0.1285i	0.4229+0.0042i	0.6516-0.0768i	-0.4003-0.0626i	-0.0466-0.0067i	-0.0596-0.0053i	-0.0704-0.0073i	-0.0763-0.0077i
7.7	-0.1300-0.0989i	0.4123+0.0012i	0.6825-0.0621i	-0.3814-0.0482i	-0.0407-0.0044i	-0.0542-0.0031i	-0.0627-0.0043i	-0.0680-0.0045i
7.8	-0.0974-0.0956i	0.4132+0.0060i	0.7116-0.0593i	-0.3713-0.0413i	-0.0378-0.0048i	-0.0516-0.0034i	-0.0589-0.0048i	-0.0639-0.0052i
7.9	-0.0967-0.0851i	0.4229+0.0014i	0.7259-0.0579i	-0.3721-0.0369i	-0.0381-0.0034i	-0.0521-0.0020i	-0.0593-0.0027i	-0.0644-0.0031i
8.0	-0.0945-0.0522i	0.4317-0.0141i	0.7393-0.0501i	-0.3724-0.0267i	-0.0382+0.0010i	-0.0524+0.0023i	-0.0592+0.0032i	-0.0645+0.0031i
8.1	-0.0759-0.0334i	0.4374-0.0260i	0.7654-0.0487i	-0.3703-0.0208i	-0.0369+0.0035i	-0.0511+0.0048i	-0.0573+0.0067i	-0.0626+0.0069i
8.2	-0.0712-0.0115i	0.4440-0.0379i	0.7821-0.0429i	-0.3744-0.0167i	-0.0363+0.0064i	-0.0507+0.0077i	-0.0565+0.0105i	-0.0619+0.0111i
8.3	-0.0623+0.0056i	0.4464-0.0467i	0.7963-0.0393i	-0.3771-0.0130i	-0.0351+0.0085i	-0.0495+0.0098i	-0.0548+0.0133i	-0.0604+0.0141i
8.4	-0.0504+0.0202i	0.4486-0.0578i	0.8137-0.0387i	-0.3790-0.0096i	-0.0335+0.0105i	-0.0483+0.0118i	-0.0527+0.0159i	-0.0582+0.0166i
8.5	-0.0483+0.0338i	0.4604-0.0689i	0.8370-0.0363i	-0.3841-0.0077i	-0.0339+0.0121i	-0.0489+0.0133i	-0.0530+0.0178i	-0.0592+0.0190i
8.6	-0.0467+0.0457i	0.4707-0.0803i	0.8556-0.0399i	-0.3885-0.0047i	-0.0343+0.0136i	-0.0492+0.0148i	-0.0534+0.0198i	-0.0594+0.0215i
8.7	-0.0520+0.0616i	0.4909-0.0984i	0.8779-0.0429i	-0.3936-0.0038i	-0.0361+0.0163i	-0.0510+0.0175i	-0.0558+0.0233i	-0.0617+0.0255i
8.8	-0.0637+0.0849i	0.5147-0.1261i	0.8973-0.0452i	-0.3963-0.0070i	-0.0387+0.0202i	-0.0536+0.0216i	-0.0593+0.0287i	-0.0653+0.0313i
8.9	-0.0735+0.1315i	0.5396-0.1836i	0.9222-0.0532i	-0.4020-0.0161i	-0.0413+0.0285i	-0.0563+0.0298i	-0.0625+0.0397i	-0.0691+0.0435i
9.0	-0.0721+0.1756i	0.5458-0.2408i	0.9400-0.0632i	-0.4095-0.0235i	-0.0413+0.0363i	-0.0562+0.0377i	-0.0624+0.0503i	-0.0690+0.0548i
9.1	-0.0521+0.2112i	0.5354-0.2907i	0.9600-0.0766i	-0.4205-0.0278i	-0.0391+0.0427i	-0.0540+0.0441i	-0.0593+0.0586i	-0.0656+0.0640i
9.2	-0.0695+0.2751i	0.5657-0.3818i	0.9827-0.0946i	-0.4247-0.0425i	-0.0430+0.0554i	-0.0577+0.0567i	-0.0645+0.0757i	-0.0713+0.0826i
9.3	0.0320+0.4069i	0.4322-0.5639i	0.9785-0.1318i	-0.4597-0.0704i	-0.0231+0.0802i	-0.0379+0.0812i	-0.0375+0.1090i	-0.0423+0.1180i
9.4	0.2128+0.4496i	0.1899-0.6243i	0.9557-0.1453i	-0.5152-0.0826i	0.0116+0.0878i	-0.0033+0.0882i	0.0097+0.1186i	0.0087+0.1278i
9.5	0.3488+0.3835i	0.0081-0.5349i	0.9387-0.1309i	-0.5583-0.0696i	0.0370+0.0745i	0.0218+0.0745i	0.0440+0.1004i	0.0450+0.1080i
9.6	0.3994+0.2529i	-0.0577-0.3571i	0.9492-0.1010i	-0.5898-0.0396i	0.0457+0.0491i	0.0300+0.0493i	0.0556+0.0661i	0.0569+0.0710i
9.7	0.3877+0.1565i	-0.0382-0.2260i	0.9789-0.0809i	-0.6089-0.0141i	0.0428+0.0305i	0.0268+0.0311i	0.0514+0.0411i	0.0519+0.0448i
9.8	0.3634+0.1072i	-0.0010-0.1585i	1.0098-0.0766i	-0.6223+0.0028i	0.0373+0.0213i	0.0212+0.0222i	0.0441+0.0284i	0.0434+0.0317i
9.9	0.3393+0.0779i	0.0344-0.1172i	1.0378-0.0752i	-0.6347+0.0159i	0.0323+0.0157i	0.0159+0.0166i	0.0373+0.0206i	0.0360+0.0239i
10.0	0.3190+0.0594i	0.0663-0.0937i	1.0668-0.0762i	-0.6505+0.0252i	0.0280+0.0122i	0.0116+0.0133i	0.0314+0.0159i	0.0297+0.0191i
10.1	0.3028+0.0464i	0.0923-0.0768i	1.0976-0.0802i	-0.6685+0.0332i	0.0245+0.0098i	0.0081+0.0110i	0.0268+0.0125i	0.0246+0.0156i
10.2	0.2901+0.0383i	0.1134-0.0689i	1.1291-0.0828i	-0.6876+0.0358i	0.0215+0.0086i	0.0050+0.0099i	0.0228+0.0109i	0.0203+0.0142i
10.3	0.2806+0.0367i	0.1258-0.0691i	1.1528-0.0933i	-0.7060+0.0419i	0.0194+0.0086i	0.0030+0.0099i	0.0203+0.0107i	0.0175+0.0141i
10.4	0.2764+0.0340i	0.1294-0.0682i	1.1721-0.1014i	-0.7261+0.0468i	0.0187+0.0087i	0.0023+0.0100i	0.0194+0.0105i	0.0161+0.0142i
10.5	0.2733+0.0291i	0.1303-0.0616i	1.2001-0.0993i	-0.7540+0.0484i	0.0184+0.0080i	0.0017+0.0094i	0.0189+0.0096i	0.0154+0.0136i
10.6	0.2710+0.0262i	0.1321-0.0545i	1.2329-0.0963i	-0.7845+0.0511i	0.0182+0.0070i	0.0014+0.0086i	0.0187+0.0085i	0.0148+0.0122i
10.7	0.2675+0.0213i	0.1366-0.0438i	1.2730-0.0999i	-0.8216+0.0606i	0.0176+0.0057i	0.0010+0.0073i	0.0181+0.0063i	0.0135+0.0109i
10.8	0.2637+0.0165i	0.1441-0.0333i	1.3075-0.0942i	-0.8519+0.0605i	0.0167+0.0044i	0.0001+0.0062i	0.0170+0.0045i	0.0118+0.0092i
10.9	0.2581+0.0111i	0.1549-0.0254i	1.3543-0.0987i	-0.8890+0.0682i	0.0154+0.0038i	-0.0013+0.0055i	0.0154+0.0032i	0.0100+0.0081i
11.0	0.2543+0.0100i	0.1622-0.0232i	1.3942-0.1103i	-0.9206+0.0807i	0.0143+0.0036i	-0.0023+0.0054i	0.0143+0.0026i	0.0082+0.0086i
11.1	0.2511+0.0083i	0.1690-0.0216i	1.4516-0.1190i	-0.9710+0.0899i	0.0134+0.0032i	-0.0035+0.0051i	0.0133+0.0018i	0.0064+0.0090i
11.2	0.2475+0.0083i	0.1740-0.0202i	1.5035-0.1246i	-1.0178+0.0955i	0.0129+0.0031i	-0.0045+0.0050i	0.0126+0.0011i	0.0060+0.0092i
11.3	0.2466+0.0096i	0.1800-0.0176i	1.5547-0.1349i	-1.0639+0.1054i	0.0125+0.0029i	-0.0050+0.0051i	0.0120+0.0003i	0.0054+0.0093i
11.4	0.2472+0.0081i	0.1843-0.0148i	1.6281-0.1461i	-1.1309+0.1173i	0.0121+0.0027i	-0.0054+0.0051i	0.0113-0.0006i	0.0049+0.0093i
11.5	0.2454+0.0059i	0.1875-0.0136i	1.6840-0.1518i	-1.1820+0.1236i	0.0116+0.0025i	-0.0058+0.0050i	0.0105-0.0009i	0.0041+0.0092i
11.6	0.2427+0.0075i	0.1925-0.0142i	1.7636-0.1604i	-1.2551+0.1333i	0.0110+0.0025i	-0.0067+0.0050i	0.0098-0.0010i	0.0028+0.0098i
11.7	0.2451+0.0071i	0.1954-0.0114i	1.8492-0.1843i	-1.3316+0.1548i	0.0109+0.0023i	-0.0071+0.0049i	0.0095-0.0017i	0.0021+0.0099i
11.8	0.2450+0.0077i	0.1971-0.0117i	1.9394-0.2037i	-1.4129+0.1729i	0.0105+0.0025i	-0.0077+0.0050i	0.0096-0.0021i	0.0008+0.0103i
11.9	0.2448+0.0106i	0.2002-0.0167i	2.0731-0.2398i	-1.5378+0.2053i	0.0102+0.0032i	-0.0082+0.0058i	0.0096-0.0022i	-0.0006+0.0114i

12.0	0.2469+0.0103i	0.2007-0.0148i	2.1873-0.2737i	-1.6441+0.2373i	0.0102+0.0029i	-0.0086+0.0061i	0.0096-0.0031i	-0.0010+0.0126i
12.1	0.2502+0.0128i	0.1995-0.0175i	2.3160-0.3031i	-1.7662+0.2631i	0.0102+0.0032i	-0.0089+0.0069i	0.0102-0.0040i	-0.0017+0.0148i
12.2	0.2518+0.0128i	0.1998-0.0214i	2.4487-0.3555i	-1.8918+0.3100i	0.0101+0.0037i	-0.0092+0.0076i	0.0106-0.0051i	-0.0025+0.0176i
12.3	0.2561+0.0100i	0.1953-0.0187i	2.6200-0.4723i	-2.0555+0.4184i	0.0108+0.0042i	-0.0089+0.0086i	0.0116-0.0070i	-0.0020+0.0212i
12.4	0.2687+0.0127i	0.1812-0.0190i	2.8059-0.5820i	-2.2324+0.5202i	0.0123+0.0049i	-0.0078+0.0096i	0.0132-0.0095i	0.0000+0.0259i
12.5	0.2850+0.0154i	0.1625-0.0197i	3.0471-0.7396i	-2.4661+0.6676i	0.0144+0.0054i	-0.0059+0.0105i	0.0144-0.0135i	0.0050+0.0316i
12.6	0.3020+0.0077i	0.1429-0.0074i	3.2878-0.9320i	-2.6992+0.8509i	0.0170+0.0045i	-0.0035+0.0108i	0.0142-0.0188i	0.0121+0.0359i
12.7	0.3204-0.0005i	0.1252+0.0089i	3.4939-1.1169i	-2.9018+1.0308i	0.0194+0.0032i	-0.0012+0.0102i	0.0120-0.0240i	0.0205+0.0378i
12.8	0.3340-0.0221i	0.1151+0.0370i	3.6753-1.4121i	-3.0734+1.3194i	0.0212+0.0004i	0.0007+0.0082i	0.0073-0.0280i	0.0309+0.0345i
12.9	0.3596-0.0381i	0.0967+0.0570i	3.9447-1.6703i	-3.3290+1.5701i	0.0243-0.0019i	0.0034+0.0069i	0.0044-0.0295i	0.0406+0.0299i
13.0	0.3862-0.0719i	0.0764+0.0963i	4.3332-2.0663i	-3.6996+1.9494i	0.0269-0.0062i	0.0059+0.0041i	0.0015-0.0321i	0.0509+0.0216i
13.1	0.4241-0.1056i	0.0446+0.1379i	4.8110-2.5379i	-4.1577+2.4010i	0.0315-0.0105i	0.0100+0.0007i	0.0018-0.0350i	0.0615+0.0134i
13.2	0.4923-0.1823i	-0.0155+0.2233i	5.4757-3.3763i	-4.7969+3.2054i	0.0391-0.0197i	0.0170-0.0064i	0.0056-0.0426i	0.0772-0.0026i
13.3	0.5529-0.3190i	-0.0690+0.3694i	5.9413-4.6623i	-5.2446+4.4408i	0.0462-0.0359i	0.0241-0.0193i	0.0085-0.0579i	0.0911-0.0277i
13.4	0.6242-0.6142i	-0.1198+0.6853i	6.3363-7.3126i	-5.6259+6.9886i	0.0534-0.0712i	0.0330-0.0486i	0.0075-0.0923i	0.1083-0.0807i
13.5	0.4333-0.8866i	0.1086+0.9616i	4.8098-9.6903i	-4.1580+9.2808i	0.0296-0.1034i	0.0145-0.0762i	-0.0254-0.1181i	0.0824-0.1333i
13.6	-0.2227-1.2279i	0.8251+1.2724i	-0.1606-11.9410i	0.6294+11.4560i	-0.0478-0.1405i	-0.0496-0.1127i	-0.1125-0.1381i	-0.0208-0.2025i
13.7	-0.9429-0.9707i	1.5587+0.9572i	-4.4239-9.7169i	4.7464+9.3173i	-0.1293-0.1083i	-0.1235-0.0901i	-0.1902-0.0902i	-0.1441-0.1705i
13.8	-1.2660-0.5188i	1.8695+0.4662i	-5.6361-6.6920i	5.9291+6.3984i	-0.1647-0.0555i	-0.1593-0.0450i	-0.2184-0.0293i	-0.2031-0.1004i
13.9	-1.3682-0.0414i	1.9537-0.0345i	-5.3700-4.4722i	5.6813+4.2458i	-0.1751-0.0009i	-0.1726+0.0050i	-0.2228+0.0306i	-0.2236-0.0250i
14.0	-1.3620+0.3051i	1.9321-0.3909i	-4.7604-3.4645i	5.0921+3.2645i	-0.1732+0.0380i	-0.1728+0.0426i	-0.2180+0.0733i	-0.2227+0.0286i
14.1	-1.2520+0.8187i	1.8026-0.9101i	-4.1077-2.7741i	4.4518+2.5861i	-0.1595+0.0943i	-0.1608+0.0983i	-0.1998+0.1370i	-0.2052+0.1035i
14.2	-0.9768+1.5293i	1.5086-1.6208i	-3.6118-2.1578i	3.9650+1.9877i	-0.1276+0.1710i	-0.1304+0.1745i	-0.1586+0.2245i	-0.1655+0.2041i
14.3	-0.3122+2.0962i	0.8363-2.1846i	-3.3142-1.7877i	3.6719+1.6300i	-0.0551+0.2311i	-0.0582+0.2341i	-0.0702+0.2935i	-0.0735+0.2815i
14.4	0.6165+1.9903i	-0.0907-2.0763i	-3.0779-1.5313i	3.4425+1.3864i	0.0439+0.2187i	0.0408+0.2209i	0.0480+0.2754i	0.0509+0.2658i
14.5	1.2486+1.4841i	-0.7189-1.5732i	-2.8578-1.2842i	3.2331+1.1492i	0.1103+0.1643i	0.1069+0.1656i	0.1263+0.2076i	0.1338+0.1980i
14.6	1.3148+0.8072i	-0.7820-0.9103i	-2.5586-1.1240i	2.9505+0.9841i	0.1157+0.0934i	0.1114+0.0941i	0.1309+0.1221i	0.1403+0.1100i
14.7	1.1926+0.3193i	-0.6684-0.4458i	-2.3426-1.0579i	2.7359+0.8977i	0.1026+0.0445i	0.0972+0.0446i	0.1131+0.0640i	0.1246+0.0493i
14.8	1.0515+0.0506i	-0.5498-0.1976i	-2.2493-1.0397i	2.6235+0.8594i	0.0891+0.0186i	0.0833+0.0183i	0.0951+0.0347i	0.1097+0.0168i
14.9	0.8415-0.0742i	-0.3766-0.0754i	-2.2212-0.9830i	2.5603+0.8017i	0.0704+0.0068i	0.0642+0.0066i	0.0722+0.0250i	0.0883-0.0009i
15.0	0.6119-0.0770i	-0.1792-0.0454i	-2.1779-0.8188i	2.4824+0.6748i	0.0501+0.0055i	0.0438+0.0049i	0.0562+0.0255i	0.0566-0.0052i
15.1	0.5016-0.0500i	-0.0800-0.0419i	-2.1213-0.6281i	2.4185+0.5268i	0.0413+0.0065i	0.0344+0.0050i	0.0490+0.0225i	0.0435-0.0003i
15.2	0.4552-0.0187i	-0.0330-0.0496i	-2.0240-0.4931i	2.3306+0.4208i	0.0379+0.0071i	0.0302+0.0053i	0.0455+0.0209i	0.0388+0.0010i
15.3	0.4353+0.0082i	-0.0021-0.0595i	-1.8539-0.3724i	2.1816+0.3213i	0.0354+0.0065i	0.0271+0.0050i	0.0428+0.0175i	0.0353+0.0019i
15.4	0.4325+0.0252i	0.0107-0.0688i	-1.6971-0.2935i	2.0445+0.2552i	0.0338+0.0062i	0.0251+0.0048i	0.0398+0.0147i	0.0334+0.0030i
15.5	0.4336+0.0336i	0.0176-0.0709i	-1.5747-0.2458i	1.9379+0.2173i	0.0327+0.0060i	0.0236+0.0047i	0.0374+0.0130i	0.0323+0.0033i
15.6	0.4265+0.0313i	0.0308-0.0660i	-1.4797-0.2070i	1.8539+0.1822i	0.0310+0.0052i	0.0216+0.0038i	0.0348+0.0115i	0.0305+0.0030i
15.7	0.4172+0.0238i	0.0504-0.0567i	-1.3736-0.2008i	1.7597+0.1776i	0.0286+0.0043i	0.0189+0.0031i	0.0314+0.0100i	0.0272+0.0023i
15.8	0.4147+0.0121i	0.0583-0.0428i	-1.2873-0.1743i	1.6847+0.1548i	0.0275+0.0028i	0.0176+0.0015i	0.0293+0.0074i	0.0259+0.0013i
15.9	0.4078+0.0077i	0.0711-0.0404i	-1.2092-0.1822i	1.6170+0.1601i	0.0259+0.0027i	0.0161+0.0016i	0.0267+0.0070i	0.0249+0.0016i
16.0	0.3990+0.0022i	0.0864-0.0364i	-1.1400-0.1791i	1.5583+0.1545i	0.0240+0.0023i	0.0140+0.0014i	0.0239+0.0066i	0.0227+0.0012i
16.1	0.3909+0.0037i	0.0973-0.0394i	-1.0931-0.1708i	1.5183+0.1470i	0.0230+0.0026i	0.0127+0.0016i	0.0223+0.0068i	0.0216+0.0017i
16.2	0.3822+0.0055i	0.1076-0.0410i	-1.0419-0.1678i	1.4693+0.1428i	0.0217+0.0027i	0.0115+0.0016i	0.0203+0.0070i	0.0204+0.0018i
16.3	0.3797+0.0073i	0.1138-0.0420i	-0.9977-0.1649i	1.4297+0.1397i	0.0209+0.0025i	0.0104+0.0015i	0.0188+0.0069i	0.0194+0.0014i
16.4	0.3801+0.0063i	0.1210-0.0408i	-0.9428-0.1562i	1.3864+0.1328i	0.0200+0.0028i	0.0096+0.0016i	0.0174+0.0071i	0.0187+0.0016i
16.5	0.3774+0.0028i	0.1273-0.0393i	-0.9041-0.1573i	1.3547+0.1316i	0.0191+0.0028i	0.0087+0.0018i	0.0160+0.0077i	0.0181+0.0015i
16.6	0.3776-0.0023i	0.1316-0.0369i	-0.8740-0.1682i	1.3304+0.1406i	0.0186+0.0026i	0.0081+0.0018i	0.0158+0.0088i	0.0172+0.0005i
16.7	0.3792-0.0105i	0.1347-0.0338i	-0.8436-0.1768i	1.3084+0.1446i	0.0184+0.0025i	0.0076+0.0015i	0.0159+0.0087i	0.0160+0.0012i
16.8	0.3766-0.0224i	0.1406-0.0294i	-0.8202-0.1725i	1.2886+0.1319i	0.0183+0.0026i	0.0072+0.0014i	0.0162+0.0079i	0.0151+0.0023i
16.9	0.3682-0.0240i	0.1465-0.0289i	-0.8016-0.1511i	1.2697+0.1085i	0.0180+0.0026i	0.0070+0.0012i	0.0161+0.0072i	0.0149+0.0028i
17.0	0.3642-0.0200i	0.1495-0.0301i	-0.7746-0.1453i	1.2461+0.1040i	0.0173+0.0024i	0.0065+0.0013i	0.0151+0.0068i	0.0142+0.0023i
17.1	0.3655-0.0221i	0.1535-0.0291i	-0.7543-0.1399i	1.2330+0.0950i	0.0162+0.0024i	0.0054+0.0012i	0.0132+0.0067i	0.0134+0.0024i
17.2	0.3616-0.0328i	0.1594-0.0261i	-0.7190-0.1201i	1.2007+0.0665i	0.0158+0.0029i	0.0048+0.0017i	0.0124+0.0075i	0.0129+0.0038i
17.3	0.3587-0.0387i	0.1625-0.0256i	-0.6910-0.1181i	1.1706+0.0607i	0.0157+0.0029i	0.0049+0.0017i	0.0122+0.0081i	0.0130+0.0043i
17.4	0.3551-0.0363i	0.1664-0.0276i	-0.6731-0.1259i	1.1520+0.0695i	0.0157+0.0033i	0.0050+0.0018i	0.0129+0.0084i	0.0129+0.0042i
17.5	0.3494-0.0332i	0.1723-0.0287i	-0.6598-0.1237i	1.1399+0.0663i	0.0149+0.0031i	0.0040+0.0017i	0.0118+0.0080i	0.0126+0.0037i
17.6	0.3492-0.0360i	0.1744-0.0289i	-0.6394-0.1213i	1.1215+0.0591i	0.0144+0.0035i	0.0034+0.0019i	0.0110+0.0085i	0.0126+0.0046i
17.7	0.3453-0.0413i	0.1781-0.0312i	-0.6133-0.1237i	1.0982+0.0578i	0.0141+0.0040i	0.0030+0.0024i	0.0109+0.0094i	0.0120+0.0060i
17.8	0.3409-0.0439i	0.1827-0.0329i	-0.5973-0.1315i	1.0833+0.0625i	0.0139+0.0043i	0.0029+0.0027i	0.0104+0.0098i	0.0124+0.0063i
17.9	0.3372-0.0428i	0.1817-0.0366i	-0.5887-0.1356i	1.0709+0.0638i	0.0142+0.0054i	0.0031+0.0034i	0.0110+0.0107i	0.0127+0.0077i
18.0	0.3312-0.0435i	0.1845-0.0388i	-0.5825-0.1316i	1.0629+0.0618i	0.0145+0.0055i	0.0031+0.0035i	0.0116+0.0106i	0.0130+0.0076i
18.1	0.3245-0.0428i	0.1886-0.0386i	-0.5808-0.1225i	1.0587+0.0523i	0.0149+0.0056i	0.0030+0.0036i	0.0122+0.0107i	0.0137+0.0073i
18.2	0.3221-0.0385i	0.1895-0.0368i	-0.5723-0.1116i	1.0490+0.0455i	0.0153+0.0051i	0.0035+0.0031i	0.0129+0.0097i	0.0145+0.0068i

18.3	0.3212−0.0337i	0.1916−0.0346i	−0.5553−0.1022i	1.0353+0.0440i	0.0155+0.0043i	0.0036+0.0025i	0.0132+0.0084i	0.0152+0.0054i
18.4	0.3234−0.0274i	0.1972−0.0328i	−0.5407−0.0924i	1.0272+0.0417i	0.0151+0.0037i	0.0030+0.0022i	0.0122+0.0071i	0.0144+0.0049i
18.5	0.3319−0.0186i	0.2082−0.0315i	−0.5165−0.0770i	1.0218+0.0390i	0.0137+0.0027i	0.0019+0.0015i	0.0103+0.0052i	0.0124+0.0033i
18.6	0.3495−0.0257i	0.2188−0.0455i	−0.4851−0.0894i	1.0237+0.0338i	0.0114+0.0036i	0.0000+0.0025i	0.0064+0.0068i	0.0091+0.0049i
18.7	0.3515−0.0443i	0.2149−0.0606i	−0.4827−0.1130i	1.0209+0.0210i	0.0113+0.0062i	−0.0000+0.0044i	0.0059+0.0108i	0.0087+0.0084i
18.8	0.3397−0.0551i	0.2072−0.0621i	−0.4894−0.1150i	1.0104+0.0077i	0.0122+0.0070i	0.0006+0.0051i	0.0075+0.0120i	0.0100+0.0099i
18.9	0.3345−0.0599i	0.2053−0.0620i	−0.4884−0.1106i	0.9999−0.0022i	0.0126+0.0073i	0.0009+0.0054i	0.0085+0.0120i	0.0106+0.0110i
19.0	0.3280−0.0609i	0.2049−0.0650i	−0.4871−0.1047i	0.9905−0.0116i	0.0130+0.0080i	0.0012+0.0058i	0.0091+0.0122i	0.0116+0.0131i
19.1	0.3238−0.0577i	0.2044−0.0666i	−0.4849−0.0954i	0.9799−0.0192i	0.0136+0.0083i	0.0013+0.0063i	0.0094+0.0124i	0.0128+0.0135i
19.2	0.3205−0.0570i	0.2056−0.0674i	−0.4786−0.0887i	0.9697−0.0261i	0.0138+0.0084i	0.0016+0.0064i	0.0089+0.0124i	0.0134+0.0136i
19.3	0.3184−0.0576i	0.2044−0.0696i	−0.4671−0.0845i	0.9558−0.0328i	0.0139+0.0089i	0.0019+0.0068i	0.0090+0.0125i	0.0144+0.0151i
19.4	0.3179−0.0607i	0.2020−0.0706i	−0.4596−0.0811i	0.9472−0.0391i	0.0142+0.0089i	0.0020+0.0070i	0.0091+0.0124i	0.0154+0.0162i
19.5	0.3154−0.0608i	0.1990−0.0730i	−0.4552−0.0788i	0.9380−0.0474i	0.0148+0.0093i	0.0029+0.0071i	0.0093+0.0128i	0.0174+0.0170i
19.6	0.3108−0.0603i	0.1940−0.0735i	−0.4477−0.0720i	0.9198−0.0528i	0.0156+0.0094i	0.0036+0.0072i	0.0093+0.0129i	0.0200+0.0171i
19.7	0.3077−0.0589i	0.1926−0.0716i	−0.4429−0.0674i	0.9115−0.0520i	0.0160+0.0091i	0.0040+0.0070i	0.0089+0.0126i	0.0218+0.0158i
19.8	0.3039−0.0578i	0.1925−0.0715i	−0.4358−0.0581i	0.8991−0.0590i	0.0163+0.0093i	0.0043+0.0069i	0.0084+0.0131i	0.0233+0.0160i
19.9	0.3020−0.0542i	0.1936−0.0704i	−0.4332−0.0513i	0.8947−0.0634i	0.0164+0.0093i	0.0045+0.0068i	0.0082+0.0133i	0.0249+0.0160i
20.0	0.3048−0.0520i	0.1915−0.0720i	−0.4257−0.0452i	0.8855−0.0650i	0.0171+0.0093i	0.0049+0.0067i	0.0076+0.0136i	0.0275+0.0152i
20.1	0.3040−0.0525i	0.1920−0.0738i	−0.4197−0.0419i	0.8794−0.0666i	0.0174+0.0097i	0.0052+0.0070i	0.0063+0.0149i	0.0296+0.0144i
20.2	0.3039−0.0518i	0.1935−0.0752i	−0.4111−0.0392i	0.8739−0.0695i	0.0174+0.0099i	0.0053+0.0072i	0.0056+0.0167i	0.0303+0.0126i
20.3	0.3037−0.0526i	0.1926−0.0755i	−0.4052−0.0356i	0.8679−0.0732i	0.0177+0.0098i	0.0056+0.0071i	0.0056+0.0182i	0.0312+0.0107i
20.4	0.3038−0.0529i	0.1900−0.0772i	−0.4025−0.0307i	0.8625−0.0761i	0.0183+0.0097i	0.0061+0.0069i	0.0066+0.0200i	0.0325+0.0088i
20.5	0.3010−0.0509i	0.1891−0.0781i	−0.4028−0.0266i	0.8558−0.0805i	0.0187+0.0096i	0.0065+0.0066i	0.0067+0.0217i	0.0345+0.0064i
20.6	0.3000−0.0493i	0.1909−0.0777i	−0.3961−0.0182i	0.8496−0.0849i	0.0189+0.0093i	0.0065+0.0065i	0.0065+0.0232i	0.0349+0.0035i
20.7	0.2991−0.0495i	0.1872−0.0748i	−0.3889−0.0091i	0.8434−0.0875i	0.0194+0.0088i	0.0069+0.0058i	0.0081+0.0248i	0.0343+0.0003i
20.8	0.2994−0.0503i	0.1841−0.0755i	−0.3811−0.0049i	0.8358−0.0926i	0.0196+0.0087i	0.0069+0.0053i	0.0100+0.0262i	0.0327−0.0018i
20.9	0.2991−0.0492i	0.1865−0.0761i	−0.3696+0.0027i	0.8290−0.0981i	0.0193+0.0087i	0.0066+0.0052i	0.0122+0.0283i	0.0300−0.0050i
21.0	0.2996−0.0484i	0.1875−0.0750i	−0.3605+0.0080i	0.8242−0.1014i	0.0192+0.0090i	0.0065+0.0053i	0.0142+0.0298i	0.0280−0.0066i
21.1	0.3015−0.0495i	0.1867−0.0775i	−0.3512+0.0122i	0.8186−0.1075i	0.0193+0.0096i	0.0065+0.0057i	0.0161+0.0317i	0.0264−0.0059i
21.2	0.3013−0.0499i	0.1883−0.0779i	−0.3425+0.0111i	0.8108−0.1127i	0.0198+0.0099i	0.0067+0.0063i	0.0189+0.0326i	0.0245−0.0052i
21.3	0.3030−0.0515i	0.1880−0.0824i	−0.3359+0.0079i	0.8035−0.1159i	0.0209+0.0104i	0.0076+0.0070i	0.0226+0.0332i	0.0239−0.0047i
21.4	0.3005−0.0549i	0.1821−0.0862i	−0.3339+0.0082i	0.7938−0.1219i	0.0221+0.0107i	0.0087+0.0071i	0.0267+0.0333i	0.0240−0.0041i
21.5	0.2979−0.0541i	0.1759−0.0871i	−0.3357+0.0109i	0.7872−0.1223i	0.0233+0.0101i	0.0099+0.0064i	0.0298+0.0305i	0.0238−0.0026i
21.6	0.2996−0.0557i	0.1730−0.0871i	−0.3352+0.0102i	0.7846−0.1186i	0.0237+0.0096i	0.0105+0.0060i	0.0320+0.0283i	0.0234−0.0017i
21.7	0.2984−0.0557i	0.1700−0.0844i	−0.3373+0.0102i	0.7814−0.1204i	0.0243+0.0091i	0.0113+0.0053i	0.0339+0.0266i	0.0239−0.0021i
21.8	0.2970−0.0515i	0.1685−0.0821i	−0.3359+0.0177i	0.7774−0.1231i	0.0242+0.0083i	0.0113+0.0045i	0.0353+0.0236i	0.0235−0.0018i
21.9	0.2934−0.0513i	0.1646−0.0815i	−0.3397+0.0268i	0.7746−0.1294i	0.0248+0.0075i	0.0118+0.0035i	0.0364+0.0212i	0.0247−0.0016i
22.0	0.2933−0.0532i	0.1642−0.0809i	−0.3441+0.0368i	0.7738−0.1363i	0.0252+0.0077i	0.0123+0.0029i	0.0369+0.0190i	0.0257−0.0004i
22.1	0.2917−0.0518i	0.1606−0.0783i	−0.3488+0.0459i	0.7712−0.1391i	0.0255+0.0070i	0.0124+0.0021i	0.0374+0.0167i	0.0261−0.0010i
22.2	0.2931−0.0507i	0.1567−0.0788i	−0.3450+0.0612i	0.7663−0.1490i	0.0259+0.0068i	0.0126+0.0017i	0.0380+0.0154i	0.0264−0.0013i
22.3	0.2949−0.0524i	0.1539−0.0776i	−0.3451+0.0833i	0.7640−0.1607i	0.0257+0.0064i	0.0129+0.0007i	0.0376+0.0135i	0.0268−0.0023i
22.4	0.2922−0.0520i	0.1533−0.0742i	−0.3316+0.1051i	0.7506−0.1763i	0.0257+0.0059i	0.0119−0.0003i	0.0367+0.0123i	0.0273−0.0039i
22.5	0.2924−0.0536i	0.1505−0.0688i	−0.3167+0.1287i	0.7403−0.1870i	0.0256+0.0049i	0.0111−0.0017i	0.0361+0.0095i	0.0270−0.0053i
22.6	0.2925−0.0522i	0.1494−0.0647i	−0.3019+0.1501i	0.7279−0.1966i	0.0258+0.0044i	0.0108−0.0028i	0.0354+0.0074i	0.0268−0.0062i
22.7	0.2888−0.0504i	0.1492−0.0594i	−0.2709+0.1682i	0.7035−0.2082i	0.0258+0.0042i	0.0096−0.0032i	0.0340+0.0071i	0.0262−0.0079i
22.8	0.2885−0.0462i	0.1516−0.0567i	−0.2317+0.1736i	0.6764−0.2080i	0.0254+0.0041i	0.0084−0.0032i	0.0329+0.0069i	0.0244−0.0080i
22.9	0.2856−0.0427i	0.1533−0.0504i	−0.1953+0.1737i	0.6492−0.2008i	0.0252+0.0040i	0.0075−0.0029i	0.0314+0.0069i	0.0232−0.0086i
23.0	0.2857−0.0398i	0.1548−0.0503i	−0.1634+0.1559i	0.6272−0.1848i	0.0256+0.0044i	0.0070−0.0014i	0.0310+0.0081i	0.0229−0.0075i
23.1	0.2876−0.0373i	0.1516−0.0489i	−0.1400+0.1348i	0.6093−0.1662i	0.0268+0.0038i	0.0074−0.0008i	0.0318+0.0082i	0.0236−0.0069i
23.2	0.2899−0.0313i	0.1535−0.0438i	−0.1280+0.1120i	0.6029−0.1456i	0.0270+0.0030i	0.0076−0.0006i	0.0321+0.0078i	0.0225−0.0071i
23.3	0.2919−0.0289i	0.1600−0.0389i	−0.1263+0.0954i	0.6047−0.1303i	0.0262+0.0027i	0.0074−0.0009i	0.0312+0.0073i	0.0213−0.0068i
23.4	0.2909−0.0270i	0.1640−0.0372i	−0.1213+0.0804i	0.6068−0.1113i	0.0262+0.0022i	0.0073−0.0008i	0.0310+0.0074i	0.0217−0.0074i
23.5	0.2960−0.0261i	0.1679−0.0360i	−0.1252+0.0646i	0.6134−0.0999i	0.0260+0.0017i	0.0074−0.0008i	0.0310+0.0074i	0.0209−0.0070i
23.6	0.3003−0.0258i	0.1693−0.0366i	−0.1270+0.0555i	0.6205−0.0926i	0.0257+0.0019i	0.0075−0.0006i	0.0312+0.0075i	0.0203−0.0065i
23.7	0.3036−0.0263i	0.1729−0.0361i	−0.1281+0.0506i	0.6275−0.0889i	0.0252+0.0017i	0.0073−0.0004i	0.0311+0.0072i	0.0203−0.0073i
23.8	0.3072−0.0246i	0.1752−0.0368i	−0.1315+0.0411i	0.6340−0.0832i	0.0253+0.0015i	0.0075−0.0001i	0.0314+0.0075i	0.0206−0.0061i
23.9	0.3094−0.0226i	0.1786−0.0389i	−0.1343+0.0359i	0.6420−0.0809i	0.0253+0.0021i	0.0078+0.0001i	0.0318+0.0082i	0.0200−0.0049i
24.0	0.3095−0.0221i	0.1818−0.0421i	−0.1370+0.0334i	0.6480−0.0777i	0.0251+0.0022i	0.0079+0.0003i	0.0319+0.0085i	0.0202−0.0038i
24.1	0.3115−0.0232i	0.1837−0.0435i	−0.1396+0.0317i	0.6526−0.0794i	0.0249+0.0023i	0.0081+0.0001i	0.0320+0.0084i	0.0202−0.0038i
24.2	0.3137−0.0229i	0.1854−0.0416i	−0.1452+0.0301i	0.6561−0.0810i	0.0246+0.0023i	0.0083+0.0005i	0.0320+0.0082i	0.0206−0.0040i
24.3	0.3170−0.0218i	0.1863−0.0432i	−0.1493+0.0311i	0.6616−0.0795i	0.0251+0.0025i	0.0087+0.0008i	0.0326+0.0081i	0.0212−0.0033i
24.4	0.3190−0.0209i	0.1865−0.0439i	−0.1503+0.0305i	0.6665−0.0803i	0.0251+0.0025i	0.0085+0.0005i	0.0330+0.0083i	0.0210−0.0029i
24.5	0.3224−0.0224i	0.1905−0.0489i	−0.1517+0.0332i	0.6730−0.0810i	0.0254+0.0028i	0.0089+0.0007i	0.0334+0.0084i	0.0216−0.0019i

24.6	0.3236−0.0215i	0.1938−0.0511i	−0.1549+0.0315i	0.6807−0.0797i	0.0254+0.0036i	0.0092+0.0014i	0.0335+0.0086i	0.0224−0.0008i
24.7	0.3265−0.0194i	0.1959−0.0533i	−0.1587+0.0360i	0.6874−0.0842i	0.0256+0.0038i	0.0099+0.0013i	0.0340+0.0088i	0.0232−0.0004i
24.8	0.3309−0.0193i	0.1976−0.0584i	−0.1593+0.0382i	0.6915−0.0903i	0.0261+0.0037i	0.0103+0.0013i	0.0348+0.0092i	0.0246−0.0004i
24.9	0.3353−0.0222i	0.1985−0.0608i	−0.1617+0.0388i	0.6984−0.0933i	0.0265+0.0035i	0.0107+0.0007i	0.0352+0.0088i	0.0253−0.0009i
25.0	0.3382−0.0240i	0.1970−0.0692i	−0.1645+0.0423i	0.7061−0.0993i	0.0269+0.0039i	0.0108+0.0009i	0.0353+0.0086i	0.0260−0.0008i
25.1	0.3425−0.0215i	0.1974−0.0743i	−0.1651+0.0489i	0.7075−0.1129i	0.0271+0.0050i	0.0113+0.0012i	0.0356+0.0091i	0.0267+0.0002i
25.2	0.3458−0.0209i	0.1965−0.0786i	−0.1685+0.0491i	0.7142−0.1175i	0.0276+0.0049i	0.0119+0.0012i	0.0364+0.0092i	0.0277+0.0005i
25.3	0.3487−0.0236i	0.1957−0.0827i	−0.1741+0.0530i	0.7206−0.1239i	0.0278+0.0047i	0.0122+0.0013i	0.0371+0.0094i	0.0281+0.0000i
25.4	0.3523−0.0254i	0.1928−0.0901i	−0.1806+0.0625i	0.7259−0.1377i	0.0284+0.0054i	0.0131+0.0012i	0.0385+0.0103i	0.0299−0.0000i
25.5	0.3553−0.0244i	0.1906−0.0941i	−0.1802+0.0688i	0.7292−0.1488i	0.0293+0.0056i	0.0137+0.0005i	0.0394+0.0103i	0.0314−0.0012i
25.6	0.3592−0.0247i	0.1887−0.1007i	−0.1797+0.0813i	0.7351−0.1626i	0.0301+0.0056i	0.0141+0.0004i	0.0404+0.0107i	0.0331−0.0025i
25.7	0.3626−0.0295i	0.1818−0.1083i	−0.1854+0.0947i	0.7404−0.1813i	0.0309+0.0056i	0.0146−0.0000i	0.0416+0.0112i	0.0343−0.0028i
25.8	0.3633−0.0311i	0.1736−0.1158i	−0.1859+0.1047i	0.7362−0.2010i	0.0316+0.0059i	0.0151−0.0004i	0.0426+0.0113i	0.0347−0.0036i
25.9	0.3697−0.0320i	0.1618−0.1247i	−0.1827+0.1213i	0.7283−0.2219i	0.0333+0.0068i	0.0163−0.0002i	0.0451+0.0124i	0.0364−0.0039i
26.0	0.3763−0.0342i	0.1491−0.1284i	−0.1820+0.1291i	0.7247−0.2355i	0.0352+0.0064i	0.0177−0.0007i	0.0482+0.0125i	0.0388−0.0058i
26.1	0.3796−0.0440i	0.1390−0.1262i	−0.1789+0.1437i	0.7124−0.2508i	0.0367+0.0044i	0.0185−0.0028i	0.0504+0.0106i	0.0401−0.0093i
26.2	0.3788−0.0496i	0.1263−0.1225i	−0.1691+0.1598i	0.6956−0.2622i	0.0378+0.0028i	0.0185−0.0046i	0.0520+0.0080i	0.0396−0.0134i
26.3	0.3788−0.0509i	0.1138−0.1206i	−0.1557+0.1809i	0.6771−0.2802i	0.0377+0.0018i	0.0177−0.0055i	0.0532+0.0066i	0.0372−0.0157i
26.4	0.3755−0.0504i	0.1085−0.1125i	−0.1421+0.1853i	0.6616−0.2822i	0.0372+0.0012i	0.0167−0.0058i	0.0533+0.0055i	0.0357−0.0165i
26.5	0.3732−0.0530i	0.0952−0.1028i	−0.1316+0.1937i	0.6506−0.2838i	0.0369+0.0002i	0.0158−0.0063i	0.0535+0.0043i	0.0332−0.0181i
26.6	0.3745−0.0530i	0.0897−0.0933i	−0.1217+0.2025i	0.6404−0.2866i	0.0372+0.0002i	0.0154−0.0058i	0.0536+0.0046i	0.0305−0.0179i
26.7	0.3808−0.0452i	0.0853−0.0889i	−0.1028+0.2076i	0.6256−0.2845i	0.0377+0.0010i	0.0155−0.0046i	0.0552+0.0049i	0.0300−0.0153i
26.8	0.3870−0.0436i	0.0787−0.0882i	−0.0901+0.2154i	0.6157−0.2856i	0.0386+0.0016i	0.0157−0.0042i	0.0574+0.0050i	0.0302−0.0142i
26.9	0.3944−0.0468i	0.0736−0.0823i	−0.0769+0.2196i	0.6058−0.2897i	0.0393+0.0014i	0.0160−0.0039i	0.0596+0.0040i	0.0303−0.0137i
27.0	0.4006−0.0512i	0.0672−0.0734i	−0.0611+0.2264i	0.5932−0.2960i	0.0400+0.0006i	0.0162−0.0046i	0.0613+0.0023i	0.0299−0.0135i
27.1	0.4048−0.0491i	0.0618−0.0626i	−0.0444+0.2357i	0.5835−0.2989i	0.0406+0.0002i	0.0166−0.0044i	0.0629+0.0011i	0.0284−0.0132i
27.2	0.4098−0.0505i	0.0593−0.0534i	−0.0250+0.2459i	0.5675−0.3048i	0.0415+0.0000i	0.0170−0.0041i	0.0647−0.0002i	0.0283−0.0126i
27.3	0.4148−0.0583i	0.0585−0.0434i	−0.0010+0.2501i	0.5513−0.3017i	0.0431−0.0010i	0.0182−0.0041i	0.0673−0.0024i	0.0289−0.0127i
27.4	0.4203−0.0631i	0.0564−0.0363i	0.0232+0.2471i	0.5360−0.2975i	0.0438−0.0016i	0.0188−0.0042i	0.0688−0.0043i	0.0292−0.0109i
27.5	0.4259−0.0618i	0.0579−0.0314i	0.0533+0.2347i	0.5226−0.2923i	0.0440−0.0016i	0.0198−0.0042i	0.0700−0.0067i	0.0288−0.0083i
27.6	0.4293−0.0649i	0.0556−0.0236i	0.0773+0.2194i	0.5065−0.2815i	0.0449−0.0021i	0.0205−0.0043i	0.0717−0.0096i	0.0290−0.0070i
27.7	0.4406−0.0772i	0.0525−0.0144i	0.0941+0.2047i	0.4930−0.2714i	0.0468−0.0034i	0.0215−0.0043i	0.0728−0.0126i	0.0328−0.0057i
27.8	0.4472−0.0823i	0.0501−0.0057i	0.1070+0.1914i	0.4865−0.2584i	0.0478−0.0043i	0.0227−0.0049i	0.0730−0.0149i	0.0361−0.0049i
27.9	0.4522−0.0880i	0.0546−0.0013i	0.1216+0.1743i	0.4834−0.2479i	0.0481−0.0052i	0.0235−0.0056i	0.0731−0.0171i	0.0368−0.0053i
28.0	0.4596−0.1003i	0.0595+0.0029i	0.1320+0.1508i	0.4825−0.2374i	0.0495−0.0065i	0.0245−0.0063i	0.0732−0.0197i	0.0396−0.0061i
28.1	0.4665−0.1085i	0.0508+0.0065i	0.1315+0.1306i	0.4843−0.2272i	0.0504−0.0071i	0.0253−0.0064i	0.0731−0.0209i	0.0429−0.0053i
28.2	0.4743−0.1224i	0.0326+0.0248i	0.1312+0.1103i	0.4705−0.2192i	0.0537−0.0074i	0.0275−0.0054i	0.0754−0.0209i	0.0490−0.0038i
28.3	0.4656−0.1389i	0.0412+0.0546i	0.1366+0.1016i	0.4607−0.2008i	0.0561−0.0105i	0.0307−0.0077i	0.0773−0.0247i	0.0551−0.0083i
28.4	0.4569−0.1411i	0.0703+0.0627i	0.1394+0.0855i	0.4701−0.1826i	0.0558−0.0141i	0.0320−0.0116i	0.0766−0.0288i	0.0569−0.0143i
28.5	0.4584−0.1437i	0.0784+0.0596i	0.1364+0.0750i	0.4811−0.1724i	0.0559−0.0151i	0.0328−0.0128i	0.0766−0.0306i	0.0580−0.0158i
28.6	0.4613−0.1469i	0.0797+0.0545i	0.1299+0.0640i	0.4923−0.1680i	0.0562−0.0166i	0.0331−0.0145i	0.0772−0.0329i	0.0590−0.0189i
28.7	0.4659−0.1552i	0.0828+0.0567i	0.1284+0.0542i	0.4984−0.1604i	0.0570−0.0183i	0.0341−0.0165i	0.0786−0.0358i	0.0602−0.0217i
28.8	0.4720−0.1654i	0.0778+0.0577i	0.1191+0.0349i	0.5116−0.1552i	0.0580−0.0219i	0.0350−0.0192i	0.0796−0.0392i	0.0623−0.0266i
28.9	0.4743−0.1717i	0.0778+0.0623i	0.1125+0.0237i	0.5213−0.1530i	0.0576−0.0239i	0.0345−0.0213i	0.0792−0.0420i	0.0624−0.0305i
29.0	0.4719−0.1864i	0.0820+0.0746i	0.1064+0.0220i	0.5254−0.1577i	0.0564−0.0270i	0.0338−0.0248i	0.0780−0.0463i	0.0601−0.0365i
29.1	0.4742−0.2036i	0.0801+0.0843i	0.0995+0.0158i	0.5347−0.1623i	0.0561−0.0303i	0.0333−0.0275i	0.0770−0.0502i	0.0590−0.0416i
29.2	0.4749−0.2151i	0.0785+0.0916i	0.0939+0.0061i	0.5432−0.1602i	0.0558−0.0321i	0.0326−0.0294i	0.0765−0.0525i	0.0578−0.0450i
29.3	0.4690−0.2334i	0.0829+0.1020i	0.0887+0.0004i	0.5509−0.1651i	0.0545−0.0353i	0.0318−0.0317i	0.0758−0.0570i	0.0555−0.0488i
29.4	0.4687−0.2492i	0.0902+0.1131i	0.0804−0.0044i	0.5596−0.1679i	0.0538−0.0380i	0.0310−0.0335i	0.0750−0.0602i	0.0543−0.0522i
29.5	0.4638−0.2627i	0.0982+0.1242i	0.0713−0.0084i	0.5652−0.1711i	0.0521−0.0404i	0.0294−0.0359i	0.0727−0.0633i	0.0515−0.0546i
29.6	0.4522−0.2697i	0.1085+0.1307i	0.0615−0.0075i	0.5693−0.1779i	0.0493−0.0410i	0.0271−0.0363i	0.0699−0.0642i	0.0467−0.0556i
29.7	0.4415−0.2843i	0.1178+0.1384i	0.0553−0.0092i	0.5778−0.1835i	0.0482−0.0424i	0.0267−0.0374i	0.0696−0.0665i	0.0454−0.0568i
29.8	0.4310−0.2908i	0.1290+0.1452i	0.0487−0.0113i	0.5806−0.1876i	0.0462−0.0435i	0.0252−0.0379i	0.0674−0.0677i	0.0417−0.0574i
29.9	0.4167−0.3013i	0.1416+0.1485i	0.0350−0.0121i	0.5873−0.1950i	0.0442−0.0456i	0.0235−0.0399i	0.0655−0.0708i	0.0381−0.0603i
30.0	0.4008−0.3055i	0.1586+0.1484i	0.0255−0.0089i	0.5903−0.2029i	0.0415−0.0465i	0.0212−0.0410i	0.0620−0.0734i	0.0331−0.0616i
30.1	0.3821−0.3145i	0.1756+0.1522i	0.0122−0.0088i	0.5924−0.2142i	0.0388−0.0483i	0.0192−0.0428i	0.0602−0.0778i	0.0288−0.0633i
30.2	0.3638−0.3167i	0.1914+0.1496i	−0.0002−0.0093i	0.5916−0.2205i	0.0350−0.0496i	0.0162−0.0437i	0.0563−0.0792i	0.0239−0.0639i
30.3	0.3502−0.3160i	0.2023+0.1407i	−0.0115−0.0010i	0.5934−0.2295i	0.0313−0.0496i	0.0134−0.0445i	0.0535−0.0809i	0.0159−0.0635i
30.4	0.3494−0.3092i	0.1996+0.1319i	−0.0139+0.0108i	0.5928−0.2368i	0.0301−0.0469i	0.0126−0.0428i	0.0524−0.0806i	0.0136−0.0576i
30.5	0.3455−0.3144i	0.1991+0.1330i	−0.0161+0.0180i	0.5924−0.2427i	0.0298−0.0465i	0.0117−0.0423i	0.0508−0.0819i	0.0136−0.0544i
30.6	0.3342−0.3202i	0.2044+0.1388i	−0.0269+0.0199i	0.5954−0.2498i	0.0287−0.0459i	0.0108−0.0416i	0.0492−0.0828i	0.0126−0.0517i
30.7	0.3199−0.3178i	0.2169+0.1373i	−0.0360+0.0274i	0.5976−0.2600i	0.0277−0.0458i	0.0103−0.0414i	0.0481−0.0837i	0.0112−0.0503i
30.8	0.3060−0.3107i	0.2270+0.1300i	−0.0477+0.0383i	0.6002−0.2651i	0.0263−0.0450i	0.0092−0.0407i	0.0471−0.0845i	0.0084−0.0477i

30.9	0.2913−0.3069i	0.2397+0.1291i	−0.0585+0.0558i	0.5985−0.2739i	0.0247−0.0449i	0.0078−0.0411i	0.0442−0.0870i	0.0068−0.0459i
31.0	0.2811−0.3011i	0.2464+0.1197i	−0.0662+0.0737i	0.5993−0.2861i	0.0230−0.0444i	0.0064−0.0414i	0.0422−0.0878i	0.0051−0.0443i
31.1	0.2691−0.2915i	0.2538+0.1103i	−0.0673+0.0915i	0.5984−0.3019i	0.0199−0.0445i	0.0035−0.0417i	0.0365−0.0911i	0.0015−0.0414i
31.2	0.2655−0.2876i	0.2540+0.1061i	−0.0655+0.1056i	0.5955−0.3129i	0.0187−0.0428i	0.0024−0.0405i	0.0343−0.0917i	0.0005−0.0369i
31.3	0.2615−0.2756i	0.2576+0.0967i	−0.0654+0.1228i	0.5943−0.3237i	0.0182−0.0398i	0.0017−0.0377i	0.0329−0.0896i	0.0004−0.0302i
31.4	0.2551−0.2666i	0.2597+0.0883i	−0.0588+0.1406i	0.5871−0.3364i	0.0169−0.0388i	0.0001−0.0370i	0.0290−0.0914i	−0.0001−0.0265i
31.5	0.2573−0.2547i	0.2571+0.0810i	−0.0583+0.1643i	0.5842−0.3542i	0.0170−0.0374i	0.0003−0.0362i	0.0285−0.0930i	0.0025−0.0213i
31.6	0.2566−0.2507i	0.2589+0.0778i	−0.0505+0.1870i	0.5699−0.3727i	0.0167−0.0361i	0.0001−0.0357i	0.0260−0.0944i	0.0042−0.0173i
31.7	0.2524−0.2445i	0.2561+0.0729i	−0.0390+0.2091i	0.5558−0.3908i	0.0166−0.0346i	0.0006−0.0340i	0.0225−0.0968i	0.0083−0.0113i
31.8	0.2533−0.2408i	0.2534+0.0705i	−0.0279+0.2368i	0.5417−0.4091i	0.0176−0.0330i	0.0008−0.0327i	0.0196−0.0987i	0.0134−0.0062i
31.9	0.2546−0.2343i	0.2494+0.0666i	−0.0015+0.2578i	0.5188−0.4199i	0.0192−0.0324i	0.0021−0.0326i	0.0160−0.1015i	0.0207−0.0031i
32.0	0.2539−0.2230i	0.2491+0.0632i	0.0217+0.2671i	0.4979−0.4192i	0.0194−0.0306i	0.0026−0.0313i	0.0106−0.0980i	0.0275−0.0019i
32.1	0.2541−0.2129i	0.2457+0.0606i	0.0473+0.2844i	0.4727−0.4210i	0.0196−0.0289i	0.0028−0.0295i	0.0026−0.0951i	0.0365+0.0011i
32.2	0.2557−0.2034i	0.2425+0.0599i	0.0748+0.2937i	0.4456−0.4191i	0.0208−0.0277i	0.0033−0.0287i	−0.0043−0.0923i	0.0448+0.0004i
32.3	0.2649−0.1956i	0.2421+0.0633i	0.1112+0.2948i	0.4198−0.4098i	0.0228−0.0263i	0.0049−0.0275i	−0.0069−0.0880i	0.0523−0.0013i
32.4	0.2749−0.1847i	0.2412+0.0640i	0.1428+0.2906i	0.3988−0.3982i	0.0249−0.0253i	0.0069−0.0262i	−0.0078−0.0835i	0.0592−0.0022i
32.5	0.2820−0.1793i	0.2444+0.0650i	0.1704+0.2880i	0.3836−0.3833i	0.0265−0.0248i	0.0090−0.0259i	−0.0102−0.0762i	0.0660−0.0071i
32.6	0.2981−0.1715i	0.2414+0.0607i	0.1993+0.2797i	0.3730−0.3657i	0.0294−0.0241i	0.0115−0.0256i	−0.0077−0.0696i	0.0726−0.0124i
32.7	0.3182−0.1650i	0.2362+0.0601i	0.2222+0.2678i	0.3655−0.3496i	0.0327−0.0237i	0.0145−0.0252i	−0.0035−0.0643i	0.0769−0.0176i
32.8	0.3358−0.1661i	0.2347+0.0576i	0.2390+0.2466i	0.3656−0.3313i	0.0355−0.0247i	0.0172−0.0261i	0.0016−0.0618i	0.0790−0.0217i
32.9	0.3574−0.1762i	0.2331+0.0591i	0.2589+0.2285i	0.3694−0.3155i	0.0386−0.0259i	0.0199−0.0277i	0.0066−0.0620i	0.0828−0.0263i
33.0	0.3801−0.1829i	0.2264+0.0605i	0.2697+0.2142i	0.3823−0.3048i	0.0430−0.0265i	0.0233−0.0289i	0.0174−0.0612i	0.0847−0.0295i
33.1	0.3991−0.1970i	0.2189+0.0648i	0.2791+0.1924i	0.3928−0.2943i	0.0471−0.0288i	0.0271−0.0309i	0.0236−0.0629i	0.0905−0.0338i
33.2	0.4180−0.2251i	0.2100+0.0799i	0.2877+0.1736i	0.3984−0.2931i	0.0516−0.0338i	0.0318−0.0365i	0.0273−0.0707i	0.1006−0.0417i
33.3	0.4192−0.2493i	0.2095+0.0875i	0.2907+0.1608i	0.4000−0.2999i	0.0530−0.0381i	0.0324−0.0412i	0.0278−0.0742i	0.1032−0.0527i
33.4	0.4148−0.2809i	0.2141+0.0982i	0.2930+0.1411i	0.4015−0.2997i	0.0541−0.0442i	0.0332−0.0470i	0.0281−0.0802i	0.1054−0.0656i
33.5	0.4139−0.3146i	0.2179+0.1114i	0.2967+0.1267i	0.4066−0.2987i	0.0549−0.0512i	0.0338−0.0544i	0.0300−0.0881i	0.1045−0.0802i
33.6	0.3991−0.3378i	0.2266+0.1188i	0.2856+0.1053i	0.4105−0.3013i	0.0519−0.0578i	0.0303−0.0610i	0.0259−0.0960i	0.0982−0.0925i
33.7	0.3801−0.3550i	0.2363+0.1267i	0.2772+0.0984i	0.4146−0.3060i	0.0489−0.0619i	0.0268−0.0650i	0.0226−0.1024i	0.0910−0.0988i
33.8	0.3561−0.3615i	0.2517+0.1308i	0.2644+0.1027i	0.4181−0.3161i	0.0442−0.0631i	0.0218−0.0665i	0.0181−0.1024i	0.0808−0.1027i
33.9	0.3353−0.3651i	0.2610+0.1300i	0.2549+0.1104i	0.4170−0.3283i	0.0394−0.0633i	0.0170−0.0667i	0.0127−0.1023i	0.0732−0.1032i
34.0	0.3235−0.3661i	0.2659+0.1265i	0.2572+0.1240i	0.4095−0.3406i	0.0370−0.0639i	0.0141−0.0673i	0.0092−0.1037i	0.0682−0.1032i
34.1	0.3140−0.3560i	0.2708+0.1190i	0.2732+0.1379i	0.3924−0.3488i	0.0357−0.0614i	0.0117−0.0650i	0.0093−0.0999i	0.0632−0.0996i
34.2	0.3138−0.3522i	0.2734+0.1155i	0.2933+0.1426i	0.3748−0.3514i	0.0351−0.0593i	0.0110−0.0633i	0.0091−0.0969i	0.0616−0.0974i
34.3	0.3161−0.3528i	0.2752+0.1182i	0.3185+0.1384i	0.3538−0.3451i	0.0364−0.0593i	0.0122−0.0635i	0.0112−0.0994i	0.0625−0.0949i
34.4	0.3133−0.3525i	0.2757+0.1188i	0.3378+0.1280i	0.3416−0.3348i	0.0378−0.0591i	0.0129−0.0633i	0.0120−0.1002i	0.0645−0.0935i
34.5	0.3175−0.3521i	0.2746+0.1162i	0.3474+0.1100i	0.3373−0.3200i	0.0401−0.0593i	0.0154−0.0632i	0.0158−0.0999i	0.0678−0.0938i
34.6	0.3209−0.3635i	0.2767+0.1252i	0.3566+0.0905i	0.3337−0.3029i	0.0406−0.0626i	0.0151−0.0661i	0.0157−0.1061i	0.0679−0.0958i
34.7	0.3240−0.3785i	0.2780+0.1295i	0.3648+0.0681i	0.3381−0.2881i	0.0424−0.0657i	0.0167−0.0686i	0.0172−0.1122i	0.0708−0.0993i
34.8	0.3224−0.3948i	0.2777+0.1340i	0.3674+0.0449i	0.3434−0.2836i	0.0440−0.0693i	0.0172−0.0722i	0.0173−0.1168i	0.0735−0.1058i
34.9	0.3130−0.4097i	0.2836+0.1397i	0.3654+0.0370i	0.3489−0.2808i	0.0438−0.0729i	0.0163−0.0763i	0.0152−0.1211i	0.0732−0.1111i
35.0	0.3073−0.4252i	0.2913+0.1444i	0.3589+0.0221i	0.3566−0.2750i	0.0444−0.0772i	0.0166−0.0807i	0.0134−0.1286i	0.0766−0.1184i
35.1	0.2997−0.4429i	0.2956+0.1511i	0.3546+0.0105i	0.3638−0.2739i	0.0439−0.0814i	0.0164−0.0850i	0.0108−0.1362i	0.0787−0.1237i
35.2	0.2901−0.4521i	0.3007+0.1557i	0.3521+0.0036i	0.3705−0.2774i	0.0444−0.0843i	0.0163−0.0877i	0.0085−0.1396i	0.0808−0.1280i
35.3	0.2860−0.4647i	0.3046+0.1645i	0.3450−0.0007i	0.3781−0.2783i	0.0465−0.0892i	0.0171−0.0924i	0.0085−0.1469i	0.0847−0.1351i
35.4	0.2662−0.4919i	0.3160+0.1746i	0.3354−0.0071i	0.3863−0.2833i	0.0455−0.0969i	0.0148−0.1003i	0.0029−0.1584i	0.0847−0.1481i
35.5	0.2460−0.4985i	0.3262+0.1765i	0.3290−0.0121i	0.3852−0.2870i	0.0417−0.1006i	0.0107−0.1046i	−0.0048−0.1634i	0.0818−0.1551i
35.6	0.2288−0.5098i	0.3403+0.1813i	0.3277−0.0114i	0.3859−0.2969i	0.0388−0.1065i	0.0068−0.1102i	−0.0122−0.1728i	0.0794−0.1623i
35.7	0.2117−0.5145i	0.3520+0.1845i	0.3293−0.0001i	0.3894−0.3108i	0.0356−0.1104i	0.0024−0.1139i	−0.0196−0.1788i	0.0738−0.1695i
35.8	0.1890−0.5252i	0.3644+0.1902i	0.3390+0.0079i	0.3842−0.3248i	0.0330−0.1141i	−0.0009−0.1174i	−0.0284−0.1841i	0.0727−0.1762i
35.9	0.1543−0.5311i	0.3812+0.1881i	0.3583+0.0028i	0.3666−0.3364i	0.0279−0.1193i	−0.0080−0.1214i	−0.0437−0.1896i	0.0712−0.1856i
36.0	0.1286−0.5376i	0.3948+0.1891i	0.3692−0.0083i	0.3496−0.3347i	0.0226−0.1246i	−0.0145−0.1263i	−0.0573−0.1940i	0.0664−0.1962i
36.1	0.1030−0.5313i	0.4063+0.1863i	0.3829−0.0226i	0.3311−0.3283i	0.0155−0.1279i	−0.0218−0.1281i	−0.0731−0.1919i	0.0583−0.2044i
36.2	0.0757−0.5261i	0.4249+0.1864i	0.3940−0.0320i	0.3211−0.3237i	0.0110−0.1319i	−0.0276−0.1311i	−0.0868−0.1929i	0.0568−0.2132i
36.3	0.0544−0.5254i	0.4410+0.1829i	0.3947−0.0535i	0.3219−0.3133i	0.0057−0.1358i	−0.0336−0.1339i	−0.1004−0.1904i	0.0523−0.2259i
36.4	0.0338−0.5201i	0.4541+0.1776i	0.3989−0.0845i	0.3138−0.2980i	−0.0004−0.1383i	−0.0401−0.1349i	−0.1139−0.1852i	0.0453−0.2364i
36.5	0.0061−0.5078i	0.4694+0.1686i	0.3886−0.1071i	0.3171−0.2843i	−0.0083−0.1398i	−0.0480−0.1355i	−0.1269−0.1795i	0.0342−0.2458i
36.6	−0.0161−0.4930i	0.4827+0.1580i	0.3765−0.1211i	0.3205−0.2779i	−0.0142−0.1395i	−0.0544−0.1337i	−0.1385−0.1702i	0.0265−0.2511i
36.7	−0.0337−0.4751i	0.4950+0.1419i	0.3581−0.1362i	0.3317−0.2722i	−0.0212−0.1376i	−0.0615−0.1297i	−0.1500−0.1577i	0.0170−0.2542i
36.8	−0.0475−0.4572i	0.5034+0.1279i	0.3458−0.1393i	0.3359−0.2746i	−0.0264−0.1364i	−0.0670−0.1276i	−0.1575−0.1467i	0.0084−0.2596i
36.9	−0.0597−0.4355i	0.5026+0.1192i	0.3343−0.1394i	0.3398−0.2788i	−0.0294−0.1348i	−0.0697−0.1253i	−0.1608−0.1332i	0.0031−0.2663i
37.0	−0.0641−0.4170i	0.5062+0.1073i	0.3238−0.1308i	0.3473−0.2871i	−0.0336−0.1349i	−0.0735−0.1242i	−0.1646−0.1233i	−0.0060−0.2744i
37.1	−0.0753−0.4128i	0.5121+0.0983i	0.3231−0.1309i	0.3416−0.2991i	−0.0368−0.1361i	−0.0769−0.1240i	−0.1689−0.1152i	−0.0114−0.2849i

37.2	-0.0814-0.4056i	0.5181+0.0920i	0.3222-0.1338i	0.3433-0.3006i	-0.0391-0.1381i	-0.0794-0.1250i	-0.1683-0.1082i	-0.0193-0.2975i
37.3	-0.0934-0.3917i	0.5258+0.0884i	0.3206-0.1314i	0.3420-0.3044i	-0.0443-0.1414i	-0.0845-0.1267i	-0.1704-0.0986i	-0.0345-0.3147i
37.4	-0.1061-0.3803i	0.5323+0.0839i	0.3142-0.1426i	0.3431-0.3006i	-0.0516-0.1454i	-0.0914-0.1296i	-0.1726-0.0909i	-0.0550-0.3316i
37.5	-0.1164-0.3712i	0.5383+0.0830i	0.3102-0.1493i	0.3404-0.2984i	-0.0573-0.1469i	-0.0972-0.1306i	-0.1690-0.0800i	-0.0739-0.3452i
37.6	-0.1220-0.3626i	0.5467+0.0801i	0.3138-0.1524i	0.3357-0.2951i	-0.0650-0.1496i	-0.1048-0.1323i	-0.1697-0.0715i	-0.0983-0.3589i
37.7	-0.1458-0.3500i	0.5623+0.0697i	0.3019-0.1532i	0.3436-0.3018i	-0.0796-0.1514i	-0.1194-0.1311i	-0.1665-0.0618i	-0.1459-0.3696i
37.8	-0.1569-0.3361i	0.5718+0.0586i	0.2959-0.1568i	0.3479-0.3064i	-0.0863-0.1508i	-0.1261-0.1299i	-0.1617-0.0513i	-0.1714-0.3783i
37.9	-0.1771-0.3218i	0.5846+0.0441i	0.2805-0.1462i	0.3427-0.3200i	-0.0982-0.1499i	-0.1381-0.1269i	-0.1529-0.0488i	-0.2176-0.3747i
38.0	-0.1870-0.2920i	0.5941+0.0296i	0.2818-0.1389i	0.3300-0.3315i	-0.1108-0.1435i	-0.1491-0.1190i	-0.1463-0.0521i	-0.2597-0.3482i
38.1	-0.1938-0.2601i	0.6050+0.0177i	0.3008-0.1315i	0.3138-0.3307i	-0.1223-0.1372i	-0.1595-0.1107i	-0.1429-0.0540i	-0.2973-0.3227i
38.2	-0.1891-0.2303i	0.6088+0.0016i	0.3065-0.1331i	0.3057-0.3194i	-0.1286-0.1266i	-0.1643-0.1001i	-0.1376-0.0526i	-0.3200-0.2899i
38.3	-0.1786-0.2124i	0.6130-0.0030i	0.3132-0.1391i	0.3100-0.3040i	-0.1340-0.1208i	-0.1683-0.0942i	-0.1360-0.0608i	-0.3360-0.2643i
38.4	-0.1675-0.2084i	0.6189-0.0056i	0.3161-0.1485i	0.3151-0.2934i	-0.1377-0.1167i	-0.1711-0.0896i	-0.1377-0.0681i	-0.3438-0.2424i
38.5	-0.1575-0.1941i	0.6222-0.0242i	0.3192-0.1671i	0.3220-0.2973i	-0.1411-0.1083i	-0.1736-0.0805i	-0.1413-0.0691i	-0.3485-0.2151i
38.6	-0.1643-0.1767i	0.6358-0.0425i	0.3146-0.1745i	0.3338-0.3023i	-0.1479-0.1010i	-0.1804-0.0722i	-0.1490-0.0751i	-0.3610-0.1844i
38.7	-0.1739-0.1681i	0.6488-0.0545i	0.3072-0.1865i	0.3439-0.3085i	-0.1553-0.0971i	-0.1872-0.0669i	-0.1568-0.0820i	-0.3743-0.1627i
38.8	-0.1730-0.1568i	0.6520-0.0732i	0.3056-0.1844i	0.3466-0.3200i	-0.1593-0.0895i	-0.1901-0.0586i	-0.1680-0.0834i	-0.3732-0.1358i
38.9	-0.1793-0.1325i	0.6605-0.1017i	0.3023-0.1859i	0.3469-0.3337i	-0.1679-0.0790i	-0.1972-0.0468i	-0.1858-0.0841i	-0.3795-0.1006i
39.0	-0.1789-0.1125i	0.6630-0.1265i	0.2962-0.1862i	0.3414-0.3509i	-0.1732-0.0689i	-0.2009-0.0356i	-0.1972-0.0778i	-0.3810-0.0751i
39.1	-0.1700-0.0952i	0.6613-0.1513i	0.2986-0.1858i	0.3296-0.3659i	-0.1765-0.0570i	-0.2027-0.0232i	-0.2128-0.0660i	-0.3717-0.0493i
39.2	-0.1648-0.0771i	0.6655-0.1740i	0.3046-0.1934i	0.3218-0.3749i	-0.1798-0.0464i	-0.2047-0.0123i	-0.2271-0.0574i	-0.3645-0.0251i
39.3	-0.1619-0.0639i	0.6577-0.2041i	0.3093-0.2053i	0.3074-0.3896i	-0.1791-0.0371i	-0.2027-0.0018i	-0.2358-0.0443i	-0.3523-0.0073i
39.4	-0.1573-0.0464i	0.6435-0.2300i	0.3159-0.2168i	0.2920-0.3938i	-0.1786-0.0281i	-0.2011+0.0083i	-0.2439-0.0315i	-0.3411+0.0089i
39.5	-0.1522-0.0267i	0.6288-0.2515i	0.3075-0.2316i	0.2648-0.3904i	-0.1789-0.0168i	-0.1992+0.0196i	-0.2525-0.0129i	-0.3301+0.0247i
39.6	-0.1411-0.0039i	0.6194-0.2708i	0.3007-0.2467i	0.2477-0.3836i	-0.1787-0.0043i	-0.1968+0.0319i	-0.2557+0.0111i	-0.3233+0.0390i
39.7	-0.1255+0.0152i	0.6008-0.2913i	0.2804-0.2532i	0.2451-0.3769i	-0.1752+0.0075i	-0.1902+0.0433i	-0.2475+0.0323i	-0.3150+0.0527i
39.8	-0.1081+0.0232i	0.5758-0.3001i	0.2738-0.2526i	0.2328-0.3817i	-0.1648+0.0171i	-0.1783+0.0510i	-0.2321+0.0423i	-0.2940+0.0699i
39.9	-0.0927+0.0319i	0.5534-0.3116i	0.2731-0.2589i	0.2135-0.3731i	-0.1585+0.0254i	-0.1713+0.0582i	-0.2324+0.0556i	-0.2727+0.0792i
40.0	-0.0788+0.0371i	0.5464-0.3106i	0.2725-0.2584i	0.2016-0.3585i	-0.1564+0.0268i	-0.1684+0.0587i	-0.2347+0.0597i	-0.2630+0.0775i
40.1	-0.0612+0.0372i	0.5303-0.3141i	0.2610-0.2639i	0.1992-0.3440i	-0.1496+0.0306i	-0.1599+0.0625i	-0.2229+0.0709i	-0.2509+0.0773i
40.2	-0.0484+0.0397i	0.5178-0.3146i	0.2520-0.2619i	0.2016-0.3397i	-0.1454+0.0346i	-0.1552+0.0660i	-0.2169+0.0800i	-0.2422+0.0807i
40.3	-0.0414+0.0452i	0.5105-0.3190i	0.2416-0.2582i	0.2028-0.3340i	-0.1426+0.0387i	-0.1520+0.0694i	-0.2152+0.0907i	-0.2359+0.0821i
40.4	-0.0339+0.0503i	0.5013-0.3194i	0.2290-0.2616i	0.2014-0.3273i	-0.1396+0.0401i	-0.1479+0.0692i	-0.2092+0.0944i	-0.2318+0.0800i
40.5	-0.0216+0.0510i	0.4855-0.3174i	0.2187-0.2609i	0.1967-0.3169i	-0.1353+0.0437i	-0.1428+0.0720i	-0.2030+0.1019i	-0.2230+0.0826i
40.6	-0.0089+0.0490i	0.4758-0.3196i	0.2186-0.2566i	0.1991-0.3054i	-0.1331+0.0473i	-0.1397+0.0749i	-0.1958+0.1120i	-0.2219+0.0827i
40.7	-0.0039+0.0522i	0.4718-0.3204i	0.2075-0.2588i	0.2067-0.2997i	-0.1317+0.0483i	-0.1374+0.0748i	-0.1895+0.1145i	-0.2215+0.0827i
40.8	0.0079+0.0610i	0.4594-0.3278i	0.1951-0.2551i	0.2173-0.3034i	-0.1275+0.0527i	-0.1326+0.0792i	-0.1807+0.1208i	-0.2168+0.0911i
40.9	0.0116+0.0751i	0.4661-0.3481i	0.2056-0.2516i	0.2235-0.3157i	-0.1284+0.0616i	-0.1342+0.0875i	-0.1829+0.1337i	-0.2185+0.1026i
41.0	0.0248+0.0779i	0.4527-0.3590i	0.1950-0.2562i	0.2244-0.3252i	-0.1205+0.0706i	-0.1268+0.0958i	-0.1691+0.1515i	-0.2084+0.1111i
41.1	0.0371+0.0779i	0.4311-0.3718i	0.1879-0.2597i	0.2112-0.3320i	-0.1131+0.0763i	-0.1186+0.1018i	-0.1545+0.1633i	-0.1972+0.1175i
41.2	0.0446+0.0814i	0.4246-0.3667i	0.1911-0.2409i	0.1991-0.3326i	-0.1083+0.0775i	-0.1134+0.1018i	-0.1455+0.1603i	-0.1896+0.1216i
41.3	0.0546+0.0814i	0.4088-0.3671i	0.1942-0.2309i	0.1887-0.3399i	-0.1031+0.0777i	-0.1076+0.1014i	-0.1389+0.1588i	-0.1795+0.1233i
41.4	0.0660+0.0718i	0.3938-0.3557i	0.1886-0.2321i	0.1854-0.3226i	-0.0979+0.0744i	-0.1023+0.0974i	-0.1290+0.1549i	-0.1723+0.1139i
41.5	0.0741+0.0721i	0.3856-0.3689i	0.1886-0.2368i	0.1869-0.3321i	-0.0944+0.0799i	-0.0986+0.1021i	-0.1202+0.1671i	-0.1700+0.1176i
41.6	0.0803+0.0716i	0.3619-0.3613i	0.1842-0.2230i	0.1602-0.3347i	-0.0862+0.0788i	-0.0900+0.0999i	-0.1022+0.1676i	-0.1641+0.1129i
41.7	0.0839+0.0631i	0.3742-0.3452i	0.2015-0.2160i	0.1698-0.3141i	-0.0893+0.0735i	-0.0951+0.0943i	-0.1017+0.1549i	-0.1770+0.1098i
41.8	0.0922+0.0701i	0.3739-0.3728i	0.2121-0.2378i	0.1762-0.3334i	-0.0894+0.0867i	-0.0962+0.1077i	-0.1004+0.1725i	-0.1784+0.1332i
41.9	0.1116+0.0692i	0.3322-0.3807i	0.1948-0.2506i	0.1506-0.3367i	-0.0758+0.0918i	-0.0807+0.1135i	-0.0718+0.1753i	-0.1603+0.1466i
42.0	0.1184+0.0597i	0.3131-0.3583i	0.1839-0.2411i	0.1406-0.3235i	-0.0669+0.0826i	-0.0709+0.1047i	-0.0568+0.1539i	-0.1471+0.1385i
42.1	0.1130+0.0504i	0.3258-0.3356i	0.1834-0.2340i	0.1569-0.3079i	-0.0710+0.0748i	-0.0750+0.0963i	-0.0668+0.1369i	-0.1503+0.1314i
42.2	0.1116+0.0556i	0.3326-0.3366i	0.1846-0.2325i	0.1580-0.3107i	-0.0709+0.0776i	-0.0749+0.0991i	-0.0659+0.1404i	-0.1486+0.1385i
42.3	0.1179+0.0536i	0.3369-0.3298i	0.2083-0.2265i	0.1476-0.3120i	-0.0711+0.0782i	-0.0762+0.0996i	-0.0698+0.1362i	-0.1456+0.1423i
42.4	0.1194+0.0476i	0.3475-0.3372i	0.2276-0.2445i	0.1430-0.3149i	-0.0709+0.0828i	-0.0760+0.1054i	-0.0773+0.1453i	-0.1378+0.1479i
42.5	0.1221+0.0416i	0.3287-0.3350i	0.2182-0.2543i	0.1276-0.3112i	-0.0652+0.0827i	-0.0696+0.1054i	-0.0681+0.1451i	-0.1289+0.1481i
42.6	0.1286+0.0429i	0.3163-0.3299i	0.2036-0.2639i	0.1201-0.2980i	-0.0581+0.0820i	-0.0612+0.1046i	-0.0555+0.1431i	-0.1194+0.1461i
42.7	0.1305+0.0464i	0.3070-0.3366i	0.1875-0.2710i	0.1246-0.2939i	-0.0542+0.0849i	-0.0557+0.1074i	-0.0447+0.1477i	-0.1150+0.1492i
42.8	0.1231+0.0477i	0.3203-0.3376i	0.1873-0.2614i	0.1400-0.3027i	-0.0593+0.0845i	-0.0607+0.1069i	-0.0474+0.1454i	-0.1257+0.1515i
42.9	0.1298+0.0424i	0.3277-0.3321i	0.1980-0.2478i	0.1372-0.3130i	-0.0589+0.0839i	-0.0607+0.1061i	-0.0510+0.1355i	-0.1227+0.1585i
43.0	0.1401+0.0522i	0.3105-0.3520i	0.1941-0.2744i	0.1114-0.3136i	-0.0497+0.0924i	-0.0502+0.1158i	-0.0410+0.1449i	-0.1005+0.1743i
43.1	0.1415+0.0585i	0.3066-0.3765i	0.1932-0.2908i	0.1004-0.3128i	-0.0492+0.0972i	-0.0485+0.1213i	-0.0422+0.1569i	-0.0949+0.1774i
43.2	0.1489+0.0554i	0.2938-0.3787i	0.1783-0.2990i	0.1027-0.3095i	-0.0469+0.0966i	-0.0444+0.1205i	-0.0363+0.1563i	-0.0925+0.1748i
43.3	0.1587+0.0510i	0.2752-0.3651i	0.1558-0.2910i	0.0864-0.3003i	-0.0378+0.0945i	-0.0334+0.1171i	-0.0230+0.1465i	-0.0756+0.1753i
43.4	0.1575+0.0420i	0.2782-0.3436i	0.1641-0.2778i	0.0767-0.2897i	-0.0376+0.0881i	-0.0330+0.1091i	-0.0286+0.1358i	-0.0709+0.1652i

43.5	0.1477+0.0428i	0.3019-0.3600i	0.1870-0.2721i	0.0865-0.2998i	-0.0432+0.0893i	-0.0399+0.1102i	-0.0417+0.1405i	-0.0776+0.1643i
43.6	0.1529+0.0554i	0.3000-0.3862i	0.1901-0.2914i	0.0736-0.3053i	-0.0433+0.0961i	-0.0372+0.1174i	-0.0436+0.1547i	-0.0705+0.1706i
43.7	0.1583+0.0472i	0.2746-0.3904i	0.1588-0.3077i	0.0608-0.2999i	-0.0360+0.0983i	-0.0291+0.1189i	-0.0266+0.1589i	-0.0632+0.1721i
43.8	0.1686+0.0421i	0.2382-0.3923i	0.1279-0.3196i	0.0525-0.2980i	-0.0263+0.1032i	-0.0168+0.1235i	-0.0070+0.1638i	-0.0496+0.1805i
43.9	0.1704+0.0347i	0.2000-0.3713i	0.0921-0.2967i	0.0304-0.2915i	-0.0142+0.0970i	-0.0023+0.1144i	0.0108+0.1470i	-0.0274+0.1726i
44.0	0.1616+0.0252i	0.1984-0.3504i	0.0899-0.2647i	0.0215-0.2795i	-0.0126+0.0904i	-0.0011+0.1057i	0.0083+0.1358i	-0.0217+0.1606i
44.1	0.1596+0.0219i	0.2078-0.3419i	0.1253-0.2535i	-0.0253-0.2787i	-0.0107+0.0933i	0.0007+0.1073i	0.0063+0.1441i	-0.0130+0.1591i
44.2	0.1604+0.0331i	0.2132-0.3383i	0.1301-0.2613i	-0.0253-0.2547i	-0.0126+0.0893i	-0.0015+0.1025i	0.0037+0.1405i	-0.0179+0.1503i
44.3	0.1553+0.0368i	0.2004-0.3406i	0.1226-0.2717i	-0.0439-0.2341i	-0.0065+0.0915i	0.0052+0.1028i	0.0143+0.1444i	-0.0096+0.1498i
44.4	0.1562+0.0318i	0.1821-0.3201i	0.1122-0.2644i	-0.0498-0.1893i	-0.0000+0.0852i	0.0113+0.0942i	0.0261+0.1329i	-0.0011+0.1372i
44.5	0.1542+0.0344i	0.2018-0.3160i	0.1186-0.2530i	-0.0271-0.1845i	-0.0061+0.0835i	0.0047+0.0915i	0.0165+0.1311i	-0.0120+0.1327i
44.6	0.1576+0.0413i	0.1899-0.3180i	0.1262-0.2609i	-0.0420-0.1674i	-0.0014+0.0844i	0.0096+0.0920i	0.0272+0.1331i	-0.0083+0.1329i
44.7	0.1468+0.0392i	0.1978-0.2993i	0.1213-0.2623i	-0.0401-0.1326i	0.0020+0.0791i	0.0127+0.0854i	0.0340+0.1225i	-0.0040+0.1253i
44.8	0.1328+0.0470i	0.2341-0.3017i	0.1248-0.2658i	-0.0070-0.1169i	-0.0043+0.0784i	0.0050+0.0840i	0.0253+0.1208i	-0.0129+0.1230i
44.9	0.1388+0.0503i	0.2244-0.3107i	0.1074-0.2613i	0.0022-0.1297i	-0.0021+0.0824i	0.0077+0.0871i	0.0295+0.1267i	-0.0106+0.1315i
45.0	0.1440+0.0518i	0.2247-0.3169i	0.1038-0.2564i	0.0048-0.1308i	-0.0016+0.0826i	0.0084+0.0865i	0.0299+0.1235i	-0.0110+0.1335i
45.1	0.1345+0.0681i	0.2428-0.3224i	0.1027-0.2449i	0.0163-0.1423i	-0.0010+0.0837i	0.0088+0.0868i	0.0309+0.1221i	-0.0095+0.1362i
45.2	0.1401+0.0737i	0.2252-0.3306i	0.1080-0.2418i	-0.0127-0.1353i	0.0046+0.0860i	0.0143+0.0879i	0.0420+0.1249i	-0.0020+0.1357i
45.3	0.1407+0.0888i	0.2213-0.3376i	0.1067-0.2495i	-0.0200-0.1263i	0.0091+0.0872i	0.0197+0.0885i	0.0533+0.1206i	0.0014+0.1406i
45.4	0.1396+0.1083i	0.2135-0.3405i	0.0958-0.2352i	-0.0314-0.1080i	0.0170+0.0838i	0.0275+0.0826i	0.0625+0.1055i	0.0149+0.1404i
45.5	0.1346+0.1115i	0.2229-0.3275i	0.1322-0.2197i	-0.0273-0.0828i	0.0140+0.0760i	0.0230+0.0733i	0.0527+0.0926i	0.0147+0.1280i
45.6	0.1357+0.1154i	0.2519-0.3592i	0.1586-0.2537i	-0.0230-0.0694i	0.0052+0.0833i	0.0131+0.0818i	0.0363+0.1054i	0.0035+0.1379i
45.7	0.1297+0.1408i	0.2444-0.3806i	0.1396-0.2710i	-0.0332-0.0438i	0.0116+0.0875i	0.0202+0.0850i	0.0450+0.1084i	0.0158+0.1430i
45.8	0.1406+0.1520i	0.2200-0.3873i	0.1274-0.2819i	-0.0241-0.0118i	0.0152+0.0847i	0.0226+0.0812i	0.0486+0.1047i	0.0218+0.1359i
45.9	0.1535+0.1755i	0.2134-0.4188i	0.0957-0.3145i	0.0028+0.0166i	0.0180+0.0901i	0.0253+0.0852i	0.0527+0.1101i	0.0266+0.1441i
46.0	0.1523+0.1859i	0.2232-0.4371i	0.0760-0.3021i	0.0314+0.0025i	0.0204+0.0909i	0.0269+0.0845i	0.0560+0.1062i	0.0313+0.1480i
46.1	0.1580+0.2037i	0.2118-0.4447i	0.0799-0.2676i	0.0312+0.0029i	0.0281+0.0924i	0.0333+0.0845i	0.0570+0.1021i	0.0467+0.1535i
46.2	0.1698+0.2211i	0.1927-0.4449i	0.1005-0.2410i	0.0190+0.0112i	0.0316+0.0909i	0.0356+0.0821i	0.0528+0.1018i	0.0563+0.1457i
46.3	0.2160+0.2384i	0.1519-0.4411i	0.1031-0.2633i	0.0282+0.0480i	0.0315+0.0861i	0.0330+0.0768i	0.0483+0.1010i	0.0536+0.1276i
46.4	0.2305+0.2700i	0.1450-0.4915i	0.0787-0.2976i	0.0688+0.0612i	0.0347+0.0914i	0.0349+0.0815i	0.0539+0.1118i	0.0573+0.1333i
46.5	0.2249+0.2927i	0.1507-0.5265i	0.0802-0.2986i	0.0638+0.0470i	0.0366+0.0978i	0.0362+0.0885i	0.0592+0.1204i	0.0581+0.1436i
46.6	0.2490+0.2922i	0.1157-0.5278i	0.0767-0.2974i	0.0605+0.0568i	0.0428+0.0984i	0.0423+0.0877i	0.0698+0.1183i	0.0672+0.1441i
46.7	0.3017+0.3099i	0.0443-0.5328i	0.0453-0.2803i	0.1010+0.0609i	0.0553+0.0936i	0.0525+0.0833i	0.0851+0.1072i	0.0846+0.1412i
46.8	0.3127+0.3091i	0.0378-0.5282i	0.0663-0.2745i	0.0932+0.0294i	0.0566+0.0928i	0.0526+0.0840i	0.0827+0.1062i	0.0892+0.1436i
46.9	0.3524+0.3294i	0.0001-0.5391i	0.0681-0.2906i	0.0832+0.0649i	0.0643+0.0940i	0.0597+0.0851i	0.0876+0.1060i	0.1015+0.1425i
47.0	0.3995+0.3076i	-0.0551-0.5113i	0.0371-0.2904i	0.1176+0.0782i	0.0716+0.0868i	0.0658+0.0776i	0.0921+0.0994i	0.1175+0.1298i
47.1	0.4678+0.2784i	-0.1227-0.4814i	0.0191-0.2799i	0.1505+0.0687i	0.0796+0.0783i	0.0733+0.0685i	0.0974+0.0934i	0.1329+0.1134i
47.2	0.5028+0.2855i	-0.1524-0.4797i	0.0028-0.2861i	0.1750+0.0759i	0.0838+0.0763i	0.0769+0.0683i	0.0987+0.0925i	0.1397+0.1064i
47.3	0.5398+0.2898i	-0.1877-0.4822i	-0.0327-0.2971i	0.1990+0.0897i	0.0929+0.0781i	0.0852+0.0707i	0.1079+0.1001i	0.1572+0.1044i
47.4	0.5644+0.2432i	-0.2229-0.4336i	-0.0755-0.2486i	0.2373+0.0548i	0.1000+0.0704i	0.0910+0.0644i	0.1207+0.0971i	0.1624+0.0902i
47.5	0.5853+0.2160i	-0.2315-0.3983i	-0.0700-0.1929i	0.2184+0.0085i	0.1010+0.0622i	0.0927+0.0571i	0.1237+0.0864i	0.1595+0.0801i
47.6	0.6023+0.1797i	-0.2413-0.3342i	-0.0061-0.1918i	0.1966+0.0079i	0.1024+0.0505i	0.0941+0.0458i	0.1219+0.0674i	0.1670+0.0593i
47.7	0.6126+0.1783i	-0.2424-0.3208i	-0.0024-0.1776i	0.2107+0.0240i	0.1022+0.0486i	0.0930+0.0444i	0.1169+0.0691i	0.1731+0.0569i
47.8	0.6492+0.1440i	-0.2641-0.2953i	-0.0097-0.1788i	0.2158+0.0114i	0.1041+0.0450i	0.0955+0.0407i	0.1156+0.0705i	0.1768+0.0446i
47.9	0.6608+0.1021i	-0.2661-0.2557i	-0.0017-0.1707i	0.2170-0.0015i	0.1064+0.0400i	0.0980+0.0356i	0.1229+0.0691i	0.1791+0.0309i
48.0	0.6866+0.0554i	-0.2931-0.2094i	-0.0151-0.1472i	0.2300-0.0102i	0.1119+0.0287i	0.1029+0.0243i	0.1297+0.0618i	0.1841+0.0048i
48.1	0.6908+0.0140i	-0.2993-0.1666i	0.0078-0.1099i	0.2077-0.0441i	0.1110+0.0192i	0.1022+0.0156i	0.1295+0.0518i	0.1795-0.0120i
48.2	0.6873-0.0457i	-0.2935-0.1020i	0.0347-0.1252i	0.1857-0.0490i	0.1074+0.0088i	0.0988+0.0055i	0.1264+0.0433i	0.1709-0.0366i
48.3	0.6652-0.0864i	-0.2686-0.0588i	0.0327-0.1226i	0.1822-0.0481i	0.1033+0.0023i	0.0955-0.0024i	0.1262+0.0406i	0.1604-0.0511i
48.4	0.6639-0.0962i	-0.2511-0.0435i	0.0630-0.1144i	0.1759-0.0340i	0.1030+0.0003i	0.0946-0.0045i	0.1304+0.0432i	0.1564-0.0575i
48.5	0.6626-0.1120i	-0.2385-0.0227i	0.0750-0.1264i	0.1855-0.0195i	0.1028-0.0040i	0.0935-0.0087i	0.1342+0.0416i	0.1494-0.0679i
48.6	0.6497-0.1479i	-0.2169+0.0046i	0.0852-0.1382i	0.1803-0.0117i	0.1011-0.0095i	0.0923-0.0142i	0.1407+0.0358i	0.1398-0.0779i
48.7	0.6694-0.1517i	-0.2216-0.0020i	0.0714-0.1622i	0.2013+0.0120i	0.1058-0.0108i	0.0968-0.0162i	0.1515+0.0378i	0.1446-0.0845i
48.8	0.6518-0.1513i	-0.2072+0.0099i	0.0470-0.1459i	0.2318-0.0011i	0.1023-0.0108i	0.0925-0.0161i	0.1541+0.0387i	0.1290-0.0844i
48.9	0.6396-0.1858i	-0.1848+0.0238i	0.0728-0.1153i	0.2186-0.0435i	0.0989-0.0147i	0.0893-0.0196i	0.1594+0.0258i	0.1160-0.0829i
49.0	0.6139-0.1992i	-0.1528+0.0246i	0.0865-0.1274i	0.1878-0.0465i	0.0946-0.0190i	0.0865-0.0233i	0.1556+0.0114i	0.1116-0.0825i
49.1	0.6111-0.1925i	-0.1404+0.0428i	0.1137-0.1175i	0.1733-0.0249i	0.0960-0.0187i	0.0875-0.0232i	0.1582+0.0126i	0.1096-0.0808i
49.2	0.5970-0.1999i	-0.1145+0.0836i	0.1356-0.1057i	0.1851-0.0043i	0.0953-0.0217i	0.0854-0.0266i	0.1597+0.0105i	0.1034-0.0812i
49.3	0.6005-0.2363i	-0.1108+0.0916i	0.1363-0.1139i	0.1926-0.0188i	0.0960-0.0284i	0.0863-0.0333i	0.1653+0.0023i	0.1021-0.0953i
49.4	0.6059-0.2386i	-0.0979+0.0782i	0.1520-0.1213i	0.1972-0.0164i	0.0986-0.0283i	0.0880-0.0328i	0.1747+0.0027i	0.1062-0.0951i
49.5	0.5997-0.2525i	-0.0903+0.0799i	0.1653-0.1391i	0.2014-0.0262i	0.1016-0.0338i	0.0905-0.0388i	0.1827-0.0129i	0.1057-0.1025i
49.6	0.5334-0.2557i	-0.1067+0.1333i	0.1028-0.1301i	0.1040+0.0121i	0.0887-0.0387i	0.0777-0.0449i	0.1572-0.0194i	0.0684-0.1008i
49.7	0.5123-0.2526i	-0.0897+0.1593i	0.1036-0.1273i	0.1121+0.0505i	0.0851-0.0373i	0.0732-0.0435i	0.1566-0.0165i	0.0566-0.0911i

49.8	0.5279-0.2842i	-0.0615+0.1127i	0.1181-0.1882i	0.1752-0.0005i	0.0896-0.0435i	0.0779-0.0466i	0.1688-0.0335i	0.0686-0.1054i
49.9	0.5392-0.2956i	-0.0391+0.0921i	0.1290-0.1904i	0.1845-0.0492i	0.0925-0.0483i	0.0817-0.0511i	0.1764-0.0480i	0.0746-0.1082i
50.0	0.5349-0.3066i	-0.0490+0.1135i	0.1538-0.1783i	0.1680-0.0258i	0.0937-0.0527i	0.0837-0.0572i	0.1784-0.0613i	0.0782-0.1117i
50.1	0.5407-0.3070i	-0.0556+0.1383i	0.1487-0.1734i	0.1883+0.0126i	0.0983-0.0559i	0.0868-0.0607i	0.1857-0.0632i	0.0837-0.1151i
50.2	0.5255-0.3141i	-0.0465+0.1424i	0.1438-0.1746i	0.1862+0.0099i	0.0957-0.0610i	0.0839-0.0647i	0.1836-0.0726i	0.0777-0.1176i
50.3	0.5072-0.3414i	-0.0430+0.1527i	0.1547-0.1721i	0.1837-0.0007i	0.0932-0.0692i	0.0804-0.0710i	0.1822-0.0883i	0.0744-0.1262i
50.4	0.5200-0.3377i	-0.0315+0.1489i	0.1669-0.1741i	0.1842-0.0058i	0.0964-0.0697i	0.0834-0.0728i	0.1842-0.0930i	0.0794-0.1257i
50.5	0.5286-0.3545i	-0.0177+0.1537i	0.1587-0.1852i	0.1865-0.0020i	0.0979-0.0759i	0.0858-0.0788i	0.1867-0.1056i	0.0847-0.1329i
50.6	0.5099-0.3658i	-0.0020+0.1651i	0.1552-0.1900i	0.1800+0.0016i	0.0950-0.0820i	0.0829-0.0847i	0.1813-0.1162i	0.0803-0.1388i
50.7	0.5100-0.3848i	0.0080+0.1778i	0.1747-0.1881i	0.1762-0.0142i	0.0939-0.0913i	0.0821-0.0940i	0.1795-0.1311i	0.0775-0.1517i
50.8	0.5083-0.3986i	0.0207+0.2080i	0.1911-0.1916i	0.1665-0.0012i	0.0915-0.1024i	0.0792-0.1047i	0.1769-0.1468i	0.0719-0.1686i
50.9	0.4913-0.4179i	0.0282+0.2187i	0.1915-0.2180i	0.1610+0.0123i	0.0869-0.1106i	0.0745-0.1124i	0.1701-0.1601i	0.0642-0.1778i
51.0	0.4657-0.4308i	0.0153+0.2201i	0.1827-0.2333i	0.1578+0.0265i	0.0827-0.1152i	0.0704-0.1168i	0.1643-0.1697i	0.0574-0.1854i
51.1	0.4471-0.4323i	0.0262+0.2343i	0.1735-0.2536i	0.1848+0.0385i	0.0785-0.1212i	0.0657-0.1226i	0.1580-0.1802i	0.0504-0.1950i
51.2	0.4314-0.4609i	0.0441+0.2452i	0.1600-0.2458i	0.1981+0.0167i	0.0729-0.1319i	0.0612-0.1307i	0.1558-0.1953i	0.0409-0.2070i
51.3	0.4386-0.4636i	0.0730+0.2353i	0.1708-0.2220i	0.1677+0.0102i	0.0689-0.1331i	0.0584-0.1322i	0.1509-0.2017i	0.0343-0.2006i
51.4	0.4164-0.4787i	0.0746+0.2630i	0.1925-0.2516i	0.1405+0.0343i	0.0616-0.1425i	0.0519-0.1433i	0.1358-0.2245i	0.0229-0.2140i
51.5	0.3966-0.4929i	0.0903+0.2867i	0.1674-0.3001i	0.1628+0.0737i	0.0556-0.1511i	0.0455-0.1522i	0.1224-0.2355i	0.0144-0.2293i
51.6	0.3738-0.4891i	0.1111+0.2934i	0.1290-0.3102i	0.1901+0.0848i	0.0457-0.1540i	0.0365-0.1544i	0.1078-0.2382i	0.0010-0.2334i
51.7	0.3395-0.5085i	0.1252+0.3004i	0.0925-0.3134i	0.2029+0.0870i	0.0340-0.1617i	0.0262-0.1606i	0.0951-0.2503i	-0.0157-0.2393i
51.8	0.3252-0.5174i	0.1456+0.3176i	0.0729-0.3017i	0.2134+0.0748i	0.0281-0.1684i	0.0207-0.1676i	0.0863-0.2628i	-0.0258-0.2454i
51.9	0.3070-0.5166i	0.1733+0.3244i	0.0667-0.2621i	0.2085+0.0576i	0.0184-0.1723i	0.0125-0.1729i	0.0692-0.2719i	-0.0395-0.2490i
52.0	0.2979-0.5195i	0.1784+0.3290i	0.0716-0.2584i	0.2005+0.0706i	0.0119-0.1751i	0.0066-0.1761i	0.0603-0.2768i	-0.0476-0.2545i
52.1	0.2745-0.5299i	0.2014+0.3405i	0.0765-0.2619i	0.2027+0.0828i	0.0029-0.1810i	-0.0021-0.1823i	0.0486-0.2878i	-0.0634-0.2593i
52.2	0.2300-0.5378i	0.2455+0.3433i	0.0531-0.2655i	0.2159+0.0858i	-0.0145-0.1821i	-0.0190-0.1842i	0.0212-0.2941i	-0.0895-0.2570i
52.3	0.2173-0.5298i	0.2655+0.3411i	0.0434-0.2314i	0.2176+0.0644i	-0.0207-0.1817i	-0.0244-0.1850i	0.0102-0.2981i	-0.0949-0.2558i
52.4	0.2009-0.5498i	0.2765+0.3547i	0.0651-0.2235i	0.1962+0.0670i	-0.0297-0.1909i	-0.0333-0.1960i	-0.0053-0.3174i	-0.1061-0.2661i
52.5	0.1742-0.5458i	0.3112+0.3652i	0.0691-0.2396i	0.2064+0.0891i	-0.0443-0.1918i	-0.0475-0.1979i	-0.0300-0.3209i	-0.1274-0.2653i
52.6	0.1355-0.5411i	0.3503+0.3789i	0.0638-0.2227i	0.2089+0.0919i	-0.0604-0.1965i	-0.0649-0.2047i	-0.0604-0.3323i	-0.1500-0.2715i
52.7	0.1060-0.5497i	0.3799+0.3870i	0.0797-0.2100i	0.2008+0.1040i	-0.0743-0.2056i	-0.0792-0.2149i	-0.0850-0.3501i	-0.1666-0.2839i
52.8	0.0739-0.5330i	0.4020+0.3642i	0.0713-0.2391i	0.2182+0.1319i	-0.0907-0.1998i	-0.0953-0.2088i	-0.1143-0.3390i	-0.1874-0.2742i
52.9	0.0421-0.5219i	0.4326+0.3476i	0.0508-0.2455i	0.2367+0.1376i	-0.1070-0.1970i	-0.1119-0.2078i	-0.1413-0.3327i	-0.2107-0.2739i
53.0	-0.0022-0.5009i	0.4795+0.3359i	0.0445-0.2708i	0.2572+0.1750i	-0.1303-0.1920i	-0.1376-0.2031i	-0.1790-0.3185i	-0.2463-0.2695i
53.1	-0.0362-0.4515i	0.5122+0.2908i	-0.0165-0.2581i	0.3080+0.1692i	-0.1470-0.1728i	-0.1537-0.1833i	-0.2019-0.2886i	-0.2747-0.2373i
53.2	-0.0552-0.4129i	0.5373+0.2596i	-0.0446-0.2105i	0.3287+0.1364i	-0.1606-0.1572i	-0.1673-0.1685i	-0.2219-0.2689i	-0.2935-0.2110i
53.3	-0.0547-0.3827i	0.5429+0.2377i	-0.0345-0.1663i	0.3273+0.1025i	-0.1655-0.1464i	-0.1725-0.1593i	-0.2295-0.2581i	-0.2987-0.1919i
53.4	-0.0422-0.3494i	0.5454+0.2122i	-0.0030-0.1343i	0.3238+0.0904i	-0.1688-0.1328i	-0.1771-0.1469i	-0.2387-0.2393i	-0.3018-0.1710i
53.5	-0.0382-0.3193i	0.5635+0.1832i	0.0496-0.1377i	0.3080+0.0890i	-0.1774-0.1167i	-0.1881-0.1309i	-0.2630-0.2122i	-0.3052-0.1468i
53.6	-0.0378-0.3070i	0.5636+0.1539i	0.0551-0.1422i	0.3172+0.0837i	-0.1805-0.1010i	-0.1919-0.1149i	-0.2689-0.1798i	-0.3060-0.1306i
53.7	-0.0397-0.3161i	0.5551+0.1603i	0.0492-0.1312i	0.3192+0.0792i	-0.1784-0.1021i	-0.1895-0.1165i	-0.2582-0.1818i	-0.3117-0.1331i
53.8	-0.0541-0.3090i	0.5792+0.1581i	0.0604-0.1467i	0.3224+0.0872i	-0.1878-0.0992i	-0.2000-0.1127i	-0.2723-0.1773i	-0.3302-0.1271i
53.9	-0.0652-0.2848i	0.5963+0.1349i	0.0407-0.1324i	0.3418+0.0711i	-0.1955-0.0880i	-0.2075-0.1014i	-0.2815-0.1623i	-0.3420-0.1071i
54.0	-0.0708-0.2642i	0.5958+0.1045i	0.0449-0.1080i	0.3359+0.0597i	-0.1971-0.0794i	-0.2085-0.0956i	-0.2873-0.1576i	-0.3401-0.0928i
54.1	-0.0786-0.2455i	0.5783+0.0781i	0.0484-0.0824i	0.3200+0.0452i	-0.1988-0.0681i	-0.2132-0.0847i	-0.2956-0.1424i	-0.3400-0.0727i
54.2	-0.0804-0.2305i	0.5801+0.0693i	0.0934-0.0982i	0.3015+0.0608i	-0.2014-0.0600i	-0.2193-0.0763i	-0.3050-0.1273i	-0.3463-0.0623i
54.3	-0.0936-0.2014i	0.6050+0.0514i	0.0775-0.1242i	0.3415+0.0746i	-0.2107-0.0474i	-0.2289-0.0623i	-0.3179-0.1061i	-0.3610-0.0413i
54.4	-0.0671-0.1599i	0.5893+0.0215i	0.0729-0.0893i	0.3503+0.0374i	-0.2021-0.0323i	-0.2198-0.0468i	-0.3056-0.0849i	-0.3433-0.0176i
54.5	-0.0518-0.1508i	0.5856+0.0199i	0.0953-0.0465i	0.3432+0.0082i	-0.1999-0.0275i	-0.2194-0.0419i	-0.3077-0.0793i	-0.3392-0.0105i
54.6	-0.0579-0.1575i	0.5962+0.0208i	0.1411-0.0517i	0.3181+0.0154i	-0.2084-0.0260i	-0.2288-0.0401i	-0.3245-0.0734i	-0.3484-0.0087i
54.7	-0.0475-0.1545i	0.5847+0.0168i	0.1986-0.0592i	0.2879+0.0031i	-0.2103-0.0193i	-0.2328-0.0324i	-0.3365-0.0616i	-0.3502+0.0012i
54.8	-0.0541-0.1249i	0.5984-0.0058i	0.2048-0.1228i	0.2793+0.0324i	-0.2172-0.0038i	-0.2398-0.0125i	-0.3476-0.0273i	-0.3611+0.0248i
54.9	-0.0387-0.1019i	0.5885-0.0269i	0.1631-0.1131i	0.2955+0.0119i	-0.2115+0.0067i	-0.2328-0.0014i	-0.3345-0.0094i	-0.3500+0.0399i
55.0	-0.0353-0.0863i	0.5816-0.0422i	0.1745-0.0844i	0.2815-0.0163i	-0.2087+0.0177i	-0.2288+0.0098i	-0.3296+0.0071i	-0.3425+0.0553i
55.1	-0.0414-0.0688i	0.5938-0.0546i	0.2111-0.0862i	0.2529-0.0125i	-0.2140+0.0279i	-0.2335+0.0210i	-0.3386+0.0268i	-0.3491+0.0737i
55.2	-0.0421-0.0544i	0.5952-0.0610i	0.2137-0.1136i	0.2486+0.0077i	-0.2177+0.0356i	-0.2366+0.0296i	-0.3453+0.0444i	-0.3541+0.0844i
55.3	-0.0285-0.0579i	0.5842-0.0621i	0.2201-0.1212i	0.2318+0.0142i	-0.2165+0.0380i	-0.2350+0.0315i	-0.3424+0.0464i	-0.3520+0.0830i
55.4	-0.0159-0.0350i	0.5837-0.0847i	0.2514-0.1285i	0.2037+0.0315i	-0.2133+0.0516i	-0.2291+0.0440i	-0.3338+0.0682i	-0.3467+0.1015i
55.5	-0.0060-0.0137i	0.5881-0.1137i	0.2624-0.1605i	0.2058+0.0613i	-0.2133+0.0701i	-0.2294+0.0626i	-0.3331+0.1005i	-0.3442+0.1284i
55.6	0.0047-0.0078i	0.5805-0.1250i	0.2175-0.1624i	0.2310+0.0600i	-0.2106+0.0764i	-0.2263+0.0682i	-0.3272+0.1114i	-0.3389+0.1361i
55.7	0.0039-0.0004i	0.5865-0.1233i	0.2328-0.1403i	0.2201+0.0442i	-0.2136+0.0858i	-0.2296+0.0779i	-0.3327+0.1257i	-0.3446+0.1514i
55.8	0.0107+0.0161i	0.5857-0.1376i	0.2537-0.1455i	0.2085+0.0580i	-0.2099+0.0994i	-0.2252+0.0907i	-0.3254+0.1476i	-0.3380+0.1703i
55.9	0.0282+0.0345i	0.5730-0.1585i	0.2573-0.1661i	0.1900+0.0800i	-0.2008+0.1147i	-0.2148+0.1055i	-0.3079+0.1713i	-0.3201+0.1900i
56.0	0.0373+0.0439i	0.5723-0.1580i	0.2829-0.1869i	0.1777+0.1025i	-0.2018+0.1217i	-0.2152+0.1122i	-0.3105+0.1834i	-0.3189+0.2034i

56.1	0.0392+0.0572i	0.5755-0.1647i	0.2519-0.2077i	0.2057+0.1194i	-0.1931+0.1338i	-0.2061+0.1243i	-0.2966+0.2039i	-0.3055+0.2189i
56.2	0.0630+0.0689i	0.5606-0.1784i	0.2166-0.1965i	0.2290+0.1137i	-0.1806+0.1442i	-0.1930+0.1331i	-0.2725+0.2191i	-0.2874+0.2334i
56.3	0.0827+0.0773i	0.5432-0.1862i	0.2326-0.1868i	0.2245+0.1222i	-0.1724+0.1528i	-0.1852+0.1388i	-0.2586+0.2291i	-0.2775+0.2442i
56.4	0.0923+0.0885i	0.5505-0.2053i	0.2479-0.1953i	0.2169+0.1340i	-0.1687+0.1675i	-0.1813+0.1526i	-0.2488+0.2496i	-0.2724+0.2644i
56.5	0.1129+0.1079i	0.5446-0.2241i	0.2539-0.1977i	0.2163+0.1429i	-0.1538+0.1788i	-0.1671+0.1635i	-0.2251+0.2667i	-0.2486+0.2817i
56.6	0.1238+0.1159i	0.5343-0.2364i	0.2786-0.2049i	0.2138+0.1598i	-0.1361+0.1936i	-0.1496+0.1777i	-0.1963+0.2925i	-0.2202+0.2999i
56.7	0.1493+0.1243i	0.5196-0.2295i	0.2810-0.2087i	0.2258+0.1718i	-0.1231+0.1967i	-0.1374+0.1805i	-0.1764+0.2971i	-0.2007+0.3010i
56.8	0.1631+0.1236i	0.5165-0.2285i	0.2880-0.2196i	0.2266+0.1788i	-0.1160+0.1976i	-0.1300+0.1802i	-0.1646+0.2983i	-0.1908+0.3041i
56.9	0.1877+0.1218i	0.5102-0.2440i	0.2847-0.2342i	0.2265+0.1983i	-0.0997+0.1975i	-0.1155+0.1788i	-0.1393+0.2949i	-0.1686+0.3036i
57.0	0.1981+0.1222i	0.5214-0.2512i	0.2926-0.2411i	0.2330+0.2184i	-0.0868+0.2008i	-0.1033+0.1809i	-0.1186+0.2957i	-0.1483+0.3061i
57.1	0.2151+0.1213i	0.5099-0.2537i	0.3059-0.2634i	0.2334+0.2397i	-0.0744+0.2018i	-0.0907+0.1811i	-0.0992+0.2943i	-0.1294+0.3071i
57.2	0.2337+0.1238i	0.4963-0.2690i	0.2846-0.3155i	0.2664+0.2837i	-0.0584+0.2040i	-0.0742+0.1823i	-0.0720+0.2962i	-0.1043+0.3060i
57.3	0.2453+0.1161i	0.4861-0.2682i	0.2518-0.3005i	0.2884+0.2591i	-0.0464+0.1948i	-0.0643+0.1723i	-0.0554+0.2829i	-0.0883+0.2915i
57.4	0.2547+0.1182i	0.4880-0.2648i	0.2639-0.2709i	0.2931+0.2512i	-0.0366+0.1947i	-0.0560+0.1709i	-0.0390+0.2836i	-0.0729+0.2884i
57.5	0.2566+0.1178i	0.4802-0.2667i	0.2717-0.2756i	0.3085+0.2593i	-0.0314+0.1972i	-0.0511+0.1708i	-0.0325+0.2829i	-0.0673+0.2930i
57.6	0.2728+0.1063i	0.4671-0.2804i	0.2847-0.2726i	0.3091+0.2546i	-0.0193+0.1873i	-0.0403+0.1605i	-0.0145+0.2656i	-0.0546+0.2732i
57.7	0.2875+0.1055i	0.4585-0.2731i	0.2755-0.2826i	0.3276+0.2771i	-0.0048+0.1816i	-0.0290+0.1560i	0.0067+0.2561i	-0.0339+0.2665i
57.8	0.3021+0.1046i	0.4472-0.2840i	0.2819-0.2985i	0.3398+0.2849i	0.0029+0.1763i	-0.0230+0.1497i	0.0191+0.2446i	-0.0245+0.2582i
57.9	0.3111+0.1087i	0.4474-0.2831i	0.2868-0.2892i	0.3483+0.2844i	0.0113+0.1723i	-0.0162+0.1443i	0.0330+0.2374i	-0.0132+0.2488i
58.0	0.3189+0.1101i	0.4406-0.2811i	0.2883-0.2920i	0.3640+0.2879i	0.0163+0.1663i	-0.0131+0.1381i	0.0380+0.2266i	-0.0083+0.2369i
58.1	0.3371+0.1107i	0.4301-0.2902i	0.2861-0.3103i	0.3707+0.2971i	0.0249+0.1615i	-0.0057+0.1328i	0.0516+0.2155i	0.0023+0.2283i
58.2	0.3608+0.1171i	0.4125-0.3137i	0.2800-0.3314i	0.3887+0.3146i	0.0341+0.1582i	-0.0002+0.1306i	0.0624+0.2067i	0.0147+0.2292i
58.3	0.3741+0.1093i	0.4118-0.3175i	0.2704-0.3436i	0.4320+0.3163i	0.0354+0.1517i	0.0009+0.1256i	0.0595+0.1963i	0.0199+0.2217i
58.4	0.3936+0.1035i	0.4001-0.3052i	0.2614-0.3414i	0.4529+0.3173i	0.0395+0.1397i	0.0035+0.1119i	0.0597+0.1768i	0.0252+0.1973i
58.5	0.4115+0.0875i	0.3820-0.2972i	0.2502-0.3589i	0.4631+0.3203i	0.0456+0.1245i	0.0065+0.0966i	0.0656+0.1538i	0.0248+0.1719i
58.6	0.4274+0.0891i	0.3621-0.2936i	0.2262-0.3408i	0.5044+0.3052i	0.0484+0.1180i	0.0075+0.0920i	0.0703+0.1465i	0.0243+0.1635i
58.7	0.4478+0.0869i	0.3503-0.2894i	0.2423-0.3266i	0.5102+0.2840i	0.0556+0.1117i	0.0137+0.0866i	0.0810+0.1359i	0.0362+0.1536i
58.8	0.4617+0.0726i	0.3381-0.2679i	0.2466-0.3239i	0.5257+0.2768i	0.0560+0.0975i	0.0123+0.0721i	0.0784+0.1119i	0.0349+0.1306i
58.9	0.4687+0.0565i	0.3403-0.2586i	0.2489-0.3296i	0.5535+0.2694i	0.0497+0.0850i	0.0044+0.0608i	0.0679+0.0909i	0.0240+0.1138i
59.0	0.4978+0.0424i	0.3343-0.2542i	0.2561-0.3176i	0.5684+0.2310i	0.0521+0.0679i	0.0041+0.0473i	0.0669+0.0677i	0.0217+0.0896i
59.1	0.5095+0.0227i	0.3302-0.2476i	0.2760-0.3138i	0.5578+0.2073i	0.0503+0.0595i	0.0010+0.0402i	0.0605+0.0544i	0.0173+0.0801i
59.2	0.5257+0.0096i	0.3318-0.2351i	0.2898-0.3004i	0.5428+0.1873i	0.0430+0.0525i	-0.0061+0.0337i	0.0478+0.0438i	0.0051+0.0735i
59.3	0.5284-0.0144i	0.3359-0.2297i	0.3048-0.2995i	0.5363+0.1707i	0.0312+0.0430i	-0.0189+0.0266i	0.0267+0.0307i	-0.0153+0.0615i
59.4	0.5230-0.0391i	0.3410-0.2202i	0.3240-0.3014i	0.5276+0.1452i	0.0206+0.0358i	-0.0310+0.0221i	0.0056+0.0208i	-0.0324+0.0553i
59.5	0.5320-0.0581i	0.3404-0.2076i	0.3436-0.3071i	0.5192+0.1373i	0.0117+0.0285i	-0.0403+0.0155i	-0.0120+0.0091i	-0.0466+0.0476i
59.6	0.5280-0.0816i	0.3474-0.2018i	0.3646-0.3284i	0.5023+0.1407i	-0.0068+0.0282i	-0.0596+0.0179i	-0.0447+0.0120i	-0.0736+0.0543i
59.7	0.5266-0.0936i	0.3580-0.2051i	0.3934-0.3474i	0.4752+0.1306i	-0.0170+0.0299i	-0.0716+0.0221i	-0.0641+0.0191i	-0.0870+0.0608i
59.8	0.5279-0.1116i	0.3737-0.2136i	0.4322-0.3805i	0.4363+0.1415i	-0.0297+0.0307i	-0.0839+0.0255i	-0.0860+0.0237i	-0.1043+0.0632i
59.9	0.5854-0.0382i	0.4612-0.1115i	0.5281-0.4307i	0.4598+0.1456i	-0.0381+0.0332i	-0.0924+0.0273i	-0.1037+0.0327i	-0.1128+0.0714i
60.0	0.6717+0.1534i	0.6007+0.1143i	0.7112-0.4755i	0.5244+0.1357i	-0.0387+0.0449i	-0.0919+0.0388i	-0.1127+0.0593i	-0.0997+0.0996i
60.1	0.4921-0.0149i	0.4041-0.0739i	0.5550-0.4585i	0.4516+0.2050i	-0.0571+0.0652i	-0.1097+0.0635i	-0.1398+0.0903i	-0.1361+0.1306i
60.2	0.4790-0.1515i	0.3884-0.2359i	0.4533-0.5527i	0.4097+0.2333i	-0.0733+0.0803i	-0.1259+0.0814i	-0.1619+0.1179i	-0.1595+0.1509i
60.3	0.4774-0.1639i	0.3905-0.2477i	0.4311-0.6181i	0.4209+0.2696i	-0.0764+0.0995i	-0.1292+0.1019i	-0.1685+0.1543i	-0.1581+0.1786i
60.4	0.4638-0.1684i	0.3879-0.2682i	0.3910-0.6711i	0.4417+0.3077i	-0.0732+0.1199i	-0.1249+0.1244i	-0.1637+0.1947i	-0.1478+0.2061i
60.5	0.4617-0.1614i	0.3769-0.2798i	0.3573-0.6973i	0.4595+0.3339i	-0.0646+0.1300i	-0.1151+0.1367i	-0.1487+0.2181i	-0.1348+0.2201i
60.6	0.4671-0.1633i	0.3710-0.2836i	0.3468-0.7210i	0.4755+0.3591i	-0.0591+0.1365i	-0.1097+0.1448i	-0.1385+0.2318i	-0.1252+0.2275i
60.7	0.4630-0.1724i	0.3729-0.2725i	0.3067-0.7629i	0.5103+0.3885i	-0.0508+0.1474i	-0.0994+0.1563i	-0.1237+0.2546i	-0.1097+0.2398i
60.8	0.4582-0.1634i	0.3614-0.2819i	0.2394-0.7760i	0.5570+0.3943i	-0.0398+0.1581i	-0.0873+0.1691i	-0.1032+0.2793i	-0.0930+0.2532i
60.9	0.4633-0.1525i	0.3580-0.2819i	0.2198-0.7561i	0.5771+0.3794i	-0.0279+0.1578i	-0.0741+0.1681i	-0.0796+0.2804i	-0.0746+0.2489i
61.0	0.4603-0.1578i	0.3471-0.2768i	0.1665-0.7557i	0.6132+0.3813i	-0.0146+0.1636i	-0.0596+0.1749i	-0.0507+0.2952i	-0.0556+0.2513i
61.1	0.4624-0.1555i	0.3285-0.2655i	0.1180-0.7451i	0.6396+0.3737i	-0.0046+0.1685i	-0.0462+0.1779i	-0.0263+0.3029i	-0.0391+0.2558i
61.2	0.4587-0.1572i	0.3220-0.2689i	0.0646-0.7460i	0.6661+0.3655i	0.0096+0.1785i	-0.0303+0.1891i	0.0024+0.3184i	-0.0196+0.2705i
61.3	0.4609-0.1591i	0.3233-0.2557i	0.0368-0.7244i	0.6949+0.3507i	0.0234+0.1776i	-0.0155+0.1882i	0.0309+0.3179i	0.0002+0.2687i
61.4	0.4603-0.1605i	0.3282-0.2552i	0.0160-0.7109i	0.7392+0.3306i	0.0362+0.1742i	-0.0033+0.1840i	0.0569+0.3128i	0.0156+0.2646i
61.5	0.4621-0.1717i	0.3153-0.2609i	-0.0083-0.7273i	0.7603+0.3295i	0.0427+0.1683i	0.0051+0.1785i	0.0695+0.3048i	0.0236+0.2535i
61.6	0.4691-0.1803i	0.3196-0.2534i	-0.0317-0.7249i	0.7823+0.3157i	0.0498+0.1679i	0.0124+0.1778i	0.0816+0.3014i	0.0336+0.2501i
61.7	0.4734-0.1904i	0.3250-0.2438i	-0.0405-0.6978i	0.7973+0.3080i	0.0551+0.1622i	0.0173+0.1721i	0.0931+0.2910i	0.0396+0.2405i
61.8	0.4721-0.1842i	0.3139-0.2444i	-0.0678-0.6879i	0.8130+0.3099i	0.0567+0.1583i	0.0190+0.1676i	0.0982+0.2857i	0.0385+0.2344i
61.9	0.4645-0.1846i	0.3187-0.2297i	-0.0967-0.6512i	0.8203+0.2700i	0.0664+0.1556i	0.0294+0.1634i	0.1165+0.2776i	0.0528+0.2341i
62.0	0.4696-0.1900i	0.3135-0.2248i	-0.1088-0.6321i	0.8273+0.2380i	0.0749+0.1510i	0.0398+0.1576i	0.1331+0.2679i	0.0652+0.2267i
62.1	0.4737-0.1866i	0.3040-0.2349i	-0.1110-0.6074i	0.8379+0.2230i	0.0842+0.1457i	0.0498+0.1544i	0.1487+0.2598i	0.0799+0.2166i
62.2	0.4694-0.1923i	0.3152-0.2373i	-0.1180-0.5841i	0.8497+0.2009i	0.0902+0.1424i	0.0554+0.1507i	0.1605+0.2532i	0.0872+0.2113i
62.3	0.4681-0.1994i	0.3308-0.2363i	-0.1371-0.5852i	0.8565+0.1964i	0.0932+0.1395i	0.0571+0.1471i	0.1679+0.2454i	0.0909+0.2078i

62.4	0.4854−0.2125i	0.3396−0.2326i	−0.1208−0.5839i	0.8613+0.1911i	0.0936+0.1275i	0.0562+0.1357i	0.1722+0.2271i	0.0888+0.1896i
62.5	0.4833−0.2168i	0.3293−0.2026i	−0.1254−0.5567i	0.8776+0.1632i	0.0998+0.1232i	0.0625+0.1325i	0.1825+0.2203i	0.0962+0.1856i
62.6	0.4764−0.2250i	0.3354−0.2123i	−0.1155−0.5442i	0.8628+0.1481i	0.1007+0.1166i	0.0655+0.1249i	0.1880+0.2085i	0.0960+0.1762i
62.7	0.4667−0.2186i	0.3428−0.2216i	−0.1145−0.5216i	0.8578+0.1398i	0.1073+0.1139i	0.0712+0.1200i	0.1998+0.1995i	0.1018+0.1686i
62.8	0.4694−0.2244i	0.3423−0.2185i	−0.1193−0.5314i	0.8688+0.1335i	0.1066+0.1079i	0.0711+0.1144i	0.1980+0.1910i	0.1039+0.1589i
62.9	0.4804−0.2166i	0.3517−0.2217i	−0.1132−0.5368i	0.8724+0.1310i	0.1073+0.1055i	0.0718+0.1124i	0.1983+0.1866i	0.1041+0.1555i
63.0	0.4728−0.2266i	0.3495−0.2177i	−0.1203−0.5182i	0.8868+0.1225i	0.1085+0.1062i	0.0727+0.1122i	0.2050+0.1834i	0.1004+0.1590i
63.1	0.4792−0.2235i	0.3608−0.2241i	−0.1160−0.5145i	0.8801+0.1103i	0.1119+0.1002i	0.0750+0.1059i	0.2100+0.1734i	0.1052+0.1475i
63.2	0.4807−0.2147i	0.3678−0.2304i	−0.1113−0.4973i	0.8697+0.1033i	0.1165+0.0943i	0.0791+0.1011i	0.2186+0.1643i	0.1140+0.1378i
63.3	0.4810−0.2303i	0.3726−0.2141i	−0.1008−0.5038i	0.8694+0.1152i	0.1133+0.0884i	0.0772+0.0959i	0.2171+0.1552i	0.1067+0.1287i
63.4	0.4766−0.2333i	0.3583−0.2143i	−0.1114−0.4936i	0.8737+0.0915i	0.1168+0.0817i	0.0806+0.0876i	0.2233+0.1414i	0.1108+0.1198i
63.5	0.4781−0.2254i	0.3668−0.2272i	−0.1291−0.4718i	0.8799+0.0758i	0.1230+0.0796i	0.0862+0.0847i	0.2336+0.1351i	0.1175+0.1183i
63.6	0.4762−0.2378i	0.3736−0.2210i	−0.1354−0.4674i	0.8891+0.0685i	0.1252+0.0788i	0.0909+0.0846i	0.2418+0.1338i	0.1223+0.1169i
63.7	0.4812−0.2365i	0.3710−0.2310i	−0.1229−0.4708i	0.8924+0.0615i	0.1248+0.0709i	0.0902+0.0772i	0.2404+0.1202i	0.1189+0.1047i
63.8	0.4754−0.2240i	0.3682−0.2376i	−0.1224−0.4526i	0.8904+0.0550i	0.1276+0.0641i	0.0915+0.0702i	0.2430+0.1074i	0.1208+0.0961i
63.9	0.4741−0.2283i	0.3610−0.2387i	−0.1252−0.4521i	0.8805+0.0551i	0.1269+0.0589i	0.0908+0.0640i	0.2447+0.0958i	0.1191+0.0857i
64.0	0.4831−0.2288i	0.3654−0.2447i	−0.1101−0.4610i	0.8770+0.0607i	0.1246+0.0501i	0.0877+0.0560i	0.2406+0.0814i	0.1127+0.0743i
64.1	0.4903−0.2463i	0.3724−0.2514i	−0.1047−0.4614i	0.8851+0.0581i	0.1215+0.0443i	0.0851+0.0526i	0.2354+0.0731i	0.1089+0.0692i
64.2	0.4844−0.2368i	0.3759−0.2500i	−0.0962−0.4484i	0.8668+0.0487i	0.1251+0.0415i	0.0888+0.0474i	0.2418+0.0686i	0.1139+0.0618i
64.3	0.4846−0.2319i	0.3663−0.2472i	−0.0880−0.4532i	0.8660+0.0500i	0.1269+0.0357i	0.0903+0.0408i	0.2441+0.0599i	0.1158+0.0509i
64.4	0.4861−0.2228i	0.3809−0.2448i	−0.0871−0.4432i	0.8877+0.0480i	0.1275+0.0335i	0.0899+0.0405i	0.2454+0.0563i	0.1153+0.0479i
64.5	0.4978−0.2232i	0.3698−0.2581i	−0.0869−0.4611i	0.8765+0.0625i	0.1230+0.0242i	0.0856+0.0306i	0.2406+0.0397i	0.1032+0.0332i
64.6	0.4979−0.2175i	0.3761−0.2587i	−0.0819−0.4602i	0.8732+0.0633i	0.1249+0.0163i	0.0866+0.0225i	0.2459+0.0251i	0.1027+0.0206i
64.7	0.5108−0.2114i	0.3781−0.2637i	−0.0775−0.4655i	0.8767+0.0726i	0.1206+0.0088i	0.0817+0.0157i	0.2387+0.0116i	0.0920+0.0098i
64.8	0.5033−0.2071i	0.3797−0.2666i	−0.0847−0.4526i	0.8892+0.0638i	0.1214+0.0039i	0.0832+0.0097i	0.2428+0.0013i	0.0933+0.0017i
64.9	0.5088−0.2020i	0.3843−0.2704i	−0.0882−0.4480i	0.9053+0.0561i	0.1235+0.0036i	0.0847+0.0083i	0.2471−0.0016i	0.0969+0.0009i
65.0	0.5247−0.2074i	0.3900−0.2717i	−0.0832−0.4549i	0.9089+0.0550i	0.1182−0.0044i	0.0790+0.0020i	0.2431−0.0131i	0.0844−0.0104i
65.1	0.5279−0.1922i	0.3934−0.2733i	−0.0924−0.4487i	0.9293+0.0678i	0.1157−0.0087i	0.0765−0.0036i	0.2392−0.0257i	0.0738−0.0151i
65.2	0.5424−0.2127i	0.3873−0.2896i	−0.1119−0.4539i	0.9582+0.0587i	0.1120−0.0061i	0.0732−0.0017i	0.2323−0.0267i	0.0678−0.0063i
65.3	0.5597−0.2310i	0.3816−0.2830i	−0.1212−0.4797i	0.9740+0.0677i	0.1015−0.0103i	0.0632−0.0059i	0.2174−0.0358i	0.0490−0.0045i
65.4	0.5637−0.2149i	0.3864−0.2888i	−0.1069−0.4618i	0.9793+0.0528i	0.1006−0.0171i	0.0613−0.0111i	0.2156−0.0479i	0.0480−0.0136i
65.5	0.5828−0.1957i	0.3902−0.3014i	−0.0871−0.4619i	0.9772+0.0644i	0.0990−0.0237i	0.0573−0.0175i	0.2052−0.0609i	0.0452−0.0216i
65.6	0.6084−0.2064i	0.3855−0.2958i	−0.1163−0.4721i	1.0164+0.0570i	0.0881−0.0223i	0.0473−0.0184i	0.1900−0.0614i	0.0253−0.0156i
65.7	0.6361−0.2146i	0.3772−0.3091i	−0.1205−0.4824i	1.0395+0.0587i	0.0765−0.0295i	0.0344−0.0253i	0.1742−0.0745i	0.0033−0.0233i
65.8	0.6139−0.2126i	0.3687−0.3084i	−0.1126−0.4495i	1.0229+0.0329i	0.0795−0.0297i	0.0382−0.0255i	0.1766−0.0764i	0.0138−0.0242i
65.9	0.6422−0.2287i	0.3582−0.3141i	−0.1061−0.4610i	1.0400+0.0276i	0.0751−0.0304i	0.0330−0.0250i	0.1701−0.0782i	0.0016−0.0261i
66.0	0.6593−0.2458i	0.3449−0.3351i	−0.1213−0.4852i	1.0544+0.0100i	0.0667−0.0316i	0.0247−0.0257i	0.1549−0.0839i	−0.0142−0.0250i
66.1	0.6687−0.2608i	0.3493−0.3306i	−0.1333−0.4801i	1.0698+0.0038i	0.0597−0.0305i	0.0172−0.0253i	0.1413−0.0813i	−0.0212−0.0166i
66.2	0.6833−0.2737i	0.3465−0.3167i	−0.1362−0.4780i	1.0686+0.0020i	0.0569−0.0310i	0.0158−0.0262i	0.1371−0.0862i	−0.0233−0.0182i
66.3	0.7096−0.2644i	0.3297−0.3152i	−0.1224−0.4857i	1.0830+0.0075i	0.0533−0.0365i	0.0107−0.0304i	0.1285−0.0950i	−0.0304−0.0250i
66.4	0.7239−0.2756i	0.3202−0.3241i	−0.1097−0.4867i	1.0989−0.0028i	0.0507−0.0422i	0.0068−0.0344i	0.1204−0.1030i	−0.0374−0.0332i
66.5	0.7294−0.3048i	0.3167−0.3168i	−0.1195−0.4812i	1.1132−0.0196i	0.0426−0.0408i	−0.0009−0.0340i	0.1089−0.1000i	−0.0506−0.0318i
66.6	0.7458−0.3332i	0.3225−0.3046i	−0.1468−0.4879i	1.1569−0.0350i	0.0324−0.0318i	−0.0138−0.0238i	0.0916−0.0833i	−0.0659−0.0135i
66.7	0.7544−0.3345i	0.3261−0.3013i	−0.1546−0.4795i	1.1608−0.0509i	0.0312−0.0286i	−0.0159−0.0221i	0.0880−0.0786i	−0.0659−0.0115i
66.8	0.7738−0.3348i	0.3139−0.3061i	−0.1438−0.4834i	1.1526−0.0552i	0.0247−0.0349i	−0.0205−0.0274i	0.0835−0.0880i	−0.0829−0.0205i
66.9	0.7548−0.3590i	0.3198−0.2965i	−0.1421−0.4755i	1.1518−0.0691i	0.0247−0.0271i	−0.0210−0.0205i	0.0844−0.0761i	−0.0816−0.0085i
67.0	0.7767−0.3743i	0.3055−0.2888i	−0.1317−0.4780i	1.1710−0.0855i	0.0170−0.0258i	−0.0304−0.0183i	0.0707−0.0755i	−0.1006−0.0020i
67.1	0.7730−0.3968i	0.2987−0.2868i	−0.1376−0.4786i	1.1877−0.0913i	0.0125−0.0236i	−0.0346−0.0161i	0.0631−0.0724i	−0.1072+0.0069i
67.2	0.7736−0.3991i	0.3069−0.2730i	−0.1489−0.4570i	1.1930−0.1047i	0.0136−0.0202i	−0.0337−0.0123i	0.0643−0.0700i	−0.1022+0.0171i
67.3	0.7774−0.4186i	0.2938−0.2761i	−0.1572−0.4593i	1.1828−0.1364i	0.0083−0.0138i	−0.0398−0.0064i	0.0516−0.0639i	−0.1069+0.0278i
67.4	0.8075−0.4304i	0.2877−0.2588i	−0.1533−0.4594i	1.2061−0.1291i	0.0018−0.0130i	−0.0466−0.0065i	0.0390−0.0608i	−0.1169+0.0265i
67.5	0.8286−0.4434i	0.2850−0.2488i	−0.1614−0.4350i	1.2254−0.1253i	−0.0008−0.0146i	−0.0490−0.0059i	0.0334−0.0560i	−0.1233+0.0233i
67.6	0.8144−0.4669i	0.2782−0.2449i	−0.1564−0.4373i	1.2306−0.1458i	−0.0003−0.0092i	−0.0491−0.0003i	0.0319−0.0414i	−0.1205+0.0262i
67.7	0.8153−0.4951i	0.2901−0.2455i	−0.1591−0.4380i	1.2400−0.1749i	0.0005−0.0029i	−0.0505+0.0071i	0.0343−0.0295i	−0.1214+0.0340i
67.8	0.8208−0.4914i	0.2770−0.2279i	−0.1654−0.4298i	1.2296−0.1796i	−0.0062−0.0032i	−0.0556+0.0066i	0.0308−0.0280i	−0.1369+0.0344i
67.9	0.8327−0.4998i	0.2897−0.2060i	−0.1529−0.4259i	1.2461−0.1858i	−0.0090+0.0020i	−0.0588+0.0112i	0.0303−0.0179i	−0.1448+0.0368i
68.0	0.8423−0.5103i	0.2759−0.1983i	−0.1598−0.4212i	1.2460−0.1783i	−0.0136+0.0032i	−0.0654+0.0129i	0.0269−0.0146i	−0.1581+0.0417i
68.1	0.8188−0.5257i	0.2769−0.1755i	−0.1655−0.4087i	1.2496−0.1891i	−0.0104+0.0126i	−0.0626+0.0237i	0.0356+0.0009i	−0.1562+0.0577i
68.2	0.8238−0.5459i	0.3011−0.1610i	−0.1679−0.3891i	1.2772−0.2192i	−0.0052+0.0199i	−0.0593+0.0308i	0.0496+0.0098i	−0.1560+0.0702i
68.3	0.8531−0.5700i	0.3220−0.1444i	−0.1464−0.4015i	1.3019−0.2165i	−0.0129+0.0255i	−0.0676+0.0350i	0.0392+0.0155i	−0.1726+0.0850i
68.4	0.8544−0.5925i	0.3385−0.1499i	−0.1392−0.4092i	1.3096−0.2221i	−0.0126+0.0306i	−0.0671+0.0416i	0.0439+0.0245i	−0.1741+0.0991i
68.5	0.8734−0.5776i	0.3406−0.1388i	−0.1206−0.4059i	1.3173−0.2187i	−0.0138+0.0354i	−0.0692+0.0463i	0.0468+0.0280i	−0.1833+0.1084i
68.6	0.8778−0.6126i	0.3553−0.1206i	−0.1279−0.4064i	1.3501−0.2246i	−0.0129+0.0448i	−0.0693+0.0547i	0.0526+0.0417i	−0.1832+0.1221i

68.7	0.8832−0.6338i	0.3791−0.1164i	−0.1248−0.4112i	1.3755−0.2294i	−0.0085+0.0516i	−0.0672+0.0612i	0.0603+0.0513i	−0.1779+0.1345i
68.8	0.8876−0.6334i	0.3835−0.1112i	−0.1143−0.3999i	1.3620−0.2489i	−0.0087+0.0513i	−0.0671+0.0607i	0.0631+0.0483i	−0.1804+0.1414i
68.9	0.9378−0.6288i	0.4113−0.0786i	−0.1029−0.3946i	1.4125−0.2306i	−0.0128+0.0615i	−0.0707+0.0698i	0.0608+0.0597i	−0.1953+0.1606i
69.0	0.9472−0.6456i	0.4408−0.0798i	−0.0901−0.3947i	1.4490−0.2538i	−0.0078+0.0660i	−0.0682+0.0750i	0.0687+0.0643i	−0.1906+0.1711i
69.1	0.9275−0.6995i	0.4761−0.0957i	−0.0769−0.4134i	1.4654−0.3004i	0.0048+0.0729i	−0.0578+0.0831i	0.0916+0.0748i	−0.1714+0.1859i
69.2	0.9625−0.7070i	0.4798−0.0680i	−0.0745−0.4028i	1.5037−0.3025i	0.0066+0.0820i	−0.0565+0.0916i	0.0975+0.0886i	−0.1763+0.1979i
69.3	0.9919−0.7337i	0.4838−0.0697i	−0.0675−0.3925i	1.5214−0.3220i	0.0064+0.0861i	−0.0558+0.0958i	0.1026+0.0941i	−0.1844+0.2040i
69.4	1.0122−0.7903i	0.5325−0.0886i	−0.0372−0.4059i	1.5755−0.3927i	0.0239+0.0912i	−0.0445+0.1050i	0.1339+0.1019i	−0.1665+0.2205i
69.5	1.0330−0.8355i	0.5698−0.0799i	−0.0175−0.4198i	1.5912−0.4272i	0.0345+0.0959i	−0.0368+0.1098i	0.1592+0.1077i	−0.1627+0.2336i
69.6	1.0652−0.8613i	0.6046−0.0829i	0.0119−0.4334i	1.6306−0.4525i	0.0455+0.0926i	−0.0294+0.1078i	0.1878+0.0940i	−0.1648+0.2369i
69.7	1.0209−0.8634i	0.6085−0.0676i	−0.0106−0.4118i	1.6024−0.4639i	0.0509+0.0900i	−0.0234+0.1045i	0.2025+0.0803i	−0.1584+0.2386i
69.8	1.0251−0.9175i	0.6343−0.0978i	−0.0027−0.4312i	1.6271−0.5205i	0.0550+0.0876i	−0.0194+0.1068i	0.2157+0.0669i	−0.1585+0.2501i
69.9	1.0390−0.9884i	0.6796−0.1237i	0.0128−0.4681i	1.6551−0.5831i	0.0636+0.0842i	−0.0130+0.1073i	0.2360+0.0461i	−0.1534+0.2687i
70.0	1.1012−1.0155i	0.7445−0.1262i	0.0549−0.4939i	1.7079−0.6134i	0.0745+0.0837i	−0.0081+0.1090i	0.2505+0.0348i	−0.1436+0.2877i
70.1	1.1601−1.0009i	0.7778−0.1096i	0.0787−0.4782i	1.7529−0.5896i	0.0794+0.0799i	−0.0079+0.1056i	0.2580+0.0170i	−0.1436+0.2934i
70.2	1.1440−1.0599i	0.8036−0.1418i	0.0901−0.4755i	1.7613−0.6488i	0.0855+0.0766i	−0.0025+0.1043i	0.2633−0.0024i	−0.1280+0.3017i
70.3	1.1595−1.1070i	0.8467−0.1736i	0.1125−0.5026i	1.7916−0.6936i	0.0894+0.0717i	0.0028+0.1028i	0.2666−0.0206i	−0.1160+0.3127i
70.4	1.1147−1.2353i	0.8633−0.2370i	0.0845−0.5578i	1.7784−0.8033i	0.0956+0.0658i	0.0086+0.1045i	0.2701−0.0423i	−0.1054+0.3260i
70.5	1.1122−1.3269i	0.8871−0.2973i	0.0890−0.6051i	1.7993−0.8982i	0.1006+0.0585i	0.0112+0.1027i	0.2750−0.0619i	−0.0974+0.3293i
70.6	1.1156−1.3666i	0.9073−0.3395i	0.1214−0.6296i	1.8101−0.9434i	0.1004+0.0523i	0.0112+0.0989i	0.2697−0.0854i	−0.0943+0.3390i
70.7	1.0818−1.4219i	0.9090−0.3680i	0.1284−0.6529i	1.7761−1.0180i	0.1025+0.0474i	0.0135+0.0965i	0.2663−0.1022i	−0.0858+0.3467i
70.8	1.1068−1.4997i	0.9550−0.4294i	0.1650−0.6905i	1.8034−1.1058i	0.1070+0.0379i	0.0148+0.0928i	0.2701−0.1235i	−0.0774+0.3512i
70.9	1.1109−1.5770i	0.9840−0.4789i	0.1807−0.7614i	1.8210−1.1684i	0.1059+0.0330i	0.0142+0.0923i	0.2665−0.1429i	−0.0735+0.3601i
71.0	1.0493−1.6379i	0.9629−0.5431i	0.1550−0.8199i	1.7776−1.2435i	0.1051+0.0283i	0.0161+0.0913i	0.2568−0.1619i	−0.0624+0.3707i
71.1	0.9570−1.7239i	0.9212−0.6001i	0.1132−0.8697i	1.6980−1.3146i	0.0999+0.0227i	0.0163+0.0916i	0.2425−0.1806i	−0.0515+0.3834i
71.2	0.9474−1.7655i	0.9103−0.6391i	0.1045−0.9074i	1.6890−1.3583i	0.0960+0.0179i	0.0128+0.0883i	0.2246−0.1986i	−0.0470+0.3923i
71.3	0.9346−1.9329i	0.9167−0.7310i	0.1013−1.0147i	1.6917−1.4932i	0.0952+0.0129i	0.0145+0.0926i	0.2075−0.2213i	−0.0299+0.4131i
71.4	0.9291−1.9629i	0.9414−0.7615i	0.1117−1.0418i	1.6776−1.5226i	0.1014+0.0094i	0.0195+0.0918i	0.2038−0.2388i	−0.0103+0.4215i
71.5	0.8408−2.0346i	0.8867−0.7837i	0.0410−1.0795i	1.6079−1.5906i	0.0977+0.0092i	0.0193+0.0949i	0.1821−0.2447i	0.0039+0.4390i
71.6	0.7324−2.0656i	0.8471−0.8048i	−0.0339−1.0885i	1.5351−1.6340i	0.0939+0.0087i	0.0212+0.0944i	0.1562−0.2533i	0.0358+0.4548i
71.7	0.6871−2.1585i	0.8132−0.8849i	−0.0739−1.1800i	1.5058−1.7071i	0.0897−0.0016i	0.0198+0.0935i	0.1267−0.2682i	0.0563+0.4515i
71.8	0.6429−2.2949i	0.7923−0.9561i	−0.1007−1.2758i	1.4710−1.7944i	0.0873−0.0080i	0.0200+0.0955i	0.0982−0.2726i	0.0794+0.4492i
71.9	0.5154−2.3720i	0.7368−1.0066i	−0.1838−1.3214i	1.3787−1.8834i	0.0846−0.0109i	0.0225+0.0954i	0.0686−0.2725i	0.1138+0.4441i
72.0	0.4292−2.3858i	0.6986−1.0100i	−0.2527−1.3254i	1.3274−1.9041i	0.0833−0.0135i	0.0252+0.0934i	0.0563−0.2724i	0.1305+0.4368i
72.1	0.2497−2.3769i	0.6122−0.9901i	−0.3728−1.2907i	1.1973−1.8987i	0.0779−0.0102i	0.0278+0.0956i	0.0332−0.2517i	0.1544+0.4228i
72.2	0.1133−2.4592i	0.5495−1.0333i	−0.4810−1.3369i	1.1008−1.9817i	0.0744−0.0083i	0.0299+0.1021i	0.0096−0.2256i	0.1772+0.4142i
72.3	0.0402−2.5372i	0.5256−1.0864i	−0.5275−1.3735i	1.0491−2.0499i	0.0711−0.0128i	0.0307+0.1011i	−0.0090−0.2174i	0.1939+0.4011i
72.4	−0.0699−2.6340i	0.4839−1.1466i	−0.5957−1.4559i	0.9908−2.1273i	0.0684−0.0181i	0.0329+0.1003i	−0.0225−0.2088i	0.2121+0.3843i
72.5	−0.2399−2.6576i	0.4151−1.1640i	−0.7100−1.4661i	0.8734−2.1633i	0.0670−0.0159i	0.0395+0.1040i	−0.0283−0.1838i	0.2272+0.3653i
72.6	−0.2880−2.6229i	0.3901−1.1480i	−0.7362−1.4046i	0.8281−2.1417i	0.0672−0.0147i	0.0427+0.1038i	−0.0317−0.1733i	0.2372+0.3626i
72.7	−0.4037−2.6053i	0.3537−1.1161i	−0.7995−1.3624i	0.7547−2.1331i	0.0699−0.0127i	0.0485+0.1042i	−0.0305−0.1569i	0.2552+0.3499i
72.8	−0.5604−2.5594i	0.2992−1.0990i	−0.9110−1.3326i	0.6398−2.1397i	0.0688−0.0121i	0.0540+0.1040i	−0.0331−0.1396i	0.2641+0.3312i
72.9	−0.6987−2.4765i	0.2434−1.0809i	−1.0017−1.2831i	0.5316−2.1116i	0.0650−0.0116i	0.0575+0.1020i	−0.0243−0.1302i	0.2619+0.3132i
73.0	−0.8973−2.5225i	0.1547−1.0924i	−1.1500−1.3120i	0.4132−2.1517i	0.0584−0.0165i	0.0600+0.0983i	−0.0232−0.1199i	0.2598+0.2908i
73.1	−0.9444−2.4580i	0.1364−1.0641i	−1.1580−1.2500i	0.3767−2.1078i	0.0554−0.0199i	0.0605+0.0912i	−0.0242−0.1155i	0.2573+0.2748i
73.2	−1.0948−2.3350i	0.0960−1.0176i	−1.2391−1.1410i	0.2687−2.0353i	0.0553−0.0167i	0.0664+0.0903i	−0.0108−0.1010i	0.2574+0.2611i
73.3	−1.2816−2.3158i	0.0320−0.9974i	−1.3593−1.1050i	0.1317−2.0222i	0.0495−0.0146i	0.0707+0.0894i	−0.0043−0.0884i	0.2526+0.2489i
73.4	−1.3149−2.2704i	0.0277−0.9867i	−1.3681−1.0756i	0.1016−1.9984i	0.0473−0.0171i	0.0716+0.0862i	−0.0028−0.0880i	0.2513+0.2419i
73.5	−1.4017−2.1613i	0.0130−0.9481i	−1.4167−0.9920i	0.0360−1.9346i	0.0444−0.0135i	0.0726+0.0830i	0.0019−0.0862i	0.2512+0.2427i
73.6	−1.5281−2.0329i	−0.0199−0.8994i	−1.4796−0.9128i	−0.0458−1.8508i	0.0436−0.0112i	0.0746+0.0801i	0.0149−0.0883i	0.2490+0.2340i
73.7	−1.5923−1.9771i	−0.0277−0.8827i	−1.4910−0.8695i	−0.0750−1.8111i	0.0457−0.0098i	0.0776+0.0787i	0.0181−0.0873i	0.2530+0.2292i
73.8	−1.6500−1.8837i	−0.0361−0.8583i	−1.5023−0.8218i	−0.1157−1.7576i	0.0439−0.0110i	0.0795+0.0725i	0.0200−0.0874i	0.2538+0.2168i
73.9	−1.7355−1.8179i	−0.0475−0.8221i	−1.5703−0.7813i	−0.1597−1.7171i	0.0406−0.0114i	0.0804+0.0702i	0.0207−0.0858i	0.2518+0.2092i
74.0	−1.7524−1.6885i	−0.0490−0.7726i	−1.5869−0.6661i	−0.1628−1.6436i	0.0415−0.0079i	0.0802+0.0651i	0.0268−0.0863i	0.2493+0.2038i
74.1	−1.7592−1.5715i	−0.0495−0.7552i	−1.5987−0.5927i	−0.1714−1.5829i	0.0413−0.0075i	0.0788+0.0618i	0.0289−0.0884i	0.2484+0.1934i
74.2	−1.8023−1.4791i	−0.0646−0.7395i	−1.6155−0.5291i	−0.2040−1.5318i	0.0389−0.0062i	0.0751+0.0606i	0.0280−0.0902i	0.2410+0.1921i
74.3	−1.8185−1.3718i	−0.0554−0.6937i	−1.6448−0.4081i	−0.1930−1.4861i	0.0374−0.0005i	0.0765+0.0598i	0.0333−0.0910i	0.2368+0.1968i
74.4	−1.8597−1.2692i	−0.0287−0.6773i	−1.6581−0.3231i	−0.2093−1.4414i	0.0402+0.0008i	0.0795+0.0581i	0.0457−0.0954i	0.2380+0.1972i
74.5	−1.8459−1.1903i	−0.0018−0.6789i	−1.6209−0.2975i	−0.2057−1.4105i	0.0411−0.0010i	0.0803+0.0538i	0.0522−0.1056i	0.2368+0.1951i
74.6	−1.8834−1.1183i	0.0046−0.6586i	−1.6070−0.2346i	−0.2198−1.3836i	0.0416−0.0004i	0.0820+0.0523i	0.0546−0.1076i	0.2404+0.1875i
74.7	−1.9325−1.0294i	−0.0024−0.6430i	−1.6376−0.1650i	−0.2378−1.3542i	0.0386+0.0025i	0.0805+0.0514i	0.0535−0.1136i	0.2351+0.1946i
74.8	−1.9087−0.9391i	0.0100−0.6246i	−1.6429−0.0891i	−0.2147−1.3173i	0.0394+0.0059i	0.0795+0.0502i	0.0530−0.1224i	0.2318+0.2034i
74.9	−1.8501−0.8544i	0.0446−0.6475i	−1.5619−0.0418i	−0.2018−1.3103i	0.0441+0.0002i	0.0790+0.0437i	0.0513−0.1343i	0.2411+0.1957i

75.0	−1.8616−0.7807i	0.0386−0.6072i	−1.5722+0.0473i	−0.2087−1.2841i	0.0405+0.0045i	0.0755+0.0445i	0.0422−0.1387i	0.2421+0.2068i
75.1	−1.8628−0.7109i	0.0406−0.5958i	−1.5417+0.1021i	−0.2188−1.2486i	0.0409+0.0076i	0.0758+0.0431i	0.0416−0.1434i	0.2434+0.2063i
75.2	−1.8568−0.6346i	0.0578−0.5847i	−1.5473+0.1384i	−0.2266−1.2001i	0.0376+0.0091i	0.0757+0.0435i	0.0437−0.1485i	0.2359+0.2115i
75.3	−1.8854−0.5786i	0.0850−0.6096i	−1.5166+0.1847i	−0.2632−1.2057i	0.0402+0.0084i	0.0769+0.0418i	0.0411−0.1521i	0.2436+0.2055i
75.4	−1.8891−0.5246i	0.0883−0.6269i	−1.5054+0.2300i	−0.2606−1.2114i	0.0403+0.0079i	0.0746+0.0412i	0.0311−0.1621i	0.2526+0.2097i
75.5	−1.8539−0.4334i	0.0950−0.6144i	−1.4601+0.2916i	−0.2656−1.1791i	0.0422+0.0115i	0.0728+0.0412i	0.0254−0.1650i	0.2580+0.2122i
75.6	−1.8381−0.3472i	0.1302−0.6258i	−1.3879+0.3439i	−0.2725−1.1386i	0.0480+0.0108i	0.0757+0.0388i	0.0226−0.1679i	0.2760+0.2071i
75.7	−1.7971−0.2470i	0.1376−0.6458i	−1.3365+0.3709i	−0.2565−1.1065i	0.0501+0.0086i	0.0751+0.0359i	0.0149−0.1764i	0.2856+0.1997i
75.8	−1.7873−0.2096i	0.1256−0.6524i	−1.3163+0.3903i	−0.2752−1.0958i	0.0458+0.0124i	0.0719+0.0360i	0.0026−0.1748i	0.2841+0.2004i
75.9	−1.7542−0.1799i	0.1244−0.6902i	−1.2830+0.3978i	−0.2824−1.0962i	0.0446+0.0118i	0.0682+0.0359i	−0.0149−0.1762i	0.2904+0.1953i
76.0	−1.7432−0.0797i	0.1483−0.7150i	−1.2439+0.4467i	−0.2811−1.0625i	0.0488+0.0098i	0.0707+0.0347i	−0.0181−0.1836i	0.3012+0.1930i
76.1	−1.7008−0.0077i	0.1453−0.7459i	−1.1876+0.4623i	−0.2753−1.0490i	0.0507+0.0070i	0.0718+0.0299i	−0.0223−0.1865i	0.3042+0.1838i
76.2	−1.6838+0.0289i	0.1342−0.7632i	−1.1777+0.4878i	−0.2874−1.0350i	0.0492+0.0089i	0.0708+0.0313i	−0.0337−0.1803i	0.3086+0.1768i
76.3	−1.6547+0.1075i	0.1264−0.7773i	−1.1593+0.5024i	−0.2870−0.9984i	0.0500+0.0128i	0.0693+0.0321i	−0.0436−0.1764i	0.3180+0.1780i
76.4	−1.6101+0.1528i	0.1346−0.7964i	−1.0985+0.4964i	−0.2822−0.9668i	0.0517+0.0111i	0.0699+0.0329i	−0.0468−0.1734i	0.3272+0.1700i
76.5	−1.5703+0.1827i	0.0933−0.8072i	−1.0964+0.5102i	−0.2881−0.9675i	0.0482+0.0134i	0.0669+0.0361i	−0.0663−0.1619i	0.3293+0.1582i
76.6	−1.5489+0.2720i	0.0832−0.8147i	−1.0787+0.5531i	−0.2837−0.9502i	0.0505+0.0154i	0.0684+0.0362i	−0.0686−0.1574i	0.3339+0.1533i
76.7	−1.4927+0.3503i	0.0687−0.8183i	−1.0270+0.5948i	−0.2845−0.9200i	0.0535+0.0184i	0.0696+0.0373i	−0.0704−0.1467i	0.3390+0.1476i
76.8	−1.4317+0.3579i	0.0337−0.8427i	−0.9989+0.5756i	−0.2904−0.9008i	0.0516+0.0174i	0.0680+0.0371i	−0.0737−0.1413i	0.3363+0.1356i
76.9	−1.3809+0.4040i	0.0277−0.8599i	−0.9671+0.6016i	−0.2618−0.8751i	0.0560+0.0178i	0.0716+0.0384i	−0.0734−0.1351i	0.3426+0.1328i
77.0	−1.3041+0.4229i	−0.0190−0.8987i	−0.9319+0.5840i	−0.2608−0.8629i	0.0568+0.0146i	0.0693+0.0367i	−0.0794−0.1329i	0.3407+0.1196i
77.1	−1.2631+0.4554i	−0.0497−0.8902i	−0.9253+0.5861i	−0.2539−0.8437i	0.0564+0.0170i	0.0695+0.0388i	−0.0800−0.1280i	0.3402+0.1174i
77.2	−1.1847+0.4943i	−0.0626−0.8956i	−0.8864+0.6060i	−0.2199−0.8448i	0.0585+0.0160i	0.0705+0.0371i	−0.0816−0.1259i	0.3419+0.1098i
77.3	−1.1471+0.5422i	−0.0743−0.8937i	−0.8737+0.6289i	−0.1984−0.8425i	0.0627+0.0163i	0.0738+0.0385i	−0.0802−0.1169i	0.3473+0.0984i
77.4	−1.0967+0.5673i	−0.1234−0.8875i	−0.8597+0.6431i	−0.1970−0.8426i	0.0666+0.0187i	0.0793+0.0398i	−0.0750−0.1085i	0.3509+0.1015i
77.5	−1.0657+0.5717i	−0.1732−0.8794i	−0.8713+0.6883i	−0.1923−0.8350i	0.0673+0.0236i	0.0798+0.0430i	−0.0784−0.1033i	0.3549+0.1078i
77.6	−1.0266+0.5747i	−0.2071−0.8655i	−0.8633+0.7205i	−0.1958−0.8481i	0.0714+0.0257i	0.0833+0.0450i	−0.0763−0.1007i	0.3595+0.1096i
77.7	−0.9591+0.5901i	−0.2525−0.8574i	−0.8391+0.7255i	−0.2074−0.8602i	0.0747+0.0219i	0.0858+0.0424i	−0.0735−0.1032i	0.3580+0.1075i
77.8	−0.9079+0.5906i	−0.2607−0.8506i	−0.7952+0.7355i	−0.2106−0.8611i	0.0770+0.0208i	0.0879+0.0403i	−0.0790−0.1022i	0.3643+0.1026i
77.9	−0.8367+0.6316i	−0.2751−0.8427i	−0.7247+0.7810i	−0.2162−0.8537i	0.0886+0.0207i	0.0989+0.0402i	−0.0710−0.1008i	0.3834+0.0944i
78.0	−0.8022+0.6526i	−0.2952−0.8219i	−0.6851+0.8028i	−0.2256−0.8525i	0.0939+0.0204i	0.1043+0.0386i	−0.0622−0.0977i	0.3908+0.0869i
78.1	−0.7532+0.6278i	−0.3280−0.7847i	−0.6531+0.7991i	−0.2095−0.8453i	0.0961+0.0152i	0.1056+0.0350i	−0.0617−0.1042i	0.3916+0.0792i
78.2	−0.6898+0.6064i	−0.3459−0.7453i	−0.5884+0.7755i	−0.2170−0.8177i	0.0968+0.0085i	0.1074+0.0279i	−0.0628−0.1105i	0.3948+0.0665i
78.3	−0.6363+0.5866i	−0.3634−0.7415i	−0.5670+0.7570i	−0.2267−0.7966i	0.0992+0.0020i	0.1108+0.0198i	−0.0656−0.1182i	0.4008+0.0529i
78.4	−0.6189+0.5769i	−0.3809−0.7289i	−0.5583+0.7693i	−0.2426−0.8070i	0.1033−0.0021i	0.1131+0.0152i	−0.0665−0.1224i	0.4084+0.0454i
78.5	−0.5633+0.5521i	−0.4128−0.6825i	−0.5177+0.7528i	−0.2737−0.7945i	0.1052−0.0098i	0.1143+0.0060i	−0.0729−0.1274i	0.4176+0.0254i
78.6	−0.5272+0.5250i	−0.4230−0.6578i	−0.4808+0.7517i	−0.2893−0.7899i	0.1025−0.0155i	0.1136+0.0019i	−0.0819−0.1271i	0.4190+0.0142i
78.7	−0.4839+0.5207i	−0.4399−0.6178i	−0.4459+0.7453i	−0.2839−0.7772i	0.1001−0.0232i	0.1102−0.0049i	−0.0883−0.1323i	0.4131−0.0032i
78.8	−0.4528+0.5182i	−0.4703−0.5697i	−0.4228+0.7525i	−0.2953−0.7671i	0.1008−0.0274i	0.1072−0.0112i	−0.1029−0.1317i	0.4161−0.0175i
78.9	−0.4562+0.4425i	−0.4650−0.5073i	−0.4112+0.7304i	−0.3036−0.7580i	0.0915−0.0311i	0.0998−0.0150i	−0.1257−0.1253i	0.4114−0.0255i
79.0	−0.5309+0.3666i	−0.4158−0.4069i	−0.4118+0.7495i	−0.3121−0.7411i	0.0832−0.0232i	0.0914−0.0066i	−0.1439−0.0983i	0.4094−0.0177i
79.1	−0.6186+0.4145i	−0.2931−0.4222i	−0.3888+0.7331i	−0.3244−0.7089i	0.0878−0.0110i	0.0947+0.0052i	−0.1275−0.0653i	0.4121−0.0150i
79.2	−0.5875+0.5082i	−0.2641−0.4995i	−0.3514+0.7321i	−0.3162−0.6791i	0.1018−0.0138i	0.1086+0.0010i	−0.0987−0.0671i	0.4276−0.0345i
79.3	−0.4985+0.5042i	−0.2991−0.4960i	−0.2992+0.7124i	−0.3094−0.6801i	0.1001−0.0262i	0.1064−0.0097i	−0.1017−0.0779i	0.4192−0.0634i
79.4	−0.4596+0.5160i	−0.3244−0.5048i	−0.2860+0.6883i	−0.3154−0.6593i	0.0979−0.0342i	0.1053−0.0172i	−0.1036−0.0854i	0.4105−0.0799i
79.5	−0.4349+0.5099i	−0.3650−0.5095i	−0.2796+0.6939i	−0.3160−0.6642i	0.0978−0.0396i	0.1067−0.0252i	−0.1053−0.0925i	0.4121−0.0941i
79.6	−0.4126+0.5061i	−0.3445−0.5015i	−0.2716+0.6728i	−0.3113−0.6361i	0.0950−0.0422i	0.1038−0.0268i	−0.1081−0.0827i	0.4078−0.1070i
79.7	−0.3799+0.5085i	−0.3567−0.4769i	−0.2564+0.6496i	−0.3083−0.5993i	0.0936−0.0485i	0.1005−0.0328i	−0.1130−0.0790i	0.3994−0.1266i
79.8	−0.3695+0.5273i	−0.3629−0.4583i	−0.2332+0.6560i	−0.3057−0.5903i	0.0919−0.0530i	0.0997−0.0396i	−0.1189−0.0805i	0.3984−0.1444i
79.9	−0.3579+0.5173i	−0.3611−0.4462i	−0.2272+0.6402i	−0.2953−0.5971i	0.0882−0.0541i	0.0962−0.0396i	−0.1244−0.0763i	0.3918−0.1515i
80.0	−0.3281+0.5125i	−0.3580−0.4481i	−0.2243+0.6271i	−0.2932−0.5885i	0.0864−0.0572i	0.0932−0.0430i	−0.1228−0.0714i	0.3825−0.1578i

1.1.28 Run 7 – VT270-200 – SF and shaft bending gauges

Vertical shaking at 270° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0405+0.0000i	-0.2613+0.0000i	-0.3232+0.0000i	-0.1715+0.0000i	6.3241+0.0000i	13.3279+0.0000i	5.8060+0.0000i	-6.8541+0.0000i
0.1	-0.0163+0.0008i	-0.0497+0.0058i	-0.0315+0.0088i	-0.0377+0.0042i	-0.4289-0.1791i	-10.9629-0.3216i	1.2444-0.1076i	-13.3935+0.0243i
0.2	-0.0116+0.0009i	-0.0096+0.0006i	0.0223-0.0004i	-0.0122+0.0002i	-1.6796-0.0123i	-15.3639+0.6029i	0.4082+0.0172i	-14.5512+0.3629i
0.3	-0.0110+0.0005i	-0.0103+0.0002i	0.0216-0.0008i	-0.0125-0.0000i	-1.6715+0.0204i	-15.2114+0.7439i	0.4085+0.0210i	-14.4587+0.4502i
0.4	-0.0113+0.0003i	-0.0103+0.0006i	0.0216-0.0006i	-0.0124+0.0003i	-1.6622+0.0320i	-15.0400+0.7873i	0.4179+0.0352i	-14.3594+0.4746i
0.5	-0.0111+0.0009i	-0.0098+0.0009i	0.0218-0.0008i	-0.0123+0.0007i	-1.6524+0.0614i	-14.9393+0.7917i	0.4343+0.0574i	-14.3098+0.4741i
0.6	-0.0107+0.0011i	-0.0095+0.0005i	0.0221-0.0007i	-0.0121+0.0009i	-1.6408+0.0675i	-14.8316+0.8267i	0.4468+0.0576i	-14.2516+0.5061i
0.7	-0.0109+0.0011i	-0.0094+0.0006i	0.0220-0.0007i	-0.0118+0.0008i	-1.5624+0.0666i	-14.6528+0.8219i	0.4983+0.0646i	-14.1241+0.5036i
0.8	-0.0105+0.0015i	-0.0090+0.0010i	0.0221-0.0005i	-0.0114+0.0010i	-1.4950-0.0505i	-14.6367+0.6911i	0.5641-0.0016i	-14.1105+0.3953i
0.9	-0.0082+0.0000i	-0.0077-0.0001i	0.0234-0.0018i	-0.0097-0.0001i	-1.6947-0.1084i	-14.8715+0.9555i	0.4751-0.0993i	-14.3249+0.5935i
1.0	-0.0094-0.0017i	-0.0085-0.0014i	0.0223-0.0031i	-0.0108-0.0013i	-1.7213-0.0370i	-14.5719+1.2332i	0.4194-0.0994i	-14.1191+0.8182i
1.1	-0.0104-0.0001i	-0.0095-0.0004i	0.0212-0.0019i	-0.0119-0.0003i	-1.7125-0.0327i	-14.2366+0.9294i	0.3813-0.0519i	-13.8691+0.6048i
1.2	-0.0097+0.0005i	-0.0090+0.0001i	0.0217-0.0012i	-0.0116+0.0004i	-1.7185-0.0286i	-14.2904+0.7421i	0.3856-0.0180i	-13.9192+0.4715i
1.3	-0.0095+0.0006i	-0.0088+0.0004i	0.0219-0.0009i	-0.0113+0.0006i	-1.7195-0.0153i	-14.2986+0.6871i	0.3968-0.0103i	-13.9250+0.4426i
1.4	-0.0093+0.0009i	-0.0084+0.0004i	0.0221-0.0008i	-0.0110+0.0007i	-1.6977-0.0060i	-14.2723+0.6335i	0.4156-0.0124i	-13.8941+0.4060i
1.5	-0.0087+0.0008i	-0.0080+0.0005i	0.0224-0.0008i	-0.0104+0.0008i	-1.7090-0.0015i	-14.3625+0.5931i	0.4241-0.0006i	-13.9633+0.3809i
1.6	-0.0082+0.0008i	-0.0073+0.0003i	0.0230-0.0008i	-0.0096+0.0005i	-1.7236+0.0174i	-14.4514+0.5790i	0.4356+0.0126i	-14.0380+0.3794i
1.7	-0.0073+0.0006i	-0.0067+0.0003i	0.0233-0.0007i	-0.0092+0.0007i	-1.7154+0.0329i	-14.5393+0.5280i	0.4509+0.0221i	-14.0992+0.3473i
1.8	-0.0054-0.0002i	-0.0058+0.0000i	0.0244-0.0015i	-0.0082+0.0003i	-1.7100+0.0539i	-14.7142+0.5980i	0.4851+0.0227i	-14.2192+0.4004i
1.9	-0.0043-0.0049i	-0.0048-0.0037i	0.0253-0.0046i	-0.0070-0.0034i	-1.6597+0.0583i	-14.8450+1.2184i	0.5210-0.0630i	-14.3202+0.8552i
2.0	-0.0078-0.0079i	-0.0074-0.0063i	0.0228-0.0069i	-0.0097-0.0056i	-1.6338+0.0534i	-14.3684+1.4839i	0.4682-0.1018i	-13.9673+1.0517i
2.1	-0.0127-0.0078i	-0.0114-0.0063i	0.0194-0.0067i	-0.0130-0.0052i	-1.6107+0.0445i	-13.9224+1.3146i	0.4278-0.0869i	-13.6400+0.9310i
2.2	-0.0168-0.0020i	-0.0143-0.0017i	0.0170-0.0028i	-0.0154-0.0015i	-1.5467+0.0393i	-13.8457+0.9544i	0.4608-0.0450i	-13.5811+0.6795i
2.3	-0.0114+0.0004i	-0.0104+0.0004i	0.0205-0.0014i	-0.0122+0.0001i	-1.4626-0.1110i	-14.1162+0.8104i	0.5362-0.1187i	-13.7627+0.5603i
2.4	-0.0099-0.0019i	-0.0087-0.0002i	0.0217-0.0026i	-0.0112-0.0011i	-1.5899-0.3992i	-14.1505+0.9795i	0.4604-0.2962i	-13.7958+0.6526i
2.5	-0.0114-0.0009i	-0.0087-0.0003i	0.0210-0.0023i	-0.0118-0.0008i	-1.9618-0.1963i	-13.9531+0.9022i	0.2315-0.1692i	-13.6848+0.6181i
2.6	-0.0107+0.0002i	-0.0085-0.0003i	0.0211-0.0018i	-0.0118-0.0005i	-1.9179+0.0120i	-13.9624+0.8016i	0.2660-0.0400i	-13.6806+0.5738i
2.7	-0.0098-0.0000i	-0.0083-0.0003i	0.0215-0.0019i	-0.0116-0.0004i	-1.8175+0.0096i	-13.9792+0.7325i	0.3196-0.0400i	-13.6740+0.5223i
2.8	-0.0095+0.0000i	-0.0083-0.0005i	0.0217-0.0017i	-0.0112-0.0004i	-1.7904+0.0307i	-14.0039+0.6934i	0.3377-0.0311i	-13.6824+0.4945i
2.9	-0.0095-0.0002i	-0.0080-0.0002i	0.0222-0.0022i	-0.0109-0.0003i	-1.7750+0.0363i	-14.0402+0.7360i	0.3526-0.0254i	-13.7102+0.5314i
3.0	-0.0091-0.0008i	-0.0077-0.0003i	0.0221-0.0023i	-0.0106-0.0005i	-1.7860+0.0655i	-14.0353+0.7726i	0.3475-0.0053i	-13.7061+0.5642i
3.1	-0.0093-0.0005i	-0.0075-0.0005i	0.0215-0.0017i	-0.0109-0.0004i	-1.7474+0.0626i	-13.9656+0.7286i	0.3500-0.0144i	-13.6543+0.5296i
3.2	-0.0097+0.0001i	-0.0073-0.0002i	0.0214-0.0015i	-0.0110-0.0001i	-1.7381+0.0320i	-13.9583+0.6393i	0.3472-0.0240i	-13.6417+0.4673i
3.3	-0.0093+0.0004i	-0.0069+0.0004i	0.0223-0.0015i	-0.0106+0.0000i	-1.7445+0.0781i	-14.0374+0.5555i	0.3535+0.0151i	-13.7014+0.4062i
3.4	-0.0089+0.0005i	-0.0064+0.0005i	0.0233-0.0009i	-0.0099+0.0002i	-1.6856+0.1231i	-14.0222+0.4800i	0.3917+0.0554i	-13.6704+0.3654i
3.5	-0.0090+0.0004i	-0.0064+0.0007i	0.0229-0.0007i	-0.0101+0.0002i	-1.6848+0.1378i	-13.9019+0.4216i	0.3954+0.0765i	-13.5652+0.3055i
3.6	-0.0082+0.0021i	-0.0061+0.0013i	0.0224+0.0001i	-0.0097+0.0024i	-1.6270+0.0336i	-14.0825+0.0106i	0.4537+0.0644i	-13.6775-0.0165i
3.7	-0.0043+0.0018i	-0.0035+0.0001i	0.0267-0.0001i	-0.0068+0.0018i	-1.7256-0.0311i	-14.8951+0.0209i	0.4929+0.0552i	-14.3075-0.0113i
3.8	-0.0043+0.0008i	-0.0038-0.0003i	0.0263-0.0010i	-0.0071+0.0005i	-1.7659-0.0322i	-14.8664+0.2927i	0.4648-0.0117i	-14.2838+0.1833i
3.9	-0.0044+0.0005i	-0.0039-0.0002i	0.0264-0.0012i	-0.0072+0.0004i	-1.7857-0.0152i	-14.8442+0.3866i	0.4529-0.0181i	-14.2718+0.2581i
4.0	-0.0043+0.0004i	-0.0037-0.0002i	0.0264-0.0014i	-0.0072+0.0002i	-1.7862-0.0062i	-14.8092+0.4365i	0.4467-0.0209i	-14.2426+0.3009i
4.1	-0.0041+0.0001i	-0.0034-0.0003i	0.0265-0.0014i	-0.0071+0.0001i	-1.7856+0.0054i	-14.7884+0.4501i	0.4408-0.0167i	-14.2235+0.3163i
4.2	-0.0039-0.0002i	-0.0032-0.0005i	0.0268-0.0014i	-0.0069+0.0000i	-1.7798+0.0200i	-14.8042+0.4494i	0.4395-0.0139i	-14.2298+0.3182i
4.3	-0.0035-0.0005i	-0.0027-0.0006i	0.0271-0.0015i	-0.0066-0.0001i	-1.7656+0.0397i	-14.8436+0.4492i	0.4514-0.0020i	-14.2523+0.3200i
4.4	-0.0033-0.0007i	-0.0024-0.0008i	0.0274-0.0020i	-0.0065-0.0006i	-1.7382+0.0456i	-14.8719+0.4384i	0.4625+0.0076i	-14.2606+0.3129i
4.5	-0.0033-0.0011i	-0.0022-0.0013i	0.0279-0.0023i	-0.0066-0.0009i	-1.6947+0.0614i	-14.8763+0.4446i	0.4932+0.0072i	-14.2459+0.3189i
4.6	-0.0035-0.0014i	-0.0018-0.0016i	0.0278-0.0028i	-0.0065-0.0012i	-1.6856+0.0725i	-14.8623+0.4613i	0.4995+0.0096i	-14.2262+0.3311i
4.7	-0.0049-0.0032i	-0.0024-0.0028i	0.0273-0.0037i	-0.0071-0.0015i	-1.6318+0.0082i	-14.8451+0.4167i	0.5207-0.0163i	-14.2042+0.2887i
4.8	-0.0085-0.0014i	-0.0054-0.0017i	0.0251-0.0025i	-0.0096-0.0006i	-1.6920-0.0067i	-14.9243+0.3721i	0.4994-0.0162i	-14.2791+0.2566i
4.9	-0.0090+0.0014i	-0.0056+0.0006i	0.0252-0.0007i	-0.0096+0.0011i	-1.6869+0.0597i	-14.9442+0.3008i	0.4998+0.0225i	-14.2951+0.2166i
5.0	-0.0023+0.0038i	-0.0007+0.0028i	0.0294+0.0012i	-0.0056+0.0024i	-1.6583-0.0546i	-15.2874+0.1463i	0.5422-0.0101i	-14.5326+0.0931i
5.1	-0.0001+0.0030i	0.0008+0.0020i	0.0310+0.0004i	-0.0046+0.0018i	-1.6923-0.0472i	-15.3860+0.3073i	0.5425-0.0345i	-14.5947+0.2168i
5.2	-0.0005+0.0024i	0.0012+0.0015i	0.0312-0.0004i	-0.0048+0.0015i	-1.6788+0.0194i	-15.3257+0.3503i	0.5387+0.0069i	-14.5417+0.2572i
5.3	-0.0007+0.0024i	0.0013+0.0013i	0.0315-0.0006i	-0.0050+0.0017i	-1.5806+0.0903i	-15.2826+0.2278i	0.5838+0.0631i	-14.4909+0.1640i
5.4	0.0020+0.0031i	0.0034+0.0008i	0.0336+0.0005i	-0.0034+0.0025i	-1.4528-0.1225i	-15.6091-0.0811i	0.7336-0.0332i	-14.7190-0.1092i
5.5	0.0037+0.0025i	0.0048-0.0003i	0.0352-0.0008i	-0.0021+0.0016i	-1.6265-0.3052i	-15.9848+0.1496i	0.6973-0.1681i	-15.0108+0.0539i
5.6	0.0042+0.0001i	0.0049-0.0018i	0.0356-0.0024i	-0.0019-0.0000i	-1.6349-0.2523i	-16.0850+0.2935i	0.6907-0.1580i	-15.0809+0.1731i

5.7	0.0031-0.0012i	0.0039-0.0023i	0.0350-0.0030i	-0.0029-0.0006i	-1.5581-0.2134i	-16.0627+0.3320i	0.7083-0.1511i	-15.0474+0.2004i
5.8	0.0025-0.0007i	0.0037-0.0019i	0.0352-0.0025i	-0.0033-0.0002i	-1.5491-0.2171i	-16.1468+0.3649i	0.7209-0.1610i	-15.1009+0.2274i
5.9	0.0023-0.0003i	0.0037-0.0012i	0.0356-0.0024i	-0.0035+0.0002i	-1.5574-0.2313i	-16.2484+0.3967i	0.7335-0.1718i	-15.1726+0.2571i
6.0	0.0027+0.0009i	0.0041-0.0000i	0.0362-0.0016i	-0.0034+0.0010i	-1.5368-0.2221i	-16.3072+0.4071i	0.7523-0.1699i	-15.2039+0.2728i
6.1	0.0044+0.0021i	0.0057+0.0009i	0.0378-0.0011i	-0.0027+0.0017i	-1.4742-0.2273i	-16.4182+0.4069i	0.8001-0.1735i	-15.2652+0.2774i
6.2	0.0063+0.0018i	0.0075+0.0008i	0.0398-0.0014i	-0.0021+0.0018i	-1.3782-0.2565i	-16.5455+0.4215i	0.8663-0.1978i	-15.3380+0.2857i
6.3	0.0076+0.0013i	0.0088+0.0004i	0.0414-0.0018i	-0.0017+0.0016i	-1.2817-0.2680i	-16.6870+0.4464i	0.9397-0.2104i	-15.4196+0.3037i
6.4	0.0085+0.0008i	0.0097-0.0001i	0.0430-0.0026i	-0.0016+0.0017i	-1.1385-0.3295i	-16.8183+0.4924i	1.0388-0.2552i	-15.4874+0.3303i
6.5	0.0092+0.0003i	0.0105-0.0004i	0.0443-0.0033i	-0.0017+0.0018i	-1.0227-0.4094i	-16.9288+0.5399i	1.1194-0.3122i	-15.5431+0.3509i
6.6	0.0101-0.0005i	0.0116-0.0007i	0.0462-0.0042i	-0.0022+0.0019i	-0.7469-0.5456i	-17.0901+0.5673i	1.2998-0.4004i	-15.6194+0.3537i
6.7	0.0106-0.0009i	0.0123-0.0009i	0.0483-0.0051i	-0.0032+0.0025i	-0.4244-0.7732i	-17.2426+0.5903i	1.4988-0.5412i	-15.6901+0.3456i
6.8	0.0109-0.0011i	0.0131-0.0010i	0.0510-0.0068i	-0.0049+0.0043i	-0.0080-1.1607i	-17.4380+0.6778i	1.7738-0.7931i	-15.7766+0.3695i
6.9	0.0112-0.0012i	0.0139-0.0009i	0.0541-0.0097i	-0.0067+0.0073i	0.4681-1.8805i	-17.6259+0.8175i	2.0834-1.2494i	-15.8495+0.3930i
7.0	0.0124-0.0008i	0.0158-0.0011i	0.0581-0.0162i	-0.0084+0.0139i	0.9933-3.4724i	-17.8308+1.1250i	2.4075-2.2583i	-15.9301+0.4459i
7.1	0.0140-0.0024i	0.0180-0.0033i	0.0554-0.0280i	-0.0028+0.0233i	-0.1605-5.9036i	-17.7799+1.5739i	1.6832-3.7655i	-16.0035+0.5118i
7.2	0.0117-0.0059i	0.0159-0.0072i	0.0400-0.0352i	0.0103+0.0258i	-3.5061-6.7903i	-17.2648+1.7715i	-0.4156-4.2974i	-15.9871+0.5514i
7.3	0.0081-0.0031i	0.0124-0.0054i	0.0286-0.0307i	0.0178+0.0244i	-5.7091-6.0766i	-16.9384+1.6077i	-1.7865-3.8361i	-15.9872+0.5185i
7.4	0.0116+0.0042i	0.0147+0.0002i	0.0239-0.0175i	0.0273+0.0195i	-7.5895-4.0299i	-16.8571+1.1188i	-2.9261-2.5295i	-16.1044+0.4088i
7.5	0.0171+0.0040i	0.0189+0.0004i	0.0279-0.0094i	0.0305+0.0110i	-7.5690-1.9316i	-17.1184+0.7711i	-2.8713-1.2224i	-16.2582+0.3783i
7.6	0.0190+0.0014i	0.0208-0.0011i	0.0343-0.0067i	0.0268+0.0054i	-6.3884-0.8790i	-17.5510+0.6463i	-2.0986-0.5760i	-16.4269+0.3862i
7.7	0.0198+0.0012i	0.0218-0.0009i	0.0370-0.0057i	0.0256+0.0042i	-5.9588-0.6611i	-17.7488+0.5896i	-1.8203-0.4418i	-16.5124+0.3652i
7.8	0.0216+0.0010i	0.0236-0.0012i	0.0400-0.0056i	0.0254+0.0037i	-5.7564-0.6662i	-17.9734+0.6303i	-1.6789-0.4555i	-16.6389+0.3901i
7.9	0.0233+0.0004i	0.0254-0.0017i	0.0419-0.0057i	0.0261+0.0029i	-5.8395-0.5499i	-18.1115+0.6579i	-1.7173-0.3827i	-16.7348+0.4238i
8.0	0.0245-0.0005i	0.0266-0.0026i	0.0435-0.0055i	0.0266+0.0015i	-5.9313-0.2098i	-18.2523+0.6383i	-1.7588-0.1727i	-16.8294+0.4431i
8.1	0.0259-0.0008i	0.0284-0.0029i	0.0459-0.0056i	0.0269+0.0010i	-5.8888+0.0077i	-18.5273+0.6488i	-1.7097-0.0436i	-17.0066+0.4708i
8.2	0.0278-0.0008i	0.0301-0.0029i	0.0479-0.0053i	0.0278+0.0006i	-5.9526+0.2482i	-18.7407+0.5931i	-1.7288+0.1130i	-17.1497+0.4528i
8.3	0.0293-0.0009i	0.0316-0.0030i	0.0497-0.0052i	0.0286+0.0003i	-5.9502+0.4343i	-18.9235+0.5559i	-1.7070+0.2289i	-17.2652+0.4447i
8.4	0.0308-0.0016i	0.0332-0.0034i	0.0517-0.0055i	0.0292-0.0000i	-5.9045+0.6229i	-19.1227+0.5484i	-1.6653+0.3379i	-17.3875+0.4543i
8.5	0.0330-0.0022i	0.0356-0.0037i	0.0543-0.0056i	0.0305-0.0006i	-6.0108+0.8093i	-19.3947+0.5056i	-1.7081+0.4569i	-17.5756+0.4388i
8.6	0.0348-0.0028i	0.0376-0.0045i	0.0564-0.0060i	0.0317-0.0012i	-6.1424+1.0064i	-19.6176+0.5415i	-1.7595+0.5798i	-17.7292+0.4852i
8.7	0.0369-0.0033i	0.0401-0.0051i	0.0591-0.0066i	0.0330-0.0015i	-6.4010+1.2975i	-19.9045+0.5509i	-1.8840+0.7521i	-17.9433+0.5252i
8.8	0.0388-0.0036i	0.0422-0.0054i	0.0613-0.0072i	0.0338-0.0013i	-6.7060+1.6711i	-20.0977+0.4756i	-2.0575+0.9905i	-18.0938+0.5068i
8.9	0.0416-0.0044i	0.0455-0.0063i	0.0643-0.0085i	0.0355-0.0010i	-7.0044+2.4423i	-20.3448+0.3439i	-2.2092+1.4780i	-18.2707+0.4892i
9.0	0.0435-0.0058i	0.0477-0.0079i	0.0665-0.0103i	0.0368-0.0013i	-7.0810+3.1983i	-20.6225+0.2785i	-2.2256+1.9553i	-18.4620+0.5197i
9.1	0.0452-0.0076i	0.0499-0.0097i	0.0684-0.0123i	0.0384-0.0016i	-6.9246+3.8753i	-20.9890+0.2717i	-2.0956+2.3734i	-18.6879+0.5822i
9.2	0.0470-0.0087i	0.0524-0.0113i	0.0709-0.0147i	0.0395-0.0011i	-7.3185+5.0629i	-21.2171+0.1339i	-2.3079+3.1209i	-18.8666+0.6009i
9.3	0.0472-0.0108i	0.0530-0.0147i	0.0699-0.0195i	0.0423-0.0003i	-5.5984+7.4774i	-21.7959-0.1059i	-1.1739+4.6237i	-19.0798+0.6686i
9.4	0.0473-0.0109i	0.0525-0.0159i	0.0671-0.0211i	0.0464-0.0000i	-2.4388+8.2796i	-22.5915-0.1689i	0.8635+5.1009i	-19.2986+0.7022i
9.5	0.0478-0.0096i	0.0522-0.0146i	0.0650-0.0188i	0.0496-0.0007i	-0.0501+7.1299i	-23.1861-0.0079i	2.3882+4.3561i	-19.4566+0.6972i
9.6	0.0512-0.0078i	0.0554-0.0126i	0.0670-0.0149i	0.0531-0.0023i	0.7867+4.7996i	-23.7300+0.3109i	2.9397+2.8808i	-19.7312+0.6805i
9.7	0.0557-0.0073i	0.0598-0.0123i	0.0706-0.0130i	0.0562-0.0042i	0.5130+3.1047i	-24.2177+0.6282i	2.8130+1.7977i	-20.0774+0.7340i
9.8	0.0595-0.0083i	0.0634-0.0132i	0.0742-0.0127i	0.0586-0.0056i	0.0169+2.2386i	-24.6257+0.8482i	2.5433+1.2456i	-20.3920+0.7956i
9.9	0.0627-0.0094i	0.0668-0.0142i	0.0778-0.0131i	0.0605-0.0071i	-0.4891+1.7079i	-24.9570+1.0319i	2.2560+0.9004i	-20.6527+0.8664i
10.0	0.0658-0.0106i	0.0703-0.0158i	0.0813-0.0138i	0.0630-0.0085i	-0.9398+1.4055i	-25.3839+1.1640i	2.0162+0.7021i	-20.9732+0.9208i
10.1	0.0693-0.0119i	0.0740-0.0175i	0.0848-0.0147i	0.0659-0.0097i	-1.3164+1.1843i	-25.8620+1.2967i	1.8264+0.5505i	-21.3213+0.9849i
10.2	0.0732-0.0130i	0.0780-0.0188i	0.0884-0.0156i	0.0688-0.0104i	-1.6190+1.0875i	-26.3768+1.3216i	1.6880+0.4888i	-21.6881+0.9787i
10.3	0.0760-0.0143i	0.0808-0.0205i	0.0912-0.0168i	0.0711-0.0115i	-1.8392+1.0940i	-26.8107+1.4766i	1.5972+0.4854i	-21.9884+1.0833i
10.4	0.0784-0.0152i	0.0832-0.0218i	0.0934-0.0179i	0.0735-0.0126i	-1.9315+1.0926i	-27.2021+1.6589i	1.5766+0.4542i	-22.2382+1.2188i
10.5	0.0823-0.0149i	0.0874-0.0219i	0.0968-0.0179i	0.0772-0.0127i	-2.0216+1.0220i	-27.7929+1.6747i	1.5752+0.4117i	-22.6245+1.2183i
10.6	0.0872-0.0143i	0.0924-0.0212i	0.1010-0.0172i	0.0815-0.0125i	-2.1522+0.9607i	-28.4747+1.6842i	1.5702+0.3783i	-23.0810+1.2167i
10.7	0.0927-0.0153i	0.0979-0.0226i	0.1058-0.0178i	0.0865-0.0138i	-2.2745+0.8332i	-29.2897+1.8542i	1.5682+0.2840i	-23.6251+1.3206i
10.8	0.0971-0.0149i	0.1022-0.0225i	0.1099-0.0175i	0.0903-0.0139i	-2.4218+0.7063i	-29.9665+1.8014i	1.5386+0.2060i	-24.0766+1.2697i
10.9	0.1038-0.0157i	0.1086-0.0233i	0.1156-0.0182i	0.0955-0.0149i	-2.6284+0.6169i	-30.7977+1.9312i	1.4891+0.1381i	-24.6255+1.3413i
11.0	0.1092-0.0174i	0.1142-0.0254i	0.1204-0.0197i	0.1002-0.0166i	-2.7894+0.6239i	-31.5180+2.1874i	1.4494+0.1175i	-25.0994+1.5077i
11.1	0.1174-0.0184i	0.1229-0.0265i	0.1278-0.0208i	0.1073-0.0178i	-2.9802+0.6191i	-32.6416+2.4228i	1.4486+0.0881i	-25.8474+1.6753i
11.2	0.1250-0.0192i	0.1305-0.0275i	0.1344-0.0215i	0.1138-0.0189i	-3.1858+0.6360i	-33.6735+2.5519i	1.4321+0.0848i	-26.5384+1.7608i
11.3	0.1328-0.0211i	0.1383-0.0296i	0.1412-0.0231i	0.1204-0.0205i	-3.3453+0.6668i	-34.6659+2.7678i	1.4268+0.0780i	-27.1915+1.9005i
11.4	0.1437-0.0227i	0.1501-0.0319i	0.1507-0.0248i	0.1299-0.0221i	-3.4901+0.6847i	-36.1042+3.0247i	1.4745+0.0613i	-28.1295+2.0748i
11.5	0.1518-0.0234i	0.1587-0.0329i	0.1578-0.0254i	0.1368-0.0228i	-3.6311+0.6637i	-37.1959+3.1490i	1.4965+0.0368i	-28.8437+2.1521i
11.6	0.1637-0.0240i	0.1713-0.0347i	0.1681-0.0264i	0.1473-0.0242i	-3.8638+0.7373i	-38.7248+3.3306i	1.5018+0.0698i	-29.8372+2.2776i
11.7	0.1771-0.0271i	0.1851-0.0385i	0.1796-0.0298i	0.1586-0.0274i	-4.0371+0.7428i	-40.3810+3.8479i	1.5623+0.0047i	-30.9265+2.6188i
11.8	0.1911-0.0302i	0.1998-0.0424i	0.1918-0.0330i	0.1707-0.0301i	-4.1913+0.8324i	-42.1467+4.2323i	1.6369+0.0097i	-32.0746+2.8756i
11.9	0.2128-0.0362i	0.2224-0.0501i	0.2101-0.0382i	0.1892-0.0355i	-4.4630+0.9767i	-44.7931+4.9036i	1.7295+0.0570i	-33.8031+3.3221i

12.0	0.2313-0.0419i	0.2415-0.0575i	0.2256-0.0438i	0.2047-0.0409i	-4.6782+0.9984i	-46.9940+5.5790i	1.8112-0.0162i	-35.2317+3.7610i
12.1	0.2526-0.0468i	0.2637-0.0649i	0.2436-0.0492i	0.2230-0.0459i	-4.8731+1.1111i	-49.5044+6.1495i	1.9376-0.0041i	-36.8472+4.1416i
12.2	0.2744-0.0561i	0.2858-0.0768i	0.2617-0.0578i	0.2414-0.0545i	-5.0969+1.2725i	-52.0820+7.1253i	2.0439-0.0105i	-38.5088+4.7832i
12.3	0.3014-0.0764i	0.3133-0.1011i	0.2843-0.0759i	0.2645-0.0728i	-5.3630+1.4704i	-55.4788+9.3782i	2.2265-0.1276i	-40.7117+6.2610i
12.4	0.3311-0.0972i	0.3428-0.1263i	0.3089-0.0943i	0.2896-0.0911i	-5.4623+1.7197i	-59.1844+11.4604i	2.5266-0.1992i	-43.0968+7.6174i
12.5	0.3688-0.1276i	0.3790-0.1633i	0.3401-0.1207i	0.3219-0.1176i	-5.5994+2.0510i	-64.1372+14.3923i	2.9371-0.2613i	-46.3063+9.5283i
12.6	0.4034-0.1641i	0.4090-0.2062i	0.3679-0.1521i	0.3512-0.1498i	-5.7376+2.2525i	-69.1986+18.0438i	3.3611-0.4962i	-49.5980+11.8759i
12.7	0.4309-0.1988i	0.4294-0.2462i	0.3893-0.1819i	0.3738-0.1803i	-5.7946+2.3518i	-73.5622+21.6366i	3.7418-0.7832i	-52.4169+14.1829i
12.8	0.4493-0.2470i	0.4386-0.2964i	0.4035-0.2230i	0.3891-0.2223i	-5.9347+2.4714i	-77.4262+27.6772i	4.0351-1.3442i	-54.8978+18.0948i
12.9	0.4807-0.2870i	0.4628-0.3360i	0.4296-0.2571i	0.4162-0.2574i	-6.0234+2.6957i	-83.1510+32.9840i	4.5806-1.7639i	-58.6071+21.5392i
13.0	0.5316-0.3444i	0.5060-0.3914i	0.4713-0.3060i	0.4600-0.3084i	-6.3458+2.8162i	-91.2776+41.1712i	5.1657-2.5405i	-63.8757+26.8398i
13.1	0.6001-0.4140i	0.5675-0.4596i	0.5273-0.3655i	0.5174-0.3693i	-6.5810+3.0782i	-101.0509+50.9054i	5.9737-3.3910i	-70.1746+33.1422i
13.2	0.6962-0.5398i	0.6569-0.5836i	0.6064-0.4729i	0.5990-0.4795i	-6.4959+3.1619i	-114.7103+68.2099i	7.3786-5.1094i	-78.9602+44.3225i
13.3	0.7624-0.7336i	0.7147-0.7761i	0.6591-0.6372i	0.6538-0.6485i	-6.1063+2.8947i	-124.2909+94.6638i	8.5742-7.9915i	-85.0660+61.3405i
13.4	0.8144-1.1337i	0.7495-1.1716i	0.6957-0.9748i	0.6929-0.9961i	-5.2907+1.9820i	-132.5079+148.9747i	9.8471-14.1084i	-90.2399+96.1887i
13.5	0.5780-1.4895i	0.4984-1.5123i	0.4883-1.2699i	0.4807-1.3005i	-6.3381+1.0530i	-100.9393+197.6517i	5.7710-19.5485i	-69.9417+127.3533i
13.6	-0.1785-1.8178i	-0.2655-1.8047i	-0.1561-1.5319i	-0.1821-1.5730i	-10.3773-1.7888i	1.5056+244.1018i	-7.3690-25.8876i	-4.3233+156.8692i
13.7	-0.8207-1.4708i	-0.8843-1.4335i	-0.6901-1.2267i	-0.7331-1.2611i	-17.4320-0.7791i	89.7473+198.4513i	-20.7704-20.4624i	51.7586+127.5313i
13.8	-1.0012-1.0100i	-1.0418-0.9677i	-0.8321-0.8343i	-0.8810-0.8573i	-22.0879+2.8476i	115.2297+135.9925i	-26.2434-11.7222i	67.6487+87.6540i
13.9	-0.9602-0.6727i	-0.9844-0.6335i	-0.7893-0.5505i	-0.8378-0.5643i	-24.9606+8.7266i	110.0456+89.6107i	-27.4343-3.1646i	63.9625+58.3533i
14.0	-0.8677-0.5195i	-0.8842-0.4851i	-0.7072-0.4231i	-0.7531-0.4327i	-26.0658+14.2947i	97.5917+68.1614i	-26.8241+2.6187i	55.7940+45.0844i
14.1	-0.7674-0.4141i	-0.7797-0.3854i	-0.6205-0.3360i	-0.6632-0.3437i	-24.9756+24.2402i	83.9473+52.4435i	-24.6785+10.6615i	47.0931+35.9053i
14.2	-0.6918-0.3190i	-0.6991-0.2986i	-0.5541-0.2581i	-0.5948-0.2654i	-20.0581+38.7887i	73.0278+37.6862i	-20.3073+21.5160i	40.5371+27.7948i
14.3	-0.6484-0.2614i	-0.6536-0.2465i	-0.5146-0.2107i	-0.5561-0.2187i	-6.0900+50.5645i	64.6725+28.3588i	-10.3270+30.0519i	36.4400+22.9032i
14.4	-0.6139-0.2207i	-0.6205-0.2091i	-0.4833-0.1782i	-0.5274-0.1850i	13.9423+47.7903i	56.6359+23.6025i	3.4981+28.6594i	33.1137+19.5900i
14.5	-0.5814-0.1805i	-0.5898-0.1709i	-0.4542-0.1469i	-0.5006-0.1509i	27.4948+36.2054i	49.9485+20.4511i	12.9341+21.3975i	30.0558+16.5003i
14.6	-0.5364-0.1518i	-0.5461-0.1423i	-0.4160-0.1259i	-0.4621-0.1256i	28.4411+20.9590i	43.6800+19.6741i	14.1414+11.5473i	26.1007+14.6088i
14.7	-0.5022-0.1354i	-0.5129-0.1257i	-0.3880-0.1152i	-0.4322-0.1108i	25.3750+10.1014i	39.6834+20.1257i	12.5131+4.4574i	23.2377+13.9306i
14.8	-0.4837-0.1272i	-0.4966-0.1159i	-0.3748-0.1102i	-0.4161-0.1027i	22.1581+4.2071i	38.1872+20.7574i	10.5495+0.5830i	21.9827+13.8130i
14.9	-0.4707-0.1169i	-0.4857-0.0997i	-0.3676-0.1004i	-0.4052-0.0921i	17.6589+1.3401i	38.3435+20.1950i	7.5787-1.2428i	21.7028+13.1845i
15.0	-0.4570-0.0969i	-0.4595-0.0776i	-0.3543-0.0811i	-0.3882-0.0750i	12.7090+0.7131i	38.4632+16.9952i	4.3257-1.3057i	21.3429+11.0396i
15.1	-0.4450-0.0722i	-0.4446-0.0604i	-0.3442-0.0614i	-0.3763-0.0568i	10.1345+0.6736i	37.7895+13.0534i	2.7462-0.9076i	20.6653+8.4871i
15.2	-0.4285-0.0575i	-0.4302-0.0468i	-0.3313-0.0477i	-0.3630-0.0446i	8.8673+0.9822i	36.0332+10.2043i	2.1023-0.4109i	19.4124+6.6574i
15.3	-0.4044-0.0448i	-0.4068-0.0347i	-0.3104-0.0357i	-0.3427-0.0338i	8.0042+1.2977i	32.6949+7.6284i	1.8790+0.0537i	17.1781+5.0212i
15.4	-0.3839-0.0362i	-0.3858-0.0272i	-0.2918-0.0282i	-0.3248-0.0267i	7.5287+1.4922i	29.5257+5.9527i	1.8905+0.3517i	15.0961+3.9594i
15.5	-0.3688-0.0307i	-0.3704-0.0227i	-0.2781-0.0235i	-0.3115-0.0222i	7.2491+1.5441i	26.9998+4.9769i	1.9653+0.4893i	13.4329+3.3387i
15.6	-0.3580-0.0252i	-0.3594-0.0178i	-0.2677-0.0189i	-0.3014-0.0179i	6.8823+1.4115i	24.9915+4.2439i	1.9411+0.4808i	12.0748+2.8673i
15.7	-0.3454-0.0246i	-0.3462-0.0171i	-0.2559-0.0183i	-0.2897-0.0174i	6.3572+1.1821i	22.8014+4.1536i	1.8520+0.3708i	10.6028+2.7841i
15.8	-0.3345-0.0199i	-0.3355-0.0138i	-0.2463-0.0150i	-0.2804-0.0144i	6.0828+0.9343i	21.0828+3.7195i	1.8464+0.2294i	9.4735+2.4885i
15.9	-0.3245-0.0202i	-0.3259-0.0145i	-0.2373-0.0157i	-0.2722-0.0147i	5.7542+0.8921i	19.5414+3.9252i	1.7769+0.1631i	8.4529+2.6149i
16.0	-0.3174-0.0181i	-0.3180-0.0127i	-0.2300-0.0144i	-0.2652-0.0132i	5.3619+0.7393i	18.1597+3.9462i	1.6735+0.0648i	7.5114+2.6262i
16.1	-0.3124-0.0159i	-0.3128-0.0112i	-0.2251-0.0132i	-0.2602-0.0119i	5.0360+0.7181i	17.2014+3.8425i	1.5654+0.0666i	6.8534+2.5673i
16.2	-0.3062-0.0141i	-0.3066-0.0096i	-0.2194-0.0122i	-0.2544-0.0107i	4.7360+0.7550i	16.1368+3.8067i	1.4823+0.1040i	6.1385+2.5540i
16.3	-0.3019-0.0121i	-0.3020-0.0074i	-0.2152-0.0109i	-0.2504-0.0094i	4.5499+0.8013i	15.1662+3.8182i	1.4818+0.1348i	5.4869+2.5688i
16.4	-0.2955-0.0077i	-0.2957-0.0042i	-0.2090-0.0084i	-0.2449-0.0070i	4.4253+0.7871i	14.1089+3.8267i	1.4940+0.1045i	4.7974+2.5913i
16.5	-0.2911-0.0046i	-0.2912-0.0018i	-0.2048-0.0066i	-0.2410-0.0052i	4.2960+0.7248i	13.3767+3.9652i	1.4782+0.0528i	4.3082+2.6866i
16.6	-0.2855-0.0033i	-0.2860-0.0003i	-0.2004-0.0064i	-0.2370-0.0046i	4.2654+0.6447i	12.8663+4.2955i	1.5069-0.0214i	3.9769+2.8960i
16.7	-0.2792-0.0027i	-0.2800-0.0002i	-0.1953-0.0067i	-0.2325-0.0043i	4.2423+0.4723i	12.4174+4.5240i	1.5247-0.1520i	3.6960+3.0276i
16.8	-0.2728-0.0010i	-0.2740+0.0006i	-0.1907-0.0062i	-0.2280-0.0028i	4.1187+0.2101i	12.1551+4.4368i	1.4584-0.3227i	3.5350+2.9458i
16.9	-0.2697+0.0002i	-0.2715+0.0012i	-0.1885-0.0050i	-0.2255-0.0014i	3.8996+0.1129i	11.7968+3.8853i	1.3451-0.3283i	3.2849+2.5771i
17.0	-0.2668+0.0003i	-0.2689+0.0019i	-0.1859-0.0048i	-0.2230-0.0009i	3.7199+0.1665i	11.2089+3.7856i	1.3113-0.2802i	2.8817+2.5191i
17.1	-0.2643+0.0007i	-0.2664+0.0024i	-0.1834-0.0045i	-0.2208-0.0001i	3.7097+0.0880i	10.9104+3.5822i	1.3382-0.3133i	2.6927+2.3759i
17.2	-0.2630+0.0028i	-0.2646+0.0042i	-0.1813-0.0030i	-0.2185+0.0022i	3.5238-0.2423i	10.0575+3.0156i	1.3014-0.4668i	2.1142+1.9778i
17.3	-0.2630+0.0052i	-0.2641+0.0064i	-0.1799-0.0019i	-0.2169+0.0039i	3.3059-0.3623i	9.2474+3.0897i	1.2469-0.5542i	1.5505+2.0272i
17.4	-0.2612+0.0077i	-0.2624+0.0083i	-0.1784-0.0006i	-0.2150+0.0052i	3.1392-0.2723i	8.8688+3.4654i	1.1543-0.5479i	1.2797+2.2970i
17.5	-0.2572+0.0086i	-0.2592+0.0098i	-0.1759+0.0004i	-0.2122+0.0058i	2.9955-0.2301i	8.7777+3.4413i	1.0739-0.4999i	1.2150+2.2934i
17.6	-0.2559+0.0089i	-0.2579+0.0103i	-0.1743+0.0007i	-0.2108+0.0066i	2.9152-0.3002i	8.2857+3.3307i	1.0856-0.5411i	0.8952+2.2113i
17.7	-0.2546+0.0118i	-0.2567+0.0130i	-0.1727+0.0021i	-0.2093+0.0084i	2.7491-0.3741i	7.6514+3.5245i	1.0321-0.6070i	0.4646+2.3399i
17.8	-0.2527+0.0155i	-0.2550+0.0156i	-0.1713+0.0037i	-0.2076+0.0101i	2.5973-0.3745i	7.3647+3.9100i	0.9691-0.6432i	0.2712+2.6040i
17.9	-0.2488+0.0185i	-0.2510+0.0179i	-0.1687+0.0051i	-0.2047+0.0119i	2.4989-0.3557i	7.3934+4.1597i	0.8957-0.6655i	0.3001+2.7737i
18.0	-0.2463+0.0186i	-0.2484+0.0179i	-0.1669+0.0050i	-0.2024+0.0121i	2.3723-0.3864i	7.4426+4.0507i	0.7878-0.6758i	0.3282+2.6952i
18.1	-0.2451+0.0193i	-0.2473+0.0190i	-0.1661+0.0058i	-0.2010+0.0130i	2.1872-0.3629i	7.4855+3.8207i	0.6840-0.6452i	0.3417+2.5501i
18.2	-0.2440+0.0208i	-0.2463+0.0201i	-0.1649+0.0072i	-0.2001+0.0138i	2.0588-0.3228i	7.3150+3.5911i	0.6164-0.5953i	0.2197+2.4077i

18.3	-0.2431+0.0214i	-0.2456+0.0206i	-0.1641+0.0081i	-0.1994+0.0141i	1.9442-0.2288i	7.0139+3.3792i	0.5717-0.4962i	0.0148+2.2783i
18.4	-0.2425+0.0216i	-0.2451+0.0206i	-0.1632+0.0088i	-0.1987+0.0139i	1.9132-0.1088i	6.7414+3.1641i	0.5676-0.3936i	-0.1672+2.1434i
18.5	-0.2443+0.0219i	-0.2466+0.0210i	-0.1629+0.0099i	-0.1999+0.0136i	1.9680+0.1125i	6.2462+2.8813i	0.6537-0.2224i	-0.4938+1.9750i
18.6	-0.2469+0.0264i	-0.2488+0.0254i	-0.1622+0.0116i	-0.2026+0.0171i	2.2798+0.1146i	5.6716+3.2297i	0.9428-0.2415i	-0.8494+2.2216i
18.7	-0.2446+0.0323i	-0.2465+0.0309i	-0.1606+0.0133i	-0.2010+0.0223i	2.3965-0.2085i	5.7846+3.7102i	1.0210-0.5215i	-0.7539+2.5244i
18.8	-0.2398+0.0345i	-0.2422+0.0320i	-0.1585+0.0135i	-0.1969+0.0243i	2.2485-0.4665i	6.0795+3.5951i	0.8842-0.6812i	-0.5581+2.4241i
18.9	-0.2380+0.0345i	-0.2407+0.0311i	-0.1577+0.0133i	-0.1951+0.0247i	2.1010-0.5870i	6.0755+3.3273i	0.7943-0.7369i	-0.5702+2.2285i
19.0	-0.2373+0.0345i	-0.2406+0.0303i	-0.1578+0.0133i	-0.1942+0.0250i	1.9781-0.6509i	6.0105+3.0370i	0.7012-0.7609i	-0.6196+2.0282i
19.1	-0.2388+0.0350i	-0.2428+0.0301i	-0.1590+0.0134i	-0.1944+0.0252i	1.8065-0.6856i	5.8179+2.7204i	0.6150-0.7452i	-0.7694+1.8082i
19.2	-0.2394+0.0363i	-0.2441+0.0310i	-0.1596+0.0139i	-0.1945+0.0260i	1.6851-0.7076i	5.5676+2.5089i	0.5763-0.7405i	-0.9484+1.6625i
19.3	-0.2401+0.0376i	-0.2455+0.0321i	-0.1598+0.0149i	-0.1943+0.0272i	1.5693-0.7367i	5.2339+2.3368i	0.5335-0.7495i	-1.1723+1.5494i
19.4	-0.2406+0.0405i	-0.2467+0.0338i	-0.1602+0.0163i	-0.1945+0.0290i	1.5112-0.7781i	5.0058+2.2744i	0.5113-0.7741i	-1.3269+1.5047i
19.5	-0.2412+0.0438i	-0.2487+0.0365i	-0.1612+0.0189i	-0.1947+0.0306i	1.3809-0.8071i	4.7981+2.2112i	0.4502-0.7883i	-1.4851+1.4653i
19.6	-0.2402+0.0476i	-0.2503+0.0401i	-0.1614+0.0213i	-0.1940+0.0326i	1.2171-0.7866i	4.4914+2.0719i	0.3606-0.7703i	-1.6947+1.3794i
19.7	-0.2412+0.0493i	-0.2527+0.0424i	-0.1626+0.0225i	-0.1943+0.0339i	1.1156-0.7460i	4.2652+2.0123i	0.3151-0.7270i	-1.8636+1.3354i
19.8	-0.2423+0.0533i	-0.2560+0.0468i	-0.1636+0.0253i	-0.1949+0.0366i	1.0331-0.6811i	3.9723+1.8813i	0.2842-0.6925i	-2.0647+1.2639i
19.9	-0.2437+0.0563i	-0.2583+0.0504i	-0.1646+0.0276i	-0.1959+0.0384i	0.9517-0.6510i	3.7627+1.7983i	0.2521-0.6553i	-2.2285+1.2247i
20.0	-0.2439+0.0608i	-0.2601+0.0563i	-0.1652+0.0309i	-0.1962+0.0416i	0.9321-0.6104i	3.4673+1.7916i	0.2535-0.6211i	-2.4253+1.2331i
20.1	-0.2448+0.0652i	-0.2636+0.0623i	-0.1666+0.0340i	-0.1974+0.0448i	0.8663-0.6035i	3.2180+1.8294i	0.2363-0.6124i	-2.6063+1.2654i
20.2	-0.2431+0.0693i	-0.2635+0.0686i	-0.1656+0.0376i	-0.1967+0.0483i	0.7996-0.5583i	3.0347+1.9054i	0.2196-0.5987i	-2.7321+1.3334i
20.3	-0.2428+0.0729i	-0.2639+0.0743i	-0.1654+0.0405i	-0.1967+0.0514i	0.7786-0.5323i	2.8567+1.9538i	0.2117-0.5943i	-2.8535+1.3729i
20.4	-0.2448+0.0769i	-0.2663+0.0813i	-0.1671+0.0443i	-0.1978+0.0549i	0.7326-0.5092i	2.6711+1.9783i	0.1883-0.5780i	-2.9849+1.4002i
20.5	-0.2474+0.0811i	-0.2703+0.0889i	-0.1692+0.0484i	-0.1994+0.0585i	0.6422-0.4911i	2.4757+1.9614i	0.1550-0.5580i	-3.1275+1.4064i
20.6	-0.2479+0.0890i	-0.2716+0.1002i	-0.1694+0.0545i	-0.1997+0.0642i	0.6072-0.4535i	2.2517+2.0324i	0.1330-0.5379i	-3.2809+1.4692i
20.7	-0.2435+0.0982i	-0.2655+0.1133i	-0.1657+0.0611i	-0.1963+0.0707i	0.5878-0.3876i	2.1570+2.1608i	0.1442-0.5163i	-3.3412+1.5675i
20.8	-0.2382+0.1027i	-0.2573+0.1210i	-0.1612+0.0651i	-0.1918+0.0744i	0.5818-0.3759i	2.1162+2.2363i	0.1517-0.5029i	-3.3567+1.6316i
20.9	-0.2288+0.1085i	-0.2439+0.1308i	-0.1539+0.0701i	-0.1849+0.0791i	0.5984-0.3643i	2.1154+2.2812i	0.1460-0.4803i	-3.3438+1.6788i
21.0	-0.2231+0.1119i	-0.2353+0.1362i	-0.1493+0.0730i	-0.1807+0.0823i	0.5755-0.3490i	2.0633+2.2641i	0.1420-0.4751i	-3.3707+1.6754i
21.1	-0.2186+0.1136i	-0.2281+0.1387i	-0.1455+0.0746i	-0.1772+0.0838i	0.5171-0.3376i	1.9643+2.1978i	0.1489-0.5002i	-3.4276+1.6424i
21.2	-0.2134+0.1130i	-0.2190+0.1384i	-0.1407+0.0744i	-0.1724+0.0838i	0.4985-0.4049i	1.8672+2.1551i	0.1396-0.5207i	-3.4763+1.6085i
21.3	-0.2115+0.1109i	-0.2127+0.1366i	-0.1377+0.0727i	-0.1697+0.0827i	0.4970-0.4717i	1.7465+2.1257i	0.1123-0.5481i	-3.5615+1.5693i
21.4	-0.2112+0.1107i	-0.2088+0.1358i	-0.1366+0.0722i	-0.1679+0.0831i	0.3828-0.5047i	1.6217+2.0757i	0.0492-0.5672i	-3.6543+1.5398i
21.5	-0.2184+0.1081i	-0.2138+0.1297i	-0.1406+0.0697i	-0.1709+0.0804i	0.2583-0.4417i	1.3565+1.9928i	0.0089-0.5404i	-3.8489+1.4830i
21.6	-0.2231+0.1061i	-0.2160+0.1252i	-0.1428+0.0676i	-0.1727+0.0783i	0.2485-0.4403i	1.2022+1.9772i	0.0040-0.5172i	-3.9588+1.4684i
21.7	-0.2269+0.1121i	-0.2183+0.1302i	-0.1453+0.0709i	-0.1744+0.0814i	0.2105-0.4306i	1.0728+2.0744i	-0.0198-0.4870i	-4.0685+1.5403i
21.8	-0.2335+0.1151i	-0.2227+0.1306i	-0.1482+0.0725i	-0.1776+0.0825i	0.1388-0.3753i	0.8159+2.0864i	-0.0419-0.4597i	-4.2516+1.5605i
21.9	-0.2428+0.1260i	-0.2312+0.1394i	-0.1539+0.0790i	-0.1829+0.0885i	0.0255-0.2916i	0.5873+2.1641i	-0.0726-0.4299i	-4.4283+1.6414i
22.0	-0.2525+0.1409i	-0.2403+0.1507i	-0.1601+0.0873i	-0.1886+0.0969i	-0.0485-0.2357i	0.3796+2.3434i	-0.0957-0.4173i	-4.5984+1.7887i
22.1	-0.2597+0.1502i	-0.2469+0.1583i	-0.1648+0.0925i	-0.1929+0.1021i	-0.0953-0.2306i	0.1821+2.4330i	-0.1122-0.3863i	-4.7468+1.8665i
22.2	-0.2580+0.1714i	-0.2449+0.1771i	-0.1634+0.1054i	-0.1917+0.1146i	-0.1203-0.1461i	0.0927+2.6807i	-0.1214-0.3700i	-4.8003+2.0722i
22.3	-0.2609+0.1988i	-0.2479+0.2022i	-0.1653+0.1226i	-0.1934+0.1307i	-0.1258-0.0247i	-0.0317+3.0014i	-0.1227-0.3221i	-4.8875+2.3402i
22.4	-0.2451+0.2273i	-0.2333+0.2292i	-0.1555+0.1403i	-0.1838+0.1479i	-0.1166+0.0592i	0.0463+3.3178i	-0.1347-0.2972i	-4.8093+2.6149i
22.5	-0.2289+0.2585i	-0.2174+0.2581i	-0.1454+0.1594i	-0.1736+0.1661i	-0.0768+0.1348i	0.1404+3.6714i	-0.1211-0.2669i	-4.7234+2.9031i
22.6	-0.2085+0.2866i	-0.1982+0.2837i	-0.1325+0.1765i	-0.1612+0.1827i	-0.0411+0.2221i	0.3117+3.9387i	-0.1185-0.2383i	-4.5743+3.1289i
22.7	-0.1648+0.3099i	-0.1564+0.3065i	-0.1057+0.1914i	-0.1345+0.1974i	0.0223+0.2896i	0.7515+4.1574i	-0.1058-0.2136i	-4.2028+3.3214i
22.8	-0.1146+0.3115i	-0.1080+0.3064i	-0.0746+0.1921i	-0.1038+0.1977i	0.1067+0.2829i	1.2020+4.1091i	-0.0855-0.1853i	-3.8131+3.2933i
22.9	-0.0645+0.3017i	-0.0602+0.2968i	-0.0433+0.1865i	-0.0732+0.1918i	0.1214+0.2638i	1.6435+3.9403i	-0.0796-0.1948i	-3.4369+3.1713i
23.0	-0.0220+0.2684i	-0.0192+0.2648i	-0.0163+0.1663i	-0.0472+0.1718i	0.1798+0.2158i	1.9905+3.5591i	-0.0720-0.2055i	-3.1326+2.8588i
23.1	0.0091+0.2365i	0.0100+0.2341i	0.0026+0.1464i	-0.0283+0.1524i	0.2326+0.1735i	2.2275+3.1921i	-0.0808-0.1828i	-2.9240+2.5534i
23.2	0.0198+0.1983i	0.0208+0.1965i	0.0097+0.1225i	-0.0211+0.1284i	0.2210+0.1813i	2.2229+2.7232i	-0.0814-0.1564i	-2.9186+2.1773i
23.3	0.0149+0.1703i	0.0159+0.1683i	0.0074+0.1053i	-0.0244+0.1108i	0.1911+0.1454i	2.0266+2.4074i	-0.0684-0.1439i	-3.0540+1.9197i
23.4	0.0149+0.1402i	0.0160+0.1389i	0.0078+0.0867i	-0.0247+0.0916i	0.2176+0.1221i	1.9033+2.0802i	-0.0548-0.1257i	-3.1383+1.6533i
23.5	0.0053+0.1167i	0.0070+0.1151i	0.0019+0.0717i	-0.0308+0.0770i	0.2499+0.0887i	1.6896+1.8263i	-0.0367-0.1254i	-3.3087+1.4518i
23.6	-0.0042+0.1015i	-0.0024+0.0987i	-0.0042+0.0617i	-0.0370+0.0674i	0.2484+0.0778i	1.4753+1.6722i	-0.0191-0.1200i	-3.4717+1.3224i
23.7	-0.0131+0.0897i	-0.0110+0.0867i	-0.0097+0.0544i	-0.0423+0.0601i	0.2246+0.1003i	1.2979+1.5519i	-0.0135-0.1251i	-3.6105+1.2277i
23.8	-0.0241+0.0772i	-0.0230+0.0742i	-0.0164+0.0462i	-0.0498+0.0523i	0.1993+0.0775i	1.0486+1.4600i	-0.0016-0.1309i	-3.7967+1.1468i
23.9	-0.0325+0.0704i	-0.0318+0.0670i	-0.0219+0.0417i	-0.0556+0.0479i	0.1810+0.0954i	0.8811+1.4050i	0.0067-0.1252i	-3.9255+1.1053i
24.0	-0.0429+0.0638i	-0.0424+0.0595i	-0.0284+0.0371i	-0.0624+0.0435i	0.1496+0.0706i	0.6653+1.3618i	0.0080-0.1360i	-4.0883+1.0609i
24.1	-0.0511+0.0613i	-0.0512+0.0564i	-0.0334+0.0354i	-0.0675+0.0422i	0.0963+0.0608i	0.4900+1.3516i	0.0097-0.1481i	-4.2192+1.0472i
24.2	-0.0593+0.0567i	-0.0606+0.0518i	-0.0386+0.0331i	-0.0728+0.0396i	0.0899+0.0453i	0.3125+1.3074i	0.0118-0.1493i	-4.3563+1.0173i
24.3	-0.0675+0.0539i	-0.0697+0.0490i	-0.0440+0.0314i	-0.0784+0.0379i	0.0649+0.0252i	0.1466+1.2926i	0.0041-0.1478i	-4.4909+1.0075i
24.4	-0.0732+0.0519i	-0.0756+0.0466i	-0.0478+0.0303i	-0.0823+0.0365i	0.0751+0.0245i	0.0183+1.2735i	0.0115-0.1468i	-4.5849+0.9922i
24.5	-0.0815+0.0503i	-0.0849+0.0456i	-0.0537+0.0294i	-0.0880+0.0358i	0.0398-0.0001i	-0.2062+1.2967i	0.0135-0.1520i	-4.7496+1.0105i

24.6	-0.0883+0.0498i	-0.0929+0.0449i	-0.0576+0.0286i	-0.0933+0.0355i	0.0105+0.0073i	-0.3596+1.3275i	0.0127-0.1520i	-4.8683+1.0243i
24.7	-0.0947+0.0524i	-0.1000+0.0474i	-0.0617+0.0302i	-0.0977+0.0372i	-0.0068+0.0130i	-0.4892+1.3875i	0.0136-0.1566i	-4.9740+1.0796i
24.8	-0.1007+0.0522i	-0.1071+0.0483i	-0.0655+0.0304i	-0.1022+0.0380i	-0.0396+0.0109i	-0.6618+1.4149i	0.0083-0.1584i	-5.1035+1.1034i
24.9	-0.1065+0.0526i	-0.1134+0.0493i	-0.0696+0.0308i	-0.1065+0.0391i	-0.0639+0.0336i	-0.7947+1.4623i	0.0138-0.1540i	-5.2135+1.1401i
25.0	-0.1127+0.0534i	-0.1205+0.0512i	-0.0738+0.0311i	-0.1108+0.0401i	-0.0399+0.0088i	-0.9379+1.5221i	0.0172-0.1603i	-5.3280+1.1791i
25.1	-0.1163+0.0582i	-0.1265+0.0563i	-0.0767+0.0345i	-0.1141+0.0436i	-0.0798+0.0068i	-1.0880+1.5846i	-0.0039-0.1955i	-5.4331+1.2432i
25.2	-0.1229+0.0600i	-0.1334+0.0585i	-0.0809+0.0357i	-0.1182+0.0454i	-0.1260-0.0004i	-1.2420+1.6512i	-0.0196-0.1988i	-5.5592+1.2933i
25.3	-0.1295+0.0627i	-0.1396+0.0616i	-0.0849+0.0375i	-0.1223+0.0478i	-0.1516+0.0060i	-1.3784+1.7128i	-0.0187-0.1945i	-5.6718+1.3417i
25.4	-0.1362+0.0680i	-0.1474+0.0688i	-0.0897+0.0413i	-0.1274+0.0525i	-0.2093+0.0241i	-1.5783+1.8540i	-0.0283-0.2085i	-5.8357+1.4593i
25.5	-0.1397+0.0731i	-0.1513+0.0754i	-0.0922+0.0453i	-0.1298+0.0568i	-0.2297+0.0258i	-1.6813+2.0093i	-0.0487-0.2147i	-5.9105+1.5896i
25.6	-0.1436+0.0800i	-0.1555+0.0844i	-0.0950+0.0506i	-0.1329+0.0628i	-0.2410+0.0636i	-1.7993+2.1980i	-0.0638-0.2114i	-6.0016+1.7502i
25.7	-0.1499+0.0889i	-0.1624+0.0960i	-0.0997+0.0573i	-0.1371+0.0706i	-0.3183+0.0680i	-1.9353+2.4474i	-0.0745-0.2193i	-6.1196+1.9500i
25.8	-0.1517+0.0977i	-0.1638+0.1060i	-0.1006+0.0633i	-0.1371+0.0774i	-0.3534+0.0952i	-1.9751+2.6660i	-0.0988-0.2312i	-6.1483+2.1304i
25.9	-0.1521+0.1080i	-0.1629+0.1186i	-0.1004+0.0705i	-0.1360+0.0860i	-0.3899+0.1371i	-1.9425+2.9471i	-0.1425-0.2337i	-6.1228+2.3616i
26.0	-0.1526+0.1150i	-0.1629+0.1277i	-0.1006+0.0758i	-0.1362+0.0916i	-0.4559+0.1629i	-1.9217+3.1139i	-0.1852-0.2215i	-6.1139+2.5009i
26.1	-0.1515+0.1234i	-0.1601+0.1386i	-0.0998+0.0823i	-0.1340+0.0990i	-0.4913+0.2445i	-1.8973+3.3117i	-0.2158-0.1976i	-6.0897+2.6719i
26.2	-0.1470+0.1313i	-0.1525+0.1490i	-0.0961+0.0884i	-0.1286+0.1054i	-0.4780+0.3499i	-1.7728+3.5084i	-0.2290-0.1380i	-5.9726+2.8420i
26.3	-0.1392+0.1428i	-0.1412+0.1612i	-0.0900+0.0969i	-0.1215+0.1132i	-0.4537+0.4314i	-1.5597+3.7268i	-0.2312-0.1029i	-5.8033+3.0418i
26.4	-0.1318+0.1458i	-0.1307+0.1634i	-0.0841+0.0989i	-0.1150+0.1143i	-0.4046+0.4716i	-1.3659+3.7870i	-0.2256-0.0811i	-5.6440+3.0983i
26.5	-0.1282+0.1500i	-0.1235+0.1679i	-0.0812+0.1025i	-0.1103+0.1168i	-0.3559+0.5263i	-1.2305+3.8927i	-0.2046-0.0618i	-5.5304+3.1800i
26.6	-0.1250+0.1540i	-0.1178+0.1711i	-0.0783+0.1055i	-0.1070+0.1193i	-0.3201+0.4995i	-1.1334+3.9528i	-0.1972-0.0709i	-5.4547+3.2309i
26.7	-0.1165+0.1577i	-0.1073+0.1713i	-0.0715+0.1076i	-0.1006+0.1203i	-0.3013+0.4980i	-0.9284+3.9419i	-0.1963-0.0859i	-5.2787+3.2326i
26.8	-0.1108+0.1599i	-0.1006+0.1723i	-0.0670+0.1089i	-0.0960+0.1214i	-0.2829+0.5041i	-0.7991+3.9379i	-0.2111-0.0861i	-5.1689+3.2530i
26.9	-0.1059+0.1633i	-0.0947+0.1738i	-0.0633+0.1110i	-0.0923+0.1232i	-0.2865+0.5025i	-0.6753+3.9780i	-0.2260-0.0929i	-5.0718+3.2907i
27.0	-0.0993+0.1699i	-0.0869+0.1785i	-0.0579+0.1152i	-0.0869+0.1260i	-0.2481+0.5187i	-0.5269+4.0255i	-0.2445-0.0797i	-4.9373+3.3400i
27.1	-0.0929+0.1757i	-0.0798+0.1824i	-0.0527+0.1191i	-0.0818+0.1291i	-0.2377+0.5610i	-0.3583+4.0757i	-0.2531-0.0721i	-4.8001+3.3951i
27.2	-0.0834+0.1805i	-0.0697+0.1858i	-0.0455+0.1224i	-0.0748+0.1314i	-0.2196+0.5928i	-0.1637+4.0866i	-0.2702-0.0685i	-4.6280+3.4266i
27.3	-0.0729+0.1841i	-0.0585+0.1884i	-0.0375+0.1241i	-0.0676+0.1331i	-0.1879+0.6209i	0.0421+4.1308i	-0.2930-0.0400i	-4.4369+3.4667i
27.4	-0.0612+0.1862i	-0.0461+0.1891i	-0.0289+0.1254i	-0.0592+0.1339i	-0.1251+0.6070i	0.3078+4.1422i	-0.2998-0.0224i	-4.2049+3.4683i
27.5	-0.0464+0.1828i	-0.0309+0.1823i	-0.0181+0.1222i	-0.0497+0.1306i	-0.0813+0.5572i	0.6260+3.9337i	-0.3048-0.0109i	-3.9402+3.3131i
27.6	-0.0322+0.1767i	-0.0155+0.1738i	-0.0078+0.1171i	-0.0399+0.1250i	-0.0780+0.5312i	0.9319+3.6872i	-0.3167-0.0059i	-3.6875+3.1239i
27.7	-0.0229+0.1689i	-0.0079+0.1642i	-0.0010+0.1105i	-0.0340+0.1188i	-0.1340+0.4797i	0.9900+3.4246i	-0.3389+0.0038i	-3.6004+2.9111i
27.8	-0.0159+0.1624i	-0.0019+0.1562i	0.0037+0.1057i	-0.0300+0.1138i	-0.1288+0.4511i	1.0789+3.2161i	-0.3504+0.0399i	-3.5135+2.7424i
27.9	-0.0087+0.1534i	0.0048+0.1461i	0.0088+0.0993i	-0.0255+0.1072i	-0.0878+0.4295i	1.1835+2.9409i	-0.3555+0.0568i	-3.4280+2.5229i
28.0	-0.0038+0.1423i	0.0085+0.1335i	0.0124+0.0906i	-0.0228+0.0995i	-0.1226+0.4739i	1.1568+2.6720i	-0.3661+0.0719i	-3.4364+2.2960i
28.1	-0.0011+0.1346i	0.0093+0.1241i	0.0129+0.0843i	-0.0214+0.0938i	-0.0960+0.4676i	1.1387+2.4925i	-0.3842+0.0760i	-3.4525+2.1409i
28.2	0.0037+0.1253i	0.0113+0.1132i	0.0150+0.0774i	-0.0181+0.0865i	-0.1865+0.3693i	1.1094+2.2588i	-0.4312+0.0956i	-3.4580+1.9490i
28.3	0.0081+0.1148i	0.0127+0.1034i	0.0178+0.0710i	-0.0167+0.0790i	-0.2696+0.4346i	1.0447+2.0231i	-0.4529+0.1575i	-3.4792+1.7692i
28.4	0.0067+0.1014i	0.0103+0.0911i	0.0171+0.0623i	-0.0187+0.0702i	-0.3010+0.5103i	0.9445+1.7610i	-0.4387+0.1947i	-3.5579+1.5533i
28.5	0.0051+0.0914i	0.0078+0.0815i	0.0163+0.0552i	-0.0210+0.0635i	-0.3529+0.5514i	0.8529+1.5504i	-0.4242+0.1979i	-3.6250+1.3775i
28.6	-0.0002+0.0864i	0.0019+0.0769i	0.0124+0.0514i	-0.0254+0.0608i	-0.2453+0.5073i	0.7183+1.4754i	-0.4181+0.2259i	-3.7336+1.3037i
28.7	-0.0037+0.0789i	-0.0021+0.0696i	0.0104+0.0462i	-0.0285+0.0560i	-0.2938+0.4480i	0.5971+1.3204i	-0.4383+0.2606i	-3.8459+1.1810i
28.8	-0.0105+0.0718i	-0.0095+0.0641i	0.0051+0.0406i	-0.0329+0.0524i	-0.2945+0.4571i	0.4249+1.2161i	-0.4420+0.3153i	-3.9744+1.0966i
28.9	-0.0155+0.0666i	-0.0145+0.0591i	0.0016+0.0368i	-0.0362+0.0494i	-0.3502+0.5037i	0.3010+1.1374i	-0.4267+0.3361i	-4.0719+1.0233i
29.0	-0.0204+0.0627i	-0.0192+0.0561i	-0.0016+0.0348i	-0.0396+0.0470i	-0.3814+0.6181i	0.1433+1.0303i	-0.4142+0.3730i	-4.1993+0.9456i
29.1	-0.0258+0.0593i	-0.0247+0.0537i	-0.0053+0.0329i	-0.0431+0.0453i	-0.3450+0.7216i	0.0034+0.9458i	-0.4115+0.4073i	-4.3159+0.8854i
29.2	-0.0313+0.0559i	-0.0301+0.0511i	-0.0089+0.0306i	-0.0467+0.0435i	-0.3326+0.6971i	-0.1075+0.9076i	-0.4116+0.4351i	-4.4076+0.8484i
29.3	-0.0376+0.0537i	-0.0351+0.0492i	-0.0128+0.0290i	-0.0506+0.0428i	-0.4064+0.6955i	-0.2452+0.8451i	-0.3799+0.4881i	-4.5143+0.8117i
29.4	-0.0446+0.0525i	-0.0410+0.0485i	-0.0171+0.0282i	-0.0551+0.0421i	-0.3311+0.6898i	-0.3958+0.8235i	-0.3657+0.5353i	-4.6351+0.7994i
29.5	-0.0499+0.0516i	-0.0456+0.0481i	-0.0210+0.0275i	-0.0581+0.0416i	-0.3421+0.7769i	-0.5020+0.7933i	-0.3396+0.5728i	-4.7190+0.7813i
29.6	-0.0554+0.0522i	-0.0496+0.0490i	-0.0239+0.0277i	-0.0613+0.0424i	-0.2844+0.7902i	-0.6275+0.7913i	-0.3048+0.5787i	-4.8159+0.7865i
29.7	-0.0612+0.0516i	-0.0547+0.0488i	-0.0274+0.0275i	-0.0651+0.0423i	-0.2794+0.8223i	-0.7447+0.7804i	-0.2824+0.5976i	-4.9115+0.7832i
29.8	-0.0664+0.0523i	-0.0581+0.0486i	-0.0302+0.0278i	-0.0678+0.0425i	-0.2749+0.8428i	-0.8652+0.7636i	-0.2444+0.6050i	-4.9981+0.7686i
29.9	-0.0725+0.0546i	-0.0623+0.0503i	-0.0338+0.0288i	-0.0708+0.0441i	-0.2094+0.8531i	-0.9640+0.7867i	-0.2078+0.6342i	-5.0816+0.7887i
30.0	-0.0772+0.0578i	-0.0655+0.0529i	-0.0367+0.0305i	-0.0736+0.0463i	-0.1770+0.8188i	-1.0802+0.7914i	-0.1594+0.6471i	-5.1722+0.8046i
30.1	-0.0858+0.0609i	-0.0717+0.0548i	-0.0418+0.0320i	-0.0786+0.0483i	-0.1597+0.8602i	-1.2093+0.8313i	-0.1207+0.6672i	-5.2747+0.8409i
30.2	-0.0906+0.0635i	-0.0740+0.0571i	-0.0439+0.0333i	-0.0810+0.0503i	-0.1246+0.8839i	-1.3171+0.8704i	-0.0794+0.6751i	-5.3520+0.8785i
30.3	-0.0971+0.0686i	-0.0747+0.0593i	-0.0463+0.0356i	-0.0834+0.0534i	-0.1035+0.8781i	-1.4103+0.8847i	-0.0525+0.6654i	-5.4295+0.9065i
30.4	-0.0996+0.0760i	-0.0768+0.0593i	-0.0480+0.0380i	-0.0844+0.0556i	-0.1014+0.8830i	-1.4827+0.9357i	-0.0504+0.6481i	-5.4864+0.9497i
30.5	-0.1003+0.0818i	-0.0795+0.0602i	-0.0498+0.0403i	-0.0851+0.0580i	-0.0544+0.8785i	-1.5364+0.9725i	-0.0400+0.6620i	-5.5289+0.9882i
30.6	-0.1037+0.0849i	-0.0846+0.0608i	-0.0531+0.0415i	-0.0880+0.0595i	-0.0062+0.9012i	-1.6172+0.9962i	-0.0005+0.6753i	-5.5903+1.0099i
30.7	-0.1078+0.0900i	-0.0888+0.0646i	-0.0557+0.0448i	-0.0908+0.0625i	-0.0036+0.9061i	-1.7247+1.0474i	0.0397+0.6716i	-5.6728+1.0565i
30.8	-0.1126+0.0961i	-0.0925+0.0677i	-0.0586+0.0476i	-0.0934+0.0652i	0.0274+0.8766i	-1.8111+1.1060i	0.0849+0.6609i	-5.7446+1.1154i

30.9	-0.1153+0.1043i	-0.0965+0.0734i	-0.0612+0.0522i	-0.0954+0.0695i	0.0517+0.8736i	-1.8989+1.1777i	0.1186+0.6510i	-5.8120+1.1837i
31.0	-0.1182+0.1123i	-0.0996+0.0803i	-0.0629+0.0573i	-0.0970+0.0752i	0.0815+0.8418i	-1.9831+1.2401i	0.1497+0.6440i	-5.8626+1.2553i
31.1	-0.1172+0.1254i	-0.1004+0.0884i	-0.0630+0.0645i	-0.0967+0.0822i	0.1472+0.8798i	-2.0593+1.3636i	0.1904+0.6323i	-5.9171+1.3738i
31.2	-0.1165+0.1348i	-0.1002+0.0933i	-0.0627+0.0695i	-0.0964+0.0866i	0.1922+0.8234i	-2.0868+1.4624i	0.2247+0.5955i	-5.9349+1.4541i
31.3	-0.1164+0.1435i	-0.1006+0.0982i	-0.0628+0.0745i	-0.0963+0.0912i	0.1975+0.7684i	-2.1239+1.5513i	0.2393+0.5437i	-5.9580+1.5324i
31.4	-0.1113+0.1559i	-0.0984+0.1052i	-0.0605+0.0809i	-0.0936+0.0976i	0.1962+0.7727i	-2.1300+1.6366i	0.2548+0.5195i	-5.9490+1.6232i
31.5	-0.1096+0.1686i	-0.0981+0.1121i	-0.0604+0.0874i	-0.0927+0.1042i	0.1634+0.7229i	-2.1471+1.7602i	0.2515+0.4908i	-5.9543+1.7447i
31.6	-0.1020+0.1811i	-0.0942+0.1194i	-0.0563+0.0938i	-0.0890+0.1113i	0.1703+0.7154i	-2.1326+1.8785i	0.2438+0.4674i	-5.9243+1.8587i
31.7	-0.0908+0.1960i	-0.0898+0.1283i	-0.0512+0.1019i	-0.0837+0.1191i	0.1761+0.7078i	-2.1072+1.9967i	0.2403+0.4323i	-5.8782+1.9748i
31.8	-0.0775+0.2101i	-0.0834+0.1366i	-0.0451+0.1092i	-0.0770+0.1260i	0.1684+0.7056i	-2.0363+2.1217i	0.2404+0.4101i	-5.8118+2.0981i
31.9	-0.0597+0.2217i	-0.0751+0.1422i	-0.0360+0.1150i	-0.0682+0.1317i	0.2116+0.6826i	-1.9339+2.2139i	0.2271+0.3993i	-5.6947+2.1948i
32.0	-0.0426+0.2199i	-0.0676+0.1431i	-0.0275+0.1156i	-0.0599+0.1318i	0.2228+0.6484i	-1.8514+2.2492i	0.2174+0.3732i	-5.5985+2.2248i
32.1	-0.0184+0.2215i	-0.0559+0.1455i	-0.0163+0.1179i	-0.0479+0.1327i	0.2135+0.6001i	-1.7010+2.3246i	0.1994+0.3490i	-5.4480+2.2908i
32.2	0.0045+0.2203i	-0.0457+0.1469i	-0.0054+0.1180i	-0.0367+0.1320i	0.1997+0.5705i	-1.5733+2.3921i	0.1873+0.3270i	-5.3047+2.3321i
32.3	0.0223+0.2132i	-0.0358+0.1439i	0.0047+0.1155i	-0.0275+0.1289i	0.1794+0.5174i	-1.4673+2.3345i	0.1628+0.3018i	-5.1760+2.2892i
32.4	0.0368+0.2027i	-0.0273+0.1388i	0.0133+0.1114i	-0.0204+0.1239i	0.1789+0.5453i	-1.3224+2.2710i	0.1366+0.2918i	-5.0263+2.2229i
32.5	0.0532+0.1881i	-0.0195+0.1339i	0.0212+0.1053i	-0.0128+0.1173i	0.1591+0.4993i	-1.1747+2.2040i	0.1103+0.2826i	-4.8900+2.1640i
32.6	0.0625+0.1726i	-0.0139+0.1285i	0.0269+0.0981i	-0.0085+0.1095i	0.0836+0.4588i	-1.0968+2.0926i	0.0748+0.2703i	-4.8027+2.0702i
32.7	0.0656+0.1578i	-0.0097+0.1221i	0.0304+0.0909i	-0.0062+0.1024i	0.0726+0.4465i	-1.0530+2.0166i	0.0377+0.2605i	-4.7437+1.9875i
32.8	0.0642+0.1447i	-0.0087+0.1138i	0.0312+0.0838i	-0.0066+0.0955i	0.0827+0.4557i	-1.0293+1.9149i	0.0084+0.2700i	-4.7169+1.8698i
32.9	0.0642+0.1346i	-0.0085+0.1070i	0.0323+0.0773i	-0.0075+0.0901i	0.0051+0.4481i	-1.0054+1.7935i	-0.0387+0.2796i	-4.6920+1.7552i
33.0	0.0573+0.1256i	-0.0078+0.1009i	0.0312+0.0721i	-0.0100+0.0856i	-0.0625+0.4145i	-0.9867+1.6999i	-0.0941+0.2960i	-4.6827+1.6715i
33.1	0.0554+0.1173i	-0.0084+0.0948i	0.0309+0.0666i	-0.0112+0.0812i	-0.1327+0.4536i	-1.0319+1.5949i	-0.1371+0.3319i	-4.7166+1.5749i
33.2	0.0569+0.1128i	-0.0117+0.0893i	0.0306+0.0622i	-0.0126+0.0789i	-0.1925+0.5091i	-1.0985+1.5015i	-0.1858+0.3875i	-4.7695+1.4950i
33.3	0.0583+0.1061i	-0.0121+0.0874i	0.0310+0.0590i	-0.0122+0.0767i	-0.1827+0.5392i	-1.1258+1.4764i	-0.2030+0.4341i	-4.7849+1.4712i
33.4	0.0583+0.0984i	-0.0138+0.0829i	0.0303+0.0537i	-0.0126+0.0738i	-0.1836+0.5736i	-1.1403+1.4061i	-0.2074+0.4952i	-4.7878+1.4046i
33.5	0.0538+0.0906i	-0.0169+0.0794i	0.0276+0.0489i	-0.0152+0.0708i	-0.1902+0.6178i	-1.1571+1.3424i	-0.2121+0.5762i	-4.8124+1.3553i
33.6	0.0471+0.0845i	-0.0239+0.0769i	0.0225+0.0456i	-0.0192+0.0692i	-0.1792+0.7082i	-1.2794+1.2448i	-0.1800+0.6582i	-4.9002+1.2882i
33.7	0.0411+0.0832i	-0.0287+0.0754i	0.0188+0.0441i	-0.0224+0.0687i	-0.1510+0.7560i	-1.3472+1.2101i	-0.1498+0.7015i	-4.9577+1.2527i
33.8	0.0341+0.0826i	-0.0323+0.0781i	0.0151+0.0450i	-0.0249+0.0693i	-0.1453+0.7747i	-1.4072+1.2249i	-0.0928+0.7184i	-5.0089+1.2766i
33.9	0.0290+0.0872i	-0.0367+0.0829i	0.0111+0.0482i	-0.0276+0.0726i	-0.1124+0.7432i	-1.4751+1.2526i	-0.0426+0.7142i	-5.0599+1.3156i
34.0	0.0287+0.0930i	-0.0367+0.0889i	0.0110+0.0520i	-0.0274+0.0768i	-0.0588+0.7543i	-1.4975+1.3192i	-0.0148+0.7250i	-5.0700+1.3915i
34.1	0.0302+0.0967i	-0.0314+0.0944i	0.0139+0.0557i	-0.0243+0.0803i	-0.0317+0.7218i	-1.4456+1.3841i	-0.0008+0.7108i	-5.0057+1.4581i
34.2	0.0364+0.0984i	-0.0246+0.0968i	0.0185+0.0572i	-0.0197+0.0814i	-0.0237+0.7420i	-1.3870+1.3866i	0.0068+0.6913i	-4.9244+1.4562i
34.3	0.0442+0.1006i	-0.0160+0.0940i	0.0241+0.0566i	-0.0143+0.0814i	-0.0342+0.7110i	-1.2991+1.3487i	0.0058+0.6886i	-4.8307+1.4129i
34.4	0.0496+0.0983i	-0.0105+0.0900i	0.0280+0.0536i	-0.0102+0.0791i	-0.0408+0.7431i	-1.2728+1.2706i	-0.0059+0.6969i	-4.7741+1.3415i
34.5	0.0520+0.0931i	-0.0076+0.0839i	0.0301+0.0493i	-0.0082+0.0749i	-0.0692+0.7499i	-1.2570+1.1874i	-0.0222+0.7012i	-4.7443+1.2562i
34.6	0.0542+0.0874i	-0.0081+0.0753i	0.0307+0.0442i	-0.0074+0.0701i	-0.0608+0.7428i	-1.2531+1.0807i	-0.0141+0.7348i	-4.7317+1.1600i
34.7	0.0563+0.0818i	-0.0093+0.0669i	0.0314+0.0387i	-0.0072+0.0660i	-0.0669+0.8076i	-1.2762+0.9932i	-0.0197+0.7626i	-4.7398+1.0773i
34.8	0.0581+0.0752i	-0.0121+0.0611i	0.0306+0.0342i	-0.0078+0.0620i	-0.0865+0.8085i	-1.3364+0.9145i	-0.0234+0.7975i	-4.7915+0.9861i
34.9	0.0578+0.0712i	-0.0159+0.0590i	0.0285+0.0318i	-0.0088+0.0606i	-0.0561+0.7891i	-1.3730+0.8477i	-0.0164+0.8350i	-4.8267+0.9342i
35.0	0.0579+0.0678i	-0.0228+0.0548i	0.0257+0.0286i	-0.0107+0.0586i	-0.0649+0.8425i	-1.4695+0.8007i	-0.0145+0.8733i	-4.9021+0.8881i
35.1	0.0563+0.0660i	-0.0290+0.0527i	0.0227+0.0268i	-0.0131+0.0575i	-0.0809+0.8907i	-1.5327+0.7411i	0.0026+0.9117i	-4.9505+0.8371i
35.2	0.0562+0.0634i	-0.0353+0.0526i	0.0201+0.0256i	-0.0150+0.0569i	-0.0992+0.8787i	-1.6032+0.6976i	0.0006+0.9436i	-5.0039+0.8119i
35.3	0.0557+0.0616i	-0.0412+0.0529i	0.0172+0.0249i	-0.0172+0.0568i	-0.1136+0.8886i	-1.6304+0.6855i	-0.0132+0.9946i	-5.0413+0.8067i
35.4	0.0563+0.0585i	-0.0486+0.0544i	0.0147+0.0234i	-0.0187+0.0569i	-0.0425+0.8803i	-1.7089+0.6529i	0.0151+1.0664i	-5.1118+0.7672i
35.5	0.0551+0.0562i	-0.0540+0.0572i	0.0122+0.0240i	-0.0202+0.0577i	-0.0363+0.9347i	-1.8197+0.6334i	0.0541+1.0970i	-5.1759+0.7525i
35.6	0.0555+0.0575i	-0.0580+0.0610i	0.0106+0.0253i	-0.0212+0.0595i	-0.0327+0.9649i	-1.8530+0.6068i	0.0999+1.1440i	-5.2012+0.7654i
35.7	0.0550+0.0614i	-0.0596+0.0694i	0.0092+0.0294i	-0.0212+0.0635i	0.0032+1.0278i	-1.8809+0.6603i	0.1500+1.1856i	-5.2183+0.8196i
35.8	0.0598+0.0637i	-0.0593+0.0764i	0.0104+0.0321i	-0.0189+0.0670i	0.0512+1.0906i	-1.9048+0.6790i	0.1812+1.2187i	-5.2059+0.8584i
35.9	0.0698+0.0638i	-0.0553+0.0820i	0.0141+0.0334i	-0.0135+0.0697i	0.0890+1.1178i	-1.9103+0.7101i	0.2547+1.2498i	-5.1646+0.8942i
36.0	0.0774+0.0599i	-0.0525+0.0835i	0.0173+0.0332i	-0.0088+0.0684i	0.1142+1.1133i	-1.8970+0.7157i	0.3251+1.2883i	-5.1364+0.8935i
36.1	0.0865+0.0541i	-0.0473+0.0841i	0.0216+0.0320i	-0.0032+0.0658i	0.2056+1.0959i	-1.8942+0.6786i	0.4179+1.2975i	-5.0944+0.8437i
36.2	0.0952+0.0476i	-0.0469+0.0835i	0.0242+0.0301i	0.0010+0.0634i	0.2897+1.0811i	-1.8989+0.6269i	0.4555+1.3058i	-5.0621+0.8007i
36.3	0.0995+0.0336i	-0.0505+0.0816i	0.0238+0.0243i	0.0016+0.0584i	0.2994+1.0798i	-1.9391+0.5614i	0.5156+1.3300i	-5.0771+0.7247i
36.4	0.1058+0.0178i	-0.0511+0.0786i	0.0252+0.0185i	0.0038+0.0518i	0.3571+1.0655i	-1.9651+0.4687i	0.5786+1.3425i	-5.0750+0.6124i
36.5	0.1034+0.0035i	-0.0581+0.0762i	0.0213+0.0133i	0.0012+0.0453i	0.3502+1.0314i	-2.0522+0.3865i	0.6551+1.3314i	-5.1378+0.5209i
36.6	0.1034-0.0062i	-0.0628+0.0783i	0.0193+0.0112i	0.0002+0.0426i	0.3788+0.9957i	-2.1056+0.3392i	0.7253+1.3027i	-5.1855+0.4828i
36.7	0.1003-0.0176i	-0.0699+0.0816i	0.0152+0.0089i	-0.0033+0.0391i	0.4718+0.9647i	-2.1913+0.2980i	0.7864+1.2560i	-5.2534+0.4412i
36.8	0.0959-0.0261i	-0.0740+0.0895i	0.0120+0.0094i	-0.0058+0.0385i	0.4986+0.9634i	-2.2908+0.3030i	0.8459+1.2275i	-5.3183+0.4272i
36.9	0.0914-0.0366i	-0.0771+0.0994i	0.0096+0.0104i	-0.0078+0.0384i	0.4907+0.9009i	-2.3445+0.3000i	0.8589+1.1826i	-5.3646+0.4282i
37.0	0.0853-0.0420i	-0.0797+0.1103i	0.0066+0.0129i	-0.0111+0.0399i	0.5454+0.8933i	-2.3979+0.3511i	0.8947+1.1606i	-5.4152+0.4725i
37.1	0.0852-0.0493i	-0.0801+0.1225i	0.0063+0.0143i	-0.0110+0.0409i	0.5606+0.8988i	-2.4549+0.3857i	0.9290+1.1471i	-5.4479+0.5012i

37.2	0.0791-0.0605i	-0.0776+0.1319i	0.0052+0.0143i	-0.0119+0.0405i	0.5129+0.8959i	-2.5066+0.3694i	0.9429+1.1556i	-5.4893+0.4884i
37.3	0.0718-0.0729i	-0.0727+0.1464i	0.0039+0.0157i	-0.0120+0.0409i	0.5077+0.9050i	-2.5621+0.3669i	0.9769+1.1697i	-5.5103+0.4980i
37.4	0.0626-0.0862i	-0.0653+0.1564i	0.0029+0.0156i	-0.0119+0.0391i	0.5641+0.9008i	-2.5997+0.3572i	1.0394+1.1719i	-5.5372+0.4706i
37.5	0.0513-0.1002i	-0.0523+0.1669i	0.0042+0.0150i	-0.0114+0.0376i	0.5662+0.8895i	-2.6333+0.3447i	1.0761+1.1510i	-5.5560+0.4444i
37.6	0.0412-0.1125i	-0.0409+0.1775i	0.0055+0.0147i	-0.0109+0.0372i	0.5755+0.8764i	-2.6431+0.3080i	1.1242+1.1604i	-5.5498+0.4153i
37.7	0.0120-0.1230i	-0.0196+0.1886i	0.0023+0.0158i	-0.0132+0.0373i	0.6707+0.8338i	-2.7617+0.3100i	1.2288+1.1457i	-5.6344+0.4255i
37.8	-0.0059-0.1331i	-0.0080+0.1968i	0.0001+0.0153i	-0.0145+0.0369i	0.6938+0.8526i	-2.8442+0.2958i	1.2792+1.1198i	-5.6853+0.4234i
37.9	-0.0340-0.1264i	0.0160+0.2005i	-0.0003+0.0193i	-0.0159+0.0397i	0.7179+0.8297i	-2.9022+0.3599i	1.3593+1.0912i	-5.7201+0.4855i
38.0	-0.0543-0.1092i	0.0408+0.1899i	0.0016+0.0227i	-0.0143+0.0410i	0.7520+0.7936i	-2.9442+0.4172i	1.4471+1.0241i	-5.7336+0.5317i
38.1	-0.0680-0.0946i	0.0673+0.1782i	0.0059+0.0246i	-0.0096+0.0400i	0.7546+0.7524i	-2.9370+0.4298i	1.5334+0.9422i	-5.6914+0.5320i
38.2	-0.0785-0.0828i	0.0839+0.1601i	0.0090+0.0228i	-0.0072+0.0370i	0.7607+0.6238i	-2.9470+0.4170i	1.5448+0.8466i	-5.6756+0.5140i
38.3	-0.0846-0.0698i	0.0947+0.1404i	0.0112+0.0208i	-0.0066+0.0340i	0.7583+0.5449i	-2.9806+0.4495i	1.5523+0.7951i	-5.6769+0.4997i
38.4	-0.0871-0.0592i	0.0985+0.1232i	0.0124+0.0181i	-0.0063+0.0316i	0.8107+0.5424i	-2.9904+0.4319i	1.5812+0.7573i	-5.6761+0.4692i
38.5	-0.0887-0.0500i	0.0962+0.1047i	0.0118+0.0144i	-0.0080+0.0282i	0.7473+0.5196i	-3.0296+0.4027i	1.5955+0.6893i	-5.6776+0.4267i
38.6	-0.0943-0.0355i	0.0957+0.0850i	0.0104+0.0128i	-0.0102+0.0264i	0.7436+0.4856i	-3.1114+0.3982i	1.6378+0.6376i	-5.7405+0.4308i
38.7	-0.0997-0.0256i	0.0960+0.0701i	0.0092+0.0115i	-0.0124+0.0244i	0.7854+0.4240i	-3.1563+0.3897i	1.6830+0.5967i	-5.7743+0.4023i
38.8	-0.0956-0.0126i	0.0883+0.0587i	0.0079+0.0126i	-0.0141+0.0250i	0.8036+0.3734i	-3.1896+0.4221i	1.7109+0.5266i	-5.8060+0.4355i
38.9	-0.0922+0.0038i	0.0815+0.0433i	0.0069+0.0130i	-0.0162+0.0252i	0.7850+0.3560i	-3.2445+0.4693i	1.7587+0.4526i	-5.8323+0.4680i
39.0	-0.0878+0.0133i	0.0757+0.0349i	0.0063+0.0132i	-0.0166+0.0253i	0.8079+0.3148i	-3.2580+0.4897i	1.7776+0.3639i	-5.8398+0.4922i
39.1	-0.0769+0.0202i	0.0664+0.0299i	0.0072+0.0134i	-0.0163+0.0259i	0.7745+0.2042i	-3.2749+0.4916i	1.7811+0.2682i	-5.8194+0.4959i
39.2	-0.0687+0.0272i	0.0579+0.0218i	0.0079+0.0130i	-0.0168+0.0256i	0.7563+0.1519i	-3.3166+0.5171i	1.8004+0.1942i	-5.8189+0.4869i
39.3	-0.0576+0.0298i	0.0502+0.0198i	0.0100+0.0133i	-0.0156+0.0264i	0.7611+0.1624i	-3.2887+0.5581i	1.7937+0.0982i	-5.7963+0.5160i
39.4	-0.0488+0.0296i	0.0424+0.0160i	0.0110+0.0121i	-0.0147+0.0252i	0.7519+0.1178i	-3.3165+0.5467i	1.7774+0.0177i	-5.7897+0.5059i
39.5	-0.0392+0.0253i	0.0361+0.0142i	0.0120+0.0095i	-0.0138+0.0228i	0.7169+0.0584i	-3.3380+0.5263i	1.7463-0.0648i	-5.7733+0.4672i
39.6	-0.0351+0.0172i	0.0326+0.0139i	0.0123+0.0070i	-0.0139+0.0200i	0.6653-0.0132i	-3.3358+0.5185i	1.7357-0.1520i	-5.7406+0.4262i
39.7	-0.0402+0.0146i	0.0278+0.0142i	0.0095+0.0058i	-0.0174+0.0194i	0.6149-0.0434i	-3.3771+0.5406i	1.6742-0.2413i	-5.7856+0.4076i
39.8	-0.0363+0.0187i	0.0243+0.0112i	0.0099+0.0054i	-0.0169+0.0202i	0.5298-0.0751i	-3.4075+0.5567i	1.5778-0.3211i	-5.7920+0.4045i
39.9	-0.0249+0.0139i	0.0183+0.0109i	0.0116+0.0040i	-0.0155+0.0189i	0.4707-0.1306i	-3.3930+0.5534i	1.5298-0.3712i	-5.7730+0.3885i
40.0	-0.0199+0.0103i	0.0131+0.0111i	0.0119+0.0029i	-0.0159+0.0172i	0.4906-0.1360i	-3.3965+0.5336i	1.4865-0.3924i	-5.7857+0.3708i
40.1	-0.0211+0.0028i	0.0088+0.0117i	0.0105+0.0004i	-0.0182+0.0140i	0.4425-0.1308i	-3.4731+0.5151i	1.4157-0.4188i	-5.8190+0.3242i
40.2	-0.0223-0.0010i	0.0067+0.0132i	0.0097-0.0007i	-0.0192+0.0132i	0.3768-0.1345i	-3.5018+0.4822i	1.3671-0.4271i	-5.8521+0.2996i
40.3	-0.0217-0.0065i	0.0028+0.0173i	0.0087-0.0017i	-0.0202+0.0131i	0.3242-0.1035i	-3.5016+0.4871i	1.3350-0.4406i	-5.8682+0.2735i
40.4	-0.0239-0.0106i	-0.0010+0.0165i	0.0066-0.0028i	-0.0231+0.0116i	0.3002-0.1015i	-3.5528+0.4971i	1.2914-0.4481i	-5.8844+0.2653i
40.5	-0.0244-0.0160i	-0.0037+0.0179i	0.0059-0.0042i	-0.0239+0.0101i	0.2568-0.1004i	-3.5596+0.4684i	1.2516-0.4605i	-5.9021+0.2425i
40.6	-0.0288-0.0213i	-0.0003+0.0204i	0.0058-0.0058i	-0.0241+0.0093i	0.2149-0.1045i	-3.5932+0.4394i	1.2224-0.4839i	-5.9226+0.2083i
40.7	-0.0341-0.0255i	-0.0022+0.0202i	0.0040-0.0074i	-0.0270+0.0074i	0.1572-0.1175i	-3.6643+0.4414i	1.1912-0.4877i	-5.9747+0.1848i
40.8	-0.0402-0.0267i	-0.0063+0.0191i	0.0013-0.0085i	-0.0304+0.0068i	0.1303-0.1037i	-3.7458+0.4692i	1.1623-0.5174i	-6.0426+0.1880i
40.9	-0.0416-0.0268i	-0.0071+0.0183i	0.0010-0.0082i	-0.0318+0.0079i	0.1268-0.0583i	-3.7838+0.5281i	1.1622-0.5724i	-6.0494+0.2193i
41.0	-0.0471-0.0355i	-0.0101+0.0209i	-0.0018-0.0106i	-0.0342+0.0062i	0.0704-0.1100i	-3.8436+0.5150i	1.1147-0.6168i	-6.0889+0.2062i
41.1	-0.0549-0.0384i	-0.0100+0.0237i	-0.0042-0.0113i	-0.0360+0.0065i	0.0195-0.1538i	-3.8918+0.4990i	1.0559-0.6568i	-6.1113+0.2086i
41.2	-0.0630-0.0317i	-0.0087+0.0222i	-0.0064-0.0092i	-0.0377+0.0088i	0.0068-0.1419i	-3.8729+0.4953i	1.0249-0.6507i	-6.1196+0.2409i
41.3	-0.0667-0.0242i	-0.0142+0.0216i	-0.0091-0.0071i	-0.0403+0.0108i	0.0120-0.0997i	-3.9125+0.5025i	0.9688-0.6531i	-6.1264+0.2585i
41.4	-0.0682-0.0258i	-0.0178+0.0236i	-0.0101-0.0077i	-0.0419+0.0102i	-0.0537-0.0446i	-3.9991+0.4989i	0.9152-0.6263i	-6.1541+0.2269i
41.5	-0.0756-0.0306i	-0.0188+0.0305i	-0.0128-0.0073i	-0.0445+0.0113i	-0.1207-0.0380i	-4.0589+0.5360i	0.8725-0.6444i	-6.1804+0.2306i
41.6	-0.0815-0.0261i	-0.0104+0.0358i	-0.0120-0.0035i	-0.0429+0.0147i	-0.0984-0.0147i	-3.9948+0.5177i	0.8006-0.6448i	-6.1364+0.2341i
41.7	-0.0857-0.0217i	-0.0029+0.0296i	-0.0105-0.0036i	-0.0421+0.0138i	-0.1057+0.0069i	-4.0069+0.5036i	0.8311-0.5950i	-6.1321+0.2213i
41.8	-0.0919-0.0176i	-0.0063+0.0266i	-0.0135-0.0044i	-0.0450+0.0148i	-0.1062-0.0451i	-4.0307+0.5020i	0.8450-0.6691i	-6.1489+0.2219i
41.9	-0.1024-0.0039i	-0.0073+0.0258i	-0.0178-0.0019i	-0.0478+0.0187i	-0.1580-0.0056i	-4.0742+0.5253i	0.7489-0.6720i	-6.1648+0.2116i
42.0	-0.1027+0.0092i	-0.0065+0.0244i	-0.0173+0.0020i	-0.0469+0.0216i	-0.2645+0.0167i	-4.1538+0.5386i	0.6944-0.6139i	-6.1859+0.2112i
42.1	-0.0989+0.0177i	-0.0106+0.0244i	-0.0171+0.0047i	-0.0475+0.0233i	-0.2681+0.0496i	-4.2117+0.5454i	0.7148-0.5774i	-6.2286+0.2247i
42.2	-0.0965+0.0246i	-0.0100+0.0272i	-0.0163+0.0085i	-0.0467+0.0263i	-0.3048+0.0706i	-4.3143+0.5485i	0.7027-0.6085i	-6.2536+0.2415i
42.3	-0.0842+0.0328i	-0.0073+0.0266i	-0.0112+0.0111i	-0.0429+0.0281i	-0.3381+0.0679i	-4.3074+0.5602i	0.6925-0.5975i	-6.2200+0.2503i
42.4	-0.0730+0.0304i	-0.0114+0.0260i	-0.0080+0.0096i	-0.0406+0.0268i	-0.3191+0.0277i	-4.3194+0.5159i	0.7054-0.6003i	-6.1992+0.2143i
42.5	-0.0711+0.0297i	-0.0093+0.0277i	-0.0066+0.0093i	-0.0395+0.0272i	-0.3102+0.0253i	-4.3332+0.5374i	0.6592-0.5884i	-6.1884+0.2197i
42.6	-0.0706+0.0275i	-0.0035+0.0267i	-0.0050+0.0079i	-0.0376+0.0256i	-0.3409+0.0926i	-4.3811+0.5395i	0.5974-0.5998i	-6.1994+0.1865i
42.7	-0.0724+0.0280i	-0.0002+0.0260i	-0.0045+0.0076i	-0.0369+0.0256i	-0.3524+0.1322i	-4.4047+0.5289i	0.5868-0.6289i	-6.2121+0.1638i
42.8	-0.0764+0.0311i	0.0009+0.0257i	-0.0051+0.0092i	-0.0383+0.0267i	-0.4009+0.2129i	-4.5346+0.5993i	0.6466-0.6209i	-6.2617+0.1913i
42.9	-0.0718+0.0434i	0.0027+0.0180i	-0.0027+0.0109i	-0.0373+0.0289i	-0.3572+0.2695i	-4.5200+0.5858i	0.6199-0.5976i	-6.2464+0.2315i
43.0	-0.0569+0.0432i	0.0012+0.0121i	0.0017+0.0076i	-0.0334+0.0262i	-0.4397+0.2035i	-4.5709+0.5874i	0.5606-0.6542i	-6.2219+0.1872i
43.1	-0.0525+0.0340i	-0.0004+0.0138i	0.0031+0.0047i	-0.0326+0.0240i	-0.4911+0.2164i	-4.6791+0.6098i	0.5552-0.7091i	-6.2368+0.1632i
43.2	-0.0547+0.0312i	-0.0002+0.0121i	0.0025+0.0029i	-0.0336+0.0230i	-0.4257+0.2181i	-4.7043+0.6301i	0.5352-0.7232i	-6.2605+0.1544i
43.3	-0.0526+0.0379i	-0.0005+0.0041i	0.0033+0.0017i	-0.0329+0.0224i	-0.5225+0.2073i	-4.7535+0.6373i	0.4583-0.7083i	-6.2805+0.1352i
43.4	-0.0428+0.0365i	-0.0062-0.0005i	0.0051-0.0006i	-0.0315+0.0208i	-0.5577+0.1565i	-4.8251+0.6123i	0.4351-0.6372i	-6.2676+0.0998i

43.5	-0.0393+0.0304i	-0.0125+0.0030i	0.0053-0.0013i	-0.0322+0.0207i	-0.5753+0.2545i	-4.9097+0.6089i	0.4764-0.6465i	-6.2638+0.0946i
43.6	-0.0331+0.0282i	-0.0138+0.0092i	0.0080-0.0011i	-0.0306+0.0219i	-0.6367+0.3215i	-4.9567+0.6726i	0.4550-0.7043i	-6.2339+0.1183i
43.7	-0.0398+0.0237i	-0.0071+0.0068i	0.0076-0.0042i	-0.0306+0.0201i	-0.6501+0.3122i	-4.9373+0.6475i	0.3932-0.7078i	-6.2534+0.0839i
43.8	-0.0409+0.0203i	-0.0076-0.0005i	0.0070-0.0092i	-0.0308+0.0172i	-0.6187+0.2658i	-4.9664+0.6228i	0.3370-0.7065i	-6.2597+0.0271i
43.9	-0.0416+0.0209i	-0.0160-0.0051i	0.0038-0.0116i	-0.0327+0.0167i	-0.6351+0.3319i	-5.0470+0.6361i	0.2614-0.6768i	-6.2881+0.0215i
44.0	-0.0391+0.0235i	-0.0220-0.0004i	0.0017-0.0088i	-0.0341+0.0191i	-0.6473+0.4064i	-5.0852+0.6614i	0.2555-0.6156i	-6.2896+0.0477i
44.1	-0.0218+0.0314i	-0.0151+0.0105i	0.0099-0.0033i	-0.0258+0.0245i	-0.7216+0.3110i	-5.0993+0.6517i	0.2458-0.5871i	-6.2193+0.0692i
44.2	-0.0186+0.0170i	-0.0148+0.0083i	0.0109-0.0086i	-0.0245+0.0190i	-0.6422+0.4335i	-5.1422+0.7284i	0.2340-0.5793i	-6.2325+0.0280i
44.3	-0.0203+0.0048i	-0.0135+0.0085i	0.0112-0.0138i	-0.0238+0.0150i	-0.6440+0.4228i	-5.2302+0.7255i	0.2245-0.6076i	-6.2450-0.0441i
44.4	-0.0245-0.0043i	-0.0052+0.0038i	0.0119-0.0186i	-0.0218+0.0103i	-0.8426+0.3235i	-5.3552+0.7063i	0.1991-0.5684i	-6.2367-0.1279i
44.5	-0.0279-0.0015i	-0.0066+0.0027i	0.0103-0.0177i	-0.0237+0.0114i	-0.8876+0.4101i	-5.4431+0.7618i	0.2074-0.5474i	-6.2674-0.1265i
44.6	-0.0218-0.0063i	0.0007-0.0022i	0.0154-0.0219i	-0.0200+0.0070i	-0.8764+0.4919i	-5.5438+0.8211i	0.1648-0.5485i	-6.2621-0.1719i
44.7	-0.0202-0.0151i	0.0045-0.0143i	0.0160-0.0298i	-0.0186-0.0006i	-0.9975+0.4529i	-5.6483+0.8381i	0.1634-0.5113i	-6.2793-0.2614i
44.8	-0.0253-0.0250i	-0.0008-0.0247i	0.0130-0.0366i	-0.0218-0.0071i	-1.1624+0.5482i	-5.7647+0.8642i	0.2234-0.5064i	-6.3478-0.3316i
44.9	-0.0384-0.0268i	-0.0111-0.0252i	0.0057-0.0383i	-0.0291-0.0080i	-1.1319+0.6064i	-5.8189+0.9274i	0.2194-0.4949i	-6.3877-0.3406i
45.0	-0.0448-0.0266i	-0.0147-0.0282i	0.0025-0.0396i	-0.0317-0.0092i	-1.1363+0.6348i	-5.8669+0.9714i	0.2189-0.4922i	-6.4122-0.3525i
45.1	-0.0519-0.0222i	-0.0231-0.0287i	-0.0035-0.0384i	-0.0371-0.0075i	-1.3095+0.6508i	-6.0304+1.0127i	0.2651-0.5222i	-6.4670-0.3496i
45.2	-0.0510-0.0190i	-0.0192-0.0235i	-0.0025-0.0371i	-0.0357-0.0050i	-1.3512+0.7461i	-6.0822+1.1558i	0.2387-0.5524i	-6.4746-0.3662i
45.3	-0.0520-0.0177i	-0.0140-0.0334i	-0.0013-0.0405i	-0.0341-0.0072i	-1.4502+0.8303i	-6.1490+1.3103i	0.2349-0.5781i	-6.5025-0.3921i
45.4	-0.0531-0.0154i	-0.0249-0.0425i	-0.0055-0.0433i	-0.0370-0.0098i	-1.6001+1.0328i	-6.2687+1.4901i	0.2093-0.6107i	-6.5601-0.4176i
45.5	-0.0461-0.0125i	-0.0288-0.0372i	-0.0049-0.0414i	-0.0370-0.0085i	-1.6087+1.0999i	-6.3290+1.5605i	0.2185-0.6035i	-6.5666-0.4514i
45.6	-0.0358-0.0212i	-0.0224-0.0410i	0.0017-0.0470i	-0.0317-0.0122i	-1.6514+1.1339i	-6.3265+1.5733i	0.2585-0.6463i	-6.5035-0.5246i
45.7	-0.0358-0.0347i	-0.0263-0.0514i	0.0005-0.0561i	-0.0322-0.0200i	-1.8656+1.3433i	-6.4274+1.7059i	0.2390-0.7197i	-6.5419-0.6047i
45.8	-0.0410-0.0489i	-0.0303-0.0596i	-0.0033-0.0637i	-0.0354-0.0278i	-1.7981+1.6491i	-6.4419+1.8571i	0.1728-0.7279i	-6.6181-0.6599i
45.9	-0.0560-0.0647i	-0.0406-0.0752i	-0.0133-0.0762i	-0.0438-0.0380i	-1.7806+1.8165i	-6.5641+1.9961i	0.1715-0.7624i	-6.7107-0.7871i
46.0	-0.0742-0.0571i	-0.0561-0.0781i	-0.0259-0.0754i	-0.0548-0.0369i	-1.8707+1.8749i	-6.6465+2.1023i	0.2035-0.8091i	-6.8390-0.8063i
46.1	-0.0742-0.0442i	-0.0751-0.0799i	-0.0336-0.0722i	-0.0595-0.0329i	-1.8725+1.9891i	-6.6275+2.1989i	0.1804-0.8698i	-6.9381-0.7913i
46.2	-0.0674-0.0405i	-0.0895-0.0638i	-0.0361-0.0639i	-0.0608-0.0264i	-1.8822+2.0780i	-6.6375+2.3325i	0.1408-0.9295i	-6.9773-0.7327i
46.3	-0.0715-0.0546i	-0.0874-0.0499i	-0.0373-0.0629i	-0.0624-0.0258i	-1.6545+2.4879i	-6.4212+2.6668i	-0.0292-0.9539i	-7.0327-0.7220i
46.4	-0.0907-0.0630i	-0.0933-0.0560i	-0.0476-0.0705i	-0.0714-0.0323i	-1.7959+2.9050i	-6.5100+2.8892i	-0.0982-1.0513i	-7.1727-0.8104i
46.5	-0.0948-0.0560i	-0.0945-0.0575i	-0.0504-0.0700i	-0.0731-0.0306i	-1.9156+2.9807i	-6.6725+2.9785i	-0.0798-1.1368i	-7.2099-0.8348i
46.6	-0.0925-0.0551i	-0.0956-0.0599i	-0.0526-0.0701i	-0.0734-0.0319i	-1.7489+3.0402i	-6.6414+3.0318i	-0.1514-1.1444i	-7.2306-0.8458i
46.7	-0.1107-0.0475i	-0.1142-0.0513i	-0.0665-0.0640i	-0.0854-0.0272i	-1.5536+3.4669i	-6.4456+3.3699i	-0.3338-1.1785i	-7.4211-0.7996i
46.8	-0.0999-0.0296i	-0.1063-0.0403i	-0.0618-0.0546i	-0.0795-0.0195i	-1.3682+3.5035i	-6.3197+3.4143i	-0.3814-1.1620i	-7.4405-0.7122i
46.9	-0.0934-0.0403i	-0.1108-0.0507i	-0.0608-0.0610i	-0.0786-0.0266i	-1.1940+3.7941i	-6.1574+3.5690i	-0.5317-1.2063i	-7.4633-0.7266i
47.0	-0.1003-0.0468i	-0.1242-0.0478i	-0.0698-0.0616i	-0.0863-0.0280i	-0.7829+3.9134i	-5.9003+3.6076i	-0.6850-1.1293i	-7.5522-0.7010i
47.1	-0.1054-0.0416i	-0.1303-0.0297i	-0.0760-0.0524i	-0.0911-0.0211i	-0.2415+4.0859i	-5.4557+3.6440i	-0.8854-1.0266i	-7.6445-0.6045i
47.2	-0.1157-0.0461i	-0.1358-0.0307i	-0.0822-0.0533i	-0.0969-0.0227i	-0.1082+4.2804i	-5.3670+3.8193i	-1.0020-1.0344i	-7.7365-0.6050i
47.3	-0.1273-0.0534i	-0.1480-0.0378i	-0.0922-0.0586i	-0.1057-0.0283i	0.0035+4.3717i	-5.3352+3.8977i	-1.1379-1.0405i	-7.8707-0.6547i
47.4	-0.1495-0.0402i	-0.1649-0.0238i	-0.1069-0.0476i	-0.1187-0.0197i	0.3233+4.1582i	-5.1573+3.7091i	-1.2155-0.9017i	-8.0118-0.5490i
47.5	-0.1525-0.0150i	-0.1678-0.0043i	-0.1070-0.0303i	-0.1202-0.0056i	0.5297+4.0366i	-5.1117+3.6007i	-1.2636-0.8045i	-8.0170-0.3661i
47.6	-0.1193-0.0117i	-0.1503+0.0013i	-0.0900-0.0231i	-0.1061+0.0004i	0.7592+3.9221i	-4.9363+3.4471i	-1.3270-0.6270i	-7.8957-0.2415i
47.7	-0.1207-0.0098i	-0.1567+0.0053i	-0.0927-0.0225i	-0.1097-0.0003i	0.7611+3.9972i	-4.9894+3.4962i	-1.3795-0.6422i	-7.9204-0.2547i
47.8	-0.1207-0.0079i	-0.1606+0.0114i	-0.0923-0.0185i	-0.1114+0.0032i	1.0865+4.0338i	-4.7431+3.5003i	-1.4711-0.5457i	-7.9443-0.2092i
47.9	-0.1141-0.0061i	-0.1583+0.0225i	-0.0898-0.0137i	-0.1093+0.0081i	1.2920+3.8118i	-4.6197+3.3632i	-1.4965-0.4340i	-7.9226-0.1279i
48.0	-0.1208-0.0063i	-0.1655+0.0389i	-0.0937-0.0086i	-0.1142+0.0138i	1.5490+3.8439i	-4.5811+3.3040i	-1.6428-0.2752i	-7.9647-0.0629i
48.1	-0.1132+0.0031i	-0.1586+0.0586i	-0.0878+0.0030i	-0.1107+0.0247i	1.6990+3.8215i	-4.4781+3.2236i	-1.6768-0.1359i	-7.9431+0.0717i
48.2	-0.1011-0.0083i	-0.1386+0.0632i	-0.0763+0.0031i	-0.1004+0.0255i	2.0215+3.6455i	-4.3058+3.0627i	-1.6719+0.1088i	-7.8521+0.1336i
48.3	-0.1065-0.0141i	-0.1353+0.0657i	-0.0765+0.0023i	-0.0996+0.0254i	2.2052+3.4601i	-4.2998+2.9161i	-1.6009+0.2855i	-7.8230+0.1779i
48.4	-0.1010-0.0124i	-0.1242+0.0754i	-0.0705+0.0054i	-0.0946+0.0283i	2.3201+3.4360i	-4.3191+2.9428i	-1.5734+0.3488i	-7.7584+0.1856i
48.5	-0.1003-0.0178i	-0.1179+0.0759i	-0.0678+0.0040i	-0.0929+0.0272i	2.4314+3.4151i	-4.2412+2.8812i	-1.5747+0.4178i	-7.7194+0.1669i
48.6	-0.1010-0.0283i	-0.1078+0.0741i	-0.0637-0.0004i	-0.0894+0.0237i	2.6232+3.3137i	-4.1978+2.7125i	-1.5513+0.5543i	-7.6581+0.1538i
48.7	-0.1107-0.0416i	-0.1101+0.0692i	-0.0685-0.0069i	-0.0934+0.0180i	2.6724+3.4467i	-4.2497+2.7613i	-1.6254+0.5244i	-7.7095+0.0904i
48.8	-0.1332-0.0395i	-0.1178+0.0683i	-0.0787-0.0064i	-0.1029+0.0171i	2.6120+3.2768i	-4.3502+2.6757i	-1.5783+0.5278i	-7.7630+0.0553i
48.9	-0.1385-0.0219i	-0.1099+0.0744i	-0.0770+0.0018i	-0.1038+0.0262i	2.7225+3.0513i	-4.4170+2.4756i	-1.5206+0.6225i	-7.7462+0.1552i
49.0	-0.1292-0.0167i	-0.1005+0.0704i	-0.0700+0.0029i	-0.0977+0.0276i	2.7642+2.7822i	-4.4244+2.4118i	-1.4447+0.6768i	-7.7027+0.1611i
49.1	-0.1261-0.0104i	-0.0969+0.0780i	-0.0670+0.0058i	-0.0933+0.0306i	2.8269+2.6872i	-4.4978+2.3960i	-1.4521+0.7296i	-7.6534+0.1694i
49.2	-0.1233-0.0090i	-0.0871+0.0801i	-0.0638+0.0056i	-0.0891+0.0314i	2.9418+2.4812i	-4.4499+2.2231i	-1.4262+0.8460i	-7.5853+0.1869i
49.3	-0.1282-0.0124i	-0.0849+0.0816i	-0.0645+0.0056i	-0.0906+0.0320i	3.0812+2.4312i	-4.4626+2.1262i	-1.4433+0.9566i	-7.5859+0.1789i
49.4	-0.1283-0.0156i	-0.0820+0.0800i	-0.0652+0.0042i	-0.0914+0.0302i	3.0335+2.4315i	-4.6232+2.0832i	-1.4439+0.9213i	-7.5976+0.1269i
49.5	-0.1280-0.0132i	-0.0730+0.0767i	-0.0614+0.0063i	-0.0870+0.0324i	3.0869+2.2544i	-4.6938+2.0236i	-1.4407+0.9571i	-7.5772+0.1272i
49.6	-0.1382-0.0088i	-0.0701+0.0740i	-0.0548-0.0016i	-0.0814+0.0252i	3.0991+2.0392i	-4.7431+1.8556i	-1.4029+1.0766i	-7.5124+0.1111i
49.7	-0.1399-0.0089i	-0.0625+0.0649i	-0.0545-0.0074i	-0.0809+0.0205i	3.1991+1.8065i	-4.8096+1.7865i	-1.3261+1.1654i	-7.4822+0.0463i

49.8	-0.1397-0.0265i	-0.0616+0.0445i	-0.0564-0.0114i	-0.0815+0.0167i	3.2141+1.6879i	-4.9035+1.6925i	-1.2730+1.1928i	-7.5279-0.0157i
49.9	-0.1442-0.0204i	-0.0661+0.0427i	-0.0583-0.0066i	-0.0840+0.0202i	3.1348+1.6734i	-5.0527+1.6105i	-1.2784+1.2200i	-7.5981-0.0233i
50.0	-0.1345-0.0097i	-0.0621+0.0465i	-0.0554-0.0023i	-0.0805+0.0251i	3.1275+1.5494i	-5.1952+1.6689i	-1.3330+1.3184i	-7.5639+0.0251i
50.1	-0.1391-0.0154i	-0.0652+0.0442i	-0.0588-0.0065i	-0.0838+0.0214i	3.1117+1.5718i	-5.2306+1.7104i	-1.4001+1.4118i	-7.5183-0.0325i
50.2	-0.1456-0.0135i	-0.0683+0.0406i	-0.0628-0.0090i	-0.0884+0.0185i	3.0295+1.4676i	-5.3658+1.7184i	-1.3427+1.4788i	-7.5503-0.0542i
50.3	-0.1449-0.0106i	-0.0642+0.0372i	-0.0634-0.0101i	-0.0886+0.0177i	3.0425+1.3243i	-5.4385+1.6646i	-1.3169+1.5882i	-7.5473-0.0265i
50.4	-0.1418-0.0054i	-0.0622+0.0363i	-0.0589-0.0060i	-0.0847+0.0216i	3.0858+1.3908i	-5.4539+1.7082i	-1.3422+1.5947i	-7.5718-0.0557i
50.5	-0.1394-0.0099i	-0.0668+0.0282i	-0.0590-0.0108i	-0.0857+0.0159i	2.9520+1.3141i	-5.6179+1.7095i	-1.3590+1.6918i	-7.5956-0.0897i
50.6	-0.1417-0.0096i	-0.0710+0.0261i	-0.0610-0.0123i	-0.0874+0.0146i	2.8795+1.2810i	-5.7895+1.6955i	-1.2745+1.7692i	-7.5814-0.1031i
50.7	-0.1387-0.0022i	-0.0710+0.0325i	-0.0597-0.0069i	-0.0862+0.0198i	2.9266+1.3139i	-5.8410+1.7402i	-1.2626+1.9104i	-7.6101-0.0956i
50.8	-0.1323-0.0035i	-0.0644+0.0360i	-0.0552-0.0065i	-0.0818+0.0214i	2.9694+1.2971i	-5.8546+1.8235i	-1.2526+2.0994i	-7.6041-0.0937i
50.9	-0.1280-0.0093i	-0.0568+0.0327i	-0.0503-0.0114i	-0.0776+0.0178i	3.0443+1.3226i	-5.8717+1.9070i	-1.1775+2.2109i	-7.5858-0.1161i
51.0	-0.1271-0.0171i	-0.0549+0.0221i	-0.0517-0.0181i	-0.0779+0.0114i	3.0883+1.2727i	-5.9864+1.8398i	-1.1203+2.2771i	-7.5448-0.1262i
51.1	-0.1299-0.0311i	-0.0561+0.0115i	-0.0532-0.0240i	-0.0792+0.0055i	3.1223+1.2265i	-6.0137+1.8534i	-1.0306+2.3583i	-7.5599-0.2275i
51.2	-0.1476-0.0305i	-0.0689+0.0076i	-0.0666-0.0229i	-0.0932+0.0048i	3.1521+1.2305i	-6.1026+1.9249i	-0.9446+2.4859i	-7.6675-0.2643i
51.3	-0.1440-0.0072i	-0.0684+0.0187i	-0.0619-0.0164i	-0.0904+0.0120i	3.0198+1.2650i	-6.2226+2.0119i	-0.8914+2.4992i	-7.6564-0.1893i
51.4	-0.1277-0.0132i	-0.0567+0.0128i	-0.0492-0.0188i	-0.0768+0.0118i	3.1552+1.1992i	-6.2319+2.0103i	-0.8536+2.6885i	-7.5708-0.1658i
51.5	-0.1294-0.0413i	-0.0573-0.0047i	-0.0496-0.0344i	-0.0755-0.0036i	3.2614+1.2210i	-6.2722+2.1021i	-0.7790+2.8419i	-7.5557-0.3268i
51.6	-0.1438-0.0560i	-0.0656-0.0169i	-0.0573-0.0432i	-0.0832-0.0123i	3.2464+1.0618i	-6.3125+2.1475i	-0.6121+2.8902i	-7.6333-0.4060i
51.7	-0.1638-0.0677i	-0.0797-0.0307i	-0.0710-0.0513i	-0.0964-0.0207i	3.2947+0.9108i	-6.4610+2.1920i	-0.4414+3.0439i	-7.7052-0.5106i
51.8	-0.1774-0.0646i	-0.0903-0.0331i	-0.0791-0.0521i	-0.1046-0.0226i	3.3587+0.9468i	-6.5887+2.1575i	-0.3511+3.1632i	-7.7474-0.5046i
51.9	-0.1852-0.0517i	-0.0982-0.0259i	-0.0826-0.0467i	-0.1086-0.0169i	3.3604+0.8956i	-6.6284+2.1979i	-0.2152+3.2276i	-7.7962-0.4382i
52.0	-0.1851-0.0540i	-0.0982-0.0225i	-0.0827-0.0465i	-0.1085-0.0147i	3.4114+0.8141i	-6.6191+2.3422i	-0.1131+3.2648i	-7.8042-0.4672i
52.1	-0.1930-0.0588i	-0.0995-0.0289i	-0.0863-0.0506i	-0.1129-0.0187i	3.4662+0.7520i	-6.6860+2.4337i	0.0290+3.3751i	-7.8099-0.5631i
52.2	-0.2148-0.0597i	-0.1134-0.0396i	-0.0985-0.0548i	-0.1251-0.0226i	3.4534+0.6603i	-6.7011+2.4444i	0.3339+3.4468i	-7.9113-0.6260i
52.3	-0.2319-0.0449i	-0.1335-0.0342i	-0.1107-0.0477i	-0.1377-0.0160i	3.3247+0.6338i	-6.8138+2.4312i	0.4442+3.4286i	-8.0090-0.5901i
52.4	-0.2209-0.0327i	-0.1276-0.0275i	-0.1054-0.0427i	-0.1318-0.0084i	3.4999+0.5574i	-6.8146+2.5263i	0.5863+3.5553i	-7.9888-0.5288i
52.5	-0.2229-0.0403i	-0.1275-0.0390i	-0.1056-0.0495i	-0.1315-0.0143i	3.5067+0.4501i	-6.8323+2.5506i	0.8248+3.6006i	-7.9911-0.6052i
52.6	-0.2317-0.0252i	-0.1426-0.0354i	-0.1144-0.0430i	-0.1397-0.0071i	3.5541+0.4378i	-6.8756+2.6130i	1.0943+3.7103i	-8.0691-0.5846i
52.7	-0.2262-0.0140i	-0.1475-0.0265i	-0.1148-0.0367i	-0.1392+0.0003i	3.7178+0.4512i	-6.8794+2.6471i	1.3090+3.8141i	-8.0832-0.5267i
52.8	-0.2257-0.0258i	-0.1513-0.0300i	-0.1163-0.0422i	-0.1396-0.0048i	3.7582+0.4424i	-6.8143+2.7137i	1.5603+3.7097i	-8.1356-0.6032i
52.9	-0.2396-0.0308i	-0.1659-0.0270i	-0.1260-0.0432i	-0.1492-0.0048i	3.8377+0.4694i	-6.8289+2.7113i	1.8210+3.6634i	-8.2279-0.6341i
53.0	-0.2443-0.0452i	-0.1649-0.0271i	-0.1288-0.0483i	-0.1497-0.0097i	3.9181+0.3650i	-6.8392+2.8000i	2.1836+3.5828i	-8.2640-0.7112i
53.1	-0.2746-0.0436i	-0.1795-0.0337i	-0.1453-0.0491i	-0.1644-0.0131i	3.9859+0.1827i	-6.8222+2.7556i	2.4847+3.2866i	-8.4632-0.6868i
53.2	-0.2972-0.0240i	-0.1987-0.0286i	-0.1594-0.0396i	-0.1786-0.0039i	4.0727+0.0675i	-6.9297+2.5884i	2.6889+3.0282i	-8.5780-0.5633i
53.3	-0.3014+0.0046i	-0.2061-0.0120i	-0.1625-0.0240i	-0.1822+0.0118i	4.1496-0.0705i	-7.0392+2.5435i	2.7172+2.8227i	-8.6051-0.4242i
53.4	-0.2951+0.0262i	-0.2106+0.0040i	-0.1614-0.0123i	-0.1811+0.0241i	4.1022-0.1820i	-7.1698+2.6195i	2.7203+2.5799i	-8.5836-0.3396i
53.5	-0.2711+0.0324i	-0.2079+0.0140i	-0.1527-0.0063i	-0.1699+0.0283i	4.1226-0.3351i	-7.2941+2.6189i	2.8424+2.3609i	-8.4309-0.3040i
53.6	-0.2687+0.0266i	-0.2030+0.0238i	-0.1499-0.0047i	-0.1658+0.0295i	4.1258-0.4542i	-7.3799+2.5758i	2.8799+2.1770i	-8.4103-0.2917i
53.7	-0.2779+0.0313i	-0.1967+0.0249i	-0.1498-0.0027i	-0.1678+0.0329i	4.1874-0.4237i	-7.4595+2.5871i	2.8357+2.2241i	-8.4296-0.2404i
53.8	-0.2771+0.0223i	-0.1927+0.0168i	-0.1486-0.0090i	-0.1656+0.0270i	4.3134-0.5213i	-7.5428+2.6463i	2.9820+2.1874i	-8.3739-0.2783i
53.9	-0.2918+0.0314i	-0.1992+0.0152i	-0.1557-0.0061i	-0.1733+0.0294i	4.3320-0.6530i	-7.6236+2.6358i	3.1017+2.0336i	-8.4333-0.2676i
54.0	-0.2964+0.0545i	-0.2127+0.0233i	-0.1617+0.0044i	-0.1785+0.0405i	4.3164-0.6961i	-7.7557+2.7768i	3.1179+1.9265i	-8.4690-0.2061i
54.1	-0.2896+0.0633i	-0.2190+0.0296i	-0.1630+0.0094i	-0.1766+0.0457i	4.4347-0.8162i	-7.8844+2.8035i	3.1730+1.7655i	-8.4255-0.1120i
54.2	-0.2665+0.0557i	-0.2017+0.0293i	-0.1499+0.0066i	-0.1606+0.0437i	4.5019-0.9200i	-7.9788+2.8370i	3.2093+1.6460i	-8.2860-0.1268i
54.3	-0.2865+0.0342i	-0.2124+0.0098i	-0.1607-0.0065i	-0.1689+0.0278i	4.5643-1.1061i	-8.1597+2.7949i	3.3506+1.4624i	-8.2680-0.2803i
54.4	-0.2985+0.0535i	-0.2295+0.0210i	-0.1705+0.0039i	-0.1793+0.0367i	4.3928-1.2524i	-8.3319+2.8445i	3.2607+1.2056i	-8.3191-0.2624i
54.5	-0.2925+0.0766i	-0.2308+0.0357i	-0.1693+0.0174i	-0.1772+0.0488i	4.4998-1.3815i	-8.4029+2.9431i	3.1992+1.1562i	-8.3390-0.1539i
54.6	-0.2896+0.0769i	-0.2359+0.0395i	-0.1687+0.0190i	-0.1747+0.0489i	4.6390-1.4636i	-8.7133+3.0727i	3.2679+1.1823i	-8.2333-0.1769i
54.7	-0.2656+0.0851i	-0.2242+0.0496i	-0.1561+0.0259i	-0.1624+0.0549i	4.6802-1.5635i	-8.7481+3.2017i	3.3328+1.1158i	-8.0895-0.1714i
54.8	-0.2620+0.0504i	-0.2204+0.0310i	-0.1523+0.0096i	-0.1595+0.0344i	4.7261-1.8776i	-8.8453+3.2418i	3.4844+0.8997i	-7.9697-0.3073i
54.9	-0.2908+0.0553i	-0.2422+0.0328i	-0.1687+0.0121i	-0.1767+0.0355i	4.6450-2.0003i	-8.9172+3.3142i	3.3906+0.7401i	-8.1017-0.3385i
55.0	-0.2965+0.0690i	-0.2540+0.0442i	-0.1743+0.0212i	-0.1836+0.0421i	4.6142-2.1810i	-9.0865+3.3943i	3.3267+0.5613i	-8.1125-0.3623i
55.1	-0.2921+0.0802i	-0.2533+0.0601i	-0.1722+0.0304i	-0.1814+0.0505i	4.5692-2.3998i	-9.2119+3.6090i	3.3994+0.4257i	-8.0508-0.3996i
55.2	-0.3000+0.0783i	-0.2606+0.0616i	-0.1774+0.0294i	-0.1870+0.0487i	4.6493-2.5557i	-9.3456+3.7262i	3.4629+0.3456i	-8.0289-0.4974i
55.3	-0.3096+0.0742i	-0.2703+0.0585i	-0.1836+0.0272i	-0.1942+0.0455i	4.7014-2.5538i	-9.6227+3.7571i	3.4203+0.3183i	-8.0147-0.5398i
55.4	-0.3045+0.0820i	-0.2655+0.0699i	-0.1782+0.0329i	-0.1911+0.0504i	4.6353-2.7833i	-9.7988+3.9652i	3.3668+0.1479i	-7.9875-0.5917i
55.5	-0.3038+0.0803i	-0.2651+0.0765i	-0.1752+0.0338i	-0.1910+0.0506i	4.6053-3.2111i	-9.8844+4.2353i	3.3969-0.0843i	-7.9587-0.7426i
55.6	-0.3285+0.0768i	-0.2836+0.0734i	-0.1901+0.0330i	-0.2068+0.0480i	4.6264-3.2518i	-9.9111+4.2402i	3.3770-0.1470i	-8.1006-0.7879i
55.7	-0.3359+0.1029i	-0.2917+0.0962i	-0.1946+0.0493i	-0.2122+0.0642i	4.6730-3.5823i	-10.0998+4.4476i	3.4096-0.2866i	-8.1622-0.7450i
55.8	-0.3347+0.1156i	-0.2899+0.1140i	-0.1927+0.0572i	-0.2121+0.0734i	4.5813-3.8717i	-10.3332+4.7781i	3.3616-0.4313i	-8.1121-0.8042i
55.9	-0.3386+0.1212i	-0.2941+0.1203i	-0.1950+0.0601i	-0.2157+0.0763i	4.3801-4.1922i	-10.6407+5.0972i	3.3027-0.5758i	-8.0546-0.9130i
56.0	-0.3216+0.1241i	-0.2800+0.1243i	-0.1854+0.0631i	-0.2053+0.0777i	4.4541-4.3904i	-10.5436+5.2967i	3.3142-0.6389i	-8.0980-0.8883i

56.1	-0.3322+0.1177i	-0.2857+0.1232i	-0.1903+0.0600i	-0.2132+0.0734i	4.1992-4.6799i	-10.4560+5.5189i	3.2370-0.7910i	-8.2113-0.9947i
56.2	-0.3613+0.1387i	-0.3070+0.1424i	-0.2057+0.0720i	-0.2315+0.0868i	3.8943-4.8985i	-10.6789+5.9486i	3.1208-0.9624i	-8.3318-1.1134i
56.3	-0.3616+0.1687i	-0.3050+0.1713i	-0.2047+0.0901i	-0.2314+0.1064i	3.7199-5.2125i	-10.6354+6.4629i	3.0673-1.0688i	-8.4535-1.1397i
56.4	-0.3615+0.1792i	-0.3007+0.1783i	-0.2028+0.0946i	-0.2307+0.1119i	3.5063-5.5898i	-10.7477+6.6950i	3.0707-1.2335i	-8.4050-1.1484i
56.5	-0.3563+0.1882i	-0.2963+0.1876i	-0.1984+0.0991i	-0.2270+0.1182i	3.1098-5.7613i	-10.7630+6.9580i	2.9853-1.4066i	-8.3836-1.1786i
56.6	-0.3411+0.1858i	-0.2840+0.1886i	-0.1884+0.0987i	-0.2193+0.1178i	2.6210-6.1326i	-10.8876+7.0858i	2.8466-1.5966i	-8.2303-1.2017i
56.7	-0.3444+0.1972i	-0.2894+0.2025i	-0.1908+0.1053i	-0.2228+0.1255i	2.2880-6.2727i	-10.9220+7.3710i	2.7662-1.6659i	-8.2542-1.2292i
56.8	-0.3372+0.2148i	-0.2807+0.2164i	-0.1855+0.1153i	-0.2191+0.1364i	2.1295-6.3703i	-10.7242+7.7746i	2.7109-1.7188i	-8.3743-1.2265i
56.9	-0.3449+0.2273i	-0.2853+0.2276i	-0.1898+0.1209i	-0.2235+0.1430i	1.7042-6.2410i	-10.8380+8.4317i	2.6021-1.8291i	-8.4069-1.4541i
57.0	-0.3369+0.2286i	-0.2772+0.2271i	-0.1858+0.1197i	-0.2182+0.1442i	1.2372-6.2415i	-10.7500+8.6476i	2.4993-1.9089i	-8.4238-1.5606i
57.1	-0.3154+0.2266i	-0.2584+0.2207i	-0.1724+0.1156i	-0.2053+0.1405i	0.8025-6.2512i	-10.5200+8.7752i	2.3910-2.0205i	-8.4531-1.6100i
57.2	-0.3343+0.2119i	-0.2727+0.2149i	-0.1840+0.1068i	-0.2183+0.1333i	0.3339-6.2166i	-10.5777+9.3688i	2.2873-2.2034i	-8.5557-1.9019i
57.3	-0.3394+0.2205i	-0.2725+0.2235i	-0.1868+0.1116i	-0.2209+0.1407i	0.0738-5.9446i	-10.2541+9.4665i	2.1081-2.1945i	-8.7343-1.8699i
57.4	-0.3403+0.2378i	-0.2712+0.2413i	-0.1865+0.1221i	-0.2214+0.1533i	-0.2058-5.9387i	-10.2214+9.7658i	2.0491-2.3015i	-8.7502-1.8541i
57.5	-0.3323+0.2539i	-0.2636+0.2518i	-0.1829+0.1307i	-0.2167+0.1622i	-0.2390-5.9712i	-10.0006+10.0589i	1.9721-2.3978i	-8.8043-1.7493i
57.6	-0.3256+0.2643i	-0.2549+0.2639i	-0.1788+0.1386i	-0.2121+0.1708i	-0.6170-5.6129i	-9.7542+10.3748i	1.8180-2.4704i	-8.9469-1.7748i
57.7	-0.3129+0.2710i	-0.2437+0.2666i	-0.1728+0.1399i	-0.2047+0.1747i	-1.0380-5.4308i	-9.2848+10.7163i	1.6341-2.5980i	-9.0716-1.8605i
57.8	-0.3247+0.2806i	-0.2521+0.2751i	-0.1794+0.1446i	-0.2112+0.1809i	-1.1392-5.1709i	-9.2526+11.1417i	1.5034-2.7296i	-9.2302-1.9284i
57.9	-0.3183+0.2885i	-0.2449+0.2835i	-0.1763+0.1502i	-0.2064+0.1864i	-1.3849-4.9771i	-8.9442+11.3338i	1.3178-2.8372i	-9.2623-1.9179i
58.0	-0.3068+0.3077i	-0.2297+0.3045i	-0.1694+0.1635i	-0.1984+0.2000i	-1.5106-4.8354i	-8.3802+11.7224i	1.1604-2.9474i	-9.4387-1.8044i
58.1	-0.3065+0.3115i	-0.2259+0.3037i	-0.1686+0.1635i	-0.1968+0.2012i	-1.7258-4.6421i	-8.2235+12.0581i	0.9712-3.0839i	-9.5175-1.8038i
58.2	-0.2935+0.3351i	-0.2125+0.3150i	-0.1619+0.1737i	-0.1890+0.2129i	-1.8548-4.5437i	-7.5375+12.5675i	0.6729-3.2077i	-9.6580-1.7912i
58.3	-0.2735+0.3499i	-0.2008+0.3235i	-0.1534+0.1813i	-0.1803+0.2208i	-1.9594-4.4464i	-6.7220+12.6329i	0.4183-3.2296i	-9.7634-1.6743i
58.4	-0.2667+0.3636i	-0.1988+0.3421i	-0.1531+0.1917i	-0.1779+0.2314i	-1.9856-4.1262i	-6.1807+12.9076i	0.1366-3.2870i	-9.9094-1.5840i
58.5	-0.2537+0.3634i	-0.1841+0.3472i	-0.1451+0.1944i	-0.1686+0.2335i	-2.0201-3.6827i	-5.5937+12.9848i	-0.2438-3.2479i	-9.9766-1.4658i
58.6	-0.2316+0.3735i	-0.1555+0.3546i	-0.1303+0.2014i	-0.1527+0.2401i	-2.1403-3.4769i	-4.6087+12.7872i	-0.6036-3.2301i	-10.0742-1.2179i
58.7	-0.2137+0.3733i	-0.1373+0.3497i	-0.1177+0.2005i	-0.1406+0.2403i	-2.3152-3.2003i	-4.2306+12.4495i	-0.8786-3.2136i	-9.9109-1.0249i
58.8	-0.2006+0.3713i	-0.1270+0.3448i	-0.1104+0.1987i	-0.1327+0.2396i	-2.2759-2.8949i	-3.7634+12.2218i	-1.2933-3.1429i	-9.7370-0.9248i
58.9	-0.1940+0.3735i	-0.1202+0.3441i	-0.1084+0.2002i	-0.1283+0.2409i	-2.1791-2.6420i	-3.2550+12.0447i	-1.6147-2.9472i	-9.6294-0.9083i
59.0	-0.1696+0.3581i	-0.0995+0.3307i	-0.0935+0.1916i	-0.1121+0.2320i	-2.2302-2.1521i	-2.6936+11.2478i	-2.1086-2.6874i	-9.4468-0.7447i
59.1	-0.1579+0.3432i	-0.0907+0.3141i	-0.0866+0.1818i	-0.1042+0.2220i	-2.0912-1.8704i	-2.6014+10.6985i	-2.4078-2.4803i	-9.1189-0.6362i
59.2	-0.1454+0.3219i	-0.0806+0.2903i	-0.0777+0.1680i	-0.0966+0.2079i	-1.8806-1.6338i	-2.5390+9.8784i	-2.6500-2.1431i	-8.7775-0.5751i
59.3	-0.1437+0.3089i	-0.0792+0.2763i	-0.0759+0.1590i	-0.0941+0.2006i	-1.5272-1.4039i	-2.5624+9.3353i	-2.8791-1.7475i	-8.4228-0.7255i
59.4	-0.1377+0.2884i	-0.0770+0.2553i	-0.0731+0.1462i	-0.0885+0.1875i	-1.1510-1.2234i	-2.6790+8.4994i	-3.1061-1.2649i	-8.0195-0.9042i
59.5	-0.1357+0.2710i	-0.0797+0.2353i	-0.0732+0.1345i	-0.0865+0.1753i	-0.8697-1.0914i	-2.8287+7.9254i	-3.3362-0.9261i	-7.6536-1.0829i
59.6	-0.1513+0.2591i	-0.0984+0.2236i	-0.0840+0.1266i	-0.0955+0.1655i	-0.3173-1.1342i	-3.3623+7.5733i	-3.3301-0.3271i	-7.3952-1.6511i
59.7	-0.1616+0.2463i	-0.1137+0.2116i	-0.0919+0.1173i	-0.1023+0.1553i	0.0251-1.2355i	-3.9317+7.1527i	-3.3239+0.1807i	-7.1181-2.0830i
59.8	-0.1854+0.2327i	-0.1410+0.2012i	-0.1072+0.1078i	-0.1174+0.1461i	0.4005-1.3509i	-4.8235+7.0370i	-3.2966+0.6022i	-6.8367-2.6726i
59.9	-0.2010+0.2342i	-0.1543+0.2047i	-0.1151+0.1090i	-0.1232+0.1471i	1.1711-1.4342i	-4.9567+7.6800i	-3.2235+1.0305i	-7.0238-3.6165i
60.0	-0.2069+0.2361i	-0.1618+0.2110i	-0.1149+0.1123i	-0.1203+0.1501i	2.3799-1.5134i	-4.9226+8.8649i	-3.0591+1.4685i	-7.4382-5.1008i
60.1	-0.2292+0.2455i	-0.1927+0.2192i	-0.1380+0.1170i	-0.1445+0.1521i	1.5295-2.1861i	-6.3174+8.3380i	-2.6613+1.8369i	-7.0035-5.1126i
60.2	-0.2517+0.2610i	-0.2186+0.2355i	-0.1576+0.1245i	-0.1625+0.1566i	1.3417-3.1869i	-6.7384+8.2632i	-2.2254+2.2627i	-7.4151-5.4105i
60.3	-0.2668+0.2818i	-0.2358+0.2637i	-0.1710+0.1404i	-0.1734+0.1693i	1.3164-3.7991i	-6.9291+8.9720i	-1.8590+2.6122i	-7.9158-6.2406i
60.4	-0.2742+0.3138i	-0.2449+0.3023i	-0.1794+0.1629i	-0.1812+0.1887i	1.1241-4.4328i	-6.9395+9.8810i	-1.3620+2.8209i	-8.7534-6.8982i
60.5	-0.2734+0.3314i	-0.2436+0.3260i	-0.1797+0.1766i	-0.1837+0.2005i	0.6946-4.7505i	-6.8587+10.3906i	-0.9742+2.8803i	-9.4692-7.1630i
60.6	-0.2775+0.3460i	-0.2466+0.3458i	-0.1831+0.1870i	-0.1872+0.2096i	0.4816-4.9871i	-6.8319+10.8392i	-0.7387+2.9620i	-9.9504-7.4041i
60.7	-0.2725+0.3719i	-0.2420+0.3772i	-0.1810+0.2048i	-0.1873+0.2263i	0.0507-5.3157i	-6.5200+11.6061i	-0.2833+2.9787i	-10.8199-7.6798i
60.8	-0.2529+0.3963i	-0.2218+0.4054i	-0.1701+0.2246i	-0.1775+0.2434i	-0.4983-5.5343i	-5.7747+11.9975i	0.1681+2.8493i	-11.7294-7.6667i
60.9	-0.2402+0.3894i	-0.2043+0.4031i	-0.1609+0.2236i	-0.1702+0.2410i	-0.9305-5.3460i	-5.5522+11.7918i	0.2837+2.5854i	-12.1139-7.2793i
61.0	-0.2226+0.4008i	-0.1776+0.4244i	-0.1488+0.2360i	-0.1585+0.2521i	-1.3631-5.3635i	-4.9067+11.9818i	0.5665+2.4086i	-12.8504-7.1009i
61.1	-0.1992+0.4068i	-0.1488+0.4318i	-0.1330+0.2429i	-0.1444+0.2569i	-1.8161-5.3475i	-4.2703+11.9815i	0.7695+2.2261i	-13.4922-6.7080i
61.2	-0.1838+0.4231i	-0.1248+0.4443i	-0.1198+0.2538i	-0.1335+0.2657i	-2.3525-5.4643i	-3.6536+12.1756i	1.0661+2.0728i	-14.1463-6.5194i
61.3	-0.1689+0.4259i	-0.1028+0.4472i	-0.1077+0.2567i	-0.1239+0.2691i	-2.7527-5.3996i	-3.1955+12.0499i	1.2323+1.8714i	-14.5677-6.2111i
61.4	-0.1590+0.4237i	-0.0875+0.4460i	-0.1003+0.2568i	-0.1192+0.2698i	-3.2377-5.1654i	-2.8125+11.8862i	1.3121+1.6751i	-14.9683-5.8257i
61.5	-0.1572+0.4284i	-0.0828+0.4491i	-0.0996+0.2595i	-0.1176+0.2736i	-3.4024-4.9167i	-2.5838+12.0175i	1.3227+1.6428i	-15.2714-5.6418i
61.6	-0.1467+0.4326i	-0.0719+0.4491i	-0.0927+0.2609i	-0.1120+0.2761i	-3.5722-4.8553i	-2.2500+11.9593i	1.4042+1.5748i	-15.5799-5.4156i
61.7	-0.1398+0.4280i	-0.0599+0.4445i	-0.0851+0.2591i	-0.1065+0.2737i	-3.7481-4.6282i	-2.0918+11.7375i	1.4355+1.4676i	-15.7293-5.1019i
61.8	-0.1367+0.4298i	-0.0511+0.4483i	-0.0813+0.2612i	-0.1034+0.2763i	-3.7949-4.4470i	-1.8668+11.6970i	1.4547+1.4056i	-15.9534-4.9622i
61.9	-0.1219+0.4232i	-0.0347+0.4372i	-0.0716+0.2573i	-0.0935+0.2731i	-4.0604-4.2290i	-1.5353+11.2377i	1.5310+1.2164i	-16.0732-4.5264i
62.0	-0.1100+0.4188i	-0.0230+0.4314i	-0.0630+0.2559i	-0.0849+0.2707i	-4.3114-4.0241i	-1.3396+10.8642i	1.5368+1.0271i	-16.2611-4.1182i
62.1	-0.1005+0.4170i	-0.0131+0.4299i	-0.0568+0.2560i	-0.0792+0.2701i	-4.5891-3.7665i	-1.1774+10.6450i	1.5537+0.8675i	-16.4614-3.8447i
62.2	-0.0943+0.4156i	-0.0042+0.4271i	-0.0526+0.2560i	-0.0770+0.2703i	-4.7895-3.5474i	-1.0295+10.4693i	1.5876+0.8098i	-16.5749-3.5804i
62.3	-0.0928+0.4151i	-0.0015+0.4235i	-0.0507+0.2552i	-0.0763+0.2708i	-4.8721-3.4245i	-0.9542+10.4178i	1.6430+0.7600i	-16.6276-3.3944i

62.4	-0.0954+0.4118i	0.0018+0.4201i	-0.0490+0.2525i	-0.0759+0.2690i	-4.8464-3.1155i	-1.1522+10.3325i	1.5204+0.7165i	-16.7346-3.2274i
62.5	-0.0778+0.4051i	0.0199+0.4122i	-0.0373+0.2483i	-0.0653+0.2660i	-4.9982-2.9096i	-0.8731+9.9219i	1.5180+0.6052i	-16.8589-2.8720i
62.6	-0.0805+0.4003i	0.0222+0.4061i	-0.0366+0.2451i	-0.0643+0.2630i	-5.1084-2.6305i	-0.9905+9.7079i	1.4903+0.5790i	-16.8839-2.7059i
62.7	-0.0772+0.3922i	0.0281+0.3972i	-0.0330+0.2409i	-0.0618+0.2582i	-5.2627-2.4192i	-1.0545+9.4517i	1.5328+0.4897i	-16.8370-2.5581i
62.8	-0.0759+0.3912i	0.0259+0.3976i	-0.0345+0.2399i	-0.0630+0.2594i	-5.2038-2.2091i	-1.0951+9.4389i	1.4760+0.4737i	-16.8785-2.4876i
62.9	-0.0828+0.3966i	0.0198+0.4031i	-0.0392+0.2421i	-0.0666+0.2632i	-5.2567-2.0659i	-1.1669+9.5457i	1.4945+0.4385i	-16.9767-2.4688i
63.0	-0.0712+0.4017i	0.0381+0.4034i	-0.0269+0.2453i	-0.0590+0.2671i	-5.3246-1.9910i	-0.9552+9.4775i	1.5963+0.3877i	-17.1120-2.1601i
63.1	-0.0744+0.3942i	0.0366+0.3947i	-0.0283+0.2407i	-0.0600+0.2613i	-5.4457-1.7259i	-1.0925+9.3122i	1.5313+0.2668i	-17.0952-2.0818i
63.2	-0.0774+0.3828i	0.0328+0.3867i	-0.0307+0.2355i	-0.0608+0.2548i	-5.6258-1.5207i	-1.2141+9.0513i	1.4662+0.1457i	-17.0335-1.9734i
63.3	-0.0850+0.3870i	0.0301+0.3909i	-0.0343+0.2385i	-0.0641+0.2576i	-5.4314-1.2509i	-1.3696+9.1960i	1.3475+0.1897i	-17.1929-1.9477i
63.4	-0.0779+0.3810i	0.0408+0.3814i	-0.0269+0.2336i	-0.0579+0.2529i	-5.4893-0.9464i	-1.3456+8.9620i	1.3397+0.1069i	-17.2785-1.6905i
63.5	-0.0708+0.3769i	0.0483+0.3738i	-0.0217+0.2304i	-0.0533+0.2517i	-5.6364-0.8460i	-1.1935+8.6880i	1.4237-0.0102i	-17.3189-1.4946i
63.6	-0.0636+0.3800i	0.0561+0.3758i	-0.0169+0.2339i	-0.0487+0.2546i	-5.7110-0.7839i	-1.0189+8.6784i	1.4703-0.0490i	-17.3915-1.3597i
63.7	-0.0754+0.3830i	0.0487+0.3772i	-0.0226+0.2349i	-0.0535+0.2553i	-5.7657-0.4843i	-1.2845+8.7639i	1.3547-0.0512i	-17.4532-1.2592i
63.8	-0.0756+0.3813i	0.0473+0.3722i	-0.0229+0.2312i	-0.0547+0.2542i	-5.7834-0.1790i	-1.3859+8.6284i	1.2964-0.1840i	-17.5288-1.1704i
63.9	-0.0764+0.3849i	0.0494+0.3719i	-0.0223+0.2336i	-0.0550+0.2555i	-5.6995+0.0572i	-1.3963+8.6155i	1.2784-0.1658i	-17.5308-1.0503i
64.0	-0.0822+0.3875i	0.0433+0.3735i	-0.0269+0.2348i	-0.0582+0.2554i	-5.6566+0.3293i	-1.6637+8.6652i	1.1657-0.1595i	-17.5732-1.0619i
64.1	-0.0875+0.3976i	0.0421+0.3839i	-0.0297+0.2413i	-0.0611+0.2628i	-5.5799+0.5132i	-1.7678+8.8938i	1.0826-0.1164i	-17.7133-0.9502i
64.2	-0.0838+0.3904i	0.0438+0.3796i	-0.0261+0.2384i	-0.0581+0.2595i	-5.6740+0.6703i	-1.8550+8.7591i	1.1255-0.2402i	-17.7058-0.7950i
64.3	-0.0794+0.3875i	0.0490+0.3795i	-0.0228+0.2366i	-0.0554+0.2583i	-5.6619+0.9291i	-1.9125+8.6832i	1.0889-0.3256i	-17.7463-0.7090i
64.4	-0.0733+0.3927i	0.0587+0.3804i	-0.0174+0.2389i	-0.0509+0.2593i	-5.6350+1.1678i	-1.7755+8.6366i	1.0686-0.4044i	-17.9024-0.5787i
64.5	-0.0793+0.3970i	0.0584+0.3845i	-0.0206+0.2418i	-0.0530+0.2632i	-5.4594+1.5427i	-1.9051+8.8504i	0.9434-0.3988i	-17.9508-0.5597i
64.6	-0.0826+0.3985i	0.0606+0.3839i	-0.0202+0.2416i	-0.0536+0.2644i	-5.5684+1.8443i	-1.9851+8.8643i	0.8982-0.4413i	-18.0687-0.4595i
64.7	-0.0912+0.4013i	0.0555+0.3853i	-0.0233+0.2429i	-0.0585+0.2643i	-5.4343+2.1581i	-2.2004+8.9424i	0.7439-0.3938i	-18.1768-0.3777i
64.8	-0.0848+0.3986i	0.0615+0.3830i	-0.0194+0.2424i	-0.0535+0.2638i	-5.4067+2.4408i	-2.0927+8.8640i	0.7461-0.5288i	-18.2051-0.2542i
64.9	-0.0814+0.4022i	0.0677+0.3855i	-0.0162+0.2445i	-0.0516+0.2663i	-5.4268+2.5771i	-1.9303+8.8802i	0.7898-0.6103i	-18.3153-0.1895i
65.0	-0.0907+0.4081i	0.0648+0.3902i	-0.0206+0.2468i	-0.0564+0.2695i	-5.2786+2.8758i	-2.0809+9.0625i	0.6811-0.5927i	-18.4571-0.1747i
65.1	-0.0970+0.4128i	0.0630+0.3863i	-0.0232+0.2468i	-0.0607+0.2690i	-5.2407+3.0803i	-2.1180+9.0839i	0.6382-0.6236i	-18.6048-0.1424i
65.2	-0.0895+0.4306i	0.0722+0.3941i	-0.0183+0.2564i	-0.0571+0.2792i	-4.9735+3.1922i	-1.8610+9.3241i	0.6662-0.5426i	-18.8198+0.0986i
65.3	-0.0907+0.4493i	0.0746+0.4044i	-0.0159+0.2655i	-0.0575+0.2881i	-4.5993+3.3657i	-1.8266+9.6722i	0.5813-0.4639i	-18.9956+0.1227i
65.4	-0.0868+0.4496i	0.0796+0.4032i	-0.0125+0.2652i	-0.0529+0.2900i	-4.5644+3.6180i	-1.7955+9.5356i	0.4540-0.6448i	-19.1578+0.2767i
65.5	-0.0872+0.4480i	0.0717+0.3984i	-0.0157+0.2636i	-0.0566+0.2891i	-4.3562+4.0409i	-1.9721+9.4962i	0.3252-0.6432i	-19.2267+0.3978i
65.6	-0.0838+0.4682i	0.0772+0.4096i	-0.0130+0.2737i	-0.0562+0.2998i	-3.9756+4.0862i	-1.7878+9.7220i	0.2561-0.5194i	-19.5123+0.6047i
65.7	-0.0926+0.4877i	0.0768+0.4251i	-0.0173+0.2849i	-0.0610+0.3115i	-3.4925+4.4365i	-1.8335+10.0616i	0.0294-0.4409i	-19.7962+0.7390i
65.8	-0.0799+0.4844i	0.0855+0.4208i	-0.0097+0.2842i	-0.0532+0.3115i	-3.4627+4.5611i	-1.7349+9.7470i	0.0518-0.5607i	-19.6692+0.9482i
65.9	-0.0779+0.4960i	0.0901+0.4324i	-0.0064+0.2920i	-0.0513+0.3179i	-3.2138+4.6485i	-1.6811+9.9539i	-0.0560-0.4581i	-19.7768+1.0348i
66.0	-0.0696+0.5110i	0.0984+0.4410i	-0.0013+0.2984i	-0.0461+0.3263i	-2.9134+4.8360i	-1.5948+10.1744i	-0.2583-0.3332i	-19.8963+1.2509i
66.1	-0.0533+0.5262i	0.1115+0.4485i	0.0091+0.3051i	-0.0366+0.3357i	-2.4590+4.8880i	-1.3255+10.3660i	-0.1803-0.2267i	-20.0170+1.5155i
66.2	-0.0439+0.5318i	0.1200+0.4495i	0.0133+0.3080i	-0.0315+0.3379i	-2.1351+4.9407i	-1.2318+10.3427i	-0.2361-0.2015i	-20.0624+1.6919i
66.3	-0.0412+0.5412i	0.1208+0.4556i	0.0139+0.3132i	-0.0317+0.3440i	-1.9111+5.1925i	-1.2898+10.4295i	-0.3966-0.2228i	-20.2680+1.8272i
66.4	-0.0313+0.5471i	0.1277+0.4603i	0.0204+0.3171i	-0.0264+0.3481i	-1.6715+5.4295i	-1.1904+10.4311i	-0.5044-0.2041i	-20.3292+2.0616i
66.5	-0.0179+0.5534i	0.1400+0.4688i	0.0276+0.3231i	-0.0183+0.3546i	-1.2785+5.3757i	-0.9803+10.4508i	-0.5699-0.0957i	-20.4695+2.2787i
66.6	-0.0036+0.5735i	0.1552+0.4864i	0.0374+0.3352i	-0.0100+0.3684i	-0.7505+5.0390i	-0.6161+10.7843i	-0.4456+0.1366i	-20.6402+2.4727i
66.7	0.0100+0.5775i	0.1664+0.4933i	0.0458+0.3394i	-0.0021+0.3736i	-0.6032+5.0674i	-0.4728+10.8154i	-0.4767+0.2084i	-20.6820+2.6082i
66.8	0.0129+0.5740i	0.1785+0.4889i	0.0535+0.3370i	0.0043+0.3714i	-0.2185+5.3113i	-0.5865+10.7078i	-0.6177+0.2061i	-20.6156+2.8554i
66.9	0.0277+0.5688i	0.1932+0.4829i	0.0627+0.3337i	0.0149+0.3693i	-0.0812+4.9986i	-0.4359+10.5777i	-0.5837+0.2892i	-20.5211+3.1378i
67.0	0.0397+0.5814i	0.2085+0.4895i	0.0727+0.3411i	0.0226+0.3779i	0.3460+5.0251i	-0.2498+10.6795i	-0.7073+0.4009i	-20.6729+3.3446i
67.1	0.0556+0.5845i	0.2238+0.4855i	0.0822+0.3423i	0.0330+0.3784i	0.6519+4.9401i	-0.0657+10.6257i	-0.7444+0.4756i	-20.7011+3.5830i
67.2	0.0748+0.5893i	0.2384+0.4838i	0.0944+0.3434i	0.0429+0.3792i	0.7694+4.8720i	0.1760+10.5198i	-0.6891+0.4741i	-20.7560+3.6847i
67.3	0.0940+0.5937i	0.2481+0.4843i	0.1037+0.3435i	0.0528+0.3813i	1.1743+4.7621i	0.3055+10.5203i	-0.6871+0.6934i	-20.6937+3.9474i
67.4	0.1021+0.5986i	0.2546+0.4921i	0.1094+0.3495i	0.0568+0.3864i	1.5253+4.6430i	0.3229+10.5811i	-0.7826+0.7549i	-20.8658+4.0590i
67.5	0.1167+0.5931i	0.2694+0.4919i	0.1199+0.3484i	0.0686+0.3857i	1.7984+4.6160i	0.4101+10.5325i	-0.7847+0.7854i	-20.9776+4.2819i
67.6	0.1350+0.5825i	0.2815+0.4911i	0.1297+0.3429i	0.0799+0.3824i	1.9912+4.2641i	0.6079+10.4920i	-0.7380+0.8565i	-20.8504+4.3443i
67.7	0.1514+0.5809i	0.3013+0.4937i	0.1425+0.3442i	0.0903+0.3851i	2.1920+3.9901i	0.7144+10.3835i	-0.7388+0.8827i	-20.8345+4.5962i
67.8	0.1620+0.5726i	0.3218+0.4902i	0.1529+0.3417i	0.0994+0.3838i	2.4277+3.9691i	0.7287+10.2410i	-0.8039+1.0405i	-20.8937+4.7906i
67.9	0.1708+0.5697i	0.3410+0.4883i	0.1637+0.3415i	0.1090+0.3819i	2.6339+3.6786i	0.8173+10.2103i	-0.8210+1.0504i	-21.0276+4.9318i
68.0	0.1797+0.5688i	0.3588+0.4863i	0.1743+0.3399i	0.1192+0.3786i	2.9462+3.5639i	0.8227+10.1742i	-0.8603+1.0954i	-21.0056+5.0768i
68.1	0.1957+0.5563i	0.3811+0.4751i	0.1864+0.3320i	0.1320+0.3713i	2.9275+3.1797i	1.0132+10.0902i	-0.5965+1.2832i	-20.9345+5.2393i
68.2	0.2119+0.5459i	0.4044+0.4614i	0.1998+0.3242i	0.1451+0.3658i	2.9831+2.8538i	1.2957+10.0637i	-0.3952+1.2150i	-20.8782+5.3869i
68.3	0.2219+0.5436i	0.4189+0.4485i	0.2101+0.3180i	0.1526+0.3621i	3.3188+2.5782i	1.2477+10.1304i	-0.5292+1.4499i	-20.9931+5.7165i
68.4	0.2298+0.5449i	0.4327+0.4444i	0.2197+0.3178i	0.1597+0.3604i	3.3220+2.2662i	1.3796+10.1250i	-0.4960+1.5047i	-20.9684+5.8363i
68.5	0.2311+0.5375i	0.4451+0.4315i	0.2245+0.3118i	0.1636+0.3533i	3.4929+1.9920i	1.3139+10.0131i	-0.5213+1.4284i	-21.0225+5.8195i
68.6	0.2419+0.5260i	0.4595+0.4184i	0.2347+0.3011i	0.1716+0.3453i	3.5843+1.6501i	1.4400+10.0545i	-0.4315+1.6181i	-21.0178+6.0335i

68.7	0.2508+0.5195i	0.4689+0.4085i	0.2428+0.2941i	0.1783+0.3410i	3.4796+1.4170i	1.5213+10.0296i	-0.4041+1.6697i	-21.0848+6.1987i
68.8	0.2554+0.5101i	0.4777+0.3916i	0.2462+0.2851i	0.1827+0.3343i	3.5481+1.2459i	1.4976+9.8636i	-0.4658+1.5965i	-21.1400+6.3745i
68.9	0.2561+0.5095i	0.4886+0.3834i	0.2536+0.2830i	0.1842+0.3321i	3.8146+0.7517i	1.4460+10.0528i	-0.5066+1.7285i	-21.3096+6.5216i
69.0	0.2669+0.4992i	0.5016+0.3665i	0.2622+0.2726i	0.1910+0.3234i	3.7662+0.5235i	1.5819+9.9525i	-0.4981+1.7114i	-21.3894+6.6490i
69.1	0.2751+0.4877i	0.5130+0.3543i	0.2668+0.2623i	0.1963+0.3177i	3.3969+0.2194i	1.8685+9.8945i	-0.3392+1.7794i	-21.3163+6.8389i
69.2	0.2837+0.4888i	0.5312+0.3496i	0.2778+0.2615i	0.2036+0.3169i	3.4845-0.1513i	1.8670+10.0834i	-0.3648+1.7463i	-21.4638+7.1317i
69.3	0.2876+0.4796i	0.5423+0.3367i	0.2850+0.2532i	0.2090+0.3115i	3.4789-0.3183i	1.8731+9.9855i	-0.4756+1.8209i	-21.5295+7.3625i
69.4	0.2982+0.4725i	0.5660+0.3276i	0.2979+0.2450i	0.2190+0.3088i	3.1140-0.7002i	2.2758+9.9769i	-0.5373+1.9345i	-21.5866+7.6180i
69.5	0.3027+0.4654i	0.5867+0.3190i	0.3067+0.2383i	0.2250+0.3044i	2.7903-1.0279i	2.3968+10.0227i	-0.6061+2.0039i	-21.6326+7.8785i
69.6	0.3091+0.4652i	0.6163+0.3032i	0.3196+0.2313i	0.2343+0.3013i	2.5497-0.9794i	2.6194+9.9977i	-0.6866+1.9621i	-21.7558+8.0314i
69.7	0.3069+0.4473i	0.6203+0.2698i	0.3200+0.2152i	0.2376+0.2844i	2.3811-1.0624i	2.5673+9.7588i	-0.5072+1.9609i	-21.7020+8.1795i
69.8	0.3109+0.4383i	0.6373+0.2405i	0.3262+0.2005i	0.2464+0.2735i	2.2488-1.0783i	2.7209+9.5848i	-0.5765+2.2135i	-21.8022+8.3835i
69.9	0.3175+0.4342i	0.6564+0.2008i	0.3346+0.1826i	0.2557+0.2628i	2.0021-1.1512i	2.9368+9.4991i	-0.6591+2.4340i	-21.9090+8.7253i
70.0	0.3206+0.4323i	0.6626+0.1724i	0.3401+0.1708i	0.2553+0.2535i	1.8714-1.3795i	3.1601+9.5010i	-0.7325+2.4523i	-21.8380+8.8992i
70.1	0.3124+0.4311i	0.6594+0.1522i	0.3385+0.1646i	0.2477+0.2472i	1.7027-1.4142i	3.0820+9.4964i	-1.0220+2.2753i	-22.0397+9.0540i
70.2	0.3174+0.4209i	0.6550+0.1141i	0.3383+0.1455i	0.2507+0.2354i	1.5227-1.4624i	3.1474+9.2752i	-0.9468+2.4531i	-22.0229+9.5293i
70.3	0.3246+0.4203i	0.6570+0.0839i	0.3416+0.1336i	0.2527+0.2272i	1.3459-1.3437i	3.3107+9.1690i	-1.0440+2.7522i	-22.0639+9.8172i
70.4	0.3365+0.4146i	0.6538+0.0476i	0.3429+0.1153i	0.2569+0.2174i	1.1510-1.4242i	3.5513+8.9498i	-0.8697+3.2292i	-21.9399+10.1092i
70.5	0.3387+0.4086i	0.6551+0.0230i	0.3429+0.1023i	0.2587+0.2122i	1.0205-1.3529i	3.6562+8.7406i	-0.7971+3.5602i	-22.0315+10.2513i
70.6	0.3374+0.4032i	0.6445-0.0055i	0.3383+0.0910i	0.2563+0.2027i	1.0237-1.1396i	3.5932+8.5514i	-0.8841+3.8082i	-22.0809+10.5654i
70.7	0.3411+0.3898i	0.6352-0.0345i	0.3361+0.0747i	0.2563+0.1912i	0.9242-1.1914i	3.6273+8.3496i	-0.7677+3.8922i	-21.9651+10.9364i
70.8	0.3428+0.3859i	0.6325-0.0636i	0.3354+0.0604i	0.2547+0.1841i	0.8052-1.1033i	3.7941+8.2239i	-0.8316+4.1373i	-21.8631+11.2879i
70.9	0.3419+0.3908i	0.6255-0.0876i	0.3321+0.0487i	0.2515+0.1817i	0.7927-0.9938i	3.7526+8.0582i	-0.9236+4.5144i	-21.9340+11.3817i
71.0	0.3415+0.3851i	0.6077-0.1164i	0.3233+0.0361i	0.2482+0.1719i	0.8146-0.8752i	3.6422+7.8695i	-0.5373+4.7815i	-21.9976+11.8039i
71.1	0.3427+0.3785i	0.5871-0.1476i	0.3144+0.0215i	0.2472+0.1617i	0.8127-0.8694i	3.5465+7.7458i	-0.1267+5.0832i	-21.8607+12.2426i
71.2	0.3482+0.3794i	0.5714-0.1709i	0.3103+0.0112i	0.2442+0.1548i	1.0064-0.7419i	3.4100+7.6387i	-0.1261+5.2238i	-21.8178+12.4592i
71.3	0.3575+0.3761i	0.5480-0.2129i	0.3035-0.0092i	0.2405+0.1474i	1.0596-0.9210i	3.4919+7.5941i	0.0105+5.9134i	-21.5608+13.0411i
71.4	0.3616+0.3814i	0.5298-0.2326i	0.2960-0.0148i	0.2374+0.1432i	0.8376-0.8790i	3.4651+7.6216i	0.1824+5.7895i	-21.5959+13.4108i
71.5	0.3674+0.3735i	0.5016-0.2613i	0.2852-0.0280i	0.2354+0.1331i	0.9438-1.0291i	3.3543+7.5612i	0.6155+6.0781i	-21.5216+13.7982i
71.6	0.3715+0.3609i	0.4565-0.2901i	0.2695-0.0421i	0.2249+0.1209i	0.9873-1.2355i	3.3692+7.4622i	1.1233+6.1710i	-21.0980+14.1977i
71.7	0.3808+0.3596i	0.4192-0.3018i	0.2573-0.0481i	0.2196+0.1190i	1.0036-1.0903i	3.2596+7.4408i	1.1142+6.6625i	-21.0233+14.5002i
71.8	0.3945+0.3564i	0.3855-0.3106i	0.2460-0.0567i	0.2148+0.1196i	1.0702-1.2108i	3.2552+7.4759i	1.3040+7.1172i	-20.7526+14.8281i
71.9	0.4044+0.3444i	0.3354-0.3152i	0.2282-0.0624i	0.2055+0.1189i	1.2180-1.3088i	3.2450+7.4389i	2.1492+7.2000i	-20.4183+15.2099i
72.0	0.4076+0.3379i	0.3104-0.3107i	0.2189-0.0625i	0.2033+0.1193i	1.0878-1.3432i	3.2629+7.4039i	2.4243+7.1658i	-20.3003+15.2749i
72.1	0.4087+0.3183i	0.2687-0.2989i	0.1984-0.0633i	0.1955+0.1146i	0.8788-1.6685i	3.3005+7.3366i	3.1542+7.0828i	-19.8671+15.4893i
72.2	0.4148+0.2979i	0.2300-0.2813i	0.1810-0.0641i	0.1885+0.1161i	0.7675-1.7914i	3.3695+7.3001i	3.8642+7.3723i	-19.4234+15.7142i
72.3	0.4190+0.2887i	0.2051-0.2688i	0.1733-0.0634i	0.1857+0.1192i	0.8545-1.7433i	3.3800+7.3222i	4.3370+7.5640i	-19.1631+16.0426i
72.4	0.4256+0.2791i	0.1863-0.2540i	0.1648-0.0643i	0.1877+0.1238i	0.8062-1.8064i	3.4779+7.2865i	4.8852+7.7709i	-18.8028+16.1414i
72.5	0.4217+0.2565i	0.1645-0.2351i	0.1499-0.0647i	0.1874+0.1229i	0.6399-2.0271i	3.5330+7.2718i	5.5244+7.7041i	-18.3451+16.4152i
72.6	0.4167+0.2497i	0.1489-0.2234i	0.1430-0.0603i	0.1815+0.1224i	0.4948-2.1496i	3.5760+7.2626i	5.6019+7.4371i	-18.1108+16.6338i
72.7	0.4112+0.2390i	0.1321-0.2038i	0.1349-0.0552i	0.1773+0.1242i	0.4392-2.2390i	3.6529+7.2234i	6.1607+7.2807i	-17.5872+16.8035i
72.8	0.4111+0.2255i	0.1219-0.1850i	0.1274-0.0504i	0.1800+0.1259i	0.2969-2.1879i	3.6762+7.2196i	6.8376+7.1539i	-17.4502+17.0205i
72.9	0.3986+0.2208i	0.1184-0.1667i	0.1182-0.0413i	0.1782+0.1269i	0.1140-2.1507i	3.6607+7.0911i	7.4595+6.6485i	-17.3586+16.9357i
73.0	0.3883+0.2081i	0.1143-0.1478i	0.1065-0.0392i	0.1782+0.1283i	-0.0094-2.3082i	3.7427+7.0053i	8.1593+6.5424i	-17.0780+16.7703i
73.1	0.3810+0.2051i	0.1114-0.1336i	0.1006-0.0317i	0.1766+0.1303i	-0.1271-2.2340i	3.7415+6.9792i	8.1826+6.0293i	-16.8258+16.8148i
73.2	0.3654+0.1975i	0.1128-0.1129i	0.0941-0.0228i	0.1773+0.1292i	-0.4057-2.3468i	3.8639+6.8605i	8.8209+5.4433i	-16.4191+16.4760i
73.3	0.3531+0.1912i	0.1140-0.0949i	0.0853-0.0169i	0.1795+0.1298i	-0.5586-2.3684i	3.8830+6.8088i	9.4504+5.1933i	-16.0760+16.4467i
73.4	0.3449+0.1914i	0.1100-0.0888i	0.0832-0.0128i	0.1779+0.1303i	-0.6618-2.3212i	3.8915+6.7408i	9.4710+4.9984i	-15.7128+16.5199i
73.5	0.3393+0.1934i	0.1124-0.0870i	0.0820-0.0070i	0.1798+0.1282i	-0.7832-2.2838i	3.9092+6.6666i	9.7996+4.5098i	-15.5643+16.6559i
73.6	0.3287+0.1989i	0.1181-0.0800i	0.0763+0.0007i	0.1800+0.1285i	-0.9424-2.2640i	3.9717+6.6172i	10.2587+3.7568i	-15.3631+16.4559i
73.7	0.3281+0.1964i	0.1179-0.0801i	0.0750+0.0008i	0.1803+0.1251i	-1.0612-2.2574i	4.0250+6.5682i	10.4335+3.4539i	-15.2686+16.4844i
73.8	0.3218+0.1929i	0.1117-0.0724i	0.0719+0.0047i	0.1784+0.1230i	-1.2072-2.1293i	4.0515+6.4311i	10.6433+2.9169i	-14.9390+16.2927i
73.9	0.3153+0.1900i	0.1086-0.0659i	0.0667+0.0088i	0.1773+0.1232i	-1.2918-2.0287i	4.0665+6.3149i	10.8293+2.6604i	-14.9426+16.1260i
74.0	0.3086+0.1902i	0.1082-0.0611i	0.0661+0.0152i	0.1757+0.1215i	-1.4395-1.9484i	4.0473+6.1890i	10.7967+2.0204i	-15.1797+16.0758i
74.1	0.2997+0.1923i	0.1084-0.0534i	0.0630+0.0231i	0.1738+0.1218i	-1.4955-1.8174i	3.9737+6.1110i	10.7252+1.4733i	-15.2352+15.9596i
74.2	0.2907+0.1996i	0.1071-0.0463i	0.0587+0.0303i	0.1695+0.1213i	-1.5976-1.7539i	3.9453+6.0609i	10.7324+1.0799i	-15.0988+16.0309i
74.3	0.2884+0.2099i	0.1127-0.0436i	0.0593+0.0376i	0.1701+0.1224i	-1.5267-1.7131i	3.9500+5.9636i	10.7996+0.7126i	-15.4924+16.3193i
74.4	0.2818+0.2176i	0.1172-0.0396i	0.0601+0.0449i	0.1711+0.1245i	-1.6494-1.5898i	3.9831+5.8744i	11.1613+0.1595i	-15.5419+16.3871i
74.5	0.2729+0.2286i	0.1184-0.0340i	0.0596+0.0517i	0.1688+0.1282i	-1.8154-1.4733i	3.9376+5.8307i	11.1531-0.3019i	-15.4655+16.2015i
74.6	0.2742+0.2308i	0.1193-0.0310i	0.0591+0.0555i	0.1705+0.1270i	-1.8666-1.4871i	3.9622+5.7827i	11.2172-0.7430i	-15.1477+16.4915i
74.7	0.2724+0.2435i	0.1205-0.0273i	0.0584+0.0645i	0.1699+0.1295i	-1.9074-1.3806i	3.9260+5.6965i	11.3994-0.9290i	-15.4738+16.4664i
74.8	0.2722+0.2592i	0.1237-0.0270i	0.0591+0.0728i	0.1697+0.1339i	-1.8988-1.2640i	3.8484+5.6921i	11.3536-1.2872i	-15.9668+16.5391i
74.9	0.2802+0.2675i	0.1251-0.0256i	0.0670+0.0776i	0.1718+0.1360i	-1.8587-1.1634i	3.7975+5.6705i	11.1068-2.1201i	-15.7696+16.9474i

75.0	0.2865+0.2846i	0.1239-0.0232i	0.0681+0.0866i	0.1734+0.1405i	-1.9471-1.0478i	3.8019+5.6595i	10.9387-2.2054i	-15.8463+17.2916i
75.1	0.2884+0.2906i	0.1233-0.0217i	0.0698+0.0908i	0.1761+0.1403i	-2.0270-0.9930i	3.8260+5.5953i	10.8342-2.5018i	-15.5267+17.4655i
75.2	0.2862+0.3064i	0.1304-0.0164i	0.0708+0.0993i	0.1758+0.1447i	-1.9755-0.9145i	3.7711+5.5672i	10.9236-2.9933i	-15.7768+17.2662i
75.3	0.2940+0.3094i	0.1308-0.0144i	0.0748+0.1024i	0.1778+0.1465i	-2.0430-0.9732i	3.7630+5.5434i	11.2584-3.5874i	-15.3945+17.5658i
75.4	0.3074+0.3207i	0.1309-0.0154i	0.0791+0.1065i	0.1827+0.1504i	-2.1088-0.9171i	3.7713+5.4878i	11.1408-3.9904i	-15.5340+17.8119i
75.5	0.3193+0.3275i	0.1326-0.0124i	0.0859+0.1114i	0.1865+0.1507i	-2.1282-0.7129i	3.7996+5.4661i	10.9406-4.2250i	-15.3486+18.1103i
75.6	0.3378+0.3301i	0.1342-0.0145i	0.0962+0.1137i	0.1941+0.1468i	-2.0321-0.6181i	3.8189+5.4663i	11.1052-4.8948i	-14.9802+18.6276i
75.7	0.3486+0.3323i	0.1305-0.0163i	0.1002+0.1165i	0.1960+0.1452i	-2.1407-0.5560i	3.7786+5.4264i	10.6977-5.6549i	-14.8535+18.7086i
75.8	0.3572+0.3355i	0.1300-0.0133i	0.1031+0.1199i	0.1994+0.1463i	-2.1504-0.4911i	3.7559+5.4345i	10.3958-5.9662i	-14.7555+18.9696i
75.9	0.3725+0.3351i	0.1271-0.0123i	0.1085+0.1200i	0.2048+0.1457i	-2.0846-0.4002i	3.7505+5.4134i	10.1014-6.1800i	-14.5566+19.3369i
76.0	0.3844+0.3386i	0.1253-0.0140i	0.1133+0.1229i	0.2069+0.1437i	-2.2313-0.3864i	3.8037+5.3324i	9.9953-7.0530i	-14.3195+19.3434i
76.1	0.3914+0.3347i	0.1245-0.0136i	0.1162+0.1205i	0.2081+0.1411i	-2.3301-0.1858i	3.7962+5.2759i	9.5990-7.7030i	-14.0390+19.4185i
76.2	0.4080+0.3342i	0.1286-0.0117i	0.1229+0.1224i	0.2144+0.1418i	-2.1048-0.0904i	3.8138+5.2956i	9.5142-8.1408i	-13.8612+19.9290i
76.3	0.4263+0.3368i	0.1286-0.0077i	0.1303+0.1267i	0.2201+0.1412i	-2.0968-0.0258i	3.8321+5.2853i	9.1925-8.4717i	-13.8588+20.1682i
76.4	0.4357+0.3264i	0.1255-0.0106i	0.1352+0.1216i	0.2198+0.1331i	-2.2201-0.0827i	3.8832+5.2443i	8.7130-9.0012i	-13.2679+20.2069i
76.5	0.4542+0.3183i	0.1203-0.0038i	0.1401+0.1219i	0.2248+0.1331i	-2.1064-0.0839i	3.8615+5.2692i	7.9923-9.1182i	-13.2505+20.7012i
76.6	0.4635+0.3204i	0.1239+0.0029i	0.1450+0.1259i	0.2285+0.1344i	-2.0792-0.0295i	3.8667+5.1994i	7.7590-9.7119i	-13.1538+20.9416i
76.7	0.4757+0.3123i	0.1264+0.0056i	0.1507+0.1263i	0.2319+0.1303i	-2.0967+0.0150i	3.9016+5.1476i	7.2451-10.1370i	-12.6342+21.1400i
76.8	0.4810+0.3027i	0.1279+0.0078i	0.1551+0.1250i	0.2340+0.1259i	-2.1255+0.1636i	3.9372+5.1144i	6.6033-10.2666i	-12.0993+21.1853i
76.9	0.4913+0.2985i	0.1297+0.0118i	0.1615+0.1261i	0.2365+0.1248i	-2.0496+0.1790i	3.8991+5.1242i	6.2104-10.4558i	-11.9811+21.4830i
77.0	0.5037+0.2886i	0.1335+0.0119i	0.1664+0.1221i	0.2399+0.1206i	-1.9582+0.2725i	3.9593+5.0484i	5.2408-10.7851i	-11.4312+21.5974i
77.1	0.5100+0.2845i	0.1342+0.0130i	0.1695+0.1206i	0.2414+0.1188i	-1.9402+0.4129i	3.9512+5.0424i	4.6381-10.8077i	-11.2780+21.6141i
77.2	0.5221+0.2778i	0.1342+0.0107i	0.1769+0.1176i	0.2435+0.1147i	-2.0023+0.5190i	4.0325+5.0004i	3.7672-11.0258i	-10.8934+21.8711i
77.3	0.5317+0.2615i	0.1339+0.0130i	0.1824+0.1143i	0.2450+0.1092i	-2.0227+0.4952i	4.0465+4.9376i	3.4398-11.0723i	-10.4421+21.9955i
77.4	0.5430+0.2541i	0.1391+0.0191i	0.1873+0.1165i	0.2462+0.1094i	-1.9758+0.5349i	4.0683+4.9626i	2.8968-10.9383i	-10.0270+22.3658i
77.5	0.5576+0.2606i	0.1455+0.0251i	0.1940+0.1215i	0.2532+0.1138i	-1.8471+0.5606i	4.1449+4.9882i	2.3229-10.8942i	-9.9410+22.6545i
77.6	0.5690+0.2614i	0.1532+0.0284i	0.2026+0.1237i	0.2607+0.1141i	-1.7629+0.5395i	4.2065+4.9919i	1.9789-10.8294i	-9.7380+22.8665i
77.7	0.5750+0.2574i	0.1596+0.0302i	0.2073+0.1229i	0.2634+0.1133i	-1.8086+0.6846i	4.2852+4.9137i	1.2459-10.8589i	-9.0657+22.7579i
77.8	0.5960+0.2481i	0.1646+0.0274i	0.2160+0.1201i	0.2687+0.1119i	-1.6693+0.6940i	4.3192+4.8264i	0.7627-10.5627i	-8.7200+22.7461i
77.9	0.6203+0.2315i	0.1728+0.0209i	0.2300+0.1143i	0.2792+0.1032i	-1.7746+0.6843i	4.3624+4.7278i	0.0853-10.5817i	-8.2454+22.9706i
78.0	0.6265+0.2159i	0.1828+0.0217i	0.2373+0.1097i	0.2835+0.0985i	-1.8358+0.6989i	4.4146+4.6462i	-0.0383-10.3757i	-7.6703+22.9514i
78.1	0.6299+0.2121i	0.1856+0.0208i	0.2416+0.1073i	0.2832+0.0963i	-1.7559+0.7334i	4.4335+4.6005i	-0.4875-10.0413i	-7.3847+22.6429i
78.2	0.6365+0.1934i	0.1876+0.0113i	0.2472+0.0972i	0.2864+0.0872i	-1.7001+0.8110i	4.4544+4.4790i	-1.0367-9.5798i	-6.6411+22.3385i
78.3	0.6510+0.1850i	0.1921+0.0105i	0.2529+0.0922i	0.2934+0.0853i	-1.8104+0.8852i	4.5173+4.4403i	-1.5784-9.3512i	-6.2771+22.0081i
78.4	0.6619+0.1748i	0.1969+0.0091i	0.2590+0.0898i	0.2978+0.0823i	-1.7426+0.9628i	4.5098+4.4060i	-1.8445-9.2543i	-6.2541+22.0373i
78.5	0.6725+0.1462i	0.1977-0.0019i	0.2650+0.0769i	0.3008+0.0692i	-1.7442+1.0499i	4.5841+4.2408i	-2.5018-8.7839i	-5.6076+21.8476i
78.6	0.6815+0.1244i	0.1997-0.0107i	0.2693+0.0650i	0.3046+0.0592i	-1.6717+1.0648i	4.5990+4.1596i	-2.7230-8.3083i	-5.1440+21.6691i
78.7	0.6844+0.1066i	0.2039-0.0152i	0.2729+0.0558i	0.3066+0.0524i	-1.6285+1.1631i	4.5825+4.0618i	-3.1536-7.8972i	-4.8887+21.4909i
78.8	0.7092+0.0857i	0.2097-0.0212i	0.2825+0.0477i	0.3170+0.0442i	-1.5724+1.2344i	4.6703+3.9955i	-3.6878-7.4720i	-4.6652+21.5415i
78.9	0.7241+0.0649i	0.2077-0.0274i	0.2864+0.0386i	0.3210+0.0361i	-1.2760+1.3798i	4.7296+3.9155i	-3.6660-6.2238i	-4.3283+21.5315i
79.0	0.7402+0.0437i	0.2117-0.0304i	0.2928+0.0305i	0.3300+0.0278i	-0.9244+1.2613i	4.7964+3.8204i	-2.6407-4.6096i	-4.0497+21.4005i
79.1	0.7261+0.0043i	0.2144-0.0377i	0.2929+0.0150i	0.3266+0.0116i	-0.8276+0.9077i	4.7534+3.5916i	-0.4932-4.7999i	-3.5299+20.7153i
79.2	0.7152-0.0295i	0.2153-0.0556i	0.2920-0.0000i	0.3217-0.0061i	-1.0809+0.6593i	4.7015+3.4464i	-0.2033-6.5307i	-3.2673+20.5115i
79.3	0.7050-0.0599i	0.2065-0.0679i	0.2859-0.0156i	0.3156-0.0196i	-1.2269+0.7362i	4.6215+3.2944i	-1.3280-6.8268i	-3.0516+20.2604i
79.4	0.6844-0.0763i	0.1952-0.0755i	0.2755-0.0247i	0.3039-0.0275i	-1.2911+0.8302i	4.5560+3.2064i	-1.8830-7.0549i	-2.8609+19.8998i
79.5	0.6874-0.0848i	0.1973-0.0802i	0.2781-0.0302i	0.3051-0.0316i	-1.2696+0.9174i	4.5714+3.2076i	-2.1938-7.1752i	-2.8528+20.0868i
79.6	0.6703-0.1124i	0.1859-0.0840i	0.2686-0.0415i	0.2970-0.0427i	-1.3290+0.9595i	4.4954+3.0612i	-2.4291-6.8677i	-2.5652+19.7384i
79.7	0.6540-0.1360i	0.1737-0.0853i	0.2610-0.0522i	0.2889-0.0518i	-1.2965+1.0875i	4.4172+2.9214i	-2.8739-6.5246i	-2.3021+19.3548i
79.8	0.6571-0.1578i	0.1716-0.0927i	0.2630-0.0606i	0.2887-0.0612i	-1.2383+1.0356i	4.4414+2.8315i	-3.0408-6.6769i	-2.1072+19.4498i
79.9	0.6456-0.1670i	0.1662-0.0920i	0.2568-0.0638i	0.2834-0.0641i	-1.1893+1.0695i	4.3697+2.7868i	-3.3078-6.3414i	-2.0941+19.1883i
80.0	0.6311-0.1850i	0.1649-0.0953i	0.2540-0.0712i	0.2793-0.0704i	-1.2106+1.0812i	4.3502+2.6962i	-3.3736-6.2841i	-1.8405+19.0479i

1.1.29 Run 8 – VT315 – NF and AF gauges

Vertical shaking at 315°. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	-0.0284+0.0000i	0.3187+0.0000i	0.7131+0.0000i	0.6537+0.0000i	0.0245+0.0000i	-0.0224+0.0000i	0.0235+0.0000i	0.0331+0.0000i
0.1	-0.0177-0.0000i	0.4704+0.0010i	0.5212+0.0007i	0.1203-0.0004i	0.0064+0.0003i	-0.0153-0.0006i	0.0073+0.0004i	0.0084+0.0006i
0.2	-0.0080+0.0010i	0.4952-0.0023i	0.4913+0.0011i	0.0222-0.0015i	0.0033+0.0002i	-0.0144+0.0001i	0.0047+0.0003i	0.0045+0.0002i
0.3	-0.0060+0.0033i	0.4916-0.0053i	0.4930+0.0040i	0.0234-0.0012i	0.0036-0.0000i	-0.0142+0.0004i	0.0049+0.0006i	0.0043+0.0004i
0.4	-0.0060+0.0036i	0.4898-0.0047i	0.4932+0.0031i	0.0216-0.0005i	0.0036+0.0003i	-0.0140+0.0005i	0.0052+0.0008i	0.0038+0.0003i
0.5	-0.0002+0.0086i	0.4849-0.0086i	0.4930+0.0045i	0.0203-0.0061i	0.0039+0.0007i	-0.0138+0.0010i	0.0058+0.0013i	0.0047+0.0008i
0.6	0.0093+0.0087i	0.4747-0.0069i	0.4979+0.0094i	0.0149-0.0095i	0.0049+0.0005i	-0.0125+0.0007i	0.0075+0.0011i	0.0053+0.0001i
0.7	0.0099-0.0112i	0.4750+0.0135i	0.5133+0.0060i	0.0044-0.0025i	0.0047-0.0017i	-0.0126-0.0017i	0.0074-0.0025i	0.0052-0.0012i
0.8	-0.0106-0.0136i	0.4937+0.0139i	0.5067-0.0130i	0.0134+0.0129i	0.0028-0.0015i	-0.0148-0.0011i	0.0040-0.0027i	0.0038-0.0011i
0.9	-0.0021-0.0067i	0.4859+0.0045i	0.4927-0.0026i	0.0248+0.0026i	0.0038-0.0007i	-0.0140-0.0001i	0.0049-0.0010i	0.0040-0.0010i
1.0	0.0113-0.0267i	0.4738+0.0249i	0.5036+0.0009i	0.0153+0.0008i	0.0048-0.0027i	-0.0126-0.0023i	0.0067-0.0035i	0.0053-0.0031i
1.1	-0.0196-0.0340i	0.5044+0.0327i	0.5080-0.0053i	0.0109+0.0058i	0.0019-0.0033i	-0.0156-0.0028i	0.0030-0.0044i	0.0028-0.0033i
1.2	-0.0389-0.0117i	0.5230+0.0094i	0.5035-0.0090i	0.0152+0.0067i	0.0004-0.0010i	-0.0173-0.0006i	0.0008-0.0014i	0.0016-0.0006i
1.3	-0.0262-0.0031i	0.5105+0.0021i	0.5056-0.0021i	0.0146+0.0013i	0.0016-0.0005i	-0.0159+0.0002i	0.0022-0.0006i	0.0023+0.0003i
1.4	-0.0229-0.0004i	0.5074+0.0010i	0.5100+0.0013i	0.0118-0.0011i	0.0020-0.0003i	-0.0157+0.0001i	0.0025-0.0005i	0.0023-0.0000i
1.5	-0.0202-0.0007i	0.5055+0.0020i	0.5174-0.0006i	0.0039-0.0010i	0.0021-0.0004i	-0.0155+0.0002i	0.0030-0.0007i	0.0020+0.0001i
1.6	-0.0178+0.0003i	0.5053+0.0002i	0.5236-0.0041i	-0.0025+0.0017i	0.0020-0.0004i	-0.0154+0.0004i	0.0033-0.0003i	0.0027+0.0001i
1.7	-0.0170-0.0019i	0.5051+0.0000i	0.5290-0.0081i	-0.0080+0.0052i	0.0018-0.0004i	-0.0153+0.0004i	0.0033-0.0002i	0.0023+0.0001i
1.8	-0.0172-0.0030i	0.5059+0.0005i	0.5425-0.0070i	-0.0197+0.0040i	0.0019-0.0003i	-0.0154+0.0006i	0.0036-0.0002i	0.0023-0.0003i
1.9	-0.0174-0.0035i	0.5061+0.0014i	0.5649-0.0190i	-0.0408+0.0138i	0.0021-0.0005i	-0.0155+0.0005i	0.0039-0.0006i	0.0016-0.0000i
2.0	-0.0180-0.0055i	0.5088+0.0017i	0.5791-0.0728i	-0.0539+0.0615i	0.0019-0.0006i	-0.0156+0.0008i	0.0039-0.0007i	0.0014+0.0001i
2.1	-0.0198-0.0065i	0.5092-0.0014i	0.4865-0.1502i	0.0295+0.1339i	0.0022+0.0000i	-0.0148+0.0013i	0.0045-0.0005i	0.0026+0.0012i
2.2	-0.0225-0.0050i	0.5081-0.0015i	0.4056-0.0855i	0.1022+0.0769i	0.0026-0.0007i	-0.0139+0.0003i	0.0049-0.0028i	0.0036+0.0006i
2.3	-0.0254-0.0028i	0.5079-0.0024i	0.4297-0.0343i	0.0807+0.0300i	0.0025-0.0006i	-0.0142+0.0002i	0.0034-0.0023i	0.0043+0.0005i
2.4	-0.0233-0.0046i	0.5081-0.0016i	0.4640-0.0279i	0.0536+0.0228i	0.0029-0.0014i	-0.0140-0.0005i	0.0039-0.0022i	0.0045-0.0011i
2.5	-0.0289-0.0005i	0.5173-0.0020i	0.4773-0.0321i	0.0431+0.0265i	-0.0001-0.0008i	-0.0171+0.0003i	-0.0003-0.0014i	0.0000-0.0005i
2.6	-0.0285+0.0019i	0.5142-0.0049i	0.4655-0.0496i	0.0514+0.0432i	-0.0001-0.0005i	-0.0169+0.0007i	-0.0002-0.0011i	0.0001+0.0001i
2.7	-0.0268+0.0021i	0.5125-0.0040i	0.4479-0.0362i	0.0687+0.0325i	0.0002-0.0001i	-0.0163+0.0006i	0.0000-0.0006i	0.0005+0.0006i
2.8	-0.0266+0.0028i	0.5122-0.0024i	0.4538-0.0245i	0.0642+0.0212i	0.0004-0.0001i	-0.0161+0.0007i	0.0003-0.0005i	0.0002+0.0000i
2.9	-0.0279+0.0024i	0.5117-0.0034i	0.4578-0.0197i	0.0612+0.0163i	0.0005-0.0003i	-0.0161+0.0007i	0.0006-0.0003i	0.0009+0.0000i
3.0	-0.0265-0.0002i	0.5142-0.0040i	0.4608-0.0163i	0.0575+0.0147i	0.0008-0.0003i	-0.0162+0.0005i	0.0010-0.0004i	0.0013+0.0001i
3.1	-0.0265+0.0025i	0.5137-0.0040i	0.4613-0.0137i	0.0570+0.0130i	0.0007-0.0001i	-0.0161+0.0009i	0.0011-0.0004i	0.0014-0.0003i
3.2	-0.0263+0.0027i	0.5173-0.0056i	0.4607-0.0139i	0.0584+0.0120i	0.0004-0.0002i	-0.0162+0.0010i	0.0008-0.0003i	0.0012-0.0002i
3.3	-0.0254+0.0015i	0.5183-0.0038i	0.4621-0.0133i	0.0584+0.0115i	0.0005-0.0002i	-0.0161+0.0009i	0.0010+0.0003i	0.0015+0.0005i
3.4	-0.0246+0.0031i	0.5152-0.0050i	0.4609-0.0142i	0.0584+0.0126i	0.0004-0.0002i	-0.0158+0.0005i	0.0017+0.0002i	0.0014-0.0004i
3.5	-0.0263+0.0029i	0.5142-0.0060i	0.4503-0.0118i	0.0705+0.0071i	0.0005+0.0000i	-0.0153-0.0003i	0.0020-0.0003i	0.0012+0.0004i
3.6	-0.0351+0.0043i	0.5195-0.0037i	0.4384+0.0228i	0.0826-0.0180i	0.0005-0.0004i	-0.0158-0.0013i	0.0005-0.0019i	0.0018+0.0000i
3.7	-0.0200+0.0011i	0.5285+0.0063i	0.5480+0.0337i	-0.0006-0.0281i	-0.0001-0.0006i	-0.0178-0.0006i	-0.0010-0.0012i	-0.0012+0.0001i
3.8	-0.0253-0.0008i	0.5311+0.0029i	0.5335+0.0082i	0.0092-0.0086i	-0.0006-0.0006i	-0.0178+0.0000i	-0.0010-0.0006i	-0.0012+0.0005i
3.9	-0.0276-0.0001i	0.5314+0.0011i	0.5259+0.0057i	0.0152-0.0053i	-0.0007-0.0004i	-0.0178+0.0003i	-0.0010-0.0005i	-0.0009-0.0001i
4.0	-0.0282+0.0001i	0.5325-0.0001i	0.5222+0.0030i	0.0186-0.0026i	-0.0008-0.0003i	-0.0179+0.0005i	-0.0010-0.0004i	-0.0008-0.0005i
4.1	-0.0295+0.0004i	0.5347-0.0010i	0.5197-0.0007i	0.0213+0.0005i	-0.0009-0.0003i	-0.0179+0.0007i	-0.0011-0.0003i	-0.0009+0.0001i
4.2	-0.0309+0.0012i	0.5354-0.0014i	0.5179-0.0025i	0.0237+0.0017i	-0.0010-0.0001i	-0.0180+0.0008i	-0.0011-0.0001i	-0.0009+0.0001i
4.3	-0.0316+0.0015i	0.5354-0.0028i	0.5175-0.0050i	0.0254+0.0025i	-0.0011-0.0000i	-0.0181+0.0008i	-0.0013+0.0002i	-0.0004-0.0000i
4.4	-0.0323+0.0040i	0.5384-0.0042i	0.5148-0.0054i	0.0280+0.0043i	-0.0011+0.0002i	-0.0182+0.0012i	-0.0014+0.0006i	-0.0004+0.0007i
4.5	-0.0321+0.0034i	0.5412-0.0038i	0.5143-0.0052i	0.0305+0.0041i	-0.0008+0.0001i	-0.0179+0.0011i	-0.0008+0.0005i	-0.0007+0.0007i
4.6	-0.0315+0.0022i	0.5418-0.0013i	0.5116-0.0035i	0.0341+0.0036i	-0.0007+0.0001i	-0.0176+0.0009i	-0.0002+0.0003i	-0.0008-0.0001i
4.7	-0.0338+0.0038i	0.5405+0.0012i	0.5069+0.0002i	0.0391+0.0009i	-0.0003-0.0002i	-0.0174+0.0006i	-0.0000-0.0006i	-0.0007-0.0000i
4.8	-0.0353+0.0044i	0.5464+0.0005i	0.5079+0.0099i	0.0369-0.0064i	-0.0020-0.0005i	-0.0190+0.0002i	-0.0023-0.0008i	-0.0037-0.0001i
4.9	-0.0342+0.0060i	0.5453+0.0014i	0.5042+0.0195i	0.0393-0.0157i	-0.0021+0.0002i	-0.0192+0.0006i	-0.0021+0.0002i	-0.0036+0.0004i
5.0	-0.0286+0.0021i	0.5515+0.0040i	0.5483+0.0215i	0.0158-0.0163i	-0.0015-0.0012i	-0.0188-0.0003i	-0.0015-0.0010i	-0.0015-0.0008i
5.1	-0.0305+0.0011i	0.5567+0.0028i	0.5477+0.0100i	0.0191-0.0068i	-0.0021-0.0008i	-0.0195-0.0001i	-0.0030-0.0011i	-0.0029-0.0011i
5.2	-0.0325+0.0049i	0.5601-0.0032i	0.5385+0.0073i	0.0293-0.0060i	-0.0033+0.0007i	-0.0204+0.0015i	-0.0044+0.0012i	-0.0042+0.0012i
5.3	-0.0310+0.0104i	0.5603-0.0081i	0.5318+0.0084i	0.0363-0.0057i	-0.0026+0.0023i	-0.0197+0.0032i	-0.0034+0.0034i	-0.0031+0.0038i
5.4	-0.0166+0.0021i	0.5475-0.0005i	0.5358+0.0451i	0.0380-0.0278i	0.0011+0.0021i	-0.0163+0.0024i	0.0021+0.0023i	0.0020+0.0040i
5.5	-0.0135-0.0087i	0.5534+0.0143i	0.5828+0.0574i	0.0036-0.0458i	0.0025-0.0020i	-0.0152-0.0019i	0.0036-0.0035i	0.0028-0.0025i
5.6	-0.0167-0.0083i	0.5689+0.0131i	0.6081+0.0276i	-0.0150-0.0276i	0.0004-0.0027i	-0.0173-0.0026i	0.0005-0.0040i	0.0013-0.0038i

5.7	-0.0174-0.0071i	0.5756+0.0073i	0.6078+0.0069i	-0.0071-0.0105i	-0.0006-0.0024i	-0.0183-0.0018i	-0.0009-0.0033i	0.0002-0.0032i
5.8	-0.0164-0.0091i	0.5763+0.0048i	0.6002-0.0024i	0.0045-0.0038i	-0.0003-0.0025i	-0.0181-0.0015i	-0.0002-0.0035i	0.0005-0.0037i
5.9	-0.0155-0.0112i	0.5789+0.0064i	0.5974-0.0020i	0.0118-0.0047i	-0.0009-0.0030i	-0.0184-0.0019i	-0.0007-0.0043i	-0.0002-0.0046i
6.0	-0.0125-0.0115i	0.5828+0.0051i	0.6024-0.0006i	0.0145-0.0064i	-0.0011-0.0029i	-0.0186-0.0018i	-0.0010-0.0039i	-0.0004-0.0040i
6.1	-0.0063-0.0129i	0.5861+0.0049i	0.6101-0.0008i	0.0175-0.0086i	-0.0003-0.0031i	-0.0181-0.0020i	-0.0002-0.0041i	0.0006-0.0042i
6.2	-0.0019-0.0172i	0.5897+0.0062i	0.6180-0.0028i	0.0204-0.0102i	-0.0002-0.0038i	-0.0180-0.0026i	-0.0001-0.0052i	0.0009-0.0054i
6.3	0.0049-0.0222i	0.5944+0.0063i	0.6267-0.0073i	0.0244-0.0100i	-0.0000-0.0044i	-0.0181-0.0031i	0.0000-0.0059i	0.0011-0.0062i
6.4	0.0142-0.0270i	0.5984+0.0066i	0.6350-0.0099i	0.0305-0.0114i	0.0005-0.0053i	-0.0177-0.0038i	0.0006-0.0069i	0.0016-0.0074i
6.5	0.0257-0.0357i	0.6022+0.0063i	0.6463-0.0166i	0.0364-0.0157i	0.0011-0.0062i	-0.0172-0.0046i	0.0013-0.0081i	0.0024-0.0087i
6.6	0.0413-0.0427i	0.6046+0.0073i	0.6612-0.0220i	0.0431-0.0181i	0.0023-0.0071i	-0.0161-0.0054i	0.0029-0.0092i	0.0044-0.0098i
6.7	0.0658-0.0570i	0.6068+0.0093i	0.6786-0.0293i	0.0551-0.0237i	0.0044-0.0088i	-0.0141-0.0068i	0.0058-0.0114i	0.0077-0.0123i
6.8	0.0970-0.0783i	0.6091+0.0103i	0.6992-0.0406i	0.0719-0.0334i	0.0069-0.0109i	-0.0118-0.0087i	0.0089-0.0143i	0.0108-0.0157i
6.9	0.1465-0.1389i	0.6099+0.0171i	0.7312-0.0730i	0.0990-0.0609i	0.0111-0.0176i	-0.0078-0.0148i	0.0145-0.0232i	0.0168-0.0254i
7.0	0.2142-0.2570i	0.6097+0.0354i	0.7729-0.1300i	0.1349-0.1171i	0.0168-0.0311i	-0.0025-0.0269i	0.0218-0.0408i	0.0250-0.0447i
7.1	0.1933-0.4758i	0.6266+0.0632i	0.7746-0.2418i	0.1295-0.2231i	0.0115-0.0542i	-0.0073-0.0483i	0.0145-0.0711i	0.0169-0.0783i
7.2	-0.0961-0.6095i	0.6720+0.0698i	0.6355-0.3209i	-0.0048-0.2914i	-0.0207-0.0646i	-0.0368-0.0580i	-0.0281-0.0843i	-0.0291-0.0925i
7.3	-0.3953-0.5678i	0.7153+0.0642i	0.4846-0.2963i	-0.1420-0.2750i	-0.0523-0.0585i	-0.0657-0.0529i	-0.0692-0.0764i	-0.0745-0.0834i
7.4	-0.5717-0.4131i	0.7509+0.0411i	0.4075-0.2124i	-0.2235-0.2081i	-0.0716-0.0407i	-0.0839-0.0369i	-0.0947-0.0530i	-0.1024-0.0578i
7.5	-0.5564-0.1926i	0.7565+0.0015i	0.4284-0.1086i	-0.2210-0.1091i	-0.0692-0.0155i	-0.0823-0.0136i	-0.0920-0.0192i	-0.0990-0.0213i
7.6	-0.4784-0.0924i	0.7489-0.0169i	0.4748-0.0634i	-0.1874-0.0614i	-0.0602-0.0041i	-0.0743-0.0029i	-0.0800-0.0040i	-0.0858-0.0050i
7.7	-0.4259-0.0577i	0.7478-0.0224i	0.5082-0.0481i	-0.1625-0.0448i	-0.0543-0.0003i	-0.0692+0.0006i	-0.0723+0.0010i	-0.0773+0.0008i
7.8	-0.3991-0.0472i	0.7549-0.0223i	0.5315-0.0434i	-0.1472-0.0392i	-0.0519+0.0009i	-0.0669+0.0018i	-0.0690+0.0027i	-0.0736+0.0025i
7.9	-0.3991-0.0437i	0.7714-0.0263i	0.5461-0.0428i	-0.1423-0.0382i	-0.0529+0.0021i	-0.0682+0.0031i	-0.0706+0.0045i	-0.0754+0.0045i
8.0	-0.4015-0.0206i	0.7838-0.0383i	0.5564-0.0367i	-0.1417-0.0325i	-0.0538+0.0056i	-0.0693+0.0066i	-0.0716+0.0095i	-0.0766+0.0100i
8.1	-0.3964-0.0008i	0.7954-0.0487i	0.5707-0.0323i	-0.1360-0.0279i	-0.0534+0.0090i	-0.0690+0.0100i	-0.0709+0.0143i	-0.0753+0.0152i
8.2	-0.4008+0.0146i	0.8089-0.0608i	0.5814-0.0306i	-0.1341-0.0256i	-0.0543+0.0119i	-0.0700+0.0128i	-0.0720+0.0182i	-0.0765+0.0190i
8.3	-0.4003+0.0341i	0.8219-0.0746i	0.5930-0.0273i	-0.1315-0.0221i	-0.0547+0.0151i	-0.0706+0.0162i	-0.0726+0.0230i	-0.0775+0.0244i
8.4	-0.3975+0.0510i	0.8320-0.0896i	0.6065-0.0292i	-0.1282-0.0207i	-0.0543+0.0180i	-0.0705+0.0191i	-0.0716+0.0271i	-0.0767+0.0288i
8.5	-0.3993+0.0646i	0.8481-0.1012i	0.6197-0.0295i	-0.1262-0.0198i	-0.0546+0.0203i	-0.0708+0.0213i	-0.0718+0.0300i	-0.0766+0.0318i
8.6	-0.4064+0.0772i	0.8684-0.1156i	0.6310-0.0313i	-0.1227-0.0204i	-0.0561+0.0227i	-0.0724+0.0236i	-0.0738+0.0333i	-0.0788+0.0357i
8.7	-0.4167+0.0967i	0.8916-0.1417i	0.6454-0.0364i	-0.1204-0.0245i	-0.0581+0.0271i	-0.0742+0.0281i	-0.0761+0.0393i	-0.0814+0.0421i
8.8	-0.4281+0.1177i	0.9132-0.1693i	0.6580-0.0401i	-0.1178-0.0289i	-0.0604+0.0309i	-0.0764+0.0320i	-0.0788+0.0444i	-0.0843+0.0475i
8.9	-0.4412+0.1451i	0.9411-0.2055i	0.6711-0.0459i	-0.1130-0.0329i	-0.0629+0.0362i	-0.0790+0.0372i	-0.0822+0.0515i	-0.0880+0.0553i
9.0	-0.4437+0.1981i	0.9553-0.2770i	0.6840-0.0621i	-0.1126-0.0438i	-0.0632+0.0471i	-0.0794+0.0482i	-0.0824+0.0661i	-0.0881+0.0714i
9.1	-0.4342+0.2340i	0.9533-0.3308i	0.6933-0.0757i	-0.1131-0.0539i	-0.0618+0.0544i	-0.0781+0.0555i	-0.0804+0.0761i	-0.0855+0.0825i
9.2	-0.4739+0.3144i	1.0179-0.4545i	0.7174-0.1049i	-0.1027-0.0795i	-0.0707+0.0731i	-0.0867+0.0742i	-0.0923+0.1018i	-0.0976+0.1107i
9.3	-0.4660+0.4290i	1.0120-0.6235i	0.7222-0.1415i	-0.1064-0.1141i	-0.0682+0.0986i	-0.0838+0.0995i	-0.0885+0.1366i	-0.0930+0.1483i
9.4	-0.2893+0.5452i	0.7571-0.8007i	0.6750-0.1824i	-0.1615-0.1546i	-0.0275+0.1231i	-0.0430+0.1236i	-0.0327+0.1699i	-0.0318+0.1833i
9.5	-0.0725+0.4965i	0.4350-0.7365i	0.6124-0.1694i	-0.2331-0.1470i	0.0214+0.1105i	0.0053+0.1110i	0.0343+0.1529i	0.0407+0.1637i
9.6	0.0462+0.3594i	0.2583-0.5397i	0.5823-0.1260i	-0.2790-0.1111i	0.0473+0.0797i	0.0306+0.0797i	0.0694+0.1105i	0.0785+0.1165i
9.7	0.0297+0.2533i	0.2803-0.3846i	0.5928-0.0922i	-0.2844-0.0790i	0.0434+0.0560i	0.0264+0.0563i	0.0641+0.0782i	0.0718+0.0811i
9.8	-0.0103+0.1728i	0.3368-0.2622i	0.6143-0.0671i	-0.2843-0.0520i	0.0342+0.0376i	0.0169+0.0382i	0.0518+0.0532i	0.0573+0.0540i
9.9	-0.0343+0.1274i	0.3722-0.1951i	0.6311-0.0535i	-0.2867-0.0380i	0.0289+0.0278i	0.0116+0.0285i	0.0449+0.0397i	0.0490+0.0392i
10.0	-0.0640+0.0969i	0.4167-0.1505i	0.6494-0.0448i	-0.2858-0.0271i	0.0224+0.0210i	0.0051+0.0220i	0.0362+0.0304i	0.0389+0.0295i
10.1	-0.0957+0.0763i	0.4640-0.1197i	0.6699-0.0412i	-0.2853-0.0191i	0.0155+0.0162i	-0.0017+0.0175i	0.0270+0.0238i	0.0285+0.0228i
10.2	-0.1222+0.0676i	0.5024-0.1104i	0.6851-0.0456i	-0.2848-0.0125i	0.0098+0.0148i	-0.0074+0.0161i	0.0193+0.0215i	0.0203+0.0205i
10.3	-0.1406+0.0615i	0.5289-0.1082i	0.6977-0.0505i	-0.2866-0.0120i	0.0059+0.0143i	-0.0111+0.0154i	0.0144+0.0207i	0.0148+0.0196i
10.4	-0.1555+0.0592i	0.5438-0.1077i	0.7033-0.0538i	-0.2914-0.0126i	0.0035+0.0140i	-0.0134+0.0152i	0.0113+0.0203i	0.0116+0.0194i
10.5	-0.1694+0.0517i	0.5525-0.0997i	0.7102-0.0485i	-0.3018-0.0143i	0.0022+0.0128i	-0.0148+0.0139i	0.0095+0.0186i	0.0093+0.0172i
10.6	-0.1812+0.0448i	0.5643-0.0852i	0.7212-0.0438i	-0.3154-0.0089i	0.0006+0.0110i	-0.0167+0.0121i	0.0077+0.0160i	0.0066+0.0148i
10.7	-0.1969+0.0398i	0.5817-0.0725i	0.7348-0.0433i	-0.3244+0.0004i	-0.0019+0.0092i	-0.0191+0.0104i	0.0046+0.0133i	0.0032+0.0127i
10.8	-0.2145+0.0346i	0.6036-0.0609i	0.7468-0.0424i	-0.3307+0.0064i	-0.0048+0.0077i	-0.0220+0.0088i	0.0007+0.0113i	-0.0012+0.0113i
10.9	-0.2275+0.0307i	0.6233-0.0522i	0.7607-0.0393i	-0.3352+0.0086i	-0.0073+0.0065i	-0.0244+0.0078i	-0.0027+0.0097i	-0.0048+0.0094i
11.0	-0.2438+0.0299i	0.6463-0.0503i	0.7784-0.0398i	-0.3438+0.0107i	-0.0101+0.0063i	-0.0274+0.0078i	-0.0063+0.0093i	-0.0087+0.0088i
11.1	-0.2579+0.0339i	0.6658-0.0521i	0.7924-0.0429i	-0.3506+0.0157i	-0.0123+0.0064i	-0.0299+0.0079i	-0.0093+0.0094i	-0.0123+0.0090i
11.2	-0.2712+0.0343i	0.6826-0.0495i	0.8070-0.0442i	-0.3607+0.0179i	-0.0143+0.0062i	-0.0320+0.0076i	-0.0118+0.0088i	-0.0153+0.0090i
11.3	-0.2856+0.0324i	0.6988-0.0464i	0.8209-0.0447i	-0.3692+0.0183i	-0.0166+0.0060i	-0.0342+0.0073i	-0.0146+0.0082i	-0.0178+0.0086i
11.4	-0.2999+0.0340i	0.7183-0.0451i	0.8385-0.0476i	-0.3810+0.0227i	-0.0191+0.0059i	-0.0368+0.0072i	-0.0176+0.0076i	-0.0211+0.0089i
11.5	-0.3123+0.0327i	0.7349-0.0445i	0.8524-0.0490i	-0.3903+0.0252i	-0.0209+0.0059i	-0.0387+0.0072i	-0.0200+0.0077i	-0.0239+0.0084i
11.6	-0.3261+0.0312i	0.7539-0.0420i	0.8710-0.0487i	-0.4040+0.0233i	-0.0230+0.0054i	-0.0411+0.0069i	-0.0230+0.0073i	-0.0270+0.0077i
11.7	-0.3422+0.0349i	0.7731-0.0456i	0.8889-0.0522i	-0.4171+0.0260i	-0.0254+0.0058i	-0.0436+0.0073i	-0.0259+0.0079i	-0.0306+0.0085i
11.8	-0.3582+0.0373i	0.7920-0.0505i	0.9076-0.0573i	-0.4294+0.0322i	-0.0279+0.0065i	-0.0458+0.0078i	-0.0290+0.0082i	-0.0338+0.0091i
11.9	-0.3718+0.0378i	0.8074-0.0506i	0.9246-0.0593i	-0.4421+0.0349i	-0.0299+0.0065i	-0.0480+0.0079i	-0.0314+0.0079i	-0.0369+0.0101i

12.0	-0.3893+0.0387i	0.8313-0.0511i	0.9480-0.0594i	-0.4615+0.0348i	-0.0325+0.0063i	-0.0509+0.0081i	-0.0344+0.0077i	-0.0406+0.0108i
12.1	-0.4040+0.0398i	0.8488-0.0541i	0.9701-0.0620i	-0.4792+0.0346i	-0.0348+0.0068i	-0.0529+0.0085i	-0.0370+0.0081i	-0.0440+0.0113i
12.2	-0.4227+0.0441i	0.8687-0.0610i	0.9970-0.0703i	-0.5002+0.0376i	-0.0372+0.0078i	-0.0554+0.0096i	-0.0400+0.0089i	-0.0478+0.0128i
12.3	-0.4367+0.0470i	0.8848-0.0679i	1.0188-0.0783i	-0.5166+0.0416i	-0.0390+0.0086i	-0.0577+0.0105i	-0.0421+0.0093i	-0.0504+0.0147i
12.4	-0.4535+0.0486i	0.9017-0.0725i	1.0433-0.0837i	-0.5384+0.0444i	-0.0409+0.0090i	-0.0598+0.0111i	-0.0448+0.0092i	-0.0532+0.0173i
12.5	-0.4714+0.0569i	0.9203-0.0813i	1.0687-0.0965i	-0.5655+0.0570i	-0.0431+0.0100i	-0.0619+0.0123i	-0.0477+0.0100i	-0.0550+0.0197i
12.6	-0.4870+0.0587i	0.9351-0.0830i	1.0881-0.1083i	-0.5862+0.0651i	-0.0448+0.0105i	-0.0637+0.0129i	-0.0504+0.0100i	-0.0565+0.0206i
12.7	-0.5037+0.0588i	0.9509-0.0847i	1.1109-0.1184i	-0.6079+0.0738i	-0.0465+0.0108i	-0.0653+0.0134i	-0.0531+0.0098i	-0.0581+0.0220i
12.8	-0.5240+0.0614i	0.9706-0.0891i	1.1357-0.1284i	-0.6305+0.0835i	-0.0488+0.0111i	-0.0673+0.0138i	-0.0569+0.0102i	-0.0600+0.0231i
12.9	-0.5430+0.0642i	0.9890-0.0884i	1.1522-0.1349i	-0.6474+0.0908i	-0.0507+0.0113i	-0.0693+0.0137i	-0.0608+0.0105i	-0.0610+0.0228i
13.0	-0.5652+0.0629i	1.0111-0.0871i	1.1798-0.1380i	-0.6722+0.0951i	-0.0535+0.0111i	-0.0720+0.0136i	-0.0651+0.0105i	-0.0627+0.0216i
13.1	-0.5926+0.0671i	1.0375-0.0895i	1.2120-0.1420i	-0.7010+0.1011i	-0.0568+0.0115i	-0.0754+0.0140i	-0.0698+0.0118i	-0.0670+0.0212i
13.2	-0.6177+0.0731i	1.0647-0.0952i	1.2442-0.1454i	-0.7298+0.1039i	-0.0599+0.0122i	-0.0787+0.0146i	-0.0739+0.0137i	-0.0708+0.0211i
13.3	-0.6438+0.0790i	1.0956-0.1016i	1.2873-0.1497i	-0.7672+0.1062i	-0.0632+0.0131i	-0.0823+0.0157i	-0.0781+0.0156i	-0.0758+0.0206i
13.4	-0.6678+0.0837i	1.1221-0.1082i	1.3271-0.1558i	-0.8049+0.1101i	-0.0664+0.0139i	-0.0854+0.0164i	-0.0816+0.0173i	-0.0803+0.0215i
13.5	-0.6974+0.0879i	1.1515-0.1146i	1.3748-0.1649i	-0.8475+0.1153i	-0.0698+0.0147i	-0.0891+0.0170i	-0.0856+0.0189i	-0.0845+0.0225i
13.6	-0.7292+0.0981i	1.1812-0.1263i	1.4289-0.1819i	-0.9010+0.1258i	-0.0730+0.0161i	-0.0928+0.0183i	-0.0891+0.0212i	-0.0895+0.0240i
13.7	-0.7545+0.1076i	1.2027-0.1346i	1.4774-0.1983i	-0.9518+0.1429i	-0.0757+0.0169i	-0.0957+0.0192i	-0.0915+0.0222i	-0.0942+0.0250i
13.8	-0.7887+0.1119i	1.2334-0.1383i	1.5388-0.2126i	-1.0123+0.1592i	-0.0795+0.0172i	-0.0999+0.0198i	-0.0957+0.0223i	-0.0997+0.0261i
13.9	-0.8215+0.1212i	1.2656-0.1429i	1.6023-0.2360i	-1.0738+0.1835i	-0.0834+0.0178i	-0.1039+0.0206i	-0.1004+0.0228i	-0.1052+0.0277i
14.0	-0.8599+0.1299i	1.3047-0.1482i	1.6778-0.2590i	-1.1432+0.2108i	-0.0883+0.0186i	-0.1092+0.0215i	-0.1060+0.0231i	-0.1113+0.0296i
14.1	-0.9011+0.1424i	1.3493-0.1550i	1.7588-0.2898i	-1.2201+0.2447i	-0.0937+0.0198i	-0.1151+0.0228i	-0.1125+0.0242i	-0.1189+0.0318i
14.2	-0.9387+0.1487i	1.3885-0.1596i	1.8422-0.3209i	-1.3004+0.2781i	-0.0986+0.0201i	-0.1200+0.0236i	-0.1187+0.0238i	-0.1257+0.0328i
14.3	-0.9837+0.1637i	1.4339-0.1701i	1.9398-0.3760i	-1.3869+0.3340i	-0.1038+0.0217i	-0.1258+0.0257i	-0.1256+0.0256i	-0.1329+0.0362i
14.4	-1.0380+0.1726i	1.4912-0.1730i	2.0498-0.4386i	-1.4892+0.3963i	-0.1108+0.0227i	-0.1329+0.0273i	-0.1344+0.0263i	-0.1423+0.0379i
14.5	-1.0824+0.1840i	1.5389-0.1777i	2.1485-0.5095i	-1.5759+0.4680i	-0.1165+0.0234i	-0.1388+0.0286i	-0.1415+0.0269i	-0.1498+0.0404i
14.6	-1.1510+0.2028i	1.6167-0.1925i	2.2863-0.6421i	-1.6972+0.5975i	-0.1255+0.0253i	-0.1484+0.0309i	-0.1525+0.0279i	-0.1617+0.0443i
14.7	-1.1996+0.2247i	1.6713-0.2136i	2.3600-0.7582i	-1.7596+0.7091i	-0.1319+0.0282i	-0.1550+0.0342i	-0.1607+0.0303i	-0.1694+0.0488i
14.8	-1.2678+0.2296i	1.7508-0.2175i	2.4427-0.8946i	-1.8247+0.8398i	-0.1412+0.0280i	-0.1644+0.0350i	-0.1716+0.0275i	-0.1824+0.0522i
14.9	-1.3557+0.2449i	1.8501-0.2331i	2.5236-0.9976i	-1.8857+0.9329i	-0.1531+0.0290i	-0.1762+0.0365i	-0.1887+0.0235i	-0.1965+0.0595i
15.0	-1.4367+0.2766i	1.9381-0.2746i	2.6456-1.0727i	-1.9927+0.9905i	-0.1649+0.0332i	-0.1886+0.0405i	-0.2116+0.0299i	-0.2041+0.0636i
15.1	-1.5502+0.3209i	2.0541-0.3307i	2.9070-1.2237i	-2.2367+1.1151i	-0.1814+0.0395i	-0.2060+0.0487i	-0.2346+0.0425i	-0.2255+0.0686i
15.2	-1.6381+0.3493i	2.1433-0.3626i	3.1188-1.3613i	-2.4379+1.2373i	-0.1945+0.0445i	-0.2191+0.0548i	-0.2526+0.0499i	-0.2421+0.0760i
15.3	-1.7430+0.3970i	2.2514-0.4148i	3.4110-1.6758i	-2.7143+1.5338i	-0.2087+0.0543i	-0.2340+0.0653i	-0.2731+0.0645i	-0.2591+0.0889i
15.4	-1.8618+0.4412i	2.3741-0.4602i	3.8582-2.2230i	-3.1340+2.0413i	-0.2235+0.0633i	-0.2498+0.0771i	-0.2937+0.0785i	-0.2772+0.1016i
15.5	-1.9723+0.4627i	2.4890-0.4824i	4.1160-2.9487i	-3.3791+2.7203i	-0.2368+0.0689i	-0.2627+0.0849i	-0.3119+0.0876i	-0.2937+0.1092i
15.6	-2.1252+0.4966i	2.6484-0.5233i	4.0508-3.9906i	-3.3150+3.6956i	-0.2548+0.0763i	-0.2796+0.0953i	-0.3363+0.1010i	-0.3142+0.1194i
15.7	-2.3881+0.5694i	2.9138-0.6086i	3.3393-5.2538i	-2.6478+4.8799i	-0.2849+0.0894i	-0.3065+0.1105i	-0.3752+0.1234i	-0.3497+0.1354i
15.8	-2.7160+0.6393i	3.2429-0.6892i	2.2067-6.2619i	-1.5806+5.8318i	-0.3236+0.1012i	-0.3409+0.1240i	-0.4222+0.1453i	-0.3979+0.1504i
15.9	-3.0728+0.9177i	3.6014-0.9782i	0.6564-6.5069i	-0.1158+6.0590i	-0.3647+0.1383i	-0.3781+0.1609i	-0.4685+0.1981i	-0.4512+0.1977i
16.0	-3.4555+1.3346i	3.9792-1.4080i	-0.8888-5.9322i	1.3449+5.5058i	-0.4080+0.1929i	-0.4184+0.2128i	-0.5165+0.2710i	-0.5064+0.2672i
16.1	-3.6861+1.7230i	4.2035-1.8030i	-1.6676-5.1552i	2.0775+4.7657i	-0.4330+0.2419i	-0.4425+0.2602i	-0.5427+0.3339i	-0.5367+0.3322i
16.2	-3.9260+2.2822i	4.4392-2.3671i	-2.0357-4.2112i	2.4273+3.8681i	-0.4593+0.3124i	-0.4686+0.3287i	-0.5695+0.4226i	-0.5684+0.4234i
16.3	-4.1839+2.9851i	4.6905-3.0759i	-2.0875-3.4185i	2.4808+3.1020i	-0.4882+0.4024i	-0.4979+0.4174i	-0.6007+0.5358i	-0.6046+0.5400i
16.4	-4.1809+3.7471i	4.6818-3.8465i	-1.8031-2.9810i	2.2083+2.6659i	-0.4828+0.4994i	-0.4932+0.5152i	-0.5904+0.6574i	-0.5956+0.6663i
16.5	-4.0238+4.9330i	4.5120-5.0421i	-1.5136-2.5856i	1.9146+2.2577i	-0.4536+0.6519i	-0.4636+0.6688i	-0.5460+0.8493i	-0.5531+0.8647i
16.6	-3.6121+6.0210i	4.0780-6.1325i	-1.2630-2.4947i	1.6391+2.1559i	-0.3893+0.7896i	-0.3987+0.8077i	-0.4563+1.0215i	-0.4652+1.0436i
16.7	-2.6142+7.1353i	3.0670-7.2333i	-1.1366-2.7023i	1.4865+2.3606i	-0.2459+0.9215i	-0.2531+0.9416i	-0.2660+1.1815i	-0.2729+1.2128i
16.8	-1.3633+7.7133i	1.8125-7.8127i	-1.3457-2.8841i	1.6609+2.5354i	-0.0769+0.9795i	-0.0804+1.0005i	-0.0470+1.2437i	-0.0487+1.2836i
16.9	0.2746+7.8246i	0.1591-7.9210i	-1.7410-2.6739i	1.9911+2.3484i	0.1347+0.9715i	0.1355+0.9901i	0.2208+1.2181i	0.2305+1.2660i
17.0	1.8721+7.5441i	-1.4659-7.6303i	-1.8987-2.3687i	2.0958+2.0822i	0.3367+0.9139i	0.3400+0.9286i	0.4719+1.1322i	0.4961+1.1807i
17.1	2.7143+6.9030i	-2.3068-6.9565i	-2.0348-2.3031i	2.2164+2.0718i	0.4349+0.8132i	0.4392+0.8254i	0.5890+0.9979i	0.6232+1.0402i
17.2	3.5910+6.1388i	-3.1598-6.1748i	-2.2898-1.9400i	2.4770+1.7691i	0.5241+0.6970i	0.5294+0.7057i	0.6916+0.8440i	0.7329+0.8785i
17.3	4.0960+5.0660i	-3.6701-5.1117i	-2.1443-1.4694i	2.3405+1.3310i	0.5669+0.5614i	0.5711+0.5662i	0.7353+0.6725i	0.7793+0.6990i
17.4	4.2210+4.0492i	-3.8065-4.0785i	-1.8793-1.2516i	2.0804+1.1571i	0.5679+0.4350i	0.5695+0.4379i	0.7284+0.5151i	0.7730+0.5351i
17.5	4.1680+3.5012i	-3.7475-3.5072i	-1.7922-1.2090i	2.0078+1.1490i	0.5497+0.3677i	0.5497+0.3702i	0.7003+0.4324i	0.7442+0.4480i
17.6	4.1622+2.8906i	-3.7179-2.8885i	-1.7835-1.0812i	2.0318+1.0513i	0.5337+0.2962i	0.5331+0.2975i	0.6746+0.3448i	0.7178+0.3546i
17.7	4.0384+2.3905i	-3.5768-2.3874i	-1.6637-0.9727i	1.9426+0.9508i	0.5101+0.2416i	0.5092+0.2423i	0.6418+0.2800i	0.6834+0.2864i
17.8	3.8746+1.9469i	-3.4018-1.9419i	-1.5657-0.9221i	1.8678+0.9040i	0.4845+0.1948i	0.4824+0.1955i	0.6070+0.2250i	0.6475+0.2289i
17.9	3.7254+1.6718i	-3.2481-1.6722i	-1.5318-0.9071i	1.8512+0.8892i	0.4643+0.1669i	0.4616+0.1673i	0.5806+0.1926i	0.6205+0.1946i
18.0	3.5327+1.3626i	-3.0507-1.3653i	-1.5167-0.8467i	1.8498+0.8323i	0.4391+0.1361i	0.4359+0.1356i	0.5484+0.1567i	0.5869+0.1564i
18.1	3.3524+1.1350i	-2.8639-1.1408i	-1.5043-0.7703i	1.8464+0.7632i	0.4171+0.1128i	0.4134+0.1116i	0.5210+0.1295i	0.5583+0.1272i
18.2	3.1230+0.9266i	-2.6289-0.9311i	-1.4415-0.6783i	1.7961+0.6787i	0.3898+0.0913i	0.3851+0.0901i	0.4875+0.1044i	0.5222+0.1014i

18.3	2.9574+0.8090i	-2.4547-0.8110i	-1.3883-0.6230i	1.7591+0.6268i	0.3700+0.0794i	0.3647+0.0779i	0.4627+0.0905i	0.4962+0.0870i
18.4	2.8258+0.7074i	-2.3138-0.7132i	-1.3336-0.5690i	1.7202+0.5742i	0.3543+0.0686i	0.3484+0.0672i	0.4432+0.0783i	0.4759+0.0736i
18.5	2.7075+0.6459i	-2.1831-0.6543i	-1.2640-0.5342i	1.6731+0.5402i	0.3405+0.0623i	0.3343+0.0611i	0.4267+0.0712i	0.4589+0.0663i
18.6	2.6172+0.5348i	-2.0710-0.5703i	-1.2000-0.5368i	1.6396+0.5187i	0.3282+0.0526i	0.3220+0.0511i	0.4111+0.0597i	0.4429+0.0545i
18.7	2.5051+0.4386i	-1.9699-0.4964i	-1.2039-0.5494i	1.6328+0.5072i	0.3169+0.0442i	0.3103+0.0423i	0.3977+0.0500i	0.4283+0.0438i
18.8	2.3591+0.3570i	-1.8422-0.4187i	-1.2202-0.5053i	1.6377+0.4555i	0.3028+0.0355i	0.2954+0.0335i	0.3808+0.0393i	0.4099+0.0329i
18.9	2.2444+0.3170i	-1.7342-0.3758i	-1.2000-0.4481i	1.6124+0.3994i	0.2908+0.0307i	0.2830+0.0288i	0.3662+0.0335i	0.3947+0.0271i
19.0	2.1550+0.3028i	-1.6476-0.3591i	-1.1730-0.4007i	1.5830+0.3562i	0.2815+0.0285i	0.2735+0.0269i	0.3551+0.0304i	0.3840+0.0248i
19.1	2.0749+0.2759i	-1.5676-0.3334i	-1.1403-0.3568i	1.5479+0.3141i	0.2730+0.0249i	0.2647+0.0232i	0.3447+0.0255i	0.3734+0.0205i
19.2	2.0019+0.2440i	-1.4978-0.3018i	-1.1041-0.3180i	1.5117+0.2756i	0.2658+0.0209i	0.2570+0.0188i	0.3356+0.0196i	0.3643+0.0160i
19.3	1.9296+0.2248i	-1.4278-0.2819i	-1.0654-0.2861i	1.4724+0.2467i	0.2583+0.0176i	0.2492+0.0158i	0.3258+0.0151i	0.3556+0.0124i
19.4	1.8611+0.2057i	-1.3634-0.2613i	-1.0245-0.2577i	1.4340+0.2228i	0.2517+0.0144i	0.2426+0.0125i	0.3169+0.0107i	0.3481+0.0078i
19.5	1.8163+0.1889i	-1.3219-0.2437i	-0.9984-0.2322i	1.4097+0.2025i	0.2470+0.0111i	0.2377+0.0091i	0.3110+0.0063i	0.3422+0.0032i
19.6	1.7616+0.1827i	-1.2655-0.2362i	-0.9676-0.2208i	1.3804+0.1922i	0.2410+0.0098i	0.2316+0.0079i	0.3026+0.0042i	0.3363+0.0006i
19.7	1.7007+0.1802i	-1.2020-0.2270i	-0.9273-0.2042i	1.3433+0.1811i	0.2347+0.0063i	0.2251+0.0046i	0.2936-0.0001i	0.3292-0.0047i
19.8	1.6688+0.1724i	-1.1677-0.2175i	-0.8996-0.1918i	1.3203+0.1748i	0.2301+0.0033i	0.2206+0.0017i	0.2871-0.0040i	0.3246-0.0098i
19.9	1.6293+0.1699i	-1.1240-0.2108i	-0.8732-0.1813i	1.3018+0.1675i	0.2249+0.0003i	0.2150-0.0009i	0.2793-0.0076i	0.3196-0.0152i
20.0	1.5953+0.1654i	-1.0827-0.2046i	-0.8470-0.1720i	1.2841+0.1560i	0.2203-0.0026i	0.2101-0.0040i	0.2719-0.0111i	0.3142-0.0210i
20.1	1.5706+0.1538i	-1.0493-0.1964i	-0.8233-0.1585i	1.2694+0.1406i	0.2148-0.0057i	0.2049-0.0069i	0.2633-0.0142i	0.3075-0.0262i
20.2	1.5424+0.1337i	-1.0153-0.1875i	-0.8013-0.1451i	1.2509+0.1234i	0.2102-0.0094i	0.2008-0.0108i	0.2567-0.0175i	0.3027-0.0330i
20.3	1.5161+0.1268i	-0.9906-0.1856i	-0.7800-0.1414i	1.2306+0.1177i	0.2051-0.0106i	0.1958-0.0123i	0.2493-0.0178i	0.2963-0.0368i
20.4	1.4861+0.1151i	-0.9644-0.1753i	-0.7608-0.1309i	1.2110+0.1055i	0.1996-0.0133i	0.1904-0.0151i	0.2409-0.0197i	0.2894-0.0432i
20.5	1.4623+0.1129i	-0.9409-0.1740i	-0.7431-0.1231i	1.1940+0.0982i	0.1951-0.0157i	0.1860-0.0175i	0.2342-0.0206i	0.2836-0.0495i
20.6	1.4420+0.1053i	-0.9193-0.1692i	-0.7229-0.1163i	1.1797+0.0947i	0.1907-0.0165i	0.1813-0.0188i	0.2281-0.0195i	0.2764-0.0535i
20.7	1.4199+0.0909i	-0.8967-0.1591i	-0.7029-0.1051i	1.1652+0.0861i	0.1843-0.0175i	0.1751-0.0205i	0.2203-0.0183i	0.2666-0.0582i
20.8	1.3974+0.0811i	-0.8754-0.1542i	-0.6871-0.1029i	1.1493+0.0839i	0.1778-0.0179i	0.1682-0.0211i	0.2129-0.0163i	0.2560-0.0617i
20.9	1.3802+0.0794i	-0.8613-0.1500i	-0.6772-0.0975i	1.1443+0.0753i	0.1735-0.0173i	0.1637-0.0207i	0.2092-0.0131i	0.2471-0.0628i
21.0	1.3608+0.0692i	-0.8420-0.1411i	-0.6622-0.0901i	1.1339+0.0651i	0.1691-0.0174i	0.1591-0.0208i	0.2046-0.0099i	0.2374-0.0650i
21.1	1.3444+0.0604i	-0.8204-0.1360i	-0.6498-0.0870i	1.1258+0.0588i	0.1653-0.0160i	0.1552-0.0196i	0.2005-0.0068i	0.2306-0.0637i
21.2	1.3251+0.0504i	-0.8027-0.1294i	-0.6334-0.0800i	1.1121+0.0467i	0.1611-0.0144i	0.1507-0.0185i	0.1979-0.0039i	0.2212-0.0613i
21.3	1.3047+0.0460i	-0.7852-0.1293i	-0.6181-0.0806i	1.0976+0.0402i	0.1580-0.0125i	0.1475-0.0161i	0.1979-0.0005i	0.2122-0.0571i
21.4	1.2850+0.0359i	-0.7678-0.1222i	-0.6068-0.0748i	1.0841+0.0306i	0.1555-0.0113i	0.1451-0.0150i	0.1980+0.0016i	0.2061-0.0551i
21.5	1.2686+0.0297i	-0.7554-0.1159i	-0.5976-0.0697i	1.0744+0.0255i	0.1531-0.0100i	0.1424-0.0140i	0.1968+0.0028i	0.1999-0.0521i
21.6	1.2548+0.0276i	-0.7413-0.1143i	-0.5883-0.0672i	1.0655+0.0227i	0.1521-0.0085i	0.1410-0.0129i	0.1984+0.0041i	0.1956-0.0488i
21.7	1.2352+0.0207i	-0.7255-0.1084i	-0.5812-0.0601i	1.0525+0.0135i	0.1499-0.0074i	0.1388-0.0118i	0.1975+0.0042i	0.1918-0.0445i
21.8	1.2154+0.0153i	-0.7064-0.1047i	-0.5704-0.0573i	1.0434+0.0093i	0.1472-0.0068i	0.1362-0.0114i	0.1953+0.0039i	0.1868-0.0410i
21.9	1.1993+0.0113i	-0.6930-0.1000i	-0.5612-0.0489i	1.0341+0.0037i	0.1457-0.0059i	0.1343-0.0108i	0.1939+0.0035i	0.1842-0.0379i
22.0	1.1877+0.0064i	-0.6803-0.0965i	-0.5575-0.0404i	1.0247-0.0035i	0.1448-0.0052i	0.1333-0.0103i	0.1937+0.0024i	0.1833-0.0343i
22.1	1.1712+0.0062i	-0.6653-0.0933i	-0.5478-0.0373i	1.0132-0.0074i	0.1436-0.0039i	0.1320-0.0088i	0.1930+0.0028i	0.1826-0.0304i
22.2	1.1616+0.0031i	-0.6592-0.0941i	-0.5431-0.0311i	1.0080-0.0120i	0.1432-0.0026i	0.1317-0.0077i	0.1936+0.0033i	0.1821-0.0283i
22.3	1.1484+0.0001i	-0.6475-0.0936i	-0.5366-0.0181i	0.9987-0.0207i	0.1424-0.0010i	0.1306-0.0071i	0.1921+0.0035i	0.1821-0.0254i
22.4	1.1352-0.0007i	-0.6356-0.0904i	-0.5298-0.0049i	0.9909-0.0249i	0.1418-0.0002i	0.1302-0.0066i	0.1920+0.0031i	0.1820-0.0229i
22.5	1.1251-0.0026i	-0.6252-0.0857i	-0.5217+0.0078i	0.9827-0.0325i	0.1412+0.0002i	0.1289-0.0067i	0.1907+0.0020i	0.1819-0.0209i
22.6	1.1129-0.0047i	-0.6179-0.0852i	-0.5069+0.0213i	0.9729-0.0429i	0.1414+0.0011i	0.1282-0.0067i	0.1895+0.0016i	0.1830-0.0194i
22.7	1.1012-0.0079i	-0.6106-0.0824i	-0.4859+0.0348i	0.9585-0.0542i	0.1411+0.0019i	0.1273-0.0061i	0.1875+0.0023i	0.1834-0.0192i
22.8	1.0900-0.0057i	-0.6038-0.0830i	-0.4643+0.0404i	0.9416-0.0563i	0.1412+0.0026i	0.1262-0.0052i	0.1864+0.0033i	0.1827-0.0195i
22.9	1.0791-0.0054i	-0.5968-0.0804i	-0.4410+0.0452i	0.9263-0.0564i	0.1413+0.0030i	0.1252-0.0049i	0.1856+0.0040i	0.1821-0.0191i
23.0	1.0687-0.0055i	-0.5915-0.0726i	-0.4165+0.0392i	0.9088-0.0527i	0.1419+0.0038i	0.1248-0.0032i	0.1860+0.0064i	0.1822-0.0174i
23.1	1.0625-0.0062i	-0.5873-0.0648i	-0.3993+0.0340i	0.8942-0.0489i	0.1428+0.0032i	0.1247-0.0027i	0.1867+0.0073i	0.1833-0.0178i
23.2	1.0524-0.0014i	-0.5757-0.0595i	-0.3804+0.0260i	0.8823-0.0386i	0.1430+0.0028i	0.1241-0.0023i	0.1865+0.0068i	0.1831-0.0171i
23.3	1.0496-0.0006i	-0.5658-0.0583i	-0.3742+0.0183i	0.8844-0.0306i	0.1428+0.0024i	0.1245-0.0016i	0.1868+0.0062i	0.1830-0.0164i
23.4	1.0442-0.0014i	-0.5575-0.0522i	-0.3681+0.0084i	0.8824-0.0250i	0.1434+0.0019i	0.1249-0.0011i	0.1883+0.0071i	0.1841-0.0166i
23.5	1.0432-0.0019i	-0.5485-0.0475i	-0.3641+0.0032i	0.8809-0.0187i	0.1438+0.0015i	0.1251-0.0011i	0.1889+0.0068i	0.1839-0.0153i
23.6	1.0403-0.0054i	-0.5394-0.0422i	-0.3599-0.0013i	0.8797-0.0158i	0.1435+0.0012i	0.1254-0.0014i	0.1891+0.0069i	0.1831-0.0154i
23.7	1.0383-0.0063i	-0.5337-0.0392i	-0.3608-0.0051i	0.8815-0.0169i	0.1437+0.0007i	0.1260-0.0022i	0.1907+0.0065i	0.1835-0.0156i
23.8	1.0356-0.0080i	-0.5259-0.0379i	-0.3586-0.0113i	0.8822-0.0178i	0.1435+0.0007i	0.1265-0.0018i	0.1914+0.0056i	0.1841-0.0156i
23.9	1.0314-0.0092i	-0.5172-0.0398i	-0.3571-0.0136i	0.8818-0.0160i	0.1433+0.0005i	0.1264-0.0016i	0.1917+0.0059i	0.1848-0.0153i
24.0	1.0275-0.0102i	-0.5114-0.0386i	-0.3571-0.0144i	0.8818-0.0143i	0.1434+0.0002i	0.1265-0.0013i	0.1926+0.0061i	0.1857-0.0150i
24.1	1.0226-0.0143i	-0.5033-0.0358i	-0.3569-0.0145i	0.8833-0.0167i	0.1432-0.0003i	0.1267-0.0019i	0.1922+0.0050i	0.1868-0.0153i
24.2	1.0182-0.0143i	-0.4986-0.0355i	-0.3581-0.0136i	0.8849-0.0180i	0.1431-0.0007i	0.1264-0.0026i	0.1919+0.0042i	0.1870-0.0145i
24.3	1.0148-0.0164i	-0.4877-0.0301i	-0.3567-0.0091i	0.8847-0.0184i	0.1434-0.0006i	0.1267-0.0028i	0.1925+0.0042i	0.1876-0.0160i
24.4	1.0131-0.0183i	-0.4841-0.0283i	-0.3566-0.0061i	0.8873-0.0204i	0.1437-0.0013i	0.1274-0.0036i	0.1938+0.0031i	0.1879-0.0171i
24.5	1.0123-0.0200i	-0.4790-0.0266i	-0.3569-0.0055i	0.8929-0.0223i	0.1438-0.0016i	0.1275-0.0037i	0.1942+0.0028i	0.1883-0.0180i

24.6	1.0093-0.0209i	-0.4713-0.0250i	-0.3533-0.0034i	0.8950-0.0245i	0.1435-0.0017i	0.1274-0.0040i	0.1942+0.0018i	0.1896-0.0174i
24.7	1.0109-0.0220i	-0.4684-0.0245i	-0.3522-0.0038i	0.8996-0.0274i	0.1439-0.0023i	0.1280-0.0045i	0.1953+0.0012i	0.1902-0.0174i
24.8	1.0071-0.0255i	-0.4624-0.0265i	-0.3525-0.0027i	0.9031-0.0275i	0.1442-0.0028i	0.1282-0.0048i	0.1956+0.0015i	0.1910-0.0176i
24.9	1.0052-0.0266i	-0.4506-0.0295i	-0.3488-0.0014i	0.9046-0.0331i	0.1444-0.0032i	0.1289-0.0052i	0.1962+0.0007i	0.1928-0.0185i
25.0	1.0092-0.0314i	-0.4448-0.0237i	-0.3503+0.0052i	0.9074-0.0410i	0.1450-0.0038i	0.1299-0.0062i	0.1975-0.0006i	0.1944-0.0205i
25.1	1.0084-0.0368i	-0.4419-0.0247i	-0.3506+0.0063i	0.9112-0.0487i	0.1451-0.0045i	0.1297-0.0070i	0.1976-0.0017i	0.1951-0.0223i
25.2	1.0052-0.0413i	-0.4371-0.0246i	-0.3498+0.0121i	0.9150-0.0580i	0.1449-0.0051i	0.1299-0.0075i	0.1976-0.0029i	0.1960-0.0234i
25.3	1.0031-0.0429i	-0.4334-0.0283i	-0.3499+0.0156i	0.9182-0.0615i	0.1449-0.0054i	0.1294-0.0082i	0.1979-0.0031i	0.1952-0.0239i
25.4	1.0010-0.0451i	-0.4314-0.0322i	-0.3487+0.0217i	0.9224-0.0705i	0.1450-0.0054i	0.1289-0.0089i	0.1981-0.0036i	0.1960-0.0253i
25.5	0.9991-0.0496i	-0.4225-0.0346i	-0.3482+0.0259i	0.9261-0.0819i	0.1444-0.0064i	0.1288-0.0102i	0.1972-0.0041i	0.1961-0.0270i
25.6	0.9942-0.0504i	-0.4172-0.0435i	-0.3450+0.0308i	0.9281-0.0922i	0.1447-0.0061i	0.1286-0.0106i	0.1976-0.0038i	0.1963-0.0275i
25.7	0.9959-0.0546i	-0.4210-0.0530i	-0.3502+0.0350i	0.9307-0.1051i	0.1445-0.0056i	0.1284-0.0102i	0.1976-0.0027i	0.1968-0.0277i
25.8	1.0002-0.0577i	-0.4249-0.0616i	-0.3524+0.0366i	0.9303-0.1178i	0.1453-0.0048i	0.1286-0.0098i	0.1989-0.0010i	0.1981-0.0280i
25.9	0.9967-0.0637i	-0.4305-0.0661i	-0.3515+0.0490i	0.9250-0.1319i	0.1470-0.0051i	0.1295-0.0110i	0.2014-0.0016i	0.2000-0.0297i
26.0	0.9994-0.0691i	-0.4397-0.0679i	-0.3516+0.0563i	0.9260-0.1435i	0.1479-0.0062i	0.1300-0.0122i	0.2030-0.0029i	0.2010-0.0330i
26.1	1.0034-0.0763i	-0.4426-0.0711i	-0.3505+0.0633i	0.9222-0.1587i	0.1484-0.0068i	0.1296-0.0130i	0.2042-0.0029i	0.2004-0.0359i
26.2	1.0026-0.0867i	-0.4597-0.0705i	-0.3498+0.0774i	0.9087-0.1753i	0.1491-0.0087i	0.1296-0.0148i	0.2067-0.0050i	0.1991-0.0399i
26.3	0.9970-0.0881i	-0.4769-0.0622i	-0.3462+0.0904i	0.8966-0.1848i	0.1488-0.0094i	0.1283-0.0152i	0.2074-0.0058i	0.1961-0.0422i
26.4	0.9907-0.0892i	-0.4849-0.0559i	-0.3447+0.1002i	0.8852-0.1918i	0.1483-0.0097i	0.1268-0.0155i	0.2069-0.0064i	0.1929-0.0420i
26.5	0.9872-0.0907i	-0.4932-0.0453i	-0.3431+0.1137i	0.8721-0.1950i	0.1481-0.0098i	0.1260-0.0149i	0.2074-0.0065i	0.1909-0.0407i
26.6	0.9864-0.0900i	-0.5006-0.0346i	-0.3386+0.1231i	0.8693-0.1959i	0.1477-0.0088i	0.1249-0.0136i	0.2080-0.0056i	0.1882-0.0380i
26.7	0.9902-0.0855i	-0.5050-0.0239i	-0.3331+0.1377i	0.8703-0.1980i	0.1484-0.0074i	0.1252-0.0118i	0.2098-0.0042i	0.1883-0.0355i
26.8	0.9951-0.0876i	-0.5081-0.0124i	-0.3265+0.1494i	0.8675-0.2039i	0.1499-0.0073i	0.1266-0.0111i	0.2132-0.0041i	0.1897-0.0359i
26.9	0.9970-0.0925i	-0.5130-0.0033i	-0.3210+0.1563i	0.8639-0.2097i	0.1510-0.0074i	0.1271-0.0108i	0.2152-0.0042i	0.1905-0.0354i
27.0	1.0053-0.1005i	-0.5208+0.0141i	-0.3144+0.1742i	0.8583-0.2191i	0.1521-0.0079i	0.1278-0.0107i	0.2177-0.0049i	0.1911-0.0346i
27.1	1.0080-0.1060i	-0.5226+0.0322i	-0.3067+0.1934i	0.8526-0.2280i	0.1536-0.0084i	0.1286-0.0102i	0.2203-0.0048i	0.1918-0.0343i
27.2	1.0120-0.1098i	-0.5212+0.0516i	-0.2922+0.2155i	0.8494-0.2385i	0.1553-0.0087i	0.1297-0.0093i	0.2239-0.0063i	0.1924-0.0334i
27.3	1.0178-0.1150i	-0.5204+0.0671i	-0.2718+0.2366i	0.8421-0.2566i	0.1567-0.0086i	0.1313-0.0089i	0.2275-0.0076i	0.1930-0.0331i
27.4	1.0237-0.1218i	-0.5191+0.0827i	-0.2459+0.2491i	0.8290-0.2691i	0.1585-0.0089i	0.1329-0.0084i	0.2317-0.0082i	0.1953-0.0325i
27.5	1.0295-0.1293i	-0.5151+0.1026i	-0.2134+0.2642i	0.8110-0.2757i	0.1606-0.0094i	0.1353-0.0074i	0.2363-0.0099i	0.1973-0.0289i
27.6	1.0352-0.1390i	-0.5078+0.1203i	-0.1791+0.2746i	0.7920-0.2820i	0.1624-0.0101i	0.1368-0.0071i	0.2394-0.0125i	0.1987-0.0272i
27.7	1.0393-0.1506i	-0.4977+0.1344i	-0.1396+0.2704i	0.7702-0.2816i	0.1652-0.0109i	0.1394-0.0067i	0.2437-0.0159i	0.2022-0.0251i
27.8	1.0423-0.1598i	-0.4866+0.1455i	-0.1059+0.2590i	0.7518-0.2743i	0.1678-0.0122i	0.1429-0.0069i	0.2468-0.0200i	0.2072-0.0244i
27.9	1.0403-0.1686i	-0.4718+0.1542i	-0.0756+0.2393i	0.7370-0.2631i	0.1701-0.0136i	0.1460-0.0083i	0.2494-0.0239i	0.2127-0.0247i
28.0	1.0440-0.1783i	-0.4610+0.1554i	-0.0552+0.2165i	0.7280-0.2541i	0.1726-0.0155i	0.1488-0.0099i	0.2517-0.0278i	0.2171-0.0255i
28.1	1.0529-0.1919i	-0.4582+0.1526i	-0.0352+0.1898i	0.7188-0.2499i	0.1751-0.0176i	0.1517-0.0117i	0.2537-0.0317i	0.2225-0.0271i
28.2	1.0560-0.2113i	-0.4633+0.1649i	-0.0276+0.1564i	0.7079-0.2358i	0.1782-0.0203i	0.1548-0.0135i	0.2561-0.0353i	0.2298-0.0301i
28.3	1.0530-0.2298i	-0.4603+0.1851i	-0.0256+0.1332i	0.7030-0.2197i	0.1807-0.0248i	0.1583-0.0169i	0.2595-0.0408i	0.2365-0.0373i
28.4	1.0487-0.2360i	-0.4478+0.1986i	-0.0224+0.1209i	0.7038-0.2051i	0.1814-0.0281i	0.1599-0.0204i	0.2603-0.0447i	0.2388-0.0426i
28.5	1.0496-0.2453i	-0.4377+0.2047i	-0.0234+0.1039i	0.7137-0.1912i	0.1824-0.0311i	0.1608-0.0241i	0.2616-0.0486i	0.2406-0.0481i
28.6	1.0591-0.2590i	-0.4310+0.2082i	-0.0234+0.0777i	0.7273-0.1795i	0.1837-0.0349i	0.1624-0.0278i	0.2642-0.0526i	0.2433-0.0544i
28.7	1.0619-0.2766i	-0.4312+0.2244i	-0.0225+0.0635i	0.7343-0.1734i	0.1849-0.0394i	0.1646-0.0313i	0.2664-0.0579i	0.2453-0.0616i
28.8	1.0562-0.2977i	-0.4182+0.2425i	-0.0312+0.0489i	0.7442-0.1728i	0.1849-0.0437i	0.1644-0.0347i	0.2665-0.0628i	0.2449-0.0685i
28.9	1.0475-0.3185i	-0.4051+0.2569i	-0.0375+0.0356i	0.7525-0.1713i	0.1839-0.0479i	0.1639-0.0385i	0.2665-0.0683i	0.2433-0.0746i
29.0	1.0444-0.3352i	-0.3941+0.2688i	-0.0457+0.0224i	0.7606-0.1715i	0.1824-0.0514i	0.1632-0.0413i	0.2659-0.0736i	0.2402-0.0800i
29.1	1.0431-0.3570i	-0.3802+0.2815i	-0.0518+0.0117i	0.7688-0.1712i	0.1822-0.0549i	0.1632-0.0445i	0.2663-0.0785i	0.2382-0.0855i
29.2	1.0333-0.3744i	-0.3625+0.2960i	-0.0570+0.0010i	0.7781-0.1775i	0.1805-0.0588i	0.1621-0.0480i	0.2660-0.0835i	0.2355-0.0905i
29.3	1.0179-0.3900i	-0.3420+0.3053i	-0.0708-0.0046i	0.7885-0.1840i	0.1784-0.0618i	0.1620-0.0506i	0.2652-0.0880i	0.2330-0.0935i
29.4	1.0077-0.4097i	-0.3192+0.3130i	-0.0832-0.0117i	0.7969-0.1922i	0.1776-0.0646i	0.1627-0.0532i	0.2657-0.0928i	0.2319-0.0971i
29.5	0.9890-0.4243i	-0.2979+0.3159i	-0.0977-0.0131i	0.8014-0.2012i	0.1748-0.0663i	0.1609-0.0553i	0.2636-0.0969i	0.2288-0.0981i
29.6	0.9688-0.4327i	-0.2752+0.3163i	-0.1068-0.0194i	0.8054-0.2058i	0.1725-0.0679i	0.1591-0.0572i	0.2624-0.0999i	0.2247-0.1006i
29.7	0.9553-0.4411i	-0.2561+0.3097i	-0.1205-0.0226i	0.8149-0.2135i	0.1708-0.0695i	0.1586-0.0593i	0.2620-0.1035i	0.2217-0.1032i
29.8	0.9407-0.4537i	-0.2345+0.3019i	-0.1314-0.0248i	0.8218-0.2215i	0.1689-0.0714i	0.1577-0.0609i	0.2607-0.1070i	0.2194-0.1047i
29.9	0.9266-0.4657i	-0.2176+0.2981i	-0.1432-0.0284i	0.8273-0.2345i	0.1674-0.0737i	0.1571-0.0633i	0.2613-0.1120i	0.2167-0.1070i
30.0	0.9061-0.4675i	-0.2010+0.2868i	-0.1579-0.0265i	0.8302-0.2457i	0.1656-0.0752i	0.1557-0.0657i	0.2598-0.1168i	0.2129-0.1087i
30.1	0.8851-0.4723i	-0.1870+0.2776i	-0.1716-0.0233i	0.8307-0.2568i	0.1636-0.0771i	0.1543-0.0681i	0.2579-0.1218i	0.2093-0.1106i
30.2	0.8672-0.4660i	-0.1732+0.2685i	-0.1846-0.0201i	0.8298-0.2644i	0.1609-0.0773i	0.1522-0.0698i	0.2546-0.1247i	0.2046-0.1100i
30.3	0.8500-0.4592i	-0.1615+0.2543i	-0.1953-0.0073i	0.8293-0.2749i	0.1574-0.0775i	0.1496-0.0712i	0.2509-0.1282i	0.1986-0.1084i
30.4	0.8419-0.4583i	-0.1567+0.2386i	-0.2053+0.0055i	0.8296-0.2850i	0.1553-0.0777i	0.1476-0.0718i	0.2493-0.1323i	0.1943-0.1058i
30.5	0.8356-0.4581i	-0.1618+0.2287i	-0.2204+0.0073i	0.8310-0.2925i	0.1538-0.0765i	0.1461-0.0712i	0.2471-0.1342i	0.1927-0.1000i
30.6	0.8185-0.4629i	-0.1561+0.2291i	-0.2362+0.0093i	0.8303-0.3023i	0.1533-0.0759i	0.1457-0.0708i	0.2455-0.1355i	0.1945-0.0970i
30.7	0.8036-0.4616i	-0.1484+0.2283i	-0.2468+0.0231i	0.8265-0.3149i	0.1523-0.0762i	0.1452-0.0713i	0.2444-0.1390i	0.1937-0.0955i
30.8	0.7882-0.4560i	-0.1393+0.2177i	-0.2600+0.0372i	0.8323-0.3244i	0.1510-0.0756i	0.1443-0.0720i	0.2421-0.1416i	0.1926-0.0942i

30.9	0.7779-0.4529i	-0.1326+0.2110i	-0.2737+0.0542i	0.8370-0.3345i	0.1504-0.0762i	0.1441-0.0732i	0.2421-0.1449i	0.1910-0.0936i
31.0	0.7675-0.4451i	-0.1259+0.2065i	-0.2876+0.0729i	0.8394-0.3439i	0.1491-0.0768i	0.1431-0.0741i	0.2414-0.1502i	0.1893-0.0919i
31.1	0.7596-0.4330i	-0.1227+0.1923i	-0.2915+0.1017i	0.8396-0.3649i	0.1466-0.0759i	0.1404-0.0745i	0.2364-0.1538i	0.1878-0.0866i
31.2	0.7542-0.4254i	-0.1229+0.1791i	-0.2939+0.1185i	0.8323-0.3823i	0.1450-0.0740i	0.1392-0.0728i	0.2327-0.1552i	0.1879-0.0806i
31.3	0.7491-0.4084i	-0.1242+0.1709i	-0.2961+0.1381i	0.8310-0.3911i	0.1451-0.0712i	0.1388-0.0710i	0.2297-0.1550i	0.1896-0.0737i
31.4	0.7486-0.3983i	-0.1261+0.1623i	-0.2988+0.1634i	0.8312-0.4085i	0.1449-0.0694i	0.1386-0.0700i	0.2272-0.1568i	0.1918-0.0671i
31.5	0.7497-0.3939i	-0.1312+0.1526i	-0.2987+0.1890i	0.8296-0.4283i	0.1449-0.0678i	0.1383-0.0688i	0.2233-0.1598i	0.1956-0.0597i
31.6	0.7489-0.3873i	-0.1314+0.1476i	-0.2901+0.2142i	0.8136-0.4474i	0.1469-0.0649i	0.1404-0.0675i	0.2218-0.1592i	0.2036-0.0548i
31.7	0.7521-0.3792i	-0.1442+0.1382i	-0.2837+0.2430i	0.8068-0.4657i	0.1496-0.0625i	0.1430-0.0650i	0.2206-0.1592i	0.2139-0.0482i
31.8	0.7531-0.3702i	-0.1511+0.1335i	-0.2751+0.2592i	0.7977-0.4752i	0.1514-0.0615i	0.1447-0.0644i	0.2197-0.1586i	0.2215-0.0463i
31.9	0.7594-0.3667i	-0.1582+0.1348i	-0.2645+0.2895i	0.7842-0.4924i	0.1533-0.0611i	0.1467-0.0656i	0.2166-0.1607i	0.2297-0.0456i
32.0	0.7668-0.3661i	-0.1645+0.1334i	-0.2586+0.3162i	0.7770-0.5073i	0.1561-0.0602i	0.1494-0.0653i	0.2171-0.1652i	0.2381-0.0407i
32.1	0.7701-0.3628i	-0.1698+0.1348i	-0.2361+0.3496i	0.7501-0.5266i	0.1598-0.0592i	0.1524-0.0651i	0.2110-0.1639i	0.2545-0.0417i
32.2	0.7737-0.3499i	-0.1742+0.1347i	-0.2170+0.3656i	0.7329-0.5265i	0.1625-0.0585i	0.1545-0.0652i	0.2075-0.1593i	0.2661-0.0457i
32.3	0.7830-0.3483i	-0.1818+0.1381i	-0.1836+0.4008i	0.7186-0.5443i	0.1660-0.0593i	0.1576-0.0665i	0.2045-0.1628i	0.2798-0.0460i
32.4	0.7973-0.3395i	-0.1814+0.1431i	-0.1490+0.4305i	0.6991-0.5552i	0.1697-0.0582i	0.1609-0.0658i	0.2028-0.1603i	0.2925-0.0484i
32.5	0.8241-0.3346i	-0.1873+0.1420i	-0.1140+0.4318i	0.6807-0.5478i	0.1740-0.0584i	0.1652-0.0666i	0.2079-0.1501i	0.3003-0.0601i
32.6	0.8349-0.3270i	-0.1885+0.1389i	-0.0698+0.4340i	0.6538-0.5402i	0.1778-0.0581i	0.1687-0.0669i	0.2098-0.1427i	0.3072-0.0659i
32.7	0.8532-0.3326i	-0.1944+0.1391i	-0.0304+0.4353i	0.6363-0.5364i	0.1814-0.0597i	0.1719-0.0688i	0.2127-0.1400i	0.3138-0.0755i
32.8	0.8766-0.3414i	-0.2026+0.1423i	0.0123+0.4377i	0.6182-0.5382i	0.1856-0.0621i	0.1755-0.0717i	0.2177-0.1395i	0.3211-0.0846i
32.9	0.9099-0.3449i	-0.2170+0.1450i	0.0503+0.4262i	0.6007-0.5340i	0.1924-0.0624i	0.1814-0.0721i	0.2272-0.1358i	0.3294-0.0909i
33.0	0.9470-0.3570i	-0.2293+0.1469i	0.0731+0.4119i	0.6018-0.5198i	0.1997-0.0631i	0.1884-0.0738i	0.2395-0.1357i	0.3392-0.0960i
33.1	0.9788-0.3932i	-0.2422+0.1593i	0.1114+0.3900i	0.6045-0.5154i	0.2079-0.0679i	0.1954-0.0797i	0.2526-0.1409i	0.3498-0.1074i
33.2	1.0039-0.4281i	-0.2514+0.1711i	0.1431+0.3748i	0.5943-0.5178i	0.2152-0.0728i	0.2029-0.0848i	0.2633-0.1457i	0.3605-0.1177i
33.3	1.0145-0.4711i	-0.2589+0.1913i	0.1582+0.3533i	0.5896-0.5258i	0.2206-0.0815i	0.2082-0.0941i	0.2711-0.1584i	0.3686-0.1337i
33.4	1.0161-0.5225i	-0.2611+0.2124i	0.1736+0.3186i	0.5802-0.5190i	0.2265-0.0918i	0.2133-0.1044i	0.2785-0.1729i	0.3776-0.1518i
33.5	1.0106-0.5744i	-0.2603+0.2350i	0.1868+0.2904i	0.5745-0.5189i	0.2285-0.1041i	0.2148-0.1172i	0.2823-0.1889i	0.3795-0.1729i
33.6	0.9795-0.6156i	-0.2484+0.2541i	0.1904+0.2577i	0.5627-0.5154i	0.2262-0.1129i	0.2109-0.1260i	0.2771-0.2007i	0.3724-0.1864i
33.7	0.9437-0.6457i	-0.2303+0.2701i	0.1780+0.2233i	0.5583-0.5079i	0.2208-0.1207i	0.2042-0.1329i	0.2668-0.2105i	0.3630-0.1997i
33.8	0.9078-0.6573i	-0.2095+0.2721i	0.1473+0.2114i	0.5687-0.5071i	0.2143-0.1237i	0.1978-0.1362i	0.2613-0.2148i	0.3500-0.2048i
33.9	0.8869-0.6727i	-0.1986+0.2702i	0.1293+0.2257i	0.5777-0.5281i	0.2110-0.1259i	0.1941-0.1399i	0.2588-0.2204i	0.3424-0.2089i
34.0	0.8823-0.6912i	-0.1957+0.2698i	0.1204+0.2446i	0.5841-0.5489i	0.2104-0.1269i	0.1931-0.1421i	0.2578-0.2257i	0.3407-0.2084i
34.1	0.8611-0.6935i	-0.1937+0.2697i	0.1258+0.2710i	0.5622-0.5676i	0.2108-0.1275i	0.1933-0.1434i	0.2578-0.2271i	0.3426-0.2089i
34.2	0.8479-0.7027i	-0.1918+0.2720i	0.1593+0.2894i	0.5230-0.5904i	0.2136-0.1304i	0.1941-0.1462i	0.2595-0.2321i	0.3453-0.2137i
34.3	0.8590-0.6992i	-0.2010+0.2798i	0.2051+0.2997i	0.4863-0.5805i	0.2215-0.1330i	0.2019-0.1504i	0.2690-0.2384i	0.3589-0.2201i
34.4	0.8539-0.7034i	-0.2011+0.2853i	0.2376+0.2955i	0.4583-0.5778i	0.2246-0.1342i	0.2040-0.1519i	0.2691-0.2418i	0.3654-0.2216i
34.5	0.8485-0.7297i	-0.1968+0.2978i	0.2742+0.2669i	0.4280-0.5559i	0.2273-0.1416i	0.2055-0.1595i	0.2715-0.2547i	0.3686-0.2327i
34.6	0.8566-0.7545i	-0.2004+0.3131i	0.2995+0.2311i	0.4101-0.5287i	0.2330-0.1493i	0.2097-0.1673i	0.2780-0.2673i	0.3777-0.2434i
34.7	0.8577-0.7673i	-0.2024+0.3238i	0.3158+0.1962i	0.3993-0.4981i	0.2379-0.1552i	0.2143-0.1727i	0.2818-0.2763i	0.3868-0.2515i
34.8	0.8325-0.8017i	-0.1931+0.3348i	0.3278+0.1540i	0.3965-0.4784i	0.2373-0.1640i	0.2113-0.1816i	0.2756-0.2896i	0.3866-0.2642i
34.9	0.8206-0.8384i	-0.1851+0.3507i	0.3293+0.1210i	0.4053-0.4613i	0.2389-0.1741i	0.2119-0.1922i	0.2739-0.3054i	0.3927-0.2793i
35.0	0.8253-0.8591i	-0.1796+0.3651i	0.3266+0.0925i	0.4130-0.4397i	0.2418-0.1817i	0.2146-0.2003i	0.2756-0.3168i	0.3995-0.2932i
35.1	0.8011-0.8852i	-0.1709+0.3804i	0.3097+0.0588i	0.4313-0.4228i	0.2421-0.1913i	0.2140-0.2104i	0.2704-0.3294i	0.4025-0.3101i
35.2	0.7733-0.9111i	-0.1602+0.3895i	0.2865+0.0355i	0.4493-0.4080i	0.2426-0.2016i	0.2128-0.2202i	0.2651-0.3446i	0.4061-0.3248i
35.3	0.7590-0.9391i	-0.1531+0.4005i	0.2699+0.0167i	0.4660-0.4018i	0.2425-0.2101i	0.2114-0.2291i	0.2618-0.3577i	0.4091-0.3378i
35.4	0.7291-0.9601i	-0.1360+0.4126i	0.2404+0.0087i	0.4849-0.4103i	0.2411-0.2201i	0.2084-0.2381i	0.2543-0.3702i	0.4087-0.3549i
35.5	0.6905-0.9812i	-0.1164+0.4232i	0.2168+0.0110i	0.5077-0.4270i	0.2376-0.2313i	0.2027-0.2492i	0.2404-0.3860i	0.4076-0.3739i
35.6	0.6654-1.0090i	-0.1051+0.4316i	0.2076+0.0146i	0.5204-0.4457i	0.2373-0.2397i	0.2012-0.2583i	0.2344-0.3991i	0.4103-0.3877i
35.7	0.6254-1.0322i	-0.0883+0.4393i	0.1914+0.0274i	0.5292-0.4772i	0.2335-0.2500i	0.1957-0.2678i	0.2215-0.4123i	0.4105-0.4035i
35.8	0.5847-1.0458i	-0.0753+0.4386i	0.1926+0.0482i	0.5152-0.5056i	0.2317-0.2577i	0.1916-0.2744i	0.2094-0.4216i	0.4131-0.4168i
35.9	0.5299-1.0654i	-0.0546+0.4531i	0.2129+0.0642i	0.4787-0.5463i	0.2271-0.2712i	0.1844-0.2882i	0.1879-0.4382i	0.4154-0.4424i
36.0	0.4905-1.0733i	-0.0358+0.4638i	0.2317+0.0621i	0.4541-0.5516i	0.2238-0.2822i	0.1793-0.2984i	0.1716-0.4493i	0.4176-0.4645i
36.1	0.4398-1.0696i	-0.0137+0.4627i	0.2643+0.0434i	0.4152-0.5406i	0.2183-0.2941i	0.1714-0.3074i	0.1488-0.4551i	0.4192-0.4932i
36.2	0.4086-1.0649i	-0.0013+0.4608i	0.2713+0.0227i	0.3905-0.5260i	0.2131-0.3010i	0.1652-0.3136i	0.1320-0.4563i	0.4166-0.5128i
36.3	0.3551-1.0728i	0.0231+0.4665i	0.2788-0.0057i	0.3755-0.5106i	0.2039-0.3145i	0.1541-0.3257i	0.1060-0.4622i	0.4109-0.5468i
36.4	0.3232-1.0678i	0.0392+0.4702i	0.2829-0.0349i	0.3709-0.4988i	0.1993-0.3240i	0.1490-0.3328i	0.0917-0.4618i	0.4092-0.5730i
36.5	0.2940-1.0408i	0.0472+0.4574i	0.2637-0.0626i	0.3734-0.4707i	0.1905-0.3321i	0.1406-0.3376i	0.0746-0.4509i	0.3958-0.6015i
36.6	0.2521-1.0218i	0.0660+0.4528i	0.2426-0.0890i	0.3774-0.4575i	0.1832-0.3410i	0.1310-0.3437i	0.0566-0.4449i	0.3888-0.6305i
36.7	0.2173-1.0031i	0.0824+0.4525i	0.2151-0.1049i	0.3885-0.4483i	0.1730-0.3500i	0.1201-0.3509i	0.0409-0.4399i	0.3736-0.6603i
36.8	0.2038-0.9957i	0.0890+0.4538i	0.1925-0.1065i	0.3966-0.4436i	0.1709-0.3606i	0.1177-0.3602i	0.0360-0.4356i	0.3709-0.6958i
36.9	0.1904-0.9824i	0.0902+0.4505i	0.1745-0.1028i	0.4037-0.4404i	0.1675-0.3701i	0.1139-0.3684i	0.0317-0.4290i	0.3633-0.7297i
37.0	0.1650-0.9658i	0.0999+0.4437i	0.1595-0.0827i	0.4138-0.4575i	0.1569-0.3777i	0.1034-0.3744i	0.0224-0.4150i	0.3392-0.7624i
37.1	0.1344-0.9604i	0.1166+0.4470i	0.1531-0.0808i	0.4157-0.4708i	0.1488-0.3881i	0.0945-0.3833i	0.0124-0.4076i	0.3222-0.7996i

37.2	0.1059-0.9713i	0.1302+0.4624i	0.1563-0.0853i	0.4102-0.4729i	0.1416-0.4080i	0.0858-0.4015i	0.0066-0.4119i	0.3009-0.8546i
37.3	0.0820-0.9570i	0.1467+0.4629i	0.1501-0.0887i	0.4054-0.4787i	0.1295-0.4257i	0.0738-0.4160i	0.0046-0.4083i	0.2648-0.9074i
37.4	0.0422-0.9445i	0.1644+0.4639i	0.1438-0.0914i	0.3966-0.4802i	0.1100-0.4433i	0.0538-0.4313i	-0.0041-0.4030i	0.2121-0.9634i
37.5	0.0177-0.9346i	0.1732+0.4681i	0.1396-0.0948i	0.3966-0.4810i	0.0967-0.4564i	0.0395-0.4427i	-0.0053-0.3894i	0.1686-1.0136i
37.6	-0.0123-0.9210i	0.1977+0.4709i	0.1312-0.1049i	0.3954-0.4785i	0.0758-0.4695i	0.0181-0.4521i	0.0024-0.3854i	0.0948-1.0516i
37.7	-0.0510-0.9064i	0.2241+0.4727i	0.1210-0.1061i	0.3913-0.4842i	0.0517-0.4823i	-0.0065-0.4615i	0.0066-0.3827i	0.0126-1.0889i
37.8	-0.1014-0.8929i	0.2565+0.4778i	0.1027-0.1012i	0.3933-0.5000i	0.0194-0.4954i	-0.0389-0.4718i	0.0049-0.3861i	-0.0861-1.1199i
37.9	-0.1480-0.8547i	0.2870+0.4683i	0.0908-0.0929i	0.3825-0.5177i	-0.0158-0.4979i	-0.0729-0.4700i	0.0123-0.3925i	-0.2001-1.1129i
38.0	-0.1947-0.8134i	0.3145+0.4503i	0.0893-0.0819i	0.3564-0.5325i	-0.0507-0.4956i	-0.1054-0.4650i	0.0157-0.4032i	-0.3085-1.0876i
38.1	-0.2223-0.7613i	0.3401+0.4346i	0.0964-0.0718i	0.3215-0.5276i	-0.0830-0.4850i	-0.1348-0.4519i	0.0141-0.4185i	-0.4016-1.0339i
38.2	-0.2345-0.7013i	0.3713+0.4123i	0.1097-0.0683i	0.3039-0.5012i	-0.1145-0.4666i	-0.1633-0.4312i	0.0098-0.4298i	-0.4898-0.9593i
38.3	-0.2274-0.6586i	0.3839+0.3962i	0.1105-0.0715i	0.3033-0.4760i	-0.1305-0.4522i	-0.1770-0.4151i	0.0054-0.4514i	-0.5306-0.8880i
38.4	-0.2220-0.6257i	0.3937+0.3823i	0.0989-0.0855i	0.3150-0.4618i	-0.1471-0.4387i	-0.1909-0.3997i	0.0017-0.4722i	-0.5721-0.8228i
38.5	-0.2239-0.6002i	0.4186+0.3618i	0.0893-0.0961i	0.3276-0.4598i	-0.1643-0.4273i	-0.2066-0.3866i	-0.0162-0.5003i	-0.6064-0.7558i
38.6	-0.2313-0.5681i	0.4366+0.3381i	0.0743-0.0986i	0.3376-0.4649i	-0.1833-0.4128i	-0.2223-0.3705i	-0.0475-0.5143i	-0.6288-0.6905i
38.7	-0.2431-0.5379i	0.4575+0.3116i	0.0547-0.0998i	0.3459-0.4748i	-0.2023-0.4006i	-0.2384-0.3564i	-0.0728-0.5268i	-0.6555-0.6354i
38.8	-0.2467-0.4982i	0.4736+0.2778i	0.0441-0.0871i	0.3506-0.4948i	-0.2175-0.3828i	-0.2513-0.3369i	-0.1079-0.5336i	-0.6621-0.5699i
38.9	-0.2514-0.4675i	0.4820+0.2555i	0.0400-0.0740i	0.3343-0.5100i	-0.2297-0.3672i	-0.2610-0.3209i	-0.1438-0.5393i	-0.6600-0.5166i
39.0	-0.2503-0.4260i	0.4852+0.2183i	0.0279-0.0486i	0.3232-0.5257i	-0.2439-0.3460i	-0.2710-0.3003i	-0.1890-0.5375i	-0.6501-0.4534i
39.1	-0.2414-0.3972i	0.4862+0.1990i	0.0258-0.0281i	0.3168-0.5408i	-0.2510-0.3333i	-0.2759-0.2874i	-0.2168-0.5383i	-0.6415-0.4128i
39.2	-0.2414-0.3770i	0.4895+0.1802i	0.0393-0.0085i	0.3013-0.5541i	-0.2623-0.3206i	-0.2848-0.2740i	-0.2511-0.5336i	-0.6373-0.3771i
39.3	-0.2339-0.3450i	0.4846+0.1451i	0.0586-0.0043i	0.2617-0.5611i	-0.2716-0.3009i	-0.2908-0.2546i	-0.2889-0.5143i	-0.6218-0.3354i
39.4	-0.2360-0.3113i	0.4874+0.1207i	0.0711+0.0019i	0.2275-0.5598i	-0.2821-0.2872i	-0.2994-0.2411i	-0.3257-0.5003i	-0.6152-0.3068i
39.5	-0.2185-0.2675i	0.4790+0.0904i	0.0751-0.0105i	0.1991-0.5378i	-0.2926-0.2620i	-0.3059-0.2166i	-0.3650-0.4582i	-0.6008-0.2716i
39.6	-0.2076-0.2374i	0.4707+0.0718i	0.0658-0.0143i	0.1935-0.5230i	-0.2992-0.2439i	-0.3092-0.1994i	-0.3800-0.4303i	-0.5993-0.2446i
39.7	-0.1906-0.2030i	0.4703+0.0351i	0.0792-0.0030i	0.1849-0.5197i	-0.3045-0.2176i	-0.3121-0.1750i	-0.4042-0.3981i	-0.5872-0.1975i
39.8	-0.1671-0.1756i	0.4608+0.0106i	0.1024-0.0135i	0.1497-0.4950i	-0.3012-0.1947i	-0.3075-0.1535i	-0.4254-0.3580i	-0.5534-0.1682i
39.9	-0.1457-0.1595i	0.4473+0.0027i	0.1089-0.0206i	0.1331-0.4567i	-0.3005-0.1788i	-0.3056-0.1403i	-0.4388-0.3253i	-0.5359-0.1554i
40.0	-0.1239-0.1376i	0.4334-0.0074i	0.1109-0.0198i	0.1251-0.4342i	-0.2992-0.1604i	-0.3025-0.1247i	-0.4466-0.2906i	-0.5211-0.1361i
40.1	-0.0988-0.1185i	0.4163-0.0273i	0.1125-0.0344i	0.1230-0.4134i	-0.2932-0.1405i	-0.2952-0.1070i	-0.4443-0.2508i	-0.5027-0.1189i
40.2	-0.0793-0.1050i	0.4054-0.0380i	0.1072-0.0394i	0.1326-0.3937i	-0.2883-0.1261i	-0.2896-0.0941i	-0.4442-0.2204i	-0.4881-0.1053i
40.3	-0.0669-0.0989i	0.4031-0.0455i	0.1084-0.0454i	0.1409-0.3759i	-0.2852-0.1120i	-0.2863-0.0815i	-0.4426-0.1891i	-0.4768-0.0945i
40.4	-0.0445-0.0868i	0.3855-0.0602i	0.0961-0.0556i	0.1532-0.3559i	-0.2745-0.0981i	-0.2747-0.0691i	-0.4265-0.1582i	-0.4575-0.0860i
40.5	-0.0226-0.0766i	0.3781-0.0712i	0.0940-0.0559i	0.1700-0.3439i	-0.2716-0.0851i	-0.2717-0.0579i	-0.4243-0.1312i	-0.4507-0.0751i
40.6	-0.0090-0.0654i	0.3796-0.0839i	0.0955-0.0567i	0.1795-0.3320i	-0.2712-0.0712i	-0.2708-0.0454i	-0.4230-0.1051i	-0.4492-0.0577i
40.7	0.0111-0.0610i	0.3652-0.0890i	0.0899-0.0502i	0.1901-0.3313i	-0.2611-0.0610i	-0.2606-0.0361i	-0.4036-0.0886i	-0.4368-0.0445i
40.8	0.0266-0.0548i	0.3566-0.1030i	0.0913-0.0495i	0.2023-0.3322i	-0.2540-0.0468i	-0.2537-0.0228i	-0.3933-0.0650i	-0.4244-0.0271i
40.9	0.0422-0.0414i	0.3462-0.1318i	0.0885-0.0667i	0.2074-0.3332i	-0.2466-0.0305i	-0.2465-0.0074i	-0.3836-0.0320i	-0.4107-0.0104i
41.0	0.0607-0.0445i	0.3386-0.1328i	0.0813-0.0652i	0.2221-0.3387i	-0.2375-0.0272i	-0.2379-0.0055i	-0.3671-0.0252i	-0.3995-0.0077i
41.1	0.0850-0.0409i	0.3179-0.1473i	0.0870-0.0560i	0.2209-0.3526i	-0.2238-0.0151i	-0.2243+0.0058i	-0.3445-0.0054i	-0.3787+0.0053i
41.2	0.0996-0.0344i	0.2990-0.1529i	0.0888-0.0480i	0.2145-0.3572i	-0.2172-0.0121i	-0.2165+0.0086i	-0.3339-0.0012i	-0.3664+0.0104i
41.3	0.1222-0.0293i	0.2680-0.1604i	0.0835-0.0607i	0.2036-0.3544i	-0.2056-0.0032i	-0.2035+0.0167i	-0.3174+0.0182i	-0.3449+0.0176i
41.4	0.1316-0.0307i	0.2726-0.1628i	0.0838-0.0526i	0.2153-0.3488i	-0.2000-0.0012i	-0.1994+0.0182i	-0.3106+0.0253i	-0.3384+0.0164i
41.5	0.1480-0.0334i	0.2403-0.1784i	0.0713-0.0555i	0.2015-0.3560i	-0.1841+0.0073i	-0.1829+0.0261i	-0.2797+0.0456i	-0.3181+0.0215i
41.6	0.1575-0.0403i	0.2352-0.1599i	0.0736-0.0447i	0.2014-0.3379i	-0.1813+0.0030i	-0.1808+0.0197i	-0.2698+0.0391i	-0.3192+0.0113i
41.7	0.1626-0.0393i	0.2502-0.1584i	0.0826-0.0400i	0.2183-0.3330i	-0.1841+0.0064i	-0.1850+0.0225i	-0.2719+0.0434i	-0.3277+0.0164i
41.8	0.1852-0.0396i	0.2159-0.1778i	0.0710-0.0546i	0.2138-0.3428i	-0.1687+0.0159i	-0.1690+0.0323i	-0.2405+0.0600i	-0.3090+0.0297i
41.9	0.2006-0.0474i	0.1940-0.1783i	0.0736-0.0514i	0.2169-0.3542i	-0.1590+0.0164i	-0.1603+0.0327i	-0.2227+0.0588i	-0.2990+0.0324i
42.0	0.2131-0.0511i	0.1729-0.1681i	0.0666-0.0485i	0.2043-0.3484i	-0.1507+0.0166i	-0.1522+0.0317i	-0.2063+0.0548i	-0.2902+0.0346i
42.1	0.2239-0.0591i	0.1659-0.1648i	0.0613-0.0477i	0.2120-0.3421i	-0.1462+0.0186i	-0.1479+0.0329i	-0.1964+0.0564i	-0.2862+0.0398i
42.2	0.2388-0.0580i	0.1437-0.1586i	0.0669-0.0389i	0.2038-0.3518i	-0.1382+0.0212i	-0.1399+0.0360i	-0.1825+0.0551i	-0.2745+0.0483i
42.3	0.2462-0.0658i	0.1412-0.1398i	0.0916-0.0270i	0.1864-0.3503i	-0.1330+0.0167i	-0.1344+0.0310i	-0.1799+0.0414i	-0.2602+0.0461i
42.4	0.2488-0.0687i	0.1506-0.1375i	0.1059-0.0374i	0.1875-0.3475i	-0.1366+0.0162i	-0.1382+0.0308i	-0.1878+0.0447i	-0.2630+0.0425i
42.5	0.2637-0.0773i	0.1226-0.1365i	0.0969-0.0662i	0.1685-0.3290i	-0.1276+0.0213i	-0.1287+0.0368i	-0.1683+0.0555i	-0.2530+0.0487i
42.6	0.2661-0.0789i	0.1211-0.1349i	0.0856-0.0898i	0.1833-0.3073i	-0.1225+0.0271i	-0.1244+0.0422i	-0.1567+0.0672i	-0.2491+0.0559i
42.7	0.2692-0.0854i	0.1281-0.1195i	0.0727-0.0761i	0.2047-0.3058i	-0.1200+0.0256i	-0.1212+0.0396i	-0.1502+0.0607i	-0.2461+0.0564i
42.8	0.2760-0.0824i	0.1301-0.1273i	0.0724-0.0628i	0.2136-0.3199i	-0.1191+0.0303i	-0.1218+0.0448i	-0.1472+0.0616i	-0.2502+0.0710i
42.9	0.2775-0.0860i	0.1267-0.1282i	0.0794-0.0584i	0.2041-0.3260i	-0.1160+0.0288i	-0.1185+0.0439i	-0.1472+0.0526i	-0.2395+0.0748i
43.0	0.2783-0.0920i	0.1279-0.1365i	0.0927-0.0769i	0.1942-0.3262i	-0.1139+0.0306i	-0.1163+0.0466i	-0.1507+0.0572i	-0.2289+0.0802i
43.1	0.2855-0.0950i	0.1170-0.1356i	0.0781-0.0936i	0.2128-0.3202i	-0.1090+0.0349i	-0.1097+0.0501i	-0.1402+0.0656i	-0.2220+0.0822i
43.2	0.2994-0.0967i	0.0979-0.1427i	0.0566-0.1009i	0.2038-0.3331i	-0.1005+0.0392i	-0.1003+0.0556i	-0.1246+0.0703i	-0.2075+0.0929i
43.3	0.3114-0.1066i	0.0758-0.1275i	0.0350-0.0891i	0.1953-0.3269i	-0.0887+0.0357i	-0.0871+0.0509i	-0.1047+0.0607i	-0.1881+0.0902i
43.4	0.3114-0.1109i	0.0763-0.1231i	0.0279-0.0838i	0.2064-0.3217i	-0.0872+0.0368i	-0.0858+0.0509i	-0.1032+0.0614i	-0.1864+0.0916i

43.5	0.3136-0.1084i	0.0784-0.1311i	0.0373-0.0790i	0.2049-0.3431i	-0.0886+0.0431i	-0.0856+0.0576i	-0.1056+0.0681i	-0.1863+0.1046i
43.6	0.3103-0.1155i	0.0904-0.1252i	0.0650-0.0814i	0.2002-0.3383i	-0.0924+0.0420i	-0.0906+0.0558i	-0.1175+0.0669i	-0.1878+0.1006i
43.7	0.3117-0.1247i	0.0859-0.1323i	0.0529-0.0993i	0.2008-0.3357i	-0.0888+0.0467i	-0.0861+0.0605i	-0.1108+0.0755i	-0.1809+0.1056i
43.8	0.3174-0.1252i	0.0666-0.1459i	0.0157-0.1009i	0.2138-0.3574i	-0.0813+0.0537i	-0.0763+0.0668i	-0.0952+0.0836i	-0.1687+0.1184i
43.9	0.3317-0.1278i	0.0328-0.1396i	-0.0093-0.0787i	0.1819-0.3777i	-0.0669+0.0574i	-0.0598+0.0702i	-0.0752+0.0862i	-0.1414+0.1278i
44.0	0.3279-0.1367i	0.0334-0.1281i	0.0105-0.0511i	0.1622-0.3981i	-0.0665+0.0562i	-0.0596+0.0684i	-0.0780+0.0858i	-0.1372+0.1247i
44.1	0.3262-0.1378i	0.0330-0.1429i	0.0197-0.0560i	0.1398-0.4020i	-0.0645+0.0627i	-0.0578+0.0744i	-0.0756+0.0977i	-0.1338+0.1295i
44.2	0.3254-0.1392i	0.0056-0.1228i	0.0066-0.0475i	0.1138-0.3628i	-0.0503+0.0588i	-0.0420+0.0675i	-0.0503+0.0872i	-0.1141+0.1230i
44.3	0.3327-0.1455i	-0.0003-0.1006i	0.0230-0.0120i	0.0852-0.3490i	-0.0426+0.0509i	-0.0348+0.0571i	-0.0446+0.0699i	-0.0974+0.1144i
44.4	0.3329-0.1406i	-0.0047-0.0867i	0.0393-0.0375i	0.0599-0.3121i	-0.0391+0.0483i	-0.0305+0.0538i	-0.0444+0.0678i	-0.0837+0.1076i
44.5	0.3386-0.1411i	0.0023-0.0816i	0.0287-0.0467i	0.0765-0.3070i	-0.0386+0.0507i	-0.0314+0.0567i	-0.0437+0.0766i	-0.0847+0.1047i
44.6	0.3400-0.1458i	0.0013-0.0581i	0.0534-0.0405i	0.0533-0.2839i	-0.0334+0.0465i	-0.0267+0.0511i	-0.0338+0.0706i	-0.0773+0.0952i
44.7	0.3400-0.1430i	0.0094-0.0536i	0.0474-0.0641i	0.0645-0.2390i	-0.0310+0.0447i	-0.0243+0.0484i	-0.0272+0.0674i	-0.0751+0.0928i
44.8	0.3406-0.1491i	0.0336-0.0540i	0.0351-0.0792i	0.1150-0.2237i	-0.0392+0.0419i	-0.0335+0.0452i	-0.0402+0.0631i	-0.0887+0.0907i
44.9	0.3417-0.1554i	0.0242-0.0538i	0.0006-0.0503i	0.1506-0.2492i	-0.0343+0.0452i	-0.0289+0.0469i	-0.0327+0.0637i	-0.0805+0.0983i
45.0	0.3435-0.1580i	0.0172-0.0477i	0.0332-0.0160i	0.1237-0.2696i	-0.0289+0.0423i	-0.0244+0.0436i	-0.0316+0.0560i	-0.0688+0.0942i
45.1	0.3513-0.1575i	0.0101-0.0435i	0.0495-0.0323i	0.0937-0.2496i	-0.0236+0.0429i	-0.0180+0.0436i	-0.0247+0.0587i	-0.0565+0.0920i
45.2	0.3513-0.1683i	-0.0004-0.0300i	0.0341-0.0434i	0.1036-0.2184i	-0.0171+0.0379i	-0.0113+0.0376i	-0.0124+0.0537i	-0.0445+0.0807i
45.3	0.3563-0.1671i	-0.0132-0.0315i	0.0120-0.0596i	0.1056-0.2021i	-0.0100+0.0403i	-0.0031+0.0396i	0.0043+0.0565i	-0.0358+0.0846i
45.4	0.3596-0.1628i	-0.0028-0.0275i	0.0020-0.0505i	0.1299-0.2024i	-0.0099+0.0397i	-0.0044+0.0381i	0.0043+0.0508i	-0.0378+0.0866i
45.5	0.3635-0.1677i	0.0082-0.0224i	0.0072-0.0342i	0.1508-0.2102i	-0.0126+0.0381i	-0.0083+0.0362i	-0.0037+0.0464i	-0.0408+0.0864i
45.6	0.3658-0.1705i	0.0058-0.0329i	0.0135-0.0256i	0.1513-0.2212i	-0.0099+0.0390i	-0.0062+0.0376i	-0.0023+0.0483i	-0.0326+0.0876i
45.7	0.3668-0.1772i	-0.0054-0.0226i	0.0125-0.0027i	0.1485-0.2221i	-0.0034+0.0352i	-0.0007+0.0323i	0.0040+0.0421i	-0.0215+0.0785i
45.8	0.3698-0.1874i	-0.0021-0.0299i	0.0118-0.0007i	0.1369-0.2241i	0.0011+0.0380i	0.0041+0.0335i	0.0080+0.0448i	-0.0131+0.0812i
45.9	0.3724-0.1904i	-0.0004-0.0216i	0.0282+0.0060i	0.1164-0.2347i	0.0062+0.0377i	0.0093+0.0330i	0.0125+0.0448i	-0.0016+0.0779i
46.0	0.3688-0.1868i	-0.0039-0.0165i	0.0509-0.0048i	0.0878-0.2235i	0.0083+0.0364i	0.0106+0.0316i	0.0121+0.0446i	0.0028+0.0727i
46.1	0.3670-0.1849i	-0.0086+0.0052i	0.0581-0.0292i	0.0816-0.1726i	0.0106+0.0330i	0.0127+0.0278i	0.0144+0.0430i	0.0077+0.0617i
46.2	0.3707-0.1959i	-0.0125+0.0106i	0.0384-0.0212i	0.1260-0.1530i	0.0124+0.0295i	0.0132+0.0218i	0.0175+0.0383i	0.0112+0.0547i
46.3	0.3828-0.2089i	-0.0085+0.0042i	0.0384-0.0153i	0.1378-0.1780i	0.0155+0.0262i	0.0149+0.0190i	0.0224+0.0378i	0.0165+0.0510i
46.4	0.3789-0.2160i	-0.0109+0.0048i	0.0481-0.0331i	0.1264-0.1870i	0.0165+0.0280i	0.0155+0.0215i	0.0255+0.0410i	0.0173+0.0517i
46.5	0.3645-0.2165i	-0.0185+0.0149i	0.0452-0.0420i	0.1107-0.1634i	0.0202+0.0286i	0.0199+0.0214i	0.0274+0.0385i	0.0227+0.0488i
46.6	0.3662-0.2105i	-0.0194+0.0282i	0.0403-0.0387i	0.1149-0.1343i	0.0234+0.0253i	0.0247+0.0162i	0.0321+0.0333i	0.0294+0.0418i
46.7	0.3785-0.2190i	-0.0083+0.0298i	0.0486-0.0524i	0.1361-0.1341i	0.0232+0.0228i	0.0222+0.0152i	0.0288+0.0369i	0.0312+0.0401i
46.8	0.3746-0.2242i	-0.0115+0.0320i	0.0320-0.0643i	0.1586-0.1280i	0.0270+0.0218i	0.0244+0.0138i	0.0314+0.0409i	0.0363+0.0337i
46.9	0.3751-0.2285i	-0.0139+0.0373i	0.0097-0.0484i	0.1661-0.1361i	0.0303+0.0198i	0.0277+0.0114i	0.0386+0.0388i	0.0391+0.0249i
47.0	0.3728-0.2336i	-0.0143+0.0407i	0.0055-0.0456i	0.1745-0.1437i	0.0312+0.0184i	0.0275+0.0110i	0.0449+0.0403i	0.0406+0.0231i
47.1	0.3674-0.2282i	-0.0087+0.0541i	-0.0050-0.0384i	0.1823-0.1359i	0.0326+0.0157i	0.0292+0.0080i	0.0476+0.0388i	0.0405+0.0182i
47.2	0.3662-0.2340i	-0.0159+0.0572i	-0.0052-0.0337i	0.1758-0.1438i	0.0377+0.0116i	0.0350+0.0038i	0.0563+0.0302i	0.0471+0.0080i
47.3	0.3592-0.2356i	-0.0204+0.0665i	-0.0016-0.0179i	0.1639-0.1411i	0.0400+0.0091i	0.0365+0.0012i	0.0603+0.0251i	0.0473+0.0031i
47.4	0.3449-0.2324i	-0.0229+0.0837i	-0.0056-0.0117i	0.1541-0.1280i	0.0380+0.0055i	0.0339-0.0019i	0.0540+0.0196i	0.0403-0.0040i
47.5	0.3470-0.2262i	-0.0152+0.0839i	-0.0143-0.0114i	0.1828-0.1178i	0.0390+0.0037i	0.0346-0.0025i	0.0559+0.0221i	0.0471-0.0079i
47.6	0.3514-0.2310i	-0.0212+0.0851i	-0.0278-0.0020i	0.2023-0.1357i	0.0429+0.0007i	0.0378-0.0062i	0.0620+0.0197i	0.0494-0.0182i
47.7	0.3499-0.2477i	-0.0093+0.1042i	-0.0066+0.0189i	0.1778-0.1412i	0.0423-0.0041i	0.0367-0.0118i	0.0622+0.0140i	0.0452-0.0282i
47.8	0.3485-0.2584i	-0.0062+0.1102i	0.0046+0.0109i	0.1868-0.1549i	0.0419-0.0068i	0.0370-0.0139i	0.0665+0.0108i	0.0464-0.0390i
47.9	0.3454-0.2584i	-0.0040+0.1173i	-0.0067+0.0276i	0.1774-0.1440i	0.0411-0.0085i	0.0351-0.0156i	0.0680+0.0118i	0.0404-0.0363i
48.0	0.3517-0.2638i	0.0087+0.1284i	0.0182+0.0337i	0.1754-0.1363i	0.0424-0.0143i	0.0368-0.0226i	0.0726+0.0012i	0.0416-0.0478i
48.1	0.3542-0.2647i	0.0145+0.1359i	0.0349+0.0243i	0.1654-0.1323i	0.0438-0.0163i	0.0391-0.0252i	0.0751-0.0010i	0.0446-0.0539i
48.2	0.3463-0.2697i	0.0272+0.1412i	0.0496+0.0165i	0.1531-0.1206i	0.0418-0.0160i	0.0381-0.0244i	0.0762+0.0043i	0.0394-0.0567i
48.3	0.3316-0.2688i	0.0480+0.1467i	0.0490+0.0068i	0.1595-0.1071i	0.0399-0.0174i	0.0358-0.0243i	0.0765+0.0048i	0.0331-0.0583i
48.4	0.3234-0.2661i	0.0668+0.1464i	0.0324-0.0017i	0.1776-0.0854i	0.0398-0.0196i	0.0333-0.0279i	0.0802-0.0006i	0.0267-0.0616i
48.5	0.3192-0.2658i	0.0680+0.1387i	0.0257-0.0030i	0.1784-0.0872i	0.0398-0.0212i	0.0337-0.0304i	0.0839-0.0042i	0.0231-0.0649i
48.6	0.3044-0.2544i	0.0746+0.1454i	0.0040-0.0143i	0.1961-0.0769i	0.0368-0.0219i	0.0306-0.0302i	0.0800-0.0056i	0.0096-0.0656i
48.7	0.2956-0.2441i	0.0843+0.1481i	0.0005+0.0022i	0.2223-0.0917i	0.0348-0.0209i	0.0284-0.0289i	0.0832-0.0051i	0.0034-0.0638i
48.8	0.3147-0.2549i	0.0937+0.1422i	0.0282+0.0357i	0.2042-0.1311i	0.0373-0.0234i	0.0311-0.0308i	0.0944-0.0121i	0.0059-0.0644i
48.9	0.3059-0.2683i	0.0959+0.1331i	0.0508+0.0199i	0.1844-0.1274i	0.0365-0.0249i	0.0319-0.0328i	0.0918-0.0208i	0.0077-0.0655i
49.0	0.2867-0.2504i	0.1161+0.1425i	0.0418+0.0158i	0.1878-0.0965i	0.0366-0.0260i	0.0325-0.0350i	0.0912-0.0226i	0.0059-0.0635i
49.1	0.2993-0.2486i	0.1172+0.1312i	0.0361+0.0100i	0.2057-0.0861i	0.0377-0.0254i	0.0320-0.0359i	0.0934-0.0235i	0.0071-0.0632i
49.2	0.3046-0.2505i	0.1226+0.1228i	0.0212+0.0056i	0.2239-0.0727i	0.0398-0.0254i	0.0319-0.0375i	0.0973-0.0248i	0.0077-0.0668i
49.3	0.3185-0.2324i	0.1347+0.1338i	0.0372+0.0074i	0.2425-0.0768i	0.0433-0.0259i	0.0357-0.0366i	0.1081-0.0220i	0.0119-0.0640i
49.4	0.3130-0.2384i	0.1295+0.1195i	0.0437+0.0078i	0.2442-0.0881i	0.0427-0.0263i	0.0359-0.0363i	0.1111-0.0262i	0.0090-0.0645i
49.5	0.3063-0.2655i	0.1177+0.0964i	0.0378-0.0126i	0.2118-0.0917i	0.0416-0.0334i	0.0344-0.0430i	0.1088-0.0428i	0.0052-0.0765i
49.6	0.3110-0.2432i	0.1348+0.1054i	0.0454-0.0294i	0.2228-0.0658i	0.0427-0.0316i	0.0337-0.0412i	0.1090-0.0401i	0.0040-0.0697i
49.7	0.2929-0.2143i	0.1284+0.1199i	0.0116+0.0101i	0.2424-0.0204i	0.0434-0.0257i	0.0336-0.0371i	0.1131-0.0316i	-0.0006-0.0547i

49.8	0.2452-0.2184i	0.0578+0.1149i	-0.1133-0.0042i	0.1438-0.0582i	0.0341-0.0284i	0.0277-0.0412i	0.0916-0.0376i	-0.0342-0.0623i
49.9	0.3053-0.2308i	0.1177+0.0715i	0.0057-0.0199i	0.2294-0.0915i	0.0454-0.0320i	0.0377-0.0438i	0.1156-0.0552i	0.0022-0.0647i
50.0	0.3196-0.2347i	0.1338+0.0936i	0.0172-0.0197i	0.2528-0.0661i	0.0472-0.0379i	0.0391-0.0496i	0.1169-0.0619i	0.0094-0.0721i
50.1	0.3320-0.2538i	0.1354+0.0846i	-0.0134-0.0425i	0.2598-0.0911i	0.0483-0.0439i	0.0405-0.0563i	0.1194-0.0749i	0.0086-0.0865i
50.2	0.3285-0.2650i	0.1228+0.0960i	-0.0086-0.0203i	0.2625-0.0773i	0.0499-0.0477i	0.0411-0.0592i	0.1220-0.0815i	0.0105-0.0905i
50.3	0.3350-0.2537i	0.1353+0.0947i	-0.0022+0.0075i	0.3008-0.0840i	0.0517-0.0483i	0.0429-0.0587i	0.1292-0.0811i	0.0146-0.0834i
50.4	0.3369-0.2507i	0.1417+0.0982i	-0.0011+0.0038i	0.2986-0.1016i	0.0513-0.0485i	0.0431-0.0594i	0.1288-0.0857i	0.0146-0.0858i
50.5	0.3225-0.2398i	0.1276+0.1124i	0.0021+0.0321i	0.2819-0.0893i	0.0528-0.0495i	0.0434-0.0632i	0.1286-0.0906i	0.0129-0.0842i
50.6	0.3201-0.2443i	0.1187+0.1097i	0.0165+0.0489i	0.2797-0.0746i	0.0529-0.0509i	0.0416-0.0663i	0.1270-0.0942i	0.0110-0.0867i
50.7	0.3345-0.2596i	0.1400+0.1052i	0.0308+0.0232i	0.2904-0.0681i	0.0537-0.0580i	0.0429-0.0736i	0.1294-0.1063i	0.0152-0.0980i
50.8	0.3340-0.2515i	0.1517+0.1184i	0.0235+0.0027i	0.3139-0.0541i	0.0512-0.0611i	0.0396-0.0760i	0.1257-0.1112i	0.0084-0.0976i
50.9	0.3159-0.2658i	0.1407+0.1184i	-0.0010+0.0060i	0.3284-0.0662i	0.0457-0.0645i	0.0350-0.0782i	0.1210-0.1209i	-0.0023-0.0992i
51.0	0.3095-0.2665i	0.1431+0.1073i	0.0033+0.0095i	0.3250-0.0720i	0.0452-0.0655i	0.0345-0.0798i	0.1179-0.1264i	-0.0016-0.0977i
51.1	0.3285-0.2588i	0.1584+0.1126i	-0.0077+0.0205i	0.3502-0.0927i	0.0492-0.0678i	0.0377-0.0817i	0.1246-0.1300i	0.0031-0.0989i
51.2	0.3155-0.2404i	0.1602+0.1232i	0.0093+0.0525i	0.3068-0.1085i	0.0431-0.0681i	0.0325-0.0831i	0.1156-0.1415i	-0.0072-0.0956i
51.3	0.3265-0.2485i	0.1489+0.1170i	0.0233+0.0105i	0.3247-0.0535i	0.0445-0.0680i	0.0317-0.0836i	0.1068-0.1401i	0.0026-0.0975i
51.4	0.3216-0.2679i	0.1690+0.1038i	-0.0202-0.0155i	0.3834-0.0459i	0.0398-0.0728i	0.0259-0.0872i	0.0978-0.1404i	-0.0038-0.1067i
51.5	0.3108-0.2775i	0.1776+0.1018i	-0.0481+0.0003i	0.4134-0.0803i	0.0359-0.0775i	0.0237-0.0907i	0.0967-0.1451i	-0.0111-0.1125i
51.6	0.3014-0.2776i	0.1715+0.0967i	-0.0663+0.0354i	0.4160-0.1309i	0.0344-0.0805i	0.0229-0.0930i	0.0989-0.1558i	-0.0165-0.1151i
51.7	0.2997-0.2690i	0.1778+0.1003i	-0.0580+0.0590i	0.3957-0.1254i	0.0295-0.0795i	0.0187-0.0941i	0.0892-0.1597i	-0.0238-0.1122i
51.8	0.2935-0.2790i	0.1746+0.1118i	-0.0455+0.0705i	0.3815-0.1226i	0.0291-0.0831i	0.0175-0.0983i	0.0865-0.1676i	-0.0233-0.1159i
51.9	0.2901-0.2861i	0.1732+0.1171i	-0.0447+0.0662i	0.3879-0.1196i	0.0305-0.0861i	0.0181-0.1017i	0.0894-0.1738i	-0.0211-0.1199i
52.0	0.2915-0.2823i	0.1725+0.1240i	-0.0571+0.0818i	0.3865-0.1384i	0.0307-0.0882i	0.0185-0.1039i	0.0878-0.1807i	-0.0219-0.1220i
52.1	0.3033-0.2750i	0.1751+0.1124i	-0.0651+0.1184i	0.3807-0.1638i	0.0300-0.0874i	0.0178-0.1044i	0.0865-0.1860i	-0.0198-0.1162i
52.2	0.3046-0.2799i	0.1705+0.1005i	-0.0360+0.1568i	0.3652-0.1814i	0.0271-0.0866i	0.0150-0.1052i	0.0785-0.1898i	-0.0217-0.1101i
52.3	0.3071-0.2815i	0.1555+0.1033i	0.0057+0.1560i	0.3457-0.1725i	0.0311-0.0876i	0.0168-0.1063i	0.0752-0.1908i	-0.0122-0.1099i
52.4	0.2951-0.2717i	0.1730+0.1049i	0.0028+0.1291i	0.3456-0.1543i	0.0243-0.0885i	0.0093-0.1064i	0.0608-0.1880i	-0.0205-0.1135i
52.5	0.2855-0.2861i	0.1830+0.1274i	0.0131+0.1602i	0.3365-0.1869i	0.0183-0.0973i	0.0034-0.1170i	0.0493-0.2066i	-0.0273-0.1272i
52.6	0.2867-0.2948i	0.1929+0.1299i	0.0482+0.1605i	0.3233-0.1753i	0.0152-0.0998i	-0.0001-0.1193i	0.0394-0.2083i	-0.0282-0.1334i
52.7	0.2890-0.2889i	0.1970+0.1268i	0.0549+0.1275i	0.3205-0.1483i	0.0124-0.1002i	-0.0037-0.1184i	0.0329-0.2026i	-0.0315-0.1357i
52.8	0.2590-0.2830i	0.2042+0.1171i	0.0464+0.1183i	0.3277-0.1439i	0.0035-0.0983i	-0.0133-0.1168i	0.0207-0.1948i	-0.0486-0.1350i
52.9	0.2447-0.3009i	0.2281+0.1184i	0.0280+0.0840i	0.3429-0.1152i	-0.0031-0.0987i	-0.0197-0.1180i	0.0148-0.1963i	-0.0623-0.1399i
53.0	0.2279-0.2697i	0.2460+0.1064i	-0.0330+0.1058i	0.3939-0.1351i	-0.0121-0.0937i	-0.0269-0.1145i	0.0050-0.1931i	-0.0761-0.1281i
53.1	0.2325-0.2721i	0.2382+0.1035i	-0.0383+0.1378i	0.3965-0.1538i	-0.0112-0.0948i	-0.0249-0.1154i	0.0062-0.1969i	-0.0714-0.1287i
53.2	0.2272-0.2966i	0.2377+0.1234i	-0.0153+0.1767i	0.3826-0.1699i	-0.0113-0.1023i	-0.0264-0.1242i	0.0043-0.2123i	-0.0699-0.1403i
53.3	0.2201-0.2705i	0.2525+0.1122i	0.0220+0.2020i	0.3573-0.1751i	-0.0156-0.0956i	-0.0328-0.1194i	-0.0105-0.2063i	-0.0746-0.1281i
53.4	0.2244-0.2656i	0.2491+0.0950i	0.0486+0.2019i	0.3463-0.1679i	-0.0176-0.0913i	-0.0387-0.1156i	-0.0208-0.1984i	-0.0746-0.1243i
53.5	0.2351-0.2708i	0.2531+0.1053i	0.0654+0.1740i	0.3560-0.1429i	-0.0184-0.0927i	-0.0423-0.1163i	-0.0246-0.1931i	-0.0791-0.1305i
53.6	0.2304-0.2498i	0.2556+0.1090i	0.0509+0.1619i	0.3767-0.1422i	-0.0211-0.0863i	-0.0430-0.1089i	-0.0231-0.1831i	-0.0861-0.1178i
53.7	0.2319-0.2526i	0.2683+0.0856i	0.0371+0.1628i	0.4052-0.1479i	-0.0218-0.0859i	-0.0448-0.1078i	-0.0242-0.1831i	-0.0868-0.1153i
53.8	0.2138-0.2531i	0.2802+0.0791i	0.0154+0.1857i	0.4234-0.1730i	-0.0287-0.0850i	-0.0519-0.1071i	-0.0335-0.1845i	-0.0988-0.1151i
53.9	0.2010-0.2608i	0.2914+0.0692i	0.0185+0.2433i	0.4176-0.2264i	-0.0311-0.0821i	-0.0551-0.1077i	-0.0422-0.1897i	-0.1033-0.1096i
54.0	0.1919-0.2533i	0.2937+0.0571i	0.0626+0.2620i	0.3907-0.2438i	-0.0352-0.0779i	-0.0626-0.1034i	-0.0566-0.1802i	-0.1078-0.1058i
54.1	0.1962-0.2514i	0.2894+0.0663i	0.0896+0.2602i	0.3745-0.2371i	-0.0351-0.0815i	-0.0645-0.1057i	-0.0559-0.1809i	-0.1113-0.1141i
54.2	0.1822-0.2426i	0.2992+0.0568i	0.0763+0.2450i	0.3958-0.2405i	-0.0411-0.0768i	-0.0708-0.1009i	-0.0594-0.1753i	-0.1224-0.1041i
54.3	0.1867-0.2297i	0.2895+0.0444i	0.0851+0.2983i	0.3911-0.2821i	-0.0393-0.0728i	-0.0709-0.0978i	-0.0607-0.1744i	-0.1212-0.0949i
54.4	0.2019-0.2207i	0.2746+0.0540i	0.1612+0.3198i	0.3673-0.2817i	-0.0317-0.0753i	-0.0673-0.0985i	-0.0591-0.1774i	-0.1071-0.1000i
54.5	0.2030-0.2125i	0.2892+0.0490i	0.2303+0.2880i	0.3217-0.2795i	-0.0417-0.0715i	-0.0794-0.0908i	-0.0808-0.1647i	-0.1210-0.0927i
54.6	0.2008-0.2105i	0.2846+0.0460i	0.2555+0.2408i	0.3059-0.2600i	-0.0422-0.0705i	-0.0798-0.0869i	-0.0833-0.1554i	-0.1227-0.0920i
54.7	0.1973-0.2082i	0.2902+0.0347i	0.2355+0.2126i	0.3154-0.2435i	-0.0452-0.0680i	-0.0814-0.0829i	-0.0849-0.1494i	-0.1278-0.0882i
54.8	0.2038-0.2001i	0.2776+0.0249i	0.2068+0.2366i	0.3275-0.2643i	-0.0415-0.0642i	-0.0774-0.0783i	-0.0766-0.1450i	-0.1230-0.0831i
54.9	0.2009-0.1894i	0.2924+0.0205i	0.2600+0.2605i	0.2821-0.2853i	-0.0437-0.0617i	-0.0794-0.0757i	-0.0824-0.1438i	-0.1264-0.0754i
55.0	0.1940-0.1852i	0.2866+0.0138i	0.2976+0.2229i	0.2520-0.2602i	-0.0466-0.0596i	-0.0821-0.0736i	-0.0897-0.1393i	-0.1270-0.0703i
55.1	0.1922-0.1760i	0.2922+0.0156i	0.2998+0.1901i	0.2425-0.2309i	-0.0483-0.0558i	-0.0838-0.0693i	-0.0933-0.1315i	-0.1291-0.0658i
55.2	0.1987-0.1596i	0.3039+0.0002i	0.3105+0.1549i	0.2435-0.2102i	-0.0501-0.0481i	-0.0848-0.0622i	-0.0947-0.1186i	-0.1294-0.0554i
55.3	0.2045-0.1522i	0.3005-0.0062i	0.3121+0.1407i	0.2502-0.1860i	-0.0470-0.0450i	-0.0820-0.0574i	-0.0900-0.1091i	-0.1256-0.0544i
55.4	0.2134-0.1467i	0.3108-0.0064i	0.3009+0.1217i	0.2551-0.1680i	-0.0468-0.0404i	-0.0808-0.0523i	-0.0880-0.1000i	-0.1231-0.0470i
55.5	0.2179-0.1426i	0.3073-0.0070i	0.2822+0.1227i	0.2723-0.1719i	-0.0481-0.0404i	-0.0819-0.0517i	-0.0873-0.0972i	-0.1267-0.0438i
55.6	0.2302-0.1488i	0.2919-0.0143i	0.2950+0.1257i	0.2556-0.1799i	-0.0432-0.0382i	-0.0784-0.0509i	-0.0802-0.0966i	-0.1224-0.0416i
55.7	0.2281-0.1439i	0.2930-0.0254i	0.3079+0.1066i	0.2605-0.1681i	-0.0418-0.0348i	-0.0765-0.0477i	-0.0793-0.0926i	-0.1225-0.0356i
55.8	0.2355-0.1360i	0.3015-0.0302i	0.3209+0.0937i	0.2683-0.1541i	-0.0398-0.0321i	-0.0759-0.0448i	-0.0760-0.0888i	-0.1189-0.0320i
55.9	0.2449-0.1329i	0.2865-0.0365i	0.3047+0.0728i	0.2812-0.1460i	-0.0331-0.0295i	-0.0692-0.0408i	-0.0679-0.0840i	-0.1086-0.0274i
56.0	0.2529-0.1289i	0.2845-0.0366i	0.2834+0.0495i	0.3001-0.1346i	-0.0314-0.0274i	-0.0655-0.0379i	-0.0645-0.0784i	-0.1026-0.0207i

56.1	0.2564-0.1264i	0.2744-0.0497i	0.2825+0.1030i	0.3080-0.1597i	-0.0292-0.0259i	-0.0650-0.0363i	-0.0596-0.0785i	-0.1032-0.0196i
56.2	0.2537-0.1172i	0.2743-0.0626i	0.3045+0.0877i	0.2996-0.1594i	-0.0314-0.0260i	-0.0683-0.0360i	-0.0627-0.0806i	-0.1080-0.0200i
56.3	0.2629-0.1099i	0.2822-0.0602i	0.3039+0.0598i	0.2922-0.1456i	-0.0288-0.0215i	-0.0663-0.0317i	-0.0592-0.0757i	-0.1030-0.0136i
56.4	0.2723-0.1155i	0.2812-0.0664i	0.3005+0.0406i	0.2902-0.1357i	-0.0254-0.0209i	-0.0643-0.0305i	-0.0577-0.0718i	-0.0970-0.0109i
56.5	0.2888-0.1182i	0.2648-0.0678i	0.3086+0.0343i	0.3044-0.1360i	-0.0213-0.0226i	-0.0589-0.0328i	-0.0533-0.0741i	-0.0878-0.0140i
56.6	0.2873-0.1117i	0.2645-0.0651i	0.3045+0.0211i	0.3086-0.1363i	-0.0221-0.0218i	-0.0604-0.0319i	-0.0539-0.0731i	-0.0917-0.0142i
56.7	0.2806-0.1088i	0.2629-0.0688i	0.2863+0.0096i	0.3153-0.1299i	-0.0227-0.0206i	-0.0612-0.0299i	-0.0545-0.0717i	-0.0900-0.0130i
56.8	0.2882-0.1089i	0.2528-0.0575i	0.2799+0.0098i	0.3186-0.1199i	-0.0169-0.0213i	-0.0565-0.0298i	-0.0476-0.0714i	-0.0812-0.0115i
56.9	0.3024-0.1167i	0.2679-0.0573i	0.2711+0.0008i	0.3274-0.1256i	-0.0167-0.0216i	-0.0552-0.0291i	-0.0479-0.0714i	-0.0795-0.0116i
57.0	0.3019-0.1261i	0.2681-0.0644i	0.2713-0.0036i	0.3368-0.1279i	-0.0172-0.0219i	-0.0568-0.0296i	-0.0489-0.0706i	-0.0793-0.0143i
57.1	0.3044-0.1265i	0.2561-0.0736i	0.2501-0.0026i	0.3476-0.1287i	-0.0148-0.0249i	-0.0543-0.0301i	-0.0453-0.0701i	-0.0752-0.0181i
57.2	0.3084-0.1237i	0.2554-0.0739i	0.2490+0.0137i	0.3495-0.1514i	-0.0109-0.0254i	-0.0508-0.0307i	-0.0390-0.0707i	-0.0715-0.0166i
57.3	0.3147-0.1250i	0.2507-0.0633i	0.2718+0.0086i	0.3431-0.1412i	-0.0137-0.0246i	-0.0542-0.0294i	-0.0445-0.0702i	-0.0775-0.0165i
57.4	0.3058-0.1199i	0.2612-0.0716i	0.2680-0.0088i	0.3496-0.1328i	-0.0133-0.0233i	-0.0542-0.0261i	-0.0431-0.0653i	-0.0781-0.0127i
57.5	0.2990-0.1228i	0.2635-0.0706i	0.2753-0.0140i	0.3504-0.1221i	-0.0138-0.0228i	-0.0535-0.0256i	-0.0447-0.0637i	-0.0774-0.0106i
57.6	0.3130-0.1232i	0.2603-0.0819i	0.2774-0.0208i	0.3664-0.1300i	-0.0128-0.0230i	-0.0505-0.0257i	-0.0426-0.0633i	-0.0753-0.0095i
57.7	0.3290-0.1199i	0.2573-0.0923i	0.2623-0.0283i	0.3617-0.1332i	-0.0114-0.0206i	-0.0489-0.0251i	-0.0390-0.0616i	-0.0682-0.0082i
57.8	0.3260-0.1243i	0.2498-0.0871i	0.2586-0.0313i	0.3602-0.1359i	-0.0091-0.0221i	-0.0481-0.0250i	-0.0351-0.0628i	-0.0669-0.0120i
57.9	0.3368-0.1225i	0.2623-0.0795i	0.2584-0.0308i	0.3717-0.1484i	-0.0084-0.0217i	-0.0470-0.0257i	-0.0336-0.0633i	-0.0681-0.0137i
58.0	0.3380-0.1164i	0.2717-0.0920i	0.2479-0.0412i	0.3746-0.1468i	-0.0090-0.0221i	-0.0480-0.0262i	-0.0357-0.0611i	-0.0710-0.0158i
58.1	0.3357-0.1215i	0.2619-0.0945i	0.2472-0.0385i	0.3810-0.1542i	-0.0086-0.0212i	-0.0461-0.0221i	-0.0335-0.0584i	-0.0676-0.0117i
58.2	0.3398-0.1313i	0.2539-0.0838i	0.2375-0.0294i	0.3807-0.1525i	-0.0050-0.0229i	-0.0438-0.0228i	-0.0279-0.0590i	-0.0653-0.0124i
58.3	0.3475-0.1318i	0.2423-0.0853i	0.2391-0.0228i	0.3855-0.1523i	-0.0012-0.0225i	-0.0415-0.0222i	-0.0209-0.0578i	-0.0604-0.0129i
58.4	0.3544-0.1240i	0.2453-0.0990i	0.2439-0.0322i	0.3881-0.1651i	0.0011-0.0215i	-0.0381-0.0222i	-0.0177-0.0587i	-0.0581-0.0116i
58.5	0.3485-0.1389i	0.2465-0.1018i	0.2382-0.0388i	0.3959-0.1760i	-0.0003-0.0234i	-0.0397-0.0242i	-0.0195-0.0623i	-0.0603-0.0150i
58.6	0.3449-0.1569i	0.2360-0.1144i	0.2396-0.0402i	0.4020-0.1790i	-0.0032-0.0234i	-0.0425-0.0240i	-0.0203-0.0662i	-0.0654-0.0101i
58.7	0.3557-0.1551i	0.2365-0.1125i	0.2478-0.0309i	0.3899-0.1821i	-0.0024-0.0239i	-0.0418-0.0249i	-0.0240-0.0689i	-0.0636-0.0094i
58.8	0.3480-0.1443i	0.2389-0.1096i	0.2460-0.0358i	0.3828-0.1831i	0.0013-0.0263i	-0.0386-0.0266i	-0.0195-0.0712i	-0.0588-0.0127i
58.9	0.3552-0.1452i	0.2277-0.1128i	0.2457-0.0426i	0.3890-0.1779i	0.0003-0.0265i	-0.0407-0.0247i	-0.0197-0.0712i	-0.0616-0.0127i
59.0	0.3577-0.1475i	0.2233-0.1111i	0.2304-0.0445i	0.3884-0.1801i	0.0027-0.0289i	-0.0378-0.0258i	-0.0190-0.0743i	-0.0545-0.0154i
59.1	0.3676-0.1517i	0.2198-0.1195i	0.2239-0.0435i	0.3806-0.1835i	0.0037-0.0291i	-0.0352-0.0270i	-0.0200-0.0745i	-0.0497-0.0142i
59.2	0.3547-0.1627i	0.2061-0.1142i	0.2174-0.0493i	0.3816-0.1815i	0.0004-0.0299i	-0.0395-0.0281i	-0.0231-0.0744i	-0.0576-0.0174i
59.3	0.3451-0.1700i	0.1997-0.1209i	0.2163-0.0616i	0.3842-0.1822i	-0.0002-0.0289i	-0.0404-0.0245i	-0.0237-0.0695i	-0.0567-0.0150i
59.4	0.3417-0.1652i	0.2009-0.1234i	0.2042-0.0744i	0.3678-0.1878i	-0.0016-0.0275i	-0.0407-0.0230i	-0.0254-0.0665i	-0.0590-0.0131i
59.5	0.3344-0.1648i	0.1958-0.1069i	0.2101-0.0667i	0.3532-0.1705i	-0.0035-0.0291i	-0.0423-0.0243i	-0.0291-0.0666i	-0.0628-0.0171i
59.6	0.3222-0.1622i	0.1852-0.0851i	0.2100-0.0558i	0.3469-0.1771i	-0.0034-0.0289i	-0.0416-0.0238i	-0.0268-0.0633i	-0.0606-0.0178i
59.7	0.3182-0.1357i	0.1818-0.0832i	0.1925-0.0506i	0.3571-0.1748i	-0.0061-0.0257i	-0.0428-0.0204i	-0.0280-0.0586i	-0.0627-0.0093i
59.8	0.3234-0.1422i	0.1676-0.0706i	0.1896-0.0448i	0.3627-0.1666i	-0.0024-0.0235i	-0.0390-0.0194i	-0.0233-0.0574i	-0.0610-0.0071i
59.9	0.2220-0.0478i	0.0449+0.0445i	0.2145+0.0682i	0.3916-0.1213i	0.0067-0.0130i	-0.0297-0.0093i	-0.0134-0.0467i	-0.0522+0.0155i
60.0	0.0570+0.0403i	-0.1086+0.1455i	0.2050+0.1972i	0.4298-0.0597i	0.0090+0.0008i	-0.0243+0.0051i	-0.0094-0.0294i	-0.0519+0.0448i
60.1	0.0813-0.0064i	-0.0885+0.0733i	0.1923+0.1726i	0.4146-0.0532i	0.0092-0.0029i	-0.0219+0.0019i	-0.0057-0.0320i	-0.0485+0.0341i
60.2	0.3434-0.1252i	0.1956-0.0723i	0.1856-0.0364i	0.3797-0.1536i	0.0051-0.0165i	-0.0299-0.0145i	-0.0066-0.0498i	-0.0492+0.0006i
60.3	0.3467-0.1193i	0.1956-0.0729i	0.1798-0.0301i	0.3776-0.1550i	0.0065-0.0161i	-0.0302-0.0147i	-0.0053-0.0504i	-0.0494+0.0036i
60.4	0.3564-0.1149i	0.2125-0.0739i	0.1774-0.0276i	0.3780-0.1582i	0.0053-0.0182i	-0.0306-0.0171i	-0.0036-0.0530i	-0.0475+0.0052i
60.5	0.3621-0.1165i	0.2079-0.0608i	0.1975-0.0332i	0.4001-0.1547i	0.0079-0.0188i	-0.0293-0.0158i	-0.0002-0.0543i	-0.0449-0.0008i
60.6	0.3626-0.1230i	0.2104-0.0519i	0.2032-0.0227i	0.3999-0.1511i	0.0086-0.0177i	-0.0271-0.0139i	0.0000-0.0546i	-0.0437+0.0026i
60.7	0.3797-0.1222i	0.2082-0.0657i	0.2019-0.0071i	0.3956-0.1648i	0.0100-0.0180i	-0.0270-0.0148i	0.0017-0.0568i	-0.0406+0.0042i
60.8	0.3856-0.1091i	0.2108-0.0826i	0.2104-0.0104i	0.3945-0.1624i	0.0141-0.0180i	-0.0235-0.0142i	0.0067-0.0549i	-0.0344+0.0052i
60.9	0.3859-0.1169i	0.2222-0.0729i	0.2107-0.0141i	0.3967-0.1485i	0.0160-0.0177i	-0.0212-0.0151i	0.0106-0.0556i	-0.0330+0.0047i
61.0	0.3997-0.1117i	0.2188-0.0687i	0.2084-0.0155i	0.4030-0.1472i	0.0175-0.0196i	-0.0202-0.0164i	0.0131-0.0595i	-0.0311+0.0014i
61.1	0.3981-0.1152i	0.2105-0.0612i	0.2171-0.0161i	0.3975-0.1524i	0.0197-0.0226i	-0.0175-0.0179i	0.0166-0.0618i	-0.0270-0.0026i
61.2	0.3961-0.1176i	0.2234-0.0623i	0.2214-0.0166i	0.4092-0.1597i	0.0190-0.0248i	-0.0183-0.0207i	0.0141-0.0651i	-0.0277-0.0040i
61.3	0.3918-0.1044i	0.2374-0.0776i	0.2076-0.0157i	0.4035-0.1559i	0.0174-0.0232i	-0.0210-0.0202i	0.0095-0.0656i	-0.0314+0.0004i
61.4	0.4061-0.1013i	0.2373-0.0643i	0.2169-0.0131i	0.4004-0.1642i	0.0174-0.0258i	-0.0194-0.0243i	0.0104-0.0679i	-0.0287-0.0049i
61.5	0.4122-0.1157i	0.2452-0.0664i	0.2139-0.0169i	0.4204-0.1560i	0.0204-0.0241i	-0.0174-0.0206i	0.0140-0.0652i	-0.0217-0.0018i
61.6	0.4197-0.1203i	0.2485-0.0732i	0.2225-0.0246i	0.4341-0.1595i	0.0224-0.0224i	-0.0151-0.0192i	0.0168-0.0646i	-0.0173-0.0013i
61.7	0.4206-0.1108i	0.2437-0.0832i	0.2326-0.0222i	0.4394-0.1623i	0.0241-0.0224i	-0.0134-0.0182i	0.0187-0.0676i	-0.0142-0.0034i
61.8	0.4130-0.1191i	0.2547-0.0943i	0.2262-0.0289i	0.4348-0.1762i	0.0267-0.0211i	-0.0109-0.0171i	0.0246-0.0650i	-0.0117+0.0008i
61.9	0.4214-0.1251i	0.2499-0.0967i	0.2222-0.0392i	0.4388-0.1747i	0.0311-0.0247i	-0.0064-0.0194i	0.0301-0.0700i	-0.0065-0.0056i
62.0	0.4261-0.1163i	0.2479-0.0971i	0.2354-0.0274i	0.4454-0.1692i	0.0317-0.0267i	-0.0063-0.0198i	0.0288-0.0696i	-0.0040-0.0045i
62.1	0.4319-0.1250i	0.2463-0.0842i	0.2341-0.0233i	0.4442-0.1809i	0.0337-0.0292i	-0.0064-0.0236i	0.0296-0.0715i	-0.0002-0.0118i
62.2	0.4395-0.1298i	0.2419-0.0821i	0.2305-0.0248i	0.4446-0.1788i	0.0341-0.0283i	-0.0066-0.0228i	0.0319-0.0713i	0.0007-0.0118i
62.3	0.4479-0.1344i	0.2394-0.0879i	0.2481-0.0366i	0.4465-0.1695i	0.0354-0.0298i	-0.0050-0.0244i	0.0341-0.0733i	0.0071-0.0142i

62.4	0.4414-0.1421i	0.2568-0.0924i	0.2575-0.0453i	0.4483-0.1595i	0.0365-0.0329i	-0.0038-0.0266i	0.0350-0.0758i	0.0082-0.0198i
62.5	0.4427-0.1473i	0.2601-0.0960i	0.2644-0.0423i	0.4538-0.1570i	0.0368-0.0324i	-0.0037-0.0284i	0.0357-0.0766i	0.0072-0.0261i
62.6	0.4538-0.1489i	0.2650-0.1032i	0.2597-0.0344i	0.4589-0.1798i	0.0394-0.0327i	-0.0017-0.0264i	0.0370-0.0761i	0.0065-0.0253i
62.7	0.4479-0.1504i	0.2643-0.1169i	0.2713-0.0341i	0.4580-0.1892i	0.0439-0.0364i	0.0035-0.0293i	0.0464-0.0780i	0.0138-0.0311i
62.8	0.4422-0.1524i	0.2663-0.1271i	0.2554-0.0547i	0.4641-0.1711i	0.0446-0.0382i	0.0051-0.0320i	0.0479-0.0811i	0.0146-0.0370i
62.9	0.4495-0.1581i	0.2649-0.1172i	0.2445-0.0718i	0.4627-0.1714i	0.0445-0.0361i	0.0022-0.0312i	0.0452-0.0790i	0.0146-0.0357i
63.0	0.4571-0.1525i	0.2794-0.1265i	0.2642-0.0690i	0.4583-0.1820i	0.0453-0.0389i	0.0031-0.0318i	0.0474-0.0816i	0.0163-0.0396i
63.1	0.4597-0.1439i	0.2836-0.1334i	0.2614-0.0678i	0.4553-0.1834i	0.0498-0.0427i	0.0085-0.0359i	0.0571-0.0867i	0.0214-0.0474i
63.2	0.4665-0.1383i	0.2883-0.1507i	0.2565-0.0833i	0.4646-0.1867i	0.0541-0.0446i	0.0121-0.0368i	0.0633-0.0874i	0.0281-0.0516i
63.3	0.4643-0.1416i	0.2925-0.1429i	0.2591-0.0858i	0.4891-0.1892i	0.0572-0.0486i	0.0145-0.0411i	0.0707-0.0925i	0.0284-0.0591i
63.4	0.4588-0.1457i	0.2955-0.1523i	0.2680-0.0845i	0.5097-0.1921i	0.0569-0.0515i	0.0155-0.0428i	0.0751-0.0977i	0.0235-0.0616i
63.5	0.4713-0.1399i	0.2773-0.1592i	0.2547-0.0843i	0.5180-0.1952i	0.0572-0.0542i	0.0156-0.0453i	0.0756-0.1030i	0.0229-0.0615i
63.6	0.4855-0.1453i	0.2696-0.1692i	0.2590-0.0997i	0.5138-0.2008i	0.0555-0.0558i	0.0131-0.0480i	0.0728-0.1087i	0.0178-0.0621i
63.7	0.4790-0.1590i	0.2806-0.1809i	0.2698-0.1205i	0.4998-0.1940i	0.0607-0.0597i	0.0195-0.0501i	0.0818-0.1123i	0.0223-0.0734i
63.8	0.4884-0.1628i	0.2824-0.1810i	0.2609-0.1094i	0.5069-0.1938i	0.0626-0.0645i	0.0210-0.0536i	0.0861-0.1171i	0.0291-0.0793i
63.9	0.4810-0.1702i	0.2833-0.1856i	0.2458-0.1168i	0.5136-0.2041i	0.0630-0.0708i	0.0197-0.0589i	0.0881-0.1268i	0.0273-0.0891i
64.0	0.4756-0.1604i	0.2845-0.1817i	0.2425-0.1174i	0.5207-0.2057i	0.0620-0.0745i	0.0169-0.0637i	0.0879-0.1356i	0.0180-0.0951i
64.1	0.4802-0.1558i	0.2937-0.1945i	0.2482-0.1234i	0.5278-0.2067i	0.0645-0.0746i	0.0211-0.0644i	0.0906-0.1378i	0.0214-0.0943i
64.2	0.4855-0.1578i	0.2813-0.1968i	0.2304-0.1298i	0.5172-0.2058i	0.0611-0.0797i	0.0206-0.0667i	0.0896-0.1428i	0.0225-0.1013i
64.3	0.5081-0.1619i	0.2799-0.2114i	0.2252-0.1346i	0.5170-0.2141i	0.0614-0.0892i	0.0196-0.0746i	0.0920-0.1611i	0.0220-0.1110i
64.4	0.4974-0.1716i	0.2630-0.2324i	0.2221-0.1393i	0.5356-0.2111i	0.0679-0.0971i	0.0242-0.0826i	0.1036-0.1730i	0.0212-0.1261i
64.5	0.4853-0.1686i	0.2540-0.2606i	0.2305-0.1459i	0.5383-0.2309i	0.0651-0.1017i	0.0210-0.0875i	0.0995-0.1837i	0.0159-0.1315i
64.6	0.4838-0.1491i	0.2612-0.2592i	0.2314-0.1520i	0.5575-0.2563i	0.0647-0.1065i	0.0209-0.0906i	0.0966-0.1930i	0.0154-0.1356i
64.7	0.4979-0.1505i	0.2591-0.2522i	0.2081-0.1440i	0.5610-0.2578i	0.0604-0.1143i	0.0164-0.0987i	0.0899-0.2058i	0.0033-0.1513i
64.8	0.5097-0.1531i	0.2583-0.2680i	0.1992-0.1446i	0.5567-0.2528i	0.0638-0.1173i	0.0190-0.1020i	0.0967-0.2108i	0.0066-0.1565i
64.9	0.5188-0.1582i	0.2447-0.2946i	0.1973-0.1646i	0.5641-0.2737i	0.0586-0.1247i	0.0124-0.1068i	0.0869-0.2228i	-0.0035-0.1590i
65.0	0.5249-0.1572i	0.2214-0.3051i	0.1855-0.1587i	0.5776-0.2834i	0.0543-0.1355i	0.0107-0.1177i	0.0835-0.2448i	-0.0099-0.1733i
65.1	0.5179-0.1572i	0.2239-0.3105i	0.1746-0.1618i	0.5765-0.2858i	0.0546-0.1387i	0.0125-0.1211i	0.0865-0.2538i	-0.0046-0.1800i
65.2	0.5333-0.1576i	0.2257-0.3357i	0.1812-0.1714i	0.5950-0.2988i	0.0501-0.1502i	0.0071-0.1305i	0.0786-0.2719i	-0.0180-0.1958i
65.3	0.5493-0.1636i	0.2074-0.3297i	0.1782-0.1742i	0.5781-0.2888i	0.0394-0.1566i	-0.0030-0.1377i	0.0594-0.2831i	-0.0366-0.1982i
65.4	0.5611-0.1569i	0.1758-0.3464i	0.1689-0.1764i	0.5724-0.2995i	0.0326-0.1689i	-0.0100-0.1485i	0.0489-0.3041i	-0.0457-0.2151i
65.5	0.5748-0.1593i	0.1784-0.3566i	0.1646-0.1706i	0.5816-0.3152i	0.0249-0.1712i	-0.0178-0.1487i	0.0372-0.3084i	-0.0599-0.2234i
65.6	0.5723-0.1503i	0.1687-0.3526i	0.1788-0.1485i	0.5774-0.3300i	0.0175-0.1758i	-0.0233-0.1552i	0.0233-0.3162i	-0.0744-0.2298i
65.7	0.5852-0.1447i	0.1367-0.3585i	0.1714-0.1487i	0.5705-0.3318i	0.0130-0.1805i	-0.0286-0.1587i	0.0170-0.3239i	-0.0811-0.2354i
65.8	0.5975-0.1536i	0.1191-0.3640i	0.1732-0.1509i	0.5643-0.3565i	0.0052-0.1839i	-0.0367-0.1614i	0.0027-0.3312i	-0.0980-0.2394i
65.9	0.6011-0.1697i	0.0947-0.3629i	0.1752-0.1409i	0.5576-0.3636i	-0.0076-0.1802i	-0.0496-0.1589i	-0.0195-0.3272i	-0.1205-0.2263i
66.0	0.6226-0.1845i	0.0741-0.3630i	0.1409-0.1492i	0.5770-0.3552i	-0.0209-0.1801i	-0.0624-0.1576i	-0.0406-0.3267i	-0.1418-0.2227i
66.1	0.6416-0.1821i	0.0458-0.3494i	0.1197-0.1571i	0.5608-0.3603i	-0.0317-0.1920i	-0.0732-0.1656i	-0.0574-0.3426i	-0.1576-0.2364i
66.2	0.6439-0.1932i	0.0194-0.3427i	0.1311-0.1623i	0.5587-0.3610i	-0.0471-0.1977i	-0.0861-0.1699i	-0.0761-0.3528i	-0.1832-0.2416i
66.3	0.6502-0.2206i	-0.0004-0.3393i	0.1087-0.1590i	0.5642-0.3544i	-0.0579-0.1883i	-0.0935-0.1639i	-0.0939-0.3437i	-0.2001-0.2249i
66.4	0.6554-0.2315i	0.0128-0.3223i	0.1069-0.1490i	0.5609-0.3754i	-0.0666-0.1783i	-0.1037-0.1541i	-0.1122-0.3268i	-0.2100-0.2071i
66.5	0.6652-0.2233i	-0.0051-0.2964i	0.0925-0.1457i	0.5604-0.3720i	-0.0755-0.1769i	-0.1121-0.1508i	-0.1265-0.3228i	-0.2238-0.2059i
66.6	0.6833-0.2192i	-0.0303-0.2633i	0.0832-0.1453i	0.5548-0.3646i	-0.0909-0.1748i	-0.1260-0.1478i	-0.1491-0.3188i	-0.2516-0.2007i
66.7	0.6875-0.2384i	-0.0482-0.2612i	0.0893-0.1168i	0.5487-0.3830i	-0.0975-0.1667i	-0.1324-0.1403i	-0.1543-0.3083i	-0.2639-0.1796i
66.8	0.6893-0.2459i	-0.0555-0.2618i	0.0791-0.1238i	0.5541-0.3816i	-0.1013-0.1607i	-0.1354-0.1362i	-0.1619-0.3017i	-0.2713-0.1656i
66.9	0.6868-0.2725i	-0.0539-0.2564i	0.0760-0.1119i	0.5611-0.3988i	-0.1046-0.1519i	-0.1401-0.1250i	-0.1689-0.2901i	-0.2820-0.1506i
67.0	0.6903-0.2968i	-0.0732-0.2340i	0.0733-0.1016i	0.5673-0.4139i	-0.1179-0.1428i	-0.1531-0.1138i	-0.1912-0.2786i	-0.3000-0.1294i
67.1	0.6781-0.2835i	-0.0614-0.2065i	0.0540-0.0844i	0.5621-0.4024i	-0.1191-0.1368i	-0.1517-0.1086i	-0.1916-0.2682i	-0.2924-0.1104i
67.2	0.6723-0.2898i	-0.0584-0.2053i	0.0533-0.0669i	0.5665-0.4213i	-0.1197-0.1331i	-0.1502-0.1037i	-0.1930-0.2621i	-0.2936-0.1002i
67.3	0.6743-0.3258i	-0.0626-0.1918i	0.0555-0.0728i	0.5690-0.4288i	-0.1253-0.1193i	-0.1573-0.0913i	-0.2047-0.2424i	-0.3003-0.0805i
67.4	0.6966-0.3415i	-0.0748-0.1800i	0.0576-0.0819i	0.5707-0.4383i	-0.1296-0.1148i	-0.1615-0.0888i	-0.2089-0.2358i	-0.3057-0.0767i
67.5	0.7041-0.3657i	-0.0616-0.1722i	0.0571-0.0853i	0.5638-0.4420i	-0.1346-0.1039i	-0.1666-0.0778i	-0.2181-0.2163i	-0.3139-0.0566i
67.6	0.6835-0.3869i	-0.0660-0.1464i	0.0606-0.0678i	0.5695-0.4633i	-0.1318-0.0921i	-0.1654-0.0663i	-0.2210-0.2002i	-0.3092-0.0333i
67.7	0.6871-0.3903i	-0.0747-0.1178i	0.0638-0.0485i	0.5611-0.4696i	-0.1359-0.0861i	-0.1674-0.0610i	-0.2226-0.1933i	-0.3138-0.0231i
67.8	0.7191-0.4024i	-0.0759-0.1116i	0.0676-0.0364i	0.5556-0.4744i	-0.1399-0.0842i	-0.1675-0.0579i	-0.2251-0.1903i	-0.3223-0.0186i
67.9	0.7154-0.4010i	-0.0772-0.1031i	0.0721-0.0431i	0.5382-0.4678i	-0.1434-0.0787i	-0.1698-0.0532i	-0.2247-0.1887i	-0.3241-0.0052i
68.0	0.6923-0.4061i	-0.0752-0.0873i	0.0697-0.0284i	0.5341-0.4594i	-0.1430-0.0720i	-0.1713-0.0438i	-0.2202-0.1777i	-0.3240+0.0165i
68.1	0.7201-0.4178i	-0.0764-0.0834i	0.0788-0.0162i	0.5552-0.4584i	-0.1428-0.0677i	-0.1712-0.0416i	-0.2211-0.1759i	-0.3269+0.0273i
68.2	0.7345-0.4339i	-0.0671-0.0683i	0.0809-0.0112i	0.5527-0.4870i	-0.1494-0.0613i	-0.1766-0.0369i	-0.2331-0.1722i	-0.3330+0.0391i
68.3	0.7321-0.4496i	-0.0702-0.0571i	0.0698+0.0112i	0.5749-0.5011i	-0.1508-0.0533i	-0.1805-0.0302i	-0.2389-0.1613i	-0.3353+0.0588i
68.4	0.7295-0.4592i	-0.0689-0.0665i	0.0715-0.0090i	0.5949-0.4973i	-0.1472-0.0495i	-0.1765-0.0244i	-0.2343-0.1571i	-0.3310+0.0675i
68.5	0.7129-0.4785i	-0.0317-0.0679i	0.1029-0.0058i	0.5872-0.5140i	-0.1408-0.0439i	-0.1695-0.0169i	-0.2264-0.1543i	-0.3191+0.0833i
68.6	0.6957-0.4981i	-0.0392-0.0641i	0.0984+0.0070i	0.5729-0.5380i	-0.1393-0.0350i	-0.1655-0.0103i	-0.2224-0.1450i	-0.3160+0.0988i

68.7	0.6962-0.4978i	-0.0544-0.0603i	0.0933+0.0108i	0.5516-0.5498i	-0.1392-0.0311i	-0.1655-0.0084i	-0.2217-0.1438i	-0.3119+0.1086i
68.8	0.6930-0.5227i	-0.0213-0.0477i	0.0978+0.0293i	0.5512-0.5744i	-0.1356-0.0205i	-0.1635+0.0043i	-0.2232-0.1327i	-0.2981+0.1348i
68.9	0.6869-0.5271i	-0.0175-0.0443i	0.0916+0.0339i	0.5432-0.5783i	-0.1362-0.0178i	-0.1622+0.0071i	-0.2258-0.1325i	-0.2949+0.1450i
69.0	0.6868-0.5224i	-0.0303-0.0281i	0.1022+0.0377i	0.5417-0.5717i	-0.1371-0.0196i	-0.1616+0.0055i	-0.2237-0.1383i	-0.2959+0.1517i
69.1	0.6876-0.5374i	-0.0538-0.0226i	0.1183+0.0361i	0.5331-0.5863i	-0.1321-0.0161i	-0.1596+0.0070i	-0.2231-0.1428i	-0.2870+0.1577i
69.2	0.6794-0.5781i	-0.0344-0.0151i	0.1214+0.0582i	0.5312-0.6260i	-0.1323-0.0034i	-0.1573+0.0184i	-0.2268-0.1271i	-0.2821+0.1841i
69.3	0.6780-0.6058i	-0.0216-0.0068i	0.1069+0.0694i	0.5318-0.6450i	-0.1270+0.0025i	-0.1512+0.0264i	-0.2207-0.1158i	-0.2685+0.1972i
69.4	0.6811-0.6249i	-0.0219-0.0050i	0.1281+0.0678i	0.5251-0.6710i	-0.1252+0.0064i	-0.1529+0.0298i	-0.2247-0.1154i	-0.2626+0.2111i
69.5	0.6596-0.6097i	-0.0400-0.0085i	0.1448+0.0719i	0.4932-0.6626i	-0.1216+0.0029i	-0.1501+0.0279i	-0.2244-0.1247i	-0.2526+0.2116i
69.6	0.6426-0.6267i	-0.0171-0.0002i	0.1490+0.0651i	0.4648-0.6756i	-0.1179+0.0055i	-0.1441+0.0287i	-0.2196-0.1283i	-0.2370+0.2235i
69.7	0.6365-0.6535i	0.0082+0.0152i	0.1606+0.0613i	0.4593-0.6779i	-0.1180+0.0118i	-0.1427+0.0363i	-0.2302-0.1226i	-0.2233+0.2427i
69.8	0.6298-0.6607i	0.0148+0.0121i	0.1615+0.0672i	0.4476-0.6747i	-0.1136+0.0143i	-0.1376+0.0413i	-0.2299-0.1194i	-0.2030+0.2524i
69.9	0.6217-0.6722i	0.0070-0.0012i	0.1800+0.0822i	0.4574-0.6906i	-0.1119+0.0161i	-0.1360+0.0435i	-0.2368-0.1219i	-0.1923+0.2545i
70.0	0.6179-0.6961i	0.0001-0.0073i	0.1788+0.0830i	0.4513-0.7300i	-0.1094+0.0198i	-0.1352+0.0475i	-0.2465-0.1209i	-0.1794+0.2636i
70.1	0.6164-0.7242i	-0.0032+0.0294i	0.1952+0.0880i	0.4235-0.7315i	-0.1107+0.0276i	-0.1382+0.0507i	-0.2587-0.1108i	-0.1746+0.2778i
70.2	0.5746-0.7134i	0.0219+0.0367i	0.1993+0.0878i	0.3837-0.7335i	-0.1045+0.0264i	-0.1273+0.0512i	-0.2570-0.1071i	-0.1483+0.2757i
70.3	0.5566-0.7476i	0.0308+0.0425i	0.2015+0.0834i	0.3626-0.7519i	-0.1042+0.0341i	-0.1249+0.0626i	-0.2628-0.0925i	-0.1352+0.2951i
70.4	0.5408-0.7623i	0.0095+0.0454i	0.2277+0.0608i	0.3485-0.7696i	-0.1029+0.0376i	-0.1240+0.0648i	-0.2732-0.0871i	-0.1218+0.2958i
70.5	0.5481-0.7632i	0.0110+0.0406i	0.2522+0.0812i	0.3475-0.7562i	-0.1026+0.0363i	-0.1238+0.0620i	-0.2839-0.0904i	-0.1120+0.2924i
70.6	0.5306-0.7677i	0.0202+0.0311i	0.2489+0.0980i	0.3066-0.7427i	-0.0964+0.0355i	-0.1186+0.0633i	-0.2799-0.0804i	-0.0968+0.2863i
70.7	0.4850-0.7833i	0.0323+0.0283i	0.2663+0.0765i	0.2683-0.7484i	-0.0904+0.0448i	-0.1127+0.0733i	-0.2795-0.0531i	-0.0689+0.2910i
70.8	0.4938-0.7969i	0.0165+0.0355i	0.2711+0.0776i	0.2707-0.7728i	-0.0935+0.0490i	-0.1148+0.0736i	-0.2952-0.0491i	-0.0623+0.2968i
70.9	0.4616-0.7797i	0.0400+0.0549i	0.2818+0.0568i	0.2337-0.7778i	-0.0880+0.0537i	-0.1068+0.0767i	-0.2938-0.0311i	-0.0443+0.2934i
71.0	0.4494-0.7875i	0.0385+0.0682i	0.3014+0.0438i	0.2181-0.7565i	-0.0811+0.0559i	-0.1002+0.0788i	-0.2853-0.0222i	-0.0333+0.2836i
71.1	0.4543-0.8058i	0.0313+0.0703i	0.3130+0.0508i	0.2185-0.7559i	-0.0836+0.0568i	-0.1041+0.0811i	-0.2951-0.0227i	-0.0280+0.2911i
71.2	0.4406-0.7970i	0.0482+0.0563i	0.2974+0.0461i	0.2120-0.7368i	-0.0772+0.0590i	-0.0983+0.0835i	-0.2927-0.0149i	-0.0119+0.2913i
71.3	0.4305-0.7866i	0.0597+0.0591i	0.3041+0.0312i	0.1991-0.7099i	-0.0688+0.0575i	-0.0891+0.0795i	-0.2779-0.0088i	0.0028+0.2788i
71.4	0.3934-0.7792i	0.0572+0.0699i	0.3146+0.0231i	0.1682-0.7096i	-0.0638+0.0604i	-0.0811+0.0817i	-0.2804+0.0054i	0.0235+0.2736i
71.5	0.3413-0.8066i	0.0706+0.0731i	0.3223+0.0278i	0.1473-0.7182i	-0.0572+0.0652i	-0.0755+0.0901i	-0.2798+0.0259i	0.0496+0.2728i
71.6	0.3532-0.7977i	0.0658+0.0665i	0.3207+0.0122i	0.1381-0.6952i	-0.0532+0.0656i	-0.0726+0.0897i	-0.2781+0.0329i	0.0600+0.2640i
71.7	0.3380-0.7963i	0.0675+0.0831i	0.3180-0.0115i	0.1266-0.6859i	-0.0494+0.0648i	-0.0685+0.0873i	-0.2764+0.0378i	0.0701+0.2535i
71.8	0.3193-0.8306i	0.0741+0.0927i	0.3120-0.0233i	0.1115-0.6845i	-0.0469+0.0729i	-0.0652+0.0932i	-0.2812+0.0628i	0.0871+0.2549i
71.9	0.3134-0.8391i	0.0706+0.0956i	0.3131-0.0171i	0.1145-0.6851i	-0.0452+0.0715i	-0.0628+0.0930i	-0.2811+0.0741i	0.0926+0.2487i
72.0	0.2721-0.7918i	0.0935+0.0979i	0.3080-0.0223i	0.0900-0.6627i	-0.0332+0.0682i	-0.0501+0.0881i	-0.2558+0.0791i	0.1037+0.2242i
72.1	0.2296-0.8057i	0.1007+0.1054i	0.3236-0.0356i	0.0865-0.6411i	-0.0268+0.0712i	-0.0456+0.0914i	-0.2468+0.0984i	0.1145+0.2127i
72.2	0.2116-0.7933i	0.1183+0.1026i	0.3150-0.0305i	0.0725-0.6169i	-0.0242+0.0663i	-0.0408+0.0880i	-0.2344+0.0983i	0.1195+0.1957i
72.3	0.2035-0.7964i	0.1403+0.1114i	0.3077-0.0570i	0.0506-0.6098i	-0.0210+0.0668i	-0.0409+0.0868i	-0.2264+0.1092i	0.1261+0.1848i
72.4	0.2032-0.8109i	0.1412+0.1005i	0.3206-0.0546i	0.0512-0.6279i	-0.0181+0.0705i	-0.0385+0.0891i	-0.2228+0.1211i	0.1297+0.1777i
72.5	0.1994-0.8088i	0.1455+0.0912i	0.3299-0.0511i	0.0625-0.6241i	-0.0132+0.0666i	-0.0322+0.0877i	-0.2106+0.1282i	0.1395+0.1624i
72.6	0.1452-0.7863i	0.1573+0.0966i	0.3391-0.0463i	0.0474-0.6262i	-0.0045+0.0629i	-0.0234+0.0845i	-0.1929+0.1328i	0.1490+0.1484i
72.7	0.1137-0.7481i	0.1771+0.0932i	0.3239-0.0489i	0.0166-0.5817i	0.0011+0.0616i	-0.0186+0.0832i	-0.1785+0.1431i	0.1526+0.1338i
72.8	0.0799-0.7503i	0.1762+0.0777i	0.3020-0.0792i	0.0204-0.5693i	0.0100+0.0582i	-0.0098+0.0797i	-0.1553+0.1456i	0.1639+0.1195i
72.9	0.0910-0.7653i	0.1689+0.0813i	0.3082-0.0754i	0.0332-0.5658i	0.0102+0.0563i	-0.0108+0.0793i	-0.1497+0.1454i	0.1580+0.1124i
73.0	0.1035-0.7299i	0.1697+0.0905i	0.3001-0.0633i	0.0357-0.5307i	0.0096+0.0533i	-0.0119+0.0739i	-0.1432+0.1409i	0.1471+0.1057i
73.1	0.0795-0.7372i	0.1852+0.0795i	0.2851-0.0666i	0.0310-0.5344i	0.0151+0.0512i	-0.0059+0.0715i	-0.1332+0.1449i	0.1508+0.0998i
73.2	0.0442-0.7231i	0.1768+0.0872i	0.2873-0.0745i	0.0214-0.5319i	0.0157+0.0516i	-0.0007+0.0705i	-0.1200+0.1463i	0.1473+0.0912i
73.3	0.0318-0.7122i	0.2163+0.0760i	0.2992-0.0875i	0.0021-0.5233i	0.0177+0.0455i	0.0017+0.0666i	-0.1025+0.1444i	0.1438+0.0776i
73.4	0.0055-0.6901i	0.2444+0.0900i	0.2989-0.0875i	-0.0051-0.5125i	0.0237+0.0447i	0.0072+0.0627i	-0.0848+0.1379i	0.1456+0.0694i
73.5	-0.0007-0.6593i	0.2297+0.0829i	0.3203-0.0890i	-0.0136-0.5019i	0.0266+0.0378i	0.0090+0.0561i	-0.0773+0.1288i	0.1427+0.0566i
73.6	0.0085-0.6148i	0.2328+0.0468i	0.3132-0.0810i	-0.0141-0.4820i	0.0268+0.0316i	0.0098+0.0488i	-0.0691+0.1158i	0.1383+0.0504i
73.7	0.0144-0.6081i	0.2296+0.0387i	0.2968-0.0868i	-0.0308-0.4567i	0.0275+0.0312i	0.0089+0.0483i	-0.0686+0.1148i	0.1381+0.0493i
73.8	0.0300-0.5987i	0.2387+0.0632i	0.3017-0.0908i	-0.0231-0.4658i	0.0264+0.0294i	0.0082+0.0491i	-0.0686+0.1126i	0.1296+0.0443i
73.9	0.0127-0.5838i	0.2332+0.0637i	0.3162-0.0945i	0.0018-0.4650i	0.0298+0.0253i	0.0119+0.0455i	-0.0600+0.1093i	0.1304+0.0334i
74.0	-0.0069-0.5755i	0.2263+0.0649i	0.3025-0.0939i	-0.0110-0.4559i	0.0318+0.0219i	0.0111+0.0405i	-0.0534+0.1079i	0.1317+0.0244i
74.1	-0.0286-0.5721i	0.2376+0.0509i	0.2986-0.0925i	-0.0287-0.4479i	0.0320+0.0198i	0.0118+0.0394i	-0.0454+0.1070i	0.1333+0.0187i
74.2	-0.0330-0.5414i	0.2503+0.0403i	0.2945-0.0899i	-0.0163-0.4380i	0.0321+0.0157i	0.0133+0.0345i	-0.0400+0.0939i	0.1221+0.0136i
74.3	-0.0057-0.5358i	0.2377+0.0392i	0.2947-0.1162i	-0.0251-0.4127i	0.0296+0.0132i	0.0114+0.0329i	-0.0391+0.0910i	0.1170+0.0130i
74.4	-0.0031-0.5254i	0.2327+0.0247i	0.2978-0.1159i	-0.0363-0.3901i	0.0316+0.0103i	0.0132+0.0302i	-0.0275+0.0886i	0.1151+0.0001i
74.5	-0.0093-0.5245i	0.2329+0.0302i	0.3023-0.1146i	-0.0211-0.3896i	0.0326+0.0080i	0.0161+0.0273i	-0.0257+0.0804i	0.1078+0.0046i
74.6	-0.0116-0.4802i	0.2420+0.0138i	0.3039-0.1234i	0.0032-0.3790i	0.0348+0.0034i	0.0158+0.0232i	-0.0194+0.0710i	0.1051-0.0017i
74.7	-0.0051-0.4703i	0.2381+0.0059i	0.3016-0.1165i	0.0016-0.3523i	0.0318+0.0033i	0.0145+0.0203i	-0.0220+0.0681i	0.1006-0.0019i
74.8	-0.0012-0.4654i	0.2355+0.0149i	0.2963-0.1181i	-0.0047-0.3473i	0.0324+0.0027i	0.0137+0.0209i	-0.0183+0.0677i	0.0968-0.0055i
74.9	0.0151-0.4414i	0.2446+0.0138i	0.3041-0.1216i	0.0004-0.3417i	0.0324-0.0024i	0.0138+0.0165i	-0.0131+0.0571i	0.0929-0.0167i

75.0	0.0279-0.4528i	0.2463+0.0131i	0.2967-0.1277i	0.0041-0.3437i	0.0309-0.0034i	0.0129+0.0139i	-0.0157+0.0557i	0.0926-0.0183i
75.1	0.0387-0.4461i	0.2329+0.0181i	0.2926-0.1212i	0.0036-0.3250i	0.0283-0.0053i	0.0101+0.0121i	-0.0146+0.0502i	0.0869-0.0170i
75.2	0.0380-0.4280i	0.2281+0.0205i	0.2946-0.1412i	0.0024-0.2926i	0.0268-0.0072i	0.0074+0.0109i	-0.0143+0.0439i	0.0831-0.0212i
75.3	0.0475-0.4210i	0.2360+0.0024i	0.2987-0.1506i	-0.0073-0.3184i	0.0273-0.0089i	0.0073+0.0088i	-0.0131+0.0380i	0.0774-0.0171i
75.4	0.0498-0.3956i	0.2304-0.0074i	0.2927-0.1326i	0.0239-0.2966i	0.0274-0.0098i	0.0085+0.0055i	-0.0101+0.0341i	0.0775-0.0253i
75.5	0.0218-0.3847i	0.2271-0.0007i	0.2860-0.1378i	0.0412-0.3067i	0.0277-0.0107i	0.0104+0.0063i	-0.0118+0.0286i	0.0815-0.0192i
75.6	0.0490-0.3871i	0.2225-0.0087i	0.2867-0.1371i	0.0578-0.2901i	0.0251-0.0143i	0.0085+0.0038i	-0.0100+0.0273i	0.0715-0.0217i
75.7	0.0644-0.3990i	0.2344-0.0082i	0.2811-0.1488i	0.0538-0.2673i	0.0256-0.0162i	0.0075+0.0002i	-0.0098+0.0264i	0.0655-0.0292i
75.8	0.0689-0.3913i	0.2341+0.0089i	0.2861-0.1495i	0.0448-0.2719i	0.0245-0.0171i	0.0082+0.0002i	-0.0129+0.0263i	0.0651-0.0303i
75.9	0.0755-0.3756i	0.2104-0.0177i	0.2917-0.1617i	0.0433-0.2614i	0.0215-0.0177i	0.0067-0.0011i	-0.0122+0.0170i	0.0599-0.0311i
76.0	0.0461-0.3778i	0.2384-0.0229i	0.2707-0.1697i	0.0554-0.2604i	0.0216-0.0171i	0.0074-0.0011i	-0.0108+0.0156i	0.0593-0.0268i
76.1	0.0311-0.3940i	0.2532-0.0132i	0.2479-0.1826i	0.0614-0.2526i	0.0224-0.0184i	0.0058-0.0027i	-0.0082+0.0153i	0.0559-0.0294i
76.2	0.0479-0.3528i	0.2504-0.0223i	0.2538-0.1751i	0.0530-0.2397i	0.0241-0.0206i	0.0052-0.0075i	-0.0082+0.0090i	0.0543-0.0370i
76.3	0.0540-0.3494i	0.2449+0.0156i	0.2389-0.1444i	0.0633-0.2234i	0.0214-0.0180i	0.0070-0.0065i	-0.0087+0.0089i	0.0535-0.0300i
76.4	0.0560-0.3596i	0.2311+0.0241i	0.2422-0.1339i	0.0608-0.2359i	0.0194-0.0188i	0.0063-0.0049i	-0.0069+0.0081i	0.0489-0.0272i
76.5	0.0991-0.3626i	0.2272+0.0070i	0.2558-0.1389i	0.0519-0.2293i	0.0200-0.0231i	0.0039-0.0082i	-0.0068+0.0013i	0.0453-0.0353i
76.6	0.0953-0.3653i	0.2423+0.0031i	0.2600-0.1698i	0.0807-0.2483i	0.0200-0.0244i	0.0041-0.0092i	-0.0071-0.0027i	0.0413-0.0347i
76.7	0.0817-0.3410i	0.2301+0.0063i	0.2462-0.1503i	0.0857-0.2357i	0.0168-0.0232i	0.0022-0.0095i	-0.0091-0.0082i	0.0426-0.0268i
76.8	0.0965-0.3137i	0.2310+0.0015i	0.2260-0.1438i	0.1037-0.2155i	0.0155-0.0226i	0.0011-0.0101i	-0.0115-0.0117i	0.0442-0.0224i
76.9	0.0998-0.3320i	0.2289+0.0035i	0.2306-0.1306i	0.0961-0.2230i	0.0145-0.0228i	-0.0017-0.0115i	-0.0127-0.0122i	0.0382-0.0279i
77.0	0.1007-0.3496i	0.2040+0.0119i	0.2364-0.1147i	0.1057-0.2184i	0.0128-0.0229i	-0.0029-0.0121i	-0.0107-0.0134i	0.0330-0.0281i
77.1	0.0769-0.3272i	0.2243+0.0417i	0.2207-0.1312i	0.1194-0.2127i	0.0143-0.0189i	-0.0044-0.0119i	-0.0123-0.0142i	0.0344-0.0182i
77.2	0.0884-0.3188i	0.2411+0.0422i	0.2183-0.1127i	0.1305-0.2071i	0.0155-0.0163i	-0.0025-0.0090i	-0.0119-0.0161i	0.0356-0.0139i
77.3	0.1169-0.2989i	0.2545+0.0116i	0.2121-0.0976i	0.1500-0.2212i	0.0157-0.0212i	0.0008-0.0128i	-0.0131-0.0210i	0.0360-0.0204i
77.4	0.1182-0.3047i	0.2674+0.0177i	0.2418-0.1010i	0.1374-0.2189i	0.0145-0.0247i	-0.0022-0.0191i	-0.0113-0.0267i	0.0309-0.0275i
77.5	0.0959-0.3021i	0.2650+0.0252i	0.2528-0.1046i	0.1419-0.1901i	0.0148-0.0261i	-0.0046-0.0180i	-0.0144-0.0273i	0.0310-0.0280i
77.6	0.1090-0.2877i	0.2558+0.0364i	0.2272-0.0965i	0.1385-0.1648i	0.0156-0.0246i	-0.0066-0.0184i	-0.0152-0.0282i	0.0309-0.0245i
77.7	0.1028-0.2807i	0.2750+0.0372i	0.2142-0.1173i	0.1433-0.1896i	0.0164-0.0263i	-0.0075-0.0162i	-0.0154-0.0329i	0.0342-0.0232i
77.8	0.0981-0.2991i	0.2922+0.0258i	0.2163-0.1257i	0.1504-0.1917i	0.0127-0.0300i	-0.0095-0.0186i	-0.0216-0.0334i	0.0352-0.0267i
77.9	0.1128-0.3104i	0.2793+0.0468i	0.2271-0.1163i	0.1655-0.1974i	0.0135-0.0272i	-0.0067-0.0194i	-0.0219-0.0335i	0.0306-0.0258i
78.0	0.0910-0.3011i	0.2942+0.0527i	0.2375-0.1217i	0.1830-0.2124i	0.0122-0.0260i	-0.0094-0.0190i	-0.0226-0.0379i	0.0306-0.0207i
78.1	0.1187-0.2660i	0.3039+0.0105i	0.2580-0.0945i	0.1794-0.1827i	0.0113-0.0286i	-0.0118-0.0175i	-0.0230-0.0442i	0.0320-0.0198i
78.2	0.1562-0.2269i	0.3177-0.0138i	0.2638-0.0671i	0.1927-0.1609i	0.0138-0.0269i	-0.0066-0.0169i	-0.0211-0.0424i	0.0415-0.0216i
78.3	0.1603-0.2428i	0.3106+0.0111i	0.2585-0.0716i	0.2075-0.1809i	0.0164-0.0279i	-0.0040-0.0215i	-0.0211-0.0461i	0.0398-0.0183i
78.4	0.1643-0.2715i	0.3070+0.0144i	0.2585-0.0863i	0.2197-0.1905i	0.0138-0.0277i	-0.0100-0.0209i	-0.0273-0.0453i	0.0357-0.0185i
78.5	0.1611-0.2765i	0.3222+0.0460i	0.2529-0.0894i	0.2334-0.1936i	0.0095-0.0303i	-0.0123-0.0233i	-0.0344-0.0497i	0.0351-0.0223i
78.6	0.1466-0.2469i	0.3241+0.0204i	0.2932-0.0654i	0.2221-0.2035i	0.0107-0.0309i	-0.0121-0.0235i	-0.0361-0.0543i	0.0410-0.0291i
78.7	0.1331-0.2430i	0.3357-0.0285i	0.2989-0.0780i	0.2240-0.1943i	0.0102-0.0313i	-0.0140-0.0259i	-0.0369-0.0539i	0.0398-0.0233i
78.8	0.1476-0.2665i	0.3386+0.0047i	0.2924-0.0866i	0.2102-0.2059i	0.0072-0.0341i	-0.0178-0.0269i	-0.0493-0.0591i	0.0403-0.0209i
78.9	0.1575-0.3053i	0.3206-0.0028i	0.2977-0.1150i	0.2429-0.2151i	-0.0011-0.0304i	-0.0265-0.0234i	-0.0651-0.0535i	0.0272-0.0178i
79.0	0.0863-0.3233i	0.3533-0.0392i	0.2415-0.1371i	0.2082-0.2332i	-0.0078-0.0238i	-0.0300-0.0136i	-0.0714-0.0360i	0.0246-0.0123i
79.1	0.0737-0.2647i	0.3481-0.0493i	0.2365-0.1187i	0.1836-0.2329i	-0.0004-0.0219i	-0.0209-0.0121i	-0.0582-0.0332i	0.0322-0.0191i
79.2	0.1044-0.2111i	0.3134-0.0494i	0.2440-0.0801i	0.1684-0.2052i	0.0024-0.0213i	-0.0177-0.0159i	-0.0553-0.0365i	0.0363-0.0191i
79.3	0.1088-0.2005i	0.3256-0.0272i	0.2439-0.0508i	0.1894-0.1949i	0.0030-0.0190i	-0.0169-0.0150i	-0.0529-0.0340i	0.0471-0.0220i
79.4	0.1147-0.1973i	0.3322-0.0336i	0.2595-0.0579i	0.2164-0.2021i	0.0007-0.0189i	-0.0175-0.0144i	-0.0567-0.0390i	0.0434-0.0199i
79.5	0.1421-0.1888i	0.3367-0.0703i	0.2587-0.0405i	0.2104-0.1941i	0.0003-0.0202i	-0.0186-0.0139i	-0.0571-0.0359i	0.0382-0.0186i
79.6	0.1697-0.1746i	0.3307-0.0546i	0.2711-0.0439i	0.2268-0.1876i	0.0041-0.0196i	-0.0174-0.0143i	-0.0545-0.0352i	0.0394-0.0192i
79.7	0.1716-0.1823i	0.3339-0.0513i	0.2723-0.0605i	0.2275-0.1779i	0.0042-0.0214i	-0.0175-0.0132i	-0.0605-0.0293i	0.0397-0.0177i
79.8	0.1637-0.1874i	0.3371-0.0503i	0.2800-0.0618i	0.2262-0.1904i	0.0033-0.0220i	-0.0213-0.0107i	-0.0604-0.0307i	0.0378-0.0223i
79.9	0.1866-0.1625i	0.3020-0.0672i	0.2948-0.0600i	0.2450-0.1925i	0.0039-0.0190i	-0.0159-0.0123i	-0.0561-0.0239i	0.0440-0.0310i
80.0	0.2087-0.1667i	0.3095-0.0720i	0.2969-0.0672i	0.2363-0.1788i	0.0044-0.0183i	-0.0163-0.0119i	-0.0578-0.0230i	0.0443-0.0272i

1.1.30 Run 8 – VT315 – SF and shaft bending gauges

Vertical shaking at 315°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0039+0.0000i	-0.1277+0.0000i	-0.1502+0.0000i	-0.1040+0.0000i	-8.8722+0.0000i	2.4405+0.0000i	-6.5600+0.0000i	-16.6140+0.0000i
0.1	-0.0059-0.0001i	-0.0251+0.0004i	-0.0042-0.0004i	-0.0271+0.0002i	-11.1978+0.0592i	-7.6658+0.2280i	-10.0812+0.2550i	-11.4618+0.1676i
0.2	-0.0058-0.0000i	-0.0066+0.0006i	0.0222-0.0012i	-0.0131-0.0000i	-11.5780+0.0333i	-9.4520+0.3649i	-10.6189+0.3528i	-10.5228+0.2772i
0.3	-0.0058-0.0002i	-0.0064+0.0002i	0.0219-0.0010i	-0.0126+0.0002i	-11.5275+0.0214i	-9.3162+0.3690i	-10.4879+0.4204i	-10.4167+0.2755i
0.4	-0.0059+0.0001i	-0.0065+0.0007i	0.0216-0.0007i	-0.0126+0.0005i	-11.5172+0.0081i	-9.2128+0.3852i	-10.3804+0.4614i	-10.3382+0.2767i
0.5	-0.0061+0.0000i	-0.0062+0.0010i	0.0217-0.0004i	-0.0127+0.0009i	-11.4326+0.0935i	-9.1566+0.3217i	-10.2013+0.5653i	-10.2797+0.2413i
0.6	-0.0059+0.0004i	-0.0052+0.0012i	0.0220-0.0001i	-0.0125+0.0014i	-11.2162+0.0583i	-9.2583+0.2808i	-9.9400+0.5578i	-10.3336+0.2005i
0.7	-0.0045+0.0009i	-0.0033-0.0002i	0.0232-0.0010i	-0.0110+0.0007i	-11.2093-0.3985i	-9.5588+0.5707i	-9.8261+0.1890i	-10.5784+0.3566i
0.8	-0.0045-0.0003i	-0.0053-0.0025i	0.0220-0.0025i	-0.0119-0.0012i	-11.6795-0.3907i	-9.1380+1.0109i	-10.1470+0.1444i	-10.3366+0.7042i
0.9	-0.0056+0.0004i	-0.0066-0.0006i	0.0206-0.0014i	-0.0132-0.0001i	-11.4647-0.2243i	-8.7738+0.6211i	-9.9549+0.2803i	-10.0262+0.4500i
1.0	-0.0050+0.0011i	-0.0050-0.0008i	0.0216-0.0014i	-0.0120+0.0003i	-11.1459-0.7679i	-9.0331+0.6184i	-9.6494-0.1760i	-10.1782+0.3740i
1.1	-0.0040+0.0005i	-0.0051-0.0015i	0.0220-0.0021i	-0.0115-0.0002i	-11.9794-0.9747i	-8.9886+0.7803i	-10.2679-0.3569i	-10.2370+0.4750i
1.2	-0.0040-0.0003i	-0.0058-0.0012i	0.0215-0.0020i	-0.0120-0.0005i	-12.4872-0.3930i	-8.7730+0.7228i	-10.6398+0.0927i	-10.1296+0.5034i
1.3	-0.0039+0.0003i	-0.0051-0.0004i	0.0218-0.0012i	-0.0120+0.0001i	-12.1821-0.1635i	-8.8149+0.4771i	-10.3530+0.2687i	-10.1197+0.3462i
1.4	-0.0035+0.0004i	-0.0047+0.0001i	0.0223-0.0011i	-0.0113+0.0004i	-12.1293-0.1278i	-8.8996+0.3916i	-10.2732+0.2886i	-10.1692+0.2898i
1.5	-0.0026+0.0005i	-0.0035-0.0003i	0.0232-0.0015i	-0.0104+0.0000i	-12.0989-0.1202i	-9.0792+0.4093i	-10.2116+0.2692i	-10.2959+0.2981i
1.6	-0.0016+0.0001i	-0.0031-0.0021i	0.0237-0.0017i	-0.0097-0.0005i	-12.0791-0.0798i	-9.2254+0.4705i	-10.1531+0.2701i	-10.4009+0.3451i
1.7	-0.0005-0.0007i	-0.0034-0.0021i	0.0239-0.0019i	-0.0091-0.0005i	-12.0753-0.0850i	-9.3556+0.5532i	-10.1308+0.2466i	-10.5012+0.4055i
1.8	0.0014-0.0011i	-0.0006-0.0011i	0.0261-0.0018i	-0.0073-0.0005i	-12.0977-0.0734i	-9.6623+0.5314i	-10.0884+0.2383i	-10.7308+0.3868i
1.9	0.0052-0.0036i	0.0035-0.0033i	0.0290-0.0039i	-0.0043-0.0024i	-12.1398-0.0732i	-10.2226+0.7999i	-10.0376+0.1919i	-11.1465+0.5763i
2.0	0.0073-0.0147i	0.0059-0.0135i	0.0306-0.0124i	-0.0021-0.0111i	-12.2106-0.0113i	-10.5437+2.0162i	-10.0497+0.0722i	-11.4109+1.4654i
2.1	-0.0222-0.0286i	-0.0187-0.0261i	0.0110-0.0230i	-0.0218-0.0218i	-12.1643+0.1906i	-8.6135+3.7688i	-10.2317-0.0182i	-10.0521+2.8101i
2.2	-0.0386+0.0085i	-0.0334+0.0020i	-0.0009-0.0008i	-0.0343-0.0002i	-12.0444+0.1896i	-6.7772+2.8861i	-10.3748+0.0795i	-8.6804+2.2649i
2.3	-0.0108+0.0199i	-0.0131+0.0120i	0.0146+0.0073i	-0.0191+0.0082i	-12.0299+0.1380i	-6.7361+1.7338i	-10.3551+0.1746i	-8.5538+1.4190i
2.4	-0.0046+0.0028i	-0.0075+0.0007i	0.0193-0.0011i	-0.0142+0.0005i	-12.0659+0.0731i	-7.4710+1.0719i	-10.2831+0.2044i	-9.0750+0.8539i
2.5	-0.0058+0.0005i	-0.0081-0.0011i	0.0192-0.0024i	-0.0143-0.0008i	-12.1621+0.0928i	-7.8392+1.1522i	-10.2807+0.2037i	-9.3658+0.9084i
2.6	-0.0063-0.0003i	-0.0087-0.0023i	0.0186-0.0037i	-0.0150-0.0023i	-12.0996+0.1865i	-7.5841+1.5986i	-10.2644+0.2124i	-9.1702+1.2619i
2.7	-0.0068-0.0002i	-0.0096-0.0018i	0.0174-0.0032i	-0.0161-0.0018i	-12.0348+0.1438i	-7.0976+1.2395i	-10.2867+0.2089i	-8.7910+0.9906i
2.8	-0.0066-0.0001i	-0.0094-0.0015i	0.0177-0.0025i	-0.0157-0.0010i	-12.0539+0.1259i	-7.2599+0.9231i	-10.2790+0.2256i	-8.9056+0.7454i
2.9	-0.0068+0.0000i	-0.0092-0.0010i	0.0180-0.0022i	-0.0155-0.0006i	-12.0646+0.1250i	-7.3299+0.7524i	-10.2639+0.2350i	-8.9484+0.6144i
3.0	-0.0068-0.0002i	-0.0092-0.0008i	0.0180-0.0021i	-0.0156-0.0006i	-12.1017+0.1137i	-7.3899+0.6731i	-10.2793+0.2298i	-8.9956+0.5523i
3.1	-0.0068-0.0003i	-0.0091-0.0007i	0.0179-0.0016i	-0.0155-0.0004i	-12.1120+0.1092i	-7.4079+0.5740i	-10.2798+0.2322i	-9.0061+0.4759i
3.2	-0.0071+0.0000i	-0.0090-0.0005i	0.0182-0.0016i	-0.0154-0.0002i	-12.1459+0.1173i	-7.4285+0.5462i	-10.3104+0.2191i	-9.0213+0.4493i
3.3	-0.0075+0.0000i	-0.0088-0.0006i	0.0180-0.0018i	-0.0153-0.0001i	-12.1822+0.1170i	-7.3858+0.5623i	-10.3438+0.2341i	-8.9938+0.4647i
3.4	-0.0074-0.0001i	-0.0085-0.0003i	0.0178-0.0020i	-0.0155-0.0003i	-12.1539+0.1667i	-7.3450+0.5768i	-10.3261+0.2590i	-8.9607+0.4784i
3.5	-0.0079+0.0003i	-0.0090-0.0001i	0.0172-0.0016i	-0.0160-0.0009i	-12.1236+0.1369i	-7.0694+0.5112i	-10.3426+0.2512i	-8.7430+0.4255i
3.6	-0.0078+0.0031i	-0.0106+0.0019i	0.0165+0.0012i	-0.0173+0.0015i	-12.2682+0.0377i	-6.6900-0.2712i	-10.4379+0.3279i	-8.4479-0.1780i
3.7	0.0006+0.0029i	-0.0025+0.0026i	0.0248+0.0019i	-0.0094+0.0034i	-12.1840+0.0024i	-9.1707-0.6285i	-9.9811+0.2947i	-10.3091-0.4570i
3.8	-0.0009+0.0012i	-0.0036+0.0005i	0.0239-0.0003i	-0.0103+0.0012i	-12.2921-0.0236i	-8.9347+0.0006i	-10.1355+0.1787i	-10.1508+0.0164i
3.9	-0.0017+0.0010i	-0.0040+0.0004i	0.0233-0.0006i	-0.0109+0.0011i	-12.3332+0.0002i	-8.7480+0.0890i	-10.2060+0.1785i	-10.0116+0.0826i
4.0	-0.0017+0.0007i	-0.0041+0.0002i	0.0231-0.0008i	-0.0111+0.0009i	-12.3670+0.0193i	-8.6342+0.1468i	-10.2446+0.1795i	-9.9268+0.1260i
4.1	-0.0018+0.0002i	-0.0042-0.0003i	0.0230-0.0012i	-0.0113+0.0005i	-12.4097+0.0393i	-8.5293+0.2221i	-10.2875+0.1779i	-9.8482+0.1847i
4.2	-0.0022-0.0001i	-0.0042-0.0006i	0.0229-0.0014i	-0.0115+0.0003i	-12.4403+0.0542i	-8.4663+0.2675i	-10.3184+0.1834i	-9.8006+0.2220i
4.3	-0.0021-0.0004i	-0.0040-0.0006i	0.0228-0.0015i	-0.0113+0.0001i	-12.4617+0.0702i	-8.4153+0.3039i	-10.3432+0.1817i	-9.7630+0.2512i
4.4	-0.0022-0.0009i	-0.0041-0.0010i	0.0229-0.0018i	-0.0114-0.0003i	-12.4936+0.1045i	-8.3484+0.3099i	-10.3786+0.2004i	-9.7094+0.2573i
4.5	-0.0022-0.0010i	-0.0042-0.0012i	0.0228-0.0021i	-0.0117-0.0005i	-12.5137+0.1306i	-8.3078+0.3108i	-10.3946+0.2187i	-9.6713+0.2599i
4.6	-0.0022-0.0015i	-0.0041-0.0017i	0.0229-0.0024i	-0.0119-0.0008i	-12.5223+0.1197i	-8.2285+0.2724i	-10.4143+0.2124i	-9.6096+0.2295i
4.7	-0.0036-0.0030i	-0.0051-0.0026i	0.0220-0.0030i	-0.0131-0.0013i	-12.5145+0.0964i	-8.1025+0.1148i	-10.4271+0.2208i	-9.5142+0.1065i
4.8	-0.0076-0.0013i	-0.0086-0.0011i	0.0197-0.0010i	-0.0151-0.0000i	-12.5871+0.0746i	-8.1675-0.0951i	-10.4414+0.2392i	-9.5724-0.0534i
4.9	-0.0086+0.0023i	-0.0094+0.0019i	0.0193+0.0011i	-0.0160+0.0024i	-12.5767+0.1077i	-8.1239-0.2210i	-10.4409+0.2825i	-9.5309-0.1392i
5.0	0.0001+0.0042i	-0.0023+0.0037i	0.0254+0.0022i	-0.0105+0.0034i	-12.6477+0.0229i	-8.8800-0.2049i	-10.3964+0.2006i	-10.0952-0.1382i
5.1	-0.0001+0.0028i	-0.0021+0.0024i	0.0254+0.0007i	-0.0106+0.0021i	-12.7108+0.0239i	-8.8086+0.0250i	-10.4485+0.1695i	-10.0495+0.0392i
5.2	-0.0008+0.0027i	-0.0023+0.0020i	0.0251+0.0004i	-0.0113+0.0020i	-12.7372+0.1127i	-8.5236+0.0518i	-10.5036+0.2075i	-9.8269+0.0677i
5.3	-0.0007+0.0026i	-0.0025+0.0015i	0.0251+0.0001i	-0.0114+0.0021i	-12.7287+0.1807i	-8.3384-0.0291i	-10.5157+0.2799i	-9.6827+0.0218i
5.4	-0.0010+0.0055i	-0.0020+0.0042i	0.0261+0.0028i	-0.0116+0.0040i	-12.6144+0.0386i	-8.4039-0.8052i	-10.4266+0.3021i	-9.7217-0.5743i
5.5	0.0057+0.0061i	0.0036+0.0045i	0.0309+0.0035i	-0.0070+0.0050i	-12.7015-0.1437i	-9.3842-1.1007i	-10.3590+0.2387i	-10.4521-0.8172i
5.6	0.0082+0.0013i	0.0051+0.0004i	0.0330+0.0001i	-0.0051+0.0014i	-12.8672-0.1280i	-9.8909-0.5005i	-10.4162+0.1452i	-10.8377-0.3829i

5.7	0.0057-0.0018i	0.0027-0.0018i	0.0315-0.0023i	-0.0068-0.0004i	-12.9427-0.0505i	-9.8260-0.0549i	-10.4690+0.1238i	-10.8020-0.0518i
5.8	0.0031-0.0019i	0.0009-0.0018i	0.0300-0.0025i	-0.0087-0.0002i	-12.9723-0.0191i	-9.6086+0.1294i	-10.5167+0.1135i	-10.6418+0.0947i
5.9	0.0013-0.0012i	-0.0005-0.0012i	0.0290-0.0021i	-0.0102+0.0003i	-13.0068-0.0525i	-9.5003+0.1247i	-10.5528+0.0936i	-10.5603+0.0919i
6.0	0.0014+0.0008i	-0.0004+0.0006i	0.0293-0.0011i	-0.0105+0.0014i	-13.0387-0.0528i	-9.4960+0.1157i	-10.5732+0.0923i	-10.5559+0.0875i
6.1	0.0026+0.0022i	0.0008+0.0020i	0.0306-0.0003i	-0.0100+0.0024i	-13.0561-0.0513i	-9.5089+0.1321i	-10.5886+0.0839i	-10.5589+0.1038i
6.2	0.0041+0.0023i	0.0021+0.0022i	0.0318-0.0004i	-0.0094+0.0026i	-13.0804-0.0648i	-9.5294+0.1560i	-10.6092+0.0708i	-10.5691+0.1220i
6.3	0.0052+0.0016i	0.0033+0.0015i	0.0332-0.0010i	-0.0091+0.0022i	-13.0878-0.0824i	-9.5510+0.1882i	-10.6170+0.0561i	-10.5765+0.1443i
6.4	0.0060+0.0011i	0.0040+0.0012i	0.0344-0.0015i	-0.0094+0.0021i	-13.0850-0.1177i	-9.5679+0.1972i	-10.6162+0.0360i	-10.5806+0.1473i
6.5	0.0065+0.0006i	0.0046+0.0008i	0.0355-0.0022i	-0.0097+0.0024i	-13.0869-0.1477i	-9.6218+0.2277i	-10.6158+0.0168i	-10.6125+0.1650i
6.6	0.0070+0.0000i	0.0053+0.0004i	0.0369-0.0029i	-0.0101+0.0025i	-13.0555-0.1906i	-9.7059+0.2698i	-10.5935-0.0146i	-10.6654+0.1885i
6.7	0.0073-0.0005i	0.0058+0.0000i	0.0383-0.0037i	-0.0110+0.0029i	-12.9602-0.2819i	-9.7678+0.2742i	-10.5401-0.0690i	-10.6938+0.1789i
6.8	0.0075-0.0009i	0.0063-0.0002i	0.0401-0.0047i	-0.0122+0.0036i	-12.8324-0.4053i	-9.8409+0.2911i	-10.4640-0.1388i	-10.7261+0.1768i
6.9	0.0079-0.0010i	0.0070-0.0004i	0.0429-0.0073i	-0.0142+0.0058i	-12.5871-0.7656i	-9.9172+0.3982i	-10.3251-0.3618i	-10.7452+0.2144i
7.0	0.0087-0.0013i	0.0081-0.0009i	0.0467-0.0123i	-0.0165+0.0105i	-12.2417-1.5186i	-10.0364+0.5262i	-10.1342-0.7979i	-10.7884+0.2276i
7.1	0.0095-0.0026i	0.0096-0.0024i	0.0470-0.0222i	-0.0151+0.0189i	-12.4671-2.8939i	-10.0605+0.7732i	-10.2737-1.5995i	-10.8273+0.2534i
7.2	0.0070-0.0051i	0.0076-0.0050i	0.0340-0.0296i	-0.0048+0.0229i	-14.3314-3.6939i	-9.7533+0.9524i	-11.3575-2.0548i	-10.8050+0.2939i
7.3	0.0018-0.0022i	0.0029-0.0030i	0.0195-0.0256i	0.0045+0.0223i	-16.3054-3.4748i	-9.4315+0.8685i	-12.5079-1.9133i	-10.7901+0.2703i
7.4	0.0030+0.0035i	0.0036+0.0012i	0.0141-0.0161i	0.0117+0.0188i	-17.5443-2.5150i	-9.3017+0.6358i	-13.2183-1.3444i	-10.8169+0.2237i
7.5	0.0081+0.0036i	0.0074+0.0016i	0.0183-0.0079i	0.0132+0.0106i	-17.5694-1.0627i	-9.4309+0.3924i	-13.2174-0.4987i	-10.8901+0.2013i
7.6	0.0101+0.0021i	0.0089+0.0007i	0.0231-0.0050i	0.0110+0.0060i	-17.1464-0.3946i	-9.5839+0.2909i	-12.9662-0.1220i	-10.9449+0.1918i
7.7	0.0109+0.0017i	0.0097+0.0005i	0.0260-0.0041i	0.0091+0.0044i	-16.8973-0.1561i	-9.7063+0.2729i	-12.8140+0.0142i	-10.9983+0.2024i
7.8	0.0120+0.0017i	0.0107+0.0003i	0.0282-0.0039i	0.0083+0.0041i	-16.8389-0.0895i	-9.7983+0.2774i	-12.7798+0.0475i	-11.0483+0.2096i
7.9	0.0134+0.0016i	0.0120+0.0004i	0.0298-0.0039i	0.0086+0.0039i	-17.0116-0.0452i	-9.8755+0.2732i	-12.8766+0.0721i	-11.1110+0.2094i
8.0	0.0141+0.0008i	0.0128-0.0000i	0.0310-0.0036i	0.0087+0.0030i	-17.1515+0.1493i	-9.9424+0.2325i	-12.9582+0.1885i	-11.1649+0.2005i
8.1	0.0146+0.0009i	0.0137-0.0003i	0.0325-0.0034i	0.0084+0.0027i	-17.2447+0.3172i	-10.0143+0.2070i	-13.0180+0.2853i	-11.2192+0.2010i
8.2	0.0157+0.0010i	0.0148-0.0003i	0.0338-0.0033i	0.0085+0.0026i	-17.4280+0.4767i	-10.0806+0.1960i	-13.1161+0.3745i	-11.2753+0.2109i
8.3	0.0170+0.0007i	0.0159-0.0005i	0.0353-0.0032i	0.0087+0.0023i	-17.5714+0.6679i	-10.1539+0.1762i	-13.1919+0.4786i	-11.3300+0.2149i
8.4	0.0181+0.0001i	0.0171-0.0011i	0.0369-0.0037i	0.0089+0.0018i	-17.6850+0.8574i	-10.2279+0.1768i	-13.2540+0.5869i	-11.3850+0.2317i
8.5	0.0193-0.0004i	0.0182-0.0015i	0.0385-0.0040i	0.0094+0.0016i	-17.8697+1.0260i	-10.2981+0.1655i	-13.3649+0.6864i	-11.4490+0.2401i
8.6	0.0201-0.0010i	0.0193-0.0019i	0.0397-0.0046i	0.0095+0.0014i	-18.0805+1.2012i	-10.3552+0.1485i	-13.4928+0.7892i	-11.5000+0.2452i
8.7	0.0214-0.0014i	0.0205-0.0024i	0.0415-0.0053i	0.0097+0.0015i	-18.3630+1.5070i	-10.4247+0.1122i	-13.6506+0.9601i	-11.5647+0.2512i
8.8	0.0225-0.0021i	0.0219-0.0031i	0.0430-0.0061i	0.0099+0.0015i	-18.6273+1.8207i	-10.4962+0.0706i	-13.7963+1.1508i	-11.6332+0.2549i
8.9	0.0238-0.0031i	0.0234-0.0041i	0.0447-0.0074i	0.0103+0.0016i	-18.9475+2.2124i	-10.5443+0.0331i	-13.9815+1.3922i	-11.6891+0.2694i
9.0	0.0250-0.0047i	0.0250-0.0061i	0.0463-0.0097i	0.0109+0.0015i	-19.1096+2.9629i	-10.6477-0.0430i	-14.0685+1.8255i	-11.7649+0.2879i
9.1	0.0249-0.0065i	0.0252-0.0079i	0.0470-0.0120i	0.0109+0.0016i	-19.0910+3.5434i	-10.7507-0.0744i	-14.0514+2.1699i	-11.8254+0.3249i
9.2	0.0258-0.0090i	0.0269-0.0109i	0.0495-0.0163i	0.0107+0.0025i	-19.8452+4.8370i	-10.8300-0.1987i	-14.4910+2.9255i	-11.9452+0.3632i
9.3	0.0256-0.0113i	0.0271-0.0142i	0.0497-0.0214i	0.0112+0.0039i	-19.8363+6.5611i	-10.9241-0.4370i	-14.4713+3.9307i	-12.0006+0.3657i
9.4	0.0216-0.0125i	0.0226-0.0172i	0.0425-0.0261i	0.0136+0.0059i	-17.2837+8.3580i	-11.3203-0.6912i	-12.9550+4.9874i	-12.0128+0.3617i
9.5	0.0176-0.0093i	0.0166-0.0148i	0.0330-0.0233i	0.0169+0.0061i	-14.0068+7.7217i	-11.8308-0.6249i	-11.0251+4.5944i	-12.0389+0.3422i
9.6	0.0171-0.0044i	0.0149-0.0093i	0.0291-0.0164i	0.0197+0.0054i	-12.2497+5.7065i	-12.2467-0.4189i	-9.9885+3.4003i	-12.1452+0.2892i
9.7	0.0200-0.0018i	0.0173-0.0059i	0.0314-0.0116i	0.0209+0.0044i	-12.5412+4.1142i	-12.3584-0.2069i	-10.1592+2.4627i	-12.2412+0.2795i
9.8	0.0239-0.0001i	0.0208-0.0037i	0.0350-0.0081i	0.0222+0.0033i	-13.2012+2.8666i	-12.4508-0.0260i	-10.5371+1.7245i	-12.3547+0.2800i
9.9	0.0269+0.0006i	0.0236-0.0027i	0.0378-0.0063i	0.0236+0.0026i	-13.6269+2.1827i	-12.5589+0.0767i	-10.7846+1.3288i	-12.4547+0.2868i
10.0	0.0298+0.0002i	0.0265-0.0025i	0.0408-0.0055i	0.0249+0.0021i	-14.1476+1.7214i	-12.6548+0.1659i	-11.0801+1.0571i	-12.5577+0.3037i
10.1	0.0326-0.0009i	0.0294-0.0029i	0.0436-0.0057i	0.0262+0.0011i	-14.7129+1.4027i	-12.7587+0.2412i	-11.4109+0.8663i	-12.6746+0.3186i
10.2	0.0343-0.0023i	0.0313-0.0042i	0.0456-0.0065i	0.0271+0.0001i	-15.1866+1.3283i	-12.8440+0.3415i	-11.6872+0.8199i	-12.7685+0.3762i
10.3	0.0356-0.0030i	0.0328-0.0050i	0.0470-0.0071i	0.0279-0.0003i	-15.5486+1.2960i	-12.9550+0.3715i	-11.8931+0.7919i	-12.8701+0.3895i
10.4	0.0363-0.0036i	0.0336-0.0054i	0.0477-0.0072i	0.0287-0.0005i	-15.8055+1.2982i	-13.0497+0.3936i	-12.0312+0.7884i	-12.9495+0.4069i
10.5	0.0379-0.0032i	0.0352-0.0047i	0.0490-0.0068i	0.0303-0.0004i	-16.0392+1.1980i	-13.2073+0.3533i	-12.1641+0.7308i	-13.0693+0.3689i
10.6	0.0406-0.0034i	0.0382-0.0048i	0.0509-0.0069i	0.0323-0.0010i	-16.2837+1.0744i	-13.3997+0.3963i	-12.2917+0.6514i	-13.2082+0.3820i
10.7	0.0425-0.0043i	0.0402-0.0057i	0.0530-0.0068i	0.0338-0.0022i	-16.5588+0.9662i	-13.5673+0.4811i	-12.4419+0.5976i	-13.3337+0.4345i
10.8	0.0439-0.0052i	0.0418-0.0066i	0.0548-0.0071i	0.0349-0.0031i	-16.8854+0.8767i	-13.6979+0.5169i	-12.6424+0.5394i	-13.4433+0.4446i
10.9	0.0455-0.0054i	0.0435-0.0071i	0.0563-0.0072i	0.0359-0.0035i	-17.2027+0.8104i	-13.8361+0.5256i	-12.8090+0.4891i	-13.5532+0.4412i
11.0	0.0477-0.0058i	0.0459-0.0070i	0.0586-0.0074i	0.0375-0.0035i	-17.5656+0.8156i	-14.0659+0.5514i	-13.0146+0.4884i	-13.7350+0.4560i
11.1	0.0493-0.0064i	0.0473-0.0078i	0.0600-0.0079i	0.0386-0.0042i	-17.8498+0.8843i	-14.2480+0.6433i	-13.1903+0.5290i	-13.8765+0.5237i
11.2	0.0513-0.0071i	0.0493-0.0085i	0.0618-0.0084i	0.0401-0.0050i	-18.1401+0.8480i	-14.4440+0.6612i	-13.3378+0.5119i	-14.0180+0.5311i
11.3	0.0532-0.0075i	0.0515-0.0088i	0.0638-0.0087i	0.0418-0.0054i	-18.4316+0.8145i	-14.6141+0.6764i	-13.5001+0.4880i	-14.1450+0.5368i
11.4	0.0552-0.0081i	0.0539-0.0091i	0.0658-0.0090i	0.0434-0.0058i	-18.7824+0.8533i	-14.8562+0.7760i	-13.6850+0.5102i	-14.3254+0.6096i
11.5	0.0571-0.0083i	0.0559-0.0090i	0.0674-0.0090i	0.0448-0.0058i	-19.0835+0.8469i	-15.0484+0.7922i	-13.8531+0.4975i	-14.4756+0.6175i
11.6	0.0598-0.0079i	0.0590-0.0089i	0.0699-0.0088i	0.0470-0.0055i	-19.4080+0.8212i	-15.2959+0.8019i	-14.0193+0.4867i	-14.6482+0.6236i
11.7	0.0626-0.0084i	0.0619-0.0097i	0.0725-0.0093i	0.0494-0.0060i	-19.7627+0.9123i	-15.5312+0.8939i	-14.2140+0.5428i	-14.8187+0.6972i
11.8	0.0655-0.0097i	0.0651-0.0109i	0.0751-0.0103i	0.0517-0.0072i	-20.1174+1.0119i	-15.7880+0.9764i	-14.4237+0.5784i	-15.0125+0.7503i
11.9	0.0684-0.0101i	0.0684-0.0113i	0.0776-0.0110i	0.0541-0.0076i	-20.4156+1.0177i	-15.9946+1.0046i	-14.5744+0.5805i	-15.1535+0.7683i

12.0	0.0726-0.0097i	0.0731-0.0114i	0.0813-0.0112i	0.0575-0.0074i	-20.8418+1.0275i	-16.3461+1.0144i	-14.7998+0.5750i	-15.4045+0.7765i
12.1	0.0759-0.0104i	0.0772-0.0121i	0.0844-0.0116i	0.0603-0.0079i	-21.1986+1.0768i	-16.6593+1.0410i	-15.0029+0.6065i	-15.6294+0.7988i
12.2	0.0808-0.0122i	0.0824-0.0141i	0.0886-0.0132i	0.0641-0.0090i	-21.6322+1.1817i	-17.0428+1.1127i	-15.2338+0.6453i	-15.8991+0.8449i
12.3	0.0847-0.0135i	0.0868-0.0164i	0.0920-0.0146i	0.0674-0.0102i	-21.9774+1.2740i	-17.3459+1.1879i	-15.4024+0.6858i	-16.1088+0.8946i
12.4	0.0892-0.0148i	0.0916-0.0189i	0.0953-0.0160i	0.0711-0.0117i	-22.3216+1.3198i	-17.6878+1.2409i	-15.5918+0.7026i	-16.3461+0.9269i
12.5	0.0937-0.0182i	0.0961-0.0241i	0.0991-0.0194i	0.0753-0.0144i	-22.7537+1.4767i	-18.1292+1.4292i	-15.8287+0.7952i	-16.6577+1.0551i
12.6	0.0970-0.0213i	0.0989-0.0283i	0.1015-0.0223i	0.0779-0.0172i	-23.1260+1.5397i	-18.4559+1.5650i	-16.0174+0.8247i	-16.8793+1.1376i
12.7	0.1003-0.0241i	0.1019-0.0320i	0.1041-0.0246i	0.0809-0.0197i	-23.4759+1.6185i	-18.8600+1.6996i	-16.2062+0.8467i	-17.1621+1.2254i
12.8	0.1035-0.0268i	0.1033-0.0356i	0.1061-0.0267i	0.0831-0.0219i	-23.9741+1.7221i	-19.2983+1.8412i	-16.4730+0.9059i	-17.4804+1.3215i
12.9	0.1054-0.0286i	0.1025-0.0375i	0.1072-0.0281i	0.0840-0.0235i	-24.3927+1.7678i	-19.5864+1.9679i	-16.7004+0.9213i	-17.6897+1.3994i
13.0	0.1084-0.0290i	0.1037-0.0369i	0.1094-0.0282i	0.0863-0.0237i	-24.8865+1.7435i	-20.0425+2.0067i	-16.9728+0.8862i	-18.0196+1.4071i
13.1	0.1118-0.0288i	0.1066-0.0357i	0.1125-0.0282i	0.0897-0.0238i	-25.5114+1.8408i	-20.5742+2.1329i	-17.3085+0.9410i	-18.4002+1.5041i
13.2	0.1169-0.0285i	0.1114-0.0343i	0.1169-0.0279i	0.0939-0.0234i	-26.0725+1.9881i	-21.1047+2.2216i	-17.6198+1.0350i	-18.7791+1.5820i
13.3	0.1243-0.0284i	0.1189-0.0328i	0.1227-0.0277i	0.0996-0.0226i	-26.6848+2.1078i	-21.7483+2.3086i	-17.9431+1.1063i	-19.2232+1.6469i
13.4	0.1312-0.0291i	0.1268-0.0320i	0.1288-0.0280i	0.1055-0.0229i	-27.3077+2.2741i	-22.4125+2.3811i	-18.2479+1.1957i	-19.6834+1.6983i
13.5	0.1399-0.0307i	0.1362-0.0322i	0.1359-0.0288i	0.1130-0.0237i	-27.9832+2.3937i	-23.1908+2.4822i	-18.6002+1.2357i	-20.2226+1.7617i
13.6	0.1494-0.0327i	0.1470-0.0343i	0.1439-0.0307i	0.1214-0.0253i	-28.6868+2.6472i	-24.0443+2.7400i	-18.9562+1.3574i	-20.8009+1.9451i
13.7	0.1579-0.0356i	0.1568-0.0374i	0.1507-0.0333i	0.1290-0.0278i	-29.2417+2.8355i	-24.8408+3.0534i	-19.2384+1.4512i	-21.3383+2.1563i
13.8	0.1689-0.0379i	0.1690-0.0402i	0.1596-0.0357i	0.1392-0.0302i	-29.9877+2.9426i	-25.8640+3.3057i	-19.6196+1.5089i	-22.0307+2.3145i
13.9	0.1805-0.0416i	0.1813-0.0446i	0.1692-0.0389i	0.1488-0.0340i	-30.7450+3.1345i	-26.9184+3.6997i	-19.9939+1.5928i	-22.7424+2.5720i
14.0	0.1942-0.0456i	0.1958-0.0498i	0.1805-0.0425i	0.1597-0.0382i	-31.6527+3.3751i	-28.1810+4.1474i	-20.4453+1.6839i	-23.5953+2.8738i
14.1	0.2090-0.0513i	0.2116-0.0566i	0.1924-0.0473i	0.1723-0.0435i	-32.7040+3.6129i	-29.4741+4.7228i	-20.9592+1.7858i	-24.4694+3.2503i
14.2	0.2250-0.0567i	0.2277-0.0637i	0.2053-0.0522i	0.1856-0.0489i	-33.5889+3.7202i	-30.7948+5.2785i	-21.3838+1.8246i	-25.3366+3.5963i
14.3	0.2433-0.0669i	0.2457-0.0750i	0.2199-0.0611i	0.2003-0.0576i	-34.6950+4.1150i	-32.3440+6.2271i	-21.9149+1.9700i	-26.3761+4.2075i
14.4	0.2638-0.0787i	0.2667-0.0880i	0.2363-0.0709i	0.2171-0.0677i	-35.9661+4.3605i	-34.1348+7.2822i	-22.5599+2.0167i	-27.5933+4.8735i
14.5	0.2825-0.0931i	0.2852-0.1033i	0.2512-0.0827i	0.2317-0.0797i	-36.9997+4.6289i	-35.7431+8.4683i	-23.0686+2.0572i	-28.6661+5.6104i
14.6	0.3074-0.1186i	0.3103-0.1311i	0.2713-0.1040i	0.2515-0.1020i	-38.7375+5.2184i	-37.9115+10.7908i	-23.8960+2.2280i	-30.1279+7.0927i
14.7	0.3201-0.1412i	0.3229-0.1555i	0.2816-0.1226i	0.2616-0.1213i	-39.8695+5.8265i	-39.0489+12.7660i	-24.4893+2.4210i	-30.9193+8.3533i
14.8	0.3333-0.1686i	0.3369-0.1872i	0.2925-0.1458i	0.2723-0.1451i	-41.4310+6.1177i	-40.2985+15.0563i	-25.3396+2.3852i	-31.8172+9.7502i
14.9	0.3460-0.1875i	0.3464-0.2136i	0.3022-0.1638i	0.2815-0.1627i	-43.4361+6.5779i	-41.5159+16.7340i	-26.4698+2.5344i	-32.7426+10.8176i
15.0	0.3684-0.2019i	0.3570-0.2230i	0.3161-0.1740i	0.2957-0.1723i	-45.3699+7.4254i	-43.5867+17.9535i	-27.4441+2.9673i	-34.1704+11.6430i
15.1	0.4133-0.2300i	0.4047-0.2442i	0.3530-0.1946i	0.3334-0.1923i	-48.0222+8.6582i	-47.9029+20.6034i	-28.6792+3.4726i	-37.0382+13.3892i
15.2	0.4504-0.2533i	0.4443-0.2696i	0.3835-0.2149i	0.3649-0.2123i	-50.1327+9.3676i	-51.4343+22.9682i	-29.6474+3.6995i	-39.3731+14.9000i
15.3	0.5061-0.3082i	0.4980-0.3274i	0.4270-0.2612i	0.4088-0.2590i	-52.8013+10.8765i	-56.2333+28.5486i	-30.8087+4.0662i	-42.4904+18.4450i
15.4	0.5934-0.4072i	0.5818-0.4302i	0.4941-0.3435i	0.4778-0.3411i	-55.9245+12.5778i	-63.6743+38.0908i	-31.9857+4.1913i	-47.2584+24.3935i
15.5	0.6458-0.5428i	0.6292-0.5672i	0.5320-0.4536i	0.5178-0.4519i	-58.5657+14.2032i	-67.7786+50.8159i	-33.2293+3.9426i	-49.9443+32.2624i
15.6	0.6369-0.7418i	0.6133-0.7632i	0.5200-0.6120i	0.5067-0.6116i	-61.6052+16.6868i	-66.0228+69.0758i	-35.2686+3.6967i	-49.0979+43.5649i
15.7	0.5079-0.9849i	0.4752-0.9998i	0.4096-0.8022i	0.3970-0.8050i	-65.4844+20.2440i	-52.4955+90.9708i	-39.0229+3.8151i	-41.1705+57.1398i
15.8	0.2947-1.1833i	0.2576-1.1880i	0.2342-0.9540i	0.2220-0.9602i	-69.9960+23.1985i	-31.4630+108.3835i	-43.8680+3.9809i	-28.7524+67.9126i
15.9	-0.0039-1.2380i	-0.0374-1.2305i	-0.0043-0.9891i	-0.0183-0.9979i	-74.5252+28.9360i	-3.0966+111.6488i	-49.4027+7.2157i	-11.9370+70.2989i
16.0	-0.3044-1.1342i	-0.3290-1.1176i	-0.2402-0.8986i	-0.2567-0.9078i	-79.7732+35.9124i	25.2587+100.0044i	-55.4000+12.6541i	4.7779+63.7683i
16.1	-0.4586-0.9872i	-0.4746-0.9685i	-0.3585-0.7773i	-0.3762-0.7870i	-83.3495+42.1007i	39.6033+84.9711i	-59.0183+17.9180i	13.1266+55.1496i
16.2	-0.5363-0.8063i	-0.5423-0.7891i	-0.4143-0.6312i	-0.4329-0.6415i	-87.9775+51.5371i	46.6673+66.5185i	-62.5686+25.5891i	16.9583+44.7665i
16.3	-0.5534-0.6540i	-0.5507-0.6395i	-0.4231-0.5095i	-0.4415-0.5195i	-93.5193+64.0517i	48.1384+50.1925i	-66.1093+34.9402i	17.3091+35.9362i
16.4	-0.5041-0.5667i	-0.4976-0.5571i	-0.3807-0.4411i	-0.3988-0.4507i	-94.3902+78.4945i	42.9195+40.0046i	-66.0832+44.8969i	14.0163+31.0387i
16.5	-0.4560-0.4828i	-0.4448-0.4826i	-0.3388-0.3776i	-0.3558-0.3873i	-92.4728+101.5822i	36.8286+29.2372i	-64.2609+60.2076i	10.4388+26.5474i
16.6	-0.4134-0.4578i	-0.3988-0.4664i	-0.3019-0.3601i	-0.3178-0.3727i	-85.4086+123.3209i	30.5211+24.4615i	-59.2764+74.0831i	7.1879+25.5863i
16.7	-0.3870-0.4850i	-0.3757-0.5034i	-0.2808-0.3843i	-0.2974-0.4024i	-66.5373+146.6179i	25.0036+25.3396i	-47.0526+88.3780i	5.4784+28.2193i
16.8	-0.4159-0.5125i	-0.4128-0.5368i	-0.3066-0.4080i	-0.3266-0.4288i	-41.5731+159.5655i	25.0751+27.1125i	-31.5797+96.2091i	7.7390+30.4639i
16.9	-0.4851-0.4761i	-0.4900-0.5039i	-0.3619-0.3789i	-0.3865-0.4006i	-8.4363+162.6260i	26.8834+22.8749i	-11.2268+98.4572i	11.7374+28.1446i
17.0	-0.5153-0.4199i	-0.5282-0.4490i	-0.3852-0.3348i	-0.4129-0.3552i	24.0072+157.4734i	24.1529+18.3487i	9.0745+95.6839i	12.8833+24.9420i
17.1	-0.5342-0.4071i	-0.5548-0.4316i	-0.4024-0.3236i	-0.4322-0.3449i	41.5561+145.3846i	24.2380+19.9800i	19.8968+88.0492i	14.4986+24.9048i
17.2	-0.5822-0.3469i	-0.6057-0.3651i	-0.4388-0.2727i	-0.4742-0.2935i	60.2209+130.2978i	26.4426+15.7626i	31.1814+79.1082i	17.4602+20.9996i
17.3	-0.5621-0.2609i	-0.5868-0.2747i	-0.4208-0.2050i	-0.4569-0.2205i	71.0416+108.2230i	21.7829+10.4223i	38.3340+65.9218i	15.5425+15.8102i
17.4	-0.5189-0.2160i	-0.5436-0.2270i	-0.3854-0.1705i	-0.4195-0.1845i	73.8156+87.5521i	16.0120+10.2922i	40.6136+53.1526i	12.2538+13.9593i
17.5	-0.5018-0.2057i	-0.5265-0.2140i	-0.3722-0.1619i	-0.4058-0.1771i	73.1575+76.3348i	14.7807+11.8867i	40.3483+46.0713i	11.4675+13.9771i
17.6	-0.4998-0.1816i	-0.5245-0.1869i	-0.3697-0.1419i	-0.4058-0.1571i	73.7387+63.7809i	15.1323+11.8696i	40.6734+38.3361i	11.7548+12.8928i
17.7	-0.4828-0.1594i	-0.5060-0.1630i	-0.3540-0.1249i	-0.3919-0.1385i	71.2911+53.2669i	13.3925+11.5942i	39.3275+31.8392i	10.4686+11.8064i
17.8	-0.4669-0.1450i	-0.4887-0.1475i	-0.3401-0.1148i	-0.3790-0.1278i	68.0894+43.8840i	12.2768+12.4015i	37.4366+25.9303i	9.5133+11.5007i
17.9	-0.4593-0.1376i	-0.4814-0.1393i	-0.3345-0.1102i	-0.3737-0.1222i	65.2067+38.1469i	12.4504+13.2679i	35.5905+22.2979i	9.3784+11.5468i
18.0	-0.4538-0.1245i	-0.4757-0.1254i	-0.3305-0.1004i	-0.3702-0.1110i	61.4454+31.5433i	13.1764+13.2582i	33.2129+18.1833i	9.5164+10.9560i
18.1	-0.4509-0.1107i	-0.4718-0.1110i	-0.3278-0.0893i	-0.3677-0.0991i	57.8196+26.6426i	13.7277+12.5371i	30.8822+15.2216i	9.5284+10.0808i
18.2	-0.4399-0.0937i	-0.4595-0.0938i	-0.3184-0.0761i	-0.3586-0.0851i	53.0915+22.0141i	13.5150+11.5793i	27.9687+12.4580i	8.9947+9.0910i

18.3	-0.4307-0.0830i	-0.4502-0.0833i	-0.3107-0.0678i	-0.3519-0.0767i	49.6167+19.3636i	13.3109+10.9764i	25.8315+10.8796i	8.5726+8.4963i
18.4	-0.4233-0.0730i	-0.4423-0.0724i	-0.3038-0.0596i	-0.3456-0.0680i	46.8228+17.1902i	12.8280+10.2601i	24.1116+9.6220i	8.0248+7.8714i
18.5	-0.4154-0.0656i	-0.4337-0.0647i	-0.2960-0.0541i	-0.3389-0.0619i	44.1874+15.8473i	12.0129+9.8175i	22.5514+8.8290i	7.2868+7.4851i
18.6	-0.4089-0.0577i	-0.4270-0.0569i	-0.2889-0.0504i	-0.3341-0.0554i	42.1693+13.6691i	11.3377+10.2618i	21.3798+7.4375i	6.6994+7.5945i
18.7	-0.4051-0.0527i	-0.4242-0.0525i	-0.2876-0.0490i	-0.3313-0.0513i	39.9356+11.7338i	11.9228+10.7803i	19.9181+6.1837i	6.8740+7.7492i
18.8	-0.4013-0.0434i	-0.4204-0.0428i	-0.2865-0.0419i	-0.3284-0.0429i	37.0903+9.8841i	12.9981+10.0606i	18.0340+5.1048i	7.3086+7.1400i
18.9	-0.3964-0.0348i	-0.4149-0.0343i	-0.2830-0.0349i	-0.3237-0.0352i	34.7056+8.8524i	13.0800+8.9284i	16.5505+4.5904i	7.1589+6.3434i
19.0	-0.3916-0.0272i	-0.4102-0.0274i	-0.2790-0.0288i	-0.3195-0.0292i	32.7199+8.4593i	12.8690+7.9477i	15.3352+4.4365i	6.8541+5.6965i
19.1	-0.3872-0.0194i	-0.4059-0.0199i	-0.2751-0.0225i	-0.3150-0.0229i	30.9409+7.8204i	12.4063+7.0831i	14.2741+4.1536i	6.4089+5.1106i
19.2	-0.3846-0.0119i	-0.4031-0.0129i	-0.2724-0.0169i	-0.3116-0.0172i	29.3788+7.0919i	11.8252+6.3283i	13.3466+3.7819i	5.8975+4.5792i
19.3	-0.3797-0.0054i	-0.3996-0.0068i	-0.2684-0.0122i	-0.3074-0.0124i	27.7541+6.6549i	11.2041+5.7270i	12.3992+3.5636i	5.3594+4.1629i
19.4	-0.3741+0.0021i	-0.3952+0.0002i	-0.2639-0.0067i	-0.3025-0.0069i	26.2606+6.2047i	10.5848+5.2805i	11.5328+3.3465i	4.8450+3.8628i
19.5	-0.3732+0.0091i	-0.3942+0.0068i	-0.2624-0.0021i	-0.3007-0.0022i	25.2611+5.8980i	10.1294+4.9132i	10.9411+3.1923i	4.4650+3.6196i
19.6	-0.3670+0.0159i	-0.3909+0.0140i	-0.2588+0.0026i	-0.2968+0.0024i	24.0078+5.8333i	9.6443+4.7993i	10.2224+3.1704i	4.0542+3.5504i
19.7	-0.3616+0.0200i	-0.3874+0.0196i	-0.2549+0.0065i	-0.2923+0.0059i	22.6192+5.7707i	9.0156+4.4848i	9.4187+3.1607i	3.5356+3.3475i
19.8	-0.3587+0.0250i	-0.3855+0.0256i	-0.2523+0.0102i	-0.2900+0.0091i	21.9191+5.6859i	8.5484+4.3838i	9.0031+3.1259i	3.1781+3.2852i
19.9	-0.3529+0.0291i	-0.3817+0.0308i	-0.2480+0.0136i	-0.2868+0.0122i	21.0453+5.6873i	8.2223+4.2673i	8.5003+3.1550i	2.8969+3.2222i
20.0	-0.3492+0.0320i	-0.3798+0.0358i	-0.2456+0.0161i	-0.2846+0.0151i	20.2450+5.6436i	7.8591+4.0730i	8.0535+3.1484i	2.5993+3.0965i
20.1	-0.3482+0.0345i	-0.3802+0.0400i	-0.2443+0.0183i	-0.2838+0.0177i	19.7243+5.4808i	7.4311+3.8250i	7.7873+3.0646i	2.2929+2.9317i
20.2	-0.3464+0.0379i	-0.3797+0.0468i	-0.2425+0.0216i	-0.2825+0.0218i	19.0625+5.2130i	7.0111+3.6175i	7.4066+2.9375i	1.9696+2.7904i
20.3	-0.3458+0.0434i	-0.3794+0.0549i	-0.2419+0.0256i	-0.2813+0.0263i	18.5335+5.1216i	6.5526+3.6501i	7.1026+2.8870i	1.6285+2.8125i
20.4	-0.3485+0.0484i	-0.3835+0.0626i	-0.2434+0.0297i	-0.2826+0.0307i	17.9484+4.9594i	6.0884+3.5597i	6.7865+2.8004i	1.2780+2.7510i
20.5	-0.3506+0.0550i	-0.3869+0.0728i	-0.2444+0.0351i	-0.2836+0.0360i	17.4901+4.9864i	5.6698+3.5424i	6.5633+2.8222i	0.9730+2.7553i
20.6	-0.3510+0.0674i	-0.3862+0.0902i	-0.2435+0.0443i	-0.2828+0.0452i	17.0791+4.9080i	5.2653+3.7603i	6.3333+2.7637i	0.6726+2.9143i
20.7	-0.3481+0.0821i	-0.3811+0.1092i	-0.2404+0.0547i	-0.2799+0.0563i	16.7363+4.6858i	4.9391+3.9997i	6.1555+2.6267i	0.4465+3.0745i
20.8	-0.3424+0.0930i	-0.3728+0.1243i	-0.2357+0.0626i	-0.2751+0.0640i	16.4147+4.4797i	4.7689+4.2558i	5.9779+2.4934i	0.3239+3.2318i
20.9	-0.3325+0.0997i	-0.3589+0.1352i	-0.2281+0.0679i	-0.2676+0.0696i	16.1957+4.3928i	4.8498+4.3627i	5.8241+2.4095i	0.3661+3.2986i
21.0	-0.3232+0.1073i	-0.3456+0.1470i	-0.2206+0.0743i	-0.2597+0.0759i	15.8625+4.1133i	4.7572+4.4011i	5.6428+2.2414i	0.2926+3.3203i
21.1	-0.3184+0.1120i	-0.3386+0.1523i	-0.2161+0.0772i	-0.2561+0.0794i	15.5429+3.8861i	4.6544+4.4397i	5.4481+2.0841i	0.1987+3.3200i
21.2	-0.3123+0.1125i	-0.3265+0.1534i	-0.2102+0.0777i	-0.2504+0.0804i	15.1775+3.5419i	4.5509+4.3087i	5.2409+1.8940i	0.1191+3.2061i
21.3	-0.3041+0.1106i	-0.3108+0.1514i	-0.2029+0.0764i	-0.2427+0.0795i	14.7974+3.3454i	4.4748+4.1997i	5.0250+1.7796i	0.0522+3.1153i
21.4	-0.2994+0.1138i	-0.3014+0.1541i	-0.1981+0.0780i	-0.2375+0.0819i	14.3454+3.0697i	4.3397+4.1309i	4.7769+1.6179i	-0.0658+3.0477i
21.5	-0.2980+0.1150i	-0.2954+0.1540i	-0.1954+0.0783i	-0.2348+0.0823i	13.9605+2.8107i	4.1831+4.0510i	4.5598+1.4709i	-0.2014+2.9765i
21.6	-0.2948+0.1167i	-0.2870+0.1537i	-0.1919+0.0791i	-0.2309+0.0830i	13.5999+2.6685i	4.1204+4.0539i	4.3324+1.3839i	-0.2744+2.9714i
21.7	-0.2977+0.1199i	-0.2873+0.1535i	-0.1928+0.0801i	-0.2313+0.0842i	13.1432+2.4449i	3.8540+3.9751i	4.0861+1.2410i	-0.4837+2.9080i
21.8	-0.3046+0.1232i	-0.2915+0.1534i	-0.1960+0.0812i	-0.2340+0.0852i	12.6642+2.3041i	3.4927+3.9254i	3.8405+1.1401i	-0.7616+2.8620i
21.9	-0.3111+0.1316i	-0.2965+0.1591i	-0.1994+0.0857i	-0.2371+0.0897i	12.2441+2.2124i	3.1377+3.9861i	3.6178+1.0726i	-1.0331+2.9010i
22.0	-0.3193+0.1387i	-0.3033+0.1619i	-0.2041+0.0887i	-0.2413+0.0929i	11.8829+2.0534i	2.8100+4.0159i	3.4226+0.9824i	-1.2792+2.9140i
22.1	-0.3227+0.1506i	-0.3053+0.1701i	-0.2054+0.0953i	-0.2423+0.0988i	11.4734+1.9468i	2.5489+4.1954i	3.1771+0.9040i	-1.4883+3.0276i
22.2	-0.3223+0.1680i	-0.3032+0.1841i	-0.2044+0.1047i	-0.2416+0.1084i	11.1523+1.9452i	2.4479+4.4781i	2.9954+0.8726i	-1.5863+3.2339i
22.3	-0.3304+0.1949i	-0.3119+0.2076i	-0.2097+0.1206i	-0.2466+0.1236i	10.7524+1.9304i	2.1100+4.8888i	2.7929+0.8245i	-1.8465+3.5269i
22.4	-0.3300+0.2242i	-0.3110+0.2334i	-0.2087+0.1380i	-0.2456+0.1399i	10.4334+1.9717i	1.9775+5.3474i	2.5949+0.7880i	-1.9591+3.8517i
22.5	-0.3225+0.2553i	-0.3043+0.2598i	-0.2040+0.1562i	-0.2415+0.1580i	10.1389+1.9583i	1.9447+5.7956i	2.4058+0.7490i	-1.9940+4.1812i
22.6	-0.2999+0.2986i	-0.2843+0.2997i	-0.1912+0.1820i	-0.2285+0.1836i	9.8809+2.0120i	2.1584+6.4723i	2.2170+0.7193i	-1.8538+4.6691i
22.7	-0.2595+0.3359i	-0.2461+0.3345i	-0.1668+0.2044i	-0.2044+0.2059i	9.7323+2.0274i	2.7340+7.0222i	2.0662+0.6677i	-1.4561+5.0655i
22.8	-0.2003+0.3498i	-0.1898+0.3471i	-0.1312+0.2128i	-0.1692+0.2142i	9.5938+2.0601i	3.5853+7.2043i	1.9068+0.6551i	-0.8629+5.1901i
22.9	-0.1437+0.3500i	-0.1367+0.3462i	-0.0971+0.2130i	-0.1360+0.2142i	9.4484+1.9697i	4.3333+7.1156i	1.7546+0.6245i	-0.3366+5.1203i
23.0	-0.0819+0.3200i	-0.0769+0.3163i	-0.0592+0.1943i	-0.0982+0.1962i	9.2781+1.8236i	5.1767+6.5568i	1.5785+0.5803i	0.2571+4.7071i
23.1	-0.0359+0.2853i	-0.0330+0.2837i	-0.0313+0.1737i	-0.0703+0.1761i	9.1613+1.6399i	5.7904+5.8856i	1.4178+0.5313i	0.6869+4.2218i
23.2	-0.0116+0.2422i	-0.0100+0.2407i	-0.0163+0.1473i	-0.0555+0.1500i	8.9031+1.5257i	5.9615+5.0877i	1.2582+0.5205i	0.8023+3.6447i
23.3	-0.0155+0.2071i	-0.0143+0.2052i	-0.0187+0.1258i	-0.0580+0.1285i	8.6515+1.4748i	5.7180+4.5499i	1.1416+0.5282i	0.6146+3.2549i
23.4	-0.0109+0.1673i	-0.0104+0.1670i	-0.0153+0.1023i	-0.0553+0.1047i	8.4384+1.3497i	5.6089+3.9074i	1.0033+0.5163i	0.5138+2.7963i
23.5	-0.0177+0.1441i	-0.0170+0.1426i	-0.0193+0.0879i	-0.0594+0.0901i	8.2210+1.2721i	5.3258+3.4951i	0.8747+0.5015i	0.2952+2.5010i
23.6	-0.0254+0.1173i	-0.0237+0.1160i	-0.0234+0.0715i	-0.0639+0.0739i	7.9684+1.1002i	5.0252+3.0560i	0.7505+0.4493i	0.0684+2.1864i
23.7	-0.0387+0.1012i	-0.0363+0.0989i	-0.0311+0.0609i	-0.0718+0.0639i	7.7753+1.0139i	4.7196+2.8234i	0.6493+0.4402i	-0.1651+2.0206i
23.8	-0.0495+0.0841i	-0.0488+0.0812i	-0.0381+0.0500i	-0.0788+0.0537i	7.5649+1.0376i	4.3779+2.5947i	0.5268+0.4525i	-0.4290+1.8527i
23.9	-0.0637+0.0736i	-0.0638+0.0700i	-0.0471+0.0435i	-0.0877+0.0471i	7.3159+1.0194i	4.0085+2.4786i	0.3947+0.4543i	-0.7162+1.7685i
24.0	-0.0736+0.0674i	-0.0741+0.0635i	-0.0537+0.0397i	-0.0935+0.0428i	7.0988+0.9480i	3.7559+2.3771i	0.2911+0.4108i	-0.9097+1.6918i
24.1	-0.0815+0.0639i	-0.0848+0.0589i	-0.0594+0.0370i	-0.0994+0.0409i	6.8552+0.9594i	3.5203+2.3218i	0.1584+0.4030i	-1.0930+1.6525i
24.2	-0.0918+0.0592i	-0.0970+0.0536i	-0.0655+0.0341i	-0.1061+0.0382i	6.6600+0.9618i	3.2598+2.2740i	0.0519+0.4162i	-1.2994+1.6201i
24.3	-0.1029+0.0522i	-0.1092+0.0475i	-0.0726+0.0303i	-0.1133+0.0341i	6.4015+0.9280i	2.9266+2.1624i	-0.0923+0.3995i	-1.5522+1.5406i
24.4	-0.1101+0.0510i	-0.1167+0.0465i	-0.0773+0.0296i	-0.1182+0.0335i	6.1882+0.8991i	2.7281+2.1267i	-0.1993+0.3901i	-1.7103+1.5216i
24.5	-0.1169+0.0504i	-0.1252+0.0469i	-0.0818+0.0296i	-0.1232+0.0337i	6.0524+0.9307i	2.5215+2.1545i	-0.2700+0.4034i	-1.8740+1.5480i

24.6	-0.1244+0.0518i	-0.1346+0.0485i	-0.0867+0.0305i	-0.1284+0.0348i	5.8646+0.9260i	2.2811+2.1926i	-0.3565+0.4164i	-2.0573+1.5761i
24.7	-0.1312+0.0518i	-0.1419+0.0489i	-0.0911+0.0307i	-0.1328+0.0346i	5.6832+0.9182i	2.0628+2.2009i	-0.4408+0.4182i	-2.2207+1.5822i
24.8	-0.1385+0.0516i	-0.1503+0.0500i	-0.0960+0.0313i	-0.1379+0.0354i	5.5119+0.9485i	1.8397+2.2280i	-0.5287+0.4130i	-2.3963+1.6057i
24.9	-0.1460+0.0515i	-0.1591+0.0504i	-0.0998+0.0313i	-0.1434+0.0356i	5.2995+0.9960i	1.5534+2.2673i	-0.6366+0.4490i	-2.6153+1.6323i
25.0	-0.1518+0.0538i	-0.1659+0.0539i	-0.1040+0.0332i	-0.1475+0.0377i	5.1588+0.9811i	1.3495+2.3378i	-0.7188+0.4268i	-2.7703+1.6889i
25.1	-0.1574+0.0554i	-0.1732+0.0570i	-0.1083+0.0345i	-0.1512+0.0394i	5.0075+1.0059i	1.1392+2.3989i	-0.8082+0.4248i	-2.9420+1.7390i
25.2	-0.1654+0.0582i	-0.1819+0.0606i	-0.1132+0.0362i	-0.1566+0.0422i	4.8258+0.9792i	0.8437+2.4893i	-0.9017+0.4223i	-3.1586+1.8125i
25.3	-0.1708+0.0603i	-0.1875+0.0639i	-0.1168+0.0380i	-0.1603+0.0444i	4.6928+1.0145i	0.6493+2.5784i	-0.9588+0.4229i	-3.3024+1.8726i
25.4	-0.1771+0.0648i	-0.1939+0.0707i	-0.1210+0.0419i	-0.1644+0.0488i	4.5539+1.0816i	0.4335+2.7573i	-1.0174+0.4445i	-3.4651+2.0119i
25.5	-0.1838+0.0706i	-0.2012+0.0782i	-0.1251+0.0457i	-0.1689+0.0537i	4.3942+1.0653i	0.2020+2.9740i	-1.0809+0.4324i	-3.6392+2.1741i
25.6	-0.1876+0.0755i	-0.2058+0.0849i	-0.1273+0.0489i	-0.1715+0.0583i	4.2482+1.1180i	0.0663+3.1993i	-1.1786+0.4271i	-3.7573+2.3352i
25.7	-0.1937+0.0816i	-0.2124+0.0933i	-0.1315+0.0533i	-0.1757+0.0632i	4.1499+1.1301i	-0.1147+3.4429i	-1.2367+0.3915i	-3.9037+2.5082i
25.8	-0.1985+0.0883i	-0.2158+0.1023i	-0.1347+0.0583i	-0.1784+0.0691i	3.9927+1.1632i	-0.2566+3.7035i	-1.3294+0.3757i	-4.0105+2.6916i
25.9	-0.2031+0.0967i	-0.2192+0.1132i	-0.1373+0.0645i	-0.1802+0.0759i	3.7242+1.2023i	-0.3622+3.9807i	-1.4660+0.3819i	-4.1055+2.8969i
26.0	-0.2068+0.1056i	-0.2220+0.1248i	-0.1393+0.0706i	-0.1818+0.0832i	3.6122+1.2981i	-0.4535+4.2991i	-1.5465+0.4099i	-4.1874+3.1340i
26.1	-0.2086+0.1138i	-0.2221+0.1351i	-0.1404+0.0764i	-0.1817+0.0899i	3.5009+1.2966i	-0.5030+4.5727i	-1.6143+0.4033i	-4.2289+3.3446i
26.2	-0.2093+0.1251i	-0.2192+0.1499i	-0.1417+0.0856i	-0.1794+0.0992i	3.3266+1.3819i	-0.4230+4.9627i	-1.7124+0.4549i	-4.1876+3.6290i
26.3	-0.2069+0.1361i	-0.2118+0.1621i	-0.1391+0.0940i	-0.1755+0.1066i	3.3162+1.5349i	-0.2481+5.3029i	-1.7518+0.4929i	-4.0757+3.8840i
26.4	-0.2037+0.1438i	-0.2052+0.1692i	-0.1365+0.0993i	-0.1713+0.1108i	3.3403+1.6220i	-0.1028+5.4941i	-1.7695+0.5106i	-3.9756+4.0376i
26.5	-0.2001+0.1525i	-0.1973+0.1764i	-0.1335+0.1054i	-0.1663+0.1157i	3.3507+1.7456i	0.0905+5.7273i	-1.8006+0.5413i	-3.8452+4.2136i
26.6	-0.1991+0.1586i	-0.1937+0.1800i	-0.1318+0.1097i	-0.1643+0.1181i	3.2360+1.7015i	0.1950+5.8845i	-1.8415+0.5031i	-3.7806+4.3240i
26.7	-0.1983+0.1648i	-0.1912+0.1838i	-0.1306+0.1141i	-0.1632+0.1206i	3.1528+1.6481i	0.3046+5.9914i	-1.8929+0.4586i	-3.7161+4.4134i
26.8	-0.1973+0.1732i	-0.1890+0.1895i	-0.1289+0.1191i	-0.1622+0.1252i	3.0828+1.6538i	0.3937+6.1447i	-1.9772+0.4377i	-3.6662+4.5325i
26.9	-0.1960+0.1790i	-0.1880+0.1936i	-0.1277+0.1231i	-0.1611+0.1289i	3.0299+1.6594i	0.4691+6.2768i	-2.0474+0.4294i	-3.6244+4.6364i
27.0	-0.1951+0.1911i	-0.1866+0.2046i	-0.1269+0.1323i	-0.1599+0.1356i	2.9366+1.7156i	0.5664+6.5339i	-2.1378+0.4271i	-3.5745+4.8433i
27.1	-0.1925+0.2035i	-0.1833+0.2161i	-0.1251+0.1417i	-0.1578+0.1428i	2.8592+1.7839i	0.6815+6.8076i	-2.2043+0.4441i	-3.4984+5.0636i
27.2	-0.1875+0.2201i	-0.1780+0.2312i	-0.1208+0.1529i	-0.1547+0.1533i	2.8044+1.8710i	0.8753+7.2025i	-2.2814+0.4567i	-3.3721+5.3668i
27.3	-0.1738+0.2391i	-0.1631+0.2484i	-0.1103+0.1658i	-0.1456+0.1647i	2.7894+1.9832i	1.3319+7.6334i	-2.3458+0.4585i	-3.0406+5.6987i
27.4	-0.1550+0.2521i	-0.1434+0.2609i	-0.0968+0.1755i	-0.1333+0.1727i	2.8070+2.0155i	1.9101+7.8787i	-2.4205+0.4615i	-2.6135+5.8962i
27.5	-0.1339+0.2660i	-0.1214+0.2728i	-0.0811+0.1844i	-0.1198+0.1805i	2.8436+2.0444i	2.5446+8.0838i	-2.4969+0.4788i	-2.1539+6.0697i
27.6	-0.1116+0.2743i	-0.0988+0.2782i	-0.0648+0.1888i	-0.1051+0.1845i	2.8218+2.0393i	3.1801+8.1399i	-2.5712+0.4769i	-1.6837+6.1225i
27.7	-0.0835+0.2744i	-0.0709+0.2754i	-0.0446+0.1883i	-0.0873+0.1837i	2.8034+2.0263i	3.9510+7.9522i	-2.6624+0.4985i	-1.1133+5.9989i
27.8	-0.0573+0.2682i	-0.0463+0.2678i	-0.0264+0.1831i	-0.0717+0.1789i	2.8087+2.0033i	4.6153+7.6103i	-2.7402+0.5265i	-0.6267+5.7525i
27.9	-0.0344+0.2556i	-0.0249+0.2532i	-0.0101+0.1733i	-0.0578+0.1694i	2.7842+1.9865i	5.1386+7.1002i	-2.8132+0.5723i	-0.2292+5.3857i
28.0	-0.0187+0.2406i	-0.0106+0.2365i	0.0008+0.1621i	-0.0485+0.1596i	2.7618+1.9280i	5.4736+6.5714i	-2.8776+0.5982i	0.0262+5.0014i
28.1	-0.0040+0.2232i	0.0018+0.2175i	0.0106+0.1488i	-0.0395+0.1486i	2.7092+1.8148i	5.7621+5.9580i	-2.9476+0.6188i	0.2272+4.5538i
28.2	0.0059+0.1998i	0.0083+0.1942i	0.0163+0.1323i	-0.0333+0.1336i	2.6013+1.7719i	5.8602+5.2756i	-3.0569+0.6605i	0.2918+4.0441i
28.3	0.0143+0.1794i	0.0146+0.1748i	0.0215+0.1193i	-0.0290+0.1202i	2.5014+1.8114i	5.9597+4.6970i	-3.1423+0.7316i	0.3617+3.6253i
28.4	0.0144+0.1631i	0.0145+0.1601i	0.0217+0.1092i	-0.0293+0.1099i	2.4607+1.8169i	5.8895+4.2387i	-3.1650+0.7969i	0.3161+3.2950i
28.5	0.0093+0.1474i	0.0093+0.1463i	0.0186+0.0990i	-0.0335+0.1004i	2.3820+1.8168i	5.6973+3.8192i	-3.1897+0.8434i	0.1715+2.9809i
28.6	0.0044+0.1264i	0.0038+0.1276i	0.0156+0.0850i	-0.0377+0.0881i	2.2760+1.8174i	5.4826+3.2869i	-3.2691+0.9132i	-0.0019+2.5872i
28.7	0.0007+0.1136i	0.0005+0.1169i	0.0135+0.0764i	-0.0397+0.0805i	2.1806+1.8381i	5.3374+2.9348i	-3.3126+0.9821i	-0.1147+2.3354i
28.8	-0.0095+0.1039i	-0.0085+0.1085i	0.0077+0.0697i	-0.0463+0.0745i	2.1124+1.8784i	5.0283+2.6633i	-3.3258+1.0450i	-0.3477+2.1466i
28.9	-0.0199+0.0952i	-0.0176+0.1004i	0.0013+0.0640i	-0.0528+0.0694i	2.0676+1.9205i	4.7295+2.4115i	-3.3409+1.1146i	-0.5670+1.9661i
29.0	-0.0263+0.0868i	-0.0225+0.0928i	-0.0024+0.0581i	-0.0569+0.0644i	2.0140+1.9571i	4.5403+2.1838i	-3.3535+1.1655i	-0.7061+1.7978i
29.1	-0.0338+0.0793i	-0.0282+0.0868i	-0.0065+0.0539i	-0.0613+0.0601i	1.9881+1.9974i	4.3137+1.9920i	-3.3612+1.2227i	-0.8752+1.6625i
29.2	-0.0444+0.0751i	-0.0354+0.0824i	-0.0120+0.0504i	-0.0675+0.0575i	1.9453+2.0647i	4.0554+1.8716i	-3.3467+1.3087i	-1.0785+1.5870i
29.3	-0.0554+0.0730i	-0.0447+0.0796i	-0.0178+0.0483i	-0.0748+0.0562i	1.9496+2.1128i	3.7714+1.7756i	-3.3439+1.3521i	-1.2969+1.5241i
29.4	-0.0641+0.0703i	-0.0513+0.0766i	-0.0225+0.0465i	-0.0804+0.0551i	1.9444+2.1598i	3.5587+1.6801i	-3.3219+1.3811i	-1.4568+1.4685i
29.5	-0.0743+0.0720i	-0.0595+0.0762i	-0.0280+0.0462i	-0.0861+0.0562i	1.9573+2.1447i	3.3127+1.6460i	-3.2993+1.3860i	-1.6416+1.4506i
29.6	-0.0811+0.0714i	-0.0646+0.0754i	-0.0319+0.0448i	-0.0906+0.0559i	1.9294+2.1623i	3.1274+1.5749i	-3.2829+1.4161i	-1.7838+1.4020i
29.7	-0.0892+0.0715i	-0.0714+0.0744i	-0.0373+0.0442i	-0.0961+0.0568i	1.9025+2.1760i	2.9041+1.5541i	-3.2717+1.4428i	-1.9546+1.3931i
29.8	-0.0976+0.0752i	-0.0781+0.0763i	-0.0421+0.0452i	-0.1009+0.0591i	1.8688+2.2115i	2.7142+1.5932i	-3.2548+1.4577i	-2.0957+1.4209i
29.9	-0.1075+0.0771i	-0.0841+0.0763i	-0.0467+0.0447i	-0.1061+0.0609i	1.8767+2.2369i	2.5091+1.5856i	-3.2388+1.4898i	-2.2535+1.4189i
30.0	-0.1171+0.0812i	-0.0905+0.0772i	-0.0522+0.0454i	-0.1112+0.0633i	1.8546+2.2074i	2.2759+1.5887i	-3.2324+1.4929i	-2.4252+1.4315i
30.1	-0.1244+0.0871i	-0.0963+0.0797i	-0.0568+0.0479i	-0.1152+0.0666i	1.8476+2.2249i	2.1031+1.6364i	-3.2258+1.5042i	-2.5569+1.4767i
30.2	-0.1306+0.0923i	-0.1000+0.0816i	-0.0605+0.0499i	-0.1188+0.0692i	1.8641+2.2147i	1.9555+1.6963i	-3.2106+1.4973i	-2.6656+1.5189i
30.3	-0.1370+0.0998i	-0.1035+0.0847i	-0.0637+0.0527i	-0.1215+0.0731i	1.8942+2.1960i	1.7993+1.7564i	-3.2186+1.4860i	-2.7885+1.5775i
30.4	-0.1425+0.1094i	-0.1070+0.0871i	-0.0672+0.0557i	-0.1239+0.0778i	1.8888+2.1990i	1.6907+1.8141i	-3.2153+1.4820i	-2.8792+1.6367i
30.5	-0.1460+0.1167i	-0.1117+0.0870i	-0.0709+0.0577i	-0.1264+0.0803i	1.8305+2.2061i	1.5796+1.8496i	-3.2017+1.4864i	-2.9674+1.6701i
30.6	-0.1492+0.1216i	-0.1190+0.0882i	-0.0745+0.0598i	-0.1290+0.0826i	1.8231+2.2382i	1.4097+1.9068i	-3.1958+1.4985i	-3.0978+1.7137i
30.7	-0.1537+0.1319i	-0.1251+0.0946i	-0.0781+0.0654i	-0.1321+0.0889i	1.7965+2.2548i	1.2439+2.0208i	-3.1876+1.4928i	-3.2243+1.8039i
30.8	-0.1590+0.1414i	-0.1295+0.1014i	-0.0819+0.0704i	-0.1358+0.0944i	1.7953+2.1839i	1.0909+2.1212i	-3.1503+1.4737i	-3.3455+1.8935i

30.9	-0.1639+0.1505i	-0.1331+0.1066i	-0.0852+0.0750i	-0.1384+0.0990i	1.8016+2.1724i	0.9911+2.2305i	-3.1229+1.4611i	-3.4205+1.9823i
31.0	-0.1692+0.1622i	-0.1390+0.1129i	-0.0893+0.0810i	-0.1415+0.1053i	1.7795+2.1710i	0.8671+2.3549i	-3.1221+1.4507i	-3.5167+2.0853i
31.1	-0.1696+0.1801i	-0.1420+0.1236i	-0.0906+0.0905i	-0.1417+0.1148i	1.7769+2.1313i	0.7372+2.5491i	-3.1126+1.4047i	-3.6144+2.2481i
31.2	-0.1667+0.1930i	-0.1419+0.1300i	-0.0899+0.0967i	-0.1405+0.1214i	1.7844+2.0639i	0.6867+2.7211i	-3.1015+1.3503i	-3.6364+2.3865i
31.3	-0.1621+0.2048i	-0.1415+0.1369i	-0.0884+0.1032i	-0.1392+0.1273i	1.7624+1.9985i	0.6450+2.8808i	-3.1147+1.2943i	-3.6738+2.5050i
31.4	-0.1591+0.2206i	-0.1420+0.1459i	-0.0875+0.1113i	-0.1381+0.1352i	1.7796+1.9227i	0.6063+3.0238i	-3.1389+1.2309i	-3.7194+2.6277i
31.5	-0.1516+0.2405i	-0.1414+0.1566i	-0.0850+0.1207i	-0.1352+0.1450i	1.7714+1.8925i	0.5966+3.2338i	-3.1418+1.2066i	-3.7285+2.7945i
31.6	-0.1402+0.2528i	-0.1380+0.1648i	-0.0805+0.1281i	-0.1303+0.1521i	1.6533+1.9025i	0.6036+3.4284i	-3.2008+1.1420i	-3.7132+2.9507i
31.7	-0.1287+0.2682i	-0.1344+0.1737i	-0.0760+0.1368i	-0.1258+0.1600i	1.5787+1.8432i	0.6215+3.6147i	-3.2592+1.0898i	-3.7079+3.1088i
31.8	-0.1179+0.2731i	-0.1309+0.1771i	-0.0719+0.1397i	-0.1214+0.1631i	1.5270+1.8163i	0.6516+3.7428i	-3.3303+1.0711i	-3.6795+3.2145i
31.9	-0.1009+0.2833i	-0.1251+0.1854i	-0.0650+0.1467i	-0.1138+0.1701i	1.4970+1.8062i	0.7305+3.9478i	-3.3824+1.0293i	-3.6153+3.3899i
32.0	-0.0908+0.2981i	-0.1217+0.1924i	-0.0602+0.1541i	-0.1100+0.1775i	1.4495+1.8253i	0.7927+4.1384i	-3.4275+1.0205i	-3.5652+3.5425i
32.1	-0.0630+0.3043i	-0.1108+0.1995i	-0.0478+0.1591i	-0.0968+0.1819i	1.3950+1.8019i	0.9389+4.3449i	-3.5116+1.0015i	-3.4360+3.7063i
32.2	-0.0440+0.3002i	-0.1036+0.2021i	-0.0396+0.1589i	-0.0881+0.1811i	1.3206+1.7078i	1.0593+4.4678i	-3.5554+0.9860i	-3.3380+3.7896i
32.3	-0.0217+0.3150i	-0.0954+0.2136i	-0.0284+0.1682i	-0.0788+0.1903i	1.2821+1.6868i	1.2892+4.6990i	-3.6042+0.9674i	-3.1681+4.0156i
32.4	0.0002+0.3157i	-0.0867+0.2186i	-0.0177+0.1715i	-0.0691+0.1920i	1.1776+1.7135i	1.4978+4.8712i	-3.7044+0.9652i	-3.0127+4.1484i
32.5	0.0130+0.2949i	-0.0769+0.2146i	-0.0097+0.1638i	-0.0624+0.1839i	1.1023+1.7003i	1.7001+4.8911i	-3.7942+0.9777i	-2.8492+4.1338i
32.6	0.0280+0.2794i	-0.0676+0.2107i	-0.0004+0.1576i	-0.0542+0.1775i	1.0241+1.6409i	1.9318+4.8488i	-3.8956+0.9577i	-2.6288+4.0903i
32.7	0.0428+0.2681i	-0.0560+0.2097i	0.0094+0.1533i	-0.0459+0.1742i	0.9552+1.6739i	2.2373+4.8429i	-3.9564+0.9669i	-2.4007+4.0975i
32.8	0.0559+0.2588i	-0.0450+0.2095i	0.0182+0.1495i	-0.0390+0.1720i	0.9204+1.7169i	2.5573+4.8204i	-4.0086+0.9704i	-2.1732+4.0963i
32.9	0.0639+0.2453i	-0.0358+0.2046i	0.0254+0.1429i	-0.0342+0.1665i	0.8051+1.7153i	2.8162+4.7018i	-4.1088+0.9774i	-1.9720+3.9923i
33.0	0.0654+0.2348i	-0.0311+0.1963i	0.0288+0.1367i	-0.0332+0.1608i	0.6617+1.6951i	2.9445+4.5938i	-4.2367+1.0237i	-1.8808+3.8838i
33.1	0.0708+0.2237i	-0.0236+0.1892i	0.0340+0.1292i	-0.0291+0.1561i	0.5253+1.6895i	3.1215+4.4214i	-4.3630+1.0983i	-1.7627+3.7633i
33.2	0.0759+0.2140i	-0.0186+0.1847i	0.0384+0.1233i	-0.0259+0.1527i	0.3812+1.7998i	3.2697+4.2532i	-4.4711+1.1352i	-1.6425+3.6513i
33.3	0.0787+0.2076i	-0.0167+0.1795i	0.0405+0.1178i	-0.0246+0.1508i	0.2920+1.9000i	3.3747+4.1471i	-4.5351+1.2647i	-1.5714+3.5795i
33.4	0.0815+0.1977i	-0.0146+0.1692i	0.0419+0.1098i	-0.0229+0.1453i	0.2421+1.9988i	3.4497+3.9713i	-4.6526+1.4065i	-1.5161+3.4393i
33.5	0.0832+0.1859i	-0.0118+0.1601i	0.0434+0.1006i	-0.0210+0.1397i	0.2335+2.1502i	3.5651+3.7731i	-4.6876+1.5698i	-1.4394+3.3070i
33.6	0.0807+0.1732i	-0.0147+0.1493i	0.0412+0.0919i	-0.0203+0.1334i	0.2514+2.2144i	3.5966+3.4917i	-4.6636+1.6307i	-1.3972+3.1107i
33.7	0.0745+0.1603i	-0.0237+0.1388i	0.0343+0.0835i	-0.0235+0.1266i	0.3600+2.2799i	3.4990+3.2049i	-4.6146+1.6850i	-1.4504+2.9027i
33.8	0.0579+0.1583i	-0.0363+0.1379i	0.0237+0.0821i	-0.0318+0.1259i	0.3684+2.3214i	3.2554+3.1195i	-4.5896+1.7496i	-1.6426+2.8289i
33.9	0.0452+0.1674i	-0.0474+0.1460i	0.0153+0.0870i	-0.0393+0.1327i	0.2752+2.4319i	3.0933+3.1821i	-4.5386+1.8246i	-1.7973+2.8996i
34.0	0.0399+0.1799i	-0.0537+0.1553i	0.0111+0.0932i	-0.0435+0.1413i	0.2428+2.4711i	3.0137+3.2933i	-4.5115+1.8613i	-1.8811+3.0072i
34.1	0.0435+0.1916i	-0.0511+0.1660i	0.0130+0.1016i	-0.0400+0.1482i	0.2922+2.4538i	3.0557+3.4083i	-4.5184+1.8604i	-1.8253+3.1106i
34.2	0.0572+0.2014i	-0.0376+0.1745i	0.0218+0.1075i	-0.0305+0.1547i	0.3118+2.5208i	3.2673+3.5101i	-4.5309+1.8993i	-1.6335+3.2190i
34.3	0.0772+0.2060i	-0.0210+0.1759i	0.0352+0.1091i	-0.0174+0.1564i	0.1862+2.5580i	3.5369+3.5366i	-4.6638+1.9647i	-1.4118+3.2328i
34.4	0.0940+0.2070i	-0.0104+0.1729i	0.0441+0.1076i	-0.0077+0.1561i	0.2148+2.5755i	3.7381+3.4756i	-4.6738+1.9671i	-1.2380+3.1971i
34.5	0.1099+0.1985i	0.0009+0.1601i	0.0523+0.1000i	0.0013+0.1499i	0.1863+2.6239i	3.9563+3.2563i	-4.6869+2.0439i	-1.0534+3.0204i
34.6	0.1206+0.1871i	0.0065+0.1449i	0.0581+0.0904i	0.0070+0.1417i	0.1482+2.7019i	4.0819+2.9919i	-4.7757+2.1343i	-0.9483+2.7978i
34.7	0.1296+0.1746i	0.0068+0.1303i	0.0612+0.0804i	0.0105+0.1327i	0.0899+2.7179i	4.1416+2.7369i	-4.8430+2.1862i	-0.8852+2.5762i
34.8	0.1375+0.1599i	0.0030+0.1149i	0.0615+0.0685i	0.0127+0.1239i	0.1134+2.8123i	4.1733+2.4478i	-4.7824+2.3005i	-0.8531+2.3588i
34.9	0.1413+0.1478i	-0.0047+0.1021i	0.0598+0.0590i	0.0123+0.1162i	0.0915+2.8652i	4.1448+2.1784i	-4.7900+2.3757i	-0.8851+2.1464i
35.0	0.1428+0.1367i	-0.0127+0.0928i	0.0571+0.0516i	0.0103+0.1094i	0.1038+2.9598i	4.0862+1.9936i	-4.8629+2.4709i	-0.9391+1.9824i
35.1	0.1413+0.1227i	-0.0280+0.0855i	0.0504+0.0438i	0.0055+0.1026i	0.0773+3.0898i	3.9347+1.7962i	-4.8169+2.5792i	-1.0722+1.8206i
35.2	0.1362+0.1100i	-0.0466+0.0788i	0.0419+0.0369i	-0.0019+0.0960i	0.0916+3.1230i	3.7070+1.5865i	-4.8167+2.6997i	-1.2493+1.6570i
35.3	0.1314+0.1032i	-0.0616+0.0768i	0.0345+0.0339i	-0.0077+0.0946i	0.0674+3.1995i	3.5737+1.4465i	-4.8087+2.7840i	-1.3704+1.5613i
35.4	0.1239+0.0994i	-0.0788+0.0832i	0.0243+0.0339i	-0.0150+0.0964i	0.1056+3.2850i	3.3742+1.3991i	-4.7606+2.8295i	-1.5393+1.5355i
35.5	0.1204+0.0984i	-0.0975+0.0935i	0.0155+0.0367i	-0.0214+0.0995i	0.1656+3.3406i	3.1587+1.3976i	-4.6984+2.9760i	-1.7203+1.5556i
35.6	0.1185+0.0995i	-0.1086+0.1020i	0.0098+0.0396i	-0.0252+0.1036i	0.1635+3.4264i	3.0479+1.4136i	-4.6674+3.0569i	-1.8118+1.5914i
35.7	0.1152+0.1034i	-0.1201+0.1196i	0.0037+0.0468i	-0.0291+0.1120i	0.2106+3.5650i	2.8961+1.5103i	-4.6136+3.1574i	-1.9432+1.6909i
35.8	0.1194+0.1101i	-0.1222+0.1388i	0.0034+0.0556i	-0.0261+0.1213i	0.2929+3.6061i	2.8490+1.6386i	-4.5848+3.2034i	-1.9727+1.8230i
35.9	0.1391+0.1162i	-0.1169+0.1597i	0.0095+0.0645i	-0.0160+0.1312i	0.4310+3.7263i	2.9402+1.7313i	-4.4889+3.3085i	-1.8666+1.9430i
36.0	0.1541+0.1141i	-0.1126+0.1675i	0.0153+0.0662i	-0.0090+0.1325i	0.4459+3.8188i	3.0052+1.7583i	-4.4309+3.3866i	-1.7962+1.9659i
36.1	0.1785+0.1001i	-0.1015+0.1729i	0.0250+0.0637i	0.0051+0.1289i	0.5667+3.8434i	3.1723+1.6609i	-4.3414+3.4585i	-1.6364+1.8981i
36.2	0.1914+0.0855i	-0.0999+0.1730i	0.0285+0.0592i	0.0112+0.1233i	0.6332+3.8962i	3.2302+1.5518i	-4.2687+3.4999i	-1.5731+1.8083i
36.3	0.2067+0.0631i	-0.0997+0.1737i	0.0315+0.0529i	0.0175+0.1164i	0.7826+3.9725i	3.2319+1.4021i	-4.1411+3.6103i	-1.5372+1.6749i
36.4	0.2142+0.0441i	-0.1045+0.1761i	0.0321+0.0477i	0.0198+0.1105i	0.8747+4.0005i	3.2173+1.2680i	-4.0872+3.6590i	-1.5434+1.5689i
36.5	0.2106+0.0151i	-0.1139+0.1818i	0.0271+0.0420i	0.0171+0.1013i	0.8973+3.9977i	3.0894+1.1294i	-4.0196+3.6829i	-1.6402+1.4314i
36.6	0.2097-0.0113i	-0.1246+0.1881i	0.0219+0.0360i	0.0150+0.0933i	1.0178+3.9467i	2.9627+0.9983i	-3.9077+3.7047i	-1.7451+1.3209i
36.7	0.2031-0.0325i	-0.1324+0.1989i	0.0152+0.0336i	0.0106+0.0893i	1.1161+3.8815i	2.8232+0.9329i	-3.8035+3.7359i	-1.8580+1.2580i
36.8	0.2000-0.0536i	-0.1398+0.2141i	0.0112+0.0330i	0.0069+0.0873i	1.1085+3.9217i	2.7197+0.8778i	-3.7911+3.7806i	-1.9461+1.2153i
36.9	0.1916-0.0726i	-0.1455+0.2332i	0.0065+0.0349i	0.0027+0.0869i	1.1162+3.9614i	2.6140+0.8439i	-3.7751+3.8192i	-2.0530+1.2044i
37.0	0.1778-0.0904i	-0.1453+0.2630i	0.0020+0.0404i	-0.0013+0.0902i	1.1418+3.8896i	2.4686+0.9244i	-3.6883+3.8330i	-2.1664+1.2862i
37.1	0.1727-0.1108i	-0.1443+0.2870i	-0.0003+0.0416i	-0.0018+0.0913i	1.2012+3.9237i	2.4325+0.9561i	-3.5700+3.8674i	-2.1881+1.3212i

37.2	0.1651-0.1352i	-0.1375+0.3126i	-0.0013+0.0422i	-0.0011+0.0919i	1.2877+4.0864i	2.4035+0.9631i	-3.4984+4.0242i	-2.2024+1.3373i
37.3	0.1454-0.1621i	-0.1246+0.3404i	-0.0042+0.0446i	-0.0026+0.0916i	1.3646+4.1481i	2.3028+0.9426i	-3.4315+4.0999i	-2.2618+1.3345i
37.4	0.1236-0.1905i	-0.1017+0.3723i	-0.0044+0.0475i	-0.0005+0.0919i	1.5483+4.2310i	2.2749+0.9332i	-3.2815+4.2178i	-2.2845+1.3366i
37.5	0.1017-0.2222i	-0.0814+0.4037i	-0.0049+0.0485i	0.0003+0.0915i	1.6381+4.2320i	2.2449+0.9040i	-3.1443+4.2677i	-2.3055+1.3229i
37.6	0.0600-0.2439i	-0.0427+0.4230i	-0.0057+0.0490i	0.0005+0.0906i	1.7591+4.2973i	2.2062+0.8674i	-2.9876+4.2997i	-2.3247+1.3119i
37.7	0.0143-0.2603i	-0.0034+0.4443i	-0.0069+0.0520i	-0.0002+0.0910i	1.9413+4.3224i	2.1389+0.8795i	-2.8145+4.3726i	-2.3561+1.3296i
37.8	-0.0382-0.2687i	0.0403+0.4613i	-0.0106+0.0562i	-0.0016+0.0923i	2.1652+4.3619i	2.0202+0.9177i	-2.5512+4.4493i	-2.4425+1.3669i
37.9	-0.1001-0.2545i	0.0979+0.4617i	-0.0120+0.0629i	-0.0014+0.0957i	2.4034+4.3613i	1.9412+0.9751i	-2.2777+4.3947i	-2.4852+1.4288i
38.0	-0.1482-0.2274i	0.1560+0.4526i	-0.0071+0.0706i	0.0036+0.1000i	2.6803+4.2164i	1.9493+1.0559i	-2.0061+4.2793i	-2.4320+1.5036i
38.1	-0.1829-0.1907i	0.2104+0.4204i	0.0007+0.0728i	0.0105+0.0989i	2.8772+4.0942i	1.9943+1.0982i	-1.7995+4.1576i	-2.3622+1.5254i
38.2	-0.2153-0.1537i	0.2599+0.3738i	0.0081+0.0708i	0.0166+0.0923i	3.0143+3.8816i	2.0168+1.0539i	-1.5978+3.9750i	-2.3125+1.4710i
38.3	-0.2294-0.1119i	0.2800+0.3234i	0.0112+0.0681i	0.0179+0.0878i	3.0622+3.7016i	2.0153+1.0177i	-1.5052+3.8154i	-2.2889+1.4197i
38.4	-0.2479-0.0742i	0.2955+0.2740i	0.0108+0.0648i	0.0160+0.0821i	3.1168+3.5030i	1.9510+1.0022i	-1.4300+3.6693i	-2.3398+1.3753i
38.5	-0.2560-0.0317i	0.2994+0.2255i	0.0096+0.0621i	0.0140+0.0789i	3.1850+3.3786i	1.8751+0.9721i	-1.3334+3.5518i	-2.4048+1.3394i
38.6	-0.2518+0.0035i	0.2918+0.1871i	0.0092+0.0611i	0.0113+0.0764i	3.2456+3.2423i	1.8075+0.9710i	-1.2233+3.3871i	-2.4543+1.3221i
38.7	-0.2530+0.0344i	0.2874+0.1551i	0.0077+0.0614i	0.0093+0.0747i	3.3517+3.1253i	1.7339+0.9981i	-1.1078+3.2534i	-2.5100+1.3317i
38.8	-0.2405+0.0697i	0.2700+0.1228i	0.0063+0.0633i	0.0064+0.0745i	3.4072+2.9637i	1.6749+1.0474i	-1.0291+3.0528i	-2.5482+1.3716i
38.9	-0.2216+0.1008i	0.2532+0.0996i	0.0074+0.0665i	0.0057+0.0756i	3.4582+2.8112i	1.6668+1.1269i	-0.9431+2.9226i	-2.5440+1.4367i
39.0	-0.1959+0.1328i	0.2266+0.0777i	0.0076+0.0700i	0.0043+0.0779i	3.4540+2.5731i	1.6592+1.2202i	-0.8727+2.7194i	-2.5517+1.5084i
39.1	-0.1793+0.1552i	0.2095+0.0647i	0.0075+0.0739i	0.0028+0.0808i	3.4172+2.4474i	1.6366+1.2984i	-0.8616+2.5808i	-2.5639+1.5754i
39.2	-0.1579+0.1721i	0.1966+0.0559i	0.0108+0.0771i	0.0048+0.0839i	3.4989+2.3868i	1.6607+1.3534i	-0.8259+2.4557i	-2.5207+1.6148i
39.3	-0.1250+0.1832i	0.1820+0.0462i	0.0188+0.0783i	0.0108+0.0842i	3.5407+2.2508i	1.7596+1.4031i	-0.8288+2.2958i	-2.4183+1.6402i
39.4	-0.0998+0.1907i	0.1698+0.0407i	0.0232+0.0790i	0.0147+0.0832i	3.5280+2.1203i	1.8480+1.4265i	-0.7837+2.1567i	-2.3348+1.6492i
39.5	-0.0691+0.1813i	0.1537+0.0371i	0.0289+0.0748i	0.0178+0.0786i	3.5015+1.8680i	1.9393+1.3679i	-0.7657+1.9299i	-2.2454+1.5760i
39.6	-0.0651+0.1778i	0.1458+0.0324i	0.0285+0.0724i	0.0156+0.0756i	3.4925+1.7116i	1.9121+1.3273i	-0.7788+1.7663i	-2.2603+1.5112i
39.7	-0.0411+0.1877i	0.1319+0.0253i	0.0328+0.0736i	0.0177+0.0762i	3.4185+1.5166i	1.9439+1.3347i	-0.8274+1.5607i	-2.2352+1.4982i
39.8	-0.0027+0.1755i	0.1180+0.0243i	0.0423+0.0684i	0.0250+0.0721i	3.3814+1.3635i	2.0545+1.2946i	-0.8967+1.3788i	-2.1298+1.4383i
39.9	0.0118+0.1576i	0.1083+0.0263i	0.0450+0.0625i	0.0256+0.0661i	3.2918+1.2688i	2.0690+1.1927i	-0.9622+1.2725i	-2.0922+1.3377i
40.0	0.0218+0.1425i	0.0986+0.0265i	0.0455+0.0580i	0.0248+0.0610i	3.2089+1.1689i	2.0789+1.1272i	-1.0378+1.1415i	-2.0924+1.2516i
40.1	0.0300+0.1259i	0.0907+0.0285i	0.0459+0.0526i	0.0242+0.0559i	3.1255+0.9981i	2.0817+1.0673i	-1.1197+1.0029i	-2.1023+1.1547i
40.2	0.0352+0.1118i	0.0818+0.0303i	0.0450+0.0486i	0.0226+0.0522i	3.0677+0.8293i	2.0622+1.0065i	-1.1818+0.8897i	-2.1294+1.0786i
40.3	0.0374+0.0981i	0.0764+0.0337i	0.0446+0.0452i	0.0199+0.0491i	2.9519+0.7574i	2.0449+0.9394i	-1.2780+0.7862i	-2.1568+1.0165i
40.4	0.0359+0.0818i	0.0710+0.0360i	0.0433+0.0399i	0.0175+0.0452i	2.8500+0.6912i	1.9927+0.8986i	-1.4158+0.7098i	-2.2176+0.9564i
40.5	0.0348+0.0698i	0.0672+0.0399i	0.0422+0.0375i	0.0161+0.0430i	2.7565+0.6021i	1.9694+0.8502i	-1.4697+0.6188i	-2.2703+0.8918i
40.6	0.0342+0.0634i	0.0664+0.0402i	0.0417+0.0352i	0.0144+0.0413i	2.6784+0.5205i	1.9416+0.8040i	-1.5022+0.5183i	-2.2986+0.8509i
40.7	0.0259+0.0594i	0.0639+0.0392i	0.0385+0.0331i	0.0101+0.0394i	2.5835+0.4787i	1.8778+0.7902i	-1.5970+0.4635i	-2.3633+0.8375i
40.8	0.0248+0.0523i	0.0599+0.0385i	0.0374+0.0300i	0.0073+0.0374i	2.5078+0.4674i	1.8471+0.7882i	-1.7057+0.4007i	-2.4136+0.8050i
40.9	0.0265+0.0392i	0.0566+0.0404i	0.0376+0.0264i	0.0062+0.0352i	2.4010+0.3673i	1.8320+0.7285i	-1.7991+0.2569i	-2.4365+0.7507i
41.0	0.0167+0.0359i	0.0530+0.0421i	0.0332+0.0255i	0.0012+0.0351i	2.3002+0.3226i	1.7731+0.7476i	-1.8967+0.2497i	-2.5147+0.7635i
41.1	0.0089+0.0322i	0.0496+0.0442i	0.0302+0.0240i	-0.0020+0.0357i	2.2010+0.2659i	1.7334+0.7807i	-2.0387+0.1873i	-2.5633+0.7688i
41.2	0.0064+0.0333i	0.0461+0.0445i	0.0281+0.0245i	-0.0036+0.0363i	2.0777+0.2471i	1.7402+0.7998i	-2.1109+0.1523i	-2.5665+0.7986i
41.3	0.0059+0.0300i	0.0418+0.0475i	0.0269+0.0231i	-0.0043+0.0366i	1.9577+0.2102i	1.7401+0.7646i	-2.2412+0.0860i	-2.5716+0.7722i
41.4	0.0003+0.0222i	0.0374+0.0493i	0.0242+0.0214i	-0.0083+0.0349i	1.8864+0.2429i	1.6675+0.7427i	-2.3200+0.1120i	-2.6507+0.7417i
41.5	-0.0116+0.0156i	0.0374+0.0572i	0.0202+0.0219i	-0.0114+0.0359i	1.7725+0.1933i	1.6536+0.7530i	-2.4528+0.0748i	-2.6839+0.7427i
41.6	-0.0179+0.0152i	0.0411+0.0591i	0.0197+0.0224i	-0.0125+0.0364i	1.7226+0.2304i	1.6631+0.7365i	-2.5003+0.1217i	-2.6898+0.7425i
41.7	-0.0254+0.0108i	0.0417+0.0556i	0.0178+0.0191i	-0.0151+0.0348i	1.6824+0.2709i	1.6357+0.7110i	-2.5060+0.1097i	-2.7226+0.7138i
41.8	-0.0392+0.0114i	0.0386+0.0562i	0.0125+0.0186i	-0.0196+0.0352i	1.5514+0.2404i	1.5741+0.7135i	-2.6383+0.0688i	-2.8069+0.7029i
41.9	-0.0506+0.0208i	0.0359+0.0585i	0.0081+0.0220i	-0.0248+0.0384i	1.4738+0.2019i	1.5592+0.7479i	-2.7065+0.0800i	-2.8270+0.7357i
42.0	-0.0550+0.0306i	0.0371+0.0586i	0.0069+0.0252i	-0.0250+0.0416i	1.4068+0.1701i	1.5870+0.7305i	-2.7950+0.0820i	-2.8291+0.7285i
42.1	-0.0591+0.0343i	0.0351+0.0581i	0.0052+0.0258i	-0.0270+0.0426i	1.3949+0.1539i	1.5611+0.7027i	-2.8519+0.0808i	-2.8652+0.7124i
42.2	-0.0576+0.0462i	0.0346+0.0623i	0.0056+0.0302i	-0.0260+0.0478i	1.2769+0.1950i	1.5363+0.7313i	-2.9431+0.0721i	-2.8867+0.7410i
42.3	-0.0434+0.0518i	0.0334+0.0620i	0.0095+0.0324i	-0.0220+0.0489i	1.2140+0.2484i	1.5550+0.7467i	-2.9908+0.1283i	-2.8820+0.7652i
42.4	-0.0428+0.0459i	0.0317+0.0646i	0.0093+0.0318i	-0.0230+0.0475i	1.1917+0.2569i	1.5659+0.7519i	-3.0012+0.1402i	-2.8859+0.7616i
42.5	-0.0465+0.0414i	0.0399+0.0687i	0.0107+0.0309i	-0.0209+0.0471i	1.1066+0.1242i	1.5744+0.6960i	-3.0925+0.0770i	-2.8639+0.7069i
42.6	-0.0538+0.0377i	0.0439+0.0660i	0.0096+0.0283i	-0.0224+0.0454i	1.1262+0.1569i	1.5097+0.6330i	-3.1189+0.0792i	-2.9021+0.6397i
42.7	-0.0622+0.0428i	0.0421+0.0629i	0.0058+0.0295i	-0.0263+0.0459i	1.0841+0.2651i	1.4548+0.6375i	-3.1494+0.1168i	-2.9867+0.6528i
42.8	-0.0666+0.0559i	0.0443+0.0608i	0.0055+0.0334i	-0.0275+0.0494i	1.0246+0.2560i	1.4385+0.6456i	-3.1798+0.0932i	-3.0200+0.6577i
42.9	-0.0592+0.0683i	0.0417+0.0584i	0.0072+0.0358i	-0.0262+0.0526i	1.0492+0.2729i	1.4470+0.6753i	-3.2218+0.1178i	-3.0205+0.6853i
43.0	-0.0449+0.0664i	0.0404+0.0555i	0.0125+0.0333i	-0.0220+0.0505i	1.0434+0.2201i	1.4758+0.6364i	-3.2435+0.0958i	-2.9712+0.6770i
43.1	-0.0480+0.0578i	0.0394+0.0555i	0.0113+0.0308i	-0.0249+0.0491i	0.9546+0.1793i	1.4193+0.6039i	-3.3125+0.0794i	-3.0243+0.6374i
43.2	-0.0532+0.0631i	0.0396+0.0526i	0.0092+0.0316i	-0.0270+0.0500i	0.8828+0.1701i	1.3778+0.5973i	-3.3765+0.0496i	-3.0764+0.6263i
43.3	-0.0543+0.0677i	0.0371+0.0465i	0.0077+0.0299i	-0.0283+0.0489i	0.7756+0.2342i	1.3665+0.5916i	-3.4868+0.0446i	-3.1249+0.6067i
43.4	-0.0532+0.0660i	0.0321+0.0468i	0.0064+0.0285i	-0.0295+0.0487i	0.7511+0.2155i	1.3420+0.5932i	-3.5151+0.0611i	-3.1610+0.6139i

43.5	-0.0514+0.0762i	0.0287+0.0523i	0.0065+0.0335i	-0.0303+0.0544i	0.7552+0.1908i	1.3223+0.6266i	-3.5292+0.0556i	-3.1762+0.6624i
43.6	-0.0440+0.0777i	0.0282+0.0576i	0.0092+0.0362i	-0.0274+0.0566i	0.7694+0.2309i	1.3583+0.6190i	-3.5268+0.0786i	-3.1509+0.6645i
43.7	-0.0448+0.0715i	0.0309+0.0542i	0.0102+0.0324i	-0.0272+0.0541i	0.7343+0.2693i	1.3663+0.5910i	-3.5785+0.0617i	-3.1484+0.6219i
43.8	-0.0547+0.0728i	0.0246+0.0494i	0.0053+0.0309i	-0.0328+0.0531i	0.6043+0.1941i	1.2994+0.5904i	-3.6594+0.0228i	-3.2403+0.6148i
43.9	-0.0523+0.0831i	0.0193+0.0528i	0.0042+0.0336i	-0.0334+0.0582i	0.5001+0.1752i	1.2814+0.6262i	-3.7870+0.0151i	-3.2686+0.6589i
44.0	-0.0478+0.0952i	0.0198+0.0632i	0.0051+0.0411i	-0.0321+0.0664i	0.4532+0.2441i	1.2783+0.6622i	-3.8162+0.0568i	-3.2639+0.7169i
44.1	-0.0336+0.1005i	0.0252+0.0715i	0.0121+0.0458i	-0.0252+0.0711i	0.4485+0.2418i	1.3139+0.7164i	-3.7949+0.0567i	-3.2143+0.7596i
44.2	-0.0276+0.0878i	0.0273+0.0643i	0.0134+0.0386i	-0.0214+0.0642i	0.3883+0.3126i	1.3349+0.6501i	-3.8861+0.0892i	-3.2152+0.6909i
44.3	-0.0243+0.0945i	0.0266+0.0688i	0.0134+0.0418i	-0.0201+0.0667i	0.4050+0.2942i	1.3709+0.6617i	-3.9619+0.1418i	-3.1883+0.7239i
44.4	-0.0099+0.0885i	0.0376+0.0683i	0.0217+0.0399i	-0.0117+0.0649i	0.3737+0.2894i	1.4221+0.5989i	-4.0298+0.1337i	-3.1181+0.6550i
44.5	-0.0150+0.0827i	0.0377+0.0688i	0.0200+0.0370i	-0.0147+0.0627i	0.3017+0.2757i	1.3785+0.5828i	-4.0321+0.1279i	-3.1738+0.6248i
44.6	-0.0073+0.0808i	0.0452+0.0699i	0.0250+0.0374i	-0.0093+0.0623i	0.2775+0.3480i	1.3935+0.6015i	-4.0767+0.1756i	-3.1510+0.6246i
44.7	-0.0051+0.0667i	0.0539+0.0565i	0.0290+0.0280i	-0.0055+0.0525i	0.2564+0.3920i	1.4088+0.4994i	-4.0984+0.2178i	-3.1492+0.5109i
44.8	-0.0150+0.0557i	0.0459+0.0435i	0.0232+0.0202i	-0.0123+0.0445i	0.2280+0.3937i	1.3537+0.4256i	-4.0786+0.2501i	-3.2186+0.4447i
44.9	-0.0337+0.0592i	0.0282+0.0360i	0.0103+0.0183i	-0.0244+0.0440i	0.1774+0.3790i	1.2594+0.4009i	-4.1378+0.2577i	-3.3631+0.4277i
45.0	-0.0269+0.0767i	0.0205+0.0502i	0.0097+0.0288i	-0.0247+0.0548i	0.2109+0.3790i	1.2331+0.4955i	-4.1704+0.2868i	-3.3901+0.5296i
45.1	-0.0142+0.0735i	0.0294+0.0552i	0.0170+0.0292i	-0.0175+0.0548i	0.1639+0.3731i	1.2679+0.4753i	-4.2124+0.2835i	-3.3227+0.5312i
45.2	-0.0150+0.0600i	0.0337+0.0474i	0.0168+0.0217i	-0.0163+0.0476i	0.1158+0.4008i	1.2815+0.4079i	-4.2763+0.3231i	-3.3313+0.4498i
45.3	-0.0225+0.0520i	0.0359+0.0366i	0.0152+0.0140i	-0.0178+0.0420i	0.0552+0.4243i	1.2541+0.3357i	-4.3339+0.3056i	-3.3820+0.3600i
45.4	-0.0364+0.0554i	0.0266+0.0283i	0.0077+0.0126i	-0.0259+0.0411i	0.1093+0.4156i	1.1769+0.3250i	-4.3481+0.3409i	-3.4913+0.3317i
45.5	-0.0387+0.0637i	0.0184+0.0272i	0.0041+0.0153i	-0.0305+0.0434i	0.1227+0.3937i	1.1453+0.3350i	-4.3414+0.3781i	-3.5462+0.3621i
45.6	-0.0363+0.0691i	0.0116+0.0290i	0.0020+0.0170i	-0.0329+0.0464i	0.0567+0.4303i	1.1307+0.3372i	-4.3679+0.3576i	-3.5658+0.3786i
45.7	-0.0381+0.0740i	0.0031+0.0349i	-0.0011+0.0202i	-0.0351+0.0499i	-0.0226+0.5064i	1.0951+0.3401i	-4.4111+0.3816i	-3.6178+0.3953i
45.8	-0.0345+0.0790i	-0.0003+0.0399i	-0.0017+0.0236i	-0.0347+0.0539i	-0.0276+0.5228i	1.0812+0.3592i	-4.4329+0.3911i	-3.6398+0.4269i
45.9	-0.0263+0.0870i	-0.0015+0.0491i	-0.0006+0.0288i	-0.0335+0.0592i	-0.0425+0.5071i	1.0750+0.3863i	-4.4603+0.3985i	-3.6601+0.4709i
46.0	-0.0126+0.0861i	0.0070+0.0528i	0.0062+0.0297i	-0.0268+0.0601i	-0.0615+0.4803i	1.0913+0.3936i	-4.5122+0.4296i	-3.6125+0.4751i
46.1	-0.0053+0.0693i	0.0109+0.0458i	0.0106+0.0222i	-0.0217+0.0534i	-0.1268+0.5125i	1.0937+0.3170i	-4.5323+0.4909i	-3.5903+0.3925i
46.2	-0.0188+0.0634i	0.0005+0.0414i	0.0016+0.0184i	-0.0294+0.0503i	-0.0591+0.5430i	1.0348+0.2543i	-4.5362+0.5249i	-3.7084+0.3589i
46.3	-0.0194+0.0717i	-0.0041+0.0528i	-0.0014+0.0236i	-0.0315+0.0544i	-0.0981+0.6010i	1.0124+0.2932i	-4.5879+0.5264i	-3.7748+0.3914i
46.4	-0.0117+0.0728i	0.0037+0.0588i	0.0042+0.0267i	-0.0273+0.0579i	-0.1120+0.5804i	0.9953+0.3145i	-4.6012+0.5451i	-3.7795+0.3946i
46.5	-0.0042+0.0660i	0.0074+0.0516i	0.0083+0.0246i	-0.0233+0.0568i	-0.1602+0.6187i	0.9845+0.2554i	-4.6455+0.5464i	-3.7717+0.3752i
46.6	-0.0025+0.0591i	0.0053+0.0500i	0.0087+0.0216i	-0.0211+0.0535i	-0.2082+0.6467i	0.9840+0.2591i	-4.6680+0.5997i	-3.7922+0.3654i
46.7	-0.0046+0.0554i	0.0048+0.0507i	0.0082+0.0175i	-0.0207+0.0501i	-0.1375+0.6081i	0.9509+0.2237i	-4.6849+0.6480i	-3.8262+0.3205i
46.8	-0.0110+0.0461i	-0.0014+0.0466i	0.0021+0.0115i	-0.0267+0.0458i	-0.1305+0.6602i	0.8689+0.1819i	-4.7036+0.6722i	-3.9067+0.2776i
46.9	-0.0198+0.0469i	-0.0075+0.0490i	-0.0038+0.0139i	-0.0315+0.0470i	-0.2423+0.6614i	0.8396+0.2077i	-4.7253+0.6751i	-3.9999+0.3222i
47.0	-0.0214+0.0489i	-0.0054+0.0556i	-0.0056+0.0157i	-0.0328+0.0488i	-0.2703+0.6514i	0.7953+0.2431i	-4.7216+0.7034i	-4.0475+0.3565i
47.1	-0.0258+0.0524i	-0.0095+0.0587i	-0.0084+0.0177i	-0.0350+0.0498i	-0.2701+0.6725i	0.7475+0.2800i	-4.7079+0.7324i	-4.0957+0.3791i
47.2	-0.0247+0.0507i	-0.0128+0.0592i	-0.0107+0.0204i	-0.0369+0.0515i	-0.2591+0.6821i	0.7003+0.2639i	-4.7501+0.7667i	-4.1536+0.4059i
47.3	-0.0214+0.0546i	-0.0111+0.0645i	-0.0080+0.0232i	-0.0341+0.0536i	-0.2752+0.7354i	0.7186+0.2926i	-4.7583+0.7908i	-4.1480+0.4498i
47.4	-0.0211+0.0450i	-0.0095+0.0605i	-0.0048+0.0206i	-0.0312+0.0507i	-0.2777+0.7703i	0.7375+0.2865i	-4.7189+0.7858i	-4.1179+0.4730i
47.5	-0.0275+0.0342i	-0.0143+0.0545i	-0.0102+0.0156i	-0.0360+0.0445i	-0.2433+0.7350i	0.6793+0.2672i	-4.7386+0.7937i	-4.2022+0.4296i
47.6	-0.0418+0.0383i	-0.0269+0.0612i	-0.0194+0.0208i	-0.0451+0.0483i	-0.3200+0.6981i	0.6131+0.3112i	-4.8070+0.7897i	-4.2806+0.4645i
47.7	-0.0346+0.0454i	-0.0198+0.0736i	-0.0145+0.0264i	-0.0411+0.0554i	-0.2862+0.8000i	0.6223+0.3340i	-4.8467+0.8364i	-4.2453+0.5426i
47.8	-0.0306+0.0383i	-0.0154+0.0733i	-0.0126+0.0264i	-0.0401+0.0558i	-0.2813+0.8366i	0.6516+0.3452i	-4.8273+0.8684i	-4.2562+0.5780i
47.9	-0.0344+0.0400i	-0.0162+0.0762i	-0.0122+0.0257i	-0.0404+0.0551i	-0.3077+0.7696i	0.6618+0.3370i	-4.8502+0.9002i	-4.2852+0.5772i
48.0	-0.0329+0.0400i	-0.0114+0.0817i	-0.0107+0.0298i	-0.0398+0.0572i	-0.3088+0.8563i	0.6218+0.3604i	-4.8462+0.9651i	-4.2817+0.6407i
48.1	-0.0303+0.0392i	-0.0086+0.0848i	-0.0094+0.0310i	-0.0381+0.0583i	-0.3039+0.8442i	0.6178+0.3899i	-4.8609+1.0317i	-4.2776+0.6933i
48.2	-0.0290+0.0359i	-0.0030+0.0872i	-0.0061+0.0294i	-0.0353+0.0574i	-0.3466+0.8624i	0.6060+0.4134i	-4.8741+1.0434i	-4.2666+0.7036i
48.3	-0.0293+0.0261i	0.0038+0.0830i	-0.0031+0.0248i	-0.0337+0.0535i	-0.3285+0.8585i	0.5910+0.3710i	-4.8118+1.0617i	-4.2660+0.6792i
48.4	-0.0410+0.0216i	0.0042+0.0747i	-0.0071+0.0201i	-0.0376+0.0499i	-0.2696+0.8553i	0.6198+0.3459i	-4.7919+1.0622i	-4.2947+0.6547i
48.5	-0.0460+0.0177i	0.0017+0.0734i	-0.0106+0.0184i	-0.0403+0.0487i	-0.3213+0.8667i	0.6049+0.3545i	-4.8201+1.0684i	-4.2836+0.6373i
48.6	-0.0622+0.0131i	-0.0053+0.0693i	-0.0171+0.0154i	-0.0466+0.0453i	-0.2625+0.8360i	0.5573+0.3466i	-4.7687+1.0697i	-4.3256+0.6008i
48.7	-0.0812+0.0205i	-0.0143+0.0718i	-0.0264+0.0196i	-0.0564+0.0492i	-0.2460+0.7713i	0.5001+0.3296i	-4.7195+1.0750i	-4.4145+0.6142i
48.8	-0.0824+0.0413i	-0.0128+0.0835i	-0.0247+0.0304i	-0.0563+0.0592i	-0.3548+0.8095i	0.4735+0.3951i	-4.8321+1.0500i	-4.4634+0.7146i
48.9	-0.0720+0.0416i	-0.0070+0.0813i	-0.0180+0.0314i	-0.0511+0.0607i	-0.3467+0.8260i	0.5263+0.4067i	-4.8257+1.0472i	-4.4000+0.7447i
49.0	-0.0763+0.0398i	-0.0102+0.0814i	-0.0207+0.0297i	-0.0531+0.0592i	-0.3291+0.7827i	0.5392+0.3617i	-4.8389+1.0981i	-4.4373+0.7319i
49.1	-0.0777+0.0393i	-0.0100+0.0819i	-0.0229+0.0276i	-0.0549+0.0585i	-0.3336+0.8042i	0.5230+0.3850i	-4.8497+1.0994i	-4.4525+0.7408i
49.2	-0.0853+0.0338i	-0.0122+0.0810i	-0.0259+0.0257i	-0.0577+0.0562i	-0.2976+0.8195i	0.5120+0.3815i	-4.8660+1.0771i	-4.4639+0.7164i
49.3	-0.0891+0.0463i	-0.0092+0.0908i	-0.0267+0.0321i	-0.0581+0.0629i	-0.4062+0.8067i	0.4611+0.4289i	-4.9154+1.0465i	-4.4736+0.7504i
49.4	-0.0932+0.0493i	-0.0062+0.0908i	-0.0280+0.0340i	-0.0585+0.0647i	-0.4166+0.8367i	0.4756+0.4273i	-4.8727+1.0030i	-4.4801+0.7769i
49.5	-0.0921+0.0477i	-0.0057+0.0863i	-0.0251+0.0347i	-0.0551+0.0653i	-0.3498+0.8508i	0.4984+0.3923i	-4.9405+1.0838i	-4.4852+0.7870i
49.6	-0.0899+0.0470i	0.0002+0.0861i	-0.0226+0.0342i	-0.0545+0.0654i	-0.4164+0.8590i	0.4605+0.4033i	-4.9417+1.0785i	-4.4807+0.7724i
49.7	-0.1026+0.0545i	-0.0038+0.0837i	-0.0311+0.0302i	-0.0626+0.0612i	-0.4306+0.7918i	0.4402+0.3727i	-4.9680+1.0467i	-4.5224+0.7335i

49.8	-0.1379+0.0547i	-0.0260+0.0796i	-0.0377+0.0219i	-0.0662+0.0522i	-0.4292+0.7559i	0.4040+0.3376i	-4.9833+1.0238i	-4.5689+0.7471i
49.9	-0.1062+0.0684i	-0.0096+0.0863i	-0.0295+0.0399i	-0.0609+0.0707i	-0.5203+0.6903i	0.3702+0.3904i	-4.9787+1.0274i	-4.5724+0.8469i
50.0	-0.1031+0.0665i	-0.0086+0.0867i	-0.0311+0.0385i	-0.0618+0.0707i	-0.4572+0.7005i	0.3805+0.3481i	-5.0590+1.1649i	-4.6167+0.8211i
50.1	-0.1140+0.0620i	-0.0133+0.0825i	-0.0349+0.0376i	-0.0656+0.0698i	-0.3450+0.7868i	0.3063+0.1269i	-5.1063+1.1760i	-4.7472+0.8296i
50.2	-0.1156+0.0680i	-0.0135+0.0861i	-0.0377+0.0407i	-0.0687+0.0720i	-0.4358+0.8119i	0.2807+0.2257i	-5.1704+1.2310i	-4.7093+0.8788i
50.3	-0.1155+0.0824i	-0.0110+0.0935i	-0.0352+0.0453i	-0.0671+0.0774i	-0.5509+0.8806i	0.3750+0.3651i	-5.1813+1.2575i	-4.7200+0.8561i
50.4	-0.1139+0.0881i	-0.0125+0.0963i	-0.0353+0.0531i	-0.0675+0.0845i	-0.5563+0.8640i	0.3704+0.4127i	-5.1724+1.2578i	-4.7444+0.8904i
50.5	-0.1184+0.1048i	-0.0152+0.1089i	-0.0376+0.0614i	-0.0696+0.0949i	-0.6616+0.7309i	0.3205+0.4819i	-5.1729+1.2737i	-4.6849+0.9752i
50.6	-0.1041+0.1162i	-0.0035+0.1191i	-0.0275+0.0654i	-0.0611+0.0994i	-0.6849+0.7708i	0.3401+0.5374i	-5.1645+1.2850i	-4.6241+1.0486i
50.7	-0.0910+0.1087i	0.0100+0.1150i	-0.0181+0.0618i	-0.0517+0.0970i	-0.5822+0.9450i	0.4208+0.4868i	-5.2352+1.3545i	-4.6133+1.0424i
50.8	-0.0920+0.1043i	0.0177+0.1059i	-0.0169+0.0570i	-0.0492+0.0941i	-0.6207+0.9521i	0.4092+0.4725i	-5.2447+1.4016i	-4.5907+0.9679i
50.9	-0.1055+0.1012i	0.0097+0.0973i	-0.0271+0.0535i	-0.0589+0.0904i	-0.6064+0.9545i	0.3453+0.4367i	-5.2368+1.5068i	-4.6541+0.9344i
51.0	-0.0996+0.1072i	0.0088+0.0964i	-0.0254+0.0537i	-0.0563+0.0902i	-0.5911+0.9685i	0.3496+0.4147i	-5.1798+1.5122i	-4.6947+0.9809i
51.1	-0.1117+0.1184i	0.0026+0.1016i	-0.0271+0.0597i	-0.0601+0.0953i	-0.6157+0.9745i	0.3214+0.3899i	-5.2326+1.5183i	-4.7770+0.9753i
51.2	-0.1034+0.1523i	0.0084+0.1195i	-0.0192+0.0793i	-0.0548+0.1166i	-0.6442+0.9775i	0.3268+0.5165i	-5.1536+1.5255i	-4.7634+1.1423i
51.3	-0.0710+0.1223i	0.0255+0.0997i	-0.0059+0.0612i	-0.0386+0.1014i	-0.6712+0.9320i	0.4017+0.4889i	-5.1875+1.4881i	-4.6085+1.0136i
51.4	-0.0865+0.0911i	0.0158+0.0765i	-0.0152+0.0419i	-0.0465+0.0810i	-0.5917+0.9675i	0.2966+0.3638i	-5.1352+1.6370i	-4.6709+0.8750i
51.5	-0.1118+0.0929i	-0.0015+0.0738i	-0.0305+0.0405i	-0.0616+0.0798i	-0.6068+1.0121i	0.2597+0.3342i	-5.0887+1.7378i	-4.8415+0.8671i
51.6	-0.1336+0.1124i	-0.0168+0.0831i	-0.0433+0.0525i	-0.0756+0.0929i	-0.6951+1.0477i	0.2298+0.4159i	-5.0741+1.7245i	-4.9705+0.9484i
51.7	-0.1231+0.1265i	-0.0114+0.0926i	-0.0382+0.0582i	-0.0704+0.0994i	-0.6674+1.0678i	0.2102+0.4153i	-5.0428+1.7405i	-4.9173+1.0191i
51.8	-0.1137+0.1363i	-0.0056+0.0996i	-0.0326+0.0644i	-0.0639+0.1048i	-0.6204+1.0441i	0.2004+0.4100i	-5.1185+1.8304i	-4.8928+1.0702i
51.9	-0.1135+0.1374i	-0.0023+0.0992i	-0.0312+0.0660i	-0.0613+0.1055i	-0.6687+1.0308i	0.1818+0.4726i	-5.0925+1.8839i	-4.9115+1.0969i
52.0	-0.1179+0.1401i	-0.0067+0.0947i	-0.0348+0.0647i	-0.0645+0.1047i	-0.6602+1.0595i	0.1579+0.4870i	-5.1131+1.8876i	-4.9305+1.0804i
52.1	-0.1258+0.1623i	-0.0166+0.1018i	-0.0399+0.0735i	-0.0714+0.1154i	-0.7574+1.0655i	0.1669+0.5208i	-5.1255+1.8702i	-4.9959+1.1568i
52.2	-0.1150+0.1893i	-0.0134+0.1169i	-0.0360+0.0864i	-0.0674+0.1302i	-0.7193+1.0482i	0.2028+0.5364i	-5.0819+1.8675i	-4.9703+1.3274i
52.3	-0.0814+0.1952i	0.0018+0.1232i	-0.0195+0.0888i	-0.0496+0.1349i	-0.7584+1.0329i	0.2181+0.5617i	-5.1295+1.8400i	-4.8364+1.3747i
52.4	-0.0790+0.1748i	-0.0003+0.1114i	-0.0201+0.0787i	-0.0487+0.1236i	-0.7145+0.9930i	0.1947+0.5283i	-5.0251+1.8954i	-4.8312+1.2569i
52.5	-0.0801+0.1860i	-0.0067+0.1174i	-0.0234+0.0847i	-0.0517+0.1302i	-0.7094+0.9991i	0.1700+0.5026i	-4.9977+2.0279i	-4.8476+1.3077i
52.6	-0.0587+0.1866i	0.0030+0.1261i	-0.0117+0.0876i	-0.0402+0.1347i	-0.7493+1.0620i	0.1964+0.5499i	-4.9370+2.0417i	-4.7472+1.3439i
52.7	-0.0502+0.1695i	0.0096+0.1195i	-0.0059+0.0792i	-0.0336+0.1257i	-0.7778+1.1235i	0.2042+0.5287i	-4.9141+2.0610i	-4.6786+1.2778i
52.8	-0.0600+0.1615i	0.0105+0.1165i	-0.0095+0.0753i	-0.0368+0.1217i	-0.6910+1.0810i	0.2170+0.4990i	-4.7981+2.0488i	-4.7169+1.2187i
52.9	-0.0681+0.1423i	0.0119+0.0996i	-0.0143+0.0621i	-0.0392+0.1104i	-0.6647+1.0697i	0.1918+0.4668i	-4.6455+2.1261i	-4.7700+1.0759i
53.0	-0.1150+0.1484i	-0.0251+0.0955i	-0.0432+0.0633i	-0.0674+0.1104i	-0.5764+1.0126i	0.0524+0.4510i	-4.5052+2.0707i	-5.0467+1.0298i
53.1	-0.1165+0.1715i	-0.0303+0.1143i	-0.0452+0.0788i	-0.0693+0.1257i	-0.6163+1.0623i	0.0305+0.5328i	-4.5176+2.0325i	-5.1076+1.1659i
53.2	-0.1057+0.1918i	-0.0267+0.1308i	-0.0401+0.0907i	-0.0642+0.1390i	-0.6414+1.1183i	0.0094+0.5664i	-4.5917+2.0874i	-5.0804+1.2957i
53.3	-0.0889+0.2145i	-0.0181+0.1470i	-0.0313+0.1040i	-0.0563+0.1539i	-0.6599+1.0532i	0.0638+0.6385i	-4.5405+2.0068i	-5.0496+1.4402i
53.4	-0.0620+0.2205i	-0.0052+0.1555i	-0.0184+0.1081i	-0.0405+0.1585i	-0.5946+1.0775i	0.0605+0.6132i	-4.5331+1.9385i	-4.9392+1.5036i
53.5	-0.0461+0.1940i	0.0130+0.1443i	-0.0074+0.0954i	-0.0282+0.1442i	-0.6562+1.0785i	0.1153+0.5531i	-4.5157+1.9482i	-4.8417+1.3925i
53.6	-0.0602+0.1787i	0.0110+0.1273i	-0.0132+0.0847i	-0.0334+0.1324i	-0.7367+1.0128i	0.0697+0.5058i	-4.4613+1.9201i	-4.8898+1.2922i
53.7	-0.0714+0.1808i	-0.0006+0.1313i	-0.0212+0.0872i	-0.0414+0.1350i	-0.7113+1.0107i	-0.0062+0.6007i	-4.4606+1.9078i	-4.9664+1.3004i
53.8	-0.0931+0.1936i	-0.0140+0.1372i	-0.0334+0.0938i	-0.0534+0.1422i	-0.6389+1.0286i	-0.0209+0.6091i	-4.3683+1.8978i	-5.0894+1.3674i
53.9	-0.0980+0.2381i	-0.0226+0.1631i	-0.0384+0.1166i	-0.0588+0.1675i	-0.6203+0.9279i	-0.0489+0.6836i	-4.2861+1.8606i	-5.1618+1.5529i
54.0	-0.0657+0.2501i	-0.0056+0.1812i	-0.0237+0.1251i	-0.0401+0.1782i	-0.6277+0.9014i	-0.0181+0.7171i	-4.2212+1.8009i	-5.0307+1.7064i
54.1	-0.0416+0.2431i	0.0170+0.1880i	-0.0081+0.1243i	-0.0241+0.1796i	-0.6480+0.9472i	0.0481+0.7682i	-4.2486+1.8148i	-4.8987+1.7752i
54.2	-0.0604+0.2372i	0.0143+0.1747i	-0.0155+0.1196i	-0.0285+0.1712i	-0.6390+0.9544i	-0.0014+0.7981i	-4.1570+1.7332i	-4.9165+1.6501i
54.3	-0.0600+0.2714i	0.0114+0.1922i	-0.0147+0.1379i	-0.0281+0.1891i	-0.6549+0.8949i	0.0043+0.8535i	-4.1694+1.6794i	-4.9397+1.7853i
54.4	-0.0136+0.2838i	0.0396+0.2071i	0.0103+0.1480i	-0.0024+0.1969i	-0.7379+0.9135i	0.0409+0.9327i	-4.2692+1.6463i	-4.7500+1.8884i
54.5	0.0284+0.2696i	0.0712+0.2008i	0.0332+0.1415i	0.0249+0.1890i	-0.6860+0.9605i	0.1285+0.8944i	-4.1943+1.6142i	-4.5114+1.8640i
54.6	0.0453+0.2391i	0.0872+0.1813i	0.0433+0.1258i	0.0374+0.1715i	-0.7143+0.8998i	0.1756+0.8559i	-4.1884+1.5636i	-4.3923+1.7439i
54.7	0.0330+0.2158i	0.0836+0.1619i	0.0389+0.1127i	0.0319+0.1548i	-0.6864+0.8649i	0.2159+0.8013i	-4.1621+1.5149i	-4.4365+1.6009i
54.8	0.0066+0.2303i	0.0620+0.1669i	0.0234+0.1188i	0.0144+0.1605i	-0.7751+0.8556i	0.1630+0.8262i	-4.1935+1.4134i	-4.5772+1.6100i
54.9	0.0285+0.2535i	0.0743+0.1820i	0.0353+0.1319i	0.0274+0.1749i	-0.7684+0.7747i	0.2084+0.8392i	-4.1888+1.3221i	-4.4505+1.6875i
55.0	0.0529+0.2423i	0.0933+0.1752i	0.0504+0.1259i	0.0415+0.1688i	-0.7537+0.8656i	0.2593+0.8610i	-4.1898+1.2652i	-4.3451+1.5833i
55.1	0.0600+0.2269i	0.0985+0.1646i	0.0540+0.1169i	0.0448+0.1580i	-0.7406+0.8420i	0.2915+0.8234i	-4.2449+1.2079i	-4.3728+1.4972i
55.2	0.0652+0.2165i	0.1015+0.1579i	0.0566+0.1122i	0.0473+0.1517i	-0.7973+0.8041i	0.2953+0.8226i	-4.2428+1.1347i	-4.3781+1.3942i
55.3	0.0667+0.2039i	0.1046+0.1513i	0.0581+0.1053i	0.0492+0.1437i	-0.8970+0.8278i	0.2630+0.7919i	-4.2519+1.0777i	-4.3642+1.2927i
55.4	0.0642+0.1883i	0.1046+0.1386i	0.0567+0.0951i	0.0490+0.1332i	-0.8893+0.7965i	0.2789+0.7007i	-4.2787+1.0274i	-4.3885+1.2354i
55.5	0.0484+0.1931i	0.0967+0.1432i	0.0501+0.0994i	0.0407+0.1365i	-0.8365+0.7432i	0.3464+0.6979i	-4.3687+1.0210i	-4.5362+1.2532i
55.6	0.0573+0.2076i	0.1045+0.1528i	0.0570+0.1078i	0.0472+0.1462i	-0.8788+0.7191i	0.3431+0.7668i	-4.4437+0.9799i	-4.5473+1.3156i
55.7	0.0712+0.1991i	0.1169+0.1448i	0.0642+0.1008i	0.0560+0.1411i	-0.8956+0.7417i	0.3542+0.7553i	-4.4696+0.9345i	-4.4364+1.2664i
55.8	0.0763+0.1907i	0.1215+0.1361i	0.0672+0.0941i	0.0577+0.1337i	-0.9634+0.7168i	0.3495+0.6914i	-4.5064+0.8988i	-4.4522+1.1961i
55.9	0.0794+0.1792i	0.1202+0.1237i	0.0667+0.0871i	0.0590+0.1253i	-1.0367+0.7272i	0.3045+0.6721i	-4.5869+0.8199i	-4.4713+1.1567i
56.0	0.0670+0.1668i	0.1093+0.1133i	0.0594+0.0788i	0.0516+0.1165i	-1.0590+0.7182i	0.3195+0.6536i	-4.6413+0.7874i	-4.5683+1.0404i

56.1	0.0585+0.1906i	0.1055+0.1290i	0.0559+0.0914i	0.0456+0.1311i	-1.1170+0.7396i	0.3557+0.6889i	-4.6903+0.7382i	-4.6888+1.1725i
56.2	0.0718+0.1953i	0.1188+0.1299i	0.0645+0.0946i	0.0553+0.1332i	-1.0603+0.7749i	0.3809+0.7169i	-4.7261+0.7145i	-4.6479+1.1613i
56.3	0.0733+0.1810i	0.1194+0.1172i	0.0651+0.0857i	0.0566+0.1248i	-1.2397+0.7921i	0.3126+0.7166i	-4.7924+0.7240i	-4.6284+1.1010i
56.4	0.0769+0.1736i	0.1193+0.1119i	0.0652+0.0827i	0.0576+0.1201i	-1.2185+0.7587i	0.2849+0.6844i	-4.8385+0.7392i	-4.6217+1.0341i
56.5	0.0852+0.1669i	0.1201+0.1060i	0.0672+0.0776i	0.0610+0.1147i	-1.2257+0.7080i	0.3008+0.6395i	-4.9674+0.7485i	-4.6340+1.0315i
56.6	0.0830+0.1611i	0.1202+0.1021i	0.0675+0.0736i	0.0616+0.1111i	-1.2535+0.6889i	0.3041+0.6128i	-4.9468+0.7636i	-4.6418+1.0059i
56.7	0.0821+0.1556i	0.1180+0.0972i	0.0672+0.0707i	0.0606+0.1072i	-1.3179+0.6667i	0.3408+0.5691i	-4.9655+0.7677i	-4.6736+0.9905i
56.8	0.0834+0.1512i	0.1155+0.0943i	0.0674+0.0680i	0.0595+0.1036i	-1.3899+0.7453i	0.3200+0.5700i	-5.0350+0.7338i	-4.7416+0.9263i
56.9	0.0819+0.1479i	0.1135+0.0912i	0.0655+0.0655i	0.0570+0.1011i	-1.3925+0.7206i	0.2932+0.5815i	-5.1294+0.7382i	-4.8212+0.9295i
57.0	0.0811+0.1385i	0.1117+0.0842i	0.0638+0.0606i	0.0567+0.0956i	-1.3704+0.7293i	0.3196+0.5281i	-5.1762+0.7398i	-4.8395+0.9188i
57.1	0.0707+0.1335i	0.1018+0.0844i	0.0588+0.0591i	0.0509+0.0929i	-1.4167+0.8107i	0.3192+0.5138i	-5.2468+0.7400i	-4.9223+0.9130i
57.2	0.0646+0.1470i	0.1001+0.0948i	0.0546+0.0659i	0.0487+0.1013i	-1.5361+0.8273i	0.2643+0.5311i	-5.2731+0.7433i	-4.9182+0.9760i
57.3	0.0718+0.1444i	0.1058+0.0910i	0.0594+0.0658i	0.0532+0.1011i	-1.5692+0.7327i	0.2724+0.4988i	-5.2949+0.7900i	-4.8931+0.9980i
57.4	0.0724+0.1388i	0.1065+0.0869i	0.0610+0.0636i	0.0518+0.0970i	-1.5990+0.7949i	0.2380+0.4916i	-5.2738+0.8413i	-4.8852+0.9347i
57.5	0.0749+0.1345i	0.1080+0.0832i	0.0617+0.0615i	0.0538+0.0939i	-1.6380+0.8050i	0.2521+0.4590i	-5.3557+0.8396i	-4.8977+0.8848i
57.6	0.0739+0.1347i	0.1058+0.0829i	0.0606+0.0611i	0.0540+0.0936i	-1.6478+0.7929i	0.2688+0.4375i	-5.3854+0.8555i	-4.9646+0.8492i
57.7	0.0730+0.1329i	0.1045+0.0814i	0.0587+0.0582i	0.0535+0.0927i	-1.6452+0.9289i	0.2483+0.4512i	-5.4540+0.8122i	-4.9655+0.8381i
57.8	0.0732+0.1280i	0.1055+0.0773i	0.0604+0.0562i	0.0524+0.0890i	-1.7402+0.9158i	0.2575+0.4512i	-5.5120+0.8309i	-5.0189+0.8325i
57.9	0.0692+0.1232i	0.1015+0.0767i	0.0561+0.0549i	0.0497+0.0869i	-1.7918+0.9644i	0.2144+0.4288i	-5.5258+0.8670i	-4.9818+0.7957i
58.0	0.0651+0.1213i	0.0987+0.0757i	0.0549+0.0544i	0.0488+0.0859i	-1.7979+1.0805i	0.1964+0.3880i	-5.5315+0.8618i	-4.9608+0.7848i
58.1	0.0634+0.1210i	0.0957+0.0745i	0.0523+0.0532i	0.0467+0.0847i	-1.8465+1.1037i	0.1851+0.3573i	-5.6935+0.8831i	-5.0645+0.7789i
58.2	0.0626+0.1210i	0.0974+0.0767i	0.0524+0.0535i	0.0459+0.0856i	-1.8435+1.1620i	0.1915+0.3479i	-5.7301+0.9256i	-5.1197+0.7867i
58.3	0.0612+0.1231i	0.0985+0.0793i	0.0525+0.0555i	0.0448+0.0880i	-1.8971+1.1796i	0.1874+0.3329i	-5.7820+0.9322i	-5.1944+0.7181i
58.4	0.0593+0.1226i	0.0981+0.0767i	0.0539+0.0543i	0.0462+0.0860i	-1.9773+1.1806i	0.1878+0.3214i	-5.8228+0.9758i	-5.1798+0.6897i
58.5	0.0576+0.1213i	0.1009+0.0747i	0.0531+0.0534i	0.0458+0.0852i	-1.9732+1.1936i	0.1817+0.2438i	-5.8446+1.0372i	-5.1749+0.6699i
58.6	0.0582+0.1257i	0.1038+0.0727i	0.0544+0.0530i	0.0466+0.0861i	-1.9492+1.2940i	0.1673+0.1833i	-5.8913+1.1215i	-5.2891+0.6643i
58.7	0.0618+0.1264i	0.1038+0.0708i	0.0540+0.0540i	0.0468+0.0856i	-1.9098+1.4205i	0.1684+0.1680i	-5.9723+1.1929i	-5.3039+0.6251i
58.8	0.0642+0.1259i	0.1009+0.0701i	0.0541+0.0536i	0.0482+0.0850i	-1.9486+1.5148i	0.1145+0.1401i	-5.9669+1.2471i	-5.3119+0.5427i
58.9	0.0617+0.1248i	0.1000+0.0695i	0.0528+0.0533i	0.0463+0.0858i	-1.9482+1.5377i	0.0592+0.0726i	-5.9694+1.3067i	-5.4110+0.4381i
59.0	0.0617+0.1219i	0.0944+0.0678i	0.0495+0.0513i	0.0447+0.0833i	-1.8605+1.5862i	-0.0159+0.0691i	-5.9739+1.4021i	-5.4619+0.3579i
59.1	0.0627+0.1236i	0.0905+0.0692i	0.0476+0.0512i	0.0442+0.0842i	-1.8059+1.6554i	-0.0683+0.0304i	-5.8850+1.4901i	-5.5543+0.3175i
59.2	0.0612+0.1208i	0.0941+0.0699i	0.0485+0.0510i	0.0452+0.0812i	-1.7281+1.7524i	-0.1910-0.0358i	-5.7924+1.6294i	-5.7069+0.2595i
59.3	0.0621+0.1215i	0.0935+0.0671i	0.0477+0.0516i	0.0458+0.0799i	-1.6279+1.6914i	-0.3149-0.0972i	-5.7086+1.7151i	-5.8846+0.2568i
59.4	0.0548+0.1224i	0.0862+0.0668i	0.0444+0.0517i	0.0419+0.0805i	-1.5684+1.5878i	-0.4778-0.0271i	-5.5928+1.6899i	-6.1167+0.2675i
59.5	0.0556+0.1177i	0.0874+0.0669i	0.0446+0.0514i	0.0434+0.0794i	-1.4434+1.5524i	-0.5668-0.0198i	-5.4436+1.6776i	-6.2613+0.3038i
59.6	0.0553+0.1174i	0.0885+0.0679i	0.0455+0.0508i	0.0441+0.0765i	-1.4011+1.4831i	-0.7090+0.0499i	-5.2955+1.5897i	-6.3386+0.3950i
59.7	0.0508+0.1207i	0.0880+0.0710i	0.0459+0.0528i	0.0416+0.0780i	-1.3091+1.2665i	-0.7521+0.1730i	-5.2038+1.4191i	-6.5114+0.4374i
59.8	0.0534+0.1224i	0.0885+0.0722i	0.0454+0.0564i	0.0424+0.0798i	-1.3417+1.1652i	-0.7945+0.2894i	-5.1989+1.2485i	-6.6436+0.5795i
59.9	0.0564+0.1308i	0.0905+0.0809i	0.0458+0.0650i	0.0404+0.0896i	-1.5993+1.7067i	-1.3828+1.0068i	-5.2421+1.0639i	-6.2958+0.3659i
60.0	0.0550+0.1413i	0.0875+0.0956i	0.0430+0.0768i	0.0339+0.1025i	-1.9413+2.4208i	-2.1982+1.6805i	-5.1940+0.8822i	-5.7556+0.1356i
60.1	0.0524+0.1400i	0.0849+0.0935i	0.0417+0.0749i	0.0344+0.0994i	-2.2802+2.0923i	-2.1259+1.3758i	-5.3003+0.7404i	-5.8671+0.4320i
60.2	0.0529+0.1263i	0.0924+0.0746i	0.0468+0.0593i	0.0401+0.0807i	-1.8074+0.9293i	-0.8306+0.6072i	-5.4277+0.8117i	-6.7748+1.0876i
60.3	0.0540+0.1261i	0.0926+0.0738i	0.0488+0.0592i	0.0397+0.0799i	-1.8996+0.9273i	-0.8179+0.6803i	-5.5263+0.8035i	-6.7227+1.2109i
60.4	0.0536+0.1266i	0.0939+0.0732i	0.0491+0.0581i	0.0374+0.0799i	-2.0115+0.9448i	-0.8009+0.7285i	-5.6332+0.7149i	-6.6908+1.2670i
60.5	0.0534+0.1285i	0.0938+0.0735i	0.0482+0.0604i	0.0375+0.0815i	-2.0573+0.8683i	-0.7934+0.7396i	-5.7122+0.6273i	-6.7535+1.2346i
60.6	0.0579+0.1302i	0.0970+0.0721i	0.0522+0.0591i	0.0416+0.0811i	-2.1253+0.8929i	-0.7668+0.6976i	-5.8166+0.6251i	-6.7761+1.3113i
60.7	0.0610+0.1293i	0.0993+0.0705i	0.0542+0.0575i	0.0431+0.0791i	-2.2284+0.9443i	-0.7444+0.7303i	-5.8885+0.5805i	-6.7315+1.4006i
60.8	0.0625+0.1303i	0.0987+0.0697i	0.0538+0.0592i	0.0424+0.0800i	-2.3311+0.9320i	-0.7695+0.8164i	-5.9990+0.6248i	-6.7459+1.3990i
60.9	0.0632+0.1302i	0.0983+0.0700i	0.0538+0.0596i	0.0425+0.0802i	-2.4176+0.9820i	-0.7807+0.8666i	-6.0733+0.6453i	-6.7659+1.4150i
61.0	0.0600+0.1288i	0.0968+0.0684i	0.0535+0.0587i	0.0405+0.0797i	-2.4450+1.0644i	-0.7841+0.8980i	-6.1664+0.6347i	-6.8019+1.4096i
61.1	0.0610+0.1267i	0.0977+0.0695i	0.0544+0.0560i	0.0405+0.0787i	-2.4578+1.1252i	-0.8045+0.9200i	-6.2412+0.6676i	-6.8360+1.4525i
61.2	0.0639+0.1272i	0.0987+0.0673i	0.0556+0.0567i	0.0419+0.0780i	-2.5575+1.1134i	-0.7988+0.9252i	-6.3148+0.6463i	-6.8419+1.4716i
61.3	0.0627+0.1284i	0.0969+0.0649i	0.0546+0.0574i	0.0413+0.0785i	-2.6155+1.0644i	-0.7977+0.9662i	-6.3739+0.6617i	-6.7890+1.5072i
61.4	0.0642+0.1234i	0.0966+0.0638i	0.0549+0.0545i	0.0411+0.0761i	-2.6679+1.2088i	-0.7871+0.9702i	-6.4730+0.6401i	-6.8144+1.5635i
61.5	0.0660+0.1220i	0.0969+0.0624i	0.0540+0.0534i	0.0405+0.0754i	-2.8390+1.1391i	-0.8105+0.9282i	-6.5128+0.6402i	-6.8728+1.5664i
61.6	0.0675+0.1224i	0.0938+0.0610i	0.0532+0.0532i	0.0400+0.0745i	-2.9048+1.1185i	-0.8372+0.9622i	-6.5692+0.6879i	-6.8963+1.5454i
61.7	0.0676+0.1246i	0.0916+0.0605i	0.0529+0.0541i	0.0390+0.0749i	-2.9179+1.1752i	-0.8489+1.0145i	-6.6231+0.6802i	-6.9239+1.5593i
61.8	0.0663+0.1274i	0.0900+0.0591i	0.0517+0.0547i	0.0386+0.0785i	-3.0537+1.2154i	-0.8725+1.0453i	-6.6276+0.6334i	-6.9878+1.6310i
61.9	0.0634+0.1238i	0.0871+0.0624i	0.0511+0.0544i	0.0373+0.0783i	-3.1565+1.3491i	-0.9031+1.1451i	-6.6950+0.6574i	-7.0338+1.6137i
62.0	0.0630+0.1216i	0.0852+0.0637i	0.0506+0.0537i	0.0372+0.0768i	-3.2238+1.3047i	-0.9579+1.1942i	-6.7765+0.6568i	-7.0804+1.6189i
62.1	0.0649+0.1199i	0.0861+0.0672i	0.0513+0.0552i	0.0382+0.0760i	-3.3548+1.4226i	-0.9509+1.2049i	-6.8876+0.6082i	-7.1210+1.6870i
62.2	0.0664+0.1192i	0.0862+0.0659i	0.0534+0.0535i	0.0377+0.0754i	-3.4156+1.4878i	-0.9271+1.1754i	-6.9586+0.7367i	-7.0518+1.7499i
62.3	0.0660+0.1218i	0.0841+0.0686i	0.0530+0.0528i	0.0361+0.0769i	-3.4646+1.5517i	-0.9826+1.2550i	-7.0500+0.7664i	-7.1032+1.7449i

62.4	0.0638+0.1216i	0.0818+0.0696i	0.0522+0.0546i	0.0358+0.0772i	-3.5147+1.6558i	-0.9777+1.3326i	-7.0946+0.7948i	-7.1003+1.6827i
62.5	0.0629+0.1209i	0.0823+0.0727i	0.0508+0.0569i	0.0351+0.0788i	-3.5660+1.6977i	-0.9926+1.4166i	-7.1094+0.8275i	-7.1879+1.6769i
62.6	0.0665+0.1202i	0.0855+0.0748i	0.0517+0.0568i	0.0328+0.0802i	-3.7086+1.7051i	-0.9903+1.4733i	-7.2263+0.7995i	-7.2205+1.7804i
62.7	0.0665+0.1179i	0.0866+0.0760i	0.0518+0.0554i	0.0342+0.0799i	-3.9724+1.8489i	-1.0417+1.5586i	-7.3557+0.8248i	-7.3000+1.8598i
62.8	0.0633+0.1158i	0.0876+0.0769i	0.0521+0.0550i	0.0335+0.0787i	-4.0531+1.9706i	-0.9965+1.6461i	-7.3416+0.8514i	-7.3172+1.8144i
62.9	0.0638+0.1181i	0.0892+0.0800i	0.0525+0.0573i	0.0350+0.0808i	-4.0590+2.0120i	-0.9354+1.6761i	-7.4546+0.8710i	-7.4278+1.8767i
63.0	0.0599+0.1176i	0.0853+0.0796i	0.0508+0.0574i	0.0332+0.0801i	-4.1472+2.1176i	-1.0309+1.7308i	-7.6234+0.9336i	-7.4256+1.8831i
63.1	0.0572+0.1159i	0.0848+0.0810i	0.0509+0.0572i	0.0320+0.0798i	-4.3680+2.2413i	-1.0715+1.7978i	-7.6528+0.8579i	-7.5360+1.9037i
63.2	0.0584+0.1139i	0.0829+0.0823i	0.0502+0.0570i	0.0313+0.0786i	-4.5101+2.4615i	-1.1293+1.8924i	-7.7180+0.9168i	-7.6219+1.9253i
63.3	0.0539+0.1117i	0.0839+0.0812i	0.0497+0.0554i	0.0306+0.0780i	-4.6099+2.7572i	-1.1283+1.9270i	-7.8049+0.9527i	-7.6830+2.0052i
63.4	0.0518+0.1139i	0.0891+0.0817i	0.0511+0.0570i	0.0316+0.0799i	-4.7559+2.7680i	-1.0539+2.0230i	-7.9083+0.9021i	-7.7849+2.0575i
63.5	0.0488+0.1235i	0.0926+0.0876i	0.0499+0.0609i	0.0284+0.0857i	-4.8500+2.9415i	-0.9685+2.1430i	-8.0946+0.9322i	-7.9647+2.0969i
63.6	0.0466+0.1237i	0.0914+0.0850i	0.0479+0.0614i	0.0272+0.0849i	-4.8160+3.2009i	-0.9744+2.2043i	-8.2133+1.1185i	-7.9118+2.2067i
63.7	0.0433+0.1206i	0.0904+0.0903i	0.0489+0.0616i	0.0267+0.0836i	-4.9728+3.4477i	-0.9479+2.3402i	-8.2867+1.2422i	-7.9599+2.2227i
63.8	0.0447+0.1242i	0.0942+0.0969i	0.0491+0.0630i	0.0289+0.0876i	-5.0847+3.5112i	-0.8236+2.4023i	-8.3747+1.0429i	-8.1270+2.1841i
63.9	0.0427+0.1286i	0.0977+0.0966i	0.0485+0.0647i	0.0289+0.0895i	-5.1262+3.8326i	-0.7036+2.5400i	-8.4688+1.1998i	-8.1509+2.3468i
64.0	0.0378+0.1341i	0.0983+0.0955i	0.0492+0.0660i	0.0269+0.0920i	-5.1769+3.9932i	-0.6482+2.6135i	-8.5641+1.3528i	-8.2069+2.4251i
64.1	0.0393+0.1355i	0.0979+0.0989i	0.0508+0.0680i	0.0283+0.0944i	-5.2472+4.0939i	-0.5777+2.6007i	-8.6247+1.2829i	-8.2443+2.4143i
64.2	0.0399+0.1321i	0.0986+0.0998i	0.0503+0.0675i	0.0274+0.0941i	-5.1719+4.3602i	-0.5072+2.6661i	-8.8215+1.4437i	-8.2175+2.4514i
64.3	0.0405+0.1416i	0.1055+0.1036i	0.0496+0.0711i	0.0295+0.0974i	-5.2995+4.8878i	-0.4044+2.8600i	-8.9884+1.3792i	-8.4420+2.6597i
64.4	0.0395+0.1442i	0.1113+0.1055i	0.0513+0.0735i	0.0322+0.1001i	-5.5044+5.3080i	-0.3333+2.9428i	-9.0787+1.4342i	-8.6090+2.8017i
64.5	0.0361+0.1504i	0.1117+0.1085i	0.0511+0.0752i	0.0298+0.1037i	-5.4157+5.6787i	-0.2067+3.0080i	-9.1781+1.7398i	-8.5928+2.9653i
64.6	0.0367+0.1546i	0.1133+0.1097i	0.0527+0.0766i	0.0303+0.1067i	-5.4735+5.8521i	-0.0153+3.0065i	-9.3413+1.7801i	-8.6560+3.0460i
64.7	0.0415+0.1606i	0.1206+0.1119i	0.0559+0.0814i	0.0347+0.1092i	-5.3192+6.3561i	0.2442+3.0479i	-9.4426+1.9447i	-8.7333+3.2576i
64.8	0.0381+0.1690i	0.1174+0.1209i	0.0533+0.0869i	0.0307+0.1159i	-5.4187+6.6172i	0.2174+3.1701i	-9.4706+1.8588i	-8.9968+3.1877i
64.9	0.0389+0.1736i	0.1245+0.1202i	0.0551+0.0885i	0.0311+0.1169i	-5.1875+6.9641i	0.3676+3.1269i	-9.6732+2.0713i	-9.0478+3.3856i
65.0	0.0448+0.1787i	0.1309+0.1201i	0.0566+0.0908i	0.0366+0.1203i	-5.0027+7.6148i	0.5307+3.1517i	-9.7565+2.1604i	-9.1362+3.5783i
65.1	0.0475+0.1848i	0.1352+0.1249i	0.0589+0.0934i	0.0397+0.1238i	-4.9779+7.8996i	0.5891+3.2415i	-9.7834+2.2585i	-9.1603+3.6481i
65.2	0.0502+0.1972i	0.1402+0.1281i	0.0616+0.0986i	0.0432+0.1280i	-4.8342+8.5873i	0.7335+3.2388i	-10.0528+2.5239i	-9.3936+3.9347i
65.3	0.0548+0.1960i	0.1419+0.1248i	0.0627+0.0975i	0.0438+0.1266i	-4.2357+8.9129i	0.8390+3.1659i	-10.0687+2.8349i	-9.2546+4.0677i
65.4	0.0611+0.2053i	0.1467+0.1293i	0.0670+0.1018i	0.0462+0.1321i	-3.8548+9.5139i	0.9621+3.2299i	-10.3151+2.8516i	-9.4076+4.2971i
65.5	0.0631+0.2125i	0.1508+0.1342i	0.0699+0.1068i	0.0484+0.1375i	-3.4943+9.7878i	1.1177+3.2488i	-10.4648+3.1119i	-9.4721+4.4484i
65.6	0.0687+0.2143i	0.1599+0.1357i	0.0756+0.1079i	0.0553+0.1388i	-3.0812+10.0093i	1.2505+3.1007i	-10.5941+3.2423i	-9.3642+4.6441i
65.7	0.0775+0.2182i	0.1702+0.1382i	0.0806+0.1104i	0.0601+0.1417i	-2.8079+10.2030i	1.3593+2.9481i	-10.5559+3.1280i	-9.4598+4.7299i
65.8	0.0893+0.2215i	0.1840+0.1389i	0.0890+0.1121i	0.0698+0.1439i	-2.1847+10.5995i	1.5307+2.9052i	-10.5727+3.4277i	-9.4291+5.0639i
65.9	0.0985+0.2233i	0.1934+0.1322i	0.0950+0.1113i	0.0754+0.1414i	-1.4055+10.4778i	1.6413+2.8028i	-10.5457+3.6512i	-9.2637+5.2196i
66.0	0.1051+0.2272i	0.1975+0.1325i	0.0983+0.1124i	0.0784+0.1431i	-0.7162+10.5106i	1.6874+2.8489i	-10.5538+3.9062i	-9.3649+5.3165i
66.1	0.1130+0.2330i	0.2098+0.1368i	0.1050+0.1139i	0.0873+0.1471i	-0.1804+11.0087i	1.7239+2.8187i	-10.8401+4.2372i	-9.4639+5.6503i
66.2	0.1239+0.2361i	0.2245+0.1331i	0.1165+0.1169i	0.0953+0.1461i	0.5804+11.2130i	1.9108+2.7814i	-10.8384+4.5892i	-9.4251+5.9997i
66.3	0.1327+0.2345i	0.2282+0.1263i	0.1200+0.1173i	0.0998+0.1434i	1.2410+10.7983i	2.0003+2.7489i	-10.5233+4.7977i	-9.1166+6.0810i
66.4	0.1377+0.2304i	0.2306+0.1222i	0.1210+0.1138i	0.1023+0.1419i	1.6422+10.3419i	2.0299+2.5460i	-10.4789+5.0260i	-8.9346+6.1740i
66.5	0.1461+0.2312i	0.2418+0.1200i	0.1275+0.1129i	0.1083+0.1417i	2.1438+10.2188i	2.0855+2.4378i	-10.3763+5.1183i	-8.9367+6.3711i
66.6	0.1533+0.2313i	0.2514+0.1150i	0.1334+0.1124i	0.1156+0.1412i	2.7911+10.1015i	2.1157+2.4079i	-10.4250+5.2124i	-8.7942+6.5402i
66.7	0.1652+0.2252i	0.2676+0.1044i	0.1434+0.1082i	0.1231+0.1362i	3.2635+9.8339i	2.3412+2.2135i	-10.2430+5.4606i	-8.6564+6.8040i
66.8	0.1751+0.2220i	0.2745+0.0968i	0.1503+0.1058i	0.1283+0.1316i	3.5856+9.6054i	2.3706+2.1909i	-10.1899+5.7214i	-8.6307+6.9387i
66.9	0.1831+0.2215i	0.2830+0.0916i	0.1562+0.1037i	0.1333+0.1307i	3.7942+9.1703i	2.4867+2.1243i	-10.1368+5.8734i	-8.6302+7.1778i
67.0	0.1928+0.2169i	0.2929+0.0747i	0.1631+0.0943i	0.1405+0.1243i	4.4339+8.7139i	2.6109+1.9868i	-10.1904+6.1303i	-8.3017+7.4068i
67.1	0.2029+0.2143i	0.2935+0.0646i	0.1679+0.0900i	0.1438+0.1205i	4.5102+8.2870i	2.6197+1.9335i	-10.0138+5.9675i	-8.2337+7.3052i
67.2	0.2123+0.2105i	0.3007+0.0592i	0.1735+0.0886i	0.1487+0.1183i	4.4701+8.1348i	2.6833+1.7700i	-9.9516+5.9744i	-8.2227+7.4836i
67.3	0.2208+0.2044i	0.3023+0.0515i	0.1788+0.0835i	0.1527+0.1132i	4.8379+7.5388i	2.6773+1.7124i	-9.7421+6.3882i	-8.0770+7.5614i
67.4	0.2304+0.1989i	0.3150+0.0504i	0.1861+0.0815i	0.1603+0.1102i	5.1409+7.3980i	2.7396+1.6789i	-9.7549+6.5223i	-8.0494+7.7509i
67.5	0.2351+0.1855i	0.3166+0.0367i	0.1885+0.0723i	0.1608+0.1029i	5.3865+6.9949i	2.7489+1.5534i	-9.8195+7.0253i	-7.6530+7.8379i
67.6	0.2480+0.1739i	0.3249+0.0202i	0.1972+0.0623i	0.1696+0.0947i	5.4092+6.2224i	2.9133+1.3626i	-9.4883+7.0684i	-7.3820+8.0181i
67.7	0.2567+0.1650i	0.3343+0.0087i	0.2030+0.0547i	0.1757+0.0878i	5.5907+5.9802i	2.9595+1.2768i	-9.5806+7.2358i	-7.2568+8.2027i
67.8	0.2582+0.1636i	0.3408+0.0037i	0.2044+0.0534i	0.1779+0.0847i	5.8099+5.7898i	2.8894+1.1964i	-9.6682+7.1417i	-7.2541+8.2977i
67.9	0.2604+0.1586i	0.3445-0.0125i	0.2073+0.0479i	0.1816+0.0795i	5.8178+5.4993i	2.8894+1.0752i	-9.7778+7.0842i	-7.0281+8.2155i
68.0	0.2647+0.1440i	0.3523-0.0305i	0.2130+0.0328i	0.1878+0.0685i	5.8383+5.2239i	2.9763+0.9167i	-9.3891+7.3954i	-6.8415+8.4744i
68.1	0.2667+0.1427i	0.3577-0.0415i	0.2166+0.0288i	0.1882+0.0644i	5.7626+5.0162i	2.9636+0.8271i	-9.6287+7.4232i	-6.9630+8.5175i
68.2	0.2725+0.1331i	0.3622-0.0618i	0.2210+0.0197i	0.1910+0.0563i	6.0232+4.8397i	2.9724+0.6907i	-9.7772+7.7261i	-6.8827+8.7468i
68.3	0.2773+0.1259i	0.3632-0.0779i	0.2227+0.0125i	0.1942+0.0489i	6.1616+4.5383i	3.0242+0.6609i	-9.7954+8.0337i	-6.6826+8.8396i
68.4	0.2780+0.1209i	0.3637-0.0874i	0.2243+0.0059i	0.1948+0.0458i	6.0254+4.4814i	3.0306+0.5764i	-9.6027+8.2420i	-6.7055+8.9604i
68.5	0.2817+0.1065i	0.3629-0.1098i	0.2220-0.0061i	0.1945+0.0327i	5.9573+4.1068i	3.0017+0.2887i	-9.1849+8.2387i	-6.3933+9.0453i
68.6	0.2841+0.0953i	0.3634-0.1267i	0.2248-0.0156i	0.1960+0.0245i	5.8807+3.7105i	3.0026+0.1942i	-9.2007+8.4123i	-6.2952+9.1308i

68.7	0.2799+0.0886i	0.3589-0.1416i	0.2243-0.0248i	0.1958+0.0193i	5.9052+3.5005i	2.9989+0.1477i	-9.2624+8.4819i	-6.2107+9.2150i
68.8	0.2782+0.0725i	0.3442-0.1682i	0.2187-0.0401i	0.1902+0.0028i	5.8755+3.0760i	2.9798-0.1480i	-9.0062+8.9880i	-5.8819+9.2883i
68.9	0.2830+0.0621i	0.3380-0.1869i	0.2172-0.0494i	0.1910-0.0056i	5.9666+2.8724i	2.9774-0.2866i	-8.8664+9.0327i	-5.5665+9.4186i
69.0	0.2779+0.0593i	0.3367-0.1977i	0.2167-0.0537i	0.1899-0.0078i	5.9126+2.8141i	2.9050-0.3547i	-9.1711+8.7983i	-5.5255+9.4414i
69.1	0.2737+0.0573i	0.3302-0.2130i	0.2107-0.0609i	0.1869-0.0124i	5.8041+2.8227i	2.7768-0.5020i	-9.2389+8.9047i	-5.3728+9.6283i
69.2	0.2749+0.0408i	0.3197-0.2385i	0.2066-0.0752i	0.1852-0.0269i	5.7623+2.3294i	2.7394-0.6861i	-8.8491+9.6035i	-4.9707+9.8881i
69.3	0.2734+0.0331i	0.3065-0.2507i	0.2017-0.0821i	0.1802-0.0361i	5.6503+1.9141i	2.6813-0.7338i	-8.4233+9.9056i	-4.7898+9.9048i
69.4	0.2771+0.0322i	0.3029-0.2615i	0.2024-0.0880i	0.1803-0.0384i	5.6457+1.7858i	2.6354-0.7660i	-8.5972+10.3014i	-4.7935+10.0925i
69.5	0.2700+0.0205i	0.2909-0.2815i	0.1969-0.0974i	0.1756-0.0471i	5.6323+1.7342i	2.4806-0.9931i	-8.4679+10.1037i	-4.4626+10.0699i
69.6	0.2652+0.0140i	0.2758-0.3021i	0.1897-0.1067i	0.1701-0.0554i	5.4364+1.6124i	2.3839-1.1411i	-8.1084+10.0850i	-4.1359+10.1411i
69.7	0.2594+0.0045i	0.2508-0.3235i	0.1798-0.1180i	0.1599-0.0673i	5.3655+1.3413i	2.2161-1.2682i	-7.9170+10.6566i	-3.8091+10.1636i
69.8	0.2535+0.0004i	0.2298-0.3318i	0.1694-0.1218i	0.1521-0.0739i	5.1047+1.0353i	2.0787-1.3185i	-7.7059+10.7349i	-3.6340+9.9547i
69.9	0.2528-0.0065i	0.2118-0.3450i	0.1642-0.1296i	0.1460-0.0809i	4.9997+0.9701i	2.0509-1.3612i	-7.5975+10.7334i	-3.3747+10.1317i
70.0	0.2542-0.0170i	0.1927-0.3628i	0.1584-0.1384i	0.1432-0.0862i	5.1517+0.9119i	2.0292-1.5084i	-7.2979+11.1055i	-2.9801+10.5267i
70.1	0.2498-0.0181i	0.1694-0.3707i	0.1473-0.1420i	0.1321-0.0870i	5.2695+0.6642i	1.8054-1.4935i	-7.2310+11.6323i	-2.6798+10.5890i
70.2	0.2403-0.0232i	0.1378-0.3695i	0.1325-0.1444i	0.1194-0.0885i	4.9584+0.5399i	1.6676-1.5369i	-6.6616+11.4533i	-2.3182+10.2735i
70.3	0.2354-0.0254i	0.1147-0.3751i	0.1227-0.1462i	0.1122-0.0926i	4.9106+0.2532i	1.5393-1.5522i	-6.3064+12.0516i	-2.0156+10.2471i
70.4	0.2344-0.0253i	0.0924-0.3768i	0.1153-0.1447i	0.1066-0.0941i	4.8763+0.0805i	1.3963-1.5558i	-5.8827+12.2414i	-1.6752+10.2537i
70.5	0.2354-0.0314i	0.0743-0.3822i	0.1080-0.1500i	0.1004-0.0972i	4.8147+0.0804i	1.3333-1.6369i	-6.1032+12.3219i	-1.4325+10.3875i
70.6	0.2300-0.0357i	0.0561-0.3734i	0.0997-0.1506i	0.0912-0.0969i	4.6600+0.0115i	1.1989-1.6010i	-5.7811+12.1370i	-1.1881+10.1369i
70.7	0.2215-0.0433i	0.0201-0.3565i	0.0845-0.1458i	0.0777-0.0962i	4.4279-0.2961i	0.9523-1.5871i	-4.7763+12.4062i	-0.5890+9.6420i
70.8	0.2213-0.0477i	0.0003-0.3596i	0.0801-0.1471i	0.0722-0.0961i	4.5257-0.3640i	0.9040-1.5946i	-4.8472+12.7029i	-0.2935+9.8184i
70.9	0.2146-0.0540i	-0.0233-0.3473i	0.0683-0.1431i	0.0635-0.0956i	4.2869-0.6146i	0.7926-1.5848i	-4.2052+12.7432i	0.0232+9.4609i
71.0	0.2075-0.0527i	-0.0359-0.3304i	0.0612-0.1399i	0.0580-0.0913i	4.0288-0.6873i	0.6940-1.5083i	-3.7826+12.5823i	0.1639+9.0473i
71.1	0.2094-0.0513i	-0.0458-0.3367i	0.0588-0.1430i	0.0540-0.0936i	4.1681-0.7466i	0.6244-1.4798i	-3.9240+12.8143i	0.2570+9.2195i
71.2	0.2050-0.0504i	-0.0617-0.3287i	0.0535-0.1382i	0.0493-0.0912i	4.0189-0.8178i	0.5829-1.4172i	-3.6321+12.6052i	0.3228+8.9797i
71.3	0.1993-0.0485i	-0.0724-0.3073i	0.0479-0.1296i	0.0433-0.0852i	3.6397-0.7748i	0.5538-1.3274i	-3.2506+12.0490i	0.2662+8.4764i
71.4	0.1941-0.0539i	-0.0984-0.2922i	0.0356-0.1277i	0.0346-0.0843i	3.4870-1.0187i	0.4670-1.2941i	-2.6803+11.9649i	0.8083+8.1355i
71.5	0.1891-0.0621i	-0.1249-0.2807i	0.0260-0.1256i	0.0246-0.0823i	3.3261-1.2876i	0.4069-1.2972i	-2.0185+12.0942i	1.2107+7.8711i
71.6	0.1859-0.0614i	-0.1325-0.2642i	0.0201-0.1189i	0.0191-0.0759i	3.2544-1.3333i	0.3113-1.2199i	-1.7071+11.8950i	1.1903+7.6349i
71.7	0.1849-0.0623i	-0.1411-0.2483i	0.0174-0.1143i	0.0185-0.0712i	3.1615-1.3142i	0.2975-1.1633i	-1.6401+11.7987i	1.2121+7.4624i
71.8	0.1879-0.0662i	-0.1598-0.2300i	0.0120-0.1105i	0.0143-0.0678i	3.1071-1.5367i	0.2302-1.1059i	-1.3111+12.1116i	1.4388+7.2906i
71.9	0.1864-0.0675i	-0.1657-0.2161i	0.0094-0.1060i	0.0099-0.0636i	3.0589-1.5184i	0.2326-1.0685i	-1.2670+11.9843i	1.4650+7.0461i
72.0	0.1759-0.0686i	-0.1643-0.1879i	0.0060-0.0954i	0.0073-0.0533i	2.6133-1.4767i	0.1943-1.0358i	-0.6452+11.2160i	1.3616+6.5374i
72.1	0.1701-0.0726i	-0.1742-0.1644i	0.0012-0.0900i	0.0050-0.0484i	2.3788-1.6459i	0.1348-1.0074i	-0.0845+11.2167i	1.5156+6.2491i
72.2	0.1655-0.0745i	-0.1684-0.1493i	0.0018-0.0844i	0.0044-0.0450i	2.2004-1.5548i	0.1245-1.0183i	0.1934+10.8058i	1.3595+6.0032i
72.3	0.1597-0.0769i	-0.1708-0.1310i	-0.0001-0.0773i	0.0030-0.0401i	2.0943-1.5643i	0.0963-0.9886i	0.3165+10.7415i	1.3036+5.7866i
72.4	0.1589-0.0760i	-0.1710-0.1161i	-0.0001-0.0723i	0.0033-0.0354i	2.0735-1.6868i	0.1070-0.9354i	0.4227+10.7450i	1.3262+5.7214i
72.5	0.1577-0.0821i	-0.1673-0.1009i	0.0004-0.0703i	0.0039-0.0318i	1.9262-1.6592i	0.1122-0.9309i	0.5126+10.4150i	1.3801+5.5159i
72.6	0.1532-0.0893i	-0.1619-0.0852i	-0.0006-0.0685i	0.0056-0.0297i	1.7297-1.5620i	0.1346-1.0042i	0.8988+10.1123i	1.3992+5.3713i
72.7	0.1425-0.0930i	-0.1557-0.0670i	-0.0014-0.0603i	0.0042-0.0249i	1.5463-1.6417i	0.0638-0.9897i	1.2705+9.9963i	1.4181+4.9806i
72.8	0.1414-0.0976i	-0.1413-0.0531i	0.0042-0.0556i	0.0080-0.0244i	1.4083-1.7132i	0.1316-0.9561i	1.7986+9.3927i	1.3698+4.7993i
72.9	0.1384-0.0921i	-0.1369-0.0433i	0.0034-0.0526i	0.0084-0.0209i	1.2260-1.7412i	0.1254-0.8874i	1.6108+9.2117i	1.3728+4.7277i
73.0	0.1315-0.0886i	-0.1299-0.0362i	0.0050-0.0513i	0.0071-0.0165i	1.1315-1.6651i	-0.0045-0.8698i	1.3598+9.0150i	1.1610+4.4835i
73.1	0.1287-0.0920i	-0.1232-0.0291i	0.0060-0.0497i	0.0085-0.0140i	1.1163-1.5931i	0.0087-0.8651i	1.7007+9.0110i	1.1919+4.5054i
73.2	0.1252-0.0932i	-0.1172-0.0209i	0.0059-0.0474i	0.0086-0.0114i	1.0493-1.5717i	0.0004-0.8307i	1.9451+8.7578i	1.1594+4.3625i
73.3	0.1149-0.0964i	-0.1068-0.0155i	0.0046-0.0461i	0.0091-0.0134i	0.9166-1.5084i	-0.0363-0.8868i	2.1461+8.4268i	1.0683+4.0258i
73.4	0.1076-0.0920i	-0.0957-0.0114i	0.0083-0.0447i	0.0138-0.0110i	0.7093-1.5479i	0.0194-0.8762i	2.3162+8.0641i	1.0587+3.8657i
73.5	0.1038-0.0900i	-0.0913-0.0080i	0.0097-0.0439i	0.0132-0.0096i	0.5835-1.4994i	-0.0069-0.9321i	2.2392+7.6891i	1.0769+3.6915i
73.6	0.1000-0.0837i	-0.0836-0.0090i	0.0112-0.0403i	0.0132-0.0084i	0.5311-1.3405i	-0.0427-0.8899i	2.1978+7.0870i	0.9442+3.4998i
73.7	0.1015-0.0817i	-0.0773-0.0025i	0.0137-0.0381i	0.0154-0.0079i	0.4967-1.2809i	-0.1401-0.8530i	2.1139+6.9965i	0.7938+3.3512i
73.8	0.0990-0.0793i	-0.0779-0.0015i	0.0135-0.0373i	0.0158-0.0049i	0.4981-1.1554i	-0.1486-0.8225i	1.9199+7.0568i	0.7632+3.3999i
73.9	0.0953-0.0782i	-0.0752+0.0011i	0.0153-0.0373i	0.0148-0.0042i	0.2989-1.1142i	-0.1348-0.8120i	1.9409+6.8373i	0.7205+3.3884i
74.0	0.0923-0.0853i	-0.0655+0.0034i	0.0160-0.0367i	0.0168-0.0069i	0.2112-1.1561i	-0.1230-0.8414i	2.0584+6.6090i	0.7349+3.1992i
74.1	0.0879-0.0880i	-0.0609+0.0063i	0.0169-0.0362i	0.0182-0.0069i	0.1474-1.2086i	-0.1538-0.8392i	2.4224+6.2861i	0.7862+3.0050i
74.2	0.0810-0.0831i	-0.0569+0.0018i	0.0166-0.0349i	0.0156-0.0077i	0.1498-1.1546i	-0.2178-0.8633i	2.3700+5.8045i	0.6885+2.9172i
74.3	0.0789-0.0798i	-0.0521-0.0012i	0.0150-0.0376i	0.0141-0.0092i	0.0761-1.0366i	-0.2685-0.8548i	2.0788+5.8752i	0.5768+2.8317i
74.4	0.0719-0.0832i	-0.0465+0.0025i	0.0150-0.0379i	0.0123-0.0099i	-0.0708-0.9068i	-0.2955-0.9127i	2.1588+5.6010i	0.5496+2.6810i
74.5	0.0684-0.0774i	-0.0444+0.0039i	0.0177-0.0360i	0.0126-0.0078i	-0.0185-0.7973i	-0.3214-0.8745i	2.0236+5.5063i	0.4921+2.6874i
74.6	0.0658-0.0721i	-0.0376+0.0023i	0.0180-0.0332i	0.0149-0.0066i	-0.1085-0.8196i	-0.3061-0.8335i	1.9279+5.0164i	0.2308+2.4398i
74.7	0.0635-0.0685i	-0.0351+0.0025i	0.0156-0.0322i	0.0138-0.0053i	-0.1260-0.7518i	-0.3479-0.7695i	1.7378+4.9247i	0.1990+2.3503i
74.8	0.0645-0.0749i	-0.0309+0.0019i	0.0175-0.0343i	0.0167-0.0057i	-0.1476-0.8120i	-0.3456-0.7761i	1.8925+4.8766i	0.3392+2.4142i
74.9	0.0589-0.0719i	-0.0293+0.0040i	0.0178-0.0326i	0.0153-0.0063i	-0.2144-0.6296i	-0.3844-0.7740i	1.8231+4.3788i	0.1824+2.2817i

75.0	0.0598−0.0703i	−0.0288+0.0025i	0.0172−0.0333i	0.0129−0.0057i	−0.1948−0.6312i	−0.3980−0.7592i	1.6092+4.4451i	0.0579+2.2458i
75.1	0.0586−0.0635i	−0.0239−0.0009i	0.0175−0.0328i	0.0128−0.0052i	−0.1699−0.6681i	−0.4594−0.6970i	1.4163+4.4056i	−0.1196+2.1993i
75.2	0.0533−0.0617i	−0.0230+0.0005i	0.0179−0.0325i	0.0115−0.0049i	−0.2327−0.5446i	−0.4745−0.6874i	1.2917+4.2405i	−0.1961+1.9414i
75.3	0.0560−0.0559i	−0.0222+0.0010i	0.0184−0.0282i	0.0146−0.0006i	−0.1959−0.4365i	−0.5217−0.6302i	1.3094+4.1735i	−0.2791+1.9588i
75.4	0.0502−0.0524i	−0.0210−0.0021i	0.0171−0.0280i	0.0114−0.0019i	−0.4192−0.5227i	−0.5685−0.6196i	1.1277+3.8882i	−0.4143+1.8228i
75.5	0.0525−0.0512i	−0.0214−0.0050i	0.0185−0.0265i	0.0121−0.0040i	−0.4170−0.4858i	−0.5361−0.6035i	1.0783+3.8623i	−0.4533+1.8927i
75.6	0.0478−0.0496i	−0.0174−0.0047i	0.0164−0.0261i	0.0102−0.0041i	−0.3283−0.4566i	−0.5591−0.5984i	0.8649+3.7012i	−0.5721+1.7739i
75.7	0.0440−0.0520i	−0.0157−0.0019i	0.0152−0.0298i	0.0107−0.0052i	−0.3230−0.3868i	−0.5827−0.6235i	0.7937+3.6702i	−0.5957+1.5996i
75.8	0.0448−0.0536i	−0.0169−0.0008i	0.0168−0.0308i	0.0122−0.0048i	−0.3662−0.3723i	−0.6332−0.6075i	0.6753+3.5593i	−0.6672+1.5398i
75.9	0.0406−0.0420i	−0.0150−0.0038i	0.0157−0.0296i	0.0105−0.0023i	−0.3795−0.1836i	−0.6911−0.5854i	0.5190+3.3693i	−0.8537+1.4166i
76.0	0.0392−0.0386i	−0.0141−0.0055i	0.0143−0.0278i	0.0091+0.0012i	−0.4092−0.2085i	−0.7168−0.5864i	0.6887+3.3331i	−0.9564+1.3451i
76.1	0.0385−0.0404i	−0.0127−0.0046i	0.0123−0.0262i	0.0086−0.0015i	−0.4693−0.2658i	−0.6929−0.5480i	0.7927+3.3219i	−0.9599+1.3884i
76.2	0.0341−0.0431i	−0.0156−0.0032i	0.0141−0.0288i	0.0064−0.0033i	−0.5262−0.2321i	−0.6696−0.5403i	0.5827+3.1621i	−0.9000+1.2845i
76.3	0.0391−0.0354i	−0.0147−0.0015i	0.0151−0.0237i	0.0060+0.0009i	−0.4906−0.1336i	−0.7250−0.4720i	0.5533+3.3151i	−1.1064+1.3408i
76.4	0.0382−0.0325i	−0.0146−0.0006i	0.0139−0.0234i	0.0073+0.0004i	−0.5657−0.0662i	−0.7165−0.4493i	0.4533+3.5544i	−1.2033+1.4798i
76.5	0.0300−0.0291i	−0.0130−0.0009i	0.0137−0.0226i	0.0048+0.0004i	−0.5740−0.0754i	−0.7532−0.4699i	0.1850+3.3347i	−1.2619+1.2677i
76.6	0.0316−0.0258i	−0.0121−0.0035i	0.0123−0.0227i	0.0065+0.0054i	−0.5095−0.0229i	−0.7683−0.4083i	0.1635+3.4305i	−1.4245+1.2068i
76.7	0.0324−0.0184i	−0.0131−0.0038i	0.0124−0.0195i	0.0067+0.0066i	−0.6468−0.0574i	−0.7831−0.3363i	0.0996+3.3553i	−1.5795+1.2851i
76.8	0.0303−0.0116i	−0.0118−0.0035i	0.0121−0.0166i	0.0046+0.0080i	−0.6648+0.0058i	−0.7939−0.3505i	−0.0954+3.1365i	−1.7916+1.2344i
76.9	0.0326−0.0124i	−0.0104−0.0040i	0.0113−0.0163i	0.0028+0.0076i	−0.5941−0.0195i	−0.7882−0.3492i	−0.1573+3.0903i	−1.7955+1.1936i
77.0	0.0294−0.0091i	−0.0093−0.0030i	0.0131−0.0156i	0.0042+0.0049i	−0.5367−0.0468i	−0.8097−0.3039i	−0.2997+3.1680i	−1.8984+1.2426i
77.1	0.0299−0.0046i	−0.0102+0.0001i	0.0126−0.0131i	0.0058+0.0062i	−0.5738+0.0505i	−0.8423−0.2743i	−0.1830+3.1813i	−2.0551+1.1625i
77.2	0.0351−0.0019i	−0.0105−0.0013i	0.0120−0.0104i	0.0038+0.0092i	−0.5664+0.1119i	−0.8177−0.1825i	−0.1229+3.1682i	−2.2263+1.2944i
77.3	0.0388+0.0046i	−0.0067+0.0007i	0.0151−0.0073i	0.0053+0.0121i	−0.5228+0.1347i	−0.7887−0.1422i	0.0165+2.9670i	−2.3109+1.4802i
77.4	0.0312+0.0023i	−0.0038−0.0013i	0.0106−0.0108i	0.0045+0.0113i	−0.6209+0.0582i	−0.8179−0.2172i	−0.0689+2.8837i	−2.1117+1.3001i
77.5	0.0355+0.0043i	−0.0049−0.0011i	0.0130−0.0085i	0.0060+0.0122i	−0.5388+0.1818i	−0.8473−0.2032i	−0.0373+3.0011i	−2.2422+1.2651i
77.6	0.0398+0.0046i	−0.0036−0.0022i	0.0164−0.0075i	0.0060+0.0110i	−0.5079+0.0795i	−0.8310−0.1671i	−0.1446+2.9325i	−2.2077+1.2525i
77.7	0.0417+0.0120i	−0.0043−0.0010i	0.0182−0.0068i	0.0061+0.0125i	−0.5502+0.1433i	−0.8169−0.0955i	−0.0459+2.8977i	−2.3261+1.2552i
77.8	0.0448+0.0101i	−0.0055−0.0031i	0.0203−0.0096i	0.0072+0.0114i	−0.5760+0.1905i	−0.8009−0.1267i	−0.0375+3.0087i	−2.2481+1.3264i
77.9	0.0544+0.0071i	−0.0030−0.0028i	0.0223−0.0082i	0.0093+0.0103i	−0.5738+0.1858i	−0.7638−0.1302i	0.0111+2.9541i	−2.3609+1.5077i
78.0	0.0506+0.0116i	−0.0034−0.0036i	0.0200−0.0088i	0.0083+0.0132i	−0.5100+0.2659i	−0.8170−0.0756i	0.1763+2.9431i	−2.4985+1.4224i
78.1	0.0479+0.0179i	−0.0024−0.0004i	0.0209−0.0072i	0.0082+0.0147i	−0.4928+0.2693i	−0.8389−0.0153i	0.0289+2.6028i	−2.5901+1.3380i
78.2	0.0568+0.0142i	−0.0009−0.0024i	0.0262−0.0076i	0.0106+0.0155i	−0.6069+0.2315i	−0.8043+0.0015i	−0.0943+2.2871i	−2.5474+1.5752i
78.3	0.0581+0.0217i	−0.0019−0.0024i	0.0265−0.0037i	0.0114+0.0188i	−0.6233+0.2626i	−0.8204−0.0596i	−0.2921+2.4054i	−2.7349+1.5189i
78.4	0.0595+0.0196i	−0.0039−0.0036i	0.0276−0.0056i	0.0105+0.0187i	−0.6612+0.3165i	−0.7665−0.0148i	−0.3182+2.4785i	−2.6513+1.4833i
78.5	0.0629+0.0190i	−0.0054−0.0075i	0.0271−0.0056i	0.0080+0.0185i	−0.6837+0.2337i	−0.7970−0.0054i	−0.2804+2.5459i	−2.6872+1.5657i
78.6	0.0695+0.0157i	−0.0035−0.0080i	0.0288−0.0074i	0.0151+0.0141i	−0.6910+0.2187i	−0.8023−0.0105i	−0.2423+2.2582i	−2.7689+1.7073i
78.7	0.0651+0.0168i	−0.0039−0.0083i	0.0311−0.0060i	0.0146+0.0142i	−0.6529+0.2908i	−0.8112+0.0053i	−0.1390+2.2064i	−2.7666+1.6148i
78.8	0.0715+0.0184i	−0.0039−0.0073i	0.0320−0.0025i	0.0149+0.0187i	−0.6278+0.2643i	−0.7975+0.0012i	−0.3961+2.4490i	−2.8714+1.6721i
78.9	0.0752+0.0284i	−0.0088−0.0017i	0.0298−0.0002i	0.0158+0.0239i	−0.4903+0.3645i	−0.7946+0.0892i	−0.3768+2.6853i	−2.9737+1.6918i
79.0	0.0800+0.0242i	−0.0063+0.0010i	0.0295−0.0026i	0.0179+0.0228i	−0.3160+0.2698i	−0.7564+0.1852i	0.3381+2.6108i	−2.8259+1.7270i
79.1	0.0815+0.0158i	−0.0011−0.0008i	0.0313−0.0065i	0.0212+0.0178i	−0.4620+0.1057i	−0.7518+0.1481i	0.5196+2.0239i	−2.7298+1.7721i
79.2	0.0881+0.0161i	0.0004−0.0043i	0.0348−0.0096i	0.0219+0.0132i	−0.6111+0.0702i	−0.7005+0.0800i	0.0683+1.6184i	−2.7053+1.8362i
79.3	0.0911+0.0052i	−0.0014−0.0053i	0.0354−0.0109i	0.0214+0.0099i	−0.6390+0.1386i	−0.6816+0.0477i	−0.0865+1.5789i	−2.7364+1.7538i
79.4	0.0857+0.0057i	0.0005−0.0070i	0.0349−0.0104i	0.0192+0.0132i	−0.6525+0.1400i	−0.6622+0.0875i	−0.1371+1.4512i	−2.7918+1.7715i
79.5	0.0886+0.0043i	0.0008−0.0058i	0.0360−0.0119i	0.0190+0.0121i	−0.6002+0.2262i	−0.6713+0.0810i	−0.3736+1.3761i	−2.8399+1.8289i
79.6	0.0896+0.0025i	−0.0009−0.0060i	0.0380−0.0105i	0.0195+0.0091i	−0.6235+0.1870i	−0.6968+0.0802i	−0.5257+1.4268i	−2.8342+1.7724i
79.7	0.0874−0.0018i	−0.0014−0.0054i	0.0399−0.0111i	0.0218+0.0076i	−0.6154+0.2732i	−0.6691+0.0466i	−0.5879+1.4160i	−2.8166+1.7498i
79.8	0.0871−0.0046i	−0.0007−0.0062i	0.0427−0.0090i	0.0222+0.0080i	−0.6355+0.1590i	−0.6867+0.0385i	−0.7112+1.4549i	−2.8122+1.8653i
79.9	0.0848−0.0115i	−0.0005−0.0101i	0.0386−0.0109i	0.0213+0.0040i	−0.7231+0.0780i	−0.6775+0.0472i	−0.8444+1.3311i	−2.6357+1.8751i
80.0	0.0877−0.0132i	0.0023−0.0084i	0.0374−0.0144i	0.0209+0.0041i	−0.6609+0.0623i	−0.6551+0.0263i	−0.9561+1.2882i	−2.6942+1.8304i

1.1.31 Run 8 – VT315-200 – NF and AF gauges

Vertical shaking at 315° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.0509+0.0000i	0.1371+0.0000i	0.8483+0.0000i	1.0786+0.0000i	0.0291+0.0000i	-0.0311+0.0000i	0.0212+0.0000i	0.0476+0.0000i
0.1	-0.0020+0.0056i	0.4424+0.0087i	0.5424-0.0111i	0.1630-0.0282i	0.0070+0.0003i	-0.0164+0.0006i	0.0064+0.0001i	0.0088-0.0012i
0.2	-0.0094+0.0040i	0.4927-0.0020i	0.4943+0.0003i	0.0231-0.0040i	0.0038+0.0004i	-0.0145-0.0001i	0.0044+0.0003i	0.0036-0.0004i
0.3	-0.0064+0.0042i	0.4906-0.0041i	0.4949+0.0013i	0.0232-0.0013i	0.0034+0.0002i	-0.0142+0.0002i	0.0048-0.0000i	0.0038-0.0003i
0.4	-0.0075+0.0080i	0.4922-0.0059i	0.4947+0.0014i	0.0222-0.0002i	0.0034+0.0003i	-0.0141+0.0008i	0.0047+0.0004i	0.0047+0.0006i
0.5	-0.0032+0.0137i	0.4862-0.0119i	0.4941+0.0057i	0.0197-0.0057i	0.0040+0.0007i	-0.0134+0.0014i	0.0057+0.0016i	0.0043+0.0014i
0.6	0.0069+0.0087i	0.4751-0.0077i	0.5001+0.0076i	0.0129-0.0062i	0.0049+0.0004i	-0.0124+0.0010i	0.0072+0.0011i	0.0051+0.0015i
0.7	0.0121-0.0106i	0.4721+0.0133i	0.5096+0.0010i	0.0067+0.0017i	0.0053-0.0012i	-0.0122-0.0012i	0.0080-0.0021i	0.0053-0.0010i
0.8	-0.0046-0.0128i	0.4907+0.0127i	0.5066-0.0144i	0.0149+0.0135i	0.0035-0.0014i	-0.0142-0.0012i	0.0051-0.0022i	0.0031-0.0010i
0.9	-0.0020-0.0026i	0.4880+0.0018i	0.4953-0.0059i	0.0236+0.0038i	0.0037-0.0005i	-0.0138+0.0001i	0.0050-0.0007i	0.0043-0.0006i
1.0	0.0052-0.0230i	0.4810+0.0237i	0.5043+0.0007i	0.0157+0.0002i	0.0044-0.0026i	-0.0132-0.0022i	0.0059-0.0034i	0.0046-0.0031i
1.1	-0.0246-0.0347i	0.5128+0.0334i	0.5111-0.0032i	0.0091+0.0046i	0.0015-0.0034i	-0.0163-0.0031i	0.0021-0.0042i	0.0021-0.0036i
1.2	-0.0321-0.0147i	0.5173+0.0118i	0.5048-0.0055i	0.0143+0.0040i	0.0008-0.0015i	-0.0168-0.0011i	0.0013-0.0016i	0.0015-0.0012i
1.3	-0.0237-0.0045i	0.5080+0.0020i	0.5031-0.0004i	0.0160-0.0009i	0.0017-0.0007i	-0.0159-0.0001i	0.0026-0.0006i	0.0025-0.0003i
1.4	-0.0236-0.0031i	0.5083+0.0021i	0.5095-0.0002i	0.0112-0.0010i	0.0017-0.0006i	-0.0158+0.0003i	0.0026-0.0004i	0.0024-0.0002i
1.5	-0.0204-0.0023i	0.5070+0.0009i	0.5161+0.0005i	0.0035-0.0013i	0.0018-0.0005i	-0.0153+0.0007i	0.0028-0.0002i	0.0020-0.0001i
1.6	-0.0190-0.0035i	0.5063-0.0011i	0.5223-0.0026i	-0.0011+0.0010i	0.0020-0.0005i	-0.0153+0.0008i	0.0032-0.0003i	0.0023+0.0002i
1.7	-0.0180-0.0031i	0.5062+0.0006i	0.5284-0.0042i	-0.0050+0.0021i	0.0021-0.0006i	-0.0153+0.0005i	0.0033-0.0003i	0.0025-0.0003i
1.8	-0.0170-0.0019i	0.5048+0.0014i	0.5409-0.0028i	-0.0186+0.0008i	0.0021-0.0007i	-0.0153+0.0004i	0.0037-0.0005i	0.0020-0.0002i
1.9	-0.0166-0.0030i	0.5056+0.0019i	0.5731-0.0184i	-0.0456+0.0132i	0.0019-0.0003i	-0.0155+0.0005i	0.0036-0.0006i	0.0018-0.0001i
2.0	-0.0184-0.0051i	0.5083+0.0038i	0.5914-0.0811i	-0.0636+0.0703i	0.0018-0.0004i	-0.0158+0.0007i	0.0036-0.0007i	0.0021-0.0002i
2.1	-0.0241-0.0045i	0.5123+0.0028i	0.4975-0.1608i	0.0191+0.1415i	0.0015-0.0002i	-0.0154+0.0018i	0.0036-0.0002i	0.0026+0.0009i
2.2	-0.0257-0.0052i	0.5117-0.0001i	0.4097-0.0721i	0.0981+0.0652i	0.0018-0.0009i	-0.0146+0.0005i	0.0039-0.0022i	0.0031+0.0004i
2.3	-0.0277-0.0025i	0.5115-0.0015i	0.4497-0.0285i	0.0640+0.0255i	0.0018-0.0008i	-0.0146+0.0002i	0.0028-0.0017i	0.0036-0.0000i
2.4	-0.0274-0.0023i	0.5139+0.0006i	0.4674-0.0273i	0.0507+0.0236i	0.0012-0.0016i	-0.0152-0.0011i	0.0020-0.0029i	0.0023-0.0023i
2.5	-0.0301-0.0026i	0.5197-0.0003i	0.4811-0.0300i	0.0396+0.0252i	-0.0002-0.0012i	-0.0170-0.0006i	-0.0004-0.0022i	-0.0004-0.0009i
2.6	-0.0295-0.0004i	0.5180-0.0041i	0.4723-0.0428i	0.0477+0.0355i	0.0001-0.0005i	-0.0167+0.0006i	0.0000-0.0008i	0.0002+0.0003i
2.7	-0.0294+0.0015i	0.5170-0.0046i	0.4605-0.0341i	0.0582+0.0300i	0.0002-0.0003i	-0.0165+0.0007i	0.0001-0.0005i	0.0009+0.0005i
2.8	-0.0287+0.0027i	0.5174-0.0042i	0.4633-0.0247i	0.0557+0.0212i	0.0004-0.0002i	-0.0164+0.0009i	0.0006-0.0004i	0.0013+0.0002i
2.9	-0.0293+0.0027i	0.5177-0.0046i	0.4688-0.0193i	0.0517+0.0167i	0.0003-0.0005i	-0.0163+0.0009i	0.0008-0.0004i	0.0009+0.0005i
3.0	-0.0281+0.0029i	0.5180-0.0049i	0.4709-0.0172i	0.0498+0.0147i	0.0003-0.0002i	-0.0163+0.0008i	0.0007-0.0004i	0.0009+0.0008i
3.1	-0.0283+0.0040i	0.5192-0.0044i	0.4714-0.0159i	0.0472+0.0126i	0.0001-0.0002i	-0.0163+0.0008i	0.0007-0.0002i	0.0014+0.0007i
3.2	-0.0301+0.0047i	0.5203-0.0048i	0.4724-0.0149i	0.0464+0.0107i	0.0001-0.0003i	-0.0164+0.0010i	0.0007+0.0001i	0.0006+0.0008i
3.3	-0.0323+0.0049i	0.5198-0.0050i	0.4730-0.0125i	0.0498+0.0088i	0.0002-0.0001i	-0.0165+0.0011i	0.0006+0.0002i	0.0008+0.0004i
3.4	-0.0302+0.0065i	0.5203-0.0050i	0.4699-0.0122i	0.0502+0.0099i	0.0002-0.0001i	-0.0164+0.0010i	0.0007-0.0004i	0.0016-0.0004i
3.5	-0.0312+0.0070i	0.5231-0.0022i	0.4535-0.0085i	0.0613+0.0099i	0.0001-0.0003i	-0.0158+0.0003i	0.0005-0.0016i	0.0006-0.0007i
3.6	-0.0416+0.0062i	0.5350-0.0035i	0.4361+0.0284i	0.0764-0.0188i	-0.0005-0.0001i	-0.0168-0.0003i	-0.0004-0.0022i	-0.0003-0.0009i
3.7	-0.0263+0.0003i	0.5302+0.0036i	0.5495+0.0424i	-0.0072-0.0334i	-0.0009-0.0011i	-0.0178-0.0005i	-0.0008-0.0013i	-0.0011-0.0023i
3.8	-0.0314-0.0023i	0.5359+0.0017i	0.5422+0.0080i	0.0021-0.0089i	-0.0012-0.0006i	-0.0184+0.0002i	-0.0013-0.0006i	-0.0012-0.0007i
3.9	-0.0348+0.0003i	0.5389+0.0002i	0.5342+0.0037i	0.0079-0.0050i	-0.0013-0.0005i	-0.0185+0.0003i	-0.0015-0.0006i	-0.0011-0.0000i
4.0	-0.0374+0.0011i	0.5411-0.0003i	0.5320+0.0002i	0.0098-0.0018i	-0.0015-0.0003i	-0.0185+0.0005i	-0.0017-0.0004i	-0.0016+0.0002i
4.1	-0.0385+0.0013i	0.5433-0.0016i	0.5313-0.0024i	0.0113+0.0002i	-0.0016-0.0002i	-0.0186+0.0007i	-0.0019-0.0002i	-0.0016+0.0002i
4.2	-0.0394+0.0017i	0.5451-0.0029i	0.5297-0.0043i	0.0132+0.0016i	-0.0017-0.0002i	-0.0188+0.0008i	-0.0022+0.0000i	-0.0017+0.0000i
4.3	-0.0413+0.0024i	0.5475-0.0039i	0.5289-0.0055i	0.0143+0.0036i	-0.0018-0.0001i	-0.0189+0.0008i	-0.0021+0.0002i	-0.0019+0.0007i
4.4	-0.0413+0.0025i	0.5484-0.0039i	0.5284-0.0059i	0.0163+0.0043i	-0.0019-0.0000i	-0.0190+0.0011i	-0.0020+0.0003i	-0.0021+0.0007i
4.5	-0.0415+0.0039i	0.5512-0.0044i	0.5265-0.0071i	0.0207+0.0040i	-0.0020+0.0001i	-0.0189+0.0012i	-0.0021+0.0006i	-0.0015+0.0007i
4.6	-0.0415+0.0074i	0.5540-0.0031i	0.5230-0.0065i	0.0207+0.0042i	-0.0020+0.0002i	-0.0191+0.0014i	-0.0021+0.0009i	-0.0015+0.0010i
4.7	-0.0440+0.0044i	0.5544-0.0021i	0.5222-0.0030i	0.0252+0.0008i	-0.0019-0.0003i	-0.0191+0.0008i	-0.0023-0.0001i	-0.0018-0.0008i
4.8	-0.0476+0.0053i	0.5587-0.0021i	0.5183+0.0049i	0.0286-0.0069i	-0.0033-0.0005i	-0.0204+0.0003i	-0.0036-0.0008i	-0.0044-0.0011i
4.9	-0.0449+0.0074i	0.5598-0.0034i	0.5253+0.0175i	0.0245-0.0184i	-0.0033+0.0004i	-0.0205+0.0006i	-0.0037+0.0000i	-0.0039-0.0001i
5.0	-0.0433+0.0007i	0.5691+0.0026i	0.5619+0.0182i	0.0022-0.0164i	-0.0031-0.0006i	-0.0203-0.0001i	-0.0038-0.0009i	-0.0039-0.0004i
5.1	-0.0470+0.0017i	0.5736+0.0035i	0.5636+0.0118i	0.0037-0.0071i	-0.0040-0.0008i	-0.0214+0.0001i	-0.0050-0.0008i	-0.0047-0.0003i
5.2	-0.0475+0.0060i	0.5771-0.0018i	0.5597+0.0084i	0.0093-0.0043i	-0.0047+0.0004i	-0.0218+0.0014i	-0.0059+0.0010i	-0.0057+0.0014i
5.3	-0.0393+0.0111i	0.5714-0.0113i	0.5510+0.0106i	0.0175-0.0110i	-0.0035+0.0024i	-0.0202+0.0033i	-0.0038+0.0039i	-0.0043+0.0038i
5.4	-0.0320+0.0081i	0.5677-0.0026i	0.5610+0.0399i	0.0115-0.0325i	-0.0008+0.0016i	-0.0170+0.0018i	0.0010+0.0021i	-0.0001+0.0042i
5.5	-0.0335+0.0006i	0.5769+0.0097i	0.6035+0.0429i	-0.0161-0.0380i	-0.0009-0.0011i	-0.0181-0.0009i	0.0002-0.0020i	0.0002-0.0007i
5.6	-0.0350-0.0059i	0.5880+0.0088i	0.6276+0.0175i	-0.0291-0.0185i	-0.0016-0.0025i	-0.0197-0.0017i	-0.0021-0.0035i	-0.0001-0.0040i

5.7	-0.0382-0.0073i	0.5960+0.0050i	0.6290+0.0003i	-0.0243-0.0046i	-0.0026-0.0021i	-0.0207-0.0012i	-0.0034-0.0029i	-0.0017-0.0034i
5.8	-0.0380-0.0096i	0.5982+0.0044i	0.6219-0.0051i	-0.0139-0.0026i	-0.0026-0.0024i	-0.0206-0.0014i	-0.0031-0.0032i	-0.0022-0.0034i
5.9	-0.0378-0.0110i	0.6021+0.0045i	0.6219-0.0026i	-0.0090-0.0056i	-0.0030-0.0028i	-0.0209-0.0018i	-0.0034-0.0037i	-0.0031-0.0038i
6.0	-0.0343-0.0102i	0.6063+0.0039i	0.6290-0.0010i	-0.0076-0.0075i	-0.0029-0.0025i	-0.0209-0.0014i	-0.0033-0.0033i	-0.0031-0.0031i
6.1	-0.0280-0.0139i	0.6097+0.0046i	0.6394-0.0017i	-0.0076-0.0082i	-0.0024-0.0030i	-0.0204-0.0019i	-0.0025-0.0040i	-0.0018-0.0040i
6.2	-0.0233-0.0181i	0.6142+0.0060i	0.6480-0.0039i	-0.0061-0.0090i	-0.0021-0.0038i	-0.0203-0.0026i	-0.0024-0.0050i	-0.0015-0.0052i
6.3	-0.0169-0.0225i	0.6193+0.0061i	0.6583-0.0086i	-0.0034-0.0095i	-0.0020-0.0045i	-0.0203-0.0032i	-0.0023-0.0058i	-0.0013-0.0062i
6.4	-0.0099-0.0287i	0.6232+0.0072i	0.6682-0.0124i	0.0000-0.0113i	-0.0018-0.0053i	-0.0201-0.0039i	-0.0020-0.0069i	-0.0009-0.0073i
6.5	0.0009-0.0382i	0.6286+0.0080i	0.6821-0.0182i	0.0054-0.0159i	-0.0016-0.0063i	-0.0200-0.0047i	-0.0018-0.0081i	-0.0005-0.0087i
6.6	0.0200-0.0469i	0.6302+0.0100i	0.6984-0.0229i	0.0124-0.0186i	0.0003-0.0073i	-0.0185-0.0055i	0.0005-0.0094i	0.0020-0.0101i
6.7	0.0430-0.0663i	0.6321+0.0138i	0.7167-0.0339i	0.0224-0.0242i	0.0020-0.0097i	-0.0169-0.0076i	0.0028-0.0124i	0.0043-0.0136i
6.8	0.0888-0.0945i	0.6309+0.0204i	0.7463-0.0459i	0.0442-0.0344i	0.0060-0.0131i	-0.0133-0.0107i	0.0080-0.0168i	0.0099-0.0187i
6.9	0.1408-0.1568i	0.6291+0.0363i	0.7793-0.0734i	0.0683-0.0594i	0.0103-0.0204i	-0.0093-0.0173i	0.0134-0.0263i	0.0158-0.0291i
7.0	0.1815-0.3191i	0.6329+0.0729i	0.8111-0.1458i	0.0903-0.1278i	0.0121-0.0383i	-0.0077-0.0336i	0.0153-0.0496i	0.0178-0.0542i
7.1	0.1291-0.5697i	0.6660+0.1243i	0.8067-0.2620i	0.0753-0.2354i	0.0018-0.0639i	-0.0172-0.0571i	0.0010-0.0824i	0.0026-0.0897i
7.2	-0.1997-0.7358i	0.7523+0.1427i	0.6704-0.3540i	-0.0610-0.3139i	-0.0354-0.0753i	-0.0513-0.0677i	-0.0474-0.0960i	-0.0496-0.1045i
7.3	-0.4966-0.6151i	0.8178+0.1117i	0.5327-0.2984i	-0.1847-0.2699i	-0.0642-0.0591i	-0.0778-0.0533i	-0.0839-0.0750i	-0.0897-0.0818i
7.4	-0.6748-0.3865i	0.8694+0.0563i	0.4694-0.1877i	-0.2631-0.1850i	-0.0820-0.0335i	-0.0948-0.0299i	-0.1068-0.0418i	-0.1143-0.0457i
7.5	-0.6491-0.1785i	0.8676+0.0012i	0.4949-0.1016i	-0.2603-0.1002i	-0.0773-0.0105i	-0.0909-0.0083i	-0.1005-0.0116i	-0.1073-0.0130i
7.6	-0.5656-0.0780i	0.8519-0.0241i	0.5426-0.0651i	-0.2299-0.0549i	-0.0669-0.0003i	-0.0815+0.0012i	-0.0867+0.0017i	-0.0927+0.0013i
7.7	-0.5152-0.0514i	0.8502-0.0302i	0.5760-0.0556i	-0.2088-0.0424i	-0.0616+0.0020i	-0.0768+0.0033i	-0.0797+0.0046i	-0.0849+0.0044i
7.8	-0.4950-0.0380i	0.8606-0.0328i	0.6000-0.0473i	-0.1990-0.0361i	-0.0605+0.0036i	-0.0759+0.0048i	-0.0782+0.0067i	-0.0833+0.0066i
7.9	-0.4996-0.0296i	0.8816-0.0384i	0.6169-0.0460i	-0.1975-0.0337i	-0.0619+0.0050i	-0.0775+0.0064i	-0.0800+0.0088i	-0.0849+0.0086i
8.0	-0.5052+0.0006i	0.8996-0.0565i	0.6312-0.0412i	-0.1972-0.0256i	-0.0625+0.0090i	-0.0782+0.0105i	-0.0806+0.0147i	-0.0854+0.0147i
8.1	-0.5031+0.0220i	0.9132-0.0718i	0.6493-0.0384i	-0.1944-0.0235i	-0.0624+0.0123i	-0.0783+0.0136i	-0.0803+0.0192i	-0.0851+0.0195i
8.2	-0.5111+0.0411i	0.9332-0.0863i	0.6648-0.0373i	-0.1956-0.0224i	-0.0637+0.0153i	-0.0798+0.0167i	-0.0820+0.0233i	-0.0869+0.0240i
8.3	-0.5164+0.0594i	0.9512-0.1025i	0.6801-0.0360i	-0.1963-0.0193i	-0.0645+0.0183i	-0.0807+0.0195i	-0.0827+0.0270i	-0.0882+0.0279i
8.4	-0.5215+0.0782i	0.9701-0.1207i	0.6961-0.0369i	-0.1973-0.0174i	-0.0652+0.0210i	-0.0817+0.0223i	-0.0834+0.0307i	-0.0890+0.0320i
8.5	-0.5371+0.0982i	0.9980-0.1401i	0.7140-0.0393i	-0.1967-0.0161i	-0.0674+0.0240i	-0.0840+0.0253i	-0.0863+0.0346i	-0.0916+0.0364i
8.6	-0.5537+0.1196i	1.0319-0.1621i	0.7340-0.0415i	-0.1973-0.0170i	-0.0707+0.0268i	-0.0874+0.0283i	-0.0903+0.0387i	-0.0963+0.0405i
8.7	-0.5817+0.1442i	1.0787-0.1928i	0.7527-0.0461i	-0.1949-0.0201i	-0.0757+0.0311i	-0.0924+0.0325i	-0.0965+0.0445i	-0.1034+0.0470i
8.8	-0.6099+0.1897i	1.1228-0.2505i	0.7728-0.0567i	-0.1945-0.0261i	-0.0804+0.0390i	-0.0970+0.0409i	-0.1026+0.0549i	-0.1094+0.0585i
8.9	-0.6344+0.2502i	1.1632-0.3311i	0.7945-0.0721i	-0.1953-0.0346i	-0.0850+0.0496i	-0.1016+0.0516i	-0.1084+0.0691i	-0.1156+0.0741i
9.0	-0.6356+0.3297i	1.1736-0.4369i	0.8086-0.0912i	-0.1994-0.0493i	-0.0852+0.0642i	-0.1016+0.0659i	-0.1081+0.0884i	-0.1154+0.0950i
9.1	-0.6312+0.3801i	1.1799-0.5079i	0.8244-0.1054i	-0.2021-0.0624i	-0.0847+0.0738i	-0.1013+0.0756i	-0.1074+0.1009i	-0.1143+0.1084i
9.2	-0.6737+0.5255i	1.2401-0.7109i	0.8471-0.1448i	-0.1990-0.0993i	-0.0919+0.1020i	-0.1084+0.1041i	-0.1171+0.1389i	-0.1240+0.1494i
9.3	-0.5503+0.7470i	1.0719-1.0202i	0.8283-0.2050i	-0.2355-0.1501i	-0.0667+0.1442i	-0.0828+0.1462i	-0.0830+0.1953i	-0.0859+0.2097i
9.4	-0.2071+0.8050i	0.6033-1.1040i	0.7561-0.2169i	-0.3265-0.1714i	-0.0002+0.1539i	-0.0161+0.1552i	0.0068+0.2080i	0.0111+0.2217i
9.5	0.0017+0.6550i	0.3162-0.8995i	0.7152-0.1788i	-0.3890-0.1423i	0.0394+0.1242i	0.0233+0.1248i	0.0600+0.1681i	0.0682+0.1769i
9.6	0.0789+0.4550i	0.2068-0.6271i	0.7135-0.1289i	-0.4287-0.0998i	0.0540+0.0853i	0.0375+0.0858i	0.0796+0.1161i	0.0878+0.1198i
9.7	0.0394+0.3014i	0.2583-0.4190i	0.7425-0.0933i	-0.4434-0.0614i	0.0468+0.0561i	0.0295+0.0566i	0.0700+0.0770i	0.0759+0.0780i
9.8	-0.0109+0.2278i	0.3256-0.3163i	0.7704-0.0775i	-0.4493-0.0405i	0.0373+0.0421i	0.0199+0.0426i	0.0578+0.0580i	0.0622+0.0579i
9.9	-0.0659+0.1698i	0.3999-0.2345i	0.8043-0.0692i	-0.4578-0.0195i	0.0274+0.0307i	0.0097+0.0315i	0.0451+0.0427i	0.0473+0.0417i
10.0	-0.1162+0.1391i	0.4640-0.1923i	0.8342-0.0675i	-0.4668-0.0065i	0.0187+0.0249i	0.0012+0.0260i	0.0339+0.0346i	0.0348+0.0335i
10.1	-0.1577+0.1159i	0.5178-0.1644i	0.8607-0.0677i	-0.4736+0.0031i	0.0117+0.0209i	-0.0061+0.0222i	0.0246+0.0290i	0.0248+0.0278i
10.2	-0.1971+0.1014i	0.5715-0.1484i	0.8873-0.0727i	-0.4832+0.0087i	0.0049+0.0183i	-0.0130+0.0195i	0.0156+0.0254i	0.0147+0.0244i
10.3	-0.2321+0.0993i	0.6125-0.1485i	0.9106-0.0807i	-0.4970+0.0129i	-0.0006+0.0179i	-0.0183+0.0193i	0.0087+0.0248i	0.0069+0.0242i
10.4	-0.2588+0.0932i	0.6383-0.1456i	0.9283-0.0859i	-0.5160+0.0153i	-0.0040+0.0173i	-0.0217+0.0189i	0.0048+0.0241i	0.0029+0.0235i
10.5	-0.2832+0.0864i	0.6607-0.1349i	0.9508-0.0822i	-0.5410+0.0166i	-0.0066+0.0160i	-0.0247+0.0176i	0.0014+0.0220i	-0.0011+0.0217i
10.6	-0.3059+0.0786i	0.6797-0.1211i	0.9760-0.0783i	-0.5639+0.0195i	-0.0091+0.0142i	-0.0273+0.0157i	-0.0017+0.0196i	-0.0051+0.0193i
10.7	-0.3360+0.0726i	0.7123-0.1052i	1.0096-0.0812i	-0.5918+0.0323i	-0.0131+0.0121i	-0.0314+0.0139i	-0.0064+0.0167i	-0.0104+0.0170i
10.8	-0.3657+0.0658i	0.7489-0.0891i	1.0415-0.0826i	-0.6166+0.0421i	-0.0173+0.0104i	-0.0354+0.0122i	-0.0114+0.0140i	-0.0162+0.0148i
10.9	-0.3955+0.0675i	0.7848-0.0864i	1.0726-0.0882i	-0.6375+0.0510i	-0.0215+0.0101i	-0.0397+0.0119i	-0.0167+0.0134i	-0.0219+0.0146i
11.0	-0.4282+0.0671i	0.8251-0.0846i	1.1117-0.0899i	-0.6656+0.0559i	-0.0258+0.0100i	-0.0446+0.0120i	-0.0221+0.0130i	-0.0280+0.0145i
11.1	-0.4576+0.0657i	0.8583-0.0812i	1.1471-0.0925i	-0.6945+0.0596i	-0.0298+0.0098i	-0.0484+0.0118i	-0.0266+0.0123i	-0.0328+0.0141i
11.2	-0.4894+0.0668i	0.8946-0.0805i	1.1919-0.0990i	-0.7327+0.0660i	-0.0339+0.0097i	-0.0528+0.0117i	-0.0317+0.0118i	-0.0381+0.0145i
11.3	-0.5231+0.0694i	0.9315-0.0820i	1.2420-0.1035i	-0.7757+0.0714i	-0.0380+0.0097i	-0.0571+0.0119i	-0.0369+0.0115i	-0.0439+0.0147i
11.4	-0.5574+0.0747i	0.9689-0.0856i	1.2908-0.1138i	-0.8172+0.0824i	-0.0422+0.0100i	-0.0615+0.0123i	-0.0419+0.0118i	-0.0495+0.0156i
11.5	-0.5933+0.0777i	1.0090-0.0885i	1.3460-0.1249i	-0.8648+0.0937i	-0.0465+0.0104i	-0.0661+0.0126i	-0.0471+0.0117i	-0.0552+0.0164i
11.6	-0.6304+0.0799i	1.0507-0.0906i	1.4006-0.1296i	-0.9127+0.0991i	-0.0510+0.0105i	-0.0708+0.0128i	-0.0525+0.0116i	-0.0613+0.0172i
11.7	-0.6728+0.0934i	1.0980-0.1037i	1.4670-0.1575i	-0.9717+0.1239i	-0.0563+0.0121i	-0.0763+0.0146i	-0.0589+0.0129i	-0.0689+0.0198i
11.8	-0.7188+0.0976i	1.1475-0.1060i	1.5447-0.1684i	-1.0419+0.1335i	-0.0617+0.0126i	-0.0818+0.0154i	-0.0650+0.0128i	-0.0764+0.0210i
11.9	-0.7627+0.1015i	1.1951-0.1115i	1.6304-0.1845i	-1.1169+0.1484i	-0.0671+0.0132i	-0.0874+0.0162i	-0.0713+0.0132i	-0.0839+0.0228i

12.0	-0.8188+0.1098i	1.2529-0.1215i	1.7241-0.2078i	-1.2038+0.1678i	-0.0734+0.0143i	-0.0941+0.0177i	-0.0784+0.0140i	-0.0924+0.0257i
12.1	-0.8859+0.1253i	1.3225-0.1360i	1.8539-0.2479i	-1.3238+0.2027i	-0.0811+0.0161i	-0.1022+0.0198i	-0.0871+0.0145i	-0.1021+0.0297i
12.2	-0.9292+0.1431i	1.3685-0.1549i	1.9481-0.3044i	-1.4116+0.2526i	-0.0861+0.0186i	-0.1075+0.0224i	-0.0932+0.0158i	-0.1090+0.0343i
12.3	-0.9845+0.1551i	1.4250-0.1692i	2.0719-0.3732i	-1.5286+0.3149i	-0.0920+0.0206i	-0.1139+0.0248i	-0.1005+0.0161i	-0.1163+0.0398i
12.4	-1.0594+0.1872i	1.5004-0.2018i	2.2226-0.4842i	-1.6728+0.4192i	-0.0997+0.0246i	-0.1222+0.0297i	-0.1116+0.0184i	-0.1243+0.0489i
12.5	-1.1261+0.2134i	1.5643-0.2267i	2.3622-0.6027i	-1.8074+0.5285i	-0.1065+0.0278i	-0.1290+0.0334i	-0.1214+0.0198i	-0.1308+0.0561i
12.6	-1.1885+0.2279i	1.6272-0.2393i	2.4837-0.7112i	-1.9264+0.6303i	-0.1131+0.0298i	-0.1357+0.0358i	-0.1316+0.0197i	-0.1354+0.0613i
12.7	-1.3022+0.2616i	1.7412-0.2701i	2.6654-0.8813i	-2.1023+0.7917i	-0.1247+0.0335i	-0.1475+0.0403i	-0.1507+0.0229i	-0.1438+0.0679i
12.8	-1.3941+0.3018i	1.8340-0.3076i	2.7924-1.0543i	-2.2239+0.9560i	-0.1340+0.0374i	-0.1568+0.0450i	-0.1664+0.0289i	-0.1502+0.0727i
12.9	-1.4939+0.3106i	1.9324-0.3123i	2.9941-1.2180i	-2.4171+1.1151i	-0.1443+0.0380i	-0.1675+0.0463i	-0.1828+0.0311i	-0.1591+0.0720i
13.0	-1.6266+0.3600i	2.0672-0.3580i	3.3245-1.4926i	-2.7331+1.3829i	-0.1586+0.0431i	-0.1826+0.0523i	-0.2040+0.0401i	-0.1731+0.0752i
13.1	-1.7675+0.4348i	2.2128-0.4264i	3.6799-1.8866i	-3.0734+1.7625i	-0.1736+0.0509i	-0.1982+0.0612i	-0.2253+0.0522i	-0.1880+0.0821i
13.2	-1.9340+0.4492i	2.3842-0.4303i	4.2322-2.4399i	-3.5999+2.2921i	-0.1916+0.0523i	-0.2168+0.0644i	-0.2508+0.0565i	-0.2053+0.0820i
13.3	-2.0977+0.4903i	2.5539-0.4660i	4.4965-3.4241i	-3.8487+3.2323i	-0.2089+0.0566i	-0.2341+0.0713i	-0.2743+0.0664i	-0.2239+0.0842i
13.4	-2.4146+0.4514i	2.8907-0.4156i	4.6352-5.6089i	-3.9767+5.3283i	-0.2432+0.0510i	-0.2671+0.0708i	-0.3223+0.0693i	-0.2605+0.0705i
13.5	-2.7820+0.6052i	3.2844-0.5717i	3.2456-7.1160i	-2.6404+6.7752i	-0.2840+0.0676i	-0.3039+0.0897i	-0.3700+0.0996i	-0.3114+0.0810i
13.6	-3.5176+0.8833i	4.0502-0.8717i	0.3265-8.2451i	0.1687+7.8546i	-0.3648+0.0985i	-0.3785+0.1212i	-0.4601+0.1528i	-0.4179+0.1062i
13.7	-4.2574+1.3749i	4.7976-1.3929i	-1.9764-7.4218i	2.3837+7.0572i	-0.4453+0.1536i	-0.4561+0.1731i	-0.5437+0.2266i	-0.5275+0.1699i
13.8	-5.1193+2.6518i	5.6421-2.6982i	-3.1410-5.1028i	3.5068+4.8145i	-0.5369+0.2943i	-0.5488+0.3104i	-0.6356+0.3934i	-0.6538+0.3513i
13.9	-5.4744+4.1134i	5.9810-4.1693i	-2.9020-3.8260i	3.2782+3.5678i	-0.5723+0.4533i	-0.5867+0.4700i	-0.6687+0.5782i	-0.7030+0.5566i
14.0	-5.4426+6.3789i	5.9292-6.4394i	-2.4857-3.2143i	2.8576+2.9563i	-0.5647+0.6983i	-0.5793+0.7187i	-0.6514+0.8646i	-0.6914+0.8690i
14.1	-3.7487+8.8686i	4.2182-8.9174i	-2.3156-3.0233i	2.6575+2.7620i	-0.3772+0.9635i	-0.3876+0.9887i	-0.4214+1.1719i	-0.4509+1.2032i
14.2	-0.2471+10.3277i	0.7171-10.3519i	-2.5113-2.8245i	2.8098+2.5928i	0.0024+1.1145i	0.0007+1.1407i	0.0336+1.3400i	0.0298+1.3896i
14.3	3.5373+9.3214i	-3.0511-9.3390i	-2.7639-2.3113i	3.0435+2.1347i	0.4076+1.0003i	0.4137+1.0213i	0.5128+1.1932i	0.5378+1.2400i
14.4	5.3869+6.7421i	-4.8814-6.7701i	-2.7490-1.7792i	3.0407+1.6435i	0.6020+0.7204i	0.6105+0.7337i	0.7370+0.8551i	0.7780+0.8849i
14.5	5.5615+4.7893i	-5.0505-4.8286i	-2.5606-1.4028i	2.8704+1.2891i	0.6179+0.5107i	0.6249+0.5188i	0.7506+0.6050i	0.7944+0.6209i
14.6	5.1123+3.2881i	-4.6059-3.3388i	-2.3090-1.1227i	2.6397+1.0233i	0.5681+0.3504i	0.5722+0.3545i	0.6871+0.4153i	0.7293+0.4196i
14.7	4.6607+2.3216i	-4.1529-2.3805i	-2.0905-0.9566i	2.4390+0.8616i	0.5180+0.2468i	0.5198+0.2491i	0.6247+0.2934i	0.6646+0.2899i
14.8	4.2681+1.9260i	-3.7639-1.9930i	-1.9659-0.9246i	2.3210+0.8223i	0.4751+0.2057i	0.4754+0.2075i	0.5723+0.2464i	0.6097+0.2385i
14.9	3.7696+1.3502i	-3.2873-1.4332i	-1.8803-0.8344i	2.2237+0.7186i	0.4224+0.1464i	0.4211+0.1471i	0.5091+0.1806i	0.5421+0.1626i
15.0	3.3641+1.0704i	-2.9000-1.1488i	-1.8066-0.7102i	2.1375+0.6086i	0.3806+0.1166i	0.3783+0.1168i	0.4643+0.1457i	0.4839+0.1261i
15.1	3.1010+0.8930i	-2.6477-0.9586i	-1.7375-0.5915i	2.0633+0.5099i	0.3537+0.0973i	0.3503+0.0967i	0.4337+0.1205i	0.4487+0.1045i
15.2	2.8693+0.7375i	-2.4198-0.7916i	-1.6413-0.4705i	1.9702+0.4070i	0.3295+0.0795i	0.3249+0.0784i	0.4051+0.0987i	0.4182+0.0830i
15.3	2.6752+0.6140i	-2.2236-0.6592i	-1.5260-0.3729i	1.8664+0.3261i	0.3086+0.0648i	0.3032+0.0636i	0.3807+0.0801i	0.3910+0.0661i
15.4	2.5100+0.5359i	-2.0549-0.5753i	-1.4194-0.3160i	1.7729+0.2790i	0.2905+0.0556i	0.2846+0.0543i	0.3589+0.0683i	0.3682+0.0562i
15.5	2.3480+0.4604i	-1.8881-0.4950i	-1.3068-0.2721i	1.6723+0.2415i	0.2727+0.0466i	0.2659+0.0453i	0.3369+0.0569i	0.3460+0.0457i
15.6	2.2331+0.4079i	-1.7717-0.4402i	-1.2345-0.2402i	1.6057+0.2139i	0.2598+0.0406i	0.2524+0.0392i	0.3217+0.0493i	0.3287+0.0386i
15.7	2.1059+0.3523i	-1.6403-0.3827i	-1.1479-0.2159i	1.5293+0.1966i	0.2456+0.0345i	0.2378+0.0332i	0.3046+0.0410i	0.3113+0.0324i
15.8	2.0012+0.2952i	-1.5321-0.3232i	-1.0688-0.1936i	1.4599+0.1775i	0.2340+0.0283i	0.2258+0.0272i	0.2907+0.0333i	0.2966+0.0262i
15.9	1.9063+0.2639i	-1.4350-0.2907i	-1.0062-0.1849i	1.4034+0.1685i	0.2236+0.0247i	0.2151+0.0235i	0.2780+0.0284i	0.2839+0.0225i
16.0	1.8345+0.2330i	-1.3593-0.2582i	-0.9632-0.1724i	1.3656+0.1587i	0.2159+0.0208i	0.2072+0.0192i	0.2682+0.0232i	0.2747+0.0181i
16.1	1.7611+0.2041i	-1.2841-0.2294i	-0.9132-0.1598i	1.3257+0.1500i	0.2079+0.0172i	0.1988+0.0159i	0.2583+0.0186i	0.2655+0.0139i
16.2	1.6875+0.1962i	-1.2049-0.2222i	-0.8616-0.1682i	1.2838+0.1537i	0.1992+0.0163i	0.1898+0.0150i	0.2469+0.0171i	0.2550+0.0133i
16.3	1.6391+0.1709i	-1.1547-0.1990i	-0.8302-0.1545i	1.2565+0.1395i	0.1933+0.0133i	0.1837+0.0119i	0.2396+0.0135i	0.2474+0.0092i
16.4	1.5790+0.1595i	-1.0937-0.1869i	-0.7910-0.1523i	1.2205+0.1371i	0.1864+0.0118i	0.1766+0.0106i	0.2305+0.0119i	0.2397+0.0070i
16.5	1.5336+0.1462i	-1.0460-0.1716i	-0.7607-0.1507i	1.1938+0.1354i	0.1813+0.0107i	0.1715+0.0092i	0.2241+0.0109i	0.2336+0.0049i
16.6	1.4879+0.1304i	-0.9939-0.1566i	-0.7289-0.1498i	1.1704+0.1371i	0.1762+0.0090i	0.1658+0.0074i	0.2180+0.0092i	0.2264+0.0027i
16.7	1.4475+0.1190i	-0.9491-0.1503i	-0.7036-0.1495i	1.1544+0.1341i	0.1713+0.0081i	0.1605+0.0067i	0.2121+0.0077i	0.2199+0.0019i
16.8	1.4138+0.0998i	-0.9144-0.1371i	-0.6938-0.1438i	1.1471+0.1217i	0.1674+0.0066i	0.1566+0.0052i	0.2075+0.0056i	0.2147+0.0009i
16.9	1.3708+0.0806i	-0.8743-0.1166i	-0.6752-0.1241i	1.1256+0.0979i	0.1632+0.0045i	0.1525+0.0029i	0.2023+0.0030i	0.2103-0.0012i
17.0	1.3329+0.0797i	-0.8341-0.1131i	-0.6458-0.1261i	1.0987+0.1018i	0.1589+0.0035i	0.1484+0.0020i	0.1974+0.0019i	0.2056-0.0027i
17.1	1.2957+0.0754i	-0.7930-0.1080i	-0.6229-0.1211i	1.0822+0.0977i	0.1543+0.0025i	0.1435+0.0011i	0.1912+0.0005i	0.1996-0.0044i
17.2	1.2700+0.0617i	-0.7643-0.1009i	-0.6027-0.1039i	1.0668+0.0764i	0.1506+0.0018i	0.1396+0.0002i	0.1859+0.0001i	0.1951-0.0052i
17.3	1.2384+0.0515i	-0.7357-0.0947i	-0.5751-0.1015i	1.0363+0.0708i	0.1476+0.0013i	0.1364-0.0005i	0.1825-0.0004i	0.1917-0.0061i
17.4	1.2121+0.0476i	-0.7110-0.0888i	-0.5563-0.1046i	1.0169+0.0754i	0.1450-0.0000i	0.1336-0.0014i	0.1795-0.0018i	0.1883-0.0072i
17.5	1.1842+0.0473i	-0.6809-0.0842i	-0.5404-0.1051i	1.0073+0.0813i	0.1411-0.0010i	0.1294-0.0022i	0.1747-0.0032i	0.1835-0.0087i
17.6	1.1678+0.0433i	-0.6594-0.0802i	-0.5254-0.1032i	0.9941+0.0796i	0.1383-0.0010i	0.1265-0.0026i	0.1711-0.0032i	0.1797-0.0091i
17.7	1.1502+0.0440i	-0.6380-0.0829i	-0.5077-0.1089i	0.9818+0.0835i	0.1351-0.0005i	0.1238-0.0022i	0.1676-0.0026i	0.1753-0.0081i
17.8	1.1277+0.0378i	-0.6129-0.0792i	-0.4950-0.1166i	0.9754+0.0873i	0.1320-0.0006i	0.1204-0.0022i	0.1633-0.0023i	0.1703-0.0081i
17.9	1.1064+0.0250i	-0.5879-0.0710i	-0.4859-0.1125i	0.9725+0.0804i	0.1293-0.0004i	0.1174-0.0023i	0.1600-0.0023i	0.1673-0.0079i
18.0	1.0912+0.0204i	-0.5718-0.0680i	-0.4866-0.1086i	0.9746+0.0715i	0.1278+0.0002i	0.1157-0.0019i	0.1583-0.0014i	0.1659-0.0071i
18.1	1.0679+0.0172i	-0.5527-0.0684i	-0.4795-0.1023i	0.9657+0.0628i	0.1263+0.0008i	0.1136-0.0015i	0.1562-0.0007i	0.1641-0.0057i
18.2	1.0501+0.0112i	-0.5353-0.0625i	-0.4688-0.0943i	0.9542+0.0550i	0.1249+0.0001i	0.1122-0.0019i	0.1549-0.0013i	0.1626-0.0067i

18.3	1.0316+0.0094i	-0.5146-0.0561i	-0.4610-0.0808i	0.9471+0.0467i	0.1234-0.0005i	0.1107-0.0025i	0.1532-0.0020i	0.1604-0.0078i
18.4	1.0162+0.0106i	-0.4943-0.0529i	-0.4454-0.0694i	0.9363+0.0433i	0.1217-0.0011i	0.1087-0.0026i	0.1512-0.0029i	0.1585-0.0074i
18.5	1.0115+0.0149i	-0.4725-0.0529i	-0.4223-0.0640i	0.9319+0.0441i	0.1197-0.0011i	0.1069-0.0024i	0.1484-0.0033i	0.1559-0.0071i
18.6	1.0111+0.0055i	-0.4565-0.0612i	-0.3994-0.0747i	0.9325+0.0353i	0.1177-0.0006i	0.1050-0.0019i	0.1454-0.0021i	0.1532-0.0057i
18.7	0.9953-0.0117i	-0.4485-0.0714i	-0.3980-0.0965i	0.9251+0.0204i	0.1166+0.0007i	0.1038-0.0008i	0.1444+0.0001i	0.1521-0.0035i
18.8	0.9754-0.0164i	-0.4437-0.0711i	-0.4054-0.0939i	0.9127+0.0144i	0.1164+0.0011i	0.1036-0.0004i	0.1446+0.0005i	0.1525-0.0031i
18.9	0.9590-0.0197i	-0.4316-0.0671i	-0.4035-0.0867i	0.9040+0.0089i	0.1160+0.0012i	0.1028-0.0001i	0.1441+0.0004i	0.1524-0.0026i
19.0	0.9419-0.0190i	-0.4187-0.0672i	-0.3964-0.0818i	0.8964+0.0012i	0.1150+0.0012i	0.1018-0.0001i	0.1431+0.0001i	0.1514-0.0018i
19.1	0.9328-0.0197i	-0.4079-0.0680i	-0.3913-0.0761i	0.8869-0.0026i	0.1143+0.0014i	0.1015-0.0002i	0.1425-0.0004i	0.1511-0.0012i
19.2	0.9214-0.0205i	-0.3992-0.0678i	-0.3869-0.0720i	0.8777-0.0077i	0.1139+0.0012i	0.1010-0.0002i	0.1416-0.0009i	0.1514-0.0016i
19.3	0.9063-0.0251i	-0.3871-0.0659i	-0.3781-0.0663i	0.8692-0.0131i	0.1130+0.0006i	0.1001-0.0009i	0.1403-0.0020i	0.1508-0.0016i
19.4	0.8964-0.0270i	-0.3794-0.0637i	-0.3715-0.0596i	0.8615-0.0191i	0.1128+0.0001i	0.0997-0.0011i	0.1394-0.0024i	0.1513-0.0019i
19.5	0.8861-0.0277i	-0.3739-0.0636i	-0.3661-0.0563i	0.8544-0.0235i	0.1127+0.0001i	0.0992-0.0013i	0.1392-0.0023i	0.1522-0.0029i
19.6	0.8747-0.0290i	-0.3663-0.0632i	-0.3631-0.0574i	0.8463-0.0233i	0.1125-0.0003i	0.0991-0.0019i	0.1386-0.0027i	0.1541-0.0037i
19.7	0.8679-0.0281i	-0.3590-0.0610i	-0.3580-0.0535i	0.8398-0.0242i	0.1122-0.0013i	0.0993-0.0029i	0.1379-0.0042i	0.1552-0.0058i
19.8	0.8622-0.0262i	-0.3532-0.0617i	-0.3527-0.0485i	0.8330-0.0282i	0.1119-0.0015i	0.0989-0.0033i	0.1364-0.0047i	0.1549-0.0062i
19.9	0.8503-0.0259i	-0.3442-0.0601i	-0.3465-0.0459i	0.8251-0.0295i	0.1110-0.0025i	0.0973-0.0040i	0.1343-0.0053i	0.1551-0.0082i
20.0	0.8462-0.0297i	-0.3390-0.0567i	-0.3449-0.0403i	0.8240-0.0330i	0.1109-0.0038i	0.0976-0.0050i	0.1337-0.0066i	0.1561-0.0112i
20.1	0.8387-0.0305i	-0.3290-0.0577i	-0.3404-0.0392i	0.8208-0.0328i	0.1099-0.0041i	0.0968-0.0058i	0.1314-0.0066i	0.1562-0.0127i
20.2	0.8341-0.0319i	-0.3201-0.0599i	-0.3362-0.0354i	0.8169-0.0367i	0.1092-0.0049i	0.0965-0.0065i	0.1301-0.0068i	0.1567-0.0148i
20.3	0.8271-0.0364i	-0.3161-0.0579i	-0.3346-0.0286i	0.8142-0.0416i	0.1087-0.0055i	0.0961-0.0074i	0.1289-0.0062i	0.1560-0.0170i
20.4	0.8215-0.0359i	-0.3108-0.0580i	-0.3319-0.0267i	0.8113-0.0452i	0.1083-0.0061i	0.0956-0.0079i	0.1282-0.0059i	0.1568-0.0193i
20.5	0.8144-0.0388i	-0.3037-0.0568i	-0.3287-0.0203i	0.8084-0.0500i	0.1071-0.0072i	0.0947-0.0092i	0.1265-0.0057i	0.1561-0.0227i
20.6	0.8070-0.0384i	-0.2984-0.0554i	-0.3256-0.0120i	0.8064-0.0546i	0.1059-0.0081i	0.0934-0.0104i	0.1248-0.0053i	0.1542-0.0270i
20.7	0.8032-0.0425i	-0.2946-0.0521i	-0.3214-0.0048i	0.8046-0.0585i	0.1052-0.0092i	0.0926-0.0118i	0.1238-0.0049i	0.1533-0.0310i
20.8	0.7975-0.0395i	-0.2899-0.0538i	-0.3150+0.0007i	0.7982-0.0637i	0.1038-0.0098i	0.0910-0.0126i	0.1230-0.0038i	0.1493-0.0348i
20.9	0.7921-0.0405i	-0.2818-0.0544i	-0.3069+0.0075i	0.7926-0.0690i	0.1020-0.0102i	0.0886-0.0126i	0.1220-0.0026i	0.1448-0.0368i
21.0	0.7853-0.0428i	-0.2731-0.0546i	-0.2958+0.0126i	0.7879-0.0758i	0.1000-0.0100i	0.0866-0.0123i	0.1212-0.0008i	0.1402-0.0384i
21.1	0.7797-0.0443i	-0.2685-0.0539i	-0.2880+0.0140i	0.7837-0.0779i	0.0986-0.0099i	0.0853-0.0126i	0.1217-0.0001i	0.1353-0.0388i
21.2	0.7734-0.0462i	-0.2606-0.0554i	-0.2786+0.0152i	0.7769-0.0829i	0.0975-0.0093i	0.0840-0.0122i	0.1227+0.0014i	0.1305-0.0389i
21.3	0.7702-0.0487i	-0.2553-0.0570i	-0.2719+0.0154i	0.7703-0.0895i	0.0965-0.0086i	0.0830-0.0114i	0.1229+0.0025i	0.1279-0.0376i
21.4	0.7643-0.0493i	-0.2559-0.0609i	-0.2641+0.0136i	0.7633-0.0932i	0.0965-0.0080i	0.0829-0.0111i	0.1252+0.0032i	0.1250-0.0371i
21.5	0.7583-0.0497i	-0.2528-0.0622i	-0.2602+0.0149i	0.7561-0.0929i	0.0956-0.0073i	0.0819-0.0104i	0.1269+0.0032i	0.1209-0.0345i
21.6	0.7506-0.0519i	-0.2518-0.0629i	-0.2602+0.0154i	0.7509-0.0956i	0.0951-0.0067i	0.0808-0.0094i	0.1277+0.0028i	0.1189-0.0320i
21.7	0.7448-0.0520i	-0.2495-0.0628i	-0.2611+0.0138i	0.7478-0.0991i	0.0943-0.0065i	0.0801-0.0091i	0.1274+0.0016i	0.1171-0.0300i
21.8	0.7389-0.0512i	-0.2464-0.0629i	-0.2605+0.0147i	0.7442-0.1036i	0.0935-0.0059i	0.0794-0.0089i	0.1264+0.0010i	0.1155-0.0276i
21.9	0.7350-0.0508i	-0.2452-0.0637i	-0.2652+0.0190i	0.7427-0.1054i	0.0934-0.0052i	0.0796-0.0088i	0.1265+0.0003i	0.1156-0.0255i
22.0	0.7291-0.0498i	-0.2461-0.0653i	-0.2685+0.0233i	0.7402-0.1087i	0.0933-0.0043i	0.0795-0.0079i	0.1273-0.0003i	0.1154-0.0226i
22.1	0.7294-0.0498i	-0.2449-0.0607i	-0.2729+0.0332i	0.7411-0.1112i	0.0934-0.0040i	0.0796-0.0081i	0.1277-0.0017i	0.1160-0.0207i
22.2	0.7290-0.0508i	-0.2469-0.0581i	-0.2734+0.0459i	0.7396-0.1169i	0.0931-0.0037i	0.0795-0.0082i	0.1280-0.0018i	0.1162-0.0198i
22.3	0.7234-0.0524i	-0.2463-0.0577i	-0.2706+0.0664i	0.7346-0.1311i	0.0929-0.0031i	0.0787-0.0077i	0.1274-0.0019i	0.1170-0.0185i
22.4	0.7158-0.0534i	-0.2431-0.0556i	-0.2659+0.0862i	0.7276-0.1460i	0.0926-0.0031i	0.0777-0.0083i	0.1268-0.0025i	0.1168-0.0186i
22.5	0.7139-0.0525i	-0.2421-0.0523i	-0.2561+0.1064i	0.7216-0.1585i	0.0930-0.0029i	0.0774-0.0089i	0.1266-0.0034i	0.1173-0.0191i
22.6	0.7092-0.0486i	-0.2404-0.0484i	-0.2359+0.1285i	0.7062-0.1716i	0.0933-0.0023i	0.0773-0.0085i	0.1257-0.0037i	0.1179-0.0182i
22.7	0.7036-0.0473i	-0.2378-0.0447i	-0.2073+0.1352i	0.6824-0.1727i	0.0938-0.0019i	0.0768-0.0082i	0.1255-0.0036i	0.1178-0.0173i
22.8	0.6993-0.0468i	-0.2342-0.0432i	-0.1814+0.1375i	0.6618-0.1708i	0.0939-0.0014i	0.0759-0.0074i	0.1251-0.0037i	0.1168-0.0161i
22.9	0.6933-0.0431i	-0.2287-0.0377i	-0.1432+0.1357i	0.6331-0.1646i	0.0940-0.0013i	0.0748-0.0064i	0.1237-0.0033i	0.1171-0.0155i
23.0	0.6936-0.0393i	-0.2265-0.0361i	-0.1226+0.1219i	0.6182-0.1506i	0.0945-0.0010i	0.0751-0.0055i	0.1238-0.0023i	0.1171-0.0144i
23.1	0.6940-0.0358i	-0.2241-0.0327i	-0.1085+0.0996i	0.6088-0.1287i	0.0959-0.0008i	0.0762-0.0046i	0.1251-0.0014i	0.1190-0.0135i
23.2	0.6934-0.0332i	-0.2207-0.0293i	-0.1007+0.0842i	0.6072-0.1141i	0.0962-0.0013i	0.0766-0.0046i	0.1255-0.0015i	0.1198-0.0133i
23.3	0.6935-0.0309i	-0.2167-0.0263i	-0.0986+0.0694i	0.6108-0.0974i	0.0961-0.0015i	0.0773-0.0042i	0.1261-0.0013i	0.1197-0.0128i
23.4	0.6958-0.0285i	-0.2106-0.0236i	-0.0957+0.0562i	0.6139-0.0855i	0.0963-0.0015i	0.0775-0.0036i	0.1260-0.0002i	0.1201-0.0120i
23.5	0.6962-0.0291i	-0.2079-0.0224i	-0.0953+0.0460i	0.6155-0.0752i	0.0966-0.0018i	0.0775-0.0036i	0.1262-0.0001i	0.1213-0.0123i
23.6	0.7010-0.0299i	-0.2051-0.0227i	-0.0997+0.0400i	0.6247-0.0711i	0.0970-0.0023i	0.0783-0.0038i	0.1273-0.0006i	0.1224-0.0128i
23.7	0.7024-0.0295i	-0.1988-0.0231i	-0.1041+0.0301i	0.6318-0.0644i	0.0970-0.0023i	0.0787-0.0034i	0.1280+0.0002i	0.1222-0.0127i
23.8	0.7012-0.0285i	-0.1943-0.0238i	-0.1081+0.0251i	0.6362-0.0629i	0.0971-0.0021i	0.0789-0.0032i	0.1284+0.0004i	0.1230-0.0122i
23.9	0.7009-0.0314i	-0.1906-0.0228i	-0.1105+0.0256i	0.6436-0.0642i	0.0975-0.0021i	0.0793-0.0033i	0.1294+0.0002i	0.1237-0.0122i
24.0	0.7027-0.0353i	-0.1891-0.0205i	-0.1162+0.0255i	0.6511-0.0631i	0.0975-0.0024i	0.0797-0.0037i	0.1299-0.0001i	0.1241-0.0127i
24.1	0.7012-0.0357i	-0.1905-0.0223i	-0.1202+0.0230i	0.6567-0.0608i	0.0981-0.0020i	0.0801-0.0035i	0.1304-0.0002i	0.1248-0.0125i
24.2	0.7027-0.0347i	-0.1883-0.0224i	-0.1241+0.0221i	0.6607-0.0631i	0.0984-0.0019i	0.0811-0.0040i	0.1312-0.0002i	0.1268-0.0121i
24.3	0.7095-0.0326i	-0.1870-0.0202i	-0.1279+0.0225i	0.6650-0.0626i	0.0992-0.0023i	0.0822-0.0042i	0.1329-0.0006i	0.1284-0.0117i
24.4	0.7101-0.0314i	-0.1809-0.0192i	-0.1301+0.0229i	0.6713-0.0617i	0.0997-0.0023i	0.0825-0.0039i	0.1332+0.0001i	0.1295-0.0115i
24.5	0.7112-0.0342i	-0.1766-0.0189i	-0.1341+0.0227i	0.6782-0.0636i	0.0999-0.0027i	0.0831-0.0041i	0.1337-0.0006i	0.1306-0.0122i

24.6	0.7126-0.0321i	-0.1718-0.0200i	-0.1349+0.0264i	0.6892-0.0662i	0.1002-0.0025i	0.0830-0.0039i	0.1348-0.0008i	0.1300-0.0122i
24.7	0.7120-0.0356i	-0.1676-0.0207i	-0.1379+0.0281i	0.6976-0.0686i	0.1009-0.0024i	0.0834-0.0042i	0.1355-0.0009i	0.1311-0.0121i
24.8	0.7151-0.0418i	-0.1663-0.0255i	-0.1417+0.0299i	0.7029-0.0733i	0.1013-0.0025i	0.0839-0.0044i	0.1363-0.0012i	0.1333-0.0124i
24.9	0.7193-0.0407i	-0.1632-0.0259i	-0.1412+0.0338i	0.7112-0.0825i	0.1016-0.0033i	0.0845-0.0051i	0.1373-0.0023i	0.1332-0.0129i
25.0	0.7206-0.0408i	-0.1611-0.0290i	-0.1413+0.0375i	0.7170-0.0863i	0.1020-0.0032i	0.0848-0.0053i	0.1380-0.0025i	0.1342-0.0145i
25.1	0.7254-0.0452i	-0.1615-0.0303i	-0.1441+0.0402i	0.7207-0.0938i	0.1026-0.0034i	0.0855-0.0054i	0.1389-0.0027i	0.1358-0.0152i
25.2	0.7261-0.0512i	-0.1591-0.0316i	-0.1508+0.0438i	0.7282-0.1031i	0.1033-0.0038i	0.0859-0.0058i	0.1396-0.0034i	0.1368-0.0154i
25.3	0.7273-0.0504i	-0.1601-0.0365i	-0.1563+0.0490i	0.7335-0.1111i	0.1035-0.0040i	0.0865-0.0067i	0.1404-0.0035i	0.1376-0.0166i
25.4	0.7284-0.0521i	-0.1588-0.0379i	-0.1583+0.0567i	0.7393-0.1210i	0.1038-0.0042i	0.0868-0.0076i	0.1407-0.0036i	0.1383-0.0175i
25.5	0.7316-0.0532i	-0.1562-0.0441i	-0.1596+0.0667i	0.7448-0.1361i	0.1043-0.0039i	0.0871-0.0075i	0.1416-0.0031i	0.1391-0.0180i
25.6	0.7339-0.0539i	-0.1576-0.0486i	-0.1615+0.0745i	0.7520-0.1496i	0.1047-0.0041i	0.0869-0.0078i	0.1426-0.0028i	0.1402-0.0186i
25.7	0.7368-0.0600i	-0.1652-0.0604i	-0.1615+0.0887i	0.7509-0.1704i	0.1055-0.0044i	0.0876-0.0086i	0.1435-0.0033i	0.1416-0.0205i
25.8	0.7420-0.0643i	-0.1735-0.0672i	-0.1607+0.0995i	0.7474-0.1879i	0.1068-0.0038i	0.0889-0.0083i	0.1461-0.0026i	0.1426-0.0210i
25.9	0.7451-0.0689i	-0.1838-0.0699i	-0.1600+0.1081i	0.7452-0.2018i	0.1086-0.0038i	0.0900-0.0083i	0.1492-0.0024i	0.1442-0.0212i
26.0	0.7463-0.0722i	-0.1961-0.0694i	-0.1541+0.1188i	0.7347-0.2132i	0.1104-0.0046i	0.0907-0.0096i	0.1519-0.0035i	0.1459-0.0239i
26.1	0.7439-0.0804i	-0.2042-0.0668i	-0.1490+0.1295i	0.7217-0.2266i	0.1109-0.0065i	0.0907-0.0114i	0.1532-0.0059i	0.1453-0.0278i
26.2	0.7420-0.0860i	-0.2141-0.0606i	-0.1404+0.1446i	0.7088-0.2414i	0.1109-0.0079i	0.0894-0.0128i	0.1536-0.0080i	0.1437-0.0306i
26.3	0.7434-0.0897i	-0.2238-0.0545i	-0.1324+0.1537i	0.6981-0.2500i	0.1108-0.0086i	0.0891-0.0138i	0.1542-0.0089i	0.1420-0.0320i
26.4	0.7415-0.0960i	-0.2308-0.0429i	-0.1216+0.1615i	0.6845-0.2544i	0.1104-0.0096i	0.0884-0.0143i	0.1545-0.0106i	0.1394-0.0327i
26.5	0.7418-0.0960i	-0.2331-0.0350i	-0.1132+0.1705i	0.6757-0.2539i	0.1104-0.0095i	0.0881-0.0135i	0.1549-0.0108i	0.1378-0.0321i
26.6	0.7444-0.0918i	-0.2368-0.0286i	-0.1021+0.1797i	0.6663-0.2536i	0.1112-0.0089i	0.0878-0.0127i	0.1557-0.0104i	0.1370-0.0301i
26.7	0.7509-0.0876i	-0.2417-0.0241i	-0.0986+0.1890i	0.6615-0.2562i	0.1117-0.0081i	0.0882-0.0118i	0.1573-0.0094i	0.1376-0.0284i
26.8	0.7589-0.0931i	-0.2500-0.0198i	-0.0892+0.1911i	0.6619-0.2584i	0.1137-0.0084i	0.0897-0.0115i	0.1605-0.0102i	0.1394-0.0286i
26.9	0.7627-0.0969i	-0.2555-0.0119i	-0.0809+0.1977i	0.6564-0.2667i	0.1147-0.0089i	0.0901-0.0118i	0.1623-0.0114i	0.1405-0.0289i
27.0	0.7668-0.1036i	-0.2639+0.0024i	-0.0699+0.2090i	0.6475-0.2771i	0.1158-0.0098i	0.0908-0.0123i	0.1649-0.0129i	0.1407-0.0295i
27.1	0.7712-0.1102i	-0.2663+0.0184i	-0.0550+0.2244i	0.6368-0.2871i	0.1170-0.0102i	0.0914-0.0122i	0.1668-0.0141i	0.1400-0.0293i
27.2	0.7784-0.1148i	-0.2704+0.0322i	-0.0354+0.2413i	0.6248-0.2931i	0.1183-0.0106i	0.0922-0.0115i	0.1695-0.0149i	0.1405-0.0278i
27.3	0.7793-0.1194i	-0.2688+0.0477i	-0.0109+0.2433i	0.6098-0.2912i	0.1193-0.0112i	0.0931-0.0112i	0.1718-0.0169i	0.1419-0.0265i
27.4	0.7868-0.1292i	-0.2708+0.0636i	0.0147+0.2526i	0.5937-0.2979i	0.1204-0.0119i	0.0943-0.0111i	0.1747-0.0186i	0.1417-0.0260i
27.5	0.7910-0.1378i	-0.2668+0.0756i	0.0415+0.2455i	0.5797-0.2943i	0.1217-0.0130i	0.0959-0.0117i	0.1771-0.0214i	0.1433-0.0252i
27.6	0.7928-0.1452i	-0.2602+0.0872i	0.0683+0.2374i	0.5610-0.2845i	0.1230-0.0138i	0.0974-0.0114i	0.1789-0.0234i	0.1452-0.0240i
27.7	0.8005-0.1537i	-0.2548+0.1008i	0.1007+0.2187i	0.5409-0.2706i	0.1257-0.0140i	0.0994-0.0112i	0.1817-0.0263i	0.1507-0.0206i
27.8	0.8006-0.1614i	-0.2435+0.1101i	0.1211+0.2032i	0.5297-0.2634i	0.1270-0.0152i	0.1009-0.0121i	0.1828-0.0295i	0.1541-0.0203i
27.9	0.8000-0.1703i	-0.2318+0.1176i	0.1338+0.1871i	0.5264-0.2532i	0.1282-0.0170i	0.1029-0.0135i	0.1832-0.0330i	0.1576-0.0210i
28.0	0.8043-0.1771i	-0.2256+0.1173i	0.1417+0.1634i	0.5278-0.2368i	0.1292-0.0183i	0.1049-0.0143i	0.1840-0.0348i	0.1612-0.0224i
28.1	0.8087-0.1915i	-0.2269+0.1190i	0.1509+0.1362i	0.5233-0.2325i	0.1308-0.0197i	0.1065-0.0154i	0.1843-0.0379i	0.1664-0.0245i
28.2	0.8102-0.2101i	-0.2335+0.1380i	0.1552+0.1192i	0.5166-0.2261i	0.1334-0.0219i	0.1093-0.0161i	0.1868-0.0406i	0.1715-0.0259i
28.3	0.8070-0.2261i	-0.2264+0.1644i	0.1572+0.1031i	0.5136-0.2091i	0.1362-0.0257i	0.1132-0.0197i	0.1905-0.0445i	0.1776-0.0313i
28.4	0.8000-0.2313i	-0.2047+0.1673i	0.1535+0.0901i	0.5213-0.1929i	0.1364-0.0287i	0.1139-0.0228i	0.1907-0.0484i	0.1798-0.0370i
28.5	0.8083-0.2363i	-0.1979+0.1644i	0.1505+0.0734i	0.5386-0.1817i	0.1378-0.0315i	0.1148-0.0255i	0.1924-0.0519i	0.1827-0.0424i
28.6	0.8160-0.2464i	-0.1949+0.1674i	0.1452+0.0561i	0.5504-0.1757i	0.1392-0.0346i	0.1166-0.0287i	0.1943-0.0555i	0.1853-0.0480i
28.7	0.8151-0.2617i	-0.1932+0.1758i	0.1413+0.0448i	0.5575-0.1727i	0.1394-0.0381i	0.1173-0.0320i	0.1948-0.0595i	0.1853-0.0538i
28.8	0.8171-0.2748i	-0.1947+0.1850i	0.1387+0.0349i	0.5659-0.1683i	0.1401-0.0407i	0.1177-0.0348i	0.1957-0.0638i	0.1861-0.0591i
28.9	0.8183-0.2944i	-0.1911+0.1988i	0.1319+0.0234i	0.5756-0.1687i	0.1400-0.0455i	0.1178-0.0391i	0.1960-0.0697i	0.1856-0.0665i
29.0	0.8147-0.3094i	-0.1810+0.2095i	0.1284+0.0145i	0.5805-0.1709i	0.1386-0.0491i	0.1172-0.0422i	0.1950-0.0740i	0.1832-0.0721i
29.1	0.8102-0.3286i	-0.1712+0.2189i	0.1229+0.0075i	0.5903-0.1745i	0.1373-0.0521i	0.1159-0.0455i	0.1944-0.0783i	0.1812-0.0771i
29.2	0.8002-0.3486i	-0.1563+0.2370i	0.1088-0.0022i	0.6039-0.1785i	0.1364-0.0558i	0.1149-0.0484i	0.1939-0.0837i	0.1783-0.0821i
29.3	0.7910-0.3595i	-0.1446+0.2425i	0.0994-0.0060i	0.6070-0.1768i	0.1352-0.0574i	0.1143-0.0501i	0.1928-0.0862i	0.1761-0.0849i
29.4	0.7681-0.3766i	-0.1219+0.2502i	0.0906-0.0115i	0.6123-0.1855i	0.1308-0.0606i	0.1112-0.0525i	0.1878-0.0903i	0.1696-0.0890i
29.5	0.7537-0.3981i	-0.1048+0.2632i	0.0852-0.0211i	0.6178-0.1938i	0.1284-0.0645i	0.1095-0.0558i	0.1860-0.0951i	0.1658-0.0936i
29.6	0.7403-0.4059i	-0.0892+0.2655i	0.0751-0.0267i	0.6209-0.1968i	0.1263-0.0657i	0.1082-0.0570i	0.1846-0.0969i	0.1634-0.0951i
29.7	0.7253-0.4173i	-0.0695+0.2693i	0.0641-0.0295i	0.6273-0.2033i	0.1240-0.0673i	0.1065-0.0586i	0.1824-0.1003i	0.1597-0.0967i
29.8	0.7089-0.4260i	-0.0476+0.2670i	0.0512-0.0306i	0.6315-0.2137i	0.1224-0.0691i	0.1052-0.0606i	0.1807-0.1041i	0.1563-0.0990i
29.9	0.6949-0.4363i	-0.0328+0.2586i	0.0423-0.0319i	0.6365-0.2270i	0.1203-0.0704i	0.1040-0.0623i	0.1795-0.1077i	0.1535-0.1000i
30.0	0.6726-0.4456i	-0.0188+0.2555i	0.0299-0.0358i	0.6403-0.2364i	0.1174-0.0724i	0.1018-0.0639i	0.1758-0.1114i	0.1497-0.1022i
30.1	0.6438-0.4397i	0.0100+0.2480i	0.0150-0.0291i	0.6421-0.2410i	0.1125-0.0742i	0.0983-0.0661i	0.1711-0.1148i	0.1410-0.1043i
30.2	0.6286-0.4311i	0.0202+0.2368i	0.0029-0.0183i	0.6434-0.2500i	0.1091-0.0740i	0.0955-0.0666i	0.1678-0.1165i	0.1349-0.1032i
30.3	0.6146-0.4302i	0.0277+0.2211i	-0.0066-0.0133i	0.6391-0.2620i	0.1063-0.0734i	0.0926-0.0671i	0.1648-0.1188i	0.1295-0.1011i
30.4	0.6033-0.4236i	0.0282+0.2071i	-0.0108-0.0074i	0.6371-0.2693i	0.1035-0.0711i	0.0895-0.0656i	0.1609-0.1197i	0.1255-0.0946i
30.5	0.5988-0.4329i	0.0270+0.2104i	-0.0189-0.0027i	0.6392-0.2776i	0.1028-0.0710i	0.0885-0.0662i	0.1590-0.1230i	0.1248-0.0922i
30.6	0.5889-0.4451i	0.0300+0.2163i	-0.0322+0.0007i	0.6412-0.2868i	0.1028-0.0720i	0.0891-0.0672i	0.1575-0.1265i	0.1268-0.0914i
30.7	0.5610-0.4425i	0.0468+0.2160i	-0.0375+0.0061i	0.6335-0.2931i	0.0992-0.0718i	0.0858-0.0670i	0.1523-0.1268i	0.1235-0.0906i
30.8	0.5423-0.4327i	0.0618+0.2051i	-0.0543+0.0203i	0.6362-0.3065i	0.0974-0.0707i	0.0846-0.0659i	0.1502-0.1272i	0.1216-0.0871i

30.9	0.5294-0.4285i	0.0726+0.2005i	-0.0592+0.0427i	0.6339-0.3175i	0.0961-0.0703i	0.0832-0.0665i	0.1477-0.1293i	0.1192-0.0848i
31.0	0.5070-0.4068i	0.0844+0.1847i	-0.0657+0.0603i	0.6286-0.3223i	0.0917-0.0678i	0.0795-0.0646i	0.1409-0.1270i	0.1143-0.0808i
31.1	0.4918-0.3983i	0.0951+0.1789i	-0.0738+0.0857i	0.6276-0.3366i	0.0883-0.0682i	0.0761-0.0663i	0.1347-0.1316i	0.1108-0.0780i
31.2	0.4866-0.3929i	0.0969+0.1690i	-0.0637+0.0980i	0.6152-0.3466i	0.0866-0.0668i	0.0740-0.0648i	0.1307-0.1327i	0.1087-0.0728i
31.3	0.4995-0.3728i	0.0867+0.1504i	-0.0712+0.1156i	0.6193-0.3548i	0.0893-0.0622i	0.0769-0.0605i	0.1339-0.1285i	0.1136-0.0639i
31.4	0.4926-0.3504i	0.0872+0.1396i	-0.0706+0.1322i	0.6176-0.3625i	0.0888-0.0573i	0.0763-0.0564i	0.1315-0.1240i	0.1156-0.0556i
31.5	0.4898-0.3303i	0.0831+0.1196i	-0.0672+0.1485i	0.6111-0.3686i	0.0899-0.0526i	0.0772-0.0519i	0.1315-0.1209i	0.1192-0.0456i
31.6	0.4840-0.3307i	0.0893+0.1188i	-0.0587+0.1794i	0.5948-0.3915i	0.0891-0.0534i	0.0761-0.0528i	0.1276-0.1257i	0.1212-0.0429i
31.7	0.4778-0.3398i	0.0943+0.1270i	-0.0384+0.2084i	0.5723-0.4126i	0.0879-0.0551i	0.0746-0.0552i	0.1196-0.1324i	0.1256-0.0424i
31.8	0.4679-0.3131i	0.0984+0.1092i	-0.0202+0.2221i	0.5577-0.4159i	0.0871-0.0496i	0.0738-0.0500i	0.1133-0.1274i	0.1303-0.0321i
31.9	0.4386-0.2735i	0.1170+0.0860i	0.0094+0.2195i	0.5313-0.4012i	0.0813-0.0422i	0.0672-0.0429i	0.0982-0.1166i	0.1281-0.0215i
32.0	0.4568-0.2447i	0.1094+0.0725i	0.0269+0.2294i	0.5202-0.3962i	0.0849-0.0359i	0.0705-0.0365i	0.0990-0.1078i	0.1389-0.0133i
32.1	0.4898-0.2636i	0.0804+0.0908i	0.0444+0.2613i	0.5050-0.4179i	0.0937-0.0405i	0.0793-0.0420i	0.1050-0.1143i	0.1588-0.0221i
32.2	0.4885-0.2463i	0.0808+0.0866i	0.0724+0.2687i	0.4850-0.4113i	0.0949-0.0384i	0.0806-0.0402i	0.1004-0.1098i	0.1675-0.0218i
32.3	0.4907-0.2234i	0.0889+0.0729i	0.1022+0.2572i	0.4725-0.3898i	0.0953-0.0337i	0.0807-0.0353i	0.0969-0.0995i	0.1716-0.0173i
32.4	0.4922-0.2148i	0.0991+0.0732i	0.1322+0.2578i	0.4541-0.3818i	0.0955-0.0324i	0.0805-0.0343i	0.0931-0.0931i	0.1751-0.0190i
32.5	0.5189-0.2175i	0.0854+0.0757i	0.1550+0.2588i	0.4496-0.3769i	0.1013-0.0325i	0.0864-0.0349i	0.0968-0.0895i	0.1882-0.0250i
32.6	0.5366-0.1931i	0.0892+0.0549i	0.1760+0.2448i	0.4516-0.3554i	0.1050-0.0281i	0.0892-0.0304i	0.1019-0.0782i	0.1945-0.0232i
32.7	0.5575-0.1844i	0.0816+0.0483i	0.1990+0.2334i	0.4459-0.3395i	0.1092-0.0270i	0.0933-0.0296i	0.1066-0.0710i	0.2020-0.0285i
32.8	0.5809-0.1630i	0.0754+0.0340i	0.2161+0.2187i	0.4462-0.3200i	0.1132-0.0225i	0.0977-0.0247i	0.1126-0.0585i	0.2098-0.0279i
32.9	0.5945-0.1233i	0.0845-0.0014i	0.2190+0.1937i	0.4590-0.2941i	0.1146-0.0125i	0.0987-0.0142i	0.1173-0.0387i	0.2104-0.0162i
33.0	0.6219-0.1427i	0.0785+0.0035i	0.2354+0.1838i	0.4645-0.2865i	0.1203-0.0150i	0.1041-0.0172i	0.1270-0.0426i	0.2173-0.0213i
33.1	0.6354-0.1732i	0.0723+0.0164i	0.2534+0.1714i	0.4711-0.2919i	0.1248-0.0203i	0.1086-0.0229i	0.1335-0.0488i	0.2228-0.0327i
33.2	0.6736-0.1871i	0.0572+0.0126i	0.2604+0.1472i	0.4876-0.2889i	0.1330-0.0197i	0.1161-0.0225i	0.1461-0.0467i	0.2358-0.0340i
33.3	0.6685-0.2094i	0.0654+0.0201i	0.2711+0.1353i	0.4863-0.2907i	0.1334-0.0234i	0.1159-0.0267i	0.1457-0.0523i	0.2381-0.0401i
33.4	0.6801-0.2412i	0.0622+0.0278i	0.2780+0.1161i	0.4939-0.3003i	0.1388-0.0300i	0.1212-0.0333i	0.1528-0.0588i	0.2471-0.0541i
33.5	0.7159-0.2866i	0.0292+0.0433i	0.2736+0.1042i	0.5015-0.3116i	0.1500-0.0389i	0.1331-0.0426i	0.1697-0.0702i	0.2628-0.0729i
33.6	0.7007-0.2907i	0.0394+0.0366i	0.2654+0.0833i	0.5046-0.3068i	0.1482-0.0395i	0.1307-0.0430i	0.1691-0.0701i	0.2568-0.0751i
33.7	0.7099-0.2906i	0.0330+0.0210i	0.2539+0.0694i	0.5129-0.3116i	0.1510-0.0373i	0.1342-0.0410i	0.1767-0.0648i	0.2591-0.0754i
33.8	0.7143-0.2544i	0.0316-0.0154i	0.2360+0.0648i	0.5269-0.3123i	0.1520-0.0272i	0.1357-0.0311i	0.1812-0.0484i	0.2601-0.0621i
33.9	0.6646-0.2637i	0.0642-0.0094i	0.2291+0.0701i	0.5239-0.3224i	0.1420-0.0298i	0.1241-0.0337i	0.1648-0.0515i	0.2440-0.0662i
34.0	0.6913-0.2627i	0.0452-0.0185i	0.2236+0.0857i	0.5308-0.3425i	0.1506-0.0269i	0.1336-0.0316i	0.1798-0.0493i	0.2551-0.0616i
34.1	0.7339-0.2844i	0.0085-0.0145i	0.2296+0.1075i	0.5276-0.3719i	0.1648-0.0300i	0.1482-0.0355i	0.2027-0.0582i	0.2747-0.0668i
34.2	0.7679-0.2915i	-0.0233-0.0174i	0.2441+0.1213i	0.5140-0.3855i	0.1765-0.0291i	0.1603-0.0361i	0.2210-0.0603i	0.2923-0.0655i
34.3	0.8542-0.2794i	-0.0856-0.0421i	0.2526+0.1237i	0.5154-0.4007i	0.2022-0.0225i	0.1871-0.0308i	0.2624-0.0542i	0.3312-0.0562i
34.4	0.8880-0.3326i	-0.1172-0.0093i	0.2857+0.1234i	0.4877-0.4094i	0.2165-0.0355i	0.2003-0.0454i	0.2809-0.0788i	0.3530-0.0758i
34.5	0.9021-0.3355i	-0.1233-0.0177i	0.3069+0.1056i	0.4790-0.3963i	0.2222-0.0343i	0.2061-0.0443i	0.2870-0.0774i	0.3636-0.0743i
34.6	0.9739-0.3742i	-0.1772-0.0090i	0.3250+0.0884i	0.4745-0.3922i	0.2455-0.0414i	0.2296-0.0521i	0.3199-0.0907i	0.4001-0.0860i
34.7	0.9580-0.4160i	-0.1633+0.0201i	0.3504+0.0672i	0.4587-0.3770i	0.2461-0.0511i	0.2287-0.0630i	0.3160-0.1075i	0.4026-0.1009i
34.8	0.9434-0.5078i	-0.1688+0.0809i	0.3557+0.0452i	0.4461-0.3744i	0.2501-0.0764i	0.2308-0.0896i	0.3152-0.1470i	0.4099-0.1393i
34.9	0.9827-0.6314i	-0.2181+0.1536i	0.3632+0.0237i	0.4495-0.3807i	0.2711-0.1084i	0.2502-0.1247i	0.3414-0.1986i	0.4410-0.1915i
35.0	0.9746-0.6600i	-0.2112+0.1695i	0.3596-0.0024i	0.4575-0.3664i	0.2732-0.1169i	0.2511-0.1337i	0.3392-0.2122i	0.4467-0.2048i
35.1	0.9309-0.7288i	-0.1881+0.2129i	0.3536-0.0336i	0.4565-0.3583i	0.2685-0.1387i	0.2447-0.1555i	0.3251-0.2432i	0.4435-0.2386i
35.2	0.9342-0.7736i	-0.1960+0.2362i	0.3489-0.0493i	0.4655-0.3554i	0.2762-0.1505i	0.2513-0.1684i	0.3314-0.2608i	0.4580-0.2589i
35.3	0.9006-0.8321i	-0.1826+0.2690i	0.3346-0.0742i	0.4761-0.3526i	0.2751-0.1707i	0.2473-0.1887i	0.3218-0.2893i	0.4584-0.2917i
35.4	0.8200-0.8884i	-0.1421+0.3076i	0.3118-0.0866i	0.4852-0.3598i	0.2598-0.1918i	0.2294-0.2094i	0.2922-0.3179i	0.4360-0.3255i
35.5	0.7767-0.9236i	-0.1179+0.3276i	0.2923-0.0924i	0.4961-0.3669i	0.2534-0.2038i	0.2213-0.2217i	0.2773-0.3336i	0.4277-0.3463i
35.6	0.7116-0.9607i	-0.0808+0.3471i	0.2754-0.0889i	0.5141-0.3851i	0.2441-0.2196i	0.2091-0.2374i	0.2550-0.3527i	0.4164-0.3743i
35.7	0.6433-0.9899i	-0.0484+0.3739i	0.2642-0.0742i	0.5137-0.4115i	0.2306-0.2357i	0.1930-0.2527i	0.2278-0.3714i	0.3971-0.4012i
35.8	0.6035-1.0121i	-0.0353+0.3876i	0.2608-0.0624i	0.5034-0.4406i	0.2268-0.2471i	0.1869-0.2637i	0.2155-0.3853i	0.3938-0.4224i
35.9	0.5545-1.0255i	-0.0164+0.3908i	0.2674-0.0537i	0.4820-0.4677i	0.2209-0.2551i	0.1791-0.2711i	0.1984-0.3928i	0.3897-0.4387i
36.0	0.4985-1.0294i	0.0119+0.3954i	0.2818-0.0515i	0.4579-0.4829i	0.2120-0.2659i	0.1685-0.2796i	0.1768-0.3982i	0.3813-0.4629i
36.1	0.4351-1.0458i	0.0423+0.4143i	0.2986-0.0599i	0.4259-0.4839i	0.2010-0.2809i	0.1547-0.2927i	0.1489-0.4101i	0.3702-0.4937i
36.2	0.3920-1.0326i	0.0646+0.4084i	0.3145-0.0778i	0.3990-0.4764i	0.1923-0.2848i	0.1449-0.2950i	0.1279-0.4061i	0.3626-0.5077i
36.3	0.3432-1.0234i	0.0880+0.4064i	0.3217-0.1003i	0.3821-0.4665i	0.1806-0.2940i	0.1322-0.3016i	0.1055-0.4070i	0.3463-0.5298i
36.4	0.2972-1.0170i	0.1099+0.4073i	0.3195-0.1250i	0.3672-0.4533i	0.1710-0.3037i	0.1208-0.3090i	0.0866-0.4055i	0.3320-0.5573i
36.5	0.2421-0.9984i	0.1374+0.4031i	0.3071-0.1479i	0.3581-0.4325i	0.1577-0.3113i	0.1066-0.3140i	0.0641-0.3978i	0.3119-0.5830i
36.6	0.1974-0.9815i	0.1602+0.3986i	0.2904-0.1605i	0.3593-0.4242i	0.1458-0.3172i	0.0941-0.3175i	0.0477-0.3904i	0.2900-0.6046i
36.7	0.1558-0.9660i	0.1772+0.3992i	0.2734-0.1665i	0.3579-0.4210i	0.1353-0.3254i	0.0832-0.3239i	0.0354-0.3849i	0.2690-0.6312i
36.8	0.1161-0.9473i	0.1980+0.3947i	0.2518-0.1720i	0.3635-0.4157i	0.1242-0.3337i	0.0713-0.3302i	0.0215-0.3747i	0.2477-0.6631i
36.9	0.0841-0.9343i	0.2139+0.3991i	0.2343-0.1676i	0.3708-0.4140i	0.1135-0.3422i	0.0607-0.3370i	0.0100-0.3708i	0.2257-0.6901i
37.0	0.0700-0.9011i	0.2291+0.3871i	0.2240-0.1565i	0.3720-0.4167i	0.1041-0.3428i	0.0507-0.3364i	0.0058-0.3557i	0.2003-0.7044i
37.1	0.0373-0.8911i	0.2510+0.3916i	0.2301-0.1544i	0.3632-0.4199i	0.0897-0.3544i	0.0358-0.3451i	-0.0035-0.3542i	0.1640-0.7358i

37.2	-0.0016-0.8819i	0.2740+0.3967i	0.2283-0.1576i	0.3579-0.4189i	0.0767-0.3665i	0.0216-0.3547i	-0.0150-0.3526i	0.1335-0.7697i
37.3	-0.0449-0.8526i	0.3013+0.3803i	0.2120-0.1673i	0.3547-0.4207i	0.0550-0.3718i	0.0001-0.3565i	-0.0223-0.3321i	0.0726-0.8012i
37.4	-0.0656-0.8310i	0.3128+0.3736i	0.2079-0.1772i	0.3534-0.4141i	0.0427-0.3762i	-0.0118-0.3598i	-0.0231-0.3227i	0.0351-0.8222i
37.5	-0.0940-0.8132i	0.3334+0.3788i	0.2044-0.1779i	0.3503-0.4054i	0.0251-0.3860i	-0.0295-0.3672i	-0.0185-0.3209i	-0.0245-0.8488i
37.6	-0.1276-0.7853i	0.3628+0.3766i	0.2008-0.1789i	0.3418-0.4035i	0.0042-0.3910i	-0.0502-0.3693i	-0.0203-0.3134i	-0.0872-0.8662i
37.7	-0.1534-0.7497i	0.3905+0.3610i	0.1862-0.1801i	0.3507-0.4039i	-0.0205-0.3889i	-0.0736-0.3648i	-0.0144-0.3056i	-0.1681-0.8619i
37.8	-0.1834-0.7215i	0.4123+0.3482i	0.1709-0.1725i	0.3522-0.4125i	-0.0426-0.3851i	-0.0950-0.3586i	-0.0084-0.3043i	-0.2390-0.8456i
37.9	-0.2153-0.6708i	0.4449+0.3271i	0.1598-0.1568i	0.3493-0.4261i	-0.0702-0.3761i	-0.1208-0.3463i	-0.0018-0.3086i	-0.3266-0.8058i
38.0	-0.2376-0.6314i	0.4657+0.3147i	0.1619-0.1456i	0.3350-0.4329i	-0.0901-0.3697i	-0.1397-0.3378i	0.0040-0.3189i	-0.3925-0.7719i
38.1	-0.2561-0.5718i	0.4921+0.2852i	0.1792-0.1407i	0.3077-0.4241i	-0.1165-0.3546i	-0.1634-0.3194i	-0.0069-0.3351i	-0.4571-0.7029i
38.2	-0.2565-0.5341i	0.5048+0.2717i	0.1777-0.1446i	0.3034-0.4083i	-0.1314-0.3428i	-0.1760-0.3067i	-0.0131-0.3545i	-0.4935-0.6448i
38.3	-0.2417-0.5010i	0.5106+0.2518i	0.1836-0.1637i	0.3064-0.3829i	-0.1390-0.3263i	-0.1812-0.2902i	-0.0145-0.3676i	-0.5116-0.5796i
38.4	-0.2346-0.4693i	0.5254+0.2259i	0.1857-0.1758i	0.3250-0.3718i	-0.1484-0.3108i	-0.1888-0.2732i	-0.0321-0.3774i	-0.5176-0.5184i
38.5	-0.2407-0.4444i	0.5528+0.2117i	0.1731-0.1691i	0.3396-0.3731i	-0.1635-0.3012i	-0.2018-0.2623i	-0.0565-0.3962i	-0.5362-0.4671i
38.6	-0.2401-0.4131i	0.5712+0.1833i	0.1593-0.1767i	0.3530-0.3840i	-0.1768-0.2875i	-0.2124-0.2475i	-0.0826-0.4126i	-0.5439-0.4061i
38.7	-0.2424-0.3991i	0.5777+0.1552i	0.1538-0.1757i	0.3588-0.3969i	-0.1815-0.2806i	-0.2162-0.2390i	-0.0996-0.4192i	-0.5398-0.3767i
38.8	-0.2495-0.3725i	0.5914+0.1285i	0.1419-0.1755i	0.3637-0.4068i	-0.1930-0.2688i	-0.2258-0.2258i	-0.1257-0.4235i	-0.5470-0.3329i
38.9	-0.2495-0.3309i	0.6023+0.0898i	0.1256-0.1657i	0.3655-0.4299i	-0.2030-0.2513i	-0.2331-0.2071i	-0.1615-0.4218i	-0.5375-0.2788i
39.0	-0.2447-0.3014i	0.6055+0.0570i	0.1256-0.1532i	0.3565-0.4476i	-0.2080-0.2315i	-0.2366-0.1874i	-0.1875-0.4046i	-0.5221-0.2354i
39.1	-0.2342-0.2721i	0.6077+0.0277i	0.1301-0.1416i	0.3434-0.4623i	-0.2139-0.2149i	-0.2399-0.1712i	-0.2200-0.3908i	-0.5026-0.1995i
39.2	-0.2279-0.2512i	0.6031-0.0007i	0.1428-0.1370i	0.3289-0.4820i	-0.2182-0.2077i	-0.2413-0.1633i	-0.2468-0.3849i	-0.4837-0.1834i
39.3	-0.2279-0.2283i	0.6075-0.0301i	0.1513-0.1369i	0.3072-0.4906i	-0.2271-0.1943i	-0.2485-0.1487i	-0.2827-0.3676i	-0.4728-0.1559i
39.4	-0.2215-0.1887i	0.5973-0.0643i	0.1508-0.1453i	0.2787-0.4894i	-0.2320-0.1754i	-0.2498-0.1300i	-0.3088-0.3373i	-0.4550-0.1283i
39.5	-0.2073-0.1602i	0.5793-0.0965i	0.1558-0.1524i	0.2509-0.4893i	-0.2285-0.1588i	-0.2438-0.1139i	-0.3187-0.3036i	-0.4299-0.1118i
39.6	-0.1946-0.1357i	0.5660-0.1130i	0.1467-0.1488i	0.2345-0.4797i	-0.2313-0.1432i	-0.2441-0.0991i	-0.3320-0.2755i	-0.4210-0.0917i
39.7	-0.1694-0.1111i	0.5399-0.1347i	0.1304-0.1420i	0.2214-0.4809i	-0.2287-0.1311i	-0.2388-0.0890i	-0.3315-0.2568i	-0.4095-0.0788i
39.8	-0.1539-0.0927i	0.5281-0.1577i	0.1458-0.1470i	0.1988-0.4680i	-0.2216-0.1169i	-0.2304-0.0758i	-0.3376-0.2326i	-0.3785-0.0619i
39.9	-0.1368-0.0796i	0.5084-0.1680i	0.1487-0.1495i	0.1847-0.4480i	-0.2188-0.1051i	-0.2264-0.0655i	-0.3475-0.2046i	-0.3581-0.0545i
40.0	-0.1161-0.0649i	0.4943-0.1762i	0.1477-0.1542i	0.1811-0.4272i	-0.2174-0.0952i	-0.2232-0.0573i	-0.3510-0.1801i	-0.3478-0.0512i
40.1	-0.0964-0.0492i	0.4826-0.1929i	0.1446-0.1609i	0.1766-0.4056i	-0.2107-0.0826i	-0.2155-0.0463i	-0.3466-0.1534i	-0.3284-0.0431i
40.2	-0.0799-0.0392i	0.4714-0.2000i	0.1433-0.1612i	0.1759-0.3867i	-0.2092-0.0702i	-0.2128-0.0364i	-0.3493-0.1259i	-0.3192-0.0350i
40.3	-0.0659-0.0338i	0.4608-0.2028i	0.1333-0.1611i	0.1800-0.3757i	-0.2070-0.0645i	-0.2095-0.0322i	-0.3439-0.1112i	-0.3172-0.0328i
40.4	-0.0550-0.0217i	0.4566-0.2127i	0.1327-0.1640i	0.1823-0.3684i	-0.2063-0.0533i	-0.2075-0.0220i	-0.3448-0.0868i	-0.3115-0.0240i
40.5	-0.0387-0.0091i	0.4424-0.2261i	0.1295-0.1708i	0.1830-0.3572i	-0.2004-0.0423i	-0.2012-0.0125i	-0.3368-0.0572i	-0.2989-0.0235i
40.6	-0.0229-0.0015i	0.4277-0.2356i	0.1201-0.1749i	0.1880-0.3466i	-0.1937-0.0332i	-0.1950-0.0044i	-0.3238-0.0342i	-0.2924-0.0202i
40.7	-0.0088+0.0073i	0.4224-0.2473i	0.1159-0.1703i	0.2041-0.3442i	-0.1866-0.0249i	-0.1877+0.0018i	-0.3127-0.0171i	-0.2810-0.0157i
40.8	0.0039+0.0098i	0.4276-0.2489i	0.1155-0.1543i	0.2187-0.3478i	-0.1900-0.0219i	-0.1915+0.0037i	-0.3118-0.0140i	-0.2938-0.0105i
40.9	0.0177+0.0299i	0.4165-0.2664i	0.1128-0.1562i	0.2240-0.3462i	-0.1836-0.0117i	-0.1853+0.0141i	-0.3032+0.0061i	-0.2817+0.0001i
41.0	0.0367+0.0391i	0.3975-0.2835i	0.1078-0.1623i	0.2239-0.3538i	-0.1727-0.0014i	-0.1742+0.0233i	-0.2841+0.0290i	-0.2662+0.0077i
41.1	0.0529+0.0376i	0.3801-0.2899i	0.1056-0.1573i	0.2181-0.3641i	-0.1660+0.0047i	-0.1668+0.0293i	-0.2691+0.0419i	-0.2597+0.0147i
41.2	0.0676+0.0348i	0.3627-0.2880i	0.1043-0.1408i	0.2107-0.3645i	-0.1568+0.0060i	-0.1573+0.0290i	-0.2526+0.0418i	-0.2464+0.0154i
41.3	0.0876+0.0343i	0.3302-0.2956i	0.1123-0.1432i	0.1899-0.3615i	-0.1484+0.0098i	-0.1481+0.0319i	-0.2389+0.0524i	-0.2326+0.0157i
41.4	0.0987+0.0389i	0.3266-0.2978i	0.1179-0.1462i	0.1952-0.3476i	-0.1470+0.0147i	-0.1474+0.0360i	-0.2366+0.0669i	-0.2304+0.0145i
41.5	0.1266+0.0396i	0.2969-0.3060i	0.1053-0.1494i	0.1916-0.3597i	-0.1381+0.0196i	-0.1380+0.0410i	-0.2160+0.0805i	-0.2246+0.0153i
41.6	0.1376+0.0345i	0.2773-0.2945i	0.1009-0.1446i	0.1694-0.3429i	-0.1282+0.0194i	-0.1273+0.0397i	-0.1906+0.0805i	-0.2177+0.0134i
41.7	0.1376+0.0410i	0.3040-0.2943i	0.1201-0.1437i	0.1937-0.3326i	-0.1339+0.0221i	-0.1348+0.0416i	-0.1961+0.0817i	-0.2338+0.0198i
41.8	0.1533+0.0388i	0.2892-0.3039i	0.1191-0.1471i	0.2038-0.3472i	-0.1319+0.0320i	-0.1338+0.0512i	-0.1897+0.0966i	-0.2372+0.0367i
41.9	0.1723+0.0335i	0.2550-0.3112i	0.1085-0.1502i	0.1887-0.3570i	-0.1186+0.0367i	-0.1199+0.0564i	-0.1625+0.1035i	-0.2194+0.0453i
42.0	0.1785+0.0198i	0.2422-0.2837i	0.1008-0.1414i	0.1780-0.3394i	-0.1089+0.0293i	-0.1097+0.0488i	-0.1429+0.0863i	-0.2083+0.0399i
42.1	0.1811+0.0121i	0.2433-0.2663i	0.1017-0.1301i	0.1901-0.3297i	-0.1101+0.0254i	-0.1112+0.0439i	-0.1439+0.0754i	-0.2124+0.0366i
42.2	0.1977+0.0110i	0.2350-0.2670i	0.1036-0.1202i	0.1931-0.3426i	-0.1044+0.0296i	-0.1061+0.0474i	-0.1328+0.0780i	-0.2049+0.0452i
42.3	0.2039+0.0060i	0.2220-0.2498i	0.1226-0.1127i	0.1739-0.3372i	-0.0990+0.0293i	-0.1013+0.0466i	-0.1274+0.0730i	-0.1946+0.0486i
42.4	0.2032+0.0070i	0.2337-0.2766i	0.1503-0.1492i	0.1739-0.3370i	-0.1028+0.0362i	-0.1050+0.0555i	-0.1366+0.0916i	-0.1967+0.0549i
42.5	0.2066+0.0081i	0.2351-0.2880i	0.1529-0.1637i	0.1669-0.3405i	-0.1029+0.0399i	-0.1047+0.0590i	-0.1347+0.1002i	-0.1963+0.0573i
42.6	0.2055+0.0041i	0.2312-0.2751i	0.1380-0.1712i	0.1718-0.3233i	-0.0982+0.0404i	-0.1004+0.0588i	-0.1217+0.0998i	-0.1943+0.0590i
42.7	0.2087+0.0031i	0.2238-0.2743i	0.1160-0.1677i	0.1835-0.3143i	-0.0912+0.0415i	-0.0924+0.0597i	-0.1040+0.0995i	-0.1890+0.0613i
42.8	0.2093+0.0090i	0.2265-0.2701i	0.1164-0.1602i	0.1885-0.3159i	-0.0889+0.0398i	-0.0904+0.0579i	-0.0953+0.0898i	-0.1901+0.0634i
42.9	0.2168+0.0078i	0.2301-0.2796i	0.1373-0.1680i	0.1851-0.3329i	-0.0899+0.0484i	-0.0915+0.0684i	-0.0986+0.0940i	-0.1897+0.0896i
43.0	0.2235+0.0021i	0.2156-0.2874i	0.1317-0.1918i	0.1707-0.3262i	-0.0836+0.0534i	-0.0837+0.0736i	-0.0917+0.1017i	-0.1763+0.0976i
43.1	0.2261+0.0012i	0.2153-0.2902i	0.1197-0.2048i	0.1700-0.3156i	-0.0795+0.0550i	-0.0781+0.0747i	-0.0850+0.1054i	-0.1679+0.0974i
43.2	0.2357+0.0023i	0.1980-0.2978i	0.0974-0.2084i	0.1649-0.3192i	-0.0693+0.0593i	-0.0666+0.0794i	-0.0651+0.1086i	-0.1524+0.1084i
43.3	0.2421-0.0021i	0.1847-0.2931i	0.0863-0.2030i	0.1581-0.3223i	-0.0626+0.0591i	-0.0593+0.0782i	-0.0553+0.1007i	-0.1392+0.1105i
43.4	0.2265+0.0017i	0.2049-0.2894i	0.0794-0.1928i	0.1757-0.3097i	-0.0642+0.0545i	-0.0611+0.0723i	-0.0608+0.0935i	-0.1391+0.1007i

43.5	0.2282+0.0052i	0.2114−0.2969i	0.0884−0.1923i	0.1781−0.3255i	−0.0670+0.0585i	−0.0629+0.0774i	−0.0656+0.1016i	−0.1421+0.1089i
43.6	0.2388+0.0088i	0.1954−0.3187i	0.1062−0.1939i	0.1588−0.3382i	−0.0649+0.0643i	−0.0602+0.0833i	−0.0661+0.1101i	−0.1343+0.1172i
43.7	0.2445+0.0096i	0.1738−0.3379i	0.0852−0.2294i	0.1443−0.3210i	−0.0547+0.0672i	−0.0493+0.0853i	−0.0486+0.1157i	−0.1181+0.1182i
43.8	0.2489+0.0082i	0.1583−0.3356i	0.0383−0.2388i	0.1402−0.3237i	−0.0433+0.0717i	−0.0352+0.0895i	−0.0265+0.1190i	−0.1005+0.1272i
43.9	0.2499+0.0100i	0.1357−0.3250i	0.0120−0.2122i	0.1227−0.3326i	−0.0332+0.0710i	−0.0235+0.0872i	−0.0116+0.1111i	−0.0804+0.1301i
44.0	0.2520+0.0016i	0.1208−0.3137i	0.0103−0.1730i	0.1105−0.3483i	−0.0308+0.0686i	−0.0206+0.0825i	−0.0132+0.1040i	−0.0717+0.1267i
44.1	0.2441+0.0165i	0.1234−0.3287i	0.0246−0.1728i	0.0782−0.3333i	−0.0277+0.0695i	−0.0167+0.0824i	−0.0075+0.1079i	−0.0651+0.1217i
44.2	0.2417+0.0237i	0.1017−0.3259i	0.0202−0.1796i	0.0517−0.3037i	−0.0199+0.0698i	−0.0076+0.0806i	0.0080+0.1065i	−0.0565+0.1213i
44.3	0.2354+0.0295i	0.0992−0.3143i	0.0156−0.1737i	0.0253−0.2999i	−0.0103+0.0729i	0.0025+0.0818i	0.0218+0.1076i	−0.0396+0.1249i
44.4	0.2508+0.0307i	0.0880−0.2905i	0.0218−0.1541i	0.0181−0.2603i	−0.0055+0.0615i	0.0074+0.0680i	0.0241+0.0879i	−0.0280+0.1093i
44.5	0.2533+0.0254i	0.1062−0.2896i	0.0445−0.1535i	0.0388−0.2326i	−0.0087+0.0540i	0.0020+0.0596i	0.0156+0.0789i	−0.0349+0.0922i
44.6	0.2654+0.0491i	0.0879−0.3126i	0.0424−0.1694i	0.0313−0.2144i	−0.0044+0.0587i	0.0072+0.0647i	0.0280+0.0862i	−0.0317+0.0978i
44.7	0.2652+0.0565i	0.0816−0.2953i	0.0377−0.1720i	0.0306−0.1780i	−0.0001+0.0549i	0.0113+0.0590i	0.0353+0.0777i	−0.0261+0.0915i
44.8	0.2784+0.0741i	0.0881−0.3102i	0.0249−0.1769i	0.0682−0.1575i	−0.0032+0.0524i	0.0063+0.0558i	0.0281+0.0708i	−0.0335+0.0879i
44.9	0.2966+0.1102i	0.0784−0.3430i	−0.0101−0.1815i	0.1084−0.1613i	−0.0023+0.0546i	0.0076+0.0565i	0.0299+0.0697i	−0.0345+0.0909i
45.0	0.3002+0.1179i	0.0746−0.3465i	−0.0187−0.1446i	0.1182−0.1830i	0.0014+0.0551i	0.0111+0.0554i	0.0361+0.0655i	−0.0277+0.0957i
45.1	0.3252+0.1284i	0.0493−0.3665i	0.0025−0.1348i	0.0996−0.1941i	0.0056+0.0565i	0.0152+0.0565i	0.0390+0.0656i	−0.0171+0.0994i
45.2	0.3444+0.1328i	0.0268−0.3673i	0.0160−0.1503i	0.0943−0.1782i	0.0066+0.0568i	0.0168+0.0563i	0.0383+0.0668i	−0.0153+0.0987i
45.3	0.3767+0.1407i	−0.0022−0.3598i	0.0047−0.1610i	0.0874−0.1518i	0.0106+0.0573i	0.0208+0.0558i	0.0432+0.0652i	−0.0101+0.0977i
45.4	0.4065+0.1157i	−0.0198−0.3242i	−0.0107−0.1378i	0.0995−0.1113i	0.0161+0.0485i	0.0249+0.0443i	0.0480+0.0473i	−0.0017+0.0852i
45.5	0.4169+0.0844i	−0.0115−0.2857i	0.0007−0.1151i	0.1323−0.1004i	0.0116+0.0425i	0.0185+0.0371i	0.0363+0.0372i	−0.0054+0.0798i
45.6	0.4569+0.1106i	−0.0316−0.3211i	−0.0129−0.1323i	0.1662−0.1162i	0.0123+0.0520i	0.0195+0.0477i	0.0345+0.0493i	−0.0044+0.0948i
45.7	0.4811+0.0972i	−0.0615−0.3098i	−0.0205−0.1256i	0.1852−0.1247i	0.0182+0.0494i	0.0252+0.0443i	0.0411+0.0462i	0.0064+0.0892i
45.8	0.5016+0.0576i	−0.0917−0.2787i	−0.0335−0.1092i	0.1873−0.1497i	0.0188+0.0500i	0.0242+0.0446i	0.0384+0.0476i	0.0088+0.0918i
45.9	0.5324+0.0604i	−0.1256−0.2920i	−0.0452−0.0697i	0.1824−0.1602i	0.0280+0.0524i	0.0329+0.0454i	0.0468+0.0478i	0.0258+0.0974i
46.0	0.5454+0.0538i	−0.1492−0.2830i	−0.0166−0.0566i	0.1639−0.1567i	0.0359+0.0517i	0.0404+0.0441i	0.0519+0.0460i	0.0433+0.0959i
46.1	0.5538+0.0360i	−0.1626−0.2455i	0.0012−0.0685i	0.1504−0.1461i	0.0427+0.0481i	0.0462+0.0385i	0.0543+0.0430i	0.0570+0.0862i
46.2	0.5595+0.0013i	−0.1473−0.2172i	0.0104−0.0859i	0.1669−0.1247i	0.0418+0.0427i	0.0435+0.0332i	0.0515+0.0420i	0.0552+0.0723i
46.3	0.5551−0.0139i	−0.1451−0.2015i	−0.0018−0.0839i	0.1751−0.1317i	0.0405+0.0435i	0.0413+0.0339i	0.0510+0.0440i	0.0535+0.0710i
46.4	0.5509−0.0343i	−0.1355−0.1759i	0.0196−0.0737i	0.1736−0.1429i	0.0407+0.0400i	0.0406+0.0302i	0.0511+0.0424i	0.0541+0.0635i
46.5	0.5504−0.0582i	−0.1345−0.1576i	0.0328−0.0830i	0.1690−0.1302i	0.0435+0.0405i	0.0432+0.0307i	0.0539+0.0459i	0.0583+0.0636i
46.6	0.5608−0.0757i	−0.1457−0.1507i	0.0255−0.0875i	0.1768−0.1153i	0.0501+0.0386i	0.0496+0.0285i	0.0620+0.0453i	0.0699+0.0612i
46.7	0.5598−0.0804i	−0.1434−0.1411i	0.0201−0.0853i	0.1835−0.1191i	0.0515+0.0339i	0.0502+0.0248i	0.0633+0.0392i	0.0737+0.0532i
46.8	0.5383−0.1163i	−0.1330−0.1048i	0.0206−0.1081i	0.1776−0.0972i	0.0506+0.0332i	0.0488+0.0238i	0.0578+0.0443i	0.0722+0.0471i
46.9	0.5450−0.1228i	−0.1389−0.0851i	−0.0034−0.1032i	0.2079−0.0889i	0.0552+0.0304i	0.0525+0.0199i	0.0623+0.0450i	0.0798+0.0384i
47.0	0.5262−0.1284i	−0.1324−0.0683i	−0.0182−0.0869i	0.2120−0.0994i	0.0587+0.0254i	0.0546+0.0149i	0.0700+0.0394i	0.0841+0.0254i
47.1	0.5143−0.1464i	−0.1143−0.0635i	−0.0100−0.0817i	0.2179−0.1198i	0.0579+0.0243i	0.0529+0.0149i	0.0737+0.0421i	0.0830+0.0206i
47.2	0.5145−0.1649i	−0.1260−0.0464i	−0.0198−0.0792i	0.2178−0.1241i	0.0599+0.0223i	0.0546+0.0129i	0.0772+0.0417i	0.0853+0.0155i
47.3	0.5040−0.1653i	−0.1180−0.0375i	−0.0275−0.0649i	0.2194−0.1302i	0.0621+0.0180i	0.0569+0.0085i	0.0813+0.0346i	0.0852+0.0073i
47.4	0.4905−0.1643i	−0.1015−0.0261i	−0.0081−0.0441i	0.2145−0.1319i	0.0637+0.0138i	0.0580+0.0048i	0.0849+0.0283i	0.0880+0.0014i
47.5	0.4846−0.1687i	−0.0968−0.0054i	−0.0002−0.0354i	0.2073−0.1195i	0.0641+0.0107i	0.0585+0.0027i	0.0856+0.0268i	0.0891−0.0031i
47.6	0.4830−0.1645i	−0.0819+0.0080i	−0.0057−0.0324i	0.2426−0.1014i	0.0656+0.0102i	0.0596+0.0019i	0.0899+0.0274i	0.0952−0.0076i
47.7	0.4927−0.1763i	−0.0705+0.0215i	0.0105−0.0272i	0.2472−0.1380i	0.0641+0.0053i	0.0578−0.0028i	0.0878+0.0221i	0.0922−0.0217i
47.8	0.4752−0.1974i	−0.0599+0.0250i	0.0221−0.0156i	0.2290−0.1371i	0.0624+0.0040i	0.0558−0.0039i	0.0877+0.0256i	0.0845−0.0246i
47.9	0.4764−0.2058i	−0.0586+0.0424i	0.0195+0.0011i	0.2165−0.1312i	0.0639+0.0008i	0.0580−0.0072i	0.0941+0.0240i	0.0843−0.0283i
48.0	0.4642−0.1974i	−0.0440+0.0537i	0.0052+0.0064i	0.2063−0.1383i	0.0632−0.0020i	0.0583−0.0101i	0.0952+0.0198i	0.0821−0.0347i
48.1	0.4529−0.2119i	−0.0302+0.0673i	0.0332−0.0006i	0.1973−0.1315i	0.0606−0.0048i	0.0557−0.0130i	0.0930+0.0176i	0.0765−0.0422i
48.2	0.4558−0.2157i	−0.0141+0.0765i	0.0451−0.0176i	0.2023−0.1206i	0.0593−0.0070i	0.0538−0.0150i	0.0919+0.0201i	0.0701−0.0501i
48.3	0.4429−0.2230i	0.0083+0.0809i	0.0468−0.0135i	0.1915−0.1162i	0.0566−0.0102i	0.0507−0.0191i	0.0919+0.0168i	0.0602−0.0583i
48.4	0.4184−0.2124i	0.0375+0.0763i	0.0528−0.0203i	0.1968−0.0991i	0.0540−0.0086i	0.0486−0.0176i	0.0937+0.0177i	0.0544−0.0558i
48.5	0.4160−0.1998i	0.0411+0.0740i	0.0506−0.0147i	0.2129−0.0871i	0.0536−0.0078i	0.0485−0.0174i	0.0983+0.0208i	0.0483−0.0520i
48.6	0.4074−0.2031i	0.0517+0.0756i	0.0421−0.0357i	0.2198−0.0594i	0.0539−0.0093i	0.0476−0.0191i	0.1006+0.0172i	0.0452−0.0550i
48.7	0.4163−0.2054i	0.0690+0.0756i	0.0334−0.0269i	0.2512−0.0688i	0.0549−0.0102i	0.0478−0.0204i	0.1089+0.0164i	0.0437−0.0571i
48.8	0.4121−0.2101i	0.0818+0.0727i	0.0398−0.0013i	0.2505−0.1040i	0.0527−0.0112i	0.0460−0.0211i	0.1125+0.0097i	0.0329−0.0559i
48.9	0.3970−0.1992i	0.0960+0.0774i	0.0639+0.0052i	0.2193−0.0956i	0.0520−0.0096i	0.0453−0.0205i	0.1103+0.0054i	0.0298−0.0474i
49.0	0.3842−0.1935i	0.1035+0.0679i	0.0672−0.0087i	0.2152−0.0853i	0.0508−0.0088i	0.0439−0.0194i	0.1064+0.0042i	0.0294−0.0443i
49.1	0.3784−0.1839i	0.1192+0.0670i	0.0710−0.0064i	0.2165−0.0638i	0.0488−0.0070i	0.0423−0.0174i	0.1049+0.0077i	0.0251−0.0386i
49.2	0.3814−0.1846i	0.1255+0.0336i	0.0648−0.0228i	0.2438−0.0634i	0.0510−0.0075i	0.0444−0.0189i	0.1106+0.0038i	0.0309−0.0438i
49.3	0.3742−0.1902i	0.1128+0.0367i	0.0490−0.0286i	0.2395−0.0769i	0.0521−0.0105i	0.0453−0.0220i	0.1144−0.0008i	0.0297−0.0520i
49.4	0.3734−0.1844i	0.1082+0.0402i	0.0376−0.0191i	0.2295−0.0812i	0.0535−0.0095i	0.0464−0.0209i	0.1204+0.0009i	0.0243−0.0464i
49.5	0.3846−0.1771i	0.1407+0.0246i	0.0789−0.0209i	0.2489−0.0709i	0.0551−0.0106i	0.0475−0.0222i	0.1262−0.0055i	0.0303−0.0429i
49.6	0.3883−0.1530i	0.2104+0.0541i	0.1267−0.0014i	0.3164+0.0029i	0.0549−0.0083i	0.0438−0.0212i	0.1328−0.0003i	0.0349−0.0324i
49.7	0.3597−0.1684i	0.1624+0.0139i	0.0439−0.0556i	0.2893−0.0528i	0.0494−0.0102i	0.0399−0.0229i	0.1217−0.0087i	0.0118−0.0423i

49.8	0.3770-0.1786i	0.1454-0.0377i	0.0417-0.0802i	0.3020-0.1149i	0.0540-0.0115i	0.0457-0.0226i	0.1296-0.0188i	0.0209-0.0468i
49.9	0.3741-0.1695i	0.1329-0.0203i	0.0362-0.0544i	0.2465-0.1009i	0.0554-0.0113i	0.0478-0.0242i	0.1282-0.0247i	0.0206-0.0401i
50.0	0.3842-0.1753i	0.1182-0.0218i	0.0210-0.0555i	0.2366-0.0611i	0.0580-0.0111i	0.0490-0.0254i	0.1281-0.0232i	0.0249-0.0381i
50.1	0.3986-0.1571i	0.1518-0.0250i	0.0487-0.0518i	0.3050-0.0624i	0.0640-0.0099i	0.0538-0.0247i	0.1400-0.0240i	0.0390-0.0371i
50.2	0.4010-0.1485i	0.1454-0.0129i	0.0510-0.0269i	0.3254-0.0551i	0.0661-0.0113i	0.0549-0.0270i	0.1437-0.0277i	0.0409-0.0356i
50.3	0.4016-0.1484i	0.1556-0.0048i	0.0363-0.0196i	0.3329-0.0678i	0.0634-0.0129i	0.0520-0.0284i	0.1395-0.0334i	0.0362-0.0365i
50.4	0.3937-0.1343i	0.1460-0.0042i	0.0264-0.0037i	0.3365-0.0774i	0.0645-0.0120i	0.0535-0.0264i	0.1407-0.0333i	0.0396-0.0345i
50.5	0.3846-0.1399i	0.1423-0.0201i	0.0334+0.0130i	0.3361-0.0787i	0.0655-0.0119i	0.0539-0.0268i	0.1415-0.0332i	0.0422-0.0312i
50.6	0.3847-0.1510i	0.1755-0.0191i	0.0624+0.0298i	0.3177-0.0863i	0.0632-0.0176i	0.0519-0.0337i	0.1379-0.0454i	0.0377-0.0359i
50.7	0.4098-0.1465i	0.1686-0.0418i	0.0886+0.0263i	0.3170-0.0869i	0.0682-0.0163i	0.0549-0.0337i	0.1431-0.0446i	0.0453-0.0367i
50.8	0.4131-0.1191i	0.1922-0.0457i	0.0881+0.0034i	0.3473-0.0659i	0.0645-0.0102i	0.0501-0.0289i	0.1368-0.0371i	0.0364-0.0310i
50.9	0.3981-0.1215i	0.2043-0.0421i	0.0723-0.0291i	0.3614-0.0540i	0.0597-0.0128i	0.0455-0.0307i	0.1304-0.0434i	0.0271-0.0331i
51.0	0.4070-0.1206i	0.1862-0.0638i	0.0684-0.0296i	0.3593-0.0566i	0.0636-0.0105i	0.0486-0.0285i	0.1342-0.0424i	0.0366-0.0271i
51.1	0.4053-0.1227i	0.1900-0.0758i	0.0411-0.0056i	0.3901-0.0773i	0.0642-0.0097i	0.0489-0.0271i	0.1372-0.0413i	0.0358-0.0237i
51.2	0.4204-0.1087i	0.1796-0.0859i	0.0747+0.0237i	0.3642-0.1068i	0.0690-0.0078i	0.0540-0.0257i	0.1433-0.0448i	0.0425-0.0153i
51.3	0.4260-0.1272i	0.1686-0.0603i	0.1171-0.0205i	0.3555-0.0673i	0.0697-0.0164i	0.0531-0.0350i	0.1334-0.0613i	0.0498-0.0291i
51.4	0.4340-0.1275i	0.2007-0.0523i	0.0672-0.0616i	0.3980-0.0314i	0.0670-0.0185i	0.0493-0.0361i	0.1252-0.0564i	0.0436-0.0369i
51.5	0.4674-0.1325i	0.1939-0.1005i	0.0284-0.0207i	0.4354-0.0791i	0.0778-0.0166i	0.0595-0.0326i	0.1474-0.0464i	0.0598-0.0310i
51.6	0.4454-0.1175i	0.1771-0.1181i	0.0064+0.0203i	0.4404-0.1438i	0.0774-0.0119i	0.0605-0.0284i	0.1511-0.0463i	0.0597-0.0236i
51.7	0.4180-0.0860i	0.1765-0.1086i	0.0094+0.0483i	0.4166-0.1556i	0.0719-0.0078i	0.0567-0.0254i	0.1400-0.0469i	0.0521-0.0190i
51.8	0.4419-0.0899i	0.1671-0.1196i	0.0254+0.0681i	0.4229-0.1577i	0.0780-0.0054i	0.0606-0.0238i	0.1481-0.0454i	0.0627-0.0138i
51.9	0.4674-0.0844i	0.1561-0.1440i	0.0462+0.0593i	0.4299-0.1570i	0.0850-0.0026i	0.0657-0.0217i	0.1588-0.0433i	0.0709-0.0096i
52.0	0.4601-0.1112i	0.1730-0.1207i	0.0479+0.0521i	0.4376-0.1581i	0.0789-0.0132i	0.0601-0.0314i	0.1509-0.0604i	0.0614-0.0205i
52.1	0.4710-0.0886i	0.1599-0.1408i	0.0539+0.0862i	0.4491-0.1918i	0.0850-0.0056i	0.0657-0.0247i	0.1584-0.0522i	0.0744-0.0102i
52.2	0.5106-0.0804i	0.1288-0.1570i	0.0762+0.1157i	0.4163-0.2131i	0.0962-0.0035i	0.0771-0.0236i	0.1714-0.0517i	0.0951-0.0075i
52.3	0.5424-0.0935i	0.0966-0.1490i	0.1240+0.1065i	0.3756-0.2090i	0.1081-0.0102i	0.0875-0.0283i	0.1821-0.0599i	0.1169-0.0158i
52.4	0.5484-0.1125i	0.0876-0.1387i	0.1285+0.0866i	0.3921-0.1990i	0.1137-0.0161i	0.0908-0.0319i	0.1863-0.0630i	0.1264-0.0277i
52.5	0.5275-0.1415i	0.1022-0.1216i	0.1271+0.0878i	0.3856-0.2133i	0.1047-0.0263i	0.0832-0.0430i	0.1739-0.0806i	0.1128-0.0417i
52.6	0.5465-0.1563i	0.0856-0.1293i	0.1583+0.0865i	0.3580-0.2200i	0.1087-0.0300i	0.0882-0.0481i	0.1785-0.0874i	0.1183-0.0506i
52.7	0.5729-0.1287i	0.0812-0.1550i	0.1704+0.0573i	0.3734-0.2022i	0.1201-0.0174i	0.0989-0.0344i	0.1900-0.0609i	0.1414-0.0380i
52.8	0.5429-0.1516i	0.1062-0.1285i	0.1636+0.0486i	0.3676-0.1996i	0.1099-0.0268i	0.0870-0.0443i	0.1727-0.0720i	0.1246-0.0535i
52.9	0.5482-0.1453i	0.0904-0.1401i	0.1554+0.0302i	0.3666-0.1822i	0.1154-0.0215i	0.0920-0.0387i	0.1860-0.0607i	0.1292-0.0510i
53.0	0.5773-0.1434i	0.0615-0.1528i	0.1301+0.0274i	0.3843-0.1887i	0.1312-0.0207i	0.1074-0.0373i	0.2142-0.0619i	0.1479-0.0501i
53.1	0.5806-0.1876i	0.0600-0.1096i	0.1205+0.0401i	0.3767-0.1974i	0.1302-0.0436i	0.1066-0.0618i	0.2121-0.1014i	0.1457-0.0814i
53.2	0.6148-0.1891i	0.0209-0.1140i	0.1344+0.0700i	0.3602-0.2139i	0.1473-0.0467i	0.1245-0.0667i	0.2410-0.1082i	0.1686-0.0916i
53.3	0.5868-0.2020i	0.0326-0.0918i	0.1379+0.0802i	0.3595-0.2067i	0.1383-0.0512i	0.1139-0.0724i	0.2239-0.1189i	0.1550-0.0979i
53.4	0.5898-0.2324i	0.0280-0.0493i	0.1511+0.0754i	0.3557-0.1942i	0.1408-0.0686i	0.1148-0.0896i	0.2249-0.1455i	0.1565-0.1225i
53.5	0.6147-0.2413i	0.0105-0.0467i	0.1576+0.0701i	0.3676-0.1932i	0.1539-0.0761i	0.1263-0.0966i	0.2428-0.1519i	0.1755-0.1396i
53.6	0.6329-0.2363i	0.0083-0.0583i	0.1604+0.0666i	0.3818-0.2073i	0.1580-0.0753i	0.1296-0.0952i	0.2530-0.1498i	0.1790-0.1399i
53.7	0.5994-0.2559i	0.0553-0.0511i	0.1561+0.0636i	0.3996-0.2047i	0.1402-0.0812i	0.1115-0.1005i	0.2247-0.1601i	0.1527-0.1452i
53.8	0.6418-0.2908i	0.0152-0.0379i	0.1391+0.0844i	0.4154-0.2411i	0.1620-0.0963i	0.1337-0.1160i	0.2630-0.1832i	0.1809-0.1721i
53.9	0.6263-0.3304i	0.0260+0.0029i	0.1604+0.1204i	0.3896-0.2666i	0.1524-0.1189i	0.1235-0.1393i	0.2467-0.2245i	0.1638-0.2006i
54.0	0.6016-0.3307i	0.0342-0.0052i	0.1990+0.1108i	0.3538-0.2667i	0.1472-0.1203i	0.1165-0.1404i	0.2318-0.2242i	0.1605-0.2046i
54.1	0.5841-0.3054i	0.0394-0.0370i	0.2079+0.1001i	0.3472-0.2580i	0.1493-0.1095i	0.1156-0.1283i	0.2309-0.2005i	0.1638-0.1952i
54.2	0.5776-0.3537i	0.0295+0.0083i	0.1957+0.1010i	0.3435-0.2599i	0.1471-0.1390i	0.1135-0.1583i	0.2344-0.2491i	0.1501-0.2382i
54.3	0.5688-0.3765i	0.0312+0.0402i	0.2128+0.1285i	0.3274-0.2781i	0.1417-0.1578i	0.1070-0.1776i	0.2271-0.2837i	0.1339-0.2616i
54.4	0.5451-0.3959i	0.0608+0.0577i	0.2592+0.1239i	0.3054-0.2630i	0.1230-0.1717i	0.0867-0.1906i	0.1952-0.3058i	0.1031-0.2788i
54.5	0.5383-0.4323i	0.0628+0.0846i	0.2850+0.0976i	0.2892-0.2482i	0.1147-0.1946i	0.0789-0.2119i	0.1853-0.3396i	0.0859-0.3126i
54.6	0.5246-0.4169i	0.0793+0.0685i	0.3057+0.0781i	0.2835-0.2462i	0.1057-0.1842i	0.0695-0.2001i	0.1715-0.3234i	0.0757-0.2945i
54.7	0.5263-0.3993i	0.0852+0.0588i	0.3007+0.0507i	0.2815-0.2253i	0.1080-0.1793i	0.0701-0.1947i	0.1746-0.3135i	0.0757-0.2879i
54.8	0.5195-0.4397i	0.0907+0.0822i	0.2814+0.0425i	0.2890-0.2275i	0.0977-0.2018i	0.0605-0.2163i	0.1635-0.3527i	0.0535-0.3166i
54.9	0.4944-0.4301i	0.1141+0.0725i	0.2951+0.0598i	0.2867-0.2383i	0.0854-0.1986i	0.0483-0.2126i	0.1429-0.3524i	0.0363-0.3066i
55.0	0.4604-0.4334i	0.1414+0.0825i	0.3132+0.0510i	0.2827-0.2220i	0.0649-0.2021i	0.0272-0.2156i	0.1071-0.3597i	0.0052-0.3083i
55.1	0.4541-0.4364i	0.1491+0.0855i	0.3252+0.0318i	0.2727-0.2189i	0.0605-0.2068i	0.0210-0.2199i	0.0973-0.3668i	-0.0010-0.3127i
55.2	0.4439-0.4351i	0.1527+0.0785i	0.3331+0.0212i	0.2762-0.2077i	0.0528-0.2104i	0.0125-0.2225i	0.0826-0.3744i	-0.0131-0.3152i
55.3	0.3997-0.4264i	0.1894+0.0882i	0.3406+0.0068i	0.2712-0.1997i	0.0243-0.2065i	-0.0156-0.2184i	0.0355-0.3705i	-0.0538-0.3049i
55.4	0.3460-0.4239i	0.2405+0.1035i	0.3282-0.0116i	0.2720-0.1848i	-0.0129-0.2024i	-0.0529-0.2131i	-0.0265-0.3621i	-0.1088-0.2939i
55.5	0.3601-0.4192i	0.2221+0.0951i	0.3178-0.0098i	0.2823-0.1871i	-0.0036-0.2060i	-0.0447-0.2164i	-0.0124-0.3660i	-0.0959-0.3009i
55.6	0.3584-0.4292i	0.2309+0.0954i	0.3367-0.0044i	0.2735-0.1998i	-0.0112-0.2134i	-0.0530-0.2222i	-0.0233-0.3779i	-0.1087-0.3094i
55.7	0.3263-0.4039i	0.2659+0.0811i	0.3377-0.0262i	0.2714-0.1824i	-0.0345-0.1972i	-0.0748-0.2058i	-0.0597-0.3528i	-0.1399-0.2796i
55.8	0.3011-0.4131i	0.2850+0.0848i	0.3424-0.0276i	0.2601-0.1767i	-0.0557-0.2011i	-0.0951-0.2085i	-0.0945-0.3591i	-0.1726-0.2793i
55.9	0.2776-0.3870i	0.2994+0.0764i	0.3356-0.0392i	0.2426-0.1613i	-0.0763-0.1851i	-0.1141-0.1924i	-0.1313-0.3351i	-0.1974-0.2520i
56.0	0.2877-0.3605i	0.3045+0.0456i	0.3318-0.0508i	0.2594-0.1548i	-0.0691-0.1679i	-0.1070-0.1763i	-0.1197-0.3093i	-0.1864-0.2260i

56.1	0.2681−0.3283i	0.3176+0.0128i	0.3282−0.0530i	0.2699−0.1465i	−0.0757−0.1420i	−0.1130−0.1514i	−0.1305−0.2675i	−0.1894−0.1876i
56.2	0.2796−0.3273i	0.3009+0.0114i	0.3317−0.0567i	0.2591−0.1518i	−0.0743−0.1471i	−0.1118−0.1557i	−0.1304−0.2758i	−0.1878−0.1959i
56.3	0.2927−0.3130i	0.3021+0.0096i	0.3375−0.0673i	0.2527−0.1354i	−0.0750−0.1421i	−0.1130−0.1494i	−0.1330−0.2665i	−0.1895−0.1877i
56.4	0.2920−0.3009i	0.3057−0.0037i	0.3337−0.0695i	0.2566−0.1240i	−0.0788−0.1340i	−0.1162−0.1413i	−0.1384−0.2534i	−0.1924−0.1765i
56.5	0.2886−0.2903i	0.3041−0.0154i	0.3317−0.0732i	0.2648−0.1208i	−0.0800−0.1266i	−0.1183−0.1342i	−0.1438−0.2408i	−0.1939−0.1656i
56.6	0.2822−0.2759i	0.3092−0.0229i	0.3346−0.0802i	0.2618−0.1061i	−0.0846−0.1161i	−0.1222−0.1241i	−0.1518−0.2240i	−0.1982−0.1509i
56.7	0.2971−0.2593i	0.3045−0.0326i	0.3359−0.0949i	0.2713−0.0939i	−0.0796−0.1068i	−0.1180−0.1144i	−0.1447−0.2091i	−0.1883−0.1397i
56.8	0.2993−0.2554i	0.3137−0.0356i	0.3368−0.1022i	0.2767−0.0937i	−0.0831−0.0998i	−0.1223−0.1061i	−0.1520−0.1966i	−0.1963−0.1261i
56.9	0.2965−0.2492i	0.3178−0.0479i	0.3439−0.1083i	0.2833−0.0894i	−0.0830−0.0925i	−0.1211−0.0991i	−0.1489−0.1831i	−0.1939−0.1122i
57.0	0.3131−0.2369i	0.3087−0.0604i	0.3348−0.1196i	0.2968−0.0700i	−0.0766−0.0876i	−0.1163−0.0952i	−0.1396−0.1765i	−0.1825−0.1079i
57.1	0.3261−0.2282i	0.3096−0.0701i	0.3256−0.1410i	0.3146−0.0621i	−0.0705−0.0748i	−0.1117−0.0826i	−0.1339−0.1573i	−0.1723−0.0913i
57.2	0.3177−0.2158i	0.3127−0.0673i	0.3027−0.1463i	0.3298−0.0471i	−0.0760−0.0643i	−0.1161−0.0723i	−0.1437−0.1361i	−0.1782−0.0781i
57.3	0.3224−0.2231i	0.3120−0.0691i	0.3183−0.1274i	0.3215−0.0557i	−0.0763−0.0663i	−0.1166−0.0751i	−0.1428−0.1372i	−0.1812−0.0822i
57.4	0.3325−0.2093i	0.3155−0.0822i	0.3329−0.1264i	0.3408−0.0488i	−0.0707−0.0577i	−0.1125−0.0649i	−0.1319−0.1227i	−0.1763−0.0681i
57.5	0.3466−0.2015i	0.3147−0.0973i	0.3183−0.1423i	0.3547−0.0469i	−0.0633−0.0526i	−0.1051−0.0605i	−0.1204−0.1163i	−0.1642−0.0626i
57.6	0.3427−0.1984i	0.3138−0.0930i	0.3107−0.1482i	0.3594−0.0418i	−0.0632−0.0496i	−0.1056−0.0587i	−0.1220−0.1103i	−0.1647−0.0567i
57.7	0.3420−0.1998i	0.3050−0.0884i	0.3105−0.1510i	0.3629−0.0380i	−0.0607−0.0519i	−0.1030−0.0598i	−0.1185−0.1133i	−0.1600−0.0599i
57.8	0.3466−0.1961i	0.3021−0.1115i	0.3093−0.1588i	0.3739−0.0492i	−0.0541−0.0450i	−0.0970−0.0522i	−0.1070−0.1040i	−0.1495−0.0506i
57.9	0.3566−0.1885i	0.3088−0.1160i	0.3129−0.1681i	0.3841−0.0450i	−0.0514−0.0390i	−0.0951−0.0453i	−0.1027−0.0937i	−0.1473−0.0419i
58.0	0.3661−0.1870i	0.3074−0.1129i	0.3062−0.1700i	0.4041−0.0412i	−0.0509−0.0352i	−0.0955−0.0411i	−0.1030−0.0864i	−0.1492−0.0353i
58.1	0.3654−0.1806i	0.3031−0.1039i	0.2987−0.1620i	0.4091−0.0376i	−0.0537−0.0339i	−0.0990−0.0399i	−0.1058−0.0837i	−0.1547−0.0316i
58.2	0.3806−0.1775i	0.2995−0.1197i	0.3008−0.1656i	0.4218−0.0526i	−0.0442−0.0330i	−0.0901−0.0387i	−0.0894−0.0844i	−0.1410−0.0294i
58.3	0.3852−0.1835i	0.2943−0.1330i	0.3029−0.1677i	0.4215−0.0594i	−0.0393−0.0321i	−0.0841−0.0373i	−0.0827−0.0824i	−0.1326−0.0280i
58.4	0.3934−0.1769i	0.2949−0.1422i	0.2983−0.1692i	0.4290−0.0681i	−0.0339−0.0308i	−0.0792−0.0359i	−0.0752−0.0820i	−0.1245−0.0251i
58.5	0.3981−0.1736i	0.2925−0.1399i	0.2985−0.1732i	0.4394−0.0693i	−0.0307−0.0286i	−0.0777−0.0338i	−0.0715−0.0795i	−0.1196−0.0209i
58.6	0.4149−0.1816i	0.2912−0.1399i	0.2995−0.1676i	0.4384−0.0752i	−0.0263−0.0312i	−0.0746−0.0349i	−0.0665−0.0823i	−0.1111−0.0260i
58.7	0.4251−0.1847i	0.2915−0.1566i	0.3012−0.1708i	0.4483−0.0876i	−0.0223−0.0294i	−0.0709−0.0329i	−0.0604−0.0813i	−0.1070−0.0220i
58.8	0.4278−0.1909i	0.2818−0.1479i	0.3028−0.1750i	0.4521−0.0907i	−0.0214−0.0324i	−0.0703−0.0356i	−0.0602−0.0848i	−0.1047−0.0246i
58.9	0.4303−0.1890i	0.2857−0.1451i	0.2963−0.1802i	0.4546−0.0853i	−0.0205−0.0323i	−0.0709−0.0359i	−0.0611−0.0843i	−0.1031−0.0241i
59.0	0.4308−0.1844i	0.2769−0.1485i	0.2962−0.1806i	0.4522−0.0814i	−0.0200−0.0320i	−0.0697−0.0345i	−0.0599−0.0828i	−0.1001−0.0230i
59.1	0.4259−0.1940i	0.2774−0.1592i	0.3003−0.1882i	0.4511−0.0881i	−0.0168−0.0342i	−0.0660−0.0346i	−0.0586−0.0842i	−0.0953−0.0268i
59.2	0.4357−0.1931i	0.2810−0.1570i	0.3095−0.2065i	0.4518−0.0913i	−0.0141−0.0366i	−0.0658−0.0375i	−0.0567−0.0883i	−0.0930−0.0316i
59.3	0.4376−0.2011i	0.2800−0.1613i	0.3035−0.2041i	0.4557−0.0957i	−0.0170−0.0383i	−0.0678−0.0393i	−0.0588−0.0900i	−0.0976−0.0329i
59.4	0.4438−0.2029i	0.2690−0.1625i	0.3081−0.2013i	0.4417−0.0924i	−0.0232−0.0384i	−0.0731−0.0391i	−0.0698−0.0884i	−0.1058−0.0321i
59.5	0.4548−0.1965i	0.2724−0.1623i	0.3162−0.2129i	0.4416−0.0807i	−0.0240−0.0346i	−0.0747−0.0342i	−0.0729−0.0811i	−0.1070−0.0276i
59.6	0.4527−0.2035i	0.2705−0.1640i	0.3119−0.2286i	0.4518−0.0848i	−0.0224−0.0325i	−0.0731−0.0310i	−0.0719−0.0753i	−0.1033−0.0230i
59.7	0.4548−0.2103i	0.2551−0.1621i	0.2957−0.2397i	0.4636−0.0879i	−0.0207−0.0343i	−0.0703−0.0311i	−0.0695−0.0763i	−0.1021−0.0255i
59.8	0.4642−0.2042i	0.2533−0.1542i	0.2906−0.2511i	0.4622−0.0813i	−0.0192−0.0344i	−0.0705−0.0298i	−0.0681−0.0733i	−0.1006−0.0250i
59.9	0.5366−0.2436i	0.3336−0.2076i	0.2865−0.2975i	0.4375−0.0976i	−0.0246−0.0330i	−0.0768−0.0283i	−0.0734−0.0698i	−0.1061−0.0268i
60.0	0.6167−0.3370i	0.4240−0.3214i	0.2320−0.3888i	0.4271−0.1204i	−0.0295−0.0389i	−0.0815−0.0324i	−0.0752−0.0735i	−0.1117−0.0415i
60.1	0.5144−0.2030i	0.3224−0.1769i	0.2732−0.3060i	0.4831−0.0814i	−0.0231−0.0267i	−0.0740−0.0199i	−0.0687−0.0559i	−0.1053−0.0143i
60.2	0.4563−0.2095i	0.2378−0.1704i	0.2383−0.2739i	0.4976−0.0569i	−0.0194−0.0178i	−0.0697−0.0107i	−0.0619−0.0430i	−0.1025+0.0002i
60.3	0.4547−0.2069i	0.2340−0.1582i	0.2262−0.2657i	0.4985−0.0675i	−0.0198−0.0145i	−0.0690−0.0073i	−0.0602−0.0386i	−0.1025+0.0078i
60.4	0.4576−0.1990i	0.2365−0.1476i	0.2272−0.2617i	0.4963−0.0679i	−0.0160−0.0141i	−0.0645−0.0061i	−0.0540−0.0351i	−0.0940+0.0074i
60.5	0.4621−0.2019i	0.2349−0.1348i	0.2209−0.2566i	0.5099−0.0592i	−0.0126−0.0125i	−0.0599−0.0046i	−0.0463−0.0307i	−0.0888+0.0083i
60.6	0.4578−0.1946i	0.2429−0.1306i	0.2128−0.2444i	0.5205−0.0620i	−0.0102−0.0064i	−0.0577−0.0001i	−0.0426−0.0229i	−0.0854+0.0174i
60.7	0.4687−0.1884i	0.2507−0.1322i	0.2166−0.2339i	0.5381−0.0563i	−0.0092−0.0030i	−0.0561+0.0039i	−0.0386−0.0191i	−0.0838+0.0235i
60.8	0.4742−0.1840i	0.2535−0.1349i	0.2088−0.2203i	0.5523−0.0593i	−0.0037−0.0055i	−0.0506+0.0019i	−0.0284−0.0224i	−0.0783+0.0208i
60.9	0.4732−0.1788i	0.2642−0.1359i	0.1907−0.2292i	0.5677−0.0525i	0.0007+0.0019i	−0.0454+0.0086i	−0.0186−0.0092i	−0.0688+0.0316i
61.0	0.4782−0.1746i	0.2697−0.1424i	0.1848−0.2182i	0.5887−0.0567i	0.0090+0.0046i	−0.0379+0.0107i	−0.0030−0.0064i	−0.0578+0.0358i
61.1	0.4943−0.1787i	0.2676−0.1417i	0.1999−0.2081i	0.5879−0.0739i	0.0140−0.0031i	−0.0327+0.0050i	0.0046−0.0184i	−0.0503+0.0256i
61.2	0.5025−0.1763i	0.2646−0.1376i	0.1958−0.2066i	0.5954−0.0821i	0.0167−0.0042i	−0.0307+0.0036i	0.0071−0.0219i	−0.0441+0.0216i
61.3	0.5123−0.1730i	0.2823−0.1252i	0.1938−0.1998i	0.6130−0.0800i	0.0205−0.0016i	−0.0262+0.0056i	0.0135−0.0193i	−0.0413+0.0244i
61.4	0.5191−0.1711i	0.2903−0.1284i	0.2084−0.1894i	0.6059−0.0846i	0.0205−0.0031i	−0.0262+0.0039i	0.0147−0.0223i	−0.0404+0.0274i
61.5	0.5195−0.1699i	0.2977−0.1302i	0.2140−0.1763i	0.6015−0.1067i	0.0244−0.0060i	−0.0220+0.0011i	0.0218−0.0284i	−0.0308+0.0226i
61.6	0.5295−0.1706i	0.3010−0.1305i	0.2171−0.1732i	0.6084−0.1063i	0.0299−0.0061i	−0.0179+0.0014i	0.0284−0.0283i	−0.0204+0.0184i
61.7	0.5348−0.1747i	0.3030−0.1370i	0.2218−0.1723i	0.6174−0.1043i	0.0327−0.0061i	−0.0161+0.0001i	0.0287−0.0306i	−0.0191+0.0198i
61.8	0.5388−0.1748i	0.3063−0.1426i	0.2205−0.1808i	0.6303−0.1134i	0.0369−0.0048i	−0.0130+0.0015i	0.0327−0.0293i	−0.0125+0.0233i
61.9	0.5442−0.1682i	0.3076−0.1442i	0.2271−0.1837i	0.6377−0.1105i	0.0402−0.0038i	−0.0096+0.0030i	0.0387−0.0266i	−0.0064+0.0227i
62.0	0.5532−0.1685i	0.3163−0.1461i	0.2354−0.1717i	0.6488−0.1187i	0.0462−0.0052i	−0.0035−0.0000i	0.0499−0.0281i	0.0035+0.0189i
62.1	0.5641−0.1718i	0.3194−0.1508i	0.2358−0.1741i	0.6489−0.1175i	0.0440−0.0074i	−0.0059−0.0025i	0.0455−0.0326i	0.0019+0.0128i
62.2	0.5730−0.1698i	0.3254−0.1583i	0.2471−0.1666i	0.6453−0.1234i	0.0471−0.0094i	−0.0021−0.0033i	0.0498−0.0346i	0.0069+0.0110i
62.3	0.5682−0.1711i	0.3358−0.1510i	0.2549−0.1657i	0.6461−0.1291i	0.0518−0.0135i	0.0006−0.0058i	0.0580−0.0375i	0.0128+0.0081i

62.4	0.5738-0.1863i	0.3408-0.1446i	0.2519-0.1585i	0.6684-0.1242i	0.0551-0.0143i	0.0024-0.0082i	0.0640-0.0389i	0.0135+0.0007i
62.5	0.5932-0.1891i	0.3388-0.1533i	0.2761-0.1704i	0.6650-0.1268i	0.0609-0.0198i	0.0082-0.0144i	0.0701-0.0473i	0.0227-0.0122i
62.6	0.5964-0.1850i	0.3440-0.1527i	0.2825-0.1838i	0.6623-0.1300i	0.0636-0.0251i	0.0118-0.0185i	0.0750-0.0544i	0.0268-0.0210i
62.7	0.5986-0.1762i	0.3671-0.1538i	0.2844-0.1741i	0.6733-0.1330i	0.0657-0.0262i	0.0131-0.0198i	0.0798-0.0556i	0.0281-0.0234i
62.8	0.6113-0.1764i	0.3729-0.1652i	0.2885-0.1842i	0.6850-0.1343i	0.0666-0.0253i	0.0131-0.0190i	0.0819-0.0543i	0.0289-0.0233i
62.9	0.6158-0.1876i	0.3747-0.1759i	0.2819-0.1879i	0.6937-0.1452i	0.0659-0.0286i	0.0115-0.0225i	0.0822-0.0603i	0.0274-0.0314i
63.0	0.6256-0.1864i	0.3716-0.1852i	0.2877-0.2022i	0.7086-0.1351i	0.0723-0.0308i	0.0158-0.0227i	0.0897-0.0578i	0.0314-0.0348i
63.1	0.6225-0.1783i	0.3689-0.1896i	0.3079-0.2011i	0.7075-0.1448i	0.0713-0.0347i	0.0136-0.0255i	0.0871-0.0661i	0.0276-0.0392i
63.2	0.6366-0.1951i	0.3700-0.1982i	0.3061-0.1998i	0.7050-0.1542i	0.0702-0.0408i	0.0136-0.0322i	0.0894-0.0765i	0.0241-0.0488i
63.3	0.6492-0.1952i	0.3773-0.2047i	0.2977-0.2068i	0.7129-0.1515i	0.0760-0.0448i	0.0200-0.0364i	0.1027-0.0820i	0.0312-0.0574i
63.4	0.6561-0.1843i	0.3927-0.2130i	0.2946-0.2122i	0.7298-0.1426i	0.0825-0.0486i	0.0254-0.0397i	0.1161-0.0890i	0.0412-0.0657i
63.5	0.6589-0.1917i	0.3870-0.2088i	0.3045-0.2113i	0.7314-0.1451i	0.0791-0.0494i	0.0216-0.0399i	0.1090-0.0909i	0.0328-0.0658i
63.6	0.6757-0.1854i	0.3807-0.2177i	0.3117-0.2229i	0.7353-0.1513i	0.0813-0.0541i	0.0236-0.0456i	0.1146-0.0972i	0.0331-0.0749i
63.7	0.6921-0.1962i	0.3952-0.2383i	0.3174-0.2379i	0.7577-0.1583i	0.0838-0.0623i	0.0248-0.0522i	0.1223-0.1093i	0.0330-0.0868i
63.8	0.7010-0.1944i	0.4004-0.2480i	0.3136-0.2364i	0.7813-0.1600i	0.0836-0.0708i	0.0237-0.0601i	0.1249-0.1241i	0.0265-0.0995i
63.9	0.7150-0.1958i	0.4052-0.2533i	0.3256-0.2383i	0.7949-0.1609i	0.0848-0.0738i	0.0247-0.0626i	0.1262-0.1284i	0.0258-0.1039i
64.0	0.7256-0.1859i	0.4066-0.2521i	0.3321-0.2376i	0.8021-0.1472i	0.0850-0.0784i	0.0231-0.0673i	0.1272-0.1349i	0.0237-0.1115i
64.1	0.7402-0.1828i	0.4080-0.2578i	0.3360-0.2534i	0.8032-0.1485i	0.0855-0.0877i	0.0225-0.0765i	0.1292-0.1497i	0.0206-0.1264i
64.2	0.7570-0.1981i	0.4133-0.2679i	0.3315-0.2631i	0.8305-0.1553i	0.0828-0.0922i	0.0200-0.0792i	0.1270-0.1601i	0.0075-0.1284i
64.3	0.7712-0.2053i	0.4088-0.2830i	0.3321-0.2729i	0.8500-0.1692i	0.0821-0.0960i	0.0177-0.0814i	0.1279-0.1668i	0.0054-0.1318i
64.4	0.7864-0.2068i	0.3995-0.2860i	0.3346-0.2762i	0.8603-0.1676i	0.0782-0.1025i	0.0139-0.0872i	0.1239-0.1790i	-0.0031-0.1387i
64.5	0.7991-0.2099i	0.4114-0.2828i	0.3399-0.2731i	0.8710-0.1749i	0.0761-0.1100i	0.0126-0.0947i	0.1220-0.1935i	-0.0109-0.1487i
64.6	0.8110-0.2169i	0.4157-0.2956i	0.3347-0.2874i	0.8951-0.1858i	0.0760-0.1115i	0.0105-0.0972i	0.1204-0.1988i	-0.0148-0.1509i
64.7	0.8265-0.2203i	0.4239-0.2880i	0.3191-0.2915i	0.9136-0.1891i	0.0703-0.1140i	0.0034-0.0998i	0.1138-0.2056i	-0.0256-0.1497i
64.8	0.8604-0.2197i	0.4298-0.2925i	0.3300-0.2867i	0.9445-0.1920i	0.0690-0.1190i	0.0010-0.1050i	0.1132-0.2178i	-0.0319-0.1594i
64.9	0.8712-0.2485i	0.4234-0.3128i	0.3116-0.3014i	0.9707-0.2147i	0.0589-0.1221i	-0.0080-0.1053i	0.0975-0.2281i	-0.0523-0.1546i
65.0	0.8887-0.2599i	0.4335-0.3302i	0.3046-0.3142i	0.9966-0.2353i	0.0531-0.1208i	-0.0141-0.1026i	0.0908-0.2283i	-0.0634-0.1457i
65.1	0.9032-0.2538i	0.4287-0.3437i	0.3131-0.3218i	1.0097-0.2450i	0.0510-0.1227i	-0.0171-0.1037i	0.0868-0.2320i	-0.0645-0.1449i
65.2	0.9053-0.2686i	0.4346-0.3463i	0.3142-0.3149i	1.0245-0.2604i	0.0488-0.1197i	-0.0196-0.1002i	0.0781-0.2295i	-0.0642-0.1373i
65.3	0.9289-0.3005i	0.4414-0.3533i	0.3061-0.3108i	1.0535-0.2878i	0.0420-0.1216i	-0.0270-0.1026i	0.0630-0.2399i	-0.0736-0.1308i
65.4	0.9422-0.3062i	0.4396-0.3679i	0.2982-0.3044i	1.0702-0.3230i	0.0357-0.1259i	-0.0351-0.1055i	0.0518-0.2478i	-0.0876-0.1313i
65.5	0.9797-0.3226i	0.4271-0.3767i	0.3126-0.3251i	1.0815-0.3326i	0.0283-0.1361i	-0.0441-0.1139i	0.0400-0.2609i	-0.1086-0.1446i
65.6	0.9853-0.3339i	0.4336-0.3947i	0.3034-0.3217i	1.0996-0.3540i	0.0298-0.1277i	-0.0414-0.1037i	0.0418-0.2477i	-0.0977-0.1316i
65.7	0.9865-0.3417i	0.4341-0.3893i	0.2952-0.3070i	1.1109-0.3838i	0.0281-0.1281i	-0.0441-0.1041i	0.0388-0.2518i	-0.1019-0.1300i
65.8	1.0185-0.3609i	0.4340-0.3883i	0.2873-0.2930i	1.1345-0.4089i	0.0241-0.1275i	-0.0494-0.1020i	0.0320-0.2525i	-0.1164-0.1244i
65.9	1.0345-0.3911i	0.4356-0.4011i	0.3044-0.3015i	1.1550-0.4487i	0.0195-0.1227i	-0.0551-0.0981i	0.0198-0.2494i	-0.1195-0.1156i
66.0	1.0475-0.4220i	0.4388-0.4190i	0.3125-0.3064i	1.1751-0.4874i	0.0219-0.1221i	-0.0544-0.0964i	0.0210-0.2493i	-0.1141-0.1084i
66.1	1.0584-0.4436i	0.4458-0.4266i	0.3219-0.2986i	1.1762-0.5013i	0.0212-0.1203i	-0.0554-0.0932i	0.0184-0.2452i	-0.1115-0.1038i
66.2	1.0763-0.4825i	0.4452-0.4333i	0.3281-0.3236i	1.1821-0.5361i	0.0177-0.1188i	-0.0591-0.0909i	0.0118-0.2435i	-0.1176-0.0991i
66.3	1.0931-0.4953i	0.4411-0.4441i	0.3335-0.3308i	1.1912-0.5660i	0.0154-0.1209i	-0.0624-0.0926i	0.0049-0.2452i	-0.1198-0.1017i
66.4	1.1086-0.5026i	0.4465-0.4380i	0.3575-0.3253i	1.2118-0.5761i	0.0109-0.1173i	-0.0679-0.0876i	-0.0040-0.2379i	-0.1301-0.0913i
66.5	1.1192-0.5373i	0.4639-0.4329i	0.3677-0.3191i	1.2202-0.6063i	0.0106-0.1161i	-0.0703-0.0844i	-0.0039-0.2339i	-0.1295-0.0892i
66.6	1.0977-0.5667i	0.4598-0.4543i	0.3657-0.3080i	1.2096-0.6560i	0.0141-0.1156i	-0.0681-0.0812i	-0.0005-0.2320i	-0.1222-0.0864i
66.7	1.0832-0.5870i	0.4602-0.4680i	0.3637-0.3222i	1.2008-0.6887i	0.0196-0.1151i	-0.0617-0.0796i	0.0098-0.2299i	-0.1200-0.0851i
66.8	1.0881-0.6384i	0.4647-0.4764i	0.3748-0.3342i	1.2104-0.7330i	0.0174-0.1126i	-0.0649-0.0742i	0.0066-0.2258i	-0.1268-0.0777i
66.9	1.1177-0.6517i	0.4743-0.5022i	0.3872-0.3394i	1.2154-0.7672i	0.0188-0.1162i	-0.0668-0.0749i	0.0090-0.2305i	-0.1307-0.0768i
67.0	1.1485-0.6643i	0.4832-0.5325i	0.4062-0.3399i	1.2197-0.8024i	0.0168-0.1208i	-0.0696-0.0782i	0.0076-0.2444i	-0.1329-0.0777i
67.1	1.1577-0.6815i	0.4930-0.5494i	0.4129-0.3428i	1.2361-0.8466i	0.0196-0.1220i	-0.0685-0.0774i	0.0095-0.2500i	-0.1314-0.0736i
67.2	1.1500-0.7233i	0.4892-0.5549i	0.4142-0.3665i	1.2211-0.8679i	0.0175-0.1168i	-0.0691-0.0706i	0.0030-0.2392i	-0.1279-0.0621i
67.3	1.1348-0.7692i	0.4735-0.5674i	0.4301-0.3828i	1.1972-0.9057i	0.0165-0.1178i	-0.0683-0.0683i	0.0004-0.2400i	-0.1254-0.0606i
67.4	1.1673-0.8060i	0.4873-0.5985i	0.4561-0.4040i	1.2064-0.9606i	0.0149-0.1231i	-0.0716-0.0692i	-0.0040-0.2478i	-0.1308-0.0611i
67.5	1.1719-0.8226i	0.4883-0.6177i	0.4699-0.4002i	1.1799-0.9871i	0.0178-0.1312i	-0.0698-0.0751i	0.0031-0.2598i	-0.1325-0.0743i
67.6	1.1399-0.8715i	0.4543-0.6266i	0.4666-0.4159i	1.1439-1.0244i	0.0140-0.1285i	-0.0725-0.0712i	-0.0069-0.2556i	-0.1409-0.0658i
67.7	1.1317-0.9089i	0.4477-0.6588i	0.4563-0.4296i	1.1365-1.0745i	0.0125-0.1329i	-0.0734-0.0734i	-0.0083-0.2635i	-0.1411-0.0681i
67.8	1.1358-0.9361i	0.4472-0.6920i	0.4790-0.4429i	1.1308-1.1223i	0.0149-0.1416i	-0.0732-0.0776i	-0.0018-0.2798i	-0.1422-0.0757i
67.9	1.1632-0.9629i	0.4514-0.7073i	0.4989-0.4731i	1.1456-1.1340i	0.0115-0.1431i	-0.0773-0.0757i	-0.0038-0.2832i	-0.1547-0.0726i
68.0	1.1515-0.9604i	0.4531-0.7153i	0.5033-0.4962i	1.1079-1.1418i	0.0151-0.1438i	-0.0722-0.0755i	0.0044-0.2848i	-0.1503-0.0721i
68.1	1.1384-0.9500i	0.4368-0.7023i	0.5192-0.4996i	1.0687-1.1379i	0.0084-0.1480i	-0.0770-0.0790i	-0.0049-0.2944i	-0.1591-0.0727i
68.2	1.1514-0.9756i	0.4305-0.7434i	0.5401-0.5114i	1.0581-1.1983i	0.0045-0.1597i	-0.0807-0.0844i	-0.0127-0.3152i	-0.1616-0.0724i
68.3	1.1629-1.0244i	0.4382-0.7677i	0.5585-0.5507i	1.0558-1.2130i	0.0030-0.1538i	-0.0822-0.0766i	-0.0170-0.3063i	-0.1620-0.0574i
68.4	1.1346-1.0794i	0.4181-0.7976i	0.5343-0.5813i	1.0243-1.2497i	-0.0011-0.1513i	-0.0841-0.0708i	-0.0266-0.3044i	-0.1659-0.0470i
68.5	1.1541-1.1154i	0.3874-0.8132i	0.5368-0.6016i	1.0142-1.2832i	-0.0145-0.1563i	-0.0955-0.0730i	-0.0500-0.3170i	-0.1852-0.0397i
68.6	1.2060-1.1695i	0.3700-0.8596i	0.5625-0.6524i	1.0156-1.3340i	-0.0201-0.1644i	-0.1021-0.0769i	-0.0620-0.3356i	-0.1959-0.0420i

68.7	1.1872-1.2077i	0.3516-0.8661i	0.5609-0.6818i	0.9599-1.3394i	-0.0277-0.1636i	-0.1056-0.0739i	-0.0794-0.3363i	-0.1951-0.0377i
68.8	1.1740-1.2115i	0.3379-0.8550i	0.5545-0.6960i	0.9363-1.3320i	-0.0326-0.1619i	-0.1075-0.0727i	-0.0886-0.3356i	-0.1982-0.0280i
68.9	1.1604-1.2473i	0.3116-0.8939i	0.5466-0.7383i	0.9174-1.3710i	-0.0379-0.1615i	-0.1078-0.0708i	-0.1018-0.3385i	-0.2030-0.0197i
69.0	1.1684-1.2808i	0.2892-0.9254i	0.5457-0.7708i	0.8886-1.4069i	-0.0447-0.1670i	-0.1136-0.0731i	-0.1169-0.3477i	-0.2075-0.0243i
69.1	1.1501-1.3634i	0.2813-0.9295i	0.5284-0.8043i	0.8640-1.4411i	-0.0447-0.1600i	-0.1151-0.0629i	-0.1212-0.3339i	-0.2016-0.0073i
69.2	1.1622-1.4323i	0.2555-0.9589i	0.5312-0.8450i	0.8689-1.4911i	-0.0521-0.1594i	-0.1237-0.0581i	-0.1363-0.3340i	-0.2132+0.0071i
69.3	1.1327-1.4570i	0.2142-0.9384i	0.5059-0.8396i	0.8308-1.4906i	-0.0557-0.1583i	-0.1241-0.0569i	-0.1413-0.3315i	-0.2147+0.0078i
69.4	1.1541-1.4953i	0.2074-0.9363i	0.5115-0.8704i	0.8314-1.4891i	-0.0613-0.1522i	-0.1282-0.0499i	-0.1506-0.3224i	-0.2200+0.0257i
69.5	1.1207-1.5423i	0.1760-0.9367i	0.4937-0.9204i	0.7868-1.5089i	-0.0653-0.1535i	-0.1291-0.0483i	-0.1599-0.3221i	-0.2224+0.0336i
69.6	1.1372-1.5978i	0.1931-0.9541i	0.5056-0.9499i	0.8002-1.5389i	-0.0676-0.1534i	-0.1321-0.0453i	-0.1646-0.3264i	-0.2247+0.0433i
69.7	1.1295-1.6191i	0.1765-0.9891i	0.5045-0.9630i	0.7858-1.5701i	-0.0688-0.1588i	-0.1331-0.0491i	-0.1666-0.3438i	-0.2298+0.0433i
69.8	1.0418-1.7132i	0.1860-0.9921i	0.4446-1.0192i	0.7626-1.6116i	-0.0640-0.1468i	-0.1249-0.0359i	-0.1651-0.3208i	-0.2088+0.0632i
69.9	0.9461-1.7993i	0.1510-1.0247i	0.3772-1.0656i	0.6976-1.6683i	-0.0640-0.1496i	-0.1192-0.0321i	-0.1688-0.3198i	-0.1912+0.0683i
70.0	0.9058-1.8907i	0.1294-1.0461i	0.3528-1.1225i	0.6720-1.7020i	-0.0698-0.1426i	-0.1218-0.0215i	-0.1886-0.3074i	-0.1832+0.0876i
70.1	0.8884-1.9335i	0.1318-1.0384i	0.3477-1.1309i	0.6439-1.7337i	-0.0752-0.1347i	-0.1246-0.0134i	-0.2042-0.3008i	-0.1789+0.1098i
70.2	0.9123-1.9994i	0.1208-1.0535i	0.3564-1.1731i	0.6481-1.7777i	-0.0834-0.1384i	-0.1330-0.0140i	-0.2188-0.3140i	-0.1924+0.1160i
70.3	0.7772-2.0562i	0.0769-1.0689i	0.2807-1.2069i	0.5532-1.8158i	-0.0809-0.1326i	-0.1245-0.0046i	-0.2171-0.2960i	-0.1710+0.1271i
70.4	0.6940-2.1296i	0.0519-1.1105i	0.2630-1.2625i	0.5041-1.8795i	-0.0830-0.1264i	-0.1239+0.0038i	-0.2314-0.2840i	-0.1571+0.1393i
70.5	0.6628-2.1137i	0.0370-1.1077i	0.2448-1.2536i	0.4834-1.8564i	-0.0834-0.1293i	-0.1222-0.0003i	-0.2273-0.2869i	-0.1577+0.1324i
70.6	0.5623-2.2088i	-0.0043-1.1413i	0.1755-1.3180i	0.4209-1.9115i	-0.0878-0.1247i	-0.1196+0.0099i	-0.2366-0.2737i	-0.1469+0.1504i
70.7	0.5351-2.3163i	-0.0273-1.1955i	0.1701-1.3934i	0.3763-1.9951i	-0.0948-0.1265i	-0.1236+0.0152i	-0.2576-0.2786i	-0.1467+0.1634i
70.8	0.4698-2.3293i	-0.0703-1.2233i	0.1249-1.4232i	0.3287-2.0122i	-0.0962-0.1278i	-0.1219+0.0137i	-0.2640-0.2810i	-0.1381+0.1613i
70.9	0.4047-2.3218i	-0.1047-1.2229i	0.0722-1.4233i	0.2790-2.0092i	-0.0959-0.1237i	-0.1170+0.0156i	-0.2631-0.2791i	-0.1254+0.1643i
71.0	0.2313-2.3977i	-0.1832-1.2501i	-0.0355-1.4900i	0.1375-2.0556i	-0.1001-0.1205i	-0.1119+0.0246i	-0.2791-0.2665i	-0.1012+0.1750i
71.1	0.1094-2.3788i	-0.2346-1.2618i	-0.1110-1.4974i	0.0538-2.0474i	-0.0992-0.1205i	-0.1058+0.0235i	-0.2858-0.2647i	-0.0799+0.1731i
71.2	-0.0204-2.3385i	-0.2739-1.2453i	-0.1929-1.4845i	-0.0309-2.0226i	-0.0972-0.1144i	-0.0966+0.0256i	-0.2836-0.2525i	-0.0566+0.1763i
71.3	-0.1499-2.3429i	-0.3681-1.2517i	-0.3130-1.5109i	-0.1443-2.0156i	-0.1038-0.1150i	-0.0942+0.0275i	-0.3031-0.2470i	-0.0466+0.1764i
71.4	-0.2983-2.3014i	-0.4391-1.2184i	-0.4241-1.4740i	-0.2495-1.9711i	-0.1055-0.1081i	-0.0881+0.0306i	-0.3125-0.2297i	-0.0278+0.1707i
71.5	-0.3713-2.3558i	-0.4840-1.2535i	-0.4933-1.5071i	-0.3122-2.0155i	-0.1073-0.1085i	-0.0859+0.0325i	-0.3313-0.2254i	-0.0069+0.1685i
71.6	-0.4694-2.2852i	-0.5514-1.2374i	-0.5579-1.4756i	-0.4147-1.9640i	-0.1119-0.1130i	-0.0838+0.0251i	-0.3417-0.2188i	0.0083+0.1377i
71.7	-0.5511-2.2546i	-0.6162-1.2118i	-0.6132-1.4410i	-0.4776-1.9300i	-0.1172-0.1103i	-0.0830+0.0274i	-0.3565-0.2052i	0.0136+0.1278i
71.8	-0.6180-2.2274i	-0.6576-1.1780i	-0.6862-1.4316i	-0.5130-1.8951i	-0.1181-0.1029i	-0.0799+0.0300i	-0.3577-0.1813i	0.0203+0.1248i
71.9	-0.7746-2.1434i	-0.7365-1.1139i	-0.8050-1.3774i	-0.6327-1.8301i	-0.1224-0.0958i	-0.0754+0.0313i	-0.3624-0.1501i	0.0326+0.1110i
72.0	-0.8790-2.0338i	-0.7820-1.0598i	-0.8811-1.2944i	-0.7097-1.7636i	-0.1245-0.0906i	-0.0709+0.0323i	-0.3609-0.1286i	0.0357+0.0966i
72.1	-0.8817-1.9622i	-0.8070-1.0383i	-0.9087-1.2486i	-0.7183-1.7041i	-0.1274-0.0927i	-0.0724+0.0273i	-0.3585-0.1285i	0.0232+0.0820i
72.2	-0.9030-1.9035i	-0.8442-0.9899i	-0.9357-1.2125i	-0.7455-1.6354i	-0.1314-0.0885i	-0.0740+0.0263i	-0.3588-0.1088i	0.0164+0.0668i
72.3	-0.9934-1.8285i	-0.8995-0.9260i	-1.0159-1.1494i	-0.8246-1.5587i	-0.1355-0.0787i	-0.0718+0.0317i	-0.3527-0.0793i	0.0082+0.0604i
72.4	-1.1023-1.6998i	-0.9109-0.8337i	-1.0832-1.0384i	-0.8783-1.4511i	-0.1331-0.0675i	-0.0648+0.0325i	-0.3289-0.0559i	0.0060+0.0528i
72.5	-1.0892-1.6996i	-0.9356-0.8394i	-1.0823-1.0309i	-0.8856-1.4391i	-0.1364-0.0717i	-0.0672+0.0282i	-0.3315-0.0577i	-0.0007+0.0499i
72.6	-1.0933-1.5803i	-0.9517-0.7657i	-1.0959-0.9518i	-0.8819-1.3498i	-0.1331-0.0689i	-0.0628+0.0270i	-0.3147-0.0503i	-0.0088+0.0408i
72.7	-1.1408-1.4539i	-0.9560-0.6929i	-1.1416-0.8699i	-0.8952-1.2701i	-0.1276-0.0582i	-0.0566+0.0273i	-0.2943-0.0401i	-0.0093+0.0410i
72.8	-1.1906-1.4065i	-0.9749-0.6416i	-1.1942-0.8148i	-0.9231-1.2142i	-0.1323-0.0533i	-0.0580+0.0304i	-0.2901-0.0307i	-0.0180+0.0456i
72.9	-1.1542-1.3643i	-0.9666-0.5845i	-1.1708-0.7489i	-0.9028-1.1621i	-0.1332-0.0478i	-0.0604+0.0315i	-0.2895-0.0228i	-0.0220+0.0502i
73.0	-1.1766-1.2776i	-0.9758-0.5238i	-1.1904-0.6664i	-0.9136-1.0897i	-0.1347-0.0411i	-0.0595+0.0306i	-0.2795-0.0178i	-0.0307+0.0538i
73.1	-1.1702-1.2225i	-0.9905-0.4955i	-1.1970-0.6183i	-0.9065-1.0579i	-0.1357-0.0410i	-0.0597+0.0280i	-0.2755-0.0221i	-0.0393+0.0504i
73.2	-1.1551-1.1669i	-0.9818-0.4342i	-1.1853-0.5621i	-0.8939-1.0117i	-0.1373-0.0337i	-0.0624+0.0304i	-0.2747-0.0167i	-0.0457+0.0572i
73.3	-1.1297-1.0843i	-0.9324-0.3898i	-1.1515-0.5025i	-0.8574-0.9556i	-0.1297-0.0270i	-0.0588+0.0307i	-0.2603-0.0141i	-0.0398+0.0680i
73.4	-1.1435-1.0620i	-0.9754-0.3740i	-1.1910-0.4816i	-0.8684-0.9369i	-0.1339-0.0262i	-0.0616+0.0297i	-0.2647-0.0220i	-0.0488+0.0760i
73.5	-1.1287-1.0432i	-0.9776-0.3605i	-1.1924-0.4419i	-0.8576-0.9242i	-0.1352-0.0247i	-0.0633+0.0285i	-0.2670-0.0260i	-0.0510+0.0776i
73.6	-1.1008-0.9916i	-0.9448-0.3170i	-1.1511-0.3890i	-0.8407-0.8761i	-0.1307-0.0212i	-0.0598+0.0292i	-0.2617-0.0215i	-0.0414+0.0831i
73.7	-1.0925-0.9318i	-0.9286-0.2743i	-1.1555-0.3527i	-0.8364-0.8283i	-0.1275-0.0160i	-0.0580+0.0305i	-0.2561-0.0185i	-0.0370+0.0913i
73.8	-1.0770-0.8818i	-0.8897-0.2300i	-1.1316-0.2862i	-0.8116-0.7791i	-0.1224-0.0109i	-0.0550+0.0307i	-0.2491-0.0135i	-0.0297+0.0954i
73.9	-1.0325-0.8210i	-0.8592-0.1925i	-1.0840-0.2295i	-0.7717-0.7427i	-0.1180-0.0086i	-0.0533+0.0299i	-0.2487-0.0125i	-0.0243+0.0954i
74.0	-0.9995-0.7752i	-0.8594-0.1858i	-1.0637-0.1826i	-0.7466-0.7403i	-0.1156-0.0081i	-0.0520+0.0287i	-0.2497-0.0167i	-0.0201+0.0931i
74.1	-1.0000-0.7715i	-0.8267-0.1436i	-1.0420-0.1573i	-0.7157-0.7271i	-0.1090-0.0024i	-0.0504+0.0316i	-0.2413-0.0062i	-0.0106+0.0957i
74.2	-0.9895-0.7474i	-0.7943-0.0994i	-1.0319-0.1073i	-0.7022-0.7050i	-0.1062+0.0045i	-0.0488+0.0353i	-0.2373+0.0022i	-0.0031+0.1064i
74.3	-0.9760-0.7151i	-0.7899-0.0898i	-1.0036-0.0524i	-0.6971-0.6878i	-0.1045+0.0056i	-0.0479+0.0348i	-0.2348+0.0032i	-0.0020+0.1039i
74.4	-0.9576-0.6680i	-0.7757-0.0659i	-0.9823-0.0062i	-0.6757-0.6685i	-0.1012+0.0083i	-0.0473+0.0341i	-0.2328+0.0072i	0.0041+0.1049i
74.5	-0.9635-0.6589i	-0.7393-0.0574i	-0.9717-0.0003i	-0.6659-0.6652i	-0.0952+0.0107i	-0.0436+0.0359i	-0.2228+0.0070i	0.0106+0.1056i
74.6	-0.9266-0.6367i	-0.7135-0.0567i	-0.9388+0.0080i	-0.6601-0.6641i	-0.0930+0.0071i	-0.0424+0.0327i	-0.2180+0.0010i	0.0127+0.0978i
74.7	-0.9148-0.6135i	-0.7021-0.0224i	-0.9108+0.0481i	-0.6420-0.6494i	-0.0910+0.0108i	-0.0399+0.0343i	-0.2176+0.0055i	0.0135+0.1042i
74.8	-0.8935-0.5694i	-0.6754+0.0141i	-0.8698+0.0935i	-0.6244-0.6211i	-0.0863+0.0137i	-0.0386+0.0345i	-0.2179+0.0082i	0.0242+0.1056i
74.9	-0.9285-0.5520i	-0.6450+0.0289i	-0.8617+0.1220i	-0.6456-0.6240i	-0.0815+0.0154i	-0.0352+0.0352i	-0.2115+0.0127i	0.0349+0.1043i

75.0	-0.9180-0.5275i	-0.6163+0.0288i	-0.8309+0.1406i	-0.6292-0.6120i	-0.0768+0.0155i	-0.0325+0.0332i	-0.2036+0.0134i	0.0401+0.0996i
75.1	-0.8638-0.5217i	-0.6265+0.0351i	-0.8039+0.1493i	-0.6067-0.5978i	-0.0753+0.0161i	-0.0340+0.0320i	-0.2083+0.0128i	0.0430+0.1013i
75.2	-0.8425-0.5067i	-0.5965+0.0362i	-0.7642+0.1447i	-0.6129-0.5928i	-0.0720+0.0144i	-0.0319+0.0315i	-0.2044+0.0129i	0.0469+0.0951i
75.3	-0.8373-0.5058i	-0.5926+0.0554i	-0.7373+0.1837i	-0.6215-0.5882i	-0.0723+0.0154i	-0.0319+0.0317i	-0.2090+0.0106i	0.0476+0.0955i
75.4	-0.8306-0.5115i	-0.5739+0.0523i	-0.7186+0.1850i	-0.6152-0.5858i	-0.0714+0.0143i	-0.0326+0.0322i	-0.2085+0.0120i	0.0509+0.0927i
75.5	-0.7927-0.4613i	-0.5459+0.0526i	-0.6750+0.1867i	-0.6063-0.5575i	-0.0664+0.0111i	-0.0295+0.0281i	-0.2035+0.0091i	0.0569+0.0850i
75.6	-0.7960-0.4392i	-0.5318+0.0599i	-0.6589+0.1862i	-0.6114-0.5343i	-0.0646+0.0099i	-0.0283+0.0261i	-0.1981+0.0097i	0.0562+0.0793i
75.7	-0.7887-0.4421i	-0.5176+0.0462i	-0.6394+0.1909i	-0.6105-0.5374i	-0.0623+0.0095i	-0.0279+0.0259i	-0.1995+0.0105i	0.0616+0.0759i
75.8	-0.7803-0.3820i	-0.4693+0.0531i	-0.5753+0.2038i	-0.6075-0.5153i	-0.0552+0.0090i	-0.0224+0.0241i	-0.1933+0.0177i	0.0789+0.0639i
75.9	-0.7157-0.3742i	-0.4647+0.0544i	-0.5323+0.1768i	-0.5879-0.4888i	-0.0563+0.0049i	-0.0255+0.0195i	-0.1949+0.0180i	0.0691+0.0509i
76.0	-0.7586-0.3646i	-0.4532+0.0676i	-0.5319+0.2150i	-0.6089-0.4893i	-0.0560+0.0087i	-0.0236+0.0214i	-0.1950+0.0257i	0.0815+0.0530i
76.1	-0.7610-0.3460i	-0.4404+0.0590i	-0.5062+0.2197i	-0.6074-0.4702i	-0.0542+0.0075i	-0.0223+0.0225i	-0.1937+0.0240i	0.0841+0.0502i
76.2	-0.7385-0.3614i	-0.4252+0.0968i	-0.4989+0.2050i	-0.5965-0.4675i	-0.0549+0.0090i	-0.0250+0.0244i	-0.1972+0.0291i	0.0810+0.0510i
76.3	-0.7143-0.3499i	-0.4186+0.0915i	-0.4800+0.1769i	-0.5980-0.4654i	-0.0548+0.0064i	-0.0266+0.0200i	-0.1998+0.0276i	0.0802+0.0426i
76.4	-0.7135-0.3169i	-0.4027+0.0701i	-0.4606+0.1771i	-0.6070-0.4377i	-0.0521+0.0025i	-0.0243+0.0171i	-0.1947+0.0284i	0.0843+0.0283i
76.5	-0.7091-0.3073i	-0.3874+0.0692i	-0.4496+0.1835i	-0.5962-0.4164i	-0.0507+0.0020i	-0.0235+0.0174i	-0.1843+0.0332i	0.0792+0.0208i
76.6	-0.7054-0.2946i	-0.3846+0.0690i	-0.4372+0.1707i	-0.5815-0.3984i	-0.0498+0.0035i	-0.0234+0.0184i	-0.1795+0.0382i	0.0723+0.0183i
76.7	-0.6982-0.2970i	-0.3840+0.0901i	-0.4271+0.1816i	-0.5732-0.3921i	-0.0506+0.0053i	-0.0250+0.0179i	-0.1798+0.0433i	0.0711+0.0147i
76.8	-0.6868-0.2969i	-0.3661+0.0941i	-0.4270+0.1727i	-0.5695-0.3709i	-0.0521+0.0052i	-0.0250+0.0187i	-0.1808+0.0459i	0.0705+0.0175i
76.9	-0.6496-0.2769i	-0.3617+0.0650i	-0.4065+0.1482i	-0.5594-0.3556i	-0.0511+0.0019i	-0.0240+0.0163i	-0.1759+0.0401i	0.0658+0.0114i
77.0	-0.6337-0.2421i	-0.3751+0.0314i	-0.3919+0.1353i	-0.5426-0.3521i	-0.0492-0.0005i	-0.0255+0.0131i	-0.1706+0.0390i	0.0653+0.0037i
77.1	-0.6513-0.2308i	-0.3463+0.0621i	-0.3883+0.1447i	-0.5251-0.3359i	-0.0489+0.0015i	-0.0253+0.0155i	-0.1644+0.0455i	0.0616+0.0032i
77.2	-0.6234-0.2266i	-0.3275+0.0663i	-0.3806+0.1423i	-0.5061-0.3261i	-0.0484+0.0008i	-0.0242+0.0153i	-0.1631+0.0450i	0.0597-0.0005i
77.3	-0.6217-0.1975i	-0.3006+0.0650i	-0.3595+0.1411i	-0.5144-0.3000i	-0.0475+0.0006i	-0.0242+0.0149i	-0.1565+0.0504i	0.0556-0.0088i
77.4	-0.6033-0.1955i	-0.3182+0.0599i	-0.3574+0.1363i	-0.5109-0.2905i	-0.0478+0.0022i	-0.0254+0.0150i	-0.1553+0.0508i	0.0508-0.0045i
77.5	-0.5840-0.2073i	-0.3208+0.0535i	-0.3547+0.1589i	-0.4863-0.2936i	-0.0490+0.0033i	-0.0270+0.0147i	-0.1588+0.0503i	0.0500-0.0001i
77.6	-0.5821-0.2016i	-0.3112+0.0626i	-0.3516+0.1657i	-0.4761-0.2951i	-0.0479+0.0043i	-0.0269+0.0161i	-0.1551+0.0512i	0.0462+0.0070i
77.7	-0.5652-0.2000i	-0.3177+0.0610i	-0.3357+0.1572i	-0.4636-0.2968i	-0.0471+0.0033i	-0.0256+0.0151i	-0.1521+0.0469i	0.0450+0.0070i
77.8	-0.5580-0.1859i	-0.2991+0.0465i	-0.3435+0.1448i	-0.4607-0.2904i	-0.0461+0.0034i	-0.0232+0.0155i	-0.1479+0.0427i	0.0435+0.0060i
77.9	-0.5311-0.1697i	-0.2799+0.0512i	-0.3388+0.1265i	-0.4353-0.2686i	-0.0475+0.0040i	-0.0253+0.0163i	-0.1392+0.0427i	0.0336+0.0075i
78.0	-0.5480-0.1758i	-0.2666+0.0592i	-0.3276+0.1390i	-0.4327-0.2787i	-0.0452+0.0073i	-0.0247+0.0202i	-0.1390+0.0503i	0.0436+0.0084i
78.1	-0.5281-0.1581i	-0.2669+0.0579i	-0.2999+0.1442i	-0.4426-0.2638i	-0.0413+0.0059i	-0.0228+0.0173i	-0.1300+0.0522i	0.0437+0.0007i
78.2	-0.4854-0.1440i	-0.2642+0.0325i	-0.2924+0.1432i	-0.4452-0.2643i	-0.0406+0.0065i	-0.0228+0.0168i	-0.1291+0.0504i	0.0431+0.0036i
78.3	-0.4904-0.1507i	-0.2579+0.0280i	-0.2830+0.1266i	-0.4272-0.2456i	-0.0426+0.0074i	-0.0223+0.0186i	-0.1304+0.0473i	0.0412+0.0106i
78.4	-0.4737-0.1430i	-0.2603+0.0344i	-0.2926+0.1176i	-0.4040-0.2306i	-0.0404+0.0087i	-0.0211+0.0187i	-0.1301+0.0429i	0.0398+0.0123i
78.5	-0.4889-0.1682i	-0.2407+0.0611i	-0.2910+0.1361i	-0.4000-0.2294i	-0.0380+0.0116i	-0.0208+0.0224i	-0.1339+0.0453i	0.0494+0.0179i
78.6	-0.4471-0.1473i	-0.2713+0.0158i	-0.2862+0.1231i	-0.3922-0.2297i	-0.0376+0.0087i	-0.0189+0.0191i	-0.1304+0.0364i	0.0520+0.0135i
78.7	-0.4368-0.1327i	-0.2717+0.0320i	-0.2672+0.1336i	-0.4054-0.2184i	-0.0357+0.0109i	-0.0198+0.0189i	-0.1310+0.0461i	0.0523+0.0077i
78.8	-0.4342-0.1532i	-0.2665+0.0315i	-0.2935+0.1073i	-0.3849-0.2204i	-0.0341+0.0107i	-0.0184+0.0190i	-0.1279+0.0432i	0.0550+0.0135i
78.9	-0.4055-0.1924i	-0.2890+0.0504i	-0.3098+0.0882i	-0.3558-0.2291i	-0.0380+0.0089i	-0.0214+0.0177i	-0.1371+0.0317i	0.0495+0.0243i
79.0	-0.4390-0.2103i	-0.2710+0.0922i	-0.3137+0.1058i	-0.3590-0.2157i	-0.0383+0.0149i	-0.0221+0.0250i	-0.1440+0.0516i	0.0525+0.0298i
79.1	-0.4807-0.1780i	-0.2198+0.0783i	-0.3059+0.1141i	-0.3716-0.1990i	-0.0325+0.0243i	-0.0161+0.0326i	-0.1267+0.0709i	0.0651+0.0349i
79.2	-0.4811-0.1301i	-0.2043+0.0522i	-0.3067+0.1323i	-0.3579-0.2027i	-0.0264+0.0239i	-0.0105+0.0331i	-0.1110+0.0714i	0.0712+0.0281i
79.3	-0.4469-0.1148i	-0.2019+0.0379i	-0.2869+0.1231i	-0.3184-0.1965i	-0.0168+0.0201i	-0.0013+0.0295i	-0.0923+0.0579i	0.0748+0.0255i
79.4	-0.4445-0.1102i	-0.2081+0.0321i	-0.2617+0.1414i	-0.3207-0.2013i	-0.0133+0.0173i	0.0034+0.0246i	-0.0902+0.0543i	0.0871+0.0188i
79.5	-0.4424-0.1018i	-0.1906+0.0347i	-0.2514+0.1309i	-0.3084-0.1967i	-0.0114+0.0155i	0.0054+0.0230i	-0.0835+0.0518i	0.0895+0.0139i
79.6	-0.4384-0.0879i	-0.1848+0.0193i	-0.2448+0.1065i	-0.3031-0.1896i	-0.0074+0.0112i	0.0078+0.0200i	-0.0768+0.0458i	0.0903+0.0091i
79.7	-0.4199-0.1043i	-0.1936+0.0157i	-0.2619+0.1104i	-0.2776-0.2014i	-0.0048+0.0057i	0.0093+0.0159i	-0.0785+0.0281i	0.0961+0.0111i
79.8	-0.3931-0.0834i	-0.2069+0.0192i	-0.2490+0.1130i	-0.2764-0.1871i	-0.0037+0.0030i	0.0099+0.0114i	-0.0770+0.0209i	0.0977-0.0020i
79.9	-0.3938-0.0828i	-0.1839+0.0300i	-0.2352+0.1169i	-0.2798-0.1812i	-0.0047+0.0021i	0.0074+0.0104i	-0.0776+0.0261i	0.0952-0.0059i
80.0	-0.3983-0.0860i	-0.1676+0.0242i	-0.2351+0.1244i	-0.2726-0.2054i	-0.0043-0.0022i	0.0080+0.0073i	-0.0827+0.0231i	0.1008-0.0097i

1.1.32 Run 8 – VT315-200 – SF and shaft bending gauges

Vertical shaking at 315° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0223+0.0000i	-0.2169+0.0000i	-0.2678+0.0000i	-0.1551+0.0000i	-6.8366+0.0000i	11.5871+0.0000i	-3.2064+0.0000i	-20.5815+0.0000i
0.1	-0.0077+0.0007i	-0.0343+0.0056i	-0.0166+0.0072i	-0.0330+0.0038i	-10.9715-0.0883i	-6.7134-0.3623i	-9.7011+0.0453i	-11.8833+0.3939i
0.2	-0.0058+0.0006i	-0.0064+0.0004i	0.0217-0.0007i	-0.0134+0.0003i	-11.5652+0.0009i	-9.4370+0.3119i	-10.5874+0.3260i	-10.5168+0.2257i
0.3	-0.0058+0.0003i	-0.0066+0.0004i	0.0220-0.0008i	-0.0130+0.0005i	-11.5353+0.0305i	-9.3562+0.4327i	-10.4996+0.4110i	-10.4472+0.3143i
0.4	-0.0052+0.0003i	-0.0064+0.0007i	0.0214-0.0006i	-0.0130+0.0005i	-11.5444+0.0707i	-9.2200+0.4684i	-10.4255+0.5218i	-10.3506+0.3552i
0.5	-0.0056+0.0001i	-0.0061+0.0011i	0.0213-0.0005i	-0.0127+0.0009i	-11.4517+0.1478i	-9.1458+0.3193i	-10.2295+0.6258i	-10.2723+0.2587i
0.6	-0.0054+0.0004i	-0.0047+0.0011i	0.0219-0.0008i	-0.0120+0.0010i	-11.2708+0.0801i	-9.3256+0.3244i	-9.9922+0.5737i	-10.3919+0.2419i
0.7	-0.0048+0.0008i	-0.0033-0.0007i	0.0226-0.0015i	-0.0112+0.0000i	-11.1777-0.3067i	-9.5243+0.6548i	-9.8282+0.2487i	-10.5444+0.4322i
0.8	-0.0049-0.0003i	-0.0052-0.0024i	0.0219-0.0028i	-0.0119-0.0015i	-11.5606-0.3296i	-9.1539+1.0312i	-10.0809+0.1731i	-10.3290+0.7206i
0.9	-0.0057+0.0003i	-0.0066-0.0005i	0.0209-0.0015i	-0.0130-0.0002i	-11.4866-0.1579i	-8.8154+0.6692i	-9.9933+0.3311i	-10.0552+0.4864i
1.0	-0.0049+0.0011i	-0.0053-0.0005i	0.0217-0.0013i	-0.0121+0.0003i	-11.3304-0.7436i	-9.0158+0.6105i	-9.8057-0.1410i	-10.1750+0.3724i
1.1	-0.0033+0.0005i	-0.0049-0.0013i	0.0223-0.0020i	-0.0113-0.0004i	-12.1603-1.0217i	-9.0107+0.7633i	-10.4072-0.3788i	-10.2704+0.4638i
1.2	-0.0039-0.0001i	-0.0059-0.0010i	0.0218-0.0021i	-0.0120-0.0004i	-12.3725-0.4493i	-8.8218+0.6394i	-10.5487+0.0522i	-10.1496+0.4410i
1.3	-0.0041+0.0003i	-0.0057-0.0000i	0.0216-0.0012i	-0.0120+0.0003i	-12.1302-0.1923i	-8.7745+0.4589i	-10.3305+0.2471i	-10.0786+0.3361i
1.4	-0.0034+0.0002i	-0.0047+0.0001i	0.0222-0.0012i	-0.0111+0.0002i	-12.1521-0.1323i	-8.8976+0.4287i	-10.3099+0.2805i	-10.1670+0.3192i
1.5	-0.0027+0.0003i	-0.0035+0.0001i	0.0227-0.0008i	-0.0105+0.0005i	-12.1187-0.1010i	-9.0493+0.3790i	-10.2415+0.2970i	-10.2751+0.2811i
1.6	-0.0019+0.0002i	-0.0022-0.0012i	0.0235-0.0014i	-0.0093+0.0001i	-12.0898-0.0625i	-9.1845+0.4180i	-10.1816+0.2914i	-10.3662+0.3112i
1.7	-0.0007-0.0002i	-0.0026-0.0012i	0.0242-0.0017i	-0.0088-0.0002i	-12.0989-0.0936i	-9.3326+0.4357i	-10.1496+0.2435i	-10.4727+0.3150i
1.8	0.0016-0.0005i	-0.0005-0.0005i	0.0257-0.0016i	-0.0071-0.0004i	-12.1025-0.1316i	-9.6396+0.4076i	-10.1069+0.2155i	-10.6951+0.2820i
1.9	0.0070-0.0036i	0.0048-0.0030i	0.0300-0.0038i	-0.0032-0.0025i	-12.1505-0.1210i	-10.3022+0.7634i	-10.0523+0.1658i	-11.1811+0.5358i
2.0	0.0096-0.0179i	0.0077-0.0159i	0.0324-0.0140i	-0.0006-0.0128i	-12.2331-0.0507i	-10.7226+2.1511i	-10.0496+0.0229i	-11.5319+1.5341i
2.1	-0.0168-0.0364i	-0.0146-0.0322i	0.0144-0.0274i	-0.0182-0.0262i	-12.2621+0.1332i	-8.8106+3.8212i	-10.2918-0.0550i	-10.2050+2.7984i
2.2	-0.0347+0.0061i	-0.0304+0.0009i	0.0013-0.0015i	-0.0318-0.0003i	-12.1594+0.1208i	-6.9174+2.4432i	-10.4412+0.0785i	-8.7888+1.9042i
2.3	-0.0070+0.0120i	-0.0096+0.0068i	0.0175+0.0037i	-0.0163+0.0050i	-12.1654+0.0967i	-7.2841+1.3726i	-10.3917+0.1931i	-8.9663+1.1127i
2.4	-0.0050+0.0035i	-0.0077+0.0010i	0.0193-0.0007i	-0.0144+0.0008i	-12.1882+0.0934i	-7.6601+1.1265i	-10.3543+0.2304i	-9.2375+0.9037i
2.5	-0.0056+0.0006i	-0.0081-0.0012i	0.0194-0.0023i	-0.0142-0.0008i	-12.2755+0.0880i	-8.0005+1.1172i	-10.3521+0.2114i	-9.5039+0.8830i
2.6	-0.0064-0.0003i	-0.0086-0.0021i	0.0187-0.0031i	-0.0150-0.0017i	-12.2458+0.1397i	-7.7552+1.3906i	-10.3668+0.1915i	-9.3208+1.0884i
2.7	-0.0066-0.0004i	-0.0090-0.0019i	0.0182-0.0027i	-0.0157-0.0015i	-12.2081+0.1287i	-7.4416+1.1575i	-10.3733+0.1996i	-9.0756+0.9123i
2.8	-0.0064-0.0003i	-0.0088-0.0016i	0.0183-0.0023i	-0.0154-0.0009i	-12.2149+0.1222i	-7.5228+0.8939i	-10.3582+0.2242i	-9.1243+0.7183i
2.9	-0.0063-0.0003i	-0.0085-0.0014i	0.0186-0.0023i	-0.0151-0.0008i	-12.2459+0.1208i	-7.6368+0.7646i	-10.3682+0.2308i	-9.2073+0.6229i
3.0	-0.0064-0.0003i	-0.0084-0.0010i	0.0187-0.0022i	-0.0148-0.0008i	-12.2645+0.1227i	-7.6727+0.6724i	-10.3767+0.2326i	-9.2338+0.5543i
3.1	-0.0063-0.0004i	-0.0081-0.0010i	0.0186-0.0019i	-0.0146-0.0006i	-12.3128+0.1285i	-7.7250+0.6485i	-10.3933+0.2452i	-9.2719+0.5447i
3.2	-0.0063-0.0002i	-0.0080-0.0007i	0.0189-0.0017i	-0.0146-0.0002i	-12.3295+0.1308i	-7.7606+0.6281i	-10.4043+0.2552i	-9.2964+0.5254i
3.3	-0.0065+0.0002i	-0.0079-0.0006i	0.0190-0.0016i	-0.0148-0.0003i	-12.3630+0.1482i	-7.7184+0.5560i	-10.4386+0.2576i	-9.2632+0.4665i
3.4	-0.0070-0.0001i	-0.0077-0.0006i	0.0189-0.0015i	-0.0148-0.0005i	-12.3765+0.1685i	-7.6406+0.5478i	-10.4538+0.2700i	-9.2045+0.4621i
3.5	-0.0078-0.0000i	-0.0088-0.0010i	0.0177-0.0012i	-0.0154-0.0002i	-12.3860+0.1260i	-7.2837+0.5292i	-10.5228+0.2380i	-8.9384+0.4383i
3.6	-0.0079+0.0027i	-0.0097+0.0016i	0.0169+0.0012i	-0.0178+0.0029i	-12.5375+0.1595i	-6.8083-0.1440i	-10.6601+0.3488i	-8.5787-0.0678i
3.7	-0.0000+0.0040i	-0.0016+0.0033i	0.0254+0.0017i	-0.0085+0.0038i	-12.3272-0.0158i	-9.3393-0.6869i	-10.1293+0.3072i	-10.4467-0.5018i
3.8	-0.0007+0.0012i	-0.0028+0.0008i	0.0245-0.0003i	-0.0095+0.0012i	-12.5024+0.0117i	-9.1137+0.0383i	-10.2909+0.2090i	-10.2960+0.0522i
3.9	-0.0010+0.0011i	-0.0032+0.0005i	0.0239-0.0006i	-0.0100+0.0010i	-12.5780+0.0399i	-8.9166+0.1451i	-10.3777+0.1995i	-10.1548+0.1333i
4.0	-0.0009+0.0009i	-0.0030+0.0001i	0.0239-0.0009i	-0.0101+0.0007i	-12.6377+0.0512i	-8.8359+0.2255i	-10.4330+0.1920i	-10.0974+0.1927i
4.1	-0.0010+0.0003i	-0.0030-0.0003i	0.0240-0.0013i	-0.0103+0.0003i	-12.6891+0.0606i	-8.7865+0.2617i	-10.4774+0.1911i	-10.0618+0.2197i
4.2	-0.0010-0.0002i	-0.0031-0.0005i	0.0239-0.0014i	-0.0105+0.0001i	-12.7362+0.0837i	-8.7297+0.3017i	-10.5195+0.1958i	-10.0210+0.2536i
4.3	-0.0008-0.0004i	-0.0028-0.0007i	0.0240-0.0017i	-0.0105-0.0001i	-12.7886+0.1109i	-8.6968+0.3247i	-10.5571+0.2067i	-9.9972+0.2758i
4.4	-0.0010-0.0007i	-0.0028-0.0010i	0.0239-0.0018i	-0.0104-0.0004i	-12.8258+0.1224i	-8.6670+0.3325i	-10.5888+0.2088i	-9.9750+0.2778i
4.5	-0.0012-0.0012i	-0.0030-0.0014i	0.0240-0.0020i	-0.0107-0.0007i	-12.8668+0.1338i	-8.5944+0.3383i	-10.6232+0.2289i	-9.9251+0.2865i
4.6	-0.0012-0.0015i	-0.0029-0.0019i	0.0240-0.0024i	-0.0106-0.0009i	-12.9098+0.1512i	-8.5594+0.3133i	-10.6634+0.2469i	-9.8968+0.2723i
4.7	-0.0029-0.0031i	-0.0041-0.0029i	0.0229-0.0029i	-0.0121-0.0014i	-12.9686+0.1503i	-8.5353+0.1764i	-10.7074+0.2495i	-9.8856+0.1611i
4.8	-0.0067-0.0016i	-0.0074-0.0015i	0.0209-0.0018i	-0.0143-0.0000i	-13.0064+0.1168i	-8.4916-0.0232i	-10.7332+0.2427i	-9.8592+0.0077i
4.9	-0.0070+0.0040i	-0.0074+0.0033i	0.0213+0.0016i	-0.0137+0.0031i	-12.9930+0.1754i	-8.5754-0.2110i	-10.7253+0.3230i	-9.9082-0.1091i
5.0	0.0011+0.0045i	-0.0005+0.0034i	0.0269+0.0021i	-0.0088+0.0033i	-13.1372+0.0617i	-9.2210-0.1158i	-10.7306+0.2345i	-10.3888-0.0498i
5.1	0.0016+0.0035i	0.0000+0.0026i	0.0273+0.0011i	-0.0087+0.0024i	-13.2150+0.0707i	-9.1893+0.0478i	-10.7758+0.2072i	-10.3724+0.0702i
5.2	0.0014+0.0032i	-0.0001+0.0023i	0.0272+0.0009i	-0.0091+0.0024i	-13.2544+0.1490i	-9.0229+0.0792i	-10.8158+0.2499i	-10.2446+0.1023i
5.3	0.0011+0.0027i	-0.0004+0.0019i	0.0266+0.0009i	-0.0097+0.0024i	-13.2161+0.2099i	-8.7797-0.0927i	-10.8048+0.3151i	-10.0437-0.0232i
5.4	0.0032+0.0057i	0.0014+0.0041i	0.0282+0.0031i	-0.0087+0.0051i	-13.2195+0.1898i	-8.9733-0.6094i	-10.8084+0.3871i	-10.1764-0.4031i
5.5	0.0087+0.0055i	0.0058+0.0039i	0.0328+0.0026i	-0.0049+0.0052i	-13.3056+0.0304i	-9.8333-0.6940i	-10.7515+0.3053i	-10.8218-0.4809i
5.6	0.0096-0.0002i	0.0062-0.0010i	0.0342-0.0016i	-0.0037+0.0007i	-13.4705-0.0853i	-10.2329-0.2333i	-10.8061+0.1416i	-11.1342-0.1843i

5.7	0.0070-0.0028i	0.0040-0.0024i	0.0329-0.0030i	-0.0052-0.0010i	-13.5324-0.0559i	-10.1996+0.0622i	-10.8513+0.1078i	-11.1172+0.0375i
5.8	0.0049-0.0021i	0.0025-0.0019i	0.0316-0.0027i	-0.0069-0.0007i	-13.5737-0.0151i	-10.0383+0.2217i	-10.8994+0.1208i	-11.0031+0.1713i
5.9	0.0038-0.0007i	0.0018-0.0008i	0.0311-0.0018i	-0.0078+0.0003i	-13.6193-0.0135i	-9.9637+0.1946i	-10.9389+0.1156i	-10.9448+0.1548i
6.0	0.0044+0.0011i	0.0025+0.0009i	0.0319-0.0008i	-0.0077+0.0015i	-13.6852-0.0106i	-10.0099+0.1932i	-10.9840+0.1143i	-10.9802+0.1592i
6.1	0.0063+0.0022i	0.0044+0.0018i	0.0338-0.0003i	-0.0067+0.0021i	-13.7266-0.0482i	-10.0895+0.1971i	-11.0117+0.0866i	-11.0326+0.1589i
6.2	0.0076+0.0022i	0.0057+0.0017i	0.0351-0.0006i	-0.0062+0.0023i	-13.7562-0.0789i	-10.1541+0.2102i	-11.0242+0.0611i	-11.0719+0.1657i
6.3	0.0085+0.0014i	0.0067+0.0011i	0.0364-0.0012i	-0.0060+0.0020i	-13.7935-0.1037i	-10.2184+0.2392i	-11.0452+0.0437i	-11.1145+0.1820i
6.4	0.0092+0.0008i	0.0075+0.0008i	0.0375-0.0017i	-0.0059+0.0019i	-13.8178-0.1436i	-10.2821+0.2588i	-11.0641+0.0122i	-11.1570+0.1899i
6.5	0.0100+0.0005i	0.0083+0.0006i	0.0389-0.0022i	-0.0061+0.0022i	-13.8274-0.2005i	-10.3782+0.2921i	-11.0624-0.0270i	-11.2176+0.2082i
6.6	0.0108-0.0001i	0.0091+0.0003i	0.0404-0.0029i	-0.0065+0.0022i	-13.7459-0.2625i	-10.4804+0.3294i	-11.0059-0.0616i	-11.2751+0.2288i
6.7	0.0113-0.0009i	0.0097-0.0003i	0.0420-0.0042i	-0.0071+0.0026i	-13.6469-0.4047i	-10.5804+0.3935i	-10.9408-0.1611i	-11.3299+0.2583i
6.8	0.0116-0.0014i	0.0104-0.0006i	0.0445-0.0053i	-0.0088+0.0033i	-13.3628-0.6484i	-10.7021+0.4278i	-10.7597-0.3208i	-11.3794+0.2578i
6.9	0.0118-0.0015i	0.0111-0.0006i	0.0471-0.0074i	-0.0106+0.0055i	-13.0458-1.1544i	-10.8446+0.5255i	-10.5645-0.6427i	-11.4410+0.2747i
7.0	0.0125-0.0016i	0.0127-0.0009i	0.0500-0.0134i	-0.0117+0.0113i	-12.8343-2.4741i	-11.0029+0.7646i	-10.4381-1.4682i	-11.5226+0.3043i
7.1	0.0139-0.0027i	0.0145-0.0024i	0.0503-0.0235i	-0.0094+0.0197i	-13.4293-4.5255i	-11.0277+1.1519i	-10.8188-2.7448i	-11.5982+0.3614i
7.2	0.0124-0.0058i	0.0133-0.0062i	0.0382-0.0323i	0.0016+0.0243i	-16.2773-5.8516i	-10.6315+1.4396i	-12.5988-3.5637i	-11.6181+0.4213i
7.3	0.0075-0.0027i	0.0088-0.0042i	0.0248-0.0261i	0.0093+0.0213i	-18.7996-4.8915i	-10.2163+1.2090i	-14.1685-2.9418i	-11.5927+0.3722i
7.4	0.0104+0.0038i	0.0106+0.0009i	0.0211-0.0143i	0.0167+0.0168i	-20.4768-3.0132i	-10.1059+0.7523i	-15.1969-1.7490i	-11.6725+0.2603i
7.5	0.0151+0.0037i	0.0141+0.0010i	0.0253-0.0077i	0.0183+0.0097i	-20.4071-1.2095i	-10.2950+0.4883i	-15.1287-0.6321i	-11.7784+0.2586i
7.6	0.0173+0.0016i	0.0160-0.0002i	0.0301-0.0056i	0.0166+0.0052i	-19.8371-0.3173i	-10.5543+0.4216i	-14.7527-0.0920i	-11.8870+0.3014i
7.7	0.0182+0.0011i	0.0170-0.0005i	0.0330-0.0051i	0.0151+0.0038i	-19.5663-0.0675i	-10.7349+0.4125i	-14.5827+0.0653i	-11.9797+0.3182i
7.8	0.0195+0.0010i	0.0183-0.0004i	0.0353-0.0044i	0.0147+0.0034i	-19.5916+0.0326i	-10.8738+0.3779i	-14.5935+0.1331i	-12.0704+0.3046i
7.9	0.0210+0.0008i	0.0199-0.0004i	0.0373-0.0044i	0.0151+0.0032i	-19.8815+0.1292i	-10.9991+0.3816i	-14.7624+0.1808i	-12.1781+0.3152i
8.0	0.0223+0.0001i	0.0212-0.0011i	0.0391-0.0044i	0.0156+0.0023i	-20.1488+0.4768i	-11.1248+0.3665i	-14.9209+0.3940i	-12.2871+0.3418i
8.1	0.0235-0.0000i	0.0224-0.0012i	0.0408-0.0043i	0.0156+0.0019i	-20.3030+0.7522i	-11.2366+0.3264i	-15.0012+0.5673i	-12.3670+0.3405i
8.2	0.0250-0.0003i	0.0239-0.0014i	0.0426-0.0045i	0.0163+0.0017i	-20.6112+1.0098i	-11.3401+0.3023i	-15.1939+0.7321i	-12.4607+0.3491i
8.3	0.0266-0.0010i	0.0256-0.0019i	0.0445-0.0048i	0.0170+0.0013i	-20.8815+1.2546i	-11.4764+0.2772i	-15.3524+0.8859i	-12.5758+0.3553i
8.4	0.0284-0.0016i	0.0273-0.0025i	0.0465-0.0052i	0.0178+0.0009i	-21.1575+1.5339i	-11.6202+0.2609i	-15.5111+1.0540i	-12.6905+0.3728i
8.5	0.0298-0.0025i	0.0289-0.0031i	0.0484-0.0057i	0.0183+0.0005i	-21.5812+1.8618i	-11.7661+0.2372i	-15.7603+1.2594i	-12.8277+0.3883i
8.6	0.0313-0.0034i	0.0308-0.0037i	0.0507-0.0063i	0.0191+0.0002i	-22.0914+2.1919i	-11.9089+0.2056i	-16.0701+1.4770i	-12.9657+0.4008i
8.7	0.0332-0.0038i	0.0329-0.0045i	0.0531-0.0072i	0.0198+0.0002i	-22.7457+2.5983i	-11.9984+0.1612i	-16.4778+1.7249i	-13.0817+0.4125i
8.8	0.0350-0.0048i	0.0349-0.0056i	0.0553-0.0088i	0.0204+0.0003i	-23.4090+3.3884i	-12.1226+0.0889i	-16.8782+2.2153i	-13.2224+0.4400i
8.9	0.0369-0.0068i	0.0374-0.0077i	0.0578-0.0113i	0.0214+0.0000i	-24.0114+4.4786i	-12.2733+0.0004i	-17.2379+2.9141i	-13.3756+0.4904i
9.0	0.0381-0.0089i	0.0389-0.0100i	0.0594-0.0141i	0.0222-0.0000i	-24.1840+5.8851i	-12.4391-0.1675i	-17.3282+3.8006i	-13.4940+0.5107i
9.1	0.0386-0.0105i	0.0395-0.0115i	0.0607-0.0162i	0.0225+0.0003i	-24.3244+6.8253i	-12.6190-0.2852i	-17.3953+4.3839i	-13.6149+0.5176i
9.2	0.0393-0.0133i	0.0412-0.0145i	0.0628-0.0214i	0.0229+0.0018i	-25.2337+9.4769i	-12.7221-0.6108i	-17.9369+6.0610i	-13.7629+0.5617i
9.3	0.0371-0.0166i	0.0394-0.0192i	0.0592-0.0291i	0.0249+0.0039i	-23.1701+13.5788i	-13.2299-1.0669i	-16.6026+8.6264i	-13.8977+0.6529i
9.4	0.0321-0.0141i	0.0335-0.0185i	0.0489-0.0294i	0.0294+0.0058i	-17.1439+14.7104i	-14.2671-1.3141i	-12.7810+9.3108i	-13.9958+0.5841i
9.5	0.0309-0.0086i	0.0314-0.0136i	0.0437-0.0229i	0.0331+0.0056i	-13.4502+12.0677i	-14.9864-1.0168i	-10.4411+7.6285i	-14.1117+0.5237i
9.6	0.0339-0.0038i	0.0334-0.0086i	0.0441-0.0157i	0.0366+0.0044i	-12.1344+8.5084i	-15.5605-0.5634i	-9.6063+5.3845i	-14.3704+0.4845i
9.7	0.0400-0.0014i	0.0387-0.0059i	0.0487-0.0109i	0.0401+0.0029i	-12.9216+5.7820i	-15.8872-0.1455i	-10.0866+3.6673i	-14.6541+0.5032i
9.8	0.0446-0.0011i	0.0434-0.0053i	0.0533-0.0091i	0.0426+0.0016i	-13.9251+4.4533i	-16.0884+0.0680i	-10.6937+2.8221i	-14.8759+0.5169i
9.9	0.0499-0.0023i	0.0484-0.0060i	0.0582-0.0087i	0.0453-0.0002i	-15.0570+3.4316i	-16.3736+0.3209i	-11.3751+2.1735i	-15.1637+0.5898i
10.0	0.0541-0.0040i	0.0523-0.0072i	0.0622-0.0091i	0.0475-0.0018i	-16.0675+2.8956i	-16.6625+0.4985i	-12.0000+1.8316i	-15.4496+0.6496i
10.1	0.0568-0.0053i	0.0553-0.0084i	0.0653-0.0096i	0.0494-0.0031i	-16.9292+2.5279i	-16.8820+0.6376i	-12.5159+1.5936i	-15.6689+0.7041i
10.2	0.0597-0.0069i	0.0590-0.0101i	0.0686-0.0108i	0.0515-0.0041i	-17.7827+2.3253i	-17.1281+0.7658i	-13.0162+1.4543i	-15.8986+0.7701i
10.3	0.0625-0.0082i	0.0621-0.0114i	0.0713-0.0120i	0.0539-0.0052i	-18.4860+2.3641i	-17.4432+0.8653i	-13.4411+1.4669i	-16.1668+0.8351i
10.4	0.0651-0.0090i	0.0646-0.0120i	0.0735-0.0125i	0.0560-0.0056i	-19.0103+2.3338i	-17.7589+0.9462i	-13.7615+1.4521i	-16.4220+0.8875i
10.5	0.0688-0.0091i	0.0681-0.0120i	0.0763-0.0125i	0.0593-0.0058i	-19.5795+2.1701i	-18.1959+0.9565i	-14.0773+1.3362i	-16.7586+0.8772i
10.6	0.0725-0.0091i	0.0720-0.0122i	0.0795-0.0122i	0.0628-0.0064i	-20.0842+2.0130i	-18.6566+0.9858i	-14.3565+1.2355i	-17.1013+0.8834i
10.7	0.0769-0.0104i	0.0766-0.0142i	0.0835-0.0130i	0.0665-0.0084i	-20.7660+1.9075i	-19.2080+1.2082i	-14.7489+1.1560i	-17.5231+1.0247i
10.8	0.0814-0.0117i	0.0808-0.0155i	0.0875-0.0137i	0.0701-0.0096i	-21.4902+1.7308i	-19.7006+1.3099i	-15.1630+1.0305i	-17.9067+1.0696i
10.9	0.0855-0.0128i	0.0849-0.0166i	0.0911-0.0144i	0.0732-0.0105i	-22.2129+1.7849i	-20.1369+1.4530i	-15.5772+1.0632i	-18.2499+1.1710i
11.0	0.0907-0.0133i	0.0905-0.0173i	0.0962-0.0149i	0.0776-0.0112i	-23.0081+1.8026i	-20.7456+1.5309i	-16.0273+1.0540i	-18.7108+1.2167i
11.1	0.0958-0.0141i	0.0960-0.0179i	0.1007-0.0154i	0.0820-0.0119i	-23.7217+1.7816i	-21.3305+1.6005i	-16.4317+1.0348i	-19.1534+1.2550i
11.2	0.1022-0.0151i	0.1028-0.0190i	0.1063-0.0165i	0.0875-0.0132i	-24.5430+1.8237i	-22.1209+1.7543i	-16.8944+1.0637i	-19.7432+1.3663i
11.3	0.1091-0.0160i	0.1101-0.0200i	0.1126-0.0173i	0.0936-0.0140i	-25.4235+1.9015i	-22.9686+1.8341i	-17.3542+1.0823i	-20.3665+1.4127i
11.4	0.1161-0.0177i	0.1179-0.0220i	0.1188-0.0186i	0.0996-0.0156i	-26.2751+2.0471i	-23.7742+2.0566i	-17.8198+1.1518i	-20.9616+1.5729i
11.5	0.1244-0.0193i	0.1264-0.0243i	0.1260-0.0201i	0.1067-0.0172i	-27.1491+2.1862i	-24.6697+2.2822i	-18.3039+1.2226i	-21.6121+1.7342i
11.6	0.1329-0.0199i	0.1351-0.0254i	0.1332-0.0209i	0.1139-0.0179i	-28.0993+2.2514i	-25.5952+2.3791i	-18.8414+1.2693i	-22.2895+1.8056i
11.7	0.1435-0.0243i	0.1458-0.0304i	0.1420-0.0250i	0.1229-0.0216i	-29.1888+2.6061i	-26.7184+2.9310i	-19.4277+1.4450i	-23.0975+2.1995i
11.8	0.1554-0.0259i	0.1585-0.0326i	0.1526-0.0268i	0.1331-0.0236i	-30.3861+2.6995i	-28.0779+3.0639i	-20.0809+1.4542i	-24.0904+2.2780i
11.9	0.1688-0.0287i	0.1728-0.0367i	0.1639-0.0294i	0.1445-0.0264i	-31.5622+2.8766i	-29.5650+3.3760i	-20.6988+1.5352i	-25.1497+2.4982i

12.0	0.1842-0.0329i	0.1889-0.0422i	0.1767-0.0334i	0.1576-0.0302i	-32.9753+3.1263i	-31.2232+3.7868i	-21.4541+1.6588i	-26.3396+2.7842i
12.1	0.2053-0.0403i	0.2111-0.0513i	0.1943-0.0402i	0.1756-0.0368i	-34.7219+3.5010i	-33.5241+4.4667i	-22.3442+1.8173i	-27.9709+3.2479i
12.2	0.2205-0.0502i	0.2267-0.0631i	0.2068-0.0491i	0.1886-0.0455i	-35.9091+4.0166i	-35.2097+5.4668i	-22.9420+2.0461i	-29.1577+3.9362i
12.3	0.2402-0.0630i	0.2471-0.0787i	0.2236-0.0606i	0.2054-0.0566i	-37.3846+4.4421i	-37.5060+6.6842i	-23.6703+2.1684i	-30.7644+4.7454i
12.4	0.2632-0.0844i	0.2691-0.1047i	0.2426-0.0793i	0.2252-0.0754i	-39.3799+5.3475i	-40.2701+8.7074i	-24.6827+2.5750i	-32.7090+6.1263i
12.5	0.2837-0.1066i	0.2879-0.1317i	0.2590-0.0987i	0.2428-0.0952i	-41.1545+6.1813i	-42.8763+10.8898i	-25.5735+2.8975i	-34.5443+7.6032i
12.6	0.3007-0.1276i	0.3018-0.1567i	0.2720-0.1172i	0.2570-0.1134i	-42.8369+6.7506i	-45.2020+12.8616i	-26.4554+3.0435i	-36.1941+8.8990i
12.7	0.3230-0.1578i	0.3171-0.1906i	0.2891-0.1429i	0.2756-0.1400i	-45.7873+7.8136i	-48.7086+16.0555i	-28.0782+3.4241i	-38.7432+11.0304i
12.8	0.3362-0.1852i	0.3234-0.2176i	0.2992-0.1654i	0.2864-0.1635i	-48.1294+9.0637i	-51.1458+19.3952i	-29.3828+3.9030i	-40.5363+13.2853i
12.9	0.3619-0.2106i	0.3435-0.2416i	0.3200-0.1863i	0.3085-0.1854i	-50.7342+9.5972i	-55.0260+22.6750i	-30.6991+3.8703i	-43.2763+15.4181i
13.0	0.4073-0.2510i	0.3837-0.2796i	0.3569-0.2203i	0.3476-0.2210i	-54.4219+11.3363i	-61.4060+28.2175i	-32.4816+4.4548i	-47.7170+19.1482i
13.1	0.4595-0.3093i	0.4306-0.3355i	0.3986-0.2698i	0.3909-0.2720i	-58.3847+13.8931i	-68.1665+36.1060i	-34.3635+5.3225i	-52.3991+24.4587i
13.2	0.5408-0.3932i	0.5056-0.4187i	0.4646-0.3412i	0.4593-0.3452i	-63.2832+15.4023i	-78.7251+47.3535i	-36.4956+5.1288i	-59.6054+31.8085i
13.3	0.5774-0.5421i	0.5372-0.5643i	0.4925-0.4661i	0.4895-0.4738i	-67.3977+18.4613i	-83.4256+67.0986i	-38.7945+5.0813i	-63.0013+44.7384i
13.4	0.5921-0.8732i	0.5389-0.8871i	0.4985-0.7429i	0.4974-0.7594i	-74.5608+22.3068i	-85.1589+111.4067i	-43.4642+3.1371i	-64.7823+73.4587i
13.5	0.3786-1.0999i	0.3201-1.0986i	0.3148-0.9274i	0.3092-0.9505i	-79.7530+28.8563i	-55.7106+141.3857i	-49.8196+4.5708i	-46.3734+93.2413i
13.6	-0.0678-1.2673i	-0.1237-1.2398i	-0.0632-1.0562i	-0.0783-1.0848i	-89.7223+37.2964i	5.9158+163.2358i	-62.5041+8.1244i	-7.8367+107.9958i
13.7	-0.4184-1.1388i	-0.4583-1.0956i	-0.3535-0.9397i	-0.3757-0.9663i	-101.2096+46.2073i	55.0016+144.7755i	-74.8817+15.9506i	22.4888+96.9801i
13.8	-0.5964-0.7825i	-0.6076-0.7387i	-0.4925-0.6359i	-0.5172-0.6568i	-118.0050+69.0602i	81.3656+93.5486i	-88.2634+36.1178i	37.7365+66.3586i
13.9	-0.5614-0.5865i	-0.5568-0.5523i	-0.4571-0.4717i	-0.4790-0.4908i	-126.6010+98.6349i	77.7346+62.6870i	-93.3031+58.3982i	34.6021+49.3762i
14.0	-0.4990-0.4905i	-0.4840-0.4705i	-0.4009-0.3921i	-0.4188-0.4142i	-127.0826+147.3566i	69.1791+42.4789i	-92.6509+92.1290i	29.0904+41.0204i
14.1	-0.4731-0.4582i	-0.4569-0.4553i	-0.3756-0.3656i	-0.3952-0.3963i	-90.3950+202.1267i	59.9012+30.0136i	-67.7000+128.9218i	26.6129+38.1594i
14.2	-0.5016-0.4250i	-0.4941-0.4379i	-0.3950-0.3389i	-0.4250-0.3776i	-13.1187+234.3444i	51.7580+21.0350i	-16.4991+150.6517i	28.6657+35.4210i
14.3	-0.5396-0.3449i	-0.5461-0.3619i	-0.4221-0.2740i	-0.4670-0.3112i	70.9243+211.6759i	43.7265+14.1525i	39.0912+136.3431i	31.3820+28.8551i
14.4	-0.5372-0.2628i	-0.5539-0.2744i	-0.4178-0.2088i	-0.4715-0.2365i	111.9825+154.0881i	36.9384+12.2087i	66.3923+98.9571i	30.8374+22.1928i
14.5	-0.5078-0.2045i	-0.5281-0.2104i	-0.3932-0.1629i	-0.4483-0.1821i	115.7309+110.3152i	32.4280+11.3690i	69.1759+70.5369i	28.2730+17.5610i
14.6	-0.4690-0.1607i	-0.4908-0.1611i	-0.3613-0.1282i	-0.4152-0.1406i	105.5435+76.6528i	28.7926+11.0040i	62.8513+48.6360i	24.9712+14.1891i
14.7	-0.4362-0.1329i	-0.4579-0.1291i	-0.3341-0.1065i	-0.3865-0.1144i	95.2828+55.0564i	25.8648+11.1259i	56.3919+34.5709i	22.1118+12.2602i
14.8	-0.4157-0.1260i	-0.4367-0.1197i	-0.3179-0.1015i	-0.3684-0.1071i	86.4859+46.2182i	24.7392+11.9389i	50.7423+28.7511i	20.5651+11.9715i
14.9	-0.3973-0.1097i	-0.4167-0.0963i	-0.3044-0.0876i	-0.3514-0.0894i	75.6393+33.3200i	24.8031+12.1864i	43.6275+20.3499i	19.6004+10.9419i
15.0	-0.3834-0.0925i	-0.3933-0.0789i	-0.2910-0.0736i	-0.3353-0.0742i	66.7312+26.7927i	24.8477+10.5823i	37.8181+16.2634i	18.8118+9.2920i
15.1	-0.3708-0.0767i	-0.3784-0.0670i	-0.2808-0.0614i	-0.3230-0.0618i	60.8827+22.4039i	24.3578+8.7183i	34.0393+13.5895i	17.9524+7.6729i
15.2	-0.3549-0.0614i	-0.3631-0.0518i	-0.2682-0.0482i	-0.3092-0.0485i	55.5846+18.6254i	23.1766+6.8062i	30.6920+11.3259i	16.6956+6.0922i
15.3	-0.3388-0.0501i	-0.3457-0.0406i	-0.2542-0.0381i	-0.2947-0.0386i	51.0237+15.5969i	21.4880+5.2629i	27.8911+9.5397i	15.1797+4.8178i
15.4	-0.3249-0.0434i	-0.3314-0.0346i	-0.2420-0.0324i	-0.2822-0.0331i	47.1382+13.6619i	19.8662+4.4056i	25.5130+8.3711i	13.7622+4.0855i
15.5	-0.3104-0.0382i	-0.3164-0.0295i	-0.2292-0.0279i	-0.2689-0.0286i	43.2662+11.8159i	18.0435+3.7852i	23.1621+7.2498i	12.2199+3.5156i
15.6	-0.3017-0.0333i	-0.3058-0.0250i	-0.2210-0.0242i	-0.2603-0.0246i	40.6207+10.6094i	16.9136+3.3731i	21.5789+6.4954i	11.2476+3.1417i
15.7	-0.2910-0.0288i	-0.2947-0.0222i	-0.2113-0.0214i	-0.2505-0.0216i	37.5824+9.2718i	15.5367+3.1671i	19.7335+5.6514i	10.0634+2.8915i
15.8	-0.2813-0.0251i	-0.2846-0.0191i	-0.2028-0.0185i	-0.2415-0.0189i	35.1040+7.8963i	14.2947+2.9867i	18.2240+4.7698i	9.0301+2.6467i
15.9	-0.2737-0.0223i	-0.2767-0.0172i	-0.1960-0.0169i	-0.2344-0.0172i	32.8556+7.1268i	13.3171+2.9723i	16.8509+4.2839i	8.1879+2.5753i
16.0	-0.2692-0.0197i	-0.2719-0.0149i	-0.1914-0.0149i	-0.2299-0.0153i	31.0782+6.4350i	12.6207+2.9113i	15.7618+3.8533i	7.5624+2.4858i
16.1	-0.2638-0.0161i	-0.2660-0.0122i	-0.1862-0.0127i	-0.2250-0.0133i	29.3270+5.8482i	11.8739+2.8738i	14.6753+3.4722i	6.9149+2.4149i
16.2	-0.2566-0.0149i	-0.2598-0.0120i	-0.1805-0.0128i	-0.2192-0.0128i	27.5734+5.6915i	11.1515+3.0572i	13.6127+3.3696i	6.2885+2.5178i
16.3	-0.2530-0.0108i	-0.2560-0.0087i	-0.1773-0.0103i	-0.2159-0.0101i	26.4250+5.1782i	10.6698+2.9458i	12.9203+3.0492i	5.8710+2.4088i
16.4	-0.2477-0.0083i	-0.2513-0.0066i	-0.1728-0.0089i	-0.2113-0.0086i	25.0217+4.8831i	10.0427+3.0358i	12.0664+2.8520i	5.3337+2.4440i
16.5	-0.2431-0.0059i	-0.2474-0.0044i	-0.1691-0.0072i	-0.2077-0.0071i	23.9825+4.5420i	9.5741+3.1724i	11.4434+2.6150i	4.9316+2.5094i
16.6	-0.2373-0.0028i	-0.2419-0.0016i	-0.1644-0.0056i	-0.2034-0.0054i	22.8326+4.2198i	9.1848+3.3575i	10.7317+2.3848i	4.5809+2.6085i
16.7	-0.2305-0.0021i	-0.2360-0.0013i	-0.1597-0.0055i	-0.1992-0.0046i	21.9549+3.9965i	9.0361+3.4093i	10.1623+2.2351i	4.4195+2.6209i
16.8	-0.2271-0.0014i	-0.2330-0.0006i	-0.1572-0.0051i	-0.1968-0.0036i	21.2176+3.5559i	9.0944+3.2925i	9.6762+1.9602i	4.3940+2.5124i
16.9	-0.2244-0.0015i	-0.2307+0.0003i	-0.1550-0.0045i	-0.1940-0.0023i	20.1744+3.0011i	8.8027+2.7755i	9.0119+1.6647i	4.1030+2.1197i
17.0	-0.2215-0.0014i	-0.2279+0.0008i	-0.1523-0.0043i	-0.1912-0.0023i	19.1961+2.9410i	8.2807+2.8706i	8.4309+1.6183i	3.6682+2.1762i
17.1	-0.2179-0.0015i	-0.2245+0.0011i	-0.1495-0.0040i	-0.1884-0.0018i	18.3633+2.8270i	8.0702+2.7846i	7.9215+1.5551i	3.4671+2.1047i
17.2	-0.2170-0.0009i	-0.2234+0.0022i	-0.1482-0.0033i	-0.1870-0.0005i	17.7610+2.4987i	7.6893+2.3118i	7.5651+1.3878i	3.1589+1.7613i
17.3	-0.2167+0.0017i	-0.2227+0.0041i	-0.1471-0.0022i	-0.1854+0.0010i	16.9226+2.2953i	6.9800+2.3586i	7.0816+1.2516i	2.6063+1.7851i
17.4	-0.2153+0.0039i	-0.2215+0.0059i	-0.1458-0.0012i	-0.1838+0.0022i	16.2821+2.2302i	6.5894+2.6380i	6.6938+1.1790i	2.2876+1.9692i
17.5	-0.2123+0.0056i	-0.2186+0.0077i	-0.1435+0.0002i	-0.1815+0.0030i	15.5993+2.2408i	6.4900+2.8496i	6.2764+1.1774i	2.1663+2.1195i
17.6	-0.2119+0.0059i	-0.2176+0.0083i	-0.1423+0.0008i	-0.1806+0.0033i	15.1889+2.1568i	6.2278+2.8398i	6.0375+1.1217i	1.9529+2.1022i
17.7	-0.2116+0.0074i	-0.2167+0.0098i	-0.1414+0.0016i	-0.1798+0.0040i	14.7396+2.1459i	5.9251+3.0441i	5.7717+1.0934i	1.7096+2.2385i
17.8	-0.2099+0.0099i	-0.2147+0.0122i	-0.1398+0.0026i	-0.1786+0.0055i	14.2461+2.0179i	5.8446+3.3815i	5.4742+0.9816i	1.6147+2.4574i
17.9	-0.2055+0.0134i	-0.2107+0.0150i	-0.1368+0.0043i	-0.1761+0.0077i	13.7716+1.7523i	6.0727+3.4820i	5.1454+0.7959i	1.7422+2.5096i
18.0	-0.2030+0.0132i	-0.2084+0.0149i	-0.1354+0.0044i	-0.1744+0.0083i	13.3897+1.5607i	6.3426+3.3137i	4.8557+0.6937i	1.8942+2.3809i
18.1	-0.2011+0.0123i	-0.2068+0.0140i	-0.1341+0.0040i	-0.1728+0.0080i	12.8769+1.4062i	6.3659+2.9966i	4.5085+0.6181i	1.8651+2.1447i
18.2	-0.2008+0.0119i	-0.2068+0.0139i	-0.1337+0.0038i	-0.1726+0.0080i	12.3943+1.2553i	6.1576+2.7145i	4.2032+0.5530i	1.6753+1.9378i

18.3	-0.2015+0.0127i	-0.2067+0.0145i	-0.1338+0.0048i	-0.1721+0.0087i	11.8950+1.1763i	6.0042+2.4199i	3.8986+0.5408i	1.5224+1.7415i
18.4	-0.2009+0.0138i	-0.2061+0.0147i	-0.1328+0.0058i	-0.1713+0.0091i	11.4643+1.1850i	5.7775+2.2136i	3.6449+0.5764i	1.3361+1.6084i
18.5	-0.2035+0.0138i	-0.2087+0.0149i	-0.1330+0.0062i	-0.1730+0.0084i	11.1396+1.2998i	5.2622+2.0905i	3.4959+0.6700i	0.9567+1.5344i
18.6	-0.2059+0.0183i	-0.2109+0.0185i	-0.1327+0.0078i	-0.1751+0.0120i	11.0678+1.2207i	4.8620+2.3306i	3.4930+0.5942i	0.6790+1.6992i
18.7	-0.2035+0.0233i	-0.2082+0.0228i	-0.1312+0.0091i	-0.1732+0.0167i	10.8376+0.8766i	5.0031+2.7021i	3.3338+0.3083i	0.7584+1.9180i
18.8	-0.2003+0.0232i	-0.2058+0.0224i	-0.1306+0.0090i	-0.1707+0.0170i	10.3826+0.7410i	5.1759+2.5362i	3.0076+0.2312i	0.8336+1.7905i
18.9	-0.1987+0.0240i	-0.2048+0.0224i	-0.1301+0.0092i	-0.1692+0.0174i	9.9711+0.6169i	5.1504+2.3444i	2.7418+0.1627i	0.7768+1.6515i
19.0	-0.1982+0.0239i	-0.2040+0.0218i	-0.1294+0.0093i	-0.1681+0.0173i	9.5602+0.5678i	5.0737+2.1525i	2.4842+0.1434i	0.6918+1.5126i
19.1	-0.1993+0.0250i	-0.2059+0.0219i	-0.1302+0.0097i	-0.1683+0.0178i	9.2289+0.5594i	4.8756+1.9604i	2.2802+0.1569i	0.5281+1.3882i
19.2	-0.2004+0.0263i	-0.2078+0.0227i	-0.1309+0.0104i	-0.1686+0.0186i	8.9243+0.5469i	4.6714+1.8571i	2.0959+0.1628i	0.3598+1.3190i
19.3	-0.2018+0.0278i	-0.2097+0.0243i	-0.1320+0.0116i	-0.1694+0.0197i	8.5569+0.4568i	4.4400+1.7342i	1.8748+0.1225i	0.1698+1.2331i
19.4	-0.2010+0.0300i	-0.2103+0.0266i	-0.1319+0.0130i	-0.1692+0.0212i	8.2788+0.4055i	4.2782+1.6707i	1.7037+0.0990i	0.0334+1.1934i
19.5	-0.2010+0.0322i	-0.2120+0.0288i	-0.1322+0.0144i	-0.1692+0.0225i	7.9582+0.3851i	4.0989+1.5943i	1.5095+0.0843i	-0.1158+1.1423i
19.6	-0.2018+0.0326i	-0.2144+0.0295i	-0.1333+0.0147i	-0.1696+0.0233i	7.6134+0.4017i	3.9628+1.5560i	1.3007+0.0981i	-0.2430+1.1146i
19.7	-0.2044+0.0341i	-0.2179+0.0313i	-0.1350+0.0159i	-0.1709+0.0239i	7.3318+0.4196i	3.7909+1.4657i	1.1333+0.1233i	-0.3874+1.0599i
19.8	-0.2039+0.0352i	-0.2192+0.0332i	-0.1352+0.0172i	-0.1712+0.0245i	7.1739+0.4402i	3.6482+1.3945i	1.0257+0.1440i	-0.5023+1.0211i
19.9	-0.2047+0.0374i	-0.2211+0.0361i	-0.1358+0.0189i	-0.1719+0.0260i	6.9115+0.5171i	3.3990+1.3751i	0.8723+0.1923i	-0.6983+1.0110i
20.0	-0.2097+0.0402i	-0.2267+0.0401i	-0.1391+0.0211i	-0.1750+0.0283i	6.7245+0.5142i	3.1720+1.3411i	0.7673+0.2118i	-0.8843+0.9992i
20.1	-0.2104+0.0415i	-0.2295+0.0430i	-0.1400+0.0226i	-0.1761+0.0295i	6.4995+0.5370i	3.0027+1.3563i	0.6540+0.2253i	-1.0245+1.0112i
20.2	-0.2124+0.0433i	-0.2328+0.0460i	-0.1414+0.0241i	-0.1775+0.0313i	6.3234+0.5203i	2.8274+1.3364i	0.5432+0.2258i	-1.1647+1.0104i
20.3	-0.2175+0.0502i	-0.2386+0.0551i	-0.1449+0.0290i	-0.1806+0.0364i	6.1407+0.4999i	2.6030+1.4118i	0.4270+0.2074i	-1.3391+1.0715i
20.4	-0.2195+0.0556i	-0.2411+0.0622i	-0.1464+0.0331i	-0.1819+0.0404i	5.9481+0.5338i	2.4773+1.4953i	0.3120+0.2269i	-1.4452+1.1424i
20.5	-0.2217+0.0628i	-0.2439+0.0719i	-0.1478+0.0385i	-0.1831+0.0456i	5.8115+0.5707i	2.3415+1.5717i	0.2223+0.2538i	-1.5537+1.2131i
20.6	-0.2245+0.0723i	-0.2472+0.0849i	-0.1491+0.0457i	-0.1852+0.0526i	5.6402+0.6288i	2.1749+1.6886i	0.1394+0.2855i	-1.6820+1.3163i
20.7	-0.2240+0.0816i	-0.2472+0.0975i	-0.1490+0.0526i	-0.1852+0.0591i	5.5328+0.5919i	2.0800+1.8071i	0.0701+0.2673i	-1.7605+1.4087i
20.8	-0.2197+0.0918i	-0.2403+0.1118i	-0.1456+0.0602i	-0.1812+0.0668i	5.3979+0.6814i	2.0411+2.0098i	-0.0027+0.3080i	-1.7864+1.5596i
20.9	-0.2136+0.0985i	-0.2315+0.1213i	-0.1404+0.0651i	-0.1766+0.0717i	5.2543+0.7173i	2.0602+2.0345i	-0.0665+0.3246i	-1.7671+1.5904i
21.0	-0.2079+0.1038i	-0.2222+0.1294i	-0.1356+0.0692i	-0.1718+0.0764i	5.1911+0.7074i	2.0342+2.0820i	-0.1133+0.3081i	-1.7870+1.6308i
21.1	-0.2025+0.1044i	-0.2124+0.1309i	-0.1308+0.0698i	-0.1670+0.0772i	5.0988+0.6688i	2.0311+2.0666i	-0.1813+0.2843i	-1.7943+1.6154i
21.2	-0.1953+0.1080i	-0.2006+0.1358i	-0.1245+0.0726i	-0.1612+0.0801i	4.9605+0.6350i	2.0555+2.0996i	-0.2617+0.2596i	-1.7805+1.6346i
21.3	-0.1928+0.1094i	-0.1959+0.1365i	-0.1219+0.0732i	-0.1589+0.0808i	4.8696+0.5417i	1.9872+2.0511i	-0.3155+0.2137i	-1.8288+1.6025i
21.4	-0.1848+0.1082i	-0.1834+0.1354i	-0.1161+0.0718i	-0.1526+0.0805i	4.7510+0.5015i	2.0044+2.0014i	-0.4055+0.1841i	-1.8169+1.5589i
21.5	-0.1827+0.1064i	-0.1768+0.1315i	-0.1132+0.0703i	-0.1491+0.0788i	4.6022+0.4678i	1.9416+1.9554i	-0.4954+0.1617i	-1.8725+1.5155i
21.6	-0.1856+0.1075i	-0.1770+0.1302i	-0.1141+0.0705i	-0.1498+0.0788i	4.4221+0.4243i	1.8217+1.9370i	-0.5835+0.1326i	-1.9755+1.5043i
21.7	-0.1887+0.1082i	-0.1784+0.1284i	-0.1153+0.0699i	-0.1511+0.0785i	4.2693+0.3981i	1.7089+1.9002i	-0.6588+0.1286i	-2.0672+1.4802i
21.8	-0.1927+0.1099i	-0.1814+0.1272i	-0.1178+0.0699i	-0.1528+0.0789i	4.1095+0.3887i	1.5561+1.8937i	-0.7470+0.1191i	-2.1938+1.4804i
21.9	-0.2004+0.1140i	-0.1889+0.1287i	-0.1229+0.0719i	-0.1574+0.0808i	3.9839+0.3731i	1.3655+1.9367i	-0.8183+0.1073i	-2.3429+1.5206i
22.0	-0.2052+0.1219i	-0.1919+0.1339i	-0.1257+0.0762i	-0.1594+0.0849i	3.8444+0.3817i	1.2285+2.0136i	-0.8846+0.0972i	-2.4621+1.5770i
22.1	-0.2133+0.1312i	-0.1990+0.1398i	-0.1305+0.0812i	-0.1639+0.0893i	3.7453+0.4121i	1.0472+2.1182i	-0.9667+0.1062i	-2.6157+1.6669i
22.2	-0.2144+0.1481i	-0.1998+0.1547i	-0.1312+0.0915i	-0.1648+0.0989i	3.6512+0.4219i	0.9828+2.3231i	-1.0289+0.1034i	-2.6762+1.8367i
22.3	-0.2135+0.1750i	-0.2002+0.1783i	-0.1312+0.1074i	-0.1645+0.1145i	3.4901+0.4485i	0.9306+2.6246i	-1.1110+0.0814i	-2.7235+2.0816i
22.4	-0.2096+0.2045i	-0.1971+0.2057i	-0.1288+0.1254i	-0.1620+0.1323i	3.3556+0.4437i	0.9041+2.9445i	-1.1918+0.0706i	-2.7397+2.3362i
22.5	-0.1981+0.2315i	-0.1860+0.2311i	-0.1214+0.1422i	-0.1547+0.1488i	3.2529+0.4517i	0.9857+3.2259i	-1.2563+0.0630i	-2.6750+2.5678i
22.6	-0.1695+0.2596i	-0.1594+0.2566i	-0.1045+0.1597i	-0.1381+0.1655i	3.1945+0.5224i	1.2424+3.5154i	-1.3201+0.0718i	-2.4711+2.8110i
22.7	-0.1282+0.2685i	-0.1205+0.2635i	-0.0790+0.1648i	-0.1137+0.1701i	3.1546+0.5500i	1.6296+3.6005i	-1.3932+0.0900i	-2.1614+2.8784i
22.8	-0.0917+0.2695i	-0.0850+0.2631i	-0.0557+0.1650i	-0.0908+0.1705i	3.1175+0.5951i	1.9729+3.5776i	-1.4411+0.1100i	-1.8817+2.8661i
22.9	-0.0391+0.2576i	-0.0361+0.2503i	-0.0235+0.1578i	-0.0589+0.1631i	2.9928+0.5667i	2.4398+3.3940i	-1.5249+0.1000i	-1.4986+2.7243i
23.0	-0.0101+0.2317i	-0.0083+0.2254i	-0.0058+0.1420i	-0.0415+0.1474i	2.9480+0.4890i	2.6911+3.1026i	-1.5794+0.0865i	-1.2928+2.4866i
23.1	0.0082+0.1945i	0.0078+0.1894i	0.0052+0.1190i	-0.0307+0.1243i	2.8903+0.4704i	2.8245+2.6692i	-1.6533+0.1018i	-1.1891+2.1413i
23.2	0.0158+0.1685i	0.0142+0.1637i	0.0100+0.1030i	-0.0262+0.1079i	2.7996+0.4545i	2.8254+2.3557i	-1.7029+0.1129i	-1.1878+1.8919i
23.3	0.0157+0.1411i	0.0145+0.1368i	0.0099+0.0860i	-0.0264+0.0907i	2.7396+0.3978i	2.7286+2.0704i	-1.7457+0.1093i	-1.2611+1.6509i
23.4	0.0123+0.1156i	0.0100+0.1121i	0.0079+0.0703i	-0.0293+0.0752i	2.6389+0.3769i	2.5842+1.7979i	-1.7999+0.1084i	-1.3901+1.4272i
23.5	0.0108+0.0974i	0.0080+0.0940i	0.0072+0.0587i	-0.0300+0.0639i	2.5704+0.3366i	2.4827+1.5991i	-1.8367+0.1061i	-1.4751+1.2663i
23.6	-0.0016+0.0844i	-0.0040+0.0803i	-0.0003+0.0504i	-0.0375+0.0556i	2.5026+0.3189i	2.2748+1.4615i	-1.8796+0.1084i	-1.6343+1.1615i
23.7	-0.0132+0.0693i	-0.0158+0.0658i	-0.0074+0.0411i	-0.0452+0.0467i	2.3698+0.3253i	2.0618+1.3459i	-1.9328+0.1106i	-1.8081+1.0620i
23.8	-0.0219+0.0616i	-0.0247+0.0579i	-0.0132+0.0363i	-0.0509+0.0420i	2.2672+0.3451i	1.9044+1.3003i	-1.9780+0.1148i	-1.9403+1.0231i
23.9	-0.0323+0.0580i	-0.0358+0.0539i	-0.0199+0.0340i	-0.0580+0.0395i	2.2012+0.3106i	1.7329+1.2550i	-2.0277+0.0994i	-2.0820+0.9869i
24.0	-0.0397+0.0537i	-0.0440+0.0496i	-0.0249+0.0313i	-0.0631+0.0365i	2.0974+0.2752i	1.5994+1.2062i	-2.0751+0.0783i	-2.1951+0.9442i
24.1	-0.0477+0.0508i	-0.0523+0.0458i	-0.0300+0.0292i	-0.0679+0.0346i	2.0231+0.2997i	1.4650+1.1953i	-2.1278+0.0944i	-2.3175+0.9442i
24.2	-0.0547+0.0473i	-0.0608+0.0423i	-0.0346+0.0267i	-0.0729+0.0326i	1.9230+0.3233i	1.3099+1.1844i	-2.1907+0.0992i	-2.4417+0.9359i
24.3	-0.0627+0.0445i	-0.0690+0.0404i	-0.0397+0.0259i	-0.0782+0.0312i	1.8310+0.3079i	1.1666+1.1603i	-2.2320+0.1061i	-2.5539+0.9157i
24.4	-0.0690+0.0444i	-0.0767+0.0401i	-0.0440+0.0260i	-0.0831+0.0312i	1.7523+0.3106i	1.0394+1.1790i	-2.2768+0.1035i	-2.6677+0.9346i
24.5	-0.0759+0.0437i	-0.0844+0.0398i	-0.0486+0.0256i	-0.0876+0.0309i	1.6847+0.3318i	0.8959+1.1858i	-2.3170+0.1107i	-2.7911+0.9396i

24.6	-0.0824+0.0438i	-0.0911+0.0406i	-0.0525+0.0258i	-0.0921+0.0310i	1.5956+0.3459i	0.7377+1.2208i	-2.3660+0.1233i	-2.9136+0.9669i
24.7	-0.0882+0.0449i	-0.0981+0.0418i	-0.0562+0.0265i	-0.0966+0.0320i	1.5021+0.3515i	0.6250+1.2568i	-2.4069+0.1238i	-3.0165+0.9913i
24.8	-0.0946+0.0455i	-0.1054+0.0427i	-0.0602+0.0270i	-0.1013+0.0331i	1.4192+0.3162i	0.5061+1.2871i	-2.4416+0.1166i	-3.1291+1.0189i
24.9	-0.0998+0.0483i	-0.1116+0.0463i	-0.0641+0.0290i	-0.1052+0.0359i	1.3441+0.3642i	0.3841+1.3591i	-2.4715+0.1224i	-3.2364+1.0837i
25.0	-0.1056+0.0489i	-0.1178+0.0482i	-0.0675+0.0298i	-0.1093+0.0371i	1.2444+0.3779i	0.2238+1.4191i	-2.5208+0.1198i	-3.3578+1.1266i
25.1	-0.1104+0.0515i	-0.1235+0.0512i	-0.0711+0.0313i	-0.1129+0.0392i	1.1819+0.3665i	0.1258+1.4896i	-2.5565+0.1092i	-3.4348+1.1818i
25.2	-0.1153+0.0549i	-0.1291+0.0557i	-0.0746+0.0336i	-0.1163+0.0420i	1.1329+0.3644i	-0.0032+1.5715i	-2.5972+0.1051i	-3.5440+1.2486i
25.3	-0.1216+0.0580i	-0.1356+0.0605i	-0.0784+0.0361i	-0.1206+0.0450i	1.0615+0.3773i	-0.1452+1.6518i	-2.6438+0.1071i	-3.6681+1.3204i
25.4	-0.1248+0.0619i	-0.1398+0.0656i	-0.0810+0.0393i	-0.1233+0.0483i	0.9971+0.3681i	-0.2286+1.7560i	-2.6687+0.1000i	-3.7386+1.4122i
25.5	-0.1304+0.0679i	-0.1454+0.0739i	-0.0843+0.0439i	-0.1273+0.0537i	0.9020+0.3955i	-0.3632+1.9570i	-2.7159+0.0996i	-3.8526+1.5751i
25.6	-0.1353+0.0744i	-0.1500+0.0816i	-0.0872+0.0478i	-0.1304+0.0590i	0.8260+0.4414i	-0.4638+2.1265i	-2.7571+0.1078i	-3.9431+1.7095i
25.7	-0.1370+0.0853i	-0.1515+0.0950i	-0.0883+0.0556i	-0.1308+0.0682i	0.7356+0.4635i	-0.4984+2.3996i	-2.8143+0.0912i	-3.9813+1.9380i
25.8	-0.1383+0.0921i	-0.1520+0.1040i	-0.0892+0.0608i	-0.1314+0.0743i	0.6812+0.4774i	-0.4711+2.6099i	-2.8615+0.0647i	-3.9682+2.1037i
25.9	-0.1400+0.0988i	-0.1526+0.1126i	-0.0903+0.0662i	-0.1319+0.0800i	0.6043+0.4480i	-0.4588+2.7809i	-2.9256+0.0627i	-3.9719+2.2339i
26.0	-0.1383+0.1073i	-0.1491+0.1223i	-0.0889+0.0720i	-0.1290+0.0862i	0.5286+0.5362i	-0.4006+2.9750i	-3.0077+0.1000i	-3.9382+2.3947i
26.1	-0.1348+0.1151i	-0.1427+0.1318i	-0.0860+0.0778i	-0.1249+0.0924i	0.4818+0.6162i	-0.2713+3.1491i	-3.0620+0.1320i	-3.8389+2.5572i
26.2	-0.1301+0.1226i	-0.1344+0.1399i	-0.0820+0.0834i	-0.1197+0.0976i	0.4587+0.6689i	-0.0906+3.2830i	-3.0840+0.1523i	-3.6976+2.6815i
26.3	-0.1259+0.1282i	-0.1277+0.1458i	-0.0788+0.0874i	-0.1155+0.1015i	0.4478+0.7163i	0.0396+3.3864i	-3.0942+0.1599i	-3.5924+2.7753i
26.4	-0.1211+0.1319i	-0.1201+0.1491i	-0.0751+0.0901i	-0.1103+0.1036i	0.4195+0.7072i	0.1771+3.4290i	-3.1266+0.1589i	-3.4860+2.8125i
26.5	-0.1170+0.1356i	-0.1137+0.1510i	-0.0716+0.0928i	-0.1062+0.1052i	0.4045+0.7252i	0.3067+3.4520i	-3.1539+0.1588i	-3.3858+2.8477i
26.6	-0.1132+0.1397i	-0.1081+0.1529i	-0.0680+0.0956i	-0.1030+0.1068i	0.3820+0.7363i	0.4080+3.4858i	-3.1821+0.1634i	-3.3003+2.8857i
26.7	-0.1123+0.1438i	-0.1058+0.1555i	-0.0669+0.0986i	-0.1015+0.1087i	0.3425+0.7451i	0.4802+3.5586i	-3.2010+0.1470i	-3.2530+2.9406i
26.8	-0.1116+0.1464i	-0.1048+0.1561i	-0.0664+0.0998i	-0.1010+0.1090i	0.2992+0.7635i	0.5089+3.5719i	-3.2514+0.1565i	-3.2362+2.9512i
26.9	-0.1087+0.1525i	-0.1016+0.1608i	-0.0640+0.1037i	-0.0990+0.1128i	0.3080+0.7647i	0.5789+3.6690i	-3.3005+0.1656i	-3.1883+3.0441i
27.0	-0.1048+0.1601i	-0.0964+0.1677i	-0.0607+0.1094i	-0.0954+0.1176i	0.2548+0.7832i	0.6964+3.7801i	-3.3468+0.1666i	-3.0961+3.1496i
27.1	-0.0972+0.1679i	-0.0886+0.1736i	-0.0551+0.1147i	-0.0898+0.1219i	0.1715+0.7984i	0.8599+3.8649i	-3.4137+0.1609i	-2.9550+3.2417i
27.2	-0.0893+0.1788i	-0.0798+0.1826i	-0.0487+0.1222i	-0.0840+0.1280i	0.1260+0.7923i	1.0740+4.0284i	-3.4668+0.1830i	-2.7957+3.3897i
27.3	-0.0790+0.1843i	-0.0690+0.1856i	-0.0409+0.1253i	-0.0770+0.1300i	0.1232+0.7849i	1.3174+4.0889i	-3.5106+0.2083i	-2.6010+3.4354i
27.4	-0.0656+0.1903i	-0.0548+0.1904i	-0.0312+0.1299i	-0.0678+0.1333i	0.1223+0.7734i	1.6115+4.1150i	-3.5497+0.1984i	-2.3478+3.4786i
27.5	-0.0506+0.1881i	-0.0396+0.1863i	-0.0202+0.1279i	-0.0581+0.1309i	0.1417+0.7833i	1.9183+3.9649i	-3.5903+0.2306i	-2.0866+3.3756i
27.6	-0.0358+0.1850i	-0.0253+0.1816i	-0.0098+0.1248i	-0.0486+0.1275i	0.0964+0.7472i	2.2042+3.8206i	-3.6380+0.2500i	-1.8426+3.2565i
27.7	-0.0181+0.1760i	-0.0095+0.1701i	0.0030+0.1176i	-0.0374+0.1206i	0.0542+0.7633i	2.4559+3.4951i	-3.7160+0.2852i	-1.6167+3.0060i
27.8	-0.0083+0.1684i	-0.0007+0.1609i	0.0105+0.1120i	-0.0310+0.1152i	0.0056+0.7357i	2.6070+3.2291i	-3.7590+0.2791i	-1.4839+2.7998i
27.9	-0.0003+0.1614i	0.0054+0.1521i	0.0159+0.1063i	-0.0274+0.1092i	-0.0136+0.7249i	2.7015+2.9953i	-3.7949+0.2896i	-1.4010+2.6106i
28.0	0.0033+0.1509i	0.0071+0.1403i	0.0183+0.0978i	-0.0264+0.1018i	-0.0852+0.7124i	2.6975+2.7633i	-3.8290+0.3368i	-1.4028+2.4019i
28.1	0.0107+0.1398i	0.0121+0.1286i	0.0224+0.0891i	-0.0222+0.0951i	-0.1331+0.6862i	2.7512+2.4772i	-3.8687+0.3389i	-1.3520+2.1767i
28.2	0.0181+0.1308i	0.0170+0.1190i	0.0258+0.0826i	-0.0178+0.0894i	-0.2294+0.6724i	2.8284+2.2577i	-3.9321+0.3473i	-1.2906+2.0121i
28.3	0.0226+0.1176i	0.0184+0.1071i	0.0279+0.0742i	-0.0167+0.0798i	-0.2816+0.7195i	2.8250+1.9964i	-3.9625+0.4012i	-1.2882+1.7941i
28.4	0.0203+0.1053i	0.0145+0.0959i	0.0271+0.0664i	-0.0194+0.0720i	-0.3460+0.7593i	2.6754+1.7592i	-3.9931+0.4777i	-1.4090+1.5933i
28.5	0.0150+0.0958i	0.0080+0.0880i	0.0241+0.0598i	-0.0239+0.0665i	-0.4243+0.7599i	2.5132+1.6473i	-4.0083+0.5731i	-1.5618+1.4897i
28.6	0.0098+0.0863i	0.0032+0.0802i	0.0206+0.0536i	-0.0278+0.0612i	-0.4663+0.7997i	2.4108+1.4940i	-4.0293+0.6023i	-1.6490+1.3618i
28.7	0.0049+0.0777i	-0.0008+0.0736i	0.0174+0.0481i	-0.0311+0.0565i	-0.5180+0.8513i	2.3135+1.3301i	-4.0544+0.6065i	-1.7255+1.2299i
28.8	0.0003+0.0717i	-0.0055+0.0688i	0.0149+0.0442i	-0.0340+0.0534i	-0.5915+0.9053i	2.1817+1.1951i	-4.0851+0.6678i	-1.8350+1.1313i
28.9	-0.0040+0.0659i	-0.0097+0.0637i	0.0122+0.0397i	-0.0371+0.0501i	-0.6210+0.8799i	2.0696+1.0637i	-4.0911+0.7362i	-1.9328+1.0320i
29.0	-0.0089+0.0604i	-0.0145+0.0602i	0.0093+0.0363i	-0.0405+0.0474i	-0.6454+0.9295i	1.9361+0.9502i	-4.1298+0.7763i	-2.0380+0.9480i
29.1	-0.0151+0.0574i	-0.0197+0.0578i	0.0054+0.0344i	-0.0445+0.0462i	-0.6393+0.9402i	1.7923+0.8793i	-4.1384+0.8281i	-2.1664+0.9016i
29.2	-0.0243+0.0563i	-0.0263+0.0567i	-0.0001+0.0338i	-0.0502+0.0456i	-0.6929+1.0559i	1.6354+0.8791i	-4.1127+0.9086i	-2.3063+0.8939i
29.3	-0.0299+0.0544i	-0.0302+0.0556i	-0.0032+0.0325i	-0.0532+0.0444i	-0.7243+1.1725i	1.5244+0.8423i	-4.1393+0.9435i	-2.3905+0.8558i
29.4	-0.0364+0.0534i	-0.0359+0.0549i	-0.0076+0.0312i	-0.0573+0.0442i	-0.7452+1.1950i	1.3914+0.7977i	-4.1037+0.9507i	-2.4869+0.8249i
29.5	-0.0423+0.0514i	-0.0396+0.0531i	-0.0104+0.0299i	-0.0606+0.0434i	-0.7364+1.1842i	1.3036+0.7398i	-4.0644+0.9717i	-2.5686+0.7885i
29.6	-0.0482+0.0504i	-0.0441+0.0519i	-0.0135+0.0291i	-0.0645+0.0431i	-0.7521+1.2291i	1.1833+0.7277i	-4.0324+1.0069i	-2.6727+0.7791i
29.7	-0.0549+0.0505i	-0.0485+0.0503i	-0.0170+0.0280i	-0.0680+0.0427i	-0.7778+1.1828i	1.0213+0.6859i	-4.0280+1.0061i	-2.7860+0.7527i
29.8	-0.0609+0.0528i	-0.0530+0.0520i	-0.0207+0.0284i	-0.0718+0.0448i	-0.7672+1.1781i	0.9328+0.7080i	-4.0151+1.0239i	-2.8588+0.7692i
29.9	-0.0677+0.0570i	-0.0581+0.0545i	-0.0243+0.0298i	-0.0762+0.0476i	-0.7550+1.2098i	0.8095+0.7565i	-3.9807+1.0388i	-2.9777+0.8227i
30.0	-0.0715+0.0591i	-0.0615+0.0563i	-0.0270+0.0307i	-0.0783+0.0499i	-0.7796+1.2296i	0.7231+0.7832i	-3.9617+1.0474i	-3.0467+0.8510i
30.1	-0.0795+0.0634i	-0.0646+0.0593i	-0.0309+0.0329i	-0.0814+0.0528i	-0.8016+1.2021i	0.5971+0.7929i	-3.9370+1.0293i	-3.1423+0.8631i
30.2	-0.0854+0.0703i	-0.0666+0.0628i	-0.0338+0.0361i	-0.0837+0.0565i	-0.7483+1.2696i	0.5199+0.8639i	-3.9040+1.0324i	-3.2072+0.9356i
30.3	-0.0893+0.0757i	-0.0676+0.0628i	-0.0363+0.0377i	-0.0853+0.0589i	-0.7443+1.2286i	0.4370+0.9097i	-3.8933+1.0334i	-3.2741+0.9817i
30.4	-0.0913+0.0828i	-0.0696+0.0622i	-0.0378+0.0392i	-0.0860+0.0613i	-0.8350+1.2201i	0.3606+0.9599i	-3.9277+1.0412i	-3.3295+1.0230i
30.5	-0.0924+0.0886i	-0.0737+0.0619i	-0.0397+0.0407i	-0.0875+0.0636i	-0.7598+1.2320i	0.3003+0.9551i	-3.9132+1.0572i	-3.3826+1.0339i
30.6	-0.0952+0.0935i	-0.0805+0.0640i	-0.0433+0.0427i	-0.0909+0.0661i	-0.6791+1.2562i	0.2186+0.9847i	-3.8711+1.0781i	-3.4581+1.0670i
30.7	-0.0968+0.0959i	-0.0841+0.0664i	-0.0452+0.0445i	-0.0921+0.0681i	-0.7724+1.2317i	0.0920+1.0119i	-3.8688+1.0558i	-3.5351+1.0971i
30.8	-0.1030+0.1049i	-0.0907+0.0722i	-0.0498+0.0497i	-0.0952+0.0725i	-0.8150+1.2585i	-0.0144+1.1149i	-3.8464+1.0493i	-3.6284+1.1910i

30.9	-0.1018+0.1139i	-0.0908+0.0781i	-0.0498+0.0545i	-0.0947+0.0776i	-0.8016+1.1836i	-0.0395+1.1726i	-3.8240+1.0117i	-3.6505+1.2549i
31.0	-0.1016+0.1217i	-0.0921+0.0834i	-0.0508+0.0584i	-0.0951+0.0814i	-0.8320+1.1891i	-0.1204+1.2684i	-3.8116+0.9849i	-3.7009+1.3290i
31.1	-0.1036+0.1350i	-0.0942+0.0909i	-0.0529+0.0656i	-0.0954+0.0890i	-0.8865+1.1175i	-0.1671+1.3644i	-3.7815+0.9216i	-3.7414+1.4218i
31.2	-0.0991+0.1440i	-0.0916+0.0952i	-0.0508+0.0705i	-0.0926+0.0937i	-0.9082+1.0595i	-0.1706+1.4354i	-3.7706+0.8717i	-3.7302+1.4877i
31.3	-0.0996+0.1537i	-0.0936+0.1014i	-0.0516+0.0756i	-0.0941+0.0984i	-0.8289+1.1330i	-0.1858+1.5868i	-3.7587+0.8741i	-3.7552+1.6117i
31.4	-0.0978+0.1638i	-0.0945+0.1079i	-0.0513+0.0812i	-0.0939+0.1036i	-0.9090+1.1498i	-0.2431+1.7125i	-3.8063+0.8456i	-3.7939+1.7200i
31.5	-0.0948+0.1753i	-0.0947+0.1125i	-0.0500+0.0869i	-0.0930+0.1085i	-0.9355+1.2529i	-0.2862+1.8362i	-3.8612+0.8294i	-3.8189+1.8077i
31.6	-0.0842+0.1906i	-0.0897+0.1213i	-0.0451+0.0951i	-0.0875+0.1167i	-0.9711+1.0818i	-0.2292+1.9093i	-3.8647+0.7504i	-3.7597+1.9068i
31.7	-0.0648+0.2056i	-0.0802+0.1297i	-0.0361+0.1034i	-0.0774+0.1253i	-1.0217+0.8475i	-0.1338+1.9697i	-3.8871+0.6644i	-3.6547+1.9967i
31.8	-0.0521+0.2147i	-0.0767+0.1348i	-0.0308+0.1076i	-0.0717+0.1289i	-1.2678+0.9638i	-0.1354+2.1116i	-3.9736+0.6639i	-3.6309+2.1087i
31.9	-0.0360+0.2123i	-0.0723+0.1325i	-0.0242+0.1069i	-0.0642+0.1261i	-1.6072+1.0003i	-0.1814+2.1478i	-4.0842+0.6317i	-3.6055+2.1018i
32.0	-0.0219+0.2124i	-0.0662+0.1327i	-0.0170+0.1080i	-0.0577+0.1258i	-1.6519+1.1575i	-0.1190+2.2532i	-4.1430+0.6415i	-3.5410+2.1628i
32.1	0.0010+0.2182i	-0.0545+0.1406i	-0.0054+0.1129i	-0.0468+0.1314i	-1.3556+1.0469i	0.1294+2.3242i	-4.1007+0.6381i	-3.3587+2.2725i
32.2	0.0192+0.2152i	-0.0474+0.1403i	0.0029+0.1124i	-0.0388+0.1300i	-1.4731+1.0279i	0.2324+2.3715i	-4.1624+0.6189i	-3.2551+2.2999i
32.3	0.0295+0.2041i	-0.0436+0.1335i	0.0084+0.1067i	-0.0343+0.1229i	-1.7034+1.1640i	0.2659+2.3502i	-4.2684+0.6059i	-3.1994+2.2418i
32.4	0.0416+0.1933i	-0.0375+0.1289i	0.0153+0.1023i	-0.0280+0.1173i	-1.8327+1.0712i	0.3406+2.2869i	-4.3334+0.5670i	-3.1036+2.1893i
32.5	0.0553+0.1833i	-0.0311+0.1274i	0.0223+0.0987i	-0.0221+0.1138i	-1.7837+1.0273i	0.4812+2.3173i	-4.3579+0.5834i	-2.9898+2.2023i
32.6	0.0576+0.1701i	-0.0302+0.1222i	0.0244+0.0927i	-0.0225+0.1073i	-1.9452+1.1545i	0.4560+2.3221i	-4.4669+0.6041i	-2.9948+2.1616i
32.7	0.0639+0.1557i	-0.0269+0.1170i	0.0288+0.0864i	-0.0201+0.1009i	-2.0275+1.2244i	0.5238+2.2403i	-4.5374+0.6055i	-2.9327+2.0790i
32.8	0.0670+0.1417i	-0.0249+0.1126i	0.0317+0.0803i	-0.0192+0.0945i	-2.1601+1.3520i	0.5666+2.2286i	-4.6172+0.6188i	-2.8906+2.0266i
32.9	0.0582+0.1272i	-0.0300+0.1057i	0.0282+0.0732i	-0.0244+0.0869i	-2.4502+1.5784i	0.4234+2.2453i	-4.7454+0.6491i	-3.0024+1.9626i
33.0	0.0586+0.1209i	-0.0277+0.1000i	0.0297+0.0687i	-0.0243+0.0835i	-2.5102+1.5043i	0.4678+2.1332i	-4.8111+0.6705i	-2.9731+1.8786i
33.1	0.0582+0.1152i	-0.0280+0.0976i	0.0299+0.0650i	-0.0246+0.0814i	-2.5987+1.4911i	0.4658+2.0520i	-4.8504+0.6936i	-2.9721+1.8174i
33.2	0.0535+0.1075i	-0.0321+0.0919i	0.0284+0.0591i	-0.0283+0.0782i	-2.7291+1.6868i	0.4269+2.0314i	-4.9815+0.7396i	-3.0144+1.7581i
33.3	0.0537+0.1048i	-0.0339+0.0890i	0.0280+0.0566i	-0.0289+0.0774i	-2.8641+1.7283i	0.3917+1.9688i	-5.0469+0.7839i	-3.0330+1.7113i
33.4	0.0536+0.0997i	-0.0369+0.0878i	0.0268+0.0534i	-0.0306+0.0764i	-2.9723+1.9188i	0.3772+2.0026i	-5.1064+0.9039i	-3.0546+1.7298i
33.5	0.0540+0.0963i	-0.0370+0.0886i	0.0271+0.0516i	-0.0308+0.0772i	-2.7354+2.0810i	0.4992+2.0502i	-5.1170+1.0450i	-3.0024+1.7670i
33.6	0.0467+0.0910i	-0.0423+0.0854i	0.0225+0.0478i	-0.0345+0.0750i	-2.8127+2.2518i	0.4405+2.0454i	-5.1247+1.1106i	-3.0576+1.7366i
33.7	0.0386+0.0864i	-0.0480+0.0841i	0.0182+0.0452i	-0.0396+0.0739i	-2.8147+2.5553i	0.4058+2.1182i	-5.1508+1.1915i	-3.1058+1.7643i
33.8	0.0282+0.0862i	-0.0571+0.0875i	0.0122+0.0466i	-0.0462+0.0741i	-2.9240+2.8686i	0.2598+2.2722i	-5.2011+1.2274i	-3.2399+1.8399i
33.9	0.0241+0.0872i	-0.0639+0.0913i	0.0078+0.0482i	-0.0487+0.0757i	-3.0212+2.7321i	0.1210+2.2179i	-5.1535+1.2068i	-3.3299+1.8227i
34.0	0.0190+0.0978i	-0.0663+0.1007i	0.0055+0.0546i	-0.0517+0.0828i	-2.9020+2.9594i	0.1638+2.3957i	-5.1904+1.2776i	-3.3395+1.9662i
34.1	0.0204+0.1114i	-0.0622+0.1111i	0.0077+0.0618i	-0.0498+0.0928i	-2.6622+3.1348i	0.3723+2.5651i	-5.2123+1.3643i	-3.2233+2.1273i
34.2	0.0265+0.1203i	-0.0553+0.1178i	0.0126+0.0660i	-0.0460+0.0984i	-2.5420+3.2983i	0.5532+2.6889i	-5.2437+1.4199i	-3.0914+2.2365i
34.3	0.0296+0.1310i	-0.0488+0.1260i	0.0172+0.0708i	-0.0449+0.1053i	-2.4303+3.7729i	0.7714+2.9685i	-5.3996+1.5543i	-2.9855+2.4255i
34.4	0.0448+0.1345i	-0.0368+0.1231i	0.0263+0.0696i	-0.0358+0.1075i	-2.1635+3.7872i	1.0787+2.8966i	-5.4144+1.6617i	-2.7500+2.3893i
34.5	0.0531+0.1302i	-0.0329+0.1182i	0.0307+0.0661i	-0.0318+0.1044i	-2.2351+3.8725i	1.1269+2.8515i	-5.4841+1.6823i	-2.7084+2.3155i
34.6	0.0625+0.1315i	-0.0282+0.1156i	0.0369+0.0636i	-0.0284+0.1050i	-2.0838+4.1907i	1.3463+2.9046i	-5.6065+1.8430i	-2.5870+2.3406i
34.7	0.0732+0.1239i	-0.0261+0.1042i	0.0411+0.0562i	-0.0233+0.0998i	-2.1277+4.0823i	1.4037+2.6631i	-5.6175+1.8812i	-2.5051+2.1646i
34.8	0.0835+0.1149i	-0.0260+0.0938i	0.0430+0.0481i	-0.0188+0.0951i	-1.8670+3.9701i	1.5531+2.3839i	-5.5359+2.0367i	-2.3925+1.9909i
34.9	0.0931+0.1111i	-0.0248+0.0883i	0.0460+0.0420i	-0.0149+0.0953i	-1.3243+4.1036i	1.8891+2.2507i	-5.5104+2.3367i	-2.2203+1.9265i
35.0	0.0970+0.1039i	-0.0321+0.0810i	0.0437+0.0359i	-0.0156+0.0915i	-1.2944+4.1629i	1.8851+2.1455i	-5.5085+2.4162i	-2.2355+1.8272i
35.1	0.1022+0.0903i	-0.0416+0.0711i	0.0405+0.0265i	-0.0158+0.0850i	-1.2410+4.0749i	1.8694+1.8727i	-5.4290+2.5403i	-2.2455+1.6357i
35.2	0.1046+0.0836i	-0.0501+0.0677i	0.0379+0.0220i	-0.0175+0.0828i	-1.1641+4.2447i	1.8651+1.7893i	-5.4494+2.6838i	-2.2771+1.5637i
35.3	0.1060+0.0735i	-0.0646+0.0658i	0.0316+0.0167i	-0.0207+0.0805i	-1.0146+4.2694i	1.8090+1.6362i	-5.3763+2.8575i	-2.3337+1.4602i
35.4	0.1033+0.0654i	-0.0784+0.0686i	0.0239+0.0150i	-0.0240+0.0798i	-0.8514+4.0878i	1.6906+1.4531i	-5.1715+2.9297i	-2.4271+1.3584i
35.5	0.1002+0.0597i	-0.0902+0.0740i	0.0168+0.0146i	-0.0272+0.0804i	-0.8229+4.0793i	1.5900+1.3591i	-5.0771+2.9960i	-2.5182+1.3047i
35.6	0.0971+0.0565i	-0.1047+0.0872i	0.0088+0.0178i	-0.0315+0.0843i	-0.7479+4.0802i	1.4397+1.3102i	-4.9777+3.1163i	-2.6474+1.3032i
35.7	0.0972+0.0555i	-0.1100+0.1013i	0.0051+0.0222i	-0.0312+0.0892i	-0.5856+3.9426i	1.3651+1.2376i	-4.8052+3.1810i	-2.6929+1.3178i
35.8	0.1005+0.0580i	-0.1130+0.1187i	0.0034+0.0286i	-0.0294+0.0976i	-0.4134+3.9968i	1.3693+1.3030i	-4.6976+3.2569i	-2.6914+1.4008i
35.9	0.1087+0.0598i	-0.1128+0.1322i	0.0050+0.0338i	-0.0248+0.1033i	-0.2888+4.0053i	1.3862+1.3447i	-4.6039+3.2978i	-2.6565+1.4742i
36.0	0.1196+0.0545i	-0.1063+0.1464i	0.0091+0.0377i	-0.0173+0.1058i	-0.2348+4.0204i	1.4086+1.3332i	-4.5210+3.3433i	-2.6077+1.4905i
36.1	0.1348+0.0443i	-0.0988+0.1553i	0.0154+0.0378i	-0.0075+0.1050i	-0.0866+3.9259i	1.4876+1.2430i	-4.3613+3.3894i	-2.5119+1.4427i
36.2	0.1487+0.0321i	-0.0937+0.1571i	0.0205+0.0347i	0.0002+0.1008i	-0.0394+3.9081i	1.5172+1.1980i	-4.2678+3.4015i	-2.4472+1.3874i
36.3	0.1549+0.0163i	-0.0902+0.1591i	0.0219+0.0309i	0.0053+0.0955i	0.0711+3.8620i	1.5102+1.0996i	-4.1487+3.4243i	-2.4261+1.3058i
36.4	0.1592-0.0042i	-0.0895+0.1642i	0.0226+0.0269i	0.0082+0.0899i	0.1357+3.7763i	1.4951+1.0070i	-4.0410+3.4585i	-2.4202+1.2177i
36.5	0.1591-0.0284i	-0.0927+0.1689i	0.0203+0.0217i	0.0088+0.0821i	0.1358+3.6495i	1.4211+0.8634i	-3.9219+3.4109i	-2.4562+1.0924i
36.6	0.1536-0.0469i	-0.0935+0.1762i	0.0169+0.0189i	0.0079+0.0771i	0.2395+3.5625i	1.3682+0.7963i	-3.7999+3.3941i	-2.5032+1.0304i
36.7	0.1445-0.0651i	-0.0939+0.1883i	0.0125+0.0182i	0.0061+0.0749i	0.3513+3.4894i	1.2966+0.7222i	-3.6845+3.3953i	-2.5609+0.9744i
36.8	0.1355-0.0887i	-0.0963+0.2063i	0.0079+0.0177i	0.0030+0.0722i	0.3263+3.4215i	1.1817+0.6963i	-3.6203+3.4132i	-2.6636+0.9440i
36.9	0.1262-0.1047i	-0.0951+0.2205i	0.0046+0.0184i	0.0011+0.0709i	0.3810+3.3917i	1.1163+0.6551i	-3.5299+3.4213i	-2.7244+0.9143i
37.0	0.1110-0.1152i	-0.0885+0.2384i	0.0023+0.0226i	-0.0012+0.0723i	0.4052+3.2765i	1.0503+0.6810i	-3.4566+3.3556i	-2.7749+0.9595i
37.1	0.0983-0.1315i	-0.0748+0.2541i	0.0023+0.0240i	0.0002+0.0717i	0.4118+3.1870i	0.9908+0.6333i	-3.3599+3.3788i	-2.8013+0.9452i

37.2	0.0896-0.1509i	-0.0660+0.2700i	0.0018+0.0238i	0.0018+0.0698i	0.4229+3.1272i	0.9368+0.5711i	-3.2803+3.4032i	-2.8168+0.9126i
37.3	0.0593-0.1774i	-0.0439+0.2950i	-0.0017+0.0251i	-0.0004+0.0679i	0.4954+3.1039i	0.8626+0.5646i	-3.1151+3.3825i	-2.8773+0.8990i
37.4	0.0396-0.1929i	-0.0262+0.3089i	-0.0020+0.0252i	-0.0004+0.0669i	0.5687+3.1306i	0.8344+0.5685i	-3.0144+3.3963i	-2.8889+0.8956i
37.5	0.0073-0.2078i	0.0057+0.3214i	-0.0019+0.0259i	0.0005+0.0646i	0.6677+3.1006i	0.8013+0.5168i	-2.8840+3.4114i	-2.8993+0.8636i
37.6	-0.0242-0.2197i	0.0349+0.3332i	-0.0026+0.0274i	0.0012+0.0636i	0.7294+3.0412i	0.7350+0.4970i	-2.7449+3.3834i	-2.9336+0.8394i
37.7	-0.0717-0.2195i	0.0723+0.3368i	-0.0054+0.0303i	-0.0017+0.0637i	0.7471+2.9645i	0.6483+0.5169i	-2.5869+3.3230i	-3.0142+0.8573i
37.8	-0.1126-0.2080i	0.1072+0.3330i	-0.0069+0.0337i	-0.0029+0.0649i	0.7767+2.8882i	0.5666+0.5209i	-2.4560+3.2381i	-3.0695+0.8751i
37.9	-0.1596-0.1795i	0.1511+0.3164i	-0.0072+0.0388i	-0.0035+0.0663i	0.7813+2.7415i	0.4505+0.5448i	-2.2971+3.1055i	-3.1264+0.9241i
38.0	-0.1910-0.1511i	0.1895+0.2983i	-0.0042+0.0434i	-0.0005+0.0679i	0.8534+2.6148i	0.4393+0.5920i	-2.1568+3.0233i	-3.1137+0.9724i
38.1	-0.2060-0.1071i	0.2274+0.2574i	0.0048+0.0454i	0.0072+0.0659i	0.8492+2.4811i	0.4589+0.6170i	-2.0096+2.8406i	-3.0397+0.9758i
38.2	-0.2171-0.0729i	0.2437+0.2164i	0.0075+0.0440i	0.0084+0.0622i	0.9166+2.3902i	0.4382+0.6065i	-1.9403+2.7284i	-3.0519+0.9503i
38.3	-0.2223-0.0423i	0.2522+0.1684i	0.0095+0.0374i	0.0081+0.0551i	0.9441+2.2841i	0.4065+0.5433i	-1.9266+2.5944i	-3.0700+0.8631i
38.4	-0.2153-0.0119i	0.2449+0.1285i	0.0104+0.0340i	0.0063+0.0500i	0.8190+2.1733i	0.3390+0.5270i	-1.8885+2.4296i	-3.1008+0.8219i
38.5	-0.2129+0.0222i	0.2393+0.0944i	0.0098+0.0341i	0.0045+0.0486i	0.8528+2.0159i	0.2681+0.5313i	-1.8021+2.3035i	-3.1433+0.8254i
38.6	-0.2076+0.0568i	0.2246+0.0548i	0.0078+0.0332i	-0.0003+0.0457i	0.7895+1.9059i	0.2094+0.5495i	-1.7493+2.1990i	-3.2313+0.8498i
38.7	-0.1980+0.0742i	0.2112+0.0385i	0.0064+0.0339i	-0.0020+0.0464i	0.7669+1.9047i	0.1831+0.5854i	-1.7260+2.1155i	-3.2541+0.8737i
38.8	-0.1882+0.0957i	0.1992+0.0164i	0.0058+0.0342i	-0.0031+0.0454i	0.8338+1.8230i	0.1461+0.5912i	-1.6715+1.9979i	-3.2795+0.8740i
38.9	-0.1699+0.1206i	0.1732-0.0051i	0.0042+0.0356i	-0.0067+0.0458i	0.7208+1.6676i	0.0465+0.6582i	-1.6367+1.8460i	-3.3396+0.9358i
39.0	-0.1502+0.1341i	0.1533-0.0136i	0.0044+0.0374i	-0.0077+0.0475i	0.6560+1.5261i	0.0264+0.7100i	-1.6430+1.6864i	-3.3482+0.9828i
39.1	-0.1234+0.1458i	0.1312-0.0203i	0.0064+0.0400i	-0.0075+0.0492i	0.6536+1.4845i	0.0165+0.7706i	-1.6373+1.5459i	-3.3274+1.0316i
39.2	-0.1000+0.1527i	0.1118-0.0200i	0.0089+0.0420i	-0.0067+0.0516i	0.5977+1.5757i	0.0058+0.8491i	-1.6684+1.4650i	-3.2964+1.0896i
39.3	-0.0737+0.1587i	0.0951-0.0226i	0.0122+0.0431i	-0.0044+0.0529i	0.5945+1.4691i	0.0459+0.8879i	-1.6113+1.3445i	-3.2503+1.1212i
39.4	-0.0502+0.1540i	0.0796-0.0238i	0.0151+0.0417i	-0.0030+0.0507i	0.5052+1.3476i	0.0601+0.8679i	-1.6379+1.1921i	-3.2163+1.0947i
39.5	-0.0317+0.1422i	0.0669-0.0185i	0.0183+0.0397i	-0.0014+0.0487i	0.3856+1.2876i	0.0577+0.8696i	-1.7506+1.0328i	-3.1801+1.0841i
39.6	-0.0226+0.1369i	0.0564-0.0185i	0.0182+0.0378i	-0.0020+0.0464i	0.3354+1.1453i	0.0489+0.8437i	-1.7577+0.8953i	-3.1640+1.0419i
39.7	-0.0190+0.1387i	0.0486-0.0143i	0.0171+0.0394i	-0.0041+0.0482i	0.2587+1.1979i	0.0605+0.9174i	-1.8157+0.8347i	-3.1783+1.0693i
39.8	0.0047+0.1318i	0.0371-0.0115i	0.0223+0.0380i	-0.0002+0.0466i	0.1383+1.1718i	0.0707+0.9406i	-1.9208+0.7343i	-3.1354+1.0707i
39.9	0.0215+0.1174i	0.0261-0.0062i	0.0248+0.0346i	0.0014+0.0438i	0.1052+1.1334i	0.1047+0.9108i	-1.9703+0.6206i	-3.0972+1.0152i
40.0	0.0276+0.1029i	0.0203-0.0008i	0.0254+0.0316i	0.0009+0.0412i	0.0689+1.1254i	0.1219+0.8689i	-2.0144+0.5391i	-3.0854+0.9550i
40.1	0.0340+0.0894i	0.0120+0.0030i	0.0258+0.0289i	-0.0001+0.0382i	-0.0779+1.1055i	0.0941+0.8584i	-2.1006+0.4496i	-3.0957+0.9127i
40.2	0.0384+0.0759i	0.0070+0.0063i	0.0263+0.0249i	-0.0012+0.0343i	-0.1425+1.0202i	0.0576+0.7954i	-2.1811+0.3719i	-3.1281+0.8465i
40.3	0.0357+0.0670i	0.0065+0.0095i	0.0250+0.0228i	-0.0031+0.0327i	-0.1526+1.0444i	0.0724+0.7954i	-2.2400+0.3513i	-3.1442+0.8261i
40.4	0.0383+0.0565i	0.0026+0.0128i	0.0247+0.0210i	-0.0040+0.0308i	-0.1557+0.9690i	0.0607+0.7659i	-2.2970+0.2588i	-3.1600+0.7918i
40.5	0.0378+0.0396i	-0.0017+0.0250i	0.0235+0.0189i	-0.0063+0.0301i	-0.3036+1.0312i	0.0048+0.8139i	-2.3900+0.1784i	-3.1866+0.7830i
40.6	0.0336+0.0275i	0.0001+0.0316i	0.0228+0.0163i	-0.0073+0.0283i	-0.3633+1.0269i	-0.0168+0.8140i	-2.4450+0.1080i	-3.1932+0.7751i
40.7	0.0277+0.0199i	-0.0050+0.0343i	0.0200+0.0146i	-0.0111+0.0272i	-0.4985+1.0435i	-0.0902+0.8474i	-2.5138+0.0645i	-3.2537+0.7822i
40.8	0.0197+0.0220i	-0.0001+0.0359i	0.0193+0.0155i	-0.0128+0.0282i	-0.4125+1.1058i	-0.0665+0.8685i	-2.5370+0.0722i	-3.2517+0.7702i
40.9	0.0191+0.0127i	-0.0047+0.0380i	0.0186+0.0132i	-0.0152+0.0273i	-0.4810+1.1908i	-0.1008+0.9014i	-2.6076+0.0023i	-3.2992+0.7769i
41.0	0.0121+0.0021i	-0.0073+0.0433i	0.0154+0.0109i	-0.0183+0.0258i	-0.6310+1.1795i	-0.1407+0.9089i	-2.7303-0.0668i	-3.3304+0.7897i
41.1	0.0028-0.0006i	-0.0048+0.0454i	0.0136+0.0107i	-0.0199+0.0263i	-0.5876+1.1359i	-0.1184+0.9126i	-2.7991-0.0978i	-3.3188+0.7889i
41.2	-0.0032+0.0015i	-0.0065+0.0484i	0.0111+0.0123i	-0.0222+0.0279i	-0.6426+1.1098i	-0.1251+0.9502i	-2.8593-0.1017i	-3.3308+0.8258i
41.3	-0.0046+0.0010i	-0.0063+0.0519i	0.0110+0.0125i	-0.0229+0.0283i	-0.6413+1.1802i	-0.1097+0.9397i	-2.9779-0.1109i	-3.2985+0.8123i
41.4	-0.0043-0.0105i	-0.0072+0.0561i	0.0114+0.0097i	-0.0232+0.0267i	-0.6371+1.2058i	-0.1088+0.9170i	-3.0228-0.1260i	-3.2973+0.7704i
41.5	-0.0178-0.0174i	-0.0035+0.0662i	0.0080+0.0108i	-0.0265+0.0293i	-0.6110+1.2179i	-0.0560+0.9663i	-3.0964-0.1384i	-3.2878+0.7843i
41.6	-0.0263-0.0136i	0.0065+0.0650i	0.0085+0.0115i	-0.0250+0.0293i	-0.6718+1.1920i	-0.0608+0.9047i	-3.1934-0.1505i	-3.2659+0.7467i
41.7	-0.0337-0.0158i	0.0094+0.0586i	0.0079+0.0084i	-0.0269+0.0261i	-0.7292+1.2000i	-0.1195+0.9212i	-3.1871-0.1532i	-3.2966+0.7071i
41.8	-0.0450-0.0127i	0.0090+0.0595i	0.0046+0.0095i	-0.0310+0.0282i	-0.6098+1.0543i	-0.0536+0.9196i	-3.2111-0.2233i	-3.3016+0.7060i
41.9	-0.0543-0.0040i	0.0086+0.0629i	0.0013+0.0122i	-0.0330+0.0318i	-0.6331+1.0406i	-0.0818+0.9362i	-3.3048-0.2494i	-3.3184+0.7269i
42.0	-0.0596+0.0066i	0.0093+0.0596i	-0.0006+0.0141i	-0.0336+0.0337i	-0.6762+1.0185i	-0.1327+0.9282i	-3.3917-0.1930i	-3.3418+0.7097i
42.1	-0.0623+0.0131i	0.0083+0.0585i	-0.0017+0.0155i	-0.0343+0.0349i	-0.6941+1.0791i	-0.1366+0.8740i	-3.3994-0.1221i	-3.3658+0.6905i
42.2	-0.0625+0.0234i	0.0089+0.0633i	-0.0021+0.0204i	-0.0352+0.0391i	-0.8061+1.0900i	-0.1688+0.8769i	-3.4547-0.1321i	-3.3749+0.6965i
42.3	-0.0501+0.0326i	0.0135+0.0630i	0.0038+0.0239i	-0.0303+0.0420i	-0.7869+0.9843i	-0.0796+0.8932i	-3.4920-0.1457i	-3.3257+0.7249i
42.4	-0.0464+0.0212i	0.0103+0.0667i	0.0052+0.0206i	-0.0301+0.0400i	-0.7925+1.0358i	-0.1430+0.8982i	-3.5053-0.1459i	-3.3266+0.6810i
42.5	-0.0473+0.0179i	0.0123+0.0727i	0.0053+0.0211i	-0.0301+0.0409i	-0.8149+1.0343i	-0.1463+0.9004i	-3.4647-0.1621i	-3.3094+0.6728i
42.6	-0.0555+0.0156i	0.0200+0.0688i	0.0053+0.0187i	-0.0304+0.0382i	-0.9332+0.9828i	-0.1875+0.8532i	-3.5095-0.1916i	-3.3231+0.5964i
42.7	-0.0646+0.0177i	0.0231+0.0650i	0.0036+0.0181i	-0.0323+0.0373i	-1.0440+0.9859i	-0.3100+0.8404i	-3.5965-0.1706i	-3.3916+0.5484i
42.8	-0.0727+0.0254i	0.0245+0.0606i	0.0015+0.0190i	-0.0344+0.0383i	-1.1183+1.1094i	-0.3764+0.8603i	-3.6601-0.1384i	-3.4525+0.5535i
42.9	-0.0663+0.0431i	0.0271+0.0553i	0.0049+0.0233i	-0.0323+0.0428i	-1.0251+1.0190i	-0.3073+0.8764i	-3.6209-0.1998i	-3.4159+0.5788i
43.0	-0.0542+0.0395i	0.0289+0.0534i	0.0095+0.0208i	-0.0279+0.0408i	-1.0892+0.8920i	-0.3075+0.8936i	-3.6479-0.2558i	-3.3862+0.5340i
43.1	-0.0538+0.0346i	0.0287+0.0505i	0.0097+0.0175i	-0.0285+0.0384i	-1.2194+0.9219i	-0.3638+0.9099i	-3.7362-0.2697i	-3.4224+0.4826i
43.2	-0.0597+0.0356i	0.0294+0.0446i	0.0082+0.0164i	-0.0300+0.0377i	-1.3148+0.9014i	-0.4171+0.8916i	-3.8076-0.2909i	-3.4702+0.4755i
43.3	-0.0601+0.0441i	0.0271+0.0370i	0.0071+0.0164i	-0.0306+0.0384i	-1.3885+0.9313i	-0.4535+0.9355i	-3.8785-0.2852i	-3.4842+0.4756i
43.4	-0.0602+0.0410i	0.0154+0.0366i	0.0031+0.0147i	-0.0352+0.0372i	-1.6071+0.9773i	-0.5587+0.9753i	-3.8892-0.2547i	-3.5385+0.4424i

43.5	-0.0578+0.0433i	0.0132+0.0394i	0.0043+0.0163i	-0.0356+0.0388i	-1.6447+0.9049i	-0.5682+0.9697i	-3.9005-0.2751i	-3.5459+0.4700i
43.6	-0.0502+0.0485i	0.0135+0.0462i	0.0078+0.0193i	-0.0335+0.0426i	-1.6032+1.0632i	-0.5280+1.0563i	-3.9215-0.3089i	-3.5182+0.4980i
43.7	-0.0504+0.0396i	0.0203+0.0430i	0.0108+0.0138i	-0.0316+0.0388i	-1.7224+1.1413i	-0.5592+1.0811i	-3.9922-0.3443i	-3.5288+0.4310i
43.8	-0.0557+0.0362i	0.0140+0.0332i	0.0061+0.0080i	-0.0344+0.0346i	-1.8104+1.0504i	-0.7051+1.0422i	-4.0500-0.3460i	-3.6105+0.3929i
43.9	-0.0565+0.0436i	0.0065+0.0330i	0.0032+0.0098i	-0.0362+0.0379i	-1.9659+1.1382i	-0.7114+1.0936i	-4.1629-0.3314i	-3.6355+0.4180i
44.0	-0.0561+0.0553i	0.0009+0.0415i	0.0011+0.0164i	-0.0385+0.0445i	-1.8704+1.2360i	-0.6335+1.1736i	-4.2304-0.2841i	-3.6395+0.4700i
44.1	-0.0443+0.0560i	0.0071+0.0470i	0.0064+0.0182i	-0.0324+0.0463i	-2.0975+1.3526i	-0.7473+1.2945i	-4.2323-0.3218i	-3.6079+0.4579i
44.2	-0.0358+0.0432i	0.0111+0.0404i	0.0105+0.0113i	-0.0275+0.0404i	-2.2072+1.4359i	-0.7739+1.2846i	-4.3038-0.3232i	-3.6064+0.3855i
44.3	-0.0368+0.0422i	0.0103+0.0425i	0.0105+0.0107i	-0.0273+0.0410i	-2.3339+1.3375i	-0.8839+1.2556i	-4.3349-0.3341i	-3.6168+0.3489i
44.4	-0.0330+0.0458i	0.0139+0.0431i	0.0113+0.0116i	-0.0256+0.0406i	-2.2894+1.4705i	-0.7583+1.2937i	-4.3776-0.2784i	-3.6074+0.3642i
44.5	-0.0327+0.0425i	0.0140+0.0442i	0.0109+0.0111i	-0.0257+0.0402i	-2.3199+1.6064i	-0.7833+1.3308i	-4.3789-0.2079i	-3.6497+0.3590i
44.6	-0.0305+0.0370i	0.0243+0.0410i	0.0153+0.0074i	-0.0219+0.0369i	-2.4041+1.8885i	-0.7339+1.5368i	-4.4851-0.2943i	-3.6347+0.2827i
44.7	-0.0288+0.0280i	0.0271+0.0299i	0.0160+0.0007i	-0.0210+0.0294i	-2.4713+1.9604i	-0.7833+1.5468i	-4.5184-0.2602i	-3.6583+0.2203i
44.8	-0.0375+0.0202i	0.0177+0.0213i	0.0102-0.0049i	-0.0273+0.0235i	-2.4883+2.2425i	-0.7976+1.7144i	-4.5255-0.2451i	-3.7466+0.1734i
44.9	-0.0589+0.0173i	0.0024+0.0171i	-0.0019-0.0088i	-0.0399+0.0202i	-2.4882+2.7072i	-0.8111+2.0084i	-4.5747-0.2737i	-3.8648+0.1409i
45.0	-0.0694+0.0300i	-0.0087+0.0196i	-0.0099-0.0046i	-0.0470+0.0250i	-2.5430+2.7851i	-0.7924+2.0866i	-4.5957-0.2871i	-3.9287+0.2011i
45.1	-0.0632+0.0429i	-0.0083+0.0303i	-0.0075+0.0026i	-0.0455+0.0324i	-2.4696+3.0357i	-0.6922+2.2611i	-4.6725-0.3212i	-3.9182+0.2714i
45.2	-0.0572+0.0420i	0.0001+0.0331i	-0.0024+0.0032i	-0.0415+0.0333i	-2.2786+3.1833i	-0.5380+2.3453i	-4.7190-0.3282i	-3.8929+0.2563i
45.3	-0.0552+0.0390i	0.0028+0.0289i	-0.0015+0.0006i	-0.0409+0.0313i	-1.9522+3.4014i	-0.2938+2.4300i	-4.7933-0.2861i	-3.9097+0.2366i
45.4	-0.0576+0.0345i	-0.0028+0.0209i	-0.0051-0.0036i	-0.0432+0.0263i	-1.7363+3.3135i	-0.1868+2.3226i	-4.8491-0.1964i	-3.9302+0.1976i
45.5	-0.0599+0.0381i	-0.0066+0.0168i	-0.0084-0.0042i	-0.0454+0.0262i	-1.5431+3.1177i	-0.0574+2.1334i	-4.8634-0.1404i	-3.9940+0.1830i
45.6	-0.0665+0.0392i	-0.0152+0.0146i	-0.0139-0.0060i	-0.0529+0.0266i	-1.4724+3.5465i	0.1169+2.3720i	-4.9818-0.1872i	-4.0844+0.1591i
45.7	-0.0725+0.0425i	-0.0239+0.0176i	-0.0206-0.0042i	-0.0582+0.0283i	-1.2207+3.6009i	0.2516+2.3948i	-5.0291-0.1467i	-4.1460+0.1656i
45.8	-0.0754+0.0534i	-0.0303+0.0215i	-0.0241+0.0015i	-0.0617+0.0351i	-0.7568+3.4358i	0.4904+2.2706i	-5.0679-0.0361i	-4.1771+0.2230i
45.9	-0.0775+0.0690i	-0.0411+0.0287i	-0.0297+0.0082i	-0.0659+0.0433i	-0.6431+3.6414i	0.6554+2.3134i	-5.2031-0.0574i	-4.2753+0.2564i
46.0	-0.0636+0.0802i	-0.0398+0.0390i	-0.0250+0.0147i	-0.0606+0.0500i	-0.5158+3.5860i	0.7512+2.3208i	-5.2550-0.0390i	-4.2836+0.3074i
46.1	-0.0487+0.0737i	-0.0380+0.0395i	-0.0202+0.0131i	-0.0554+0.0483i	-0.3716+3.4353i	0.8737+2.1881i	-5.3109+0.0164i	-4.2649+0.3017i
46.2	-0.0497+0.0611i	-0.0373+0.0411i	-0.0202+0.0091i	-0.0554+0.0449i	-0.3089+3.2156i	0.7919+1.9658i	-5.3296+0.1090i	-4.2721+0.2725i
46.3	-0.0533+0.0636i	-0.0384+0.0438i	-0.0233+0.0121i	-0.0581+0.0481i	-0.2814+3.0099i	0.7754+1.8704i	-5.3166+0.1254i	-4.3174+0.2812i
46.4	-0.0454+0.0697i	-0.0335+0.0507i	-0.0193+0.0177i	-0.0539+0.0521i	-0.3095+2.8478i	0.8192+1.7089i	-5.3166+0.1675i	-4.3024+0.3132i
46.5	-0.0382+0.0651i	-0.0292+0.0481i	-0.0143+0.0147i	-0.0487+0.0501i	-0.2618+2.6951i	0.7965+1.5792i	-5.3437+0.2319i	-4.3042+0.2904i
46.6	-0.0378+0.0610i	-0.0340+0.0469i	-0.0164+0.0116i	-0.0501+0.0481i	-0.2038+2.7261i	0.8278+1.5419i	-5.3910+0.2620i	-4.3760+0.2796i
46.7	-0.0363+0.0601i	-0.0344+0.0506i	-0.0176+0.0136i	-0.0511+0.0497i	-0.1656+2.7697i	0.8554+1.5306i	-5.4088+0.3147i	-4.4212+0.2886i
46.8	-0.0282+0.0445i	-0.0280+0.0424i	-0.0120+0.0055i	-0.0454+0.0435i	-0.0320+2.4066i	0.8675+1.2469i	-5.3354+0.3955i	-4.3668+0.2349i
46.9	-0.0403+0.0387i	-0.0404+0.0434i	-0.0200+0.0046i	-0.0522+0.0423i	0.0556+2.4410i	0.9166+1.1739i	-5.3828+0.4640i	-4.4784+0.2514i
47.0	-0.0455+0.0380i	-0.0431+0.0494i	-0.0246+0.0084i	-0.0549+0.0446i	-0.0072+2.3208i	0.8357+1.1250i	-5.3515+0.4939i	-4.5548+0.2950i
47.1	-0.0451+0.0403i	-0.0363+0.0532i	-0.0239+0.0104i	-0.0543+0.0465i	-0.1108+2.1721i	0.7528+1.0729i	-5.3203+0.5265i	-4.5715+0.3363i
47.2	-0.0491+0.0407i	-0.0422+0.0538i	-0.0274+0.0115i	-0.0568+0.0473i	-0.1265+2.0742i	0.7183+1.0911i	-5.3347+0.5641i	-4.6038+0.3380i
47.3	-0.0521+0.0433i	-0.0464+0.0575i	-0.0293+0.0151i	-0.0578+0.0496i	-0.2002+2.0166i	0.6630+1.0333i	-5.3460+0.5702i	-4.6391+0.3938i
47.4	-0.0448+0.0460i	-0.0421+0.0625i	-0.0266+0.0191i	-0.0555+0.0519i	-0.2732+1.9753i	0.6335+0.9920i	-5.3561+0.5822i	-4.6395+0.4438i
47.5	-0.0394+0.0396i	-0.0383+0.0616i	-0.0241+0.0171i	-0.0526+0.0493i	-0.2477+1.9184i	0.6241+0.9454i	-5.3375+0.6203i	-4.6256+0.4588i
47.6	-0.0447+0.0318i	-0.0447+0.0583i	-0.0302+0.0139i	-0.0593+0.0451i	-0.3007+1.8566i	0.6026+0.8837i	-5.3241+0.5979i	-4.6866+0.4320i
47.7	-0.0489+0.0393i	-0.0451+0.0682i	-0.0303+0.0230i	-0.0615+0.0528i	-0.2932+1.8526i	0.5599+0.9077i	-5.3372+0.6225i	-4.7135+0.4980i
47.8	-0.0439+0.0390i	-0.0405+0.0723i	-0.0257+0.0230i	-0.0571+0.0539i	-0.3200+1.7008i	0.5375+0.8050i	-5.2694+0.6818i	-4.6699+0.5416i
47.9	-0.0419+0.0394i	-0.0388+0.0796i	-0.0234+0.0239i	-0.0559+0.0553i	-0.3153+1.7013i	0.5406+0.7586i	-5.3264+0.7240i	-4.6901+0.5875i
48.0	-0.0490+0.0390i	-0.0424+0.0845i	-0.0252+0.0270i	-0.0580+0.0576i	-0.3991+1.7121i	0.5265+0.8274i	-5.3162+0.7194i	-4.7387+0.6175i
48.1	-0.0471+0.0336i	-0.0366+0.0871i	-0.0222+0.0270i	-0.0562+0.0579i	-0.4205+1.7500i	0.4661+0.8525i	-5.2789+0.7705i	-4.6916+0.6289i
48.2	-0.0493+0.0237i	-0.0311+0.0820i	-0.0207+0.0216i	-0.0558+0.0530i	-0.3502+1.7689i	0.4543+0.7959i	-5.2779+0.8227i	-4.6725+0.6067i
48.3	-0.0542+0.0227i	-0.0298+0.0867i	-0.0207+0.0228i	-0.0557+0.0542i	-0.3503+1.6888i	0.4088+0.8021i	-5.2243+0.8491i	-4.6568+0.6526i
48.4	-0.0576+0.0196i	-0.0236+0.0828i	-0.0193+0.0193i	-0.0542+0.0518i	-0.4575+1.6047i	0.4008+0.7986i	-5.1593+0.8210i	-4.6457+0.6241i
48.5	-0.0648+0.0212i	-0.0262+0.0842i	-0.0218+0.0194i	-0.0575+0.0528i	-0.5170+1.6261i	0.4412+0.7855i	-5.1816+0.8111i	-4.6893+0.6172i
48.6	-0.0703+0.0079i	-0.0245+0.0752i	-0.0238+0.0121i	-0.0584+0.0463i	-0.5482+1.5956i	0.4338+0.7239i	-5.1905+0.7982i	-4.6470+0.5812i
48.7	-0.0820+0.0088i	-0.0268+0.0742i	-0.0299+0.0132i	-0.0645+0.0464i	-0.4826+1.5553i	0.4454+0.6831i	-5.1803+0.7880i	-4.7119+0.5867i
48.8	-0.0950+0.0247i	-0.0309+0.0815i	-0.0343+0.0222i	-0.0697+0.0545i	-0.5652+1.5024i	0.3656+0.6339i	-5.1495+0.7861i	-4.7572+0.6310i
48.9	-0.0916+0.0408i	-0.0286+0.0875i	-0.0311+0.0289i	-0.0675+0.0610i	-0.6045+1.4365i	0.3538+0.6274i	-5.1306+0.7640i	-4.7259+0.6787i
49.0	-0.0903+0.0353i	-0.0296+0.0826i	-0.0303+0.0247i	-0.0667+0.0585i	-0.5907+1.4394i	0.2966+0.5760i	-5.1088+0.7804i	-4.7107+0.6684i
49.1	-0.0916+0.0347i	-0.0276+0.0852i	-0.0302+0.0233i	-0.0668+0.0581i	-0.6060+1.4610i	0.2723+0.6107i	-5.1135+0.7817i	-4.7098+0.6573i
49.2	-0.0962+0.0283i	-0.0297+0.0824i	-0.0328+0.0210i	-0.0701+0.0568i	-0.7013+1.4145i	0.3095+0.6093i	-5.1478+0.7087i	-4.7392+0.6584i
49.3	-0.1053+0.0303i	-0.0311+0.0853i	-0.0356+0.0241i	-0.0725+0.0598i	-0.7226+1.4042i	0.2705+0.5991i	-5.1834+0.7314i	-4.7740+0.6929i
49.4	-0.1133+0.0401i	-0.0271+0.0924i	-0.0358+0.0286i	-0.0730+0.0658i	-0.7339+1.4009i	0.3467+0.5114i	-5.2493+0.6691i	-4.7999+0.7309i
49.5	-0.1006+0.0460i	-0.0168+0.0920i	-0.0318+0.0310i	-0.0682+0.0684i	-0.7530+1.3534i	0.3490+0.4978i	-5.2076+0.6872i	-4.7733+0.7365i
49.6	-0.0911+0.0517i	-0.0027+0.0919i	-0.0321+0.0309i	-0.0689+0.0672i	-0.7455+1.2066i	0.2380+0.4696i	-5.1162+0.7994i	-4.7236+0.6967i
49.7	-0.1207+0.0414i	-0.0170+0.0767i	-0.0359+0.0241i	-0.0723+0.0609i	-0.7867+1.1659i	0.2482+0.5621i	-5.1210+0.6952i	-4.8071+0.6632i

49.8	-0.1293+0.0428i	-0.0280+0.0723i	-0.0402+0.0285i	-0.0768+0.0660i	-0.9249+1.1913i	0.1850+0.5489i	-5.1553+0.6019i	-4.8695+0.6965i
49.9	-0.1264+0.0639i	-0.0319+0.0834i	-0.0388+0.0359i	-0.0756+0.0741i	-0.9082+1.1790i	0.0660+0.4585i	-5.2326+0.6146i	-4.9056+0.7905i
50.0	-0.1228+0.0597i	-0.0304+0.0814i	-0.0374+0.0304i	-0.0739+0.0690i	-0.8745+1.0766i	-0.0781+0.4259i	-5.3217+0.6398i	-4.8945+0.7957i
50.1	-0.1224+0.0611i	-0.0299+0.0818i	-0.0401+0.0329i	-0.0771+0.0710i	-1.0693+1.1695i	0.0737+0.5187i	-5.3226+0.6141i	-4.8952+0.6981i
50.2	-0.1189+0.0708i	-0.0263+0.0877i	-0.0381+0.0380i	-0.0747+0.0768i	-1.1751+1.2776i	0.1758+0.4927i	-5.3889+0.6401i	-4.8367+0.7243i
50.3	-0.1244+0.0768i	-0.0265+0.0891i	-0.0424+0.0424i	-0.0790+0.0820i	-1.2031+1.1787i	0.1800+0.3923i	-5.3756+0.6694i	-4.8925+0.7900i
50.4	-0.1339+0.0877i	-0.0351+0.0941i	-0.0482+0.0481i	-0.0863+0.0881i	-1.3216+1.2560i	0.0922+0.4136i	-5.4351+0.6385i	-4.9593+0.8373i
50.5	-0.1337+0.0953i	-0.0401+0.0982i	-0.0504+0.0501i	-0.0887+0.0893i	-1.4129+1.2212i	-0.0035+0.4295i	-5.4007+0.6179i	-4.9733+0.8493i
50.6	-0.1248+0.1139i	-0.0363+0.1119i	-0.0452+0.0592i	-0.0847+0.0987i	-1.4240+1.1360i	-0.0617+0.5102i	-5.3232+0.7093i	-4.9638+0.9419i
50.7	-0.1038+0.1171i	-0.0199+0.1193i	-0.0317+0.0617i	-0.0711+0.1031i	-1.4014+1.3160i	0.0252+0.4190i	-5.4536+0.6379i	-4.8986+1.0079i
50.8	-0.0989+0.1114i	-0.0058+0.1154i	-0.0246+0.0606i	-0.0647+0.1040i	-1.5000+1.3978i	0.2515+0.3868i	-5.4194+0.5367i	-4.8558+0.9385i
50.9	-0.1073+0.1017i	-0.0051+0.1016i	-0.0257+0.0518i	-0.0649+0.0953i	-1.5245+1.2925i	0.1158+0.4575i	-5.3527+0.5919i	-4.8653+0.8479i
51.0	-0.1023+0.0997i	-0.0056+0.0957i	-0.0259+0.0483i	-0.0642+0.0926i	-1.6004+1.3194i	0.0319+0.4032i	-5.4251+0.5448i	-4.8480+0.8627i
51.1	-0.1194+0.1060i	-0.0168+0.0949i	-0.0362+0.0501i	-0.0742+0.0941i	-1.6452+1.2253i	0.0535+0.3520i	-5.4054+0.5227i	-4.9615+0.8638i
51.2	-0.1121+0.1382i	-0.0154+0.1120i	-0.0306+0.0661i	-0.0701+0.1106i	-1.7256+1.3515i	0.0146+0.3402i	-5.4801+0.4620i	-4.9606+0.9835i
51.3	-0.0726+0.1266i	0.0073+0.1043i	-0.0075+0.0604i	-0.0464+0.1069i	-1.6142+1.3562i	0.0388+0.3324i	-5.5509+0.6164i	-4.7875+0.9615i
51.4	-0.0823+0.0873i	0.0046+0.0787i	-0.0101+0.0345i	-0.0469+0.0826i	-1.6793+1.2934i	-0.0288+0.2880i	-5.5448+0.6851i	-4.7710+0.7621i
51.5	-0.1095+0.0939i	-0.0148+0.0796i	-0.0340+0.0341i	-0.0692+0.0821i	-1.7723+1.4653i	-0.0999+0.1903i	-5.6679+0.5673i	-4.9417+0.7631i
51.6	-0.1303+0.1202i	-0.0336+0.0926i	-0.0471+0.0522i	-0.0836+0.1006i	-1.8258+1.4653i	-0.0404+0.0887i	-5.6911+0.4814i	-5.0705+0.9047i
51.7	-0.1289+0.1410i	-0.0372+0.1091i	-0.0437+0.0663i	-0.0797+0.1130i	-1.8993+1.3585i	-0.0506+0.1492i	-5.5707+0.4099i	-5.0735+1.0439i
51.8	-0.1134+0.1574i	-0.0243+0.1189i	-0.0348+0.0736i	-0.0710+0.1209i	-1.9798+1.4240i	0.0415+0.1848i	-5.6950+0.3753i	-5.0735+1.1845i
51.9	-0.1020+0.1581i	-0.0133+0.1166i	-0.0278+0.0717i	-0.0639+0.1213i	-2.0233+1.5506i	0.0125+0.1778i	-5.8041+0.3037i	-5.0086+1.1226i
52.0	-0.1060+0.1518i	-0.0192+0.1083i	-0.0310+0.0667i	-0.0674+0.1160i	-1.9005+1.4898i	-0.1587+0.2304i	-5.7270+0.4736i	-5.0164+1.0392i
52.1	-0.1075+0.1627i	-0.0248+0.1150i	-0.0333+0.0747i	-0.0702+0.1239i	-2.1609+1.5266i	-0.1390+0.1185i	-5.8621+0.3254i	-5.0386+1.0871i
52.2	-0.0907+0.1884i	-0.0174+0.1315i	-0.0238+0.0879i	-0.0607+0.1388i	-2.2196+1.6707i	-0.1465+0.0931i	-6.0724+0.2977i	-4.9908+1.2684i
52.3	-0.0568+0.1898i	0.0009+0.1333i	-0.0074+0.0886i	-0.0434+0.1407i	-2.2111+1.7779i	-0.2412+0.0445i	-6.3040+0.3683i	-4.8305+1.2930i
52.4	-0.0461+0.1637i	0.0060+0.1208i	-0.0023+0.0765i	-0.0375+0.1280i	-2.2617+1.8565i	-0.2921-0.0528i	-6.3936+0.4309i	-4.7474+1.1767i
52.5	-0.0555+0.1639i	-0.0045+0.1199i	-0.0087+0.0758i	-0.0442+0.1275i	-2.1462+1.8493i	-0.4102+0.0012i	-6.2827+0.6239i	-4.8013+1.1274i
52.6	-0.0364+0.1670i	0.0052+0.1266i	0.0011+0.0781i	-0.0339+0.1304i	-2.1416+1.8980i	-0.4008+0.0281i	-6.3960+0.6627i	-4.6907+1.1744i
52.7	-0.0229+0.1547i	0.0117+0.1275i	0.0083+0.0746i	-0.0269+0.1268i	-2.5039+1.9606i	-0.2578+0.0496i	-6.5157+0.4274i	-4.6571+1.1146i
52.8	-0.0310+0.1417i	0.0078+0.1218i	0.0044+0.0684i	-0.0305+0.1208i	-2.3428+1.9122i	-0.3721-0.0124i	-6.3413+0.6452i	-4.6891+1.0342i
52.9	-0.0290+0.1368i	0.0193+0.1217i	0.0084+0.0660i	-0.0250+0.1205i	-2.4600+1.9088i	-0.3318-0.0296i	-6.4213+0.5733i	-4.6459+1.0213i
53.0	-0.0376+0.1348i	0.0167+0.1122i	0.0036+0.0610i	-0.0293+0.1155i	-2.6843+2.0881i	-0.3094-0.0857i	-6.6300+0.5360i	-4.7274+0.9629i
53.1	-0.0449+0.1344i	0.0043+0.1083i	-0.0034+0.0579i	-0.0359+0.1155i	-2.3582+2.1750i	-0.5637-0.1483i	-6.6358+0.9146i	-4.7916+0.9370i
53.2	-0.0374+0.1504i	0.0102+0.1245i	0.0019+0.0687i	-0.0312+0.1286i	-2.6217+2.3632i	-0.5421-0.2415i	-6.9436+0.9019i	-4.7951+1.0482i
53.3	-0.0345+0.1570i	0.0118+0.1324i	0.0034+0.0738i	-0.0278+0.1323i	-2.5459+2.2639i	-0.6000-0.1110i	-6.7654+0.9888i	-4.7892+1.0833i
53.4	-0.0260+0.1464i	0.0196+0.1239i	0.0073+0.0668i	-0.0212+0.1254i	-2.4575+2.4317i	-0.7453-0.1307i	-6.8188+1.2321i	-4.7320+1.0057i
53.5	-0.0107+0.1375i	0.0334+0.1249i	0.0167+0.0637i	-0.0114+0.1232i	-2.6928+2.6889i	-0.6376-0.1753i	-7.0399+1.2690i	-4.7029+0.9696i
53.6	-0.0121+0.1321i	0.0361+0.1191i	0.0176+0.0608i	-0.0105+0.1196i	-2.8441+2.7798i	-0.5762-0.2551i	-7.1149+1.2509i	-4.7351+0.9399i
53.7	-0.0281+0.1246i	0.0188+0.1153i	0.0074+0.0566i	-0.0213+0.1153i	-2.6777+2.6430i	-0.7117-0.1821i	-6.8022+1.3747i	-4.7965+0.8838i
53.8	-0.0392+0.1267i	0.0173+0.1212i	0.0038+0.0586i	-0.0265+0.1208i	-2.9121+3.1167i	-0.6670-0.4140i	-7.1716+1.5260i	-4.8960+0.9549i
53.9	-0.0386+0.1532i	0.0170+0.1347i	0.0034+0.0713i	-0.0264+0.1365i	-2.6826+3.2722i	-0.8450-0.4400i	-7.0916+1.8328i	-4.9275+1.0984i
54.0	-0.0088+0.1556i	0.0345+0.1410i	0.0181+0.0741i	-0.0088+0.1403i	-2.6655+3.2606i	-0.9212-0.4173i	-6.9554+1.8251i	-4.7602+1.1287i
54.1	0.0091+0.1434i	0.0486+0.1444i	0.0269+0.0720i	0.0034+0.1371i	-2.8804+3.1791i	-0.8022-0.3279i	-6.9009+1.6548i	-4.6457+1.1011i
54.2	-0.0043+0.1299i	0.0541+0.1320i	0.0237+0.0627i	0.0027+0.1290i	-2.6943+3.6594i	-0.9955-0.4531i	-6.9660+2.0352i	-4.6817+1.0004i
54.3	-0.0030+0.1340i	0.0607+0.1285i	0.0248+0.0628i	0.0063+0.1300i	-2.5308+3.9393i	-1.1693-0.5743i	-6.9443+2.2611i	-4.6589+1.0337i
54.4	0.0091+0.1262i	0.0734+0.1205i	0.0336+0.0571i	0.0170+0.1240i	-2.1544+4.1196i	-1.3516-0.5851i	-6.7445+2.4794i	-4.5905+1.0163i
54.5	0.0132+0.1066i	0.0855+0.1037i	0.0391+0.0441i	0.0237+0.1127i	-1.8306+4.5218i	-1.5399-0.6768i	-6.7577+2.7633i	-4.5313+0.9389i
54.6	0.0191+0.1044i	0.0909+0.0991i	0.0428+0.0421i	0.0286+0.1088i	-1.8391+4.2983i	-1.5350-0.5871i	-6.6138+2.5807i	-4.5187+0.8953i
54.7	0.0202+0.0869i	0.0957+0.0866i	0.0458+0.0324i	0.0316+0.0973i	-1.9672+4.3196i	-1.5042-0.6019i	-6.5862+2.4705i	-4.4762+0.7958i
54.8	-0.0017+0.0715i	0.0870+0.0638i	0.0348+0.0182i	0.0219+0.0846i	-1.6235+4.7377i	-1.8064-0.7826i	-6.5504+2.7945i	-4.5384+0.7365i
54.9	-0.0137+0.0886i	0.0737+0.0688i	0.0250+0.0263i	0.0141+0.0916i	-1.4848+4.5865i	-2.0218-0.6050i	-6.3326+2.7243i	-4.5787+0.7516i
55.0	-0.0155+0.0829i	0.0689+0.0572i	0.0228+0.0201i	0.0132+0.0852i	-1.0985+4.5241i	-2.2186-0.4768i	-6.1014+2.7480i	-4.5749+0.6926i
55.1	-0.0035+0.0735i	0.0774+0.0479i	0.0302+0.0140i	0.0218+0.0791i	-1.0605+4.6707i	-2.1970-0.5482i	-6.1073+2.7717i	-4.5263+0.6677i
55.2	-0.0073+0.0677i	0.0710+0.0399i	0.0255+0.0101i	0.0202+0.0726i	-0.9411+4.7432i	-2.2880-0.4579i	-6.0169+2.7901i	-4.5371+0.5949i
55.3	-0.0196+0.0620i	0.0569+0.0291i	0.0158+0.0049i	0.0121+0.0658i	-0.4371+4.5217i	-2.5514-0.3105i	-5.6907+2.8059i	-4.5730+0.5270i
55.4	-0.0418+0.0566i	0.0332+0.0228i	0.0003+0.0019i	-0.0025+0.0588i	0.2545+4.1716i	-2.8494-0.0762i	-5.2392+2.8581i	-4.6555+0.4659i
55.5	-0.0444+0.0528i	0.0334+0.0204i	-0.0008+0.0003i	-0.0030+0.0571i	0.1578+4.3715i	-2.7948-0.1746i	-5.3720+2.8056i	-4.7059+0.4509i
55.6	-0.0554+0.0524i	0.0249+0.0176i	-0.0083-0.0008i	-0.0090+0.0565i	0.3542+4.5746i	-3.0999-0.2012i	-5.3251+2.8836i	-4.7162+0.3921i
55.7	-0.0705+0.0579i	0.0075+0.0190i	-0.0185+0.0022i	-0.0193+0.0561i	0.6689+4.0016i	-3.3530+0.1475i	-5.0410+2.7326i	-4.7053+0.3274i
55.8	-0.0844+0.0545i	-0.0064+0.0111i	-0.0269-0.0018i	-0.0260+0.0510i	1.2039+4.0027i	-3.6014+0.2434i	-4.8932+2.7814i	-4.7639+0.2801i
55.9	-0.0991+0.0647i	-0.0272+0.0178i	-0.0387+0.0040i	-0.0376+0.0538i	1.5897+3.5189i	-3.7790+0.6524i	-4.6743+2.6652i	-4.8216+0.2305i
56.0	-0.0928+0.0730i	-0.0217+0.0253i	-0.0354+0.0086i	-0.0359+0.0588i	1.2541+3.3486i	-3.5387+0.7931i	-4.7269+2.4633i	-4.8893+0.2652i

56.1	-0.1033+0.0851i	-0.0363+0.0387i	-0.0429+0.0169i	-0.0444+0.0652i	1.2060+2.8440i	-3.5935+0.9507i	-4.6214+2.1928i	-4.9126+0.2563i
56.2	-0.1066+0.0880i	-0.0423+0.0386i	-0.0460+0.0180i	-0.0468+0.0658i	1.3358+2.9688i	-3.7892+1.0000i	-4.7258+2.1799i	-4.9143+0.2187i
56.3	-0.1104+0.0947i	-0.0478+0.0458i	-0.0493+0.0231i	-0.0499+0.0700i	1.2937+2.7913i	-3.8922+1.3275i	-4.7382+2.0742i	-4.9931+0.1463i
56.4	-0.1168+0.1067i	-0.0548+0.0590i	-0.0537+0.0315i	-0.0548+0.0766i	1.3032+2.5755i	-3.8932+1.6586i	-4.7127+1.9650i	-5.0540+0.1324i
56.5	-0.1193+0.1172i	-0.0593+0.0698i	-0.0570+0.0381i	-0.0582+0.0828i	1.2762+2.3342i	-3.9053+1.9081i	-4.6966+1.8722i	-5.0914+0.0948i
56.6	-0.1164+0.1216i	-0.0578+0.0756i	-0.0548+0.0410i	-0.0563+0.0855i	1.3802+2.1181i	-3.8329+2.0441i	-4.6556+1.7746i	-5.1128+0.0701i
56.7	-0.1152+0.1261i	-0.0586+0.0819i	-0.0549+0.0436i	-0.0564+0.0884i	1.1869+1.9628i	-3.7977+2.2581i	-4.7158+1.6556i	-5.1580+0.0719i
56.8	-0.1150+0.1338i	-0.0586+0.0893i	-0.0556+0.0492i	-0.0573+0.0929i	1.2237+1.6983i	-3.7024+2.4240i	-4.7068+1.5763i	-5.2395+0.0947i
56.9	-0.1124+0.1496i	-0.0556+0.1040i	-0.0532+0.0598i	-0.0554+0.1017i	1.0839+1.4637i	-3.5364+2.7928i	-4.7726+1.4465i	-5.2985+0.0744i
57.0	-0.1100+0.1583i	-0.0528+0.1144i	-0.0523+0.0650i	-0.0557+0.1073i	0.8341+1.4637i	-3.3354+3.0721i	-4.8823+1.3248i	-5.4231+0.0056i
57.1	-0.1022+0.1562i	-0.0486+0.1140i	-0.0486+0.0641i	-0.0527+0.1061i	0.6705+1.1985i	-3.1677+3.1268i	-4.9410+1.2256i	-5.4317+0.0211i
57.2	-0.1175+0.1647i	-0.0614+0.1255i	-0.0575+0.0707i	-0.0630+0.1119i	0.7563+0.8420i	-3.2211+3.4148i	-4.8725+1.1700i	-5.5020+0.0302i
57.3	-0.1152+0.1727i	-0.0568+0.1327i	-0.0548+0.0768i	-0.0614+0.1173i	0.7305+0.9264i	-3.2172+3.3826i	-4.9601+1.2678i	-5.5204+0.1121i
57.4	-0.1032+0.1870i	-0.0429+0.1451i	-0.0466+0.0860i	-0.0538+0.1260i	0.3763+0.7327i	-2.8502+3.6337i	-5.0196+1.0658i	-5.5518+0.1446i
57.5	-0.0946+0.1969i	-0.0347+0.1561i	-0.0419+0.0909i	-0.0482+0.1335i	0.0736+0.6134i	-2.5420+3.8279i	-5.1025+0.9190i	-5.5951+0.0971i
57.6	-0.0869+0.1988i	-0.0271+0.1571i	-0.0379+0.0920i	-0.0431+0.1350i	-0.0367+0.5166i	-2.3577+3.8664i	-5.1638+0.8898i	-5.6023+0.1232i
57.7	-0.0762+0.1970i	-0.0184+0.1546i	-0.0327+0.0904i	-0.0367+0.1337i	-0.0543+0.6871i	-2.2057+3.8350i	-5.2205+0.9163i	-5.6330+0.1564i
57.8	-0.0670+0.1985i	-0.0083+0.1543i	-0.0257+0.0920i	-0.0315+0.1340i	-0.3995+0.7150i	-1.8975+3.8450i	-5.4119+0.7984i	-5.6686+0.1779i
57.9	-0.0650+0.1982i	-0.0058+0.1549i	-0.0231+0.0927i	-0.0303+0.1339i	-0.4471+0.6358i	-1.8416+3.9029i	-5.4171+0.8209i	-5.6372+0.2029i
58.0	-0.0606+0.2039i	0.0001+0.1582i	-0.0213+0.0957i	-0.0279+0.1362i	-0.4841+0.5176i	-1.5661+3.9550i	-5.5147+0.7400i	-5.6946+0.2030i
58.1	-0.0606+0.2091i	0.0026+0.1626i	-0.0210+0.0992i	-0.0268+0.1386i	-0.3891+0.5497i	-1.4314+3.9520i	-5.5848+0.7449i	-5.7678+0.1896i
58.2	-0.0560+0.2081i	0.0076+0.1589i	-0.0172+0.0964i	-0.0234+0.1377i	-0.7105+0.6585i	-1.3210+3.8354i	-5.7207+0.7430i	-5.7590+0.1516i
58.3	-0.0497+0.2037i	0.0118+0.1529i	-0.0146+0.0936i	-0.0202+0.1342i	-0.9452+0.6590i	-1.2076+3.6778i	-5.7515+0.7713i	-5.7372+0.2026i
58.4	-0.0418+0.1997i	0.0205+0.1457i	-0.0091+0.0902i	-0.0149+0.1314i	-1.0387+0.8087i	-1.0266+3.4675i	-5.9230+0.7471i	-5.7094+0.1911i
58.5	-0.0396+0.2003i	0.0220+0.1460i	-0.0069+0.0913i	-0.0130+0.1316i	-1.1049+0.7944i	-0.9401+3.4695i	-6.0863+0.7410i	-5.6960+0.1651i
58.6	-0.0344+0.2000i	0.0259+0.1464i	-0.0048+0.0915i	-0.0106+0.1314i	-1.1760+0.8677i	-0.8458+3.3714i	-6.2107+0.8083i	-5.6764+0.1811i
58.7	-0.0333+0.2046i	0.0245+0.1487i	-0.0066+0.0925i	-0.0114+0.1337i	-1.2998+0.9067i	-0.8195+3.4102i	-6.2502+0.8057i	-5.5914+0.1419i
58.8	-0.0286+0.2004i	0.0273+0.1429i	-0.0044+0.0891i	-0.0090+0.1301i	-1.3361+1.0506i	-0.7542+3.2948i	-6.3842+0.9341i	-5.6056+0.1002i
58.9	-0.0229+0.1974i	0.0304+0.1381i	-0.0012+0.0874i	-0.0063+0.1280i	-1.3325+1.0889i	-0.7261+3.1860i	-6.4270+0.9850i	-5.6564+0.1023i
59.0	-0.0227+0.1947i	0.0286+0.1361i	-0.0009+0.0859i	-0.0063+0.1263i	-1.3548+1.1198i	-0.7352+3.0896i	-6.3870+1.0299i	-5.6461-0.0215i
59.1	-0.0226+0.1907i	0.0248+0.1325i	-0.0017+0.0839i	-0.0065+0.1237i	-1.3110+1.2018i	-0.7790+2.9409i	-6.4470+1.1110i	-5.6823-0.1222i
59.2	-0.0252+0.1876i	0.0204+0.1321i	-0.0051+0.0815i	-0.0095+0.1222i	-1.3520+1.3164i	-0.8686+2.9413i	-6.6440+1.1554i	-5.6731-0.2238i
59.3	-0.0265+0.1831i	0.0201+0.1290i	-0.0063+0.0789i	-0.0100+0.1198i	-1.3642+1.4589i	-0.9733+2.8228i	-6.7218+1.2761i	-5.7051-0.3068i
59.4	-0.0292+0.1835i	0.0155+0.1312i	-0.0092+0.0810i	-0.0112+0.1202i	-1.1386+1.4344i	-1.1003+2.8067i	-6.7223+1.3819i	-5.7106-0.2907i
59.5	-0.0336+0.1853i	0.0118+0.1344i	-0.0113+0.0832i	-0.0140+0.1213i	-1.0612+1.2879i	-1.1823+2.9095i	-6.7172+1.4294i	-5.6942-0.4073i
59.6	-0.0321+0.1922i	0.0107+0.1408i	-0.0115+0.0886i	-0.0146+0.1247i	-1.1120+1.2203i	-1.1516+2.9527i	-6.7125+1.5479i	-5.8827-0.6014i
59.7	-0.0338+0.1979i	0.0092+0.1470i	-0.0144+0.0917i	-0.0148+0.1289i	-1.1633+1.2633i	-1.1310+3.0259i	-6.6595+1.6507i	-6.1094-0.8850i
59.8	-0.0331+0.2016i	0.0106+0.1525i	-0.0130+0.0953i	-0.0142+0.1317i	-1.1191+1.2273i	-1.0906+3.1609i	-6.6176+1.7593i	-6.2440-1.0077i
59.9	-0.0328+0.1980i	0.0120+0.1479i	-0.0125+0.0918i	-0.0129+0.1249i	-0.7952+0.7516i	-0.8529+2.9476i	-6.5728+1.8746i	-6.5606-0.8173i
60.0	-0.0335+0.1980i	0.0167+0.1484i	-0.0120+0.0898i	-0.0110+0.1198i	-0.6842+0.1867i	-0.3083+2.4843i	-6.4496+1.9497i	-7.2168-0.5460i
60.1	-0.0324+0.2166i	0.0179+0.1680i	-0.0119+0.1049i	-0.0123+0.1360i	-0.7625+0.7603i	-0.6838+3.4835i	-6.3497+1.9172i	-7.0539-1.1249i
60.2	-0.0256+0.2294i	0.0224+0.1807i	-0.0088+0.1153i	-0.0114+0.1456i	-1.1929+0.7135i	-0.8046+3.6952i	-6.2167+1.8439i	-7.1019-1.1199i
60.3	-0.0191+0.2305i	0.0308+0.1809i	-0.0039+0.1169i	-0.0063+0.1465i	-1.2411+0.6244i	-0.6997+3.6225i	-6.1628+1.7876i	-7.2549-0.9255i
60.4	-0.0105+0.2304i	0.0389+0.1819i	0.0008+0.1183i	-0.0021+0.1458i	-1.3702+0.6237i	-0.6274+3.5912i	-6.1348+1.7716i	-7.4559-0.7574i
60.5	-0.0040+0.2305i	0.0446+0.1847i	0.0056+0.1202i	-0.0005+0.1462i	-1.5686+0.5374i	-0.5495+3.6416i	-6.0732+1.7341i	-7.5583-0.7577i
60.6	0.0037+0.2281i	0.0513+0.1814i	0.0110+0.1185i	0.0028+0.1449i	-1.6976+0.4128i	-0.4711+3.5576i	-6.0438+1.6126i	-7.6574-0.6745i
60.7	0.0071+0.2277i	0.0555+0.1778i	0.0137+0.1171i	0.0056+0.1436i	-1.7669+0.3600i	-0.4451+3.6060i	-6.0995+1.5532i	-7.7423-0.5855i
60.8	0.0142+0.2260i	0.0635+0.1741i	0.0186+0.1163i	0.0095+0.1419i	-1.9164+0.4670i	-0.3345+3.4841i	-6.1688+1.4946i	-7.8364-0.3445i
60.9	0.0177+0.2299i	0.0690+0.1817i	0.0216+0.1202i	0.0108+0.1454i	-2.2112+0.3030i	-0.1355+3.6278i	-6.0942+1.4924i	-8.0125-0.3916i
61.0	0.0216+0.2317i	0.0776+0.1839i	0.0266+0.1223i	0.0133+0.1458i	-2.5717+0.2704i	0.0737+3.6771i	-6.0525+1.4259i	-8.1972-0.3525i
61.1	0.0273+0.2245i	0.0811+0.1757i	0.0307+0.1179i	0.0165+0.1415i	-2.6461+0.4725i	0.1074+3.4726i	-6.2041+1.3395i	-8.2034-0.0865i
61.2	0.0294+0.2221i	0.0797+0.1695i	0.0318+0.1153i	0.0168+0.1402i	-2.6941+0.5521i	0.0637+3.4067i	-6.2568+1.3198i	-8.1790+0.0369i
61.3	0.0358+0.2189i	0.0884+0.1646i	0.0367+0.1129i	0.0212+0.1385i	-2.9510+0.4672i	0.1280+3.2177i	-6.2663+1.1757i	-8.3331+0.1516i
61.4	0.0373+0.2123i	0.0876+0.1569i	0.0365+0.1083i	0.0210+0.1338i	-2.9364+0.6057i	0.0217+3.1173i	-6.3459+1.1927i	-8.2661+0.2119i
61.5	0.0368+0.2055i	0.0862+0.1486i	0.0365+0.1023i	0.0207+0.1291i	-3.1163+0.8081i	-0.0412+2.9976i	-6.4608+1.1426i	-8.2113+0.3148i
61.6	0.0417+0.2034i	0.0875+0.1485i	0.0387+0.1019i	0.0209+0.1300i	-3.3074+0.8587i	-0.0184+3.0064i	-6.5867+1.1314i	-8.2975+0.3502i
61.7	0.0402+0.2018i	0.0844+0.1457i	0.0376+0.1009i	0.0189+0.1282i	-3.3521+0.9061i	-0.0764+3.0122i	-6.6500+1.1124i	-8.2839+0.3511i
61.8	0.0405+0.2015i	0.0803+0.1444i	0.0374+0.0996i	0.0177+0.1274i	-3.4672+0.8933i	-0.0489+3.0441i	-6.7369+1.0882i	-8.2976+0.3950i
61.9	0.0393+0.2029i	0.0777+0.1498i	0.0355+0.1027i	0.0163+0.1301i	-3.5688+0.9905i	-0.0199+3.1277i	-6.7843+1.0900i	-8.3624+0.4274i
62.0	0.0410+0.1994i	0.0804+0.1474i	0.0385+0.1015i	0.0181+0.1288i	-3.7916+1.1346i	0.0470+3.0558i	-6.7760+1.0343i	-8.4072+0.4407i
62.1	0.0409+0.1983i	0.0795+0.1462i	0.0380+0.1010i	0.0180+0.1282i	-3.7670+1.0558i	0.0160+2.9945i	-6.8241+1.0033i	-8.4304+0.4348i
62.2	0.0393+0.1930i	0.0762+0.1445i	0.0361+0.0979i	0.0153+0.1254i	-3.8860+1.1677i	-0.1511+2.9449i	-6.9009+0.9906i	-8.4007+0.5155i
62.3	0.0354+0.1866i	0.0732+0.1414i	0.0357+0.0944i	0.0124+0.1218i	-4.0772+1.3233i	-0.2495+2.9178i	-7.0401+1.0098i	-8.3866+0.5799i

62.4	0.0398+0.1924i	0.0805+0.1487i	0.0390+0.0997i	0.0155+0.1265i	-4.1719+1.4685i	-0.0594+2.9808i	-7.0603+1.0560i	-8.5487+0.5492i
62.5	0.0399+0.1874i	0.0779+0.1479i	0.0384+0.0961i	0.0147+0.1261i	-4.4059+1.6498i	-0.1489+2.9637i	-7.2092+1.0197i	-8.4976+0.6346i
62.6	0.0378+0.1881i	0.0763+0.1500i	0.0376+0.0981i	0.0138+0.1276i	-4.4840+1.8351i	-0.1484+3.0201i	-7.2605+1.0125i	-8.5572+0.6273i
62.7	0.0354+0.1866i	0.0778+0.1513i	0.0380+0.0972i	0.0129+0.1270i	-4.6081+1.9604i	-0.1522+3.0076i	-7.3054+0.9429i	-8.6580+0.6384i
62.8	0.0334+0.1890i	0.0776+0.1568i	0.0364+0.0989i	0.0115+0.1297i	-4.7283+2.0111i	-0.1644+3.1284i	-7.3106+0.9498i	-8.7183+0.6179i
62.9	0.0324+0.1887i	0.0791+0.1579i	0.0369+0.1008i	0.0122+0.1300i	-4.6696+2.2721i	-0.1845+3.1834i	-7.4443+0.9735i	-8.7439+0.6565i
63.0	0.0286+0.1883i	0.0747+0.1627i	0.0354+0.1014i	0.0089+0.1307i	-4.8342+2.3647i	-0.2350+3.3726i	-7.5231+1.0104i	-8.8303+0.6268i
63.1	0.0279+0.1854i	0.0765+0.1571i	0.0354+0.0978i	0.0086+0.1297i	-4.8344+2.4766i	-0.2710+3.1622i	-7.6828+1.0830i	-8.8138+0.7144i
63.2	0.0263+0.1873i	0.0800+0.1596i	0.0364+0.0996i	0.0081+0.1317i	-4.8505+2.8011i	-0.2460+3.2531i	-7.7990+1.1268i	-8.9440+0.8061i
63.3	0.0229+0.1867i	0.0812+0.1624i	0.0362+0.1004i	0.0082+0.1309i	-5.0399+3.1134i	-0.2423+3.3638i	-7.8347+1.1615i	-9.0425+0.8485i
63.4	0.0191+0.1883i	0.0833+0.1671i	0.0351+0.1012i	0.0061+0.1329i	-5.1417+3.3382i	-0.1214+3.4444i	-7.8670+1.0923i	-9.1749+0.7674i
63.5	0.0190+0.1903i	0.0843+0.1651i	0.0360+0.1010i	0.0056+0.1333i	-5.1249+3.3445i	-0.1543+3.4727i	-8.0333+1.0750i	-9.1486+0.8256i
63.6	0.0138+0.1909i	0.0833+0.1684i	0.0339+0.1020i	0.0033+0.1350i	-5.1732+3.5724i	-0.1977+3.5790i	-8.1769+1.1111i	-9.2486+0.8066i
63.7	0.0051+0.1942i	0.0824+0.1729i	0.0299+0.1049i	-0.0006+0.1376i	-5.3196+4.0141i	-0.2574+3.7310i	-8.2820+1.1641i	-9.3889+0.8896i
63.8	0.0035+0.2027i	0.0870+0.1778i	0.0310+0.1087i	-0.0002+0.1424i	-5.2578+4.4050i	-0.1175+3.7873i	-8.4112+1.2449i	-9.5084+0.9797i
63.9	0.0004+0.2054i	0.0857+0.1793i	0.0300+0.1109i	-0.0029+0.1433i	-5.3295+4.4917i	-0.1306+3.8194i	-8.5363+1.1988i	-9.6106+1.0346i
64.0	-0.0073+0.2090i	0.0861+0.1836i	0.0277+0.1126i	-0.0058+0.1461i	-5.3995+4.6701i	-0.2432+3.9372i	-8.7113+1.1916i	-9.7348+1.0197i
64.1	-0.0123+0.2166i	0.0854+0.1903i	0.0255+0.1156i	-0.0067+0.1512i	-5.3987+5.1273i	-0.2536+4.1099i	-8.8908+1.3539i	-9.7963+1.0517i
64.2	-0.0076+0.2321i	0.0975+0.1995i	0.0313+0.1241i	-0.0032+0.1602i	-5.2102+5.4633i	0.0448+4.3175i	-9.0017+1.5906i	-9.9929+1.1962i
64.3	-0.0078+0.2364i	0.1022+0.2026i	0.0329+0.1274i	-0.0024+0.1627i	-5.1412+5.7015i	0.1342+4.3570i	-8.9476+1.6185i	-10.0474+1.2597i
64.4	-0.0111+0.2434i	0.1044+0.2047i	0.0320+0.1303i	-0.0043+0.1656i	-4.9152+5.9862i	0.2043+4.4594i	-9.0314+1.6333i	-10.1095+1.3520i
64.5	-0.0078+0.2487i	0.1122+0.2051i	0.0362+0.1321i	-0.0017+0.1681i	-4.7828+6.3407i	0.3634+4.4417i	-9.1691+1.6379i	-10.2326+1.4629i
64.6	-0.0052+0.2553i	0.1156+0.2080i	0.0373+0.1358i	0.0010+0.1722i	-4.7165+6.5151i	0.4595+4.5771i	-9.2372+1.8292i	-10.3903+1.6128i
64.7	-0.0060+0.2632i	0.1181+0.2082i	0.0371+0.1386i	-0.0004+0.1743i	-4.6228+6.6909i	0.5284+4.6414i	-9.3612+1.8713i	-10.5319+1.6928i
64.8	-0.0037+0.2744i	0.1247+0.2171i	0.0411+0.1446i	0.0006+0.1818i	-4.5579+7.0208i	0.6779+4.7452i	-9.6394+1.8869i	-10.7133+1.8217i
64.9	0.0054+0.2911i	0.1356+0.2208i	0.0475+0.1519i	0.0052+0.1902i	-3.8918+7.2904i	1.0314+4.8527i	-9.4937+2.1430i	-10.7546+1.9954i
65.0	0.0097+0.3036i	0.1431+0.2229i	0.0518+0.1571i	0.0084+0.1971i	-3.6432+7.2668i	1.2871+4.9375i	-9.4983+2.2294i	-10.8387+2.1292i
65.1	0.0128+0.3127i	0.1472+0.2280i	0.0539+0.1610i	0.0108+0.2028i	-3.5144+7.4877i	1.3619+5.0221i	-9.6031+2.4198i	-10.9290+2.1814i
65.2	0.0249+0.3183i	0.1523+0.2281i	0.0595+0.1618i	0.0172+0.2052i	-3.3655+7.4423i	1.5216+4.9507i	-9.6375+2.5629i	-11.0349+2.3217i
65.3	0.0385+0.3338i	0.1602+0.2312i	0.0664+0.1678i	0.0225+0.2124i	-3.0780+7.6535i	1.8618+4.9862i	-9.8095+2.6694i	-11.1615+2.5496i
65.4	0.0481+0.3458i	0.1672+0.2355i	0.0720+0.1757i	0.0274+0.2196i	-2.6643+7.9819i	2.1050+4.9654i	-9.8194+2.7776i	-11.1458+2.7914i
65.5	0.0515+0.3505i	0.1752+0.2383i	0.0768+0.1767i	0.0300+0.2228i	-2.2354+8.3303i	2.1459+5.0277i	-10.1506+2.9408i	-11.1643+3.0519i
65.6	0.0562+0.3568i	0.1775+0.2460i	0.0799+0.1808i	0.0321+0.2291i	-2.3643+8.1234i	2.2828+4.9941i	-9.9116+2.8839i	-11.3214+3.1048i
65.7	0.0743+0.3672i	0.1968+0.2504i	0.0916+0.1867i	0.0439+0.2348i	-2.1173+8.1959i	2.6702+4.9731i	-10.0242+2.8752i	-11.3365+3.3758i
65.8	0.0907+0.3744i	0.2159+0.2514i	0.1042+0.1913i	0.0529+0.2412i	-1.8040+8.2114i	3.0001+4.9189i	-10.1885+2.9583i	-11.2925+3.5871i
65.9	0.1148+0.3802i	0.2325+0.2514i	0.1176+0.1934i	0.0667+0.2459i	-1.3691+8.1959i	3.3339+4.8113i	-10.1827+3.2452i	-11.2316+3.7973i
66.0	0.1364+0.3873i	0.2495+0.2526i	0.1288+0.1953i	0.0804+0.2512i	-1.2225+8.3669i	3.7160+4.7547i	-10.2967+3.4313i	-11.2251+4.0682i
66.1	0.1517+0.3785i	0.2602+0.2465i	0.1375+0.1893i	0.0888+0.2470i	-1.1030+8.1916i	3.7633+4.5807i	-10.3724+3.5288i	-11.2286+4.2234i
66.2	0.1666+0.3819i	0.2727+0.2455i	0.1476+0.1883i	0.0981+0.2487i	-0.8323+8.2954i	4.0099+4.4809i	-10.3698+3.9740i	-11.2726+4.4206i
66.3	0.1762+0.3764i	0.2806+0.2414i	0.1545+0.1855i	0.1037+0.2475i	-0.5709+8.3714i	4.1129+4.3155i	-10.4731+4.0753i	-11.2549+4.5267i
66.4	0.1864+0.3805i	0.2877+0.2443i	0.1613+0.1873i	0.1092+0.2512i	-0.3399+8.1702i	4.1727+4.3646i	-10.6172+4.1578i	-11.1832+4.6593i
66.5	0.2008+0.3749i	0.3030+0.2418i	0.1713+0.1861i	0.1188+0.2502i	-0.1983+8.0838i	4.4158+4.1170i	-10.5909+4.2269i	-11.1253+4.7861i
66.6	0.2259+0.3651i	0.3270+0.2313i	0.1880+0.1806i	0.1355+0.2457i	-0.0330+7.9949i	4.8453+3.6971i	-10.4984+4.2614i	-10.9112+4.9635i
66.7	0.2317+0.3538i	0.3379+0.2204i	0.1945+0.1724i	0.1427+0.2384i	-0.2400+7.9121i	4.8416+3.4195i	-10.5391+4.2255i	-10.8356+5.0767i
66.8	0.2510+0.3432i	0.3572+0.2084i	0.2070+0.1648i	0.1575+0.2352i	0.1939+7.9176i	5.1135+3.1531i	-10.2464+4.6949i	-10.6712+5.3305i
66.9	0.2717+0.3370i	0.3803+0.1968i	0.2221+0.1600i	0.1722+0.2302i	0.6145+8.0617i	5.4893+2.8107i	-10.2212+4.9901i	-10.5450+5.3566i
67.0	0.2811+0.3310i	0.3943+0.1791i	0.2314+0.1508i	0.1779+0.2247i	0.7162+8.2426i	5.4863+2.4849i	-10.7145+5.0590i	-10.4732+5.4967i
67.1	0.2921+0.3263i	0.4043+0.1694i	0.2385+0.1450i	0.1849+0.2214i	0.6652+8.2913i	5.5849+2.2870i	-10.9959+5.1437i	-10.5574+5.6641i
67.2	0.3036+0.3119i	0.4069+0.1527i	0.2452+0.1329i	0.1911+0.2121i	0.9599+7.9052i	5.5927+2.0229i	-10.6947+5.4387i	-10.4058+5.6230i
67.3	0.3117+0.2910i	0.4118+0.1324i	0.2496+0.1196i	0.1978+0.2005i	1.1187+7.6239i	5.5048+1.5788i	-10.5087+5.5731i	-10.3238+5.6958i
67.4	0.3280+0.2796i	0.4266+0.1176i	0.2593+0.1115i	0.2067+0.1968i	1.4373+7.7898i	5.6910+1.2875i	-10.6642+6.0171i	-10.1533+5.8040i
67.5	0.3346+0.2556i	0.4401+0.0989i	0.2671+0.0971i	0.2157+0.1835i	1.5462+7.8033i	5.7091+0.7190i	-10.7168+5.6995i	-10.1388+5.7898i
67.6	0.3485+0.2368i	0.4491+0.0759i	0.2746+0.0815i	0.2255+0.1697i	1.9917+7.5725i	5.6714+0.2456i	-10.4964+6.1192i	-9.9219+5.8658i
67.7	0.3601+0.2239i	0.4626+0.0570i	0.2837+0.0695i	0.2368+0.1602i	2.2750+7.7466i	5.7620-0.1484i	-10.5042+6.5068i	-9.7435+5.9393i
67.8	0.3664+0.2102i	0.4784+0.0350i	0.2923+0.0574i	0.2444+0.1519i	2.3641+8.0315i	5.7767-0.5769i	-10.6058+6.7685i	-9.7196+6.1295i
67.9	0.3668+0.2094i	0.4840+0.0272i	0.2934+0.0528i	0.2466+0.1497i	2.6116+8.0562i	5.6222-0.5481i	-10.6761+7.1002i	-9.9794+6.2191i
68.0	0.3520+0.1906i	0.4726+0.0058i	0.2858+0.0365i	0.2406+0.1360i	2.2918+7.8144i	5.2337-0.9680i	-10.6197+6.9485i	-10.0391+5.9020i
68.1	0.3474+0.1701i	0.4679-0.0220i	0.2838+0.0203i	0.2388+0.1190i	2.6260+7.7494i	4.8815-1.4463i	-10.5086+6.9574i	-9.9289+5.8450i
68.2	0.3501+0.1514i	0.4700-0.0531i	0.2874+0.0025i	0.2420+0.1031i	3.0217+7.7829i	4.7261-2.0090i	-10.5086+7.1096i	-9.8341+5.8512i
68.3	0.3383+0.1418i	0.4553-0.0688i	0.2771-0.0066i	0.2333+0.0953i	3.0172+7.4552i	4.3837-2.1035i	-10.4014+7.5244i	-9.8394+5.6247i
68.4	0.3323+0.1283i	0.4448-0.0901i	0.2711-0.0193i	0.2299+0.0861i	3.3732+7.1242i	4.0398-2.3109i	-9.7971+7.8244i	-9.8233+5.6844i
68.5	0.3329+0.1201i	0.4446-0.1143i	0.2734-0.0316i	0.2311+0.0758i	4.0326+7.0821i	3.6720-2.5301i	-9.9706+8.0638i	-9.8643+5.9498i
68.6	0.3319+0.1146i	0.4416-0.1352i	0.2708-0.0420i	0.2306+0.0687i	4.4140+7.3635i	3.3448-2.7358i	-10.3008+8.5491i	-10.1559+6.1006i

68.7	0.3188+0.0988i	0.4118-0.1543i	0.2555-0.0541i	0.2172+0.0573i	4.6048+7.0259i	2.6574-2.8294i	-10.1708+8.7004i	-10.2184+5.9992i
68.8	0.3110+0.0937i	0.3987-0.1649i	0.2472-0.0634i	0.2110+0.0517i	4.6541+6.7095i	2.2860-2.8807i	-10.1362+8.4621i	-10.1546+5.9596i
68.9	0.3076+0.0909i	0.3883-0.1781i	0.2431-0.0712i	0.2091+0.0472i	5.0129+6.5256i	1.9453-3.0184i	-9.8226+8.6757i	-10.3884+6.1189i
69.0	0.3033+0.0843i	0.3751-0.1916i	0.2375-0.0790i	0.2046+0.0426i	5.3688+6.6702i	1.5012-3.1812i	-9.7869+8.9120i	-10.5893+6.2503i
69.1	0.3022+0.0790i	0.3616-0.1971i	0.2315-0.0852i	0.1990+0.0420i	5.3489+6.1887i	1.3796-2.9051i	-9.6712+9.2519i	-10.2899+6.3987i
69.2	0.2988+0.0742i	0.3619-0.2076i	0.2314-0.0905i	0.2010+0.0383i	5.7634+6.0023i	0.9758-2.9251i	-9.7876+9.7951i	-10.5409+6.7273i
69.3	0.2970+0.0671i	0.3553-0.2145i	0.2264-0.0962i	0.1995+0.0316i	5.8639+5.6276i	0.6712-2.8218i	-9.5303+9.7971i	-10.5962+6.9699i
69.4	0.2934+0.0747i	0.3507-0.2157i	0.2239-0.0952i	0.1953+0.0343i	5.7852+5.2587i	0.2519-2.4372i	-9.7186+9.8374i	-10.9384+7.2819i
69.5	0.2850+0.0637i	0.3384-0.2338i	0.2165-0.1066i	0.1920+0.0264i	5.9983+4.8772i	-0.1643-2.3293i	-9.3629+9.8822i	-10.9598+7.4204i
69.6	0.2832+0.0656i	0.3342-0.2460i	0.2128-0.1122i	0.1896+0.0242i	6.1364+4.6726i	-0.3101-2.0891i	-9.2928+10.0616i	-11.0541+7.7155i
69.7	0.2785+0.0632i	0.3359-0.2655i	0.2105-0.1211i	0.1906+0.0167i	6.2178+4.7461i	-0.4290-2.2269i	-9.4484+10.1957i	-11.2009+7.8382i
69.8	0.2814+0.0591i	0.3196-0.2689i	0.2035-0.1257i	0.1886+0.0166i	5.9432+4.0420i	-0.2565-1.8185i	-8.7573+10.5084i	-10.8455+8.0958i
69.9	0.2806+0.0454i	0.3015-0.2824i	0.1938-0.1362i	0.1856+0.0095i	5.8048+3.7236i	-0.3463-1.8401i	-8.0110+10.6704i	-10.7341+8.3338i
70.0	0.2783+0.0469i	0.2784-0.2885i	0.1834-0.1403i	0.1793+0.0088i	5.8547+3.2199i	-0.4692-1.3531i	-7.7920+10.9694i	-10.4433+8.8112i
70.1	0.2789+0.0423i	0.2630-0.3071i	0.1776-0.1469i	0.1758+0.0032i	5.8742+2.8287i	-0.6390-1.1453i	-7.8349+11.4073i	-10.2580+9.2264i
70.2	0.2804+0.0451i	0.2600-0.3230i	0.1768-0.1530i	0.1768+0.0011i	6.0731+2.7976i	-0.9417-0.9828i	-8.1734+11.7587i	-10.5527+9.8089i
70.3	0.2789+0.0373i	0.2412-0.3229i	0.1658-0.1577i	0.1742-0.0008i	5.9026+2.3244i	-0.7624-0.7914i	-7.1066+11.8017i	-10.0955+9.9988i
70.4	0.2834+0.0297i	0.2199-0.3309i	0.1584-0.1646i	0.1711-0.0039i	5.7913+1.9240i	-0.8172-0.5316i	-6.5916+12.2120i	-9.9125+10.4292i
70.5	0.2733+0.0311i	0.2166-0.3323i	0.1529-0.1634i	0.1677-0.0047i	5.4994+2.1007i	-0.9247-0.4907i	-6.6824+11.9829i	-9.9653+10.4721i
70.6	0.2709+0.0250i	0.1996-0.3418i	0.1415-0.1692i	0.1655-0.0084i	5.4001+1.5293i	-0.8210-0.1632i	-6.1358+12.2742i	-9.6072+10.8774i
70.7	0.2736+0.0230i	0.1816-0.3632i	0.1349-0.1817i	0.1637-0.0143i	5.6022+1.2396i	-0.9073+0.0468i	-6.2371+12.7368i	-9.2438+11.4494i
70.8	0.2675+0.0177i	0.1628-0.3709i	0.1252-0.1872i	0.1603-0.0202i	5.5111+1.0559i	-0.9872+0.1449i	-5.7883+12.4780i	-8.8412+11.7373i
70.9	0.2655+0.0138i	0.1501-0.3790i	0.1175-0.1888i	0.1556-0.0219i	5.3904+0.9080i	-1.0642+0.2453i	-5.4164+12.2475i	-8.6038+11.8506i
71.0	0.2633+0.0010i	0.1132-0.3874i	0.0989-0.1958i	0.1481-0.0288i	5.2785+0.5373i	-0.9224+0.3477i	-4.5595+12.7681i	-7.7587+12.0112i
71.1	0.2587-0.0052i	0.0864-0.3888i	0.0841-0.1996i	0.1426-0.0331i	4.9989+0.4765i	-0.8954+0.3973i	-4.0793+12.5421i	-7.2972+11.9110i
71.2	0.2551-0.0071i	0.0635-0.3864i	0.0720-0.1975i	0.1383-0.0347i	4.5017+0.2006i	-0.6079+0.4235i	-3.3652+12.2015i	-6.7155+11.7370i
71.3	0.2504-0.0087i	0.0301-0.3879i	0.0538-0.1966i	0.1300-0.0361i	4.3185-0.0600i	-0.5933+0.4176i	-3.0586+11.9099i	-6.2919+11.5783i
71.4	0.2440-0.0161i	-0.0057-0.3760i	0.0364-0.1921i	0.1204-0.0401i	3.9717-0.2744i	-0.4761+0.4404i	-2.4229+11.7378i	-5.6750+11.2876i
71.5	0.2528-0.0240i	-0.0345-0.3774i	0.0255-0.1963i	0.1171-0.0431i	4.0656-0.3300i	-0.4039+0.6122i	-1.9547+11.9249i	-5.2337+11.5920i
71.6	0.2425-0.0351i	-0.0691-0.3559i	0.0072-0.1892i	0.1060-0.0434i	3.7821-0.1962i	-0.4765+0.5452i	-1.8597+11.2700i	-4.7268+11.2624i
71.7	0.2391-0.0375i	-0.0962-0.3377i	-0.0044-0.1826i	0.0987-0.0415i	3.6592-0.3521i	-0.4725+0.6656i	-1.8066+11.1036i	-4.2840+11.1192i
71.8	0.2373-0.0356i	-0.1077-0.3065i	-0.0104-0.1701i	0.0950-0.0320i	3.4653-0.4142i	-0.2753+0.8192i	-1.4414+11.0180i	-4.2390+10.7112i
71.9	0.2287-0.0493i	-0.1286-0.2766i	-0.0250-0.1593i	0.0907-0.0304i	3.1347-0.5482i	-0.1810+0.8009i	-0.9236+10.7590i	-3.7835+10.2870i
72.0	0.2183-0.0543i	-0.1413-0.2492i	-0.0345-0.1479i	0.0854-0.0267i	2.8356-0.5211i	-0.1904+0.7915i	-0.6245+10.1447i	-3.6203+10.0490i
72.1	0.2102-0.0497i	-0.1383-0.2310i	-0.0364-0.1380i	0.0821-0.0228i	2.7189-0.3483i	-0.2584+0.7301i	-0.9337+9.6826i	-3.8654+9.7770i
72.2	0.1993-0.0539i	-0.1438-0.2021i	-0.0419-0.1281i	0.0775-0.0175i	2.7127-0.3321i	-0.2739+0.7401i	-1.0709+9.6430i	-3.6693+9.3399i
72.3	0.1853-0.0554i	-0.1440-0.1703i	-0.0490-0.1146i	0.0758-0.0126i	2.5313-0.4822i	-0.2232+0.8853i	-0.7933+9.5576i	-3.4851+8.8227i
72.4	0.1705-0.0565i	-0.1330-0.1428i	-0.0510-0.1002i	0.0762-0.0089i	2.0969-0.4843i	-0.0593+0.8122i	-0.3600+9.0820i	-3.5353+8.2580i
72.5	0.1684-0.0578i	-0.1311-0.1400i	-0.0515-0.1002i	0.0764-0.0094i	2.1334-0.4355i	-0.1102+0.9014i	-0.7906+8.8495i	-3.5135+8.3805i
72.6	0.1555-0.0490i	-0.1204-0.1204i	-0.0526-0.0863i	0.0737-0.0045i	2.0504-0.2981i	-0.1371+0.9377i	-0.7782+8.3855i	-3.7634+8.0731i
72.7	0.1443-0.0417i	-0.1091-0.1045i	-0.0520-0.0730i	0.0742-0.0013i	1.7426-0.2725i	-0.0307+0.9360i	-0.4921+7.9964i	-4.0075+7.6417i
72.8	0.1365-0.0369i	-0.1044-0.0941i	-0.0535-0.0666i	0.0751+0.0010i	1.7396-0.3498i	0.0080+0.9158i	-0.3866+8.0797i	-4.1253+7.3638i
72.9	0.1355-0.0327i	-0.1013-0.0847i	-0.0508-0.0600i	0.0732+0.0031i	1.7639-0.3063i	0.0103+0.9943i	-0.6325+8.2351i	-4.0538+7.3389i
73.0	0.1277-0.0252i	-0.0935-0.0752i	-0.0506-0.0506i	0.0726+0.0059i	1.6288-0.2331i	0.0196+1.0635i	-0.7198+7.9674i	-4.1763+7.2627i
73.1	0.1238-0.0205i	-0.0853-0.0744i	-0.0485-0.0471i	0.0732+0.0067i	1.5804-0.1184i	0.0228+1.0312i	-0.9997+7.6786i	-4.4027+7.3382i
73.2	0.1195-0.0138i	-0.0805-0.0710i	-0.0472-0.0412i	0.0735+0.0075i	1.6182-0.0667i	0.0351+1.0303i	-1.1922+7.7806i	-4.5009+7.3507i
73.3	0.1224-0.0038i	-0.0734-0.0657i	-0.0420-0.0341i	0.0745+0.0100i	1.4420+0.0846i	0.0190+1.0601i	-1.0268+7.7168i	-4.7479+7.3678i
73.4	0.1222+0.0111i	-0.0671-0.0661i	-0.0401-0.0275i	0.0756+0.0140i	1.4119+0.1424i	-0.0086+1.1624i	-1.4190+7.6513i	-5.1490+7.3870i
73.5	0.1257+0.0193i	-0.0632-0.0658i	-0.0390-0.0247i	0.0766+0.0165i	1.4977+0.2002i	0.0483+1.2113i	-1.6848+7.5898i	-5.3255+7.4685i
73.6	0.1290+0.0184i	-0.0645-0.0638i	-0.0369-0.0239i	0.0755+0.0136i	1.4617+0.1760i	0.1198+1.1805i	-1.6752+7.4866i	-5.0361+7.5102i
73.7	0.1293+0.0221i	-0.0634-0.0610i	-0.0339-0.0192i	0.0756+0.0118i	1.3889+0.1600i	0.1919+1.1712i	-1.6261+7.4811i	-5.0516+7.4059i
73.8	0.1284+0.0253i	-0.0602-0.0578i	-0.0313-0.0134i	0.0743+0.0138i	1.2782+0.1430i	0.1914+1.1376i	-1.4463+7.4614i	-5.2798+7.3848i
73.9	0.1336+0.0274i	-0.0604-0.0558i	-0.0276-0.0117i	0.0748+0.0152i	1.2672+0.1950i	0.1835+1.0634i	-1.5950+7.3250i	-5.4201+7.5207i
74.0	0.1399+0.0303i	-0.0622-0.0549i	-0.0256-0.0097i	0.0758+0.0168i	1.1759+0.2987i	0.2000+1.0415i	-1.8583+7.1787i	-5.5663+7.8136i
74.1	0.1417+0.0322i	-0.0625-0.0493i	-0.0243-0.0051i	0.0742+0.0190i	1.1355+0.2835i	0.2381+1.0702i	-1.6279+7.4027i	-5.5767+7.8332i
74.2	0.1435+0.0359i	-0.0598-0.0439i	-0.0223-0.0006i	0.0748+0.0204i	1.1466+0.2147i	0.3111+1.0740i	-1.4021+7.6532i	-5.5948+7.8933i
74.3	0.1432+0.0376i	-0.0575-0.0397i	-0.0206+0.0014i	0.0737+0.0204i	1.1193+0.2728i	0.3210+1.0288i	-1.4907+7.5922i	-5.5313+8.1086i
74.4	0.1468+0.0380i	-0.0566-0.0368i	-0.0169+0.0047i	0.0744+0.0208i	1.1129+0.2589i	0.3784+1.0169i	-1.4716+7.5915i	-5.4330+8.4216i
74.5	0.1488+0.0450i	-0.0520-0.0321i	-0.0140+0.0094i	0.0765+0.0246i	1.0430+0.2665i	0.3940+1.0285i	-1.1952+7.6646i	-5.6839+8.3948i
74.6	0.1464+0.0468i	-0.0502-0.0287i	-0.0126+0.0113i	0.0764+0.0263i	0.9802+0.3599i	0.3131+1.0118i	-1.3009+7.4717i	-5.6172+8.3779i
74.7	0.1484+0.0511i	-0.0486-0.0239i	-0.0096+0.0149i	0.0774+0.0278i	0.9850+0.2993i	0.3974+1.0587i	-1.2583+7.6487i	-5.4673+8.5773i
74.8	0.1578+0.0521i	-0.0470-0.0223i	-0.0038+0.0157i	0.0792+0.0296i	0.9646+0.3346i	0.4496+1.0317i	-1.1130+7.6894i	-5.3764+8.9711i
74.9	0.1657+0.0514i	-0.0427-0.0210i	-0.0003+0.0168i	0.0841+0.0308i	0.9568+0.1798i	0.5287+0.9745i	-0.6752+7.5094i	-5.1618+9.0841i

75.0	0.1675+0.0521i	-0.0381-0.0149i	0.0020+0.0208i	0.0860+0.0308i	0.9084+0.1968i	0.5507+0.9751i	-0.3594+7.3892i	-5.0846+8.9913i
75.1	0.1749+0.0545i	-0.0390-0.0127i	0.0058+0.0244i	0.0865+0.0313i	0.9563+0.2862i	0.5180+0.9461i	-0.8294+7.5958i	-5.1177+9.1537i
75.2	0.1778+0.0521i	-0.0350-0.0128i	0.0083+0.0215i	0.0889+0.0306i	0.8965+0.3456i	0.4994+0.9023i	-0.7557+7.3473i	-4.8526+9.2325i
75.3	0.1825+0.0583i	-0.0325-0.0106i	0.0117+0.0250i	0.0909+0.0330i	0.9445+0.4100i	0.4704+0.9775i	-0.8893+7.4410i	-4.8535+9.4407i
75.4	0.1873+0.0557i	-0.0314-0.0080i	0.0152+0.0260i	0.0935+0.0320i	0.9754+0.3900i	0.4749+0.9345i	-0.7004+7.5813i	-4.6476+9.5199i
75.5	0.1883+0.0521i	-0.0298-0.0081i	0.0195+0.0253i	0.0931+0.0311i	0.8333+0.4581i	0.4403+0.8018i	-0.7957+7.1922i	-4.3411+9.2714i
75.6	0.1858+0.0506i	-0.0266-0.0074i	0.0200+0.0240i	0.0932+0.0299i	0.8266+0.4418i	0.4018+0.8149i	-0.6286+7.0848i	-4.2788+9.0343i
75.7	0.1944+0.0478i	-0.0238-0.0042i	0.0238+0.0235i	0.0963+0.0296i	0.8388+0.4965i	0.4814+0.8764i	-0.5607+7.0484i	-4.1630+9.2016i
75.8	0.2063+0.0347i	-0.0224-0.0060i	0.0302+0.0176i	0.0991+0.0225i	0.7290+0.4597i	0.5756+0.7423i	-0.0300+6.6930i	-3.6147+9.5016i
75.9	0.1981+0.0268i	-0.0248-0.0031i	0.0271+0.0144i	0.0956+0.0209i	0.7037+0.5448i	0.4069+0.6357i	-0.6353+6.5915i	-3.2603+9.0331i
76.0	0.2085+0.0235i	-0.0195+0.0009i	0.0328+0.0163i	0.1016+0.0194i	0.7176+0.4176i	0.4975+0.6261i	-0.0546+6.7205i	-3.2358+9.2764i
76.1	0.2135+0.0210i	-0.0178-0.0006i	0.0358+0.0158i	0.1026+0.0179i	0.7215+0.3193i	0.5622+0.6292i	0.1417+6.6142i	-3.0593+9.3377i
76.2	0.2187+0.0242i	-0.0155+0.0017i	0.0371+0.0176i	0.1031+0.0188i	0.8105+0.3725i	0.4987+0.6810i	0.0130+7.0511i	-3.0749+9.2625i
76.3	0.2214+0.0180i	-0.0158+0.0011i	0.0391+0.0146i	0.1057+0.0167i	0.8169+0.4540i	0.4465+0.6299i	-0.1631+6.8644i	-2.9395+9.2082i
76.4	0.2223+0.0064i	-0.0143-0.0005i	0.0399+0.0104i	0.1062+0.0107i	0.7211+0.4418i	0.4415+0.5584i	0.0240+6.3476i	-2.6792+9.1680i
76.5	0.2106-0.0039i	-0.0132+0.0013i	0.0379+0.0082i	0.1017+0.0066i	0.6529+0.3969i	0.4009+0.5234i	0.1876+6.0969i	-2.4432+8.8814i
76.6	0.2049-0.0070i	-0.0120+0.0053i	0.0369+0.0082i	0.1004+0.0053i	0.6226+0.3833i	0.3218+0.5280i	0.3333+5.9729i	-2.3735+8.5971i
76.7	0.2108-0.0097i	-0.0074+0.0078i	0.0396+0.0090i	0.1027+0.0063i	0.6715+0.3513i	0.3125+0.5178i	0.3743+6.1795i	-2.3625+8.6833i
76.8	0.2130-0.0094i	-0.0050+0.0083i	0.0422+0.0092i	0.1040+0.0054i	0.7269+0.3628i	0.3488+0.5480i	0.3726+6.3590i	-2.2742+8.5668i
76.9	0.2062-0.0122i	-0.0054+0.0064i	0.0405+0.0061i	0.1008+0.0032i	0.6090+0.4352i	0.3207+0.5344i	0.0550+5.8333i	-2.1416+8.2624i
77.0	0.2020-0.0198i	-0.0054+0.0038i	0.0400+0.0017i	0.0984+0.0010i	0.5919+0.4720i	0.2513+0.4985i	-0.0777+5.4515i	-1.9626+8.1458i
77.1	0.2051-0.0219i	0.0012+0.0069i	0.0430+0.0035i	0.0995+0.0005i	0.6085+0.4329i	0.2703+0.4738i	0.3369+5.6916i	-1.9799+8.1373i
77.2	0.2030-0.0253i	-0.0011+0.0087i	0.0417+0.0031i	0.0958-0.0019i	0.5910+0.4787i	0.2210+0.4999i	0.2517+5.6869i	-1.9924+8.0673i
77.3	0.1941-0.0392i	-0.0003+0.0078i	0.0402-0.0020i	0.0921-0.0074i	0.6138+0.4336i	0.1271+0.4013i	0.6817+5.4157i	-1.6071+7.6630i
77.4	0.1895-0.0390i	0.0031+0.0045i	0.0400-0.0034i	0.0916-0.0074i	0.6390+0.4429i	0.1182+0.3638i	0.4827+5.3183i	-1.5303+7.5516i
77.5	0.1936-0.0328i	0.0030+0.0072i	0.0407+0.0009i	0.0933-0.0060i	0.5912+0.4171i	0.0980+0.4523i	0.2196+5.5661i	-1.7061+7.6385i
77.6	0.1882-0.0258i	0.0038+0.0110i	0.0407+0.0056i	0.0913-0.0026i	0.5609+0.4107i	0.0534+0.4770i	0.3319+5.6036i	-1.9470+7.3700i
77.7	0.1846-0.0248i	0.0050+0.0123i	0.0410+0.0064i	0.0906-0.0002i	0.6261+0.4999i	0.0262+0.5097i	0.0562+5.5010i	-1.9283+7.2382i
77.8	0.1810-0.0220i	0.0048+0.0136i	0.0390+0.0083i	0.0884+0.0005i	0.6699+0.5092i	-0.0039+0.5503i	0.0509+5.1382i	-2.0137+7.1327i
77.9	0.1631-0.0211i	0.0028+0.0121i	0.0324+0.0067i	0.0806-0.0000i	0.5269+0.4643i	-0.1630+0.5008i	0.0908+4.9278i	-2.0312+6.5291i
78.0	0.1749-0.0264i	0.0083+0.0140i	0.0389+0.0059i	0.0856-0.0014i	0.4602+0.4469i	-0.0877+0.5109i	0.4951+5.1538i	-1.9059+6.6402i
78.1	0.1708-0.0373i	0.0120+0.0111i	0.0401+0.0011i	0.0843-0.0060i	0.4578+0.4325i	-0.0487+0.4610i	0.5398+4.9060i	-1.5344+6.5286i
78.2	0.1710-0.0349i	0.0124+0.0102i	0.0409+0.0030i	0.0856-0.0053i	0.5118+0.4455i	-0.1152+0.5392i	0.3284+4.6688i	-1.7021+6.4601i
78.3	0.1706-0.0240i	0.0114+0.0136i	0.0402+0.0062i	0.0829-0.0015i	0.4310+0.3197i	-0.1773+0.5815i	0.2215+4.6491i	-2.0034+6.2135i
78.4	0.1678-0.0172i	0.0124+0.0147i	0.0404+0.0085i	0.0811+0.0021i	0.3512+0.3996i	-0.2594+0.6169i	0.0791+4.6452i	-2.2936+5.9645i
78.5	0.1869-0.0103i	0.0149+0.0165i	0.0473+0.0121i	0.0882+0.0048i	0.3996+0.3875i	-0.1955+0.6749i	0.3608+4.9276i	-2.5212+6.1736i
78.6	0.1825-0.0073i	0.0190+0.0183i	0.0461+0.0123i	0.0881+0.0064i	0.4339+0.5133i	-0.2406+0.7838i	-0.0225+4.3577i	-2.6760+6.2273i
78.7	0.1800-0.0239i	0.0168+0.0145i	0.0467+0.0064i	0.0884-0.0026i	0.4290+0.4574i	-0.2050+0.7428i	-0.0950+4.4773i	-2.2675+6.1308i
78.8	0.1811-0.0132i	0.0185+0.0172i	0.0474+0.0114i	0.0867+0.0029i	0.4199+0.4778i	-0.2375+0.8347i	-0.2365+4.4779i	-2.6195+5.8800i
78.9	0.1841+0.0100i	0.0176+0.0239i	0.0463+0.0201i	0.0863+0.0145i	0.4143+0.5343i	-0.3060+0.9508i	-0.6965+4.8858i	-3.3346+5.8728i
79.0	0.2000-0.0026i	0.0239+0.0256i	0.0547+0.0181i	0.0953+0.0110i	0.5615+0.4180i	-0.1362+1.0578i	-0.0907+5.6507i	-3.2518+6.3332i
79.1	0.2038-0.0187i	0.0328+0.0223i	0.0602+0.0125i	0.0972+0.0021i	0.5638+0.2576i	-0.0643+0.9504i	1.1189+5.3128i	-2.9516+6.1348i
79.2	0.2000-0.0276i	0.0354+0.0160i	0.0584+0.0071i	0.0958-0.0018i	0.4610+0.1419i	-0.0486+0.8406i	1.2739+4.6458i	-2.9256+5.9793i
79.3	0.1861-0.0193i	0.0346+0.0132i	0.0549+0.0082i	0.0900+0.0010i	0.3284+0.1112i	-0.1928+0.8401i	0.9820+3.8811i	-3.2434+5.6519i
79.4	0.1985-0.0336i	0.0384+0.0079i	0.0609+0.0023i	0.0954-0.0064i	0.2147+0.1223i	-0.1442+0.8787i	0.9987+3.7856i	-3.2005+6.0569i
79.5	0.1927-0.0373i	0.0368+0.0052i	0.0593-0.0003i	0.0934-0.0075i	0.2170+0.1246i	-0.1507+0.8826i	1.1018+3.6915i	-3.1778+5.9603i
79.6	0.1860-0.0352i	0.0359+0.0066i	0.0580+0.0012i	0.0904-0.0058i	0.1480+0.1454i	-0.1864+0.9205i	0.9184+3.5495i	-3.3421+5.7744i
79.7	0.1930-0.0170i	0.0418+0.0092i	0.0626+0.0069i	0.0930+0.0004i	0.0562+0.1722i	-0.1771+1.0337i	0.7546+3.3234i	-3.8864+5.9432i
79.8	0.1879-0.0202i	0.0353+0.0066i	0.0589+0.0045i	0.0886-0.0017i	0.0521+0.2111i	-0.2526+0.9775i	0.6116+3.0640i	-3.8191+5.8563i
79.9	0.1900-0.0373i	0.0347+0.0004i	0.0582-0.0029i	0.0898-0.0085i	-0.0014+0.1832i	-0.1892+0.9453i	0.7641+3.1194i	-3.4608+6.0156i
80.0	0.2018-0.0436i	0.0370-0.0016i	0.0636-0.0054i	0.0926-0.0103i	-0.0052+0.2772i	-0.1084+1.0264i	0.7897+3.0737i	-3.5317+6.3714i

1.1.33 Run 9 – IP270A10 – NF and AF gauges

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.5794+0.0000i	0.2837+0.0000i	1.1039+0.0000i	2.2043+0.0000i	0.0077+0.0000i	-0.0140+0.0000i	0.0096+0.0000i	0.0290+0.0000i
0.1	0.5795-0.0151i	0.2816-0.0038i	1.1029+0.0119i	2.2027-0.0090i	0.0087-0.0009i	-0.0140-0.0006i	0.0096+0.0011i	0.0315+0.0038i
0.2	-0.1134+0.0465i	-0.1475-0.1097i	-1.5672-0.3317i	1.6327+0.1977i	-0.0008-0.0368i	-0.0300-0.0035i	0.0087+0.0214i	0.0700-0.1172i
0.3	-0.1555+0.0001i	0.0482-0.0541i	-1.6237-0.0910i	1.5876+0.0594i	-0.0085+0.0006i	-0.0093-0.0011i	-0.0140+0.0045i	-0.0418+0.0042i
0.4	-0.0720-0.0027i	0.1124-0.0082i	-1.5420-0.0379i	1.4678+0.0342i	-0.0124-0.0000i	-0.0098-0.0024i	-0.0152+0.0001i	-0.0225+0.0031i
0.5	-0.0576-0.0076i	0.1082+0.0092i	-1.5186-0.0427i	1.4534+0.0263i	-0.0114-0.0000i	-0.0072-0.0010i	-0.0140-0.0005i	-0.0168+0.0003i
0.6	-0.0668-0.0199i	0.1143+0.0124i	-1.5364-0.0495i	1.4717+0.0287i	-0.0120-0.0021i	-0.0078-0.0038i	-0.0146-0.0027i	-0.0182+0.0001i
0.7	-0.0410-0.0270i	0.1021+0.0131i	-1.5391-0.0050i	1.4964+0.0009i	-0.0104-0.0031i	-0.0101-0.0040i	-0.0104-0.0018i	-0.0234-0.0013i
0.8	0.0706-0.0663i	0.0275+0.0360i	-1.4443-0.0240i	1.4398+0.0287i	0.0025-0.0070i	0.0037-0.0067i	0.0098-0.0084i	-0.0091-0.0071i
0.9	0.1678-0.1643i	-0.0251+0.0967i	-1.3884-0.0858i	1.4173+0.0641i	0.0122-0.0178i	0.0140-0.0163i	0.0281-0.0264i	0.0003-0.0204i
1.0	-0.0126-0.0623i	0.0506+0.0095i	-1.6133-0.0616i	1.5255+0.0549i	-0.0072-0.0045i	-0.0017-0.0051i	-0.0021-0.0066i	-0.0166-0.0045i
1.1	-0.1524+0.0009i	0.1361-0.0114i	-1.7053+0.0007i	1.5783+0.0082i	-0.0218+0.0007i	-0.0167+0.0003i	-0.0265+0.0005i	-0.0307+0.0029i
1.2	-0.1454+0.0009i	0.1420-0.0041i	-1.6857+0.0024i	1.5737+0.0030i	-0.0227+0.0000i	-0.0167-0.0002i	-0.0273-0.0011i	-0.0287+0.0013i
1.3	-0.1299+0.0038i	0.1386-0.0068i	-1.6906+0.0165i	1.5800-0.0037i	-0.0222+0.0010i	-0.0156+0.0006i	-0.0264-0.0008i	-0.0287+0.0025i
1.4	-0.1299+0.0014i	0.1411-0.0087i	-1.6985+0.0232i	1.5898-0.0135i	-0.0225+0.0015i	-0.0159+0.0016i	-0.0264+0.0002i	-0.0303+0.0044i
1.5	-0.1199+0.0011i	0.1360-0.0112i	-1.7153+0.0355i	1.6063-0.0259i	-0.0204+0.0029i	-0.0138+0.0028i	-0.0233+0.0016i	-0.0286+0.0056i
1.6	-0.1136+0.0013i	0.1338-0.0063i	-1.7607+0.0453i	1.6493-0.0342i	-0.0195+0.0004i	-0.0122+0.0002i	-0.0203-0.0019i	-0.0272+0.0017i
1.7	-0.1144-0.0029i	0.1362-0.0032i	-1.7986+0.0915i	1.6853-0.0731i	-0.0210-0.0009i	-0.0140-0.0015i	-0.0214-0.0049i	-0.0303+0.0014i
1.8	-0.1143-0.0100i	0.1395-0.0006i	-1.8543+0.1898i	1.7407-0.1581i	-0.0227-0.0008i	-0.0161-0.0026i	-0.0228-0.0078i	-0.0344+0.0028i
1.9	-0.1195-0.0137i	0.1464-0.0066i	-1.8756+0.3358i	1.7650-0.2878i	-0.0255+0.0003i	-0.0187-0.0031i	-0.0264-0.0098i	-0.0389+0.0062i
2.0	-0.1270-0.0177i	0.1473-0.0116i	-1.6976+0.5047i	1.6096-0.4347i	-0.0281+0.0024i	-0.0227-0.0026i	-0.0352-0.0112i	-0.0398+0.0108i
2.1	-0.1470+0.0047i	0.1566-0.0167i	-1.3500+0.3254i	1.2974-0.2926i	-0.0317+0.0066i	-0.0282+0.0035i	-0.0493-0.0014i	-0.0402+0.0155i
2.2	-0.1707+0.0329i	0.1777-0.0438i	-1.3084+0.1980i	1.2712-0.1786i	-0.0408+0.0182i	-0.0375+0.0163i	-0.0636+0.0199i	-0.0561+0.0332i
2.3	-0.1467+0.0864i	0.1496-0.1038i	-1.3348+0.1208i	1.2875-0.1199i	-0.0286+0.0442i	-0.0259+0.0428i	-0.0458+0.0596i	-0.0374+0.0752i
2.4	-0.0706+0.0519i	0.0735-0.0641i	-1.3697+0.0834i	1.3000-0.0807i	0.0068+0.0268i	0.0099+0.0259i	0.0058+0.0350i	0.0196+0.0461i
2.5	-0.0702+0.0112i	0.0761-0.0167i	-1.4006+0.0643i	1.3298-0.0539i	0.0060+0.0060i	0.0094+0.0057i	0.0054+0.0055i	0.0180+0.0126i
2.6	-0.0906+0.0002i	0.0951-0.0067i	-1.4243+0.0500i	1.3562-0.0391i	-0.0029+0.0014i	0.0004+0.0010i	-0.0069-0.0010i	0.0029+0.0049i
2.7	-0.0963-0.0023i	0.1022-0.0036i	-1.4355+0.0418i	1.3683-0.0310i	-0.0062+0.0001i	-0.0026-0.0001i	-0.0115-0.0026i	-0.0022+0.0031i
2.8	-0.0997-0.0020i	0.1071-0.0038i	-1.4515+0.0376i	1.3836-0.0262i	-0.0082+0.0003i	-0.0044-0.0000i	-0.0143-0.0023i	-0.0054+0.0026i
2.9	-0.1018+0.0001i	0.1088-0.0042i	-1.4659+0.0330i	1.3980-0.0222i	-0.0095+0.0005i	-0.0056+0.0001i	-0.0156-0.0019i	-0.0075+0.0026i
3.0	-0.1035-0.0008i	0.1112-0.0041i	-1.4801+0.0278i	1.4121-0.0185i	-0.0103+0.0003i	-0.0064-0.0001i	-0.0166-0.0020i	-0.0088+0.0019i
3.1	-0.1040+0.0006i	0.1126-0.0041i	-1.4888+0.0241i	1.4187-0.0159i	-0.0109+0.0002i	-0.0070-0.0003i	-0.0172-0.0021i	-0.0098+0.0019i
3.2	-0.1039-0.0005i	0.1138-0.0043i	-1.4959+0.0234i	1.4256-0.0154i	-0.0115+0.0001i	-0.0075-0.0002i	-0.0179-0.0020i	-0.0106+0.0022i
3.3	-0.1060-0.0011i	0.1145-0.0047i	-1.5059+0.0217i	1.4359-0.0146i	-0.0119-0.0000i	-0.0077-0.0002i	-0.0185-0.0020i	-0.0114+0.0024i
3.4	-0.1044-0.0012i	0.1156-0.0046i	-1.5133+0.0194i	1.4421-0.0123i	-0.0122-0.0000i	-0.0080-0.0002i	-0.0189-0.0020i	-0.0118+0.0021i
3.5	-0.1041-0.0024i	0.1162-0.0043i	-1.5209+0.0186i	1.4499-0.0116i	-0.0125-0.0001i	-0.0083-0.0003i	-0.0193-0.0021i	-0.0126+0.0018i
3.6	-0.1069-0.0033i	0.1182-0.0039i	-1.5285+0.0164i	1.4569-0.0095i	-0.0130-0.0001i	-0.0087-0.0003i	-0.0198-0.0023i	-0.0131+0.0019i
3.7	-0.1075-0.0014i	0.1188-0.0044i	-1.5371+0.0149i	1.4649-0.0087i	-0.0133-0.0000i	-0.0088-0.0002i	-0.0204-0.0019i	-0.0135+0.0020i
3.8	-0.1092-0.0008i	0.1197-0.0051i	-1.5456+0.0152i	1.4731-0.0088i	-0.0135-0.0001i	-0.0091-0.0002i	-0.0207-0.0018i	-0.0137+0.0021i
3.9	-0.1100-0.0010i	0.1208-0.0050i	-1.5515+0.0171i	1.4801-0.0109i	-0.0137-0.0000i	-0.0092-0.0002i	-0.0209-0.0019i	-0.0142+0.0022i
4.0	-0.1090+0.0004i	0.1202-0.0050i	-1.5580+0.0158i	1.4850-0.0100i	-0.0137-0.0000i	-0.0092-0.0002i	-0.0208-0.0019i	-0.0144+0.0019i
4.1	-0.1106-0.0007i	0.1202-0.0046i	-1.5649+0.0156i	1.4921-0.0095i	-0.0138-0.0001i	-0.0094-0.0003i	-0.0211-0.0021i	-0.0142+0.0015i
4.2	-0.1119-0.0024i	0.1215-0.0042i	-1.5704+0.0166i	1.4976-0.0107i	-0.0141-0.0001i	-0.0096-0.0005i	-0.0215-0.0022i	-0.0140+0.0016i
4.3	-0.1114-0.0037i	0.1224-0.0043i	-1.5784+0.0163i	1.5039-0.0095i	-0.0143-0.0003i	-0.0097-0.0007i	-0.0218-0.0026i	-0.0143+0.0011i
4.4	-0.1122-0.0031i	0.1243-0.0044i	-1.5851+0.0161i	1.5107-0.0085i	-0.0145-0.0006i	-0.0100-0.0008i	-0.0224-0.0027i	-0.0148+0.0013i
4.5	-0.1136-0.0019i	0.1250-0.0044i	-1.5932+0.0160i	1.5181-0.0090i	-0.0150-0.0003i	-0.0102-0.0006i	-0.0228-0.0022i	-0.0156+0.0016i
4.6	-0.1154-0.0014i	0.1252-0.0056i	-1.6022+0.0146i	1.5260-0.0077i	-0.0152-0.0001i	-0.0104-0.0005i	-0.0231-0.0020i	-0.0156+0.0016i
4.7	-0.1160-0.0011i	0.1266-0.0061i	-1.6086+0.0150i	1.5332-0.0080i	-0.0154+0.0001i	-0.0105-0.0003i	-0.0235-0.0020i	-0.0154+0.0021i
4.8	-0.1141-0.0004i	0.1273-0.0056i	-1.6155+0.0143i	1.5402-0.0070i	-0.0155+0.0001i	-0.0106-0.0002i	-0.0237-0.0016i	-0.0154+0.0019i
4.9	-0.1136+0.0007i	0.1271-0.0063i	-1.6244+0.0147i	1.5473-0.0086i	-0.0157-0.0001i	-0.0103-0.0002i	-0.0239-0.0018i	-0.0156+0.0018i
5.0	-0.1161+0.0005i	0.1281-0.0069i	-1.6335+0.0162i	1.5564-0.0088i	-0.0159-0.0000i	-0.0106-0.0003i	-0.0244-0.0018i	-0.0160+0.0019i
5.1	-0.1182-0.0016i	0.1288-0.0065i	-1.6422+0.0167i	1.5640-0.0081i	-0.0161-0.0002i	-0.0110-0.0006i	-0.0248-0.0017i	-0.0167+0.0012i
5.2	-0.1197+0.0015i	0.1303-0.0073i	-1.6512+0.0172i	1.5708-0.0111i	-0.0163-0.0001i	-0.0111-0.0002i	-0.0251-0.0012i	-0.0165+0.0019i
5.3	-0.1184+0.0018i	0.1321-0.0075i	-1.6599+0.0178i	1.5793-0.0124i	-0.0163-0.0001i	-0.0110-0.0002i	-0.0250-0.0013i	-0.0161+0.0022i
5.4	-0.1212+0.0001i	0.1330-0.0067i	-1.6680+0.0189i	1.5879-0.0130i	-0.0164-0.0004i	-0.0114-0.0005i	-0.0255-0.0017i	-0.0168+0.0009i
5.5	-0.1224-0.0016i	0.1336-0.0077i	-1.6776+0.0217i	1.5961-0.0132i	-0.0169-0.0002i	-0.0117-0.0007i	-0.0258-0.0014i	-0.0176+0.0012i
5.6	-0.1223-0.0019i	0.1336-0.0075i	-1.6855+0.0220i	1.6034-0.0152i	-0.0171-0.0001i	-0.0118-0.0006i	-0.0262-0.0011i	-0.0174+0.0012i

5.7	-0.1282+0.0003i	0.1360-0.0091i	-1.6935+0.0234i	1.6114-0.0163i	-0.0177+0.0002i	-0.0125-0.0002i	-0.0275-0.0005i	-0.0186+0.0015i
5.8	-0.1294+0.0006i	0.1386-0.0092i	-1.7018+0.0239i	1.6166-0.0173i	-0.0181+0.0004i	-0.0130-0.0000i	-0.0282-0.0005i	-0.0189+0.0023i
5.9	-0.1274-0.0028i	0.1382-0.0090i	-1.7099+0.0243i	1.6215-0.0173i	-0.0185+0.0001i	-0.0129-0.0005i	-0.0283-0.0011i	-0.0194+0.0025i
6.0	-0.1296-0.0003i	0.1391-0.0093i	-1.7196+0.0264i	1.6284-0.0190i	-0.0188+0.0004i	-0.0131-0.0003i	-0.0287-0.0005i	-0.0198+0.0020i
6.1	-0.1344+0.0010i	0.1400-0.0104i	-1.7284+0.0259i	1.6387-0.0187i	-0.0191+0.0007i	-0.0135-0.0001i	-0.0295+0.0002i	-0.0196+0.0022i
6.2	-0.1385-0.0008i	0.1416-0.0118i	-1.7399+0.0216i	1.6470-0.0145i	-0.0198+0.0008i	-0.0140-0.0002i	-0.0301+0.0004i	-0.0203+0.0020i
6.3	-0.1451+0.0012i	0.1453-0.0118i	-1.7526+0.0231i	1.6569-0.0151i	-0.0205+0.0010i	-0.0152+0.0002i	-0.0317+0.0007i	-0.0221+0.0027i
6.4	-0.1492+0.0069i	0.1484-0.0150i	-1.7646+0.0286i	1.6658-0.0185i	-0.0212+0.0017i	-0.0158+0.0010i	-0.0326+0.0019i	-0.0228+0.0029i
6.5	-0.1500+0.0079i	0.1465-0.0138i	-1.7785+0.0271i	1.6698-0.0149i	-0.0218+0.0023i	-0.0157+0.0010i	-0.0328+0.0025i	-0.0234+0.0026i
6.6	-0.1625+0.0080i	0.1520-0.0151i	-1.7929+0.0268i	1.6781-0.0122i	-0.0235+0.0024i	-0.0174+0.0014i	-0.0356+0.0030i	-0.0259+0.0035i
6.7	-0.1819+0.0254i	0.1587-0.0211i	-1.8094+0.0357i	1.6849-0.0101i	-0.0261+0.0050i	-0.0199+0.0035i	-0.0394+0.0067i	-0.0293+0.0072i
6.8	-0.1968+0.0644i	0.1623-0.0341i	-1.8247+0.0484i	1.6921+0.0039i	-0.0278+0.0107i	-0.0217+0.0090i	-0.0420+0.0148i	-0.0318+0.0151i
6.9	-0.1685+0.1067i	0.1567-0.0459i	-1.8289+0.0648i	1.7178+0.0168i	-0.0235+0.0166i	-0.0177+0.0149i	-0.0361+0.0233i	-0.0256+0.0242i
7.0	-0.0947+0.1089i	0.1342-0.0449i	-1.8142+0.0692i	1.7596+0.0187i	-0.0122+0.0170i	-0.0072+0.0150i	-0.0207+0.0237i	-0.0092+0.0248i
7.1	-0.0601+0.0773i	0.1234-0.0376i	-1.8116+0.0586i	1.7791+0.0070i	-0.0075+0.0122i	-0.0023+0.0106i	-0.0137+0.0179i	-0.0024+0.0171i
7.2	-0.0670+0.0353i	0.1273-0.0245i	-1.8301+0.0406i	1.7924-0.0059i	-0.0088+0.0060i	-0.0032+0.0046i	-0.0149+0.0091i	-0.0042+0.0072i
7.3	-0.0736+0.0285i	0.1284-0.0245i	-1.8449+0.0378i	1.7989-0.0163i	-0.0101+0.0045i	-0.0043+0.0033i	-0.0163+0.0074i	-0.0064+0.0049i
7.4	-0.0860+0.0271i	0.1335-0.0259i	-1.8631+0.0403i	1.8095-0.0283i	-0.0121+0.0037i	-0.0061+0.0028i	-0.0186+0.0067i	-0.0098+0.0039i
7.5	-0.0963+0.0144i	0.1394-0.0200i	-1.8855+0.0355i	1.8250-0.0247i	-0.0137+0.0020i	-0.0077+0.0009i	-0.0208+0.0041i	-0.0125+0.0023i
7.6	-0.0979+0.0120i	0.1406-0.0175i	-1.8995+0.0345i	1.8299-0.0206i	-0.0147+0.0018i	-0.0086+0.0006i	-0.0221+0.0031i	-0.0144+0.0025i
7.7	-0.1074+0.0198i	0.1435-0.0249i	-1.9161+0.0421i	1.8431-0.0331i	-0.0161+0.0031i	-0.0095+0.0019i	-0.0238+0.0056i	-0.0161+0.0035i
7.8	-0.1100+0.0257i	0.1450-0.0295i	-1.9293+0.0462i	1.8607-0.0388i	-0.0161+0.0038i	-0.0093+0.0030i	-0.0238+0.0073i	-0.0155+0.0041i
7.9	-0.1078+0.0191i	0.1452-0.0259i	-1.9492+0.0441i	1.8777-0.0294i	-0.0158+0.0033i	-0.0092+0.0018i	-0.0235+0.0060i	-0.0141+0.0035i
8.0	-0.1143+0.0149i	0.1488-0.0252i	-1.9642+0.0433i	1.8917-0.0260i	-0.0165+0.0033i	-0.0099+0.0017i	-0.0245+0.0058i	-0.0153+0.0028i
8.1	-0.1141+0.0209i	0.1494-0.0306i	-1.9833+0.0446i	1.9102-0.0311i	-0.0166+0.0040i	-0.0100+0.0027i	-0.0250+0.0072i	-0.0153+0.0042i
8.2	-0.1127+0.0261i	0.1479-0.0354i	-2.0039+0.0466i	1.9297-0.0368i	-0.0163+0.0046i	-0.0095+0.0034i	-0.0250+0.0085i	-0.0146+0.0052i
8.3	-0.1120+0.0240i	0.1508-0.0334i	-2.0301+0.0518i	1.9494-0.0431i	-0.0164+0.0041i	-0.0095+0.0028i	-0.0246+0.0079i	-0.0150+0.0041i
8.4	-0.1212+0.0198i	0.1558-0.0323i	-2.0490+0.0544i	1.9714-0.0442i	-0.0176+0.0036i	-0.0109+0.0024i	-0.0262+0.0072i	-0.0168+0.0036i
8.5	-0.1271+0.0196i	0.1627-0.0338i	-2.0676+0.0590i	1.9933-0.0485i	-0.0189+0.0038i	-0.0121+0.0026i	-0.0277+0.0075i	-0.0188+0.0048i
8.6	-0.1253+0.0241i	0.1637-0.0350i	-2.0857+0.0677i	2.0069-0.0568i	-0.0190+0.0044i	-0.0120+0.0024i	-0.0269+0.0082i	-0.0201+0.0047i
8.7	-0.1198+0.0318i	0.1638-0.0433i	-2.0907+0.0765i	2.0148-0.0635i	-0.0188+0.0056i	-0.0115+0.0035i	-0.0260+0.0102i	-0.0208+0.0048i
8.8	-0.1177+0.0340i	0.1658-0.0533i	-2.0944+0.0714i	2.0257-0.0638i	-0.0194+0.0068i	-0.0121+0.0047i	-0.0266+0.0115i	-0.0222+0.0070i
8.9	-0.1196+0.0346i	0.1647-0.0610i	-2.1191+0.0632i	2.0535-0.0625i	-0.0193+0.0080i	-0.0122+0.0058i	-0.0267+0.0130i	-0.0222+0.0093i
9.0	-0.1107+0.0479i	0.1513-0.0762i	-2.1481+0.0592i	2.0754-0.0705i	-0.0172+0.0102i	-0.0101+0.0083i	-0.0231+0.0153i	-0.0187+0.0137i
9.1	-0.1086+0.0442i	0.1459-0.0792i	-2.1854+0.0500i	2.1027-0.0627i	-0.0162+0.0104i	-0.0091+0.0085i	-0.0221+0.0149i	-0.0180+0.0145i
9.2	-0.1027+0.0442i	0.1402-0.0784i	-2.2104+0.0537i	2.1190-0.0669i	-0.0156+0.0105i	-0.0079+0.0084i	-0.0209+0.0149i	-0.0171+0.0149i
9.3	-0.0912+0.0583i	0.1242-0.0960i	-2.2374+0.0631i	2.1378-0.0878i	-0.0131+0.0130i	-0.0049+0.0111i	-0.0165+0.0186i	-0.0129+0.0191i
9.4	-0.0737+0.0547i	0.0948-0.0855i	-2.2681+0.0712i	2.1539-0.0941i	-0.0088+0.0107i	-0.0008+0.0095i	-0.0094+0.0158i	-0.0072+0.0162i
9.5	-0.0682+0.0420i	0.0796-0.0679i	-2.3125+0.0731i	2.1930-0.0861i	-0.0069+0.0079i	0.0009+0.0061i	-0.0074+0.0108i	-0.0045+0.0115i
9.6	-0.0700+0.0297i	0.0856-0.0522i	-2.3469+0.0882i	2.2225-0.0883i	-0.0083+0.0059i	-0.0004+0.0032i	-0.0092+0.0078i	-0.0068+0.0077i
9.7	-0.0718+0.0174i	0.0920-0.0423i	-2.3741+0.0926i	2.2491-0.0838i	-0.0092+0.0045i	-0.0015+0.0018i	-0.0109+0.0060i	-0.0078+0.0055i
9.8	-0.0727+0.0176i	0.0958-0.0387i	-2.3980+0.1055i	2.2735-0.0962i	-0.0097+0.0034i	-0.0021+0.0015i	-0.0121+0.0053i	-0.0087+0.0043i
9.9	-0.0793+0.0202i	0.1008-0.0373i	-2.4250+0.1252i	2.3028-0.1185i	-0.0110+0.0035i	-0.0035+0.0013i	-0.0141+0.0057i	-0.0109+0.0044i
10.0	-0.0922+0.0110i	0.1061-0.0278i	-2.4682+0.1402i	2.3509-0.1259i	-0.0124+0.0036i	-0.0050+0.0008i	-0.0162+0.0056i	-0.0125+0.0042i
10.1	-0.0925+0.0044i	0.1081-0.0271i	-2.5123+0.1416i	2.3920-0.1198i	-0.0126+0.0039i	-0.0053+0.0010i	-0.0158+0.0070i	-0.0129+0.0050i
10.2	-0.0936+0.0037i	0.1096-0.0264i	-2.5474+0.1558i	2.4265-0.1289i	-0.0128+0.0048i	-0.0049+0.0017i	-0.0147+0.0063i	-0.0134+0.0059i
10.3	-0.0808+0.0190i	0.1042-0.0311i	-2.5619+0.1902i	2.4433-0.1679i	-0.0110+0.0063i	-0.0026+0.0033i	-0.0095+0.0068i	-0.0136+0.0101i
10.4	-0.0716+0.0161i	0.1000-0.0314i	-2.5841+0.2023i	2.4717-0.1823i	-0.0091+0.0069i	-0.0008+0.0037i	-0.0065+0.0060i	-0.0106+0.0131i
10.5	-0.0469+0.0070i	0.0909-0.0206i	-2.5997+0.2062i	2.4822-0.1912i	-0.0063+0.0049i	0.0022+0.0021i	-0.0027+0.0007i	-0.0072+0.0139i
10.6	-0.0460-0.0104i	0.0816-0.0124i	-2.6416+0.2069i	2.5195-0.1895i	-0.0048+0.0016i	0.0032-0.0011i	-0.0015-0.0056i	-0.0055+0.0121i
10.7	-0.0450-0.0289i	0.0768-0.0012i	-2.6832+0.2112i	2.5611-0.1902i	-0.0042-0.0009i	0.0040-0.0038i	-0.0012-0.0108i	-0.0036+0.0103i
10.8	-0.0232-0.0341i	0.0625+0.0100i	-2.6951+0.2288i	2.5696-0.2125i	-0.0030-0.0022i	0.0058-0.0057i	-0.0001-0.0161i	-0.0001+0.0099i
10.9	-0.0201-0.0609i	0.0605+0.0320i	-2.7463+0.2312i	2.6247-0.2117i	-0.0025-0.0058i	0.0060-0.0091i	-0.0026-0.0252i	0.0022+0.0078i
11.0	-0.0125-0.0883i	0.0554+0.0560i	-2.7622+0.2269i	2.6397-0.2083i	-0.0023-0.0091i	0.0064-0.0127i	-0.0064-0.0333i	0.0064+0.0076i
11.1	-0.0163-0.1251i	0.0578+0.0895i	-2.8063+0.2326i	2.6807-0.2121i	-0.0032-0.0133i	0.0057-0.0171i	-0.0126-0.0419i	0.0096+0.0056i
11.2	-0.0185-0.1680i	0.0602+0.1275i	-2.8473+0.2159i	2.7168-0.1983i	-0.0037-0.0189i	0.0053-0.0217i	-0.0188-0.0501i	0.0130+0.0009i
11.3	-0.0588-0.2255i	0.0953+0.1794i	-2.8868+0.2187i	2.7508-0.2064i	-0.0092-0.0256i	0.0004-0.0279i	-0.0359-0.0558i	0.0175-0.0090i
11.4	-0.1163-0.2618i	0.1480+0.2120i	-2.9299+0.2194i	2.7895-0.2091i	-0.0159-0.0295i	-0.0059-0.0321i	-0.0532-0.0524i	0.0188-0.0209i
11.5	-0.1964-0.2826i	0.2258+0.2298i	-2.9967+0.2000i	2.8518-0.1984i	-0.0249-0.0314i	-0.0143-0.0345i	-0.0719-0.0456i	0.0144-0.0333i
11.6	-0.2987-0.2617i	0.3190+0.1987i	-3.1089+0.1837i	2.9469-0.1756i	-0.0369-0.0280i	-0.0252-0.0318i	-0.0860-0.0260i	0.0003-0.0452i
11.7	-0.3467-0.2146i	0.3614+0.1544i	-3.2070+0.2036i	3.0371-0.1902i	-0.0423-0.0228i	-0.0307-0.0272i	-0.0878-0.0125i	-0.0111-0.0457i
11.8	-0.3704-0.1391i	0.3768+0.0887i	-3.3030+0.2354i	3.1282-0.2197i	-0.0446-0.0153i	-0.0332-0.0193i	-0.0815+0.0027i	-0.0234-0.0415i
11.9	-0.3665-0.0914i	0.3689+0.0460i	-3.3945+0.2457i	3.2141-0.2202i	-0.0447-0.0099i	-0.0324-0.0142i	-0.0740+0.0090i	-0.0303-0.0352i

12.0	-0.3463-0.0598i	0.3452+0.0200i	-3.5517+0.3303i	3.3647-0.2867i	-0.0428-0.0059i	-0.0295-0.0115i	-0.0669+0.0096i	-0.0326-0.0269i
12.1	-0.3378-0.0414i	0.3317+0.0197i	-3.6696+0.4131i	3.4644-0.3566i	-0.0418-0.0045i	-0.0281-0.0113i	-0.0631+0.0100i	-0.0334-0.0252i
12.2	-0.3162-0.0350i	0.3157+0.0315i	-3.6988+0.5411i	3.4993-0.4641i	-0.0395-0.0047i	-0.0263-0.0119i	-0.0627+0.0077i	-0.0288-0.0232i
12.3	-0.2980-0.0619i	0.3245+0.0610i	-3.6288+0.6333i	3.4539-0.5369i	-0.0388-0.0082i	-0.0260-0.0159i	-0.0669+0.0044i	-0.0244-0.0288i
12.4	-0.3205-0.0715i	0.3670+0.0683i	-3.6171+0.6406i	3.4681-0.5427i	-0.0422-0.0087i	-0.0303-0.0169i	-0.0709+0.0066i	-0.0292-0.0333i
12.5	-0.3444-0.0499i	0.4043+0.0361i	-3.6699+0.6333i	3.5380-0.5505i	-0.0454-0.0058i	-0.0346-0.0136i	-0.0729+0.0152i	-0.0364-0.0341i
12.6	-0.3618-0.0408i	0.4259+0.0074i	-3.7894+0.5759i	3.6566-0.5097i	-0.0481-0.0037i	-0.0364-0.0110i	-0.0707+0.0211i	-0.0439-0.0336i
12.7	-0.3554-0.0293i	0.4240-0.0127i	-3.8634+0.5551i	3.7257-0.4969i	-0.0482-0.0022i	-0.0359-0.0093i	-0.0661+0.0255i	-0.0478-0.0330i
12.8	-0.3654-0.0103i	0.4298-0.0406i	-3.9813+0.6001i	3.8333-0.5515i	-0.0491-0.0001i	-0.0365-0.0063i	-0.0622+0.0290i	-0.0537-0.0302i
12.9	-0.3684-0.0155i	0.4262-0.0450i	-4.0763+0.6075i	3.9210-0.5651i	-0.0494+0.0001i	-0.0365-0.0068i	-0.0580+0.0287i	-0.0584-0.0311i
13.0	-0.3718-0.0142i	0.4283-0.0467i	-4.1980+0.5927i	4.0322-0.5510i	-0.0506+0.0008i	-0.0368-0.0064i	-0.0539+0.0273i	-0.0646-0.0283i
13.1	-0.4012-0.0030i	0.4529-0.0582i	-4.3886+0.6685i	4.2166-0.6176i	-0.0538+0.0021i	-0.0401-0.0052i	-0.0560+0.0260i	-0.0716-0.0231i
13.2	-0.4154+0.0032i	0.4706-0.0721i	-4.5939+0.7036i	4.4207-0.6503i	-0.0564+0.0038i	-0.0423-0.0046i	-0.0578+0.0234i	-0.0746-0.0184i
13.3	-0.4128+0.0285i	0.4775-0.0991i	-4.7543+0.7621i	4.5741-0.7091i	-0.0570+0.0063i	-0.0417-0.0017i	-0.0546+0.0247i	-0.0781-0.0112i
13.4	-0.4314+0.0280i	0.4943-0.0990i	-4.9614+0.8354i	4.7774-0.7790i	-0.0587+0.0071i	-0.0432-0.0018i	-0.0556+0.0219i	-0.0816-0.0066i
13.5	-0.4254-0.0074i	0.5014-0.0700i	-5.1424+0.8009i	4.9484-0.7426i	-0.0584+0.0040i	-0.0421-0.0056i	-0.0555+0.0155i	-0.0791-0.0083i
13.6	-0.4470+0.0282i	0.5353-0.1129i	-5.4221+0.9690i	5.2256-0.9209i	-0.0615+0.0076i	-0.0444-0.0010i	-0.0604+0.0165i	-0.0826+0.0017i
13.7	-0.4809+0.0405i	0.5684-0.1293i	-5.6684+1.0997i	5.4696-1.0524i	-0.0668+0.0093i	-0.0467+0.0008i	-0.0668+0.0175i	-0.0872+0.0057i
13.8	-0.4962+0.1012i	0.5809-0.1969i	-5.8807+1.3561i	5.6783-1.3048i	-0.0675+0.0173i	-0.0472+0.0058i	-0.0694+0.0250i	-0.0860+0.0122i
13.9	-0.5149+0.0750i	0.6090-0.1879i	-6.1017+1.4159i	5.8865-1.3589i	-0.0705+0.0154i	-0.0501+0.0033i	-0.0748+0.0228i	-0.0884+0.0095i
14.0	-0.5814+0.1148i	0.6742-0.2470i	-6.4696+1.7438i	6.2641-1.6873i	-0.0785+0.0212i	-0.0571+0.0074i	-0.0870+0.0296i	-0.0943+0.0172i
14.1	-0.6011+0.1687i	0.7035-0.3299i	-6.8199+2.0297i	6.6053-1.9917i	-0.0819+0.0295i	-0.0586+0.0139i	-0.0908+0.0392i	-0.0987+0.0288i
14.2	-0.5735+0.1988i	0.6752-0.3908i	-7.0531+2.2659i	6.8072-2.2483i	-0.0797+0.0351i	-0.0539+0.0179i	-0.0865+0.0445i	-0.0964+0.0359i
14.3	-0.5685+0.2338i	0.6552-0.4450i	-7.2811+2.5943i	7.0098-2.5815i	-0.0780+0.0407i	-0.0519+0.0215i	-0.0834+0.0498i	-0.0929+0.0418i
14.4	-0.6205+0.2511i	0.6912-0.5101i	-7.8786+3.0509i	7.5722-3.0572i	-0.0845+0.0451i	-0.0570+0.0224i	-0.0897+0.0555i	-0.0989+0.0448i
14.5	-0.6241+0.3268i	0.6732-0.6179i	-8.0861+3.6573i	7.7556-3.6687i	-0.0832+0.0545i	-0.0566+0.0301i	-0.0925+0.0657i	-0.0962+0.0588i
14.6	-0.5983+0.3163i	0.6135-0.6789i	-8.4712+4.3701i	8.0701-4.3956i	-0.0788+0.0575i	-0.0521+0.0291i	-0.0900+0.0655i	-0.0888+0.0633i
14.7	-0.5546+0.3905i	0.5183-0.7910i	-8.2958+4.9665i	7.8390-5.0051i	-0.0711+0.0688i	-0.0453+0.0384i	-0.0786+0.0810i	-0.0792+0.0739i
14.8	-0.5204+0.4057i	0.3223-0.7893i	-8.0291+5.5652i	7.4213-5.5395i	-0.0597+0.0687i	-0.0357+0.0363i	-0.0637+0.0908i	-0.0669+0.0625i
14.9	-0.5074+0.4365i	0.2066-0.7348i	-8.1330+5.9794i	7.4228-5.8657i	-0.0570+0.0676i	-0.0319+0.0339i	-0.0511+0.0976i	-0.0730+0.0529i
15.0	-0.5968+0.3709i	0.2879-0.6180i	-8.8785+6.1679i	8.0936-5.9517i	-0.0694+0.0598i	-0.0404+0.0223i	-0.0482+0.0711i	-0.1018+0.0573i
15.1	-0.6325+0.4164i	0.3207-0.5990i	-9.7324+6.9026i	8.9029-6.5490i	-0.0736+0.0645i	-0.0425+0.0230i	-0.0640+0.0533i	-0.0952+0.0824i
15.2	-0.5904+0.4128i	0.3062-0.5371i	-10.3277+8.1685i	9.4902-7.6586i	-0.0705+0.0638i	-0.0383+0.0160i	-0.0711+0.0499i	-0.0789+0.0803i
15.3	-0.4852+0.6524i	0.2508-0.6935i	-10.6109+10.6415i	9.8107-9.9178i	-0.0617+0.0904i	-0.0309+0.0328i	-0.0669+0.0748i	-0.0606+0.1164i
15.4	-0.5110+0.8574i	0.2690-0.8683i	-10.6934+13.6212i	9.9153-12.6869i	-0.0647+0.1178i	-0.0375+0.0466i	-0.0788+0.1055i	-0.0596+0.1472i
15.5	-0.4880+1.1180i	0.2437-1.1021i	-8.7516+18.1547i	8.1785-16.9257i	-0.0570+0.1539i	-0.0474+0.0649i	-0.0869+0.1471i	-0.0424+0.1862i
15.6	-0.0948+1.4258i	-0.1136-1.3509i	-3.6266+20.9440i	3.4245-19.5679i	-0.0064+0.1903i	-0.0219+0.0993i	-0.0380+0.2006i	0.0234+0.2186i
15.7	0.4176+1.2880i	-0.5621-1.1926i	3.1830+19.0914i	-2.9375-17.8822i	0.0592+0.1722i	0.0190+0.0973i	0.0345+0.1928i	0.0982+0.1808i
15.8	0.4657+1.0339i	-0.6148-0.9626i	5.9755+16.9422i	-5.5233-15.9018i	0.0735+0.1408i	0.0222+0.0772i	0.0503+0.1621i	0.1093+0.1363i
15.9	0.5742+1.0209i	-0.7179-0.9219i	8.8979+13.4090i	-8.2707-12.6383i	0.0926+0.1310i	0.0321+0.0869i	0.0755+0.1662i	0.1255+0.1193i
16.0	0.4308+0.6910i	-0.5423-0.6177i	8.4637+10.3446i	-7.8999-9.7752i	0.0706+0.0876i	0.0166+0.0552i	0.0551+0.1186i	0.0952+0.0632i
16.1	0.3105+0.5958i	-0.4223-0.5353i	7.8481+8.8484i	-7.3339-8.3628i	0.0533+0.0734i	0.0051+0.0476i	0.0366+0.1022i	0.0704+0.0489i
16.2	0.3749+0.5165i	-0.4697-0.4507i	7.2811+7.4041i	-6.8219-6.9976i	0.0564+0.0607i	0.0134+0.0409i	0.0449+0.0894i	0.0679+0.0348i
16.3	0.2511+0.6022i	-0.3452-0.5412i	6.7525+6.4834i	-6.3148-6.1333i	0.0388+0.0706i	-0.0011+0.0542i	0.0298+0.1045i	0.0396+0.0474i
16.4	0.2122+0.7499i	-0.3038-0.6927i	6.2486+5.9789i	-5.8350-5.6754i	0.0318+0.0889i	-0.0055+0.0745i	0.0275+0.1284i	0.0249+0.0724i
16.5	0.3474+0.8947i	-0.4331-0.8497i	5.8071+5.5411i	-5.4369-5.2808i	0.0469+0.1094i	0.0119+0.0967i	0.0498+0.1533i	0.0407+0.1033i
16.6	0.5890+0.8679i	-0.7018-0.8227i	5.6845+5.5018i	-5.3644-5.2421i	0.0795+0.1100i	0.0448+0.0957i	0.0939+0.1523i	0.0800+0.1061i
16.7	0.7314+0.6165i	-0.8453-0.5530i	5.3968+5.3433i	-5.1100-5.0662i	0.0977+0.0792i	0.0653+0.0644i	0.1182+0.1118i	0.1048+0.0672i
16.8	0.7942+0.2967i	-0.8698-0.2064i	5.5604+4.9137i	-5.2505-4.6202i	0.1038+0.0371i	0.0708+0.0256i	0.1261+0.0588i	0.1105+0.0145i
16.9	0.7325+0.3066i	-0.7816-0.2150i	5.7387+4.2142i	-5.3863-3.9670i	0.0958+0.0365i	0.0624+0.0286i	0.1180+0.0565i	0.0968+0.0179i
17.0	0.7933+0.2462i	-0.8365-0.1826i	5.4690+3.9430i	-5.1295-3.7314i	0.1023+0.0310i	0.0704+0.0239i	0.1255+0.0479i	0.1052+0.0145i
17.1	0.7458-0.1616i	-0.8161+0.1968i	5.5289+3.7814i	-5.2151-3.5939i	0.0985-0.0162i	0.0667-0.0231i	0.1193-0.0122i	0.1005-0.0449i
17.2	0.2447-0.1745i	-0.3366+0.2325i	5.5023+3.1091i	-5.1973-2.9314i	0.0395-0.0201i	0.0089-0.0240i	0.0487-0.0160i	0.0239-0.0488i
17.3	0.1040+0.0657i	-0.1788+0.0181i	5.1353+2.6217i	-4.8380-2.4528i	0.0206+0.0065i	-0.0078+0.0046i	0.0260+0.0160i	-0.0008-0.0120i
17.4	0.2476+0.1593i	-0.3034-0.0746i	4.7606+2.3453i	-4.4715-2.1957i	0.0365+0.0190i	0.0097+0.0173i	0.0449+0.0306i	0.0203+0.0065i
17.5	0.2254+0.1097i	-0.2776-0.0309i	4.4755+2.2248i	-4.1998-2.0815i	0.0355+0.0141i	0.0091+0.0125i	0.0433+0.0242i	0.0197+0.0025i
17.6	0.2434+0.2005i	-0.2949-0.1123i	4.3021+2.1531i	-4.0369-2.0071i	0.0393+0.0230i	0.0132+0.0221i	0.0481+0.0349i	0.0252+0.0142i
17.7	0.3760+0.2295i	-0.4121-0.1312i	4.0595+2.0023i	-3.7940-1.8593i	0.0538+0.0236i	0.0291+0.0241i	0.0649+0.0357i	0.0445+0.0147i
17.8	0.3756+0.1304i	-0.3921-0.0357i	3.8897+1.9547i	-3.6213-1.8195i	0.0523+0.0115i	0.0284+0.0120i	0.0614+0.0211i	0.0430-0.0002i
17.9	0.4209+0.1140i	-0.4245-0.0243i	3.8575+1.9375i	-3.5792-1.8052i	0.0573+0.0083i	0.0335+0.0095i	0.0671+0.0184i	0.0497-0.0049i
18.0	0.3836+0.1521i	-0.3743-0.0732i	3.7947+1.8529i	-3.5114-1.7292i	0.0513+0.0126i	0.0285+0.0144i	0.0602+0.0237i	0.0434+0.0010i
18.1	0.3891+0.1045i	-0.3733-0.0381i	3.7564+1.6969i	-3.4666-1.5946i	0.0498+0.0068i	0.0283+0.0096i	0.0582+0.0166i	0.0410-0.0042i
18.2	0.4092+0.0480i	-0.3947+0.0043i	3.6681+1.5648i	-3.3802-1.4911i	0.0511+0.0008i	0.0303+0.0044i	0.0596+0.0103i	0.0418-0.0104i

18.3	0.3577-0.0036i	-0.3460+0.0433i	3.5668+1.4355i	-3.2914-1.3840i	0.0435-0.0041i	0.0241-0.0007i	0.0511+0.0049i	0.0323-0.0163i
18.4	0.3600-0.0220i	-0.3475+0.0475i	3.4566+1.3243i	-3.1907-1.2917i	0.0422-0.0047i	0.0238-0.0015i	0.0503+0.0042i	0.0296-0.0168i
18.5	0.3356-0.0770i	-0.3475+0.0826i	3.2932+1.2674i	-3.0635-1.2589i	0.0404-0.0063i	0.0222-0.0040i	0.0483+0.0035i	0.0268-0.0182i
18.6	0.2344-0.1156i	-0.2840+0.1354i	3.1846+1.2705i	-3.0035-1.2461i	0.0339-0.0088i	0.0157-0.0061i	0.0413+0.0027i	0.0203-0.0206i
18.7	0.1464-0.0412i	-0.1867+0.0992i	3.1418+1.2368i	-2.9564-1.1718i	0.0263-0.0059i	0.0091-0.0022i	0.0344+0.0064i	0.0119-0.0177i
18.8	0.1888-0.0098i	-0.2115+0.0774i	3.1821+1.1352i	-2.9710-1.0650i	0.0302-0.0058i	0.0130-0.0019i	0.0407+0.0058i	0.0155-0.0184i
18.9	0.1576+0.0048i	-0.1644+0.0611i	3.0892+0.9901i	-2.8759-0.9287i	0.0239-0.0043i	0.0078-0.0005i	0.0329+0.0075i	0.0079-0.0167i
19.0	0.1287+0.0223i	-0.1250+0.0448i	3.0010+0.8918i	-2.7889-0.8326i	0.0184-0.0024i	0.0034+0.0016i	0.0269+0.0097i	0.0018-0.0138i
19.1	0.1324+0.0381i	-0.1195+0.0194i	2.9016+0.8157i	-2.6868-0.7643i	0.0179+0.0001i	0.0033+0.0039i	0.0274+0.0127i	0.0004-0.0122i
19.2	0.1521+0.0344i	-0.1308+0.0190i	2.8317+0.7161i	-2.6121-0.6760i	0.0194-0.0004i	0.0051+0.0036i	0.0303+0.0121i	0.0012-0.0125i
19.3	0.1813+0.0382i	-0.1569+0.0107i	2.7683+0.6450i	-2.5454-0.6096i	0.0224+0.0003i	0.0084+0.0042i	0.0350+0.0131i	0.0040-0.0117i
19.4	0.1722+0.0360i	-0.1443+0.0017i	2.6445+0.6171i	-2.4239-0.5879i	0.0209+0.0007i	0.0075+0.0042i	0.0337+0.0131i	0.0014-0.0104i
19.5	0.1753+0.0163i	-0.1447+0.0100i	2.5500+0.5781i	-2.3343-0.5671i	0.0203-0.0010i	0.0074+0.0025i	0.0350+0.0106i	-0.0013-0.0124i
19.6	0.1781+0.0145i	-0.1468+0.0038i	2.4984+0.5451i	-2.2855-0.5464i	0.0198-0.0007i	0.0074+0.0026i	0.0359+0.0107i	-0.0034-0.0114i
19.7	0.1596+0.0043i	-0.1325+0.0032i	2.4134+0.5136i	-2.2086-0.5296i	0.0175-0.0008i	0.0052+0.0021i	0.0345+0.0103i	-0.0082-0.0110i
19.8	0.1416+0.0004i	-0.1246-0.0023i	2.3324+0.5010i	-2.1452-0.5250i	0.0159+0.0002i	0.0037+0.0028i	0.0330+0.0102i	-0.0105-0.0086i
19.9	0.1337-0.0022i	-0.1258-0.0014i	2.2884+0.4682i	-2.1136-0.4946i	0.0156+0.0004i	0.0032+0.0028i	0.0340+0.0093i	-0.0124-0.0075i
20.0	0.1346-0.0166i	-0.1362+0.0223i	2.2518+0.3784i	-2.0866-0.4036i	0.0161-0.0022i	0.0037+0.0008i	0.0369+0.0045i	-0.0137-0.0085i
20.1	0.1396-0.0018i	-0.1400+0.0136i	2.1815+0.3509i	-2.0187-0.3689i	0.0165-0.0006i	0.0042+0.0020i	0.0385+0.0055i	-0.0145-0.0055i
20.2	0.1117+0.0027i	-0.1158+0.0121i	2.0898+0.3327i	-1.9348-0.3491i	0.0130+0.0001i	0.0009+0.0030i	0.0343+0.0056i	-0.0197-0.0032i
20.3	0.1140+0.0055i	-0.1177+0.0119i	2.0301+0.3185i	-1.8745-0.3348i	0.0133+0.0011i	0.0011+0.0041i	0.0356+0.0052i	-0.0200-0.0001i
20.4	0.1139-0.0043i	-0.1119+0.0229i	1.9742+0.2701i	-1.8197-0.2907i	0.0131-0.0000i	0.0013+0.0039i	0.0356+0.0019i	-0.0207+0.0011i
20.5	0.1116-0.0067i	-0.1087+0.0217i	1.9254+0.2493i	-1.7746-0.2771i	0.0133+0.0006i	0.0013+0.0043i	0.0372+0.0005i	-0.0218+0.0037i
20.6	0.1083-0.0088i	-0.1093+0.0234i	1.8801+0.2363i	-1.7338-0.2676i	0.0136+0.0008i	0.0016+0.0043i	0.0384-0.0015i	-0.0223+0.0060i
20.7	0.1034+0.0065i	-0.1063+0.0054i	1.8310+0.2481i	-1.6904-0.2776i	0.0137+0.0025i	0.0016+0.0059i	0.0396-0.0012i	-0.0238+0.0110i
20.8	0.1107+0.0024i	-0.1092+0.0140i	1.7927+0.2377i	-1.6501-0.2686i	0.0146+0.0013i	0.0027+0.0054i	0.0409-0.0050i	-0.0229+0.0129i
20.9	0.1044-0.0115i	-0.1015+0.0266i	1.7444+0.1977i	-1.6046-0.2356i	0.0138-0.0005i	0.0019+0.0041i	0.0390-0.0107i	-0.0230+0.0150i
21.0	0.1107-0.0128i	-0.1062+0.0268i	1.7027+0.1667i	-1.5675-0.2096i	0.0146-0.0010i	0.0026+0.0041i	0.0399-0.0138i	-0.0230+0.0181i
21.1	0.1179-0.0044i	-0.1186+0.0163i	1.6764+0.1597i	-1.5497-0.2022i	0.0158+0.0000i	0.0039+0.0058i	0.0420-0.0167i	-0.0222+0.0252i
21.2	0.0915+0.0029i	-0.0977+0.0120i	1.6123+0.1734i	-1.4974-0.2156i	0.0126+0.0006i	0.0014+0.0065i	0.0372-0.0194i	-0.0249+0.0302i
21.3	0.0770+0.0042i	-0.0774+0.0145i	1.5318+0.1646i	-1.4244-0.2048i	0.0103+0.0011i	-0.0002+0.0070i	0.0318-0.0220i	-0.0243+0.0337i
21.4	0.0700-0.0097i	-0.0689+0.0307i	1.4846+0.1218i	-1.3810-0.1662i	0.0095-0.0011i	-0.0003+0.0058i	0.0268-0.0281i	-0.0197+0.0363i
21.5	0.0641-0.0080i	-0.0646+0.0284i	1.4555+0.1252i	-1.3574-0.1686i	0.0090-0.0007i	-0.0006+0.0064i	0.0226-0.0306i	-0.0158+0.0405i
21.6	0.0759+0.0105i	-0.0706+0.0148i	1.4383+0.1327i	-1.3391-0.1657i	0.0105+0.0017i	0.0017+0.0083i	0.0172-0.0298i	-0.0044+0.0466i
21.7	0.0765+0.0238i	-0.0689-0.0037i	1.4008+0.1687i	-1.3067-0.1939i	0.0109+0.0037i	0.0025+0.0101i	0.0132-0.0279i	0.0009+0.0504i
21.8	0.0775+0.0034i	-0.0653+0.0119i	1.3499+0.1308i	-1.2548-0.1627i	0.0112+0.0009i	0.0033+0.0074i	0.0059-0.0289i	0.0104+0.0446i
21.9	0.0659-0.0008i	-0.0505+0.0151i	1.3014+0.1121i	-1.2095-0.1439i	0.0096+0.0001i	0.0025+0.0061i	-0.0002-0.0242i	0.0145+0.0369i
22.0	0.0618+0.0030i	-0.0512+0.0111i	1.2806+0.0983i	-1.1954-0.1318i	0.0094+0.0002i	0.0032+0.0059i	-0.0045-0.0198i	0.0197+0.0311i
22.1	0.0665+0.0126i	-0.0574+0.0008i	1.2623+0.1077i	-1.1801-0.1353i	0.0100+0.0014i	0.0041+0.0065i	-0.0037-0.0157i	0.0215+0.0286i
22.2	0.0693+0.0081i	-0.0593+0.0063i	1.2272+0.1030i	-1.1427-0.1264i	0.0104+0.0003i	0.0039+0.0052i	-0.0034-0.0120i	0.0216+0.0213i
22.3	0.0680+0.0085i	-0.0593+0.0052i	1.2118+0.1046i	-1.1272-0.1284i	0.0102+0.0003i	0.0034+0.0048i	-0.0043-0.0109i	0.0214+0.0202i
22.4	0.0745+0.0105i	-0.0694+0.0032i	1.2160+0.1127i	-1.1310-0.1365i	0.0114+0.0002i	0.0043+0.0054i	-0.0026-0.0092i	0.0225+0.0179i
22.5	0.0753+0.0113i	-0.0697+0.0051i	1.1770+0.0993i	-1.0909-0.1228i	0.0114+0.0001i	0.0046+0.0053i	-0.0012-0.0067i	0.0205+0.0146i
22.6	0.0729+0.0111i	-0.0665+0.0095i	1.1460+0.0867i	-1.0599-0.1065i	0.0110-0.0006i	0.0043+0.0046i	-0.0008-0.0056i	0.0186+0.0115i
22.7	0.0684+0.0063i	-0.0617+0.0131i	1.1311+0.0879i	-1.0479-0.1111i	0.0107-0.0015i	0.0039+0.0039i	-0.0003-0.0059i	0.0172+0.0101i
22.8	0.0709+0.0046i	-0.0598+0.0151i	1.1026+0.0659i	-1.0171-0.0885i	0.0104-0.0017i	0.0039+0.0036i	0.0006-0.0046i	0.0171+0.0086i
22.9	0.0696+0.0112i	-0.0567+0.0050i	1.0710+0.0780i	-0.9866-0.1021i	0.0099-0.0009i	0.0038+0.0042i	0.0012-0.0033i	0.0154+0.0097i
23.0	0.0690+0.0060i	-0.0549+0.0103i	1.0335+0.0582i	-0.9500-0.0891i	0.0094-0.0019i	0.0037+0.0034i	0.0019-0.0040i	0.0143+0.0077i
23.1	0.0705+0.0028i	-0.0514+0.0171i	1.0224+0.0381i	-0.9374-0.0690i	0.0089-0.0029i	0.0039+0.0024i	0.0018-0.0038i	0.0139+0.0047i
23.2	0.0689+0.0052i	-0.0458+0.0112i	0.9875+0.0582i	-0.9032-0.0830i	0.0082-0.0026i	0.0035+0.0025i	0.0018-0.0023i	0.0123+0.0047i
23.3	0.0629+0.0072i	-0.0370+0.0086i	0.9444+0.0474i	-0.8680-0.0659i	0.0066-0.0020i	0.0025+0.0024i	0.0002-0.0014i	0.0103+0.0048i
23.4	0.0528+0.0035i	-0.0301+0.0083i	0.9217+0.0507i	-0.8563-0.0737i	0.0045-0.0019i	0.0013+0.0025i	-0.0013-0.0017i	0.0077+0.0043i
23.5	0.0614-0.0041i	-0.0396+0.0117i	0.9017+0.0533i	-0.8311-0.0793i	0.0053-0.0029i	0.0021+0.0017i	0.0001-0.0025i	0.0086+0.0020i
23.6	0.0721-0.0029i	-0.0476+0.0055i	0.8989+0.0649i	-0.8226-0.0880i	0.0065-0.0024i	0.0025+0.0023i	0.0019-0.0012i	0.0095+0.0018i
23.7	0.0702-0.0037i	-0.0429+0.0101i	0.8877+0.0486i	-0.8074-0.0643i	0.0062-0.0021i	0.0021+0.0012i	0.0015-0.0010i	0.0088+0.0012i
23.8	0.0735-0.0005i	-0.0451+0.0091i	0.8817+0.0498i	-0.8010-0.0656i	0.0062-0.0015i	0.0025+0.0018i	0.0021-0.0004i	0.0090+0.0017i
23.9	0.0661+0.0008i	-0.0402+0.0062i	0.8481+0.0653i	-0.7659-0.0844i	0.0058-0.0006i	0.0016+0.0025i	0.0025+0.0016i	0.0059+0.0021i
24.0	0.0630-0.0017i	-0.0400+0.0015i	0.8257+0.0897i	-0.7457-0.1081i	0.0055-0.0002i	0.0009+0.0031i	0.0031+0.0015i	0.0043+0.0036i
24.1	0.0548-0.0046i	-0.0291+0.0044i	0.8022+0.0689i	-0.7254-0.0871i	0.0047-0.0005i	-0.0003+0.0025i	0.0016+0.0012i	0.0026+0.0034i
24.2	0.0600-0.0094i	-0.0394+0.0049i	0.8166+0.0815i	-0.7387-0.1029i	0.0064-0.0009i	0.0011+0.0018i	0.0039-0.0006i	0.0040+0.0029i
24.3	0.0542-0.0033i	-0.0344-0.0011i	0.7869+0.0885i	-0.7069-0.1073i	0.0056+0.0004i	0.0003+0.0025i	0.0041+0.0005i	0.0021+0.0040i
24.4	0.0455-0.0025i	-0.0193+0.0002i	0.7446+0.0896i	-0.6720-0.1132i	0.0036+0.0005i	-0.0012+0.0025i	0.0027+0.0001i	-0.0001+0.0040i
24.5	0.0498-0.0193i	-0.0282+0.0170i	0.7463+0.0741i	-0.6766-0.1087i	0.0044-0.0020i	-0.0004+0.0010i	0.0038-0.0034i	0.0009+0.0020i

24.6	0.0616-0.0142i	-0.0421+0.0098i	0.7529+0.0748i	-0.6766-0.1038i	0.0069-0.0011i	0.0010+0.0017i	0.0063-0.0022i	0.0030+0.0022i
24.7	0.0650-0.0053i	-0.0452+0.0010i	0.7654+0.0740i	-0.6843-0.0971i	0.0078-0.0003i	0.0019+0.0028i	0.0071-0.0010i	0.0044+0.0038i
24.8	0.0558-0.0069i	-0.0300-0.0025i	0.7320+0.0745i	-0.6492-0.1019i	0.0059-0.0001i	0.0005+0.0026i	0.0057-0.0022i	0.0015+0.0054i
24.9	0.0523-0.0021i	-0.0206-0.0072i	0.6986+0.0776i	-0.6180-0.1080i	0.0050+0.0003i	-0.0004+0.0028i	0.0049-0.0014i	-0.0000+0.0055i
25.0	0.0537+0.0025i	-0.0268-0.0138i	0.7118+0.0886i	-0.6334-0.1145i	0.0054+0.0013i	-0.0004+0.0034i	0.0058-0.0005i	0.0007+0.0064i
25.1	0.0509-0.0029i	-0.0238+0.0009i	0.7065+0.0625i	-0.6262-0.0883i	0.0049-0.0003i	-0.0002+0.0027i	0.0038-0.0025i	0.0008+0.0056i
25.2	0.0505-0.0133i	-0.0212+0.0132i	0.6922+0.0289i	-0.6106-0.0582i	0.0046-0.0020i	-0.0004+0.0017i	0.0028-0.0045i	0.0013+0.0038i
25.3	0.0511-0.0079i	-0.0200-0.0054i	0.6543+0.0551i	-0.5714-0.0925i	0.0046-0.0003i	-0.0006+0.0024i	0.0033-0.0022i	0.0006+0.0048i
25.4	0.0477-0.0106i	-0.0190-0.0035i	0.6412+0.0606i	-0.5678-0.1033i	0.0043-0.0013i	-0.0008+0.0023i	0.0030-0.0033i	-0.0008+0.0045i
25.5	0.0498-0.0208i	-0.0271+0.0095i	0.6532+0.0581i	-0.5863-0.0944i	0.0049-0.0025i	0.0002+0.0016i	0.0039-0.0056i	-0.0004+0.0038i
25.6	0.0412-0.0324i	-0.0114+0.0095i	0.5908+0.0771i	-0.5177-0.1296i	0.0031-0.0035i	-0.0012+0.0005i	0.0022-0.0078i	-0.0028+0.0024i
25.7	0.0507-0.0199i	-0.0213+0.0002i	0.6004+0.0862i	-0.5260-0.1273i	0.0046-0.0021i	-0.0005+0.0017i	0.0041-0.0056i	-0.0007+0.0041i
25.8	0.0445-0.0126i	-0.0169-0.0041i	0.6004+0.0864i	-0.5278-0.1269i	0.0040-0.0013i	-0.0011+0.0023i	0.0028-0.0052i	-0.0002+0.0065i
25.9	0.0505-0.0154i	-0.0112+0.0039i	0.5740+0.0660i	-0.4899-0.1043i	0.0043-0.0024i	-0.0009+0.0013i	0.0029-0.0055i	-0.0010+0.0040i
26.0	0.0538-0.0262i	-0.0162+0.0252i	0.6020+0.0332i	-0.5147-0.0618i	0.0051-0.0051i	-0.0003-0.0003i	0.0024-0.0081i	-0.0005+0.0012i
26.1	0.0413-0.0294i	-0.0044+0.0118i	0.5779+0.0649i	-0.4965-0.1048i	0.0033-0.0047i	-0.0023+0.0001i	0.0007-0.0082i	-0.0038+0.0015i
26.2	0.0361-0.0309i	0.0028+0.0028i	0.5484+0.0812i	-0.4711-0.1339i	0.0019-0.0041i	-0.0030+0.0008i	0.0001-0.0077i	-0.0061+0.0025i
26.3	0.0383-0.0166i	0.0067-0.0001i	0.5483+0.0494i	-0.4665-0.0906i	0.0018-0.0021i	-0.0024+0.0021i	-0.0001-0.0048i	-0.0054+0.0060i
26.4	0.0368-0.0149i	0.0118-0.0009i	0.5490+0.0343i	-0.4668-0.0720i	0.0011-0.0011i	-0.0025+0.0024i	-0.0010-0.0046i	-0.0043+0.0075i
26.5	0.0286-0.0300i	0.0132+0.0046i	0.5598+0.0357i	-0.4818-0.0940i	0.0005-0.0029i	-0.0031+0.0019i	-0.0025-0.0074i	-0.0047+0.0065i
26.6	0.0367-0.0261i	0.0044+0.0068i	0.5705+0.0356i	-0.4892-0.0874i	0.0023-0.0024i	-0.0017+0.0023i	-0.0003-0.0066i	-0.0029+0.0079i
26.7	0.0421-0.0260i	0.0084-0.0094i	0.5239+0.0689i	-0.4362-0.1332i	0.0026-0.0022i	-0.0017+0.0023i	0.0015-0.0062i	-0.0041+0.0071i
26.8	0.0295-0.0270i	0.0111-0.0207i	0.5240+0.0798i	-0.4464-0.1481i	0.0016-0.0016i	-0.0024+0.0027i	-0.0006-0.0071i	-0.0043+0.0083i
26.9	0.0281-0.0374i	0.0082-0.0196i	0.5379+0.0648i	-0.4590-0.1420i	0.0019-0.0033i	-0.0018+0.0015i	-0.0009-0.0103i	-0.0025+0.0081i
27.0	0.0281-0.0413i	0.0002-0.0164i	0.5689+0.0429i	-0.4940-0.1246i	0.0028-0.0046i	-0.0012+0.0007i	-0.0016-0.0126i	-0.0001+0.0079i
27.1	0.0202-0.0394i	0.0035-0.0117i	0.5543-0.0040i	-0.4890-0.0777i	0.0013-0.0051i	-0.0020-0.0001i	-0.0050-0.0127i	-0.0007+0.0082i
27.2	0.0244-0.0468i	0.0033-0.0107i	0.5127-0.0302i	-0.4470-0.0641i	0.0012-0.0059i	-0.0017-0.0015i	-0.0047-0.0131i	-0.0006+0.0066i
27.3	0.0342-0.0446i	-0.0079-0.0148i	0.4822-0.0196i	-0.4191-0.0751i	0.0020-0.0058i	-0.0021-0.0014i	-0.0041-0.0130i	0.0009+0.0064i
27.4	0.0390-0.0632i	-0.0188-0.0141i	0.4744+0.0019i	-0.4153-0.1191i	0.0028-0.0082i	-0.0020-0.0025i	-0.0049-0.0177i	0.0021+0.0051i
27.5	0.0364-0.0683i	-0.0189-0.0088i	0.4735-0.0102i	-0.4195-0.1138i	0.0029-0.0092i	-0.0022-0.0029i	-0.0055-0.0190i	0.0024+0.0044i
27.6	0.0187-0.0683i	-0.0159-0.0098i	0.4594-0.0012i	-0.4198-0.1235i	0.0009-0.0092i	-0.0027-0.0025i	-0.0098-0.0189i	0.0016+0.0042i
27.7	0.0132-0.0860i	-0.0169+0.0029i	0.4459-0.0117i	-0.4171-0.1270i	0.0001-0.0117i	-0.0033-0.0039i	-0.0126-0.0211i	0.0028+0.0005i
27.8	0.0090-0.0843i	-0.0155+0.0038i	0.4099-0.0044i	-0.3857-0.1247i	-0.0008-0.0114i	-0.0044-0.0044i	-0.0134-0.0189i	0.0030-0.0018i
27.9	-0.0052-0.0745i	-0.0136+0.0044i	0.3988+0.0003i	-0.3936-0.1169i	-0.0031-0.0102i	-0.0054-0.0035i	-0.0162-0.0167i	0.0018-0.0007i
28.0	-0.0046-0.0808i	-0.0167+0.0101i	0.4000+0.0172i	-0.3973-0.1391i	-0.0026-0.0112i	-0.0051-0.0036i	-0.0179-0.0182i	0.0043-0.0015i
28.1	-0.0182-0.0840i	-0.0053+0.0129i	0.3778+0.0104i	-0.3849-0.1338i	-0.0046-0.0125i	-0.0063-0.0048i	-0.0200-0.0175i	0.0012-0.0059i
28.2	-0.0397-0.0672i	0.0057+0.0138i	0.3627-0.0063i	-0.3933-0.0884i	-0.0083-0.0100i	-0.0083-0.0038i	-0.0227-0.0114i	-0.0021-0.0070i
28.3	-0.0413-0.0650i	0.0129+0.0016i	0.3464+0.0226i	-0.3731-0.1215i	-0.0095-0.0085i	-0.0097-0.0031i	-0.0242-0.0100i	-0.0038-0.0061i
28.4	-0.0532-0.0653i	0.0123+0.0091i	0.3530+0.0158i	-0.3943-0.1045i	-0.0109-0.0104i	-0.0102-0.0036i	-0.0264-0.0085i	-0.0063-0.0098i
28.5	-0.0595-0.0593i	0.0185+0.0076i	0.3506+0.0173i	-0.3975-0.0989i	-0.0122-0.0098i	-0.0112-0.0032i	-0.0277-0.0070i	-0.0085-0.0090i
28.6	-0.0692-0.0526i	0.0220+0.0013i	0.3507+0.0326i	-0.4041-0.1202i	-0.0143-0.0092i	-0.0127-0.0028i	-0.0302-0.0069i	-0.0114-0.0088i
28.7	-0.0593-0.0534i	0.0168+0.0003i	0.3387+0.0321i	-0.3782-0.1128i	-0.0132-0.0082i	-0.0121-0.0025i	-0.0272-0.0049i	-0.0115-0.0099i
28.8	-0.0613-0.0477i	0.0159-0.0025i	0.3302+0.0404i	-0.3683-0.1141i	-0.0132-0.0068i	-0.0128-0.0016i	-0.0259-0.0021i	-0.0134-0.0080i
28.9	-0.0769-0.0385i	0.0239-0.0041i	0.3259+0.0294i	-0.3744-0.0976i	-0.0161-0.0056i	-0.0149-0.0007i	-0.0281-0.0003i	-0.0181-0.0071i
29.0	-0.0854-0.0258i	0.0273-0.0088i	0.3216+0.0235i	-0.3839-0.0824i	-0.0181-0.0037i	-0.0166+0.0003i	-0.0301+0.0023i	-0.0215-0.0054i
29.1	-0.0846-0.0378i	0.0276-0.0051i	0.3205+0.0354i	-0.3748-0.1077i	-0.0181-0.0054i	-0.0164-0.0011i	-0.0300-0.0006i	-0.0220-0.0067i
29.2	-0.0944-0.0366i	0.0300-0.0095i	0.3191+0.0455i	-0.3796-0.1206i	-0.0193-0.0055i	-0.0173-0.0015i	-0.0322-0.0015i	-0.0245-0.0063i
29.3	-0.1001-0.0228i	0.0273-0.0220i	0.3208+0.0540i	-0.3934-0.1178i	-0.0201-0.0020i	-0.0180+0.0020i	-0.0332+0.0038i	-0.0255-0.0014i
29.4	-0.1036-0.0271i	0.0275-0.0204i	0.3263+0.0514i	-0.4027-0.1116i	-0.0209-0.0021i	-0.0183+0.0021i	-0.0336+0.0044i	-0.0256-0.0013i
29.5	-0.1064-0.0347i	0.0279-0.0156i	0.3266+0.0466i	-0.4024-0.1089i	-0.0212-0.0039i	-0.0186-0.0001i	-0.0337+0.0012i	-0.0268-0.0042i
29.6	-0.0977-0.0021i	0.0289-0.0299i	0.3060+0.0505i	-0.3719-0.0905i	-0.0201+0.0012i	-0.0183+0.0045i	-0.0318+0.0078i	-0.0271+0.0035i
29.7	-0.0919+0.0140i	0.0290-0.0351i	0.3072+0.0428i	-0.3700-0.0646i	-0.0193+0.0038i	-0.0172+0.0065i	-0.0297+0.0101i	-0.0259+0.0069i
29.8	-0.1043+0.0131i	0.0263-0.0345i	0.3106+0.0440i	-0.3886-0.0720i	-0.0215+0.0049i	-0.0194+0.0072i	-0.0335+0.0113i	-0.0276+0.0078i
29.9	-0.0993+0.0167i	0.0145-0.0430i	0.3221+0.0398i	-0.4023-0.0676i	-0.0205+0.0067i	-0.0193+0.0083i	-0.0333+0.0145i	-0.0265+0.0111i
30.0	-0.0900+0.0206i	0.0132-0.0438i	0.3075+0.0421i	-0.3782-0.0677i	-0.0194+0.0073i	-0.0179+0.0087i	-0.0312+0.0142i	-0.0260+0.0123i
30.1	-0.0901+0.0169i	0.0229-0.0388i	0.2817+0.0366i	-0.3437-0.0618i	-0.0197+0.0058i	-0.0180+0.0071i	-0.0308+0.0108i	-0.0276+0.0104i
30.2	-0.0859+0.0242i	0.0187-0.0443i	0.2830+0.0602i	-0.3450-0.0823i	-0.0188+0.0067i	-0.0175+0.0086i	-0.0291+0.0125i	-0.0254+0.0125i
30.3	-0.0734+0.0222i	0.0124-0.0426i	0.2798+0.0552i	-0.3324-0.0704i	-0.0164+0.0075i	-0.0160+0.0089i	-0.0263+0.0135i	-0.0231+0.0127i
30.4	-0.0722+0.0258i	0.0122-0.0388i	0.2552+0.0350i	-0.3046-0.0445i	-0.0160+0.0082i	-0.0157+0.0096i	-0.0250+0.0163i	-0.0241+0.0121i
30.5	-0.0764+0.0343i	0.0098-0.0412i	0.2688+0.0202i	-0.3203-0.0215i	-0.0165+0.0086i	-0.0156+0.0098i	-0.0273+0.0176i	-0.0220+0.0118i
30.6	-0.0849+0.0334i	0.0091-0.0506i	0.2747+0.0309i	-0.3325-0.0374i	-0.0193+0.0096i	-0.0185+0.0105i	-0.0324+0.0200i	-0.0255+0.0127i
30.7	-0.0840+0.0309i	0.0097-0.0482i	0.2693+0.0416i	-0.3286-0.0575i	-0.0191+0.0101i	-0.0188+0.0114i	-0.0332+0.0191i	-0.0254+0.0146i
30.8	-0.0691+0.0383i	0.0114-0.0395i	0.2435+0.0247i	-0.2878-0.0354i	-0.0169+0.0109i	-0.0169+0.0117i	-0.0269+0.0210i	-0.0246+0.0153i

30.9	-0.0645+0.0373i	0.0106-0.0404i	0.2493+0.0187i	-0.2886-0.0201i	-0.0169+0.0106i	-0.0170+0.0114i	-0.0282+0.0216i	-0.0245+0.0135i
31.0	-0.0646+0.0415i	0.0067-0.0448i	0.2454+0.0339i	-0.2878-0.0304i	-0.0170+0.0114i	-0.0173+0.0127i	-0.0287+0.0237i	-0.0245+0.0154i
31.1	-0.0657+0.0442i	0.0110-0.0504i	0.2357+0.0466i	-0.2743-0.0469i	-0.0166+0.0122i	-0.0175+0.0127i	-0.0281+0.0228i	-0.0229+0.0168i
31.2	-0.0528+0.0494i	0.0030-0.0462i	0.2359+0.0255i	-0.2705-0.0183i	-0.0146+0.0139i	-0.0148+0.0141i	-0.0235+0.0259i	-0.0202+0.0170i
31.3	-0.0547+0.0429i	0.0054-0.0393i	0.2113+0.0149i	-0.2434-0.0158i	-0.0141+0.0124i	-0.0146+0.0133i	-0.0212+0.0226i	-0.0213+0.0160i
31.4	-0.0679+0.0393i	0.0063-0.0466i	0.2185+0.0215i	-0.2613-0.0349i	-0.0158+0.0129i	-0.0167+0.0137i	-0.0255+0.0234i	-0.0233+0.0169i
31.5	-0.0648+0.0495i	0.0012-0.0494i	0.2293+0.0091i	-0.2721-0.0184i	-0.0147+0.0148i	-0.0159+0.0160i	-0.0248+0.0292i	-0.0232+0.0190i
31.6	-0.0615+0.0448i	-0.0002-0.0371i	0.2020+0.0142i	-0.2411-0.0150i	-0.0131+0.0123i	-0.0138+0.0136i	-0.0212+0.0232i	-0.0208+0.0190i
31.7	-0.0559+0.0434i	0.0051-0.0399i	0.1884+0.0354i	-0.2198-0.0392i	-0.0137+0.0120i	-0.0146+0.0131i	-0.0219+0.0196i	-0.0219+0.0203i
31.8	-0.0555+0.0327i	0.0089-0.0326i	0.1858+0.0224i	-0.2169-0.0299i	-0.0147+0.0100i	-0.0153+0.0114i	-0.0224+0.0186i	-0.0234+0.0156i
31.9	-0.0512+0.0418i	0.0059-0.0346i	0.1764+0.0154i	-0.2052-0.0128i	-0.0144+0.0114i	-0.0153+0.0122i	-0.0202+0.0227i	-0.0246+0.0158i
32.0	-0.0413+0.0452i	0.0019-0.0350i	0.1666+0.0075i	-0.1927-0.0026i	-0.0126+0.0122i	-0.0128+0.0139i	-0.0140+0.0224i	-0.0245+0.0195i
32.1	-0.0606+0.0409i	0.0064-0.0343i	0.1479+0.0041i	-0.1839-0.0039i	-0.0164+0.0127i	-0.0164+0.0150i	-0.0190+0.0232i	-0.0299+0.0209i
32.2	-0.0587+0.0354i	0.0105-0.0385i	0.1596+0.0107i	-0.1908-0.0163i	-0.0172+0.0112i	-0.0178+0.0127i	-0.0251+0.0202i	-0.0280+0.0193i
32.3	-0.0593+0.0356i	0.0126-0.0385i	0.1530+0.0271i	-0.1815-0.0362i	-0.0175+0.0112i	-0.0183+0.0123i	-0.0249+0.0188i	-0.0284+0.0197i
32.4	-0.0630+0.0431i	0.0178-0.0390i	0.1278+0.0390i	-0.1540-0.0408i	-0.0179+0.0124i	-0.0190+0.0133i	-0.0237+0.0182i	-0.0314+0.0235i
32.5	-0.0672+0.0435i	0.0194-0.0391i	0.1184+0.0424i	-0.1458-0.0438i	-0.0186+0.0137i	-0.0196+0.0149i	-0.0233+0.0193i	-0.0335+0.0264i
32.6	-0.0698+0.0418i	0.0112-0.0386i	0.1237+0.0123i	-0.1640-0.0203i	-0.0193+0.0140i	-0.0202+0.0158i	-0.0236+0.0221i	-0.0351+0.0243i
32.7	-0.0811+0.0398i	0.0207-0.0337i	0.1046+0.0173i	-0.1419-0.0267i	-0.0228+0.0132i	-0.0236+0.0149i	-0.0288+0.0191i	-0.0403+0.0246i
32.8	-0.0862+0.0440i	0.0306-0.0300i	0.0862+0.0288i	-0.1226-0.0313i	-0.0258+0.0139i	-0.0265+0.0159i	-0.0354+0.0188i	-0.0417+0.0288i
32.9	-0.0806+0.0478i	0.0192-0.0310i	0.0859+0.0239i	-0.1277-0.0211i	-0.0234+0.0148i	-0.0237+0.0169i	-0.0318+0.0217i	-0.0390+0.0302i
33.0	-0.0772+0.0493i	0.0194-0.0383i	0.0965+0.0402i	-0.1306-0.0302i	-0.0220+0.0164i	-0.0223+0.0184i	-0.0328+0.0248i	-0.0350+0.0296i
33.1	-0.0782+0.0561i	0.0263-0.0484i	0.0935+0.0450i	-0.1264-0.0417i	-0.0225+0.0179i	-0.0239+0.0200i	-0.0359+0.0274i	-0.0358+0.0323i
33.2	-0.0728+0.0583i	0.0278-0.0463i	0.0810+0.0439i	-0.1063-0.0428i	-0.0230+0.0191i	-0.0239+0.0205i	-0.0364+0.0270i	-0.0352+0.0363i
33.3	-0.0730+0.0597i	0.0256-0.0424i	0.0786+0.0435i	-0.1043-0.0395i	-0.0231+0.0197i	-0.0242+0.0209i	-0.0382+0.0296i	-0.0335+0.0350i
33.4	-0.0748+0.0670i	0.0262-0.0487i	0.0731+0.0491i	-0.1012-0.0448i	-0.0237+0.0228i	-0.0248+0.0249i	-0.0381+0.0356i	-0.0352+0.0387i
33.5	-0.0726+0.0803i	0.0241-0.0592i	0.0645+0.0538i	-0.0981-0.0433i	-0.0231+0.0274i	-0.0242+0.0299i	-0.0371+0.0421i	-0.0333+0.0473i
33.6	-0.0649+0.0927i	0.0184-0.0628i	0.0509+0.0559i	-0.0817-0.0349i	-0.0211+0.0316i	-0.0214+0.0336i	-0.0298+0.0463i	-0.0328+0.0550i
33.7	-0.0604+0.0974i	0.0217-0.0628i	0.0377+0.0689i	-0.0599-0.0476i	-0.0191+0.0336i	-0.0195+0.0356i	-0.0279+0.0493i	-0.0298+0.0581i
33.8	-0.0586+0.1123i	0.0192-0.0754i	0.0336+0.0815i	-0.0564-0.0601i	-0.0174+0.0384i	-0.0173+0.0401i	-0.0245+0.0547i	-0.0286+0.0673i
33.9	-0.0538+0.1032i	0.0208-0.0755i	0.0421+0.0752i	-0.0654-0.0631i	-0.0169+0.0374i	-0.0169+0.0389i	-0.0234+0.0551i	-0.0269+0.0644i
34.0	-0.0505+0.1145i	0.0151-0.0764i	0.0412+0.0787i	-0.0709-0.0590i	-0.0173+0.0407i	-0.0177+0.0424i	-0.0191+0.0623i	-0.0296+0.0679i
34.1	-0.0543+0.1215i	0.0125-0.0776i	0.0239+0.0951i	-0.0575-0.0743i	-0.0164+0.0433i	-0.0165+0.0456i	-0.0202+0.0662i	-0.0257+0.0727i
34.2	-0.0487+0.1226i	0.0070-0.0795i	0.0211+0.1053i	-0.0553-0.0801i	-0.0142+0.0435i	-0.0137+0.0455i	-0.0184+0.0646i	-0.0212+0.0721i
34.3	-0.0443+0.1215i	0.0039-0.0783i	0.0311+0.1086i	-0.0617-0.0843i	-0.0122+0.0441i	-0.0118+0.0454i	-0.0157+0.0660i	-0.0181+0.0702i
34.4	-0.0294+0.1227i	-0.0053-0.0811i	0.0444+0.1125i	-0.0683-0.0884i	-0.0066+0.0433i	-0.0071+0.0451i	-0.0103+0.0646i	-0.0076+0.0701i
34.5	-0.0153+0.1283i	-0.0144-0.0866i	0.0618+0.1211i	-0.0762-0.0951i	-0.0028+0.0464i	-0.0035+0.0482i	-0.0041+0.0702i	-0.0015+0.0751i
34.6	-0.0041+0.1231i	-0.0130-0.0882i	0.0566+0.1217i	-0.0655-0.1014i	0.0013+0.0467i	0.0007+0.0483i	0.0010+0.0677i	0.0058+0.0784i
34.7	-0.0015+0.1153i	-0.0129-0.0760i	0.0492+0.1164i	-0.0543-0.0901i	0.0031+0.0442i	0.0030+0.0456i	0.0047+0.0607i	0.0087+0.0786i
34.8	-0.0008+0.1118i	-0.0158-0.0668i	0.0420+0.1129i	-0.0498-0.0728i	0.0050+0.0434i	0.0052+0.0441i	0.0084+0.0584i	0.0119+0.0755i
34.9	-0.0048+0.1156i	-0.0233-0.0763i	0.0460+0.1083i	-0.0665-0.0746i	0.0061+0.0438i	0.0068+0.0450i	0.0066+0.0634i	0.0177+0.0714i
35.0	0.0086+0.1141i	-0.0233-0.0768i	0.0459+0.1084i	-0.0547-0.0876i	0.0099+0.0443i	0.0104+0.0460i	0.0096+0.0637i	0.0243+0.0733i
35.1	0.0185+0.1083i	-0.0308-0.0805i	0.0522+0.0990i	-0.0603-0.0888i	0.0137+0.0457i	0.0137+0.0474i	0.0204+0.0667i	0.0256+0.0755i
35.2	0.0249+0.1044i	-0.0330-0.0745i	0.0483+0.0971i	-0.0618-0.0852i	0.0157+0.0428i	0.0158+0.0448i	0.0285+0.0639i	0.0242+0.0709i
35.3	0.0282+0.0980i	-0.0317-0.0718i	0.0422+0.0960i	-0.0480-0.0816i	0.0173+0.0393i	0.0170+0.0409i	0.0274+0.0576i	0.0283+0.0652i
35.4	0.0274+0.0865i	-0.0335-0.0715i	0.0364+0.0977i	-0.0341-0.0892i	0.0173+0.0380i	0.0177+0.0386i	0.0260+0.0544i	0.0307+0.0623i
35.5	0.0275+0.0769i	-0.0327-0.0641i	0.0306+0.0998i	-0.0337-0.0930i	0.0189+0.0351i	0.0191+0.0355i	0.0309+0.0492i	0.0303+0.0574i
35.6	0.0216+0.0780i	-0.0237-0.0604i	0.0129+0.0972i	-0.0229-0.0960i	0.0186+0.0327i	0.0186+0.0336i	0.0290+0.0469i	0.0322+0.0524i
35.7	0.0240+0.0723i	-0.0270-0.0546i	0.0146+0.0972i	-0.0248-0.0898i	0.0184+0.0286i	0.0191+0.0299i	0.0279+0.0441i	0.0335+0.0430i
35.8	0.0217+0.0640i	-0.0275-0.0516i	0.0024+0.0930i	-0.0170-0.0897i	0.0198+0.0273i	0.0198+0.0281i	0.0301+0.0364i	0.0342+0.0453i
35.9	0.0188+0.0643i	-0.0301-0.0552i	-0.0056+0.0889i	-0.0066-0.0869i	0.0192+0.0281i	0.0192+0.0294i	0.0327+0.0373i	0.0302+0.0507i
36.0	0.0162+0.0589i	-0.0294-0.0536i	-0.0077+0.0839i	-0.0006-0.0826i	0.0178+0.0271i	0.0186+0.0287i	0.0343+0.0353i	0.0260+0.0509i
36.1	0.0172+0.0589i	-0.0270-0.0514i	-0.0121+0.1070i	0.0052-0.1075i	0.0184+0.0250i	0.0192+0.0259i	0.0305+0.0323i	0.0313+0.0451i
36.2	0.0124+0.0578i	-0.0263-0.0498i	-0.0263+0.1162i	0.0147-0.1164i	0.0191+0.0241i	0.0189+0.0249i	0.0279+0.0305i	0.0331+0.0457i
36.3	0.0153+0.0558i	-0.0334-0.0507i	-0.0414+0.1213i	0.0199-0.1143i	0.0212+0.0262i	0.0216+0.0266i	0.0327+0.0281i	0.0382+0.0515i
36.4	0.0185+0.0501i	-0.0313-0.0416i	-0.0396+0.1251i	0.0190-0.1132i	0.0227+0.0241i	0.0233+0.0239i	0.0345+0.0187i	0.0400+0.0537i
36.5	0.0179+0.0514i	-0.0351-0.0410i	-0.0441+0.1449i	0.0183-0.1343i	0.0248+0.0221i	0.0248+0.0212i	0.0322+0.0162i	0.0482+0.0481i
36.6	0.0156+0.0574i	-0.0415-0.0437i	-0.0463+0.1654i	0.0113-0.1448i	0.0266+0.0220i	0.0268+0.0210i	0.0327+0.0132i	0.0529+0.0500i
36.7	0.0109+0.0600i	-0.0389-0.0470i	-0.0397+0.1720i	0.0021-0.1521i	0.0266+0.0212i	0.0268+0.0210i	0.0307+0.0125i	0.0555+0.0504i
36.8	0.0082+0.0569i	-0.0377-0.0440i	-0.0361+0.1862i	0.0043-0.1617i	0.0285+0.0178i	0.0279+0.0176i	0.0280+0.0029i	0.0623+0.0484i
36.9	0.0063+0.0603i	-0.0376-0.0362i	-0.0344+0.2037i	0.0024-0.1691i	0.0297+0.0134i	0.0286+0.0125i	0.0175-0.0081i	0.0750+0.0442i
37.0	0.0063+0.0619i	-0.0313-0.0373i	-0.0260+0.1978i	-0.0025-0.1648i	0.0262+0.0142i	0.0258+0.0128i	0.0172+0.0008i	0.0659+0.0360i
37.1	0.0110+0.0561i	-0.0240-0.0349i	-0.0070+0.1992i	-0.0099-0.1663i	0.0228+0.0127i	0.0224+0.0121i	0.0164+0.0068i	0.0572+0.0264i

37.2	0.0168+0.0583i	-0.0287-0.0348i	0.0014+0.1913i	-0.0159-0.1562i	0.0242+0.0111i	0.0233+0.0111i	0.0115+0.0048i	0.0635+0.0241i
37.3	0.0194+0.0619i	-0.0346-0.0342i	0.0052+0.1853i	-0.0147-0.1458i	0.0231+0.0089i	0.0217+0.0090i	0.0086+0.0054i	0.0618+0.0178i
37.4	0.0171+0.0634i	-0.0270-0.0321i	0.0088+0.1758i	-0.0057-0.1446i	0.0205+0.0090i	0.0198+0.0092i	0.0016+0.0027i	0.0619+0.0212i
37.5	0.0117+0.0594i	-0.0243-0.0324i	0.0065+0.1865i	-0.0013-0.1447i	0.0221+0.0075i	0.0203+0.0072i	-0.0044+0.0040i	0.0714+0.0143i
37.6	0.0164+0.0544i	-0.0254-0.0344i	0.0069+0.1836i	0.0006-0.1459i	0.0208+0.0057i	0.0194+0.0053i	0.0012+0.0078i	0.0626+0.0042i
37.7	0.0153+0.0540i	-0.0200-0.0320i	0.0095+0.1888i	0.0047-0.1548i	0.0168+0.0040i	0.0153+0.0033i	-0.0073+0.0217i	0.0596-0.0164i
37.8	0.0127+0.0479i	-0.0157-0.0301i	0.0085+0.1940i	0.0099-0.1626i	0.0155+0.0038i	0.0133+0.0035i	-0.0011+0.0263i	0.0462-0.0222i
37.9	0.0111+0.0361i	-0.0146-0.0296i	0.0100+0.1958i	0.0097-0.1674i	0.0137+0.0052i	0.0115+0.0055i	0.0070+0.0132i	0.0332-0.0024i
38.0	0.0072+0.0353i	-0.0147-0.0344i	0.0043+0.1971i	0.0112-0.1761i	0.0146+0.0060i	0.0130+0.0064i	-0.0089+0.0049i	0.0536+0.0096i
38.1	-0.0001+0.0396i	-0.0088-0.0376i	0.0135+0.1974i	0.0011-0.1912i	0.0131+0.0057i	0.0111+0.0060i	-0.0095+0.0200i	0.0487-0.0062i
38.2	-0.0041+0.0463i	-0.0131-0.0345i	0.0276+0.2023i	-0.0179-0.1834i	0.0104+0.0069i	0.0077+0.0074i	0.0101+0.0312i	0.0196-0.0137i
38.3	-0.0029+0.0495i	-0.0140-0.0371i	0.0426+0.2007i	-0.0237-0.1858i	0.0091+0.0063i	0.0061+0.0088i	0.0164+0.0323i	0.0083-0.0138i
38.4	-0.0063+0.0567i	-0.0104-0.0408i	0.0432+0.1889i	-0.0275-0.1817i	0.0108+0.0073i	0.0080+0.0090i	0.0142+0.0259i	0.0151-0.0046i
38.5	-0.0080+0.0525i	-0.0119-0.0396i	0.0447+0.1801i	-0.0393-0.1767i	0.0093+0.0084i	0.0068+0.0095i	0.0175+0.0231i	0.0076-0.0005i
38.6	0.0013+0.0541i	-0.0159-0.0319i	0.0509+0.1716i	-0.0466-0.1634i	0.0081+0.0066i	0.0060+0.0079i	0.0118+0.0329i	0.0100-0.0166i
38.7	0.0017+0.0543i	-0.0166-0.0412i	0.0525+0.1672i	-0.0432-0.1578i	0.0075+0.0066i	0.0055+0.0079i	0.0022+0.0352i	0.0170-0.0172i
38.8	0.0046+0.0567i	-0.0111-0.0438i	0.0462+0.1564i	-0.0389-0.1437i	0.0076+0.0088i	0.0064+0.0098i	-0.0015+0.0164i	0.0237+0.0083i
38.9	0.0050+0.0540i	-0.0163-0.0393i	0.0410+0.1514i	-0.0365-0.1396i	0.0070+0.0077i	0.0058+0.0093i	0.0085+0.0247i	0.0128-0.0011i
39.0	0.0073+0.0599i	-0.0148-0.0465i	0.0322+0.1421i	-0.0326-0.1391i	0.0082+0.0100i	0.0076+0.0119i	-0.0047+0.0302i	0.0308+0.0007i
39.1	0.0023+0.0641i	-0.0099-0.0518i	0.0172+0.1338i	-0.0245-0.1408i	0.0084+0.0119i	0.0084+0.0139i	-0.0116+0.0273i	0.0391+0.0094i
39.2	0.0048+0.0620i	-0.0118-0.0431i	0.0208+0.1339i	-0.0251-0.1302i	0.0079+0.0112i	0.0070+0.0132i	0.0019+0.0283i	0.0209+0.0066i
39.3	0.0032+0.0642i	-0.0062-0.0460i	0.0145+0.1328i	-0.0190-0.1300i	0.0064+0.0113i	0.0057+0.0143i	0.0113+0.0253i	0.0061+0.0109i
39.4	0.0032+0.0586i	-0.0076-0.0466i	0.0046+0.1335i	-0.0054-0.1299i	0.0067+0.0114i	0.0064+0.0127i	0.0010+0.0266i	0.0203+0.0078i
39.5	0.0011+0.0605i	-0.0079-0.0505i	-0.0019+0.1311i	-0.0017-0.1256i	0.0080+0.0121i	0.0073+0.0131i	0.0049+0.0338i	0.0196+0.0031i
39.6	0.0008+0.0599i	-0.0111-0.0503i	-0.0055+0.1376i	0.0036-0.1274i	0.0088+0.0128i	0.0073+0.0142i	0.0054+0.0349i	0.0195+0.0039i
39.7	0.0086+0.0591i	-0.0177-0.0433i	-0.0116+0.1433i	0.0113-0.1258i	0.0099+0.0122i	0.0098+0.0132i	0.0040+0.0353i	0.0271+0.0009i
39.8	0.0103+0.0566i	-0.0070-0.0449i	-0.0108+0.1394i	0.0159-0.1236i	0.0085+0.0128i	0.0082+0.0137i	0.0037+0.0261i	0.0227+0.0106i
39.9	0.0115+0.0596i	-0.0038-0.0431i	-0.0132+0.1457i	0.0165-0.1297i	0.0087+0.0126i	0.0075+0.0130i	0.0018+0.0302i	0.0240+0.0064i
40.0	0.0085+0.0602i	-0.0024-0.0495i	-0.0243+0.1452i	0.0293-0.1306i	0.0089+0.0140i	0.0081+0.0146i	-0.0106+0.0250i	0.0375+0.0167i
40.1	0.0047+0.0543i	0.0011-0.0437i	-0.0301+0.1423i	0.0348-0.1231i	0.0071+0.0147i	0.0069+0.0148i	-0.0062+0.0200i	0.0280+0.0228i
40.2	0.0048+0.0530i	-0.0035-0.0468i	-0.0263+0.1464i	0.0296-0.1259i	0.0082+0.0140i	0.0077+0.0143i	-0.0030+0.0205i	0.0282+0.0199i
40.3	-0.0004+0.0619i	-0.0030-0.0457i	-0.0282+0.1501i	0.0346-0.1220i	0.0089+0.0148i	0.0088+0.0150i	-0.0046+0.0148i	0.0329+0.0254i
40.4	0.0102+0.0597i	-0.0070-0.0407i	-0.0239+0.1541i	0.0366-0.1279i	0.0097+0.0129i	0.0084+0.0117i	-0.0015+0.0235i	0.0303+0.0098i
40.5	0.0259+0.0568i	-0.0243-0.0439i	-0.0145+0.1549i	0.0365-0.1389i	0.0150+0.0089i	0.0124+0.0083i	0.0089+0.0484i	0.0344-0.0277i
40.6	0.0248+0.0569i	-0.0195-0.0358i	-0.0239+0.1586i	0.0467-0.1379i	0.0159+0.0088i	0.0133+0.0085i	0.0177+0.0476i	0.0280-0.0260i
40.7	0.0116+0.0578i	-0.0085-0.0392i	-0.0190+0.1622i	0.0460-0.1345i	0.0140+0.0110i	0.0117+0.0093i	0.0093+0.0472i	0.0309-0.0185i
40.8	0.0092+0.0498i	-0.0011-0.0352i	-0.0216+0.1608i	0.0517-0.1330i	0.0120+0.0078i	0.0094+0.0070i	0.0098+0.0312i	0.0237-0.0096i
40.9	0.0193+0.0437i	-0.0134-0.0472i	-0.0245+0.1555i	0.0592-0.1441i	0.0168+0.0102i	0.0133+0.0088i	0.0207+0.0524i	0.0255-0.0272i
41.0	0.0224+0.0495i	-0.0192-0.0431i	-0.0204+0.1566i	0.0565-0.1410i	0.0176+0.0096i	0.0140+0.0091i	0.0244+0.0568i	0.0258-0.0332i
41.1	0.0152+0.0463i	-0.0107-0.0383i	-0.0284+0.1583i	0.0607-0.1401i	0.0139+0.0070i	0.0105+0.0075i	0.0202+0.0390i	0.0194-0.0207i
41.2	0.0145+0.0474i	-0.0081-0.0515i	-0.0293+0.1595i	0.0628-0.1508i	0.0143+0.0090i	0.0106+0.0090i	0.0218+0.0490i	0.0182-0.0257i
41.3	0.0146+0.0506i	-0.0173-0.0536i	-0.0342+0.1559i	0.0621-0.1562i	0.0166+0.0111i	0.0133+0.0110i	0.0324+0.0551i	0.0174-0.0242i
41.4	0.0243+0.0563i	-0.0317-0.0517i	-0.0222+0.1504i	0.0503-0.1608i	0.0239+0.0079i	0.0199+0.0092i	0.0512+0.0666i	0.0194-0.0441i
41.5	0.0246+0.0587i	-0.0183-0.0523i	-0.0199+0.1476i	0.0630-0.1611i	0.0200+0.0053i	0.0163+0.0062i	0.0463+0.0622i	0.0124-0.0480i
41.6	0.0250+0.0522i	-0.0276-0.0551i	-0.0247+0.1395i	0.0615-0.1562i	0.0213+0.0044i	0.0163+0.0057i	0.0589+0.0522i	-0.0012-0.0424i
41.7	0.0216+0.0439i	-0.0254-0.0506i	-0.0289+0.1453i	0.0602-0.1627i	0.0180+0.0012i	0.0132+0.0030i	0.0568+0.0423i	-0.0099-0.0417i
41.8	0.0175+0.0462i	-0.0113-0.0488i	-0.0310+0.1544i	0.0766-0.1670i	0.0171+0.0003i	0.0125+0.0022i	0.0519+0.0374i	-0.0074-0.0382i
41.9	0.0149+0.0464i	-0.0045-0.0478i	-0.0302+0.1600i	0.0812-0.1767i	0.0136-0.0011i	0.0090+0.0001i	0.0510+0.0279i	-0.0150-0.0325i
42.0	0.0220+0.0428i	-0.0162-0.0539i	-0.0229+0.1526i	0.0600-0.1797i	0.0124-0.0018i	0.0077+0.0004i	0.0573+0.0227i	-0.0256-0.0300i
42.1	0.0235+0.0436i	-0.0262-0.0512i	-0.0285+0.1463i	0.0589-0.1771i	0.0148-0.0024i	0.0099+0.0003i	0.0638+0.0207i	-0.0251-0.0294i
42.2	0.0229+0.0472i	-0.0172-0.0536i	-0.0334+0.1475i	0.0573-0.1829i	0.0092-0.0018i	0.0038+0.0012i	0.0499+0.0168i	-0.0275-0.0214i
42.3	0.0232+0.0420i	-0.0297-0.0565i	-0.0346+0.1440i	0.0455-0.1771i	0.0102-0.0005i	0.0058+0.0030i	0.0558+0.0135i	-0.0298-0.0141i
42.4	0.0185+0.0400i	-0.0264-0.0575i	-0.0255+0.1375i	0.0464-0.1766i	0.0099-0.0025i	0.0058+0.0019i	0.0536+0.0119i	-0.0293-0.0148i
42.5	0.0153+0.0434i	-0.0125-0.0576i	-0.0119+0.1386i	0.0467-0.1791i	0.0039-0.0029i	0.0003+0.0015i	0.0380+0.0089i	-0.0314-0.0130i
42.6	0.0088+0.0387i	-0.0069-0.0540i	-0.0065+0.1348i	0.0472-0.1684i	0.0021-0.0033i	-0.0025+0.0009i	0.0298+0.0130i	-0.0281-0.0202i
42.7	0.0055+0.0425i	-0.0124-0.0554i	-0.0278+0.1152i	0.0645-0.1575i	0.0010+0.0036i	-0.0038+0.0077i	0.0317+0.0191i	-0.0338-0.0053i
42.8	0.0126+0.0480i	-0.0223-0.0647i	-0.0308+0.1084i	0.0572-0.1735i	0.0024+0.0049i	-0.0015+0.0097i	0.0420+0.0170i	-0.0388+0.0029i
42.9	-0.0005+0.0539i	-0.0135-0.0561i	-0.0350+0.1231i	0.0624-0.1843i	-0.0021+0.0009i	-0.0067+0.0061i	0.0358+0.0072i	-0.0464+0.0014i
43.0	0.0044+0.0541i	-0.0150-0.0523i	-0.0575+0.1246i	0.0559-0.1816i	-0.0009+0.0088i	-0.0044+0.0143i	0.0269+0.0061i	-0.0321+0.0272i
43.1	0.0044+0.0512i	-0.0195-0.0585i	-0.0606+0.1229i	0.0585-0.1763i	0.0043+0.0113i	0.0009+0.0166i	0.0277+0.0166i	-0.0167+0.0227i
43.2	0.0177+0.0473i	-0.0340-0.0655i	-0.0724+0.1099i	0.0714-0.1677i	0.0075+0.0093i	0.0051+0.0147i	0.0330+0.0131i	-0.0131+0.0177i
43.3	0.0236+0.0569i	-0.0423-0.0743i	-0.0802+0.0996i	0.0732-0.1584i	0.0137+0.0100i	0.0110+0.0158i	0.0426+0.0202i	-0.0035+0.0138i
43.4	0.0320+0.0531i	-0.0573-0.0693i	-0.1043+0.1003i	0.0725-0.1563i	0.0156+0.0069i	0.0140+0.0125i	0.0531+0.0119i	-0.0076+0.0112i

43.5	0.0138+0.0595i	-0.0409-0.0711i	-0.1004+0.1220i	0.0850-0.1895i	0.0106+0.0083i	0.0093+0.0131i	0.0464+0.0126i	-0.0165+0.0136i
43.6	0.0133+0.0522i	-0.0331-0.0673i	-0.0915+0.1480i	0.0861-0.2036i	0.0065+0.0075i	0.0049+0.0121i	0.0337+0.0070i	-0.0146+0.0168i
43.7	0.0187+0.0479i	-0.0431-0.0697i	-0.0941+0.1534i	0.0748-0.2054i	0.0110+0.0114i	0.0095+0.0155i	0.0380+0.0098i	-0.0056+0.0237i
43.8	0.0289+0.0452i	-0.0603-0.0542i	-0.0948+0.1531i	0.0595-0.1839i	0.0181+0.0102i	0.0169+0.0125i	0.0449+0.0089i	0.0092+0.0177i
43.9	0.0348+0.0510i	-0.0579-0.0595i	-0.0896+0.1264i	0.0615-0.1612i	0.0201+0.0074i	0.0180+0.0113i	0.0494+0.0132i	0.0069+0.0077i
44.0	0.0274+0.0397i	-0.0492-0.0554i	-0.1138+0.1232i	0.0862-0.1693i	0.0166+0.0035i	0.0142+0.0083i	0.0461+0.0082i	-0.0018+0.0038i
44.1	0.0210+0.0389i	-0.0386-0.0538i	-0.1250+0.1502i	0.1052-0.1927i	0.0087+0.0046i	0.0057+0.0096i	0.0334+0.0044i	-0.0123+0.0115i
44.2	0.0170+0.0404i	-0.0569-0.0523i	-0.1054+0.1719i	0.0754-0.2144i	0.0113+0.0058i	0.0084+0.0095i	0.0348+0.0044i	-0.0058+0.0120i
44.3	0.0131+0.0435i	-0.0523-0.0544i	-0.0878+0.1652i	0.0577-0.2043i	0.0114+0.0052i	0.0085+0.0092i	0.0339+0.0046i	-0.0043+0.0114i
44.4	0.0146+0.0457i	-0.0538-0.0632i	-0.0793+0.1523i	0.0467-0.1899i	0.0117+0.0082i	0.0084+0.0127i	0.0351+0.0085i	-0.0066+0.0166i
44.5	0.0078+0.0577i	-0.0659-0.0679i	-0.0872+0.1378i	0.0499-0.1885i	0.0159+0.0101i	0.0130+0.0151i	0.0431+0.0132i	0.0011+0.0191i
44.6	0.0059+0.0571i	-0.0649-0.0635i	-0.0829+0.1390i	0.0525-0.1957i	0.0153+0.0098i	0.0107+0.0145i	0.0382+0.0179i	-0.0006+0.0144i
44.7	0.0068+0.0575i	-0.0606-0.0610i	-0.0870+0.1180i	0.0486-0.1645i	0.0165+0.0089i	0.0122+0.0138i	0.0438+0.0194i	-0.0034+0.0116i
44.8	0.0021+0.0654i	-0.0606-0.0545i	-0.1163+0.1150i	0.0730-0.1529i	0.0205+0.0082i	0.0165+0.0139i	0.0560+0.0135i	0.0010+0.0138i
44.9	0.0041+0.0661i	-0.0501-0.0496i	-0.1384+0.1406i	0.1090-0.1673i	0.0168+0.0022i	0.0123+0.0084i	0.0478-0.0041i	-0.0027+0.0128i
45.0	0.0035+0.0708i	-0.0493-0.0657i	-0.1180+0.1734i	0.1055-0.2145i	0.0119+0.0019i	0.0072+0.0102i	0.0361-0.0048i	-0.0082+0.0170i
45.1	0.0101+0.0742i	-0.0503-0.0603i	-0.0970+0.1548i	0.0776-0.2158i	0.0155+0.0051i	0.0114+0.0152i	0.0365+0.0009i	0.0029+0.0242i
45.2	0.0162+0.0752i	-0.0678-0.0672i	-0.0944+0.1364i	0.0575-0.1993i	0.0184+0.0048i	0.0161+0.0150i	0.0350+0.0030i	0.0158+0.0229i
45.3	0.0242+0.0723i	-0.0767-0.0636i	-0.0945+0.1214i	0.0488-0.1801i	0.0174+0.0009i	0.0163+0.0113i	0.0309+0.0048i	0.0162+0.0081i
45.4	0.0302+0.0675i	-0.0742-0.0525i	-0.1112+0.0920i	0.0637-0.1330i	0.0165-0.0038i	0.0153+0.0061i	0.0358+0.0050i	0.0105-0.0069i
45.5	0.0300+0.0704i	-0.0697-0.0622i	-0.1669+0.0890i	0.1041-0.1226i	0.0175-0.0003i	0.0168+0.0095i	0.0459+0.0085i	0.0064+0.0007i
45.6	0.0390+0.0945i	-0.0713-0.0737i	-0.2185+0.1297i	0.1354-0.1628i	0.0201+0.0031i	0.0202+0.0128i	0.0553+0.0055i	0.0056+0.0113i
45.7	0.0593+0.1040i	-0.0897-0.0785i	-0.2243+0.1765i	0.1445-0.2036i	0.0239+0.0016i	0.0237+0.0112i	0.0584-0.0017i	0.0130+0.0127i
45.8	0.0602+0.0847i	-0.1030-0.0589i	-0.1938+0.1879i	0.1342-0.2160i	0.0249-0.0026i	0.0239+0.0070i	0.0563-0.0067i	0.0163+0.0077i
45.9	0.0412+0.0797i	-0.0969-0.0654i	-0.2053+0.2074i	0.1534-0.2548i	0.0213+0.0021i	0.0205+0.0114i	0.0534-0.0021i	0.0113+0.0187i
46.0	0.0428+0.0975i	-0.1027-0.0673i	-0.1792+0.2474i	0.1162-0.2972i	0.0229+0.0058i	0.0233+0.0168i	0.0522+0.0025i	0.0182+0.0264i
46.1	0.0497+0.0918i	-0.1106-0.0574i	-0.1463+0.2525i	0.0760-0.2959i	0.0290+0.0008i	0.0301+0.0128i	0.0603-0.0020i	0.0288+0.0177i
46.2	0.0667+0.0883i	-0.1238-0.0484i	-0.1167+0.2445i	0.0349-0.2582i	0.0293-0.0077i	0.0319+0.0053i	0.0633-0.0195i	0.0292+0.0072i
46.3	0.0776+0.0975i	-0.1203-0.0340i	-0.0755+0.2113i	-0.0056-0.2226i	0.0272-0.0098i	0.0315+0.0034i	0.0522-0.0287i	0.0345+0.0105i
46.4	0.0688+0.0751i	-0.1095-0.0221i	-0.0822+0.1699i	0.0195-0.1953i	0.0213-0.0102i	0.0248+0.0024i	0.0385-0.0216i	0.0289+0.0052i
46.5	0.0939+0.0908i	-0.1388-0.0404i	-0.1237+0.1560i	0.0342-0.1805i	0.0258-0.0105i	0.0303+0.0006i	0.0456-0.0206i	0.0372+0.0017i
46.6	0.0986+0.0911i	-0.1369-0.0224i	-0.1369+0.1639i	0.0415-0.1705i	0.0279-0.0128i	0.0338-0.0018i	0.0474-0.0237i	0.0398-0.0044i
46.7	0.1222+0.0648i	-0.1295-0.0034i	-0.1379+0.1626i	0.0670-0.1613i	0.0235-0.0174i	0.0299-0.0075i	0.0399-0.0254i	0.0334-0.0183i
46.8	0.1225+0.0669i	-0.1193-0.0046i	-0.1585+0.1449i	0.0946-0.1561i	0.0182-0.0163i	0.0252-0.0066i	0.0337-0.0203i	0.0258-0.0177i
46.9	0.1286+0.0727i	-0.1254-0.0110i	-0.1744+0.1540i	0.1045-0.1560i	0.0203-0.0135i	0.0285-0.0039i	0.0379-0.0151i	0.0283-0.0121i
47.0	0.1130+0.0655i	-0.1062-0.0106i	-0.1809+0.1770i	0.1165-0.1915i	0.0174-0.0110i	0.0258-0.0017i	0.0341-0.0065i	0.0243-0.0095i
47.1	0.0938+0.0874i	-0.1046-0.0321i	-0.1848+0.1955i	0.0937-0.2106i	0.0182-0.0073i	0.0270+0.0034i	0.0350-0.0013i	0.0242-0.0144i
47.2	0.1058+0.0599i	-0.1051-0.0161i	-0.1925+0.2070i	0.1003-0.2181i	0.0136-0.0113i	0.0231-0.0006i	0.0333-0.0087i	0.0160-0.0209i
47.3	0.1212+0.0429i	-0.1351+0.0070i	-0.2081+0.2267i	0.1077-0.2318i	0.0181-0.0139i	0.0274-0.0038i	0.0429-0.0108i	0.0209-0.0185i
47.4	0.1250+0.0231i	-0.1552+0.0198i	-0.1834+0.2598i	0.0903-0.2623i	0.0214-0.0182i	0.0318-0.0081i	0.0481-0.0211i	0.0273-0.0259i
47.5	0.1318+0.0137i	-0.1450+0.0237i	-0.1405+0.2488i	0.0562-0.2495i	0.0211-0.0212i	0.0319-0.0118i	0.0478-0.0251i	0.0294-0.0300i
47.6	0.1365+0.0030i	-0.1421+0.0451i	-0.1300+0.2306i	0.0379-0.2166i	0.0206-0.0242i	0.0314-0.0151i	0.0456-0.0279i	0.0277-0.0327i
47.7	0.1255+0.0187i	-0.1219+0.0267i	-0.1314+0.2135i	0.0347-0.2072i	0.0133-0.0207i	0.0258-0.0119i	0.0321-0.0253i	0.0201-0.0257i
47.8	0.1465-0.0123i	-0.1334+0.0496i	-0.1432+0.2242i	0.0401-0.2338i	0.0161-0.0212i	0.0285-0.0136i	0.0350-0.0239i	0.0230-0.0313i
47.9	0.1041-0.0447i	-0.1055+0.0843i	-0.1354+0.2176i	0.0378-0.2153i	0.0111-0.0263i	0.0217-0.0181i	0.0314-0.0271i	0.0136-0.0384i
48.0	0.1018-0.0373i	-0.1046+0.0722i	-0.1418+0.2285i	0.0284-0.2248i	0.0100-0.0281i	0.0214-0.0194i	0.0310-0.0336i	0.0143-0.0390i
48.1	0.0995-0.0649i	-0.0926+0.1015i	-0.0997+0.2139i	0.0119-0.1859i	0.0028-0.0335i	0.0147-0.0269i	0.0168-0.0386i	0.0127-0.0534i
48.2	0.1190-0.0310i	-0.1077+0.0725i	-0.1298+0.2076i	0.0317-0.1734i	0.0085-0.0259i	0.0214-0.0209i	0.0251-0.0231i	0.0197-0.0490i
48.3	0.1227-0.0373i	-0.1141+0.0807i	-0.1057+0.2163i	0.0040-0.1721i	0.0099-0.0292i	0.0234-0.0247i	0.0269-0.0249i	0.0195-0.0555i
48.4	0.1149-0.0495i	-0.1068+0.1034i	-0.0970+0.1714i	0.0120-0.1209i	0.0042-0.0317i	0.0171-0.0284i	0.0216-0.0235i	0.0064-0.0653i
48.5	0.0860-0.0560i	-0.0810+0.1005i	-0.1189+0.1425i	0.0346-0.1160i	-0.0002-0.0298i	0.0138-0.0260i	0.0217-0.0209i	-0.0044-0.0645i
48.6	0.0795-0.0602i	-0.0702+0.0991i	-0.1370+0.1264i	0.0481-0.0959i	-0.0019-0.0295i	0.0115-0.0269i	0.0217-0.0227i	-0.0098-0.0643i
48.7	0.0782-0.0416i	-0.0684+0.0789i	-0.1633+0.1189i	0.0798-0.0885i	-0.0037-0.0244i	0.0099-0.0217i	0.0193-0.0161i	-0.0106-0.0581i
48.8	0.0773-0.0818i	-0.0582+0.0940i	-0.1967+0.1438i	0.1193-0.1334i	-0.0057-0.0263i	0.0067-0.0229i	0.0233-0.0181i	-0.0219-0.0594i
48.9	0.0644-0.0746i	-0.0395+0.1016i	-0.1770+0.1696i	0.0957-0.1505i	-0.0056-0.0252i	0.0080-0.0218i	0.0223-0.0192i	-0.0194-0.0513i
49.0	0.0643-0.0441i	-0.0436+0.0783i	-0.1518+0.1712i	0.0595-0.1320i	-0.0028-0.0206i	0.0122-0.0180i	0.0197-0.0085i	-0.0079-0.0500i
49.1	0.0550-0.0437i	-0.0380+0.0965i	-0.1425+0.1472i	0.0422-0.0884i	-0.0027-0.0206i	0.0124-0.0209i	0.0226-0.0028i	-0.0124-0.0594i
49.2	0.0121-0.0566i	-0.0179+0.1009i	-0.1976+0.1050i	0.0858-0.0655i	-0.0131-0.0214i	0.0008-0.0219i	0.0155-0.0045i	-0.0401-0.0631i
49.3	0.0157-0.0522i	0.0008+0.0948i	-0.2227+0.1222i	0.1461-0.0857i	-0.0120-0.0200i	0.0015-0.0195i	0.0262-0.0032i	-0.0432-0.0596i
49.4	0.0490-0.0505i	0.0116+0.0941i	-0.2189+0.1603i	0.1763-0.1217i	-0.0062-0.0214i	0.0084-0.0219i	0.0454-0.0101i	-0.0343-0.0538i
49.5	0.0459-0.0213i	0.0137+0.0732i	-0.2096+0.1726i	0.1167-0.1209i	-0.0069-0.0179i	0.0100-0.0190i	0.0369-0.0094i	-0.0271-0.0457i
49.6	0.0533-0.0280i	0.0327+0.0737i	-0.1905+0.1507i	0.1476-0.0886i	-0.0063-0.0153i	0.0096-0.0161i	0.0408+0.0010i	-0.0233-0.0480i
49.7	0.0568-0.0313i	-0.0163+0.0448i	-0.2376+0.1321i	0.1579-0.0794i	-0.0018-0.0119i	0.0146-0.0151i	0.0555+0.0058i	-0.0285-0.0521i

49.8	-0.0168-0.0474i	-0.0475+0.0588i	-0.3406+0.1314i	0.1046-0.1474i	-0.0151-0.0196i	0.0037-0.0217i	0.0340-0.0149i	-0.0706-0.0588i
49.9	0.0052-0.0384i	0.0164+0.1068i	-0.2523+0.2001i	0.1414-0.0985i	-0.0130-0.0205i	0.0047-0.0238i	0.0421-0.0228i	-0.0570-0.0424i
50.0	-0.0429-0.0271i	0.0417+0.0584i	-0.2646+0.1083i	0.1389-0.0703i	-0.0275-0.0145i	-0.0113-0.0202i	0.0051-0.0151i	-0.0716-0.0444i
50.1	-0.0387-0.0421i	0.0382+0.0363i	-0.3207+0.1154i	0.1872-0.0954i	-0.0286-0.0158i	-0.0134-0.0189i	0.0117-0.0107i	-0.0810-0.0475i
50.2	0.0006-0.0434i	0.0315+0.0503i	-0.3249+0.1614i	0.2322-0.1282i	-0.0193-0.0180i	-0.0043-0.0213i	0.0369-0.0162i	-0.0706-0.0495i
50.3	-0.0101-0.0332i	0.0429+0.0448i	-0.3304+0.1988i	0.2371-0.1427i	-0.0206-0.0153i	-0.0044-0.0185i	0.0402-0.0171i	-0.0733-0.0420i
50.4	-0.0356-0.0562i	0.0834+0.0423i	-0.3322+0.1918i	0.1950-0.1783i	-0.0311-0.0216i	-0.0137-0.0253i	0.0252-0.0357i	-0.0899-0.0474i
50.5	-0.0395-0.0310i	0.0464+0.0539i	-0.3152+0.2082i	0.1826-0.1403i	-0.0270-0.0180i	-0.0098-0.0243i	0.0328-0.0325i	-0.0834-0.0389i
50.6	-0.0427-0.0433i	0.0603+0.0606i	-0.3274+0.2112i	0.1982-0.1276i	-0.0312-0.0216i	-0.0142-0.0279i	0.0284-0.0372i	-0.0966-0.0400i
50.7	-0.0455-0.0309i	0.0765+0.0443i	-0.3684+0.2360i	0.2300-0.1516i	-0.0327-0.0182i	-0.0153-0.0242i	0.0331-0.0356i	-0.1047-0.0293i
50.8	-0.0600-0.0177i	0.0785+0.0498i	-0.3500+0.2803i	0.1877-0.1825i	-0.0366-0.0176i	-0.0173-0.0261i	0.0268-0.0491i	-0.1104-0.0238i
50.9	-0.0016-0.0055i	0.0582+0.0272i	-0.2865+0.2717i	0.1775-0.1646i	-0.0237-0.0091i	-0.0064-0.0215i	0.0411-0.0387i	-0.0871-0.0164i
51.0	0.0141-0.0204i	0.0424+0.0545i	-0.2965+0.2526i	0.1959-0.1230i	-0.0211-0.0159i	-0.0045-0.0284i	0.0438-0.0486i	-0.0835-0.0232i
51.1	-0.0047-0.0354i	0.0236+0.0515i	-0.3264+0.2740i	0.2000-0.1533i	-0.0226-0.0223i	-0.0053-0.0331i	0.0437-0.0602i	-0.0892-0.0323i
51.2	-0.0355-0.0125i	0.0409+0.0393i	-0.2531+0.2850i	0.1291-0.1256i	-0.0347-0.0182i	-0.0172-0.0343i	0.0166-0.0709i	-0.1020-0.0209i
51.3	0.0172+0.0136i	0.0409-0.0015i	-0.2520+0.2023i	0.1762-0.0185i	-0.0257-0.0050i	-0.0138-0.0234i	0.0140-0.0417i	-0.0791-0.0056i
51.4	0.0390-0.0014i	0.0543-0.0204i	-0.3233+0.1622i	0.2774-0.0037i	-0.0206-0.0037i	-0.0108-0.0184i	0.0247-0.0237i	-0.0753-0.0057i
51.5	-0.0217-0.0104i	0.0663-0.0136i	-0.4239+0.1854i	0.3588-0.1016i	-0.0335-0.0056i	-0.0214-0.0171i	0.0200-0.0278i	-0.1040-0.0095i
51.6	-0.0664+0.0293i	0.0908-0.0335i	-0.4555+0.2720i	0.3481-0.1663i	-0.0475+0.0062i	-0.0313-0.0066i	0.0062-0.0199i	-0.1239+0.0134i
51.7	-0.0581+0.0639i	0.0877-0.0378i	-0.4445+0.3474i	0.3159-0.2052i	-0.0467+0.0132i	-0.0303-0.0026i	0.0082-0.0176i	-0.1228+0.0284i
51.8	-0.0200+0.0515i	0.0510-0.0323i	-0.4280+0.3894i	0.3007-0.2165i	-0.0331+0.0079i	-0.0183-0.0105i	0.0322-0.0318i	-0.1078+0.0209i
51.9	-0.0343+0.0475i	0.0591-0.0421i	-0.3964+0.3820i	0.2811-0.1960i	-0.0408+0.0112i	-0.0276-0.0084i	0.0145-0.0322i	-0.1167+0.0282i
52.0	-0.0604+0.0466i	0.0713-0.0349i	-0.3725+0.4040i	0.2752-0.1961i	-0.0498+0.0097i	-0.0374-0.0103i	-0.0021-0.0446i	-0.1283+0.0312i
52.1	-0.0555+0.0368i	0.0705-0.0071i	-0.3210+0.4221i	0.2511-0.2008i	-0.0512+0.0004i	-0.0423-0.0211i	-0.0115-0.0666i	-0.1328+0.0237i
52.2	-0.0346+0.0872i	0.0630-0.0611i	-0.2866+0.3976i	0.2558-0.1779i	-0.0466+0.0209i	-0.0417-0.0024i	-0.0133-0.0348i	-0.1209+0.0478i
52.3	-0.0510+0.0836i	0.0868-0.0651i	-0.3033+0.3606i	0.2914-0.1689i	-0.0586+0.0249i	-0.0544+0.0045i	-0.0342-0.0246i	-0.1371+0.0587i
52.4	-0.0593+0.0613i	0.0877-0.0445i	-0.3490+0.3644i	0.3219-0.1954i	-0.0629+0.0201i	-0.0578+0.0009i	-0.0389-0.0328i	-0.1474+0.0587i
52.5	-0.0239+0.0675i	0.0513-0.0506i	-0.3169+0.4345i	0.2870-0.2443i	-0.0491+0.0213i	-0.0434+0.0009i	-0.0188-0.0387i	-0.1272+0.0645i
52.6	0.0213+0.1161i	0.0273-0.1046i	-0.2497+0.4105i	0.2606-0.2169i	-0.0334+0.0427i	-0.0309+0.0220i	-0.0040-0.0021i	-0.0954+0.0922i
52.7	-0.0359+0.1227i	0.0776-0.1094i	-0.2598+0.3496i	0.2795-0.1655i	-0.0610+0.0521i	-0.0589+0.0333i	-0.0613+0.0202i	-0.1213+0.1055i
52.8	-0.0556+0.1174i	0.1000-0.0960i	-0.3346+0.3232i	0.3312-0.1794i	-0.0712+0.0518i	-0.0680+0.0347i	-0.0700+0.0270i	-0.1440+0.1016i
52.9	-0.0187+0.1275i	0.0541-0.1125i	-0.3789+0.3996i	0.3530-0.2434i	-0.0506+0.0571i	-0.0454+0.0380i	-0.0221+0.0277i	-0.1253+0.1131i
53.0	0.0338+0.1513i	-0.0012-0.1423i	-0.3489+0.4425i	0.3184-0.2681i	-0.0247+0.0682i	-0.0191+0.0482i	0.0181+0.0387i	-0.0841+0.1298i
53.1	0.0984+0.1133i	-0.0504-0.0941i	-0.3311+0.4401i	0.2920-0.2632i	0.0007+0.0468i	0.0050+0.0281i	0.0549+0.0025i	-0.0487+0.1004i
53.2	0.0681+0.1318i	-0.0170-0.1247i	-0.3266+0.4650i	0.3087-0.2662i	-0.0175+0.0644i	-0.0132+0.0433i	0.0252+0.0269i	-0.0704+0.1276i
53.3	0.0915+0.1560i	-0.0365-0.1616i	-0.3127+0.4516i	0.3116-0.2675i	-0.0025+0.0852i	0.0020+0.0638i	0.0476+0.0581i	-0.0458+0.1585i
53.4	0.0967+0.1306i	-0.0473-0.1252i	-0.2776+0.4457i	0.2934-0.2567i	0.0046+0.0729i	0.0057+0.0508i	0.0495+0.0338i	-0.0353+0.1430i
53.5	0.0715+0.1146i	-0.0261-0.1177i	-0.2902+0.3779i	0.3128-0.2011i	-0.0051+0.0729i	-0.0069+0.0506i	0.0245+0.0387i	-0.0439+0.1429i
53.6	0.0821+0.0920i	-0.0417-0.1023i	-0.3716+0.3902i	0.3768-0.2168i	0.0044+0.0625i	0.0040+0.0392i	0.0512+0.0260i	-0.0364+0.1197i
53.7	0.1114+0.1068i	-0.0694-0.1243i	-0.3823+0.4438i	0.3913-0.2643i	0.0225+0.0656i	0.0226+0.0422i	0.0877+0.0271i	-0.0132+0.1224i
53.8	0.1612+0.0871i	-0.1288-0.1024i	-0.3901+0.4922i	0.3821-0.3004i	0.0486+0.0477i	0.0492+0.0230i	0.1304-0.0112i	0.0192+0.0992i
53.9	0.1362+0.0519i	-0.1072-0.0687i	-0.3416+0.5487i	0.3540-0.3337i	0.0344+0.0314i	0.0311+0.0043i	0.0961-0.0511i	-0.0017+0.0871i
54.0	0.1329+0.0482i	-0.1066-0.0755i	-0.2453+0.5199i	0.3164-0.3055i	0.0289+0.0357i	0.0215+0.0106i	0.0728-0.0396i	-0.0030+0.0926i
54.1	0.1294+0.0661i	-0.1133-0.0980i	-0.3421+0.4700i	0.3903-0.2899i	0.0360+0.0481i	0.0294+0.0255i	0.0978-0.0130i	-0.0019+0.1112i
54.2	0.1484+0.1057i	-0.1416-0.1233i	-0.3838+0.5512i	0.4013-0.3637i	0.0556+0.0594i	0.0495+0.0340i	0.1334-0.0118i	0.0305+0.1345i
54.3	0.2046+0.0819i	-0.1898-0.0976i	-0.3252+0.6039i	0.3584-0.3993i	0.0802+0.0416i	0.0741+0.0157i	0.1622-0.0482i	0.0718+0.1128i
54.4	0.1733+0.0619i	-0.1425-0.0773i	-0.2660+0.6182i	0.3472-0.4068i	0.0556+0.0345i	0.0440+0.0118i	0.1074-0.0592i	0.0390+0.1124i
54.5	0.1508+0.0249i	-0.1336-0.0460i	-0.2336+0.5880i	0.3323-0.3954i	0.0469+0.0195i	0.0312-0.0010i	0.0822-0.0783i	0.0278+0.0866i
54.6	0.1454-0.0094i	-0.1314-0.0046i	-0.2628+0.5458i	0.3440-0.3749i	0.0436-0.0043i	0.0289-0.0229i	0.0816-0.1114i	0.0199+0.0498i
54.7	0.1518+0.0313i	-0.1392-0.0418i	-0.3341+0.5709i	0.3856-0.4259i	0.0503+0.0153i	0.0405-0.0011i	0.1071-0.0837i	0.0274+0.0875i
54.8	0.1181+0.0094i	-0.1142-0.0016i	-0.2967+0.6561i	0.3537-0.4833i	0.0281+0.0016i	0.0171-0.0148i	0.0602-0.1159i	-0.0039+0.0786i
54.9	0.1121-0.0085i	-0.1065+0.0269i	-0.2042+0.6950i	0.2782-0.5122i	0.0215-0.0133i	0.0080-0.0295i	0.0264-0.1450i	-0.0000+0.0631i
55.0	0.1219-0.0097i	-0.1157+0.0368i	-0.1552+0.6906i	0.2333-0.5052i	0.0297-0.0172i	0.0158-0.0333i	0.0283-0.1497i	0.0222+0.0545i
55.1	0.1085-0.0106i	-0.0934+0.0352i	-0.1212+0.6532i	0.2081-0.4848i	0.0169-0.0156i	0.0042-0.0301i	0.0019-0.1391i	0.0102+0.0524i
55.2	0.0811+0.0113i	-0.0527+0.0105i	-0.0895+0.6369i	0.1775-0.4726i	-0.0039+0.0026i	-0.0167-0.0117i	-0.0369-0.1068i	-0.0129+0.0824i
55.3	0.0803+0.0462i	-0.0492-0.0260i	-0.0792+0.6077i	0.1715-0.4320i	-0.0012+0.0286i	-0.0134+0.0131i	-0.0365-0.0607i	-0.0018+0.1169i
55.4	0.1082+0.0538i	-0.0653-0.0352i	-0.0651+0.5460i	0.1664-0.3775i	0.0069+0.0376i	-0.0025+0.0234i	-0.0261-0.0359i	0.0169+0.1204i
55.5	0.1161+0.0131i	-0.0799-0.0006i	-0.1126+0.5321i	0.2071-0.3596i	0.0118+0.0085i	0.0024-0.0057i	-0.0133-0.0753i	0.0169+0.0680i
55.6	0.1193+0.0046i	-0.0802+0.0007i	-0.1126+0.5825i	0.2205-0.3834i	0.0135-0.0003i	0.0033-0.0171i	-0.0079-0.0954i	0.0173+0.0574i
55.7	0.1042-0.0083i	-0.0490+0.0073i	-0.0323+0.5575i	0.1665-0.3715i	-0.0059-0.0001i	-0.0194-0.0174i	-0.0517-0.0942i	-0.0065+0.0567i
55.8	0.0932+0.0187i	-0.0407+0.0022i	0.0049+0.5363i	0.1540-0.3492i	-0.0116+0.0142i	-0.0264-0.0018i	-0.0692-0.0680i	-0.0118+0.0801i
55.9	0.0963+0.0232i	-0.0429-0.0104i	-0.0082+0.4936i	0.1845-0.3217i	-0.0084+0.0175i	-0.0241+0.0034i	-0.0661-0.0545i	-0.0052+0.0809i
56.0	0.1053+0.0194i	-0.0314-0.0284i	-0.0772+0.4311i	0.2409-0.2921i	-0.0075+0.0254i	-0.0208+0.0121i	-0.0589-0.0337i	-0.0002+0.0874i

56.1	0.1042+0.0180i	-0.0383-0.0206i	-0.1319+0.4800i	0.2730-0.3276i	-0.0080+0.0197i	-0.0221+0.0054i	-0.0538-0.0407i	-0.0103+0.0756i
56.2	0.1319+0.0109i	-0.0679-0.0308i	-0.0812+0.5316i	0.2396-0.3635i	0.0111+0.0174i	-0.0063+0.0020i	-0.0296-0.0502i	0.0178+0.0755i
56.3	0.1188+0.0162i	-0.0652-0.0243i	-0.0236+0.5169i	0.2074-0.3542i	0.0056+0.0211i	-0.0126+0.0044i	-0.0467-0.0462i	0.0171+0.0825i
56.4	0.1004+0.0290i	-0.0436-0.0240i	-0.0040+0.4869i	0.2011-0.3233i	-0.0020+0.0353i	-0.0206+0.0188i	-0.0633-0.0187i	0.0121+0.1006i
56.5	0.1189+0.0239i	-0.0439-0.0310i	0.0034+0.4721i	0.2110-0.3290i	-0.0037+0.0342i	-0.0250+0.0200i	-0.0711-0.0159i	0.0109+0.0984i
56.6	0.1294+0.0088i	-0.0636-0.0186i	-0.0016+0.4625i	0.2091-0.3269i	-0.0005+0.0163i	-0.0231+0.0039i	-0.0685-0.0406i	0.0109+0.0675i
56.7	0.1327+0.0024i	-0.0700-0.0189i	-0.0079+0.4358i	0.2037-0.3021i	0.0085+0.0149i	-0.0129+0.0044i	-0.0526-0.0370i	0.0243+0.0618i
56.8	0.1332+0.0052i	-0.0715-0.0155i	0.0000+0.4029i	0.2166-0.2963i	0.0059+0.0218i	-0.0155+0.0115i	-0.0588-0.0201i	0.0231+0.0702i
56.9	0.1372-0.0206i	-0.0749-0.0107i	-0.0081+0.3751i	0.2419-0.2924i	0.0001+0.0081i	-0.0228-0.0005i	-0.0678-0.0354i	0.0110+0.0464i
57.0	0.1332-0.0362i	-0.0697+0.0012i	-0.0095+0.3557i	0.2543-0.2863i	-0.0011-0.0040i	-0.0254-0.0108i	-0.0714-0.0486i	0.0084+0.0247i
57.1	0.1341-0.0265i	-0.0761+0.0028i	-0.0409+0.3451i	0.2866-0.2901i	0.0012+0.0031i	-0.0206-0.0035i	-0.0675-0.0310i	0.0132+0.0323i
57.2	0.1357-0.0213i	-0.0780+0.0017i	-0.1072+0.3723i	0.3317-0.3069i	-0.0006+0.0121i	-0.0201+0.0058i	-0.0638-0.0175i	0.0095+0.0426i
57.3	0.1148-0.0277i	-0.0657+0.0039i	-0.1038+0.3893i	0.3250-0.3263i	-0.0147+0.0179i	-0.0361+0.0137i	-0.0818-0.0076i	-0.0186+0.0527i
57.4	0.1352-0.0239i	-0.0590-0.0006i	-0.0860+0.4055i	0.3182-0.3346i	-0.0042+0.0159i	-0.0257+0.0111i	-0.0630-0.0123i	-0.0038+0.0530i
57.5	0.1386-0.0231i	-0.0725-0.0070i	-0.0506+0.4149i	0.2952-0.3550i	-0.0044+0.0138i	-0.0259+0.0082i	-0.0707-0.0179i	0.0053+0.0527i
57.6	0.1421-0.0133i	-0.0794-0.0128i	-0.0316+0.3937i	0.2829-0.3425i	0.0025+0.0203i	-0.0208+0.0162i	-0.0633-0.0007i	0.0191+0.0574i
57.7	0.1609-0.0117i	-0.0968-0.0140i	-0.0496+0.3792i	0.3064-0.3363i	0.0149+0.0165i	-0.0099+0.0126i	-0.0450-0.0029i	0.0352+0.0454i
57.8	0.1700-0.0143i	-0.0946-0.0169i	-0.0686+0.3560i	0.3196-0.3320i	0.0137+0.0208i	-0.0110+0.0166i	-0.0443+0.0060i	0.0296+0.0489i
57.9	0.1684-0.0179i	-0.0941-0.0098i	-0.0797+0.3415i	0.3221-0.3277i	0.0096+0.0240i	-0.0142+0.0215i	-0.0471+0.0174i	0.0239+0.0499i
58.0	0.1640-0.0249i	-0.1014+0.0135i	-0.0662+0.3262i	0.3103-0.3272i	0.0050+0.0194i	-0.0181+0.0199i	-0.0547+0.0157i	0.0147+0.0425i
58.1	0.1420-0.0465i	-0.0862+0.0141i	-0.0816+0.2951i	0.3186-0.3173i	-0.0102+0.0259i	-0.0309+0.0277i	-0.0750+0.0313i	-0.0108+0.0566i
58.2	0.1499-0.0461i	-0.0771+0.0106i	-0.1206+0.2833i	0.3450-0.3114i	-0.0086+0.0260i	-0.0289+0.0287i	-0.0703+0.0340i	-0.0121+0.0563i
58.3	0.1475-0.0433i	-0.0753+0.0087i	-0.1428+0.2971i	0.3772-0.3214i	-0.0031+0.0278i	-0.0226+0.0307i	-0.0605+0.0382i	-0.0006+0.0573i
58.4	0.1494-0.0505i	-0.0779+0.0046i	-0.1588+0.3113i	0.3797-0.3315i	-0.0020+0.0330i	-0.0215+0.0356i	-0.0583+0.0486i	-0.0011+0.0649i
58.5	0.1714-0.0747i	-0.0918+0.0180i	-0.1592+0.3091i	0.3818-0.3420i	-0.0032+0.0267i	-0.0244+0.0305i	-0.0573+0.0429i	-0.0073+0.0494i
58.6	0.1775-0.0848i	-0.1003+0.0251i	-0.1559+0.3096i	0.3911-0.3483i	-0.0054+0.0250i	-0.0262+0.0295i	-0.0580+0.0474i	-0.0103+0.0465i
58.7	0.1947-0.0810i	-0.1023+0.0305i	-0.1700+0.3025i	0.3975-0.3474i	0.0017+0.0236i	-0.0170+0.0302i	-0.0444+0.0468i	0.0013+0.0399i
58.8	0.1808-0.0833i	-0.1117+0.0337i	-0.1853+0.3070i	0.3964-0.3717i	0.0023+0.0227i	-0.0155+0.0285i	-0.0414+0.0473i	0.0021+0.0364i
58.9	0.1797-0.1034i	-0.1045+0.0493i	-0.2030+0.2965i	0.4265-0.3670i	-0.0092+0.0189i	-0.0267+0.0228i	-0.0555+0.0454i	-0.0223+0.0335i
59.0	0.1875-0.1154i	-0.1063+0.0565i	-0.2137+0.2897i	0.4230-0.3705i	-0.0044+0.0168i	-0.0203+0.0225i	-0.0393+0.0450i	-0.0204+0.0271i
59.1	0.1937-0.1270i	-0.1096+0.0530i	-0.2237+0.2901i	0.4194-0.3812i	0.0002+0.0210i	-0.0162+0.0291i	-0.0279+0.0519i	-0.0170+0.0321i
59.2	0.1816-0.1281i	-0.1012+0.0498i	-0.2346+0.3066i	0.4398-0.3827i	0.0014+0.0278i	-0.0147+0.0348i	-0.0235+0.0609i	-0.0165+0.0422i
59.3	0.1839-0.1308i	-0.0910+0.0623i	-0.2590+0.3038i	0.4657-0.3934i	-0.0049+0.0275i	-0.0212+0.0342i	-0.0333+0.0603i	-0.0301+0.0466i
59.4	0.1666-0.1615i	-0.0860+0.0766i	-0.2777+0.3099i	0.4709-0.4118i	-0.0132+0.0203i	-0.0285+0.0293i	-0.0422+0.0492i	-0.0459+0.0400i
59.5	0.1707-0.1650i	-0.0966+0.0780i	-0.2881+0.3239i	0.4781-0.4211i	-0.0091+0.0166i	-0.0231+0.0244i	-0.0300+0.0395i	-0.0401+0.0342i
59.6	0.1668-0.1809i	-0.0786+0.0790i	-0.3157+0.3295i	0.4986-0.4465i	-0.0185+0.0258i	-0.0330+0.0333i	-0.0432+0.0550i	-0.0543+0.0507i
59.7	0.1717-0.1863i	-0.0731+0.0887i	-0.3171+0.3418i	0.5097-0.4480i	-0.0136+0.0248i	-0.0265+0.0316i	-0.0322+0.0530i	-0.0457+0.0545i
59.8	0.1696-0.1782i	-0.0919+0.0931i	-0.3365+0.3608i	0.5269-0.4537i	0.0020+0.0225i	-0.0138+0.0281i	-0.0095+0.0488i	-0.0291+0.0450i
59.9	0.1962-0.1760i	-0.0449+0.0754i	-0.3411+0.3440i	0.5300-0.4639i	-0.0036+0.0175i	-0.0186+0.0239i	-0.0116+0.0426i	-0.0378+0.0329i
60.0	0.1041-0.2916i	-0.1472-0.0387i	-0.4380+0.3735i	0.4945-0.4640i	-0.0114+0.0160i	-0.0229+0.0229i	-0.0151+0.0364i	-0.0571+0.0284i
60.1	0.1241-0.2629i	-0.0830+0.0458i	-0.3907+0.3875i	0.5184-0.5110i	-0.0154+0.0288i	-0.0263+0.0370i	-0.0206+0.0587i	-0.0640+0.0562i
60.2	0.1355-0.2208i	-0.0603+0.1085i	-0.3857+0.4002i	0.5532-0.5361i	-0.0124+0.0303i	-0.0245+0.0385i	-0.0136+0.0643i	-0.0604+0.0591i
60.3	0.1318-0.2227i	-0.0611+0.1037i	-0.4042+0.4186i	0.5608-0.5445i	-0.0118+0.0295i	-0.0239+0.0372i	-0.0067+0.0616i	-0.0611+0.0591i
60.4	0.1277-0.2305i	-0.0539+0.1064i	-0.4027+0.4404i	0.5499-0.5609i	-0.0164+0.0330i	-0.0279+0.0396i	-0.0088+0.0626i	-0.0715+0.0690i
60.5	0.1331-0.2414i	-0.0547+0.0998i	-0.3940+0.4495i	0.5445-0.5833i	-0.0203+0.0266i	-0.0327+0.0329i	-0.0131+0.0527i	-0.0824+0.0630i
60.6	0.1131-0.2387i	-0.0246+0.1150i	-0.3960+0.4393i	0.5613-0.5735i	-0.0259+0.0369i	-0.0360+0.0435i	-0.0160+0.0665i	-0.0947+0.0805i
60.7	0.1094-0.2570i	-0.0186+0.1174i	-0.4101+0.4540i	0.5753-0.6035i	-0.0213+0.0421i	-0.0311+0.0503i	-0.0102+0.0743i	-0.0890+0.0944i
60.8	0.1045-0.2623i	-0.0315+0.1096i	-0.4229+0.4632i	0.5724-0.6274i	-0.0128+0.0374i	-0.0219+0.0453i	0.0059+0.0620i	-0.0741+0.0912i
60.9	0.0898-0.2669i	-0.0230+0.0882i	-0.4394+0.4967i	0.5844-0.6593i	-0.0072+0.0410i	-0.0169+0.0479i	0.0170+0.0644i	-0.0624+0.0976i
61.0	0.0845-0.2624i	-0.0112+0.0936i	-0.4424+0.5232i	0.5971-0.6850i	-0.0078+0.0471i	-0.0184+0.0552i	0.0184+0.0721i	-0.0617+0.1099i
61.1	0.0740-0.2862i	-0.0183+0.1068i	-0.4336+0.5189i	0.5775-0.7151i	-0.0157+0.0427i	-0.0264+0.0511i	0.0096+0.0616i	-0.0828+0.1035i
61.2	0.0588-0.2754i	-0.0024+0.1060i	-0.4531+0.5258i	0.5733-0.7138i	-0.0128+0.0472i	-0.0213+0.0570i	0.0197+0.0662i	-0.0780+0.1153i
61.3	0.0592-0.2695i	-0.0038+0.1063i	-0.4768+0.5573i	0.5797-0.7269i	-0.0061+0.0543i	-0.0141+0.0623i	0.0302+0.0719i	-0.0624+0.1315i
61.4	0.0415-0.2852i	0.0023+0.1120i	-0.4653+0.5788i	0.5727-0.7558i	-0.0133+0.0557i	-0.0214+0.0652i	0.0216+0.0738i	-0.0774+0.1414i
61.5	0.0473-0.2994i	0.0037+0.1098i	-0.4583+0.6047i	0.5911-0.7921i	-0.0147+0.0549i	-0.0232+0.0651i	0.0226+0.0742i	-0.0845+0.1397i
61.6	0.0392-0.2911i	0.0191+0.1002i	-0.4730+0.6024i	0.5804-0.7977i	-0.0093+0.0601i	-0.0182+0.0676i	0.0327+0.0745i	-0.0749+0.1446i
61.7	0.0259-0.3001i	0.0195+0.0821i	-0.4520+0.6231i	0.5595-0.8420i	-0.0027+0.0603i	-0.0121+0.0655i	0.0442+0.0681i	-0.0663+0.1484i
61.8	0.0258-0.3021i	0.0060+0.0769i	-0.4551+0.6702i	0.5716-0.8851i	-0.0047+0.0592i	-0.0130+0.0653i	0.0423+0.0613i	-0.0675+0.1545i
61.9	0.0168-0.3069i	0.0107+0.0832i	-0.4740+0.6740i	0.5791-0.9009i	-0.0049+0.0707i	-0.0125+0.0782i	0.0395+0.0769i	-0.0681+0.1800i
62.0	-0.0002-0.3102i	0.0238+0.0707i	-0.4662+0.7066i	0.5674-0.9352i	-0.0002+0.0740i	-0.0083+0.0824i	0.0490+0.0799i	-0.0592+0.1865i
62.1	-0.0157-0.3026i	0.0211+0.0689i	-0.4573+0.7176i	0.5557-0.9462i	0.0059+0.0749i	-0.0018+0.0826i	0.0581+0.0781i	-0.0466+0.1879i
62.2	-0.0412-0.3119i	0.0237+0.0801i	-0.4570+0.7397i	0.5462-0.9772i	0.0067+0.0713i	0.0009+0.0783i	0.0627+0.0693i	-0.0481+0.1906i
62.3	-0.0406-0.3110i	0.0190+0.0833i	-0.4476+0.7475i	0.5270-0.9800i	0.0027+0.0631i	-0.0054+0.0699i	0.0567+0.0492i	-0.0641+0.1816i

62.4	-0.0457-0.3169i	0.0188+0.0759i	-0.4232+0.7673i	0.4926-0.9963i	0.0012+0.0692i	-0.0079+0.0757i	0.0539+0.0551i	-0.0643+0.1928i
62.5	-0.0596-0.3172i	0.0361+0.0733i	-0.4338+0.8039i	0.4642-1.0324i	0.0168+0.0823i	0.0087+0.0895i	0.0786+0.0754i	-0.0273+0.2127i
62.6	-0.0850-0.3306i	0.0431+0.0612i	-0.4348+0.8504i	0.4722-1.1045i	0.0213+0.0859i	0.0128+0.0915i	0.0892+0.0747i	-0.0222+0.2226i
62.7	-0.0943-0.3283i	0.0366+0.0530i	-0.4449+0.8800i	0.4788-1.1201i	0.0240+0.0879i	0.0187+0.0937i	0.0944+0.0727i	-0.0182+0.2316i
62.8	-0.0815-0.3280i	0.0166+0.0523i	-0.4349+0.8591i	0.4606-1.0890i	0.0186+0.0885i	0.0146+0.0939i	0.0785+0.0686i	-0.0189+0.2404i
62.9	-0.0869-0.3178i	0.0003+0.0440i	-0.3766+0.8784i	0.3925-1.0996i	0.0184+0.0748i	0.0137+0.0820i	0.0739+0.0410i	-0.0150+0.2223i
63.0	-0.1125-0.3243i	0.0184+0.0574i	-0.3715+0.8944i	0.3788-1.1231i	0.0170+0.0792i	0.0127+0.0854i	0.0713+0.0377i	-0.0122+0.2374i
63.1	-0.1472-0.3059i	0.0303+0.0559i	-0.3936+0.9356i	0.3800-1.1713i	0.0427+0.0919i	0.0341+0.0968i	0.1100+0.0538i	0.0285+0.2548i
63.2	-0.1331-0.3022i	-0.0142+0.0525i	-0.3768+0.9635i	0.3206-1.1973i	0.0412+0.0802i	0.0335+0.0852i	0.1018+0.0286i	0.0248+0.2403i
63.3	-0.1427-0.3086i	-0.0046+0.0536i	-0.3433+0.9924i	0.2884-1.1998i	0.0434+0.0791i	0.0372+0.0847i	0.1030+0.0237i	0.0359+0.2389i
63.4	-0.1725-0.3154i	0.0176+0.0490i	-0.3137+0.9774i	0.2683-1.1892i	0.0496+0.0870i	0.0441+0.0916i	0.1120+0.0333i	0.0475+0.2576i
63.5	-0.1774-0.3164i	0.0140+0.0564i	-0.3068+1.0007i	0.2607-1.2225i	0.0479+0.0896i	0.0433+0.0951i	0.1077+0.0372i	0.0495+0.2647i
63.6	-0.1651-0.3082i	0.0254+0.0679i	-0.3143+0.9987i	0.2604-1.2053i	0.0470+0.0904i	0.0421+0.0939i	0.1053+0.0345i	0.0494+0.2668i
63.7	-0.1861-0.3119i	0.0253+0.0686i	-0.2869+1.0478i	0.2315-1.2477i	0.0551+0.0851i	0.0496+0.0899i	0.1161+0.0187i	0.0619+0.2633i
63.8	-0.2030-0.3194i	0.0198+0.0749i	-0.2807+1.0697i	0.2130-1.2768i	0.0655+0.0988i	0.0579+0.1024i	0.1270+0.0384i	0.0844+0.2832i
63.9	-0.2114-0.3031i	0.0210+0.0528i	-0.2643+1.0621i	0.2003-1.2751i	0.0756+0.0895i	0.0670+0.0932i	0.1344+0.0211i	0.1040+0.2718i
64.0	-0.2276-0.2998i	0.0264+0.0542i	-0.2423+1.0881i	0.1691-1.3024i	0.0744+0.0862i	0.0675+0.0911i	0.1343+0.0145i	0.1065+0.2737i
64.1	-0.2389-0.2955i	0.0244+0.0745i	-0.2094+1.0817i	0.1299-1.2936i	0.0717+0.0864i	0.0636+0.0923i	0.1241+0.0118i	0.1042+0.2799i
64.2	-0.2376-0.2900i	0.0161+0.0982i	-0.1565+1.0754i	0.1000-1.2685i	0.0641+0.0819i	0.0574+0.0854i	0.1052+0.0025i	0.1018+0.2694i
64.3	-0.2638-0.2876i	0.0306+0.0702i	-0.1427+1.0845i	0.0520-1.2773i	0.0782+0.0723i	0.0725+0.0773i	0.1185-0.0098i	0.1364+0.2534i
64.4	-0.2860-0.2983i	0.0550+0.0793i	-0.1508+1.1116i	0.0432-1.3075i	0.0913+0.0841i	0.0858+0.0884i	0.1316+0.0051i	0.1661+0.2717i
64.5	-0.2855-0.2776i	0.0539+0.0848i	-0.1331+1.0883i	0.0513-1.2968i	0.0904+0.0776i	0.0837+0.0831i	0.1240-0.0077i	0.1686+0.2633i
64.6	-0.2899-0.2488i	0.0391+0.0724i	-0.0947+1.1032i	0.0045-1.3116i	0.0977+0.0617i	0.0897+0.0679i	0.1338-0.0332i	0.1781+0.2402i
64.7	-0.2944-0.2264i	0.0304+0.0625i	-0.0984+1.1011i	-0.0137-1.2883i	0.1028+0.0491i	0.0945+0.0557i	0.1410-0.0508i	0.1842+0.2150i
64.8	-0.3215-0.2316i	0.0479+0.0671i	-0.1020+1.1223i	-0.0216-1.3234i	0.1093+0.0604i	0.1008+0.0672i	0.1463-0.0333i	0.2012+0.2287i
64.9	-0.3422-0.2153i	0.0540+0.0556i	-0.0807+1.1086i	-0.0573-1.3115i	0.1135+0.0560i	0.1079+0.0623i	0.1501-0.0347i	0.2136+0.2161i
65.0	-0.3532-0.2213i	0.0540+0.0425i	-0.0517+1.1360i	-0.0831-1.3340i	0.1129+0.0431i	0.1066+0.0500i	0.1449-0.0506i	0.2180+0.1944i
65.1	-0.3616-0.2109i	0.0519+0.0617i	-0.0377+1.1718i	-0.1108-1.3651i	0.1092+0.0490i	0.1006+0.0566i	0.1391-0.0412i	0.2144+0.2089i
65.2	-0.3597-0.2091i	0.0528+0.0553i	-0.0004+1.1936i	-0.1480-1.3819i	0.1057+0.0399i	0.0984+0.0493i	0.1324-0.0593i	0.2058+0.1975i
65.3	-0.3841-0.1875i	0.0744+0.0322i	-0.0117+1.1780i	-0.1343-1.3788i	0.1231+0.0349i	0.1133+0.0424i	0.1642-0.0713i	0.2275+0.1837i
65.4	-0.4089-0.1677i	0.0860+0.0282i	-0.0210+1.1810i	-0.1363-1.3903i	0.1399+0.0377i	0.1287+0.0467i	0.1901-0.0583i	0.2544+0.1807i
65.5	-0.4104-0.1706i	0.0818+0.0395i	-0.0017+1.1968i	-0.1949-1.3855i	0.1272+0.0361i	0.1182+0.0482i	0.1639-0.0558i	0.2433+0.1836i
65.6	-0.4091-0.1485i	0.0719+0.0355i	0.0525+1.2094i	-0.2529-1.3720i	0.1242+0.0248i	0.1153+0.0363i	0.1551-0.0765i	0.2403+0.1656i
65.7	-0.3953-0.1172i	0.0559+0.0371i	0.0815+1.1965i	-0.2780-1.3515i	0.1163+0.0137i	0.1068+0.0260i	0.1448-0.0955i	0.2265+0.1501i
65.8	-0.4199-0.0996i	0.0672+0.0461i	0.1364+1.2324i	-0.3473-1.3554i	0.1280+0.0023i	0.1206+0.0168i	0.1629-0.1167i	0.2461+0.1343i
65.9	-0.4204-0.0937i	0.0618+0.0487i	0.1510+1.2628i	-0.3867-1.3784i	0.1337+0.0014i	0.1267+0.0160i	0.1708-0.1238i	0.2524+0.1387i
66.0	-0.4049-0.0776i	0.0565+0.0388i	0.1696+1.2455i	-0.4169-1.3517i	0.1283-0.0079i	0.1220+0.0050i	0.1591-0.1468i	0.2494+0.1274i
66.1	-0.4421-0.0544i	0.0850+0.0427i	0.2008+1.2695i	-0.4359-1.3709i	0.1421-0.0090i	0.1360+0.0052i	0.1779-0.1512i	0.2800+0.1336i
66.2	-0.4371-0.0447i	0.0928+0.0414i	0.2562+1.2724i	-0.4953-1.3551i	0.1389-0.0190i	0.1329-0.0031i	0.1611-0.1694i	0.2883+0.1233i
66.3	-0.4354-0.0328i	0.0913+0.0512i	0.3026+1.2531i	-0.5467-1.3207i	0.1249-0.0254i	0.1208-0.0084i	0.1315-0.1790i	0.2783+0.1126i
66.4	-0.4438+0.0005i	0.0991+0.0231i	0.3230+1.2597i	-0.5566-1.3257i	0.1228-0.0339i	0.1213-0.0197i	0.1260-0.1999i	0.2804+0.0963i
66.5	-0.4457+0.0254i	0.0992+0.0321i	0.3321+1.2608i	-0.5763-1.3209i	0.1213-0.0347i	0.1197-0.0220i	0.1101-0.2034i	0.2901+0.0959i
66.6	-0.4400+0.0346i	0.0976+0.0297i	0.3315+1.2482i	-0.5860-1.2968i	0.1157-0.0353i	0.1127-0.0213i	0.0938-0.1990i	0.2844+0.0919i
66.7	-0.4077+0.0487i	0.0973+0.0176i	0.3872+1.2222i	-0.6412-1.2565i	0.0996-0.0402i	0.0996-0.0262i	0.0589-0.1991i	0.2703+0.0809i
66.8	-0.4035+0.0728i	0.0799+0.0036i	0.4390+1.2098i	-0.6990-1.2280i	0.0955-0.0518i	0.0960-0.0387i	0.0416-0.2098i	0.2740+0.0502i
66.9	-0.3861+0.0810i	0.0717+0.0260i	0.4623+1.1849i	-0.7174-1.1953i	0.0892-0.0525i	0.0897-0.0393i	0.0312-0.2034i	0.2624+0.0409i
67.0	-0.4107+0.1120i	0.1024-0.0058i	0.4761+1.1642i	-0.7284-1.1799i	0.1060-0.0518i	0.1059-0.0380i	0.0555-0.1969i	0.2908+0.0332i
67.1	-0.4259+0.1153i	0.1250-0.0002i	0.4955+1.1222i	-0.7456-1.1467i	0.1030-0.0405i	0.1063-0.0292i	0.0522-0.1737i	0.2931+0.0417i
67.2	-0.3927+0.1240i	0.0985-0.0059i	0.5214+1.1245i	-0.7602-1.1198i	0.0897-0.0516i	0.0935-0.0387i	0.0321-0.1868i	0.2649+0.0233i
67.3	-0.3614+0.1171i	0.0804+0.0083i	0.5733+1.1124i	-0.7928-1.0823i	0.0705-0.0483i	0.0765-0.0344i	-0.0006-0.1805i	0.2340+0.0288i
67.4	-0.3680+0.1367i	0.0940+0.0058i	0.5801+1.0850i	-0.8148-1.0368i	0.0704-0.0391i	0.0774-0.0277i	0.0039-0.1626i	0.2417+0.0348i
67.5	-0.3544+0.1614i	0.0951+0.0043i	0.5835+1.0528i	-0.8113-1.0099i	0.0711-0.0458i	0.0777-0.0347i	0.0047-0.1715i	0.2399+0.0193i
67.6	-0.3348+0.1581i	0.0928+0.0158i	0.5985+1.0150i	-0.7854-0.9550i	0.0639-0.0410i	0.0701-0.0315i	-0.0079-0.1627i	0.2275+0.0221i
67.7	-0.3152+0.1673i	0.0936+0.0176i	0.6111+0.9732i	-0.8071-0.9004i	0.0603-0.0390i	0.0685-0.0327i	-0.0198-0.1557i	0.2269+0.0161i
67.8	-0.3083+0.1718i	0.0921+0.0095i	0.6150+0.9726i	-0.8312-0.9097i	0.0591-0.0418i	0.0667-0.0366i	-0.0269-0.1633i	0.2299+0.0175i
67.9	-0.2902+0.1860i	0.0906-0.0068i	0.6121+0.9743i	-0.8226-0.8998i	0.0559-0.0426i	0.0652-0.0387i	-0.0354-0.1650i	0.2278+0.0134i
68.0	-0.2695+0.2163i	0.0857-0.0128i	0.6283+0.9807i	-0.8291-0.8760i	0.0586-0.0490i	0.0648-0.0446i	-0.0354-0.1688i	0.2326-0.0040i
68.1	-0.2581+0.2117i	0.1005-0.0147i	0.6275+0.9490i	-0.8119-0.8449i	0.0582-0.0463i	0.0636-0.0413i	-0.0367-0.1604i	0.2275+0.0007i
68.2	-0.2346+0.2040i	0.0951-0.0127i	0.6560+0.9382i	-0.8320-0.8185i	0.0491-0.0421i	0.0564-0.0380i	-0.0509-0.1491i	0.2169+0.0067i
68.3	-0.2492+0.1983i	0.0901-0.0150i	0.6920+0.9322i	-0.8579-0.8120i	0.0533-0.0351i	0.0615-0.0312i	-0.0524-0.1375i	0.2334+0.0163i
68.4	-0.2348+0.1653i	0.1017-0.0013i	0.7031+0.9100i	-0.8447-0.7869i	0.0538-0.0242i	0.0617-0.0207i	-0.0532-0.1162i	0.2302+0.0288i
68.5	-0.2167+0.1666i	0.1034-0.0038i	0.7049+0.9043i	-0.8579-0.7670i	0.0546-0.0255i	0.0622-0.0250i	-0.0498-0.1150i	0.2318+0.0188i
68.6	-0.2072+0.1701i	0.1108-0.0054i	0.7184+0.8900i	-0.8768-0.7607i	0.0577-0.0284i	0.0626-0.0298i	-0.0497-0.1217i	0.2360+0.0113i

68.7	-0.2074+0.1635i	0.0970+0.0109i	0.7009+0.8496i	-0.8563-0.7110i	0.0517-0.0264i	0.0552-0.0276i	-0.0607-0.1111i	0.2277+0.0125i
68.8	-0.1985+0.1416i	0.0989+0.0133i	0.6832+0.8253i	-0.8381-0.6742i	0.0463-0.0209i	0.0505-0.0244i	-0.0682-0.0988i	0.2178+0.0181i
68.9	-0.2023+0.1503i	0.0958-0.0061i	0.7148+0.7874i	-0.8431-0.6390i	0.0478-0.0260i	0.0537-0.0308i	-0.0659-0.1019i	0.2258-0.0016i
69.0	-0.1910+0.1474i	0.0941-0.0060i	0.7199+0.7825i	-0.8459-0.6222i	0.0459-0.0270i	0.0498-0.0307i	-0.0688-0.1009i	0.2193-0.0044i
69.1	-0.1889+0.1155i	0.1167+0.0061i	0.7179+0.7485i	-0.8339-0.5990i	0.0466-0.0191i	0.0479-0.0228i	-0.0703-0.0811i	0.2136+0.0077i
69.2	-0.1895+0.1313i	0.1177-0.0152i	0.7626+0.7722i	-0.8533-0.5846i	0.0482-0.0233i	0.0501-0.0284i	-0.0680-0.0849i	0.2156-0.0053i
69.3	-0.1954+0.1381i	0.1089-0.0014i	0.7399+0.7744i	-0.8159-0.5889i	0.0518-0.0221i	0.0519-0.0280i	-0.0545-0.0869i	0.2210-0.0008i
69.4	-0.1923+0.1260i	0.1030+0.0159i	0.7468+0.7398i	-0.8382-0.5689i	0.0510-0.0195i	0.0494-0.0256i	-0.0585-0.0822i	0.2163-0.0044i
69.5	-0.1897+0.1230i	0.1228+0.0124i	0.7603+0.6596i	-0.8293-0.5103i	0.0474-0.0205i	0.0452-0.0269i	-0.0666-0.0795i	0.2087-0.0119i
69.6	-0.1947+0.1124i	0.1435+0.0120i	0.7667+0.6352i	-0.8106-0.4855i	0.0468-0.0171i	0.0447-0.0229i	-0.0705-0.0716i	0.2116-0.0024i
69.7	-0.2003+0.1025i	0.1400+0.0001i	0.7508+0.6422i	-0.7896-0.4864i	0.0506-0.0166i	0.0480-0.0235i	-0.0623-0.0688i	0.2144-0.0018i
69.8	-0.2005+0.1067i	0.1427-0.0080i	0.7452+0.6193i	-0.7729-0.4830i	0.0526-0.0171i	0.0481-0.0239i	-0.0606-0.0671i	0.2150-0.0037i
69.9	-0.2023+0.1045i	0.1607-0.0238i	0.7626+0.6006i	-0.7718-0.4715i	0.0544-0.0144i	0.0480-0.0203i	-0.0601-0.0638i	0.2183-0.0003i
70.0	-0.2160+0.1016i	0.1580-0.0286i	0.7646+0.5978i	-0.7736-0.4530i	0.0566-0.0124i	0.0482-0.0186i	-0.0554-0.0591i	0.2197-0.0017i
70.1	-0.2179+0.1040i	0.1550-0.0312i	0.7364+0.5948i	-0.7570-0.4490i	0.0591-0.0132i	0.0511-0.0186i	-0.0533-0.0567i	0.2228-0.0058i
70.2	-0.2233+0.0815i	0.1556-0.0296i	0.7276+0.5609i	-0.7290-0.4544i	0.0576-0.0100i	0.0514-0.0158i	-0.0494-0.0500i	0.2168+0.0019i
70.3	-0.2391+0.0870i	0.1652-0.0421i	0.7357+0.5258i	-0.7400-0.4247i	0.0606-0.0120i	0.0514-0.0178i	-0.0460-0.0532i	0.2209+0.0010i
70.4	-0.2535+0.1003i	0.1706-0.0528i	0.7322+0.5103i	-0.7410-0.4068i	0.0627-0.0148i	0.0535-0.0197i	-0.0428-0.0528i	0.2294-0.0100i
70.5	-0.2593+0.1003i	0.1606-0.0682i	0.7295+0.5065i	-0.7409-0.3998i	0.0674-0.0170i	0.0577-0.0217i	-0.0385-0.0559i	0.2380-0.0143i
70.6	-0.2509+0.0980i	0.1617-0.0641i	0.7189+0.5064i	-0.7232-0.3933i	0.0675-0.0169i	0.0555-0.0209i	-0.0417-0.0619i	0.2297-0.0087i
70.7	-0.2596+0.1133i	0.1687-0.0654i	0.7171+0.4759i	-0.7211-0.3697i	0.0686-0.0191i	0.0562-0.0203i	-0.0407-0.0625i	0.2341-0.0139i
70.8	-0.2637+0.1322i	0.1692-0.0784i	0.7121+0.4699i	-0.7126-0.3751i	0.0739-0.0190i	0.0591-0.0234i	-0.0374-0.0606i	0.2448-0.0200i
70.9	-0.2703+0.1363i	0.1743-0.0925i	0.7031+0.4635i	-0.7020-0.3712i	0.0754-0.0217i	0.0582-0.0255i	-0.0359-0.0610i	0.2463-0.0252i
71.0	-0.2700+0.1524i	0.1666-0.0874i	0.6823+0.4243i	-0.6741-0.3501i	0.0738-0.0217i	0.0577-0.0250i	-0.0375-0.0604i	0.2425-0.0247i
71.1	-0.2661+0.1610i	0.1650-0.0704i	0.6624+0.4076i	-0.6524-0.3443i	0.0722-0.0217i	0.0578-0.0226i	-0.0392-0.0574i	0.2444-0.0220i
71.2	-0.2719+0.1726i	0.1563-0.0889i	0.6607+0.4176i	-0.6572-0.3409i	0.0730-0.0265i	0.0573-0.0257i	-0.0425-0.0622i	0.2498-0.0313i
71.3	-0.2820+0.1795i	0.1487-0.0954i	0.6576+0.4139i	-0.6586-0.3336i	0.0730-0.0314i	0.0565-0.0291i	-0.0452-0.0660i	0.2513-0.0417i
71.4	-0.2808+0.1871i	0.1617-0.1090i	0.6549+0.3976i	-0.6292-0.3260i	0.0769-0.0346i	0.0590-0.0312i	-0.0435-0.0676i	0.2570-0.0483i
71.5	-0.2906+0.1953i	0.1775-0.1151i	0.6465+0.3921i	-0.6117-0.3098i	0.0786-0.0337i	0.0633-0.0294i	-0.0354-0.0627i	0.2595-0.0488i
71.6	-0.2970+0.2174i	0.1816-0.1253i	0.6361+0.3950i	-0.6250-0.3278i	0.0806-0.0380i	0.0644-0.0334i	-0.0303-0.0689i	0.2632-0.0562i
71.7	-0.2887+0.2371i	0.1764-0.1370i	0.6387+0.4056i	-0.6289-0.3301i	0.0783-0.0422i	0.0619-0.0361i	-0.0413-0.0721i	0.2681-0.0633i
71.8	-0.2673+0.2442i	0.1653-0.1268i	0.6303+0.3657i	-0.6044-0.2830i	0.0719-0.0416i	0.0580-0.0347i	-0.0518-0.0638i	0.2576-0.0680i
71.9	-0.2578+0.2606i	0.1590-0.1352i	0.6178+0.3532i	-0.5848-0.2752i	0.0731-0.0464i	0.0581-0.0378i	-0.0491-0.0684i	0.2547-0.0758i
72.0	-0.2491+0.2624i	0.1659-0.1504i	0.6115+0.3605i	-0.5889-0.2915i	0.0726-0.0475i	0.0592-0.0391i	-0.0496-0.0692i	0.2576-0.0800i
72.1	-0.2414+0.2576i	0.1658-0.1501i	0.5963+0.3524i	-0.5650-0.3074i	0.0702-0.0451i	0.0571-0.0372i	-0.0495-0.0660i	0.2517-0.0793i
72.2	-0.2367+0.2543i	0.1581-0.1556i	0.5801+0.3290i	-0.5677-0.2796i	0.0672-0.0469i	0.0536-0.0393i	-0.0524-0.0604i	0.2500-0.0926i
72.3	-0.2330+0.2589i	0.1580-0.1713i	0.5919+0.3357i	-0.5553-0.2887i	0.0673-0.0502i	0.0551-0.0415i	-0.0587-0.0600i	0.2548-0.0976i
72.4	-0.2288+0.2841i	0.1653-0.1823i	0.5879+0.3352i	-0.5501-0.2930i	0.0688-0.0530i	0.0545-0.0435i	-0.0587-0.0619i	0.2553-0.1042i
72.5	-0.2214+0.2933i	0.1636-0.1908i	0.5813+0.3417i	-0.5551-0.2865i	0.0683-0.0547i	0.0541-0.0453i	-0.0574-0.0613i	0.2522-0.1107i
72.6	-0.1973+0.2759i	0.1481-0.1786i	0.5868+0.2977i	-0.5370-0.2576i	0.0642-0.0535i	0.0510-0.0440i	-0.0602-0.0455i	0.2434-0.1222i
72.7	-0.2184+0.2790i	0.1667-0.2084i	0.5683+0.3112i	-0.5137-0.2821i	0.0646-0.0601i	0.0521-0.0462i	-0.0585-0.0566i	0.2492-0.1302i
72.8	-0.2199+0.2776i	0.1710-0.2015i	0.5543+0.3127i	-0.4930-0.3018i	0.0663-0.0558i	0.0538-0.0413i	-0.0510-0.0459i	0.2492-0.1266i
72.9	-0.2193+0.2832i	0.1861-0.1888i	0.5363+0.3137i	-0.4763-0.2934i	0.0686-0.0511i	0.0549-0.0402i	-0.0508-0.0335i	0.2494-0.1288i
73.0	-0.2051+0.2859i	0.1870-0.1962i	0.5272+0.3134i	-0.4876-0.2906i	0.0649-0.0544i	0.0530-0.0450i	-0.0495-0.0454i	0.2418-0.1307i
73.1	-0.1895+0.2980i	0.1472-0.2117i	0.5397+0.3028i	-0.5044-0.2802i	0.0574-0.0618i	0.0473-0.0493i	-0.0597-0.0454i	0.2320-0.1477i
73.2	-0.1884+0.3048i	0.1432-0.2299i	0.5499+0.2983i	-0.5005-0.2910i	0.0573-0.0653i	0.0461-0.0495i	-0.0627-0.0444i	0.2313-0.1537i
73.3	-0.1834+0.3058i	0.1501-0.2386i	0.5439+0.3002i	-0.5077-0.2936i	0.0600-0.0664i	0.0468-0.0514i	-0.0528-0.0414i	0.2237-0.1665i
73.4	-0.1658+0.3179i	0.1460-0.2453i	0.5392+0.2930i	-0.5098-0.2841i	0.0597-0.0674i	0.0487-0.0519i	-0.0465-0.0379i	0.2225-0.1742i
73.5	-0.1766+0.3072i	0.1599-0.2548i	0.5199+0.2887i	-0.4700-0.2805i	0.0571-0.0628i	0.0488-0.0483i	-0.0437-0.0290i	0.2205-0.1682i
73.6	-0.1816+0.3025i	0.1518-0.2546i	0.5154+0.2802i	-0.4675-0.2833i	0.0565-0.0643i	0.0463-0.0503i	-0.0442-0.0336i	0.2132-0.1708i
73.7	-0.1726+0.2962i	0.1543-0.2400i	0.5030+0.2670i	-0.4590-0.2692i	0.0552-0.0612i	0.0445-0.0481i	-0.0420-0.0282i	0.2022-0.1694i
73.8	-0.1588+0.3172i	0.1327-0.2648i	0.5010+0.2620i	-0.4636-0.2833i	0.0509-0.0648i	0.0418-0.0496i	-0.0444-0.0266i	0.1935-0.1783i
73.9	-0.1414+0.3336i	0.1368-0.2696i	0.4915+0.2600i	-0.4670-0.2879i	0.0496-0.0660i	0.0427-0.0509i	-0.0383-0.0306i	0.1879-0.1818i
74.0	-0.1435+0.3501i	0.1123-0.2989i	0.4885+0.2537i	-0.4697-0.3049i	0.0499-0.0711i	0.0414-0.0537i	-0.0355-0.0342i	0.1798-0.1965i
74.1	-0.1579+0.3387i	0.0982-0.3148i	0.4929+0.2534i	-0.4650-0.2979i	0.0477-0.0726i	0.0402-0.0547i	-0.0358-0.0335i	0.1740-0.1986i
74.2	-0.1715+0.3470i	0.1173-0.3376i	0.4806+0.2586i	-0.4457-0.3248i	0.0475-0.0729i	0.0421-0.0554i	-0.0320-0.0460i	0.1760-0.1893i
74.3	-0.1518+0.3552i	0.1128-0.3478i	0.4736+0.2627i	-0.4428-0.3229i	0.0456-0.0720i	0.0405-0.0553i	-0.0321-0.0463i	0.1688-0.1920i
74.4	-0.1274+0.3565i	0.0911-0.3456i	0.4873+0.2472i	-0.4496-0.3025i	0.0452-0.0733i	0.0381-0.0573i	-0.0246-0.0490i	0.1547-0.1929i
74.5	-0.1544+0.3631i	0.1180-0.3669i	0.4507+0.2537i	-0.4385-0.3160i	0.0487-0.0732i	0.0404-0.0563i	-0.0137-0.0515i	0.1618-0.1856i
74.6	-0.1563+0.3724i	0.1063-0.3882i	0.4264+0.2575i	-0.4464-0.3322i	0.0479-0.0725i	0.0413-0.0554i	-0.0151-0.0528i	0.1609-0.1867i
74.7	-0.1119+0.3949i	0.0341-0.3893i	0.4669+0.2434i	-0.4806-0.3125i	0.0384-0.0778i	0.0332-0.0604i	-0.0283-0.0580i	0.1373-0.1965i
74.8	-0.1198+0.3674i	0.0374-0.3933i	0.4471+0.2447i	-0.4649-0.3222i	0.0377-0.0761i	0.0333-0.0586i	-0.0312-0.0594i	0.1334-0.1866i
74.9	-0.1136+0.3601i	0.0360-0.3985i	0.4486+0.2334i	-0.4570-0.3086i	0.0354-0.0759i	0.0319-0.0568i	-0.0312-0.0646i	0.1321-0.1835i

75.0	-0.0945+0.4083i	0.0051-0.4249i	0.4398+0.2218i	-0.4915-0.3162i	0.0319-0.0839i	0.0294-0.0643i	-0.0355-0.0810i	0.1273-0.1924i
75.1	-0.1059+0.4233i	0.0074-0.4543i	0.4417+0.2255i	-0.5005-0.3357i	0.0320-0.0887i	0.0312-0.0669i	-0.0374-0.0849i	0.1275-0.1996i
75.2	-0.0961+0.4549i	-0.0244-0.4961i	0.4425+0.2400i	-0.5200-0.3632i	0.0320-0.0949i	0.0331-0.0724i	-0.0356-0.0932i	0.1254-0.2106i
75.3	-0.0825+0.4247i	-0.0407-0.4726i	0.4143+0.2163i	-0.4830-0.3588i	0.0284-0.0854i	0.0301-0.0653i	-0.0434-0.0892i	0.1188-0.1972i
75.4	-0.0681+0.4502i	-0.0573-0.4879i	0.4231+0.2136i	-0.4992-0.3215i	0.0232-0.0874i	0.0251-0.0661i	-0.0516-0.0908i	0.1138-0.1968i
75.5	-0.0589+0.4625i	-0.0861-0.4915i	0.4019+0.2195i	-0.5066-0.3145i	0.0250-0.0895i	0.0243-0.0676i	-0.0476-0.0978i	0.1099-0.1966i
75.6	-0.0465+0.4930i	-0.1327-0.5045i	0.3833+0.2167i	-0.5299-0.3077i	0.0200-0.0901i	0.0219-0.0689i	-0.0554-0.1007i	0.1006-0.1990i
75.7	-0.0434+0.4792i	-0.1438-0.4986i	0.3694+0.2001i	-0.5080-0.3201i	0.0183-0.0895i	0.0212-0.0667i	-0.0570-0.1016i	0.0970-0.1900i
75.8	-0.0105+0.4524i	-0.1480-0.4684i	0.3628+0.1885i	-0.4950-0.2804i	0.0148-0.0858i	0.0194-0.0646i	-0.0600-0.0910i	0.0905-0.1812i
75.9	-0.0056+0.4471i	-0.1518-0.4650i	0.3489+0.2074i	-0.4694-0.2750i	0.0140-0.0804i	0.0205-0.0624i	-0.0599-0.0859i	0.0907-0.1787i
76.0	0.0210+0.4603i	-0.1940-0.4842i	0.3213+0.2324i	-0.4544-0.2885i	0.0141-0.0823i	0.0188-0.0615i	-0.0650-0.0962i	0.0913-0.1766i
76.1	0.0553+0.4973i	-0.2553-0.5051i	0.3331+0.2256i	-0.4890-0.2810i	0.0069-0.0857i	0.0114-0.0654i	-0.0769-0.1002i	0.0743-0.1836i
76.2	0.0528+0.5156i	-0.2709-0.5158i	0.3274+0.2158i	-0.5028-0.2672i	0.0039-0.0875i	0.0089-0.0673i	-0.0802-0.0971i	0.0704-0.1869i
76.3	0.0402+0.4935i	-0.2554-0.4953i	0.3049+0.2173i	-0.4990-0.2857i	0.0059-0.0844i	0.0124-0.0632i	-0.0764-0.0998i	0.0763-0.1782i
76.4	0.0879+0.4740i	-0.3174-0.4438i	0.2823+0.2254i	-0.4962-0.2607i	-0.0008-0.0782i	0.0080-0.0576i	-0.0910-0.0919i	0.0637-0.1712i
76.5	0.0957+0.4643i	-0.3410-0.4208i	0.2683+0.2041i	-0.4611-0.2242i	-0.0032-0.0748i	0.0066-0.0547i	-0.0902-0.0847i	0.0576-0.1614i
76.6	0.1385+0.4501i	-0.3724-0.3979i	0.2874+0.2009i	-0.4835-0.2000i	-0.0076-0.0697i	0.0015-0.0538i	-0.0954-0.0767i	0.0491-0.1554i
76.7	0.1529+0.4514i	-0.3891-0.4106i	0.2514+0.2442i	-0.4711-0.2284i	-0.0072-0.0708i	0.0042-0.0546i	-0.1024-0.0870i	0.0513-0.1463i
76.8	0.1688+0.4478i	-0.4090-0.3912i	0.2569+0.2870i	-0.4652-0.2406i	-0.0053-0.0709i	0.0042-0.0536i	-0.1100-0.0937i	0.0602-0.1417i
76.9	0.1784+0.4571i	-0.4387-0.3738i	0.2455+0.2928i	-0.4719-0.2578i	-0.0058-0.0679i	0.0065-0.0533i	-0.1098-0.0911i	0.0634-0.1456i
77.0	0.2019+0.4275i	-0.4435-0.3582i	0.2291+0.2678i	-0.4511-0.2359i	-0.0069-0.0651i	0.0060-0.0509i	-0.1086-0.0838i	0.0565-0.1357i
77.1	0.2370+0.4021i	-0.4596-0.3343i	0.2213+0.2732i	-0.4332-0.2307i	-0.0082-0.0638i	0.0060-0.0504i	-0.1090-0.0838i	0.0530-0.1234i
77.2	0.2173+0.3890i	-0.4478-0.2989i	0.1923+0.2846i	-0.4095-0.2319i	-0.0083-0.0593i	0.0067-0.0459i	-0.1074-0.0786i	0.0529-0.1127i
77.3	0.2226+0.4169i	-0.5019-0.3088i	0.2027+0.3238i	-0.4599-0.2484i	-0.0097-0.0605i	0.0057-0.0472i	-0.1229-0.0806i	0.0646-0.1198i
77.4	0.2401+0.4033i	-0.5261-0.2758i	0.1900+0.3483i	-0.4508-0.2390i	-0.0079-0.0576i	0.0073-0.0477i	-0.1222-0.0817i	0.0680-0.1177i
77.5	0.2927+0.3669i	-0.5571-0.2016i	0.2234+0.3647i	-0.4432-0.2213i	-0.0091-0.0547i	0.0062-0.0488i	-0.1288-0.0763i	0.0665-0.1155i
77.6	0.2865+0.3407i	-0.5415-0.1632i	0.2214+0.3628i	-0.4490-0.2286i	-0.0078-0.0542i	0.0058-0.0493i	-0.1306-0.0723i	0.0683-0.1119i
77.7	0.3042+0.2993i	-0.5411-0.1448i	0.2334+0.3588i	-0.4139-0.2321i	-0.0051-0.0509i	0.0052-0.0462i	-0.1321-0.0663i	0.0788-0.1013i
77.8	0.3252+0.3469i	-0.5925-0.1548i	0.2390+0.4035i	-0.4556-0.2562i	-0.0050-0.0546i	0.0095-0.0494i	-0.1412-0.0704i	0.0889-0.1119i
77.9	0.3259+0.3116i	-0.6009-0.1084i	0.2422+0.4449i	-0.4688-0.2731i	-0.0026-0.0576i	0.0114-0.0534i	-0.1503-0.0722i	0.1013-0.1166i
78.0	0.3449+0.2820i	-0.5776-0.0535i	0.2264+0.4306i	-0.4472-0.2578i	-0.0064-0.0559i	0.0106-0.0527i	-0.1500-0.0695i	0.0943-0.1147i
78.1	0.3503+0.2393i	-0.5895-0.0299i	0.2530+0.4071i	-0.4337-0.2492i	-0.0064-0.0574i	0.0110-0.0539i	-0.1469-0.0692i	0.0960-0.1144i
78.2	0.3320+0.2074i	-0.5607-0.0060i	0.2417+0.4023i	-0.4146-0.2297i	-0.0025-0.0541i	0.0083-0.0526i	-0.1440-0.0611i	0.0989-0.1087i
78.3	0.3055+0.2173i	-0.5593-0.0060i	0.2527+0.4234i	-0.4468-0.2344i	0.0018-0.0564i	0.0137-0.0548i	-0.1484-0.0679i	0.1104-0.1127i
78.4	0.3012+0.1999i	-0.5696+0.0464i	0.2674+0.4433i	-0.4772-0.2333i	-0.0024-0.0591i	0.0113-0.0569i	-0.1577-0.0657i	0.1110-0.1208i
78.5	0.2931+0.1346i	-0.5279+0.1202i	0.2390+0.4601i	-0.4427-0.2351i	-0.0068-0.0555i	0.0070-0.0552i	-0.1678-0.0615i	0.1153-0.1130i
78.6	0.2952+0.1190i	-0.4996+0.1428i	0.2495+0.4635i	-0.4180-0.2343i	-0.0050-0.0543i	0.0069-0.0559i	-0.1683-0.0564i	0.1186-0.1153i
78.7	0.2595+0.1336i	-0.5234+0.1648i	0.2498+0.4948i	-0.4411-0.2243i	-0.0061-0.0560i	0.0070-0.0591i	-0.1796-0.0565i	0.1208-0.1144i
78.8	0.2200+0.1311i	-0.4584+0.2217i	0.2855+0.5144i	-0.4552-0.2007i	-0.0102-0.0490i	0.0013-0.0538i	-0.1865-0.0383i	0.1239-0.1121i
78.9	0.1725+0.1239i	-0.3650+0.2383i	0.2904+0.5155i	-0.3958-0.1992i	-0.0048-0.0440i	0.0010-0.0487i	-0.1847-0.0322i	0.1367-0.1072i
79.0	0.2152+0.1679i	-0.3223+0.1388i	0.3457+0.5280i	-0.3764-0.2524i	0.0091-0.0528i	0.0100-0.0558i	-0.1827-0.0467i	0.1645-0.1213i
79.1	0.2594+0.1661i	-0.3868+0.1094i	0.3725+0.5246i	-0.4350-0.2918i	0.0054-0.0643i	0.0094-0.0655i	-0.2015-0.0513i	0.1652-0.1518i
79.2	0.2751+0.1514i	-0.4747+0.1489i	0.3422+0.5167i	-0.4703-0.2618i	-0.0055-0.0684i	0.0037-0.0694i	-0.2173-0.0470i	0.1536-0.1677i
79.3	0.2383+0.1032i	-0.4597+0.1841i	0.3228+0.5170i	-0.4678-0.2665i	-0.0118-0.0683i	-0.0016-0.0687i	-0.2320-0.0373i	0.1520-0.1677i
79.4	0.2241+0.1100i	-0.4208+0.2108i	0.3347+0.5032i	-0.4650-0.2391i	-0.0124-0.0616i	-0.0054-0.0644i	-0.2286-0.0165i	0.1444-0.1680i
79.5	0.2129+0.1211i	-0.4359+0.2364i	0.3457+0.5188i	-0.4990-0.2288i	-0.0166-0.0616i	-0.0098-0.0657i	-0.2409-0.0037i	0.1433-0.1803i
79.6	0.1975+0.1224i	-0.4276+0.2629i	0.3511+0.5244i	-0.4962-0.2021i	-0.0189-0.0563i	-0.0137-0.0623i	-0.2445+0.0135i	0.1422-0.1837i
79.7	0.1763+0.1090i	-0.3949+0.2519i	0.3709+0.5130i	-0.4793-0.2010i	-0.0205-0.0560i	-0.0163-0.0579i	-0.2437+0.0231i	0.1374-0.1831i
79.8	0.1881+0.1347i	-0.3877+0.2553i	0.4047+0.5074i	-0.4998-0.2048i	-0.0210-0.0536i	-0.0153-0.0546i	-0.2444+0.0413i	0.1402-0.1979i
79.9	0.1826+0.1719i	-0.3468+0.2411i	0.4222+0.5470i	-0.5034-0.1985i	-0.0199-0.0501i	-0.0134-0.0535i	-0.2477+0.0622i	0.1492-0.2136i
80.0	0.1576+0.1350i	-0.2898+0.2923i	0.4295+0.5300i	-0.4578-0.1677i	-0.0171-0.0445i	-0.0152-0.0495i	-0.2356+0.0787i	0.1369-0.2099i

1.1.34 Run 9 – IP270A10 – SF and shaft bending gauges

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0303+0.0000i	0.0742+0.0000i	-0.0631+0.0000i	0.0066+0.0000i	49.1470+0.0000i	-0.5538+0.0000i	5.8189+0.0000i	-1.0953+0.0000i
0.1	0.0287-0.0012i	0.0745+0.0021i	-0.0642-0.0003i	0.0049+0.0019i	49.1924+0.0819i	-0.6419+0.0061i	5.8935-0.0099i	-1.1252+0.0135i
0.2	-0.2839-0.0078i	-0.2836-0.0154i	-0.1896-0.0149i	-0.2149-0.0280i	18.4801+1.3300i	-23.5513-1.6610i	12.2698+0.1892i	-10.3828-0.7402i
0.3	-0.3031+0.0043i	-0.3022+0.0035i	-0.2432-0.0023i	-0.2403-0.0050i	18.7224+0.9237i	-23.0288+0.2790i	11.8219+0.2392i	-9.3714-0.1582i
0.4	-0.2894+0.0072i	-0.2944+0.0113i	-0.2383+0.0039i	-0.2423-0.0011i	17.2947+0.5438i	-21.4919+0.6565i	10.1239-0.0077i	-8.1918-0.0506i
0.5	-0.2899+0.0078i	-0.2931+0.0093i	-0.2347+0.0045i	-0.2410+0.0008i	16.9399+0.7027i	-21.1581+0.6006i	9.7379+0.1385i	-7.9499-0.1033i
0.6	-0.2933+0.0091i	-0.2964+0.0057i	-0.2372+0.0031i	-0.2441+0.0039i	17.5060+0.9769i	-21.5988+0.4457i	10.3262+0.3742i	-8.4130-0.2470i
0.7	-0.2954+0.0127i	-0.2988+0.0125i	-0.2390+0.0071i	-0.2430+0.0054i	17.1913+0.5148i	-21.2726+1.2165i	9.8099-0.2200i	-8.2121+0.2777i
0.8	-0.3095+0.0154i	-0.2927+0.0114i	-0.2349+0.0071i	-0.2441+0.0059i	13.7362+1.4768i	-19.4224+0.8928i	6.6497+0.7096i	-6.5322-0.0226i
0.9	-0.3190+0.0217i	-0.2886+0.0088i	-0.2333+0.0047i	-0.2464+0.0068i	11.3395+3.9199i	-18.5163-0.0374i	4.6347+2.9297i	-5.6255-0.9574i
1.0	-0.3110+0.0167i	-0.3005+0.0114i	-0.2441+0.0064i	-0.2490+0.0069i	17.6765+2.0702i	-22.4937-0.1864i	10.4453+1.4069i	-9.1666-0.8169i
1.1	-0.3066+0.0146i	-0.3129+0.0119i	-0.2512+0.0082i	-0.2536+0.0061i	20.9926+0.2316i	-23.3224+1.0142i	13.0043-0.4343i	-10.1314+0.2853i
1.2	-0.3129+0.0169i	-0.3165+0.0120i	-0.2532+0.0089i	-0.2577+0.0070i	20.5870+0.2784i	-22.7237+1.0404i	12.4862-0.3773i	-9.6611+0.3183i
1.3	-0.3271+0.0238i	-0.3244+0.0129i	-0.2600+0.0119i	-0.2648+0.0101i	20.2588+0.1401i	-22.4304+1.1036i	12.0866-0.4763i	-9.4046+0.3883i
1.4	-0.3378+0.0348i	-0.3314+0.0120i	-0.2655+0.0163i	-0.2705+0.0134i	20.1615+0.0676i	-22.2660+1.0719i	11.9153-0.4817i	-9.2652+0.3696i
1.5	-0.3387+0.0522i	-0.3626+0.0080i	-0.2758+0.0204i	-0.2809+0.0174i	20.1006-0.0486i	-22.2986+1.0856i	11.8058-0.5200i	-9.2462+0.3704i
1.6	-0.3601+0.0401i	-0.4079+0.0396i	-0.2975+0.0268i	-0.3029+0.0231i	20.2294-0.0526i	-22.4922+1.1206i	11.8349-0.5115i	-9.3010+0.3979i
1.7	-0.3965+0.0610i	-0.4162+0.0821i	-0.3125+0.0476i	-0.3179+0.0437i	20.3977-0.2338i	-22.6902+1.4011i	11.9132-0.6236i	-9.3791+0.5356i
1.8	-0.4448+0.1311i	-0.4386+0.1414i	-0.3363+0.0899i	-0.3413+0.0854i	20.6706-0.7001i	-22.9662+2.0017i	12.0197-0.8993i	-9.4786+0.8112i
1.9	-0.4658+0.2363i	-0.4412+0.2255i	-0.3440+0.1524i	-0.3495+0.1469i	20.8281-1.4091i	-23.0058+2.8268i	12.0619-1.3226i	-9.4790+1.1697i
2.0	-0.3433+0.3573i	-0.3238+0.3137i	-0.2652+0.2220i	-0.2735+0.2162i	20.0353-2.2543i	-21.8703+3.7908i	11.5080-1.8082i	-8.9751+1.5915i
2.1	-0.0946+0.2360i	-0.1216+0.1942i	-0.1153+0.1438i	-0.1265+0.1402i	18.3962-1.4955i	-19.6906+2.5311i	10.4667-1.2469i	-7.9784+1.0220i
2.2	-0.0673+0.1465i	-0.1054+0.1155i	-0.1006+0.0873i	-0.1115+0.0860i	18.3484-1.0698i	-19.4186+1.6114i	10.4646-0.9502i	-7.8494+0.6059i
2.3	-0.0814+0.0942i	-0.1230+0.0731i	-0.1112+0.0556i	-0.1212+0.0561i	18.2815-1.1294i	-19.6777+0.9586i	10.4249-0.9463i	-7.9761+0.3032i
2.4	-0.0984+0.0657i	-0.1395+0.0502i	-0.1229+0.0391i	-0.1314+0.0390i	17.9055-0.6964i	-20.1805+0.8878i	10.2560-0.7041i	-8.2591+0.3076i
2.5	-0.1200+0.0489i	-0.1579+0.0366i	-0.1361+0.0296i	-0.1443+0.0285i	18.0706-0.2939i	-20.3608+0.9380i	10.3612-0.4875i	-8.3380+0.3681i
2.6	-0.1365+0.0377i	-0.1726+0.0279i	-0.1463+0.0227i	-0.1547+0.0219i	18.3291-0.1545i	-20.4469+0.8719i	10.5033-0.4039i	-8.3627+0.3460i
2.7	-0.1433+0.0321i	-0.1796+0.0232i	-0.1507+0.0191i	-0.1591+0.0187i	18.4578-0.0980i	-20.4944+0.8237i	10.5640-0.3730i	-8.3761+0.3288i
2.8	-0.1530+0.0279i	-0.1882+0.0203i	-0.1568+0.0169i	-0.1649+0.0165i	18.5953-0.0944i	-20.5690+0.7836i	10.6347-0.3638i	-8.4022+0.3173i
2.9	-0.1623+0.0239i	-0.1959+0.0175i	-0.1626+0.0148i	-0.1706+0.0144i	18.6845-0.1031i	-20.6498+0.7552i	10.6790-0.3717i	-8.4280+0.3161i
3.0	-0.1712+0.0205i	-0.2035+0.0151i	-0.1683+0.0130i	-0.1760+0.0123i	18.7626-0.0685i	-20.7303+0.7056i	10.7234-0.3397i	-8.4574+0.2902i
3.1	-0.1752+0.0180i	-0.2075+0.0131i	-0.1708+0.0115i	-0.1787+0.0109i	18.8287-0.0268i	-20.8095+0.6584i	10.7625-0.3047i	-8.4952+0.2663i
3.2	-0.1786+0.0173i	-0.2106+0.0122i	-0.1728+0.0108i	-0.1810+0.0105i	18.8953-0.0270i	-20.8831+0.6490i	10.8070-0.3049i	-8.5309+0.2702i
3.3	-0.1840+0.0161i	-0.2153+0.0113i	-0.1761+0.0103i	-0.1842+0.0098i	18.9782-0.0257i	-20.9513+0.6292i	10.8519-0.2992i	-8.5553+0.2646i
3.4	-0.1876+0.0142i	-0.2186+0.0102i	-0.1784+0.0091i	-0.1866+0.0089i	19.0416-0.0199i	-21.0067+0.6135i	10.8813-0.2952i	-8.5764+0.2619i
3.5	-0.1909+0.0137i	-0.2215+0.0098i	-0.1807+0.0088i	-0.1887+0.0085i	19.1055+0.0017i	-21.0730+0.6134i	10.9223-0.2798i	-8.6045+0.2608i
3.6	-0.1937+0.0126i	-0.2240+0.0087i	-0.1826+0.0081i	-0.1906+0.0079i	19.2002+0.0185i	-21.1412+0.5853i	10.9855-0.2608i	-8.6411+0.2463i
3.7	-0.1971+0.0114i	-0.2272+0.0083i	-0.1849+0.0077i	-0.1929+0.0074i	19.2815+0.0054i	-21.2264+0.5363i	11.0365-0.2521i	-8.6834+0.2199i
3.8	-0.1996+0.0109i	-0.2295+0.0082i	-0.1867+0.0075i	-0.1947+0.0073i	19.3822-0.0040i	-21.3197+0.5377i	11.1044-0.2571i	-8.7372+0.2251i
3.9	-0.2017+0.0116i	-0.2318+0.0089i	-0.1882+0.0081i	-0.1962+0.0078i	19.4480-0.0279i	-21.3907+0.5638i	11.1490-0.2795i	-8.7696+0.2474i
4.0	-0.2030+0.0111i	-0.2334+0.0084i	-0.1893+0.0077i	-0.1971+0.0075i	19.5014-0.0235i	-21.4593+0.5460i	11.1875-0.2725i	-8.8021+0.2427i
4.1	-0.2050+0.0104i	-0.2355+0.0078i	-0.1910+0.0072i	-0.1987+0.0072i	19.5741-0.0318i	-21.5218+0.5519i	11.2245-0.2821i	-8.8262+0.2491i
4.2	-0.2070+0.0105i	-0.2376+0.0078i	-0.1924+0.0072i	-0.2002+0.0071i	19.6406-0.0408i	-21.5791+0.5471i	11.2631-0.2772i	-8.8520+0.2412i
4.3	-0.2093+0.0097i	-0.2398+0.0071i	-0.1939+0.0067i	-0.2019+0.0067i	19.7203-0.0298i	-21.6611+0.5416i	11.3160-0.2753i	-8.8948+0.2429i
4.4	-0.2114+0.0092i	-0.2420+0.0071i	-0.1955+0.0067i	-0.2033+0.0065i	19.7924-0.0314i	-21.7212+0.5262i	11.3574-0.2687i	-8.9191+0.2362i
4.5	-0.2139+0.0089i	-0.2441+0.0069i	-0.1971+0.0066i	-0.2050+0.0065i	19.8676-0.0333i	-21.8082+0.5179i	11.4039-0.2660i	-8.9597+0.2351i
4.6	-0.2160+0.0084i	-0.2463+0.0062i	-0.1987+0.0059i	-0.2066+0.0060i	19.9589-0.0250i	-21.8975+0.5150i	11.4617-0.2702i	-9.0035+0.2396i
4.7	-0.2177+0.0086i	-0.2486+0.0065i	-0.2003+0.0062i	-0.2080+0.0062i	20.0489-0.0381i	-21.9787+0.5124i	11.5226-0.2752i	-9.0404+0.2382i
4.8	-0.2198+0.0076i	-0.2505+0.0064i	-0.2017+0.0060i	-0.2096+0.0060i	20.1301-0.0475i	-22.0838+0.4844i	11.5876-0.2671i	-9.1001+0.2233i
4.9	-0.2218+0.0076i	-0.2527+0.0068i	-0.2031+0.0062i	-0.2113+0.0061i	20.2075-0.0654i	-22.1838+0.4845i	11.6397-0.2665i	-9.1491+0.2214i
5.0	-0.2240+0.0079i	-0.2553+0.0069i	-0.2050+0.0065i	-0.2132+0.0064i	20.3239-0.0717i	-22.2714+0.4973i	11.7089-0.2789i	-9.1874+0.2359i
5.1	-0.2261+0.0080i	-0.2570+0.0069i	-0.2066+0.0062i	-0.2145+0.0065i	20.4285-0.0567i	-22.3658+0.5051i	11.7811-0.2809i	-9.2350+0.2435i
5.2	-0.2287+0.0080i	-0.2595+0.0077i	-0.2082+0.0068i	-0.2162+0.0066i	20.5063-0.0958i	-22.4537+0.5113i	11.8292-0.3090i	-9.2693+0.2410i
5.3	-0.2308+0.0087i	-0.2613+0.0085i	-0.2096+0.0074i	-0.2177+0.0071i	20.5924-0.0981i	-22.5742+0.5148i	11.8900-0.3052i	-9.3307+0.2464i
5.4	-0.2320+0.0093i	-0.2625+0.0089i	-0.2110+0.0077i	-0.2187+0.0072i	20.6951-0.0889i	-22.6822+0.5314i	11.9721-0.2983i	-9.3886+0.2598i
5.5	-0.2340+0.0095i	-0.2641+0.0092i	-0.2122+0.0077i	-0.2202+0.0075i	20.7870-0.1128i	-22.7986+0.5439i	12.0484-0.3124i	-9.4521+0.2665i
5.6	-0.2360+0.0102i	-0.2666+0.0101i	-0.2136+0.0083i	-0.2219+0.0081i	20.8976-0.1191i	-22.8910+0.5365i	12.1035-0.3146i	-9.4935+0.2585i

5.7	-0.2369+0.0112i	-0.2685+0.0111i	-0.2154+0.0089i	-0.2227+0.0089i	21.0616-0.1532i	-22.9879+0.5294i	12.1977-0.3257i	-9.5356+0.2515i
5.8	-0.2378+0.0122i	-0.2698+0.0114i	-0.2164+0.0093i	-0.2237+0.0093i	21.1650-0.1417i	-23.0911+0.5401i	12.2717-0.3218i	-9.5840+0.2568i
5.9	-0.2393+0.0117i	-0.2703+0.0109i	-0.2168+0.0086i	-0.2247+0.0092i	21.2273-0.1167i	-23.2015+0.5657i	12.3213-0.3142i	-9.6416+0.2738i
6.0	-0.2395+0.0114i	-0.2710+0.0111i	-0.2175+0.0088i	-0.2252+0.0093i	21.3525-0.1308i	-23.3020+0.5657i	12.4027-0.3283i	-9.6907+0.2746i
6.1	-0.2411+0.0110i	-0.2730+0.0113i	-0.2195+0.0088i	-0.2267+0.0090i	21.4960-0.1617i	-23.4221+0.5422i	12.5087-0.3369i	-9.7542+0.2580i
6.2	-0.2427+0.0099i	-0.2752+0.0102i	-0.2212+0.0080i	-0.2282+0.0084i	21.6373-0.1313i	-23.5317+0.5070i	12.5944-0.3088i	-9.8041+0.2434i
6.3	-0.2436+0.0096i	-0.2774+0.0097i	-0.2224+0.0082i	-0.2293+0.0083i	21.8234-0.1355i	-23.6258+0.5208i	12.6962-0.3222i	-9.8360+0.2602i
6.4	-0.2454+0.0099i	-0.2794+0.0110i	-0.2241+0.0090i	-0.2308+0.0088i	21.9907-0.2354i	-23.7634+0.5293i	12.8149-0.3743i	-9.9085+0.2577i
6.5	-0.2482+0.0086i	-0.2798+0.0100i	-0.2250+0.0082i	-0.2320+0.0079i	22.0541-0.2364i	-23.9354+0.4916i	12.8878-0.3624i	-10.0103+0.2328i
6.6	-0.2508+0.0079i	-0.2832+0.0097i	-0.2277+0.0077i	-0.2340+0.0073i	22.2552-0.2266i	-23.9969+0.4852i	13.0054-0.3704i	-10.0227+0.2341i
6.7	-0.2531+0.0081i	-0.2864+0.0103i	-0.2303+0.0085i	-0.2355+0.0071i	22.5303-0.3481i	-24.0696+0.4340i	13.1519-0.4381i	-10.0391+0.1911i
6.8	-0.2549+0.0074i	-0.2886+0.0097i	-0.2325+0.0096i	-0.2369+0.0056i	22.7520-0.5571i	-24.1791+0.2864i	13.2926-0.5498i	-10.0812+0.0932i
6.9	-0.2574+0.0075i	-0.2916+0.0101i	-0.2341+0.0109i	-0.2399+0.0045i	22.7557-0.8410i	-24.4635+0.1421i	13.3210-0.6871i	-10.2437-0.0103i
7.0	-0.2601+0.0083i	-0.2948+0.0105i	-0.2339+0.0111i	-0.2447+0.0050i	22.4690-0.8663i	-24.9412+0.1435i	13.2026-0.7072i	-10.5408-0.0008i
7.1	-0.2620+0.0079i	-0.2966+0.0110i	-0.2342+0.0103i	-0.2474+0.0062i	22.3882-0.6978i	-25.2205+0.2857i	13.1855-0.6329i	-10.7102+0.0971i
7.2	-0.2649+0.0075i	-0.2999+0.0100i	-0.2367+0.0082i	-0.2499+0.0070i	22.6388-0.3886i	-25.4160+0.4376i	13.3603-0.4760i	-10.8029+0.1996i
7.3	-0.2674+0.0076i	-0.3017+0.0115i	-0.2383+0.0088i	-0.2511+0.0080i	22.7733-0.4190i	-25.5539+0.4922i	13.4665-0.4828i	-10.8741+0.2236i
7.4	-0.2706+0.0079i	-0.3039+0.0138i	-0.2407+0.0101i	-0.2529+0.0092i	23.0172-0.5010i	-25.7045+0.5609i	13.6163-0.5230i	-10.9499+0.2531i
7.5	-0.2737+0.0079i	-0.3083+0.0129i	-0.2441+0.0094i	-0.2557+0.0092i	23.3097-0.3614i	-25.9186+0.6020i	13.8259-0.4640i	-11.0466+0.2927i
7.6	-0.2760+0.0075i	-0.3098+0.0118i	-0.2455+0.0086i	-0.2573+0.0085i	23.4358-0.3039i	-26.0589+0.5800i	13.9392-0.4198i	-11.1250+0.2832i
7.7	-0.2796+0.0082i	-0.3125+0.0148i	-0.2481+0.0103i	-0.2596+0.0101i	23.6822-0.5433i	-26.2393+0.6024i	14.0844-0.5390i	-11.2138+0.2791i
7.8	-0.2820+0.0073i	-0.3151+0.0160i	-0.2506+0.0111i	-0.2618+0.0103i	23.8962-0.6721i	-26.4414+0.6521i	14.2311-0.6461i	-11.3166+0.3006i
7.9	-0.2857+0.0064i	-0.3188+0.0134i	-0.2534+0.0098i	-0.2648+0.0092i	24.1243-0.5910i	-26.7465+0.6861i	14.4127-0.6300i	-11.4902+0.3509i
8.0	-0.2891+0.0065i	-0.3222+0.0130i	-0.2556+0.0088i	-0.2672+0.0095i	24.2817-0.5610i	-26.8670+0.7351i	14.4817-0.6460i	-11.5278+0.4005i
8.1	-0.2925+0.0066i	-0.3265+0.0142i	-0.2587+0.0095i	-0.2701+0.0101i	24.4783-0.6216i	-27.1041+0.7059i	14.6274-0.6566i	-11.6462+0.3523i
8.2	-0.2956+0.0063i	-0.3305+0.0150i	-0.2619+0.0101i	-0.2733+0.0103i	24.7462-0.7161i	-27.4052+0.7012i	14.8290-0.6950i	-11.8133+0.3382i
8.3	-0.3003+0.0068i	-0.3355+0.0160i	-0.2658+0.0108i	-0.2774+0.0109i	25.0844-0.8118i	-27.7636+0.8270i	15.0655-0.7936i	-12.0055+0.4284i
8.4	-0.3041+0.0070i	-0.3399+0.0160i	-0.2694+0.0110i	-0.2805+0.0108i	25.3676-0.8375i	-27.9842+0.9008i	15.2507-0.8293i	-12.1075+0.4834i
8.5	-0.3085+0.0078i	-0.3435+0.0165i	-0.2725+0.0109i	-0.2837+0.0115i	25.6196-0.9280i	-28.1867+1.0062i	15.4181-0.9172i	-12.1980+0.5654i
8.6	-0.3132+0.0086i	-0.3466+0.0174i	-0.2749+0.0118i	-0.2872+0.0126i	25.7476-1.1301i	-28.4197+1.2111i	15.5244-1.1069i	-12.3230+0.7189i
8.7	-0.3183+0.0085i	-0.3492+0.0182i	-0.2772+0.0125i	-0.2896+0.0131i	25.6795-1.3512i	-28.4429+1.3055i	15.4399-1.2849i	-12.2936+0.7876i
8.8	-0.3229+0.0086i	-0.3519+0.0178i	-0.2795+0.0118i	-0.2921+0.0129i	25.6497-1.3327i	-28.4140+1.1515i	15.3378-1.2379i	-12.2192+0.6773i
8.9	-0.3275+0.0100i	-0.3578+0.0185i	-0.2845+0.0121i	-0.2964+0.0138i	25.9804-1.2544i	-28.7235+0.9893i	15.5432-1.1281i	-12.3520+0.5501i
9.0	-0.3329+0.0119i	-0.3629+0.0186i	-0.2891+0.0128i	-0.3002+0.0147i	26.1257-1.3621i	-29.1801+0.8464i	15.7031-1.1151i	-12.6128+0.4215i
9.1	-0.3392+0.0118i	-0.3703+0.0170i	-0.2941+0.0117i	-0.3059+0.0145i	26.4398-1.1729i	-29.6861+0.7331i	15.9593-0.9989i	-12.8830+0.3612i
9.2	-0.3447+0.0128i	-0.3750+0.0183i	-0.2977+0.0127i	-0.3098+0.0153i	26.6429-1.2353i	-30.0414+0.7807i	16.1245-1.0576i	-13.0832+0.3949i
9.3	-0.3510+0.0158i	-0.3792+0.0219i	-0.3023+0.0153i	-0.3130+0.0180i	26.7431-1.5793i	-30.4483+0.7942i	16.2061-1.2379i	-13.3126+0.3620i
9.4	-0.3573+0.0175i	-0.3837+0.0236i	-0.3067+0.0173i	-0.3167+0.0187i	26.6561-1.5490i	-30.9487+0.9086i	16.2283-1.2341i	-13.6027+0.4194i
9.5	-0.3650+0.0191i	-0.3940+0.0242i	-0.3142+0.0181i	-0.3233+0.0191i	27.0907-1.3535i	-31.5569+1.0100i	16.5164-1.1166i	-13.9135+0.4858i
9.6	-0.3724+0.0227i	-0.4019+0.0272i	-0.3197+0.0199i	-0.3296+0.0214i	27.5550-1.2855i	-31.9970+1.2155i	16.8237-1.1153i	-14.1422+0.6254i
9.7	-0.3785+0.0255i	-0.4082+0.0291i	-0.3245+0.0213i	-0.3346+0.0230i	27.8573-1.1697i	-32.3208+1.3100i	17.0420-1.0670i	-14.2959+0.7007i
9.8	-0.3837+0.0307i	-0.4137+0.0342i	-0.3289+0.0256i	-0.3392+0.0263i	28.0475-1.2460i	-32.5902+1.4262i	17.1852-1.1117i	-14.4209+0.7440i
9.9	-0.3889+0.0376i	-0.4200+0.0405i	-0.3338+0.0308i	-0.3437+0.0310i	28.4165-1.4649i	-32.9063+1.5952i	17.3828-1.2306i	-14.5524+0.7961i
10.0	-0.3951+0.0445i	-0.4293+0.0467i	-0.3404+0.0348i	-0.3502+0.0354i	29.0998-1.4535i	-33.5096+1.7893i	17.8485-1.2328i	-14.8537+0.9037i
10.1	-0.4005+0.0479i	-0.4363+0.0501i	-0.3461+0.0369i	-0.3557+0.0374i	29.6011-1.2359i	-34.1402+1.7897i	18.2380-1.1282i	-15.1854+0.9342i
10.2	-0.4035+0.0518i	-0.4412+0.0526i	-0.3497+0.0397i	-0.3599+0.0401i	30.0914-1.3302i	-34.6883+2.0081i	18.5550-1.2544i	-15.4826+1.0913i
10.3	-0.4050+0.0599i	-0.4390+0.0606i	-0.3494+0.0468i	-0.3609+0.0459i	30.1588-1.8893i	-34.9872+2.3611i	18.5886-1.6005i	-15.6420+1.2442i
10.4	-0.4073+0.0642i	-0.4420+0.0642i	-0.3518+0.0498i	-0.3638+0.0486i	30.3580-2.0286i	-35.4134+2.4685i	18.7523-1.6576i	-15.8435+1.2698i
10.5	-0.4092+0.0681i	-0.4432+0.0647i	-0.3516+0.0507i	-0.3657+0.0504i	30.2344-1.8605i	-35.8071+2.5940i	18.7401-1.5722i	-16.0612+1.3429i
10.6	-0.4133+0.0709i	-0.4479+0.0654i	-0.3564+0.0516i	-0.3701+0.0518i	30.6192-1.6054i	-36.4900+2.6543i	19.0480-1.4040i	-16.4192+1.3781i
10.7	-0.4164+0.0732i	-0.4530+0.0655i	-0.3610+0.0520i	-0.3740+0.0534i	31.0850-1.4209i	-37.1744+2.8064i	19.4448-1.3065i	-16.7873+1.4782i
10.8	-0.4172+0.0789i	-0.4523+0.0679i	-0.3606+0.0558i	-0.3743+0.0562i	30.9895-1.5633i	-37.5359+3.1578i	19.4392-1.3993i	-17.0086+1.6565i
10.9	-0.4225+0.0826i	-0.4614+0.0644i	-0.3671+0.0557i	-0.3807+0.0565i	31.5148-1.1064i	-38.3021+3.3920i	19.7759-1.1740i	-17.3640+1.7967i
11.0	-0.4198+0.0858i	-0.4652+0.0598i	-0.3677+0.0550i	-0.3815+0.0560i	31.6151-0.6519i	-38.6702+3.5650i	19.8989-0.9064i	-17.5666+1.9111i
11.1	-0.4207+0.0878i	-0.4750+0.0545i	-0.3727+0.0539i	-0.3869+0.0552i	32.1825-0.1241i	-39.3611+4.0073i	20.2960-0.6562i	-17.9063+2.1771i
11.2	-0.4214+0.0873i	-0.4859+0.0481i	-0.3775+0.0509i	-0.3924+0.0532i	32.6973+0.7199i	-39.9599+4.2247i	20.6505-0.1687i	-18.2144+2.3329i
11.3	-0.4185+0.0851i	-0.5041+0.0497i	-0.3833+0.0506i	-0.3991+0.0531i	33.8547+1.6504i	-40.2207+4.8282i	21.3867+0.3464i	-18.3236+2.6595i
11.4	-0.4163+0.0751i	-0.5205+0.0560i	-0.3897+0.0499i	-0.4046+0.0523i	35.2577+2.0999i	-40.2870+5.3050i	22.2160+0.5969i	-18.3186+2.8961i
11.5	-0.4185+0.0619i	-0.5382+0.0632i	-0.3990+0.0479i	-0.4131+0.0506i	37.3330+2.6153i	-40.4645+5.2937i	23.4798+0.9515i	-18.3485+2.8435i
11.6	-0.4367+0.0411i	-0.5545+0.0750i	-0.4136+0.0437i	-0.4270+0.0479i	40.2089+2.3206i	-41.0356+4.8346i	25.3533+0.8336i	-18.6120+2.5775i
11.7	-0.4572+0.0342i	-0.5660+0.0828i	-0.4272+0.0453i	-0.4401+0.0493i	42.1564+1.3479i	-41.9845+4.6867i	26.6326+0.2438i	-19.1218+2.4610i
11.8	-0.4828+0.0321i	-0.5733+0.0922i	-0.4409+0.0494i	-0.4536+0.0521i	43.6498-0.1703i	-43.2046+4.4833i	27.7086-0.6856i	-19.8197+2.3010i
11.9	-0.5065+0.0324i	-0.5818+0.0907i	-0.4537+0.0488i	-0.4668+0.0519i	44.6459-1.1268i	-44.6119+4.2681i	28.5366-1.3238i	-20.6392+2.2256i

12.0	-0.5383+0.0457i	-0.6060+0.0963i	-0.4768+0.0578i	-0.4891+0.0600i	46.2103-2.7596i	-47.2061+5.3238i	29.8018-2.5235i	-22.0916+2.9004i
12.1	-0.5612+0.0563i	-0.6244+0.1057i	-0.4930+0.0671i	-0.5061+0.0687i	47.3613-4.0579i	-49.0423+6.7149i	30.7999-3.6288i	-23.1349+3.8068i
12.2	-0.5692+0.0753i	-0.6362+0.1202i	-0.4994+0.0825i	-0.5138+0.0829i	47.2027-5.7597i	-49.4470+8.9377i	30.6512-5.1560i	-23.2814+5.2133i
12.3	-0.5666+0.0867i	-0.6415+0.1340i	-0.4971+0.0932i	-0.5134+0.0942i	45.8884-6.5877i	-47.9151+10.8445i	29.3097-6.0575i	-22.1564+6.4739i
12.4	-0.5763+0.0885i	-0.6510+0.1419i	-0.5034+0.0961i	-0.5201+0.0977i	45.9151-6.4902i	-46.9483+10.9035i	28.8744-5.9445i	-21.3029+6.4755i
12.5	-0.5951+0.0931i	-0.6650+0.1544i	-0.5160+0.1014i	-0.5328+0.1032i	46.6969-6.5398i	-47.0292+10.1878i	29.1930-5.7163i	-21.0871+5.8597i
12.6	-0.6226+0.0936i	-0.6842+0.1584i	-0.5341+0.1004i	-0.5523+0.1029i	48.1861-5.8886i	-48.3142+8.8107i	30.1493-4.9718i	-21.6543+4.9309i
12.7	-0.6387+0.0971i	-0.6920+0.1654i	-0.5436+0.1033i	-0.5627+0.1061i	48.9315-5.7606i	-49.3595+8.0829i	30.7063-4.6685i	-22.2122+4.4247i
12.8	-0.6565+0.1115i	-0.7022+0.1806i	-0.5566+0.1150i	-0.5758+0.1176i	50.4443-6.4584i	-51.0316+8.2583i	31.8074-5.0204i	-23.1060+4.3834i
12.9	-0.6696+0.1172i	-0.7085+0.1866i	-0.5659+0.1185i	-0.5853+0.1214i	51.5863-6.3454i	-52.4266+8.2028i	32.6554-4.8968i	-23.8518+4.2966i
13.0	-0.6884+0.1167i	-0.7195+0.1814i	-0.5793+0.1158i	-0.5992+0.1192i	53.0842-6.1715i	-54.1784+7.8977i	33.7490-4.7040i	-24.7753+4.1103i
13.1	-0.7181+0.1279i	-0.7488+0.1883i	-0.6041+0.1245i	-0.6245+0.1280i	55.7657-7.1730i	-56.6475+8.8390i	35.5561-5.4377i	-26.0055+4.5707i
13.2	-0.7514+0.1339i	-0.7839+0.1874i	-0.6330+0.1278i	-0.6531+0.1316i	58.3757-7.7100i	-59.4206+9.2317i	37.4093-5.7659i	-27.4068+4.7258i
13.3	-0.7845+0.1434i	-0.8120+0.1932i	-0.6568+0.1347i	-0.6785+0.1388i	60.0735-8.7193i	-61.6164+9.7801i	38.7252-6.3882i	-28.5689+4.9648i
13.4	-0.8229+0.1568i	-0.8511+0.2018i	-0.6879+0.1444i	-0.7108+0.1485i	62.6723-9.5248i	-64.3173+10.7628i	40.5131-6.9524i	-29.9356+5.4697i
13.5	-0.8568+0.1540i	-0.8874+0.1940i	-0.7151+0.1396i	-0.7397+0.1445i	64.6374-8.5988i	-66.7255+10.5527i	41.8607-6.3930i	-31.1677+5.4304i
13.6	-0.9079+0.1876i	-0.9417+0.2235i	-0.7569+0.1659i	-0.7831+0.1713i	68.1418-11.0134i	-70.2222+12.4352i	44.3189-8.0448i	-32.9066+6.2882i
13.7	-0.9503+0.2135i	-0.9872+0.2482i	-0.7931+0.1859i	-0.8199+0.1926i	71.4754-12.6965i	-73.2729+14.0539i	46.5749-9.1734i	-34.4047+7.1001i
13.8	-0.9893+0.2571i	-1.0281+0.2956i	-0.8248+0.2247i	-0.8536+0.2316i	73.9408-16.5638i	-76.2705+16.9230i	48.4145-11.6835i	-35.9696+8.4119i
13.9	-1.0295+0.2679i	-1.0715+0.3064i	-0.8575+0.2319i	-0.8875+0.2408i	76.6997-16.8395i	-79.0434+17.8767i	50.3246-11.9397i	-37.3733+8.9602i
14.0	-1.0962+0.3274i	-1.1479+0.3683i	-0.9157+0.2807i	-0.9462+0.2923i	81.8823-21.1169i	-83.5875+21.7944i	53.7713-14.8628i	-39.5544+10.8497i
14.1	-1.1625+0.3821i	-1.2173+0.4241i	-0.9685+0.3262i	-1.0012+0.3398i	86.1885-25.2612i	-88.1438+24.9978i	56.7653-17.6505i	-41.8417+12.3701i
14.2	-1.2071+0.4329i	-1.2631+0.4733i	-1.0023+0.3655i	-1.0373+0.3814i	88.3191-28.4114i	-91.5288+27.8237i	58.3624-19.8207i	-43.6808+13.7393i
14.3	-1.2508+0.4972i	-1.3074+0.5399i	-1.0368+0.4168i	-1.0715+0.4354i	90.6372-32.6885i	-94.6893+31.8519i	60.0429-22.6978i	-45.3658+15.7052i
14.4	-1.3588+0.5895i	-1.4201+0.6396i	-1.1271+0.4908i	-1.1608+0.5150i	97.9643-38.1577i	-102.3188+37.6128i	65.2023-26.4717i	-49.1717+18.5827i
14.5	-1.3921+0.7105i	-1.4612+0.7617i	-1.1564+0.5875i	-1.1895+0.6160i	100.2060-46.1448i	-105.2881+44.9518i	66.8062-31.9189i	-50.7356+22.1653i
14.6	-1.4492+0.8655i	-1.5289+0.9148i	-1.2069+0.7046i	-1.2401+0.7432i	104.0927-53.9716i	-111.0525+54.2496i	69.5856-37.5214i	-53.8038+26.9528i
14.7	-1.4089+0.9790i	-1.4836+1.0394i	-1.1729+0.7982i	-1.2031+0.8414i	101.2016-61.8873i	-109.2993+61.4345i	67.7104-42.8963i	-53.0787+30.4302i
14.8	-1.3227+1.0756i	-1.3959+1.1591i	-1.1135+0.8864i	-1.1269+0.9298i	96.8644-68.5487i	-106.7526+69.4129i	64.9661-47.8127i	-52.0280+34.5433i
14.9	-1.3172+1.1311i	-1.3786+1.2366i	-1.1106+0.9458i	-1.1181+0.9814i	97.5756-73.0812i	-109.2321+75.0424i	65.6851-51.1253i	-53.5142+37.4547i
15.0	-1.4515+1.1520i	-1.4910+1.2351i	-1.2127+0.9583i	-1.2212+0.9894i	107.2717-73.9087i	-118.8552+78.8699i	72.4376-51.9791i	-58.3052+39.6719i
15.1	-1.6109+1.2764i	-1.6756+1.3293i	-1.3479+1.0538i	-1.3589+1.0802i	116.8971-82.4946i	-129.8850+89.0046i	79.2047-58.1026i	-63.9454+44.8988i
15.2	-1.7316+1.4934i	-1.8182+1.5579i	-1.4455+1.2387i	-1.4658+1.2611i	122.5369-95.9985i	-137.9261+106.3082i	83.2558-67.8162i	-68.2059+53.9472i
15.3	-1.7996+1.9375i	-1.8939+2.0175i	-1.4923+1.6055i	-1.5218+1.6283i	124.3377-125.7812i	-142.4873+137.5452i	84.4529-88.7351i	-70.7287+69.6733i
15.4	-1.8201+2.4815i	-1.9206+2.5923i	-1.5066+2.0544i	-1.5355+2.0829i	125.6640-161.0335i	-143.5299+175.9414i	85.4014-113.4691i	-71.2731+89.1572i
15.5	-1.4637+3.3185i	-1.5605+3.4690i	-1.2132+2.7373i	-1.2412+2.7789i	104.7872-214.4642i	-117.9639+234.4145i	70.3380-150.6670i	-58.0243+118.8375i
15.6	-0.5229+3.8278i	-0.5864+4.0177i	-0.4384+3.1556i	-0.4587+3.2039i	43.6690-249.5932i	-52.6031+269.2669i	27.4684-174.6887i	-25.0625+136.1857i
15.7	0.7247+3.4917i	0.7228+3.6778i	0.5865+2.8731i	0.5814+2.9238i	-38.1442-227.6640i	34.5319+245.8601i	-29.6078-159.0822i	18.8703+124.3723i
15.8	1.2524+3.1097i	1.2723+3.2785i	1.0114+2.5508i	1.0165+2.6036i	-68.6904-200.6833i	70.8065+219.2919i	-51.1515-140.1095i	37.5205+111.0989i
15.9	1.8018+2.4370i	1.8486+2.5963i	1.4550+2.0088i	1.4704+2.0510i	-101.9514-162.9786i	109.0723+172.3418i	-74.2713-113.0555i	57.0421+86.7387i
16.0	1.7388+1.8686i	1.7834+2.0038i	1.3960+1.5438i	1.4139+1.5790i	-94.9001-124.8103i	104.8473+134.5130i	-69.4782-86.8812i	55.2430+67.9744i
16.1	1.6399+1.5834i	1.6787+1.7052i	1.3093+1.3121i	1.3279+1.3434i	-86.1025-107.4440i	97.3894+115.5180i	-63.5004-74.8274i	51.6440+58.4042i
16.2	1.5323+1.2997i	1.5734+1.4136i	1.2234+1.0844i	1.2399+1.1119i	-81.1093-90.8505i	89.0852+97.5010i	-59.7038-63.3023i	47.1612+49.3444i
16.3	1.4318+1.1108i	1.4782+1.2225i	1.1420+0.9352i	1.1590+0.9602i	-73.3745-82.7765i	83.0874+84.7126i	-54.4539-57.4507i	44.3333+42.5653i
16.4	1.3306+1.0050i	1.3828+1.1145i	1.0630+0.8517i	1.0793+0.8757i	-67.3127-80.1194i	76.7019+76.7850i	-50.1802-55.2211i	41.1254+38.1200i
16.5	1.2381+0.9098i	1.2930+1.0150i	0.9917+0.7771i	1.0067+0.8002i	-65.0297-78.3467i	69.7055+69.9387i	-48.2569-53.6460i	37.2019+34.2512i
16.6	1.2033+0.8897i	1.2631+0.9928i	0.9660+0.7616i	0.9832+0.7845i	-68.2841-77.9480i	66.1513+70.4071i	-50.0391-53.5547i	34.7864+34.6377i
16.7	1.1344+0.8574i	1.1936+0.9565i	0.9129+0.7355i	0.9309+0.7562i	-68.0612-72.2418i	61.3699+71.2672i	-49.5433-50.1716i	31.9991+35.7606i
16.8	1.1375+0.7823i	1.2048+0.8755i	0.9228+0.6729i	0.9392+0.6898i	-71.4068-62.0572i	63.9363+68.6884i	-51.8443-43.6120i	33.2606+35.2221i
16.9	1.1606+0.6598i	1.2336+0.7423i	0.9435+0.5701i	0.9592+0.5846i	-72.3715-54.4606i	67.2620+58.8040i	-52.7565-38.2012i	35.1992+30.0384i
17.0	1.1072+0.6135i	1.1777+0.6900i	0.8992+0.5301i	0.9139+0.5451i	-70.5826-50.9371i	63.1406+55.9641i	-51.3206-35.8682i	32.9422+28.7135i
17.1	1.1077+0.5913i	1.1785+0.6636i	0.9000+0.5082i	0.9176+0.5260i	-71.6977-42.9369i	65.4058+58.4891i	-52.2064-31.2133i	34.2609+31.0221i
17.2	1.1039+0.4872i	1.1773+0.5493i	0.8956+0.4186i	0.9161+0.4313i	-63.7099-34.2708i	70.9385+48.2785i	-47.7462-25.0269i	38.3830+25.7246i
17.3	1.0460+0.4029i	1.1163+0.4574i	0.8467+0.3497i	0.8643+0.3569i	-56.9649-32.1365i	67.0306+38.3559i	-43.2613-22.9059i	36.6823+19.9580i
17.4	0.9844+0.3503i	1.0486+0.4002i	0.7948+0.3072i	0.8090+0.3133i	-54.7894-30.5902i	59.7788+33.6653i	-41.3298-21.5693i	32.5444+17.3078i
17.5	0.9354+0.3252i	0.9959+0.3718i	0.7534+0.2863i	0.7662+0.2926i	-51.1236-28.5900i	56.0628+32.7958i	-38.7762-20.3030i	30.6864+17.0098i
17.6	0.9068+0.3075i	0.9650+0.3528i	0.7288+0.2727i	0.7415+0.2782i	-49.3930-29.3913i	53.4581+30.8799i	-37.5098-20.6565i	29.2972+15.7962i
17.7	0.8629+0.2707i	0.9166+0.3148i	0.6921+0.2455i	0.7025+0.2488i	-48.7992-28.4965i	48.5406+28.6713i	-36.7986-19.8798i	26.4249+14.5694i
17.8	0.8284+0.2556i	0.8789+0.2997i	0.6643+0.2346i	0.6723+0.2382i	-46.9940-26.6202i	46.2940+29.5759i	-35.5122-18.8184i	25.2648+15.3202i
17.9	0.8142+0.2432i	0.8641+0.2893i	0.6544+0.2265i	0.6610+0.2307i	-47.5809-26.5454i	45.6902+29.9749i	-35.8941-18.8636i	24.8812+15.6054i
18.0	0.7939+0.2276i	0.8421+0.2725i	0.6395+0.2133i	0.6448+0.2180i	-46.4757-26.4221i	45.7398+28.4677i	-35.2941-18.6901i	25.0614+14.7410i
18.1	0.7795+0.1992i	0.8280+0.2427i	0.6295+0.1895i	0.6333+0.1954i	-46.4800-24.0276i	45.4330+26.8659i	-35.2866-17.1184i	24.8979+14.0107i
18.2	0.7568+0.1775i	0.8064+0.2196i	0.6123+0.1705i	0.6162+0.1787i	-46.2099-21.7311i	44.2301+25.7069i	-35.0514-15.5851i	24.2301+13.5399i

18.3	0.7345+0.1601i	0.7843+0.2001i	0.5949+0.1546i	0.5990+0.1636i	-44.5420-19.3400i	43.6798+24.4106i	-33.9765-13.9794i	24.0709+12.9941i
18.4	0.7152+0.1462i	0.7651+0.1849i	0.5792+0.1413i	0.5832+0.1514i	-43.4930-17.6504i	42.1407+22.9314i	-33.1764-12.8499i	23.2601+12.2639i
18.5	0.6921+0.1380i	0.7406+0.1764i	0.5579+0.1332i	0.5643+0.1460i	-41.5656-16.1837i	40.1839+22.9523i	-31.8154-11.9195i	22.2902+12.4289i
18.6	0.6767+0.1276i	0.7233+0.1672i	0.5417+0.1275i	0.5534+0.1392i	-39.0116-15.5409i	40.2988+23.8689i	-30.2727-11.6123i	22.6487+13.0745i
18.7	0.6540+0.1114i	0.7025+0.1523i	0.5265+0.1186i	0.5383+0.1250i	-37.3047-16.1822i	41.5644+22.4004i	-29.4205-11.9463i	23.6393+12.1218i
18.8	0.6494+0.0930i	0.7014+0.1333i	0.5260+0.1040i	0.5361+0.1088i	-38.6696-15.5150i	41.9503+20.2883i	-30.3374-11.3199i	23.7749+10.8942i
18.9	0.6247+0.0768i	0.6766+0.1148i	0.5079+0.0887i	0.5165+0.0926i	-37.3739-13.7399i	41.3578+17.5158i	-29.4999-9.9711i	23.5820+9.3770i
19.0	0.6067+0.0659i	0.6576+0.1018i	0.4940+0.0786i	0.5011+0.0816i	-35.9051-12.6208i	40.5539+15.5597i	-28.5046-9.0894i	23.2375+8.3039i
19.1	0.5894+0.0598i	0.6406+0.0950i	0.4799+0.0721i	0.4858+0.0754i	-34.7691-11.7401i	39.0384+13.8875i	-27.6707-8.4102i	22.4418+7.3511i
19.2	0.5785+0.0450i	0.6308+0.0787i	0.4708+0.0593i	0.4766+0.0625i	-34.1269-10.4302i	37.6624+12.3660i	-27.1727-7.4625i	21.6656+6.5410i
19.3	0.5706+0.0320i	0.6226+0.0657i	0.4637+0.0487i	0.4683+0.0522i	-33.8232-9.6591i	36.2674+11.1985i	-26.8684-6.8919i	20.8612+5.9192i
19.4	0.5489+0.0301i	0.6006+0.0626i	0.4465+0.0456i	0.4498+0.0497i	-32.2582-9.1951i	34.5538+10.6523i	-25.7786-6.5531i	19.9938+5.6320i
19.5	0.5301+0.0212i	0.5840+0.0527i	0.4321+0.0383i	0.4354+0.0435i	-31.2383-8.5739i	33.1541+10.4477i	-25.0447-6.1557i	19.2701+5.5705i
19.6	0.5192+0.0135i	0.5749+0.0444i	0.4242+0.0319i	0.4272+0.0385i	-30.6857-8.2723i	32.4002+10.1094i	-24.6447-5.9611i	18.8754+5.4028i
19.7	0.4998+0.0104i	0.5580+0.0406i	0.4097+0.0285i	0.4133+0.0360i	-29.4824-7.7551i	31.5005+9.7511i	-23.8311-5.5989i	18.4606+5.2257i
19.8	0.4838+0.0152i	0.5423+0.0422i	0.3968+0.0303i	0.4012+0.0382i	-28.4092-7.4938i	30.6858+9.4519i	-23.0977-5.3888i	18.0869+5.0579i
19.9	0.4761+0.0153i	0.5361+0.0395i	0.3903+0.0284i	0.3958+0.0360i	-27.8896-6.9792i	30.2510+8.8363i	-22.7479-5.0017i	17.8905+4.7299i
20.0	0.4708+0.0015i	0.5333+0.0222i	0.3862+0.0163i	0.3927+0.0225i	-27.5539-5.5816i	29.6758+7.6275i	-22.4953-4.0448i	17.5680+4.1350i
20.1	0.4640+0.0022i	0.5266+0.0208i	0.3794+0.0155i	0.3857+0.0204i	-26.7433-5.3140i	28.4795+6.8241i	-21.8967-3.8129i	16.9331+3.6698i
20.2	0.4537+0.0033i	0.5152+0.0202i	0.3697+0.0157i	0.3753+0.0197i	-25.1566-5.0101i	27.3263+6.3623i	-20.8111-3.5957i	16.3840+3.4060i
20.3	0.4498-0.0003i	0.5119+0.0140i	0.3653+0.0121i	0.3706+0.0163i	-24.3537-4.9260i	26.2441+6.1739i	-20.2388-3.5115i	15.8101+3.3135i
20.4	0.4433-0.0104i	0.5054+0.0004i	0.3597+0.0033i	0.3643+0.0075i	-23.6383-4.2068i	25.3755+5.6552i	-19.7328-3.0208i	15.3669+3.0578i
20.5	0.4439-0.0180i	0.5071-0.0104i	0.3585-0.0031i	0.3630+0.0016i	-22.8510-4.0694i	24.5107+5.4840i	-19.1868-2.9341i	14.9175+2.9787i
20.6	0.4427-0.0236i	0.5072-0.0195i	0.3562-0.0079i	0.3610-0.0031i	-22.1716-3.9492i	23.7249+5.4056i	-18.6887-2.8522i	14.4968+2.9473i
20.7	0.4431-0.0251i	0.5087-0.0242i	0.3550-0.0095i	0.3597-0.0045i	-21.4041-4.3534i	22.9137+5.4148i	-18.1274-3.1165i	14.0830+2.9132i
20.8	0.4434-0.0385i	0.5075-0.0417i	0.3536-0.0190i	0.3576-0.0143i	-20.9194-4.2954i	22.0751+5.5659i	-17.7905-3.1327i	13.6328+3.0117i
20.9	0.4338-0.0566i	0.4963-0.0656i	0.3454-0.0334i	0.3491-0.0284i	-20.3324-3.8688i	21.4972+5.4703i	-17.3779-2.8476i	13.3547+3.0161i
21.0	0.4262-0.0735i	0.4889-0.0871i	0.3390-0.0458i	0.3429-0.0412i	-20.0112-3.7266i	20.8961+5.3649i	-17.1200-2.7584i	13.0369+3.0008i
21.1	0.4292-0.0923i	0.4917-0.1131i	0.3393-0.0595i	0.3442-0.0544i	-19.6898-4.0614i	20.2849+5.5393i	-16.9115-3.0214i	12.6959+3.0970i
21.2	0.4183-0.1004i	0.4793-0.1264i	0.3306-0.0655i	0.3349-0.0600i	-18.5753-4.3569i	19.6724+5.8497i	-16.1300-3.2824i	12.4198+3.2358i
21.3	0.3952-0.1109i	0.4505-0.1417i	0.3127-0.0734i	0.3164-0.0683i	-17.5700-4.3656i	19.0456+5.9221i	-15.4971-3.3141i	12.1826+3.3014i
21.4	0.3737-0.1357i	0.4219-0.1732i	0.2954-0.0917i	0.2995-0.0871i	-17.2094-3.9492i	18.7672+5.8893i	-15.2886-3.0332i	12.0768+3.3513i
21.5	0.3587-0.1469i	0.4006-0.1895i	0.2831-0.1000i	0.2878-0.0951i	-16.9529-4.1793i	18.6547+6.1403i	-15.1108-3.2086i	12.0446+3.4821i
21.6	0.3330-0.1566i	0.3624-0.2020i	0.2627-0.1066i	0.2675-0.1017i	-17.1359-4.7225i	18.7273+6.2433i	-15.3011-3.5808i	12.1108+3.5163i
21.7	0.3110-0.1478i	0.3334-0.1950i	0.2464-0.1011i	0.2504-0.0956i	-16.9572-5.2580i	18.5440+6.4452i	-15.2208-3.9806i	12.0461+3.5912i
21.8	0.2714-0.1498i	0.2809-0.1934i	0.2168-0.1022i	0.2204-0.0970i	-16.8982-4.4695i	18.4877+6.0325i	-15.2392-3.4465i	12.0760+3.3990i
21.9	0.2529-0.1349i	0.2542-0.1693i	0.2013-0.0909i	0.2049-0.0862i	-16.2607-3.8525i	18.1586+5.3832i	-14.8351-2.9747i	11.9480+3.0373i
22.0	0.2419-0.1226i	0.2346-0.1496i	0.1911-0.0815i	0.1951-0.0771i	-16.1138-3.5760i	18.1470+4.9093i	-14.8069-2.7505i	11.9767+2.7797i
22.1	0.2390-0.1190i	0.2305-0.1407i	0.1884-0.0773i	0.1922-0.0732i	-16.0031-3.8371i	17.8404+4.8690i	-14.7134-2.8999i	11.8201+2.7468i
22.2	0.2338-0.1090i	0.2254-0.1224i	0.1838-0.0689i	0.1881-0.0651i	-15.6664-3.4607i	17.2610+4.5625i	-14.4307-2.6104i	11.5038+2.5663i
22.3	0.2338-0.1051i	0.2229-0.1161i	0.1825-0.0657i	0.1869-0.0617i	-15.3346-3.4291i	16.9725+4.4942i	-14.1939-2.5485i	11.3389+2.4906i
22.4	0.2399-0.1053i	0.2286-0.1122i	0.1858-0.0642i	0.1912-0.0607i	-15.3512-3.6044i	16.7859+4.5389i	-14.1828-2.6292i	11.2203+2.4934i
22.5	0.2378-0.1107i	0.2292-0.1108i	0.1841-0.0658i	0.1887-0.0624i	-14.8961-3.5077i	16.1733+4.4121i	-13.8741-2.5738i	10.9225+2.4398i
22.6	0.2322-0.1200i	0.2256-0.1157i	0.1801-0.0703i	0.1845-0.0672i	-14.5462-3.3978i	15.8230+4.3995i	-13.6555-2.5420i	10.7522+2.4759i
22.7	0.2311-0.1255i	0.2252-0.1192i	0.1794-0.0731i	0.1837-0.0698i	-14.2957-3.4003i	15.5985+4.4984i	-13.4683-2.5131i	10.6406+2.4994i
22.8	0.2140-0.1367i	0.2091-0.1269i	0.1681-0.0799i	0.1726-0.0763i	-14.1937-3.2946i	15.4369+4.3001i	-13.4596-2.3987i	10.6192+2.3980i
22.9	0.2028-0.1411i	0.2007-0.1299i	0.1612-0.0814i	0.1655-0.0777i	-13.8134-3.6279i	15.1256+4.4743i	-13.2294-2.6308i	10.4792+2.4649i
23.0	0.1811-0.1561i	0.1835-0.1426i	0.1482-0.0904i	0.1525-0.0868i	-13.6212-3.5129i	14.9143+4.4553i	-13.0828-2.5431i	10.3926+2.4523i
23.1	0.1584-0.1667i	0.1630-0.1501i	0.1351-0.0967i	0.1390-0.0938i	-13.7897-3.3267i	15.0971+4.3604i	-13.2533-2.4642i	10.5221+2.4442i
23.2	0.1397-0.1471i	0.1460-0.1306i	0.1232-0.0841i	0.1263-0.0816i	-13.5523-3.2979i	14.8876+4.2225i	-13.1243-2.4203i	10.4548+2.3482i
23.3	0.1073-0.1355i	0.1162-0.1195i	0.1022-0.0775i	0.1064-0.0755i	-13.3275-3.0729i	14.8551+3.8040i	-13.0044-2.2550i	10.4815+2.1256i
23.4	0.0874-0.1284i	0.0987-0.1131i	0.0904-0.0731i	0.0947-0.0713i	-13.1207-2.9819i	14.9424+3.7338i	-12.8642-2.1892i	10.5423+2.0607i
23.5	0.0761-0.1091i	0.0876-0.0943i	0.0827-0.0618i	0.0866-0.0597i	-13.1453-2.6329i	14.6274+3.5088i	-12.8849-1.8943i	10.3823+1.9182i
23.6	0.0783-0.0909i	0.0903-0.0753i	0.0843-0.0503i	0.0875-0.0477i	-13.1059-2.5681i	14.3163+3.2788i	-12.8643-1.7723i	10.2121+1.7523i
23.7	0.0737-0.0686i	0.0863-0.0534i	0.0807-0.0372i	0.0839-0.0357i	-12.9275-2.1164i	14.1946+2.7320i	-12.8076-1.4513i	10.1942+1.4814i
23.8	0.0802-0.0613i	0.0927-0.0459i	0.0843-0.0329i	0.0877-0.0308i	-12.7649-2.1500i	13.9265+2.7018i	-12.7001-1.4841i	10.0320+1.4602i
23.9	0.0889-0.0451i	0.1036-0.0288i	0.0892-0.0220i	0.0916-0.0203i	-12.1380-2.1989i	13.2653+2.7172i	-12.2061-1.5116i	9.6842+1.4612i
24.0	0.0932-0.0325i	0.1095-0.0176i	0.0920-0.0140i	0.0939-0.0118i	-11.7390-2.2647i	12.8984+2.7823i	-11.9649-1.5279i	9.5110+1.4542i
24.1	0.0950-0.0300i	0.1104-0.0156i	0.0920-0.0131i	0.0938-0.0112i	-11.3578-1.9664i	12.6420+2.4888i	-11.7008-1.3210i	9.4064+1.3129i
24.2	0.1042-0.0198i	0.1213-0.0070i	0.0982-0.0073i	0.1006-0.0052i	-11.3854-1.9236i	12.5229+2.4378i	-11.6867-1.2063i	9.3137+1.2256i
24.3	0.1029-0.0143i	0.1217-0.0023i	0.0970-0.0040i	0.0991-0.0018i	-10.9703-2.0333i	12.1100+2.3873i	-11.3876-1.2807i	9.1125+1.1927i
24.4	0.1006-0.0125i	0.1200-0.0011i	0.0943-0.0025i	0.0957-0.0006i	-10.3121-1.9626i	11.6694+2.3445i	-10.9660-1.1946i	8.9142+1.1507i
24.5	0.1074-0.0169i	0.1270-0.0064i	0.0986-0.0053i	0.1005-0.0039i	-10.3050-1.7184i	11.4113+2.3382i	-10.8925-0.9697i	8.7059+1.1261i

24.6	0.1106-0.0177i	0.1311-0.0067i	0.1010-0.0064i	0.1025-0.0044i	-10.4705-1.8832i	11.2753+2.3334i	-11.0026-1.1200i	8.6557+1.1356i
24.7	0.1169-0.0190i	0.1365-0.0094i	0.1053-0.0081i	0.1064-0.0057i	-10.5698-2.0988i	11.2658+2.3123i	-11.0824-1.2985i	8.6685+1.1280i
24.8	0.1148-0.0152i	0.1344-0.0073i	0.1028-0.0058i	0.1038-0.0037i	-9.9841-1.9895i	10.8714+2.1483i	-10.7292-1.1644i	8.5093+0.9891i
24.9	0.1104-0.0121i	0.1319-0.0037i	0.0996-0.0036i	0.1001-0.0013i	-9.5550-1.9912i	10.5195+2.1252i	-10.4249-1.1664i	8.3439+0.9533i
25.0	0.1156-0.0127i	0.1387-0.0046i	0.1039-0.0040i	0.1048-0.0014i	-9.5295-2.2850i	10.4229+2.3330i	-10.3706-1.3507i	8.2429+1.0754i
25.1	0.1177-0.0186i	0.1385-0.0124i	0.1042-0.0088i	0.1050-0.0072i	-9.4561-2.0413i	10.3703+2.2900i	-10.3623-1.2731i	8.2666+1.1301i
25.2	0.1155-0.0279i	0.1339-0.0218i	0.1014-0.0157i	0.1020-0.0141i	-9.3759-1.6564i	10.2832+2.0728i	-10.3536-1.0343i	8.2359+1.0209i
25.3	0.1114-0.0197i	0.1305-0.0130i	0.0980-0.0101i	0.0983-0.0066i	-8.9489-1.9392i	9.8636+2.1054i	-10.1022-1.1165i	8.0708+0.9276i
25.4	0.1126-0.0173i	0.1333-0.0103i	0.0985-0.0083i	0.0995-0.0048i	-8.7245-1.9003i	9.6237+2.1686i	-9.8962-1.0256i	7.9312+0.9176i
25.5	0.1175-0.0196i	0.1395-0.0142i	0.1013-0.0097i	0.1035-0.0072i	-8.8339-1.8374i	9.5866+2.2781i	-9.8888-1.0140i	7.8351+1.0067i
25.6	0.1041-0.0056i	0.1259-0.0008i	0.0908-0.0005i	0.0920+0.0028i	-8.1911-1.5357i	9.0953+2.0729i	-9.5386-0.6432i	7.6905+0.7477i
25.7	0.1103-0.0078i	0.1324-0.0040i	0.0958-0.0023i	0.0964+0.0010i	-8.2709-1.9892i	8.9729+2.1877i	-9.5968-0.9858i	7.6336+0.8285i
25.8	0.1151-0.0075i	0.1354-0.0057i	0.0983-0.0025i	0.0992-0.0001i	-8.0774-2.1858i	8.8518+2.1729i	-9.4138-1.1305i	7.5523+0.8196i
25.9	0.1041-0.0127i	0.1245-0.0105i	0.0910-0.0059i	0.0907-0.0042i	-8.1551-1.9261i	8.8017+2.0519i	-9.5650-0.9925i	7.5979+0.7880i
26.0	0.1102-0.0306i	0.1306-0.0289i	0.0953-0.0182i	0.0952-0.0173i	-8.5696-1.7802i	8.9276+2.2213i	-9.7892-0.9918i	7.5895+0.9591i
26.1	0.1124-0.0177i	0.1321-0.0162i	0.0965-0.0095i	0.0960-0.0072i	-8.0264-1.8327i	8.4629+2.1605i	-9.4015-0.8554i	7.3319+0.7797i
26.2	0.1111-0.0071i	0.1313-0.0061i	0.0951-0.0024i	0.0943+0.0006i	-7.5529-1.8019i	8.0478+2.0361i	-9.0825-0.6996i	7.1145+0.6082i
26.3	0.1077-0.0229i	0.1269-0.0230i	0.0925-0.0139i	0.0913-0.0110i	-7.6077-1.9305i	8.1453+2.1368i	-9.1292-0.9588i	7.1689+0.8039i
26.4	0.1079-0.0314i	0.1263-0.0339i	0.0921-0.0209i	0.0912-0.0180i	-7.5618-2.0167i	8.1171+2.3756i	-9.0678-1.1235i	7.1277+1.0358i
26.5	0.1188-0.0310i	0.1353-0.0346i	0.0990-0.0206i	0.0977-0.0171i	-7.3496-1.9432i	7.9378+2.4841i	-8.8983-0.9226i	6.9931+0.9522i
26.6	0.1256-0.0387i	0.1418-0.0428i	0.1033-0.0261i	0.1023-0.0226i	-7.3453-2.2502i	7.7999+2.8179i	-8.8664-1.2255i	6.8902+1.1999i
26.7	0.1175-0.0196i	0.1353-0.0213i	0.0974-0.0127i	0.0954-0.0073i	-6.8858-2.1643i	7.2845+2.5611i	-8.5968-1.0355i	6.7281+0.9163i
26.8	0.1255-0.0195i	0.1424-0.0218i	0.1023-0.0129i	0.1005-0.0068i	-6.4871-2.3035i	6.9750+2.6902i	-8.1910-1.0371i	6.4430+0.9082i
26.9	0.1329-0.0292i	0.1483-0.0323i	0.1073-0.0200i	0.1056-0.0135i	-6.4934-2.3442i	6.9139+2.9667i	-8.1968-1.0934i	6.3815+1.0562i
27.0	0.1466-0.0481i	0.1600-0.0519i	0.1160-0.0329i	0.1153-0.0261i	-6.6189-2.6738i	6.8541+3.4627i	-8.1470-1.3742i	6.2368+1.3384i
27.1	0.1381-0.0710i	0.1495-0.0754i	0.1090-0.0495i	0.1089-0.0426i	-6.6357-2.7393i	7.1167+3.6446i	-8.1412-1.5048i	6.3530+1.5527i
27.2	0.1178-0.0779i	0.1293-0.0819i	0.0947-0.0544i	0.0942-0.0476i	-6.7618-2.5789i	7.2750+3.5210i	-8.3687-1.4005i	6.5639+1.5212i
27.3	0.1083-0.0737i	0.1205-0.0786i	0.0879-0.0519i	0.0878-0.0441i	-6.7140-2.7226i	7.1852+3.5996i	-8.3966-1.5393i	6.5777+1.5725i
27.4	0.1153-0.0681i	0.1262-0.0735i	0.0906-0.0479i	0.0926-0.0381i	-6.5061-2.8500i	6.9390+3.7254i	-8.3239-1.3959i	6.4976+1.4129i
27.5	0.1113-0.0809i	0.1216-0.0874i	0.0875-0.0574i	0.0909-0.0479i	-6.7054-3.1787i	7.1439+4.1012i	-8.4372-1.6193i	6.5664+1.6181i
27.6	0.1088-0.0869i	0.1186-0.0921i	0.0856-0.0607i	0.0890-0.0516i	-6.4985-3.5216i	7.0815+4.4262i	-8.1284-1.8286i	6.4316+1.7290i
27.7	0.0981-0.0931i	0.1057-0.0970i	0.0769-0.0641i	0.0812-0.0552i	-6.9116-3.4070i	7.4409+4.4521i	-8.4187-1.6561i	6.6005+1.6622i
27.8	0.0805-0.0863i	0.0874-0.0885i	0.0641-0.0584i	0.0684-0.0504i	-6.9457-3.2638i	7.5924+4.1779i	-8.4915-1.5781i	6.7032+1.5184i
27.9	0.0685-0.0909i	0.0760-0.0937i	0.0558-0.0608i	0.0615-0.0540i	-7.1088-3.5672i	7.8966+4.3546i	-8.5364-1.8853i	6.7800+1.7047i
28.0	0.0707-0.0869i	0.0764-0.0912i	0.0568-0.0587i	0.0628-0.0508i	-7.2593-3.6663i	7.8906+4.3611i	-8.6766-1.8522i	6.7830+1.6194i
28.1	0.0579-0.0831i	0.0629-0.0859i	0.0478-0.0552i	0.0539-0.0484i	-7.4003-3.1830i	8.1558+3.8882i	-8.7754-1.4707i	6.9372+1.3252i
28.2	0.0348-0.0931i	0.0406-0.0925i	0.0330-0.0607i	0.0397-0.0561i	-7.8321-3.1037i	8.7349+3.7605i	-8.9219-1.5967i	7.0994+1.4734i
28.3	0.0386-0.0781i	0.0422-0.0755i	0.0342-0.0494i	0.0406-0.0443i	-7.2809-3.0222i	8.2765+3.5076i	-8.6245-1.4318i	6.8963+1.2267i
28.4	0.0267-0.0835i	0.0314-0.0790i	0.0271-0.0522i	0.0343-0.0482i	-7.9175-2.8165i	8.7249+3.4204i	-8.9480-1.2799i	6.9877+1.1861i
28.5	0.0201-0.0809i	0.0264-0.0755i	0.0231-0.0505i	0.0306-0.0466i	-8.0976-2.7533i	8.8159+3.2793i	-9.0047-1.2420i	6.9586+1.1508i
28.6	0.0218-0.0760i	0.0261-0.0720i	0.0231-0.0472i	0.0310-0.0429i	-7.9537-2.8429i	8.7129+3.3639i	-8.8217-1.2896i	6.8666+1.1758i
28.7	0.0129-0.0678i	0.0175-0.0630i	0.0172-0.0417i	0.0240-0.0373i	-7.9924-2.4841i	8.7349+2.9077i	-8.9778-1.0784i	6.9869+0.9532i
28.8	0.0068-0.0590i	0.0150-0.0520i	0.0148-0.0350i	0.0216-0.0309i	-7.9902-2.3180i	8.5758+2.7354i	-8.9005-0.9835i	6.8527+0.8814i
28.9	0.0029-0.0562i	0.0126-0.0492i	0.0123-0.0339i	0.0198-0.0297i	-7.9515-1.9994i	8.6452+2.4698i	-8.7911-0.7907i	6.8345+0.7959i
29.0	-0.0003-0.0526i	0.0102-0.0455i	0.0107-0.0317i	0.0184-0.0284i	-7.8943-1.7208i	8.6175+2.2442i	-8.6738-0.6449i	6.7531+0.7483i
29.1	0.0041-0.0426i	0.0133-0.0361i	0.0132-0.0248i	0.0205-0.0218i	-7.8397-1.5544i	8.4620+2.0370i	-8.7175-0.4415i	6.7494+0.5412i
29.2	0.0090-0.0352i	0.0183-0.0289i	0.0159-0.0202i	0.0237-0.0164i	-7.6197-1.4594i	8.2325+1.8760i	-8.5455-0.2753i	6.5757+0.3667i
29.3	0.0117-0.0353i	0.0215-0.0292i	0.0178-0.0198i	0.0260-0.0164i	-7.3933-1.7618i	8.0404+2.1067i	-8.2806-0.5644i	6.3227+0.5710i
29.4	0.0129-0.0336i	0.0226-0.0263i	0.0189-0.0182i	0.0271-0.0149i	-7.4766-1.5376i	7.9499+1.9782i	-8.2929-0.3806i	6.2294+0.5089i
29.5	0.0109-0.0255i	0.0214-0.0180i	0.0173-0.0137i	0.0262-0.0100i	-7.7597-1.0876i	8.0122+1.6551i	-8.5447-0.0193i	6.2807+0.3025i
29.6	0.0086-0.0225i	0.0198-0.0172i	0.0158-0.0122i	0.0234-0.0096i	-7.2850-1.1973i	7.7746+1.6164i	-8.2658-0.2903i	6.2495+0.4617i
29.7	0.0096-0.0211i	0.0212-0.0183i	0.0166-0.0118i	0.0240-0.0103i	-7.2020-1.0802i	7.7856+1.5105i	-8.2061-0.3551i	6.2938+0.5753i
29.8	0.0155-0.0216i	0.0269-0.0178i	0.0201-0.0113i	0.0292-0.0102i	-7.2379-1.0269i	7.6386+1.5219i	-8.1296-0.2526i	6.0999+0.5181i
29.9	0.0210-0.0210i	0.0319-0.0165i	0.0233-0.0109i	0.0330-0.0101i	-7.0750-0.8639i	7.4757+1.4423i	-7.8887-0.0933i	5.8892+0.4691i
30.0	0.0176-0.0162i	0.0280-0.0125i	0.0210-0.0081i	0.0293-0.0072i	-6.8762-0.8548i	7.3412+1.3841i	-7.8754-0.1367i	5.9361+0.4945i
30.1	0.0128-0.0108i	0.0238-0.0086i	0.0176-0.0055i	0.0254-0.0046i	-6.5930-0.7115i	7.1485+1.2112i	-7.7908-0.0594i	5.9862+0.4189i
30.2	0.0168-0.0077i	0.0281-0.0057i	0.0208-0.0026i	0.0279-0.0023i	-6.4627-0.9337i	6.9265+1.3280i	-7.6783-0.2033i	5.8312+0.4290i
30.3	0.0159-0.0079i	0.0271-0.0060i	0.0195-0.0032i	0.0262-0.0021i	-6.5541-0.8792i	6.8437+1.2314i	-7.7843-0.1802i	5.8185+0.4402i
30.4	0.0107-0.0114i	0.0213-0.0066i	0.0158-0.0048i	0.0219-0.0048i	-6.4146-0.6781i	6.6807+1.0457i	-7.6966-0.1104i	5.7702+0.4207i
30.5	0.0158-0.0149i	0.0228-0.0080i	0.0180-0.0066i	0.0250-0.0071i	-6.4192-0.5230i	6.7030+0.9060i	-7.6259-0.0152i	5.7274+0.3377i
30.6	0.0223-0.0141i	0.0293-0.0058i	0.0220-0.0054i	0.0292-0.0053i	-6.2674-0.4668i	6.4794+0.9296i	-7.4646+0.1033i	5.5315+0.2611i
30.7	0.0251-0.0076i	0.0326-0.0007i	0.0235-0.0015i	0.0305-0.0014i	-6.1162-0.4490i	6.3844+0.8750i	-7.4256+0.1895i	5.5357+0.1624i
30.8	0.0134-0.0092i	0.0247-0.0015i	0.0163-0.0023i	0.0234-0.0036i	-5.9878-0.2501i	6.3436+0.7675i	-7.4232+0.2107i	5.6191+0.2422i

30.9	0.0161-0.0127i	0.0259-0.0041i	0.0179-0.0045i	0.0245-0.0058i	-6.0520-0.2869i	6.3829+0.7906i	-7.5140+0.1228i	5.6828+0.3112i
31.0	0.0185-0.0109i	0.0274-0.0030i	0.0196-0.0035i	0.0262-0.0044i	-5.9032-0.5656i	6.1907+0.9319i	-7.4013-0.0852i	5.5494+0.3755i
31.1	0.0192-0.0064i	0.0273+0.0002i	0.0198-0.0006i	0.0260-0.0011i	-5.5640-0.7425i	6.0093+0.9547i	-7.1884-0.1971i	5.4981+0.3695i
31.2	0.0158-0.0136i	0.0259-0.0056i	0.0182-0.0053i	0.0236-0.0066i	-5.6801-0.6581i	6.1289+0.9775i	-7.2897-0.2504i	5.5756+0.5169i
31.3	0.0085-0.0107i	0.0204-0.0047i	0.0135-0.0039i	0.0190-0.0055i	-5.5371-0.4079i	6.0304+0.8046i	-7.2056-0.0649i	5.5842+0.4012i
31.4	0.0163-0.0093i	0.0258-0.0023i	0.0174-0.0025i	0.0240-0.0033i	-5.5564-0.4123i	5.7853+0.8248i	-7.0996+0.0597i	5.3677+0.3138i
31.5	0.0173-0.0147i	0.0279-0.0052i	0.0186-0.0052i	0.0248-0.0063i	-5.6239-0.4545i	5.7692+0.8367i	-7.1480+0.0506i	5.3098+0.3073i
31.6	0.0086-0.0083i	0.0193-0.0042i	0.0124-0.0023i	0.0184-0.0045i	-5.3660-0.4455i	5.7820+0.8728i	-7.0223-0.0591i	5.4401+0.4585i
31.7	0.0048+0.0000i	0.0163+0.0009i	0.0102+0.0019i	0.0153+0.0009i	-5.1823-0.4699i	5.6662+0.8751i	-7.0377-0.1008i	5.4760+0.4599i
31.8	0.0028-0.0028i	0.0157+0.0006i	0.0088+0.0008i	0.0147-0.0006i	-5.3315-0.2556i	5.6843+0.7019i	-7.1821+0.1411i	5.5042+0.2995i
31.9	0.0007-0.0076i	0.0156-0.0009i	0.0076-0.0011i	0.0141-0.0031i	-5.2955-0.2952i	5.5211+0.7177i	-7.1038+0.0398i	5.3264+0.3360i
32.0	-0.0060-0.0070i	0.0135-0.0045i	0.0051-0.0025i	0.0104-0.0046i	-5.4143-0.3328i	5.5899+0.7200i	-7.2560-0.0574i	5.4156+0.4192i
32.1	-0.0091-0.0052i	0.0101-0.0020i	0.0028-0.0018i	0.0082-0.0036i	-5.1662-0.0629i	5.4077+0.5224i	-6.9895+0.2528i	5.2576+0.2247i
32.2	0.0015-0.0002i	0.0133+0.0023i	0.0071+0.0013i	0.0124+0.0007i	-5.2394-0.1735i	5.4650+0.5536i	-7.1098+0.1867i	5.3618+0.2013i
32.3	0.0016+0.0071i	0.0141+0.0067i	0.0073+0.0053i	0.0127+0.0046i	-5.0635-0.2522i	5.2827+0.6087i	-7.0024+0.0973i	5.2925+0.2291i
32.4	-0.0075+0.0159i	0.0091+0.0120i	0.0020+0.0101i	0.0074+0.0088i	-4.8621-0.1628i	5.0725+0.4901i	-6.8701+0.1127i	5.1870+0.2092i
32.5	-0.0098+0.0186i	0.0079+0.0136i	0.0004+0.0119i	0.0061+0.0100i	-4.8586-0.0432i	5.0552+0.4560i	-6.8864+0.2194i	5.2014+0.2106i
32.6	-0.0098+0.0048i	0.0085+0.0035i	0.0005+0.0036i	0.0067+0.0017i	-5.0375-0.1228i	5.2095+0.5523i	-6.9581+0.1290i	5.2150+0.2362i
32.7	-0.0149+0.0129i	0.0026+0.0078i	-0.0033+0.0075i	0.0024+0.0058i	-4.8753+0.1085i	5.1079+0.4017i	-6.9216+0.3012i	5.2274+0.1712i
32.8	-0.0116+0.0223i	0.0000+0.0158i	-0.0041+0.0137i	0.0019+0.0116i	-4.6179+0.3761i	4.9885+0.1527i	-6.8379+0.5502i	5.2436+0.0380i
32.9	-0.0141+0.0175i	-0.0003+0.0127i	-0.0048+0.0113i	0.0014+0.0083i	-4.8833+0.2135i	5.0103+0.3360i	-6.9628+0.3812i	5.1586+0.2034i
33.0	-0.0077+0.0164i	0.0020+0.0141i	-0.0018+0.0121i	0.0043+0.0088i	-4.7041-0.0169i	4.9145+0.4884i	-6.8475+0.1624i	5.1749+0.2772i
33.1	-0.0025+0.0178i	0.0050+0.0147i	0.0008+0.0128i	0.0065+0.0104i	-4.6249-0.1559i	4.7448+0.5680i	-6.8369+0.0882i	5.0772+0.3024i
33.2	-0.0067+0.0229i	-0.0012+0.0177i	-0.0026+0.0146i	0.0023+0.0123i	-4.8076+0.0355i	4.8694+0.2496i	-7.0497+0.2867i	5.2316+0.1061i
33.3	-0.0077+0.0211i	-0.0059+0.0189i	-0.0048+0.0145i	0.0006+0.0118i	-5.0006+0.2534i	4.9270+0.1444i	-7.2037+0.4269i	5.2869+0.0441i
33.4	-0.0065+0.0214i	-0.0033+0.0212i	-0.0040+0.0163i	0.0011+0.0126i	-4.7101+0.3461i	4.7759+0.2436i	-7.0118+0.5171i	5.2210+0.1442i
33.5	-0.0058+0.0233i	-0.0025+0.0199i	-0.0038+0.0169i	0.0018+0.0126i	-4.5943+0.1697i	4.7248+0.4765i	-6.8942+0.3042i	5.1794+0.3660i
33.6	-0.0145+0.0256i	-0.0044+0.0202i	-0.0070+0.0177i	-0.0022+0.0128i	-4.6071+0.2006i	4.7237+0.4216i	-6.9232+0.2720i	5.1565+0.3841i
33.7	-0.0165+0.0303i	-0.0071+0.0263i	-0.0083+0.0214i	-0.0052+0.0163i	-4.4446+0.2851i	4.5857+0.3238i	-6.8664+0.3503i	5.1308+0.3229i
33.8	-0.0176+0.0350i	-0.0066+0.0283i	-0.0078+0.0246i	-0.0054+0.0188i	-4.2299+0.1763i	4.3886+0.4526i	-6.6379+0.2684i	4.9969+0.4091i
33.9	-0.0146+0.0326i	-0.0064+0.0287i	-0.0072+0.0234i	-0.0040+0.0186i	-4.4374+0.2821i	4.5414+0.3232i	-6.8530+0.4520i	5.1537+0.2211i
34.0	-0.0206+0.0311i	-0.0041+0.0297i	-0.0085+0.0236i	-0.0051+0.0175i	-4.5365+0.3520i	4.5521+0.3679i	-6.9121+0.4812i	5.0802+0.2732i
34.1	-0.0175+0.0394i	-0.0042+0.0375i	-0.0080+0.0299i	-0.0045+0.0231i	-4.0896+0.6174i	4.2678+0.2170i	-6.5242+0.6806i	4.8964+0.1857i
34.2	-0.0136+0.0441i	-0.0040+0.0423i	-0.0065+0.0327i	-0.0035+0.0261i	-3.9433+0.6600i	4.1723+0.0318i	-6.4168+0.7340i	4.8636+0.0174i
34.3	-0.0114+0.0438i	-0.0023+0.0461i	-0.0049+0.0338i	-0.0018+0.0277i	-3.9935+0.8386i	4.2771-0.1421i	-6.5631+0.9513i	5.0106-0.1109i
34.4	-0.0040+0.0432i	-0.0002+0.0447i	-0.0009+0.0325i	0.0010+0.0273i	-3.9929+0.4555i	4.2790+0.0366i	-6.5919+0.6365i	5.0382+0.0150i
34.5	0.0018+0.0426i	0.0084+0.0438i	0.0036+0.0320i	0.0052+0.0271i	-3.8770+0.4138i	4.1257+0.1769i	-6.4917+0.6014i	4.9218+0.1099i
34.6	0.0050+0.0498i	0.0089+0.0458i	0.0047+0.0352i	0.0053+0.0306i	-3.6592+0.5968i	4.0269+0.1130i	-6.3226+0.7448i	4.9158+0.1442i
34.7	0.0013+0.0534i	0.0048+0.0415i	0.0019+0.0349i	0.0025+0.0295i	-3.7192+0.8463i	4.1066+0.1062i	-6.3863+0.8549i	5.0128+0.2393i
34.8	-0.0037+0.0529i	0.0016+0.0403i	-0.0006+0.0345i	0.0005+0.0283i	-3.7002+0.9969i	4.1618-0.0771i	-6.3347+0.9642i	5.0620+0.0961i
34.9	0.0069+0.0429i	0.0040+0.0403i	0.0037+0.0314i	0.0048+0.0255i	-3.4750+0.6700i	4.0620-0.0046i	-6.0846+0.7423i	4.9878+0.0028i
35.0	0.0122+0.0471i	0.0045+0.0427i	0.0055+0.0332i	0.0055+0.0279i	-3.2307+0.7505i	3.8167-0.0662i	-5.9362+0.8252i	4.8974+0.0273i
35.1	0.0095+0.0428i	0.0109+0.0377i	0.0068+0.0295i	0.0070+0.0255i	-3.2586+0.8423i	3.7483+0.0315i	-5.9854+0.9905i	4.8234+0.0886i
35.2	0.0054+0.0370i	0.0153+0.0323i	0.0066+0.0264i	0.0064+0.0222i	-3.2479+0.6179i	3.7139+0.1770i	-5.9748+0.7705i	4.8001+0.1738i
35.3	0.0071+0.0389i	0.0110+0.0340i	0.0059+0.0274i	0.0049+0.0235i	-3.0811+0.5300i	3.6554+0.0830i	-5.8470+0.6457i	4.8155+0.1123i
35.4	0.0062+0.0419i	0.0055+0.0370i	0.0039+0.0289i	0.0029+0.0257i	-3.2119+0.6824i	3.7183+0.0057i	-6.0537+0.7448i	4.8747+0.0785i
35.5	0.0039+0.0392i	0.0067+0.0348i	0.0029+0.0265i	0.0023+0.0240i	-3.2446+0.5347i	3.6486+0.1304i	-6.1184+0.5948i	4.8214+0.1575i
35.6	0.0048+0.0361i	0.0027+0.0349i	0.0024+0.0258i	0.0006+0.0225i	-2.7320+0.3706i	3.4085+0.1536i	-5.6662+0.4635i	4.6951+0.1146i
35.7	0.0037+0.0334i	-0.0031+0.0373i	0.0005+0.0255i	-0.0010+0.0225i	-2.8244+0.2220i	3.4943+0.0193i	-5.7367+0.3768i	4.7717-0.0228i
35.8	-0.0000+0.0384i	-0.0045+0.0327i	-0.0018+0.0254i	-0.0025+0.0232i	-2.7968+0.2343i	3.4622+0.0276i	-5.7387+0.4254i	4.7664+0.0570i
35.9	-0.0062+0.0393i	-0.0058+0.0306i	-0.0047+0.0250i	-0.0049+0.0229i	-2.8947+0.5091i	3.4680-0.0712i	-5.7875+0.6356i	4.7616+0.0288i
36.0	-0.0119+0.0400i	-0.0068+0.0307i	-0.0077+0.0257i	-0.0078+0.0231i	-2.9654+0.7251i	3.4786-0.1796i	-5.9341+0.8410i	4.7818-0.0688i
36.1	-0.0090+0.0440i	-0.0118+0.0426i	-0.0082+0.0315i	-0.0092+0.0287i	-3.0221+0.4843i	3.5310-0.1666i	-6.0672+0.6188i	4.8836-0.0825i
36.2	-0.0084+0.0479i	-0.0153+0.0474i	-0.0095+0.0345i	-0.0094+0.0312i	-2.7762+0.6626i	3.3100-0.2531i	-5.8308+0.7553i	4.7879-0.1163i
36.3	-0.0131+0.0535i	-0.0202+0.0473i	-0.0130+0.0363i	-0.0122+0.0331i	-2.8114+0.8346i	3.3574-0.4269i	-5.8521+0.9756i	4.8014-0.2655i
36.4	-0.0141+0.0597i	-0.0205+0.0401i	-0.0129+0.0353i	-0.0125+0.0337i	-2.9705+0.7554i	3.5684-0.2933i	-6.0599+0.8530i	4.9527-0.1107i
36.5	-0.0085+0.0645i	-0.0225+0.0514i	-0.0119+0.0409i	-0.0114+0.0393i	-2.8246+0.6326i	3.4203-0.2716i	-5.9346+0.7306i	4.8961-0.0984i
36.6	-0.0062+0.0736i	-0.0205+0.0595i	-0.0114+0.0465i	-0.0101+0.0445i	-2.7230+0.6443i	3.3631-0.3785i	-5.8498+0.7746i	4.8534-0.2102i
36.7	-0.0016+0.0776i	-0.0178+0.0632i	-0.0094+0.0491i	-0.0084+0.0469i	-2.6501+0.8158i	3.2682-0.4979i	-5.7845+0.9831i	4.7781-0.3418i
36.8	0.0050+0.0861i	-0.0200+0.0633i	-0.0082+0.0520i	-0.0073+0.0499i	-2.5452+0.8633i	3.1039-0.4892i	-5.6684+1.0409i	4.6855-0.2763i
36.9	0.0197+0.0951i	-0.0257+0.0675i	-0.0051+0.0577i	-0.0041+0.0544i	-2.3021+0.9030i	3.0441-0.5720i	-5.5172+1.0167i	4.7180-0.2844i
37.0	0.0189+0.0860i	-0.0161+0.0730i	-0.0013+0.0564i	-0.0008+0.0530i	-2.3470+0.8793i	2.9219-0.6341i	-5.5246+1.0016i	4.5456-0.4031i
37.1	0.0206+0.0768i	-0.0033+0.0771i	0.0033+0.0546i	0.0031+0.0516i	-2.5660+0.9096i	2.8712-0.6885i	-5.7140+0.9892i	4.4465-0.4953i

37.2	0.0295+0.0738i	-0.0046+0.0716i	0.0052+0.0520i	0.0051+0.0489i	-2.5222+0.7309i	2.7603-0.4389i	-5.6709+0.7958i	4.3914-0.2349i
37.3	0.0305+0.0679i	-0.0058+0.0697i	0.0052+0.0496i	0.0053+0.0464i	-2.5297+0.6999i	2.7517-0.4018i	-5.6967+0.7429i	4.4119-0.2326i
37.4	0.0327+0.0700i	-0.0117+0.0615i	0.0042+0.0482i	0.0041+0.0440i	-2.4006+0.8844i	2.8500-0.5167i	-5.7063+0.9209i	4.5978-0.2544i
37.5	0.0417+0.0656i	-0.0164+0.0669i	0.0050+0.0478i	0.0054+0.0447i	-2.1634+0.8740i	2.6900-0.4871i	-5.5334+0.9790i	4.5181-0.1809i
37.6	0.0359+0.0583i	-0.0075+0.0730i	0.0065+0.0468i	0.0053+0.0448i	-2.3148+0.6904i	2.6477-0.4553i	-5.6455+0.7882i	4.4287-0.2106i
37.7	0.0394+0.0435i	-0.0106+0.0908i	0.0070+0.0484i	0.0046+0.0461i	-2.0325+0.6407i	2.4960-0.5289i	-5.3970+0.7490i	4.4108-0.3465i
37.8	0.0300+0.0393i	-0.0007+0.0962i	0.0070+0.0487i	0.0055+0.0473i	-2.0301+0.6674i	2.3899-0.5430i	-5.3912+0.7809i	4.3471-0.3689i
37.9	0.0182+0.0546i	0.0074+0.0784i	0.0059+0.0478i	0.0050+0.0462i	-2.3789+0.6268i	2.4988-0.3923i	-5.7067+0.7085i	4.3272-0.2019i
38.0	0.0351+0.0683i	-0.0118+0.0731i	0.0040+0.0507i	0.0037+0.0483i	-2.3291+1.0828i	2.5313-0.5803i	-5.6667+1.0696i	4.3395-0.1943i
38.1	0.0377+0.0559i	-0.0039+0.0909i	0.0073+0.0527i	0.0072+0.0510i	-2.0861+1.0346i	2.3671-0.6231i	-5.5414+1.0740i	4.3124-0.2384i
38.2	0.0167+0.0465i	0.0245+0.0998i	0.0106+0.0524i	0.0108+0.0501i	-2.0618+0.9711i	2.2175-0.7502i	-5.4809+1.0107i	4.1586-0.4640i
38.3	0.0116+0.0468i	0.0370+0.1022i	0.0134+0.0537i	0.0130+0.0511i	-2.0617+0.9965i	2.1258-0.7485i	-5.4508+0.9908i	4.0785-0.4837i
38.4	0.0214+0.0504i	0.0366+0.0925i	0.0166+0.0514i	0.0165+0.0497i	-1.7772+0.9231i	1.9197-0.5809i	-5.1976+0.9325i	3.9311-0.2847i
38.5	0.0185+0.0514i	0.0440+0.0854i	0.0180+0.0493i	0.0190+0.0480i	-1.8412+0.8039i	1.9089-0.4976i	-5.2772+0.8377i	3.9331-0.2496i
38.6	0.0250+0.0361i	0.0410+0.0948i	0.0194+0.0472i	0.0199+0.0451i	-1.8076+0.7896i	1.9847-0.5590i	-5.2781+0.8114i	4.0706-0.3146i
38.7	0.0344+0.0334i	0.0323+0.0940i	0.0195+0.0454i	0.0195+0.0436i	-1.7285+0.9850i	1.9170-0.6860i	-5.2508+1.0258i	4.0877-0.3657i
38.8	0.0377+0.0505i	0.0270+0.0665i	0.0183+0.0415i	0.0178+0.0403i	-1.8677+0.9689i	1.9583-0.6255i	-5.4464+0.9833i	4.0512-0.2307i
38.9	0.0271+0.0376i	0.0388+0.0733i	0.0187+0.0400i	0.0183+0.0387i	-1.6415+0.7515i	1.8783-0.5042i	-5.2854+0.7814i	4.0474-0.2090i
39.0	0.0419+0.0309i	0.0213+0.0691i	0.0180+0.0366i	0.0170+0.0352i	-1.6457+0.6684i	1.8867-0.2714i	-5.2926+0.6687i	4.0533+0.0128i
39.1	0.0488+0.0356i	0.0139+0.0626i	0.0172+0.0364i	0.0173+0.0335i	-1.4808+0.7764i	1.6386-0.1856i	-5.1447+0.7083i	3.8155+0.1775i
39.2	0.0309+0.0335i	0.0270+0.0645i	0.0155+0.0358i	0.0163+0.0335i	-1.5196+0.9003i	1.6841-0.3530i	-5.2196+0.8200i	3.9330+0.0198i
39.3	0.0183+0.0354i	0.0370+0.0588i	0.0152+0.0347i	0.0146+0.0330i	-1.5815+0.7358i	1.7268-0.2894i	-5.2938+0.6180i	3.9755-0.0018i
39.4	0.0301+0.0327i	0.0231+0.0600i	0.0146+0.0348i	0.0134+0.0323i	-1.4541+0.8168i	1.5947-0.2492i	-5.1582+0.6366i	3.8607+0.1143i
39.5	0.0258+0.0254i	0.0234+0.0653i	0.0132+0.0339i	0.0123+0.0320i	-1.3554+0.8680i	1.5900-0.2799i	-5.1213+0.7371i	3.9302+0.0915i
39.6	0.0219+0.0252i	0.0202+0.0652i	0.0099+0.0335i	0.0098+0.0317i	-1.4545+0.8575i	1.6946-0.2430i	-5.2422+0.7529i	4.0371+0.1516i
39.7	0.0243+0.0230i	0.0140+0.0682i	0.0084+0.0346i	0.0081+0.0320i	-1.4340+0.9049i	1.6823-0.2660i	-5.2667+0.7606i	4.0470+0.2295i
39.8	0.0227+0.0319i	0.0177+0.0595i	0.0086+0.0342i	0.0080+0.0319i	-1.3678+0.9169i	1.5539-0.3916i	-5.2323+0.7409i	3.9917+0.1180i
39.9	0.0227+0.0289i	0.0149+0.0656i	0.0085+0.0352i	0.0076+0.0329i	-1.2469+0.9191i	1.5601-0.4228i	-5.1800+0.7444i	4.0433+0.1333i
40.0	0.0338+0.0349i	0.0008+0.0546i	0.0072+0.0333i	0.0058+0.0309i	-1.4048+0.9826i	1.4964-0.3890i	-5.3193+0.7460i	3.8774+0.2048i
40.1	0.0262+0.0393i	0.0060+0.0472i	0.0062+0.0315i	0.0049+0.0299i	-1.4518+1.0165i	1.4306-0.4560i	-5.2861+0.7791i	3.8434+0.0469i
40.2	0.0224+0.0380i	0.0074+0.0506i	0.0059+0.0333i	0.0042+0.0308i	-1.2604+1.0124i	1.3929-0.4084i	-5.1369+0.8178i	3.8971+0.0473i
40.3	0.0228+0.0427i	0.0023+0.0453i	0.0038+0.0338i	0.0026+0.0304i	-1.2970+1.0194i	1.4750-0.4514i	-5.1748+0.7842i	3.9194+0.0068i
40.4	0.0182+0.0311i	0.0061+0.0592i	0.0031+0.0340i	0.0028+0.0321i	-1.2503+0.8748i	1.4636-0.4700i	-5.2364+0.7053i	4.0424+0.0326i
40.5	0.0119+0.0022i	0.0089+0.0927i	0.0021+0.0354i	0.0014+0.0345i	-0.8793+1.1116i	1.3980-0.4853i	-5.1747+0.9721i	4.3333+0.2834i
40.6	0.0033+0.0012i	0.0131+0.0900i	0.0006+0.0344i	-0.0009+0.0325i	-0.6847+1.1174i	1.2897-0.4162i	-4.9876+0.9366i	4.2848+0.2919i
40.7	0.0091+0.0047i	0.0054+0.0839i	-0.0007+0.0329i	-0.0008+0.0321i	-0.7572+1.0412i	1.3026-0.3841i	-5.0933+0.7619i	4.1864+0.2996i
40.8	0.0027+0.0189i	0.0079+0.0747i	-0.0019+0.0348i	-0.0023+0.0336i	-0.8080+0.9402i	1.3694-0.4916i	-5.0608+0.6854i	4.2392+0.0552i
40.9	-0.0002-0.0024i	0.0126+0.0941i	-0.0020+0.0347i	-0.0012+0.0340i	-0.5745+1.0499i	1.2300-0.3586i	-5.0143+0.7981i	4.3118+0.3390i
41.0	-0.0057-0.0082i	0.0147+0.0962i	-0.0025+0.0334i	-0.0016+0.0327i	-0.5333+0.9841i	1.3532-0.2832i	-5.1650+0.7594i	4.5125+0.4390i
41.1	-0.0092+0.0074i	0.0158+0.0807i	-0.0029+0.0336i	-0.0027+0.0327i	-0.5802+0.9319i	1.2669-0.4318i	-5.0802+0.7535i	4.3956+0.1399i
41.2	-0.0113+0.0004i	0.0143+0.0896i	-0.0044+0.0340i	-0.0037+0.0343i	-0.4183+1.1287i	1.1757-0.4886i	-5.0559+0.8744i	4.3921+0.1494i
41.3	-0.0197-0.0005i	0.0192+0.0921i	-0.0054+0.0348i	-0.0044+0.0340i	-0.2906+1.1259i	1.1493-0.4784i	-5.0124+0.8841i	4.4441+0.1562i
41.4	-0.0288-0.0145i	0.0287+0.1064i	-0.0054+0.0358i	-0.0041+0.0340i	-0.0353+1.1033i	1.2036-0.3938i	-5.0123+1.0146i	4.7297+0.3659i
41.5	-0.0307-0.0160i	0.0277+0.1050i	-0.0071+0.0345i	-0.0048+0.0330i	-0.2396+0.9781i	1.2264-0.3390i	-5.2761+0.8563i	4.7387+0.4138i
41.6	-0.0473-0.0083i	0.0378+0.0966i	-0.0092+0.0344i	-0.0075+0.0329i	-0.2861+0.8032i	1.3729-0.3716i	-5.3644+0.9630i	4.9630+0.2395i
41.7	-0.0528-0.0010i	0.0409+0.0913i	-0.0092+0.0353i	-0.0092+0.0333i	-0.2254+0.6548i	1.3371-0.4098i	-5.2666+0.8893i	4.9454+0.0778i
41.8	-0.0528+0.0035i	0.0336+0.0859i	-0.0118+0.0348i	-0.0115+0.0335i	-0.1602+0.8419i	1.1986-0.4630i	-5.1854+0.9192i	4.7538+0.0415i
41.9	-0.0595+0.0122i	0.0325+0.0797i	-0.0146+0.0356i	-0.0133+0.0344i	-0.1723+0.7113i	1.1434-0.4711i	-5.1679+0.8279i	4.7200-0.0516i
42.0	-0.0691+0.0234i	0.0408+0.0775i	-0.0156+0.0391i	-0.0128+0.0381i	-0.1257+0.5550i	1.0997-0.5222i	-5.1496+0.9967i	4.8217-0.1384i
42.1	-0.0713+0.0261i	0.0416+0.0764i	-0.0152+0.0389i	-0.0126+0.0379i	-0.0323+0.6422i	1.0834-0.5981i	-5.0729+1.0975i	4.8516-0.2025i
42.2	-0.0650+0.0337i	0.0346+0.0747i	-0.0155+0.0409i	-0.0127+0.0382i	-0.0668+0.5543i	0.9702-0.5287i	-5.0450+0.9209i	4.6754-0.2022i
42.3	-0.0692+0.0400i	0.0374+0.0692i	-0.0163+0.0418i	-0.0130+0.0389i	-0.0028+0.4015i	0.9950-0.4644i	-5.0718+0.9404i	4.7441-0.1764i
42.4	-0.0696+0.0417i	0.0331+0.0713i	-0.0180+0.0440i	-0.0149+0.0406i	-0.0975+0.5442i	1.0790-0.5835i	-5.2786+1.2118i	4.8559-0.2525i
42.5	-0.0625+0.0461i	0.0262+0.0725i	-0.0175+0.0453i	-0.0151+0.0420i	-0.1916+0.4566i	1.0742-0.5011i	-5.3133+0.9925i	4.8061-0.2134i
42.6	-0.0630+0.0393i	0.0229+0.0777i	-0.0193+0.0437i	-0.0166+0.0407i	-0.1242+0.5513i	0.8928-0.5601i	-5.3181+0.9904i	4.5798-0.2215i
42.7	-0.0684+0.0441i	0.0233+0.0717i	-0.0214+0.0430i	-0.0181+0.0405i	-0.2091+0.5615i	0.8406-0.5761i	-5.3651+0.9783i	4.5400-0.2367i
42.8	-0.0755+0.0530i	0.0302+0.0707i	-0.0211+0.0466i	-0.0182+0.0426i	-0.0796+0.4755i	0.8125-0.5269i	-5.3335+1.1840i	4.6260-0.1533i
42.9	-0.0819+0.0635i	0.0275+0.0734i	-0.0238+0.0507i	-0.0212+0.0472i	-0.2248+0.3913i	0.9551-0.5469i	-5.4704+1.1824i	4.7443-0.1741i
43.0	-0.0624+0.0769i	0.0204+0.0615i	-0.0196+0.0508i	-0.0173+0.0469i	-0.2905+0.5079i	0.8013-0.5933i	-5.1920+1.0502i	4.6227-0.3814i
43.1	-0.0574+0.0642i	0.0153+0.0633i	-0.0207+0.0477i	-0.0180+0.0436i	-0.2536+0.5465i	0.7478-0.4556i	-5.2868+0.9388i	4.5490-0.2403i
43.2	-0.0642+0.0635i	0.0100+0.0607i	-0.0253+0.0465i	-0.0226+0.0414i	-0.2146+0.4755i	0.7927-0.4616i	-5.2291+1.1072i	4.6393-0.2267i
43.3	-0.0673+0.0589i	0.0072+0.0643i	-0.0276+0.0469i	-0.0241+0.0408i	-0.0808+0.5707i	0.7016-0.4583i	-5.2930+1.3684i	4.5700-0.0871i
43.4	-0.0758+0.0637i	0.0090+0.0620i	-0.0290+0.0478i	-0.0265+0.0424i	-0.1672+0.5023i	0.8413-0.5218i	-5.2316+1.4332i	4.7962-0.1467i

43.5	-0.0829+0.0761i	0.0033+0.0688i	-0.0337+0.0543i	-0.0314+0.0478i	-0.1792+0.6370i	0.8312-0.5708i	-5.5140+1.5129i	4.7231-0.1612i
43.6	-0.0776+0.0867i	-0.0056+0.0726i	-0.0349+0.0583i	-0.0319+0.0528i	-0.1649+0.4932i	0.8145-0.5399i	-5.4500+1.2794i	4.7133-0.2484i
43.7	-0.0735+0.0921i	-0.0058+0.0750i	-0.0335+0.0608i	-0.0302+0.0563i	-0.0473+0.4734i	0.7360-0.5592i	-5.3364+1.3266i	4.7044-0.2745i
43.8	-0.0672+0.0900i	-0.0072+0.0790i	-0.0325+0.0611i	-0.0296+0.0569i	-0.0680+0.5069i	0.7765-0.6112i	-5.2899+1.3547i	4.8327-0.3048i
43.9	-0.0698+0.0806i	-0.0020+0.0851i	-0.0317+0.0594i	-0.0283+0.0550i	0.0584+0.4691i	0.7228-0.5534i	-5.2411+1.3650i	4.7823-0.1848i
44.0	-0.0790+0.0826i	-0.0017+0.0821i	-0.0356+0.0597i	-0.0316+0.0545i	0.1384+0.4717i	0.5748-0.6045i	-5.1027+1.3485i	4.6700-0.2778i
44.1	-0.0844+0.0995i	-0.0111+0.0805i	-0.0413+0.0650i	-0.0360+0.0594i	0.0093+0.6334i	0.5856-0.7481i	-5.1581+1.4944i	4.7185-0.4044i
44.2	-0.0739+0.1132i	-0.0154+0.0907i	-0.0391+0.0722i	-0.0338+0.0676i	-0.1740+0.5166i	0.7155-0.7961i	-5.2626+1.5595i	4.9296-0.4327i
44.3	-0.0662+0.1126i	-0.0129+0.0970i	-0.0364+0.0748i	-0.0304+0.0682i	-0.1287+0.5138i	0.6377-0.7863i	-5.2052+1.6118i	4.9012-0.4112i
44.4	-0.0620+0.1149i	-0.0048+0.1014i	-0.0327+0.0763i	-0.0273+0.0692i	-0.1423+0.5694i	0.6033-0.8332i	-5.1795+1.7325i	4.9164-0.4284i
44.5	-0.0633+0.1161i	-0.0049+0.1042i	-0.0328+0.0791i	-0.0280+0.0697i	-0.1258+0.6363i	0.6352-0.8138i	-5.3775+1.8025i	4.8837-0.2937i
44.6	-0.0569+0.1159i	-0.0051+0.1137i	-0.0317+0.0834i	-0.0254+0.0733i	0.0196+0.6365i	0.5137-0.7672i	-5.2057+1.6692i	4.8199-0.3235i
44.7	-0.0541+0.1044i	0.0052+0.1119i	-0.0276+0.0792i	-0.0208+0.0692i	0.1204+0.7748i	0.4400-0.8459i	-5.0454+1.6844i	4.7899-0.4483i
44.8	-0.0633+0.1017i	0.0063+0.1001i	-0.0313+0.0754i	-0.0241+0.0646i	0.1914+0.7527i	0.3468-0.7207i	-5.1031+1.5319i	4.6282-0.3600i
44.9	-0.0717+0.1109i	-0.0076+0.0927i	-0.0383+0.0767i	-0.0324+0.0653i	0.0823+0.5583i	0.4028-0.6522i	-5.1032+1.4276i	4.8288-0.2888i
45.0	-0.0713+0.1347i	-0.0163+0.1100i	-0.0413+0.0912i	-0.0356+0.0771i	-0.0033+0.6336i	0.4259-0.7866i	-5.2688+1.7126i	4.8600-0.3802i
45.1	-0.0513+0.1406i	-0.0083+0.1189i	-0.0323+0.0964i	-0.0267+0.0815i	0.0923+0.8119i	0.3626-0.8925i	-5.2598+1.8013i	4.8064-0.5342i
45.2	-0.0358+0.1333i	-0.0030+0.1181i	-0.0246+0.0939i	-0.0204+0.0792i	0.2648+0.7595i	0.2967-0.8681i	-5.0100+1.8456i	4.8426-0.4630i
45.3	-0.0268+0.1184i	-0.0009+0.1220i	-0.0198+0.0905i	-0.0176+0.0757i	0.2602+0.6087i	0.2800-0.8363i	-4.8505+1.7440i	4.9449-0.4281i
45.4	-0.0337+0.0949i	0.0093+0.1194i	-0.0188+0.0822i	-0.0170+0.0675i	0.2117+0.5854i	0.2365-0.8141i	-4.8623+1.6239i	4.9391-0.4361i
45.5	-0.0566+0.0882i	0.0099+0.1052i	-0.0268+0.0746i	-0.0251+0.0611i	0.1819+0.6492i	0.2642-0.7734i	-5.0026+1.6149i	4.9340-0.3932i
45.6	-0.0792+0.1078i	-0.0021+0.1024i	-0.0384+0.0806i	-0.0359+0.0658i	0.2811+0.8508i	0.2531-0.8622i	-5.1237+2.1009i	4.9423-0.3114i
45.7	-0.0870+0.1299i	-0.0179+0.1125i	-0.0458+0.0913i	-0.0444+0.0752i	0.2695+0.8518i	0.3627-0.8580i	-5.0665+2.3005i	5.1840-0.2015i
45.8	-0.0761+0.1384i	-0.0152+0.1236i	-0.0415+0.0990i	-0.0404+0.0829i	0.2851+0.8197i	0.3071-0.9637i	-4.8202+2.1162i	5.2972-0.4998i
45.9	-0.0856+0.1574i	-0.0203+0.1314i	-0.0469+0.1093i	-0.0454+0.0913i	0.2609+0.9313i	0.2221-0.9724i	-4.9581+2.0133i	5.1688-0.6247i
46.0	-0.0702+0.1832i	-0.0183+0.1511i	-0.0409+0.1249i	-0.0400+0.1058i	0.3714+0.8231i	0.2166-0.9263i	-5.0354+1.8176i	5.1278-0.6212i
46.1	-0.0501+0.1846i	-0.0048+0.1608i	-0.0298+0.1292i	-0.0287+0.1094i	0.4464+0.8384i	0.1698-0.9704i	-5.0383+1.7351i	5.0326-0.7361i
46.2	-0.0299+0.1831i	0.0163+0.1590i	-0.0153+0.1293i	-0.0163+0.1078i	0.3888+0.9163i	0.1452-1.0972i	-4.9562+1.9908i	5.1041-0.7884i
46.3	0.0067+0.1771i	0.0329+0.1502i	0.0050+0.1259i	-0.0003+0.1023i	0.5316+0.7914i	0.0604-1.0585i	-4.8608+1.9731i	5.0594-0.7106i
46.4	0.0081+0.1549i	0.0309+0.1393i	0.0055+0.1139i	-0.0010+0.0909i	0.6502+0.9011i	-0.1414-1.1154i	-4.5689+1.7425i	4.9420-0.9326i
46.5	0.0024+0.1402i	0.0296+0.1280i	0.0030+0.1040i	-0.0051+0.0833i	0.5898+0.8688i	-0.0810-1.1014i	-4.6565+2.1525i	5.1035-0.6461i
46.6	-0.0014+0.1327i	0.0265+0.1265i	0.0024+0.1014i	-0.0072+0.0810i	0.6210+0.8296i	-0.0583-1.0984i	-4.7148+2.1191i	5.1552-0.6715i
46.7	-0.0064+0.1248i	0.0254+0.1297i	-0.0002+0.0999i	-0.0109+0.0790i	0.5202+0.8386i	-0.0385-1.0981i	-4.6784+1.9326i	5.3353-0.7075i
46.8	-0.0194+0.1123i	0.0194+0.1191i	-0.0046+0.0911i	-0.0159+0.0723i	0.7475+0.5920i	-0.1326-0.9048i	-4.5015+1.6377i	5.2655-0.5398i
46.9	-0.0311+0.1121i	0.0110+0.1178i	-0.0100+0.0893i	-0.0218+0.0725i	0.7131+0.5528i	-0.0412-0.8766i	-4.7239+1.6608i	5.3231-0.4750i
47.0	-0.0401+0.1262i	0.0040+0.1296i	-0.0165+0.0969i	-0.0290+0.0799i	0.7407+0.6701i	-0.0911-0.9516i	-4.9186+1.6242i	5.1879-0.7011i
47.1	-0.0390+0.1308i	0.0076+0.1381i	-0.0148+0.1043i	-0.0273+0.0870i	0.6172+0.7745i	0.0017-0.9817i	-5.4633+1.8960i	5.0507-0.6648i
47.2	-0.0432+0.1290i	0.0082+0.1331i	-0.0157+0.1036i	-0.0292+0.0857i	0.6728+0.6418i	-0.0405-0.9591i	-5.2636+1.6204i	5.1554-0.7725i
47.3	-0.0534+0.1358i	-0.0015+0.1326i	-0.0216+0.1041i	-0.0348+0.0873i	0.7818+0.6121i	-0.1473-0.9910i	-4.9193+1.6426i	5.2774-0.7597i
47.4	-0.0504+0.1554i	-0.0063+0.1486i	-0.0231+0.1179i	-0.0361+0.1003i	0.7775+0.8401i	-0.1631-1.2358i	-4.8587+1.9924i	5.3755-0.9762i
47.5	-0.0288+0.1607i	0.0061+0.1573i	-0.0119+0.1224i	-0.0270+0.1042i	0.8778+0.8222i	-0.2154-1.2445i	-4.7807+2.0020i	5.3151-0.9649i
47.6	-0.0179+0.1547i	0.0166+0.1560i	-0.0035+0.1178i	-0.0206+0.1010i	0.9322+0.7324i	-0.3245-1.2602i	-4.5779+1.9755i	5.3246-0.9451i
47.7	-0.0172+0.1509i	0.0176+0.1523i	0.0003+0.1144i	-0.0190+0.0976i	0.9991+0.7265i	-0.3683-1.1688i	-4.7597+1.9516i	5.1677-0.8565i
47.8	-0.0206+0.1578i	0.0092+0.1618i	-0.0037+0.1191i	-0.0229+0.1033i	0.9885+0.7304i	-0.3803-1.2742i	-4.6010+1.7298i	5.4557-1.1372i
47.9	-0.0159+0.1505i	0.0214+0.1670i	0.0010+0.1170i	-0.0177+0.1015i	1.0301+0.6769i	-0.5904-1.3112i	-4.6575+1.4190i	5.1629-1.4495i
48.0	-0.0250+0.1563i	0.0186+0.1667i	-0.0027+0.1202i	-0.0226+0.1053i	0.9210+0.6296i	-0.4434-1.2847i	-4.9985+1.6608i	5.2738-1.2239i
48.1	-0.0019+0.1501i	0.0316+0.1694i	0.0082+0.1185i	-0.0119+0.1046i	0.9723+0.6218i	-0.6842-1.3900i	-4.5516+1.4714i	5.3150-1.4721i
48.2	-0.0162+0.1397i	0.0214+0.1623i	-0.0010+0.1116i	-0.0201+0.1002i	0.9585+0.4199i	-0.5660-1.2839i	-4.7864+1.6838i	5.4034-1.0446i
48.3	-0.0083+0.1468i	0.0242+0.1740i	0.0044+0.1184i	-0.0166+0.1068i	0.9926+0.5883i	-0.6060-1.4145i	-4.6901+1.9714i	5.4587-1.1832i
48.4	-0.0009+0.1250i	0.0392+0.1673i	0.0119+0.1081i	-0.0088+0.0976i	1.0665+0.5098i	-0.7469-1.4022i	-4.5152+1.7446i	5.4215-1.2070i
48.5	-0.0123+0.1122i	0.0415+0.1575i	0.0087+0.1014i	-0.0126+0.0913i	1.1618+0.4911i	-0.8524-1.3167i	-4.7223+1.5972i	5.2081-1.2203i
48.6	-0.0190+0.1088i	0.0429+0.1524i	0.0066+0.0978i	-0.0145+0.0899i	1.0861+0.6154i	-0.7902-1.4256i	-4.8654+1.8114i	5.3327-1.3225i
48.7	-0.0332+0.0993i	0.0318+0.1426i	-0.0022+0.0908i	-0.0236+0.0837i	1.0028+0.5517i	-0.7303-1.2863i	-5.1051+1.7936i	5.3755-1.0560i
48.8	-0.0583+0.1071i	0.0209+0.1425i	-0.0151+0.0942i	-0.0352+0.0865i	1.0077+0.4323i	-0.9093-1.2556i	-4.8845+1.3765i	5.4220-1.3106i
48.9	-0.0521+0.1285i	0.0201+0.1535i	-0.0135+0.1053i	-0.0341+0.0960i	1.1083+0.6065i	-0.9936-1.3339i	-4.8598+1.5219i	5.2516-1.4530i
49.0	-0.0383+0.1336i	0.0183+0.1672i	-0.0086+0.1106i	-0.0303+0.1031i	1.1328+0.6182i	-0.8601-1.3160i	-5.2546+1.8211i	5.2325-1.2265i
49.1	-0.0317+0.1189i	0.0284+0.1729i	-0.0022+0.1066i	-0.0237+0.1011i	1.2513+0.2822i	-0.9868-1.1712i	-5.0973+1.5055i	5.2072-1.0003i
49.2	-0.0552+0.0935i	0.0333+0.1531i	-0.0075+0.0927i	-0.0283+0.0871i	1.2847+0.4705i	-1.2086-1.1569i	-4.9740+1.3141i	5.0038-1.2100i
49.3	-0.0780+0.0993i	0.0280+0.1517i	-0.0195+0.0941i	-0.0401+0.0882i	1.1818+0.4869i	-1.1776-1.1981i	-5.1252+1.4167i	5.1980-1.2722i
49.4	-0.0933+0.1281i	0.0190+0.1630i	-0.0294+0.1072i	-0.0503+0.1000i	0.9642+0.4951i	-0.9065-1.2887i	-5.4399+1.5930i	5.6567-1.3461i
49.5	-0.0791+0.1457i	0.0138+0.1733i	-0.0247+0.1164i	-0.0476+0.1095i	1.1159+0.4912i	-0.9978-1.1832i	-5.4279+1.7481i	5.3723-1.1057i
49.6	-0.0715+0.1318i	0.0238+0.1757i	-0.0215+0.1118i	-0.0462+0.1056i	1.1794+0.5372i	-1.2143-1.1695i	-5.1694+1.7828i	5.2154-1.1489i
49.7	-0.1008+0.1233i	0.0212+0.1724i	-0.0298+0.1073i	-0.0531+0.1026i	1.1575+0.5379i	-1.1098-1.3355i	-5.2363+2.2097i	5.5036-0.9452i

49.8	-0.1380+0.1366i	0.0038+0.1670i	-0.0367+0.1100i	-0.0583+0.1046i	1.2137+0.5374i	-1.2106-1.2090i	-5.3742+1.8405i	5.3814-1.0974i
49.9	-0.1063+0.1742i	0.0201+0.1853i	-0.0309+0.1273i	-0.0526+0.1221i	1.1960+0.5625i	-1.2779-1.2609i	-5.2260+1.6945i	5.4860-1.4269i
50.0	-0.0919+0.1331i	0.0244+0.1640i	-0.0217+0.1066i	-0.0436+0.1037i	1.3593+0.5584i	-1.4385-1.0644i	-5.5706+1.4348i	4.9139-1.3843i
50.1	-0.1234+0.1320i	0.0145+0.1626i	-0.0357+0.1073i	-0.0581+0.1048i	1.2977+0.4811i	-1.3762-1.0425i	-5.8391+1.4408i	5.0886-1.4324i
50.2	-0.1402+0.1518i	0.0116+0.1724i	-0.0458+0.1168i	-0.0676+0.1148i	1.2273+0.6120i	-1.3634-1.2830i	-5.6061+1.7479i	5.4320-1.5777i
50.3	-0.1520+0.1697i	0.0032+0.1804i	-0.0536+0.1257i	-0.0756+0.1238i	1.2327+0.6079i	-1.3609-1.2661i	-5.7804+1.7735i	5.3927-1.5698i
50.4	-0.1439+0.1924i	0.0093+0.1884i	-0.0445+0.1377i	-0.0685+0.1363i	1.1380+0.5544i	-1.4294-1.2822i	-6.0035+1.6211i	5.3144-1.8785i
50.5	-0.1357+0.2045i	0.0158+0.1988i	-0.0444+0.1449i	-0.0679+0.1448i	1.3331+0.5744i	-1.5748-1.2881i	-5.6105+1.8158i	5.2728-1.7631i
50.6	-0.1383+0.2076i	0.0249+0.1990i	-0.0406+0.1439i	-0.0633+0.1439i	1.3512+0.6483i	-1.7402-1.2814i	-5.4147+1.6970i	5.2447-1.9529i
50.7	-0.1667+0.2200i	0.0130+0.1976i	-0.0533+0.1480i	-0.0776+0.1471i	1.2882+0.7092i	-1.7306-1.2039i	-5.6735+1.7602i	5.2786-1.8104i
50.8	-0.1666+0.2690i	0.0071+0.2189i	-0.0525+0.1709i	-0.0797+0.1691i	1.3825+0.6609i	-1.7985-1.2211i	-5.7101+1.7793i	5.2397-1.8793i
50.9	-0.1324+0.2888i	0.0246+0.2333i	-0.0354+0.1801i	-0.0633+0.1810i	1.5162+0.6156i	-1.7594-1.3771i	-5.4377+2.2005i	5.4254-1.7045i
51.0	-0.1143+0.2818i	0.0376+0.2300i	-0.0272+0.1762i	-0.0538+0.1790i	1.3055+0.5595i	-1.7356-1.3773i	-5.4646+2.1017i	5.7865-1.8414i
51.1	-0.1295+0.2908i	0.0278+0.2328i	-0.0346+0.1814i	-0.0617+0.1843i	1.3950+0.6206i	-1.8175-1.3815i	-5.3410+2.0958i	5.8311-1.9714i
51.2	-0.0750+0.3272i	0.0571+0.2602i	-0.0042+0.2023i	-0.0342+0.2099i	1.4987+0.7731i	-2.0475-1.4017i	-5.2945+2.2910i	5.3874-2.0655i
51.3	-0.0285+0.2754i	0.0890+0.2379i	0.0188+0.1721i	-0.0080+0.1827i	1.5483+0.7494i	-2.1048-1.2647i	-5.1823+2.4273i	5.3670-1.6397i
51.4	-0.0618+0.2291i	0.0810+0.2093i	0.0029+0.1438i	-0.0207+0.1544i	1.5295+0.6398i	-2.0957-1.1212i	-5.2593+2.2767i	5.5695-1.4509i
51.5	-0.1446+0.2212i	0.0373+0.1857i	-0.0415+0.1396i	-0.0625+0.1466i	1.4321+0.7206i	-2.0407-1.0802i	-5.7491+2.0721i	5.5461-1.6014i
51.6	-0.1885+0.2658i	-0.0002+0.1996i	-0.0688+0.1618i	-0.0913+0.1655i	1.3730+0.7636i	-1.9458-1.0350i	-6.3934+2.1648i	5.3096-1.6700i
51.7	-0.1975+0.3210i	-0.0129+0.2333i	-0.0738+0.1908i	-0.0992+0.1958i	1.4644+0.8182i	-1.8695-1.1436i	-6.5111+2.5541i	5.3745-1.7226i
51.8	-0.1792+0.3629i	-0.0036+0.2644i	-0.0652+0.2135i	-0.0931+0.2197i	1.5837+0.7129i	-1.9531-1.1614i	-6.0671+2.5859i	5.7232-1.6294i
51.9	-0.1467+0.3785i	0.0164+0.2760i	-0.0487+0.2228i	-0.0754+0.2323i	1.6304+0.6823i	-2.0924-1.1183i	-6.0762+2.4319i	5.4800-1.6677i
52.0	-0.1200+0.4017i	0.0367+0.2809i	-0.0324+0.2333i	-0.0562+0.2444i	1.5270+0.9889i	-2.1929-1.2731i	-6.0843+2.7672i	5.3300-2.1123i
52.1	-0.0747+0.4302i	0.0630+0.2956i	-0.0080+0.2479i	-0.0315+0.2598i	1.5370+1.0455i	-2.3082-1.4652i	-5.7871+2.9580i	5.4469-2.5461i
52.2	-0.0341+0.4261i	0.0848+0.3081i	0.0121+0.2508i	-0.0104+0.2648i	1.6911+1.0291i	-2.3435-1.3325i	-5.7609+3.2577i	5.3130-2.0734i
52.3	-0.0295+0.3883i	0.0961+0.2792i	0.0175+0.2279i	-0.0028+0.2416i	1.6409+1.0372i	-2.4956-1.1949i	-5.8843+2.9915i	5.1280-2.1601i
52.4	-0.0529+0.3795i	0.0886+0.2592i	0.0064+0.2181i	-0.0140+0.2304i	1.5368+1.1871i	-2.5757-1.1344i	-6.0042+2.8358i	5.2340-2.3488i
52.5	-0.0374+0.4325i	0.0950+0.2872i	0.0142+0.2440i	-0.0065+0.2576i	1.8094+1.2281i	-2.5907-1.2685i	-5.5662+3.1711i	5.4046-2.3729i
52.6	0.0200+0.4366i	0.1245+0.2946i	0.0436+0.2473i	0.0239+0.2616i	2.1634+1.1949i	-2.5839-1.1752i	-5.3619+3.4816i	5.2712-1.8714i
52.7	0.0318+0.3737i	0.1217+0.2571i	0.0446+0.2146i	0.0283+0.2287i	1.8945+1.3619i	-2.7024-0.8726i	-5.9488+3.0294i	4.9911-1.9736i
52.8	-0.0238+0.3318i	0.0945+0.2273i	0.0177+0.1921i	0.0018+0.2026i	1.8591+1.3662i	-2.8003-0.8482i	-6.0340+2.9111i	4.8738-2.1335i
52.9	-0.0686+0.3925i	0.0689+0.2548i	-0.0063+0.2227i	-0.0258+0.2310i	1.8483+1.2416i	-2.6196-0.8801i	-6.0867+3.0931i	5.4544-1.9216i
53.0	-0.0438+0.4360i	0.0778+0.2862i	0.0055+0.2478i	-0.0155+0.2573i	2.0789+1.3437i	-2.4738-1.0008i	-5.8457+3.6488i	5.7600-1.7374i
53.1	-0.0134+0.4313i	0.1004+0.2875i	0.0237+0.2462i	0.0011+0.2569i	2.3724+1.3746i	-2.5676-1.1667i	-5.0183+3.7655i	6.1463-1.9189i
53.2	-0.0230+0.4503i	0.0906+0.3015i	0.0167+0.2571i	-0.0056+0.2685i	2.2014+1.4149i	-2.5687-0.9537i	-5.6211+3.6121i	5.9821-1.9957i
53.3	-0.0097+0.4656i	0.0950+0.3118i	0.0231+0.2658i	-0.0006+0.2766i	2.5104+1.4185i	-2.4927-0.8421i	-5.6709+3.7530i	5.8717-1.7089i
53.4	0.0369+0.4780i	0.1246+0.3206i	0.0485+0.2722i	0.0264+0.2862i	2.5706+1.3052i	-2.6041-0.8949i	-5.3518+3.5849i	5.8830-2.0027i
53.5	0.0665+0.4222i	0.1451+0.2829i	0.0635+0.2391i	0.0460+0.2561i	2.4484+1.3929i	-2.7505-0.7889i	-5.5219+3.4033i	5.7019-2.2064i
53.6	0.0103+0.3997i	0.1137+0.2662i	0.0339+0.2253i	0.0161+0.2419i	2.5097+1.3054i	-2.7110-0.8602i	-5.5576+3.3061i	5.9889-2.1588i
53.7	-0.0063+0.4373i	0.1054+0.2904i	0.0258+0.2455i	0.0066+0.2626i	2.8003+1.2309i	-2.6067-0.8801i	-5.4421+3.4461i	6.0762-2.0157i
53.8	0.0042+0.4759i	0.1162+0.3130i	0.0330+0.2658i	0.0121+0.2843i	2.8347+1.0867i	-2.4984-1.1355i	-5.2690+3.8222i	6.5740-2.2046i
53.9	0.0362+0.5297i	0.1326+0.3431i	0.0475+0.2945i	0.0290+0.3158i	2.6070+1.1255i	-2.6757-1.3020i	-5.3832+3.7873i	6.6351-2.8222i
54.0	0.1094+0.5164i	0.1824+0.3396i	0.0881+0.2878i	0.0738+0.3122i	2.8872+1.1928i	-2.8426-1.2906i	-5.1241+3.7427i	6.2901-2.9109i
54.1	0.0570+0.4625i	0.1605+0.2964i	0.0613+0.2562i	0.0499+0.2765i	3.0895+1.1576i	-2.7812-1.0136i	-5.2928+3.4647i	6.2839-2.4472i
54.2	0.0320+0.5169i	0.1314+0.3218i	0.0435+0.2845i	0.0299+0.3040i	3.1642+1.2146i	-2.6079-0.9745i	-5.5185+3.7272i	6.4854-2.3890i
54.3	0.0832+0.5541i	0.1570+0.3494i	0.0694+0.3069i	0.0550+0.3276i	3.4911+1.0388i	-2.5291-1.1653i	-5.1347+3.9602i	6.6468-2.5187i
54.4	0.1177+0.5734i	0.1712+0.3620i	0.0850+0.3177i	0.0728+0.3374i	3.4002+1.0207i	-2.7140-1.0865i	-5.3520+3.4699i	6.4046-2.7859i
54.5	0.1550+0.5429i	0.1954+0.3448i	0.1052+0.3004i	0.0950+0.3207i	3.3032+0.9311i	-2.9529-1.1862i	-5.2094+3.3763i	6.1535-3.0387i
54.6	0.1419+0.4881i	0.2022+0.3041i	0.1044+0.2696i	0.0960+0.2882i	3.3259+0.7462i	-3.2047-1.3229i	-4.7802+3.3367i	6.0893-3.1303i
54.7	0.0847+0.4988i	0.1721+0.2936i	0.0745+0.2715i	0.0657+0.2855i	3.4973+0.8697i	-3.0701-1.1425i	-5.1627+3.4471i	6.2198-2.9241i
54.8	0.1003+0.5534i	0.1622+0.3176i	0.0754+0.2984i	0.0675+0.3119i	3.3589+0.8873i	-3.2367-1.1961i	-5.3011+3.3397i	6.1995-3.3774i
54.9	0.1685+0.5824i	0.1857+0.3404i	0.1066+0.3167i	0.0985+0.3309i	3.3775+0.8197i	-3.3845-1.3490i	-5.2532+3.4714i	6.0469-3.6705i
55.0	0.2096+0.5807i	0.2056+0.3468i	0.1283+0.3190i	0.1187+0.3325i	3.4414+0.7128i	-3.4112-1.4073i	-5.2998+3.6191i	6.0034-3.6437i
55.1	0.2346+0.5615i	0.2170+0.3424i	0.1400+0.3105i	0.1303+0.3240i	3.4510+0.7747i	-3.5814-1.3470i	-5.2824+3.6047i	5.7654-3.5842i
55.2	0.2446+0.5681i	0.2153+0.3511i	0.1451+0.3167i	0.1340+0.3291i	3.4475+0.9749i	-3.7784-1.1211i	-5.3902+3.4398i	5.4933-3.5153i
55.3	0.2619+0.5584i	0.2239+0.3550i	0.1545+0.3139i	0.1414+0.3244i	3.6252+0.9544i	-3.6885-0.8075i	-5.6261+3.2285i	5.3650-3.2063i
55.4	0.2952+0.5225i	0.2499+0.3427i	0.1743+0.2967i	0.1605+0.3097i	3.7666+0.9472i	-3.5872-0.7954i	-5.7570+3.4917i	5.4168-3.1332i
55.5	0.2649+0.4989i	0.2365+0.3266i	0.1587+0.2825i	0.1441+0.2971i	3.7732+0.6063i	-3.6236-0.9682i	-5.5884+3.4352i	5.8023-3.0683i
55.6	0.2549+0.5275i	0.2281+0.3445i	0.1509+0.2979i	0.1377+0.3143i	3.8684+0.4881i	-3.7028-1.0702i	-5.5403+3.4799i	5.9072-3.1931i
55.7	0.3120+0.5269i	0.2620+0.3521i	0.1808+0.3003i	0.1685+0.3181i	3.6482+0.6170i	-4.0413-1.0597i	-5.3829+3.5663i	5.7126-3.4338i
55.8	0.3401+0.5250i	0.2791+0.3556i	0.1977+0.3000i	0.1844+0.3176i	3.7511+0.7720i	-4.1311-0.8727i	-5.3383+3.5928i	5.4938-3.4259i
55.9	0.3584+0.4977i	0.2948+0.3412i	0.2068+0.2876i	0.1960+0.3046i	3.8079+0.6960i	-4.1713-0.7878i	-5.4228+3.5220i	5.5632-3.3193i
56.0	0.3331+0.4577i	0.2843+0.3173i	0.1940+0.2658i	0.1819+0.2817i	3.9387+0.6300i	-4.1072-0.6310i	-5.6203+3.1675i	5.7318-3.0865i

56.1	0.2847+0.4737i	0.2560+0.3268i	0.1687+0.2746i	0.1571+0.2904i	3.8452+0.5293i	-4.1271-0.7207i	-5.7668+3.3414i	5.9188-3.2460i
56.2	0.3342+0.5166i	0.2892+0.3545i	0.1974+0.2965i	0.1853+0.3163i	4.0027+0.4979i	-4.0572-0.8624i	-5.8970+3.8826i	5.9976-3.4681i
56.3	0.3876+0.5224i	0.3196+0.3582i	0.2252+0.2989i	0.2141+0.3197i	4.0540+0.5938i	-4.2092-0.8037i	-5.7476+3.9332i	5.8106-3.6001i
56.4	0.4102+0.5080i	0.3315+0.3513i	0.2355+0.2925i	0.2266+0.3120i	4.1145+0.7162i	-4.3463-0.5988i	-5.6145+3.6558i	5.5240-3.5524i
56.5	0.4270+0.4959i	0.3436+0.3489i	0.2439+0.2890i	0.2375+0.3079i	4.1307+0.7532i	-4.3891-0.5971i	-5.7094+3.7368i	5.6566-3.6014i
56.6	0.4446+0.4778i	0.3596+0.3406i	0.2545+0.2787i	0.2503+0.2993i	4.0931+0.5450i	-4.4773-0.7887i	-5.6567+3.9580i	5.8863-3.6767i
56.7	0.4489+0.4571i	0.3657+0.3300i	0.2576+0.2695i	0.2548+0.2875i	4.4040+0.4048i	-4.5108-0.7665i	-5.3780+3.8654i	5.7120-3.5099i
56.8	0.4653+0.4378i	0.3790+0.3192i	0.2683+0.2602i	0.2643+0.2773i	4.5043+0.4760i	-4.5481-0.5867i	-5.5576+3.7887i	5.7670-3.5766i
56.9	0.4638+0.4086i	0.3798+0.2992i	0.2673+0.2427i	0.2640+0.2604i	4.4046+0.4014i	-4.6711-0.7238i	-5.4173+3.8662i	5.9199-3.6307i
57.0	0.4687+0.3818i	0.3870+0.2834i	0.2685+0.2288i	0.2681+0.2460i	4.3320+0.1851i	-4.7649-0.7760i	-5.3485+3.8829i	6.0314-3.5734i
57.1	0.4678+0.3588i	0.3893+0.2694i	0.2670+0.2181i	0.2679+0.2341i	4.3140+0.3067i	-4.7411-0.6936i	-5.7096+4.1502i	6.1699-3.7155i
57.2	0.4263+0.3700i	0.3623+0.2733i	0.2437+0.2240i	0.2431+0.2394i	4.3190+0.4871i	-4.8038-0.5663i	-5.9646+4.0798i	6.3194-3.8072i
57.3	0.4165+0.3900i	0.3602+0.2920i	0.2406+0.2370i	0.2393+0.2524i	4.3644+0.5078i	-5.0604-0.4452i	-5.7258+3.6375i	6.1102-3.8487i
57.4	0.4351+0.3959i	0.3781+0.2936i	0.2534+0.2397i	0.2518+0.2533i	4.7087+0.3172i	-5.0328-0.4427i	-5.7053+3.7092i	6.0818-3.7389i
57.5	0.4691+0.4232i	0.3913+0.3123i	0.2683+0.2563i	0.2679+0.2701i	4.7902+0.4694i	-5.0992-0.4542i	-5.6726+3.9468i	6.1318-3.8910i
57.6	0.5029+0.4038i	0.4131+0.3062i	0.2864+0.2472i	0.2854+0.2624i	4.9075+0.5020i	-4.9870-0.4112i	-5.7608+4.1279i	6.0373-3.9418i
57.7	0.5170+0.3861i	0.4269+0.3014i	0.2954+0.2387i	0.2936+0.2557i	5.0423+0.2788i	-4.9101-0.4399i	-6.0490+4.1690i	6.2463-3.7363i
57.8	0.5138+0.3627i	0.4283+0.2842i	0.2964+0.2270i	0.2935+0.2421i	5.0757+0.2112i	-5.0202-0.3821i	-6.0035+4.1727i	6.2156-3.8152i
57.9	0.5129+0.3442i	0.4309+0.2739i	0.2961+0.2172i	0.2941+0.2306i	5.1891+0.1820i	-5.0651-0.3036i	-6.0712+4.0613i	6.2715-3.8888i
58.0	0.5207+0.3272i	0.4403+0.2653i	0.3023+0.2086i	0.3001+0.2209i	5.3670+0.2041i	-5.2004-0.2999i	-5.7565+4.1999i	6.2116-4.0743i
58.1	0.5264+0.3149i	0.4506+0.2541i	0.3071+0.2023i	0.3053+0.2128i	5.2914+0.3005i	-5.3707-0.1498i	-5.8004+4.0711i	6.2363-4.3414i
58.2	0.5182+0.3018i	0.4502+0.2414i	0.3043+0.1952i	0.3025+0.2045i	5.3475+0.3036i	-5.4794-0.1366i	-5.9131+4.0479i	6.3678-4.3218i
58.3	0.5011+0.2951i	0.4315+0.2382i	0.2916+0.1919i	0.2884+0.2005i	5.4415+0.2472i	-5.4817-0.0912i	-5.9371+4.1039i	6.2784-4.3092i
58.4	0.5083+0.3082i	0.4387+0.2548i	0.2957+0.2029i	0.2925+0.2116i	5.5173+0.2070i	-5.5253+0.0325i	-6.0712+4.0007i	6.3408-4.3510i
58.5	0.5147+0.2933i	0.4528+0.2482i	0.3035+0.1961i	0.2997+0.2048i	5.6081+0.0177i	-5.6034-0.0170i	-6.0465+4.1863i	6.5167-4.5331i
58.6	0.5317+0.2856i	0.4710+0.2480i	0.3144+0.1942i	0.3094+0.2016i	5.5954-0.1481i	-5.6408-0.0110i	-6.3855+4.2598i	6.7742-4.6525i
58.7	0.5366+0.2895i	0.4752+0.2563i	0.3168+0.1969i	0.3119+0.2057i	5.8235-0.3742i	-5.6745+0.0135i	-6.5726+4.0885i	6.8091-4.5159i
58.8	0.5352+0.2638i	0.4787+0.2377i	0.3185+0.1838i	0.3137+0.1910i	5.8614-0.3460i	-5.7444+0.0238i	-6.4345+4.5325i	6.7172-4.8622i
58.9	0.5293+0.2526i	0.4826+0.2315i	0.3169+0.1796i	0.3125+0.1865i	5.7525-0.3984i	-5.9490+0.0225i	-6.4407+4.5483i	6.9536-5.0619i
59.0	0.5265+0.2401i	0.4924+0.2236i	0.3196+0.1715i	0.3159+0.1792i	6.0059-0.4520i	-5.9730+0.0362i	-6.2658+4.6316i	6.7938-5.0400i
59.1	0.5298+0.2503i	0.5026+0.2298i	0.3236+0.1776i	0.3195+0.1825i	6.1166-0.4464i	-5.9987+0.1465i	-6.5256+4.3989i	6.8875-4.9527i
59.2	0.5416+0.2444i	0.5171+0.2228i	0.3320+0.1742i	0.3249+0.1798i	6.1868-0.5238i	-6.0490+0.2099i	-6.9401+4.5613i	7.0117-5.1991i
59.3	0.5396+0.2443i	0.5201+0.2209i	0.3317+0.1724i	0.3255+0.1799i	6.0697-0.7152i	-6.2162+0.2362i	-7.2287+4.5154i	7.2948-5.3320i
59.4	0.5405+0.2317i	0.5264+0.2029i	0.3334+0.1626i	0.3291+0.1706i	6.0737-0.7127i	-6.4488+0.2370i	-7.0223+4.9862i	7.2967-5.7659i
59.5	0.5394+0.2350i	0.5311+0.2012i	0.3370+0.1641i	0.3294+0.1713i	6.1463-0.8886i	-6.5255+0.1789i	-7.0294+5.0513i	7.2342-5.7192i
59.6	0.5488+0.2214i	0.5405+0.1880i	0.3422+0.1570i	0.3335+0.1647i	5.9902-0.9433i	-6.7186+0.3864i	-7.3211+5.3491i	7.3555-6.3076i
59.7	0.5425+0.2424i	0.5369+0.2059i	0.3371+0.1708i	0.3291+0.1773i	6.2557-0.9413i	-6.6531+0.3654i	-7.5025+5.0199i	7.4109-6.0166i
59.8	0.5423+0.2390i	0.5395+0.2077i	0.3371+0.1699i	0.3283+0.1798i	6.4668-1.2895i	-6.5571+0.3217i	-7.8120+5.1263i	7.5143-6.0073i
59.9	0.5351+0.2228i	0.5430+0.1941i	0.3355+0.1590i	0.3277+0.1683i	6.7054-1.6303i	-6.5730+0.3185i	-7.4378+5.2980i	7.2593-6.1171i
60.0	0.5347+0.2030i	0.5426+0.1751i	0.3345+0.1473i	0.3249+0.1550i	6.2041-1.9299i	-7.2462-0.1327i	-7.2088+5.9012i	7.5011-6.0021i
60.1	0.5519+0.1963i	0.5626+0.1631i	0.3491+0.1442i	0.3381+0.1517i	6.3115-1.4077i	-7.1575+0.3951i	-7.3651+6.4527i	7.1875-6.9183i
60.2	0.5611+0.2034i	0.5780+0.1745i	0.3571+0.1513i	0.3456+0.1595i	6.5719-1.3981i	-7.1288+0.7554i	-7.7261+6.3161i	7.2645-7.1183i
60.3	0.5662+0.2157i	0.5910+0.1826i	0.3622+0.1584i	0.3513+0.1683i	6.7599-1.5924i	-7.2112+0.8199i	-7.9797+6.2395i	7.4999-7.1164i
60.4	0.5670+0.2157i	0.5982+0.1739i	0.3659+0.1565i	0.3549+0.1653i	6.7800-1.6150i	-7.3362+0.9908i	-7.7327+6.3842i	7.3623-7.3776i
60.5	0.5772+0.2029i	0.6131+0.1588i	0.3741+0.1490i	0.3632+0.1556i	6.8401-1.7666i	-7.5164+0.9469i	-7.5773+6.7655i	7.3930-7.6701i
60.6	0.5683+0.2037i	0.6133+0.1533i	0.3718+0.1479i	0.3589+0.1549i	6.8894-1.6824i	-7.6076+1.1929i	-7.5622+6.4466i	7.1342-7.6276i
60.7	0.5930+0.1948i	0.6353+0.1408i	0.3859+0.1412i	0.3733+0.1504i	7.0299-1.8693i	-7.7027+1.3454i	-8.0025+6.9151i	7.2671-8.0284i
60.8	0.5986+0.1903i	0.6425+0.1304i	0.3917+0.1369i	0.3788+0.1470i	7.1135-2.2250i	-7.7032+1.3093i	-8.0194+7.2711i	7.1601-8.1237i
60.9	0.6035+0.1819i	0.6447+0.1177i	0.3965+0.1318i	0.3815+0.1420i	7.1734-2.3303i	-7.7037+1.4258i	-7.9227+7.5544i	6.9112-8.3459i
61.0	0.6205+0.1838i	0.6618+0.1152i	0.4061+0.1309i	0.3908+0.1448i	7.2099-2.2908i	-7.7507+1.6111i	-8.2677+7.7355i	7.0764-8.5674i
61.1	0.6214+0.1680i	0.6740+0.0961i	0.4093+0.1208i	0.3968+0.1343i	7.2457-2.4294i	-8.0178+1.7228i	-7.9517+8.2841i	6.9695-8.9526i
61.2	0.6074+0.1650i	0.6628+0.0871i	0.4028+0.1173i	0.3890+0.1297i	7.4009-2.5295i	-8.0039+1.8137i	-7.6276+8.1768i	6.5572-8.8519i
61.3	0.6169+0.1726i	0.6675+0.0871i	0.4083+0.1197i	0.3908+0.1340i	7.6582-2.6383i	-8.0317+2.0087i	-7.6867+8.0987i	6.4105-8.8131i
61.4	0.6332+0.1609i	0.6855+0.0700i	0.4202+0.1114i	0.4035+0.1261i	7.5452-2.7699i	-8.2727+2.1943i	-7.6943+8.5770i	6.4228-9.2673i
61.5	0.6434+0.1469i	0.7064+0.0558i	0.4314+0.1036i	0.4147+0.1191i	7.7164-3.0962i	-8.4584+2.2870i	-7.8134+9.0636i	6.5869-9.7217i
61.6	0.6306+0.1482i	0.6963+0.0507i	0.4249+0.1023i	0.4065+0.1172i	7.8707-3.1894i	-8.3815+2.3849i	-7.5174+8.9935i	6.3155-9.6211i
61.7	0.6350+0.1285i	0.7003+0.0245i	0.4280+0.0884i	0.4109+0.1045i	7.7548-3.4095i	-8.3866+2.5215i	-7.1555+9.6139i	5.9714-9.9275i
61.8	0.6573+0.1214i	0.7225+0.0081i	0.4434+0.0822i	0.4280+0.1029i	7.4724-3.5593i	-8.5917+2.6740i	-7.4113+10.2783i	6.1189-10.3804i
61.9	0.6672+0.1276i	0.7311+0.0089i	0.4495+0.0843i	0.4322+0.1041i	7.7078-3.6638i	-8.6222+2.9965i	-7.5263+10.0107i	6.1249-10.3948i
62.0	0.6818+0.1204i	0.7415-0.0026i	0.4578+0.0802i	0.4406+0.0997i	7.9151-4.0175i	-8.7231+3.1601i	-7.3507+10.2053i	5.8546-10.6516i
62.1	0.6872+0.1052i	0.7392-0.0230i	0.4616+0.0678i	0.4443+0.0891i	7.9326-3.9878i	-8.6520+3.2862i	-7.0360+10.6113i	5.3774-10.8030i
62.2	0.6968+0.0963i	0.7546-0.0398i	0.4720+0.0593i	0.4546+0.0823i	7.9440-4.3492i	-8.8571+3.4986i	-6.9089+11.0316i	5.3071-11.0601i
62.3	0.6779+0.1005i	0.7467-0.0459i	0.4622+0.0594i	0.4471+0.0818i	7.7147-4.3829i	-8.9953+3.5034i	-6.3396+10.8910i	5.1531-10.7953i

62.4	0.6836+0.0761i	0.7486-0.0734i	0.4671+0.0416i	0.4519+0.0655i	7.6324-4.4031i	-9.0101+3.7208i	-5.8072+11.1715i	4.7875-11.2535i
62.5	0.7093+0.0521i	0.7626-0.0975i	0.4798+0.0273i	0.4657+0.0539i	7.9096-4.6477i	-8.8379+4.1590i	-5.8734+11.5109i	4.2938-11.4643i
62.6	0.7391+0.0462i	0.7942-0.1110i	0.5008+0.0241i	0.4854+0.0501i	8.0795-5.1456i	-8.9364+4.4796i	-6.3010+12.1185i	4.4576-11.9078i
62.7	0.7482+0.0489i	0.8034-0.1187i	0.5080+0.0205i	0.4935+0.0475i	8.3199-5.4650i	-9.0019+4.6841i	-6.2542+12.1456i	4.4751-11.9021i
62.8	0.7374+0.0526i	0.7834-0.1218i	0.4966+0.0190i	0.4839+0.0467i	8.4427-5.2132i	-9.2323+4.6896i	-5.4894+11.5932i	4.1898-11.5476i
62.9	0.7359+0.0131i	0.7738-0.1668i	0.4967-0.0077i	0.4840+0.0187i	7.7713-5.5952i	-9.2602+4.7517i	-4.4566+12.2945i	3.5100-11.8405i
63.0	0.7498-0.0025i	0.7840-0.1959i	0.5060-0.0222i	0.4967+0.0066i	7.5704-5.6480i	-9.3807+5.0678i	-4.2428+12.6757i	3.3213-12.1334i
63.1	0.7842-0.0138i	0.8107-0.2113i	0.5273-0.0309i	0.5172+0.0016i	7.9286-5.9868i	-9.1231+5.3708i	-5.0736+13.1129i	3.2309-12.4172i
63.2	0.7769-0.0380i	0.7992-0.2486i	0.5214-0.0522i	0.5134-0.0195i	7.5482-6.3646i	-9.0929+5.5709i	-4.1928+13.3591i	2.9558-12.5725i
63.3	0.7834-0.0486i	0.7978-0.2615i	0.5238-0.0578i	0.5177-0.0259i	7.3839-6.6148i	-9.0599+5.7733i	-3.7428+13.3104i	2.6058-12.6091i
63.4	0.7770-0.0632i	0.7859-0.2807i	0.5190-0.0684i	0.5123-0.0379i	7.3374-6.5636i	-8.8697+6.0195i	-3.4763+13.1642i	2.1213-12.6195i
63.5	0.7911-0.0819i	0.7966-0.3010i	0.5274-0.0824i	0.5209-0.0504i	7.4052-6.7431i	-9.0425+6.4510i	-3.3206+13.2748i	2.0350-12.8083i
63.6	0.7748-0.0747i	0.7819-0.2962i	0.5181-0.0790i	0.5107-0.0478i	7.5752-6.6512i	-9.1371+6.5593i	-2.9847+12.7311i	1.8457-12.3993i
63.7	0.7828-0.0983i	0.7871-0.3341i	0.5251-0.0987i	0.5188-0.0659i	7.4496-7.2470i	-9.0423+6.8466i	-2.7878+13.1945i	1.5864-12.7351i
63.8	0.8037-0.1214i	0.7949-0.3563i	0.5350-0.1145i	0.5303-0.0782i	7.6098-7.4722i	-8.9351+7.3222i	-2.7832+13.2496i	1.2956-13.0018i
63.9	0.8063-0.1323i	0.7867-0.3731i	0.5340-0.1227i	0.5303-0.0877i	7.5539-7.6451i	-8.8234+7.3208i	-2.4513+13.2908i	0.9887-12.7307i
64.0	0.8114-0.1608i	0.7892-0.4070i	0.5376-0.1439i	0.5349-0.1080i	7.2809-7.7622i	-8.7954+7.7563i	-2.1131+13.5266i	0.7627-12.9594i
64.1	0.8019-0.1774i	0.7710-0.4303i	0.5286-0.1580i	0.5276-0.1233i	7.1242-7.8590i	-8.7805+8.0196i	-1.3369+13.3451i	0.3219-12.9567i
64.2	0.7869-0.2014i	0.7456-0.4492i	0.5162-0.1732i	0.5172-0.1400i	6.8685-7.8302i	-8.7523+8.1367i	-0.5193+12.9853i	-0.0798-12.6634i
64.3	0.7908-0.2385i	0.7280-0.4827i	0.5114-0.1961i	0.5159-0.1624i	6.6799-8.1780i	-8.5199+8.0644i	-0.2372+13.3409i	-0.5893-12.7371i
64.4	0.8122-0.2566i	0.7320-0.5064i	0.5203-0.2092i	0.5240-0.1747i	6.8424-8.1598i	-8.2607+8.6775i	-0.4890+13.3082i	-0.8762-12.9031i
64.5	0.7940-0.2675i	0.7078-0.5183i	0.5072-0.2181i	0.5099-0.1831i	6.6894-8.4286i	-8.1488+8.8028i	-0.1370+13.0548i	-1.0426-12.6765i
64.6	0.7771-0.3000i	0.6899-0.5501i	0.4970-0.2398i	0.5010-0.2040i	6.2821-9.2851i	-7.8949+8.8117i	0.2586+13.2975i	-1.4122-12.7756i
64.7	0.7566-0.3180i	0.6651-0.5612i	0.4823-0.2496i	0.4907-0.2166i	5.9329-9.6092i	-7.7454+8.8253i	0.5993+12.8777i	-1.7310-12.2184i
64.8	0.7675-0.3347i	0.6656-0.5740i	0.4879-0.2595i	0.4951-0.2256i	6.3481-9.7286i	-7.6970+9.3837i	0.5811+12.8492i	-1.7353-12.3241i
64.9	0.7490-0.3567i	0.6364-0.5837i	0.4730-0.2719i	0.4804-0.2379i	6.2053-9.6962i	-7.3232+9.4475i	0.9609+12.6522i	-2.1896-12.1309i
65.0	0.7425-0.3965i	0.6224-0.6143i	0.4670-0.2955i	0.4755-0.2586i	5.6260-10.0421i	-7.1128+9.7245i	1.3454+12.9259i	-2.4513-12.1256i
65.1	0.7346-0.4132i	0.6190-0.6338i	0.4636-0.3073i	0.4742-0.2685i	5.3917-10.2996i	-7.1559+10.2532i	1.4981+12.8096i	-2.5565-12.4883i
65.2	0.7195-0.4282i	0.6068-0.6545i	0.4557-0.3194i	0.4687-0.2820i	5.0142-10.5798i	-7.1229+10.3991i	1.7788+13.0265i	-2.7173-12.5147i
65.3	0.7035-0.4191i	0.5955-0.6463i	0.4459-0.3143i	0.4592-0.2766i	5.4735-10.9245i	-6.7726+10.2779i	1.7678+12.5762i	-2.9121-11.9894i
65.4	0.6981-0.4242i	0.5880-0.6395i	0.4400-0.3137i	0.4551-0.2752i	5.8601-11.0127i	-6.4889+10.4863i	1.6246+12.0963i	-3.1340-11.6435i
65.5	0.6841-0.4502i	0.5618-0.6620i	0.4301-0.3286i	0.4445-0.2933i	5.1279-10.8310i	-6.4036+10.9611i	2.2232+11.9863i	-3.4844-11.7905i
65.6	0.6672-0.4699i	0.5374-0.6852i	0.4164-0.3431i	0.4338-0.3104i	4.3464-10.9355i	-6.0898+11.0288i	2.6762+12.1087i	-3.8839-11.7374i
65.7	0.6419-0.4717i	0.5180-0.6874i	0.4017-0.3447i	0.4192-0.3145i	4.0348-10.8359i	-6.0942+10.9062i	3.0808+11.8922i	-3.9956-11.3726i
65.8	0.6173-0.5006i	0.4904-0.7194i	0.3866-0.3662i	0.4059-0.3353i	3.6903-11.3705i	-5.3846+11.0680i	3.4444+11.8107i	-4.5431-11.3114i
65.9	0.6112-0.5103i	0.4876-0.7358i	0.3847-0.3753i	0.4054-0.3425i	3.6420-11.8445i	-5.1850+11.5290i	3.4099+11.7485i	-4.6481-11.3802i
66.0	0.5827-0.5130i	0.4544-0.7474i	0.3628-0.3819i	0.3867-0.3506i	3.1533-11.7475i	-5.0611+11.4773i	3.8293+11.4078i	-4.9371-10.9730i
66.1	0.5795-0.5177i	0.4370-0.7620i	0.3564-0.3882i	0.3802-0.3588i	3.2585-12.0457i	-4.4191+11.8220i	3.8204+11.1285i	-5.3003-10.8825i
66.2	0.5647-0.5312i	0.4026-0.7825i	0.3431-0.3977i	0.3663-0.3717i	2.6216-12.0140i	-3.9875+11.8911i	4.1755+11.2586i	-5.6778-10.8192i
66.3	0.5360-0.5398i	0.3554-0.7878i	0.3190-0.4030i	0.3434-0.3786i	2.0893-11.6448i	-3.6962+11.9523i	4.7960+10.9566i	-6.1418-10.5413i
66.4	0.5338-0.5343i	0.3438-0.7867i	0.3144-0.4018i	0.3392-0.3768i	2.1374-12.0219i	-3.5131+11.7791i	4.6808+10.8343i	-6.1123-10.2822i
66.5	0.5490-0.5264i	0.3344-0.7849i	0.3140-0.3997i	0.3410-0.3747i	1.9927-12.3783i	-3.3722+11.9421i	4.6577+10.3050i	-6.2117-10.0434i
66.6	0.5490-0.5233i	0.3220-0.7731i	0.3098-0.3952i	0.3363-0.3726i	1.8618-12.2967i	-3.3466+11.9875i	4.7546+9.8210i	-6.2122-9.6750i
66.7	0.5382-0.5432i	0.2926-0.7750i	0.2972-0.4018i	0.3232-0.3827i	1.0355-11.9730i	-3.2449+11.9397i	5.0307+9.8013i	-6.3937-9.4768i
66.8	0.5291-0.5687i	0.2618-0.7807i	0.2866-0.4129i	0.3112-0.3949i	0.2417-12.2009i	-2.8710+11.7914i	5.2554+9.5621i	-6.7692-9.1032i
66.9	0.5126-0.5808i	0.2459-0.7751i	0.2767-0.4163i	0.3004-0.3975i	-0.3035-12.1278i	-2.5888+11.8197i	5.1367+9.0717i	-6.8538-8.8539i
67.0	0.5011-0.5859i	0.2312-0.7644i	0.2687-0.4139i	0.2943-0.3947i	0.3552-12.4372i	-1.9950+11.6401i	5.2762+8.6163i	-7.0596-8.5063i
67.1	0.4767-0.5945i	0.1994-0.7591i	0.2513-0.4169i	0.2765-0.3993i	0.5103-11.7464i	-1.5608+11.7748i	5.6004+8.1133i	-7.3743-8.1119i
67.2	0.4672-0.6119i	0.2001-0.7687i	0.2480-0.4258i	0.2737-0.4104i	-0.3460-12.0334i	-1.7469+11.8668i	5.3069+8.0423i	-7.1360-7.8945i
67.3	0.4461-0.6283i	0.1817-0.7815i	0.2367-0.4369i	0.2614-0.4207i	-0.8778-11.5360i	-1.7834+12.1042i	5.6579+8.1658i	-7.0193-7.9413i
67.4	0.4233-0.6422i	0.1565-0.7798i	0.2205-0.4437i	0.2442-0.4255i	-0.9990-11.0351i	-1.2575+12.0798i	5.7405+7.7746i	-7.3675-7.5853i
67.5	0.4068-0.6459i	0.1459-0.7754i	0.2121-0.4445i	0.2347-0.4290i	-1.1358-11.1658i	-1.1647+11.8195i	5.6432+7.4124i	-7.3797-7.2204i
67.6	0.3809-0.6482i	0.1239-0.7733i	0.1962-0.4454i	0.2184-0.4318i	-1.3856-10.6042i	-1.0214+11.7612i	5.6743+7.1597i	-7.3536-6.8888i
67.7	0.3537-0.6592i	0.0865-0.7687i	0.1756-0.4502i	0.1953-0.4355i	-1.7683-10.5466i	-0.6697+11.7116i	5.6078+6.5442i	-7.5426-6.3624i
67.8	0.3523-0.6684i	0.0763-0.7862i	0.1737-0.4606i	0.1923-0.4435i	-2.1266-11.0693i	-0.5697+11.9392i	5.3076+6.3968i	-7.5260-6.3820i
67.9	0.3398-0.6805i	0.0572-0.7950i	0.1626-0.4664i	0.1814-0.4499i	-2.4313-11.3122i	-0.5189+12.0602i	5.2528+6.1410i	-7.5886-6.2641i
68.0	0.3145-0.7035i	0.0280-0.8027i	0.1451-0.4764i	0.1635-0.4613i	-3.1101-11.5939i	0.0366+12.0800i	4.8342+5.9150i	-7.6297-5.9460i
68.1	0.2774-0.6882i	-0.0044-0.7811i	0.1214-0.4679i	0.1396-0.4513i	-3.0457-11.1632i	0.2759+11.8842i	4.9709+5.5870i	-7.6785-5.5846i
68.2	0.2391-0.6881i	-0.0418-0.7711i	0.0968-0.4670i	0.1167-0.4493i	-3.7433-10.4518i	0.6042+11.8336i	4.8683+5.5866i	-7.8062-5.2623i
68.3	0.2239-0.6896i	-0.0711-0.7704i	0.0810-0.4669i	0.1016-0.4510i	-3.6600-10.3560i	1.1464+12.0412i	4.9558+5.5764i	-7.7944-5.1577i
68.4	0.2032-0.6773i	-0.0889-0.7471i	0.0672-0.4546i	0.0883-0.4408i	-3.3786-9.4680i	1.4208+12.0634i	5.1159+5.4085i	-7.7329-4.9401i
68.5	0.1793-0.6767i	-0.1062-0.7369i	0.0541-0.4522i	0.0739-0.4380i	-3.8264-9.6601i	1.8428+12.0098i	4.8733+4.9924i	-7.6945-4.7626i
68.6	0.1658-0.6775i	-0.1209-0.7386i	0.0459-0.4546i	0.0652-0.4373i	-4.1597-9.9925i	2.0517+12.0136i	4.5404+4.9187i	-7.6956-4.6202i

68.7	0.1409-0.6582i	-0.1414-0.7069i	0.0285-0.4393i	0.0489-0.4217i	-4.2414-9.2698i	1.9537+11.5713i	4.5387+4.6010i	-7.8480-4.2131i
68.8	0.1196-0.6407i	-0.1581-0.6804i	0.0161-0.4252i	0.0349-0.4076i	-4.3960-8.5713i	1.9899+11.3085i	4.5092+4.2954i	-7.8973-3.9102i
68.9	0.0992-0.6284i	-0.1827-0.6587i	0.0002-0.4141i	0.0209-0.3994i	-4.5016-8.8067i	2.4195+10.9128i	4.4996+3.7108i	-7.9295-3.6561i
69.0	0.0794-0.6240i	-0.1911-0.6484i	-0.0099-0.4115i	0.0143-0.3966i	-4.8399-8.7577i	2.6577+10.8635i	4.1678+3.7080i	-7.7180-3.4099i
69.1	0.0572-0.6120i	-0.2050-0.6257i	-0.0222-0.4018i	0.0003-0.3856i	-4.4260-8.0186i	2.8638+10.7982i	4.4771+3.7727i	-7.5925-3.2390i
69.2	0.0391-0.6098i	-0.2222-0.6178i	-0.0329-0.3948i	-0.0124-0.3823i	-4.9437-8.1008i	3.2442+10.6359i	3.9943+3.8668i	-7.4818-3.0431i
69.3	0.0329-0.5861i	-0.2129-0.5998i	-0.0347-0.3816i	-0.0130-0.3688i	-4.8697-8.2293i	3.1112+10.5703i	3.4394+3.4016i	-7.4071-2.5877i
69.4	0.0108-0.5784i	-0.2341-0.5890i	-0.0505-0.3782i	-0.0236-0.3644i	-5.2799-7.8366i	3.4899+10.4300i	3.3514+3.5034i	-7.4327-2.4851i
69.5	-0.0174-0.5547i	-0.2618-0.5621i	-0.0689-0.3629i	-0.0442-0.3497i	-5.4983-6.8843i	3.6867+9.7258i	3.3998+3.6990i	-7.4899-2.2423i
69.6	-0.0270-0.5396i	-0.2701-0.5477i	-0.0754-0.3536i	-0.0521-0.3407i	-5.3600-6.4339i	3.8032+9.4961i	3.4651+3.7544i	-7.3558-2.1393i
69.7	-0.0374-0.5295i	-0.2740-0.5296i	-0.0816-0.3444i	-0.0573-0.3310i	-5.2077-6.6655i	3.8250+9.4574i	3.2231+3.3467i	-7.3263-1.8601i
69.8	-0.0555-0.5086i	-0.2905-0.5086i	-0.0938-0.3310i	-0.0674-0.3184i	-5.1860-6.3499i	4.0066+9.2739i	3.1591+3.3760i	-7.1763-1.6154i
69.9	-0.0577-0.4910i	-0.2938-0.4947i	-0.0945-0.3204i	-0.0683-0.3082i	-5.4539-6.2683i	4.1735+9.2620i	2.8161+3.3142i	-7.1061-1.5033i
70.0	-0.0714-0.4717i	-0.2982-0.4742i	-0.1014-0.3060i	-0.0728-0.2949i	-5.5075-5.8188i	4.2591+9.0827i	2.5398+3.4871i	-6.9384-1.1552i
70.1	-0.0703-0.4508i	-0.2987-0.4489i	-0.1030-0.2892i	-0.0750-0.2787i	-5.3878-5.8331i	4.2068+8.8738i	2.4411+3.2079i	-6.7846-0.9886i
70.2	-0.0656-0.4206i	-0.2866-0.4198i	-0.0982-0.2703i	-0.0708-0.2613i	-4.9827-5.4692i	4.0027+8.5932i	2.4984+3.0123i	-6.6958-0.8610i
70.3	-0.0718-0.3974i	-0.2913-0.4030i	-0.1020-0.2586i	-0.0734-0.2497i	-5.0577-5.1718i	4.2371+8.2728i	2.3527+3.1264i	-6.4600-0.7008i
70.4	-0.0744-0.3898i	-0.2960-0.3899i	-0.1053-0.2530i	-0.0747-0.2445i	-5.0895-5.1360i	4.4698+8.0647i	2.2906+3.1103i	-6.3627-0.5056i
70.5	-0.0788-0.3715i	-0.3019-0.3738i	-0.1107-0.2418i	-0.0787-0.2345i	-5.1170-4.7667i	4.6635+7.8749i	1.9952+3.3083i	-6.1231-0.2990i
70.6	-0.0726-0.3540i	-0.2942-0.3672i	-0.1062-0.2344i	-0.0754-0.2261i	-5.2879-4.7509i	4.4543+7.8692i	1.7387+3.1675i	-6.0842-0.1410i
70.7	-0.0676-0.3413i	-0.2923-0.3553i	-0.1025-0.2250i	-0.0725-0.2200i	-5.2692-4.6009i	4.5092+7.7168i	1.5885+3.1413i	-6.0742+0.0066i
70.8	-0.0634-0.3309i	-0.2951-0.3410i	-0.1023-0.2158i	-0.0720-0.2129i	-5.0603-4.5822i	4.6584+7.7403i	1.3826+3.0001i	-5.8564+0.2517i
70.9	-0.0569-0.3182i	-0.2907-0.3253i	-0.0999-0.2066i	-0.0696-0.2033i	-5.0199-4.2649i	4.6328+7.5431i	1.3485+3.1146i	-5.7571+0.3720i
71.0	-0.0533-0.3009i	-0.2860-0.3090i	-0.0974-0.1937i	-0.0684-0.1945i	-4.5141-3.8635i	4.3706+7.3373i	1.8098+2.9990i	-5.7108+0.6299i
71.1	-0.0373-0.2873i	-0.2753-0.2957i	-0.0893-0.1861i	-0.0603-0.1864i	-4.4181-4.1571i	4.3246+7.2779i	1.4608+2.4755i	-5.4932+0.6519i
71.2	-0.0305-0.2827i	-0.2783-0.2896i	-0.0887-0.1832i	-0.0586-0.1831i	-4.6403-4.0086i	4.4519+7.2034i	1.1894+2.7354i	-5.3133+0.6899i
71.3	-0.0275-0.2759i	-0.2802-0.2756i	-0.0878-0.1756i	-0.0588-0.1785i	-4.5422-3.6169i	4.4596+6.9844i	1.2974+3.1132i	-5.1252+0.9083i
71.4	-0.0207-0.2696i	-0.2758-0.2650i	-0.0845-0.1688i	-0.0572-0.1731i	-4.2922-3.7150i	4.2695+6.9817i	1.1966+2.9523i	-5.0952+1.1770i
71.5	-0.0190-0.2631i	-0.2697-0.2533i	-0.0836-0.1618i	-0.0553-0.1669i	-4.2841-3.8230i	4.4609+6.9231i	0.6086+2.4784i	-5.0160+1.3594i
71.6	-0.0117-0.2576i	-0.2612-0.2440i	-0.0760-0.1572i	-0.0508-0.1611i	-4.5659-3.6221i	4.7116+6.7075i	-0.1084+2.7249i	-4.7311+1.4415i
71.7	-0.0026-0.2537i	-0.2685-0.2384i	-0.0758-0.1539i	-0.0507-0.1580i	-4.6682-3.6158i	4.8247+6.6667i	-0.1515+2.9980i	-4.4979+1.4788i
71.8	-0.0023-0.2479i	-0.2703-0.2196i	-0.0771-0.1446i	-0.0522-0.1519i	-4.2562-3.1959i	4.7739+6.4741i	0.6047+2.9904i	-4.3637+1.6391i
71.9	0.0014-0.2429i	-0.2575-0.2113i	-0.0724-0.1404i	-0.0473-0.1480i	-4.0614-2.8770i	4.6007+6.3652i	0.4228+3.2002i	-4.1433+2.0335i
72.0	0.0100-0.2381i	-0.2536-0.2041i	-0.0687-0.1364i	-0.0447-0.1444i	-4.2247-3.1294i	4.7444+6.3216i	-0.0618+2.9642i	-3.9804+2.0042i
72.1	0.0163-0.2330i	-0.2441-0.1964i	-0.0644-0.1311i	-0.0419-0.1398i	-4.0617-3.2408i	4.7150+6.3693i	-0.2471+2.6542i	-3.7478+2.0823i
72.2	0.0221-0.2335i	-0.2386-0.1829i	-0.0607-0.1272i	-0.0383-0.1370i	-4.0581-2.9146i	4.5933+6.0210i	0.0349+2.8438i	-3.8465+2.0401i
72.3	0.0319-0.2312i	-0.2385-0.1796i	-0.0571-0.1278i	-0.0347-0.1355i	-4.0447-2.8274i	4.8083+5.9224i	-0.3785+3.1656i	-3.4210+2.1450i
72.4	0.0352-0.2351i	-0.2356-0.1761i	-0.0547-0.1283i	-0.0338-0.1370i	-3.9712-2.7903i	4.8496+5.9532i	-0.6201+3.2938i	-3.1588+2.3769i
72.5	0.0346-0.2344i	-0.2330-0.1655i	-0.0521-0.1242i	-0.0344-0.1328i	-4.0114-2.6892i	4.9245+5.8124i	-0.8053+3.5438i	-3.0277+2.4243i
72.6	0.0303-0.2322i	-0.2361-0.1410i	-0.0536-0.1148i	-0.0360-0.1267i	-3.7839-2.5506i	5.0885+5.4114i	-0.4232+3.2735i	-2.8251+2.1506i
72.7	0.0415-0.2311i	-0.2227-0.1430i	-0.0459-0.1153i	-0.0274-0.1240i	-3.9155-2.5475i	4.9866+5.2917i	-0.9256+3.7240i	-2.7730+2.2704i
72.8	0.0467-0.2298i	-0.2129-0.1335i	-0.0422-0.1101i	-0.0255-0.1187i	-3.8847-2.7867i	4.9581+5.4462i	-1.6829+3.1817i	-2.7168+2.5070i
72.9	0.0514-0.2325i	-0.2092-0.1243i	-0.0392-0.1064i	-0.0241-0.1154i	-3.7368-2.8832i	5.0061+5.6120i	-1.9743+2.7991i	-2.4880+2.5881i
73.0	0.0503-0.2254i	-0.1955-0.1252i	-0.0351-0.1055i	-0.0200-0.1139i	-3.6435-2.7355i	4.9872+5.4338i	-1.9806+3.0281i	-2.2060+2.7100i
73.1	0.0510-0.2297i	-0.1945-0.1142i	-0.0337-0.1028i	-0.0214-0.1126i	-3.3375-2.2949i	4.8066+5.0804i	-1.1410+3.8245i	-2.1175+2.6409i
73.2	0.0536-0.2332i	-0.1932-0.1108i	-0.0312-0.1015i	-0.0182-0.1121i	-3.3213-2.2485i	4.8538+5.0521i	-1.3189+4.1086i	-1.9491+2.7019i
73.3	0.0519-0.2354i	-0.1805-0.1028i	-0.0289-0.1001i	-0.0138-0.1101i	-3.5451-2.1280i	5.0090+4.8148i	-1.8621+4.5535i	-1.7595+2.7770i
73.4	0.0521-0.2406i	-0.1694-0.0954i	-0.0262-0.0989i	-0.0111-0.1115i	-3.4193-2.0362i	4.9980+4.7437i	-1.9087+4.6017i	-1.7115+3.0197i
73.5	0.0523-0.2363i	-0.1611-0.0879i	-0.0245-0.0975i	-0.0093-0.1065i	-3.3711-2.3697i	5.2055+4.8275i	-2.6627+4.0402i	-1.1322+3.0565i
73.6	0.0551-0.2344i	-0.1567-0.0873i	-0.0214-0.0977i	-0.0071-0.1039i	-3.2903-2.1664i	5.1694+4.5781i	-2.5342+4.4686i	-1.0965+2.7629i
73.7	0.0551-0.2315i	-0.1468-0.0828i	-0.0174-0.0955i	-0.0054-0.1010i	-3.1976-2.0565i	5.1349+4.5917i	-2.5680+4.4090i	-0.8481+2.9309i
73.8	0.0504-0.2332i	-0.1441-0.0809i	-0.0165-0.0944i	-0.0053-0.1008i	-3.1460-1.9384i	5.3384+4.5530i	-2.3877+5.0095i	-0.2417+3.0050i
73.9	0.0492-0.2296i	-0.1349-0.0748i	-0.0146-0.0912i	-0.0046-0.0983i	-3.1078-1.8845i	5.4122+4.3279i	-2.5702+5.2308i	0.1047+2.9360i
74.0	0.0474-0.2355i	-0.1229-0.0706i	-0.0119-0.0911i	-0.0005-0.0994i	-3.1000-1.7471i	5.2414+4.1012i	-2.7134+6.1576i	0.1364+2.9505i
74.1	0.0494-0.2359i	-0.1198-0.0718i	-0.0105-0.0918i	0.0023-0.0988i	-3.1948-1.6718i	5.2581+3.9513i	-2.7503+6.4586i	0.1468+2.8477i
74.2	0.0541-0.2238i	-0.1120-0.0800i	-0.0060-0.0903i	0.0068-0.0978i	-3.0001-1.8375i	5.2354+3.9375i	-3.0260+6.4238i	0.2912+2.9461i
74.3	0.0490-0.2187i	-0.1051-0.0790i	-0.0054-0.0902i	0.0071-0.0955i	-2.8158-1.8524i	5.2697+3.8913i	-2.8333+6.5428i	0.7738+2.9410i
74.4	0.0408-0.2138i	-0.0939-0.0760i	-0.0044-0.0875i	0.0075-0.0926i	-2.6600-1.7417i	5.2431+3.5295i	-2.5133+6.9625i	1.0600+2.7592i
74.5	0.0472-0.2061i	-0.0841-0.0768i	0.0004-0.0845i	0.0112-0.0893i	-2.7005-1.9427i	5.4512+3.5710i	-3.4330+7.0195i	1.4885+2.8459i
74.6	0.0480-0.2090i	-0.0793-0.0804i	0.0008-0.0863i	0.0127-0.0914i	-2.6770-1.8760i	5.2667+3.4875i	-3.3042+7.3957i	1.4700+2.8729i
74.7	0.0405-0.2172i	-0.0785-0.0829i	0.0003-0.0888i	0.0117-0.0956i	-2.4785-1.5122i	4.9086+3.1861i	-1.7126+7.9730i	1.2423+2.6789i
74.8	0.0455-0.2076i	-0.0775-0.0842i	0.0032-0.0872i	0.0148-0.0930i	-2.3364-1.6030i	5.0027+3.2456i	-2.0231+7.8175i	1.7463+2.7694i
74.9	0.0479-0.1976i	-0.0731-0.0840i	0.0049-0.0861i	0.0157-0.0896i	-2.4490-1.5938i	5.2511+3.0759i	-2.1442+8.0133i	2.2085+2.5901i

75.0	0.0474−0.1972i	−0.0702−0.0905i	0.0043−0.0880i	0.0172−0.0932i	−2.4472−1.4232i	5.0817+2.7946i	−1.6139+9.1057i	2.3003+2.6371i
75.1	0.0576−0.2014i	−0.0633−0.0941i	0.0101−0.0887i	0.0226−0.0938i	−2.3892−1.4516i	4.9533+2.5425i	−1.4918+9.6622i	2.1084+2.3637i
75.2	0.0566−0.2025i	−0.0587−0.0994i	0.0120−0.0918i	0.0246−0.0965i	−2.4303−1.5168i	5.0398+2.4765i	−1.3364+10.5270i	2.3760+2.3449i
75.3	0.0629−0.1867i	−0.0585−0.0979i	0.0127−0.0851i	0.0256−0.0909i	−2.2836−1.5205i	5.0491+2.4225i	−1.1423+10.0012i	3.0340+2.0782i
75.4	0.0638−0.1882i	−0.0600−0.1010i	0.0117−0.0887i	0.0270−0.0926i	−2.2203−1.5131i	5.0762+2.3510i	−0.6082+10.1482i	3.3700+2.1921i
75.5	0.0614−0.1791i	−0.0538−0.1043i	0.0137−0.0850i	0.0269−0.0901i	−2.1235−1.6086i	5.0420+2.3168i	−0.6241+10.4835i	3.7046+2.2038i
75.6	0.0629−0.1796i	−0.0514−0.1081i	0.0144−0.0861i	0.0286−0.0941i	−2.1749−1.5753i	4.9160+2.1547i	−0.0933+10.8045i	3.6234+2.1032i
75.7	0.0704−0.1738i	−0.0460−0.1072i	0.0196−0.0845i	0.0318−0.0913i	−2.0338−1.5714i	4.8922+2.1214i	−0.0527+10.8112i	3.8420+1.9790i
75.8	0.0683−0.1748i	−0.0496−0.1027i	0.0173−0.0827i	0.0286−0.0911i	−1.8714−1.5787i	4.7939+2.0410i	0.3891+10.2003i	3.8351+1.6892i
75.9	0.0695−0.1687i	−0.0488−0.0987i	0.0167−0.0794i	0.0290−0.0864i	−1.8497−1.6860i	4.6028+1.8439i	0.3564+9.9578i	4.0566+1.3516i
76.0	0.0780−0.1568i	−0.0472−0.1002i	0.0207−0.0772i	0.0313−0.0846i	−1.8246−1.6311i	4.6349+1.6531i	0.4504+10.4953i	4.7100+1.1960i
76.1	0.0804−0.1649i	−0.0486−0.1068i	0.0192−0.0826i	0.0318−0.0915i	−2.0285−1.5564i	4.6178+1.6407i	1.4522+10.9264i	4.7691+1.3603i
76.2	0.0828−0.1722i	−0.0468−0.1095i	0.0203−0.0852i	0.0345−0.0933i	−2.1187−1.5926i	4.4961+1.5892i	1.8141+11.0795i	4.7151+1.3561i
76.3	0.0900−0.1610i	−0.0409−0.1091i	0.0247−0.0810i	0.0365−0.0888i	−1.9640−1.7033i	4.4775+1.5536i	1.4379+10.7555i	4.9320+1.0901i
76.4	0.0919−0.1609i	−0.0481−0.1073i	0.0229−0.0784i	0.0335−0.0897i	−1.8930−1.6144i	4.3367+1.4757i	2.4985+10.1764i	5.1831+0.6858i
76.5	0.0825−0.1580i	−0.0522−0.1059i	0.0175−0.0774i	0.0310−0.0894i	−1.6925−1.5634i	4.2327+1.5394i	2.8187+9.5241i	5.4285+0.9227i
76.6	0.0866−0.1672i	−0.0520−0.1066i	0.0201−0.0807i	0.0318−0.0924i	−1.5961−1.3287i	4.1373+1.2070i	3.6680+9.2841i	5.2460+0.4792i
76.7	0.1055−0.1482i	−0.0456−0.1064i	0.0290−0.0726i	0.0382−0.0866i	−1.6836−1.5145i	4.2525+1.2007i	3.4802+9.6152i	5.9479+0.1594i
76.8	0.1275−0.1468i	−0.0398−0.1125i	0.0376−0.0733i	0.0447−0.0854i	−1.7522−1.6355i	4.2027+1.0112i	3.5910+9.9223i	6.1734−0.5704i
76.9	0.1286−0.1526i	−0.0397−0.1121i	0.0347−0.0742i	0.0440−0.0866i	−1.7822−1.6126i	4.0852+0.9375i	3.7557+9.9343i	6.3077−0.5756i
77.0	0.1210−0.1488i	−0.0413−0.1097i	0.0315−0.0741i	0.0412−0.0852i	−1.6862−1.4825i	3.8799+0.9296i	4.0572+9.3386i	6.3872−0.5989i
77.1	0.1172−0.1385i	−0.0436−0.1041i	0.0304−0.0696i	0.0385−0.0810i	−1.5707−1.5544i	3.8719+0.9758i	4.1371+8.6999i	6.8251−0.5955i
77.2	0.1188−0.1283i	−0.0414−0.0981i	0.0307−0.0648i	0.0379−0.0762i	−1.4282−1.6361i	3.8772+0.9761i	3.8220+8.1543i	7.1069−0.7532i
77.3	0.1424−0.1479i	−0.0405−0.1078i	0.0401−0.0718i	0.0484−0.0849i	−1.6988−1.5880i	3.8880+0.8063i	4.3455+8.8744i	6.9653−1.1940i
77.4	0.1463−0.1450i	−0.0386−0.1062i	0.0411−0.0685i	0.0503−0.0830i	−1.7313−1.4797i	3.8305+0.7103i	4.4785+8.9312i	7.3108−1.5698i
77.5	0.1496−0.1483i	−0.0383−0.1053i	0.0465−0.0695i	0.0494−0.0828i	−1.7131−1.2739i	3.6466+0.4965i	5.0111+8.5205i	7.4362−2.3865i
77.6	0.1534−0.1503i	−0.0367−0.1046i	0.0484−0.0699i	0.0509−0.0824i	−1.6168−1.3033i	3.4894+0.4121i	4.9963+7.9625i	7.1327−2.8623i
77.7	0.1615−0.1489i	−0.0331−0.1002i	0.0513−0.0688i	0.0553−0.0807i	−1.4602−1.2799i	3.4272+0.4155i	4.9090+7.6047i	7.2460−3.1698i
77.8	0.1879−0.1661i	−0.0302−0.1087i	0.0602−0.0750i	0.0650−0.0877i	−1.7067−1.4219i	3.3849+0.3333i	5.0670+8.5931i	7.4010−3.4213i
77.9	0.2152−0.1691i	−0.0221−0.1100i	0.0728−0.0763i	0.0766−0.0863i	−1.7963−1.5310i	3.2894+0.1743i	5.2746+8.5621i	7.5927−4.3708i
78.0	0.2055−0.1575i	−0.0253−0.1107i	0.0703−0.0752i	0.0736−0.0838i	−1.7517−1.3774i	3.2478+0.2906i	5.2587+7.7026i	7.7073−4.4457i
78.1	0.2002−0.1623i	−0.0226−0.1083i	0.0719−0.0771i	0.0715−0.0838i	−1.5263−1.3080i	3.0433+0.1849i	5.3355+7.3536i	7.3673−4.6724i
78.2	0.1980−0.1605i	−0.0218−0.0976i	0.0704−0.0714i	0.0692−0.0790i	−1.3817−1.2844i	2.9070+0.1094i	5.1402+6.6422i	7.3269−4.8952i
78.3	0.2228−0.1641i	−0.0121−0.1069i	0.0806−0.0746i	0.0801−0.0824i	−1.4418−1.3998i	2.8068+0.0693i	4.8316+7.1208i	7.1422−5.2178i
78.4	0.2332−0.1847i	−0.0133−0.1136i	0.0837−0.0838i	0.0856−0.0905i	−1.6027−1.3667i	2.7583+0.0195i	5.2106+7.0738i	6.8723−5.8201i
78.5	0.2446−0.1742i	−0.0129−0.1059i	0.0870−0.0784i	0.0899−0.0845i	−1.2978−1.3171i	2.5609−0.0410i	4.9476+6.1458i	6.9000−6.6920i
78.6	0.2494−0.1779i	−0.0078−0.1059i	0.0897−0.0804i	0.0937−0.0859i	−1.2690−1.3066i	2.3859−0.0748i	4.7356+5.9415i	6.6799−6.8638i
78.7	0.2699−0.1872i	−0.0026−0.1147i	0.0966−0.0860i	0.1022−0.0917i	−1.4291−1.3736i	2.3328−0.1001i	4.6017+6.2243i	6.6530−7.1650i
78.8	0.2740−0.2057i	−0.0056−0.1198i	0.0969−0.0934i	0.1022−0.1015i	−1.3963−1.2891i	2.1990−0.0978i	4.2485+5.7660i	5.5984−7.7296i
78.9	0.2889−0.2018i	0.0022−0.1145i	0.1040−0.0896i	0.1076−0.0988i	−1.1933−1.0436i	1.9370−0.0246i	3.2379+5.6161i	5.0853−7.8129i
79.0	0.3236−0.2215i	0.0139−0.1304i	0.1230−0.1005i	0.1203−0.1048i	−1.1023−0.7950i	1.9807+0.0377i	3.0899+7.7335i	5.2363−7.4353i
79.1	0.3333−0.2672i	0.0088−0.1499i	0.1247−0.1217i	0.1260−0.1254i	−1.0746−1.0463i	1.9613+0.0232i	4.4294+8.5701i	5.3221−7.7279i
79.2	0.3196−0.2877i	−0.0058−0.1523i	0.1135−0.1285i	0.1202−0.1323i	−1.0898−1.2099i	1.8729−0.0709i	5.3936+7.9547i	5.5266−7.9210i
79.3	0.3310−0.2902i	−0.0072−0.1490i	0.1174−0.1294i	0.1229−0.1309i	−0.9539−1.3314i	1.7747−0.1013i	5.3386+7.3663i	5.5805−8.5493i
79.4	0.3136−0.3031i	−0.0120−0.1470i	0.1097−0.1325i	0.1172−0.1386i	−0.8837−1.2728i	1.6216−0.0505i	5.3700+6.8652i	5.0600−8.4764i
79.5	0.3216−0.3330i	−0.0154−0.1538i	0.1111−0.1430i	0.1198−0.1500i	−1.0755−1.3064i	1.5255+0.0148i	5.6264+6.9041i	4.6710−8.9132i
79.6	0.3207−0.3533i	−0.0150−0.1525i	0.1116−0.1478i	0.1176−0.1564i	−1.0238−1.4148i	1.3710+0.0818i	5.5843+6.6501i	4.1595−9.1224i
79.7	0.3127−0.3650i	−0.0173−0.1534i	0.1082−0.1524i	0.1146−0.1626i	−0.9075−1.3370i	1.2578+0.1852i	5.5211+6.4702i	3.8312−9.0298i
79.8	0.3104−0.3991i	−0.0220−0.1600i	0.1071−0.1655i	0.1148−0.1761i	−1.0495−1.4348i	1.1660+0.2313i	5.6789+6.6396i	3.2375−9.2467i
79.9	0.3195−0.4384i	−0.0213−0.1652i	0.1124−0.1791i	0.1192−0.1917i	−1.0100−1.6747i	1.1063+0.2562i	5.5244+7.0434i	2.7366−9.7413i
80.0	0.2941−0.4373i	−0.0250−0.1554i	0.1018−0.1767i	0.1079−0.1890i	−0.7371−1.4553i	0.9661+0.3074i	5.4836+6.1879i	2.5254−9.7450i

1.1.35 Run 10 – IP270NVP – NF and AF gauges

In-plane shaking at 270° with no vertical shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.6544+0.0000i	0.2695+0.0000i	1.0584+0.0000i	2.0759+0.0000i	-0.0036+0.0000i	0.0454+0.0000i	0.0563+0.0000i	0.0150+0.0000i
0.1	0.6550-0.0079i	0.2722+0.0019i	1.0443+0.0032i	2.0649-0.0052i	-0.0040-0.0011i	0.0448-0.0021i	0.0569+0.0008i	0.0149-0.0009i
0.2	-0.2151+0.0374i	0.3561+0.1591i	-1.5837+0.1216i	1.0523+0.1815i	-0.0153-0.0596i	0.0131-0.0005i	-0.0282-0.0142i	-0.0250+0.2460i
0.3	-0.5945+0.1866i	0.4165-0.0553i	-1.6136-0.0435i	1.5846-0.1144i	-0.0328-0.0061i	-0.0460+0.0014i	-0.0860+0.0243i	-0.0281+0.0041i
0.4	-0.2766+0.0594i	0.3035-0.0544i	-1.6155-0.0140i	1.4999-0.0414i	-0.0282+0.0018i	-0.0336-0.0073i	-0.0787+0.0136i	-0.0487+0.0057i
0.5	-0.2685+0.0967i	0.2666-0.1215i	-1.5870-0.0344i	1.4816+0.0087i	-0.0387+0.0113i	-0.0337+0.0104i	-0.0709+0.0314i	-0.0337+0.0111i
0.6	-0.2277+0.1909i	0.2373-0.2018i	-1.5624-0.0502i	1.4908+0.0299i	-0.0336+0.0263i	-0.0297+0.0258i	-0.0607+0.0570i	-0.0266+0.0074i
0.7	-0.0452+0.1042i	0.0531-0.1339i	-1.5457-0.0464i	1.4944+0.0446i	-0.0068+0.0161i	-0.0047+0.0162i	-0.0048+0.0327i	-0.0081+0.0006i
0.8	-0.0080-0.0130i	0.0511-0.0412i	-1.5183-0.0895i	1.4666+0.0720i	-0.0041+0.0022i	-0.0028+0.0041i	-0.0017+0.0034i	-0.0163-0.0032i
0.9	-0.0531-0.0297i	0.0666-0.0473i	-1.5837-0.1693i	1.5146+0.1061i	-0.0071+0.0009i	-0.0046+0.0031i	-0.0083+0.0038i	-0.0214+0.0003i
1.0	-0.0987+0.0008i	0.0625-0.0309i	-1.7110-0.0584i	1.5825+0.0345i	-0.0104+0.0018i	-0.0079+0.0031i	-0.0129+0.0058i	-0.0193+0.0033i
1.1	-0.0866+0.0092i	0.0668-0.0180i	-1.6872-0.0165i	1.5700+0.0106i	-0.0110+0.0015i	-0.0080+0.0027i	-0.0132+0.0039i	-0.0161+0.0034i
1.2	-0.0804+0.0147i	0.0695-0.0147i	-1.6783-0.0068i	1.5687+0.0060i	-0.0112+0.0017i	-0.0074+0.0017i	-0.0132+0.0030i	-0.0181+0.0022i
1.3	-0.0807+0.0086i	0.0720-0.0141i	-1.6849+0.0037i	1.5755-0.0035i	-0.0117+0.0014i	-0.0076+0.0018i	-0.0135+0.0020i	-0.0187+0.0013i
1.4	-0.0799+0.0055i	0.0726-0.0144i	-1.6965+0.0106i	1.5904-0.0034i	-0.0119+0.0015i	-0.0076+0.0018i	-0.0135+0.0024i	-0.0190+0.0015i
1.5	-0.0752+0.0061i	0.0727-0.0105i	-1.7276+0.0258i	1.6158-0.0152i	-0.0123+0.0016i	-0.0072+0.0015i	-0.0126+0.0018i	-0.0206+0.0022i
1.6	-0.0739+0.0046i	0.0735-0.0073i	-1.7506+0.0530i	1.6394-0.0394i	-0.0125+0.0018i	-0.0073+0.0011i	-0.0120+0.0006i	-0.0207+0.0041i
1.7	-0.0720+0.0017i	0.0765-0.0075i	-1.7685+0.0909i	1.6549-0.0737i	-0.0122+0.0020i	-0.0074+0.0009i	-0.0118-0.0008i	-0.0193+0.0049i
1.8	-0.0708-0.0025i	0.0771-0.0087i	-1.7713+0.1828i	1.6613-0.1534i	-0.0119+0.0021i	-0.0070+0.0001i	-0.0115-0.0035i	-0.0186+0.0062i
1.9	-0.0738-0.0108i	0.0757-0.0099i	-1.7434+0.2947i	1.6414-0.2500i	-0.0116+0.0016i	-0.0066-0.0014i	-0.0120-0.0079i	-0.0172+0.0061i
2.0	-0.0871-0.0180i	0.0771-0.0051i	-1.5127+0.2941i	1.4413-0.2498i	-0.0128-0.0014i	-0.0100-0.0044i	-0.0213-0.0118i	-0.0163+0.0020i
2.1	-0.0950-0.0154i	0.0823-0.0012i	-1.4239+0.2232i	1.3609-0.1914i	-0.0154-0.0026i	-0.0139-0.0047i	-0.0280-0.0110i	-0.0203-0.0003i
2.2	-0.1106-0.0115i	0.0980-0.0018i	-1.4248+0.1483i	1.3610-0.1237i	-0.0223-0.0029i	-0.0211-0.0042i	-0.0385-0.0086i	-0.0316-0.0019i
2.3	-0.1281+0.0153i	0.1162-0.0236i	-1.4378+0.1009i	1.3744-0.0819i	-0.0319+0.0104i	-0.0306+0.0095i	-0.0524+0.0128i	-0.0468+0.0184i
2.4	-0.0816+0.0664i	0.0753-0.0677i	-1.4502+0.0752i	1.3853-0.0604i	-0.0097+0.0352i	-0.0082+0.0342i	-0.0181+0.0503i	-0.0112+0.0575i
2.5	-0.0420+0.0280i	0.0388-0.0317i	-1.4686+0.0569i	1.3999-0.0451i	0.0108+0.0154i	0.0124+0.0148i	0.0128+0.0212i	0.0213+0.0260i
2.6	-0.0600+0.0102i	0.0544-0.0154i	-1.4758+0.0475i	1.4054-0.0369i	0.0025+0.0061i	0.0041+0.0054i	0.0002+0.0075i	0.0084+0.0110i
2.7	-0.0643+0.0048i	0.0594-0.0111i	-1.4833+0.0410i	1.4128-0.0320i	-0.0004+0.0033i	0.0013+0.0029i	-0.0040+0.0036i	0.0034+0.0060i
2.8	-0.0679+0.0037i	0.0624-0.0092i	-1.4915+0.0379i	1.4211-0.0283i	-0.0026+0.0023i	-0.0006+0.0020i	-0.0071+0.0024i	-0.0002+0.0050i
2.9	-0.0703+0.0021i	0.0650-0.0075i	-1.5010+0.0318i	1.4293-0.0229i	-0.0039+0.0017i	-0.0019+0.0014i	-0.0088+0.0017i	-0.0022+0.0041i
3.0	-0.0722+0.0024i	0.0680-0.0059i	-1.5087+0.0260i	1.4354-0.0186i	-0.0049+0.0013i	-0.0027+0.0011i	-0.0100+0.0013i	-0.0037+0.0030i
3.1	-0.0726+0.0027i	0.0692-0.0064i	-1.5142+0.0252i	1.4402-0.0177i	-0.0055+0.0011i	-0.0033+0.0010i	-0.0107+0.0012i	-0.0047+0.0028i
3.2	-0.0730+0.0010i	0.0702-0.0059i	-1.5175+0.0248i	1.4444-0.0175i	-0.0059+0.0009i	-0.0037+0.0008i	-0.0113+0.0007i	-0.0052+0.0027i
3.3	-0.0745+0.0010i	0.0707-0.0048i	-1.5201+0.0218i	1.4478-0.0155i	-0.0063+0.0007i	-0.0040+0.0005i	-0.0118+0.0004i	-0.0058+0.0022i
3.4	-0.0752+0.0008i	0.0713-0.0054i	-1.5256+0.0195i	1.4528-0.0126i	-0.0066+0.0005i	-0.0044+0.0003i	-0.0123+0.0001i	-0.0067+0.0017i
3.5	-0.0759-0.0003i	0.0720-0.0060i	-1.5297+0.0179i	1.4565-0.0117i	-0.0068+0.0004i	-0.0045+0.0002i	-0.0127+0.0001i	-0.0069+0.0019i
3.6	-0.0765-0.0007i	0.0725-0.0061i	-1.5384+0.0165i	1.4644-0.0110i	-0.0073+0.0004i	-0.0048+0.0003i	-0.0131+0.0002i	-0.0074+0.0017i
3.7	-0.0769+0.0003i	0.0727-0.0058i	-1.5415+0.0164i	1.4671-0.0102i	-0.0075+0.0004i	-0.0050+0.0002i	-0.0133+0.0001i	-0.0076+0.0014i
3.8	-0.0771-0.0002i	0.0737-0.0050i	-1.5449+0.0161i	1.4699-0.0099i	-0.0075+0.0003i	-0.0051+0.0001i	-0.0136+0.0000i	-0.0077+0.0013i
3.9	-0.0780+0.0002i	0.0742-0.0057i	-1.5475+0.0166i	1.4727-0.0104i	-0.0077+0.0003i	-0.0052+0.0000i	-0.0139+0.0001i	-0.0078+0.0014i
4.0	-0.0778+0.0001i	0.0745-0.0056i	-1.5494+0.0146i	1.4753-0.0090i	-0.0078+0.0002i	-0.0052-0.0000i	-0.0138+0.0001i	-0.0079+0.0014i
4.1	-0.0775+0.0001i	0.0762-0.0055i	-1.5561+0.0141i	1.4814-0.0089i	-0.0081+0.0002i	-0.0053-0.0000i	-0.0141-0.0000i	-0.0083+0.0013i
4.2	-0.0781-0.0001i	0.0768-0.0057i	-1.5605+0.0129i	1.4847-0.0080i	-0.0082+0.0002i	-0.0055+0.0000i	-0.0143-0.0000i	-0.0084+0.0011i
4.3	-0.0783-0.0014i	0.0764-0.0052i	-1.5640+0.0113i	1.4875-0.0060i	-0.0082-0.0001i	-0.0056-0.0003i	-0.0144-0.0003i	-0.0083+0.0005i
4.4	-0.0790-0.0014i	0.0764-0.0057i	-1.5675+0.0122i	1.4909-0.0066i	-0.0084-0.0003i	-0.0058-0.0005i	-0.0147-0.0006i	-0.0089+0.0002i
4.5	-0.0805-0.0007i	0.0772-0.0057i	-1.5729+0.0112i	1.4959-0.0054i	-0.0089-0.0002i	-0.0061-0.0004i	-0.0153-0.0004i	-0.0097+0.0003i
4.6	-0.0805-0.0002i	0.0770-0.0056i	-1.5766+0.0107i	1.4998-0.0054i	-0.0090-0.0000i	-0.0062-0.0002i	-0.0154-0.0001i	-0.0095+0.0006i
4.7	-0.0803+0.0005i	0.0768-0.0056i	-1.5811+0.0093i	1.5049-0.0053i	-0.0090+0.0001i	-0.0062-0.0001i	-0.0153-0.0000i	-0.0094+0.0005i
4.8	-0.0801+0.0002i	0.0778-0.0054i	-1.5872+0.0105i	1.5096-0.0052i	-0.0091-0.0000i	-0.0062-0.0002i	-0.0155-0.0002i	-0.0099+0.0006i
4.9	-0.0804-0.0003i	0.0785-0.0055i	-1.5914+0.0098i	1.5127-0.0052i	-0.0092-0.0001i	-0.0063-0.0003i	-0.0157-0.0003i	-0.0098+0.0007i
5.0	-0.0813-0.0005i	0.0791-0.0052i	-1.5972+0.0095i	1.5174-0.0048i	-0.0093-0.0001i	-0.0064-0.0004i	-0.0159-0.0002i	-0.0102+0.0007i
5.1	-0.0814-0.0004i	0.0798-0.0060i	-1.6015+0.0110i	1.5221-0.0058i	-0.0093-0.0001i	-0.0064-0.0003i	-0.0158-0.0001i	-0.0101+0.0006i
5.2	-0.0822-0.0003i	0.0801-0.0065i	-1.6068+0.0121i	1.5282-0.0067i	-0.0095-0.0001i	-0.0066-0.0002i	-0.0160-0.0001i	-0.0105+0.0006i
5.3	-0.0832-0.0001i	0.0795-0.0061i	-1.6112+0.0124i	1.5339-0.0063i	-0.0097-0.0001i	-0.0067-0.0002i	-0.0163+0.0000i	-0.0105+0.0007i
5.4	-0.0846+0.0002i	0.0799-0.0063i	-1.6154+0.0133i	1.5365-0.0087i	-0.0099-0.0000i	-0.0069-0.0004i	-0.0166-0.0003i	-0.0108+0.0003i
5.5	-0.0844-0.0007i	0.0804-0.0057i	-1.6188+0.0146i	1.5401-0.0103i	-0.0101-0.0002i	-0.0069-0.0007i	-0.0168-0.0005i	-0.0111-0.0000i
5.6	-0.0852+0.0001i	0.0811-0.0062i	-1.6231+0.0153i	1.5438-0.0111i	-0.0105+0.0001i	-0.0073-0.0003i	-0.0175-0.0002i	-0.0118+0.0004i

5.7	-0.0860+0.0002i	0.0821-0.0070i	-1.6267+0.0165i	1.5467-0.0126i	-0.0106+0.0001i	-0.0074-0.0002i	-0.0178+0.0001i	-0.0123+0.0008i
5.8	-0.0861+0.0008i	0.0838-0.0080i	-1.6300+0.0178i	1.5502-0.0136i	-0.0106+0.0002i	-0.0076-0.0001i	-0.0180+0.0003i	-0.0125+0.0016i
5.9	-0.0874+0.0003i	0.0839-0.0082i	-1.6341+0.0179i	1.5530-0.0135i	-0.0108+0.0002i	-0.0076-0.0002i	-0.0180+0.0004i	-0.0121+0.0018i
6.0	-0.0885+0.0021i	0.0833-0.0083i	-1.6385+0.0159i	1.5574-0.0109i	-0.0110+0.0005i	-0.0077-0.0001i	-0.0183+0.0008i	-0.0120+0.0017i
6.1	-0.0888+0.0021i	0.0830-0.0084i	-1.6437+0.0160i	1.5607-0.0096i	-0.0111+0.0006i	-0.0078+0.0000i	-0.0186+0.0010i	-0.0121+0.0017i
6.2	-0.0899+0.0019i	0.0834-0.0087i	-1.6486+0.0159i	1.5639-0.0100i	-0.0111+0.0007i	-0.0078+0.0001i	-0.0186+0.0011i	-0.0120+0.0017i
6.3	-0.0913+0.0026i	0.0827-0.0085i	-1.6531+0.0147i	1.5682-0.0090i	-0.0112+0.0007i	-0.0078+0.0003i	-0.0185+0.0012i	-0.0118+0.0017i
6.4	-0.0912+0.0034i	0.0832-0.0095i	-1.6598+0.0136i	1.5724-0.0083i	-0.0112+0.0009i	-0.0080+0.0005i	-0.0186+0.0016i	-0.0121+0.0020i
6.5	-0.0924+0.0034i	0.0844-0.0100i	-1.6658+0.0149i	1.5768-0.0096i	-0.0114+0.0010i	-0.0082+0.0005i	-0.0188+0.0017i	-0.0123+0.0022i
6.6	-0.0950+0.0036i	0.0842-0.0094i	-1.6712+0.0151i	1.5820-0.0113i	-0.0117+0.0009i	-0.0081+0.0004i	-0.0191+0.0014i	-0.0125+0.0022i
6.7	-0.0974+0.0051i	0.0853-0.0092i	-1.6792+0.0157i	1.5864-0.0095i	-0.0119+0.0011i	-0.0082+0.0005i	-0.0195+0.0016i	-0.0130+0.0023i
6.8	-0.1001+0.0057i	0.0854-0.0101i	-1.6867+0.0158i	1.5902-0.0079i	-0.0124+0.0014i	-0.0087+0.0006i	-0.0204+0.0021i	-0.0137+0.0026i
6.9	-0.1029+0.0077i	0.0858-0.0113i	-1.6933+0.0166i	1.5953-0.0060i	-0.0127+0.0016i	-0.0091+0.0009i	-0.0209+0.0024i	-0.0141+0.0027i
7.0	-0.1070+0.0176i	0.0864-0.0108i	-1.7016+0.0223i	1.5988-0.0025i	-0.0130+0.0026i	-0.0092+0.0020i	-0.0211+0.0042i	-0.0140+0.0044i
7.1	-0.1114+0.0364i	0.0863-0.0122i	-1.7112+0.0316i	1.6018+0.0069i	-0.0131+0.0048i	-0.0094+0.0040i	-0.0212+0.0071i	-0.0141+0.0075i
7.2	-0.0906+0.0506i	0.0855-0.0105i	-1.7061+0.0412i	1.6185+0.0171i	-0.0103+0.0061i	-0.0070+0.0051i	-0.0179+0.0087i	-0.0105+0.0095i
7.3	-0.0706+0.0355i	0.0858-0.0117i	-1.7008+0.0359i	1.6377+0.0097i	-0.0085+0.0043i	-0.0053+0.0035i	-0.0154+0.0061i	-0.0079+0.0073i
7.4	-0.0642+0.0187i	0.0868-0.0104i	-1.7031+0.0263i	1.6470-0.0006i	-0.0084+0.0023i	-0.0049+0.0015i	-0.0150+0.0035i	-0.0079+0.0045i
7.5	-0.0666+0.0116i	0.0881-0.0097i	-1.7113+0.0214i	1.6529-0.0065i	-0.0088+0.0018i	-0.0054+0.0008i	-0.0157+0.0026i	-0.0083+0.0028i
7.6	-0.0717+0.0098i	0.0888-0.0112i	-1.7197+0.0198i	1.6576-0.0082i	-0.0093+0.0017i	-0.0059+0.0007i	-0.0165+0.0025i	-0.0088+0.0028i
7.7	-0.0754+0.0071i	0.0903-0.0128i	-1.7308+0.0191i	1.6619-0.0089i	-0.0101+0.0015i	-0.0067+0.0007i	-0.0177+0.0025i	-0.0099+0.0028i
7.8	-0.0775+0.0067i	0.0904-0.0140i	-1.7388+0.0211i	1.6671-0.0117i	-0.0103+0.0014i	-0.0070+0.0008i	-0.0180+0.0026i	-0.0102+0.0026i
7.9	-0.0808+0.0103i	0.0911-0.0163i	-1.7460+0.0219i	1.6729-0.0108i	-0.0105+0.0020i	-0.0071+0.0012i	-0.0183+0.0034i	-0.0101+0.0033i
8.0	-0.0820+0.0154i	0.0900-0.0167i	-1.7536+0.0251i	1.6794-0.0118i	-0.0106+0.0026i	-0.0069+0.0019i	-0.0184+0.0041i	-0.0099+0.0044i
8.1	-0.0810+0.0112i	0.0912-0.0164i	-1.7591+0.0237i	1.6855-0.0135i	-0.0106+0.0020i	-0.0070+0.0014i	-0.0185+0.0034i	-0.0100+0.0039i
8.2	-0.0794+0.0087i	0.0915-0.0151i	-1.7679+0.0212i	1.6939-0.0117i	-0.0105+0.0018i	-0.0070+0.0010i	-0.0185+0.0031i	-0.0098+0.0030i
8.3	-0.0806+0.0076i	0.0917-0.0139i	-1.7776+0.0217i	1.7026-0.0128i	-0.0107+0.0018i	-0.0069+0.0008i	-0.0187+0.0029i	-0.0095+0.0025i
8.4	-0.0799+0.0067i	0.0917-0.0140i	-1.7866+0.0230i	1.7109-0.0173i	-0.0107+0.0017i	-0.0066+0.0007i	-0.0186+0.0028i	-0.0093+0.0030i
8.5	-0.0836+0.0088i	0.0925-0.0158i	-1.7928+0.0246i	1.7193-0.0191i	-0.0110+0.0018i	-0.0071+0.0011i	-0.0193+0.0033i	-0.0105+0.0035i
8.6	-0.0851+0.0094i	0.0957-0.0175i	-1.8054+0.0287i	1.7302-0.0199i	-0.0117+0.0019i	-0.0076+0.0010i	-0.0203+0.0037i	-0.0111+0.0031i
8.7	-0.0835+0.0107i	0.0958-0.0171i	-1.8129+0.0327i	1.7361-0.0234i	-0.0115+0.0021i	-0.0074+0.0008i	-0.0199+0.0039i	-0.0110+0.0027i
8.8	-0.0857+0.0119i	0.0973-0.0180i	-1.8140+0.0346i	1.7420-0.0251i	-0.0118+0.0022i	-0.0077+0.0010i	-0.0203+0.0040i	-0.0117+0.0028i
8.9	-0.0845+0.0115i	0.0988-0.0236i	-1.8210+0.0304i	1.7506-0.0245i	-0.0123+0.0027i	-0.0080+0.0018i	-0.0207+0.0046i	-0.0119+0.0040i
9.0	-0.0831+0.0108i	0.0983-0.0230i	-1.8347+0.0258i	1.7615-0.0245i	-0.0119+0.0027i	-0.0078+0.0020i	-0.0206+0.0046i	-0.0111+0.0050i
9.1	-0.0830+0.0126i	0.0993-0.0238i	-1.8447+0.0329i	1.7699-0.0306i	-0.0122+0.0028i	-0.0079+0.0021i	-0.0210+0.0051i	-0.0113+0.0050i
9.2	-0.0879+0.0155i	0.1069-0.0319i	-1.8477+0.0384i	1.7772-0.0342i	-0.0135+0.0040i	-0.0091+0.0030i	-0.0228+0.0068i	-0.0134+0.0061i
9.3	-0.0866+0.0226i	0.1046-0.0443i	-1.8553+0.0308i	1.7844-0.0367i	-0.0129+0.0064i	-0.0087+0.0051i	-0.0223+0.0100i	-0.0125+0.0097i
9.4	-0.0820+0.0289i	0.0972-0.0549i	-1.8675+0.0271i	1.7925-0.0410i	-0.0115+0.0084i	-0.0073+0.0068i	-0.0204+0.0128i	-0.0097+0.0123i
9.5	-0.0748+0.0280i	0.0815-0.0578i	-1.8870+0.0300i	1.8016-0.0445i	-0.0091+0.0086i	-0.0045+0.0072i	-0.0171+0.0134i	-0.0052+0.0120i
9.6	-0.0658+0.0240i	0.0689-0.0535i	-1.9033+0.0362i	1.8053-0.0451i	-0.0067+0.0075i	-0.0022+0.0059i	-0.0137+0.0122i	-0.0019+0.0106i
9.7	-0.0625+0.0186i	0.0635-0.0398i	-1.9141+0.0471i	1.8159-0.0467i	-0.0062+0.0052i	-0.0016+0.0034i	-0.0129+0.0091i	-0.0016+0.0063i
9.8	-0.0619+0.0129i	0.0652-0.0327i	-1.9216+0.0548i	1.8223-0.0517i	-0.0060+0.0040i	-0.0018+0.0022i	-0.0127+0.0075i	-0.0016+0.0042i
9.9	-0.0598+0.0104i	0.0676-0.0270i	-1.9270+0.0580i	1.8273-0.0532i	-0.0061+0.0032i	-0.0019+0.0014i	-0.0125+0.0067i	-0.0021+0.0030i
10.0	-0.0602+0.0115i	0.0667-0.0236i	-1.9302+0.0634i	1.8367-0.0577i	-0.0067+0.0027i	-0.0022+0.0011i	-0.0125+0.0065i	-0.0024+0.0018i
10.1	-0.0587+0.0072i	0.0672-0.0215i	-1.9354+0.0667i	1.8442-0.0585i	-0.0067+0.0022i	-0.0025+0.0006i	-0.0125+0.0056i	-0.0031+0.0020i
10.2	-0.0603+0.0038i	0.0693-0.0210i	-1.9395+0.0663i	1.8503-0.0595i	-0.0071+0.0020i	-0.0026+0.0004i	-0.0126+0.0050i	-0.0046+0.0023i
10.3	-0.0613+0.0014i	0.0708-0.0210i	-1.9464+0.0676i	1.8576-0.0621i	-0.0072+0.0021i	-0.0027+0.0005i	-0.0128+0.0045i	-0.0047+0.0023i
10.4	-0.0580-0.0023i	0.0711-0.0189i	-1.9554+0.0673i	1.8657-0.0645i	-0.0070+0.0018i	-0.0025+0.0002i	-0.0125+0.0038i	-0.0041+0.0029i
10.5	-0.0564-0.0049i	0.0681-0.0179i	-1.9620+0.0662i	1.8697-0.0649i	-0.0066+0.0015i	-0.0022-0.0002i	-0.0116+0.0027i	-0.0045+0.0027i
10.6	-0.0568-0.0080i	0.0656-0.0150i	-1.9732+0.0630i	1.8780-0.0609i	-0.0063+0.0006i	-0.0019-0.0010i	-0.0115+0.0008i	-0.0033+0.0015i
10.7	-0.0601-0.0102i	0.0631-0.0102i	-1.9817+0.0614i	1.8875-0.0569i	-0.0064-0.0005i	-0.0017-0.0019i	-0.0120-0.0009i	-0.0023+0.0013i
10.8	-0.0606-0.0138i	0.0647-0.0081i	-1.9910+0.0613i	1.8984-0.0566i	-0.0065-0.0007i	-0.0020-0.0025i	-0.0127-0.0016i	-0.0023+0.0005i
10.9	-0.0569-0.0194i	0.0643-0.0044i	-2.0017+0.0624i	1.9090-0.0591i	-0.0063-0.0012i	-0.0022-0.0031i	-0.0128-0.0026i	-0.0027-0.0005i
11.0	-0.0571-0.0284i	0.0650+0.0054i	-2.0074+0.0600i	1.9173-0.0551i	-0.0066-0.0026i	-0.0021-0.0041i	-0.0137-0.0060i	-0.0022+0.0004i
11.1	-0.0618-0.0365i	0.0702+0.0130i	-2.0175+0.0519i	1.9280-0.0481i	-0.0071-0.0039i	-0.0024-0.0051i	-0.0159-0.0089i	-0.0015+0.0005i
11.2	-0.0720-0.0425i	0.0816+0.0187i	-2.0407+0.0447i	1.9442-0.0431i	-0.0087-0.0046i	-0.0037-0.0058i	-0.0214-0.0093i	0.0004-0.0007i
11.3	-0.0788-0.0428i	0.0876+0.0199i	-2.0566+0.0449i	1.9577-0.0450i	-0.0097-0.0047i	-0.0044-0.0063i	-0.0235-0.0092i	0.0007-0.0015i
11.4	-0.0890-0.0445i	0.0945+0.0200i	-2.0733+0.0459i	1.9735-0.0462i	-0.0104-0.0051i	-0.0051-0.0066i	-0.0265-0.0081i	0.0010-0.0036i
11.5	-0.0964-0.0467i	0.1029+0.0208i	-2.0928+0.0442i	1.9905-0.0424i	-0.0115-0.0053i	-0.0064-0.0068i	-0.0297-0.0070i	0.0015-0.0050i
11.6	-0.1044-0.0464i	0.1097+0.0196i	-2.1102+0.0446i	2.0076-0.0403i	-0.0127-0.0057i	-0.0074-0.0068i	-0.0326-0.0054i	0.0022-0.0071i
11.7	-0.1126-0.0406i	0.1196+0.0138i	-2.1323+0.0477i	2.0267-0.0446i	-0.0140-0.0048i	-0.0084-0.0066i	-0.0347-0.0013i	0.0007-0.0103i
11.8	-0.1175-0.0315i	0.1253+0.0063i	-2.1527+0.0495i	2.0462-0.0473i	-0.0150-0.0035i	-0.0094-0.0056i	-0.0352+0.0023i	-0.0010-0.0113i
11.9	-0.1218-0.0258i	0.1287+0.0009i	-2.1706+0.0507i	2.0639-0.0481i	-0.0157-0.0031i	-0.0099-0.0055i	-0.0354+0.0050i	-0.0023-0.0129i

12.0	-0.1215-0.0200i	0.1318-0.0035i	-2.1897+0.0548i	2.0809-0.0510i	-0.0159-0.0025i	-0.0100-0.0050i	-0.0350+0.0075i	-0.0030-0.0134i
12.1	-0.1185-0.0163i	0.1301-0.0089i	-2.2097+0.0583i	2.1008-0.0544i	-0.0158-0.0019i	-0.0098-0.0041i	-0.0337+0.0090i	-0.0038-0.0135i
12.2	-0.1172-0.0130i	0.1275-0.0127i	-2.2298+0.0659i	2.1177-0.0612i	-0.0158-0.0016i	-0.0095-0.0037i	-0.0331+0.0098i	-0.0044-0.0135i
12.3	-0.1143-0.0102i	0.1284-0.0173i	-2.2547+0.0741i	2.1432-0.0656i	-0.0159-0.0013i	-0.0097-0.0037i	-0.0325+0.0116i	-0.0051-0.0146i
12.4	-0.1114-0.0065i	0.1278-0.0186i	-2.2750+0.0819i	2.1622-0.0733i	-0.0161-0.0010i	-0.0095-0.0035i	-0.0318+0.0132i	-0.0053-0.0150i
12.5	-0.1121-0.0084i	0.1226-0.0175i	-2.2990+0.0939i	2.1870-0.0859i	-0.0161-0.0010i	-0.0095-0.0038i	-0.0311+0.0141i	-0.0061-0.0164i
12.6	-0.1132-0.0107i	0.1223-0.0186i	-2.3159+0.1092i	2.2041-0.1008i	-0.0159-0.0009i	-0.0095-0.0039i	-0.0303+0.0159i	-0.0067-0.0179i
12.7	-0.1146-0.0121i	0.1189-0.0208i	-2.3280+0.1257i	2.2143-0.1176i	-0.0161-0.0010i	-0.0097-0.0041i	-0.0290+0.0176i	-0.0082-0.0203i
12.8	-0.1166-0.0121i	0.1243-0.0219i	-2.3335+0.1393i	2.2191-0.1309i	-0.0169-0.0007i	-0.0105-0.0042i	-0.0277+0.0192i	-0.0133-0.0228i
12.9	-0.1192-0.0128i	0.1298-0.0201i	-2.3362+0.1474i	2.2230-0.1356i	-0.0175-0.0012i	-0.0116-0.0046i	-0.0256+0.0202i	-0.0172-0.0244i
13.0	-0.1215-0.0111i	0.1295-0.0191i	-2.3390+0.1504i	2.2275-0.1387i	-0.0181-0.0012i	-0.0122-0.0045i	-0.0228+0.0199i	-0.0213-0.0235i
13.1	-0.1235-0.0075i	0.1300-0.0200i	-2.3522+0.1441i	2.2414-0.1329i	-0.0185-0.0006i	-0.0123-0.0039i	-0.0204+0.0185i	-0.0254-0.0207i
13.2	-0.1245-0.0076i	0.1337-0.0205i	-2.3649+0.1363i	2.2550-0.1210i	-0.0191-0.0006i	-0.0131-0.0034i	-0.0193+0.0167i	-0.0275-0.0181i
13.3	-0.1263-0.0039i	0.1378-0.0220i	-2.3835+0.1296i	2.2790-0.1145i	-0.0200-0.0002i	-0.0135-0.0030i	-0.0193+0.0153i	-0.0296-0.0161i
13.4	-0.1271-0.0046i	0.1425-0.0224i	-2.4051+0.1265i	2.3000-0.1132i	-0.0207+0.0003i	-0.0141-0.0028i	-0.0198+0.0140i	-0.0309-0.0132i
13.5	-0.1281-0.0024i	0.1458-0.0257i	-2.4273+0.1245i	2.3237-0.1143i	-0.0208+0.0007i	-0.0144-0.0021i	-0.0203+0.0127i	-0.0310-0.0102i
13.6	-0.1293-0.0010i	0.1493-0.0289i	-2.4555+0.1271i	2.3531-0.1172i	-0.0211+0.0012i	-0.0146-0.0017i	-0.0212+0.0118i	-0.0306-0.0079i
13.7	-0.1314-0.0014i	0.1501-0.0323i	-2.4886+0.1280i	2.3859-0.1222i	-0.0219+0.0020i	-0.0148-0.0013i	-0.0227+0.0114i	-0.0313-0.0061i
13.8	-0.1328-0.0005i	0.1547-0.0368i	-2.5149+0.1279i	2.4129-0.1239i	-0.0223+0.0025i	-0.0154-0.0006i	-0.0243+0.0116i	-0.0304-0.0043i
13.9	-0.1349+0.0017i	0.1581-0.0444i	-2.5453+0.1349i	2.4444-0.1361i	-0.0228+0.0030i	-0.0157+0.0003i	-0.0257+0.0126i	-0.0304-0.0022i
14.0	-0.1343+0.0040i	0.1601-0.0516i	-2.5755+0.1352i	2.4736-0.1457i	-0.0233+0.0041i	-0.0158+0.0010i	-0.0268+0.0136i	-0.0307-0.0001i
14.1	-0.1338+0.0057i	0.1618-0.0583i	-2.6082+0.1394i	2.5018-0.1560i	-0.0239+0.0055i	-0.0160+0.0023i	-0.0276+0.0157i	-0.0312+0.0022i
14.2	-0.1364+0.0074i	0.1614-0.0646i	-2.6373+0.1479i	2.5293-0.1665i	-0.0241+0.0071i	-0.0164+0.0039i	-0.0283+0.0183i	-0.0309+0.0037i
14.3	-0.1344+0.0100i	0.1594-0.0720i	-2.6736+0.1651i	2.5630-0.1887i	-0.0238+0.0090i	-0.0163+0.0055i	-0.0280+0.0209i	-0.0297+0.0057i
14.4	-0.1307+0.0150i	0.1597-0.0797i	-2.6997+0.1800i	2.5872-0.2072i	-0.0224+0.0109i	-0.0150+0.0071i	-0.0251+0.0233i	-0.0282+0.0082i
14.5	-0.1292+0.0155i	0.1582-0.0922i	-2.7343+0.1903i	2.6197-0.2301i	-0.0201+0.0118i	-0.0122+0.0078i	-0.0215+0.0249i	-0.0255+0.0089i
14.6	-0.1259+0.0123i	0.1542-0.1034i	-2.7590+0.2078i	2.6402-0.2607i	-0.0191+0.0122i	-0.0111+0.0080i	-0.0202+0.0249i	-0.0233+0.0106i
14.7	-0.1238+0.0101i	0.1389-0.1221i	-2.7773+0.2342i	2.6460-0.3095i	-0.0176+0.0137i	-0.0090+0.0095i	-0.0173+0.0263i	-0.0193+0.0136i
14.8	-0.1230+0.0092i	0.1075-0.1293i	-2.7885+0.2529i	2.6220-0.3351i	-0.0136+0.0140i	-0.0053+0.0099i	-0.0130+0.0266i	-0.0132+0.0141i
14.9	-0.1250+0.0079i	0.0779-0.1177i	-2.7950+0.2488i	2.5955-0.3195i	-0.0106+0.0119i	-0.0022+0.0078i	-0.0070+0.0251i	-0.0096+0.0093i
15.0	-0.1279+0.0051i	0.0665-0.0958i	-2.8134+0.2259i	2.5914-0.2772i	-0.0095+0.0089i	-0.0007+0.0045i	-0.0032+0.0200i	-0.0102+0.0046i
15.1	-0.1289+0.0049i	0.0662-0.0708i	-2.8579+0.2027i	2.6307-0.2301i	-0.0096+0.0057i	-0.0009+0.0010i	-0.0033+0.0128i	-0.0111+0.0024i
15.2	-0.1313+0.0050i	0.0753-0.0504i	-2.9155+0.1938i	2.6905-0.2036i	-0.0111+0.0033i	-0.0015-0.0018i	-0.0066+0.0075i	-0.0112+0.0014i
15.3	-0.1340+0.0018i	0.0867-0.0403i	-2.9715+0.1916i	2.7461-0.1891i	-0.0123+0.0019i	-0.0032-0.0035i	-0.0099+0.0051i	-0.0121-0.0006i
15.4	-0.1366+0.0032i	0.0987-0.0345i	-3.0363+0.2025i	2.8154-0.1929i	-0.0142+0.0010i	-0.0049-0.0041i	-0.0131+0.0039i	-0.0138-0.0027i
15.5	-0.1418+0.0037i	0.1080-0.0353i	-3.0933+0.2205i	2.8782-0.2038i	-0.0162+0.0008i	-0.0062-0.0039i	-0.0156+0.0040i	-0.0159-0.0020i
15.6	-0.1441+0.0052i	0.1136-0.0359i	-3.1530+0.2369i	2.9366-0.2170i	-0.0171+0.0014i	-0.0065-0.0041i	-0.0173+0.0039i	-0.0161-0.0014i
15.7	-0.1470+0.0057i	0.1209-0.0366i	-3.2358+0.2535i	3.0126-0.2287i	-0.0178+0.0013i	-0.0075-0.0048i	-0.0191+0.0039i	-0.0161-0.0025i
15.8	-0.1490+0.0059i	0.1259-0.0399i	-3.3050+0.2918i	3.0822-0.2613i	-0.0189+0.0012i	-0.0080-0.0044i	-0.0213+0.0047i	-0.0166-0.0009i
15.9	-0.1474+0.0095i	0.1286-0.0430i	-3.3821+0.3462i	3.1543-0.3071i	-0.0193+0.0019i	-0.0075-0.0039i	-0.0216+0.0055i	-0.0164+0.0000i
16.0	-0.1473+0.0103i	0.1301-0.0438i	-3.4592+0.4042i	3.2304-0.3571i	-0.0197+0.0020i	-0.0074-0.0040i	-0.0220+0.0054i	-0.0164-0.0004i
16.1	-0.1476+0.0111i	0.1341-0.0468i	-3.5147+0.4948i	3.2889-0.4398i	-0.0202+0.0022i	-0.0082-0.0052i	-0.0235+0.0064i	-0.0154-0.0015i
16.2	-0.1442+0.0102i	0.1360-0.0476i	-3.5368+0.5751i	3.3084-0.5153i	-0.0200+0.0022i	-0.0080-0.0060i	-0.0237+0.0071i	-0.0138-0.0024i
16.3	-0.1459+0.0083i	0.1407-0.0453i	-3.5617+0.7012i	3.3354-0.6292i	-0.0202+0.0020i	-0.0088-0.0072i	-0.0248+0.0070i	-0.0150-0.0049i
16.4	-0.1481+0.0044i	0.1439-0.0425i	-3.5495+0.7818i	3.3333-0.6981i	-0.0212+0.0009i	-0.0098-0.0082i	-0.0253+0.0068i	-0.0157-0.0076i
16.5	-0.1519-0.0004i	0.1532-0.0405i	-3.4815+0.8294i	3.2829-0.7478i	-0.0230+0.0000i	-0.0114-0.0091i	-0.0255+0.0063i	-0.0190-0.0096i
16.6	-0.1644+0.0063i	0.1691-0.0496i	-3.4129+0.8090i	3.2321-0.7400i	-0.0257+0.0013i	-0.0145-0.0078i	-0.0284+0.0069i	-0.0249-0.0073i
16.7	-0.1674+0.0142i	0.1711-0.0709i	-3.3982+0.7623i	3.2169-0.7067i	-0.0264+0.0039i	-0.0151-0.0043i	-0.0289+0.0095i	-0.0266-0.0024i
16.8	-0.1686+0.0206i	0.1602-0.0822i	-3.4694+0.7148i	3.2721-0.6701i	-0.0253+0.0060i	-0.0136-0.0022i	-0.0280+0.0111i	-0.0237+0.0036i
16.9	-0.1705+0.0237i	0.1562-0.0732i	-3.5635+0.7600i	3.3488-0.7041i	-0.0248+0.0047i	-0.0127-0.0045i	-0.0280+0.0078i	-0.0211+0.0028i
17.0	-0.1757+0.0253i	0.1621-0.0687i	-3.5968+0.8261i	3.3784-0.7549i	-0.0262+0.0039i	-0.0143-0.0059i	-0.0301+0.0057i	-0.0220+0.0003i
17.1	-0.1736+0.0314i	0.1826-0.0794i	-3.5997+0.7779i	3.4005-0.7090i	-0.0291+0.0063i	-0.0173-0.0031i	-0.0350+0.0092i	-0.0259+0.0051i
17.2	-0.1603+0.0408i	0.1861-0.1148i	-3.7169+0.6739i	3.5207-0.6388i	-0.0292+0.0116i	-0.0161+0.0024i	-0.0357+0.0170i	-0.0241+0.0142i
17.3	-0.1466+0.0348i	0.1539-0.1211i	-3.8886+0.7641i	3.6600-0.7343i	-0.0244+0.0113i	-0.0108+0.0011i	-0.0290+0.0168i	-0.0142+0.0123i
17.4	-0.1524+0.0220i	0.1465-0.1019i	-4.0050+0.9182i	3.7552-0.8686i	-0.0244+0.0072i	-0.0098-0.0046i	-0.0285+0.0099i	-0.0108+0.0034i
17.5	-0.1619+0.0156i	0.1593-0.1015i	-4.0674+1.0484i	3.8101-0.9815i	-0.0280+0.0064i	-0.0125-0.0068i	-0.0329+0.0089i	-0.0144+0.0000i
17.6	-0.1637+0.0158i	0.1606-0.1127i	-4.0884+1.1705i	3.8315-1.0906i	-0.0288+0.0082i	-0.0138-0.0056i	-0.0348+0.0115i	-0.0157+0.0030i
17.7	-0.1661+0.0244i	0.1463-0.1284i	-4.0797+1.3238i	3.8217-1.2405i	-0.0278+0.0113i	-0.0134-0.0037i	-0.0343+0.0155i	-0.0135+0.0057i
17.8	-0.1652+0.0288i	0.1263-0.1267i	-3.9988+1.4089i	3.7347-1.3204i	-0.0254+0.0136i	-0.0126-0.0027i	-0.0317+0.0170i	-0.0098+0.0062i
17.9	-0.1598+0.0300i	0.1130-0.1161i	-3.9252+1.3811i	3.6484-1.2869i	-0.0226+0.0135i	-0.0105-0.0026i	-0.0281+0.0171i	-0.0063+0.0057i
18.0	-0.1536+0.0299i	0.0988-0.1084i	-3.9287+1.3251i	3.6393-1.2267i	-0.0195+0.0123i	-0.0077-0.0031i	-0.0248+0.0151i	-0.0024+0.0048i
18.1	-0.1526+0.0162i	0.0959-0.0740i	-4.0169+1.3133i	3.7300-1.1910i	-0.0186+0.0063i	-0.0069-0.0090i	-0.0242+0.0060i	-0.0001-0.0045i
18.2	-0.1556+0.0055i	0.1093-0.0495i	-4.0737+1.3586i	3.7870-1.2179i	-0.0203+0.0029i	-0.0086-0.0131i	-0.0275+0.0009i	-0.0010-0.0110i

18.3	-0.1647-0.0022i	0.1300-0.0357i	-4.1374+1.3866i	3.8562-1.2341i	-0.0235+0.0003i	-0.0115-0.0158i	-0.0340-0.0030i	-0.0037-0.0139i
18.4	-0.1736-0.0154i	0.1581-0.0159i	-4.2274+1.4497i	3.9650-1.2802i	-0.0286-0.0038i	-0.0154-0.0195i	-0.0409-0.0084i	-0.0093-0.0185i
18.5	-0.2008-0.0291i	0.2211-0.0136i	-4.2654+1.5651i	4.0452-1.3851i	-0.0386-0.0051i	-0.0256-0.0216i	-0.0553-0.0108i	-0.0246-0.0204i
18.6	-0.2361-0.0094i	0.2754-0.0814i	-4.2177+1.6283i	4.0262-1.4950i	-0.0479+0.0051i	-0.0354-0.0125i	-0.0699+0.0028i	-0.0376-0.0067i
18.7	-0.2388+0.0316i	0.2385-0.1619i	-4.1759+1.5804i	3.9560-1.5012i	-0.0438+0.0182i	-0.0323+0.0009i	-0.0659+0.0207i	-0.0307+0.0118i
18.8	-0.2193+0.0379i	0.1893-0.1552i	-4.2557+1.5269i	3.9986-1.4372i	-0.0357+0.0174i	-0.0243+0.0009i	-0.0568+0.0196i	-0.0175+0.0116i
18.9	-0.2088+0.0344i	0.1674-0.1458i	-4.3887+1.4970i	4.1102-1.3998i	-0.0327+0.0165i	-0.0198+0.0000i	-0.0545+0.0174i	-0.0073+0.0120i
19.0	-0.2061+0.0343i	0.1567-0.1356i	-4.5029+1.4968i	4.2030-1.3862i	-0.0313+0.0159i	-0.0176-0.0012i	-0.0552+0.0169i	-0.0007+0.0097i
19.1	-0.2087+0.0288i	0.1512-0.1223i	-4.6734+1.5178i	4.3513-1.3939i	-0.0310+0.0134i	-0.0158-0.0037i	-0.0584+0.0146i	0.0057+0.0069i
19.2	-0.2109+0.0185i	0.1558-0.1092i	-4.8825+1.6143i	4.5462-1.4728i	-0.0315+0.0106i	-0.0156-0.0069i	-0.0637+0.0118i	0.0105+0.0017i
19.3	-0.2136+0.0170i	0.1547-0.1022i	-5.0381+1.7184i	4.6909-1.5576i	-0.0318+0.0093i	-0.0148-0.0089i	-0.0685+0.0125i	0.0161-0.0046i
19.4	-0.2164+0.0180i	0.1509-0.0857i	-5.1947+1.8652i	4.8319-1.6726i	-0.0318+0.0077i	-0.0140-0.0125i	-0.0727+0.0133i	0.0225-0.0129i
19.5	-0.2245+0.0154i	0.1633-0.0688i	-5.3155+2.0068i	4.9516-1.7887i	-0.0344+0.0059i	-0.0158-0.0157i	-0.0798+0.0152i	0.0252-0.0214i
19.6	-0.2403+0.0014i	0.1981-0.0457i	-5.4501+2.2104i	5.0954-1.9543i	-0.0389+0.0017i	-0.0204-0.0203i	-0.0917+0.0169i	0.0260-0.0362i
19.7	-0.2555+0.0018i	0.2318-0.0394i	-5.5356+2.3077i	5.2027-2.0296i	-0.0440+0.0003i	-0.0248-0.0224i	-0.1000+0.0201i	0.0213-0.0440i
19.8	-0.2740+0.0089i	0.2806-0.0528i	-5.6479+2.4319i	5.3383-2.1569i	-0.0512+0.0024i	-0.0306-0.0205i	-0.1123+0.0318i	0.0161-0.0493i
19.9	-0.2942+0.0252i	0.3228-0.1000i	-5.8631+2.6005i	5.5584-2.3304i	-0.0576+0.0089i	-0.0346-0.0160i	-0.1248+0.0479i	0.0132-0.0514i
20.0	-0.2936+0.0448i	0.3338-0.1532i	-6.0731+2.7309i	5.7555-2.4731i	-0.0589+0.0165i	-0.0343-0.0113i	-0.1302+0.0611i	0.0178-0.0455i
20.1	-0.2845+0.0580i	0.3130-0.1943i	-6.3669+3.0638i	6.0182-2.8057i	-0.0560+0.0227i	-0.0302-0.0097i	-0.1273+0.0822i	0.0285-0.0565i
20.2	-0.2836+0.0524i	0.2954-0.2152i	-6.5388+3.4152i	6.1689-3.1233i	-0.0547+0.0236i	-0.0291-0.0125i	-0.1247+0.0957i	0.0326-0.0729i
20.3	-0.2968+0.0494i	0.2859-0.2384i	-6.7225+3.9186i	6.3305-3.5870i	-0.0552+0.0238i	-0.0294-0.0163i	-0.1223+0.1155i	0.0319-0.1009i
20.4	-0.3013+0.0516i	0.2769-0.2528i	-6.7756+4.3935i	6.3849-4.0229i	-0.0567+0.0243i	-0.0315-0.0206i	-0.1149+0.1367i	0.0208-0.1260i
20.5	-0.3139+0.0549i	0.2690-0.2615i	-6.6798+4.9754i	6.3006-4.5618i	-0.0594+0.0276i	-0.0375-0.0231i	-0.1047+0.1549i	0.0005-0.1455i
20.6	-0.3322+0.0681i	0.2529-0.2882i	-6.4644+5.4543i	6.1160-5.0157i	-0.0614+0.0331i	-0.0439-0.0213i	-0.0817+0.1759i	-0.0328-0.1590i
20.7	-0.3434+0.0762i	0.2356-0.2994i	-6.2431+5.9039i	5.9082-5.4360i	-0.0613+0.0370i	-0.0482-0.0204i	-0.0589+0.1885i	-0.0596-0.1689i
20.8	-0.3499+0.0831i	0.2031-0.2855i	-5.9091+6.3100i	5.5940-5.8171i	-0.0597+0.0382i	-0.0510-0.0210i	-0.0351+0.1907i	-0.0861-0.1772i
20.9	-0.3608+0.0902i	0.2020-0.2679i	-5.6911+6.5320i	5.3997-6.0094i	-0.0616+0.0404i	-0.0561-0.0214i	-0.0148+0.1907i	-0.1172-0.1758i
21.0	-0.3601+0.1018i	0.1949-0.2632i	-5.5019+6.7748i	5.2378-6.2305i	-0.0613+0.0432i	-0.0590-0.0204i	0.0075+0.1882i	-0.1424-0.1696i
21.1	-0.3723+0.1137i	0.2015-0.2724i	-5.2514+7.0734i	5.0045-6.5099i	-0.0617+0.0471i	-0.0636-0.0165i	0.0309+0.1768i	-0.1732-0.1487i
21.2	-0.3823+0.1253i	0.2094-0.2757i	-5.0442+7.3267i	4.8179-6.7601i	-0.0627+0.0513i	-0.0680-0.0124i	0.0492+0.1647i	-0.1999-0.1277i
21.3	-0.3932+0.1385i	0.2268-0.2754i	-4.8132+7.5898i	4.6283-7.0024i	-0.0649+0.0535i	-0.0738-0.0105i	0.0579+0.1456i	-0.2208-0.1056i
21.4	-0.4017+0.1590i	0.2378-0.2807i	-4.5916+7.9223i	4.4349-7.3056i	-0.0676+0.0574i	-0.0791-0.0074i	0.0621+0.1219i	-0.2378-0.0739i
21.5	-0.4102+0.1893i	0.2493-0.3223i	-4.3848+8.4017i	4.2514-7.7714i	-0.0698+0.0672i	-0.0841-0.0003i	0.0617+0.1056i	-0.2461-0.0362i
21.6	-0.4203+0.2003i	0.2434-0.3376i	-3.9343+8.8971i	3.8229-8.2359i	-0.0676+0.0729i	-0.0876+0.0047i	0.0582+0.0925i	-0.2449-0.0106i
21.7	-0.4392+0.2259i	0.2458-0.3629i	-3.1853+9.3115i	3.1443-8.6231i	-0.0662+0.0810i	-0.0920+0.0135i	0.0442+0.0825i	-0.2365+0.0197i
21.8	-0.4335+0.2502i	0.2396-0.3887i	-2.2357+9.5038i	2.2765-8.8261i	-0.0608+0.0901i	-0.0938+0.0233i	0.0344+0.0728i	-0.2244+0.0517i
21.9	-0.4281+0.2870i	0.2201-0.4136i	-1.3646+9.3105i	1.4591-8.6642i	-0.0528+0.0978i	-0.0929+0.0342i	0.0281+0.0785i	-0.2102+0.0681i
22.0	-0.4205+0.3134i	0.1896-0.4312i	-0.5595+8.9353i	0.7054-8.3143i	-0.0444+0.1013i	-0.0904+0.0436i	0.0211+0.0826i	-0.1904+0.0815i
22.1	-0.4054+0.3213i	0.1634-0.4269i	0.0731+8.4069i	0.1025-7.8442i	-0.0348+0.1023i	-0.0846+0.0494i	0.0177+0.0862i	-0.1711+0.0871i
22.2	-0.4025+0.3299i	0.1520-0.4210i	0.4902+7.8422i	-0.2979-7.3275i	-0.0266+0.1023i	-0.0801+0.0542i	0.0145+0.0920i	-0.1547+0.0881i
22.3	-0.3865+0.3568i	0.1239-0.4228i	0.6775+7.1248i	-0.4778-6.6539i	-0.0189+0.1008i	-0.0727+0.0595i	0.0167+0.1008i	-0.1388+0.0858i
22.4	-0.3859+0.3690i	0.1259-0.4069i	0.6076+6.5309i	-0.4137-6.0953i	-0.0161+0.0969i	-0.0688+0.0610i	0.0199+0.1054i	-0.1360+0.0789i
22.5	-0.3895+0.3848i	0.1325-0.4024i	0.4438+6.0150i	-0.2568-5.6123i	-0.0135+0.0942i	-0.0656+0.0631i	0.0235+0.1115i	-0.1336+0.0754i
22.6	-0.3812+0.4118i	0.1336-0.4221i	0.2337+5.7058i	-0.0539-5.3242i	-0.0110+0.0952i	-0.0615+0.0672i	0.0294+0.1186i	-0.1319+0.0753i
22.7	-0.3769+0.4330i	0.1388-0.4386i	-0.0264+5.4958i	0.1953-5.1244i	-0.0090+0.0953i	-0.0583+0.0699i	0.0352+0.1242i	-0.1310+0.0735i
22.8	-0.3628+0.4716i	0.1336-0.4621i	-0.4014+5.4268i	0.5478-5.0687i	-0.0045+0.0964i	-0.0525+0.0734i	0.0476+0.1282i	-0.1295+0.0788i
22.9	-0.3445+0.4966i	0.1278-0.4762i	-0.7400+5.3875i	0.8694-5.0374i	-0.0005+0.0964i	-0.0475+0.0752i	0.0581+0.1296i	-0.1272+0.0813i
23.0	-0.3164+0.5071i	0.1042-0.4805i	-1.0684+5.4426i	1.1820-5.0972i	0.0064+0.0931i	-0.0397+0.0737i	0.0767+0.1296i	-0.1261+0.0765i
23.1	-0.3068+0.5138i	0.1012-0.4830i	-1.3730+5.6542i	1.4779-5.2999i	0.0072+0.0898i	-0.0376+0.0705i	0.0854+0.1235i	-0.1316+0.0747i
23.2	-0.3098+0.5396i	0.1167-0.5056i	-1.6491+5.9964i	1.7479-5.6358i	0.0057+0.0881i	-0.0377+0.0699i	0.0923+0.1154i	-0.1414+0.0789i
23.3	-0.2837+0.5629i	0.1048-0.5304i	-1.7347+6.5232i	1.8333-6.1485i	0.0088+0.0867i	-0.0332+0.0694i	0.1047+0.1059i	-0.1441+0.0843i
23.4	-0.2590+0.5951i	0.1010-0.5823i	-1.7382+7.1773i	1.8402-6.7810i	0.0082+0.0870i	-0.0333+0.0701i	0.1145+0.0967i	-0.1543+0.0944i
23.5	-0.2450+0.6119i	0.0900-0.6180i	-1.4265+7.8524i	1.5509-7.4363i	0.0061+0.0855i	-0.0347+0.0695i	0.1161+0.0814i	-0.1614+0.1076i
23.6	-0.2045+0.6198i	0.0409-0.6352i	-0.9667+8.3337i	1.1115-7.9137i	0.0099+0.0837i	-0.0308+0.0678i	0.1208+0.0657i	-0.1568+0.1187i
23.7	-0.1597+0.6360i	-0.0105-0.6626i	-0.1283+8.8423i	0.2967-8.4224i	0.0099+0.0855i	-0.0317+0.0696i	0.1160+0.0478i	-0.1531+0.1419i
23.8	-0.1287+0.6684i	-0.0511-0.7130i	0.4881+9.0636i	-0.2957-8.6409i	0.0095+0.0910i	-0.0323+0.0754i	0.1097+0.0430i	-0.1492+0.1649i
23.9	-0.0844+0.6708i	-0.1148-0.7134i	1.3161+8.9462i	-1.1004-8.5333i	0.0134+0.0931i	-0.0294+0.0783i	0.1019+0.0388i	-0.1346+0.1779i
24.0	-0.0511+0.6337i	-0.1764-0.6624i	2.0662+8.5412i	-1.8372-8.1514i	0.0166+0.0902i	-0.0271+0.0763i	0.0924+0.0293i	-0.1167+0.1815i
24.1	0.0124+0.6167i	-0.2563-0.6471i	2.6949+8.3777i	-2.4400-7.9966i	0.0248+0.0900i	-0.0197+0.0770i	0.0960+0.0235i	-0.0961+0.1887i
24.2	0.0464+0.5828i	-0.2881-0.5974i	3.0946+8.0093i	-2.8213-7.6483i	0.0279+0.0867i	-0.0163+0.0747i	0.0917+0.0181i	-0.0832+0.1870i
24.3	0.0581+0.5498i	-0.3081-0.5480i	3.6253+7.2823i	-3.3409-6.9546i	0.0308+0.0835i	-0.0140+0.0737i	0.0817+0.0149i	-0.0665+0.1862i
24.4	0.0710+0.5391i	-0.3291-0.5202i	3.8650+6.8775i	-3.5737-6.5708i	0.0336+0.0825i	-0.0114+0.0736i	0.0789+0.0156i	-0.0556+0.1832i
24.5	0.0725+0.5267i	-0.3238-0.5027i	3.9572+6.4367i	-3.6721-6.1511i	0.0347+0.0812i	-0.0101+0.0736i	0.0745+0.0161i	-0.0462+0.1797i

24.6	0.0682+0.5101i	-0.3240-0.4898i	4.0932+5.9451i	-3.8122-5.6825i	0.0347+0.0792i	-0.0094+0.0738i	0.0665+0.0172i	-0.0382+0.1757i
24.7	0.0831+0.4922i	-0.3476-0.4594i	4.0812+5.4984i	-3.8108-5.2656i	0.0386+0.0770i	-0.0052+0.0724i	0.0675+0.0190i	-0.0281+0.1680i
24.8	0.0700+0.4730i	-0.3415-0.4330i	4.1365+5.1073i	-3.8750-4.8945i	0.0373+0.0743i	-0.0071+0.0712i	0.0609+0.0190i	-0.0254+0.1621i
24.9	0.0642+0.4997i	-0.3431-0.4571i	4.0330+4.7178i	-3.7833-4.5167i	0.0368+0.0795i	-0.0073+0.0766i	0.0575+0.0292i	-0.0239+0.1668i
25.0	0.1020+0.5008i	-0.3914-0.4521i	3.9678+4.4016i	-3.7412-4.2058i	0.0448+0.0801i	0.0006+0.0791i	0.0661+0.0348i	-0.0114+0.1649i
25.1	0.1225+0.4476i	-0.4173-0.3848i	3.8988+4.1163i	-3.6845-3.9257i	0.0491+0.0710i	0.0050+0.0720i	0.0698+0.0266i	-0.0029+0.1501i
25.2	0.1160+0.4275i	-0.4190-0.3535i	3.8343+3.8840i	-3.6311-3.7023i	0.0487+0.0672i	0.0054+0.0687i	0.0684+0.0247i	-0.0027+0.1422i
25.3	0.1217+0.3867i	-0.4469-0.2916i	3.7442+3.5115i	-3.5678-3.3348i	0.0521+0.0600i	0.0093+0.0636i	0.0712+0.0202i	0.0035+0.1290i
25.4	0.0807+0.3128i	-0.4114-0.1940i	3.5941+3.3116i	-3.4318-3.1263i	0.0477+0.0465i	0.0063+0.0518i	0.0667+0.0058i	-0.0028+0.1080i
25.5	0.0121+0.2913i	-0.3346-0.1521i	3.3822+3.1808i	-3.2327-2.9831i	0.0367+0.0409i	-0.0035+0.0470i	0.0543-0.0009i	-0.0196+0.1003i
25.6	-0.0745+0.2769i	-0.2531-0.1168i	3.2286+2.9944i	-3.0936-2.7901i	0.0238+0.0362i	-0.0156+0.0435i	0.0384-0.0040i	-0.0397+0.0928i
25.7	-0.1732+0.3341i	-0.1530-0.1449i	3.0312+2.8191i	-2.9116-2.5947i	0.0083+0.0432i	-0.0298+0.0518i	0.0211+0.0074i	-0.0643+0.1019i
25.8	-0.2351+0.3977i	-0.0850-0.1769i	2.8978+2.7241i	-2.7759-2.4773i	-0.0014+0.0513i	-0.0383+0.0600i	0.0098+0.0195i	-0.0788+0.1128i
25.9	-0.3058+0.4552i	-0.0022-0.2101i	2.8317+2.6643i	-2.7028-2.4000i	-0.0129+0.0580i	-0.0486+0.0666i	-0.0039+0.0283i	-0.0962+0.1228i
26.0	-0.3971+0.6444i	0.1064-0.3751i	2.6532+2.5763i	-2.5187-2.2899i	-0.0289+0.0832i	-0.0633+0.0925i	-0.0222+0.0612i	-0.1210+0.1604i
26.1	-0.3467+0.8829i	0.0740-0.5929i	2.4517+2.4459i	-2.3030-2.1476i	-0.0240+0.1188i	-0.0573+0.1282i	-0.0134+0.1089i	-0.1163+0.2101i
26.2	-0.1590+1.0383i	-0.0847-0.7337i	2.2617+2.4119i	-2.0993-2.0956i	0.0023+0.1432i	-0.0311+0.1524i	0.0233+0.1415i	-0.0824+0.2465i
26.3	0.0093+1.1293i	-0.2305-0.8144i	2.1112+2.3605i	-1.9335-2.0354i	0.0272+0.1580i	-0.0063+0.1661i	0.0580+0.1601i	-0.0494+0.2678i
26.4	0.1579+1.1685i	-0.3637-0.8429i	1.9108+2.2735i	-1.7130-1.9486i	0.0493+0.1637i	0.0169+0.1719i	0.0917+0.1668i	-0.0215+0.2778i
26.5	0.3124+1.1552i	-0.4941-0.8217i	1.7640+2.2690i	-1.5510-1.9487i	0.0718+0.1618i	0.0395+0.1708i	0.1243+0.1611i	0.0064+0.2799i
26.6	0.4894+1.1077i	-0.6443-0.7704i	1.5891+2.3355i	-1.3602-2.0102i	0.0981+0.1543i	0.0657+0.1639i	0.1601+0.1474i	0.0421+0.2744i
26.7	0.6163+1.0702i	-0.7497-0.7242i	1.3488+2.3212i	-1.1023-1.9996i	0.1172+0.1476i	0.0852+0.1571i	0.1887+0.1355i	0.0664+0.2673i
26.8	0.6929+1.0343i	-0.7981-0.6832i	1.2440+2.3248i	-0.9803-2.0097i	0.1273+0.1418i	0.0956+0.1510i	0.2036+0.1239i	0.0785+0.2636i
26.9	0.7857+1.0056i	-0.8686-0.6599i	1.1342+2.3676i	-0.8603-2.0562i	0.1400+0.1367i	0.1082+0.1469i	0.2205+0.1151i	0.0950+0.2606i
27.0	0.9422+0.9320i	-0.9961-0.5957i	0.9142+2.4689i	-0.6163-2.1684i	0.1615+0.1256i	0.1305+0.1359i	0.2513+0.0945i	0.1223+0.2520i
27.1	1.0895+0.8258i	-1.1245-0.5074i	0.7148+2.5898i	-0.4001-2.2984i	0.1822+0.1118i	0.1511+0.1219i	0.2793+0.0713i	0.1504+0.2396i
27.2	1.1995+0.6777i	-1.2217-0.3741i	0.5298+2.7907i	-0.2058-2.5154i	0.1978+0.0913i	0.1671+0.1014i	0.3013+0.0395i	0.1692+0.2185i
27.3	1.2744+0.4983i	-1.2961-0.2094i	0.3187+3.0547i	0.0048-2.8043i	0.2100+0.0660i	0.1781+0.0761i	0.3199-0.0014i	0.1829+0.1932i
27.4	1.2817+0.2873i	-1.3069-0.0006i	0.1507+3.4349i	0.1698-3.1994i	0.2119+0.0346i	0.1796+0.0447i	0.3230-0.0549i	0.1845+0.1632i
27.5	1.2327+0.1565i	-1.2606+0.1278i	0.1183+3.6323i	0.1935-3.4008i	0.2055+0.0162i	0.1738+0.0269i	0.3131-0.0856i	0.1764+0.1474i
27.6	1.2171-0.0110i	-1.2380+0.2926i	-0.0035+4.1086i	0.3164-3.8649i	0.2035-0.0086i	0.1720+0.0028i	0.3119-0.1314i	0.1741+0.1289i
27.7	1.2026-0.1713i	-1.2161+0.4541i	-0.0069+4.5815i	0.3324-4.3382i	0.2024-0.0326i	0.1709-0.0208i	0.3083-0.1760i	0.1771+0.1124i
27.8	1.0900-0.3326i	-1.1003+0.6180i	0.3114+5.1051i	0.0309-4.8643i	0.1877-0.0562i	0.1552-0.0435i	0.2768-0.2204i	0.1716+0.0970i
27.9	0.9553-0.4686i	-0.9579+0.7578i	0.6918+5.6467i	-0.3485-5.4057i	0.1676-0.0772i	0.1339-0.0631i	0.2377-0.2617i	0.1583+0.0863i
28.0	0.7913-0.5342i	-0.7941+0.8332i	1.2225+5.9429i	-0.8744-5.6994i	0.1435-0.0884i	0.1100-0.0714i	0.1913-0.2850i	0.1416+0.0832i
28.1	0.5865-0.6027i	-0.5748+0.9252i	2.1099+6.2823i	-1.7354-6.0420i	0.1130-0.0979i	0.0807-0.0793i	0.1240-0.3050i	0.1338+0.0803i
28.2	0.4570-0.6077i	-0.4193+0.9512i	2.7485+6.3930i	-2.3509-6.1478i	0.0953-0.0989i	0.0639-0.0791i	0.0806-0.3097i	0.1363+0.0828i
28.3	0.3522-0.5361i	-0.2709+0.8807i	3.3919+6.0643i	-2.9729-5.8281i	0.0833-0.0899i	0.0533-0.0677i	0.0452-0.2894i	0.1458+0.0870i
28.4	0.2316-0.5163i	-0.1131+0.8479i	4.0187+5.8254i	-3.5808-5.6107i	0.0663-0.0869i	0.0379-0.0632i	0.0017-0.2797i	0.1500+0.0832i
28.5	0.1126-0.4391i	0.0323+0.7540i	4.5314+5.3805i	-4.0843-5.1980i	0.0506-0.0784i	0.0255-0.0531i	-0.0337-0.2560i	0.1513+0.0789i
28.6	0.0408-0.3456i	0.1319+0.6400i	4.8887+4.8752i	-4.4270-4.7169i	0.0428-0.0692i	0.0201-0.0435i	-0.0544-0.2299i	0.1557+0.0721i
28.7	0.0237-0.2725i	0.1647+0.5390i	5.0416+4.4299i	-4.5750-4.2934i	0.0408-0.0629i	0.0207-0.0381i	-0.0637-0.2099i	0.1636+0.0612i
28.8	0.0182-0.1862i	0.1825+0.4241i	5.0908+3.9712i	-4.6257-3.8637i	0.0371-0.0551i	0.0186-0.0313i	-0.0730-0.1868i	0.1617+0.0535i
28.9	0.0224-0.1089i	0.1897+0.3170i	5.1516+3.4853i	-4.6802-3.4052i	0.0354-0.0488i	0.0180-0.0257i	-0.0788-0.1652i	0.1616+0.0422i
29.0	0.0430-0.0597i	0.1726+0.2448i	5.0888+3.1425i	-4.6247-3.0823i	0.0343-0.0446i	0.0176-0.0225i	-0.0828-0.1519i	0.1594+0.0365i
29.1	0.0703-0.0149i	0.1370+0.1778i	4.9932+2.8089i	-4.5429-2.7703i	0.0336-0.0385i	0.0170-0.0182i	-0.0844-0.1329i	0.1553+0.0302i
29.2	0.0988+0.0106i	0.1124+0.1267i	4.9265+2.5044i	-4.4839-2.4849i	0.0323-0.0351i	0.0174-0.0159i	-0.0870-0.1192i	0.1527+0.0220i
29.3	0.1238+0.0186i	0.0870+0.1032i	4.8367+2.3258i	-4.4021-2.3171i	0.0330-0.0341i	0.0190-0.0155i	-0.0874-0.1113i	0.1522+0.0163i
29.4	0.1476+0.0261i	0.0625+0.0740i	4.7475+2.0862i	-4.3195-2.0897i	0.0338-0.0322i	0.0203-0.0147i	-0.0845-0.1007i	0.1492+0.0091i
29.5	0.1710+0.0295i	0.0283+0.0501i	4.6151+1.8539i	-4.1948-1.8742i	0.0346-0.0306i	0.0212-0.0138i	-0.0823-0.0906i	0.1462+0.0018i
29.6	0.1841+0.0347i	0.0018+0.0372i	4.5039+1.6933i	-4.0953-1.7231i	0.0346-0.0292i	0.0214-0.0132i	-0.0827-0.0812i	0.1445-0.0039i
29.7	0.1892+0.0315i	-0.0141+0.0278i	4.4062+1.5846i	-4.0069-1.6229i	0.0342-0.0290i	0.0212-0.0138i	-0.0816-0.0766i	0.1408-0.0087i
29.8	0.1975+0.0352i	-0.0315+0.0086i	4.2886+1.4463i	-3.8987-1.4915i	0.0334-0.0283i	0.0207-0.0142i	-0.0803-0.0697i	0.1353-0.0148i
29.9	0.2087+0.0344i	-0.0453-0.0039i	4.1913+1.3199i	-3.8106-1.3713i	0.0327-0.0288i	0.0195-0.0162i	-0.0782-0.0649i	0.1276-0.0226i
30.0	0.2210+0.0255i	-0.0698-0.0057i	4.0767+1.2213i	-3.7047-1.2792i	0.0323-0.0304i	0.0187-0.0188i	-0.0749-0.0630i	0.1195-0.0304i
30.1	0.2329+0.0212i	-0.0920-0.0122i	3.9665+1.1544i	-3.6053-1.2124i	0.0301-0.0308i	0.0160-0.0199i	-0.0751-0.0622i	0.1104-0.0325i
30.2	0.2385+0.0204i	-0.1140-0.0197i	3.8795+1.0691i	-3.5356-1.1307i	0.0264-0.0295i	0.0116-0.0195i	-0.0786-0.0590i	0.1001-0.0319i
30.3	0.2508+0.0182i	-0.1484-0.0226i	3.7909+0.9621i	-3.4575-1.0238i	0.0221-0.0256i	0.0056-0.0170i	-0.0831-0.0531i	0.0872-0.0256i
30.4	0.2545+0.0182i	-0.1681-0.0156i	3.7011+0.9045i	-3.3668-0.9610i	0.0197-0.0209i	0.0013-0.0127i	-0.0883-0.0462i	0.0810-0.0165i
30.5	0.2612+0.0055i	-0.1898+0.0036i	3.6314+0.8572i	-3.2917-0.9122i	0.0194-0.0165i	-0.0011-0.0072i	-0.0933-0.0363i	0.0819-0.0097i
30.6	0.2756-0.0101i	-0.2129+0.0265i	3.5533+0.7955i	-3.2117-0.8573i	0.0214-0.0125i	-0.0007-0.0017i	-0.0929-0.0244i	0.0860-0.0054i
30.7	0.2814-0.0244i	-0.2213+0.0476i	3.4777+0.7491i	-3.1371-0.8202i	0.0239-0.0102i	0.0019+0.0019i	-0.0888-0.0159i	0.0898-0.0038i
30.8	0.2821-0.0444i	-0.2241+0.0796i	3.3905+0.6895i	-3.0560-0.7730i	0.0266-0.0086i	0.0046+0.0055i	-0.0839-0.0090i	0.0915-0.0014i

30.9	0.2763-0.0602i	-0.2213+0.0997i	3.3196+0.6513i	-2.9980-0.7421i	0.0292-0.0088i	0.0080+0.0068i	-0.0773-0.0059i	0.0938-0.0026i
31.0	0.2665-0.0780i	-0.2132+0.1180i	3.2481+0.6044i	-2.9401-0.7029i	0.0314-0.0093i	0.0108+0.0073i	-0.0733-0.0028i	0.0971-0.0054i
31.1	0.2535-0.0860i	-0.1997+0.1284i	3.1778+0.5693i	-2.8835-0.6672i	0.0316-0.0101i	0.0119+0.0073i	-0.0722-0.0001i	0.0986-0.0074i
31.2	0.2400-0.0835i	-0.1871+0.1340i	3.1246+0.5418i	-2.8410-0.6298i	0.0321-0.0100i	0.0135+0.0075i	-0.0722+0.0020i	0.1006-0.0078i
31.3	0.2298-0.0840i	-0.1713+0.1491i	3.0585+0.4838i	-2.7743-0.5593i	0.0329-0.0094i	0.0146+0.0075i	-0.0727+0.0044i	0.1030-0.0079i
31.4	0.2285-0.0834i	-0.1653+0.1488i	3.0158+0.4695i	-2.7285-0.5421i	0.0336-0.0090i	0.0147+0.0072i	-0.0699+0.0064i	0.1020-0.0081i
31.5	0.2279-0.0818i	-0.1550+0.1431i	2.9642+0.4427i	-2.6748-0.5166i	0.0346-0.0085i	0.0155+0.0076i	-0.0686+0.0128i	0.1041-0.0119i
31.6	0.2267-0.0884i	-0.1529+0.1525i	2.8993+0.3959i	-2.6095-0.4725i	0.0365-0.0098i	0.0175+0.0072i	-0.0737+0.0155i	0.1138-0.0155i
31.7	0.2201-0.0921i	-0.1475+0.1615i	2.8599+0.3682i	-2.5664-0.4467i	0.0362-0.0101i	0.0176+0.0068i	-0.0769+0.0223i	0.1165-0.0231i
31.8	0.2205-0.0878i	-0.1428+0.1640i	2.8175+0.3296i	-2.5198-0.4064i	0.0382-0.0095i	0.0200+0.0074i	-0.0750+0.0331i	0.1207-0.0309i
31.9	0.2234-0.0915i	-0.1428+0.1692i	2.7564+0.2959i	-2.4588-0.3707i	0.0394-0.0114i	0.0218+0.0064i	-0.0700+0.0406i	0.1191-0.0403i
32.0	0.2160-0.0953i	-0.1316+0.1783i	2.7096+0.2736i	-2.4037-0.3440i	0.0390-0.0124i	0.0218+0.0048i	-0.0627+0.0484i	0.1122-0.0496i
32.1	0.2176-0.0894i	-0.1177+0.1771i	2.6418+0.2419i	-2.3297-0.3140i	0.0387-0.0115i	0.0215+0.0050i	-0.0575+0.0602i	0.1077-0.0586i
32.2	0.2270-0.0902i	-0.1164+0.1789i	2.5878+0.1992i	-2.2753-0.2799i	0.0391-0.0121i	0.0219+0.0048i	-0.0475+0.0731i	0.0982-0.0700i
32.3	0.2360-0.0993i	-0.1159+0.1906i	2.5084+0.1684i	-2.1880-0.2394i	0.0399-0.0140i	0.0229+0.0033i	-0.0334+0.0797i	0.0877-0.0780i
32.4	0.2364-0.1093i	-0.1125+0.1978i	2.4369+0.1485i	-2.1039-0.2313i	0.0402-0.0131i	0.0229+0.0045i	-0.0256+0.0861i	0.0818-0.0791i
32.5	0.2385-0.1095i	-0.1003+0.1951i	2.3779+0.1455i	-2.0358-0.2376i	0.0413-0.0110i	0.0236+0.0059i	-0.0121+0.0879i	0.0728-0.0761i
32.6	0.2412-0.1205i	-0.0822+0.2008i	2.3074+0.1369i	-1.9469-0.2310i	0.0425-0.0115i	0.0242+0.0054i	-0.0001+0.0860i	0.0666-0.0741i
32.7	0.2401-0.1395i	-0.0604+0.2094i	2.2121+0.1308i	-1.8351-0.2320i	0.0439-0.0131i	0.0264+0.0043i	0.0134+0.0779i	0.0607-0.0689i
32.8	0.2439-0.1596i	-0.0413+0.2104i	2.1347+0.1650i	-1.7432-0.2822i	0.0458-0.0145i	0.0275+0.0028i	0.0211+0.0689i	0.0598-0.0654i
32.9	0.2388-0.1801i	-0.0099+0.1941i	2.0300+0.2053i	-1.6291-0.3592i	0.0480-0.0167i	0.0288+0.0007i	0.0337+0.0620i	0.0567-0.0670i
33.0	0.2322-0.1905i	0.0121+0.1884i	1.9503+0.2038i	-1.5391-0.3745i	0.0479-0.0204i	0.0290-0.0031i	0.0364+0.0530i	0.0564-0.0708i
33.1	0.2188-0.2036i	0.0278+0.1738i	1.8772+0.2461i	-1.4622-0.4375i	0.0467-0.0230i	0.0279-0.0049i	0.0405+0.0443i	0.0499-0.0690i
33.2	0.2071-0.2090i	0.0426+0.1526i	1.8002+0.2807i	-1.3838-0.4933i	0.0443-0.0230i	0.0247-0.0055i	0.0346+0.0378i	0.0479-0.0655i
33.3	0.2050-0.2203i	0.0493+0.1279i	1.7238+0.3640i	-1.3031-0.6166i	0.0441-0.0227i	0.0233-0.0050i	0.0329+0.0336i	0.0480-0.0621i
33.4	0.1987-0.2338i	0.0561+0.1066i	1.6684+0.4593i	-1.2423-0.7471i	0.0434-0.0231i	0.0213-0.0052i	0.0308+0.0321i	0.0459-0.0621i
33.5	0.1810-0.2521i	0.0504+0.0878i	1.6725+0.5803i	-1.2695-0.9000i	0.0431-0.0234i	0.0200-0.0044i	0.0294+0.0355i	0.0432-0.0655i
33.6	0.1669-0.2671i	0.0401+0.0643i	1.6810+0.6869i	-1.3040-1.0384i	0.0435-0.0220i	0.0207-0.0014i	0.0350+0.0396i	0.0382-0.0634i
33.7	0.1409-0.2832i	0.0233+0.0328i	1.7472+0.8947i	-1.4015-1.2895i	0.0463-0.0183i	0.0228+0.0033i	0.0383+0.0408i	0.0439-0.0538i
33.8	0.1164-0.2851i	0.0038+0.0130i	1.8444+1.0340i	-1.5307-1.4486i	0.0512-0.0167i	0.0268+0.0057i	0.0443+0.0423i	0.0506-0.0514i
33.9	0.1066-0.2779i	-0.0240-0.0002i	1.9906+1.0988i	-1.7127-1.5189i	0.0572-0.0190i	0.0318+0.0051i	0.0500+0.0402i	0.0601-0.0552i
34.0	0.0962-0.2794i	-0.0538-0.0039i	2.1701+1.1319i	-1.9194-1.5589i	0.0631-0.0223i	0.0372+0.0037i	0.0606+0.0375i	0.0642-0.0623i
34.1	0.0783-0.2761i	-0.0839+0.0093i	2.3570+1.0490i	-2.1271-1.4715i	0.0647-0.0282i	0.0400+0.0004i	0.0641+0.0283i	0.0651-0.0678i
34.2	0.0666-0.2842i	-0.0973+0.0334i	2.4840+0.9305i	-2.2640-1.3575i	0.0657-0.0379i	0.0401-0.0070i	0.0632+0.0154i	0.0641-0.0806i
34.3	0.0550-0.2940i	-0.1045+0.0352i	2.5350+0.8382i	-2.3313-1.2971i	0.0662-0.0449i	0.0395-0.0120i	0.0586+0.0081i	0.0638-0.0912i
34.4	0.0326-0.3046i	-0.1140+0.0560i	2.5764+0.7349i	-2.4066-1.2145i	0.0639-0.0517i	0.0395-0.0164i	0.0578+0.0033i	0.0601-0.0984i
34.5	0.0088-0.3022i	-0.1222+0.0731i	2.6221+0.6518i	-2.4897-1.1393i	0.0615-0.0557i	0.0388-0.0183i	0.0597+0.0049i	0.0510-0.1057i
34.6	-0.0168-0.2980i	-0.1203+0.0846i	2.6119+0.5704i	-2.5121-1.0689i	0.0562-0.0590i	0.0352-0.0198i	0.0564+0.0070i	0.0387-0.1094i
34.7	-0.0527-0.3050i	-0.1173+0.1027i	2.6120+0.5080i	-2.5559-1.0282i	0.0519-0.0647i	0.0337-0.0219i	0.0568+0.0066i	0.0283-0.1152i
34.8	-0.0754-0.2857i	-0.1148+0.1076i	2.6099+0.4459i	-2.5970-0.9531i	0.0485-0.0659i	0.0327-0.0212i	0.0582+0.0083i	0.0204-0.1139i
34.9	-0.0902-0.2661i	-0.0997+0.1205i	2.5760+0.3818i	-2.5934-0.8681i	0.0449-0.0648i	0.0319-0.0197i	0.0622+0.0120i	0.0130-0.1093i
35.0	-0.1191-0.2533i	-0.0950+0.1309i	2.5787+0.3335i	-2.6567-0.8151i	0.0434-0.0636i	0.0340-0.0181i	0.0742+0.0160i	0.0044-0.1042i
35.1	-0.1391-0.2311i	-0.0945+0.1415i	2.5976+0.3140i	-2.7242-0.7598i	0.0429-0.0633i	0.0369-0.0183i	0.0893+0.0138i	-0.0025-0.0982i
35.2	-0.1507-0.2105i	-0.0868+0.1526i	2.5994+0.2936i	-2.7581-0.6916i	0.0450-0.0643i	0.0411-0.0206i	0.1076+0.0074i	-0.0032-0.0961i
35.3	-0.1576-0.1808i	-0.0762+0.1531i	2.6120+0.2580i	-2.7900-0.6158i	0.0443-0.0645i	0.0426-0.0216i	0.1168-0.0037i	-0.0058-0.0858i
35.4	-0.1554-0.1435i	-0.0676+0.1578i	2.6381+0.1902i	-2.8317-0.4881i	0.0467-0.0675i	0.0479-0.0282i	0.1267-0.0292i	0.0017-0.0792i
35.5	-0.1462-0.1258i	-0.0610+0.1571i	2.6558+0.1262i	-2.8359-0.3911i	0.0488-0.0729i	0.0500-0.0355i	0.1266-0.0519i	0.0110-0.0804i
35.6	-0.1520-0.1031i	-0.0519+0.1592i	2.7039+0.0591i	-2.8901-0.2820i	0.0507-0.0784i	0.0522-0.0422i	0.1270-0.0709i	0.0205-0.0847i
35.7	-0.1383-0.0847i	-0.0454+0.1600i	2.7382-0.0233i	-2.9009-0.1542i	0.0539-0.0855i	0.0545-0.0509i	0.1212-0.0936i	0.0338-0.0918i
35.8	-0.1385-0.0672i	-0.0378+0.1585i	2.7700-0.1029i	-2.9100-0.0556i	0.0523-0.0953i	0.0517-0.0610i	0.1056-0.1139i	0.0404-0.1050i
35.9	-0.1210-0.0552i	-0.0304+0.1593i	2.7642-0.2305i	-2.8675+0.0984i	0.0468-0.1121i	0.0446-0.0773i	0.0780-0.1329i	0.0436-0.1408i
36.0	-0.1041-0.0651i	-0.0254+0.1595i	2.7386-0.3502i	-2.8083+0.2046i	0.0377-0.1253i	0.0354-0.0895i	0.0510-0.1421i	0.0370-0.1723i
36.1	-0.1019-0.0623i	-0.0158+0.1569i	2.7108-0.4780i	-2.7451+0.3122i	0.0216-0.1359i	0.0181-0.0989i	0.0249-0.1388i	0.0059-0.2046i
36.2	-0.1003-0.0521i	-0.0045+0.1547i	2.6146-0.6071i	-2.6354+0.4258i	-0.0007-0.1408i	-0.0036-0.1015i	-0.0035-0.1124i	-0.0372-0.2371i
36.3	-0.0999-0.0415i	-0.0001+0.1464i	2.4991-0.6866i	-2.5389+0.4945i	-0.0219-0.1363i	-0.0217-0.0953i	-0.0116-0.0817i	-0.0911-0.2475i
36.4	-0.0931-0.0213i	-0.0039+0.1436i	2.4462-0.7474i	-2.4904+0.5609i	-0.0396-0.1267i	-0.0375-0.0839i	0.0015-0.0624i	-0.1546-0.2283i
36.5	-0.0799-0.0102i	-0.0089+0.1386i	2.3625-0.7738i	-2.4096+0.5863i	-0.0508-0.1095i	-0.0468-0.0666i	0.0271-0.0496i	-0.2079-0.1855i
36.6	-0.0698-0.0130i	-0.0062+0.1395i	2.2731-0.7860i	-2.3340+0.5994i	-0.0523-0.0969i	-0.0457-0.0538i	0.0462-0.0511i	-0.2231-0.1416i
36.7	-0.0521-0.0067i	-0.0093+0.1430i	2.2237-0.8043i	-2.2900+0.6303i	-0.0520-0.0868i	-0.0434-0.0443i	0.0705-0.0649i	-0.2419-0.0960i
36.8	-0.0316-0.0101i	-0.0099+0.1436i	2.1964-0.8426i	-2.2530+0.6687i	-0.0477-0.0768i	-0.0377-0.0348i	0.0868-0.0860i	-0.2402-0.0446i
36.9	-0.0353-0.0178i	-0.0018+0.1472i	2.1506-0.8998i	-2.2135+0.7145i	-0.0461-0.0759i	-0.0342-0.0335i	0.0845-0.1094i	-0.2295-0.0177i
37.0	-0.0395-0.0042i	-0.0011+0.1508i	2.1064-0.9728i	-2.1882+0.8000i	-0.0473-0.0757i	-0.0333-0.0332i	0.0709-0.1384i	-0.2152+0.0145i
37.1	-0.0052+0.0018i	0.0028+0.1563i	2.0484-1.0145i	-2.1184+0.8576i	-0.0455-0.0694i	-0.0287-0.0271i	0.0591-0.1584i	-0.1913+0.0533i

37.2	0.0296-0.0134i	0.0082+0.1666i	1.9897-1.0459i	-2.0359+0.8997i	-0.0405-0.0663i	-0.0215-0.0264i	0.0483-0.1772i	-0.1610+0.0784i
37.3	0.0440-0.0485i	0.0211+0.1771i	1.9351-1.1125i	-1.9543+0.9443i	-0.0347-0.0677i	-0.0158-0.0293i	0.0279-0.1997i	-0.1198+0.0956i
37.4	0.0552-0.0872i	0.0391+0.1871i	1.8722-1.1879i	-1.8683+1.0028i	-0.0304-0.0729i	-0.0106-0.0355i	-0.0033-0.2248i	-0.0713+0.1029i
37.5	0.0429-0.1122i	0.0529+0.1833i	1.7987-1.2225i	-1.7933+1.0063i	-0.0307-0.0785i	-0.0093-0.0416i	-0.0327-0.2343i	-0.0384+0.0933i
37.6	-0.0067-0.1481i	0.0773+0.1734i	1.6642-1.2744i	-1.6868+1.0101i	-0.0410-0.0892i	-0.0187-0.0530i	-0.0745-0.2321i	-0.0242+0.0569i
37.7	-0.0676-0.1737i	0.0996+0.1610i	1.5313-1.3128i	-1.5974+1.0014i	-0.0540-0.0987i	-0.0310-0.0625i	-0.1113-0.2221i	-0.0256+0.0182i
37.8	-0.1111-0.1458i	0.1000+0.1411i	1.4234-1.3163i	-1.5577+1.0059i	-0.0688-0.0983i	-0.0432-0.0617i	-0.1434-0.1986i	-0.0349-0.0037i
37.9	-0.1316-0.0816i	0.0942+0.1234i	1.3127-1.2622i	-1.5161+1.0070i	-0.0854-0.0905i	-0.0562-0.0551i	-0.1653-0.1723i	-0.0594-0.0074i
38.0	-0.1216-0.0430i	0.0919+0.1183i	1.2461-1.2157i	-1.4532+1.0184i	-0.0958-0.0801i	-0.0648-0.0474i	-0.1805-0.1532i	-0.0735+0.0009i
38.1	-0.0890-0.0413i	0.0905+0.1160i	1.1616-1.1979i	-1.3498+1.0323i	-0.0964-0.0713i	-0.0636-0.0417i	-0.1846-0.1202i	-0.0651-0.0086i
38.2	-0.0721-0.0458i	0.0920+0.1174i	1.0670-1.1825i	-1.2491+1.0419i	-0.0999-0.0641i	-0.0655-0.0377i	-0.1858-0.0926i	-0.0689-0.0177i
38.3	-0.0790-0.0465i	0.1022+0.1121i	0.9946-1.1330i	-1.1743+0.9987i	-0.1093-0.0600i	-0.0754-0.0355i	-0.1901-0.0817i	-0.0931-0.0186i
38.4	-0.0904-0.0578i	0.1191+0.1042i	0.9062-1.0908i	-1.0840+0.9481i	-0.1136-0.0599i	-0.0809-0.0373i	-0.1817-0.0778i	-0.1136-0.0268i
38.5	-0.1105-0.0523i	0.1276+0.0939i	0.8508-1.0390i	-1.0310+0.9021i	-0.1225-0.0532i	-0.0902-0.0318i	-0.1915-0.0679i	-0.1321-0.0196i
38.6	-0.1116-0.0475i	0.1262+0.0824i	0.7921-0.9964i	-0.9709+0.8692i	-0.1291-0.0393i	-0.0959-0.0204i	-0.1951-0.0456i	-0.1453-0.0038i
38.7	-0.1188-0.0326i	0.1324+0.0693i	0.7466-0.9448i	-0.9275+0.8315i	-0.1347-0.0279i	-0.1016-0.0106i	-0.1968-0.0323i	-0.1581+0.0146i
38.8	-0.1322-0.0234i	0.1429+0.0542i	0.7207-0.9046i	-0.8976+0.7910i	-0.1416-0.0221i	-0.1084-0.0054i	-0.2166-0.0239i	-0.1605+0.0221i
38.9	-0.1263-0.0059i	0.1378+0.0385i	0.6806-0.8425i	-0.8673+0.7446i	-0.1468-0.0020i	-0.1125+0.0129i	-0.2232+0.0055i	-0.1668+0.0515i
39.0	-0.1214+0.0107i	0.1345+0.0289i	0.6697-0.7927i	-0.8528+0.7085i	-0.1468+0.0102i	-0.1130+0.0231i	-0.2251+0.0214i	-0.1642+0.0694i
39.1	-0.1141+0.0263i	0.1265+0.0164i	0.6593-0.7581i	-0.8430+0.6857i	-0.1455+0.0246i	-0.1113+0.0361i	-0.2267+0.0466i	-0.1560+0.0864i
39.2	-0.1017+0.0405i	0.1193+0.0019i	0.6493-0.7231i	-0.8340+0.6659i	-0.1455+0.0417i	-0.1107+0.0510i	-0.2313+0.0737i	-0.1502+0.1095i
39.3	-0.0861+0.0489i	0.1084-0.0041i	0.6381-0.6886i	-0.8129+0.6402i	-0.1344+0.0591i	-0.1006+0.0669i	-0.2137+0.0997i	-0.1339+0.1333i
39.4	-0.0696+0.0521i	0.0962-0.0170i	0.6291-0.6635i	-0.7968+0.6175i	-0.1231+0.0784i	-0.0902+0.0838i	-0.1950+0.1406i	-0.1179+0.1473i
39.5	-0.0593+0.0542i	0.0895-0.0260i	0.6196-0.6416i	-0.7833+0.5928i	-0.1148+0.0923i	-0.0822+0.0962i	-0.1828+0.1664i	-0.1042+0.1614i
39.6	-0.0459+0.0521i	0.0751-0.0340i	0.6012-0.6270i	-0.7662+0.5758i	-0.0976+0.1033i	-0.0653+0.1054i	-0.1596+0.1843i	-0.0733+0.1737i
39.7	-0.0372+0.0611i	0.0606-0.0500i	0.5947-0.6312i	-0.7691+0.5742i	-0.0883+0.1170i	-0.0563+0.1178i	-0.1528+0.2228i	-0.0505+0.1755i
39.8	-0.0205+0.0641i	0.0442-0.0555i	0.5710-0.6227i	-0.7461+0.5807i	-0.0755+0.1297i	-0.0443+0.1288i	-0.1180+0.2650i	-0.0449+0.1700i
39.9	-0.0060+0.0514i	0.0218-0.0516i	0.5198-0.5932i	-0.7033+0.5539i	-0.0463+0.1375i	-0.0170+0.1345i	-0.0396+0.2787i	-0.0334+0.1747i
40.0	0.0062+0.0409i	0.0054-0.0418i	0.4802-0.5731i	-0.6698+0.5351i	-0.0214+0.1416i	0.0062+0.1372i	0.0183+0.2790i	-0.0144+0.1821i
40.1	0.0088+0.0237i	0.0030-0.0302i	0.4777-0.5306i	-0.6586+0.5073i	-0.0038+0.1287i	0.0217+0.1242i	0.0542+0.2436i	0.0022+0.1745i
40.2	0.0116+0.0113i	-0.0114-0.0204i	0.4595-0.4987i	-0.6482+0.4889i	0.0144+0.1192i	0.0393+0.1133i	0.0892+0.2150i	0.0218+0.1694i
40.3	0.0104+0.0077i	-0.0172-0.0140i	0.4428-0.4745i	-0.6283+0.4656i	0.0254+0.1110i	0.0495+0.1040i	0.1120+0.1944i	0.0332+0.1605i
40.4	0.0082-0.0038i	-0.0201-0.0060i	0.4265-0.4458i	-0.6132+0.4377i	0.0374+0.0979i	0.0599+0.0917i	0.1336+0.1622i	0.0465+0.1506i
40.5	0.0025-0.0100i	-0.0207+0.0080i	0.4265-0.4081i	-0.6071+0.4192i	0.0454+0.0828i	0.0659+0.0764i	0.1432+0.1250i	0.0575+0.1382i
40.6	-0.0045-0.0088i	-0.0144+0.0095i	0.4436-0.3766i	-0.6171+0.3890i	0.0423+0.0705i	0.0614+0.0651i	0.1286+0.0945i	0.0583+0.1308i
40.7	-0.0129-0.0144i	-0.0163+0.0070i	0.4599-0.3408i	-0.6289+0.3523i	0.0426+0.0602i	0.0606+0.0548i	0.1146+0.0722i	0.0709+0.1198i
40.8	-0.0158-0.0174i	-0.0267+0.0154i	0.4495-0.3477i	-0.6350+0.3728i	0.0511+0.0559i	0.0695+0.0492i	0.1252+0.0727i	0.0868+0.1036i
40.9	-0.0176-0.0162i	-0.0253+0.0263i	0.4245-0.3344i	-0.6133+0.3762i	0.0518+0.0467i	0.0695+0.0397i	0.1346+0.0609i	0.0783+0.0844i
41.0	-0.0164-0.0229i	-0.0189+0.0419i	0.4149-0.2893i	-0.5911+0.3564i	0.0502+0.0324i	0.0668+0.0251i	0.1357+0.0274i	0.0697+0.0713i
41.1	-0.0149-0.0291i	-0.0256+0.0573i	0.4053-0.2567i	-0.5831+0.3443i	0.0569+0.0222i	0.0725+0.0138i	0.1486+0.0003i	0.0758+0.0638i
41.2	-0.0173-0.0353i	-0.0279+0.0739i	0.3877-0.2327i	-0.5730+0.3493i	0.0611+0.0125i	0.0761+0.0030i	0.1612-0.0248i	0.0746+0.0559i
41.3	-0.0309-0.0352i	-0.0019+0.0839i	0.4044-0.1875i	-0.5476+0.3238i	0.0481-0.0013i	0.0616-0.0106i	0.1303-0.0582i	0.0607+0.0452i
41.4	-0.0358-0.0284i	0.0177+0.0752i	0.4243-0.1687i	-0.5368+0.2904i	0.0334-0.0027i	0.0457-0.0106i	0.0957-0.0617i	0.0485+0.0465i
41.5	-0.0353-0.0247i	0.0116+0.0610i	0.4383-0.1595i	-0.5520+0.2666i	0.0327+0.0032i	0.0443-0.0037i	0.0888-0.0519i	0.0519+0.0569i
41.6	-0.0349-0.0264i	0.0040+0.0792i	0.4369-0.1283i	-0.5576+0.2613i	0.0366-0.0080i	0.0484-0.0158i	0.0926-0.0795i	0.0583+0.0470i
41.7	-0.0371-0.0255i	0.0093+0.0834i	0.4420-0.1279i	-0.5585+0.2604i	0.0336-0.0111i	0.0453-0.0187i	0.0827-0.0855i	0.0588+0.0424i
41.8	-0.0389-0.0275i	0.0033+0.0784i	0.4547-0.1194i	-0.5758+0.2449i	0.0342-0.0068i	0.0454-0.0142i	0.0739-0.0837i	0.0683+0.0545i
41.9	-0.0417-0.0261i	0.0019+0.0847i	0.4753-0.1083i	-0.5948+0.2412i	0.0352-0.0096i	0.0463-0.0170i	0.0641-0.0894i	0.0799+0.0505i
42.0	-0.0488-0.0188i	0.0220+0.0814i	0.5065-0.1272i	-0.6003+0.2551i	0.0206-0.0088i	0.0317-0.0159i	0.0274-0.0769i	0.0705+0.0398i
42.1	-0.0413-0.0166i	0.0162+0.0871i	0.4623-0.1278i	-0.5659+0.2758i	0.0271-0.0088i	0.0380-0.0175i	0.0453-0.0721i	0.0721+0.0321i
42.2	-0.0413-0.0105i	0.0254+0.0861i	0.4699-0.1139i	-0.5651+0.2629i	0.0234-0.0114i	0.0341-0.0189i	0.0375-0.0710i	0.0676+0.0242i
42.3	-0.0540-0.0137i	0.0607+0.0868i	0.5005-0.1105i	-0.5411+0.2690i	0.0052-0.0183i	0.0147-0.0261i	0.0015-0.0729i	0.0428+0.0049i
42.4	-0.0623-0.0137i	0.0668+0.0773i	0.4673-0.1159i	-0.5072+0.2650i	0.0022-0.0131i	0.0108-0.0209i	0.0107-0.0640i	0.0234+0.0119i
42.5	-0.0613+0.0022i	0.0721+0.0450i	0.4525-0.1169i	-0.4782+0.2250i	-0.0001+0.0005i	0.0071-0.0064i	0.0093-0.0463i	0.0162+0.0382i
42.6	-0.0628+0.0143i	0.0877+0.0268i	0.4809-0.0770i	-0.4750+0.1673i	-0.0088+0.0038i	-0.0029-0.0021i	-0.0148-0.0477i	0.0104+0.0512i
42.7	-0.0596+0.0075i	0.0780+0.0588i	0.4854-0.0168i	-0.4919+0.1659i	0.0003-0.0135i	0.0068-0.0212i	-0.0079-0.0866i	0.0322+0.0315i
42.8	-0.0576+0.0045i	0.0680+0.0671i	0.4975-0.0093i	-0.5162+0.1726i	0.0062-0.0193i	0.0134-0.0277i	-0.0106-0.0959i	0.0528+0.0206i
42.9	-0.0523+0.0096i	0.0672+0.0677i	0.4991-0.0287i	-0.5157+0.1966i	0.0060-0.0204i	0.0128-0.0294i	-0.0184-0.0862i	0.0576+0.0059i
43.0	-0.0473+0.0160i	0.0651+0.0573i	0.4728-0.0326i	-0.4833+0.1894i	0.0045-0.0152i	0.0100-0.0237i	-0.0137-0.0671i	0.0452+0.0045i
43.1	-0.0429+0.0147i	0.0598+0.0445i	0.4736-0.0077i	-0.4799+0.1449i	0.0051-0.0089i	0.0103-0.0165i	-0.0026-0.0641i	0.0349+0.0222i
43.2	-0.0453+0.0222i	0.0619+0.0290i	0.5215+0.0072i	-0.5099+0.1062i	0.0003-0.0050i	0.0050-0.0115i	-0.0148-0.0634i	0.0301+0.0361i
43.3	-0.0496+0.0192i	0.0683+0.0400i	0.5481+0.0113i	-0.5199+0.1146i	-0.0038-0.0109i	-0.0005-0.0176i	-0.0321-0.0740i	0.0329+0.0280i
43.4	-0.0465+0.0150i	0.0748+0.0545i	0.5669+0.0184i	-0.5362+0.1314i	-0.0028-0.0181i	0.0003-0.0257i	-0.0402-0.0850i	0.0433+0.0147i

43.5	-0.0478+0.0217i	0.0769+0.0354i	0.5929-0.0256i	-0.5553+0.1459i	-0.0066-0.0091i	-0.0024-0.0153i	-0.0488-0.0630i	0.0419+0.0220i
43.6	-0.0404+0.0204i	0.0689+0.0417i	0.5719-0.0517i	-0.5461+0.1822i	-0.0033-0.0106i	0.0014-0.0171i	-0.0429-0.0601i	0.0470+0.0157i
43.7	-0.0411+0.0217i	0.0957+0.0373i	0.5699-0.0314i	-0.4999+0.1612i	-0.0161-0.0130i	-0.0138-0.0187i	-0.0663-0.0580i	0.0260+0.0077i
43.8	-0.0403+0.0286i	0.1011+0.0457i	0.5848+0.0222i	-0.4973+0.1289i	-0.0160-0.0191i	-0.0146-0.0264i	-0.0731-0.0717i	0.0299-0.0004i
43.9	-0.0387+0.0251i	0.0771+0.0326i	0.5923-0.0272i	-0.5391+0.1606i	-0.0078-0.0096i	-0.0051-0.0169i	-0.0581-0.0489i	0.0423+0.0060i
44.0	-0.0347+0.0312i	0.0657+0.0221i	0.5704-0.0595i	-0.5320+0.1855i	-0.0039-0.0055i	-0.0005-0.0123i	-0.0440-0.0385i	0.0405+0.0096i
44.1	-0.0309+0.0383i	0.0697+0.0294i	0.5487-0.0408i	-0.4972+0.1795i	-0.0043-0.0098i	-0.0013-0.0167i	-0.0451-0.0495i	0.0391+0.0074i
44.2	-0.0245+0.0381i	0.0891+0.0428i	0.5746-0.0128i	-0.4722+0.1674i	-0.0123-0.0199i	-0.0109-0.0267i	-0.0673-0.0619i	0.0335-0.0116i
44.3	-0.0183+0.0371i	0.1245+0.0378i	0.6366-0.0294i	-0.4603+0.1524i	-0.0336-0.0227i	-0.0342-0.0267i	-0.1031-0.0578i	-0.0003-0.0200i
44.4	-0.0127+0.0299i	0.1150+0.0254i	0.5999-0.0719i	-0.4406+0.1666i	-0.0326-0.0158i	-0.0322-0.0197i	-0.0966-0.0414i	-0.0020-0.0140i
44.5	-0.0119+0.0210i	0.0992+0.0247i	0.5409-0.0561i	-0.4150+0.1572i	-0.0234-0.0119i	-0.0219-0.0180i	-0.0806-0.0374i	0.0120-0.0076i
44.6	-0.0117+0.0204i	0.0977+0.0091i	0.5462-0.0373i	-0.4135+0.1304i	-0.0256-0.0043i	-0.0246-0.0104i	-0.0808-0.0248i	0.0047+0.0027i
44.7	-0.0051+0.0201i	0.0979+0.0095i	0.5525-0.0367i	-0.4106+0.1202i	-0.0264-0.0042i	-0.0257-0.0094i	-0.0821-0.0261i	0.0026+0.0067i
44.8	-0.0030+0.0125i	0.0912+0.0013i	0.5334-0.0163i	-0.4041+0.0852i	-0.0229-0.0002i	-0.0212-0.0057i	-0.0826-0.0243i	0.0158+0.0169i
44.9	-0.0075+0.0050i	0.1000-0.0229i	0.5691-0.0281i	-0.4395+0.0545i	-0.0304+0.0095i	-0.0283+0.0051i	-0.0985+0.0007i	0.0095+0.0241i
45.0	-0.0082+0.0046i	0.1007-0.0188i	0.6067-0.0592i	-0.4690+0.0778i	-0.0313+0.0087i	-0.0296+0.0034i	-0.1025+0.0109i	0.0102+0.0097i
45.1	-0.0138+0.0109i	0.0770-0.0225i	0.5354-0.0832i	-0.4405+0.1078i	-0.0185+0.0128i	-0.0167+0.0051i	-0.0756+0.0214i	0.0228+0.0079i
45.2	-0.0042+0.0101i	0.0688-0.0231i	0.5095-0.0630i	-0.4233+0.0823i	-0.0162+0.0163i	-0.0145+0.0083i	-0.0628+0.0269i	0.0169+0.0128i
45.3	-0.0046+0.0028i	0.0689-0.0131i	0.5145-0.0165i	-0.4110+0.0439i	-0.0147+0.0123i	-0.0151+0.0043i	-0.0571+0.0170i	0.0119+0.0107i
45.4	-0.0079-0.0022i	0.0624+0.0007i	0.5412+0.0341i	-0.4308+0.0165i	-0.0104+0.0030i	-0.0128-0.0048i	-0.0529-0.0004i	0.0184-0.0001i
45.5	-0.0105-0.0046i	0.0600-0.0183i	0.5799+0.0219i	-0.4742+0.0036i	-0.0107+0.0113i	-0.0130+0.0045i	-0.0566+0.0097i	0.0210+0.0162i
45.6	-0.0060-0.0082i	0.0748-0.0058i	0.6233+0.0097i	-0.4841+0.0190i	-0.0174+0.0056i	-0.0204-0.0006i	-0.0688+0.0036i	0.0100+0.0070i
45.7	-0.0129-0.0148i	0.0720-0.0005i	0.6655-0.0019i	-0.5203+0.0258i	-0.0179+0.0028i	-0.0206-0.0031i	-0.0705+0.0039i	0.0099-0.0032i
45.8	-0.0200-0.0215i	0.0548-0.0127i	0.6618-0.0516i	-0.5473+0.0604i	-0.0141+0.0113i	-0.0155+0.0041i	-0.0644+0.0173i	0.0173+0.0085i
45.9	-0.0236-0.0296i	0.0506-0.0246i	0.6538-0.1329i	-0.5517+0.1122i	-0.0152+0.0178i	-0.0162+0.0101i	-0.0638+0.0339i	0.0130+0.0129i
46.0	-0.0272-0.0213i	0.0467-0.0198i	0.5790-0.1759i	-0.5052+0.1637i	-0.0088+0.0201i	-0.0107+0.0107i	-0.0434+0.0388i	0.0123+0.0146i
46.1	-0.0293-0.0263i	0.0686-0.0068i	0.5316-0.1433i	-0.4282+0.1564i	-0.0122+0.0128i	-0.0162+0.0042i	-0.0439+0.0164i	0.0006+0.0150i
46.2	-0.0444-0.0311i	0.0742-0.0101i	0.5023-0.0964i	-0.3810+0.1046i	-0.0127+0.0131i	-0.0186+0.0056i	-0.0515+0.0078i	0.0040+0.0259i
46.3	-0.0478-0.0197i	0.0582-0.0126i	0.5575-0.0547i	-0.4544+0.0759i	-0.0083+0.0126i	-0.0142+0.0053i	-0.0547+0.0126i	0.0207+0.0170i
46.4	-0.0446-0.0173i	0.0630-0.0134i	0.5584-0.1093i	-0.4517+0.1094i	-0.0096+0.0158i	-0.0149+0.0079i	-0.0571+0.0287i	0.0174+0.0130i
46.5	-0.0465-0.0253i	0.0719-0.0112i	0.5336-0.1042i	-0.4164+0.0924i	-0.0089+0.0144i	-0.0165+0.0080i	-0.0522+0.0329i	0.0129+0.0080i
46.6	-0.0537-0.0234i	0.0790-0.0142i	0.5397-0.0955i	-0.4079+0.0810i	-0.0142+0.0147i	-0.0230+0.0090i	-0.0549+0.0336i	-0.0036+0.0078i
46.7	-0.0616-0.0210i	0.0700-0.0189i	0.5261-0.0912i	-0.4170+0.0639i	-0.0110+0.0169i	-0.0200+0.0121i	-0.0441+0.0358i	-0.0044+0.0132i
46.8	-0.0592-0.0121i	0.0664-0.0189i	0.5296-0.0887i	-0.4297+0.0553i	-0.0095+0.0175i	-0.0175+0.0130i	-0.0396+0.0336i	-0.0029+0.0194i
46.9	-0.0547-0.0098i	0.0664-0.0254i	0.5499-0.0806i	-0.4440+0.0504i	-0.0073+0.0173i	-0.0160+0.0127i	-0.0370+0.0314i	0.0023+0.0239i
47.0	-0.0622-0.0014i	0.0600-0.0295i	0.5536-0.1004i	-0.4564+0.0752i	-0.0042+0.0189i	-0.0133+0.0148i	-0.0332+0.0367i	0.0060+0.0244i
47.1	-0.0735-0.0034i	0.0653-0.0345i	0.5312-0.1127i	-0.4386+0.0763i	-0.0065+0.0221i	-0.0155+0.0197i	-0.0302+0.0392i	-0.0054+0.0331i
47.2	-0.0807+0.0030i	0.0646-0.0376i	0.5504-0.1060i	-0.4660+0.0468i	-0.0046+0.0222i	-0.0140+0.0217i	-0.0271+0.0320i	0.0013+0.0423i
47.3	-0.0825+0.0078i	0.0634-0.0309i	0.5691-0.1372i	-0.4901+0.1000i	-0.0026+0.0217i	-0.0120+0.0196i	-0.0290+0.0260i	0.0080+0.0438i
47.4	-0.0888+0.0099i	0.0610-0.0264i	0.5307-0.1793i	-0.4550+0.1574i	-0.0010+0.0203i	-0.0119+0.0165i	-0.0383+0.0236i	0.0166+0.0404i
47.5	-0.0934+0.0151i	0.0715-0.0290i	0.4712-0.1821i	-0.3792+0.1657i	-0.0010+0.0179i	-0.0145+0.0150i	-0.0452+0.0287i	0.0212+0.0308i
47.6	-0.0875+0.0247i	0.0814-0.0323i	0.4582-0.1458i	-0.3542+0.1197i	-0.0039+0.0146i	-0.0178+0.0149i	-0.0465+0.0363i	0.0132+0.0187i
47.7	-0.0834+0.0307i	0.0800-0.0392i	0.4538-0.1394i	-0.3578+0.1113i	-0.0040+0.0164i	-0.0171+0.0178i	-0.0408+0.0430i	0.0072+0.0220i
47.8	-0.0835+0.0408i	0.0742-0.0361i	0.4473-0.1290i	-0.3725+0.0756i	-0.0018+0.0137i	-0.0146+0.0156i	-0.0339+0.0342i	0.0041+0.0191i
47.9	-0.0848+0.0437i	0.0742-0.0298i	0.4590-0.1300i	-0.3684+0.0812i	-0.0047+0.0110i	-0.0184+0.0145i	-0.0350+0.0316i	-0.0029+0.0147i
48.0	-0.0825+0.0526i	0.0783-0.0395i	0.4687-0.1465i	-0.3567+0.1013i	-0.0061+0.0157i	-0.0196+0.0206i	-0.0351+0.0390i	-0.0038+0.0245i
48.1	-0.0845+0.0583i	0.0814-0.0521i	0.4197-0.1548i	-0.3087+0.0984i	-0.0046+0.0217i	-0.0182+0.0277i	-0.0244+0.0508i	-0.0088+0.0352i
48.2	-0.0803+0.0569i	0.0839-0.0700i	0.3912-0.1153i	-0.2742+0.0304i	-0.0048+0.0213i	-0.0170+0.0306i	-0.0182+0.0440i	-0.0109+0.0441i
48.3	-0.0753+0.0673i	0.0725-0.0794i	0.3950-0.0915i	-0.3065-0.0203i	-0.0038+0.0220i	-0.0141+0.0332i	-0.0191+0.0448i	-0.0041+0.0466i
48.4	-0.0721+0.0671i	0.0553-0.0765i	0.3911-0.0723i	-0.3354-0.0301i	0.0005+0.0217i	-0.0087+0.0318i	-0.0150+0.0375i	0.0059+0.0502i
48.5	-0.0653+0.0686i	0.0626-0.0721i	0.4225-0.0560i	-0.3501-0.0130i	0.0014+0.0192i	-0.0082+0.0278i	-0.0174+0.0309i	0.0119+0.0486i
48.6	-0.0550+0.0774i	0.0650-0.0734i	0.4308-0.0707i	-0.3475-0.0027i	-0.0005+0.0176i	-0.0088+0.0275i	-0.0223+0.0321i	0.0132+0.0458i
48.7	-0.0479+0.0781i	0.0559-0.0775i	0.4330-0.0735i	-0.3576-0.0124i	0.0016+0.0183i	-0.0062+0.0282i	-0.0183+0.0345i	0.0166+0.0456i
48.8	-0.0556+0.0790i	0.0657-0.0781i	0.4415-0.1044i	-0.3715+0.0163i	-0.0001+0.0181i	-0.0078+0.0269i	-0.0235+0.0339i	0.0147+0.0416i
48.9	-0.0560+0.0936i	0.0594-0.0904i	0.4103-0.1227i	-0.3463+0.0240i	-0.0021+0.0203i	-0.0093+0.0299i	-0.0272+0.0402i	0.0104+0.0414i
49.0	-0.0418+0.0907i	0.0358-0.0996i	0.3901-0.0808i	-0.3405-0.0206i	-0.0007+0.0221i	-0.0063+0.0322i	-0.0179+0.0399i	0.0074+0.0468i
49.1	-0.0273+0.0895i	0.0263-0.0930i	0.3858-0.0518i	-0.3461-0.0313i	0.0015+0.0227i	-0.0032+0.0320i	-0.0110+0.0374i	0.0102+0.0512i
49.2	-0.0184+0.0962i	0.0185-0.0941i	0.4017-0.0326i	-0.3675-0.0596i	0.0036+0.0239i	0.0001+0.0336i	-0.0081+0.0347i	0.0154+0.0575i
49.3	-0.0163+0.0972i	0.0292-0.0911i	0.4267-0.0264i	-0.3762-0.0534i	0.0057+0.0231i	0.0025+0.0326i	-0.0049+0.0282i	0.0218+0.0614i
49.4	-0.0160+0.0951i	0.0143-0.0994i	0.4303-0.0446i	-0.3922-0.0491i	0.0034+0.0222i	0.0002+0.0309i	-0.0214+0.0213i	0.0267+0.0613i
49.5	-0.0019+0.0960i	0.0028-0.0974i	0.4168-0.0417i	-0.3789-0.0469i	0.0040+0.0232i	0.0009+0.0320i	-0.0224+0.0330i	0.0288+0.0550i
49.6	0.0216+0.0940i	0.0044-0.0930i	0.4412-0.0048i	-0.3868-0.0455i	0.0104+0.0231i	0.0076+0.0305i	-0.0068+0.0318i	0.0410+0.0571i
49.7	0.0107+0.1057i	-0.0090-0.0641i	0.4601+0.0258i	-0.4421+0.0064i	0.0099+0.0244i	0.0062+0.0297i	-0.0164+0.0350i	0.0418+0.0663i

49.8	0.0069+0.0836i	-0.0236-0.0651i	0.4629-0.0253i	-0.4521+0.0036i	0.0076+0.0190i	0.0023+0.0255i	-0.0290+0.0335i	0.0391+0.0464i
49.9	0.0097+0.0710i	-0.0264-0.0809i	0.4366-0.0896i	-0.4059-0.0074i	0.0066+0.0199i	0.0007+0.0287i	-0.0286+0.0433i	0.0366+0.0341i
50.0	0.0191+0.0563i	-0.0137-0.0920i	0.4378-0.0843i	-0.3851-0.0548i	0.0099+0.0194i	0.0046+0.0294i	-0.0108+0.0391i	0.0352+0.0346i
50.1	0.0164+0.0570i	-0.0049-0.0884i	0.4691-0.0722i	-0.4159-0.0517i	0.0088+0.0167i	0.0044+0.0256i	-0.0087+0.0275i	0.0304+0.0371i
50.2	0.0152+0.0643i	-0.0162-0.0834i	0.4682-0.0614i	-0.4310-0.0207i	0.0085+0.0199i	0.0058+0.0286i	-0.0101+0.0315i	0.0326+0.0470i
50.3	0.0235+0.0691i	-0.0321-0.0740i	0.4688-0.0564i	-0.4263-0.0019i	0.0119+0.0196i	0.0080+0.0279i	-0.0119+0.0320i	0.0430+0.0471i
50.4	0.0239+0.0634i	-0.0369-0.0658i	0.4673-0.0628i	-0.4247+0.0024i	0.0121+0.0188i	0.0072+0.0259i	-0.0140+0.0311i	0.0431+0.0413i
50.5	0.0130+0.0615i	-0.0298-0.0457i	0.4899-0.0781i	-0.4441+0.0136i	0.0061+0.0180i	0.0012+0.0264i	-0.0196+0.0337i	0.0268+0.0397i
50.6	0.0199+0.0669i	-0.0130-0.0361i	0.4887-0.1182i	-0.4215+0.0488i	0.0053+0.0229i	-0.0002+0.0322i	-0.0193+0.0424i	0.0213+0.0520i
50.7	0.0251+0.0513i	-0.0168-0.0519i	0.4244-0.1188i	-0.3717+0.0196i	0.0094+0.0234i	0.0053+0.0354i	-0.0073+0.0425i	0.0286+0.0565i
50.8	0.0186+0.0445i	-0.0452-0.0560i	0.4112-0.0783i	-0.3944-0.0149i	0.0130+0.0231i	0.0116+0.0348i	-0.0055+0.0382i	0.0444+0.0576i
50.9	0.0233+0.0474i	-0.0360-0.0415i	0.4552-0.0824i	-0.4233-0.0034i	0.0151+0.0209i	0.0125+0.0314i	-0.0082+0.0373i	0.0509+0.0500i
51.0	0.0223+0.0450i	-0.0241-0.0363i	0.4305-0.1134i	-0.3954+0.0065i	0.0154+0.0195i	0.0120+0.0314i	-0.0044+0.0379i	0.0453+0.0477i
51.1	0.0279+0.0506i	-0.0282-0.0312i	0.4235-0.0760i	-0.4063-0.0087i	0.0181+0.0197i	0.0167+0.0298i	-0.0033+0.0341i	0.0553+0.0497i
51.2	0.0319+0.0338i	-0.0412-0.0310i	0.4415-0.0848i	-0.4139+0.0010i	0.0173+0.0154i	0.0154+0.0253i	-0.0121+0.0364i	0.0620+0.0336i
51.3	0.0240+0.0241i	-0.0460-0.0225i	0.4055-0.1069i	-0.4014-0.0239i	0.0156+0.0149i	0.0161+0.0263i	-0.0029+0.0418i	0.0514+0.0250i
51.4	0.0131+0.0334i	-0.0355-0.0230i	0.4072-0.0478i	-0.4364-0.0535i	0.0161+0.0144i	0.0190+0.0252i	0.0108+0.0340i	0.0457+0.0299i
51.5	0.0161+0.0335i	-0.0405-0.0369i	0.4627-0.0457i	-0.4620-0.0110i	0.0163+0.0151i	0.0170+0.0235i	0.0052+0.0253i	0.0496+0.0406i
51.6	0.0170+0.0305i	-0.0396-0.0277i	0.4989-0.0818i	-0.4718+0.0178i	0.0156+0.0145i	0.0146+0.0232i	-0.0044+0.0241i	0.0539+0.0404i
51.7	0.0268+0.0242i	-0.0313-0.0250i	0.5091-0.1264i	-0.4651+0.0471i	0.0170+0.0159i	0.0144+0.0252i	-0.0112+0.0286i	0.0598+0.0412i
51.8	0.0375+0.0220i	-0.0353-0.0225i	0.4829-0.1662i	-0.4343+0.0662i	0.0205+0.0157i	0.0170+0.0268i	-0.0093+0.0356i	0.0674+0.0386i
51.9	0.0279+0.0232i	-0.0406-0.0262i	0.4474-0.1723i	-0.4161+0.0589i	0.0211+0.0147i	0.0197+0.0280i	-0.0029+0.0382i	0.0683+0.0360i
52.0	0.0283+0.0199i	-0.0362-0.0211i	0.4261-0.1314i	-0.4109+0.0410i	0.0211+0.0118i	0.0206+0.0235i	-0.0062+0.0343i	0.0715+0.0286i
52.1	0.0294+0.0142i	-0.0389-0.0119i	0.4460-0.1262i	-0.4249+0.0441i	0.0199+0.0110i	0.0187+0.0219i	-0.0090+0.0425i	0.0682+0.0161i
52.2	0.0282+0.0112i	-0.0378-0.0102i	0.4603-0.1568i	-0.4347+0.0722i	0.0210+0.0134i	0.0195+0.0247i	0.0032+0.0475i	0.0597+0.0191i
52.3	0.0336+0.0068i	-0.0362-0.0092i	0.4419-0.1881i	-0.4152+0.0891i	0.0245+0.0119i	0.0225+0.0243i	0.0056+0.0439i	0.0690+0.0209i
52.4	0.0270+0.0044i	-0.0309-0.0118i	0.4041-0.1776i	-0.3996+0.0679i	0.0214+0.0099i	0.0223+0.0228i	0.0074+0.0438i	0.0620+0.0162i
52.5	0.0277+0.0069i	-0.0324-0.0029i	0.4255-0.1797i	-0.4164+0.0707i	0.0202+0.0112i	0.0206+0.0237i	0.0111+0.0421i	0.0537+0.0199i
52.6	0.0234+0.0037i	-0.0293-0.0011i	0.4159-0.2210i	-0.4022+0.1046i	0.0214+0.0110i	0.0219+0.0249i	0.0150+0.0403i	0.0528+0.0250i
52.7	0.0171-0.0035i	-0.0299+0.0085i	0.3719-0.2198i	-0.3805+0.1002i	0.0256+0.0072i	0.0265+0.0222i	0.0221+0.0348i	0.0606+0.0209i
52.8	0.0178+0.0004i	-0.0331-0.0002i	0.3526-0.1705i	-0.3785+0.0695i	0.0267+0.0082i	0.0285+0.0209i	0.0220+0.0281i	0.0689+0.0253i
52.9	0.0283-0.0037i	-0.0374+0.0045i	0.3916-0.1415i	-0.3924+0.0548i	0.0290+0.0036i	0.0304+0.0142i	0.0195+0.0180i	0.0755+0.0189i
53.0	0.0309-0.0087i	-0.0449+0.0105i	0.4252-0.1945i	-0.3999+0.1033i	0.0309-0.0000i	0.0293+0.0111i	0.0089+0.0152i	0.0842+0.0110i
53.1	0.0277-0.0134i	-0.0402+0.0102i	0.3940-0.2250i	-0.3788+0.1110i	0.0324+0.0001i	0.0311+0.0124i	0.0098+0.0233i	0.0867+0.0045i
53.2	0.0303-0.0208i	-0.0385+0.0236i	0.3716-0.2407i	-0.3666+0.1149i	0.0336-0.0035i	0.0333+0.0108i	0.0142+0.0323i	0.0873-0.0104i
53.3	0.0175-0.0267i	-0.0341+0.0391i	0.3414-0.2420i	-0.3571+0.1153i	0.0273-0.0090i	0.0295+0.0066i	0.0191+0.0331i	0.0696-0.0230i
53.4	0.0169-0.0268i	-0.0220+0.0310i	0.2941-0.2425i	-0.3237+0.1061i	0.0285-0.0113i	0.0329+0.0053i	0.0313+0.0207i	0.0665-0.0159i
53.5	0.0062-0.0241i	-0.0196+0.0306i	0.2851-0.2016i	-0.3149+0.0818i	0.0254-0.0136i	0.0305+0.0002i	0.0273+0.0065i	0.0623-0.0151i
53.6	0.0038-0.0248i	-0.0195+0.0228i	0.3100-0.1833i	-0.3426+0.0739i	0.0230-0.0128i	0.0282-0.0003i	0.0156+0.0050i	0.0652-0.0162i
53.7	-0.0077-0.0299i	-0.0067+0.0289i	0.2995-0.2075i	-0.3331+0.0880i	0.0167-0.0149i	0.0216+0.0002i	0.0086+0.0133i	0.0516-0.0264i
53.8	-0.0189-0.0288i	0.0019+0.0410i	0.3069-0.1722i	-0.3409+0.0740i	0.0130-0.0170i	0.0170-0.0020i	0.0156+0.0041i	0.0330-0.0262i
53.9	-0.0083-0.0206i	-0.0067+0.0379i	0.3398-0.2072i	-0.3621+0.1038i	0.0164-0.0125i	0.0200+0.0021i	0.0118+0.0041i	0.0473-0.0113i
54.0	-0.0092-0.0233i	-0.0044+0.0367i	0.3017-0.2482i	-0.3370+0.1271i	0.0155-0.0130i	0.0202+0.0023i	0.0092+0.0058i	0.0487-0.0102i
54.1	-0.0159-0.0382i	0.0076+0.0429i	0.2657-0.2460i	-0.3035+0.1271i	0.0113-0.0222i	0.0170-0.0061i	0.0023-0.0091i	0.0439-0.0228i
54.2	-0.0247-0.0319i	0.0203+0.0385i	0.2312-0.2165i	-0.2825+0.1047i	0.0049-0.0223i	0.0138-0.0068i	-0.0049-0.0058i	0.0387-0.0278i
54.3	-0.0213-0.0238i	0.0178+0.0336i	0.2542-0.1972i	-0.3036+0.0921i	0.0054-0.0181i	0.0143-0.0041i	-0.0073-0.0011i	0.0424-0.0227i
54.4	-0.0232-0.0319i	0.0197+0.0352i	0.2518-0.2338i	-0.3063+0.1211i	0.0064-0.0191i	0.0154-0.0035i	-0.0067+0.0039i	0.0455-0.0275i
54.5	-0.0369-0.0266i	0.0336+0.0368i	0.2088-0.2239i	-0.2753+0.1225i	-0.0020-0.0186i	0.0092-0.0051i	-0.0121+0.0088i	0.0306-0.0306i
54.6	-0.0442-0.0184i	0.0417+0.0244i	0.1780-0.2164i	-0.2652+0.1090i	-0.0076-0.0137i	0.0051-0.0009i	-0.0180+0.0127i	0.0222-0.0213i
54.7	-0.0530-0.0118i	0.0443+0.0191i	0.1630-0.1889i	-0.2582+0.0969i	-0.0107-0.0088i	0.0023+0.0008i	-0.0195+0.0153i	0.0155-0.0145i
54.8	-0.0497+0.0004i	0.0480+0.0059i	0.1925-0.1541i	-0.2697+0.0850i	-0.0116-0.0043i	0.0008+0.0039i	-0.0215+0.0189i	0.0143-0.0073i
54.9	-0.0486-0.0024i	0.0532+0.0085i	0.2251-0.1484i	-0.2818+0.0928i	-0.0140-0.0067i	-0.0032-0.0003i	-0.0280+0.0134i	0.0067-0.0135i
55.0	-0.0526+0.0094i	0.0539-0.0002i	0.1770-0.1872i	-0.2507+0.1164i	-0.0134+0.0020i	-0.0004+0.0091i	-0.0232+0.0323i	0.0112-0.0027i
55.1	-0.0520+0.0158i	0.0480-0.0101i	0.1555-0.1905i	-0.2310+0.1151i	-0.0097+0.0082i	0.0028+0.0155i	-0.0142+0.0422i	0.0180+0.0068i
55.2	-0.0462+0.0082i	0.0465-0.0082i	0.1500-0.1797i	-0.2179+0.1098i	-0.0066+0.0076i	0.0046+0.0144i	-0.0106+0.0378i	0.0199+0.0061i
55.3	-0.0438+0.0146i	0.0412-0.0149i	0.1281-0.1653i	-0.2083+0.0830i	-0.0049+0.0119i	0.0062+0.0193i	-0.0079+0.0456i	0.0236+0.0125i
55.4	-0.0400+0.0187i	0.0345-0.0221i	0.1279-0.1250i	-0.2090+0.0578i	-0.0042+0.0119i	0.0069+0.0179i	-0.0026+0.0440i	0.0187+0.0119i
55.5	-0.0371+0.0187i	0.0294-0.0199i	0.1376-0.1037i	-0.2163+0.0504i	-0.0001+0.0124i	0.0108+0.0170i	0.0047+0.0409i	0.0245+0.0119i
55.6	-0.0423+0.0178i	0.0331-0.0185i	0.1438-0.1293i	-0.2254+0.0635i	-0.0026+0.0100i	0.0080+0.0154i	-0.0016+0.0361i	0.0226+0.0098i
55.7	-0.0292+0.0119i	0.0215-0.0170i	0.1393-0.1271i	-0.2110+0.0652i	0.0023+0.0087i	0.0124+0.0143i	0.0059+0.0358i	0.0301+0.0072i
55.8	-0.0274+0.0151i	0.0184-0.0125i	0.1255-0.0984i	-0.1980+0.0490i	0.0070+0.0084i	0.0174+0.0132i	0.0146+0.0352i	0.0341+0.0044i
55.9	-0.0338+0.0176i	0.0248-0.0249i	0.1116-0.0812i	-0.1922+0.0295i	0.0029+0.0118i	0.0140+0.0152i	0.0087+0.0369i	0.0284+0.0105i
56.0	-0.0317+0.0154i	0.0236-0.0276i	0.1364-0.0681i	-0.2034+0.0196i	0.0019+0.0119i	0.0118+0.0158i	0.0065+0.0361i	0.0277+0.0127i

56.1	-0.0259+0.0143i	0.0247-0.0180i	0.1617-0.0779i	-0.2270+0.0293i	0.0070+0.0086i	0.0153+0.0123i	0.0118+0.0278i	0.0338+0.0087i
56.2	-0.0235+0.0130i	0.0247-0.0178i	0.1387-0.1009i	-0.2167+0.0392i	0.0053+0.0097i	0.0145+0.0139i	0.0094+0.0299i	0.0323+0.0123i
56.3	-0.0301+0.0127i	0.0226-0.0166i	0.1210-0.0989i	-0.1978+0.0378i	0.0039+0.0084i	0.0146+0.0124i	0.0095+0.0295i	0.0312+0.0081i
56.4	-0.0381+0.0157i	0.0275-0.0186i	0.1152-0.0775i	-0.1936+0.0309i	0.0026+0.0080i	0.0138+0.0115i	0.0091+0.0273i	0.0280+0.0071i
56.5	-0.0251+0.0155i	0.0176-0.0184i	0.1245-0.0552i	-0.1997+0.0236i	0.0047+0.0080i	0.0152+0.0102i	0.0111+0.0256i	0.0300+0.0060i
56.6	-0.0231+0.0203i	0.0162-0.0143i	0.1244-0.0405i	-0.1995+0.0148i	0.0049+0.0088i	0.0154+0.0098i	0.0124+0.0261i	0.0305+0.0057i
56.7	-0.0241+0.0179i	0.0253-0.0143i	0.1395-0.0492i	-0.2093+0.0156i	0.0051+0.0084i	0.0141+0.0098i	0.0117+0.0245i	0.0296+0.0052i
56.8	-0.0233+0.0173i	0.0245-0.0253i	0.1314-0.0437i	-0.2115+0.0042i	0.0052+0.0092i	0.0155+0.0111i	0.0127+0.0263i	0.0306+0.0071i
56.9	-0.0272+0.0149i	0.0167-0.0255i	0.1306-0.0334i	-0.2126+0.0030i	0.0076+0.0097i	0.0170+0.0110i	0.0162+0.0267i	0.0317+0.0060i
57.0	-0.0261+0.0140i	0.0128-0.0225i	0.1482-0.0252i	-0.2107+0.0055i	0.0084+0.0081i	0.0179+0.0099i	0.0170+0.0241i	0.0327+0.0031i
57.1	-0.0287+0.0159i	0.0112-0.0173i	0.1408-0.0126i	-0.2042-0.0047i	0.0080+0.0081i	0.0180+0.0090i	0.0179+0.0213i	0.0325+0.0043i
57.2	-0.0261+0.0172i	0.0092-0.0149i	0.1420+0.0021i	-0.2141-0.0052i	0.0091+0.0056i	0.0191+0.0057i	0.0195+0.0162i	0.0343+0.0013i
57.3	-0.0222+0.0155i	0.0133-0.0154i	0.1557-0.0175i	-0.2239+0.0089i	0.0089+0.0087i	0.0172+0.0091i	0.0162+0.0219i	0.0355+0.0062i
57.4	-0.0290+0.0089i	0.0146-0.0189i	0.1391-0.0322i	-0.2110+0.0133i	0.0064+0.0091i	0.0147+0.0108i	0.0132+0.0236i	0.0313+0.0082i
57.5	-0.0306+0.0159i	0.0132-0.0253i	0.1266-0.0175i	-0.1984+0.0090i	0.0063+0.0106i	0.0152+0.0106i	0.0136+0.0245i	0.0313+0.0120i
57.6	-0.0276+0.0266i	0.0039-0.0182i	0.1275-0.0081i	-0.1994-0.0022i	0.0097+0.0108i	0.0190+0.0106i	0.0179+0.0223i	0.0379+0.0122i
57.7	-0.0236+0.0169i	0.0106-0.0070i	0.1377-0.0055i	-0.2099-0.0069i	0.0089+0.0076i	0.0173+0.0078i	0.0166+0.0181i	0.0356+0.0076i
57.8	-0.0305+0.0158i	0.0161-0.0107i	0.1397-0.0048i	-0.2020-0.0102i	0.0070+0.0065i	0.0153+0.0063i	0.0136+0.0149i	0.0317+0.0046i
57.9	-0.0249+0.0146i	0.0075-0.0114i	0.1488-0.0183i	-0.2040+0.0031i	0.0101+0.0049i	0.0173+0.0046i	0.0179+0.0139i	0.0345-0.0002i
58.0	-0.0239+0.0158i	0.0150-0.0223i	0.1391-0.0123i	-0.1996-0.0083i	0.0069+0.0090i	0.0150+0.0085i	0.0136+0.0181i	0.0307+0.0088i
58.1	-0.0264+0.0207i	0.0204-0.0304i	0.1321+0.0096i	-0.2048-0.0226i	0.0056+0.0121i	0.0137+0.0107i	0.0114+0.0207i	0.0292+0.0135i
58.2	-0.0282+0.0248i	0.0155-0.0284i	0.1460+0.0220i	-0.2103-0.0310i	0.0092+0.0126i	0.0162+0.0113i	0.0148+0.0227i	0.0350+0.0146i
58.3	-0.0424+0.0218i	0.0176-0.0251i	0.1366+0.0243i	-0.1956-0.0278i	0.0074+0.0114i	0.0147+0.0101i	0.0126+0.0215i	0.0313+0.0137i
58.4	-0.0345+0.0111i	0.0162-0.0121i	0.1490+0.0136i	-0.2045-0.0101i	0.0078+0.0076i	0.0146+0.0071i	0.0148+0.0167i	0.0298+0.0074i
58.5	-0.0327+0.0122i	0.0158-0.0086i	0.1615+0.0085i	-0.2083-0.0081i	0.0089+0.0079i	0.0155+0.0077i	0.0149+0.0169i	0.0297+0.0082i
58.6	-0.0393+0.0153i	0.0210-0.0108i	0.1567+0.0125i	-0.2101-0.0090i	0.0044+0.0076i	0.0126+0.0065i	0.0082+0.0147i	0.0263+0.0062i
58.7	-0.0412+0.0170i	0.0275-0.0141i	0.1546+0.0154i	-0.2056-0.0184i	0.0024+0.0080i	0.0097+0.0065i	0.0036+0.0169i	0.0259+0.0079i
58.8	-0.0315+0.0213i	0.0201-0.0068i	0.1551+0.0193i	-0.2051-0.0126i	0.0060+0.0072i	0.0131+0.0057i	0.0098+0.0160i	0.0302+0.0068i
58.9	-0.0358+0.0213i	0.0133-0.0129i	0.1495+0.0204i	-0.2081-0.0154i	0.0083+0.0078i	0.0159+0.0053i	0.0136+0.0156i	0.0349+0.0056i
59.0	-0.0374+0.0140i	0.0168-0.0118i	0.1561+0.0223i	-0.2021-0.0160i	0.0080+0.0066i	0.0142+0.0052i	0.0100+0.0151i	0.0333+0.0048i
59.1	-0.0369+0.0223i	0.0236-0.0162i	0.1547+0.0219i	-0.2049-0.0185i	0.0058+0.0078i	0.0112+0.0064i	0.0073+0.0153i	0.0281+0.0079i
59.2	-0.0411+0.0299i	0.0247-0.0198i	0.1512+0.0088i	-0.2024-0.0139i	0.0052+0.0118i	0.0109+0.0102i	0.0081+0.0188i	0.0268+0.0144i
59.3	-0.0374+0.0208i	0.0277-0.0185i	0.1550+0.0150i	-0.1995-0.0138i	0.0057+0.0106i	0.0112+0.0085i	0.0097+0.0177i	0.0248+0.0109i
59.4	-0.0286+0.0155i	0.0168-0.0145i	0.1587+0.0211i	-0.2084-0.0139i	0.0097+0.0087i	0.0148+0.0068i	0.0137+0.0163i	0.0320+0.0063i
59.5	-0.0315+0.0289i	0.0193-0.0181i	0.1611+0.0315i	-0.2142-0.0183i	0.0110+0.0109i	0.0159+0.0091i	0.0139+0.0187i	0.0372+0.0112i
59.6	-0.0357+0.0311i	0.0171-0.0181i	0.1656+0.0246i	-0.2144-0.0160i	0.0120+0.0122i	0.0166+0.0101i	0.0157+0.0202i	0.0390+0.0121i
59.7	-0.0308+0.0299i	0.0197-0.0207i	0.1616+0.0264i	-0.2082-0.0163i	0.0120+0.0121i	0.0157+0.0106i	0.0162+0.0212i	0.0386+0.0121i
59.8	-0.0323+0.0238i	0.0202-0.0228i	0.1597+0.0189i	-0.2020-0.0157i	0.0114+0.0095i	0.0164+0.0090i	0.0153+0.0182i	0.0377+0.0087i
59.9	0.0247-0.0502i	0.0884-0.1029i	0.1470-0.0382i	-0.2320-0.0353i	0.0081+0.0019i	0.0120+0.0017i	0.0131+0.0090i	0.0309-0.0111i
60.0	0.1199-0.1238i	0.1870-0.2049i	0.1184-0.1100i	-0.2623-0.0890i	0.0061-0.0014i	0.0089-0.0016i	0.0103+0.0037i	0.0329-0.0212i
60.1	0.0317+0.0593i	0.0951-0.0006i	0.1950-0.0030i	-0.1936-0.0595i	0.0131+0.0096i	0.0169+0.0075i	0.0146+0.0153i	0.0457+0.0128i
60.2	-0.0335+0.0285i	0.0189-0.0250i	0.1610+0.0283i	-0.2054-0.0280i	0.0104+0.0112i	0.0143+0.0093i	0.0125+0.0177i	0.0346+0.0122i
60.3	-0.0377+0.0279i	0.0290-0.0191i	0.1657+0.0337i	-0.2022-0.0250i	0.0106+0.0092i	0.0148+0.0070i	0.0136+0.0165i	0.0334+0.0064i
60.4	-0.0420+0.0302i	0.0270-0.0208i	0.1653+0.0323i	-0.1996-0.0277i	0.0089+0.0101i	0.0133+0.0078i	0.0114+0.0159i	0.0324+0.0117i
60.5	-0.0393+0.0359i	0.0213-0.0304i	0.1618+0.0379i	-0.2028-0.0289i	0.0107+0.0111i	0.0139+0.0088i	0.0101+0.0170i	0.0364+0.0125i
60.6	-0.0340+0.0324i	0.0241-0.0286i	0.1609+0.0299i	-0.1943-0.0325i	0.0120+0.0111i	0.0150+0.0094i	0.0130+0.0170i	0.0365+0.0126i
60.7	-0.0297+0.0220i	0.0234-0.0250i	0.1586+0.0280i	-0.1922-0.0189i	0.0131+0.0106i	0.0157+0.0089i	0.0148+0.0155i	0.0380+0.0115i
60.8	-0.0356+0.0292i	0.0274-0.0279i	0.1683+0.0313i	-0.1926-0.0225i	0.0109+0.0126i	0.0139+0.0113i	0.0122+0.0181i	0.0363+0.0158i
60.9	-0.0301+0.0357i	0.0254-0.0190i	0.1765+0.0388i	-0.1966-0.0294i	0.0140+0.0118i	0.0171+0.0107i	0.0159+0.0209i	0.0409+0.0116i
61.0	-0.0203+0.0291i	0.0134-0.0198i	0.1720+0.0439i	-0.2069-0.0340i	0.0165+0.0107i	0.0196+0.0082i	0.0183+0.0180i	0.0473+0.0087i
61.1	-0.0311+0.0323i	0.0182-0.0227i	0.1655+0.0377i	-0.2046-0.0355i	0.0144+0.0118i	0.0181+0.0092i	0.0177+0.0170i	0.0430+0.0129i
61.2	-0.0305+0.0285i	0.0166-0.0223i	0.1634+0.0305i	-0.2056-0.0305i	0.0129+0.0131i	0.0166+0.0115i	0.0161+0.0190i	0.0406+0.0167i
61.3	-0.0290+0.0232i	0.0130-0.0172i	0.1613+0.0410i	-0.1941-0.0280i	0.0146+0.0108i	0.0185+0.0091i	0.0181+0.0160i	0.0431+0.0123i
61.4	-0.0287+0.0232i	0.0136-0.0202i	0.1663+0.0380i	-0.1952-0.0353i	0.0161+0.0091i	0.0191+0.0074i	0.0192+0.0143i	0.0433+0.0094i
61.5	-0.0270+0.0322i	0.0214-0.0295i	0.1651+0.0256i	-0.1904-0.0371i	0.0150+0.0119i	0.0176+0.0108i	0.0175+0.0149i	0.0412+0.0190i
61.6	-0.0256+0.0268i	0.0207-0.0292i	0.1647+0.0316i	-0.1897-0.0378i	0.0192+0.0104i	0.0203+0.0097i	0.0207+0.0149i	0.0451+0.0125i
61.7	-0.0303+0.0225i	0.0174-0.0224i	0.1633+0.0421i	-0.1929-0.0329i	0.0193+0.0085i	0.0211+0.0068i	0.0226+0.0139i	0.0467+0.0042i
61.8	-0.0297+0.0310i	0.0250-0.0271i	0.1708+0.0380i	-0.1963-0.0357i	0.0159+0.0103i	0.0197+0.0082i	0.0182+0.0125i	0.0435+0.0105i
61.9	-0.0330+0.0354i	0.0191-0.0223i	0.1710+0.0368i	-0.1874-0.0416i	0.0169+0.0113i	0.0198+0.0100i	0.0170+0.0162i	0.0458+0.0138i
62.0	-0.0295+0.0272i	0.0169-0.0184i	0.1655+0.0332i	-0.1895-0.0318i	0.0192+0.0106i	0.0212+0.0087i	0.0216+0.0160i	0.0485+0.0088i
62.1	-0.0227+0.0283i	0.0211-0.0277i	0.1643+0.0305i	-0.1873-0.0293i	0.0212+0.0087i	0.0230+0.0075i	0.0227+0.0138i	0.0527+0.0078i
62.2	-0.0319+0.0276i	0.0210-0.0279i	0.1603+0.0304i	-0.1796-0.0298i	0.0192+0.0085i	0.0215+0.0083i	0.0223+0.0125i	0.0481+0.0124i
62.3	-0.0354+0.0227i	0.0197-0.0290i	0.1585+0.0272i	-0.1848-0.0323i	0.0206+0.0094i	0.0230+0.0079i	0.0243+0.0123i	0.0502+0.0121i

62.4	-0.0326+0.0201i	0.0184-0.0313i	0.1624+0.0348i	-0.1916-0.0289i	0.0208+0.0085i	0.0228+0.0074i	0.0224+0.0116i	0.0522+0.0104i
62.5	-0.0326+0.0181i	0.0247-0.0228i	0.1682+0.0409i	-0.1900-0.0299i	0.0203+0.0073i	0.0217+0.0061i	0.0226+0.0111i	0.0520+0.0064i
62.6	-0.0357+0.0244i	0.0257-0.0259i	0.1718+0.0358i	-0.1849-0.0340i	0.0204+0.0078i	0.0210+0.0070i	0.0214+0.0125i	0.0521+0.0072i
62.7	-0.0326+0.0250i	0.0186-0.0214i	0.1758+0.0318i	-0.1859-0.0304i	0.0205+0.0074i	0.0222+0.0057i	0.0220+0.0126i	0.0520+0.0065i
62.8	-0.0183+0.0223i	0.0122-0.0130i	0.1644+0.0379i	-0.1911-0.0381i	0.0231+0.0072i	0.0253+0.0043i	0.0245+0.0143i	0.0539+0.0032i
62.9	-0.0230+0.0296i	0.0185-0.0154i	0.1579+0.0349i	-0.1908-0.0356i	0.0220+0.0047i	0.0243+0.0030i	0.0240+0.0113i	0.0529+0.0000i
63.0	-0.0259+0.0279i	0.0182-0.0168i	0.1593+0.0332i	-0.1910-0.0296i	0.0220+0.0042i	0.0243+0.0034i	0.0257+0.0111i	0.0530-0.0010i
63.1	-0.0345+0.0313i	0.0176-0.0253i	0.1652+0.0330i	-0.1849-0.0273i	0.0223+0.0040i	0.0228+0.0028i	0.0227+0.0076i	0.0551+0.0021i
63.2	-0.0296+0.0338i	0.0172-0.0343i	0.1569+0.0314i	-0.1809-0.0395i	0.0212+0.0046i	0.0218+0.0040i	0.0196+0.0062i	0.0549+0.0018i
63.3	-0.0239+0.0349i	0.0156-0.0305i	0.1609+0.0341i	-0.1873-0.0445i	0.0217+0.0058i	0.0219+0.0048i	0.0207+0.0111i	0.0544+0.0001i
63.4	-0.0322+0.0326i	0.0156-0.0190i	0.1569+0.0285i	-0.1840-0.0375i	0.0223+0.0037i	0.0235+0.0032i	0.0240+0.0103i	0.0546-0.0040i
63.5	-0.0276+0.0322i	0.0134-0.0287i	0.1581+0.0351i	-0.1801-0.0362i	0.0230+0.0024i	0.0246+0.0027i	0.0266+0.0093i	0.0548-0.0048i
63.6	-0.0276+0.0329i	0.0289-0.0251i	0.1500+0.0388i	-0.1769-0.0384i	0.0229+0.0027i	0.0228+0.0019i	0.0273+0.0101i	0.0504-0.0044i
63.7	-0.0316+0.0272i	0.0300-0.0253i	0.1520+0.0276i	-0.1791-0.0299i	0.0236+0.0033i	0.0239+0.0020i	0.0258+0.0092i	0.0537-0.0036i
63.8	-0.0324+0.0293i	0.0274-0.0271i	0.1543+0.0322i	-0.1759-0.0343i	0.0223+0.0035i	0.0235+0.0029i	0.0247+0.0075i	0.0520-0.0020i
63.9	-0.0350+0.0288i	0.0311-0.0240i	0.1531+0.0379i	-0.1740-0.0358i	0.0222+0.0029i	0.0227+0.0020i	0.0247+0.0065i	0.0524-0.0033i
64.0	-0.0272+0.0268i	0.0242-0.0290i	0.1541+0.0334i	-0.1741-0.0254i	0.0244+0.0025i	0.0245+0.0016i	0.0258+0.0086i	0.0562-0.0077i
64.1	-0.0222+0.0276i	0.0185-0.0307i	0.1502+0.0284i	-0.1788-0.0297i	0.0245+0.0021i	0.0242+0.0016i	0.0249+0.0081i	0.0545-0.0070i
64.2	-0.0276+0.0290i	0.0204-0.0314i	0.1509+0.0260i	-0.1703-0.0345i	0.0229+0.0013i	0.0233+0.0003i	0.0247+0.0048i	0.0500-0.0061i
64.3	-0.0349+0.0320i	0.0218-0.0316i	0.1506+0.0276i	-0.1623-0.0356i	0.0215+0.0020i	0.0218+0.0011i	0.0252+0.0060i	0.0486-0.0069i
64.4	-0.0306+0.0273i	0.0206-0.0272i	0.1424+0.0324i	-0.1688-0.0357i	0.0226+0.0016i	0.0228+0.0014i	0.0285+0.0070i	0.0484-0.0070i
64.5	-0.0289+0.0293i	0.0201-0.0337i	0.1466+0.0295i	-0.1694-0.0469i	0.0240+0.0022i	0.0237+0.0021i	0.0278+0.0076i	0.0511-0.0051i
64.6	-0.0340+0.0259i	0.0147-0.0399i	0.1437+0.0235i	-0.1668-0.0459i	0.0254+0.0011i	0.0250+0.0014i	0.0293+0.0065i	0.0548-0.0058i
64.7	-0.0353+0.0238i	0.0211-0.0301i	0.1437+0.0277i	-0.1743-0.0354i	0.0233-0.0005i	0.0241-0.0005i	0.0312+0.0059i	0.0512-0.0112i
64.8	-0.0387+0.0277i	0.0256-0.0284i	0.1439+0.0259i	-0.1682-0.0302i	0.0228-0.0016i	0.0232-0.0014i	0.0305+0.0044i	0.0490-0.0140i
64.9	-0.0328+0.0282i	0.0241-0.0315i	0.1411+0.0347i	-0.1590-0.0365i	0.0240-0.0000i	0.0238-0.0003i	0.0319+0.0039i	0.0514-0.0102i
65.0	-0.0315+0.0218i	0.0175-0.0332i	0.1357+0.0318i	-0.1608-0.0351i	0.0235+0.0011i	0.0236+0.0012i	0.0314+0.0082i	0.0519-0.0088i
65.1	-0.0373+0.0264i	0.0140-0.0239i	0.1427+0.0253i	-0.1617-0.0409i	0.0235-0.0004i	0.0232-0.0003i	0.0311+0.0075i	0.0494-0.0122i
65.2	-0.0333+0.0286i	0.0165-0.0228i	0.1382+0.0310i	-0.1529-0.0351i	0.0236-0.0040i	0.0232-0.0044i	0.0311+0.0014i	0.0454-0.0152i
65.3	-0.0192+0.0181i	0.0173-0.0174i	0.1344+0.0287i	-0.1659-0.0426i	0.0238-0.0029i	0.0231-0.0030i	0.0288+0.0021i	0.0503-0.0152i
65.4	-0.0181+0.0109i	0.0172-0.0296i	0.1374+0.0335i	-0.1664-0.0470i	0.0227-0.0014i	0.0236-0.0024i	0.0287+0.0016i	0.0511-0.0118i
65.5	-0.0232+0.0211i	0.0208-0.0278i	0.1417+0.0274i	-0.1569-0.0468i	0.0225-0.0036i	0.0238-0.0039i	0.0287-0.0017i	0.0491-0.0132i
65.6	-0.0357+0.0217i	0.0230-0.0309i	0.1287+0.0277i	-0.1546-0.0535i	0.0239-0.0030i	0.0238-0.0031i	0.0308+0.0014i	0.0494-0.0128i
65.7	-0.0369+0.0237i	0.0206-0.0324i	0.1262+0.0311i	-0.1572-0.0500i	0.0236-0.0021i	0.0236-0.0013i	0.0298+0.0025i	0.0488-0.0114i
65.8	-0.0270+0.0333i	0.0240-0.0292i	0.1247+0.0331i	-0.1598-0.0497i	0.0219-0.0024i	0.0230-0.0017i	0.0279+0.0030i	0.0463-0.0146i
65.9	-0.0338+0.0344i	0.0170-0.0262i	0.1277+0.0421i	-0.1552-0.0436i	0.0220-0.0039i	0.0229-0.0045i	0.0285+0.0015i	0.0449-0.0196i
66.0	-0.0319+0.0266i	0.0173-0.0320i	0.1387+0.0373i	-0.1608-0.0400i	0.0235-0.0029i	0.0229-0.0040i	0.0282+0.0010i	0.0469-0.0155i
66.1	-0.0308+0.0196i	0.0186-0.0320i	0.1371+0.0376i	-0.1553-0.0364i	0.0227-0.0027i	0.0223-0.0035i	0.0286+0.0011i	0.0471-0.0141i
66.2	-0.0343+0.0273i	0.0220-0.0381i	0.1322+0.0396i	-0.1480-0.0367i	0.0221-0.0034i	0.0221-0.0035i	0.0302+0.0003i	0.0458-0.0136i
66.3	-0.0320+0.0285i	0.0235-0.0300i	0.1312+0.0311i	-0.1521-0.0322i	0.0225-0.0041i	0.0223-0.0034i	0.0299+0.0015i	0.0480-0.0162i
66.4	-0.0344+0.0246i	0.0188-0.0219i	0.1253+0.0407i	-0.1496-0.0353i	0.0233-0.0019i	0.0218-0.0029i	0.0309+0.0025i	0.0470-0.0132i
66.5	-0.0412+0.0254i	0.0181-0.0191i	0.1212+0.0352i	-0.1392-0.0397i	0.0230-0.0031i	0.0219-0.0039i	0.0315-0.0012i	0.0457-0.0137i
66.6	-0.0350+0.0270i	0.0259-0.0279i	0.1265+0.0293i	-0.1361-0.0412i	0.0216-0.0029i	0.0211-0.0024i	0.0287-0.0015i	0.0460-0.0114i
66.7	-0.0350+0.0242i	0.0295-0.0271i	0.1286+0.0360i	-0.1388-0.0407i	0.0202-0.0040i	0.0206-0.0029i	0.0292-0.0019i	0.0406-0.0090i
66.8	-0.0353+0.0229i	0.0312-0.0276i	0.1251+0.0471i	-0.1364-0.0440i	0.0211-0.0043i	0.0217-0.0034i	0.0317-0.0054i	0.0401-0.0084i
66.9	-0.0280+0.0244i	0.0279-0.0355i	0.1265+0.0484i	-0.1405-0.0450i	0.0229-0.0049i	0.0235-0.0032i	0.0318-0.0052i	0.0457-0.0136i
67.0	-0.0234+0.0220i	0.0223-0.0266i	0.1250+0.0361i	-0.1339-0.0421i	0.0232-0.0058i	0.0228-0.0035i	0.0322-0.0035i	0.0457-0.0151i
67.1	-0.0243+0.0196i	0.0247-0.0241i	0.1197+0.0278i	-0.1252-0.0424i	0.0216-0.0067i	0.0212-0.0051i	0.0307-0.0045i	0.0431-0.0165i
67.2	-0.0382+0.0117i	0.0336-0.0264i	0.1154+0.0323i	-0.1310-0.0502i	0.0208-0.0050i	0.0209-0.0041i	0.0286-0.0049i	0.0402-0.0132i
67.3	-0.0403+0.0231i	0.0292-0.0279i	0.1113+0.0338i	-0.1319-0.0576i	0.0199-0.0061i	0.0193-0.0051i	0.0286-0.0077i	0.0368-0.0116i
67.4	-0.0345+0.0317i	0.0350-0.0354i	0.1043+0.0478i	-0.1239-0.0589i	0.0194-0.0059i	0.0189-0.0052i	0.0284-0.0082i	0.0379-0.0071i
67.5	-0.0308+0.0347i	0.0375-0.0361i	0.1077+0.0584i	-0.1184-0.0641i	0.0217-0.0047i	0.0206-0.0048i	0.0296-0.0074i	0.0413-0.0102i
67.6	-0.0376+0.0326i	0.0393-0.0356i	0.1096+0.0480i	-0.1228-0.0620i	0.0229-0.0040i	0.0221-0.0045i	0.0332-0.0063i	0.0425-0.0117i
67.7	-0.0360+0.0267i	0.0269-0.0387i	0.1150+0.0400i	-0.1195-0.0525i	0.0229-0.0045i	0.0224-0.0048i	0.0327-0.0056i	0.0450-0.0143i
67.8	-0.0460+0.0205i	0.0240-0.0311i	0.1082+0.0344i	-0.1259-0.0536i	0.0242-0.0054i	0.0228-0.0043i	0.0325-0.0042i	0.0482-0.0163i
67.9	-0.0413+0.0204i	0.0270-0.0277i	0.1054+0.0395i	-0.1250-0.0525i	0.0234-0.0053i	0.0226-0.0034i	0.0330-0.0042i	0.0446-0.0133i
68.0	-0.0438+0.0267i	0.0305-0.0269i	0.0963+0.0417i	-0.1141-0.0494i	0.0221-0.0066i	0.0217-0.0055i	0.0347-0.0067i	0.0400-0.0161i
68.1	-0.0536+0.0200i	0.0307-0.0330i	0.0882+0.0338i	-0.1083-0.0518i	0.0224-0.0057i	0.0220-0.0051i	0.0364-0.0066i	0.0410-0.0156i
68.2	-0.0418+0.0244i	0.0341-0.0394i	0.0897+0.0425i	-0.1062-0.0594i	0.0207-0.0051i	0.0215-0.0054i	0.0347-0.0082i	0.0400-0.0116i
68.3	-0.0423+0.0219i	0.0346-0.0405i	0.0916+0.0523i	-0.1054-0.0709i	0.0199-0.0037i	0.0204-0.0028i	0.0320-0.0068i	0.0380-0.0080i
68.4	-0.0454+0.0278i	0.0382-0.0425i	0.0953+0.0437i	-0.1025-0.0827i	0.0207-0.0034i	0.0197-0.0025i	0.0317-0.0086i	0.0382-0.0046i
68.5	-0.0452+0.0246i	0.0379-0.0422i	0.0869+0.0422i	-0.1045-0.0747i	0.0221-0.0046i	0.0227-0.0033i	0.0344-0.0090i	0.0408-0.0069i
68.6	-0.0504+0.0138i	0.0444-0.0464i	0.0793+0.0517i	-0.0985-0.0685i	0.0223-0.0050i	0.0238-0.0033i	0.0380-0.0099i	0.0408-0.0083i

68.7	-0.0429+0.0181i	0.0494-0.0444i	0.0857+0.0470i	-0.0960-0.0689i	0.0210-0.0049i	0.0226-0.0029i	0.0358-0.0109i	0.0375-0.0093i
68.8	-0.0448+0.0140i	0.0515-0.0397i	0.0930+0.0299i	-0.1020-0.0668i	0.0222-0.0055i	0.0215-0.0032i	0.0362-0.0111i	0.0343-0.0101i
68.9	-0.0491+0.0110i	0.0470-0.0440i	0.0844+0.0412i	-0.1059-0.0656i	0.0240-0.0045i	0.0221-0.0023i	0.0359-0.0102i	0.0383-0.0090i
69.0	-0.0510+0.0219i	0.0376-0.0426i	0.0792+0.0531i	-0.0978-0.0698i	0.0239-0.0057i	0.0232-0.0041i	0.0373-0.0141i	0.0406-0.0082i
69.1	-0.0613+0.0182i	0.0352-0.0437i	0.0861+0.0543i	-0.1055-0.0787i	0.0242-0.0085i	0.0237-0.0065i	0.0399-0.0179i	0.0422-0.0119i
69.2	-0.0607+0.0097i	0.0365-0.0482i	0.0817+0.0458i	-0.1004-0.0773i	0.0237-0.0068i	0.0226-0.0051i	0.0391-0.0143i	0.0397-0.0111i
69.3	-0.0595+0.0165i	0.0471-0.0475i	0.0760+0.0504i	-0.1020-0.0804i	0.0244-0.0038i	0.0243-0.0029i	0.0411-0.0131i	0.0440-0.0065i
69.4	-0.0554+0.0271i	0.0449-0.0519i	0.0781+0.0530i	-0.1087-0.0919i	0.0270-0.0056i	0.0256-0.0039i	0.0432-0.0178i	0.0488-0.0052i
69.5	-0.0583+0.0228i	0.0300-0.0505i	0.0735+0.0559i	-0.1069-0.0974i	0.0259-0.0062i	0.0260-0.0052i	0.0442-0.0182i	0.0447-0.0051i
69.6	-0.0567+0.0206i	0.0300-0.0512i	0.0713+0.0510i	-0.1024-0.0904i	0.0243-0.0065i	0.0250-0.0046i	0.0439-0.0198i	0.0389-0.0037i
69.7	-0.0561+0.0258i	0.0449-0.0544i	0.0650+0.0526i	-0.1006-0.0891i	0.0244-0.0049i	0.0232-0.0032i	0.0399-0.0210i	0.0410-0.0004i
69.8	-0.0537+0.0165i	0.0427-0.0622i	0.0585+0.0629i	-0.1042-0.0896i	0.0238-0.0061i	0.0233-0.0047i	0.0409-0.0216i	0.0410-0.0053i
69.9	-0.0622+0.0171i	0.0472-0.0676i	0.0563+0.0591i	-0.1016-0.0912i	0.0255-0.0080i	0.0249-0.0064i	0.0436-0.0245i	0.0427-0.0076i
70.0	-0.0675+0.0173i	0.0505-0.0596i	0.0644+0.0565i	-0.0965-0.0894i	0.0245-0.0087i	0.0243-0.0061i	0.0453-0.0253i	0.0362-0.0068i
70.1	-0.0685+0.0235i	0.0317-0.0497i	0.0581+0.0556i	-0.0936-0.0901i	0.0251-0.0087i	0.0253-0.0066i	0.0441-0.0238i	0.0393-0.0083i
70.2	-0.0666+0.0306i	0.0311-0.0467i	0.0532+0.0597i	-0.0950-0.0934i	0.0251-0.0088i	0.0244-0.0067i	0.0411-0.0267i	0.0414-0.0042i
70.3	-0.0604+0.0239i	0.0375-0.0472i	0.0493+0.0615i	-0.0792-0.0893i	0.0258-0.0068i	0.0234-0.0065i	0.0413-0.0272i	0.0453-0.0016i
70.4	-0.0709+0.0119i	0.0458-0.0478i	0.0468+0.0625i	-0.0845-0.0874i	0.0260-0.0061i	0.0254-0.0044i	0.0466-0.0274i	0.0422+0.0029i
70.5	-0.0766+0.0141i	0.0489-0.0594i	0.0440+0.0645i	-0.0831-0.0909i	0.0274-0.0072i	0.0273-0.0056i	0.0503-0.0297i	0.0428+0.0013i
70.6	-0.0813+0.0140i	0.0539-0.0555i	0.0391+0.0726i	-0.0886-0.1112i	0.0256-0.0090i	0.0264-0.0070i	0.0494-0.0316i	0.0422-0.0011i
70.7	-0.0745+0.0159i	0.0493-0.0637i	0.0464+0.0827i	-0.0923-0.1114i	0.0246-0.0107i	0.0244-0.0084i	0.0465-0.0329i	0.0388-0.0026i
70.8	-0.0661+0.0280i	0.0498-0.0710i	0.0435+0.0778i	-0.0846-0.1030i	0.0263-0.0118i	0.0253-0.0101i	0.0413-0.0385i	0.0471-0.0036i
70.9	-0.0572+0.0320i	0.0527-0.0652i	0.0458+0.0672i	-0.0694-0.0901i	0.0251-0.0106i	0.0241-0.0087i	0.0424-0.0371i	0.0449-0.0023i
71.0	-0.0647+0.0306i	0.0555-0.0664i	0.0457+0.0784i	-0.0707-0.0971i	0.0232-0.0110i	0.0237-0.0081i	0.0478-0.0391i	0.0372+0.0014i
71.1	-0.0796+0.0164i	0.0610-0.0659i	0.0402+0.0774i	-0.0716-0.1030i	0.0252-0.0100i	0.0251-0.0074i	0.0490-0.0399i	0.0389+0.0040i
71.2	-0.0786+0.0210i	0.0567-0.0769i	0.0309+0.0734i	-0.0679-0.1123i	0.0277-0.0119i	0.0266-0.0100i	0.0538-0.0446i	0.0394-0.0028i
71.3	-0.0840+0.0257i	0.0633-0.0665i	0.0257+0.0723i	-0.0707-0.1169i	0.0278-0.0104i	0.0282-0.0093i	0.0518-0.0446i	0.0413+0.0019i
71.4	-0.0884+0.0238i	0.0640-0.0661i	0.0318+0.0789i	-0.0654-0.1183i	0.0269-0.0096i	0.0276-0.0083i	0.0490-0.0449i	0.0429+0.0059i
71.5	-0.0854+0.0275i	0.0572-0.0686i	0.0289+0.0800i	-0.0723-0.1189i	0.0248-0.0108i	0.0250-0.0094i	0.0456-0.0523i	0.0428+0.0108i
71.6	-0.0868+0.0248i	0.0564-0.0764i	0.0173+0.0911i	-0.0716-0.1223i	0.0249-0.0121i	0.0251-0.0102i	0.0455-0.0542i	0.0404+0.0072i
71.7	-0.0948+0.0338i	0.0619-0.0720i	0.0054+0.0895i	-0.0648-0.1315i	0.0256-0.0100i	0.0280-0.0083i	0.0455-0.0500i	0.0467+0.0098i
71.8	-0.0989+0.0308i	0.0611-0.0702i	0.0247+0.0910i	-0.0578-0.1231i	0.0249-0.0100i	0.0258-0.0092i	0.0421-0.0529i	0.0487+0.0118i
71.9	-0.1049+0.0368i	0.0601-0.0817i	0.0149+0.1025i	-0.0588-0.1280i	0.0253-0.0115i	0.0253-0.0107i	0.0385-0.0597i	0.0533+0.0132i
72.0	-0.1037+0.0442i	0.0626-0.0869i	0.0014+0.1033i	-0.0546-0.1336i	0.0270-0.0107i	0.0269-0.0103i	0.0375-0.0620i	0.0566+0.0214i
72.1	-0.1042+0.0438i	0.0596-0.0887i	0.0125+0.1044i	-0.0569-0.1282i	0.0271-0.0118i	0.0275-0.0092i	0.0354-0.0620i	0.0565+0.0179i
72.2	-0.0993+0.0356i	0.0731-0.0897i	0.0015+0.0931i	-0.0406-0.1280i	0.0266-0.0106i	0.0270-0.0082i	0.0377-0.0641i	0.0554+0.0212i
72.3	-0.1158+0.0437i	0.0742-0.1068i	-0.0023+0.1043i	-0.0422-0.1522i	0.0282-0.0129i	0.0264-0.0098i	0.0366-0.0731i	0.0591+0.0264i
72.4	-0.1216+0.0469i	0.0657-0.1070i	-0.0004+0.1116i	-0.0462-0.1626i	0.0277-0.0128i	0.0270-0.0098i	0.0340-0.0758i	0.0622+0.0271i
72.5	-0.1237+0.0503i	0.0728-0.0966i	-0.0033+0.1099i	-0.0441-0.1509i	0.0274-0.0125i	0.0275-0.0106i	0.0354-0.0764i	0.0609+0.0238i
72.6	-0.1154+0.0520i	0.0875-0.1137i	-0.0180+0.1274i	-0.0372-0.1745i	0.0306-0.0130i	0.0280-0.0118i	0.0280-0.0857i	0.0741+0.0286i
72.7	-0.1270+0.0544i	0.0833-0.1310i	-0.0164+0.1277i	-0.0440-0.1817i	0.0317-0.0153i	0.0294-0.0132i	0.0281-0.0883i	0.0787+0.0265i
72.8	-0.1315+0.0472i	0.0883-0.1314i	-0.0263+0.1220i	-0.0379-0.1798i	0.0308-0.0156i	0.0292-0.0126i	0.0294-0.0844i	0.0764+0.0245i
72.9	-0.1301+0.0549i	0.0797-0.1255i	-0.0243+0.1351i	-0.0358-0.1804i	0.0296-0.0159i	0.0293-0.0131i	0.0235-0.0827i	0.0795+0.0210i
73.0	-0.1381+0.0593i	0.0771-0.1332i	-0.0324+0.1482i	-0.0362-0.1917i	0.0295-0.0173i	0.0298-0.0141i	0.0211-0.0910i	0.0813+0.0253i
73.1	-0.1339+0.0643i	0.0767-0.1394i	-0.0317+0.1554i	-0.0374-0.1957i	0.0304-0.0156i	0.0308-0.0141i	0.0169-0.0929i	0.0901+0.0294i
73.2	-0.1295+0.0724i	0.0852-0.1444i	-0.0396+0.1558i	-0.0305-0.2040i	0.0322-0.0193i	0.0308-0.0159i	0.0176-0.0983i	0.0959+0.0231i
73.3	-0.1348+0.0733i	0.0802-0.1380i	-0.0618+0.1520i	-0.0263-0.1999i	0.0328-0.0175i	0.0298-0.0146i	0.0131-0.0901i	0.0955+0.0210i
73.4	-0.1314+0.0841i	0.0604-0.1436i	-0.0349+0.1599i	-0.0375-0.1975i	0.0313-0.0174i	0.0291-0.0161i	0.0012-0.0872i	0.0996+0.0142i
73.5	-0.1462+0.0847i	0.0664-0.1571i	-0.0361+0.1770i	-0.0435-0.2167i	0.0309-0.0172i	0.0304-0.0160i	-0.0027-0.0934i	0.1070+0.0182i
73.6	-0.1458+0.0987i	0.0730-0.1635i	-0.0419+0.1827i	-0.0339-0.2229i	0.0316-0.0195i	0.0298-0.0164i	-0.0040-0.0967i	0.1104+0.0209i
73.7	-0.1354+0.1050i	0.0682-0.1775i	-0.0285+0.1864i	-0.0468-0.2301i	0.0308-0.0215i	0.0287-0.0189i	-0.0076-0.0944i	0.1108+0.0103i
73.8	-0.1480+0.1149i	0.0698-0.1802i	-0.0382+0.1854i	-0.0485-0.2404i	0.0327-0.0225i	0.0309-0.0199i	-0.0074-0.0970i	0.1159+0.0075i
73.9	-0.1743+0.1073i	0.0734-0.1916i	-0.0431+0.2125i	-0.0447-0.2604i	0.0361-0.0244i	0.0329-0.0220i	-0.0090-0.1004i	0.1244+0.0064i
74.0	-0.1810+0.1019i	0.0641-0.1934i	-0.0515+0.2179i	-0.0378-0.2495i	0.0355-0.0233i	0.0323-0.0217i	-0.0150-0.0931i	0.1265-0.0025i
74.1	-0.1658+0.1322i	0.0545-0.2119i	-0.0515+0.2211i	-0.0503-0.2597i	0.0329-0.0263i	0.0299-0.0228i	-0.0194-0.0954i	0.1235-0.0104i
74.2	-0.1660+0.1418i	0.0538-0.2157i	-0.0416+0.2250i	-0.0605-0.2769i	0.0312-0.0274i	0.0276-0.0236i	-0.0219-0.0965i	0.1218-0.0113i
74.3	-0.1627+0.1466i	0.0620-0.2212i	-0.0435+0.2248i	-0.0568-0.2730i	0.0325-0.0271i	0.0283-0.0231i	-0.0208-0.0952i	0.1250-0.0127i
74.4	-0.1671+0.1569i	0.0601-0.2379i	-0.0497+0.2384i	-0.0534-0.2777i	0.0334-0.0291i	0.0303-0.0253i	-0.0195-0.1006i	0.1281-0.0153i
74.5	-0.1786+0.1674i	0.0587-0.2554i	-0.0453+0.2472i	-0.0627-0.3024i	0.0341-0.0327i	0.0306-0.0266i	-0.0225-0.1013i	0.1299-0.0242i
74.6	-0.1736+0.1802i	0.0527-0.2724i	-0.0282+0.2567i	-0.0732-0.3101i	0.0334-0.0318i	0.0302-0.0256i	-0.0290-0.0982i	0.1337-0.0249i
74.7	-0.1745+0.1930i	0.0494-0.2816i	-0.0358+0.2704i	-0.0861-0.3083i	0.0342-0.0307i	0.0294-0.0247i	-0.0294-0.0945i	0.1361-0.0270i
74.8	-0.1666+0.2021i	0.0349-0.2888i	-0.0270+0.2886i	-0.0817-0.3275i	0.0314-0.0346i	0.0274-0.0287i	-0.0325-0.0982i	0.1299-0.0354i
74.9	-0.1627+0.2082i	0.0204-0.2990i	-0.0178+0.2887i	-0.0892-0.3442i	0.0301-0.0353i	0.0270-0.0286i	-0.0373-0.1005i	0.1309-0.0358i

75.0	-0.1521+0.2230i	-0.0007-0.2989i	-0.0104+0.2850i	-0.1035-0.3401i	0.0292-0.0354i	0.0272-0.0289i	-0.0407-0.0953i	0.1318-0.0415i
75.1	-0.1393+0.2423i	-0.0262-0.2953i	-0.0022+0.2915i	-0.1170-0.3383i	0.0267-0.0357i	0.0262-0.0281i	-0.0466-0.0928i	0.1310-0.0459i
75.2	-0.1499+0.2478i	-0.0192-0.3100i	-0.0143+0.2987i	-0.1215-0.3412i	0.0273-0.0371i	0.0267-0.0279i	-0.0476-0.0923i	0.1301-0.0480i
75.3	-0.1435+0.2487i	-0.0349-0.3242i	0.0073+0.3172i	-0.1399-0.3527i	0.0279-0.0364i	0.0257-0.0279i	-0.0557-0.0907i	0.1339-0.0492i
75.4	-0.1386+0.2530i	-0.0526-0.3368i	0.0143+0.3188i	-0.1494-0.3656i	0.0270-0.0390i	0.0238-0.0306i	-0.0573-0.0954i	0.1324-0.0558i
75.5	-0.1243+0.2767i	-0.0744-0.3567i	0.0367+0.3025i	-0.1692-0.3672i	0.0258-0.0438i	0.0228-0.0343i	-0.0609-0.0962i	0.1302-0.0675i
75.6	-0.1163+0.2900i	-0.0763-0.3618i	0.0423+0.3141i	-0.1792-0.3718i	0.0248-0.0422i	0.0246-0.0317i	-0.0634-0.0947i	0.1316-0.0637i
75.7	-0.1024+0.3066i	-0.0864-0.3749i	0.0414+0.3283i	-0.1892-0.3645i	0.0238-0.0424i	0.0236-0.0319i	-0.0667-0.0910i	0.1325-0.0677i
75.8	-0.0817+0.3112i	-0.1266-0.3778i	0.0392+0.3259i	-0.1992-0.3660i	0.0208-0.0447i	0.0208-0.0338i	-0.0722-0.0860i	0.1245-0.0778i
75.9	-0.0640+0.3027i	-0.1606-0.3511i	0.0443+0.3147i	-0.2066-0.3335i	0.0187-0.0433i	0.0187-0.0336i	-0.0750-0.0823i	0.1169-0.0768i
76.0	-0.0538+0.3144i	-0.1782-0.3609i	0.0490+0.3126i	-0.2242-0.3400i	0.0188-0.0429i	0.0185-0.0330i	-0.0802-0.0824i	0.1222-0.0775i
76.1	-0.0350+0.3342i	-0.2042-0.3690i	0.0652+0.3105i	-0.2576-0.3563i	0.0171-0.0449i	0.0183-0.0325i	-0.0832-0.0807i	0.1191-0.0840i
76.2	-0.0271+0.3378i	-0.2131-0.3682i	0.0677+0.3139i	-0.2689-0.3421i	0.0175-0.0450i	0.0172-0.0340i	-0.0833-0.0739i	0.1181-0.0920i
76.3	-0.0164+0.3458i	-0.2387-0.3717i	0.0744+0.3116i	-0.2559-0.3453i	0.0174-0.0455i	0.0173-0.0341i	-0.0841-0.0727i	0.1168-0.0940i
76.4	0.0145+0.3340i	-0.2759-0.3442i	0.0680+0.3046i	-0.2612-0.3247i	0.0141-0.0453i	0.0172-0.0341i	-0.0880-0.0687i	0.1101-0.0950i
76.5	0.0343+0.3323i	-0.3101-0.3478i	0.0659+0.3063i	-0.2671-0.3271i	0.0107-0.0451i	0.0157-0.0338i	-0.0909-0.0665i	0.1036-0.0950i
76.6	0.0500+0.3280i	-0.3183-0.3302i	0.0623+0.3118i	-0.2674-0.3182i	0.0114-0.0433i	0.0169-0.0315i	-0.0878-0.0621i	0.0989-0.0931i
76.7	0.0667+0.3267i	-0.3406-0.3125i	0.0673+0.3275i	-0.2747-0.3030i	0.0125-0.0438i	0.0183-0.0336i	-0.0852-0.0608i	0.1002-0.0975i
76.8	0.1027+0.3143i	-0.3783-0.2887i	0.0637+0.3326i	-0.2772-0.2994i	0.0106-0.0445i	0.0167-0.0336i	-0.0899-0.0586i	0.0951-0.1000i
76.9	0.1162+0.3073i	-0.4101-0.2843i	0.0633+0.3158i	-0.2812-0.2989i	0.0092-0.0458i	0.0164-0.0352i	-0.0910-0.0609i	0.0858-0.1015i
77.0	0.1293+0.2967i	-0.4167-0.2666i	0.0520+0.3065i	-0.2861-0.2828i	0.0060-0.0457i	0.0150-0.0351i	-0.0921-0.0610i	0.0826-0.1000i
77.1	0.1291+0.2868i	-0.4154-0.2623i	0.0374+0.3148i	-0.2779-0.2868i	0.0054-0.0430i	0.0151-0.0324i	-0.0942-0.0577i	0.0828-0.0944i
77.2	0.1510+0.2764i	-0.4463-0.2232i	0.0299+0.3248i	-0.2775-0.2730i	0.0051-0.0426i	0.0150-0.0317i	-0.0960-0.0537i	0.0825-0.0926i
77.3	0.1627+0.2641i	-0.4664-0.1952i	0.0383+0.3396i	-0.2877-0.2776i	0.0072-0.0421i	0.0161-0.0339i	-0.0933-0.0544i	0.0839-0.0910i
77.4	0.1517+0.2396i	-0.4602-0.1708i	0.0305+0.3664i	-0.2747-0.2765i	0.0063-0.0389i	0.0158-0.0331i	-0.0913-0.0502i	0.0827-0.0862i
77.5	0.1513+0.2432i	-0.4566-0.1449i	0.0487+0.3787i	-0.2804-0.2816i	0.0050-0.0389i	0.0154-0.0339i	-0.0940-0.0488i	0.0856-0.0887i
77.6	0.1840+0.2166i	-0.4798-0.0898i	0.0605+0.3778i	-0.2889-0.2725i	0.0042-0.0397i	0.0150-0.0364i	-0.0987-0.0516i	0.0830-0.0893i
77.7	0.1705+0.1942i	-0.4716-0.0667i	0.0618+0.3846i	-0.2934-0.2689i	0.0060-0.0386i	0.0163-0.0348i	-0.1002-0.0500i	0.0881-0.0833i
77.8	0.1700+0.1876i	-0.4760-0.0613i	0.0662+0.3845i	-0.2999-0.2657i	0.0083-0.0399i	0.0165-0.0342i	-0.0992-0.0490i	0.0911-0.0845i
77.9	0.1913+0.1626i	-0.4920-0.0342i	0.0681+0.3866i	-0.3054-0.2744i	0.0059-0.0435i	0.0156-0.0393i	-0.1057-0.0546i	0.0902-0.0931i
78.0	0.1928+0.1471i	-0.4821+0.0160i	0.0630+0.3913i	-0.3026-0.2649i	0.0008-0.0444i	0.0118-0.0422i	-0.1115-0.0532i	0.0865-0.0959i
78.1	0.1775+0.1346i	-0.4808+0.0371i	0.0800+0.4100i	-0.3275-0.2669i	0.0012-0.0451i	0.0121-0.0423i	-0.1152-0.0483i	0.0904-0.0985i
78.2	0.1626+0.1122i	-0.4713+0.0762i	0.1030+0.4156i	-0.3335-0.2485i	0.0006-0.0464i	0.0114-0.0427i	-0.1162-0.0434i	0.0891-0.1002i
78.3	0.1522+0.0916i	-0.4485+0.0941i	0.1112+0.4158i	-0.3345-0.2560i	-0.0030-0.0468i	0.0086-0.0436i	-0.1220-0.0443i	0.0817-0.1009i
78.4	0.1377+0.0944i	-0.4413+0.1099i	0.1089+0.4369i	-0.3428-0.2437i	-0.0036-0.0461i	0.0063-0.0439i	-0.1309-0.0457i	0.0860-0.0952i
78.5	0.1322+0.0827i	-0.4271+0.1532i	0.1069+0.4363i	-0.3449-0.2291i	-0.0054-0.0405i	0.0021-0.0410i	-0.1382-0.0352i	0.0853-0.0906i
78.6	0.1404+0.0623i	-0.4217+0.1881i	0.1143+0.4292i	-0.3536-0.2203i	-0.0100-0.0388i	-0.0014-0.0405i	-0.1418-0.0298i	0.0807-0.0886i
78.7	0.1207+0.0610i	-0.4046+0.2080i	0.1283+0.4192i	-0.3272-0.1976i	-0.0142-0.0381i	-0.0026-0.0421i	-0.1459-0.0261i	0.0812-0.0929i
78.8	0.0859+0.0563i	-0.3724+0.2571i	0.1053+0.4499i	-0.3175-0.1858i	-0.0161-0.0366i	-0.0070-0.0416i	-0.1521-0.0250i	0.0812-0.0893i
78.9	0.0570+0.0502i	-0.3302+0.2834i	0.1082+0.4720i	-0.3037-0.1780i	-0.0146-0.0309i	-0.0069-0.0362i	-0.1577-0.0126i	0.0922-0.0858i
79.0	0.0296+0.0608i	-0.2401+0.2841i	0.1267+0.4972i	-0.2708-0.1958i	-0.0069-0.0294i	-0.0022-0.0340i	-0.1517-0.0073i	0.1082-0.0851i
79.1	0.0085+0.1196i	-0.1832+0.2005i	0.1737+0.5165i	-0.2717-0.2328i	0.0046-0.0310i	0.0057-0.0340i	-0.1396-0.0041i	0.1325-0.0980i
79.2	0.0550+0.1516i	-0.2413+0.1357i	0.2170+0.5029i	-0.3192-0.2620i	0.0024-0.0373i	0.0058-0.0374i	-0.1485-0.0017i	0.1278-0.1158i
79.3	0.0970+0.1298i	-0.2829+0.1594i	0.2244+0.4853i	-0.3526-0.2384i	-0.0069-0.0404i	0.0000-0.0420i	-0.1583+0.0002i	0.1069-0.1265i
79.4	0.1118+0.1254i	-0.2810+0.1739i	0.2325+0.4610i	-0.3651-0.2080i	-0.0125-0.0402i	-0.0066-0.0420i	-0.1582+0.0060i	0.0906-0.1309i
79.5	0.1374+0.1139i	-0.2888+0.2159i	0.2566+0.4476i	-0.3574-0.1848i	-0.0131-0.0382i	-0.0088-0.0392i	-0.1558+0.0252i	0.0855-0.1408i
79.6	0.0974+0.0859i	-0.2614+0.2614i	0.2611+0.4602i	-0.3541-0.1757i	-0.0171-0.0350i	-0.0115-0.0381i	-0.1557+0.0351i	0.0791-0.1378i
79.7	0.0865+0.0977i	-0.2589+0.2727i	0.2595+0.4700i	-0.3576-0.1693i	-0.0193-0.0356i	-0.0135-0.0388i	-0.1630+0.0388i	0.0806-0.1426i
79.8	0.0871+0.0969i	-0.2312+0.2731i	0.2712+0.4723i	-0.3398-0.1703i	-0.0132-0.0354i	-0.0092-0.0386i	-0.1559+0.0445i	0.0866-0.1452i
79.9	0.0867+0.0905i	-0.2007+0.2815i	0.2953+0.4540i	-0.3341-0.1453i	-0.0142-0.0327i	-0.0100-0.0360i	-0.1552+0.0547i	0.0810-0.1424i
80.0	0.1110+0.0914i	-0.1890+0.2938i	0.2921+0.4405i	-0.3209-0.1282i	-0.0201-0.0299i	-0.0142-0.0341i	-0.1564+0.0700i	0.0700-0.1495i

1.1.36 Run 10 – IP270NVP – SF and shaft bending gauges

In-plane shaking at 270° with no vertical shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	-0.0120+0.0000i	0.0725+0.0000i	-0.6109+0.0000i	-0.2600+0.0000i	48.0530+0.0000i	41.7020+0.0000i	18.1993+0.0000i	-30.8644+0.0000i
0.1	-0.0148+0.0018i	0.0705-0.0015i	-0.6066+0.0012i	-0.2614-0.0004i	47.8925+0.0044i	41.3410+0.1833i	18.1455-0.0185i	-30.7809+0.0095i
0.2	-0.3658+0.0081i	-0.2576+0.0425i	-0.2318-0.0358i	-0.2540-0.0048i	16.6979+3.8930i	-22.9865-0.5322i	11.9817+1.8869i	-9.5838-0.6793i
0.3	-0.2605+0.0148i	-0.3115+0.0189i	-0.2233+0.0283i	-0.2453-0.0062i	24.3860+0.2430i	-23.0243+0.2833i	16.3314-0.3380i	-9.9306-0.3998i
0.4	-0.2719+0.0094i	-0.3169+0.0123i	-0.2283+0.0104i	-0.2450+0.0019i	22.2437-0.0652i	-21.4602+0.4225i	14.0462-0.6582i	-8.5728-0.1823i
0.5	-0.2627-0.0073i	-0.3186+0.0251i	-0.2330+0.0017i	-0.2426+0.0010i	21.1682-0.9336i	-20.2397-0.3429i	12.5120-1.0166i	-7.6717-0.7281i
0.6	-0.2688-0.0223i	-0.3123+0.0380i	-0.2366+0.0004i	-0.2385+0.0001i	20.0681-2.3027i	-20.0414-1.7747i	11.4883-1.5236i	-7.4522-1.6320i
0.7	-0.2995-0.0094i	-0.2882+0.0259i	-0.2421+0.0018i	-0.2385-0.0004i	17.1094-0.9156i	-21.7820-0.9794i	9.9083-0.6138i	-8.5675-1.1794i
0.8	-0.3037+0.0101i	-0.2917+0.0159i	-0.2398+0.0033i	-0.2436+0.0045i	15.9359+2.1396i	-20.6531-1.6532i	8.7816+1.9565i	-7.6478-1.9207i
0.9	-0.3005+0.0135i	-0.2954+0.0160i	-0.2422+0.0041i	-0.2452+0.0042i	17.6320+3.8685i	-22.1277-3.4753i	10.5365+3.7541i	-8.8878-3.3905i
1.0	-0.3013+0.0096i	-0.3009+0.0140i	-0.2475+0.0059i	-0.2495+0.0047i	20.5149+1.1161i	-24.5835-0.2587i	13.3244+0.5961i	-11.0403-0.7919i
1.1	-0.3062+0.0129i	-0.3060+0.0139i	-0.2505+0.0088i	-0.2523+0.0058i	19.9356+0.3347i	-23.7553+0.6053i	12.5640-0.2044i	-10.4122-0.0660i
1.2	-0.3109+0.0168i	-0.3122+0.0146i	-0.2527+0.0106i	-0.2550+0.0069i	19.6504+0.2788i	-23.3401+0.6630i	12.1814-0.2178i	-10.0862+0.0010i
1.3	-0.3207+0.0219i	-0.3246+0.0154i	-0.2588+0.0125i	-0.2624+0.0091i	19.5046+0.1719i	-22.9981+0.8034i	11.9216-0.3482i	-9.8268+0.1431i
1.4	-0.3265+0.0238i	-0.3464+0.0161i	-0.2677+0.0129i	-0.2711+0.0106i	19.3947+0.0913i	-22.8431+0.8042i	11.7255-0.3813i	-9.6809+0.1606i
1.5	-0.3411+0.0165i	-0.3827+0.0481i	-0.2838+0.0214i	-0.2878+0.0184i	19.4237+0.0524i	-22.8404+0.8824i	11.6573-0.3897i	-9.6298+0.2133i
1.6	-0.3755+0.0192i	-0.3851+0.0862i	-0.2958+0.0350i	-0.2999+0.0316i	19.5030+0.0093i	-22.8268+1.0206i	11.6523-0.4129i	-9.5945+0.2823i
1.7	-0.4141+0.0543i	-0.3712+0.1074i	-0.3039+0.0532i	-0.3078+0.0499i	19.5865-0.1216i	-22.7738+1.1579i	11.6444-0.4709i	-9.5423+0.3381i
1.8	-0.4253+0.1419i	-0.3659+0.1571i	-0.3060+0.0975i	-0.3100+0.0941i	19.5773-0.4402i	-22.6853+1.4477i	11.5618-0.6104i	-9.4726+0.4281i
1.9	-0.4043+0.2388i	-0.3430+0.2253i	-0.2916+0.1513i	-0.2963+0.1468i	19.4800-0.7828i	-22.5062+1.8156i	11.4698-0.7505i	-9.3916+0.5468i
2.0	-0.2149+0.2466i	-0.1864+0.2057i	-0.1791+0.1478i	-0.1856+0.1451i	18.7719-0.7946i	-21.5978+1.7722i	11.1161-0.7309i	-9.0923+0.5389i
2.1	-0.1362+0.1925i	-0.1299+0.1523i	-0.1348+0.1134i	-0.1421+0.1110i	18.5123-0.5923i	-21.2477+1.5053i	10.9926-0.6355i	-8.9752+0.4665i
2.2	-0.1330+0.1295i	-0.1363+0.0997i	-0.1356+0.0759i	-0.1427+0.0739i	18.5398-0.3639i	-21.1905+1.1780i	10.9878-0.5070i	-8.9381+0.3582i
2.3	-0.1426+0.0904i	-0.1487+0.0658i	-0.1429+0.0521i	-0.1493+0.0508i	18.6153-0.3222i	-21.1622+0.9199i	10.9957-0.4702i	-8.9093+0.2746i
2.4	-0.1494+0.0711i	-0.1606+0.0475i	-0.1490+0.0401i	-0.1555+0.0383i	18.4902-0.4112i	-21.3191+0.6848i	10.9399-0.4797i	-8.9662+0.1909i
2.5	-0.1610+0.0546i	-0.1753+0.0374i	-0.1572+0.0312i	-0.1639+0.0298i	18.4195-0.2255i	-21.4749+0.7171i	10.9148-0.3983i	-9.0214+0.2226i
2.6	-0.1659+0.0450i	-0.1805+0.0318i	-0.1605+0.0262i	-0.1671+0.0252i	18.5052-0.1452i	-21.4283+0.6994i	10.9328-0.3555i	-8.9906+0.2185i
2.7	-0.1712+0.0397i	-0.1856+0.0277i	-0.1640+0.0230i	-0.1704+0.0222i	18.5437-0.1179i	-21.4366+0.6878i	10.9359-0.3532i	-8.9866+0.2209i
2.8	-0.1774+0.0363i	-0.1911+0.0253i	-0.1680+0.0210i	-0.1741+0.0204i	18.5772-0.0978i	-21.4505+0.6780i	10.9372-0.3383i	-8.9844+0.2242i
2.9	-0.1840+0.0303i	-0.1972+0.0212i	-0.1721+0.0178i	-0.1781+0.0172i	18.6244-0.0680i	-21.4622+0.6404i	10.9482-0.3175i	-8.9806+0.2127i
3.0	-0.1889+0.0252i	-0.2019+0.0177i	-0.1751+0.0152i	-0.1811+0.0144i	18.6842-0.0543i	-21.4923+0.6172i	10.9781-0.3105i	-8.9911+0.2119i
3.1	-0.1926+0.0237i	-0.2053+0.0166i	-0.1775+0.0143i	-0.1835+0.0135i	18.7049-0.0700i	-21.5050+0.6102i	10.9770-0.3174i	-8.9878+0.2157i
3.2	-0.1947+0.0234i	-0.2078+0.0164i	-0.1790+0.0142i	-0.1849+0.0135i	18.7081-0.0597i	-21.5002+0.5931i	10.9617-0.3049i	-8.9743+0.2082i
3.3	-0.1962+0.0207i	-0.2096+0.0146i	-0.1801+0.0128i	-0.1860+0.0120i	18.7194-0.0523i	-21.5073+0.5737i	10.9631-0.2949i	-8.9740+0.2024i
3.4	-0.1997+0.0180i	-0.2127+0.0128i	-0.1822+0.0113i	-0.1882+0.0106i	18.7513-0.0471i	-21.5208+0.5524i	10.9692-0.2893i	-8.9723+0.1966i
3.5	-0.2020+0.0168i	-0.2148+0.0121i	-0.1836+0.0106i	-0.1897+0.0101i	18.7719-0.0287i	-21.5271+0.5326i	10.9688-0.2724i	-8.9684+0.1851i
3.6	-0.2063+0.0164i	-0.2186+0.0118i	-0.1865+0.0103i	-0.1924+0.0098i	18.8252-0.0059i	-21.5853+0.5007i	11.0028-0.2506i	-8.9982+0.1691i
3.7	-0.2074+0.0152i	-0.2198+0.0109i	-0.1873+0.0098i	-0.1931+0.0092i	18.8515-0.0255i	-21.6194+0.5057i	11.0237-0.2701i	-9.0176+0.1807i
3.8	-0.2082+0.0146i	-0.2211+0.0105i	-0.1881+0.0094i	-0.1940+0.0089i	18.8796-0.0328i	-21.6370+0.5083i	11.0350-0.2774i	-9.0202+0.1894i
3.9	-0.2086+0.0146i	-0.2224+0.0108i	-0.1887+0.0095i	-0.1945+0.0090i	18.8934-0.0568i	-21.6434+0.5078i	11.0365-0.2922i	-9.0182+0.1952i
4.0	-0.2098+0.0129i	-0.2233+0.0097i	-0.1895+0.0086i	-0.1952+0.0081i	18.8975-0.0501i	-21.6506+0.4937i	11.0274-0.2888i	-9.0150+0.1922i
4.1	-0.2144+0.0128i	-0.2268+0.0094i	-0.1922+0.0086i	-0.1980+0.0080i	18.9507-0.0369i	-21.6847+0.4698i	11.0474-0.2584i	-9.0213+0.1758i
4.2	-0.2159+0.0112i	-0.2284+0.0085i	-0.1932+0.0080i	-0.1990+0.0073i	18.9791-0.0378i	-21.7071+0.4596i	11.0594-0.2574i	-9.0278+0.1761i
4.3	-0.2164+0.0095i	-0.2293+0.0076i	-0.1937+0.0068i	-0.1996+0.0065i	19.0009-0.0327i	-21.7346+0.4429i	11.0742-0.2527i	-9.0403+0.1697i
4.4	-0.2179+0.0101i	-0.2307+0.0080i	-0.1947+0.0071i	-0.2005+0.0067i	19.0286-0.0429i	-21.7639+0.4437i	11.0913-0.2554i	-9.0529+0.1712i
4.5	-0.2202+0.0082i	-0.2325+0.0068i	-0.1961+0.0062i	-0.2020+0.0057i	19.0700-0.0461i	-21.7949+0.4313i	11.1079-0.2549i	-9.0635+0.1681i
4.6	-0.2218+0.0079i	-0.2341+0.0067i	-0.1973+0.0062i	-0.2030+0.0057i	19.0948-0.0381i	-21.8176+0.4213i	11.1154-0.2468i	-9.0699+0.1641i
4.7	-0.2240+0.0072i	-0.2361+0.0062i	-0.1987+0.0058i	-0.2044+0.0053i	19.1157-0.0268i	-21.8506+0.4094i	11.1277-0.2404i	-9.0813+0.1594i
4.8	-0.2263+0.0080i	-0.2382+0.0067i	-0.2002+0.0061i	-0.2059+0.0059i	19.1685-0.0438i	-21.8887+0.4107i	11.1489-0.2453i	-9.0927+0.1618i
4.9	-0.2277+0.0073i	-0.2395+0.0064i	-0.2010+0.0060i	-0.2069+0.0055i	19.1971-0.0401i	-21.9181+0.4072i	11.1684-0.2406i	-9.1034+0.1633i
5.0	-0.2299+0.0066i	-0.2415+0.0062i	-0.2024+0.0057i	-0.2085+0.0054i	19.2356-0.0426i	-21.9531+0.4077i	11.1837-0.2489i	-9.1147+0.1664i
5.1	-0.2320+0.0075i	-0.2433+0.0068i	-0.2040+0.0061i	-0.2098+0.0059i	19.2664-0.0527i	-22.0002+0.4087i	11.2079-0.2498i	-9.1388+0.1664i
5.2	-0.2342+0.0080i	-0.2452+0.0073i	-0.2055+0.0066i	-0.2111+0.0061i	19.3062-0.0628i	-22.0372+0.4147i	11.2268-0.2587i	-9.1514+0.1743i
5.3	-0.2360+0.0084i	-0.2469+0.0076i	-0.2068+0.0068i	-0.2122+0.0064i	19.3251-0.0742i	-22.0731+0.4106i	11.2354-0.2611i	-9.1646+0.1745i
5.4	-0.2372+0.0095i	-0.2481+0.0084i	-0.2075+0.0074i	-0.2132+0.0069i	19.3593-0.0810i	-22.1051+0.4054i	11.2502-0.2585i	-9.1756+0.1722i
5.5	-0.2384+0.0096i	-0.2491+0.0088i	-0.2083+0.0077i	-0.2142+0.0071i	19.3967-0.0591i	-22.1336+0.4052i	11.2640-0.2496i	-9.1852+0.1695i
5.6	-0.2393+0.0109i	-0.2501+0.0097i	-0.2091+0.0085i	-0.2148+0.0080i	19.4311-0.0706i	-22.1689+0.4047i	11.2819-0.2506i	-9.1963+0.1705i

5.7	-0.2396+0.0120i	-0.2508+0.0105i	-0.2094+0.0090i	-0.2152+0.0085i	19.4708-0.0836i	-22.1989+0.4065i	11.2999-0.2582i	-9.2077+0.1730i
5.8	-0.2397+0.0125i	-0.2512+0.0109i	-0.2095+0.0092i	-0.2154+0.0088i	19.5108-0.0777i	-22.2364+0.4072i	11.3274-0.2616i	-9.2230+0.1722i
5.9	-0.2402+0.0122i	-0.2517+0.0106i	-0.2101+0.0090i	-0.2157+0.0088i	19.5544-0.0724i	-22.2697+0.4052i	11.3424-0.2657i	-9.2368+0.1721i
6.0	-0.2408+0.0103i	-0.2523+0.0092i	-0.2109+0.0080i	-0.2165+0.0075i	19.5790-0.0739i	-22.3162+0.3865i	11.3655-0.2528i	-9.2579+0.1661i
6.1	-0.2418+0.0101i	-0.2536+0.0091i	-0.2118+0.0078i	-0.2173+0.0074i	19.6176-0.0866i	-22.3553+0.3862i	11.3863-0.2633i	-9.2720+0.1664i
6.2	-0.2430+0.0101i	-0.2548+0.0090i	-0.2126+0.0078i	-0.2181+0.0074i	19.6646-0.0870i	-22.3935+0.3793i	11.4115-0.2591i	-9.2857+0.1619i
6.3	-0.2440+0.0090i	-0.2561+0.0082i	-0.2136+0.0072i	-0.2188+0.0067i	19.7087-0.0789i	-22.4408+0.3715i	11.4321-0.2535i	-9.3085+0.1605i
6.4	-0.2454+0.0080i	-0.2575+0.0076i	-0.2146+0.0067i	-0.2197+0.0064i	19.7545-0.0886i	-22.4829+0.3651i	11.4504-0.2578i	-9.3209+0.1615i
6.5	-0.2468+0.0083i	-0.2588+0.0079i	-0.2153+0.0069i	-0.2208+0.0066i	19.7974-0.1132i	-22.5369+0.3733i	11.4923-0.2706i	-9.3432+0.1696i
6.6	-0.2480+0.0083i	-0.2602+0.0077i	-0.2167+0.0070i	-0.2217+0.0066i	19.8342-0.1037i	-22.5815+0.3750i	11.5050-0.2666i	-9.3628+0.1735i
6.7	-0.2498+0.0076i	-0.2621+0.0072i	-0.2183+0.0069i	-0.2228+0.0061i	19.8855-0.1085i	-22.6226+0.3629i	11.5322-0.2561i	-9.3779+0.1628i
6.8	-0.2517+0.0067i	-0.2641+0.0066i	-0.2197+0.0066i	-0.2241+0.0056i	19.9532-0.1265i	-22.6617+0.3635i	11.5602-0.2647i	-9.3881+0.1657i
6.9	-0.2536+0.0063i	-0.2660+0.0064i	-0.2212+0.0062i	-0.2255+0.0056i	20.0071-0.1492i	-22.7078+0.3688i	11.5831-0.2861i	-9.4047+0.1738i
7.0	-0.2557+0.0062i	-0.2681+0.0063i	-0.2229+0.0066i	-0.2267+0.0051i	20.0561-0.1584i	-22.7492+0.3487i	11.6072-0.2945i	-9.4175+0.1671i
7.1	-0.2575+0.0060i	-0.2700+0.0064i	-0.2246+0.0076i	-0.2279+0.0039i	20.1133-0.2179i	-22.7969+0.3073i	11.6422-0.3165i	-9.4343+0.1456i
7.2	-0.2595+0.0060i	-0.2719+0.0067i	-0.2250+0.0084i	-0.2306+0.0034i	20.0891-0.2620i	-22.8925+0.2788i	11.6395-0.3402i	-9.4750+0.1291i
7.3	-0.2617+0.0068i	-0.2742+0.0074i	-0.2255+0.0080i	-0.2330+0.0046i	20.0909-0.2361i	-22.9923+0.3093i	11.6471-0.3370i	-9.5150+0.1407i
7.4	-0.2637+0.0066i	-0.2763+0.0070i	-0.2266+0.0074i	-0.2346+0.0052i	20.1252-0.1783i	-23.0568+0.3409i	11.6640-0.3029i	-9.5437+0.1607i
7.5	-0.2658+0.0069i	-0.2782+0.0074i	-0.2282+0.0071i	-0.2363+0.0059i	20.2075-0.1689i	-23.1141+0.3632i	11.7064-0.3013i	-9.5670+0.1727i
7.6	-0.2674+0.0074i	-0.2798+0.0078i	-0.2296+0.0072i	-0.2372+0.0061i	20.2783-0.1588i	-23.1690+0.3685i	11.7453-0.2994i	-9.5851+0.1760i
7.7	-0.2699+0.0074i	-0.2822+0.0079i	-0.2316+0.0071i	-0.2389+0.0066i	20.3559-0.1601i	-23.2335+0.3703i	11.7884-0.3024i	-9.6137+0.1772i
7.8	-0.2716+0.0076i	-0.2840+0.0083i	-0.2329+0.0073i	-0.2403+0.0069i	20.4146-0.1885i	-23.2950+0.3853i	11.8211-0.3185i	-9.6394+0.1834i
7.9	-0.2729+0.0075i	-0.2860+0.0083i	-0.2343+0.0073i	-0.2414+0.0068i	20.4779-0.2269i	-23.3625+0.3776i	11.8651-0.3330i	-9.6702+0.1783i
8.0	-0.2754+0.0078i	-0.2883+0.0088i	-0.2362+0.0078i	-0.2431+0.0072i	20.5268-0.2754i	-23.4151+0.4082i	11.8820-0.3736i	-9.6862+0.2045i
8.1	-0.2777+0.0076i	-0.2907+0.0086i	-0.2375+0.0077i	-0.2449+0.0069i	20.5519-0.2412i	-23.4438+0.4022i	11.8786-0.3522i	-9.6847+0.2012i
8.2	-0.2795+0.0072i	-0.2929+0.0084i	-0.2389+0.0074i	-0.2464+0.0065i	20.6383-0.2059i	-23.5391+0.3654i	11.9430-0.3100i	-9.7318+0.1745i
8.3	-0.2819+0.0072i	-0.2957+0.0089i	-0.2412+0.0074i	-0.2481+0.0070i	20.7417-0.2087i	-23.6387+0.3874i	12.0034-0.3265i	-9.7792+0.1900i
8.4	-0.2846+0.0075i	-0.2982+0.0094i	-0.2429+0.0080i	-0.2502+0.0074i	20.7987-0.2278i	-23.7236+0.4339i	12.0409-0.3612i	-9.8151+0.2262i
8.5	-0.2868+0.0076i	-0.3003+0.0095i	-0.2446+0.0080i	-0.2517+0.0076i	20.8658-0.2660i	-23.7973+0.4503i	12.0872-0.3883i	-9.8540+0.2389i
8.6	-0.2900+0.0078i	-0.3038+0.0101i	-0.2468+0.0082i	-0.2540+0.0079i	21.0005-0.3245i	-23.8941+0.5053i	12.1688-0.4496i	-9.8931+0.2773i
8.7	-0.2929+0.0079i	-0.3065+0.0112i	-0.2491+0.0089i	-0.2562+0.0084i	21.0189-0.4239i	-23.9395+0.5935i	12.1613-0.5368i	-9.8993+0.3454i
8.8	-0.2958+0.0083i	-0.3087+0.0117i	-0.2511+0.0094i	-0.2578+0.0087i	20.9387-0.4645i	-23.8917+0.6129i	12.0604-0.5535i	-9.8394+0.3643i
8.9	-0.2995+0.0095i	-0.3118+0.0121i	-0.2532+0.0097i	-0.2602+0.0093i	20.9275-0.3583i	-23.8998+0.5066i	12.0112-0.4574i	-9.8098+0.2840i
9.0	-0.3022+0.0101i	-0.3150+0.0123i	-0.2552+0.0097i	-0.2626+0.0093i	21.0852-0.2860i	-24.0567+0.4444i	12.1304-0.3815i	-9.9005+0.2360i
9.1	-0.3046+0.0109i	-0.3177+0.0138i	-0.2572+0.0105i	-0.2647+0.0104i	21.2081-0.4257i	-24.1586+0.5469i	12.2172-0.4864i	-9.9529+0.3085i
9.2	-0.3079+0.0121i	-0.3208+0.0156i	-0.2595+0.0114i	-0.2668+0.0117i	21.1816-0.5001i	-24.0977+0.5952i	12.1313-0.5695i	-9.8751+0.3380i
9.3	-0.3114+0.0130i	-0.3238+0.0165i	-0.2615+0.0120i	-0.2695+0.0125i	21.2184-0.4709i	-24.1521+0.4712i	12.1385-0.5061i	-9.8769+0.2543i
9.4	-0.3139+0.0143i	-0.3266+0.0181i	-0.2639+0.0125i	-0.2709+0.0137i	21.2521-0.4775i	-24.2796+0.3705i	12.1842-0.4674i	-9.9391+0.1816i
9.5	-0.3179+0.0170i	-0.3306+0.0208i	-0.2671+0.0141i	-0.2733+0.0154i	21.3292-0.4572i	-24.4816+0.3516i	12.2486-0.4495i	-10.0466+0.1629i
9.6	-0.3210+0.0187i	-0.3334+0.0227i	-0.2693+0.0152i	-0.2756+0.0165i	21.3750-0.4776i	-24.6294+0.3952i	12.3001-0.4676i	-10.1193+0.1857i
9.7	-0.3247+0.0210i	-0.3361+0.0258i	-0.2718+0.0175i	-0.2777+0.0182i	21.3917-0.5031i	-24.7545+0.5242i	12.3117-0.5244i	-10.1716+0.2687i
9.8	-0.3271+0.0242i	-0.3380+0.0290i	-0.2733+0.0198i	-0.2794+0.0202i	21.4121-0.5322i	-24.7846+0.6075i	12.2940-0.5524i	-10.1597+0.3191i
9.9	-0.3285+0.0272i	-0.3391+0.0313i	-0.2743+0.0218i	-0.2808+0.0216i	21.4438-0.4742i	-24.8087+0.6035i	12.2963-0.5058i	-10.1522+0.3100i
10.0	-0.3305+0.0310i	-0.3404+0.0350i	-0.2760+0.0246i	-0.2821+0.0238i	21.4645-0.4519i	-24.8680+0.6090i	12.2693-0.4673i	-10.1678+0.3021i
10.1	-0.3315+0.0337i	-0.3409+0.0371i	-0.2766+0.0260i	-0.2829+0.0253i	21.4840-0.4108i	-24.9283+0.5965i	12.2679-0.4225i	-10.1805+0.2831i
10.2	-0.3305+0.0353i	-0.3394+0.0381i	-0.2760+0.0269i	-0.2825+0.0262i	21.5501-0.3588i	-25.0118+0.5738i	12.3159-0.3733i	-10.2198+0.2625i
10.3	-0.3298+0.0370i	-0.3386+0.0391i	-0.2756+0.0278i	-0.2824+0.0272i	21.6348-0.3101i	-25.1135+0.5845i	12.3644-0.3567i	-10.2670+0.2554i
10.4	-0.3298+0.0385i	-0.3386+0.0396i	-0.2756+0.0285i	-0.2827+0.0281i	21.7010-0.2499i	-25.2290+0.5808i	12.4267-0.3050i	-10.3184+0.2462i
10.5	-0.3302+0.0385i	-0.3381+0.0385i	-0.2756+0.0281i	-0.2826+0.0279i	21.7667-0.2276i	-25.3110+0.5835i	12.4449-0.2825i	-10.3498+0.2458i
10.6	-0.3309+0.0379i	-0.3390+0.0360i	-0.2767+0.0267i	-0.2838+0.0267i	21.8489-0.1369i	-25.4312+0.5670i	12.5002-0.2403i	-10.4010+0.2375i
10.7	-0.3314+0.0361i	-0.3400+0.0330i	-0.2779+0.0254i	-0.2845+0.0251i	21.9254-0.0749i	-25.5552+0.5790i	12.5497-0.1974i	-10.4565+0.2440i
10.8	-0.3327+0.0360i	-0.3420+0.0323i	-0.2792+0.0250i	-0.2856+0.0248i	22.0649-0.0651i	-25.6767+0.6022i	12.6315-0.1829i	-10.5142+0.2521i
10.9	-0.3355+0.0374i	-0.3447+0.0310i	-0.2811+0.0253i	-0.2877+0.0250i	22.1497-0.0342i	-25.7890+0.6688i	12.6724-0.1763i	-10.5571+0.2906i
11.0	-0.3368+0.0375i	-0.3476+0.0265i	-0.2828+0.0240i	-0.2895+0.0236i	22.1714+0.1235i	-25.8560+0.7178i	12.6782-0.0915i	-10.5709+0.3209i
11.1	-0.3374+0.0364i	-0.3525+0.0225i	-0.2847+0.0221i	-0.2918+0.0221i	22.2566+0.3184i	-25.8964+0.7022i	12.7162+0.0373i	-10.5657+0.3030i
11.2	-0.3384+0.0335i	-0.3620+0.0211i	-0.2883+0.0208i	-0.2959+0.0205i	22.6553+0.4572i	-26.0314+0.6575i	12.9699+0.1624i	-10.6230+0.2511i
11.3	-0.3399+0.0324i	-0.3670+0.0212i	-0.2908+0.0204i	-0.2985+0.0199i	22.9279+0.4795i	-26.1473+0.6713i	13.1241+0.1805i	-10.6766+0.2552i
11.4	-0.3435+0.0315i	-0.3733+0.0226i	-0.2949+0.0207i	-0.3020+0.0204i	23.1324+0.4722i	-26.2437+0.6880i	13.2461+0.1779i	-10.7193+0.2633i
11.5	-0.3468+0.0285i	-0.3806+0.0225i	-0.2991+0.0192i	-0.3061+0.0195i	23.4015+0.4717i	-26.3676+0.6858i	13.4175+0.1699i	-10.7730+0.2581i
11.6	-0.3501+0.0262i	-0.3870+0.0239i	-0.3030+0.0187i	-0.3095+0.0194i	23.6231+0.4318i	-26.4524+0.6731i	13.5464+0.1614i	-10.8080+0.2428i
11.7	-0.3553+0.0230i	-0.3941+0.0278i	-0.3072+0.0192i	-0.3140+0.0200i	23.9231+0.3166i	-26.5977+0.6465i	13.7475+0.0879i	-10.8816+0.2255i
11.8	-0.3621+0.0204i	-0.3997+0.0304i	-0.3119+0.0198i	-0.3187+0.0197i	24.1884+0.1657i	-26.7516+0.6335i	13.8984+0.0005i	-10.9528+0.2259i
11.9	-0.3683+0.0190i	-0.4045+0.0327i	-0.3159+0.0204i	-0.3230+0.0200i	24.3726+0.0562i	-26.8952+0.6195i	13.9987-0.0713i	-11.0185+0.2254i

12.0	-0.3754+0.0186i	-0.4100+0.0360i	-0.3202+0.0217i	-0.3277+0.0209i	24.5349-0.0752i	-27.0372+0.6104i	14.0908-0.1449i	-11.0750+0.2268i
12.1	-0.3831+0.0191i	-0.4152+0.0384i	-0.3250+0.0229i	-0.3322+0.0221i	24.6346-0.1632i	-27.2181+0.5969i	14.1535-0.2054i	-11.1478+0.2233i
12.2	-0.3908+0.0220i	-0.4213+0.0421i	-0.3298+0.0252i	-0.3371+0.0245i	24.7604-0.2528i	-27.3943+0.6287i	14.2146-0.2536i	-11.2178+0.2343i
12.3	-0.3997+0.0246i	-0.4284+0.0470i	-0.3351+0.0274i	-0.3430+0.0271i	24.9297-0.3684i	-27.6109+0.6508i	14.3044-0.3244i	-11.3064+0.2357i
12.4	-0.4075+0.0279i	-0.4345+0.0520i	-0.3401+0.0303i	-0.3481+0.0298i	25.0303-0.4478i	-27.7935+0.6828i	14.3527-0.3565i	-11.3784+0.2528i
12.5	-0.4154+0.0336i	-0.4410+0.0591i	-0.3460+0.0350i	-0.3534+0.0340i	25.1177-0.4973i	-28.0571+0.7631i	14.4339-0.3936i	-11.5132+0.3013i
12.6	-0.4200+0.0404i	-0.4441+0.0677i	-0.3487+0.0399i	-0.3564+0.0392i	25.2868-0.6011i	-28.2430+0.8805i	14.5254-0.4618i	-11.5905+0.3601i
12.7	-0.4220+0.0478i	-0.4437+0.0780i	-0.3498+0.0458i	-0.3572+0.0453i	25.3886-0.7175i	-28.3841+0.9999i	14.5694-0.5196i	-11.6483+0.4102i
12.8	-0.4211+0.0536i	-0.4388+0.0869i	-0.3485+0.0509i	-0.3563+0.0506i	25.4660-0.7914i	-28.4214+1.0973i	14.6064-0.5481i	-11.6469+0.4544i
12.9	-0.4190+0.0558i	-0.4322+0.0915i	-0.3456+0.0534i	-0.3538+0.0533i	25.5341-0.8550i	-28.4134+1.1961i	14.6458-0.6132i	-11.6110+0.5197i
13.0	-0.4171+0.0558i	-0.4251+0.0902i	-0.3431+0.0530i	-0.3513+0.0533i	25.6091-0.8765i	-28.4371+1.1999i	14.6541-0.6290i	-11.6007+0.5161i
13.1	-0.4186+0.0519i	-0.4217+0.0838i	-0.3430+0.0497i	-0.3507+0.0496i	25.7333-0.8814i	-28.6117+1.1099i	14.7477-0.5981i	-11.6822+0.4617i
13.2	-0.4213+0.0482i	-0.4222+0.0770i	-0.3443+0.0459i	-0.3522+0.0462i	25.8015-0.8800i	-28.7301+1.0435i	14.7979-0.5974i	-11.7227+0.4286i
13.3	-0.4271+0.0445i	-0.4260+0.0701i	-0.3481+0.0430i	-0.3562+0.0425i	25.9747-0.8639i	-28.9098+1.0091i	14.8912-0.5776i	-11.7959+0.4200i
13.4	-0.4334+0.0427i	-0.4317+0.0655i	-0.3523+0.0411i	-0.3608+0.0406i	26.1407-0.8719i	-29.0857+1.0055i	14.9945-0.5807i	-11.8664+0.4170i
13.5	-0.4410+0.0419i	-0.4391+0.0615i	-0.3578+0.0396i	-0.3666+0.0390i	26.3121-0.8839i	-29.2861+0.9886i	15.0872-0.5943i	-11.9421+0.4100i
13.6	-0.4495+0.0416i	-0.4482+0.0586i	-0.3641+0.0388i	-0.3736+0.0381i	26.5184-0.9264i	-29.5013+1.0316i	15.1994-0.6364i	-12.0237+0.4289i
13.7	-0.4590+0.0411i	-0.4577+0.0570i	-0.3708+0.0380i	-0.3805+0.0377i	26.7817-0.9492i	-29.7822+1.0506i	15.3438-0.6418i	-12.1370+0.4359i
13.8	-0.4669+0.0410i	-0.4669+0.0557i	-0.3767+0.0374i	-0.3867+0.0376i	26.9696-0.9563i	-29.9956+1.0074i	15.4608-0.6402i	-12.2178+0.4146i
13.9	-0.4757+0.0432i	-0.4769+0.0572i	-0.3841+0.0387i	-0.3939+0.0393i	27.1766-1.0687i	-30.2254+1.0611i	15.5661-0.7094i	-12.3072+0.4306i
14.0	-0.4851+0.0443i	-0.4865+0.0571i	-0.3913+0.0390i	-0.4007+0.0401i	27.3716-1.1154i	-30.4642+1.0840i	15.6827-0.7290i	-12.4025+0.4427i
14.1	-0.4949+0.0460i	-0.4967+0.0582i	-0.3981+0.0401i	-0.4081+0.0416i	27.5800-1.1873i	-30.7098+1.0992i	15.8118-0.7536i	-12.4953+0.4501i
14.2	-0.5044+0.0490i	-0.5064+0.0610i	-0.4054+0.0423i	-0.4151+0.0441i	27.7886-1.3007i	-30.9517+1.1301i	15.9185-0.8072i	-12.5827+0.4525i
14.3	-0.5148+0.0556i	-0.5173+0.0669i	-0.4133+0.0470i	-0.4228+0.0488i	27.9952-1.4009i	-31.2492+1.2548i	16.0372-0.8794i	-12.6975+0.5061i
14.4	-0.5230+0.0613i	-0.5252+0.0716i	-0.4185+0.0505i	-0.4289+0.0528i	28.1556-1.4803i	-31.4640+1.3302i	16.1306-0.9410i	-12.7706+0.5404i
14.5	-0.5331+0.0658i	-0.5356+0.0769i	-0.4264+0.0538i	-0.4368+0.0571i	28.4242-1.6376i	-31.8026+1.4098i	16.3053-0.9940i	-12.9156+0.5641i
14.6	-0.5400+0.0730i	-0.5433+0.0839i	-0.4318+0.0584i	-0.4420+0.0628i	28.5980-1.8049i	-32.0090+1.5412i	16.3799-1.0613i	-12.9923+0.6032i
14.7	-0.5427+0.0845i	-0.5473+0.0946i	-0.4349+0.0662i	-0.4436+0.0721i	28.6543-2.0543i	-32.2048+1.7324i	16.4380-1.1829i	-13.0733+0.6705i
14.8	-0.5396+0.0915i	-0.5457+0.1018i	-0.4341+0.0707i	-0.4404+0.0782i	28.6186-2.2036i	-32.3274+1.8618i	16.4408-1.2813i	-13.1387+0.7152i
14.9	-0.5369+0.0866i	-0.5403+0.1004i	-0.4323+0.0684i	-0.4359+0.0756i	28.6062-2.0609i	-32.4196+1.8256i	16.4369-1.2530i	-13.1857+0.7069i
15.0	-0.5396+0.0754i	-0.5392+0.0888i	-0.4340+0.0614i	-0.4359+0.0662i	28.6850-1.8502i	-32.5946+1.6795i	16.5070-1.1312i	-13.2677+0.6599i
15.1	-0.5537+0.0653i	-0.5530+0.0749i	-0.4447+0.0537i	-0.4458+0.0564i	28.9184-1.5942i	-32.9213+1.5457i	16.6340-1.0055i	-13.3912+0.6249i
15.2	-0.5732+0.0604i	-0.5742+0.0664i	-0.4592+0.0503i	-0.4609+0.0505i	29.3446-1.4730i	-33.3361+1.5096i	16.8445-0.9367i	-13.5428+0.6234i
15.3	-0.5911+0.0579i	-0.5939+0.0636i	-0.4719+0.0484i	-0.4750+0.0479i	29.7487-1.4192i	-33.7231+1.5034i	17.0918-0.9252i	-13.6859+0.6210i
15.4	-0.6125+0.0597i	-0.6162+0.0658i	-0.4874+0.0503i	-0.4914+0.0489i	30.2201-1.4517i	-34.1990+1.5834i	17.3559-0.9609i	-13.8675+0.6581i
15.5	-0.6327+0.0647i	-0.6359+0.0705i	-0.5026+0.0536i	-0.5063+0.0525i	30.6096-1.6289i	-34.6314+1.6637i	17.5743-1.0206i	-14.0391+0.6800i
15.6	-0.6522+0.0704i	-0.6555+0.0751i	-0.5168+0.0583i	-0.5211+0.0560i	30.9725-1.7112i	-35.0783+1.7739i	17.7915-1.0778i	-14.2066+0.7308i
15.7	-0.6786+0.0764i	-0.6822+0.0815i	-0.5354+0.0633i	-0.5407+0.0607i	31.5452-1.7489i	-35.6594+1.8497i	18.1035-1.0857i	-14.4211+0.7523i
15.8	-0.7017+0.0881i	-0.7060+0.0932i	-0.5524+0.0714i	-0.5578+0.0694i	31.9645-1.9631i	-36.1477+2.0725i	18.3308-1.2165i	-14.6058+0.8287i
15.9	-0.7269+0.1058i	-0.7309+0.1099i	-0.5707+0.0842i	-0.5764+0.0819i	32.4449-2.2969i	-36.7113+2.4041i	18.6148-1.3999i	-14.8183+0.9567i
16.0	-0.7524+0.1257i	-0.7565+0.1294i	-0.5895+0.0987i	-0.5949+0.0960i	32.9180-2.5772i	-37.2785+2.7248i	18.8808-1.5434i	-15.0319+1.0746i
16.1	-0.7706+0.1564i	-0.7759+0.1597i	-0.6024+0.1212i	-0.6089+0.1180i	33.2968-3.0049i	-37.7347+3.2890i	19.1061-1.7741i	-15.2094+1.2916i
16.2	-0.7769+0.1846i	-0.7830+0.1873i	-0.6068+0.1410i	-0.6140+0.1379i	33.4471-3.4321i	-37.9638+3.7987i	19.2106-2.0201i	-15.3057+1.4865i
16.3	-0.7830+0.2293i	-0.7906+0.2305i	-0.6116+0.1732i	-0.6195+0.1695i	33.6925-4.1133i	-38.2258+4.6022i	19.3462-2.3842i	-15.4036+1.7823i
16.4	-0.7787+0.2570i	-0.7861+0.2580i	-0.6080+0.1929i	-0.6170+0.1896i	33.7231-4.4970i	-38.2234+5.0577i	19.3379-2.5769i	-15.4065+1.9445i
16.5	-0.7542+0.2739i	-0.7620+0.2749i	-0.5908+0.2052i	-0.5999+0.2015i	33.5409-4.7042i	-37.9306+5.4040i	19.2404-2.7184i	-15.3047+2.0822i
16.6	-0.7287+0.2665i	-0.7376+0.2681i	-0.5722+0.2002i	-0.5821+0.1975i	33.4803-4.6370i	-37.6538+5.3635i	19.2368-2.7228i	-15.2075+2.0710i
16.7	-0.7218+0.2516i	-0.7319+0.2527i	-0.5678+0.1878i	-0.5779+0.1878i	33.5051-4.5374i	-37.6299+5.0626i	19.2387-2.6703i	-15.1993+1.9488i
16.8	-0.7421+0.2363i	-0.7536+0.2366i	-0.5840+0.1762i	-0.5926+0.1766i	33.9121-4.4075i	-38.2013+4.7752i	19.4853-2.5919i	-15.4311+1.8390i
16.9	-0.7697+0.2506i	-0.7835+0.2498i	-0.6048+0.1872i	-0.6130+0.1856i	34.5019-4.6008i	-38.8870+5.0530i	19.8018-2.6786i	-15.6911+1.9418i
17.0	-0.7799+0.2711i	-0.7936+0.2696i	-0.6120+0.2018i	-0.6206+0.1998i	34.8209-4.9093i	-39.1939+5.4317i	19.9795-2.8715i	-15.8157+2.0838i
17.1	-0.7847+0.2547i	-0.7983+0.2528i	-0.6147+0.1890i	-0.6251+0.1881i	35.0653-4.6949i	-39.3223+5.0964i	20.1117-2.7781i	-15.8581+1.9503i
17.2	-0.8252+0.2264i	-0.8402+0.2235i	-0.6442+0.1670i	-0.6557+0.1676i	35.7647-4.3996i	-40.2246+4.4814i	20.5347-2.6161i	-16.2086+1.7143i
17.3	-0.8776+0.2603i	-0.8956+0.2591i	-0.6847+0.1921i	-0.6940+0.1934i	36.5919-4.9796i	-41.4624+5.1417i	20.9949-2.9066i	-16.6999+1.9611i
17.4	-0.9127+0.3113i	-0.9316+0.3107i	-0.7109+0.2305i	-0.7189+0.2306i	37.1893-5.6107i	-42.2751+6.1542i	21.3512-3.2705i	-17.0121+2.3581i
17.5	-0.9320+0.3537i	-0.9514+0.3540i	-0.7243+0.2610i	-0.7330+0.2612i	37.6667-6.2502i	-42.7011+6.9937i	21.6089-3.6769i	-17.1570+2.6813i
17.6	-0.9385+0.3958i	-0.9578+0.3968i	-0.7288+0.2914i	-0.7379+0.2922i	37.9132-6.9526i	-42.9384+7.7790i	21.7329-4.0955i	-17.2600+2.9798i
17.7	-0.9327+0.4519i	-0.9533+0.4522i	-0.7255+0.3317i	-0.7335+0.3327i	37.9727-7.7505i	-43.0579+8.6503i	21.7786-4.5125i	-17.3245+3.2815i
17.8	-0.8986+0.4820i	-0.9211+0.4817i	-0.7017+0.3533i	-0.7090+0.3544i	37.6744-8.1716i	-42.7200+9.1929i	21.6494-4.7367i	-17.2186+3.4777i
17.9	-0.8696+0.4709i	-0.8931+0.4711i	-0.6819+0.3452i	-0.6879+0.3460i	37.3136-8.0718i	-42.3673+9.0347i	21.4705-4.6670i	-17.1128+3.4236i
18.0	-0.8687+0.4513i	-0.8935+0.4515i	-0.6819+0.3311i	-0.6867+0.3311i	37.3481-7.7574i	-42.5122+8.6843i	21.5084-4.5215i	-17.1765+3.3056i
18.1	-0.8983+0.4451i	-0.9246+0.4457i	-0.7038+0.3282i	-0.7087+0.3249i	37.9750-7.4692i	-43.3274+8.7208i	21.8824-4.4321i	-17.5013+3.3531i
18.2	-0.9181+0.4606i	-0.9463+0.4620i	-0.7188+0.3405i	-0.7243+0.3351i	38.4435-7.5341i	-43.8280+9.0577i	22.1357-4.4989i	-17.7018+3.4920i

18.3	-0.9405+0.4718i	-0.9698+0.4728i	-0.7347+0.3486i	-0.7417+0.3418i	39.0218-7.6820i	-44.3522+9.3112i	22.4729-4.6047i	-17.9022+3.5981i
18.4	-0.9747+0.4963i	-1.0045+0.4968i	-0.7583+0.3672i	-0.7680+0.3585i	39.8549-7.8857i	-45.0302+9.8115i	22.8941-4.7538i	-18.1411+3.8047i
18.5	-0.9953+0.5413i	-1.0244+0.5412i	-0.7709+0.3983i	-0.7846+0.3903i	40.5910-8.4831i	-45.3521+10.6346i	23.2420-5.0911i	-18.2404+4.1287i
18.6	-0.9811+0.5783i	-1.0116+0.5763i	-0.7591+0.4212i	-0.7761+0.4182i	40.9071-9.2551i	-45.0711+11.0540i	23.3917-5.4734i	-18.1085+4.2670i
18.7	-0.9559+0.5760i	-0.9906+0.5716i	-0.7440+0.4156i	-0.7577+0.4172i	40.6714-9.5638i	-44.9573+10.6189i	23.3052-5.5744i	-18.0916+4.0492i
18.8	-0.9716+0.5580i	-1.0117+0.5537i	-0.7592+0.4031i	-0.7702+0.4033i	40.9336-9.2602i	-45.6884+10.2618i	23.4910-5.4409i	-18.3992+3.9197i
18.9	-1.0126+0.5527i	-1.0567+0.5467i	-0.7913+0.3987i	-0.8007+0.3980i	41.6585-9.1140i	-46.7751+10.0816i	23.8890-5.3703i	-18.8408+3.8576i
19.0	-1.0451+0.5550i	-1.0946+0.5514i	-0.8172+0.4004i	-0.8261+0.3991i	42.3596-9.1258i	-47.6808+10.0821i	24.3106-5.3841i	-19.1981+3.8511i
19.1	-1.0953+0.5677i	-1.1526+0.5643i	-0.8563+0.4096i	-0.8652+0.4065i	43.4583-9.1403i	-48.9608+10.2947i	24.9477-5.4262i	-19.7012+3.9528i
19.2	-1.1582+0.6066i	-1.2227+0.6045i	-0.9051+0.4381i	-0.9141+0.4335i	44.8267-9.6098i	-50.5397+11.0650i	25.7203-5.7433i	-20.3102+4.2764i
19.3	-1.2044+0.6492i	-1.2771+0.6509i	-0.9422+0.4692i	-0.9501+0.4650i	45.8656-10.1164i	-51.7430+11.7643i	26.2479-6.0586i	-20.7862+4.5399i
19.4	-1.2483+0.7044i	-1.3302+0.7101i	-0.9773+0.5110i	-0.9854+0.5034i	46.8181-10.9610i	-52.9249+12.7685i	26.7668-6.4703i	-21.2253+4.9331i
19.5	-1.2789+0.7537i	-1.3685+0.7659i	-1.0023+0.5489i	-1.0112+0.5388i	47.6682-11.7402i	-53.8778+13.7897i	27.2775-6.9185i	-21.5948+5.3413i
19.6	-1.3150+0.8270i	-1.4147+0.8504i	-1.0321+0.6050i	-1.0432+0.5931i	48.8740-12.6467i	-54.9282+15.1741i	27.9148-7.4508i	-21.9937+5.8886i
19.7	-1.3385+0.8568i	-1.4428+0.8902i	-1.0507+0.6304i	-1.0638+0.6182i	49.7879-13.1671i	-55.7010+15.8271i	28.4086-7.7567i	-22.2853+6.1355i
19.8	-1.3780+0.9034i	-1.4891+0.9513i	-1.0797+0.6676i	-1.0972+0.6562i	50.9153-14.0430i	-56.6137+16.7327i	29.0178-8.2525i	-22.6238+6.4829i
19.9	-1.4558+0.9734i	-1.5751+1.0328i	-1.1367+0.7198i	-1.1570+0.7100i	52.5272-15.3473i	-58.1440+17.8844i	29.8652-8.9651i	-23.1841+6.9031i
20.0	-1.5240+1.0292i	-1.6510+1.0931i	-1.1871+0.7598i	-1.2088+0.7514i	53.9148-16.4300i	-59.7298+18.7527i	30.6528-9.5691i	-23.7877+7.2182i
20.1	-1.6110+1.1632i	-1.7431+1.2512i	-1.2518+0.8618i	-1.2743+0.8545i	55.8069-18.5062i	-62.0076+21.1754i	31.6580-10.7557i	-24.6778+8.1665i
20.2	-1.6652+1.3025i	-1.7983+1.4124i	-1.2914+0.9661i	-1.3145+0.9598i	56.7968-20.5651i	-63.2846+23.4214i	32.2467-11.8372i	-25.1755+8.9863i
20.3	-1.7110+1.5025i	-1.8431+1.6483i	-1.3253+1.1164i	-1.3480+1.1116i	58.0628-23.3994i	-64.7615+26.7508i	32.9715-13.4363i	-25.7374+10.2328i
20.4	-1.7071+1.6890i	-1.8275+1.8720i	-1.3214+1.2587i	-1.3439+1.2545i	58.6583-26.1122i	-65.4237+29.9484i	33.2628-14.9535i	-26.0043+11.4443i
20.5	-1.6401+1.9176i	-1.7379+2.1298i	-1.2688+1.4278i	-1.2930+1.4249i	58.4705-29.7342i	-64.9708+33.9139i	33.1193-16.8337i	-25.8313+12.9482i
20.6	-1.5216+2.1036i	-1.5748+2.3453i	-1.1745+1.5678i	-1.2005+1.5666i	57.5592-32.5113i	-63.8493+37.1119i	32.6987-18.4012i	-25.4312+14.1453i
20.7	-1.3961+2.2668i	-1.4107+2.5283i	-1.0778+1.6893i	-1.1044+1.6893i	56.6806-35.1001i	-62.7129+40.2534i	32.2657-19.9266i	-25.0194+15.3508i
20.8	-1.2209+2.4088i	-1.1967+2.6766i	-0.9480+1.7932i	-0.9729+1.7929i	55.0750-37.5695i	-60.9278+43.1602i	31.3947-21.2969i	-24.3881+16.4507i
20.9	-1.0992+2.4752i	-1.0316+2.7420i	-0.8532+1.8424i	-0.8771+1.8407i	54.2554-39.0194i	-59.8954+44.6873i	31.0016-22.0377i	-24.0350+17.0398i
21.0	-0.9986+2.5410i	-0.8918+2.7995i	-0.7727+1.8883i	-0.7965+1.8873i	53.4706-40.6731i	-59.0455+46.6419i	30.6170-22.9738i	-23.7463+17.8044i
21.1	-0.8737+2.6168i	-0.7211+2.8446i	-0.6732+1.9351i	-0.6982+1.9372i	52.6103-42.8077i	-57.6832+49.0459i	30.1558-24.2694i	-23.2532+18.7357i
21.2	-0.7671+2.6853i	-0.5761+2.8838i	-0.5888+1.9783i	-0.6154+1.9801i	51.9150-44.7344i	-56.5604+51.0528i	29.7104-25.3390i	-22.8283+19.5041i
21.3	-0.6592+2.7575i	-0.4452+2.9201i	-0.5074+2.0218i	-0.5348+2.0226i	51.0776-46.6000i	-55.3401+53.1427i	29.2106-26.4284i	-22.3820+20.3228i
21.4	-0.5601+2.8476i	-0.3299+2.9597i	-0.4331+2.0742i	-0.4623+2.0751i	49.9721-49.0735i	-54.0187+55.8396i	28.6250-27.8248i	-21.8801+21.3732i
21.5	-0.4737+3.0057i	-0.2373+3.0658i	-0.3696+2.1712i	-0.4017+2.1755i	49.0264-52.5578i	-52.7674+59.4406i	28.0683-29.7405i	-21.3990+22.7464i
21.6	-0.2803+3.1707i	-0.0517+3.1929i	-0.2364+2.2778i	-0.2700+2.2844i	46.5981-55.8237i	-49.8107+63.2296i	26.6999-31.6090i	-20.2727+24.1986i
21.7	0.0158+3.3065i	0.2196+3.2887i	-0.0354+2.3630i	-0.0701+2.3721i	42.5049-58.8773i	-44.7180+66.4299i	24.3640-33.3506i	-18.3160+25.4413i
21.8	0.3889+3.3618i	0.5661+3.3013i	0.2192+2.3899i	0.1838+2.4021i	36.9609-60.5314i	-38.3052+68.0593i	21.3036-34.1969i	-15.8899+26.0701i
21.9	0.7470+3.2696i	0.8958+3.1988i	0.4604+2.3217i	0.4267+2.3383i	31.9418-60.1646i	-32.3332+66.8382i	18.4699-33.7988i	-13.6216+25.5615i
22.0	1.0779+3.1045i	1.1944+3.0269i	0.6808+2.2026i	0.6498+2.2239i	27.3157-58.4272i	-26.9431+64.3171i	15.8448-32.7899i	-11.5892+24.5808i
22.1	1.3544+2.8863i	1.4404+2.8082i	0.8631+2.0502i	0.8338+2.0712i	23.5456-55.3892i	-22.8032+60.9021i	13.8851-31.1078i	-10.0475+23.3017i
22.2	1.5551+2.6554i	1.6148+2.5827i	0.9914+1.8906i	0.9649+1.9114i	21.2551-52.1730i	-20.1157+57.0670i	12.6842-29.3442i	-9.0591+21.8391i
22.3	1.6786+2.3521i	1.7204+2.2936i	1.0659+1.6832i	1.0420+1.7048i	20.1768-48.3602i	-19.2264+52.1444i	12.1918-27.2093i	-8.7774+19.9402i
22.4	1.6990+2.0925i	1.7369+2.0493i	1.0728+1.5078i	1.0503+1.5286i	20.8192-45.1232i	-20.0811+48.1177i	12.6606-25.3879i	-9.1273+18.4029i
22.5	1.6967+1.8391i	1.7276+1.8080i	1.0616+1.3394i	1.0403+1.3591i	22.2093-42.3805i	-21.7461+44.8586i	13.5380-23.9452i	-9.8051+17.1981i
22.6	1.6725+1.6668i	1.7043+1.6437i	1.0379+1.2269i	1.0178+1.2463i	23.6924-40.9217i	-23.7975+42.8923i	14.5121-23.2640i	-10.6631+16.4462i
22.7	1.6239+1.5247i	1.6554+1.5105i	0.9969+1.1366i	0.9774+1.1557i	25.6130-40.0587i	-26.1385+41.7198i	15.6277-22.9177i	-11.6275+16.0150i
22.8	1.5407+1.3890i	1.5749+1.3765i	0.9325+1.0542i	0.9127+1.0735i	28.2553-40.5490i	-29.3593+41.9350i	17.1128-23.3338i	-12.9219+16.1520i
22.9	1.4681+1.2814i	1.5049+1.2700i	0.8767+0.9892i	0.8557+1.0087i	30.5043-41.0067i	-32.3602+42.2487i	18.5336-23.7023i	-14.1220+16.3174i
23.0	1.4027+1.1663i	1.4461+1.1581i	0.8261+0.9253i	0.8044+0.9449i	32.7409-42.0477i	-35.4387+43.5793i	19.8527-24.4766i	-15.3837+16.9068i
23.1	1.3172+1.1186i	1.3660+1.1073i	0.7647+0.9057i	0.7421+0.9256i	34.8249-44.1531i	-38.0873+46.0249i	21.0161-25.7959i	-16.4560+17.9454i
23.2	1.2201+1.0705i	1.2707+1.0507i	0.6966+0.8898i	0.6727+0.9107i	36.8308-47.3554i	-40.3221+49.6812i	22.0737-27.7708i	-17.3280+19.4354i
23.3	1.1531+1.0597i	1.2010+1.0275i	0.6545+0.9029i	0.6289+0.9251i	37.1278-51.7503i	-41.0081+54.9673i	22.1469-30.4820i	-17.6031+21.5894i
23.4	1.0845+1.0609i	1.1275+1.0156i	0.6142+0.9264i	0.5895+0.9540i	37.0322-57.3348i	-40.8312+61.2621i	21.9339-33.8793i	-17.5252+24.1379i
23.5	1.0391+1.0921i	1.0687+1.0374i	0.5979+0.9697i	0.5742+1.0009i	34.6281-62.6063i	-37.7478+67.7697i	20.2731-37.2081i	-16.2713+26.8027i
23.6	1.0160+1.1138i	1.0263+1.0515i	0.5987+0.9993i	0.5772+1.0332i	30.7747-66.4075i	-33.5223+72.5782i	17.7996-39.4784i	-14.5762+28.7700i
23.7	1.0149+1.1645i	1.0020+1.0986i	0.6290+1.0479i	0.6103+1.0848i	24.1728-70.6091i	-25.6766+77.5541i	13.6620-41.8902i	-11.3933+30.8165i
23.8	1.0256+1.2032i	0.9932+1.1466i	0.6560+1.0805i	0.6410+1.1205i	19.3534-72.9183i	-19.9477+79.3969i	10.6672-43.0353i	-9.0778+31.5055i
23.9	1.0899+1.2190i	1.0394+1.1826i	0.7241+1.0888i	0.7130+1.1293i	13.0081-72.3279i	-12.4897+78.3801i	6.8035-42.4948i	-6.0789+31.1009i
24.0	1.1496+1.1982i	1.0872+1.1882i	0.7861+1.0662i	0.7815+1.1045i	7.2399-69.3085i	-5.7296+75.0417i	3.3373-40.5357i	-3.3636+29.8083i
24.1	1.2017+1.2010i	1.1351+1.2136i	0.8417+1.0664i	0.8409+1.1039i	1.8852-68.1795i	-0.3245+73.6471i	0.2732-39.7565i	-1.2502+29.2517i
24.2	1.2498+1.1703i	1.1923+1.2002i	0.8893+1.0375i	0.8902+1.0725i	-1.2656-65.2818i	3.1208+70.6685i	-1.5276-37.9819i	0.1239+28.1050i
24.3	1.3158+1.0989i	1.2727+1.1513i	0.9545+0.9692i	0.9580+1.0018i	-5.1250-59.9510i	7.8905+64.3661i	-3.8506-34.6996i	2.0526+25.6008i
24.4	1.3488+1.0531i	1.3166+1.1194i	0.9873+0.9289i	0.9919+0.9599i	-6.9879-57.1072i	9.9269+60.7885i	-4.8986-32.8564i	2.8625+24.1615i
24.5	1.3697+0.9953i	1.3530+1.0728i	1.0074+0.8781i	1.0123+0.9084i	-7.5474-54.0971i	10.6962+57.0003i	-5.1271-31.0230i	3.1961+22.6280i

24.6	1.3867+0.9296i	1.3848+1.0110i	1.0257+0.8178i	1.0330+0.8481i	-8.4544-50.5500i	11.9749+52.8011i	-5.6681-28.9152i	3.7168+20.9468i
24.7	1.3909+0.8682i	1.4057+0.9501i	1.0325+0.7632i	1.0416+0.7913i	-8.4280-47.3350i	11.5530+49.0723i	-5.5202-26.9795i	3.5051+19.4843i
24.8	1.4032+0.8161i	1.4317+0.9005i	1.0454+0.7165i	1.0561+0.7428i	-8.6859-44.5118i	12.0350+45.6631i	-5.6711-25.2251i	3.7102+18.1102i
24.9	1.3903+0.7533i	1.4332+0.8319i	1.0371+0.6613i	1.0486+0.6855i	-7.8939-42.1607i	11.0264+42.2313i	-5.1206-23.7999i	3.3035+16.7192i
25.0	1.3846+0.7026i	1.4391+0.7767i	1.0341+0.6161i	1.0472+0.6393i	-7.6529-40.1119i	10.1755+39.4183i	-4.8894-22.5272i	2.9192+15.5674i
25.1	1.3757+0.6583i	1.4399+0.7254i	1.0280+0.5760i	1.0423+0.5971i	-7.2075-37.5875i	9.3379+37.3255i	-4.5619-21.1240i	2.5438+14.7898i
25.2	1.3683+0.6201i	1.4380+0.6818i	1.0221+0.5422i	1.0376+0.5618i	-6.6127-35.8561i	8.7433+35.4796i	-4.2064-20.1105i	2.3049+14.0893i
25.3	1.3629+0.5572i	1.4387+0.6097i	1.0159+0.4868i	1.0334+0.5033i	-5.8741-32.9369i	7.7313+32.4786i	-3.6788-18.4076i	1.8746+12.9348i
25.4	1.3415+0.5191i	1.4214+0.5657i	0.9979+0.4550i	1.0163+0.4681i	-4.2480-30.8037i	6.5166+31.3302i	-2.7400-17.3089i	1.4272+12.5670i
25.5	1.3099+0.4937i	1.3928+0.5309i	0.9715+0.4319i	0.9897+0.4428i	-1.8875-29.8930i	4.9685+30.4842i	-1.3983-16.8181i	0.8887+12.2705i
25.6	1.2911+0.4613i	1.3769+0.4922i	0.9549+0.4042i	0.9732+0.4122i	0.3092-28.5420i	3.9436+28.9969i	-0.2128-16.0294i	0.5646+11.7032i
25.7	1.2686+0.4263i	1.3575+0.4494i	0.9349+0.3744i	0.9530+0.3783i	2.9419-28.0573i	2.6039+27.0765i	1.2519-15.6492i	0.1309+10.8544i
25.8	1.2562+0.4015i	1.3469+0.4176i	0.9230+0.3541i	0.9404+0.3546i	4.7833-28.2402i	1.4714+25.9026i	2.3011-15.6705i	-0.2678+10.3115i
25.9	1.2448+0.3848i	1.3375+0.3966i	0.9144+0.3410i	0.9310+0.3387i	6.1130-28.3762i	1.1903+25.1041i	2.9807-15.7150i	-0.3092+9.9354i
26.0	1.2214+0.3600i	1.3163+0.3638i	0.8949+0.3202i	0.9092+0.3147i	8.6919-29.8751i	-0.1063+23.1913i	4.3659-16.3543i	-0.7335+8.9362i
26.1	1.2035+0.3292i	1.2970+0.3243i	0.8772+0.2946i	0.8882+0.2863i	10.1265-31.6386i	-2.8893+20.4250i	5.3261-16.9893i	-1.9623+7.5306i
26.2	1.1766+0.3105i	1.2684+0.2996i	0.8540+0.2797i	0.8618+0.2697i	9.9905-33.3379i	-6.3136+19.2972i	5.5526-17.7355i	-3.5994+6.9107i
26.3	1.1585+0.2923i	1.2479+0.2760i	0.8378+0.2653i	0.8421+0.2532i	9.9710-34.1315i	-9.3356+18.4263i	5.7697-18.0566i	-5.0569+6.4704i
26.4	1.1417+0.2708i	1.2292+0.2480i	0.8210+0.2473i	0.8219+0.2335i	10.6721-34.1733i	-12.9750+17.6419i	6.4017-18.0200i	-6.7671+6.1474i
26.5	1.1262+0.2579i	1.2112+0.2297i	0.8068+0.2368i	0.8047+0.2230i	10.6328-34.6207i	-15.9668+18.1793i	6.6785-18.3029i	-8.1989+6.4198i
26.6	1.1048+0.2457i	1.1852+0.2132i	0.7872+0.2300i	0.7814+0.2162i	10.5532-35.4819i	-19.2394+19.8580i	6.8888-18.8887i	-9.7454+7.2177i
26.7	1.0843+0.2273i	1.1618+0.1918i	0.7671+0.2174i	0.7573+0.2027i	11.7193-35.7130i	-23.2209+20.5652i	7.7905-19.0572i	-11.5778+7.6139i
26.8	1.0754+0.2151i	1.1522+0.1759i	0.7590+0.2082i	0.7466+0.1936i	12.1643-35.8752i	-25.2590+21.3493i	8.2020-19.1966i	-12.5286+8.0187i
26.9	1.0660+0.2076i	1.1414+0.1662i	0.7499+0.2033i	0.7345+0.1907i	12.3374-36.4880i	-27.3465+22.4649i	8.4805-19.5860i	-13.5103+8.5340i
27.0	1.0440+0.1943i	1.1196+0.1495i	0.7306+0.1956i	0.7103+0.1855i	12.9556-37.6802i	-31.4356+25.0485i	9.1465-20.4009i	-15.4308+9.7601i
27.1	1.0231+0.1833i	1.0965+0.1337i	0.7119+0.1898i	0.6872+0.1825i	13.5876-38.7127i	-35.0317+28.0448i	9.7510-21.1665i	-17.1002+11.1993i
27.2	1.0028+0.1763i	1.0768+0.1232i	0.6944+0.1895i	0.6671+0.1860i	14.2326-40.0534i	-38.1922+32.4704i	10.3633-22.1977i	-18.5503+13.3063i
27.3	0.9821+0.1785i	1.0578+0.1205i	0.6756+0.1955i	0.6463+0.1978i	15.4908-41.7347i	-41.3262+37.9566i	11.2709-23.4745i	-19.9243+15.8896i
27.4	0.9599+0.1769i	1.0339+0.1100i	0.6556+0.2024i	0.6268+0.2091i	16.8480-44.7162i	-43.2228+45.5339i	12.1368-25.6120i	-20.6788+19.4419i
27.5	0.9506+0.1757i	1.0211+0.1016i	0.6477+0.2046i	0.6206+0.2122i	17.4630-46.2323i	-43.0917+49.8487i	12.4385-26.7704i	-20.5512+21.4843i
27.6	0.9304+0.1814i	0.9998+0.0984i	0.6321+0.2181i	0.6033+0.2307i	18.3935-50.4659i	-44.1772+58.2436i	13.0395-29.6138i	-20.9301+25.3311i
27.7	0.9176+0.1892i	0.9841+0.0964i	0.6234+0.2334i	0.5939+0.2494i	18.1652-54.8114i	-43.7321+66.4051i	12.9040-32.4253i	-20.6423+29.0218i
27.8	0.9127+0.2002i	0.9688+0.0984i	0.6265+0.2517i	0.5995+0.2714i	15.0729-59.7429i	-37.7987+75.2742i	10.9027-35.6486i	-17.8394+33.0183i
27.9	0.9110+0.2158i	0.9583+0.1038i	0.6336+0.2728i	0.6110+0.2970i	11.4063-64.9978i	-30.7291+84.0367i	8.5452-39.0426i	-14.5324+36.9231i
28.0	0.9185+0.2308i	0.9575+0.1112i	0.6506+0.2872i	0.6339+0.3136i	6.4829-67.7956i	-21.7642+88.5188i	5.3758-40.8464i	-10.4302+38.8343i
28.1	0.9332+0.2401i	0.9513+0.1156i	0.6789+0.2999i	0.6684+0.3272i	-2.6392-71.2656i	-7.1329+93.6299i	-0.4138-43.0929i	-3.7737+41.0297i
28.2	0.9497+0.2410i	0.9497+0.1128i	0.7022+0.3009i	0.6939+0.3275i	-9.4009-72.6880i	3.2553+95.2138i	-4.6294-43.9739i	0.8832+41.6687i
28.3	0.9731+0.2343i	0.9572+0.1074i	0.7306+0.2864i	0.7225+0.3091i	-16.0067-69.3034i	12.9316+89.7734i	-8.7420-41.8852i	5.1441+39.1436i
28.4	0.9872+0.2252i	0.9526+0.1032i	0.7516+0.2744i	0.7453+0.2955i	-22.6918-66.7164i	22.9844+86.1011i	-12.9150-40.3424i	9.6401+37.4638i
28.5	1.0018+0.2056i	0.9523+0.0941i	0.7696+0.2515i	0.7657+0.2716i	-27.9015-62.2130i	31.2636+79.2975i	-16.2041-37.5860i	13.3360+34.3632i
28.6	1.0168+0.1896i	0.9565+0.0890i	0.7865+0.2295i	0.7821+0.2473i	-31.3193-57.0342i	36.4805+71.2570i	-18.3292-34.3686i	15.6186+30.7115i
28.7	1.0219+0.1694i	0.9530+0.0811i	0.7910+0.2067i	0.7862+0.2236i	-33.0842-52.5701i	38.5222+64.2793i	-19.4014-31.5852i	16.4622+27.5542i
28.8	1.0229+0.1478i	0.9487+0.0712i	0.7902+0.1819i	0.7846+0.1989i	-33.6708-48.0938i	39.1665+57.3139i	-19.7750-28.7918i	16.6979+24.4289i
28.9	1.0250+0.1242i	0.9480+0.0611i	0.7915+0.1568i	0.7855+0.1727i	-34.3817-43.2769i	39.6850+49.9725i	-20.2265-25.8341i	16.8611+21.1586i
29.0	1.0222+0.1078i	0.9425+0.0520i	0.7861+0.1382i	0.7801+0.1544i	-33.9304-39.9075i	38.4621+44.9549i	-19.9373-23.7367i	16.2682+18.9395i
29.1	1.0164+0.0878i	0.9380+0.0436i	0.7790+0.1196i	0.7728+0.1352i	-33.2462-36.5432i	36.6745+40.1459i	-19.4531-21.6626i	15.4128+16.8195i
29.2	1.0115+0.0707i	0.9329+0.0351i	0.7731+0.1022i	0.7665+0.1176i	-32.8964-33.2654i	35.2588+35.8139i	-19.1703-19.6770i	14.7102+14.9127i
29.3	1.0082+0.0580i	0.9285+0.0282i	0.7673+0.0900i	0.7602+0.1061i	-32.2038-31.3285i	33.6665+33.4967i	-18.7397-18.5012i	13.9589+13.9068i
29.4	1.0021+0.0422i	0.9259+0.0198i	0.7614+0.0747i	0.7535+0.0920i	-31.4894-28.6149i	31.9681+30.3990i	-18.2632-16.9358i	13.1651+12.6152i
29.5	0.9960+0.0244i	0.9204+0.0087i	0.7526+0.0586i	0.7447+0.0763i	-30.1068-26.0767i	29.7012+27.5388i	-17.4038-15.4791i	12.1290+11.4188i
29.6	0.9947+0.0123i	0.9181+0.0046i	0.7471+0.0488i	0.7398+0.0665i	-28.9241-24.1826i	27.8043+25.4892i	-16.6727-14.3456i	11.2655+10.5339i
29.7	0.9905+0.0021i	0.9151-0.0017i	0.7413+0.0398i	0.7346+0.0588i	-27.9046-22.8760i	26.2435+24.2582i	-16.0432-13.5871i	10.5700+10.0286i
29.8	0.9847-0.0149i	0.9128-0.0110i	0.7342+0.0268i	0.7283+0.0470i	-26.4897-21.3090i	24.2244+22.7965i	-15.1504-12.6979i	9.6517+9.4607i
29.9	0.9748-0.0288i	0.9091-0.0177i	0.7265+0.0161i	0.7203+0.0372i	-25.3415-19.8158i	22.6534+21.4629i	-14.4649-11.8556i	8.9581+8.9522i
30.0	0.9643-0.0365i	0.9060-0.0208i	0.7182+0.0097i	0.7126+0.0311i	-24.1179-18.6117i	20.8242+20.4183i	-13.7096-11.1679i	8.1410+8.5248i
30.1	0.9546-0.0424i	0.9023-0.0270i	0.7098+0.0038i	0.7051+0.0258i	-22.9507-17.8572i	19.1557+19.9094i	-13.0033-10.7781i	7.4078+8.3390i
30.2	0.9514-0.0489i	0.9035-0.0337i	0.7053-0.0028i	0.7021+0.0195i	-21.8553-16.8325i	17.6887+19.1107i	-12.3350-10.2211i	6.7521+8.0344i
30.3	0.9473-0.0534i	0.9064-0.0436i	0.7010-0.0107i	0.6999+0.0114i	-20.6131-15.4072i	16.1016+18.0813i	-11.5620-9.4455i	6.0504+7.6540i
30.4	0.9461-0.0547i	0.9043-0.0514i	0.6957-0.0148i	0.6966+0.0061i	-19.2296-14.6649i	14.8237+17.5845i	-10.7868-9.0332i	5.5363+7.4861i
30.5	0.9530-0.0626i	0.9049-0.0610i	0.6943-0.0209i	0.6965-0.0012i	-17.8660-14.1894i	13.6134+17.3333i	-9.9990-8.7847i	5.0251+7.3974i
30.6	0.9548-0.0783i	0.9010-0.0730i	0.6903-0.0305i	0.6929-0.0120i	-16.6535-13.6638i	12.2748+16.8956i	-9.2973-8.5144i	4.4670+7.2445i
30.7	0.9518-0.0926i	0.8954-0.0832i	0.6850-0.0385i	0.6877-0.0211i	-15.6398-13.4817i	11.0724+16.7312i	-8.7043-8.4456i	3.9543+7.2154i
30.8	0.9537-0.1093i	0.8960-0.0981i	0.6829-0.0491i	0.6856-0.0330i	-14.2056-13.3457i	9.3039+16.8570i	-7.8302-8.4630i	3.1609+7.3383i

30.9	0.9503-0.1172i	0.8942-0.1047i	0.6792-0.0541i	0.6815-0.0392i	-13.2376-13.1272i	8.0915+16.8370i	-7.2596-8.3910i	2.6253+7.3637i
31.0	0.9452-0.1279i	0.8876-0.1121i	0.6730-0.0604i	0.6751-0.0466i	-12.3911-12.9211i	7.0946+16.7681i	-6.8071-8.3104i	2.2349+7.3940i
31.1	0.9429-0.1324i	0.8844-0.1142i	0.6690-0.0631i	0.6706-0.0495i	-11.4726-12.5650i	6.0234+16.6681i	-6.2840-8.1679i	1.8147+7.3703i
31.2	0.9464-0.1375i	0.8852-0.1196i	0.6689-0.0669i	0.6701-0.0543i	-10.6275-12.3950i	5.0432+16.7283i	-5.7801-8.1045i	1.3876+7.4283i
31.3	0.9576-0.1546i	0.8894-0.1386i	0.6715-0.0795i	0.6720-0.0685i	-9.3483-12.2328i	3.7004+16.9872i	-5.0473-8.1189i	0.8177+7.6690i
31.4	0.9534-0.1636i	0.8864-0.1463i	0.6679-0.0849i	0.6675-0.0738i	-8.6607-12.2496i	2.9950+17.2785i	-4.6607-8.1605i	0.5302+7.8235i
31.5	0.9502-0.1778i	0.8819-0.1530i	0.6642-0.0918i	0.6625-0.0806i	-7.8980-12.1425i	2.2827+17.3500i	-4.2504-8.1428i	0.2816+7.8819i
31.6	0.9784-0.2016i	0.8940-0.1747i	0.6744-0.1070i	0.6717-0.0958i	-6.2007-12.4592i	0.5292+18.2515i	-3.2816-8.5147i	-0.4960+8.4030i
31.7	0.9879-0.2256i	0.8965-0.1886i	0.6766-0.1194i	0.6737-0.1078i	-5.3688-12.6920i	-0.2401+18.8706i	-2.8193-8.7448i	-0.8079+8.7577i
31.8	0.9951-0.2617i	0.8985-0.2116i	0.6784-0.1386i	0.6745-0.1269i	-4.4081-13.2053i	-1.1234+19.6867i	-2.2703-9.1865i	-1.1504+9.2222i
31.9	0.9867-0.2996i	0.8921-0.2369i	0.6719-0.1590i	0.6674-0.1471i	-3.6976-13.8009i	-1.8078+20.6285i	-1.9437-9.6883i	-1.3852+9.7321i
32.0	0.9667-0.3388i	0.8811-0.2622i	0.6602-0.1796i	0.6554-0.1674i	-3.0973-14.5184i	-2.1426+21.9408i	-1.7060-10.2704i	-1.4357+10.4349i
32.1	0.9433-0.3728i	0.8626-0.2805i	0.6453-0.1966i	0.6403-0.1844i	-2.6661-15.0442i	-2.2399+22.7595i	-1.6005-10.6780i	-1.3295+10.9011i
32.2	0.9206-0.4140i	0.8512-0.3022i	0.6330-0.2166i	0.6275-0.2040i	-2.2317-15.5640i	-2.5435+23.5263i	-1.4515-11.0958i	-1.3557+11.3232i
32.3	0.8884-0.4612i	0.8337-0.3361i	0.6149-0.2428i	0.6090-0.2300i	-1.6818-16.5120i	-2.8815+25.0294i	-1.3822-11.8426i	-1.3390+12.1257i
32.4	0.8566-0.4894i	0.8082-0.3561i	0.5943-0.2575i	0.5883-0.2442i	-1.3363-17.4663i	-2.6507+26.4312i	-1.4810-12.5259i	-1.0002+12.8257i
32.5	0.8142-0.4874i	0.7843-0.3523i	0.5721-0.2555i	0.5658-0.2425i	-1.2880-17.4513i	-2.2610+26.3499i	-1.6560-12.4493i	-0.6062+12.7459i
32.6	0.7700-0.4946i	0.7530-0.3608i	0.5465-0.2605i	0.5397-0.2467i	-1.3773-17.9439i	-1.4541+26.9791i	-2.0363-12.7523i	0.0285+13.0270i
32.7	0.7178-0.4907i	0.7143-0.3641i	0.5159-0.2600i	0.5073-0.2460i	-1.3727-18.4031i	-0.6363+27.4687i	-2.4546-12.9732i	0.7336+13.2194i
32.8	0.6783-0.4699i	0.6807-0.3522i	0.4906-0.2494i	0.4810-0.2338i	-1.4688-18.6239i	0.0394+27.4795i	-2.8956-12.9066i	1.3436+13.0877i
32.9	0.6263-0.4434i	0.6389-0.3294i	0.4586-0.2330i	0.4476-0.2150i	-1.6762-18.7400i	1.0236+26.8330i	-3.4511-12.5896i	2.1687+12.4655i
33.0	0.5939-0.4257i	0.6079-0.3169i	0.4368-0.2239i	0.4248-0.2054i	-1.8894-18.6678i	1.6481+26.1991i	-3.8957-12.4196i	2.7519+12.0494i
33.1	0.5658-0.3993i	0.5860-0.2960i	0.4186-0.2081i	0.4063-0.1877i	-1.7269-18.7088i	1.5631+25.8008i	-4.0248-12.1693i	2.9293+11.6289i
33.2	0.5520-0.3693i	0.5667-0.2721i	0.4056-0.1902i	0.3933-0.1684i	-1.4326-18.6053i	1.2496+25.1593i	-4.0593-11.7822i	2.9832+11.0816i
33.3	0.5476-0.3295i	0.5566-0.2360i	0.3990-0.1635i	0.3862-0.1401i	-0.7900-18.7071i	0.3938+24.7550i	-3.8522-11.3696i	2.7843+10.4694i
33.4	0.5471-0.2909i	0.5529-0.1969i	0.3955-0.1364i	0.3824-0.1108i	-0.1852-18.8080i	-0.4246+24.4317i	-3.6523-10.9760i	2.5651+9.9172i
33.5	0.5744-0.2715i	0.5769-0.1682i	0.4111-0.1187i	0.3995-0.0883i	0.5705-19.5628i	-1.6418+25.1588i	-3.0716-10.9890i	1.9118+9.7933i
33.6	0.5847-0.2460i	0.5930-0.1355i	0.4188-0.0977i	0.4094-0.0645i	0.8010-19.9863i	-2.2587+25.6165i	-2.8269-10.8310i	1.5706+9.5664i
33.7	0.6323-0.1972i	0.6400-0.0858i	0.4492-0.0599i	0.4435-0.0234i	1.7287-21.1283i	-3.5352+27.0804i	-2.0137-10.8247i	0.7463+9.5073i
33.8	0.6744-0.1777i	0.6834-0.0585i	0.4782-0.0400i	0.4757-0.0020i	1.9203-22.1747i	-3.8236+28.3819i	-1.5269-10.9456i	0.2784+9.6226i
33.9	0.7225-0.1602i	0.7327-0.0363i	0.5131-0.0262i	0.5128+0.0124i	1.6537-22.3241i	-3.5757+28.4268i	-1.2379-10.6246i	-0.0564+9.2982i
34.0	0.7796-0.1626i	0.7963-0.0365i	0.5561-0.0264i	0.5581+0.0132i	1.6968-22.8133i	-3.6103+28.9258i	-0.6756-10.7476i	-0.5829+9.3286i
34.1	0.8391-0.2046i	0.8590-0.0826i	0.5983-0.0551i	0.6051-0.0164i	1.6923-23.6268i	-3.6238+29.8379i	-0.1291-11.3285i	-1.1789+9.8135i
34.2	0.8815-0.2602i	0.8980-0.1366i	0.6271-0.0925i	0.6369-0.0540i	1.7293-24.4162i	-3.7679+30.6620i	0.3086-12.0382i	-1.6242+10.3679i
34.3	0.9230-0.3098i	0.9259-0.1767i	0.6502-0.1219i	0.6603-0.0842i	2.4685-25.4320i	-4.8477+31.5195i	0.9891-12.6709i	-2.3168+10.7625i
34.4	0.9418-0.3836i	0.9398-0.2350i	0.6609-0.1651i	0.6734-0.1273i	2.4430-27.0181i	-5.0260+33.4727i	1.2331-13.7431i	-2.6875+11.7837i
34.5	0.9470-0.4484i	0.9488-0.2813i	0.6657-0.2015i	0.6821-0.1637i	2.0840-28.2388i	-4.7416+35.1153i	1.2395-14.6305i	-2.8029+12.6048i
34.6	0.9397-0.5096i	0.9440-0.3240i	0.6608-0.2347i	0.6805-0.1986i	1.7586-29.3711i	-4.5133+36.6800i	1.1083-15.4005i	-2.8111+13.4009i
34.7	0.9214-0.5916i	0.9327-0.3755i	0.6523-0.2760i	0.6747-0.2411i	0.9403-31.4370i	-3.6573+39.5081i	0.7785-16.7397i	-2.6028+14.7399i
34.8	0.8922-0.6537i	0.9205-0.4093i	0.6394-0.3058i	0.6645-0.2735i	-0.0565-32.7038i	-2.6118+41.2530i	0.3233-17.5593i	-2.2629+15.5958i
34.9	0.8339-0.7013i	0.8892-0.4360i	0.6112-0.3299i	0.6372-0.3001i	-1.4366-33.4061i	-0.5881+42.4614i	-0.5259-18.1058i	-1.4134+16.2978i
35.0	0.7740-0.7608i	0.8675-0.4660i	0.5873-0.3579i	0.6155-0.3309i	-3.3803-34.6699i	2.0162+44.4040i	-1.5337-18.9443i	-0.4447+17.2631i
35.1	0.7119-0.7914i	0.8570-0.4817i	0.5672-0.3733i	0.5974-0.3478i	-5.3369-35.1074i	4.7746+45.3207i	-2.5368-19.3066i	0.5995+17.7665i
35.2	0.6214-0.8037i	0.8351-0.4902i	0.5338-0.3799i	0.5649-0.3572i	-7.6126-35.0649i	8.2694+45.5054i	-3.8217-19.3864i	2.0753+17.9837i
35.3	0.5582-0.7853i	0.8213-0.4903i	0.5111-0.3749i	0.5431-0.3561i	-9.2544-34.3157i	10.7587+44.5176i	-4.7525-19.0281i	3.1115+17.6611i
35.4	0.4860-0.7465i	0.8065-0.4919i	0.4863-0.3658i	0.5175-0.3507i	-11.3038-32.8171i	13.9946+42.3040i	-5.9152-18.2788i	4.4542+16.8454i
35.5	0.4584-0.7046i	0.8077-0.4967i	0.4792-0.3569i	0.5096-0.3434i	-11.9934-31.5074i	15.2435+40.0992i	-6.3141-17.5928i	4.9685+15.9983i
35.6	0.4436-0.6658i	0.8262-0.5112i	0.4827-0.3524i	0.5123-0.3418i	-12.5599-30.1424i	16.3811+37.9166i	-6.5167-16.9216i	5.4007+15.2013i
35.7	0.4555-0.6222i	0.8451-0.5291i	0.4926-0.3477i	0.5214-0.3391i	-12.2044-28.7047i	16.2264+35.4998i	-6.2773-16.2004i	5.3529+14.2681i
35.8	0.4870-0.6039i	0.8655-0.5570i	0.5082-0.3528i	0.5375-0.3463i	-11.6049-28.0952i	15.4026+34.0484i	-5.8632-15.9401i	4.9697+13.6822i
35.9	0.5269-0.6089i	0.8725-0.6064i	0.5219-0.3739i	0.5485-0.3688i	-10.6972-27.9012i	13.9467+32.7559i	-5.3074-15.9680i	4.3346+13.2259i
36.0	0.5584-0.6387i	0.8680-0.6545i	0.5290-0.4012i	0.5538-0.3950i	-9.9474-28.5617i	12.5271+32.7447i	-4.9343-16.4227i	3.7190+13.2343i
36.1	0.5700-0.6813i	0.8577-0.7025i	0.5275-0.4321i	0.5528-0.4260i	-9.7785-29.0525i	11.4625+32.8313i	-4.8800-16.8223i	3.2729+13.3286i
36.2	0.5454-0.7641i	0.8102-0.7586i	0.5023-0.4772i	0.5277-0.4720i	-10.5853-30.1985i	11.3885+34.1326i	-5.4584-17.6548i	3.2572+14.0026i
36.3	0.4847-0.8311i	0.7599-0.7957i	0.4656-0.5097i	0.4910-0.5070i	-11.9976-31.0903i	12.1838+35.5411i	-6.3129-18.2598i	3.5523+14.7536i
36.4	0.4082-0.8653i	0.7300-0.8303i	0.4324-0.5314i	0.4579-0.5314i	-13.6301-31.3805i	13.5041+36.4159i	-7.2273-18.5290i	4.0260+15.2404i
36.5	0.3194-0.8576i	0.6913-0.8417i	0.3924-0.5327i	0.4175-0.5342i	-15.0574-30.8125i	14.9438+36.5031i	-8.1250-18.2248i	4.6404+15.3698i
36.6	0.2569-0.8258i	0.6486-0.8415i	0.3581-0.5233i	0.3822-0.5258i	-16.0415-29.9237i	16.2765+35.9989i	-8.8024-17.7303i	5.3071+15.2678i
36.7	0.1978-0.7806i	0.6233-0.8434i	0.3319-0.5108i	0.3542-0.5152i	-16.9112-28.7325i	17.4689+34.9720i	-9.3332-17.1134i	5.8679+14.9285i
36.8	0.1688-0.7291i	0.6034-0.8580i	0.3171-0.5012i	0.3373-0.5070i	-17.2449-27.6253i	18.1898+33.9590i	-9.5547-16.5200i	6.2179+14.5771i
36.9	0.1644-0.7006i	0.5850-0.8738i	0.3092-0.4992i	0.3279-0.5049i	-17.0495-27.1546i	18.2326+33.3025i	-9.5487-16.2409i	6.3296+14.3341i
37.0	0.1744-0.6850i	0.5706-0.9131i	0.3067-0.5078i	0.3257-0.5166i	-16.8132-27.1336i	17.9777+33.4054i	-9.4288-16.2845i	6.2216+14.4446i
37.1	0.1751-0.6598i	0.5373-0.9455i	0.2958-0.5112i	0.3115-0.5218i	-16.8223-26.9064i	18.1824+33.3430i	-9.4676-16.1909i	6.3828+14.4709i

37.2	0.1751-0.6379i	0.4985-0.9675i	0.2830-0.5129i	0.2947-0.5232i	-16.9054-26.6629i	18.5835+33.1636i	-9.5467-16.1082i	6.6307+14.4557i
37.3	0.1834-0.6279i	0.4466-1.0003i	0.2687-0.5223i	0.2777-0.5313i	-17.1401-26.8210i	19.2319+33.1350i	-9.7478-16.2251i	6.9609+14.4746i
37.4	0.1984-0.6180i	0.3823-1.0271i	0.2527-0.5304i	0.2580-0.5379i	-17.4877-26.7960i	19.9334+32.7440i	-10.0268-16.2618i	7.3400+14.3569i
37.5	0.2038-0.6143i	0.3259-1.0278i	0.2353-0.5308i	0.2394-0.5370i	-17.9768-26.7364i	20.5420+32.2986i	-10.3107-16.2041i	7.6281+14.1608i
37.6	0.1898-0.6304i	0.2525-1.0120i	0.2045-0.5328i	0.2096-0.5357i	-19.0095-26.7298i	21.5271+31.7908i	-11.0205-16.2075i	8.1034+13.9067i
37.7	0.1668-0.6521i	0.1895-0.9897i	0.1730-0.5339i	0.1816-0.5342i	-20.2241-26.6489i	22.4635+31.3455i	-11.7865-16.1909i	8.5245+13.7039i
37.8	0.1542-0.6657i	0.1477-0.9595i	0.1529-0.5284i	0.1642-0.5295i	-21.0159-26.1515i	22.9338+30.7478i	-12.3020-15.9225i	8.7192+13.4653i
37.9	0.1333-0.6598i	0.1243-0.9232i	0.1374-0.5128i	0.1494-0.5182i	-21.5427-25.2718i	23.0686+29.9234i	-12.6359-15.3450i	8.7783+13.1375i
38.0	0.1199-0.6477i	0.1080-0.9012i	0.1270-0.5004i	0.1371-0.5084i	-21.8914-24.4304i	23.1628+29.2492i	-12.8786-14.8266i	8.8344+12.8998i
38.1	0.0964-0.6644i	0.0688-0.8779i	0.1069-0.4987i	0.1126-0.5065i	-22.2871-23.8924i	23.7923+28.8697i	-13.1663-14.5383i	9.1683+12.7751i
38.2	0.0560-0.6781i	0.0288-0.8579i	0.0814-0.4973i	0.0843-0.5042i	-23.0920-23.4257i	24.8059+28.4765i	-13.6962-14.2686i	9.6461+12.6394i
38.3	0.0188-0.6596i	0.0085-0.8300i	0.0623-0.4821i	0.0648-0.4886i	-23.7765-22.6750i	25.2468+27.6541i	-14.1004-13.8076i	9.8455+12.3014i
38.4	-0.0337-0.6371i	-0.0190-0.7982i	0.0355-0.4653i	0.0377-0.4707i	-24.5293-21.8279i	26.1025+26.4300i	-14.5800-13.2653i	10.2631+11.7376i
38.5	-0.0586-0.6086i	-0.0387-0.7676i	0.0202-0.4465i	0.0226-0.4512i	-24.9893-20.9096i	26.4443+25.3876i	-14.8939-12.6925i	10.4238+11.2917i
38.6	-0.0812-0.5859i	-0.0564-0.7381i	0.0065-0.4295i	0.0086-0.4336i	-25.3366-19.8107i	26.6993+24.4551i	-15.1488-12.0521i	10.5477+10.9147i
38.7	-0.0997-0.5547i	-0.0668-0.7122i	-0.0033-0.4108i	-0.0020-0.4151i	-25.4737-18.7914i	26.7936+23.4949i	-15.2527-11.4313i	10.6091+10.5223i
38.8	-0.1015-0.5275i	-0.0868-0.6853i	-0.0104-0.3936i	-0.0099-0.3983i	-25.6482-17.8810i	26.8063+22.4718i	-15.3518-10.8866i	10.6367+10.0920i
38.9	-0.1067-0.4950i	-0.0955-0.6562i	-0.0155-0.3743i	-0.0159-0.3779i	-25.6560-16.6995i	26.6250+21.5487i	-15.3750-10.1481i	10.5638+9.7154i
39.0	-0.1039-0.4673i	-0.0978-0.6315i	-0.0159-0.3572i	-0.0166-0.3607i	-25.4340-15.8333i	26.3980+20.7562i	-15.2380-9.6040i	10.4837+9.3983i
39.1	-0.0981-0.4509i	-0.1035-0.6085i	-0.0159-0.3444i	-0.0177-0.3478i	-25.1805-15.0069i	26.1897+20.1502i	-15.0875-9.1086i	10.4115+9.1752i
39.2	-0.0924-0.4293i	-0.1090-0.5862i	-0.0160-0.3305i	-0.0186-0.3338i	-24.9998-14.0383i	25.9256+19.4321i	-14.9668-8.5598i	10.3002+8.9070i
39.3	-0.0941-0.4134i	-0.1118-0.5701i	-0.0172-0.3203i	-0.0208-0.3233i	-24.6734-13.2777i	25.8773+18.8792i	-14.7865-8.0899i	10.3462+8.7050i
39.4	-0.0861-0.4063i	-0.1060-0.5448i	-0.0123-0.3101i	-0.0172-0.3116i	-24.1657-12.5596i	25.5196+18.5098i	-14.4997-7.6562i	10.2413+8.6017i
39.5	-0.0785-0.3934i	-0.1084-0.5260i	-0.0110-0.3009i	-0.0166-0.3010i	-23.8172-11.8689i	25.3144+18.0100i	-14.3050-7.2701i	10.1745+8.4283i
39.6	-0.0715-0.3813i	-0.1198-0.5077i	-0.0135-0.2920i	-0.0191-0.2909i	-23.4335-11.1695i	25.3344+17.3451i	-14.1013-6.8733i	10.2304+8.1506i
39.7	-0.0535-0.3959i	-0.1185-0.4832i	-0.0077-0.2898i	-0.0136-0.2872i	-22.9366-10.6088i	24.9674+16.9446i	-13.7909-6.5472i	10.1108+8.0063i
39.8	-0.0717-0.4113i	-0.1068-0.4609i	-0.0096-0.2881i	-0.0162-0.2844i	-22.5386-10.2151i	24.8407+16.7474i	-13.5716-6.3322i	10.1213+7.9570i
39.9	-0.1090-0.3990i	-0.0935-0.4480i	-0.0188-0.2808i	-0.0241-0.2757i	-22.1492-9.7859i	25.0846+16.3843i	-13.3766-6.0537i	10.3485+7.8139i
40.0	-0.1294-0.3862i	-0.0879-0.4438i	-0.0244-0.2757i	-0.0294-0.2698i	-21.7758-9.4468i	25.1871+16.0676i	-13.1805-5.8539i	10.4686+7.6886i
40.1	-0.1344-0.3499i	-0.0845-0.4372i	-0.0254-0.2629i	-0.0297-0.2556i	-21.3670-9.1575i	25.1275+15.3188i	-12.9532-5.6809i	10.5139+7.3114i
40.2	-0.1408-0.3281i	-0.0865-0.4327i	-0.0288-0.2548i	-0.0326-0.2466i	-21.0594-8.8732i	25.1974+14.7226i	-12.7907-5.5130i	10.6071+7.0125i
40.3	-0.1414-0.3105i	-0.0861-0.4212i	-0.0296-0.2456i	-0.0331-0.2372i	-20.7408-8.5615i	25.0420+14.0342i	-12.6049-5.2975i	10.5834+6.6648i
40.4	-0.1372-0.2890i	-0.0864-0.4169i	-0.0297-0.2378i	-0.0320-0.2289i	-20.3670-8.3375i	24.8764+13.4135i	-12.3997-5.1396i	10.5509+6.3603i
40.5	-0.1297-0.2672i	-0.0883-0.4113i	-0.0294-0.2285i	-0.0302-0.2196i	-20.0677-8.2054i	24.6221+12.8749i	-12.2320-5.0332i	10.4667+6.0739i
40.6	-0.1158-0.2488i	-0.0915-0.4037i	-0.0262-0.2197i	-0.0266-0.2114i	-19.8506-8.0718i	24.2871+12.3647i	-12.0815-4.9162i	10.3087+5.7986i
40.7	-0.0947-0.2278i	-0.0943-0.3808i	-0.0205-0.2054i	-0.0206-0.1969i	-19.4742-7.6451i	23.7733+11.6361i	-11.8381-4.6534i	10.0844+5.4487i
40.8	-0.0857-0.2382i	-0.0871-0.3698i	-0.0161-0.2060i	-0.0150-0.1968i	-19.0358-7.4550i	23.4671+11.3156i	-11.6024-4.5719i	9.9771+5.3026i
40.9	-0.0991-0.2379i	-0.0831-0.3648i	-0.0201-0.2041i	-0.0185-0.1953i	-18.8876-7.4691i	23.2844+11.0748i	-11.5333-4.5835i	9.9009+5.1769i
41.0	-0.1061-0.2122i	-0.0841-0.3570i	-0.0234-0.1928i	-0.0217-0.1845i	-18.7470-7.3161i	23.0173+10.5710i	-11.4508-4.4731i	9.7863+4.9052i
41.1	-0.1047-0.1904i	-0.0826-0.3494i	-0.0236-0.1830i	-0.0206-0.1757i	-18.4452-7.0582i	22.7456+10.0853i	-11.2727-4.3160i	9.6893+4.6581i
41.2	-0.1067-0.1789i	-0.0763-0.3509i	-0.0229-0.1808i	-0.0200-0.1725i	-18.2545-7.0047i	22.5566+9.7975i	-11.1650-4.2919i	9.6238+4.5018i
41.3	-0.0930-0.1598i	-0.0829-0.3482i	-0.0210-0.1731i	-0.0180-0.1654i	-18.2460-6.9168i	22.2994+9.4053i	-11.1531-4.2382i	9.4881+4.2738i
41.4	-0.0763-0.1463i	-0.0907-0.3319i	-0.0181-0.1624i	-0.0158-0.1562i	-18.2438-6.6017i	21.9143+8.9859i	-11.1272-4.0293i	9.2703+4.0841i
41.5	-0.0664-0.1327i	-0.0890-0.3154i	-0.0139-0.1529i	-0.0123-0.1467i	-17.9794-6.2109i	21.5705+8.6544i	-10.9869-3.7763i	9.1080+3.9559i
41.6	-0.0562-0.1178i	-0.0850-0.3079i	-0.0104-0.1463i	-0.0083-0.1401i	-17.6004-6.0593i	21.2159+8.2446i	-10.7735-3.6824i	8.9661+3.7583i
41.7	-0.0434-0.1186i	-0.0802-0.3032i	-0.0054-0.1443i	-0.0031-0.1388i	-17.3977-5.9905i	20.8645+8.1231i	-10.6347-3.6484i	8.7981+3.6969i
41.8	-0.0229-0.1068i	-0.0809-0.2941i	0.0003-0.1377i	0.0033-0.1318i	-17.2035-5.6662i	20.5944+7.8735i	-10.5179-3.4690i	8.6816+3.6023i
41.9	0.0043-0.1059i	-0.0724-0.2841i	0.0111-0.1350i	0.0145-0.1286i	-16.7872-5.5235i	20.1381+7.6853i	-10.2673-3.3761i	8.4839+3.5312i
42.0	0.0314-0.1192i	-0.0641-0.2741i	0.0233-0.1356i	0.0248-0.1299i	-16.5854-5.4665i	19.6207+7.5613i	-10.1169-3.3569i	8.2170+3.4752i
42.1	0.0211-0.1352i	-0.0581-0.2760i	0.0209-0.1416i	0.0224-0.1355i	-16.3452-5.3942i	19.4015+7.4907i	-10.0013-3.3551i	8.1438+3.4639i
42.2	0.0250-0.1353i	-0.0534-0.2679i	0.0237-0.1383i	0.0248-0.1330i	-16.2125-5.2454i	19.1638+7.2814i	-9.9274-3.2368i	8.0314+3.3789i
42.3	0.0277-0.1439i	-0.0493-0.2612i	0.0265-0.1385i	0.0261-0.1326i	-16.1525-5.3010i	18.8281+7.1532i	-9.8854-3.2418i	7.8748+3.2955i
42.4	0.0111-0.1453i	-0.0335-0.2657i	0.0255-0.1412i	0.0255-0.1343i	-15.9754-5.2559i	18.5406+7.2156i	-9.8094-3.2428i	7.7610+3.3405i
42.5	0.0126-0.1307i	-0.0312-0.2701i	0.0266-0.1381i	0.0266-0.1312i	-15.9065-5.0340i	18.3197+7.1143i	-9.7591-3.0828i	7.6413+3.3159i
42.6	0.0260-0.1063i	-0.0409-0.2623i	0.0273-0.1268i	0.0274-0.1198i	-15.8539-4.7095i	18.0505+6.7889i	-9.7435-2.8874i	7.4945+3.1724i
42.7	0.0356-0.1007i	-0.0472-0.2627i	0.0270-0.1246i	0.0279-0.1180i	-15.6008-4.6467i	18.0228+6.5497i	-9.6110-2.8513i	7.5262+3.0348i
42.8	0.0572-0.1067i	-0.0510-0.2570i	0.0329-0.1247i	0.0333-0.1184i	-15.3525-4.4857i	17.8292+6.3737i	-9.4290-2.7715i	7.4464+2.9587i
42.9	0.0719-0.1273i	-0.0460-0.2506i	0.0394-0.1294i	0.0391-0.1221i	-15.1165-4.4136i	17.4773+6.3205i	-9.2472-2.7569i	7.2823+2.9550i
43.0	0.0575-0.1460i	-0.0429-0.2543i	0.0350-0.1366i	0.0354-0.1294i	-14.8895-4.3960i	17.2307+6.4152i	-9.1676-2.7234i	7.1889+3.0290i
43.1	0.0422-0.1275i	-0.0461-0.2525i	0.0285-0.1301i	0.0296-0.1218i	-14.8094-4.1657i	17.1866+6.3129i	-9.1436-2.6108i	7.1908+2.9972i
43.2	0.0580-0.1008i	-0.0450-0.2355i	0.0339-0.1156i	0.0352-0.1077i	-14.6807-3.8739i	16.9178+5.9279i	-9.0535-2.4074i	7.0509+2.8199i
43.3	0.0759-0.0977i	-0.0441-0.2256i	0.0401-0.1108i	0.0414-0.1042i	-14.4710-3.7418i	16.6009+5.6957i	-8.9197-2.3420i	6.8916+2.6959i
43.4	0.0926-0.0975i	-0.0430-0.2177i	0.0460-0.1081i	0.0468-0.1025i	-14.1871-3.6710i	16.3597+5.5707i	-8.7804-2.3154i	6.7968+2.6326i

43.5	0.1198-0.1136i	-0.0232-0.2155i	0.0620-0.1131i	0.0614-0.1064i	-13.8444-3.6199i	15.8961+5.6623i	-8.5477-2.2704i	6.5860+2.7116i
43.6	0.1200-0.1415i	-0.0124-0.2249i	0.0658-0.1257i	0.0647-0.1182i	-13.6400-3.7427i	15.7287+5.7984i	-8.3907-2.3476i	6.5289+2.7881i
43.7	0.1060-0.1411i	-0.0225-0.2233i	0.0580-0.1243i	0.0562-0.1172i	-13.6355-3.7325i	15.6074+5.6542i	-8.4050-2.3391i	6.4692+2.7099i
43.8	0.1053-0.1264i	-0.0386-0.2121i	0.0513-0.1148i	0.0509-0.1083i	-13.5073-3.5659i	15.6279+5.4490i	-8.3791-2.2602i	6.5131+2.5935i
43.9	0.1300-0.1434i	-0.0128-0.2006i	0.0678-0.1184i	0.0677-0.1102i	-13.1021-3.4130i	15.2501+5.4258i	-8.1370-2.1819i	6.3472+2.6345i
44.0	0.1296-0.1660i	0.0070-0.2128i	0.0745-0.1300i	0.0738-0.1215i	-12.8868-3.5258i	14.9752+5.6155i	-7.9719-2.2609i	6.2253+2.7538i
44.1	0.1172-0.1676i	-0.0023-0.2232i	0.0669-0.1337i	0.0658-0.1253i	-12.8983-3.5133i	14.9811+5.5672i	-7.9939-2.2729i	6.2483+2.7354i
44.2	0.1171-0.1694i	-0.0132-0.2131i	0.0632-0.1293i	0.0617-0.1226i	-12.8023-3.4731i	14.8364+5.4284i	-7.9629-2.2496i	6.1907+2.6581i
44.3	0.1192-0.1692i	-0.0032-0.2044i	0.0693-0.1243i	0.0647-0.1202i	-12.7054-3.3854i	14.5434+5.2223i	-7.9140-2.1889i	6.0324+2.5505i
44.4	0.1117-0.1907i	0.0062-0.2191i	0.0705-0.1381i	0.0646-0.1315i	-12.4944-3.3705i	14.3539+5.4248i	-7.8083-2.2279i	5.9769+2.6999i
44.5	0.0926-0.1988i	-0.0088-0.2323i	0.0579-0.1476i	0.0535-0.1368i	-12.3363-3.4021i	14.3946+5.5713i	-7.7552-2.2555i	6.0370+2.7870i
44.6	0.0841-0.1927i	-0.0104-0.2209i	0.0545-0.1426i	0.0505-0.1301i	-12.2367-3.3098i	14.3879+5.4275i	-7.7364-2.1955i	6.0566+2.6957i
44.7	0.0788-0.1900i	-0.0050-0.2265i	0.0547-0.1430i	0.0511-0.1314i	-12.1314-3.2698i	14.3160+5.4112i	-7.6897-2.1922i	6.0330+2.7013i
44.8	0.0757-0.1811i	-0.0293-0.2390i	0.0444-0.1460i	0.0418-0.1317i	-12.0534-3.2966i	14.3377+5.4099i	-7.6548-2.1970i	6.0793+2.7024i
44.9	0.0906-0.1719i	-0.0337-0.2132i	0.0499-0.1355i	0.0436-0.1198i	-11.8996-3.1478i	14.1420+5.1824i	-7.5598-2.0841i	5.9825+2.5983i
45.0	0.1083-0.1808i	-0.0149-0.1920i	0.0619-0.1310i	0.0560-0.1158i	-11.6150-3.0554i	13.8488+4.9316i	-7.3813-2.0231i	5.8564+2.4820i
45.1	0.0867-0.2088i	-0.0103-0.2109i	0.0542-0.1484i	0.0522-0.1299i	-11.5358-3.3021i	13.7972+5.1811i	-7.3579-2.1643i	5.8731+2.6210i
45.2	0.0641-0.2025i	-0.0208-0.2099i	0.0426-0.1465i	0.0426-0.1270i	-11.4951-3.3047i	13.7637+5.2050i	-7.3753-2.1644i	5.8866+2.6266i
45.3	0.0483-0.1768i	-0.0251-0.1988i	0.0340-0.1340i	0.0372-0.1145i	-11.5365-3.2523i	13.7981+5.0193i	-7.3974-2.0859i	5.9233+2.5196i
45.4	0.0522-0.1517i	-0.0303-0.1875i	0.0321-0.1203i	0.0374-0.1040i	-11.4933-3.0847i	13.8422+4.8397i	-7.3975-1.9764i	5.9587+2.4209i
45.5	0.0751-0.1397i	-0.0292-0.1764i	0.0408-0.1138i	0.0452-0.0967i	-11.2871-2.9211i	13.5259+4.6430i	-7.3005-1.8646i	5.7904+2.3214i
45.6	0.0859-0.1405i	-0.0196-0.1650i	0.0482-0.1089i	0.0506-0.0942i	-11.1943-2.8859i	13.4253+4.4291i	-7.1884-1.8182i	5.7397+2.1864i
45.7	0.1068-0.1332i	0.0010-0.1433i	0.0622-0.0988i	0.0640-0.0847i	-11.0103-2.7709i	13.1837+4.1726i	-7.0451-1.7333i	5.6316+2.0672i
45.8	0.1279-0.1489i	0.0217-0.1486i	0.0763-0.1081i	0.0780-0.0897i	-10.8153-2.7497i	12.9104+4.2371i	-6.9147-1.7589i	5.4960+2.1115i
45.9	0.1448-0.1812i	0.0497-0.1622i	0.0910-0.1257i	0.0915-0.1037i	-10.5696-2.8698i	12.5940+4.2771i	-6.7464-1.8422i	5.3391+2.1421i
46.0	0.1260-0.2248i	0.0618-0.2022i	0.0864-0.1556i	0.0904-0.1307i	-10.3503-3.1762i	12.3482+4.6278i	-6.6707-2.0456i	5.2556+2.3356i
46.1	0.0851-0.2249i	0.0419-0.2389i	0.0644-0.1667i	0.0721-0.1435i	-10.5506-3.3687i	12.5093+4.7546i	-6.8081-2.1469i	5.3652+2.3946i
46.2	0.0607-0.2023i	-0.0014-0.2483i	0.0394-0.1624i	0.0506-0.1390i	-10.7597-3.3270i	12.6246+4.6549i	-6.9867-2.1394i	5.4254+2.3514i
46.3	0.0862-0.1767i	-0.0067-0.1966i	0.0451-0.1345i	0.0570-0.1141i	-10.5950-2.9540i	12.4690+4.2791i	-6.9017-1.8550i	5.3589+2.1609i
46.4	0.0927-0.2016i	0.0091-0.1989i	0.0537-0.1446i	0.0641-0.1226i	-10.3616-2.9309i	12.2008+4.3266i	-6.7431-1.8662i	5.2422+2.1933i
46.5	0.0710-0.2035i	0.0002-0.2026i	0.0424-0.1470i	0.0552-0.1256i	-10.3759-3.0402i	12.2663+4.3772i	-6.7424-1.9172i	5.3010+2.2131i
46.6	0.0687-0.1939i	0.0029-0.1941i	0.0430-0.1397i	0.0557-0.1194i	-10.4071-3.0196i	12.1330+4.2710i	-6.7514-1.9139i	5.2261+2.1570i
46.7	0.0662-0.1881i	0.0093-0.1893i	0.0423-0.1349i	0.0577-0.1153i	-10.4171-2.9463i	11.9647+4.1951i	-6.7647-1.8694i	5.1343+2.1201i
46.8	0.0669-0.1798i	0.0112-0.1888i	0.0434-0.1319i	0.0588-0.1139i	-10.3237-2.8350i	11.8568+4.1101i	-6.7067-1.8132i	5.0950+2.0794i
46.9	0.0741-0.1615i	0.0132-0.1768i	0.0457-0.1236i	0.0609-0.1068i	-10.2174-2.6473i	11.7845+3.9520i	-6.6559-1.7082i	5.0736+1.9964i
47.0	0.0916-0.1742i	0.0267-0.1831i	0.0551-0.1295i	0.0723-0.1132i	-10.0974-2.6537i	11.5801+4.0312i	-6.5541-1.7055i	4.9752+2.0493i
47.1	0.0823-0.1931i	0.0304-0.2006i	0.0531-0.1410i	0.0713-0.1234i	-9.9780-2.8422i	11.4495+4.1343i	-6.5122-1.7894i	4.9262+2.1133i
47.2	0.0901-0.1710i	0.0364-0.1936i	0.0561-0.1305i	0.0744-0.1145i	-9.8985-2.6814i	11.3350+4.0193i	-6.5140-1.6550i	4.8702+2.0652i
47.3	0.1109-0.1762i	0.0473-0.2019i	0.0668-0.1354i	0.0847-0.1192i	-9.7793-2.5638i	11.1451+3.9635i	-6.3767-1.6151i	4.7781+2.0421i
47.4	0.1161-0.2087i	0.0375-0.2239i	0.0647-0.1539i	0.0852-0.1364i	-9.6519-2.6408i	10.9509+4.0787i	-6.3034-1.7110i	4.7028+2.1198i
47.5	0.0935-0.2384i	0.0135-0.2343i	0.0477-0.1672i	0.0713-0.1501i	-9.6077-2.8036i	10.9464+4.2706i	-6.3302-1.8101i	4.7341+2.2327i
47.6	0.0639-0.2327i	0.0030-0.2160i	0.0339-0.1571i	0.0589-0.1439i	-9.6604-2.7600i	11.0874+4.1959i	-6.3644-1.7704i	4.8335+2.1639i
47.7	0.0557-0.2231i	0.0074-0.2159i	0.0332-0.1538i	0.0584-0.1417i	-9.6779-2.6906i	11.0325+4.2149i	-6.3609-1.7230i	4.8183+2.1789i
47.8	0.0453-0.2077i	-0.0008-0.2054i	0.0275-0.1429i	0.0524-0.1327i	-9.6752-2.5764i	11.0584+4.0287i	-6.3538-1.6361i	4.8495+2.0664i
47.9	0.0534-0.2043i	0.0162-0.2007i	0.0355-0.1389i	0.0593-0.1310i	-9.5199-2.5252i	10.7980+3.8782i	-6.2666-1.5760i	4.6974+1.9911i
48.0	0.0628-0.2133i	0.0278-0.2145i	0.0416-0.1469i	0.0646-0.1393i	-9.3839-2.5313i	10.6059+3.9881i	-6.2062-1.5892i	4.5919+2.0677i
48.1	0.0382-0.2264i	0.0179-0.2368i	0.0294-0.1595i	0.0534-0.1522i	-9.4098-2.5763i	10.5665+4.2160i	-6.2466-1.6685i	4.5985+2.2063i
48.2	0.0081-0.2094i	-0.0136-0.2383i	0.0088-0.1526i	0.0328-0.1479i	-9.5156-2.5244i	10.7080+4.1975i	-6.3238-1.6276i	4.7020+2.2017i
48.3	0.0064-0.1939i	-0.0287-0.2184i	0.0041-0.1387i	0.0273-0.1368i	-9.5297-2.3581i	10.7493+4.1073i	-6.3420-1.5190i	4.7330+2.1537i
48.4	0.0053-0.1751i	-0.0340-0.2050i	0.0032-0.1274i	0.0253-0.1266i	-9.5081-2.2033i	10.7529+3.9782i	-6.3084-1.4261i	4.7571+2.0690i
48.5	0.0241-0.1558i	-0.0218-0.1865i	0.0136-0.1162i	0.0328-0.1152i	-9.2730-2.2188i	10.5630+3.8764i	-6.1869-1.3990i	4.6631+2.0085i
48.6	0.0315-0.1623i	-0.0168-0.1926i	0.0186-0.1194i	0.0370-0.1206i	-9.1620-2.2025i	10.5008+3.8923i	-6.1122-1.3891i	4.6561+2.0335i
48.7	0.0346-0.1578i	-0.0185-0.1859i	0.0182-0.1150i	0.0367-0.1164i	-9.0696-2.0837i	10.4971+3.7772i	-6.0673-1.3398i	4.6680+1.9689i
48.8	0.0510-0.1653i	-0.0062-0.1856i	0.0284-0.1186i	0.0463-0.1188i	-8.9312-2.0563i	10.2498+3.6268i	-5.9616-1.3250i	4.5282+1.8837i
48.9	0.0401-0.1889i	-0.0148-0.2027i	0.0215-0.1316i	0.0410-0.1319i	-8.9222-2.0938i	10.1655+3.8328i	-5.9557-1.3776i	4.5009+2.0101i
49.0	0.0196-0.1697i	-0.0233-0.1896i	0.0120-0.1196i	0.0315-0.1215i	-8.9316-1.9290i	10.2246+3.8235i	-5.9868-1.3019i	4.5523+2.0092i
49.1	0.0123-0.1536i	-0.0219-0.1836i	0.0102-0.1127i	0.0276-0.1164i	-8.8893-1.9056i	10.2408+3.7909i	-5.9681-1.2611i	4.5755+1.9947i
49.2	0.0142-0.1320i	-0.0280-0.1740i	0.0093-0.1026i	0.0249-0.1059i	-8.8724-1.8411i	10.2715+3.6571i	-5.9369-1.1825i	4.6053+1.9163i
49.3	0.0311-0.1199i	-0.0185-0.1686i	0.0178-0.0968i	0.0325-0.0995i	-8.7180-1.8203i	10.1455+3.5839i	-5.8734-1.1523i	4.5295+1.8820i
49.4	0.0517-0.1196i	-0.0184-0.1727i	0.0264-0.0990i	0.0409-0.0998i	-8.6330-1.7677i	10.0726+3.5234i	-5.8098-1.1422i	4.4998+1.8525i
49.5	0.0466-0.1325i	-0.0230-0.1707i	0.0226-0.1027i	0.0375-0.1048i	-8.5170-1.7989i	10.0640+3.5700i	-5.7484-1.1486i	4.5367+1.8825i
49.6	0.0508-0.1140i	-0.0235-0.1540i	0.0212-0.0909i	0.0346-0.0936i	-8.4359-1.7076i	10.0667+3.4936i	-5.7064-1.0815i	4.5552+1.8391i
49.7	0.0728-0.1004i	-0.0152-0.1348i	0.0309-0.0856i	0.0440-0.0875i	-8.2500-1.5832i	9.9026+3.3225i	-5.5872-1.0119i	4.4739+1.7470i

49.8	0.0927-0.1258i	0.0028-0.1378i	0.0459-0.0940i	0.0604-0.0950i	-8.0424-1.6198i	9.7168+3.2372i	-5.4630-1.0590i	4.3796+1.6906i
49.9	0.0856-0.1674i	0.0153-0.1633i	0.0484-0.1109i	0.0648-0.1122i	-7.9462-1.7191i	9.5556+3.3763i	-5.4300-1.1595i	4.2840+1.7761i
50.0	0.0649-0.1580i	0.0097-0.1682i	0.0391-0.1080i	0.0544-0.1090i	-8.0286-1.6929i	9.6910+3.2997i	-5.4972-1.1742i	4.3482+1.7294i
50.1	0.0779-0.1442i	0.0215-0.1636i	0.0462-0.1030i	0.0607-0.1049i	-7.9074-1.6614i	9.4824+3.2082i	-5.4340-1.1263i	4.2355+1.6961i
50.2	0.0795-0.1407i	0.0188-0.1647i	0.0452-0.1033i	0.0598-0.1063i	-7.9012-1.6570i	9.4603+3.2456i	-5.4085-1.0613i	4.2613+1.7375i
50.3	0.0907-0.1423i	0.0137-0.1633i	0.0470-0.1055i	0.0610-0.1071i	-7.8106-1.6361i	9.4791+3.2913i	-5.3383-1.0419i	4.3110+1.7818i
50.4	0.0964-0.1462i	0.0187-0.1603i	0.0503-0.1030i	0.0652-0.1056i	-7.7416-1.6679i	9.3614+3.2415i	-5.2847-1.0535i	4.2566+1.7487i
50.5	0.1079-0.1494i	0.0433-0.1563i	0.0641-0.1015i	0.0777-0.1049i	-7.5817-1.6627i	9.1276+3.1756i	-5.2035-1.0510i	4.1133+1.7133i
50.6	0.1129-0.1652i	0.0626-0.1787i	0.0729-0.1160i	0.0868-0.1188i	-7.4779-1.7713i	8.9488+3.2529i	-5.0742-1.1366i	4.0194+1.7490i
50.7	0.0724-0.1878i	0.0323-0.2150i	0.0472-0.1349i	0.0614-0.1389i	-7.5408-1.8602i	9.1204+3.4340i	-5.1934-1.2638i	4.1480+1.8464i
50.8	0.0597-0.1700i	-0.0030-0.2068i	0.0298-0.1260i	0.0429-0.1297i	-7.5555-1.7679i	9.2739+3.3969i	-5.2564-1.2073i	4.2736+1.8166i
50.9	0.0869-0.1610i	0.0099-0.1849i	0.0453-0.1147i	0.0578-0.1176i	-7.3635-1.6485i	9.1676+3.1797i	-5.1541-1.1280i	4.2123+1.7021i
51.0	0.0825-0.1825i	0.0166-0.2060i	0.0463-0.1283i	0.0596-0.1329i	-7.2926-1.7895i	9.0014+3.2592i	-5.1422-1.2201i	4.1257+1.7704i
51.1	0.0720-0.1601i	-0.0101-0.1915i	0.0338-0.1168i	0.0472-0.1225i	-7.3641-1.6453i	9.1199+3.1920i	-5.2284-1.1343i	4.2004+1.7261i
51.2	0.0833-0.1714i	-0.0127-0.1763i	0.0359-0.1161i	0.0488-0.1206i	-7.3465-1.7079i	9.0841+3.0223i	-5.1768-1.1528i	4.1952+1.6091i
51.3	0.0521-0.1891i	-0.0206-0.1876i	0.0254-0.1238i	0.0388-0.1285i	-7.4034-1.8573i	9.1157+3.0773i	-5.1989-1.2169i	4.2399+1.6945i
51.4	0.0345-0.1489i	-0.0282-0.1642i	0.0178-0.1024i	0.0286-0.1079i	-7.4428-1.6466i	9.1741+2.9572i	-5.2773-1.0622i	4.3219+1.6131i
51.5	0.0775-0.1288i	0.0006-0.1531i	0.0387-0.0937i	0.0483-0.0984i	-7.2644-1.4672i	8.9018+2.8138i	-5.1302-0.9521i	4.1477+1.4894i
51.6	0.1097-0.1346i	0.0198-0.1545i	0.0553-0.0962i	0.0662-0.1007i	-7.0864-1.3765i	8.7213+2.7285i	-5.0116-0.9171i	4.0259+1.4627i
51.7	0.1299-0.1569i	0.0315-0.1687i	0.0664-0.1087i	0.0780-0.1136i	-6.8668-1.4121i	8.6098+2.7728i	-4.8771-0.9572i	3.9914+1.5085i
51.8	0.1309-0.1992i	0.0310-0.1976i	0.0663-0.1315i	0.0778-0.1371i	-6.7298-1.5941i	8.5009+2.9351i	-4.7801-1.1187i	3.9578+1.6104i
51.9	0.1145-0.2108i	0.0228-0.2074i	0.0576-0.1398i	0.0688-0.1450i	-6.7452-1.7353i	8.4821+3.0698i	-4.8057-1.2048i	3.9714+1.6863i
52.0	0.0972-0.1916i	-0.0079-0.1892i	0.0412-0.1266i	0.0514-0.1333i	-6.8318-1.6488i	8.5928+2.9544i	-4.9148-1.1783i	4.0377+1.5977i
52.1	0.1050-0.1902i	-0.0020-0.1594i	0.0462-0.1154i	0.0562-0.1223i	-6.7828-1.5752i	8.5176+2.7634i	-4.8740-1.1056i	4.0013+1.4872i
52.2	0.1132-0.2095i	0.0319-0.1750i	0.0608-0.1282i	0.0710-0.1340i	-6.6035-1.6527i	8.3606+2.7797i	-4.7397-1.1093i	3.9134+1.4991i
52.3	0.1152-0.2265i	0.0301-0.2006i	0.0600-0.1417i	0.0707-0.1484i	-6.4774-1.6923i	8.2503+2.9177i	-4.6877-1.1864i	3.8749+1.5979i
52.4	0.0804-0.2264i	0.0050-0.1978i	0.0400-0.1401i	0.0502-0.1479i	-6.6297-1.6972i	8.3351+2.9183i	-4.8423-1.2256i	3.9384+1.5964i
52.5	0.0914-0.2125i	0.0264-0.1887i	0.0513-0.1324i	0.0608-0.1396i	-6.5664-1.6125i	8.2462+2.8599i	-4.7729-1.1420i	3.9006+1.5770i
52.6	0.0914-0.2398i	0.0351-0.2197i	0.0546-0.1528i	0.0629-0.1593i	-6.5188-1.7888i	8.1264+2.9385i	-4.7061-1.2625i	3.8400+1.6316i
52.7	0.0639-0.2444i	0.0088-0.2330i	0.0358-0.1582i	0.0450-0.1670i	-6.5566-1.7853i	8.1959+2.9391i	-4.7618-1.3401i	3.9266+1.6175i
52.8	0.0498-0.2071i	-0.0181-0.2113i	0.0226-0.1389i	0.0311-0.1475i	-6.5203-1.6412i	8.2914+2.8712i	-4.8425-1.2054i	3.9766+1.5683i
52.9	0.0700-0.1841i	-0.0139-0.1869i	0.0311-0.1236i	0.0387-0.1308i	-6.4383-1.5996i	8.2930+2.6296i	-4.7644-1.0977i	4.0015+1.4096i
53.0	0.1159-0.2099i	0.0080-0.1962i	0.0528-0.1362i	0.0617-0.1415i	-6.1692-1.6683i	8.0278+2.5141i	-4.5630-1.1530i	3.8673+1.3458i
53.1	0.1084-0.2330i	0.0005-0.2051i	0.0473-0.1468i	0.0563-0.1525i	-6.1621-1.7864i	7.9844+2.6241i	-4.5524-1.2630i	3.8428+1.4123i
53.2	0.1063-0.2586i	0.0051-0.2052i	0.0489-0.1540i	0.0569-0.1623i	-6.1062-1.8569i	7.8945+2.7249i	-4.5456-1.3641i	3.8074+1.4800i
53.3	0.0753-0.2813i	0.0040-0.2131i	0.0385-0.1640i	0.0456-0.1735i	-6.2030-1.9690i	7.9484+2.6945i	-4.6633-1.4440i	3.8369+1.4264i
53.4	0.0374-0.2928i	-0.0142-0.2472i	0.0199-0.1786i	0.0256-0.1884i	-6.3589-2.1199i	8.0635+2.8275i	-4.7482-1.5290i	3.9472+1.5305i
53.5	0.0150-0.2545i	-0.0406-0.2279i	0.0020-0.1588i	0.0087-0.1680i	-6.4385-2.0354i	8.0347+2.6477i	-4.8192-1.4234i	3.9168+1.4114i
53.6	0.0378-0.2294i	-0.0389-0.1998i	0.0107-0.1419i	0.0172-0.1500i	-6.3805-1.8663i	7.9122+2.4750i	-4.7861-1.2879i	3.8481+1.3041i
53.7	0.0403-0.2541i	-0.0242-0.2025i	0.0173-0.1497i	0.0235-0.1600i	-6.3191-1.9026i	7.7635+2.4978i	-4.7760-1.3593i	3.7590+1.3026i
53.8	0.0203-0.2324i	-0.0133-0.1958i	0.0139-0.1394i	0.0203-0.1500i	-6.3885-1.8488i	7.7267+2.4023i	-4.8240-1.3328i	3.7440+1.2139i
53.9	0.0638-0.2374i	0.0077-0.2110i	0.0359-0.1476i	0.0421-0.1563i	-6.1832-1.7877i	7.5321+2.4271i	-4.6725-1.2971i	3.6332+1.2647i
54.0	0.0545-0.2732i	-0.0044-0.2444i	0.0284-0.1708i	0.0344-0.1811i	-6.1333-1.9187i	7.4573+2.5944i	-4.6839-1.4063i	3.6086+1.4021i
54.1	0.0225-0.2838i	-0.0371-0.2555i	0.0062-0.1777i	0.0111-0.1896i	-6.2685-2.0833i	7.5059+2.5170i	-4.7765-1.5368i	3.6462+1.3332i
54.2	-0.0057-0.2785i	-0.0658-0.2442i	-0.0117-0.1717i	-0.0093-0.1832i	-6.4241-2.0638i	7.5532+2.4979i	-4.9515-1.5152i	3.6746+1.3121i
54.3	0.0078-0.2562i	-0.0615-0.2221i	-0.0058-0.1575i	-0.0039-0.1673i	-6.3086-1.9178i	7.4417+2.4347i	-4.9068-1.3559i	3.6198+1.2894i
54.4	0.0193-0.2792i	-0.0524-0.2330i	0.0016-0.1690i	0.0040-0.1797i	-6.2492-2.0300i	7.3634+2.5292i	-4.8254-1.4345i	3.5914+1.3477i
54.5	-0.0160-0.2917i	-0.0741-0.2358i	-0.0175-0.1747i	-0.0165-0.1845i	-6.4328-2.1091i	7.3306+2.5901i	-4.9819-1.5085i	3.5760+1.3978i
54.6	-0.0383-0.2832i	-0.0925-0.2334i	-0.0300-0.1708i	-0.0311-0.1802i	-6.5170-1.9866i	7.3467+2.6237i	-5.1086-1.4470i	3.5810+1.4351i
54.7	-0.0576-0.2611i	-0.1082-0.2190i	-0.0424-0.1582i	-0.0438-0.1676i	-6.5844-1.8077i	7.3852+2.6027i	-5.2112-1.3478i	3.6083+1.4199i
54.8	-0.0525-0.2266i	-0.1047-0.1886i	-0.0392-0.1369i	-0.0408-0.1454i	-6.5543-1.6005i	7.4151+2.4370i	-5.2009-1.1278i	3.6523+1.3264i
54.9	-0.0400-0.2224i	-0.0907-0.1782i	-0.0305-0.1327i	-0.0310-0.1389i	-6.5620-1.6236i	7.2926+2.2833i	-5.1535-1.1158i	3.5818+1.2278i
55.0	-0.0439-0.2520i	-0.0913-0.1975i	-0.0317-0.1491i	-0.0331-0.1553i	-6.4930-1.6000i	7.2402+2.5141i	-5.1631-1.1421i	3.5699+1.3933i
55.1	-0.0490-0.2532i	-0.0924-0.2003i	-0.0342-0.1501i	-0.0360-0.1575i	-6.4181-1.5069i	7.2571+2.6502i	-5.1612-1.0834i	3.6048+1.5161i
55.2	-0.0512-0.2488i	-0.0936-0.1979i	-0.0352-0.1494i	-0.0373-0.1556i	-6.3451-1.5525i	7.2506+2.5766i	-5.1112-1.0853i	3.6225+1.4625i
55.3	-0.0649-0.2373i	-0.1029-0.1870i	-0.0431-0.1410i	-0.0443-0.1463i	-6.3358-1.3807i	7.2418+2.5195i	-5.1273-0.9829i	3.6200+1.4264i
55.4	-0.0815-0.2175i	-0.1102-0.1706i	-0.0521-0.1286i	-0.0532-0.1337i	-6.3476-1.2666i	7.3106+2.4469i	-5.1602-0.8938i	3.6840+1.3717i
55.5	-0.0749-0.2039i	-0.1049-0.1615i	-0.0473-0.1217i	-0.0494-0.1262i	-6.2458-1.2408i	7.2690+2.3622i	-5.0859-0.8505i	3.6774+1.3227i
55.6	-0.0588-0.2094i	-0.0937-0.1692i	-0.0378-0.1257i	-0.0398-0.1310i	-6.1655-1.2544i	7.1039+2.3382i	-5.0063-0.8630i	3.5884+1.3003i
55.7	-0.0629-0.2135i	-0.0940-0.1698i	-0.0403-0.1272i	-0.0413-0.1326i	-6.0936-1.2718i	7.1232+2.3335i	-4.9517-0.8638i	3.6353+1.2920i
55.8	-0.0761-0.2096i	-0.1025-0.1637i	-0.0469-0.1241i	-0.0485-0.1283i	-6.0666-1.2323i	7.1673+2.3328i	-4.9643-0.8490i	3.6786+1.3075i
55.9	-0.0889-0.2001i	-0.1149-0.1583i	-0.0552-0.1199i	-0.0572-0.1237i	-6.1037-1.1599i	7.1147+2.3392i	-5.0407-0.8086i	3.6377+1.3022i
56.0	-0.0834-0.1811i	-0.1095-0.1446i	-0.0521-0.1087i	-0.0534-0.1121i	-6.0740-1.1284i	7.0416+2.2669i	-5.0143-0.7420i	3.6060+1.2472i

56.1	-0.0602-0.1773i	-0.0914-0.1421i	-0.0389-0.1067i	-0.0394-0.1102i	-5.9532-1.1378i	6.9794+2.2408i	-4.8930-0.7333i	3.6075+1.2406i
56.2	-0.0588-0.1895i	-0.0909-0.1536i	-0.0376-0.1152i	-0.0389-0.1184i	-5.9162-1.1696i	6.8704+2.2538i	-4.8773-0.7777i	3.5404+1.2553i
56.3	-0.0747-0.1940i	-0.1013-0.1555i	-0.0463-0.1167i	-0.0477-0.1202i	-5.9281-1.1058i	6.9465+2.2308i	-4.9083-0.7930i	3.6179+1.2156i
56.4	-0.0833-0.1875i	-0.1071-0.1507i	-0.0517-0.1138i	-0.0536-0.1158i	-5.8999-1.1475i	6.9235+2.2222i	-4.9384-0.7794i	3.6084+1.1998i
56.5	-0.0830-0.1753i	-0.1047-0.1388i	-0.0513-0.1063i	-0.0524-0.1063i	-5.8094-1.1979i	6.8623+2.1516i	-4.9063-0.7365i	3.5922+1.1548i
56.6	-0.0870-0.1687i	-0.1056-0.1322i	-0.0527-0.1015i	-0.0542-0.1023i	-5.7605-1.1008i	6.8572+2.1122i	-4.9228-0.6963i	3.5973+1.1471i
56.7	-0.0804-0.1656i	-0.0992-0.1315i	-0.0479-0.1002i	-0.0500-0.1010i	-5.7245-1.0585i	6.7966+2.0978i	-4.8719-0.6674i	3.5707+1.1330i
56.8	-0.0854-0.1605i	-0.1036-0.1265i	-0.0509-0.0961i	-0.0531-0.0974i	-5.6957-1.0413i	6.7716+2.0738i	-4.8756-0.6618i	3.5567+1.1221i
56.9	-0.0812-0.1518i	-0.0983-0.1193i	-0.0484-0.0912i	-0.0510-0.0920i	-5.5477-0.9993i	6.7080+2.0199i	-4.8431-0.6070i	3.5318+1.0788i
57.0	-0.0783-0.1468i	-0.0954-0.1155i	-0.0461-0.0886i	-0.0479-0.0890i	-5.5374-1.0194i	6.6952+2.0096i	-4.7998-0.5813i	3.5473+1.0879i
57.1	-0.0830-0.1426i	-0.0994-0.1142i	-0.0489-0.0865i	-0.0503-0.0869i	-5.5923-1.0542i	6.6673+1.9898i	-4.8113-0.6165i	3.5394+1.0689i
57.2	-0.0800-0.1362i	-0.0970-0.1090i	-0.0469-0.0833i	-0.0491-0.0821i	-5.4616-1.0565i	6.6308+1.9344i	-4.7980-0.5931i	3.5213+1.0126i
57.3	-0.0610-0.1405i	-0.0833-0.1105i	-0.0371-0.0849i	-0.0376-0.0855i	-5.4186-1.0313i	6.4863+1.9801i	-4.7727-0.5593i	3.4287+1.0629i
57.4	-0.0681-0.1489i	-0.0876-0.1180i	-0.0401-0.0901i	-0.0410-0.0909i	-5.4977-1.0227i	6.4665+2.0049i	-4.7776-0.5867i	3.4307+1.0785i
57.5	-0.0766-0.1402i	-0.0949-0.1124i	-0.0456-0.0860i	-0.0473-0.0851i	-5.5042-0.9985i	6.4967+1.9404i	-4.7962-0.5729i	3.4537+1.0338i
57.6	-0.0736-0.1371i	-0.0939-0.1109i	-0.0442-0.0846i	-0.0465-0.0832i	-5.4359-0.9281i	6.5078+1.9264i	-4.7782-0.5222i	3.4662+1.0361i
57.7	-0.0722-0.1353i	-0.0908-0.1088i	-0.0427-0.0834i	-0.0442-0.0829i	-5.4110-0.9759i	6.4243+1.8987i	-4.7410-0.5200i	3.4230+1.0036i
57.8	-0.0779-0.1316i	-0.0942-0.1049i	-0.0465-0.0805i	-0.0481-0.0802i	-5.3915-0.9763i	6.4101+1.8762i	-4.7861-0.4959i	3.4368+0.9927i
57.9	-0.0683-0.1345i	-0.0830-0.1071i	-0.0395-0.0815i	-0.0408-0.0816i	-5.3582-1.0539i	6.3415+1.8626i	-4.7021-0.5494i	3.4059+0.9691i
58.0	-0.0715-0.1266i	-0.0864-0.1046i	-0.0415-0.0792i	-0.0430-0.0783i	-5.3552-1.0190i	6.2644+1.8710i	-4.7492-0.5217i	3.3788+0.9786i
58.1	-0.0750-0.1205i	-0.0916-0.1002i	-0.0448-0.0763i	-0.0461-0.0743i	-5.3312-0.9725i	6.2507+1.8713i	-4.7908-0.4402i	3.3741+1.0012i
58.2	-0.0697-0.1136i	-0.0878-0.0926i	-0.0418-0.0706i	-0.0424-0.0690i	-5.2883-0.8922i	6.2241+1.8391i	-4.7713-0.3607i	3.3617+1.0083i
58.3	-0.0724-0.1140i	-0.0895-0.0939i	-0.0430-0.0709i	-0.0434-0.0692i	-5.2219-0.8199i	6.1724+1.8393i	-4.7952-0.3933i	3.2939+0.9792i
58.4	-0.0657-0.1155i	-0.0789-0.0954i	-0.0369-0.0716i	-0.0380-0.0705i	-5.1349-0.8644i	6.0827+1.7882i	-4.7165-0.4079i	3.2568+0.9367i
58.5	-0.0573-0.1137i	-0.0724-0.0945i	-0.0323-0.0709i	-0.0330-0.0693i	-5.1165-0.9304i	6.0565+1.8045i	-4.6758-0.3854i	3.2726+0.9634i
58.6	-0.0622-0.1139i	-0.0807-0.0934i	-0.0374-0.0708i	-0.0381-0.0695i	-5.1565-0.8826i	6.1148+1.7428i	-4.7126-0.3856i	3.3227+0.8752i
58.7	-0.0665-0.1170i	-0.0857-0.0945i	-0.0410-0.0725i	-0.0413-0.0706i	-5.1641-0.8069i	6.0778+1.7930i	-4.7692-0.3763i	3.2851+0.9135i
58.8	-0.0593-0.1173i	-0.0767-0.0958i	-0.0362-0.0725i	-0.0357-0.0711i	-5.1550-0.8770i	5.9618+1.7936i	-4.7021-0.3951i	3.2300+0.9288i
58.9	-0.0557-0.1107i	-0.0757-0.0896i	-0.0342-0.0680i	-0.0346-0.0665i	-5.0547-0.8763i	5.9425+1.7653i	-4.6940-0.3424i	3.2217+0.8938i
59.0	-0.0546-0.1095i	-0.0766-0.0879i	-0.0340-0.0666i	-0.0335-0.0657i	-5.0616-0.9053i	5.9189+1.7381i	-4.7029-0.3491i	3.2069+0.8798i
59.1	-0.0581-0.1074i	-0.0761-0.0886i	-0.0349-0.0658i	-0.0350-0.0642i	-4.9773-0.8426i	5.8689+1.7675i	-4.6849-0.2829i	3.2081+0.9367i
59.2	-0.0590-0.1046i	-0.0770-0.0895i	-0.0354-0.0659i	-0.0358-0.0642i	-5.0147-0.7737i	5.8406+1.7750i	-4.6893-0.2535i	3.1672+0.9510i
59.3	-0.0574-0.1098i	-0.0716-0.0908i	-0.0328-0.0686i	-0.0332-0.0662i	-4.9591-0.8773i	5.7781+1.7611i	-4.6299-0.2860i	3.1236+0.9110i
59.4	-0.0538-0.1076i	-0.0701-0.0865i	-0.0311-0.0657i	-0.0309-0.0638i	-4.9354-0.8171i	5.7692+1.7069i	-4.6133-0.2812i	3.1532+0.8662i
59.5	-0.0544-0.0988i	-0.0730-0.0797i	-0.0316-0.0608i	-0.0320-0.0585i	-4.8780-0.7750i	5.7909+1.6789i	-4.6408-0.2138i	3.2025+0.8727i
59.6	-0.0496-0.1004i	-0.0686-0.0814i	-0.0294-0.0621i	-0.0288-0.0599i	-4.8547-0.7543i	5.7496+1.6963i	-4.5967-0.1908i	3.1760+0.9177i
59.7	-0.0464-0.0995i	-0.0643-0.0803i	-0.0281-0.0614i	-0.0270-0.0594i	-4.8086-0.7633i	5.6657+1.6916i	-4.5750-0.1888i	3.1177+0.9256i
59.8	-0.0449-0.1043i	-0.0618-0.0845i	-0.0263-0.0652i	-0.0257-0.0625i	-4.7866-0.7407i	5.5552+1.7611i	-4.5721-0.2516i	3.0416+0.9693i
59.9	-0.0475-0.1143i	-0.0608-0.0905i	-0.0266-0.0721i	-0.0265-0.0704i	-4.7239-1.1243i	5.8393+1.2902i	-4.5240-0.1898i	2.8803+1.2089i
60.0	-0.0498-0.1122i	-0.0667-0.0934i	-0.0290-0.0741i	-0.0280-0.0741i	-4.4540-1.4756i	6.3217+0.7960i	-4.5726-0.0088i	2.6377+1.5773i
60.1	-0.0457-0.0982i	-0.0646-0.0839i	-0.0256-0.0629i	-0.0250-0.0605i	-4.4425-0.5907i	6.0179+1.8671i	-4.6418-0.0670i	2.9123+0.9174i
60.2	-0.0509-0.0948i	-0.0670-0.0771i	-0.0301-0.0581i	-0.0303-0.0573i	-4.6971-0.6095i	5.6302+1.7227i	-4.5733-0.0734i	3.1831+0.9398i
60.3	-0.0469-0.0968i	-0.0616-0.0752i	-0.0267-0.0586i	-0.0265-0.0570i	-4.6154-0.6736i	5.5741+1.7099i	-4.5363-0.0170i	3.1692+0.9633i
60.4	-0.0489-0.1000i	-0.0640-0.0823i	-0.0292-0.0631i	-0.0281-0.0595i	-4.6782-0.6859i	5.5190+1.7828i	-4.5644-0.0453i	3.1020+1.0006i
60.5	-0.0483-0.0991i	-0.0679-0.0820i	-0.0304-0.0622i	-0.0285-0.0593i	-4.6421-0.6195i	5.5177+1.7599i	-4.5690-0.0426i	3.0763+0.9716i
60.6	-0.0483-0.0976i	-0.0656-0.0799i	-0.0296-0.0599i	-0.0283-0.0576i	-4.6758-0.5579i	5.4682+1.7237i	-4.5837-0.0550i	3.0594+0.9708i
60.7	-0.0455-0.0977i	-0.0624-0.0819i	-0.0285-0.0617i	-0.0260-0.0580i	-4.6804-0.5953i	5.4109+1.7510i	-4.5339-0.0501i	3.0576+0.9725i
60.8	-0.0471-0.0938i	-0.0640-0.0795i	-0.0292-0.0596i	-0.0279-0.0567i	-4.5786-0.6052i	5.3601+1.8062i	-4.5271-0.0079i	3.0328+1.0907i
60.9	-0.0429-0.0933i	-0.0592-0.0716i	-0.0261-0.0566i	-0.0243-0.0538i	-4.4890-0.5289i	5.3770+1.7483i	-4.4915+0.0075i	3.0594+1.0456i
61.0	-0.0416-0.0945i	-0.0605-0.0712i	-0.0261-0.0571i	-0.0234-0.0539i	-4.4116-0.5387i	5.4503+1.7257i	-4.4973+0.0467i	3.1566+0.9958i
61.1	-0.0449-0.0914i	-0.0609-0.0753i	-0.0262-0.0580i	-0.0255-0.0541i	-4.3901-0.4708i	5.4330+1.7630i	-4.4889+0.0611i	3.1570+1.0574i
61.2	-0.0466-0.0919i	-0.0633-0.0782i	-0.0275-0.0595i	-0.0269-0.0550i	-4.4032-0.3768i	5.3759+1.8087i	-4.4813+0.1068i	3.1045+1.1180i
61.3	-0.0461-0.0931i	-0.0623-0.0769i	-0.0279-0.0581i	-0.0264-0.0558i	-4.3903-0.4813i	5.3489+1.7815i	-4.4682+0.0773i	3.1490+1.0703i
61.4	-0.0425-0.0934i	-0.0578-0.0769i	-0.0257-0.0585i	-0.0242-0.0561i	-4.3454-0.4697i	5.3546+1.7170i	-4.4187+0.0817i	3.1600+1.0095i
61.5	-0.0438-0.0877i	-0.0577-0.0808i	-0.0257-0.0585i	-0.0247-0.0547i	-4.3777-0.4659i	5.3313+1.7258i	-4.4344+0.1083i	3.1436+1.0644i
61.6	-0.0436-0.0894i	-0.0580-0.0759i	-0.0262-0.0565i	-0.0243-0.0532i	-4.3156-0.4573i	5.3115+1.7794i	-4.4343+0.1520i	3.1287+1.1545i
61.7	-0.0445-0.0924i	-0.0589-0.0717i	-0.0262-0.0560i	-0.0243-0.0534i	-4.2194-0.4449i	5.3433+1.7695i	-4.3834+0.1841i	3.1941+1.1425i
61.8	-0.0435-0.0871i	-0.0575-0.0757i	-0.0256-0.0562i	-0.0237-0.0528i	-4.1582-0.4439i	5.3524+1.7415i	-4.3987+0.2047i	3.2254+1.0906i
61.9	-0.0431-0.0836i	-0.0602-0.0722i	-0.0271-0.0529i	-0.0241-0.0506i	-4.1586-0.3536i	5.3023+1.7064i	-4.3717+0.1483i	3.1522+1.0324i
62.0	-0.0407-0.0865i	-0.0570-0.0704i	-0.0245-0.0525i	-0.0223-0.0515i	-4.1391-0.3775i	5.2592+1.6668i	-4.3637+0.1558i	3.1091+1.0276i
62.1	-0.0391-0.0905i	-0.0566-0.0741i	-0.0234-0.0555i	-0.0218-0.0530i	-4.0103-0.4680i	5.2746+1.6582i	-4.3430+0.1443i	3.1930+1.0347i
62.2	-0.0405-0.0882i	-0.0547-0.0768i	-0.0233-0.0562i	-0.0225-0.0527i	-4.0329-0.5169i	5.2171+1.6490i	-4.3551+0.1283i	3.1711+1.0284i
62.3	-0.0389-0.0869i	-0.0549-0.0768i	-0.0241-0.0560i	-0.0212-0.0526i	-3.9925-0.5449i	5.2035+1.5968i	-4.3760+0.0940i	3.1807+1.0169i

62.4	-0.0397-0.0838i	-0.0576-0.0731i	-0.0263-0.0549i	-0.0231-0.0504i	-3.9042-0.4761i	5.2249+1.5767i	-4.3133+0.1315i	3.2375+0.9909i
62.5	-0.0385-0.0803i	-0.0522-0.0667i	-0.0238-0.0518i	-0.0213-0.0468i	-3.8269-0.4917i	5.2249+1.5499i	-4.2950+0.1756i	3.2489+0.9683i
62.6	-0.0390-0.0825i	-0.0561-0.0685i	-0.0254-0.0528i	-0.0218-0.0492i	-3.8752-0.4407i	5.2445+1.5524i	-4.2726+0.2256i	3.2772+0.9587i
62.7	-0.0370-0.0833i	-0.0537-0.0698i	-0.0238-0.0535i	-0.0200-0.0497i	-3.8217-0.4235i	5.2522+1.5368i	-4.2524+0.2277i	3.3057+0.9221i
62.8	-0.0357-0.0799i	-0.0552-0.0608i	-0.0241-0.0494i	-0.0204-0.0455i	-3.8038-0.3856i	5.2190+1.5282i	-4.2974+0.1906i	3.2710+0.9460i
62.9	-0.0384-0.0800i	-0.0576-0.0609i	-0.0256-0.0491i	-0.0222-0.0457i	-3.8322-0.4088i	5.1752+1.5015i	-4.2794+0.1580i	3.2684+0.9058i
63.0	-0.0382-0.0811i	-0.0538-0.0621i	-0.0234-0.0490i	-0.0214-0.0474i	-3.7264-0.4448i	5.1889+1.4902i	-4.2301+0.1907i	3.3294+0.9102i
63.1	-0.0408-0.0823i	-0.0609-0.0696i	-0.0273-0.0522i	-0.0244-0.0497i	-3.7298-0.5100i	5.1874+1.5072i	-4.2092+0.1637i	3.3450+0.9526i
63.2	-0.0387-0.0828i	-0.0617-0.0717i	-0.0266-0.0533i	-0.0249-0.0495i	-3.7284-0.4834i	5.1517+1.4981i	-4.2134+0.1835i	3.3600+0.9497i
63.3	-0.0381-0.0804i	-0.0580-0.0620i	-0.0251-0.0488i	-0.0231-0.0450i	-3.6490-0.4878i	5.1582+1.4797i	-4.2481+0.2125i	3.3934+0.9489i
63.4	-0.0348-0.0842i	-0.0537-0.0636i	-0.0229-0.0507i	-0.0201-0.0481i	-3.6223-0.4683i	5.0858+1.4761i	-4.2715+0.2406i	3.3564+0.9363i
63.5	-0.0403-0.0807i	-0.0553-0.0596i	-0.0260-0.0473i	-0.0220-0.0453i	-3.5172-0.4180i	5.0895+1.4288i	-4.2395+0.2037i	3.3885+0.9133i
63.6	-0.0437-0.0807i	-0.0565-0.0585i	-0.0271-0.0472i	-0.0245-0.0438i	-3.5441-0.4221i	5.0160+1.4051i	-4.3223+0.1481i	3.2816+0.9061i
63.7	-0.0367-0.0808i	-0.0529-0.0625i	-0.0236-0.0497i	-0.0206-0.0460i	-3.5464-0.4811i	4.9741+1.4076i	-4.3303+0.2000i	3.2718+0.9370i
63.8	-0.0399-0.0763i	-0.0530-0.0608i	-0.0239-0.0477i	-0.0220-0.0447i	-3.5567-0.4930i	4.9768+1.3839i	-4.3208+0.2125i	3.3097+0.9304i
63.9	-0.0381-0.0765i	-0.0515-0.0615i	-0.0232-0.0478i	-0.0207-0.0449i	-3.5154-0.4551i	4.9783+1.3412i	-4.3195+0.2042i	3.3270+0.8876i
64.0	-0.0368-0.0817i	-0.0553-0.0616i	-0.0249-0.0498i	-0.0214-0.0468i	-3.5268-0.4488i	5.0116+1.3641i	-4.2810+0.1695i	3.3982+0.9157i
64.1	-0.0397-0.0766i	-0.0572-0.0562i	-0.0267-0.0456i	-0.0231-0.0433i	-3.5429-0.4838i	4.9895+1.3280i	-4.2882+0.1654i	3.4326+0.8643i
64.2	-0.0411-0.0695i	-0.0548-0.0529i	-0.0267-0.0423i	-0.0230-0.0402i	-3.5543-0.4398i	4.9674+1.3141i	-4.3427+0.2003i	3.3951+0.8957i
64.3	-0.0431-0.0725i	-0.0546-0.0544i	-0.0272-0.0443i	-0.0237-0.0415i	-3.5128-0.4799i	4.9623+1.2820i	-4.3223+0.2047i	3.4134+0.8574i
64.4	-0.0417-0.0728i	-0.0490-0.0535i	-0.0251-0.0434i	-0.0217-0.0404i	-3.4696-0.4434i	4.9278+1.3028i	-4.3679+0.1669i	3.3768+0.8697i
64.5	-0.0410-0.0708i	-0.0512-0.0523i	-0.0251-0.0412i	-0.0216-0.0397i	-3.3967-0.4846i	4.8889+1.3384i	-4.3775+0.2191i	3.3742+0.8822i
64.6	-0.0400-0.0720i	-0.0517-0.0538i	-0.0256-0.0427i	-0.0214-0.0408i	-3.4108-0.5069i	4.8228+1.3298i	-4.3828+0.2229i	3.3445+0.8821i
64.7	-0.0419-0.0720i	-0.0496-0.0524i	-0.0245-0.0421i	-0.0211-0.0404i	-3.3790-0.4962i	4.8578+1.2467i	-4.3475+0.2002i	3.3824+0.8002i
64.8	-0.0447-0.0726i	-0.0510-0.0530i	-0.0260-0.0422i	-0.0222-0.0406i	-3.3956-0.5570i	4.8390+1.2342i	-4.3230+0.1982i	3.3578+0.7809i
64.9	-0.0420-0.0709i	-0.0476-0.0530i	-0.0241-0.0419i	-0.0207-0.0411i	-3.3817-0.5777i	4.7365+1.2302i	-4.3537+0.2114i	3.2946+0.7574i
65.0	-0.0399-0.0706i	-0.0467-0.0496i	-0.0236-0.0410i	-0.0198-0.0399i	-3.3158-0.5401i	4.7578+1.1809i	-4.4209+0.2128i	3.3525+0.7115i
65.1	-0.0426-0.0714i	-0.0487-0.0502i	-0.0259-0.0422i	-0.0219-0.0401i	-3.2751-0.5209i	4.7593+1.2083i	-4.3740+0.2234i	3.3979+0.7305i
65.2	-0.0453-0.0695i	-0.0492-0.0502i	-0.0261-0.0419i	-0.0230-0.0390i	-3.2541-0.4921i	4.7360+1.1952i	-4.3969+0.2601i	3.4288+0.7935i
65.3	-0.0403-0.0653i	-0.0489-0.0482i	-0.0249-0.0393i	-0.0210-0.0373i	-3.2673-0.4689i	4.7281+1.1662i	-4.4366+0.2622i	3.4297+0.7755i
65.4	-0.0372-0.0614i	-0.0464-0.0461i	-0.0232-0.0369i	-0.0192-0.0351i	-3.2822-0.4910i	4.6871+1.1668i	-4.4773+0.2814i	3.4146+0.7846i
65.5	-0.0388-0.0601i	-0.0465-0.0448i	-0.0242-0.0357i	-0.0199-0.0346i	-3.3611-0.5623i	4.6996+1.1539i	-4.4511+0.2872i	3.4571+0.7622i
65.6	-0.0400-0.0616i	-0.0452-0.0459i	-0.0242-0.0365i	-0.0205-0.0350i	-3.2676-0.4720i	4.6619+1.1318i	-4.5470+0.2810i	3.4100+0.7890i
65.7	-0.0366-0.0596i	-0.0434-0.0439i	-0.0224-0.0356i	-0.0191-0.0332i	-3.2543-0.4708i	4.6334+1.1031i	-4.5624+0.2909i	3.4446+0.7551i
65.8	-0.0364-0.0567i	-0.0417-0.0403i	-0.0207-0.0337i	-0.0180-0.0326i	-3.2431-0.4305i	4.6534+1.1022i	-4.5806+0.3068i	3.5370+0.7364i
65.9	-0.0411-0.0613i	-0.0457-0.0419i	-0.0248-0.0344i	-0.0205-0.0344i	-3.2252-0.5342i	4.6540+1.1205i	-4.5696+0.3046i	3.5604+0.7302i
66.0	-0.0370-0.0592i	-0.0420-0.0392i	-0.0223-0.0321i	-0.0169-0.0322i	-3.1834-0.4853i	4.5921+1.0561i	-4.5332+0.3472i	3.5099+0.6896i
66.1	-0.0377-0.0564i	-0.0431-0.0376i	-0.0227-0.0318i	-0.0186-0.0309i	-3.2297-0.4787i	4.5793+1.0179i	-4.5327+0.3256i	3.4689+0.6141i
66.2	-0.0367-0.0575i	-0.0412-0.0390i	-0.0218-0.0328i	-0.0180-0.0316i	-3.1737-0.5030i	4.5423+1.0237i	-4.5793+0.3425i	3.4457+0.6153i
66.3	-0.0366-0.0580i	-0.0417-0.0391i	-0.0218-0.0324i	-0.0180-0.0311i	-3.1727-0.5261i	4.5153+1.0546i	-4.5961+0.3570i	3.4692+0.6654i
66.4	-0.0332-0.0523i	-0.0361-0.0384i	-0.0184-0.0306i	-0.0167-0.0291i	-3.0909-0.5709i	4.5014+1.0218i	-4.5934+0.4257i	3.4974+0.6147i
66.5	-0.0352-0.0513i	-0.0362-0.0377i	-0.0190-0.0292i	-0.0179-0.0293i	-3.1529-0.5022i	4.4801+0.9984i	-4.6681+0.3525i	3.4769+0.6545i
66.6	-0.0369-0.0493i	-0.0383-0.0373i	-0.0206-0.0288i	-0.0187-0.0285i	-3.1477-0.4464i	4.4585+0.9710i	-4.7282+0.3650i	3.4877+0.6580i
66.7	-0.0376-0.0451i	-0.0349-0.0360i	-0.0197-0.0277i	-0.0168-0.0272i	-3.1097-0.4604i	4.4234+0.9537i	-4.7359+0.4122i	3.5386+0.6296i
66.8	-0.0356-0.0435i	-0.0314-0.0398i	-0.0175-0.0281i	-0.0142-0.0269i	-3.0565-0.5518i	4.4063+0.9791i	-4.7437+0.4452i	3.5732+0.6598i
66.9	-0.0334-0.0472i	-0.0343-0.0391i	-0.0178-0.0285i	-0.0150-0.0272i	-3.0683-0.5398i	4.3935+0.9891i	-4.8091+0.4756i	3.5686+0.7377i
67.0	-0.0334-0.0496i	-0.0350-0.0383i	-0.0183-0.0293i	-0.0151-0.0285i	-3.1389-0.4985i	4.3720+0.9588i	-4.7675+0.3708i	3.4882+0.6544i
67.1	-0.0354-0.0498i	-0.0352-0.0389i	-0.0193-0.0306i	-0.0164-0.0292i	-3.0925-0.5506i	4.3528+0.9523i	-4.7671+0.3668i	3.5244+0.6218i
67.2	-0.0356-0.0440i	-0.0356-0.0356i	-0.0194-0.0266i	-0.0166-0.0264i	-2.9917-0.4639i	4.3218+0.9230i	-4.8479+0.4605i	3.5962+0.5853i
67.3	-0.0383-0.0374i	-0.0345-0.0320i	-0.0200-0.0222i	-0.0178-0.0227i	-3.0543-0.4380i	4.3294+0.9257i	-4.9047+0.5292i	3.6375+0.5933i
67.4	-0.0363-0.0342i	-0.0313-0.0316i	-0.0183-0.0214i	-0.0173-0.0210i	-3.0383-0.4198i	4.3053+0.8955i	-4.9179+0.6057i	3.6426+0.5497i
67.5	-0.0322-0.0386i	-0.0322-0.0335i	-0.0176-0.0236i	-0.0147-0.0224i	-3.0607-0.4617i	4.2625+0.9189i	-4.9484+0.6973i	3.6098+0.5851i
67.6	-0.0314-0.0402i	-0.0297-0.0337i	-0.0155-0.0243i	-0.0136-0.0235i	-2.9725-0.3713i	4.2559+0.9142i	-5.0265+0.7177i	3.6456+0.6304i
67.7	-0.0282-0.0422i	-0.0274-0.0346i	-0.0157-0.0250i	-0.0114-0.0243i	-2.9285-0.4504i	4.2501+0.8905i	-5.0042+0.6783i	3.6925+0.5834i
67.8	-0.0251-0.0448i	-0.0266-0.0357i	-0.0138-0.0264i	-0.0100-0.0261i	-2.9934-0.4293i	4.1987+0.8760i	-4.9587+0.6083i	3.6344+0.5104i
67.9	-0.0255-0.0418i	-0.0241-0.0354i	-0.0135-0.0263i	-0.0098-0.0253i	-2.9828-0.4305i	4.1520+0.8929i	-4.9773+0.6694i	3.6129+0.5569i
68.0	-0.0310-0.0437i	-0.0234-0.0327i	-0.0144-0.0259i	-0.0107-0.0257i	-2.9611-0.4981i	4.1995+0.8521i	-5.0108+0.6660i	3.7002+0.5217i
68.1	-0.0335-0.0430i	-0.0242-0.0331i	-0.0161-0.0257i	-0.0115-0.0257i	-2.9449-0.5073i	4.1589+0.8522i	-5.1033+0.6287i	3.6604+0.5318i
68.2	-0.0334-0.0348i	-0.0253-0.0310i	-0.0157-0.0227i	-0.0137-0.0202i	-2.9432-0.3766i	4.1324+0.8426i	-5.1887+0.7731i	3.6494+0.5233i
68.3	-0.0297-0.0267i	-0.0221-0.0244i	-0.0134-0.0169i	-0.0117-0.0143i	-2.9173-0.2719i	4.1098+0.7862i	-5.1733+0.8261i	3.6669+0.4958i
68.4	-0.0287-0.0236i	-0.0195-0.0253i	-0.0121-0.0156i	-0.0100-0.0133i	-2.8484-0.3282i	4.0794+0.8042i	-5.1991+0.9441i	3.7613+0.5158i
68.5	-0.0236-0.0308i	-0.0170-0.0324i	-0.0097-0.0210i	-0.0072-0.0182i	-2.7779-0.3835i	4.0508+0.8126i	-5.2279+0.9056i	3.7861+0.4619i
68.6	-0.0216-0.0288i	-0.0121-0.0322i	-0.0082-0.0203i	-0.0057-0.0173i	-2.7371-0.3634i	3.9984+0.8158i	-5.3459+0.9433i	3.7480+0.5046i

68.7	-0.0225-0.0269i	-0.0128-0.0316i	-0.0080-0.0183i	-0.0048-0.0164i	-2.8109-0.3325i	3.9725+0.7770i	-5.3031+0.9417i	3.7184+0.4694i
68.8	-0.0227-0.0280i	-0.0091-0.0316i	-0.0068-0.0188i	-0.0037-0.0180i	-2.8199-0.3418i	3.9584+0.7678i	-5.2736+0.9343i	3.7461+0.4334i
68.9	-0.0225-0.0269i	-0.0127-0.0303i	-0.0079-0.0181i	-0.0059-0.0169i	-2.7772-0.3867i	3.9796+0.7590i	-5.3147+0.9889i	3.7843+0.3909i
69.0	-0.0234-0.0254i	-0.0141-0.0333i	-0.0083-0.0186i	-0.0075-0.0169i	-2.8635-0.3967i	4.0014+0.7451i	-5.3446+1.0812i	3.8113+0.4026i
69.1	-0.0233-0.0275i	-0.0117-0.0340i	-0.0080-0.0201i	-0.0056-0.0183i	-2.8046-0.4292i	3.9689+0.8008i	-5.3616+1.2078i	3.8227+0.5117i
69.2	-0.0215-0.0254i	-0.0079-0.0299i	-0.0062-0.0183i	-0.0039-0.0162i	-2.7320-0.3715i	3.9327+0.7793i	-5.4385+1.1654i	3.8031+0.4817i
69.3	-0.0161-0.0229i	-0.0059-0.0303i	-0.0031-0.0182i	-0.0023-0.0142i	-2.7037-0.2773i	3.8823+0.7448i	-5.5424+1.1819i	3.7644+0.4538i
69.4	-0.0114-0.0236i	-0.0034-0.0367i	-0.0008-0.0207i	0.0009-0.0162i	-2.6996-0.2830i	3.8368+0.7470i	-5.4869+1.3577i	3.8265+0.4191i
69.5	-0.0116-0.0192i	0.0031-0.0321i	-0.0001-0.0161i	0.0025-0.0147i	-2.7262-0.3095i	3.8162+0.7187i	-5.4560+1.3253i	3.7959+0.3604i
69.6	-0.0136-0.0173i	0.0053-0.0337i	0.0001-0.0156i	0.0020-0.0144i	-2.7054-0.3246i	3.8431+0.7034i	-5.5258+1.2997i	3.8572+0.3557i
69.7	-0.0122-0.0172i	0.0021-0.0378i	-0.0008-0.0173i	0.0008-0.0155i	-2.6700-0.3484i	3.8544+0.7077i	-5.6328+1.3620i	3.9325+0.3356i
69.8	-0.0132-0.0189i	0.0014-0.0355i	-0.0005-0.0176i	0.0015-0.0153i	-2.6199-0.2813i	3.8530+0.6953i	-5.6184+1.4051i	3.9716+0.3245i
69.9	-0.0132-0.0213i	0.0026-0.0413i	-0.0009-0.0200i	0.0024-0.0170i	-2.5620-0.3278i	3.8434+0.7068i	-5.6677+1.5615i	4.0715+0.3418i
70.0	-0.0122-0.0180i	0.0082-0.0397i	0.0005-0.0186i	0.0042-0.0160i	-2.5880-0.2711i	3.7845+0.6714i	-5.6927+1.4944i	3.9571+0.3033i
70.1	-0.0066-0.0193i	0.0092-0.0374i	0.0044-0.0184i	0.0055-0.0157i	-2.5703-0.2316i	3.7662+0.6521i	-5.7063+1.5002i	4.0186+0.2605i
70.2	-0.0049-0.0189i	0.0075-0.0433i	0.0051-0.0202i	0.0062-0.0165i	-2.5320-0.3146i	3.7981+0.6871i	-5.7018+1.5926i	4.1642+0.2331i
70.3	-0.0044-0.0140i	0.0057-0.0431i	0.0031-0.0183i	0.0055-0.0149i	-2.4456-0.3344i	3.7467+0.6567i	-5.7883+1.5235i	4.0531+0.2242i
70.4	-0.0043-0.0095i	0.0140-0.0404i	0.0056-0.0169i	0.0088-0.0126i	-2.4646-0.3074i	3.6467+0.6377i	-5.9444+1.5817i	3.9068+0.2862i
70.5	-0.0053-0.0113i	0.0154-0.0401i	0.0063-0.0173i	0.0096-0.0137i	-2.4424-0.2802i	3.6632+0.6509i	-6.0508+1.7442i	4.0225+0.3698i
70.6	-0.0061-0.0115i	0.0171-0.0411i	0.0073-0.0173i	0.0090-0.0135i	-2.5046-0.1991i	3.6796+0.6270i	-6.0718+1.8885i	4.1699+0.3083i
70.7	-0.0071-0.0129i	0.0149-0.0410i	0.0048-0.0162i	0.0078-0.0141i	-2.5584-0.2126i	3.6971+0.5923i	-5.9233+1.9441i	4.2057+0.1861i
70.8	-0.0016-0.0138i	0.0075-0.0525i	0.0039-0.0210i	0.0070-0.0180i	-2.4117-0.3372i	3.6675+0.6083i	-5.8899+2.0065i	4.2104+0.1312i
70.9	-0.0009-0.0101i	0.0115-0.0513i	0.0063-0.0192i	0.0088-0.0178i	-2.4230-0.2794i	3.6701+0.5497i	-6.0173+1.9139i	4.2705+0.0593i
71.0	-0.0062-0.0074i	0.0176-0.0492i	0.0074-0.0177i	0.0087-0.0156i	-2.3885-0.2510i	3.6698+0.5415i	-6.1082+2.0527i	4.2955+0.0952i
71.1	-0.0042-0.0079i	0.0203-0.0536i	0.0084-0.0197i	0.0100-0.0158i	-2.3657-0.2799i	3.6438+0.5337i	-6.1582+2.1619i	4.2804+0.0442i
71.2	-0.0025-0.0074i	0.0237-0.0549i	0.0092-0.0192i	0.0128-0.0157i	-2.3661-0.2651i	3.6306+0.5307i	-6.2247+2.2855i	4.3395+0.1263i
71.3	0.0004-0.0058i	0.0228-0.0568i	0.0104-0.0198i	0.0135-0.0155i	-2.3538-0.2548i	3.6098+0.5261i	-6.2679+2.3238i	4.3637+0.0706i
71.4	-0.0016-0.0034i	0.0197-0.0566i	0.0089-0.0206i	0.0114-0.0152i	-2.2845-0.2547i	3.6059+0.5023i	-6.3171+2.3925i	4.4141-0.0145i
71.5	0.0000+0.0032i	0.0191-0.0624i	0.0088-0.0197i	0.0118-0.0155i	-2.3138-0.3059i	3.5827+0.5019i	-6.2358+2.4354i	4.4644-0.0100i
71.6	0.0006+0.0018i	0.0180-0.0641i	0.0083-0.0207i	0.0114-0.0162i	-2.3153-0.3054i	3.5838+0.5054i	-6.2884+2.5346i	4.5396-0.0369i
71.7	0.0035+0.0043i	0.0177-0.0596i	0.0089-0.0179i	0.0119-0.0138i	-2.3431-0.2445i	3.5186+0.4909i	-6.4778+2.5433i	4.4063+0.0396i
71.8	0.0057+0.0072i	0.0161-0.0608i	0.0084-0.0162i	0.0127-0.0125i	-2.3724-0.2254i	3.4946+0.4422i	-6.4475+2.5607i	4.3921-0.0651i
71.9	0.0116+0.0084i	0.0115-0.0672i	0.0088-0.0196i	0.0138-0.0145i	-2.3012-0.2515i	3.4850+0.4120i	-6.4335+2.8132i	4.4782-0.2133i
72.0	0.0153+0.0126i	0.0101-0.0695i	0.0096-0.0192i	0.0140-0.0129i	-2.2377-0.2042i	3.4804+0.3619i	-6.5820+2.9086i	4.5735-0.2507i
72.1	0.0165+0.0127i	0.0083-0.0677i	0.0090-0.0170i	0.0127-0.0125i	-2.2354-0.1424i	3.4576+0.3586i	-6.5304+2.9901i	4.5236-0.2126i
72.2	0.0145+0.0163i	0.0107-0.0710i	0.0095-0.0171i	0.0132-0.0130i	-2.2474-0.1505i	3.4610+0.3495i	-6.7396+2.9964i	4.5957-0.2528i
72.3	0.0185+0.0224i	0.0118-0.0801i	0.0102-0.0184i	0.0153-0.0144i	-2.2413-0.2130i	3.4196+0.3248i	-6.7647+3.3538i	4.6350-0.3421i
72.4	0.0206+0.0256i	0.0065-0.0797i	0.0086-0.0164i	0.0148-0.0133i	-2.2188-0.2273i	3.3912+0.3300i	-6.7806+3.4232i	4.6277-0.3568i
72.5	0.0191+0.0241i	0.0093-0.0803i	0.0088-0.0171i	0.0151-0.0123i	-2.1358-0.2065i	3.3488+0.3236i	-6.7671+3.3597i	4.5807-0.3316i
72.6	0.0275+0.0286i	-0.0002-0.0911i	0.0087-0.0189i	0.0142-0.0142i	-2.0718-0.1762i	3.3060+0.3332i	-6.7886+3.7707i	4.7231-0.4137i
72.7	0.0324+0.0266i	0.0001-0.0939i	0.0106-0.0220i	0.0161-0.0171i	-2.0620-0.2072i	3.2906+0.3525i	-6.8740+3.9982i	4.7780-0.3553i
72.8	0.0308+0.0278i	0.0003-0.0867i	0.0095-0.0195i	0.0146-0.0131i	-2.0923-0.2552i	3.2748+0.2861i	-6.9634+3.9852i	4.7145-0.4489i
72.9	0.0354+0.0285i	-0.0029-0.0784i	0.0102-0.0150i	0.0150-0.0102i	-2.1241-0.2296i	3.2692+0.2437i	-6.9482+4.0580i	4.7200-0.5422i
73.0	0.0396+0.0331i	-0.0068-0.0867i	0.0093-0.0145i	0.0162-0.0104i	-2.1169-0.1523i	3.2207+0.2346i	-6.9709+4.2696i	4.7332-0.4453i
73.1	0.0474+0.0380i	-0.0118-0.0898i	0.0105-0.0140i	0.0164-0.0090i	-2.0123-0.1373i	3.1983+0.2146i	-7.0418+4.5406i	4.8437-0.5356i
73.2	0.0512+0.0360i	-0.0093-0.0893i	0.0130-0.0151i	0.0189-0.0098i	-2.0119-0.1959i	3.1548+0.2176i	-7.0869+4.7322i	4.8821-0.4925i
73.3	0.0529+0.0338i	-0.0121-0.0811i	0.0123-0.0135i	0.0177-0.0085i	-2.0045-0.1080i	3.1336+0.2171i	-7.1224+4.5380i	4.7988-0.4832i
73.4	0.0617+0.0301i	-0.0216-0.0784i	0.0124-0.0127i	0.0186-0.0088i	-1.9892-0.1987i	3.1448+0.2027i	-6.7605+4.8101i	4.9104-0.6516i
73.5	0.0686+0.0362i	-0.0201-0.0817i	0.0153-0.0108i	0.0217-0.0076i	-1.9094-0.2850i	3.0915+0.2148i	-6.9527+5.0900i	4.9310-0.5976i
73.6	0.0722+0.0404i	-0.0206-0.0825i	0.0159-0.0094i	0.0213-0.0071i	-1.9643-0.1984i	3.0625+0.1612i	-6.9191+5.2281i	4.9530-0.7345i
73.7	0.0746+0.0364i	-0.0224-0.0768i	0.0161-0.0082i	0.0226-0.0074i	-1.9545-0.1820i	3.0505+0.1400i	-6.7255+5.5017i	4.9900-0.8026i
73.8	0.0790+0.0377i	-0.0206-0.0725i	0.0176-0.0072i	0.0245-0.0043i	-1.8484-0.1887i	3.0413+0.1689i	-7.0230+5.6953i	5.0506-0.7085i
73.9	0.0900+0.0380i	-0.0220-0.0726i	0.0203-0.0077i	0.0275-0.0028i	-1.7885-0.1987i	2.9863+0.1374i	-7.2102+6.1518i	5.0677-0.8329i
74.0	0.0936+0.0326i	-0.0275-0.0674i	0.0201-0.0089i	0.0278-0.0023i	-1.7794-0.1504i	2.9630+0.0948i	-7.0466+6.1312i	5.0784-0.9383i
74.1	0.0944+0.0272i	-0.0295-0.0668i	0.0210-0.0093i	0.0287-0.0045i	-1.8111-0.2640i	2.9134+0.0947i	-6.7952+6.4573i	5.1406-1.0001i
74.2	0.0960+0.0274i	-0.0295-0.0656i	0.0209-0.0076i	0.0287-0.0038i	-1.7439-0.2713i	2.8820+0.0974i	-6.7293+6.7045i	5.0914-1.0895i
74.3	0.0992+0.0286i	-0.0262-0.0632i	0.0215-0.0059i	0.0300-0.0037i	-1.7634-0.1723i	2.8382+0.0923i	-6.7914+6.7684i	5.0160-1.0029i
74.4	0.1011+0.0281i	-0.0224-0.0641i	0.0243-0.0064i	0.0334-0.0045i	-1.7412-0.1959i	2.8159+0.1005i	-6.8436+7.1436i	5.2046-0.9201i
74.5	0.1068+0.0223i	-0.0224-0.0625i	0.0264-0.0067i	0.0357-0.0053i	-1.6998-0.2924i	2.7905+0.1086i	-6.8333+7.5174i	5.2131-0.9612i
74.6	0.1150+0.0226i	-0.0263-0.0580i	0.0275-0.0051i	0.0362-0.0021i	-1.6680-0.3087i	2.7817+0.0549i	-6.5767+7.7194i	5.2081-1.1561i
74.7	0.1177+0.0235i	-0.0260-0.0544i	0.0284-0.0043i	0.0392-0.0002i	-1.6780-0.2171i	2.7654+0.0118i	-6.4645+7.9412i	5.2080-1.2601i
74.8	0.1209+0.0208i	-0.0203-0.0533i	0.0302-0.0040i	0.0411-0.0010i	-1.6456-0.2084i	2.7322+0.0201i	-6.2069+8.4598i	5.3741-1.2944i
74.9	0.1273+0.0234i	-0.0195-0.0516i	0.0322-0.0020i	0.0434-0.0003i	-1.5855-0.2783i	2.6769+0.0024i	-6.1385+8.7026i	5.3969-1.3070i

75.0	0.1312+0.0164i	-0.0199-0.0495i	0.0350-0.0034i	0.0454-0.0025i	-1.6414-0.3530i	2.6559+0.0289i	-5.7607+8.7670i	5.4924-1.4174i
75.1	0.1363+0.0138i	-0.0197-0.0481i	0.0373-0.0044i	0.0472-0.0030i	-1.6021-0.3406i	2.6679+0.0394i	-5.3196+8.8716i	5.6609-1.5896i
75.2	0.1363+0.0138i	-0.0193-0.0465i	0.0378-0.0037i	0.0480-0.0019i	-1.5588-0.2840i	2.6329+0.0658i	-5.2782+9.1425i	5.5738-1.4622i
75.3	0.1492+0.0102i	-0.0184-0.0456i	0.0432-0.0027i	0.0537-0.0030i	-1.4639-0.3455i	2.5623+0.0084i	-5.0423+9.4463i	5.5921-1.7921i
75.4	0.1519+0.0080i	-0.0158-0.0479i	0.0441-0.0042i	0.0563-0.0052i	-1.4258-0.3224i	2.4912-0.0058i	-4.7887+9.7014i	5.5512-1.8000i
75.5	0.1583-0.0002i	-0.0132-0.0485i	0.0465-0.0068i	0.0599-0.0081i	-1.4714-0.3899i	2.4515+0.0098i	-4.2111+10.0484i	5.5565-1.7817i
75.6	0.1657+0.0028i	-0.0104-0.0472i	0.0491-0.0060i	0.0616-0.0071i	-1.4301-0.4071i	2.4308-0.0264i	-4.0005+10.2355i	5.5864-1.9189i
75.7	0.1682-0.0022i	-0.0092-0.0452i	0.0522-0.0055i	0.0640-0.0082i	-1.4042-0.4532i	2.3963-0.0232i	-3.8535+10.3769i	5.6236-1.8902i
75.8	0.1675-0.0147i	-0.0109-0.0438i	0.0522-0.0091i	0.0629-0.0121i	-1.4777-0.5089i	2.3581+0.0092i	-3.2441+10.4973i	5.6329-1.8564i
75.9	0.1665-0.0158i	-0.0082-0.0441i	0.0515-0.0116i	0.0622-0.0136i	-1.5232-0.5130i	2.3510+0.0134i	-2.8591+10.2286i	5.7246-2.0854i
76.0	0.1751-0.0164i	-0.0063-0.0449i	0.0558-0.0116i	0.0663-0.0139i	-1.4573-0.4658i	2.2459+0.0237i	-2.5249+10.3657i	5.7593-2.0752i
76.1	0.1816-0.0241i	-0.0046-0.0434i	0.0591-0.0135i	0.0696-0.0168i	-1.3634-0.4532i	2.2337-0.0163i	-1.9479+10.6526i	5.7702-2.2034i
76.2	0.1869-0.0350i	-0.0015-0.0435i	0.0619-0.0164i	0.0733-0.0202i	-1.3287-0.6102i	2.2242-0.0297i	-1.5759+10.7177i	5.7386-2.4805i
76.3	0.1931-0.0362i	0.0025-0.0445i	0.0655-0.0177i	0.0757-0.0212i	-1.3389-0.6289i	2.1778-0.0264i	-1.2234+10.8386i	5.8469-2.4638i
76.4	0.1875-0.0401i	-0.0026-0.0434i	0.0619-0.0193i	0.0727-0.0233i	-1.3462-0.5913i	2.1545+0.0299i	-0.6498+10.3627i	5.9403-2.4896i
76.5	0.1835-0.0416i	-0.0020-0.0414i	0.0600-0.0180i	0.0713-0.0232i	-1.4944-0.5400i	2.1147+0.0189i	-0.3250+10.3614i	6.1752-2.5457i
76.6	0.1833-0.0419i	0.0014-0.0397i	0.0620-0.0163i	0.0709-0.0221i	-1.4461-0.5052i	2.1306-0.0006i	-0.1694+10.1142i	6.2547-2.6883i
76.7	0.1857-0.0483i	0.0047-0.0426i	0.0639-0.0201i	0.0729-0.0255i	-1.3495-0.5419i	2.1157+0.0326i	0.1526+10.0110i	6.2082-2.8180i
76.8	0.1912-0.0537i	0.0066-0.0415i	0.0669-0.0220i	0.0754-0.0267i	-1.3826-0.5560i	2.0795+0.0290i	0.7258+9.7848i	6.3025-3.0796i
76.9	0.1941-0.0586i	0.0091-0.0446i	0.0679-0.0238i	0.0772-0.0280i	-1.3306-0.6552i	2.0369+0.0599i	1.1855+9.6764i	6.5239-3.1290i
77.0	0.1920-0.0647i	0.0073-0.0491i	0.0649-0.0274i	0.0750-0.0326i	-1.4110-0.7191i	2.0001+0.1171i	1.4526+9.2330i	6.3983-3.1748i
77.1	0.1932-0.0620i	0.0087-0.0479i	0.0663-0.0259i	0.0776-0.0311i	-1.4516-0.6905i	1.9730+0.0595i	1.3294+9.1687i	6.3077-3.2388i
77.2	0.1945-0.0635i	0.0089-0.0457i	0.0669-0.0246i	0.0779-0.0312i	-1.4761-0.6371i	1.9997+0.0365i	1.4692+8.8154i	6.6175-3.4190i
77.3	0.1967-0.0663i	0.0115-0.0459i	0.0693-0.0256i	0.0784-0.0316i	-1.4551-0.6937i	1.9972+0.0691i	1.7608+8.5550i	6.7350-3.5954i
77.4	0.2013-0.0652i	0.0152-0.0430i	0.0728-0.0246i	0.0803-0.0291i	-1.4689-0.6975i	1.9604+0.0254i	1.7736+8.4343i	6.7082-3.9134i
77.5	0.2081-0.0726i	0.0187-0.0455i	0.0763-0.0266i	0.0848-0.0323i	-1.4699-0.6295i	1.8508+0.0192i	1.8617+8.2282i	6.2719-4.2046i
77.6	0.2092-0.0758i	0.0189-0.0473i	0.0781-0.0287i	0.0837-0.0338i	-1.4403-0.6379i	1.8026+0.0454i	2.3099+7.6882i	6.5494-4.5291i
77.7	0.2220-0.0740i	0.0235-0.0469i	0.0832-0.0279i	0.0879-0.0337i	-1.4693-0.5688i	1.7426+0.0054i	2.0536+7.5296i	6.3651-4.8353i
77.8	0.2225-0.0804i	0.0255-0.0482i	0.0834-0.0299i	0.0895-0.0373i	-1.4502-0.5783i	1.7127+0.0334i	2.0604+7.4487i	6.1538-4.7406i
77.9	0.2300-0.0903i	0.0273-0.0519i	0.0861-0.0346i	0.0930-0.0397i	-1.3805-0.6662i	1.6746+0.0580i	2.4717+7.2484i	6.3001-5.0895i
78.0	0.2276-0.0939i	0.0273-0.0538i	0.0859-0.0359i	0.0917-0.0407i	-1.5278-0.6192i	1.6652+0.0594i	2.5009+6.7715i	6.3718-5.3840i
78.1	0.2392-0.1050i	0.0313-0.0536i	0.0914-0.0379i	0.0986-0.0445i	-1.5077-0.6579i	1.5731+0.0528i	2.6606+6.6789i	6.2091-5.7061i
78.2	0.2426-0.1149i	0.0348-0.0554i	0.0944-0.0429i	0.1000-0.0490i	-1.4655-0.7106i	1.5347+0.0765i	2.5645+6.2743i	5.7595-6.0558i
78.3	0.2414-0.1149i	0.0365-0.0561i	0.0937-0.0444i	0.1018-0.0484i	-1.5262-0.7318i	1.5587+0.1021i	2.3735+6.0132i	5.7137-6.2103i
78.4	0.2531-0.1154i	0.0387-0.0594i	0.0979-0.0456i	0.1076-0.0495i	-1.5396-0.6575i	1.4487+0.1184i	2.2050+5.9259i	5.6040-6.3484i
78.5	0.2598-0.1259i	0.0388-0.0603i	0.1009-0.0471i	0.1091-0.0539i	-1.5037-0.5960i	1.4133+0.1359i	2.0907+5.5802i	5.4584-6.7406i
78.6	0.2575-0.1289i	0.0395-0.0616i	0.1011-0.0484i	0.1090-0.0553i	-1.6119-0.5725i	1.4167+0.1510i	2.0686+5.2335i	5.4370-6.7895i
78.7	0.2602-0.1399i	0.0406-0.0671i	0.1002-0.0530i	0.1080-0.0606i	-1.6707-0.6364i	1.3838+0.1786i	1.9384+4.9668i	5.2614-6.7941i
78.8	0.2690-0.1412i	0.0429-0.0689i	0.1040-0.0530i	0.1119-0.0624i	-1.6171-0.5934i	1.2701+0.2105i	1.4499+4.6265i	5.0916-7.1693i
78.9	0.2834-0.1479i	0.0451-0.0692i	0.1101-0.0548i	0.1184-0.0653i	-1.6123-0.5174i	1.2188+0.2510i	0.8445+4.4499i	4.8535-7.4624i
79.0	0.3075-0.1502i	0.0596-0.0708i	0.1240-0.0560i	0.1292-0.0655i	-1.5330-0.3789i	1.1843+0.2772i	-0.2266+5.0410i	4.4608-7.6390i
79.1	0.3278-0.1847i	0.0693-0.0891i	0.1355-0.0734i	0.1395-0.0794i	-1.2635-0.2782i	1.1429+0.3322i	-0.5230+6.7102i	3.8144-7.3207i
79.2	0.3233-0.2250i	0.0628-0.1072i	0.1354-0.0939i	0.1384-0.0986i	-1.1324-0.4386i	1.1382+0.4126i	0.9789+7.5568i	3.8633-7.2030i
79.3	0.2975-0.2454i	0.0494-0.1137i	0.1246-0.1027i	0.1264-0.1090i	-1.2144-0.5574i	1.1618+0.4802i	2.0624+6.8999i	4.1235-7.3031i
79.4	0.2736-0.2592i	0.0401-0.1169i	0.1123-0.1091i	0.1159-0.1149i	-1.3132-0.5898i	1.1351+0.5124i	2.3406+6.4253i	3.7651-7.2158i
79.5	0.2523-0.2784i	0.0303-0.1153i	0.1015-0.1142i	0.1063-0.1228i	-1.2994-0.6381i	1.1463+0.6416i	2.6876+5.8935i	3.5326-7.4124i
79.6	0.2421-0.2856i	0.0278-0.1140i	0.0972-0.1142i	0.1023-0.1252i	-1.3535-0.6563i	1.1744+0.6291i	2.3471+5.4359i	3.0866-7.9219i
79.7	0.2487-0.2982i	0.0262-0.1180i	0.0984-0.1202i	0.1046-0.1307i	-1.2748-0.6961i	1.0850+0.6665i	2.4969+5.5149i	3.0609-7.9707i
79.8	0.2434-0.3068i	0.0228-0.1187i	0.0964-0.1257i	0.1009-0.1344i	-1.2652-0.7469i	1.0563+0.7195i	2.3745+5.5330i	2.8334-7.8247i
79.9	0.2316-0.3129i	0.0177-0.1177i	0.0916-0.1267i	0.0957-0.1370i	-1.3255-0.7185i	1.0912+0.7866i	2.2564+5.1381i	2.5004-7.9204i
80.0	0.2139-0.3350i	0.0109-0.1196i	0.0828-0.1343i	0.0859-0.1446i	-1.4873-0.7779i	1.1654+0.8741i	2.4795+4.9302i	2.3103-8.0777i

1.1.37 Run 11 – IP000NVP – NF and AF gauges

In-plane shaking at 0° with no vertical shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1 (lb/lb)	NF000B1 (lb/lb)	NF270B1 (lb/lb)	NF090B1 (lb/lb)	AF180B1 (lb/lb)	AF000B1 (lb/lb)	AF270B1 (lb/lb)	AF090B1 (lb/lb)
0.0	0.0924+0.0000i	-0.2776+0.0000i	0.6331+0.0000i	1.1038+0.0000i	0.0490+0.0000i	-0.0460+0.0000i	0.0153+0.0000i	0.0850+0.0000i
0.1	0.1323+0.0034i	-0.3097+0.0040i	0.6181+0.0014i	1.0899-0.0043i	0.0537+0.0020i	-0.0399+0.0017i	0.0221+0.0008i	0.0892-0.0002i
0.2	1.5691+0.0407i	-1.3796-0.1316i	0.0868-0.0772i	-0.0689+0.0450i	0.2116+0.0053i	0.2109-0.0114i	0.2702-0.0083i	0.2768-0.0122i
0.3	1.4843-0.1051i	-1.3765-0.0199i	0.0609-0.0698i	-0.0440+0.0286i	0.2026-0.0028i	0.2149+0.0021i	0.2651-0.0033i	0.2480-0.0245i
0.4	1.3855-0.0264i	-1.3530-0.0201i	0.2464-0.0222i	-0.2410-0.0343i	0.2108-0.0031i	0.2022-0.0014i	0.2773+0.0112i	0.2593-0.0030i
0.5	1.4785+0.3019i	-1.3916-0.2685i	0.1164-0.1747i	-0.2444+0.0318i	0.2241+0.0270i	0.1809-0.0039i	0.2781-0.0122i	0.2872+0.0031i
0.6	1.5839+0.0016i	-1.4947-0.0643i	-0.7850+0.0274i	0.7384-0.0156i	0.2234-0.0004i	0.2277+0.0041i	0.2712-0.0162i	0.2838+0.0062i
0.7	1.5750+0.0013i	-1.5030-0.0207i	-0.8680+0.0063i	0.8526-0.0236i	0.2224+0.0016i	0.2243+0.0041i	0.2664-0.0102i	0.3043+0.0113i
0.8	1.5163+0.0063i	-1.4171-0.0886i	-0.7520+0.0968i	0.7775-0.1117i	0.2231-0.0001i	0.2202+0.0042i	0.2706-0.0098i	0.3091+0.0067i
0.9	1.5436+0.0395i	-1.4369-0.1440i	-0.5356+0.2156i	0.5563-0.2394i	0.2241-0.0008i	0.2210+0.0037i	0.2756-0.0039i	0.3105+0.0034i
1.0	1.6769-0.0213i	-1.7244-0.0299i	0.2754+0.1736i	-0.3076-0.1521i	0.2258+0.0013i	0.2318-0.0017i	0.3003+0.0081i	0.2994-0.0060i
1.1	1.6678-0.0250i	-1.6856+0.0025i	0.2630+0.0171i	-0.2812-0.0132i	0.2285+0.0012i	0.2338-0.0015i	0.3068+0.0029i	0.3049-0.0049i
1.2	1.6674-0.0281i	-1.6747+0.0099i	0.2917-0.0913i	-0.2986+0.0913i	0.2309+0.0004i	0.2364-0.0007i	0.3112+0.0005i	0.3053-0.0037i
1.3	1.6582-0.0327i	-1.6673+0.0216i	0.1910-0.2413i	-0.1970+0.2391i	0.2334+0.0010i	0.2384-0.0000i	0.3129-0.0048i	0.3080+0.0021i
1.4	1.6592-0.0255i	-1.6493+0.0084i	-0.1357-0.1026i	0.1096+0.1029i	0.2398+0.0010i	0.2435+0.0004i	0.3098-0.0046i	0.3272+0.0024i
1.5	1.6688-0.0234i	-1.6521+0.0020i	-0.0892-0.0038i	0.0688+0.0084i	0.2458-0.0019i	0.2490-0.0023i	0.3191-0.0040i	0.3369-0.0033i
1.6	1.6814-0.0207i	-1.6651-0.0003i	-0.0704+0.0000i	0.0482+0.0011i	0.2527-0.0007i	0.2557-0.0012i	0.3306-0.0029i	0.3467-0.0019i
1.7	1.7020-0.0224i	-1.6809+0.0041i	-0.0657+0.0008i	0.0450-0.0023i	0.2626-0.0009i	0.2659-0.0011i	0.3455-0.0027i	0.3632-0.0024i
1.8	1.7325-0.0299i	-1.7093+0.0115i	-0.0607+0.0031i	0.0434-0.0051i	0.2784-0.0039i	0.2818-0.0041i	0.3693-0.0073i	0.3885-0.0068i
1.9	1.7692-0.0368i	-1.7406+0.0182i	-0.0613+0.0065i	0.0444-0.0075i	0.2958-0.0073i	0.2991-0.0073i	0.3951-0.0126i	0.4166-0.0120i
2.0	1.8268-0.0345i	-1.7925+0.0166i	-0.0637+0.0159i	0.0477-0.0146i	0.3236-0.0060i	0.3268-0.0061i	0.4366-0.0111i	0.4616-0.0101i
2.1	1.8868-0.0533i	-1.8471+0.0305i	-0.0549+0.0270i	0.0401-0.0237i	0.3534-0.0141i	0.3563-0.0142i	0.4805-0.0238i	0.5098-0.0229i
2.2	2.0676-0.1161i	-2.0127+0.0857i	-0.0204+0.0248i	0.0078-0.0221i	0.4434-0.0447i	0.4449-0.0441i	0.6125-0.0692i	0.6545-0.0710i
2.3	2.0185-0.5800i	-1.9647+0.5151i	-0.0309-0.0132i	0.0121+0.0167i	0.4201-0.2771i	0.4208-0.2751i	0.5762-0.4125i	0.6177-0.4487i
2.4	0.9958-0.2471i	-1.0505+0.2105i	-0.0568+0.0072i	0.0520-0.0007i	-0.0786-0.1124i	-0.0732-0.1139i	-0.1604-0.1673i	-0.1869-0.1827i
2.5	1.1983-0.1048i	-1.2274+0.0839i	-0.0486+0.0031i	0.0438-0.0016i	0.0181-0.0435i	0.0231-0.0445i	-0.0172-0.0646i	-0.0309-0.0700i
2.6	1.3072-0.0537i	-1.3256+0.0389i	-0.0451+0.0031i	0.0397-0.0018i	0.0704-0.0188i	0.0750-0.0198i	0.0604-0.0280i	0.0538-0.0308i
2.7	1.3770-0.0360i	-1.3887+0.0243i	-0.0449+0.0027i	0.0394-0.0015i	0.1036-0.0102i	0.1079-0.0110i	0.1098-0.0156i	0.1074-0.0169i
2.8	1.4147-0.0309i	-1.4212+0.0209i	-0.0456+0.0015i	0.0389-0.0010i	0.1213-0.0079i	0.1251-0.0083i	0.1359-0.0121i	0.1358-0.0130i
2.9	1.4402-0.0304i	-1.4448+0.0202i	-0.0455+0.0010i	0.0386-0.0003i	0.1339-0.0079i	0.1376-0.0082i	0.1543-0.0119i	0.1562-0.0128i
3.0	1.4608-0.0269i	-1.4628+0.0164i	-0.0455+0.0011i	0.0388-0.0003i	0.1431-0.0063i	0.1467-0.0066i	0.1680-0.0096i	0.1713-0.0103i
3.1	1.4753-0.0241i	-1.4766+0.0129i	-0.0446+0.0014i	0.0392+0.0007i	0.1496-0.0045i	0.1533-0.0049i	0.1778-0.0071i	0.1817-0.0074i
3.2	1.4881-0.0240i	-1.4888+0.0148i	-0.0451+0.0007i	0.0406+0.0013i	0.1555-0.0044i	0.1592-0.0049i	0.1864-0.0069i	0.1913-0.0072i
3.3	1.4987-0.0219i	-1.4976+0.0134i	-0.0452+0.0020i	0.0414+0.0001i	0.1597-0.0040i	0.1633-0.0046i	0.1928-0.0063i	0.1979-0.0069i
3.4	1.5111-0.0226i	-1.5075+0.0129i	-0.0443+0.0016i	0.0400+0.0004i	0.1649-0.0038i	0.1684-0.0043i	0.2003-0.0061i	0.2058-0.0064i
3.5	1.5187-0.0223i	-1.5143+0.0126i	-0.0443+0.0010i	0.0402+0.0001i	0.1680-0.0038i	0.1714-0.0043i	0.2047-0.0060i	0.2106-0.0065i
3.6	1.5265-0.0216i	-1.5215+0.0122i	-0.0445+0.0005i	0.0407-0.0003i	0.1707-0.0037i	0.1742-0.0041i	0.2087-0.0058i	0.2152-0.0064i
3.7	1.5349-0.0214i	-1.5280+0.0119i	-0.0442+0.0008i	0.0418+0.0001i	0.1734-0.0033i	0.1770-0.0038i	0.2127-0.0054i	0.2195-0.0060i
3.8	1.5416-0.0207i	-1.5346+0.0119i	-0.0438+0.0007i	0.0419+0.0003i	0.1761-0.0031i	0.1795-0.0036i	0.2167-0.0050i	0.2237-0.0054i
3.9	1.5486-0.0212i	-1.5415+0.0121i	-0.0436+0.0008i	0.0419+0.0006i	0.1785-0.0033i	0.1819-0.0037i	0.2202-0.0051i	0.2275-0.0058i
4.0	1.5554-0.0206i	-1.5468+0.0121i	-0.0434+0.0005i	0.0425+0.0009i	0.1805-0.0031i	0.1840-0.0035i	0.2232-0.0050i	0.2305-0.0054i
4.1	1.5629-0.0212i	-1.5534+0.0136i	-0.0435-0.0005i	0.0435+0.0003i	0.1830-0.0036i	0.1864-0.0039i	0.2266-0.0058i	0.2342-0.0063i
4.2	1.5685-0.0217i	-1.5573+0.0137i	-0.0424-0.0000i	0.0435+0.0007i	0.1845-0.0038i	0.1879-0.0044i	0.2287-0.0060i	0.2365-0.0068i
4.3	1.5764-0.0240i	-1.5632+0.0150i	-0.0431+0.0003i	0.0448+0.0002i	0.1867-0.0041i	0.1900-0.0047i	0.2319-0.0067i	0.2401-0.0073i
4.4	1.5816-0.0249i	-1.5692+0.0159i	-0.0428+0.0001i	0.0450+0.0002i	0.1885-0.0050i	0.1918-0.0053i	0.2346-0.0079i	0.2429-0.0083i
4.5	1.5866-0.0247i	-1.5736+0.0162i	-0.0411-0.0001i	0.0446+0.0002i	0.1895-0.0050i	0.1928-0.0052i	0.2361-0.0079i	0.2446-0.0084i
4.6	1.5940-0.0266i	-1.5792+0.0177i	-0.0406-0.0010i	0.0447+0.0007i	0.1912-0.0053i	0.1943-0.0056i	0.2382-0.0086i	0.2470-0.0094i
4.7	1.6013-0.0269i	-1.5854+0.0189i	-0.0401-0.0002i	0.0468+0.0006i	0.1931-0.0056i	0.1963-0.0061i	0.2410-0.0091i	0.2503-0.0100i
4.8	1.6087-0.0272i	-1.5916+0.0186i	-0.0399-0.0002i	0.0471+0.0001i	0.1951-0.0059i	0.1984-0.0062i	0.2441-0.0093i	0.2528-0.0100i
4.9	1.6157-0.0289i	-1.5959+0.0181i	-0.0393+0.0006i	0.0473-0.0004i	0.1967-0.0062i	0.2003-0.0066i	0.2465-0.0100i	0.2558-0.0106i
5.0	1.6226-0.0301i	-1.6025+0.0206i	-0.0392+0.0012i	0.0485-0.0003i	0.1983-0.0070i	0.2015-0.0075i	0.2486-0.0109i	0.2583-0.0120i
5.1	1.6309-0.0330i	-1.6081+0.0233i	-0.0385-0.0007i	0.0496-0.0003i	0.2003-0.0081i	0.2033-0.0086i	0.2512-0.0124i	0.2611-0.0130i
5.2	1.6411-0.0370i	-1.6154+0.0270i	-0.0366+0.0002i	0.0511-0.0008i	0.2023-0.0091i	0.2055-0.0096i	0.2546-0.0139i	0.2640-0.0148i
5.3	1.6477-0.0403i	-1.6204+0.0313i	-0.0364-0.0013i	0.0516-0.0012i	0.2037-0.0102i	0.2069-0.0107i	0.2564-0.0156i	0.2658-0.0173i
5.4	1.6560-0.0445i	-1.6239+0.0344i	-0.0346-0.0000i	0.0526-0.0025i	0.2054-0.0120i	0.2088-0.0122i	0.2588-0.0181i	0.2689-0.0199i
5.5	1.6629-0.0477i	-1.6282+0.0356i	-0.0324+0.0018i	0.0535-0.0015i	0.2066-0.0134i	0.2099-0.0136i	0.2606-0.0202i	0.2704-0.0219i
5.6	1.6722-0.0521i	-1.6325+0.0387i	-0.0309+0.0000i	0.0570-0.0023i	0.2073-0.0148i	0.2103-0.0152i	0.2613-0.0226i	0.2713-0.0243i

5.7	1.6777-0.0551i	-1.6369+0.0398i	-0.0291-0.0005i	0.0587-0.0037i	0.2083-0.0158i	0.2114-0.0162i	0.2627-0.0238i	0.2728-0.0260i
5.8	1.6866-0.0661i	-1.6431+0.0448i	-0.0283-0.0010i	0.0594-0.0044i	0.2091-0.0186i	0.2123-0.0189i	0.2638-0.0280i	0.2740-0.0305i
5.9	1.6874-0.0716i	-1.6418+0.0494i	-0.0264-0.0021i	0.0610-0.0059i	0.2071-0.0203i	0.2104-0.0206i	0.2605-0.0305i	0.2706-0.0334i
6.0	1.6918-0.0742i	-1.6445+0.0532i	-0.0212-0.0033i	0.0627-0.0078i	0.2069-0.0213i	0.2102-0.0216i	0.2600-0.0318i	0.2696-0.0349i
6.1	1.7010-0.0754i	-1.6484+0.0519i	-0.0172-0.0036i	0.0650-0.0082i	0.2074-0.0207i	0.2105-0.0211i	0.2606-0.0311i	0.2702-0.0334i
6.2	1.7109-0.0744i	-1.6517+0.0493i	-0.0123-0.0055i	0.0677-0.0080i	0.2083-0.0197i	0.2112-0.0203i	0.2614-0.0296i	0.2717-0.0327i
6.3	1.7262-0.0732i	-1.6571+0.0474i	-0.0076-0.0074i	0.0724-0.0076i	0.2102-0.0186i	0.2133-0.0192i	0.2643-0.0280i	0.2743-0.0313i
6.4	1.7494-0.0752i	-1.6658+0.0459i	-0.0009-0.0116i	0.0802-0.0101i	0.2140-0.0184i	0.2169-0.0189i	0.2697-0.0274i	0.2801-0.0307i
6.5	1.7677-0.0850i	-1.6713+0.0464i	0.0074-0.0148i	0.0881-0.0149i	0.2157-0.0201i	0.2184-0.0205i	0.2720-0.0300i	0.2825-0.0333i
6.6	1.7853-0.0976i	-1.6772+0.0485i	0.0171-0.0223i	0.0985-0.0222i	0.2172-0.0210i	0.2197-0.0214i	0.2741-0.0316i	0.2843-0.0351i
6.7	1.8157-0.1110i	-1.6833+0.0480i	0.0305-0.0284i	0.1111-0.0272i	0.2204-0.0224i	0.2228-0.0226i	0.2783-0.0334i	0.2893-0.0364i
6.8	1.8460-0.1410i	-1.6900+0.0494i	0.0439-0.0433i	0.1251-0.0424i	0.2236-0.0262i	0.2257-0.0262i	0.2823-0.0382i	0.2938-0.0419i
6.9	1.9017-0.1910i	-1.6983+0.0503i	0.0714-0.0715i	0.1513-0.0710i	0.2295-0.0311i	0.2313-0.0304i	0.2906-0.0450i	0.3017-0.0496i
7.0	1.9505-0.2789i	-1.7039+0.0465i	0.0955-0.1221i	0.1767-0.1199i	0.2340-0.0394i	0.2360-0.0381i	0.2966-0.0569i	0.3086-0.0615i
7.1	1.9120-0.4796i	-1.7101+0.0446i	0.0731-0.2442i	0.1542-0.2393i	0.2279-0.0586i	0.2306-0.0555i	0.2879-0.0826i	0.2992-0.0895i
7.2	1.7069-0.5711i	-1.7256+0.0362i	-0.0558-0.3065i	0.0276-0.2958i	0.2081-0.0643i	0.2125-0.0613i	0.2615-0.0897i	0.2710-0.0970i
7.3	1.5411-0.5021i	-1.7468+0.0405i	-0.1690-0.2621i	-0.0819-0.2561i	0.1960-0.0565i	0.2015-0.0546i	0.2459-0.0797i	0.2531-0.0858i
7.4	1.4142-0.3776i	-1.7605+0.0522i	-0.2484-0.1781i	-0.1636-0.1827i	0.1851-0.0455i	0.1914-0.0449i	0.2310-0.0650i	0.2366-0.0696i
7.5	1.4287-0.2396i	-1.7720+0.0536i	-0.2447-0.0990i	-0.1641-0.1020i	0.1883-0.0309i	0.1940-0.0314i	0.2348-0.0445i	0.2414-0.0485i
7.6	1.4966-0.1445i	-1.7901+0.0550i	-0.2163-0.0466i	-0.1377-0.0462i	0.1980-0.0208i	0.2030-0.0221i	0.2482-0.0307i	0.2556-0.0338i
7.7	1.5559-0.1227i	-1.8070+0.0616i	-0.1914-0.0316i	-0.1139-0.0290i	0.2061-0.0194i	0.2109-0.0205i	0.2598-0.0288i	0.2674-0.0315i
7.8	1.6045-0.1386i	-1.8254+0.0792i	-0.1726-0.0306i	-0.0949-0.0272i	0.2134-0.0236i	0.2175-0.0251i	0.2699-0.0351i	0.2780-0.0386i
7.9	1.6184-0.1525i	-1.8367+0.0919i	-0.1701-0.0302i	-0.0929-0.0276i	0.2163-0.0266i	0.2205-0.0277i	0.2742-0.0391i	0.2829-0.0423i
8.0	1.6265-0.1445i	-1.8454+0.0976i	-0.1733-0.0221i	-0.0937-0.0171i	0.2180-0.0265i	0.2221-0.0277i	0.2761-0.0393i	0.2850-0.0427i
8.1	1.6425-0.1482i	-1.8545+0.1047i	-0.1718-0.0187i	-0.0893-0.0122i	0.2198-0.0276i	0.2237-0.0290i	0.2786-0.0412i	0.2873-0.0454i
8.2	1.6515-0.1364i	-1.8701+0.1095i	-0.1755-0.0092i	-0.0930-0.0051i	0.2216-0.0271i	0.2255-0.0282i	0.2811-0.0400i	0.2901-0.0446i
8.3	1.6762-0.1321i	-1.8960+0.1229i	-0.1766+0.0035i	-0.0951+0.0043i	0.2273-0.0276i	0.2313-0.0291i	0.2893-0.0409i	0.2988-0.0453i
8.4	1.6949-0.1288i	-1.9154+0.1285i	-0.1776+0.0070i	-0.0968+0.0070i	0.2317-0.0277i	0.2353-0.0292i	0.2955-0.0413i	0.3054-0.0454i
8.5	1.7283-0.1325i	-1.9497+0.1427i	-0.1792+0.0134i	-0.0996+0.0134i	0.2385-0.0305i	0.2421-0.0317i	0.3055-0.0454i	0.3152-0.0489i
8.6	1.7553-0.1446i	-1.9821+0.1646i	-0.1824+0.0218i	-0.1053+0.0212i	0.2445-0.0343i	0.2481-0.0357i	0.3143-0.0508i	0.3242-0.0553i
8.7	1.7863-0.1639i	-2.0271+0.2048i	-0.1905+0.0328i	-0.1163+0.0321i	0.2531-0.0405i	0.2563-0.0415i	0.3263-0.0598i	0.3371-0.0648i
8.8	1.8222-0.1872i	-2.0782+0.2498i	-0.1998+0.0460i	-0.1276+0.0462i	0.2626-0.0475i	0.2657-0.0489i	0.3401-0.0703i	0.3515-0.0759i
8.9	1.8475-0.2269i	-2.1159+0.3199i	-0.2082+0.0651i	-0.1357+0.0668i	0.2701-0.0600i	0.2732-0.0616i	0.3509-0.0887i	0.3617-0.0947i
9.0	1.8540-0.3017i	-2.1246+0.4474i	-0.2078+0.1010i	-0.1403+0.0974i	0.2723-0.0832i	0.2749-0.0844i	0.3535-0.1222i	0.3638-0.1307i
9.1	1.8444-0.3300i	-2.1120+0.5019i	-0.2037+0.1182i	-0.1413+0.1146i	0.2700-0.0925i	0.2722-0.0938i	0.3499-0.1357i	0.3591-0.1449i
9.2	1.9007-0.4254i	-2.2040+0.6935i	-0.2222+0.1727i	-0.1651+0.1718i	0.2864-0.1252i	0.2881-0.1267i	0.3742-0.1838i	0.3843-0.1949i
9.3	1.8140-0.6117i	-2.0386+1.0229i	-0.1765+0.2606i	-0.1231+0.2688i	0.2574-0.1847i	0.2590-0.1847i	0.3317-0.2703i	0.3389-0.2847i
9.4	1.5900-0.7217i	-1.6413+1.2261i	-0.0634+0.3172i	-0.0148+0.3384i	0.1854-0.2216i	0.1873-0.2200i	0.2273-0.3235i	0.2273-0.3387i
9.5	1.3690-0.5569i	-1.2385+0.9478i	0.0523+0.2422i	0.1081+0.2733i	0.1130-0.1710i	0.1159-0.1689i	0.1223-0.2503i	0.1178-0.2595i
9.6	1.3202-0.3775i	-1.1362+0.6361i	0.0834+0.1580i	0.1477+0.1891i	0.0950-0.1145i	0.0989-0.1128i	0.0953-0.1688i	0.0917-0.1721i
9.7	1.3442-0.2659i	-1.1665+0.4450i	0.0786+0.1033i	0.1492+0.1356i	0.1008-0.0795i	0.1052-0.0782i	0.1036-0.1181i	0.1018-0.1185i
9.8	1.3848-0.2024i	-1.2272+0.3325i	0.0658+0.0726i	0.1383+0.1029i	0.1121-0.0590i	0.1166-0.0581i	0.1198-0.0878i	0.1198-0.0876i
9.9	1.4325-0.1467i	-1.3022+0.2354i	0.0509+0.0477i	0.1202+0.0718i	0.1262-0.0404i	0.1309-0.0405i	0.1404-0.0610i	0.1420-0.0600i
10.0	1.4695-0.1176i	-1.3562+0.1839i	0.0399+0.0334i	0.1040+0.0560i	0.1367-0.0310i	0.1413-0.0314i	0.1555-0.0476i	0.1579-0.0460i
10.1	1.5046-0.0974i	-1.4118+0.1492i	0.0278+0.0275i	0.0914+0.0479i	0.1467-0.0251i	0.1510-0.0256i	0.1693-0.0387i	0.1729-0.0375i
10.2	1.5345-0.0823i	-1.4588+0.1306i	0.0227+0.0221i	0.0771+0.0400i	0.1555-0.0215i	0.1598-0.0218i	0.1821-0.0333i	0.1868-0.0322i
10.3	1.5576-0.0776i	-1.4865+0.1222i	0.0194+0.0184i	0.0671+0.0418i	0.1613-0.0205i	0.1658-0.0209i	0.1907-0.0317i	0.1955-0.0306i
10.4	1.5850-0.0674i	-1.5162+0.1067i	0.0194+0.0122i	0.0624+0.0464i	0.1669-0.0183i	0.1713-0.0187i	0.1986-0.0290i	0.2040-0.0267i
10.5	1.6025-0.0595i	-1.5330+0.0967i	0.0206+0.0051i	0.0601+0.0476i	0.1704-0.0162i	0.1745-0.0163i	0.2036-0.0259i	0.2094-0.0235i
10.6	1.6232-0.0550i	-1.5542+0.0826i	0.0196-0.0043i	0.0585+0.0479i	0.1747-0.0138i	0.1786-0.0142i	0.2097-0.0230i	0.2163-0.0202i
10.7	1.6453-0.0505i	-1.5815+0.0691i	0.0175-0.0146i	0.0544+0.0488i	0.1793-0.0119i	0.1835-0.0123i	0.2164-0.0201i	0.2230-0.0174i
10.8	1.6583-0.0465i	-1.6024+0.0618i	0.0171-0.0253i	0.0497+0.0498i	0.1833-0.0107i	0.1874-0.0114i	0.2216-0.0188i	0.2293-0.0158i
10.9	1.6798-0.0402i	-1.6276+0.0503i	0.0111-0.0375i	0.0453+0.0565i	0.1879-0.0094i	0.1921-0.0099i	0.2281-0.0171i	0.2365-0.0141i
11.0	1.6968-0.0387i	-1.6528+0.0460i	0.0007-0.0438i	0.0480+0.0612i	0.1922-0.0090i	0.1960-0.0093i	0.2333-0.0169i	0.2431-0.0137i
11.1	1.7178-0.0373i	-1.6799+0.0422i	-0.0118-0.0544i	0.0538+0.0689i	0.1965-0.0087i	0.2005-0.0090i	0.2389-0.0167i	0.2493-0.0135i
11.2	1.7337-0.0375i	-1.6987+0.0409i	-0.0251-0.0603i	0.0597+0.0715i	0.1993-0.0086i	0.2036-0.0088i	0.2427-0.0161i	0.2539-0.0132i
11.3	1.7521-0.0365i	-1.7191+0.0406i	-0.0400-0.0597i	0.0668+0.0700i	0.2025-0.0078i	0.2070-0.0082i	0.2470-0.0147i	0.2594-0.0124i
11.4	1.7655-0.0367i	-1.7374+0.0434i	-0.0503-0.0608i	0.0758+0.0682i	0.2062-0.0080i	0.2105-0.0084i	0.2517-0.0149i	0.2640-0.0126i
11.5	1.7791-0.0383i	-1.7549+0.0406i	-0.0579-0.0624i	0.0796+0.0700i	0.2094-0.0079i	0.2137-0.0082i	0.2559-0.0146i	0.2691-0.0122i
11.6	1.7970-0.0368i	-1.7777+0.0367i	-0.0737-0.0609i	0.0914+0.0682i	0.2129-0.0074i	0.2169-0.0081i	0.2599-0.0140i	0.2752-0.0123i
11.7	1.8111-0.0373i	-1.7950+0.0370i	-0.0850-0.0525i	0.0996+0.0576i	0.2156-0.0073i	0.2199-0.0083i	0.2631-0.0138i	0.2798-0.0124i
11.8	1.8263-0.0388i	-1.8125+0.0395i	-0.0955-0.0416i	0.1009+0.0480i	0.2184-0.0077i	0.2229-0.0084i	0.2671-0.0128i	0.2830-0.0134i
11.9	1.8452-0.0429i	-1.8333+0.0429i	-0.0960-0.0296i	0.0971+0.0389i	0.2219-0.0083i	0.2261-0.0089i	0.2719-0.0130i	0.2877-0.0153i

12.0	1.8565-0.0454i	-1.8490+0.0464i	-0.0939-0.0200i	0.0916+0.0336i	0.2241-0.0089i	0.2284-0.0097i	0.2750-0.0137i	0.2912-0.0167i
12.1	1.8714-0.0492i	-1.8660+0.0537i	-0.0922-0.0142i	0.0888+0.0284i	0.2272-0.0096i	0.2317-0.0103i	0.2795-0.0142i	0.2958-0.0180i
12.2	1.8859-0.0495i	-1.8827+0.0580i	-0.0913-0.0076i	0.0848+0.0240i	0.2302-0.0098i	0.2344-0.0101i	0.2841-0.0145i	0.2997-0.0189i
12.3	1.9002-0.0544i	-1.8996+0.0630i	-0.0896-0.0024i	0.0809+0.0248i	0.2328-0.0101i	0.2371-0.0108i	0.2888-0.0147i	0.3024-0.0192i
12.4	1.9132-0.0563i	-1.9134+0.0648i	-0.0894+0.0007i	0.0766+0.0265i	0.2352-0.0109i	0.2400-0.0118i	0.2925-0.0155i	0.3057-0.0194i
12.5	1.9245-0.0573i	-1.9262+0.0702i	-0.0859+0.0011i	0.0754+0.0298i	0.2373-0.0115i	0.2418-0.0123i	0.2959-0.0169i	0.3091-0.0200i
12.6	1.9404-0.0618i	-1.9377+0.0804i	-0.0849-0.0010i	0.0797+0.0323i	0.2401-0.0122i	0.2441-0.0134i	0.2997-0.0181i	0.3129-0.0213i
12.7	1.9538-0.0621i	-1.9455+0.0820i	-0.0849-0.0012i	0.0805+0.0315i	0.2427-0.0123i	0.2466-0.0135i	0.3029-0.0179i	0.3164-0.0221i
12.8	1.9671-0.0611i	-1.9607+0.0777i	-0.0820-0.0010i	0.0786+0.0302i	0.2451-0.0119i	0.2494-0.0131i	0.3064-0.0173i	0.3197-0.0217i
12.9	1.9813-0.0645i	-1.9777+0.0805i	-0.0841-0.0000i	0.0773+0.0286i	0.2483-0.0125i	0.2526-0.0138i	0.3111-0.0181i	0.3241-0.0230i
13.0	1.9922-0.0644i	-1.9871+0.0824i	-0.0864+0.0052i	0.0795+0.0245i	0.2507-0.0132i	0.2547-0.0143i	0.3143-0.0193i	0.3276-0.0237i
13.1	2.0146-0.0713i	-2.0065+0.0837i	-0.0859+0.0049i	0.0770+0.0275i	0.2541-0.0145i	0.2582-0.0152i	0.3195-0.0214i	0.3319-0.0250i
13.2	2.0249-0.0746i	-2.0211+0.0894i	-0.0819+0.0071i	0.0758+0.0269i	0.2566-0.0154i	0.2602-0.0164i	0.3231-0.0228i	0.3351-0.0269i
13.3	2.0401-0.0778i	-2.0369+0.0957i	-0.0779+0.0109i	0.0774+0.0221i	0.2592-0.0171i	0.2630-0.0176i	0.3267-0.0257i	0.3387-0.0287i
13.4	2.0576-0.0773i	-2.0514+0.0930i	-0.0778+0.0136i	0.0744+0.0189i	0.2618-0.0177i	0.2658-0.0183i	0.3301-0.0274i	0.3425-0.0290i
13.5	2.0724-0.0774i	-2.0653+0.0925i	-0.0779+0.0111i	0.0707+0.0178i	0.2638-0.0178i	0.2680-0.0183i	0.3328-0.0278i	0.3459-0.0295i
13.6	2.0845-0.0853i	-2.0774+0.0972i	-0.0723+0.0067i	0.0679+0.0169i	0.2657-0.0187i	0.2696-0.0194i	0.3344-0.0297i	0.3481-0.0312i
13.7	2.0972-0.0876i	-2.0953+0.0991i	-0.0701+0.0039i	0.0649+0.0162i	0.2678-0.0194i	0.2717-0.0200i	0.3366-0.0302i	0.3514-0.0322i
13.8	2.1143-0.0871i	-2.1115+0.0974i	-0.0722+0.0034i	0.0654+0.0210i	0.2705-0.0191i	0.2744-0.0198i	0.3400-0.0295i	0.3554-0.0316i
13.9	2.1337-0.0866i	-2.1305+0.1030i	-0.0715+0.0004i	0.0641+0.0252i	0.2735-0.0194i	0.2775-0.0197i	0.3449-0.0296i	0.3596-0.0323i
14.0	2.1538-0.0910i	-2.1537+0.1055i	-0.0717-0.0003i	0.0625+0.0275i	0.2773-0.0205i	0.2815-0.0211i	0.3503-0.0311i	0.3649-0.0340i
14.1	2.1696-0.0959i	-2.1702+0.1079i	-0.0744-0.0017i	0.0583+0.0309i	0.2803-0.0213i	0.2846-0.0222i	0.3540-0.0328i	0.3692-0.0358i
14.2	2.1835-0.1003i	-2.1821+0.1175i	-0.0744-0.0103i	0.0593+0.0360i	0.2820-0.0236i	0.2864-0.0241i	0.3557-0.0367i	0.3720-0.0389i
14.3	2.1985-0.0998i	-2.1994+0.1192i	-0.0810-0.0095i	0.0659+0.0396i	0.2840-0.0235i	0.2885-0.0246i	0.3582-0.0372i	0.3755-0.0384i
14.4	2.2145-0.1052i	-2.2156+0.1225i	-0.0856-0.0110i	0.0733+0.0387i	0.2862-0.0236i	0.2902-0.0245i	0.3598-0.0371i	0.3790-0.0392i
14.5	2.2313-0.1100i	-2.2368+0.1241i	-0.0875-0.0115i	0.0723+0.0376i	0.2896-0.0230i	0.2933-0.0239i	0.3639-0.0354i	0.3836-0.0387i
14.6	2.2523-0.1099i	-2.2565+0.1288i	-0.0910-0.0139i	0.0724+0.0405i	0.2931-0.0230i	0.2971-0.0242i	0.3687-0.0345i	0.3887-0.0379i
14.7	2.2730-0.1154i	-2.2755+0.1409i	-0.0935-0.0138i	0.0721+0.0491i	0.2972-0.0246i	0.3011-0.0257i	0.3740-0.0361i	0.3937-0.0404i
14.8	2.2899-0.1182i	-2.2961+0.1468i	-0.0957-0.0115i	0.0793+0.0566i	0.2999-0.0250i	0.3038-0.0262i	0.3787-0.0368i	0.3977-0.0421i
14.9	2.3078-0.1235i	-2.3059+0.1495i	-0.1009-0.0073i	0.0885+0.0515i	0.3022-0.0261i	0.3064-0.0272i	0.3819-0.0380i	0.4004-0.0445i
15.0	2.3290-0.1269i	-2.3227+0.1491i	-0.1074-0.0058i	0.0999+0.0416i	0.3057-0.0266i	0.3098-0.0275i	0.3858-0.0383i	0.4058-0.0457i
15.1	2.3528-0.1296i	-2.3423+0.1468i	-0.1141-0.0012i	0.1073+0.0280i	0.3095-0.0263i	0.3137-0.0270i	0.3913-0.0383i	0.4111-0.0459i
15.2	2.3732-0.1335i	-2.3639+0.1469i	-0.1165+0.0030i	0.1052+0.0173i	0.3136-0.0264i	0.3176-0.0267i	0.3973-0.0379i	0.4165-0.0451i
15.3	2.3879-0.1453i	-2.3847+0.1569i	-0.1143+0.0034i	0.1023+0.0136i	0.3169-0.0278i	0.3210-0.0285i	0.4023-0.0405i	0.4214-0.0473i
15.4	2.4171-0.1495i	-2.4164+0.1539i	-0.1144+0.0080i	0.0966+0.0079i	0.3225-0.0282i	0.3272-0.0292i	0.4101-0.0411i	0.4299-0.0484i
15.5	2.4409-0.1504i	-2.4436+0.1568i	-0.1161+0.0113i	0.0940+0.0068i	0.3273-0.0290i	0.3319-0.0300i	0.4169-0.0415i	0.4366-0.0500i
15.6	2.4584-0.1584i	-2.4674+0.1631i	-0.1161+0.0125i	0.0940+0.0064i	0.3315-0.0302i	0.3359-0.0313i	0.4222-0.0427i	0.4424-0.0519i
15.7	2.4829-0.1587i	-2.4952+0.1618i	-0.1211+0.0143i	0.0877+0.0050i	0.3367-0.0309i	0.3408-0.0319i	0.4294-0.0436i	0.4494-0.0524i
15.8	2.5075-0.1679i	-2.5241+0.1703i	-0.1210+0.0183i	0.0827+0.0072i	0.3414-0.0329i	0.3458-0.0340i	0.4366-0.0466i	0.4557-0.0555i
15.9	2.5351-0.1801i	-2.5564+0.1874i	-0.1242+0.0197i	0.0793+0.0116i	0.3465-0.0360i	0.3512-0.0371i	0.4442-0.0512i	0.4631-0.0602i
16.0	2.5574-0.1869i	-2.5797+0.1985i	-0.1290+0.0256i	0.0796+0.0109i	0.3510-0.0381i	0.3559-0.0397i	0.4507-0.0553i	0.4690-0.0645i
16.1	2.5748-0.1982i	-2.6014+0.2196i	-0.1308+0.0328i	0.0818+0.0100i	0.3542-0.0411i	0.3590-0.0430i	0.4555-0.0601i	0.4738-0.0691i
16.2	2.5984-0.2010i	-2.6271+0.2224i	-0.1311+0.0396i	0.0842+0.0072i	0.3583-0.0422i	0.3629-0.0437i	0.4609-0.0613i	0.4791-0.0706i
16.3	2.6275-0.2064i	-2.6560+0.2262i	-0.1327+0.0439i	0.0841+0.0006i	0.3631-0.0438i	0.3671-0.0448i	0.4681-0.0635i	0.4847-0.0723i
16.4	2.6573-0.2144i	-2.6893+0.2395i	-0.1313+0.0477i	0.0742-0.0037i	0.3697-0.0454i	0.3744-0.0474i	0.4777-0.0667i	0.4936-0.0749i
16.5	2.6879-0.2201i	-2.7270+0.2533i	-0.1260+0.0551i	0.0654-0.0052i	0.3763-0.0484i	0.3804-0.0500i	0.4859-0.0713i	0.5044-0.0788i
16.6	2.7115-0.2285i	-2.7502+0.2680i	-0.1085+0.0642i	0.0497-0.0001i	0.3809-0.0522i	0.3849-0.0537i	0.4916-0.0772i	0.5106-0.0842i
16.7	2.7426-0.2424i	-2.7774+0.2831i	-0.0961+0.0542i	0.0378+0.0177i	0.3860-0.0562i	0.3900-0.0576i	0.4982-0.0840i	0.5174-0.0899i
16.8	2.7712-0.2543i	-2.8093+0.2998i	-0.1085+0.0351i	0.0559+0.0319i	0.3903-0.0599i	0.3947-0.0611i	0.5032-0.0900i	0.5238-0.0951i
16.9	2.7906-0.2570i	-2.8315+0.3050i	-0.1214+0.0434i	0.0622+0.0219i	0.3939-0.0611i	0.3982-0.0626i	0.5077-0.0919i	0.5297-0.0974i
17.0	2.8301-0.2794i	-2.8740+0.3311i	-0.1218+0.0595i	0.0525+0.0178i	0.4010-0.0680i	0.4051-0.0691i	0.5164-0.1010i	0.5398-0.1080i
17.1	2.8559-0.3096i	-2.9036+0.3719i	-0.1078+0.0628i	0.0415+0.0279i	0.4052-0.0768i	0.4090-0.0779i	0.5214-0.1135i	0.5461-0.1219i
17.2	2.8837-0.3301i	-2.9243+0.3968i	-0.1139+0.0371i	0.0484+0.0549i	0.4079-0.0822i	0.4114-0.0830i	0.5241-0.1205i	0.5496-0.1300i
17.3	2.9058-0.3353i	-2.9476+0.4068i	-0.1355+0.0392i	0.0620+0.0593i	0.4117-0.0853i	0.4150-0.0865i	0.5285-0.1249i	0.5540-0.1352i
17.4	2.9338-0.3657i	-2.9705+0.4438i	-0.1479+0.0737i	0.0725+0.0424i	0.4139-0.0936i	0.4173-0.0946i	0.5307-0.1368i	0.5571-0.1482i
17.5	2.9535-0.3728i	-2.9830+0.4542i	-0.1308+0.0821i	0.0731+0.0400i	0.4136-0.0962i	0.4169-0.0973i	0.5293-0.1396i	0.5557-0.1523i
17.6	2.9728-0.3857i	-2.9933+0.4687i	-0.1278+0.0773i	0.0761+0.0485i	0.4126-0.0989i	0.4161-0.1009i	0.5272-0.1438i	0.5538-0.1576i
17.7	2.9860-0.3926i	-3.0122+0.4791i	-0.1277+0.0709i	0.0808+0.0504i	0.4130-0.1010i	0.4162-0.1025i	0.5271-0.1462i	0.5538-0.1599i
17.8	3.0135-0.3962i	-3.0386+0.4907i	-0.1269+0.0799i	0.0850+0.0446i	0.4142-0.1008i	0.4173-0.1022i	0.5286-0.1454i	0.5547-0.1597i
17.9	3.0421-0.4013i	-3.0645+0.4913i	-0.1263+0.0831i	0.0845+0.0439i	0.4161-0.1011i	0.4195-0.1023i	0.5305-0.1449i	0.5564-0.1600i
18.0	3.0682-0.4063i	-3.0909+0.4920i	-0.1394+0.0821i	0.0972+0.0562i	0.4187-0.1010i	0.4219-0.1020i	0.5336-0.1444i	0.5584-0.1590i
18.1	3.0999-0.4067i	-3.1176+0.4985i	-0.1516+0.0927i	0.1145+0.0483i	0.4227-0.0991i	0.4256-0.1003i	0.5383-0.1411i	0.5637-0.1565i
18.2	3.1435-0.4023i	-3.1549+0.4974i	-0.1569+0.1087i	0.1203+0.0290i	0.4288-0.0963i	0.4321-0.0974i	0.5463-0.1370i	0.5732-0.1535i

18.3	3.1835-0.4012i	-3.1936+0.4937i	-0.1455+0.1311i	0.1112+0.0075i	0.4355-0.0937i	0.4382-0.0950i	0.5559-0.1327i	0.5830-0.1502i
18.4	3.2242-0.4121i	-3.2357+0.4965i	-0.1207+0.1476i	0.0895-0.0166i	0.4433-0.0922i	0.4460-0.0939i	0.5670-0.1306i	0.5936-0.1485i
18.5	3.2597-0.4123i	-3.2886+0.4829i	-0.1089+0.1516i	0.0674-0.0369i	0.4528-0.0892i	0.4555-0.0907i	0.5801-0.1256i	0.6071-0.1442i
18.6	3.3328-0.4173i	-3.4064+0.5031i	-0.0849+0.1224i	0.0014+0.0007i	0.4714-0.0910i	0.4727-0.0923i	0.6055-0.1285i	0.6319-0.1466i
18.7	3.4060-0.4411i	-3.4866+0.5737i	-0.1097+0.1061i	0.0115+0.0666i	0.4857-0.1004i	0.4865-0.1010i	0.6254-0.1420i	0.6520-0.1592i
18.8	3.4489-0.4869i	-3.5130+0.6462i	-0.1274+0.1193i	0.0428+0.0867i	0.4922-0.1114i	0.4935-0.1118i	0.6348-0.1576i	0.6621-0.1739i
18.9	3.5093-0.5185i	-3.5581+0.6946i	-0.1316+0.1358i	0.0597+0.0869i	0.5009-0.1184i	0.5022-0.1183i	0.6460-0.1663i	0.6740-0.1844i
19.0	3.5590-0.5301i	-3.6026+0.7141i	-0.1275+0.1496i	0.0609+0.0918i	0.5105-0.1213i	0.5120-0.1211i	0.6595-0.1699i	0.6878-0.1901i
19.1	3.5990-0.5632i	-3.6321+0.7657i	-0.1271+0.1612i	0.0747+0.0986i	0.5173-0.1298i	0.5195-0.1290i	0.6696-0.1820i	0.6982-0.2030i
19.2	3.6422-0.5998i	-3.6595+0.8234i	-0.1221+0.1806i	0.0898+0.1005i	0.5238-0.1394i	0.5263-0.1370i	0.6790-0.1938i	0.7067-0.2169i
19.3	3.6931-0.6248i	-3.6905+0.8656i	-0.1194+0.1910i	0.1034+0.1052i	0.5318-0.1464i	0.5339-0.1440i	0.6899-0.2035i	0.7172-0.2272i
19.4	3.7430-0.6507i	-3.7130+0.9041i	-0.1165+0.2102i	0.1273+0.1037i	0.5389-0.1516i	0.5411-0.1498i	0.6981-0.2116i	0.7283-0.2343i
19.5	3.7906-0.6740i	-3.7368+0.9271i	-0.1077+0.2346i	0.1505+0.0822i	0.5465-0.1564i	0.5496-0.1543i	0.7089-0.2183i	0.7400-0.2416i
19.6	3.8471-0.6962i	-3.7733+0.9512i	-0.0898+0.2631i	0.1591+0.0580i	0.5578-0.1621i	0.5608-0.1602i	0.7252-0.2260i	0.7560-0.2506i
19.7	3.9064-0.7306i	-3.8171+0.9941i	-0.0595+0.2938i	0.1561+0.0368i	0.5679-0.1728i	0.5701-0.1703i	0.7389-0.2408i	0.7695-0.2688i
19.8	3.9684-0.7490i	-3.8565+1.0048i	-0.0161+0.3071i	0.1409+0.0256i	0.5760-0.1783i	0.5789-0.1754i	0.7501-0.2481i	0.7802-0.2778i
19.9	4.0320-0.7983i	-3.8951+1.0410i	0.0228+0.2934i	0.1244+0.0233i	0.5860-0.1882i	0.5895-0.1860i	0.7646-0.2630i	0.7925-0.2930i
20.0	4.1101-0.8355i	-3.9515+1.0686i	0.0635+0.2783i	0.1037+0.0148i	0.5998-0.1968i	0.6035-0.1945i	0.7857-0.2757i	0.8125-0.3066i
20.1	4.1868-0.8838i	-4.0219+1.1107i	0.0848+0.2452i	0.0930+0.0310i	0.6156-0.2107i	0.6195-0.2076i	0.8078-0.2955i	0.8359-0.3268i
20.2	4.2762-0.9429i	-4.1070+1.1622i	0.0844+0.2055i	0.1005+0.0498i	0.6328-0.2276i	0.6371-0.2243i	0.8314-0.3197i	0.8593-0.3528i
20.3	4.3760-1.0217i	-4.1969+1.2278i	0.0804+0.1855i	0.1085+0.0676i	0.6504-0.2489i	0.6553-0.2458i	0.8562-0.3515i	0.8837-0.3851i
20.4	4.4775-1.1027i	-4.2987+1.3090i	0.0778+0.1906i	0.1143+0.0708i	0.6706-0.2713i	0.6753-0.2679i	0.8832-0.3843i	0.9125-0.4191i
20.5	4.5522-1.2115i	-4.3681+1.4132i	0.0810+0.1851i	0.1192+0.0688i	0.6829-0.3012i	0.6875-0.2975i	0.9004-0.4268i	0.9286-0.4646i
20.6	4.6204-1.3427i	-4.4326+1.5384i	0.0730+0.1771i	0.1326+0.0729i	0.6912-0.3394i	0.6959-0.3356i	0.9109-0.4825i	0.9397-0.5224i
20.7	4.6069-1.5171i	-4.4047+1.7144i	0.0716+0.1934i	0.1423+0.0599i	0.6762-0.3852i	0.6819-0.3821i	0.8866-0.5477i	0.9148-0.5909i
20.8	4.6037-1.6297i	-4.3907+1.8273i	0.0880+0.2189i	0.1410+0.0424i	0.6622-0.4152i	0.6681-0.4116i	0.8651-0.5891i	0.8893-0.6352i
20.9	4.5669-1.7302i	-4.3449+1.9198i	0.1371+0.2280i	0.1139+0.0377i	0.6348-0.4458i	0.6401-0.4412i	0.8257-0.6333i	0.8416-0.6802i
21.0	4.5444-1.8076i	-4.3087+1.9995i	0.1545+0.2102i	0.1062+0.0530i	0.6144-0.4661i	0.6197-0.4624i	0.7955-0.6644i	0.8079-0.7100i
21.1	4.4413-1.8842i	-4.1946+2.0647i	0.1645+0.1736i	0.1152+0.0731i	0.5654-0.4809i	0.5721-0.4776i	0.7225-0.6869i	0.7336-0.7307i
21.2	4.3783-1.9156i	-4.1249+2.0834i	0.1592+0.1594i	0.1482+0.0769i	0.5290-0.4827i	0.5361-0.4791i	0.6655-0.6879i	0.6789-0.7313i
21.3	4.3546-1.8803i	-4.0934+2.0406i	0.1646+0.1435i	0.1504+0.0837i	0.5042-0.4660i	0.5111-0.4626i	0.6280-0.6625i	0.6385-0.7056i
21.4	4.3268-1.8304i	-4.0504+1.9797i	0.1800+0.1344i	0.1541+0.0860i	0.4819-0.4433i	0.4889-0.4399i	0.5946-0.6293i	0.6011-0.6707i
21.5	4.3526-1.7687i	-4.0751+1.9096i	0.1846+0.1226i	0.1605+0.0821i	0.4757-0.4194i	0.4828-0.4153i	0.5837-0.5937i	0.5911-0.6330i
21.6	4.3746-1.7098i	-4.0952+1.8474i	0.1799+0.1292i	0.1631+0.0582i	0.4688-0.3904i	0.4754-0.3864i	0.5716-0.5504i	0.5775-0.5866i
21.7	4.4500-1.6866i	-4.1591+1.8114i	0.1944+0.1309i	0.1591+0.0510i	0.4737-0.3715i	0.4811-0.3676i	0.5772-0.5226i	0.5819-0.5556i
21.8	4.5704-1.6338i	-4.2803+1.7472i	0.2256+0.1191i	0.1450+0.0494i	0.4880-0.3454i	0.4964-0.3422i	0.5975-0.4850i	0.6011-0.5147i
21.9	4.6983-1.6341i	-4.3965+1.7460i	0.2402+0.1119i	0.1377+0.0403i	0.5059-0.3379i	0.5140-0.3356i	0.6214-0.4739i	0.6281-0.5049i
22.0	4.8528-1.5937i	-4.5511+1.7010i	0.2514+0.0814i	0.1376+0.0446i	0.5321-0.3161i	0.5410-0.3127i	0.6571-0.4416i	0.6654-0.4700i
22.1	4.9500-1.6484i	-4.6607+1.7384i	0.2513+0.0566i	0.1461+0.0636i	0.5498-0.3187i	0.5577-0.3152i	0.6790-0.4448i	0.6898-0.4689i
22.2	5.1775-1.6771i	-4.8765+1.7698i	0.2780+0.0321i	0.1275+0.0916i	0.5894-0.3085i	0.5968-0.3053i	0.7339-0.4285i	0.7460-0.4528i
22.3	5.3220-1.6931i	-5.0023+1.7820i	0.2842+0.0134i	0.1283+0.0897i	0.6121-0.3029i	0.6203-0.2995i	0.7641-0.4189i	0.7780-0.4438i
22.4	5.4619-1.7260i	-5.1435+1.8025i	0.2965-0.0085i	0.1312+0.0877i	0.6336-0.3026i	0.6410-0.2986i	0.7922-0.4174i	0.8067-0.4417i
22.5	5.6679-1.7895i	-5.3413+1.8531i	0.3026-0.0440i	0.1288+0.1060i	0.6668-0.3068i	0.6739-0.3032i	0.8364-0.4213i	0.8518-0.4465i
22.6	5.8566-1.8548i	-5.5267+1.9012i	0.2906-0.0814i	0.1452+0.1188i	0.6981-0.3104i	0.7045-0.3068i	0.8795-0.4267i	0.8952-0.4494i
22.7	6.0368-1.9314i	-5.7160+1.9647i	0.2776-0.1143i	0.1491+0.1394i	0.7266-0.3163i	0.7332-0.3124i	0.9173-0.4345i	0.9361-0.4563i
22.8	6.2746-2.0107i	-5.9598+2.0347i	0.2545-0.1526i	0.1699+0.1689i	0.7640-0.3199i	0.7718-0.3163i	0.9673-0.4381i	0.9879-0.4600i
22.9	6.4683-2.2271i	-6.1660+2.2519i	0.2019-0.1812i	0.2133+0.1936i	0.7973-0.3491i	0.8055-0.3459i	1.0138-0.4767i	1.0342-0.4980i
23.0	6.6907-2.3765i	-6.3895+2.4168i	0.1747-0.1823i	0.2327+0.1860i	0.8353-0.3687i	0.8435-0.3644i	1.0641-0.5017i	1.0882-0.5251i
23.1	6.9336-2.4558i	-6.6248+2.5010i	0.1755-0.1665i	0.2454+0.1655i	0.8750-0.3767i	0.8825-0.3714i	1.1170-0.5121i	1.1433-0.5352i
23.2	7.2076-2.6872i	-6.8995+2.7287i	0.1438-0.1887i	0.2659+0.1668i	0.9229-0.4078i	0.9307-0.4032i	1.1831-0.5541i	1.2131-0.5773i
23.3	7.4301-2.8707i	-7.1297+2.9206i	0.1447-0.1759i	0.2596+0.1659i	0.9578-0.4305i	0.9651-0.4249i	1.2298-0.5843i	1.2592-0.6060i
23.4	7.6852-3.0791i	-7.3982+3.1281i	0.1403-0.1528i	0.2645+0.1536i	1.0003-0.4622i	1.0075-0.4554i	1.2850-0.6259i	1.3186-0.6492i
23.5	7.9657-3.4160i	-7.6838+3.4742i	0.1084-0.1557i	0.2935+0.1604i	1.0452-0.5095i	1.0506-0.5033i	1.3425-0.6907i	1.3808-0.7151i
23.6	8.2431-3.7653i	-7.9478+3.8338i	0.0942-0.1689i	0.3107+0.1790i	1.0883-0.5543i	1.0941-0.5483i	1.3975-0.7495i	1.4408-0.7749i
23.7	8.5562-4.0679i	-8.2523+4.1541i	0.0906-0.1600i	0.3205+0.1668i	1.1413-0.6003i	1.1485-0.5926i	1.4699-0.8120i	1.5163-0.8416i
23.8	8.8028-4.5172i	-8.4776+4.6322i	0.0934-0.1644i	0.3296+0.1682i	1.1827-0.6680i	1.1904-0.6576i	1.5243-0.9001i	1.5764-0.9384i
23.9	9.0270-4.9760i	-8.6991+5.1248i	0.1115-0.1589i	0.3384+0.1543i	1.2223-0.7358i	1.2281-0.7235i	1.5734-0.9887i	1.6271-1.0325i
24.0	9.3304-5.5316i	-8.9880+5.7045i	0.1246-0.2017i	0.3422+0.2123i	1.2742-0.8173i	1.2812-0.8036i	1.6446-1.0959i	1.7039-1.1427i
24.1	9.5617-6.0188i	-9.1779+6.2080i	0.1285-0.1904i	0.3600+0.2105i	1.3096-0.8917i	1.3177-0.8759i	1.6937-1.1940i	1.7552-1.2454i
24.2	9.6466-6.6545i	-9.2241+6.8641i	0.1217-0.1786i	0.4019+0.1994i	1.3263-0.9901i	1.3367-0.9725i	1.7158-1.3251i	1.7757-1.3821i
24.3	9.6844-7.3924i	-9.2416+7.5993i	0.1233-0.1974i	0.4284+0.1908i	1.3324-1.1030i	1.3424-1.0832i	1.7227-1.4750i	1.7779-1.5388i
24.4	9.8236-8.2111i	-9.3326+8.4365i	0.1218-0.2457i	0.4807+0.2065i	1.3570-1.2286i	1.3700-1.2066i	1.7548-1.6422i	1.8117-1.7123i
24.5	9.6494-9.1575i	-9.1103+9.3894i	0.1097-0.2653i	0.5018+0.2021i	1.3333-1.3753i	1.3476-1.3510i	1.7250-1.8362i	1.7738-1.9144i

24.6	9.6068-9.9794i	-9.0140+10.1900i	0.1242-0.3151i	0.5241+0.2490i	1.3268-1.4981i	1.3442-1.4739i	1.7170-2.0000i	1.7640-2.0852i
24.7	9.6438-10.9362i	-8.9699+11.1673i	0.0714-0.3678i	0.6221+0.2812i	1.3267-1.6438i	1.3469-1.6165i	1.7175-2.1922i	1.7586-2.2851i
24.8	9.1739-11.9477i	-8.4402+12.1766i	0.0115-0.4071i	0.6937+0.2760i	1.2545-1.7971i	1.2759-1.7658i	1.6182-2.3925i	1.6560-2.5001i
24.9	8.6962-12.5494i	-7.9234+12.7799i	-0.0164-0.4274i	0.7511+0.2625i	1.1833-1.8920i	1.2089-1.8590i	1.5226-2.5176i	1.5599-2.6303i
25.0	7.9219-13.3708i	-7.0695+13.5586i	-0.0782-0.4375i	0.8610+0.2125i	1.0625-2.0170i	1.0940-1.9842i	1.3638-2.6856i	1.3897-2.7971i
25.1	7.1219-14.4040i	-6.1866+14.5450i	-0.1555-0.4364i	0.9908+0.1493i	0.9393-2.1694i	0.9756-2.1323i	1.2000-2.8838i	1.2180-2.9989i
25.2	6.1131-15.2558i	-5.0845+15.3145i	-0.2184-0.4061i	1.1078+0.0426i	0.7831-2.2925i	0.8270-2.2565i	0.9956-3.0462i	1.0037-3.1659i
25.3	5.3942-15.5450i	-4.2778+15.5369i	-0.2781-0.3498i	1.1955-0.0648i	0.6693-2.3301i	0.7186-2.2973i	0.8457-3.0936i	0.8435-3.2237i
25.4	4.3674-15.8709i	-3.2074+15.7209i	-0.3536-0.2569i	1.2761-0.2632i	0.5123-2.3630i	0.5644-2.3342i	0.6359-3.1369i	0.6258-3.2606i
25.5	3.7350-16.2696i	-2.5479+16.0285i	-0.3617-0.1755i	1.2650-0.4393i	0.4180-2.4115i	0.4737-2.3850i	0.5119-3.2037i	0.5000-3.3175i
25.6	2.6373-16.8585i	-1.4323+16.5226i	-0.3293-0.0571i	1.1816-0.6709i	0.2607-2.4880i	0.3233-2.4618i	0.3059-3.3059i	0.2875-3.4134i
25.7	1.4676-17.3305i	-0.2713+16.9106i	-0.2344+0.0597i	1.0642-0.8727i	0.0954-2.5546i	0.1609-2.5304i	0.0858-3.3935i	0.0608-3.4990i
25.8	0.2303-17.5977i	0.9888+17.0751i	-0.1140+0.0545i	0.9437-0.9635i	-0.0827-2.5946i	-0.0126-2.5735i	-0.1508-3.4488i	-0.1820-3.5545i
25.9	-0.9903-17.1072i	2.1894+16.4468i	-0.0418-0.0682i	0.7793-0.9369i	-0.2569-2.5168i	-0.1820-2.5025i	-0.3786-3.3477i	-0.4170-3.4430i
26.0	-1.8843-17.0992i	3.0570+16.3518i	-0.0156-0.1242i	0.6669-0.9802i	-0.3815-2.5053i	-0.3023-2.4907i	-0.5436-3.3290i	-0.5808-3.4196i
26.1	-3.3011-16.8016i	4.3979+15.9760i	-0.0003-0.1666i	0.5102-0.9916i	-0.5752-2.4627i	-0.4915-2.4526i	-0.7992-3.2758i	-0.8401-3.3530i
26.2	-4.3659-16.4926i	5.4416+15.6094i	-0.0403-0.2182i	0.4721-0.9472i	-0.7237-2.4189i	-0.6315-2.4137i	-0.9932-3.2195i	-1.0342-3.2905i
26.3	-5.3428-16.0104i	6.4332+15.0758i	-0.0605-0.2295i	0.4257-0.9514i	-0.8567-2.3463i	-0.7556-2.3436i	-1.1661-3.1217i	-1.2047-3.1885i
26.4	-6.1233-15.0665i	7.1526+14.0696i	-0.0753-0.2371i	0.3403-0.9422i	-0.9620-2.2123i	-0.8580-2.2185i	-1.3052-2.9474i	-1.3347-3.0098i
26.5	-7.0507-14.3700i	8.0639+13.2799i	-0.0839-0.2277i	0.2778-0.9630i	-1.0849-2.1142i	-0.9752-2.1305i	-1.4714-2.8194i	-1.4859-2.8824i
26.6	-7.8025-13.8783i	8.8362+12.7018i	-0.0917-0.2227i	0.2533-0.9802i	-1.1891-2.0506i	-1.0724-2.0768i	-1.6076-2.7391i	-1.6168-2.8024i
26.7	-8.2470-13.1208i	9.2621+11.8289i	-0.1251-0.2314i	0.2178-0.9952i	-1.2464-1.9503i	-1.1291-1.9891i	-1.6874-2.6113i	-1.6895-2.6768i
26.8	-8.6087-12.2942i	9.5528+10.8999i	-0.1168-0.2752i	0.1434-0.9650i	-1.2922-1.8412i	-1.1763-1.8906i	-1.7470-2.4646i	-1.7478-2.5450i
26.9	-9.0718-11.2917i	9.9133+9.7649i	-0.1924-0.3173i	0.0931-0.9479i	-1.3529-1.7058i	-1.2365-1.7697i	-1.8240-2.2850i	-1.8262-2.3829i
27.0	-9.3265-10.6027i	10.0710+8.9775i	-0.2456-0.3169i	0.0657-0.9376i	-1.3906-1.6191i	-1.2776-1.6947i	-1.8706-2.1735i	-1.8850-2.2799i
27.1	-9.5235-9.8305i	10.1486+8.1555i	-0.2771-0.2847i	0.0011-0.9248i	-1.4200-1.5225i	-1.3123-1.6077i	-1.9139-2.0494i	-1.9275-2.1582i
27.2	-9.8268-8.7244i	10.2607+6.9618i	-0.3121-0.2482i	-0.0758-0.9185i	-1.4696-1.3848i	-1.3711-1.4876i	-1.9841-1.8711i	-2.0038-1.9921i
27.3	-9.9937-7.9945i	10.3279+6.1511i	-0.3191-0.2298i	-0.1360-0.9044i	-1.5008-1.2963i	-1.4071-1.4128i	-2.0241-1.7576i	-2.0571-1.8882i
27.4	-9.8262-7.1937i	10.0364+5.3224i	-0.3102-0.2044i	-0.2041-0.8672i	-1.4917-1.1955i	-1.4097-1.3225i	-2.0201-1.6322i	-2.0547-1.7583i
27.5	-9.6879-6.5881i	9.7551+4.6966i	-0.3162-0.2038i	-0.2362-0.8389i	-1.4886-1.1146i	-1.4207-1.2487i	-2.0177-1.5304i	-2.0704-1.6545i
27.6	-9.4899-5.9073i	9.3500+3.9988i	-0.3341-0.2068i	-0.2849-0.8102i	-1.4788-1.0243i	-1.4289-1.1644i	-2.0088-1.4101i	-2.0817-1.5386i
27.7	-9.3039-5.4622i	8.9975+3.5899i	-0.3500-0.1809i	-0.3270-0.7813i	-1.4689-0.9608i	-1.4329-1.1013i	-2.0024-1.3283i	-2.0858-1.4470i
27.8	-9.1474-5.0327i	8.7356+3.2123i	-0.3499-0.1719i	-0.3585-0.7307i	-1.4603-0.8979i	-1.4353-1.0377i	-1.9934-1.2463i	-2.0918-1.3559i
27.9	-8.8467-4.4018i	8.3096+2.6705i	-0.3526-0.1656i	-0.3816-0.6463i	-1.4391-0.8033i	-1.4287-0.9412i	-1.9691-1.1220i	-2.0823-1.2206i
28.0	-8.5869-4.0085i	7.9583+2.3455i	-0.3592-0.1672i	-0.3906-0.6022i	-1.4200-0.7374i	-1.4208-0.8714i	-1.9497-1.0352i	-2.0702-1.1193i
28.1	-8.3719-3.7310i	7.6152+2.1241i	-0.3866-0.1891i	-0.4159-0.5712i	-1.4006-0.6791i	-1.4125-0.8063i	-1.9308-0.9573i	-2.0531-1.0236i
28.2	-8.1480-3.4123i	7.2754+1.9628i	-0.4541-0.1782i	-0.4372-0.4900i	-1.3657-0.6195i	-1.3833-0.7357i	-1.8862-0.8734i	-2.0080-0.9247i
28.3	-8.0102-3.1176i	7.1202+1.7581i	-0.4848-0.1415i	-0.4165-0.4362i	-1.3474-0.5780i	-1.3656-0.6920i	-1.8624-0.8187i	-1.9833-0.8623i
28.4	-7.7392-2.8254i	6.8529+1.5424i	-0.4977-0.1006i	-0.3835-0.4038i	-1.3144-0.5328i	-1.3347-0.6431i	-1.8221-0.7597i	-1.9377-0.7927i
28.5	-7.4691-2.5757i	6.5588+1.3475i	-0.5109-0.0665i	-0.3624-0.3906i	-1.2812-0.4892i	-1.3064-0.5979i	-1.7828-0.7068i	-1.8957-0.7213i
28.6	-7.2293-2.3703i	6.2811+1.1808i	-0.5314-0.0368i	-0.3470-0.3793i	-1.2523-0.4518i	-1.2808-0.5595i	-1.7481-0.6597i	-1.8588-0.6620i
28.7	-7.0444-2.1925i	6.0412+1.0465i	-0.5624+0.0033i	-0.3284-0.3643i	-1.2331-0.4162i	-1.2659-0.5236i	-1.7263-0.6122i	-1.8348-0.6054i
28.8	-6.8549-2.0085i	5.8047+0.9049i	-0.5786+0.0583i	-0.3194-0.3594i	-1.2088-0.3792i	-1.2462-0.4864i	-1.7019-0.5647i	-1.7990-0.5456i
28.9	-6.6457-1.8903i	5.5618+0.8559i	-0.5746+0.1075i	-0.3153-0.3657i	-1.1766-0.3542i	-1.2189-0.4581i	-1.6676-0.5311i	-1.7494-0.5037i
29.0	-6.4571-1.7910i	5.3424+0.8306i	-0.5610+0.1533i	-0.3244-0.3586i	-1.1462-0.3328i	-1.1927-0.4331i	-1.6360-0.4989i	-1.7012-0.4695i
29.1	-6.2717-1.6533i	5.1083+0.7664i	-0.5421+0.2115i	-0.3298-0.3514i	-1.1167-0.3054i	-1.1698-0.4028i	-1.6021-0.4575i	-1.6582-0.4265i
29.2	-6.1431-1.4959i	4.9372+0.6805i	-0.5249+0.2718i	-0.3436-0.3541i	-1.0962-0.2811i	-1.1550-0.3755i	-1.5829-0.4221i	-1.6255-0.3891i
29.3	-5.9491-1.3855i	4.7347+0.6550i	-0.4636+0.3188i	-0.3688-0.3512i	-1.0661-0.2633i	-1.1294-0.3524i	-1.5486-0.3910i	-1.5795-0.3659i
29.4	-5.8115-1.2612i	4.5659+0.6175i	-0.4122+0.3569i	-0.3977-0.3385i	-1.0462-0.2418i	-1.1152-0.3258i	-1.5298-0.3562i	-1.5493-0.3341i
29.5	-5.6927-1.1655i	4.4373+0.6065i	-0.3814+0.3805i	-0.4034-0.3182i	-1.0302-0.2254i	-1.1023-0.3050i	-1.5118-0.3316i	-1.5266-0.3080i
29.6	-5.5294-1.1129i	4.2936+0.6194i	-0.3416+0.3825i	-0.4017-0.2916i	-1.0083-0.2164i	-1.0825-0.2898i	-1.4838-0.3111i	-1.4965-0.2972i
29.7	-5.3659-1.0266i	4.1442+0.6120i	-0.2766+0.3750i	-0.4351-0.2518i	-0.9844-0.2001i	-1.0615-0.2672i	-1.4571-0.2759i	-1.4599-0.2775i
29.8	-5.2646-0.9673i	4.0524+0.6145i	-0.2328+0.3857i	-0.4549-0.2309i	-0.9698-0.1874i	-1.0482-0.2497i	-1.4437-0.2523i	-1.4344-0.2582i
29.9	-5.1702-0.9014i	3.9700+0.6111i	-0.2201+0.3814i	-0.4493-0.1987i	-0.9566-0.1733i	-1.0355-0.2309i	-1.4249-0.2289i	-1.4164-0.2358i
30.0	-5.0004-0.8504i	3.8427+0.6248i	-0.1826+0.3566i	-0.4309-0.1540i	-0.9305-0.1627i	-1.0095-0.2146i	-1.3893-0.2089i	-1.3774-0.2187i
30.1	-4.8808-0.7709i	3.7505+0.6003i	-0.1502+0.3396i	-0.4184-0.1122i	-0.9087-0.1468i	-0.9891-0.1942i	-1.3596-0.1791i	-1.3444-0.1991i
30.2	-4.7485-0.7095i	3.6641+0.6010i	-0.1309+0.3276i	-0.3958-0.0845i	-0.8842-0.1331i	-0.9637-0.1741i	-1.3254-0.1521i	-1.3056-0.1800i
30.3	-4.6461-0.6689i	3.6031+0.5972i	-0.1188+0.3233i	-0.3734-0.0704i	-0.8662-0.1277i	-0.9441-0.1651i	-1.2997-0.1403i	-1.2779-0.1749i
30.4	-4.5377-0.6385i	3.5303+0.5981i	-0.1025+0.3098i	-0.3583-0.0524i	-0.8487-0.1267i	-0.9254-0.1613i	-1.2728-0.1317i	-1.2543-0.1798i
30.5	-4.4374-0.6008i	3.4629+0.5922i	-0.0862+0.3003i	-0.3449-0.0315i	-0.8357-0.1228i	-0.9115-0.1544i	-1.2512-0.1223i	-1.2391-0.1768i
30.6	-4.3325-0.5338i	3.3964+0.5632i	-0.0738+0.2891i	-0.3215-0.0021i	-0.8227-0.1100i	-0.8976-0.1378i	-1.2270-0.0985i	-1.2258-0.1605i
30.7	-4.2341-0.5057i	3.3373+0.5462i	-0.0596+0.2781i	-0.2966+0.0075i	-0.8082-0.1042i	-0.8824-0.1296i	-1.2063-0.0897i	-1.2043-0.1507i
30.8	-4.1422-0.4841i	3.2728+0.5377i	-0.0461+0.2643i	-0.2723+0.0143i	-0.7932-0.0984i	-0.8672-0.1214i	-1.1853-0.0787i	-1.1832-0.1436i

30.9	-4.0406-0.4602i	3.2074+0.5353i	-0.0371+0.2485i	-0.2475+0.0171i	-0.7784-0.0928i	-0.8514-0.1131i	-1.1605-0.0661i	-1.1650-0.1376i
31.0	-3.9482-0.4338i	3.1532+0.5259i	-0.0277+0.2437i	-0.2279+0.0132i	-0.7642-0.0871i	-0.8361-0.1044i	-1.1405-0.0550i	-1.1439-0.1295i
31.1	-3.8596-0.4025i	3.0970+0.5055i	-0.0160+0.2345i	-0.2108+0.0132i	-0.7482-0.0815i	-0.8196-0.0968i	-1.1166-0.0463i	-1.1221-0.1224i
31.2	-3.7557-0.3670i	3.0251+0.4785i	-0.0044+0.2220i	-0.1888+0.0116i	-0.7291-0.0755i	-0.7997-0.0876i	-1.0861-0.0378i	-1.0968-0.1130i
31.3	-3.6894-0.3599i	2.9796+0.4678i	-0.0029+0.2043i	-0.1765+0.0015i	-0.7181-0.0734i	-0.7875-0.0831i	-1.0687-0.0354i	-1.0817-0.1083i
31.4	-3.6181-0.3583i	2.9328+0.4621i	0.0008+0.1908i	-0.1639-0.0048i	-0.7075-0.0732i	-0.7757-0.0809i	-1.0525-0.0331i	-1.0671-0.1091i
31.5	-3.5447-0.3630i	2.8793+0.4655i	0.0010+0.1820i	-0.1561-0.0128i	-0.6938-0.0756i	-0.7606-0.0820i	-1.0345-0.0374i	-1.0464-0.1127i
31.6	-3.4648-0.3369i	2.8214+0.4432i	0.0018+0.1689i	-0.1439-0.0181i	-0.6803-0.0714i	-0.7462-0.0761i	-1.0151-0.0320i	-1.0277-0.1065i
31.7	-3.3897-0.3107i	2.7654+0.4224i	0.0073+0.1592i	-0.1366-0.0184i	-0.6665-0.0677i	-0.7310-0.0707i	-0.9922-0.0251i	-1.0107-0.1025i
31.8	-3.2993-0.3009i	2.6996+0.4136i	0.0120+0.1484i	-0.1296-0.0193i	-0.6488-0.0686i	-0.7122-0.0697i	-0.9653-0.0238i	-0.9869-0.1061i
31.9	-3.2400-0.2933i	2.6551+0.4040i	0.0172+0.1444i	-0.1249-0.0195i	-0.6388-0.0683i	-0.7011-0.0685i	-0.9508-0.0206i	-0.9730-0.1084i
32.0	-3.1639-0.2697i	2.6019+0.3851i	0.0231+0.1320i	-0.1158-0.0208i	-0.6265-0.0663i	-0.6886-0.0650i	-0.9341-0.0180i	-0.9555-0.1053i
32.1	-3.0844-0.2391i	2.5463+0.3602i	0.0285+0.1260i	-0.1085-0.0219i	-0.6123-0.0615i	-0.6734-0.0586i	-0.9120-0.0101i	-0.9372-0.0984i
32.2	-2.9806-0.2484i	2.4698+0.3607i	0.0276+0.1135i	-0.0960-0.0302i	-0.5944-0.0647i	-0.6534-0.0609i	-0.8851-0.0168i	-0.9109-0.1021i
32.3	-2.9035-0.2553i	2.4115+0.3532i	0.0308+0.1003i	-0.0878-0.0377i	-0.5806-0.0680i	-0.6383-0.0633i	-0.8667-0.0226i	-0.8899-0.1059i
32.4	-2.8267-0.2571i	2.3523+0.3507i	0.0326+0.0925i	-0.0817-0.0451i	-0.5660-0.0689i	-0.6225-0.0636i	-0.8451-0.0237i	-0.8697-0.1078i
32.5	-2.7060-0.2767i	2.2587+0.3529i	0.0384+0.0845i	-0.0687-0.0549i	-0.5424-0.0731i	-0.5978-0.0669i	-0.8091-0.0290i	-0.8373-0.1148i
32.6	-2.5846-0.3049i	2.1700+0.3670i	0.0449+0.0710i	-0.0596-0.0614i	-0.5175-0.0815i	-0.5714-0.0749i	-0.7759-0.0443i	-0.7989-0.1265i
32.7	-2.4804-0.3466i	2.0960+0.3877i	0.0479+0.0568i	-0.0518-0.0733i	-0.4959-0.0922i	-0.5482-0.0852i	-0.7457-0.0626i	-0.7646-0.1427i
32.8	-2.3703-0.4035i	2.0175+0.4117i	0.0481+0.0424i	-0.0375-0.0834i	-0.4743-0.1056i	-0.5252-0.0993i	-0.7142-0.0830i	-0.7329-0.1651i
32.9	-2.2476-0.5191i	1.9309+0.4699i	0.0549+0.0274i	-0.0239-0.1064i	-0.4463-0.1311i	-0.4962-0.1265i	-0.6792-0.1236i	-0.6883-0.2065i
33.0	-2.1366-0.6346i	1.8426+0.5305i	0.0670-0.0027i	-0.0158-0.1285i	-0.4192-0.1595i	-0.4691-0.1553i	-0.6427-0.1675i	-0.6477-0.2504i
33.1	-2.0265-0.8046i	1.7518+0.6243i	0.0679-0.0446i	-0.0042-0.1534i	-0.3929-0.2021i	-0.4416-0.1989i	-0.6089-0.2304i	-0.6074-0.3178i
33.2	-1.9131-1.0673i	1.6493+0.7598i	0.0659-0.0914i	0.0028-0.2026i	-0.3624-0.2646i	-0.4123-0.2636i	-0.5769-0.3257i	-0.5595-0.4183i
33.3	-1.8996-1.4141i	1.5871+0.9566i	0.0531-0.1455i	-0.0116-0.2600i	-0.3514-0.3474i	-0.4031-0.3500i	-0.5781-0.4428i	-0.5400-0.5565i
33.4	-1.9802-1.7881i	1.5775+1.1732i	0.0125-0.2053i	-0.0398-0.3124i	-0.3610-0.4433i	-0.4166-0.4487i	-0.6073-0.5745i	-0.5583-0.7157i
33.5	-2.2434-2.2468i	1.6594+1.4677i	-0.0532-0.2734i	-0.0919-0.3806i	-0.4100-0.5676i	-0.4737-0.5755i	-0.6946-0.7423i	-0.6471-0.9211i
33.6	-2.6831-2.5580i	1.8613+1.7041i	-0.1413-0.3073i	-0.1634-0.4187i	-0.5067-0.6632i	-0.5784-0.6706i	-0.8444-0.8629i	-0.8133-1.0745i
33.7	-3.2343-2.5946i	2.1548+1.7938i	-0.2445-0.2907i	-0.2534-0.4137i	-0.6408-0.6977i	-0.7192-0.6994i	-1.0409-0.8920i	-1.0363-1.1225i
33.8	-3.9361-2.4222i	2.5548+1.7835i	-0.3654-0.2310i	-0.3700-0.3783i	-0.8174-0.6892i	-0.9037-0.6807i	-1.2964-0.8593i	-1.3252-1.0933i
33.9	-4.5500-1.9668i	2.9295+1.6082i	-0.4494-0.1217i	-0.4649-0.3002i	-0.9849-0.6163i	-1.0759-0.5938i	-1.5400-0.7259i	-1.5866-0.9664i
34.0	-4.6774-1.5379i	3.0390+1.3869i	-0.4387-0.0408i	-0.4860-0.2326i	-1.0347-0.5245i	-1.1239-0.4947i	-1.6049-0.5783i	-1.6577-0.8217i
34.1	-4.7251-0.9852i	3.1214+1.1029i	-0.4175+0.0460i	-0.4955-0.1436i	-1.0749-0.4056i	-1.1598-0.3661i	-1.6562-0.3886i	-1.7078-0.6359i
34.2	-4.7915-0.5804i	3.2013+0.8996i	-0.4123+0.0972i	-0.5056-0.0773i	-1.1170-0.3209i	-1.1989-0.2737i	-1.7100-0.2464i	-1.7672-0.5091i
34.3	-4.6640-0.1890i	3.1725+0.6788i	-0.3754+0.1325i	-0.4863-0.0077i	-1.1190-0.2342i	-1.1946-0.1790i	-1.6922-0.1007i	-1.7741-0.3817i
34.4	-4.5027+0.0813i	3.1029+0.5175i	-0.3439+0.1471i	-0.4555+0.0420i	-1.1037-0.1747i	-1.1742-0.1141i	-1.6521+0.0010i	-1.7575-0.2960i
34.5	-4.3664+0.2794i	3.0384+0.3918i	-0.3257+0.1586i	-0.4234+0.0715i	-1.0929-0.1231i	-1.1588-0.0600i	-1.6186+0.0854i	-1.7514-0.2232i
34.6	-4.2383+0.4635i	2.9838+0.2898i	-0.3126+0.1684i	-0.4031+0.0961i	-1.0825-0.0783i	-1.1440-0.0110i	-1.5842+0.1605i	-1.7448-0.1582i
34.7	-4.1075+0.5800i	2.9164+0.2290i	-0.3030+0.1780i	-0.3804+0.1160i	-1.0665-0.0484i	-1.1238+0.0220i	-1.5443+0.2125i	-1.7293-0.1154i
34.8	-3.9888+0.7279i	2.8583+0.1483i	-0.2984+0.1846i	-0.3585+0.1412i	-1.0602-0.0169i	-1.1132+0.0580i	-1.5104+0.2667i	-1.7367-0.0672i
34.9	-3.8296+0.8266i	2.7754+0.0881i	-0.2960+0.1904i	-0.3323+0.1495i	-1.0440+0.0082i	-1.0915+0.0856i	-1.4663+0.3064i	-1.7253-0.0277i
35.0	-3.6582+0.8939i	2.6878+0.0493i	-0.2931+0.1974i	-0.3075+0.1574i	-1.0245+0.0339i	-1.0651+0.1119i	-1.4149+0.3402i	-1.7066+0.0172i
35.1	-3.5060+0.9732i	2.6145+0.0044i	-0.2920+0.2053i	-0.2841+0.1656i	-1.0095+0.0604i	-1.0436+0.1393i	-1.3733+0.3747i	-1.6914+0.0648i
35.2	-3.3847+1.0577i	2.5585-0.0433i	-0.2953+0.2220i	-0.2609+0.1770i	-1.0013+0.0850i	-1.0298+0.1654i	-1.3396+0.4102i	-1.6900+0.1083i
35.3	-3.2660+1.1135i	2.5059-0.0735i	-0.2971+0.2346i	-0.2383+0.1818i	-0.9926+0.1020i	-1.0155+0.1834i	-1.3077+0.4324i	-1.6858+0.1399i
35.4	-3.1143+1.1526i	2.4402-0.0922i	-0.2970+0.2534i	-0.2160+0.1837i	-0.9805+0.1217i	-0.9957+0.2035i	-1.2700+0.4505i	-1.6731+0.1822i
35.5	-2.9991+1.1886i	2.3782-0.1159i	-0.2905+0.2729i	-0.2043+0.1829i	-0.9683+0.1413i	-0.9794+0.2226i	-1.2323+0.4715i	-1.6673+0.2197i
35.6	-2.8731+1.2238i	2.3181-0.1327i	-0.2791+0.2888i	-0.1881+0.1838i	-0.9535+0.1604i	-0.9603+0.2407i	-1.1930+0.4905i	-1.6542+0.2569i
35.7	-2.7607+1.2310i	2.2749-0.1392i	-0.2760+0.3091i	-0.1742+0.1810i	-0.9451+0.1776i	-0.9457+0.2552i	-1.1613+0.4999i	-1.6471+0.2956i
35.8	-2.6499+1.2417i	2.2293-0.1411i	-0.2756+0.3348i	-0.1612+0.1802i	-0.9360+0.1882i	-0.9311+0.2652i	-1.1302+0.5096i	-1.6415+0.3177i
35.9	-2.5287+1.2269i	2.1758-0.1397i	-0.2559+0.3659i	-0.1483+0.1705i	-0.9222+0.2010i	-0.9122+0.2745i	-1.0927+0.5101i	-1.6292+0.3485i
36.0	-2.4369+1.2232i	2.1436-0.1516i	-0.2278+0.3779i	-0.1375+0.1687i	-0.9126+0.2123i	-0.8989+0.2834i	-1.0654+0.5061i	-1.6193+0.3814i
36.1	-2.3775+1.2135i	2.1188-0.1560i	-0.2021+0.3883i	-0.1381+0.1672i	-0.9073+0.2214i	-0.8906+0.2900i	-1.0496+0.5047i	-1.6141+0.4052i
36.2	-2.2651+1.1923i	2.0695-0.1540i	-0.1690+0.3918i	-0.1336+0.1688i	-0.8998+0.2268i	-0.8794+0.2917i	-1.0254+0.4951i	-1.6110+0.4237i
36.3	-2.1717+1.2088i	2.0370-0.1775i	-0.1406+0.3878i	-0.1230+0.1737i	-0.8928+0.2409i	-0.8698+0.3042i	-1.0027+0.4952i	-1.6090+0.4618i
36.4	-2.1001+1.1862i	2.0062-0.1824i	-0.1257+0.3882i	-0.1145+0.1724i	-0.8934+0.2486i	-0.8676+0.3086i	-0.9944+0.4876i	-1.6169+0.4867i
36.5	-2.0348+1.1510i	1.9764-0.1768i	-0.1127+0.3797i	-0.1075+0.1744i	-0.8922+0.2590i	-0.8648+0.3151i	-0.9883+0.4821i	-1.6177+0.5176i
36.6	-1.9654+1.1216i	1.9555-0.1735i	-0.0981+0.3744i	-0.0896+0.1750i	-0.8966+0.2666i	-0.8668+0.3204i	-0.9831+0.4803i	-1.6357+0.5395i
36.7	-1.9141+1.1005i	1.9385-0.1766i	-0.0821+0.3734i	-0.0757+0.1741i	-0.9054+0.2811i	-0.8731+0.3331i	-0.9790+0.4818i	-1.6645+0.5795i
36.8	-1.8649+1.0976i	1.9199-0.1895i	-0.0678+0.3684i	-0.0673+0.1684i	-0.9085+0.2967i	-0.8760+0.3475i	-0.9754+0.4825i	-1.6777+0.6262i
36.9	-1.8037+1.0827i	1.9022-0.2000i	-0.0564+0.3610i	-0.0526+0.1606i	-0.9149+0.3195i	-0.8797+0.3683i	-0.9703+0.4865i	-1.6998+0.6902i
37.0	-1.7592+1.0557i	1.8816-0.2024i	-0.0520+0.3506i	-0.0451+0.1485i	-0.9163+0.3372i	-0.8793+0.3838i	-0.9682+0.4793i	-1.7044+0.7500i
37.1	-1.7370+1.0326i	1.8682-0.2059i	-0.0471+0.3374i	-0.0493+0.1449i	-0.9228+0.3537i	-0.8848+0.3988i	-0.9773+0.4770i	-1.7151+0.8029i

37.2	-1.7023+0.9998i	1.8475-0.2047i	-0.0612+0.3328i	-0.0526+0.1335i	-0.9277+0.3782i	-0.8867+0.4205i	-0.9878+0.4787i	-1.7159+0.8746i
37.3	-1.6638+0.9927i	1.8224-0.2191i	-0.0661+0.3285i	-0.0519+0.1255i	-0.9313+0.4021i	-0.8874+0.4421i	-0.9928+0.4756i	-1.7169+0.9500i
37.4	-1.6327+0.9900i	1.8021-0.2303i	-0.0778+0.3331i	-0.0549+0.1181i	-0.9402+0.4322i	-0.8932+0.4709i	-1.0076+0.4749i	-1.7251+1.0441i
37.5	-1.5988+0.9908i	1.7788-0.2459i	-0.0804+0.3533i	-0.0700+0.1180i	-0.9407+0.4780i	-0.8915+0.5121i	-1.0290+0.4927i	-1.7020+1.1653i
37.6	-1.5736+0.9875i	1.7717-0.2566i	-0.0791+0.3623i	-0.0756+0.1166i	-0.9434+0.5052i	-0.8919+0.5369i	-1.0511+0.4970i	-1.6840+1.2429i
37.7	-1.5309+0.9815i	1.7470-0.2647i	-0.0823+0.3750i	-0.0858+0.1204i	-0.9391+0.5448i	-0.8845+0.5732i	-1.0776+0.5103i	-1.6389+1.3496i
37.8	-1.4717+0.9651i	1.7072-0.2682i	-0.0781+0.3792i	-0.0870+0.1307i	-0.9163+0.5765i	-0.8597+0.6003i	-1.0950+0.5206i	-1.5454+1.4296i
37.9	-1.4312+0.9621i	1.6861-0.2794i	-0.0725+0.3948i	-0.0932+0.1457i	-0.8982+0.6217i	-0.8395+0.6396i	-1.1242+0.5503i	-1.4523+1.5325i
38.0	-1.4001+0.9613i	1.6708-0.2922i	-0.0709+0.4129i	-0.0968+0.1631i	-0.8943+0.6739i	-0.8322+0.6859i	-1.1787+0.5894i	-1.3770+1.6502i
38.1	-1.3740+0.9490i	1.6559-0.2980i	-0.0695+0.4238i	-0.0906+0.1812i	-0.8760+0.7107i	-0.8129+0.7173i	-1.2184+0.6342i	-1.2747+1.7115i
38.2	-1.3241+0.9436i	1.6328-0.3086i	-0.0579+0.4451i	-0.0717+0.1969i	-0.8400+0.7559i	-0.7763+0.7560i	-1.2393+0.7138i	-1.1349+1.7626i
38.3	-1.3013+0.9306i	1.6196-0.3102i	-0.0536+0.4829i	-0.0599+0.2023i	-0.8140+0.7896i	-0.7503+0.7830i	-1.2547+0.7959i	-1.0378+1.7743i
38.4	-1.2578+0.9181i	1.5871-0.3114i	-0.0483+0.5251i	-0.0563+0.1996i	-0.7817+0.8269i	-0.7185+0.8126i	-1.2679+0.8843i	-0.9221+1.7896i
38.5	-1.2214+0.9153i	1.5614-0.3184i	-0.0219+0.5552i	-0.0532+0.2083i	-0.7477+0.8578i	-0.6870+0.8365i	-1.2530+0.9765i	-0.8324+1.7810i
38.6	-1.1799+0.9254i	1.5447-0.3306i	0.0161+0.6100i	-0.0380+0.2296i	-0.7093+0.9040i	-0.6513+0.8746i	-1.2383+1.0748i	-0.7276+1.8133i
38.7	-1.1113+0.9171i	1.5102-0.3377i	0.0761+0.6306i	-0.0187+0.2400i	-0.6513+0.9365i	-0.5983+0.9007i	-1.1725+1.1764i	-0.6152+1.7998i
38.8	-1.0588+0.8987i	1.4903-0.3345i	0.1377+0.6544i	-0.0048+0.2474i	-0.6071+0.9611i	-0.5598+0.9193i	-1.1218+1.2661i	-0.5359+1.7762i
38.9	-0.9956+0.8711i	1.4604-0.3315i	0.2191+0.6751i	0.0182+0.2628i	-0.5419+0.9900i	-0.5029+0.9418i	-1.0377+1.3587i	-0.4259+1.7600i
39.0	-0.9585+0.8418i	1.4528-0.3307i	0.2956+0.6660i	0.0434+0.2677i	-0.4850+1.0078i	-0.4530+0.9567i	-0.9462+1.4211i	-0.3468+1.7465i
39.1	-0.9268+0.8095i	1.4450-0.3314i	0.3617+0.6389i	0.0649+0.2636i	-0.4337+1.0079i	-0.4091+0.9556i	-0.8606+1.4572i	-0.2825+1.7058i
39.2	-0.8885+0.7679i	1.4310-0.3334i	0.4305+0.5897i	0.0954+0.2583i	-0.3744+1.0003i	-0.3579+0.9474i	-0.7638+1.4815i	-0.2056+1.6523i
39.3	-0.8528+0.7303i	1.4256-0.3418i	0.4976+0.5342i	0.1258+0.2593i	-0.3168+1.0021i	-0.3091+0.9499i	-0.6618+1.5121i	-0.1379+1.6239i
39.4	-0.8170+0.6986i	1.4133-0.3526i	0.5579+0.4788i	0.1548+0.2559i	-0.2677+0.9990i	-0.2669+0.9477i	-0.5815+1.5366i	-0.0747+1.5873i
39.5	-0.7870+0.6566i	1.3968-0.3680i	0.5960+0.4100i	0.1911+0.2408i	-0.2108+0.9917i	-0.2165+0.9434i	-0.4773+1.5493i	-0.0108+1.5530i
39.6	-0.7659+0.6192i	1.3798-0.3929i	0.6300+0.3279i	0.2131+0.2103i	-0.1467+0.9794i	-0.1593+0.9346i	-0.3609+1.5544i	0.0654+1.5115i
39.7	-0.7481+0.5871i	1.3475-0.4179i	0.6472+0.2401i	0.2251+0.1812i	-0.1007+0.9552i	-0.1178+0.9151i	-0.2777+1.5467i	0.1183+1.4468i
39.8	-0.7302+0.5487i	1.3103-0.4363i	0.6362+0.1532i	0.2395+0.1659i	-0.0509+0.9457i	-0.0708+0.9093i	-0.1779+1.5619i	0.1712+1.4035i
39.9	-0.7100+0.5158i	1.2720-0.4565i	0.6001+0.0726i	0.2700+0.1395i	0.0051+0.9217i	-0.0182+0.8899i	-0.0574+1.5355i	0.2225+1.3572i
40.0	-0.6921+0.4835i	1.2221-0.4684i	0.5712+0.0106i	0.2810+0.1124i	0.0631+0.8928i	0.0366+0.8650i	0.0592+1.4957i	0.2820+1.3074i
40.1	-0.6788+0.4361i	1.1717-0.4548i	0.5307-0.0305i	0.2860+0.0856i	0.1126+0.8534i	0.0853+0.8293i	0.1607+1.4331i	0.3343+1.2473i
40.2	-0.6809+0.3938i	1.1399-0.4434i	0.4774-0.0660i	0.2926+0.0423i	0.1464+0.7995i	0.1183+0.7803i	0.2398+1.3453i	0.3592+1.1696i
40.3	-0.6775+0.3650i	1.1097-0.4269i	0.4352-0.0760i	0.2820+0.0185i	0.1634+0.7602i	0.1355+0.7443i	0.2803+1.2792i	0.3700+1.1148i
40.4	-0.6784+0.3346i	1.0676-0.4123i	0.3944-0.0944i	0.2710-0.0166i	0.1867+0.7110i	0.1592+0.6983i	0.3326+1.1926i	0.3891+1.0475i
40.5	-0.6817+0.3085i	1.0334-0.3962i	0.3708-0.1100i	0.2555-0.0411i	0.2010+0.6723i	0.1740+0.6627i	0.3689+1.1278i	0.3970+0.9921i
40.6	-0.6879+0.2747i	1.0102-0.3701i	0.3469-0.1213i	0.2386-0.0455i	0.2183+0.6285i	0.1917+0.6222i	0.4132+1.0514i	0.4049+0.9336i
40.7	-0.7010+0.2524i	1.0042-0.3485i	0.3221-0.1253i	0.2311-0.0572i	0.2207+0.5954i	0.1933+0.5922i	0.4270+0.9858i	0.3950+0.8971i
40.8	-0.7013+0.2299i	0.9810-0.3200i	0.2858-0.1272i	0.2229-0.0702i	0.2252+0.5548i	0.1999+0.5537i	0.4430+0.9130i	0.3936+0.8434i
40.9	-0.7105+0.2047i	0.9694-0.2991i	0.2596-0.1293i	0.2147-0.0773i	0.2282+0.5192i	0.2044+0.5196i	0.4525+0.8421i	0.3940+0.8020i
41.0	-0.7215+0.1837i	0.9572-0.2844i	0.2395-0.1393i	0.2007-0.0938i	0.2343+0.4878i	0.2109+0.4912i	0.4616+0.7807i	0.4029+0.7664i
41.1	-0.7298+0.1653i	0.9424-0.2653i	0.2136-0.1387i	0.1850-0.1009i	0.2338+0.4533i	0.2122+0.4577i	0.4575+0.7149i	0.4063+0.7235i
41.2	-0.7447+0.1543i	0.9412-0.2479i	0.2010-0.1333i	0.1728-0.1152i	0.2284+0.4285i	0.2074+0.4339i	0.4469+0.6643i	0.3985+0.6942i
41.3	-0.7498+0.1439i	0.9291-0.2285i	0.1762-0.1341i	0.1573-0.1233i	0.2275+0.3998i	0.2086+0.4066i	0.4399+0.6110i	0.4023+0.6575i
41.4	-0.7614+0.1318i	0.9353-0.2066i	0.1615-0.1153i	0.1481-0.1151i	0.2139+0.3692i	0.1966+0.3765i	0.4124+0.5615i	0.3869+0.6114i
41.5	-0.7738+0.1256i	0.9398-0.2094i	0.1509-0.1087i	0.1489-0.1276i	0.2047+0.3555i	0.1873+0.3642i	0.3948+0.5399i	0.3747+0.5920i
41.6	-0.7796+0.1150i	0.9255-0.1860i	0.1236-0.1010i	0.1229-0.1311i	0.2010+0.3259i	0.1859+0.3354i	0.3899+0.4915i	0.3675+0.5476i
41.7	-0.7933+0.1111i	0.9438-0.1712i	0.1269-0.0809i	0.1223-0.1234i	0.1856+0.3057i	0.1714+0.3140i	0.3681+0.4546i	0.3403+0.5181i
41.8	-0.8077+0.1046i	0.9571-0.1705i	0.1291-0.0805i	0.1327-0.1296i	0.1679+0.2930i	0.1544+0.3022i	0.3364+0.4272i	0.3159+0.5061i
41.9	-0.7991+0.1088i	0.9400-0.1830i	0.1185-0.0916i	0.1198-0.1523i	0.1677+0.2864i	0.1545+0.2968i	0.3304+0.4184i	0.3204+0.4937i
42.0	-0.7926+0.1039i	0.9269-0.1762i	0.1099-0.0838i	0.1041-0.1534i	0.1702+0.2767i	0.1587+0.2871i	0.3296+0.4014i	0.3303+0.4789i
42.1	-0.8060+0.0949i	0.9285-0.1568i	0.0968-0.0726i	0.0944-0.1379i	0.1635+0.2557i	0.1528+0.2653i	0.3124+0.3641i	0.3248+0.4473i
42.2	-0.8171+0.1019i	0.9367-0.1668i	0.0917-0.0594i	0.0894-0.1489i	0.1496+0.2430i	0.1394+0.2527i	0.2866+0.3433i	0.3062+0.4259i
42.3	-0.8206+0.0979i	0.9352-0.1642i	0.1048-0.0473i	0.0720-0.1529i	0.1451+0.2311i	0.1356+0.2402i	0.2740+0.3237i	0.3053+0.4066i
42.4	-0.8231+0.0883i	0.9342-0.1553i	0.1160-0.0527i	0.0654-0.1461i	0.1378+0.2197i	0.1279+0.2295i	0.2560+0.3127i	0.2969+0.3819i
42.5	-0.8248+0.0868i	0.9325-0.1549i	0.1167-0.0643i	0.0581-0.1471i	0.1330+0.2121i	0.1236+0.2224i	0.2454+0.3049i	0.2898+0.3651i
42.6	-0.8310+0.0867i	0.9295-0.1561i	0.1183-0.0751i	0.0467-0.1374i	0.1307+0.2025i	0.1213+0.2135i	0.2386+0.2956i	0.2883+0.3449i
42.7	-0.8327+0.0747i	0.9270-0.1593i	0.1072-0.0804i	0.0458-0.1367i	0.1207+0.1975i	0.1120+0.2081i	0.2258+0.2899i	0.2681+0.3332i
42.8	-0.8390+0.0785i	0.9218-0.1714i	0.0978-0.0863i	0.0445-0.1401i	0.1171+0.1889i	0.1087+0.1994i	0.2219+0.2772i	0.2594+0.3182i
42.9	-0.8431+0.0763i	0.9195-0.1585i	0.0987-0.0789i	0.0403-0.1420i	0.1090+0.1786i	0.1004+0.1898i	0.2122+0.2592i	0.2403+0.3043i
43.0	-0.8505+0.0759i	0.9183-0.1595i	0.0936-0.0866i	0.0312-0.1399i	0.1038+0.1732i	0.0962+0.1848i	0.2024+0.2510i	0.2329+0.2950i
43.1	-0.8533+0.0787i	0.9111-0.1661i	0.0801-0.0983i	0.0247-0.1428i	0.1024+0.1664i	0.0956+0.1787i	0.1978+0.2443i	0.2316+0.2784i
43.2	-0.8476+0.0826i	0.8936-0.1804i	0.0671-0.1078i	0.0176-0.1485i	0.1011+0.1622i	0.0952+0.1764i	0.1977+0.2440i	0.2280+0.2697i
43.3	-0.8492+0.0882i	0.8854-0.1778i	0.0491-0.1033i	0.0087-0.1500i	0.0985+0.1538i	0.0928+0.1675i	0.1969+0.2268i	0.2180+0.2585i
43.4	-0.8543+0.0846i	0.8777-0.1661i	0.0417-0.0950i	-0.0036-0.1421i	0.0941+0.1452i	0.0889+0.1579i	0.1889+0.2111i	0.2097+0.2436i

43.5	-0.8585+0.0875i	0.8738-0.1681i	0.0400-0.0902i	-0.0065-0.1383i	0.0892+0.1388i	0.0849+0.1509i	0.1798+0.2039i	0.2035+0.2293i
43.6	-0.8675+0.0929i	0.8781-0.1737i	0.0382-0.0863i	-0.0079-0.1399i	0.0803+0.1314i	0.0759+0.1443i	0.1662+0.1956i	0.1898+0.2169i
43.7	-0.8600+0.0945i	0.8635-0.1695i	0.0320-0.0892i	-0.0137-0.1299i	0.0754+0.1255i	0.0717+0.1370i	0.1604+0.1890i	0.1769+0.2034i
43.8	-0.8581+0.0906i	0.8525-0.1626i	0.0193-0.0861i	-0.0176-0.1356i	0.0733+0.1203i	0.0694+0.1325i	0.1616+0.1787i	0.1663+0.1984i
43.9	-0.8609+0.0894i	0.8473-0.1622i	0.0125-0.0810i	-0.0331-0.1428i	0.0707+0.1149i	0.0679+0.1274i	0.1578+0.1663i	0.1628+0.1937i
44.0	-0.8686+0.0886i	0.8464-0.1546i	0.0072-0.0767i	-0.0401-0.1283i	0.0673+0.1072i	0.0656+0.1190i	0.1517+0.1535i	0.1581+0.1819i
44.1	-0.8786+0.0983i	0.8435-0.1488i	0.0054-0.0606i	-0.0508-0.1204i	0.0619+0.0979i	0.0607+0.1086i	0.1406+0.1394i	0.1520+0.1657i
44.2	-0.8804+0.1034i	0.8479-0.1444i	0.0217-0.0669i	-0.0546-0.1069i	0.0523+0.0944i	0.0503+0.1051i	0.1256+0.1364i	0.1341+0.1560i
44.3	-0.8846+0.1029i	0.8460-0.1398i	0.0095-0.0751i	-0.0477-0.0958i	0.0473+0.0888i	0.0456+0.0998i	0.1216+0.1293i	0.1221+0.1463i
44.4	-0.8765+0.1024i	0.8337-0.1388i	-0.0239-0.0744i	-0.0386-0.0879i	0.0444+0.0864i	0.0439+0.0961i	0.1210+0.1246i	0.1132+0.1424i
44.5	-0.8744+0.1041i	0.8246-0.1274i	-0.0401-0.0544i	-0.0343-0.0864i	0.0398+0.0812i	0.0394+0.0904i	0.1176+0.1133i	0.1004+0.1369i
44.6	-0.8743+0.1161i	0.8253-0.1333i	-0.0270-0.0477i	-0.0350-0.0885i	0.0329+0.0759i	0.0319+0.0856i	0.1056+0.1047i	0.0885+0.1289i
44.7	-0.8722+0.1219i	0.8274-0.1329i	-0.0317-0.0416i	-0.0339-0.0858i	0.0272+0.0723i	0.0263+0.0820i	0.0979+0.0972i	0.0758+0.1246i
44.8	-0.8765+0.1287i	0.8277-0.1279i	-0.0354-0.0327i	-0.0307-0.0831i	0.0244+0.0684i	0.0228+0.0780i	0.0930+0.0884i	0.0700+0.1212i
44.9	-0.8845+0.1385i	0.8348-0.1331i	-0.0314-0.0174i	-0.0243-0.0890i	0.0155+0.0647i	0.0134+0.0745i	0.0774+0.0803i	0.0563+0.1190i
45.0	-0.8862+0.1416i	0.8345-0.1311i	-0.0270-0.0083i	-0.0268-0.0909i	0.0103+0.0620i	0.0086+0.0719i	0.0694+0.0748i	0.0478+0.1153i
45.1	-0.8798+0.1530i	0.8276-0.1322i	-0.0174-0.0114i	-0.0373-0.0887i	0.0040+0.0580i	0.0015+0.0689i	0.0591+0.0700i	0.0354+0.1107i
45.2	-0.8777+0.1567i	0.8257-0.1397i	-0.0251-0.0157i	-0.0371-0.0841i	0.0006+0.0579i	-0.0015+0.0686i	0.0525+0.0696i	0.0294+0.1111i
45.3	-0.8813+0.1629i	0.8226-0.1458i	-0.0253-0.0133i	-0.0432-0.0799i	-0.0041+0.0561i	-0.0050+0.0672i	0.0447+0.0669i	0.0221+0.1092i
45.4	-0.8763+0.1782i	0.8267-0.1528i	-0.0226-0.0094i	-0.0376-0.0761i	-0.0105+0.0544i	-0.0112+0.0662i	0.0355+0.0618i	0.0092+0.1105i
45.5	-0.8657+0.1834i	0.8175-0.1503i	-0.0365-0.0091i	-0.0382-0.0824i	-0.0133+0.0545i	-0.0131+0.0670i	0.0337+0.0603i	0.0027+0.1129i
45.6	-0.8695+0.1892i	0.8110-0.1437i	-0.0356-0.0060i	-0.0346-0.0848i	-0.0177+0.0514i	-0.0173+0.0636i	0.0273+0.0559i	-0.0050+0.1075i
45.7	-0.8720+0.1956i	0.8103-0.1508i	-0.0321+0.0059i	-0.0306-0.0865i	-0.0218+0.0501i	-0.0218+0.0628i	0.0221+0.0533i	-0.0137+0.1062i
45.8	-0.8662+0.1967i	0.8090-0.1567i	-0.0353+0.0214i	-0.0322-0.0906i	-0.0267+0.0489i	-0.0265+0.0616i	0.0165+0.0486i	-0.0248+0.1094i
45.9	-0.8507+0.2113i	0.8099-0.1632i	-0.0164+0.0370i	-0.0479-0.0994i	-0.0315+0.0482i	-0.0309+0.0611i	0.0063+0.0455i	-0.0303+0.1112i
46.0	-0.8532+0.2092i	0.8138-0.1678i	0.0035+0.0316i	-0.0643-0.0982i	-0.0366+0.0480i	-0.0343+0.0615i	-0.0023+0.0425i	-0.0364+0.1151i
46.1	-0.8464+0.2249i	0.8082-0.1654i	0.0114+0.0077i	-0.0740-0.0839i	-0.0397+0.0477i	-0.0372+0.0620i	-0.0088+0.0417i	-0.0379+0.1144i
46.2	-0.8320+0.2361i	0.7964-0.1735i	-0.0094-0.0049i	-0.0693-0.0697i	-0.0449+0.0492i	-0.0422+0.0630i	-0.0153+0.0421i	-0.0476+0.1170i
46.3	-0.8275+0.2298i	0.7913-0.1749i	-0.0295+0.0026i	-0.0554-0.0767i	-0.0472+0.0483i	-0.0443+0.0619i	-0.0173+0.0396i	-0.0534+0.1172i
46.4	-0.8201+0.2377i	0.7858-0.1822i	-0.0345+0.0208i	-0.0615-0.0821i	-0.0467+0.0493i	-0.0418+0.0623i	-0.0171+0.0378i	-0.0505+0.1225i
46.5	-0.8100+0.2517i	0.7826-0.1944i	-0.0195+0.0313i	-0.0720-0.0829i	-0.0474+0.0479i	-0.0416+0.0609i	-0.0238+0.0331i	-0.0446+0.1244i
46.6	-0.8042+0.2572i	0.7760-0.1941i	-0.0110+0.0283i	-0.0794-0.0765i	-0.0504+0.0446i	-0.0449+0.0570i	-0.0335+0.0288i	-0.0434+0.1174i
46.7	-0.7951+0.2594i	0.7713-0.1968i	-0.0026+0.0277i	-0.0805-0.0591i	-0.0574+0.0434i	-0.0514+0.0546i	-0.0457+0.0261i	-0.0563+0.1130i
46.8	-0.7767+0.2602i	0.7573-0.1908i	-0.0060+0.0286i	-0.0805-0.0512i	-0.0616+0.0413i	-0.0543+0.0529i	-0.0513+0.0224i	-0.0628+0.1108i
46.9	-0.7705+0.2693i	0.7544-0.2031i	-0.0084+0.0248i	-0.0810-0.0559i	-0.0665+0.0436i	-0.0584+0.0551i	-0.0585+0.0240i	-0.0665+0.1148i
47.0	-0.7744+0.2674i	0.7592-0.1982i	-0.0035+0.0155i	-0.0800-0.0530i	-0.0701+0.0432i	-0.0625+0.0545i	-0.0640+0.0227i	-0.0729+0.1184i
47.1	-0.7678+0.2657i	0.7511-0.1954i	-0.0156+0.0143i	-0.0788-0.0462i	-0.0726+0.0421i	-0.0640+0.0534i	-0.0716+0.0173i	-0.0789+0.1156i
47.2	-0.7641+0.2689i	0.7420-0.2017i	-0.0167+0.0271i	-0.0851-0.0497i	-0.0763+0.0436i	-0.0668+0.0545i	-0.0770+0.0180i	-0.0842+0.1200i
47.3	-0.7532+0.2741i	0.7422-0.2067i	-0.0008+0.0264i	-0.0903-0.0374i	-0.0786+0.0446i	-0.0689+0.0543i	-0.0835+0.0189i	-0.0856+0.1258i
47.4	-0.7373+0.2777i	0.7302-0.2142i	0.0018+0.0235i	-0.0863-0.0253i	-0.0840+0.0447i	-0.0733+0.0538i	-0.0941+0.0168i	-0.0928+0.1249i
47.5	-0.7305+0.2803i	0.7256-0.2126i	-0.0022+0.0183i	-0.0824-0.0204i	-0.0892+0.0432i	-0.0792+0.0525i	-0.1050+0.0129i	-0.0996+0.1234i
47.6	-0.7162+0.2859i	0.7255-0.2145i	0.0001+0.0185i	-0.0755-0.0249i	-0.0919+0.0452i	-0.0825+0.0543i	-0.1102+0.0167i	-0.1010+0.1263i
47.7	-0.7050+0.2806i	0.7124-0.2086i	-0.0058+0.0186i	-0.0744-0.0209i	-0.0946+0.0488i	-0.0835+0.0564i	-0.1153+0.0229i	-0.1055+0.1332i
47.8	-0.7030+0.2779i	0.6977-0.2146i	0.0066+0.0190i	-0.0855-0.0249i	-0.0956+0.0488i	-0.0841+0.0560i	-0.1194+0.0199i	-0.1012+0.1328i
47.9	-0.7063+0.2798i	0.6996-0.2178i	0.0190+0.0170i	-0.0757+0.0078i	-0.1000+0.0486i	-0.0897+0.0552i	-0.1284+0.0202i	-0.1055+0.1333i
48.0	-0.6950+0.2780i	0.7010-0.2145i	-0.0026-0.0015i	-0.0738+0.0108i	-0.1046+0.0490i	-0.0940+0.0550i	-0.1389+0.0227i	-0.1142+0.1300i
48.1	-0.6857+0.2744i	0.6912-0.2199i	-0.0160-0.0102i	-0.0623+0.0166i	-0.1063+0.0501i	-0.0955+0.0556i	-0.1430+0.0265i	-0.1173+0.1287i
48.2	-0.6755+0.2774i	0.6869-0.2169i	-0.0278+0.0021i	-0.0440+0.0150i	-0.1078+0.0503i	-0.0970+0.0561i	-0.1452+0.0253i	-0.1206+0.1337i
48.3	-0.6676+0.2845i	0.6739-0.2148i	-0.0398+0.0199i	-0.0437+0.0036i	-0.1113+0.0509i	-0.1005+0.0562i	-0.1538+0.0261i	-0.1247+0.1370i
48.4	-0.6603+0.2693i	0.6651-0.2040i	-0.0387+0.0277i	-0.0363-0.0034i	-0.1138+0.0515i	-0.1036+0.0561i	-0.1604+0.0260i	-0.1294+0.1367i
48.5	-0.6536+0.2658i	0.6630-0.2037i	-0.0298+0.0274i	-0.0427-0.0021i	-0.1153+0.0530i	-0.1054+0.0576i	-0.1671+0.0283i	-0.1290+0.1387i
48.6	-0.6553+0.2647i	0.6644-0.2092i	-0.0320+0.0295i	-0.0300-0.0038i	-0.1189+0.0547i	-0.1086+0.0581i	-0.1732+0.0318i	-0.1299+0.1411i
48.7	-0.6433+0.2644i	0.6536-0.2188i	-0.0290+0.0442i	-0.0361-0.0225i	-0.1223+0.0573i	-0.1119+0.0606i	-0.1794+0.0351i	-0.1320+0.1449i
48.8	-0.6383+0.2564i	0.6513-0.2022i	-0.0078+0.0487i	-0.0607-0.0215i	-0.1227+0.0591i	-0.1118+0.0624i	-0.1835+0.0390i	-0.1308+0.1489i
48.9	-0.6410+0.2461i	0.6541-0.1965i	-0.0080+0.0318i	-0.0654-0.0036i	-0.1252+0.0582i	-0.1139+0.0611i	-0.1911+0.0403i	-0.1329+0.1447i
49.0	-0.6346+0.2566i	0.6489-0.2037i	-0.0162+0.0207i	-0.0508+0.0105i	-0.1266+0.0612i	-0.1158+0.0639i	-0.1954+0.0477i	-0.1344+0.1460i
49.1	-0.6304+0.2582i	0.6424-0.2129i	-0.0233+0.0197i	-0.0387+0.0108i	-0.1283+0.0635i	-0.1176+0.0652i	-0.1980+0.0531i	-0.1361+0.1453i
49.2	-0.6190+0.2528i	0.6380-0.2059i	-0.0274+0.0260i	-0.0328+0.0048i	-0.1302+0.0632i	-0.1195+0.0642i	-0.2007+0.0539i	-0.1397+0.1449i
49.3	-0.6238+0.2529i	0.6513-0.2034i	-0.0207+0.0325i	-0.0334-0.0021i	-0.1329+0.0645i	-0.1229+0.0656i	-0.2061+0.0567i	-0.1448+0.1487i
49.4	-0.6394+0.2522i	0.6388-0.2022i	-0.0315+0.0327i	-0.0416-0.0031i	-0.1384+0.0667i	-0.1288+0.0676i	-0.2166+0.0602i	-0.1548+0.1491i
49.5	-0.6335+0.2422i	0.6298-0.1974i	-0.0436+0.0349i	-0.0484-0.0015i	-0.1423+0.0663i	-0.1322+0.0668i	-0.2235+0.0588i	-0.1630+0.1470i
49.6	-0.6230+0.2412i	0.6304-0.2047i	-0.0377+0.0362i	-0.0235-0.0113i	-0.1424+0.0683i	-0.1318+0.0677i	-0.2244+0.0613i	-0.1588+0.1485i
49.7	-0.6479+0.2424i	0.6108-0.1934i	-0.0666+0.0612i	-0.0570-0.0019i	-0.1517+0.0695i	-0.1402+0.0685i	-0.2397+0.0670i	-0.1771+0.1508i

49.8	-0.6711+0.2399i	0.5853-0.1931i	-0.1001+0.0454i	-0.1108-0.0293i	-0.1604+0.0692i	-0.1475+0.0681i	-0.2591+0.0687i	-0.1957+0.1458i
49.9	-0.6443+0.2597i	0.6053-0.1940i	-0.0598+0.0637i	-0.0848+0.0051i	-0.1572+0.0768i	-0.1452+0.0757i	-0.2524+0.0829i	-0.1849+0.1602i
50.0	-0.6264+0.2563i	0.6263-0.2118i	-0.0214+0.0450i	-0.0453-0.0056i	-0.1560+0.0773i	-0.1456+0.0759i	-0.2510+0.0827i	-0.1772+0.1577i
50.1	-0.6265+0.2587i	0.6438-0.2046i	-0.0010+0.0529i	-0.0193-0.0172i	-0.1591+0.0791i	-0.1497+0.0779i	-0.2536+0.0847i	-0.1791+0.1611i
50.2	-0.6142+0.2602i	0.6434-0.1990i	-0.0099+0.0543i	-0.0220-0.0125i	-0.1623+0.0823i	-0.1525+0.0804i	-0.2580+0.0899i	-0.1848+0.1637i
50.3	-0.6180+0.2584i	0.6282-0.2034i	-0.0190+0.0644i	-0.0312+0.0022i	-0.1654+0.0869i	-0.1552+0.0836i	-0.2622+0.0986i	-0.1924+0.1721i
50.4	-0.6277+0.2588i	0.6313-0.2025i	-0.0193+0.0704i	-0.0344+0.0024i	-0.1691+0.0901i	-0.1594+0.0868i	-0.2699+0.1054i	-0.1994+0.1778i
50.5	-0.6149+0.2723i	0.6406-0.1891i	-0.0134+0.0696i	-0.0129+0.0052i	-0.1712+0.0929i	-0.1624+0.0896i	-0.2739+0.1116i	-0.2005+0.1804i
50.6	-0.6221+0.2804i	0.6396-0.1973i	-0.0105+0.0782i	-0.0167+0.0111i	-0.1746+0.0981i	-0.1658+0.0941i	-0.2806+0.1202i	-0.2049+0.1877i
50.7	-0.6269+0.2801i	0.6228-0.2153i	-0.0177+0.0719i	-0.0231+0.0008i	-0.1770+0.1017i	-0.1678+0.0987i	-0.2823+0.1254i	-0.2083+0.1905i
50.8	-0.6217+0.2697i	0.5977-0.2283i	-0.0308+0.0717i	-0.0276-0.0007i	-0.1752+0.1060i	-0.1670+0.1022i	-0.2804+0.1311i	-0.2085+0.1945i
50.9	-0.6181+0.2606i	0.5996-0.2296i	-0.0296+0.0736i	-0.0323-0.0046i	-0.1760+0.1074i	-0.1683+0.1021i	-0.2810+0.1334i	-0.2124+0.1971i
51.0	-0.6162+0.2825i	0.5988-0.2284i	-0.0247+0.0913i	-0.0402-0.0058i	-0.1793+0.1139i	-0.1713+0.1098i	-0.2847+0.1450i	-0.2187+0.2087i
51.1	-0.6224+0.2942i	0.6082-0.2233i	-0.0131+0.1011i	-0.0366-0.0059i	-0.1811+0.1177i	-0.1732+0.1130i	-0.2895+0.1510i	-0.2199+0.2143i
51.2	-0.6146+0.3034i	0.6090-0.2329i	0.0022+0.0955i	-0.0406-0.0039i	-0.1829+0.1238i	-0.1752+0.1176i	-0.2958+0.1597i	-0.2196+0.2217i
51.3	-0.5980+0.3060i	0.6076-0.2469i	0.0212+0.0890i	-0.0403+0.0010i	-0.1806+0.1302i	-0.1741+0.1236i	-0.2938+0.1712i	-0.2147+0.2319i
51.4	-0.5809+0.2983i	0.6235-0.2618i	0.0345+0.1031i	-0.0244+0.0026i	-0.1804+0.1340i	-0.1761+0.1272i	-0.2944+0.1809i	-0.2155+0.2409i
51.5	-0.5785+0.3116i	0.6286-0.2538i	0.0282+0.1003i	-0.0319+0.0037i	-0.1822+0.1370i	-0.1773+0.1300i	-0.2992+0.1879i	-0.2202+0.2444i
51.6	-0.5890+0.3077i	0.6080-0.2606i	0.0354+0.0958i	-0.0368+0.0026i	-0.1847+0.1415i	-0.1790+0.1350i	-0.3029+0.1924i	-0.2215+0.2494i
51.7	-0.5884+0.3073i	0.6020-0.2599i	0.0373+0.0906i	-0.0394+0.0029i	-0.1848+0.1436i	-0.1791+0.1369i	-0.3033+0.1941i	-0.2195+0.2539i
51.8	-0.5787+0.3201i	0.5935-0.2546i	0.0455+0.0835i	-0.0493+0.0070i	-0.1811+0.1475i	-0.1755+0.1401i	-0.2991+0.2007i	-0.2157+0.2576i
51.9	-0.5826+0.3223i	0.5873-0.2571i	0.0530+0.0714i	-0.0483+0.0234i	-0.1814+0.1516i	-0.1780+0.1436i	-0.3022+0.2097i	-0.2141+0.2592i
52.0	-0.5763+0.3191i	0.5913-0.2590i	0.0532+0.0657i	-0.0375+0.0286i	-0.1817+0.1535i	-0.1781+0.1468i	-0.3037+0.2149i	-0.2125+0.2631i
52.1	-0.5765+0.3294i	0.5930-0.2641i	0.0487+0.0579i	-0.0346+0.0284i	-0.1843+0.1559i	-0.1812+0.1491i	-0.3088+0.2206i	-0.2168+0.2679i
52.2	-0.5699+0.3317i	0.5853-0.2704i	0.0467+0.0552i	-0.0341+0.0405i	-0.1854+0.1594i	-0.1829+0.1514i	-0.3099+0.2265i	-0.2211+0.2681i
52.3	-0.5693+0.3324i	0.5837-0.2786i	0.0529+0.0507i	-0.0372+0.0428i	-0.1857+0.1614i	-0.1835+0.1531i	-0.3112+0.2306i	-0.2213+0.2700i
52.4	-0.5614+0.3311i	0.5844-0.2740i	0.0445+0.0359i	-0.0261+0.0486i	-0.1863+0.1648i	-0.1847+0.1575i	-0.3130+0.2387i	-0.2232+0.2745i
52.5	-0.5625+0.3338i	0.5791-0.2740i	0.0327+0.0317i	-0.0079+0.0520i	-0.1882+0.1679i	-0.1877+0.1625i	-0.3135+0.2477i	-0.2308+0.2803i
52.6	-0.5687+0.3420i	0.5812-0.2805i	0.0279+0.0342i	-0.0004+0.0532i	-0.1926+0.1722i	-0.1919+0.1659i	-0.3189+0.2540i	-0.2367+0.2847i
52.7	-0.5732+0.3537i	0.5886-0.2932i	0.0279+0.0400i	0.0101+0.0567i	-0.1985+0.1777i	-0.1982+0.1707i	-0.3311+0.2627i	-0.2426+0.2934i
52.8	-0.5726+0.3640i	0.5899-0.2984i	0.0219+0.0397i	0.0265+0.0594i	-0.2023+0.1852i	-0.2028+0.1785i	-0.3395+0.2766i	-0.2510+0.3062i
52.9	-0.5735+0.3719i	0.5954-0.3033i	0.0144+0.0517i	0.0364+0.0362i	-0.2065+0.1917i	-0.2069+0.1851i	-0.3431+0.2865i	-0.2591+0.3140i
53.0	-0.5723+0.3778i	0.5931-0.3149i	0.0096+0.0564i	0.0425+0.0236i	-0.2108+0.1988i	-0.2115+0.1928i	-0.3472+0.2992i	-0.2654+0.3252i
53.1	-0.5761+0.4026i	0.6065-0.3406i	0.0186+0.0668i	0.0345+0.0097i	-0.2162+0.2167i	-0.2174+0.2102i	-0.3559+0.3249i	-0.2719+0.3544i
53.2	-0.5767+0.4248i	0.6094-0.3645i	0.0234+0.0721i	0.0388+0.0022i	-0.2207+0.2321i	-0.2221+0.2259i	-0.3642+0.3489i	-0.2777+0.3801i
53.3	-0.5753+0.4450i	0.6077-0.3793i	0.0250+0.0811i	0.0387-0.0083i	-0.2239+0.2456i	-0.2252+0.2392i	-0.3678+0.3710i	-0.2837+0.4014i
53.4	-0.5671+0.4693i	0.5959-0.4086i	0.0394+0.0797i	0.0275-0.0084i	-0.2206+0.2663i	-0.2230+0.2593i	-0.3643+0.4024i	-0.2782+0.4315i
53.5	-0.5375+0.4810i	0.5641-0.4296i	0.0447+0.0608i	0.0377-0.0035i	-0.2046+0.2808i	-0.2088+0.2741i	-0.3401+0.4282i	-0.2544+0.4499i
53.6	-0.5237+0.4908i	0.5511-0.4426i	0.0393+0.0596i	0.0405-0.0139i	-0.1957+0.2912i	-0.2010+0.2857i	-0.3254+0.4462i	-0.2408+0.4652i
53.7	-0.5167+0.5164i	0.5433-0.4641i	0.0453+0.0728i	0.0351-0.0213i	-0.1903+0.3064i	-0.1964+0.3011i	-0.3190+0.4672i	-0.2316+0.4908i
53.8	-0.4958+0.5363i	0.5311-0.4832i	0.0570+0.0731i	0.0391-0.0235i	-0.1842+0.3188i	-0.1906+0.3143i	-0.3109+0.4861i	-0.2192+0.5124i
53.9	-0.4665+0.5536i	0.5077-0.4857i	0.0796+0.0741i	0.0307-0.0310i	-0.1733+0.3300i	-0.1805+0.3272i	-0.2956+0.5064i	-0.1991+0.5277i
54.0	-0.4309+0.5649i	0.4706-0.5030i	0.0877+0.0578i	0.0255-0.0385i	-0.1545+0.3395i	-0.1619+0.3396i	-0.2681+0.5240i	-0.1702+0.5440i
54.1	-0.4008+0.5904i	0.4432-0.5324i	0.1039+0.0509i	0.0163-0.0490i	-0.1391+0.3597i	-0.1466+0.3606i	-0.2487+0.5569i	-0.1429+0.5737i
54.2	-0.3771+0.5965i	0.4147-0.5417i	0.1000+0.0402i	0.0195-0.0569i	-0.1257+0.3700i	-0.1332+0.3724i	-0.2263+0.5761i	-0.1242+0.5884i
54.3	-0.3371+0.5954i	0.3785-0.5450i	0.1097+0.0405i	0.0085-0.0647i	-0.1038+0.3754i	-0.1110+0.3794i	-0.1928+0.5862i	-0.0899+0.5964i
54.4	-0.2976+0.5859i	0.3491-0.5372i	0.1179+0.0229i	-0.0094-0.0718i	-0.0827+0.3746i	-0.0900+0.3810i	-0.1607+0.5888i	-0.0558+0.5936i
54.5	-0.2634+0.5766i	0.3197-0.5177i	0.1212+0.0008i	-0.0271-0.0654i	-0.0618+0.3726i	-0.0680+0.3814i	-0.1278+0.5910i	-0.0233+0.5868i
54.6	-0.2331+0.5521i	0.2946-0.5000i	0.1190-0.0246i	-0.0427-0.0631i	-0.0439+0.3657i	-0.0480+0.3774i	-0.0963+0.5870i	0.0048+0.5756i
54.7	-0.2168+0.5421i	0.2721-0.4984i	0.1037-0.0367i	-0.0504-0.0589i	-0.0307+0.3617i	-0.0309+0.3727i	-0.0719+0.5835i	0.0269+0.5669i
54.8	-0.2061+0.5392i	0.2662-0.4886i	0.1027-0.0233i	-0.0679-0.0585i	-0.0229+0.3628i	-0.0213+0.3725i	-0.0585+0.5822i	0.0431+0.5677i
54.9	-0.1945+0.5227i	0.2492-0.4699i	0.1065-0.0400i	-0.0867-0.0369i	-0.0157+0.3596i	-0.0118+0.3691i	-0.0461+0.5779i	0.0541+0.5619i
55.0	-0.1594+0.5085i	0.2199-0.4686i	0.0937-0.0736i	-0.0928-0.0039i	0.0053+0.3547i	0.0125+0.3621i	-0.0086+0.5744i	0.0855+0.5454i
55.1	-0.1397+0.4996i	0.1974-0.4569i	0.0752-0.0904i	-0.0831+0.0160i	0.0209+0.3495i	0.0295+0.3554i	0.0200+0.5697i	0.1106+0.5338i
55.2	-0.1274+0.4850i	0.1845-0.4435i	0.0616-0.0844i	-0.0795+0.0327i	0.0330+0.3456i	0.0417+0.3490i	0.0412+0.5606i	0.1277+0.5260i
55.3	-0.1176+0.4605i	0.1703-0.4212i	0.0469-0.0773i	-0.0657+0.0415i	0.0413+0.3350i	0.0487+0.3376i	0.0559+0.5422i	0.1356+0.5089i
55.4	-0.1056+0.4545i	0.1620-0.4163i	0.0353-0.0901i	-0.0524+0.0544i	0.0494+0.3312i	0.0580+0.3341i	0.0714+0.5390i	0.1475+0.5009i
55.5	-0.0769+0.4506i	0.1417-0.4213i	0.0160-0.0881i	-0.0383+0.0576i	0.0672+0.3286i	0.0765+0.3282i	0.0999+0.5335i	0.1767+0.4906i
55.6	-0.0642+0.4274i	0.1172-0.4037i	0.0139-0.0796i	-0.0325+0.0573i	0.0808+0.3201i	0.0889+0.3190i	0.1220+0.5200i	0.1941+0.4729i
55.7	-0.0599+0.4040i	0.1160-0.3786i	0.0088-0.0759i	-0.0198+0.0596i	0.0850+0.3076i	0.0908+0.3070i	0.1299+0.5019i	0.1953+0.4546i
55.8	-0.0506+0.3826i	0.1002-0.3608i	-0.0083-0.0681i	-0.0084+0.0659i	0.0940+0.2955i	0.0990+0.2937i	0.1439+0.4816i	0.2071+0.4358i
55.9	-0.0535+0.3631i	0.0920-0.3415i	-0.0170-0.0637i	0.0018+0.0597i	0.0966+0.2849i	0.1029+0.2819i	0.1504+0.4636i	0.2109+0.4174i
56.0	-0.0423+0.3447i	0.0879-0.3282i	-0.0260-0.0567i	0.0136+0.0535i	0.1012+0.2726i	0.1068+0.2701i	0.1603+0.4440i	0.2142+0.3985i

56.1	-0.0286+0.3248i	0.0786-0.3124i	-0.0268-0.0454i	0.0077+0.0481i	0.1112+0.2614i	0.1154+0.2588i	0.1756+0.4259i	0.2233+0.3822i
56.2	-0.0194+0.3044i	0.0676-0.2941i	-0.0325-0.0425i	0.0113+0.0525i	0.1173+0.2496i	0.1220+0.2477i	0.1869+0.4062i	0.2286+0.3650i
56.3	-0.0306+0.2907i	0.0697-0.2665i	-0.0409-0.0361i	0.0146+0.0493i	0.1139+0.2367i	0.1185+0.2359i	0.1848+0.3859i	0.2214+0.3474i
56.4	-0.0343+0.2753i	0.0740-0.2480i	-0.0377-0.0388i	0.0286+0.0385i	0.1113+0.2266i	0.1154+0.2228i	0.1809+0.3668i	0.2153+0.3302i
56.5	-0.0306+0.2603i	0.0725-0.2428i	-0.0437-0.0303i	0.0352+0.0348i	0.1103+0.2201i	0.1149+0.2150i	0.1798+0.3536i	0.2150+0.3211i
56.6	-0.0368+0.2460i	0.0762-0.2363i	-0.0475-0.0275i	0.0370+0.0295i	0.1106+0.2117i	0.1144+0.2064i	0.1804+0.3399i	0.2145+0.3101i
56.7	-0.0348+0.2289i	0.0746-0.2225i	-0.0504-0.0145i	0.0386+0.0295i	0.1098+0.2024i	0.1128+0.1986i	0.1780+0.3255i	0.2102+0.2973i
56.8	-0.0371+0.2232i	0.0742-0.2109i	-0.0399-0.0165i	0.0332+0.0242i	0.1114+0.1992i	0.1148+0.1956i	0.1804+0.3195i	0.2126+0.2927i
56.9	-0.0390+0.2144i	0.0704-0.1961i	-0.0351-0.0130i	0.0305+0.0218i	0.1117+0.1937i	0.1148+0.1896i	0.1829+0.3104i	0.2118+0.2836i
57.0	-0.0450+0.2048i	0.0676-0.1847i	-0.0428-0.0053i	0.0391+0.0241i	0.1112+0.1902i	0.1137+0.1855i	0.1809+0.3058i	0.2096+0.2786i
57.1	-0.0431+0.1936i	0.0706-0.1831i	-0.0440+0.0024i	0.0365+0.0165i	0.1099+0.1837i	0.1119+0.1796i	0.1795+0.2962i	0.2040+0.2696i
57.2	-0.0530+0.1833i	0.0838-0.1770i	-0.0430+0.0033i	0.0327+0.0148i	0.1054+0.1775i	0.1081+0.1734i	0.1723+0.2839i	0.1971+0.2604i
57.3	-0.0512+0.1713i	0.0865-0.1669i	-0.0416+0.0072i	0.0315+0.0081i	0.1034+0.1740i	0.1064+0.1696i	0.1693+0.2759i	0.1954+0.2564i
57.4	-0.0553+0.1654i	0.0828-0.1562i	-0.0462+0.0124i	0.0367+0.0074i	0.1053+0.1691i	0.1081+0.1647i	0.1729+0.2688i	0.1972+0.2492i
57.5	-0.0592+0.1646i	0.0809-0.1496i	-0.0466+0.0103i	0.0357+0.0207i	0.1030+0.1628i	0.1060+0.1579i	0.1702+0.2586i	0.1927+0.2369i
57.6	-0.0589+0.1527i	0.0861-0.1349i	-0.0385+0.0131i	0.0360+0.0118i	0.0981+0.1566i	0.1002+0.1522i	0.1635+0.2477i	0.1856+0.2303i
57.7	-0.0555+0.1560i	0.0834-0.1338i	-0.0412+0.0186i	0.0446+0.0062i	0.1039+0.1549i	0.1062+0.1506i	0.1707+0.2460i	0.1947+0.2283i
57.8	-0.0644+0.1408i	0.0867-0.1234i	-0.0449+0.0193i	0.0450+0.0040i	0.1028+0.1486i	0.1041+0.1433i	0.1687+0.2346i	0.1906+0.2190i
57.9	-0.0730+0.1402i	0.0968-0.1232i	-0.0437+0.0239i	0.0437+0.0032i	0.1002+0.1502i	0.1010+0.1448i	0.1650+0.2362i	0.1872+0.2229i
58.0	-0.0750+0.1443i	0.1006-0.1253i	-0.0421+0.0239i	0.0445-0.0028i	0.0989+0.1501i	0.1010+0.1452i	0.1620+0.2358i	0.1878+0.2234i
58.1	-0.0642+0.1399i	0.0956-0.1189i	-0.0377+0.0236i	0.0500-0.0011i	0.0981+0.1447i	0.1001+0.1407i	0.1613+0.2275i	0.1854+0.2153i
58.2	-0.0655+0.1372i	0.1028-0.1110i	-0.0320+0.0269i	0.0441+0.0041i	0.0977+0.1375i	0.0986+0.1336i	0.1607+0.2153i	0.1826+0.2050i
58.3	-0.0700+0.1359i	0.1031-0.1101i	-0.0432+0.0266i	0.0455-0.0071i	0.0980+0.1372i	0.0993+0.1345i	0.1621+0.2160i	0.1829+0.2039i
58.4	-0.0705+0.1265i	0.0978-0.0931i	-0.0418+0.0234i	0.0526-0.0041i	0.0980+0.1314i	0.0986+0.1287i	0.1606+0.2051i	0.1860+0.1979i
58.5	-0.0709+0.1232i	0.1131-0.1014i	-0.0373+0.0177i	0.0484-0.0024i	0.0967+0.1312i	0.0968+0.1275i	0.1570+0.2034i	0.1838+0.1962i
58.6	-0.0768+0.1193i	0.1098-0.0994i	-0.0365+0.0290i	0.0476-0.0061i	0.0951+0.1274i	0.0959+0.1244i	0.1512+0.2001i	0.1831+0.1913i
58.7	-0.0810+0.1106i	0.1084-0.0912i	-0.0346+0.0359i	0.0529-0.0084i	0.0935+0.1238i	0.0946+0.1199i	0.1509+0.1935i	0.1793+0.1869i
58.8	-0.0828+0.1055i	0.1179-0.0907i	-0.0333+0.0310i	0.0544-0.0095i	0.0908+0.1235i	0.0924+0.1196i	0.1473+0.1919i	0.1770+0.1864i
58.9	-0.0699+0.1130i	0.1062-0.0956i	-0.0306+0.0308i	0.0512-0.0205i	0.0889+0.1183i	0.0904+0.1150i	0.1425+0.1858i	0.1746+0.1777i
59.0	-0.0708+0.1054i	0.1053-0.0948i	-0.0316+0.0310i	0.0484-0.0176i	0.0912+0.1183i	0.0909+0.1143i	0.1440+0.1859i	0.1764+0.1755i
59.1	-0.0778+0.1001i	0.1033-0.0876i	-0.0363+0.0361i	0.0470-0.0167i	0.0896+0.1181i	0.0900+0.1147i	0.1448+0.1856i	0.1733+0.1740i
59.2	-0.0756+0.1026i	0.1023-0.0834i	-0.0327+0.0391i	0.0455-0.0166i	0.0879+0.1142i	0.0899+0.1107i	0.1440+0.1790i	0.1712+0.1686i
59.3	-0.0711+0.0928i	0.1065-0.0834i	-0.0240+0.0344i	0.0476-0.0175i	0.0884+0.1110i	0.0891+0.1077i	0.1415+0.1737i	0.1716+0.1660i
59.4	-0.0757+0.0892i	0.1068-0.0677i	-0.0156+0.0297i	0.0485-0.0200i	0.0884+0.1089i	0.0884+0.1051i	0.1390+0.1710i	0.1719+0.1603i
59.5	-0.0806+0.0879i	0.1060-0.0685i	-0.0252+0.0327i	0.0482-0.0234i	0.0881+0.1067i	0.0892+0.1019i	0.1384+0.1673i	0.1750+0.1548i
59.6	-0.0735+0.0786i	0.1082-0.0681i	-0.0244+0.0395i	0.0510-0.0190i	0.0884+0.1027i	0.0900+0.0988i	0.1383+0.1618i	0.1745+0.1489i
59.7	-0.0682+0.0759i	0.1061-0.0716i	-0.0335+0.0359i	0.0447-0.0164i	0.0855+0.1003i	0.0862+0.0962i	0.1334+0.1582i	0.1670+0.1455i
59.8	-0.0733+0.0808i	0.1070-0.0671i	-0.0285+0.0427i	0.0449-0.0193i	0.0840+0.1015i	0.0850+0.0964i	0.1320+0.1591i	0.1636+0.1477i
59.9	-0.0273+0.0179i	0.1612-0.1294i	-0.0470-0.0061i	0.0229-0.0406i	0.0802+0.0972i	0.0798+0.0928i	0.1289+0.1538i	0.1565+0.1376i
60.0	0.1109-0.0845i	0.3230-0.2498i	-0.0565-0.1310i	-0.0100-0.0968i	0.0756+0.0842i	0.0734+0.0813i	0.1258+0.1386i	0.1529+0.1098i
60.1	-0.0488+0.0131i	0.1413-0.1059i	-0.0394+0.0054i	0.0267-0.0350i	0.0788+0.0914i	0.0782+0.0890i	0.1256+0.1439i	0.1542+0.1326i
60.2	-0.0727+0.0606i	0.1132-0.0559i	-0.0146+0.0412i	0.0484-0.0195i	0.0817+0.0911i	0.0809+0.0885i	0.1270+0.1443i	0.1577+0.1368i
60.3	-0.0745+0.0550i	0.1070-0.0466i	-0.0200+0.0433i	0.0399-0.0245i	0.0821+0.0890i	0.0823+0.0847i	0.1293+0.1430i	0.1595+0.1263i
60.4	-0.0718+0.0548i	0.1071-0.0438i	-0.0255+0.0392i	0.0315-0.0268i	0.0821+0.0886i	0.0817+0.0842i	0.1279+0.1414i	0.1577+0.1246i
60.5	-0.0799+0.0492i	0.1133-0.0444i	-0.0139+0.0371i	0.0325-0.0334i	0.0789+0.0867i	0.0788+0.0829i	0.1225+0.1390i	0.1548+0.1224i
60.6	-0.0798+0.0452i	0.1198-0.0369i	-0.0103+0.0435i	0.0351-0.0330i	0.0782+0.0841i	0.0774+0.0806i	0.1210+0.1359i	0.1543+0.1208i
60.7	-0.0835+0.0413i	0.1214-0.0360i	-0.0202+0.0460i	0.0402-0.0226i	0.0771+0.0843i	0.0769+0.0816i	0.1206+0.1377i	0.1523+0.1206i
60.8	-0.0880+0.0442i	0.1145-0.0305i	-0.0153+0.0430i	0.0375-0.0234i	0.0757+0.0852i	0.0752+0.0827i	0.1193+0.1383i	0.1497+0.1229i
60.9	-0.0869+0.0393i	0.1185-0.0314i	-0.0082+0.0327i	0.0311-0.0230i	0.0744+0.0827i	0.0749+0.0806i	0.1195+0.1357i	0.1443+0.1169i
61.0	-0.0837+0.0377i	0.1193-0.0424i	-0.0048+0.0360i	0.0354-0.0233i	0.0732+0.0820i	0.0736+0.0791i	0.1196+0.1359i	0.1389+0.1133i
61.1	-0.0868+0.0406i	0.1165-0.0361i	-0.0132+0.0466i	0.0296-0.0222i	0.0729+0.0818i	0.0728+0.0782i	0.1194+0.1330i	0.1365+0.1154i
61.2	-0.0827+0.0262i	0.1189-0.0346i	-0.0159+0.0405i	0.0395-0.0303i	0.0704+0.0796i	0.0699+0.0768i	0.1157+0.1291i	0.1316+0.1143i
61.3	-0.0798+0.0276i	0.1178-0.0343i	-0.0164+0.0363i	0.0403-0.0297i	0.0722+0.0772i	0.0709+0.0740i	0.1174+0.1252i	0.1357+0.1110i
61.4	-0.0873+0.0276i	0.1135-0.0273i	-0.0209+0.0420i	0.0352-0.0260i	0.0737+0.0750i	0.0719+0.0725i	0.1188+0.1222i	0.1368+0.1061i
61.5	-0.0817+0.0181i	0.1089-0.0262i	-0.0153+0.0403i	0.0448-0.0292i	0.0735+0.0741i	0.0721+0.0721i	0.1182+0.1194i	0.1340+0.1057i
61.6	-0.0775+0.0203i	0.1176-0.0227i	-0.0083+0.0359i	0.0433-0.0322i	0.0725+0.0733i	0.0707+0.0710i	0.1173+0.1186i	0.1339+0.1050i
61.7	-0.0776+0.0238i	0.1158-0.0196i	-0.0094+0.0387i	0.0336-0.0303i	0.0717+0.0703i	0.0702+0.0677i	0.1165+0.1142i	0.1331+0.1020i
61.8	-0.0773+0.0178i	0.1140-0.0243i	-0.0072+0.0443i	0.0339-0.0306i	0.0717+0.0683i	0.0709+0.0646i	0.1174+0.1118i	0.1337+0.0987i
61.9	-0.0849+0.0153i	0.1144-0.0240i	-0.0123+0.0450i	0.0264-0.0371i	0.0709+0.0678i	0.0702+0.0650i	0.1141+0.1089i	0.1320+0.0997i
62.0	-0.0930+0.0132i	0.1230-0.0155i	-0.0116+0.0366i	0.0309-0.0359i	0.0690+0.0668i	0.0683+0.0638i	0.1104+0.1092i	0.1269+0.0921i
62.1	-0.0873+0.0140i	0.1327-0.0140i	-0.0159+0.0341i	0.0401-0.0340i	0.0670+0.0677i	0.0663+0.0644i	0.1062+0.1105i	0.1267+0.0919i
62.2	-0.0844-0.0013i	0.1183-0.0039i	-0.0138+0.0322i	0.0400-0.0353i	0.0662+0.0648i	0.0639+0.0605i	0.1053+0.1042i	0.1225+0.0892i
62.3	-0.0944+0.0034i	0.1190-0.0114i	-0.0088+0.0292i	0.0360-0.0411i	0.0660+0.0638i	0.0647+0.0599i	0.1066+0.1042i	0.1236+0.0903i

62.4	-0.0885+0.0064i	0.1169-0.0151i	-0.0109+0.0310i	0.0372-0.0306i	0.0655+0.0615i	0.0648+0.0586i	0.1077+0.1020i	0.1216+0.0864i
62.5	-0.0787-0.0010i	0.1062-0.0072i	-0.0197+0.0360i	0.0381-0.0229i	0.0645+0.0574i	0.0635+0.0545i	0.1059+0.0956i	0.1183+0.0786i
62.6	-0.0844-0.0011i	0.1132-0.0095i	-0.0165+0.0375i	0.0380-0.0292i	0.0654+0.0586i	0.0637+0.0566i	0.1064+0.0978i	0.1211+0.0811i
62.7	-0.0926-0.0050i	0.1134-0.0067i	-0.0023+0.0318i	0.0344-0.0387i	0.0664+0.0574i	0.0632+0.0560i	0.1064+0.0993i	0.1211+0.0787i
62.8	-0.0930-0.0045i	0.1151-0.0042i	-0.0040+0.0362i	0.0295-0.0360i	0.0652+0.0586i	0.0625+0.0547i	0.1055+0.0978i	0.1190+0.0799i
62.9	-0.0923-0.0076i	0.1210-0.0048i	-0.0120+0.0313i	0.0365-0.0308i	0.0637+0.0580i	0.0609+0.0542i	0.1030+0.0995i	0.1166+0.0787i
63.0	-0.0930-0.0083i	0.1204-0.0003i	-0.0024+0.0326i	0.0367-0.0272i	0.0629+0.0563i	0.0604+0.0526i	0.1031+0.0970i	0.1132+0.0752i
63.1	-0.0880-0.0139i	0.1189+0.0049i	-0.0051+0.0281i	0.0385-0.0293i	0.0625+0.0556i	0.0602+0.0533i	0.1027+0.0954i	0.1138+0.0743i
63.2	-0.0887-0.0143i	0.1265+0.0062i	-0.0126+0.0316i	0.0440-0.0355i	0.0622+0.0542i	0.0599+0.0510i	0.1029+0.0912i	0.1095+0.0717i
63.3	-0.0951-0.0127i	0.1150+0.0007i	-0.0164+0.0274i	0.0378-0.0311i	0.0607+0.0543i	0.0575+0.0510i	0.1005+0.0913i	0.1065+0.0741i
63.4	-0.0923-0.0139i	0.1209-0.0004i	-0.0214+0.0248i	0.0364-0.0382i	0.0585+0.0536i	0.0561+0.0508i	0.0977+0.0908i	0.1009+0.0709i
63.5	-0.1036-0.0145i	0.1299+0.0043i	-0.0163+0.0324i	0.0429-0.0396i	0.0591+0.0537i	0.0567+0.0512i	0.0987+0.0902i	0.1032+0.0711i
63.6	-0.1072-0.0168i	0.1170+0.0151i	-0.0195+0.0276i	0.0364-0.0366i	0.0583+0.0531i	0.0558+0.0509i	0.0988+0.0896i	0.1007+0.0740i
63.7	-0.0993-0.0116i	0.1195+0.0086i	-0.0215+0.0201i	0.0389-0.0375i	0.0569+0.0510i	0.0552+0.0484i	0.0997+0.0837i	0.0978+0.0682i
63.8	-0.0984-0.0163i	0.1235+0.0044i	-0.0160+0.0259i	0.0370-0.0381i	0.0549+0.0505i	0.0539+0.0480i	0.0954+0.0831i	0.0960+0.0674i
63.9	-0.0981-0.0201i	0.1213+0.0075i	-0.0230+0.0341i	0.0416-0.0372i	0.0532+0.0514i	0.0525+0.0481i	0.0940+0.0854i	0.0966+0.0718i
64.0	-0.1017-0.0290i	0.1211+0.0187i	-0.0259+0.0400i	0.0466-0.0338i	0.0524+0.0520i	0.0515+0.0488i	0.0954+0.0843i	0.0944+0.0766i
64.1	-0.0927-0.0285i	0.1209+0.0142i	-0.0307+0.0413i	0.0539-0.0264i	0.0523+0.0505i	0.0516+0.0469i	0.0929+0.0812i	0.0902+0.0730i
64.2	-0.0959-0.0279i	0.1157+0.0108i	-0.0258+0.0466i	0.0513-0.0380i	0.0520+0.0496i	0.0503+0.0467i	0.0946+0.0785i	0.0896+0.0729i
64.3	-0.1003-0.0259i	0.1173+0.0133i	-0.0266+0.0420i	0.0558-0.0403i	0.0511+0.0463i	0.0490+0.0441i	0.0927+0.0727i	0.0882+0.0695i
64.4	-0.1084-0.0265i	0.1223+0.0080i	-0.0275+0.0348i	0.0615-0.0370i	0.0489+0.0456i	0.0468+0.0435i	0.0885+0.0701i	0.0841+0.0714i
64.5	-0.1037-0.0312i	0.1237+0.0102i	-0.0223+0.0409i	0.0551-0.0442i	0.0523+0.0458i	0.0502+0.0433i	0.0901+0.0704i	0.0905+0.0723i
64.6	-0.0961-0.0271i	0.1210+0.0138i	-0.0163+0.0466i	0.0451-0.0506i	0.0519+0.0437i	0.0501+0.0416i	0.0896+0.0671i	0.0891+0.0697i
64.7	-0.0939-0.0220i	0.1196+0.0131i	-0.0261+0.0505i	0.0442-0.0450i	0.0511+0.0430i	0.0477+0.0411i	0.0882+0.0641i	0.0858+0.0687i
64.8	-0.1024-0.0221i	0.1159+0.0163i	-0.0285+0.0429i	0.0416-0.0416i	0.0514+0.0419i	0.0483+0.0397i	0.0880+0.0631i	0.0864+0.0654i
64.9	-0.0955-0.0221i	0.1154+0.0242i	-0.0357+0.0394i	0.0536-0.0503i	0.0497+0.0428i	0.0480+0.0408i	0.0889+0.0637i	0.0839+0.0684i
65.0	-0.0899-0.0325i	0.1194+0.0159i	-0.0360+0.0475i	0.0540-0.0647i	0.0497+0.0419i	0.0471+0.0401i	0.0879+0.0624i	0.0886+0.0683i
65.1	-0.0996-0.0351i	0.1191+0.0138i	-0.0346+0.0419i	0.0455-0.0572i	0.0474+0.0407i	0.0449+0.0372i	0.0833+0.0625i	0.0833+0.0607i
65.2	-0.0970-0.0372i	0.1154+0.0096i	-0.0286+0.0471i	0.0405-0.0524i	0.0467+0.0406i	0.0446+0.0373i	0.0840+0.0609i	0.0824+0.0603i
65.3	-0.1010-0.0345i	0.1125+0.0141i	-0.0297+0.0488i	0.0465-0.0598i	0.0458+0.0397i	0.0433+0.0384i	0.0799+0.0582i	0.0839+0.0660i
65.4	-0.0974-0.0369i	0.1165+0.0124i	-0.0325+0.0456i	0.0443-0.0535i	0.0453+0.0372i	0.0427+0.0368i	0.0780+0.0561i	0.0811+0.0643i
65.5	-0.0982-0.0391i	0.1243+0.0194i	-0.0288+0.0446i	0.0481-0.0595i	0.0449+0.0375i	0.0423+0.0365i	0.0767+0.0560i	0.0813+0.0617i
65.6	-0.1025-0.0362i	0.1213+0.0223i	-0.0250+0.0514i	0.0507-0.0629i	0.0452+0.0386i	0.0428+0.0360i	0.0774+0.0554i	0.0828+0.0640i
65.7	-0.1048-0.0368i	0.1156+0.0286i	-0.0336+0.0530i	0.0458-0.0552i	0.0437+0.0375i	0.0420+0.0350i	0.0767+0.0552i	0.0766+0.0601i
65.8	-0.0989-0.0462i	0.1143+0.0243i	-0.0354+0.0518i	0.0553-0.0579i	0.0420+0.0358i	0.0400+0.0339i	0.0752+0.0528i	0.0731+0.0616i
65.9	-0.0956-0.0422i	0.1098+0.0192i	-0.0295+0.0526i	0.0616-0.0648i	0.0401+0.0347i	0.0389+0.0328i	0.0736+0.0519i	0.0686+0.0572i
66.0	-0.1054-0.0407i	0.1091+0.0224i	-0.0323+0.0571i	0.0417-0.0665i	0.0408+0.0356i	0.0384+0.0344i	0.0718+0.0513i	0.0699+0.0589i
66.1	-0.1036-0.0368i	0.1140+0.0194i	-0.0271+0.0548i	0.0317-0.0592i	0.0419+0.0358i	0.0391+0.0334i	0.0749+0.0509i	0.0728+0.0593i
66.2	-0.1003-0.0398i	0.1151+0.0266i	-0.0247+0.0505i	0.0411-0.0642i	0.0418+0.0345i	0.0383+0.0329i	0.0708+0.0487i	0.0732+0.0626i
66.3	-0.0951-0.0414i	0.1128+0.0309i	-0.0271+0.0490i	0.0469-0.0739i	0.0391+0.0336i	0.0364+0.0323i	0.0692+0.0463i	0.0675+0.0626i
66.4	-0.0903-0.0461i	0.1004+0.0238i	-0.0241+0.0576i	0.0490-0.0790i	0.0371+0.0329i	0.0351+0.0307i	0.0655+0.0460i	0.0652+0.0555i
66.5	-0.0988-0.0518i	0.1038+0.0181i	-0.0314+0.0607i	0.0478-0.0658i	0.0396+0.0330i	0.0358+0.0317i	0.0672+0.0464i	0.0689+0.0563i
66.6	-0.0989-0.0480i	0.1054+0.0238i	-0.0303+0.0595i	0.0459-0.0723i	0.0389+0.0327i	0.0357+0.0320i	0.0666+0.0458i	0.0654+0.0576i
66.7	-0.0987-0.0487i	0.1071+0.0287i	-0.0377+0.0516i	0.0408-0.0696i	0.0375+0.0314i	0.0351+0.0320i	0.0649+0.0457i	0.0667+0.0550i
66.8	-0.0988-0.0430i	0.1060+0.0235i	-0.0330+0.0533i	0.0397-0.0695i	0.0368+0.0310i	0.0338+0.0310i	0.0639+0.0454i	0.0649+0.0540i
66.9	-0.0930-0.0426i	0.1015+0.0278i	-0.0266+0.0591i	0.0392-0.0641i	0.0364+0.0312i	0.0324+0.0292i	0.0635+0.0437i	0.0642+0.0549i
67.0	-0.0923-0.0478i	0.1044+0.0316i	-0.0311+0.0563i	0.0426-0.0670i	0.0367+0.0290i	0.0341+0.0281i	0.0648+0.0406i	0.0634+0.0533i
67.1	-0.0930-0.0509i	0.1061+0.0307i	-0.0211+0.0589i	0.0391-0.0758i	0.0363+0.0295i	0.0320+0.0291i	0.0628+0.0402i	0.0617+0.0573i
67.2	-0.0910-0.0612i	0.1136+0.0321i	-0.0137+0.0577i	0.0389-0.0788i	0.0366+0.0297i	0.0312+0.0296i	0.0607+0.0383i	0.0665+0.0574i
67.3	-0.0936-0.0548i	0.1105+0.0334i	-0.0181+0.0598i	0.0391-0.0694i	0.0355+0.0296i	0.0313+0.0293i	0.0570+0.0385i	0.0675+0.0563i
67.4	-0.0950-0.0527i	0.1044+0.0337i	-0.0209+0.0662i	0.0431-0.0759i	0.0338+0.0301i	0.0305+0.0291i	0.0567+0.0403i	0.0618+0.0540i
67.5	-0.0969-0.0572i	0.1033+0.0322i	-0.0240+0.0627i	0.0342-0.0815i	0.0332+0.0291i	0.0295+0.0279i	0.0568+0.0392i	0.0635+0.0520i
67.6	-0.0975-0.0515i	0.0995+0.0355i	-0.0229+0.0589i	0.0384-0.0769i	0.0325+0.0284i	0.0290+0.0267i	0.0546+0.0388i	0.0629+0.0533i
67.7	-0.0912-0.0560i	0.1040+0.0387i	-0.0259+0.0640i	0.0468-0.0795i	0.0311+0.0280i	0.0284+0.0274i	0.0535+0.0383i	0.0583+0.0549i
67.8	-0.0878-0.0554i	0.0972+0.0378i	-0.0357+0.0552i	0.0443-0.0812i	0.0309+0.0266i	0.0292+0.0257i	0.0539+0.0352i	0.0563+0.0517i
67.9	-0.0892-0.0601i	0.0971+0.0387i	-0.0342+0.0502i	0.0387-0.0823i	0.0311+0.0258i	0.0279+0.0251i	0.0524+0.0326i	0.0567+0.0495i
68.0	-0.0940-0.0591i	0.1035+0.0446i	-0.0268+0.0617i	0.0452-0.0816i	0.0312+0.0270i	0.0262+0.0258i	0.0504+0.0340i	0.0569+0.0496i
68.1	-0.0924-0.0594i	0.0999+0.0388i	-0.0231+0.0677i	0.0422-0.0773i	0.0300+0.0263i	0.0255+0.0251i	0.0485+0.0337i	0.0561+0.0500i
68.2	-0.0842-0.0610i	0.0943+0.0433i	-0.0206+0.0621i	0.0298-0.0747i	0.0286+0.0253i	0.0256+0.0262i	0.0492+0.0335i	0.0530+0.0514i
68.3	-0.0856-0.0687i	0.0944+0.0415i	-0.0131+0.0574i	0.0333-0.0777i	0.0269+0.0244i	0.0252+0.0256i	0.0502+0.0311i	0.0478+0.0516i
68.4	-0.0862-0.0682i	0.0851+0.0393i	-0.0269+0.0549i	0.0411-0.0774i	0.0261+0.0238i	0.0240+0.0243i	0.0467+0.0292i	0.0446+0.0546i
68.5	-0.0860-0.0559i	0.0900+0.0431i	-0.0343+0.0629i	0.0320-0.0738i	0.0255+0.0253i	0.0236+0.0253i	0.0435+0.0286i	0.0476+0.0575i
68.6	-0.0797-0.0614i	0.0925+0.0375i	-0.0210+0.0635i	0.0353-0.0855i	0.0249+0.0256i	0.0229+0.0256i	0.0409+0.0302i	0.0505+0.0570i

68.7	-0.0770-0.0639i	0.0915+0.0389i	-0.0205+0.0629i	0.0409-0.0830i	0.0241+0.0238i	0.0225+0.0236i	0.0398+0.0303i	0.0521+0.0531i
68.8	-0.0759-0.0631i	0.0891+0.0455i	-0.0201+0.0588i	0.0361-0.0874i	0.0239+0.0229i	0.0220+0.0244i	0.0398+0.0298i	0.0489+0.0537i
68.9	-0.0833-0.0566i	0.0910+0.0499i	-0.0221+0.0543i	0.0334-0.0838i	0.0244+0.0227i	0.0225+0.0230i	0.0389+0.0268i	0.0486+0.0490i
69.0	-0.0876-0.0562i	0.0933+0.0427i	-0.0339+0.0581i	0.0328-0.0732i	0.0242+0.0230i	0.0222+0.0226i	0.0418+0.0241i	0.0487+0.0486i
69.1	-0.0844-0.0714i	0.0809+0.0410i	-0.0143+0.0658i	0.0324-0.0781i	0.0227+0.0236i	0.0210+0.0231i	0.0431+0.0278i	0.0455+0.0517i
69.2	-0.0861-0.0847i	0.0732+0.0480i	-0.0078+0.0612i	0.0303-0.0912i	0.0214+0.0257i	0.0195+0.0231i	0.0386+0.0259i	0.0444+0.0605i
69.3	-0.0865-0.0725i	0.0815+0.0502i	-0.0194+0.0596i	0.0261-0.0813i	0.0221+0.0236i	0.0201+0.0234i	0.0365+0.0272i	0.0420+0.0560i
69.4	-0.0756-0.0665i	0.0872+0.0544i	-0.0169+0.0629i	0.0370-0.0752i	0.0217+0.0216i	0.0197+0.0226i	0.0346+0.0266i	0.0432+0.0525i
69.5	-0.0837-0.0773i	0.0823+0.0518i	-0.0238+0.0652i	0.0351-0.0780i	0.0208+0.0229i	0.0188+0.0224i	0.0337+0.0229i	0.0406+0.0574i
69.6	-0.0758-0.0811i	0.0808+0.0595i	-0.0180+0.0657i	0.0344-0.0885i	0.0206+0.0235i	0.0172+0.0225i	0.0327+0.0250i	0.0376+0.0551i
69.7	-0.0748-0.0818i	0.0835+0.0627i	-0.0208+0.0660i	0.0407-0.0941i	0.0207+0.0237i	0.0170+0.0221i	0.0333+0.0270i	0.0389+0.0528i
69.8	-0.0859-0.0799i	0.0823+0.0584i	-0.0218+0.0653i	0.0358-0.0892i	0.0212+0.0242i	0.0182+0.0230i	0.0334+0.0256i	0.0411+0.0542i
69.9	-0.0845-0.0711i	0.0854+0.0576i	-0.0205+0.0542i	0.0391-0.0775i	0.0186+0.0224i	0.0186+0.0220i	0.0317+0.0235i	0.0396+0.0507i
70.0	-0.0683-0.0823i	0.0825+0.0625i	-0.0316+0.0677i	0.0475-0.0861i	0.0169+0.0222i	0.0176+0.0214i	0.0296+0.0222i	0.0350+0.0507i
70.1	-0.0766-0.0880i	0.0684+0.0652i	-0.0300+0.0682i	0.0390-0.0872i	0.0169+0.0226i	0.0162+0.0230i	0.0279+0.0215i	0.0341+0.0549i
70.2	-0.0810-0.0951i	0.0712+0.0626i	-0.0191+0.0682i	0.0312-0.0878i	0.0172+0.0244i	0.0164+0.0238i	0.0289+0.0250i	0.0372+0.0577i
70.3	-0.0727-0.0940i	0.0742+0.0667i	-0.0259+0.0651i	0.0259-0.0905i	0.0168+0.0253i	0.0147+0.0229i	0.0344+0.0269i	0.0328+0.0584i
70.4	-0.0665-0.0901i	0.0659+0.0674i	-0.0351+0.0748i	0.0437-0.0834i	0.0173+0.0237i	0.0143+0.0219i	0.0285+0.0260i	0.0376+0.0543i
70.5	-0.0680-0.0879i	0.0724+0.0643i	-0.0289+0.0762i	0.0472-0.0819i	0.0160+0.0243i	0.0155+0.0219i	0.0296+0.0222i	0.0347+0.0572i
70.6	-0.0733-0.0969i	0.0732+0.0710i	-0.0186+0.0723i	0.0375-0.0936i	0.0161+0.0239i	0.0147+0.0229i	0.0328+0.0240i	0.0302+0.0554i
70.7	-0.0714-0.0934i	0.0701+0.0706i	-0.0234+0.0791i	0.0431-0.0996i	0.0172+0.0236i	0.0143+0.0227i	0.0297+0.0251i	0.0328+0.0525i
70.8	-0.0751-0.0979i	0.0699+0.0664i	-0.0222+0.0818i	0.0441-0.0973i	0.0174+0.0256i	0.0136+0.0227i	0.0288+0.0243i	0.0375+0.0572i
70.9	-0.0747-0.1040i	0.0774+0.0624i	-0.0191+0.0808i	0.0411-0.0993i	0.0181+0.0250i	0.0135+0.0234i	0.0299+0.0244i	0.0359+0.0543i
71.0	-0.0699-0.1078i	0.0729+0.0662i	-0.0213+0.0853i	0.0438-0.1046i	0.0164+0.0251i	0.0116+0.0234i	0.0292+0.0238i	0.0315+0.0586i
71.1	-0.0821-0.1058i	0.0791+0.0798i	-0.0148+0.0812i	0.0457-0.0978i	0.0162+0.0258i	0.0114+0.0231i	0.0276+0.0210i	0.0313+0.0650i
71.2	-0.0820-0.1065i	0.0740+0.0742i	-0.0226+0.0893i	0.0411-0.1052i	0.0154+0.0254i	0.0130+0.0234i	0.0279+0.0173i	0.0298+0.0675i
71.3	-0.0847-0.1089i	0.0773+0.0696i	-0.0168+0.0964i	0.0387-0.1096i	0.0165+0.0238i	0.0132+0.0223i	0.0284+0.0134i	0.0281+0.0653i
71.4	-0.0647-0.1076i	0.0690+0.0649i	-0.0206+0.0867i	0.0393-0.1013i	0.0155+0.0226i	0.0118+0.0205i	0.0286+0.0118i	0.0223+0.0626i
71.5	-0.0768-0.1029i	0.0611+0.0763i	-0.0290+0.0835i	0.0451-0.1059i	0.0144+0.0238i	0.0112+0.0223i	0.0301+0.0074i	0.0215+0.0689i
71.6	-0.0609-0.1018i	0.0609+0.0750i	-0.0200+0.0899i	0.0402-0.1075i	0.0148+0.0241i	0.0112+0.0206i	0.0259+0.0022i	0.0251+0.0708i
71.7	-0.0597-0.0988i	0.0571+0.0698i	-0.0195+0.0936i	0.0485-0.1055i	0.0159+0.0222i	0.0109+0.0192i	0.0294+0.0007i	0.0225+0.0716i
71.8	-0.0576-0.0978i	0.0533+0.0810i	-0.0230+0.0966i	0.0433-0.1069i	0.0152+0.0222i	0.0111+0.0200i	0.0288-0.0045i	0.0224+0.0775i
71.9	-0.0573-0.1022i	0.0603+0.0797i	-0.0170+0.0933i	0.0462-0.1099i	0.0151+0.0216i	0.0114+0.0197i	0.0243-0.0049i	0.0246+0.0767i
72.0	-0.0587-0.1028i	0.0718+0.0732i	-0.0159+0.0896i	0.0468-0.1254i	0.0148+0.0198i	0.0100+0.0193i	0.0246-0.0119i	0.0223+0.0750i
72.1	-0.0679-0.1030i	0.0669+0.0851i	-0.0296+0.0899i	0.0539-0.1300i	0.0138+0.0198i	0.0097+0.0208i	0.0250-0.0119i	0.0213+0.0793i
72.2	-0.0650-0.1054i	0.0593+0.0743i	-0.0171+0.0857i	0.0465-0.1168i	0.0147+0.0192i	0.0104+0.0190i	0.0217-0.0131i	0.0253+0.0804i
72.3	-0.0567-0.0996i	0.0599+0.0665i	-0.0023+0.0873i	0.0314-0.1146i	0.0156+0.0187i	0.0100+0.0184i	0.0172-0.0160i	0.0289+0.0809i
72.4	-0.0574-0.0905i	0.0607+0.0663i	-0.0032+0.0870i	0.0341-0.1201i	0.0162+0.0185i	0.0099+0.0185i	0.0119-0.0208i	0.0347+0.0850i
72.5	-0.0486-0.1034i	0.0621+0.0653i	-0.0135+0.0920i	0.0446-0.1230i	0.0154+0.0171i	0.0092+0.0178i	0.0082-0.0228i	0.0353+0.0868i
72.6	-0.0363-0.1044i	0.0439+0.0709i	-0.0251+0.1045i	0.0446-0.1287i	0.0131+0.0167i	0.0093+0.0164i	0.0063-0.0280i	0.0305+0.0892i
72.7	-0.0481-0.0952i	0.0345+0.0823i	-0.0234+0.1078i	0.0392-0.1240i	0.0131+0.0174i	0.0090+0.0153i	0.0006-0.0308i	0.0360+0.0920i
72.8	-0.0384-0.1040i	0.0313+0.0704i	-0.0251+0.1023i	0.0488-0.1253i	0.0129+0.0170i	0.0096+0.0157i	0.0001-0.0325i	0.0385+0.0906i
72.9	-0.0330-0.1086i	0.0345+0.0750i	-0.0291+0.1006i	0.0519-0.1229i	0.0120+0.0167i	0.0080+0.0167i	-0.0068-0.0338i	0.0397+0.0935i
73.0	-0.0262-0.1071i	0.0304+0.0721i	-0.0288+0.1037i	0.0534-0.1273i	0.0111+0.0168i	0.0069+0.0167i	-0.0126-0.0347i	0.0445+0.0948i
73.1	-0.0122-0.1137i	0.0236+0.0737i	-0.0263+0.1035i	0.0561-0.1282i	0.0097+0.0153i	0.0061+0.0155i	-0.0151-0.0367i	0.0456+0.0939i
73.2	-0.0234-0.1156i	0.0320+0.0814i	-0.0296+0.1087i	0.0592-0.1270i	0.0123+0.0160i	0.0058+0.0161i	-0.0165-0.0330i	0.0461+0.0921i
73.3	-0.0288-0.1143i	0.0230+0.0892i	-0.0262+0.1184i	0.0581-0.1419i	0.0109+0.0156i	0.0053+0.0167i	-0.0233-0.0380i	0.0519+0.0975i
73.4	-0.0261-0.1208i	0.0178+0.0859i	-0.0155+0.1185i	0.0422-0.1431i	0.0110+0.0145i	0.0068+0.0164i	-0.0305-0.0336i	0.0598+0.0944i
73.5	-0.0141-0.1306i	0.0175+0.0861i	-0.0068+0.1281i	0.0496-0.1523i	0.0106+0.0129i	0.0061+0.0163i	-0.0330-0.0331i	0.0634+0.0895i
73.6	-0.0052-0.1298i	0.0007+0.0942i	-0.0214+0.1194i	0.0614-0.1592i	0.0101+0.0149i	0.0066+0.0167i	-0.0350-0.0342i	0.0649+0.0942i
73.7	0.0075-0.1347i	0.0003+0.1051i	-0.0222+0.1224i	0.0589-0.1762i	0.0095+0.0165i	0.0048+0.0161i	-0.0446-0.0326i	0.0674+0.0957i
73.8	0.0105-0.1391i	0.0065+0.1048i	-0.0030+0.1384i	0.0535-0.1802i	0.0098+0.0141i	0.0049+0.0152i	-0.0476-0.0292i	0.0678+0.0895i
73.9	0.0049-0.1368i	0.0037+0.1069i	-0.0013+0.1241i	0.0521-0.1753i	0.0095+0.0123i	0.0046+0.0154i	-0.0518-0.0274i	0.0719+0.0871i
74.0	0.0092-0.1347i	-0.0036+0.0995i	-0.0188+0.1312i	0.0560-0.1800i	0.0097+0.0129i	0.0034+0.0134i	-0.0548-0.0345i	0.0724+0.0908i
74.1	0.0087-0.1485i	-0.0113+0.1028i	-0.0171+0.1341i	0.0705-0.1755i	0.0097+0.0132i	0.0029+0.0131i	-0.0586-0.0313i	0.0746+0.0878i
74.2	0.0094-0.1473i	-0.0147+0.1071i	-0.0129+0.1369i	0.0541-0.1743i	0.0080+0.0128i	0.0031+0.0134i	-0.0582-0.0251i	0.0780+0.0812i
74.3	0.0117-0.1564i	-0.0196+0.1147i	-0.0045+0.1475i	0.0482-0.1829i	0.0077+0.0128i	0.0041+0.0150i	-0.0650-0.0206i	0.0835+0.0774i
74.4	0.0176-0.1570i	-0.0236+0.1189i	0.0093+0.1499i	0.0485-0.1836i	0.0082+0.0115i	0.0036+0.0143i	-0.0707-0.0193i	0.0866+0.0758i
74.5	0.0259-0.1634i	-0.0284+0.1290i	0.0080+0.1520i	0.0634-0.1982i	0.0086+0.0121i	0.0021+0.0140i	-0.0739-0.0215i	0.0874+0.0778i
74.6	0.0333-0.1833i	-0.0305+0.1299i	0.0065+0.1572i	0.0592-0.2079i	0.0087+0.0135i	0.0006+0.0138i	-0.0810-0.0221i	0.0878+0.0761i
74.7	0.0401-0.1952i	-0.0438+0.1184i	0.0050+0.1656i	0.0466-0.2333i	0.0080+0.0121i	0.0018+0.0127i	-0.0843-0.0215i	0.0892+0.0750i
74.8	0.0426-0.1960i	-0.0392+0.1339i	0.0172+0.1653i	0.0418-0.2331i	0.0071+0.0105i	0.0036+0.0139i	-0.0868-0.0155i	0.0957+0.0724i
74.9	0.0441-0.1959i	-0.0370+0.1549i	0.0324+0.1619i	0.0407-0.2229i	0.0077+0.0100i	0.0025+0.0145i	-0.0868-0.0042i	0.0993+0.0609i

75.0	0.0576-0.2079i	-0.0409+0.1569i	0.0343+0.1776i	0.0436-0.2236i	0.0080+0.0116i	0.0014+0.0140i	-0.0875-0.0035i	0.1011+0.0613i
75.1	0.0537-0.2205i	-0.0425+0.1530i	0.0424+0.1862i	0.0411-0.2347i	0.0083+0.0102i	0.0021+0.0131i	-0.0903-0.0088i	0.1036+0.0641i
75.2	0.0606-0.2402i	-0.0545+0.1455i	0.0461+0.1729i	0.0318-0.2423i	0.0078+0.0077i	0.0021+0.0104i	-0.0890-0.0091i	0.1042+0.0597i
75.3	0.0698-0.2372i	-0.0650+0.1623i	0.0525+0.1800i	0.0183-0.2546i	0.0071+0.0072i	0.0022+0.0118i	-0.0951-0.0029i	0.1066+0.0519i
75.4	0.0585-0.2568i	-0.0710+0.1672i	0.0547+0.1883i	0.0007-0.2779i	0.0100+0.0073i	0.0034+0.0117i	-0.0987+0.0012i	0.1091+0.0491i
75.5	0.0595-0.2716i	-0.0671+0.1853i	0.0753+0.2047i	-0.0044-0.2848i	0.0103+0.0073i	0.0032+0.0105i	-0.0997+0.0056i	0.1094+0.0454i
75.6	0.0717-0.2810i	-0.0731+0.1814i	0.0832+0.1869i	-0.0003-0.2947i	0.0081+0.0066i	0.0025+0.0095i	-0.1049+0.0076i	0.1114+0.0428i
75.7	0.0737-0.3029i	-0.0647+0.2007i	0.1008+0.1753i	0.0044-0.2867i	0.0079+0.0064i	0.0040+0.0082i	-0.1067+0.0162i	0.1165+0.0349i
75.8	0.0673-0.3170i	-0.0740+0.2053i	0.1016+0.1930i	-0.0045-0.3033i	0.0103+0.0043i	0.0033+0.0082i	-0.1135+0.0142i	0.1230+0.0331i
75.9	0.0567-0.3343i	-0.0813+0.2235i	0.1090+0.1840i	-0.0316-0.3260i	0.0095+0.0017i	0.0017+0.0079i	-0.1191+0.0168i	0.1236+0.0237i
76.0	0.0381-0.3350i	-0.0755+0.2323i	0.1182+0.1736i	-0.0607-0.3114i	0.0086+0.0017i	0.0011+0.0071i	-0.1169+0.0247i	0.1241+0.0172i
76.1	0.0613-0.3474i	-0.0718+0.2360i	0.1078+0.1594i	-0.0489-0.2890i	0.0089-0.0011i	0.0008+0.0040i	-0.1162+0.0245i	0.1236+0.0114i
76.2	0.0699-0.3747i	-0.0771+0.2617i	0.1309+0.1479i	-0.0513-0.3173i	0.0079-0.0029i	0.0010+0.0037i	-0.1204+0.0309i	0.1237-0.0015i
76.3	0.0355-0.3979i	-0.0769+0.2536i	0.1472+0.1355i	-0.0764-0.3278i	0.0070-0.0062i	0.0020+0.0021i	-0.1225+0.0338i	0.1243-0.0132i
76.4	0.0292-0.4037i	-0.0777+0.2552i	0.1394+0.1610i	-0.0865-0.3399i	0.0075-0.0072i	0.0013+0.0010i	-0.1267+0.0333i	0.1254-0.0096i
76.5	0.0233-0.4137i	-0.0609+0.2688i	0.1288+0.1463i	-0.1032-0.3345i	0.0061-0.0079i	0.0019+0.0001i	-0.1218+0.0374i	0.1225-0.0132i
76.6	0.0241-0.4384i	-0.0766+0.2787i	0.1256+0.1475i	-0.0853-0.3217i	0.0043-0.0093i	0.0013-0.0022i	-0.1205+0.0399i	0.1188-0.0185i
76.7	0.0137-0.4374i	-0.0708+0.3008i	0.1535+0.1402i	-0.1081-0.3223i	0.0039-0.0127i	-0.0001-0.0046i	-0.1225+0.0418i	0.1180-0.0281i
76.8	-0.0145-0.4540i	-0.0789+0.3228i	0.1575+0.1373i	-0.1529-0.3471i	0.0013-0.0149i	-0.0020-0.0066i	-0.1267+0.0459i	0.1154-0.0406i
76.9	-0.0383-0.4715i	-0.0703+0.3337i	0.1529+0.1343i	-0.1778-0.3495i	-0.0015-0.0159i	-0.0047-0.0076i	-0.1289+0.0497i	0.1133-0.0424i
77.0	-0.0423-0.4720i	-0.0738+0.3438i	0.1533+0.1395i	-0.1882-0.3374i	-0.0021-0.0183i	-0.0063-0.0092i	-0.1333+0.0520i	0.1129-0.0469i
77.1	-0.0453-0.4657i	-0.0674+0.3499i	0.1522+0.1442i	-0.1909-0.3310i	-0.0020-0.0216i	-0.0070-0.0130i	-0.1339+0.0515i	0.1056-0.0591i
77.2	-0.0618-0.4598i	-0.0588+0.3576i	0.1481+0.1417i	-0.1893-0.3331i	-0.0039-0.0228i	-0.0072-0.0128i	-0.1310+0.0538i	0.1035-0.0642i
77.3	-0.1063-0.4926i	-0.0498+0.3762i	0.1622+0.1350i	-0.2318-0.3482i	-0.0111-0.0260i	-0.0121-0.0151i	-0.1359+0.0659i	0.1000-0.0823i
77.4	-0.1166-0.5008i	-0.0572+0.3884i	0.1486+0.1373i	-0.2545-0.3302i	-0.0138-0.0269i	-0.0139-0.0157i	-0.1401+0.0665i	0.0890-0.0797i
77.5	-0.1275-0.4898i	-0.0450+0.3923i	0.1693+0.1244i	-0.2775-0.3052i	-0.0161-0.0266i	-0.0159-0.0176i	-0.1394+0.0678i	0.0816-0.0877i
77.6	-0.1516-0.4755i	-0.0365+0.4027i	0.1928+0.1336i	-0.2955-0.2895i	-0.0184-0.0269i	-0.0185-0.0179i	-0.1438+0.0717i	0.0770-0.0898i
77.7	-0.1705-0.4837i	-0.0269+0.4177i	0.1903+0.1094i	-0.3132-0.2738i	-0.0230-0.0288i	-0.0191-0.0191i	-0.1396+0.0758i	0.0675-0.0960i
77.8	-0.1705-0.4944i	-0.0048+0.4127i	0.1997+0.1012i	-0.3221-0.2683i	-0.0256-0.0294i	-0.0228-0.0205i	-0.1417+0.0782i	0.0585-0.0974i
77.9	-0.1874-0.4791i	0.0216+0.4190i	0.2073+0.0997i	-0.3432-0.2434i	-0.0291-0.0308i	-0.0275-0.0206i	-0.1428+0.0849i	0.0512-0.1058i
78.0	-0.2030-0.4841i	0.0180+0.4337i	0.2155+0.0950i	-0.3549-0.2423i	-0.0347-0.0316i	-0.0321-0.0218i	-0.1486+0.0872i	0.0464-0.1085i
78.1	-0.2042-0.4912i	0.0298+0.4336i	0.2206+0.0949i	-0.3566-0.2494i	-0.0408-0.0301i	-0.0382-0.0220i	-0.1566+0.0882i	0.0336-0.1133i
78.2	-0.2239-0.4778i	0.0315+0.4525i	0.2254+0.0903i	-0.3814-0.2490i	-0.0456-0.0307i	-0.0414-0.0224i	-0.1630+0.0940i	0.0271-0.1184i
78.3	-0.2315-0.4710i	0.0400+0.4741i	0.2318+0.0734i	-0.3964-0.1929i	-0.0517-0.0291i	-0.0458-0.0210i	-0.1635+0.1032i	0.0130-0.1214i
78.4	-0.2507-0.4656i	0.0541+0.4587i	0.2370+0.0647i	-0.3819-0.1569i	-0.0563-0.0288i	-0.0496-0.0209i	-0.1620+0.1018i	-0.0019-0.1205i
78.5	-0.2470-0.4645i	0.0606+0.4530i	0.2230+0.0597i	-0.3992-0.1346i	-0.0606-0.0242i	-0.0543-0.0172i	-0.1625+0.1066i	-0.0119-0.1156i
78.6	-0.2731-0.4252i	0.0568+0.4489i	0.2042+0.0454i	-0.4315-0.0988i	-0.0649-0.0188i	-0.0592-0.0125i	-0.1581+0.1239i	-0.0231-0.1103i
78.7	-0.2728-0.3866i	0.0487+0.4474i	0.2272+0.0286i	-0.4260-0.0721i	-0.0648-0.0159i	-0.0574-0.0097i	-0.1506+0.1348i	-0.0307-0.1114i
78.8	-0.2386-0.3566i	0.0482+0.4574i	0.2380+0.0246i	-0.3893-0.0163i	-0.0630-0.0121i	-0.0564-0.0096i	-0.1398+0.1305i	-0.0369-0.1034i
78.9	-0.1576-0.3418i	0.0364+0.4676i	0.2236+0.0255i	-0.3349+0.0153i	-0.0595-0.0126i	-0.0545-0.0127i	-0.1335+0.1165i	-0.0397-0.0951i
79.0	-0.0840-0.3929i	0.0364+0.4903i	0.2385+0.0340i	-0.2765-0.0153i	-0.0599-0.0186i	-0.0586-0.0208i	-0.1481+0.0977i	-0.0373-0.0964i
79.1	-0.1157-0.5074i	0.0881+0.5293i	0.2534+0.0182i	-0.2563-0.0751i	-0.0716-0.0208i	-0.0723-0.0205i	-0.1786+0.1074i	-0.0451-0.0985i
79.2	-0.2158-0.5493i	0.1224+0.5441i	0.2656+0.0040i	-0.3145-0.0924i	-0.0850-0.0130i	-0.0846-0.0067i	-0.2010+0.1494i	-0.0560-0.1018i
79.3	-0.2254-0.5396i	0.1119+0.5305i	0.2643-0.0147i	-0.3514-0.0769i	-0.0877-0.0074i	-0.0857-0.0006i	-0.1965+0.1678i	-0.0651-0.1016i
79.4	-0.2298-0.5079i	0.1039+0.5311i	0.2406-0.0301i	-0.3475-0.0580i	-0.0843-0.0001i	-0.0819+0.0050i	-0.1865+0.1801i	-0.0651-0.0993i
79.5	-0.2333-0.4944i	0.1092+0.5332i	0.2352-0.0331i	-0.3426-0.0314i	-0.0812+0.0049i	-0.0793+0.0103i	-0.1684+0.1943i	-0.0715-0.0965i
79.6	-0.2218-0.5069i	0.1244+0.5291i	0.2423-0.0603i	-0.3354+0.0015i	-0.0825+0.0092i	-0.0776+0.0143i	-0.1566+0.2107i	-0.0828-0.0904i
79.7	-0.2407-0.4878i	0.1444+0.5404i	0.2277-0.0463i	-0.3255+0.0140i	-0.0789+0.0127i	-0.0741+0.0184i	-0.1468+0.2140i	-0.0807-0.0833i
79.8	-0.2519-0.5090i	0.1511+0.5568i	0.2225-0.0385i	-0.3138+0.0252i	-0.0799+0.0171i	-0.0753+0.0217i	-0.1397+0.2222i	-0.0879-0.0805i
79.9	-0.2409-0.5120i	0.1549+0.5842i	0.2328-0.0527i	-0.3299+0.0549i	-0.0831+0.0189i	-0.0783+0.0212i	-0.1266+0.2309i	-0.1104-0.0844i
80.0	-0.2597-0.5167i	0.1764+0.5950i	0.2241-0.0659i	-0.3129+0.0564i	-0.0823+0.0205i	-0.0772+0.0234i	-0.1126+0.2307i	-0.1155-0.0786i

1.1.38 Run 11 – IP000NVP – SF and shaft bending gauges

In-plane shaking at 0° with no vertical shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1 (lb/lb)	SF000B1 (lb/lb)	SF270B1 (lb/lb)	SF090B1 (lb/lb)	MRSBM (in-lb/lb)	MRSBMB (in-lb/lb)	MRSEBL (in-lb/lb)	MRSEBLB (in-lb/lb)
0.0	0.0734+0.0000i	-0.0514+0.0000i	-0.0106+0.0000i	-0.0094+0.0000i	52.2988+0.0000i	36.8576+0.0000i	19.6400+0.0000i	-32.5773+0.0000i
0.1	0.0724+0.0042i	-0.0500-0.0008i	-0.0138+0.0024i	-0.0098+0.0012i	51.4608-0.0482i	35.5126-0.0860i	19.3021-0.1339i	-32.0462+0.0059i
0.2	0.0022-0.0055i	0.0026-0.0129i	0.0149+0.0071i	0.0150+0.0033i	13.3436+0.1174i	-21.7443+1.0003i	8.3117-1.6023i	-8.0324+0.3847i
0.3	0.0192-0.0085i	0.0143-0.0030i	0.0334+0.0036i	0.0140-0.0034i	12.6748+0.0389i	-21.3324+1.3796i	6.5171-0.3809i	-7.5596+0.5904i
0.4	0.0345-0.0118i	0.0310+0.0059i	0.0530-0.0121i	0.0090+0.0127i	10.1215+0.8805i	-20.8750+0.9393i	4.0631+0.7506i	-7.4006+0.1681i
0.5	0.0127-0.0271i	-0.0147-0.0300i	0.0340-0.0337i	-0.0235-0.0268i	11.5911+5.0406i	-18.7704-0.0958i	4.2369+3.0883i	-6.4159-0.5079i
0.6	-0.1073+0.0230i	-0.1741+0.0012i	-0.1078+0.0093i	-0.1178+0.0117i	26.5300+0.2088i	-13.9982-0.2403i	14.1838-0.4839i	-4.5995-0.4421i
0.7	-0.1288+0.0186i	-0.2001+0.0030i	-0.1307+0.0071i	-0.1354+0.0080i	27.3961+0.6925i	-11.7679-0.4585i	14.5518-0.0573i	-3.1160-0.6191i
0.8	-0.1161+0.0276i	-0.1821+0.0264i	-0.1193+0.0194i	-0.1254+0.0247i	24.3670+0.4332i	-10.3569-2.9938i	11.6488+0.4656i	-1.8147-2.4563i
0.9	-0.0783+0.0440i	-0.1305+0.0573i	-0.0820+0.0380i	-0.0920+0.0422i	21.6309-0.5410i	-13.6610-5.6538i	10.2247+0.8641i	-3.7383-4.2707i
1.0	0.0428+0.0195i	0.0704+0.0413i	0.0486+0.0245i	0.0456+0.0257i	15.4809-1.7072i	-29.9384-1.1337i	10.4146-0.7798i	-14.3916-1.1390i
1.1	0.0367-0.0042i	0.0684+0.0060i	0.0457+0.0028i	0.0430+0.0018i	15.2228-0.0493i	-29.0175+1.2024i	10.2112-0.1291i	-13.7860+0.2906i
1.2	0.0388-0.0187i	0.0751-0.0204i	0.0505-0.0154i	0.0457-0.0152i	14.5680+1.2752i	-28.6229+2.4257i	9.7835+0.2630i	-13.4365+0.9849i
1.3	0.0229-0.0385i	0.0485-0.0606i	0.0320-0.0398i	0.0275-0.0402i	15.7053+3.1559i	-26.9954+4.1206i	10.1774+1.0936i	-12.4839+1.9869i
1.4	-0.0185-0.0153i	-0.0407-0.0236i	-0.0199-0.0154i	-0.0253-0.0161i	19.6099+1.5093i	-23.0463+2.1893i	11.8447+0.2857i	-10.2332+0.9591i
1.5	-0.0147-0.0067i	-0.0224+0.0155i	-0.0106+0.0025i	-0.0162+0.0025i	18.9997+0.2729i	-23.4505+1.0647i	11.4202-0.2879i	-10.3853+0.3427i
1.6	-0.0178-0.0021i	-0.0037+0.0076i	-0.0056+0.0018i	-0.0109+0.0021i	18.8293+0.1586i	-23.5279+1.0116i	11.2109-0.3844i	-10.3803+0.3331i
1.7	-0.0152+0.0011i	-0.0086+0.0026i	-0.0065+0.0012i	-0.0116+0.0013i	18.7912+0.1399i	-23.5934+0.9335i	11.1652-0.4215i	-10.3906+0.3000i
1.8	-0.0148+0.0027i	-0.0109+0.0038i	-0.0066+0.0024i	-0.0120+0.0021i	18.7721+0.0893i	-23.6832+0.8995i	11.1157-0.3657i	-10.3948+0.2817i
1.9	-0.0160+0.0063i	-0.0126+0.0063i	-0.0072+0.0044i	-0.0131+0.0040i	18.8326+0.0429i	-23.7862+0.8976i	11.1213-0.3784i	-10.4124+0.2829i
2.0	-0.0190+0.0141i	-0.0155+0.0122i	-0.0089+0.0088i	-0.0152+0.0084i	19.0019+0.0053i	-23.9648+0.8588i	11.1666-0.3882i	-10.4542+0.2750i
2.1	-0.0123+0.0238i	-0.0106+0.0196i	-0.0050+0.0142i	-0.0117+0.0139i	19.1517-0.0827i	-24.1993+0.8872i	11.2261-0.4048i	-10.5239+0.2791i
2.2	0.0196+0.0204i	0.0133+0.0168i	0.0131+0.0120i	0.0057+0.0125i	19.5750-0.2699i	-24.9620+1.1374i	11.4562-0.4587i	-10.7713+0.3598i
2.3	0.0143-0.0222i	0.0094-0.0127i	0.0092-0.0120i	0.0029-0.0096i	19.4918-1.5623i	-24.8139+3.0674i	11.4781-1.1662i	-10.8323+1.0097i
2.4	-0.0170+0.0040i	-0.0126+0.0032i	-0.0090+0.0024i	-0.0115+0.0033i	16.4335-0.6562i	-20.6108+1.4816i	9.7989-0.5809i	-9.3204+0.4955i
2.5	-0.0116+0.0036i	-0.0091+0.0025i	-0.0050+0.0018i	-0.0091+0.0022i	16.9859-0.2586i	-21.3815+0.9547i	10.0599-0.3489i	-9.5377+0.3356i
2.6	-0.0094+0.0025i	-0.0080+0.0020i	-0.0039+0.0017i	-0.0082+0.0016i	17.3107-0.1119i	-21.8094+0.7668i	10.1945-0.3465i	-9.6835+0.2823i
2.7	-0.0084+0.0020i	-0.0075+0.0017i	-0.0036+0.0013i	-0.0079+0.0012i	17.5275-0.0638i	-22.0812+0.6965i	10.3160-0.3200i	-9.7736+0.2525i
2.8	-0.0083+0.0013i	-0.0075+0.0014i	-0.0033+0.0011i	-0.0080+0.0009i	17.6242-0.0445i	-22.1945+0.6710i	10.3386-0.3000i	-9.7882+0.2459i
2.9	-0.0082+0.0009i	-0.0075+0.0010i	-0.0031+0.0009i	-0.0081+0.0007i	17.6930-0.0320i	-22.2886+0.6648i	10.3403-0.2747i	-9.8093+0.2492i
3.0	-0.0081+0.0009i	-0.0075+0.0009i	-0.0030+0.0008i	-0.0081+0.0007i	17.7615-0.0161i	-22.3713+0.6354i	10.3786-0.2689i	-9.8354+0.2395i
3.1	-0.0081+0.0008i	-0.0075+0.0009i	-0.0029+0.0006i	-0.0083+0.0005i	17.8180+0.0009i	-22.4378+0.6178i	10.4116-0.2682i	-9.8597+0.2387i
3.2	-0.0082+0.0006i	-0.0077+0.0006i	-0.0030+0.0006i	-0.0084+0.0004i	17.8802-0.0077i	-22.4705+0.6292i	10.4214-0.2699i	-9.8622+0.2497i
3.3	-0.0083+0.0007i	-0.0078+0.0007i	-0.0030+0.0007i	-0.0084+0.0005i	17.9119-0.0231i	-22.4973+0.5941i	10.4342-0.2576i	-9.8664+0.2332i
3.4	-0.0080+0.0006i	-0.0077+0.0008i	-0.0028+0.0005i	-0.0084+0.0006i	17.9343-0.0176i	-22.5489+0.5715i	10.4565-0.2587i	-9.8777+0.2260i
3.5	-0.0080+0.0005i	-0.0079+0.0009i	-0.0028+0.0005i	-0.0085+0.0005i	17.9683-0.0030i	-22.5902+0.5455i	10.4683-0.2385i	-9.8921+0.2097i
3.6	-0.0081+0.0004i	-0.0080+0.0007i	-0.0028+0.0005i	-0.0087+0.0004i	18.0051-0.0025i	-22.6381+0.5399i	10.4960-0.2339i	-9.9127+0.2091i
3.7	-0.0081+0.0004i	-0.0080+0.0006i	-0.0028+0.0005i	-0.0087+0.0003i	18.0428-0.0078i	-22.6706+0.5357i	10.4992-0.2385i	-9.9220+0.2108i
3.8	-0.0080+0.0003i	-0.0082+0.0005i	-0.0028+0.0004i	-0.0088+0.0002i	18.0814-0.0061i	-22.7038+0.5275i	10.5042-0.2402i	-9.9280+0.2146i
3.9	-0.0081+0.0003i	-0.0082+0.0005i	-0.0029+0.0004i	-0.0089+0.0003i	18.1147-0.0145i	-22.7511+0.5171i	10.5284-0.2345i	-9.9467+0.2095i
4.0	-0.0083+0.0003i	-0.0082+0.0006i	-0.0030+0.0003i	-0.0090+0.0003i	18.1348-0.0116i	-22.7878+0.5040i	10.5376-0.2275i	-9.9646+0.2058i
4.1	-0.0085+0.0003i	-0.0084+0.0005i	-0.0030+0.0004i	-0.0091+0.0003i	18.1625-0.0169i	-22.8175+0.5064i	10.5519-0.2436i	-9.9651+0.2123i
4.2	-0.0084+0.0003i	-0.0086+0.0005i	-0.0029+0.0005i	-0.0092+0.0004i	18.1974-0.0332i	-22.8478+0.5107i	10.5552-0.2519i	-9.9752+0.2154i
4.3	-0.0086+0.0004i	-0.0088+0.0006i	-0.0031+0.0004i	-0.0094+0.0005i	18.2351-0.0366i	-22.8948+0.5053i	10.5787-0.2395i	-9.9949+0.2110i
4.4	-0.0086+0.0008i	-0.0087+0.0009i	-0.0030+0.0005i	-0.0095+0.0006i	18.2668-0.0440i	-22.9310+0.5012i	10.6005-0.2339i	-10.0047+0.2109i
4.5	-0.0082+0.0007i	-0.0083+0.0008i	-0.0027+0.0004i	-0.0092+0.0006i	18.2970-0.0325i	-22.9736+0.4987i	10.6279-0.2484i	-10.0246+0.2142i
4.6	-0.0083+0.0004i	-0.0085+0.0005i	-0.0027+0.0002i	-0.0094+0.0005i	18.3314-0.0284i	-23.0250+0.5022i	10.6456-0.2397i	-10.0457+0.2159i
4.7	-0.0085+0.0005i	-0.0090+0.0006i	-0.0026+0.0003i	-0.0097+0.0006i	18.3714-0.0589i	-23.0609+0.5011i	10.6740-0.2005i	-10.0565+0.2198i
4.8	-0.0086+0.0006i	-0.0089+0.0006i	-0.0027+0.0004i	-0.0095+0.0004i	18.4184-0.0654i	-23.1054+0.4997i	10.6636-0.2226i	-10.0712+0.2225i
4.9	-0.0088+0.0006i	-0.0089+0.0006i	-0.0028+0.0004i	-0.0097+0.0005i	18.4518-0.0581i	-23.1520+0.4940i	10.6797-0.2374i	-10.0912+0.2200i
5.0	-0.0088+0.0006i	-0.0089+0.0006i	-0.0027+0.0005i	-0.0099+0.0005i	18.4885-0.0711i	-23.2045+0.4999i	10.7161-0.2632i	-10.1113+0.2221i
5.1	-0.0088+0.0006i	-0.0090+0.0009i	-0.0030+0.0005i	-0.0100+0.0008i	18.5260-0.0714i	-23.2578+0.5007i	10.7362-0.2574i	-10.1338+0.2206i
5.2	-0.0089+0.0008i	-0.0090+0.0011i	-0.0028+0.0005i	-0.0102+0.0010i	18.5625-0.1036i	-23.3146+0.5133i	10.7897-0.2348i	-10.1569+0.2261i
5.3	-0.0090+0.0010i	-0.0092+0.0010i	-0.0026+0.0005i	-0.0104+0.0009i	18.5993-0.1210i	-23.3579+0.5330i	10.8054-0.2424i	-10.1696+0.2348i
5.4	-0.0090+0.0015i	-0.0093+0.0015i	-0.0026+0.0006i	-0.0106+0.0013i	18.6367-0.1418i	-23.4177+0.5502i	10.7954-0.2611i	-10.1928+0.2503i
5.5	-0.0089+0.0017i	-0.0091+0.0020i	-0.0022+0.0009i	-0.0102+0.0016i	18.6681-0.1419i	-23.4557+0.5610i	10.8183-0.2893i	-10.2061+0.2569i
5.6	-0.0090+0.0019i	-0.0091+0.0019i	-0.0022+0.0008i	-0.0105+0.0016i	18.7325-0.1592i	-23.5214+0.5825i	10.8555-0.3088i	-10.2363+0.2639i

5.7	-0.0089+0.0023i	-0.0091+0.0021i	-0.0022+0.0010i	-0.0109+0.0018i	18.7774-0.1624i	-23.5745+0.5854i	10.8455-0.2994i	-10.2616+0.2603i
5.8	-0.0086+0.0024i	-0.0087+0.0024i	-0.0020+0.0010i	-0.0109+0.0021i	18.8187-0.1964i	-23.6353+0.6209i	10.8875-0.3219i	-10.2891+0.2773i
5.9	-0.0081+0.0028i	-0.0086+0.0029i	-0.0013+0.0014i	-0.0107+0.0025i	18.8385-0.2283i	-23.6549+0.6540i	10.9259-0.3568i	-10.2930+0.2999i
6.0	-0.0070+0.0030i	-0.0079+0.0031i	-0.0004+0.0013i	-0.0103+0.0026i	18.8494-0.2436i	-23.6962+0.6600i	10.9103-0.3536i	-10.3003+0.2973i
6.1	-0.0064+0.0025i	-0.0073+0.0026i	0.0001+0.0007i	-0.0101+0.0026i	18.8967-0.2748i	-23.7576+0.6762i	10.9406-0.3427i	-10.3271+0.3090i
6.2	-0.0059+0.0018i	-0.0069+0.0020i	0.0007+0.0004i	-0.0102+0.0023i	18.9327-0.2678i	-23.8002+0.6700i	10.9539-0.3517i	-10.3412+0.3066i
6.3	-0.0058+0.0010i	-0.0068+0.0015i	0.0013+0.0000i	-0.0105+0.0018i	18.9814-0.2470i	-23.8765+0.6587i	10.9718-0.3547i	-10.3776+0.2977i
6.4	-0.0061+0.0006i	-0.0074+0.0013i	0.0019-0.0006i	-0.0116+0.0019i	19.0817-0.2502i	-23.9720+0.6666i	11.0370-0.3186i	-10.4156+0.3009i
6.5	-0.0062+0.0005i	-0.0073+0.0011i	0.0023-0.0011i	-0.0121+0.0024i	19.1399-0.2860i	-24.0672+0.6998i	11.0970-0.3522i	-10.4588+0.3245i
6.6	-0.0064+0.0007i	-0.0070+0.0011i	0.0030-0.0018i	-0.0128+0.0030i	19.1891-0.3169i	-24.1430+0.7133i	11.1289-0.3526i	-10.4732+0.3212i
6.7	-0.0066+0.0006i	-0.0073+0.0010i	0.0040-0.0024i	-0.0141+0.0034i	19.2703-0.3263i	-24.2602+0.7342i	11.1394-0.3723i	-10.5204+0.3315i
6.8	-0.0061-0.0000i	-0.0068+0.0007i	0.0053-0.0040i	-0.0150+0.0047i	19.3764-0.3913i	-24.4038+0.8244i	11.2108-0.4008i	-10.5925+0.3745i
6.9	-0.0055-0.0001i	-0.0063+0.0006i	0.0081-0.0063i	-0.0168+0.0069i	19.5311-0.5071i	-24.6025+0.9510i	11.2803-0.4421i	-10.6635+0.4204i
7.0	-0.0055-0.0005i	-0.0059-0.0001i	0.0100-0.0111i	-0.0186+0.0111i	19.6720-0.6593i	-24.7884+1.1867i	11.3532-0.5494i	-10.7429+0.5205i
7.1	-0.0057-0.0022i	-0.0056-0.0019i	0.0077-0.0224i	-0.0165+0.0202i	19.6556-1.0410i	-24.7271+1.7110i	11.3648-0.7654i	-10.7163+0.7032i
7.2	-0.0077-0.0050i	-0.0078-0.0044i	-0.0046-0.0287i	-0.0066+0.0233i	19.3279-1.1984i	-24.2420+1.9599i	11.1450-0.8487i	-10.5331+0.7934i
7.3	-0.0114-0.0027i	-0.0112-0.0026i	-0.0162-0.0233i	0.0007+0.0206i	19.0655-1.1118i	-23.8819+1.7913i	11.0345-0.8117i	-10.4119+0.7390i
7.4	-0.0104+0.0024i	-0.0107+0.0012i	-0.0220-0.0137i	0.0081+0.0167i	18.8714-0.9153i	-23.6251+1.4722i	10.9346-0.7171i	-10.3299+0.6261i
7.5	-0.0083+0.0022i	-0.0092+0.0010i	-0.0205-0.0071i	0.0089+0.0096i	18.9310-0.6396i	-23.7332+1.1311i	10.9653-0.5786i	-10.3734+0.5104i
7.6	-0.0076+0.0012i	-0.0087+0.0003i	-0.0176-0.0030i	0.0068+0.0044i	19.1018-0.4689i	-23.9808+0.8810i	11.0728-0.4829i	-10.4669+0.4190i
7.7	-0.0076+0.0006i	-0.0090-0.0002i	-0.0154-0.0020i	0.0046+0.0026i	19.2622-0.4434i	-24.1938+0.8541i	11.1579-0.4816i	-10.5365+0.4159i
7.8	-0.0077+0.0002i	-0.0093-0.0003i	-0.0138-0.0023i	0.0030+0.0023i	19.4469-0.5076i	-24.4202+0.9506i	11.2778-0.5079i	-10.6277+0.4567i
7.9	-0.0076+0.0002i	-0.0093-0.0001i	-0.0139-0.0023i	0.0028+0.0022i	19.5051-0.5700i	-24.5148+1.0375i	11.2870-0.5642i	-10.6677+0.5031i
8.0	-0.0076+0.0000i	-0.0099-0.0004i	-0.0143-0.0017i	0.0027+0.0010i	19.4926-0.5462i	-24.5520+1.0269i	11.2775-0.5411i	-10.6648+0.5009i
8.1	-0.0086+0.0003i	-0.0105+0.0001i	-0.0143-0.0010i	0.0018+0.0010i	19.5596-0.5478i	-24.6158+1.0224i	11.2831-0.5170i	-10.6723+0.4855i
8.2	-0.0087+0.0007i	-0.0108+0.0006i	-0.0150-0.0004i	0.0021+0.0005i	19.6713-0.5770i	-24.7539+1.0048i	11.3811-0.5427i	-10.7428+0.4763i
8.3	-0.0084+0.0010i	-0.0110+0.0010i	-0.0151+0.0008i	0.0024-0.0001i	19.7797-0.6348i	-24.9056+1.0613i	11.4748-0.6044i	-10.7878+0.5206i
8.4	-0.0084+0.0011i	-0.0110+0.0013i	-0.0153+0.0015i	0.0024-0.0004i	19.8581-0.6185i	-24.9963+1.0607i	11.4894-0.6241i	-10.8119+0.5210i
8.5	-0.0080+0.0017i	-0.0115+0.0017i	-0.0155+0.0026i	0.0025-0.0006i	20.0217-0.6484i	-25.2131+1.0917i	11.5718-0.6271i	-10.8942+0.5149i
8.6	-0.0077+0.0019i	-0.0114+0.0021i	-0.0159+0.0032i	0.0028-0.0010i	20.1565-0.6754i	-25.4077+1.1637i	11.6268-0.6320i	-10.9625+0.5295i
8.7	-0.0075+0.0022i	-0.0114+0.0027i	-0.0164+0.0044i	0.0041-0.0019i	20.3717-0.7955i	-25.6688+1.3138i	11.7371-0.7375i	-11.0805+0.5860i
8.8	-0.0071+0.0024i	-0.0118+0.0033i	-0.0173+0.0061i	0.0048-0.0034i	20.6300-0.9712i	-25.9480+1.5114i	11.8741-0.8725i	-11.1897+0.6756i
8.9	-0.0076+0.0024i	-0.0126+0.0043i	-0.0186+0.0082i	0.0048-0.0049i	20.8007-1.1962i	-26.1519+1.7865i	11.9387-1.0145i	-11.2717+0.7699i
9.0	-0.0066+0.0044i	-0.0121+0.0072i	-0.0182+0.0128i	0.0058-0.0063i	20.8585-1.6231i	-26.2793+2.2939i	11.9612-1.2805i	-11.3454+0.9501i
9.1	-0.0042+0.0049i	-0.0099+0.0083i	-0.0164+0.0147i	0.0065-0.0071i	20.8249-1.7995i	-26.2753+2.5459i	11.9067-1.4169i	-11.3579+1.0578i
9.2	-0.0026+0.0057i	-0.0102+0.0102i	-0.0177+0.0207i	0.0086-0.0115i	21.1779-2.4694i	-26.7107+3.3556i	11.9180-1.8814i	-11.5143+1.3814i
9.3	0.0013+0.0057i	-0.0067+0.0134i	-0.0111+0.0299i	0.0064-0.0187i	20.6492-3.5967i	-26.0552+4.7550i	11.3347-2.3376i	-11.2606+1.9309i
9.4	0.0060+0.0028i	0.0009+0.0146i	0.0025+0.0348i	-0.0005-0.0246i	19.2910-4.2520i	-24.4204+5.5987i	10.5300-2.3015i	-10.6171+2.2612i
9.5	0.0063-0.0046i	0.0067+0.0083i	0.0152+0.0241i	-0.0087-0.0217i	17.9485-3.2933i	-22.8015+4.4060i	10.1761-1.5953i	-10.0027+1.7885i
9.6	0.0035-0.0089i	0.0065+0.0024i	0.0172+0.0132i	-0.0121-0.0170i	17.6110-2.2250i	-22.4303+3.0886i	10.2510-1.1051i	-9.8654+1.2766i
9.7	0.0002-0.0112i	0.0051-0.0017i	0.0156+0.0066i	-0.0127-0.0141i	17.7518-1.5810i	-22.6060+2.2889i	10.3986-0.8697i	-9.9287+0.9685i
9.8	-0.0023-0.0121i	0.0037-0.0036i	0.0131+0.0027i	-0.0127-0.0122i	18.0073-1.2451i	-22.9292+1.8316i	10.5354-0.7699i	-10.0655+0.8049i
9.9	-0.0048-0.0125i	0.0022-0.0052i	0.0104-0.0004i	-0.0122-0.0104i	18.2335-0.9808i	-23.2532+1.4817i	10.6084-0.7288i	-10.1609+0.7054i
10.0	-0.0068-0.0120i	0.0013-0.0061i	0.0087-0.0020i	-0.0120-0.0095i	18.3627-0.7491i	-23.4993+1.2267i	10.6463-0.5890i	-10.2410+0.5841i
10.1	-0.0084-0.0102i	-0.0001-0.0056i	0.0067-0.0019i	-0.0118-0.0084i	18.5589-0.6054i	-23.8131+1.0523i	10.7545-0.5151i	-10.3638+0.5024i
10.2	-0.0090-0.0093i	-0.0006-0.0063i	0.0058-0.0024i	-0.0112-0.0083i	18.6961-0.5332i	-24.0634+0.9606i	10.7817-0.4733i	-10.4511+0.4712i
10.3	-0.0089-0.0090i	-0.0002-0.0073i	0.0056-0.0027i	-0.0102-0.0084i	18.7708-0.4070i	-24.2372+0.8998i	10.7950-0.3604i	-10.5167+0.4237i
10.4	-0.0089-0.0089i	-0.0008-0.0093i	0.0051-0.0039i	-0.0103-0.0091i	18.8973-0.2503i	-24.4997+0.8085i	10.8955-0.2616i	-10.6418+0.3663i
10.5	-0.0097-0.0091i	-0.0014-0.0105i	0.0047-0.0048i	-0.0106-0.0094i	18.9688-0.1306i	-24.6737+0.7654i	10.9453-0.2123i	-10.7193+0.3415i
10.6	-0.0102-0.0093i	-0.0022-0.0115i	0.0038-0.0059i	-0.0106-0.0094i	19.0632-0.0008i	-24.8355+0.7338i	10.9811-0.1360i	-10.7864+0.3193i
10.7	-0.0105-0.0095i	-0.0029-0.0124i	0.0032-0.0068i	-0.0110-0.0097i	19.2349+0.1252i	-25.0446+0.7317i	11.0580-0.0567i	-10.8758+0.3232i
10.8	-0.0106-0.0095i	-0.0041-0.0131i	0.0026-0.0075i	-0.0107-0.0099i	19.3036+0.2509i	-25.1776+0.7079i	11.1002+0.0340i	-10.9285+0.2894i
10.9	-0.0109-0.0097i	-0.0054-0.0147i	0.0018-0.0084i	-0.0112-0.0107i	19.4585+0.4927i	-25.3708+0.6982i	11.1696+0.1910i	-11.0120+0.2714i
11.0	-0.0120-0.0094i	-0.0075-0.0158i	0.0001-0.0092i	-0.0119-0.0108i	19.7311+0.6244i	-25.5417+0.7250i	11.3532+0.2671i	-11.1009+0.2865i
11.1	-0.0129-0.0095i	-0.0099-0.0163i	-0.0016-0.0097i	-0.0132-0.0113i	20.0389+0.7601i	-25.7346+0.7893i	11.5826+0.3522i	-11.2071+0.3246i
11.2	-0.0136-0.0099i	-0.0123-0.0165i	-0.0030-0.0101i	-0.0143-0.0115i	20.3597+0.7941i	-25.8358+0.8248i	11.7536+0.3581i	-11.2606+0.3480i
11.3	-0.0147-0.0092i	-0.0146-0.0160i	-0.0048-0.0097i	-0.0158-0.0109i	20.6681+0.7841i	-25.9470+0.8662i	11.9468+0.3243i	-11.3217+0.3875i
11.4	-0.0161-0.0087i	-0.0167-0.0158i	-0.0059-0.0093i	-0.0168-0.0106i	20.8945+0.7542i	-26.0285+0.9085i	12.0805+0.3047i	-11.3552+0.4176i
11.5	-0.0169-0.0093i	-0.0183-0.0158i	-0.0073-0.0097i	-0.0177-0.0106i	21.0923+0.7517i	-26.1104+0.9293i	12.1822+0.2839i	-11.3792+0.4347i
11.6	-0.0186-0.0089i	-0.0217-0.0150i	-0.0098-0.0098i	-0.0197-0.0107i	21.4358+0.7849i	-26.1609+0.9031i	12.3821+0.2851i	-11.3867+0.4199i
11.7	-0.0196-0.0075i	-0.0241-0.0127i	-0.0111-0.0083i	-0.0211-0.0091i	21.6977+0.6548i	-26.2150+0.8289i	12.5267+0.2533i	-11.4027+0.3767i
11.8	-0.0202-0.0059i	-0.0250-0.0096i	-0.0121-0.0066i	-0.0218-0.0073i	21.8903+0.4773i	-26.3455+0.7543i	12.6384+0.1759i	-11.4725+0.3449i
11.9	-0.0200-0.0038i	-0.0248-0.0071i	-0.0122-0.0043i	-0.0213-0.0052i	22.0697+0.3101i	-26.5561+0.7092i	12.7296+0.0722i	-11.5699+0.3315i

12.0	-0.0197-0.0031i	-0.0240-0.0051i	-0.0119-0.0033i	-0.0209-0.0042i	22.1435+0.1548i	-26.7059+0.6940i	12.7703-0.0245i	-11.6326+0.3312i
12.1	-0.0194-0.0024i	-0.0237-0.0036i	-0.0117-0.0024i	-0.0204-0.0033i	22.2060-0.0204i	-26.8795+0.7129i	12.8303-0.1103i	-11.7103+0.3463i
12.2	-0.0188-0.0010i	-0.0230-0.0023i	-0.0114-0.0013i	-0.0196-0.0025i	22.2888-0.0462i	-27.0774+0.6639i	12.9084-0.1128i	-11.8072+0.3160i
12.3	-0.0186-0.0008i	-0.0221-0.0020i	-0.0111-0.0009i	-0.0192-0.0026i	22.3747-0.1571i	-27.2354+0.7481i	12.9435-0.2009i	-11.8662+0.3820i
12.4	-0.0181-0.0008i	-0.0216-0.0018i	-0.0102-0.0004i	-0.0188-0.0025i	22.4510-0.2144i	-27.3822+0.7955i	12.9640-0.2756i	-11.9189+0.4212i
12.5	-0.0175-0.0008i	-0.0208-0.0019i	-0.0095-0.0004i	-0.0184-0.0029i	22.5188-0.2401i	-27.5528+0.8132i	13.0328-0.2783i	-12.0065+0.4225i
12.6	-0.0178-0.0014i	-0.0216-0.0022i	-0.0101-0.0006i	-0.0189-0.0031i	22.5875-0.3102i	-27.6085+0.9464i	13.0638-0.3289i	-11.9988+0.5026i
12.7	-0.0182-0.0015i	-0.0216-0.0010i	-0.0103-0.0001i	-0.0191-0.0028i	22.6859-0.3203i	-27.7089+0.9580i	13.0854-0.3724i	-12.0136+0.5125i
12.8	-0.0181-0.0012i	-0.0214-0.0005i	-0.0101+0.0002i	-0.0188-0.0023i	22.7602-0.3075i	-27.8989+0.9268i	13.1732-0.3405i	-12.1156+0.4979i
12.9	-0.0182-0.0007i	-0.0212+0.0003i	-0.0100+0.0003i	-0.0185-0.0018i	22.8731-0.3584i	-28.0359+0.9612i	13.2229-0.3388i	-12.1649+0.5113i
13.0	-0.0177+0.0006i	-0.0210+0.0009i	-0.0099+0.0010i	-0.0187-0.0012i	22.9662-0.3682i	-28.1077+0.9257i	13.2523-0.3349i	-12.1867+0.4919i
13.1	-0.0171+0.0010i	-0.0191+0.0006i	-0.0095+0.0011i	-0.0179-0.0012i	23.1099-0.4124i	-28.3170+0.9737i	13.3861-0.3681i	-12.2877+0.5149i
13.2	-0.0165+0.0014i	-0.0182+0.0008i	-0.0087+0.0014i	-0.0174-0.0011i	23.1730-0.4166i	-28.4203+0.9739i	13.4093-0.4199i	-12.3066+0.5069i
13.3	-0.0162+0.0017i	-0.0175+0.0006i	-0.0080+0.0015i	-0.0169-0.0004i	23.2808-0.4539i	-28.5689+0.9347i	13.4297-0.4300i	-12.3583+0.4702i
13.4	-0.0151+0.0019i	-0.0169+0.0004i	-0.0073+0.0017i	-0.0164-0.0001i	23.4118-0.4883i	-28.7732+0.9001i	13.5102-0.4455i	-12.4577+0.4529i
13.5	-0.0139+0.0016i	-0.0169-0.0002i	-0.0068+0.0011i	-0.0160-0.0005i	23.5369-0.4740i	-28.9595+0.8917i	13.5990-0.4390i	-12.5472+0.4439i
13.6	-0.0128+0.0013i	-0.0163-0.0010i	-0.0063+0.0007i	-0.0152-0.0010i	23.5873-0.5308i	-29.1281+0.9293i	13.6503-0.4607i	-12.6254+0.4646i
13.7	-0.0119+0.0004i	-0.0158-0.0016i	-0.0059+0.0001i	-0.0146-0.0013i	23.6791-0.5336i	-29.3054+0.9495i	13.7198-0.4838i	-12.6974+0.4694i
13.8	-0.0123-0.0009i	-0.0164-0.0021i	-0.0059-0.0006i	-0.0151-0.0020i	23.8194-0.5139i	-29.4618+0.9411i	13.7958-0.4643i	-12.7599+0.4723i
13.9	-0.0123-0.0024i	-0.0163-0.0031i	-0.0057-0.0015i	-0.0151-0.0031i	23.9863-0.5280i	-29.6829+0.9891i	13.9094-0.4539i	-12.8739+0.4953i
14.0	-0.0119-0.0033i	-0.0162-0.0039i	-0.0061-0.0015i	-0.0146-0.0040i	24.1435-0.4831i	-29.9240+1.0413i	13.9925-0.4697i	-12.9680+0.5183i
14.1	-0.0116-0.0052i	-0.0164-0.0052i	-0.0060-0.0027i	-0.0142-0.0048i	24.2671-0.5029i	-30.0849+1.0758i	14.0802-0.4712i	-13.0315+0.5371i
14.2	-0.0125-0.0075i	-0.0178-0.0074i	-0.0068-0.0046i	-0.0151-0.0065i	24.3900-0.4994i	-30.2297+1.1576i	14.1217-0.4755i	-13.0952+0.5645i
14.3	-0.0153-0.0088i	-0.0204-0.0090i	-0.0086-0.0056i	-0.0172-0.0075i	24.5893-0.5135i	-30.3819+1.1420i	14.2091-0.4843i	-13.1537+0.5479i
14.4	-0.0173-0.0082i	-0.0234-0.0082i	-0.0104-0.0056i	-0.0190-0.0076i	24.7305-0.5521i	-30.4978+1.1786i	14.2691-0.5429i	-13.1829+0.5579i
14.5	-0.0181-0.0076i	-0.0240-0.0073i	-0.0113-0.0049i	-0.0193-0.0069i	24.8962-0.5579i	-30.6998+1.1896i	14.3628-0.5056i	-13.2695+0.5646i
14.6	-0.0183-0.0081i	-0.0241-0.0076i	-0.0114-0.0047i	-0.0194-0.0075i	25.0494-0.5374i	-30.9291+1.2207i	14.4686-0.4851i	-13.3846+0.5832i
14.7	-0.0193-0.0096i	-0.0253-0.0086i	-0.0122-0.0053i	-0.0202-0.0086i	25.2239-0.6015i	-31.1593+1.3293i	14.6173-0.5549i	-13.4973+0.6267i
14.8	-0.0212-0.0106i	-0.0262-0.0092i	-0.0132-0.0059i	-0.0219-0.0094i	25.3706-0.5971i	-31.3275+1.3673i	14.7391-0.5630i	-13.5545+0.6538i
14.9	-0.0240-0.0093i	-0.0287-0.0076i	-0.0146-0.0049i	-0.0238-0.0087i	25.5613-0.6823i	-31.4893+1.3582i	14.8330-0.5865i	-13.6249+0.6468i
15.0	-0.0270-0.0066i	-0.0329-0.0050i	-0.0170-0.0032i	-0.0265-0.0065i	25.7858-0.7243i	-31.6404+1.3559i	14.9193-0.6078i	-13.6776+0.6458i
15.1	-0.0290-0.0036i	-0.0353-0.0025i	-0.0180-0.0017i	-0.0282-0.0039i	26.0361-0.7799i	-31.8146+1.3154i	15.0541-0.6152i	-13.7520+0.6213i
15.2	-0.0295-0.0016i	-0.0348+0.0000i	-0.0179-0.0001i	-0.0283-0.0019i	26.2281-0.8999i	-32.0388+1.2772i	15.1643-0.6717i	-13.8541+0.5966i
15.3	-0.0288-0.0002i	-0.0337+0.0012i	-0.0174+0.0009i	-0.0274-0.0007i	26.3326-1.0258i	-32.2102+1.3912i	15.2078-0.7319i	-13.9097+0.6472i
15.4	-0.0278+0.0010i	-0.0334+0.0030i	-0.0172+0.0014i	-0.0262+0.0007i	26.5120-0.9649i	-32.5556+1.3812i	15.3703-0.7798i	-14.0556+0.6502i
15.5	-0.0276+0.0014i	-0.0328+0.0039i	-0.0170+0.0022i	-0.0260+0.0014i	26.6999-0.9930i	-32.8419+1.3661i	15.4738-0.7831i	-14.1817+0.6433i
15.6	-0.0274+0.0014i	-0.0327+0.0046i	-0.0172+0.0024i	-0.0259+0.0017i	26.8474-1.1519i	-33.0205+1.4207i	15.5406-0.7985i	-14.2516+0.6684i
15.7	-0.0272+0.0022i	-0.0330+0.0046i	-0.0172+0.0027i	-0.0254+0.0016i	27.0678-1.0754i	-33.3505+1.4036i	15.6995-0.8007i	-14.4218+0.6635i
15.8	-0.0276+0.0022i	-0.0333+0.0043i	-0.0169+0.0031i	-0.0255+0.0016i	27.2483-1.1583i	-33.5998+1.5062i	15.8170-0.8694i	-14.5177+0.7105i
15.9	-0.0293+0.0018i	-0.0335+0.0039i	-0.0179+0.0028i	-0.0262+0.0011i	27.4744-1.2683i	-33.8993+1.6412i	15.9736-0.9013i	-14.6396+0.7834i
16.0	-0.0302+0.0031i	-0.0339+0.0053i	-0.0189+0.0043i	-0.0269+0.0017i	27.6681-1.3133i	-34.1268+1.6329i	16.0523-0.9369i	-14.7312+0.7674i
16.1	-0.0308+0.0052i	-0.0342+0.0072i	-0.0189+0.0056i	-0.0273+0.0025i	27.8450-1.4106i	-34.3484+1.7522i	16.1741-0.9915i	-14.8132+0.8138i
16.2	-0.0314+0.0071i	-0.0343+0.0084i	-0.0190+0.0070i	-0.0274+0.0036i	28.0617-1.4144i	-34.6769+1.7749i	16.3513-0.9927i	-14.9671+0.8303i
16.3	-0.0310+0.0100i	-0.0347+0.0108i	-0.0195+0.0089i	-0.0269+0.0056i	28.3029-1.5247i	-34.9663+1.7886i	16.4840-1.0405i	-15.0966+0.8233i
16.4	-0.0296+0.0131i	-0.0330+0.0134i	-0.0188+0.0107i	-0.0256+0.0072i	28.5305-1.6449i	-35.3033+1.8126i	16.5642-1.1113i	-15.2516+0.8112i
16.5	-0.0268+0.0148i	-0.0309+0.0146i	-0.0170+0.0116i	-0.0241+0.0081i	28.7294-1.6645i	-35.6734+1.8490i	16.7362-1.1580i	-15.4087+0.8179i
16.6	-0.0207+0.0152i	-0.0263+0.0149i	-0.0128+0.0121i	-0.0203+0.0079i	28.7945-1.7561i	-35.9904+1.9529i	16.8028-1.2715i	-15.5433+0.8707i
16.7	-0.0161+0.0108i	-0.0221+0.0101i	-0.0099+0.0091i	-0.0170+0.0047i	28.9622-1.7341i	-36.3919+2.1126i	16.9359-1.2078i	-15.7271+0.9515i
16.8	-0.0209+0.0047i	-0.0278+0.0034i	-0.0136+0.0046i	-0.0208+0.0003i	29.3395-1.6854i	-36.6559+2.2736i	17.1350-1.1863i	-15.8412+1.0193i
16.9	-0.0246+0.0081i	-0.0322+0.0074i	-0.0162+0.0071i	-0.0236+0.0024i	29.6161-1.7975i	-36.8180+2.2193i	17.2252-1.2358i	-15.8961+0.9894i
17.0	-0.0232+0.0127i	-0.0319+0.0124i	-0.0158+0.0109i	-0.0228+0.0055i	29.8540-2.0248i	-37.2206+2.3802i	17.4012-1.3973i	-16.0703+1.0499i
17.1	-0.0178+0.0120i	-0.0273+0.0121i	-0.0122+0.0108i	-0.0193+0.0044i	30.0153-2.1839i	-37.6163+2.6949i	17.5748-1.4923i	-16.2403+1.1896i
17.2	-0.0186+0.0013i	-0.0290+0.0033i	-0.0135+0.0036i	-0.0201-0.0032i	30.3285-2.1014i	-37.9029+2.9899i	17.7073-1.5340i	-16.3661+1.3132i
17.3	-0.0252+0.0008i	-0.0357+0.0030i	-0.0185+0.0040i	-0.0249-0.0036i	30.6271-2.1984i	-38.0346+3.0323i	17.8417-1.5844i	-16.4213+1.3320i
17.4	-0.0295+0.0096i	-0.0393+0.0126i	-0.0210+0.0114i	-0.0282+0.0023i	31.0182-2.6008i	-38.3469+3.1614i	18.0420-1.7748i	-16.5637+1.3869i
17.5	-0.0266+0.0116i	-0.0359+0.0150i	-0.0180+0.0126i	-0.0258+0.0037i	31.0998-2.6440i	-38.6458+3.1276i	18.1077-1.7505i	-16.6935+1.3703i
17.6	-0.0261+0.0083i	-0.0357+0.0126i	-0.0177+0.0116i	-0.0259+0.0017i	31.2749-2.6395i	-38.8794+3.2927i	18.2028-1.7731i	-16.7960+1.4380i
17.7	-0.0270+0.0071i	-0.0369+0.0114i	-0.0185+0.0109i	-0.0266+0.0010i	31.4702-2.7069i	-39.1614+3.3895i	18.4275-1.8824i	-16.9215+1.4713i
17.8	-0.0279+0.0086i	-0.0377+0.0133i	-0.0188+0.0119i	-0.0282+0.0026i	31.7598-2.8147i	-39.4830+3.3782i	18.6375-1.8836i	-17.0625+1.4520i
17.9	-0.0271+0.0082i	-0.0371+0.0147i	-0.0179+0.0126i	-0.0284+0.0025i	32.0458-2.8419i	-39.8059+3.4242i	18.7508-1.9020i	-17.1944+1.4664i
18.0	-0.0321+0.0067i	-0.0413+0.0131i	-0.0213+0.0114i	-0.0316+0.0005i	32.3739-2.8401i	-40.1271+3.5318i	18.9323-1.9929i	-17.3459+1.5538i
18.1	-0.0372+0.0099i	-0.0461+0.0160i	-0.0250+0.0136i	-0.0349+0.0023i	32.6962-2.9795i	-40.3843+3.5226i	19.0941-2.0626i	-17.4535+1.5481i
18.2	-0.0387+0.0152i	-0.0484+0.0224i	-0.0264+0.0184i	-0.0366+0.0066i	32.9940-3.0324i	-40.7914+3.4086i	19.2969-2.1023i	-17.6330+1.4859i

18.3	-0.0358+0.0226i	-0.0452+0.0299i	-0.0240+0.0236i	-0.0345+0.0124i	33.2592-3.1362i	-41.2920+3.3075i	19.4590-2.1582i	-17.8378+1.4346i
18.4	-0.0288+0.0307i	-0.0371+0.0373i	-0.0175+0.0290i	-0.0289+0.0186i	33.4765-3.4226i	-41.8765+3.3540i	19.5976-2.3781i	-18.1104+1.4371i
18.5	-0.0217+0.0344i	-0.0311+0.0415i	-0.0135+0.0314i	-0.0238+0.0223i	33.6953-3.5135i	-42.4057+3.2269i	19.8094-2.3351i	-18.3588+1.3621i
18.6	-0.0060+0.0228i	-0.0149+0.0292i	-0.0041+0.0226i	-0.0102+0.0135i	34.0378-3.3301i	-43.4883+3.5204i	20.1494-2.3393i	-18.8339+1.5155i
18.7	-0.0137+0.0071i	-0.0221+0.0152i	-0.0097+0.0141i	-0.0151-0.0004i	34.6881-3.2952i	-44.1169+4.0568i	20.5580-2.3689i	-19.0925+1.7756i
18.8	-0.0230+0.0063i	-0.0321+0.0143i	-0.0162+0.0154i	-0.0231-0.0027i	35.1271-3.6630i	-44.3413+4.5401i	20.7107-2.5967i	-19.1696+1.9948i
18.9	-0.0267+0.0093i	-0.0366+0.0183i	-0.0179+0.0194i	-0.0272-0.0011i	35.6876-3.9285i	-44.8915+4.8316i	20.9704-2.7919i	-19.4119+2.1244i
19.0	-0.0282+0.0122i	-0.0367+0.0210i	-0.0173+0.0224i	-0.0284-0.0000i	36.1486-4.0021i	-45.4255+4.8567i	21.2091-2.8607i	-19.6329+2.1340i
19.1	-0.0309+0.0145i	-0.0396+0.0234i	-0.0185+0.0243i	-0.0309+0.0007i	36.4673-4.2449i	-45.7917+5.1342i	21.4444-3.0253i	-19.7786+2.2253i
19.2	-0.0322+0.0180i	-0.0416+0.0273i	-0.0186+0.0278i	-0.0337+0.0028i	36.7976-4.5759i	-46.2157+5.4938i	21.6363-3.2635i	-19.9476+2.3779i
19.3	-0.0354+0.0201i	-0.0440+0.0290i	-0.0195+0.0299i	-0.0367+0.0029i	37.2806-4.7496i	-46.7116+5.7688i	21.9156-3.3790i	-20.1604+2.4997i
19.4	-0.0387+0.0261i	-0.0485+0.0353i	-0.0200+0.0342i	-0.0413+0.0065i	37.7114-5.0684i	-47.1168+5.9795i	22.1477-3.5523i	-20.3384+2.5677i
19.5	-0.0402+0.0365i	-0.0500+0.0459i	-0.0194+0.0418i	-0.0439+0.0138i	38.1315-5.3713i	-47.5388+6.0178i	22.3558-3.7419i	-20.5263+2.5796i
19.6	-0.0376+0.0475i	-0.0473+0.0574i	-0.0159+0.0492i	-0.0434+0.0218i	38.5487-5.7283i	-48.1323+6.0877i	22.5938-3.9461i	-20.7885+2.6065i
19.7	-0.0299+0.0560i	-0.0398+0.0686i	-0.0102+0.0559i	-0.0394+0.0288i	38.9420-6.1838i	-48.8602+6.2572i	22.8560-4.0634i	-21.1011+2.6571i
19.8	-0.0167+0.0607i	-0.0264+0.0737i	0.0003+0.0590i	-0.0318+0.0326i	39.2443-6.3062i	-49.6604+6.2602i	23.0998-4.1386i	-21.4755+2.6476i
19.9	-0.0043+0.0586i	-0.0131+0.0714i	0.0105+0.0566i	-0.0239+0.0320i	39.5485-6.6474i	-50.4832+6.7628i	23.2451-4.4014i	-21.8617+2.8766i
20.0	0.0082+0.0547i	-0.0002+0.0685i	0.0212+0.0534i	-0.0163+0.0313i	39.8238-6.9049i	-51.3266+7.1394i	23.4801-4.6270i	-22.2248+3.0360i
20.1	0.0143+0.0441i	0.0052+0.0573i	0.0259+0.0445i	-0.0122+0.0249i	40.2546-7.0217i	-52.1336+7.6685i	23.7746-4.7937i	-22.5660+3.2704i
20.2	0.0115+0.0313i	0.0028+0.0459i	0.0241+0.0352i	-0.0138+0.0173i	40.9765-7.1582i	-53.0486+8.2063i	24.2582-4.9417i	-22.9613+3.4973i
20.3	0.0084+0.0221i	0.0001+0.0378i	0.0220+0.0294i	-0.0170+0.0121i	41.8087-7.3951i	-54.0053+8.8267i	24.6263-5.1910i	-23.3604+3.7549i
20.4	0.0092+0.0212i	-0.0018+0.0379i	0.0218+0.0286i	-0.0182+0.0117i	42.6170-7.9005i	-54.9899+9.5248i	25.0850-5.5352i	-23.7850+4.0807i
20.5	0.0071+0.0194i	-0.0029+0.0374i	0.0220+0.0271i	-0.0196+0.0115i	43.2736-8.5657i	-55.7932+10.3510i	25.4859-5.9674i	-24.1321+4.4170i
20.6	0.0018+0.0170i	-0.0082+0.0358i	0.0189+0.0250i	-0.0235+0.0105i	43.9047-9.2767i	-56.5232+11.3763i	25.8727-6.4709i	-24.4151+4.8414i
20.7	-0.0017+0.0203i	-0.0112+0.0423i	0.0166+0.0280i	-0.0261+0.0151i	44.1121-10.4369i	-56.5682+12.7807i	25.7750-7.2497i	-24.4604+5.4127i
20.8	0.0022+0.0287i	-0.0038+0.0545i	0.0215+0.0348i	-0.0221+0.0229i	44.2440-11.3310i	-56.8627+13.6004i	25.8857-7.7924i	-24.6261+5.7377i
20.9	0.0154+0.0293i	0.0151+0.0572i	0.0329+0.0352i	-0.0111+0.0241i	44.0773-11.9333i	-57.3055+14.2761i	25.8560-8.1270i	-24.8740+6.0208i
21.0	0.0189+0.0204i	0.0196+0.0482i	0.0360+0.0296i	-0.0087+0.0182i	43.9818-12.3031i	-57.4587+14.9350i	25.8973-8.2636i	-24.9655+6.2963i
21.1	0.0155+0.0082i	0.0199+0.0350i	0.0352+0.0201i	-0.0092+0.0103i	43.6659-12.6942i	-56.9941+15.7612i	25.5872-8.5876i	-24.8074+6.6315i
21.2	0.0027+0.0047i	0.0081+0.0302i	0.0270+0.0166i	-0.0179+0.0078i	43.7466-12.8599i	-56.7769+16.2172i	25.5270-8.7825i	-24.7205+6.8627i
21.3	-0.0003+0.0027i	0.0071+0.0271i	0.0260+0.0141i	-0.0192+0.0060i	43.9658-12.5990i	-57.0067+16.1061i	25.6803-8.7179i	-24.8641+6.8456i
21.4	-0.0020+0.0029i	0.0082+0.0251i	0.0271+0.0122i	-0.0202+0.0052i	43.9676-12.3429i	-57.0979+15.8274i	25.5546-8.5979i	-24.9418+6.7371i
21.5	-0.0015+0.0003i	0.0092+0.0212i	0.0279+0.0100i	-0.0203+0.0037i	44.3254-12.0779i	-57.6432+15.4546i	25.8574-8.4427i	-25.1827+6.5891i
21.6	-0.0035+0.0095i	0.0092+0.0291i	0.0274+0.0160i	-0.0200+0.0095i	44.6721-12.1931i	-58.0601+15.1706i	25.9904-8.4338i	-25.3654+6.4840i
21.7	-0.0016+0.0141i	0.0131+0.0302i	0.0299+0.0175i	-0.0186+0.0108i	45.3729-12.2424i	-59.1558+15.1688i	26.2893-8.4860i	-25.9066+6.5101i
21.8	0.0038+0.0135i	0.0192+0.0257i	0.0346+0.0155i	-0.0154+0.0089i	46.3322-11.9397i	-60.6701+14.9619i	26.8509-8.4777i	-26.5632+6.4638i
21.9	0.0071+0.0149i	0.0207+0.0281i	0.0369+0.0166i	-0.0141+0.0114i	47.1991-12.0117i	-62.1960+15.0731i	27.5031-8.6020i	-27.2573+6.5478i
22.0	0.0095+0.0128i	0.0226+0.0222i	0.0382+0.0124i	-0.0130+0.0085i	48.4228-11.9033i	-63.7943+15.0072i	28.0847-8.4821i	-27.9320+6.5071i
22.1	0.0095+0.0069i	0.0214+0.0131i	0.0378+0.0060i	-0.0135+0.0030i	49.2957-12.2837i	-64.7793+15.7862i	28.6415-8.7879i	-28.3231+6.8786i
22.2	0.0145-0.0014i	0.0264+0.0046i	0.0423+0.0001i	-0.0103-0.0033i	50.6929-12.4700i	-67.2265+16.5529i	29.4217-8.9624i	-29.3918+7.2640i
22.3	0.0166-0.0038i	0.0276+0.0018i	0.0439-0.0017i	-0.0100-0.0053i	51.7705-12.6635i	-68.7767+16.8511i	29.9608-9.1998i	-30.0921+7.4139i
22.4	0.0187-0.0065i	0.0286-0.0014i	0.0458-0.0050i	-0.0100-0.0070i	52.9255-13.0085i	-70.2528+17.3885i	30.6190-9.4267i	-30.6948+7.6881i
22.5	0.0194-0.0145i	0.0290-0.0096i	0.0476-0.0127i	-0.0101-0.0125i	54.4326-13.3321i	-72.4085+18.1969i	31.5655-9.6773i	-31.6489+8.0586i
22.6	0.0139-0.0230i	0.0265-0.0190i	0.0450-0.0192i	-0.0137-0.0178i	55.9110-13.7103i	-74.3195+19.0527i	32.5459-9.8823i	-32.5002+8.4512i
22.7	0.0100-0.0311i	0.0208-0.0278i	0.0413-0.0258i	-0.0164-0.0233i	57.4302-14.0983i	-76.1155+20.1190i	33.3962-10.0730i	-33.2738+8.9558i
22.8	0.0045-0.0404i	0.0128-0.0392i	0.0363-0.0336i	-0.0217-0.0312i	59.4329-14.5503i	-78.4458+21.2538i	34.5261-10.6278i	-34.2505+9.5234i
22.9	-0.0115-0.0476i	-0.0016-0.0468i	0.0244-0.0396i	-0.0337-0.0358i	61.3771-16.2156i	-80.1186+23.7644i	35.5217-11.8002i	-34.9065+10.6358i
23.0	-0.0175-0.0465i	-0.0089-0.0447i	0.0196-0.0379i	-0.0387-0.0340i	63.2389-17.4077i	-82.2455+25.2096i	36.6002-12.5745i	-35.8199+11.2118i
23.1	-0.0196-0.0423i	-0.0099-0.0420i	0.0195-0.0357i	-0.0412-0.0314i	65.1434-18.1924i	-84.7474+25.8895i	37.8791-13.0729i	-36.8804+11.4924i
23.2	-0.0308-0.0473i	-0.0215-0.0483i	0.0121-0.0396i	-0.0489-0.0352i	67.3561-19.9790i	-87.3053+28.3766i	39.1066-14.5530i	-37.9551+12.6038i
23.3	-0.0339-0.0451i	-0.0245-0.0479i	0.0103-0.0375i	-0.0502-0.0343i	68.9634-21.5324i	-89.6119+30.1932i	39.9475-15.6434i	-38.9812+13.4100i
23.4	-0.0380-0.0401i	-0.0298-0.0433i	0.0077-0.0350i	-0.0549-0.0304i	71.1291-23.2163i	-92.3878+32.0434i	41.1161-16.7320i	-40.1758+14.2190i
23.5	-0.0467-0.0376i	-0.0395-0.0438i	0.0011-0.0345i	-0.0622-0.0293i	73.6525-25.8052i	-95.2459+35.4728i	42.4237-18.4845i	-41.3787+15.7235i
23.6	-0.0544-0.0419i	-0.0483-0.0505i	-0.0039-0.0376i	-0.0683-0.0334i	75.7924-28.5842i	-98.1002+39.3500i	43.5507-20.4857i	-42.6002+17.4548i
23.7	-0.0636-0.0380i	-0.0580-0.0461i	-0.0089-0.0345i	-0.0756-0.0317i	78.0872-30.7908i	-101.2262+42.0854i	44.4539-21.8869i	-43.9274+18.6004i
23.8	-0.0654-0.0359i	-0.0620-0.0426i	-0.0101-0.0318i	-0.0785-0.0304i	80.0215-34.1993i	-103.6919+46.5779i	45.1288-24.1963i	-44.9872+20.5388i
23.9	-0.0713-0.0331i	-0.0698-0.0403i	-0.0124-0.0297i	-0.0823-0.0287i	81.7650-38.0508i	-106.2055+51.1837i	45.9580-26.5254i	-46.0882+22.5099i
24.0	-0.0815-0.0298i	-0.0809-0.0387i	-0.0174-0.0300i	-0.0904-0.0294i	83.8959-41.7380i	-109.6901+57.1094i	46.6855-29.1591i	-47.6569+25.1307i
24.1	-0.0833-0.0198i	-0.0851-0.0291i	-0.0172-0.0224i	-0.0957-0.0249i	85.6922-45.3182i	-112.2271+61.9016i	47.2712-31.2784i	-48.7964+27.2543i
24.2	-0.0849-0.0186i	-0.0867-0.0255i	-0.0163-0.0196i	-0.1001-0.0216i	86.6080-50.2740i	-113.1485+68.2998i	47.4348-34.2522i	-49.1058+30.0543i
24.3	-0.0886-0.0127i	-0.0872-0.0212i	-0.0170-0.0186i	-0.1047-0.0175i	87.2171-55.5314i	-113.9189+75.5844i	47.1119-37.4197i	-49.4160+33.2121i
24.4	-0.0927-0.0049i	-0.0958-0.0186i	-0.0191-0.0180i	-0.1133-0.0151i	88.3465-61.1813i	-115.2323+84.1575i	46.8615-40.7287i	-49.9051+36.9004i
24.5	-0.0992+0.0024i	-0.0963-0.0140i	-0.0190-0.0152i	-0.1179-0.0114i	87.3377-68.3994i	-113.9096+93.8837i	45.4303-44.4372i	-49.3609+41.1052i

24.6	-0.0986-0.0011i	-0.0968-0.0165i	-0.0160-0.0220i	-0.1202-0.0135i	87.0164-74.1014i	-114.0539+102.1354i	44.6735-47.7397i	-49.4340+44.7833i
24.7	-0.1168-0.0027i	-0.1122-0.0203i	-0.0274-0.0270i	-0.1372-0.0149i	88.1374-80.5830i	-114.4902+112.2246i	44.1520-51.3771i	-49.5863+49.2323i
24.8	-0.1252+0.0024i	-0.1261-0.0152i	-0.0348-0.0269i	-0.1494-0.0112i	85.6769-87.9797i	-109.8836+122.8888i	41.4848-54.9396i	-47.5697+53.8538i
24.9	-0.1246+0.0057i	-0.1329-0.0115i	-0.0361-0.0259i	-0.1538-0.0068i	82.5934-92.6244i	-105.1072+129.1419i	39.5327-56.8699i	-45.4323+56.5529i
25.0	-0.1357+0.0161i	-0.1484-0.0060i	-0.0459-0.0222i	-0.1698+0.0001i	78.1141-98.8980i	-97.4031+137.6050i	36.6747-59.1181i	-42.0593+60.2730i
25.1	-0.1517+0.0287i	-0.1656+0.0061i	-0.0554-0.0181i	-0.1886+0.0136i	73.6723-106.9849i	-89.4459+148.2106i	33.6010-62.5185i	-38.4740+64.9082i
25.2	-0.1613+0.0495i	-0.1802+0.0312i	-0.0616-0.0066i	-0.2040+0.0373i	67.2666-114.0715i	-79.1620+156.8652i	29.4816-65.3518i	-33.8897+68.6116i
25.3	-0.1741+0.0660i	-0.1922+0.0550i	-0.0697+0.0048i	-0.2183+0.0562i	62.7566-117.1845i	-71.8879+159.5816i	27.2363-66.2343i	-30.7304+69.7191i
25.4	-0.1831+0.1026i	-0.2081+0.0923i	-0.0791+0.0268i	-0.2312+0.0906i	56.1978-121.2147i	-61.5252+162.3807i	23.5203-67.2501i	-26.2135+70.8190i
25.5	-0.1768+0.1363i	-0.2087+0.1216i	-0.0760+0.0469i	-0.2291+0.1215i	51.6981-125.4920i	-55.5362+166.0952i	21.1490-68.8099i	-23.6262+72.3524i
25.6	-0.1548+0.1751i	-0.1917+0.1591i	-0.0632+0.0698i	-0.2164+0.1572i	43.1101-132.4234i	-45.3482+171.7381i	17.2483-71.7565i	-19.2403+74.6352i
25.7	-0.1204+0.2090i	-0.1584+0.1990i	-0.0393+0.0939i	-0.1912+0.1920i	33.7251-137.7761i	-34.7957+176.0515i	13.4630-74.1040i	-14.7616+76.4017i
25.8	-0.0838+0.2229i	-0.1208+0.2177i	-0.0122+0.0994i	-0.1641+0.2124i	23.6576-140.0176i	-23.7275+179.1007i	8.4119-74.9260i	-10.0568+77.6763i
25.9	-0.0572+0.2048i	-0.0860+0.1955i	0.0087+0.0779i	-0.1352+0.2073i	13.7042-136.3655i	-12.4654+175.9865i	3.5106-73.3449i	-5.2493+76.5151i
26.0	-0.0376+0.2034i	-0.0715+0.1944i	0.0196+0.0730i	-0.1193+0.2115i	6.7427-136.5584i	-4.2848+176.6675i	0.3177-73.4627i	-1.7869+76.8948i
26.1	-0.0076+0.2055i	-0.0442+0.1908i	0.0356+0.0683i	-0.0945+0.2158i	-4.3217-134.6835i	9.3549+175.0093i	-5.2077-72.3025i	4.1032+76.2525i
26.2	-0.0017+0.1970i	-0.0359+0.1778i	0.0393+0.0568i	-0.0906+0.2111i	-11.9486-132.5242i	19.7855+173.4449i	-9.1651-71.1149i	8.7285+75.7132i
26.3	0.0141+0.1915i	-0.0258+0.1710i	0.0486+0.0508i	-0.0819+0.2092i	-18.7639-129.7344i	29.2164+169.8360i	-12.4868-69.9062i	12.7743+74.2536i
26.4	0.0321+0.1813i	-0.0207+0.1609i	0.0532+0.0414i	-0.0684+0.2086i	-25.2624-123.4685i	37.5238+161.2448i	-15.8192-66.4757i	16.3779+70.4335i
26.5	0.0548+0.1746i	-0.0165+0.1597i	0.0618+0.0362i	-0.0565+0.2112i	-32.5037-119.2390i	47.0142+155.3568i	-19.4045-64.4945i	20.5866+67.9101i
26.6	0.0671+0.1740i	-0.0153+0.1596i	0.0655+0.0297i	-0.0517+0.2160i	-38.1113-116.4123i	54.6571+151.7817i	-22.2008-63.2566i	24.0209+66.3806i
26.7	0.0745+0.1721i	-0.0175+0.1634i	0.0639+0.0227i	-0.0468+0.2250i	-41.4805-111.0092i	59.6401+145.0424i	-23.8850-60.1319i	26.2270+63.4669i
26.8	0.0858+0.1484i	-0.0108+0.1607i	0.0674+0.0069i	-0.0351+0.2223i	-44.8621-105.1390i	63.6578+137.7228i	-25.8442-57.2060i	27.9816+60.3500i
26.9	0.0867+0.1290i	-0.0111+0.1587i	0.0624-0.0071i	-0.0271+0.2214i	-48.7951-97.8983i	69.1298+128.7625i	-27.9054-53.1343i	30.3337+56.5191i
27.0	0.0822+0.1185i	-0.0104+0.1605i	0.0551-0.0149i	-0.0205+0.2234i	-50.7810-92.9954i	72.6319+122.5085i	-29.1060-50.5860i	31.9760+53.8016i
27.1	0.0923+0.1123i	-0.0070+0.1638i	0.0521-0.0185i	-0.0069+0.2250i	-52.8040-87.8074i	75.4324+115.4029i	-30.1052-47.9818i	33.2426+50.7127i
27.2	0.1001+0.0995i	0.0027+0.1750i	0.0474-0.0248i	0.0128+0.2317i	-55.7420-80.6729i	79.5464+105.2553i	-31.6615-44.1909i	35.1102+46.2427i
27.3	0.1023+0.0877i	0.0174+0.1831i	0.0476-0.0312i	0.0255+0.2356i	-57.3145-76.1409i	81.7557+98.8727i	-32.5816-41.8486i	36.0865+43.4430i
27.4	0.1131+0.0848i	0.0294+0.1843i	0.0471-0.0340i	0.0430+0.2353i	-57.0758-70.3061i	81.0578+91.5700i	-32.5374-38.6708i	35.7981+40.2698i
27.5	0.1069+0.0762i	0.0437+0.1807i	0.0408-0.0397i	0.0561+0.2310i	-56.9230-65.9718i	81.0210+85.9163i	-32.3454-36.3945i	35.8160+37.8091i
27.6	0.1013+0.0589i	0.0631+0.1782i	0.0339-0.0454i	0.0751+0.2247i	-56.4475-61.1694i	80.6506+79.1872i	-32.2744-34.0381i	35.7140+34.8483i
27.7	0.0986+0.0588i	0.0729+0.1752i	0.0242-0.0423i	0.0888+0.2206i	-55.8224-57.5944i	79.9013+74.3631i	-31.8800-31.9219i	35.4293+32.7160i
27.8	0.0932+0.0550i	0.0851+0.1670i	0.0187-0.0429i	0.0991+0.2115i	-55.3133-54.0487i	79.1390+69.8473i	-31.5769-29.8839i	35.0943+30.7528i
27.9	0.0877+0.0438i	0.1003+0.1505i	0.0148-0.0468i	0.1117+0.1935i	-53.8798-48.9249i	77.2112+63.3566i	-30.7932-27.1101i	34.3075+27.9515i
28.0	0.0861+0.0406i	0.1105+0.1376i	0.0118-0.0480i	0.1207+0.1823i	-52.2630-45.5770i	75.5167+59.0678i	-29.9136-25.4209i	33.5883+26.1125i
28.1	0.0855+0.0428i	0.1171+0.1230i	0.0063-0.0476i	0.1315+0.1717i	-50.7930-42.7707i	74.0595+55.7155i	-29.1472-23.9390i	32.9677+24.6934i
28.2	0.0816+0.0366i	0.1162+0.1031i	-0.0020-0.0467i	0.1356+0.1505i	-48.8594-39.7340i	72.1372+51.6664i	-28.1371-22.2675i	32.1928+22.8681i
28.3	0.0781+0.0314i	0.1127+0.0930i	-0.0054-0.0467i	0.1329+0.1387i	-47.3208-37.8186i	70.8576+48.7769i	-27.4665-21.2479i	31.7140+21.6145i
28.4	0.0759+0.0305i	0.1086+0.0847i	-0.0073-0.0443i	0.1299+0.1302i	-44.9657-35.8961i	68.3760+45.5292i	-26.0727-20.2037i	30.6505+20.1577i
28.5	0.0720+0.0354i	0.1057+0.0733i	-0.0111-0.0430i	0.1279+0.1237i	-42.9693-34.5488i	66.0712+42.7898i	-24.9672-19.3995i	29.6753+18.8740i
28.6	0.0680+0.0377i	0.1038+0.0645i	-0.0159-0.0427i	0.1274+0.1181i	-41.1560-33.4809i	64.0606+40.5959i	-24.0969-18.8157i	28.8536+17.8714i
28.7	0.0633+0.0399i	0.1018+0.0587i	-0.0216-0.0403i	0.1273+0.1137i	-39.6793-32.8641i	62.5984+39.0589i	-23.3128-18.5246i	28.2479+17.2049i
28.8	0.0662+0.0441i	0.0970+0.0532i	-0.0251-0.0374i	0.1284+0.1107i	-38.3713-32.3709i	61.1354+37.2283i	-22.6682-18.2342i	27.6402+16.3822i
28.9	0.0736+0.0478i	0.0901+0.0488i	-0.0272-0.0327i	0.1294+0.1065i	-37.4220-32.0132i	59.6031+35.7387i	-22.2315-17.9515i	27.0190+15.6353i
29.0	0.0811+0.0471i	0.0841+0.0460i	-0.0286-0.0291i	0.1311+0.1011i	-36.7838-31.6386i	58.1420+34.4160i	-21.8756-17.6761i	26.3594+14.9950i
29.1	0.0827+0.0441i	0.0813+0.0412i	-0.0325-0.0259i	0.1335+0.0947i	-36.4628-31.1897i	57.0792+32.7979i	-21.7574-17.4756i	25.9084+14.2544i
29.2	0.0914+0.0406i	0.0800+0.0361i	-0.0325-0.0238i	0.1386+0.0882i	-36.2598-30.7693i	56.3851+30.9024i	-21.6933-17.2623i	25.6010+13.3843i
29.3	0.0962+0.0303i	0.0757+0.0336i	-0.0315-0.0218i	0.1402+0.0794i	-36.0816-30.0556i	54.5953+28.9501i	-21.5290-16.7887i	24.7586+12.4609i
29.4	0.0991+0.0243i	0.0713+0.0308i	-0.0331-0.0186i	0.1420+0.0721i	-36.3357-29.1156i	53.4789+27.0755i	-21.6662-16.1914i	24.2487+11.5967i
29.5	0.0980+0.0251i	0.0681+0.0277i	-0.0346-0.0143i	0.1414+0.0668i	-36.1963-28.1903i	52.5055+25.8244i	-21.6135-15.6009i	23.8087+11.0183i
29.6	0.0963+0.0190i	0.0641+0.0297i	-0.0348-0.0112i	0.1387+0.0611i	-35.6653-27.0990i	51.0041+24.8451i	-21.2380-14.9477i	23.1432+10.5949i
29.7	0.0984+0.0054i	0.0600+0.0305i	-0.0337-0.0102i	0.1386+0.0514i	-35.6041-25.8153i	49.2127+23.5771i	-21.1872-14.2807i	22.2828+10.0636i
29.8	0.1050+0.0029i	0.0550+0.0300i	-0.0324-0.0069i	0.1400+0.0464i	-35.4467-25.1246i	48.0439+22.6963i	-21.0896-13.8996i	21.7266+9.6674i
29.9	0.1029+0.0034i	0.0533+0.0292i	-0.0322-0.0040i	0.1377+0.0417i	-34.8843-24.1338i	47.1362+21.9523i	-20.7695-13.4009i	21.3411+9.3605i
30.0	0.1034+0.0007i	0.0496+0.0258i	-0.0303-0.0027i	0.1338+0.0346i	-34.1000-22.8443i	45.6157+21.2451i	-20.3423-12.7010i	20.6964+9.0756i
30.1	0.1036-0.0088i	0.0460+0.0263i	-0.0296-0.0024i	0.1311+0.0269i	-33.7509-21.5344i	44.7257+20.2634i	-20.2083-12.0004i	20.3406+8.7031i
30.2	0.1038-0.0155i	0.0399+0.0281i	-0.0285-0.0003i	0.1267+0.0212i	-33.0030-20.3737i	43.6862+19.3154i	-19.8737-11.3810i	19.8986+8.3259i
30.3	0.1037-0.0203i	0.0361+0.0319i	-0.0271+0.0017i	0.1227+0.0181i	-32.2929-19.6444i	42.8011+18.5555i	-19.4798-10.9235i	19.5310+8.0006i
30.4	0.0987-0.0302i	0.0360+0.0378i	-0.0259+0.0019i	0.1188+0.0146i	-31.5297-18.8376i	41.6055+17.9516i	-19.0451-10.5080i	19.0418+7.7353i
30.5	0.0936-0.0335i	0.0385+0.0405i	-0.0248+0.0032i	0.1159+0.0118i	-30.8585-18.0916i	40.6224+17.4437i	-18.7214-10.0971i	18.6302+7.5288i
30.6	0.0866-0.0388i	0.0437+0.0421i	-0.0237+0.0041i	0.1128+0.0072i	-30.3094-17.1985i	39.9264+16.7520i	-18.5073-9.5932i	18.3743+7.2680i
30.7	0.0869-0.0403i	0.0435+0.0399i	-0.0215+0.0041i	0.1101+0.0049i	-29.6163-16.5808i	39.1373+16.2436i	-18.1487-9.2488i	18.0809+7.0622i
30.8	0.0863-0.0445i	0.0429+0.0393i	-0.0201+0.0036i	0.1074+0.0019i	-28.9367-15.9350i	38.4514+15.6729i	-17.8685-8.9070i	17.8409+6.8019i

30.9	0.0807-0.0509i	0.0439+0.0399i	-0.0196+0.0029i	0.1038-0.0010i	-28.2508-15.4598i	37.6216+15.0935i	-17.4435-8.5961i	17.4975+6.5143i
31.0	0.0819-0.0550i	0.0423+0.0392i	-0.0183+0.0027i	0.1013-0.0033i	-27.6257-15.0729i	36.8993+14.5068i	-17.1201-8.3599i	17.2249+6.2483i
31.1	0.0792-0.0593i	0.0417+0.0363i	-0.0172+0.0014i	0.0981-0.0065i	-26.9666-14.4935i	36.1627+13.7617i	-16.8006-8.0309i	16.9626+5.8950i
31.2	0.0724-0.0608i	0.0413+0.0339i	-0.0172+0.0011i	0.0933-0.0085i	-26.2742-13.6525i	35.2663+12.8213i	-16.4978-7.5632i	16.6446+5.4952i
31.3	0.0686-0.0610i	0.0402+0.0315i	-0.0173+0.0005i	0.0906-0.0092i	-25.7412-13.2493i	34.5545+12.2697i	-16.2188-7.2683i	16.3790+5.2122i
31.4	0.0646-0.0658i	0.0383+0.0312i	-0.0178-0.0012i	0.0873-0.0108i	-25.0490-12.8469i	33.7631+11.7633i	-15.9097-7.0008i	16.0685+4.9555i
31.5	0.0638-0.0661i	0.0344+0.0312i	-0.0181-0.0015i	0.0843-0.0107i	-24.2461-12.5460i	32.8497+11.3650i	-15.5202-6.7863i	15.7021+4.7248i
31.6	0.0598-0.0678i	0.0312+0.0298i	-0.0190-0.0017i	0.0808-0.0125i	-23.5982-11.9488i	31.9666+10.6189i	-15.1877-6.4292i	15.3757+4.4081i
31.7	0.0532-0.0701i	0.0304+0.0302i	-0.0202-0.0014i	0.0772-0.0136i	-23.0660-11.5036i	31.1634+10.0714i	-14.9504-6.1731i	15.0855+4.1533i
31.8	0.0475-0.0734i	0.0282+0.0323i	-0.0211-0.0020i	0.0735-0.0142i	-22.3646-11.1424i	30.1655+9.5605i	-14.6521-5.9147i	14.7299+3.8492i
31.9	0.0443-0.0778i	0.0257+0.0343i	-0.0216-0.0022i	0.0705-0.0152i	-21.8080-10.8895i	29.3785+9.1938i	-14.4047-5.7368i	14.4533+3.6821i
32.0	0.0417-0.0786i	0.0226+0.0336i	-0.0220-0.0028i	0.0673-0.0161i	-21.2185-10.5669i	28.5559+8.7483i	-14.1535-5.5202i	14.1772+3.4774i
32.1	0.0359-0.0797i	0.0209+0.0357i	-0.0229-0.0022i	0.0632-0.0163i	-20.6146-10.2023i	27.7081+8.2792i	-13.8972-5.3187i	13.8735+3.2784i
32.2	0.0326-0.0769i	0.0189+0.0368i	-0.0231-0.0013i	0.0599-0.0151i	-19.8181-9.8647i	26.6604+7.9726i	-13.5944-5.0991i	13.5159+3.0813i
32.3	0.0322-0.0753i	0.0166+0.0367i	-0.0227-0.0013i	0.0578-0.0142i	-19.2017-9.6705i	25.8760+7.7241i	-13.3882-4.9336i	13.2881+2.9216i
32.4	0.0280-0.0753i	0.0152+0.0389i	-0.0232-0.0007i	0.0552-0.0131i	-18.6794-9.4773i	25.1314+7.4603i	-13.1817-4.7281i	13.0768+2.7513i
32.5	0.0214-0.0760i	0.0138+0.0420i	-0.0240-0.0008i	0.0507-0.0112i	-17.9881-9.2355i	24.1362+7.1144i	-12.9766-4.5179i	12.8412+2.5058i
32.6	0.0213-0.0737i	0.0111+0.0409i	-0.0230-0.0015i	0.0478-0.0099i	-17.1793-9.0507i	22.9841+6.8642i	-12.6944-4.3176i	12.4843+2.2798i
32.7	0.0207-0.0703i	0.0081+0.0417i	-0.0229-0.0012i	0.0450-0.0073i	-16.6583-8.7959i	22.1389+6.6351i	-12.5556-4.0332i	12.2632+2.0303i
32.8	0.0163-0.0699i	0.0054+0.0436i	-0.0238-0.0022i	0.0409-0.0054i	-16.0777-8.5686i	21.2669+6.4803i	-12.4107-3.7564i	12.0432+1.8449i
32.9	0.0194-0.0672i	0.0011+0.0449i	-0.0231-0.0040i	0.0387-0.0012i	-15.3099-8.3804i	20.2859+6.3860i	-12.2471-3.3938i	11.8710+1.5898i
33.0	0.0197-0.0649i	-0.0028+0.0444i	-0.0231-0.0066i	0.0367+0.0024i	-14.6346-8.1275i	19.3442+6.2088i	-12.1827-2.9371i	11.7284+1.2128i
33.1	0.0179-0.0642i	-0.0098+0.0463i	-0.0247-0.0099i	0.0337+0.0072i	-13.8695-7.9601i	18.2325+6.3174i	-12.0674-2.4483i	11.4863+0.8726i
33.2	0.0268-0.0627i	-0.0176+0.0483i	-0.0248-0.0153i	0.0332+0.0148i	-12.6699-7.6141i	16.8953+6.2698i	-11.7309-1.6479i	11.2164+0.2626i
33.3	0.0418-0.0713i	-0.0279+0.0564i	-0.0265-0.0226i	0.0366+0.0234i	-11.2435-7.6197i	15.4155+6.5686i	-11.0737-0.7896i	10.7329-0.3739i
33.4	0.0479-0.0829i	-0.0405+0.0671i	-0.0344-0.0296i	0.0393+0.0315i	-9.7949-7.7920i	13.9210+7.2431i	-10.2457+0.1000i	10.0530-0.9694i
33.5	0.0474-0.1005i	-0.0500+0.0854i	-0.0485-0.0371i	0.0471+0.0406i	-8.0458-8.5554i	12.5203+8.3987i	-8.9436+0.9969i	9.1903-1.7292i
33.6	0.0408-0.1156i	-0.0504+0.1072i	-0.0636-0.0377i	0.0586+0.0462i	-6.5862-9.8956i	11.9437+10.0255i	-7.3653+1.3670i	8.2604-2.0384i
33.7	0.0301-0.1261i	-0.0436+0.1279i	-0.0783-0.0294i	0.0715+0.0452i	-5.8098-11.8260i	12.0662+11.4609i	-5.6117+0.8492i	7.1645-1.9644i
33.8	0.0089-0.1323i	-0.0367+0.1458i	-0.0986-0.0146i	0.0849+0.0405i	-5.7529-14.4675i	12.4081+12.6347i	-3.7984-0.3511i	5.6070-1.7651i
33.9	-0.0082-0.1322i	-0.0265+0.1730i	-0.1105+0.0116i	0.0956+0.0330i	-7.0288-16.8770i	12.9806+13.5134i	-2.7372-2.0396i	4.0976-1.0179i
34.0	-0.0116-0.1309i	-0.0128+0.1829i	-0.1061+0.0271i	0.0992+0.0244i	-8.5170-17.3793i	13.4829+13.5857i	-2.8971-3.1587i	3.6975-0.2472i
34.1	-0.0093-0.1242i	0.0034+0.1963i	-0.0966+0.0476i	0.1031+0.0154i	-10.2448-17.1957i	14.0106+13.7587i	-3.2068-4.1659i	3.2923+0.8829i
34.2	-0.0082-0.1249i	0.0208+0.2100i	-0.0883+0.0623i	0.1086+0.0076i	-11.2690-16.9915i	14.4670+14.0865i	-3.2736-4.8422i	2.9826+1.8047i
34.3	-0.0112-0.1320i	0.0499+0.2163i	-0.0730+0.0703i	0.1108-0.0042i	-11.8841-16.3283i	14.9914+14.0482i	-3.5178-5.3530i	3.0996+2.6148i
34.4	-0.0177-0.1425i	0.0706+0.2146i	-0.0627+0.0722i	0.1088-0.0153i	-12.0136-15.9008i	15.1885+13.7690i	-3.6632-5.6954i	3.2716+3.0203i
34.5	-0.0257-0.1535i	0.0914+0.2121i	-0.0538+0.0716i	0.1082-0.0234i	-11.9414-15.6408i	15.3702+13.4044i	-3.7052-6.0182i	3.5225+3.2980i
34.6	-0.0353-0.1664i	0.1106+0.2086i	-0.0464+0.0701i	0.1077-0.0334i	-11.8431-15.6135i	15.5366+13.1191i	-3.7705-6.3845i	3.7165+3.5190i
34.7	-0.0446-0.1783i	0.1251+0.2042i	-0.0403+0.0673i	0.1049-0.0423i	-11.5951-15.7342i	15.4083+12.9161i	-3.7847-6.7032i	3.8364+3.6526i
34.8	-0.0670-0.1897i	0.1433+0.1986i	-0.0373+0.0661i	0.0994-0.0517i	-11.6059-16.0356i	15.2210+12.6242i	-3.8721-7.0762i	3.8462+3.6851i
34.9	-0.0865-0.1974i	0.1568+0.1919i	-0.0349+0.0636i	0.0923-0.0582i	-11.6117-16.1568i	14.9548+12.2392i	-4.0737-7.2872i	3.8333+3.6531i
35.0	-0.1106-0.1999i	0.1659+0.1793i	-0.0341+0.0597i	0.0821-0.0635i	-11.8726-16.3121i	14.5173+11.9153i	-4.2778-7.5551i	3.7128+3.6607i
35.1	-0.1320-0.1996i	0.1719+0.1676i	-0.0339+0.0580i	0.0720-0.0688i	-12.2854-16.4462i	14.1505+11.7043i	-4.6068-7.8143i	3.6125+3.7052i
35.2	-0.1625-0.1976i	0.1778+0.1645i	-0.0376+0.0600i	0.0599-0.0715i	-12.8359-16.5472i	13.6371+11.7027i	-4.9832-8.0018i	3.3813+3.8082i
35.3	-0.1917-0.1914i	0.1808+0.1625i	-0.0417+0.0621i	0.0483-0.0724i	-13.3708-16.5963i	13.0587+11.7978i	-5.3706-8.1464i	3.1341+3.9470i
35.4	-0.2181-0.1732i	0.1829+0.1557i	-0.0435+0.0662i	0.0356-0.0689i	-14.1195-16.3754i	12.5712+12.0383i	-5.8395-8.1433i	2.9037+4.2255i
35.5	-0.2412-0.1523i	0.1958+0.1565i	-0.0426+0.0735i	0.0293-0.0632i	-14.4231-15.9251i	12.1782+12.4622i	-6.0195-8.0119i	2.7335+4.5665i
35.6	-0.2580-0.1342i	0.2064+0.1531i	-0.0402+0.0780i	0.0229-0.0596i	-14.7010-15.5728i	11.9960+12.8011i	-6.2004-7.9660i	2.7013+4.8369i
35.7	-0.2769-0.1106i	0.2135+0.1459i	-0.0397+0.0825i	0.0152-0.0539i	-15.1275-15.1256i	11.8633+13.1337i	-6.4775-7.8607i	2.6572+5.1343i
35.8	-0.2967-0.0909i	0.2205+0.1532i	-0.0399+0.0910i	0.0075-0.0457i	-15.6220-14.6489i	11.6518+13.6387i	-6.8045-7.6080i	2.5725+5.5131i
35.9	-0.3073-0.0548i	0.2368+0.1584i	-0.0334+0.1022i	0.0049-0.0317i	-15.7276-13.7082i	11.7986+14.1479i	-6.9088-7.1412i	2.7058+5.9296i
36.0	-0.3113-0.0250i	0.2531+0.1513i	-0.0254+0.1078i	0.0055-0.0234i	-15.8243-12.9512i	12.0711+14.2788i	-7.0188-6.8232i	2.8932+6.1190i
36.1	-0.3095-0.0023i	0.2694+0.1487i	-0.0175+0.1132i	0.0094-0.0165i	-15.6820-12.3193i	12.2294+14.4138i	-6.9744-6.5580i	3.0481+6.2938i
36.2	-0.3069+0.0258i	0.2962+0.1446i	-0.0043+0.1184i	0.0144-0.0073i	-15.1630-11.4744i	12.4133+14.5856i	-6.7695-6.1655i	3.2616+6.5152i
36.3	-0.3047+0.0494i	0.3206+0.1240i	0.0077+0.1176i	0.0195-0.0061i	-14.8718-10.9915i	12.8332+14.4575i	-6.6996-5.9819i	3.5813+6.5093i
36.4	-0.3005+0.0672i	0.3434+0.1050i	0.0190+0.1147i	0.0256-0.0054i	-14.3919-10.5157i	13.0217+14.1820i	-6.4900-5.7647i	3.7774+6.4715i
36.5	-0.2943+0.0808i	0.3554+0.0773i	0.0263+0.1069i	0.0295-0.0083i	-13.7171-10.2862i	12.8785+13.8228i	-6.1767-5.6823i	3.8204+6.3278i
36.6	-0.2968+0.0917i	0.3723+0.0614i	0.0328+0.1040i	0.0314-0.0085i	-13.2064-10.1533i	12.8740+13.6807i	-5.9579-5.6577i	3.8954+6.2831i
36.7	-0.3058+0.1096i	0.3924+0.0385i	0.0385+0.1005i	0.0327-0.0089i	-12.8340-10.0702i	12.7562+13.5909i	-5.7782-5.6303i	3.9059+6.2511i
36.8	-0.3093+0.1319i	0.4051+0.0116i	0.0423+0.0966i	0.0343-0.0095i	-12.4331-10.0481i	12.5308+13.4829i	-5.5980-5.6276i	3.8755+6.2000i
36.9	-0.3162+0.1606i	0.4225-0.0214i	0.0479+0.0931i	0.0356-0.0104i	-12.0826-10.0604i	12.3730+13.4904i	-5.4162-5.6954i	3.8642+6.2550i
37.0	-0.3136+0.1939i	0.4287-0.0551i	0.0516+0.0909i	0.0370-0.0098i	-11.7175-10.0096i	12.2274+13.5399i	-5.2392-5.7087i	3.8554+6.2996i
37.1	-0.3087+0.2165i	0.4333-0.0866i	0.0552+0.0860i	0.0400-0.0112i	-11.2504-10.1141i	11.9595+13.6079i	-4.9712-5.8202i	3.7618+6.3533i

37.2	-0.2986+0.2466i	0.4298-0.1254i	0.0571+0.0811i	0.0408-0.0117i	-10.8317-10.2394i	11.6750+13.6943i	-4.7818-5.9361i	3.6924+6.4141i
37.3	-0.2935+0.2836i	0.4277-0.1661i	0.0590+0.0781i	0.0400-0.0129i	-10.6270-10.2506i	11.4883+13.6831i	-4.7072-5.9470i	3.6554+6.4295i
37.4	-0.2853+0.3316i	0.4266-0.2126i	0.0618+0.0771i	0.0405-0.0126i	-10.2311-10.3841i	11.1809+13.9583i	-4.5148-6.0613i	3.5494+6.5859i
37.5	-0.2555+0.3807i	0.4105-0.2626i	0.0667+0.0752i	0.0444-0.0124i	-9.8416-10.6857i	10.9354+14.4470i	-4.3261-6.3625i	3.4922+6.8625i
37.6	-0.2298+0.4158i	0.3930-0.2985i	0.0698+0.0739i	0.0454-0.0119i	-9.6366-10.7390i	10.8692+14.6663i	-4.2483-6.4438i	3.5004+6.9835i
37.7	-0.1841+0.4600i	0.3648-0.3452i	0.0754+0.0718i	0.0489-0.0126i	-9.1933-11.0106i	10.8211+15.0998i	-4.0610-6.5946i	3.5481+7.2163i
37.8	-0.1229+0.4873i	0.3142-0.3852i	0.0793+0.0656i	0.0494-0.0156i	-9.0811-11.2267i	10.9212+15.2863i	-4.0387-6.7644i	3.6505+7.3047i
37.9	-0.0539+0.5142i	0.2609-0.4277i	0.0845+0.0594i	0.0518-0.0195i	-8.9992-11.6524i	11.1926+15.6500i	-4.0464-7.1122i	3.8581+7.4773i
38.0	0.0182+0.5410i	0.2062-0.4732i	0.0901+0.0515i	0.0548-0.0246i	-8.7644-12.2875i	11.3146+16.1509i	-3.9492-7.5072i	3.9811+7.7210i
38.1	0.0906+0.5346i	0.1384-0.4922i	0.0912+0.0424i	0.0535-0.0313i	-8.7821-12.7962i	11.5164+16.2748i	-4.0087-7.7917i	4.1331+7.7286i
38.2	0.1657+0.5078i	0.0568-0.4857i	0.0894+0.0357i	0.0490-0.0361i	-9.1497-13.2262i	11.8814+16.4948i	-4.2791-8.0949i	4.3168+7.8261i
38.3	0.2181+0.4657i	-0.0010-0.4515i	0.0872+0.0321i	0.0455-0.0356i	-9.3496-13.4898i	12.0830+16.8428i	-4.4315-8.2653i	4.4268+8.0242i
38.4	0.2794+0.4243i	-0.0668-0.4148i	0.0857+0.0301i	0.0420-0.0337i	-9.5733-13.7562i	12.3039+17.2454i	-4.6437-8.4603i	4.5714+8.2571i
38.5	0.3139+0.3705i	-0.1024-0.3653i	0.0857+0.0287i	0.0409-0.0325i	-9.7160-13.8907i	12.5183+17.4293i	-4.7788-8.5737i	4.6903+8.3432i
38.6	0.3585+0.3319i	-0.1420-0.3334i	0.0885+0.0260i	0.0401-0.0327i	-9.9732-14.1598i	13.0108+17.7672i	-5.0064-8.7672i	4.9656+8.5295i
38.7	0.3787+0.2691i	-0.1589-0.2797i	0.0909+0.0222i	0.0398-0.0321i	-10.3986-14.3098i	13.6496+17.9372i	-5.3267-8.8801i	5.3240+8.6138i
38.8	0.3912+0.2089i	-0.1658-0.2255i	0.0937+0.0197i	0.0404-0.0305i	-10.6249-14.3020i	14.1741+18.0700i	-5.5477-8.9131i	5.6246+8.6894i
38.9	0.3999+0.1473i	-0.1696-0.1790i	0.0962+0.0132i	0.0421-0.0320i	-10.9228-14.4371i	14.8197+18.0655i	-5.7857-8.9965i	5.9777+8.6780i
39.0	0.3922+0.1042i	-0.1554-0.1493i	0.0991+0.0074i	0.0447-0.0336i	-11.2036-14.6512i	15.5394+18.1398i	-6.0217-9.1611i	6.3635+8.7076i
39.1	0.3801+0.0642i	-0.1395-0.1201i	0.1008+0.0027i	0.0468-0.0345i	-11.4868-14.5829i	16.1161+17.9797i	-6.2324-9.0986i	6.6879+8.6423i
39.2	0.3668+0.0193i	-0.1278-0.0972i	0.1012-0.0060i	0.0468-0.0382i	-11.8437-14.4503i	16.6655+17.4465i	-6.5085-8.9459i	6.9986+8.3535i
39.3	0.3466-0.0189i	-0.1076-0.0860i	0.1017-0.0170i	0.0483-0.0442i	-12.1155-14.5128i	17.2686+17.0725i	-6.7616-8.9914i	7.3284+8.1345i
39.4	0.3363-0.0540i	-0.0993-0.0702i	0.1014-0.0251i	0.0477-0.0479i	-12.4010-14.5584i	17.6886+16.7204i	-6.9763-8.9954i	7.5588+7.9413i
39.5	0.3105-0.0826i	-0.0844-0.0637i	0.0977-0.0343i	0.0447-0.0532i	-12.8538-14.6875i	18.1265+16.3640i	-7.2854-8.9872i	7.7966+7.7641i
39.6	0.2884-0.1126i	-0.0711-0.0552i	0.0945-0.0438i	0.0439-0.0580i	-13.3945-14.6256i	18.7240+15.8896i	-7.6633-8.9559i	8.0832+7.5115i
39.7	0.2710-0.1537i	-0.0621-0.0418i	0.0915-0.0542i	0.0433-0.0645i	-13.6089-14.3470i	18.9781+15.1572i	-7.8393-8.7857i	8.2123+7.1209i
39.8	0.2348-0.1961i	-0.0512-0.0350i	0.0826-0.0674i	0.0369-0.0733i	-14.0178-14.4542i	19.3551+14.6026i	-8.1457-8.8264i	8.4041+6.7973i
39.9	0.1821-0.2117i	-0.0416-0.0401i	0.0674-0.0765i	0.0247-0.0787i	-14.7344-14.3952i	19.6011+14.0325i	-8.6131-8.7577i	8.5140+6.4926i
40.0	0.1394-0.2189i	-0.0362-0.0430i	0.0542-0.0815i	0.0147-0.0803i	-15.3911-14.1024i	19.7060+13.3718i	-9.0230-8.5561i	8.5140+6.1333i
40.1	0.1017-0.2162i	-0.0322-0.0441i	0.0417-0.0825i	0.0061-0.0789i	-15.9748-13.6812i	19.8561+12.7548i	-9.3963-8.2450i	8.5615+5.8494i
40.2	0.0598-0.2077i	-0.0290-0.0414i	0.0275-0.0796i	-0.0038-0.0751i	-16.4836-13.0217i	19.8842+12.1041i	-9.7096-7.7953i	8.5657+5.5511i
40.3	0.0352-0.1960i	-0.0274-0.0365i	0.0195-0.0743i	-0.0096-0.0692i	-16.6630-12.4374i	19.7531+11.7406i	-9.8325-7.4690i	8.4958+5.4191i
40.4	0.0057-0.1791i	-0.0266-0.0325i	0.0091-0.0691i	-0.0158-0.0627i	-16.9053-11.6914i	19.6286+11.1437i	-9.9736-7.0063i	8.4098+5.1484i
40.5	-0.0174-0.1639i	-0.0183-0.0253i	0.0030-0.0626i	-0.0191-0.0559i	-16.9853-11.1641i	19.5316+10.6932i	-10.0201-6.6500i	8.3693+4.9323i
40.6	-0.0386-0.1474i	-0.0043-0.0288i	-0.0004-0.0583i	-0.0202-0.0520i	-17.0581-10.5882i	19.5179+10.1092i	-10.0644-6.2558i	8.3755+4.6631i
40.7	-0.0528-0.1299i	0.0037-0.0355i	-0.0032-0.0541i	-0.0210-0.0493i	-16.9725-10.2085i	19.3695+9.8209i	-9.9868-6.0032i	8.3210+4.5418i
40.8	-0.0691-0.1148i	0.0064-0.0340i	-0.0090-0.0492i	-0.0240-0.0444i	-16.9696-9.6019i	19.1167+9.3327i	-10.0117-5.6497i	8.2043+4.3035i
40.9	-0.0764-0.0925i	0.0086-0.0404i	-0.0115-0.0450i	-0.0249-0.0401i	-16.9306-9.1281i	18.9826+8.8986i	-10.0164-5.2798i	8.1411+4.1146i
41.0	-0.0798-0.0725i	0.0071-0.0454i	-0.0138-0.0400i	-0.0259-0.0355i	-16.9120-8.5928i	18.8845+8.4838i	-10.0084-4.9494i	8.0889+3.9454i
41.1	-0.0794-0.0551i	0.0028-0.0473i	-0.0163-0.0354i	-0.0271-0.0313i	-16.8041-8.0796i	18.6144+8.0453i	-9.9021-4.6381i	7.9623+3.7414i
41.2	-0.0825-0.0377i	0.0032-0.0513i	-0.0179-0.0311i	-0.0270-0.0276i	-16.5766-7.6987i	18.3127+7.7680i	-9.7464-4.4718i	7.8198+3.6021i
41.3	-0.0780-0.0165i	0.0023-0.0532i	-0.0178-0.0247i	-0.0252-0.0228i	-16.3529-7.2721i	18.1320+7.4497i	-9.6534-4.1850i	7.7478+3.4716i
41.4	-0.0641-0.0083i	0.0005-0.0505i	-0.0144-0.0206i	-0.0215-0.0203i	-16.0258-6.8981i	17.8668+7.0992i	-9.4827-3.9125i	7.6343+3.3200i
41.5	-0.0634-0.0064i	-0.0019-0.0468i	-0.0151-0.0182i	-0.0224-0.0182i	-15.8706-6.6710i	17.6535+6.8965i	-9.4054-3.7626i	7.5520+3.2301i
41.6	-0.0616+0.0046i	0.0077-0.0438i	-0.0124-0.0133i	-0.0186-0.0139i	-15.6377-6.2215i	17.3837+6.6109i	-9.2524-3.4850i	7.4263+3.1167i
41.7	-0.0609+0.0094i	0.0144-0.0499i	-0.0108-0.0134i	-0.0161-0.0146i	-15.3549-5.9517i	17.1747+6.3406i	-9.0590-3.2693i	7.3537+2.9781i
41.8	-0.0616+0.0193i	0.0109-0.0581i	-0.0127-0.0129i	-0.0184-0.0146i	-14.9986-5.7585i	16.8184+6.2498i	-8.8382-3.1835i	7.2085+2.9794i
41.9	-0.0617+0.0275i	0.0063-0.0528i	-0.0141-0.0087i	-0.0197-0.0099i	-14.8694-5.5361i	16.5811+6.1085i	-8.7606-3.1287i	7.0939+2.9334i
42.0	-0.0548+0.0368i	0.0023-0.0529i	-0.0134-0.0057i	-0.0184-0.0070i	-14.7943-5.3526i	16.5109+5.9647i	-8.7203-3.0639i	7.0750+2.8528i
42.1	-0.0441+0.0433i	-0.0027-0.0580i	-0.0122-0.0049i	-0.0157-0.0069i	-14.5186-5.1614i	16.2833+5.7253i	-8.5496-2.8930i	6.9702+2.7254i
42.2	-0.0399+0.0531i	-0.0065-0.0553i	-0.0122-0.0004i	-0.0155-0.0025i	-14.2260-4.8861i	15.9606+5.4963i	-8.3833-2.7183i	6.8205+2.6157i
42.3	-0.0254+0.0627i	-0.0076-0.0517i	-0.0079+0.0039i	-0.0114+0.0018i	-14.0629-4.6657i	15.8835+5.3511i	-8.2975-2.5543i	6.8197+2.5714i
42.4	-0.0126+0.0559i	-0.0085-0.0463i	-0.0047+0.0030i	-0.0079+0.0014i	-13.7705-4.5326i	15.7228+5.2706i	-8.1462-2.4640i	6.7750+2.5500i
42.5	-0.0063+0.0527i	-0.0085-0.0440i	-0.0030+0.0024i	-0.0058+0.0011i	-13.5986-4.4384i	15.5692+5.1511i	-7.9990-2.3920i	6.7204+2.4868i
42.6	0.0007+0.0474i	-0.0095-0.0413i	-0.0013+0.0020i	-0.0029-0.0001i	-13.4837-4.3567i	15.4111+4.9971i	-7.9029-2.3885i	6.6326+2.4022i
42.7	0.0009+0.0460i	-0.0054-0.0405i	-0.0003+0.0023i	-0.0019-0.0002i	-13.1520-4.3297i	15.1105+4.9422i	-7.7278-2.3107i	6.5039+2.3867i
42.8	0.0010+0.0454i	-0.0052-0.0413i	-0.0002+0.0015i	-0.0020-0.0011i	-13.1081-4.2334i	14.9990+4.7361i	-7.6703-2.2808i	6.4636+2.2758i
42.9	0.0006+0.0489i	-0.0006-0.0423i	0.0008+0.0029i	-0.0001-0.0003i	-12.8979-4.1765i	14.7198+4.6614i	-7.5697-2.2078i	6.3270+2.2522i
43.0	0.0104+0.0477i	0.0003-0.0441i	0.0041+0.0022i	0.0033-0.0006i	-12.6285-4.0765i	14.6001+4.5258i	-7.3797-2.1104i	6.2995+2.1971i
43.1	0.0155+0.0404i	-0.0033-0.0433i	0.0041+0.0001i	0.0040-0.0027i	-12.4527-3.9434i	14.4792+4.3536i	-7.3185-2.0990i	6.2421+2.1018i
43.2	0.0154+0.0347i	-0.0037-0.0414i	0.0038-0.0009i	0.0040-0.0036i	-12.3348-3.8787i	14.2460+4.2456i	-7.2608-2.0960i	6.1258+2.0504i
43.3	0.0126+0.0368i	-0.0020-0.0450i	0.0032-0.0016i	0.0048-0.0042i	-12.2596-3.7813i	14.0740+4.1394i	-7.2001-1.9793i	6.0593+1.9754i
43.4	0.0161+0.0367i	-0.0037-0.0446i	0.0030-0.0015i	0.0059-0.0040i	-12.1016-3.7001i	13.9343+4.0401i	-7.1047-1.9211i	6.0159+1.9396i

43.5	0.0207+0.0328i	-0.0068-0.0396i	0.0029-0.0013i	0.0059-0.0043i	-11.9242-3.6297i	13.8194+3.9409i	-7.0113-1.8974i	5.9870+1.8965i
43.6	0.0225+0.0300i	-0.0070-0.0360i	0.0039-0.0007i	0.0068-0.0047i	-11.8241-3.5192i	13.6903+3.7952i	-6.9295-1.8040i	5.9499+1.8087i
43.7	0.0208+0.0247i	-0.0040-0.0339i	0.0041-0.0011i	0.0070-0.0051i	-11.6738-3.4524i	13.3968+3.6947i	-6.8413-1.8091i	5.7927+1.7594i
43.8	0.0178+0.0254i	-0.0014-0.0367i	0.0039-0.0017i	0.0069-0.0051i	-11.5621-3.3957i	13.1720+3.6970i	-6.7507-1.8260i	5.6800+1.7608i
43.9	0.0212+0.0288i	-0.0037-0.0392i	0.0039-0.0016i	0.0077-0.0045i	-11.4657-3.3279i	13.0435+3.6445i	-6.6795-1.7284i	5.6275+1.7507i
44.0	0.0231+0.0249i	-0.0058-0.0397i	0.0033-0.0029i	0.0077-0.0069i	-11.3245-3.2712i	12.9405+3.5281i	-6.5917-1.6974i	5.5912+1.6910i
44.1	0.0234+0.0246i	-0.0104-0.0357i	0.0013-0.0014i	0.0063-0.0058i	-11.2097-3.1205i	12.7860+3.3844i	-6.5474-1.6254i	5.5062+1.6163i
44.2	0.0302+0.0204i	-0.0043-0.0314i	0.0058-0.0005i	0.0108-0.0059i	-10.9784-3.1178i	12.6650+3.3868i	-6.3974-1.5893i	5.4796+1.6248i
44.3	0.0277+0.0095i	-0.0002-0.0339i	0.0065-0.0048i	0.0116-0.0099i	-10.7984-3.1451i	12.5276+3.2734i	-6.2920-1.5736i	5.4381+1.5455i
44.4	0.0193+0.0034i	0.0009-0.0383i	0.0039-0.0087i	0.0091-0.0135i	-10.7100-3.1192i	12.3045+3.2400i	-6.2358-1.5881i	5.3299+1.5372i
44.5	0.0090+0.0087i	-0.0001-0.0387i	-0.0005-0.0066i	0.0055-0.0125i	-10.6329-3.0797i	12.0597+3.2170i	-6.2294-1.5516i	5.1769+1.5566i
44.6	0.0093+0.0122i	-0.0018-0.0342i	-0.0010-0.0030i	0.0049-0.0100i	-10.5400-2.9223i	11.8805+3.1047i	-6.1443-1.4793i	5.0870+1.5039i
44.7	0.0089+0.0110i	0.0018-0.0365i	0.0003-0.0046i	0.0064-0.0111i	-10.3679-2.8660i	11.6674+3.0213i	-5.9959-1.4106i	4.9919+1.4602i
44.8	0.0082+0.0089i	-0.0002-0.0435i	-0.0010-0.0074i	0.0062-0.0147i	-10.3131-2.8860i	11.5233+2.9809i	-5.9372-1.4924i	4.9234+1.4113i
44.9	0.0051+0.0143i	-0.0080-0.0423i	-0.0051-0.0045i	0.0022-0.0124i	-10.2270-2.7541i	11.3428+2.9325i	-5.9120-1.4223i	4.8374+1.3969i
45.0	0.0054+0.0174i	-0.0110-0.0378i	-0.0064-0.0014i	0.0007-0.0102i	-10.1634-2.6876i	11.1828+2.9764i	-5.8673-1.3520i	4.7522+1.4493i
45.1	0.0085+0.0155i	-0.0083-0.0307i	-0.0037+0.0011i	0.0036-0.0089i	-9.9822-2.5710i	11.0368+2.9443i	-5.7771-1.3071i	4.6770+1.4381i
45.2	0.0068+0.0120i	-0.0077-0.0310i	-0.0039-0.0001i	0.0031-0.0103i	-9.8377-2.5773i	10.8953+2.9225i	-5.6341-1.2912i	4.6233+1.4402i
45.3	0.0062+0.0099i	-0.0073-0.0293i	-0.0037+0.0006i	0.0034-0.0107i	-9.6663-2.5327i	10.7605+2.9211i	-5.5441-1.2855i	4.5664+1.4544i
45.4	0.0039+0.0106i	-0.0038-0.0318i	-0.0033+0.0005i	0.0032-0.0122i	-9.5281-2.5000i	10.6334+2.9037i	-5.4761-1.2759i	4.5067+1.4358i
45.5	-0.0001+0.0115i	-0.0024-0.0352i	-0.0035-0.0005i	0.0022-0.0125i	-9.4269-2.5531i	10.4928+2.9466i	-5.4390-1.3310i	4.4194+1.4735i
45.6	-0.0040+0.0125i	-0.0050-0.0335i	-0.0062+0.0013i	0.0006-0.0118i	-9.3835-2.5272i	10.3538+2.9130i	-5.4046-1.2860i	4.3640+1.4684i
45.7	-0.0072+0.0149i	-0.0066-0.0305i	-0.0075+0.0040i	-0.0013-0.0101i	-9.2761-2.4262i	10.2021+2.9142i	-5.3241-1.2880i	4.3138+1.4926i
45.8	-0.0116+0.0213i	-0.0059-0.0288i	-0.0084+0.0065i	-0.0027-0.0074i	-9.1362-2.3608i	10.0805+2.9285i	-5.2642-1.2398i	4.2685+1.5052i
45.9	-0.0059+0.0301i	-0.0044-0.0210i	-0.0053+0.0129i	-0.0005-0.0026i	-8.9931-2.2466i	9.9586+2.9677i	-5.2166-1.1401i	4.2122+1.5319i
46.0	0.0032+0.0326i	0.0027-0.0220i	0.0003+0.0142i	0.0045-0.0020i	-8.8065-2.2739i	9.9730+3.0516i	-5.0432-1.1879i	4.2676+1.5897i
46.1	0.0065+0.0228i	0.0066-0.0286i	0.0033+0.0084i	0.0067-0.0080i	-8.6372-2.3970i	9.9677+2.9863i	-4.8925-1.2465i	4.2931+1.5401i
46.2	0.0017+0.0163i	0.0083-0.0349i	0.0029+0.0042i	0.0049-0.0114i	-8.5447-2.4473i	9.7836+2.9285i	-4.7853-1.2816i	4.1801+1.5332i
46.3	-0.0076+0.0183i	0.0038-0.0363i	-0.0014+0.0046i	0.0006-0.0107i	-8.4736-2.3791i	9.6447+2.9063i	-4.8288-1.2771i	4.1175+1.5292i
46.4	-0.0103+0.0276i	-0.0015-0.0336i	-0.0036+0.0083i	-0.0022-0.0073i	-8.4114-2.3268i	9.5904+2.9314i	-4.8351-1.3004i	4.1249+1.5391i
46.5	-0.0029+0.0361i	-0.0045-0.0292i	-0.0014+0.0113i	-0.0012-0.0047i	-8.4229-2.3400i	9.5246+2.9205i	-4.7719-1.3308i	4.0839+1.5177i
46.6	0.0050+0.0340i	-0.0048-0.0276i	0.0008+0.0111i	0.0005-0.0056i	-8.3197-2.3130i	9.4839+2.8954i	-4.7455-1.3784i	4.0992+1.4977i
46.7	0.0057+0.0330i	-0.0037-0.0282i	0.0018+0.0108i	0.0011-0.0054i	-8.1188-2.2749i	9.3892+2.8729i	-4.6758-1.3524i	4.0987+1.5020i
46.8	0.0021+0.0335i	-0.0038-0.0278i	0.0013+0.0114i	0.0000-0.0049i	-8.0083-2.2775i	9.1964+2.8738i	-4.5930-1.3278i	3.9772+1.5407i
46.9	0.0040+0.0338i	-0.0008-0.0286i	0.0027+0.0124i	0.0004-0.0047i	-7.9761-2.3412i	9.1350+2.8394i	-4.4975-1.3706i	3.9343+1.4888i
47.0	0.0077+0.0373i	0.0034-0.0296i	0.0057+0.0124i	0.0027-0.0042i	-7.8490-2.3719i	9.0720+2.8920i	-4.4915-1.3780i	3.9207+1.5152i
47.1	0.0037+0.0331i	-0.0004-0.0355i	0.0034+0.0102i	0.0013-0.0057i	-7.7636-2.3644i	8.9281+2.8710i	-4.4870-1.4712i	3.8636+1.5157i
47.2	0.0048+0.0387i	-0.0008-0.0334i	0.0039+0.0126i	0.0015-0.0031i	-7.7236-2.3103i	8.8642+2.8877i	-4.4500-1.4626i	3.8541+1.5489i
47.3	0.0131+0.0460i	0.0001-0.0294i	0.0080+0.0134i	0.0043-0.0021i	-7.6751-2.3242i	8.8787+2.8819i	-4.4248-1.4581i	3.8831+1.5430i
47.4	0.0140+0.0407i	-0.0005-0.0334i	0.0099+0.0107i	0.0046-0.0049i	-7.5733-2.3703i	8.7734+2.8294i	-4.3526-1.4000i	3.8270+1.4775i
47.5	0.0133+0.0376i	-0.0013-0.0362i	0.0089+0.0094i	0.0038-0.0064i	-7.5258-2.3705i	8.6669+2.8049i	-4.3093-1.4150i	3.7606+1.4614i
47.6	0.0169+0.0393i	0.0013-0.0336i	0.0097+0.0102i	0.0043-0.0049i	-7.4147-2.3573i	8.5963+2.8366i	-4.3224-1.4779i	3.7378+1.4799i
47.7	0.0164+0.0422i	-0.0016-0.0303i	0.0101+0.0107i	0.0038-0.0035i	-7.3216-2.3886i	8.4814+2.8746i	-4.3152-1.4921i	3.7051+1.5027i
47.8	0.0242+0.0422i	0.0005-0.0295i	0.0128+0.0120i	0.0058-0.0018i	-7.3212-2.2867i	8.4782+2.8228i	-4.3047-1.4176i	3.7423+1.4855i
47.9	0.0329+0.0391i	0.0109-0.0296i	0.0176+0.0094i	0.0108-0.0035i	-7.1958-2.2943i	8.4414+2.7074i	-4.2367-1.3823i	3.7359+1.3975i
48.0	0.0275+0.0317i	0.0076-0.0349i	0.0178+0.0053i	0.0099-0.0068i	-7.1312-2.2822i	8.3359+2.6672i	-4.2011-1.3962i	3.6743+1.3612i
48.1	0.0246+0.0235i	0.0037-0.0396i	0.0159+0.0007i	0.0080-0.0110i	-7.1089-2.3437i	8.2840+2.6767i	-4.1991-1.5065i	3.6674+1.3746i
48.2	0.0189+0.0259i	0.0007-0.0435i	0.0116+0.0000i	0.0048-0.0122i	-7.1067-2.3985i	8.1651+2.6538i	-4.1472-1.4024i	3.5822+1.3658i
48.3	0.0175+0.0316i	-0.0032-0.0399i	0.0102+0.0029i	0.0034-0.0094i	-7.0678-2.3367i	8.0417+2.6498i	-4.2150-1.5512i	3.4847+1.3793i
48.4	0.0156+0.0341i	-0.0053-0.0379i	0.0089+0.0045i	0.0013-0.0066i	-6.9891-2.3316i	7.9638+2.7079i	-4.1678-1.4789i	3.5018+1.4332i
48.5	0.0203+0.0376i	-0.0041-0.0375i	0.0105+0.0040i	0.0033-0.0050i	-6.9270-2.3690i	7.8687+2.6687i	-4.1035-1.4285i	3.4406+1.3871i
48.6	0.0204+0.0355i	-0.0057-0.0411i	0.0096+0.0024i	0.0026-0.0066i	-6.8812-2.3727i	7.8278+2.6707i	-4.0513-1.5031i	3.4364+1.3717i
48.7	0.0213+0.0408i	-0.0101-0.0375i	0.0085+0.0073i	0.0011-0.0036i	-6.8347-2.3016i	7.7456+2.6588i	-4.0354-1.5203i	3.3717+1.3512i
48.8	0.0337+0.0487i	-0.0044-0.0276i	0.0143+0.0113i	0.0064+0.0017i	-6.7460-2.1970i	7.6401+2.6883i	-3.9852-1.4096i	3.3155+1.4207i
48.9	0.0410+0.0369i	0.0012-0.0335i	0.0194+0.0045i	0.0116-0.0035i	-6.6391-2.2545i	7.6087+2.6702i	-3.8459-1.4416i	3.3516+1.4168i
49.0	0.0396+0.0246i	-0.0016-0.0415i	0.0186-0.0023i	0.0108-0.0099i	-6.6390-2.2659i	7.6007+2.5588i	-3.9268-1.4968i	3.3468+1.3296i
49.1	0.0346+0.0156i	-0.0066-0.0471i	0.0140-0.0073i	0.0074-0.0148i	-6.6146-2.3141i	7.5284+2.4823i	-4.0007-1.4818i	3.3034+1.2514i
49.2	0.0309+0.0188i	-0.0090-0.0451i	0.0115-0.0055i	0.0045-0.0127i	-6.5188-2.2325i	7.3678+2.4876i	-3.9906-1.5084i	3.2019+1.2863i
49.3	0.0362+0.0196i	-0.0069-0.0445i	0.0141-0.0058i	0.0068-0.0120i	-6.4737-2.2325i	7.2857+2.5306i	-3.8851-1.4984i	3.1764+1.3118i
49.4	0.0309+0.0159i	-0.0084-0.0452i	0.0127-0.0072i	0.0060-0.0125i	-6.3516-2.2422i	7.1644+2.4849i	-3.7715-1.3842i	3.1260+1.2684i
49.5	0.0261+0.0114i	-0.0111-0.0484i	0.0106-0.0095i	0.0047-0.0151i	-6.2365-2.2418i	7.0317+2.5024i	-3.7074-1.4464i	3.0620+1.2959i
49.6	0.0265+0.0101i	-0.0152-0.0507i	0.0084-0.0094i	0.0029-0.0156i	-6.2719-2.2547i	6.9523+2.5345i	-3.6812-1.4927i	3.0008+1.3428i
49.7	0.0150+0.0131i	-0.0230-0.0460i	0.0036-0.0104i	-0.0013-0.0168i	-6.2400-2.2710i	6.9148+2.5611i	-3.6562-1.4271i	3.0153+1.3535i

49.8	0.0047+0.0131i	-0.0323-0.0423i	0.0050-0.0115i	-0.0003-0.0176i	-6.1582-2.1745i	6.7814+2.5399i	-3.6384-1.3677i	2.9405+1.3277i
49.9	0.0180+0.0202i	-0.0253-0.0357i	0.0060-0.0074i	-0.0001-0.0123i	-6.0438-2.1511i	6.6525+2.5434i	-3.4671-1.3941i	2.8314+1.3311i
50.0	0.0289+0.0105i	-0.0195-0.0429i	0.0093-0.0091i	0.0026-0.0131i	-5.9481-2.1859i	6.6234+2.5471i	-3.5171-1.4353i	2.8641+1.3426i
50.1	0.0320+0.0067i	-0.0167-0.0466i	0.0091-0.0098i	0.0029-0.0135i	-5.8679-2.1825i	6.5925+2.5396i	-3.4572-1.4802i	2.8671+1.3042i
50.2	0.0294+0.0078i	-0.0183-0.0445i	0.0079-0.0096i	0.0022-0.0127i	-5.7435-2.1928i	6.4421+2.5275i	-3.3592-1.4699i	2.7599+1.3282i
50.3	0.0226+0.0098i	-0.0217-0.0421i	0.0051-0.0104i	0.0002-0.0135i	-5.7346-2.2491i	6.2843+2.6002i	-3.3431-1.4708i	2.6658+1.3915i
50.4	0.0201+0.0082i	-0.0228-0.0429i	0.0037-0.0115i	-0.0005-0.0155i	-5.7345-2.2390i	6.2275+2.6693i	-3.3006-1.4427i	2.6807+1.4338i
50.5	0.0181+0.0066i	-0.0240-0.0403i	0.0008-0.0078i	-0.0036-0.0118i	-5.6385-2.2845i	6.1548+2.6598i	-3.3162-1.4952i	2.6286+1.3903i
50.6	0.0158+0.0073i	-0.0276-0.0400i	-0.0005-0.0095i	-0.0055-0.0137i	-5.5556-2.3235i	6.1160+2.6735i	-3.2869-1.5057i	2.6401+1.3828i
50.7	0.0109+0.0013i	-0.0302-0.0434i	-0.0038-0.0119i	-0.0081-0.0160i	-5.4968-2.3904i	6.0282+2.6770i	-3.2868-1.4834i	2.5837+1.3944i
50.8	0.0057+0.0025i	-0.0327-0.0421i	-0.0076-0.0111i	-0.0109-0.0149i	-5.4051-2.4584i	5.8343+2.7992i	-3.2317-1.5707i	2.4727+1.5183i
50.9	0.0022+0.0042i	-0.0355-0.0428i	-0.0107-0.0118i	-0.0135-0.0155i	-5.4760-2.3998i	5.7882+2.7956i	-3.2972-1.6012i	2.4458+1.5465i
51.0	-0.0062+0.0084i	-0.0396-0.0388i	-0.0159-0.0089i	-0.0189-0.0131i	-5.4697-2.3947i	5.6856+2.8058i	-3.1338-1.6541i	2.3603+1.5150i
51.1	-0.0055+0.0139i	-0.0416-0.0335i	-0.0159-0.0037i	-0.0181-0.0074i	-5.3672-2.4318i	5.6291+2.8314i	-3.1707-1.6134i	2.3378+1.5303i
51.2	0.0010+0.0182i	-0.0403-0.0305i	-0.0110-0.0035i	-0.0134-0.0069i	-5.2766-2.4765i	5.5478+2.8927i	-3.2399-1.6459i	2.3172+1.5880i
51.3	0.0023+0.0182i	-0.0390-0.0295i	-0.0102-0.0054i	-0.0135-0.0078i	-5.3078-2.4315i	5.5731+2.9387i	-3.1819-1.5779i	2.3265+1.5808i
51.4	0.0030+0.0213i	-0.0365-0.0270i	-0.0105-0.0061i	-0.0134-0.0085i	-5.2773-2.4270i	5.5403+2.9489i	-3.0950-1.5512i	2.3093+1.5365i
51.5	-0.0044+0.0222i	-0.0434-0.0239i	-0.0133-0.0053i	-0.0146-0.0081i	-5.2162-2.5533i	5.4107+2.9702i	-3.0609-1.6696i	2.2647+1.5685i
51.6	-0.0048+0.0213i	-0.0454-0.0252i	-0.0154-0.0030i	-0.0164-0.0049i	-5.0924-2.5408i	5.3942+3.0298i	-3.0675-1.8133i	2.2656+1.6317i
51.7	-0.0038+0.0249i	-0.0469-0.0259i	-0.0160-0.0007i	-0.0177-0.0029i	-5.0616-2.5429i	5.3610+3.1554i	-3.0461-1.8815i	2.2895+1.7676i
51.8	-0.0049+0.0316i	-0.0494-0.0193i	-0.0158+0.0033i	-0.0172+0.0010i	-5.0466-2.6035i	5.2431+3.1726i	-3.0264-1.8713i	2.1864+1.8149i
51.9	-0.0006+0.0286i	-0.0476-0.0161i	-0.0153+0.0046i	-0.0144+0.0023i	-5.0217-2.6905i	5.2101+3.2215i	-2.9940-1.8606i	2.1722+1.8095i
52.0	0.0024+0.0234i	-0.0473-0.0215i	-0.0156+0.0012i	-0.0141-0.0012i	-4.9623-2.6927i	5.2119+3.2031i	-2.9976-1.8681i	2.2031+1.7909i
52.1	-0.0017+0.0209i	-0.0527-0.0211i	-0.0194-0.0005i	-0.0169-0.0037i	-4.9084-2.6957i	5.0925+3.1908i	-3.0162-1.8567i	2.1368+1.7973i
52.2	-0.0100+0.0276i	-0.0564-0.0105i	-0.0234+0.0058i	-0.0197+0.0025i	-4.8636-2.6679i	4.8868+3.2086i	-2.9628-1.8468i	1.9656+1.8106i
52.3	-0.0051+0.0330i	-0.0526-0.0060i	-0.0213+0.0098i	-0.0181+0.0072i	-4.8191-2.6909i	4.8544+3.2592i	-3.0756-1.8990i	1.9497+1.8348i
52.4	-0.0024+0.0315i	-0.0486-0.0039i	-0.0186+0.0101i	-0.0151+0.0065i	-4.8300-2.7569i	4.7897+3.3529i	-2.9829-2.0580i	1.9115+1.9206i
52.5	-0.0087+0.0312i	-0.0486-0.0014i	-0.0209+0.0115i	-0.0166+0.0060i	-4.8290-2.7295i	4.6915+3.3656i	-2.9239-2.0369i	1.8593+1.9087i
52.6	-0.0143+0.0338i	-0.0532+0.0013i	-0.0246+0.0139i	-0.0201+0.0085i	-4.8302-2.6704i	4.5994+3.3674i	-2.9409-2.0403i	1.7869+1.9066i
52.7	-0.0131+0.0348i	-0.0563+0.0027i	-0.0250+0.0150i	-0.0208+0.0100i	-4.7632-2.7284i	4.5442+3.4653i	-2.9404-2.0243i	1.7824+2.0070i
52.8	-0.0157+0.0337i	-0.0578+0.0022i	-0.0266+0.0153i	-0.0229+0.0084i	-4.7583-2.7901i	4.4567+3.6285i	-2.9202-2.1464i	1.7450+2.1469i
52.9	-0.0225+0.0401i	-0.0581+0.0062i	-0.0281+0.0193i	-0.0260+0.0112i	-4.6650-2.8068i	4.2712+3.7671i	-2.8779-2.1110i	1.6503+2.2591i
53.0	-0.0258+0.0493i	-0.0566+0.0133i	-0.0288+0.0247i	-0.0257+0.0166i	-4.5604-2.7721i	4.1103+3.8797i	-2.8259-2.0954i	1.5501+2.3418i
53.1	-0.0221+0.0636i	-0.0532+0.0196i	-0.0261+0.0309i	-0.0222+0.0238i	-4.5029-2.8944i	4.0663+4.1136i	-2.6618-2.2462i	1.5360+2.4987i
53.2	-0.0220+0.0714i	-0.0573+0.0238i	-0.0271+0.0345i	-0.0226+0.0274i	-4.3619-2.9813i	3.9541+4.3197i	-2.5616-2.4036i	1.4661+2.6352i
53.3	-0.0251+0.0822i	-0.0590+0.0328i	-0.0291+0.0416i	-0.0247+0.0338i	-4.2928-2.9893i	3.8526+4.5655i	-2.5768-2.4101i	1.4327+2.8352i
53.4	-0.0133+0.0925i	-0.0509+0.0406i	-0.0226+0.0483i	-0.0185+0.0402i	-4.2372-3.1293i	3.9155+4.8500i	-2.5995-2.5209i	1.5173+3.0454i
53.5	-0.0013+0.0899i	-0.0395+0.0419i	-0.0150+0.0488i	-0.0103+0.0393i	-4.2398-3.2238i	4.0968+4.9529i	-2.7666-2.5002i	1.6207+3.1232i
53.6	-0.0017+0.0928i	-0.0382+0.0417i	-0.0145+0.0504i	-0.0093+0.0398i	-4.2763-3.3010i	4.2148+5.1184i	-2.7699-2.6554i	1.7157+3.2195i
53.7	0.0061+0.1029i	-0.0352+0.0449i	-0.0113+0.0550i	-0.0052+0.0431i	-4.2294-3.4152i	4.2944+5.3720i	-2.7706-2.8459i	1.8269+3.3905i
53.8	0.0131+0.1080i	-0.0315+0.0437i	-0.0081+0.0558i	-0.0018+0.0431i	-4.2677-3.5192i	4.3499+5.5162i	-2.8124-3.0002i	1.8556+3.4514i
53.9	0.0325+0.1119i	-0.0222+0.0491i	0.0025+0.0595i	0.0081+0.0462i	-4.2645-3.6474i	4.4923+5.7209i	-2.8545-3.0547i	1.9993+3.5717i
54.0	0.0415+0.1083i	-0.0173+0.0471i	0.0064+0.0578i	0.0124+0.0435i	-4.3573-3.7088i	4.7259+5.8340i	-3.0011-3.1375i	2.2088+3.6752i
54.1	0.0567+0.1088i	-0.0086+0.0482i	0.0142+0.0594i	0.0199+0.0421i	-4.4478-3.9413i	4.9856+6.0501i	-3.0477-3.2670i	2.3862+3.8193i
54.2	0.0600+0.0998i	-0.0047+0.0400i	0.0168+0.0545i	0.0222+0.0349i	-4.5349-4.1143i	5.1695+6.1612i	-3.0991-3.3269i	2.5116+3.8924i
54.3	0.0700+0.1044i	-0.0045+0.0427i	0.0211+0.0577i	0.0248+0.0363i	-4.6538-4.0436i	5.3689+6.2380i	-3.2210-3.3729i	2.6834+3.9375i
54.4	0.0845+0.0967i	0.0030+0.0413i	0.0292+0.0552i	0.0315+0.0325i	-4.7670-4.0135i	5.5908+6.1670i	-3.3287-3.3861i	2.8420+3.8907i
54.5	0.0945+0.0836i	0.0095+0.0361i	0.0370+0.0485i	0.0358+0.0253i	-4.9294-4.1122i	5.9474+6.0980i	-3.4977-3.4003i	3.0829+3.8312i
54.6	0.0982+0.0656i	0.0149+0.0284i	0.0410+0.0406i	0.0379+0.0164i	-4.9806-4.2179i	6.1476+5.9510i	-3.5818-3.4692i	3.1898+3.7196i
54.7	0.0865+0.0517i	0.0032+0.0197i	0.0340+0.0343i	0.0280+0.0083i	-5.0566-4.1856i	6.2800+5.7976i	-3.7733-3.5271i	3.3096+3.5819i
54.8	0.0862+0.0576i	-0.0028+0.0209i	0.0332+0.0359i	0.0240+0.0105i	-5.1473-4.2066i	6.3701+5.8735i	-3.8100-3.5559i	3.4443+3.6472i
54.9	0.0976+0.0567i	0.0047+0.0242i	0.0396+0.0362i	0.0294+0.0116i	-5.1700-4.2129i	6.4232+5.9002i	-3.8200-3.4524i	3.5179+3.7082i
55.0	0.0954+0.0446i	0.0038+0.0277i	0.0401+0.0320i	0.0255+0.0089i	-5.3417-4.1390i	6.6425+5.6808i	-4.0807-3.4650i	3.6470+3.5003i
55.1	0.0852+0.0334i	-0.0009+0.0257i	0.0360+0.0271i	0.0192+0.0051i	-5.5538-4.0678i	6.7823+5.4981i	-4.3576-3.4405i	3.6969+3.3299i
55.2	0.0852+0.0322i	0.0020+0.0264i	0.0370+0.0254i	0.0193+0.0058i	-5.7367-4.1365i	6.8760+5.4525i	-4.4478-3.4531i	3.7650+3.3119i
55.3	0.0849+0.0361i	0.0062+0.0281i	0.0391+0.0258i	0.0204+0.0094i	-5.7336-4.0142i	6.8508+5.3997i	-4.5041-3.3233i	3.7541+3.3206i
55.4	0.0839+0.0336i	0.0071+0.0291i	0.0388+0.0250i	0.0187+0.0102i	-5.8410-3.9567i	6.9336+5.3520i	-4.6035-3.2504i	3.7914+3.3051i
55.5	0.0843+0.0315i	0.0067+0.0321i	0.0390+0.0243i	0.0184+0.0127i	-6.0352-3.9028i	7.1011+5.3018i	-4.7525-3.2088i	3.9357+3.3164i
55.6	0.0892+0.0299i	0.0118+0.0341i	0.0421+0.0242i	0.0223+0.0139i	-6.0143-3.7773i	7.2511+5.1711i	-4.8405-3.0652i	4.0786+3.1952i
55.7	0.0928+0.0253i	0.0199+0.0303i	0.0452+0.0209i	0.0267+0.0109i	-6.0584-3.6982i	7.2847+5.0586i	-4.8494-2.9960i	4.1125+3.1438i
55.8	0.0912+0.0205i	0.0213+0.0264i	0.0444+0.0176i	0.0266+0.0083i	-6.1304-3.6333i	7.3221+4.9612i	-5.0165-2.9012i	4.1490+3.0635i
55.9	0.0892+0.0160i	0.0219+0.0238i	0.0431+0.0145i	0.0255+0.0067i	-6.1178-3.4929i	7.3430+4.7862i	-5.0523-2.7391i	4.2017+2.9349i
56.0	0.0818+0.0149i	0.0205+0.0222i	0.0402+0.0134i	0.0233+0.0071i	-6.2139-3.3030i	7.3483+4.5918i	-5.0578-2.6200i	4.1995+2.7939i

56.1	0.0799+0.0154i	0.0218+0.0236i	0.0402+0.0135i	0.0236+0.0085i	-6.2637-3.1713i	7.4234+4.3956i	-5.0893-2.4733i	4.2591+2.6358i
56.2	0.0806+0.0118i	0.0261+0.0189i	0.0413+0.0105i	0.0255+0.0058i	-6.2653-3.0356i	7.4424+4.2203i	-5.1396-2.4274i	4.2529+2.4785i
56.3	0.0774+0.0082i	0.0289+0.0135i	0.0417+0.0077i	0.0260+0.0039i	-6.1689-2.9025i	7.3516+4.1171i	-5.1418-2.3173i	4.1658+2.4541i
56.4	0.0776+0.0048i	0.0296+0.0109i	0.0416+0.0059i	0.0267+0.0023i	-6.1607-2.8026i	7.2744+3.9986i	-5.0840-2.1688i	4.1375+2.4300i
56.5	0.0782+0.0045i	0.0287+0.0089i	0.0409+0.0050i	0.0258+0.0018i	-6.0665-2.6525i	7.2859+3.9490i	-5.1576-2.0518i	4.1894+2.4167i
56.6	0.0752+0.0029i	0.0283+0.0082i	0.0396+0.0044i	0.0248+0.0028i	-6.0100-2.6220i	7.2876+3.7921i	-5.1794-1.9797i	4.1776+2.2729i
56.7	0.0731+0.0038i	0.0291+0.0067i	0.0389+0.0042i	0.0253+0.0024i	-6.0048-2.5868i	7.1951+3.6915i	-5.1443-1.9398i	4.1044+2.2055i
56.8	0.0730-0.0002i	0.0267+0.0021i	0.0372+0.0009i	0.0240-0.0016i	-5.9308-2.5953i	7.1970+3.6454i	-5.0624-1.9593i	4.1473+2.1352i
56.9	0.0733-0.0013i	0.0291+0.0014i	0.0380+0.0004i	0.0248-0.0015i	-5.9195-2.5600i	7.1866+3.5945i	-5.0507-1.8549i	4.1455+2.1433i
57.0	0.0704-0.0034i	0.0282-0.0013i	0.0375-0.0018i	0.0238-0.0027i	-5.8609-2.5129i	7.1781+3.5788i	-5.0628-1.8238i	4.1618+2.1291i
57.1	0.0669-0.0040i	0.0258-0.0004i	0.0358-0.0014i	0.0226-0.0022i	-5.8885-2.4593i	7.1112+3.4355i	-5.0611-1.7438i	4.1440+2.0044i
57.2	0.0675-0.0022i	0.0254-0.0018i	0.0347-0.0019i	0.0228-0.0030i	-5.8185-2.3024i	7.0132+3.3626i	-4.9786-1.7125i	4.1138+1.9737i
57.3	0.0684-0.0036i	0.0250-0.0066i	0.0351-0.0034i	0.0224-0.0050i	-5.7269-2.3093i	6.9698+3.3661i	-4.9867-1.6328i	4.1175+1.9793i
57.4	0.0640-0.0055i	0.0246-0.0070i	0.0345-0.0041i	0.0222-0.0051i	-5.7837-2.3262i	6.9839+3.2679i	-4.9785-1.5502i	4.1061+1.9100i
57.5	0.0587-0.0046i	0.0209-0.0038i	0.0303-0.0027i	0.0199-0.0019i	-5.7195-2.2880i	6.8835+3.1098i	-4.9562-1.5173i	3.9865+1.7757i
57.6	0.0587-0.0035i	0.0215-0.0057i	0.0293-0.0033i	0.0192-0.0018i	-5.6877-2.1514i	6.8251+3.0567i	-5.0026-1.5389i	3.9332+1.7386i
57.7	0.0625-0.0052i	0.0215-0.0072i	0.0310-0.0044i	0.0202-0.0040i	-5.6730-2.1795i	6.8783+3.0490i	-4.9760-1.5381i	4.0315+1.7652i
57.8	0.0608-0.0069i	0.0214-0.0087i	0.0306-0.0052i	0.0207-0.0062i	-5.6344-2.1867i	6.7846+2.9898i	-4.9476-1.4224i	3.9821+1.7181i
57.9	0.0604-0.0080i	0.0207-0.0120i	0.0302-0.0066i	0.0204-0.0073i	-5.5592-2.1567i	6.7761+3.0551i	-4.9633-1.4286i	4.0067+1.7590i
58.0	0.0623-0.0079i	0.0193-0.0121i	0.0302-0.0068i	0.0208-0.0062i	-5.5375-2.1191i	6.7859+3.0253i	-4.9580-1.3800i	4.0539+1.7291i
58.1	0.0606-0.0059i	0.0195-0.0105i	0.0301-0.0063i	0.0196-0.0046i	-5.5128-2.0754i	6.7275+2.9728i	-4.9586-1.3325i	3.9620+1.7012i
58.2	0.0577-0.0072i	0.0173-0.0126i	0.0278-0.0066i	0.0181-0.0067i	-5.4620-1.9893i	6.6649+2.8499i	-4.9649-1.2851i	3.9103+1.6108i
58.3	0.0570-0.0087i	0.0164-0.0126i	0.0273-0.0075i	0.0178-0.0065i	-5.4345-2.0993i	6.6594+2.8446i	-4.9132-1.2970i	3.9558+1.5909i
58.4	0.0559-0.0075i	0.0147-0.0147i	0.0268-0.0074i	0.0170-0.0059i	-5.4998-2.0954i	6.6235+2.8245i	-4.9280-1.3165i	3.9031+1.6228i
58.5	0.0551-0.0047i	0.0112-0.0117i	0.0251-0.0062i	0.0151-0.0045i	-5.4442-2.0131i	6.5661+2.7782i	-4.8530-1.2495i	3.8733+1.5154i
58.6	0.0551-0.0043i	0.0058-0.0108i	0.0242-0.0059i	0.0136-0.0049i	-5.3851-1.9761i	6.5919+2.8016i	-4.8831-1.2490i	3.9351+1.5584i
58.7	0.0545-0.0058i	0.0065-0.0108i	0.0239-0.0061i	0.0139-0.0049i	-5.3580-1.9809i	6.5017+2.7520i	-4.8481-1.2366i	3.8603+1.5667i
58.8	0.0566-0.0064i	0.0080-0.0123i	0.0243-0.0071i	0.0150-0.0058i	-5.3660-1.8853i	6.4930+2.7314i	-4.8227-1.1904i	3.8558+1.5477i
58.9	0.0583-0.0039i	0.0078-0.0085i	0.0266-0.0048i	0.0156-0.0038i	-5.2910-1.7950i	6.4206+2.6563i	-4.8444-1.1468i	3.8053+1.5220i
59.0	0.0589-0.0073i	0.0075-0.0081i	0.0257-0.0061i	0.0159-0.0047i	-5.2609-1.8198i	6.4370+2.6289i	-4.8512-1.1274i	3.8406+1.4801i
59.1	0.0569-0.0083i	0.0088-0.0107i	0.0249-0.0068i	0.0159-0.0051i	-5.2791-1.8751i	6.3967+2.6151i	-4.8474-1.1176i	3.8502+1.4471i
59.2	0.0546-0.0086i	0.0092-0.0092i	0.0241-0.0069i	0.0147-0.0048i	-5.3114-1.8222i	6.3429+2.4971i	-4.8270-1.1069i	3.7771+1.3463i
59.3	0.0554-0.0105i	0.0087-0.0107i	0.0243-0.0083i	0.0157-0.0056i	-5.3339-1.8312i	6.3477+2.4998i	-4.8162-1.0455i	3.7459+1.3632i
59.4	0.0587-0.0147i	0.0084-0.0104i	0.0255-0.0092i	0.0163-0.0058i	-5.2750-1.8265i	6.3819+2.5310i	-4.8113-1.0122i	3.8574+1.3961i
59.5	0.0581-0.0126i	0.0051-0.0065i	0.0246-0.0079i	0.0147-0.0048i	-5.2367-1.7829i	6.3403+2.4770i	-4.8271-0.9801i	3.8008+1.3654i
59.6	0.0561-0.0127i	0.0042-0.0080i	0.0230-0.0091i	0.0146-0.0048i	-5.2419-1.6933i	6.3042+2.3804i	-4.9047-0.9341i	3.7754+1.3082i
59.7	0.0546-0.0116i	0.0046-0.0079i	0.0216-0.0083i	0.0135-0.0033i	-5.1608-1.6127i	6.2076+2.3525i	-4.8702-0.9417i	3.6968+1.2807i
59.8	0.0561-0.0139i	0.0056-0.0083i	0.0238-0.0084i	0.0143-0.0044i	-5.1469-1.6296i	6.1719+2.3648i	-4.7849-0.8971i	3.7324+1.3231i
59.9	0.0542-0.0206i	0.0073-0.0143i	0.0230-0.0139i	0.0152-0.0110i	-5.0465-2.0462i	6.3323+2.0204i	-4.8068-0.8619i	3.5497+1.5206i
60.0	0.0511-0.0304i	0.0076-0.0248i	0.0222-0.0243i	0.0162-0.0227i	-4.6770-2.6602i	6.9281+1.3162i	-4.7752-0.7441i	2.9590+1.8515i
60.1	0.0497-0.0177i	0.0026-0.0126i	0.0195-0.0119i	0.0120-0.0095i	-5.1361-1.8064i	6.1151+1.9684i	-4.7587-0.8033i	3.4706+1.3816i
60.2	0.0509-0.0144i	0.0042-0.0094i	0.0206-0.0094i	0.0131-0.0052i	-5.0611-1.5330i	6.0123+2.1823i	-4.8259-0.7833i	3.5719+1.1920i
60.3	0.0521-0.0167i	0.0058-0.0040i	0.0216-0.0085i	0.0149-0.0045i	-5.0746-1.5362i	6.0103+2.1001i	-4.8022-0.7683i	3.5750+1.1285i
60.4	0.0533-0.0195i	0.0057-0.0049i	0.0216-0.0101i	0.0164-0.0066i	-5.1186-1.4647i	5.9745+2.0909i	-4.7562-0.7436i	3.5901+1.1195i
60.5	0.0534-0.0216i	0.0040-0.0063i	0.0208-0.0105i	0.0146-0.0070i	-5.0999-1.4747i	5.9503+2.1034i	-4.7712-0.6661i	3.6282+1.1451i
60.6	0.0529-0.0209i	0.0035-0.0046i	0.0201-0.0100i	0.0136-0.0052i	-5.1152-1.4886i	5.9500+2.0983i	-4.7832-0.6501i	3.6024+1.1217i
60.7	0.0525-0.0216i	0.0042-0.0040i	0.0210-0.0099i	0.0145-0.0063i	-5.0284-1.4834i	5.9048+2.1404i	-4.7447-0.6886i	3.5546+1.1875i
60.8	0.0535-0.0216i	0.0064-0.0072i	0.0216-0.0114i	0.0156-0.0082i	-4.9396-1.4754i	5.8733+2.1471i	-4.7403-0.6611i	3.5713+1.2356i
60.9	0.0484-0.0241i	0.0082-0.0068i	0.0204-0.0128i	0.0146-0.0088i	-4.9992-1.3960i	5.8550+2.0772i	-4.7432-0.6125i	3.5515+1.1443i
61.0	0.0461-0.0268i	0.0110-0.0063i	0.0199-0.0134i	0.0148-0.0089i	-4.9750-1.4145i	5.7999+2.0507i	-4.7453-0.5713i	3.4916+1.0946i
61.1	0.0465-0.0261i	0.0126-0.0096i	0.0210-0.0134i	0.0155-0.0097i	-4.9283-1.3577i	5.7354+2.0697i	-4.7604-0.5601i	3.4691+1.1849i
61.2	0.0448-0.0263i	0.0118-0.0117i	0.0203-0.0148i	0.0146-0.0095i	-4.8618-1.2966i	5.6134+2.0703i	-4.7318-0.5611i	3.3959+1.2202i
61.3	0.0412-0.0260i	0.0083-0.0110i	0.0173-0.0140i	0.0126-0.0094i	-4.8929-1.2610i	5.6291+1.9867i	-4.7188-0.5018i	3.3654+1.1026i
61.4	0.0396-0.0245i	0.0087-0.0089i	0.0174-0.0124i	0.0119-0.0077i	-4.9141-1.2623i	5.6142+1.9492i	-4.7842-0.4909i	3.3280+1.1129i
61.5	0.0354-0.0232i	0.0069-0.0084i	0.0153-0.0118i	0.0099-0.0070i	-4.9352-1.2735i	5.5448+1.9331i	-4.7757-0.5065i	3.3070+1.0868i
61.6	0.0340-0.0247i	0.0051-0.0093i	0.0142-0.0130i	0.0099-0.0083i	-4.9706-1.2125i	5.5645+1.8854i	-4.7355-0.4519i	3.3510+0.9916i
61.7	0.0349-0.0230i	0.0060-0.0094i	0.0145-0.0119i	0.0110-0.0073i	-4.8548-1.1608i	5.5289+1.8755i	-4.7291-0.4166i	3.3156+1.0229i
61.8	0.0331-0.0233i	0.0058-0.0074i	0.0136-0.0112i	0.0091-0.0071i	-4.8119-1.0815i	5.5072+1.8650i	-4.7326-0.3945i	3.3286+1.0168i
61.9	0.0323-0.0213i	0.0046-0.0096i	0.0136-0.0125i	0.0082-0.0075i	-4.8454-1.0837i	5.4576+1.8834i	-4.8000-0.3262i	3.3250+1.0853i
62.0	0.0317-0.0228i	0.0042-0.0052i	0.0127-0.0115i	0.0083-0.0069i	-4.7888-1.0686i	5.4338+1.8660i	-4.7627-0.3070i	3.3193+1.1020i
62.1	0.0343-0.0223i	0.0024-0.0046i	0.0130-0.0110i	0.0095-0.0050i	-4.7810-1.0655i	5.3673+1.9010i	-4.8139-0.2496i	3.2620+1.2050i
62.2	0.0333-0.0187i	0.0045-0.0063i	0.0136-0.0113i	0.0105-0.0047i	-4.8295-0.9275i	5.2424+1.9053i	-4.8552-0.2347i	3.0983+1.2258i
62.3	0.0309-0.0237i	0.0023-0.0075i	0.0116-0.0121i	0.0076-0.0069i	-4.7383-0.9466i	5.3300+1.8687i	-4.7673-0.2611i	3.2991+1.0970i

62.4	0.0282-0.0219i	0.0037-0.0036i	0.0111-0.0106i	0.0071-0.0053i	-4.7070-0.8736i	5.2974+1.8229i	-4.7527-0.2348i	3.2312+1.0777i
62.5	0.0257-0.0194i	0.0034-0.0013i	0.0100-0.0095i	0.0071-0.0035i	-4.6960-0.8031i	5.2188+1.8186i	-4.7557-0.1780i	3.1652+1.1208i
62.6	0.0275-0.0202i	0.0010-0.0029i	0.0097-0.0088i	0.0066-0.0044i	-4.7255-0.7923i	5.2254+1.7781i	-4.7759-0.1065i	3.2002+1.0688i
62.7	0.0287-0.0218i	0.0025-0.0016i	0.0102-0.0083i	0.0082-0.0045i	-4.6729-0.7668i	5.2363+1.7951i	-4.8001-0.0436i	3.2654+1.1125i
62.8	0.0273-0.0205i	0.0030-0.0005i	0.0102-0.0080i	0.0080-0.0044i	-4.6442-0.7084i	5.2631+1.9032i	-4.7871-0.0272i	3.3465+1.2329i
62.9	0.0283-0.0208i	0.0043+0.0016i	0.0105-0.0076i	0.0082-0.0037i	-4.6035-0.6553i	5.2372+1.9509i	-4.7140+0.0028i	3.2767+1.3100i
63.0	0.0265-0.0196i	0.0070+0.0025i	0.0114-0.0066i	0.0078-0.0033i	-4.5314-0.5761i	5.1778+1.8963i	-4.6866+0.0987i	3.2062+1.2604i
63.1	0.0299-0.0177i	0.0083+0.0029i	0.0137-0.0056i	0.0098-0.0027i	-4.5017-0.5990i	5.2128+1.8874i	-4.7684+0.1366i	3.2829+1.2819i
63.2	0.0273-0.0158i	0.0086+0.0035i	0.0122-0.0060i	0.0092-0.0021i	-4.4601-0.4942i	5.2185+1.8384i	-4.6963+0.1651i	3.2885+1.2259i
63.3	0.0247-0.0141i	0.0084+0.0024i	0.0098-0.0058i	0.0088-0.0013i	-4.4391-0.5137i	5.2082+1.8414i	-4.6985+0.1728i	3.3302+1.2028i
63.4	0.0248-0.0144i	0.0086+0.0041i	0.0097-0.0041i	0.0090-0.0006i	-4.3312-0.5148i	5.1856+1.8512i	-4.6243+0.1197i	3.3460+1.2220i
63.5	0.0231-0.0191i	0.0073+0.0009i	0.0090-0.0072i	0.0060-0.0028i	-4.1995-0.5620i	5.2936+1.8003i	-4.5646+0.0659i	3.5409+1.1708i
63.6	0.0257-0.0164i	0.0109+0.0010i	0.0119-0.0060i	0.0091-0.0023i	-4.2356-0.4826i	5.2518+1.7849i	-4.5669+0.2103i	3.4877+1.2385i
63.7	0.0223-0.0146i	0.0124+0.0041i	0.0115-0.0045i	0.0089-0.0000i	-4.1058-0.5168i	5.2145+1.6868i	-4.4818+0.2149i	3.4226+1.0785i
63.8	0.0248-0.0135i	0.0137+0.0029i	0.0134-0.0051i	0.0105-0.0006i	-3.9743-0.4764i	5.1903+1.6810i	-4.4228+0.2552i	3.4098+1.1523i
63.9	0.0282-0.0144i	0.0148+0.0004i	0.0155-0.0062i	0.0115-0.0015i	-3.9394-0.4676i	5.2018+1.7343i	-4.3712+0.3653i	3.5040+1.2609i
64.0	0.0284-0.0151i	0.0180-0.0048i	0.0158-0.0071i	0.0121-0.0029i	-3.9947-0.4812i	5.2568+1.7643i	-4.4258+0.3733i	3.6255+1.3132i
64.1	0.0289-0.0117i	0.0176-0.0013i	0.0147-0.0039i	0.0127-0.0013i	-3.9073-0.5362i	5.1886+1.7583i	-4.4146+0.2672i	3.4988+1.3362i
64.2	0.0263-0.0110i	0.0204-0.0049i	0.0149-0.0061i	0.0134-0.0019i	-3.7972-0.5412i	5.1683+1.7164i	-4.3854+0.2777i	3.5849+1.3387i
64.3	0.0244-0.0070i	0.0198-0.0039i	0.0145-0.0049i	0.0114-0.0013i	-3.8274-0.5646i	5.0698+1.6320i	-4.2962+0.2515i	3.4775+1.2166i
64.4	0.0234-0.0042i	0.0194-0.0025i	0.0131-0.0018i	0.0100+0.0010i	-3.7368-0.6016i	4.9883+1.6029i	-4.2628+0.2225i	3.3600+1.2182i
64.5	0.0269-0.0069i	0.0169-0.0062i	0.0137-0.0037i	0.0104-0.0006i	-3.6718-0.6588i	5.1111+1.5135i	-4.2502+0.1862i	3.5237+1.1176i
64.6	0.0292-0.0086i	0.0171-0.0071i	0.0141-0.0057i	0.0119-0.0027i	-3.7541-0.7082i	5.1137+1.4943i	-4.3453+0.1340i	3.6179+1.0790i
64.7	0.0256-0.0053i	0.0161-0.0054i	0.0120-0.0048i	0.0112-0.0009i	-3.7068-0.6197i	5.0225+1.4992i	-4.3013+0.0821i	3.5280+1.0701i
64.8	0.0243-0.0052i	0.0147-0.0036i	0.0115-0.0036i	0.0105-0.0004i	-3.6957-0.5085i	4.9967+1.4674i	-4.3647+0.0570i	3.4780+1.0034i
64.9	0.0245-0.0034i	0.0167-0.0047i	0.0123-0.0032i	0.0109+0.0010i	-3.6513-0.5134i	4.9775+1.4733i	-4.3956+0.1405i	3.4616+1.0587i
65.0	0.0277-0.0077i	0.0148-0.0088i	0.0123-0.0064i	0.0113-0.0022i	-3.5974-0.6952i	4.9765+1.4359i	-4.3277+0.1297i	3.5756+1.0292i
65.1	0.0276-0.0080i	0.0148-0.0052i	0.0124-0.0044i	0.0120-0.0015i	-3.6415-0.6621i	4.9062+1.4049i	-4.3495+0.0821i	3.4971+0.9458i
65.2	0.0259-0.0080i	0.0153-0.0067i	0.0123-0.0057i	0.0112-0.0022i	-3.6263-0.6054i	4.9088+1.3855i	-4.3676+0.1194i	3.5234+0.9878i
65.3	0.0286-0.0044i	0.0161-0.0077i	0.0124-0.0056i	0.0120-0.0008i	-3.5590-0.6704i	4.8437+1.3631i	-4.3438+0.1740i	3.4603+0.9893i
65.4	0.0267-0.0035i	0.0142-0.0050i	0.0115-0.0038i	0.0115+0.0013i	-3.5785-0.6816i	4.8326+1.3613i	-4.4005+0.0575i	3.4793+0.9293i
65.5	0.0289-0.0061i	0.0137-0.0068i	0.0123-0.0046i	0.0120+0.0006i	-3.5024-0.6590i	4.8391+1.3231i	-4.3853+0.0757i	3.5212+0.9242i
65.6	0.0285-0.0069i	0.0126-0.0092i	0.0128-0.0049i	0.0117-0.0009i	-3.5318-0.6751i	4.8257+1.2867i	-4.4488+0.1456i	3.5784+0.8870i
65.7	0.0256-0.0042i	0.0146-0.0070i	0.0125-0.0039i	0.0103-0.0002i	-3.5339-0.7153i	4.7504+1.2696i	-4.5125+0.1157i	3.4386+0.8503i
65.8	0.0295-0.0055i	0.0185-0.0100i	0.0148-0.0062i	0.0128-0.0017i	-3.4927-0.7206i	4.7073+1.3189i	-4.4155+0.1485i	3.4702+1.0526i
65.9	0.0280-0.0048i	0.0192-0.0064i	0.0132-0.0045i	0.0132+0.0007i	-3.5035-0.6322i	4.6611+1.2902i	-4.5966+0.1499i	3.4742+1.0177i
66.0	0.0275-0.0037i	0.0173-0.0081i	0.0121-0.0044i	0.0125+0.0007i	-3.5056-0.6860i	4.6592+1.2571i	-4.6078+0.2258i	3.4663+0.9366i
66.1	0.0244-0.0052i	0.0140-0.0077i	0.0114-0.0044i	0.0106-0.0005i	-3.5110-0.6662i	4.6906+1.2327i	-4.5496+0.2913i	3.5873+0.8298i
66.2	0.0295-0.0037i	0.0150-0.0098i	0.0129-0.0042i	0.0123-0.0007i	-3.4305-0.6202i	4.6130+1.2440i	-4.5136+0.2969i	3.5275+0.9252i
66.3	0.0293-0.0007i	0.0171-0.0102i	0.0133-0.0036i	0.0128-0.0002i	-3.5066-0.6238i	4.5857+1.2489i	-4.5878+0.3088i	3.4853+0.9237i
66.4	0.0319-0.0023i	0.0162-0.0105i	0.0145-0.0043i	0.0149-0.0015i	-3.5361-0.6228i	4.5283+1.2695i	-4.7044+0.2994i	3.4721+1.0046i
66.5	0.0319-0.0049i	0.0157-0.0106i	0.0145-0.0052i	0.0142-0.0018i	-3.4781-0.6071i	4.5135+1.2720i	-4.5613+0.3057i	3.5262+1.0109i
66.6	0.0322-0.0044i	0.0181-0.0106i	0.0155-0.0041i	0.0149-0.0011i	-3.4622-0.5604i	4.4774+1.2224i	-4.5967+0.3581i	3.5163+0.9469i
66.7	0.0325-0.0030i	0.0194-0.0077i	0.0148-0.0028i	0.0155+0.0006i	-3.4088-0.5878i	4.4400+1.1943i	-4.6865+0.3974i	3.4368+0.8899i
66.8	0.0325-0.0023i	0.0197-0.0065i	0.0150-0.0029i	0.0162+0.0011i	-3.3906-0.6087i	4.4170+1.2037i	-4.7385+0.4027i	3.4172+0.9255i
66.9	0.0300-0.0026i	0.0192-0.0078i	0.0154-0.0031i	0.0150+0.0007i	-3.3434-0.5959i	4.4009+1.2312i	-4.7968+0.3228i	3.4544+0.9319i
67.0	0.0306-0.0035i	0.0185-0.0102i	0.0146-0.0041i	0.0141-0.0012i	-3.3928-0.5423i	4.4203+1.2040i	-4.7244+0.3045i	3.5081+0.9032i
67.1	0.0320-0.0039i	0.0167-0.0125i	0.0140-0.0046i	0.0135-0.0027i	-3.3123-0.5487i	4.4339+1.1571i	-4.7136+0.4376i	3.5936+0.8697i
67.2	0.0346-0.0020i	0.0158-0.0129i	0.0152-0.0042i	0.0146-0.0010i	-3.3072-0.5350i	4.4127+1.1714i	-4.7788+0.5029i	3.6007+0.9076i
67.3	0.0345-0.0007i	0.0147-0.0123i	0.0142-0.0038i	0.0140-0.0003i	-3.3288-0.5451i	4.3856+1.1807i	-4.7648+0.4310i	3.5738+0.8740i
67.4	0.0331-0.0012i	0.0171-0.0101i	0.0136-0.0027i	0.0149+0.0005i	-3.3483-0.5610i	4.3260+1.2284i	-4.7865+0.4080i	3.5396+0.9707i
67.5	0.0334-0.0044i	0.0182-0.0083i	0.0149-0.0030i	0.0152-0.0000i	-3.3283-0.4362i	4.3252+1.1940i	-4.8686+0.4835i	3.5921+0.9255i
67.6	0.0359-0.0036i	0.0179-0.0115i	0.0153-0.0047i	0.0158-0.0010i	-3.2105-0.4740i	4.3491+1.1384i	-4.8954+0.5737i	3.6500+0.8394i
67.7	0.0364+0.0002i	0.0192-0.0102i	0.0164-0.0033i	0.0176+0.0006i	-3.1762-0.4653i	4.3049+1.0952i	-4.8119+0.6678i	3.5557+0.8184i
67.8	0.0342+0.0021i	0.0214-0.0081i	0.0163-0.0016i	0.0177+0.0020i	-3.2023-0.4451i	4.2239+1.0816i	-4.8462+0.6113i	3.4529+0.8495i
67.9	0.0346+0.0008i	0.0204-0.0084i	0.0170-0.0018i	0.0169+0.0014i	-3.2047-0.4372i	4.2267+1.0963i	-4.8890+0.5666i	3.4978+0.8507i
68.0	0.0379-0.0017i	0.0201-0.0101i	0.0175-0.0025i	0.0179+0.0008i	-3.1178-0.4543i	4.2282+1.0855i	-4.9608+0.6821i	3.5441+0.8378i
68.1	0.0375-0.0008i	0.0189-0.0105i	0.0168-0.0022i	0.0172+0.0009i	-3.1859-0.4109i	4.1938+1.0816i	-4.9606+0.6716i	3.5235+0.8360i
68.2	0.0377-0.0016i	0.0207-0.0115i	0.0171-0.0024i	0.0170+0.0002i	-3.1660-0.4514i	4.1941+1.0826i	-4.9248+0.7485i	3.5439+0.8058i
68.3	0.0359-0.0001i	0.0233-0.0099i	0.0184-0.0020i	0.0175+0.0011i	-3.1018-0.4734i	4.1790+1.1185i	-4.9531+0.7222i	3.5035+0.8219i
68.4	0.0343+0.0016i	0.0233-0.0105i	0.0173-0.0008i	0.0189+0.0015i	-3.1198-0.3956i	4.1231+1.0852i	-4.9565+0.7971i	3.4788+0.7802i
68.5	0.0349+0.0029i	0.0208-0.0130i	0.0163-0.0013i	0.0183+0.0004i	-3.1075-0.3166i	4.0831+1.0548i	-4.9026+0.9317i	3.4370+0.7175i
68.6	0.0404-0.0000i	0.0199-0.0149i	0.0191-0.0033i	0.0195-0.0003i	-3.0817-0.3873i	4.1245+1.0661i	-4.9873+0.8722i	3.5469+0.7839i

68.7	0.0437+0.0003i	0.0223-0.0134i	0.0214-0.0026i	0.0207+0.0008i	-3.0782-0.3935i	4.1008+1.0956i	-5.0944+0.7412i	3.5553+0.9071i
68.8	0.0451+0.0007i	0.0241-0.0136i	0.0224-0.0024i	0.0219+0.0011i	-3.0648-0.3453i	4.1194+1.0858i	-5.1320+0.7712i	3.5621+0.9250i
68.9	0.0430-0.0013i	0.0214-0.0133i	0.0208-0.0037i	0.0203+0.0004i	-3.0361-0.3468i	4.1145+1.0361i	-5.1370+0.7677i	3.5995+0.8435i
69.0	0.0383-0.0020i	0.0226-0.0155i	0.0191-0.0053i	0.0179-0.0005i	-3.0414-0.3304i	4.0773+1.0095i	-5.1788+0.7608i	3.5702+0.8127i
69.1	0.0404-0.0061i	0.0239-0.0175i	0.0196-0.0071i	0.0190-0.0032i	-2.9644-0.3139i	4.0742+1.0150i	-5.1943+0.8642i	3.6619+0.7936i
69.2	0.0454-0.0080i	0.0231-0.0242i	0.0209-0.0093i	0.0207-0.0055i	-2.9118-0.3442i	4.0427+1.0771i	-5.1790+1.0880i	3.7751+0.8720i
69.3	0.0420-0.0070i	0.0236-0.0185i	0.0206-0.0064i	0.0195-0.0040i	-3.0867-0.4152i	4.0497+1.0437i	-5.2673+1.0950i	3.6951+0.8285i
69.4	0.0418-0.0037i	0.0244-0.0165i	0.0213-0.0047i	0.0192-0.0020i	-3.0112-0.3771i	3.9880+0.9996i	-5.2567+1.0042i	3.5861+0.8377i
69.5	0.0427-0.0015i	0.0258-0.0202i	0.0212-0.0051i	0.0208-0.0036i	-2.8717-0.3539i	3.9472+1.0034i	-5.1775+1.0893i	3.5682+0.8575i
69.6	0.0442-0.0045i	0.0271-0.0187i	0.0222-0.0058i	0.0219-0.0025i	-2.7331-0.2863i	3.9212+0.9775i	-5.2057+1.1631i	3.5845+0.8666i
69.7	0.0429-0.0084i	0.0261-0.0198i	0.0225-0.0085i	0.0219-0.0036i	-2.7989-0.3081i	3.9235+1.0016i	-5.3144+1.1366i	3.6433+0.9169i
69.8	0.0427-0.0114i	0.0226-0.0234i	0.0205-0.0106i	0.0199-0.0054i	-2.8741-0.3164i	3.9436+1.0204i	-5.3284+1.2123i	3.7347+0.8712i
69.9	0.0411-0.0074i	0.0230-0.0209i	0.0199-0.0087i	0.0205-0.0033i	-2.8469-0.2543i	3.9629+0.9253i	-5.2979+1.2307i	3.7155+0.7710i
70.0	0.0418-0.0054i	0.0254-0.0185i	0.0206-0.0076i	0.0210-0.0019i	-2.8509-0.2213i	3.9173+0.9448i	-5.3987+1.2822i	3.6896+0.8666i
70.1	0.0386-0.0070i	0.0218-0.0229i	0.0189-0.0086i	0.0183-0.0036i	-2.8026-0.1938i	3.9128+0.9452i	-5.3863+1.4044i	3.8076+0.7912i
70.2	0.0380-0.0139i	0.0206-0.0249i	0.0177-0.0107i	0.0184-0.0054i	-2.8123-0.2712i	3.9336+1.0166i	-5.5121+1.4573i	3.9776+0.8115i
70.3	0.0355-0.0091i	0.0293-0.0225i	0.0193-0.0082i	0.0208-0.0042i	-2.7001-0.3479i	3.8944+0.9361i	-5.6054+1.2879i	3.7017+0.7868i
70.4	0.0369-0.0089i	0.0238-0.0222i	0.0190-0.0081i	0.0185-0.0050i	-2.6467-0.2419i	3.8444+0.9557i	-5.4676+1.2639i	3.6952+0.9369i
70.5	0.0349-0.0049i	0.0249-0.0262i	0.0187-0.0088i	0.0190-0.0052i	-2.6598-0.1637i	3.8247+0.9767i	-5.5339+1.3956i	3.7205+0.9690i
70.6	0.0307-0.0078i	0.0273-0.0250i	0.0187-0.0101i	0.0191-0.0049i	-2.7183-0.2025i	3.8398+0.9826i	-5.5897+1.5441i	3.8165+0.9411i
70.7	0.0318-0.0102i	0.0259-0.0225i	0.0180-0.0100i	0.0188-0.0053i	-2.7363-0.2259i	3.8774+0.9396i	-5.7136+1.7530i	3.9639+0.9397i
70.8	0.0360-0.0087i	0.0252-0.0254i	0.0182-0.0096i	0.0186-0.0041i	-2.6913-0.2559i	3.8261+0.9209i	-5.7047+1.7988i	3.9408+0.9188i
70.9	0.0349-0.0095i	0.0250-0.0236i	0.0170-0.0091i	0.0179-0.0028i	-2.6328-0.2446i	3.8318+0.8862i	-5.5210+1.7213i	3.9862+0.8113i
71.0	0.0365-0.0056i	0.0289-0.0259i	0.0197-0.0086i	0.0200-0.0027i	-2.5601-0.1763i	3.7750+0.8690i	-5.5956+1.7564i	3.9111+0.8798i
71.1	0.0360-0.0032i	0.0293-0.0289i	0.0200-0.0095i	0.0212-0.0033i	-2.5263-0.1305i	3.7294+0.8700i	-5.5922+1.9526i	3.9005+0.8954i
71.2	0.0349-0.0000i	0.0308-0.0323i	0.0196-0.0102i	0.0215-0.0026i	-2.5414-0.0803i	3.7180+0.9707i	-5.7697+1.9410i	3.9696+1.1244i
71.3	0.0320+0.0003i	0.0300-0.0347i	0.0199-0.0100i	0.0211-0.0033i	-2.5407-0.1176i	3.7523+0.9303i	-5.8416+1.9176i	4.0488+1.0532i
71.4	0.0321+0.0026i	0.0322-0.0306i	0.0214-0.0078i	0.0231-0.0013i	-2.4839-0.1532i	3.7347+0.8546i	-5.8585+1.9975i	4.0575+0.9064i
71.5	0.0327+0.0086i	0.0348-0.0366i	0.0214-0.0075i	0.0241-0.0013i	-2.4500-0.1544i	3.7103+0.8598i	-5.8032+2.1405i	3.9923+0.9412i
71.6	0.0341+0.0120i	0.0309-0.0423i	0.0193-0.0090i	0.0236-0.0025i	-2.4422-0.1402i	3.7154+0.8817i	-5.8205+2.1351i	4.0487+1.0581i
71.7	0.0342+0.0134i	0.0349-0.0424i	0.0195-0.0085i	0.0235-0.0027i	-2.3860+0.0551i	3.6460+0.9130i	-5.8240+2.0510i	4.1051+1.1320i
71.8	0.0356+0.0168i	0.0349-0.0490i	0.0213-0.0091i	0.0241-0.0034i	-2.3201-0.1188i	3.6665+0.8792i	-5.9550+2.2750i	4.2395+1.0232i
71.9	0.0371+0.0156i	0.0307-0.0501i	0.0209-0.0102i	0.0233-0.0056i	-2.3244-0.1880i	3.7087+0.8410i	-6.0080+2.3215i	4.3174+0.9364i
72.0	0.0356+0.0200i	0.0303-0.0535i	0.0196-0.0092i	0.0238-0.0063i	-2.3759-0.0970i	3.6842+0.8561i	-6.1200+2.3932i	4.3683+0.9414i
72.1	0.0375+0.0238i	0.0330-0.0545i	0.0211-0.0079i	0.0266-0.0051i	-2.2970-0.0114i	3.5955+0.8439i	-6.0598+2.4441i	4.2123+1.0917i
72.2	0.0378+0.0244i	0.0281-0.0563i	0.0195-0.0088i	0.0241-0.0040i	-2.2817-0.0924i	3.6130+0.7726i	-5.9208+2.4690i	4.3032+0.8462i
72.3	0.0414+0.0251i	0.0239-0.0579i	0.0194-0.0080i	0.0233-0.0036i	-2.2637-0.1297i	3.6294+0.8154i	-5.9921+2.4300i	4.4066+0.9265i
72.4	0.0460+0.0292i	0.0172-0.0625i	0.0197-0.0090i	0.0236-0.0046i	-2.2466-0.1366i	3.6225+0.8162i	-6.0800+2.4884i	4.5025+0.9587i
72.5	0.0508+0.0285i	0.0166-0.0636i	0.0210-0.0097i	0.0233-0.0065i	-2.2183-0.1844i	3.6174+0.7879i	-6.2871+2.5712i	4.5447+0.8732i
72.6	0.0521+0.0309i	0.0189-0.0658i	0.0220-0.0083i	0.0244-0.0052i	-2.1686-0.1152i	3.6310+0.8085i	-6.5658+2.7929i	4.6204+0.9547i
72.7	0.0534+0.0352i	0.0118-0.0674i	0.0204-0.0089i	0.0236-0.0060i	-2.1693-0.0029i	3.6511+0.7954i	-6.2715+2.8694i	4.6654+0.8467i
72.8	0.0553+0.0368i	0.0120-0.0697i	0.0212-0.0093i	0.0236-0.0056i	-2.1902-0.0007i	3.6160+0.7933i	-6.3191+2.7716i	4.6569+0.9362i
72.9	0.0613+0.0409i	0.0087-0.0682i	0.0211-0.0072i	0.0235-0.0047i	-2.1483-0.0189i	3.5645+0.7314i	-6.4794+2.8570i	4.5676+0.8455i
73.0	0.0663+0.0418i	0.0049-0.0691i	0.0210-0.0076i	0.0239-0.0050i	-2.0875-0.0443i	3.5350+0.7180i	-6.5659+3.0223i	4.6033+0.8829i
73.1	0.0673+0.0394i	0.0033-0.0710i	0.0207-0.0077i	0.0243-0.0038i	-2.0631-0.0794i	3.5261+0.7298i	-6.5622+2.9574i	4.7036+0.9291i
73.2	0.0704+0.0366i	0.0016-0.0665i	0.0215-0.0076i	0.0256-0.0029i	-2.0432-0.1049i	3.5044+0.6632i	-6.3552+3.1210i	4.6731+0.8733i
73.3	0.0762+0.0404i	-0.0025-0.0725i	0.0220-0.0077i	0.0269-0.0046i	-2.0116-0.0893i	3.5107+0.7162i	-6.5271+3.4111i	4.7555+0.9640i
73.4	0.0813+0.0375i	-0.0107-0.0676i	0.0217-0.0067i	0.0258-0.0054i	-2.0183-0.1207i	3.4847+0.7075i	-6.3731+3.7122i	4.7427+0.9114i
73.5	0.0826+0.0352i	-0.0139-0.0637i	0.0211-0.0060i	0.0223-0.0038i	-1.9957-0.0725i	3.5055+0.6472i	-6.4143+3.8588i	4.9557+0.7478i
73.6	0.0897+0.0369i	-0.0113-0.0665i	0.0241-0.0064i	0.0261-0.0047i	-1.9236-0.0868i	3.4481+0.6591i	-6.7045+3.7671i	4.8868+0.9489i
73.7	0.0968+0.0371i	-0.0162-0.0641i	0.0247-0.0058i	0.0269-0.0042i	-1.8721-0.1352i	3.4476+0.6893i	-6.9269+4.1222i	4.9236+0.9401i
73.8	0.0989+0.0306i	-0.0195-0.0606i	0.0242-0.0065i	0.0265-0.0038i	-1.8332-0.2022i	3.4752+0.7052i	-6.7492+4.0823i	5.1177+0.9199i
73.9	0.1014+0.0320i	-0.0226-0.0588i	0.0235-0.0069i	0.0256-0.0025i	-1.8228-0.1515i	3.4558+0.6236i	-6.6150+4.3115i	5.1411+0.7196i
74.0	0.1065+0.0341i	-0.0232-0.0651i	0.0246-0.0069i	0.0275-0.0019i	-1.7887-0.0689i	3.4116+0.6519i	-6.8222+4.4727i	5.1212+0.8285i
74.1	0.1093+0.0328i	-0.0241-0.0604i	0.0266-0.0050i	0.0273-0.0010i	-1.7728-0.1075i	3.4360+0.5953i	-6.9315+4.4285i	5.1720+0.7678i
74.2	0.1068+0.0290i	-0.0271-0.0522i	0.0263-0.0039i	0.0266-0.0015i	-1.7455-0.0665i	3.4500+0.5277i	-6.6443+4.5386i	5.1665+0.5829i
74.3	0.1121+0.0219i	-0.0321-0.0503i	0.0258-0.0048i	0.0279-0.0029i	-1.7950-0.0547i	3.4603+0.5724i	-6.9463+4.9102i	5.3760+0.5901i
74.4	0.1177+0.0198i	-0.0352-0.0479i	0.0259-0.0047i	0.0293-0.0013i	-1.7553-0.0632i	3.4623+0.5936i	-7.1092+4.9975i	5.4709+0.6680i
74.5	0.1233+0.0246i	-0.0321-0.0465i	0.0289-0.0026i	0.0311-0.0002i	-1.6880-0.0252i	3.4157+0.6089i	-7.1843+5.1330i	5.4941+0.8424i
74.6	0.1300+0.0234i	-0.0341-0.0481i	0.0316-0.0039i	0.0336-0.0010i	-1.6840-0.0583i	3.4101+0.6214i	-7.1288+5.4315i	5.5761+0.8010i
74.7	0.1361+0.0203i	-0.0350-0.0479i	0.0342-0.0048i	0.0350-0.0009i	-1.6384-0.1320i	3.3747+0.6728i	-7.2321+5.4552i	5.7405+0.9738i
74.8	0.1398+0.0137i	-0.0339-0.0449i	0.0336-0.0063i	0.0370-0.0015i	-1.5759-0.1208i	3.4640+0.6370i	-7.0317+5.6732i	5.9778+0.8566i
74.9	0.1398+0.0014i	-0.0367-0.0366i	0.0329-0.0083i	0.0368-0.0028i	-1.5672-0.1177i	3.4828+0.5617i	-6.5462+6.0147i	6.0634+0.5573i

75.0	0.1461+0.0057i	-0.0322-0.0329i	0.0370-0.0051i	0.0387-0.0012i	-1.5802-0.0928i	3.4034+0.5743i	-6.9123+6.1696i	5.9339+0.7931i
75.1	0.1526+0.0115i	-0.0319-0.0349i	0.0396-0.0033i	0.0401+0.0020i	-1.5567-0.0705i	3.3631+0.5843i	-7.3380+6.4128i	5.9547+0.9119i
75.2	0.1541+0.0101i	-0.0322-0.0354i	0.0407-0.0034i	0.0407+0.0029i	-1.4892+0.0086i	3.3408+0.5645i	-7.2299+6.4307i	6.0273+0.8321i
75.3	0.1563+0.0012i	-0.0343-0.0312i	0.0403-0.0048i	0.0416+0.0015i	-1.5252+0.0015i	3.4048+0.4744i	-7.0489+6.6447i	6.2322+0.5519i
75.4	0.1634-0.0031i	-0.0320-0.0299i	0.0449-0.0062i	0.0456-0.0005i	-1.4943-0.0517i	3.4477+0.4960i	-6.8921+7.2392i	6.4212+0.6190i
75.5	0.1694-0.0104i	-0.0290-0.0287i	0.0482-0.0094i	0.0493-0.0004i	-1.4664-0.0192i	3.4499+0.4746i	-6.7336+7.5991i	6.6358+0.5936i
75.6	0.1742-0.0113i	-0.0289-0.0256i	0.0492-0.0086i	0.0503-0.0013i	-1.3469-0.0516i	3.3526+0.4191i	-6.8099+7.4597i	6.4884+0.4144i
75.7	0.1799-0.0205i	-0.0281-0.0211i	0.0504-0.0099i	0.0518-0.0033i	-1.3210-0.1304i	3.3832+0.3806i	-6.5660+7.8971i	6.6289+0.2648i
75.8	0.1923-0.0269i	-0.0281-0.0245i	0.0547-0.0124i	0.0564-0.0051i	-1.2598-0.1664i	3.3995+0.3834i	-6.5468+8.4601i	6.8845+0.4422i
75.9	0.1986-0.0340i	-0.0288-0.0237i	0.0563-0.0159i	0.0587-0.0075i	-1.2504-0.1294i	3.4143+0.3194i	-6.3757+8.8417i	7.0729+0.2752i
76.0	0.1940-0.0470i	-0.0284-0.0212i	0.0552-0.0199i	0.0575-0.0132i	-1.1760-0.2339i	3.3910+0.3236i	-5.9650+8.9965i	7.2122+0.1296i
76.1	0.1938-0.0450i	-0.0269-0.0154i	0.0555-0.0179i	0.0584-0.0098i	-1.1716-0.1832i	3.3928+0.2835i	-6.0037+8.9052i	7.1927+0.0198i
76.2	0.2067-0.0574i	-0.0253-0.0115i	0.0601-0.0199i	0.0654-0.0104i	-1.1810-0.2460i	3.4468+0.2635i	-5.7975+9.3684i	7.5863-0.0724i
76.3	0.2059-0.0733i	-0.0243-0.0165i	0.0615-0.0260i	0.0659-0.0159i	-1.1512-0.3216i	3.4236+0.2495i	-5.3378+9.5210i	7.7106-0.2005i
76.4	0.2144-0.0800i	-0.0212-0.0229i	0.0652-0.0306i	0.0695-0.0221i	-1.0265-0.3514i	3.3788+0.2465i	-5.0775+9.8653i	7.6943-0.1500i
76.5	0.2116-0.0801i	-0.0187-0.0172i	0.0645-0.0305i	0.0693-0.0211i	-1.0342-0.2849i	3.3374+0.1481i	-4.7635+9.9711i	7.5935-0.3708i
76.6	0.2115-0.0806i	-0.0158-0.0124i	0.0651-0.0284i	0.0696-0.0207i	-0.9882-0.2491i	3.3553+0.0866i	-4.8930+10.1224i	7.6891-0.4916i
76.7	0.2091-0.0954i	-0.0167-0.0141i	0.0638-0.0349i	0.0701-0.0257i	-1.0413-0.2974i	3.3750+0.0246i	-4.3044+10.4853i	7.9202-0.7252i
76.8	0.2182-0.1147i	-0.0144-0.0163i	0.0669-0.0420i	0.0748-0.0318i	-1.0729-0.3308i	3.3879+0.0170i	-3.8333+10.9263i	8.2251-0.8777i
76.9	0.2193-0.1270i	-0.0121-0.0197i	0.0692-0.0469i	0.0769-0.0354i	-0.9934-0.3907i	3.3341-0.0400i	-3.4130+10.9790i	8.2006-1.1093i
77.0	0.2232-0.1368i	-0.0114-0.0230i	0.0704-0.0501i	0.0795-0.0397i	-0.9661-0.5368i	3.3199-0.0420i	-3.3222+11.0117i	8.3499-1.0940i
77.1	0.2226-0.1517i	-0.0095-0.0254i	0.0700-0.0558i	0.0795-0.0445i	-0.9692-0.6229i	3.3491-0.0674i	-3.0828+11.0829i	8.5706-1.1532i
77.2	0.2196-0.1599i	-0.0079-0.0242i	0.0697-0.0581i	0.0788-0.0462i	-0.9727-0.5836i	3.3067-0.1428i	-2.7399+10.8427i	8.4422-1.3488i
77.3	0.2165-0.1886i	-0.0104-0.0255i	0.0687-0.0666i	0.0798-0.0575i	-0.9693-0.7171i	3.2316-0.1532i	-1.8043+11.0985i	8.5411-1.5510i
77.4	0.2108-0.1889i	-0.0085-0.0280i	0.0662-0.0689i	0.0800-0.0597i	-0.8943-0.6284i	3.2056-0.2300i	-1.6621+11.3863i	8.6170-1.7619i
77.5	0.1980-0.2005i	-0.0119-0.0291i	0.0610-0.0716i	0.0745-0.0636i	-0.9680-0.6841i	3.2229-0.2477i	-1.3668+10.8661i	8.8094-2.0126i
77.6	0.1930-0.2136i	-0.0130-0.0324i	0.0602-0.0759i	0.0732-0.0709i	-0.9743-0.7248i	3.1997-0.2729i	-0.8005+10.9501i	8.8848-2.2886i
77.7	0.1793-0.2266i	-0.0118-0.0338i	0.0563-0.0823i	0.0707-0.0746i	-0.9587-0.8032i	3.1107-0.3456i	-0.2914+10.8758i	8.7687-2.6458i
77.8	0.1761-0.2385i	-0.0095-0.0387i	0.0559-0.0881i	0.0710-0.0799i	-0.9091-0.7750i	3.0664-0.3604i	-0.0477+10.6163i	8.8432-2.6549i
77.9	0.1690-0.2562i	-0.0104-0.0408i	0.0529-0.0931i	0.0694-0.0869i	-0.9695-0.8656i	3.0439-0.3971i	0.4380+10.6436i	8.9142-2.8089i
78.0	0.1643-0.2616i	-0.0104-0.0421i	0.0515-0.0961i	0.0687-0.0893i	-0.9486-0.9108i	2.9976-0.4301i	0.4839+10.4386i	9.0333-3.0071i
78.1	0.1610-0.2626i	-0.0090-0.0425i	0.0500-0.0968i	0.0679-0.0905i	-0.9479-0.9115i	2.9525-0.4812i	0.5391+10.6244i	8.9502-3.1254i
78.2	0.1570-0.2751i	-0.0088-0.0467i	0.0491-0.1026i	0.0677-0.0981i	-0.8673-0.9727i	2.9455-0.5408i	0.8549+10.6899i	9.0323-3.2520i
78.3	0.1304-0.2878i	-0.0178-0.0494i	0.0380-0.1081i	0.0567-0.1050i	-0.8603-1.0340i	2.9561-0.6135i	1.3237+10.0977i	9.3573-3.9374i
78.4	0.1159-0.2854i	-0.0213-0.0486i	0.0326-0.1064i	0.0515-0.1021i	-1.0130-1.0774i	2.8418-0.5631i	1.3490+9.5401i	9.1049-4.0103i
78.5	0.0991-0.2858i	-0.0249-0.0499i	0.0270-0.1064i	0.0454-0.1041i	-1.0744-1.0624i	2.7395-0.6264i	1.5412+9.5430i	8.8649-4.4311i
78.6	0.0736-0.2959i	-0.0321-0.0508i	0.0142-0.1105i	0.0347-0.1114i	-1.1257-1.1188i	2.6275-0.6706i	2.0461+9.2367i	8.7928-4.8429i
78.7	0.0571-0.3049i	-0.0361-0.0529i	0.0084-0.1144i	0.0287-0.1175i	-1.1036-1.1983i	2.6156-0.6527i	1.8084+8.2298i	9.0576-4.7320i
78.8	0.0387-0.2929i	-0.0377-0.0485i	0.0021-0.1085i	0.0190-0.1119i	-1.2094-1.0656i	2.5472-0.6653i	1.3838+7.7422i	8.8865-4.8657i
78.9	0.0263-0.2670i	-0.0414-0.0436i	-0.0026-0.0985i	0.0104-0.1030i	-1.3251-0.9661i	2.5205-0.6576i	0.5097+7.4792i	8.8778-5.0291i
79.0	0.0486-0.2454i	-0.0393-0.0412i	0.0066-0.0931i	0.0167-0.0934i	-1.1847-0.8260i	2.5071-0.6536i	-0.5559+8.3056i	9.0074-4.9901i
79.1	0.0731-0.2615i	-0.0368-0.0465i	0.0158-0.1006i	0.0288-0.0974i	-0.9382-0.7753i	2.5026-0.7564i	-0.3136+9.8265i	9.0260-5.4594i
79.2	0.0771-0.3074i	-0.0425-0.0490i	0.0131-0.1155i	0.0289-0.1136i	-0.8035-0.9877i	2.4569-0.8276i	1.0461+10.8548i	9.1947-6.1683i
79.3	0.0570-0.3266i	-0.0503-0.0492i	0.0040-0.1207i	0.0215-0.1216i	-0.8270-1.0868i	2.4375-0.8376i	1.5120+10.6267i	9.4989-6.5227i
79.4	0.0462-0.3291i	-0.0525-0.0480i	-0.0022-0.1209i	0.0185-0.1220i	-0.9160-1.0819i	2.3136-0.8115i	1.7717+10.2392i	9.2332-6.4833i
79.5	0.0202-0.3348i	-0.0545-0.0450i	-0.0114-0.1214i	0.0092-0.1251i	-1.0085-1.0546i	2.2586-0.8348i	2.1146+10.0621i	9.0248-6.7856i
79.6	-0.0124-0.3432i	-0.0629-0.0406i	-0.0240-0.1224i	-0.0043-0.1274i	-1.1068-1.1694i	2.1878-0.8814i	2.6429+9.6721i	9.0565-7.4655i
79.7	-0.0154-0.3363i	-0.0601-0.0374i	-0.0226-0.1188i	-0.0067-0.1244i	-1.0262-1.1511i	2.0556-0.9253i	3.0117+9.5447i	8.4774-7.5496i
79.8	-0.0261-0.3355i	-0.0595-0.0327i	-0.0257-0.1156i	-0.0114-0.1226i	-1.0356-1.1579i	1.9931-0.9220i	2.9399+9.4280i	8.2851-7.9499i
79.9	-0.0681-0.3449i	-0.0695-0.0284i	-0.0416-0.1173i	-0.0275-0.1260i	-1.1558-1.1757i	1.9803-0.9345i	3.3359+9.3069i	8.6066-8.6454i
80.0	-0.0846-0.3304i	-0.0673-0.0251i	-0.0473-0.1124i	-0.0331-0.1218i	-1.1474-1.2340i	1.8834-0.9590i	3.4468+9.1795i	8.0726-8.9400i

1.2 Coherence Data

1.2.1 Run 1 – IP000 – NF and AF gauges

In-plane shaking at 0°. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9978	0.6672	0.9961	0.9983	0.9895	0.9522	0.2495	0.9913
0.1	0.5826	0.5258	0.1052	0.0046	0.5084	0.5468	0.5557	0.4035
0.2	0.8620	0.8566	0.0628	0.0970	0.8220	0.8320	0.8146	0.7066
0.3	0.9122	0.8765	0.0203	0.0854	0.8688	0.9010	0.8350	0.7958
0.4	0.8376	0.8040	0.0277	0.0578	0.8053	0.7855	0.7884	0.7442
0.5	0.7390	0.7359	0.1455	0.1388	0.7523	0.7516	0.6983	0.5685
0.6	0.2028	0.0939	0.0195	0.0077	0.1037	0.1980	0.1067	0.0228
0.7	0.8716	0.8452	0.2133	0.0245	0.8419	0.8784	0.7734	0.7393
0.8	0.9734	0.9732	0.3827	0.1885	0.9746	0.9671	0.9580	0.9310
0.9	0.9873	0.9865	0.5480	0.5443	0.9898	0.9888	0.9755	0.9747
1.0	0.9850	0.9694	0.5668	0.6537	0.9896	0.9896	0.9576	0.9638
1.1	0.9967	0.9957	0.8300	0.8634	0.9956	0.9951	0.9912	0.9905
1.2	0.9983	0.9975	0.9006	0.9121	0.9980	0.9977	0.9963	0.9957
1.3	0.9948	0.9935	0.7183	0.6860	0.9941	0.9942	0.9824	0.9884
1.4	0.9978	0.9973	0.7173	0.7260	0.9979	0.9979	0.9949	0.9969
1.5	0.9989	0.9986	0.8511	0.8185	0.9987	0.9989	0.9982	0.9979
1.6	0.9995	0.9994	0.8906	0.8588	0.9994	0.9994	0.9989	0.9992
1.7	0.9996	0.9995	0.9367	0.9111	0.9996	0.9996	0.9993	0.9994
1.8	0.9998	0.9998	0.9758	0.9614	0.9998	0.9998	0.9998	0.9997
1.9	0.9999	0.9999	0.9846	0.9815	0.9999	0.9999	0.9999	0.9999
2.0	0.9999	0.9999	0.9864	0.9821	0.9999	0.9999	0.9999	0.9998
2.1	0.9994	0.9995	0.9421	0.9471	0.9996	0.9996	0.9996	0.9994
2.2	0.9967	0.9964	0.5825	0.4924	0.9960	0.9961	0.9952	0.9960
2.3	0.9282	0.9260	0.3293	0.3807	0.9225	0.9225	0.9211	0.9222
2.4	0.9759	0.9821	0.7159	0.7551	0.9610	0.9600	0.9709	0.9622
2.5	0.9979	0.9978	0.8021	0.8439	0.8890	0.8863	0.9718	0.9317
2.6	0.9993	0.9994	0.9121	0.9325	0.9873	0.9876	0.7048	0.9672
2.7	0.9997	0.9998	0.9620	0.9593	0.9987	0.9987	0.9936	0.9970
2.8	0.9999	0.9999	0.9808	0.9807	0.9996	0.9996	0.9988	0.9989
2.9	0.9999	0.9999	0.9804	0.9772	0.9997	0.9997	0.9993	0.9995
3.0	0.9999	0.9999	0.9887	0.9919	0.9999	0.9999	0.9998	0.9997
3.1	1.0000	1.0000	0.9921	0.9949	0.9999	0.9999	0.9999	0.9999
3.2	1.0000	1.0000	0.9942	0.9954	1.0000	1.0000	0.9999	0.9999
3.3	1.0000	1.0000	0.9944	0.9957	0.9999	1.0000	0.9999	0.9999
3.4	0.9999	0.9999	0.9908	0.9928	0.9999	0.9999	0.9999	0.9999
3.5	0.9999	0.9999	0.9906	0.9897	0.9999	0.9999	0.9998	0.9999
3.6	0.9999	0.9999	0.9890	0.9902	0.9999	0.9999	0.9998	0.9999
3.7	0.9999	0.9999	0.9856	0.9868	0.9999	0.9999	0.9998	0.9998
3.8	0.9999	0.9999	0.9862	0.9903	0.9999	0.9999	0.9998	0.9998
3.9	0.9999	0.9999	0.9819	0.9859	0.9999	0.9999	0.9998	0.9998
4.0	0.9999	0.9999	0.9794	0.9839	0.9999	0.9999	0.9998	0.9998
4.1	0.9999	0.9999	0.9725	0.9841	0.9998	0.9998	0.9996	0.9997
4.2	0.9999	0.9998	0.9658	0.9854	0.9998	0.9998	0.9996	0.9997
4.3	0.9998	0.9998	0.9696	0.9748	0.9997	0.9998	0.9996	0.9996
4.4	0.9998	0.9998	0.9431	0.9773	0.9998	0.9998	0.9995	0.9996
4.5	0.9998	0.9998	0.9590	0.9784	0.9998	0.9998	0.9997	0.9997
4.6	0.9998	0.9998	0.9441	0.9787	0.9998	0.9998	0.9995	0.9995
4.7	0.9998	0.9997	0.9301	0.9611	0.9997	0.9997	0.9993	0.9994
4.8	0.9997	0.9996	0.9165	0.9609	0.9996	0.9997	0.9992	0.9994
4.9	0.9996	0.9995	0.8944	0.9578	0.9995	0.9996	0.9988	0.9993
5.0	0.9996	0.9994	0.8642	0.9478	0.9994	0.9995	0.9984	0.9990
5.1	0.9995	0.9994	0.8461	0.9500	0.9994	0.9993	0.9982	0.9990
5.2	0.9997	0.9997	0.8373	0.9591	0.9996	0.9996	0.9989	0.9994
5.3	0.9996	0.9995	0.7905	0.9568	0.9994	0.9995	0.9982	0.9992
5.4	0.9996	0.9995	0.7909	0.9515	0.9994	0.9995	0.9984	0.9992
5.5	0.9996	0.9996	0.6790	0.9682	0.9996	0.9996	0.9987	0.9992
5.6	0.9997	0.9996	0.6696	0.9650	0.9997	0.9996	0.9989	0.9993
5.7	0.9997	0.9996	0.6143	0.9770	0.9995	0.9996	0.9990	0.9992
5.8	0.9996	0.9996	0.5667	0.9728	0.9996	0.9996	0.9991	0.9990
5.9	0.9996	0.9995	0.4684	0.9620	0.9995	0.9996	0.9987	0.9989
6.0	0.9996	0.9994	0.5517	0.9561	0.9995	0.9996	0.9985	0.9984
6.1	0.9995	0.9995	0.6358	0.9578	0.9995	0.9995	0.9986	0.9986
6.2	0.9994	0.9993	0.7264	0.9483	0.9993	0.9994	0.9987	0.9985
6.3	0.9995	0.9994	0.8142	0.9496	0.9994	0.9995	0.9986	0.9987
6.4	0.9994	0.9993	0.8335	0.9467	0.9994	0.9994	0.9985	0.9984
6.5	0.9993	0.9993	0.8487	0.9559	0.9992	0.9993	0.9986	0.9982
6.6	0.9995	0.9994	0.9301	0.9688	0.9994	0.9995	0.9984	0.9987
6.7	0.9994	0.9992	0.9607	0.9700	0.9993	0.9993	0.9984	0.9984
6.8	0.9995	0.9994	0.9750	0.9796	0.9995	0.9995	0.9986	0.9984
6.9	0.9994	0.9993	0.9862	0.9839	0.9993	0.9995	0.9986	0.9987
7.0	0.9993	0.9991	0.9883	0.9876	0.9992	0.9993	0.9983	0.9980
7.1	0.9990	0.9991	0.9913	0.9894	0.9988	0.9991	0.9985	0.9976
7.2	0.9990	0.9990	0.9958	0.9943	0.9988	0.9990	0.9981	0.9976
7.3	0.9990	0.9993	0.9953	0.9919	0.9990	0.9992	0.9987	0.9980
7.4	0.9990	0.9994	0.9962	0.9922	0.9990	0.9993	0.9988	0.9976
7.5	0.9990	0.9992	0.9954	0.9847	0.9990	0.9991	0.9981	0.9979
7.6	0.9990	0.9991	0.9924	0.9750	0.9989	0.9990	0.9984	0.9979

7.7	0.9993	0.9992	0.9937	0.9665	0.9992	0.9993	0.9988	0.9984
7.8	0.9994	0.9994	0.9943	0.9676	0.9993	0.9994	0.9992	0.9985
7.9	0.9992	0.9993	0.9915	0.9546	0.9990	0.9991	0.9987	0.9980
8.0	0.9993	0.9993	0.9922	0.9498	0.9992	0.9993	0.9989	0.9984
8.1	0.9993	0.9993	0.9860	0.9383	0.9993	0.9992	0.9992	0.9984
8.2	0.9993	0.9992	0.9897	0.9546	0.9990	0.9992	0.9990	0.9983
8.3	0.9991	0.9992	0.9915	0.9600	0.9989	0.9991	0.9991	0.9979
8.4	0.9991	0.9992	0.9905	0.9621	0.9992	0.9992	0.9990	0.9984
8.5	0.9993	0.9992	0.9919	0.9661	0.9991	0.9992	0.9992	0.9984
8.6	0.9991	0.9990	0.9933	0.9685	0.9989	0.9991	0.9990	0.9983
8.7	0.9993	0.9993	0.9929	0.9862	0.9992	0.9993	0.9992	0.9985
8.8	0.9992	0.9991	0.9933	0.9850	0.9990	0.9991	0.9991	0.9984
8.9	0.9994	0.9992	0.9926	0.9890	0.9992	0.9993	0.9990	0.9991
9.0	0.9988	0.9987	0.9909	0.9900	0.9985	0.9987	0.9987	0.9976
9.1	0.9985	0.9986	0.9884	0.9870	0.9981	0.9981	0.9981	0.9975
9.2	0.9988	0.9987	0.9904	0.9889	0.9984	0.9985	0.9983	0.9975
9.3	0.9984	0.9980	0.9910	0.9919	0.9979	0.9981	0.9977	0.9978
9.4	0.9988	0.9985	0.9931	0.9960	0.9984	0.9985	0.9983	0.9982
9.5	0.9992	0.9989	0.9910	0.9968	0.9986	0.9989	0.9986	0.9977
9.6	0.9988	0.9988	0.9790	0.9938	0.9980	0.9982	0.9971	0.9969
9.7	0.9994	0.9992	0.9696	0.9955	0.9984	0.9986	0.9972	0.9969
9.8	0.9993	0.9991	0.9541	0.9938	0.9985	0.9987	0.9964	0.9962
9.9	0.9992	0.9993	0.9214	0.9919	0.9990	0.9987	0.9968	0.9968
10.0	0.9991	0.9990	0.9237	0.9887	0.9988	0.9988	0.9979	0.9966
10.1	0.9990	0.9991	0.8537	0.9798	0.9989	0.9987	0.9979	0.9971
10.2	0.9992	0.9993	0.8324	0.9824	0.9991	0.9991	0.9983	0.9977
10.3	0.9994	0.9993	0.7955	0.9679	0.9992	0.9992	0.9983	0.9980
10.4	0.9994	0.9994	0.8618	0.9750	0.9993	0.9992	0.9988	0.9981
10.5	0.9992	0.9993	0.6676	0.9626	0.9992	0.9991	0.9988	0.9978
10.6	0.9989	0.9990	0.4138	0.9578	0.9987	0.9989	0.9987	0.9977
10.7	0.9992	0.9991	0.3159	0.9496	0.9991	0.9991	0.9989	0.9984
10.8	0.9992	0.9991	0.5693	0.9409	0.9990	0.9990	0.9992	0.9979
10.9	0.9988	0.9988	0.4759	0.9575	0.9987	0.9986	0.9987	0.9976
11.0	0.9992	0.9992	0.4761	0.9351	0.9991	0.9991	0.9989	0.9980
11.1	0.9992	0.9991	0.5874	0.9394	0.9991	0.9991	0.9989	0.9981
11.2	0.9993	0.9992	0.7629	0.9350	0.9992	0.9991	0.9990	0.9980
11.3	0.9988	0.9989	0.8913	0.9364	0.9988	0.9989	0.9983	0.9975
11.4	0.9989	0.9990	0.9146	0.9515	0.9989	0.9988	0.9985	0.9980
11.5	0.9988	0.9989	0.9410	0.9712	0.9989	0.9988	0.9988	0.9981
11.6	0.9988	0.9989	0.9664	0.9642	0.9988	0.9986	0.9986	0.9979
11.7	0.9986	0.9984	0.9516	0.9715	0.9985	0.9985	0.9982	0.9981
11.8	0.9985	0.9983	0.9530	0.9637	0.9985	0.9985	0.9979	0.9981
11.9	0.9986	0.9988	0.9572	0.9598	0.9987	0.9985	0.9985	0.9981
12.0	0.9982	0.9985	0.9343	0.9383	0.9983	0.9981	0.9982	0.9975
12.1	0.9986	0.9986	0.9089	0.8975	0.9986	0.9984	0.9982	0.9980
12.2	0.9977	0.9978	0.8282	0.7296	0.9979	0.9977	0.9976	0.9973
12.3	0.9981	0.9982	0.8145	0.7719	0.9980	0.9981	0.9980	0.9972
12.4	0.9983	0.9983	0.8368	0.7559	0.9982	0.9983	0.9983	0.9978
12.5	0.9983	0.9983	0.8196	0.7431	0.9982	0.9982	0.9984	0.9977
12.6	0.9982	0.9984	0.8167	0.8475	0.9983	0.9982	0.9985	0.9977
12.7	0.9987	0.9988	0.7757	0.7993	0.9986	0.9987	0.9987	0.9983
12.8	0.9988	0.9988	0.5737	0.7611	0.9988	0.9988	0.9987	0.9985
12.9	0.9986	0.9989	0.5460	0.7202	0.9988	0.9988	0.9987	0.9982
13.0	0.9992	0.9992	0.4377	0.7984	0.9992	0.9991	0.9993	0.9988
13.1	0.9986	0.9987	0.6250	0.7785	0.9986	0.9986	0.9987	0.9981
13.2	0.9982	0.9984	0.5857	0.7495	0.9982	0.9982	0.9984	0.9976
13.3	0.9984	0.9986	0.6713	0.7750	0.9986	0.9983	0.9986	0.9980
13.4	0.9978	0.9978	0.7710	0.7543	0.9979	0.9978	0.9980	0.9974
13.5	0.9978	0.9979	0.7596	0.7712	0.9979	0.9979	0.9983	0.9974
13.6	0.9980	0.9981	0.8370	0.8092	0.9980	0.9980	0.9983	0.9977
13.7	0.9966	0.9969	0.8703	0.8111	0.9969	0.9966	0.9968	0.9965
13.8	0.9970	0.9970	0.8747	0.8867	0.9967	0.9969	0.9971	0.9961
13.9	0.9967	0.9971	0.9124	0.8976	0.9970	0.9968	0.9971	0.9965
14.0	0.9973	0.9976	0.9500	0.9354	0.9975	0.9972	0.9975	0.9974
14.1	0.9976	0.9979	0.9517	0.9520	0.9978	0.9975	0.9978	0.9975
14.2	0.9974	0.9977	0.9597	0.9560	0.9976	0.9974	0.9978	0.9973
14.3	0.9964	0.9966	0.9575	0.9586	0.9963	0.9963	0.9968	0.9961
14.4	0.9963	0.9966	0.9630	0.9560	0.9965	0.9962	0.9966	0.9962
14.5	0.9974	0.9974	0.9616	0.9524	0.9975	0.9972	0.9974	0.9972
14.6	0.9959	0.9961	0.9482	0.9339	0.9963	0.9958	0.9960	0.9959
14.7	0.9960	0.9965	0.9525	0.9448	0.9965	0.9958	0.9962	0.9963
14.8	0.9965	0.9968	0.9602	0.9543	0.9967	0.9962	0.9966	0.9965
14.9	0.9942	0.9943	0.9518	0.9464	0.9944	0.9940	0.9943	0.9944
15.0	0.9951	0.9954	0.9496	0.9313	0.9954	0.9948	0.9952	0.9954
15.1	0.9938	0.9942	0.9366	0.9159	0.9941	0.9934	0.9937	0.9937
15.2	0.9945	0.9947	0.9206	0.9058	0.9945	0.9943	0.9945	0.9945
15.3	0.9941	0.9944	0.8709	0.8519	0.9944	0.9941	0.9944	0.9944
15.4	0.9934	0.9936	0.8279	0.7902	0.9935	0.9929	0.9932	0.9934
15.5	0.9928	0.9933	0.8103	0.8115	0.9930	0.9927	0.9928	0.9931
15.6	0.9939	0.9940	0.8842	0.8818	0.9941	0.9937	0.9940	0.9939
15.7	0.9918	0.9924	0.9008	0.9008	0.9924	0.9915	0.9921	0.9922
15.8	0.9905	0.9908	0.9247	0.9242	0.9907	0.9900	0.9904	0.9907
15.9	0.9884	0.9888	0.9183	0.9242	0.9883	0.9880	0.9880	0.9880
16.0	0.9883	0.9888	0.9439	0.9490	0.9884	0.9883	0.9884	0.9881
16.1	0.9868	0.9867	0.9530	0.9559	0.9866	0.9863	0.9863	0.9861
16.2	0.9848	0.9849	0.9516	0.9551	0.9851	0.9848	0.9850	0.9849

16.3	0.9769	0.9775	0.9371	0.9351	0.9772	0.9769	0.9770	0.9775
16.4	0.9785	0.9787	0.9491	0.9513	0.9783	0.9779	0.9780	0.9783
16.5	0.9791	0.9793	0.9525	0.9536	0.9790	0.9789	0.9789	0.9788
16.6	0.9731	0.9733	0.9588	0.9650	0.9730	0.9731	0.9733	0.9730
16.7	0.9755	0.9754	0.9648	0.9665	0.9746	0.9746	0.9744	0.9748
16.8	0.9719	0.9721	0.9657	0.9679	0.9713	0.9714	0.9715	0.9708
16.9	0.9679	0.9676	0.9607	0.9622	0.9672	0.9678	0.9676	0.9667
17.0	0.9807	0.9806	0.9715	0.9693	0.9801	0.9803	0.9802	0.9799
17.1	0.9864	0.9859	0.9686	0.9682	0.9857	0.9860	0.9857	0.9856
17.2	0.9882	0.9880	0.9848	0.9840	0.9878	0.9881	0.9879	0.9877
17.3	0.9908	0.9908	0.9858	0.9832	0.9903	0.9906	0.9905	0.9900
17.4	0.9921	0.9920	0.9830	0.9787	0.9918	0.9918	0.9919	0.9917
17.5	0.9935	0.9933	0.9836	0.9829	0.9930	0.9931	0.9930	0.9927
17.6	0.9947	0.9947	0.9904	0.9906	0.9946	0.9948	0.9946	0.9946
17.7	0.9963	0.9963	0.9884	0.9891	0.9960	0.9961	0.9960	0.9958
17.8	0.9965	0.9964	0.9860	0.9878	0.9962	0.9963	0.9963	0.9960
17.9	0.9973	0.9973	0.9896	0.9908	0.9972	0.9973	0.9973	0.9971
18.0	0.9976	0.9975	0.9883	0.9914	0.9974	0.9974	0.9974	0.9972
18.1	0.9980	0.9980	0.9921	0.9925	0.9979	0.9979	0.9979	0.9978
18.2	0.9985	0.9984	0.9922	0.9941	0.9984	0.9984	0.9984	0.9983
18.3	0.9985	0.9984	0.9927	0.9953	0.9984	0.9984	0.9984	0.9983
18.4	0.9983	0.9983	0.9944	0.9955	0.9983	0.9984	0.9984	0.9982
18.5	0.9989	0.9988	0.9964	0.9966	0.9988	0.9989	0.9988	0.9987
18.6	0.9988	0.9987	0.9975	0.9974	0.9987	0.9987	0.9988	0.9986
18.7	0.9991	0.9991	0.9974	0.9970	0.9991	0.9992	0.9991	0.9991
18.8	0.9989	0.9989	0.9972	0.9963	0.9988	0.9989	0.9989	0.9987
18.9	0.9988	0.9988	0.9956	0.9958	0.9986	0.9987	0.9986	0.9985
19.0	0.9991	0.9990	0.9968	0.9962	0.9990	0.9990	0.9991	0.9989
19.1	0.9991	0.9991	0.9964	0.9968	0.9991	0.9991	0.9991	0.9990
19.2	0.9993	0.9992	0.9956	0.9969	0.9991	0.9992	0.9991	0.9990
19.3	0.9992	0.9991	0.9943	0.9966	0.9991	0.9991	0.9991	0.9989
19.4	0.9991	0.9991	0.9942	0.9964	0.9989	0.9990	0.9989	0.9987
19.5	0.9993	0.9993	0.9928	0.9963	0.9992	0.9992	0.9991	0.9990
19.6	0.9989	0.9988	0.9906	0.9955	0.9987	0.9989	0.9989	0.9986
19.7	0.9989	0.9988	0.9899	0.9946	0.9988	0.9989	0.9988	0.9986
19.8	0.9993	0.9992	0.9904	0.9955	0.9993	0.9993	0.9993	0.9992
19.9	0.9991	0.9991	0.9840	0.9947	0.9990	0.9990	0.9990	0.9990
20.0	0.9989	0.9989	0.9817	0.9934	0.9989	0.9990	0.9990	0.9989
20.1	0.9987	0.9986	0.9719	0.9948	0.9984	0.9985	0.9984	0.9983
20.2	0.9987	0.9984	0.9827	0.9935	0.9982	0.9984	0.9981	0.9979
20.3	0.9984	0.9983	0.9772	0.9933	0.9982	0.9982	0.9981	0.9978
20.4	0.9984	0.9983	0.9793	0.9933	0.9985	0.9986	0.9985	0.9983
20.5	0.9984	0.9981	0.9675	0.9918	0.9981	0.9983	0.9981	0.9978
20.6	0.9978	0.9976	0.9640	0.9909	0.9977	0.9977	0.9976	0.9974
20.7	0.9985	0.9984	0.9605	0.9923	0.9980	0.9981	0.9977	0.9977
20.8	0.9982	0.9982	0.9686	0.9894	0.9972	0.9976	0.9971	0.9967
20.9	0.9985	0.9983	0.9713	0.9903	0.9974	0.9978	0.9973	0.9970
21.0	0.9980	0.9976	0.9541	0.9851	0.9970	0.9974	0.9969	0.9964
21.1	0.9975	0.9969	0.9557	0.9853	0.9965	0.9973	0.9967	0.9961
21.2	0.9974	0.9968	0.9493	0.9865	0.9966	0.9972	0.9964	0.9956
21.3	0.9981	0.9973	0.9427	0.9866	0.9965	0.9973	0.9965	0.9956
21.4	0.9974	0.9968	0.9247	0.9794	0.9953	0.9961	0.9949	0.9943
21.5	0.9981	0.9976	0.9063	0.9859	0.9957	0.9966	0.9948	0.9938
21.6	0.9985	0.9979	0.9247	0.9883	0.9966	0.9969	0.9960	0.9941
21.7	0.9983	0.9975	0.9149	0.9900	0.9955	0.9959	0.9947	0.9931
21.8	0.9973	0.9958	0.8870	0.9846	0.9928	0.9944	0.9922	0.9886
21.9	0.9974	0.9962	0.8719	0.9877	0.9905	0.9931	0.9899	0.9870
22.0	0.9971	0.9966	0.8662	0.9840	0.9894	0.9914	0.9873	0.9833
22.1	0.9971	0.9960	0.8739	0.9819	0.9884	0.9914	0.9864	0.9832
22.2	0.9964	0.9957	0.8558	0.9857	0.9888	0.9921	0.9863	0.9827
22.3	0.9965	0.9951	0.7966	0.9861	0.9871	0.9906	0.9863	0.9829
22.4	0.9978	0.9969	0.8115	0.9856	0.9891	0.9927	0.9870	0.9848
22.5	0.9977	0.9966	0.7266	0.9785	0.9879	0.9903	0.9836	0.9834
22.6	0.9970	0.9957	0.6974	0.9755	0.9839	0.9885	0.9819	0.9757
22.7	0.9965	0.9955	0.7428	0.9758	0.9811	0.9857	0.9780	0.9715
22.8	0.9962	0.9955	0.7759	0.9800	0.9820	0.9865	0.9766	0.9746
22.9	0.9971	0.9966	0.8223	0.9673	0.9853	0.9886	0.9812	0.9790
23.0	0.9965	0.9961	0.7635	0.9760	0.9848	0.9898	0.9812	0.9789
23.1	0.9951	0.9948	0.7653	0.9544	0.9820	0.9870	0.9758	0.9740
23.2	0.9945	0.9937	0.7982	0.9429	0.9840	0.9867	0.9801	0.9772
23.3	0.9944	0.9925	0.7894	0.9509	0.9801	0.9847	0.9773	0.9757
23.4	0.9951	0.9934	0.7458	0.9590	0.9806	0.9851	0.9752	0.9714
23.5	0.9960	0.9950	0.8153	0.9590	0.9851	0.9896	0.9834	0.9788
23.6	0.9957	0.9946	0.7488	0.9656	0.9844	0.9879	0.9794	0.9792
23.7	0.9937	0.9927	0.6846	0.9388	0.9804	0.9835	0.9752	0.9711
23.8	0.9933	0.9925	0.6671	0.9347	0.9796	0.9828	0.9752	0.9695
23.9	0.9936	0.9921	0.6767	0.9028	0.9808	0.9840	0.9770	0.9704
24.0	0.9913	0.9911	0.6917	0.9255	0.9796	0.9818	0.9752	0.9712
24.1	0.9929	0.9911	0.7486	0.9118	0.9795	0.9831	0.9723	0.9735
24.2	0.9940	0.9924	0.7700	0.9323	0.9795	0.9850	0.9754	0.9751
24.3	0.9899	0.9894	0.6167	0.9280	0.9744	0.9782	0.9666	0.9670
24.4	0.9907	0.9900	0.6780	0.9003	0.9770	0.9801	0.9666	0.9686
24.5	0.9948	0.9937	0.7938	0.9263	0.9869	0.9873	0.9821	0.9805
24.6	0.9939	0.9926	0.7778	0.9159	0.9827	0.9858	0.9802	0.9760
24.7	0.9935	0.9918	0.7401	0.9070	0.9808	0.9847	0.9737	0.9754
24.8	0.9933	0.9916	0.7009	0.9068	0.9818	0.9863	0.9773	0.9765

24.9	0.9896	0.9899	0.7446	0.8811	0.9781	0.9795	0.9741	0.9705
25.0	0.9899	0.9900	0.6985	0.8902	0.9819	0.9830	0.9743	0.9710
25.1	0.9882	0.9880	0.6570	0.8913	0.9763	0.9766	0.9711	0.9693
25.2	0.9896	0.9891	0.6780	0.8937	0.9775	0.9756	0.9696	0.9638
25.3	0.9921	0.9904	0.6196	0.8901	0.9775	0.9830	0.9735	0.9746
25.4	0.9920	0.9913	0.6703	0.9023	0.9836	0.9818	0.9756	0.9743
25.5	0.9896	0.9896	0.5956	0.8557	0.9777	0.9810	0.9756	0.9698
25.6	0.9876	0.9876	0.5070	0.8285	0.9718	0.9755	0.9670	0.9554
25.7	0.9903	0.9896	0.6283	0.8723	0.9758	0.9791	0.9720	0.9681
25.8	0.9886	0.9884	0.5989	0.8762	0.9789	0.9819	0.9729	0.9689
25.9	0.9899	0.9897	0.6722	0.9076	0.9780	0.9776	0.9717	0.9726
26.0	0.9870	0.9858	0.6470	0.8758	0.9709	0.9679	0.9617	0.9519
26.1	0.9860	0.9829	0.5640	0.8625	0.9640	0.9659	0.9578	0.9513
26.2	0.9888	0.9884	0.5212	0.8996	0.9750	0.9762	0.9672	0.9546
26.3	0.9874	0.9852	0.5551	0.8680	0.9639	0.9716	0.9549	0.9598
26.4	0.9889	0.9858	0.6149	0.8957	0.9668	0.9662	0.9582	0.9572
26.5	0.9858	0.9821	0.4105	0.8176	0.9591	0.9591	0.9437	0.9455
26.6	0.9902	0.9892	0.6088	0.9054	0.9693	0.9752	0.9573	0.9434
26.7	0.9907	0.9870	0.6418	0.8866	0.9695	0.9727	0.9558	0.9555
26.8	0.9836	0.9794	0.5118	0.8178	0.9539	0.9594	0.9272	0.9287
26.9	0.9819	0.9806	0.4954	0.8114	0.9475	0.9441	0.9345	0.9263
27.0	0.9880	0.9870	0.6687	0.8397	0.9582	0.9684	0.9441	0.9225
27.1	0.9881	0.9898	0.6471	0.8322	0.9618	0.9642	0.9430	0.9255
27.2	0.9882	0.9879	0.5522	0.8162	0.9590	0.9529	0.9231	0.9011
27.3	0.9848	0.9824	0.5769	0.8103	0.9503	0.9369	0.9104	0.8873
27.4	0.9854	0.9828	0.5219	0.8258	0.9490	0.9478	0.9255	0.8991
27.5	0.9833	0.9792	0.4339	0.7822	0.9489	0.9379	0.8954	0.8859
27.6	0.9809	0.9811	0.3537	0.7305	0.9174	0.9325	0.8654	0.8454
27.7	0.9865	0.9794	0.4847	0.7430	0.9329	0.9226	0.8726	0.8650
27.8	0.9858	0.9813	0.5605	0.7932	0.9336	0.9418	0.8877	0.8841
27.9	0.9831	0.9785	0.4797	0.7858	0.9254	0.9222	0.8598	0.8187
28.0	0.9818	0.9833	0.5012	0.7398	0.9102	0.8960	0.8471	0.7959
28.1	0.9806	0.9784	0.3071	0.7518	0.8893	0.8970	0.8198	0.7848
28.2	0.9848	0.9771	0.3960	0.7762	0.9161	0.9373	0.8546	0.8399
28.3	0.9856	0.9809	0.2948	0.7343	0.9288	0.9134	0.8371	0.8078
28.4	0.9728	0.9662	0.1578	0.6238	0.8168	0.8369	0.6239	0.6919
28.5	0.9736	0.9728	0.1612	0.7288	0.8216	0.8359	0.6760	0.6031
28.6	0.9796	0.9779	0.1539	0.7445	0.8341	0.8516	0.6531	0.7123
28.7	0.9846	0.9755	0.0906	0.6322	0.7932	0.8395	0.5814	0.6786
28.8	0.9807	0.9806	0.0026	0.6766	0.7512	0.8212	0.3749	0.5491
28.9	0.9796	0.9755	0.1239	0.7346	0.7705	0.8031	0.3714	0.5079
29.0	0.9762	0.9772	0.0880	0.6238	0.7246	0.7652	0.3305	0.4432
29.1	0.9778	0.9736	0.1602	0.7392	0.6716	0.7073	0.1837	0.3870
29.2	0.9620	0.9594	0.0990	0.6121	0.4666	0.5948	0.0171	0.1358
29.3	0.9672	0.9578	0.0029	0.5078	0.4136	0.5091	0.0022	0.0734
29.4	0.9674	0.9613	0.0027	0.5720	0.3369	0.5295	0.0309	0.0666
29.5	0.9547	0.9515	0.0626	0.6638	0.2751	0.4860	0.1373	0.0030
29.6	0.9658	0.9469	0.0031	0.5742	0.0990	0.3110	0.1561	0.0535
29.7	0.9533	0.9378	0.0061	0.4529	0.0068	0.2858	0.2472	0.0448
29.8	0.9484	0.9243	0.0185	0.5311	0.0004	0.2430	0.3932	0.2156
29.9	0.9070	0.8687	0.0317	0.5435	0.2368	0.1916	0.5619	0.4160
30.0	0.9488	0.9248	0.0035	0.5235	0.3457	0.2792	0.6951	0.5886
30.1	0.9125	0.8678	0.0005	0.3675	0.4190	0.2817	0.6006	0.6209
30.2	0.9183	0.9104	0.0539	0.4334	0.4551	0.3328	0.7301	0.5708
30.3	0.8924	0.8527	0.1021	0.3902	0.4354	0.3357	0.6486	0.6048
30.4	0.9053	0.8848	0.0315	0.3537	0.6449	0.4660	0.7809	0.7358
30.5	0.9158	0.8700	0.0784	0.3800	0.7051	0.5945	0.8160	0.7778
30.6	0.8896	0.8488	0.0065	0.2122	0.6767	0.6002	0.8263	0.7795
30.7	0.9175	0.8493	0.0027	0.3053	0.8550	0.7984	0.8974	0.8563
30.8	0.8762	0.8400	0.0182	0.3898	0.7903	0.8329	0.9042	0.8400
30.9	0.8794	0.7909	0.0277	0.2919	0.8449	0.8253	0.9192	0.8814
31.0	0.8771	0.8025	0.0125	0.3186	0.8710	0.8355	0.9062	0.8963
31.1	0.8319	0.7663	0.0457	0.1753	0.8468	0.8384	0.8984	0.8673
31.2	0.7152	0.6815	0.0012	0.2750	0.8306	0.8563	0.8883	0.8638
31.3	0.5284	0.5461	0.0306	0.1015	0.8581	0.8129	0.8790	0.8613
31.4	0.7358	0.6552	0.0444	0.1331	0.8785	0.8808	0.9215	0.8790
31.5	0.7480	0.7164	0.0013	0.1680	0.9168	0.9237	0.9395	0.9225
31.6	0.7350	0.7007	0.0271	0.1967	0.9069	0.9204	0.9498	0.9215
31.7	0.6808	0.5036	0.0040	0.2661	0.9144	0.9301	0.9551	0.9399
31.8	0.7279	0.5062	0.0004	0.2454	0.9473	0.9455	0.9534	0.9441
31.9	0.5071	0.4796	0.0070	0.1026	0.9484	0.9526	0.9542	0.9453
32.0	0.5818	0.4380	0.0229	0.1303	0.9244	0.9374	0.9524	0.9333
32.1	0.4927	0.3133	0.0115	0.1057	0.9200	0.9252	0.9456	0.9160
32.2	0.4724	0.3989	0.0143	0.1834	0.9358	0.9519	0.9565	0.9361
32.3	0.5568	0.3987	0.0282	0.1950	0.9429	0.9554	0.9582	0.9349
32.4	0.5106	0.2397	0.0375	0.2446	0.9455	0.9601	0.9555	0.9384
32.5	0.5246	0.2021	0.0253	0.2925	0.9514	0.9515	0.9583	0.9464
32.6	0.5973	0.4247	0.0249	0.4756	0.9719	0.9640	0.9744	0.9599
32.7	0.6627	0.3516	0.0418	0.4119	0.9752	0.9732	0.9778	0.9639
32.8	0.5689	0.3179	0.0564	0.2265	0.9578	0.9616	0.9602	0.9413
32.9	0.7065	0.4842	0.1224	0.2043	0.9642	0.9628	0.9657	0.9602
33.0	0.7122	0.5806	0.1091	0.2704	0.9660	0.9704	0.9733	0.9659
33.1	0.6113	0.4292	0.0549	0.2002	0.9639	0.9680	0.9677	0.9569
33.2	0.8420	0.6732	0.1190	0.4118	0.9737	0.9734	0.9733	0.9622
33.3	0.8240	0.6968	0.2286	0.4385	0.9727	0.9723	0.9772	0.9606
33.4	0.7797	0.7039	0.0709	0.5067	0.9612	0.9706	0.9720	0.9622

33.5	0.7804	0.6500	0.0486	0.5021	0.9602	0.9588	0.9617	0.9488
33.6	0.7354	0.6715	0.1357	0.3477	0.9460	0.9429	0.9499	0.9305
33.7	0.5771	0.5616	0.0341	0.4631	0.9333	0.9411	0.9399	0.9265
33.8	0.6471	0.6364	0.1151	0.5180	0.9403	0.9437	0.9506	0.9332
33.9	0.4433	0.5633	0.0596	0.3749	0.9187	0.9320	0.9340	0.9119
34.0	0.4091	0.5989	0.0040	0.2161	0.9228	0.9270	0.9438	0.9087
34.1	0.6280	0.6699	0.1139	0.2137	0.9437	0.9524	0.9551	0.9367
34.2	0.5994	0.6777	0.0985	0.0623	0.9359	0.9477	0.9477	0.9316
34.3	0.8170	0.7811	0.0540	0.0034	0.9592	0.9642	0.9661	0.9531
34.4	0.9174	0.8389	0.1333	0.0434	0.9711	0.9775	0.9780	0.9636
34.5	0.9052	0.8858	0.2372	0.0190	0.9702	0.9791	0.9804	0.9667
34.6	0.9349	0.9152	0.3845	0.0718	0.9766	0.9809	0.9834	0.9724
34.7	0.9702	0.9455	0.3487	0.0246	0.9843	0.9870	0.9868	0.9785
34.8	0.9516	0.9377	0.3560	0.1167	0.9794	0.9832	0.9849	0.9731
34.9	0.9605	0.9163	0.2785	0.0538	0.9764	0.9810	0.9836	0.9692
35.0	0.9619	0.9298	0.4090	0.0617	0.9772	0.9823	0.9847	0.9714
35.1	0.9717	0.9591	0.3933	0.1153	0.9783	0.9828	0.9870	0.9728
35.2	0.9625	0.9317	0.3702	0.2385	0.9758	0.9786	0.9813	0.9719
35.3	0.9656	0.9303	0.3323	0.1926	0.9736	0.9787	0.9796	0.9727
35.4	0.9625	0.9382	0.3095	0.3812	0.9696	0.9740	0.9773	0.9623
35.5	0.9579	0.9325	0.3407	0.2676	0.9641	0.9710	0.9739	0.9578
35.6	0.9675	0.9448	0.2744	0.4042	0.9670	0.9758	0.9744	0.9666
35.7	0.9463	0.9237	0.3068	0.4638	0.9560	0.9642	0.9644	0.9537
35.8	0.9621	0.9444	0.4107	0.4774	0.9630	0.9688	0.9690	0.9630
35.9	0.9624	0.9394	0.5206	0.4990	0.9610	0.9671	0.9651	0.9604
36.0	0.9662	0.9448	0.4054	0.5603	0.9588	0.9650	0.9623	0.9601
36.1	0.9765	0.9621	0.5275	0.6975	0.9767	0.9803	0.9779	0.9780
36.2	0.9780	0.9694	0.6874	0.6832	0.9834	0.9851	0.9841	0.9832
36.3	0.9629	0.9532	0.6096	0.6246	0.9710	0.9741	0.9727	0.9716
36.4	0.9705	0.9464	0.5641	0.6919	0.9688	0.9717	0.9677	0.9698
36.5	0.9756	0.9668	0.6762	0.7603	0.9795	0.9830	0.9779	0.9802
36.6	0.9812	0.9649	0.6919	0.8016	0.9832	0.9852	0.9792	0.9839
36.7	0.9804	0.9757	0.7282	0.7658	0.9855	0.9883	0.9820	0.9883
36.8	0.9797	0.9608	0.6899	0.7252	0.9823	0.9840	0.9789	0.9830
36.9	0.9796	0.9558	0.6645	0.6187	0.9770	0.9815	0.9724	0.9796
37.0	0.9831	0.9628	0.7119	0.7225	0.9841	0.9867	0.9786	0.9847
37.1	0.9817	0.9676	0.6891	0.7396	0.9841	0.9865	0.9806	0.9856
37.2	0.9721	0.9430	0.6358	0.6344	0.9768	0.9790	0.9622	0.9807
37.3	0.9704	0.9564	0.6937	0.7389	0.9791	0.9840	0.9663	0.9847
37.4	0.9666	0.9693	0.4765	0.4694	0.9855	0.9878	0.9748	0.9868
37.5	0.9810	0.9586	0.7235	0.6421	0.9777	0.9802	0.9620	0.9831
37.6	0.9808	0.9616	0.7855	0.8121	0.9799	0.9825	0.9654	0.9843
37.7	0.9848	0.9737	0.7485	0.8119	0.9839	0.9857	0.9694	0.9882
37.8	0.9790	0.9718	0.7886	0.7814	0.9803	0.9827	0.9596	0.9865
37.9	0.9830	0.9604	0.7261	0.7767	0.9760	0.9793	0.9536	0.9817
38.0	0.9786	0.9578	0.6709	0.7710	0.9736	0.9761	0.9484	0.9808
38.1	0.9782	0.9577	0.6703	0.8583	0.9735	0.9766	0.9525	0.9825
38.2	0.9800	0.9726	0.7289	0.8880	0.9800	0.9819	0.9717	0.9864
38.3	0.9808	0.9757	0.7024	0.8702	0.9787	0.9799	0.9670	0.9848
38.4	0.9682	0.9614	0.6860	0.8936	0.9689	0.9718	0.9531	0.9783
38.5	0.9663	0.9706	0.6327	0.8773	0.9711	0.9733	0.9580	0.9799
38.6	0.9779	0.9745	0.8028	0.9178	0.9799	0.9816	0.9711	0.9873
38.7	0.9667	0.9665	0.7121	0.8468	0.9777	0.9801	0.9706	0.9831
38.8	0.9633	0.9744	0.8085	0.8095	0.9706	0.9713	0.9652	0.9779
38.9	0.9735	0.9681	0.8485	0.8803	0.9761	0.9772	0.9748	0.9796
39.0	0.9675	0.9657	0.8361	0.8894	0.9753	0.9756	0.9722	0.9830
39.1	0.9629	0.9716	0.8373	0.8628	0.9846	0.9854	0.9805	0.9881
39.2	0.9653	0.9682	0.8391	0.8609	0.9840	0.9842	0.9824	0.9853
39.3	0.9607	0.9735	0.8812	0.8111	0.9794	0.9802	0.9747	0.9838
39.4	0.9438	0.9694	0.8572	0.8185	0.9815	0.9813	0.9765	0.9866
39.5	0.9393	0.9605	0.8836	0.8069	0.9739	0.9761	0.9692	0.9823
39.6	0.9446	0.9597	0.9063	0.7894	0.9783	0.9779	0.9721	0.9833
39.7	0.9386	0.9703	0.8954	0.7941	0.9821	0.9835	0.9769	0.9859
39.8	0.9291	0.9714	0.8878	0.7418	0.9825	0.9841	0.9780	0.9875
39.9	0.9211	0.9575	0.9062	0.7491	0.9830	0.9835	0.9773	0.9876
40.0	0.8885	0.9562	0.8973	0.6258	0.9844	0.9838	0.9763	0.9864
40.1	0.8726	0.9454	0.8580	0.6350	0.9795	0.9806	0.9730	0.9834
40.2	0.8372	0.9090	0.7563	0.5105	0.9740	0.9733	0.9638	0.9770
40.3	0.8586	0.9519	0.8946	0.5974	0.9827	0.9823	0.9764	0.9863
40.4	0.7778	0.9122	0.8286	0.4918	0.9834	0.9818	0.9753	0.9869
40.5	0.7993	0.9008	0.8330	0.5874	0.9837	0.9849	0.9768	0.9885
40.6	0.8295	0.9249	0.8391	0.6127	0.9842	0.9841	0.9787	0.9875
40.7	0.7340	0.9162	0.7839	0.4909	0.9840	0.9825	0.9779	0.9838
40.8	0.7848	0.9021	0.8055	0.6314	0.9850	0.9854	0.9802	0.9886
40.9	0.7312	0.9399	0.8289	0.6473	0.9814	0.9830	0.9784	0.9858
41.0	0.5713	0.8769	0.7351	0.4363	0.9781	0.9791	0.9737	0.9816
41.1	0.5963	0.8842	0.7353	0.6186	0.9823	0.9808	0.9781	0.9839
41.2	0.6965	0.9181	0.8026	0.6671	0.9888	0.9896	0.9850	0.9906
41.3	0.6728	0.8899	0.7595	0.6785	0.9882	0.9882	0.9837	0.9905
41.4	0.6873	0.8863	0.7683	0.5989	0.9838	0.9841	0.9789	0.9872
41.5	0.7190	0.8911	0.7900	0.6502	0.9873	0.9824	0.9806	0.9910
41.6	0.6752	0.8944	0.7940	0.5553	0.9901	0.9907	0.9872	0.9909
41.7	0.7284	0.9003	0.7795	0.5242	0.9856	0.9866	0.9842	0.9880
41.8	0.7620	0.9146	0.8173	0.6352	0.9911	0.9916	0.9882	0.9909
41.9	0.7443	0.9044	0.7475	0.6235	0.9881	0.9896	0.9863	0.9893
42.0	0.7406	0.8898	0.7566	0.6516	0.9890	0.9893	0.9858	0.9907

42.1	0.8405	0.9203	0.7980	0.6342	0.9902	0.9919	0.9872	0.9903
42.2	0.7706	0.9194	0.7561	0.5414	0.9824	0.9839	0.9754	0.9851
42.3	0.8169	0.8852	0.7704	0.5511	0.9820	0.9844	0.9757	0.9837
42.4	0.8561	0.9278	0.7974	0.6139	0.9891	0.9890	0.9853	0.9878
42.5	0.8272	0.9132	0.7561	0.5141	0.9853	0.9847	0.9788	0.9873
42.6	0.8551	0.9347	0.8429	0.7150	0.9867	0.9882	0.9836	0.9861
42.7	0.8902	0.9492	0.7572	0.7152	0.9892	0.9891	0.9860	0.9902
42.8	0.9044	0.9457	0.7342	0.7829	0.9872	0.9903	0.9882	0.9875
42.9	0.8921	0.9535	0.7663	0.7241	0.9904	0.9894	0.9876	0.9892
43.0	0.8813	0.9405	0.6781	0.6756	0.9862	0.9900	0.9869	0.9882
43.1	0.9170	0.9442	0.7518	0.6623	0.9862	0.9861	0.9862	0.9874
43.2	0.9200	0.9559	0.8203	0.7900	0.9895	0.9897	0.9877	0.9884
43.3	0.9355	0.9599	0.7965	0.7732	0.9901	0.9921	0.9852	0.9873
43.4	0.9282	0.9463	0.8418	0.7496	0.9906	0.9912	0.9866	0.9903
43.5	0.9090	0.9570	0.7193	0.6935	0.9843	0.9815	0.9819	0.9802
43.6	0.9025	0.9425	0.8378	0.6366	0.9846	0.9821	0.9809	0.9841
43.7	0.9243	0.9678	0.8392	0.6513	0.9883	0.9902	0.9878	0.9862
43.8	0.9287	0.9612	0.7660	0.6551	0.9849	0.9883	0.9880	0.9838
43.9	0.9522	0.9574	0.7944	0.7122	0.9879	0.9908	0.9873	0.9882
44.0	0.9310	0.9522	0.7685	0.7224	0.9898	0.9887	0.9891	0.9889
44.1	0.9223	0.9416	0.6179	0.6434	0.9784	0.9831	0.9815	0.9763
44.2	0.9386	0.9460	0.6299	0.7113	0.9796	0.9828	0.9805	0.9793
44.3	0.9467	0.9572	0.7385	0.7086	0.9819	0.9867	0.9870	0.9849
44.4	0.9418	0.9580	0.7324	0.6696	0.9846	0.9920	0.9897	0.9817
44.5	0.9480	0.9600	0.6818	0.5420	0.9805	0.9816	0.9819	0.9791
44.6	0.9542	0.9572	0.6959	0.6153	0.9793	0.9850	0.9817	0.9784
44.7	0.9533	0.9595	0.7927	0.7046	0.9818	0.9837	0.9839	0.9785
44.8	0.9535	0.9478	0.7711	0.6066	0.9866	0.9802	0.9864	0.9788
44.9	0.9554	0.9521	0.7336	0.5534	0.9825	0.9845	0.9869	0.9739
45.0	0.9554	0.9471	0.7276	0.6794	0.9795	0.9838	0.9868	0.9745
45.1	0.9458	0.9339	0.6762	0.6003	0.9760	0.9814	0.9830	0.9575
45.2	0.9380	0.9418	0.6418	0.6132	0.9782	0.9799	0.9839	0.9581
45.3	0.9472	0.9270	0.4609	0.5595	0.9732	0.9820	0.9836	0.9535
45.4	0.9478	0.9257	0.4101	0.4744	0.9634	0.9753	0.9749	0.9458
45.5	0.9223	0.9171	0.4035	0.5643	0.9566	0.9715	0.9704	0.9274
45.6	0.9431	0.9429	0.6507	0.6357	0.9744	0.9810	0.9777	0.9557
45.7	0.9602	0.9590	0.6628	0.6090	0.9746	0.9816	0.9840	0.9572
45.8	0.9629	0.9332	0.5605	0.4423	0.9570	0.9709	0.9732	0.9252
45.9	0.9602	0.9543	0.3552	0.4253	0.9668	0.9747	0.9714	0.9290
46.0	0.9675	0.9600	0.5071	0.5201	0.9592	0.9748	0.9644	0.9302
46.1	0.9536	0.9522	0.4158	0.4434	0.9681	0.9675	0.9573	0.9310
46.2	0.9749	0.9655	0.5107	0.5794	0.9703	0.9759	0.9649	0.9444
46.3	0.9722	0.9634	0.4561	0.4305	0.9613	0.9757	0.9362	0.9131
46.4	0.9748	0.9676	0.4820	0.4639	0.9672	0.9788	0.9462	0.9309
46.5	0.9598	0.9474	0.4616	0.4032	0.9636	0.9773	0.9243	0.9142
46.6	0.9753	0.9705	0.5403	0.4517	0.9658	0.9685	0.9248	0.9042
46.7	0.9744	0.9643	0.5331	0.3938	0.9701	0.9735	0.9091	0.9078
46.8	0.9814	0.9718	0.4733	0.4205	0.9796	0.9757	0.9070	0.9195
46.9	0.9819	0.9773	0.3341	0.3427	0.9830	0.9778	0.8958	0.9313
47.0	0.9802	0.9783	0.3262	0.2577	0.9807	0.9831	0.8713	0.9135
47.1	0.9724	0.9758	0.3917	0.1767	0.9775	0.9687	0.8459	0.8956
47.2	0.9710	0.9707	0.2301	0.2881	0.9717	0.9724	0.7958	0.8682
47.3	0.9822	0.9794	0.3212	0.3519	0.9854	0.9875	0.8332	0.9119
47.4	0.9824	0.9789	0.1981	0.3397	0.9838	0.9880	0.8423	0.9252
47.5	0.9719	0.9714	0.1401	0.2305	0.9804	0.9829	0.8378	0.9205
47.6	0.9800	0.9802	0.1405	0.2835	0.9887	0.9868	0.9031	0.9576
47.7	0.9799	0.9806	0.1588	0.2670	0.9854	0.9866	0.8746	0.9460
47.8	0.9803	0.9725	0.2642	0.3658	0.9870	0.9869	0.9490	0.9681
47.9	0.9810	0.9842	0.2335	0.3603	0.9854	0.9869	0.9538	0.9739
48.0	0.9816	0.9833	0.1846	0.2872	0.9887	0.9893	0.9502	0.9708
48.1	0.9748	0.9747	0.1130	0.0363	0.9791	0.9783	0.8184	0.8891
48.2	0.9761	0.9555	0.0897	0.0364	0.9733	0.9808	0.8413	0.9112
48.3	0.9750	0.9690	0.1469	0.1774	0.9852	0.9858	0.9385	0.9632
48.4	0.9810	0.9809	0.2001	0.3147	0.9882	0.9875	0.9642	0.9791
48.5	0.9774	0.9773	0.2509	0.1679	0.9864	0.9885	0.9746	0.9792
48.6	0.9772	0.9720	0.1634	0.0616	0.9866	0.9899	0.9699	0.9760
48.7	0.9691	0.9748	0.0449	0.0277	0.9886	0.9912	0.9638	0.9670
48.8	0.9767	0.9635	0.1192	0.1964	0.9876	0.9918	0.9731	0.9710
48.9	0.9760	0.9563	0.0266	0.2015	0.9892	0.9855	0.9742	0.9758
49.0	0.9724	0.9556	0.0157	0.2176	0.9898	0.9890	0.9782	0.9736
49.1	0.9767	0.9693	0.0096	0.2285	0.9930	0.9935	0.9836	0.9803
49.2	0.9650	0.9433	0.0043	0.3974	0.9889	0.9895	0.9753	0.9714
49.3	0.9421	0.9243	0.0241	0.3682	0.9876	0.9896	0.9748	0.9651
49.4	0.9453	0.9171	0.0121	0.2065	0.9885	0.9883	0.9677	0.9521
49.5	0.9501	0.9166	0.0148	0.1748	0.9841	0.9872	0.9657	0.9404
49.6	0.9564	0.9124	0.0361	0.2652	0.9851	0.9890	0.9727	0.9457
49.7	0.9548	0.9354	0.1371	0.2101	0.9837	0.9848	0.9685	0.9304
49.8	0.9268	0.8867	0.0109	0.1387	0.9771	0.9782	0.9466	0.8985
49.9	0.6456	0.4923	0.0172	0.0158	0.8536	0.8911	0.6597	0.4736
50.0	0.6170	0.5215	0.0038	0.0139	0.8455	0.8791	0.6394	0.4590
50.1	0.9448	0.9236	0.0038	0.1029	0.9828	0.9872	0.9603	0.9222
50.2	0.8953	0.9035	0.0264	0.0744	0.9764	0.9818	0.9486	0.8961
50.3	0.8549	0.8347	0.0543	0.0197	0.9629	0.9651	0.9112	0.8045
50.4	0.9646	0.9491	0.0600	0.1755	0.9897	0.9902	0.9834	0.9594
50.5	0.9592	0.9543	0.0248	0.3337	0.9910	0.9917	0.9901	0.9771
50.6	0.9411	0.9035	0.0374	0.1104	0.9912	0.9923	0.9806	0.9581

50.7	0.9552	0.9155	0.1618	0.4954	0.9916	0.9918	0.9886	0.9807
50.8	0.9459	0.9145	0.1228	0.4204	0.9919	0.9925	0.9891	0.9796
50.9	0.9722	0.9545	0.0806	0.3739	0.9935	0.9939	0.9939	0.9881
51.0	0.9516	0.9236	0.2043	0.2307	0.9913	0.9912	0.9906	0.9801
51.1	0.9728	0.9681	0.0257	0.3383	0.9922	0.9927	0.9921	0.9889
51.2	0.9776	0.9698	0.0598	0.3992	0.9925	0.9918	0.9916	0.9876
51.3	0.9888	0.9800	0.2674	0.7093	0.9959	0.9960	0.9962	0.9948
51.4	0.9863	0.9842	0.0691	0.6325	0.9966	0.9965	0.9964	0.9943
51.5	0.9435	0.9415	0.0382	0.3033	0.9917	0.9926	0.9870	0.9752
51.6	0.9611	0.9564	0.2052	0.4584	0.9927	0.9937	0.9906	0.9818
51.7	0.9845	0.9789	0.3435	0.6648	0.9953	0.9956	0.9948	0.9937
51.8	0.9881	0.9835	0.5123	0.6609	0.9959	0.9958	0.9959	0.9930
51.9	0.9883	0.9857	0.5199	0.6045	0.9956	0.9957	0.9952	0.9940
52.0	0.9913	0.9901	0.6933	0.5968	0.9962	0.9963	0.9967	0.9949
52.1	0.9934	0.9939	0.7370	0.4581	0.9967	0.9969	0.9968	0.9962
52.2	0.9912	0.9926	0.7245	0.5422	0.9954	0.9953	0.9954	0.9949
52.3	0.9937	0.9911	0.6030	0.6184	0.9965	0.9958	0.9962	0.9945
52.4	0.9926	0.9930	0.7355	0.5214	0.9970	0.9969	0.9970	0.9966
52.5	0.9908	0.9922	0.6302	0.7423	0.9956	0.9959	0.9956	0.9956
52.6	0.9915	0.9910	0.3596	0.7921	0.9959	0.9959	0.9960	0.9955
52.7	0.9923	0.9912	0.5708	0.6115	0.9953	0.9952	0.9951	0.9941
52.8	0.9921	0.9937	0.7781	0.6702	0.9956	0.9958	0.9955	0.9953
52.9	0.9896	0.9887	0.5629	0.7101	0.9946	0.9943	0.9944	0.9945
53.0	0.9888	0.9895	0.6244	0.4977	0.9945	0.9947	0.9946	0.9941
53.1	0.9869	0.9891	0.6721	0.5521	0.9944	0.9941	0.9947	0.9949
53.2	0.9932	0.9920	0.8468	0.3630	0.9956	0.9960	0.9961	0.9965
53.3	0.9910	0.9924	0.8843	0.3822	0.9966	0.9967	0.9967	0.9962
53.4	0.9910	0.9913	0.8769	0.1497	0.9957	0.9961	0.9960	0.9961
53.5	0.9893	0.9904	0.8983	0.1757	0.9950	0.9957	0.9949	0.9952
53.6	0.9923	0.9916	0.8643	0.3217	0.9954	0.9957	0.9950	0.9955
53.7	0.9917	0.9911	0.8882	0.1553	0.9956	0.9960	0.9955	0.9957
53.8	0.9918	0.9929	0.8754	0.0747	0.9958	0.9959	0.9960	0.9960
53.9	0.9932	0.9930	0.9021	0.1459	0.9962	0.9962	0.9960	0.9960
54.0	0.9938	0.9952	0.8718	0.1935	0.9966	0.9964	0.9966	0.9964
54.1	0.9927	0.9920	0.8461	0.3239	0.9948	0.9954	0.9953	0.9949
54.2	0.9898	0.9864	0.8147	0.4023	0.9940	0.9942	0.9938	0.9941
54.3	0.9918	0.9872	0.8760	0.4994	0.9948	0.9952	0.9946	0.9949
54.4	0.9914	0.9889	0.9178	0.6414	0.9954	0.9954	0.9955	0.9957
54.5	0.9881	0.9843	0.9207	0.5983	0.9953	0.9943	0.9946	0.9945
54.6	0.9870	0.9830	0.9232	0.6797	0.9933	0.9937	0.9939	0.9932
54.7	0.9894	0.9865	0.9283	0.6744	0.9953	0.9952	0.9952	0.9953
54.8	0.9859	0.9848	0.8930	0.5584	0.9954	0.9949	0.9953	0.9946
54.9	0.9874	0.9784	0.9043	0.7381	0.9929	0.9931	0.9935	0.9931
55.0	0.9854	0.9878	0.9386	0.8216	0.9948	0.9946	0.9948	0.9945
55.1	0.9891	0.9849	0.9442	0.8138	0.9960	0.9963	0.9964	0.9961
55.2	0.9836	0.9851	0.9223	0.8314	0.9962	0.9949	0.9955	0.9950
55.3	0.9828	0.9832	0.9114	0.7709	0.9946	0.9948	0.9946	0.9935
55.4	0.9789	0.9755	0.9012	0.7506	0.9940	0.9946	0.9951	0.9948
55.5	0.9833	0.9823	0.8936	0.8202	0.9950	0.9951	0.9951	0.9945
55.6	0.9845	0.9773	0.8962	0.7766	0.9953	0.9948	0.9958	0.9956
55.7	0.9789	0.9792	0.9163	0.8363	0.9949	0.9948	0.9951	0.9946
55.8	0.9790	0.9749	0.9199	0.8038	0.9946	0.9945	0.9951	0.9944
55.9	0.9750	0.9732	0.9028	0.8237	0.9941	0.9945	0.9948	0.9936
56.0	0.9662	0.9656	0.8904	0.7754	0.9909	0.9921	0.9923	0.9921
56.1	0.9740	0.9570	0.8642	0.6949	0.9921	0.9921	0.9922	0.9919
56.2	0.9745	0.9728	0.9165	0.7784	0.9933	0.9929	0.9935	0.9924
56.3	0.9757	0.9608	0.9085	0.7889	0.9935	0.9932	0.9932	0.9919
56.4	0.9705	0.9632	0.8588	0.8024	0.9944	0.9941	0.9944	0.9934
56.5	0.9723	0.9702	0.8956	0.8020	0.9946	0.9954	0.9954	0.9941
56.6	0.9641	0.9539	0.8739	0.8080	0.9952	0.9947	0.9952	0.9946
56.7	0.9691	0.9632	0.9142	0.8003	0.9961	0.9965	0.9963	0.9956
56.8	0.9653	0.9595	0.8854	0.7483	0.9954	0.9955	0.9958	0.9948
56.9	0.9676	0.9610	0.9039	0.7852	0.9958	0.9962	0.9960	0.9952
57.0	0.9639	0.9581	0.8513	0.7746	0.9957	0.9960	0.9962	0.9956
57.1	0.9391	0.9222	0.8444	0.6445	0.9940	0.9942	0.9947	0.9933
57.2	0.9556	0.9426	0.8308	0.7035	0.9933	0.9928	0.9936	0.9933
57.3	0.9344	0.9254	0.7753	0.5813	0.9913	0.9919	0.9920	0.9923
57.4	0.9332	0.9155	0.8255	0.6839	0.9926	0.9924	0.9927	0.9919
57.5	0.9371	0.9514	0.8394	0.7616	0.9942	0.9942	0.9947	0.9942
57.6	0.9244	0.9265	0.7796	0.6308	0.9917	0.9934	0.9941	0.9937
57.7	0.9241	0.9238	0.8071	0.7093	0.9936	0.9937	0.9938	0.9926
57.8	0.9320	0.9386	0.7833	0.6960	0.9945	0.9953	0.9955	0.9942
57.9	0.9165	0.9260	0.7786	0.6881	0.9938	0.9939	0.9942	0.9936
58.0	0.9253	0.8944	0.7876	0.6961	0.9943	0.9943	0.9947	0.9942
58.1	0.8915	0.9283	0.7401	0.6259	0.9943	0.9946	0.9947	0.9944
58.2	0.8832	0.9142	0.7328	0.5703	0.9935	0.9932	0.9934	0.9919
58.3	0.8434	0.9129	0.7135	0.5271	0.9928	0.9913	0.9922	0.9924
58.4	0.9118	0.9240	0.8138	0.6702	0.9955	0.9951	0.9945	0.9947
58.5	0.8917	0.9352	0.8130	0.6508	0.9948	0.9950	0.9947	0.9946
58.6	0.8802	0.9276	0.7420	0.6393	0.9924	0.9929	0.9936	0.9924
58.7	0.8411	0.8947	0.6750	0.7111	0.9934	0.9933	0.9936	0.9929
58.8	0.8599	0.9354	0.7131	0.5838	0.9935	0.9933	0.9937	0.9926
58.9	0.8792	0.9106	0.6788	0.7053	0.9933	0.9933	0.9941	0.9940
59.0	0.8418	0.9014	0.6794	0.7131	0.9928	0.9925	0.9922	0.9916
59.1	0.8967	0.9138	0.6400	0.7247	0.9942	0.9948	0.9939	0.9941
59.2	0.8895	0.9216	0.6996	0.6731	0.9951	0.9953	0.9960	0.9954

59.3	0.8538	0.9079	0.5960	0.6967	0.9947	0.9943	0.9952	0.9948
59.4	0.8473	0.9100	0.7352	0.7228	0.9939	0.9926	0.9935	0.9939
59.5	0.8781	0.9152	0.6768	0.7325	0.9941	0.9935	0.9937	0.9938
59.6	0.8860	0.9078	0.6952	0.7514	0.9947	0.9948	0.9953	0.9942
59.7	0.8268	0.8672	0.6281	0.6097	0.9934	0.9925	0.9931	0.9928
59.8	0.7429	0.7797	0.5579	0.6136	0.9927	0.9929	0.9933	0.9928
59.9	0.4030	0.5344	0.2686	0.4561	0.9899	0.9902	0.9914	0.9875
60.0	0.0870	0.0608	0.0395	0.1050	0.7666	0.7478	0.8752	0.7135
60.1	0.6085	0.4360	0.2101	0.6145	0.9918	0.9916	0.9928	0.9882
60.2	0.7281	0.7725	0.4310	0.6975	0.9929	0.9928	0.9937	0.9926
60.3	0.8212	0.8551	0.6582	0.6528	0.9926	0.9932	0.9932	0.9926
60.4	0.8073	0.8827	0.6026	0.6295	0.9925	0.9931	0.9933	0.9938
60.5	0.8274	0.9074	0.6510	0.6525	0.9941	0.9936	0.9934	0.9945
60.6	0.8612	0.8949	0.5181	0.6720	0.9921	0.9927	0.9931	0.9934
60.7	0.8260	0.9187	0.4966	0.5988	0.9932	0.9936	0.9933	0.9926
60.8	0.8458	0.9085	0.5154	0.6791	0.9944	0.9942	0.9941	0.9943
60.9	0.8532	0.9201	0.5148	0.5829	0.9946	0.9938	0.9945	0.9937
61.0	0.8320	0.9334	0.5456	0.7498	0.9938	0.9949	0.9949	0.9944
61.1	0.8537	0.9343	0.4590	0.7019	0.9944	0.9943	0.9943	0.9940
61.2	0.8487	0.9294	0.6087	0.8016	0.9951	0.9953	0.9953	0.9950
61.3	0.7486	0.9233	0.5139	0.6969	0.9939	0.9935	0.9935	0.9941
61.4	0.6856	0.9186	0.4728	0.7455	0.9908	0.9901	0.9901	0.9894
61.5	0.7859	0.9249	0.5467	0.7616	0.9938	0.9945	0.9947	0.9939
61.6	0.7942	0.9425	0.6836	0.8203	0.9951	0.9955	0.9951	0.9948
61.7	0.7290	0.9262	0.6325	0.7607	0.9946	0.9946	0.9942	0.9935
61.8	0.6673	0.9212	0.4608	0.7467	0.9928	0.9917	0.9927	0.9910
61.9	0.5535	0.9321	0.4569	0.6955	0.9909	0.9917	0.9904	0.9909
62.0	0.7209	0.9114	0.4883	0.8065	0.9923	0.9928	0.9925	0.9929
62.1	0.6806	0.9540	0.3631	0.7233	0.9937	0.9930	0.9928	0.9937
62.2	0.7303	0.9453	0.4916	0.7331	0.9929	0.9945	0.9922	0.9917
62.3	0.7490	0.9615	0.4907	0.7379	0.9912	0.9920	0.9915	0.9925
62.4	0.7572	0.9459	0.3790	0.7649	0.9921	0.9928	0.9923	0.9925
62.5	0.7801	0.9455	0.4947	0.7248	0.9909	0.9909	0.9910	0.9900
62.6	0.7942	0.9571	0.5753	0.7596	0.9932	0.9931	0.9936	0.9934
62.7	0.8222	0.9518	0.4267	0.8327	0.9927	0.9923	0.9931	0.9934
62.8	0.8611	0.9610	0.5442	0.8076	0.9930	0.9920	0.9927	0.9923
62.9	0.7626	0.9595	0.5546	0.7735	0.9916	0.9912	0.9910	0.9907
63.0	0.8184	0.9531	0.3841	0.7005	0.9887	0.9886	0.9894	0.9891
63.1	0.8472	0.9567	0.4517	0.6989	0.9915	0.9903	0.9908	0.9905
63.2	0.8447	0.9609	0.5788	0.6861	0.9920	0.9911	0.9920	0.9915
63.3	0.8600	0.9603	0.2531	0.7797	0.9909	0.9912	0.9910	0.9908
63.4	0.8885	0.9576	0.4023	0.7414	0.9894	0.9886	0.9888	0.9881
63.5	0.8686	0.9576	0.3247	0.6984	0.9896	0.9899	0.9893	0.9881
63.6	0.9028	0.9677	0.4840	0.6948	0.9898	0.9898	0.9897	0.9897
63.7	0.9226	0.9699	0.2887	0.7476	0.9876	0.9891	0.9889	0.9882
63.8	0.9167	0.9594	0.3433	0.6913	0.9918	0.9914	0.9923	0.9917
63.9	0.9220	0.9662	0.2903	0.6471	0.9895	0.9906	0.9905	0.9907
64.0	0.9173	0.9517	0.2907	0.6785	0.9897	0.9902	0.9897	0.9896
64.1	0.9249	0.9701	0.2300	0.6028	0.9905	0.9903	0.9903	0.9902
64.2	0.9376	0.9695	0.0828	0.6478	0.9898	0.9893	0.9898	0.9911
64.3	0.9493	0.9650	0.0728	0.6381	0.9902	0.9894	0.9897	0.9889
64.4	0.9443	0.9633	0.0876	0.5970	0.9880	0.9874	0.9884	0.9882
64.5	0.9421	0.9720	0.0044	0.5635	0.9906	0.9910	0.9909	0.9908
64.6	0.9446	0.9724	0.0012	0.5784	0.9909	0.9901	0.9904	0.9904
64.7	0.9479	0.9718	0.0163	0.5242	0.9890	0.9888	0.9880	0.9894
64.8	0.9544	0.9785	0.0170	0.6027	0.9913	0.9909	0.9905	0.9905
64.9	0.9514	0.9768	0.1393	0.6369	0.9903	0.9896	0.9902	0.9906
65.0	0.9634	0.9806	0.1854	0.6255	0.9906	0.9905	0.9910	0.9908
65.1	0.9749	0.9738	0.2404	0.6555	0.9920	0.9921	0.9928	0.9918
65.2	0.9560	0.9684	0.2876	0.4996	0.9861	0.9853	0.9861	0.9851
65.3	0.9526	0.9676	0.3948	0.5221	0.9877	0.9886	0.9879	0.9881
65.4	0.9646	0.9738	0.4813	0.6597	0.9876	0.9881	0.9881	0.9874
65.5	0.9675	0.9779	0.5363	0.7402	0.9896	0.9901	0.9901	0.9899
65.6	0.9653	0.9771	0.6594	0.7731	0.9924	0.9919	0.9922	0.9919
65.7	0.9660	0.9772	0.7633	0.8322	0.9913	0.9919	0.9914	0.9911
65.8	0.9701	0.9751	0.6761	0.8421	0.9893	0.9891	0.9889	0.9885
65.9	0.9678	0.9720	0.7223	0.8877	0.9862	0.9860	0.9868	0.9860
66.0	0.9744	0.9794	0.7107	0.8680	0.9896	0.9892	0.9899	0.9893
66.1	0.9765	0.9777	0.7569	0.8882	0.9911	0.9906	0.9913	0.9903
66.2	0.9746	0.9780	0.8131	0.9004	0.9906	0.9903	0.9911	0.9911
66.3	0.9742	0.9714	0.7520	0.8988	0.9893	0.9897	0.9896	0.9891
66.4	0.9577	0.9668	0.8033	0.8749	0.9861	0.9878	0.9866	0.9862
66.5	0.9698	0.9737	0.8239	0.8990	0.9899	0.9899	0.9888	0.9900
66.6	0.9711	0.9716	0.8215	0.8880	0.9880	0.9877	0.9881	0.9877
66.7	0.9762	0.9770	0.8568	0.9226	0.9876	0.9886	0.9885	0.9863
66.8	0.9755	0.9782	0.9030	0.9210	0.9915	0.9912	0.9913	0.9895
66.9	0.9639	0.9728	0.8495	0.9337	0.9872	0.9881	0.9874	0.9878
67.0	0.9654	0.9614	0.8312	0.9220	0.9792	0.9788	0.9802	0.9795
67.1	0.9790	0.9771	0.8947	0.9403	0.9898	0.9883	0.9894	0.9894
67.2	0.9761	0.9771	0.8985	0.9555	0.9891	0.9885	0.9887	0.9881
67.3	0.9668	0.9654	0.8638	0.9313	0.9858	0.9880	0.9865	0.9864
67.4	0.9754	0.9747	0.8804	0.9385	0.9892	0.9884	0.9901	0.9885
67.5	0.9772	0.9704	0.8952	0.9491	0.9885	0.9886	0.9894	0.9882
67.6	0.9768	0.9744	0.8652	0.9561	0.9900	0.9903	0.9904	0.9881
67.7	0.9762	0.9767	0.8610	0.9606	0.9883	0.9874	0.9888	0.9876
67.8	0.9810	0.9739	0.9119	0.9483	0.9878	0.9879	0.9875	0.9875

67.9	0.9787	0.9733	0.9009	0.9503	0.9887	0.9875	0.9878	0.9879
68.0	0.9805	0.9715	0.8715	0.9542	0.9881	0.9888	0.9869	0.9887
68.1	0.9798	0.9727	0.8899	0.9563	0.9893	0.9883	0.9883	0.9886
68.2	0.9815	0.9781	0.8887	0.9735	0.9917	0.9915	0.9907	0.9912
68.3	0.9788	0.9734	0.8856	0.9517	0.9892	0.9904	0.9902	0.9898
68.4	0.9835	0.9796	0.8803	0.9594	0.9911	0.9905	0.9901	0.9896
68.5	0.9761	0.9692	0.8652	0.9565	0.9888	0.9881	0.9872	0.9880
68.6	0.9807	0.9681	0.9041	0.9518	0.9869	0.9894	0.9860	0.9861
68.7	0.9831	0.9732	0.8893	0.9596	0.9896	0.9891	0.9887	0.9895
68.8	0.9833	0.9746	0.8789	0.9502	0.9910	0.9911	0.9892	0.9907
68.9	0.9768	0.9721	0.8673	0.9664	0.9886	0.9895	0.9876	0.9899
69.0	0.9817	0.9777	0.9065	0.9618	0.9903	0.9905	0.9905	0.9915
69.1	0.9806	0.9686	0.8885	0.9567	0.9893	0.9893	0.9872	0.9871
69.2	0.9828	0.9732	0.8877	0.9650	0.9898	0.9903	0.9895	0.9907
69.3	0.9784	0.9698	0.8819	0.9571	0.9885	0.9880	0.9860	0.9895
69.4	0.9847	0.9747	0.8303	0.9466	0.9897	0.9875	0.9884	0.9889
69.5	0.9852	0.9732	0.9124	0.9661	0.9919	0.9913	0.9911	0.9923
69.6	0.9810	0.9678	0.8465	0.9609	0.9907	0.9892	0.9893	0.9896
69.7	0.9782	0.9636	0.8555	0.9486	0.9853	0.9879	0.9861	0.9889
69.8	0.9796	0.9670	0.8560	0.9492	0.9904	0.9893	0.9885	0.9902
69.9	0.9808	0.9665	0.8653	0.9602	0.9892	0.9876	0.9885	0.9885
70.0	0.9843	0.9531	0.8165	0.9463	0.9874	0.9884	0.9875	0.9876
70.1	0.9839	0.9645	0.8805	0.9599	0.9916	0.9909	0.9900	0.9898
70.2	0.9830	0.9687	0.8643	0.9579	0.9885	0.9890	0.9865	0.9879
70.3	0.9788	0.9624	0.8106	0.9378	0.9883	0.9873	0.9855	0.9897
70.4	0.9689	0.9631	0.7878	0.9184	0.9854	0.9876	0.9825	0.9865
70.5	0.9798	0.9637	0.8597	0.9401	0.9869	0.9867	0.9840	0.9849
70.6	0.9763	0.9582	0.8307	0.9424	0.9848	0.9833	0.9823	0.9850
70.7	0.9727	0.9588	0.8479	0.9370	0.9848	0.9841	0.9822	0.9820
70.8	0.9801	0.9733	0.8686	0.9556	0.9908	0.9896	0.9879	0.9892
70.9	0.9800	0.9635	0.8413	0.9466	0.9891	0.9889	0.9857	0.9875
71.0	0.9705	0.9616	0.8313	0.9235	0.9860	0.9859	0.9800	0.9846
71.1	0.9731	0.9533	0.8334	0.9351	0.9860	0.9877	0.9800	0.9855
71.2	0.9776	0.9726	0.8604	0.9421	0.9895	0.9886	0.9867	0.9890
71.3	0.9857	0.9590	0.8170	0.9218	0.9895	0.9885	0.9832	0.9896
71.4	0.9744	0.9490	0.7823	0.9349	0.9859	0.9831	0.9759	0.9818
71.5	0.9759	0.9535	0.8281	0.9139	0.9848	0.9859	0.9793	0.9842
71.6	0.9753	0.9499	0.8274	0.9280	0.9874	0.9870	0.9775	0.9846
71.7	0.9805	0.9525	0.8441	0.9516	0.9902	0.9878	0.9812	0.9899
71.8	0.9818	0.9613	0.8205	0.9237	0.9856	0.9866	0.9787	0.9861
71.9	0.9724	0.9625	0.8361	0.9102	0.9835	0.9846	0.9714	0.9827
72.0	0.9691	0.9541	0.8643	0.9398	0.9823	0.9844	0.9709	0.9814
72.1	0.9561	0.9475	0.8315	0.9206	0.9798	0.9807	0.9626	0.9798
72.2	0.9735	0.9539	0.8713	0.9376	0.9843	0.9847	0.9596	0.9838
72.3	0.9739	0.9631	0.8427	0.9242	0.9848	0.9871	0.9667	0.9844
72.4	0.9797	0.9630	0.8251	0.9232	0.9849	0.9823	0.9591	0.9814
72.5	0.9759	0.9592	0.8503	0.9275	0.9864	0.9864	0.9611	0.9856
72.6	0.9743	0.9722	0.8629	0.9113	0.9905	0.9872	0.9626	0.9849
72.7	0.9778	0.9662	0.8079	0.9091	0.9873	0.9854	0.9577	0.9872
72.8	0.9673	0.9648	0.8596	0.9103	0.9876	0.9840	0.9506	0.9860
72.9	0.9801	0.9620	0.8561	0.9077	0.9849	0.9852	0.9565	0.9862
73.0	0.9752	0.9577	0.8395	0.9139	0.9818	0.9826	0.9512	0.9819
73.1	0.9717	0.9458	0.7706	0.9308	0.9854	0.9860	0.9554	0.9840
73.2	0.9743	0.9571	0.8203	0.9094	0.9811	0.9839	0.9414	0.9762
73.3	0.9780	0.9477	0.7750	0.9077	0.9808	0.9861	0.9228	0.9762
73.4	0.9773	0.9585	0.7738	0.9219	0.9843	0.9845	0.9417	0.9823
73.5	0.9754	0.9642	0.8347	0.9070	0.9852	0.9831	0.9538	0.9848
73.6	0.9713	0.9623	0.8467	0.9211	0.9809	0.9793	0.9475	0.9815
73.7	0.9724	0.9493	0.8020	0.9236	0.9801	0.9749	0.9455	0.9723
73.8	0.9768	0.9553	0.8526	0.8824	0.9807	0.9781	0.9609	0.9771
73.9	0.9703	0.9565	0.7916	0.8826	0.9756	0.9797	0.9509	0.9759
74.0	0.9733	0.9705	0.8112	0.9117	0.9794	0.9740	0.9531	0.9805
74.1	0.9779	0.9650	0.8451	0.9260	0.9830	0.9855	0.9625	0.9842
74.2	0.9740	0.9716	0.8660	0.9104	0.9820	0.9804	0.9684	0.9833
74.3	0.9720	0.9647	0.8559	0.9232	0.9852	0.9760	0.9712	0.9861
74.4	0.9615	0.9537	0.8007	0.9098	0.9788	0.9747	0.9649	0.9800
74.5	0.9592	0.9381	0.7789	0.8863	0.9704	0.9745	0.9519	0.9687
74.6	0.9592	0.9474	0.7733	0.8769	0.9671	0.9666	0.9554	0.9771
74.7	0.9667	0.9625	0.8414	0.9041	0.9796	0.9752	0.9678	0.9755
74.8	0.9770	0.9741	0.8473	0.9298	0.9803	0.9801	0.9824	0.9759
74.9	0.9759	0.9688	0.8798	0.9414	0.9785	0.9764	0.9835	0.9844
75.0	0.9772	0.9720	0.8712	0.9302	0.9785	0.9802	0.9788	0.9775
75.1	0.9667	0.9553	0.8378	0.9072	0.9725	0.9731	0.9737	0.9711
75.2	0.9727	0.9560	0.8297	0.9158	0.9627	0.9636	0.9686	0.9728
75.3	0.9711	0.9543	0.8361	0.9195	0.9731	0.9753	0.9720	0.9810
75.4	0.9675	0.9486	0.8345	0.9091	0.9675	0.9619	0.9695	0.9733
75.5	0.9731	0.9414	0.7778	0.8930	0.9683	0.9632	0.9646	0.9740
75.6	0.9631	0.9427	0.7472	0.8994	0.9523	0.9527	0.9620	0.9631
75.7	0.9728	0.9482	0.8074	0.9164	0.9651	0.9598	0.9742	0.9714
75.8	0.9696	0.9507	0.8021	0.9200	0.9634	0.9616	0.9727	0.9731
75.9	0.9600	0.9533	0.7426	0.9294	0.9511	0.9563	0.9711	0.9600
76.0	0.9635	0.9411	0.8086	0.9020	0.9559	0.9418	0.9745	0.9711
76.1	0.9729	0.9462	0.8249	0.9081	0.9506	0.9496	0.9733	0.9691
76.2	0.9470	0.9508	0.7660	0.8846	0.9354	0.9189	0.9562	0.9599
76.3	0.9685	0.9405	0.8169	0.8650	0.9354	0.9191	0.9692	0.9542
76.4	0.9618	0.9336	0.7308	0.8681	0.9251	0.9000	0.9680	0.9531

76.5	0.9550	0.9504	0.7626	0.8825	0.9105	0.9270	0.9714	0.9576
76.6	0.9641	0.9551	0.8025	0.8790	0.9080	0.8713	0.9716	0.9581
76.7	0.9597	0.9366	0.7829	0.8622	0.8490	0.8876	0.9594	0.9395
76.8	0.9632	0.9511	0.7649	0.8844	0.8917	0.8916	0.9706	0.9554
76.9	0.9569	0.9452	0.7843	0.8991	0.8521	0.8312	0.9696	0.9535
77.0	0.9553	0.9200	0.7203	0.8567	0.7984	0.7378	0.9771	0.9435
77.1	0.9405	0.9216	0.7171	0.8724	0.7149	0.7207	0.9725	0.9421
77.2	0.9263	0.9046	0.6552	0.8325	0.6479	0.6387	0.9640	0.9186
77.3	0.9511	0.9330	0.7311	0.8737	0.6593	0.6617	0.9705	0.9372
77.4	0.9553	0.9445	0.7860	0.8787	0.6164	0.5205	0.9708	0.9490
77.5	0.9467	0.9349	0.7766	0.8845	0.4316	0.4989	0.9740	0.9405
77.6	0.9207	0.9195	0.7176	0.8642	0.3049	0.3368	0.9763	0.9229
77.7	0.9569	0.9383	0.7577	0.8770	0.1902	0.3364	0.9774	0.9366
77.8	0.9435	0.9244	0.7508	0.8692	0.0591	0.2185	0.9779	0.9306
77.9	0.9214	0.9234	0.6095	0.8300	0.0630	0.1024	0.9781	0.8987
78.0	0.9358	0.9164	0.7212	0.8359	0.1057	0.2745	0.9781	0.8898
78.1	0.9217	0.9264	0.6207	0.8764	0.3072	0.4386	0.9803	0.8926
78.2	0.9011	0.9287	0.5607	0.8461	0.3668	0.3499	0.9674	0.8164
78.3	0.9268	0.9039	0.6031	0.8251	0.4597	0.5821	0.9721	0.8251
78.4	0.9351	0.9371	0.7338	0.8399	0.6421	0.7508	0.9786	0.8714
78.5	0.9419	0.9463	0.6917	0.8562	0.7555	0.7624	0.9779	0.8392
78.6	0.9177	0.9359	0.5759	0.8548	0.7949	0.7286	0.9755	0.8481
78.7	0.9492	0.9240	0.6041	0.8290	0.8037	0.8216	0.9788	0.8231
78.8	0.9296	0.9003	0.6625	0.8383	0.8147	0.8562	0.9818	0.7979
78.9	0.9242	0.9301	0.6706	0.8672	0.8480	0.8364	0.9792	0.8140
79.0	0.9132	0.9346	0.7555	0.7069	0.8210	0.8643	0.9701	0.7936
79.1	0.9393	0.9230	0.7243	0.7287	0.8876	0.8909	0.9699	0.7211
79.2	0.9525	0.9214	0.6535	0.7814	0.9067	0.9127	0.9833	0.7082
79.3	0.9109	0.9234	0.5008	0.7193	0.8528	0.8780	0.9785	0.6397
79.4	0.9336	0.9457	0.5092	0.8165	0.8913	0.8927	0.9742	0.7401
79.5	0.9522	0.9515	0.6947	0.8354	0.9364	0.9336	0.9845	0.7953
79.6	0.9449	0.9355	0.6424	0.8153	0.9221	0.9271	0.9817	0.7404
79.7	0.9427	0.9583	0.6394	0.7894	0.9243	0.9277	0.9843	0.8043
79.8	0.9530	0.9555	0.6342	0.7832	0.9436	0.9314	0.9884	0.8131
79.9	0.9488	0.9442	0.6399	0.7356	0.9390	0.9227	0.9852	0.7956
80.0	0.9421	0.9563	0.4457	0.7031	0.9398	0.9414	0.9854	0.7361

1.2.2 Run 1 – IP000 – SF and shaft bending gauges

In-plane shaking at 0°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.9958	0.0270	0.8040	0.5077	0.9971	0.9891	0.9984	0.9815
0.1	0.0581	0.1792	0.0285	0.1081	0.1056	0.6482	0.5063	0.5838
0.2	0.0007	0.2462	0.0647	0.0878	0.8065	0.8628	0.8299	0.8238
0.3	0.0039	0.2815	0.0069	0.1207	0.8298	0.9186	0.8715	0.8755
0.4	0.0192	0.2181	0.0253	0.0981	0.7604	0.8706	0.8095	0.7844
0.5	0.0312	0.0370	0.0397	0.0321	0.5759	0.6931	0.2174	0.2209
0.6	0.0195	0.0191	0.0114	0.0333	0.0479	0.1626	0.1038	0.1149
0.7	0.0797	0.0227	0.1755	0.0479	0.8274	0.8906	0.8399	0.8739
0.8	0.2463	0.2968	0.3105	0.3366	0.9550	0.9735	0.9588	0.9583
0.9	0.2376	0.5189	0.4571	0.5214	0.9767	0.9675	0.9574	0.9101
1.0	0.3429	0.6239	0.5940	0.6311	0.8895	0.9377	0.8341	0.8806
1.1	0.4202	0.8299	0.8232	0.8323	0.9918	0.9952	0.9923	0.9928
1.2	0.5505	0.9165	0.9045	0.9073	0.9949	0.9974	0.9961	0.9964
1.3	0.6170	0.6772	0.6860	0.7275	0.9875	0.9825	0.9912	0.9705
1.4	0.6677	0.6079	0.7432	0.7419	0.9981	0.9963	0.9972	0.9945
1.5	0.5090	0.8450	0.8619	0.9057	0.9989	0.9988	0.9985	0.9986
1.6	0.9192	0.4849	0.7273	0.8454	0.9994	0.9995	0.9991	0.9993
1.7	0.9152	0.4936	0.8443	0.9310	0.9996	0.9996	0.9994	0.9996
1.8	0.9775	0.7994	0.9410	0.9760	0.9998	0.9998	0.9997	0.9998
1.9	0.9799	0.9231	0.9637	0.9834	0.9999	0.9999	0.9999	0.9999
2.0	0.9861	0.8915	0.9691	0.9819	0.9999	0.9999	0.9999	0.9999
2.1	0.9499	0.8721	0.9220	0.9332	0.9996	0.9996	0.9996	0.9996
2.2	0.5648	0.7777	0.6869	0.6253	0.9956	0.9960	0.9951	0.9956
2.3	0.2327	0.8737	0.5605	0.4734	0.9374	0.9438	0.9326	0.9450
2.4	0.7243	0.9603	0.6838	0.6827	0.9963	0.9967	0.9953	0.9953
2.5	0.8303	0.9772	0.7388	0.8259	0.9987	0.9989	0.9982	0.9986
2.6	0.8806	0.9825	0.8147	0.9045	0.9995	0.9996	0.9994	0.9996
2.7	0.8976	0.9900	0.9027	0.9596	0.9997	0.9998	0.9997	0.9997
2.8	0.9459	0.9934	0.9424	0.9838	0.9999	0.9999	0.9998	0.9998
2.9	0.9326	0.9948	0.9523	0.9837	0.9999	0.9999	0.9999	0.9999
3.0	0.9473	0.9963	0.9754	0.9937	0.9999	1.0000	0.9999	0.9999
3.1	0.9621	0.9984	0.9858	0.9959	1.0000	1.0000	1.0000	1.0000
3.2	0.9661	0.9983	0.9852	0.9967	1.0000	1.0000	1.0000	1.0000
3.3	0.9587	0.9974	0.9850	0.9956	1.0000	1.0000	0.9999	1.0000
3.4	0.9456	0.9964	0.9797	0.9935	0.9999	1.0000	0.9999	0.9999
3.5	0.9155	0.9961	0.9760	0.9937	0.9999	0.9999	0.9999	0.9999
3.6	0.9053	0.9961	0.9794	0.9928	0.9999	0.9999	0.9999	0.9999
3.7	0.9094	0.9946	0.9782	0.9941	0.9998	0.9999	0.9999	0.9999
3.8	0.9045	0.9937	0.9739	0.9918	0.9998	0.9999	0.9999	0.9999
3.9	0.8773	0.9931	0.9646	0.9946	0.9998	0.9999	0.9999	0.9999
4.0	0.8468	0.9925	0.9492	0.9901	0.9998	0.9999	0.9999	0.9999
4.1	0.8342	0.9917	0.9597	0.9881	0.9998	0.9999	0.9999	0.9999
4.2	0.8249	0.9903	0.9598	0.9896	0.9998	0.9999	0.9998	0.9998
4.3	0.7782	0.9889	0.9379	0.9848	0.9997	0.9998	0.9998	0.9998
4.4	0.7181	0.9860	0.9401	0.9854	0.9998	0.9998	0.9998	0.9998
4.5	0.8217	0.9889	0.9522	0.9876	0.9998	0.9998	0.9998	0.9998
4.6	0.7968	0.9830	0.9447	0.9846	0.9998	0.9998	0.9997	0.9998
4.7	0.7455	0.9725	0.9173	0.9840	0.9997	0.9997	0.9997	0.9997
4.8	0.6639	0.9763	0.9238	0.9746	0.9996	0.9997	0.9997	0.9997
4.9	0.7089	0.9708	0.9078	0.9766	0.9995	0.9997	0.9995	0.9997
5.0	0.6790	0.9645	0.8805	0.9733	0.9995	0.9997	0.9996	0.9997
5.1	0.6293	0.9601	0.9083	0.9744	0.9994	0.9995	0.9994	0.9995
5.2	0.5569	0.9625	0.9152	0.9828	0.9997	0.9997	0.9997	0.9996
5.3	0.5760	0.9622	0.8811	0.9774	0.9995	0.9996	0.9995	0.9996
5.4	0.6993	0.9587	0.9135	0.9756	0.9997	0.9996	0.9996	0.9996
5.5	0.6815	0.9601	0.9018	0.9804	0.9997	0.9997	0.9996	0.9996
5.6	0.6400	0.9654	0.8587	0.9825	0.9997	0.9997	0.9996	0.9996
5.7	0.7759	0.9665	0.9077	0.9809	0.9996	0.9997	0.9996	0.9996
5.8	0.7733	0.9609	0.8798	0.9762	0.9996	0.9996	0.9995	0.9996
5.9	0.7791	0.9511	0.8412	0.9638	0.9995	0.9996	0.9995	0.9996
6.0	0.6861	0.9315	0.7624	0.9662	0.9995	0.9996	0.9994	0.9995
6.1	0.7768	0.9235	0.3982	0.9649	0.9995	0.9995	0.9994	0.9994
6.2	0.8405	0.9388	0.3324	0.9502	0.9994	0.9994	0.9992	0.9993
6.3	0.8430	0.9285	0.0604	0.9557	0.9995	0.9995	0.9994	0.9995
6.4	0.7965	0.8996	0.0010	0.9479	0.9994	0.9995	0.9993	0.9994
6.5	0.8151	0.8914	0.1909	0.9608	0.9993	0.9994	0.9992	0.9993
6.6	0.8252	0.9049	0.4111	0.9719	0.9994	0.9995	0.9993	0.9993
6.7	0.8423	0.8918	0.6859	0.9663	0.9992	0.9993	0.9991	0.9991
6.8	0.8450	0.8877	0.8604	0.9684	0.9995	0.9996	0.9994	0.9995
6.9	0.8927	0.8808	0.9376	0.9785	0.9994	0.9995	0.9993	0.9994
7.0	0.8725	0.8309	0.9774	0.9783	0.9992	0.9994	0.9992	0.9994
7.1	0.9254	0.8256	0.9850	0.9773	0.9992	0.9993	0.9992	0.9992
7.2	0.9570	0.6901	0.9913	0.9788	0.9991	0.9993	0.9991	0.9992
7.3	0.9712	0.7099	0.9922	0.9791	0.9993	0.9994	0.9993	0.9993
7.4	0.9485	0.7974	0.9896	0.9719	0.9995	0.9996	0.9995	0.9994
7.5	0.8756	0.7966	0.9834	0.9350	0.9992	0.9993	0.9992	0.9992
7.6	0.8745	0.7317	0.9827	0.7624	0.9990	0.9992	0.9990	0.9989
7.7	0.9169	0.7714	0.9791	0.2092	0.9992	0.9994	0.9992	0.9992
7.8	0.9183	0.8411	0.9859	0.1093	0.9995	0.9995	0.9994	0.9994
7.9	0.8936	0.8418	0.9841	0.0126	0.9993	0.9994	0.9993	0.9993

8.0	0.8940	0.7382	0.9796	0.3937	0.9994	0.9994	0.9994	0.9993
8.1	0.9116	0.7924	0.9718	0.3436	0.9992	0.9993	0.9991	0.9990
8.2	0.9282	0.8003	0.9787	0.2622	0.9992	0.9993	0.9991	0.9991
8.3	0.9115	0.8514	0.9733	0.3985	0.9992	0.9992	0.9991	0.9990
8.4	0.8925	0.8580	0.9791	0.5928	0.9993	0.9992	0.9992	0.9990
8.5	0.9035	0.8597	0.9796	0.6242	0.9992	0.9993	0.9992	0.9991
8.6	0.9189	0.9033	0.9829	0.7730	0.9990	0.9991	0.9990	0.9989
8.7	0.9204	0.9072	0.9880	0.7918	0.9992	0.9993	0.9991	0.9992
8.8	0.9304	0.9202	0.9894	0.8981	0.9991	0.9992	0.9991	0.9991
8.9	0.9478	0.9109	0.9833	0.9567	0.9992	0.9994	0.9992	0.9993
9.0	0.9232	0.9141	0.9848	0.9493	0.9988	0.9989	0.9987	0.9988
9.1	0.9205	0.9120	0.9827	0.9524	0.9987	0.9987	0.9986	0.9984
9.2	0.9199	0.9186	0.9855	0.9672	0.9989	0.9990	0.9988	0.9988
9.3	0.9465	0.9190	0.9868	0.9868	0.9984	0.9986	0.9984	0.9985
9.4	0.9731	0.9426	0.9924	0.9915	0.9989	0.9990	0.9988	0.9988
9.5	0.9724	0.9159	0.9908	0.9928	0.9993	0.9994	0.9993	0.9993
9.6	0.9570	0.7651	0.9819	0.9914	0.9991	0.9991	0.9990	0.9988
9.7	0.9520	0.7237	0.9631	0.9896	0.9994	0.9995	0.9994	0.9992
9.8	0.9447	0.6419	0.9502	0.9904	0.9993	0.9993	0.9992	0.9990
9.9	0.9435	0.5946	0.9073	0.9899	0.9993	0.9992	0.9993	0.9990
10.0	0.9332	0.6821	0.8047	0.9888	0.9991	0.9993	0.9990	0.9990
10.1	0.9099	0.7085	0.6056	0.9855	0.9991	0.9991	0.9991	0.9989
10.2	0.9255	0.6878	0.4723	0.9774	0.9992	0.9992	0.9992	0.9990
10.3	0.9123	0.6896	0.4427	0.9769	0.9993	0.9993	0.9992	0.9990
10.4	0.9130	0.7097	0.5513	0.9831	0.9994	0.9994	0.9993	0.9992
10.5	0.9079	0.6449	0.5197	0.9652	0.9993	0.9992	0.9991	0.9989
10.6	0.8913	0.7121	0.4023	0.9495	0.9989	0.9990	0.9988	0.9987
10.7	0.9118	0.7875	0.6864	0.9597	0.9992	0.9992	0.9991	0.9989
10.8	0.9086	0.8637	0.6753	0.9671	0.9991	0.9991	0.9989	0.9989
10.9	0.8878	0.8537	0.5393	0.9584	0.9988	0.9987	0.9986	0.9983
11.0	0.8912	0.8317	0.5616	0.9633	0.9992	0.9990	0.9990	0.9986
11.1	0.8902	0.8909	0.8034	0.9549	0.9992	0.9991	0.9990	0.9988
11.2	0.8508	0.9119	0.8387	0.9493	0.9989	0.9991	0.9988	0.9988
11.3	0.7914	0.9215	0.8809	0.9518	0.9986	0.9988	0.9985	0.9984
11.4	0.8213	0.9486	0.9095	0.9686	0.9986	0.9987	0.9987	0.9983
11.5	0.9152	0.9571	0.9312	0.9723	0.9986	0.9988	0.9985	0.9984
11.6	0.9328	0.9686	0.9401	0.9801	0.9988	0.9986	0.9987	0.9982
11.7	0.9299	0.9585	0.9277	0.9769	0.9986	0.9983	0.9984	0.9977
11.8	0.9396	0.9480	0.9167	0.9711	0.9984	0.9981	0.9983	0.9974
11.9	0.9534	0.9560	0.9331	0.9741	0.9987	0.9984	0.9986	0.9978
12.0	0.9418	0.9295	0.8882	0.9611	0.9985	0.9980	0.9982	0.9974
12.1	0.9398	0.8609	0.7954	0.9575	0.9986	0.9983	0.9985	0.9977
12.2	0.8755	0.6545	0.6535	0.8930	0.9975	0.9974	0.9975	0.9967
12.3	0.9171	0.6938	0.6189	0.9166	0.9980	0.9978	0.9978	0.9973
12.4	0.8888	0.8000	0.6195	0.9372	0.9982	0.9982	0.9983	0.9978
12.5	0.8458	0.7867	0.6138	0.9103	0.9982	0.9979	0.9980	0.9973
12.6	0.8854	0.8204	0.6063	0.9238	0.9983	0.9980	0.9982	0.9975
12.7	0.8611	0.8424	0.4858	0.9469	0.9987	0.9985	0.9986	0.9980
12.8	0.7960	0.7946	0.1807	0.9181	0.9987	0.9985	0.9986	0.9981
12.9	0.6872	0.7693	0.0660	0.9093	0.9988	0.9986	0.9987	0.9982
13.0	0.7111	0.8556	0.1095	0.9248	0.9991	0.9991	0.9990	0.9988
13.1	0.7217	0.8077	0.0619	0.9025	0.9985	0.9984	0.9984	0.9979
13.2	0.7039	0.7720	0.0724	0.9013	0.9983	0.9980	0.9981	0.9974
13.3	0.6035	0.7535	0.3418	0.8492	0.9985	0.9981	0.9984	0.9977
13.4	0.6032	0.6309	0.5771	0.8457	0.9979	0.9975	0.9978	0.9969
13.5	0.7137	0.6383	0.6731	0.8101	0.9980	0.9974	0.9979	0.9968
13.6	0.7651	0.7534	0.7933	0.8510	0.9982	0.9976	0.9980	0.9971
13.7	0.7947	0.7898	0.8511	0.8461	0.9971	0.9960	0.9966	0.9950
13.8	0.8405	0.8142	0.8612	0.8642	0.9970	0.9964	0.9968	0.9958
13.9	0.8708	0.8345	0.8998	0.8999	0.9972	0.9964	0.9970	0.9956
14.0	0.9323	0.9154	0.9346	0.9418	0.9977	0.9970	0.9974	0.9963
14.1	0.9458	0.9425	0.9459	0.9606	0.9978	0.9973	0.9975	0.9967
14.2	0.9567	0.9517	0.9417	0.9620	0.9977	0.9971	0.9975	0.9965
14.3	0.9562	0.9580	0.9467	0.9678	0.9968	0.9958	0.9965	0.9951
14.4	0.9608	0.9597	0.9597	0.9659	0.9968	0.9956	0.9964	0.9948
14.5	0.9652	0.9664	0.9493	0.9708	0.9973	0.9967	0.9971	0.9960
14.6	0.9477	0.9424	0.9346	0.9488	0.9966	0.9949	0.9962	0.9938
14.7	0.9570	0.9544	0.9348	0.9573	0.9969	0.9951	0.9966	0.9942
14.8	0.9649	0.9617	0.9513	0.9687	0.9969	0.9959	0.9967	0.9951
14.9	0.9625	0.9510	0.9397	0.9627	0.9951	0.9928	0.9947	0.9916
15.0	0.9532	0.9505	0.9268	0.9586	0.9958	0.9941	0.9954	0.9931
15.1	0.9358	0.9477	0.9034	0.9499	0.9946	0.9925	0.9941	0.9914
15.2	0.9363	0.9326	0.8861	0.9391	0.9950	0.9934	0.9948	0.9924
15.3	0.8981	0.9067	0.8508	0.9153	0.9953	0.9927	0.9946	0.9914
15.4	0.8384	0.8747	0.7705	0.8845	0.9937	0.9920	0.9933	0.9908
15.5	0.8209	0.8661	0.8120	0.8672	0.9935	0.9915	0.9934	0.9904
15.6	0.8649	0.9181	0.8914	0.9009	0.9944	0.9924	0.9941	0.9914
15.7	0.8831	0.9260	0.9055	0.9186	0.9932	0.9901	0.9926	0.9888
15.8	0.9225	0.9399	0.9254	0.9303	0.9918	0.9884	0.9916	0.9870
15.9	0.9168	0.9350	0.9226	0.9291	0.9890	0.9860	0.9889	0.9844
16.0	0.9437	0.9542	0.9487	0.9511	0.9872	0.9878	0.9873	0.9870
16.1	0.9540	0.9604	0.9512	0.9581	0.9864	0.9852	0.9860	0.9841
16.2	0.9556	0.9607	0.9529	0.9597	0.9852	0.9831	0.9848	0.9819
16.3	0.9405	0.9485	0.9385	0.9481	0.9793	0.9737	0.9784	0.9717
16.4	0.9535	0.9598	0.9500	0.9578	0.9787	0.9770	0.9780	0.9758
16.5	0.9530	0.9590	0.9528	0.9600	0.9787	0.9784	0.9784	0.9778

16.6	0.9603	0.9621	0.9580	0.9632	0.9738	0.9722	0.9734	0.9716
16.7	0.9666	0.9676	0.9652	0.9678	0.9756	0.9745	0.9751	0.9740
16.8	0.9667	0.9665	0.9651	0.9658	0.9735	0.9708	0.9726	0.9701
16.9	0.9616	0.9618	0.9594	0.9637	0.9690	0.9670	0.9684	0.9667
17.0	0.9717	0.9716	0.9704	0.9704	0.9810	0.9805	0.9809	0.9804
17.1	0.9734	0.9741	0.9715	0.9721	0.9859	0.9863	0.9859	0.9865
17.2	0.9851	0.9844	0.9834	0.9844	0.9887	0.9877	0.9885	0.9875
17.3	0.9871	0.9849	0.9865	0.9855	0.9912	0.9909	0.9913	0.9910
17.4	0.9850	0.9848	0.9834	0.9827	0.9922	0.9921	0.9923	0.9921
17.5	0.9882	0.9852	0.9853	0.9872	0.9936	0.9936	0.9937	0.9937
17.6	0.9922	0.9918	0.9907	0.9926	0.9954	0.9941	0.9951	0.9940
17.7	0.9912	0.9909	0.9901	0.9914	0.9964	0.9964	0.9965	0.9965
17.8	0.9903	0.9896	0.9892	0.9903	0.9965	0.9966	0.9966	0.9968
17.9	0.9928	0.9919	0.9916	0.9926	0.9975	0.9973	0.9974	0.9974
18.0	0.9925	0.9928	0.9920	0.9932	0.9978	0.9977	0.9978	0.9978
18.1	0.9945	0.9950	0.9940	0.9945	0.9982	0.9979	0.9982	0.9980
18.2	0.9951	0.9954	0.9942	0.9959	0.9987	0.9985	0.9987	0.9985
18.3	0.9955	0.9963	0.9951	0.9961	0.9987	0.9985	0.9987	0.9986
18.4	0.9954	0.9970	0.9952	0.9968	0.9986	0.9982	0.9986	0.9983
18.5	0.9966	0.9975	0.9967	0.9977	0.9990	0.9988	0.9990	0.9989
18.6	0.9975	0.9981	0.9982	0.9978	0.9989	0.9987	0.9989	0.9988
18.7	0.9978	0.9984	0.9985	0.9982	0.9993	0.9991	0.9993	0.9992
18.8	0.9972	0.9977	0.9974	0.9975	0.9992	0.9990	0.9992	0.9991
18.9	0.9963	0.9967	0.9963	0.9965	0.9991	0.9988	0.9991	0.9989
19.0	0.9966	0.9971	0.9968	0.9967	0.9992	0.9991	0.9992	0.9992
19.1	0.9967	0.9976	0.9971	0.9972	0.9993	0.9992	0.9993	0.9993
19.2	0.9970	0.9976	0.9972	0.9972	0.9994	0.9992	0.9994	0.9993
19.3	0.9963	0.9972	0.9967	0.9965	0.9993	0.9992	0.9993	0.9993
19.4	0.9961	0.9973	0.9970	0.9966	0.9993	0.9991	0.9993	0.9992
19.5	0.9962	0.9968	0.9959	0.9970	0.9995	0.9993	0.9994	0.9994
19.6	0.9953	0.9960	0.9950	0.9954	0.9991	0.9990	0.9992	0.9991
19.7	0.9950	0.9964	0.9957	0.9956	0.9991	0.9989	0.9991	0.9990
19.8	0.9961	0.9972	0.9948	0.9971	0.9994	0.9993	0.9994	0.9994
19.9	0.9944	0.9959	0.9954	0.9952	0.9992	0.9992	0.9993	0.9992
20.0	0.9920	0.9929	0.9910	0.9930	0.9991	0.9990	0.9991	0.9991
20.1	0.9905	0.9921	0.9891	0.9939	0.9989	0.9988	0.9989	0.9989
20.2	0.9934	0.9946	0.9920	0.9953	0.9987	0.9987	0.9988	0.9988
20.3	0.9938	0.9936	0.9911	0.9947	0.9986	0.9985	0.9987	0.9987
20.4	0.9917	0.9923	0.9896	0.9934	0.9985	0.9986	0.9987	0.9988
20.5	0.9891	0.9914	0.9858	0.9917	0.9986	0.9985	0.9987	0.9987
20.6	0.9895	0.9903	0.9843	0.9927	0.9982	0.9979	0.9982	0.9983
20.7	0.9897	0.9910	0.9894	0.9928	0.9987	0.9986	0.9988	0.9987
20.8	0.9901	0.9916	0.9878	0.9924	0.9985	0.9984	0.9986	0.9986
20.9	0.9879	0.9878	0.9854	0.9921	0.9986	0.9987	0.9988	0.9989
21.0	0.9811	0.9814	0.9740	0.9837	0.9981	0.9980	0.9984	0.9983
21.1	0.9848	0.9848	0.9814	0.9835	0.9977	0.9973	0.9979	0.9977
21.2	0.9813	0.9836	0.9754	0.9848	0.9977	0.9974	0.9978	0.9979
21.3	0.9791	0.9813	0.9801	0.9842	0.9982	0.9980	0.9983	0.9985
21.4	0.9726	0.9710	0.9659	0.9787	0.9978	0.9975	0.9978	0.9981
21.5	0.9742	0.9750	0.9702	0.9789	0.9981	0.9980	0.9983	0.9984
21.6	0.9746	0.9738	0.9725	0.9783	0.9985	0.9984	0.9987	0.9988
21.7	0.9628	0.9604	0.9553	0.9688	0.9984	0.9982	0.9985	0.9986
21.8	0.9489	0.9481	0.9478	0.9567	0.9976	0.9974	0.9979	0.9981
21.9	0.9225	0.9154	0.9270	0.9275	0.9978	0.9977	0.9980	0.9982
22.0	0.9002	0.8929	0.9116	0.9102	0.9979	0.9975	0.9981	0.9977
22.1	0.8631	0.8730	0.8837	0.8872	0.9975	0.9972	0.9978	0.9978
22.2	0.8532	0.8577	0.8626	0.8780	0.9971	0.9970	0.9976	0.9976
22.3	0.7862	0.7764	0.8283	0.8146	0.9972	0.9970	0.9977	0.9977
22.4	0.6841	0.6811	0.7028	0.8169	0.9977	0.9983	0.9983	0.9986
22.5	0.6913	0.6304	0.6937	0.8151	0.9981	0.9978	0.9983	0.9981
22.6	0.7417	0.7017	0.7402	0.8773	0.9979	0.9974	0.9980	0.9980
22.7	0.6938	0.7083	0.6895	0.8642	0.9976	0.9973	0.9979	0.9979
22.8	0.6799	0.6526	0.6061	0.8785	0.9976	0.9973	0.9978	0.9978
22.9	0.7738	0.7507	0.7243	0.8891	0.9981	0.9976	0.9982	0.9980
23.0	0.7708	0.7753	0.7256	0.9023	0.9977	0.9969	0.9978	0.9974
23.1	0.7732	0.7635	0.7394	0.8657	0.9975	0.9965	0.9976	0.9971
23.2	0.7543	0.7812	0.7210	0.8665	0.9969	0.9960	0.9973	0.9971
23.3	0.7506	0.7866	0.7278	0.8778	0.9962	0.9952	0.9966	0.9964
23.4	0.7763	0.8210	0.8031	0.8829	0.9969	0.9965	0.9973	0.9975
23.5	0.8057	0.8389	0.8036	0.9064	0.9975	0.9970	0.9979	0.9977
23.6	0.7690	0.7994	0.7881	0.8741	0.9976	0.9969	0.9979	0.9976
23.7	0.5704	0.7311	0.6833	0.7961	0.9971	0.9960	0.9975	0.9970
23.8	0.5210	0.7027	0.5689	0.7911	0.9967	0.9954	0.9970	0.9960
23.9	0.6169	0.7475	0.5384	0.8087	0.9963	0.9943	0.9964	0.9954
24.0	0.5411	0.7400	0.5846	0.7713	0.9958	0.9933	0.9958	0.9950
24.1	0.6239	0.7466	0.6836	0.8399	0.9962	0.9946	0.9964	0.9957
24.2	0.7019	0.7831	0.7580	0.8373	0.9962	0.9952	0.9969	0.9964
24.3	0.6790	0.8029	0.7492	0.8405	0.9948	0.9937	0.9959	0.9956
24.4	0.5926	0.7835	0.6500	0.8161	0.9952	0.9940	0.9959	0.9957
24.5	0.7660	0.8884	0.8004	0.9152	0.9969	0.9960	0.9974	0.9972
24.6	0.8132	0.9024	0.8475	0.8982	0.9968	0.9959	0.9973	0.9972
24.7	0.7817	0.8867	0.7967	0.9030	0.9964	0.9953	0.9968	0.9969
24.8	0.7856	0.9072	0.8074	0.8938	0.9960	0.9949	0.9967	0.9966
24.9	0.8355	0.8933	0.7652	0.8874	0.9944	0.9930	0.9954	0.9951
25.0	0.8400	0.8984	0.7961	0.8762	0.9954	0.9938	0.9960	0.9956
25.1	0.8004	0.8690	0.7867	0.8773	0.9941	0.9920	0.9946	0.9944

25.2	0.8180	0.8994	0.8110	0.8709	0.9945	0.9931	0.9954	0.9953
25.3	0.8542	0.8817	0.8012	0.8734	0.9960	0.9949	0.9967	0.9967
25.4	0.8184	0.8951	0.8172	0.8630	0.9960	0.9950	0.9967	0.9965
25.5	0.8014	0.9005	0.8009	0.8400	0.9947	0.9933	0.9956	0.9954
25.6	0.7659	0.8833	0.7991	0.8225	0.9939	0.9929	0.9951	0.9950
25.7	0.8304	0.8842	0.8779	0.8365	0.9953	0.9940	0.9961	0.9959
25.8	0.8521	0.8855	0.8054	0.8545	0.9954	0.9933	0.9960	0.9957
25.9	0.8761	0.9271	0.8446	0.9143	0.9952	0.9942	0.9963	0.9964
26.0	0.8344	0.9034	0.8097	0.8577	0.9944	0.9929	0.9954	0.9954
26.1	0.8544	0.8977	0.8406	0.8654	0.9942	0.9922	0.9953	0.9946
26.2	0.8963	0.9290	0.8940	0.8886	0.9952	0.9943	0.9963	0.9961
26.3	0.8657	0.9111	0.8681	0.8768	0.9943	0.9926	0.9952	0.9952
26.4	0.8914	0.9384	0.8910	0.9011	0.9950	0.9940	0.9961	0.9959
26.5	0.8585	0.8962	0.8547	0.8584	0.9940	0.9934	0.9960	0.9957
26.6	0.9146	0.9329	0.9094	0.9028	0.9959	0.9954	0.9969	0.9971
26.7	0.9049	0.9336	0.9163	0.8943	0.9956	0.9953	0.9970	0.9972
26.8	0.8296	0.8913	0.8939	0.8318	0.9937	0.9925	0.9957	0.9951
26.9	0.8631	0.8947	0.8912	0.8346	0.9941	0.9913	0.9950	0.9944
27.0	0.8788	0.8922	0.8826	0.8117	0.9963	0.9951	0.9970	0.9967
27.1	0.8919	0.8943	0.8800	0.8126	0.9965	0.9953	0.9972	0.9968
27.2	0.8327	0.7991	0.8321	0.8035	0.9949	0.9950	0.9965	0.9968
27.3	0.8503	0.8549	0.8614	0.7849	0.9932	0.9938	0.9958	0.9959
27.4	0.8678	0.8825	0.8886	0.8044	0.9942	0.9950	0.9967	0.9967
27.5	0.7954	0.8352	0.8680	0.7542	0.9950	0.9943	0.9967	0.9967
27.6	0.7777	0.7328	0.7748	0.5299	0.9928	0.9929	0.9956	0.9957
27.7	0.8227	0.7750	0.8650	0.6803	0.9941	0.9946	0.9965	0.9963
27.8	0.8269	0.8391	0.8924	0.7658	0.9957	0.9952	0.9971	0.9969
27.9	0.8416	0.8488	0.8685	0.6855	0.9942	0.9940	0.9966	0.9960
28.0	0.8076	0.8085	0.8850	0.6428	0.9947	0.9947	0.9972	0.9965
28.1	0.7201	0.7035	0.8237	0.5146	0.9950	0.9937	0.9970	0.9960
28.2	0.7661	0.7365	0.8468	0.5435	0.9950	0.9939	0.9966	0.9958
28.3	0.8173	0.7197	0.8338	0.5731	0.9954	0.9951	0.9974	0.9969
28.4	0.6548	0.5218	0.6861	0.2703	0.9935	0.9904	0.9953	0.9936
28.5	0.6857	0.5442	0.7557	0.2816	0.9940	0.9906	0.9958	0.9938
28.6	0.6809	0.5557	0.8095	0.3121	0.9947	0.9925	0.9965	0.9953
28.7	0.6728	0.4993	0.7465	0.3512	0.9948	0.9936	0.9968	0.9956
28.8	0.5562	0.4921	0.6858	0.2099	0.9948	0.9947	0.9975	0.9965
28.9	0.5070	0.3262	0.6893	0.3154	0.9960	0.9951	0.9974	0.9969
29.0	0.5327	0.4692	0.7219	0.1323	0.9965	0.9949	0.9974	0.9968
29.1	0.5637	0.5040	0.7471	0.2779	0.9962	0.9953	0.9978	0.9970
29.2	0.2960	0.3699	0.6238	0.2175	0.9934	0.9941	0.9971	0.9961
29.3	0.3518	0.3979	0.5506	0.2140	0.9952	0.9934	0.9970	0.9958
29.4	0.2343	0.3975	0.6127	0.3833	0.9949	0.9945	0.9973	0.9966
29.5	0.1357	0.2383	0.5357	0.2941	0.9946	0.9932	0.9966	0.9961
29.6	0.0493	0.1883	0.4020	0.2801	0.9927	0.9920	0.9959	0.9948
29.7	0.0266	0.1437	0.3298	0.2317	0.9910	0.9903	0.9950	0.9939
29.8	0.0042	0.1029	0.2195	0.1572	0.9934	0.9936	0.9963	0.9962
29.9	0.0282	0.0771	0.2212	0.0049	0.9945	0.9938	0.9975	0.9968
30.0	0.0009	0.0045	0.2141	0.2110	0.9954	0.9951	0.9973	0.9971
30.1	0.0569	0.1888	0.2277	0.2345	0.9932	0.9918	0.9960	0.9952
30.2	0.0333	0.1080	0.2483	0.2869	0.9942	0.9929	0.9961	0.9955
30.3	0.0785	0.1190	0.2110	0.2485	0.9913	0.9891	0.9948	0.9936
30.4	0.1303	0.0746	0.0655	0.2925	0.9921	0.9908	0.9956	0.9950
30.5	0.1947	0.0356	0.0681	0.2651	0.9938	0.9929	0.9967	0.9962
30.6	0.3213	0.0087	0.0773	0.2871	0.9934	0.9936	0.9969	0.9967
30.7	0.1901	0.0371	0.0324	0.2930	0.9934	0.9932	0.9964	0.9956
30.8	0.1247	0.0129	0.0346	0.2307	0.9927	0.9917	0.9961	0.9953
30.9	0.1163	0.0152	0.0289	0.1844	0.9909	0.9916	0.9953	0.9943
31.0	0.0870	0.0493	0.0218	0.1359	0.9932	0.9919	0.9959	0.9950
31.1	0.0704	0.1250	0.0031	0.2261	0.9924	0.9901	0.9952	0.9945
31.2	0.0421	0.0829	0.0035	0.0165	0.9911	0.9917	0.9956	0.9952
31.3	0.0191	0.0075	0.0023	0.0832	0.9899	0.9902	0.9956	0.9945
31.4	0.0883	0.0217	0.0305	0.1154	0.9885	0.9870	0.9928	0.9923
31.5	0.1752	0.0661	0.0139	0.1577	0.9898	0.9907	0.9953	0.9940
31.6	0.1097	0.0922	0.0303	0.1315	0.9888	0.9897	0.9950	0.9941
31.7	0.2047	0.1916	0.0839	0.2032	0.9891	0.9911	0.9954	0.9953
31.8	0.3489	0.2740	0.1282	0.2544	0.9880	0.9906	0.9947	0.9951
31.9	0.2050	0.1460	0.0788	0.1052	0.9902	0.9909	0.9958	0.9952
32.0	0.3070	0.0657	0.1521	0.1202	0.9886	0.9885	0.9954	0.9938
32.1	0.1411	0.0957	0.1177	0.1548	0.9856	0.9861	0.9942	0.9915
32.2	0.1676	0.0798	0.1318	0.1040	0.9884	0.9885	0.9951	0.9932
32.3	0.1877	0.1062	0.1525	0.2984	0.9897	0.9872	0.9942	0.9925
32.4	0.2591	0.1189	0.2194	0.1998	0.9929	0.9914	0.9960	0.9950
32.5	0.1536	0.0613	0.1447	0.1850	0.9900	0.9921	0.9965	0.9946
32.6	0.1940	0.1442	0.1659	0.0811	0.9890	0.9908	0.9960	0.9938
32.7	0.1619	0.0828	0.2692	0.1780	0.9911	0.9900	0.9959	0.9943
32.8	0.2072	0.0814	0.1855	0.1909	0.9861	0.9866	0.9944	0.9927
32.9	0.3466	0.0889	0.2783	0.1189	0.9855	0.9872	0.9943	0.9934
33.0	0.3255	0.1038	0.3043	0.0609	0.9840	0.9871	0.9940	0.9939
33.1	0.3854	0.0829	0.3826	0.1224	0.9861	0.9910	0.9956	0.9951
33.2	0.3474	0.0588	0.3627	0.2401	0.9917	0.9924	0.9969	0.9961
33.3	0.3075	0.2665	0.4443	0.3885	0.9899	0.9929	0.9967	0.9960
33.4	0.1674	0.1583	0.4092	0.2213	0.9888	0.9908	0.9953	0.9947
33.5	0.2857	0.0693	0.3133	0.2817	0.9871	0.9889	0.9947	0.9935
33.6	0.1973	0.1161	0.2837	0.2075	0.9860	0.9892	0.9949	0.9927
33.7	0.0700	0.2025	0.2464	0.2701	0.9847	0.9863	0.9937	0.9910

33.8	0.2430	0.2565	0.4972	0.4075	0.9888	0.9904	0.9953	0.9935
33.9	0.2870	0.2426	0.3532	0.2822	0.9855	0.9863	0.9938	0.9920
34.0	0.2217	0.2393	0.3401	0.1125	0.9787	0.9840	0.9927	0.9910
34.1	0.0802	0.2002	0.3402	0.0478	0.9840	0.9877	0.9944	0.9931
34.2	0.2142	0.1461	0.1824	0.0138	0.9822	0.9873	0.9936	0.9923
34.3	0.3375	0.2903	0.4579	0.0004	0.9813	0.9860	0.9941	0.9927
34.4	0.5643	0.2934	0.5485	0.0448	0.9882	0.9904	0.9962	0.9950
34.5	0.5858	0.4138	0.5514	0.0633	0.9869	0.9877	0.9957	0.9933
34.6	0.6252	0.5079	0.5897	0.0190	0.9866	0.9908	0.9967	0.9948
34.7	0.6831	0.5937	0.7626	0.0147	0.9872	0.9928	0.9972	0.9959
34.8	0.5791	0.6315	0.7280	0.0940	0.9820	0.9881	0.9952	0.9940
34.9	0.5565	0.5732	0.7029	0.0804	0.9803	0.9909	0.9957	0.9947
35.0	0.5658	0.6122	0.7387	0.0461	0.9858	0.9903	0.9957	0.9947
35.1	0.6128	0.7203	0.7202	0.1156	0.9876	0.9896	0.9956	0.9939
35.2	0.5559	0.6490	0.6779	0.3192	0.9865	0.9898	0.9961	0.9938
35.3	0.6053	0.6921	0.6458	0.1858	0.9853	0.9886	0.9960	0.9930
35.4	0.6633	0.7339	0.6856	0.2145	0.9846	0.9889	0.9956	0.9932
35.5	0.6573	0.7835	0.7147	0.1386	0.9786	0.9886	0.9948	0.9933
35.6	0.7073	0.7960	0.6213	0.2968	0.9805	0.9893	0.9957	0.9943
35.7	0.7394	0.7198	0.5483	0.2986	0.9787	0.9861	0.9956	0.9945
35.8	0.8028	0.7853	0.6310	0.3525	0.9826	0.9858	0.9955	0.9934
35.9	0.8283	0.7956	0.6010	0.3704	0.9763	0.9856	0.9956	0.9932
36.0	0.8444	0.8208	0.6267	0.4183	0.9806	0.9776	0.9941	0.9900
36.1	0.9327	0.8995	0.7895	0.5513	0.9871	0.9851	0.9964	0.9947
36.2	0.9311	0.9287	0.8229	0.5991	0.9866	0.9901	0.9969	0.9964
36.3	0.8920	0.9115	0.7649	0.4888	0.9817	0.9845	0.9964	0.9936
36.4	0.9089	0.9149	0.7191	0.4870	0.9799	0.9829	0.9962	0.9926
36.5	0.9405	0.9404	0.8272	0.5941	0.9868	0.9843	0.9960	0.9935
36.6	0.9586	0.9514	0.8309	0.4865	0.9816	0.9811	0.9946	0.9925
36.7	0.9666	0.9605	0.8600	0.4447	0.9862	0.9804	0.9954	0.9935
36.8	0.9583	0.9559	0.8628	0.3316	0.9764	0.9780	0.9949	0.9938
36.9	0.9601	0.9628	0.8066	0.4382	0.9751	0.9766	0.9945	0.9925
37.0	0.9748	0.9631	0.8787	0.5155	0.9784	0.9807	0.9949	0.9939
37.1	0.9604	0.9675	0.8258	0.5257	0.9748	0.9780	0.9943	0.9936
37.2	0.9494	0.9532	0.8108	0.3447	0.9453	0.9555	0.9894	0.9875
37.3	0.9522	0.9651	0.8372	0.4529	0.9568	0.9674	0.9905	0.9886
37.4	0.8710	0.9699	0.6586	0.2931	0.9672	0.9717	0.9924	0.9907
37.5	0.9759	0.9721	0.8680	0.6217	0.9743	0.9784	0.9942	0.9930
37.6	0.9747	0.9805	0.8735	0.6549	0.9714	0.9754	0.9941	0.9919
37.7	0.9791	0.9837	0.9122	0.7455	0.9751	0.9696	0.9942	0.9915
37.8	0.9773	0.9781	0.9032	0.7253	0.9674	0.9659	0.9938	0.9912
37.9	0.9723	0.9754	0.8757	0.8014	0.9626	0.9635	0.9938	0.9913
38.0	0.9724	0.9695	0.8262	0.8132	0.9633	0.9499	0.9925	0.9892
38.1	0.9802	0.9747	0.8233	0.8308	0.9673	0.9510	0.9928	0.9905
38.2	0.9825	0.9833	0.8751	0.9099	0.9693	0.9677	0.9936	0.9924
38.3	0.9793	0.9851	0.8132	0.8381	0.9452	0.9455	0.9917	0.9897
38.4	0.9742	0.9765	0.7895	0.7767	0.9531	0.9301	0.9909	0.9865
38.5	0.9759	0.9760	0.7979	0.8542	0.9354	0.9445	0.9910	0.9884
38.6	0.9822	0.9769	0.8479	0.8492	0.9515	0.9593	0.9932	0.9923
38.7	0.9778	0.9717	0.7657	0.7849	0.9523	0.9610	0.9931	0.9909
38.8	0.9715	0.9671	0.8140	0.7501	0.9383	0.9401	0.9911	0.9887
38.9	0.9776	0.9745	0.8105	0.7962	0.9469	0.9454	0.9926	0.9908
39.0	0.9806	0.9695	0.8034	0.8023	0.9386	0.9429	0.9920	0.9908
39.1	0.9776	0.9590	0.8639	0.6911	0.9347	0.9459	0.9931	0.9919
39.2	0.9732	0.9576	0.8715	0.5177	0.9268	0.9253	0.9916	0.9900
39.3	0.9669	0.9495	0.8801	0.6534	0.9378	0.9187	0.9905	0.9899
39.4	0.9655	0.9349	0.8869	0.6275	0.9297	0.9127	0.9906	0.9885
39.5	0.9566	0.9153	0.8664	0.5365	0.8984	0.9125	0.9902	0.9893
39.6	0.9520	0.8842	0.8656	0.5175	0.9202	0.8854	0.9896	0.9883
39.7	0.9510	0.8718	0.8898	0.4188	0.9226	0.8997	0.9902	0.9887
39.8	0.9438	0.8492	0.9013	0.5054	0.9200	0.8985	0.9911	0.9897
39.9	0.9381	0.8353	0.8862	0.5183	0.9046	0.9013	0.9911	0.9908
40.0	0.9383	0.7813	0.8799	0.6722	0.8856	0.8507	0.9860	0.9855
40.1	0.9073	0.7295	0.8902	0.6936	0.8461	0.8226	0.9852	0.9850
40.2	0.8769	0.6225	0.8245	0.5940	0.8201	0.8152	0.9837	0.9847
40.3	0.9077	0.6762	0.8824	0.7243	0.8574	0.8555	0.9880	0.9878
40.4	0.8790	0.6154	0.8624	0.6480	0.8346	0.8428	0.9864	0.9848
40.5	0.8719	0.4300	0.8226	0.6891	0.8239	0.8082	0.9855	0.9833
40.6	0.8808	0.5475	0.8206	0.7064	0.7948	0.7810	0.9856	0.9856
40.7	0.8723	0.5627	0.8707	0.8108	0.7991	0.7857	0.9837	0.9836
40.8	0.8821	0.6327	0.8008	0.7478	0.8365	0.8392	0.9885	0.9881
40.9	0.8814	0.6409	0.8039	0.7543	0.8187	0.8389	0.9905	0.9881
41.0	0.8281	0.2967	0.8650	0.7341	0.7742	0.7857	0.9875	0.9860
41.1	0.8538	0.5769	0.8168	0.7647	0.7498	0.8033	0.9888	0.9883
41.2	0.9051	0.7049	0.8582	0.7839	0.7996	0.8813	0.9917	0.9917
41.3	0.8988	0.6054	0.8246	0.8249	0.7870	0.8563	0.9905	0.9911
41.4	0.8824	0.5546	0.7509	0.7248	0.7672	0.8644	0.9912	0.9906
41.5	0.8380	0.5491	0.7455	0.7312	0.7831	0.8735	0.9920	0.9905
41.6	0.8820	0.5549	0.7450	0.7005	0.7982	0.8604	0.9909	0.9897
41.7	0.8705	0.6788	0.6952	0.7338	0.8027	0.8725	0.9915	0.9905
41.8	0.8814	0.6215	0.8056	0.7662	0.8309	0.8866	0.9923	0.9916
41.9	0.8685	0.5355	0.6879	0.6767	0.7868	0.8574	0.9919	0.9913
42.0	0.8804	0.4706	0.6545	0.6641	0.7498	0.7877	0.9881	0.9861
42.1	0.8694	0.4422	0.7706	0.7685	0.8324	0.8636	0.9923	0.9917
42.2	0.8557	0.2240	0.5475	0.5623	0.8149	0.8797	0.9936	0.9924
42.3	0.7369	0.0102	0.5054	0.4927	0.7224	0.8420	0.9913	0.9907

42.4	0.8045	0.1873	0.5761	0.6244	0.7517	0.8691	0.9922	0.9911
42.5	0.8229	0.1530	0.5181	0.4101	0.7342	0.8548	0.9919	0.9896
42.6	0.7849	0.1578	0.5420	0.5309	0.7397	0.8570	0.9938	0.9916
42.7	0.8652	0.0623	0.6287	0.5875	0.7859	0.8866	0.9936	0.9918
42.8	0.8116	0.0796	0.6488	0.4902	0.8030	0.8998	0.9943	0.9923
42.9	0.6872	0.1271	0.4053	0.3720	0.7825	0.8876	0.9947	0.9940
43.0	0.7227	0.1327	0.5011	0.3680	0.6912	0.8823	0.9933	0.9925
43.1	0.8043	0.3690	0.4651	0.2488	0.7751	0.8755	0.9951	0.9940
43.2	0.8555	0.1232	0.5726	0.4818	0.7470	0.8775	0.9940	0.9934
43.3	0.8412	0.3005	0.5396	0.2849	0.7493	0.8559	0.9935	0.9928
43.4	0.8384	0.3802	0.5153	0.1400	0.7641	0.8570	0.9938	0.9933
43.5	0.6708	0.4459	0.2286	0.0217	0.7195	0.8637	0.9942	0.9934
43.6	0.6036	0.4214	0.1928	0.0567	0.7851	0.8719	0.9946	0.9933
43.7	0.7404	0.1971	0.3505	0.0617	0.7443	0.9047	0.9956	0.9948
43.8	0.5745	0.5244	0.2661	0.1435	0.6961	0.8662	0.9952	0.9940
43.9	0.5667	0.5641	0.2683	0.1108	0.7660	0.8783	0.9936	0.9920
44.0	0.5732	0.5332	0.0184	0.0468	0.6874	0.8371	0.9932	0.9923
44.1	0.5658	0.5005	0.2049	0.0566	0.6305	0.8415	0.9942	0.9920
44.2	0.5079	0.5261	0.0798	0.0075	0.7222	0.8804	0.9946	0.9930
44.3	0.7920	0.4406	0.4293	0.1463	0.6807	0.8708	0.9933	0.9914
44.4	0.7037	0.3399	0.2375	0.1613	0.6646	0.8560	0.9955	0.9931
44.5	0.5634	0.2380	0.0901	0.1806	0.7501	0.8893	0.9960	0.9954
44.6	0.4725	0.0281	0.2934	0.0244	0.6916	0.8886	0.9948	0.9941
44.7	0.5127	0.1372	0.3860	0.2853	0.7136	0.8800	0.9939	0.9935
44.8	0.4843	0.1098	0.2265	0.3969	0.7095	0.9056	0.9952	0.9939
44.9	0.2768	0.2521	0.1980	0.2455	0.7512	0.9098	0.9963	0.9952
45.0	0.5769	0.3523	0.4478	0.3349	0.7846	0.9022	0.9956	0.9955
45.1	0.0458	0.4715	0.0748	0.4014	0.7614	0.8793	0.9951	0.9935
45.2	0.0866	0.2753	0.0377	0.3075	0.7517	0.8959	0.9949	0.9934
45.3	0.2085	0.2587	0.1714	0.2817	0.7597	0.9178	0.9951	0.9947
45.4	0.0782	0.2905	0.0970	0.3550	0.7289	0.8862	0.9944	0.9916
45.5	0.3381	0.4302	0.1760	0.2246	0.6738	0.8745	0.9942	0.9928
45.6	0.6356	0.5109	0.6051	0.5092	0.7755	0.9184	0.9965	0.9953
45.7	0.4221	0.6927	0.3701	0.6038	0.7798	0.9165	0.9967	0.9964
45.8	0.2955	0.5588	0.2209	0.5728	0.7185	0.8950	0.9953	0.9948
45.9	0.1782	0.5649	0.3346	0.4137	0.7443	0.9048	0.9959	0.9950
46.0	0.4720	0.6927	0.6306	0.5716	0.7944	0.9048	0.9963	0.9946
46.1	0.0660	0.6970	0.5184	0.6094	0.7450	0.8962	0.9958	0.9943
46.2	0.4045	0.7305	0.6047	0.6545	0.7718	0.9162	0.9962	0.9957
46.3	0.0979	0.6199	0.4989	0.5540	0.7808	0.9019	0.9957	0.9949
46.4	0.3398	0.7086	0.6605	0.7596	0.7988	0.9145	0.9959	0.9945
46.5	0.0494	0.5115	0.4900	0.6258	0.7809	0.8977	0.9948	0.9936
46.6	0.1577	0.5706	0.5650	0.7402	0.7650	0.9019	0.9952	0.9942
46.7	0.0608	0.5720	0.3772	0.6837	0.8118	0.8934	0.9948	0.9934
46.8	0.0154	0.5493	0.2535	0.6146	0.8375	0.9032	0.9955	0.9952
46.9	0.0525	0.4642	0.1533	0.6744	0.8293	0.9150	0.9949	0.9945
47.0	0.0150	0.4002	0.4786	0.5703	0.8308	0.9231	0.9946	0.9936
47.1	0.0628	0.4939	0.4543	0.6507	0.8463	0.9255	0.9956	0.9947
47.2	0.0483	0.4133	0.6200	0.4700	0.8449	0.8909	0.9931	0.9933
47.3	0.0345	0.6016	0.6023	0.7220	0.9157	0.9364	0.9958	0.9955
47.4	0.0978	0.6370	0.6711	0.6560	0.8730	0.9503	0.9959	0.9958
47.5	0.1202	0.6525	0.6500	0.6242	0.8630	0.9409	0.9957	0.9960
47.6	0.3376	0.8319	0.7663	0.6346	0.9035	0.9531	0.9965	0.9958
47.7	0.2726	0.8416	0.8254	0.7982	0.9085	0.9494	0.9960	0.9948
47.8	0.3739	0.8964	0.7926	0.7879	0.8371	0.9031	0.9929	0.9911
47.9	0.1822	0.9298	0.7857	0.8423	0.8658	0.9328	0.9949	0.9937
48.0	0.2034	0.9287	0.8512	0.8272	0.8919	0.9437	0.9957	0.9945
48.1	0.0341	0.7836	0.8819	0.8730	0.9132	0.9413	0.9962	0.9949
48.2	0.0466	0.8364	0.8361	0.8886	0.8993	0.9349	0.9950	0.9933
48.3	0.3010	0.8873	0.7234	0.8617	0.8631	0.9234	0.9932	0.9923
48.4	0.3893	0.9597	0.8089	0.8813	0.9131	0.9507	0.9939	0.9941
48.5	0.4763	0.9559	0.7785	0.8648	0.9229	0.9475	0.9944	0.9933
48.6	0.2981	0.9318	0.7288	0.8237	0.9223	0.9381	0.9952	0.9953
48.7	0.5032	0.9042	0.6046	0.8103	0.9389	0.9538	0.9951	0.9951
48.8	0.3893	0.9261	0.7109	0.7908	0.9096	0.9443	0.9949	0.9943
48.9	0.4758	0.9179	0.5666	0.7569	0.9221	0.9585	0.9956	0.9948
49.0	0.4910	0.9345	0.6003	0.7529	0.9304	0.9592	0.9953	0.9949
49.1	0.4612	0.9354	0.7154	0.8359	0.9294	0.9475	0.9964	0.9952
49.2	0.3314	0.9049	0.5437	0.7767	0.9312	0.9515	0.9961	0.9944
49.3	0.2074	0.8983	0.6026	0.7578	0.8942	0.9259	0.9939	0.9927
49.4	0.2356	0.8860	0.5884	0.7204	0.9371	0.9510	0.9956	0.9949
49.5	0.2026	0.8722	0.5498	0.7440	0.9464	0.9564	0.9970	0.9956
49.6	0.1892	0.8964	0.5956	0.7541	0.9300	0.9542	0.9957	0.9943
49.7	0.3299	0.9124	0.6782	0.7839	0.9336	0.9649	0.9950	0.9945
49.8	0.0708	0.8497	0.5436	0.6862	0.9280	0.9521	0.9941	0.9925
49.9	0.0170	0.4525	0.1931	0.2923	0.8907	0.9263	0.9913	0.9907
50.0	0.0144	0.4352	0.2027	0.2852	0.9361	0.9494	0.9950	0.9943
50.1	0.0356	0.8684	0.4520	0.6486	0.9295	0.9466	0.9956	0.9936
50.2	0.0998	0.8102	0.4672	0.6240	0.8485	0.9052	0.9933	0.9894
50.3	0.1013	0.7095	0.4345	0.5506	0.4925	0.6307	0.9953	0.9749
50.4	0.1376	0.9263	0.7284	0.8081	0.8624	0.9244	0.9952	0.9920
50.5	0.1252	0.9622	0.5899	0.7175	0.9056	0.9618	0.9957	0.9932
50.6	0.1681	0.9259	0.2826	0.3900	0.8089	0.9333	0.9959	0.9902
50.7	0.2117	0.9186	0.6102	0.7251	0.9117	0.9626	0.9944	0.9916
50.8	0.1883	0.9057	0.4813	0.6182	0.9443	0.9722	0.9952	0.9930
50.9	0.3031	0.9485	0.6673	0.7673	0.9494	0.9772	0.9965	0.9953

51.0	0.4700	0.9358	0.6505	0.7252	0.9188	0.9744	0.9941	0.9932
51.1	0.4182	0.9576	0.5685	0.6959	0.9225	0.9724	0.9939	0.9918
51.2	0.5945	0.9615	0.7037	0.7840	0.9341	0.9751	0.9937	0.9902
51.3	0.7270	0.9829	0.9210	0.9231	0.9516	0.9850	0.9957	0.9930
51.4	0.5421	0.9750	0.8975	0.9095	0.9566	0.9845	0.9967	0.9951
51.5	0.1549	0.8714	0.8482	0.8943	0.8136	0.9493	0.9961	0.9907
51.6	0.4644	0.9304	0.9001	0.9235	0.8997	0.9709	0.9951	0.9902
51.7	0.7757	0.9752	0.9342	0.9556	0.9561	0.9848	0.9956	0.9935
51.8	0.8175	0.9821	0.9457	0.9522	0.9620	0.9877	0.9961	0.9947
51.9	0.8400	0.9813	0.9476	0.9376	0.9628	0.9878	0.9961	0.9950
52.0	0.8263	0.9856	0.9427	0.9397	0.9659	0.9920	0.9968	0.9947
52.1	0.7899	0.9895	0.9378	0.9376	0.9767	0.9928	0.9963	0.9951
52.2	0.7999	0.9804	0.9383	0.9396	0.9721	0.9893	0.9947	0.9933
52.3	0.7276	0.9846	0.9254	0.9326	0.9806	0.9922	0.9963	0.9933
52.4	0.9251	0.9892	0.9623	0.9658	0.9837	0.9942	0.9970	0.9957
52.5	0.8641	0.9782	0.9436	0.9381	0.9782	0.9906	0.9954	0.9930
52.6	0.8857	0.9827	0.9534	0.9543	0.9808	0.9921	0.9960	0.9930
52.7	0.9386	0.9811	0.9528	0.9593	0.9857	0.9924	0.9952	0.9922
52.8	0.9564	0.9777	0.9684	0.9503	0.9844	0.9926	0.9953	0.9929
52.9	0.9279	0.9759	0.9539	0.9537	0.9793	0.9903	0.9955	0.9907
53.0	0.9379	0.9700	0.9534	0.9299	0.9723	0.9908	0.9954	0.9880
53.1	0.9682	0.9809	0.9738	0.9541	0.9783	0.9930	0.9950	0.9917
53.2	0.9805	0.9839	0.9767	0.9758	0.9910	0.9953	0.9962	0.9931
53.3	0.9753	0.9782	0.9673	0.9609	0.9865	0.9947	0.9960	0.9932
53.4	0.9746	0.9710	0.9594	0.9547	0.9838	0.9939	0.9955	0.9915
53.5	0.9726	0.9654	0.9597	0.9478	0.9843	0.9939	0.9955	0.9904
53.6	0.9781	0.9611	0.9469	0.9324	0.9841	0.9945	0.9957	0.9921
53.7	0.9744	0.9591	0.9672	0.9382	0.9912	0.9939	0.9960	0.9939
53.8	0.9714	0.9246	0.9508	0.9241	0.9890	0.9948	0.9965	0.9944
53.9	0.9606	0.8916	0.9327	0.8639	0.9891	0.9960	0.9966	0.9938
54.0	0.9189	0.8782	0.8645	0.4951	0.9897	0.9967	0.9963	0.9934
54.1	0.8383	0.9224	0.8401	0.2959	0.9887	0.9955	0.9947	0.9907
54.2	0.9225	0.9184	0.9309	0.7783	0.9862	0.9938	0.9926	0.9896
54.3	0.9620	0.9508	0.9516	0.8884	0.9873	0.9956	0.9944	0.9894
54.4	0.9579	0.9299	0.9434	0.8588	0.9851	0.9948	0.9939	0.9848
54.5	0.9591	0.9088	0.9394	0.8388	0.9856	0.9952	0.9948	0.9864
54.6	0.9497	0.8631	0.9292	0.8248	0.9839	0.9941	0.9932	0.9858
54.7	0.9322	0.8076	0.9117	0.7273	0.9867	0.9961	0.9943	0.9882
54.8	0.9490	0.9125	0.9302	0.7656	0.9869	0.9955	0.9934	0.9874
54.9	0.9580	0.8887	0.9293	0.8614	0.9839	0.9933	0.9913	0.9789
55.0	0.9547	0.8356	0.9335	0.8650	0.9904	0.9952	0.9929	0.9841
55.1	0.9547	0.7841	0.9295	0.8164	0.9905	0.9961	0.9947	0.9849
55.2	0.9161	0.7516	0.8797	0.6752	0.9900	0.9954	0.9934	0.9822
55.3	0.9008	0.6043	0.8874	0.6506	0.9875	0.9949	0.9921	0.9817
55.4	0.8674	0.6216	0.8189	0.4062	0.9857	0.9934	0.9922	0.9773
55.5	0.8903	0.6241	0.8372	0.3341	0.9908	0.9944	0.9933	0.9827
55.6	0.9213	0.7189	0.9118	0.5091	0.9907	0.9955	0.9931	0.9765
55.7	0.9115	0.5554	0.8881	0.6325	0.9895	0.9948	0.9929	0.9693
55.8	0.9141	0.4804	0.8997	0.5696	0.9897	0.9935	0.9928	0.9702
55.9	0.8717	0.2184	0.8213	0.4454	0.9887	0.9929	0.9924	0.9692
56.0	0.8388	0.2465	0.7908	0.2993	0.9884	0.9925	0.9909	0.9692
56.1	0.8982	0.4085	0.8720	0.3121	0.9828	0.9911	0.9903	0.9697
56.2	0.8800	0.0438	0.8419	0.4806	0.9845	0.9932	0.9917	0.9668
56.3	0.8635	0.0308	0.8464	0.5004	0.9851	0.9941	0.9912	0.9688
56.4	0.8748	0.0128	0.8323	0.5344	0.9864	0.9936	0.9915	0.9662
56.5	0.8910	0.0830	0.8751	0.6030	0.9913	0.9954	0.9933	0.9682
56.6	0.9141	0.1128	0.8541	0.6395	0.9908	0.9944	0.9926	0.9776
56.7	0.8956	0.3218	0.8348	0.5548	0.9901	0.9956	0.9922	0.9808
56.8	0.8404	0.3689	0.7802	0.4391	0.9910	0.9965	0.9938	0.9715
56.9	0.8679	0.4534	0.7946	0.3926	0.9914	0.9957	0.9939	0.9730
57.0	0.8805	0.6679	0.7639	0.4838	0.9894	0.9948	0.9927	0.9792
57.1	0.8280	0.6763	0.6580	0.3670	0.9843	0.9919	0.9911	0.9732
57.2	0.8203	0.7163	0.6968	0.3828	0.9876	0.9930	0.9913	0.9695
57.3	0.8864	0.4120	0.8314	0.0573	0.9875	0.9917	0.9883	0.9612
57.4	0.7939	0.5690	0.6578	0.3614	0.9867	0.9934	0.9905	0.9698
57.5	0.8091	0.6502	0.6447	0.3010	0.9885	0.9949	0.9916	0.9742
57.6	0.7882	0.5781	0.6459	0.1253	0.9882	0.9946	0.9891	0.9752
57.7	0.7870	0.5333	0.6536	0.2432	0.9836	0.9938	0.9892	0.9758
57.8	0.8543	0.6171	0.7505	0.1400	0.9875	0.9947	0.9934	0.9798
57.9	0.8849	0.5915	0.7831	0.1275	0.9854	0.9941	0.9905	0.9812
58.0	0.8830	0.5398	0.7029	0.1287	0.9879	0.9931	0.9897	0.9816
58.1	0.8967	0.6301	0.8018	0.2347	0.9893	0.9942	0.9910	0.9796
58.2	0.8897	0.4800	0.7653	0.1514	0.9869	0.9931	0.9887	0.9760
58.3	0.8911	0.5518	0.7358	0.2054	0.9811	0.9915	0.9883	0.9721
58.4	0.9310	0.6906	0.8353	0.4280	0.9887	0.9947	0.9921	0.9839
58.5	0.9391	0.5683	0.8499	0.2015	0.9917	0.9938	0.9917	0.9845
58.6	0.9135	0.4966	0.7901	0.1330	0.9874	0.9926	0.9869	0.9789
58.7	0.9199	0.4211	0.8317	0.3613	0.9871	0.9930	0.9912	0.9798
58.8	0.9150	0.5006	0.7944	0.5081	0.9861	0.9922	0.9909	0.9737
58.9	0.9387	0.6277	0.8737	0.5256	0.9898	0.9942	0.9905	0.9831
59.0	0.9298	0.4872	0.8368	0.6825	0.9841	0.9927	0.9898	0.9754
59.1	0.9409	0.4463	0.8854	0.5426	0.9901	0.9946	0.9922	0.9831
59.2	0.9561	0.4087	0.8812	0.6628	0.9898	0.9960	0.9916	0.9888
59.3	0.9590	0.2238	0.8616	0.7017	0.9878	0.9938	0.9903	0.9843
59.4	0.9420	0.1716	0.8679	0.6995	0.9870	0.9915	0.9917	0.9786
59.5	0.9581	0.0436	0.8817	0.7127	0.9867	0.9927	0.9898	0.9786

59.6	0.9629	0.0425	0.9164	0.7812	0.9890	0.9923	0.9925	0.9805
59.7	0.9426	0.1020	0.8920	0.6772	0.9790	0.9872	0.9915	0.9707
59.8	0.9608	0.1050	0.8783	0.6587	0.9780	0.9834	0.9910	0.9673
59.9	0.9475	0.0872	0.8339	0.5448	0.9373	0.9475	0.9904	0.9421
60.0	0.4880	0.0535	0.2182	0.1233	0.0141	0.2949	0.8221	0.2558
60.1	0.9548	0.0878	0.8755	0.6282	0.9466	0.9559	0.9913	0.9453
60.2	0.9631	0.4573	0.8953	0.6159	0.9837	0.9859	0.9904	0.9726
60.3	0.9706	0.4330	0.9183	0.7095	0.9845	0.9895	0.9920	0.9768
60.4	0.9787	0.5239	0.9278	0.8500	0.9868	0.9915	0.9901	0.9821
60.5	0.9768	0.4502	0.9415	0.7882	0.9903	0.9905	0.9905	0.9811
60.6	0.9762	0.2978	0.9340	0.8511	0.9877	0.9912	0.9901	0.9832
60.7	0.9760	0.1970	0.9360	0.8185	0.9896	0.9929	0.9911	0.9812
60.8	0.9712	0.2521	0.9391	0.8765	0.9901	0.9930	0.9902	0.9812
60.9	0.9758	0.5620	0.9394	0.8888	0.9883	0.9931	0.9892	0.9812
61.0	0.9763	0.7205	0.9534	0.8601	0.9913	0.9939	0.9903	0.9841
61.1	0.9802	0.7568	0.9628	0.8572	0.9892	0.9935	0.9883	0.9837
61.2	0.9857	0.8351	0.9610	0.8683	0.9908	0.9961	0.9909	0.9855
61.3	0.9783	0.8377	0.9475	0.8692	0.9888	0.9937	0.9895	0.9811
61.4	0.9665	0.7696	0.9167	0.7921	0.9862	0.9924	0.9833	0.9747
61.5	0.9817	0.8505	0.9497	0.8684	0.9920	0.9957	0.9894	0.9844
61.6	0.9847	0.8532	0.9545	0.8631	0.9930	0.9949	0.9933	0.9868
61.7	0.9750	0.8000	0.9352	0.8449	0.9897	0.9934	0.9930	0.9815
61.8	0.9702	0.7849	0.9123	0.7981	0.9864	0.9906	0.9875	0.9762
61.9	0.9722	0.7836	0.9309	0.8279	0.9855	0.9901	0.9868	0.9796
62.0	0.9776	0.7935	0.9227	0.8548	0.9896	0.9926	0.9906	0.9821
62.1	0.9819	0.8208	0.9488	0.8825	0.9892	0.9917	0.9911	0.9843
62.2	0.9836	0.8312	0.9566	0.8652	0.9912	0.9926	0.9896	0.9853
62.3	0.9770	0.7961	0.9619	0.8907	0.9890	0.9915	0.9893	0.9808
62.4	0.9776	0.8312	0.9532	0.8682	0.9900	0.9911	0.9908	0.9829
62.5	0.9777	0.8133	0.9578	0.8867	0.9878	0.9897	0.9899	0.9789
62.6	0.9814	0.8203	0.9589	0.8975	0.9912	0.9934	0.9913	0.9824
62.7	0.9862	0.8427	0.9543	0.9085	0.9898	0.9933	0.9910	0.9842
62.8	0.9775	0.8609	0.9589	0.9169	0.9891	0.9904	0.9916	0.9799
62.9	0.9745	0.8388	0.9528	0.8868	0.9871	0.9906	0.9894	0.9788
63.0	0.9765	0.8632	0.9528	0.8997	0.9831	0.9894	0.9866	0.9780
63.1	0.9774	0.8949	0.9608	0.9148	0.9871	0.9892	0.9880	0.9777
63.2	0.9771	0.9000	0.9469	0.9005	0.9889	0.9914	0.9857	0.9787
63.3	0.9784	0.8894	0.9480	0.9016	0.9854	0.9918	0.9893	0.9789
63.4	0.9808	0.9174	0.9721	0.9350	0.9853	0.9894	0.9889	0.9710
63.5	0.9790	0.9024	0.9558	0.8924	0.9867	0.9879	0.9865	0.9717
63.6	0.9782	0.9190	0.9671	0.9245	0.9873	0.9887	0.9870	0.9769
63.7	0.9759	0.9268	0.9611	0.9229	0.9875	0.9880	0.9880	0.9744
63.8	0.9768	0.9280	0.9647	0.9204	0.9891	0.9905	0.9877	0.9804
63.9	0.9678	0.9502	0.9481	0.9284	0.9866	0.9904	0.9861	0.9784
64.0	0.9676	0.9490	0.9624	0.9253	0.9884	0.9909	0.9867	0.9762
64.1	0.9700	0.9634	0.9540	0.9288	0.9860	0.9903	0.9850	0.9766
64.2	0.9683	0.9704	0.9459	0.9409	0.9866	0.9905	0.9814	0.9804
64.3	0.9727	0.9744	0.9673	0.9407	0.9872	0.9902	0.9864	0.9780
64.4	0.9646	0.9741	0.9566	0.9182	0.9849	0.9872	0.9845	0.9756
64.5	0.9620	0.9701	0.9541	0.9331	0.9870	0.9904	0.9833	0.9805
64.6	0.9613	0.9740	0.9502	0.9411	0.9874	0.9911	0.9835	0.9798
64.7	0.9544	0.9746	0.9447	0.9328	0.9831	0.9887	0.9840	0.9758
64.8	0.9469	0.9730	0.9588	0.9406	0.9876	0.9911	0.9836	0.9790
64.9	0.9547	0.9783	0.9559	0.9504	0.9849	0.9905	0.9857	0.9800
65.0	0.9351	0.9807	0.9519	0.9538	0.9861	0.9919	0.9870	0.9818
65.1	0.9095	0.9778	0.9460	0.9351	0.9889	0.9920	0.9866	0.9829
65.2	0.8727	0.9666	0.9205	0.9213	0.9806	0.9874	0.9786	0.9727
65.3	0.8145	0.9686	0.9262	0.9235	0.9828	0.9902	0.9779	0.9759
65.4	0.8447	0.9713	0.9258	0.9395	0.9830	0.9893	0.9740	0.9774
65.5	0.8165	0.9724	0.9282	0.9414	0.9848	0.9903	0.9744	0.9798
65.6	0.7039	0.9751	0.9282	0.9422	0.9887	0.9920	0.9768	0.9853
65.7	0.6372	0.9753	0.9316	0.9462	0.9870	0.9923	0.9749	0.9845
65.8	0.5970	0.9703	0.8951	0.9454	0.9829	0.9915	0.9697	0.9800
65.9	0.5791	0.9680	0.8891	0.9409	0.9798	0.9891	0.9690	0.9778
66.0	0.5795	0.9708	0.8891	0.9342	0.9843	0.9905	0.9632	0.9843
66.1	0.7440	0.9700	0.8846	0.9402	0.9882	0.9916	0.9738	0.9834
66.2	0.8005	0.9708	0.8668	0.9425	0.9875	0.9921	0.9731	0.9841
66.3	0.7263	0.9658	0.8033	0.9170	0.9840	0.9906	0.9601	0.9812
66.4	0.7020	0.9462	0.7572	0.8922	0.9802	0.9875	0.9461	0.9741
66.5	0.7234	0.9544	0.7943	0.9155	0.9833	0.9900	0.9536	0.9772
66.6	0.7470	0.9585	0.7366	0.9255	0.9800	0.9888	0.9517	0.9802
66.7	0.7310	0.9585	0.8084	0.9379	0.9827	0.9895	0.9502	0.9818
66.8	0.6504	0.9614	0.7958	0.9294	0.9863	0.9923	0.9636	0.9828
66.9	0.4577	0.9485	0.7842	0.9106	0.9838	0.9880	0.9537	0.9773
67.0	0.4377	0.9338	0.7554	0.8884	0.9754	0.9828	0.9295	0.9688
67.1	0.4033	0.9508	0.8108	0.9242	0.9858	0.9914	0.9473	0.9797
67.2	0.3770	0.9433	0.8124	0.8991	0.9837	0.9903	0.9479	0.9794
67.3	0.3739	0.9381	0.8255	0.9098	0.9778	0.9893	0.9396	0.9757
67.4	0.5380	0.9480	0.8057	0.9309	0.9813	0.9906	0.9472	0.9816
67.5	0.6391	0.9573	0.8335	0.9396	0.9835	0.9903	0.9513	0.9829
67.6	0.6875	0.9428	0.8231	0.9305	0.9819	0.9911	0.9454	0.9811
67.7	0.7906	0.9397	0.8639	0.9403	0.9819	0.9899	0.9478	0.9798
67.8	0.8204	0.9430	0.8642	0.9374	0.9824	0.9895	0.9509	0.9775
67.9	0.8904	0.9499	0.8790	0.9470	0.9827	0.9887	0.9616	0.9800
68.0	0.8984	0.9346	0.8772	0.9435	0.9810	0.9884	0.9708	0.9778
68.1	0.9176	0.9448	0.9130	0.9483	0.9823	0.9900	0.9710	0.9779

68.2	0.9102	0.9411	0.9090	0.9547	0.9857	0.9923	0.9629	0.9792
68.3	0.8998	0.9266	0.8944	0.9363	0.9844	0.9918	0.9634	0.9766
68.4	0.9374	0.9466	0.9212	0.9524	0.9856	0.9920	0.9760	0.9794
68.5	0.9295	0.8989	0.8981	0.9438	0.9796	0.9885	0.9547	0.9745
68.6	0.9449	0.9007	0.9020	0.9425	0.9784	0.9886	0.9588	0.9725
68.7	0.9585	0.9191	0.9336	0.9508	0.9831	0.9907	0.9743	0.9804
68.8	0.9525	0.9069	0.9138	0.9574	0.9829	0.9916	0.9651	0.9770
68.9	0.9532	0.9102	0.9313	0.9518	0.9778	0.9910	0.9613	0.9751
69.0	0.9586	0.9176	0.9330	0.9610	0.9770	0.9919	0.9710	0.9769
69.1	0.9539	0.9137	0.9207	0.9581	0.9775	0.9887	0.9662	0.9710
69.2	0.9636	0.9155	0.9443	0.9579	0.9795	0.9899	0.9728	0.9745
69.3	0.9612	0.8934	0.9400	0.9520	0.9689	0.9885	0.9637	0.9717
69.4	0.9577	0.8791	0.9073	0.9378	0.9673	0.9905	0.9603	0.9704
69.5	0.9661	0.9090	0.9509	0.9583	0.9785	0.9923	0.9769	0.9771
69.6	0.9670	0.9151	0.9457	0.9636	0.9723	0.9915	0.9738	0.9682
69.7	0.9637	0.9028	0.9349	0.9503	0.9652	0.9895	0.9707	0.9623
69.8	0.9662	0.8958	0.9413	0.9618	0.9668	0.9917	0.9644	0.9675
69.9	0.9602	0.8628	0.9248	0.9424	0.9601	0.9919	0.9514	0.9579
70.0	0.9616	0.8861	0.9253	0.9568	0.9672	0.9916	0.9563	0.9545
70.1	0.9674	0.9226	0.9527	0.9619	0.9755	0.9923	0.9689	0.9596
70.2	0.9656	0.9094	0.9490	0.9577	0.9742	0.9910	0.9670	0.9592
70.3	0.9591	0.8790	0.9274	0.9344	0.9709	0.9898	0.9632	0.9416
70.4	0.9579	0.8812	0.9268	0.9419	0.9658	0.9904	0.9565	0.9377
70.5	0.9732	0.8983	0.9505	0.9539	0.9666	0.9897	0.9658	0.9537
70.6	0.9694	0.8756	0.9337	0.9508	0.9597	0.9878	0.9590	0.9345
70.7	0.9725	0.8934	0.9449	0.9438	0.9546	0.9876	0.9621	0.9342
70.8	0.9778	0.9265	0.9537	0.9607	0.9705	0.9930	0.9729	0.9552
70.9	0.9653	0.9010	0.9392	0.9445	0.9657	0.9921	0.9636	0.9288
71.0	0.9684	0.8966	0.9316	0.9378	0.9607	0.9913	0.9578	0.9140
71.1	0.9588	0.8589	0.9242	0.9288	0.9451	0.9899	0.9482	0.8992
71.2	0.9772	0.9026	0.9286	0.9495	0.9609	0.9926	0.9666	0.9348
71.3	0.9643	0.8694	0.9067	0.9295	0.9649	0.9922	0.9527	0.9006
71.4	0.9487	0.8344	0.9124	0.9037	0.9426	0.9908	0.9357	0.8511
71.5	0.9599	0.8479	0.9038	0.9234	0.9444	0.9896	0.9435	0.8791
71.6	0.9680	0.8883	0.9193	0.9335	0.9593	0.9918	0.9597	0.9005
71.7	0.9760	0.9074	0.9392	0.9341	0.9628	0.9927	0.9635	0.9088
71.8	0.9748	0.8871	0.9240	0.9085	0.9593	0.9922	0.9605	0.8923
71.9	0.9642	0.8481	0.9159	0.9113	0.9433	0.9893	0.9527	0.8400
72.0	0.9668	0.8704	0.9042	0.9281	0.9434	0.9878	0.9542	0.8805
72.1	0.9695	0.8711	0.9186	0.9293	0.9448	0.9855	0.9573	0.8468
72.2	0.9662	0.8825	0.9252	0.9168	0.9514	0.9888	0.9615	0.8287
72.3	0.9721	0.8754	0.9103	0.9095	0.9590	0.9910	0.9601	0.8424
72.4	0.9663	0.8514	0.8999	0.8978	0.9525	0.9911	0.9524	0.8083
72.5	0.9687	0.8704	0.9145	0.9048	0.9431	0.9890	0.9584	0.8077
72.6	0.9664	0.8727	0.9097	0.9073	0.9533	0.9888	0.9580	0.7886
72.7	0.9627	0.8722	0.8849	0.8749	0.9487	0.9897	0.9560	0.8073
72.8	0.9604	0.8662	0.8968	0.8914	0.9459	0.9883	0.9586	0.7844
72.9	0.9691	0.8774	0.9139	0.9176	0.9463	0.9896	0.9678	0.8019
73.0	0.9624	0.8493	0.8948	0.8627	0.9372	0.9911	0.9575	0.7808
73.1	0.9679	0.8587	0.8715	0.9240	0.9461	0.9914	0.9619	0.8192
73.2	0.9563	0.8247	0.8419	0.8479	0.9306	0.9919	0.9476	0.7404
73.3	0.9450	0.7916	0.8577	0.8688	0.9209	0.9893	0.9416	0.6783
73.4	0.9564	0.8244	0.8987	0.8503	0.9301	0.9892	0.9514	0.7254
73.5	0.9718	0.8635	0.9022	0.9318	0.9382	0.9901	0.9705	0.8198
73.6	0.9619	0.8579	0.8835	0.9040	0.9343	0.9890	0.9635	0.7550
73.7	0.9534	0.8355	0.8528	0.8575	0.9387	0.9905	0.9477	0.7225
73.8	0.9699	0.8797	0.8765	0.9066	0.9481	0.9903	0.9623	0.8237
73.9	0.9560	0.8311	0.8570	0.9067	0.9419	0.9860	0.9574	0.7629
74.0	0.9591	0.8569	0.8616	0.9054	0.9414	0.9855	0.9578	0.7567
74.1	0.9652	0.8739	0.8977	0.9308	0.9402	0.9884	0.9677	0.8081
74.2	0.9667	0.8782	0.9254	0.9332	0.9448	0.9889	0.9708	0.8182
74.3	0.9725	0.9117	0.9021	0.9292	0.9516	0.9881	0.9766	0.8726
74.4	0.9587	0.8315	0.8826	0.9022	0.9351	0.9852	0.9650	0.8342
74.5	0.9448	0.7921	0.8684	0.8643	0.8982	0.9856	0.9517	0.7769
74.6	0.9481	0.7983	0.8878	0.8926	0.9033	0.9758	0.9614	0.8092
74.7	0.9711	0.7412	0.9123	0.9278	0.9465	0.9887	0.9748	0.8789
74.8	0.9777	0.7943	0.9380	0.9476	0.9630	0.9920	0.9805	0.9151
74.9	0.9799	0.8200	0.9425	0.9546	0.9643	0.9910	0.9824	0.9094
75.0	0.9716	0.8035	0.9443	0.9475	0.9653	0.9894	0.9794	0.9183
75.1	0.9604	0.5727	0.9163	0.9484	0.9542	0.9874	0.9710	0.8888
75.2	0.9597	0.5903	0.9309	0.9265	0.9517	0.9836	0.9710	0.9061
75.3	0.9701	0.5587	0.9283	0.9573	0.9511	0.9880	0.9794	0.9266
75.4	0.9685	0.5102	0.9263	0.9511	0.9592	0.9895	0.9769	0.9256
75.5	0.9673	0.3121	0.9199	0.9433	0.9528	0.9881	0.9766	0.9191
75.6	0.9538	0.2550	0.9113	0.9242	0.9319	0.9877	0.9669	0.8934
75.7	0.9712	0.3950	0.9410	0.9484	0.9592	0.9896	0.9781	0.9321
75.8	0.9705	0.4718	0.9382	0.9510	0.9618	0.9883	0.9722	0.9354
75.9	0.9627	0.4943	0.9114	0.9378	0.9608	0.9888	0.9674	0.9321
76.0	0.9678	0.5954	0.9416	0.9386	0.9631	0.9858	0.9732	0.9308
76.1	0.9678	0.5968	0.9360	0.9484	0.9711	0.9879	0.9743	0.9325
76.2	0.9648	0.5875	0.9339	0.9305	0.9451	0.9872	0.9695	0.9287
76.3	0.9598	0.5903	0.9246	0.9301	0.9452	0.9839	0.9662	0.9223
76.4	0.9629	0.5539	0.9125	0.9312	0.9539	0.9829	0.9702	0.9276
76.5	0.9678	0.5585	0.9361	0.9469	0.9513	0.9851	0.9682	0.9226
76.6	0.9755	0.6658	0.9441	0.9534	0.9588	0.9864	0.9770	0.9391
76.7	0.9701	0.6287	0.9460	0.9433	0.9592	0.9857	0.9695	0.9502

76.8	0.9734	0.7339	0.9426	0.9561	0.9675	0.9878	0.9746	0.9530
76.9	0.9743	0.7826	0.9471	0.9584	0.9622	0.9878	0.9774	0.9580
77.0	0.9711	0.6472	0.9432	0.9498	0.9537	0.9838	0.9766	0.9434
77.1	0.9703	0.7420	0.9314	0.9572	0.9580	0.9786	0.9744	0.9266
77.2	0.9581	0.6763	0.9046	0.9338	0.9585	0.9793	0.9677	0.9317
77.3	0.9683	0.7161	0.9421	0.9498	0.9613	0.9816	0.9739	0.9452
77.4	0.9819	0.7606	0.9492	0.9599	0.9680	0.9840	0.9829	0.9545
77.5	0.9771	0.7129	0.9323	0.9542	0.9658	0.9791	0.9806	0.9411
77.6	0.9749	0.7381	0.9443	0.9520	0.9553	0.9788	0.9805	0.9388
77.7	0.9739	0.7479	0.9530	0.9596	0.9709	0.9857	0.9801	0.9610
77.8	0.9763	0.7418	0.9497	0.9622	0.9653	0.9794	0.9792	0.9501
77.9	0.9666	0.6943	0.9386	0.9287	0.9605	0.9746	0.9749	0.9251
78.0	0.9723	0.7136	0.9409	0.9503	0.9551	0.9805	0.9794	0.9369
78.1	0.9733	0.7593	0.9467	0.9351	0.9478	0.9787	0.9768	0.9380
78.2	0.9510	0.7157	0.9167	0.9216	0.9349	0.9738	0.9712	0.9177
78.3	0.9696	0.7450	0.9212	0.9475	0.9468	0.9757	0.9790	0.9353
78.4	0.9777	0.8592	0.9637	0.9652	0.9678	0.9873	0.9836	0.9673
78.5	0.9779	0.8397	0.9483	0.9501	0.9636	0.9822	0.9802	0.9601
78.6	0.9720	0.8137	0.9438	0.9468	0.9608	0.9767	0.9801	0.9477
78.7	0.9732	0.8731	0.9478	0.9521	0.9640	0.9817	0.9820	0.9547
78.8	0.9685	0.8908	0.9300	0.9402	0.9615	0.9812	0.9776	0.9591
78.9	0.9682	0.8836	0.9384	0.9378	0.9689	0.9775	0.9796	0.9576
79.0	0.9644	0.8322	0.9296	0.9381	0.9597	0.9781	0.9825	0.9537
79.1	0.9498	0.8459	0.9037	0.9054	0.9468	0.9798	0.9788	0.9568
79.2	0.9602	0.8809	0.9267	0.9202	0.9497	0.9747	0.9817	0.9537
79.3	0.9432	0.8582	0.9197	0.8891	0.9504	0.9641	0.9781	0.9384
79.4	0.9612	0.8453	0.9247	0.9285	0.9522	0.9584	0.9857	0.9526
79.5	0.9768	0.8934	0.9406	0.9494	0.9576	0.9746	0.9892	0.9675
79.6	0.9586	0.8827	0.9168	0.9189	0.9554	0.9638	0.9871	0.9521
79.7	0.9561	0.8808	0.9268	0.9269	0.9541	0.9618	0.9890	0.9528
79.8	0.9575	0.8906	0.9213	0.9148	0.9611	0.9726	0.9904	0.9580
79.9	0.9330	0.8579	0.8695	0.8868	0.9559	0.9586	0.9867	0.9406
80.0	0.9299	0.8765	0.8875	0.8813	0.9529	0.9453	0.9865	0.9477

1.2.3 Run 1 – IP000-200 – NF and AF gauges

In-plane shaking at 0° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9906	0.4908	0.9877	0.9904	0.1659	0.8660	0.5394	0.9803
0.1	0.3469	0.3401	0.1434	0.0558	0.3876	0.3864	0.4914	0.2713
0.2	0.6806	0.6937	0.0409	0.0544	0.6698	0.6999	0.6813	0.6460
0.3	0.8355	0.8116	0.0370	0.1457	0.8379	0.8218	0.8142	0.7669
0.4	0.7289	0.7137	0.0493	0.1305	0.7037	0.7263	0.6621	0.6160
0.5	0.4023	0.4071	0.0069	0.0575	0.4589	0.4129	0.4732	0.3141
0.6	0.1974	0.1502	0.0234	0.0650	0.1656	0.2327	0.1151	0.1081
0.7	0.8653	0.8687	0.3063	0.0778	0.8658	0.8849	0.8199	0.7988
0.8	0.9505	0.9485	0.3950	0.3783	0.9509	0.9424	0.9368	0.9337
0.9	0.9799	0.9764	0.5740	0.5921	0.9795	0.9781	0.9639	0.9743
1.0	0.9814	0.9748	0.3942	0.5053	0.9865	0.9844	0.9664	0.9778
1.1	0.9948	0.9940	0.8366	0.8856	0.9954	0.9956	0.9930	0.9913
1.2	0.9969	0.9970	0.8631	0.8686	0.9970	0.9972	0.9960	0.9941
1.3	0.9965	0.9956	0.6777	0.5851	0.9957	0.9958	0.9918	0.9925
1.4	0.9989	0.9989	0.8670	0.8219	0.9986	0.9986	0.9975	0.9988
1.5	0.9996	0.9995	0.9494	0.9094	0.9994	0.9994	0.9990	0.9991
1.6	0.9996	0.9995	0.9589	0.9319	0.9994	0.9994	0.9990	0.9994
1.7	0.9997	0.9997	0.9689	0.9676	0.9996	0.9996	0.9993	0.9996
1.8	0.9999	0.9999	0.9928	0.9915	0.9999	0.9999	0.9998	0.9999
1.9	0.9999	0.9999	0.9934	0.9927	0.9998	0.9999	0.9998	0.9999
2.0	0.9997	0.9997	0.9876	0.9876	0.9997	0.9997	0.9996	0.9997
2.1	0.9980	0.9981	0.8919	0.8688	0.9977	0.9977	0.9971	0.9980
2.2	0.9830	0.9829	0.3856	0.4122	0.9724	0.9730	0.9683	0.9736
2.3	0.7515	0.7593	0.4996	0.5528	0.7337	0.7326	0.7328	0.7358
2.4	0.9720	0.9801	0.8609	0.8473	0.9456	0.9429	0.9593	0.9533
2.5	0.9987	0.9988	0.9333	0.9442	0.8762	0.8677	0.9623	0.9196
2.6	0.9997	0.9997	0.9763	0.9770	0.9917	0.9927	0.7974	0.9800
2.7	0.9999	0.9999	0.9877	0.9901	0.9990	0.9991	0.9957	0.9981
2.8	0.9999	0.9999	0.9951	0.9951	0.9997	0.9997	0.9991	0.9996
2.9	0.9999	0.9999	0.9945	0.9943	0.9998	0.9998	0.9996	0.9997
3.0	0.9999	1.0000	0.9956	0.9970	0.9999	0.9999	0.9997	0.9998
3.1	1.0000	1.0000	0.9952	0.9966	0.9999	0.9999	0.9998	0.9999
3.2	0.9999	0.9999	0.9967	0.9961	0.9999	0.9999	0.9998	0.9999
3.3	0.9999	0.9999	0.9940	0.9957	0.9999	0.9999	0.9998	0.9998
3.4	0.9999	0.9999	0.9926	0.9928	0.9999	0.9999	0.9998	0.9998
3.5	0.9999	0.9999	0.9892	0.9919	0.9999	0.9998	0.9997	0.9998
3.6	0.9999	0.9999	0.9871	0.9888	0.9998	0.9998	0.9996	0.9997
3.7	0.9998	0.9998	0.9831	0.9850	0.9998	0.9998	0.9996	0.9997
3.8	0.9998	0.9998	0.9773	0.9837	0.9998	0.9998	0.9996	0.9997
3.9	0.9998	0.9998	0.9790	0.9789	0.9998	0.9998	0.9995	0.9997
4.0	0.9998	0.9998	0.9743	0.9796	0.9997	0.9997	0.9993	0.9996
4.1	0.9996	0.9996	0.9685	0.9783	0.9995	0.9995	0.9990	0.9993
4.2	0.9993	0.9993	0.9674	0.9777	0.9992	0.9992	0.9988	0.9990
4.3	0.9993	0.9993	0.9620	0.9811	0.9992	0.9992	0.9987	0.9990
4.4	0.9995	0.9996	0.9506	0.9773	0.9995	0.9995	0.9988	0.9993
4.5	0.9997	0.9997	0.9465	0.9810	0.9997	0.9997	0.9992	0.9994
4.6	0.9998	0.9997	0.9312	0.9752	0.9997	0.9997	0.9989	0.9994
4.7	0.9997	0.9995	0.9072	0.9715	0.9995	0.9994	0.9983	0.9992
4.8	0.9997	0.9996	0.8899	0.9630	0.9996	0.9995	0.9984	0.9990
4.9	0.9995	0.9994	0.8761	0.9501	0.9993	0.9993	0.9976	0.9989
5.0	0.9995	0.9994	0.8132	0.9557	0.9993	0.9992	0.9972	0.9988
5.1	0.9996	0.9994	0.7899	0.9561	0.9995	0.9993	0.9972	0.9987
5.2	0.9995	0.9995	0.7605	0.9665	0.9994	0.9993	0.9974	0.9989
5.3	0.9994	0.9994	0.7436	0.9402	0.9994	0.9993	0.9971	0.9986
5.4	0.9995	0.9995	0.7710	0.9520	0.9995	0.9994	0.9971	0.9986
5.5	0.9993	0.9992	0.6959	0.9709	0.9992	0.9991	0.9970	0.9984
5.6	0.9994	0.9993	0.5749	0.9605	0.9993	0.9992	0.9976	0.9984
5.7	0.9996	0.9997	0.6517	0.9692	0.9996	0.9996	0.9984	0.9989
5.8	0.9997	0.9996	0.5085	0.9703	0.9995	0.9996	0.9982	0.9984
5.9	0.9995	0.9994	0.4920	0.9512	0.9994	0.9994	0.9980	0.9984
6.0	0.9994	0.9994	0.5478	0.9465	0.9994	0.9993	0.9976	0.9978
6.1	0.9993	0.9991	0.5727	0.9241	0.9992	0.9992	0.9972	0.9976
6.2	0.9992	0.9993	0.7401	0.9459	0.9992	0.9993	0.9976	0.9974
6.3	0.9993	0.9992	0.8034	0.9612	0.9992	0.9992	0.9982	0.9974
6.4	0.9994	0.9992	0.8589	0.9668	0.9992	0.9993	0.9981	0.9974
6.5	0.9989	0.9989	0.8878	0.9523	0.9988	0.9988	0.9977	0.9966
6.6	0.9989	0.9990	0.9271	0.9687	0.9989	0.9988	0.9978	0.9968
6.7	0.9991	0.9992	0.9550	0.9714	0.9990	0.9990	0.9980	0.9966
6.8	0.9994	0.9993	0.9800	0.9856	0.9992	0.9993	0.9984	0.9973
6.9	0.9993	0.9994	0.9889	0.9916	0.9994	0.9993	0.9988	0.9980
7.0	0.9993	0.9994	0.9917	0.9896	0.9992	0.9992	0.9984	0.9981
7.1	0.9988	0.9989	0.9938	0.9912	0.9988	0.9989	0.9979	0.9974
7.2	0.9985	0.9991	0.9960	0.9964	0.9986	0.9986	0.9982	0.9966
7.3	0.9987	0.9991	0.9959	0.9936	0.9988	0.9989	0.9984	0.9979
7.4	0.9984	0.9989	0.9966	0.9930	0.9985	0.9986	0.9976	0.9972
7.5	0.9981	0.9985	0.9949	0.9848	0.9981	0.9982	0.9967	0.9967
7.6	0.9983	0.9983	0.9922	0.9814	0.9981	0.9984	0.9965	0.9967
7.7	0.9986	0.9987	0.9925	0.9676	0.9986	0.9987	0.9974	0.9978
7.8	0.9989	0.9990	0.9942	0.9713	0.9988	0.9989	0.9985	0.9980
7.9	0.9987	0.9991	0.9929	0.9626	0.9988	0.9987	0.9980	0.9984

8.0	0.9990	0.9989	0.9936	0.9660	0.9988	0.9988	0.9986	0.9978
8.1	0.9987	0.9988	0.9863	0.9368	0.9985	0.9985	0.9982	0.9969
8.2	0.9990	0.9990	0.9938	0.9668	0.9987	0.9989	0.9988	0.9978
8.3	0.9990	0.9989	0.9929	0.9727	0.9989	0.9990	0.9989	0.9979
8.4	0.9984	0.9985	0.9908	0.9636	0.9983	0.9983	0.9982	0.9971
8.5	0.9984	0.9985	0.9938	0.9751	0.9984	0.9984	0.9986	0.9974
8.6	0.9984	0.9984	0.9927	0.9756	0.9982	0.9982	0.9982	0.9974
8.7	0.9989	0.9989	0.9928	0.9872	0.9989	0.9989	0.9990	0.9980
8.8	0.9990	0.9989	0.9930	0.9880	0.9988	0.9988	0.9987	0.9983
8.9	0.9988	0.9986	0.9908	0.9864	0.9986	0.9986	0.9985	0.9979
9.0	0.9983	0.9982	0.9856	0.9887	0.9980	0.9980	0.9979	0.9970
9.1	0.9977	0.9978	0.9777	0.9829	0.9972	0.9973	0.9967	0.9963
9.2	0.9976	0.9972	0.9876	0.9879	0.9970	0.9972	0.9965	0.9966
9.3	0.9983	0.9982	0.9889	0.9943	0.9978	0.9978	0.9976	0.9970
9.4	0.9984	0.9981	0.9890	0.9943	0.9979	0.9979	0.9975	0.9972
9.5	0.9988	0.9984	0.9831	0.9934	0.9981	0.9983	0.9976	0.9968
9.6	0.9983	0.9975	0.9574	0.9910	0.9965	0.9968	0.9937	0.9939
9.7	0.9987	0.9983	0.9520	0.9948	0.9977	0.9979	0.9946	0.9939
9.8	0.9986	0.9987	0.9112	0.9908	0.9980	0.9981	0.9959	0.9946
9.9	0.9990	0.9989	0.8665	0.9849	0.9985	0.9983	0.9943	0.9960
10.0	0.9988	0.9988	0.7349	0.9777	0.9987	0.9987	0.9951	0.9956
10.1	0.9987	0.9985	0.6773	0.9675	0.9985	0.9984	0.9968	0.9957
10.2	0.9989	0.9989	0.7394	0.9688	0.9988	0.9988	0.9974	0.9967
10.3	0.9985	0.9987	0.7387	0.9568	0.9983	0.9984	0.9978	0.9963
10.4	0.9989	0.9988	0.7471	0.9630	0.9990	0.9988	0.9983	0.9978
10.5	0.9989	0.9990	0.5938	0.9415	0.9989	0.9987	0.9980	0.9977
10.6	0.9978	0.9982	0.4917	0.9234	0.9981	0.9980	0.9977	0.9961
10.7	0.9987	0.9988	0.6704	0.9516	0.9988	0.9986	0.9981	0.9980
10.8	0.9987	0.9985	0.7490	0.9357	0.9985	0.9987	0.9983	0.9973
10.9	0.9976	0.9978	0.7411	0.9184	0.9979	0.9978	0.9978	0.9970
11.0	0.9979	0.9979	0.7417	0.9077	0.9977	0.9979	0.9975	0.9965
11.1	0.9980	0.9982	0.7566	0.9112	0.9982	0.9981	0.9985	0.9969
11.2	0.9979	0.9981	0.7892	0.9125	0.9981	0.9979	0.9984	0.9968
11.3	0.9975	0.9976	0.8917	0.9443	0.9977	0.9975	0.9977	0.9967
11.4	0.9975	0.9976	0.9300	0.9513	0.9976	0.9975	0.9974	0.9965
11.5	0.9969	0.9970	0.9435	0.9595	0.9972	0.9969	0.9968	0.9964
11.6	0.9964	0.9966	0.9416	0.9557	0.9967	0.9967	0.9964	0.9963
11.7	0.9955	0.9959	0.9389	0.9553	0.9960	0.9960	0.9962	0.9948
11.8	0.9962	0.9961	0.9461	0.9516	0.9964	0.9964	0.9966	0.9956
11.9	0.9946	0.9946	0.9399	0.9440	0.9950	0.9951	0.9951	0.9949
12.0	0.9934	0.9935	0.9172	0.9251	0.9940	0.9939	0.9943	0.9939
12.1	0.9936	0.9938	0.9258	0.9296	0.9940	0.9943	0.9945	0.9940
12.2	0.9889	0.9892	0.8934	0.8931	0.9900	0.9897	0.9899	0.9897
12.3	0.9873	0.9876	0.8765	0.8754	0.9888	0.9888	0.9897	0.9886
12.4	0.9840	0.9843	0.8864	0.8828	0.9855	0.9855	0.9866	0.9849
12.5	0.9852	0.9850	0.8947	0.8883	0.9863	0.9862	0.9875	0.9857
12.6	0.9843	0.9846	0.9117	0.9094	0.9856	0.9853	0.9863	0.9849
12.7	0.9807	0.9808	0.9042	0.9056	0.9823	0.9823	0.9826	0.9824
12.8	0.9610	0.9609	0.8529	0.8531	0.9633	0.9633	0.9639	0.9640
12.9	0.9232	0.9240	0.7962	0.7963	0.9275	0.9263	0.9304	0.9262
13.0	0.9230	0.9238	0.8704	0.8680	0.9253	0.9246	0.9285	0.9228
13.1	0.9161	0.9166	0.8947	0.8939	0.9169	0.9164	0.9197	0.9137
13.2	0.9350	0.9353	0.9381	0.9376	0.9345	0.9332	0.9368	0.9298
13.3	0.9476	0.9483	0.9632	0.9626	0.9464	0.9455	0.9487	0.9417
13.4	0.9540	0.9546	0.9757	0.9756	0.9522	0.9506	0.9536	0.9471
13.5	0.9612	0.9621	0.9813	0.9813	0.9596	0.9576	0.9604	0.9552
13.6	0.9591	0.9607	0.9821	0.9821	0.9572	0.9546	0.9566	0.9543
13.7	0.9623	0.9642	0.9803	0.9804	0.9607	0.9579	0.9579	0.9599
13.8	0.9726	0.9735	0.9852	0.9856	0.9705	0.9690	0.9680	0.9698
13.9	0.9755	0.9762	0.9819	0.9825	0.9732	0.9715	0.9709	0.9718
14.0	0.9784	0.9794	0.9866	0.9872	0.9754	0.9748	0.9748	0.9726
14.1	0.9820	0.9823	0.9902	0.9909	0.9779	0.9772	0.9770	0.9745
14.2	0.9793	0.9793	0.9923	0.9929	0.9733	0.9725	0.9731	0.9671
14.3	0.9624	0.9631	0.9915	0.9923	0.9483	0.9468	0.9487	0.9337
14.4	0.9394	0.9399	0.9892	0.9901	0.9129	0.9124	0.9173	0.8869
14.5	0.9348	0.9349	0.9914	0.9921	0.8960	0.8986	0.9036	0.8477
14.6	0.8867	0.8864	0.9878	0.9885	0.8130	0.8168	0.8217	0.7302
14.7	0.8277	0.8213	0.9836	0.9844	0.6805	0.6951	0.7206	0.4953
14.8	0.8142	0.8049	0.9841	0.9862	0.6692	0.6799	0.7217	0.5065
14.9	0.7453	0.7205	0.9824	0.9839	0.5704	0.5902	0.6538	0.4485
15.0	0.6125	0.5590	0.9841	0.9849	0.4996	0.5207	0.5682	0.5105
15.1	0.5042	0.4505	0.9827	0.9839	0.4655	0.4891	0.5728	0.4914
15.2	0.4457	0.3941	0.9822	0.9839	0.5564	0.5740	0.6529	0.6310
15.3	0.2978	0.2949	0.9698	0.9708	0.5934	0.6013	0.6623	0.6676
15.4	0.4245	0.4210	0.9677	0.9691	0.6661	0.6695	0.7209	0.7158
15.5	0.5757	0.5868	0.9706	0.9729	0.7780	0.7774	0.8128	0.8158
15.6	0.6741	0.6836	0.9750	0.9770	0.8289	0.8288	0.8503	0.8568
15.7	0.7609	0.7663	0.9760	0.9774	0.8604	0.8642	0.8796	0.8812
15.8	0.7760	0.7800	0.9639	0.9679	0.8616	0.8599	0.8765	0.8762
15.9	0.7924	0.7962	0.9596	0.9645	0.8648	0.8639	0.8770	0.8793
16.0	0.8267	0.8301	0.9598	0.9629	0.8830	0.8835	0.8924	0.8949
16.1	0.8411	0.8427	0.9551	0.9577	0.8880	0.8863	0.8972	0.8979
16.2	0.8652	0.8672	0.9538	0.9549	0.9000	0.9001	0.9068	0.9050
16.3	0.8717	0.8731	0.9548	0.9570	0.9027	0.9034	0.9089	0.9105
16.4	0.8988	0.9007	0.9583	0.9604	0.9193	0.9192	0.9247	0.9237
16.5	0.9189	0.9196	0.9578	0.9604	0.9337	0.9324	0.9374	0.9362

16.6	0.8853	0.8853	0.9409	0.9457	0.9038	0.9031	0.9084	0.9077
16.7	0.9129	0.9132	0.9487	0.9522	0.9248	0.9244	0.9285	0.9279
16.8	0.8820	0.8836	0.9221	0.9260	0.8968	0.8960	0.8994	0.8998
16.9	0.7988	0.7991	0.8566	0.8650	0.8198	0.8199	0.8265	0.8240
17.0	0.8132	0.8148	0.8546	0.8589	0.8280	0.8288	0.8334	0.8299
17.1	0.8025	0.8032	0.8265	0.8312	0.8136	0.8129	0.8161	0.8150
17.2	0.7749	0.7751	0.7931	0.7981	0.7823	0.7817	0.7849	0.7815
17.3	0.8247	0.8252	0.8236	0.8280	0.8279	0.8270	0.8285	0.8266
17.4	0.8302	0.8290	0.8254	0.8268	0.8289	0.8291	0.8304	0.8263
17.5	0.8473	0.8465	0.8360	0.8403	0.8441	0.8449	0.8445	0.8425
17.6	0.9057	0.9053	0.8920	0.8959	0.9024	0.9025	0.9020	0.9007
17.7	0.9280	0.9275	0.9119	0.9134	0.9235	0.9243	0.9233	0.9217
17.8	0.9270	0.9268	0.9066	0.9072	0.9219	0.9221	0.9205	0.9200
17.9	0.9406	0.9402	0.9174	0.9211	0.9347	0.9347	0.9333	0.9323
18.0	0.9485	0.9483	0.9321	0.9333	0.9430	0.9432	0.9413	0.9406
18.1	0.9604	0.9599	0.9425	0.9436	0.9554	0.9554	0.9543	0.9534
18.2	0.9686	0.9683	0.9502	0.9513	0.9641	0.9638	0.9625	0.9622
18.3	0.9702	0.9699	0.9515	0.9527	0.9649	0.9654	0.9641	0.9631
18.4	0.9787	0.9786	0.9653	0.9643	0.9748	0.9751	0.9738	0.9729
18.5	0.9802	0.9800	0.9671	0.9659	0.9761	0.9763	0.9748	0.9743
18.6	0.9786	0.9786	0.9612	0.9609	0.9738	0.9738	0.9718	0.9723
18.7	0.9733	0.9731	0.9519	0.9495	0.9664	0.9665	0.9655	0.9637
18.8	0.9766	0.9761	0.9537	0.9535	0.9698	0.9700	0.9676	0.9671
18.9	0.9736	0.9731	0.9523	0.9507	0.9663	0.9659	0.9630	0.9632
19.0	0.9795	0.9791	0.9625	0.9622	0.9727	0.9736	0.9705	0.9704
19.1	0.9779	0.9776	0.9580	0.9574	0.9701	0.9707	0.9671	0.9659
19.2	0.9840	0.9839	0.9706	0.9689	0.9782	0.9785	0.9760	0.9761
19.3	0.9844	0.9848	0.9667	0.9658	0.9783	0.9782	0.9759	0.9757
19.4	0.9815	0.9814	0.9608	0.9602	0.9739	0.9733	0.9703	0.9704
19.5	0.9823	0.9824	0.9622	0.9628	0.9743	0.9752	0.9719	0.9709
19.6	0.9811	0.9811	0.9555	0.9598	0.9717	0.9719	0.9687	0.9682
19.7	0.9802	0.9804	0.9611	0.9617	0.9704	0.9714	0.9666	0.9676
19.8	0.9835	0.9836	0.9647	0.9667	0.9759	0.9748	0.9724	0.9725
19.9	0.9827	0.9832	0.9563	0.9641	0.9720	0.9722	0.9681	0.9671
20.0	0.9803	0.9793	0.9433	0.9605	0.9668	0.9661	0.9597	0.9606
20.1	0.9825	0.9815	0.9584	0.9679	0.9682	0.9697	0.9635	0.9636
20.2	0.9857	0.9853	0.9672	0.9717	0.9727	0.9732	0.9673	0.9685
20.3	0.9806	0.9801	0.9511	0.9641	0.9651	0.9659	0.9597	0.9564
20.4	0.9822	0.9819	0.9452	0.9633	0.9681	0.9670	0.9614	0.9608
20.5	0.9783	0.9775	0.9460	0.9549	0.9586	0.9590	0.9464	0.9526
20.6	0.9826	0.9825	0.9465	0.9653	0.9665	0.9664	0.9550	0.9611
20.7	0.9889	0.9872	0.9602	0.9740	0.9767	0.9765	0.9696	0.9714
20.8	0.9863	0.9854	0.9605	0.9682	0.9715	0.9722	0.9601	0.9666
20.9	0.9813	0.9821	0.9499	0.9601	0.9613	0.9611	0.9450	0.9491
21.0	0.9741	0.9727	0.9277	0.9434	0.9414	0.9438	0.9237	0.9247
21.1	0.9764	0.9765	0.9354	0.9496	0.9413	0.9415	0.9152	0.9257
21.2	0.9756	0.9767	0.9330	0.9497	0.9383	0.9400	0.9111	0.9225
21.3	0.9833	0.9823	0.9408	0.9592	0.9548	0.9598	0.9374	0.9404
21.4	0.9711	0.9696	0.9206	0.9451	0.9283	0.9379	0.8983	0.9076
21.5	0.9729	0.9703	0.9161	0.9404	0.9214	0.9275	0.8935	0.8995
21.6	0.9826	0.9815	0.9483	0.9648	0.9556	0.9617	0.9330	0.9362
21.7	0.9828	0.9822	0.9422	0.9517	0.9461	0.9500	0.9160	0.9231
21.8	0.9749	0.9732	0.9149	0.9414	0.9240	0.9340	0.8928	0.8902
21.9	0.9774	0.9778	0.9180	0.9540	0.9364	0.9387	0.8846	0.8960
22.0	0.9727	0.9704	0.9048	0.9465	0.9113	0.9152	0.8512	0.8620
22.1	0.9621	0.9592	0.9112	0.9220	0.8766	0.8855	0.8102	0.8166
22.2	0.9731	0.9705	0.9067	0.9285	0.9026	0.9098	0.8373	0.8383
22.3	0.9779	0.9754	0.9225	0.9399	0.9157	0.9240	0.8392	0.8736
22.4	0.9727	0.9675	0.9173	0.9416	0.8896	0.9016	0.8139	0.8173
22.5	0.9624	0.9640	0.8889	0.9157	0.8405	0.8430	0.7195	0.7129
22.6	0.9572	0.9578	0.8708	0.9142	0.8112	0.8173	0.6540	0.6424
22.7	0.9626	0.9593	0.8890	0.9402	0.8174	0.8285	0.6485	0.7191
22.8	0.9577	0.9562	0.9006	0.9114	0.8118	0.8169	0.5913	0.6743
22.9	0.9570	0.9550	0.9137	0.9335	0.7743	0.7873	0.5663	0.5606
23.0	0.9429	0.9388	0.8631	0.9097	0.7111	0.7007	0.4192	0.5181
23.1	0.9348	0.9351	0.8395	0.8816	0.6892	0.6941	0.3754	0.4531
23.2	0.9548	0.9550	0.8456	0.9123	0.7436	0.7379	0.3658	0.5325
23.3	0.9477	0.9441	0.8472	0.8963	0.7191	0.7022	0.3109	0.5006
23.4	0.9589	0.9592	0.8808	0.9030	0.7281	0.7432	0.3178	0.5168
23.5	0.9636	0.9622	0.8694	0.8996	0.7014	0.7129	0.1940	0.4360
23.6	0.9683	0.9659	0.8759	0.9265	0.6912	0.6759	0.0959	0.3649
23.7	0.9697	0.9673	0.8902	0.9193	0.6987	0.6560	0.0877	0.4205
23.8	0.9381	0.9474	0.8323	0.8767	0.5680	0.5636	0.0270	0.2804
23.9	0.9423	0.9311	0.8411	0.8691	0.5270	0.5484	0.0225	0.2670
24.0	0.9471	0.9437	0.8494	0.9001	0.4890	0.4431	0.0253	0.1380
24.1	0.9465	0.9446	0.8833	0.8973	0.3645	0.2811	0.2024	0.1656
24.2	0.9448	0.9367	0.8646	0.9053	0.2972	0.2149	0.2567	0.1918
24.3	0.9408	0.9353	0.7924	0.8509	0.2388	0.2234	0.2829	0.1879
24.4	0.9398	0.9316	0.8470	0.8809	0.2026	0.2144	0.3706	0.2313
24.5	0.9523	0.9473	0.8752	0.9078	0.1751	0.1518	0.6759	0.3750
24.6	0.9339	0.9451	0.8570	0.9169	0.0283	0.0585	0.6690	0.2777
24.7	0.9277	0.9161	0.8709	0.8887	0.0903	0.1158	0.6304	0.3453
24.8	0.9169	0.9061	0.8636	0.9022	0.2176	0.2042	0.6797	0.5064
24.9	0.9167	0.9203	0.8171	0.8523	0.3171	0.3315	0.7686	0.6026
25.0	0.9060	0.9060	0.8256	0.8477	0.3059	0.3395	0.7458	0.5557
25.1	0.9004	0.8892	0.8440	0.8002	0.4420	0.4041	0.7982	0.6045

25.2	0.8905	0.9016	0.8074	0.8104	0.5908	0.6127	0.8709	0.7398
25.3	0.8967	0.8748	0.7946	0.8116	0.5205	0.5525	0.8237	0.6020
25.4	0.8542	0.8526	0.8124	0.8083	0.5773	0.6134	0.8473	0.6788
25.5	0.8524	0.8401	0.7600	0.7743	0.6488	0.6319	0.8447	0.7257
25.6	0.8123	0.8063	0.7962	0.7978	0.6721	0.6967	0.8700	0.7321
25.7	0.8141	0.8267	0.8131	0.8132	0.7625	0.7872	0.9052	0.8017
25.8	0.7993	0.8197	0.8265	0.7492	0.8072	0.8046	0.9155	0.8633
25.9	0.8044	0.7929	0.8274	0.7311	0.8255	0.8357	0.9289	0.8761
26.0	0.7241	0.7313	0.7905	0.6819	0.7874	0.7794	0.8831	0.8315
26.1	0.6274	0.6737	0.7406	0.5571	0.8165	0.8141	0.9030	0.8404
26.2	0.6585	0.6048	0.6820	0.5891	0.8373	0.8316	0.9133	0.8573
26.3	0.5860	0.6392	0.7351	0.6013	0.8442	0.8433	0.9166	0.8659
26.4	0.4664	0.5186	0.7546	0.6086	0.8807	0.8834	0.9340	0.9002
26.5	0.4442	0.3927	0.6367	0.4211	0.8264	0.8267	0.8976	0.8379
26.6	0.3396	0.3401	0.6189	0.4364	0.8572	0.8639	0.9168	0.8931
26.7	0.3958	0.4097	0.5926	0.4184	0.8704	0.8670	0.9300	0.8926
26.8	0.2850	0.3143	0.5284	0.2819	0.8584	0.8524	0.9233	0.9054
26.9	0.1222	0.2156	0.6128	0.3679	0.9063	0.8918	0.9412	0.9248
27.0	0.1746	0.2922	0.6639	0.4560	0.9198	0.9245	0.9504	0.9391
27.1	0.0953	0.1495	0.5376	0.4077	0.9091	0.9167	0.9496	0.9383
27.2	0.0894	0.1364	0.3918	0.1964	0.8761	0.8789	0.9285	0.8798
27.3	0.1601	0.0947	0.4139	0.1962	0.9231	0.9173	0.9501	0.9265
27.4	0.2584	0.1540	0.4543	0.3006	0.9310	0.9272	0.9596	0.9220
27.5	0.2242	0.1204	0.5165	0.2937	0.9020	0.9072	0.9383	0.9186
27.6	0.2435	0.1929	0.3381	0.2129	0.8985	0.9070	0.9465	0.9111
27.7	0.2124	0.1150	0.3300	0.1711	0.9193	0.9110	0.9578	0.9019
27.8	0.3783	0.1610	0.2908	0.1031	0.9320	0.9360	0.9667	0.9201
27.9	0.5634	0.3762	0.3354	0.2422	0.9468	0.9483	0.9737	0.9466
28.0	0.5431	0.3495	0.2696	0.0840	0.9417	0.9431	0.9708	0.9382
28.1	0.5829	0.3267	0.2852	0.0654	0.9473	0.9425	0.9720	0.9384
28.2	0.7167	0.5033	0.4274	0.1231	0.9603	0.9502	0.9734	0.9486
28.3	0.8263	0.6330	0.3933	0.1456	0.9654	0.9620	0.9817	0.9614
28.4	0.7391	0.5650	0.5334	0.0644	0.9608	0.9512	0.9738	0.9485
28.5	0.7282	0.5019	0.2091	0.0188	0.9577	0.9482	0.9732	0.9459
28.6	0.8179	0.5941	0.2429	0.0040	0.9578	0.9559	0.9717	0.9512
28.7	0.8841	0.6970	0.3360	0.0030	0.9739	0.9672	0.9829	0.9676
28.8	0.8720	0.7713	0.4452	0.0284	0.9770	0.9710	0.9843	0.9665
28.9	0.9075	0.7722	0.5406	0.0744	0.9765	0.9766	0.9820	0.9726
29.0	0.9175	0.8163	0.4899	0.0564	0.9809	0.9783	0.9865	0.9772
29.1	0.9245	0.8275	0.6349	0.0517	0.9778	0.9750	0.9828	0.9740
29.2	0.9123	0.8305	0.4067	0.0496	0.9740	0.9723	0.9812	0.9687
29.3	0.9284	0.8385	0.3947	0.0227	0.9731	0.9723	0.9814	0.9679
29.4	0.9227	0.8284	0.2792	0.0012	0.9707	0.9664	0.9778	0.9606
29.5	0.9151	0.8118	0.2492	0.0261	0.9721	0.9703	0.9813	0.9645
29.6	0.9263	0.8232	0.1911	0.0444	0.9726	0.9649	0.9782	0.9612
29.7	0.9081	0.8157	0.1875	0.0162	0.9701	0.9627	0.9762	0.9614
29.8	0.9468	0.8397	0.3434	0.0138	0.9756	0.9704	0.9806	0.9635
29.9	0.8795	0.7820	0.1924	0.0498	0.9627	0.9600	0.9741	0.9518
30.0	0.9106	0.7662	0.2035	0.1178	0.9632	0.9598	0.9747	0.9498
30.1	0.9455	0.8233	0.2289	0.1378	0.9726	0.9676	0.9786	0.9583
30.2	0.9522	0.8297	0.1714	0.1494	0.9800	0.9744	0.9852	0.9692
30.3	0.9492	0.8436	0.1539	0.1338	0.9755	0.9734	0.9829	0.9660
30.4	0.9484	0.8461	0.1352	0.0450	0.9705	0.9701	0.9815	0.9629
30.5	0.9509	0.8280	0.0370	0.1012	0.9709	0.9664	0.9794	0.9530
30.6	0.9553	0.8364	0.0865	0.0584	0.9731	0.9661	0.9801	0.9603
30.7	0.9529	0.8317	0.0804	0.0659	0.9705	0.9628	0.9807	0.9547
30.8	0.9390	0.7682	0.0438	0.0527	0.9578	0.9482	0.9730	0.9329
30.9	0.9256	0.7791	0.1019	0.0137	0.9538	0.9451	0.9713	0.9286
31.0	0.9572	0.7950	0.0776	0.0195	0.9672	0.9628	0.9783	0.9464
31.1	0.9580	0.8249	0.0434	0.0446	0.9680	0.9636	0.9797	0.9509
31.2	0.9411	0.8049	0.0521	0.0907	0.9604	0.9599	0.9762	0.9454
31.3	0.9533	0.8141	0.0347	0.0220	0.9646	0.9584	0.9754	0.9376
31.4	0.9460	0.7300	0.0170	0.0171	0.9467	0.9459	0.9690	0.9153
31.5	0.9400	0.7746	0.0961	0.1063	0.9512	0.9524	0.9673	0.9267
31.6	0.9551	0.8342	0.1838	0.2139	0.9650	0.9617	0.9762	0.9495
31.7	0.9565	0.7869	0.0783	0.1627	0.9642	0.9571	0.9705	0.9416
31.8	0.9658	0.8538	0.0825	0.1169	0.9719	0.9691	0.9738	0.9606
31.9	0.9624	0.8520	0.0080	0.0581	0.9718	0.9670	0.9714	0.9585
32.0	0.9562	0.8195	0.0373	0.0971	0.9623	0.9593	0.9594	0.9525
32.1	0.9582	0.8710	0.0818	0.1145	0.9660	0.9626	0.9568	0.9569
32.2	0.9400	0.7923	0.1003	0.1647	0.9467	0.9450	0.9372	0.9447
32.3	0.9514	0.8398	0.0888	0.0359	0.9561	0.9524	0.9454	0.9528
32.4	0.9723	0.9050	0.1394	0.0634	0.9778	0.9752	0.9642	0.9779
32.5	0.9716	0.9208	0.1807	0.1986	0.9770	0.9751	0.9640	0.9778
32.6	0.9796	0.9428	0.1771	0.2841	0.9836	0.9831	0.9751	0.9835
32.7	0.9770	0.9224	0.0781	0.0601	0.9801	0.9750	0.9654	0.9822
32.8	0.9732	0.9195	0.1063	0.0300	0.9793	0.9770	0.9649	0.9806
32.9	0.9804	0.9280	0.1365	0.1167	0.9838	0.9799	0.9702	0.9862
33.0	0.9807	0.9460	0.2703	0.1639	0.9852	0.9829	0.9744	0.9848
33.1	0.9821	0.9478	0.2554	0.0975	0.9881	0.9852	0.9807	0.9861
33.2	0.9874	0.9593	0.2548	0.1290	0.9911	0.9887	0.9851	0.9902
33.3	0.9811	0.9548	0.2974	0.1437	0.9872	0.9855	0.9800	0.9890
33.4	0.9736	0.9481	0.1131	0.0633	0.9821	0.9804	0.9746	0.9834
33.5	0.9792	0.9641	0.1552	0.0550	0.9867	0.9846	0.9817	0.9865
33.6	0.9640	0.9434	0.0917	0.0242	0.9769	0.9771	0.9710	0.9749
33.7	0.9474	0.9194	0.0694	0.0237	0.9647	0.9625	0.9571	0.9697

33.8	0.9652	0.9446	0.2298	0.0567	0.9741	0.9698	0.9646	0.9774
33.9	0.9655	0.9470	0.2284	0.0452	0.9714	0.9701	0.9643	0.9749
34.0	0.9764	0.9518	0.3078	0.0762	0.9810	0.9786	0.9750	0.9813
34.1	0.9844	0.9678	0.2776	0.0247	0.9853	0.9839	0.9816	0.9880
34.2	0.9760	0.9599	0.3597	0.0193	0.9812	0.9790	0.9761	0.9817
34.3	0.9797	0.9639	0.5222	0.0619	0.9827	0.9808	0.9780	0.9846
34.4	0.9826	0.9656	0.5418	0.0965	0.9848	0.9827	0.9799	0.9885
34.5	0.9854	0.9732	0.5955	0.0459	0.9871	0.9849	0.9826	0.9884
34.6	0.9843	0.9716	0.5894	0.0487	0.9857	0.9840	0.9823	0.9875
34.7	0.9871	0.9781	0.6339	0.0447	0.9893	0.9881	0.9857	0.9908
34.8	0.9868	0.9703	0.6226	0.0290	0.9874	0.9850	0.9837	0.9888
34.9	0.9864	0.9729	0.6679	0.0191	0.9893	0.9873	0.9855	0.9909
35.0	0.9890	0.9723	0.6923	0.0323	0.9904	0.9889	0.9874	0.9920
35.1	0.9904	0.9793	0.7196	0.0866	0.9908	0.9900	0.9892	0.9926
35.2	0.9847	0.9662	0.5559	0.0448	0.9844	0.9834	0.9817	0.9866
35.3	0.9884	0.9814	0.5789	0.0941	0.9901	0.9894	0.9884	0.9904
35.4	0.9885	0.9798	0.5924	0.2681	0.9900	0.9894	0.9881	0.9912
35.5	0.9838	0.9641	0.3997	0.3805	0.9842	0.9828	0.9805	0.9863
35.6	0.9903	0.9775	0.5333	0.3806	0.9904	0.9890	0.9887	0.9904
35.7	0.9902	0.9763	0.5425	0.4637	0.9925	0.9920	0.9907	0.9925
35.8	0.9932	0.9832	0.6320	0.5887	0.9944	0.9937	0.9924	0.9946
35.9	0.9939	0.9767	0.6418	0.5659	0.9949	0.9942	0.9931	0.9946
36.0	0.9930	0.9765	0.6164	0.6159	0.9934	0.9932	0.9918	0.9930
36.1	0.9936	0.9835	0.7566	0.6619	0.9936	0.9932	0.9923	0.9942
36.2	0.9947	0.9832	0.7584	0.7073	0.9949	0.9943	0.9935	0.9944
36.3	0.9925	0.9789	0.8057	0.6683	0.9944	0.9933	0.9917	0.9939
36.4	0.9931	0.9799	0.8063	0.6407	0.9926	0.9923	0.9920	0.9920
36.5	0.9922	0.9816	0.8378	0.6613	0.9951	0.9939	0.9932	0.9939
36.6	0.9899	0.9765	0.8731	0.6734	0.9919	0.9915	0.9896	0.9912
36.7	0.9920	0.9803	0.9009	0.6771	0.9928	0.9922	0.9919	0.9916
36.8	0.9911	0.9795	0.8929	0.6324	0.9935	0.9933	0.9906	0.9939
36.9	0.9912	0.9785	0.8545	0.6388	0.9917	0.9917	0.9895	0.9911
37.0	0.9907	0.9785	0.8888	0.6231	0.9919	0.9921	0.9902	0.9913
37.1	0.9889	0.9795	0.8518	0.6231	0.9919	0.9916	0.9892	0.9906
37.2	0.9891	0.9779	0.8286	0.6434	0.9915	0.9907	0.9890	0.9898
37.3	0.9882	0.9754	0.8300	0.5339	0.9895	0.9895	0.9888	0.9886
37.4	0.9894	0.9812	0.8389	0.5412	0.9899	0.9897	0.9889	0.9880
37.5	0.9915	0.9841	0.8673	0.6808	0.9943	0.9943	0.9911	0.9925
37.6	0.9920	0.9838	0.8683	0.7303	0.9940	0.9936	0.9910	0.9926
37.7	0.9938	0.9890	0.8953	0.7816	0.9949	0.9946	0.9916	0.9938
37.8	0.9934	0.9871	0.8596	0.8045	0.9948	0.9952	0.9907	0.9939
37.9	0.9902	0.9886	0.8757	0.8604	0.9940	0.9943	0.9933	0.9921
38.0	0.9889	0.9796	0.8284	0.8305	0.9944	0.9941	0.9891	0.9931
38.1	0.9896	0.9819	0.8280	0.8613	0.9934	0.9931	0.9903	0.9894
38.2	0.9893	0.9833	0.8448	0.9135	0.9939	0.9936	0.9909	0.9914
38.3	0.9922	0.9887	0.8672	0.9101	0.9950	0.9954	0.9901	0.9948
38.4	0.9898	0.9858	0.8564	0.9042	0.9945	0.9945	0.9924	0.9928
38.5	0.9878	0.9837	0.8664	0.8574	0.9931	0.9925	0.9909	0.9908
38.6	0.9890	0.9883	0.9181	0.9203	0.9950	0.9945	0.9939	0.9927
38.7	0.9898	0.9890	0.9274	0.9048	0.9957	0.9957	0.9937	0.9938
38.8	0.9878	0.9802	0.8812	0.8506	0.9945	0.9937	0.9921	0.9901
38.9	0.9888	0.9869	0.9296	0.8569	0.9944	0.9946	0.9919	0.9938
39.0	0.9888	0.9842	0.9264	0.8433	0.9945	0.9942	0.9925	0.9936
39.1	0.9850	0.9811	0.9368	0.8858	0.9936	0.9930	0.9935	0.9912
39.2	0.9837	0.9745	0.9318	0.7978	0.9923	0.9922	0.9925	0.9885
39.3	0.9831	0.9771	0.9162	0.8226	0.9919	0.9922	0.9918	0.9908
39.4	0.9809	0.9838	0.9329	0.8146	0.9908	0.9905	0.9904	0.9896
39.5	0.9754	0.9751	0.9351	0.7221	0.9918	0.9920	0.9910	0.9893
39.6	0.9785	0.9830	0.9321	0.7685	0.9938	0.9938	0.9925	0.9931
39.7	0.9805	0.9804	0.9186	0.7413	0.9945	0.9939	0.9936	0.9925
39.8	0.9704	0.9809	0.9142	0.6683	0.9928	0.9925	0.9910	0.9917
39.9	0.9599	0.9765	0.9117	0.5200	0.9903	0.9908	0.9902	0.9881
40.0	0.9575	0.9718	0.9071	0.5430	0.9902	0.9896	0.9902	0.9879
40.1	0.9466	0.9731	0.9292	0.5632	0.9909	0.9900	0.9894	0.9906
40.2	0.9268	0.9676	0.8684	0.5260	0.9857	0.9850	0.9834	0.9824
40.3	0.9647	0.9729	0.8768	0.6365	0.9899	0.9898	0.9891	0.9888
40.4	0.9447	0.9735	0.8589	0.6342	0.9901	0.9894	0.9876	0.9891
40.5	0.9291	0.9700	0.8826	0.5160	0.9891	0.9901	0.9867	0.9897
40.6	0.9335	0.9472	0.8669	0.5365	0.9849	0.9849	0.9822	0.9833
40.7	0.9133	0.9671	0.8239	0.6659	0.9862	0.9868	0.9857	0.9826
40.8	0.9023	0.9572	0.8739	0.6512	0.9919	0.9924	0.9901	0.9907
40.9	0.9065	0.9648	0.8802	0.6314	0.9903	0.9901	0.9875	0.9895
41.0	0.8956	0.9650	0.8650	0.6341	0.9874	0.9866	0.9826	0.9887
41.1	0.9200	0.9582	0.8207	0.7093	0.9924	0.9914	0.9894	0.9917
41.2	0.9236	0.9741	0.8616	0.6772	0.9924	0.9920	0.9886	0.9907
41.3	0.8993	0.9635	0.8333	0.6374	0.9875	0.9865	0.9820	0.9862
41.4	0.9136	0.9552	0.8354	0.5591	0.9864	0.9868	0.9830	0.9876
41.5	0.9283	0.9589	0.8568	0.5569	0.9865	0.9882	0.9828	0.9872
41.6	0.9401	0.9586	0.8204	0.5174	0.9898	0.9897	0.9883	0.9886
41.7	0.9446	0.9716	0.8301	0.5860	0.9908	0.9892	0.9888	0.9888
41.8	0.9387	0.9634	0.8708	0.5343	0.9904	0.9899	0.9892	0.9904
41.9	0.9491	0.9656	0.8466	0.5780	0.9905	0.9906	0.9887	0.9897
42.0	0.9473	0.9690	0.8784	0.5718	0.9876	0.9903	0.9859	0.9884
42.1	0.9579	0.9666	0.8453	0.4656	0.9892	0.9884	0.9866	0.9885
42.2	0.9526	0.9606	0.8712	0.4613	0.9892	0.9886	0.9853	0.9876
42.3	0.9594	0.9576	0.8440	0.5177	0.9866	0.9853	0.9851	0.9815

42.4	0.9662	0.9715	0.8368	0.6069	0.9903	0.9894	0.9899	0.9852
42.5	0.9615	0.9745	0.8296	0.5623	0.9898	0.9893	0.9905	0.9845
42.6	0.9676	0.9707	0.6930	0.5515	0.9856	0.9848	0.9859	0.9778
42.7	0.9671	0.9706	0.7206	0.5605	0.9818	0.9808	0.9825	0.9749
42.8	0.9712	0.9731	0.8696	0.5541	0.9864	0.9852	0.9852	0.9832
42.9	0.9784	0.9793	0.8312	0.6087	0.9895	0.9877	0.9873	0.9860
43.0	0.9689	0.9790	0.7368	0.6166	0.9823	0.9809	0.9816	0.9774
43.1	0.9739	0.9700	0.7778	0.6666	0.9785	0.9804	0.9826	0.9722
43.2	0.9788	0.9781	0.8311	0.6912	0.9804	0.9778	0.9849	0.9791
43.3	0.9802	0.9790	0.8063	0.6189	0.9842	0.9809	0.9837	0.9742
43.4	0.9802	0.9801	0.8645	0.5361	0.9853	0.9836	0.9879	0.9789
43.5	0.9735	0.9739	0.7306	0.4237	0.9792	0.9792	0.9775	0.9749
43.6	0.9752	0.9742	0.6949	0.3810	0.9768	0.9787	0.9754	0.9714
43.7	0.9798	0.9770	0.5962	0.4753	0.9793	0.9794	0.9783	0.9734
43.8	0.9738	0.9713	0.6656	0.4750	0.9747	0.9740	0.9770	0.9678
43.9	0.9830	0.9791	0.8069	0.5716	0.9804	0.9835	0.9787	0.9788
44.0	0.9802	0.9803	0.7107	0.5242	0.9799	0.9848	0.9790	0.9787
44.1	0.9829	0.9799	0.5482	0.4752	0.9780	0.9779	0.9754	0.9715
44.2	0.9810	0.9775	0.3806	0.4092	0.9800	0.9773	0.9729	0.9687
44.3	0.9797	0.9802	0.3749	0.3621	0.9739	0.9763	0.9656	0.9652
44.4	0.9850	0.9726	0.3978	0.3051	0.9601	0.9645	0.9642	0.9479
44.5	0.9738	0.9793	0.5040	0.2854	0.9541	0.9542	0.9701	0.9262
44.6	0.9735	0.9749	0.4308	0.3635	0.9515	0.9558	0.9581	0.9447
44.7	0.9810	0.9830	0.4533	0.4856	0.9680	0.9693	0.9651	0.9581
44.8	0.9810	0.9824	0.5230	0.4534	0.9676	0.9751	0.9773	0.9676
44.9	0.9786	0.9801	0.5008	0.4563	0.9620	0.9696	0.9563	0.9670
45.0	0.9766	0.9740	0.3606	0.2420	0.9517	0.9621	0.9462	0.9436
45.1	0.9727	0.9662	0.2392	0.3405	0.9579	0.9604	0.9558	0.9428
45.2	0.9778	0.9643	0.1686	0.3932	0.9598	0.9684	0.9530	0.9440
45.3	0.9799	0.9752	0.1033	0.3363	0.9621	0.9694	0.9509	0.9204
45.4	0.9766	0.9730	0.1961	0.2356	0.9557	0.9583	0.9621	0.8998
45.5	0.9677	0.9624	0.1907	0.3416	0.9329	0.9540	0.9437	0.9151
45.6	0.9769	0.9702	0.2222	0.5000	0.9615	0.9658	0.9442	0.9428
45.7	0.9835	0.9720	0.2504	0.4239	0.9720	0.9756	0.9557	0.9457
45.8	0.9743	0.9704	0.1698	0.2038	0.9598	0.9585	0.9363	0.9220
45.9	0.9767	0.9736	0.1578	0.2967	0.9404	0.9436	0.9187	0.8929
46.0	0.9844	0.9778	0.1433	0.3793	0.9572	0.9554	0.9182	0.9461
46.1	0.9777	0.9774	0.1894	0.2589	0.9640	0.9682	0.9096	0.9473
46.2	0.9829	0.9824	0.2087	0.2088	0.9653	0.9683	0.9093	0.9484
46.3	0.9783	0.9727	0.1606	0.2717	0.9726	0.9662	0.8904	0.9537
46.4	0.9749	0.9774	0.2048	0.3974	0.9796	0.9825	0.9168	0.9666
46.5	0.9790	0.9744	0.0585	0.3211	0.9779	0.9793	0.8059	0.9426
46.6	0.9828	0.9746	0.2194	0.3480	0.9815	0.9814	0.8941	0.9485
46.7	0.9797	0.9698	0.2521	0.3155	0.9852	0.9828	0.9361	0.9644
46.8	0.9810	0.9793	0.2231	0.3360	0.9849	0.9822	0.9306	0.9690
46.9	0.9877	0.9802	0.0557	0.2922	0.9894	0.9858	0.9245	0.9594
47.0	0.9855	0.9842	0.1837	0.3168	0.9882	0.9866	0.9273	0.9769
47.1	0.9839	0.9807	0.1860	0.2489	0.9846	0.9869	0.9339	0.9762
47.2	0.9781	0.9685	0.0924	0.2574	0.9770	0.9824	0.9248	0.9556
47.3	0.9828	0.9802	0.1496	0.2653	0.9833	0.9863	0.9529	0.9728
47.4	0.9865	0.9838	0.1282	0.2755	0.9875	0.9896	0.9666	0.9810
47.5	0.9800	0.9718	0.0518	0.1375	0.9797	0.9788	0.9572	0.9676
47.6	0.9882	0.9862	0.0516	0.1135	0.9896	0.9888	0.9766	0.9835
47.7	0.9873	0.9830	0.0325	0.2666	0.9864	0.9882	0.9556	0.9747
47.8	0.9863	0.9757	0.2389	0.4024	0.9829	0.9872	0.9532	0.9799
47.9	0.9898	0.9816	0.1541	0.1102	0.9831	0.9878	0.9136	0.9633
48.0	0.9865	0.9754	0.0494	0.1719	0.9794	0.9836	0.9186	0.9576
48.1	0.9768	0.9683	0.1071	0.1962	0.9766	0.9791	0.9683	0.9752
48.2	0.9727	0.9702	0.0878	0.1501	0.9682	0.9767	0.9470	0.9780
48.3	0.9736	0.9607	0.0916	0.1158	0.9657	0.9739	0.9623	0.9756
48.4	0.9760	0.9655	0.1485	0.1422	0.9650	0.9739	0.9530	0.9722
48.5	0.9747	0.9472	0.0737	0.0512	0.9534	0.9689	0.9585	0.9644
48.6	0.9717	0.9530	0.1544	0.0002	0.9537	0.9673	0.9637	0.9614
48.7	0.9750	0.9623	0.0590	0.0399	0.9664	0.9775	0.9716	0.9700
48.8	0.9741	0.9549	0.0280	0.2392	0.9606	0.9715	0.9722	0.9684
48.9	0.9753	0.9523	0.0186	0.2582	0.9549	0.9668	0.9714	0.9615
49.0	0.9758	0.9599	0.0477	0.3769	0.9690	0.9763	0.9770	0.9696
49.1	0.9746	0.9526	0.0035	0.3908	0.9668	0.9762	0.9730	0.9694
49.2	0.9630	0.9395	0.0211	0.4055	0.9557	0.9688	0.9648	0.9564
49.3	0.9473	0.9343	0.0252	0.2238	0.9433	0.9610	0.9559	0.9373
49.4	0.9606	0.9381	0.0112	0.2195	0.9610	0.9702	0.9738	0.9430
49.5	0.9604	0.9437	0.0343	0.2179	0.9557	0.9674	0.9666	0.9412
49.6	0.9741	0.9589	0.0551	0.2850	0.9689	0.9764	0.9759	0.9626
49.7	0.9749	0.9550	0.0141	0.3582	0.9743	0.9796	0.9786	0.9602
49.8	0.8895	0.8466	0.0178	0.0356	0.9420	0.9558	0.8946	0.8038
49.9	0.8886	0.8227	0.0094	0.0467	0.9332	0.9491	0.8971	0.7981
50.0	0.9438	0.9275	0.0060	0.1260	0.9439	0.9560	0.9644	0.9247
50.1	0.9422	0.9237	0.0105	0.2017	0.9464	0.9570	0.9621	0.9286
50.2	0.9411	0.9202	0.0150	0.2369	0.9469	0.9598	0.9619	0.9177
50.3	0.9563	0.9438	0.0133	0.2791	0.9562	0.9656	0.9692	0.9413
50.4	0.9626	0.9360	0.0114	0.2506	0.9602	0.9686	0.9736	0.9558
50.5	0.9619	0.9345	0.0347	0.2459	0.9640	0.9711	0.9751	0.9581
50.6	0.9594	0.9471	0.0044	0.4242	0.9656	0.9725	0.9776	0.9553
50.7	0.9598	0.9350	0.0048	0.3854	0.9600	0.9662	0.9748	0.9584
50.8	0.9724	0.9596	0.0326	0.4499	0.9727	0.9763	0.9834	0.9707
50.9	0.9660	0.9390	0.0499	0.3548	0.9669	0.9724	0.9787	0.9627

51.0	0.9562	0.9437	0.0892	0.3579	0.9590	0.9650	0.9734	0.9535
51.1	0.9660	0.9553	0.0844	0.4490	0.9625	0.9678	0.9731	0.9608
51.2	0.9555	0.9383	0.0095	0.3395	0.9499	0.9565	0.9668	0.9406
51.3	0.9692	0.9584	0.0861	0.3711	0.9682	0.9737	0.9794	0.9622
51.4	0.9541	0.9531	0.0440	0.2149	0.9612	0.9670	0.9720	0.9555
51.5	0.9566	0.9478	0.1599	0.1193	0.9642	0.9688	0.9766	0.9585
51.6	0.9582	0.9451	0.2338	0.1468	0.9607	0.9669	0.9744	0.9545
51.7	0.9648	0.9590	0.2811	0.1432	0.9663	0.9706	0.9746	0.9652
51.8	0.9666	0.9617	0.4170	0.1394	0.9625	0.9675	0.9709	0.9624
51.9	0.9704	0.9603	0.3628	0.2594	0.9670	0.9700	0.9743	0.9643
52.0	0.9682	0.9663	0.3964	0.0703	0.9673	0.9704	0.9740	0.9648
52.1	0.9684	0.9637	0.4053	0.1233	0.9648	0.9697	0.9753	0.9611
52.2	0.9598	0.9535	0.4739	0.1728	0.9568	0.9637	0.9699	0.9526
52.3	0.9704	0.9659	0.4664	0.2677	0.9717	0.9762	0.9803	0.9687
52.4	0.9684	0.9687	0.5064	0.2809	0.9680	0.9729	0.9785	0.9608
52.5	0.9738	0.9729	0.5067	0.1691	0.9734	0.9766	0.9789	0.9712
52.6	0.9643	0.9628	0.3022	0.1218	0.9663	0.9700	0.9740	0.9623
52.7	0.9671	0.9647	0.4421	0.2040	0.9697	0.9738	0.9800	0.9621
52.8	0.9718	0.9693	0.5767	0.4030	0.9725	0.9755	0.9796	0.9698
52.9	0.9636	0.9620	0.3311	0.1623	0.9662	0.9711	0.9749	0.9605
53.0	0.9604	0.9660	0.4335	0.1682	0.9633	0.9691	0.9740	0.9599
53.1	0.9580	0.9569	0.3465	0.0094	0.9605	0.9655	0.9691	0.9594
53.2	0.9745	0.9758	0.6362	0.1553	0.9764	0.9792	0.9819	0.9746
53.3	0.9748	0.9786	0.6473	0.2159	0.9792	0.9819	0.9845	0.9762
53.4	0.9733	0.9767	0.7581	0.3610	0.9745	0.9774	0.9796	0.9724
53.5	0.9739	0.9756	0.8092	0.4078	0.9737	0.9787	0.9806	0.9720
53.6	0.9780	0.9795	0.7517	0.3275	0.9775	0.9812	0.9828	0.9760
53.7	0.9794	0.9816	0.6183	0.1946	0.9781	0.9820	0.9825	0.9768
53.8	0.9777	0.9769	0.6490	0.2993	0.9756	0.9801	0.9824	0.9723
53.9	0.9823	0.9783	0.7209	0.3925	0.9793	0.9840	0.9862	0.9760
54.0	0.9766	0.9802	0.6623	0.3160	0.9769	0.9817	0.9834	0.9759
54.1	0.9714	0.9763	0.6411	0.3239	0.9750	0.9790	0.9814	0.9725
54.2	0.9680	0.9735	0.6926	0.3393	0.9711	0.9762	0.9778	0.9707
54.3	0.9585	0.9670	0.6056	0.3863	0.9667	0.9715	0.9749	0.9643
54.4	0.9731	0.9751	0.6631	0.4741	0.9727	0.9786	0.9812	0.9689
54.5	0.9654	0.9730	0.7179	0.5963	0.9686	0.9751	0.9790	0.9627
54.6	0.9588	0.9687	0.8141	0.7351	0.9695	0.9745	0.9782	0.9646
54.7	0.9777	0.9771	0.8965	0.7686	0.9804	0.9825	0.9837	0.9796
54.8	0.9654	0.9751	0.7975	0.6473	0.9713	0.9755	0.9788	0.9680
54.9	0.9510	0.9647	0.7226	0.6186	0.9639	0.9688	0.9738	0.9567
55.0	0.9665	0.9728	0.8724	0.7982	0.9740	0.9768	0.9792	0.9722
55.1	0.9639	0.9717	0.8599	0.8401	0.9692	0.9727	0.9761	0.9653
55.2	0.9668	0.9747	0.8809	0.8387	0.9746	0.9784	0.9809	0.9716
55.3	0.9544	0.9619	0.8472	0.8233	0.9662	0.9692	0.9721	0.9619
55.4	0.9629	0.9668	0.9016	0.8188	0.9685	0.9719	0.9742	0.9665
55.5	0.9699	0.9726	0.9319	0.8593	0.9759	0.9764	0.9782	0.9727
55.6	0.9625	0.9764	0.9103	0.8624	0.9740	0.9767	0.9788	0.9730
55.7	0.9679	0.9770	0.9192	0.8864	0.9760	0.9786	0.9785	0.9756
55.8	0.9553	0.9622	0.9382	0.8862	0.9635	0.9660	0.9672	0.9627
55.9	0.9594	0.9699	0.9381	0.8984	0.9695	0.9712	0.9728	0.9678
56.0	0.9475	0.9626	0.9317	0.8529	0.9662	0.9690	0.9698	0.9646
56.1	0.9393	0.9622	0.9322	0.8436	0.9597	0.9626	0.9642	0.9576
56.2	0.9356	0.9551	0.9504	0.8887	0.9525	0.9561	0.9569	0.9512
56.3	0.9277	0.9462	0.9345	0.8875	0.9516	0.9537	0.9568	0.9501
56.4	0.9319	0.9514	0.9265	0.8811	0.9458	0.9470	0.9500	0.9437
56.5	0.9221	0.9459	0.9310	0.8699	0.9406	0.9440	0.9460	0.9379
56.6	0.9268	0.9431	0.9400	0.8866	0.9513	0.9508	0.9550	0.9463
56.7	0.9353	0.9380	0.9604	0.9098	0.9568	0.9584	0.9609	0.9548
56.8	0.9205	0.9365	0.9567	0.9066	0.9518	0.9537	0.9553	0.9479
56.9	0.9065	0.9372	0.9265	0.8810	0.9416	0.9412	0.9417	0.9362
57.0	0.9008	0.9161	0.9283	0.8807	0.9443	0.9451	0.9465	0.9433
57.1	0.8858	0.9438	0.9229	0.8802	0.9406	0.9411	0.9413	0.9409
57.2	0.8852	0.9001	0.9248	0.8831	0.9255	0.9256	0.9255	0.9253
57.3	0.8988	0.8939	0.9291	0.8546	0.9298	0.9238	0.9264	0.9244
57.4	0.8434	0.8686	0.9156	0.8805	0.9210	0.9127	0.9180	0.9141
57.5	0.9041	0.9133	0.9165	0.8766	0.9421	0.9413	0.9395	0.9410
57.6	0.8904	0.9144	0.9285	0.9076	0.9450	0.9437	0.9431	0.9423
57.7	0.8636	0.9032	0.8940	0.8677	0.9471	0.9439	0.9468	0.9481
57.8	0.8658	0.8728	0.9042	0.9129	0.9414	0.9372	0.9378	0.9392
57.9	0.8750	0.9045	0.8964	0.8920	0.9612	0.9583	0.9611	0.9576
58.0	0.8752	0.8847	0.9142	0.8783	0.9597	0.9577	0.9569	0.9605
58.1	0.8254	0.8985	0.8943	0.8843	0.9581	0.9526	0.9553	0.9550
58.2	0.8346	0.8472	0.8819	0.8753	0.9421	0.9349	0.9354	0.9373
58.3	0.8503	0.8577	0.9095	0.9055	0.9521	0.9484	0.9456	0.9475
58.4	0.8829	0.8563	0.9204	0.9270	0.9712	0.9670	0.9685	0.9684
58.5	0.8649	0.9232	0.9508	0.9150	0.9775	0.9765	0.9748	0.9778
58.6	0.8669	0.8835	0.8985	0.8928	0.9751	0.9722	0.9719	0.9734
58.7	0.8703	0.9023	0.9048	0.9032	0.9749	0.9762	0.9723	0.9735
58.8	0.8398	0.8877	0.9312	0.9024	0.9762	0.9751	0.9758	0.9726
58.9	0.8739	0.9067	0.9368	0.9367	0.9797	0.9794	0.9776	0.9770
59.0	0.8750	0.8868	0.9188	0.9316	0.9793	0.9777	0.9795	0.9762
59.1	0.8096	0.8697	0.9241	0.9039	0.9759	0.9748	0.9758	0.9745
59.2	0.8992	0.9228	0.9395	0.9380	0.9852	0.9843	0.9842	0.9836
59.3	0.8781	0.8984	0.9230	0.9216	0.9799	0.9805	0.9798	0.9770
59.4	0.8855	0.8640	0.9321	0.8902	0.9819	0.9814	0.9825	0.9812
59.5	0.8783	0.8998	0.9417	0.9113	0.9869	0.9882	0.9882	0.9866

59.6	0.8513	0.8737	0.9320	0.9139	0.9858	0.9846	0.9851	0.9861
59.7	0.7973	0.8180	0.9155	0.9061	0.9837	0.9835	0.9845	0.9820
59.8	0.8276	0.7807	0.9212	0.9088	0.9883	0.9891	0.9894	0.9893
59.9	0.5355	0.5300	0.8535	0.9086	0.9814	0.9812	0.9836	0.9797
60.0	0.0918	0.0330	0.0019	0.2995	0.8137	0.7924	0.9003	0.7867
60.1	0.5135	0.4263	0.8407	0.8730	0.9848	0.9849	0.9859	0.9827
60.2	0.7300	0.7543	0.9138	0.9077	0.9909	0.9897	0.9914	0.9894
60.3	0.8172	0.8303	0.9235	0.9151	0.9891	0.9894	0.9899	0.9885
60.4	0.8120	0.8288	0.9265	0.8911	0.9884	0.9882	0.9886	0.9857
60.5	0.8305	0.8981	0.9514	0.9301	0.9928	0.9931	0.9936	0.9908
60.6	0.7859	0.8557	0.9192	0.9146	0.9840	0.9843	0.9859	0.9828
60.7	0.8463	0.8457	0.9446	0.9092	0.9859	0.9865	0.9873	0.9851
60.8	0.8608	0.8716	0.9429	0.9237	0.9864	0.9869	0.9874	0.9852
60.9	0.8418	0.8852	0.9434	0.9226	0.9893	0.9894	0.9900	0.9864
61.0	0.8186	0.8896	0.9445	0.9395	0.9924	0.9924	0.9936	0.9905
61.1	0.7680	0.8100	0.9462	0.9290	0.9869	0.9873	0.9884	0.9830
61.2	0.8364	0.8890	0.9557	0.9289	0.9891	0.9892	0.9895	0.9870
61.3	0.7938	0.8992	0.9481	0.9498	0.9883	0.9887	0.9893	0.9854
61.4	0.7720	0.7877	0.9345	0.9036	0.9857	0.9869	0.9863	0.9837
61.5	0.7994	0.8748	0.9509	0.9225	0.9905	0.9896	0.9891	0.9882
61.6	0.8211	0.9125	0.9466	0.9291	0.9902	0.9912	0.9889	0.9879
61.7	0.8471	0.8964	0.9459	0.9281	0.9862	0.9862	0.9869	0.9818
61.8	0.7880	0.8639	0.9376	0.9012	0.9791	0.9798	0.9779	0.9743
61.9	0.7891	0.8902	0.9466	0.9100	0.9771	0.9802	0.9781	0.9769
62.0	0.8411	0.9036	0.9526	0.9244	0.9880	0.9894	0.9879	0.9848
62.1	0.8779	0.9051	0.9591	0.9247	0.9885	0.9892	0.9893	0.9862
62.2	0.8763	0.9242	0.9641	0.9408	0.9903	0.9903	0.9885	0.9884
62.3	0.8721	0.9086	0.9488	0.9199	0.9869	0.9873	0.9855	0.9846
62.4	0.8761	0.8874	0.9529	0.9343	0.9842	0.9835	0.9840	0.9809
62.5	0.8629	0.9112	0.9584	0.9431	0.9857	0.9855	0.9854	0.9821
62.6	0.9051	0.9149	0.9642	0.9457	0.9907	0.9897	0.9892	0.9870
62.7	0.8908	0.9403	0.9708	0.9475	0.9905	0.9903	0.9906	0.9870
62.8	0.9119	0.9273	0.9614	0.9473	0.9895	0.9895	0.9886	0.9843
62.9	0.9086	0.9219	0.9582	0.9501	0.9879	0.9877	0.9886	0.9848
63.0	0.9275	0.9176	0.9549	0.9408	0.9869	0.9862	0.9866	0.9849
63.1	0.9312	0.9175	0.9628	0.9346	0.9861	0.9847	0.9860	0.9840
63.2	0.8977	0.9119	0.9539	0.9379	0.9880	0.9869	0.9868	0.9850
63.3	0.9203	0.9114	0.9588	0.9474	0.9914	0.9909	0.9907	0.9895
63.4	0.9207	0.9382	0.9684	0.9571	0.9899	0.9899	0.9898	0.9884
63.5	0.9083	0.9207	0.9633	0.9373	0.9874	0.9868	0.9857	0.9837
63.6	0.9129	0.9189	0.9559	0.9463	0.9871	0.9829	0.9836	0.9833
63.7	0.9321	0.9211	0.9750	0.9578	0.9890	0.9881	0.9876	0.9879
63.8	0.9339	0.9041	0.9691	0.9577	0.9884	0.9861	0.9856	0.9848
63.9	0.9120	0.8979	0.9520	0.9264	0.9854	0.9861	0.9848	0.9832
64.0	0.9217	0.9080	0.9568	0.9346	0.9864	0.9841	0.9841	0.9845
64.1	0.9290	0.8952	0.9633	0.9246	0.9861	0.9830	0.9826	0.9824
64.2	0.9286	0.9216	0.9499	0.9214	0.9849	0.9835	0.9818	0.9829
64.3	0.9246	0.9282	0.9666	0.9484	0.9840	0.9824	0.9814	0.9814
64.4	0.9263	0.9043	0.9610	0.9289	0.9851	0.9815	0.9820	0.9826
64.5	0.9157	0.9256	0.9519	0.9267	0.9835	0.9792	0.9818	0.9808
64.6	0.9357	0.9254	0.9598	0.9274	0.9836	0.9821	0.9834	0.9826
64.7	0.9350	0.9335	0.9598	0.9472	0.9887	0.9868	0.9862	0.9873
64.8	0.9381	0.9301	0.9627	0.9401	0.9886	0.9876	0.9860	0.9882
64.9	0.9583	0.9352	0.9710	0.9351	0.9854	0.9862	0.9862	0.9858
65.0	0.9502	0.9344	0.9612	0.9515	0.9855	0.9854	0.9854	0.9840
65.1	0.9224	0.9234	0.9616	0.9334	0.9853	0.9846	0.9856	0.9824
65.2	0.9168	0.9248	0.9521	0.9242	0.9800	0.9778	0.9803	0.9771
65.3	0.9285	0.9318	0.9570	0.9224	0.9843	0.9827	0.9835	0.9820
65.4	0.9326	0.9455	0.9619	0.9306	0.9894	0.9885	0.9891	0.9869
65.5	0.9432	0.9378	0.9647	0.9431	0.9883	0.9857	0.9878	0.9865
65.6	0.9379	0.9452	0.9512	0.9354	0.9882	0.9871	0.9878	0.9865
65.7	0.9403	0.9535	0.9564	0.9460	0.9880	0.9858	0.9870	0.9850
65.8	0.9249	0.9197	0.9335	0.9236	0.9844	0.9831	0.9841	0.9837
65.9	0.9422	0.9339	0.9357	0.9167	0.9828	0.9849	0.9861	0.9838
66.0	0.9270	0.9387	0.9283	0.8986	0.9812	0.9834	0.9839	0.9799
66.1	0.9420	0.9539	0.9294	0.9140	0.9861	0.9889	0.9890	0.9869
66.2	0.9557	0.9589	0.9547	0.9257	0.9861	0.9870	0.9873	0.9863
66.3	0.9452	0.9387	0.9228	0.8911	0.9838	0.9834	0.9851	0.9849
66.4	0.9230	0.9293	0.9152	0.8558	0.9807	0.9831	0.9819	0.9797
66.5	0.9333	0.9332	0.9248	0.8627	0.9837	0.9820	0.9828	0.9811
66.6	0.9266	0.9280	0.8951	0.9025	0.9803	0.9831	0.9829	0.9815
66.7	0.9393	0.9123	0.8856	0.9049	0.9817	0.9811	0.9807	0.9805
66.8	0.9360	0.9466	0.8962	0.8707	0.9821	0.9849	0.9836	0.9825
66.9	0.9284	0.9065	0.8982	0.8443	0.9811	0.9824	0.9817	0.9809
67.0	0.9356	0.9228	0.8758	0.8591	0.9812	0.9835	0.9819	0.9813
67.1	0.9310	0.9343	0.9222	0.8335	0.9859	0.9860	0.9858	0.9872
67.2	0.9361	0.9446	0.8931	0.8330	0.9850	0.9868	0.9858	0.9880
67.3	0.9338	0.9002	0.8388	0.7701	0.9781	0.9826	0.9802	0.9813
67.4	0.9254	0.9251	0.8726	0.8089	0.9806	0.9846	0.9827	0.9839
67.5	0.9305	0.9221	0.8630	0.7527	0.9820	0.9856	0.9851	0.9849
67.6	0.9268	0.8933	0.8237	0.6546	0.9765	0.9806	0.9778	0.9786
67.7	0.9430	0.9310	0.9091	0.7466	0.9851	0.9876	0.9866	0.9875
67.8	0.9369	0.9320	0.8942	0.7472	0.9793	0.9858	0.9839	0.9839
67.9	0.9316	0.9492	0.8693	0.7338	0.9848	0.9888	0.9872	0.9890
68.0	0.9195	0.9337	0.8600	0.7104	0.9842	0.9900	0.9890	0.9872
68.1	0.9056	0.9257	0.8344	0.7463	0.9844	0.9902	0.9895	0.9883

68.2	0.9290	0.9165	0.8211	0.6912	0.9815	0.9877	0.9834	0.9846
68.3	0.9198	0.8846	0.8262	0.6742	0.9743	0.9810	0.9776	0.9803
68.4	0.9128	0.9048	0.8405	0.5456	0.9780	0.9829	0.9811	0.9819
68.5	0.8497	0.8754	0.8008	0.4443	0.9727	0.9795	0.9789	0.9789
68.6	0.8817	0.8819	0.7845	0.5042	0.9707	0.9824	0.9796	0.9793
68.7	0.8988	0.8772	0.8143	0.5441	0.9755	0.9805	0.9802	0.9779
68.8	0.8731	0.8832	0.7755	0.4370	0.9717	0.9830	0.9788	0.9808
68.9	0.8887	0.8760	0.8312	0.4409	0.9756	0.9845	0.9814	0.9829
69.0	0.8664	0.8721	0.7914	0.2908	0.9721	0.9825	0.9795	0.9762
69.1	0.8108	0.8305	0.7580	0.2480	0.9665	0.9834	0.9743	0.9789
69.2	0.8258	0.8757	0.7691	0.4220	0.9715	0.9831	0.9784	0.9814
69.3	0.8008	0.8736	0.7917	0.2490	0.9693	0.9840	0.9790	0.9809
69.4	0.7552	0.8638	0.7984	0.2277	0.9670	0.9805	0.9757	0.9778
69.5	0.8265	0.8696	0.8103	0.2297	0.9736	0.9833	0.9817	0.9805
69.6	0.7673	0.8569	0.8069	0.0821	0.9631	0.9798	0.9741	0.9700
69.7	0.6507	0.8049	0.6709	0.2346	0.9527	0.9739	0.9629	0.9685
69.8	0.6507	0.8312	0.6143	0.2591	0.9569	0.9793	0.9669	0.9749
69.9	0.6158	0.8135	0.6414	0.1600	0.9524	0.9814	0.9662	0.9732
70.0	0.6407	0.8082	0.6659	0.0729	0.9482	0.9808	0.9636	0.9735
70.1	0.5935	0.8008	0.6583	0.1543	0.9494	0.9802	0.9625	0.9789
70.2	0.5655	0.8108	0.6897	0.0716	0.9471	0.9807	0.9578	0.9769
70.3	0.6122	0.8033	0.7042	0.1136	0.9476	0.9782	0.9556	0.9731
70.4	0.4156	0.7575	0.6137	0.0939	0.9182	0.9677	0.9372	0.9678
70.5	0.3408	0.8078	0.6725	0.1484	0.9333	0.9732	0.9379	0.9677
70.6	0.4546	0.8308	0.7258	0.0990	0.9433	0.9777	0.9427	0.9740
70.7	0.2635	0.8068	0.7189	0.1809	0.9338	0.9714	0.9292	0.9751
70.8	0.1622	0.8252	0.6816	0.4202	0.9503	0.9801	0.9428	0.9789
70.9	0.2511	0.8547	0.7133	0.3767	0.9393	0.9783	0.9346	0.9773
71.0	0.2494	0.8701	0.7320	0.3643	0.9504	0.9845	0.9407	0.9759
71.1	0.1922	0.8104	0.6356	0.5027	0.9424	0.9786	0.9296	0.9737
71.2	0.1197	0.8226	0.6117	0.4848	0.9396	0.9722	0.9122	0.9722
71.3	0.1471	0.8590	0.6581	0.5388	0.9448	0.9773	0.9150	0.9786
71.4	0.1526	0.8363	0.6049	0.4753	0.9316	0.9706	0.9079	0.9713
71.5	0.0891	0.8632	0.6628	0.4903	0.9385	0.9692	0.9055	0.9689
71.6	0.2021	0.8608	0.6655	0.5273	0.9532	0.9753	0.9131	0.9753
71.7	0.3653	0.8583	0.6000	0.6223	0.9530	0.9741	0.8930	0.9763
71.8	0.5193	0.8659	0.6053	0.6634	0.9561	0.9763	0.8890	0.9790
71.9	0.3940	0.8804	0.6013	0.6039	0.9525	0.9722	0.8607	0.9760
72.0	0.3638	0.8719	0.6300	0.6252	0.9489	0.9711	0.8354	0.9671
72.1	0.4085	0.8181	0.4825	0.6220	0.9359	0.9645	0.7659	0.9627
72.2	0.4762	0.8245	0.5523	0.6237	0.9314	0.9584	0.6875	0.9726
72.3	0.6286	0.8756	0.6697	0.7238	0.9433	0.9743	0.7104	0.9707
72.4	0.6388	0.8497	0.6213	0.7331	0.9570	0.9650	0.6745	0.9674
72.5	0.6580	0.8458	0.5838	0.6971	0.9446	0.9719	0.6623	0.9706
72.6	0.6694	0.8753	0.6093	0.7001	0.9470	0.9661	0.5980	0.9637
72.7	0.7122	0.8660	0.6248	0.7415	0.9512	0.9673	0.5840	0.9770
72.8	0.7204	0.8967	0.6888	0.7423	0.9586	0.9702	0.6315	0.9757
72.9	0.7579	0.8882	0.6570	0.7517	0.9590	0.9708	0.6569	0.9753
73.0	0.7410	0.8551	0.6651	0.7245	0.9496	0.9616	0.6522	0.9675
73.1	0.7712	0.8729	0.6675	0.7586	0.9436	0.9561	0.7064	0.9658
73.2	0.7488	0.8736	0.7128	0.7435	0.9536	0.9595	0.6909	0.9615
73.3	0.7698	0.8732	0.6328	0.7376	0.9465	0.9529	0.6600	0.9603
73.4	0.8061	0.7966	0.6223	0.7508	0.9400	0.9486	0.6341	0.9582
73.5	0.8176	0.8944	0.6657	0.8086	0.9532	0.9672	0.7544	0.9686
73.6	0.8327	0.8822	0.7287	0.8271	0.9556	0.9671	0.8084	0.9710
73.7	0.8646	0.8676	0.6552	0.7800	0.9392	0.9519	0.8132	0.9726
73.8	0.8701	0.8902	0.6964	0.8227	0.9578	0.9694	0.8562	0.9705
73.9	0.8526	0.8858	0.6952	0.8665	0.9404	0.9566	0.8514	0.9650
74.0	0.8608	0.8627	0.6548	0.8382	0.9388	0.9589	0.8474	0.9634
74.1	0.8413	0.8808	0.7522	0.7931	0.9402	0.9532	0.8727	0.9550
74.2	0.8825	0.8951	0.7842	0.8290	0.9552	0.9494	0.8957	0.9666
74.3	0.8950	0.9211	0.7913	0.8532	0.9529	0.9488	0.9051	0.9594
74.4	0.8149	0.8644	0.7382	0.7810	0.9320	0.9410	0.8793	0.9513
74.5	0.8294	0.8808	0.7388	0.7817	0.9112	0.9287	0.8705	0.9435
74.6	0.8447	0.8352	0.6673	0.7763	0.9224	0.9319	0.8556	0.9375
74.7	0.8726	0.8949	0.7759	0.8071	0.9398	0.9481	0.9114	0.9560
74.8	0.9070	0.9306	0.8630	0.8888	0.9504	0.9614	0.9507	0.9650
74.9	0.9151	0.8995	0.8292	0.8768	0.9325	0.9531	0.9585	0.9705
75.0	0.8819	0.8876	0.8329	0.8009	0.9318	0.9513	0.9337	0.9593
75.1	0.8833	0.8592	0.7993	0.8019	0.8994	0.9285	0.9217	0.9434
75.2	0.8906	0.8860	0.7795	0.8372	0.8938	0.9326	0.9360	0.9478
75.3	0.9173	0.8912	0.7968	0.8618	0.9106	0.9312	0.9540	0.9661
75.4	0.9180	0.9109	0.8252	0.8643	0.9141	0.9443	0.9492	0.9693
75.5	0.8650	0.9040	0.7954	0.8717	0.8659	0.8910	0.9270	0.9389
75.6	0.8588	0.8789	0.7993	0.8170	0.8587	0.9057	0.9271	0.9249
75.7	0.9149	0.9359	0.8480	0.8849	0.8745	0.8856	0.9516	0.9597
75.8	0.9011	0.9136	0.8734	0.8344	0.8757	0.8883	0.9557	0.9466
75.9	0.8532	0.9204	0.8386	0.8144	0.7658	0.8494	0.9508	0.9363
76.0	0.8879	0.9151	0.8292	0.8249	0.7838	0.7937	0.9558	0.9433
76.1	0.9157	0.9244	0.8485	0.8461	0.7682	0.8323	0.9621	0.9484
76.2	0.8902	0.9448	0.8751	0.8239	0.7804	0.8210	0.9675	0.9507
76.3	0.8900	0.9165	0.7519	0.7815	0.7060	0.7627	0.9586	0.9257
76.4	0.8713	0.9084	0.7786	0.7953	0.4897	0.6306	0.9561	0.9034
76.5	0.8993	0.9318	0.7901	0.8376	0.4816	0.6739	0.9612	0.9193
76.6	0.9241	0.9315	0.8113	0.8755	0.4803	0.5611	0.9663	0.9353
76.7	0.8929	0.9350	0.8177	0.8340	0.2070	0.5358	0.9585	0.9008

76.8	0.8984	0.9413	0.7382	0.8526	0.1319	0.3784	0.9599	0.9202
76.9	0.9257	0.9360	0.7749	0.8382	0.0514	0.2296	0.9698	0.9082
77.0	0.8772	0.9363	0.7621	0.7886	0.0935	0.2259	0.9588	0.8883
77.1	0.8506	0.9391	0.7678	0.7874	0.0246	0.1841	0.9515	0.8776
77.2	0.9044	0.9233	0.7218	0.7826	0.1734	0.2792	0.9670	0.8162
77.3	0.9045	0.9476	0.7943	0.8258	0.4282	0.4952	0.9697	0.8879
77.4	0.9173	0.9507	0.7303	0.8264	0.5722	0.6687	0.9733	0.8776
77.5	0.9363	0.9551	0.7450	0.8373	0.6331	0.7791	0.9732	0.8163
77.6	0.9241	0.9606	0.7694	0.7439	0.6578	0.7422	0.9629	0.7742
77.7	0.9261	0.9581	0.7400	0.7734	0.7996	0.7647	0.9677	0.8115
77.8	0.9438	0.9675	0.7014	0.7550	0.8233	0.8618	0.9678	0.8012
77.9	0.9346	0.9449	0.6036	0.7767	0.7891	0.8284	0.9648	0.7362
78.0	0.9307	0.9519	0.5583	0.7186	0.8032	0.8500	0.9614	0.6715
78.1	0.9178	0.9471	0.5731	0.7656	0.8593	0.8818	0.9610	0.6785
78.2	0.9050	0.9302	0.4120	0.6035	0.8298	0.8582	0.9433	0.5792
78.3	0.9411	0.9552	0.5404	0.6675	0.9012	0.8962	0.9676	0.6762
78.4	0.9534	0.9654	0.5489	0.6936	0.9360	0.9383	0.9731	0.6972
78.5	0.9519	0.9693	0.5534	0.7424	0.9234	0.9390	0.9686	0.6216
78.6	0.9444	0.9718	0.4608	0.7831	0.9350	0.9324	0.9649	0.6277
78.7	0.9379	0.9695	0.5630	0.6350	0.9478	0.9538	0.9767	0.6785
78.8	0.9377	0.9652	0.5159	0.5925	0.9367	0.9412	0.9725	0.7114
78.9	0.9567	0.9691	0.5018	0.8069	0.9615	0.9530	0.9759	0.7622
79.0	0.9452	0.9673	0.5539	0.6395	0.9509	0.9435	0.9729	0.7108
79.1	0.9387	0.9663	0.3929	0.4701	0.9440	0.9441	0.9682	0.6566
79.2	0.9619	0.9700	0.4661	0.4817	0.9548	0.9597	0.9754	0.6956
79.3	0.9567	0.9677	0.4934	0.4989	0.9490	0.9508	0.9721	0.6782
79.4	0.9498	0.9725	0.6602	0.4750	0.9550	0.9545	0.9816	0.7790
79.5	0.9568	0.9651	0.6207	0.4342	0.9603	0.9513	0.9804	0.7259
79.6	0.9559	0.9762	0.5208	0.3617	0.9578	0.9560	0.9729	0.6745
79.7	0.9676	0.9825	0.5086	0.4554	0.9570	0.9652	0.9751	0.7330
79.8	0.9658	0.9775	0.5437	0.2824	0.9712	0.9625	0.9804	0.7915
79.9	0.9564	0.9704	0.5708	0.2247	0.9616	0.9587	0.9778	0.7661
80.0	0.9589	0.9709	0.3828	0.1808	0.9607	0.9635	0.9776	0.7409

1.2.4 Run 1 – IP000-200 – SF and shaft bending gauges

In-plane shaking at 0° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.9740	0.9900	0.9905	0.9907	0.9912	0.9144	0.9914	0.9160
0.1	0.1264	0.0093	0.0163	0.0921	0.1285	0.4264	0.3313	0.3995
0.2	0.1278	0.1971	0.1042	0.1932	0.5744	0.7049	0.6790	0.6813
0.3	0.0297	0.2238	0.0296	0.2624	0.7963	0.8479	0.8155	0.8310
0.4	0.0341	0.2301	0.0791	0.0770	0.6252	0.7382	0.6633	0.6399
0.5	0.0001	0.0136	0.0097	0.0086	0.2660	0.4363	0.1592	0.1775
0.6	0.0038	0.0502	0.0152	0.0013	0.0495	0.1699	0.0794	0.1253
0.7	0.1332	0.1352	0.0548	0.2544	0.8460	0.8766	0.8588	0.8609
0.8	0.4380	0.2979	0.3089	0.3830	0.9145	0.9484	0.9217	0.9343
0.9	0.2982	0.5824	0.6204	0.5913	0.9692	0.9613	0.9527	0.9199
1.0	0.4094	0.4015	0.4514	0.4944	0.9328	0.9476	0.9092	0.9142
1.1	0.3677	0.8498	0.8492	0.8364	0.9895	0.9925	0.9884	0.9893
1.2	0.4048	0.8713	0.8393	0.8644	0.9924	0.9961	0.9947	0.9950
1.3	0.7860	0.5624	0.6069	0.6768	0.9923	0.9934	0.9947	0.9902
1.4	0.7775	0.7693	0.8068	0.8821	0.9983	0.9985	0.9984	0.9979
1.5	0.8096	0.8827	0.9176	0.9492	0.9995	0.9995	0.9994	0.9993
1.6	0.9455	0.4718	0.8399	0.9182	0.9995	0.9996	0.9994	0.9994
1.7	0.9600	0.6809	0.9222	0.9672	0.9996	0.9997	0.9995	0.9995
1.8	0.9910	0.9393	0.9807	0.9913	0.9999	0.9999	0.9998	0.9998
1.9	0.9873	0.9615	0.9807	0.9899	0.9999	0.9999	0.9998	0.9999
2.0	0.9843	0.9316	0.9705	0.9825	0.9996	0.9997	0.9996	0.9997
2.1	0.8902	0.8270	0.8590	0.8621	0.9973	0.9980	0.9975	0.9977
2.2	0.3148	0.7400	0.5944	0.4956	0.9833	0.9847	0.9856	0.9832
2.3	0.0958	0.8371	0.6591	0.5826	0.8022	0.8093	0.7875	0.7942
2.4	0.6844	0.9583	0.7782	0.7738	0.9953	0.9953	0.9944	0.9931
2.5	0.8495	0.9806	0.8452	0.8927	0.9991	0.9994	0.9989	0.9991
2.6	0.9254	0.9894	0.9320	0.9565	0.9997	0.9998	0.9996	0.9997
2.7	0.9479	0.9953	0.9614	0.9817	0.9999	0.9999	0.9998	0.9998
2.8	0.9645	0.9975	0.9830	0.9924	0.9999	0.9999	0.9999	0.9999
2.9	0.9599	0.9971	0.9836	0.9938	0.9999	0.9999	0.9999	0.9999
3.0	0.9645	0.9977	0.9902	0.9968	0.9999	1.0000	0.9999	0.9999
3.1	0.9559	0.9985	0.9916	0.9970	1.0000	1.0000	1.0000	1.0000
3.2	0.9504	0.9978	0.9913	0.9965	0.9999	1.0000	0.9999	0.9999
3.3	0.9334	0.9967	0.9893	0.9964	0.9999	0.9999	0.9999	0.9999
3.4	0.9300	0.9948	0.9795	0.9939	0.9999	0.9999	0.9999	0.9999
3.5	0.8894	0.9925	0.9815	0.9944	0.9998	0.9999	0.9998	0.9999
3.6	0.8174	0.9917	0.9698	0.9902	0.9998	0.9999	0.9999	0.9998
3.7	0.7897	0.9909	0.9697	0.9902	0.9997	0.9998	0.9998	0.9998
3.8	0.8286	0.9903	0.9801	0.9906	0.9997	0.9998	0.9998	0.9998
3.9	0.7760	0.9835	0.9640	0.9889	0.9997	0.9999	0.9998	0.9998
4.0	0.7132	0.9845	0.9618	0.9904	0.9997	0.9998	0.9998	0.9997
4.1	0.6701	0.9846	0.9627	0.9870	0.9994	0.9996	0.9995	0.9995
4.2	0.7269	0.9842	0.9575	0.9859	0.9991	0.9993	0.9992	0.9992
4.3	0.6076	0.9720	0.9563	0.9880	0.9992	0.9994	0.9993	0.9993
4.4	0.5172	0.9713	0.9399	0.9859	0.9995	0.9996	0.9995	0.9995
4.5	0.7600	0.9761	0.9434	0.9874	0.9997	0.9997	0.9997	0.9997
4.6	0.6821	0.9647	0.9313	0.9848	0.9997	0.9998	0.9997	0.9997
4.7	0.5901	0.9570	0.9186	0.9779	0.9996	0.9996	0.9996	0.9996
4.8	0.5695	0.9540	0.9341	0.9848	0.9996	0.9996	0.9996	0.9996
4.9	0.5673	0.9375	0.9165	0.9776	0.9994	0.9996	0.9995	0.9995
5.0	0.4632	0.9213	0.9167	0.9764	0.9994	0.9995	0.9993	0.9993
5.1	0.4894	0.9194	0.9208	0.9822	0.9995	0.9996	0.9995	0.9996
5.2	0.4393	0.9148	0.9174	0.9772	0.9995	0.9996	0.9995	0.9995
5.3	0.4094	0.9137	0.8594	0.9762	0.9994	0.9995	0.9994	0.9995
5.4	0.4741	0.9042	0.9204	0.9742	0.9994	0.9995	0.9994	0.9994
5.5	0.4716	0.9124	0.8963	0.9732	0.9993	0.9994	0.9994	0.9993
5.6	0.5605	0.9189	0.8816	0.9749	0.9994	0.9995	0.9994	0.9994
5.7	0.6357	0.9300	0.8946	0.9803	0.9996	0.9997	0.9996	0.9996
5.8	0.6439	0.9229	0.9052	0.9809	0.9996	0.9997	0.9996	0.9997
5.9	0.6955	0.9098	0.7440	0.9708	0.9994	0.9996	0.9994	0.9995
6.0	0.6662	0.8757	0.5611	0.9525	0.9994	0.9994	0.9993	0.9992
6.1	0.7075	0.8678	0.5694	0.9575	0.9991	0.9994	0.9991	0.9993
6.2	0.7545	0.8689	0.1480	0.9475	0.9992	0.9993	0.9992	0.9991
6.3	0.8035	0.8816	0.0548	0.9666	0.9993	0.9993	0.9992	0.9991
6.4	0.7956	0.8672	0.0772	0.9725	0.9993	0.9994	0.9993	0.9994
6.5	0.7847	0.8520	0.1951	0.9551	0.9989	0.9990	0.9989	0.9989
6.6	0.8069	0.8281	0.5870	0.9661	0.9989	0.9991	0.9989	0.9989
6.7	0.7850	0.7758	0.7981	0.9718	0.9991	0.9992	0.9991	0.9990
6.8	0.8107	0.7779	0.9054	0.9799	0.9993	0.9994	0.9992	0.9993
6.9	0.8844	0.8287	0.9615	0.9881	0.9993	0.9994	0.9993	0.9993
7.0	0.8767	0.7660	0.9813	0.9881	0.9993	0.9994	0.9993	0.9992
7.1	0.8900	0.7038	0.9891	0.9879	0.9989	0.9991	0.9989	0.9989
7.2	0.9513	0.4987	0.9934	0.9868	0.9991	0.9989	0.9989	0.9987
7.3	0.9660	0.5343	0.9941	0.9789	0.9991	0.9991	0.9990	0.9990
7.4	0.9165	0.7589	0.9925	0.9773	0.9986	0.9989	0.9987	0.9986
7.5	0.7773	0.6352	0.9866	0.8911	0.9983	0.9984	0.9982	0.9979
7.6	0.7483	0.5399	0.9792	0.5931	0.9980	0.9985	0.9980	0.9982
7.7	0.8317	0.5933	0.9840	0.2404	0.9985	0.9987	0.9986	0.9985
7.8	0.8475	0.7158	0.9849	0.0202	0.9987	0.9989	0.9988	0.9987
7.9	0.8605	0.7333	0.9805	0.0286	0.9991	0.9991	0.9990	0.9989

8.0	0.8732	0.6904	0.9845	0.4980	0.9989	0.9990	0.9988	0.9989
8.1	0.7782	0.6363	0.9795	0.1087	0.9987	0.9987	0.9985	0.9983
8.2	0.8468	0.7915	0.9883	0.3677	0.9989	0.9991	0.9989	0.9989
8.3	0.8864	0.8613	0.9866	0.5516	0.9989	0.9990	0.9988	0.9988
8.4	0.8761	0.8810	0.9853	0.6828	0.9983	0.9985	0.9981	0.9982
8.5	0.8838	0.8596	0.9882	0.6769	0.9984	0.9984	0.9983	0.9981
8.6	0.8734	0.8541	0.9798	0.7776	0.9983	0.9984	0.9983	0.9981
8.7	0.8588	0.8995	0.9865	0.8583	0.9987	0.9990	0.9987	0.9988
8.8	0.8688	0.8981	0.9872	0.9118	0.9989	0.9989	0.9988	0.9987
8.9	0.9021	0.8912	0.9854	0.9602	0.9984	0.9988	0.9983	0.9988
9.0	0.8989	0.8940	0.9873	0.9574	0.9981	0.9984	0.9980	0.9982
9.1	0.8592	0.8220	0.9819	0.9556	0.9977	0.9978	0.9974	0.9974
9.2	0.8939	0.8530	0.9818	0.9708	0.9972	0.9977	0.9971	0.9973
9.3	0.9300	0.8642	0.9861	0.9882	0.9981	0.9985	0.9979	0.9982
9.4	0.9449	0.8688	0.9876	0.9922	0.9983	0.9985	0.9980	0.9982
9.5	0.9454	0.7611	0.9804	0.9918	0.9989	0.9990	0.9987	0.9986
9.6	0.8826	0.4810	0.9652	0.9887	0.9980	0.9984	0.9976	0.9977
9.7	0.9078	0.6058	0.9457	0.9898	0.9985	0.9989	0.9982	0.9985
9.8	0.9046	0.7011	0.9163	0.9846	0.9982	0.9985	0.9979	0.9977
9.9	0.8801	0.5559	0.7839	0.9835	0.9987	0.9988	0.9983	0.9983
10.0	0.8700	0.6307	0.5256	0.9779	0.9984	0.9989	0.9982	0.9985
10.1	0.8645	0.6425	0.3143	0.9721	0.9978	0.9986	0.9975	0.9980
10.2	0.8756	0.5892	0.2026	0.9696	0.9984	0.9988	0.9982	0.9983
10.3	0.8445	0.5934	0.2512	0.9484	0.9980	0.9983	0.9978	0.9975
10.4	0.8687	0.6050	0.2022	0.9610	0.9983	0.9988	0.9980	0.9982
10.5	0.8357	0.5299	0.0484	0.9503	0.9984	0.9987	0.9980	0.9980
10.6	0.7823	0.6242	0.2256	0.9370	0.9970	0.9976	0.9964	0.9967
10.7	0.8617	0.7725	0.4785	0.9583	0.9980	0.9985	0.9977	0.9979
10.8	0.8555	0.7749	0.4844	0.9436	0.9977	0.9986	0.9976	0.9981
10.9	0.8610	0.7531	0.4976	0.9287	0.9965	0.9973	0.9960	0.9964
11.0	0.8103	0.7665	0.5339	0.9338	0.9968	0.9976	0.9965	0.9969
11.1	0.7924	0.8282	0.6721	0.9359	0.9967	0.9981	0.9963	0.9976
11.2	0.8101	0.8744	0.7727	0.9414	0.9964	0.9978	0.9960	0.9970
11.3	0.8632	0.9087	0.8500	0.9581	0.9959	0.9973	0.9955	0.9967
11.4	0.9127	0.9398	0.9262	0.9701	0.9961	0.9974	0.9958	0.9968
11.5	0.9305	0.9535	0.9433	0.9688	0.9956	0.9967	0.9950	0.9958
11.6	0.9344	0.9405	0.9259	0.9675	0.9944	0.9962	0.9940	0.9954
11.7	0.9362	0.9465	0.9363	0.9637	0.9931	0.9957	0.9926	0.9951
11.8	0.9482	0.9377	0.9325	0.9660	0.9937	0.9961	0.9932	0.9955
11.9	0.9444	0.9313	0.9238	0.9581	0.9914	0.9946	0.9906	0.9939
12.0	0.9215	0.9202	0.9052	0.9420	0.9890	0.9938	0.9886	0.9930
12.1	0.9277	0.9185	0.9051	0.9371	0.9888	0.9944	0.9886	0.9938
12.2	0.8907	0.9065	0.8687	0.9162	0.9830	0.9893	0.9821	0.9880
12.3	0.8797	0.8850	0.8626	0.8996	0.9779	0.9893	0.9777	0.9886
12.4	0.8860	0.8964	0.8764	0.9007	0.9739	0.9867	0.9739	0.9861
12.5	0.8912	0.9006	0.8844	0.9048	0.9749	0.9881	0.9751	0.9878
12.6	0.9084	0.9163	0.9053	0.9200	0.9745	0.9880	0.9751	0.9881
12.7	0.9009	0.9127	0.9039	0.9113	0.9680	0.9867	0.9689	0.9880
12.8	0.8490	0.8670	0.8547	0.8623	0.9391	0.9719	0.9410	0.9742
12.9	0.7897	0.8014	0.7964	0.7991	0.8874	0.9482	0.8922	0.9553
13.0	0.8671	0.8716	0.8709	0.8683	0.9011	0.9442	0.9040	0.9511
13.1	0.8899	0.8954	0.8950	0.8924	0.9006	0.9387	0.9039	0.9470
13.2	0.9362	0.9385	0.9399	0.9366	0.9265	0.9590	0.9295	0.9679
13.3	0.9622	0.9641	0.9652	0.9623	0.9444	0.9718	0.9461	0.9791
13.4	0.9756	0.9763	0.9771	0.9753	0.9559	0.9768	0.9565	0.9820
13.5	0.9812	0.9822	0.9824	0.9812	0.9602	0.9842	0.9611	0.9876
13.6	0.9824	0.9829	0.9831	0.9820	0.9466	0.9882	0.9477	0.9907
13.7	0.9807	0.9821	0.9822	0.9805	0.9254	0.9898	0.9292	0.9915
13.8	0.9859	0.9874	0.9871	0.9859	0.9310	0.9899	0.9378	0.9913
13.9	0.9835	0.9848	0.9844	0.9830	0.8746	0.9912	0.9096	0.9923
14.0	0.9881	0.9888	0.9886	0.9877	0.8604	0.9926	0.9185	0.9937
14.1	0.9912	0.9920	0.9922	0.9910	0.8387	0.9943	0.9271	0.9955
14.2	0.9928	0.9935	0.9937	0.9928	0.7462	0.9940	0.9166	0.9955
14.3	0.9920	0.9926	0.9929	0.9919	0.5823	0.9908	0.8531	0.9935
14.4	0.9905	0.9903	0.9908	0.9899	0.2970	0.9846	0.7836	0.9893
14.5	0.9923	0.9920	0.9922	0.9919	0.2962	0.9868	0.7836	0.9915
14.6	0.9881	0.9887	0.9891	0.9883	0.2054	0.9780	0.6469	0.9861
14.7	0.9852	0.9840	0.9848	0.9839	0.3351	0.9756	0.5041	0.9860
14.8	0.9858	0.9838	0.9859	0.9845	0.3839	0.9752	0.4391	0.9863
14.9	0.9837	0.9831	0.9847	0.9827	0.4995	0.9688	0.2376	0.9834
15.0	0.9845	0.9832	0.9848	0.9832	0.6214	0.9525	0.0526	0.9761
15.1	0.9832	0.9826	0.9847	0.9815	0.6651	0.9472	0.0311	0.9749
15.2	0.9824	0.9829	0.9840	0.9820	0.7357	0.9377	0.1049	0.9718
15.3	0.9709	0.9696	0.9715	0.9697	0.7220	0.8574	0.2176	0.9421
15.4	0.9696	0.9676	0.9699	0.9670	0.7303	0.8636	0.2670	0.9473
15.5	0.9724	0.9722	0.9735	0.9708	0.8018	0.8486	0.4372	0.9498
15.6	0.9758	0.9764	0.9776	0.9755	0.8428	0.7940	0.5509	0.9362
15.7	0.9772	0.9763	0.9786	0.9768	0.8623	0.6624	0.6658	0.8948
15.8	0.9668	0.9657	0.9678	0.9656	0.8497	0.5229	0.6787	0.8364
15.9	0.9618	0.9624	0.9639	0.9625	0.8480	0.4319	0.6995	0.7408
16.0	0.9622	0.9617	0.9630	0.9619	0.8643	0.4573	0.7461	0.6467
16.1	0.9575	0.9550	0.9574	0.9562	0.8665	0.5401	0.7704	0.5408
16.2	0.9545	0.9533	0.9552	0.9538	0.8790	0.6647	0.8064	0.5651
16.3	0.9550	0.9548	0.9561	0.9555	0.8845	0.7106	0.8227	0.5741
16.4	0.9601	0.9572	0.9602	0.9592	0.9070	0.8109	0.8680	0.7173
16.5	0.9610	0.9580	0.9593	0.9597	0.9211	0.8625	0.8925	0.8009

16.6	0.9452	0.9417	0.9432	0.9442	0.8892	0.8111	0.8523	0.7378
16.7	0.9536	0.9503	0.9518	0.9522	0.9154	0.8661	0.8916	0.8152
16.8	0.9256	0.9221	0.9245	0.9242	0.8834	0.8355	0.8575	0.7852
16.9	0.8644	0.8594	0.8601	0.8621	0.7990	0.7314	0.7620	0.6653
17.0	0.8597	0.8574	0.8582	0.8588	0.8116	0.7772	0.7872	0.7462
17.1	0.8348	0.8328	0.8327	0.8345	0.7968	0.7816	0.7787	0.7653
17.2	0.8009	0.7941	0.7962	0.7960	0.7718	0.7581	0.7586	0.7458
17.3	0.8299	0.8270	0.8265	0.8287	0.8206	0.8221	0.8159	0.8214
17.4	0.8283	0.8232	0.8249	0.8267	0.8267	0.8346	0.8270	0.8412
17.5	0.8396	0.8356	0.8363	0.8389	0.8444	0.8559	0.8472	0.8654
17.6	0.8951	0.8943	0.8935	0.8950	0.9038	0.9130	0.9073	0.9202
17.7	0.9146	0.9121	0.9117	0.9139	0.9268	0.9371	0.9319	0.9448
17.8	0.9070	0.9076	0.9057	0.9085	0.9259	0.9382	0.9325	0.9470
17.9	0.9191	0.9182	0.9182	0.9197	0.9403	0.9518	0.9467	0.9598
18.0	0.9305	0.9311	0.9308	0.9323	0.9493	0.9583	0.9555	0.9657
18.1	0.9421	0.9422	0.9427	0.9436	0.9605	0.9691	0.9661	0.9753
18.2	0.9500	0.9511	0.9507	0.9515	0.9685	0.9769	0.9739	0.9822
18.3	0.9510	0.9499	0.9501	0.9510	0.9705	0.9785	0.9760	0.9838
18.4	0.9643	0.9642	0.9643	0.9652	0.9793	0.9851	0.9835	0.9890
18.5	0.9651	0.9655	0.9661	0.9662	0.9807	0.9867	0.9849	0.9904
18.6	0.9568	0.9596	0.9582	0.9600	0.9797	0.9862	0.9846	0.9904
18.7	0.9471	0.9470	0.9493	0.9484	0.9744	0.9830	0.9809	0.9884
18.8	0.9526	0.9516	0.9526	0.9539	0.9777	0.9856	0.9836	0.9905
18.9	0.9466	0.9480	0.9493	0.9502	0.9755	0.9841	0.9825	0.9898
19.0	0.9609	0.9614	0.9629	0.9630	0.9815	0.9874	0.9868	0.9918
19.1	0.9549	0.9520	0.9549	0.9570	0.9805	0.9873	0.9868	0.9921
19.2	0.9697	0.9697	0.9708	0.9687	0.9862	0.9906	0.9905	0.9939
19.3	0.9647	0.9673	0.9664	0.9663	0.9866	0.9920	0.9916	0.9953
19.4	0.9574	0.9588	0.9600	0.9593	0.9844	0.9903	0.9902	0.9942
19.5	0.9595	0.9586	0.9617	0.9608	0.9851	0.9905	0.9905	0.9941
19.6	0.9585	0.9592	0.9580	0.9607	0.9848	0.9900	0.9903	0.9938
19.7	0.9611	0.9631	0.9643	0.9629	0.9850	0.9895	0.9902	0.9935
19.8	0.9664	0.9658	0.9664	0.9666	0.9876	0.9915	0.9922	0.9949
19.9	0.9601	0.9593	0.9605	0.9628	0.9867	0.9912	0.9920	0.9947
20.0	0.9566	0.9516	0.9488	0.9576	0.9854	0.9900	0.9912	0.9941
20.1	0.9661	0.9626	0.9643	0.9642	0.9871	0.9901	0.9919	0.9940
20.2	0.9726	0.9680	0.9699	0.9724	0.9905	0.9931	0.9943	0.9960
20.3	0.9587	0.9520	0.9527	0.9589	0.9859	0.9898	0.9916	0.9939
20.4	0.9524	0.9551	0.9537	0.9557	0.9872	0.9915	0.9926	0.9951
20.5	0.9431	0.9507	0.9496	0.9513	0.9852	0.9887	0.9915	0.9933
20.6	0.9569	0.9575	0.9566	0.9603	0.9886	0.9912	0.9934	0.9947
20.7	0.9663	0.9652	0.9640	0.9700	0.9927	0.9945	0.9959	0.9969
20.8	0.9634	0.9648	0.9619	0.9666	0.9910	0.9933	0.9951	0.9962
20.9	0.9540	0.9575	0.9576	0.9572	0.9890	0.9919	0.9945	0.9958
21.0	0.9378	0.9353	0.9347	0.9399	0.9837	0.9884	0.9918	0.9936
21.1	0.9423	0.9411	0.9410	0.9464	0.9858	0.9893	0.9923	0.9940
21.2	0.9411	0.9353	0.9341	0.9398	0.9853	0.9899	0.9925	0.9948
21.3	0.9468	0.9446	0.9444	0.9463	0.9903	0.9924	0.9951	0.9961
21.4	0.9217	0.9160	0.9250	0.9261	0.9834	0.9864	0.9906	0.9922
21.5	0.9229	0.9175	0.9201	0.9319	0.9853	0.9898	0.9924	0.9948
21.6	0.9485	0.9376	0.9440	0.9477	0.9908	0.9928	0.9950	0.9964
21.7	0.9283	0.9227	0.9260	0.9307	0.9901	0.9932	0.9951	0.9965
21.8	0.8849	0.8819	0.8916	0.9002	0.9852	0.9904	0.9927	0.9951
21.9	0.8987	0.8921	0.8972	0.9078	0.9875	0.9922	0.9940	0.9964
22.0	0.8358	0.8244	0.8433	0.8503	0.9856	0.9895	0.9928	0.9946
22.1	0.8032	0.7678	0.7914	0.8026	0.9797	0.9870	0.9909	0.9943
22.2	0.8564	0.8440	0.8626	0.8686	0.9857	0.9911	0.9931	0.9958
22.3	0.8402	0.8469	0.8585	0.8710	0.9888	0.9926	0.9946	0.9963
22.4	0.8322	0.8134	0.8415	0.8440	0.9872	0.9906	0.9946	0.9958
22.5	0.7618	0.7042	0.7665	0.8004	0.9866	0.9891	0.9943	0.9949
22.6	0.7270	0.7098	0.7465	0.7766	0.9839	0.9874	0.9928	0.9943
22.7	0.7781	0.7748	0.7972	0.8289	0.9854	0.9895	0.9941	0.9956
22.8	0.7770	0.7665	0.7967	0.8141	0.9826	0.9879	0.9929	0.9951
22.9	0.7815	0.7667	0.8158	0.8159	0.9846	0.9868	0.9931	0.9941
23.0	0.7554	0.7089	0.7736	0.7586	0.9821	0.9858	0.9931	0.9944
23.1	0.6870	0.6398	0.6867	0.7076	0.9787	0.9835	0.9918	0.9930
23.2	0.7083	0.6847	0.7084	0.7313	0.9867	0.9884	0.9951	0.9948
23.3	0.7582	0.7243	0.7358	0.7682	0.9830	0.9870	0.9930	0.9945
23.4	0.7654	0.7553	0.7789	0.8011	0.9868	0.9906	0.9947	0.9958
23.5	0.7224	0.6990	0.7640	0.7465	0.9896	0.9922	0.9959	0.9964
23.6	0.7264	0.6578	0.7437	0.7471	0.9912	0.9931	0.9963	0.9969
23.7	0.7455	0.6937	0.7348	0.7709	0.9910	0.9929	0.9961	0.9970
23.8	0.6560	0.6120	0.6772	0.6971	0.9864	0.9874	0.9944	0.9945
23.9	0.6086	0.5748	0.6279	0.6828	0.9853	0.9870	0.9936	0.9947
24.0	0.6525	0.6981	0.7040	0.7345	0.9890	0.9886	0.9952	0.9952
24.1	0.7151	0.7613	0.7649	0.8012	0.9889	0.9889	0.9949	0.9954
24.2	0.6378	0.7565	0.7633	0.7557	0.9899	0.9910	0.9963	0.9965
24.3	0.5700	0.6784	0.6578	0.7049	0.9893	0.9890	0.9950	0.9951
24.4	0.6867	0.6855	0.7479	0.7546	0.9912	0.9913	0.9967	0.9965
24.5	0.7939	0.8395	0.8405	0.8384	0.9929	0.9929	0.9973	0.9970
24.6	0.8103	0.8437	0.8527	0.8521	0.9920	0.9896	0.9956	0.9952
24.7	0.8336	0.8807	0.8418	0.8728	0.9904	0.9890	0.9962	0.9956
24.8	0.7929	0.8569	0.8384	0.8725	0.9901	0.9907	0.9960	0.9964
24.9	0.7681	0.7779	0.8186	0.7909	0.9883	0.9907	0.9956	0.9960
25.0	0.7941	0.7875	0.8077	0.8031	0.9888	0.9891	0.9959	0.9955
25.1	0.7882	0.7913	0.8249	0.7569	0.9871	0.9860	0.9947	0.9940

25.2	0.7965	0.7864	0.7759	0.7818	0.9914	0.9888	0.9963	0.9950
25.3	0.7655	0.8059	0.8253	0.7648	0.9885	0.9885	0.9957	0.9953
25.4	0.8027	0.8550	0.8190	0.8298	0.9884	0.9865	0.9954	0.9952
25.5	0.8113	0.8454	0.8335	0.7967	0.9878	0.9865	0.9956	0.9951
25.6	0.7860	0.8221	0.8061	0.7785	0.9839	0.9826	0.9947	0.9937
25.7	0.7667	0.8152	0.7993	0.7436	0.9885	0.9861	0.9964	0.9946
25.8	0.7746	0.8081	0.8088	0.7886	0.9861	0.9863	0.9959	0.9949
25.9	0.7931	0.8106	0.8208	0.7472	0.9895	0.9851	0.9967	0.9953
26.0	0.6939	0.7799	0.8089	0.6722	0.9860	0.9826	0.9963	0.9949
26.1	0.5774	0.7204	0.7339	0.5712	0.9847	0.9794	0.9964	0.9940
26.2	0.6595	0.7253	0.7315	0.6507	0.9886	0.9770	0.9968	0.9938
26.3	0.7230	0.7565	0.8041	0.7174	0.9897	0.9734	0.9968	0.9928
26.4	0.7090	0.7307	0.7396	0.6736	0.9874	0.9729	0.9957	0.9917
26.5	0.5277	0.5613	0.5945	0.4797	0.9795	0.9604	0.9938	0.9890
26.6	0.5326	0.5722	0.6241	0.4875	0.9842	0.9641	0.9953	0.9906
26.7	0.4758	0.5238	0.5373	0.4474	0.9847	0.9706	0.9967	0.9935
26.8	0.3418	0.4042	0.4321	0.3021	0.9829	0.9613	0.9953	0.9898
26.9	0.4577	0.4549	0.4946	0.4188	0.9802	0.9588	0.9945	0.9891
27.0	0.5104	0.5265	0.5713	0.4847	0.9830	0.9684	0.9954	0.9911
27.1	0.4622	0.4455	0.4781	0.4284	0.9770	0.9517	0.9935	0.9863
27.2	0.2478	0.2743	0.2886	0.2266	0.9661	0.9434	0.9920	0.9834
27.3	0.2870	0.2953	0.3174	0.2409	0.9727	0.9498	0.9940	0.9830
27.4	0.3559	0.3606	0.3909	0.3351	0.9701	0.9480	0.9924	0.9831
27.5	0.3890	0.3819	0.4194	0.3497	0.9686	0.9283	0.9931	0.9782
27.6	0.2778	0.2700	0.2902	0.2188	0.9635	0.9097	0.9915	0.9718
27.7	0.2483	0.2243	0.2509	0.2048	0.9667	0.9242	0.9931	0.9742
27.8	0.2167	0.1921	0.2072	0.1755	0.9739	0.9396	0.9942	0.9808
27.9	0.3283	0.2903	0.3072	0.2845	0.9732	0.9271	0.9943	0.9761
28.0	0.2192	0.1381	0.1539	0.1837	0.9705	0.9186	0.9943	0.9737
28.1	0.1286	0.0819	0.1158	0.0895	0.9629	0.9105	0.9934	0.9733
28.2	0.3613	0.3115	0.3369	0.3586	0.9697	0.9256	0.9929	0.9797
28.3	0.3530	0.3084	0.2837	0.3615	0.9775	0.9251	0.9958	0.9782
28.4	0.2935	0.1729	0.1420	0.2703	0.9737	0.9127	0.9946	0.9758
28.5	0.1560	0.0387	0.0438	0.1456	0.9674	0.9110	0.9940	0.9746
28.6	0.1875	0.1012	0.0933	0.2207	0.9723	0.8991	0.9950	0.9732
28.7	0.2466	0.1133	0.0726	0.3279	0.9783	0.9218	0.9959	0.9815
28.8	0.2531	0.0948	0.0598	0.3331	0.9805	0.9422	0.9960	0.9875
28.9	0.2136	0.0466	0.1097	0.2732	0.9849	0.9573	0.9961	0.9907
29.0	0.2239	0.0137	0.1568	0.2981	0.9871	0.9424	0.9972	0.9875
29.1	0.2876	0.0391	0.1286	0.3085	0.9850	0.9243	0.9967	0.9858
29.2	0.1903	0.0434	0.0862	0.2396	0.9737	0.8878	0.9961	0.9807
29.3	0.2680	0.1106	0.1303	0.4146	0.9744	0.8876	0.9945	0.9796
29.4	0.1325	0.1172	0.1505	0.2699	0.9779	0.8913	0.9966	0.9816
29.5	0.0466	0.1597	0.2208	0.3099	0.9717	0.8894	0.9951	0.9803
29.6	0.0342	0.1905	0.2270	0.2521	0.9680	0.8933	0.9956	0.9818
29.7	0.1825	0.1012	0.1618	0.2902	0.9736	0.8877	0.9954	0.9818
29.8	0.1298	0.0408	0.2866	0.1175	0.9766	0.8858	0.9954	0.9845
29.9	0.0089	0.0565	0.1692	0.0845	0.9741	0.8794	0.9961	0.9821
30.0	0.0216	0.1633	0.2279	0.1940	0.9766	0.9023	0.9969	0.9866
30.1	0.0054	0.2282	0.2617	0.1634	0.9718	0.8980	0.9958	0.9866
30.2	0.0318	0.2427	0.2841	0.1907	0.9686	0.9024	0.9961	0.9878
30.3	0.0128	0.2655	0.2950	0.1739	0.9738	0.8953	0.9971	0.9869
30.4	0.0289	0.0791	0.1285	0.1378	0.9628	0.8621	0.9961	0.9848
30.5	0.1127	0.0578	0.0445	0.2516	0.9666	0.8603	0.9967	0.9836
30.6	0.0627	0.0289	0.0726	0.1687	0.9657	0.8540	0.9955	0.9818
30.7	0.0221	0.0440	0.1034	0.1313	0.9670	0.8173	0.9956	0.9802
30.8	0.0212	0.0267	0.0608	0.1101	0.9603	0.7628	0.9950	0.9763
30.9	0.0575	0.0215	0.0305	0.1081	0.9588	0.7671	0.9947	0.9778
31.0	0.0228	0.0044	0.0205	0.1043	0.9635	0.7976	0.9951	0.9813
31.1	0.0087	0.0304	0.0574	0.0553	0.9547	0.7837	0.9958	0.9831
31.2	0.0397	0.0576	0.0741	0.0669	0.9474	0.7743	0.9938	0.9817
31.3	0.0252	0.0167	0.0271	0.0852	0.9301	0.7914	0.9934	0.9833
31.4	0.0352	0.0088	0.0010	0.0713	0.9022	0.7042	0.9905	0.9720
31.5	0.0648	0.0986	0.1354	0.0549	0.9060	0.7157	0.9906	0.9772
31.6	0.1761	0.2110	0.2569	0.1539	0.8975	0.7407	0.9897	0.9790
31.7	0.1660	0.1518	0.1586	0.1745	0.8484	0.7834	0.9874	0.9807
31.8	0.0952	0.1085	0.1453	0.0779	0.8745	0.7743	0.9873	0.9795
31.9	0.0508	0.0423	0.0658	0.0544	0.8435	0.7684	0.9853	0.9774
32.0	0.1048	0.1007	0.1066	0.1104	0.7782	0.7543	0.9811	0.9730
32.1	0.1065	0.1097	0.1390	0.0877	0.7996	0.7874	0.9827	0.9760
32.2	0.1682	0.1491	0.1758	0.1595	0.7471	0.7611	0.9791	0.9674
32.3	0.0378	0.0630	0.1252	0.0159	0.7314	0.6355	0.9778	0.9516
32.4	0.0694	0.0947	0.1726	0.0255	0.8068	0.7416	0.9841	0.9711
32.5	0.2171	0.2080	0.3128	0.1634	0.7592	0.8231	0.9833	0.9790
32.6	0.2844	0.2389	0.3605	0.2389	0.8139	0.8563	0.9906	0.9795
32.7	0.1176	0.0787	0.1865	0.0804	0.7857	0.7595	0.9862	0.9691
32.8	0.0820	0.0924	0.1881	0.0254	0.7858	0.7310	0.9872	0.9658
32.9	0.1532	0.2099	0.3430	0.0567	0.8003	0.7747	0.9892	0.9728
33.0	0.1322	0.2927	0.3790	0.0454	0.8338	0.7863	0.9905	0.9760
33.1	0.1067	0.2271	0.3813	0.0150	0.8467	0.7806	0.9907	0.9753
33.2	0.1850	0.2624	0.4580	0.0701	0.8810	0.8115	0.9926	0.9782
33.3	0.0763	0.3266	0.4355	0.0267	0.8742	0.7618	0.9917	0.9751
33.4	0.0498	0.2135	0.3288	0.0050	0.8388	0.7568	0.9886	0.9750
33.5	0.1208	0.2742	0.3950	0.0283	0.8799	0.8218	0.9911	0.9791
33.6	0.0992	0.2621	0.3234	0.0053	0.8676	0.7754	0.9859	0.9736
33.7	0.1305	0.2797	0.3575	0.0007	0.8180	0.7230	0.9816	0.9764

33.8	0.0970	0.4277	0.4298	0.0142	0.8490	0.7081	0.9861	0.9787
33.9	0.2591	0.3361	0.4469	0.0018	0.8058	0.7278	0.9844	0.9764
34.0	0.4980	0.2163	0.4924	0.0670	0.8427	0.8401	0.9868	0.9879
34.1	0.4204	0.3098	0.4152	0.0969	0.8791	0.8554	0.9903	0.9889
34.2	0.3571	0.2990	0.4695	0.0313	0.8659	0.7947	0.9886	0.9854
34.3	0.4869	0.3943	0.6008	0.0152	0.8443	0.8028	0.9894	0.9843
34.4	0.5426	0.4671	0.6271	0.0207	0.8412	0.8000	0.9908	0.9834
34.5	0.5099	0.5775	0.6517	0.0026	0.8501	0.7882	0.9921	0.9814
34.6	0.5750	0.5632	0.6681	0.0273	0.8643	0.8409	0.9933	0.9842
34.7	0.5983	0.6020	0.6847	0.0120	0.8855	0.8417	0.9937	0.9851
34.8	0.5638	0.6159	0.6791	0.0179	0.8609	0.8126	0.9919	0.9834
34.9	0.5569	0.6409	0.6996	0.0549	0.8628	0.7736	0.9928	0.9790
35.0	0.5881	0.6754	0.6922	0.0689	0.8596	0.7926	0.9927	0.9825
35.1	0.6630	0.7446	0.7474	0.1221	0.8983	0.8499	0.9950	0.9852
35.2	0.4492	0.6445	0.6035	0.1226	0.8454	0.7493	0.9903	0.9720
35.3	0.4435	0.6894	0.6190	0.1506	0.8407	0.7327	0.9918	0.9679
35.4	0.5760	0.6515	0.5860	0.0891	0.8022	0.7733	0.9900	0.9719
35.5	0.5293	0.5339	0.4100	0.1470	0.7345	0.6950	0.9869	0.9570
35.6	0.6014	0.7098	0.4940	0.2004	0.8148	0.6959	0.9917	0.9598
35.7	0.6083	0.7645	0.5077	0.2971	0.8096	0.6808	0.9913	0.9619
35.8	0.7223	0.8025	0.5916	0.3307	0.8225	0.7436	0.9929	0.9734
35.9	0.7641	0.7725	0.5659	0.2720	0.7703	0.7372	0.9912	0.9663
36.0	0.6912	0.8049	0.5177	0.2597	0.7269	0.6637	0.9906	0.9568
36.1	0.8352	0.8847	0.6604	0.3940	0.7985	0.7413	0.9915	0.9759
36.2	0.8727	0.9124	0.7252	0.3914	0.8009	0.7891	0.9933	0.9790
36.3	0.8372	0.9159	0.6532	0.4388	0.8040	0.7089	0.9921	0.9716
36.4	0.8524	0.9224	0.6775	0.4188	0.7765	0.6595	0.9917	0.9661
36.5	0.8829	0.9416	0.7544	0.4625	0.8317	0.7295	0.9943	0.9729
36.6	0.9128	0.9431	0.8086	0.4487	0.8269	0.7612	0.9939	0.9753
36.7	0.9307	0.9667	0.8737	0.4714	0.8702	0.7980	0.9951	0.9815
36.8	0.9380	0.9697	0.8712	0.5769	0.8693	0.7737	0.9940	0.9831
36.9	0.9389	0.9574	0.8438	0.5431	0.8282	0.7337	0.9927	0.9759
37.0	0.9475	0.9648	0.8582	0.6210	0.8456	0.8053	0.9946	0.9827
37.1	0.9368	0.9577	0.8316	0.5496	0.8355	0.7809	0.9937	0.9809
37.2	0.9533	0.9528	0.8165	0.5983	0.8273	0.7436	0.9929	0.9780
37.3	0.9451	0.9634	0.8436	0.6832	0.8630	0.7356	0.9929	0.9801
37.4	0.9225	0.9622	0.7967	0.3008	0.8602	0.8179	0.9927	0.9814
37.5	0.9623	0.9586	0.8563	0.6503	0.8635	0.8249	0.9944	0.9831
37.6	0.9702	0.9678	0.8560	0.7304	0.8783	0.8136	0.9937	0.9832
37.7	0.9759	0.9728	0.8642	0.7667	0.9023	0.8372	0.9950	0.9827
37.8	0.9699	0.9753	0.8619	0.8404	0.9155	0.8272	0.9951	0.9852
37.9	0.9697	0.9700	0.8932	0.8741	0.9016	0.8597	0.9942	0.9882
38.0	0.9725	0.9633	0.8495	0.8232	0.8741	0.8027	0.9924	0.9843
38.1	0.9633	0.9512	0.8163	0.8160	0.8617	0.8243	0.9910	0.9815
38.2	0.9738	0.9618	0.7901	0.8445	0.8891	0.8669	0.9923	0.9865
38.3	0.9793	0.9692	0.7321	0.8168	0.8732	0.8618	0.9922	0.9841
38.4	0.9832	0.9597	0.7743	0.7988	0.8629	0.8610	0.9923	0.9837
38.5	0.9775	0.9535	0.7513	0.7718	0.8732	0.8450	0.9910	0.9822
38.6	0.9813	0.9644	0.7960	0.7500	0.8964	0.9036	0.9931	0.9868
38.7	0.9818	0.9508	0.7999	0.7224	0.8747	0.8819	0.9933	0.9840
38.8	0.9724	0.9332	0.7732	0.6879	0.8679	0.8370	0.9930	0.9805
38.9	0.9785	0.9457	0.8019	0.7067	0.8883	0.8579	0.9921	0.9825
39.0	0.9796	0.9372	0.7886	0.6218	0.8494	0.8590	0.9913	0.9802
39.1	0.9816	0.9459	0.8363	0.6248	0.8749	0.8962	0.9917	0.9868
39.2	0.9722	0.9195	0.8490	0.5179	0.8732	0.8593	0.9891	0.9827
39.3	0.9785	0.9261	0.8294	0.4926	0.8764	0.8349	0.9918	0.9772
39.4	0.9782	0.9161	0.8378	0.3767	0.8970	0.8433	0.9904	0.9729
39.5	0.9656	0.8416	0.8028	0.2782	0.8237	0.7980	0.9890	0.9639
39.6	0.9720	0.8351	0.8315	0.3984	0.8610	0.8108	0.9913	0.9729
39.7	0.9677	0.7890	0.7615	0.3540	0.8163	0.8175	0.9897	0.9703
39.8	0.9659	0.7204	0.7413	0.2780	0.8072	0.7959	0.9891	0.9677
39.9	0.9558	0.6862	0.7988	0.4995	0.8454	0.7601	0.9905	0.9642
40.0	0.9544	0.6204	0.7956	0.5410	0.8183	0.7276	0.9892	0.9560
40.1	0.9500	0.5454	0.7626	0.4826	0.8125	0.7464	0.9899	0.9491
40.2	0.9246	0.4134	0.6940	0.4940	0.7442	0.6596	0.9834	0.9429
40.3	0.9414	0.4795	0.7271	0.6501	0.7919	0.7216	0.9868	0.9615
40.4	0.9356	0.2498	0.7027	0.6457	0.7881	0.6622	0.9884	0.9592
40.5	0.9207	0.1028	0.6640	0.6012	0.7950	0.6162	0.9893	0.9535
40.6	0.8911	0.1505	0.5720	0.5207	0.7631	0.6382	0.9879	0.9575
40.7	0.8883	0.2004	0.4944	0.5347	0.7351	0.6830	0.9870	0.9594
40.8	0.8980	0.2033	0.5975	0.6183	0.7793	0.7207	0.9853	0.9745
40.9	0.8817	0.1463	0.6206	0.6589	0.8179	0.6709	0.9886	0.9752
41.0	0.8275	0.0484	0.5233	0.5628	0.7227	0.5904	0.9844	0.9595
41.1	0.8563	0.0476	0.5670	0.6355	0.7414	0.6273	0.9857	0.9705
41.2	0.8323	0.0235	0.5931	0.6118	0.7838	0.6478	0.9911	0.9797
41.3	0.7903	0.0111	0.4288	0.5134	0.7208	0.6035	0.9849	0.9743
41.4	0.8175	0.0281	0.5029	0.5965	0.7537	0.5336	0.9843	0.9749
41.5	0.7902	0.0253	0.4697	0.4993	0.7361	0.5044	0.9853	0.9747
41.6	0.8221	0.0196	0.4570	0.5287	0.7972	0.6175	0.9864	0.9820
41.7	0.8432	0.0271	0.3985	0.5277	0.7791	0.5440	0.9887	0.9810
41.8	0.8446	0.0450	0.4295	0.5006	0.7860	0.5315	0.9875	0.9829
41.9	0.8696	0.0320	0.5423	0.5648	0.8004	0.6061	0.9916	0.9867
42.0	0.8543	0.1353	0.4861	0.4940	0.7502	0.5894	0.9920	0.9856
42.1	0.8191	0.2013	0.4002	0.3681	0.7635	0.5781	0.9903	0.9868
42.2	0.7498	0.2802	0.2443	0.2926	0.6989	0.5166	0.9884	0.9838
42.3	0.7367	0.1612	0.3041	0.2985	0.6460	0.5442	0.9847	0.9845

42.4	0.7950	0.3051	0.4061	0.3983	0.7526	0.6393	0.9921	0.9896
42.5	0.6993	0.2950	0.3514	0.3291	0.7365	0.5992	0.9902	0.9884
42.6	0.6166	0.2491	0.2200	0.2055	0.6046	0.4996	0.9893	0.9819
42.7	0.5516	0.1005	0.2016	0.1430	0.6174	0.5067	0.9894	0.9793
42.8	0.5852	0.2081	0.1567	0.0540	0.6991	0.4815	0.9912	0.9840
42.9	0.5938	0.1893	0.1821	0.0922	0.7025	0.5389	0.9923	0.9879
43.0	0.5945	0.2287	0.2583	0.1184	0.6673	0.5730	0.9922	0.9860
43.1	0.6345	0.2864	0.2290	0.1745	0.6712	0.5689	0.9934	0.9839
43.2	0.6506	0.2281	0.4042	0.2112	0.6645	0.6067	0.9924	0.9885
43.3	0.5392	0.3124	0.2125	0.0545	0.6722	0.5202	0.9921	0.9856
43.4	0.3737	0.3075	0.0782	0.0104	0.6731	0.5356	0.9909	0.9879
43.5	0.3819	0.3984	0.1044	0.0239	0.6141	0.4014	0.9888	0.9855
43.6	0.3205	0.4491	0.0676	0.0692	0.6802	0.3126	0.9884	0.9876
43.7	0.2721	0.3332	0.1033	0.0463	0.6735	0.3929	0.9912	0.9880
43.8	0.1791	0.2613	0.0539	0.0193	0.5617	0.3937	0.9888	0.9821
43.9	0.2040	0.3719	0.0328	0.0815	0.6259	0.4571	0.9902	0.9911
44.0	0.2884	0.4157	0.0121	0.0586	0.6662	0.4768	0.9917	0.9910
44.1	0.2724	0.3419	0.0430	0.0284	0.5875	0.4618	0.9906	0.9878
44.2	0.2337	0.3187	0.0277	0.0050	0.5951	0.5025	0.9913	0.9874
44.3	0.2036	0.2936	0.0643	0.0445	0.6172	0.4375	0.9901	0.9877
44.4	0.1569	0.1750	0.0537	0.0689	0.6006	0.3681	0.9884	0.9807
44.5	0.0540	0.1075	0.0297	0.0575	0.5677	0.3324	0.9815	0.9792
44.6	0.0972	0.0831	0.0522	0.0430	0.4855	0.3301	0.9812	0.9786
44.7	0.1322	0.1884	0.0484	0.0738	0.5353	0.3728	0.9855	0.9873
44.8	0.1161	0.1105	0.0534	0.0811	0.5747	0.4627	0.9862	0.9843
44.9	0.0700	0.1296	0.0153	0.0800	0.5628	0.3898	0.9873	0.9877
45.0	0.0430	0.2037	0.0701	0.1725	0.5387	0.3000	0.9835	0.9843
45.1	0.0245	0.2254	0.0158	0.1197	0.5319	0.3051	0.9847	0.9835
45.2	0.0888	0.2246	0.0294	0.0744	0.5701	0.3432	0.9885	0.9853
45.3	0.0411	0.1393	0.0199	0.0573	0.5772	0.3677	0.9873	0.9835
45.4	0.0670	0.0371	0.0417	0.0131	0.4707	0.4765	0.9825	0.9784
45.5	0.1483	0.0025	0.0774	0.0045	0.3474	0.4990	0.9808	0.9804
45.6	0.1943	0.1427	0.1169	0.1097	0.4499	0.4063	0.9866	0.9812
45.7	0.1287	0.3503	0.1268	0.2415	0.6123	0.4131	0.9903	0.9890
45.8	0.0097	0.2436	0.0208	0.1053	0.5799	0.3547	0.9855	0.9814
45.9	0.0505	0.1293	0.0427	0.0799	0.5313	0.3017	0.9827	0.9773
46.0	0.0445	0.1842	0.0545	0.0961	0.5820	0.3966	0.9867	0.9814
46.1	0.0166	0.1378	0.0177	0.0611	0.5552	0.4232	0.9849	0.9813
46.2	0.0068	0.1359	0.0247	0.0984	0.5400	0.3468	0.9840	0.9754
46.3	0.0349	0.1188	0.0523	0.0914	0.4627	0.2776	0.9796	0.9660
46.4	0.0854	0.2239	0.1223	0.1577	0.5035	0.3203	0.9796	0.9719
46.5	0.1693	0.2890	0.2052	0.1674	0.4543	0.4229	0.9830	0.9694
46.6	0.0582	0.2824	0.1560	0.2248	0.5530	0.2618	0.9782	0.9695
46.7	0.0056	0.2190	0.0405	0.1383	0.5313	0.2833	0.9783	0.9757
46.8	0.0032	0.2318	0.0353	0.1208	0.5124	0.3855	0.9796	0.9763
46.9	0.0368	0.2356	0.0921	0.1401	0.5323	0.4016	0.9848	0.9757
47.0	0.0176	0.2871	0.0823	0.1837	0.5527	0.4373	0.9835	0.9804
47.1	0.0260	0.3341	0.1441	0.1772	0.5450	0.4800	0.9834	0.9825
47.2	0.0157	0.3408	0.0893	0.2025	0.4709	0.2559	0.9755	0.9707
47.3	0.0637	0.4783	0.0882	0.3193	0.6185	0.3169	0.9858	0.9738
47.4	0.1540	0.4553	0.0718	0.2693	0.6359	0.4620	0.9905	0.9754
47.5	0.0924	0.4298	0.0695	0.1984	0.4924	0.3405	0.9846	0.9616
47.6	0.1936	0.5339	0.0760	0.1123	0.5678	0.5120	0.9883	0.9739
47.7	0.1472	0.5466	0.1763	0.1977	0.6085	0.4968	0.9841	0.9716
47.8	0.0332	0.6666	0.3265	0.4648	0.6636	0.2780	0.9812	0.9654
47.9	0.0119	0.5862	0.1508	0.3433	0.6386	0.4395	0.9826	0.9724
48.0	0.1524	0.6550	0.2872	0.4497	0.5967	0.4727	0.9819	0.9778
48.1	0.0853	0.6717	0.2352	0.3591	0.5614	0.4254	0.9789	0.9616
48.2	0.1116	0.6780	0.2015	0.3595	0.5493	0.3696	0.9786	0.9554
48.3	0.1188	0.6116	0.1227	0.2786	0.4893	0.4064	0.9741	0.9474
48.4	0.0922	0.5965	0.1462	0.3228	0.5267	0.4217	0.9726	0.9572
48.5	0.2460	0.5958	0.1287	0.3211	0.4819	0.4033	0.9735	0.9514
48.6	0.2803	0.5825	0.0388	0.2600	0.4098	0.5247	0.9729	0.9536
48.7	0.3061	0.6679	0.0794	0.3491	0.5558	0.5277	0.9796	0.9640
48.8	0.3723	0.6837	0.1690	0.3188	0.5296	0.4318	0.9786	0.9531
48.9	0.2156	0.7270	0.2358	0.4350	0.5962	0.3720	0.9798	0.9433
49.0	0.2637	0.7971	0.4067	0.5736	0.6633	0.3737	0.9844	0.9513
49.1	0.2883	0.7696	0.3029	0.4944	0.6275	0.4609	0.9839	0.9506
49.2	0.3223	0.7745	0.3521	0.4754	0.5675	0.2983	0.9816	0.9287
49.3	0.2618	0.6230	0.2065	0.2642	0.4928	0.3690	0.9797	0.9192
49.4	0.1102	0.7423	0.2639	0.4819	0.5834	0.5041	0.9849	0.9471
49.5	0.0996	0.7192	0.2008	0.4190	0.5054	0.4902	0.9837	0.9396
49.6	0.3757	0.7789	0.3228	0.4499	0.6604	0.5153	0.9882	0.9465
49.7	0.2736	0.7891	0.4638	0.5641	0.7219	0.5004	0.9905	0.9528
49.8	0.1297	0.6886	0.3407	0.4202	0.6482	0.4500	0.9872	0.9415
49.9	0.0238	0.6195	0.2552	0.3327	0.6281	0.4306	0.9871	0.9200
50.0	0.0132	0.6980	0.2307	0.3809	0.5397	0.4206	0.9829	0.9094
50.1	0.0240	0.7938	0.3478	0.4777	0.5828	0.4773	0.9858	0.9143
50.2	0.0438	0.6451	0.1685	0.2410	0.5540	0.3734	0.9840	0.8839
50.3	0.0519	0.6324	0.2312	0.3117	0.6005	0.4374	0.9842	0.9110
50.4	0.0413	0.7706	0.3905	0.4952	0.6593	0.4911	0.9893	0.9213
50.5	0.1535	0.7959	0.3181	0.3540	0.7225	0.3954	0.9900	0.9197
50.6	0.0433	0.7970	0.3702	0.4237	0.7370	0.4596	0.9906	0.9260
50.7	0.0445	0.8215	0.4119	0.4479	0.7546	0.4464	0.9900	0.9158
50.8	0.0327	0.8407	0.4942	0.5214	0.8064	0.5283	0.9930	0.9403
50.9	0.0596	0.8463	0.4969	0.4978	0.8159	0.3900	0.9908	0.9226

51.0	0.0134	0.7814	0.4161	0.4407	0.7918	0.4402	0.9921	0.9024
51.1	0.0062	0.8267	0.4553	0.4942	0.7539	0.5136	0.9924	0.9136
51.2	0.0184	0.7692	0.3598	0.3596	0.7071	0.4028	0.9883	0.8674
51.3	0.0234	0.7095	0.2876	0.3189	0.7162	0.5031	0.9932	0.9055
51.4	0.0179	0.7586	0.3720	0.3855	0.7338	0.4906	0.9930	0.9035
51.5	0.0687	0.7708	0.2635	0.2512	0.7571	0.4447	0.9932	0.8945
51.6	0.0786	0.6513	0.2068	0.2035	0.7498	0.4183	0.9905	0.8847
51.7	0.1803	0.7079	0.2096	0.1902	0.7766	0.4530	0.9896	0.9027
51.8	0.1684	0.7309	0.3099	0.2464	0.8436	0.5234	0.9908	0.9040
51.9	0.0604	0.7844	0.3569	0.2780	0.8329	0.5775	0.9882	0.9077
52.0	0.0892	0.7969	0.3202	0.2470	0.8202	0.5660	0.9856	0.9095
52.1	0.1061	0.6354	0.1390	0.1020	0.7892	0.5629	0.9873	0.8861
52.2	0.1042	0.6067	0.0722	0.0410	0.8117	0.4951	0.9857	0.8604
52.3	0.1016	0.6583	0.0933	0.0749	0.8555	0.5438	0.9859	0.8869
52.4	0.0897	0.4857	0.0384	0.0209	0.8253	0.5501	0.9853	0.8686
52.5	0.1443	0.5784	0.0655	0.0300	0.8397	0.6138	0.9823	0.9059
52.6	0.0321	0.5719	0.1383	0.0912	0.8085	0.6271	0.9748	0.8766
52.7	0.0179	0.5353	0.1013	0.0551	0.8360	0.5955	0.9790	0.8649
52.8	0.0108	0.6421	0.1879	0.1341	0.8325	0.6598	0.9790	0.8884
52.9	0.0009	0.5344	0.1456	0.0818	0.7923	0.6029	0.9704	0.8398
53.0	0.0066	0.3864	0.0780	0.0296	0.7971	0.5751	0.9696	0.8264
53.1	0.1362	0.4798	0.2402	0.1456	0.7323	0.6182	0.9577	0.8498
53.2	0.1981	0.4223	0.1170	0.0439	0.8578	0.7162	0.9694	0.8885
53.3	0.1444	0.2796	0.0118	0.0184	0.8402	0.7098	0.9673	0.8729
53.4	0.3409	0.1935	0.0717	0.1306	0.8748	0.6959	0.9668	0.8717
53.5	0.3097	0.2071	0.0311	0.1569	0.8944	0.7386	0.9744	0.8679
53.6	0.1903	0.3135	0.0019	0.0906	0.8485	0.7700	0.9728	0.8798
53.7	0.1969	0.2299	0.0071	0.1025	0.8381	0.7827	0.9635	0.8659
53.8	0.3119	0.2034	0.0933	0.2786	0.8457	0.7529	0.9650	0.8123
53.9	0.3866	0.3518	0.1943	0.4164	0.8808	0.7995	0.9741	0.8078
54.0	0.2703	0.2780	0.1069	0.3080	0.8748	0.7839	0.9537	0.7987
54.1	0.1659	0.4148	0.1272	0.2952	0.8849	0.8092	0.9510	0.7800
54.2	0.0403	0.5119	0.1371	0.2496	0.8676	0.8046	0.9554	0.7956
54.3	0.0773	0.3158	0.0171	0.1415	0.8394	0.7700	0.9159	0.6735
54.4	0.1253	0.2994	0.0501	0.1984	0.8523	0.7745	0.9211	0.6258
54.5	0.1770	0.3545	0.0965	0.2793	0.8678	0.7891	0.9364	0.6006
54.6	0.3652	0.4188	0.2355	0.4392	0.9041	0.7985	0.9483	0.6092
54.7	0.3640	0.5592	0.2142	0.5241	0.9311	0.8767	0.9609	0.8015
54.8	0.1219	0.3628	0.0036	0.1870	0.9077	0.8283	0.9506	0.6847
54.9	0.1447	0.1764	0.0385	0.1792	0.8739	0.7940	0.9159	0.5488
55.0	0.2807	0.3453	0.1086	0.3731	0.9422	0.8685	0.9523	0.6889
55.1	0.3501	0.3496	0.1976	0.4356	0.9285	0.8355	0.9477	0.5947
55.2	0.4680	0.5565	0.3731	0.5916	0.9347	0.8501	0.9536	0.5311
55.3	0.4441	0.4781	0.3614	0.5343	0.9205	0.8041	0.9172	0.4339
55.4	0.5011	0.5805	0.4265	0.6003	0.9300	0.8232	0.9268	0.4436
55.5	0.5220	0.7150	0.4768	0.6967	0.9424	0.9005	0.9454	0.6323
55.6	0.4008	0.5767	0.3261	0.5861	0.9380	0.8839	0.9344	0.4640
55.7	0.5436	0.6922	0.4873	0.6948	0.9496	0.9193	0.9330	0.5504
55.8	0.7002	0.7945	0.6676	0.7993	0.9507	0.8979	0.9091	0.4233
55.9	0.6912	0.7922	0.6758	0.7909	0.9523	0.8878	0.9165	0.3387
56.0	0.6625	0.7794	0.6488	0.7714	0.9545	0.8653	0.8885	0.3187
56.1	0.6808	0.8025	0.6653	0.7929	0.9525	0.8847	0.8838	0.2293
56.2	0.7239	0.8211	0.7259	0.8243	0.9463	0.8854	0.8704	0.5103
56.3	0.7530	0.8422	0.7545	0.8406	0.9416	0.8749	0.8640	0.5372
56.4	0.7979	0.8680	0.8025	0.8600	0.9357	0.8817	0.8083	0.6828
56.5	0.7934	0.8648	0.8017	0.8600	0.9346	0.8804	0.7780	0.7265
56.6	0.7920	0.8648	0.8030	0.8541	0.9379	0.8878	0.7553	0.7397
56.7	0.8460	0.9034	0.8500	0.8925	0.9532	0.9142	0.7553	0.8098
56.8	0.8538	0.9098	0.8640	0.9038	0.9540	0.9049	0.7623	0.8295
56.9	0.8352	0.8891	0.8506	0.8783	0.9305	0.9088	0.6169	0.8403
57.0	0.8426	0.9022	0.8577	0.8912	0.9346	0.9169	0.6119	0.8605
57.1	0.8438	0.9046	0.8606	0.8946	0.9287	0.9159	0.5019	0.8527
57.2	0.8744	0.9196	0.8850	0.9111	0.9175	0.9248	0.3373	0.8906
57.3	0.8240	0.8809	0.8336	0.8670	0.8894	0.9251	0.2108	0.8799
57.4	0.8637	0.8976	0.8700	0.8915	0.9002	0.9129	0.2030	0.8785
57.5	0.8755	0.9064	0.8764	0.8975	0.9232	0.9254	0.1136	0.8964
57.6	0.8787	0.9094	0.8822	0.8989	0.9065	0.9468	0.0472	0.9180
57.7	0.8812	0.9119	0.8847	0.8977	0.9055	0.9476	0.0052	0.9165
57.8	0.9071	0.9298	0.9085	0.9241	0.9104	0.9550	0.0246	0.9339
57.9	0.9099	0.9252	0.9092	0.9228	0.9147	0.9590	0.0756	0.9298
58.0	0.8854	0.9036	0.8864	0.8985	0.8785	0.9575	0.1332	0.9178
58.1	0.8831	0.9012	0.8783	0.8928	0.8597	0.9556	0.1729	0.9257
58.2	0.8781	0.9040	0.8824	0.8958	0.8425	0.9564	0.2003	0.9289
58.3	0.9057	0.9180	0.9018	0.9082	0.8422	0.9647	0.3338	0.9438
58.4	0.9194	0.9259	0.9124	0.9240	0.8242	0.9769	0.5192	0.9536
58.5	0.9284	0.9359	0.9259	0.9293	0.8371	0.9791	0.5769	0.9575
58.6	0.9149	0.9206	0.9110	0.9155	0.8114	0.9721	0.5624	0.9518
58.7	0.9092	0.9006	0.8962	0.9047	0.8006	0.9657	0.6280	0.9432
58.8	0.9228	0.9222	0.9148	0.9202	0.7891	0.9728	0.6327	0.9444
58.9	0.9481	0.9481	0.9446	0.9471	0.8319	0.9825	0.6593	0.9680
59.0	0.9423	0.9400	0.9354	0.9408	0.7675	0.9789	0.7281	0.9656
59.1	0.9365	0.9307	0.9254	0.9341	0.6783	0.9766	0.8042	0.9619
59.2	0.9585	0.9537	0.9557	0.9552	0.7092	0.9864	0.8399	0.9740
59.3	0.9438	0.9370	0.9388	0.9387	0.6655	0.9794	0.7915	0.9691
59.4	0.9292	0.9168	0.9171	0.9228	0.5965	0.9759	0.8075	0.9552
59.5	0.9464	0.9313	0.9327	0.9330	0.5948	0.9831	0.8081	0.9636

59.6	0.9482	0.9255	0.9303	0.9357	0.5049	0.9851	0.8129	0.9724
59.7	0.9416	0.9209	0.9313	0.9284	0.4395	0.9821	0.7996	0.9648
59.8	0.9566	0.9393	0.9428	0.9424	0.4630	0.9859	0.8198	0.9731
59.9	0.9461	0.9277	0.9323	0.9317	0.2790	0.9743	0.7648	0.9440
60.0	0.8227	0.6806	0.6372	0.5656	0.0580	0.5897	0.2474	0.2528
60.1	0.9487	0.9225	0.9273	0.9225	0.3583	0.9766	0.7943	0.9460
60.2	0.9497	0.9213	0.9328	0.9299	0.3451	0.9838	0.8157	0.9647
60.3	0.9527	0.9289	0.9390	0.9379	0.3228	0.9815	0.8204	0.9652
60.4	0.9383	0.9092	0.9179	0.9147	0.3440	0.9785	0.7676	0.9620
60.5	0.9643	0.9416	0.9488	0.9438	0.3443	0.9898	0.8053	0.9763
60.6	0.9490	0.9192	0.9310	0.9303	0.3265	0.9819	0.8027	0.9602
60.7	0.9525	0.9272	0.9344	0.9336	0.3219	0.9803	0.7836	0.9623
60.8	0.9572	0.9313	0.9422	0.9391	0.3065	0.9835	0.8273	0.9692
60.9	0.9587	0.9241	0.9398	0.9317	0.4845	0.9857	0.8255	0.9637
61.0	0.9634	0.9388	0.9488	0.9454	0.5344	0.9893	0.8749	0.9720
61.1	0.9630	0.9317	0.9442	0.9415	0.3589	0.9865	0.8024	0.9694
61.2	0.9617	0.9349	0.9402	0.9379	0.5178	0.9867	0.8043	0.9737
61.3	0.9637	0.9317	0.9432	0.9404	0.6551	0.9853	0.8643	0.9706
61.4	0.9389	0.8879	0.9088	0.8988	0.5352	0.9787	0.7932	0.9546
61.5	0.9545	0.9139	0.9269	0.9268	0.6660	0.9828	0.8590	0.9631
61.6	0.9660	0.9263	0.9424	0.9404	0.7257	0.9837	0.8890	0.9641
61.7	0.9574	0.9170	0.9330	0.9309	0.5949	0.9817	0.8170	0.9614
61.8	0.9435	0.9028	0.9179	0.9174	0.4646	0.9748	0.8086	0.9554
61.9	0.9532	0.9221	0.9369	0.9330	0.5601	0.9765	0.8657	0.9605
62.0	0.9571	0.9328	0.9473	0.9430	0.6302	0.9845	0.8837	0.9716
62.1	0.9550	0.9332	0.9420	0.9400	0.6284	0.9856	0.8929	0.9700
62.2	0.9682	0.9454	0.9554	0.9503	0.7008	0.9856	0.9124	0.9693
62.3	0.9604	0.9373	0.9494	0.9452	0.6406	0.9803	0.9151	0.9647
62.4	0.9598	0.9460	0.9551	0.9502	0.5796	0.9813	0.9146	0.9699
62.5	0.9672	0.9549	0.9601	0.9572	0.6179	0.9850	0.9352	0.9767
62.6	0.9660	0.9531	0.9593	0.9557	0.6092	0.9873	0.9457	0.9758
62.7	0.9674	0.9512	0.9540	0.9533	0.6615	0.9886	0.9326	0.9721
62.8	0.9639	0.9507	0.9565	0.9528	0.6894	0.9882	0.9304	0.9753
62.9	0.9591	0.9466	0.9528	0.9494	0.7069	0.9883	0.9260	0.9718
63.0	0.9601	0.9433	0.9523	0.9434	0.7162	0.9866	0.9285	0.9700
63.1	0.9659	0.9499	0.9577	0.9543	0.7436	0.9876	0.9337	0.9734
63.2	0.9595	0.9468	0.9501	0.9500	0.7459	0.9858	0.9410	0.9710
63.3	0.9708	0.9596	0.9628	0.9609	0.8190	0.9890	0.9548	0.9775
63.4	0.9719	0.9669	0.9698	0.9658	0.8531	0.9900	0.9632	0.9819
63.5	0.9637	0.9519	0.9584	0.9534	0.8128	0.9852	0.9621	0.9727
63.6	0.9681	0.9575	0.9615	0.9620	0.7936	0.9880	0.9653	0.9748
63.7	0.9750	0.9676	0.9694	0.9694	0.8592	0.9927	0.9715	0.9777
63.8	0.9774	0.9687	0.9748	0.9703	0.8822	0.9898	0.9717	0.9761
63.9	0.9617	0.9432	0.9485	0.9497	0.8539	0.9866	0.9654	0.9697
64.0	0.9661	0.9525	0.9544	0.9539	0.8584	0.9875	0.9623	0.9728
64.1	0.9611	0.9449	0.9532	0.9546	0.8631	0.9873	0.9575	0.9679
64.2	0.9615	0.9435	0.9442	0.9463	0.8721	0.9860	0.9627	0.9686
64.3	0.9712	0.9621	0.9641	0.9656	0.9061	0.9883	0.9667	0.9740
64.4	0.9718	0.9544	0.9631	0.9608	0.8899	0.9873	0.9728	0.9793
64.5	0.9591	0.9404	0.9458	0.9475	0.8744	0.9884	0.9655	0.9765
64.6	0.9631	0.9448	0.9492	0.9476	0.9044	0.9893	0.9651	0.9729
64.7	0.9725	0.9520	0.9593	0.9595	0.9281	0.9887	0.9738	0.9790
64.8	0.9766	0.9611	0.9649	0.9693	0.9382	0.9897	0.9789	0.9789
64.9	0.9759	0.9563	0.9618	0.9638	0.9347	0.9905	0.9830	0.9810
65.0	0.9734	0.9460	0.9614	0.9632	0.9371	0.9893	0.9807	0.9767
65.1	0.9720	0.9452	0.9553	0.9538	0.9282	0.9921	0.9740	0.9754
65.2	0.9647	0.9305	0.9470	0.9554	0.9124	0.9886	0.9651	0.9657
65.3	0.9657	0.9385	0.9505	0.9530	0.9394	0.9881	0.9655	0.9759
65.4	0.9772	0.9576	0.9632	0.9657	0.9597	0.9904	0.9699	0.9707
65.5	0.9790	0.9536	0.9614	0.9646	0.9560	0.9905	0.9749	0.9713
65.6	0.9779	0.9530	0.9612	0.9670	0.9589	0.9914	0.9755	0.9757
65.7	0.9780	0.9479	0.9616	0.9646	0.9626	0.9906	0.9695	0.9672
65.8	0.9722	0.9439	0.9512	0.9528	0.9544	0.9910	0.9702	0.9653
65.9	0.9751	0.9380	0.9475	0.9608	0.9553	0.9883	0.9718	0.9585
66.0	0.9687	0.9248	0.9441	0.9479	0.9554	0.9870	0.9660	0.9508
66.1	0.9791	0.9417	0.9599	0.9684	0.9686	0.9922	0.9790	0.9595
66.2	0.9826	0.9533	0.9667	0.9618	0.9686	0.9922	0.9795	0.9651
66.3	0.9750	0.9304	0.9458	0.9591	0.9659	0.9892	0.9773	0.9341
66.4	0.9613	0.9112	0.9333	0.9416	0.9613	0.9869	0.9566	0.8853
66.5	0.9673	0.9051	0.9328	0.9491	0.9636	0.9890	0.9455	0.9061
66.6	0.9699	0.9310	0.9359	0.9540	0.9636	0.9869	0.9616	0.9022
66.7	0.9632	0.9257	0.9348	0.9580	0.9662	0.9864	0.9512	0.8869
66.8	0.9554	0.9008	0.9288	0.9385	0.9674	0.9898	0.9454	0.8999
66.9	0.9601	0.9076	0.9295	0.9412	0.9640	0.9894	0.9470	0.8842
67.0	0.9681	0.9113	0.9329	0.9429	0.9667	0.9891	0.9501	0.8577
67.1	0.9694	0.9324	0.9450	0.9525	0.9731	0.9924	0.9558	0.9062
67.2	0.9685	0.9174	0.9499	0.9464	0.9742	0.9908	0.9574	0.9044
67.3	0.9596	0.8970	0.9188	0.9385	0.9694	0.9877	0.9355	0.8053
67.4	0.9598	0.9125	0.9272	0.9276	0.9766	0.9908	0.9499	0.8787
67.5	0.9671	0.9166	0.9274	0.9497	0.9804	0.9911	0.9554	0.8510
67.6	0.9448	0.8834	0.9088	0.9374	0.9728	0.9872	0.9512	0.8088
67.7	0.9685	0.9263	0.9322	0.9413	0.9821	0.9906	0.9677	0.8830
67.8	0.9598	0.9073	0.9268	0.9388	0.9797	0.9881	0.9613	0.8604
67.9	0.9605	0.9032	0.9239	0.9271	0.9817	0.9916	0.9617	0.8742
68.0	0.9660	0.9020	0.9186	0.9362	0.9834	0.9920	0.9627	0.8601
68.1	0.9675	0.9298	0.9384	0.9561	0.9885	0.9936	0.9730	0.8581

68.2	0.9613	0.9142	0.9116	0.9380	0.9858	0.9900	0.9660	0.8202
68.3	0.9538	0.8911	0.9133	0.9276	0.9806	0.9877	0.9583	0.8516
68.4	0.9546	0.8875	0.9103	0.9293	0.9836	0.9885	0.9626	0.8841
68.5	0.9397	0.8294	0.8754	0.9056	0.9790	0.9851	0.9411	0.7912
68.6	0.9472	0.8670	0.8885	0.9180	0.9767	0.9867	0.9537	0.7747
68.7	0.9461	0.8859	0.9143	0.9413	0.9769	0.9887	0.9555	0.8085
68.8	0.9457	0.8932	0.9075	0.9099	0.9766	0.9883	0.9461	0.8066
68.9	0.9570	0.8862	0.9221	0.9317	0.9796	0.9889	0.9564	0.7904
69.0	0.9535	0.8908	0.9241	0.9198	0.9806	0.9884	0.9513	0.8491
69.1	0.9237	0.8656	0.8667	0.8870	0.9822	0.9843	0.9365	0.7798
69.2	0.9358	0.8830	0.9008	0.9175	0.9834	0.9853	0.9582	0.8154
69.3	0.9287	0.8829	0.8626	0.9026	0.9816	0.9859	0.9542	0.8049
69.4	0.9390	0.8631	0.9000	0.8957	0.9800	0.9861	0.9556	0.8461
69.5	0.9446	0.8935	0.9095	0.9110	0.9862	0.9897	0.9674	0.8469
69.6	0.9236	0.8558	0.8811	0.9024	0.9818	0.9812	0.9578	0.7685
69.7	0.9436	0.8853	0.9092	0.8797	0.9802	0.9780	0.9629	0.7604
69.8	0.9427	0.9113	0.9091	0.9090	0.9842	0.9834	0.9648	0.7919
69.9	0.9300	0.8778	0.8696	0.8850	0.9805	0.9844	0.9603	0.7853
70.0	0.9274	0.8520	0.8764	0.8665	0.9726	0.9838	0.9515	0.7376
70.1	0.9395	0.8815	0.8945	0.8840	0.9773	0.9840	0.9603	0.7665
70.2	0.9365	0.8493	0.8846	0.8765	0.9842	0.9813	0.9596	0.7802
70.3	0.9447	0.8548	0.9017	0.8754	0.9828	0.9803	0.9616	0.8230
70.4	0.9377	0.8416	0.8704	0.8525	0.9745	0.9711	0.9507	0.7730
70.5	0.9261	0.7966	0.8333	0.8184	0.9728	0.9747	0.9408	0.7822
70.6	0.9204	0.7975	0.8514	0.8329	0.9698	0.9806	0.9515	0.8141
70.7	0.9070	0.7722	0.8348	0.7904	0.9698	0.9762	0.9415	0.7824
70.8	0.9355	0.8238	0.9052	0.8253	0.9775	0.9829	0.9406	0.8486
70.9	0.9471	0.8458	0.9082	0.8455	0.9794	0.9821	0.9475	0.8744
71.0	0.9481	0.8500	0.8965	0.8628	0.9721	0.9838	0.9536	0.8487
71.1	0.9406	0.8470	0.8930	0.8459	0.9644	0.9819	0.9456	0.8234
71.2	0.9444	0.8487	0.8916	0.8392	0.9701	0.9835	0.9390	0.8796
71.3	0.9385	0.8402	0.8945	0.8396	0.9699	0.9830	0.9413	0.8426
71.4	0.9328	0.8354	0.8807	0.8766	0.9637	0.9813	0.9380	0.8355
71.5	0.9460	0.8468	0.8924	0.8459	0.9535	0.9831	0.9392	0.8657
71.6	0.9357	0.8751	0.8917	0.8661	0.9701	0.9836	0.9424	0.8732
71.7	0.9469	0.8852	0.9037	0.8875	0.9699	0.9858	0.9524	0.8842
71.8	0.9538	0.9120	0.9194	0.8661	0.9559	0.9877	0.9560	0.8870
71.9	0.9464	0.8645	0.8912	0.8254	0.9577	0.9879	0.9346	0.8881
72.0	0.9388	0.8636	0.8915	0.8227	0.9558	0.9879	0.9397	0.8717
72.1	0.9343	0.8365	0.8435	0.8245	0.9298	0.9826	0.9308	0.8689
72.2	0.9420	0.8666	0.8989	0.8464	0.9389	0.9843	0.9388	0.8869
72.3	0.9493	0.8752	0.9113	0.8270	0.9529	0.9876	0.9412	0.8974
72.4	0.9364	0.8712	0.9014	0.8374	0.9405	0.9886	0.9386	0.8942
72.5	0.9466	0.8710	0.8817	0.8663	0.9491	0.9898	0.9457	0.9091
72.6	0.9415	0.8766	0.8849	0.8264	0.9464	0.9880	0.9497	0.8993
72.7	0.9431	0.9071	0.9056	0.8709	0.9597	0.9896	0.9601	0.9260
72.8	0.9513	0.8955	0.9039	0.8608	0.9528	0.9909	0.9591	0.9306
72.9	0.9625	0.9142	0.9192	0.8679	0.9525	0.9888	0.9632	0.9267
73.0	0.9548	0.9025	0.8888	0.8212	0.9492	0.9905	0.9546	0.9209
73.1	0.9310	0.8927	0.8734	0.8436	0.9519	0.9903	0.9418	0.9264
73.2	0.9229	0.8823	0.8816	0.7955	0.9361	0.9881	0.9434	0.9254
73.3	0.9215	0.8588	0.8697	0.7535	0.9356	0.9868	0.9299	0.9252
73.4	0.9302	0.8737	0.8851	0.8008	0.9436	0.9839	0.9343	0.9200
73.5	0.9432	0.8990	0.9011	0.8538	0.9500	0.9870	0.9565	0.9216
73.6	0.9544	0.9018	0.8986	0.8418	0.9336	0.9900	0.9636	0.9300
73.7	0.9476	0.8903	0.8865	0.8363	0.9349	0.9896	0.9571	0.9350
73.8	0.9624	0.9192	0.9050	0.8971	0.9341	0.9910	0.9706	0.9593
73.9	0.9502	0.8933	0.9114	0.8521	0.9334	0.9905	0.9628	0.9568
74.0	0.9363	0.8924	0.8810	0.8461	0.9237	0.9896	0.9547	0.9399
74.1	0.9355	0.8680	0.8634	0.8624	0.9326	0.9888	0.9491	0.9308
74.2	0.9496	0.8898	0.8908	0.8568	0.9476	0.9891	0.9522	0.9501
74.3	0.9453	0.8971	0.8583	0.8888	0.9381	0.9869	0.9560	0.9454
74.4	0.9272	0.8508	0.8857	0.8656	0.9118	0.9884	0.9433	0.9396
74.5	0.9308	0.8431	0.8531	0.8526	0.9357	0.9853	0.9392	0.9349
74.6	0.9091	0.8144	0.8475	0.8380	0.8989	0.9787	0.9264	0.9091
74.7	0.9363	0.8663	0.8971	0.8841	0.9329	0.9871	0.9506	0.9406
74.8	0.9576	0.9075	0.9211	0.9245	0.9549	0.9919	0.9704	0.9668
74.9	0.9668	0.9123	0.9265	0.9176	0.9534	0.9911	0.9711	0.9709
75.0	0.9559	0.8778	0.9090	0.9092	0.9553	0.9894	0.9596	0.9733
75.1	0.9408	0.8646	0.9148	0.8938	0.9371	0.9866	0.9473	0.9613
75.2	0.9444	0.8526	0.9033	0.8996	0.9235	0.9808	0.9502	0.9436
75.3	0.9691	0.8709	0.9333	0.9223	0.9620	0.9867	0.9701	0.9620
75.4	0.9601	0.8357	0.9275	0.9299	0.9636	0.9873	0.9613	0.9626
75.5	0.9520	0.8386	0.9213	0.9095	0.9408	0.9832	0.9556	0.9627
75.6	0.9368	0.8484	0.8857	0.8879	0.9412	0.9844	0.9433	0.9576
75.7	0.9640	0.8943	0.9359	0.9393	0.9601	0.9877	0.9647	0.9738
75.8	0.9505	0.9006	0.9234	0.9185	0.9528	0.9890	0.9565	0.9710
75.9	0.9505	0.8650	0.9211	0.8842	0.9496	0.9854	0.9550	0.9685
76.0	0.9598	0.8822	0.9461	0.9247	0.9491	0.9843	0.9629	0.9729
76.1	0.9644	0.9236	0.9414	0.9367	0.9447	0.9812	0.9710	0.9741
76.2	0.9657	0.9017	0.9392	0.9354	0.9526	0.9869	0.9719	0.9770
76.3	0.9514	0.8750	0.9257	0.9215	0.9435	0.9839	0.9614	0.9736
76.4	0.9530	0.8557	0.9153	0.9102	0.9423	0.9824	0.9506	0.9688
76.5	0.9616	0.8851	0.9333	0.9251	0.9589	0.9839	0.9624	0.9746
76.6	0.9655	0.9077	0.9456	0.9340	0.9567	0.9854	0.9678	0.9800
76.7	0.9600	0.8851	0.9275	0.9373	0.9506	0.9830	0.9611	0.9775

76.8	0.9660	0.8715	0.9427	0.9280	0.9685	0.9852	0.9708	0.9762
76.9	0.9664	0.9202	0.9486	0.9374	0.9607	0.9839	0.9714	0.9765
77.0	0.9596	0.8571	0.9278	0.9192	0.9467	0.9790	0.9586	0.9719
77.1	0.9573	0.8345	0.9149	0.9271	0.9614	0.9724	0.9564	0.9657
77.2	0.9437	0.8661	0.9018	0.8905	0.9292	0.9766	0.9710	0.9627
77.3	0.9651	0.9051	0.9457	0.9278	0.9522	0.9753	0.9722	0.9697
77.4	0.9651	0.9176	0.9277	0.9409	0.9660	0.9743	0.9724	0.9699
77.5	0.9603	0.9028	0.9229	0.9196	0.9662	0.9835	0.9778	0.9765
77.6	0.9536	0.8675	0.9198	0.9128	0.9511	0.9736	0.9691	0.9690
77.7	0.9545	0.8691	0.9200	0.9142	0.9656	0.9784	0.9738	0.9743
77.8	0.9612	0.8864	0.9266	0.9285	0.9654	0.9740	0.9766	0.9740
77.9	0.9501	0.8706	0.9053	0.9182	0.9587	0.9681	0.9660	0.9689
78.0	0.9430	0.8400	0.8940	0.9097	0.9489	0.9606	0.9689	0.9654
78.1	0.9442	0.8108	0.8510	0.8723	0.9496	0.9570	0.9692	0.9614
78.2	0.9209	0.7785	0.8653	0.8196	0.9197	0.9373	0.9610	0.9506
78.3	0.9246	0.8615	0.8241	0.8702	0.9425	0.9520	0.9779	0.9603
78.4	0.9485	0.8754	0.9012	0.9064	0.9564	0.9545	0.9775	0.9738
78.5	0.9442	0.8514	0.8990	0.8885	0.9515	0.9494	0.9755	0.9714
78.6	0.9325	0.8406	0.8686	0.8915	0.9452	0.9617	0.9755	0.9687
78.7	0.9350	0.8961	0.8718	0.8681	0.9621	0.9633	0.9779	0.9786
78.8	0.9357	0.8266	0.8500	0.8878	0.9441	0.9406	0.9775	0.9649
78.9	0.9490	0.8871	0.8796	0.9086	0.9631	0.9371	0.9759	0.9740
79.0	0.9285	0.8667	0.8094	0.8538	0.9594	0.9313	0.9779	0.9761
79.1	0.8899	0.8570	0.7294	0.7637	0.9525	0.8943	0.9730	0.9650
79.2	0.9137	0.8632	0.7917	0.7881	0.9597	0.9379	0.9820	0.9766
79.3	0.9022	0.8545	0.7686	0.7846	0.9439	0.9288	0.9817	0.9699
79.4	0.9206	0.8709	0.7798	0.8397	0.9593	0.9381	0.9839	0.9743
79.5	0.9236	0.8535	0.8053	0.8435	0.9538	0.9032	0.9825	0.9710
79.6	0.9028	0.8461	0.7301	0.7764	0.9571	0.9068	0.9784	0.9733
79.7	0.8797	0.8526	0.6962	0.7780	0.9542	0.8982	0.9804	0.9755
79.8	0.9026	0.8736	0.7602	0.7989	0.9561	0.9152	0.9843	0.9791
79.9	0.9029	0.8568	0.7363	0.7680	0.9644	0.8917	0.9825	0.9674
80.0	0.8357	0.8215	0.5704	0.6636	0.9627	0.8774	0.9849	0.9653

1.2.5 Run 2 – IP270 – NF and AF gauges

In-plane shaking at 270°. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9908	0.9908	0.9687	0.9989	0.8025	0.9133	0.9885	0.9448
0.1	0.8915	0.8782	0.5966	0.9865	0.3910	0.5693	0.8553	0.5436
0.2	0.0266	0.1110	0.9799	0.9818	0.0272	0.0112	0.0538	0.0405
0.3	0.0316	0.1440	0.9691	0.9709	0.0483	0.0082	0.0305	0.0089
0.4	0.0216	0.0937	0.8667	0.9068	0.0022	0.0006	0.0018	0.0614
0.5	0.2999	0.0415	0.9285	0.9342	0.0590	0.0227	0.2112	0.0097
0.6	0.5410	0.3694	0.9910	0.9890	0.4861	0.2140	0.5270	0.0588
0.7	0.7344	0.6476	0.9976	0.9972	0.6457	0.5069	0.7492	0.1728
0.8	0.8739	0.8723	0.9990	0.9990	0.8577	0.7318	0.9198	0.4648
0.9	0.8829	0.9343	0.9990	0.9994	0.9109	0.8457	0.9309	0.7121
1.0	0.7034	0.8684	0.9956	0.9985	0.7920	0.7627	0.7610	0.8139
1.1	0.8465	0.8607	0.9983	0.9994	0.8568	0.8297	0.8319	0.8469
1.2	0.6987	0.6889	0.9997	0.9998	0.6896	0.6605	0.6554	0.7189
1.3	0.4166	0.4591	0.9996	0.9996	0.4439	0.5055	0.4812	0.3001
1.4	0.4131	0.4750	0.9997	0.9998	0.4379	0.5870	0.5752	0.0822
1.5	0.3485	0.2491	0.9993	0.9994	0.3434	0.3016	0.2505	0.7234
1.6	0.8601	0.8229	0.9992	0.9992	0.8617	0.7901	0.7383	0.9394
1.7	0.9000	0.8977	0.9979	0.9981	0.9236	0.8469	0.7896	0.9620
1.8	0.9200	0.9296	0.9946	0.9953	0.9561	0.8864	0.8501	0.9712
1.9	0.9441	0.9509	0.9863	0.9883	0.9674	0.8943	0.8818	0.9473
2.0	0.9689	0.9646	0.9900	0.9916	0.9653	0.9462	0.9495	0.9362
2.1	0.9726	0.9690	0.9951	0.9958	0.9287	0.9102	0.9283	0.9192
2.2	0.8348	0.8268	0.9986	0.9987	0.6622	0.6381	0.6890	0.6499
2.3	0.4940	0.5114	0.9989	0.9990	0.4159	0.4013	0.3996	0.4257
2.4	0.2266	0.2729	0.9994	0.9994	0.3847	0.3979	0.3304	0.4116
2.5	0.7923	0.7482	0.9996	0.9996	0.5593	0.6472	0.3403	0.6564
2.6	0.9752	0.9778	0.9997	0.9997	0.4927	0.7421	0.0506	0.7214
2.7	0.9853	0.9897	0.9998	0.9998	0.1786	0.5490	0.7985	0.5952
2.8	0.9904	0.9912	0.9998	0.9998	0.8253	0.2341	0.9343	0.4723
2.9	0.9919	0.9926	0.9998	0.9998	0.9490	0.5873	0.9642	0.7128
3.0	0.9849	0.9881	0.9996	0.9997	0.9451	0.5125	0.9397	0.6774
3.1	0.9781	0.9828	0.9994	0.9995	0.9361	0.5524	0.9263	0.6152
3.2	0.9874	0.9893	0.9995	0.9996	0.9530	0.7922	0.9549	0.6851
3.3	0.9872	0.9877	0.9995	0.9996	0.9583	0.8696	0.9563	0.7888
3.4	0.9846	0.9854	0.9995	0.9996	0.9706	0.8800	0.9588	0.8385
3.5	0.9804	0.9799	0.9994	0.9995	0.9584	0.8593	0.9560	0.8713
3.6	0.9785	0.9740	0.9995	0.9996	0.9588	0.8295	0.9520	0.8414
3.7	0.9666	0.9662	0.9996	0.9996	0.9527	0.8253	0.9491	0.8179
3.8	0.9562	0.9662	0.9996	0.9997	0.9512	0.8170	0.9419	0.8221
3.9	0.9601	0.9566	0.9996	0.9996	0.9410	0.7895	0.9324	0.7207
4.0	0.9674	0.9630	0.9997	0.9997	0.9545	0.8457	0.9481	0.7490
4.1	0.9617	0.9682	0.9998	0.9997	0.9574	0.8369	0.9501	0.7384
4.2	0.9553	0.9658	0.9997	0.9997	0.9288	0.7630	0.9334	0.7242
4.3	0.9610	0.9605	0.9997	0.9997	0.9227	0.7554	0.9381	0.6928
4.4	0.9636	0.9651	0.9997	0.9997	0.9270	0.8036	0.9523	0.7038
4.5	0.9664	0.9760	0.9999	0.9999	0.9484	0.8671	0.9619	0.7700
4.6	0.9550	0.9633	0.9999	0.9999	0.9373	0.8069	0.9477	0.7584
4.7	0.9466	0.9591	0.9998	0.9997	0.9134	0.7969	0.9386	0.6473
4.8	0.9565	0.9523	0.9998	0.9998	0.9191	0.8233	0.9609	0.6098
4.9	0.9517	0.9405	0.9998	0.9999	0.9199	0.8255	0.9662	0.6739
5.0	0.9504	0.9523	0.9999	0.9999	0.9349	0.8855	0.9718	0.7179
5.1	0.9482	0.9519	0.9999	0.9999	0.9125	0.8621	0.9656	0.6910
5.2	0.9503	0.9585	0.9999	0.9999	0.9164	0.8498	0.9694	0.6622
5.3	0.9494	0.9638	0.9999	0.9999	0.9235	0.8610	0.9639	0.6899
5.4	0.9515	0.9586	0.9999	0.9999	0.9210	0.7921	0.9440	0.7385
5.5	0.9383	0.9579	0.9999	0.9999	0.9179	0.7724	0.9393	0.7031
5.6	0.9209	0.9535	0.9999	0.9998	0.8957	0.7824	0.9336	0.6974
5.7	0.9319	0.9493	0.9998	0.9998	0.8495	0.7461	0.9084	0.7046
5.8	0.9458	0.9584	0.9998	0.9998	0.8602	0.7243	0.9120	0.7481
5.9	0.9337	0.9619	0.9998	0.9998	0.8736	0.7279	0.9185	0.7204
6.0	0.9405	0.9543	0.9998	0.9997	0.8951	0.7452	0.9394	0.6381
6.1	0.9551	0.9710	0.9998	0.9998	0.9320	0.8384	0.9557	0.7176
6.2	0.9491	0.9745	0.9997	0.9998	0.9159	0.8080	0.9502	0.7614
6.3	0.9312	0.9699	0.9998	0.9998	0.9372	0.8340	0.9500	0.8133
6.4	0.9424	0.9590	0.9998	0.9998	0.9550	0.8465	0.9620	0.7841
6.5	0.9401	0.9476	0.9998	0.9998	0.9076	0.7995	0.9412	0.6835
6.6	0.9490	0.9454	0.9998	0.9998	0.9302	0.8399	0.9500	0.7049
6.7	0.9466	0.9490	0.9998	0.9997	0.9323	0.8592	0.9623	0.7042
6.8	0.9258	0.9419	0.9997	0.9997	0.9032	0.7783	0.9525	0.7430
6.9	0.8974	0.9282	0.9997	0.9997	0.8927	0.7575	0.9263	0.6804
7.0	0.8962	0.9519	0.9998	0.9997	0.8958	0.8299	0.9324	0.7307
7.1	0.8537	0.9391	0.9998	0.9995	0.8664	0.7690	0.9009	0.7439
7.2	0.8284	0.9455	0.9998	0.9996	0.8280	0.7475	0.8875	0.7577
7.3	0.8245	0.9505	0.9999	0.9998	0.8165	0.6746	0.8809	0.7078
7.4	0.8305	0.9595	0.9999	0.9999	0.8515	0.6403	0.9041	0.6631
7.5	0.7936	0.9625	0.9999	0.9998	0.8724	0.5885	0.9123	0.5946
7.6	0.8273	0.9514	0.9998	0.9998	0.8736	0.5884	0.9210	0.6317
7.7	0.8304	0.9416	0.9998	0.9998	0.8655	0.6151	0.9170	0.5600
7.8	0.9036	0.9558	0.9998	0.9998	0.9115	0.6734	0.9329	0.6421
7.9	0.9206	0.9544	0.9999	0.9999	0.9115	0.7377	0.9414	0.7097

8.0	0.9233	0.9435	0.9999	0.9999	0.8840	0.7502	0.9472	0.6574
8.1	0.9149	0.9336	0.9999	0.9999	0.8481	0.7201	0.9213	0.5851
8.2	0.9060	0.9363	0.9999	0.9999	0.8390	0.6722	0.9141	0.5515
8.3	0.9281	0.9539	0.9999	0.9999	0.8920	0.8122	0.9414	0.6673
8.4	0.9261	0.9436	0.9999	0.9998	0.9197	0.8255	0.9457	0.7084
8.5	0.9378	0.9350	0.9998	0.9999	0.8998	0.7688	0.9335	0.7201
8.6	0.9350	0.9395	0.9999	0.9999	0.9175	0.8020	0.9376	0.7617
8.7	0.9365	0.9337	0.9999	0.9999	0.9210	0.7992	0.9355	0.7751
8.8	0.9453	0.9453	0.9999	0.9999	0.9274	0.7993	0.9399	0.7997
8.9	0.9323	0.9288	0.9998	0.9998	0.8854	0.7881	0.9213	0.7608
9.0	0.9060	0.9167	0.9998	0.9998	0.8812	0.7824	0.9217	0.7471
9.1	0.9130	0.9422	0.9999	0.9998	0.9359	0.8499	0.9518	0.7914
9.2	0.9315	0.9540	0.9999	0.9999	0.9434	0.8660	0.9566	0.8459
9.3	0.8985	0.9470	0.9998	0.9999	0.9016	0.8185	0.9297	0.8115
9.4	0.8906	0.9327	0.9998	0.9999	0.8735	0.7950	0.9296	0.7653
9.5	0.9090	0.9001	0.9999	0.9999	0.8567	0.7759	0.9204	0.7071
9.6	0.8888	0.8780	0.9999	0.9998	0.7752	0.6080	0.8867	0.5614
9.7	0.8568	0.8631	0.9998	0.9998	0.7156	0.4703	0.8593	0.4007
9.8	0.7761	0.7477	0.9998	0.9998	0.4227	0.1431	0.7133	0.2006
9.9	0.8989	0.8243	0.9999	0.9998	0.6395	0.1680	0.8194	0.2229
10.0	0.9091	0.8762	0.9998	0.9997	0.7526	0.0988	0.8621	0.1892
10.1	0.8873	0.8703	0.9998	0.9997	0.7714	0.1411	0.8482	0.0879
10.2	0.8673	0.8343	0.9998	0.9996	0.7255	0.1217	0.8189	0.0460
10.3	0.8993	0.8664	0.9999	0.9997	0.7276	0.1324	0.8269	0.0273
10.4	0.9217	0.8859	0.9998	0.9998	0.8186	0.0959	0.8619	0.0068
10.5	0.9100	0.8867	0.9998	0.9998	0.7822	0.0526	0.8614	0.0180
10.6	0.9302	0.9438	0.9998	0.9998	0.8114	0.2007	0.8874	0.0276
10.7	0.9209	0.9602	0.9998	0.9998	0.8509	0.2044	0.8902	0.1548
10.8	0.8860	0.9534	0.9998	0.9998	0.8645	0.3291	0.8396	0.2424
10.9	0.9276	0.9607	0.9998	0.9998	0.8828	0.5212	0.8422	0.2096
11.0	0.9287	0.9537	0.9998	0.9998	0.8935	0.6294	0.8866	0.2899
11.1	0.9265	0.9404	0.9996	0.9996	0.8832	0.6900	0.8861	0.2681
11.2	0.9401	0.9447	0.9997	0.9997	0.9068	0.7286	0.8843	0.2994
11.3	0.9290	0.9471	0.9997	0.9997	0.9176	0.7646	0.8768	0.4254
11.4	0.9411	0.9487	0.9998	0.9998	0.9445	0.7818	0.9031	0.4966
11.5	0.9430	0.9451	0.9998	0.9997	0.9448	0.8008	0.8844	0.5112
11.6	0.9336	0.9421	0.9997	0.9997	0.9356	0.7731	0.8753	0.5236
11.7	0.9038	0.9302	0.9995	0.9996	0.9106	0.7720	0.8859	0.3589
11.8	0.9149	0.9291	0.9996	0.9996	0.9114	0.8250	0.9156	0.4707
11.9	0.9408	0.9455	0.9997	0.9997	0.9308	0.8393	0.9316	0.5277
12.0	0.9377	0.9525	0.9995	0.9996	0.9362	0.8374	0.9285	0.5470
12.1	0.9255	0.9544	0.9995	0.9996	0.9257	0.8350	0.9452	0.5496
12.2	0.9454	0.9583	0.9996	0.9995	0.9497	0.8590	0.9602	0.6474
12.3	0.9505	0.9663	0.9996	0.9996	0.9671	0.8987	0.9604	0.7091
12.4	0.9555	0.9595	0.9995	0.9994	0.9547	0.8682	0.9575	0.7164
12.5	0.9613	0.9546	0.9994	0.9994	0.9555	0.8821	0.9610	0.7647
12.6	0.9600	0.9630	0.9995	0.9995	0.9705	0.9026	0.9729	0.8355
12.7	0.9605	0.9728	0.9996	0.9995	0.9760	0.8978	0.9745	0.8769
12.8	0.9684	0.9769	0.9996	0.9996	0.9731	0.9147	0.9721	0.8727
12.9	0.9644	0.9731	0.9995	0.9996	0.9689	0.9048	0.9626	0.8891
13.0	0.9626	0.9707	0.9997	0.9996	0.9657	0.9234	0.9665	0.9063
13.1	0.9550	0.9608	0.9997	0.9996	0.9575	0.9051	0.9578	0.9341
13.2	0.9646	0.9665	0.9996	0.9995	0.9616	0.9279	0.9513	0.9506
13.3	0.9813	0.9800	0.9996	0.9996	0.9828	0.9495	0.9536	0.9656
13.4	0.9785	0.9782	0.9994	0.9994	0.9849	0.9475	0.9489	0.9731
13.5	0.9774	0.9822	0.9994	0.9994	0.9861	0.9426	0.9529	0.9669
13.6	0.9798	0.9794	0.9992	0.9992	0.9854	0.9492	0.9464	0.9590
13.7	0.9779	0.9820	0.9990	0.9989	0.9870	0.9694	0.9416	0.9571
13.8	0.9802	0.9838	0.9992	0.9992	0.9850	0.9698	0.9526	0.9586
13.9	0.9835	0.9842	0.9993	0.9992	0.9866	0.9752	0.9610	0.9641
14.0	0.9861	0.9858	0.9992	0.9991	0.9869	0.9675	0.9686	0.9728
14.1	0.9868	0.9863	0.9990	0.9989	0.9898	0.9757	0.9787	0.9772
14.2	0.9861	0.9883	0.9987	0.9986	0.9897	0.9782	0.9812	0.9801
14.3	0.9879	0.9877	0.9987	0.9987	0.9890	0.9735	0.9827	0.9792
14.4	0.9901	0.9860	0.9985	0.9984	0.9884	0.9736	0.9829	0.9745
14.5	0.9894	0.9894	0.9981	0.9980	0.9878	0.9695	0.9801	0.9780
14.6	0.9811	0.9818	0.9965	0.9961	0.9788	0.9604	0.9728	0.9639
14.7	0.9851	0.9795	0.9979	0.9978	0.9739	0.9599	0.9736	0.9637
14.8	0.9754	0.9630	0.9984	0.9982	0.9615	0.9125	0.9617	0.9148
14.9	0.9836	0.9775	0.9988	0.9987	0.9749	0.9341	0.9566	0.8612
15.0	0.9758	0.9625	0.9956	0.9955	0.9568	0.8554	0.7690	0.7828
15.1	0.9711	0.9562	0.9936	0.9935	0.9531	0.7578	0.6481	0.9016
15.2	0.9804	0.9532	0.9951	0.9947	0.9540	0.7452	0.8071	0.9125
15.3	0.9764	0.9453	0.9909	0.9906	0.9406	0.7805	0.8593	0.9085
15.4	0.9677	0.9480	0.9872	0.9867	0.9444	0.8646	0.8972	0.9350
15.5	0.9642	0.9481	0.9848	0.9845	0.9419	0.8990	0.9156	0.9281
15.6	0.9436	0.9344	0.9712	0.9710	0.9304	0.8939	0.9150	0.9210
15.7	0.9517	0.9449	0.9693	0.9693	0.9407	0.9190	0.9287	0.9422
15.8	0.9359	0.9376	0.9582	0.9582	0.9291	0.9035	0.9182	0.9182
15.9	0.9545	0.9552	0.9654	0.9656	0.9449	0.9345	0.9427	0.9343
16.0	0.9658	0.9675	0.9748	0.9749	0.9579	0.9487	0.9530	0.9515
16.1	0.9655	0.9638	0.9719	0.9721	0.9539	0.9464	0.9510	0.9466
16.2	0.9776	0.9786	0.9845	0.9846	0.9684	0.9598	0.9680	0.9569
16.3	0.9849	0.9857	0.9899	0.9901	0.9787	0.9655	0.9738	0.9677
16.4	0.9836	0.9841	0.9908	0.9910	0.9818	0.9671	0.9739	0.9681
16.5	0.9655	0.9655	0.9935	0.9938	0.9588	0.9396	0.9490	0.9433

16.6	0.9714	0.9702	0.9963	0.9964	0.9659	0.9541	0.9635	0.9596
16.7	0.9641	0.9641	0.9967	0.9967	0.9597	0.9500	0.9590	0.9551
16.8	0.9451	0.9457	0.9862	0.9862	0.9404	0.9308	0.9400	0.9327
16.9	0.9426	0.9421	0.9811	0.9808	0.9353	0.9262	0.9351	0.9271
17.0	0.9568	0.9584	0.9938	0.9933	0.9552	0.9486	0.9556	0.9506
17.1	0.8885	0.8976	0.9931	0.9924	0.8916	0.8788	0.8904	0.8865
17.2	0.8619	0.8711	0.9890	0.9880	0.8645	0.8552	0.8627	0.8629
17.3	0.9167	0.9229	0.9944	0.9941	0.9176	0.9158	0.9170	0.9204
17.4	0.9498	0.9540	0.9956	0.9955	0.9489	0.9504	0.9481	0.9483
17.5	0.9666	0.9720	0.9976	0.9977	0.9684	0.9718	0.9697	0.9737
17.6	0.9604	0.9680	0.9977	0.9977	0.9664	0.9689	0.9677	0.9716
17.7	0.9588	0.9704	0.9983	0.9982	0.9655	0.9700	0.9671	0.9692
17.8	0.9629	0.9750	0.9987	0.9986	0.9697	0.9736	0.9670	0.9733
17.9	0.9566	0.9705	0.9992	0.9992	0.9692	0.9728	0.9649	0.9715
18.0	0.9316	0.9546	0.9986	0.9988	0.9481	0.9566	0.9461	0.9606
18.1	0.9456	0.9655	0.9986	0.9988	0.9570	0.9619	0.9551	0.9687
18.2	0.9563	0.9714	0.9989	0.9990	0.9674	0.9726	0.9598	0.9785
18.3	0.9450	0.9666	0.9988	0.9989	0.9628	0.9703	0.9560	0.9740
18.4	0.9522	0.9672	0.9985	0.9987	0.9617	0.9674	0.9512	0.9734
18.5	0.9603	0.9713	0.9982	0.9988	0.9625	0.9718	0.9540	0.9774
18.6	0.9401	0.9652	0.9991	0.9993	0.9582	0.9706	0.9469	0.9747
18.7	0.9519	0.9732	0.9995	0.9994	0.9709	0.9811	0.9608	0.9831
18.8	0.9630	0.9763	0.9993	0.9993	0.9720	0.9788	0.9593	0.9820
18.9	0.9446	0.9711	0.9992	0.9992	0.9560	0.9747	0.9317	0.9755
19.0	0.9238	0.9643	0.9986	0.9986	0.9427	0.9642	0.8989	0.9682
19.1	0.9191	0.9639	0.9987	0.9986	0.9455	0.9663	0.8855	0.9734
19.2	0.8854	0.9554	0.9986	0.9986	0.9206	0.9531	0.8621	0.9636
19.3	0.8702	0.9500	0.9984	0.9983	0.8994	0.9563	0.8106	0.9515
19.4	0.8600	0.9464	0.9985	0.9984	0.8910	0.9568	0.7622	0.9452
19.5	0.8032	0.9063	0.9987	0.9988	0.8697	0.9318	0.5449	0.9407
19.6	0.8217	0.9156	0.9989	0.9989	0.8359	0.9262	0.3599	0.9434
19.7	0.8606	0.9209	0.9992	0.9992	0.8515	0.9463	0.2281	0.9637
19.8	0.8924	0.9372	0.9993	0.9994	0.8785	0.9508	0.1010	0.9704
19.9	0.8848	0.9284	0.9993	0.9993	0.8561	0.9469	0.1681	0.9605
20.0	0.8764	0.9080	0.9993	0.9992	0.8439	0.9445	0.2655	0.9561
20.1	0.8709	0.9129	0.9990	0.9990	0.8659	0.9489	0.5413	0.9595
20.2	0.8748	0.9279	0.9993	0.9993	0.8907	0.9658	0.6840	0.9704
20.3	0.8204	0.9036	0.9992	0.9992	0.8609	0.9648	0.7292	0.9658
20.4	0.7703	0.8539	0.9989	0.9986	0.7956	0.9303	0.7106	0.9505
20.5	0.7552	0.8542	0.9992	0.9987	0.7504	0.9238	0.8120	0.9511
20.6	0.7883	0.8637	0.9991	0.9991	0.7848	0.9448	0.8288	0.9631
20.7	0.7903	0.8588	0.9990	0.9990	0.8043	0.9502	0.8410	0.9628
20.8	0.7965	0.9000	0.9995	0.9992	0.8440	0.9579	0.8484	0.9658
20.9	0.7391	0.8790	0.9994	0.9990	0.7928	0.9398	0.8610	0.9644
21.0	0.6996	0.8202	0.9992	0.9990	0.7276	0.9096	0.8377	0.9407
21.1	0.7488	0.8399	0.9991	0.9991	0.7425	0.9248	0.8524	0.9452
21.2	0.7894	0.8371	0.9992	0.9994	0.7879	0.9402	0.8973	0.9603
21.3	0.7258	0.7569	0.9991	0.9990	0.7501	0.9380	0.9166	0.9621
21.4	0.7426	0.7382	0.9993	0.9991	0.7750	0.9376	0.9172	0.9588
21.5	0.6880	0.7001	0.9989	0.9986	0.6050	0.9029	0.9201	0.9405
21.6	0.6626	0.7133	0.9989	0.9987	0.5585	0.8965	0.9266	0.9297
21.7	0.6645	0.7454	0.9990	0.9990	0.6798	0.9019	0.9106	0.9250
21.8	0.6792	0.7566	0.9992	0.9992	0.7194	0.9296	0.9211	0.9231
21.9	0.7012	0.7287	0.9992	0.9991	0.6924	0.9239	0.9208	0.9202
22.0	0.7437	0.6829	0.9991	0.9989	0.6221	0.9091	0.8851	0.8825
22.1	0.7288	0.5533	0.9990	0.9988	0.6032	0.9181	0.8943	0.8529
22.2	0.7052	0.5341	0.9986	0.9984	0.4130	0.8715	0.8897	0.8322
22.3	0.6268	0.5064	0.9988	0.9985	0.2680	0.8263	0.8609	0.8166
22.4	0.6662	0.4373	0.9987	0.9985	0.2148	0.7731	0.8176	0.7391
22.5	0.6330	0.4417	0.9982	0.9981	0.1636	0.7359	0.7478	0.6818
22.6	0.5726	0.5631	0.9984	0.9980	0.1722	0.8078	0.8013	0.7109
22.7	0.5273	0.5239	0.9982	0.9979	0.0211	0.7945	0.7808	0.6623
22.8	0.6019	0.4699	0.9984	0.9982	0.0842	0.7962	0.7679	0.6802
22.9	0.5106	0.3992	0.9983	0.9975	0.1445	0.6383	0.6247	0.5640
23.0	0.5412	0.5772	0.9983	0.9975	0.2821	0.5724	0.6290	0.4692
23.1	0.4793	0.5899	0.9987	0.9977	0.2946	0.6403	0.7151	0.5254
23.2	0.4654	0.5773	0.9984	0.9977	0.3542	0.5206	0.7076	0.4184
23.3	0.5089	0.5344	0.9982	0.9983	0.3883	0.5610	0.6824	0.5679
23.4	0.4018	0.5164	0.9983	0.9977	0.4462	0.6147	0.6934	0.4858
23.5	0.4049	0.4710	0.9983	0.9982	0.4029	0.5571	0.6341	0.4325
23.6	0.2846	0.4183	0.9986	0.9984	0.3395	0.5820	0.6562	0.5050
23.7	0.2976	0.2054	0.9981	0.9979	0.2233	0.5635	0.6762	0.4956
23.8	0.3727	0.2712	0.9982	0.9984	0.3249	0.6865	0.7375	0.6002
23.9	0.4390	0.3033	0.9984	0.9985	0.3329	0.7002	0.7177	0.6974
24.0	0.4142	0.3181	0.9985	0.9983	0.4360	0.5842	0.7015	0.5555
24.1	0.1862	0.2947	0.9977	0.9975	0.3530	0.5598	0.6635	0.4950
24.2	0.2107	0.1843	0.9974	0.9963	0.2438	0.5925	0.6167	0.5067
24.3	0.4147	0.2189	0.9979	0.9973	0.3951	0.6234	0.7372	0.5062
24.4	0.3733	0.3113	0.9979	0.9971	0.4659	0.5818	0.7660	0.5029
24.5	0.1962	0.2614	0.9969	0.9968	0.3901	0.6192	0.7122	0.4700
24.6	0.2596	0.3080	0.9976	0.9973	0.4031	0.7125	0.7745	0.5623
24.7	0.4173	0.2683	0.9979	0.9978	0.4286	0.7105	0.8086	0.6252
24.8	0.2410	0.1330	0.9975	0.9979	0.3924	0.6656	0.8198	0.6687
24.9	0.2938	0.2325	0.9971	0.9972	0.3626	0.6514	0.7400	0.5827
25.0	0.1769	0.2483	0.9964	0.9967	0.2651	0.6798	0.6271	0.6990
25.1	0.1887	0.2364	0.9972	0.9965	0.3837	0.6834	0.7283	0.6866

25.2	0.2866	0.2648	0.9985	0.9967	0.3357	0.6430	0.7762	0.6502
25.3	0.3094	0.2104	0.9975	0.9971	0.1736	0.6285	0.6745	0.5763
25.4	0.1358	0.2392	0.9966	0.9966	0.1928	0.5176	0.7122	0.4777
25.5	0.2325	0.3694	0.9960	0.9957	0.2279	0.4451	0.7168	0.4509
25.6	0.2585	0.4995	0.9972	0.9956	0.1482	0.4451	0.7183	0.4230
25.7	0.2336	0.5872	0.9971	0.9957	0.1829	0.5515	0.8188	0.5773
25.8	0.3186	0.6780	0.9967	0.9967	0.3514	0.5684	0.8140	0.5358
25.9	0.2250	0.6399	0.9966	0.9966	0.3486	0.5767	0.8425	0.4936
26.0	0.1460	0.5826	0.9959	0.9965	0.4630	0.5784	0.8460	0.4948
26.1	0.2446	0.5819	0.9959	0.9963	0.5313	0.6168	0.8582	0.5806
26.2	0.2910	0.5511	0.9953	0.9950	0.4138	0.6389	0.8685	0.6626
26.3	0.3348	0.6261	0.9954	0.9952	0.4624	0.6380	0.8324	0.6823
26.4	0.2287	0.5932	0.9946	0.9952	0.4718	0.5811	0.8127	0.7011
26.5	0.0945	0.5307	0.9949	0.9936	0.4259	0.5234	0.8133	0.6916
26.6	0.2231	0.5080	0.9937	0.9935	0.4134	0.5263	0.8254	0.6833
26.7	0.2616	0.5404	0.9950	0.9932	0.3825	0.5206	0.8253	0.7017
26.8	0.2172	0.5815	0.9943	0.9918	0.3665	0.5891	0.8555	0.6322
26.9	0.1662	0.5656	0.9934	0.9913	0.3621	0.5478	0.8773	0.6642
27.0	0.1557	0.5765	0.9932	0.9946	0.3894	0.4260	0.8777	0.6147
27.1	0.0941	0.5766	0.9932	0.9929	0.3905	0.3415	0.8860	0.5352
27.2	0.0779	0.5995	0.9948	0.9924	0.4747	0.3588	0.9237	0.6291
27.3	0.1141	0.6160	0.9925	0.9933	0.5025	0.3863	0.9234	0.6366
27.4	0.1402	0.5389	0.9902	0.9937	0.5649	0.3627	0.9346	0.6035
27.5	0.2606	0.5693	0.9920	0.9907	0.5188	0.4885	0.9407	0.5998
27.6	0.3002	0.6769	0.9913	0.9887	0.6325	0.5795	0.9398	0.4821
27.7	0.3087	0.7033	0.9907	0.9916	0.7639	0.6388	0.9448	0.3531
27.8	0.3434	0.7888	0.9919	0.9917	0.7404	0.6906	0.9539	0.2596
27.9	0.4484	0.8277	0.9916	0.9905	0.7506	0.7399	0.9568	0.2033
28.0	0.3957	0.7165	0.9845	0.9839	0.7809	0.6420	0.9077	0.0125
28.1	0.4243	0.6935	0.9837	0.9789	0.7688	0.6441	0.9089	0.0260
28.2	0.4437	0.6632	0.9805	0.9746	0.7926	0.6682	0.9210	0.0763
28.3	0.4775	0.7316	0.9782	0.9728	0.8134	0.7214	0.9337	0.1932
28.4	0.2765	0.5401	0.9724	0.9633	0.7492	0.6431	0.8711	0.1794
28.5	0.1833	0.7547	0.9802	0.9751	0.7679	0.6789	0.8976	0.3038
28.6	0.3217	0.7833	0.9780	0.9737	0.7711	0.7721	0.9047	0.3276
28.7	0.3183	0.6678	0.9704	0.9675	0.7103	0.6835	0.8449	0.2996
28.8	0.3021	0.5550	0.9761	0.9688	0.7092	0.6168	0.8250	0.2823
28.9	0.3090	0.5131	0.9667	0.9661	0.7137	0.7080	0.7902	0.2239
29.0	0.3645	0.3817	0.9647	0.9641	0.6847	0.7064	0.7324	0.1978
29.1	0.3358	0.3231	0.9684	0.9551	0.6092	0.7066	0.7241	0.2076
29.2	0.2371	0.3417	0.9627	0.9421	0.5319	0.5802	0.6666	0.1164
29.3	0.2002	0.3829	0.9642	0.9529	0.6189	0.6069	0.7238	0.0972
29.4	0.1817	0.3674	0.9368	0.9483	0.5651	0.5597	0.7402	0.2562
29.5	0.1264	0.3444	0.9324	0.9407	0.4849	0.5315	0.7127	0.2925
29.6	0.1294	0.3075	0.9576	0.9313	0.4453	0.4499	0.6571	0.2278
29.7	0.2769	0.3022	0.9610	0.9345	0.5291	0.5739	0.7117	0.2952
29.8	0.2717	0.2513	0.9415	0.9209	0.5036	0.5207	0.6002	0.2383
29.9	0.1015	0.1398	0.9049	0.9246	0.2709	0.3608	0.3597	0.1739
30.0	0.0656	0.1158	0.9019	0.9174	0.2241	0.2738	0.3348	0.1478
30.1	0.1575	0.2412	0.9456	0.9060	0.3880	0.5177	0.4878	0.1227
30.2	0.1034	0.2040	0.9214	0.9055	0.4157	0.5385	0.3701	0.2403
30.3	0.0964	0.2177	0.9031	0.9169	0.4745	0.4964	0.3574	0.3686
30.4	0.1204	0.3547	0.9117	0.9122	0.6291	0.5662	0.5110	0.5330
30.5	0.1747	0.4156	0.8998	0.8881	0.5990	0.5594	0.5505	0.4858
30.6	0.3008	0.3509	0.9270	0.9136	0.5883	0.6236	0.5761	0.5236
30.7	0.2716	0.3649	0.9032	0.8644	0.4838	0.6379	0.5183	0.4685
30.8	0.0606	0.3498	0.8890	0.8479	0.3031	0.4151	0.3139	0.4138
30.9	0.1506	0.4265	0.8695	0.8357	0.4013	0.4917	0.3648	0.5079
31.0	0.1940	0.3876	0.8594	0.8166	0.4883	0.5440	0.3050	0.4895
31.1	0.0300	0.2728	0.8470	0.7750	0.2622	0.3660	0.1454	0.3662
31.2	0.1724	0.3746	0.8091	0.7790	0.3919	0.5164	0.3773	0.4653
31.3	0.1535	0.3297	0.7513	0.6368	0.4650	0.4029	0.2232	0.4529
31.4	0.0214	0.4177	0.7395	0.5323	0.2788	0.2934	0.0899	0.5239
31.5	0.0708	0.3997	0.6383	0.5801	0.3008	0.3534	0.2401	0.5244
31.6	0.2292	0.4043	0.7606	0.7754	0.5512	0.5112	0.5621	0.5891
31.7	0.2944	0.4256	0.6846	0.7701	0.5892	0.6639	0.6719	0.6015
31.8	0.3848	0.5714	0.7946	0.7961	0.6177	0.7802	0.7460	0.6729
31.9	0.3186	0.5711	0.8018	0.7646	0.5807	0.6536	0.7493	0.7033
32.0	0.3691	0.5301	0.7037	0.8089	0.5542	0.5941	0.7534	0.4345
32.1	0.4347	0.5922	0.7358	0.8480	0.6790	0.7399	0.7932	0.4871
32.2	0.4811	0.6858	0.8283	0.8237	0.6739	0.6997	0.7822	0.5282
32.3	0.4280	0.6525	0.8271	0.8357	0.6860	0.6816	0.7716	0.4819
32.4	0.3081	0.5467	0.7765	0.8012	0.5859	0.6519	0.7919	0.4293
32.5	0.2905	0.5851	0.8091	0.8445	0.6054	0.7239	0.8462	0.3959
32.6	0.4369	0.5973	0.8533	0.8816	0.6405	0.7353	0.8415	0.2615
32.7	0.4497	0.7049	0.8527	0.8705	0.6184	0.7569	0.8435	0.1950
32.8	0.3341	0.7706	0.8913	0.9102	0.7034	0.8101	0.8591	0.2129
32.9	0.2930	0.6898	0.8930	0.9003	0.7268	0.7465	0.8585	0.0862
33.0	0.4082	0.7658	0.8945	0.9245	0.7151	0.7362	0.8727	0.0105
33.1	0.4445	0.7747	0.9052	0.9496	0.7670	0.8073	0.9094	0.0563
33.2	0.6155	0.7698	0.9072	0.9434	0.8528	0.8561	0.9423	0.0746
33.3	0.6865	0.7084	0.9100	0.9344	0.8430	0.8700	0.9232	0.1177
33.4	0.5961	0.6922	0.8786	0.9367	0.8022	0.8560	0.9090	0.1726
33.5	0.6023	0.8077	0.8902	0.9391	0.8201	0.8667	0.9316	0.2782
33.6	0.6121	0.8181	0.8826	0.9277	0.8451	0.8965	0.9506	0.2816
33.7	0.6988	0.8116	0.8457	0.9243	0.8483	0.8773	0.9407	0.3662

33.8	0.6624	0.8451	0.8125	0.9304	0.8276	0.8416	0.9284	0.4198
33.9	0.7615	0.8544	0.8426	0.9382	0.8072	0.8573	0.9483	0.4508
34.0	0.7892	0.8408	0.8909	0.9355	0.8257	0.8876	0.9339	0.6492
34.1	0.8550	0.8365	0.8998	0.9411	0.8872	0.9085	0.9476	0.7628
34.2	0.8559	0.8436	0.8849	0.9537	0.8446	0.8891	0.9278	0.6695
34.3	0.8492	0.8078	0.8284	0.9428	0.8291	0.8627	0.9133	0.6600
34.4	0.8334	0.7219	0.6995	0.9150	0.8236	0.8382	0.9029	0.6473
34.5	0.8232	0.5864	0.4899	0.8802	0.7734	0.7932	0.8773	0.6230
34.6	0.8464	0.6185	0.5858	0.8757	0.8282	0.8604	0.9169	0.6624
34.7	0.8512	0.6214	0.6573	0.8419	0.8730	0.8972	0.9446	0.7465
34.8	0.8465	0.6241	0.6541	0.8140	0.8356	0.8657	0.9225	0.6967
34.9	0.8487	0.6364	0.7208	0.8385	0.8316	0.8277	0.9157	0.6775
35.0	0.8404	0.6262	0.8134	0.8574	0.8515	0.8513	0.9361	0.6859
35.1	0.8710	0.6875	0.8532	0.8132	0.8617	0.8817	0.9243	0.7912
35.2	0.8426	0.6489	0.8751	0.8624	0.8530	0.8883	0.9077	0.7688
35.3	0.7417	0.5875	0.8165	0.8286	0.7717	0.8097	0.8538	0.6217
35.4	0.7586	0.5925	0.8433	0.8016	0.7602	0.7848	0.8273	0.6301
35.5	0.7312	0.6131	0.8453	0.8233	0.7658	0.7892	0.8250	0.6354
35.6	0.6666	0.4755	0.8077	0.8310	0.6550	0.6880	0.7034	0.5478
35.7	0.7408	0.6503	0.8631	0.8638	0.7238	0.7561	0.7660	0.6070
35.8	0.7651	0.6383	0.9023	0.8794	0.7371	0.7732	0.7685	0.6561
35.9	0.7824	0.5994	0.9292	0.8507	0.7519	0.7573	0.7660	0.6218
36.0	0.8416	0.6482	0.9371	0.8676	0.7919	0.8087	0.8257	0.6979
36.1	0.7891	0.6614	0.8766	0.8005	0.7976	0.7595	0.8099	0.6084
36.2	0.7333	0.6338	0.8700	0.7544	0.8002	0.7905	0.8322	0.6768
36.3	0.7138	0.4911	0.8684	0.7752	0.7902	0.7781	0.8150	0.6780
36.4	0.7531	0.5284	0.9021	0.7908	0.8213	0.8131	0.8738	0.6642
36.5	0.7836	0.5401	0.9266	0.8363	0.8071	0.8095	0.8722	0.6779
36.6	0.7155	0.4982	0.9170	0.8487	0.8335	0.8130	0.8702	0.6782
36.7	0.7013	0.5150	0.9203	0.8418	0.8230	0.8151	0.8551	0.6257
36.8	0.6885	0.5218	0.9325	0.8386	0.8315	0.7764	0.8735	0.5649
36.9	0.6584	0.4755	0.9048	0.8653	0.8372	0.7858	0.8781	0.5701
37.0	0.5573	0.3067	0.9087	0.8431	0.7835	0.7672	0.8192	0.5356
37.1	0.5490	0.4048	0.8873	0.8494	0.7743	0.7545	0.7999	0.4934
37.2	0.6206	0.5336	0.9048	0.8429	0.8276	0.7891	0.8534	0.5388
37.3	0.5041	0.4761	0.8617	0.7499	0.6961	0.7054	0.7284	0.4364
37.4	0.2003	0.4241	0.7182	0.6253	0.4501	0.4886	0.4024	0.4123
37.5	0.4517	0.4821	0.8294	0.7717	0.6154	0.6300	0.6161	0.4423
37.6	0.6587	0.5430	0.8918	0.8607	0.7632	0.7917	0.8649	0.3616
37.7	0.4807	0.3954	0.8517	0.7856	0.7707	0.7548	0.7917	0.3921
37.8	0.6256	0.4190	0.9185	0.8474	0.8224	0.7747	0.8741	0.4137
37.9	0.5323	0.3692	0.9294	0.8785	0.7957	0.7809	0.8776	0.3088
38.0	0.4417	0.3020	0.8904	0.8645	0.7286	0.7289	0.8384	0.2203
38.1	0.5173	0.3494	0.8936	0.8795	0.7905	0.7488	0.8561	0.2172
38.2	0.5457	0.5081	0.9137	0.9079	0.8129	0.7704	0.8485	0.3182
38.3	0.5341	0.5443	0.9179	0.9093	0.7621	0.7278	0.8301	0.3414
38.4	0.5797	0.5263	0.8974	0.8726	0.8156	0.7884	0.8411	0.4873
38.5	0.5380	0.4950	0.8980	0.8894	0.8522	0.8273	0.8258	0.6067
38.6	0.4982	0.4958	0.8796	0.8630	0.8291	0.8078	0.7517	0.6121
38.7	0.4601	0.3937	0.8695	0.8129	0.8309	0.7877	0.7656	0.5932
38.8	0.4971	0.4096	0.8761	0.8689	0.8628	0.8142	0.8076	0.6613
38.9	0.5119	0.5299	0.9017	0.8673	0.8309	0.8183	0.8275	0.7246
39.0	0.5255	0.4557	0.8971	0.8523	0.8435	0.8443	0.8565	0.7724
39.1	0.4244	0.4172	0.9019	0.8535	0.8811	0.8727	0.8476	0.7968
39.2	0.4954	0.5100	0.8746	0.8821	0.8634	0.8583	0.8488	0.7297
39.3	0.5228	0.3314	0.8273	0.8433	0.8409	0.8066	0.8094	0.6292
39.4	0.3049	0.3946	0.8444	0.7897	0.7898	0.7648	0.7831	0.5686
39.5	0.3342	0.3764	0.8285	0.7642	0.7244	0.7070	0.7235	0.5922
39.6	0.5334	0.4457	0.8756	0.8164	0.7565	0.7764	0.7647	0.6558
39.7	0.3392	0.4890	0.8477	0.8485	0.8182	0.8096	0.8167	0.6053
39.8	0.1981	0.4077	0.8102	0.8601	0.8177	0.7747	0.7985	0.5880
39.9	0.2972	0.4283	0.8169	0.8447	0.8242	0.7869	0.7760	0.7521
40.0	0.3536	0.3505	0.8315	0.8093	0.7182	0.7219	0.7579	0.4946
40.1	0.1998	0.3344	0.8555	0.7818	0.7452	0.6942	0.8058	0.5614
40.2	0.2270	0.2913	0.7818	0.7618	0.6707	0.6004	0.7436	0.5090
40.3	0.2983	0.3417	0.8211	0.8040	0.6843	0.6729	0.7555	0.5211
40.4	0.2467	0.2465	0.8102	0.8410	0.6627	0.6193	0.7229	0.4429
40.5	0.1646	0.1444	0.7696	0.8148	0.6388	0.5172	0.6793	0.2423
40.6	0.1009	0.1532	0.8159	0.7942	0.6439	0.5287	0.6949	0.2252
40.7	0.0511	0.0701	0.7897	0.8124	0.4102	0.2967	0.4720	0.1579
40.8	0.1122	0.0685	0.7950	0.8249	0.4792	0.3395	0.5009	0.2216
40.9	0.1935	0.0804	0.7827	0.7717	0.4233	0.3017	0.4825	0.2803
41.0	0.1753	0.0383	0.7807	0.7988	0.3443	0.1588	0.3526	0.2153
41.1	0.1452	0.0119	0.8163	0.8345	0.2261	0.0583	0.2817	0.0784
41.2	0.1107	0.1167	0.8359	0.7874	0.3417	0.2193	0.4268	0.1159
41.3	0.0443	0.0062	0.8366	0.8028	0.2765	0.1711	0.3700	0.0630
41.4	0.1302	0.0387	0.8435	0.8562	0.0833	0.0072	0.1965	0.0301
41.5	0.2639	0.0034	0.8179	0.8570	0.0832	0.0303	0.2092	0.0194
41.6	0.1480	0.0388	0.7997	0.8312	0.0971	0.0510	0.2689	0.0800
41.7	0.0488	0.1486	0.7801	0.7939	0.0451	0.0189	0.2098	0.1020
41.8	0.1506	0.1150	0.8223	0.8229	0.0385	0.0030	0.1439	0.1151
41.9	0.1422	0.1043	0.8407	0.8634	0.0106	0.0034	0.0941	0.0661
42.0	0.0740	0.1763	0.8198	0.8643	0.0094	0.0636	0.0282	0.1830
42.1	0.0267	0.1345	0.8082	0.8797	0.0127	0.0174	0.0990	0.1108
42.2	0.0271	0.0660	0.7425	0.8525	0.0080	0.0321	0.0516	0.0685
42.3	0.0936	0.1069	0.7745	0.8823	0.0741	0.1760	0.0144	0.3210

42.4	0.1300	0.1813	0.7580	0.8271	0.1136	0.1824	0.0007	0.2810
42.5	0.1182	0.2857	0.7537	0.8144	0.1257	0.1296	0.0131	0.2315
42.6	0.1986	0.2681	0.6661	0.8216	0.1913	0.2014	0.0396	0.2421
42.7	0.2051	0.2745	0.6321	0.8588	0.2039	0.2260	0.1110	0.3074
42.8	0.1443	0.3452	0.7046	0.8380	0.3485	0.2965	0.2213	0.3039
42.9	0.1075	0.2498	0.7424	0.8649	0.3510	0.3317	0.1482	0.3495
43.0	0.0684	0.2165	0.7399	0.8477	0.1836	0.2994	0.0947	0.2485
43.1	0.1571	0.2799	0.7235	0.8174	0.2424	0.2690	0.1601	0.3125
43.2	0.1705	0.3613	0.7424	0.8261	0.3321	0.3590	0.2060	0.4544
43.3	0.1457	0.2910	0.6601	0.8230	0.2672	0.2872	0.1525	0.4150
43.4	0.2412	0.3508	0.7402	0.8395	0.4649	0.4873	0.3257	0.4604
43.5	0.2671	0.3342	0.7717	0.7987	0.5026	0.4028	0.4057	0.3673
43.6	0.1231	0.3276	0.7751	0.8378	0.3748	0.2678	0.3278	0.2048
43.7	0.0450	0.4339	0.8667	0.8907	0.5296	0.4252	0.4024	0.4098
43.8	0.0620	0.4577	0.8730	0.8714	0.5167	0.3983	0.3806	0.4460
43.9	0.0454	0.4477	0.8642	0.8605	0.4217	0.3305	0.2842	0.3233
44.0	0.1101	0.2426	0.8715	0.8894	0.3577	0.2970	0.3075	0.2681
44.1	0.1507	0.3250	0.8533	0.8854	0.4118	0.3408	0.3053	0.3126
44.2	0.0676	0.3341	0.8826	0.8769	0.4036	0.3370	0.2928	0.3062
44.3	0.1308	0.2923	0.9187	0.8908	0.3267	0.3087	0.3317	0.3450
44.4	0.1070	0.3027	0.8975	0.8609	0.3347	0.2764	0.1784	0.4715
44.5	0.0958	0.3363	0.8419	0.8537	0.4254	0.3492	0.0483	0.4628
44.6	0.0522	0.2641	0.8136	0.8532	0.4702	0.4088	0.0915	0.4618
44.7	0.0209	0.2729	0.8157	0.8230	0.4146	0.2820	0.0689	0.3889
44.8	0.0119	0.2776	0.7893	0.8058	0.3811	0.2407	0.2685	0.2438
44.9	0.0139	0.1849	0.7923	0.7537	0.3733	0.2618	0.2931	0.2115
45.0	0.0005	0.1041	0.7678	0.7498	0.1912	0.0612	0.1825	0.0821
45.1	0.0045	0.1473	0.8553	0.8069	0.3538	0.1470	0.3999	0.0624
45.2	0.0359	0.1674	0.8305	0.8431	0.3548	0.2545	0.4581	0.2251
45.3	0.0682	0.1831	0.7106	0.8274	0.3539	0.2324	0.2618	0.2833
45.4	0.0849	0.1165	0.8069	0.8262	0.4204	0.2598	0.2588	0.2272
45.5	0.0142	0.1107	0.6961	0.7299	0.5547	0.3307	0.4748	0.2248
45.6	0.0184	0.1006	0.6538	0.6804	0.5189	0.2943	0.5938	0.1761
45.7	0.0486	0.0427	0.6397	0.6927	0.4814	0.3794	0.4455	0.2935
45.8	0.0767	0.0121	0.5513	0.6339	0.4365	0.4258	0.5348	0.1054
45.9	0.1523	0.0035	0.6204	0.6543	0.6040	0.5444	0.6281	0.3174
46.0	0.0546	0.0512	0.5344	0.5691	0.6988	0.5653	0.5031	0.3894
46.1	0.0392	0.0388	0.4098	0.4244	0.5422	0.4508	0.4000	0.3130
46.2	0.0449	0.0554	0.4976	0.5046	0.5726	0.3935	0.5279	0.2208
46.3	0.1528	0.2603	0.6646	0.5077	0.6585	0.4755	0.6351	0.1343
46.4	0.1847	0.1844	0.7215	0.5672	0.6716	0.6515	0.6245	0.1079
46.5	0.0892	0.0742	0.6674	0.6535	0.6974	0.5890	0.4982	0.2165
46.6	0.0748	0.1729	0.6265	0.6845	0.6853	0.4339	0.5212	0.3251
46.7	0.1230	0.1932	0.7386	0.6524	0.6740	0.3673	0.4564	0.2811
46.8	0.2349	0.2303	0.7607	0.6935	0.6388	0.4384	0.4022	0.3402
46.9	0.2873	0.4138	0.8376	0.8334	0.6909	0.5805	0.4200	0.5047
47.0	0.2464	0.4149	0.8866	0.8607	0.7033	0.6237	0.5565	0.3083
47.1	0.3170	0.3692	0.8654	0.8472	0.7025	0.5717	0.6507	0.2611
47.2	0.3420	0.3673	0.7494	0.7640	0.7511	0.5802	0.6777	0.5187
47.3	0.2609	0.3959	0.7494	0.6391	0.5619	0.3231	0.2492	0.2974
47.4	0.1790	0.1572	0.6360	0.4119	0.1868	0.0574	0.0152	0.0546
47.5	0.0916	0.1630	0.5964	0.3467	0.1474	0.0216	0.0089	0.0448
47.6	0.1115	0.2995	0.7008	0.5638	0.2196	0.0953	0.0919	0.0154
47.7	0.1208	0.3156	0.7877	0.8149	0.5635	0.4888	0.4245	0.2113
47.8	0.1323	0.2936	0.7823	0.8297	0.6436	0.6009	0.4975	0.3460
47.9	0.2194	0.3568	0.7909	0.6776	0.6496	0.6453	0.5519	0.4052
48.0	0.0494	0.2592	0.7939	0.6430	0.5599	0.4888	0.3748	0.2693
48.1	0.0112	0.1350	0.7423	0.6117	0.5108	0.4345	0.2661	0.2049
48.2	0.0082	0.1106	0.6321	0.4439	0.3504	0.3062	0.1365	0.1313
48.3	0.0170	0.1889	0.6704	0.5162	0.3704	0.1819	0.1038	0.1298
48.4	0.0421	0.2348	0.6748	0.5934	0.5404	0.2856	0.1503	0.3435
48.5	0.0823	0.1925	0.6125	0.6147	0.6064	0.3955	0.1361	0.3889
48.6	0.0681	0.1796	0.7570	0.6411	0.4766	0.2584	0.0087	0.1881
48.7	0.0250	0.1455	0.7392	0.6106	0.3826	0.2471	0.0106	0.1446
48.8	0.0376	0.1601	0.6417	0.4994	0.3351	0.2464	0.0077	0.1364
48.9	0.0580	0.0416	0.3835	0.4528	0.3590	0.2745	0.0472	0.1603
49.0	0.0403	0.0168	0.2655	0.2823	0.3933	0.2814	0.0392	0.1882
49.1	0.0055	0.0532	0.3809	0.2651	0.3715	0.2051	0.0259	0.1942
49.2	0.0158	0.1753	0.4686	0.2882	0.2806	0.1299	0.0245	0.1358
49.3	0.0109	0.1450	0.6674	0.3244	0.3617	0.1967	0.0391	0.3118
49.4	0.0238	0.0468	0.4821	0.3945	0.3341	0.1839	0.0242	0.2350
49.5	0.0750	0.0967	0.0937	0.1358	0.0094	0.0404	0.0741	0.0257
49.6	0.0289	0.0567	0.0512	0.0510	0.0011	0.0109	0.0355	0.0085
49.7	0.0359	0.0167	0.1408	0.0318	0.1459	0.0845	0.0082	0.0833
49.8	0.0075	0.0935	0.2629	0.2201	0.1624	0.0931	0.0354	0.0910
49.9	0.0848	0.1487	0.2232	0.1576	0.0303	0.0003	0.0275	0.0119
50.0	0.1178	0.1234	0.3727	0.1279	0.1937	0.0763	0.0010	0.0954
50.1	0.0616	0.0764	0.5960	0.4129	0.5898	0.3760	0.0828	0.4280
50.2	0.0553	0.0515	0.5594	0.4301	0.5914	0.3780	0.1133	0.3915
50.3	0.0607	0.1162	0.6364	0.5557	0.5456	0.3462	0.1002	0.4588
50.4	0.0490	0.0645	0.6037	0.4505	0.5217	0.3998	0.0881	0.4766
50.5	0.0587	0.0476	0.6261	0.3833	0.5519	0.3742	0.1063	0.4843
50.6	0.1865	0.1241	0.7000	0.4320	0.5872	0.3725	0.1602	0.5068
50.7	0.1234	0.0478	0.7154	0.4481	0.6305	0.4671	0.1398	0.5258
50.8	0.1864	0.0767	0.8238	0.6446	0.7392	0.5872	0.2105	0.6995
50.9	0.2086	0.2131	0.8679	0.7133	0.7926	0.6599	0.3801	0.7658

51.0	0.3438	0.2120	0.8938	0.7942	0.8383	0.8232	0.5614	0.8427
51.1	0.2090	0.2263	0.8438	0.7307	0.8207	0.7817	0.2686	0.7843
51.2	0.1357	0.0416	0.7199	0.5703	0.7058	0.5572	0.0637	0.5195
51.3	0.1453	0.0869	0.7266	0.5271	0.7056	0.5419	0.2144	0.5577
51.4	0.1476	0.3006	0.8961	0.7786	0.7906	0.6994	0.4517	0.7832
51.5	0.3715	0.3255	0.9106	0.8179	0.8795	0.7970	0.6458	0.8355
51.6	0.3026	0.3363	0.9144	0.8247	0.8784	0.7920	0.6541	0.8619
51.7	0.3936	0.3895	0.9358	0.8700	0.8915	0.8673	0.6614	0.8945
51.8	0.6177	0.5197	0.9440	0.9044	0.9150	0.8783	0.7182	0.9089
51.9	0.5542	0.5129	0.9448	0.9128	0.8934	0.8689	0.7306	0.8827
52.0	0.5882	0.5339	0.9428	0.9212	0.8828	0.8573	0.5232	0.8989
52.1	0.5782	0.6697	0.9561	0.9310	0.9118	0.8787	0.3062	0.9111
52.2	0.5061	0.6766	0.9593	0.9534	0.9288	0.8767	0.6683	0.9194
52.3	0.5896	0.7103	0.9519	0.9548	0.9458	0.8951	0.8272	0.9469
52.4	0.6546	0.7224	0.9404	0.9385	0.9402	0.8940	0.8212	0.9284
52.5	0.6226	0.7012	0.9356	0.9263	0.9404	0.9025	0.8494	0.9110
52.6	0.6917	0.7227	0.9432	0.9239	0.9309	0.8899	0.8635	0.9035
52.7	0.6518	0.7121	0.9066	0.8806	0.9380	0.9075	0.8447	0.8990
52.8	0.6600	0.7319	0.9223	0.8939	0.9406	0.9218	0.8805	0.9042
52.9	0.7610	0.8324	0.9632	0.9429	0.9418	0.9268	0.8948	0.9164
53.0	0.8121	0.8501	0.9677	0.9592	0.9710	0.9543	0.9241	0.9533
53.1	0.8539	0.8799	0.9700	0.9603	0.9740	0.9556	0.9410	0.9656
53.2	0.8446	0.8329	0.9656	0.9571	0.9622	0.9445	0.9357	0.9516
53.3	0.8024	0.8264	0.9526	0.9219	0.9592	0.9299	0.9233	0.9493
53.4	0.7680	0.7723	0.9397	0.8836	0.9387	0.9165	0.8783	0.9332
53.5	0.7735	0.7877	0.9405	0.9012	0.9527	0.9031	0.9013	0.9213
53.6	0.7968	0.7823	0.9467	0.9328	0.9484	0.9062	0.9325	0.8864
53.7	0.7879	0.7689	0.9494	0.9288	0.9488	0.9065	0.9289	0.8804
53.8	0.8192	0.8163	0.9430	0.9246	0.9570	0.9281	0.9520	0.8931
53.9	0.8137	0.8588	0.9558	0.9377	0.9576	0.9293	0.9581	0.9128
54.0	0.7979	0.8261	0.9630	0.9481	0.9545	0.9340	0.9504	0.9185
54.1	0.7894	0.8109	0.9506	0.9439	0.9539	0.9313	0.9587	0.9022
54.2	0.8366	0.8189	0.9381	0.9315	0.9585	0.9498	0.9541	0.8821
54.3	0.8203	0.8273	0.9666	0.9730	0.9605	0.9418	0.9614	0.9037
54.4	0.8341	0.7947	0.9692	0.9571	0.9463	0.9303	0.9508	0.8949
54.5	0.7785	0.7858	0.9728	0.9519	0.9501	0.9331	0.9504	0.8986
54.6	0.7659	0.7592	0.9497	0.9049	0.9283	0.8912	0.9451	0.8516
54.7	0.7649	0.7991	0.9276	0.8992	0.9178	0.8759	0.9416	0.7934
54.8	0.7735	0.7317	0.9342	0.9193	0.9238	0.8818	0.9373	0.8188
54.9	0.7632	0.6553	0.9329	0.8878	0.9114	0.8583	0.9101	0.7934
55.0	0.6184	0.6085	0.9543	0.9136	0.8698	0.7950	0.9212	0.7240
55.1	0.5401	0.6061	0.9442	0.8910	0.7705	0.7186	0.8989	0.6392
55.2	0.5171	0.5343	0.9461	0.8742	0.6841	0.6256	0.8567	0.5803
55.3	0.6153	0.5228	0.9455	0.8366	0.7596	0.6376	0.8972	0.6276
55.4	0.7231	0.5271	0.9312	0.8607	0.7591	0.5744	0.8761	0.6026
55.5	0.6178	0.5268	0.8957	0.8416	0.7790	0.6163	0.8290	0.6152
55.6	0.5115	0.4081	0.8945	0.8390	0.7586	0.6917	0.8844	0.5346
55.7	0.5130	0.3920	0.9062	0.8130	0.6685	0.6218	0.8659	0.5074
55.8	0.4568	0.4614	0.9063	0.8043	0.6559	0.5741	0.8906	0.5075
55.9	0.4888	0.3693	0.8671	0.6529	0.5882	0.5108	0.8697	0.5210
56.0	0.4581	0.3390	0.7842	0.5857	0.5500	0.3767	0.7890	0.4655
56.1	0.5355	0.3581	0.8833	0.7282	0.6501	0.4623	0.8240	0.3924
56.2	0.5852	0.3877	0.9166	0.7516	0.7055	0.5714	0.8932	0.5017
56.3	0.6175	0.4512	0.8678	0.6888	0.6363	0.4475	0.8901	0.4501
56.4	0.5266	0.4218	0.8503	0.7192	0.6552	0.4305	0.8717	0.2697
56.5	0.5552	0.3645	0.8726	0.7244	0.5471	0.4143	0.8956	0.2950
56.6	0.5832	0.2267	0.8513	0.7881	0.5333	0.4296	0.8857	0.5024
56.7	0.5119	0.1514	0.7952	0.7478	0.5053	0.2640	0.8410	0.5513
56.8	0.5065	0.3479	0.7944	0.7765	0.4862	0.2174	0.8594	0.4895
56.9	0.5025	0.2432	0.7061	0.7762	0.3284	0.1920	0.8298	0.3515
57.0	0.3963	0.2345	0.6164	0.8292	0.3365	0.1280	0.7400	0.2889
57.1	0.2815	0.3922	0.5877	0.8190	0.4588	0.1240	0.6583	0.4031
57.2	0.5451	0.3703	0.7502	0.8840	0.5442	0.1266	0.6590	0.4727
57.3	0.6422	0.2633	0.8319	0.9021	0.5765	0.2158	0.8342	0.4687
57.4	0.5289	0.2035	0.7814	0.8181	0.4528	0.1662	0.8449	0.4370
57.5	0.4650	0.3185	0.7452	0.8555	0.4720	0.0948	0.8322	0.5273
57.6	0.3696	0.2331	0.6754	0.8192	0.4242	0.0630	0.7412	0.3367
57.7	0.4568	0.2224	0.6791	0.8493	0.4338	0.1424	0.7401	0.3228
57.8	0.5384	0.2960	0.7734	0.8966	0.4569	0.1185	0.8149	0.4495
57.9	0.6213	0.4207	0.7609	0.9152	0.5014	0.2142	0.8210	0.5047
58.0	0.6499	0.3706	0.7797	0.9257	0.5325	0.2733	0.8008	0.4313
58.1	0.4796	0.2121	0.6917	0.9150	0.5142	0.2198	0.7874	0.2458
58.2	0.5219	0.2788	0.7148	0.8956	0.4477	0.1801	0.8068	0.2491
58.3	0.5888	0.3120	0.7211	0.9187	0.3906	0.1632	0.7230	0.3037
58.4	0.6743	0.3019	0.6956	0.9262	0.3605	0.2158	0.6361	0.1886
58.5	0.7133	0.4105	0.8437	0.9475	0.5058	0.2135	0.7083	0.1787
58.6	0.6927	0.4216	0.8141	0.9306	0.4537	0.1819	0.6255	0.1010
58.7	0.6515	0.3537	0.7603	0.9244	0.3082	0.1706	0.6337	0.2026
58.8	0.7142	0.4055	0.7863	0.9207	0.3155	0.2478	0.6969	0.2702
58.9	0.6116	0.2516	0.7853	0.9287	0.4077	0.1481	0.6097	0.0882
59.0	0.6607	0.2368	0.8230	0.9327	0.3115	0.2360	0.5934	0.0052
59.1	0.6627	0.2835	0.7933	0.9386	0.2319	0.2311	0.5532	0.0651
59.2	0.7059	0.3565	0.8022	0.9591	0.1842	0.1453	0.5024	0.1768
59.3	0.6988	0.3875	0.8245	0.9531	0.2352	0.3333	0.6506	0.2162
59.4	0.6064	0.3070	0.7560	0.9469	0.2025	0.3879	0.6779	0.1956
59.5	0.6606	0.3357	0.8735	0.9578	0.1886	0.4812	0.6905	0.3332

59.6	0.6728	0.3217	0.9115	0.9574	0.1486	0.4693	0.5361	0.3731
59.7	0.6579	0.3481	0.8945	0.9629	0.0791	0.5073	0.4917	0.4872
59.8	0.6795	0.3188	0.8807	0.9536	0.1265	0.4623	0.6068	0.4005
59.9	0.0651	0.0180	0.1534	0.4708	0.0632	0.0952	0.1867	0.0564
60.0	0.0249	0.0262	0.0810	0.0958	0.0228	0.0460	0.0495	0.0535
60.1	0.0212	0.0264	0.1332	0.3267	0.0240	0.0733	0.0597	0.0836
60.2	0.4209	0.0775	0.8637	0.9620	0.1463	0.5104	0.4637	0.4885
60.3	0.6517	0.2845	0.9023	0.9665	0.1608	0.5440	0.5651	0.5744
60.4	0.6801	0.4394	0.9152	0.9737	0.2802	0.6381	0.6300	0.6850
60.5	0.6825	0.3484	0.9175	0.9682	0.3055	0.6805	0.6925	0.6024
60.6	0.6896	0.2066	0.9230	0.9718	0.2941	0.7110	0.6422	0.6453
60.7	0.6286	0.0558	0.9157	0.9558	0.2082	0.5253	0.5365	0.6467
60.8	0.6632	0.2938	0.9383	0.9612	0.3182	0.4622	0.5521	0.6878
60.9	0.7723	0.3847	0.9412	0.9760	0.4034	0.6023	0.5829	0.7691
61.0	0.8197	0.4028	0.9461	0.9795	0.3701	0.7134	0.5700	0.8165
61.1	0.7544	0.2185	0.9265	0.9693	0.3221	0.7097	0.5901	0.8132
61.2	0.6996	0.1622	0.9153	0.9665	0.4826	0.7126	0.6181	0.8239
61.3	0.6255	0.2568	0.9255	0.9579	0.3783	0.6820	0.3924	0.7981
61.4	0.6930	0.2883	0.9508	0.9614	0.3771	0.7209	0.4069	0.7673
61.5	0.7153	0.1128	0.9455	0.9688	0.3902	0.6926	0.4098	0.7531
61.6	0.7432	0.0675	0.9528	0.9778	0.5311	0.7856	0.4151	0.8601
61.7	0.7282	0.2127	0.9469	0.9789	0.5409	0.8311	0.4378	0.8827
61.8	0.7452	0.2230	0.9489	0.9749	0.5639	0.8262	0.4457	0.8858
61.9	0.7415	0.2505	0.9637	0.9773	0.6339	0.7970	0.2550	0.8732
62.0	0.7648	0.1859	0.9730	0.9843	0.6848	0.8650	0.3070	0.9058
62.1	0.7547	0.2409	0.9704	0.9840	0.7246	0.8427	0.2483	0.9048
62.2	0.8193	0.2293	0.9666	0.9819	0.6694	0.7985	0.2274	0.8943
62.3	0.7727	0.0961	0.9642	0.9806	0.6040	0.7794	0.2753	0.9128
62.4	0.7894	0.1158	0.9700	0.9834	0.6697	0.8422	0.2285	0.9144
62.5	0.8549	0.0739	0.9792	0.9839	0.7167	0.8575	0.2270	0.9064
62.6	0.8086	0.0754	0.9786	0.9821	0.6477	0.8223	0.2411	0.8845
62.7	0.7198	0.1148	0.9782	0.9788	0.5913	0.7589	0.2871	0.8894
62.8	0.7213	0.0325	0.9759	0.9848	0.6467	0.8178	0.2948	0.9247
62.9	0.7666	0.0662	0.9752	0.9848	0.6755	0.8568	0.2539	0.9203
63.0	0.8322	0.1253	0.9784	0.9895	0.6933	0.8370	0.2728	0.9255
63.1	0.8460	0.0458	0.9820	0.9869	0.7233	0.8315	0.1788	0.9405
63.2	0.8494	0.0060	0.9791	0.9921	0.7617	0.8758	0.3118	0.9429
63.3	0.8184	0.0007	0.9789	0.9935	0.7626	0.8714	0.4450	0.9341
63.4	0.8071	0.0095	0.9774	0.9892	0.7214	0.8200	0.4302	0.9138
63.5	0.7399	0.0131	0.9810	0.9852	0.6713	0.7342	0.3473	0.8813
63.6	0.8150	0.0048	0.9847	0.9900	0.6780	0.7920	0.4655	0.9215
63.7	0.8236	0.0293	0.9796	0.9883	0.6251	0.7906	0.3817	0.9179
63.8	0.8218	0.0702	0.9798	0.9904	0.7013	0.7993	0.3722	0.9276
63.9	0.8001	0.0181	0.9804	0.9914	0.6922	0.7612	0.3759	0.9033
64.0	0.8204	0.0189	0.9793	0.9913	0.6223	0.7301	0.4633	0.8749
64.1	0.8294	0.1132	0.9817	0.9890	0.6190	0.6965	0.3595	0.8455
64.2	0.8185	0.1019	0.9832	0.9884	0.4994	0.6306	0.2300	0.8118
64.3	0.8283	0.0639	0.9846	0.9901	0.5522	0.6030	0.3414	0.8318
64.4	0.8240	0.0668	0.9869	0.9904	0.5425	0.5908	0.4563	0.7812
64.5	0.7889	0.0575	0.9862	0.9881	0.3901	0.4434	0.5252	0.6947
64.6	0.7945	0.1694	0.9831	0.9881	0.2970	0.4105	0.6127	0.6379
64.7	0.8043	0.1961	0.9769	0.9859	0.2203	0.2558	0.5928	0.5975
64.8	0.7291	0.1166	0.9749	0.9850	0.0720	0.1545	0.6970	0.5268
64.9	0.6958	0.1299	0.9779	0.9800	0.0214	0.0374	0.6671	0.4983
65.0	0.7852	0.2836	0.9845	0.9842	0.0414	0.1037	0.7014	0.7019
65.1	0.8357	0.3158	0.9818	0.9845	0.0226	0.0432	0.7049	0.7209
65.2	0.8030	0.2744	0.9842	0.9880	0.0008	0.0369	0.8285	0.7901
65.3	0.7451	0.2773	0.9752	0.9880	0.0311	0.1478	0.8094	0.8551
65.4	0.7726	0.3966	0.9729	0.9839	0.1993	0.3050	0.8243	0.8529
65.5	0.7937	0.5246	0.9834	0.9893	0.4639	0.5142	0.8912	0.8773
65.6	0.8075	0.5605	0.9846	0.9886	0.5787	0.6404	0.8986	0.9071
65.7	0.8124	0.5435	0.9801	0.9866	0.6616	0.6743	0.8955	0.9133
65.8	0.8329	0.5595	0.9829	0.9843	0.6166	0.6555	0.9016	0.8966
65.9	0.8076	0.4844	0.9847	0.9800	0.6611	0.6808	0.8956	0.9032
66.0	0.7348	0.4397	0.9691	0.9756	0.6519	0.7518	0.8803	0.8864
66.1	0.8297	0.5817	0.9768	0.9846	0.7716	0.8245	0.9365	0.9429
66.2	0.8487	0.6393	0.9790	0.9832	0.8346	0.8441	0.9350	0.9403
66.3	0.8620	0.7018	0.9778	0.9829	0.8567	0.8372	0.9406	0.9412
66.4	0.8469	0.6772	0.9790	0.9841	0.8607	0.8578	0.9440	0.9523
66.5	0.8569	0.6199	0.9746	0.9795	0.8818	0.8474	0.9226	0.9470
66.6	0.8610	0.5958	0.9790	0.9836	0.8686	0.8739	0.8990	0.9500
66.7	0.9004	0.6490	0.9826	0.9865	0.9045	0.9041	0.9377	0.9648
66.8	0.8975	0.7270	0.9835	0.9825	0.9368	0.9470	0.9461	0.9741
66.9	0.8680	0.6393	0.9845	0.9819	0.9353	0.9330	0.9260	0.9693
67.0	0.8122	0.6768	0.9777	0.9797	0.9056	0.9138	0.9376	0.9674
67.1	0.8640	0.7227	0.9784	0.9831	0.9296	0.9431	0.9290	0.9613
67.2	0.8988	0.6386	0.9742	0.9824	0.9519	0.9517	0.9292	0.9642
67.3	0.8770	0.5157	0.9699	0.9797	0.9455	0.9473	0.9327	0.9493
67.4	0.8824	0.5460	0.9793	0.9822	0.9449	0.9411	0.9401	0.9644
67.5	0.8645	0.6102	0.9774	0.9835	0.9377	0.9404	0.9268	0.9742
67.6	0.8890	0.7022	0.9682	0.9786	0.9526	0.9458	0.9459	0.9724
67.7	0.8713	0.6284	0.9705	0.9778	0.9617	0.9481	0.9430	0.9724
67.8	0.8663	0.6997	0.9727	0.9769	0.9531	0.9614	0.9466	0.9717
67.9	0.9030	0.7144	0.9729	0.9754	0.9444	0.9699	0.9330	0.9651
68.0	0.8816	0.6846	0.9771	0.9775	0.9465	0.9602	0.9262	0.9687
68.1	0.8677	0.7160	0.9717	0.9795	0.9627	0.9657	0.9478	0.9739

68.2	0.8519	0.7171	0.9624	0.9727	0.9639	0.9619	0.9200	0.9714
68.3	0.8341	0.6685	0.9753	0.9796	0.9546	0.9628	0.9217	0.9716
68.4	0.8201	0.7066	0.9736	0.9783	0.9712	0.9598	0.9140	0.9626
68.5	0.8551	0.7465	0.9826	0.9817	0.9706	0.9619	0.9222	0.9685
68.6	0.8461	0.6912	0.9774	0.9792	0.9673	0.9631	0.8977	0.9642
68.7	0.8731	0.6546	0.9743	0.9789	0.9647	0.9608	0.8915	0.9615
68.8	0.8756	0.6781	0.9774	0.9820	0.9652	0.9667	0.8993	0.9679
68.9	0.8668	0.5974	0.9820	0.9816	0.9652	0.9696	0.8926	0.9800
69.0	0.8485	0.5345	0.9710	0.9719	0.9542	0.9679	0.8853	0.9685
69.1	0.8851	0.6740	0.9716	0.9701	0.9587	0.9651	0.9123	0.9688
69.2	0.9128	0.6569	0.9767	0.9715	0.9579	0.9575	0.9134	0.9703
69.3	0.9359	0.6596	0.9808	0.9817	0.9596	0.9679	0.9051	0.9736
69.4	0.8934	0.5414	0.9751	0.9789	0.9495	0.9651	0.9036	0.9689
69.5	0.8516	0.5664	0.9714	0.9724	0.9496	0.9570	0.9010	0.9687
69.6	0.8745	0.6088	0.9751	0.9771	0.9665	0.9627	0.9246	0.9736
69.7	0.8552	0.5871	0.9685	0.9732	0.9580	0.9543	0.9262	0.9668
69.8	0.8586	0.6220	0.9618	0.9737	0.9402	0.9386	0.9012	0.9672
69.9	0.8229	0.6571	0.9703	0.9722	0.9404	0.9541	0.9060	0.9683
70.0	0.8289	0.6691	0.9757	0.9813	0.9459	0.9469	0.9069	0.9680
70.1	0.8138	0.6886	0.9667	0.9737	0.9509	0.9409	0.8824	0.9697
70.2	0.7954	0.6586	0.9628	0.9664	0.9239	0.9361	0.8777	0.9709
70.3	0.8048	0.6199	0.9721	0.9731	0.9124	0.9473	0.9080	0.9735
70.4	0.8390	0.5953	0.9784	0.9727	0.9123	0.9417	0.9079	0.9755
70.5	0.8563	0.5778	0.9677	0.9669	0.9313	0.9425	0.8603	0.9763
70.6	0.8383	0.6238	0.9644	0.9628	0.9386	0.9404	0.8641	0.9743
70.7	0.7604	0.5225	0.9519	0.9560	0.9095	0.9345	0.8593	0.9762
70.8	0.7122	0.4470	0.9340	0.9407	0.8869	0.9261	0.8366	0.9694
70.9	0.7325	0.5730	0.9415	0.9526	0.8979	0.9136	0.8022	0.9718
71.0	0.7464	0.6257	0.9567	0.9520	0.9146	0.9183	0.8207	0.9766
71.1	0.8324	0.6774	0.9568	0.9494	0.9349	0.9362	0.8690	0.9841
71.2	0.7700	0.5935	0.9518	0.9500	0.9088	0.9223	0.8406	0.9771
71.3	0.8076	0.6271	0.9651	0.9594	0.9234	0.9194	0.8542	0.9816
71.4	0.8236	0.6121	0.9691	0.9569	0.9156	0.9271	0.8549	0.9798
71.5	0.8054	0.5668	0.9557	0.9616	0.9086	0.9175	0.8324	0.9796
71.6	0.8325	0.5535	0.9488	0.9559	0.9134	0.8987	0.8444	0.9820
71.7	0.8021	0.5834	0.9445	0.9475	0.9342	0.9228	0.8493	0.9846
71.8	0.7851	0.5650	0.9292	0.9232	0.9081	0.9052	0.7944	0.9760
71.9	0.7747	0.6741	0.9110	0.9241	0.8982	0.9107	0.7104	0.9791
72.0	0.7909	0.6978	0.9313	0.9278	0.9197	0.8949	0.7307	0.9719
72.1	0.7871	0.6961	0.9272	0.9237	0.9236	0.9095	0.6835	0.9758
72.2	0.7587	0.5920	0.9204	0.9313	0.9076	0.9121	0.7092	0.9789
72.3	0.7692	0.5958	0.9397	0.9301	0.9004	0.9085	0.6972	0.9823
72.4	0.8319	0.6763	0.9541	0.9428	0.9219	0.9145	0.5703	0.9806
72.5	0.8899	0.6812	0.9572	0.9464	0.9394	0.9371	0.5025	0.9846
72.6	0.8496	0.7000	0.9420	0.9409	0.9347	0.9391	0.5790	0.9805
72.7	0.8416	0.7492	0.9470	0.9431	0.9354	0.9401	0.5507	0.9786
72.8	0.8037	0.7358	0.9243	0.9388	0.9188	0.9248	0.4547	0.9775
72.9	0.8376	0.6649	0.9004	0.9160	0.9305	0.9022	0.3155	0.9714
73.0	0.8061	0.6224	0.8955	0.9168	0.9198	0.8927	0.1963	0.9725
73.1	0.8623	0.6583	0.9240	0.9321	0.9190	0.9088	0.1916	0.9774
73.2	0.8395	0.7616	0.9508	0.9339	0.9237	0.9352	0.1689	0.9752
73.3	0.8243	0.7523	0.9196	0.9076	0.9015	0.9046	0.0458	0.9660
73.4	0.8297	0.7448	0.9074	0.9061	0.9043	0.9105	0.0505	0.9662
73.5	0.8279	0.7652	0.8818	0.9014	0.9046	0.9007	0.0062	0.9669
73.6	0.8537	0.8033	0.8824	0.9243	0.9255	0.9065	0.0647	0.9666
73.7	0.8978	0.8075	0.9139	0.9400	0.9313	0.9130	0.1607	0.9642
73.8	0.9143	0.8389	0.9266	0.9322	0.9232	0.9110	0.0802	0.9736
73.9	0.9176	0.8728	0.9330	0.9275	0.9376	0.9131	0.1166	0.9759
74.0	0.8884	0.8351	0.9011	0.9205	0.9186	0.8955	0.1128	0.9667
74.1	0.8687	0.8103	0.9040	0.9019	0.8945	0.9109	0.1753	0.9665
74.2	0.9015	0.8669	0.9157	0.9244	0.9236	0.9191	0.2586	0.9701
74.3	0.8704	0.8564	0.8963	0.9281	0.9011	0.8944	0.2201	0.9683
74.4	0.8698	0.8055	0.8921	0.9293	0.9103	0.8870	0.3234	0.9569
74.5	0.8938	0.8313	0.9180	0.9282	0.9267	0.8903	0.4628	0.9638
74.6	0.9094	0.8265	0.9229	0.9212	0.9318	0.9220	0.6226	0.9673
74.7	0.9007	0.8253	0.8965	0.9103	0.9304	0.9194	0.6826	0.9628
74.8	0.9152	0.8503	0.9116	0.9226	0.9395	0.9303	0.7144	0.9740
74.9	0.9092	0.8102	0.9322	0.9309	0.9314	0.9365	0.6946	0.9724
75.0	0.9060	0.8573	0.9464	0.9403	0.9386	0.9280	0.7749	0.9688
75.1	0.9360	0.8777	0.9468	0.9578	0.9443	0.9353	0.7912	0.9699
75.2	0.9261	0.8478	0.9441	0.9483	0.9354	0.9078	0.7497	0.9666
75.3	0.9052	0.8383	0.9395	0.9433	0.9340	0.8947	0.7699	0.9652
75.4	0.8812	0.8327	0.9371	0.9513	0.9284	0.9040	0.7763	0.9649
75.5	0.9070	0.8263	0.9426	0.9245	0.9356	0.9129	0.8020	0.9648
75.6	0.9119	0.8571	0.9363	0.9224	0.9405	0.9302	0.8525	0.9669
75.7	0.8918	0.8730	0.9322	0.9431	0.9252	0.9190	0.8324	0.9613
75.8	0.8831	0.8646	0.9274	0.9192	0.9166	0.8911	0.8007	0.9563
75.9	0.8899	0.8618	0.9172	0.9177	0.9183	0.8779	0.8047	0.9577
76.0	0.8993	0.8887	0.9305	0.9172	0.9249	0.8916	0.8364	0.9658
76.1	0.9122	0.9096	0.9320	0.9371	0.9189	0.8962	0.8617	0.9663
76.2	0.8980	0.8697	0.9340	0.9340	0.9154	0.8783	0.8124	0.9628
76.3	0.8779	0.8659	0.9384	0.9169	0.9310	0.8799	0.8239	0.9639
76.4	0.8615	0.8676	0.9144	0.9262	0.9179	0.8807	0.8436	0.9558
76.5	0.8862	0.8500	0.9248	0.9046	0.9097	0.9005	0.8614	0.9540
76.6	0.8814	0.8794	0.9387	0.9128	0.9354	0.9100	0.8761	0.9619
76.7	0.8524	0.8765	0.9212	0.9232	0.9391	0.9167	0.8815	0.9588

76.8	0.8785	0.9015	0.9129	0.9316	0.9251	0.9086	0.8709	0.9536
76.9	0.8404	0.9031	0.9132	0.9285	0.9211	0.9081	0.8912	0.9494
77.0	0.7912	0.8676	0.9028	0.9009	0.9039	0.9028	0.8475	0.9438
77.1	0.7979	0.7911	0.8761	0.9133	0.8794	0.8312	0.7747	0.9443
77.2	0.8351	0.8492	0.8683	0.9177	0.8793	0.8585	0.8257	0.9473
77.3	0.8643	0.8974	0.9036	0.9187	0.9021	0.8602	0.8889	0.9581
77.4	0.8594	0.8964	0.9080	0.9147	0.9089	0.8755	0.8960	0.9621
77.5	0.8284	0.8634	0.8927	0.8963	0.9047	0.8600	0.8875	0.9560
77.6	0.7216	0.8683	0.8879	0.9118	0.8903	0.8795	0.8887	0.9517
77.7	0.7449	0.8569	0.8643	0.8998	0.8960	0.8628	0.9010	0.9305
77.8	0.8138	0.8781	0.8805	0.9199	0.9182	0.8726	0.9281	0.9385
77.9	0.8092	0.8725	0.8973	0.9239	0.8964	0.9175	0.9163	0.9421
78.0	0.7848	0.8373	0.8671	0.9155	0.8981	0.9059	0.9178	0.9522
78.1	0.7380	0.8578	0.8951	0.9307	0.9207	0.8779	0.9531	0.9649
78.2	0.7204	0.8604	0.8928	0.9313	0.9078	0.8951	0.9474	0.9599
78.3	0.6932	0.8470	0.8681	0.9130	0.9100	0.8964	0.9233	0.9563
78.4	0.7158	0.8227	0.8564	0.9024	0.9062	0.8749	0.9281	0.9625
78.5	0.6915	0.8257	0.8680	0.9059	0.9099	0.8849	0.9405	0.9518
78.6	0.6350	0.8496	0.8192	0.9043	0.9250	0.8836	0.9481	0.9600
78.7	0.5809	0.8183	0.8441	0.9131	0.8915	0.8627	0.9333	0.9463
78.8	0.6195	0.7486	0.8724	0.9067	0.8586	0.8672	0.9393	0.9471
78.9	0.6997	0.6736	0.9003	0.8834	0.8898	0.8955	0.9457	0.9591
79.0	0.6796	0.5980	0.8986	0.8835	0.9161	0.9017	0.9430	0.9599
79.1	0.6689	0.8190	0.9060	0.9381	0.9281	0.9014	0.9571	0.9673
79.2	0.5654	0.8027	0.8529	0.9254	0.9219	0.8887	0.9421	0.9643
79.3	0.4324	0.7883	0.7885	0.8974	0.9218	0.8851	0.9291	0.9489
79.4	0.3878	0.8681	0.8543	0.9187	0.8879	0.8586	0.9349	0.9549
79.5	0.4783	0.8554	0.8699	0.9337	0.8977	0.8763	0.9489	0.9537
79.6	0.5380	0.8319	0.8601	0.9311	0.9133	0.8851	0.9521	0.9544
79.7	0.5739	0.8356	0.8361	0.9195	0.9003	0.8691	0.9433	0.9532
79.8	0.5015	0.8055	0.8369	0.9200	0.8985	0.8352	0.9483	0.9585
79.9	0.5424	0.8717	0.8490	0.9324	0.9232	0.8704	0.9587	0.9659
80.0	0.5778	0.8972	0.8290	0.9371	0.9088	0.8744	0.9576	0.9690

1.2.6 Run 2 – IP270 – SF and shaft bending gauges

In-plane shaking at 270°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.6487	0.8748	0.9240	0.3471	0.9595	0.7809	0.9985	0.9437
0.1	0.0035	0.1305	0.6847	0.0315	0.7663	0.4749	0.9922	0.7235
0.2	0.9822	0.9843	0.9639	0.9718	0.9879	0.9868	0.9431	0.9123
0.3	0.9775	0.9828	0.9568	0.9727	0.9725	0.9737	0.8465	0.7919
0.4	0.9214	0.9630	0.8902	0.9405	0.6206	0.7222	0.0981	0.0796
0.5	0.9454	0.9685	0.9309	0.9538	0.8834	0.9041	0.7934	0.7927
0.6	0.9882	0.9926	0.9832	0.9893	0.9888	0.9886	0.9738	0.9700
0.7	0.9947	0.9976	0.9947	0.9965	0.9975	0.9977	0.9941	0.9935
0.8	0.9970	0.9990	0.9982	0.9986	0.9990	0.9989	0.9972	0.9970
0.9	0.9977	0.9994	0.9989	0.9992	0.9968	0.9977	0.9910	0.9911
1.0	0.9968	0.9989	0.9989	0.9992	0.9781	0.9889	0.9478	0.9550
1.1	0.9963	0.9984	0.9990	0.9991	0.9910	0.9948	0.9822	0.9821
1.2	0.9901	0.9965	0.9985	0.9988	0.9911	0.9947	0.9946	0.9889
1.3	0.9871	0.9950	0.9978	0.9981	0.9870	0.9946	0.9936	0.9893
1.4	0.9943	0.9870	0.9978	0.9977	0.9937	0.9984	0.9966	0.9968
1.5	0.9926	0.9785	0.9950	0.9951	0.9948	0.9988	0.9969	0.9975
1.6	0.9913	0.9895	0.9945	0.9947	0.9990	0.9997	0.9993	0.9995
1.7	0.9814	0.9823	0.9870	0.9877	0.9993	0.9996	0.9994	0.9994
1.8	0.9558	0.9577	0.9678	0.9688	0.9989	0.9989	0.9989	0.9987
1.9	0.8819	0.8827	0.9110	0.9137	0.9975	0.9974	0.9974	0.9971
2.0	0.8285	0.8446	0.8906	0.8978	0.9984	0.9983	0.9984	0.9981
2.1	0.8664	0.8991	0.9303	0.9364	0.9992	0.9992	0.9992	0.9991
2.2	0.9449	0.9645	0.9761	0.9784	0.9996	0.9996	0.9997	0.9993
2.3	0.9600	0.9753	0.9834	0.9845	0.9989	0.9991	0.9993	0.9983
2.4	0.9757	0.9876	0.9905	0.9917	0.9993	0.9998	0.9994	0.9995
2.5	0.9850	0.9924	0.9941	0.9948	0.9999	0.9999	0.9999	0.9999
2.6	0.9890	0.9946	0.9957	0.9961	0.9999	0.9999	0.9999	0.9999
2.7	0.9926	0.9967	0.9972	0.9974	1.0000	1.0000	1.0000	0.9999
2.8	0.9924	0.9968	0.9972	0.9975	1.0000	0.9999	0.9999	0.9999
2.9	0.9918	0.9965	0.9969	0.9972	1.0000	0.9999	0.9999	0.9999
3.0	0.9875	0.9950	0.9954	0.9957	0.9999	0.9999	0.9999	0.9999
3.1	0.9806	0.9924	0.9928	0.9933	0.9999	0.9999	0.9999	0.9998
3.2	0.9849	0.9942	0.9945	0.9949	0.9999	0.9999	0.9999	0.9998
3.3	0.9851	0.9943	0.9945	0.9949	0.9999	0.9999	0.9999	0.9999
3.4	0.9856	0.9946	0.9949	0.9951	0.9999	0.9999	0.9999	0.9999
3.5	0.9828	0.9936	0.9939	0.9943	0.9998	0.9999	0.9999	0.9998
3.6	0.9846	0.9945	0.9946	0.9950	0.9999	0.9999	0.9999	0.9998
3.7	0.9871	0.9954	0.9954	0.9958	0.9999	0.9999	0.9999	0.9998
3.8	0.9885	0.9957	0.9957	0.9962	0.9999	0.9999	0.9999	0.9998
3.9	0.9876	0.9953	0.9952	0.9957	0.9998	0.9999	0.9999	0.9998
4.0	0.9912	0.9966	0.9965	0.9969	0.9999	0.9999	0.9999	0.9999
4.1	0.9919	0.9969	0.9969	0.9973	0.9999	0.9999	0.9999	0.9999
4.2	0.9916	0.9967	0.9966	0.9972	0.9999	0.9999	0.9999	0.9998
4.3	0.9927	0.9971	0.9970	0.9973	0.9999	0.9999	0.9999	0.9998
4.4	0.9937	0.9975	0.9975	0.9976	0.9999	0.9999	0.9999	0.9999
4.5	0.9969	0.9988	0.9988	0.9988	0.9999	1.0000	0.9999	0.9999
4.6	0.9975	0.9990	0.9990	0.9990	0.9999	1.0000	0.9999	0.9999
4.7	0.9960	0.9984	0.9985	0.9984	0.9999	0.9999	0.9998	0.9999
4.8	0.9970	0.9988	0.9988	0.9988	0.9999	0.9999	0.9999	0.9999
4.9	0.9980	0.9992	0.9991	0.9992	0.9999	1.0000	0.9999	0.9999
5.0	0.9989	0.9996	0.9996	0.9996	0.9999	1.0000	0.9999	0.9999
5.1	0.9989	0.9996	0.9995	0.9996	0.9999	1.0000	0.9999	0.9999
5.2	0.9990	0.9996	0.9996	0.9996	0.9999	1.0000	0.9999	0.9999
5.3	0.9988	0.9995	0.9994	0.9995	0.9999	1.0000	0.9999	0.9999
5.4	0.9987	0.9994	0.9994	0.9995	0.9999	1.0000	0.9999	0.9999
5.5	0.9985	0.9992	0.9993	0.9993	0.9999	1.0000	0.9999	0.9999
5.6	0.9983	0.9990	0.9991	0.9992	0.9999	0.9999	0.9999	0.9999
5.7	0.9975	0.9985	0.9986	0.9989	0.9999	0.9999	0.9998	0.9999
5.8	0.9972	0.9985	0.9987	0.9988	0.9998	0.9999	0.9999	0.9999
5.9	0.9967	0.9981	0.9983	0.9985	0.9998	0.9999	0.9999	0.9999
6.0	0.9966	0.9981	0.9982	0.9985	0.9999	0.9999	0.9999	0.9999
6.1	0.9974	0.9985	0.9986	0.9989	0.9999	0.9999	0.9999	0.9999
6.2	0.9962	0.9979	0.9981	0.9984	0.9998	0.9999	0.9998	0.9999
6.3	0.9964	0.9980	0.9982	0.9984	0.9998	0.9999	0.9998	0.9999
6.4	0.9974	0.9985	0.9987	0.9987	0.9998	0.9999	0.9998	0.9999
6.5	0.9972	0.9984	0.9986	0.9987	0.9998	1.0000	0.9999	0.9999
6.6	0.9972	0.9986	0.9987	0.9989	0.9998	1.0000	0.9999	0.9999
6.7	0.9968	0.9984	0.9986	0.9987	0.9997	0.9999	0.9998	0.9999
6.8	0.9969	0.9984	0.9987	0.9987	0.9997	0.9999	0.9998	0.9999
6.9	0.9972	0.9984	0.9986	0.9987	0.9997	0.9999	0.9997	0.9999
7.0	0.9980	0.9988	0.9990	0.9990	0.9997	0.9999	0.9998	0.9998
7.1	0.9982	0.9990	0.9992	0.9989	0.9997	0.9999	0.9998	0.9997
7.2	0.9991	0.9995	0.9995	0.9993	0.9997	0.9999	0.9998	0.9997
7.3	0.9993	0.9996	0.9996	0.9995	0.9997	0.9999	0.9998	0.9998
7.4	0.9994	0.9996	0.9996	0.9996	0.9997	0.9999	0.9999	0.9999
7.5	0.9994	0.9997	0.9996	0.9996	0.9998	0.9999	0.9999	0.9998
7.6	0.9993	0.9996	0.9995	0.9996	0.9998	0.9999	0.9998	0.9998
7.7	0.9989	0.9994	0.9994	0.9994	0.9996	0.9999	0.9997	0.9998
7.8	0.9992	0.9996	0.9996	0.9996	0.9997	0.9999	0.9998	0.9999
7.9	0.9995	0.9998	0.9996	0.9997	0.9998	0.9999	0.9998	0.9999

8.0	0.9995	0.9997	0.9997	0.9997	0.9998	0.9999	0.9999	0.9999
8.1	0.9995	0.9996	0.9997	0.9997	0.9998	0.9999	0.9999	0.9998
8.2	0.9995	0.9997	0.9997	0.9997	0.9998	0.9999	0.9998	0.9998
8.3	0.9997	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999
8.4	0.9997	0.9997	0.9997	0.9998	0.9997	0.9999	0.9998	0.9998
8.5	0.9996	0.9997	0.9997	0.9998	0.9997	0.9999	0.9998	0.9998
8.6	0.9997	0.9998	0.9998	0.9998	0.9997	0.9999	0.9998	0.9998
8.7	0.9997	0.9998	0.9998	0.9998	0.9998	0.9999	0.9998	0.9998
8.8	0.9997	0.9998	0.9998	0.9998	0.9997	0.9999	0.9998	0.9998
8.9	0.9996	0.9997	0.9997	0.9997	0.9996	0.9999	0.9998	0.9998
9.0	0.9997	0.9997	0.9997	0.9997	0.9997	0.9999	0.9998	0.9998
9.1	0.9998	0.9997	0.9997	0.9998	0.9997	0.9999	0.9998	0.9998
9.2	0.9997	0.9997	0.9998	0.9997	0.9998	0.9999	0.9998	0.9997
9.3	0.9997	0.9997	0.9997	0.9998	0.9998	0.9998	0.9998	0.9996
9.4	0.9998	0.9998	0.9998	0.9998	0.9997	0.9999	0.9998	0.9998
9.5	0.9998	0.9998	0.9998	0.9998	0.9997	0.9999	0.9998	0.9998
9.6	0.9997	0.9997	0.9997	0.9997	0.9997	0.9999	0.9998	0.9998
9.7	0.9996	0.9996	0.9997	0.9997	0.9996	0.9999	0.9997	0.9998
9.8	0.9996	0.9996	0.9996	0.9997	0.9995	0.9999	0.9996	0.9997
9.9	0.9996	0.9997	0.9997	0.9997	0.9996	0.9999	0.9997	0.9998
10.0	0.9996	0.9996	0.9996	0.9997	0.9996	0.9999	0.9997	0.9998
10.1	0.9997	0.9995	0.9996	0.9997	0.9997	0.9999	0.9997	0.9998
10.2	0.9996	0.9994	0.9995	0.9996	0.9995	0.9999	0.9997	0.9998
10.3	0.9996	0.9995	0.9997	0.9996	0.9996	0.9999	0.9997	0.9998
10.4	0.9994	0.9996	0.9997	0.9995	0.9997	0.9999	0.9997	0.9997
10.5	0.9992	0.9995	0.9995	0.9994	0.9995	0.9998	0.9997	0.9997
10.6	0.9993	0.9995	0.9996	0.9995	0.9996	0.9999	0.9997	0.9998
10.7	0.9996	0.9996	0.9996	0.9996	0.9997	0.9999	0.9997	0.9998
10.8	0.9991	0.9993	0.9994	0.9995	0.9995	0.9999	0.9995	0.9998
10.9	0.9992	0.9993	0.9994	0.9995	0.9996	0.9999	0.9997	0.9998
11.0	0.9992	0.9993	0.9994	0.9995	0.9997	0.9999	0.9997	0.9998
11.1	0.9989	0.9990	0.9992	0.9993	0.9995	0.9997	0.9995	0.9996
11.2	0.9990	0.9990	0.9992	0.9993	0.9996	0.9998	0.9995	0.9996
11.3	0.9991	0.9990	0.9993	0.9993	0.9995	0.9998	0.9996	0.9996
11.4	0.9992	0.9992	0.9994	0.9995	0.9996	0.9998	0.9997	0.9998
11.5	0.9991	0.9992	0.9993	0.9994	0.9996	0.9998	0.9997	0.9997
11.6	0.9991	0.9991	0.9992	0.9993	0.9996	0.9997	0.9996	0.9996
11.7	0.9986	0.9987	0.9989	0.9989	0.9992	0.9996	0.9992	0.9994
11.8	0.9992	0.9991	0.9994	0.9993	0.9995	0.9997	0.9994	0.9995
11.9	0.9992	0.9993	0.9994	0.9994	0.9994	0.9997	0.9994	0.9996
12.0	0.9990	0.9989	0.9992	0.9992	0.9992	0.9996	0.9991	0.9994
12.1	0.9990	0.9991	0.9992	0.9993	0.9994	0.9995	0.9993	0.9993
12.2	0.9992	0.9992	0.9993	0.9993	0.9994	0.9996	0.9993	0.9995
12.3	0.9993	0.9992	0.9994	0.9994	0.9995	0.9996	0.9994	0.9995
12.4	0.9991	0.9991	0.9992	0.9992	0.9995	0.9995	0.9995	0.9993
12.5	0.9990	0.9989	0.9991	0.9992	0.9994	0.9995	0.9994	0.9993
12.6	0.9993	0.9991	0.9993	0.9992	0.9995	0.9996	0.9994	0.9994
12.7	0.9993	0.9992	0.9993	0.9993	0.9994	0.9995	0.9994	0.9994
12.8	0.9993	0.9992	0.9994	0.9994	0.9994	0.9996	0.9993	0.9995
12.9	0.9993	0.9992	0.9994	0.9994	0.9993	0.9995	0.9992	0.9994
13.0	0.9994	0.9992	0.9994	0.9994	0.9995	0.9996	0.9995	0.9995
13.1	0.9996	0.9994	0.9995	0.9995	0.9995	0.9996	0.9994	0.9995
13.2	0.9995	0.9994	0.9995	0.9994	0.9995	0.9995	0.9993	0.9994
13.3	0.9995	0.9994	0.9995	0.9994	0.9996	0.9996	0.9994	0.9994
13.4	0.9992	0.9991	0.9991	0.9992	0.9993	0.9994	0.9992	0.9992
13.5	0.9992	0.9990	0.9993	0.9992	0.9994	0.9994	0.9993	0.9993
13.6	0.9989	0.9986	0.9990	0.9989	0.9991	0.9993	0.9989	0.9992
13.7	0.9987	0.9984	0.9987	0.9986	0.9989	0.9991	0.9987	0.9989
13.8	0.9991	0.9988	0.9990	0.9990	0.9991	0.9993	0.9989	0.9991
13.9	0.9991	0.9989	0.9990	0.9991	0.9991	0.9993	0.9990	0.9992
14.0	0.9988	0.9988	0.9989	0.9989	0.9990	0.9992	0.9989	0.9991
14.1	0.9987	0.9987	0.9986	0.9987	0.9990	0.9989	0.9988	0.9987
14.2	0.9982	0.9982	0.9983	0.9982	0.9985	0.9987	0.9983	0.9985
14.3	0.9985	0.9984	0.9985	0.9985	0.9987	0.9988	0.9985	0.9986
14.4	0.9982	0.9980	0.9983	0.9982	0.9985	0.9985	0.9983	0.9983
14.5	0.9978	0.9976	0.9978	0.9977	0.9982	0.9982	0.9979	0.9979
14.6	0.9955	0.9955	0.9956	0.9955	0.9962	0.9968	0.9960	0.9965
14.7	0.9974	0.9974	0.9974	0.9974	0.9979	0.9980	0.9977	0.9978
14.8	0.9979	0.9978	0.9980	0.9980	0.9984	0.9983	0.9982	0.9981
14.9	0.9985	0.9983	0.9986	0.9986	0.9988	0.9987	0.9986	0.9985
15.0	0.9948	0.9935	0.9947	0.9947	0.9957	0.9957	0.9952	0.9953
15.1	0.9930	0.9907	0.9922	0.9925	0.9939	0.9941	0.9931	0.9938
15.2	0.9942	0.9937	0.9941	0.9942	0.9950	0.9952	0.9947	0.9949
15.3	0.9896	0.9892	0.9899	0.9896	0.9907	0.9913	0.9903	0.9909
15.4	0.9856	0.9854	0.9858	0.9856	0.9867	0.9878	0.9860	0.9875
15.5	0.9831	0.9831	0.9836	0.9835	0.9836	0.9860	0.9834	0.9859
15.6	0.9688	0.9687	0.9692	0.9694	0.9701	0.9730	0.9697	0.9727
15.7	0.9677	0.9676	0.9679	0.9679	0.9684	0.9709	0.9681	0.9709
15.8	0.9564	0.9567	0.9567	0.9568	0.9574	0.9601	0.9574	0.9602
15.9	0.9649	0.9650	0.9653	0.9652	0.9653	0.9665	0.9651	0.9666
16.0	0.9746	0.9745	0.9745	0.9747	0.9748	0.9753	0.9751	0.9754
16.1	0.9721	0.9723	0.9718	0.9723	0.9718	0.9721	0.9727	0.9724
16.2	0.9847	0.9850	0.9848	0.9848	0.9843	0.9843	0.9850	0.9844
16.3	0.9900	0.9902	0.9901	0.9901	0.9907	0.9893	0.9911	0.9892
16.4	0.9909	0.9910	0.9909	0.9910	0.9925	0.9893	0.9927	0.9887
16.5	0.9935	0.9937	0.9937	0.9937	0.9937	0.9918	0.9942	0.9907

16.6	0.9964	0.9966	0.9965	0.9965	0.9943	0.9956	0.9951	0.9947
16.7	0.9972	0.9973	0.9972	0.9972	0.9922	0.9972	0.9936	0.9967
16.8	0.9886	0.9887	0.9883	0.9882	0.9777	0.9878	0.9800	0.9882
16.9	0.9843	0.9841	0.9837	0.9837	0.9747	0.9784	0.9766	0.9770
17.0	0.9949	0.9950	0.9949	0.9946	0.9874	0.9917	0.9893	0.9893
17.1	0.9951	0.9950	0.9949	0.9945	0.9735	0.9829	0.9799	0.9748
17.2	0.9914	0.9913	0.9911	0.9905	0.9587	0.9791	0.9695	0.9724
17.3	0.9954	0.9954	0.9954	0.9952	0.9802	0.9893	0.9868	0.9867
17.4	0.9965	0.9964	0.9964	0.9962	0.9901	0.9933	0.9929	0.9925
17.5	0.9980	0.9980	0.9980	0.9979	0.9921	0.9972	0.9946	0.9969
17.6	0.9981	0.9981	0.9981	0.9981	0.9917	0.9974	0.9945	0.9971
17.7	0.9986	0.9987	0.9987	0.9986	0.9943	0.9978	0.9960	0.9977
17.8	0.9989	0.9989	0.9989	0.9989	0.9952	0.9984	0.9965	0.9984
17.9	0.9994	0.9994	0.9994	0.9995	0.9965	0.9987	0.9975	0.9986
18.0	0.9991	0.9991	0.9991	0.9991	0.9972	0.9976	0.9979	0.9973
18.1	0.9990	0.9991	0.9989	0.9990	0.9981	0.9980	0.9985	0.9979
18.2	0.9991	0.9992	0.9992	0.9992	0.9986	0.9985	0.9990	0.9984
18.3	0.9990	0.9991	0.9990	0.9991	0.9982	0.9985	0.9986	0.9985
18.4	0.9989	0.9990	0.9988	0.9990	0.9977	0.9983	0.9985	0.9983
18.5	0.9989	0.9990	0.9988	0.9991	0.9963	0.9985	0.9976	0.9986
18.6	0.9994	0.9994	0.9994	0.9994	0.9963	0.9991	0.9978	0.9989
18.7	0.9995	0.9996	0.9996	0.9996	0.9988	0.9990	0.9993	0.9989
18.8	0.9995	0.9995	0.9995	0.9995	0.9992	0.9988	0.9994	0.9988
18.9	0.9994	0.9994	0.9994	0.9993	0.9988	0.9987	0.9992	0.9987
19.0	0.9990	0.9992	0.9990	0.9990	0.9981	0.9980	0.9987	0.9981
19.1	0.9992	0.9993	0.9992	0.9991	0.9983	0.9979	0.9987	0.9980
19.2	0.9992	0.9992	0.9991	0.9992	0.9981	0.9980	0.9987	0.9981
19.3	0.9990	0.9991	0.9989	0.9990	0.9981	0.9979	0.9987	0.9980
19.4	0.9988	0.9990	0.9988	0.9989	0.9980	0.9980	0.9988	0.9981
19.5	0.9987	0.9989	0.9988	0.9989	0.9981	0.9983	0.9989	0.9984
19.6	0.9988	0.9991	0.9990	0.9990	0.9983	0.9985	0.9991	0.9986
19.7	0.9990	0.9992	0.9992	0.9993	0.9987	0.9991	0.9993	0.9992
19.8	0.9991	0.9992	0.9992	0.9993	0.9988	0.9992	0.9994	0.9993
19.9	0.9990	0.9992	0.9991	0.9992	0.9986	0.9992	0.9993	0.9992
20.0	0.9988	0.9991	0.9991	0.9992	0.9989	0.9990	0.9995	0.9990
20.1	0.9982	0.9985	0.9987	0.9988	0.9986	0.9986	0.9993	0.9987
20.2	0.9991	0.9992	0.9993	0.9993	0.9992	0.9990	0.9996	0.9991
20.3	0.9993	0.9992	0.9992	0.9993	0.9990	0.9990	0.9995	0.9991
20.4	0.9986	0.9985	0.9988	0.9988	0.9982	0.9984	0.9991	0.9986
20.5	0.9980	0.9983	0.9985	0.9986	0.9987	0.9988	0.9993	0.9989
20.6	0.9987	0.9986	0.9990	0.9988	0.9990	0.9988	0.9993	0.9989
20.7	0.9988	0.9986	0.9989	0.9989	0.9990	0.9985	0.9993	0.9986
20.8	0.9990	0.9986	0.9989	0.9990	0.9993	0.9987	0.9995	0.9989
20.9	0.9984	0.9980	0.9985	0.9986	0.9991	0.9989	0.9995	0.9990
21.0	0.9983	0.9977	0.9985	0.9984	0.9987	0.9986	0.9992	0.9988
21.1	0.9976	0.9965	0.9978	0.9977	0.9982	0.9986	0.9992	0.9988
21.2	0.9978	0.9968	0.9980	0.9981	0.9987	0.9987	0.9992	0.9989
21.3	0.9976	0.9964	0.9975	0.9978	0.9986	0.9986	0.9993	0.9989
21.4	0.9977	0.9964	0.9976	0.9978	0.9985	0.9988	0.9993	0.9990
21.5	0.9964	0.9944	0.9965	0.9967	0.9986	0.9985	0.9992	0.9987
21.6	0.9965	0.9946	0.9964	0.9968	0.9987	0.9985	0.9993	0.9986
21.7	0.9956	0.9930	0.9957	0.9958	0.9986	0.9987	0.9993	0.9989
21.8	0.9953	0.9928	0.9957	0.9958	0.9984	0.9986	0.9992	0.9988
21.9	0.9944	0.9913	0.9946	0.9947	0.9985	0.9987	0.9992	0.9989
22.0	0.9907	0.9865	0.9919	0.9919	0.9985	0.9982	0.9990	0.9985
22.1	0.9899	0.9860	0.9912	0.9916	0.9984	0.9981	0.9991	0.9984
22.2	0.9886	0.9846	0.9903	0.9911	0.9971	0.9978	0.9987	0.9982
22.3	0.9860	0.9808	0.9876	0.9888	0.9967	0.9971	0.9984	0.9977
22.4	0.9839	0.9805	0.9878	0.9877	0.9947	0.9968	0.9970	0.9975
22.5	0.9782	0.9729	0.9829	0.9834	0.9940	0.9957	0.9961	0.9966
22.6	0.9810	0.9749	0.9837	0.9852	0.9972	0.9964	0.9983	0.9971
22.7	0.9805	0.9775	0.9846	0.9854	0.9969	0.9968	0.9984	0.9974
22.8	0.9713	0.9682	0.9781	0.9785	0.9968	0.9959	0.9978	0.9967
22.9	0.9568	0.9545	0.9665	0.9678	0.9962	0.9952	0.9972	0.9963
23.0	0.9648	0.9646	0.9721	0.9748	0.9967	0.9966	0.9980	0.9973
23.1	0.9733	0.9726	0.9788	0.9801	0.9969	0.9972	0.9983	0.9978
23.2	0.9561	0.9573	0.9650	0.9677	0.9969	0.9972	0.9983	0.9977
23.3	0.9427	0.9499	0.9561	0.9606	0.9973	0.9973	0.9984	0.9979
23.4	0.9385	0.9452	0.9525	0.9555	0.9976	0.9977	0.9985	0.9982
23.5	0.9304	0.9365	0.9492	0.9517	0.9968	0.9971	0.9983	0.9978
23.6	0.8968	0.9113	0.9355	0.9418	0.9971	0.9974	0.9985	0.9981
23.7	0.9120	0.9310	0.9517	0.9535	0.9974	0.9985	0.9988	0.9989
23.8	0.9207	0.9346	0.9571	0.9575	0.9976	0.9987	0.9991	0.9991
23.9	0.9406	0.9452	0.9662	0.9694	0.9976	0.9988	0.9992	0.9992
24.0	0.9383	0.9502	0.9657	0.9734	0.9973	0.9988	0.9993	0.9992
24.1	0.9341	0.9577	0.9686	0.9745	0.9976	0.9985	0.9991	0.9990
24.2	0.9380	0.9535	0.9666	0.9713	0.9967	0.9984	0.9991	0.9988
24.3	0.9469	0.9640	0.9746	0.9777	0.9966	0.9983	0.9991	0.9988
24.4	0.9663	0.9815	0.9852	0.9855	0.9977	0.9989	0.9995	0.9992
24.5	0.9634	0.9799	0.9828	0.9843	0.9968	0.9986	0.9993	0.9991
24.6	0.9754	0.9868	0.9886	0.9899	0.9971	0.9987	0.9993	0.9991
24.7	0.9804	0.9900	0.9918	0.9910	0.9972	0.9987	0.9993	0.9992
24.8	0.9827	0.9899	0.9922	0.9907	0.9968	0.9987	0.9993	0.9992
24.9	0.9823	0.9887	0.9909	0.9914	0.9967	0.9988	0.9994	0.9992
25.0	0.9850	0.9902	0.9909	0.9921	0.9963	0.9986	0.9995	0.9992
25.1	0.9897	0.9929	0.9937	0.9935	0.9951	0.9985	0.9994	0.9991

25.2	0.9885	0.9932	0.9943	0.9928	0.9964	0.9988	0.9994	0.9993
25.3	0.9880	0.9919	0.9928	0.9921	0.9967	0.9986	0.9992	0.9991
25.4	0.9897	0.9926	0.9932	0.9919	0.9964	0.9985	0.9993	0.9992
25.5	0.9884	0.9908	0.9910	0.9908	0.9958	0.9987	0.9994	0.9993
25.6	0.9885	0.9916	0.9913	0.9913	0.9957	0.9986	0.9993	0.9992
25.7	0.9901	0.9931	0.9932	0.9928	0.9961	0.9989	0.9994	0.9994
25.8	0.9915	0.9937	0.9941	0.9945	0.9962	0.9991	0.9995	0.9995
25.9	0.9926	0.9936	0.9938	0.9940	0.9962	0.9990	0.9996	0.9995
26.0	0.9917	0.9930	0.9935	0.9938	0.9955	0.9987	0.9995	0.9993
26.1	0.9915	0.9933	0.9935	0.9939	0.9952	0.9986	0.9993	0.9992
26.2	0.9916	0.9929	0.9923	0.9936	0.9943	0.9985	0.9992	0.9992
26.3	0.9928	0.9940	0.9947	0.9950	0.9940	0.9987	0.9994	0.9994
26.4	0.9923	0.9928	0.9938	0.9938	0.9943	0.9986	0.9994	0.9992
26.5	0.9913	0.9921	0.9924	0.9912	0.9943	0.9984	0.9992	0.9992
26.6	0.9888	0.9907	0.9907	0.9904	0.9929	0.9981	0.9991	0.9991
26.7	0.9902	0.9922	0.9921	0.9924	0.9940	0.9979	0.9991	0.9989
26.8	0.9915	0.9923	0.9921	0.9926	0.9940	0.9985	0.9993	0.9992
26.9	0.9920	0.9915	0.9908	0.9922	0.9947	0.9986	0.9994	0.9993
27.0	0.9920	0.9936	0.9917	0.9932	0.9963	0.9988	0.9995	0.9994
27.1	0.9897	0.9919	0.9906	0.9906	0.9957	0.9987	0.9994	0.9992
27.2	0.9908	0.9926	0.9930	0.9913	0.9964	0.9986	0.9995	0.9992
27.3	0.9915	0.9927	0.9917	0.9907	0.9960	0.9987	0.9995	0.9993
27.4	0.9903	0.9916	0.9909	0.9887	0.9956	0.9988	0.9994	0.9993
27.5	0.9877	0.9890	0.9911	0.9876	0.9951	0.9985	0.9992	0.9991
27.6	0.9890	0.9895	0.9909	0.9881	0.9951	0.9985	0.9993	0.9992
27.7	0.9911	0.9908	0.9904	0.9905	0.9966	0.9988	0.9995	0.9993
27.8	0.9903	0.9910	0.9901	0.9893	0.9957	0.9988	0.9995	0.9994
27.9	0.9904	0.9919	0.9905	0.9898	0.9957	0.9987	0.9994	0.9992
28.0	0.9825	0.9840	0.9820	0.9820	0.9955	0.9981	0.9991	0.9988
28.1	0.9802	0.9839	0.9812	0.9793	0.9953	0.9978	0.9991	0.9988
28.2	0.9840	0.9837	0.9842	0.9805	0.9961	0.9987	0.9993	0.9992
28.3	0.9813	0.9819	0.9799	0.9782	0.9955	0.9987	0.9994	0.9992
28.4	0.9708	0.9685	0.9646	0.9662	0.9947	0.9981	0.9990	0.9989
28.5	0.9819	0.9788	0.9707	0.9720	0.9960	0.9986	0.9994	0.9992
28.6	0.9828	0.9819	0.9717	0.9722	0.9957	0.9985	0.9995	0.9993
28.7	0.9691	0.9695	0.9598	0.9598	0.9949	0.9980	0.9993	0.9990
28.8	0.9592	0.9711	0.9518	0.9470	0.9954	0.9981	0.9994	0.9991
28.9	0.9619	0.9697	0.9385	0.9303	0.9953	0.9986	0.9996	0.9993
29.0	0.9582	0.9599	0.9129	0.9088	0.9927	0.9983	0.9994	0.9992
29.1	0.9523	0.9426	0.8943	0.8855	0.9929	0.9984	0.9995	0.9992
29.2	0.9379	0.9156	0.8603	0.8557	0.9939	0.9986	0.9996	0.9993
29.3	0.9231	0.9192	0.8531	0.8493	0.9928	0.9982	0.9996	0.9992
29.4	0.8660	0.8737	0.7550	0.7174	0.9880	0.9970	0.9993	0.9988
29.5	0.8901	0.8811	0.7147	0.7132	0.9865	0.9976	0.9995	0.9990
29.6	0.8702	0.8435	0.6752	0.6116	0.9900	0.9979	0.9995	0.9991
29.7	0.8603	0.8737	0.6708	0.5898	0.9915	0.9983	0.9994	0.9992
29.8	0.7802	0.8088	0.5840	0.4413	0.9896	0.9981	0.9993	0.9993
29.9	0.7213	0.6747	0.4617	0.3587	0.9879	0.9984	0.9984	0.9993
30.0	0.6990	0.6622	0.3966	0.2467	0.9833	0.9979	0.9986	0.9990
30.1	0.7444	0.7382	0.4538	0.1821	0.9883	0.9978	0.9994	0.9991
30.2	0.8143	0.7059	0.5376	0.2583	0.9888	0.9974	0.9994	0.9991
30.3	0.8352	0.7133	0.5479	0.3362	0.9871	0.9976	0.9995	0.9992
30.4	0.8511	0.7737	0.5444	0.4604	0.9873	0.9984	0.9996	0.9994
30.5	0.8370	0.7774	0.6014	0.5052	0.9883	0.9981	0.9996	0.9992
30.6	0.8019	0.7900	0.6155	0.4927	0.9906	0.9984	0.9997	0.9994
30.7	0.7618	0.7838	0.6052	0.5172	0.9896	0.9977	0.9996	0.9992
30.8	0.7852	0.7652	0.6679	0.6097	0.9896	0.9975	0.9995	0.9991
30.9	0.8184	0.8304	0.7370	0.7066	0.9898	0.9981	0.9996	0.9993
31.0	0.8700	0.8817	0.8051	0.7979	0.9895	0.9985	0.9997	0.9993
31.1	0.8371	0.8220	0.7567	0.7410	0.9829	0.9974	0.9994	0.9990
31.2	0.8254	0.8049	0.7449	0.7283	0.9880	0.9977	0.9994	0.9991
31.3	0.7947	0.7719	0.7125	0.7269	0.9840	0.9967	0.9991	0.9988
31.4	0.8265	0.8151	0.8017	0.7901	0.9794	0.9960	0.9991	0.9983
31.5	0.8326	0.8253	0.8342	0.7942	0.9825	0.9964	0.9990	0.9986
31.6	0.8604	0.8864	0.8757	0.8467	0.9850	0.9966	0.9992	0.9988
31.7	0.8360	0.8626	0.8326	0.8204	0.9853	0.9956	0.9989	0.9985
31.8	0.8583	0.8785	0.8633	0.8434	0.9854	0.9973	0.9992	0.9990
31.9	0.8599	0.8793	0.8623	0.8557	0.9841	0.9960	0.9990	0.9984
32.0	0.8060	0.8597	0.8207	0.8189	0.9791	0.9952	0.9985	0.9980
32.1	0.7996	0.8684	0.8239	0.8230	0.9797	0.9947	0.9986	0.9982
32.2	0.8393	0.8934	0.8584	0.8669	0.9856	0.9950	0.9987	0.9984
32.3	0.8461	0.9000	0.8803	0.8727	0.9864	0.9947	0.9988	0.9983
32.4	0.8035	0.8663	0.8318	0.8266	0.9793	0.9901	0.9975	0.9969
32.5	0.8416	0.8587	0.8552	0.8624	0.9692	0.9876	0.9970	0.9961
32.6	0.8485	0.8876	0.8852	0.8817	0.9709	0.9883	0.9974	0.9966
32.7	0.8282	0.9105	0.8737	0.8942	0.9699	0.9866	0.9975	0.9964
32.8	0.8583	0.9363	0.9097	0.9216	0.9759	0.9910	0.9985	0.9979
32.9	0.8502	0.9192	0.8930	0.9051	0.9662	0.9881	0.9979	0.9975
33.0	0.8399	0.9246	0.8981	0.9157	0.9615	0.9879	0.9979	0.9975
33.1	0.8679	0.9395	0.9184	0.9398	0.9682	0.9898	0.9986	0.9980
33.2	0.9097	0.9476	0.9285	0.9457	0.9742	0.9924	0.9990	0.9981
33.3	0.8856	0.9430	0.9205	0.9341	0.9782	0.9912	0.9987	0.9978
33.4	0.8243	0.9272	0.8865	0.9235	0.9709	0.9859	0.9979	0.9970
33.5	0.8432	0.9261	0.8886	0.9388	0.9585	0.9847	0.9984	0.9972
33.6	0.8675	0.9183	0.9065	0.9327	0.9557	0.9811	0.9981	0.9962
33.7	0.8772	0.9242	0.9262	0.9366	0.9590	0.9811	0.9976	0.9957

33.8	0.8623	0.9016	0.9126	0.9032	0.9623	0.9781	0.9976	0.9948
33.9	0.8976	0.9071	0.9181	0.9072	0.9636	0.9765	0.9971	0.9937
34.0	0.8841	0.9127	0.9082	0.9155	0.9533	0.9771	0.9962	0.9918
34.1	0.8901	0.9167	0.9019	0.9302	0.9594	0.9840	0.9968	0.9938
34.2	0.8728	0.9015	0.8638	0.9245	0.9611	0.9867	0.9971	0.9952
34.3	0.8015	0.8786	0.7565	0.8992	0.9714	0.9891	0.9980	0.9955
34.4	0.5752	0.7495	0.5878	0.7547	0.9710	0.9865	0.9979	0.9952
34.5	0.1620	0.5853	0.3478	0.5925	0.9675	0.9884	0.9973	0.9960
34.6	0.0666	0.7461	0.6079	0.6530	0.9800	0.9922	0.9984	0.9973
34.7	0.1986	0.7682	0.7138	0.6071	0.9799	0.9934	0.9989	0.9977
34.8	0.4043	0.7828	0.7413	0.6458	0.9770	0.9896	0.9984	0.9964
34.9	0.6514	0.8623	0.8361	0.7649	0.9764	0.9883	0.9986	0.9960
35.0	0.7846	0.9123	0.8734	0.8278	0.9753	0.9883	0.9986	0.9970
35.1	0.8577	0.9322	0.9164	0.9069	0.9729	0.9917	0.9989	0.9978
35.2	0.8975	0.9510	0.9350	0.9185	0.9734	0.9928	0.9989	0.9979
35.3	0.8611	0.9310	0.8956	0.8726	0.9617	0.9876	0.9980	0.9967
35.4	0.8787	0.9223	0.9136	0.8814	0.9501	0.9876	0.9979	0.9962
35.5	0.8731	0.9121	0.9283	0.8906	0.9507	0.9877	0.9982	0.9958
35.6	0.8461	0.8917	0.8987	0.8816	0.9503	0.9829	0.9979	0.9952
35.7	0.8971	0.9258	0.9251	0.9170	0.9522	0.9876	0.9981	0.9970
35.8	0.9167	0.9573	0.9476	0.9331	0.9518	0.9891	0.9983	0.9974
35.9	0.9148	0.9566	0.9539	0.9274	0.9447	0.9846	0.9983	0.9962
36.0	0.9220	0.9611	0.9674	0.9383	0.9544	0.9893	0.9988	0.9973
36.1	0.8767	0.9371	0.9439	0.8953	0.9351	0.9811	0.9984	0.9954
36.2	0.8894	0.9294	0.9429	0.9010	0.9388	0.9767	0.9986	0.9953
36.3	0.8971	0.9122	0.9318	0.8941	0.9279	0.9779	0.9983	0.9953
36.4	0.8922	0.9268	0.9380	0.9237	0.9465	0.9827	0.9982	0.9965
36.5	0.9090	0.9520	0.9545	0.9426	0.9487	0.9846	0.9984	0.9974
36.6	0.8983	0.9438	0.9565	0.9262	0.9359	0.9835	0.9986	0.9972
36.7	0.9020	0.9315	0.9639	0.9240	0.9308	0.9789	0.9988	0.9963
36.8	0.9002	0.9501	0.9647	0.9461	0.9350	0.9761	0.9982	0.9960
36.9	0.9023	0.9376	0.9609	0.9384	0.9336	0.9761	0.9982	0.9961
37.0	0.8700	0.9257	0.9510	0.9250	0.9165	0.9773	0.9984	0.9960
37.1	0.8749	0.9219	0.9503	0.9300	0.8914	0.9696	0.9983	0.9950
37.2	0.8767	0.9393	0.9564	0.9430	0.8933	0.9724	0.9988	0.9962
37.3	0.7058	0.9077	0.8922	0.8509	0.8964	0.9728	0.9967	0.9952
37.4	0.5331	0.7781	0.7543	0.6602	0.8863	0.9437	0.9889	0.9879
37.5	0.6505	0.8781	0.8635	0.8019	0.9037	0.9715	0.9955	0.9945
37.6	0.8113	0.9472	0.9493	0.9296	0.8974	0.9780	0.9986	0.9972
37.7	0.7856	0.9129	0.9238	0.9183	0.8323	0.9676	0.9983	0.9958
37.8	0.8450	0.9440	0.9531	0.9397	0.8749	0.9723	0.9987	0.9967
37.9	0.8063	0.9557	0.9586	0.9522	0.8887	0.9731	0.9989	0.9966
38.0	0.7354	0.9392	0.9409	0.9444	0.8743	0.9711	0.9985	0.9960
38.1	0.6727	0.9433	0.9472	0.9546	0.8363	0.9750	0.9988	0.9968
38.2	0.7336	0.9328	0.9544	0.9610	0.8591	0.9747	0.9989	0.9969
38.3	0.7416	0.9359	0.9529	0.9480	0.8493	0.9764	0.9987	0.9971
38.4	0.7819	0.9464	0.9542	0.9462	0.8475	0.9759	0.9990	0.9968
38.5	0.8018	0.9549	0.9534	0.9581	0.8847	0.9753	0.9990	0.9967
38.6	0.8145	0.9388	0.9397	0.9442	0.8647	0.9658	0.9985	0.9958
38.7	0.7854	0.9218	0.9417	0.9320	0.7838	0.9554	0.9980	0.9954
38.8	0.7739	0.9383	0.9493	0.9400	0.7625	0.9632	0.9985	0.9969
38.9	0.8418	0.9455	0.9573	0.9459	0.7905	0.9658	0.9988	0.9969
39.0	0.8718	0.9498	0.9531	0.9400	0.7725	0.9731	0.9988	0.9974
39.1	0.8592	0.9509	0.9470	0.9392	0.7733	0.9750	0.9988	0.9979
39.2	0.8737	0.9669	0.9521	0.9522	0.8429	0.9734	0.9989	0.9980
39.3	0.7847	0.9480	0.9447	0.9377	0.8275	0.9668	0.9987	0.9973
39.4	0.7587	0.9343	0.9085	0.9345	0.7137	0.9567	0.9984	0.9966
39.5	0.8209	0.9417	0.9138	0.9212	0.6720	0.9541	0.9983	0.9971
39.6	0.8185	0.9585	0.9361	0.9369	0.7169	0.9631	0.9987	0.9970
39.7	0.7952	0.9511	0.9342	0.9341	0.7640	0.9606	0.9987	0.9970
39.8	0.8349	0.9505	0.9406	0.9328	0.6617	0.9623	0.9991	0.9972
39.9	0.8592	0.9599	0.9420	0.9263	0.6735	0.9555	0.9987	0.9974
40.0	0.8484	0.9414	0.9160	0.9183	0.5435	0.9515	0.9984	0.9972
40.1	0.8855	0.9527	0.9254	0.9249	0.5861	0.9519	0.9988	0.9972
40.2	0.8607	0.9460	0.8924	0.8990	0.6238	0.9391	0.9986	0.9964
40.3	0.9085	0.9393	0.9077	0.9048	0.6457	0.9556	0.9989	0.9978
40.4	0.9185	0.9385	0.8985	0.9054	0.5978	0.9554	0.9989	0.9975
40.5	0.9194	0.9244	0.9123	0.9216	0.6266	0.9612	0.9990	0.9974
40.6	0.9337	0.9419	0.9269	0.9269	0.6188	0.9485	0.9990	0.9972
40.7	0.8987	0.9242	0.9174	0.9135	0.6350	0.9313	0.9986	0.9956
40.8	0.9057	0.9319	0.9331	0.9206	0.6545	0.9317	0.9989	0.9961
40.9	0.9010	0.9099	0.9056	0.9007	0.4990	0.9272	0.9985	0.9962
41.0	0.9138	0.9246	0.9078	0.9107	0.5766	0.9363	0.9983	0.9963
41.1	0.9176	0.9219	0.9169	0.9153	0.5233	0.9323	0.9988	0.9960
41.2	0.8996	0.8805	0.9312	0.8935	0.4664	0.9318	0.9986	0.9970
41.3	0.9321	0.8644	0.9371	0.8930	0.6454	0.9291	0.9985	0.9972
41.4	0.9511	0.8942	0.9338	0.9279	0.6363	0.9249	0.9986	0.9972
41.5	0.9287	0.9044	0.9462	0.9286	0.5573	0.9038	0.9984	0.9972
41.6	0.9244	0.8882	0.9295	0.9250	0.5425	0.9159	0.9984	0.9971
41.7	0.9400	0.8952	0.9240	0.9421	0.5727	0.9251	0.9986	0.9973
41.8	0.9423	0.9160	0.9375	0.9441	0.5496	0.9195	0.9987	0.9969
41.9	0.9499	0.8885	0.9331	0.9257	0.5000	0.8908	0.9982	0.9969
42.0	0.9612	0.9130	0.9475	0.9375	0.4826	0.8953	0.9985	0.9973
42.1	0.9528	0.9136	0.9407	0.9402	0.3293	0.8865	0.9988	0.9975
42.2	0.9407	0.9148	0.9285	0.9209	0.3503	0.8542	0.9982	0.9971
42.3	0.9574	0.9031	0.9374	0.9188	0.5229	0.8362	0.9982	0.9973

42.4	0.9379	0.8920	0.9192	0.8868	0.4405	0.8213	0.9984	0.9963
42.5	0.9277	0.9000	0.9262	0.9071	0.4664	0.8418	0.9985	0.9962
42.6	0.9269	0.9186	0.9247	0.9133	0.3619	0.8428	0.9985	0.9962
42.7	0.9386	0.9323	0.9389	0.9387	0.3413	0.8681	0.9987	0.9974
42.8	0.9431	0.9202	0.9375	0.9295	0.2993	0.8300	0.9985	0.9979
42.9	0.9598	0.9278	0.9468	0.9332	0.2796	0.8212	0.9987	0.9973
43.0	0.9596	0.9531	0.9489	0.9504	0.4057	0.8814	0.9991	0.9976
43.1	0.9517	0.9285	0.9352	0.9490	0.3108	0.8283	0.9987	0.9971
43.2	0.9374	0.9142	0.9321	0.9453	0.2843	0.8143	0.9982	0.9974
43.3	0.9334	0.9331	0.9473	0.9302	0.2144	0.8254	0.9987	0.9975
43.4	0.9318	0.9252	0.9403	0.9274	0.2211	0.8194	0.9989	0.9976
43.5	0.9538	0.9247	0.9514	0.9426	0.3762	0.8083	0.9988	0.9975
43.6	0.9631	0.9255	0.9545	0.9488	0.3906	0.8022	0.9987	0.9976
43.7	0.9697	0.9615	0.9636	0.9596	0.4312	0.8050	0.9987	0.9979
43.8	0.9612	0.9711	0.9581	0.9615	0.2716	0.8140	0.9987	0.9979
43.9	0.9537	0.9636	0.9501	0.9526	0.2008	0.7168	0.9987	0.9975
44.0	0.9682	0.9662	0.9709	0.9660	0.3743	0.7856	0.9985	0.9977
44.1	0.9672	0.9641	0.9797	0.9678	0.4355	0.7905	0.9983	0.9979
44.2	0.9776	0.9676	0.9785	0.9696	0.3707	0.7617	0.9987	0.9981
44.3	0.9715	0.9599	0.9746	0.9639	0.4996	0.8078	0.9990	0.9981
44.4	0.9469	0.9662	0.9644	0.9589	0.5576	0.8156	0.9982	0.9976
44.5	0.9569	0.9767	0.9700	0.9655	0.4859	0.8378	0.9986	0.9977
44.6	0.9658	0.9787	0.9734	0.9726	0.3915	0.8506	0.9987	0.9977
44.7	0.9670	0.9710	0.9714	0.9748	0.4842	0.8241	0.9986	0.9977
44.8	0.9652	0.9717	0.9730	0.9730	0.4711	0.7842	0.9985	0.9973
44.9	0.9621	0.9722	0.9726	0.9661	0.3621	0.7524	0.9985	0.9970
45.0	0.9342	0.9499	0.9523	0.9437	0.2817	0.6751	0.9983	0.9965
45.1	0.9503	0.9635	0.9658	0.9503	0.3781	0.7339	0.9985	0.9976
45.2	0.9560	0.9659	0.9633	0.9593	0.4848	0.7685	0.9983	0.9970
45.3	0.9687	0.9739	0.9734	0.9597	0.4998	0.7838	0.9988	0.9976
45.4	0.9779	0.9712	0.9743	0.9672	0.5146	0.8309	0.9991	0.9985
45.5	0.9781	0.9762	0.9759	0.9740	0.5993	0.8421	0.9989	0.9984
45.6	0.9773	0.9724	0.9789	0.9694	0.5173	0.8621	0.9988	0.9983
45.7	0.9756	0.9740	0.9811	0.9713	0.5445	0.8500	0.9986	0.9979
45.8	0.9664	0.9777	0.9788	0.9687	0.5091	0.7980	0.9983	0.9974
45.9	0.9678	0.9808	0.9790	0.9743	0.6236	0.8653	0.9984	0.9978
46.0	0.9579	0.9694	0.9720	0.9695	0.6491	0.9070	0.9986	0.9977
46.1	0.9138	0.9420	0.9548	0.9408	0.4664	0.8713	0.9981	0.9971
46.2	0.9035	0.9292	0.9776	0.9698	0.4778	0.8697	0.9982	0.9975
46.3	0.8928	0.9354	0.9771	0.9696	0.5335	0.8616	0.9984	0.9972
46.4	0.8735	0.9200	0.9729	0.9642	0.5421	0.8961	0.9980	0.9966
46.5	0.8798	0.9259	0.9720	0.9652	0.6206	0.9192	0.9979	0.9961
46.6	0.8915	0.9361	0.9763	0.9731	0.6433	0.9038	0.9975	0.9963
46.7	0.9060	0.9485	0.9798	0.9771	0.6778	0.9189	0.9983	0.9969
46.8	0.9173	0.9658	0.9776	0.9697	0.7201	0.8757	0.9984	0.9964
46.9	0.9283	0.9758	0.9834	0.9742	0.7391	0.8917	0.9989	0.9974
47.0	0.9536	0.9817	0.9851	0.9732	0.7218	0.9110	0.9988	0.9966
47.1	0.9398	0.9732	0.9794	0.9711	0.7255	0.9349	0.9983	0.9965
47.2	0.9252	0.9703	0.9654	0.9517	0.6883	0.9164	0.9980	0.9961
47.3	0.9054	0.9664	0.9657	0.9512	0.7357	0.9241	0.9983	0.9973
47.4	0.8463	0.9477	0.9736	0.9752	0.8521	0.9072	0.9987	0.9975
47.5	0.8053	0.9272	0.9708	0.9609	0.8112	0.8722	0.9985	0.9970
47.6	0.8902	0.9474	0.9645	0.9597	0.6752	0.8570	0.9977	0.9954
47.7	0.9202	0.9572	0.9740	0.9704	0.7246	0.9040	0.9976	0.9952
47.8	0.9179	0.9565	0.9709	0.9538	0.7188	0.9044	0.9964	0.9946
47.9	0.9243	0.9637	0.9610	0.9629	0.7536	0.9265	0.9973	0.9957
48.0	0.8521	0.9302	0.9496	0.9447	0.7713	0.9216	0.9973	0.9958
48.1	0.8241	0.9122	0.9557	0.9342	0.8101	0.9185	0.9974	0.9946
48.2	0.7007	0.8609	0.9377	0.9183	0.7970	0.9023	0.9975	0.9947
48.3	0.7802	0.9062	0.9564	0.9552	0.7674	0.9178	0.9977	0.9955
48.4	0.8846	0.9555	0.9674	0.9599	0.7393	0.9234	0.9979	0.9958
48.5	0.8479	0.9566	0.9678	0.9546	0.7532	0.9207	0.9980	0.9950
48.6	0.8570	0.9481	0.9721	0.9630	0.7931	0.9458	0.9985	0.9959
48.7	0.8104	0.9269	0.9667	0.9540	0.8062	0.9463	0.9988	0.9961
48.8	0.7351	0.9109	0.9341	0.9175	0.7576	0.9339	0.9980	0.9952
48.9	0.5902	0.8500	0.8874	0.8762	0.7664	0.9174	0.9976	0.9940
49.0	0.4612	0.7977	0.8498	0.8351	0.8270	0.9295	0.9983	0.9956
49.1	0.5126	0.8056	0.8580	0.8517	0.7890	0.9432	0.9985	0.9962
49.2	0.6219	0.8445	0.8711	0.8578	0.7659	0.9377	0.9976	0.9926
49.3	0.7598	0.8897	0.8801	0.8866	0.8097	0.9512	0.9983	0.9948
49.4	0.7282	0.8871	0.8901	0.8781	0.7875	0.9523	0.9988	0.9961
49.5	0.3226	0.6228	0.7664	0.7473	0.8230	0.9445	0.9987	0.9950
49.6	0.1807	0.4319	0.5871	0.5709	0.8015	0.9456	0.9984	0.9954
49.7	0.3794	0.6205	0.7334	0.7157	0.8016	0.9292	0.9982	0.9955
49.8	0.6558	0.8145	0.8686	0.8796	0.7386	0.7706	0.9981	0.9869
49.9	0.6533	0.7971	0.8441	0.8483	0.4708	0.3176	0.9978	0.9543
50.0	0.7261	0.8543	0.8579	0.8618	0.4605	0.4920	0.9979	0.9547
50.1	0.8632	0.9373	0.8608	0.8599	0.7617	0.8801	0.9977	0.9866
50.2	0.8496	0.9420	0.8266	0.8177	0.8253	0.9277	0.9981	0.9917
50.3	0.8690	0.9419	0.8803	0.8839	0.8565	0.9491	0.9987	0.9929
50.4	0.8206	0.9179	0.8628	0.8647	0.8474	0.9542	0.9983	0.9937
50.5	0.8030	0.8966	0.8350	0.8356	0.8332	0.9635	0.9979	0.9927
50.6	0.8704	0.9309	0.8747	0.8760	0.7820	0.9636	0.9974	0.9921
50.7	0.8693	0.9410	0.8731	0.8888	0.7669	0.9476	0.9975	0.9939
50.8	0.9195	0.9608	0.8957	0.9082	0.7911	0.9587	0.9979	0.9950
50.9	0.9558	0.9784	0.9276	0.9384	0.8475	0.9709	0.9982	0.9949

51.0	0.9545	0.9799	0.9551	0.9661	0.8897	0.9740	0.9978	0.9942
51.1	0.9186	0.9770	0.9496	0.9588	0.8476	0.9654	0.9973	0.9916
51.2	0.8351	0.9065	0.9162	0.9270	0.7341	0.8963	0.9980	0.9783
51.3	0.8573	0.9063	0.9247	0.9308	0.7071	0.9214	0.9981	0.9810
51.4	0.9580	0.9697	0.9616	0.9654	0.8015	0.9603	0.9981	0.9903
51.5	0.9634	0.9741	0.9685	0.9718	0.8643	0.9664	0.9979	0.9921
51.6	0.9518	0.9631	0.9403	0.9477	0.8355	0.9693	0.9971	0.9931
51.7	0.9729	0.9732	0.9632	0.9688	0.8699	0.9752	0.9975	0.9949
51.8	0.9838	0.9778	0.9768	0.9782	0.9041	0.9786	0.9982	0.9951
51.9	0.9700	0.9788	0.9688	0.9750	0.8851	0.9808	0.9975	0.9951
52.0	0.9597	0.9772	0.9594	0.9660	0.8773	0.9748	0.9969	0.9943
52.1	0.9850	0.9847	0.9799	0.9829	0.8840	0.9743	0.9980	0.9953
52.2	0.9929	0.9794	0.9859	0.9872	0.8688	0.9800	0.9979	0.9957
52.3	0.9852	0.9830	0.9794	0.9839	0.8968	0.9868	0.9973	0.9964
52.4	0.9757	0.9766	0.9715	0.9775	0.9258	0.9855	0.9966	0.9954
52.5	0.9674	0.9616	0.9561	0.9666	0.8997	0.9802	0.9955	0.9950
52.6	0.9803	0.9790	0.9753	0.9783	0.8876	0.9842	0.9956	0.9952
52.7	0.9501	0.9663	0.9551	0.9577	0.9153	0.9862	0.9940	0.9952
52.8	0.9236	0.9535	0.9355	0.9416	0.8896	0.9798	0.9937	0.9939
52.9	0.9746	0.9792	0.9765	0.9791	0.9003	0.9824	0.9959	0.9949
53.0	0.9946	0.9808	0.9917	0.9914	0.9354	0.9884	0.9980	0.9958
53.1	0.9954	0.9846	0.9916	0.9924	0.9440	0.9904	0.9975	0.9969
53.2	0.9940	0.9886	0.9899	0.9905	0.9575	0.9917	0.9971	0.9971
53.3	0.9912	0.9857	0.9868	0.9877	0.9576	0.9859	0.9967	0.9954
53.4	0.9884	0.9871	0.9908	0.9914	0.9389	0.9820	0.9954	0.9946
53.5	0.9846	0.9859	0.9896	0.9905	0.9530	0.9864	0.9967	0.9960
53.6	0.9837	0.9883	0.9866	0.9871	0.9618	0.9893	0.9961	0.9968
53.7	0.9849	0.9857	0.9844	0.9837	0.9470	0.9884	0.9967	0.9958
53.8	0.9808	0.9880	0.9835	0.9836	0.9541	0.9881	0.9971	0.9961
53.9	0.9821	0.9886	0.9847	0.9854	0.9629	0.9911	0.9969	0.9965
54.0	0.9795	0.9867	0.9832	0.9827	0.9497	0.9902	0.9964	0.9953
54.1	0.9746	0.9800	0.9775	0.9774	0.9565	0.9893	0.9948	0.9943
54.2	0.9667	0.9815	0.9734	0.9737	0.9575	0.9893	0.9945	0.9943
54.3	0.9845	0.9899	0.9857	0.9874	0.9612	0.9887	0.9966	0.9962
54.4	0.9909	0.9937	0.9916	0.9915	0.9761	0.9874	0.9956	0.9969
54.5	0.9923	0.9946	0.9942	0.9932	0.9726	0.9906	0.9966	0.9972
54.6	0.9836	0.9886	0.9855	0.9824	0.9660	0.9904	0.9928	0.9956
54.7	0.9796	0.9871	0.9806	0.9805	0.9677	0.9921	0.9943	0.9954
54.8	0.9794	0.9899	0.9820	0.9827	0.9591	0.9930	0.9968	0.9946
54.9	0.9783	0.9885	0.9819	0.9825	0.9545	0.9898	0.9958	0.9932
55.0	0.9920	0.9962	0.9944	0.9942	0.9557	0.9915	0.9961	0.9968
55.1	0.9933	0.9945	0.9948	0.9945	0.9462	0.9909	0.9965	0.9967
55.2	0.9936	0.9950	0.9944	0.9941	0.9504	0.9919	0.9967	0.9967
55.3	0.9956	0.9965	0.9955	0.9962	0.9668	0.9937	0.9971	0.9975
55.4	0.9924	0.9948	0.9936	0.9940	0.9758	0.9964	0.9980	0.9976
55.5	0.9823	0.9910	0.9869	0.9862	0.9784	0.9957	0.9972	0.9960
55.6	0.9867	0.9930	0.9881	0.9888	0.9642	0.9937	0.9967	0.9957
55.7	0.9956	0.9968	0.9952	0.9951	0.9649	0.9963	0.9970	0.9975
55.8	0.9960	0.9969	0.9969	0.9949	0.9611	0.9960	0.9972	0.9975
55.9	0.9935	0.9959	0.9945	0.9939	0.9597	0.9953	0.9972	0.9972
56.0	0.9863	0.9902	0.9869	0.9853	0.9568	0.9950	0.9963	0.9949
56.1	0.9857	0.9905	0.9842	0.9845	0.9698	0.9954	0.9972	0.9962
56.2	0.9952	0.9956	0.9948	0.9947	0.9751	0.9958	0.9984	0.9981
56.3	0.9961	0.9966	0.9963	0.9956	0.9705	0.9952	0.9982	0.9979
56.4	0.9965	0.9968	0.9960	0.9949	0.9694	0.9958	0.9974	0.9981
56.5	0.9968	0.9967	0.9954	0.9947	0.9748	0.9952	0.9976	0.9980
56.6	0.9961	0.9967	0.9953	0.9951	0.9764	0.9960	0.9984	0.9976
56.7	0.9958	0.9970	0.9953	0.9963	0.9666	0.9962	0.9982	0.9974
56.8	0.9970	0.9979	0.9964	0.9966	0.9724	0.9975	0.9985	0.9976
56.9	0.9954	0.9971	0.9947	0.9953	0.9655	0.9967	0.9981	0.9974
57.0	0.9935	0.9956	0.9923	0.9943	0.9622	0.9953	0.9972	0.9967
57.1	0.9920	0.9951	0.9898	0.9923	0.9616	0.9936	0.9979	0.9962
57.2	0.9881	0.9921	0.9867	0.9870	0.9724	0.9954	0.9979	0.9970
57.3	0.9941	0.9958	0.9936	0.9931	0.9722	0.9966	0.9984	0.9980
57.4	0.9942	0.9952	0.9943	0.9933	0.9674	0.9958	0.9976	0.9968
57.5	0.9965	0.9973	0.9951	0.9950	0.9733	0.9967	0.9979	0.9971
57.6	0.9934	0.9955	0.9929	0.9924	0.9704	0.9950	0.9975	0.9966
57.7	0.9957	0.9964	0.9929	0.9941	0.9769	0.9959	0.9977	0.9966
57.8	0.9966	0.9972	0.9937	0.9956	0.9818	0.9969	0.9985	0.9972
57.9	0.9962	0.9978	0.9942	0.9959	0.9839	0.9969	0.9986	0.9970
58.0	0.9971	0.9980	0.9955	0.9970	0.9838	0.9976	0.9985	0.9976
58.1	0.9970	0.9972	0.9954	0.9961	0.9786	0.9971	0.9981	0.9973
58.2	0.9963	0.9964	0.9931	0.9953	0.9823	0.9971	0.9976	0.9964
58.3	0.9961	0.9960	0.9943	0.9939	0.9791	0.9956	0.9978	0.9951
58.4	0.9952	0.9949	0.9918	0.9922	0.9762	0.9940	0.9980	0.9958
58.5	0.9961	0.9951	0.9935	0.9937	0.9861	0.9971	0.9981	0.9975
58.6	0.9949	0.9941	0.9941	0.9916	0.9839	0.9975	0.9974	0.9969
58.7	0.9944	0.9957	0.9938	0.9926	0.9780	0.9969	0.9974	0.9963
58.8	0.9968	0.9969	0.9953	0.9950	0.9839	0.9973	0.9984	0.9973
58.9	0.9969	0.9961	0.9941	0.9954	0.9815	0.9958	0.9981	0.9959
59.0	0.9960	0.9966	0.9951	0.9948	0.9812	0.9953	0.9986	0.9957
59.1	0.9966	0.9968	0.9944	0.9940	0.9789	0.9964	0.9986	0.9966
59.2	0.9968	0.9964	0.9946	0.9944	0.9830	0.9965	0.9984	0.9965
59.3	0.9966	0.9974	0.9951	0.9957	0.9869	0.9966	0.9982	0.9974
59.4	0.9963	0.9974	0.9943	0.9953	0.9817	0.9967	0.9982	0.9972
59.5	0.9974	0.9979	0.9952	0.9963	0.9852	0.9977	0.9991	0.9979

59.6	0.9976	0.9983	0.9958	0.9956	0.9862	0.9976	0.9990	0.9971
59.7	0.9977	0.9983	0.9952	0.9954	0.9872	0.9971	0.9991	0.9967
59.8	0.9957	0.9976	0.9955	0.9957	0.9869	0.9942	0.9988	0.9965
59.9	0.9590	0.9335	0.8898	0.8562	0.4106	0.3785	0.9838	0.5817
60.0	0.8339	0.7342	0.6072	0.5273	0.0536	0.1905	0.9201	0.2904
60.1	0.9394	0.8991	0.8312	0.7933	0.2162	0.3516	0.9717	0.5296
60.2	0.9947	0.9963	0.9939	0.9940	0.9801	0.9818	0.9980	0.9903
60.3	0.9964	0.9976	0.9947	0.9964	0.9887	0.9960	0.9984	0.9957
60.4	0.9975	0.9978	0.9959	0.9959	0.9902	0.9973	0.9988	0.9965
60.5	0.9973	0.9976	0.9964	0.9956	0.9911	0.9979	0.9986	0.9974
60.6	0.9971	0.9974	0.9963	0.9966	0.9903	0.9975	0.9986	0.9972
60.7	0.9945	0.9966	0.9927	0.9944	0.9852	0.9959	0.9979	0.9958
60.8	0.9951	0.9973	0.9933	0.9950	0.9833	0.9966	0.9976	0.9963
60.9	0.9978	0.9982	0.9956	0.9958	0.9888	0.9975	0.9984	0.9974
61.0	0.9985	0.9985	0.9970	0.9963	0.9930	0.9981	0.9990	0.9982
61.1	0.9976	0.9980	0.9965	0.9959	0.9928	0.9973	0.9989	0.9968
61.2	0.9970	0.9978	0.9961	0.9962	0.9923	0.9961	0.9987	0.9962
61.3	0.9960	0.9971	0.9945	0.9941	0.9842	0.9958	0.9983	0.9951
61.4	0.9951	0.9973	0.9949	0.9939	0.9854	0.9955	0.9984	0.9954
61.5	0.9953	0.9967	0.9948	0.9950	0.9892	0.9955	0.9984	0.9949
61.6	0.9961	0.9974	0.9949	0.9956	0.9892	0.9966	0.9985	0.9958
61.7	0.9965	0.9973	0.9958	0.9951	0.9914	0.9970	0.9985	0.9956
61.8	0.9970	0.9977	0.9964	0.9955	0.9906	0.9974	0.9988	0.9958
61.9	0.9968	0.9977	0.9958	0.9963	0.9914	0.9965	0.9984	0.9957
62.0	0.9964	0.9982	0.9959	0.9971	0.9950	0.9975	0.9989	0.9968
62.1	0.9974	0.9986	0.9965	0.9971	0.9940	0.9979	0.9988	0.9970
62.2	0.9976	0.9986	0.9972	0.9971	0.9941	0.9972	0.9989	0.9965
62.3	0.9971	0.9978	0.9966	0.9959	0.9926	0.9961	0.9983	0.9946
62.4	0.9974	0.9982	0.9967	0.9966	0.9932	0.9967	0.9986	0.9954
62.5	0.9978	0.9985	0.9968	0.9971	0.9950	0.9967	0.9988	0.9959
62.6	0.9963	0.9975	0.9957	0.9962	0.9939	0.9961	0.9982	0.9948
62.7	0.9954	0.9967	0.9951	0.9952	0.9925	0.9952	0.9982	0.9937
62.8	0.9968	0.9975	0.9959	0.9967	0.9934	0.9958	0.9982	0.9950
62.9	0.9976	0.9977	0.9968	0.9976	0.9916	0.9961	0.9984	0.9957
63.0	0.9976	0.9972	0.9970	0.9969	0.9938	0.9960	0.9986	0.9943
63.1	0.9969	0.9969	0.9965	0.9962	0.9944	0.9952	0.9984	0.9943
63.2	0.9980	0.9977	0.9972	0.9970	0.9954	0.9967	0.9984	0.9963
63.3	0.9985	0.9982	0.9973	0.9966	0.9955	0.9975	0.9987	0.9968
63.4	0.9978	0.9981	0.9969	0.9972	0.9943	0.9965	0.9983	0.9954
63.5	0.9968	0.9973	0.9964	0.9967	0.9930	0.9957	0.9983	0.9941
63.6	0.9975	0.9978	0.9975	0.9969	0.9945	0.9965	0.9984	0.9951
63.7	0.9968	0.9968	0.9969	0.9957	0.9942	0.9956	0.9976	0.9937
63.8	0.9975	0.9975	0.9973	0.9970	0.9966	0.9964	0.9981	0.9950
63.9	0.9968	0.9971	0.9970	0.9971	0.9947	0.9956	0.9979	0.9943
64.0	0.9970	0.9974	0.9967	0.9959	0.9943	0.9954	0.9975	0.9941
64.1	0.9959	0.9968	0.9949	0.9955	0.9929	0.9939	0.9971	0.9924
64.2	0.9959	0.9966	0.9951	0.9962	0.9923	0.9932	0.9964	0.9919
64.3	0.9963	0.9971	0.9968	0.9965	0.9947	0.9947	0.9964	0.9934
64.4	0.9959	0.9966	0.9964	0.9966	0.9946	0.9942	0.9963	0.9928
64.5	0.9971	0.9967	0.9966	0.9970	0.9946	0.9952	0.9971	0.9940
64.6	0.9974	0.9967	0.9958	0.9968	0.9941	0.9956	0.9970	0.9942
64.7	0.9962	0.9966	0.9945	0.9957	0.9925	0.9951	0.9956	0.9932
64.8	0.9954	0.9960	0.9948	0.9941	0.9915	0.9927	0.9935	0.9910
64.9	0.9940	0.9945	0.9940	0.9934	0.9900	0.9915	0.9929	0.9901
65.0	0.9959	0.9965	0.9965	0.9960	0.9927	0.9952	0.9955	0.9940
65.1	0.9947	0.9957	0.9958	0.9948	0.9934	0.9924	0.9926	0.9913
65.2	0.9950	0.9955	0.9948	0.9949	0.9939	0.9928	0.9928	0.9919
65.3	0.9950	0.9954	0.9948	0.9941	0.9933	0.9931	0.9927	0.9923
65.4	0.9956	0.9959	0.9945	0.9949	0.9925	0.9926	0.9926	0.9928
65.5	0.9966	0.9964	0.9959	0.9964	0.9933	0.9942	0.9922	0.9942
65.6	0.9957	0.9965	0.9958	0.9956	0.9930	0.9939	0.9925	0.9941
65.7	0.9952	0.9956	0.9949	0.9956	0.9917	0.9943	0.9922	0.9945
65.8	0.9948	0.9951	0.9944	0.9951	0.9919	0.9935	0.9911	0.9928
65.9	0.9927	0.9927	0.9921	0.9926	0.9885	0.9891	0.9864	0.9886
66.0	0.9912	0.9909	0.9907	0.9907	0.9837	0.9866	0.9826	0.9863
66.1	0.9946	0.9947	0.9939	0.9940	0.9923	0.9932	0.9893	0.9930
66.2	0.9953	0.9956	0.9949	0.9955	0.9917	0.9946	0.9904	0.9949
66.3	0.9948	0.9946	0.9937	0.9940	0.9901	0.9939	0.9878	0.9934
66.4	0.9958	0.9958	0.9957	0.9952	0.9911	0.9961	0.9895	0.9949
66.5	0.9948	0.9943	0.9936	0.9932	0.9889	0.9942	0.9840	0.9944
66.6	0.9939	0.9953	0.9936	0.9929	0.9913	0.9938	0.9862	0.9951
66.7	0.9943	0.9956	0.9946	0.9940	0.9927	0.9943	0.9861	0.9949
66.8	0.9955	0.9954	0.9950	0.9954	0.9909	0.9951	0.9866	0.9947
66.9	0.9953	0.9947	0.9951	0.9949	0.9895	0.9942	0.9845	0.9949
67.0	0.9942	0.9938	0.9943	0.9931	0.9844	0.9921	0.9794	0.9932
67.1	0.9954	0.9948	0.9957	0.9947	0.9888	0.9946	0.9819	0.9938
67.2	0.9960	0.9956	0.9966	0.9957	0.9894	0.9962	0.9843	0.9961
67.3	0.9949	0.9945	0.9946	0.9942	0.9864	0.9947	0.9769	0.9968
67.4	0.9962	0.9958	0.9954	0.9939	0.9860	0.9957	0.9799	0.9960
67.5	0.9951	0.9951	0.9947	0.9941	0.9847	0.9947	0.9768	0.9949
67.6	0.9951	0.9950	0.9933	0.9947	0.9849	0.9955	0.9755	0.9960
67.7	0.9950	0.9950	0.9937	0.9948	0.9841	0.9958	0.9755	0.9962
67.8	0.9957	0.9945	0.9949	0.9942	0.9831	0.9960	0.9741	0.9956
67.9	0.9966	0.9946	0.9946	0.9945	0.9825	0.9960	0.9757	0.9954
68.0	0.9949	0.9944	0.9942	0.9939	0.9855	0.9949	0.9667	0.9955
68.1	0.9951	0.9943	0.9946	0.9941	0.9880	0.9953	0.9604	0.9957

68.2	0.9944	0.9931	0.9939	0.9925	0.9839	0.9947	0.9528	0.9944
68.3	0.9962	0.9956	0.9945	0.9939	0.9868	0.9960	0.9630	0.9956
68.4	0.9953	0.9950	0.9946	0.9930	0.9860	0.9960	0.9589	0.9946
68.5	0.9960	0.9957	0.9955	0.9950	0.9854	0.9961	0.9583	0.9941
68.6	0.9970	0.9956	0.9960	0.9952	0.9838	0.9958	0.9582	0.9942
68.7	0.9970	0.9951	0.9950	0.9938	0.9856	0.9964	0.9556	0.9947
68.8	0.9966	0.9959	0.9948	0.9942	0.9862	0.9969	0.9604	0.9949
68.9	0.9967	0.9964	0.9952	0.9961	0.9891	0.9971	0.9618	0.9949
69.0	0.9951	0.9947	0.9943	0.9936	0.9870	0.9956	0.9390	0.9921
69.1	0.9958	0.9950	0.9947	0.9932	0.9873	0.9957	0.9391	0.9939
69.2	0.9966	0.9948	0.9942	0.9940	0.9881	0.9969	0.9343	0.9934
69.3	0.9966	0.9956	0.9950	0.9959	0.9893	0.9977	0.9423	0.9933
69.4	0.9958	0.9960	0.9955	0.9938	0.9873	0.9970	0.9316	0.9909
69.5	0.9960	0.9960	0.9942	0.9923	0.9878	0.9969	0.9232	0.9896
69.6	0.9954	0.9961	0.9945	0.9944	0.9867	0.9973	0.9124	0.9897
69.7	0.9963	0.9956	0.9936	0.9943	0.9887	0.9968	0.9032	0.9881
69.8	0.9965	0.9952	0.9934	0.9917	0.9912	0.9970	0.9319	0.9886
69.9	0.9965	0.9954	0.9946	0.9921	0.9899	0.9975	0.9311	0.9876
70.0	0.9956	0.9963	0.9959	0.9935	0.9919	0.9978	0.9284	0.9883
70.1	0.9939	0.9955	0.9943	0.9914	0.9873	0.9970	0.9060	0.9849
70.2	0.9930	0.9939	0.9915	0.9890	0.9845	0.9968	0.9046	0.9819
70.3	0.9952	0.9956	0.9938	0.9921	0.9881	0.9980	0.9285	0.9828
70.4	0.9958	0.9957	0.9937	0.9925	0.9884	0.9977	0.9282	0.9864
70.5	0.9943	0.9930	0.9906	0.9905	0.9902	0.9970	0.9191	0.9815
70.6	0.9932	0.9940	0.9921	0.9925	0.9915	0.9978	0.9198	0.9784
70.7	0.9916	0.9939	0.9902	0.9887	0.9859	0.9970	0.9071	0.9738
70.8	0.9872	0.9916	0.9858	0.9836	0.9781	0.9955	0.8933	0.9548
70.9	0.9912	0.9921	0.9892	0.9851	0.9772	0.9966	0.8964	0.9657
71.0	0.9911	0.9931	0.9863	0.9868	0.9812	0.9966	0.9104	0.9689
71.1	0.9921	0.9951	0.9893	0.9894	0.9872	0.9977	0.9426	0.9711
71.2	0.9900	0.9934	0.9898	0.9858	0.9804	0.9967	0.9153	0.9651
71.3	0.9909	0.9940	0.9891	0.9866	0.9794	0.9970	0.9203	0.9598
71.4	0.9920	0.9937	0.9895	0.9857	0.9777	0.9980	0.9472	0.9632
71.5	0.9898	0.9923	0.9900	0.9838	0.9808	0.9976	0.9388	0.9582
71.6	0.9894	0.9921	0.9869	0.9795	0.9792	0.9976	0.9429	0.9426
71.7	0.9901	0.9912	0.9885	0.9819	0.9770	0.9972	0.9427	0.9428
71.8	0.9875	0.9861	0.9759	0.9808	0.9663	0.9966	0.9220	0.9248
71.9	0.9864	0.9843	0.9753	0.9701	0.9644	0.9961	0.9357	0.9048
72.0	0.9825	0.9892	0.9705	0.9650	0.9694	0.9964	0.9428	0.8808
72.1	0.9867	0.9850	0.9710	0.9613	0.9692	0.9962	0.9492	0.8945
72.2	0.9830	0.9882	0.9697	0.9451	0.9690	0.9974	0.9577	0.9117
72.3	0.9832	0.9839	0.9605	0.9472	0.9722	0.9970	0.9392	0.8939
72.4	0.9833	0.9798	0.9610	0.9638	0.9721	0.9968	0.9456	0.8724
72.5	0.9835	0.9843	0.9685	0.9669	0.9747	0.9974	0.9682	0.8682
72.6	0.9841	0.9855	0.9672	0.9453	0.9738	0.9976	0.9697	0.8067
72.7	0.9847	0.9826	0.9661	0.9341	0.9757	0.9977	0.9662	0.8127
72.8	0.9839	0.9719	0.9461	0.9535	0.9717	0.9971	0.9568	0.7387
72.9	0.9787	0.9644	0.9000	0.9128	0.9578	0.9964	0.9535	0.7482
73.0	0.9759	0.9664	0.8937	0.8819	0.9484	0.9964	0.9583	0.7034
73.1	0.9779	0.9566	0.9069	0.8972	0.9616	0.9963	0.9728	0.6988
73.2	0.9814	0.9611	0.8923	0.9006	0.9722	0.9964	0.9696	0.7826
73.3	0.9682	0.9340	0.8739	0.8456	0.9484	0.9956	0.9532	0.6833
73.4	0.9789	0.9384	0.8804	0.8672	0.9506	0.9956	0.9562	0.7184
73.5	0.9780	0.9252	0.8296	0.8734	0.9450	0.9950	0.9493	0.6835
73.6	0.9781	0.9336	0.8539	0.8966	0.9572	0.9954	0.9605	0.7171
73.7	0.9807	0.9333	0.8760	0.9167	0.9580	0.9956	0.9708	0.7421
73.8	0.9844	0.9134	0.9001	0.9265	0.9585	0.9962	0.9685	0.7373
73.9	0.9800	0.9025	0.9059	0.9096	0.9436	0.9962	0.9674	0.7295
74.0	0.9760	0.8894	0.9051	0.8788	0.9172	0.9955	0.9632	0.7215
74.1	0.9807	0.8447	0.8754	0.8920	0.9141	0.9944	0.9601	0.7581
74.2	0.9824	0.8522	0.9145	0.9245	0.9380	0.9956	0.9684	0.8249
74.3	0.9784	0.8119	0.8977	0.9100	0.9291	0.9947	0.9616	0.8401
74.4	0.9773	0.7734	0.9131	0.9193	0.9397	0.9934	0.9643	0.8225
74.5	0.9750	0.8193	0.9077	0.9262	0.9254	0.9924	0.9689	0.8456
74.6	0.9746	0.8309	0.9253	0.9400	0.9093	0.9930	0.9724	0.8927
74.7	0.9802	0.7721	0.9241	0.9230	0.8900	0.9929	0.9731	0.8349
74.8	0.9806	0.8410	0.9253	0.9415	0.9027	0.9938	0.9773	0.8677
74.9	0.9831	0.8584	0.9322	0.9537	0.8932	0.9923	0.9709	0.8506
75.0	0.9854	0.8994	0.9441	0.9583	0.9006	0.9924	0.9737	0.8845
75.1	0.9864	0.9179	0.9554	0.9552	0.9075	0.9915	0.9781	0.8491
75.2	0.9868	0.9135	0.9507	0.9654	0.9130	0.9919	0.9732	0.8283
75.3	0.9845	0.8985	0.9603	0.9659	0.9099	0.9924	0.9734	0.8689
75.4	0.9816	0.9229	0.9618	0.9633	0.8862	0.9907	0.9763	0.8710
75.5	0.9841	0.9227	0.9629	0.9628	0.8894	0.9909	0.9788	0.8500
75.6	0.9857	0.9206	0.9585	0.9679	0.8923	0.9899	0.9782	0.8283
75.7	0.9866	0.9184	0.9629	0.9692	0.8947	0.9886	0.9777	0.8232
75.8	0.9828	0.9132	0.9606	0.9719	0.8684	0.9851	0.9751	0.8475
75.9	0.9841	0.9148	0.9555	0.9718	0.8848	0.9866	0.9716	0.8706
76.0	0.9874	0.9370	0.9628	0.9683	0.8923	0.9886	0.9773	0.8841
76.1	0.9876	0.9529	0.9679	0.9739	0.8966	0.9901	0.9823	0.9123
76.2	0.9888	0.9525	0.9639	0.9751	0.9152	0.9895	0.9774	0.9119
76.3	0.9892	0.9541	0.9677	0.9788	0.9189	0.9885	0.9790	0.9162
76.4	0.9872	0.9437	0.9665	0.9714	0.9060	0.9823	0.9777	0.8976
76.5	0.9864	0.9531	0.9627	0.9657	0.8908	0.9827	0.9798	0.8991
76.6	0.9883	0.9574	0.9648	0.9712	0.8877	0.9858	0.9831	0.9265
76.7	0.9887	0.9647	0.9693	0.9754	0.9185	0.9870	0.9809	0.9371

76.8	0.9864	0.9647	0.9704	0.9735	0.9015	0.9843	0.9817	0.9447
76.9	0.9881	0.9656	0.9748	0.9771	0.9138	0.9885	0.9820	0.9460
77.0	0.9872	0.9565	0.9711	0.9751	0.8925	0.9828	0.9775	0.9364
77.1	0.9845	0.9482	0.9680	0.9726	0.8777	0.9797	0.9788	0.9148
77.2	0.9861	0.9599	0.9686	0.9767	0.9018	0.9834	0.9804	0.9389
77.3	0.9911	0.9697	0.9801	0.9856	0.9213	0.9817	0.9889	0.9603
77.4	0.9910	0.9714	0.9754	0.9808	0.9148	0.9848	0.9891	0.9696
77.5	0.9896	0.9748	0.9695	0.9753	0.9001	0.9837	0.9875	0.9676
77.6	0.9879	0.9663	0.9794	0.9781	0.8799	0.9825	0.9879	0.9535
77.7	0.9858	0.9651	0.9755	0.9706	0.8740	0.9816	0.9823	0.9602
77.8	0.9901	0.9793	0.9789	0.9738	0.8906	0.9873	0.9845	0.9747
77.9	0.9915	0.9737	0.9769	0.9748	0.9118	0.9852	0.9856	0.9661
78.0	0.9922	0.9748	0.9822	0.9788	0.8936	0.9818	0.9863	0.9598
78.1	0.9932	0.9733	0.9810	0.9775	0.9125	0.9833	0.9874	0.9692
78.2	0.9921	0.9742	0.9782	0.9796	0.9228	0.9860	0.9904	0.9644
78.3	0.9907	0.9758	0.9802	0.9795	0.8886	0.9829	0.9902	0.9663
78.4	0.9902	0.9682	0.9794	0.9815	0.8806	0.9762	0.9882	0.9683
78.5	0.9910	0.9768	0.9796	0.9839	0.9059	0.9773	0.9912	0.9734
78.6	0.9911	0.9757	0.9813	0.9852	0.9063	0.9804	0.9910	0.9771
78.7	0.9900	0.9747	0.9775	0.9826	0.9004	0.9710	0.9852	0.9728
78.8	0.9902	0.9782	0.9797	0.9797	0.8889	0.9695	0.9858	0.9776
78.9	0.9912	0.9793	0.9835	0.9838	0.8966	0.9769	0.9810	0.9712
79.0	0.9939	0.9795	0.9842	0.9849	0.9155	0.9800	0.9786	0.9615
79.1	0.9947	0.9817	0.9901	0.9913	0.9152	0.9888	0.9891	0.9752
79.2	0.9937	0.9834	0.9860	0.9892	0.9093	0.9843	0.9890	0.9698
79.3	0.9924	0.9822	0.9807	0.9820	0.8736	0.9807	0.9883	0.9656
79.4	0.9924	0.9815	0.9817	0.9845	0.8886	0.9788	0.9900	0.9721
79.5	0.9941	0.9835	0.9860	0.9853	0.8962	0.9772	0.9906	0.9795
79.6	0.9939	0.9861	0.9885	0.9853	0.9190	0.9761	0.9924	0.9780
79.7	0.9930	0.9869	0.9878	0.9827	0.9189	0.9716	0.9919	0.9735
79.8	0.9930	0.9828	0.9880	0.9809	0.8885	0.9763	0.9908	0.9770
79.9	0.9951	0.9845	0.9881	0.9883	0.9011	0.9823	0.9932	0.9819
80.0	0.9938	0.9808	0.9889	0.9884	0.9346	0.9765	0.9930	0.9798

1.2.7 Run 2 – IP270-200 – NF and AF gauges

In-plane shaking at 270° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9908	0.9862	0.9584	0.9986	0.4501	0.9379	0.9861	0.9629
0.1	0.8873	0.8827	0.5778	0.9851	0.0568	0.5411	0.8657	0.6826
0.2	0.0033	0.0984	0.9763	0.9714	0.0009	0.0019	0.0121	0.0114
0.3	0.0219	0.0512	0.9588	0.9511	0.0054	0.0277	0.0477	0.0304
0.4	0.0089	0.1262	0.8553	0.8764	0.0067	0.0110	0.0515	0.0339
0.5	0.3935	0.1132	0.9633	0.9536	0.3180	0.1473	0.3946	0.0232
0.6	0.5377	0.2644	0.9940	0.9909	0.3744	0.3537	0.5654	0.1576
0.7	0.7230	0.6292	0.9982	0.9971	0.7194	0.5342	0.7485	0.2628
0.8	0.8672	0.8552	0.9994	0.9989	0.8849	0.7836	0.8967	0.4862
0.9	0.8862	0.9355	0.9989	0.9992	0.9180	0.8842	0.9233	0.7375
1.0	0.6985	0.8806	0.9950	0.9983	0.8026	0.7743	0.7750	0.7920
1.1	0.7590	0.7905	0.9979	0.9991	0.7835	0.7426	0.7544	0.8108
1.2	0.6709	0.6798	0.9996	0.9996	0.6866	0.6515	0.6474	0.7676
1.3	0.3736	0.4554	0.9997	0.9997	0.4130	0.4923	0.4715	0.3541
1.4	0.2287	0.2517	0.9994	0.9994	0.2695	0.4645	0.3912	0.3185
1.5	0.6012	0.4944	0.9992	0.9993	0.5991	0.5614	0.4845	0.8213
1.6	0.8974	0.8527	0.9986	0.9987	0.8713	0.7941	0.7789	0.9166
1.7	0.8713	0.8271	0.9904	0.9912	0.8779	0.7564	0.7244	0.9252
1.8	0.9386	0.9169	0.9867	0.9881	0.9559	0.8994	0.8699	0.9616
1.9	0.9787	0.9715	0.9937	0.9945	0.9775	0.9647	0.9639	0.9678
2.0	0.9924	0.9890	0.9978	0.9980	0.9810	0.9802	0.9849	0.9716
2.1	0.9780	0.9754	0.9987	0.9989	0.9385	0.9294	0.9466	0.9339
2.2	0.8587	0.8553	0.9995	0.9996	0.7399	0.7221	0.7539	0.7338
2.3	0.5432	0.5553	0.9997	0.9997	0.4544	0.4426	0.4501	0.4586
2.4	0.2577	0.3176	0.9995	0.9995	0.4133	0.4282	0.3698	0.4413
2.5	0.7142	0.6500	0.9995	0.9995	0.6178	0.6883	0.4519	0.6990
2.6	0.9634	0.9648	0.9994	0.9995	0.4934	0.7602	0.0326	0.7211
2.7	0.9782	0.9737	0.9994	0.9995	0.0073	0.5252	0.5937	0.4611
2.8	0.9779	0.9759	0.9992	0.9993	0.5640	0.0531	0.8126	0.1767
2.9	0.9673	0.9777	0.9990	0.9991	0.8290	0.2278	0.8394	0.4338
3.0	0.9701	0.9787	0.9988	0.9989	0.8857	0.3913	0.8821	0.4796
3.1	0.9702	0.9771	0.9983	0.9985	0.8912	0.5186	0.8560	0.6013
3.2	0.9660	0.9736	0.9979	0.9982	0.8774	0.5836	0.8252	0.6342
3.3	0.9586	0.9640	0.9981	0.9983	0.8484	0.5094	0.8012	0.6435
3.4	0.9324	0.9602	0.9965	0.9968	0.8302	0.5106	0.7535	0.5292
3.5	0.9411	0.9638	0.9972	0.9974	0.8869	0.6554	0.8347	0.5904
3.6	0.9494	0.9499	0.9975	0.9977	0.8818	0.6311	0.8263	0.6377
3.7	0.9402	0.9432	0.9969	0.9970	0.8646	0.5763	0.7889	0.6276
3.8	0.9232	0.9318	0.9970	0.9972	0.8361	0.5929	0.7778	0.5695
3.9	0.9160	0.9162	0.9979	0.9978	0.8340	0.6108	0.7810	0.5624
4.0	0.9193	0.9251	0.9982	0.9981	0.8821	0.6953	0.8391	0.7027
4.1	0.9333	0.9396	0.9987	0.9987	0.8971	0.7603	0.8782	0.7244
4.2	0.9405	0.9282	0.9988	0.9988	0.8615	0.7430	0.8763	0.6173
4.3	0.9383	0.9104	0.9988	0.9988	0.7982	0.7313	0.8414	0.5161
4.4	0.9533	0.9349	0.9993	0.9994	0.7711	0.6955	0.8506	0.6048
4.5	0.9611	0.9473	0.9996	0.9997	0.7773	0.6874	0.8663	0.5893
4.6	0.9595	0.9557	0.9997	0.9997	0.8405	0.6952	0.8994	0.6555
4.7	0.9478	0.9599	0.9997	0.9997	0.9100	0.7719	0.9369	0.6960
4.8	0.9526	0.9548	0.9998	0.9997	0.9137	0.7744	0.9414	0.6330
4.9	0.9530	0.9354	0.9998	0.9998	0.8946	0.7431	0.9287	0.6195
5.0	0.9536	0.9545	0.9999	0.9998	0.9277	0.8398	0.9559	0.7821
5.1	0.9577	0.9624	0.9998	0.9998	0.9271	0.8513	0.9508	0.7815
5.2	0.9560	0.9570	0.9997	0.9998	0.9299	0.8482	0.9450	0.6913
5.3	0.9570	0.9681	0.9997	0.9998	0.9467	0.8639	0.9490	0.7290
5.4	0.9613	0.9672	0.9998	0.9998	0.9059	0.8370	0.9331	0.7564
5.5	0.9559	0.9579	0.9997	0.9997	0.8782	0.8193	0.9182	0.7550
5.6	0.9521	0.9527	0.9996	0.9997	0.8608	0.7628	0.8930	0.7099
5.7	0.9377	0.9438	0.9995	0.9995	0.8235	0.7125	0.8783	0.5541
5.8	0.9495	0.9525	0.9996	0.9996	0.8390	0.7020	0.9092	0.6178
5.9	0.9234	0.9339	0.9994	0.9995	0.7833	0.6487	0.8852	0.5382
6.0	0.9209	0.9393	0.9993	0.9992	0.8080	0.7292	0.8801	0.5781
6.1	0.9463	0.9644	0.9995	0.9994	0.8907	0.8341	0.9255	0.6627
6.2	0.9535	0.9616	0.9995	0.9996	0.9183	0.8171	0.9460	0.7026
6.3	0.9458	0.9590	0.9995	0.9995	0.9072	0.8162	0.9458	0.7042
6.4	0.9575	0.9676	0.9997	0.9997	0.9315	0.8521	0.9468	0.7654
6.5	0.9398	0.9675	0.9998	0.9997	0.8952	0.7609	0.9339	0.7431
6.6	0.9510	0.9622	0.9997	0.9997	0.9203	0.7985	0.9534	0.7560
6.7	0.9600	0.9596	0.9997	0.9997	0.9357	0.8407	0.9640	0.8043
6.8	0.9439	0.9547	0.9996	0.9996	0.9163	0.8252	0.9395	0.7933
6.9	0.9511	0.9679	0.9997	0.9997	0.9419	0.8970	0.9536	0.8225
7.0	0.9476	0.9746	0.9998	0.9998	0.9500	0.9291	0.9674	0.8782
7.1	0.8604	0.9696	0.9997	0.9996	0.8856	0.8459	0.9218	0.8293
7.2	0.7762	0.9491	0.9997	0.9996	0.7942	0.6955	0.8386	0.7091
7.3	0.7215	0.9349	0.9998	0.9997	0.7204	0.6193	0.8065	0.6616
7.4	0.6837	0.9329	0.9998	0.9998	0.6641	0.4598	0.8009	0.4364
7.5	0.7574	0.9452	0.9998	0.9997	0.6950	0.4976	0.8277	0.3777
7.6	0.8140	0.9256	0.9997	0.9997	0.7201	0.4794	0.8228	0.3529
7.7	0.8017	0.8832	0.9997	0.9997	0.6400	0.4533	0.7863	0.2989
7.8	0.8444	0.8990	0.9998	0.9998	0.7245	0.5409	0.8244	0.3615
7.9	0.8855	0.9207	0.9999	0.9998	0.7725	0.6390	0.8585	0.5292

8.0	0.8341	0.8886	0.9998	0.9998	0.6669	0.5185	0.8064	0.4298
8.1	0.8814	0.9027	0.9997	0.9998	0.7429	0.5874	0.8404	0.4434
8.2	0.9131	0.9068	0.9997	0.9997	0.8256	0.6082	0.8696	0.5600
8.3	0.9156	0.9155	0.9997	0.9997	0.8324	0.6404	0.8857	0.5694
8.4	0.9236	0.9284	0.9997	0.9997	0.8474	0.6908	0.8965	0.5703
8.5	0.9350	0.9446	0.9998	0.9998	0.8811	0.7388	0.9208	0.6646
8.6	0.9371	0.9435	0.9997	0.9997	0.8803	0.7350	0.9189	0.7048
8.7	0.9526	0.9414	0.9997	0.9997	0.8948	0.7924	0.9267	0.7613
8.8	0.9557	0.9360	0.9996	0.9996	0.9056	0.7885	0.9265	0.7619
8.9	0.9514	0.9288	0.9997	0.9997	0.8975	0.8036	0.9142	0.7736
9.0	0.9375	0.9201	0.9997	0.9997	0.8810	0.7964	0.9050	0.7979
9.1	0.9539	0.9499	0.9996	0.9997	0.9270	0.8676	0.9375	0.8206
9.2	0.9526	0.9445	0.9996	0.9997	0.9187	0.8760	0.9386	0.8573
9.3	0.9489	0.9333	0.9995	0.9997	0.8879	0.8382	0.9189	0.8274
9.4	0.9212	0.9025	0.9995	0.9996	0.8556	0.7807	0.8983	0.7356
9.5	0.8751	0.8420	0.9994	0.9995	0.7765	0.6697	0.8362	0.5935
9.6	0.8951	0.8373	0.9997	0.9997	0.7745	0.6578	0.8488	0.5979
9.7	0.8914	0.8325	0.9995	0.9996	0.7118	0.5062	0.8617	0.4692
9.8	0.9340	0.8811	0.9997	0.9996	0.7629	0.4737	0.8821	0.4029
9.9	0.9415	0.8649	0.9997	0.9996	0.7060	0.3018	0.8277	0.2716
10.0	0.9241	0.8514	0.9995	0.9995	0.6954	0.2429	0.8177	0.2093
10.1	0.9378	0.8777	0.9996	0.9995	0.7562	0.3436	0.8587	0.1890
10.2	0.9618	0.9218	0.9997	0.9997	0.8455	0.4438	0.9006	0.2056
10.3	0.9521	0.9023	0.9996	0.9995	0.8422	0.4160	0.8631	0.2027
10.4	0.9472	0.8994	0.9995	0.9995	0.8304	0.3761	0.8504	0.1802
10.5	0.9587	0.9274	0.9996	0.9995	0.8731	0.5548	0.9039	0.2662
10.6	0.9668	0.9479	0.9995	0.9994	0.8944	0.6099	0.9098	0.3200
10.7	0.9785	0.9596	0.9994	0.9994	0.9396	0.7565	0.9257	0.3513
10.8	0.9727	0.9608	0.9995	0.9995	0.9523	0.7970	0.9140	0.5225
10.9	0.9580	0.9410	0.9991	0.9991	0.9323	0.7173	0.8639	0.5867
11.0	0.9569	0.9169	0.9986	0.9986	0.9253	0.7205	0.8645	0.4918
11.1	0.9602	0.9397	0.9988	0.9989	0.9433	0.8225	0.9158	0.6696
11.2	0.9701	0.9572	0.9989	0.9990	0.9591	0.8976	0.9482	0.7560
11.3	0.9725	0.9666	0.9989	0.9989	0.9714	0.9223	0.9526	0.8007
11.4	0.9727	0.9598	0.9982	0.9982	0.9674	0.9197	0.9516	0.8064
11.5	0.9757	0.9663	0.9984	0.9984	0.9730	0.9257	0.9568	0.8620
11.6	0.9689	0.9613	0.9985	0.9986	0.9694	0.9150	0.9540	0.8517
11.7	0.9719	0.9672	0.9984	0.9984	0.9724	0.9243	0.9603	0.8788
11.8	0.9711	0.9721	0.9974	0.9976	0.9689	0.9320	0.9632	0.8798
11.9	0.9597	0.9650	0.9957	0.9957	0.9567	0.9230	0.9555	0.8789
12.0	0.9653	0.9705	0.9965	0.9964	0.9670	0.9315	0.9605	0.9036
12.1	0.9658	0.9670	0.9954	0.9954	0.9700	0.9411	0.9703	0.9104
12.2	0.9672	0.9716	0.9948	0.9945	0.9674	0.9523	0.9754	0.9278
12.3	0.9681	0.9708	0.9936	0.9935	0.9662	0.9542	0.9717	0.9328
12.4	0.9558	0.9598	0.9883	0.9885	0.9591	0.9452	0.9619	0.9218
12.5	0.9580	0.9577	0.9857	0.9858	0.9569	0.9409	0.9614	0.9341
12.6	0.9620	0.9657	0.9858	0.9857	0.9630	0.9492	0.9680	0.9406
12.7	0.9517	0.9554	0.9809	0.9808	0.9511	0.9366	0.9607	0.9211
12.8	0.9408	0.9454	0.9761	0.9759	0.9433	0.9331	0.9498	0.9098
12.9	0.9352	0.9373	0.9703	0.9705	0.9335	0.9240	0.9497	0.9073
13.0	0.9457	0.9482	0.9726	0.9724	0.9451	0.9374	0.9581	0.9227
13.1	0.9040	0.9071	0.9428	0.9425	0.9018	0.8952	0.9284	0.8776
13.2	0.9048	0.9082	0.9280	0.9276	0.9024	0.8979	0.9237	0.8864
13.3	0.9039	0.9081	0.9138	0.9132	0.9004	0.8979	0.9196	0.8844
13.4	0.9170	0.9197	0.9003	0.9004	0.9145	0.9139	0.9283	0.8982
13.5	0.9720	0.9724	0.9598	0.9598	0.9707	0.9696	0.9760	0.9638
13.6	0.9798	0.9804	0.9630	0.9628	0.9792	0.9787	0.9833	0.9729
13.7	0.9904	0.9907	0.9738	0.9737	0.9899	0.9900	0.9921	0.9873
13.8	0.9941	0.9942	0.9827	0.9827	0.9937	0.9934	0.9950	0.9921
13.9	0.9942	0.9945	0.9812	0.9812	0.9940	0.9937	0.9950	0.9929
14.0	0.9922	0.9927	0.9794	0.9792	0.9920	0.9916	0.9933	0.9903
14.1	0.9862	0.9873	0.9776	0.9770	0.9864	0.9856	0.9878	0.9845
14.2	0.9871	0.9881	0.9863	0.9860	0.9875	0.9867	0.9882	0.9862
14.3	0.9806	0.9815	0.9882	0.9878	0.9808	0.9799	0.9818	0.9793
14.4	0.9499	0.9520	0.9838	0.9827	0.9506	0.9496	0.9525	0.9481
14.5	0.9350	0.9372	0.9874	0.9869	0.9360	0.9355	0.9392	0.9336
14.6	0.9207	0.9226	0.9878	0.9877	0.9231	0.9230	0.9263	0.9203
14.7	0.9130	0.9151	0.9879	0.9877	0.9161	0.9167	0.9195	0.9144
14.8	0.9376	0.9408	0.9903	0.9901	0.9412	0.9429	0.9443	0.9397
14.9	0.9549	0.9578	0.9903	0.9899	0.9588	0.9603	0.9633	0.9548
15.0	0.9801	0.9814	0.9912	0.9911	0.9817	0.9822	0.9835	0.9796
15.1	0.9769	0.9789	0.9878	0.9883	0.9800	0.9805	0.9789	0.9808
15.2	0.9774	0.9785	0.9881	0.9883	0.9800	0.9815	0.9810	0.9802
15.3	0.9846	0.9862	0.9890	0.9891	0.9866	0.9879	0.9876	0.9865
15.4	0.9850	0.9872	0.9864	0.9867	0.9870	0.9878	0.9878	0.9867
15.5	0.9829	0.9851	0.9910	0.9918	0.9849	0.9860	0.9860	0.9851
15.6	0.9837	0.9857	0.9907	0.9910	0.9852	0.9870	0.9871	0.9841
15.7	0.9793	0.9818	0.9849	0.9854	0.9812	0.9820	0.9820	0.9759
15.8	0.9656	0.9716	0.9761	0.9769	0.9642	0.9694	0.9667	0.9592
15.9	0.9647	0.9727	0.9819	0.9814	0.9644	0.9704	0.9672	0.9583
16.0	0.9741	0.9810	0.9753	0.9745	0.9747	0.9784	0.9766	0.9685
16.1	0.9763	0.9802	0.9794	0.9792	0.9752	0.9792	0.9773	0.9725
16.2	0.9755	0.9796	0.9777	0.9781	0.9759	0.9803	0.9775	0.9725
16.3	0.9773	0.9817	0.9761	0.9755	0.9820	0.9841	0.9837	0.9755
16.4	0.9706	0.9737	0.9619	0.9616	0.9729	0.9769	0.9755	0.9665
16.5	0.9718	0.9728	0.9634	0.9613	0.9724	0.9767	0.9757	0.9725

16.6	0.9768	0.9776	0.9593	0.9575	0.9772	0.9807	0.9777	0.9749
16.7	0.9730	0.9720	0.9321	0.9334	0.9738	0.9760	0.9719	0.9713
16.8	0.9717	0.9721	0.8990	0.9012	0.9746	0.9761	0.9692	0.9722
16.9	0.9704	0.9721	0.8827	0.8861	0.9728	0.9741	0.9703	0.9698
17.0	0.9672	0.9681	0.8617	0.8642	0.9712	0.9713	0.9694	0.9648
17.1	0.9655	0.9641	0.8383	0.8445	0.9668	0.9708	0.9700	0.9602
17.2	0.9607	0.9607	0.7934	0.7928	0.9603	0.9643	0.9664	0.9522
17.3	0.9561	0.9556	0.6735	0.6815	0.9588	0.9615	0.9636	0.9494
17.4	0.9595	0.9588	0.6770	0.6907	0.9652	0.9675	0.9636	0.9598
17.5	0.9596	0.9590	0.5786	0.5962	0.9600	0.9673	0.9615	0.9650
17.6	0.9494	0.9479	0.2449	0.2780	0.9425	0.9571	0.9475	0.9471
17.7	0.9301	0.9340	0.2062	0.2361	0.9348	0.9423	0.9335	0.9300
17.8	0.9336	0.9374	0.1457	0.1802	0.9354	0.9447	0.9373	0.9336
17.9	0.9302	0.9322	0.1716	0.2003	0.9303	0.9403	0.9354	0.9305
18.0	0.9254	0.9259	0.2849	0.3080	0.9256	0.9346	0.9286	0.9296
18.1	0.9249	0.9262	0.2909	0.3079	0.9289	0.9340	0.9279	0.9279
18.2	0.9279	0.9285	0.3741	0.3655	0.9300	0.9380	0.9334	0.9263
18.3	0.9267	0.9269	0.4257	0.4133	0.9276	0.9322	0.9333	0.9230
18.4	0.9036	0.9045	0.3432	0.3317	0.9119	0.9148	0.9122	0.9102
18.5	0.8761	0.8788	0.5032	0.5009	0.8867	0.8927	0.8827	0.8877
18.6	0.8829	0.8822	0.5849	0.5725	0.8875	0.8887	0.8837	0.8904
18.7	0.8614	0.8532	0.5324	0.5261	0.8584	0.8577	0.8529	0.8638
18.8	0.8308	0.8332	0.4939	0.4899	0.8328	0.8364	0.8335	0.8409
18.9	0.8213	0.8320	0.5310	0.5251	0.8257	0.8345	0.8252	0.8344
19.0	0.8005	0.8073	0.5797	0.5772	0.8045	0.8147	0.8015	0.8230
19.1	0.7723	0.7748	0.5527	0.5577	0.7763	0.7810	0.7750	0.7870
19.2	0.6351	0.6351	0.4222	0.4201	0.6369	0.6411	0.6343	0.6439
19.3	0.6712	0.6734	0.5180	0.5155	0.6810	0.6859	0.6787	0.6841
19.4	0.6299	0.6348	0.5063	0.5052	0.6410	0.6514	0.6334	0.6511
19.5	0.6510	0.6486	0.5843	0.5846	0.6468	0.6581	0.6428	0.6667
19.6	0.6363	0.6365	0.5780	0.5801	0.6352	0.6385	0.6276	0.6599
19.7	0.4969	0.4978	0.4829	0.4844	0.5003	0.5000	0.4882	0.5122
19.8	0.5060	0.5038	0.5302	0.5328	0.5050	0.5072	0.4979	0.5047
19.9	0.5654	0.5615	0.5825	0.5834	0.5636	0.5680	0.5565	0.5598
20.0	0.5711	0.5656	0.6150	0.6155	0.5691	0.5713	0.5581	0.5711
20.1	0.6233	0.6152	0.6754	0.6764	0.6162	0.6156	0.6099	0.6168
20.2	0.6760	0.6663	0.7236	0.7263	0.6709	0.6690	0.6637	0.6669
20.3	0.6317	0.6200	0.6922	0.6948	0.6256	0.6226	0.6136	0.6084
20.4	0.6905	0.6824	0.7548	0.7561	0.6835	0.6792	0.6744	0.6571
20.5	0.7317	0.7323	0.7992	0.8017	0.7285	0.7243	0.7254	0.7099
20.6	0.7592	0.7567	0.8270	0.8300	0.7550	0.7486	0.7506	0.7362
20.7	0.7450	0.7428	0.8290	0.8295	0.7359	0.7321	0.7344	0.7107
20.8	0.8229	0.8221	0.8915	0.8935	0.8201	0.8203	0.8182	0.7919
20.9	0.8527	0.8471	0.9145	0.9185	0.8522	0.8491	0.8481	0.8135
21.0	0.7823	0.7717	0.8753	0.8775	0.7787	0.7641	0.7674	0.7548
21.1	0.7675	0.7629	0.8721	0.8757	0.7636	0.7514	0.7466	0.7315
21.2	0.7586	0.7628	0.8743	0.8825	0.7618	0.7470	0.7424	0.7242
21.3	0.7755	0.7826	0.8843	0.8900	0.7747	0.7633	0.7674	0.7344
21.4	0.7864	0.7727	0.8959	0.8985	0.7685	0.7651	0.7679	0.7204
21.5	0.8636	0.8518	0.9327	0.9330	0.8311	0.8409	0.8376	0.8059
21.6	0.8368	0.8454	0.9254	0.9276	0.8228	0.8228	0.7968	0.8098
21.7	0.8441	0.8613	0.9350	0.9385	0.8499	0.8312	0.8386	0.8042
21.8	0.8296	0.8481	0.9325	0.9370	0.8355	0.8089	0.8179	0.7544
21.9	0.8240	0.8297	0.9325	0.9347	0.8365	0.8238	0.7847	0.7581
22.0	0.8419	0.8518	0.9418	0.9451	0.8527	0.8425	0.7918	0.7787
22.1	0.7962	0.7927	0.9141	0.9193	0.7970	0.7729	0.7022	0.7044
22.2	0.8365	0.8354	0.9370	0.9378	0.8410	0.8306	0.7366	0.8003
22.3	0.8769	0.8695	0.9532	0.9550	0.8687	0.8577	0.7773	0.8283
22.4	0.8657	0.8571	0.9469	0.9504	0.8570	0.8522	0.7847	0.7964
22.5	0.8677	0.8574	0.9532	0.9546	0.8501	0.8415	0.7807	0.7716
22.6	0.8285	0.8730	0.9484	0.9549	0.8551	0.8399	0.7833	0.7416
22.7	0.8399	0.8749	0.9451	0.9495	0.8370	0.8332	0.7609	0.7603
22.8	0.8464	0.8251	0.9302	0.9370	0.8022	0.7946	0.7259	0.7445
22.9	0.8040	0.8098	0.9225	0.9297	0.7926	0.7892	0.6836	0.7224
23.0	0.7581	0.7825	0.9188	0.9250	0.7554	0.7575	0.6663	0.5949
23.1	0.8030	0.8159	0.9415	0.9479	0.7737	0.7562	0.7409	0.6480
23.2	0.7982	0.8229	0.9434	0.9470	0.7844	0.7739	0.7667	0.6898
23.3	0.7779	0.8051	0.9341	0.9388	0.7615	0.7272	0.6819	0.6667
23.4	0.8139	0.8611	0.9530	0.9539	0.8091	0.7603	0.7539	0.6828
23.5	0.8231	0.8143	0.9500	0.9478	0.8016	0.7644	0.7662	0.6129
23.6	0.7548	0.7007	0.9232	0.9205	0.7260	0.6814	0.6747	0.5502
23.7	0.7565	0.7407	0.9291	0.9271	0.7241	0.6627	0.6939	0.5513
23.8	0.7524	0.6936	0.9301	0.9242	0.6828	0.6646	0.6874	0.4813
23.9	0.7917	0.7508	0.9411	0.9415	0.7292	0.7082	0.7544	0.5047
24.0	0.7176	0.6874	0.9247	0.9269	0.6710	0.6346	0.7370	0.4421
24.1	0.6893	0.6565	0.9214	0.9285	0.6777	0.6258	0.7186	0.4550
24.2	0.6849	0.6696	0.9163	0.9266	0.6916	0.5786	0.6710	0.3368
24.3	0.6718	0.6954	0.9189	0.9258	0.6629	0.5175	0.6822	0.3947
24.4	0.6479	0.6587	0.9073	0.9218	0.5973	0.5775	0.6885	0.3424
24.5	0.6358	0.7029	0.9080	0.9168	0.6263	0.6011	0.6935	0.3071
24.6	0.6508	0.7362	0.9177	0.9234	0.6337	0.6075	0.7358	0.3687
24.7	0.7455	0.7712	0.9314	0.9375	0.7227	0.6576	0.7906	0.4382
24.8	0.7503	0.7331	0.9359	0.9342	0.6937	0.5767	0.7509	0.3148
24.9	0.7088	0.6466	0.9110	0.9042	0.5999	0.6134	0.6938	0.2371
25.0	0.6359	0.5803	0.8611	0.8595	0.5689	0.5426	0.6677	0.2138
25.1	0.5380	0.5722	0.8382	0.8357	0.4867	0.4613	0.6229	0.1428

25.2	0.5893	0.5216	0.8522	0.8526	0.4729	0.4211	0.5819	0.1544
25.3	0.6719	0.5954	0.8635	0.8509	0.5613	0.4938	0.5978	0.3273
25.4	0.5960	0.5894	0.8492	0.8356	0.5510	0.4803	0.6270	0.2294
25.5	0.4470	0.4049	0.7501	0.7690	0.4502	0.3372	0.4257	0.2812
25.6	0.4442	0.4664	0.7576	0.7658	0.5020	0.3825	0.4871	0.2487
25.7	0.4612	0.4154	0.7062	0.7098	0.4634	0.3616	0.4989	0.1016
25.8	0.5742	0.5436	0.7500	0.7565	0.5454	0.4886	0.5661	0.1775
25.9	0.5558	0.5907	0.7738	0.7610	0.5314	0.3818	0.6284	0.1732
26.0	0.5235	0.5535	0.7153	0.7206	0.4393	0.3909	0.6086	0.1420
26.1	0.6259	0.4952	0.7291	0.7426	0.4327	0.4100	0.5586	0.1484
26.2	0.5773	0.5032	0.7553	0.7520	0.4213	0.4007	0.5907	0.0622
26.3	0.4813	0.4131	0.6444	0.6236	0.3861	0.3586	0.5831	0.1096
26.4	0.4316	0.3813	0.5190	0.5078	0.3881	0.3945	0.5202	0.1436
26.5	0.4847	0.3801	0.4859	0.4922	0.4157	0.4571	0.5756	0.0929
26.6	0.4082	0.4694	0.4835	0.5188	0.4233	0.4462	0.6562	0.0919
26.7	0.4179	0.3995	0.5116	0.5145	0.3237	0.2973	0.5572	0.0287
26.8	0.5114	0.3012	0.5103	0.4939	0.3132	0.2823	0.6151	0.0633
26.9	0.3771	0.3108	0.2680	0.2513	0.1742	0.2722	0.6152	0.1079
27.0	0.3783	0.4575	0.1794	0.1764	0.1868	0.2948	0.6539	0.0926
27.1	0.3692	0.4266	0.1859	0.2136	0.1887	0.2762	0.6135	0.0122
27.2	0.2574	0.2693	0.1534	0.2211	0.1303	0.2271	0.6772	0.0148
27.3	0.4133	0.4508	0.3206	0.3439	0.2711	0.3303	0.7981	0.0022
27.4	0.4912	0.4620	0.2764	0.3087	0.2851	0.3252	0.7677	0.0055
27.5	0.3171	0.4687	0.2784	0.3219	0.2422	0.3314	0.7630	0.0172
27.6	0.2451	0.4035	0.3148	0.3330	0.1837	0.1479	0.7884	0.0425
27.7	0.2207	0.3513	0.2763	0.2646	0.1657	0.2043	0.7137	0.0155
27.8	0.3276	0.4394	0.2953	0.3693	0.3123	0.2644	0.7365	0.0024
27.9	0.3793	0.4044	0.3784	0.4069	0.2161	0.1360	0.7337	0.0226
28.0	0.3879	0.2996	0.5258	0.5473	0.2288	0.1850	0.6657	0.0107
28.1	0.5571	0.3725	0.6697	0.7358	0.4094	0.3562	0.7226	0.0084
28.2	0.5440	0.5021	0.7797	0.8311	0.4997	0.3633	0.7480	0.0007
28.3	0.5306	0.4201	0.7742	0.8037	0.4496	0.3370	0.7431	0.0182
28.4	0.2977	0.3739	0.7245	0.6700	0.3222	0.2129	0.5762	0.0422
28.5	0.2997	0.2813	0.6436	0.6070	0.4039	0.0701	0.5454	0.0529
28.6	0.4281	0.2692	0.6121	0.6575	0.4049	0.1577	0.6355	0.0180
28.7	0.2829	0.1845	0.5420	0.5542	0.1645	0.1778	0.5233	0.1143
28.8	0.2682	0.2136	0.6747	0.5332	0.1743	0.1588	0.5635	0.1053
28.9	0.2433	0.2596	0.6441	0.5680	0.2917	0.1912	0.6145	0.1439
29.0	0.2508	0.1845	0.5069	0.4678	0.3845	0.1833	0.5602	0.1562
29.1	0.1578	0.1769	0.5420	0.5186	0.1448	0.0296	0.5306	0.2083
29.2	0.1931	0.1884	0.4258	0.5493	0.1025	0.0318	0.5276	0.0720
29.3	0.3610	0.2304	0.5208	0.6509	0.2016	0.0692	0.6188	0.0878
29.4	0.2739	0.1886	0.6047	0.6649	0.2060	0.1438	0.5872	0.2196
29.5	0.2176	0.1681	0.6676	0.7284	0.1516	0.1577	0.6390	0.3209
29.6	0.2632	0.2510	0.7731	0.8001	0.2049	0.2893	0.6636	0.3465
29.7	0.2480	0.1492	0.7667	0.7802	0.0631	0.1926	0.5944	0.3412
29.8	0.2608	0.2514	0.8371	0.8252	0.1386	0.1112	0.6368	0.3935
29.9	0.2005	0.1369	0.7887	0.8476	0.0641	0.0287	0.5787	0.1786
30.0	0.1498	0.0551	0.8156	0.8887	0.0275	0.0189	0.6363	0.2791
30.1	0.2124	0.1038	0.8841	0.9174	0.0617	0.1159	0.8076	0.4954
30.2	0.1381	0.1345	0.9136	0.9112	0.0260	0.0307	0.7814	0.4329
30.3	0.1572	0.0535	0.8827	0.8823	0.0463	0.0650	0.7576	0.3494
30.4	0.2395	0.0755	0.8828	0.9119	0.0842	0.1178	0.7406	0.5234
30.5	0.1428	0.0312	0.9174	0.9244	0.1041	0.1992	0.7874	0.7246
30.6	0.2653	0.0297	0.9279	0.9390	0.0344	0.1925	0.7641	0.7115
30.7	0.3406	0.0237	0.9407	0.9491	0.1064	0.1866	0.7975	0.6913
30.8	0.3266	0.0141	0.9525	0.9471	0.1781	0.2299	0.8371	0.7245
30.9	0.1490	0.0560	0.9407	0.9434	0.0936	0.1478	0.7938	0.7058
31.0	0.1710	0.0076	0.9375	0.9479	0.1499	0.2886	0.8495	0.6973
31.1	0.2724	0.0734	0.9463	0.9410	0.1559	0.3398	0.8533	0.7514
31.2	0.3171	0.0682	0.9533	0.9594	0.1572	0.3400	0.8511	0.7966
31.3	0.3794	0.0711	0.9371	0.9572	0.3171	0.4711	0.8437	0.7739
31.4	0.4690	0.0338	0.9353	0.9567	0.3148	0.4516	0.8590	0.7859
31.5	0.5434	0.0566	0.9427	0.9554	0.3260	0.5073	0.8641	0.8127
31.6	0.4761	0.1885	0.9554	0.9657	0.4529	0.5115	0.8783	0.7991
31.7	0.4989	0.2122	0.9553	0.9641	0.5220	0.5694	0.8839	0.8561
31.8	0.5118	0.0898	0.9589	0.9583	0.5165	0.5648	0.9205	0.8605
31.9	0.6090	0.1330	0.9501	0.9589	0.4684	0.5831	0.8999	0.8071
32.0	0.5822	0.1691	0.9462	0.9548	0.4713	0.5041	0.8829	0.7771
32.1	0.6174	0.1331	0.9508	0.9669	0.4648	0.5487	0.9177	0.7799
32.2	0.5913	0.2274	0.9533	0.9735	0.4732	0.6432	0.9323	0.7601
32.3	0.5113	0.2582	0.9463	0.9662	0.5183	0.6615	0.8920	0.6975
32.4	0.5336	0.1749	0.9355	0.9585	0.4917	0.6219	0.8837	0.5535
32.5	0.5557	0.2332	0.9290	0.9611	0.5012	0.6313	0.8728	0.5838
32.6	0.5755	0.3785	0.9410	0.9654	0.6090	0.7203	0.9036	0.6144
32.7	0.4525	0.3385	0.9357	0.9612	0.4770	0.6380	0.8817	0.5056
32.8	0.3008	0.1668	0.9339	0.9691	0.5708	0.6563	0.8968	0.3109
32.9	0.1185	0.2666	0.9335	0.9597	0.4264	0.4952	0.8442	0.3260
33.0	0.2025	0.3520	0.8858	0.9378	0.2899	0.3892	0.7790	0.1627
33.1	0.2183	0.3051	0.8953	0.9485	0.3118	0.4757	0.8181	0.1891
33.2	0.2520	0.2516	0.9039	0.9446	0.3879	0.5492	0.8469	0.1283
33.3	0.2970	0.3559	0.9408	0.9712	0.4452	0.5787	0.8653	0.1205
33.4	0.3388	0.3207	0.9429	0.9652	0.4495	0.6396	0.8629	0.0809
33.5	0.4762	0.3211	0.9134	0.9577	0.6224	0.7146	0.8838	0.1071
33.6	0.4672	0.3819	0.8835	0.9632	0.6321	0.6979	0.8701	0.0626
33.7	0.5306	0.4133	0.9064	0.9687	0.6935	0.7369	0.8988	0.1166

33.8	0.6411	0.4411	0.9104	0.9620	0.7837	0.7897	0.9085	0.2729
33.9	0.6578	0.4781	0.8936	0.9531	0.7496	0.7782	0.8875	0.3208
34.0	0.8127	0.6691	0.9265	0.9680	0.8238	0.8494	0.9281	0.5049
34.1	0.8579	0.6178	0.9292	0.9564	0.8377	0.8511	0.9071	0.6631
34.2	0.8115	0.5109	0.9182	0.9402	0.8265	0.8384	0.8768	0.6040
34.3	0.7965	0.5177	0.9414	0.9455	0.8379	0.8486	0.8800	0.6668
34.4	0.8346	0.6139	0.9444	0.9472	0.8471	0.8528	0.8787	0.7089
34.5	0.7788	0.4841	0.9372	0.9497	0.8171	0.8258	0.8617	0.6244
34.6	0.7828	0.5320	0.9449	0.9488	0.8529	0.8365	0.8777	0.6934
34.7	0.7636	0.4977	0.9449	0.9520	0.8635	0.8415	0.8796	0.7048
34.8	0.7829	0.5617	0.9402	0.9571	0.8712	0.8510	0.8739	0.7407
34.9	0.8218	0.6453	0.9673	0.9679	0.9052	0.8973	0.8973	0.8056
35.0	0.7427	0.5770	0.9604	0.9647	0.8768	0.8593	0.8683	0.7731
35.1	0.7611	0.6172	0.9614	0.9588	0.8549	0.8347	0.8347	0.7249
35.2	0.7977	0.6353	0.9814	0.9729	0.8573	0.8328	0.8466	0.7365
35.3	0.7536	0.6923	0.9847	0.9750	0.8562	0.8293	0.8559	0.7421
35.4	0.7342	0.6286	0.9758	0.9735	0.8629	0.8258	0.8444	0.7662
35.5	0.7518	0.6896	0.9795	0.9785	0.8448	0.8288	0.8188	0.7950
35.6	0.6622	0.5912	0.9686	0.9651	0.7993	0.7803	0.7623	0.6989
35.7	0.6377	0.6043	0.9648	0.9621	0.7542	0.6736	0.7013	0.5396
35.8	0.5937	0.5649	0.9629	0.9484	0.6704	0.5845	0.5997	0.5081
35.9	0.7187	0.5836	0.9725	0.9683	0.7511	0.6841	0.7191	0.5664
36.0	0.6981	0.5519	0.9688	0.9583	0.7372	0.6910	0.7275	0.4965
36.1	0.5924	0.4328	0.9627	0.9565	0.6921	0.6308	0.6848	0.3251
36.2	0.7417	0.5071	0.9568	0.9634	0.7880	0.6794	0.7671	0.5328
36.3	0.6583	0.4919	0.9625	0.9655	0.7697	0.6249	0.7459	0.4968
36.4	0.6042	0.4104	0.9730	0.9656	0.6955	0.6102	0.7138	0.3915
36.5	0.7153	0.5193	0.9783	0.9718	0.7665	0.6945	0.8097	0.4461
36.6	0.6900	0.5958	0.9831	0.9772	0.7756	0.6803	0.8109	0.4328
36.7	0.6189	0.5020	0.9809	0.9737	0.7240	0.6003	0.7549	0.4270
36.8	0.4931	0.4339	0.9788	0.9688	0.6544	0.4984	0.6584	0.3624
36.9	0.2881	0.3490	0.9724	0.9642	0.5372	0.3730	0.5704	0.1702
37.0	0.2034	0.2496	0.9717	0.9668	0.4268	0.2323	0.5001	0.1087
37.1	0.1109	0.1563	0.9614	0.9692	0.4944	0.2576	0.4965	0.1244
37.2	0.0635	0.2338	0.9609	0.9636	0.5349	0.3604	0.5483	0.1259
37.3	0.0485	0.2365	0.9647	0.9625	0.4058	0.2879	0.6223	0.0585
37.4	0.1598	0.1906	0.9076	0.8857	0.2294	0.1516	0.4496	0.0181
37.5	0.3113	0.1739	0.9466	0.9329	0.2307	0.1426	0.5417	0.1066
37.6	0.2619	0.2757	0.9742	0.9692	0.3901	0.2131	0.6991	0.1707
37.7	0.1088	0.2822	0.9594	0.9702	0.3087	0.1362	0.6263	0.1122
37.8	0.2374	0.3123	0.9704	0.9665	0.2635	0.1186	0.5645	0.1240
37.9	0.2901	0.1940	0.9703	0.9559	0.1913	0.1146	0.5761	0.2491
38.0	0.2373	0.1580	0.9589	0.9605	0.2806	0.1979	0.6636	0.2633
38.1	0.2536	0.0970	0.9398	0.9563	0.3247	0.3108	0.6335	0.2066
38.2	0.4938	0.2063	0.9371	0.9626	0.4209	0.4667	0.6125	0.4424
38.3	0.5567	0.3416	0.9500	0.9634	0.5678	0.5843	0.6572	0.5553
38.4	0.5444	0.4395	0.9554	0.9483	0.6384	0.6173	0.6871	0.5478
38.5	0.6258	0.3106	0.9312	0.9499	0.6410	0.6060	0.5841	0.6082
38.6	0.5896	0.2732	0.9415	0.9585	0.6374	0.6310	0.5555	0.6470
38.7	0.6057	0.3422	0.9515	0.9700	0.7520	0.7238	0.6181	0.7999
38.8	0.5877	0.3770	0.9431	0.9647	0.7385	0.6705	0.6321	0.7448
38.9	0.5885	0.3548	0.9236	0.9467	0.7714	0.7027	0.6154	0.7064
39.0	0.5035	0.2825	0.9272	0.9498	0.7247	0.6401	0.5892	0.7221
39.1	0.6212	0.3456	0.9217	0.9453	0.6825	0.6342	0.5632	0.7334
39.2	0.5199	0.3607	0.9132	0.9381	0.7160	0.6651	0.5726	0.7383
39.3	0.5079	0.2382	0.9221	0.9545	0.7636	0.6725	0.6343	0.7373
39.4	0.3517	0.1704	0.9096	0.9512	0.6767	0.5670	0.5230	0.6295
39.5	0.2848	0.2222	0.8613	0.9350	0.5996	0.4853	0.3753	0.6188
39.6	0.3741	0.1958	0.8371	0.9521	0.6164	0.4958	0.4412	0.6018
39.7	0.3433	0.2361	0.8496	0.9287	0.5619	0.4560	0.4895	0.4380
39.8	0.4156	0.2617	0.9034	0.9393	0.5361	0.4829	0.4900	0.4817
39.9	0.4294	0.1863	0.9114	0.9453	0.5578	0.4839	0.4575	0.5616
40.0	0.3930	0.1705	0.8788	0.9434	0.5500	0.4231	0.4533	0.4690
40.1	0.4132	0.2996	0.8855	0.9290	0.6314	0.5151	0.5580	0.5307
40.2	0.2649	0.2579	0.9009	0.9180	0.5460	0.3801	0.4402	0.4490
40.3	0.1686	0.2559	0.9078	0.9025	0.5874	0.4702	0.5402	0.4321
40.4	0.1398	0.1539	0.8625	0.9032	0.5529	0.4544	0.4860	0.4737
40.5	0.2517	0.0590	0.8725	0.9068	0.5148	0.3635	0.3535	0.4870
40.6	0.2256	0.0982	0.9018	0.9178	0.4819	0.3698	0.3720	0.4250
40.7	0.0987	0.0682	0.8990	0.9014	0.3704	0.3100	0.3831	0.3282
40.8	0.1161	0.0509	0.9021	0.9279	0.4728	0.3284	0.3330	0.4292
40.9	0.2306	0.0491	0.9158	0.9267	0.4874	0.3232	0.4124	0.4519
41.0	0.1603	0.0184	0.9088	0.9311	0.3532	0.2394	0.3448	0.3686
41.1	0.1526	0.0086	0.8756	0.9297	0.1786	0.0980	0.1367	0.1679
41.2	0.1410	0.0009	0.8769	0.9066	0.2620	0.1746	0.2391	0.2078
41.3	0.1366	0.0306	0.8968	0.9273	0.2432	0.0711	0.1468	0.2118
41.4	0.1648	0.0544	0.9256	0.9211	0.2072	0.0850	0.1422	0.2951
41.5	0.1965	0.0575	0.8949	0.9197	0.2737	0.1448	0.1410	0.3507
41.6	0.0820	0.0197	0.8621	0.9059	0.1155	0.0722	0.1026	0.1639
41.7	0.0817	0.0879	0.8806	0.9179	0.0461	0.0777	0.0784	0.1037
41.8	0.1833	0.1046	0.8937	0.9276	0.0874	0.0764	0.1080	0.1831
41.9	0.2402	0.1504	0.9037	0.9211	0.0415	0.0527	0.0651	0.0977
42.0	0.2362	0.1938	0.8514	0.9087	0.0172	0.0471	0.0317	0.1024
42.1	0.2362	0.1423	0.8624	0.9091	0.0064	0.0678	0.0370	0.0940
42.2	0.1305	0.1175	0.8444	0.9091	0.0172	0.1034	0.0160	0.0502
42.3	0.1177	0.1976	0.8671	0.9337	0.0572	0.1752	0.0584	0.1031

42.4	0.1967	0.2582	0.8453	0.9068	0.0563	0.1518	0.0621	0.1125
42.5	0.2797	0.3774	0.8607	0.9283	0.0545	0.1752	0.0562	0.1753
42.6	0.2362	0.5051	0.8976	0.9489	0.2017	0.2698	0.1484	0.2587
42.7	0.2471	0.4710	0.8850	0.9367	0.2404	0.2805	0.2614	0.1717
42.8	0.1819	0.3737	0.8418	0.9352	0.1606	0.2448	0.2197	0.1687
42.9	0.0878	0.2913	0.8548	0.9389	0.1919	0.3585	0.1793	0.2934
43.0	0.2125	0.4385	0.8931	0.9352	0.3034	0.3904	0.3395	0.3367
43.1	0.2658	0.4940	0.8850	0.9364	0.4005	0.4480	0.4220	0.3307
43.2	0.2979	0.5184	0.8849	0.9324	0.5091	0.4663	0.4315	0.4783
43.3	0.2750	0.4820	0.9008	0.9139	0.5055	0.3848	0.3534	0.3880
43.4	0.2657	0.3951	0.8944	0.9217	0.4809	0.3721	0.4087	0.2228
43.5	0.1427	0.3480	0.8862	0.9219	0.2678	0.1965	0.3305	0.0289
43.6	0.2079	0.2882	0.9274	0.9331	0.2322	0.2106	0.2504	0.1370
43.7	0.1395	0.2760	0.9170	0.9149	0.1553	0.1250	0.1232	0.1900
43.8	0.2067	0.3963	0.8887	0.8873	0.2981	0.1434	0.1921	0.1319
43.9	0.1773	0.4236	0.8849	0.8956	0.2867	0.1666	0.2976	0.0356
44.0	0.2285	0.3628	0.9254	0.9395	0.2847	0.2152	0.3991	0.0244
44.1	0.2279	0.3797	0.9538	0.9604	0.3173	0.2561	0.4708	0.2094
44.2	0.1329	0.3004	0.9421	0.9510	0.4638	0.2824	0.4662	0.1993
44.3	0.1122	0.2344	0.9466	0.9450	0.3305	0.0720	0.3110	0.2098
44.4	0.1305	0.3666	0.9081	0.9243	0.2474	0.1753	0.0870	0.3241
44.5	0.1449	0.4267	0.8736	0.9128	0.4315	0.3120	0.0986	0.4554
44.6	0.1199	0.3747	0.8692	0.9151	0.3350	0.1997	0.1246	0.2741
44.7	0.1211	0.3856	0.8981	0.9287	0.4067	0.3120	0.2122	0.3736
44.8	0.0695	0.3225	0.8738	0.9113	0.3749	0.2376	0.2940	0.1661
44.9	0.1434	0.2383	0.8791	0.8821	0.3672	0.1405	0.2667	0.1377
45.0	0.0885	0.1487	0.8389	0.8559	0.3193	0.0738	0.3718	0.0377
45.1	0.0008	0.1265	0.8892	0.8945	0.3961	0.2790	0.5572	0.0777
45.2	0.0000	0.2939	0.9062	0.9183	0.5283	0.3844	0.5121	0.2128
45.3	0.0109	0.1224	0.9121	0.9230	0.4640	0.2519	0.3084	0.3068
45.4	0.0363	0.1565	0.9239	0.9331	0.4590	0.3387	0.4004	0.2380
45.5	0.0399	0.3753	0.9240	0.9130	0.5582	0.4717	0.5810	0.2232
45.6	0.1544	0.1835	0.9292	0.9198	0.6051	0.3982	0.6357	0.0962
45.7	0.0013	0.1320	0.9153	0.8861	0.5977	0.3943	0.7222	0.2599
45.8	0.0148	0.2706	0.8919	0.9063	0.5775	0.4399	0.7525	0.3782
45.9	0.1067	0.4091	0.8661	0.9345	0.6589	0.5653	0.7322	0.5567
46.0	0.1377	0.2819	0.8986	0.9217	0.6592	0.4325	0.7814	0.4668
46.1	0.0215	0.2766	0.9088	0.9358	0.7020	0.5304	0.7831	0.5336
46.2	0.0397	0.2686	0.8762	0.8944	0.7524	0.6010	0.7212	0.4715
46.3	0.0408	0.3830	0.8984	0.8902	0.8013	0.6289	0.7640	0.3849
46.4	0.0996	0.4169	0.9049	0.8950	0.7817	0.6786	0.7543	0.3133
46.5	0.0368	0.1640	0.8345	0.8653	0.8027	0.5804	0.7428	0.2447
46.6	0.0573	0.0744	0.8210	0.8430	0.7333	0.4612	0.5775	0.2168
46.7	0.0861	0.1632	0.8514	0.8481	0.7175	0.4048	0.5237	0.3442
46.8	0.1478	0.1919	0.8888	0.8762	0.7390	0.4399	0.4022	0.3830
46.9	0.1991	0.2633	0.9081	0.9022	0.7224	0.5680	0.3818	0.4034
47.0	0.0613	0.3824	0.9097	0.9026	0.7713	0.6307	0.5662	0.2860
47.1	0.1125	0.3479	0.9026	0.9054	0.7885	0.6555	0.7182	0.3170
47.2	0.1077	0.0692	0.8857	0.8751	0.7163	0.4847	0.6271	0.3981
47.3	0.1748	0.0533	0.8704	0.8470	0.6342	0.2405	0.3855	0.2800
47.4	0.2278	0.2021	0.8872	0.8586	0.5199	0.2247	0.1622	0.1438
47.5	0.1623	0.3394	0.9397	0.9043	0.5800	0.3064	0.2992	0.1961
47.6	0.2690	0.2350	0.9481	0.9344	0.6473	0.3677	0.6031	0.0703
47.7	0.1772	0.3343	0.9310	0.9174	0.6805	0.4636	0.6419	0.1535
47.8	0.1094	0.4636	0.8156	0.7917	0.5730	0.3558	0.4610	0.1576
47.9	0.1328	0.4469	0.6391	0.4924	0.4237	0.1961	0.1815	0.0840
48.0	0.0108	0.4925	0.8253	0.7070	0.6100	0.4445	0.3728	0.2511
48.1	0.0004	0.4665	0.9089	0.8592	0.7675	0.5976	0.7264	0.4297
48.2	0.0215	0.4631	0.9321	0.9196	0.8157	0.5908	0.7550	0.7033
48.3	0.0556	0.4684	0.9408	0.9399	0.8233	0.5803	0.7246	0.7131
48.4	0.0297	0.3447	0.9011	0.8873	0.7432	0.4393	0.3913	0.6248
48.5	0.0013	0.2332	0.7668	0.7982	0.6136	0.2641	0.0644	0.3925
48.6	0.0844	0.2701	0.8256	0.7939	0.5831	0.2471	0.0867	0.2405
48.7	0.1589	0.3300	0.8558	0.8254	0.5645	0.2923	0.2093	0.3147
48.8	0.0909	0.3389	0.9131	0.8493	0.5973	0.3023	0.0638	0.3884
48.9	0.0149	0.3347	0.8604	0.8334	0.7211	0.4088	0.2339	0.4962
49.0	0.0953	0.3098	0.7914	0.7198	0.6512	0.3889	0.1846	0.4942
49.1	0.0634	0.2965	0.8283	0.8231	0.6748	0.3519	0.1513	0.4596
49.2	0.0092	0.2056	0.8020	0.7737	0.5540	0.2357	0.0198	0.3840
49.3	0.0219	0.1770	0.7796	0.7735	0.4642	0.2255	0.0055	0.3547
49.4	0.0766	0.2693	0.7681	0.6632	0.4198	0.1576	0.0041	0.2898
49.5	0.0548	0.3641	0.7441	0.6700	0.5562	0.3415	0.0358	0.3951
49.6	0.1407	0.2765	0.7083	0.5156	0.5433	0.3321	0.0212	0.4365
49.7	0.0593	0.0153	0.1914	0.1299	0.2005	0.1166	0.0218	0.1345
49.8	0.0791	0.0034	0.1545	0.0569	0.1675	0.0978	0.0367	0.1134
49.9	0.1414	0.0491	0.2810	0.1100	0.3161	0.1694	0.0421	0.1650
50.0	0.1602	0.2284	0.5362	0.4196	0.4073	0.2218	0.0433	0.1895
50.1	0.0859	0.1050	0.4328	0.3034	0.3204	0.1665	0.0126	0.1431
50.2	0.1307	0.1890	0.6611	0.4876	0.4722	0.2691	0.0236	0.3037
50.3	0.3656	0.4995	0.8686	0.7069	0.6399	0.3643	0.1317	0.5661
50.4	0.2747	0.4058	0.7069	0.4544	0.6901	0.4085	0.2962	0.4878
50.5	0.3431	0.2686	0.7486	0.5349	0.7436	0.5847	0.4509	0.6312
50.6	0.3363	0.2836	0.8461	0.7324	0.6654	0.5262	0.3993	0.6427
50.7	0.1969	0.2454	0.8308	0.7774	0.5732	0.3700	0.2135	0.4749
50.8	0.3890	0.3274	0.8799	0.7939	0.7514	0.6483	0.4530	0.6776
50.9	0.4143	0.3939	0.8765	0.7947	0.7608	0.6602	0.4656	0.7280

51.0	0.5617	0.4693	0.9161	0.8116	0.7763	0.6507	0.5352	0.7657
51.1	0.6299	0.4566	0.9385	0.8451	0.7367	0.6220	0.5410	0.7086
51.2	0.6551	0.5862	0.9635	0.9261	0.7737	0.6476	0.4717	0.7805
51.3	0.6137	0.6400	0.9477	0.8714	0.7582	0.6242	0.4015	0.7021
51.4	0.4241	0.3879	0.8778	0.7426	0.6985	0.5777	0.3820	0.5341
51.5	0.4846	0.4670	0.9263	0.7951	0.6758	0.5139	0.4757	0.5579
51.6	0.6587	0.6378	0.9577	0.9175	0.7492	0.6310	0.6502	0.6616
51.7	0.6666	0.6962	0.9658	0.9557	0.7574	0.6531	0.6479	0.6976
51.8	0.6837	0.7163	0.9729	0.9681	0.7699	0.6680	0.6323	0.7527
51.9	0.6865	0.7682	0.9685	0.9610	0.7555	0.6669	0.6312	0.7324
52.0	0.6860	0.7355	0.9604	0.9543	0.7251	0.6410	0.6221	0.7135
52.1	0.7743	0.7993	0.9717	0.9622	0.7893	0.6906	0.5883	0.7758
52.2	0.7617	0.8139	0.9810	0.9679	0.7877	0.6782	0.5424	0.7793
52.3	0.7648	0.7530	0.9680	0.9602	0.7386	0.6270	0.5085	0.7506
52.4	0.8019	0.7800	0.9658	0.9583	0.7686	0.6835	0.5911	0.7840
52.5	0.7937	0.7460	0.9661	0.9568	0.7517	0.6737	0.6124	0.7622
52.6	0.8683	0.8273	0.9845	0.9776	0.8362	0.7861	0.7660	0.8197
52.7	0.8394	0.8309	0.9689	0.9618	0.8023	0.7555	0.7095	0.7792
52.8	0.8465	0.8460	0.9748	0.9609	0.7888	0.7410	0.6970	0.7700
52.9	0.8879	0.8655	0.9826	0.9725	0.8333	0.7951	0.7324	0.8238
53.0	0.8836	0.8792	0.9875	0.9778	0.8249	0.7669	0.6817	0.8135
53.1	0.8426	0.7932	0.9763	0.9585	0.7297	0.6511	0.6358	0.6979
53.2	0.8405	0.7750	0.9725	0.9704	0.7459	0.7034	0.7185	0.6910
53.3	0.8511	0.7961	0.9838	0.9762	0.7644	0.7310	0.7600	0.6736
53.4	0.8702	0.8370	0.9847	0.9722	0.8324	0.7951	0.8252	0.7573
53.5	0.8779	0.8546	0.9826	0.9667	0.8675	0.8267	0.8467	0.8003
53.6	0.8810	0.8719	0.9837	0.9803	0.8833	0.8451	0.8423	0.8307
53.7	0.8917	0.8796	0.9730	0.9714	0.8696	0.8208	0.8600	0.7752
53.8	0.8799	0.8823	0.9580	0.9647	0.8748	0.8283	0.8819	0.7646
53.9	0.8937	0.8865	0.9817	0.9837	0.8690	0.8215	0.8935	0.7504
54.0	0.8961	0.9075	0.9877	0.9869	0.8626	0.8175	0.8851	0.7473
54.1	0.8989	0.9025	0.9661	0.9655	0.8690	0.8258	0.8858	0.6991
54.2	0.8756	0.8744	0.9255	0.9221	0.8578	0.8015	0.8777	0.6123
54.3	0.8770	0.8536	0.9543	0.9477	0.8636	0.8251	0.9011	0.6133
54.4	0.8886	0.8654	0.9872	0.9819	0.8418	0.7942	0.8796	0.7179
54.5	0.8829	0.8651	0.9860	0.9843	0.8035	0.7214	0.8631	0.6447
54.6	0.8645	0.8489	0.9705	0.9667	0.8058	0.7013	0.8410	0.6393
54.7	0.8376	0.8128	0.9491	0.9238	0.8005	0.6432	0.8115	0.6011
54.8	0.8458	0.8265	0.9398	0.9290	0.8002	0.6645	0.8339	0.5962
54.9	0.8747	0.8538	0.9624	0.9553	0.7993	0.6654	0.8413	0.6430
55.0	0.8504	0.8451	0.9737	0.9731	0.7804	0.6757	0.8399	0.6215
55.1	0.7998	0.7545	0.9795	0.9662	0.7587	0.6049	0.7668	0.6472
55.2	0.7605	0.7155	0.9741	0.9598	0.6860	0.4676	0.6902	0.6049
55.3	0.7312	0.6664	0.9647	0.9300	0.6604	0.4746	0.6707	0.6000
55.4	0.7630	0.6874	0.9569	0.9178	0.7014	0.5337	0.6750	0.6435
55.5	0.8370	0.7327	0.9410	0.9130	0.7507	0.6529	0.7354	0.6114
55.6	0.8718	0.7537	0.9605	0.9342	0.7389	0.6283	0.7439	0.5753
55.7	0.8373	0.7543	0.9730	0.9433	0.7502	0.6284	0.7433	0.6410
55.8	0.8083	0.7484	0.9665	0.9230	0.7764	0.6394	0.7782	0.6392
55.9	0.8157	0.7517	0.9561	0.8899	0.7579	0.6031	0.7519	0.6463
56.0	0.7876	0.6712	0.8520	0.8506	0.6972	0.5405	0.6625	0.5978
56.1	0.7906	0.7699	0.8800	0.8776	0.7189	0.5803	0.6900	0.6075
56.2	0.8430	0.7815	0.9518	0.9357	0.7857	0.6565	0.7736	0.6810
56.3	0.8488	0.7589	0.9656	0.9380	0.7570	0.6045	0.7353	0.6249
56.4	0.8530	0.7431	0.9563	0.9235	0.7158	0.6005	0.6817	0.5972
56.5	0.8367	0.7892	0.9482	0.9376	0.7284	0.5786	0.6762	0.6314
56.6	0.8419	0.7583	0.9561	0.9532	0.7499	0.5755	0.6652	0.6671
56.7	0.8175	0.7481	0.9442	0.9546	0.7353	0.5300	0.6420	0.6461
56.8	0.7969	0.7071	0.9289	0.9487	0.6671	0.4861	0.5645	0.5822
56.9	0.8615	0.7141	0.9079	0.9646	0.6853	0.5234	0.5768	0.5974
57.0	0.8568	0.7424	0.9247	0.9725	0.7629	0.5685	0.6458	0.6569
57.1	0.8250	0.7502	0.9120	0.9596	0.7757	0.6048	0.6736	0.6739
57.2	0.8254	0.7226	0.8990	0.9581	0.7611	0.6187	0.6994	0.6020
57.3	0.8229	0.7470	0.9463	0.9732	0.7328	0.5973	0.7152	0.5411
57.4	0.8526	0.7765	0.9553	0.9802	0.8098	0.7067	0.7955	0.6962
57.5	0.8345	0.6919	0.9565	0.9801	0.7977	0.6650	0.7515	0.6932
57.6	0.8410	0.7032	0.9574	0.9802	0.7930	0.6401	0.7259	0.6738
57.7	0.8838	0.8085	0.9625	0.9826	0.8425	0.7158	0.8027	0.7402
57.8	0.8756	0.8101	0.9586	0.9819	0.8590	0.7717	0.8261	0.7796
57.9	0.8607	0.8393	0.9580	0.9779	0.8563	0.7614	0.8107	0.7894
58.0	0.8779	0.7489	0.9587	0.9725	0.8230	0.6930	0.7574	0.7357
58.1	0.9092	0.7669	0.9686	0.9835	0.8276	0.7245	0.7894	0.7476
58.2	0.9049	0.8049	0.9629	0.9832	0.8523	0.7608	0.8166	0.7830
58.3	0.8832	0.7697	0.9619	0.9823	0.8853	0.8049	0.8399	0.8486
58.4	0.9167	0.8046	0.9625	0.9838	0.9065	0.8509	0.8780	0.8699
58.5	0.9288	0.8129	0.9720	0.9836	0.9006	0.8369	0.8752	0.8494
58.6	0.9233	0.7703	0.9695	0.9815	0.8668	0.7959	0.8386	0.8041
58.7	0.9212	0.7777	0.9694	0.9824	0.8743	0.8171	0.8496	0.8235
58.8	0.9147	0.7902	0.9750	0.9846	0.8874	0.8232	0.8625	0.8268
58.9	0.9034	0.7894	0.9760	0.9866	0.8802	0.8165	0.8553	0.8240
59.0	0.8980	0.7990	0.9723	0.9819	0.8880	0.8345	0.8612	0.8406
59.1	0.8902	0.8393	0.9596	0.9821	0.8876	0.8433	0.8664	0.8354
59.2	0.8722	0.8160	0.9611	0.9806	0.8658	0.8237	0.8523	0.7924
59.3	0.8981	0.8497	0.9732	0.9778	0.8998	0.8782	0.8989	0.8517
59.4	0.9286	0.8942	0.9769	0.9841	0.9507	0.9384	0.9471	0.9263
59.5	0.8842	0.8007	0.9701	0.9807	0.9162	0.8984	0.9180	0.8828

59.6	0.8681	0.7531	0.9594	0.9714	0.8980	0.8857	0.9064	0.8700
59.7	0.8784	0.7934	0.9622	0.9742	0.9209	0.9081	0.9281	0.8831
59.8	0.8452	0.8127	0.9723	0.9732	0.9272	0.9165	0.9326	0.8925
59.9	0.0545	0.0219	0.3474	0.7487	0.8289	0.7848	0.8848	0.6950
60.0	0.0091	0.0113	0.1224	0.3907	0.6783	0.6197	0.8233	0.4419
60.1	0.0190	0.0466	0.3261	0.6354	0.8334	0.8095	0.9022	0.6773
60.2	0.8025	0.6924	0.9620	0.9712	0.8931	0.8843	0.9123	0.8641
60.3	0.8221	0.7740	0.9632	0.9669	0.9101	0.9143	0.9262	0.8870
60.4	0.8204	0.7492	0.9587	0.9622	0.9151	0.9182	0.9289	0.8912
60.5	0.7622	0.7086	0.9557	0.9673	0.9043	0.9058	0.9208	0.8816
60.6	0.7856	0.7509	0.9597	0.9715	0.9365	0.9315	0.9462	0.9204
60.7	0.7252	0.7653	0.9540	0.9557	0.9176	0.9171	0.9361	0.8911
60.8	0.7258	0.7312	0.9524	0.9555	0.8966	0.9002	0.9165	0.8698
60.9	0.7361	0.7483	0.9488	0.9494	0.9017	0.9116	0.9253	0.8860
61.0	0.7686	0.6744	0.9511	0.9279	0.9059	0.9186	0.9250	0.8835
61.1	0.7387	0.6681	0.9567	0.9444	0.8902	0.9003	0.9082	0.8557
61.2	0.7411	0.6589	0.9430	0.9512	0.8874	0.8940	0.9083	0.8461
61.3	0.7504	0.6814	0.9337	0.9469	0.8985	0.9036	0.9213	0.8644
61.4	0.7256	0.6237	0.9167	0.9188	0.8688	0.8654	0.8916	0.8391
61.5	0.7624	0.6889	0.9213	0.9199	0.9225	0.9264	0.9383	0.9115
61.6	0.7271	0.6910	0.9202	0.9332	0.9113	0.9220	0.9300	0.9008
61.7	0.7336	0.5072	0.8661	0.9260	0.8752	0.8974	0.9066	0.8500
61.8	0.8410	0.4384	0.8696	0.9403	0.8958	0.9167	0.9262	0.8787
61.9	0.8650	0.5129	0.8853	0.9476	0.9135	0.9276	0.9397	0.9061
62.0	0.8621	0.5657	0.9014	0.9406	0.9082	0.9180	0.9316	0.8977
62.1	0.8498	0.5986	0.8779	0.9280	0.8811	0.9062	0.9144	0.8817
62.2	0.8456	0.5765	0.8532	0.9315	0.8816	0.9104	0.9085	0.8902
62.3	0.8682	0.3708	0.7998	0.9310	0.8861	0.9156	0.9134	0.8866
62.4	0.9065	0.3005	0.7351	0.9459	0.9186	0.9404	0.9393	0.9213
62.5	0.9192	0.3316	0.7432	0.9573	0.9321	0.9479	0.9512	0.9342
62.6	0.9242	0.4723	0.7967	0.9635	0.9417	0.9577	0.9626	0.9436
62.7	0.9102	0.4437	0.7906	0.9659	0.9435	0.9564	0.9612	0.9414
62.8	0.9396	0.3722	0.8440	0.9698	0.9587	0.9684	0.9699	0.9561
62.9	0.9369	0.3386	0.7852	0.9691	0.9585	0.9700	0.9708	0.9623
63.0	0.9229	0.2498	0.7503	0.9633	0.9588	0.9675	0.9690	0.9575
63.1	0.9369	0.2208	0.8259	0.9725	0.9668	0.9733	0.9753	0.9659
63.2	0.9347	0.3500	0.8168	0.9704	0.9586	0.9701	0.9727	0.9648
63.3	0.9365	0.3871	0.7803	0.9660	0.9596	0.9729	0.9737	0.9616
63.4	0.9425	0.5193	0.8772	0.9774	0.9695	0.9794	0.9822	0.9745
63.5	0.9614	0.5626	0.8886	0.9787	0.9776	0.9815	0.9842	0.9809
63.6	0.9618	0.5402	0.8781	0.9746	0.9793	0.9837	0.9835	0.9815
63.7	0.9517	0.5131	0.8893	0.9774	0.9825	0.9884	0.9876	0.9868
63.8	0.9563	0.5729	0.9144	0.9819	0.9849	0.9867	0.9891	0.9863
63.9	0.9535	0.4544	0.9077	0.9830	0.9831	0.9858	0.9882	0.9847
64.0	0.9504	0.4000	0.8852	0.9778	0.9766	0.9833	0.9837	0.9784
64.1	0.9521	0.4370	0.8779	0.9767	0.9800	0.9880	0.9853	0.9820
64.2	0.9466	0.3738	0.8534	0.9788	0.9760	0.9853	0.9842	0.9784
64.3	0.9538	0.4341	0.8733	0.9728	0.9773	0.9832	0.9877	0.9800
64.4	0.9456	0.4002	0.8721	0.9671	0.9752	0.9846	0.9839	0.9804
64.5	0.9496	0.2437	0.8863	0.9758	0.9786	0.9859	0.9827	0.9816
64.6	0.9629	0.3388	0.8918	0.9802	0.9863	0.9892	0.9888	0.9885
64.7	0.9610	0.3052	0.9011	0.9759	0.9843	0.9872	0.9862	0.9863
64.8	0.9691	0.2979	0.8990	0.9748	0.9867	0.9886	0.9863	0.9880
64.9	0.9641	0.3681	0.8974	0.9710	0.9818	0.9878	0.9851	0.9840
65.0	0.9682	0.3203	0.8900	0.9692	0.9805	0.9885	0.9830	0.9862
65.1	0.9592	0.2809	0.8854	0.9735	0.9770	0.9869	0.9809	0.9841
65.2	0.9556	0.1047	0.8687	0.9685	0.9725	0.9810	0.9770	0.9790
65.3	0.9647	0.2407	0.9031	0.9768	0.9796	0.9855	0.9808	0.9826
65.4	0.9655	0.3102	0.8992	0.9792	0.9768	0.9837	0.9800	0.9800
65.5	0.9725	0.2593	0.9149	0.9755	0.9774	0.9842	0.9810	0.9844
65.6	0.9750	0.2532	0.9244	0.9787	0.9831	0.9883	0.9826	0.9891
65.7	0.9677	0.1614	0.9012	0.9788	0.9763	0.9819	0.9695	0.9820
65.8	0.9670	0.0408	0.8507	0.9747	0.9665	0.9759	0.9584	0.9760
65.9	0.9613	0.0561	0.7684	0.9632	0.9545	0.9742	0.9477	0.9791
66.0	0.9686	0.0680	0.7809	0.9668	0.9596	0.9726	0.9557	0.9837
66.1	0.9706	0.0715	0.8140	0.9735	0.9623	0.9784	0.9615	0.9811
66.2	0.9600	0.1323	0.8083	0.9697	0.9576	0.9793	0.9597	0.9758
66.3	0.9607	0.1417	0.7715	0.9724	0.9678	0.9820	0.9638	0.9827
66.4	0.9467	0.1004	0.7065	0.9564	0.9535	0.9719	0.9469	0.9759
66.5	0.9431	0.0638	0.6998	0.9570	0.9356	0.9638	0.9397	0.9678
66.6	0.9656	0.1780	0.7649	0.9683	0.9618	0.9724	0.9609	0.9701
66.7	0.9714	0.0642	0.8237	0.9739	0.9688	0.9772	0.9686	0.9787
66.8	0.9677	0.1029	0.7883	0.9666	0.9642	0.9742	0.9658	0.9754
66.9	0.9575	0.0713	0.6513	0.9433	0.9350	0.9520	0.9252	0.9471
67.0	0.9609	0.0680	0.6904	0.9504	0.9213	0.9488	0.9077	0.9502
67.1	0.9675	0.1477	0.7237	0.9477	0.9431	0.9581	0.9410	0.9649
67.2	0.9710	0.1971	0.7499	0.9613	0.9629	0.9661	0.9568	0.9733
67.3	0.9672	0.1625	0.7761	0.9506	0.9628	0.9666	0.9519	0.9699
67.4	0.9743	0.2725	0.7943	0.9512	0.9547	0.9748	0.9536	0.9696
67.5	0.9668	0.3227	0.7556	0.9502	0.9412	0.9645	0.9410	0.9608
67.6	0.9591	0.2429	0.7971	0.9495	0.9485	0.9741	0.9441	0.9539
67.7	0.9645	0.1924	0.8571	0.9530	0.9423	0.9708	0.9572	0.9600
67.8	0.9687	0.2488	0.9061	0.9611	0.9454	0.9735	0.9619	0.9630
67.9	0.9649	0.3716	0.8927	0.9607	0.9487	0.9708	0.9651	0.9596
68.0	0.9747	0.4344	0.9131	0.9487	0.9521	0.9734	0.9666	0.9722
68.1	0.9713	0.4195	0.9111	0.9444	0.9386	0.9687	0.9462	0.9567

68.2	0.9631	0.3970	0.9073	0.9325	0.9320	0.9726	0.9381	0.9582
68.3	0.9680	0.4064	0.9195	0.9379	0.9385	0.9699	0.9465	0.9681
68.4	0.9724	0.5738	0.9257	0.9325	0.9492	0.9723	0.9470	0.9766
68.5	0.9642	0.5247	0.9100	0.9094	0.9328	0.9554	0.9293	0.9611
68.6	0.9597	0.5542	0.9221	0.8947	0.9264	0.9530	0.9325	0.9483
68.7	0.9739	0.6426	0.9499	0.9360	0.9504	0.9754	0.9663	0.9613
68.8	0.9683	0.6828	0.9373	0.9364	0.9530	0.9696	0.9566	0.9626
68.9	0.9585	0.6932	0.9438	0.9340	0.9538	0.9677	0.9594	0.9604
69.0	0.9622	0.6999	0.9680	0.9451	0.9702	0.9741	0.9735	0.9734
69.1	0.9615	0.7039	0.9609	0.9087	0.9579	0.9653	0.9623	0.9670
69.2	0.9494	0.7193	0.9418	0.9118	0.9472	0.9678	0.9570	0.9546
69.3	0.9481	0.7777	0.9531	0.9034	0.9528	0.9677	0.9637	0.9434
69.4	0.9369	0.7378	0.9568	0.8584	0.9348	0.9600	0.9567	0.9399
69.5	0.9319	0.6989	0.9494	0.8563	0.9333	0.9483	0.9376	0.9444
69.6	0.9390	0.7540	0.9577	0.9113	0.9404	0.9612	0.9435	0.9372
69.7	0.9524	0.7990	0.9659	0.9097	0.9333	0.9702	0.9500	0.9384
69.8	0.9396	0.7155	0.9574	0.8727	0.9177	0.9699	0.9441	0.9252
69.9	0.9280	0.6867	0.9605	0.8524	0.9193	0.9610	0.9466	0.9255
70.0	0.9290	0.7748	0.9607	0.8690	0.9356	0.9588	0.9521	0.9338
70.1	0.9389	0.7010	0.9617	0.8702	0.9444	0.9574	0.9520	0.9338
70.2	0.9303	0.6259	0.9425	0.8401	0.9381	0.9534	0.9430	0.9348
70.3	0.8884	0.6512	0.9322	0.8138	0.9204	0.9444	0.9177	0.9248
70.4	0.8814	0.6196	0.9358	0.7535	0.9072	0.9406	0.9174	0.9348
70.5	0.9052	0.7180	0.9402	0.7673	0.9012	0.9393	0.9168	0.9370
70.6	0.8763	0.7975	0.9494	0.8058	0.9178	0.9299	0.9184	0.9422
70.7	0.8673	0.7098	0.9370	0.7612	0.8891	0.9142	0.9092	0.9311
70.8	0.8594	0.6402	0.9306	0.8128	0.8969	0.9195	0.8822	0.9287
70.9	0.8650	0.6572	0.9450	0.8253	0.9183	0.9371	0.8410	0.9414
71.0	0.8515	0.6987	0.9391	0.7298	0.8823	0.9276	0.7904	0.9374
71.1	0.7747	0.6938	0.9275	0.7167	0.8675	0.9323	0.7838	0.9166
71.2	0.7980	0.7164	0.9342	0.7563	0.9192	0.9334	0.8190	0.9450
71.3	0.8355	0.7585	0.9420	0.7617	0.9280	0.9239	0.8261	0.9538
71.4	0.8342	0.7200	0.9265	0.7675	0.9191	0.9020	0.7101	0.9535
71.5	0.7779	0.6026	0.9164	0.7580	0.8605	0.8968	0.5858	0.9523
71.6	0.7475	0.6503	0.9146	0.7557	0.8746	0.8876	0.5431	0.9393
71.7	0.6651	0.5701	0.8919	0.7070	0.8975	0.8830	0.4950	0.9225
71.8	0.7115	0.5721	0.9088	0.6368	0.8905	0.8781	0.4919	0.9251
71.9	0.6654	0.5968	0.8923	0.5736	0.8607	0.8635	0.5002	0.9192
72.0	0.6173	0.5778	0.8690	0.5727	0.8440	0.8353	0.3771	0.9206
72.1	0.5834	0.6456	0.8680	0.6598	0.8823	0.8261	0.3834	0.9265
72.2	0.5185	0.5332	0.8394	0.6112	0.8426	0.8650	0.3580	0.9169
72.3	0.5179	0.5844	0.8461	0.4384	0.7953	0.8508	0.1017	0.8943
72.4	0.5464	0.6228	0.8570	0.4201	0.8193	0.8382	0.1110	0.9003
72.5	0.5490	0.5863	0.8691	0.5253	0.8548	0.8732	0.1345	0.9076
72.6	0.5808	0.6174	0.8761	0.4045	0.8412	0.8618	0.0606	0.9249
72.7	0.6423	0.3987	0.8489	0.3754	0.7769	0.7954	0.0006	0.8910
72.8	0.6719	0.4538	0.8450	0.4680	0.8074	0.8353	0.0371	0.8940
72.9	0.5405	0.4649	0.7797	0.4701	0.7865	0.8197	0.1120	0.8793
73.0	0.4794	0.4497	0.7778	0.4648	0.7882	0.8396	0.0438	0.8846
73.1	0.3257	0.5767	0.8146	0.4052	0.8391	0.8604	0.1256	0.8982
73.2	0.3311	0.5900	0.8192	0.3386	0.8458	0.8334	0.2813	0.8786
73.3	0.4609	0.6024	0.8344	0.4381	0.8676	0.8371	0.2540	0.9133
73.4	0.4137	0.5752	0.7959	0.4568	0.8261	0.8340	0.1720	0.9264
73.5	0.4055	0.6794	0.7688	0.4239	0.8588	0.8532	0.2966	0.9317
73.6	0.3841	0.6664	0.7595	0.5768	0.8581	0.9066	0.4100	0.9245
73.7	0.4215	0.6029	0.6895	0.5748	0.8554	0.9015	0.3964	0.9032
73.8	0.4049	0.6059	0.7444	0.4635	0.8733	0.8502	0.3390	0.9010
73.9	0.3911	0.6648	0.7425	0.4835	0.8921	0.8723	0.2745	0.9145
74.0	0.4688	0.6829	0.7961	0.5975	0.9072	0.8995	0.4011	0.9172
74.1	0.4545	0.7195	0.8155	0.6275	0.8827	0.9036	0.6500	0.8926
74.2	0.4541	0.7385	0.8166	0.6108	0.9091	0.8837	0.5974	0.9107
74.3	0.5845	0.7344	0.8431	0.6403	0.9057	0.9057	0.5322	0.9266
74.4	0.5420	0.7669	0.8165	0.6717	0.8897	0.9021	0.5080	0.9243
74.5	0.6182	0.7023	0.7851	0.6659	0.8732	0.8861	0.5488	0.9357
74.6	0.6951	0.7704	0.8447	0.7460	0.8596	0.8680	0.5900	0.9225
74.7	0.7137	0.8491	0.8971	0.7635	0.9138	0.9125	0.7042	0.9488
74.8	0.7104	0.8577	0.8792	0.7308	0.9236	0.9115	0.6649	0.9487
74.9	0.6872	0.7951	0.8514	0.7388	0.8913	0.8878	0.5837	0.9402
75.0	0.7110	0.8301	0.8620	0.8124	0.8940	0.9161	0.7215	0.9386
75.1	0.7477	0.8394	0.8760	0.8280	0.9356	0.8984	0.7439	0.9558
75.2	0.7326	0.7946	0.8585	0.8393	0.9339	0.8907	0.6870	0.9477
75.3	0.7498	0.8254	0.8766	0.8086	0.9242	0.9010	0.7469	0.9435
75.4	0.6905	0.7316	0.8679	0.7454	0.8875	0.8645	0.6687	0.9314
75.5	0.7501	0.7725	0.8873	0.8040	0.9148	0.8720	0.6386	0.9389
75.6	0.8397	0.8283	0.9085	0.8433	0.9269	0.8881	0.7219	0.9595
75.7	0.8618	0.8587	0.9289	0.8568	0.9411	0.9130	0.7869	0.9625
75.8	0.8394	0.8659	0.9210	0.8497	0.9436	0.8998	0.8113	0.9613
75.9	0.8472	0.8653	0.9191	0.8581	0.9369	0.9170	0.7910	0.9550
76.0	0.8424	0.8930	0.9250	0.8750	0.9336	0.9254	0.7862	0.9533
76.1	0.8438	0.8641	0.8993	0.8644	0.9334	0.9053	0.7695	0.9555
76.2	0.8162	0.7706	0.8467	0.8288	0.8936	0.8468	0.6794	0.9338
76.3	0.8682	0.8343	0.8789	0.8478	0.8969	0.9042	0.7496	0.9423
76.4	0.8411	0.8391	0.8725	0.8744	0.8976	0.9123	0.7742	0.9525
76.5	0.8356	0.8220	0.8523	0.8744	0.9095	0.9045	0.7182	0.9445
76.6	0.8857	0.8207	0.8860	0.8630	0.8997	0.8940	0.6112	0.9282
76.7	0.8989	0.8125	0.8863	0.8442	0.8988	0.8755	0.7193	0.9274

76.8	0.8853	0.8395	0.8965	0.8165	0.9226	0.8697	0.7855	0.9356
76.9	0.8497	0.8690	0.9006	0.8447	0.9273	0.8804	0.8142	0.9503
77.0	0.8796	0.8181	0.9033	0.8796	0.9170	0.8840	0.7841	0.9372
77.1	0.8564	0.8298	0.9071	0.8493	0.9078	0.8973	0.7155	0.9415
77.2	0.8356	0.7977	0.8800	0.8072	0.9018	0.8312	0.6552	0.9145
77.3	0.8851	0.8131	0.8827	0.8522	0.8915	0.8808	0.7020	0.9249
77.4	0.9006	0.8481	0.8920	0.8692	0.9041	0.9176	0.8185	0.9452
77.5	0.8599	0.8022	0.8714	0.8369	0.8950	0.8857	0.7719	0.9269
77.6	0.8621	0.8525	0.8548	0.8415	0.8848	0.8719	0.7793	0.9216
77.7	0.8556	0.8288	0.8432	0.8186	0.9046	0.8778	0.8247	0.9151
77.8	0.8375	0.7762	0.8766	0.8219	0.9182	0.8884	0.8137	0.9182
77.9	0.7596	0.6527	0.8376	0.7411	0.8572	0.8434	0.7302	0.8950
78.0	0.8263	0.6893	0.8499	0.7514	0.8850	0.8820	0.8044	0.9156
78.1	0.8554	0.8218	0.8728	0.8361	0.9105	0.9147	0.8633	0.9384
78.2	0.8018	0.8041	0.8496	0.8228	0.9115	0.8947	0.8720	0.9309
78.3	0.8093	0.7315	0.8427	0.8171	0.9251	0.8992	0.8674	0.9314
78.4	0.8467	0.7734	0.8837	0.8464	0.9317	0.9130	0.9041	0.9398
78.5	0.8551	0.7879	0.8608	0.8480	0.9364	0.9218	0.9329	0.9409
78.6	0.8172	0.7735	0.8865	0.8581	0.9260	0.9155	0.9151	0.9388
78.7	0.8298	0.7873	0.8986	0.8440	0.9253	0.9140	0.9202	0.9554
78.8	0.8039	0.8277	0.9023	0.8592	0.9348	0.9186	0.9298	0.9646
78.9	0.7502	0.7257	0.8912	0.8116	0.9140	0.8961	0.9168	0.9452
79.0	0.6595	0.5424	0.8587	0.7732	0.8816	0.8044	0.8670	0.9321
79.1	0.7125	0.6085	0.8338	0.8514	0.9127	0.8304	0.8867	0.9459
79.2	0.7809	0.6276	0.8583	0.8426	0.9230	0.9001	0.9042	0.9593
79.3	0.7791	0.6250	0.8660	0.8303	0.9176	0.8964	0.9162	0.9545
79.4	0.7108	0.5983	0.8857	0.8433	0.8981	0.8722	0.9129	0.9327
79.5	0.6981	0.6257	0.9118	0.8665	0.9057	0.8815	0.9230	0.9530
79.6	0.7357	0.7477	0.9137	0.8489	0.9086	0.9112	0.9328	0.9577
79.7	0.7935	0.7253	0.9201	0.8705	0.9159	0.9301	0.9425	0.9596
79.8	0.6838	0.6797	0.9170	0.8775	0.9228	0.9358	0.9234	0.9561
79.9	0.5903	0.6352	0.9081	0.8569	0.9070	0.9032	0.9278	0.9612
80.0	0.5937	0.6118	0.8782	0.8305	0.8842	0.8804	0.9159	0.9536

1.2.8 Run 2 – IP270-200 – SF and shaft bending gauges

In-plane shaking at 270° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.4191	0.8905	0.8803	0.4586	0.9717	0.1930	0.9983	0.8760
0.1	0.0024	0.2592	0.5860	0.0021	0.8300	0.0232	0.9886	0.6128
0.2	0.9784	0.9805	0.9504	0.9708	0.9822	0.9801	0.9155	0.8443
0.3	0.9719	0.9705	0.9304	0.9627	0.9450	0.9424	0.6952	0.5918
0.4	0.9252	0.9415	0.8643	0.9210	0.6044	0.6532	0.1025	0.0486
0.5	0.9449	0.9736	0.9506	0.9597	0.9310	0.9240	0.8515	0.8289
0.6	0.9870	0.9951	0.9889	0.9908	0.9905	0.9901	0.9739	0.9718
0.7	0.9933	0.9978	0.9951	0.9965	0.9986	0.9972	0.9951	0.9914
0.8	0.9957	0.9988	0.9970	0.9978	0.9991	0.9988	0.9972	0.9957
0.9	0.9975	0.9992	0.9986	0.9989	0.9953	0.9961	0.9862	0.9846
1.0	0.9958	0.9985	0.9983	0.9988	0.9759	0.9873	0.9407	0.9489
1.1	0.9918	0.9974	0.9978	0.9981	0.9851	0.9941	0.9723	0.9790
1.2	0.9891	0.9979	0.9978	0.9980	0.9932	0.9964	0.9958	0.9927
1.3	0.9920	0.9970	0.9983	0.9985	0.9938	0.9973	0.9968	0.9947
1.4	0.9927	0.9798	0.9960	0.9959	0.9945	0.9987	0.9968	0.9972
1.5	0.9899	0.9883	0.9954	0.9955	0.9976	0.9997	0.9984	0.9993
1.6	0.9879	0.9873	0.9922	0.9924	0.9991	0.9995	0.9992	0.9992
1.7	0.9363	0.9266	0.9485	0.9508	0.9968	0.9971	0.9963	0.9960
1.8	0.8867	0.8806	0.9131	0.9173	0.9968	0.9964	0.9962	0.9953
1.9	0.8993	0.8988	0.9334	0.9378	0.9987	0.9985	0.9984	0.9981
2.0	0.9501	0.9522	0.9713	0.9734	0.9995	0.9995	0.9994	0.9994
2.1	0.9656	0.9730	0.9830	0.9844	0.9997	0.9997	0.9996	0.9996
2.2	0.9845	0.9899	0.9932	0.9937	0.9995	0.9997	0.9996	0.9994
2.3	0.9893	0.9939	0.9956	0.9960	0.9981	0.9993	0.9984	0.9982
2.4	0.9839	0.9908	0.9931	0.9939	0.9987	0.9996	0.9989	0.9991
2.5	0.9850	0.9924	0.9939	0.9944	0.9998	0.9999	0.9998	0.9998
2.6	0.9834	0.9919	0.9933	0.9939	0.9999	0.9998	0.9998	0.9998
2.7	0.9835	0.9923	0.9934	0.9939	0.9999	0.9998	0.9998	0.9997
2.8	0.9781	0.9904	0.9915	0.9922	0.9998	0.9997	0.9997	0.9996
2.9	0.9707	0.9880	0.9890	0.9899	0.9998	0.9997	0.9996	0.9995
3.0	0.9677	0.9868	0.9876	0.9888	0.9997	0.9997	0.9996	0.9995
3.1	0.9538	0.9813	0.9822	0.9838	0.9996	0.9995	0.9994	0.9993
3.2	0.9453	0.9778	0.9783	0.9800	0.9995	0.9994	0.9994	0.9992
3.3	0.9485	0.9793	0.9797	0.9809	0.9995	0.9995	0.9994	0.9993
3.4	0.9055	0.9619	0.9630	0.9659	0.9992	0.9990	0.9990	0.9986
3.5	0.9244	0.9706	0.9714	0.9735	0.9994	0.9992	0.9992	0.9989
3.6	0.9313	0.9743	0.9739	0.9763	0.9995	0.9993	0.9994	0.9989
3.7	0.9157	0.9677	0.9665	0.9700	0.9994	0.9991	0.9993	0.9986
3.8	0.9189	0.9699	0.9683	0.9717	0.9994	0.9990	0.9993	0.9984
3.9	0.9455	0.9788	0.9777	0.9807	0.9995	0.9993	0.9995	0.9988
4.0	0.9513	0.9806	0.9804	0.9826	0.9995	0.9994	0.9995	0.9991
4.1	0.9656	0.9868	0.9867	0.9880	0.9996	0.9995	0.9996	0.9992
4.2	0.9692	0.9886	0.9884	0.9895	0.9996	0.9996	0.9996	0.9992
4.3	0.9736	0.9900	0.9900	0.9907	0.9996	0.9996	0.9994	0.9994
4.4	0.9862	0.9950	0.9951	0.9952	0.9997	0.9998	0.9995	0.9996
4.5	0.9910	0.9968	0.9970	0.9967	0.9997	0.9999	0.9996	0.9998
4.6	0.9938	0.9977	0.9978	0.9977	0.9998	0.9999	0.9998	0.9998
4.7	0.9953	0.9982	0.9982	0.9982	0.9999	0.9999	0.9998	0.9998
4.8	0.9968	0.9985	0.9986	0.9987	0.9999	0.9999	0.9998	0.9998
4.9	0.9971	0.9988	0.9987	0.9988	0.9999	0.9999	0.9998	0.9997
5.0	0.9978	0.9991	0.9990	0.9991	0.9999	0.9999	0.9998	0.9998
5.1	0.9977	0.9990	0.9989	0.9990	0.9999	0.9999	0.9998	0.9998
5.2	0.9963	0.9983	0.9984	0.9986	0.9999	0.9999	0.9998	0.9998
5.3	0.9963	0.9983	0.9982	0.9985	0.9999	0.9999	0.9998	0.9998
5.4	0.9964	0.9982	0.9982	0.9984	0.9999	0.9999	0.9999	0.9998
5.5	0.9956	0.9977	0.9979	0.9981	0.9999	0.9999	0.9998	0.9998
5.6	0.9947	0.9972	0.9975	0.9977	0.9998	0.9999	0.9997	0.9997
5.7	0.9921	0.9956	0.9961	0.9966	0.9997	0.9998	0.9997	0.9997
5.8	0.9949	0.9969	0.9974	0.9977	0.9998	0.9999	0.9997	0.9998
5.9	0.9916	0.9949	0.9957	0.9963	0.9996	0.9999	0.9996	0.9998
6.0	0.9884	0.9930	0.9942	0.9947	0.9995	0.9998	0.9995	0.9997
6.1	0.9912	0.9949	0.9958	0.9959	0.9996	0.9998	0.9996	0.9997
6.2	0.9934	0.9963	0.9969	0.9971	0.9997	0.9999	0.9997	0.9998
6.3	0.9931	0.9960	0.9964	0.9970	0.9996	0.9998	0.9996	0.9997
6.4	0.9955	0.9974	0.9977	0.9980	0.9997	0.9999	0.9997	0.9998
6.5	0.9965	0.9981	0.9983	0.9985	0.9997	0.9999	0.9997	0.9998
6.6	0.9963	0.9981	0.9982	0.9983	0.9998	0.9999	0.9998	0.9997
6.7	0.9966	0.9981	0.9982	0.9983	0.9997	0.9999	0.9998	0.9997
6.8	0.9961	0.9979	0.9980	0.9983	0.9996	0.9998	0.9997	0.9997
6.9	0.9979	0.9987	0.9988	0.9991	0.9997	0.9999	0.9997	0.9997
7.0	0.9987	0.9991	0.9994	0.9993	0.9997	0.9999	0.9997	0.9997
7.1	0.9985	0.9990	0.9993	0.9991	0.9997	0.9998	0.9996	0.9995
7.2	0.9990	0.9994	0.9995	0.9994	0.9996	0.9997	0.9996	0.9994
7.3	0.9993	0.9996	0.9995	0.9997	0.9997	0.9998	0.9997	0.9996
7.4	0.9992	0.9996	0.9994	0.9996	0.9996	0.9999	0.9997	0.9996
7.5	0.9990	0.9995	0.9993	0.9995	0.9996	0.9998	0.9997	0.9995
7.6	0.9988	0.9993	0.9992	0.9993	0.9996	0.9998	0.9996	0.9996
7.7	0.9985	0.9990	0.9990	0.9991	0.9995	0.9998	0.9995	0.9995
7.8	0.9989	0.9994	0.9993	0.9994	0.9995	0.9999	0.9995	0.9997
7.9	0.9994	0.9996	0.9996	0.9996	0.9997	0.9999	0.9996	0.9997

8.0	0.9991	0.9994	0.9994	0.9994	0.9995	0.9998	0.9995	0.9995
8.1	0.9992	0.9994	0.9994	0.9995	0.9995	0.9998	0.9996	0.9996
8.2	0.9991	0.9993	0.9994	0.9995	0.9996	0.9998	0.9995	0.9996
8.3	0.9988	0.9991	0.9992	0.9993	0.9994	0.9998	0.9994	0.9995
8.4	0.9987	0.9992	0.9992	0.9992	0.9993	0.9998	0.9994	0.9995
8.5	0.9992	0.9994	0.9994	0.9995	0.9995	0.9998	0.9994	0.9996
8.6	0.9993	0.9994	0.9994	0.9995	0.9993	0.9997	0.9993	0.9994
8.7	0.9990	0.9992	0.9991	0.9994	0.9995	0.9997	0.9995	0.9994
8.8	0.9987	0.9990	0.9988	0.9992	0.9995	0.9996	0.9994	0.9994
8.9	0.9989	0.9991	0.9991	0.9993	0.9995	0.9997	0.9995	0.9994
9.0	0.9989	0.9991	0.9993	0.9993	0.9994	0.9997	0.9995	0.9995
9.1	0.9990	0.9991	0.9993	0.9993	0.9994	0.9997	0.9994	0.9994
9.2	0.9989	0.9990	0.9992	0.9992	0.9994	0.9996	0.9994	0.9992
9.3	0.9988	0.9989	0.9990	0.9993	0.9996	0.9994	0.9996	0.9989
9.4	0.9986	0.9988	0.9989	0.9991	0.9995	0.9995	0.9994	0.9991
9.5	0.9990	0.9991	0.9990	0.9992	0.9993	0.9994	0.9992	0.9990
9.6	0.9992	0.9994	0.9993	0.9994	0.9994	0.9996	0.9993	0.9994
9.7	0.9991	0.9992	0.9993	0.9995	0.9992	0.9996	0.9992	0.9994
9.8	0.9994	0.9994	0.9996	0.9995	0.9994	0.9997	0.9993	0.9995
9.9	0.9995	0.9995	0.9996	0.9995	0.9995	0.9996	0.9994	0.9994
10.0	0.9990	0.9992	0.9993	0.9992	0.9991	0.9996	0.9990	0.9994
10.1	0.9991	0.9993	0.9995	0.9993	0.9992	0.9997	0.9991	0.9996
10.2	0.9992	0.9993	0.9994	0.9994	0.9993	0.9997	0.9992	0.9997
10.3	0.9988	0.9990	0.9991	0.9991	0.9991	0.9995	0.9991	0.9993
10.4	0.9987	0.9988	0.9990	0.9990	0.9990	0.9996	0.9990	0.9994
10.5	0.9991	0.9992	0.9992	0.9993	0.9991	0.9996	0.9991	0.9994
10.6	0.9990	0.9991	0.9990	0.9992	0.9992	0.9995	0.9990	0.9992
10.7	0.9989	0.9990	0.9991	0.9992	0.9990	0.9994	0.9988	0.9991
10.8	0.9990	0.9990	0.9992	0.9992	0.9991	0.9995	0.9989	0.9994
10.9	0.9985	0.9984	0.9987	0.9987	0.9987	0.9992	0.9982	0.9989
11.0	0.9976	0.9978	0.9981	0.9981	0.9975	0.9988	0.9969	0.9984
11.1	0.9980	0.9982	0.9984	0.9985	0.9978	0.9989	0.9972	0.9986
11.2	0.9984	0.9984	0.9988	0.9987	0.9980	0.9991	0.9975	0.9989
11.3	0.9984	0.9984	0.9986	0.9985	0.9982	0.9989	0.9978	0.9986
11.4	0.9975	0.9976	0.9978	0.9978	0.9973	0.9983	0.9966	0.9979
11.5	0.9979	0.9979	0.9981	0.9981	0.9977	0.9984	0.9971	0.9981
11.6	0.9982	0.9982	0.9984	0.9984	0.9975	0.9986	0.9971	0.9984
11.7	0.9979	0.9978	0.9981	0.9982	0.9972	0.9986	0.9968	0.9984
11.8	0.9974	0.9971	0.9972	0.9974	0.9963	0.9977	0.9956	0.9974
11.9	0.9953	0.9953	0.9954	0.9954	0.9939	0.9961	0.9930	0.9958
12.0	0.9960	0.9959	0.9962	0.9962	0.9949	0.9967	0.9941	0.9963
12.1	0.9954	0.9952	0.9954	0.9953	0.9935	0.9958	0.9926	0.9954
12.2	0.9950	0.9946	0.9946	0.9948	0.9926	0.9950	0.9917	0.9947
12.3	0.9936	0.9932	0.9934	0.9934	0.9912	0.9940	0.9904	0.9937
12.4	0.9885	0.9877	0.9882	0.9882	0.9849	0.9893	0.9836	0.9890
12.5	0.9858	0.9853	0.9857	0.9856	0.9821	0.9869	0.9809	0.9866
12.6	0.9859	0.9855	0.9857	0.9858	0.9826	0.9869	0.9816	0.9867
12.7	0.9812	0.9809	0.9809	0.9811	0.9768	0.9826	0.9758	0.9826
12.8	0.9770	0.9761	0.9763	0.9766	0.9709	0.9785	0.9700	0.9789
12.9	0.9718	0.9722	0.9718	0.9714	0.9637	0.9731	0.9633	0.9737
13.0	0.9742	0.9752	0.9740	0.9741	0.9672	0.9750	0.9670	0.9757
13.1	0.9468	0.9485	0.9459	0.9461	0.9342	0.9467	0.9339	0.9481
13.2	0.9305	0.9325	0.9303	0.9302	0.9219	0.9311	0.9224	0.9326
13.3	0.9156	0.9169	0.9154	0.9151	0.9110	0.9153	0.9118	0.9166
13.4	0.9013	0.9024	0.9018	0.9011	0.9059	0.8975	0.9075	0.8978
13.5	0.9601	0.9605	0.9603	0.9600	0.9643	0.9566	0.9648	0.9560
13.6	0.9627	0.9631	0.9630	0.9628	0.9697	0.9566	0.9701	0.9547
13.7	0.9729	0.9729	0.9733	0.9730	0.9818	0.9647	0.9820	0.9608
13.8	0.9822	0.9817	0.9822	0.9820	0.9892	0.9742	0.9893	0.9701
13.9	0.9807	0.9795	0.9806	0.9800	0.9900	0.9662	0.9900	0.9581
14.0	0.9784	0.9774	0.9787	0.9779	0.9900	0.9584	0.9901	0.9499
14.1	0.9753	0.9737	0.9758	0.9747	0.9895	0.9479	0.9902	0.9430
14.2	0.9846	0.9834	0.9851	0.9843	0.9927	0.9666	0.9937	0.9651
14.3	0.9866	0.9851	0.9871	0.9860	0.9889	0.9697	0.9911	0.9676
14.4	0.9807	0.9775	0.9810	0.9794	0.9671	0.9521	0.9739	0.9471
14.5	0.9845	0.9824	0.9854	0.9838	0.9457	0.9549	0.9569	0.9492
14.6	0.9857	0.9847	0.9865	0.9853	0.9068	0.9568	0.9208	0.9507
14.7	0.9854	0.9847	0.9867	0.9853	0.8632	0.9592	0.8787	0.9534
14.8	0.9877	0.9875	0.9889	0.9884	0.8524	0.9754	0.8720	0.9722
14.9	0.9882	0.9864	0.9885	0.9882	0.7862	0.9847	0.8702	0.9832
15.0	0.9901	0.9868	0.9894	0.9895	0.8390	0.9916	0.9463	0.9916
15.1	0.9868	0.9866	0.9871	0.9872	0.8157	0.9893	0.9602	0.9898
15.2	0.9864	0.9858	0.9867	0.9870	0.8276	0.9911	0.9625	0.9917
15.3	0.9868	0.9855	0.9866	0.9872	0.8459	0.9948	0.9645	0.9957
15.4	0.9839	0.9822	0.9837	0.9846	0.8416	0.9939	0.9647	0.9952
15.5	0.9891	0.9882	0.9887	0.9898	0.8712	0.9960	0.9741	0.9966
15.6	0.9879	0.9866	0.9877	0.9887	0.8928	0.9965	0.9766	0.9973
15.7	0.9791	0.9768	0.9792	0.9805	0.8605	0.9954	0.9671	0.9967
15.8	0.9684	0.9634	0.9665	0.9697	0.8026	0.9933	0.9504	0.9955
15.9	0.9745	0.9690	0.9719	0.9751	0.8516	0.9944	0.9647	0.9961
16.0	0.9631	0.9559	0.9634	0.9656	0.8440	0.9933	0.9651	0.9958
16.1	0.9675	0.9617	0.9677	0.9699	0.8421	0.9955	0.9658	0.9974
16.2	0.9620	0.9559	0.9645	0.9657	0.8492	0.9953	0.9675	0.9972
16.3	0.9566	0.9527	0.9622	0.9630	0.8379	0.9948	0.9677	0.9971
16.4	0.9247	0.9168	0.9300	0.9344	0.7511	0.9935	0.9521	0.9965
16.5	0.9156	0.9073	0.9262	0.9311	0.7474	0.9947	0.9540	0.9973

16.6	0.8994	0.8878	0.9143	0.9208	0.7609	0.9943	0.9567	0.9973
16.7	0.8270	0.7972	0.8457	0.8614	0.6677	0.9909	0.9380	0.9960
16.8	0.7263	0.6583	0.7580	0.7776	0.5400	0.9873	0.9180	0.9947
16.9	0.6898	0.6138	0.7290	0.7423	0.4892	0.9858	0.9095	0.9943
17.0	0.6255	0.4996	0.6588	0.6778	0.4354	0.9856	0.9028	0.9945
17.1	0.5272	0.3503	0.5568	0.6114	0.3867	0.9858	0.8979	0.9952
17.2	0.4349	0.2351	0.4471	0.5029	0.3141	0.9813	0.8721	0.9939
17.3	0.2339	0.0448	0.2005	0.2532	0.1036	0.9780	0.8242	0.9938
17.4	0.2140	0.0372	0.1423	0.1927	0.0779	0.9839	0.8559	0.9956
17.5	0.1802	0.1033	0.0806	0.1050	0.0194	0.9822	0.8323	0.9956
17.6	0.2602	0.2721	0.1574	0.1448	0.0410	0.9639	0.6841	0.9915
17.7	0.4122	0.3927	0.3264	0.3149	0.1685	0.9495	0.5681	0.9888
17.8	0.3588	0.3711	0.2680	0.2525	0.0856	0.9487	0.6148	0.9880
17.9	0.4821	0.4887	0.4108	0.4029	0.2341	0.9336	0.5068	0.9856
18.0	0.6197	0.6085	0.5690	0.5529	0.3795	0.9105	0.3592	0.9819
18.1	0.6365	0.6377	0.5905	0.5804	0.3904	0.8851	0.2416	0.9790
18.2	0.6835	0.7030	0.6523	0.6432	0.4834	0.8632	0.0998	0.9785
18.3	0.7037	0.7222	0.6776	0.6632	0.5085	0.8424	0.0451	0.9780
18.4	0.6273	0.6398	0.5998	0.5817	0.4046	0.7821	0.0782	0.9650
18.5	0.6721	0.6726	0.6472	0.6367	0.5110	0.6824	0.2095	0.9492
18.6	0.7290	0.7298	0.7097	0.7034	0.5863	0.4869	0.1690	0.9286
18.7	0.6865	0.6883	0.6660	0.6603	0.5287	0.3739	0.1270	0.8982
18.8	0.6513	0.6564	0.6291	0.6253	0.4800	0.3696	0.1122	0.8935
18.9	0.6694	0.6690	0.6471	0.6439	0.5047	0.3297	0.1809	0.8735
19.0	0.6788	0.6744	0.6613	0.6599	0.5576	0.2283	0.3220	0.7602
19.1	0.6473	0.6454	0.6321	0.6303	0.5345	0.1764	0.3141	0.6867
19.2	0.5048	0.5055	0.4928	0.4897	0.3994	0.1297	0.2276	0.5190
19.3	0.5855	0.5833	0.5750	0.5726	0.4961	0.2478	0.3521	0.4856
19.4	0.5580	0.5530	0.5475	0.5468	0.4867	0.3080	0.3770	0.4728
19.5	0.6105	0.6042	0.6040	0.6042	0.5698	0.4961	0.5177	0.5687
19.6	0.6021	0.5943	0.5956	0.5962	0.5646	0.4967	0.5174	0.5507
19.7	0.4933	0.4813	0.4865	0.4879	0.4736	0.4806	0.4641	0.5979
19.8	0.5258	0.5158	0.5219	0.5241	0.5257	0.5717	0.5430	0.6800
19.9	0.5820	0.5735	0.5780	0.5791	0.5749	0.6083	0.5887	0.6960
20.0	0.6037	0.5936	0.6016	0.6020	0.6147	0.6759	0.6484	0.7829
20.1	0.6597	0.6507	0.6588	0.6586	0.6775	0.7449	0.7166	0.8418
20.2	0.7099	0.7016	0.7084	0.7093	0.7274	0.7893	0.7636	0.8751
20.3	0.6740	0.6646	0.6722	0.6734	0.7004	0.7767	0.7461	0.8790
20.4	0.7370	0.7282	0.7358	0.7358	0.7635	0.8346	0.8081	0.9193
20.5	0.7788	0.7721	0.7794	0.7803	0.8085	0.8754	0.8516	0.9442
20.6	0.8044	0.7975	0.8058	0.8057	0.8389	0.9015	0.8816	0.9589
20.7	0.8007	0.7935	0.8035	0.8029	0.8428	0.9099	0.8911	0.9658
20.8	0.8697	0.8653	0.8723	0.8724	0.9029	0.9495	0.9379	0.9827
20.9	0.8965	0.8915	0.8974	0.8977	0.9273	0.9644	0.9558	0.9885
21.0	0.8437	0.8371	0.8456	0.8474	0.8948	0.9505	0.9383	0.9841
21.1	0.8341	0.8256	0.8356	0.8390	0.8960	0.9521	0.9414	0.9840
21.2	0.8378	0.8285	0.8398	0.8427	0.9008	0.9545	0.9458	0.9846
21.3	0.8462	0.8410	0.8491	0.8514	0.9129	0.9618	0.9543	0.9881
21.4	0.8553	0.8484	0.8570	0.8588	0.9219	0.9665	0.9613	0.9893
21.5	0.8995	0.8956	0.9020	0.9055	0.9499	0.9774	0.9754	0.9915
21.6	0.8787	0.8697	0.8807	0.8867	0.9456	0.9750	0.9733	0.9898
21.7	0.8992	0.8936	0.9035	0.9067	0.9507	0.9773	0.9765	0.9912
21.8	0.8891	0.8795	0.8947	0.8972	0.9519	0.9781	0.9781	0.9917
21.9	0.8713	0.8561	0.8783	0.8815	0.9517	0.9784	0.9784	0.9913
22.0	0.8725	0.8515	0.8800	0.8840	0.9592	0.9813	0.9822	0.9915
22.1	0.8034	0.7814	0.8170	0.8224	0.9463	0.9768	0.9784	0.9902
22.2	0.8335	0.8112	0.8471	0.8517	0.9607	0.9817	0.9834	0.9923
22.3	0.8484	0.8273	0.8672	0.8688	0.9698	0.9849	0.9872	0.9931
22.4	0.8257	0.8065	0.8488	0.8501	0.9676	0.9840	0.9867	0.9926
22.5	0.8276	0.8128	0.8515	0.8534	0.9708	0.9851	0.9877	0.9927
22.6	0.8125	0.8030	0.8401	0.8413	0.9671	0.9833	0.9867	0.9915
22.7	0.7291	0.7171	0.7678	0.7790	0.9683	0.9818	0.9867	0.9896
22.8	0.7024	0.6859	0.7379	0.7552	0.9669	0.9821	0.9873	0.9908
22.9	0.7068	0.6963	0.7404	0.7535	0.9650	0.9788	0.9859	0.9888
23.0	0.6725	0.6696	0.7123	0.7194	0.9594	0.9738	0.9828	0.9862
23.1	0.6863	0.7084	0.7498	0.7484	0.9677	0.9812	0.9871	0.9912
23.2	0.7176	0.7307	0.7833	0.7940	0.9623	0.9786	0.9846	0.9914
23.3	0.5601	0.5784	0.6687	0.6913	0.9573	0.9754	0.9830	0.9902
23.4	0.6265	0.6532	0.7252	0.7428	0.9720	0.9848	0.9895	0.9940
23.5	0.6369	0.6672	0.7422	0.7573	0.9753	0.9870	0.9918	0.9951
23.6	0.5883	0.6314	0.7235	0.7341	0.9553	0.9810	0.9867	0.9939
23.7	0.6195	0.6651	0.7536	0.7578	0.9589	0.9820	0.9874	0.9944
23.8	0.5872	0.6575	0.7355	0.7579	0.9597	0.9830	0.9882	0.9952
23.9	0.6394	0.7297	0.7866	0.8057	0.9712	0.9889	0.9924	0.9970
24.0	0.6167	0.7225	0.7683	0.7889	0.9656	0.9869	0.9908	0.9966
24.1	0.6201	0.7254	0.7673	0.7854	0.9691	0.9883	0.9916	0.9972
24.2	0.6051	0.7084	0.7422	0.7597	0.9680	0.9878	0.9918	0.9969
24.3	0.6819	0.7861	0.8059	0.8121	0.9675	0.9879	0.9928	0.9969
24.4	0.6700	0.7830	0.7888	0.7918	0.9691	0.9896	0.9935	0.9975
24.5	0.6849	0.8012	0.8096	0.8065	0.9703	0.9907	0.9942	0.9979
24.6	0.7246	0.8365	0.8354	0.8408	0.9734	0.9908	0.9946	0.9980
24.7	0.7490	0.8319	0.8314	0.8491	0.9749	0.9923	0.9957	0.9982
24.8	0.7597	0.8333	0.8278	0.8564	0.9803	0.9944	0.9965	0.9988
24.9	0.6376	0.7715	0.7508	0.7887	0.9783	0.9934	0.9958	0.9984
25.0	0.5005	0.6600	0.6555	0.6711	0.9715	0.9904	0.9947	0.9973
25.1	0.4603	0.6267	0.6188	0.6249	0.9661	0.9877	0.9931	0.9970

25.2	0.4755	0.6258	0.6449	0.6514	0.9685	0.9903	0.9949	0.9976
25.3	0.5081	0.6275	0.6517	0.6639	0.9669	0.9921	0.9956	0.9982
25.4	0.4073	0.5565	0.5713	0.6124	0.9695	0.9915	0.9955	0.9979
25.5	0.2596	0.3730	0.3966	0.4642	0.9626	0.9898	0.9950	0.9978
25.6	0.2940	0.3906	0.4218	0.4546	0.9687	0.9917	0.9959	0.9981
25.7	0.2029	0.3114	0.3364	0.3534	0.9617	0.9895	0.9949	0.9974
25.8	0.1476	0.3152	0.3146	0.3615	0.9665	0.9928	0.9960	0.9982
25.9	0.0519	0.2305	0.2189	0.2329	0.9744	0.9936	0.9970	0.9985
26.0	0.0333	0.2190	0.2068	0.2296	0.9741	0.9924	0.9968	0.9979
26.1	0.0665	0.2039	0.2116	0.2648	0.9757	0.9928	0.9966	0.9978
26.2	0.0526	0.2025	0.1695	0.1992	0.9755	0.9931	0.9969	0.9976
26.3	0.0199	0.0968	0.0815	0.0845	0.9699	0.9904	0.9956	0.9963
26.4	0.0640	0.0009	0.0018	0.0050	0.9682	0.9898	0.9960	0.9963
26.5	0.0927	0.0068	0.0031	0.0025	0.9716	0.9883	0.9952	0.9958
26.6	0.1795	0.0419	0.0484	0.0347	0.9783	0.9879	0.9955	0.9953
26.7	0.1133	0.0368	0.0331	0.0297	0.9771	0.9844	0.9946	0.9939
26.8	0.2014	0.0369	0.0357	0.0503	0.9772	0.9857	0.9948	0.9942
26.9	0.2754	0.1592	0.1462	0.1544	0.9695	0.9745	0.9915	0.9906
27.0	0.4146	0.2934	0.2967	0.2947	0.9673	0.9741	0.9918	0.9909
27.1	0.3587	0.2711	0.2678	0.2553	0.9567	0.9655	0.9892	0.9882
27.2	0.4210	0.3366	0.3274	0.3169	0.9478	0.9541	0.9857	0.9852
27.3	0.3729	0.3085	0.3033	0.2901	0.9509	0.9539	0.9861	0.9854
27.4	0.3750	0.3173	0.3157	0.2861	0.9512	0.9483	0.9852	0.9833
27.5	0.4426	0.4221	0.4089	0.3885	0.9326	0.9360	0.9829	0.9811
27.6	0.5185	0.4903	0.4863	0.4956	0.9177	0.9223	0.9801	0.9778
27.7	0.5159	0.4850	0.4673	0.4866	0.9106	0.9092	0.9761	0.9728
27.8	0.5313	0.5058	0.5015	0.4938	0.9242	0.9147	0.9784	0.9750
27.9	0.6007	0.5931	0.5854	0.5809	0.9244	0.9098	0.9804	0.9754
28.0	0.6700	0.6826	0.6724	0.6713	0.9285	0.9205	0.9842	0.9801
28.1	0.7228	0.7473	0.7474	0.7383	0.9509	0.9481	0.9899	0.9877
28.2	0.7885	0.8202	0.8187	0.8009	0.9651	0.9577	0.9932	0.9913
28.3	0.8406	0.8465	0.8633	0.8262	0.9662	0.9590	0.9940	0.9917
28.4	0.7256	0.7834	0.7796	0.7569	0.9381	0.9262	0.9901	0.9855
28.5	0.6886	0.7620	0.7693	0.7416	0.9387	0.9224	0.9902	0.9856
28.6	0.7830	0.8190	0.8367	0.8162	0.9548	0.9454	0.9944	0.9908
28.7	0.7589	0.8250	0.8270	0.8239	0.9359	0.9403	0.9937	0.9902
28.8	0.7459	0.7893	0.7917	0.8055	0.9450	0.9400	0.9937	0.9905
28.9	0.8308	0.8328	0.8424	0.8076	0.9534	0.9565	0.9961	0.9931
29.0	0.8431	0.8388	0.8588	0.7998	0.9447	0.9540	0.9962	0.9932
29.1	0.8405	0.8466	0.8334	0.8258	0.9436	0.9564	0.9963	0.9941
29.2	0.7941	0.8203	0.7960	0.8125	0.9371	0.9449	0.9952	0.9928
29.3	0.8523	0.8723	0.8483	0.8686	0.9657	0.9629	0.9970	0.9953
29.4	0.8872	0.8734	0.8573	0.8623	0.9720	0.9635	0.9974	0.9956
29.5	0.9419	0.9260	0.9237	0.9236	0.9726	0.9768	0.9983	0.9971
29.6	0.9480	0.9362	0.9393	0.9305	0.9752	0.9776	0.9986	0.9974
29.7	0.9438	0.9250	0.9297	0.9285	0.9605	0.9699	0.9983	0.9967
29.8	0.9469	0.9308	0.9421	0.9314	0.9667	0.9792	0.9986	0.9976
29.9	0.9355	0.9125	0.9231	0.9238	0.9646	0.9820	0.9977	0.9978
30.0	0.9513	0.9379	0.9386	0.9466	0.9687	0.9832	0.9983	0.9979
30.1	0.9727	0.9620	0.9587	0.9671	0.9738	0.9844	0.9993	0.9981
30.2	0.9641	0.9592	0.9603	0.9597	0.9729	0.9832	0.9991	0.9983
30.3	0.9599	0.9453	0.9513	0.9549	0.9532	0.9764	0.9989	0.9976
30.4	0.9690	0.9606	0.9582	0.9544	0.9603	0.9807	0.9990	0.9978
30.5	0.9725	0.9610	0.9678	0.9667	0.9724	0.9859	0.9991	0.9981
30.6	0.9665	0.9586	0.9718	0.9683	0.9676	0.9848	0.9991	0.9978
30.7	0.9645	0.9636	0.9710	0.9711	0.9672	0.9819	0.9989	0.9975
30.8	0.9728	0.9673	0.9727	0.9713	0.9680	0.9863	0.9993	0.9985
30.9	0.9706	0.9694	0.9709	0.9697	0.9699	0.9832	0.9992	0.9981
31.0	0.9691	0.9688	0.9687	0.9675	0.9742	0.9797	0.9991	0.9972
31.1	0.9683	0.9653	0.9679	0.9665	0.9717	0.9791	0.9990	0.9974
31.2	0.9722	0.9722	0.9727	0.9745	0.9728	0.9788	0.9989	0.9971
31.3	0.9688	0.9673	0.9685	0.9697	0.9634	0.9771	0.9984	0.9969
31.4	0.9698	0.9666	0.9668	0.9704	0.9644	0.9801	0.9986	0.9977
31.5	0.9592	0.9670	0.9627	0.9666	0.9673	0.9799	0.9983	0.9969
31.6	0.9645	0.9732	0.9681	0.9715	0.9682	0.9737	0.9980	0.9964
31.7	0.9673	0.9708	0.9698	0.9713	0.9669	0.9695	0.9978	0.9957
31.8	0.9734	0.9720	0.9735	0.9742	0.9565	0.9634	0.9973	0.9948
31.9	0.9664	0.9675	0.9694	0.9693	0.9547	0.9583	0.9968	0.9942
32.0	0.9602	0.9665	0.9655	0.9683	0.9564	0.9507	0.9964	0.9931
32.1	0.9649	0.9726	0.9687	0.9722	0.9595	0.9457	0.9965	0.9933
32.2	0.9695	0.9740	0.9732	0.9738	0.9518	0.9469	0.9963	0.9939
32.3	0.9519	0.9684	0.9617	0.9613	0.9558	0.9377	0.9962	0.9927
32.4	0.9424	0.9622	0.9533	0.9566	0.9387	0.9112	0.9945	0.9895
32.5	0.9433	0.9538	0.9479	0.9511	0.9306	0.8952	0.9934	0.9879
32.6	0.9558	0.9577	0.9571	0.9595	0.9245	0.8920	0.9934	0.9862
32.7	0.9440	0.9577	0.9534	0.9564	0.9119	0.8548	0.9916	0.9818
32.8	0.9447	0.9658	0.9573	0.9609	0.8997	0.8070	0.9925	0.9820
32.9	0.9297	0.9652	0.9473	0.9530	0.8423	0.7443	0.9890	0.9774
33.0	0.8910	0.9384	0.9123	0.9237	0.7579	0.6074	0.9829	0.9639
33.1	0.9047	0.9458	0.9271	0.9361	0.7571	0.6262	0.9876	0.9701
33.2	0.9090	0.9459	0.9338	0.9443	0.7323	0.6648	0.9886	0.9747
33.3	0.9358	0.9651	0.9580	0.9670	0.8299	0.7135	0.9917	0.9807
33.4	0.9362	0.9609	0.9537	0.9632	0.8118	0.6263	0.9902	0.9757
33.5	0.9430	0.9598	0.9561	0.9659	0.7608	0.5882	0.9902	0.9727
33.6	0.9385	0.9571	0.9526	0.9630	0.7267	0.6093	0.9916	0.9738
33.7	0.9336	0.9575	0.9525	0.9583	0.7014	0.5722	0.9929	0.9763

33.8	0.9316	0.9643	0.9534	0.9654	0.7505	0.6033	0.9941	0.9800
33.9	0.9252	0.9589	0.9581	0.9623	0.7629	0.6119	0.9939	0.9822
34.0	0.9437	0.9673	0.9634	0.9656	0.8294	0.7670	0.9964	0.9911
34.1	0.9463	0.9705	0.9646	0.9646	0.8483	0.7684	0.9967	0.9916
34.2	0.9297	0.9613	0.9493	0.9566	0.8021	0.7060	0.9946	0.9872
34.3	0.9310	0.9582	0.9506	0.9493	0.8166	0.6722	0.9954	0.9864
34.4	0.9443	0.9596	0.9610	0.9545	0.8240	0.7205	0.9961	0.9874
34.5	0.9462	0.9565	0.9622	0.9577	0.7924	0.6877	0.9953	0.9869
34.6	0.9424	0.9648	0.9658	0.9620	0.8532	0.7251	0.9961	0.9895
34.7	0.9456	0.9690	0.9694	0.9608	0.8493	0.7387	0.9961	0.9879
34.8	0.9515	0.9674	0.9720	0.9660	0.8217	0.7305	0.9965	0.9879
34.9	0.9694	0.9800	0.9825	0.9810	0.8719	0.8223	0.9975	0.9929
35.0	0.9534	0.9733	0.9742	0.9673	0.8533	0.7969	0.9963	0.9915
35.1	0.9592	0.9737	0.9744	0.9697	0.8744	0.8302	0.9958	0.9912
35.2	0.9725	0.9836	0.9853	0.9831	0.9072	0.8716	0.9970	0.9930
35.3	0.9765	0.9846	0.9860	0.9840	0.8931	0.8855	0.9964	0.9930
35.4	0.9806	0.9828	0.9838	0.9872	0.8924	0.9025	0.9961	0.9937
35.5	0.9859	0.9846	0.9885	0.9883	0.8984	0.9192	0.9966	0.9938
35.6	0.9734	0.9801	0.9843	0.9793	0.8508	0.8782	0.9956	0.9917
35.7	0.9707	0.9801	0.9816	0.9799	0.8518	0.8802	0.9952	0.9925
35.8	0.9611	0.9817	0.9807	0.9739	0.8534	0.8729	0.9945	0.9902
35.9	0.9632	0.9817	0.9807	0.9750	0.8610	0.8595	0.9952	0.9911
36.0	0.9515	0.9795	0.9737	0.9751	0.7858	0.8458	0.9944	0.9898
36.1	0.9553	0.9699	0.9744	0.9732	0.7783	0.7956	0.9949	0.9875
36.2	0.9658	0.9704	0.9785	0.9813	0.8376	0.8191	0.9966	0.9917
36.3	0.9657	0.9729	0.9811	0.9781	0.8099	0.8315	0.9966	0.9915
36.4	0.9654	0.9717	0.9853	0.9782	0.8410	0.8183	0.9968	0.9918
36.5	0.9727	0.9814	0.9889	0.9868	0.8728	0.8701	0.9982	0.9948
36.6	0.9724	0.9780	0.9899	0.9879	0.8941	0.8759	0.9983	0.9947
36.7	0.9658	0.9791	0.9897	0.9865	0.9006	0.8575	0.9977	0.9927
36.8	0.9640	0.9779	0.9889	0.9835	0.8351	0.8590	0.9968	0.9906
36.9	0.9615	0.9703	0.9838	0.9821	0.8343	0.8606	0.9967	0.9889
37.0	0.9575	0.9669	0.9873	0.9839	0.8460	0.8763	0.9969	0.9898
37.1	0.9571	0.9647	0.9840	0.9821	0.8655	0.8451	0.9960	0.9891
37.2	0.9544	0.9553	0.9843	0.9812	0.8450	0.8568	0.9957	0.9844
37.3	0.9507	0.9583	0.9824	0.9803	0.8773	0.8763	0.9963	0.9859
37.4	0.8628	0.9212	0.9520	0.9270	0.8261	0.8187	0.9912	0.9763
37.5	0.9156	0.9443	0.9794	0.9589	0.8292	0.8378	0.9946	0.9857
37.6	0.9414	0.9685	0.9893	0.9854	0.8859	0.8725	0.9976	0.9902
37.7	0.9127	0.9625	0.9862	0.9849	0.8535	0.8510	0.9970	0.9864
37.8	0.9049	0.9621	0.9860	0.9836	0.8527	0.8905	0.9973	0.9888
37.9	0.8890	0.9583	0.9833	0.9819	0.8918	0.8891	0.9974	0.9864
38.0	0.8805	0.9577	0.9805	0.9779	0.8717	0.8371	0.9970	0.9857
38.1	0.8435	0.9470	0.9736	0.9748	0.8298	0.7955	0.9964	0.9841
38.2	0.8667	0.9570	0.9771	0.9785	0.8540	0.8532	0.9965	0.9862
38.3	0.8973	0.9580	0.9845	0.9780	0.8668	0.8540	0.9966	0.9857
38.4	0.8967	0.9471	0.9822	0.9783	0.8632	0.8333	0.9961	0.9796
38.5	0.8751	0.9486	0.9758	0.9757	0.8636	0.8048	0.9955	0.9783
38.6	0.9206	0.9556	0.9792	0.9783	0.9012	0.8288	0.9963	0.9832
38.7	0.9579	0.9646	0.9868	0.9834	0.9024	0.8763	0.9968	0.9891
38.8	0.9457	0.9580	0.9845	0.9835	0.8973	0.8411	0.9960	0.9872
38.9	0.9213	0.9303	0.9766	0.9781	0.8724	0.7678	0.9938	0.9807
39.0	0.9382	0.9370	0.9746	0.9698	0.8810	0.7623	0.9936	0.9799
39.1	0.9362	0.9458	0.9747	0.9704	0.8970	0.8051	0.9951	0.9831
39.2	0.9309	0.9341	0.9725	0.9717	0.9020	0.7958	0.9950	0.9832
39.3	0.9616	0.9521	0.9823	0.9755	0.9052	0.8049	0.9955	0.9855
39.4	0.9504	0.9420	0.9743	0.9635	0.8895	0.7311	0.9950	0.9788
39.5	0.9217	0.9251	0.9539	0.9584	0.8757	0.6827	0.9929	0.9700
39.6	0.9169	0.9436	0.9662	0.9612	0.8955	0.6818	0.9946	0.9743
39.7	0.8815	0.9417	0.9662	0.9632	0.8881	0.7559	0.9947	0.9755
39.8	0.9120	0.9432	0.9663	0.9683	0.9074	0.8197	0.9944	0.9799
39.9	0.9438	0.9354	0.9633	0.9674	0.9112	0.8240	0.9944	0.9805
40.0	0.9407	0.9287	0.9520	0.9605	0.9142	0.8050	0.9958	0.9781
40.1	0.9383	0.9315	0.9568	0.9625	0.9139	0.8240	0.9964	0.9809
40.2	0.9061	0.9160	0.9561	0.9567	0.8866	0.8102	0.9956	0.9801
40.3	0.9267	0.9226	0.9556	0.9626	0.8955	0.8559	0.9959	0.9834
40.4	0.9341	0.9172	0.9588	0.9496	0.8915	0.8459	0.9954	0.9853
40.5	0.9228	0.9196	0.9492	0.9439	0.8879	0.8136	0.9959	0.9836
40.6	0.9183	0.8966	0.9463	0.9486	0.8431	0.8441	0.9934	0.9809
40.7	0.9277	0.8662	0.9515	0.9446	0.8679	0.8348	0.9915	0.9783
40.8	0.9140	0.9139	0.9564	0.9515	0.8734	0.8705	0.9958	0.9862
40.9	0.9224	0.9209	0.9590	0.9544	0.8603	0.8908	0.9956	0.9862
41.0	0.9089	0.9240	0.9452	0.9373	0.8672	0.8834	0.9938	0.9838
41.1	0.8882	0.9012	0.9437	0.9252	0.8715	0.8667	0.9932	0.9847
41.2	0.9013	0.8978	0.9519	0.9379	0.8763	0.8867	0.9940	0.9838
41.3	0.9040	0.9218	0.9573	0.9625	0.8925	0.9308	0.9932	0.9897
41.4	0.9109	0.9264	0.9667	0.9631	0.9213	0.9324	0.9951	0.9910
41.5	0.9168	0.9318	0.9695	0.9599	0.8958	0.9306	0.9955	0.9915
41.6	0.9110	0.9364	0.9540	0.9585	0.8976	0.9381	0.9949	0.9920
41.7	0.8892	0.9376	0.9540	0.9541	0.9120	0.9390	0.9956	0.9913
41.8	0.9147	0.9503	0.9685	0.9646	0.9152	0.9561	0.9961	0.9936
41.9	0.9141	0.9515	0.9704	0.9711	0.9334	0.9611	0.9964	0.9944
42.0	0.8802	0.9351	0.9565	0.9699	0.9159	0.9514	0.9962	0.9937
42.1	0.8815	0.9382	0.9549	0.9603	0.8970	0.9534	0.9961	0.9939
42.2	0.8671	0.9254	0.9616	0.9436	0.8533	0.9504	0.9942	0.9892
42.3	0.9173	0.9444	0.9613	0.9623	0.9047	0.9520	0.9962	0.9913

42.4	0.8999	0.9269	0.9534	0.9446	0.8683	0.9443	0.9945	0.9906
42.5	0.9094	0.9229	0.9501	0.9375	0.8991	0.9616	0.9959	0.9927
42.6	0.9262	0.9401	0.9677	0.9603	0.9309	0.9635	0.9966	0.9927
42.7	0.9310	0.9600	0.9705	0.9631	0.9266	0.9675	0.9969	0.9939
42.8	0.9271	0.9558	0.9631	0.9624	0.9344	0.9721	0.9977	0.9951
42.9	0.9279	0.9412	0.9564	0.9499	0.9194	0.9684	0.9970	0.9949
43.0	0.9472	0.9561	0.9662	0.9594	0.9287	0.9748	0.9965	0.9952
43.1	0.9444	0.9512	0.9712	0.9601	0.9310	0.9772	0.9971	0.9960
43.2	0.9516	0.9529	0.9728	0.9659	0.9360	0.9757	0.9973	0.9966
43.3	0.9390	0.9512	0.9540	0.9547	0.9292	0.9688	0.9967	0.9956
43.4	0.9369	0.9527	0.9526	0.9571	0.9342	0.9805	0.9965	0.9965
43.5	0.9451	0.9337	0.9567	0.9519	0.9084	0.9779	0.9960	0.9961
43.6	0.9689	0.9566	0.9697	0.9650	0.9143	0.9762	0.9976	0.9970
43.7	0.9504	0.9360	0.9621	0.9601	0.8879	0.9661	0.9962	0.9942
43.8	0.9346	0.9446	0.9651	0.9643	0.8824	0.9705	0.9967	0.9956
43.9	0.9385	0.9601	0.9614	0.9642	0.9049	0.9722	0.9970	0.9971
44.0	0.9668	0.9548	0.9746	0.9731	0.9410	0.9783	0.9976	0.9973
44.1	0.9759	0.9659	0.9825	0.9793	0.9542	0.9834	0.9980	0.9974
44.2	0.9695	0.9558	0.9800	0.9733	0.9385	0.9797	0.9976	0.9970
44.3	0.9801	0.9386	0.9767	0.9762	0.8897	0.9697	0.9972	0.9961
44.4	0.9567	0.9495	0.9679	0.9665	0.8832	0.9702	0.9965	0.9956
44.5	0.9543	0.9732	0.9770	0.9745	0.9366	0.9865	0.9970	0.9962
44.6	0.9654	0.9780	0.9805	0.9769	0.9339	0.9862	0.9970	0.9954
44.7	0.9797	0.9706	0.9818	0.9826	0.9297	0.9859	0.9979	0.9957
44.8	0.9616	0.9716	0.9811	0.9794	0.9264	0.9818	0.9973	0.9951
44.9	0.9566	0.9768	0.9815	0.9687	0.9237	0.9802	0.9974	0.9957
45.0	0.9529	0.9716	0.9793	0.9647	0.9361	0.9825	0.9980	0.9962
45.1	0.9570	0.9648	0.9711	0.9698	0.9306	0.9839	0.9980	0.9965
45.2	0.9652	0.9727	0.9771	0.9752	0.9282	0.9843	0.9978	0.9973
45.3	0.9792	0.9710	0.9797	0.9787	0.9344	0.9849	0.9976	0.9972
45.4	0.9872	0.9685	0.9850	0.9820	0.9241	0.9859	0.9976	0.9977
45.5	0.9886	0.9716	0.9871	0.9835	0.9189	0.9862	0.9979	0.9976
45.6	0.9866	0.9798	0.9865	0.9802	0.9444	0.9879	0.9982	0.9980
45.7	0.9528	0.9545	0.9575	0.9509	0.9234	0.9834	0.9964	0.9959
45.8	0.9427	0.9522	0.9554	0.9540	0.9184	0.9800	0.9952	0.9940
45.9	0.9736	0.9708	0.9801	0.9760	0.9403	0.9844	0.9971	0.9957
46.0	0.9847	0.9786	0.9889	0.9826	0.9386	0.9866	0.9974	0.9965
46.1	0.9842	0.9747	0.9879	0.9819	0.9479	0.9835	0.9973	0.9966
46.2	0.9751	0.9658	0.9801	0.9762	0.9176	0.9807	0.9960	0.9956
46.3	0.9776	0.9832	0.9865	0.9849	0.9228	0.9885	0.9972	0.9965
46.4	0.9613	0.9770	0.9813	0.9783	0.9270	0.9864	0.9963	0.9952
46.5	0.9630	0.9641	0.9811	0.9765	0.9140	0.9887	0.9956	0.9937
46.6	0.9474	0.9648	0.9826	0.9823	0.9108	0.9884	0.9947	0.9948
46.7	0.9468	0.9643	0.9876	0.9881	0.9186	0.9899	0.9957	0.9964
46.8	0.9425	0.9711	0.9893	0.9886	0.9479	0.9898	0.9966	0.9969
46.9	0.9228	0.9630	0.9886	0.9854	0.9546	0.9875	0.9967	0.9956
47.0	0.9273	0.9613	0.9874	0.9804	0.9402	0.9899	0.9961	0.9939
47.1	0.9344	0.9619	0.9836	0.9799	0.9453	0.9888	0.9956	0.9938
47.2	0.9277	0.9610	0.9808	0.9750	0.9496	0.9889	0.9948	0.9942
47.3	0.8780	0.9562	0.9791	0.9705	0.9481	0.9916	0.9954	0.9943
47.4	0.8870	0.9603	0.9854	0.9766	0.9442	0.9883	0.9952	0.9945
47.5	0.9476	0.9734	0.9837	0.9811	0.9485	0.9906	0.9960	0.9964
47.6	0.9460	0.9813	0.9814	0.9803	0.9634	0.9937	0.9953	0.9966
47.7	0.9553	0.9815	0.9836	0.9829	0.9674	0.9941	0.9961	0.9961
47.8	0.9392	0.9666	0.9862	0.9842	0.9678	0.9925	0.9968	0.9955
47.9	0.8649	0.9400	0.9781	0.9709	0.9664	0.9904	0.9952	0.9942
48.0	0.9039	0.9593	0.9803	0.9736	0.9666	0.9923	0.9960	0.9952
48.1	0.9554	0.9786	0.9819	0.9763	0.9574	0.9916	0.9951	0.9942
48.2	0.9623	0.9751	0.9800	0.9716	0.9739	0.9926	0.9951	0.9952
48.3	0.9763	0.9729	0.9829	0.9800	0.9740	0.9933	0.9963	0.9955
48.4	0.9616	0.9723	0.9803	0.9759	0.9602	0.9932	0.9945	0.9922
48.5	0.8990	0.9652	0.9771	0.9642	0.9593	0.9917	0.9937	0.9946
48.6	0.8930	0.9604	0.9791	0.9685	0.9615	0.9897	0.9954	0.9938
48.7	0.8959	0.9674	0.9720	0.9608	0.9562	0.9891	0.9950	0.9934
48.8	0.9448	0.9786	0.9806	0.9750	0.9690	0.9915	0.9956	0.9949
48.9	0.9281	0.9660	0.9774	0.9746	0.9755	0.9921	0.9956	0.9949
49.0	0.8694	0.9470	0.9621	0.9539	0.9659	0.9927	0.9947	0.9917
49.1	0.8711	0.9590	0.9699	0.9628	0.9777	0.9949	0.9961	0.9930
49.2	0.8092	0.9373	0.9458	0.9441	0.9762	0.9940	0.9954	0.9918
49.3	0.7645	0.9147	0.9245	0.9207	0.9744	0.9928	0.9943	0.9935
49.4	0.8435	0.9298	0.9298	0.9334	0.9631	0.9921	0.9941	0.9938
49.5	0.8906	0.9554	0.9501	0.9494	0.9648	0.9923	0.9932	0.9923
49.6	0.8896	0.9609	0.9537	0.9440	0.9706	0.9928	0.9931	0.9915
49.7	0.4628	0.7482	0.7944	0.7775	0.9705	0.9903	0.9935	0.9896
49.8	0.3394	0.5551	0.6200	0.6001	0.9763	0.9909	0.9931	0.9895
49.9	0.6357	0.7975	0.8313	0.8150	0.9689	0.9896	0.9915	0.9862
50.0	0.7897	0.9060	0.8966	0.8814	0.9486	0.9795	0.9913	0.9724
50.1	0.6672	0.7959	0.8069	0.8168	0.8439	0.9204	0.9894	0.9017
50.2	0.8480	0.8980	0.9086	0.9166	0.8622	0.9293	0.9922	0.9202
50.3	0.9645	0.9784	0.9497	0.9535	0.9653	0.9855	0.9926	0.9771
50.4	0.9469	0.9726	0.9034	0.9064	0.9663	0.9890	0.9942	0.9769
50.5	0.9367	0.9692	0.8735	0.8741	0.9683	0.9905	0.9932	0.9782
50.6	0.9096	0.9443	0.8778	0.8863	0.9764	0.9924	0.9923	0.9816
50.7	0.8763	0.9344	0.8630	0.8806	0.9658	0.9899	0.9899	0.9804
50.8	0.9323	0.9629	0.9131	0.9202	0.9742	0.9932	0.9934	0.9814
50.9	0.9411	0.9631	0.9229	0.9307	0.9679	0.9921	0.9912	0.9750

51.0	0.9329	0.9596	0.9231	0.9328	0.9700	0.9902	0.9891	0.9706
51.1	0.9282	0.9696	0.9363	0.9424	0.9720	0.9892	0.9856	0.9746
51.2	0.9696	0.9869	0.9747	0.9744	0.9768	0.9928	0.9884	0.9827
51.3	0.9719	0.9803	0.9842	0.9823	0.9753	0.9925	0.9894	0.9800
51.4	0.8985	0.9331	0.9591	0.9606	0.9516	0.9771	0.9859	0.9658
51.5	0.9362	0.9550	0.9501	0.9563	0.9545	0.9802	0.9803	0.9636
51.6	0.9503	0.9709	0.9550	0.9609	0.9741	0.9906	0.9827	0.9767
51.7	0.9631	0.9712	0.9686	0.9712	0.9714	0.9903	0.9850	0.9798
51.8	0.9833	0.9807	0.9838	0.9842	0.9728	0.9900	0.9859	0.9778
51.9	0.9753	0.9792	0.9809	0.9806	0.9690	0.9890	0.9828	0.9688
52.0	0.9545	0.9744	0.9637	0.9680	0.9645	0.9893	0.9781	0.9679
52.1	0.9653	0.9815	0.9763	0.9804	0.9761	0.9893	0.9819	0.9805
52.2	0.9838	0.9870	0.9891	0.9903	0.9791	0.9897	0.9843	0.9798
52.3	0.9806	0.9776	0.9797	0.9793	0.9643	0.9884	0.9786	0.9688
52.4	0.9819	0.9803	0.9804	0.9820	0.9679	0.9888	0.9830	0.9661
52.5	0.9762	0.9772	0.9763	0.9808	0.9676	0.9886	0.9787	0.9642
52.6	0.9876	0.9882	0.9893	0.9903	0.9783	0.9903	0.9822	0.9795
52.7	0.9734	0.9844	0.9812	0.9805	0.9803	0.9892	0.9779	0.9770
52.8	0.9717	0.9854	0.9799	0.9817	0.9823	0.9905	0.9807	0.9772
52.9	0.9814	0.9895	0.9890	0.9905	0.9823	0.9912	0.9817	0.9850
53.0	0.9922	0.9831	0.9918	0.9927	0.9790	0.9923	0.9833	0.9845
53.1	0.9850	0.9819	0.9862	0.9878	0.9680	0.9874	0.9690	0.9685
53.2	0.9817	0.9875	0.9865	0.9879	0.9708	0.9860	0.9635	0.9659
53.3	0.9894	0.9868	0.9889	0.9897	0.9737	0.9886	0.9649	0.9767
53.4	0.9920	0.9905	0.9920	0.9939	0.9821	0.9924	0.9724	0.9875
53.5	0.9923	0.9920	0.9946	0.9963	0.9866	0.9936	0.9802	0.9927
53.6	0.9934	0.9921	0.9956	0.9965	0.9900	0.9947	0.9878	0.9926
53.7	0.9864	0.9929	0.9909	0.9913	0.9908	0.9938	0.9880	0.9896
53.8	0.9699	0.9858	0.9759	0.9775	0.9900	0.9919	0.9851	0.9868
53.9	0.9892	0.9928	0.9896	0.9903	0.9899	0.9917	0.9892	0.9904
54.0	0.9905	0.9940	0.9919	0.9927	0.9885	0.9926	0.9899	0.9912
54.1	0.9768	0.9836	0.9803	0.9810	0.9865	0.9926	0.9829	0.9889
54.2	0.9573	0.9789	0.9689	0.9722	0.9840	0.9904	0.9744	0.9834
54.3	0.9745	0.9896	0.9829	0.9838	0.9826	0.9900	0.9819	0.9858
54.4	0.9925	0.9960	0.9944	0.9946	0.9852	0.9900	0.9896	0.9885
54.5	0.9933	0.9961	0.9943	0.9946	0.9838	0.9898	0.9845	0.9887
54.6	0.9875	0.9932	0.9900	0.9905	0.9846	0.9895	0.9786	0.9868
54.7	0.9820	0.9908	0.9857	0.9857	0.9876	0.9892	0.9731	0.9848
54.8	0.9770	0.9898	0.9826	0.9826	0.9866	0.9885	0.9775	0.9848
54.9	0.9854	0.9927	0.9878	0.9885	0.9877	0.9905	0.9868	0.9871
55.0	0.9913	0.9954	0.9922	0.9935	0.9859	0.9878	0.9817	0.9886
55.1	0.9934	0.9957	0.9941	0.9950	0.9876	0.9893	0.9862	0.9857
55.2	0.9935	0.9956	0.9936	0.9950	0.9874	0.9885	0.9857	0.9867
55.3	0.9934	0.9955	0.9938	0.9946	0.9854	0.9887	0.9857	0.9853
55.4	0.9943	0.9965	0.9946	0.9953	0.9883	0.9901	0.9870	0.9892
55.5	0.9885	0.9944	0.9907	0.9907	0.9883	0.9897	0.9865	0.9864
55.6	0.9902	0.9944	0.9922	0.9922	0.9922	0.9910	0.9890	0.9873
55.7	0.9961	0.9970	0.9967	0.9965	0.9928	0.9919	0.9905	0.9916
55.8	0.9954	0.9971	0.9960	0.9966	0.9908	0.9904	0.9883	0.9923
55.9	0.9965	0.9974	0.9963	0.9970	0.9915	0.9906	0.9902	0.9903
56.0	0.9853	0.9918	0.9872	0.9881	0.9889	0.9850	0.9887	0.9799
56.1	0.9774	0.9872	0.9817	0.9816	0.9892	0.9859	0.9869	0.9851
56.2	0.9931	0.9956	0.9938	0.9941	0.9926	0.9916	0.9930	0.9926
56.3	0.9966	0.9977	0.9970	0.9970	0.9916	0.9920	0.9922	0.9936
56.4	0.9958	0.9970	0.9962	0.9964	0.9889	0.9847	0.9905	0.9895
56.5	0.9960	0.9968	0.9963	0.9963	0.9877	0.9822	0.9890	0.9891
56.6	0.9972	0.9976	0.9969	0.9971	0.9909	0.9875	0.9919	0.9919
56.7	0.9975	0.9980	0.9974	0.9975	0.9910	0.9863	0.9920	0.9910
56.8	0.9957	0.9969	0.9959	0.9958	0.9886	0.9775	0.9871	0.9884
56.9	0.9950	0.9961	0.9953	0.9951	0.9893	0.9740	0.9874	0.9880
57.0	0.9960	0.9969	0.9964	0.9966	0.9914	0.9836	0.9913	0.9915
57.1	0.9950	0.9965	0.9950	0.9958	0.9899	0.9838	0.9894	0.9924
57.2	0.9892	0.9944	0.9901	0.9916	0.9880	0.9811	0.9860	0.9897
57.3	0.9911	0.9945	0.9919	0.9923	0.9898	0.9801	0.9891	0.9896
57.4	0.9934	0.9956	0.9942	0.9945	0.9912	0.9823	0.9910	0.9913
57.5	0.9933	0.9950	0.9941	0.9951	0.9881	0.9786	0.9895	0.9907
57.6	0.9951	0.9958	0.9947	0.9953	0.9902	0.9770	0.9904	0.9877
57.7	0.9947	0.9954	0.9947	0.9945	0.9909	0.9822	0.9897	0.9917
57.8	0.9946	0.9954	0.9951	0.9946	0.9905	0.9828	0.9904	0.9910
57.9	0.9930	0.9935	0.9933	0.9933	0.9897	0.9791	0.9888	0.9892
58.0	0.9924	0.9932	0.9924	0.9929	0.9888	0.9747	0.9882	0.9854
58.1	0.9950	0.9960	0.9952	0.9958	0.9894	0.9840	0.9906	0.9895
58.2	0.9928	0.9942	0.9929	0.9936	0.9896	0.9815	0.9896	0.9892
58.3	0.9919	0.9926	0.9919	0.9925	0.9885	0.9816	0.9889	0.9888
58.4	0.9909	0.9902	0.9904	0.9905	0.9902	0.9788	0.9872	0.9883
58.5	0.9925	0.9928	0.9923	0.9926	0.9919	0.9796	0.9887	0.9898
58.6	0.9875	0.9897	0.9874	0.9883	0.9900	0.9684	0.9827	0.9857
58.7	0.9895	0.9911	0.9899	0.9909	0.9888	0.9742	0.9856	0.9859
58.8	0.9885	0.9903	0.9888	0.9900	0.9881	0.9734	0.9837	0.9859
58.9	0.9890	0.9895	0.9889	0.9897	0.9924	0.9630	0.9832	0.9821
59.0	0.9846	0.9859	0.9857	0.9854	0.9893	0.9576	0.9813	0.9762
59.1	0.9805	0.9826	0.9814	0.9820	0.9840	0.9578	0.9747	0.9770
59.2	0.9833	0.9836	0.9825	0.9829	0.9857	0.9569	0.9775	0.9733
59.3	0.9847	0.9850	0.9846	0.9845	0.9871	0.9630	0.9796	0.9797
59.4	0.9885	0.9880	0.9883	0.9877	0.9910	0.9721	0.9848	0.9835
59.5	0.9836	0.9831	0.9835	0.9833	0.9858	0.9578	0.9793	0.9730

59.6	0.9832	0.9819	0.9827	0.9817	0.9825	0.9454	0.9760	0.9675
59.7	0.9788	0.9806	0.9797	0.9792	0.9869	0.9478	0.9711	0.9743
59.8	0.9768	0.9788	0.9779	0.9768	0.9869	0.9397	0.9679	0.9718
59.9	0.9623	0.9543	0.9357	0.9243	0.8871	0.6742	0.9455	0.6635
60.0	0.8806	0.8525	0.7694	0.7298	0.6474	0.3510	0.8339	0.3140
60.1	0.9266	0.9177	0.8766	0.8581	0.8426	0.5905	0.9059	0.5546
60.2	0.9727	0.9734	0.9738	0.9723	0.9865	0.9198	0.9627	0.9548
60.3	0.9707	0.9720	0.9706	0.9697	0.9853	0.9310	0.9643	0.9635
60.4	0.9664	0.9717	0.9684	0.9683	0.9829	0.9377	0.9588	0.9651
60.5	0.9689	0.9750	0.9700	0.9714	0.9839	0.9386	0.9567	0.9648
60.6	0.9737	0.9804	0.9724	0.9755	0.9872	0.9550	0.9639	0.9726
60.7	0.9619	0.9722	0.9649	0.9642	0.9863	0.9369	0.9591	0.9599
60.8	0.9526	0.9641	0.9598	0.9575	0.9806	0.9240	0.9480	0.9501
60.9	0.9416	0.9550	0.9482	0.9492	0.9772	0.9210	0.9268	0.9469
61.0	0.9449	0.9581	0.9522	0.9506	0.9798	0.9259	0.9403	0.9513
61.1	0.9440	0.9609	0.9536	0.9488	0.9816	0.9186	0.9381	0.9479
61.2	0.9458	0.9631	0.9561	0.9529	0.9817	0.9232	0.9307	0.9485
61.3	0.9409	0.9596	0.9493	0.9518	0.9819	0.9284	0.9297	0.9557
61.4	0.9348	0.9487	0.9431	0.9395	0.9703	0.9173	0.9356	0.9415
61.5	0.9352	0.9558	0.9458	0.9393	0.9752	0.9429	0.9507	0.9594
61.6	0.9488	0.9641	0.9599	0.9524	0.9817	0.9414	0.9577	0.9554
61.7	0.9340	0.9482	0.9462	0.9352	0.9755	0.9182	0.9474	0.9355
61.8	0.9333	0.9468	0.9418	0.9279	0.9780	0.9272	0.9471	0.9460
61.9	0.9523	0.9615	0.9586	0.9499	0.9793	0.9417	0.9480	0.9618
62.0	0.9428	0.9537	0.9478	0.9452	0.9744	0.9392	0.9596	0.9554
62.1	0.9326	0.9406	0.9386	0.9342	0.9585	0.9319	0.9504	0.9443
62.2	0.9503	0.9547	0.9557	0.9518	0.9581	0.9427	0.9650	0.9486
62.3	0.9549	0.9610	0.9605	0.9567	0.9631	0.9482	0.9595	0.9525
62.4	0.9635	0.9666	0.9706	0.9625	0.9539	0.9610	0.9669	0.9655
62.5	0.9730	0.9756	0.9761	0.9727	0.9572	0.9712	0.9734	0.9716
62.6	0.9780	0.9816	0.9813	0.9782	0.9635	0.9784	0.9760	0.9784
62.7	0.9773	0.9813	0.9817	0.9783	0.9676	0.9759	0.9750	0.9740
62.8	0.9845	0.9858	0.9865	0.9822	0.9708	0.9834	0.9827	0.9811
62.9	0.9844	0.9855	0.9846	0.9818	0.9577	0.9847	0.9824	0.9817
63.0	0.9876	0.9885	0.9872	0.9847	0.9346	0.9858	0.9835	0.9807
63.1	0.9876	0.9883	0.9882	0.9856	0.9525	0.9865	0.9842	0.9825
63.2	0.9864	0.9844	0.9861	0.9829	0.9508	0.9844	0.9829	0.9814
63.3	0.9861	0.9839	0.9865	0.9854	0.9408	0.9860	0.9784	0.9819
63.4	0.9891	0.9891	0.9917	0.9887	0.9543	0.9910	0.9816	0.9872
63.5	0.9916	0.9914	0.9929	0.9906	0.9643	0.9926	0.9824	0.9906
63.6	0.9934	0.9929	0.9934	0.9911	0.9632	0.9935	0.9835	0.9916
63.7	0.9937	0.9935	0.9933	0.9919	0.9621	0.9951	0.9801	0.9933
63.8	0.9943	0.9938	0.9935	0.9936	0.9626	0.9954	0.9769	0.9930
63.9	0.9935	0.9935	0.9930	0.9919	0.9480	0.9955	0.9763	0.9929
64.0	0.9941	0.9934	0.9938	0.9909	0.9249	0.9953	0.9771	0.9918
64.1	0.9934	0.9942	0.9936	0.9926	0.9383	0.9948	0.9712	0.9923
64.2	0.9933	0.9935	0.9936	0.9924	0.9256	0.9943	0.9712	0.9926
64.3	0.9908	0.9919	0.9903	0.9900	0.9235	0.9944	0.9648	0.9928
64.4	0.9908	0.9917	0.9910	0.9896	0.9047	0.9955	0.9502	0.9921
64.5	0.9933	0.9923	0.9925	0.9912	0.9072	0.9957	0.9628	0.9921
64.6	0.9952	0.9936	0.9937	0.9925	0.9128	0.9972	0.9689	0.9945
64.7	0.9938	0.9938	0.9935	0.9914	0.9131	0.9969	0.9475	0.9953
64.8	0.9938	0.9943	0.9941	0.9939	0.9143	0.9966	0.9458	0.9945
64.9	0.9933	0.9932	0.9924	0.9917	0.8877	0.9958	0.9401	0.9946
65.0	0.9935	0.9934	0.9915	0.9916	0.8808	0.9962	0.9476	0.9945
65.1	0.9929	0.9917	0.9910	0.9906	0.8729	0.9962	0.9408	0.9925
65.2	0.9928	0.9913	0.9903	0.9923	0.8189	0.9971	0.9159	0.9934
65.3	0.9937	0.9934	0.9925	0.9944	0.8378	0.9978	0.9205	0.9952
65.4	0.9941	0.9940	0.9921	0.9933	0.8266	0.9970	0.9015	0.9945
65.5	0.9943	0.9940	0.9933	0.9939	0.8329	0.9974	0.9222	0.9944
65.6	0.9952	0.9938	0.9934	0.9942	0.8762	0.9978	0.9336	0.9960
65.7	0.9954	0.9937	0.9926	0.9925	0.7827	0.9977	0.9149	0.9961
65.8	0.9926	0.9919	0.9916	0.9902	0.7057	0.9978	0.8785	0.9944
65.9	0.9879	0.9864	0.9855	0.9836	0.6530	0.9966	0.8642	0.9914
66.0	0.9914	0.9876	0.9862	0.9853	0.6867	0.9973	0.8765	0.9909
66.1	0.9928	0.9893	0.9893	0.9888	0.6295	0.9974	0.8790	0.9927
66.2	0.9934	0.9897	0.9897	0.9909	0.5602	0.9968	0.8790	0.9914
66.3	0.9951	0.9914	0.9902	0.9901	0.5812	0.9978	0.8946	0.9911
66.4	0.9901	0.9863	0.9850	0.9817	0.3723	0.9968	0.8425	0.9870
66.5	0.9871	0.9842	0.9807	0.9789	0.3535	0.9964	0.8336	0.9828
66.6	0.9898	0.9842	0.9840	0.9860	0.4318	0.9978	0.8435	0.9834
66.7	0.9927	0.9882	0.9888	0.9906	0.4379	0.9979	0.9111	0.9903
66.8	0.9912	0.9882	0.9879	0.9892	0.2228	0.9974	0.9315	0.9893
66.9	0.9828	0.9775	0.9707	0.9729	0.1112	0.9964	0.8747	0.9759
67.0	0.9847	0.9761	0.9709	0.9738	0.2317	0.9970	0.8801	0.9767
67.1	0.9879	0.9785	0.9776	0.9809	0.2926	0.9969	0.8788	0.9837
67.2	0.9890	0.9819	0.9831	0.9805	0.4142	0.9965	0.8884	0.9789
67.3	0.9873	0.9795	0.9766	0.9814	0.4730	0.9969	0.8782	0.9676
67.4	0.9866	0.9711	0.9770	0.9792	0.5925	0.9962	0.8956	0.9579
67.5	0.9830	0.9660	0.9684	0.9742	0.5664	0.9963	0.8910	0.9556
67.6	0.9811	0.9691	0.9711	0.9641	0.6006	0.9954	0.8982	0.9412
67.7	0.9788	0.9670	0.9641	0.9606	0.6954	0.9955	0.8851	0.9403
67.8	0.9845	0.9579	0.9666	0.9755	0.7910	0.9965	0.9001	0.9566
67.9	0.9836	0.9596	0.9701	0.9765	0.8239	0.9963	0.9075	0.9373
68.0	0.9827	0.9608	0.9649	0.9698	0.8485	0.9967	0.9145	0.9334
68.1	0.9807	0.9424	0.9487	0.9646	0.8251	0.9952	0.8956	0.9073

68.2	0.9815	0.9414	0.9433	0.9674	0.8243	0.9947	0.9098	0.8886
68.3	0.9809	0.9444	0.9466	0.9695	0.8662	0.9945	0.9138	0.8721
68.4	0.9819	0.9517	0.9570	0.9756	0.8948	0.9952	0.9263	0.8773
68.5	0.9747	0.9400	0.9386	0.9702	0.8889	0.9951	0.9039	0.7456
68.6	0.9784	0.9396	0.9392	0.9666	0.8951	0.9932	0.8705	0.6196
68.7	0.9855	0.9695	0.9600	0.9782	0.9566	0.9960	0.8862	0.6672
68.8	0.9848	0.9541	0.9527	0.9748	0.9463	0.9951	0.8950	0.5845
68.9	0.9864	0.9628	0.9653	0.9798	0.9552	0.9954	0.9155	0.5745
69.0	0.9884	0.9776	0.9794	0.9875	0.9685	0.9963	0.9103	0.4977
69.1	0.9863	0.9745	0.9743	0.9858	0.9632	0.9956	0.8866	0.4120
69.2	0.9880	0.9737	0.9720	0.9839	0.9641	0.9950	0.9061	0.3398
69.3	0.9895	0.9767	0.9757	0.9812	0.9709	0.9954	0.8967	0.2177
69.4	0.9860	0.9764	0.9720	0.9718	0.9710	0.9935	0.8999	0.2455
69.5	0.9863	0.9733	0.9651	0.9731	0.9630	0.9934	0.8938	0.1846
69.6	0.9882	0.9797	0.9712	0.9798	0.9710	0.9955	0.9252	0.4858
69.7	0.9911	0.9844	0.9831	0.9842	0.9750	0.9961	0.9465	0.5337
69.8	0.9906	0.9844	0.9803	0.9849	0.9751	0.9963	0.9400	0.4861
69.9	0.9881	0.9869	0.9805	0.9879	0.9785	0.9960	0.9358	0.4534
70.0	0.9905	0.9895	0.9826	0.9863	0.9843	0.9965	0.9452	0.5261
70.1	0.9902	0.9895	0.9794	0.9842	0.9819	0.9964	0.9495	0.5291
70.2	0.9856	0.9895	0.9805	0.9857	0.9816	0.9963	0.9553	0.4436
70.3	0.9869	0.9856	0.9792	0.9826	0.9760	0.9948	0.9535	0.4767
70.4	0.9840	0.9845	0.9770	0.9854	0.9806	0.9947	0.9544	0.4609
70.5	0.9856	0.9842	0.9813	0.9832	0.9824	0.9960	0.9574	0.3980
70.6	0.9902	0.9862	0.9835	0.9873	0.9843	0.9956	0.9670	0.4489
70.7	0.9823	0.9833	0.9726	0.9844	0.9769	0.9942	0.9640	0.4155
70.8	0.9756	0.9774	0.9699	0.9736	0.9789	0.9947	0.9588	0.2522
70.9	0.9759	0.9830	0.9764	0.9751	0.9834	0.9963	0.9578	0.3244
71.0	0.9704	0.9829	0.9660	0.9781	0.9781	0.9949	0.9507	0.3676
71.1	0.9701	0.9824	0.9671	0.9774	0.9799	0.9943	0.9614	0.3065
71.2	0.9760	0.9845	0.9738	0.9805	0.9856	0.9963	0.9717	0.2783
71.3	0.9815	0.9863	0.9733	0.9830	0.9847	0.9972	0.9732	0.2439
71.4	0.9727	0.9806	0.9678	0.9804	0.9836	0.9947	0.9704	0.1749
71.5	0.9632	0.9751	0.9604	0.9734	0.9798	0.9947	0.9676	0.1327
71.6	0.9578	0.9755	0.9642	0.9769	0.9806	0.9947	0.9754	0.0407
71.7	0.9528	0.9697	0.9610	0.9752	0.9800	0.9929	0.9679	0.0216
71.8	0.9499	0.9614	0.9567	0.9748	0.9810	0.9940	0.9745	0.0339
71.9	0.9306	0.9592	0.9398	0.9654	0.9752	0.9927	0.9653	0.0466
72.0	0.9207	0.9599	0.9353	0.9467	0.9651	0.9930	0.9591	0.0568
72.1	0.9302	0.9591	0.9110	0.9369	0.9593	0.9944	0.9504	0.1419
72.2	0.9486	0.9639	0.9261	0.9395	0.9675	0.9938	0.9605	0.0924
72.3	0.9197	0.9486	0.8847	0.9215	0.9561	0.9920	0.9603	0.1922
72.4	0.9100	0.9446	0.8595	0.9178	0.9528	0.9910	0.9571	0.2537
72.5	0.9098	0.9437	0.8807	0.9069	0.9612	0.9893	0.9622	0.3494
72.6	0.9049	0.9265	0.8539	0.8803	0.9632	0.9917	0.9589	0.3743
72.7	0.8743	0.9245	0.7957	0.8950	0.9488	0.9916	0.9244	0.3857
72.8	0.8880	0.9154	0.8225	0.8666	0.9504	0.9932	0.9430	0.4369
72.9	0.9022	0.9216	0.8156	0.8424	0.9609	0.9928	0.9489	0.2922
73.0	0.8771	0.9225	0.7331	0.8392	0.9516	0.9917	0.9416	0.2830
73.1	0.8830	0.9120	0.7618	0.8427	0.9465	0.9932	0.9472	0.3955
73.2	0.8678	0.8853	0.7199	0.7989	0.9381	0.9926	0.9363	0.4248
73.3	0.8814	0.9025	0.7456	0.7653	0.9512	0.9942	0.9547	0.4932
73.4	0.8867	0.8988	0.7863	0.7368	0.9458	0.9912	0.9451	0.4439
73.5	0.8987	0.8553	0.7799	0.7013	0.9503	0.9918	0.9487	0.4918
73.6	0.8964	0.8877	0.7944	0.7589	0.9461	0.9934	0.9515	0.4475
73.7	0.9077	0.8542	0.7537	0.7516	0.9283	0.9916	0.9300	0.3197
73.8	0.9124	0.8142	0.6952	0.7305	0.9164	0.9881	0.9338	0.4490
73.9	0.8900	0.7953	0.7477	0.7574	0.9170	0.9899	0.9382	0.5092
74.0	0.8960	0.7866	0.7138	0.7693	0.9314	0.9930	0.9359	0.5776
74.1	0.8997	0.7568	0.7526	0.7414	0.9162	0.9935	0.9298	0.6378
74.2	0.9000	0.7668	0.7868	0.7580	0.9127	0.9931	0.9386	0.6454
74.3	0.9122	0.7200	0.7821	0.7807	0.9296	0.9930	0.9487	0.6859
74.4	0.9080	0.6521	0.7902	0.7466	0.9106	0.9906	0.9400	0.6524
74.5	0.9351	0.6078	0.8103	0.8187	0.8943	0.9922	0.9459	0.6048
74.6	0.9384	0.5704	0.8215	0.8630	0.9012	0.9925	0.9530	0.6643
74.7	0.9407	0.7607	0.8724	0.8740	0.9138	0.9943	0.9655	0.7976
74.8	0.9182	0.6811	0.8586	0.8220	0.8833	0.9932	0.9604	0.7303
74.9	0.9163	0.6760	0.8606	0.8396	0.8348	0.9911	0.9547	0.7043
75.0	0.9380	0.7348	0.8919	0.8602	0.8600	0.9911	0.9636	0.7194
75.1	0.9560	0.8007	0.9100	0.8997	0.9092	0.9913	0.9659	0.7349
75.2	0.9379	0.7454	0.8941	0.8751	0.8666	0.9894	0.9577	0.6895
75.3	0.9377	0.7994	0.8988	0.8557	0.8492	0.9901	0.9608	0.6789
75.4	0.9262	0.7772	0.8792	0.8541	0.7931	0.9893	0.9415	0.6878
75.5	0.9390	0.8385	0.8961	0.8985	0.8643	0.9874	0.9450	0.7490
75.6	0.9451	0.8542	0.9107	0.9285	0.8742	0.9872	0.9671	0.7558
75.7	0.9614	0.8783	0.9342	0.9474	0.8614	0.9901	0.9748	0.8111
75.8	0.9667	0.8863	0.9325	0.9413	0.8652	0.9903	0.9709	0.8021
75.9	0.9643	0.9277	0.9277	0.9387	0.8770	0.9901	0.9709	0.8130
76.0	0.9710	0.9165	0.9440	0.9537	0.8842	0.9897	0.9716	0.7922
76.1	0.9671	0.9061	0.9430	0.9408	0.8166	0.9872	0.9736	0.7380
76.2	0.9488	0.8846	0.9262	0.9216	0.7619	0.9825	0.9481	0.7365
76.3	0.9623	0.9109	0.9476	0.9323	0.8596	0.9838	0.9618	0.8524
76.4	0.9621	0.9183	0.9483	0.9398	0.8734	0.9801	0.9667	0.8305
76.5	0.9600	0.8998	0.9510	0.9437	0.8713	0.9796	0.9683	0.8043
76.6	0.9578	0.9114	0.9543	0.9363	0.8711	0.9845	0.9673	0.8047
76.7	0.9567	0.9198	0.9417	0.9281	0.8683	0.9821	0.9649	0.8273

76.8	0.9604	0.9334	0.9491	0.9490	0.8668	0.9838	0.9725	0.8269
76.9	0.9701	0.9404	0.9504	0.9664	0.8761	0.9869	0.9701	0.8499
77.0	0.9657	0.9405	0.9476	0.9579	0.8198	0.9821	0.9672	0.8877
77.1	0.9559	0.9389	0.9469	0.9415	0.8646	0.9804	0.9681	0.8747
77.2	0.9597	0.9416	0.9529	0.9471	0.8448	0.9753	0.9687	0.8637
77.3	0.9664	0.9557	0.9626	0.9541	0.8629	0.9774	0.9779	0.8721
77.4	0.9770	0.9635	0.9637	0.9662	0.8685	0.9814	0.9837	0.9123
77.5	0.9701	0.9394	0.9548	0.9565	0.8806	0.9789	0.9735	0.9164
77.6	0.9658	0.9427	0.9606	0.9688	0.8722	0.9784	0.9727	0.9255
77.7	0.9660	0.9625	0.9551	0.9580	0.8879	0.9759	0.9760	0.9296
77.8	0.9600	0.9641	0.9419	0.9385	0.8382	0.9774	0.9755	0.9319
77.9	0.9445	0.9284	0.9158	0.9193	0.7769	0.9606	0.9616	0.8885
78.0	0.9597	0.9294	0.9202	0.9445	0.8586	0.9596	0.9675	0.8754
78.1	0.9707	0.9467	0.9589	0.9577	0.9214	0.9689	0.9788	0.9278
78.2	0.9631	0.9577	0.9615	0.9622	0.9133	0.9652	0.9763	0.9359
78.3	0.9616	0.9666	0.9638	0.9510	0.8663	0.9708	0.9736	0.9451
78.4	0.9617	0.9695	0.9698	0.9640	0.8604	0.9723	0.9776	0.9459
78.5	0.9728	0.9677	0.9736	0.9680	0.8694	0.9725	0.9835	0.9514
78.6	0.9672	0.9768	0.9690	0.9680	0.8638	0.9679	0.9866	0.9584
78.7	0.9725	0.9816	0.9689	0.9753	0.8876	0.9590	0.9854	0.9663
78.8	0.9779	0.9823	0.9734	0.9722	0.9134	0.9577	0.9844	0.9664
78.9	0.9773	0.9773	0.9719	0.9629	0.8903	0.9546	0.9665	0.9547
79.0	0.9750	0.9726	0.9644	0.9535	0.8450	0.9437	0.9511	0.9307
79.1	0.9748	0.9783	0.9696	0.9665	0.8600	0.9625	0.9705	0.9409
79.2	0.9791	0.9846	0.9797	0.9768	0.8838	0.9638	0.9809	0.9579
79.3	0.9770	0.9806	0.9747	0.9765	0.8383	0.9525	0.9847	0.9567
79.4	0.9703	0.9689	0.9573	0.9640	0.8463	0.9326	0.9806	0.9548
79.5	0.9785	0.9787	0.9664	0.9648	0.8629	0.9310	0.9825	0.9702
79.6	0.9808	0.9837	0.9721	0.9733	0.8796	0.9359	0.9856	0.9711
79.7	0.9836	0.9879	0.9787	0.9809	0.9031	0.9536	0.9907	0.9722
79.8	0.9834	0.9842	0.9796	0.9794	0.9014	0.9470	0.9897	0.9699
79.9	0.9844	0.9820	0.9766	0.9767	0.9134	0.9411	0.9884	0.9689
80.0	0.9806	0.9787	0.9683	0.9747	0.8784	0.9291	0.9870	0.9589

1.2.9 Run 3 – IP315 – NF and AF gauges

In-plane shaking at 315°. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9892	0.7644	0.9981	0.9995	0.9693	0.9915	0.4360	0.9764
0.1	0.9392	0.2858	0.9838	0.9973	0.8016	0.9159	0.0749	0.7613
0.2	0.8452	0.8159	0.8623	0.8344	0.8502	0.7955	0.6308	0.5295
0.3	0.9683	0.9665	0.9739	0.9676	0.9721	0.9658	0.9341	0.8878
0.4	0.9898	0.9898	0.9915	0.9894	0.9915	0.9869	0.9808	0.9632
0.5	0.9973	0.9974	0.9974	0.9970	0.9969	0.9957	0.9939	0.9857
0.6	0.9995	0.9994	0.9994	0.9994	0.9993	0.9989	0.9982	0.9963
0.7	0.9998	0.9998	0.9998	0.9998	0.9998	0.9997	0.9994	0.9989
0.8	0.9998	0.9999	0.9998	0.9998	0.9997	0.9996	0.9992	0.9994
0.9	0.9998	0.9998	0.9996	0.9998	0.9996	0.9996	0.9988	0.9990
1.0	0.9997	0.9995	0.9995	0.9995	0.9997	0.9996	0.9989	0.9983
1.1	0.9987	0.9984	0.9980	0.9978	0.9988	0.9985	0.9964	0.9945
1.2	0.9995	0.9994	0.9991	0.9991	0.9994	0.9991	0.9983	0.9980
1.3	0.9998	0.9998	0.9997	0.9997	0.9997	0.9997	0.9994	0.9992
1.4	0.9999	0.9999	0.9996	0.9997	0.9998	0.9997	0.9996	0.9993
1.5	0.9999	1.0000	0.9991	0.9993	0.9998	0.9997	0.9995	0.9996
1.6	0.9999	1.0000	0.9989	0.9990	0.9998	0.9998	0.9996	0.9997
1.7	0.9998	0.9998	0.9942	0.9950	0.9990	0.9991	0.9986	0.9987
1.8	0.9997	0.9997	0.9905	0.9920	0.9985	0.9986	0.9981	0.9976
1.9	0.9995	0.9994	0.9843	0.9872	0.9964	0.9970	0.9962	0.9950
2.0	0.9980	0.9983	0.9897	0.9919	0.9885	0.9892	0.9861	0.9860
2.1	0.9940	0.9946	0.9951	0.9962	0.9733	0.9743	0.9676	0.9695
2.2	0.9743	0.9770	0.9951	0.9963	0.9164	0.9182	0.9026	0.9093
2.3	0.6766	0.7042	0.9843	0.9902	0.3482	0.3540	0.3071	0.3260
2.4	0.8010	0.8448	0.9978	0.9983	0.3054	0.2884	0.4363	0.3790
2.5	0.9895	0.9917	0.9994	0.9994	0.3533	0.3772	0.5224	0.4315
2.6	0.9978	0.9982	0.9996	0.9997	0.8831	0.9011	0.5580	0.7591
2.7	0.9993	0.9994	0.9998	0.9998	0.9777	0.9799	0.9288	0.9595
2.8	0.9996	0.9996	0.9998	0.9998	0.9902	0.9913	0.9734	0.9839
2.9	0.9998	0.9998	0.9998	0.9998	0.9963	0.9966	0.9917	0.9937
3.0	0.9999	0.9999	0.9997	0.9997	0.9981	0.9983	0.9955	0.9970
3.1	0.9999	0.9999	0.9997	0.9998	0.9991	0.9990	0.9976	0.9986
3.2	0.9999	0.9999	0.9998	0.9998	0.9993	0.9994	0.9983	0.9991
3.3	1.0000	1.0000	0.9999	0.9999	0.9997	0.9997	0.9995	0.9996
3.4	0.9999	0.9999	0.9998	0.9998	0.9996	0.9996	0.9991	0.9995
3.5	1.0000	0.9999	0.9998	0.9999	0.9998	0.9998	0.9996	0.9996
3.6	0.9999	1.0000	0.9997	0.9998	0.9998	0.9998	0.9994	0.9997
3.7	1.0000	0.9999	0.9998	0.9998	0.9998	0.9998	0.9995	0.9997
3.8	1.0000	1.0000	0.9998	0.9999	0.9999	0.9999	0.9995	0.9998
3.9	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9995	0.9997
4.0	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9997	0.9998
4.1	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9996	0.9997
4.2	0.9999	0.9999	0.9998	0.9999	0.9998	0.9998	0.9993	0.9997
4.3	0.9999	0.9999	0.9998	0.9998	0.9997	0.9997	0.9988	0.9996
4.4	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9991	0.9997
4.5	1.0000	0.9999	0.9999	0.9999	0.9998	0.9998	0.9989	0.9997
4.6	0.9999	0.9999	0.9999	0.9999	0.9997	0.9997	0.9985	0.9996
4.7	0.9999	0.9999	0.9999	0.9999	0.9995	0.9995	0.9978	0.9995
4.8	0.9999	0.9999	0.9999	0.9999	0.9995	0.9995	0.9976	0.9995
4.9	0.9999	0.9999	0.9999	0.9999	0.9996	0.9996	0.9976	0.9995
5.0	0.9999	0.9999	0.9999	0.9999	0.9996	0.9995	0.9971	0.9993
5.1	0.9999	0.9999	0.9999	0.9999	0.9996	0.9995	0.9969	0.9993
5.2	0.9999	0.9999	0.9999	0.9999	0.9995	0.9995	0.9971	0.9993
5.3	0.9999	0.9999	0.9999	0.9999	0.9995	0.9995	0.9975	0.9993
5.4	0.9999	0.9999	0.9999	0.9999	0.9996	0.9996	0.9978	0.9994
5.5	0.9999	0.9999	0.9999	0.9999	0.9997	0.9997	0.9983	0.9995
5.6	0.9999	0.9999	0.9999	0.9999	0.9998	0.9997	0.9984	0.9996
5.7	0.9999	0.9999	0.9999	0.9999	0.9998	0.9997	0.9986	0.9993
5.8	0.9999	0.9999	0.9999	0.9999	0.9996	0.9997	0.9982	0.9992
5.9	0.9999	0.9999	0.9998	0.9998	0.9996	0.9997	0.9980	0.9992
6.0	0.9999	0.9999	0.9998	0.9998	0.9997	0.9997	0.9979	0.9989
6.1	0.9998	0.9999	0.9998	0.9999	0.9997	0.9998	0.9982	0.9988
6.2	0.9997	0.9999	0.9998	0.9998	0.9997	0.9997	0.9980	0.9984
6.3	0.9997	0.9998	0.9998	0.9998	0.9996	0.9996	0.9983	0.9983
6.4	0.9997	0.9999	0.9998	0.9998	0.9996	0.9996	0.9984	0.9985
6.5	0.9997	0.9999	0.9998	0.9998	0.9997	0.9996	0.9982	0.9984
6.6	0.9996	0.9998	0.9998	0.9998	0.9995	0.9995	0.9984	0.9977
6.7	0.9995	0.9999	0.9998	0.9998	0.9995	0.9996	0.9988	0.9976
6.8	0.9993	0.9998	0.9997	0.9998	0.9993	0.9994	0.9985	0.9971
6.9	0.9974	0.9997	0.9986	0.9994	0.9975	0.9980	0.9973	0.9942
7.0	0.9953	0.9996	0.9965	0.9989	0.9960	0.9970	0.9966	0.9926
7.1	0.9828	0.9993	0.9881	0.9965	0.9869	0.9905	0.9922	0.9773
7.2	0.9857	0.9995	0.9939	0.9974	0.9892	0.9923	0.9931	0.9805
7.3	0.9940	0.9997	0.9980	0.9989	0.9963	0.9975	0.9960	0.9925
7.4	0.9888	0.9996	0.9973	0.9981	0.9934	0.9956	0.9930	0.9883
7.5	0.9955	0.9996	0.9992	0.9993	0.9964	0.9974	0.9962	0.9929
7.6	0.9975	0.9996	0.9997	0.9995	0.9976	0.9981	0.9969	0.9944
7.7	0.9991	0.9996	0.9999	0.9997	0.9987	0.9987	0.9982	0.9957
7.8	0.9993	0.9995	0.9999	0.9998	0.9988	0.9987	0.9983	0.9956
7.9	0.9996	0.9998	0.9999	0.9999	0.9994	0.9995	0.9988	0.9972

8.0	0.9995	0.9996	0.9998	0.9998	0.9991	0.9992	0.9986	0.9964
8.1	0.9996	0.9997	0.9998	0.9998	0.9992	0.9993	0.9991	0.9968
8.2	0.9995	0.9996	0.9998	0.9998	0.9992	0.9993	0.9984	0.9971
8.3	0.9995	0.9995	0.9998	0.9999	0.9991	0.9991	0.9987	0.9970
8.4	0.9995	0.9996	0.9998	0.9999	0.9993	0.9992	0.9987	0.9976
8.5	0.9996	0.9995	0.9998	0.9998	0.9991	0.9991	0.9985	0.9977
8.6	0.9995	0.9994	0.9998	0.9999	0.9990	0.9991	0.9982	0.9980
8.7	0.9994	0.9992	0.9998	0.9998	0.9987	0.9988	0.9983	0.9970
8.8	0.9989	0.9986	0.9997	0.9998	0.9976	0.9978	0.9973	0.9956
8.9	0.9986	0.9979	0.9997	0.9996	0.9967	0.9969	0.9962	0.9950
9.0	0.9967	0.9951	0.9997	0.9992	0.9925	0.9932	0.9918	0.9904
9.1	0.9975	0.9966	0.9996	0.9995	0.9948	0.9952	0.9939	0.9929
9.2	0.9904	0.9850	0.9991	0.9981	0.9777	0.9798	0.9775	0.9716
9.3	0.9817	0.9719	0.9993	0.9966	0.9603	0.9656	0.9616	0.9536
9.4	0.9824	0.9732	0.9995	0.9981	0.9622	0.9668	0.9652	0.9540
9.5	0.9833	0.9726	0.9995	0.9988	0.9574	0.9630	0.9587	0.9487
9.6	0.9878	0.9770	0.9995	0.9991	0.9561	0.9671	0.9608	0.9340
9.7	0.9921	0.9849	0.9995	0.9993	0.9637	0.9741	0.9496	0.9472
9.8	0.9959	0.9937	0.9993	0.9995	0.9844	0.9889	0.9579	0.9726
9.9	0.9949	0.9933	0.9990	0.9993	0.9853	0.9877	0.9553	0.9717
10.0	0.9947	0.9947	0.9986	0.9989	0.9885	0.9905	0.9735	0.9602
10.1	0.9955	0.9960	0.9981	0.9988	0.9926	0.9938	0.9836	0.9649
10.2	0.9967	0.9972	0.9978	0.9984	0.9950	0.9950	0.9883	0.9666
10.3	0.9990	0.9991	0.9986	0.9992	0.9983	0.9985	0.9952	0.9879
10.4	0.9993	0.9994	0.9991	0.9995	0.9988	0.9990	0.9968	0.9928
10.5	0.9997	0.9996	0.9995	0.9997	0.9994	0.9994	0.9979	0.9966
10.6	0.9995	0.9995	0.9994	0.9996	0.9993	0.9991	0.9976	0.9971
10.7	0.9997	0.9997	0.9995	0.9997	0.9994	0.9994	0.9980	0.9977
10.8	0.9997	0.9996	0.9995	0.9997	0.9994	0.9995	0.9983	0.9973
10.9	0.9996	0.9995	0.9996	0.9997	0.9995	0.9994	0.9986	0.9985
11.0	0.9995	0.9995	0.9996	0.9997	0.9994	0.9994	0.9986	0.9985
11.1	0.9996	0.9996	0.9997	0.9997	0.9995	0.9996	0.9987	0.9985
11.2	0.9995	0.9996	0.9995	0.9997	0.9995	0.9994	0.9985	0.9987
11.3	0.9996	0.9996	0.9995	0.9996	0.9995	0.9994	0.9988	0.9988
11.4	0.9996	0.9997	0.9995	0.9996	0.9996	0.9995	0.9991	0.9989
11.5	0.9995	0.9995	0.9995	0.9996	0.9995	0.9993	0.9990	0.9987
11.6	0.9993	0.9993	0.9994	0.9996	0.9992	0.9991	0.9984	0.9982
11.7	0.9993	0.9993	0.9994	0.9995	0.9993	0.9992	0.9986	0.9977
11.8	0.9993	0.9992	0.9994	0.9995	0.9994	0.9992	0.9988	0.9987
11.9	0.9990	0.9989	0.9993	0.9994	0.9989	0.9989	0.9985	0.9984
12.0	0.9992	0.9992	0.9994	0.9995	0.9992	0.9991	0.9986	0.9988
12.1	0.9994	0.9995	0.9996	0.9997	0.9995	0.9995	0.9991	0.9990
12.2	0.9993	0.9993	0.9995	0.9996	0.9994	0.9994	0.9990	0.9989
12.3	0.9990	0.9991	0.9994	0.9995	0.9992	0.9990	0.9985	0.9985
12.4	0.9992	0.9993	0.9992	0.9993	0.9993	0.9991	0.9988	0.9986
12.5	0.9993	0.9994	0.9994	0.9995	0.9994	0.9993	0.9990	0.9990
12.6	0.9992	0.9993	0.9994	0.9994	0.9993	0.9993	0.9988	0.9989
12.7	0.9992	0.9992	0.9993	0.9993	0.9991	0.9992	0.9984	0.9986
12.8	0.9993	0.9993	0.9993	0.9994	0.9992	0.9993	0.9986	0.9988
12.9	0.9991	0.9989	0.9993	0.9994	0.9990	0.9991	0.9984	0.9988
13.0	0.9989	0.9989	0.9993	0.9993	0.9991	0.9991	0.9985	0.9989
13.1	0.9990	0.9991	0.9994	0.9995	0.9991	0.9992	0.9987	0.9988
13.2	0.9989	0.9991	0.9992	0.9993	0.9989	0.9990	0.9987	0.9984
13.3	0.9988	0.9988	0.9990	0.9990	0.9988	0.9989	0.9988	0.9978
13.4	0.9991	0.9990	0.9992	0.9992	0.9990	0.9991	0.9989	0.9983
13.5	0.9988	0.9987	0.9990	0.9991	0.9988	0.9989	0.9987	0.9984
13.6	0.9985	0.9984	0.9988	0.9987	0.9984	0.9985	0.9986	0.9977
13.7	0.9986	0.9986	0.9986	0.9986	0.9985	0.9985	0.9987	0.9978
13.8	0.9991	0.9990	0.9988	0.9988	0.9991	0.9991	0.9990	0.9986
13.9	0.9988	0.9989	0.9990	0.9989	0.9988	0.9989	0.9989	0.9983
14.0	0.9984	0.9984	0.9985	0.9985	0.9984	0.9983	0.9981	0.9981
14.1	0.9985	0.9983	0.9984	0.9985	0.9984	0.9985	0.9982	0.9981
14.2	0.9973	0.9971	0.9984	0.9984	0.9972	0.9975	0.9975	0.9963
14.3	0.9972	0.9972	0.9981	0.9981	0.9973	0.9975	0.9973	0.9970
14.4	0.9973	0.9973	0.9979	0.9979	0.9973	0.9974	0.9974	0.9970
14.5	0.9965	0.9963	0.9970	0.9970	0.9964	0.9965	0.9964	0.9958
14.6	0.9969	0.9964	0.9972	0.9972	0.9967	0.9968	0.9965	0.9961
14.7	0.9969	0.9965	0.9975	0.9974	0.9967	0.9968	0.9966	0.9958
14.8	0.9964	0.9960	0.9976	0.9978	0.9962	0.9962	0.9960	0.9957
14.9	0.9971	0.9969	0.9982	0.9983	0.9968	0.9967	0.9958	0.9964
15.0	0.9958	0.9958	0.9943	0.9945	0.9956	0.9950	0.9929	0.9952
15.1	0.9953	0.9954	0.9934	0.9936	0.9952	0.9947	0.9947	0.9947
15.2	0.9939	0.9941	0.9917	0.9918	0.9938	0.9936	0.9937	0.9936
15.3	0.9944	0.9945	0.9918	0.9919	0.9945	0.9941	0.9941	0.9945
15.4	0.9942	0.9943	0.9901	0.9900	0.9946	0.9945	0.9942	0.9945
15.5	0.9886	0.9887	0.9776	0.9777	0.9893	0.9895	0.9891	0.9887
15.6	0.9908	0.9909	0.9804	0.9803	0.9912	0.9909	0.9902	0.9908
15.7	0.9866	0.9873	0.9582	0.9579	0.9873	0.9879	0.9862	0.9875
15.8	0.9843	0.9849	0.9436	0.9428	0.9851	0.9857	0.9837	0.9856
15.9	0.9878	0.9883	0.9543	0.9537	0.9883	0.9887	0.9871	0.9887
16.0	0.9879	0.9888	0.9671	0.9666	0.9884	0.9882	0.9870	0.9885
16.1	0.9880	0.9882	0.9827	0.9823	0.9880	0.9874	0.9877	0.9879
16.2	0.9882	0.9881	0.9885	0.9882	0.9879	0.9875	0.9877	0.9879
16.3	0.9832	0.9831	0.9875	0.9865	0.9826	0.9822	0.9820	0.9825
16.4	0.9808	0.9804	0.9929	0.9921	0.9803	0.9801	0.9801	0.9800
16.5	0.9760	0.9754	0.9948	0.9935	0.9752	0.9751	0.9750	0.9747

16.6	0.9754	0.9752	0.9939	0.9928	0.9749	0.9748	0.9747	0.9746
16.7	0.9639	0.9635	0.9912	0.9909	0.9636	0.9634	0.9634	0.9634
16.8	0.9593	0.9589	0.9829	0.9814	0.9586	0.9588	0.9584	0.9581
16.9	0.9606	0.9604	0.9834	0.9810	0.9599	0.9602	0.9593	0.9600
17.0	0.9675	0.9668	0.9924	0.9901	0.9658	0.9662	0.9651	0.9658
17.1	0.9797	0.9796	0.9883	0.9856	0.9785	0.9787	0.9778	0.9786
17.2	0.9749	0.9747	0.9872	0.9868	0.9737	0.9738	0.9729	0.9739
17.3	0.9804	0.9799	0.9909	0.9913	0.9789	0.9790	0.9778	0.9788
17.4	0.9869	0.9863	0.9947	0.9958	0.9849	0.9852	0.9839	0.9850
17.5	0.9904	0.9902	0.9963	0.9972	0.9893	0.9895	0.9887	0.9893
17.6	0.9880	0.9879	0.9967	0.9973	0.9867	0.9869	0.9861	0.9867
17.7	0.9885	0.9884	0.9974	0.9977	0.9868	0.9871	0.9862	0.9866
17.8	0.9944	0.9943	0.9990	0.9990	0.9936	0.9938	0.9934	0.9935
17.9	0.9936	0.9934	0.9987	0.9986	0.9926	0.9928	0.9925	0.9926
18.0	0.9916	0.9914	0.9982	0.9981	0.9906	0.9910	0.9906	0.9907
18.1	0.9933	0.9932	0.9985	0.9983	0.9925	0.9929	0.9924	0.9924
18.2	0.9950	0.9949	0.9989	0.9988	0.9946	0.9949	0.9945	0.9946
18.3	0.9945	0.9945	0.9982	0.9982	0.9944	0.9948	0.9945	0.9948
18.4	0.9944	0.9943	0.9984	0.9984	0.9943	0.9945	0.9942	0.9946
18.5	0.9941	0.9943	0.9991	0.9990	0.9944	0.9946	0.9944	0.9948
18.6	0.9962	0.9965	0.9994	0.9992	0.9966	0.9967	0.9966	0.9968
18.7	0.9956	0.9959	0.9986	0.9986	0.9962	0.9964	0.9963	0.9966
18.8	0.9971	0.9971	0.9989	0.9989	0.9971	0.9974	0.9971	0.9974
18.9	0.9965	0.9964	0.9981	0.9981	0.9966	0.9967	0.9965	0.9968
19.0	0.9970	0.9971	0.9988	0.9987	0.9972	0.9974	0.9972	0.9974
19.1	0.9972	0.9972	0.9985	0.9985	0.9974	0.9976	0.9973	0.9976
19.2	0.9966	0.9965	0.9979	0.9979	0.9967	0.9969	0.9966	0.9969
19.3	0.9975	0.9973	0.9988	0.9988	0.9975	0.9976	0.9973	0.9978
19.4	0.9976	0.9975	0.9989	0.9989	0.9978	0.9978	0.9976	0.9979
19.5	0.9970	0.9969	0.9987	0.9987	0.9970	0.9973	0.9968	0.9972
19.6	0.9977	0.9976	0.9990	0.9990	0.9977	0.9980	0.9977	0.9979
19.7	0.9977	0.9975	0.9989	0.9989	0.9975	0.9976	0.9974	0.9976
19.8	0.9979	0.9979	0.9993	0.9993	0.9977	0.9979	0.9975	0.9977
19.9	0.9970	0.9969	0.9991	0.9990	0.9968	0.9970	0.9963	0.9969
20.0	0.9971	0.9968	0.9988	0.9986	0.9968	0.9971	0.9963	0.9971
20.1	0.9973	0.9970	0.9987	0.9986	0.9971	0.9974	0.9967	0.9974
20.2	0.9982	0.9980	0.9991	0.9990	0.9978	0.9981	0.9975	0.9980
20.3	0.9972	0.9971	0.9986	0.9986	0.9968	0.9970	0.9964	0.9970
20.4	0.9977	0.9976	0.9989	0.9989	0.9973	0.9975	0.9967	0.9973
20.5	0.9975	0.9974	0.9989	0.9989	0.9974	0.9974	0.9967	0.9974
20.6	0.9968	0.9966	0.9987	0.9986	0.9958	0.9959	0.9947	0.9961
20.7	0.9967	0.9969	0.9991	0.9988	0.9957	0.9959	0.9946	0.9958
20.8	0.9970	0.9968	0.9990	0.9988	0.9950	0.9951	0.9934	0.9951
20.9	0.9968	0.9964	0.9987	0.9985	0.9947	0.9950	0.9936	0.9943
21.0	0.9954	0.9951	0.9982	0.9981	0.9927	0.9929	0.9911	0.9925
21.1	0.9960	0.9956	0.9980	0.9981	0.9920	0.9928	0.9903	0.9913
21.2	0.9965	0.9961	0.9984	0.9982	0.9917	0.9925	0.9894	0.9901
21.3	0.9962	0.9957	0.9983	0.9983	0.9900	0.9910	0.9879	0.9871
21.4	0.9961	0.9958	0.9985	0.9984	0.9894	0.9907	0.9871	0.9878
21.5	0.9955	0.9952	0.9985	0.9984	0.9877	0.9895	0.9842	0.9866
21.6	0.9966	0.9962	0.9985	0.9982	0.9882	0.9896	0.9843	0.9854
21.7	0.9970	0.9967	0.9984	0.9984	0.9887	0.9900	0.9846	0.9857
21.8	0.9954	0.9953	0.9981	0.9980	0.9820	0.9842	0.9766	0.9764
21.9	0.9950	0.9952	0.9982	0.9977	0.9783	0.9818	0.9717	0.9692
22.0	0.9944	0.9951	0.9983	0.9977	0.9727	0.9786	0.9647	0.9608
22.1	0.9944	0.9949	0.9978	0.9975	0.9710	0.9764	0.9609	0.9606
22.2	0.9956	0.9962	0.9983	0.9978	0.9828	0.9856	0.9761	0.9760
22.3	0.9951	0.9955	0.9981	0.9977	0.9800	0.9830	0.9733	0.9685
22.4	0.9962	0.9965	0.9981	0.9976	0.9826	0.9849	0.9754	0.9698
22.5	0.9958	0.9964	0.9977	0.9973	0.9848	0.9865	0.9777	0.9756
22.6	0.9951	0.9957	0.9975	0.9970	0.9796	0.9824	0.9725	0.9655
22.7	0.9966	0.9967	0.9981	0.9977	0.9821	0.9859	0.9764	0.9650
22.8	0.9963	0.9963	0.9978	0.9973	0.9877	0.9891	0.9823	0.9765
22.9	0.9940	0.9942	0.9972	0.9963	0.9774	0.9815	0.9700	0.9592
23.0	0.9929	0.9935	0.9972	0.9966	0.9767	0.9802	0.9671	0.9595
23.1	0.9945	0.9948	0.9969	0.9971	0.9782	0.9821	0.9688	0.9586
23.2	0.9948	0.9951	0.9973	0.9971	0.9793	0.9839	0.9687	0.9634
23.3	0.9947	0.9951	0.9969	0.9963	0.9814	0.9864	0.9744	0.9679
23.4	0.9963	0.9958	0.9976	0.9970	0.9859	0.9869	0.9787	0.9753
23.5	0.9960	0.9960	0.9977	0.9969	0.9876	0.9879	0.9790	0.9788
23.6	0.9944	0.9950	0.9972	0.9963	0.9846	0.9871	0.9777	0.9741
23.7	0.9928	0.9935	0.9967	0.9964	0.9827	0.9840	0.9725	0.9698
23.8	0.9933	0.9936	0.9972	0.9966	0.9832	0.9849	0.9736	0.9728
23.9	0.9948	0.9953	0.9974	0.9971	0.9852	0.9881	0.9791	0.9752
24.0	0.9943	0.9949	0.9974	0.9961	0.9865	0.9889	0.9816	0.9794
24.1	0.9939	0.9945	0.9974	0.9960	0.9860	0.9883	0.9791	0.9773
24.2	0.9917	0.9924	0.9952	0.9945	0.9801	0.9833	0.9724	0.9638
24.3	0.9913	0.9901	0.9947	0.9941	0.9760	0.9770	0.9649	0.9590
24.4	0.9936	0.9929	0.9963	0.9948	0.9825	0.9823	0.9761	0.9689
24.5	0.9921	0.9920	0.9957	0.9943	0.9802	0.9814	0.9731	0.9617
24.6	0.9928	0.9929	0.9964	0.9954	0.9816	0.9836	0.9738	0.9669
24.7	0.9932	0.9935	0.9966	0.9947	0.9810	0.9864	0.9738	0.9691
24.8	0.9932	0.9937	0.9965	0.9947	0.9846	0.9878	0.9790	0.9746
24.9	0.9888	0.9901	0.9947	0.9918	0.9738	0.9780	0.9636	0.9573
25.0	0.9920	0.9922	0.9956	0.9936	0.9758	0.9827	0.9698	0.9583
25.1	0.9933	0.9940	0.9963	0.9949	0.9783	0.9848	0.9737	0.9627

25.2	0.9924	0.9926	0.9958	0.9936	0.9797	0.9833	0.9722	0.9663
25.3	0.9898	0.9913	0.9951	0.9934	0.9700	0.9789	0.9613	0.9511
25.4	0.9910	0.9928	0.9947	0.9930	0.9726	0.9777	0.9579	0.9402
25.5	0.9906	0.9924	0.9951	0.9932	0.9738	0.9785	0.9531	0.9460
25.6	0.9920	0.9928	0.9953	0.9940	0.9804	0.9835	0.9649	0.9619
25.7	0.9904	0.9914	0.9947	0.9919	0.9714	0.9737	0.9590	0.9485
25.8	0.9911	0.9928	0.9950	0.9932	0.9720	0.9762	0.9581	0.9512
25.9	0.9917	0.9931	0.9941	0.9922	0.9757	0.9814	0.9619	0.9615
26.0	0.9887	0.9893	0.9941	0.9905	0.9667	0.9787	0.9531	0.9451
26.1	0.9900	0.9884	0.9934	0.9902	0.9646	0.9756	0.9495	0.9316
26.2	0.9893	0.9898	0.9902	0.9884	0.9585	0.9681	0.9505	0.9068
26.3	0.9870	0.9879	0.9931	0.9874	0.9488	0.9584	0.9156	0.8967
26.4	0.9843	0.9862	0.9937	0.9890	0.9418	0.9529	0.9049	0.9000
26.5	0.9828	0.9844	0.9920	0.9879	0.9338	0.9464	0.8926	0.8896
26.6	0.9867	0.9872	0.9929	0.9890	0.9397	0.9580	0.9170	0.8999
26.7	0.9846	0.9875	0.9916	0.9872	0.9288	0.9481	0.9151	0.8566
26.8	0.9839	0.9869	0.9899	0.9851	0.9313	0.9452	0.9074	0.8341
26.9	0.9821	0.9858	0.9900	0.9823	0.9224	0.9385	0.8865	0.8354
27.0	0.9824	0.9886	0.9926	0.9850	0.9259	0.9405	0.9018	0.8430
27.1	0.9743	0.9820	0.9883	0.9783	0.8926	0.9123	0.8624	0.7637
27.2	0.9850	0.9850	0.9897	0.9852	0.9235	0.9252	0.8775	0.8159
27.3	0.9785	0.9802	0.9856	0.9792	0.8730	0.8994	0.8643	0.6605
27.4	0.9783	0.9832	0.9846	0.9770	0.8725	0.8858	0.8802	0.4535
27.5	0.9744	0.9832	0.9846	0.9758	0.8724	0.8713	0.8567	0.4229
27.6	0.9795	0.9858	0.9877	0.9797	0.8743	0.8818	0.8572	0.3598
27.7	0.9730	0.9808	0.9852	0.9744	0.8450	0.8498	0.8309	0.1771
27.8	0.9778	0.9820	0.9858	0.9757	0.8483	0.8704	0.8515	0.1153
27.9	0.9779	0.9824	0.9874	0.9734	0.8215	0.8415	0.8109	0.1030
28.0	0.9595	0.9657	0.9729	0.9479	0.7041	0.7533	0.7065	0.0618
28.1	0.9648	0.9729	0.9786	0.9611	0.6986	0.7712	0.7102	0.1125
28.2	0.9522	0.9682	0.9760	0.9653	0.6572	0.7533	0.6782	0.1911
28.3	0.9586	0.9643	0.9786	0.9687	0.6820	0.8087	0.6655	0.2741
28.4	0.9536	0.9686	0.9752	0.9544	0.5704	0.7453	0.5820	0.1598
28.5	0.9568	0.9726	0.9753	0.9522	0.6379	0.7611	0.6212	0.2607
28.6	0.9611	0.9695	0.9757	0.9555	0.6140	0.7790	0.6325	0.3501
28.7	0.9471	0.9607	0.9758	0.9371	0.5404	0.6846	0.6012	0.3612
28.8	0.9327	0.9506	0.9779	0.9350	0.4837	0.6699	0.5473	0.3772
28.9	0.9373	0.9600	0.9757	0.9414	0.4799	0.6456	0.5886	0.4519
29.0	0.9181	0.9561	0.9737	0.9331	0.4697	0.6152	0.6203	0.5194
29.1	0.9481	0.9707	0.9805	0.9545	0.6184	0.7400	0.7445	0.5446
29.2	0.9384	0.9673	0.9840	0.9578	0.6308	0.7340	0.7540	0.6562
29.3	0.8906	0.9316	0.9679	0.9160	0.5513	0.6098	0.6713	0.6475
29.4	0.9077	0.9408	0.9629	0.9161	0.6702	0.7273	0.7829	0.6914
29.5	0.8956	0.9352	0.9610	0.9249	0.6875	0.7381	0.8272	0.6812
29.6	0.9062	0.9471	0.9606	0.9294	0.7218	0.7750	0.8255	0.7388
29.7	0.9141	0.9554	0.9639	0.9301	0.7704	0.7852	0.8296	0.7656
29.8	0.9203	0.9560	0.9622	0.9335	0.8022	0.8081	0.8573	0.8007
29.9	0.8702	0.9179	0.9479	0.9168	0.7422	0.7545	0.8015	0.7530
30.0	0.8156	0.8979	0.9347	0.8914	0.6970	0.7197	0.7675	0.7396
30.1	0.8636	0.9381	0.9339	0.8878	0.7347	0.7515	0.7925	0.7507
30.2	0.8486	0.9578	0.9291	0.8652	0.7371	0.7340	0.7937	0.6976
30.3	0.8276	0.9386	0.9313	0.8692	0.7374	0.7405	0.7902	0.7277
30.4	0.8761	0.9335	0.9312	0.9116	0.8623	0.8627	0.8784	0.8395
30.5	0.8709	0.9303	0.9267	0.9061	0.8762	0.8704	0.8912	0.8687
30.6	0.7858	0.8666	0.8977	0.8490	0.8253	0.8234	0.8411	0.8297
30.7	0.8280	0.8847	0.8931	0.8753	0.8449	0.8312	0.8527	0.8279
30.8	0.8366	0.8872	0.9024	0.8878	0.8729	0.8590	0.8762	0.8557
30.9	0.8505	0.8643	0.8870	0.8859	0.8559	0.8411	0.8388	0.8690
31.0	0.8617	0.8643	0.8599	0.8789	0.8723	0.8655	0.8824	0.8324
31.1	0.8808	0.8890	0.8449	0.8935	0.8820	0.8837	0.8989	0.8432
31.2	0.8280	0.8573	0.8232	0.8508	0.7972	0.8098	0.8092	0.7857
31.3	0.8029	0.7838	0.8097	0.8169	0.8035	0.7913	0.8017	0.7789
31.4	0.8533	0.8330	0.8078	0.8675	0.8725	0.8643	0.8574	0.8365
31.5	0.8342	0.7838	0.8143	0.8555	0.8722	0.8663	0.8560	0.8299
31.6	0.8345	0.7923	0.8484	0.8660	0.8698	0.8563	0.8395	0.8336
31.7	0.8310	0.7951	0.8064	0.8500	0.8466	0.8439	0.8121	0.8158
31.8	0.8840	0.7901	0.8367	0.8957	0.8867	0.8909	0.8853	0.8478
31.9	0.8384	0.7640	0.8214	0.8718	0.8499	0.8516	0.8452	0.8042
32.0	0.8151	0.7889	0.8105	0.8561	0.8697	0.8570	0.8521	0.8348
32.1	0.8779	0.8470	0.8584	0.8980	0.9137	0.9093	0.8891	0.8860
32.2	0.8797	0.8612	0.8888	0.8921	0.9118	0.9115	0.8818	0.8990
32.3	0.8168	0.7899	0.8228	0.8522	0.8652	0.8589	0.8191	0.8441
32.4	0.8591	0.8292	0.8490	0.8992	0.9124	0.9047	0.8645	0.9017
32.5	0.8861	0.7893	0.8858	0.9062	0.9135	0.9105	0.8749	0.9111
32.6	0.8753	0.7329	0.8618	0.9144	0.9048	0.9084	0.8718	0.9085
32.7	0.8970	0.7969	0.8577	0.9361	0.9266	0.9243	0.8943	0.9198
32.8	0.8690	0.7768	0.8532	0.9106	0.8884	0.8877	0.8563	0.8889
32.9	0.8193	0.7221	0.8155	0.8924	0.8740	0.8858	0.8385	0.8779
33.0	0.8609	0.6934	0.8273	0.9254	0.9075	0.9155	0.8731	0.8971
33.1	0.8551	0.6180	0.7902	0.9039	0.9040	0.9079	0.8569	0.8815
33.2	0.7941	0.6153	0.7204	0.8572	0.8742	0.8778	0.8075	0.8507
33.3	0.7953	0.6469	0.7578	0.8563	0.8557	0.8658	0.8295	0.8530
33.4	0.8096	0.6890	0.7377	0.8704	0.8447	0.8516	0.8478	0.8364
33.5	0.8071	0.6769	0.7001	0.8768	0.8678	0.8612	0.8415	0.8495
33.6	0.6764	0.4748	0.4809	0.8099	0.7989	0.8071	0.7583	0.7785
33.7	0.7680	0.6058	0.4701	0.8517	0.8115	0.8354	0.7640	0.7987

33.8	0.8045	0.6291	0.5004	0.8736	0.8083	0.8268	0.7496	0.7594
33.9	0.7226	0.5569	0.5831	0.8578	0.7748	0.7998	0.7516	0.7442
34.0	0.7756	0.5288	0.5219	0.8855	0.8304	0.8527	0.8210	0.8103
34.1	0.7581	0.4213	0.4428	0.8850	0.7981	0.8220	0.7643	0.7560
34.2	0.6436	0.3677	0.4436	0.8596	0.7796	0.8002	0.7192	0.7473
34.3	0.7237	0.5429	0.3722	0.8827	0.8265	0.8513	0.7973	0.8046
34.4	0.7927	0.5747	0.4412	0.8810	0.8258	0.8664	0.8055	0.7950
34.5	0.7123	0.5170	0.4003	0.8424	0.8399	0.8653	0.7749	0.8010
34.6	0.7378	0.5687	0.4534	0.8657	0.8585	0.8843	0.8154	0.7954
34.7	0.7215	0.5533	0.4288	0.8559	0.8351	0.8732	0.7929	0.7849
34.8	0.6413	0.5302	0.5565	0.8181	0.8219	0.8591	0.7643	0.7970
34.9	0.7346	0.6569	0.6761	0.8591	0.8714	0.8998	0.8371	0.8733
35.0	0.7644	0.6874	0.6241	0.8862	0.8839	0.9015	0.8315	0.8842
35.1	0.7874	0.7670	0.6450	0.8933	0.8892	0.9122	0.8529	0.8648
35.2	0.7876	0.8231	0.6810	0.8627	0.9027	0.9249	0.8697	0.8805
35.3	0.7569	0.7634	0.6382	0.8571	0.8809	0.9091	0.8701	0.8675
35.4	0.6914	0.7044	0.6583	0.8244	0.8646	0.8902	0.8521	0.8484
35.5	0.7071	0.6673	0.6727	0.8562	0.8620	0.8894	0.8207	0.8605
35.6	0.7557	0.7273	0.6300	0.8734	0.8711	0.9013	0.8450	0.8682
35.7	0.7407	0.7934	0.6206	0.8941	0.8772	0.8944	0.8481	0.8696
35.8	0.7916	0.7874	0.6116	0.9164	0.8620	0.8872	0.8434	0.8531
35.9	0.8137	0.8300	0.6779	0.9235	0.8969	0.9138	0.8726	0.8941
36.0	0.8503	0.8506	0.6706	0.9193	0.9143	0.9290	0.8816	0.9054
36.1	0.8489	0.8965	0.5307	0.9323	0.9174	0.9347	0.8745	0.9156
36.2	0.8817	0.9163	0.5587	0.9372	0.9238	0.9397	0.9115	0.9142
36.3	0.8395	0.8817	0.5680	0.9187	0.9076	0.9212	0.8889	0.8954
36.4	0.8778	0.8841	0.7022	0.9272	0.9193	0.9327	0.8956	0.9018
36.5	0.9163	0.9351	0.7207	0.9370	0.9498	0.9583	0.8927	0.9486
36.6	0.8857	0.9194	0.6254	0.9048	0.9246	0.9322	0.8696	0.9077
36.7	0.9086	0.9314	0.7051	0.9063	0.9229	0.9334	0.8825	0.8922
36.8	0.9122	0.9197	0.7212	0.8845	0.9155	0.9326	0.8865	0.8894
36.9	0.8999	0.9233	0.7293	0.8652	0.9058	0.9261	0.8861	0.8910
37.0	0.9087	0.9018	0.7890	0.8709	0.9247	0.9311	0.8865	0.9061
37.1	0.9303	0.9190	0.8646	0.9049	0.9425	0.9469	0.9057	0.9262
37.2	0.9273	0.9114	0.8731	0.9117	0.9413	0.9475	0.8904	0.9206
37.3	0.9475	0.9444	0.8582	0.9157	0.9521	0.9589	0.9140	0.9249
37.4	0.9390	0.9385	0.7945	0.8664	0.9393	0.9465	0.9175	0.9026
37.5	0.9414	0.9443	0.8369	0.9118	0.9315	0.9370	0.9031	0.8908
37.6	0.9598	0.9634	0.8787	0.9524	0.9545	0.9564	0.9256	0.9284
37.7	0.9514	0.9514	0.8790	0.9406	0.9403	0.9459	0.8937	0.9214
37.8	0.9458	0.9414	0.8859	0.9326	0.9328	0.9370	0.9053	0.9145
37.9	0.9410	0.9307	0.8590	0.9205	0.9306	0.9365	0.9004	0.9091
38.0	0.9397	0.9411	0.8876	0.9344	0.9402	0.9427	0.9193	0.9149
38.1	0.9344	0.9229	0.8717	0.9065	0.9329	0.9347	0.9049	0.9093
38.2	0.9413	0.9184	0.9047	0.9304	0.9293	0.9318	0.9213	0.9106
38.3	0.9457	0.9253	0.9101	0.9302	0.9385	0.9405	0.9332	0.9095
38.4	0.9585	0.9425	0.9180	0.9387	0.9497	0.9505	0.9517	0.9260
38.5	0.9563	0.9530	0.9210	0.9244	0.9500	0.9546	0.9464	0.9313
38.6	0.9452	0.9395	0.9236	0.9105	0.9366	0.9385	0.9362	0.9129
38.7	0.9574	0.9561	0.9502	0.9520	0.9637	0.9640	0.9609	0.9491
38.8	0.9410	0.9525	0.9231	0.9492	0.9527	0.9559	0.9651	0.9233
38.9	0.9139	0.9405	0.9154	0.9303	0.9263	0.9287	0.9534	0.8860
39.0	0.9173	0.9404	0.9342	0.9335	0.9352	0.9350	0.9519	0.9157
39.1	0.9255	0.9413	0.9494	0.9341	0.9484	0.9477	0.9594	0.9264
39.2	0.9122	0.9369	0.9502	0.9382	0.9448	0.9405	0.9564	0.9163
39.3	0.9025	0.9436	0.9568	0.9566	0.9532	0.9518	0.9620	0.9335
39.4	0.9132	0.9467	0.9487	0.9472	0.9605	0.9603	0.9674	0.9355
39.5	0.8726	0.9501	0.9549	0.9235	0.9615	0.9615	0.9648	0.9384
39.6	0.8650	0.9588	0.9614	0.9420	0.9671	0.9691	0.9710	0.9453
39.7	0.8444	0.9477	0.9554	0.9353	0.9641	0.9658	0.9713	0.9433
39.8	0.8266	0.9369	0.9508	0.9270	0.9598	0.9598	0.9692	0.9337
39.9	0.7912	0.9581	0.9650	0.9174	0.9679	0.9692	0.9719	0.9523
40.0	0.7831	0.9558	0.9689	0.9079	0.9661	0.9654	0.9667	0.9565
40.1	0.7293	0.9336	0.9660	0.9283	0.9627	0.9630	0.9695	0.9490
40.2	0.6768	0.9219	0.9623	0.9279	0.9649	0.9636	0.9669	0.9526
40.3	0.6845	0.9509	0.9683	0.9010	0.9712	0.9709	0.9737	0.9619
40.4	0.6868	0.9469	0.9626	0.8782	0.9766	0.9761	0.9723	0.9698
40.5	0.5600	0.9327	0.9559	0.8675	0.9767	0.9752	0.9716	0.9689
40.6	0.5210	0.9283	0.9288	0.7521	0.9714	0.9699	0.9626	0.9650
40.7	0.5966	0.9282	0.9513	0.7290	0.9718	0.9708	0.9664	0.9641
40.8	0.6530	0.9289	0.9595	0.6597	0.9724	0.9717	0.9690	0.9618
40.9	0.6481	0.9467	0.9640	0.6370	0.9805	0.9791	0.9733	0.9794
41.0	0.5708	0.9417	0.9638	0.5665	0.9805	0.9803	0.9743	0.9782
41.1	0.5222	0.9380	0.9547	0.5455	0.9764	0.9782	0.9702	0.9713
41.2	0.6722	0.9466	0.9553	0.5809	0.9802	0.9818	0.9746	0.9749
41.3	0.7436	0.9545	0.9570	0.7272	0.9856	0.9855	0.9774	0.9827
41.4	0.7189	0.9572	0.9642	0.7540	0.9893	0.9883	0.9833	0.9836
41.5	0.7127	0.9485	0.9549	0.5958	0.9860	0.9857	0.9810	0.9796
41.6	0.7316	0.9361	0.9480	0.6433	0.9817	0.9834	0.9778	0.9759
41.7	0.7850	0.9419	0.9598	0.7683	0.9828	0.9837	0.9732	0.9792
41.8	0.7487	0.9403	0.9536	0.6989	0.9816	0.9835	0.9751	0.9788
41.9	0.7993	0.9416	0.9573	0.7196	0.9809	0.9811	0.9705	0.9745
42.0	0.8502	0.9329	0.9543	0.7301	0.9799	0.9797	0.9732	0.9645
42.1	0.8337	0.9525	0.9688	0.6943	0.9899	0.9875	0.9798	0.9787
42.2	0.8423	0.9628	0.9689	0.7212	0.9859	0.9852	0.9757	0.9770
42.3	0.8761	0.9484	0.9642	0.8154	0.9770	0.9787	0.9652	0.9690

42.4	0.8471	0.9430	0.9691	0.7742	0.9792	0.9819	0.9672	0.9698
42.5	0.8658	0.9515	0.9705	0.8149	0.9802	0.9816	0.9690	0.9738
42.6	0.8987	0.9603	0.9664	0.7400	0.9789	0.9829	0.9656	0.9776
42.7	0.9124	0.9627	0.9692	0.7720	0.9846	0.9841	0.9712	0.9782
42.8	0.8768	0.9546	0.9608	0.7814	0.9796	0.9812	0.9670	0.9721
42.9	0.8912	0.9580	0.9632	0.8040	0.9774	0.9791	0.9503	0.9687
43.0	0.9101	0.9594	0.9612	0.8033	0.9837	0.9814	0.9606	0.9661
43.1	0.9139	0.9626	0.9549	0.7744	0.9751	0.9781	0.9524	0.9658
43.2	0.9394	0.9704	0.9561	0.7544	0.9769	0.9813	0.9517	0.9584
43.3	0.9271	0.9712	0.9664	0.7902	0.9816	0.9870	0.9613	0.9686
43.4	0.9480	0.9752	0.9810	0.8736	0.9850	0.9866	0.9755	0.9759
43.5	0.9531	0.9724	0.9773	0.8826	0.9862	0.9867	0.9755	0.9720
43.6	0.9491	0.9714	0.9711	0.8810	0.9861	0.9864	0.9703	0.9766
43.7	0.9455	0.9778	0.9722	0.8750	0.9804	0.9819	0.9709	0.9730
43.8	0.9300	0.9714	0.9677	0.8327	0.9794	0.9746	0.9724	0.9593
43.9	0.9494	0.9734	0.9721	0.9307	0.9871	0.9852	0.9717	0.9780
44.0	0.9602	0.9770	0.9726	0.9488	0.9852	0.9853	0.9758	0.9755
44.1	0.9533	0.9678	0.9779	0.9347	0.9797	0.9783	0.9692	0.9622
44.2	0.9529	0.9699	0.9655	0.9366	0.9722	0.9768	0.9505	0.9604
44.3	0.9560	0.9802	0.9755	0.9392	0.9785	0.9802	0.9670	0.9583
44.4	0.9666	0.9767	0.9657	0.9049	0.9773	0.9772	0.9663	0.9388
44.5	0.9728	0.9765	0.9701	0.8938	0.9764	0.9821	0.9696	0.9456
44.6	0.9636	0.9767	0.9637	0.8950	0.9663	0.9772	0.9655	0.9283
44.7	0.9646	0.9761	0.9350	0.8757	0.9635	0.9736	0.9417	0.9444
44.8	0.9521	0.9651	0.9275	0.8362	0.9630	0.9750	0.9476	0.9416
44.9	0.9596	0.9683	0.9441	0.8980	0.9709	0.9765	0.9481	0.9405
45.0	0.9571	0.9764	0.9540	0.9267	0.9682	0.9700	0.9370	0.9354
45.1	0.9615	0.9751	0.9685	0.9399	0.9725	0.9748	0.9500	0.9245
45.2	0.9640	0.9717	0.9716	0.9312	0.9660	0.9753	0.9656	0.8910
45.3	0.9669	0.9728	0.9660	0.9181	0.9670	0.9814	0.9514	0.9021
45.4	0.9661	0.9635	0.9503	0.9091	0.9651	0.9805	0.9432	0.9221
45.5	0.9598	0.9487	0.9423	0.9021	0.9592	0.9686	0.9319	0.9084
45.6	0.9522	0.9503	0.9357	0.8983	0.9534	0.9563	0.9327	0.8762
45.7	0.9446	0.9354	0.9083	0.8408	0.9634	0.9679	0.9403	0.9046
45.8	0.9493	0.9392	0.9251	0.8839	0.9384	0.9444	0.9214	0.8518
45.9	0.9565	0.9399	0.9412	0.8955	0.9550	0.9567	0.9324	0.8235
46.0	0.9523	0.9374	0.9178	0.8676	0.9681	0.9690	0.9171	0.8627
46.1	0.9284	0.9305	0.8683	0.8071	0.9480	0.9542	0.8658	0.8585
46.2	0.9422	0.9600	0.8905	0.8178	0.9765	0.9835	0.9277	0.8964
46.3	0.9445	0.9448	0.8604	0.7831	0.9820	0.9803	0.9340	0.9044
46.4	0.9515	0.9561	0.9084	0.8688	0.9792	0.9842	0.9509	0.9087
46.5	0.9478	0.9703	0.9098	0.8935	0.9825	0.9852	0.9630	0.9099
46.6	0.9641	0.9732	0.9201	0.8608	0.9869	0.9800	0.9499	0.9161
46.7	0.9641	0.9766	0.9202	0.8676	0.9849	0.9803	0.9402	0.9278
46.8	0.9628	0.9782	0.8998	0.8464	0.9826	0.9797	0.9379	0.9423
46.9	0.9687	0.9711	0.8997	0.8446	0.9769	0.9784	0.9308	0.9359
47.0	0.9793	0.9809	0.9436	0.8992	0.9856	0.9824	0.9538	0.9427
47.1	0.9785	0.9885	0.8901	0.8777	0.9880	0.9875	0.9613	0.9634
47.2	0.9802	0.9828	0.8581	0.7712	0.9856	0.9839	0.9495	0.9588
47.3	0.9787	0.9774	0.8477	0.8555	0.9829	0.9827	0.9530	0.9594
47.4	0.9717	0.9731	0.8282	0.8531	0.9788	0.9820	0.9423	0.9585
47.5	0.9849	0.9882	0.9263	0.9234	0.9879	0.9899	0.9657	0.9740
47.6	0.9859	0.9903	0.9251	0.9153	0.9855	0.9853	0.9615	0.9676
47.7	0.9820	0.9900	0.8936	0.8806	0.9857	0.9838	0.9574	0.9652
47.8	0.9820	0.9848	0.8000	0.7314	0.9781	0.9760	0.9246	0.9521
47.9	0.9838	0.9850	0.7651	0.6968	0.9800	0.9786	0.9251	0.9499
48.0	0.9890	0.9883	0.8835	0.7723	0.9887	0.9916	0.9603	0.9750
48.1	0.9883	0.9893	0.8849	0.8216	0.9916	0.9931	0.9661	0.9818
48.2	0.9800	0.9849	0.8439	0.8247	0.9911	0.9879	0.9717	0.9757
48.3	0.9827	0.9838	0.9172	0.8730	0.9909	0.9878	0.9777	0.9817
48.4	0.9866	0.9788	0.8874	0.8465	0.9902	0.9887	0.9706	0.9815
48.5	0.9848	0.9724	0.8475	0.8305	0.9903	0.9906	0.9663	0.9772
48.6	0.9834	0.9780	0.8670	0.8722	0.9910	0.9916	0.9787	0.9821
48.7	0.9809	0.9796	0.9123	0.8721	0.9916	0.9909	0.9789	0.9843
48.8	0.9818	0.9842	0.9177	0.8472	0.9906	0.9900	0.9809	0.9834
48.9	0.9823	0.9776	0.8597	0.7586	0.9897	0.9920	0.9805	0.9816
49.0	0.9690	0.9628	0.7556	0.6253	0.9841	0.9884	0.9651	0.9720
49.1	0.9603	0.9543	0.7475	0.6803	0.9808	0.9871	0.9618	0.9664
49.2	0.9408	0.9339	0.6960	0.6131	0.9728	0.9797	0.9464	0.9458
49.3	0.9547	0.9560	0.8377	0.7311	0.9837	0.9861	0.9670	0.9699
49.4	0.9661	0.9574	0.7296	0.7884	0.9837	0.9863	0.9713	0.9609
49.5	0.9024	0.8298	0.2491	0.3371	0.9262	0.9487	0.8557	0.8175
49.6	0.8841	0.8194	0.2749	0.3480	0.9266	0.9497	0.8516	0.8226
49.7	0.8406	0.7502	0.1790	0.2841	0.9037	0.9342	0.8289	0.7535
49.8	0.8108	0.7348	0.2146	0.2144	0.8954	0.9272	0.8169	0.7068
49.9	0.9038	0.8647	0.4211	0.4254	0.9565	0.9681	0.9292	0.8668
50.0	0.9449	0.9384	0.7207	0.5946	0.9803	0.9840	0.9711	0.9409
50.1	0.9257	0.9092	0.5916	0.4657	0.9718	0.9755	0.9535	0.9204
50.2	0.9588	0.9457	0.7487	0.6709	0.9865	0.9881	0.9817	0.9600
50.3	0.9706	0.9612	0.8553	0.7488	0.9911	0.9921	0.9895	0.9775
50.4	0.9595	0.9448	0.8286	0.6555	0.9902	0.9924	0.9874	0.9764
50.5	0.9647	0.9402	0.8457	0.7463	0.9897	0.9919	0.9893	0.9835
50.6	0.9670	0.9393	0.9016	0.8018	0.9912	0.9930	0.9917	0.9861
50.7	0.9729	0.9576	0.9071	0.8236	0.9929	0.9935	0.9927	0.9882
50.8	0.9770	0.9641	0.9126	0.8226	0.9927	0.9930	0.9940	0.9890
50.9	0.9756	0.9562	0.8806	0.8474	0.9923	0.9929	0.9928	0.9878

51.0	0.9838	0.9736	0.9065	0.9109	0.9929	0.9932	0.9933	0.9905
51.1	0.9863	0.9771	0.9232	0.9109	0.9931	0.9935	0.9939	0.9904
51.2	0.9830	0.9820	0.9248	0.8895	0.9939	0.9948	0.9941	0.9904
51.3	0.9828	0.9834	0.9140	0.9109	0.9936	0.9946	0.9941	0.9880
51.4	0.9769	0.9636	0.8573	0.8080	0.9928	0.9938	0.9920	0.9848
51.5	0.9847	0.9683	0.8542	0.8363	0.9946	0.9951	0.9944	0.9896
51.6	0.9893	0.9861	0.9374	0.9488	0.9944	0.9952	0.9949	0.9938
51.7	0.9887	0.9854	0.9494	0.9482	0.9944	0.9948	0.9938	0.9935
51.8	0.9919	0.9889	0.9593	0.9583	0.9949	0.9952	0.9952	0.9938
51.9	0.9888	0.9897	0.9612	0.9554	0.9933	0.9941	0.9942	0.9927
52.0	0.9906	0.9895	0.9599	0.9615	0.9924	0.9927	0.9926	0.9923
52.1	0.9931	0.9918	0.9667	0.9726	0.9944	0.9945	0.9945	0.9938
52.2	0.9921	0.9900	0.9753	0.9739	0.9934	0.9940	0.9942	0.9926
52.3	0.9932	0.9906	0.9754	0.9689	0.9937	0.9941	0.9934	0.9939
52.4	0.9900	0.9883	0.9642	0.9603	0.9933	0.9933	0.9930	0.9932
52.5	0.9896	0.9891	0.9536	0.9675	0.9943	0.9942	0.9943	0.9936
52.6	0.9928	0.9918	0.9620	0.9694	0.9964	0.9963	0.9963	0.9957
52.7	0.9918	0.9905	0.9597	0.9396	0.9941	0.9941	0.9944	0.9941
52.8	0.9908	0.9914	0.9543	0.9461	0.9940	0.9946	0.9951	0.9937
52.9	0.9882	0.9906	0.9630	0.9542	0.9926	0.9931	0.9931	0.9926
53.0	0.9889	0.9896	0.9606	0.9567	0.9930	0.9934	0.9934	0.9935
53.1	0.9879	0.9879	0.9569	0.9510	0.9916	0.9920	0.9917	0.9924
53.2	0.9861	0.9874	0.9606	0.9451	0.9921	0.9925	0.9924	0.9929
53.3	0.9878	0.9886	0.9729	0.9449	0.9932	0.9938	0.9937	0.9937
53.4	0.9879	0.9879	0.9704	0.9326	0.9925	0.9930	0.9933	0.9928
53.5	0.9921	0.9908	0.9756	0.9372	0.9943	0.9944	0.9944	0.9941
53.6	0.9918	0.9914	0.9771	0.9411	0.9938	0.9940	0.9936	0.9939
53.7	0.9935	0.9932	0.9678	0.9518	0.9964	0.9966	0.9966	0.9965
53.8	0.9914	0.9918	0.9506	0.9237	0.9961	0.9966	0.9966	0.9965
53.9	0.9888	0.9890	0.9506	0.9391	0.9935	0.9950	0.9949	0.9938
54.0	0.9909	0.9909	0.9806	0.9717	0.9950	0.9959	0.9955	0.9956
54.1	0.9857	0.9864	0.9776	0.9632	0.9937	0.9944	0.9936	0.9939
54.2	0.9804	0.9769	0.9491	0.9030	0.9895	0.9918	0.9903	0.9907
54.3	0.9870	0.9839	0.9602	0.9440	0.9932	0.9951	0.9946	0.9937
54.4	0.9889	0.9901	0.9787	0.9698	0.9942	0.9949	0.9947	0.9935
54.5	0.9885	0.9889	0.9882	0.9807	0.9946	0.9945	0.9946	0.9933
54.6	0.9877	0.9900	0.9816	0.9724	0.9954	0.9956	0.9954	0.9935
54.7	0.9891	0.9907	0.9670	0.9539	0.9953	0.9955	0.9956	0.9947
54.8	0.9868	0.9860	0.9568	0.9277	0.9950	0.9954	0.9961	0.9943
54.9	0.9884	0.9884	0.9682	0.9597	0.9965	0.9965	0.9964	0.9952
55.0	0.9886	0.9891	0.9765	0.9719	0.9953	0.9953	0.9948	0.9950
55.1	0.9864	0.9904	0.9850	0.9827	0.9953	0.9961	0.9954	0.9958
55.2	0.9837	0.9889	0.9811	0.9805	0.9958	0.9960	0.9958	0.9959
55.3	0.9802	0.9855	0.9760	0.9681	0.9942	0.9946	0.9939	0.9944
55.4	0.9860	0.9843	0.9763	0.9698	0.9949	0.9956	0.9947	0.9954
55.5	0.9871	0.9823	0.9593	0.9614	0.9956	0.9959	0.9962	0.9952
55.6	0.9887	0.9873	0.9751	0.9642	0.9961	0.9964	0.9966	0.9956
55.7	0.9855	0.9889	0.9859	0.9596	0.9961	0.9966	0.9967	0.9959
55.8	0.9853	0.9863	0.9832	0.9625	0.9963	0.9966	0.9966	0.9964
55.9	0.9788	0.9848	0.9779	0.9587	0.9963	0.9969	0.9964	0.9963
56.0	0.9767	0.9821	0.9591	0.9155	0.9965	0.9971	0.9967	0.9962
56.1	0.9829	0.9765	0.9597	0.9244	0.9965	0.9973	0.9971	0.9964
56.2	0.9777	0.9767	0.9678	0.9439	0.9961	0.9970	0.9969	0.9956
56.3	0.9766	0.9762	0.9754	0.9379	0.9963	0.9968	0.9969	0.9957
56.4	0.9777	0.9805	0.9739	0.9272	0.9971	0.9974	0.9974	0.9970
56.5	0.9738	0.9806	0.9729	0.9284	0.9973	0.9976	0.9974	0.9972
56.6	0.9672	0.9750	0.9618	0.9094	0.9959	0.9962	0.9961	0.9956
56.7	0.9655	0.9737	0.9484	0.9209	0.9961	0.9963	0.9963	0.9962
56.8	0.9670	0.9708	0.9456	0.9119	0.9962	0.9971	0.9969	0.9960
56.9	0.9630	0.9630	0.9362	0.8732	0.9956	0.9966	0.9968	0.9955
57.0	0.9634	0.9626	0.9077	0.8366	0.9957	0.9966	0.9958	0.9955
57.1	0.9578	0.9633	0.8459	0.8188	0.9958	0.9962	0.9962	0.9953
57.2	0.9541	0.9591	0.8174	0.8400	0.9958	0.9964	0.9964	0.9960
57.3	0.9675	0.9652	0.9301	0.9243	0.9969	0.9977	0.9974	0.9968
57.4	0.9543	0.9663	0.9090	0.9051	0.9964	0.9974	0.9974	0.9960
57.5	0.9624	0.9785	0.9136	0.9338	0.9977	0.9977	0.9979	0.9976
57.6	0.9663	0.9758	0.9256	0.9387	0.9971	0.9971	0.9974	0.9969
57.7	0.9661	0.9759	0.9141	0.9219	0.9972	0.9974	0.9979	0.9963
57.8	0.9666	0.9656	0.8888	0.8974	0.9972	0.9975	0.9977	0.9963
57.9	0.9667	0.9589	0.8606	0.8736	0.9963	0.9962	0.9960	0.9957
58.0	0.9604	0.9630	0.8963	0.8853	0.9964	0.9965	0.9958	0.9959
58.1	0.9646	0.9647	0.8495	0.9217	0.9970	0.9969	0.9971	0.9969
58.2	0.9646	0.9537	0.7772	0.9275	0.9953	0.9951	0.9954	0.9948
58.3	0.9563	0.9531	0.7353	0.9149	0.9939	0.9949	0.9952	0.9929
58.4	0.9663	0.9704	0.8014	0.9382	0.9959	0.9967	0.9964	0.9956
58.5	0.9731	0.9728	0.7945	0.9395	0.9968	0.9973	0.9970	0.9970
58.6	0.9753	0.9759	0.8335	0.9451	0.9966	0.9967	0.9966	0.9967
58.7	0.9726	0.9676	0.8720	0.9395	0.9958	0.9962	0.9960	0.9961
58.8	0.9584	0.9593	0.7961	0.9216	0.9952	0.9962	0.9958	0.9954
58.9	0.9667	0.9674	0.8200	0.9515	0.9959	0.9970	0.9967	0.9955
59.0	0.9658	0.9531	0.8292	0.9268	0.9940	0.9946	0.9946	0.9937
59.1	0.9697	0.9548	0.8685	0.9429	0.9943	0.9953	0.9943	0.9950
59.2	0.9700	0.9729	0.8733	0.9452	0.9965	0.9965	0.9961	0.9970
59.3	0.9709	0.9724	0.8671	0.9592	0.9950	0.9956	0.9955	0.9952
59.4	0.9698	0.9742	0.9053	0.9716	0.9952	0.9961	0.9958	0.9953
59.5	0.9676	0.9717	0.9216	0.9690	0.9963	0.9967	0.9966	0.9957

59.6	0.9694	0.9694	0.9150	0.9676	0.9952	0.9956	0.9954	0.9944
59.7	0.9752	0.9793	0.9461	0.9676	0.9965	0.9969	0.9965	0.9967
59.8	0.9653	0.9651	0.9499	0.9699	0.9960	0.9963	0.9957	0.9963
59.9	0.2680	0.0395	0.2263	0.5722	0.9777	0.9760	0.9857	0.9631
60.0	0.1930	0.0293	0.1492	0.2939	0.9379	0.9351	0.9638	0.8996
60.1	0.1406	0.0991	0.1680	0.6134	0.9728	0.9728	0.9843	0.9594
60.2	0.9614	0.9499	0.9416	0.9730	0.9941	0.9951	0.9932	0.9942
60.3	0.9622	0.9628	0.9538	0.9743	0.9946	0.9950	0.9937	0.9947
60.4	0.9583	0.9711	0.9668	0.9779	0.9939	0.9948	0.9946	0.9944
60.5	0.9658	0.9780	0.9711	0.9818	0.9932	0.9944	0.9945	0.9934
60.6	0.9603	0.9767	0.9730	0.9776	0.9938	0.9946	0.9944	0.9936
60.7	0.9519	0.9784	0.9722	0.9810	0.9948	0.9951	0.9943	0.9949
60.8	0.9665	0.9713	0.9731	0.9808	0.9942	0.9947	0.9938	0.9942
60.9	0.9641	0.9603	0.9713	0.9777	0.9936	0.9942	0.9935	0.9933
61.0	0.9666	0.9661	0.9722	0.9799	0.9945	0.9948	0.9942	0.9941
61.1	0.9679	0.9806	0.9739	0.9820	0.9953	0.9960	0.9954	0.9950
61.2	0.9566	0.9721	0.9722	0.9755	0.9936	0.9944	0.9934	0.9935
61.3	0.9546	0.9642	0.9780	0.9776	0.9925	0.9931	0.9923	0.9932
61.4	0.9622	0.9637	0.9695	0.9762	0.9927	0.9928	0.9931	0.9922
61.5	0.9507	0.9615	0.9757	0.9798	0.9926	0.9929	0.9935	0.9922
61.6	0.9480	0.9697	0.9817	0.9805	0.9943	0.9950	0.9947	0.9938
61.7	0.9394	0.9619	0.9736	0.9804	0.9909	0.9927	0.9930	0.9895
61.8	0.9635	0.9774	0.9826	0.9867	0.9939	0.9948	0.9948	0.9932
61.9	0.9691	0.9804	0.9822	0.9846	0.9951	0.9956	0.9956	0.9954
62.0	0.9581	0.9707	0.9821	0.9803	0.9940	0.9946	0.9944	0.9932
62.1	0.9541	0.9700	0.9829	0.9810	0.9929	0.9935	0.9928	0.9899
62.2	0.9637	0.9751	0.9882	0.9860	0.9935	0.9941	0.9939	0.9918
62.3	0.9536	0.9722	0.9851	0.9827	0.9922	0.9927	0.9917	0.9925
62.4	0.9474	0.9722	0.9853	0.9854	0.9919	0.9926	0.9917	0.9931
62.5	0.9581	0.9713	0.9831	0.9876	0.9934	0.9941	0.9937	0.9941
62.6	0.9546	0.9673	0.9819	0.9868	0.9920	0.9928	0.9924	0.9916
62.7	0.9504	0.9740	0.9782	0.9844	0.9921	0.9928	0.9920	0.9915
62.8	0.9628	0.9755	0.9865	0.9855	0.9931	0.9945	0.9938	0.9926
62.9	0.9641	0.9710	0.9893	0.9852	0.9923	0.9929	0.9931	0.9904
63.0	0.9589	0.9714	0.9890	0.9855	0.9921	0.9930	0.9917	0.9913
63.1	0.9597	0.9705	0.9862	0.9873	0.9923	0.9931	0.9915	0.9922
63.2	0.9616	0.9729	0.9836	0.9869	0.9916	0.9928	0.9911	0.9912
63.3	0.9680	0.9746	0.9865	0.9850	0.9927	0.9937	0.9923	0.9928
63.4	0.9787	0.9815	0.9907	0.9907	0.9945	0.9951	0.9937	0.9943
63.5	0.9728	0.9755	0.9857	0.9881	0.9919	0.9927	0.9909	0.9931
63.6	0.9691	0.9705	0.9854	0.9874	0.9890	0.9898	0.9871	0.9910
63.7	0.9719	0.9703	0.9868	0.9895	0.9923	0.9926	0.9906	0.9929
63.8	0.9669	0.9760	0.9847	0.9869	0.9923	0.9924	0.9910	0.9915
63.9	0.9665	0.9761	0.9884	0.9863	0.9921	0.9924	0.9910	0.9923
64.0	0.9644	0.9737	0.9885	0.9889	0.9890	0.9902	0.9885	0.9903
64.1	0.9701	0.9731	0.9839	0.9834	0.9900	0.9911	0.9876	0.9922
64.2	0.9746	0.9787	0.9835	0.9808	0.9913	0.9925	0.9886	0.9935
64.3	0.9802	0.9786	0.9869	0.9870	0.9939	0.9945	0.9920	0.9945
64.4	0.9762	0.9661	0.9830	0.9847	0.9915	0.9921	0.9893	0.9930
64.5	0.9669	0.9573	0.9803	0.9847	0.9877	0.9892	0.9853	0.9894
64.6	0.9763	0.9706	0.9841	0.9849	0.9871	0.9876	0.9850	0.9882
64.7	0.9849	0.9752	0.9869	0.9858	0.9903	0.9907	0.9887	0.9924
64.8	0.9787	0.9777	0.9869	0.9847	0.9897	0.9908	0.9882	0.9919
64.9	0.9837	0.9781	0.9870	0.9877	0.9914	0.9926	0.9906	0.9934
65.0	0.9826	0.9827	0.9867	0.9870	0.9926	0.9935	0.9912	0.9948
65.1	0.9838	0.9843	0.9876	0.9876	0.9916	0.9924	0.9904	0.9929
65.2	0.9775	0.9770	0.9836	0.9809	0.9890	0.9898	0.9866	0.9906
65.3	0.9747	0.9682	0.9849	0.9823	0.9867	0.9875	0.9842	0.9898
65.4	0.9759	0.9684	0.9820	0.9791	0.9860	0.9867	0.9833	0.9886
65.5	0.9783	0.9748	0.9850	0.9827	0.9876	0.9879	0.9862	0.9885
65.6	0.9848	0.9823	0.9873	0.9871	0.9905	0.9913	0.9890	0.9922
65.7	0.9852	0.9755	0.9842	0.9810	0.9871	0.9882	0.9853	0.9894
65.8	0.9816	0.9733	0.9840	0.9818	0.9842	0.9860	0.9825	0.9881
65.9	0.9804	0.9774	0.9870	0.9837	0.9868	0.9876	0.9865	0.9889
66.0	0.9859	0.9797	0.9862	0.9860	0.9877	0.9881	0.9863	0.9898
66.1	0.9846	0.9755	0.9846	0.9878	0.9858	0.9871	0.9844	0.9884
66.2	0.9770	0.9726	0.9822	0.9817	0.9852	0.9862	0.9840	0.9879
66.3	0.9824	0.9803	0.9838	0.9855	0.9878	0.9890	0.9863	0.9907
66.4	0.9829	0.9770	0.9822	0.9819	0.9838	0.9850	0.9828	0.9864
66.5	0.9804	0.9712	0.9801	0.9795	0.9799	0.9814	0.9796	0.9836
66.6	0.9878	0.9745	0.9804	0.9811	0.9846	0.9856	0.9835	0.9871
66.7	0.9882	0.9773	0.9818	0.9838	0.9875	0.9885	0.9876	0.9885
66.8	0.9836	0.9804	0.9839	0.9831	0.9884	0.9886	0.9879	0.9887
66.9	0.9839	0.9799	0.9839	0.9838	0.9882	0.9889	0.9878	0.9908
67.0	0.9792	0.9800	0.9796	0.9874	0.9858	0.9867	0.9851	0.9893
67.1	0.9838	0.9766	0.9795	0.9843	0.9840	0.9854	0.9832	0.9870
67.2	0.9886	0.9791	0.9832	0.9834	0.9878	0.9891	0.9866	0.9895
67.3	0.9860	0.9813	0.9826	0.9853	0.9870	0.9876	0.9854	0.9889
67.4	0.9806	0.9796	0.9793	0.9841	0.9849	0.9857	0.9843	0.9861
67.5	0.9848	0.9826	0.9799	0.9845	0.9875	0.9881	0.9875	0.9881
67.6	0.9855	0.9796	0.9771	0.9850	0.9868	0.9876	0.9867	0.9873
67.7	0.9847	0.9839	0.9827	0.9891	0.9872	0.9880	0.9864	0.9890
67.8	0.9890	0.9839	0.9852	0.9891	0.9896	0.9898	0.9888	0.9907
67.9	0.9910	0.9849	0.9842	0.9898	0.9910	0.9911	0.9903	0.9917
68.0	0.9852	0.9791	0.9784	0.9885	0.9867	0.9872	0.9842	0.9888
68.1	0.9866	0.9821	0.9809	0.9892	0.9880	0.9887	0.9852	0.9903

68.2	0.9871	0.9867	0.9847	0.9884	0.9901	0.9916	0.9887	0.9922
68.3	0.9824	0.9792	0.9832	0.9873	0.9893	0.9905	0.9874	0.9911
68.4	0.9868	0.9842	0.9867	0.9894	0.9904	0.9905	0.9902	0.9915
68.5	0.9866	0.9850	0.9865	0.9881	0.9916	0.9912	0.9915	0.9927
68.6	0.9830	0.9831	0.9811	0.9847	0.9886	0.9887	0.9870	0.9901
68.7	0.9871	0.9863	0.9830	0.9881	0.9901	0.9903	0.9876	0.9917
68.8	0.9865	0.9853	0.9835	0.9861	0.9885	0.9888	0.9852	0.9906
68.9	0.9848	0.9856	0.9862	0.9880	0.9898	0.9900	0.9877	0.9911
69.0	0.9882	0.9882	0.9873	0.9914	0.9921	0.9915	0.9906	0.9927
69.1	0.9858	0.9864	0.9793	0.9878	0.9908	0.9912	0.9875	0.9920
69.2	0.9838	0.9820	0.9796	0.9872	0.9890	0.9905	0.9846	0.9903
69.3	0.9869	0.9838	0.9863	0.9890	0.9892	0.9906	0.9858	0.9909
69.4	0.9861	0.9853	0.9905	0.9923	0.9912	0.9914	0.9866	0.9928
69.5	0.9867	0.9850	0.9872	0.9887	0.9910	0.9912	0.9856	0.9930
69.6	0.9883	0.9827	0.9863	0.9893	0.9915	0.9922	0.9866	0.9922
69.7	0.9895	0.9815	0.9830	0.9895	0.9925	0.9937	0.9895	0.9929
69.8	0.9803	0.9800	0.9804	0.9851	0.9902	0.9911	0.9850	0.9915
69.9	0.9843	0.9795	0.9836	0.9859	0.9930	0.9924	0.9869	0.9930
70.0	0.9838	0.9818	0.9814	0.9848	0.9901	0.9913	0.9827	0.9925
70.1	0.9858	0.9881	0.9857	0.9889	0.9913	0.9928	0.9829	0.9947
70.2	0.9869	0.9895	0.9826	0.9880	0.9929	0.9938	0.9865	0.9939
70.3	0.9868	0.9860	0.9814	0.9857	0.9919	0.9921	0.9850	0.9923
70.4	0.9855	0.9813	0.9825	0.9830	0.9903	0.9893	0.9809	0.9912
70.5	0.9845	0.9839	0.9822	0.9789	0.9936	0.9932	0.9830	0.9932
70.6	0.9805	0.9793	0.9727	0.9801	0.9925	0.9906	0.9823	0.9926
70.7	0.9785	0.9702	0.9606	0.9789	0.9914	0.9893	0.9783	0.9910
70.8	0.9826	0.9789	0.9707	0.9812	0.9920	0.9914	0.9790	0.9918
70.9	0.9867	0.9837	0.9798	0.9830	0.9926	0.9940	0.9785	0.9942
71.0	0.9852	0.9780	0.9711	0.9808	0.9934	0.9928	0.9745	0.9922
71.1	0.9881	0.9869	0.9829	0.9888	0.9955	0.9952	0.9828	0.9947
71.2	0.9885	0.9825	0.9810	0.9866	0.9941	0.9951	0.9798	0.9935
71.3	0.9865	0.9796	0.9760	0.9829	0.9927	0.9947	0.9779	0.9911
71.4	0.9834	0.9775	0.9739	0.9812	0.9912	0.9932	0.9766	0.9911
71.5	0.9884	0.9799	0.9754	0.9844	0.9957	0.9951	0.9767	0.9938
71.6	0.9871	0.9850	0.9734	0.9853	0.9955	0.9946	0.9794	0.9932
71.7	0.9845	0.9794	0.9773	0.9819	0.9951	0.9931	0.9761	0.9916
71.8	0.9811	0.9719	0.9622	0.9746	0.9933	0.9919	0.9671	0.9885
71.9	0.9835	0.9641	0.9500	0.9712	0.9903	0.9918	0.9685	0.9924
72.0	0.9867	0.9644	0.9524	0.9741	0.9898	0.9919	0.9674	0.9912
72.1	0.9864	0.9778	0.9638	0.9829	0.9924	0.9931	0.9771	0.9917
72.2	0.9836	0.9759	0.9638	0.9804	0.9930	0.9946	0.9814	0.9927
72.3	0.9863	0.9767	0.9630	0.9748	0.9931	0.9932	0.9753	0.9904
72.4	0.9863	0.9771	0.9699	0.9753	0.9936	0.9936	0.9772	0.9906
72.5	0.9891	0.9814	0.9746	0.9824	0.9929	0.9946	0.9825	0.9931
72.6	0.9858	0.9749	0.9679	0.9810	0.9905	0.9925	0.9807	0.9885
72.7	0.9820	0.9633	0.9508	0.9652	0.9875	0.9898	0.9707	0.9843
72.8	0.9843	0.9655	0.9502	0.9720	0.9884	0.9918	0.9706	0.9872
72.9	0.9854	0.9693	0.9563	0.9762	0.9897	0.9891	0.9612	0.9880
73.0	0.9847	0.9767	0.9557	0.9748	0.9890	0.9906	0.9700	0.9901
73.1	0.9816	0.9695	0.9501	0.9688	0.9897	0.9897	0.9674	0.9864
73.2	0.9749	0.9652	0.9533	0.9670	0.9896	0.9901	0.9626	0.9834
73.3	0.9819	0.9699	0.9695	0.9749	0.9899	0.9903	0.9594	0.9846
73.4	0.9801	0.9689	0.9672	0.9714	0.9877	0.9859	0.9585	0.9826
73.5	0.9761	0.9656	0.9550	0.9674	0.9851	0.9888	0.9599	0.9823
73.6	0.9836	0.9703	0.9618	0.9771	0.9871	0.9905	0.9661	0.9875
73.7	0.9786	0.9625	0.9507	0.9726	0.9833	0.9825	0.9503	0.9871
73.8	0.9861	0.9754	0.9530	0.9714	0.9854	0.9872	0.9522	0.9864
73.9	0.9828	0.9674	0.9605	0.9712	0.9806	0.9830	0.9381	0.9810
74.0	0.9832	0.9627	0.9549	0.9691	0.9812	0.9838	0.9483	0.9884
74.1	0.9715	0.9528	0.9179	0.9585	0.9786	0.9749	0.9452	0.9834
74.2	0.9624	0.9492	0.9018	0.9475	0.9723	0.9742	0.9135	0.9773
74.3	0.9726	0.9566	0.9384	0.9617	0.9742	0.9830	0.9264	0.9839
74.4	0.9600	0.9227	0.9221	0.9458	0.9587	0.9684	0.8961	0.9719
74.5	0.9620	0.9228	0.9358	0.9554	0.9652	0.9670	0.8855	0.9703
74.6	0.9751	0.9441	0.9582	0.9718	0.9676	0.9731	0.9232	0.9763
74.7	0.9736	0.9445	0.9532	0.9668	0.9635	0.9724	0.9113	0.9814
74.8	0.9712	0.9421	0.9518	0.9630	0.9672	0.9719	0.9013	0.9787
74.9	0.9588	0.9309	0.9438	0.9636	0.9540	0.9703	0.8910	0.9740
75.0	0.9561	0.9134	0.9392	0.9635	0.9483	0.9678	0.8847	0.9732
75.1	0.9636	0.9177	0.9381	0.9595	0.9630	0.9633	0.8857	0.9771
75.2	0.9708	0.9062	0.9345	0.9647	0.9643	0.9638	0.8846	0.9796
75.3	0.9660	0.8790	0.9400	0.9601	0.9578	0.9560	0.8732	0.9760
75.4	0.9574	0.8520	0.9421	0.9516	0.9337	0.9486	0.8155	0.9728
75.5	0.9587	0.8564	0.9470	0.9571	0.9189	0.9451	0.8342	0.9706
75.6	0.9597	0.8414	0.9473	0.9524	0.9231	0.9056	0.8263	0.9673
75.7	0.9587	0.8130	0.9508	0.9575	0.9154	0.9186	0.8444	0.9655
75.8	0.9530	0.8027	0.9409	0.9597	0.9304	0.9410	0.8758	0.9683
75.9	0.9486	0.7328	0.9301	0.9582	0.9214	0.9087	0.8720	0.9621
76.0	0.9557	0.7035	0.9376	0.9657	0.9251	0.9048	0.8789	0.9689
76.1	0.9469	0.6881	0.9304	0.9665	0.8925	0.8799	0.8544	0.9547
76.2	0.9334	0.5759	0.9174	0.9585	0.8625	0.8761	0.8470	0.9568
76.3	0.9497	0.5081	0.9449	0.9694	0.8808	0.8871	0.8955	0.9752
76.4	0.9425	0.5489	0.9182	0.9719	0.8471	0.8961	0.9083	0.9655
76.5	0.8827	0.3762	0.8950	0.9628	0.8164	0.8462	0.9020	0.9456
76.6	0.9101	0.3105	0.8900	0.9623	0.7864	0.8107	0.9037	0.9598
76.7	0.9150	0.2686	0.9097	0.9685	0.8204	0.8039	0.9174	0.9600

76.8	0.8992	0.2437	0.9177	0.9698	0.8081	0.7795	0.9118	0.9606
76.9	0.8699	0.1525	0.9165	0.9632	0.7835	0.7157	0.8863	0.9528
77.0	0.8739	0.2639	0.9191	0.9691	0.8361	0.7334	0.9067	0.9510
77.1	0.8638	0.2533	0.9061	0.9738	0.8285	0.7135	0.9077	0.9583
77.2	0.8501	0.3594	0.8903	0.9748	0.8065	0.7054	0.8777	0.9590
77.3	0.8587	0.5281	0.9314	0.9759	0.8491	0.7279	0.9054	0.9736
77.4	0.8252	0.5955	0.9361	0.9771	0.8308	0.6585	0.8938	0.9605
77.5	0.8133	0.6142	0.9200	0.9718	0.8014	0.6214	0.8778	0.9492
77.6	0.8168	0.7373	0.9192	0.9620	0.8176	0.6557	0.9060	0.9372
77.7	0.6895	0.7130	0.8939	0.9599	0.8138	0.6302	0.8976	0.9093
77.8	0.7618	0.7407	0.9123	0.9786	0.8356	0.6647	0.9209	0.9311
77.9	0.8003	0.8316	0.9196	0.9721	0.8292	0.6607	0.9082	0.9435
78.0	0.7739	0.8324	0.9124	0.9675	0.8148	0.7106	0.9234	0.9255
78.1	0.8015	0.8503	0.9191	0.9626	0.8229	0.6862	0.9260	0.9229
78.2	0.8106	0.8758	0.9304	0.9662	0.8086	0.6909	0.9401	0.9155
78.3	0.8482	0.8994	0.9431	0.9686	0.8533	0.7654	0.9499	0.9203
78.4	0.8662	0.8882	0.9373	0.9694	0.8795	0.8310	0.9564	0.9191
78.5	0.7881	0.8386	0.8998	0.9597	0.8545	0.7663	0.9357	0.9037
78.6	0.8260	0.8571	0.8995	0.9661	0.8913	0.8102	0.9440	0.9140
78.7	0.8514	0.9062	0.9148	0.9675	0.9012	0.8249	0.9518	0.9195
78.8	0.8619	0.9226	0.9043	0.9648	0.8847	0.8276	0.9577	0.8867
78.9	0.8654	0.9525	0.9020	0.9446	0.8977	0.8678	0.9513	0.8101
79.0	0.9017	0.9408	0.9275	0.8809	0.8840	0.8691	0.9526	0.7017
79.1	0.9173	0.9402	0.9550	0.9270	0.8952	0.8805	0.9705	0.8564
79.2	0.9243	0.9521	0.9663	0.9524	0.9146	0.8922	0.9799	0.9199
79.3	0.9065	0.9373	0.9468	0.9461	0.8929	0.8848	0.9752	0.9000
79.4	0.9210	0.9259	0.9429	0.9452	0.8964	0.9002	0.9745	0.9065
79.5	0.9224	0.9425	0.9373	0.9545	0.9223	0.9098	0.9776	0.9319
79.6	0.9344	0.9603	0.9543	0.9652	0.9499	0.9401	0.9811	0.9528
79.7	0.9473	0.9582	0.9579	0.9598	0.9347	0.9440	0.9804	0.9437
79.8	0.9423	0.9543	0.9539	0.9556	0.9313	0.9194	0.9791	0.9337
79.9	0.9316	0.9519	0.9553	0.9551	0.9328	0.9191	0.9753	0.9398
80.0	0.9529	0.9614	0.9660	0.9600	0.9604	0.9511	0.9833	0.9469

1.2.10 Run 3 – IP315 – SF and shaft bending gauges

In-plane shaking at 315°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.9984	0.9995	0.9996	0.9993	0.9966	0.9932	0.9990	0.9975
0.1	0.9888	0.9978	0.9979	0.9964	0.9596	0.9539	0.9895	0.9682
0.2	0.8419	0.8521	0.7645	0.8430	0.8428	0.9167	0.7061	0.7935
0.3	0.9662	0.9703	0.9546	0.9742	0.9731	0.9888	0.9418	0.9685
0.4	0.9876	0.9912	0.9878	0.9904	0.9922	0.9960	0.9830	0.9883
0.5	0.9965	0.9965	0.9964	0.9972	0.9978	0.9988	0.9952	0.9965
0.6	0.9993	0.9993	0.9991	0.9993	0.9993	0.9997	0.9984	0.9989
0.7	0.9997	0.9998	0.9997	0.9997	0.9997	0.9998	0.9993	0.9996
0.8	0.9996	0.9997	0.9998	0.9998	0.9996	0.9998	0.9991	0.9995
0.9	0.9993	0.9996	0.9997	0.9996	0.9993	0.9997	0.9980	0.9990
1.0	0.9980	0.9992	0.9989	0.9992	0.9992	0.9996	0.9980	0.9987
1.1	0.9865	0.9965	0.9941	0.9947	0.9968	0.9985	0.9931	0.9953
1.2	0.9910	0.9981	0.9972	0.9970	0.9990	0.9997	0.9983	0.9991
1.3	0.9940	0.9981	0.9985	0.9985	0.9997	0.9999	0.9996	0.9997
1.4	0.9938	0.9923	0.9980	0.9981	0.9998	0.9999	0.9997	0.9998
1.5	0.9877	0.9868	0.9952	0.9954	0.9997	1.0000	0.9997	0.9999
1.6	0.9899	0.9878	0.9937	0.9943	0.9996	1.0000	0.9996	0.9999
1.7	0.9618	0.9558	0.9693	0.9711	0.9982	0.9999	0.9984	0.9997
1.8	0.9372	0.9339	0.9498	0.9527	0.9973	0.9999	0.9976	0.9997
1.9	0.8789	0.8692	0.9022	0.9087	0.9961	0.9999	0.9970	0.9996
2.0	0.8854	0.8720	0.9119	0.9197	0.9976	0.9996	0.9982	0.9993
2.1	0.9140	0.9048	0.9429	0.9497	0.9989	0.9989	0.9992	0.9983
2.2	0.8981	0.8699	0.9365	0.9461	0.9984	0.9942	0.9991	0.9918
2.3	0.7569	0.6259	0.8698	0.8884	0.9874	0.9120	0.9976	0.8795
2.4	0.9161	0.9720	0.9755	0.9776	0.9991	0.9847	0.9994	0.9748
2.5	0.9733	0.9911	0.9913	0.9925	0.9998	0.9990	0.9998	0.9983
2.6	0.9861	0.9946	0.9951	0.9958	0.9999	0.9998	0.9999	0.9996
2.7	0.9921	0.9968	0.9971	0.9975	0.9999	0.9999	0.9999	0.9998
2.8	0.9936	0.9976	0.9977	0.9980	0.9999	0.9999	0.9999	0.9999
2.9	0.9926	0.9971	0.9972	0.9977	0.9999	0.9999	0.9999	0.9999
3.0	0.9914	0.9965	0.9968	0.9973	0.9999	1.0000	0.9998	0.9999
3.1	0.9927	0.9974	0.9974	0.9977	0.9999	1.0000	0.9998	0.9999
3.2	0.9949	0.9982	0.9982	0.9984	0.9999	1.0000	0.9999	0.9999
3.3	0.9962	0.9987	0.9986	0.9988	0.9999	1.0000	0.9999	0.9999
3.4	0.9949	0.9982	0.9982	0.9985	0.9999	1.0000	0.9999	0.9999
3.5	0.9953	0.9983	0.9983	0.9985	0.9999	1.0000	0.9999	0.9999
3.6	0.9931	0.9978	0.9976	0.9979	0.9999	1.0000	0.9999	0.9999
3.7	0.9934	0.9977	0.9975	0.9978	0.9999	1.0000	0.9999	0.9999
3.8	0.9962	0.9986	0.9986	0.9987	0.9999	1.0000	0.9999	0.9999
3.9	0.9974	0.9991	0.9990	0.9992	0.9999	1.0000	0.9999	0.9999
4.0	0.9980	0.9992	0.9992	0.9993	0.9999	1.0000	0.9999	0.9999
4.1	0.9975	0.9992	0.9991	0.9993	0.9999	1.0000	0.9999	0.9999
4.2	0.9958	0.9988	0.9987	0.9989	0.9999	1.0000	0.9998	0.9999
4.3	0.9959	0.9984	0.9986	0.9987	0.9998	0.9999	0.9998	0.9999
4.4	0.9977	0.9990	0.9991	0.9993	0.9999	1.0000	0.9999	0.9999
4.5	0.9987	0.9993	0.9995	0.9996	0.9999	1.0000	0.9999	0.9999
4.6	0.9988	0.9993	0.9996	0.9997	0.9999	1.0000	0.9999	0.9999
4.7	0.9988	0.9988	0.9995	0.9996	0.9999	0.9999	0.9998	0.9999
4.8	0.9989	0.9989	0.9997	0.9997	0.9999	0.9999	0.9998	0.9998
4.9	0.9987	0.9991	0.9997	0.9997	0.9999	0.9999	0.9998	0.9998
5.0	0.9987	0.9989	0.9997	0.9997	0.9999	0.9999	0.9998	0.9998
5.1	0.9986	0.9986	0.9996	0.9996	0.9999	0.9999	0.9998	0.9998
5.2	0.9983	0.9986	0.9995	0.9995	0.9999	0.9999	0.9998	0.9998
5.3	0.9981	0.9986	0.9994	0.9994	0.9998	0.9999	0.9998	0.9998
5.4	0.9981	0.9987	0.9994	0.9993	0.9998	0.9999	0.9998	0.9999
5.5	0.9985	0.9988	0.9995	0.9995	0.9999	1.0000	0.9998	0.9999
5.6	0.9984	0.9989	0.9994	0.9994	0.9999	0.9999	0.9998	0.9998
5.7	0.9978	0.9984	0.9991	0.9991	0.9998	0.9999	0.9998	0.9998
5.8	0.9983	0.9985	0.9993	0.9993	0.9999	0.9999	0.9998	0.9998
5.9	0.9982	0.9985	0.9993	0.9993	0.9998	0.9999	0.9998	0.9998
6.0	0.9969	0.9984	0.9991	0.9991	0.9998	0.9999	0.9997	0.9997
6.1	0.9973	0.9985	0.9993	0.9992	0.9998	0.9999	0.9997	0.9998
6.2	0.9967	0.9984	0.9992	0.9992	0.9998	0.9999	0.9997	0.9997
6.3	0.9966	0.9984	0.9990	0.9991	0.9998	0.9998	0.9996	0.9996
6.4	0.9970	0.9984	0.9993	0.9991	0.9998	0.9999	0.9997	0.9997
6.5	0.9974	0.9982	0.9993	0.9992	0.9998	0.9999	0.9998	0.9997
6.6	0.9972	0.9984	0.9993	0.9993	0.9998	0.9998	0.9997	0.9996
6.7	0.9974	0.9985	0.9995	0.9995	0.9998	0.9998	0.9998	0.9997
6.8	0.9973	0.9985	0.9995	0.9995	0.9998	0.9998	0.9998	0.9996
6.9	0.9963	0.9981	0.9993	0.9993	0.9998	0.9996	0.9997	0.9993
7.0	0.9960	0.9983	0.9987	0.9993	0.9998	0.9993	0.9998	0.9988
7.1	0.9925	0.9979	0.9954	0.9990	0.9995	0.9979	0.9997	0.9965
7.2	0.9960	0.9979	0.9975	0.9992	0.9996	0.9986	0.9997	0.9976
7.3	0.9977	0.9983	0.9990	0.9995	0.9998	0.9996	0.9997	0.9992
7.4	0.9981	0.9979	0.9990	0.9992	0.9998	0.9991	0.9998	0.9983
7.5	0.9986	0.9986	0.9996	0.9995	0.9999	0.9995	0.9998	0.9989
7.6	0.9982	0.9987	0.9997	0.9995	0.9998	0.9996	0.9997	0.9992
7.7	0.9982	0.9990	0.9997	0.9996	0.9998	0.9997	0.9997	0.9995
7.8	0.9984	0.9989	0.9997	0.9997	0.9998	0.9997	0.9997	0.9994
7.9	0.9984	0.9989	0.9998	0.9998	0.9998	0.9999	0.9998	0.9997

8.0	0.9982	0.9987	0.9997	0.9997	0.9997	0.9998	0.9996	0.9995
8.1	0.9984	0.9990	0.9998	0.9997	0.9997	0.9998	0.9995	0.9995
8.2	0.9981	0.9990	0.9997	0.9996	0.9996	0.9997	0.9995	0.9994
8.3	0.9985	0.9990	0.9998	0.9996	0.9997	0.9997	0.9996	0.9994
8.4	0.9987	0.9991	0.9998	0.9997	0.9997	0.9998	0.9996	0.9995
8.5	0.9989	0.9992	0.9997	0.9998	0.9997	0.9998	0.9997	0.9996
8.6	0.9986	0.9993	0.9997	0.9998	0.9998	0.9998	0.9997	0.9995
8.7	0.9987	0.9991	0.9997	0.9998	0.9997	0.9996	0.9996	0.9993
8.8	0.9987	0.9991	0.9997	0.9997	0.9997	0.9994	0.9996	0.9989
8.9	0.9987	0.9993	0.9995	0.9996	0.9996	0.9992	0.9996	0.9986
9.0	0.9989	0.9994	0.9994	0.9995	0.9996	0.9984	0.9996	0.9975
9.1	0.9989	0.9993	0.9996	0.9997	0.9997	0.9987	0.9996	0.9979
9.2	0.9979	0.9987	0.9987	0.9991	0.9995	0.9950	0.9992	0.9918
9.3	0.9980	0.9989	0.9987	0.9985	0.9993	0.9911	0.9995	0.9854
9.4	0.9989	0.9994	0.9994	0.9991	0.9995	0.9925	0.9996	0.9869
9.5	0.9989	0.9991	0.9995	0.9992	0.9994	0.9937	0.9994	0.9881
9.6	0.9988	0.9988	0.9994	0.9994	0.9994	0.9958	0.9993	0.9910
9.7	0.9987	0.9983	0.9992	0.9993	0.9992	0.9973	0.9990	0.9941
9.8	0.9983	0.9979	0.9992	0.9994	0.9989	0.9986	0.9988	0.9969
9.9	0.9977	0.9967	0.9990	0.9992	0.9984	0.9979	0.9986	0.9958
10.0	0.9972	0.9949	0.9987	0.9989	0.9974	0.9978	0.9977	0.9959
10.1	0.9973	0.9931	0.9980	0.9987	0.9963	0.9980	0.9970	0.9965
10.2	0.9971	0.9919	0.9981	0.9983	0.9960	0.9986	0.9967	0.9978
10.3	0.9983	0.9960	0.9988	0.9989	0.9979	0.9995	0.9979	0.9991
10.4	0.9989	0.9973	0.9991	0.9992	0.9986	0.9997	0.9985	0.9994
10.5	0.9994	0.9985	0.9995	0.9995	0.9992	0.9998	0.9992	0.9996
10.6	0.9992	0.9984	0.9994	0.9994	0.9991	0.9997	0.9990	0.9994
10.7	0.9991	0.9987	0.9995	0.9994	0.9993	0.9998	0.9993	0.9996
10.8	0.9990	0.9989	0.9995	0.9995	0.9994	0.9998	0.9992	0.9995
10.9	0.9990	0.9993	0.9995	0.9996	0.9995	0.9996	0.9994	0.9993
11.0	0.9989	0.9993	0.9995	0.9995	0.9995	0.9996	0.9994	0.9992
11.1	0.9993	0.9993	0.9996	0.9996	0.9995	0.9996	0.9994	0.9993
11.2	0.9991	0.9994	0.9995	0.9995	0.9994	0.9996	0.9993	0.9992
11.3	0.9991	0.9992	0.9994	0.9995	0.9993	0.9996	0.9993	0.9993
11.4	0.9992	0.9992	0.9994	0.9994	0.9994	0.9996	0.9992	0.9993
11.5	0.9991	0.9992	0.9994	0.9994	0.9993	0.9995	0.9991	0.9991
11.6	0.9991	0.9990	0.9994	0.9994	0.9992	0.9993	0.9990	0.9987
11.7	0.9991	0.9989	0.9992	0.9993	0.9991	0.9992	0.9988	0.9985
11.8	0.9992	0.9993	0.9993	0.9995	0.9993	0.9993	0.9991	0.9988
11.9	0.9993	0.9991	0.9994	0.9994	0.9991	0.9989	0.9987	0.9981
12.0	0.9992	0.9991	0.9994	0.9994	0.9993	0.9992	0.9991	0.9987
12.1	0.9994	0.9994	0.9995	0.9995	0.9996	0.9995	0.9994	0.9992
12.2	0.9993	0.9994	0.9996	0.9995	0.9994	0.9993	0.9992	0.9988
12.3	0.9990	0.9992	0.9994	0.9992	0.9991	0.9991	0.9989	0.9986
12.4	0.9989	0.9988	0.9991	0.9991	0.9990	0.9992	0.9988	0.9987
12.5	0.9992	0.9991	0.9993	0.9993	0.9993	0.9993	0.9991	0.9989
12.6	0.9992	0.9991	0.9992	0.9993	0.9993	0.9993	0.9991	0.9989
12.7	0.9990	0.9990	0.9991	0.9991	0.9991	0.9992	0.9989	0.9987
12.8	0.9992	0.9991	0.9993	0.9993	0.9992	0.9993	0.9991	0.9988
12.9	0.9993	0.9993	0.9994	0.9994	0.9992	0.9991	0.9989	0.9985
13.0	0.9993	0.9993	0.9994	0.9993	0.9991	0.9989	0.9988	0.9983
13.1	0.9994	0.9995	0.9996	0.9995	0.9994	0.9991	0.9992	0.9986
13.2	0.9990	0.9993	0.9993	0.9992	0.9991	0.9991	0.9990	0.9986
13.3	0.9989	0.9989	0.9990	0.9990	0.9988	0.9988	0.9987	0.9982
13.4	0.9990	0.9990	0.9991	0.9992	0.9989	0.9990	0.9988	0.9984
13.5	0.9989	0.9990	0.9991	0.9991	0.9987	0.9987	0.9986	0.9980
13.6	0.9988	0.9984	0.9986	0.9987	0.9985	0.9984	0.9983	0.9976
13.7	0.9986	0.9982	0.9984	0.9985	0.9985	0.9986	0.9982	0.9980
13.8	0.9986	0.9986	0.9987	0.9987	0.9987	0.9990	0.9985	0.9986
13.9	0.9987	0.9986	0.9987	0.9987	0.9987	0.9989	0.9986	0.9984
14.0	0.9982	0.9981	0.9982	0.9983	0.9983	0.9985	0.9981	0.9977
14.1	0.9982	0.9981	0.9982	0.9983	0.9983	0.9984	0.9982	0.9977
14.2	0.9982	0.9981	0.9983	0.9983	0.9982	0.9975	0.9980	0.9964
14.3	0.9978	0.9979	0.9980	0.9979	0.9979	0.9973	0.9976	0.9962
14.4	0.9976	0.9976	0.9977	0.9976	0.9977	0.9973	0.9974	0.9962
14.5	0.9964	0.9964	0.9965	0.9966	0.9967	0.9966	0.9965	0.9953
14.6	0.9968	0.9966	0.9967	0.9969	0.9968	0.9969	0.9966	0.9955
14.7	0.9972	0.9968	0.9970	0.9972	0.9971	0.9971	0.9970	0.9957
14.8	0.9977	0.9973	0.9975	0.9976	0.9974	0.9964	0.9971	0.9950
14.9	0.9982	0.9981	0.9983	0.9982	0.9981	0.9970	0.9978	0.9958
15.0	0.9936	0.9940	0.9942	0.9942	0.9941	0.9954	0.9939	0.9945
15.1	0.9927	0.9920	0.9926	0.9927	0.9931	0.9951	0.9931	0.9942
15.2	0.9909	0.9905	0.9909	0.9910	0.9914	0.9937	0.9913	0.9921
15.3	0.9912	0.9912	0.9913	0.9915	0.9912	0.9942	0.9913	0.9928
15.4	0.9896	0.9891	0.9896	0.9895	0.9890	0.9943	0.9896	0.9923
15.5	0.9761	0.9763	0.9766	0.9765	0.9757	0.9880	0.9765	0.9857
15.6	0.9792	0.9794	0.9795	0.9797	0.9785	0.9910	0.9799	0.9874
15.7	0.9561	0.9561	0.9564	0.9568	0.9542	0.9865	0.9573	0.9826
15.8	0.9417	0.9418	0.9415	0.9422	0.9383	0.9843	0.9423	0.9783
15.9	0.9537	0.9533	0.9533	0.9537	0.9509	0.9895	0.9539	0.9832
16.0	0.9671	0.9670	0.9666	0.9672	0.9638	0.9914	0.9669	0.9841
16.1	0.9824	0.9824	0.9822	0.9824	0.9809	0.9894	0.9830	0.9854
16.2	0.9885	0.9885	0.9883	0.9884	0.9873	0.9886	0.9887	0.9863
16.3	0.9874	0.9874	0.9871	0.9873	0.9835	0.9844	0.9872	0.9810
16.4	0.9928	0.9930	0.9928	0.9928	0.9893	0.9811	0.9926	0.9789
16.5	0.9946	0.9948	0.9945	0.9945	0.9879	0.9768	0.9941	0.9740

16.6	0.9941	0.9941	0.9940	0.9939	0.9876	0.9760	0.9936	0.9737
16.7	0.9928	0.9925	0.9925	0.9924	0.9855	0.9646	0.9915	0.9618
16.8	0.9860	0.9857	0.9852	0.9854	0.9675	0.9609	0.9804	0.9576
16.9	0.9863	0.9864	0.9854	0.9855	0.9561	0.9625	0.9796	0.9591
17.0	0.9937	0.9938	0.9935	0.9930	0.9664	0.9696	0.9889	0.9665
17.1	0.9915	0.9913	0.9912	0.9900	0.9743	0.9807	0.9844	0.9796
17.2	0.9901	0.9905	0.9903	0.9896	0.9792	0.9763	0.9871	0.9749
17.3	0.9927	0.9933	0.9929	0.9927	0.9831	0.9819	0.9918	0.9807
17.4	0.9956	0.9961	0.9959	0.9960	0.9910	0.9880	0.9963	0.9872
17.5	0.9971	0.9973	0.9972	0.9973	0.9922	0.9913	0.9973	0.9906
17.6	0.9975	0.9975	0.9975	0.9976	0.9924	0.9891	0.9971	0.9883
17.7	0.9978	0.9977	0.9978	0.9978	0.9930	0.9898	0.9978	0.9890
17.8	0.9992	0.9991	0.9992	0.9992	0.9971	0.9950	0.9989	0.9946
17.9	0.9988	0.9987	0.9988	0.9988	0.9975	0.9943	0.9986	0.9940
18.0	0.9985	0.9984	0.9984	0.9984	0.9973	0.9925	0.9981	0.9921
18.1	0.9987	0.9986	0.9986	0.9986	0.9983	0.9940	0.9985	0.9939
18.2	0.9990	0.9990	0.9990	0.9990	0.9986	0.9956	0.9989	0.9954
18.3	0.9985	0.9985	0.9985	0.9985	0.9982	0.9951	0.9983	0.9950
18.4	0.9987	0.9986	0.9986	0.9987	0.9985	0.9951	0.9986	0.9950
18.5	0.9989	0.9989	0.9990	0.9989	0.9987	0.9950	0.9992	0.9947
18.6	0.9993	0.9994	0.9994	0.9993	0.9988	0.9968	0.9993	0.9965
18.7	0.9990	0.9991	0.9990	0.9990	0.9977	0.9961	0.9984	0.9960
18.8	0.9992	0.9993	0.9992	0.9993	0.9986	0.9975	0.9989	0.9974
18.9	0.9987	0.9987	0.9986	0.9987	0.9975	0.9968	0.9981	0.9970
19.0	0.9991	0.9992	0.9991	0.9991	0.9985	0.9974	0.9988	0.9975
19.1	0.9991	0.9991	0.9989	0.9990	0.9980	0.9976	0.9985	0.9978
19.2	0.9987	0.9985	0.9985	0.9985	0.9974	0.9970	0.9980	0.9974
19.3	0.9991	0.9991	0.9990	0.9991	0.9987	0.9978	0.9989	0.9980
19.4	0.9991	0.9992	0.9991	0.9992	0.9987	0.9980	0.9990	0.9981
19.5	0.9988	0.9989	0.9988	0.9989	0.9985	0.9976	0.9989	0.9978
19.6	0.9988	0.9989	0.9990	0.9990	0.9990	0.9981	0.9993	0.9982
19.7	0.9986	0.9987	0.9987	0.9988	0.9990	0.9980	0.9992	0.9981
19.8	0.9990	0.9990	0.9991	0.9991	0.9993	0.9984	0.9995	0.9984
19.9	0.9989	0.9988	0.9988	0.9990	0.9991	0.9976	0.9993	0.9977
20.0	0.9985	0.9987	0.9987	0.9988	0.9983	0.9974	0.9988	0.9975
20.1	0.9985	0.9986	0.9985	0.9987	0.9984	0.9977	0.9989	0.9978
20.2	0.9988	0.9990	0.9990	0.9990	0.9987	0.9986	0.9992	0.9987
20.3	0.9982	0.9983	0.9983	0.9985	0.9986	0.9977	0.9989	0.9980
20.4	0.9986	0.9985	0.9986	0.9988	0.9986	0.9981	0.9991	0.9984
20.5	0.9986	0.9985	0.9986	0.9989	0.9983	0.9979	0.9991	0.9981
20.6	0.9981	0.9980	0.9980	0.9985	0.9982	0.9973	0.9989	0.9974
20.7	0.9979	0.9977	0.9980	0.9983	0.9982	0.9974	0.9990	0.9975
20.8	0.9978	0.9977	0.9979	0.9982	0.9988	0.9977	0.9993	0.9978
20.9	0.9961	0.9954	0.9963	0.9969	0.9982	0.9977	0.9990	0.9980
21.0	0.9938	0.9931	0.9943	0.9950	0.9982	0.9967	0.9990	0.9970
21.1	0.9936	0.9929	0.9940	0.9947	0.9985	0.9972	0.9992	0.9973
21.2	0.9927	0.9910	0.9931	0.9936	0.9983	0.9975	0.9991	0.9977
21.3	0.9915	0.9893	0.9919	0.9927	0.9984	0.9975	0.9992	0.9976
21.4	0.9911	0.9890	0.9915	0.9927	0.9988	0.9976	0.9992	0.9977
21.5	0.9919	0.9903	0.9924	0.9935	0.9986	0.9970	0.9990	0.9970
21.6	0.9935	0.9916	0.9938	0.9944	0.9985	0.9979	0.9991	0.9980
21.7	0.9920	0.9894	0.9927	0.9932	0.9985	0.9981	0.9990	0.9983
21.8	0.9918	0.9896	0.9925	0.9932	0.9982	0.9971	0.9988	0.9974
21.9	0.9912	0.9883	0.9921	0.9928	0.9983	0.9971	0.9989	0.9974
22.0	0.9921	0.9900	0.9931	0.9934	0.9983	0.9965	0.9989	0.9968
22.1	0.9924	0.9900	0.9930	0.9939	0.9981	0.9963	0.9990	0.9966
22.2	0.9928	0.9902	0.9937	0.9946	0.9985	0.9974	0.9993	0.9977
22.3	0.9917	0.9884	0.9931	0.9935	0.9983	0.9969	0.9989	0.9974
22.4	0.9912	0.9878	0.9922	0.9927	0.9980	0.9976	0.9989	0.9980
22.5	0.9913	0.9885	0.9925	0.9930	0.9983	0.9972	0.9992	0.9976
22.6	0.9903	0.9859	0.9913	0.9919	0.9982	0.9969	0.9989	0.9972
22.7	0.9902	0.9856	0.9915	0.9916	0.9982	0.9977	0.9992	0.9979
22.8	0.9899	0.9881	0.9918	0.9921	0.9980	0.9972	0.9991	0.9976
22.9	0.9863	0.9837	0.9890	0.9894	0.9975	0.9955	0.9985	0.9962
23.0	0.9869	0.9836	0.9899	0.9894	0.9968	0.9948	0.9982	0.9956
23.1	0.9853	0.9843	0.9888	0.9889	0.9969	0.9966	0.9986	0.9971
23.2	0.9822	0.9842	0.9869	0.9873	0.9974	0.9968	0.9985	0.9973
23.3	0.9763	0.9765	0.9821	0.9821	0.9973	0.9965	0.9985	0.9970
23.4	0.9685	0.9675	0.9748	0.9774	0.9974	0.9974	0.9988	0.9979
23.5	0.9701	0.9691	0.9785	0.9792	0.9980	0.9974	0.9989	0.9979
23.6	0.9594	0.9566	0.9723	0.9730	0.9975	0.9964	0.9986	0.9971
23.7	0.9445	0.9394	0.9669	0.9678	0.9973	0.9963	0.9987	0.9972
23.8	0.9645	0.9580	0.9800	0.9799	0.9979	0.9966	0.9989	0.9975
23.9	0.9558	0.9573	0.9810	0.9820	0.9979	0.9974	0.9991	0.9981
24.0	0.9767	0.9744	0.9882	0.9882	0.9980	0.9971	0.9991	0.9979
24.1	0.9755	0.9705	0.9866	0.9867	0.9979	0.9966	0.9989	0.9975
24.2	0.9791	0.9752	0.9892	0.9884	0.9969	0.9955	0.9984	0.9967
24.3	0.9830	0.9800	0.9910	0.9887	0.9966	0.9949	0.9985	0.9964
24.4	0.9857	0.9833	0.9922	0.9906	0.9975	0.9961	0.9987	0.9970
24.5	0.9830	0.9807	0.9902	0.9883	0.9971	0.9956	0.9984	0.9968
24.6	0.9841	0.9817	0.9905	0.9891	0.9975	0.9963	0.9988	0.9973
24.7	0.9862	0.9855	0.9916	0.9906	0.9976	0.9965	0.9990	0.9973
24.8	0.9860	0.9864	0.9913	0.9889	0.9979	0.9965	0.9992	0.9973
24.9	0.9787	0.9829	0.9863	0.9858	0.9966	0.9943	0.9986	0.9960
25.0	0.9837	0.9833	0.9882	0.9877	0.9969	0.9960	0.9988	0.9971
25.1	0.9886	0.9875	0.9917	0.9902	0.9968	0.9963	0.9985	0.9974

25.2	0.9862	0.9852	0.9892	0.9878	0.9967	0.9959	0.9985	0.9971
25.3	0.9847	0.9825	0.9886	0.9861	0.9958	0.9964	0.9986	0.9976
25.4	0.9824	0.9826	0.9895	0.9846	0.9963	0.9970	0.9988	0.9980
25.5	0.9800	0.9820	0.9895	0.9847	0.9961	0.9971	0.9986	0.9981
25.6	0.9845	0.9860	0.9905	0.9887	0.9969	0.9969	0.9986	0.9980
25.7	0.9799	0.9811	0.9862	0.9841	0.9970	0.9965	0.9986	0.9977
25.8	0.9856	0.9837	0.9893	0.9867	0.9971	0.9974	0.9989	0.9982
25.9	0.9851	0.9833	0.9887	0.9863	0.9965	0.9973	0.9988	0.9983
26.0	0.9833	0.9831	0.9877	0.9855	0.9957	0.9963	0.9988	0.9976
26.1	0.9845	0.9830	0.9878	0.9860	0.9957	0.9962	0.9988	0.9975
26.2	0.9808	0.9761	0.9836	0.9808	0.9951	0.9968	0.9988	0.9980
26.3	0.9795	0.9801	0.9841	0.9812	0.9937	0.9956	0.9983	0.9973
26.4	0.9833	0.9833	0.9867	0.9838	0.9942	0.9957	0.9987	0.9975
26.5	0.9779	0.9782	0.9821	0.9800	0.9940	0.9952	0.9982	0.9971
26.6	0.9800	0.9777	0.9828	0.9801	0.9952	0.9960	0.9980	0.9977
26.7	0.9799	0.9773	0.9818	0.9805	0.9927	0.9958	0.9978	0.9975
26.8	0.9744	0.9733	0.9794	0.9767	0.9920	0.9958	0.9976	0.9975
26.9	0.9695	0.9729	0.9762	0.9740	0.9924	0.9950	0.9979	0.9970
27.0	0.9769	0.9780	0.9811	0.9793	0.9930	0.9953	0.9981	0.9971
27.1	0.9677	0.9672	0.9750	0.9703	0.9914	0.9940	0.9972	0.9965
27.2	0.9714	0.9754	0.9781	0.9746	0.9927	0.9961	0.9977	0.9976
27.3	0.9599	0.9639	0.9675	0.9630	0.9938	0.9960	0.9980	0.9978
27.4	0.9589	0.9592	0.9664	0.9614	0.9919	0.9964	0.9971	0.9979
27.5	0.9541	0.9544	0.9629	0.9556	0.9922	0.9965	0.9968	0.9979
27.6	0.9671	0.9658	0.9723	0.9661	0.9925	0.9969	0.9976	0.9983
27.7	0.9581	0.9622	0.9652	0.9594	0.9900	0.9957	0.9972	0.9974
27.8	0.9639	0.9607	0.9626	0.9609	0.9919	0.9968	0.9980	0.9978
27.9	0.9596	0.9564	0.9624	0.9584	0.9911	0.9966	0.9971	0.9981
28.0	0.9231	0.9286	0.9363	0.9139	0.9887	0.9928	0.9957	0.9958
28.1	0.9371	0.9367	0.9442	0.9306	0.9915	0.9933	0.9969	0.9958
28.2	0.9302	0.9226	0.9325	0.9123	0.9898	0.9923	0.9964	0.9956
28.3	0.9337	0.9260	0.9334	0.9194	0.9903	0.9940	0.9969	0.9968
28.4	0.9382	0.9333	0.9370	0.9156	0.9915	0.9943	0.9975	0.9969
28.5	0.9172	0.9148	0.9249	0.8708	0.9927	0.9957	0.9978	0.9976
28.6	0.8956	0.9095	0.9072	0.8588	0.9940	0.9958	0.9981	0.9975
28.7	0.8403	0.8763	0.8724	0.7732	0.9911	0.9933	0.9975	0.9957
28.8	0.7907	0.8392	0.8427	0.6647	0.9900	0.9918	0.9971	0.9951
28.9	0.7813	0.8467	0.8397	0.6246	0.9910	0.9933	0.9981	0.9961
29.0	0.7641	0.8397	0.8045	0.5643	0.9920	0.9929	0.9983	0.9962
29.1	0.8051	0.8727	0.8507	0.5348	0.9942	0.9959	0.9989	0.9976
29.2	0.7742	0.8556	0.8418	0.3847	0.9937	0.9972	0.9990	0.9986
29.3	0.6282	0.8081	0.7118	0.2821	0.9895	0.9941	0.9984	0.9970
29.4	0.5502	0.7403	0.6431	0.2180	0.9907	0.9944	0.9986	0.9968
29.5	0.5104	0.7359	0.5707	0.2219	0.9914	0.9941	0.9986	0.9967
29.6	0.5175	0.7202	0.4628	0.3582	0.9908	0.9952	0.9987	0.9972
29.7	0.5678	0.7228	0.5018	0.4604	0.9920	0.9932	0.9985	0.9962
29.8	0.6787	0.7854	0.6428	0.6334	0.9942	0.9930	0.9988	0.9963
29.9	0.6192	0.7431	0.5410	0.6339	0.9933	0.9938	0.9990	0.9965
30.0	0.6609	0.7135	0.5269	0.6381	0.9911	0.9921	0.9982	0.9959
30.1	0.5724	0.7315	0.5026	0.5930	0.9875	0.9919	0.9985	0.9950
30.2	0.5500	0.6911	0.4775	0.5846	0.9884	0.9934	0.9987	0.9957
30.3	0.6498	0.7041	0.5900	0.6522	0.9885	0.9938	0.9985	0.9957
30.4	0.7708	0.7343	0.7383	0.7746	0.9903	0.9947	0.9987	0.9968
30.5	0.7933	0.7890	0.7595	0.8490	0.9912	0.9925	0.9983	0.9955
30.6	0.7494	0.7517	0.7427	0.7854	0.9849	0.9889	0.9979	0.9937
30.7	0.7716	0.7405	0.7502	0.7894	0.9876	0.9925	0.9981	0.9955
30.8	0.7737	0.8303	0.7643	0.8418	0.9872	0.9921	0.9978	0.9956
30.9	0.7253	0.7901	0.7481	0.8079	0.9853	0.9907	0.9976	0.9947
31.0	0.8159	0.7990	0.8183	0.8413	0.9844	0.9886	0.9972	0.9934
31.1	0.8533	0.7810	0.8427	0.8595	0.9856	0.9877	0.9969	0.9927
31.2	0.7631	0.7343	0.7774	0.8014	0.9793	0.9856	0.9962	0.9917
31.3	0.7678	0.7395	0.7691	0.7925	0.9767	0.9838	0.9954	0.9908
31.4	0.7843	0.7461	0.7769	0.8050	0.9814	0.9872	0.9954	0.9922
31.5	0.7687	0.7495	0.7895	0.8033	0.9737	0.9869	0.9949	0.9930
31.6	0.7764	0.8178	0.8076	0.8340	0.9784	0.9870	0.9953	0.9937
31.7	0.7361	0.7830	0.7508	0.7941	0.9710	0.9870	0.9932	0.9926
31.8	0.8076	0.8024	0.8173	0.8492	0.9650	0.9856	0.9931	0.9922
31.9	0.7640	0.7306	0.7614	0.7938	0.9583	0.9821	0.9911	0.9907
32.0	0.7778	0.7354	0.7757	0.7960	0.9553	0.9857	0.9913	0.9931
32.1	0.8061	0.7803	0.8182	0.8287	0.9525	0.9899	0.9928	0.9946
32.2	0.8150	0.8152	0.8290	0.8393	0.9674	0.9908	0.9930	0.9943
32.3	0.7177	0.6896	0.7174	0.7411	0.9458	0.9870	0.9876	0.9929
32.4	0.7926	0.7512	0.7941	0.8060	0.9589	0.9888	0.9916	0.9938
32.5	0.8120	0.7897	0.8131	0.8397	0.9668	0.9860	0.9916	0.9922
32.6	0.7999	0.7525	0.7874	0.8215	0.9562	0.9830	0.9904	0.9906
32.7	0.8064	0.7682	0.7932	0.8464	0.9605	0.9851	0.9918	0.9901
32.8	0.8165	0.7169	0.8005	0.8349	0.9509	0.9895	0.9916	0.9923
32.9	0.8220	0.6953	0.7886	0.8223	0.9482	0.9870	0.9916	0.9920
33.0	0.8261	0.6990	0.7939	0.8409	0.9490	0.9846	0.9913	0.9922
33.1	0.7746	0.5519	0.7322	0.7955	0.9321	0.9828	0.9881	0.9904
33.2	0.6636	0.4865	0.5975	0.7181	0.9313	0.9813	0.9877	0.9884
33.3	0.7359	0.5073	0.6202	0.7639	0.9539	0.9824	0.9900	0.9891
33.4	0.7634	0.4620	0.6322	0.7899	0.9576	0.9841	0.9904	0.9886
33.5	0.7320	0.5015	0.5529	0.7720	0.9542	0.9811	0.9910	0.9881
33.6	0.5828	0.4517	0.4015	0.6455	0.9466	0.9696	0.9916	0.9834
33.7	0.5658	0.5510	0.3944	0.6662	0.9573	0.9745	0.9932	0.9842

33.8	0.5532	0.5473	0.4178	0.7397	0.9504	0.9804	0.9917	0.9886
33.9	0.5531	0.6186	0.5069	0.6994	0.9553	0.9801	0.9931	0.9882
34.0	0.6945	0.6627	0.5351	0.7310	0.9748	0.9817	0.9953	0.9886
34.1	0.6123	0.5805	0.4401	0.7572	0.9638	0.9796	0.9948	0.9878
34.2	0.5597	0.6456	0.4863	0.7246	0.9456	0.9750	0.9938	0.9866
34.3	0.5931	0.6840	0.5137	0.7306	0.9507	0.9809	0.9945	0.9884
34.4	0.6428	0.6396	0.4632	0.7551	0.9522	0.9832	0.9945	0.9895
34.5	0.5392	0.6370	0.4702	0.7486	0.9519	0.9764	0.9931	0.9864
34.6	0.5084	0.7039	0.6119	0.7772	0.9470	0.9791	0.9942	0.9875
34.7	0.5125	0.6632	0.6307	0.7658	0.9386	0.9750	0.9948	0.9865
34.8	0.5169	0.7029	0.7039	0.7672	0.9398	0.9688	0.9947	0.9850
34.9	0.6736	0.8408	0.8308	0.8440	0.9619	0.9796	0.9964	0.9898
35.0	0.6488	0.8133	0.7842	0.8387	0.9518	0.9753	0.9952	0.9865
35.1	0.5994	0.7854	0.7547	0.8266	0.9425	0.9725	0.9936	0.9850
35.2	0.6977	0.8044	0.7966	0.8271	0.9545	0.9838	0.9944	0.9904
35.3	0.7160	0.8234	0.8195	0.8400	0.9325	0.9733	0.9947	0.9870
35.4	0.6385	0.7825	0.8032	0.8075	0.9306	0.9774	0.9941	0.9906
35.5	0.6944	0.7569	0.7823	0.8026	0.9309	0.9752	0.9947	0.9891
35.6	0.7468	0.7541	0.7761	0.8303	0.9298	0.9778	0.9947	0.9902
35.7	0.6932	0.7433	0.7687	0.8315	0.9135	0.9695	0.9917	0.9869
35.8	0.7504	0.7795	0.7890	0.8756	0.9350	0.9587	0.9932	0.9829
35.9	0.8061	0.8194	0.8271	0.9065	0.9329	0.9720	0.9944	0.9894
36.0	0.7833	0.8121	0.8183	0.9085	0.9362	0.9776	0.9944	0.9901
36.1	0.7807	0.8301	0.7860	0.9124	0.9368	0.9779	0.9953	0.9906
36.2	0.7719	0.8500	0.8122	0.9384	0.9488	0.9746	0.9951	0.9893
36.3	0.7275	0.8259	0.8248	0.9242	0.9458	0.9639	0.9941	0.9857
36.4	0.6686	0.8503	0.8458	0.9135	0.9393	0.9660	0.9942	0.9882
36.5	0.7579	0.8994	0.8627	0.9345	0.9344	0.9831	0.9964	0.9932
36.6	0.6413	0.8228	0.8123	0.8985	0.9128	0.9686	0.9945	0.9892
36.7	0.5392	0.8324	0.8516	0.9134	0.9383	0.9678	0.9953	0.9880
36.8	0.5533	0.8218	0.8182	0.8794	0.9212	0.9572	0.9937	0.9848
36.9	0.5878	0.8497	0.8408	0.8904	0.8850	0.9586	0.9935	0.9838
37.0	0.6387	0.8616	0.8755	0.8927	0.8996	0.9614	0.9953	0.9885
37.1	0.6762	0.8901	0.9101	0.9212	0.9175	0.9716	0.9965	0.9916
37.2	0.6354	0.8776	0.9189	0.9341	0.9162	0.9598	0.9951	0.9871
37.3	0.6026	0.8804	0.9229	0.9367	0.9150	0.9574	0.9944	0.9872
37.4	0.5452	0.8601	0.8668	0.8991	0.8608	0.9482	0.9923	0.9858
37.5	0.5655	0.8424	0.8770	0.9104	0.8494	0.9438	0.9916	0.9836
37.6	0.6507	0.9021	0.9317	0.9569	0.8923	0.9610	0.9946	0.9894
37.7	0.7143	0.9170	0.9439	0.9644	0.8876	0.9516	0.9948	0.9865
37.8	0.7198	0.9136	0.9379	0.9587	0.8640	0.9471	0.9948	0.9855
37.9	0.7022	0.8983	0.9339	0.9477	0.8409	0.9474	0.9934	0.9864
38.0	0.7472	0.9111	0.9417	0.9562	0.8607	0.9506	0.9935	0.9876
38.1	0.7724	0.9041	0.9412	0.9395	0.8356	0.9235	0.9923	0.9839
38.2	0.8277	0.9169	0.9465	0.9516	0.8273	0.9090	0.9923	0.9802
38.3	0.8129	0.9113	0.9550	0.9706	0.8377	0.9264	0.9946	0.9831
38.4	0.8669	0.9325	0.9611	0.9671	0.8587	0.9193	0.9932	0.9831
38.5	0.8735	0.9329	0.9522	0.9594	0.8579	0.9180	0.9928	0.9846
38.6	0.8644	0.9104	0.9477	0.9545	0.8356	0.9280	0.9945	0.9879
38.7	0.9202	0.9415	0.9720	0.9661	0.8668	0.9538	0.9958	0.9914
38.8	0.9042	0.9232	0.9697	0.9575	0.8092	0.9277	0.9938	0.9874
38.9	0.8859	0.9001	0.9555	0.9471	0.7751	0.9066	0.9932	0.9851
39.0	0.9297	0.9266	0.9589	0.9579	0.8179	0.9217	0.9942	0.9878
39.1	0.9336	0.9346	0.9666	0.9597	0.8445	0.9386	0.9957	0.9909
39.2	0.9316	0.9173	0.9651	0.9552	0.8200	0.9131	0.9944	0.9886
39.3	0.9462	0.9285	0.9667	0.9572	0.8069	0.9098	0.9938	0.9889
39.4	0.9385	0.9231	0.9669	0.9514	0.7769	0.9286	0.9937	0.9913
39.5	0.9227	0.9087	0.9668	0.9487	0.7004	0.9192	0.9939	0.9911
39.6	0.9352	0.9026	0.9730	0.9654	0.6821	0.9452	0.9965	0.9936
39.7	0.9488	0.9217	0.9723	0.9649	0.6611	0.9185	0.9954	0.9913
39.8	0.9398	0.8984	0.9699	0.9563	0.7162	0.8720	0.9920	0.9871
39.9	0.9592	0.8853	0.9756	0.9709	0.6976	0.9003	0.9936	0.9907
40.0	0.9459	0.8551	0.9676	0.9732	0.7271	0.9192	0.9942	0.9911
40.1	0.9571	0.8792	0.9705	0.9666	0.6885	0.9122	0.9936	0.9909
40.2	0.9551	0.8787	0.9686	0.9613	0.6203	0.9208	0.9946	0.9923
40.3	0.9553	0.8873	0.9751	0.9566	0.5950	0.9254	0.9939	0.9923
40.4	0.9334	0.8732	0.9761	0.9575	0.6617	0.9150	0.9938	0.9921
40.5	0.9372	0.8745	0.9720	0.9580	0.6051	0.8966	0.9938	0.9917
40.6	0.9189	0.8621	0.9507	0.9428	0.3927	0.8784	0.9918	0.9892
40.7	0.9287	0.8376	0.9578	0.9548	0.4232	0.8854	0.9915	0.9894
40.8	0.9359	0.8565	0.9712	0.9643	0.5087	0.8967	0.9930	0.9902
40.9	0.9408	0.8907	0.9750	0.9657	0.6074	0.9069	0.9950	0.9930
41.0	0.9393	0.9089	0.9733	0.9670	0.6035	0.8922	0.9937	0.9906
41.1	0.9139	0.8934	0.9610	0.9553	0.4076	0.9058	0.9951	0.9916
41.2	0.9377	0.8794	0.9658	0.9570	0.5135	0.9349	0.9961	0.9944
41.3	0.9358	0.9146	0.9704	0.9685	0.4696	0.9274	0.9945	0.9937
41.4	0.9321	0.9239	0.9636	0.9655	0.5117	0.9151	0.9952	0.9922
41.5	0.9189	0.8783	0.9579	0.9552	0.4498	0.8867	0.9946	0.9901
41.6	0.9132	0.8452	0.9475	0.9557	0.3700	0.8915	0.9943	0.9924
41.7	0.9212	0.8389	0.9611	0.9561	0.3370	0.8999	0.9944	0.9929
41.8	0.9069	0.8522	0.9555	0.9327	0.4233	0.8934	0.9954	0.9911
41.9	0.8759	0.7901	0.9407	0.9337	0.3712	0.8982	0.9956	0.9909
42.0	0.8956	0.8086	0.9515	0.9538	0.4802	0.8749	0.9941	0.9908
42.1	0.8890	0.8506	0.9476	0.9419	0.4583	0.8876	0.9948	0.9923
42.2	0.8850	0.8629	0.9545	0.9445	0.3999	0.8973	0.9956	0.9925
42.3	0.8758	0.8272	0.9570	0.9423	0.3995	0.8677	0.9948	0.9919

42.4	0.8544	0.8509	0.9545	0.9433	0.3630	0.8744	0.9954	0.9918
42.5	0.8949	0.8907	0.9666	0.9560	0.3080	0.9038	0.9967	0.9941
42.6	0.8559	0.8984	0.9642	0.9487	0.3667	0.8899	0.9951	0.9924
42.7	0.8474	0.9054	0.9666	0.9492	0.3988	0.8557	0.9935	0.9904
42.8	0.8657	0.8862	0.9540	0.9457	0.3776	0.8791	0.9951	0.9914
42.9	0.8782	0.8669	0.9574	0.9527	0.2917	0.9057	0.9962	0.9937
43.0	0.8675	0.8861	0.9593	0.9595	0.2535	0.8814	0.9953	0.9937
43.1	0.8869	0.8927	0.9623	0.9566	0.2332	0.8519	0.9935	0.9909
43.2	0.8463	0.8618	0.9565	0.9459	0.2734	0.8919	0.9952	0.9932
43.3	0.7867	0.8845	0.9556	0.9435	0.3431	0.8679	0.9958	0.9926
43.4	0.8782	0.9223	0.9596	0.9558	0.4558	0.8465	0.9963	0.9935
43.5	0.9348	0.9065	0.9643	0.9638	0.3494	0.9022	0.9970	0.9954
43.6	0.9466	0.9137	0.9722	0.9641	0.3336	0.9020	0.9966	0.9940
43.7	0.9358	0.9193	0.9739	0.9707	0.3272	0.8975	0.9960	0.9941
43.8	0.9243	0.9094	0.9681	0.9664	0.2974	0.8739	0.9955	0.9929
43.9	0.9602	0.9385	0.9790	0.9760	0.3867	0.8826	0.9958	0.9933
44.0	0.9646	0.9333	0.9757	0.9788	0.3633	0.8953	0.9967	0.9954
44.1	0.9522	0.9216	0.9748	0.9783	0.4387	0.8862	0.9966	0.9948
44.2	0.9471	0.9025	0.9720	0.9699	0.4312	0.9165	0.9960	0.9952
44.3	0.9614	0.9419	0.9771	0.9728	0.4442	0.9097	0.9964	0.9955
44.4	0.9520	0.9528	0.9753	0.9742	0.3961	0.8855	0.9966	0.9952
44.5	0.9500	0.9638	0.9712	0.9732	0.3844	0.8849	0.9960	0.9960
44.6	0.9499	0.9148	0.9576	0.9558	0.4224	0.8826	0.9955	0.9953
44.7	0.9405	0.9241	0.9644	0.9565	0.3770	0.8560	0.9956	0.9941
44.8	0.9481	0.9278	0.9643	0.9647	0.2676	0.8170	0.9939	0.9926
44.9	0.9486	0.9377	0.9630	0.9720	0.4003	0.8448	0.9951	0.9953
45.0	0.9592	0.9382	0.9707	0.9747	0.4682	0.8357	0.9965	0.9955
45.1	0.9608	0.9473	0.9808	0.9827	0.5932	0.8526	0.9970	0.9949
45.2	0.9680	0.9612	0.9864	0.9853	0.5720	0.8449	0.9970	0.9936
45.3	0.9690	0.9498	0.9815	0.9797	0.4449	0.8285	0.9958	0.9933
45.4	0.9660	0.9528	0.9815	0.9777	0.2959	0.8103	0.9953	0.9940
45.5	0.9506	0.9443	0.9748	0.9718	0.1875	0.7721	0.9945	0.9933
45.6	0.9649	0.9600	0.9823	0.9761	0.4291	0.8320	0.9959	0.9945
45.7	0.9630	0.9670	0.9822	0.9785	0.5434	0.8354	0.9957	0.9932
45.8	0.9695	0.9654	0.9789	0.9825	0.6110	0.8352	0.9957	0.9926
45.9	0.9672	0.9726	0.9805	0.9818	0.6179	0.8691	0.9968	0.9951
46.0	0.9663	0.9710	0.9825	0.9810	0.6230	0.8369	0.9962	0.9945
46.1	0.9507	0.9452	0.9791	0.9758	0.4581	0.8009	0.9944	0.9925
46.2	0.9507	0.9516	0.9779	0.9800	0.4756	0.8757	0.9959	0.9961
46.3	0.9071	0.9555	0.9643	0.9661	0.5471	0.9112	0.9958	0.9967
46.4	0.9406	0.9569	0.9677	0.9694	0.5942	0.9100	0.9977	0.9966
46.5	0.9364	0.9579	0.9618	0.9632	0.6724	0.8872	0.9958	0.9945
46.6	0.9496	0.9601	0.9720	0.9710	0.6627	0.8978	0.9960	0.9961
46.7	0.9265	0.9510	0.9819	0.9817	0.5558	0.8957	0.9965	0.9963
46.8	0.8829	0.9437	0.9773	0.9735	0.6081	0.8868	0.9962	0.9936
46.9	0.8464	0.9342	0.9588	0.9548	0.5603	0.8817	0.9957	0.9929
47.0	0.9027	0.9513	0.9659	0.9604	0.6802	0.8996	0.9965	0.9952
47.1	0.8921	0.9616	0.9571	0.9570	0.7500	0.8813	0.9959	0.9951
47.2	0.8804	0.9623	0.9546	0.9513	0.6643	0.8993	0.9961	0.9954
47.3	0.8721	0.9638	0.9712	0.9676	0.7096	0.8993	0.9958	0.9943
47.4	0.8710	0.9584	0.9781	0.9723	0.7236	0.8935	0.9951	0.9944
47.5	0.9331	0.9714	0.9828	0.9844	0.6988	0.9131	0.9961	0.9955
47.6	0.9510	0.9813	0.9858	0.9878	0.7052	0.9149	0.9968	0.9957
47.7	0.9408	0.9788	0.9820	0.9831	0.7247	0.9229	0.9970	0.9954
47.8	0.9034	0.9694	0.9765	0.9782	0.7164	0.8965	0.9956	0.9923
47.9	0.8896	0.9735	0.9856	0.9869	0.7716	0.8924	0.9952	0.9931
48.0	0.9279	0.9831	0.9867	0.9870	0.7726	0.9176	0.9961	0.9952
48.1	0.9180	0.9882	0.9847	0.9857	0.7393	0.9361	0.9960	0.9962
48.2	0.8605	0.9816	0.9773	0.9764	0.6897	0.9285	0.9966	0.9930
48.3	0.9242	0.9755	0.9758	0.9767	0.7561	0.9500	0.9971	0.9951
48.4	0.9167	0.9784	0.9823	0.9823	0.7860	0.9435	0.9971	0.9943
48.5	0.8856	0.9783	0.9790	0.9803	0.8110	0.9289	0.9963	0.9935
48.6	0.9027	0.9816	0.9759	0.9776	0.8003	0.9349	0.9952	0.9946
48.7	0.9163	0.9819	0.9692	0.9713	0.7838	0.9305	0.9945	0.9940
48.8	0.9468	0.9860	0.9791	0.9813	0.8370	0.9333	0.9963	0.9945
48.9	0.8958	0.9796	0.9665	0.9688	0.8304	0.9223	0.9942	0.9935
49.0	0.8158	0.9762	0.9626	0.9654	0.8283	0.9365	0.9940	0.9940
49.1	0.7792	0.9727	0.9503	0.9554	0.7915	0.9170	0.9936	0.9936
49.2	0.7068	0.9589	0.9129	0.9230	0.7821	0.9055	0.9935	0.9942
49.3	0.8910	0.9747	0.9597	0.9609	0.8553	0.9345	0.9960	0.9944
49.4	0.9001	0.9764	0.9535	0.9555	0.8231	0.9347	0.9963	0.9945
49.5	0.6802	0.9262	0.9161	0.9149	0.7815	0.9239	0.9953	0.9930
49.6	0.6264	0.9065	0.9028	0.9032	0.8238	0.9357	0.9958	0.9935
49.7	0.5670	0.8879	0.8548	0.8633	0.8812	0.9496	0.9961	0.9953
49.8	0.6179	0.8813	0.8623	0.8604	0.8670	0.9065	0.9961	0.9950
49.9	0.8012	0.9467	0.9239	0.9259	0.7734	0.8114	0.9953	0.9916
50.0	0.8916	0.9703	0.9449	0.9492	0.8171	0.7860	0.9957	0.9929
50.1	0.8360	0.9492	0.9075	0.9076	0.7127	0.6547	0.9926	0.9896
50.2	0.9001	0.9730	0.9382	0.9408	0.7586	0.8135	0.9945	0.9923
50.3	0.9532	0.9843	0.9449	0.9547	0.8831	0.9315	0.9958	0.9928
50.4	0.9516	0.9844	0.9208	0.9303	0.9036	0.9369	0.9964	0.9928
50.5	0.9475	0.9820	0.9205	0.9227	0.8989	0.9381	0.9948	0.9926
50.6	0.9480	0.9820	0.9411	0.9473	0.8723	0.9607	0.9958	0.9938
50.7	0.9578	0.9862	0.9546	0.9607	0.8958	0.9602	0.9959	0.9941
50.8	0.9580	0.9882	0.9501	0.9577	0.8902	0.9545	0.9950	0.9914
50.9	0.9375	0.9810	0.9367	0.9449	0.8694	0.9633	0.9962	0.9923

51.0	0.9210	0.9829	0.9332	0.9433	0.8675	0.9736	0.9962	0.9936
51.1	0.9107	0.9796	0.9435	0.9447	0.8433	0.9635	0.9951	0.9935
51.2	0.9339	0.9784	0.9608	0.9572	0.8458	0.9604	0.9949	0.9936
51.3	0.9359	0.9798	0.9692	0.9702	0.9034	0.9621	0.9958	0.9943
51.4	0.8845	0.9715	0.9589	0.9603	0.8913	0.9535	0.9959	0.9925
51.5	0.8533	0.9700	0.9264	0.9329	0.9058	0.9671	0.9965	0.9940
51.6	0.9389	0.9835	0.9517	0.9474	0.9129	0.9753	0.9958	0.9937
51.7	0.9567	0.9770	0.9514	0.9582	0.9069	0.9728	0.9953	0.9927
51.8	0.9580	0.9740	0.9530	0.9604	0.9262	0.9814	0.9962	0.9950
51.9	0.9591	0.9785	0.9576	0.9650	0.8954	0.9750	0.9954	0.9922
52.0	0.9562	0.9800	0.9546	0.9611	0.8706	0.9801	0.9959	0.9917
52.1	0.9715	0.9861	0.9718	0.9688	0.8908	0.9872	0.9975	0.9953
52.2	0.9786	0.9882	0.9794	0.9786	0.8847	0.9855	0.9968	0.9938
52.3	0.9757	0.9824	0.9772	0.9777	0.8876	0.9831	0.9963	0.9932
52.4	0.9651	0.9736	0.9652	0.9658	0.9075	0.9845	0.9964	0.9933
52.5	0.9717	0.9711	0.9599	0.9639	0.9084	0.9857	0.9964	0.9937
52.6	0.9761	0.9748	0.9712	0.9705	0.9070	0.9908	0.9973	0.9963
52.7	0.9467	0.9610	0.9495	0.9458	0.8754	0.9879	0.9956	0.9933
52.8	0.9205	0.9335	0.9049	0.9022	0.9244	0.9848	0.9946	0.9930
52.9	0.9523	0.9473	0.9415	0.9376	0.9010	0.9850	0.9957	0.9932
53.0	0.9651	0.9568	0.9617	0.9600	0.9087	0.9887	0.9953	0.9936
53.1	0.9601	0.9579	0.9561	0.9592	0.9164	0.9877	0.9946	0.9918
53.2	0.9553	0.9420	0.9457	0.9511	0.8991	0.9882	0.9942	0.9938
53.3	0.9650	0.9505	0.9559	0.9628	0.9062	0.9925	0.9954	0.9947
53.4	0.9672	0.9613	0.9566	0.9662	0.8832	0.9909	0.9947	0.9920
53.5	0.9761	0.9706	0.9722	0.9739	0.8973	0.9929	0.9944	0.9925
53.6	0.9659	0.9630	0.9606	0.9689	0.9194	0.9916	0.9948	0.9904
53.7	0.9595	0.9433	0.9467	0.9596	0.8931	0.9942	0.9952	0.9946
53.8	0.9425	0.9193	0.9245	0.9403	0.8978	0.9952	0.9951	0.9950
53.9	0.9358	0.8864	0.9207	0.9288	0.9184	0.9939	0.9937	0.9933
54.0	0.9760	0.9618	0.9704	0.9743	0.9154	0.9944	0.9957	0.9936
54.1	0.9807	0.9748	0.9773	0.9813	0.9035	0.9943	0.9966	0.9921
54.2	0.9404	0.9381	0.9350	0.9463	0.8800	0.9920	0.9933	0.9892
54.3	0.9590	0.9510	0.9534	0.9607	0.9111	0.9938	0.9939	0.9890
54.4	0.9781	0.9731	0.9752	0.9779	0.9173	0.9936	0.9958	0.9914
54.5	0.9871	0.9861	0.9862	0.9874	0.9136	0.9943	0.9959	0.9928
54.6	0.9771	0.9779	0.9761	0.9786	0.9221	0.9951	0.9946	0.9905
54.7	0.9664	0.9730	0.9682	0.9712	0.9184	0.9953	0.9943	0.9915
54.8	0.9517	0.9643	0.9555	0.9629	0.9212	0.9953	0.9937	0.9895
54.9	0.9630	0.9704	0.9649	0.9718	0.9138	0.9953	0.9920	0.9915
55.0	0.9795	0.9814	0.9801	0.9811	0.9338	0.9958	0.9942	0.9912
55.1	0.9872	0.9855	0.9854	0.9870	0.9377	0.9964	0.9952	0.9922
55.2	0.9870	0.9833	0.9841	0.9890	0.9234	0.9951	0.9936	0.9905
55.3	0.9815	0.9811	0.9786	0.9841	0.9401	0.9938	0.9928	0.9861
55.4	0.9855	0.9864	0.9853	0.9866	0.9482	0.9963	0.9943	0.9895
55.5	0.9700	0.9704	0.9692	0.9709	0.9531	0.9968	0.9943	0.9898
55.6	0.9810	0.9788	0.9808	0.9810	0.9489	0.9969	0.9940	0.9915
55.7	0.9905	0.9885	0.9872	0.9906	0.9311	0.9973	0.9946	0.9909
55.8	0.9916	0.9916	0.9891	0.9926	0.9369	0.9971	0.9947	0.9896
55.9	0.9897	0.9914	0.9893	0.9919	0.9493	0.9962	0.9948	0.9887
56.0	0.9813	0.9839	0.9814	0.9828	0.9422	0.9971	0.9962	0.9883
56.1	0.9803	0.9798	0.9799	0.9809	0.9507	0.9971	0.9951	0.9895
56.2	0.9866	0.9866	0.9870	0.9881	0.9669	0.9973	0.9959	0.9862
56.3	0.9912	0.9918	0.9909	0.9937	0.9694	0.9972	0.9953	0.9852
56.4	0.9926	0.9935	0.9912	0.9937	0.9609	0.9978	0.9954	0.9907
56.5	0.9929	0.9933	0.9904	0.9937	0.9622	0.9979	0.9948	0.9919
56.6	0.9921	0.9932	0.9902	0.9929	0.9473	0.9972	0.9949	0.9865
56.7	0.9932	0.9938	0.9919	0.9943	0.9483	0.9973	0.9952	0.9858
56.8	0.9912	0.9925	0.9905	0.9926	0.9507	0.9969	0.9953	0.9863
56.9	0.9895	0.9923	0.9888	0.9913	0.9485	0.9968	0.9922	0.9838
57.0	0.9899	0.9920	0.9900	0.9922	0.9559	0.9972	0.9935	0.9827
57.1	0.9857	0.9909	0.9861	0.9907	0.9540	0.9970	0.9945	0.9834
57.2	0.9772	0.9818	0.9758	0.9800	0.9528	0.9975	0.9954	0.9904
57.3	0.9917	0.9886	0.9893	0.9912	0.9585	0.9980	0.9963	0.9892
57.4	0.9898	0.9888	0.9873	0.9907	0.9449	0.9974	0.9946	0.9869
57.5	0.9944	0.9941	0.9929	0.9951	0.9686	0.9979	0.9950	0.9906
57.6	0.9953	0.9953	0.9942	0.9960	0.9712	0.9979	0.9965	0.9907
57.7	0.9955	0.9957	0.9948	0.9967	0.9641	0.9982	0.9970	0.9925
57.8	0.9955	0.9957	0.9948	0.9968	0.9649	0.9982	0.9967	0.9919
57.9	0.9956	0.9955	0.9935	0.9961	0.9512	0.9976	0.9955	0.9889
58.0	0.9953	0.9953	0.9930	0.9953	0.9563	0.9979	0.9964	0.9902
58.1	0.9954	0.9959	0.9943	0.9960	0.9655	0.9981	0.9965	0.9911
58.2	0.9951	0.9956	0.9952	0.9966	0.9540	0.9966	0.9953	0.9874
58.3	0.9942	0.9941	0.9937	0.9958	0.9570	0.9958	0.9948	0.9837
58.4	0.9955	0.9961	0.9938	0.9961	0.9743	0.9975	0.9961	0.9921
58.5	0.9957	0.9961	0.9947	0.9957	0.9738	0.9979	0.9961	0.9931
58.6	0.9950	0.9953	0.9950	0.9949	0.9710	0.9977	0.9956	0.9921
58.7	0.9943	0.9950	0.9943	0.9956	0.9669	0.9975	0.9955	0.9899
58.8	0.9919	0.9943	0.9929	0.9941	0.9565	0.9967	0.9952	0.9877
58.9	0.9943	0.9955	0.9946	0.9958	0.9562	0.9970	0.9955	0.9910
59.0	0.9936	0.9951	0.9944	0.9951	0.9440	0.9958	0.9956	0.9892
59.1	0.9952	0.9962	0.9951	0.9967	0.9698	0.9974	0.9962	0.9906
59.2	0.9962	0.9969	0.9956	0.9972	0.9804	0.9980	0.9966	0.9929
59.3	0.9962	0.9963	0.9952	0.9972	0.9686	0.9971	0.9961	0.9923
59.4	0.9960	0.9967	0.9953	0.9971	0.9689	0.9976	0.9969	0.9922
59.5	0.9958	0.9956	0.9946	0.9962	0.9648	0.9979	0.9965	0.9910

59.6	0.9963	0.9954	0.9948	0.9964	0.9687	0.9974	0.9959	0.9897
59.7	0.9967	0.9960	0.9959	0.9970	0.9769	0.9977	0.9959	0.9914
59.8	0.9970	0.9967	0.9966	0.9976	0.9781	0.9970	0.9955	0.9896
59.9	0.9861	0.9782	0.9663	0.9516	0.7617	0.7593	0.9943	0.7112
60.0	0.9604	0.9357	0.8911	0.8494	0.5390	0.4559	0.9902	0.3147
60.1	0.9864	0.9789	0.9667	0.9540	0.7653	0.7490	0.9936	0.7241
60.2	0.9948	0.9956	0.9945	0.9965	0.9711	0.9954	0.9945	0.9845
60.3	0.9953	0.9952	0.9950	0.9962	0.9753	0.9966	0.9960	0.9882
60.4	0.9962	0.9965	0.9963	0.9972	0.9767	0.9967	0.9963	0.9900
60.5	0.9954	0.9967	0.9961	0.9967	0.9837	0.9962	0.9964	0.9894
60.6	0.9956	0.9967	0.9962	0.9967	0.9843	0.9972	0.9961	0.9873
60.7	0.9970	0.9971	0.9968	0.9973	0.9834	0.9973	0.9965	0.9887
60.8	0.9970	0.9966	0.9963	0.9972	0.9815	0.9966	0.9965	0.9868
60.9	0.9967	0.9966	0.9969	0.9971	0.9751	0.9961	0.9963	0.9849
61.0	0.9963	0.9964	0.9963	0.9967	0.9816	0.9962	0.9957	0.9887
61.1	0.9966	0.9964	0.9961	0.9970	0.9875	0.9970	0.9960	0.9907
61.2	0.9956	0.9947	0.9955	0.9964	0.9797	0.9956	0.9946	0.9872
61.3	0.9955	0.9954	0.9959	0.9961	0.9752	0.9949	0.9944	0.9873
61.4	0.9961	0.9941	0.9952	0.9955	0.9756	0.9952	0.9941	0.9865
61.5	0.9961	0.9953	0.9950	0.9963	0.9806	0.9954	0.9947	0.9881
61.6	0.9955	0.9963	0.9959	0.9967	0.9826	0.9962	0.9953	0.9882
61.7	0.9945	0.9929	0.9941	0.9954	0.9780	0.9946	0.9924	0.9824
61.8	0.9974	0.9955	0.9966	0.9974	0.9869	0.9962	0.9958	0.9895
61.9	0.9979	0.9964	0.9970	0.9977	0.9837	0.9968	0.9957	0.9902
62.0	0.9958	0.9947	0.9958	0.9958	0.9771	0.9958	0.9950	0.9853
62.1	0.9947	0.9932	0.9944	0.9945	0.9745	0.9939	0.9935	0.9850
62.2	0.9965	0.9959	0.9965	0.9971	0.9856	0.9955	0.9953	0.9866
62.3	0.9954	0.9947	0.9956	0.9961	0.9853	0.9944	0.9945	0.9821
62.4	0.9967	0.9944	0.9959	0.9962	0.9837	0.9936	0.9947	0.9828
62.5	0.9969	0.9950	0.9964	0.9966	0.9831	0.9958	0.9948	0.9862
62.6	0.9954	0.9943	0.9954	0.9962	0.9830	0.9948	0.9951	0.9848
62.7	0.9948	0.9925	0.9946	0.9952	0.9788	0.9945	0.9934	0.9846
62.8	0.9965	0.9941	0.9959	0.9962	0.9820	0.9951	0.9958	0.9878
62.9	0.9946	0.9934	0.9946	0.9954	0.9797	0.9935	0.9944	0.9850
63.0	0.9941	0.9923	0.9941	0.9948	0.9789	0.9931	0.9919	0.9825
63.1	0.9955	0.9935	0.9951	0.9956	0.9783	0.9932	0.9937	0.9819
63.2	0.9950	0.9935	0.9952	0.9954	0.9784	0.9925	0.9947	0.9833
63.3	0.9963	0.9947	0.9962	0.9958	0.9849	0.9934	0.9946	0.9871
63.4	0.9970	0.9958	0.9967	0.9972	0.9902	0.9949	0.9958	0.9882
63.5	0.9965	0.9951	0.9961	0.9965	0.9867	0.9938	0.9943	0.9824
63.6	0.9948	0.9924	0.9949	0.9946	0.9788	0.9921	0.9919	0.9773
63.7	0.9955	0.9937	0.9960	0.9952	0.9744	0.9945	0.9941	0.9802
63.8	0.9951	0.9934	0.9958	0.9950	0.9768	0.9940	0.9940	0.9814
63.9	0.9958	0.9930	0.9955	0.9955	0.9802	0.9941	0.9932	0.9812
64.0	0.9958	0.9918	0.9947	0.9949	0.9811	0.9918	0.9921	0.9782
64.1	0.9940	0.9899	0.9931	0.9930	0.9771	0.9908	0.9893	0.9829
64.2	0.9934	0.9903	0.9934	0.9933	0.9734	0.9918	0.9899	0.9869
64.3	0.9959	0.9932	0.9958	0.9958	0.9804	0.9941	0.9924	0.9888
64.4	0.9950	0.9918	0.9948	0.9944	0.9766	0.9926	0.9899	0.9855
64.5	0.9943	0.9920	0.9940	0.9943	0.9795	0.9880	0.9913	0.9800
64.6	0.9944	0.9925	0.9941	0.9943	0.9807	0.9890	0.9914	0.9765
64.7	0.9957	0.9934	0.9952	0.9946	0.9816	0.9919	0.9932	0.9823
64.8	0.9953	0.9923	0.9947	0.9941	0.9777	0.9912	0.9918	0.9830
64.9	0.9957	0.9935	0.9953	0.9947	0.9826	0.9932	0.9930	0.9864
65.0	0.9956	0.9932	0.9948	0.9942	0.9858	0.9937	0.9921	0.9861
65.1	0.9957	0.9922	0.9942	0.9941	0.9813	0.9927	0.9915	0.9851
65.2	0.9945	0.9904	0.9931	0.9934	0.9775	0.9892	0.9897	0.9822
65.3	0.9951	0.9905	0.9938	0.9938	0.9757	0.9868	0.9907	0.9781
65.4	0.9953	0.9903	0.9936	0.9929	0.9777	0.9862	0.9895	0.9744
65.5	0.9948	0.9894	0.9938	0.9920	0.9805	0.9884	0.9889	0.9772
65.6	0.9961	0.9927	0.9953	0.9943	0.9867	0.9914	0.9921	0.9836
65.7	0.9953	0.9924	0.9946	0.9934	0.9816	0.9884	0.9908	0.9804
65.8	0.9950	0.9908	0.9940	0.9929	0.9798	0.9866	0.9894	0.9786
65.9	0.9957	0.9915	0.9942	0.9937	0.9774	0.9884	0.9915	0.9808
66.0	0.9950	0.9907	0.9934	0.9934	0.9764	0.9882	0.9918	0.9810
66.1	0.9957	0.9911	0.9945	0.9940	0.9780	0.9862	0.9931	0.9818
66.2	0.9955	0.9902	0.9938	0.9927	0.9740	0.9864	0.9915	0.9788
66.3	0.9965	0.9911	0.9953	0.9941	0.9855	0.9878	0.9922	0.9835
66.4	0.9962	0.9889	0.9944	0.9935	0.9815	0.9847	0.9911	0.9804
66.5	0.9937	0.9859	0.9917	0.9907	0.9744	0.9815	0.9885	0.9753
66.6	0.9945	0.9913	0.9944	0.9938	0.9776	0.9840	0.9922	0.9830
66.7	0.9960	0.9925	0.9953	0.9950	0.9801	0.9879	0.9930	0.9824
66.8	0.9960	0.9913	0.9948	0.9936	0.9784	0.9885	0.9937	0.9832
66.9	0.9955	0.9924	0.9948	0.9937	0.9825	0.9886	0.9930	0.9863
67.0	0.9960	0.9942	0.9960	0.9954	0.9817	0.9872	0.9942	0.9839
67.1	0.9956	0.9921	0.9947	0.9946	0.9808	0.9842	0.9931	0.9842
67.2	0.9962	0.9930	0.9951	0.9950	0.9854	0.9885	0.9939	0.9862
67.3	0.9952	0.9923	0.9946	0.9938	0.9853	0.9867	0.9934	0.9857
67.4	0.9941	0.9928	0.9940	0.9936	0.9841	0.9850	0.9916	0.9841
67.5	0.9956	0.9919	0.9944	0.9940	0.9810	0.9867	0.9940	0.9866
67.6	0.9954	0.9911	0.9942	0.9939	0.9772	0.9860	0.9922	0.9854
67.7	0.9956	0.9943	0.9950	0.9959	0.9852	0.9872	0.9917	0.9886
67.8	0.9969	0.9939	0.9955	0.9958	0.9837	0.9882	0.9931	0.9905
67.9	0.9963	0.9948	0.9956	0.9956	0.9842	0.9889	0.9940	0.9909
68.0	0.9950	0.9936	0.9946	0.9942	0.9824	0.9848	0.9921	0.9855
68.1	0.9957	0.9929	0.9950	0.9945	0.9841	0.9848	0.9935	0.9885

68.2	0.9962	0.9936	0.9955	0.9954	0.9842	0.9898	0.9935	0.9914
68.3	0.9953	0.9916	0.9945	0.9942	0.9851	0.9884	0.9900	0.9874
68.4	0.9960	0.9932	0.9946	0.9952	0.9886	0.9889	0.9919	0.9916
68.5	0.9972	0.9944	0.9957	0.9954	0.9878	0.9912	0.9904	0.9907
68.6	0.9952	0.9916	0.9941	0.9931	0.9839	0.9864	0.9863	0.9889
68.7	0.9955	0.9927	0.9951	0.9945	0.9832	0.9884	0.9874	0.9910
68.8	0.9943	0.9926	0.9940	0.9934	0.9788	0.9890	0.9860	0.9889
68.9	0.9959	0.9921	0.9942	0.9941	0.9855	0.9898	0.9847	0.9911
69.0	0.9963	0.9930	0.9948	0.9945	0.9890	0.9911	0.9884	0.9928
69.1	0.9945	0.9902	0.9934	0.9926	0.9853	0.9891	0.9875	0.9889
69.2	0.9952	0.9899	0.9937	0.9929	0.9868	0.9865	0.9844	0.9863
69.3	0.9952	0.9912	0.9940	0.9933	0.9833	0.9884	0.9844	0.9878
69.4	0.9954	0.9927	0.9943	0.9942	0.9855	0.9888	0.9842	0.9871
69.5	0.9942	0.9930	0.9938	0.9940	0.9882	0.9886	0.9829	0.9875
69.6	0.9938	0.9925	0.9945	0.9935	0.9835	0.9901	0.9810	0.9877
69.7	0.9937	0.9906	0.9933	0.9937	0.9850	0.9903	0.9799	0.9875
69.8	0.9915	0.9892	0.9915	0.9921	0.9788	0.9869	0.9771	0.9862
69.9	0.9935	0.9914	0.9929	0.9933	0.9814	0.9889	0.9748	0.9802
70.0	0.9933	0.9925	0.9943	0.9928	0.9798	0.9890	0.9748	0.9837
70.1	0.9935	0.9936	0.9946	0.9938	0.9785	0.9915	0.9829	0.9875
70.2	0.9934	0.9917	0.9926	0.9929	0.9812	0.9906	0.9807	0.9795
70.3	0.9929	0.9901	0.9922	0.9915	0.9712	0.9902	0.9723	0.9720
70.4	0.9931	0.9889	0.9913	0.9904	0.9786	0.9867	0.9690	0.9755
70.5	0.9910	0.9916	0.9919	0.9922	0.9773	0.9902	0.9701	0.9667
70.6	0.9895	0.9898	0.9898	0.9895	0.9724	0.9913	0.9633	0.9531
70.7	0.9892	0.9843	0.9871	0.9839	0.9585	0.9852	0.9476	0.9435
70.8	0.9891	0.9858	0.9900	0.9868	0.9575	0.9883	0.9557	0.9524
70.9	0.9919	0.9909	0.9928	0.9900	0.9621	0.9911	0.9552	0.9561
71.0	0.9902	0.9886	0.9895	0.9878	0.9627	0.9905	0.9477	0.9504
71.1	0.9906	0.9902	0.9913	0.9903	0.9792	0.9939	0.9563	0.9459
71.2	0.9881	0.9876	0.9903	0.9878	0.9802	0.9906	0.9578	0.9318
71.3	0.9852	0.9830	0.9860	0.9832	0.9709	0.9871	0.9439	0.9059
71.4	0.9868	0.9805	0.9836	0.9806	0.9658	0.9881	0.9392	0.9077
71.5	0.9896	0.9838	0.9874	0.9830	0.9688	0.9930	0.9349	0.9262
71.6	0.9903	0.9819	0.9842	0.9824	0.9647	0.9923	0.9405	0.8955
71.7	0.9883	0.9791	0.9865	0.9813	0.9627	0.9907	0.9356	0.8573
71.8	0.9827	0.9676	0.9779	0.9681	0.9517	0.9872	0.8946	0.8366
71.9	0.9838	0.9724	0.9726	0.9668	0.9361	0.9860	0.8908	0.8204
72.0	0.9832	0.9683	0.9756	0.9706	0.9515	0.9887	0.8993	0.7221
72.1	0.9883	0.9748	0.9820	0.9729	0.9525	0.9902	0.9200	0.6600
72.2	0.9900	0.9751	0.9782	0.9746	0.9547	0.9905	0.9269	0.6916
72.3	0.9859	0.9697	0.9752	0.9723	0.9601	0.9912	0.8974	0.6900
72.4	0.9841	0.9680	0.9758	0.9625	0.9600	0.9922	0.8973	0.6950
72.5	0.9881	0.9704	0.9766	0.9636	0.9580	0.9931	0.9178	0.6661
72.6	0.9856	0.9645	0.9688	0.9574	0.9494	0.9901	0.9177	0.5270
72.7	0.9787	0.9538	0.9529	0.9312	0.9397	0.9861	0.8615	0.2763
72.8	0.9816	0.9434	0.9584	0.9257	0.9444	0.9905	0.8711	0.3033
72.9	0.9757	0.9362	0.9638	0.9466	0.9457	0.9910	0.8819	0.2959
73.0	0.9774	0.9420	0.9525	0.9432	0.9546	0.9917	0.9050	0.2991
73.1	0.9750	0.9183	0.9528	0.9328	0.9485	0.9892	0.8841	0.3393
73.2	0.9738	0.8922	0.9289	0.9101	0.9515	0.9889	0.8565	0.1788
73.3	0.9731	0.9046	0.9342	0.9273	0.9565	0.9922	0.8953	0.2349
73.4	0.9713	0.9134	0.9474	0.9311	0.9571	0.9928	0.9063	0.2777
73.5	0.9744	0.9123	0.9604	0.9322	0.9396	0.9918	0.8993	0.3249
73.6	0.9801	0.9193	0.9605	0.9341	0.9386	0.9916	0.9079	0.3620
73.7	0.9720	0.8940	0.9516	0.9195	0.9395	0.9912	0.9022	0.3901
73.8	0.9726	0.8874	0.9515	0.9382	0.9302	0.9915	0.9106	0.4249
73.9	0.9653	0.8236	0.9316	0.9322	0.9112	0.9916	0.8947	0.4507
74.0	0.9744	0.8575	0.9541	0.9439	0.9152	0.9920	0.9296	0.5679
74.1	0.9635	0.8498	0.9352	0.9194	0.8855	0.9898	0.9132	0.5067
74.2	0.9432	0.6889	0.8944	0.8822	0.8652	0.9846	0.8940	0.4990
74.3	0.9614	0.7332	0.9078	0.9198	0.9208	0.9906	0.9277	0.5805
74.4	0.9464	0.6502	0.8768	0.9030	0.8714	0.9900	0.9183	0.6103
74.5	0.9494	0.5743	0.9202	0.9215	0.8930	0.9915	0.9316	0.6988
74.6	0.9602	0.6512	0.9250	0.9362	0.9158	0.9911	0.9554	0.7499
74.7	0.9603	0.6661	0.9337	0.9368	0.8914	0.9918	0.9414	0.7459
74.8	0.9559	0.5625	0.9272	0.9310	0.8737	0.9909	0.9352	0.7597
74.9	0.9558	0.5385	0.9414	0.9286	0.8818	0.9905	0.9429	0.7373
75.0	0.9520	0.5792	0.9313	0.9301	0.8504	0.9905	0.9458	0.7228
75.1	0.9533	0.4214	0.9283	0.9362	0.8711	0.9915	0.9474	0.7582
75.2	0.9625	0.3810	0.9449	0.9613	0.8684	0.9912	0.9561	0.7985
75.3	0.9586	0.4798	0.9487	0.9559	0.8786	0.9905	0.9495	0.7894
75.4	0.9533	0.4887	0.9444	0.9470	0.8639	0.9910	0.9396	0.8002
75.5	0.9596	0.5586	0.9416	0.9523	0.8650	0.9892	0.9537	0.8485
75.6	0.9530	0.4808	0.9348	0.9477	0.8389	0.9904	0.9500	0.8587
75.7	0.9608	0.4808	0.9503	0.9613	0.8365	0.9908	0.9645	0.8625
75.8	0.9659	0.5370	0.9497	0.9587	0.8547	0.9890	0.9650	0.8601
75.9	0.9641	0.4966	0.9422	0.9511	0.8130	0.9898	0.9537	0.8686
76.0	0.9710	0.5339	0.9626	0.9672	0.8295	0.9922	0.9673	0.8928
76.1	0.9670	0.5186	0.9529	0.9637	0.8402	0.9900	0.9600	0.8725
76.2	0.9726	0.5065	0.9529	0.9616	0.7914	0.9886	0.9596	0.8812
76.3	0.9823	0.6155	0.9663	0.9712	0.8407	0.9901	0.9705	0.9274
76.4	0.9792	0.7682	0.9681	0.9746	0.8266	0.9902	0.9731	0.9278
76.5	0.9721	0.6872	0.9612	0.9603	0.7643	0.9848	0.9645	0.8902
76.6	0.9747	0.6723	0.9645	0.9597	0.8173	0.9892	0.9569	0.9358
76.7	0.9778	0.7761	0.9683	0.9701	0.8130	0.9899	0.9663	0.9464

76.8	0.9756	0.8126	0.9653	0.9681	0.7918	0.9895	0.9720	0.9300
76.9	0.9745	0.8066	0.9646	0.9660	0.7564	0.9886	0.9683	0.9180
77.0	0.9804	0.8814	0.9721	0.9748	0.7392	0.9891	0.9741	0.9310
77.1	0.9837	0.8751	0.9750	0.9745	0.7549	0.9917	0.9756	0.9404
77.2	0.9831	0.8385	0.9730	0.9736	0.7698	0.9890	0.9705	0.9320
77.3	0.9875	0.8901	0.9733	0.9769	0.7583	0.9891	0.9803	0.9435
77.4	0.9837	0.8997	0.9707	0.9740	0.7488	0.9893	0.9759	0.9508
77.5	0.9827	0.9090	0.9720	0.9755	0.6359	0.9867	0.9740	0.9349
77.6	0.9818	0.9050	0.9699	0.9727	0.6531	0.9888	0.9758	0.9392
77.7	0.9749	0.8933	0.9661	0.9675	0.6567	0.9827	0.9647	0.9281
77.8	0.9850	0.9284	0.9779	0.9832	0.6893	0.9854	0.9766	0.9412
77.9	0.9859	0.9081	0.9732	0.9773	0.7762	0.9883	0.9783	0.9506
78.0	0.9835	0.9084	0.9705	0.9707	0.7046	0.9805	0.9752	0.9369
78.1	0.9825	0.9252	0.9717	0.9722	0.6433	0.9812	0.9727	0.9402
78.2	0.9801	0.9073	0.9685	0.9672	0.6520	0.9790	0.9718	0.9414
78.3	0.9844	0.9279	0.9748	0.9760	0.6361	0.9866	0.9743	0.9586
78.4	0.9865	0.9509	0.9830	0.9824	0.7048	0.9893	0.9792	0.9599
78.5	0.9754	0.9240	0.9739	0.9756	0.6624	0.9791	0.9685	0.9293
78.6	0.9791	0.9349	0.9734	0.9792	0.6336	0.9807	0.9726	0.9379
78.7	0.9867	0.9489	0.9758	0.9837	0.7084	0.9870	0.9814	0.9562
78.8	0.9834	0.9462	0.9764	0.9821	0.7456	0.9824	0.9769	0.9620
78.9	0.9476	0.9084	0.9317	0.9519	0.7608	0.9814	0.9017	0.9732
79.0	0.9323	0.8663	0.9031	0.9358	0.6754	0.9867	0.8972	0.9716
79.1	0.9617	0.9270	0.9496	0.9617	0.5578	0.9834	0.9529	0.9657
79.2	0.9849	0.9619	0.9825	0.9821	0.5515	0.9814	0.9806	0.9728
79.3	0.9862	0.9581	0.9824	0.9813	0.4961	0.9744	0.9818	0.9621
79.4	0.9880	0.9649	0.9836	0.9836	0.6308	0.9769	0.9839	0.9568
79.5	0.9883	0.9649	0.9811	0.9859	0.6668	0.9742	0.9861	0.9630
79.6	0.9894	0.9728	0.9855	0.9900	0.6766	0.9756	0.9886	0.9735
79.7	0.9901	0.9730	0.9850	0.9891	0.6600	0.9759	0.9865	0.9718
79.8	0.9902	0.9743	0.9869	0.9889	0.7118	0.9802	0.9863	0.9685
79.9	0.9888	0.9666	0.9856	0.9859	0.6667	0.9725	0.9839	0.9647
80.0	0.9897	0.9744	0.9847	0.9887	0.6737	0.9642	0.9846	0.9738

1.2.11 Run 3 – IP315-200 – NF and AF gauges

In-plane shaking at 315° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9872	0.9651	0.9980	0.9986	0.3877	0.9882	0.0523	0.9758
0.1	0.8877	0.7408	0.9823	0.9927	0.0372	0.9022	0.0595	0.7843
0.2	0.6677	0.6379	0.6753	0.6079	0.6092	0.6799	0.5910	0.3766
0.3	0.9495	0.9451	0.9546	0.9472	0.9506	0.9421	0.9218	0.8556
0.4	0.9829	0.9814	0.9839	0.9845	0.9865	0.9762	0.9742	0.9253
0.5	0.9939	0.9942	0.9961	0.9944	0.9945	0.9936	0.9913	0.9740
0.6	0.9982	0.9986	0.9988	0.9982	0.9986	0.9986	0.9972	0.9946
0.7	0.9995	0.9996	0.9996	0.9995	0.9996	0.9997	0.9992	0.9985
0.8	0.9996	0.9997	0.9997	0.9997	0.9994	0.9996	0.9988	0.9988
0.9	0.9997	0.9997	0.9997	0.9997	0.9995	0.9996	0.9988	0.9990
1.0	0.9995	0.9994	0.9994	0.9994	0.9994	0.9993	0.9988	0.9981
1.1	0.9978	0.9972	0.9979	0.9979	0.9979	0.9973	0.9955	0.9924
1.2	0.9992	0.9994	0.9991	0.9992	0.9994	0.9992	0.9982	0.9973
1.3	0.9997	0.9999	0.9996	0.9995	0.9997	0.9996	0.9993	0.9985
1.4	0.9999	0.9999	0.9993	0.9994	0.9997	0.9995	0.9993	0.9990
1.5	0.9999	0.9999	0.9988	0.9990	0.9998	0.9997	0.9994	0.9995
1.6	0.9999	0.9999	0.9989	0.9990	0.9997	0.9997	0.9993	0.9996
1.7	0.9998	0.9997	0.9957	0.9960	0.9991	0.9992	0.9989	0.9988
1.8	0.9996	0.9997	0.9920	0.9934	0.9984	0.9985	0.9979	0.9981
1.9	0.9994	0.9993	0.9858	0.9882	0.9962	0.9968	0.9963	0.9951
2.0	0.9982	0.9983	0.9880	0.9903	0.9905	0.9912	0.9891	0.9880
2.1	0.9912	0.9921	0.9926	0.9942	0.9655	0.9669	0.9589	0.9607
2.2	0.9745	0.9766	0.9938	0.9957	0.9266	0.9282	0.9164	0.9200
2.3	0.7795	0.7960	0.9810	0.9878	0.5496	0.5549	0.5155	0.5321
2.4	0.7285	0.7777	0.9959	0.9969	0.2293	0.2212	0.3258	0.2867
2.5	0.9796	0.9841	0.9988	0.9991	0.2245	0.2288	0.5041	0.3841
2.6	0.9980	0.9983	0.9995	0.9996	0.8941	0.9098	0.5513	0.7639
2.7	0.9992	0.9994	0.9997	0.9997	0.9778	0.9806	0.9316	0.9587
2.8	0.9995	0.9995	0.9997	0.9997	0.9886	0.9897	0.9711	0.9816
2.9	0.9997	0.9998	0.9997	0.9997	0.9962	0.9966	0.9914	0.9939
3.0	0.9999	0.9999	0.9997	0.9998	0.9986	0.9987	0.9969	0.9977
3.1	0.9999	0.9999	0.9998	0.9998	0.9988	0.9990	0.9974	0.9984
3.2	0.9999	0.9999	0.9999	0.9999	0.9994	0.9994	0.9988	0.9992
3.3	1.0000	1.0000	0.9999	0.9999	0.9997	0.9997	0.9995	0.9995
3.4	0.9999	0.9999	0.9999	0.9999	0.9996	0.9996	0.9991	0.9993
3.5	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998	0.9997	0.9998
3.6	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998	0.9996	0.9997
3.7	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9997	0.9998
3.8	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998
3.9	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998
4.0	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9998	0.9999
4.1	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998
4.2	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998
4.3	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9997	0.9998
4.4	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9997	0.9998
4.5	0.9999	1.0000	0.9999	0.9999	0.9999	0.9999	0.9997	0.9998
4.6	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9997	0.9998
4.7	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9996	0.9996
4.8	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9995	0.9996
4.9	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9995	0.9997
5.0	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9995	0.9997
5.1	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9995	0.9995
5.2	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9997	0.9996
5.3	0.9999	0.9999	1.0000	0.9999	0.9999	0.9999	0.9997	0.9998
5.4	0.9999	1.0000	1.0000	1.0000	0.9999	0.9999	0.9996	0.9998
5.5	0.9999	1.0000	0.9999	1.0000	0.9999	0.9999	0.9996	0.9997
5.6	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9994	0.9995
5.7	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9993	0.9995
5.8	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9995	0.9996
5.9	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9995	0.9995
6.0	0.9999	0.9999	0.9999	0.9999	0.9998	0.9999	0.9995	0.9994
6.1	0.9998	0.9999	0.9999	0.9999	0.9998	0.9998	0.9994	0.9995
6.2	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9994	0.9995
6.3	0.9998	0.9998	0.9999	0.9999	0.9996	0.9997	0.9993	0.9991
6.4	0.9997	0.9998	0.9999	0.9999	0.9996	0.9996	0.9994	0.9991
6.5	0.9996	0.9998	0.9999	0.9998	0.9996	0.9996	0.9994	0.9989
6.6	0.9994	0.9997	0.9999	0.9998	0.9995	0.9995	0.9993	0.9986
6.7	0.9991	0.9997	0.9998	0.9998	0.9993	0.9994	0.9991	0.9983
6.8	0.9990	0.9997	0.9997	0.9997	0.9992	0.9993	0.9990	0.9982
6.9	0.9977	0.9996	0.9991	0.9995	0.9981	0.9985	0.9984	0.9968
7.0	0.9928	0.9991	0.9953	0.9988	0.9944	0.9957	0.9956	0.9920
7.1	0.9780	0.9982	0.9874	0.9963	0.9833	0.9874	0.9890	0.9759
7.2	0.9782	0.9987	0.9925	0.9970	0.9843	0.9887	0.9899	0.9769
7.3	0.9941	0.9996	0.9985	0.9993	0.9964	0.9975	0.9979	0.9934
7.4	0.9886	0.9994	0.9981	0.9987	0.9932	0.9956	0.9955	0.9883
7.5	0.9923	0.9991	0.9991	0.9990	0.9945	0.9961	0.9954	0.9913
7.6	0.9977	0.9994	0.9998	0.9996	0.9981	0.9984	0.9982	0.9950
7.7	0.9985	0.9993	0.9999	0.9997	0.9987	0.9986	0.9979	0.9970
7.8	0.9993	0.9994	0.9998	0.9998	0.9992	0.9991	0.9986	0.9980
7.9	0.9994	0.9997	0.9998	0.9999	0.9994	0.9994	0.9990	0.9984

8.0	0.9991	0.9995	0.9998	0.9998	0.9990	0.9991	0.9986	0.9978
8.1	0.9994	0.9995	0.9998	0.9999	0.9993	0.9993	0.9991	0.9978
8.2	0.9991	0.9993	0.9997	0.9998	0.9991	0.9991	0.9986	0.9981
8.3	0.9991	0.9992	0.9998	0.9998	0.9991	0.9991	0.9987	0.9982
8.4	0.9993	0.9994	0.9999	0.9999	0.9991	0.9991	0.9988	0.9983
8.5	0.9987	0.9989	0.9998	0.9999	0.9984	0.9984	0.9983	0.9969
8.6	0.9986	0.9986	0.9998	0.9999	0.9982	0.9983	0.9977	0.9973
8.7	0.9988	0.9987	0.9998	0.9998	0.9984	0.9984	0.9985	0.9970
8.8	0.9979	0.9973	0.9997	0.9997	0.9965	0.9966	0.9964	0.9949
8.9	0.9974	0.9967	0.9997	0.9996	0.9958	0.9961	0.9955	0.9947
9.0	0.9939	0.9924	0.9997	0.9991	0.9899	0.9905	0.9891	0.9876
9.1	0.9956	0.9943	0.9996	0.9994	0.9925	0.9929	0.9916	0.9906
9.2	0.9820	0.9758	0.9992	0.9973	0.9696	0.9715	0.9701	0.9650
9.3	0.9650	0.9542	0.9995	0.9957	0.9433	0.9485	0.9459	0.9361
9.4	0.9682	0.9581	0.9997	0.9979	0.9482	0.9534	0.9520	0.9423
9.5	0.9765	0.9645	0.9997	0.9989	0.9511	0.9585	0.9616	0.9384
9.6	0.9821	0.9695	0.9996	0.9994	0.9484	0.9616	0.9564	0.9362
9.7	0.9899	0.9823	0.9995	0.9994	0.9639	0.9754	0.9624	0.9476
9.8	0.9949	0.9924	0.9995	0.9995	0.9845	0.9889	0.9754	0.9798
9.9	0.9954	0.9943	0.9992	0.9994	0.9896	0.9921	0.9761	0.9882
10.0	0.9943	0.9933	0.9988	0.9990	0.9901	0.9913	0.9761	0.9785
10.1	0.9950	0.9949	0.9987	0.9990	0.9925	0.9931	0.9844	0.9791
10.2	0.9972	0.9972	0.9989	0.9992	0.9960	0.9964	0.9931	0.9884
10.3	0.9985	0.9985	0.9990	0.9992	0.9982	0.9983	0.9972	0.9930
10.4	0.9988	0.9988	0.9993	0.9994	0.9984	0.9984	0.9977	0.9949
10.5	0.9985	0.9985	0.9993	0.9994	0.9983	0.9983	0.9973	0.9955
10.6	0.9984	0.9983	0.9989	0.9992	0.9981	0.9983	0.9978	0.9957
10.7	0.9985	0.9984	0.9991	0.9993	0.9982	0.9983	0.9978	0.9961
10.8	0.9986	0.9986	0.9991	0.9993	0.9986	0.9986	0.9983	0.9971
10.9	0.9981	0.9980	0.9990	0.9991	0.9981	0.9980	0.9974	0.9966
11.0	0.9978	0.9979	0.9989	0.9991	0.9981	0.9981	0.9977	0.9963
11.1	0.9978	0.9977	0.9989	0.9990	0.9978	0.9980	0.9977	0.9963
11.2	0.9981	0.9981	0.9988	0.9989	0.9982	0.9983	0.9979	0.9971
11.3	0.9977	0.9979	0.9988	0.9989	0.9981	0.9982	0.9982	0.9968
11.4	0.9978	0.9980	0.9990	0.9991	0.9981	0.9981	0.9983	0.9970
11.5	0.9978	0.9980	0.9989	0.9990	0.9981	0.9982	0.9983	0.9969
11.6	0.9967	0.9967	0.9984	0.9985	0.9970	0.9971	0.9969	0.9963
11.7	0.9974	0.9974	0.9986	0.9987	0.9976	0.9977	0.9981	0.9963
11.8	0.9962	0.9963	0.9977	0.9978	0.9965	0.9965	0.9966	0.9956
11.9	0.9956	0.9958	0.9981	0.9982	0.9960	0.9961	0.9963	0.9950
12.0	0.9963	0.9964	0.9981	0.9982	0.9966	0.9967	0.9969	0.9956
12.1	0.9955	0.9957	0.9976	0.9977	0.9959	0.9960	0.9960	0.9953
12.2	0.9940	0.9944	0.9967	0.9968	0.9946	0.9948	0.9951	0.9940
12.3	0.9937	0.9939	0.9957	0.9958	0.9944	0.9942	0.9944	0.9936
12.4	0.9934	0.9933	0.9948	0.9948	0.9941	0.9939	0.9944	0.9927
12.5	0.9922	0.9920	0.9948	0.9948	0.9926	0.9929	0.9932	0.9915
12.6	0.9908	0.9909	0.9955	0.9956	0.9916	0.9919	0.9920	0.9908
12.7	0.9888	0.9889	0.9935	0.9936	0.9899	0.9902	0.9895	0.9894
12.8	0.9837	0.9836	0.9916	0.9917	0.9850	0.9851	0.9841	0.9847
12.9	0.9830	0.9829	0.9902	0.9905	0.9841	0.9839	0.9831	0.9839
13.0	0.9874	0.9872	0.9887	0.9888	0.9879	0.9883	0.9878	0.9870
13.1	0.9844	0.9846	0.9860	0.9861	0.9853	0.9855	0.9859	0.9842
13.2	0.9745	0.9747	0.9818	0.9820	0.9760	0.9766	0.9776	0.9734
13.3	0.9613	0.9617	0.9722	0.9722	0.9631	0.9647	0.9675	0.9582
13.4	0.9476	0.9480	0.9652	0.9650	0.9493	0.9520	0.9557	0.9419
13.5	0.9484	0.9485	0.9620	0.9616	0.9499	0.9520	0.9554	0.9433
13.6	0.9320	0.9320	0.9595	0.9591	0.9335	0.9357	0.9401	0.9270
13.7	0.9438	0.9445	0.9777	0.9774	0.9454	0.9454	0.9480	0.9423
13.8	0.9425	0.9433	0.9815	0.9811	0.9440	0.9440	0.9463	0.9418
13.9	0.9241	0.9248	0.9820	0.9817	0.9255	0.9253	0.9272	0.9238
14.0	0.8921	0.8925	0.9845	0.9844	0.8930	0.8931	0.8951	0.8909
14.1	0.9139	0.9140	0.9879	0.9876	0.9141	0.9143	0.9151	0.9130
14.2	0.9087	0.9086	0.9828	0.9826	0.9083	0.9092	0.9084	0.9082
14.3	0.9344	0.9345	0.9901	0.9901	0.9340	0.9347	0.9339	0.9336
14.4	0.9250	0.9250	0.9870	0.9871	0.9242	0.9252	0.9250	0.9235
14.5	0.9537	0.9535	0.9916	0.9916	0.9529	0.9534	0.9523	0.9525
14.6	0.9627	0.9624	0.9928	0.9929	0.9616	0.9619	0.9603	0.9616
14.7	0.9725	0.9725	0.9946	0.9950	0.9716	0.9718	0.9704	0.9713
14.8	0.9720	0.9728	0.9963	0.9963	0.9718	0.9719	0.9706	0.9719
14.9	0.9805	0.9812	0.9980	0.9979	0.9805	0.9805	0.9798	0.9803
15.0	0.9862	0.9866	0.9976	0.9976	0.9860	0.9859	0.9848	0.9860
15.1	0.9868	0.9871	0.9966	0.9966	0.9864	0.9864	0.9850	0.9869
15.2	0.9895	0.9898	0.9975	0.9976	0.9891	0.9891	0.9885	0.9889
15.3	0.9911	0.9913	0.9979	0.9979	0.9907	0.9906	0.9900	0.9906
15.4	0.9920	0.9921	0.9978	0.9978	0.9915	0.9914	0.9907	0.9914
15.5	0.9936	0.9937	0.9979	0.9979	0.9932	0.9931	0.9924	0.9932
15.6	0.9955	0.9957	0.9985	0.9984	0.9952	0.9951	0.9949	0.9950
15.7	0.9945	0.9946	0.9982	0.9981	0.9939	0.9941	0.9935	0.9939
15.8	0.9913	0.9914	0.9968	0.9966	0.9904	0.9906	0.9897	0.9904
15.9	0.9950	0.9952	0.9982	0.9981	0.9945	0.9945	0.9938	0.9944
16.0	0.9956	0.9955	0.9984	0.9984	0.9948	0.9948	0.9942	0.9947
16.1	0.9943	0.9941	0.9979	0.9980	0.9930	0.9933	0.9924	0.9932
16.2	0.9950	0.9948	0.9985	0.9984	0.9941	0.9944	0.9936	0.9941
16.3	0.9949	0.9949	0.9986	0.9986	0.9941	0.9944	0.9936	0.9940
16.4	0.9959	0.9958	0.9990	0.9989	0.9951	0.9952	0.9946	0.9950
16.5	0.9954	0.9952	0.9990	0.9990	0.9936	0.9941	0.9928	0.9937

16.6	0.9953	0.9950	0.9991	0.9991	0.9933	0.9939	0.9925	0.9932
16.7	0.9958	0.9958	0.9992	0.9991	0.9944	0.9947	0.9935	0.9945
16.8	0.9963	0.9963	0.9990	0.9988	0.9952	0.9957	0.9942	0.9954
16.9	0.9951	0.9947	0.9984	0.9981	0.9933	0.9938	0.9922	0.9938
17.0	0.9950	0.9945	0.9986	0.9983	0.9932	0.9934	0.9915	0.9933
17.1	0.9963	0.9958	0.9985	0.9985	0.9940	0.9941	0.9923	0.9932
17.2	0.9961	0.9959	0.9986	0.9984	0.9945	0.9947	0.9930	0.9944
17.3	0.9955	0.9952	0.9982	0.9979	0.9934	0.9937	0.9911	0.9938
17.4	0.9941	0.9936	0.9981	0.9982	0.9905	0.9913	0.9878	0.9910
17.5	0.9945	0.9943	0.9986	0.9985	0.9907	0.9923	0.9881	0.9919
17.6	0.9940	0.9942	0.9983	0.9984	0.9907	0.9916	0.9880	0.9913
17.7	0.9932	0.9930	0.9978	0.9982	0.9884	0.9886	0.9827	0.9875
17.8	0.9940	0.9931	0.9986	0.9986	0.9888	0.9895	0.9838	0.9886
17.9	0.9924	0.9917	0.9984	0.9985	0.9858	0.9867	0.9803	0.9865
18.0	0.9915	0.9917	0.9979	0.9979	0.9851	0.9863	0.9777	0.9873
18.1	0.9923	0.9929	0.9983	0.9984	0.9874	0.9872	0.9802	0.9885
18.2	0.9918	0.9920	0.9982	0.9981	0.9857	0.9863	0.9771	0.9867
18.3	0.9897	0.9891	0.9981	0.9977	0.9808	0.9827	0.9699	0.9804
18.4	0.9904	0.9891	0.9982	0.9978	0.9801	0.9820	0.9654	0.9812
18.5	0.9920	0.9914	0.9978	0.9977	0.9834	0.9840	0.9701	0.9830
18.6	0.9890	0.9891	0.9973	0.9966	0.9782	0.9796	0.9627	0.9755
18.7	0.9837	0.9833	0.9966	0.9963	0.9643	0.9658	0.9349	0.9651
18.8	0.9896	0.9893	0.9978	0.9976	0.9746	0.9768	0.9525	0.9766
18.9	0.9902	0.9899	0.9977	0.9977	0.9756	0.9783	0.9557	0.9746
19.0	0.9855	0.9855	0.9972	0.9969	0.9644	0.9672	0.9347	0.9648
19.1	0.9836	0.9833	0.9962	0.9961	0.9560	0.9597	0.9179	0.9580
19.2	0.9816	0.9803	0.9952	0.9945	0.9452	0.9501	0.8924	0.9450
19.3	0.9790	0.9782	0.9952	0.9947	0.9364	0.9401	0.8642	0.9342
19.4	0.9773	0.9746	0.9936	0.9942	0.9235	0.9287	0.8245	0.9139
19.5	0.9796	0.9767	0.9933	0.9936	0.9241	0.9325	0.8343	0.9056
19.6	0.9802	0.9771	0.9943	0.9940	0.9188	0.9311	0.8168	0.8962
19.7	0.9765	0.9727	0.9939	0.9931	0.9057	0.9161	0.7807	0.8698
19.8	0.9776	0.9746	0.9935	0.9935	0.9030	0.9090	0.7736	0.8460
19.9	0.9845	0.9819	0.9962	0.9957	0.9228	0.9333	0.8032	0.8790
20.0	0.9801	0.9758	0.9948	0.9942	0.8923	0.9038	0.7258	0.8218
20.1	0.9799	0.9751	0.9945	0.9936	0.8701	0.8893	0.6125	0.7271
20.2	0.9776	0.9710	0.9937	0.9929	0.8357	0.8582	0.5142	0.6601
20.3	0.9735	0.9687	0.9920	0.9923	0.8055	0.8325	0.4696	0.5970
20.4	0.9713	0.9662	0.9903	0.9902	0.7552	0.7880	0.3592	0.4160
20.5	0.9726	0.9687	0.9914	0.9918	0.7765	0.7889	0.4379	0.3756
20.6	0.9694	0.9676	0.9907	0.9899	0.7163	0.7556	0.3377	0.1209
20.7	0.9750	0.9742	0.9929	0.9909	0.6830	0.7392	0.1863	0.0005
20.8	0.9764	0.9727	0.9921	0.9906	0.6419	0.6831	0.2316	0.1090
20.9	0.9531	0.9490	0.9863	0.9827	0.4024	0.4479	0.1867	0.2490
21.0	0.9507	0.9501	0.9882	0.9819	0.3048	0.3450	0.2254	0.3559
21.1	0.9521	0.9477	0.9854	0.9832	0.2535	0.2799	0.2970	0.3788
21.2	0.9363	0.9373	0.9745	0.9727	0.2074	0.1801	0.3661	0.5070
21.3	0.9453	0.9450	0.9787	0.9785	0.2679	0.2342	0.4636	0.5679
21.4	0.9524	0.9506	0.9856	0.9837	0.2177	0.1737	0.6316	0.7071
21.5	0.9489	0.9445	0.9850	0.9829	0.2873	0.2256	0.6859	0.7551
21.6	0.9283	0.9311	0.9852	0.9808	0.3680	0.3378	0.7152	0.7874
21.7	0.9426	0.9472	0.9887	0.9850	0.5726	0.5849	0.8227	0.8710
21.8	0.9235	0.9294	0.9855	0.9828	0.6082	0.6009	0.8263	0.8462
21.9	0.8732	0.8800	0.9757	0.9654	0.6955	0.6717	0.8348	0.8741
22.0	0.8848	0.8830	0.9780	0.9698	0.7208	0.7406	0.8504	0.9174
22.1	0.8531	0.8536	0.9690	0.9594	0.7731	0.7767	0.8680	0.9128
22.2	0.8793	0.8829	0.9757	0.9664	0.8281	0.8386	0.9017	0.9253
22.3	0.8578	0.8649	0.9715	0.9585	0.8258	0.8203	0.8854	0.9230
22.4	0.8307	0.8423	0.9633	0.9589	0.8334	0.8223	0.8727	0.9408
22.5	0.8185	0.8384	0.9594	0.9480	0.8644	0.8589	0.9016	0.9444
22.6	0.7278	0.7673	0.9435	0.9211	0.8407	0.8316	0.8818	0.9283
22.7	0.7035	0.7395	0.9434	0.9222	0.8588	0.8621	0.8929	0.9413
22.8	0.7687	0.8073	0.9619	0.9454	0.9140	0.9228	0.9450	0.9602
22.9	0.7839	0.8172	0.9508	0.9340	0.9200	0.9277	0.9579	0.9537
23.0	0.6673	0.7116	0.9262	0.9114	0.9073	0.9140	0.9417	0.9496
23.1	0.5796	0.6007	0.9220	0.8995	0.9047	0.9223	0.9415	0.9514
23.2	0.5606	0.6032	0.9440	0.9172	0.9397	0.9479	0.9650	0.9681
23.3	0.5849	0.6272	0.9470	0.9177	0.9477	0.9503	0.9659	0.9701
23.4	0.2415	0.2825	0.9225	0.8751	0.9400	0.9450	0.9615	0.9628
23.5	0.2223	0.2136	0.9200	0.8376	0.9521	0.9612	0.9675	0.9774
23.6	0.2791	0.2915	0.9315	0.8438	0.9532	0.9570	0.9654	0.9774
23.7	0.2832	0.2893	0.9297	0.8672	0.9582	0.9644	0.9681	0.9744
23.8	0.2308	0.2042	0.9235	0.8781	0.9662	0.9711	0.9741	0.9748
23.9	0.2492	0.1889	0.8973	0.8210	0.9673	0.9766	0.9759	0.9798
24.0	0.3029	0.1416	0.8193	0.6757	0.9613	0.9718	0.9705	0.9765
24.1	0.4227	0.2289	0.7624	0.5844	0.9688	0.9785	0.9754	0.9829
24.2	0.3858	0.2415	0.5789	0.4185	0.9571	0.9707	0.9710	0.9752
24.3	0.5536	0.4105	0.6341	0.5263	0.9702	0.9768	0.9768	0.9771
24.4	0.6031	0.4640	0.6420	0.4606	0.9714	0.9780	0.9755	0.9810
24.5	0.6205	0.4471	0.5279	0.4371	0.9738	0.9785	0.9783	0.9824
24.6	0.6514	0.4877	0.5011	0.4227	0.9750	0.9783	0.9787	0.9849
24.7	0.7697	0.6128	0.6307	0.6167	0.9821	0.9855	0.9837	0.9875
24.8	0.8527	0.7235	0.7821	0.7735	0.9886	0.9897	0.9872	0.9920
24.9	0.8481	0.7503	0.7557	0.7909	0.9844	0.9850	0.9855	0.9905
25.0	0.8695	0.8072	0.7971	0.8455	0.9876	0.9888	0.9871	0.9919
25.1	0.8673	0.7719	0.8214	0.8600	0.9857	0.9882	0.9864	0.9892

25.2	0.8921	0.7851	0.8577	0.8556	0.9868	0.9895	0.9880	0.9890
25.3	0.8954	0.8217	0.8965	0.8828	0.9848	0.9903	0.9870	0.9891
25.4	0.9099	0.8478	0.9071	0.8938	0.9853	0.9901	0.9866	0.9905
25.5	0.9135	0.8589	0.9082	0.9006	0.9856	0.9896	0.9850	0.9906
25.6	0.9242	0.8668	0.9211	0.9224	0.9872	0.9911	0.9879	0.9912
25.7	0.9334	0.8694	0.9178	0.9163	0.9875	0.9908	0.9878	0.9902
25.8	0.9436	0.8915	0.9353	0.9394	0.9901	0.9931	0.9901	0.9927
25.9	0.9360	0.8877	0.9456	0.9445	0.9890	0.9934	0.9899	0.9925
26.0	0.9426	0.9106	0.9611	0.9510	0.9898	0.9925	0.9907	0.9928
26.1	0.9514	0.9275	0.9550	0.9626	0.9908	0.9926	0.9919	0.9927
26.2	0.9543	0.9239	0.9510	0.9565	0.9905	0.9918	0.9903	0.9935
26.3	0.9583	0.9156	0.9507	0.9511	0.9903	0.9918	0.9899	0.9925
26.4	0.9594	0.9233	0.9623	0.9633	0.9912	0.9924	0.9908	0.9933
26.5	0.9632	0.9456	0.9716	0.9715	0.9926	0.9936	0.9918	0.9947
26.6	0.9728	0.9566	0.9667	0.9724	0.9940	0.9943	0.9926	0.9950
26.7	0.9746	0.9622	0.9774	0.9790	0.9938	0.9945	0.9935	0.9949
26.8	0.9740	0.9685	0.9824	0.9808	0.9942	0.9948	0.9938	0.9951
26.9	0.9682	0.9593	0.9790	0.9782	0.9918	0.9930	0.9906	0.9949
27.0	0.9698	0.9629	0.9793	0.9782	0.9925	0.9943	0.9921	0.9937
27.1	0.9709	0.9624	0.9775	0.9733	0.9934	0.9947	0.9933	0.9942
27.2	0.9739	0.9671	0.9803	0.9801	0.9938	0.9947	0.9931	0.9943
27.3	0.9712	0.9606	0.9776	0.9773	0.9927	0.9935	0.9904	0.9937
27.4	0.9789	0.9715	0.9784	0.9791	0.9937	0.9948	0.9924	0.9930
27.5	0.9761	0.9702	0.9824	0.9824	0.9932	0.9931	0.9922	0.9930
27.6	0.9742	0.9671	0.9786	0.9799	0.9917	0.9922	0.9906	0.9926
27.7	0.9783	0.9718	0.9814	0.9834	0.9924	0.9931	0.9917	0.9918
27.8	0.9787	0.9702	0.9738	0.9821	0.9932	0.9937	0.9925	0.9938
27.9	0.9760	0.9707	0.9600	0.9717	0.9920	0.9925	0.9903	0.9949
28.0	0.9784	0.9671	0.9622	0.9671	0.9926	0.9930	0.9906	0.9946
28.1	0.9815	0.9762	0.9752	0.9788	0.9949	0.9942	0.9933	0.9956
28.2	0.9801	0.9759	0.9799	0.9812	0.9945	0.9936	0.9937	0.9950
28.3	0.9796	0.9746	0.9723	0.9789	0.9943	0.9935	0.9925	0.9952
28.4	0.9811	0.9737	0.9744	0.9818	0.9948	0.9934	0.9918	0.9960
28.5	0.9833	0.9737	0.9757	0.9802	0.9944	0.9936	0.9924	0.9960
28.6	0.9787	0.9667	0.9744	0.9790	0.9920	0.9911	0.9900	0.9950
28.7	0.9695	0.9532	0.9665	0.9693	0.9872	0.9864	0.9848	0.9923
28.8	0.9732	0.9568	0.9643	0.9720	0.9869	0.9880	0.9867	0.9907
28.9	0.9810	0.9689	0.9693	0.9817	0.9907	0.9913	0.9902	0.9930
29.0	0.9819	0.9729	0.9713	0.9834	0.9922	0.9914	0.9911	0.9925
29.1	0.9826	0.9745	0.9768	0.9854	0.9929	0.9922	0.9924	0.9933
29.2	0.9822	0.9739	0.9702	0.9857	0.9932	0.9921	0.9919	0.9940
29.3	0.9776	0.9689	0.9618	0.9815	0.9909	0.9896	0.9890	0.9909
29.4	0.9746	0.9628	0.9613	0.9776	0.9889	0.9869	0.9858	0.9899
29.5	0.9834	0.9745	0.9766	0.9868	0.9927	0.9912	0.9903	0.9936
29.6	0.9800	0.9726	0.9731	0.9868	0.9902	0.9887	0.9886	0.9906
29.7	0.9737	0.9650	0.9703	0.9843	0.9876	0.9853	0.9853	0.9876
29.8	0.9770	0.9694	0.9781	0.9844	0.9889	0.9874	0.9859	0.9898
29.9	0.9695	0.9573	0.9697	0.9808	0.9847	0.9836	0.9817	0.9851
30.0	0.9641	0.9523	0.9590	0.9781	0.9822	0.9799	0.9794	0.9825
30.1	0.9750	0.9676	0.9721	0.9822	0.9859	0.9848	0.9839	0.9871
30.2	0.9727	0.9624	0.9684	0.9813	0.9854	0.9842	0.9828	0.9866
30.3	0.9789	0.9665	0.9712	0.9859	0.9875	0.9863	0.9860	0.9860
30.4	0.9788	0.9692	0.9714	0.9835	0.9871	0.9863	0.9849	0.9873
30.5	0.9760	0.9664	0.9722	0.9817	0.9852	0.9832	0.9819	0.9875
30.6	0.9745	0.9647	0.9721	0.9808	0.9844	0.9818	0.9806	0.9857
30.7	0.9677	0.9541	0.9685	0.9761	0.9796	0.9772	0.9769	0.9791
30.8	0.9653	0.9513	0.9681	0.9778	0.9791	0.9764	0.9758	0.9802
30.9	0.9617	0.9470	0.9712	0.9775	0.9764	0.9739	0.9736	0.9765
31.0	0.9574	0.9432	0.9676	0.9731	0.9726	0.9704	0.9674	0.9775
31.1	0.9580	0.9464	0.9689	0.9749	0.9713	0.9684	0.9674	0.9761
31.2	0.9508	0.9382	0.9643	0.9668	0.9666	0.9635	0.9621	0.9716
31.3	0.9532	0.9399	0.9671	0.9711	0.9672	0.9652	0.9645	0.9698
31.4	0.9474	0.9336	0.9614	0.9683	0.9629	0.9597	0.9597	0.9637
31.5	0.9548	0.9440	0.9674	0.9720	0.9657	0.9639	0.9643	0.9662
31.6	0.9514	0.9369	0.9650	0.9695	0.9609	0.9595	0.9594	0.9633
31.7	0.9407	0.9271	0.9581	0.9631	0.9508	0.9493	0.9493	0.9527
31.8	0.9547	0.9432	0.9706	0.9742	0.9624	0.9601	0.9622	0.9605
31.9	0.9369	0.9268	0.9578	0.9626	0.9472	0.9451	0.9494	0.9457
32.0	0.9069	0.8920	0.9347	0.9452	0.9208	0.9182	0.9257	0.9176
32.1	0.9135	0.8949	0.9420	0.9497	0.9241	0.9220	0.9266	0.9226
32.2	0.9203	0.9012	0.9443	0.9528	0.9287	0.9268	0.9318	0.9264
32.3	0.9029	0.8842	0.9310	0.9442	0.9117	0.9096	0.9180	0.9067
32.4	0.9096	0.8954	0.9321	0.9430	0.9181	0.9155	0.9223	0.9135
32.5	0.9120	0.8999	0.9345	0.9436	0.9174	0.9166	0.9220	0.9142
32.6	0.9194	0.9097	0.9411	0.9481	0.9234	0.9226	0.9295	0.9189
32.7	0.8965	0.8801	0.9221	0.9315	0.9007	0.8990	0.9072	0.8954
32.8	0.9145	0.9020	0.9355	0.9436	0.9167	0.9163	0.9221	0.9133
32.9	0.8862	0.8726	0.9159	0.9264	0.8887	0.8880	0.8956	0.8838
33.0	0.8830	0.8693	0.9049	0.9183	0.8824	0.8814	0.8883	0.8782
33.1	0.8855	0.8718	0.8981	0.9158	0.8839	0.8833	0.8905	0.8796
33.2	0.8671	0.8556	0.8719	0.8936	0.8660	0.8652	0.8720	0.8617
33.3	0.9114	0.9019	0.9089	0.9266	0.9077	0.9067	0.9113	0.9044
33.4	0.8717	0.8595	0.8750	0.8864	0.8644	0.8648	0.8719	0.8571
33.5	0.8987	0.8883	0.8864	0.9088	0.8899	0.8908	0.8950	0.8859
33.6	0.9081	0.8972	0.8981	0.9145	0.8988	0.8995	0.9038	0.8950
33.7	0.9160	0.9047	0.9028	0.9225	0.9059	0.9062	0.9097	0.9019

33.8	0.8488	0.8288	0.8635	0.8526	0.8269	0.8290	0.8350	0.8193
33.9	0.8430	0.8222	0.8475	0.8418	0.8154	0.8163	0.8233	0.8056
34.0	0.8517	0.8379	0.8698	0.8398	0.8220	0.8238	0.8304	0.8114
34.1	0.8820	0.8636	0.8954	0.8758	0.8507	0.8522	0.8576	0.8427
34.2	0.8515	0.8317	0.8916	0.8527	0.8099	0.8112	0.8141	0.8029
34.3	0.8270	0.8030	0.8717	0.8168	0.7825	0.7852	0.7847	0.7762
34.4	0.8410	0.8216	0.8957	0.8495	0.7934	0.7979	0.7962	0.7874
34.5	0.8250	0.8014	0.8921	0.8393	0.7655	0.7712	0.7672	0.7590
34.6	0.8126	0.7879	0.9041	0.8597	0.7414	0.7482	0.7442	0.7347
34.7	0.7998	0.7679	0.9414	0.9048	0.7113	0.7193	0.7059	0.7059
34.8	0.7569	0.7288	0.9397	0.8932	0.6171	0.6345	0.6261	0.5963
34.9	0.8053	0.7782	0.9516	0.9279	0.6657	0.6818	0.6853	0.6317
35.0	0.7743	0.7375	0.9467	0.9112	0.6242	0.6386	0.6419	0.5904
35.1	0.7306	0.6797	0.9395	0.8985	0.5261	0.5381	0.5381	0.4950
35.2	0.7398	0.6862	0.9540	0.9201	0.5099	0.5235	0.5298	0.4759
35.3	0.6803	0.6113	0.9562	0.9222	0.4006	0.4219	0.4292	0.3605
35.4	0.6583	0.5694	0.9546	0.9282	0.3719	0.3859	0.3864	0.3656
35.5	0.7146	0.6224	0.9531	0.9459	0.4991	0.4944	0.4809	0.5138
35.6	0.5505	0.4478	0.9540	0.9234	0.3063	0.3010	0.2599	0.3609
35.7	0.5950	0.5170	0.9427	0.9116	0.3840	0.3789	0.3353	0.4257
35.8	0.5540	0.4812	0.9420	0.9177	0.4667	0.4517	0.3724	0.5217
35.9	0.6521	0.5877	0.9642	0.9355	0.6148	0.6019	0.4915	0.6776
36.0	0.7197	0.6263	0.9559	0.9430	0.7020	0.6932	0.5737	0.7639
36.1	0.7042	0.6105	0.9413	0.9425	0.6873	0.6719	0.5145	0.7613
36.2	0.6386	0.4919	0.9522	0.9512	0.6908	0.6633	0.4980	0.7524
36.3	0.6389	0.5004	0.9599	0.9501	0.6998	0.6784	0.5388	0.7484
36.4	0.6994	0.5762	0.9651	0.9664	0.7628	0.7418	0.6022	0.8097
36.5	0.7855	0.6898	0.9746	0.9734	0.8226	0.8086	0.6764	0.8549
36.6	0.8052	0.7183	0.9708	0.9688	0.8328	0.8248	0.6738	0.8600
36.7	0.8033	0.6967	0.9710	0.9721	0.8296	0.8202	0.6462	0.8632
36.8	0.8375	0.7733	0.9765	0.9775	0.8478	0.8389	0.7043	0.8737
36.9	0.8405	0.7875	0.9710	0.9754	0.8586	0.8479	0.7535	0.8749
37.0	0.8917	0.8195	0.9727	0.9825	0.8994	0.8906	0.8080	0.9108
37.1	0.9143	0.8436	0.9755	0.9850	0.9194	0.9143	0.8157	0.9349
37.2	0.9260	0.8737	0.9752	0.9838	0.9265	0.9212	0.8283	0.9359
37.3	0.9192	0.8665	0.9723	0.9791	0.9188	0.9155	0.8208	0.9286
37.4	0.8909	0.8148	0.9604	0.9568	0.8887	0.8854	0.7827	0.8957
37.5	0.9131	0.8648	0.9701	0.9739	0.9215	0.9164	0.8388	0.9275
37.6	0.9449	0.9177	0.9774	0.9869	0.9481	0.9467	0.8855	0.9531
37.7	0.9507	0.9195	0.9758	0.9857	0.9471	0.9463	0.9167	0.9463
37.8	0.9479	0.9075	0.9767	0.9847	0.9451	0.9430	0.9240	0.9468
37.9	0.9450	0.9103	0.9760	0.9823	0.9461	0.9446	0.9195	0.9487
38.0	0.9612	0.9237	0.9738	0.9835	0.9574	0.9560	0.9408	0.9540
38.1	0.9528	0.9062	0.9692	0.9793	0.9513	0.9493	0.9375	0.9447
38.2	0.9703	0.9435	0.9771	0.9855	0.9739	0.9723	0.9556	0.9732
38.3	0.9620	0.9394	0.9765	0.9860	0.9646	0.9634	0.9587	0.9603
38.4	0.9597	0.9356	0.9745	0.9869	0.9605	0.9578	0.9584	0.9507
38.5	0.9452	0.9381	0.9772	0.9858	0.9588	0.9565	0.9594	0.9524
38.6	0.9404	0.9335	0.9786	0.9822	0.9534	0.9504	0.9618	0.9444
38.7	0.9584	0.9517	0.9830	0.9866	0.9674	0.9641	0.9783	0.9571
38.8	0.9498	0.9443	0.9840	0.9820	0.9629	0.9603	0.9736	0.9472
38.9	0.9459	0.9484	0.9810	0.9797	0.9663	0.9644	0.9743	0.9431
39.0	0.9520	0.9575	0.9743	0.9807	0.9669	0.9653	0.9749	0.9470
39.1	0.9548	0.9645	0.9793	0.9867	0.9793	0.9777	0.9840	0.9587
39.2	0.9608	0.9668	0.9836	0.9860	0.9802	0.9787	0.9867	0.9600
39.3	0.9545	0.9608	0.9805	0.9865	0.9786	0.9783	0.9840	0.9630
39.4	0.9489	0.9604	0.9808	0.9803	0.9821	0.9818	0.9833	0.9731
39.5	0.9453	0.9636	0.9793	0.9743	0.9826	0.9821	0.9823	0.9733
39.6	0.9532	0.9708	0.9814	0.9752	0.9840	0.9835	0.9838	0.9784
39.7	0.9464	0.9673	0.9821	0.9657	0.9853	0.9845	0.9838	0.9774
39.8	0.9296	0.9648	0.9786	0.9661	0.9876	0.9874	0.9830	0.9831
39.9	0.9317	0.9697	0.9830	0.9620	0.9906	0.9901	0.9877	0.9869
40.0	0.9457	0.9835	0.9862	0.9666	0.9909	0.9905	0.9891	0.9826
40.1	0.9264	0.9753	0.9821	0.9507	0.9886	0.9886	0.9879	0.9777
40.2	0.9158	0.9695	0.9789	0.9284	0.9865	0.9863	0.9865	0.9766
40.3	0.9133	0.9704	0.9861	0.9402	0.9868	0.9861	0.9834	0.9846
40.4	0.9097	0.9655	0.9808	0.9214	0.9849	0.9846	0.9806	0.9799
40.5	0.9119	0.9634	0.9779	0.8854	0.9843	0.9820	0.9826	0.9695
40.6	0.9141	0.9669	0.9792	0.9012	0.9871	0.9864	0.9843	0.9748
40.7	0.9061	0.9687	0.9814	0.9048	0.9864	0.9870	0.9862	0.9766
40.8	0.9238	0.9720	0.9832	0.9029	0.9876	0.9872	0.9842	0.9802
40.9	0.9232	0.9729	0.9818	0.9106	0.9895	0.9886	0.9852	0.9815
41.0	0.9233	0.9694	0.9839	0.9239	0.9858	0.9854	0.9808	0.9817
41.1	0.9089	0.9580	0.9826	0.9289	0.9865	0.9860	0.9824	0.9789
41.2	0.9167	0.9671	0.9781	0.9094	0.9878	0.9880	0.9851	0.9790
41.3	0.9231	0.9636	0.9814	0.9187	0.9880	0.9878	0.9842	0.9802
41.4	0.9065	0.9537	0.9783	0.9117	0.9840	0.9844	0.9788	0.9786
41.5	0.9253	0.9628	0.9830	0.9039	0.9865	0.9887	0.9845	0.9817
41.6	0.9204	0.9594	0.9779	0.9065	0.9857	0.9863	0.9820	0.9783
41.7	0.9438	0.9611	0.9827	0.9434	0.9856	0.9867	0.9785	0.9817
41.8	0.9412	0.9721	0.9842	0.9465	0.9848	0.9857	0.9792	0.9816
41.9	0.9633	0.9764	0.9883	0.9634	0.9905	0.9911	0.9837	0.9877
42.0	0.9625	0.9727	0.9862	0.9654	0.9867	0.9881	0.9770	0.9856
42.1	0.9582	0.9647	0.9857	0.9617	0.9857	0.9872	0.9779	0.9846
42.2	0.9575	0.9715	0.9887	0.9625	0.9873	0.9879	0.9759	0.9864
42.3	0.9534	0.9773	0.9887	0.9633	0.9857	0.9864	0.9731	0.9839

42.4	0.9327	0.9684	0.9832	0.9551	0.9815	0.9829	0.9687	0.9785
42.5	0.9485	0.9701	0.9809	0.9595	0.9843	0.9840	0.9724	0.9798
42.6	0.9705	0.9755	0.9837	0.9554	0.9848	0.9845	0.9674	0.9845
42.7	0.9603	0.9753	0.9834	0.9334	0.9857	0.9868	0.9665	0.9857
42.8	0.9640	0.9698	0.9824	0.9293	0.9811	0.9839	0.9670	0.9779
42.9	0.9569	0.9562	0.9809	0.9457	0.9743	0.9778	0.9559	0.9717
43.0	0.9716	0.9782	0.9874	0.9587	0.9843	0.9843	0.9669	0.9842
43.1	0.9777	0.9863	0.9913	0.9705	0.9877	0.9870	0.9737	0.9848
43.2	0.9810	0.9810	0.9842	0.9497	0.9850	0.9881	0.9678	0.9797
43.3	0.9790	0.9830	0.9854	0.9350	0.9877	0.9889	0.9632	0.9838
43.4	0.9815	0.9850	0.9877	0.9575	0.9893	0.9894	0.9783	0.9817
43.5	0.9779	0.9832	0.9873	0.9621	0.9846	0.9855	0.9651	0.9746
43.6	0.9836	0.9894	0.9909	0.9776	0.9897	0.9902	0.9737	0.9847
43.7	0.9811	0.9859	0.9866	0.9607	0.9857	0.9860	0.9713	0.9761
43.8	0.9734	0.9854	0.9879	0.9529	0.9791	0.9826	0.9642	0.9736
43.9	0.9755	0.9845	0.9826	0.9624	0.9775	0.9825	0.9662	0.9664
44.0	0.9817	0.9807	0.9826	0.9773	0.9751	0.9784	0.9637	0.9637
44.1	0.9852	0.9823	0.9833	0.9830	0.9775	0.9777	0.9644	0.9686
44.2	0.9839	0.9837	0.9816	0.9761	0.9841	0.9872	0.9777	0.9721
44.3	0.9811	0.9825	0.9787	0.9662	0.9791	0.9829	0.9664	0.9670
44.4	0.9868	0.9860	0.9793	0.9572	0.9763	0.9787	0.9625	0.9548
44.5	0.9843	0.9866	0.9797	0.9488	0.9744	0.9782	0.9626	0.9649
44.6	0.9856	0.9870	0.9792	0.9647	0.9725	0.9785	0.9470	0.9641
44.7	0.9857	0.9875	0.9680	0.9572	0.9774	0.9841	0.9414	0.9713
44.8	0.9817	0.9823	0.9755	0.9525	0.9762	0.9832	0.9356	0.9641
44.9	0.9820	0.9809	0.9865	0.9658	0.9745	0.9769	0.9507	0.9598
45.0	0.9761	0.9770	0.9790	0.9706	0.9625	0.9620	0.9209	0.9541
45.1	0.9824	0.9842	0.9835	0.9780	0.9765	0.9786	0.9517	0.9570
45.2	0.9829	0.9862	0.9877	0.9808	0.9757	0.9763	0.9679	0.9274
45.3	0.9839	0.9825	0.9907	0.9825	0.9709	0.9772	0.9609	0.9302
45.4	0.9798	0.9812	0.9827	0.9708	0.9734	0.9746	0.9399	0.9309
45.5	0.9801	0.9798	0.9811	0.9700	0.9745	0.9712	0.9341	0.9309
45.6	0.9821	0.9780	0.9819	0.9739	0.9641	0.9657	0.9533	0.9231
45.7	0.9824	0.9796	0.9746	0.9641	0.9671	0.9758	0.9527	0.9415
45.8	0.9770	0.9789	0.9788	0.9651	0.9611	0.9660	0.9439	0.9223
45.9	0.9809	0.9737	0.9768	0.9738	0.9562	0.9602	0.9504	0.9018
46.0	0.9800	0.9806	0.9831	0.9723	0.9734	0.9750	0.9689	0.9324
46.1	0.9750	0.9809	0.9771	0.9677	0.9738	0.9718	0.9576	0.9416
46.2	0.9831	0.9838	0.9565	0.9352	0.9843	0.9841	0.9610	0.9596
46.3	0.9827	0.9802	0.9442	0.9144	0.9869	0.9854	0.9585	0.9636
46.4	0.9778	0.9763	0.9524	0.9490	0.9834	0.9845	0.9681	0.9566
46.5	0.9769	0.9757	0.9317	0.9214	0.9825	0.9808	0.9632	0.9534
46.6	0.9800	0.9799	0.9381	0.9385	0.9854	0.9821	0.9670	0.9576
46.7	0.9855	0.9816	0.9692	0.9599	0.9853	0.9841	0.9728	0.9634
46.8	0.9841	0.9782	0.9650	0.9761	0.9791	0.9754	0.9587	0.9623
46.9	0.9807	0.9791	0.9703	0.9803	0.9812	0.9796	0.9633	0.9717
47.0	0.9862	0.9886	0.9629	0.9703	0.9881	0.9896	0.9728	0.9790
47.1	0.9832	0.9859	0.9406	0.9332	0.9872	0.9869	0.9709	0.9680
47.2	0.9801	0.9854	0.9396	0.8856	0.9860	0.9863	0.9679	0.9701
47.3	0.9850	0.9868	0.9659	0.9523	0.9891	0.9900	0.9752	0.9832
47.4	0.9809	0.9809	0.9619	0.9577	0.9823	0.9866	0.9701	0.9764
47.5	0.9801	0.9833	0.9739	0.9765	0.9826	0.9859	0.9809	0.9790
47.6	0.9824	0.9853	0.9734	0.9757	0.9838	0.9848	0.9808	0.9827
47.7	0.9883	0.9873	0.9681	0.9573	0.9879	0.9877	0.9796	0.9810
47.8	0.9853	0.9848	0.9338	0.8943	0.9785	0.9802	0.9541	0.9618
47.9	0.9827	0.9838	0.8948	0.8616	0.9735	0.9770	0.9428	0.9555
48.0	0.9802	0.9784	0.9521	0.9479	0.9806	0.9824	0.9725	0.9737
48.1	0.9791	0.9815	0.9575	0.9656	0.9829	0.9854	0.9713	0.9822
48.2	0.9837	0.9859	0.9644	0.9738	0.9839	0.9854	0.9738	0.9855
48.3	0.9848	0.9873	0.9557	0.9724	0.9862	0.9875	0.9809	0.9867
48.4	0.9823	0.9823	0.9491	0.9535	0.9815	0.9856	0.9713	0.9830
48.5	0.9808	0.9780	0.9358	0.9447	0.9772	0.9824	0.9673	0.9765
48.6	0.9798	0.9792	0.9586	0.9637	0.9787	0.9830	0.9748	0.9800
48.7	0.9745	0.9744	0.9580	0.9630	0.9763	0.9792	0.9770	0.9778
48.8	0.9742	0.9779	0.9663	0.9572	0.9768	0.9796	0.9788	0.9753
48.9	0.9783	0.9771	0.9428	0.9429	0.9788	0.9824	0.9810	0.9788
49.0	0.9795	0.9765	0.9473	0.9572	0.9775	0.9818	0.9769	0.9800
49.1	0.9776	0.9762	0.9332	0.9403	0.9783	0.9829	0.9777	0.9799
49.2	0.9717	0.9680	0.9167	0.9356	0.9716	0.9779	0.9724	0.9726
49.3	0.9733	0.9647	0.9332	0.9542	0.9735	0.9781	0.9768	0.9685
49.4	0.9641	0.9583	0.9465	0.9443	0.9662	0.9716	0.9720	0.9591
49.5	0.9754	0.9655	0.9549	0.9550	0.9741	0.9789	0.9808	0.9693
49.6	0.9763	0.9653	0.9192	0.9240	0.9759	0.9815	0.9795	0.9705
49.7	0.8998	0.8547	0.5748	0.4316	0.9233	0.9490	0.8903	0.8138
49.8	0.8613	0.8032	0.4771	0.3205	0.8949	0.9291	0.8512	0.7587
49.9	0.9467	0.9405	0.7594	0.6538	0.9549	0.9686	0.9573	0.9175
50.0	0.9670	0.9445	0.8599	0.8230	0.9709	0.9775	0.9745	0.9580
50.1	0.9710	0.9501	0.8543	0.8304	0.9722	0.9788	0.9753	0.9602
50.2	0.9782	0.9747	0.9359	0.9358	0.9782	0.9829	0.9830	0.9721
50.3	0.9766	0.9693	0.9513	0.9557	0.9751	0.9798	0.9826	0.9713
50.4	0.9743	0.9640	0.8936	0.8716	0.9770	0.9829	0.9834	0.9731
50.5	0.9735	0.9631	0.9306	0.9075	0.9806	0.9838	0.9849	0.9785
50.6	0.9692	0.9552	0.9572	0.9434	0.9786	0.9827	0.9831	0.9765
50.7	0.9727	0.9632	0.9401	0.9353	0.9800	0.9846	0.9863	0.9784
50.8	0.9805	0.9690	0.9570	0.9490	0.9831	0.9859	0.9874	0.9821
50.9	0.9797	0.9679	0.9478	0.9532	0.9784	0.9813	0.9840	0.9768

51.0	0.9749	0.9685	0.9426	0.9461	0.9742	0.9777	0.9808	0.9702
51.1	0.9772	0.9743	0.9630	0.9561	0.9765	0.9792	0.9814	0.9744
51.2	0.9829	0.9786	0.9763	0.9762	0.9819	0.9840	0.9856	0.9808
51.3	0.9854	0.9788	0.9715	0.9677	0.9852	0.9874	0.9878	0.9839
51.4	0.9723	0.9647	0.9357	0.9086	0.9789	0.9824	0.9829	0.9732
51.5	0.9774	0.9773	0.9536	0.9538	0.9812	0.9838	0.9861	0.9776
51.6	0.9794	0.9763	0.9636	0.9770	0.9782	0.9816	0.9828	0.9784
51.7	0.9858	0.9825	0.9793	0.9803	0.9858	0.9879	0.9883	0.9861
51.8	0.9860	0.9865	0.9776	0.9799	0.9871	0.9886	0.9896	0.9871
51.9	0.9821	0.9809	0.9768	0.9770	0.9814	0.9844	0.9853	0.9805
52.0	0.9822	0.9754	0.9765	0.9778	0.9799	0.9826	0.9844	0.9786
52.1	0.9808	0.9759	0.9846	0.9830	0.9803	0.9832	0.9846	0.9790
52.2	0.9830	0.9790	0.9856	0.9849	0.9822	0.9853	0.9871	0.9810
52.3	0.9796	0.9751	0.9821	0.9850	0.9779	0.9820	0.9847	0.9752
52.4	0.9788	0.9805	0.9767	0.9819	0.9792	0.9830	0.9846	0.9776
52.5	0.9809	0.9817	0.9770	0.9829	0.9807	0.9844	0.9858	0.9788
52.6	0.9808	0.9809	0.9815	0.9824	0.9822	0.9849	0.9874	0.9798
52.7	0.9805	0.9788	0.9704	0.9673	0.9810	0.9838	0.9860	0.9793
52.8	0.9894	0.9876	0.9795	0.9759	0.9888	0.9904	0.9909	0.9877
52.9	0.9859	0.9857	0.9824	0.9796	0.9867	0.9884	0.9890	0.9854
53.0	0.9847	0.9851	0.9877	0.9873	0.9860	0.9878	0.9894	0.9845
53.1	0.9825	0.9810	0.9888	0.9889	0.9816	0.9843	0.9864	0.9797
53.2	0.9838	0.9818	0.9901	0.9880	0.9821	0.9850	0.9868	0.9804
53.3	0.9877	0.9854	0.9891	0.9783	0.9868	0.9888	0.9901	0.9859
53.4	0.9860	0.9843	0.9723	0.9618	0.9865	0.9887	0.9900	0.9858
53.5	0.9857	0.9820	0.9727	0.9678	0.9847	0.9873	0.9878	0.9843
53.6	0.9877	0.9838	0.9853	0.9815	0.9859	0.9883	0.9886	0.9861
53.7	0.9908	0.9885	0.9854	0.9837	0.9903	0.9918	0.9919	0.9900
53.8	0.9875	0.9870	0.9709	0.9632	0.9877	0.9894	0.9905	0.9862
53.9	0.9870	0.9865	0.9746	0.9732	0.9886	0.9904	0.9912	0.9872
54.0	0.9893	0.9885	0.9878	0.9861	0.9894	0.9912	0.9919	0.9885
54.1	0.9849	0.9844	0.9840	0.9770	0.9853	0.9873	0.9880	0.9857
54.2	0.9810	0.9793	0.9499	0.9348	0.9840	0.9866	0.9875	0.9836
54.3	0.9849	0.9783	0.9650	0.9640	0.9845	0.9871	0.9882	0.9829
54.4	0.9837	0.9778	0.9839	0.9880	0.9818	0.9842	0.9853	0.9815
54.5	0.9891	0.9875	0.9929	0.9931	0.9889	0.9908	0.9920	0.9877
54.6	0.9859	0.9857	0.9885	0.9899	0.9870	0.9884	0.9896	0.9853
54.7	0.9837	0.9821	0.9790	0.9780	0.9841	0.9856	0.9870	0.9816
54.8	0.9778	0.9776	0.9638	0.9634	0.9805	0.9833	0.9844	0.9782
54.9	0.9864	0.9892	0.9817	0.9834	0.9895	0.9906	0.9907	0.9884
55.0	0.9905	0.9901	0.9854	0.9876	0.9922	0.9926	0.9926	0.9908
55.1	0.9870	0.9901	0.9890	0.9909	0.9902	0.9912	0.9923	0.9878
55.2	0.9845	0.9849	0.9879	0.9885	0.9893	0.9905	0.9910	0.9883
55.3	0.9867	0.9852	0.9896	0.9840	0.9897	0.9907	0.9911	0.9888
55.4	0.9892	0.9886	0.9806	0.9833	0.9926	0.9929	0.9936	0.9912
55.5	0.9883	0.9851	0.9709	0.9800	0.9891	0.9899	0.9911	0.9874
55.6	0.9886	0.9855	0.9840	0.9847	0.9904	0.9914	0.9919	0.9894
55.7	0.9852	0.9854	0.9917	0.9903	0.9909	0.9918	0.9922	0.9900
55.8	0.9836	0.9816	0.9862	0.9860	0.9891	0.9899	0.9907	0.9876
55.9	0.9822	0.9828	0.9858	0.9863	0.9891	0.9902	0.9913	0.9878
56.0	0.9798	0.9761	0.9535	0.9592	0.9875	0.9886	0.9895	0.9864
56.1	0.9836	0.9802	0.9707	0.9767	0.9892	0.9901	0.9906	0.9888
56.2	0.9873	0.9836	0.9763	0.9847	0.9895	0.9907	0.9912	0.9884
56.3	0.9840	0.9834	0.9877	0.9906	0.9895	0.9906	0.9913	0.9875
56.4	0.9812	0.9821	0.9859	0.9875	0.9885	0.9895	0.9902	0.9864
56.5	0.9870	0.9854	0.9859	0.9877	0.9903	0.9913	0.9920	0.9894
56.6	0.9884	0.9855	0.9859	0.9879	0.9915	0.9922	0.9928	0.9908
56.7	0.9870	0.9765	0.9830	0.9871	0.9883	0.9889	0.9903	0.9869
56.8	0.9838	0.9750	0.9860	0.9871	0.9871	0.9878	0.9891	0.9858
56.9	0.9863	0.9816	0.9858	0.9868	0.9892	0.9906	0.9906	0.9887
57.0	0.9854	0.9820	0.9803	0.9791	0.9894	0.9904	0.9904	0.9890
57.1	0.9832	0.9793	0.9446	0.9730	0.9874	0.9884	0.9890	0.9866
57.2	0.9820	0.9787	0.9444	0.9706	0.9882	0.9896	0.9902	0.9877
57.3	0.9793	0.9716	0.9762	0.9831	0.9848	0.9862	0.9869	0.9843
57.4	0.9782	0.9664	0.9682	0.9848	0.9818	0.9818	0.9839	0.9805
57.5	0.9821	0.9759	0.9708	0.9847	0.9855	0.9861	0.9880	0.9840
57.6	0.9827	0.9825	0.9809	0.9870	0.9891	0.9903	0.9907	0.9885
57.7	0.9883	0.9838	0.9841	0.9887	0.9894	0.9893	0.9902	0.9879
57.8	0.9891	0.9813	0.9825	0.9856	0.9875	0.9880	0.9892	0.9860
57.9	0.9816	0.9773	0.9795	0.9790	0.9854	0.9868	0.9871	0.9851
58.0	0.9817	0.9814	0.9767	0.9855	0.9851	0.9858	0.9870	0.9834
58.1	0.9873	0.9869	0.9790	0.9846	0.9883	0.9887	0.9900	0.9865
58.2	0.9838	0.9857	0.9741	0.9806	0.9873	0.9873	0.9892	0.9865
58.3	0.9861	0.9861	0.9748	0.9814	0.9898	0.9896	0.9907	0.9894
58.4	0.9879	0.9867	0.9757	0.9833	0.9903	0.9904	0.9909	0.9897
58.5	0.9836	0.9811	0.9640	0.9783	0.9843	0.9857	0.9856	0.9835
58.6	0.9820	0.9820	0.9609	0.9718	0.9851	0.9852	0.9858	0.9851
58.7	0.9805	0.9814	0.9682	0.9760	0.9828	0.9822	0.9839	0.9822
58.8	0.9817	0.9736	0.9694	0.9756	0.9799	0.9788	0.9807	0.9785
58.9	0.9834	0.9763	0.9774	0.9811	0.9811	0.9805	0.9812	0.9802
59.0	0.9819	0.9792	0.9783	0.9776	0.9813	0.9815	0.9824	0.9797
59.1	0.9841	0.9834	0.9816	0.9793	0.9843	0.9842	0.9848	0.9831
59.2	0.9862	0.9859	0.9798	0.9819	0.9877	0.9880	0.9888	0.9869
59.3	0.9837	0.9824	0.9827	0.9803	0.9862	0.9866	0.9871	0.9854
59.4	0.9864	0.9829	0.9723	0.9759	0.9864	0.9871	0.9872	0.9860
59.5	0.9795	0.9782	0.9651	0.9700	0.9845	0.9851	0.9854	0.9839

59.6	0.9794	0.9703	0.9685	0.9747	0.9811	0.9815	0.9818	0.9807
59.7	0.9822	0.9811	0.9753	0.9765	0.9873	0.9871	0.9877	0.9868
59.8	0.9820	0.9706	0.9635	0.9719	0.9863	0.9865	0.9867	0.9861
59.9	0.4306	0.3468	0.4759	0.8918	0.9809	0.9818	0.9850	0.9780
60.0	0.1659	0.1780	0.1896	0.7400	0.9684	0.9673	0.9800	0.9541
60.1	0.4529	0.3676	0.5057	0.8952	0.9832	0.9827	0.9860	0.9792
60.2	0.9814	0.9771	0.9774	0.9807	0.9851	0.9855	0.9863	0.9845
60.3	0.9851	0.9742	0.9740	0.9778	0.9864	0.9862	0.9868	0.9859
60.4	0.9869	0.9747	0.9753	0.9819	0.9900	0.9893	0.9904	0.9887
60.5	0.9813	0.9704	0.9725	0.9773	0.9868	0.9869	0.9874	0.9860
60.6	0.9824	0.9720	0.9649	0.9724	0.9834	0.9836	0.9845	0.9833
60.7	0.9844	0.9748	0.9711	0.9779	0.9876	0.9873	0.9890	0.9867
60.8	0.9841	0.9741	0.9728	0.9731	0.9879	0.9876	0.9891	0.9866
60.9	0.9827	0.9767	0.9713	0.9741	0.9880	0.9876	0.9884	0.9875
61.0	0.9816	0.9761	0.9654	0.9767	0.9866	0.9861	0.9876	0.9857
61.1	0.9802	0.9701	0.9554	0.9663	0.9849	0.9851	0.9858	0.9845
61.2	0.9740	0.9679	0.9604	0.9662	0.9838	0.9837	0.9849	0.9832
61.3	0.9783	0.9712	0.9716	0.9698	0.9842	0.9844	0.9857	0.9839
61.4	0.9703	0.9550	0.9500	0.9527	0.9744	0.9751	0.9776	0.9739
61.5	0.9664	0.9586	0.9476	0.9433	0.9767	0.9780	0.9792	0.9773
61.6	0.9761	0.9686	0.9513	0.9587	0.9838	0.9840	0.9846	0.9844
61.7	0.9748	0.9560	0.9408	0.9476	0.9789	0.9792	0.9796	0.9793
61.8	0.9774	0.9573	0.9468	0.9488	0.9799	0.9801	0.9815	0.9794
61.9	0.9756	0.9650	0.9634	0.9609	0.9828	0.9824	0.9834	0.9817
62.0	0.9719	0.9523	0.9554	0.9520	0.9810	0.9808	0.9817	0.9801
62.1	0.9686	0.9507	0.9225	0.9276	0.9811	0.9816	0.9837	0.9804
62.2	0.9760	0.9722	0.9375	0.9469	0.9846	0.9846	0.9861	0.9841
62.3	0.9810	0.9636	0.9434	0.9592	0.9805	0.9817	0.9832	0.9803
62.4	0.9752	0.9611	0.9216	0.9457	0.9808	0.9814	0.9823	0.9794
62.5	0.9777	0.9684	0.9254	0.9519	0.9849	0.9848	0.9860	0.9831
62.6	0.9757	0.9690	0.9398	0.9601	0.9854	0.9855	0.9864	0.9851
62.7	0.9734	0.9637	0.9629	0.9596	0.9816	0.9819	0.9825	0.9813
62.8	0.9731	0.9648	0.9464	0.9343	0.9815	0.9824	0.9829	0.9810
62.9	0.9743	0.9654	0.9323	0.9365	0.9853	0.9860	0.9868	0.9835
63.0	0.9727	0.9597	0.9428	0.9519	0.9845	0.9858	0.9857	0.9837
63.1	0.9730	0.9590	0.9494	0.9508	0.9836	0.9846	0.9854	0.9831
63.2	0.9759	0.9470	0.9388	0.9412	0.9802	0.9808	0.9818	0.9795
63.3	0.9736	0.9353	0.9254	0.9282	0.9811	0.9823	0.9833	0.9799
63.4	0.9758	0.9468	0.9409	0.9440	0.9859	0.9864	0.9876	0.9856
63.5	0.9793	0.9626	0.9404	0.9491	0.9886	0.9885	0.9899	0.9872
63.6	0.9762	0.9509	0.9076	0.9421	0.9841	0.9848	0.9851	0.9827
63.7	0.9826	0.9360	0.9400	0.9516	0.9819	0.9842	0.9835	0.9825
63.8	0.9831	0.9286	0.9431	0.9486	0.9837	0.9852	0.9856	0.9840
63.9	0.9747	0.9236	0.9277	0.9337	0.9800	0.9809	0.9823	0.9791
64.0	0.9756	0.9148	0.9256	0.9346	0.9774	0.9793	0.9801	0.9767
64.1	0.9748	0.9087	0.9242	0.9301	0.9791	0.9813	0.9808	0.9785
64.2	0.9685	0.9021	0.9080	0.8986	0.9794	0.9805	0.9808	0.9790
64.3	0.9738	0.9190	0.9098	0.9273	0.9807	0.9817	0.9817	0.9805
64.4	0.9660	0.9161	0.9088	0.9207	0.9768	0.9786	0.9799	0.9765
64.5	0.9601	0.8925	0.8987	0.9043	0.9751	0.9769	0.9792	0.9752
64.6	0.9630	0.9027	0.8923	0.9073	0.9778	0.9794	0.9808	0.9775
64.7	0.9743	0.9086	0.9199	0.9346	0.9805	0.9823	0.9826	0.9823
64.8	0.9719	0.9064	0.9276	0.9257	0.9797	0.9824	0.9821	0.9813
64.9	0.9714	0.8981	0.9322	0.9345	0.9796	0.9816	0.9813	0.9803
65.0	0.9725	0.8724	0.9243	0.9401	0.9841	0.9865	0.9864	0.9852
65.1	0.9579	0.8484	0.9004	0.9050	0.9721	0.9780	0.9769	0.9750
65.2	0.9332	0.7976	0.8764	0.8509	0.9600	0.9663	0.9672	0.9620
65.3	0.9570	0.8625	0.8981	0.8856	0.9758	0.9799	0.9795	0.9785
65.4	0.9705	0.8335	0.9148	0.9194	0.9791	0.9844	0.9812	0.9830
65.5	0.9611	0.8180	0.8931	0.8945	0.9747	0.9803	0.9777	0.9790
65.6	0.9610	0.8289	0.8925	0.8961	0.9753	0.9803	0.9776	0.9794
65.7	0.9544	0.7735	0.8825	0.8748	0.9676	0.9739	0.9718	0.9726
65.8	0.9579	0.7450	0.8859	0.8881	0.9669	0.9739	0.9715	0.9710
65.9	0.9462	0.6864	0.8351	0.8648	0.9610	0.9712	0.9688	0.9668
66.0	0.9375	0.6830	0.8316	0.8559	0.9622	0.9731	0.9713	0.9671
66.1	0.9463	0.6918	0.8448	0.8661	0.9657	0.9757	0.9727	0.9716
66.2	0.9399	0.5513	0.8077	0.8426	0.9408	0.9582	0.9531	0.9557
66.3	0.9451	0.6523	0.8848	0.8709	0.9540	0.9657	0.9639	0.9616
66.4	0.9519	0.6713	0.9106	0.8649	0.9597	0.9718	0.9672	0.9675
66.5	0.9418	0.5590	0.8108	0.8609	0.9569	0.9716	0.9678	0.9672
66.6	0.9495	0.4723	0.7699	0.8751	0.9550	0.9713	0.9649	0.9671
66.7	0.9513	0.6483	0.8100	0.8606	0.9635	0.9748	0.9728	0.9687
66.8	0.9354	0.6058	0.7846	0.8234	0.9541	0.9697	0.9644	0.9630
66.9	0.9336	0.5724	0.7251	0.8324	0.9550	0.9718	0.9643	0.9646
67.0	0.9363	0.4449	0.6529	0.8411	0.9430	0.9655	0.9574	0.9599
67.1	0.9395	0.3871	0.5639	0.8442	0.9431	0.9655	0.9603	0.9587
67.2	0.9511	0.4989	0.5445	0.8766	0.9589	0.9764	0.9733	0.9706
67.3	0.9524	0.3419	0.4701	0.8766	0.9572	0.9777	0.9695	0.9723
67.4	0.9391	0.4425	0.5558	0.8649	0.9596	0.9794	0.9758	0.9657
67.5	0.9255	0.4749	0.5975	0.8309	0.9552	0.9772	0.9721	0.9612
67.6	0.9418	0.3590	0.6139	0.8651	0.9450	0.9687	0.9620	0.9532
67.7	0.9565	0.3266	0.5293	0.8972	0.9482	0.9732	0.9671	0.9638
67.8	0.9618	0.3899	0.6038	0.9182	0.9645	0.9834	0.9756	0.9785
67.9	0.9559	0.2807	0.5820	0.9031	0.9521	0.9796	0.9687	0.9729
68.0	0.9561	0.4092	0.5827	0.8820	0.9531	0.9785	0.9686	0.9742
68.1	0.9590	0.3394	0.6783	0.8940	0.9499	0.9781	0.9683	0.9724

68.2	0.9571	0.3489	0.7125	0.8918	0.9469	0.9765	0.9689	0.9684
68.3	0.9529	0.2637	0.6514	0.8888	0.9452	0.9740	0.9664	0.9638
68.4	0.9636	0.3341	0.7544	0.9201	0.9476	0.9769	0.9677	0.9630
68.5	0.9432	0.3782	0.7484	0.8933	0.9400	0.9789	0.9649	0.9655
68.6	0.9329	0.2871	0.6826	0.8590	0.9318	0.9773	0.9544	0.9663
68.7	0.9463	0.2189	0.7133	0.8822	0.9213	0.9743	0.9499	0.9621
68.8	0.9470	0.2022	0.6641	0.8952	0.9150	0.9709	0.9533	0.9569
68.9	0.9509	0.4206	0.7680	0.9092	0.9063	0.9651	0.9525	0.9499
69.0	0.9626	0.5794	0.8202	0.9361	0.9224	0.9750	0.9590	0.9634
69.1	0.9584	0.5918	0.8260	0.9240	0.9134	0.9765	0.9547	0.9602
69.2	0.9583	0.6318	0.8558	0.9302	0.9160	0.9760	0.9490	0.9680
69.3	0.9519	0.6443	0.8653	0.9222	0.8885	0.9654	0.9369	0.9579
69.4	0.9383	0.6537	0.8233	0.8945	0.8731	0.9580	0.9206	0.9454
69.5	0.9354	0.6602	0.8090	0.8964	0.8575	0.9555	0.9122	0.9280
69.6	0.9476	0.7020	0.8444	0.9174	0.8582	0.9557	0.9166	0.9390
69.7	0.9483	0.7420	0.8552	0.9195	0.8492	0.9540	0.9162	0.9351
69.8	0.9537	0.7810	0.8693	0.9273	0.8468	0.9524	0.9081	0.9371
69.9	0.9458	0.7695	0.8771	0.9248	0.8522	0.9580	0.9111	0.9334
70.0	0.9534	0.8212	0.8898	0.9332	0.8708	0.9535	0.9165	0.9191
70.1	0.9553	0.8306	0.8932	0.9330	0.8646	0.9363	0.9023	0.9072
70.2	0.9449	0.8241	0.8878	0.9281	0.8591	0.9290	0.9013	0.8991
70.3	0.9454	0.8570	0.9051	0.9326	0.8882	0.9361	0.9204	0.9129
70.4	0.9488	0.8910	0.9172	0.9356	0.9049	0.9417	0.9213	0.9216
70.5	0.9288	0.8747	0.9056	0.9017	0.8973	0.9321	0.9062	0.9271
70.6	0.9322	0.8879	0.9124	0.9020	0.8985	0.9273	0.9128	0.9114
70.7	0.9301	0.8798	0.8974	0.9098	0.8959	0.9314	0.9173	0.9013
70.8	0.9331	0.8979	0.9120	0.9091	0.9211	0.9454	0.9282	0.9247
70.9	0.9170	0.8931	0.9084	0.8735	0.9147	0.9394	0.9248	0.9308
71.0	0.9117	0.9047	0.9082	0.8800	0.9241	0.9446	0.9377	0.9361
71.1	0.9227	0.9356	0.9428	0.9000	0.9495	0.9597	0.9539	0.9509
71.2	0.9345	0.9485	0.9534	0.9102	0.9624	0.9703	0.9640	0.9599
71.3	0.8894	0.9285	0.9316	0.8654	0.9498	0.9698	0.9566	0.9546
71.4	0.8803	0.9218	0.9340	0.8400	0.9411	0.9564	0.9457	0.9433
71.5	0.9045	0.9395	0.9415	0.8743	0.9548	0.9675	0.9631	0.9496
71.6	0.9130	0.9457	0.9460	0.8788	0.9636	0.9759	0.9707	0.9631
71.7	0.8628	0.9340	0.9363	0.8099	0.9548	0.9672	0.9580	0.9612
71.8	0.8382	0.9369	0.9330	0.7991	0.9599	0.9708	0.9564	0.9646
71.9	0.8003	0.9344	0.9228	0.7800	0.9593	0.9697	0.9481	0.9626
72.0	0.8236	0.9412	0.9272	0.7234	0.9625	0.9734	0.9521	0.9597
72.1	0.8170	0.9500	0.9382	0.7127	0.9687	0.9779	0.9660	0.9676
72.2	0.7925	0.9479	0.9367	0.6985	0.9660	0.9755	0.9606	0.9711
72.3	0.8263	0.9610	0.9560	0.7348	0.9729	0.9809	0.9651	0.9735
72.4	0.8503	0.9642	0.9610	0.7387	0.9768	0.9813	0.9650	0.9716
72.5	0.8494	0.9685	0.9662	0.7210	0.9778	0.9862	0.9703	0.9752
72.6	0.7826	0.9646	0.9585	0.6228	0.9751	0.9795	0.9617	0.9701
72.7	0.6983	0.9548	0.9487	0.4702	0.9682	0.9704	0.9414	0.9591
72.8	0.7248	0.9686	0.9601	0.5676	0.9783	0.9774	0.9397	0.9696
72.9	0.7459	0.9689	0.9612	0.5146	0.9768	0.9788	0.9512	0.9673
73.0	0.6866	0.9697	0.9572	0.4897	0.9719	0.9731	0.9407	0.9644
73.1	0.6596	0.9556	0.9495	0.4481	0.9605	0.9575	0.9271	0.9544
73.2	0.5961	0.9549	0.9431	0.3150	0.9632	0.9544	0.8858	0.9550
73.3	0.5803	0.9635	0.9519	0.5091	0.9751	0.9686	0.8990	0.9625
73.4	0.4537	0.9488	0.9436	0.5158	0.9643	0.9597	0.8786	0.9435
73.5	0.3775	0.9546	0.9532	0.5692	0.9673	0.9585	0.8927	0.9584
73.6	0.4293	0.9648	0.9564	0.6536	0.9702	0.9623	0.8861	0.9700
73.7	0.3543	0.9534	0.9484	0.5629	0.9567	0.9406	0.8180	0.9450
73.8	0.3106	0.9497	0.9368	0.5391	0.9663	0.9450	0.8255	0.9389
73.9	0.4197	0.9432	0.9441	0.6058	0.9556	0.9312	0.8259	0.9385
74.0	0.4690	0.9438	0.9441	0.6465	0.9528	0.9241	0.8097	0.9440
74.1	0.3474	0.9481	0.9379	0.6840	0.9548	0.9251	0.8140	0.9493
74.2	0.3929	0.9253	0.9221	0.5756	0.9223	0.8619	0.7351	0.9183
74.3	0.3866	0.9269	0.9244	0.6403	0.9265	0.8934	0.7120	0.9130
74.4	0.3338	0.9116	0.9279	0.6108	0.9241	0.8895	0.7245	0.9169
74.5	0.2948	0.9055	0.9313	0.6033	0.9078	0.8468	0.7489	0.8953
74.6	0.2537	0.9169	0.9310	0.6122	0.9198	0.8440	0.7484	0.8907
74.7	0.2594	0.8941	0.9191	0.6425	0.9304	0.8492	0.7386	0.9043
74.8	0.2846	0.8952	0.9360	0.6527	0.9268	0.8518	0.7669	0.9034
74.9	0.3256	0.8645	0.9240	0.6069	0.8898	0.7780	0.7336	0.8763
75.0	0.2737	0.7997	0.9165	0.6060	0.8285	0.7246	0.7293	0.8527
75.1	0.4157	0.8555	0.9366	0.6266	0.8813	0.7815	0.7928	0.8896
75.2	0.3729	0.8620	0.9220	0.6740	0.8708	0.7214	0.7657	0.8741
75.3	0.4113	0.8430	0.9251	0.6383	0.8492	0.6866	0.7602	0.8550
75.4	0.3779	0.7764	0.9060	0.6067	0.7571	0.6368	0.7749	0.7890
75.5	0.5378	0.8055	0.8663	0.5560	0.7211	0.5751	0.7942	0.7261
75.6	0.5783	0.8279	0.8875	0.5768	0.7560	0.6408	0.7736	0.7689
75.7	0.6593	0.8256	0.8841	0.6070	0.7783	0.6075	0.8517	0.7825
75.8	0.5815	0.8127	0.8872	0.6126	0.7272	0.5635	0.8496	0.7642
75.9	0.5653	0.8315	0.8519	0.5759	0.7364	0.5843	0.8479	0.7149
76.0	0.6715	0.8131	0.8733	0.5717	0.7053	0.5085	0.8716	0.6933
76.1	0.7317	0.8301	0.8484	0.5396	0.6712	0.4794	0.8310	0.6788
76.2	0.6728	0.8362	0.8330	0.4897	0.6210	0.3578	0.8207	0.6277
76.3	0.5960	0.7908	0.8130	0.4055	0.5631	0.2696	0.7971	0.5444
76.4	0.5757	0.7813	0.8542	0.4129	0.5376	0.2945	0.8039	0.5686
76.5	0.6706	0.8131	0.8754	0.4870	0.5623	0.3463	0.8415	0.6297
76.6	0.7885	0.8793	0.9138	0.5973	0.6471	0.3642	0.8654	0.7083
76.7	0.8060	0.8807	0.9006	0.5651	0.5753	0.3450	0.8603	0.6695

76.8	0.7527	0.8574	0.8408	0.5036	0.4502	0.1935	0.8210	0.5119
76.9	0.7259	0.8459	0.8038	0.5858	0.4341	0.1336	0.8215	0.5505
77.0	0.7028	0.8466	0.7973	0.5836	0.4052	0.1128	0.8277	0.6105
77.1	0.7666	0.8792	0.8474	0.6534	0.4439	0.2031	0.8535	0.6617
77.2	0.8285	0.8986	0.8509	0.6315	0.4196	0.1064	0.8696	0.6483
77.3	0.8170	0.8880	0.8645	0.7122	0.4065	0.1343	0.9072	0.7260
77.4	0.8233	0.9033	0.8511	0.6987	0.3541	0.1284	0.9011	0.6974
77.5	0.7560	0.8799	0.8238	0.7048	0.3013	0.1312	0.8157	0.6627
77.6	0.8340	0.9124	0.8656	0.7485	0.2123	0.1958	0.8329	0.7111
77.7	0.8440	0.9126	0.8839	0.6915	0.1871	0.1767	0.8132	0.7088
77.8	0.8128	0.9079	0.8907	0.7103	0.1859	0.1620	0.8312	0.7989
77.9	0.8476	0.9114	0.9151	0.7439	0.1386	0.2124	0.8703	0.8013
78.0	0.8365	0.9031	0.9192	0.6975	0.1092	0.1941	0.8323	0.7845
78.1	0.8572	0.9111	0.8887	0.6994	0.0483	0.2816	0.8158	0.7592
78.2	0.8528	0.9039	0.9022	0.6925	0.0331	0.3103	0.8288	0.7368
78.3	0.8550	0.9030	0.9224	0.7360	0.0270	0.3656	0.8985	0.7286
78.4	0.8811	0.9229	0.9327	0.7518	0.0941	0.5090	0.9124	0.7337
78.5	0.8445	0.9165	0.9343	0.7488	0.1185	0.4945	0.9009	0.7519
78.6	0.8385	0.9261	0.9509	0.8109	0.0163	0.4361	0.9095	0.8515
78.7	0.8663	0.9435	0.9585	0.8190	0.0743	0.5479	0.9145	0.8603
78.8	0.8685	0.9438	0.9377	0.8244	0.1495	0.5509	0.9236	0.8427
78.9	0.8479	0.9112	0.9483	0.7307	0.2597	0.6284	0.9342	0.7907
79.0	0.8031	0.9137	0.9528	0.7167	0.2906	0.5944	0.9222	0.7656
79.1	0.7511	0.9080	0.9531	0.6583	0.1356	0.4777	0.9061	0.7801
79.2	0.8054	0.9344	0.9590	0.7337	0.1405	0.5542	0.9087	0.8542
79.3	0.8368	0.9339	0.9420	0.7372	0.1658	0.5220	0.9050	0.8526
79.4	0.8395	0.9181	0.8900	0.7032	0.1753	0.5056	0.8872	0.8044
79.5	0.7168	0.9176	0.9291	0.7782	0.0453	0.4189	0.9074	0.8208
79.6	0.7580	0.9264	0.9566	0.8318	0.0387	0.4685	0.9332	0.8807
79.7	0.8103	0.9366	0.9522	0.8313	0.0943	0.6062	0.9370	0.8737
79.8	0.7441	0.9363	0.9496	0.8608	0.1007	0.5970	0.9473	0.8628
79.9	0.7170	0.9176	0.9574	0.8807	0.2318	0.6218	0.9542	0.8842
80.0	0.7218	0.8995	0.9565	0.8525	0.3349	0.6684	0.9337	0.8844

1.2.12 Run 3 – IP315-200 – SF and shaft bending gauges

In-plane shaking at 315° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.9975	0.9988	0.9987	0.9987	0.9949	0.9868	0.9983	0.9953
0.1	0.9825	0.9933	0.9931	0.9921	0.9482	0.9052	0.9844	0.9457
0.2	0.6387	0.6593	0.6053	0.5577	0.6421	0.7711	0.4355	0.5749
0.3	0.9330	0.9523	0.9194	0.9420	0.9592	0.9737	0.9074	0.9368
0.4	0.9769	0.9822	0.9717	0.9833	0.9852	0.9902	0.9638	0.9753
0.5	0.9944	0.9950	0.9915	0.9945	0.9945	0.9966	0.9879	0.9911
0.6	0.9981	0.9990	0.9979	0.9981	0.9985	0.9993	0.9967	0.9980
0.7	0.9995	0.9996	0.9996	0.9995	0.9996	0.9998	0.9991	0.9994
0.8	0.9993	0.9996	0.9996	0.9995	0.9994	0.9997	0.9986	0.9993
0.9	0.9991	0.9996	0.9995	0.9996	0.9994	0.9997	0.9984	0.9992
1.0	0.9977	0.9991	0.9988	0.9990	0.9991	0.9993	0.9980	0.9981
1.1	0.9880	0.9966	0.9952	0.9963	0.9971	0.9977	0.9937	0.9939
1.2	0.9927	0.9987	0.9974	0.9977	0.9990	0.9995	0.9978	0.9984
1.3	0.9931	0.9981	0.9981	0.9983	0.9995	0.9998	0.9991	0.9994
1.4	0.9914	0.9868	0.9965	0.9964	0.9996	0.9999	0.9995	0.9997
1.5	0.9862	0.9786	0.9939	0.9943	0.9995	0.9999	0.9995	0.9998
1.6	0.9885	0.9860	0.9940	0.9946	0.9995	0.9999	0.9994	0.9998
1.7	0.9732	0.9697	0.9787	0.9800	0.9983	0.9999	0.9984	0.9998
1.8	0.9544	0.9534	0.9639	0.9659	0.9971	0.9999	0.9972	0.9997
1.9	0.9141	0.9136	0.9314	0.9352	0.9949	0.9999	0.9956	0.9994
2.0	0.9063	0.9029	0.9248	0.9299	0.9959	0.9996	0.9965	0.9990
2.1	0.9045	0.8911	0.9294	0.9362	0.9976	0.9976	0.9979	0.9959
2.2	0.9098	0.8681	0.9354	0.9459	0.9967	0.9920	0.9983	0.9874
2.3	0.7561	0.5726	0.8300	0.8573	0.9839	0.9189	0.9954	0.8786
2.4	0.8805	0.9470	0.9589	0.9638	0.9973	0.9656	0.9982	0.9307
2.5	0.9529	0.9854	0.9851	0.9871	0.9994	0.9974	0.9993	0.9946
2.6	0.9822	0.9943	0.9944	0.9949	0.9998	0.9997	0.9997	0.9993
2.7	0.9896	0.9965	0.9965	0.9969	0.9998	0.9998	0.9998	0.9997
2.8	0.9909	0.9970	0.9968	0.9972	0.9999	0.9999	0.9998	0.9997
2.9	0.9912	0.9969	0.9968	0.9972	0.9999	0.9999	0.9998	0.9998
3.0	0.9922	0.9973	0.9973	0.9976	0.9999	0.9999	0.9998	0.9999
3.1	0.9944	0.9981	0.9981	0.9983	0.9999	0.9999	0.9998	0.9999
3.2	0.9974	0.9990	0.9990	0.9992	0.9999	1.0000	0.9999	0.9999
3.3	0.9977	0.9991	0.9992	0.9993	0.9999	1.0000	0.9999	0.9999
3.4	0.9971	0.9990	0.9989	0.9991	0.9999	1.0000	0.9999	0.9999
3.5	0.9977	0.9992	0.9991	0.9992	0.9999	1.0000	0.9999	1.0000
3.6	0.9971	0.9991	0.9990	0.9991	0.9999	1.0000	0.9999	0.9999
3.7	0.9982	0.9994	0.9994	0.9994	1.0000	1.0000	0.9999	0.9999
3.8	0.9983	0.9995	0.9994	0.9995	0.9999	1.0000	0.9999	0.9999
3.9	0.9985	0.9995	0.9995	0.9995	0.9999	1.0000	0.9999	0.9999
4.0	0.9986	0.9995	0.9995	0.9995	1.0000	1.0000	0.9999	1.0000
4.1	0.9985	0.9994	0.9995	0.9995	0.9999	1.0000	0.9999	0.9999
4.2	0.9986	0.9994	0.9995	0.9995	0.9999	1.0000	0.9999	0.9999
4.3	0.9988	0.9995	0.9995	0.9995	0.9999	1.0000	0.9999	0.9999
4.4	0.9992	0.9996	0.9996	0.9997	0.9999	1.0000	0.9999	0.9999
4.5	0.9995	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
4.6	0.9995	0.9997	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
4.7	0.9995	0.9997	0.9997	0.9998	0.9999	0.9999	0.9998	0.9999
4.8	0.9995	0.9997	0.9998	0.9998	0.9999	0.9999	0.9998	0.9998
4.9	0.9995	0.9997	0.9997	0.9998	0.9999	0.9999	0.9998	0.9998
5.0	0.9995	0.9997	0.9998	0.9998	0.9999	0.9999	0.9998	0.9998
5.1	0.9995	0.9997	0.9997	0.9998	0.9999	0.9999	0.9998	0.9998
5.2	0.9995	0.9996	0.9997	0.9998	0.9999	0.9999	0.9999	0.9999
5.3	0.9995	0.9997	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
5.4	0.9995	0.9997	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
5.5	0.9994	0.9996	0.9997	0.9998	0.9999	1.0000	0.9999	0.9999
5.6	0.9991	0.9995	0.9996	0.9997	0.9999	0.9999	0.9998	0.9998
5.7	0.9990	0.9994	0.9995	0.9996	0.9998	0.9999	0.9998	0.9998
5.8	0.9992	0.9995	0.9996	0.9997	0.9999	0.9999	0.9999	0.9999
5.9	0.9989	0.9994	0.9995	0.9996	0.9999	0.9999	0.9998	0.9998
6.0	0.9989	0.9992	0.9995	0.9995	0.9998	0.9999	0.9998	0.9998
6.1	0.9990	0.9993	0.9996	0.9996	0.9998	0.9999	0.9998	0.9998
6.2	0.9991	0.9993	0.9996	0.9996	0.9998	0.9999	0.9998	0.9997
6.3	0.9990	0.9991	0.9995	0.9995	0.9998	0.9998	0.9997	0.9996
6.4	0.9990	0.9993	0.9996	0.9996	0.9999	0.9998	0.9998	0.9997
6.5	0.9990	0.9993	0.9995	0.9996	0.9998	0.9998	0.9998	0.9997
6.6	0.9988	0.9993	0.9995	0.9995	0.9998	0.9997	0.9997	0.9995
6.7	0.9985	0.9993	0.9996	0.9994	0.9998	0.9997	0.9997	0.9994
6.8	0.9982	0.9993	0.9996	0.9994	0.9998	0.9996	0.9997	0.9993
6.9	0.9986	0.9993	0.9996	0.9994	0.9998	0.9994	0.9998	0.9989
7.0	0.9981	0.9993	0.9983	0.9993	0.9996	0.9984	0.9997	0.9973
7.1	0.9950	0.9990	0.9956	0.9988	0.9991	0.9957	0.9995	0.9925
7.2	0.9966	0.9991	0.9968	0.9992	0.9994	0.9967	0.9996	0.9939
7.3	0.9988	0.9994	0.9992	0.9996	0.9997	0.9991	0.9997	0.9983
7.4	0.9988	0.9992	0.9993	0.9993	0.9997	0.9986	0.9997	0.9973
7.5	0.9992	0.9988	0.9996	0.9992	0.9998	0.9986	0.9996	0.9973
7.6	0.9992	0.9990	0.9998	0.9995	0.9998	0.9994	0.9997	0.9989
7.7	0.9988	0.9992	0.9998	0.9996	0.9998	0.9993	0.9996	0.9987
7.8	0.9991	0.9994	0.9997	0.9997	0.9998	0.9995	0.9996	0.9992
7.9	0.9991	0.9994	0.9998	0.9997	0.9998	0.9997	0.9997	0.9995

8.0	0.9988	0.9993	0.9998	0.9996	0.9997	0.9996	0.9996	0.9992
8.1	0.9990	0.9994	0.9998	0.9997	0.9997	0.9996	0.9996	0.9993
8.2	0.9989	0.9993	0.9997	0.9997	0.9996	0.9993	0.9993	0.9987
8.3	0.9990	0.9995	0.9997	0.9997	0.9997	0.9994	0.9995	0.9990
8.4	0.9994	0.9994	0.9997	0.9998	0.9997	0.9995	0.9996	0.9992
8.5	0.9991	0.9995	0.9997	0.9996	0.9998	0.9992	0.9996	0.9987
8.6	0.9988	0.9996	0.9997	0.9997	0.9998	0.9992	0.9997	0.9987
8.7	0.9994	0.9996	0.9998	0.9998	0.9997	0.9992	0.9997	0.9988
8.8	0.9992	0.9994	0.9996	0.9996	0.9997	0.9985	0.9996	0.9977
8.9	0.9991	0.9995	0.9995	0.9995	0.9996	0.9981	0.9995	0.9970
9.0	0.9988	0.9995	0.9994	0.9995	0.9993	0.9962	0.9995	0.9940
9.1	0.9989	0.9995	0.9996	0.9995	0.9994	0.9971	0.9994	0.9953
9.2	0.9981	0.9994	0.9987	0.9984	0.9987	0.9882	0.9991	0.9821
9.3	0.9987	0.9996	0.9990	0.9982	0.9980	0.9784	0.9993	0.9665
9.4	0.9992	0.9995	0.9994	0.9988	0.9989	0.9828	0.9995	0.9708
9.5	0.9994	0.9993	0.9995	0.9994	0.9994	0.9890	0.9995	0.9778
9.6	0.9995	0.9992	0.9995	0.9995	0.9994	0.9926	0.9994	0.9834
9.7	0.9992	0.9990	0.9993	0.9994	0.9992	0.9956	0.9991	0.9898
9.8	0.9991	0.9991	0.9993	0.9994	0.9993	0.9975	0.9993	0.9946
9.9	0.9988	0.9986	0.9992	0.9991	0.9990	0.9976	0.9990	0.9950
10.0	0.9978	0.9977	0.9990	0.9988	0.9985	0.9969	0.9986	0.9940
10.1	0.9986	0.9970	0.9990	0.9989	0.9982	0.9974	0.9984	0.9953
10.2	0.9989	0.9977	0.9992	0.9990	0.9986	0.9981	0.9986	0.9968
10.3	0.9990	0.9981	0.9992	0.9989	0.9988	0.9989	0.9987	0.9982
10.4	0.9993	0.9985	0.9993	0.9992	0.9991	0.9991	0.9991	0.9986
10.5	0.9994	0.9987	0.9994	0.9994	0.9992	0.9988	0.9990	0.9981
10.6	0.9991	0.9983	0.9991	0.9990	0.9988	0.9985	0.9987	0.9976
10.7	0.9990	0.9989	0.9993	0.9991	0.9991	0.9987	0.9990	0.9979
10.8	0.9990	0.9988	0.9992	0.9990	0.9991	0.9987	0.9990	0.9981
10.9	0.9987	0.9988	0.9991	0.9990	0.9989	0.9981	0.9987	0.9971
11.0	0.9985	0.9987	0.9989	0.9987	0.9988	0.9980	0.9985	0.9970
11.1	0.9986	0.9987	0.9989	0.9986	0.9988	0.9978	0.9984	0.9967
11.2	0.9984	0.9986	0.9989	0.9985	0.9988	0.9982	0.9985	0.9974
11.3	0.9987	0.9987	0.9989	0.9986	0.9987	0.9980	0.9985	0.9971
11.4	0.9988	0.9989	0.9991	0.9988	0.9989	0.9981	0.9987	0.9972
11.5	0.9987	0.9988	0.9989	0.9988	0.9988	0.9980	0.9986	0.9971
11.6	0.9980	0.9982	0.9984	0.9983	0.9984	0.9969	0.9980	0.9955
11.7	0.9986	0.9983	0.9986	0.9985	0.9985	0.9975	0.9983	0.9964
11.8	0.9974	0.9975	0.9975	0.9974	0.9976	0.9964	0.9971	0.9949
11.9	0.9979	0.9980	0.9981	0.9980	0.9980	0.9961	0.9977	0.9945
12.0	0.9980	0.9980	0.9981	0.9980	0.9980	0.9965	0.9977	0.9950
12.1	0.9974	0.9975	0.9977	0.9975	0.9975	0.9959	0.9971	0.9943
12.2	0.9965	0.9965	0.9967	0.9966	0.9966	0.9945	0.9960	0.9927
12.3	0.9953	0.9953	0.9955	0.9954	0.9952	0.9942	0.9948	0.9922
12.4	0.9945	0.9941	0.9945	0.9945	0.9942	0.9935	0.9939	0.9914
12.5	0.9944	0.9941	0.9945	0.9944	0.9941	0.9923	0.9937	0.9892
12.6	0.9952	0.9952	0.9955	0.9952	0.9952	0.9917	0.9948	0.9882
12.7	0.9933	0.9935	0.9937	0.9934	0.9932	0.9901	0.9929	0.9862
12.8	0.9918	0.9926	0.9922	0.9920	0.9913	0.9856	0.9908	0.9799
12.9	0.9909	0.9918	0.9911	0.9911	0.9898	0.9842	0.9893	0.9788
13.0	0.9897	0.9902	0.9897	0.9895	0.9875	0.9880	0.9875	0.9841
13.1	0.9869	0.9877	0.9870	0.9870	0.9847	0.9855	0.9848	0.9810
13.2	0.9824	0.9834	0.9826	0.9825	0.9806	0.9777	0.9809	0.9691
13.3	0.9728	0.9737	0.9732	0.9728	0.9704	0.9679	0.9711	0.9532
13.4	0.9663	0.9670	0.9661	0.9662	0.9609	0.9604	0.9640	0.9350
13.5	0.9627	0.9637	0.9626	0.9629	0.9570	0.9587	0.9611	0.9378
13.6	0.9600	0.9611	0.9601	0.9601	0.9525	0.9456	0.9596	0.9220
13.7	0.9780	0.9785	0.9780	0.9780	0.9725	0.9504	0.9780	0.9387
13.8	0.9819	0.9828	0.9821	0.9820	0.9752	0.9473	0.9823	0.9385
13.9	0.9823	0.9832	0.9826	0.9826	0.9746	0.9276	0.9826	0.9206
14.0	0.9847	0.9854	0.9844	0.9852	0.9719	0.8974	0.9843	0.8883
14.1	0.9880	0.9877	0.9871	0.9881	0.9777	0.9185	0.9874	0.9116
14.2	0.9822	0.9817	0.9814	0.9824	0.9742	0.9137	0.9823	0.9073
14.3	0.9898	0.9890	0.9890	0.9897	0.9857	0.9391	0.9896	0.9343
14.4	0.9871	0.9858	0.9858	0.9870	0.9846	0.9309	0.9867	0.9258
14.5	0.9915	0.9911	0.9911	0.9915	0.9914	0.9580	0.9921	0.9549
14.6	0.9928	0.9925	0.9924	0.9929	0.9927	0.9664	0.9936	0.9640
14.7	0.9945	0.9945	0.9945	0.9947	0.9947	0.9756	0.9955	0.9737
14.8	0.9958	0.9958	0.9963	0.9958	0.9977	0.9756	0.9974	0.9736
14.9	0.9977	0.9972	0.9979	0.9974	0.9993	0.9834	0.9987	0.9819
15.0	0.9975	0.9975	0.9978	0.9975	0.9982	0.9883	0.9982	0.9874
15.1	0.9966	0.9974	0.9971	0.9968	0.9975	0.9887	0.9974	0.9882
15.2	0.9977	0.9978	0.9979	0.9976	0.9983	0.9912	0.9981	0.9908
15.3	0.9980	0.9980	0.9981	0.9979	0.9984	0.9926	0.9985	0.9923
15.4	0.9979	0.9980	0.9980	0.9978	0.9984	0.9933	0.9984	0.9932
15.5	0.9982	0.9981	0.9982	0.9981	0.9982	0.9947	0.9984	0.9946
15.6	0.9986	0.9986	0.9987	0.9985	0.9986	0.9963	0.9988	0.9963
15.7	0.9984	0.9983	0.9983	0.9983	0.9986	0.9955	0.9987	0.9955
15.8	0.9972	0.9969	0.9971	0.9969	0.9975	0.9928	0.9977	0.9931
15.9	0.9984	0.9985	0.9985	0.9984	0.9984	0.9961	0.9988	0.9962
16.0	0.9986	0.9986	0.9986	0.9986	0.9986	0.9965	0.9989	0.9965
16.1	0.9980	0.9980	0.9980	0.9980	0.9982	0.9953	0.9985	0.9954
16.2	0.9984	0.9983	0.9983	0.9984	0.9987	0.9960	0.9990	0.9961
16.3	0.9984	0.9984	0.9985	0.9985	0.9990	0.9961	0.9992	0.9962
16.4	0.9988	0.9987	0.9988	0.9988	0.9991	0.9969	0.9994	0.9970
16.5	0.9984	0.9985	0.9986	0.9987	0.9990	0.9966	0.9994	0.9966

16.6	0.9987	0.9985	0.9987	0.9989	0.9993	0.9964	0.9994	0.9965
16.7	0.9988	0.9987	0.9988	0.9990	0.9992	0.9969	0.9994	0.9970
16.8	0.9989	0.9988	0.9989	0.9990	0.9987	0.9974	0.9991	0.9975
16.9	0.9983	0.9979	0.9980	0.9984	0.9982	0.9964	0.9988	0.9966
17.0	0.9979	0.9978	0.9980	0.9982	0.9985	0.9964	0.9990	0.9967
17.1	0.9979	0.9978	0.9981	0.9985	0.9979	0.9974	0.9986	0.9976
17.2	0.9987	0.9986	0.9986	0.9987	0.9986	0.9971	0.9989	0.9974
17.3	0.9978	0.9978	0.9979	0.9980	0.9983	0.9968	0.9988	0.9972
17.4	0.9973	0.9969	0.9973	0.9976	0.9990	0.9959	0.9993	0.9963
17.5	0.9978	0.9977	0.9979	0.9982	0.9990	0.9962	0.9993	0.9965
17.6	0.9975	0.9976	0.9978	0.9979	0.9989	0.9962	0.9993	0.9965
17.7	0.9960	0.9958	0.9965	0.9968	0.9989	0.9958	0.9993	0.9962
17.8	0.9960	0.9963	0.9971	0.9971	0.9991	0.9960	0.9993	0.9963
17.9	0.9959	0.9961	0.9968	0.9972	0.9989	0.9948	0.9992	0.9952
18.0	0.9958	0.9963	0.9964	0.9971	0.9989	0.9946	0.9990	0.9953
18.1	0.9968	0.9966	0.9969	0.9974	0.9993	0.9953	0.9993	0.9958
18.2	0.9964	0.9964	0.9967	0.9973	0.9991	0.9949	0.9992	0.9955
18.3	0.9959	0.9953	0.9959	0.9968	0.9990	0.9936	0.9992	0.9944
18.4	0.9954	0.9955	0.9955	0.9968	0.9991	0.9939	0.9993	0.9947
18.5	0.9950	0.9949	0.9954	0.9962	0.9991	0.9953	0.9993	0.9962
18.6	0.9927	0.9931	0.9940	0.9946	0.9988	0.9938	0.9990	0.9949
18.7	0.9908	0.9916	0.9920	0.9937	0.9985	0.9906	0.9987	0.9920
18.8	0.9939	0.9936	0.9945	0.9961	0.9991	0.9942	0.9992	0.9950
18.9	0.9930	0.9925	0.9934	0.9952	0.9992	0.9947	0.9993	0.9955
19.0	0.9907	0.9901	0.9909	0.9936	0.9989	0.9925	0.9991	0.9937
19.1	0.9897	0.9884	0.9899	0.9930	0.9987	0.9917	0.9989	0.9933
19.2	0.9845	0.9830	0.9854	0.9898	0.9980	0.9912	0.9987	0.9931
19.3	0.9830	0.9816	0.9844	0.9886	0.9987	0.9900	0.9989	0.9923
19.4	0.9792	0.9784	0.9814	0.9875	0.9981	0.9887	0.9985	0.9913
19.5	0.9761	0.9785	0.9809	0.9864	0.9975	0.9904	0.9983	0.9929
19.6	0.9774	0.9791	0.9813	0.9859	0.9980	0.9909	0.9986	0.9934
19.7	0.9720	0.9731	0.9771	0.9835	0.9982	0.9890	0.9987	0.9916
19.8	0.9739	0.9703	0.9751	0.9836	0.9985	0.9902	0.9989	0.9927
19.9	0.9779	0.9813	0.9833	0.9890	0.9984	0.9928	0.9991	0.9945
20.0	0.9664	0.9709	0.9754	0.9832	0.9982	0.9909	0.9989	0.9933
20.1	0.9543	0.9586	0.9672	0.9771	0.9987	0.9918	0.9991	0.9942
20.2	0.9396	0.9452	0.9585	0.9709	0.9986	0.9912	0.9991	0.9938
20.3	0.9382	0.9427	0.9585	0.9678	0.9979	0.9899	0.9987	0.9930
20.4	0.9166	0.9100	0.9417	0.9579	0.9975	0.9890	0.9987	0.9925
20.5	0.9049	0.8952	0.9354	0.9520	0.9982	0.9894	0.9988	0.9925
20.6	0.8681	0.8480	0.9141	0.9372	0.9976	0.9897	0.9988	0.9931
20.7	0.8743	0.8390	0.9227	0.9385	0.9983	0.9925	0.9992	0.9951
20.8	0.8724	0.8239	0.9180	0.9415	0.9985	0.9924	0.9991	0.9950
20.9	0.7468	0.6528	0.8225	0.8760	0.9972	0.9861	0.9986	0.9911
21.0	0.6120	0.4831	0.7540	0.8115	0.9976	0.9867	0.9988	0.9916
21.1	0.5391	0.3418	0.6843	0.7491	0.9976	0.9867	0.9988	0.9913
21.2	0.5328	0.3741	0.5934	0.6748	0.9967	0.9836	0.9983	0.9899
21.3	0.6122	0.4814	0.6785	0.7382	0.9968	0.9863	0.9986	0.9918
21.4	0.6152	0.4732	0.6810	0.7464	0.9976	0.9889	0.9984	0.9935
21.5	0.5996	0.4521	0.6406	0.7244	0.9972	0.9884	0.9983	0.9931
21.6	0.6889	0.5534	0.6983	0.7604	0.9958	0.9857	0.9979	0.9920
21.7	0.8132	0.7338	0.8277	0.8649	0.9971	0.9891	0.9985	0.9939
21.8	0.7558	0.6937	0.7986	0.8177	0.9972	0.9868	0.9984	0.9926
21.9	0.7726	0.6929	0.7785	0.7943	0.9965	0.9791	0.9976	0.9889
22.0	0.7631	0.6833	0.7699	0.7868	0.9951	0.9796	0.9974	0.9889
22.1	0.7280	0.7059	0.7473	0.7452	0.9949	0.9786	0.9976	0.9885
22.2	0.8087	0.8036	0.8313	0.8178	0.9961	0.9845	0.9983	0.9919
22.3	0.8224	0.8267	0.8380	0.8329	0.9962	0.9824	0.9982	0.9909
22.4	0.7626	0.7280	0.7374	0.7311	0.9943	0.9808	0.9978	0.9899
22.5	0.7387	0.7098	0.7020	0.7100	0.9950	0.9814	0.9977	0.9906
22.6	0.7633	0.7428	0.7346	0.7287	0.9944	0.9718	0.9972	0.9858
22.7	0.7511	0.7275	0.7342	0.6983	0.9944	0.9702	0.9968	0.9851
22.8	0.8495	0.8300	0.8308	0.8105	0.9958	0.9837	0.9982	0.9921
22.9	0.8402	0.8317	0.8279	0.8035	0.9947	0.9857	0.9984	0.9933
23.0	0.8477	0.8426	0.8293	0.8136	0.9940	0.9753	0.9978	0.9880
23.1	0.8884	0.8802	0.8723	0.8629	0.9938	0.9727	0.9971	0.9870
23.2	0.9278	0.9161	0.9160	0.9151	0.9949	0.9792	0.9978	0.9904
23.3	0.9448	0.9418	0.9382	0.9421	0.9939	0.9811	0.9976	0.9915
23.4	0.9208	0.9195	0.9114	0.9215	0.9913	0.9695	0.9964	0.9870
23.5	0.9261	0.9319	0.9241	0.9354	0.9922	0.9693	0.9972	0.9872
23.6	0.9290	0.9321	0.9157	0.9341	0.9923	0.9673	0.9972	0.9859
23.7	0.9459	0.9449	0.9328	0.9480	0.9942	0.9755	0.9976	0.9901
23.8	0.9448	0.9323	0.9306	0.9447	0.9934	0.9776	0.9976	0.9914
23.9	0.9178	0.8942	0.8989	0.9094	0.9931	0.9736	0.9976	0.9896
24.0	0.8830	0.8612	0.8531	0.8698	0.9908	0.9666	0.9971	0.9876
24.1	0.8720	0.8460	0.8460	0.8541	0.9914	0.9676	0.9972	0.9884
24.2	0.8016	0.7518	0.7705	0.7695	0.9879	0.9540	0.9957	0.9841
24.3	0.8367	0.7733	0.8019	0.8121	0.9918	0.9560	0.9968	0.9842
24.4	0.8606	0.8066	0.8175	0.8352	0.9926	0.9588	0.9970	0.9851
24.5	0.9028	0.8852	0.8763	0.8807	0.9933	0.9597	0.9968	0.9859
24.6	0.8712	0.8714	0.8695	0.8762	0.9935	0.9603	0.9973	0.9862
24.7	0.9118	0.8952	0.9008	0.9099	0.9933	0.9694	0.9981	0.9897
24.8	0.9483	0.9309	0.9368	0.9473	0.9935	0.9760	0.9984	0.9919
24.9	0.9502	0.9467	0.9419	0.9574	0.9922	0.9650	0.9977	0.9889
25.0	0.9560	0.9571	0.9566	0.9613	0.9931	0.9681	0.9977	0.9897
25.1	0.9512	0.9519	0.9513	0.9548	0.9918	0.9609	0.9973	0.9867

25.2	0.9565	0.9578	0.9553	0.9607	0.9916	0.9605	0.9977	0.9869
25.3	0.9659	0.9703	0.9662	0.9680	0.9903	0.9571	0.9977	0.9869
25.4	0.9717	0.9745	0.9696	0.9746	0.9901	0.9487	0.9978	0.9848
25.5	0.9682	0.9689	0.9667	0.9698	0.9904	0.9510	0.9981	0.9858
25.6	0.9703	0.9682	0.9664	0.9668	0.9902	0.9546	0.9978	0.9867
25.7	0.9740	0.9690	0.9654	0.9733	0.9867	0.9528	0.9971	0.9864
25.8	0.9777	0.9771	0.9761	0.9800	0.9883	0.9511	0.9973	0.9857
25.9	0.9805	0.9814	0.9800	0.9816	0.9848	0.9474	0.9971	0.9850
26.0	0.9822	0.9809	0.9808	0.9839	0.9869	0.9365	0.9973	0.9825
26.1	0.9853	0.9834	0.9833	0.9848	0.9911	0.9427	0.9980	0.9851
26.2	0.9813	0.9803	0.9783	0.9817	0.9900	0.9377	0.9980	0.9840
26.3	0.9848	0.9816	0.9788	0.9835	0.9859	0.9369	0.9977	0.9839
26.4	0.9849	0.9813	0.9811	0.9848	0.9856	0.9307	0.9976	0.9831
26.5	0.9855	0.9843	0.9833	0.9864	0.9867	0.9331	0.9974	0.9852
26.6	0.9861	0.9855	0.9840	0.9873	0.9860	0.9369	0.9977	0.9861
26.7	0.9898	0.9897	0.9886	0.9913	0.9868	0.9325	0.9979	0.9853
26.8	0.9906	0.9899	0.9884	0.9913	0.9869	0.9371	0.9982	0.9876
26.9	0.9867	0.9867	0.9844	0.9876	0.9834	0.9133	0.9967	0.9830
27.0	0.9868	0.9870	0.9852	0.9880	0.9827	0.9171	0.9963	0.9838
27.1	0.9827	0.9825	0.9815	0.9832	0.9791	0.9159	0.9961	0.9831
27.2	0.9839	0.9838	0.9841	0.9852	0.9746	0.9101	0.9955	0.9848
27.3	0.9837	0.9834	0.9837	0.9852	0.9737	0.8625	0.9939	0.9782
27.4	0.9813	0.9816	0.9822	0.9828	0.9710	0.8842	0.9939	0.9829
27.5	0.9840	0.9826	0.9838	0.9833	0.9649	0.8975	0.9939	0.9858
27.6	0.9844	0.9835	0.9835	0.9834	0.9587	0.8634	0.9937	0.9819
27.7	0.9874	0.9859	0.9864	0.9864	0.9545	0.8307	0.9914	0.9783
27.8	0.9836	0.9822	0.9834	0.9834	0.9377	0.8105	0.9893	0.9800
27.9	0.9771	0.9729	0.9758	0.9759	0.9044	0.8117	0.9879	0.9808
28.0	0.9777	0.9731	0.9771	0.9752	0.9049	0.7986	0.9874	0.9775
28.1	0.9884	0.9823	0.9869	0.9852	0.8982	0.7934	0.9901	0.9785
28.2	0.9882	0.9829	0.9857	0.9857	0.8903	0.8144	0.9926	0.9820
28.3	0.9825	0.9794	0.9815	0.9822	0.8374	0.8001	0.9933	0.9810
28.4	0.9803	0.9758	0.9811	0.9784	0.7987	0.7853	0.9910	0.9794
28.5	0.9835	0.9770	0.9844	0.9796	0.7957	0.7357	0.9914	0.9779
28.6	0.9832	0.9770	0.9828	0.9798	0.7575	0.6434	0.9916	0.9744
28.7	0.9703	0.9587	0.9688	0.9712	0.6629	0.5844	0.9895	0.9683
28.8	0.9618	0.9598	0.9652	0.9675	0.6503	0.5601	0.9884	0.9703
28.9	0.9662	0.9724	0.9747	0.9790	0.6893	0.5668	0.9920	0.9750
29.0	0.9715	0.9790	0.9794	0.9810	0.7250	0.6223	0.9934	0.9766
29.1	0.9788	0.9831	0.9831	0.9860	0.7298	0.5964	0.9942	0.9751
29.2	0.9782	0.9779	0.9772	0.9854	0.6694	0.5028	0.9932	0.9678
29.3	0.9731	0.9701	0.9737	0.9837	0.5652	0.4157	0.9912	0.9605
29.4	0.9693	0.9770	0.9716	0.9853	0.6206	0.3788	0.9909	0.9575
29.5	0.9792	0.9857	0.9826	0.9896	0.6995	0.3807	0.9942	0.9677
29.6	0.9796	0.9850	0.9810	0.9895	0.6222	0.2041	0.9939	0.9656
29.7	0.9752	0.9819	0.9791	0.9880	0.6315	0.2310	0.9924	0.9636
29.8	0.9807	0.9845	0.9832	0.9890	0.6639	0.2199	0.9941	0.9663
29.9	0.9753	0.9844	0.9801	0.9867	0.6295	0.1460	0.9925	0.9577
30.0	0.9701	0.9794	0.9754	0.9828	0.6859	0.0592	0.9909	0.9467
30.1	0.9761	0.9843	0.9801	0.9860	0.6422	0.0393	0.9925	0.9589
30.2	0.9770	0.9871	0.9803	0.9871	0.6245	0.0307	0.9933	0.9530
30.3	0.9787	0.9867	0.9821	0.9881	0.6112	0.0066	0.9927	0.9583
30.4	0.9721	0.9858	0.9779	0.9838	0.6511	0.0264	0.9926	0.9589
30.5	0.9687	0.9858	0.9740	0.9821	0.7643	0.2102	0.9939	0.9599
30.6	0.9689	0.9864	0.9744	0.9827	0.7432	0.2322	0.9944	0.9619
30.7	0.9639	0.9830	0.9723	0.9797	0.7074	0.1743	0.9927	0.9584
30.8	0.9720	0.9819	0.9764	0.9798	0.7528	0.1978	0.9917	0.9557
30.9	0.9731	0.9834	0.9771	0.9800	0.7671	0.2002	0.9925	0.9534
31.0	0.9645	0.9788	0.9697	0.9744	0.7563	0.2461	0.9931	0.9477
31.1	0.9643	0.9788	0.9698	0.9743	0.7719	0.3944	0.9924	0.9521
31.2	0.9584	0.9770	0.9667	0.9701	0.7461	0.3856	0.9912	0.9394
31.3	0.9616	0.9751	0.9685	0.9708	0.7801	0.3751	0.9886	0.9403
31.4	0.9503	0.9696	0.9595	0.9640	0.7820	0.5269	0.9878	0.9579
31.5	0.9636	0.9754	0.9688	0.9718	0.8304	0.6093	0.9885	0.9534
31.6	0.9623	0.9716	0.9669	0.9686	0.8434	0.5753	0.9837	0.9419
31.7	0.9528	0.9646	0.9582	0.9601	0.8144	0.6155	0.9831	0.9463
31.8	0.9680	0.9755	0.9711	0.9724	0.8678	0.7302	0.9841	0.9503
31.9	0.9564	0.9639	0.9609	0.9617	0.8450	0.6828	0.9732	0.9346
32.0	0.9374	0.9448	0.9421	0.9431	0.7929	0.5976	0.9473	0.9080
32.1	0.9370	0.9504	0.9428	0.9457	0.8260	0.6454	0.9510	0.9226
32.2	0.9433	0.9531	0.9483	0.9497	0.8188	0.6728	0.9471	0.9272
32.3	0.9248	0.9385	0.9319	0.9347	0.7965	0.6750	0.9115	0.9257
32.4	0.9292	0.9388	0.9335	0.9371	0.8434	0.7396	0.8774	0.9212
32.5	0.9300	0.9411	0.9344	0.9377	0.8449	0.7807	0.8572	0.9192
32.6	0.9368	0.9433	0.9393	0.9430	0.8313	0.8087	0.7824	0.9203
32.7	0.9109	0.9231	0.9148	0.9237	0.7817	0.7600	0.5993	0.9044
32.8	0.9217	0.9339	0.9261	0.9344	0.8137	0.8122	0.4320	0.9068
32.9	0.8963	0.9121	0.8995	0.9127	0.7699	0.7803	0.2624	0.9249
33.0	0.8869	0.9008	0.8859	0.9041	0.7846	0.8083	0.1115	0.9327
33.1	0.8861	0.8968	0.8835	0.9035	0.7944	0.8222	0.1211	0.9255
33.2	0.8542	0.8683	0.8463	0.8771	0.7804	0.8139	0.4112	0.9121
33.3	0.8956	0.9033	0.8867	0.9125	0.8426	0.8776	0.6961	0.9258
33.4	0.8276	0.8614	0.8093	0.8672	0.7600	0.8433	0.7290	0.9160
33.5	0.8504	0.8804	0.8229	0.8864	0.8060	0.8810	0.8464	0.9369
33.6	0.8654	0.8814	0.8205	0.8958	0.8204	0.8855	0.8814	0.9213
33.7	0.8739	0.8946	0.8131	0.9056	0.8096	0.9019	0.9148	0.9225

33.8	0.7560	0.8510	0.6591	0.8398	0.6897	0.8450	0.9031	0.9034
33.9	0.7093	0.8496	0.5952	0.8191	0.6984	0.8625	0.9298	0.9121
34.0	0.6926	0.8458	0.5655	0.8076	0.6857	0.8751	0.9399	0.9165
34.1	0.7141	0.8846	0.6265	0.8458	0.6931	0.9017	0.9560	0.9470
34.2	0.6474	0.8859	0.6135	0.8214	0.6554	0.8844	0.9478	0.9221
34.3	0.5338	0.8879	0.5705	0.7818	0.6850	0.8645	0.9473	0.9189
34.4	0.4646	0.9295	0.7201	0.8230	0.7566	0.9042	0.9703	0.9429
34.5	0.2674	0.9195	0.8536	0.8269	0.6934	0.9052	0.9731	0.9447
34.6	0.3527	0.9317	0.9219	0.8506	0.6606	0.8996	0.9758	0.9374
34.7	0.6002	0.9557	0.9667	0.9091	0.5583	0.8986	0.9779	0.9429
34.8	0.6239	0.9503	0.9687	0.9043	0.5892	0.9189	0.9838	0.9511
34.9	0.7882	0.9557	0.9793	0.9285	0.7005	0.9380	0.9878	0.9658
35.0	0.7877	0.9420	0.9683	0.9113	0.6699	0.9162	0.9828	0.9583
35.1	0.7720	0.9428	0.9688	0.9089	0.6161	0.9245	0.9851	0.9636
35.2	0.8108	0.9534	0.9755	0.9297	0.6309	0.9307	0.9851	0.9688
35.3	0.8474	0.9584	0.9806	0.9385	0.5856	0.9222	0.9860	0.9756
35.4	0.8407	0.9572	0.9752	0.9375	0.3800	0.9100	0.9834	0.9737
35.5	0.8925	0.9588	0.9791	0.9542	0.2490	0.9051	0.9832	0.9668
35.6	0.8530	0.9479	0.9775	0.9301	0.2338	0.8797	0.9790	0.9582
35.7	0.7821	0.9285	0.9706	0.9210	0.1303	0.8668	0.9765	0.9547
35.8	0.8055	0.9145	0.9712	0.9354	0.2106	0.8354	0.9750	0.9493
35.9	0.8596	0.9432	0.9818	0.9552	0.3285	0.8835	0.9859	0.9719
36.0	0.8877	0.9519	0.9823	0.9601	0.3401	0.8959	0.9875	0.9763
36.1	0.8697	0.9519	0.9743	0.9577	0.1883	0.8813	0.9817	0.9681
36.2	0.8594	0.9374	0.9789	0.9646	0.2571	0.9068	0.9880	0.9793
36.3	0.8269	0.9155	0.9779	0.9576	0.3228	0.8963	0.9885	0.9781
36.4	0.8437	0.9390	0.9821	0.9646	0.3683	0.9021	0.9896	0.9807
36.5	0.8244	0.9579	0.9830	0.9751	0.4399	0.9173	0.9898	0.9788
36.6	0.6868	0.9518	0.9805	0.9730	0.5064	0.8882	0.9862	0.9728
36.7	0.7265	0.9516	0.9850	0.9774	0.4320	0.9056	0.9894	0.9789
36.8	0.7081	0.9546	0.9881	0.9793	0.3602	0.8938	0.9893	0.9744
36.9	0.6951	0.9497	0.9824	0.9770	0.4095	0.8913	0.9903	0.9761
37.0	0.7152	0.9622	0.9817	0.9842	0.4944	0.8944	0.9912	0.9815
37.1	0.7340	0.9701	0.9886	0.9877	0.5685	0.8969	0.9921	0.9817
37.2	0.6256	0.9643	0.9873	0.9853	0.5223	0.8616	0.9892	0.9774
37.3	0.5344	0.9659	0.9849	0.9839	0.5736	0.8008	0.9854	0.9677
37.4	0.4237	0.9486	0.9692	0.9679	0.5585	0.8371	0.9840	0.9697
37.5	0.5485	0.9606	0.9784	0.9788	0.6340	0.8317	0.9845	0.9718
37.6	0.7151	0.9724	0.9878	0.9876	0.6702	0.8196	0.9874	0.9717
37.7	0.7370	0.9657	0.9876	0.9873	0.6573	0.7877	0.9896	0.9740
37.8	0.8035	0.9700	0.9878	0.9878	0.6240	0.7996	0.9877	0.9782
37.9	0.8207	0.9676	0.9882	0.9873	0.6587	0.7676	0.9847	0.9734
38.0	0.8520	0.9677	0.9893	0.9892	0.6554	0.7868	0.9863	0.9739
38.1	0.8444	0.9618	0.9890	0.9875	0.6195	0.7499	0.9818	0.9645
38.2	0.9221	0.9790	0.9927	0.9920	0.7135	0.7834	0.9847	0.9717
38.3	0.9238	0.9691	0.9907	0.9914	0.7084	0.7350	0.9851	0.9683
38.4	0.9228	0.9635	0.9904	0.9894	0.6483	0.7345	0.9849	0.9647
38.5	0.9423	0.9680	0.9897	0.9878	0.6760	0.6807	0.9836	0.9610
38.6	0.9518	0.9664	0.9900	0.9906	0.7242	0.6834	0.9844	0.9694
38.7	0.9708	0.9792	0.9911	0.9938	0.8286	0.7477	0.9872	0.9771
38.8	0.9663	0.9689	0.9896	0.9909	0.7513	0.7329	0.9853	0.9725
38.9	0.9637	0.9617	0.9890	0.9902	0.7746	0.7348	0.9858	0.9718
39.0	0.9705	0.9629	0.9883	0.9899	0.8037	0.6928	0.9864	0.9711
39.1	0.9742	0.9619	0.9917	0.9920	0.8042	0.7510	0.9895	0.9776
39.2	0.9811	0.9684	0.9922	0.9926	0.7838	0.7559	0.9902	0.9781
39.3	0.9803	0.9708	0.9909	0.9922	0.7935	0.7225	0.9864	0.9770
39.4	0.9816	0.9594	0.9907	0.9904	0.8132	0.6936	0.9839	0.9728
39.5	0.9799	0.9433	0.9886	0.9881	0.8059	0.7182	0.9866	0.9739
39.6	0.9823	0.9596	0.9904	0.9904	0.8263	0.7137	0.9900	0.9773
39.7	0.9737	0.9507	0.9899	0.9895	0.8229	0.7345	0.9899	0.9793
39.8	0.9687	0.9407	0.9889	0.9877	0.8367	0.6741	0.9872	0.9770
39.9	0.9811	0.9466	0.9926	0.9909	0.8421	0.6992	0.9875	0.9791
40.0	0.9811	0.9481	0.9937	0.9928	0.8478	0.6979	0.9878	0.9808
40.1	0.9765	0.9337	0.9932	0.9902	0.8212	0.5765	0.9857	0.9718
40.2	0.9729	0.9244	0.9893	0.9863	0.7934	0.5673	0.9853	0.9685
40.3	0.9729	0.9505	0.9898	0.9881	0.8308	0.5345	0.9873	0.9730
40.4	0.9690	0.9383	0.9874	0.9863	0.8138	0.4996	0.9885	0.9772
40.5	0.9676	0.9285	0.9892	0.9871	0.8119	0.5621	0.9895	0.9794
40.6	0.9624	0.9322	0.9894	0.9875	0.8314	0.5479	0.9898	0.9752
40.7	0.9672	0.9247	0.9866	0.9875	0.8004	0.5161	0.9880	0.9746
40.8	0.9669	0.9444	0.9894	0.9897	0.8360	0.5771	0.9868	0.9726
40.9	0.9631	0.9461	0.9882	0.9882	0.8540	0.6501	0.9893	0.9783
41.0	0.9643	0.9548	0.9888	0.9893	0.7761	0.6055	0.9879	0.9766
41.1	0.9556	0.9421	0.9899	0.9887	0.8013	0.4699	0.9864	0.9706
41.2	0.9598	0.9292	0.9878	0.9873	0.7520	0.5165	0.9842	0.9680
41.3	0.9582	0.9542	0.9892	0.9885	0.7839	0.6155	0.9892	0.9760
41.4	0.9497	0.9666	0.9871	0.9873	0.8192	0.6092	0.9885	0.9735
41.5	0.9591	0.9607	0.9892	0.9839	0.8067	0.6202	0.9877	0.9711
41.6	0.9466	0.9360	0.9892	0.9816	0.7556	0.5593	0.9864	0.9689
41.7	0.9346	0.9455	0.9907	0.9861	0.8043	0.5656	0.9882	0.9764
41.8	0.9210	0.9504	0.9884	0.9842	0.8244	0.5288	0.9867	0.9684
41.9	0.9211	0.9679	0.9902	0.9876	0.8286	0.5897	0.9896	0.9751
42.0	0.9158	0.9661	0.9899	0.9891	0.8525	0.6030	0.9913	0.9774
42.1	0.9207	0.9711	0.9904	0.9889	0.8442	0.6037	0.9890	0.9760
42.2	0.9186	0.9666	0.9859	0.9857	0.7753	0.6092	0.9879	0.9777
42.3	0.9195	0.9550	0.9884	0.9866	0.7809	0.5610	0.9866	0.9716

42.4	0.9084	0.9467	0.9865	0.9806	0.7529	0.5030	0.9830	0.9574
42.5	0.8760	0.9608	0.9820	0.9796	0.8048	0.5784	0.9853	0.9601
42.6	0.8782	0.9589	0.9817	0.9802	0.8442	0.6254	0.9891	0.9717
42.7	0.8877	0.9572	0.9835	0.9824	0.8504	0.6289	0.9884	0.9726
42.8	0.8837	0.9426	0.9789	0.9806	0.8414	0.6081	0.9857	0.9673
42.9	0.9017	0.9397	0.9793	0.9821	0.8105	0.5990	0.9822	0.9603
43.0	0.9315	0.9618	0.9844	0.9850	0.8643	0.6837	0.9870	0.9686
43.1	0.9526	0.9735	0.9880	0.9879	0.8512	0.6436	0.9897	0.9720
43.2	0.9217	0.9670	0.9851	0.9843	0.8047	0.6207	0.9892	0.9681
43.3	0.8669	0.9643	0.9778	0.9783	0.8318	0.6543	0.9889	0.9675
43.4	0.9093	0.9704	0.9828	0.9816	0.8576	0.7030	0.9903	0.9714
43.5	0.9337	0.9658	0.9842	0.9844	0.8336	0.7143	0.9873	0.9668
43.6	0.9694	0.9702	0.9889	0.9912	0.8743	0.7522	0.9908	0.9778
43.7	0.9525	0.9694	0.9887	0.9908	0.8716	0.6696	0.9891	0.9713
43.8	0.9404	0.9728	0.9863	0.9872	0.8384	0.6007	0.9890	0.9643
43.9	0.9329	0.9665	0.9803	0.9813	0.8463	0.6188	0.9875	0.9605
44.0	0.9611	0.9709	0.9873	0.9875	0.8327	0.6432	0.9874	0.9646
44.1	0.9774	0.9762	0.9886	0.9923	0.8671	0.6755	0.9877	0.9627
44.2	0.9719	0.9614	0.9767	0.9787	0.8615	0.7314	0.9878	0.9621
44.3	0.9666	0.9771	0.9826	0.9827	0.8437	0.6850	0.9833	0.9490
44.4	0.9604	0.9858	0.9850	0.9872	0.8912	0.7010	0.9847	0.9557
44.5	0.9707	0.9781	0.9835	0.9873	0.9139	0.7203	0.9904	0.9674
44.6	0.9777	0.9584	0.9760	0.9795	0.9166	0.7316	0.9898	0.9673
44.7	0.9713	0.9658	0.9761	0.9770	0.9167	0.7985	0.9906	0.9710
44.8	0.9687	0.9679	0.9807	0.9854	0.9030	0.7702	0.9895	0.9727
44.9	0.9790	0.9738	0.9855	0.9903	0.8805	0.8304	0.9915	0.9784
45.0	0.9696	0.9809	0.9812	0.9854	0.9073	0.7921	0.9905	0.9737
45.1	0.9676	0.9841	0.9801	0.9851	0.9207	0.7837	0.9891	0.9734
45.2	0.9744	0.9818	0.9856	0.9874	0.9256	0.7785	0.9906	0.9751
45.3	0.9817	0.9714	0.9870	0.9856	0.9457	0.8178	0.9928	0.9779
45.4	0.9684	0.9684	0.9857	0.9842	0.9374	0.7560	0.9910	0.9726
45.5	0.9642	0.9629	0.9821	0.9815	0.9310	0.7557	0.9900	0.9714
45.6	0.9767	0.9718	0.9846	0.9847	0.9371	0.7950	0.9909	0.9735
45.7	0.9612	0.9763	0.9801	0.9823	0.9204	0.8006	0.9903	0.9755
45.8	0.9721	0.9756	0.9787	0.9831	0.9279	0.7519	0.9901	0.9729
45.9	0.9803	0.9786	0.9827	0.9873	0.9204	0.7534	0.9880	0.9654
46.0	0.9860	0.9867	0.9911	0.9925	0.9253	0.8251	0.9920	0.9766
46.1	0.9895	0.9837	0.9906	0.9931	0.9199	0.7880	0.9888	0.9667
46.2	0.9704	0.9795	0.9795	0.9816	0.9318	0.7703	0.9870	0.9691
46.3	0.9485	0.9789	0.9745	0.9770	0.9437	0.8302	0.9910	0.9783
46.4	0.9545	0.9763	0.9709	0.9746	0.9329	0.8251	0.9897	0.9769
46.5	0.9483	0.9731	0.9664	0.9714	0.9442	0.8484	0.9906	0.9811
46.6	0.9646	0.9769	0.9801	0.9853	0.9579	0.8772	0.9929	0.9823
46.7	0.9792	0.9866	0.9914	0.9938	0.9624	0.8796	0.9943	0.9843
46.8	0.9725	0.9846	0.9885	0.9925	0.9553	0.8606	0.9936	0.9834
46.9	0.9665	0.9765	0.9825	0.9843	0.9522	0.8948	0.9929	0.9827
47.0	0.9581	0.9824	0.9789	0.9819	0.9419	0.8930	0.9928	0.9854
47.1	0.9415	0.9826	0.9714	0.9753	0.9439	0.8720	0.9925	0.9809
47.2	0.9368	0.9843	0.9738	0.9789	0.9409	0.8543	0.9907	0.9770
47.3	0.9424	0.9875	0.9835	0.9878	0.9448	0.8441	0.9909	0.9783
47.4	0.9283	0.9817	0.9721	0.9818	0.9511	0.8532	0.9892	0.9755
47.5	0.9735	0.9900	0.9866	0.9913	0.9468	0.8714	0.9912	0.9780
47.6	0.9751	0.9888	0.9870	0.9893	0.9547	0.8833	0.9911	0.9795
47.7	0.9721	0.9893	0.9867	0.9891	0.9648	0.9188	0.9924	0.9816
47.8	0.9592	0.9900	0.9883	0.9925	0.9632	0.9190	0.9919	0.9833
47.9	0.9423	0.9887	0.9886	0.9945	0.9506	0.8756	0.9903	0.9818
48.0	0.9661	0.9912	0.9881	0.9927	0.9434	0.9007	0.9905	0.9754
48.1	0.9469	0.9926	0.9861	0.9903	0.9470	0.9100	0.9928	0.9799
48.2	0.9437	0.9901	0.9833	0.9874	0.9660	0.9012	0.9950	0.9863
48.3	0.9584	0.9835	0.9810	0.9836	0.9673	0.9296	0.9943	0.9869
48.4	0.9593	0.9912	0.9879	0.9916	0.9488	0.9330	0.9916	0.9812
48.5	0.9341	0.9927	0.9898	0.9926	0.9415	0.9288	0.9910	0.9806
48.6	0.9544	0.9922	0.9891	0.9915	0.9406	0.9390	0.9918	0.9806
48.7	0.9617	0.9883	0.9829	0.9870	0.9474	0.9059	0.9925	0.9757
48.8	0.9537	0.9875	0.9811	0.9849	0.9534	0.9075	0.9905	0.9797
48.9	0.9419	0.9877	0.9803	0.9844	0.9576	0.9340	0.9891	0.9839
49.0	0.9417	0.9930	0.9865	0.9892	0.9583	0.9448	0.9900	0.9824
49.1	0.9363	0.9910	0.9842	0.9863	0.9620	0.9527	0.9920	0.9800
49.2	0.8926	0.9896	0.9732	0.9775	0.9492	0.9463	0.9927	0.9804
49.3	0.9071	0.9887	0.9704	0.9739	0.9608	0.9567	0.9928	0.9795
49.4	0.9395	0.9871	0.9712	0.9754	0.9596	0.9397	0.9921	0.9750
49.5	0.9639	0.9906	0.9827	0.9852	0.9600	0.9447	0.9938	0.9773
49.6	0.9634	0.9878	0.9833	0.9849	0.9580	0.9564	0.9928	0.9774
49.7	0.8451	0.9567	0.9574	0.9604	0.9557	0.9448	0.9908	0.9709
49.8	0.8122	0.9375	0.9391	0.9445	0.9600	0.9417	0.9896	0.9689
49.9	0.9278	0.9777	0.9695	0.9733	0.9420	0.9454	0.9899	0.9727
50.0	0.9527	0.9831	0.9716	0.9778	0.9542	0.9354	0.9921	0.9758
50.1	0.9535	0.9828	0.9784	0.9823	0.9452	0.9152	0.9898	0.9759
50.2	0.9751	0.9911	0.9871	0.9885	0.9611	0.9426	0.9906	0.9801
50.3	0.9806	0.9930	0.9874	0.9880	0.9652	0.9613	0.9917	0.9759
50.4	0.9680	0.9881	0.9742	0.9765	0.9547	0.9562	0.9914	0.9769
50.5	0.9727	0.9884	0.9699	0.9733	0.9620	0.9603	0.9910	0.9781
50.6	0.9704	0.9885	0.9697	0.9741	0.9675	0.9698	0.9908	0.9768
50.7	0.9651	0.9872	0.9644	0.9692	0.9686	0.9698	0.9891	0.9781
50.8	0.9742	0.9930	0.9742	0.9778	0.9738	0.9805	0.9931	0.9812
50.9	0.9591	0.9914	0.9639	0.9700	0.9694	0.9750	0.9916	0.9756

51.0	0.9234	0.9886	0.9474	0.9554	0.9725	0.9682	0.9858	0.9747
51.1	0.9216	0.9840	0.9282	0.9397	0.9728	0.9712	0.9867	0.9760
51.2	0.9707	0.9876	0.9661	0.9715	0.9697	0.9719	0.9896	0.9756
51.3	0.9690	0.9862	0.9736	0.9782	0.9762	0.9782	0.9923	0.9798
51.4	0.9290	0.9672	0.9461	0.9546	0.9725	0.9733	0.9914	0.9784
51.5	0.9253	0.9767	0.9398	0.9510	0.9743	0.9769	0.9914	0.9819
51.6	0.9515	0.9749	0.9388	0.9481	0.9692	0.9809	0.9892	0.9758
51.7	0.9713	0.9757	0.9644	0.9694	0.9726	0.9826	0.9905	0.9803
51.8	0.9752	0.9805	0.9728	0.9740	0.9764	0.9855	0.9915	0.9808
51.9	0.9733	0.9782	0.9676	0.9721	0.9671	0.9819	0.9896	0.9816
52.0	0.9682	0.9752	0.9620	0.9680	0.9732	0.9852	0.9890	0.9779
52.1	0.9777	0.9814	0.9748	0.9780	0.9690	0.9868	0.9904	0.9752
52.2	0.9801	0.9807	0.9757	0.9789	0.9684	0.9864	0.9893	0.9790
52.3	0.9754	0.9803	0.9727	0.9751	0.9697	0.9819	0.9873	0.9770
52.4	0.9721	0.9783	0.9677	0.9720	0.9733	0.9806	0.9896	0.9760
52.5	0.9714	0.9745	0.9671	0.9726	0.9723	0.9846	0.9908	0.9770
52.6	0.9786	0.9810	0.9763	0.9797	0.9777	0.9865	0.9899	0.9804
52.7	0.9693	0.9715	0.9637	0.9689	0.9781	0.9889	0.9864	0.9783
52.8	0.9716	0.9699	0.9670	0.9710	0.9848	0.9919	0.9904	0.9847
52.9	0.9774	0.9762	0.9747	0.9777	0.9822	0.9919	0.9905	0.9826
53.0	0.9854	0.9875	0.9844	0.9867	0.9815	0.9906	0.9902	0.9844
53.1	0.9876	0.9843	0.9856	0.9874	0.9790	0.9891	0.9913	0.9801
53.2	0.9866	0.9829	0.9837	0.9867	0.9760	0.9889	0.9907	0.9785
53.3	0.9800	0.9816	0.9788	0.9822	0.9787	0.9926	0.9915	0.9831
53.4	0.9646	0.9803	0.9685	0.9717	0.9781	0.9938	0.9873	0.9854
53.5	0.9663	0.9784	0.9691	0.9722	0.9792	0.9916	0.9882	0.9847
53.6	0.9825	0.9841	0.9806	0.9852	0.9808	0.9916	0.9933	0.9853
53.7	0.9837	0.9824	0.9820	0.9856	0.9860	0.9942	0.9926	0.9879
53.8	0.9691	0.9746	0.9695	0.9744	0.9818	0.9933	0.9893	0.9866
53.9	0.9716	0.9736	0.9708	0.9748	0.9845	0.9946	0.9882	0.9865
54.0	0.9858	0.9861	0.9855	0.9871	0.9870	0.9941	0.9911	0.9871
54.1	0.9817	0.9837	0.9817	0.9833	0.9831	0.9929	0.9881	0.9833
54.2	0.9562	0.9708	0.9577	0.9663	0.9700	0.9910	0.9832	0.9792
54.3	0.9678	0.9790	0.9688	0.9746	0.9756	0.9935	0.9855	0.9824
54.4	0.9851	0.9884	0.9854	0.9865	0.9823	0.9939	0.9897	0.9828
54.5	0.9924	0.9923	0.9922	0.9928	0.9834	0.9953	0.9935	0.9876
54.6	0.9895	0.9913	0.9898	0.9908	0.9809	0.9949	0.9922	0.9822
54.7	0.9835	0.9882	0.9845	0.9868	0.9788	0.9930	0.9888	0.9776
54.8	0.9754	0.9854	0.9781	0.9822	0.9701	0.9922	0.9857	0.9796
54.9	0.9862	0.9911	0.9877	0.9888	0.9821	0.9961	0.9905	0.9846
55.0	0.9886	0.9915	0.9898	0.9905	0.9860	0.9962	0.9904	0.9869
55.1	0.9881	0.9882	0.9878	0.9893	0.9792	0.9946	0.9899	0.9846
55.2	0.9890	0.9900	0.9885	0.9902	0.9820	0.9954	0.9904	0.9803
55.3	0.9904	0.9914	0.9904	0.9917	0.9797	0.9955	0.9899	0.9784
55.4	0.9877	0.9896	0.9882	0.9894	0.9776	0.9964	0.9918	0.9802
55.5	0.9846	0.9863	0.9848	0.9865	0.9796	0.9956	0.9883	0.9781
55.6	0.9880	0.9887	0.9883	0.9892	0.9792	0.9951	0.9903	0.9818
55.7	0.9912	0.9910	0.9911	0.9917	0.9808	0.9962	0.9895	0.9738
55.8	0.9925	0.9923	0.9928	0.9929	0.9867	0.9959	0.9896	0.9685
55.9	0.9925	0.9926	0.9928	0.9932	0.9854	0.9949	0.9915	0.9764
56.0	0.9864	0.9883	0.9872	0.9881	0.9786	0.9938	0.9805	0.9637
56.1	0.9884	0.9888	0.9886	0.9891	0.9820	0.9962	0.9831	0.9676
56.2	0.9854	0.9863	0.9861	0.9868	0.9825	0.9958	0.9876	0.9741
56.3	0.9915	0.9923	0.9922	0.9921	0.9813	0.9956	0.9897	0.9727
56.4	0.9897	0.9905	0.9907	0.9906	0.9742	0.9956	0.9908	0.9688
56.5	0.9897	0.9901	0.9901	0.9909	0.9772	0.9958	0.9887	0.9680
56.6	0.9901	0.9909	0.9906	0.9915	0.9774	0.9963	0.9865	0.9696
56.7	0.9910	0.9916	0.9919	0.9918	0.9782	0.9950	0.9867	0.9657
56.8	0.9885	0.9894	0.9891	0.9897	0.9746	0.9956	0.9870	0.9671
56.9	0.9896	0.9909	0.9904	0.9907	0.9793	0.9957	0.9883	0.9753
57.0	0.9874	0.9885	0.9882	0.9883	0.9790	0.9954	0.9826	0.9668
57.1	0.9868	0.9879	0.9864	0.9877	0.9772	0.9952	0.9845	0.9623
57.2	0.9870	0.9874	0.9864	0.9875	0.9771	0.9955	0.9850	0.9703
57.3	0.9876	0.9884	0.9876	0.9887	0.9798	0.9949	0.9861	0.9636
57.4	0.9875	0.9884	0.9875	0.9883	0.9794	0.9933	0.9830	0.9600
57.5	0.9871	0.9877	0.9870	0.9880	0.9754	0.9936	0.9836	0.9670
57.6	0.9858	0.9873	0.9858	0.9869	0.9766	0.9958	0.9838	0.9711
57.7	0.9872	0.9887	0.9877	0.9879	0.9832	0.9954	0.9864	0.9756
57.8	0.9897	0.9908	0.9905	0.9904	0.9844	0.9936	0.9886	0.9787
57.9	0.9849	0.9863	0.9858	0.9859	0.9703	0.9929	0.9811	0.9708
58.0	0.9856	0.9884	0.9870	0.9879	0.9759	0.9941	0.9824	0.9665
58.1	0.9833	0.9867	0.9851	0.9857	0.9793	0.9946	0.9816	0.9758
58.2	0.9805	0.9828	0.9819	0.9828	0.9757	0.9944	0.9789	0.9742
58.3	0.9863	0.9882	0.9876	0.9883	0.9772	0.9953	0.9850	0.9760
58.4	0.9851	0.9880	0.9867	0.9877	0.9781	0.9957	0.9858	0.9765
58.5	0.9839	0.9857	0.9849	0.9860	0.9764	0.9926	0.9840	0.9709
58.6	0.9769	0.9815	0.9796	0.9805	0.9743	0.9941	0.9780	0.9693
58.7	0.9742	0.9790	0.9774	0.9781	0.9729	0.9938	0.9731	0.9635
58.8	0.9735	0.9797	0.9768	0.9784	0.9684	0.9912	0.9728	0.9632
58.9	0.9802	0.9856	0.9829	0.9843	0.9768	0.9920	0.9810	0.9659
59.0	0.9772	0.9836	0.9807	0.9821	0.9754	0.9910	0.9801	0.9692
59.1	0.9796	0.9844	0.9822	0.9835	0.9762	0.9923	0.9783	0.9698
59.2	0.9802	0.9846	0.9821	0.9842	0.9807	0.9943	0.9802	0.9755
59.3	0.9782	0.9846	0.9821	0.9833	0.9743	0.9937	0.9791	0.9726
59.4	0.9756	0.9841	0.9814	0.9820	0.9740	0.9940	0.9776	0.9745
59.5	0.9713	0.9797	0.9766	0.9784	0.9666	0.9927	0.9735	0.9704

59.6	0.9745	0.9820	0.9797	0.9815	0.9675	0.9902	0.9789	0.9656
59.7	0.9775	0.9840	0.9823	0.9833	0.9714	0.9932	0.9792	0.9730
59.8	0.9677	0.9788	0.9746	0.9771	0.9592	0.9929	0.9714	0.9694
59.9	0.9616	0.9737	0.9609	0.9593	0.9261	0.9457	0.9723	0.8705
60.0	0.9432	0.9591	0.9258	0.9170	0.8488	0.8336	0.9638	0.6886
60.1	0.9648	0.9778	0.9654	0.9641	0.9310	0.9517	0.9709	0.8799
60.2	0.9734	0.9864	0.9816	0.9841	0.9730	0.9918	0.9763	0.9663
60.3	0.9732	0.9855	0.9806	0.9824	0.9709	0.9916	0.9798	0.9745
60.4	0.9752	0.9870	0.9827	0.9837	0.9687	0.9938	0.9814	0.9810
60.5	0.9711	0.9842	0.9789	0.9809	0.9652	0.9913	0.9736	0.9748
60.6	0.9727	0.9800	0.9766	0.9778	0.9628	0.9893	0.9689	0.9698
60.7	0.9765	0.9844	0.9805	0.9834	0.9639	0.9931	0.9723	0.9723
60.8	0.9789	0.9846	0.9817	0.9846	0.9577	0.9929	0.9738	0.9736
60.9	0.9812	0.9869	0.9853	0.9857	0.9594	0.9920	0.9807	0.9769
61.0	0.9786	0.9835	0.9821	0.9833	0.9614	0.9902	0.9731	0.9778
61.1	0.9748	0.9809	0.9786	0.9807	0.9533	0.9902	0.9638	0.9732
61.2	0.9782	0.9827	0.9822	0.9831	0.9523	0.9902	0.9638	0.9664
61.3	0.9821	0.9865	0.9864	0.9861	0.9606	0.9892	0.9714	0.9726
61.4	0.9675	0.9773	0.9751	0.9771	0.9489	0.9815	0.9520	0.9627
61.5	0.9689	0.9756	0.9737	0.9754	0.9374	0.9831	0.9452	0.9675
61.6	0.9794	0.9823	0.9814	0.9827	0.9631	0.9873	0.9626	0.9726
61.7	0.9729	0.9787	0.9768	0.9765	0.9482	0.9837	0.9535	0.9671
61.8	0.9670	0.9807	0.9753	0.9759	0.9427	0.9868	0.9534	0.9664
61.9	0.9750	0.9811	0.9786	0.9787	0.9570	0.9878	0.9537	0.9722
62.0	0.9715	0.9818	0.9779	0.9789	0.9485	0.9848	0.9466	0.9715
62.1	0.9628	0.9744	0.9691	0.9711	0.9200	0.9838	0.9368	0.9748
62.2	0.9795	0.9838	0.9818	0.9824	0.9411	0.9865	0.9618	0.9738
62.3	0.9821	0.9856	0.9844	0.9862	0.9543	0.9855	0.9562	0.9679
62.4	0.9713	0.9757	0.9722	0.9764	0.9443	0.9856	0.9302	0.9644
62.5	0.9772	0.9815	0.9783	0.9809	0.9475	0.9859	0.9427	0.9738
62.6	0.9812	0.9831	0.9815	0.9836	0.9486	0.9861	0.9541	0.9733
62.7	0.9778	0.9807	0.9795	0.9815	0.9473	0.9844	0.9454	0.9680
62.8	0.9710	0.9716	0.9702	0.9729	0.9376	0.9819	0.9319	0.9762
62.9	0.9726	0.9696	0.9689	0.9711	0.9484	0.9849	0.9340	0.9748
63.0	0.9813	0.9765	0.9782	0.9780	0.9458	0.9864	0.9491	0.9665
63.1	0.9818	0.9815	0.9812	0.9820	0.9490	0.9869	0.9400	0.9637
63.2	0.9765	0.9765	0.9755	0.9766	0.9318	0.9853	0.9261	0.9609
63.3	0.9675	0.9709	0.9653	0.9700	0.9071	0.9844	0.8995	0.9712
63.4	0.9734	0.9777	0.9706	0.9754	0.9286	0.9878	0.9243	0.9689
63.5	0.9790	0.9769	0.9743	0.9782	0.9404	0.9886	0.9319	0.9717
63.6	0.9790	0.9707	0.9734	0.9763	0.9407	0.9844	0.9252	0.9636
63.7	0.9833	0.9768	0.9794	0.9821	0.9453	0.9857	0.9333	0.9720
63.8	0.9811	0.9738	0.9755	0.9783	0.9316	0.9874	0.9380	0.9670
63.9	0.9777	0.9694	0.9727	0.9746	0.9178	0.9840	0.9094	0.9474
64.0	0.9790	0.9696	0.9736	0.9745	0.9139	0.9815	0.9090	0.9561
64.1	0.9770	0.9637	0.9696	0.9704	0.9156	0.9831	0.9001	0.9566
64.2	0.9691	0.9531	0.9595	0.9603	0.8949	0.9808	0.8880	0.9516
64.3	0.9734	0.9637	0.9670	0.9694	0.9242	0.9803	0.8982	0.9657
64.4	0.9733	0.9600	0.9653	0.9699	0.9217	0.9773	0.8881	0.9690
64.5	0.9694	0.9546	0.9575	0.9657	0.8861	0.9779	0.8783	0.9615
64.6	0.9690	0.9543	0.9597	0.9644	0.8948	0.9816	0.8546	0.9575
64.7	0.9754	0.9647	0.9684	0.9686	0.8965	0.9848	0.8963	0.9660
64.8	0.9754	0.9633	0.9690	0.9683	0.9008	0.9832	0.8926	0.9630
64.9	0.9784	0.9693	0.9740	0.9745	0.9157	0.9804	0.9096	0.9571
65.0	0.9813	0.9738	0.9790	0.9775	0.9230	0.9862	0.9197	0.9654
65.1	0.9669	0.9560	0.9611	0.9602	0.9041	0.9779	0.8689	0.9471
65.2	0.9440	0.9320	0.9387	0.9360	0.8436	0.9677	0.8259	0.9305
65.3	0.9594	0.9491	0.9553	0.9516	0.8895	0.9801	0.8676	0.9496
65.4	0.9726	0.9663	0.9702	0.9689	0.9129	0.9807	0.8917	0.9568
65.5	0.9638	0.9582	0.9603	0.9584	0.8902	0.9804	0.8769	0.9510
65.6	0.9646	0.9573	0.9599	0.9576	0.8911	0.9823	0.9012	0.9448
65.7	0.9632	0.9516	0.9563	0.9528	0.8771	0.9779	0.8771	0.9479
65.8	0.9665	0.9571	0.9600	0.9581	0.8863	0.9746	0.8662	0.9536
65.9	0.9522	0.9438	0.9446	0.9447	0.8635	0.9725	0.8113	0.9352
66.0	0.9469	0.9334	0.9374	0.9342	0.8454	0.9731	0.8199	0.9121
66.1	0.9508	0.9359	0.9414	0.9389	0.8511	0.9782	0.8507	0.9184
66.2	0.9443	0.9306	0.9365	0.9349	0.8416	0.9601	0.8332	0.9017
66.3	0.9571	0.9461	0.9502	0.9477	0.8376	0.9630	0.8301	0.9083
66.4	0.9567	0.9423	0.9503	0.9455	0.8214	0.9722	0.8325	0.9109
66.5	0.9499	0.9371	0.9452	0.9426	0.8256	0.9755	0.8233	0.9025
66.6	0.9549	0.9434	0.9505	0.9435	0.8283	0.9747	0.8567	0.8922
66.7	0.9559	0.9435	0.9489	0.9459	0.8520	0.9709	0.8475	0.8886
66.8	0.9479	0.9292	0.9400	0.9358	0.8046	0.9659	0.8135	0.8694
66.9	0.9490	0.9256	0.9407	0.9322	0.8129	0.9707	0.8234	0.8815
67.0	0.9490	0.9240	0.9394	0.9317	0.8129	0.9651	0.8057	0.8599
67.1	0.9467	0.9294	0.9390	0.9362	0.8251	0.9688	0.7903	0.8760
67.2	0.9621	0.9526	0.9582	0.9522	0.8694	0.9769	0.8575	0.8970
67.3	0.9568	0.9457	0.9503	0.9430	0.8652	0.9738	0.8561	0.8469
67.4	0.9507	0.9403	0.9443	0.9413	0.8316	0.9782	0.8276	0.8424
67.5	0.9369	0.9304	0.9362	0.9293	0.7984	0.9785	0.7891	0.8597
67.6	0.9414	0.9392	0.9395	0.9335	0.7985	0.9690	0.7966	0.8222
67.7	0.9611	0.9569	0.9579	0.9558	0.8311	0.9678	0.8491	0.8012
67.8	0.9667	0.9633	0.9654	0.9598	0.8660	0.9740	0.9063	0.8061
67.9	0.9617	0.9557	0.9595	0.9527	0.8721	0.9745	0.8357	0.7807
68.0	0.9555	0.9494	0.9532	0.9491	0.8472	0.9764	0.8296	0.7457
68.1	0.9574	0.9510	0.9517	0.9515	0.8598	0.9714	0.8605	0.7536

68.2	0.9583	0.9564	0.9558	0.9543	0.8284	0.9698	0.8529	0.7238
68.3	0.9587	0.9579	0.9585	0.9566	0.8393	0.9653	0.8283	0.6505
68.4	0.9658	0.9637	0.9656	0.9624	0.8695	0.9677	0.8221	0.6470
68.5	0.9535	0.9451	0.9492	0.9475	0.8326	0.9651	0.8356	0.5772
68.6	0.9343	0.9228	0.9256	0.9284	0.8212	0.9568	0.7915	0.4164
68.7	0.9471	0.9406	0.9368	0.9487	0.8271	0.9602	0.7396	0.4384
68.8	0.9580	0.9519	0.9489	0.9540	0.7936	0.9569	0.7681	0.4543
68.9	0.9596	0.9613	0.9566	0.9594	0.8040	0.9611	0.8027	0.5837
69.0	0.9752	0.9768	0.9743	0.9741	0.8851	0.9688	0.8321	0.5792
69.1	0.9697	0.9684	0.9685	0.9695	0.8742	0.9651	0.7938	0.4482
69.2	0.9673	0.9663	0.9676	0.9655	0.8492	0.9721	0.8136	0.4266
69.3	0.9543	0.9578	0.9521	0.9520	0.8253	0.9604	0.8272	0.3515
69.4	0.9374	0.9505	0.9438	0.9382	0.7927	0.9539	0.6912	0.2816
69.5	0.9405	0.9524	0.9421	0.9456	0.7934	0.9553	0.5765	0.3098
69.6	0.9569	0.9655	0.9580	0.9601	0.8274	0.9501	0.7114	0.2731
69.7	0.9624	0.9644	0.9590	0.9659	0.8615	0.9548	0.7445	0.2604
69.8	0.9656	0.9685	0.9648	0.9674	0.8679	0.9584	0.8117	0.2528
69.9	0.9581	0.9728	0.9626	0.9684	0.8261	0.9628	0.7611	0.2511
70.0	0.9513	0.9672	0.9562	0.9647	0.7619	0.9520	0.7411	0.2935
70.1	0.9561	0.9567	0.9528	0.9600	0.7340	0.9554	0.7107	0.4351
70.2	0.9669	0.9739	0.9646	0.9721	0.8175	0.9627	0.6884	0.4931
70.3	0.9661	0.9810	0.9627	0.9767	0.8618	0.9597	0.7606	0.4788
70.4	0.9637	0.9682	0.9475	0.9671	0.8429	0.9552	0.6818	0.3471
70.5	0.9508	0.9529	0.9107	0.9554	0.7900	0.9479	0.5721	0.3179
70.6	0.9436	0.9595	0.9017	0.9609	0.7769	0.9411	0.5277	0.1333
70.7	0.9428	0.9539	0.9096	0.9570	0.7246	0.9330	0.5648	0.1699
70.8	0.9363	0.9429	0.8926	0.9478	0.6964	0.9434	0.6631	0.4491
70.9	0.9210	0.9541	0.8367	0.9557	0.7150	0.9528	0.6563	0.5082
71.0	0.9129	0.9541	0.7793	0.9587	0.7289	0.9505	0.6341	0.5030
71.1	0.9162	0.9378	0.6381	0.9711	0.8057	0.9624	0.7326	0.4940
71.2	0.9294	0.9265	0.5171	0.9663	0.8675	0.9766	0.7722	0.6559
71.3	0.9227	0.9298	0.4029	0.9576	0.8625	0.9700	0.7589	0.6239
71.4	0.9015	0.9045	0.2810	0.9488	0.7906	0.9662	0.7975	0.6055
71.5	0.9334	0.9175	0.3618	0.9592	0.8171	0.9724	0.8478	0.6083
71.6	0.9457	0.9299	0.4315	0.9589	0.8504	0.9744	0.8456	0.6617
71.7	0.9372	0.9223	0.5532	0.9514	0.7863	0.9706	0.8362	0.5951
71.8	0.9138	0.9209	0.6227	0.9398	0.7691	0.9675	0.8315	0.6503
71.9	0.8785	0.8978	0.6172	0.9188	0.7275	0.9648	0.7793	0.6218
72.0	0.8875	0.8835	0.7418	0.9279	0.7297	0.9713	0.8553	0.7474
72.1	0.9217	0.9092	0.7746	0.9453	0.7819	0.9729	0.8433	0.7385
72.2	0.9384	0.8959	0.7711	0.9394	0.7669	0.9690	0.8361	0.7218
72.3	0.9477	0.9267	0.8633	0.9549	0.8384	0.9804	0.8969	0.8223
72.4	0.9534	0.9172	0.9011	0.9521	0.8478	0.9832	0.9187	0.8395
72.5	0.9526	0.9338	0.9227	0.9562	0.8180	0.9781	0.9219	0.8113
72.6	0.9404	0.9203	0.8948	0.9478	0.8026	0.9749	0.9121	0.7773
72.7	0.9281	0.8626	0.8104	0.9248	0.7048	0.9687	0.8562	0.7564
72.8	0.9137	0.8813	0.8354	0.9144	0.7156	0.9746	0.8758	0.7912
72.9	0.9228	0.8952	0.8716	0.9183	0.7634	0.9731	0.8858	0.7669
73.0	0.9167	0.8774	0.8644	0.9120	0.7385	0.9730	0.8983	0.7579
73.1	0.9105	0.8552	0.8301	0.8949	0.6887	0.9782	0.8831	0.8278
73.2	0.9085	0.8548	0.8425	0.8820	0.6398	0.9732	0.8841	0.8114
73.3	0.9102	0.8743	0.8767	0.8798	0.6966	0.9657	0.9093	0.7682
73.4	0.8908	0.8186	0.8689	0.8385	0.6926	0.9502	0.8764	0.7208
73.5	0.9223	0.8080	0.8902	0.8693	0.6608	0.9669	0.8978	0.7774
73.6	0.9252	0.8656	0.8957	0.8859	0.7308	0.9849	0.9158	0.8813
73.7	0.8717	0.8071	0.8698	0.8136	0.6316	0.9757	0.8706	0.8469
73.8	0.8673	0.8201	0.8998	0.7905	0.5891	0.9665	0.8649	0.8238
73.9	0.8878	0.8000	0.9013	0.8178	0.5688	0.9669	0.8926	0.8525
74.0	0.9207	0.8182	0.9079	0.8696	0.5156	0.9693	0.8917	0.8548
74.1	0.9196	0.8134	0.8907	0.8293	0.5782	0.9685	0.8992	0.8515
74.2	0.9001	0.7302	0.8778	0.8160	0.6299	0.9681	0.8495	0.8506
74.3	0.8808	0.7513	0.8745	0.8145	0.6218	0.9676	0.8446	0.8567
74.4	0.8745	0.7044	0.8668	0.7620	0.5812	0.9685	0.8575	0.8685
74.5	0.8694	0.6037	0.8611	0.7339	0.5829	0.9659	0.8454	0.8518
74.6	0.8646	0.6611	0.8484	0.7676	0.6741	0.9566	0.8533	0.8250
74.7	0.8763	0.7268	0.8698	0.7591	0.6102	0.9593	0.8744	0.8195
74.8	0.9018	0.6878	0.8991	0.7766	0.5674	0.9645	0.8939	0.8426
74.9	0.8788	0.6347	0.8697	0.6948	0.5595	0.9557	0.8243	0.8276
75.0	0.8789	0.5800	0.8654	0.7164	0.5130	0.9396	0.8169	0.8002
75.1	0.8978	0.5957	0.8966	0.8110	0.5441	0.9574	0.8718	0.8586
75.2	0.8732	0.5918	0.8822	0.7844	0.4762	0.9655	0.8562	0.8682
75.3	0.8651	0.5133	0.8797	0.7645	0.4386	0.9582	0.8488	0.8661
75.4	0.8427	0.3997	0.8523	0.7235	0.5241	0.9423	0.8307	0.8319
75.5	0.7834	0.3438	0.7827	0.5556	0.4013	0.9568	0.7769	0.8826
75.6	0.8110	0.3619	0.8501	0.6342	0.3344	0.9594	0.8302	0.8825
75.7	0.8642	0.4272	0.8807	0.7116	0.3150	0.9616	0.8443	0.8995
75.8	0.8628	0.3232	0.8549	0.7501	0.3680	0.9546	0.8498	0.8798
75.9	0.8028	0.2218	0.8071	0.6493	0.2852	0.9485	0.7778	0.8543
76.0	0.8072	0.1325	0.8285	0.6757	0.2369	0.9579	0.7644	0.8900
76.1	0.7826	0.1233	0.8089	0.6711	0.3042	0.9575	0.7615	0.8961
76.2	0.7526	0.1046	0.7656	0.6361	0.3901	0.9548	0.7285	0.8816
76.3	0.6946	0.0553	0.7164	0.5518	0.3533	0.9429	0.6756	0.8634
76.4	0.7324	0.0343	0.7825	0.6083	0.3788	0.9347	0.7184	0.8480
76.5	0.7821	0.1050	0.8142	0.6744	0.4231	0.9365	0.7524	0.8571
76.6	0.8387	0.2557	0.8642	0.7642	0.3148	0.9527	0.8127	0.9112
76.7	0.8428	0.3011	0.8674	0.7481	0.3663	0.9405	0.7958	0.9036

76.8	0.7565	0.2846	0.7962	0.6329	0.1503	0.9312	0.6830	0.8756
76.9	0.7656	0.4622	0.8077	0.6668	0.1474	0.9336	0.7060	0.8600
77.0	0.7900	0.5272	0.8276	0.6882	0.2648	0.9240	0.7340	0.8371
77.1	0.8319	0.6369	0.8528	0.7778	0.4136	0.9261	0.7856	0.8628
77.2	0.8345	0.6396	0.8610	0.7784	0.3622	0.9450	0.7915	0.9040
77.3	0.8750	0.7261	0.8785	0.8284	0.4888	0.9481	0.8362	0.9005
77.4	0.8722	0.7338	0.8746	0.8234	0.3406	0.9373	0.8382	0.8996
77.5	0.8336	0.7168	0.8480	0.7968	0.1905	0.8982	0.7962	0.8517
77.6	0.8674	0.7876	0.8774	0.8452	0.3894	0.9216	0.8227	0.8956
77.7	0.8654	0.7986	0.8775	0.8368	0.2593	0.9210	0.8237	0.9027
77.8	0.9092	0.8599	0.9232	0.8955	0.3280	0.9103	0.8717	0.8859
77.9	0.9071	0.8713	0.9222	0.8992	0.4228	0.9263	0.8750	0.8947
78.0	0.8933	0.8636	0.9101	0.8910	0.4206	0.8875	0.8570	0.8811
78.1	0.8921	0.8767	0.9076	0.8836	0.3447	0.8611	0.8458	0.8805
78.2	0.8871	0.8633	0.8973	0.8709	0.2936	0.8894	0.8311	0.8802
78.3	0.9184	0.8798	0.9167	0.9046	0.4189	0.8992	0.8671	0.8650
78.4	0.9135	0.8883	0.9173	0.9016	0.4402	0.9293	0.8757	0.9080
78.5	0.9208	0.8858	0.9261	0.9145	0.4319	0.9210	0.8905	0.8894
78.6	0.9479	0.9213	0.9534	0.9454	0.6323	0.9134	0.9276	0.8802
78.7	0.9552	0.9443	0.9582	0.9515	0.5616	0.9274	0.9355	0.8925
78.8	0.9524	0.9301	0.9539	0.9489	0.5523	0.9279	0.9325	0.8906
78.9	0.9392	0.9178	0.9416	0.9350	0.6075	0.9103	0.8921	0.8859
79.0	0.9360	0.9037	0.9353	0.9304	0.6092	0.9107	0.8675	0.8665
79.1	0.9398	0.8936	0.9386	0.9353	0.3743	0.9219	0.9026	0.8358
79.2	0.9501	0.9258	0.9557	0.9464	0.3344	0.9086	0.9271	0.8671
79.3	0.9340	0.9172	0.9417	0.9290	0.4514	0.9048	0.9095	0.8753
79.4	0.9061	0.8932	0.9151	0.8987	0.3895	0.8624	0.8717	0.8574
79.5	0.9355	0.9185	0.9448	0.9287	0.4929	0.9057	0.9115	0.7970
79.6	0.9599	0.9493	0.9634	0.9561	0.5076	0.9016	0.9431	0.8287
79.7	0.9511	0.9480	0.9530	0.9534	0.5621	0.9144	0.9339	0.8698
79.8	0.9529	0.9317	0.9507	0.9468	0.6654	0.9044	0.9325	0.8448
79.9	0.9632	0.9440	0.9612	0.9568	0.6610	0.8808	0.9453	0.8407
80.0	0.9662	0.9474	0.9673	0.9651	0.6053	0.8676	0.9508	0.8416

1.2.13 Run 4 – IP050 – NF and AF gauges

In-plane shaking at 50°. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.4674	0.5438	0.9976	0.9619	0.9114	0.7145	0.7803	0.9664
0.1	0.4204	0.4657	0.9841	0.6632	0.7525	0.0051	0.5974	0.8490
0.2	0.9692	0.9748	0.9651	0.9422	0.9768	0.9660	0.9745	0.9482
0.3	0.9456	0.9525	0.8068	0.7602	0.9573	0.9350	0.9531	0.8743
0.4	0.6911	0.7138	0.5274	0.5201	0.7573	0.6605	0.8099	0.4885
0.5	0.8844	0.8853	0.9659	0.9675	0.9050	0.8849	0.9610	0.6963
0.6	0.9840	0.9868	0.9952	0.9941	0.9868	0.9823	0.9937	0.9490
0.7	0.9952	0.9955	0.9985	0.9980	0.9960	0.9941	0.9981	0.9812
0.8	0.9843	0.9855	0.9947	0.9925	0.9825	0.9820	0.9962	0.9450
0.9	0.9638	0.9738	0.9705	0.9426	0.9504	0.9524	0.9883	0.8802
1.0	0.9856	0.9778	0.9774	0.9360	0.9825	0.9826	0.9955	0.9588
1.1	0.9857	0.9429	0.9873	0.9371	0.9958	0.9919	0.9981	0.9867
1.2	0.9984	0.9968	0.9992	0.9983	0.9992	0.9986	0.9993	0.9964
1.3	0.9996	0.9994	0.9996	0.9996	0.9997	0.9995	0.9996	0.9985
1.4	0.9993	0.9993	0.9994	0.9993	0.9992	0.9990	0.9996	0.9975
1.5	0.9985	0.9987	0.9991	0.9990	0.9978	0.9978	0.9992	0.9952
1.6	0.9995	0.9995	0.9992	0.9993	0.9991	0.9991	0.9995	0.9983
1.7	0.9997	0.9996	0.9982	0.9985	0.9991	0.9991	0.9992	0.9983
1.8	0.9998	0.9998	0.9970	0.9974	0.9991	0.9991	0.9987	0.9987
1.9	0.9994	0.9996	0.9918	0.9927	0.9974	0.9972	0.9956	0.9967
2.0	0.9985	0.9989	0.9901	0.9916	0.9930	0.9923	0.9897	0.9916
2.1	0.9945	0.9953	0.9923	0.9939	0.9755	0.9754	0.9717	0.9710
2.2	0.9800	0.9823	0.9948	0.9958	0.9330	0.9332	0.9269	0.9242
2.3	0.8138	0.8277	0.9909	0.9925	0.5866	0.5883	0.5713	0.5578
2.4	0.6794	0.7347	0.9953	0.9959	0.2652	0.2617	0.2996	0.3370
2.5	0.9803	0.9843	0.9986	0.9988	0.2242	0.2188	0.3170	0.4443
2.6	0.9983	0.9986	0.9995	0.9996	0.8912	0.8962	0.7797	0.6175
2.7	0.9992	0.9993	0.9997	0.9997	0.9751	0.9761	0.9601	0.9227
2.8	0.9990	0.9991	0.9996	0.9996	0.9846	0.9852	0.9803	0.9607
2.9	0.9996	0.9996	0.9997	0.9998	0.9967	0.9967	0.9963	0.9922
3.0	0.9999	0.9999	0.9999	0.9999	0.9987	0.9986	0.9981	0.9975
3.1	0.9999	0.9999	0.9999	0.9999	0.9991	0.9992	0.9986	0.9983
3.2	0.9999	0.9998	0.9999	0.9999	0.9992	0.9992	0.9991	0.9982
3.3	0.9999	0.9999	0.9999	0.9999	0.9996	0.9996	0.9995	0.9992
3.4	0.9999	1.0000	0.9999	0.9999	0.9996	0.9997	0.9994	0.9994
3.5	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9998	0.9997
3.6	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9998	0.9997
3.7	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9998
3.8	1.0000	1.0000	0.9999	1.0000	0.9999	0.9999	0.9998	0.9998
3.9	1.0000	1.0000	1.0000	1.0000	0.9998	0.9999	0.9998	0.9997
4.0	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9998
4.1	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9998
4.2	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9997
4.3	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998
4.4	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998
4.5	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9998
4.6	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998
4.7	1.0000	1.0000	1.0000	1.0000	0.9998	0.9998	0.9997	0.9997
4.8	0.9999	1.0000	1.0000	1.0000	0.9999	0.9998	0.9998	0.9997
4.9	0.9999	1.0000	1.0000	1.0000	0.9998	0.9998	0.9998	0.9996
5.0	0.9999	0.9999	1.0000	1.0000	0.9998	0.9998	0.9997	0.9995
5.1	0.9999	0.9999	1.0000	1.0000	0.9998	0.9998	0.9997	0.9995
5.2	0.9999	0.9999	1.0000	1.0000	0.9997	0.9997	0.9996	0.9994
5.3	0.9999	0.9999	1.0000	1.0000	0.9998	0.9998	0.9997	0.9995
5.4	0.9999	0.9999	1.0000	1.0000	0.9998	0.9998	0.9997	0.9996
5.5	0.9999	0.9999	1.0000	1.0000	0.9998	0.9997	0.9997	0.9995
5.6	0.9999	0.9999	1.0000	1.0000	0.9996	0.9996	0.9995	0.9993
5.7	0.9998	0.9999	0.9999	1.0000	0.9994	0.9994	0.9993	0.9991
5.8	0.9999	0.9999	1.0000	1.0000	0.9996	0.9995	0.9993	0.9993
5.9	0.9999	0.9999	1.0000	1.0000	0.9995	0.9995	0.9992	0.9992
6.0	0.9998	0.9999	0.9999	0.9999	0.9993	0.9993	0.9991	0.9988
6.1	0.9998	0.9999	0.9999	0.9999	0.9994	0.9994	0.9992	0.9989
6.2	0.9998	0.9999	0.9999	0.9999	0.9992	0.9993	0.9990	0.9988
6.3	0.9997	0.9998	0.9999	0.9999	0.9990	0.9991	0.9987	0.9984
6.4	0.9997	0.9998	0.9999	0.9999	0.9989	0.9989	0.9986	0.9982
6.5	0.9996	0.9998	0.9999	0.9999	0.9988	0.9988	0.9985	0.9982
6.6	0.9996	0.9998	0.9999	0.9999	0.9986	0.9986	0.9981	0.9978
6.7	0.9994	0.9998	0.9998	0.9999	0.9986	0.9985	0.9983	0.9974
6.8	0.9990	0.9997	0.9998	0.9998	0.9980	0.9981	0.9977	0.9971
6.9	0.9983	0.9996	0.9996	0.9996	0.9974	0.9976	0.9970	0.9963
7.0	0.9957	0.9995	0.9990	0.9987	0.9949	0.9954	0.9946	0.9931
7.1	0.9855	0.9994	0.9965	0.9945	0.9880	0.9895	0.9874	0.9853
7.2	0.9836	0.9995	0.9963	0.9962	0.9867	0.9885	0.9865	0.9831
7.3	0.9952	0.9997	0.9990	0.9989	0.9963	0.9969	0.9963	0.9948
7.4	0.9888	0.9996	0.9983	0.9986	0.9923	0.9935	0.9919	0.9901
7.5	0.9940	0.9995	0.9990	0.9994	0.9952	0.9958	0.9945	0.9936
7.6	0.9982	0.9995	0.9997	0.9998	0.9971	0.9975	0.9968	0.9955
7.7	0.9985	0.9992	0.9997	0.9999	0.9970	0.9973	0.9964	0.9955
7.8	0.9995	0.9995	0.9999	0.9999	0.9983	0.9986	0.9981	0.9970
7.9	0.9997	0.9996	0.9999	0.9998	0.9984	0.9987	0.9983	0.9974

8.0	0.9994	0.9995	0.9999	0.9998	0.9982	0.9983	0.9980	0.9971
8.1	0.9996	0.9995	0.9998	0.9998	0.9986	0.9987	0.9985	0.9976
8.2	0.9993	0.9992	0.9998	0.9997	0.9983	0.9986	0.9983	0.9973
8.3	0.9994	0.9994	0.9998	0.9998	0.9987	0.9989	0.9987	0.9977
8.4	0.9994	0.9992	0.9998	0.9997	0.9981	0.9984	0.9983	0.9967
8.5	0.9990	0.9986	0.9997	0.9994	0.9980	0.9982	0.9980	0.9971
8.6	0.9993	0.9991	0.9997	0.9995	0.9982	0.9984	0.9978	0.9974
8.7	0.9994	0.9994	0.9998	0.9998	0.9986	0.9987	0.9984	0.9979
8.8	0.9990	0.9988	0.9997	0.9997	0.9976	0.9977	0.9975	0.9966
8.9	0.9987	0.9982	0.9997	0.9997	0.9971	0.9971	0.9967	0.9960
9.0	0.9970	0.9957	0.9994	0.9996	0.9925	0.9923	0.9915	0.9901
9.1	0.9967	0.9950	0.9997	0.9994	0.9924	0.9925	0.9918	0.9904
9.2	0.9872	0.9801	0.9985	0.9981	0.9728	0.9719	0.9717	0.9655
9.3	0.9786	0.9662	0.9973	0.9978	0.9539	0.9526	0.9518	0.9449
9.4	0.9804	0.9683	0.9987	0.9987	0.9572	0.9562	0.9583	0.9466
9.5	0.9841	0.9717	0.9992	0.9993	0.9576	0.9548	0.9619	0.9427
9.6	0.9880	0.9739	0.9995	0.9994	0.9488	0.9453	0.9532	0.9188
9.7	0.9950	0.9883	0.9997	0.9996	0.9725	0.9713	0.9722	0.9441
9.8	0.9974	0.9946	0.9997	0.9997	0.9855	0.9847	0.9836	0.9662
9.9	0.9982	0.9968	0.9998	0.9997	0.9926	0.9924	0.9899	0.9845
10.0	0.9986	0.9980	0.9997	0.9997	0.9959	0.9958	0.9949	0.9900
10.1	0.9990	0.9985	0.9997	0.9996	0.9974	0.9971	0.9961	0.9938
10.2	0.9989	0.9988	0.9997	0.9997	0.9983	0.9983	0.9973	0.9957
10.3	0.9989	0.9989	0.9996	0.9996	0.9981	0.9983	0.9973	0.9955
10.4	0.9992	0.9991	0.9996	0.9996	0.9988	0.9989	0.9978	0.9962
10.5	0.9989	0.9990	0.9996	0.9996	0.9982	0.9983	0.9976	0.9950
10.6	0.9989	0.9988	0.9995	0.9995	0.9984	0.9983	0.9978	0.9959
10.7	0.9993	0.9991	0.9996	0.9995	0.9986	0.9987	0.9979	0.9967
10.8	0.9990	0.9988	0.9994	0.9993	0.9985	0.9986	0.9974	0.9970
10.9	0.9990	0.9989	0.9993	0.9992	0.9988	0.9987	0.9976	0.9970
11.0	0.9985	0.9983	0.9993	0.9993	0.9979	0.9982	0.9965	0.9961
11.1	0.9983	0.9985	0.9994	0.9994	0.9981	0.9983	0.9969	0.9965
11.2	0.9985	0.9984	0.9993	0.9993	0.9982	0.9985	0.9970	0.9967
11.3	0.9982	0.9979	0.9992	0.9993	0.9980	0.9982	0.9980	0.9957
11.4	0.9983	0.9981	0.9994	0.9993	0.9982	0.9982	0.9977	0.9966
11.5	0.9983	0.9983	0.9992	0.9991	0.9983	0.9982	0.9974	0.9970
11.6	0.9981	0.9979	0.9992	0.9992	0.9981	0.9981	0.9967	0.9975
11.7	0.9982	0.9979	0.9992	0.9992	0.9980	0.9981	0.9967	0.9977
11.8	0.9983	0.9981	0.9992	0.9992	0.9981	0.9981	0.9967	0.9979
11.9	0.9981	0.9980	0.9992	0.9992	0.9979	0.9980	0.9961	0.9979
12.0	0.9985	0.9984	0.9992	0.9992	0.9984	0.9985	0.9980	0.9978
12.1	0.9982	0.9981	0.9990	0.9989	0.9981	0.9982	0.9969	0.9980
12.2	0.9981	0.9980	0.9989	0.9989	0.9980	0.9981	0.9973	0.9977
12.3	0.9978	0.9978	0.9989	0.9989	0.9979	0.9977	0.9971	0.9977
12.4	0.9975	0.9975	0.9987	0.9987	0.9975	0.9974	0.9966	0.9973
12.5	0.9971	0.9972	0.9986	0.9986	0.9973	0.9972	0.9966	0.9969
12.6	0.9978	0.9978	0.9989	0.9988	0.9978	0.9978	0.9972	0.9977
12.7	0.9974	0.9972	0.9989	0.9987	0.9975	0.9971	0.9966	0.9974
12.8	0.9960	0.9960	0.9983	0.9983	0.9963	0.9959	0.9954	0.9962
12.9	0.9941	0.9942	0.9976	0.9977	0.9945	0.9942	0.9939	0.9935
13.0	0.9953	0.9950	0.9979	0.9981	0.9952	0.9953	0.9947	0.9954
13.1	0.9956	0.9953	0.9980	0.9981	0.9957	0.9956	0.9953	0.9952
13.2	0.9953	0.9950	0.9976	0.9976	0.9953	0.9952	0.9953	0.9947
13.3	0.9952	0.9952	0.9974	0.9975	0.9954	0.9954	0.9949	0.9953
13.4	0.9955	0.9954	0.9974	0.9974	0.9957	0.9958	0.9950	0.9960
13.5	0.9955	0.9954	0.9974	0.9974	0.9956	0.9956	0.9949	0.9960
13.6	0.9926	0.9924	0.9959	0.9960	0.9927	0.9928	0.9916	0.9934
13.7	0.9930	0.9928	0.9962	0.9963	0.9933	0.9933	0.9927	0.9933
13.8	0.9937	0.9937	0.9968	0.9968	0.9939	0.9938	0.9933	0.9943
13.9	0.9912	0.9912	0.9950	0.9950	0.9912	0.9911	0.9908	0.9914
14.0	0.9888	0.9887	0.9937	0.9937	0.9892	0.9888	0.9881	0.9896
14.1	0.9887	0.9889	0.9939	0.9938	0.9893	0.9890	0.9890	0.9893
14.2	0.9896	0.9901	0.9940	0.9938	0.9903	0.9899	0.9897	0.9905
14.3	0.9889	0.9889	0.9933	0.9932	0.9892	0.9890	0.9888	0.9893
14.4	0.9852	0.9849	0.9909	0.9907	0.9855	0.9852	0.9855	0.9852
14.5	0.9801	0.9801	0.9875	0.9872	0.9808	0.9808	0.9802	0.9813
14.6	0.9785	0.9776	0.9857	0.9849	0.9781	0.9780	0.9770	0.9799
14.7	0.9769	0.9767	0.9871	0.9865	0.9774	0.9773	0.9762	0.9788
14.8	0.9735	0.9742	0.9869	0.9869	0.9748	0.9742	0.9743	0.9753
14.9	0.9787	0.9783	0.9894	0.9893	0.9787	0.9783	0.9790	0.9777
15.0	0.9721	0.9721	0.9828	0.9832	0.9726	0.9722	0.9725	0.9704
15.1	0.9591	0.9585	0.9700	0.9705	0.9595	0.9595	0.9565	0.9606
15.2	0.9549	0.9535	0.9682	0.9679	0.9543	0.9541	0.9549	0.9538
15.3	0.9522	0.9511	0.9634	0.9630	0.9521	0.9513	0.9513	0.9520
15.4	0.9117	0.9112	0.9283	0.9285	0.9128	0.9105	0.9100	0.9137
15.5	0.9235	0.9230	0.9315	0.9315	0.9244	0.9230	0.9212	0.9267
15.6	0.9302	0.9303	0.9286	0.9286	0.9304	0.9286	0.9287	0.9314
15.7	0.9058	0.9057	0.8840	0.8846	0.9047	0.9035	0.9040	0.9065
15.8	0.9030	0.9021	0.9040	0.9049	0.9022	0.9020	0.8978	0.9063
15.9	0.9321	0.9311	0.9546	0.9550	0.9326	0.9320	0.9271	0.9355
16.0	0.9522	0.9512	0.9649	0.9655	0.9516	0.9505	0.9471	0.9533
16.1	0.9554	0.9545	0.9706	0.9712	0.9553	0.9554	0.9532	0.9559
16.2	0.9446	0.9434	0.9727	0.9731	0.9443	0.9440	0.9419	0.9448
16.3	0.9376	0.9365	0.9738	0.9746	0.9371	0.9363	0.9345	0.9375
16.4	0.9376	0.9373	0.9694	0.9708	0.9369	0.9357	0.9349	0.9362
16.5	0.9139	0.9131	0.9676	0.9688	0.9121	0.9109	0.9102	0.9106

16.6	0.9169	0.9166	0.9646	0.9652	0.9155	0.9144	0.9133	0.9149
16.7	0.9108	0.9113	0.9681	0.9682	0.9101	0.9085	0.9080	0.9095
16.8	0.9164	0.9169	0.9745	0.9749	0.9153	0.9135	0.9130	0.9142
16.9	0.9250	0.9252	0.9783	0.9786	0.9237	0.9223	0.9214	0.9227
17.0	0.9341	0.9343	0.9840	0.9839	0.9320	0.9308	0.9300	0.9309
17.1	0.9591	0.9592	0.9867	0.9862	0.9569	0.9562	0.9551	0.9558
17.2	0.9481	0.9482	0.9852	0.9841	0.9468	0.9456	0.9449	0.9461
17.3	0.9476	0.9477	0.9916	0.9906	0.9458	0.9446	0.9443	0.9450
17.4	0.9632	0.9631	0.9960	0.9951	0.9612	0.9605	0.9599	0.9603
17.5	0.9641	0.9645	0.9964	0.9954	0.9632	0.9620	0.9622	0.9618
17.6	0.9649	0.9652	0.9963	0.9955	0.9641	0.9629	0.9630	0.9630
17.7	0.9765	0.9767	0.9976	0.9972	0.9759	0.9753	0.9752	0.9756
17.8	0.9726	0.9727	0.9970	0.9967	0.9719	0.9710	0.9709	0.9707
17.9	0.9698	0.9697	0.9970	0.9969	0.9689	0.9681	0.9680	0.9675
18.0	0.9754	0.9754	0.9964	0.9965	0.9747	0.9741	0.9742	0.9734
18.1	0.9812	0.9814	0.9966	0.9967	0.9805	0.9802	0.9800	0.9797
18.2	0.9814	0.9815	0.9967	0.9967	0.9804	0.9803	0.9800	0.9798
18.3	0.9811	0.9813	0.9966	0.9966	0.9798	0.9795	0.9795	0.9787
18.4	0.9813	0.9820	0.9958	0.9961	0.9806	0.9803	0.9802	0.9798
18.5	0.9858	0.9871	0.9967	0.9974	0.9862	0.9857	0.9859	0.9857
18.6	0.9888	0.9892	0.9978	0.9980	0.9887	0.9883	0.9886	0.9882
18.7	0.9893	0.9890	0.9980	0.9977	0.9885	0.9880	0.9881	0.9877
18.8	0.9909	0.9911	0.9979	0.9977	0.9900	0.9897	0.9895	0.9893
18.9	0.9895	0.9896	0.9976	0.9973	0.9884	0.9879	0.9878	0.9874
19.0	0.9914	0.9912	0.9979	0.9977	0.9905	0.9902	0.9901	0.9896
19.1	0.9941	0.9941	0.9985	0.9984	0.9936	0.9933	0.9933	0.9929
19.2	0.9915	0.9916	0.9979	0.9979	0.9907	0.9902	0.9903	0.9898
19.3	0.9906	0.9908	0.9978	0.9978	0.9895	0.9892	0.9895	0.9882
19.4	0.9914	0.9915	0.9977	0.9977	0.9904	0.9901	0.9903	0.9892
19.5	0.9908	0.9910	0.9975	0.9974	0.9901	0.9897	0.9900	0.9891
19.6	0.9938	0.9939	0.9983	0.9982	0.9928	0.9927	0.9924	0.9921
19.7	0.9923	0.9925	0.9979	0.9979	0.9911	0.9907	0.9909	0.9898
19.8	0.9929	0.9930	0.9979	0.9978	0.9918	0.9914	0.9915	0.9905
19.9	0.9927	0.9930	0.9980	0.9981	0.9914	0.9911	0.9910	0.9902
20.0	0.9944	0.9945	0.9984	0.9983	0.9932	0.9930	0.9928	0.9921
20.1	0.9949	0.9952	0.9986	0.9985	0.9938	0.9936	0.9937	0.9926
20.2	0.9932	0.9937	0.9981	0.9981	0.9920	0.9914	0.9919	0.9898
20.3	0.9922	0.9925	0.9977	0.9979	0.9904	0.9903	0.9902	0.9883
20.4	0.9941	0.9942	0.9981	0.9983	0.9924	0.9923	0.9916	0.9912
20.5	0.9945	0.9947	0.9983	0.9983	0.9932	0.9928	0.9926	0.9914
20.6	0.9920	0.9925	0.9976	0.9976	0.9902	0.9896	0.9889	0.9880
20.7	0.9937	0.9936	0.9982	0.9980	0.9919	0.9917	0.9909	0.9901
20.8	0.9947	0.9948	0.9985	0.9986	0.9938	0.9937	0.9931	0.9927
20.9	0.9935	0.9938	0.9979	0.9980	0.9917	0.9912	0.9898	0.9899
21.0	0.9935	0.9933	0.9978	0.9977	0.9905	0.9900	0.9889	0.9864
21.1	0.9926	0.9929	0.9972	0.9971	0.9900	0.9890	0.9864	0.9868
21.2	0.9927	0.9928	0.9974	0.9971	0.9886	0.9883	0.9850	0.9858
21.3	0.9943	0.9941	0.9980	0.9980	0.9909	0.9909	0.9882	0.9885
21.4	0.9938	0.9937	0.9977	0.9979	0.9912	0.9908	0.9888	0.9889
21.5	0.9930	0.9931	0.9975	0.9972	0.9901	0.9895	0.9867	0.9875
21.6	0.9934	0.9937	0.9978	0.9977	0.9909	0.9912	0.9884	0.9899
21.7	0.9945	0.9949	0.9980	0.9981	0.9917	0.9920	0.9889	0.9895
21.8	0.9946	0.9952	0.9981	0.9982	0.9919	0.9918	0.9903	0.9874
21.9	0.9901	0.9908	0.9961	0.9966	0.9843	0.9850	0.9814	0.9775
22.0	0.9914	0.9913	0.9967	0.9968	0.9846	0.9861	0.9805	0.9789
22.1	0.9918	0.9918	0.9964	0.9966	0.9850	0.9859	0.9798	0.9802
22.2	0.9914	0.9921	0.9968	0.9972	0.9857	0.9861	0.9802	0.9805
22.3	0.9924	0.9929	0.9972	0.9973	0.9864	0.9872	0.9822	0.9796
22.4	0.9915	0.9917	0.9964	0.9963	0.9835	0.9843	0.9782	0.9734
22.5	0.9934	0.9940	0.9974	0.9975	0.9878	0.9889	0.9826	0.9820
22.6	0.9904	0.9909	0.9956	0.9958	0.9806	0.9832	0.9746	0.9718
22.7	0.9897	0.9895	0.9946	0.9953	0.9786	0.9821	0.9717	0.9726
22.8	0.9900	0.9903	0.9958	0.9959	0.9804	0.9820	0.9720	0.9755
22.9	0.9857	0.9868	0.9938	0.9939	0.9733	0.9761	0.9647	0.9660
23.0	0.9864	0.9869	0.9943	0.9944	0.9722	0.9763	0.9644	0.9663
23.1	0.9885	0.9889	0.9954	0.9957	0.9759	0.9796	0.9709	0.9711
23.2	0.9921	0.9926	0.9965	0.9965	0.9857	0.9865	0.9814	0.9799
23.3	0.9905	0.9915	0.9957	0.9951	0.9796	0.9818	0.9708	0.9728
23.4	0.9888	0.9890	0.9951	0.9949	0.9771	0.9777	0.9659	0.9729
23.5	0.9883	0.9882	0.9953	0.9954	0.9768	0.9791	0.9731	0.9667
23.6	0.9824	0.9828	0.9934	0.9927	0.9659	0.9697	0.9562	0.9543
23.7	0.9862	0.9860	0.9946	0.9942	0.9681	0.9732	0.9564	0.9573
23.8	0.9860	0.9873	0.9948	0.9952	0.9686	0.9728	0.9544	0.9614
23.9	0.9864	0.9885	0.9945	0.9950	0.9721	0.9730	0.9593	0.9625
24.0	0.9876	0.9883	0.9945	0.9946	0.9732	0.9733	0.9604	0.9618
24.1	0.9816	0.9823	0.9929	0.9935	0.9614	0.9623	0.9407	0.9486
24.2	0.9737	0.9751	0.9899	0.9905	0.9423	0.9466	0.9161	0.9261
24.3	0.9730	0.9751	0.9901	0.9911	0.9357	0.9420	0.9166	0.9106
24.4	0.9733	0.9756	0.9894	0.9906	0.9362	0.9412	0.9084	0.9114
24.5	0.9712	0.9743	0.9891	0.9884	0.9339	0.9338	0.9016	0.9103
24.6	0.9752	0.9770	0.9885	0.9891	0.9415	0.9426	0.9183	0.9198
24.7	0.9683	0.9743	0.9858	0.9869	0.9258	0.9259	0.8904	0.8970
24.8	0.9776	0.9820	0.9908	0.9912	0.9516	0.9495	0.9162	0.9338
24.9	0.9781	0.9827	0.9906	0.9922	0.9442	0.9465	0.9056	0.9293
25.0	0.9784	0.9822	0.9907	0.9926	0.9390	0.9457	0.8978	0.9140
25.1	0.9714	0.9767	0.9868	0.9887	0.9235	0.9288	0.8743	0.8996

25.2	0.9694	0.9740	0.9861	0.9861	0.9240	0.9252	0.8643	0.8993
25.3	0.9684	0.9728	0.9872	0.9866	0.9129	0.9133	0.8585	0.8697
25.4	0.9689	0.9749	0.9876	0.9894	0.9059	0.9049	0.8385	0.8191
25.5	0.9688	0.9740	0.9869	0.9885	0.9066	0.9008	0.8202	0.8179
25.6	0.9712	0.9760	0.9864	0.9881	0.9054	0.9034	0.8304	0.8272
25.7	0.9531	0.9589	0.9796	0.9806	0.8317	0.8290	0.6935	0.7107
25.8	0.9609	0.9662	0.9832	0.9835	0.8480	0.8491	0.7297	0.7268
25.9	0.9653	0.9688	0.9861	0.9873	0.8525	0.8597	0.6909	0.7703
26.0	0.9730	0.9762	0.9879	0.9893	0.8450	0.8701	0.6670	0.7338
26.1	0.9634	0.9704	0.9842	0.9881	0.8189	0.8321	0.6113	0.6943
26.2	0.9487	0.9552	0.9732	0.9767	0.7338	0.7594	0.4483	0.6066
26.3	0.9332	0.9438	0.9677	0.9723	0.6388	0.6786	0.3264	0.5207
26.4	0.9475	0.9550	0.9767	0.9817	0.6706	0.7009	0.3790	0.5650
26.5	0.9451	0.9536	0.9780	0.9821	0.6831	0.7182	0.3297	0.6432
26.6	0.9477	0.9597	0.9809	0.9837	0.6640	0.6689	0.3447	0.6147
26.7	0.9388	0.9516	0.9734	0.9773	0.5608	0.5947	0.3075	0.5279
26.8	0.9130	0.9388	0.9652	0.9730	0.3718	0.4352	0.4146	0.4158
26.9	0.9044	0.9311	0.9626	0.9720	0.2686	0.3764	0.4204	0.4325
27.0	0.8981	0.9206	0.9587	0.9676	0.1653	0.2671	0.4778	0.4153
27.1	0.9033	0.9177	0.9576	0.9670	0.1128	0.2625	0.4887	0.4740
27.2	0.8949	0.9210	0.9559	0.9685	0.0205	0.1409	0.6473	0.3504
27.3	0.8849	0.9203	0.9556	0.9692	0.0112	0.1565	0.6601	0.3515
27.4	0.9132	0.9370	0.9642	0.9740	0.0129	0.2276	0.7587	0.4652
27.5	0.8711	0.9064	0.9505	0.9659	0.0758	0.2886	0.7277	0.4703
27.6	0.8372	0.8931	0.9342	0.9555	0.1566	0.1989	0.7392	0.4148
27.7	0.8366	0.8955	0.9376	0.9626	0.3370	0.3999	0.8137	0.5421
27.8	0.8141	0.8884	0.9455	0.9657	0.5501	0.5102	0.8514	0.6297
27.9	0.7760	0.8669	0.9320	0.9572	0.5736	0.5145	0.8259	0.6717
28.0	0.7596	0.8647	0.9277	0.9594	0.6282	0.5915	0.8400	0.7135
28.1	0.8104	0.8998	0.9496	0.9755	0.7557	0.7183	0.9019	0.7956
28.2	0.7655	0.8822	0.9340	0.9655	0.7513	0.6944	0.8980	0.7913
28.3	0.6578	0.8330	0.9047	0.9475	0.7329	0.6729	0.8695	0.7890
28.4	0.7467	0.8651	0.9094	0.9512	0.7779	0.6986	0.8848	0.8079
28.5	0.6374	0.8211	0.8742	0.9529	0.8159	0.7597	0.9026	0.8136
28.6	0.5955	0.8271	0.8923	0.9634	0.8539	0.8118	0.9188	0.8550
28.7	0.5968	0.8332	0.8770	0.9599	0.8625	0.8376	0.9285	0.8646
28.8	0.4516	0.7596	0.8379	0.9531	0.8538	0.8364	0.9100	0.8685
28.9	0.4333	0.7242	0.8281	0.9485	0.8754	0.8545	0.9130	0.8932
29.0	0.5368	0.7947	0.8468	0.9471	0.9075	0.8943	0.9429	0.9145
29.1	0.4797	0.7894	0.8244	0.9412	0.9012	0.8839	0.9341	0.9083
29.2	0.4817	0.7319	0.7683	0.9292	0.8993	0.8890	0.9273	0.9132
29.3	0.4832	0.7183	0.7432	0.9268	0.9300	0.9133	0.9455	0.9308
29.4	0.4050	0.6688	0.6838	0.9088	0.9161	0.9012	0.9346	0.9153
29.5	0.5574	0.7351	0.7049	0.9351	0.9348	0.9310	0.9474	0.9414
29.6	0.6042	0.7223	0.6158	0.9052	0.9293	0.9287	0.9428	0.9388
29.7	0.4834	0.6337	0.5148	0.8490	0.9087	0.9033	0.9285	0.9148
29.8	0.6233	0.7831	0.6450	0.8996	0.9383	0.9324	0.9529	0.9415
29.9	0.6141	0.6519	0.4940	0.8628	0.9318	0.9274	0.9457	0.9350
30.0	0.6593	0.6208	0.4450	0.8296	0.9412	0.9350	0.9452	0.9483
30.1	0.7238	0.7092	0.5026	0.8315	0.9482	0.9422	0.9535	0.9524
30.2	0.7695	0.6897	0.4983	0.7873	0.9654	0.9635	0.9706	0.9631
30.3	0.7517	0.6445	0.4369	0.7255	0.9576	0.9557	0.9638	0.9530
30.4	0.7943	0.6303	0.4839	0.6985	0.9505	0.9506	0.9620	0.9510
30.5	0.8277	0.6925	0.6900	0.6748	0.9659	0.9671	0.9647	0.9724
30.6	0.8566	0.7178	0.7328	0.5908	0.9723	0.9712	0.9610	0.9754
30.7	0.8603	0.6740	0.7082	0.4936	0.9624	0.9636	0.9603	0.9645
30.8	0.8594	0.6650	0.7612	0.4295	0.9703	0.9707	0.9684	0.9710
30.9	0.8277	0.5392	0.7163	0.3111	0.9685	0.9669	0.9640	0.9676
31.0	0.8516	0.6476	0.7536	0.3459	0.9716	0.9711	0.9645	0.9711
31.1	0.8581	0.6934	0.7937	0.3240	0.9772	0.9779	0.9701	0.9796
31.2	0.8829	0.6508	0.8651	0.3195	0.9777	0.9780	0.9644	0.9822
31.3	0.8918	0.5505	0.8681	0.3352	0.9761	0.9761	0.9580	0.9800
31.4	0.8769	0.4625	0.8616	0.3781	0.9749	0.9769	0.9511	0.9827
31.5	0.8969	0.5673	0.8970	0.6098	0.9755	0.9781	0.9595	0.9770
31.6	0.9408	0.6941	0.9320	0.6897	0.9844	0.9840	0.9698	0.9809
31.7	0.9182	0.6327	0.9059	0.7212	0.9775	0.9757	0.9611	0.9769
31.8	0.9342	0.7486	0.9404	0.7838	0.9857	0.9839	0.9703	0.9804
31.9	0.9254	0.6583	0.9117	0.7196	0.9783	0.9794	0.9660	0.9737
32.0	0.9229	0.6720	0.9149	0.7542	0.9730	0.9742	0.9583	0.9709
32.1	0.9437	0.7687	0.9400	0.8071	0.9785	0.9807	0.9639	0.9805
32.2	0.9465	0.8172	0.9498	0.8424	0.9811	0.9815	0.9683	0.9838
32.3	0.9587	0.8411	0.9542	0.8613	0.9825	0.9838	0.9763	0.9801
32.4	0.9606	0.8308	0.9479	0.8533	0.9814	0.9836	0.9763	0.9767
32.5	0.9680	0.8695	0.9582	0.8894	0.9849	0.9859	0.9788	0.9804
32.6	0.9735	0.8946	0.9633	0.9031	0.9853	0.9870	0.9815	0.9813
32.7	0.9807	0.9386	0.9738	0.9280	0.9905	0.9918	0.9868	0.9894
32.8	0.9740	0.9386	0.9759	0.9374	0.9884	0.9877	0.9831	0.9862
32.9	0.9617	0.9090	0.9655	0.9099	0.9813	0.9804	0.9757	0.9771
33.0	0.9795	0.9483	0.9779	0.9422	0.9893	0.9898	0.9867	0.9859
33.1	0.9825	0.9580	0.9803	0.9526	0.9909	0.9911	0.9897	0.9871
33.2	0.9834	0.9649	0.9848	0.9508	0.9908	0.9906	0.9892	0.9880
33.3	0.9873	0.9731	0.9901	0.9657	0.9929	0.9926	0.9916	0.9903
33.4	0.9772	0.9559	0.9817	0.9407	0.9852	0.9856	0.9843	0.9833
33.5	0.9794	0.9630	0.9833	0.9214	0.9854	0.9860	0.9854	0.9837
33.6	0.9833	0.9702	0.9856	0.9219	0.9881	0.9878	0.9878	0.9860
33.7	0.9815	0.9701	0.9775	0.9235	0.9849	0.9854	0.9844	0.9836

33.8	0.9745	0.9618	0.9770	0.8980	0.9802	0.9808	0.9792	0.9799
33.9	0.9727	0.9585	0.9716	0.8864	0.9762	0.9776	0.9768	0.9761
34.0	0.9731	0.9631	0.9707	0.9246	0.9764	0.9765	0.9765	0.9750
34.1	0.9696	0.9600	0.9680	0.9316	0.9711	0.9714	0.9702	0.9702
34.2	0.9503	0.9424	0.9491	0.9188	0.9510	0.9514	0.9500	0.9510
34.3	0.9452	0.9346	0.9482	0.9124	0.9450	0.9443	0.9424	0.9446
34.4	0.9443	0.9276	0.9492	0.9164	0.9401	0.9391	0.9359	0.9411
34.5	0.9403	0.9151	0.9527	0.9201	0.9366	0.9351	0.9291	0.9397
34.6	0.9511	0.9268	0.9589	0.9225	0.9436	0.9427	0.9380	0.9464
34.7	0.9736	0.9575	0.9785	0.9556	0.9701	0.9690	0.9664	0.9712
34.8	0.9585	0.9228	0.9686	0.9290	0.9509	0.9482	0.9421	0.9545
34.9	0.9767	0.9385	0.9835	0.9546	0.9707	0.9693	0.9645	0.9742
35.0	0.9749	0.9222	0.9797	0.9457	0.9704	0.9674	0.9626	0.9736
35.1	0.9671	0.8791	0.9712	0.8866	0.9526	0.9487	0.9450	0.9520
35.2	0.9636	0.8303	0.9773	0.8881	0.9459	0.9383	0.9249	0.9482
35.3	0.9490	0.7245	0.9748	0.8844	0.9207	0.9020	0.8736	0.9291
35.4	0.9331	0.6283	0.9698	0.7981	0.8657	0.8359	0.7924	0.8813
35.5	0.9229	0.6251	0.9696	0.8220	0.7989	0.7571	0.7111	0.8266
35.6	0.8821	0.4397	0.9689	0.8423	0.6306	0.5424	0.4735	0.6963
35.7	0.8837	0.4583	0.9559	0.6906	0.4925	0.3676	0.2990	0.5757
35.8	0.8043	0.4705	0.9384	0.6785	0.2508	0.1134	0.1758	0.3447
35.9	0.8656	0.7578	0.9650	0.8276	0.1138	0.0345	0.3603	0.2929
36.0	0.7694	0.7492	0.9604	0.8456	0.0046	0.1908	0.4480	0.1042
36.1	0.6685	0.7737	0.9579	0.8164	0.1913	0.4379	0.5466	0.2570
36.2	0.5469	0.8178	0.9576	0.8411	0.4129	0.5983	0.6101	0.4782
36.3	0.4493	0.8169	0.9435	0.8664	0.4613	0.6369	0.6580	0.4879
36.4	0.5185	0.8495	0.9389	0.8617	0.6721	0.7754	0.7536	0.7020
36.5	0.6135	0.8640	0.9344	0.9056	0.7389	0.8174	0.7833	0.7759
36.6	0.5328	0.8243	0.9071	0.8899	0.7447	0.8016	0.7514	0.7691
36.7	0.6596	0.8797	0.9198	0.9045	0.8347	0.8703	0.8300	0.8460
36.8	0.6661	0.8878	0.9090	0.9284	0.8431	0.8776	0.8420	0.8575
36.9	0.7204	0.8942	0.8807	0.9118	0.8475	0.8799	0.8496	0.8534
37.0	0.7663	0.9030	0.8628	0.9045	0.8545	0.8860	0.8520	0.8617
37.1	0.8160	0.9195	0.8591	0.9156	0.9029	0.9239	0.8875	0.9145
37.2	0.8562	0.9267	0.8871	0.9393	0.9146	0.9301	0.9016	0.9190
37.3	0.8235	0.9115	0.8199	0.9420	0.8785	0.8986	0.8607	0.8899
37.4	0.8010	0.8943	0.7301	0.9258	0.8538	0.8748	0.8476	0.8587
37.5	0.8513	0.9200	0.7816	0.9400	0.8899	0.9047	0.8872	0.8951
37.6	0.8814	0.9283	0.8479	0.9522	0.9088	0.9214	0.8979	0.9152
37.7	0.9006	0.9204	0.8805	0.9579	0.9038	0.9173	0.8925	0.9063
37.8	0.8874	0.9070	0.8262	0.9520	0.8753	0.8921	0.8889	0.8681
37.9	0.9001	0.9291	0.8586	0.9578	0.8993	0.9118	0.9103	0.8904
38.0	0.9177	0.9183	0.8867	0.9584	0.8795	0.8976	0.8724	0.8926
38.1	0.9147	0.9312	0.8939	0.9593	0.8826	0.9014	0.8731	0.9003
38.2	0.9391	0.9531	0.9366	0.9722	0.9161	0.9259	0.9179	0.9166
38.3	0.9575	0.9576	0.9447	0.9755	0.9346	0.9425	0.9338	0.9353
38.4	0.9541	0.9571	0.9450	0.9781	0.9391	0.9483	0.9302	0.9463
38.5	0.9507	0.9485	0.9344	0.9633	0.9251	0.9354	0.9028	0.9418
38.6	0.9711	0.9686	0.9566	0.9706	0.9536	0.9596	0.9446	0.9617
38.7	0.9720	0.9757	0.9606	0.9721	0.9573	0.9632	0.9529	0.9629
38.8	0.9670	0.9723	0.9495	0.9670	0.9579	0.9639	0.9564	0.9573
38.9	0.9620	0.9591	0.9306	0.9585	0.9546	0.9609	0.9547	0.9520
39.0	0.9626	0.9560	0.9537	0.9670	0.9635	0.9677	0.9580	0.9658
39.1	0.9661	0.9589	0.9404	0.9680	0.9504	0.9555	0.9481	0.9550
39.2	0.9564	0.9598	0.9335	0.9667	0.9459	0.9523	0.9431	0.9542
39.3	0.9639	0.9638	0.9427	0.9723	0.9527	0.9583	0.9482	0.9602
39.4	0.9645	0.9644	0.9446	0.9747	0.9612	0.9665	0.9599	0.9629
39.5	0.9554	0.9559	0.9447	0.9687	0.9611	0.9658	0.9602	0.9619
39.6	0.9597	0.9595	0.9476	0.9746	0.9662	0.9711	0.9637	0.9714
39.7	0.9516	0.9628	0.9413	0.9765	0.9703	0.9728	0.9627	0.9763
39.8	0.9415	0.9514	0.9361	0.9759	0.9579	0.9600	0.9463	0.9683
39.9	0.9446	0.9481	0.9421	0.9716	0.9589	0.9603	0.9508	0.9661
40.0	0.9429	0.9495	0.9237	0.9658	0.9641	0.9658	0.9584	0.9707
40.1	0.9360	0.9452	0.9097	0.9577	0.9641	0.9652	0.9557	0.9713
40.2	0.9021	0.9120	0.8346	0.9453	0.9404	0.9404	0.9277	0.9526
40.3	0.8975	0.9255	0.8232	0.9491	0.9455	0.9473	0.9376	0.9539
40.4	0.9057	0.9140	0.8605	0.9401	0.9402	0.9401	0.9262	0.9506
40.5	0.8901	0.8856	0.8190	0.9312	0.9323	0.9289	0.9222	0.9355
40.6	0.8729	0.8905	0.7475	0.9390	0.9320	0.9259	0.9211	0.9379
40.7	0.8805	0.9106	0.7468	0.9336	0.9221	0.9192	0.9111	0.9294
40.8	0.9136	0.9135	0.7318	0.9396	0.9294	0.9249	0.9141	0.9428
40.9	0.8919	0.9225	0.7293	0.9502	0.9252	0.9213	0.9094	0.9380
41.0	0.8674	0.8965	0.6424	0.9393	0.9090	0.9054	0.8879	0.9293
41.1	0.8271	0.8779	0.4812	0.9332	0.8968	0.8905	0.8730	0.9244
41.2	0.8203	0.8921	0.5044	0.9426	0.9041	0.8999	0.8804	0.9303
41.3	0.8140	0.8692	0.5066	0.9328	0.8941	0.8940	0.8693	0.9216
41.4	0.7655	0.8405	0.5160	0.9176	0.8879	0.8827	0.8643	0.9098
41.5	0.8243	0.8482	0.3624	0.9374	0.9003	0.8947	0.8799	0.9170
41.6	0.8155	0.8393	0.2014	0.9318	0.8581	0.8580	0.8325	0.8867
41.7	0.7855	0.8278	0.0753	0.9279	0.8643	0.8604	0.8372	0.8974
41.8	0.8268	0.8739	0.0988	0.9460	0.8824	0.8824	0.8646	0.9091
41.9	0.8608	0.8867	0.0867	0.9588	0.9034	0.9051	0.8818	0.9263
42.0	0.8065	0.8698	0.0356	0.9495	0.8845	0.8814	0.8653	0.9076
42.1	0.7566	0.8520	0.0134	0.9415	0.8853	0.8746	0.8716	0.8999
42.2	0.7356	0.8707	0.0429	0.9488	0.8866	0.8862	0.8607	0.9134
42.3	0.7381	0.8689	0.0350	0.9437	0.8716	0.8785	0.8374	0.9119

42.4	0.7613	0.8372	0.0172	0.9384	0.8442	0.8520	0.8094	0.8874
42.5	0.8105	0.8805	0.0821	0.9512	0.8930	0.8977	0.8681	0.9182
42.6	0.8003	0.8793	0.1804	0.9613	0.9176	0.9211	0.9011	0.9346
42.7	0.8097	0.8732	0.1657	0.9593	0.9021	0.9101	0.8931	0.9230
42.8	0.8400	0.8995	0.3334	0.9540	0.9020	0.9091	0.9010	0.9025
42.9	0.7964	0.8856	0.2616	0.9543	0.8824	0.8914	0.8819	0.8794
43.0	0.8434	0.9049	0.3759	0.9679	0.9170	0.9250	0.9008	0.9296
43.1	0.8442	0.9232	0.4133	0.9633	0.9299	0.9361	0.9125	0.9440
43.2	0.8342	0.9225	0.3907	0.9567	0.9342	0.9362	0.9216	0.9423
43.3	0.8449	0.9235	0.6158	0.9522	0.9396	0.9419	0.9376	0.9390
43.4	0.8775	0.9306	0.8018	0.9612	0.9487	0.9507	0.9465	0.9515
43.5	0.8797	0.9270	0.7375	0.9402	0.9235	0.9294	0.9282	0.9278
43.6	0.8736	0.9209	0.6886	0.9219	0.9135	0.9148	0.9219	0.9090
43.7	0.8775	0.9230	0.7526	0.9249	0.9282	0.9303	0.9307	0.9264
43.8	0.9106	0.9101	0.8172	0.9291	0.9143	0.9199	0.9184	0.9164
43.9	0.8950	0.9137	0.8378	0.9333	0.9217	0.9227	0.9249	0.9116
44.0	0.8953	0.9133	0.8627	0.9283	0.9228	0.9246	0.9243	0.9128
44.1	0.9371	0.9263	0.8941	0.9371	0.9100	0.9225	0.9229	0.8963
44.2	0.9252	0.9231	0.8996	0.9265	0.9174	0.9220	0.9296	0.9088
44.3	0.9466	0.9439	0.8921	0.9492	0.9385	0.9415	0.9412	0.9426
44.4	0.9480	0.9454	0.7940	0.9357	0.9299	0.9357	0.9278	0.9401
44.5	0.9553	0.9477	0.7830	0.9408	0.9427	0.9492	0.9482	0.9447
44.6	0.9653	0.9376	0.8268	0.9255	0.9229	0.9282	0.9430	0.8983
44.7	0.9699	0.9447	0.8905	0.9150	0.9157	0.9171	0.9445	0.8782
44.8	0.9731	0.9375	0.9137	0.9100	0.9289	0.9333	0.9499	0.9042
44.9	0.9697	0.9382	0.9397	0.9039	0.9240	0.9317	0.9494	0.8816
45.0	0.9629	0.9468	0.9385	0.9318	0.9393	0.9451	0.9532	0.9110
45.1	0.9661	0.9470	0.9306	0.9476	0.9320	0.9423	0.9451	0.9240
45.2	0.9764	0.9616	0.9392	0.9580	0.9322	0.9439	0.9475	0.9354
45.3	0.9748	0.9728	0.9377	0.9473	0.9428	0.9550	0.9532	0.9408
45.4	0.9687	0.9673	0.9272	0.8969	0.9297	0.9431	0.9449	0.9057
45.5	0.9745	0.9651	0.9305	0.9284	0.9306	0.9443	0.9555	0.8994
45.6	0.9740	0.9612	0.9437	0.9322	0.9283	0.9418	0.9574	0.8839
45.7	0.9687	0.9568	0.9442	0.9125	0.9176	0.9293	0.9506	0.8735
45.8	0.9727	0.9535	0.9484	0.9343	0.9382	0.9416	0.9551	0.9152
45.9	0.9803	0.9640	0.9560	0.9464	0.9409	0.9575	0.9532	0.9455
46.0	0.9846	0.9631	0.9580	0.9468	0.9316	0.9578	0.9513	0.9214
46.1	0.9806	0.9667	0.9414	0.9151	0.8790	0.9365	0.9341	0.8767
46.2	0.9775	0.9604	0.8504	0.8319	0.8386	0.9167	0.9266	0.8060
46.3	0.9860	0.9657	0.8940	0.8849	0.9284	0.9599	0.9367	0.9177
46.4	0.9864	0.9673	0.9225	0.9173	0.9277	0.9616	0.9268	0.9353
46.5	0.9840	0.9652	0.9030	0.8988	0.9002	0.9522	0.8264	0.9299
46.6	0.9778	0.9579	0.8760	0.8342	0.8850	0.9382	0.7076	0.9001
46.7	0.9760	0.9699	0.9160	0.8040	0.9084	0.9448	0.7113	0.8994
46.8	0.9822	0.9723	0.9313	0.8451	0.9158	0.9468	0.7802	0.8997
46.9	0.9851	0.9777	0.9461	0.9086	0.9317	0.9545	0.7948	0.9285
47.0	0.9810	0.9733	0.9412	0.8642	0.9282	0.9452	0.5700	0.9179
47.1	0.9788	0.9734	0.9123	0.7316	0.9321	0.9388	0.5312	0.9110
47.2	0.9843	0.9816	0.9329	0.8116	0.9499	0.9496	0.8026	0.9102
47.3	0.9848	0.9815	0.9581	0.8948	0.9529	0.9559	0.8298	0.9225
47.4	0.9870	0.9813	0.9590	0.8963	0.9514	0.9567	0.8411	0.9290
47.5	0.9859	0.9757	0.9614	0.9228	0.9503	0.9562	0.8406	0.9416
47.6	0.9884	0.9788	0.9617	0.9061	0.9636	0.9574	0.8296	0.9640
47.7	0.9845	0.9829	0.9574	0.9106	0.9600	0.9548	0.8162	0.9584
47.8	0.9856	0.9832	0.9009	0.7589	0.9522	0.9392	0.7964	0.9430
47.9	0.9852	0.9798	0.7840	0.4745	0.9373	0.9326	0.7495	0.8783
48.0	0.9827	0.9811	0.8080	0.4642	0.9339	0.9328	0.7505	0.8856
48.1	0.9864	0.9844	0.9047	0.7045	0.9710	0.9655	0.9323	0.9547
48.2	0.9878	0.9814	0.9489	0.8827	0.9831	0.9725	0.9665	0.9723
48.3	0.9872	0.9835	0.9611	0.8410	0.9836	0.9768	0.9745	0.9740
48.4	0.9846	0.9828	0.9669	0.8208	0.9804	0.9756	0.9735	0.9666
48.5	0.9704	0.9684	0.9215	0.7523	0.9680	0.9589	0.9513	0.9328
48.6	0.9716	0.9617	0.9023	0.7736	0.9750	0.9686	0.9553	0.9430
48.7	0.9713	0.9674	0.9305	0.8129	0.9796	0.9727	0.9664	0.9566
48.8	0.9686	0.9716	0.9427	0.6576	0.9785	0.9710	0.9631	0.9699
48.9	0.9731	0.9695	0.9197	0.4400	0.9817	0.9758	0.9717	0.9725
49.0	0.9773	0.9653	0.9025	0.4771	0.9820	0.9733	0.9734	0.9624
49.1	0.9756	0.9680	0.9247	0.5947	0.9859	0.9793	0.9771	0.9627
49.2	0.9660	0.9593	0.9044	0.7792	0.9827	0.9775	0.9737	0.9526
49.3	0.9686	0.9513	0.9087	0.7791	0.9826	0.9808	0.9720	0.9620
49.4	0.9603	0.9440	0.8832	0.6050	0.9792	0.9804	0.9649	0.9621
49.5	0.9737	0.9640	0.9016	0.6511	0.9853	0.9862	0.9794	0.9700
49.6	0.9761	0.9751	0.8904	0.7609	0.9865	0.9846	0.9827	0.9700
49.7	0.9008	0.8898	0.4526	0.2240	0.9493	0.9546	0.8900	0.8345
49.8	0.7670	0.6418	0.2776	0.0119	0.8718	0.8862	0.7255	0.6453
49.9	0.9130	0.8522	0.4215	0.0585	0.9545	0.9572	0.8907	0.8523
50.0	0.9730	0.9634	0.8307	0.4626	0.9833	0.9821	0.9752	0.9650
50.1	0.9529	0.9491	0.7084	0.5095	0.9788	0.9787	0.9640	0.9522
50.2	0.9719	0.9638	0.7957	0.5521	0.9846	0.9840	0.9766	0.9683
50.3	0.9815	0.9741	0.8825	0.6915	0.9868	0.9867	0.9860	0.9792
50.4	0.9707	0.9649	0.8965	0.7639	0.9856	0.9853	0.9857	0.9800
50.5	0.9654	0.9629	0.9004	0.8227	0.9861	0.9853	0.9832	0.9806
50.6	0.9741	0.9620	0.9047	0.8647	0.9867	0.9871	0.9847	0.9831
50.7	0.9674	0.9583	0.9062	0.8782	0.9836	0.9860	0.9827	0.9798
50.8	0.9779	0.9656	0.9441	0.8928	0.9874	0.9873	0.9857	0.9840
50.9	0.9831	0.9731	0.9435	0.9056	0.9905	0.9904	0.9898	0.9871

51.0	0.9865	0.9812	0.9560	0.9243	0.9922	0.9923	0.9908	0.9909
51.1	0.9840	0.9778	0.9522	0.9385	0.9874	0.9876	0.9875	0.9850
51.2	0.9863	0.9852	0.9667	0.9498	0.9882	0.9879	0.9879	0.9852
51.3	0.9859	0.9862	0.9578	0.9382	0.9907	0.9901	0.9891	0.9881
51.4	0.9785	0.9691	0.8488	0.8114	0.9899	0.9896	0.9854	0.9851
51.5	0.9830	0.9720	0.8875	0.8761	0.9897	0.9895	0.9874	0.9870
51.6	0.9896	0.9853	0.9533	0.9585	0.9899	0.9907	0.9898	0.9885
51.7	0.9872	0.9850	0.9785	0.9686	0.9872	0.9864	0.9868	0.9853
51.8	0.9888	0.9880	0.9762	0.9696	0.9896	0.9893	0.9897	0.9892
51.9	0.9856	0.9829	0.9558	0.9611	0.9859	0.9856	0.9867	0.9845
52.0	0.9864	0.9869	0.9732	0.9810	0.9887	0.9892	0.9893	0.9869
52.1	0.9840	0.9817	0.9675	0.9767	0.9861	0.9862	0.9851	0.9838
52.2	0.9894	0.9865	0.9670	0.9784	0.9893	0.9895	0.9893	0.9884
52.3	0.9903	0.9857	0.9391	0.9555	0.9901	0.9901	0.9900	0.9892
52.4	0.9905	0.9862	0.9592	0.9630	0.9904	0.9903	0.9902	0.9899
52.5	0.9895	0.9856	0.9750	0.9798	0.9884	0.9886	0.9878	0.9895
52.6	0.9884	0.9870	0.9605	0.9789	0.9901	0.9902	0.9895	0.9909
52.7	0.9911	0.9910	0.9415	0.9707	0.9925	0.9923	0.9920	0.9922
52.8	0.9914	0.9901	0.9563	0.9686	0.9925	0.9922	0.9925	0.9919
52.9	0.9916	0.9914	0.9673	0.9755	0.9931	0.9928	0.9931	0.9922
53.0	0.9913	0.9920	0.9760	0.9827	0.9936	0.9936	0.9942	0.9920
53.1	0.9882	0.9884	0.9685	0.9831	0.9911	0.9914	0.9912	0.9896
53.2	0.9880	0.9865	0.9513	0.9831	0.9904	0.9907	0.9898	0.9891
53.3	0.9901	0.9875	0.9202	0.9832	0.9913	0.9912	0.9882	0.9921
53.4	0.9908	0.9873	0.9684	0.9864	0.9908	0.9908	0.9900	0.9906
53.5	0.9888	0.9862	0.9596	0.9817	0.9899	0.9903	0.9903	0.9890
53.6	0.9906	0.9891	0.9202	0.9737	0.9928	0.9930	0.9925	0.9924
53.7	0.9913	0.9904	0.9516	0.9804	0.9935	0.9935	0.9927	0.9936
53.8	0.9913	0.9907	0.9580	0.9797	0.9933	0.9934	0.9933	0.9929
53.9	0.9896	0.9892	0.9827	0.9864	0.9936	0.9935	0.9935	0.9929
54.0	0.9911	0.9915	0.9854	0.9877	0.9946	0.9948	0.9943	0.9949
54.1	0.9899	0.9899	0.9629	0.9770	0.9930	0.9934	0.9928	0.9939
54.2	0.9880	0.9861	0.9559	0.9686	0.9916	0.9917	0.9918	0.9915
54.3	0.9895	0.9896	0.9747	0.9846	0.9936	0.9934	0.9931	0.9925
54.4	0.9894	0.9893	0.9703	0.9859	0.9935	0.9939	0.9939	0.9927
54.5	0.9904	0.9893	0.9742	0.9828	0.9951	0.9949	0.9947	0.9947
54.6	0.9860	0.9859	0.9015	0.9543	0.9928	0.9928	0.9920	0.9925
54.7	0.9867	0.9856	0.9029	0.9684	0.9914	0.9913	0.9902	0.9916
54.8	0.9790	0.9728	0.9341	0.9614	0.9858	0.9857	0.9840	0.9865
54.9	0.9856	0.9842	0.9617	0.9692	0.9916	0.9914	0.9905	0.9919
55.0	0.9821	0.9801	0.9596	0.9609	0.9908	0.9902	0.9907	0.9908
55.1	0.9811	0.9771	0.9614	0.9607	0.9892	0.9894	0.9900	0.9887
55.2	0.9842	0.9738	0.9517	0.9508	0.9887	0.9890	0.9889	0.9896
55.3	0.9819	0.9721	0.9196	0.9401	0.9890	0.9889	0.9894	0.9887
55.4	0.9834	0.9754	0.8649	0.9303	0.9905	0.9902	0.9907	0.9894
55.5	0.9794	0.9742	0.8711	0.9417	0.9900	0.9902	0.9908	0.9889
55.6	0.9824	0.9720	0.9100	0.9441	0.9902	0.9903	0.9899	0.9902
55.7	0.9794	0.9677	0.8933	0.9429	0.9883	0.9883	0.9878	0.9885
55.8	0.9780	0.9693	0.8829	0.9463	0.9888	0.9888	0.9891	0.9879
55.9	0.9819	0.9759	0.8193	0.9305	0.9903	0.9901	0.9901	0.9897
56.0	0.9804	0.9761	0.7602	0.9228	0.9915	0.9914	0.9912	0.9910
56.1	0.9803	0.9694	0.8762	0.9488	0.9907	0.9908	0.9901	0.9897
56.2	0.9773	0.9585	0.8794	0.9613	0.9886	0.9885	0.9875	0.9862
56.3	0.9745	0.9594	0.8848	0.9672	0.9898	0.9892	0.9890	0.9877
56.4	0.9809	0.9672	0.8922	0.9710	0.9930	0.9929	0.9927	0.9924
56.5	0.9799	0.9753	0.8892	0.9722	0.9932	0.9930	0.9924	0.9927
56.6	0.9797	0.9741	0.8950	0.9723	0.9916	0.9913	0.9907	0.9919
56.7	0.9797	0.9624	0.9002	0.9672	0.9907	0.9904	0.9905	0.9911
56.8	0.9648	0.9527	0.9046	0.9692	0.9883	0.9886	0.9887	0.9878
56.9	0.9637	0.9540	0.9176	0.9705	0.9890	0.9888	0.9889	0.9867
57.0	0.9625	0.9478	0.9117	0.9634	0.9855	0.9856	0.9861	0.9848
57.1	0.9565	0.9436	0.9038	0.9631	0.9824	0.9827	0.9840	0.9816
57.2	0.9687	0.9517	0.9020	0.9706	0.9864	0.9865	0.9881	0.9845
57.3	0.9729	0.9569	0.9411	0.9817	0.9900	0.9907	0.9909	0.9880
57.4	0.9677	0.9549	0.9422	0.9786	0.9882	0.9881	0.9879	0.9867
57.5	0.9653	0.9547	0.9510	0.9794	0.9878	0.9881	0.9876	0.9868
57.6	0.9680	0.9662	0.9568	0.9785	0.9874	0.9879	0.9879	0.9865
57.7	0.9718	0.9675	0.9661	0.9801	0.9901	0.9908	0.9906	0.9897
57.8	0.9759	0.9636	0.9687	0.9798	0.9906	0.9907	0.9906	0.9897
57.9	0.9741	0.9585	0.9534	0.9735	0.9893	0.9891	0.9899	0.9881
58.0	0.9633	0.9626	0.9288	0.9696	0.9877	0.9877	0.9887	0.9862
58.1	0.9619	0.9516	0.9366	0.9750	0.9883	0.9882	0.9879	0.9879
58.2	0.9655	0.9388	0.9584	0.9803	0.9881	0.9883	0.9873	0.9868
58.3	0.9602	0.9323	0.9652	0.9812	0.9840	0.9832	0.9840	0.9818
58.4	0.9679	0.9432	0.9650	0.9780	0.9834	0.9832	0.9849	0.9823
58.5	0.9701	0.9540	0.9720	0.9860	0.9855	0.9860	0.9868	0.9852
58.6	0.9709	0.9543	0.9700	0.9886	0.9884	0.9880	0.9885	0.9868
58.7	0.9691	0.9409	0.9753	0.9854	0.9891	0.9888	0.9887	0.9883
58.8	0.9527	0.9131	0.9753	0.9797	0.9844	0.9847	0.9855	0.9843
58.9	0.9451	0.9177	0.9688	0.9805	0.9874	0.9881	0.9888	0.9869
59.0	0.9551	0.9252	0.9697	0.9791	0.9865	0.9865	0.9870	0.9848
59.1	0.9659	0.9432	0.9783	0.9867	0.9892	0.9884	0.9889	0.9874
59.2	0.9620	0.9470	0.9732	0.9873	0.9885	0.9871	0.9881	0.9876
59.3	0.9534	0.9337	0.9670	0.9819	0.9850	0.9840	0.9859	0.9841
59.4	0.9512	0.9185	0.9722	0.9823	0.9848	0.9849	0.9858	0.9844
59.5	0.9510	0.9201	0.9814	0.9842	0.9882	0.9880	0.9891	0.9874

59.6	0.9521	0.9130	0.9808	0.9871	0.9869	0.9865	0.9885	0.9850
59.7	0.9548	0.9249	0.9792	0.9873	0.9871	0.9877	0.9892	0.9849
59.8	0.9407	0.8893	0.9781	0.9840	0.9847	0.9857	0.9872	0.9814
59.9	0.0574	0.1755	0.5615	0.8325	0.9669	0.9661	0.9801	0.9390
60.0	0.0269	0.0915	0.2955	0.5231	0.9119	0.9080	0.9592	0.8192
60.1	0.0587	0.1936	0.5397	0.8045	0.9545	0.9509	0.9729	0.9231
60.2	0.8749	0.8863	0.9765	0.9839	0.9814	0.9808	0.9844	0.9774
60.3	0.9103	0.9095	0.9814	0.9858	0.9826	0.9837	0.9859	0.9803
60.4	0.8871	0.9045	0.9819	0.9865	0.9817	0.9835	0.9858	0.9793
60.5	0.8788	0.9106	0.9827	0.9866	0.9845	0.9854	0.9876	0.9816
60.6	0.8881	0.9059	0.9852	0.9886	0.9861	0.9864	0.9880	0.9840
60.7	0.8641	0.8857	0.9834	0.9867	0.9836	0.9842	0.9847	0.9815
60.8	0.8330	0.8935	0.9787	0.9822	0.9740	0.9747	0.9779	0.9678
60.9	0.8316	0.9020	0.9826	0.9891	0.9823	0.9810	0.9838	0.9765
61.0	0.7559	0.9128	0.9860	0.9874	0.9848	0.9837	0.9855	0.9803
61.1	0.7667	0.9235	0.9901	0.9874	0.9816	0.9800	0.9846	0.9770
61.2	0.8084	0.9195	0.9845	0.9838	0.9800	0.9791	0.9834	0.9769
61.3	0.7626	0.9164	0.9822	0.9824	0.9799	0.9802	0.9824	0.9761
61.4	0.7043	0.9168	0.9833	0.9841	0.9787	0.9798	0.9819	0.9742
61.5	0.7261	0.9061	0.9816	0.9819	0.9727	0.9713	0.9767	0.9667
61.6	0.8027	0.9203	0.9849	0.9860	0.9770	0.9756	0.9804	0.9684
61.7	0.7046	0.9219	0.9825	0.9839	0.9794	0.9787	0.9819	0.9758
61.8	0.7484	0.9276	0.9822	0.9841	0.9798	0.9802	0.9825	0.9762
61.9	0.8433	0.9109	0.9845	0.9832	0.9786	0.9789	0.9815	0.9752
62.0	0.8375	0.9218	0.9860	0.9822	0.9799	0.9800	0.9821	0.9741
62.1	0.8396	0.9295	0.9847	0.9822	0.9759	0.9767	0.9790	0.9699
62.2	0.8493	0.9298	0.9775	0.9803	0.9690	0.9695	0.9717	0.9637
62.3	0.8819	0.9237	0.9818	0.9818	0.9703	0.9713	0.9722	0.9652
62.4	0.8895	0.9377	0.9839	0.9818	0.9750	0.9759	0.9775	0.9705
62.5	0.9174	0.9403	0.9856	0.9825	0.9757	0.9771	0.9798	0.9713
62.6	0.9260	0.9453	0.9851	0.9832	0.9728	0.9745	0.9766	0.9674
62.7	0.9183	0.9395	0.9806	0.9784	0.9687	0.9697	0.9710	0.9655
62.8	0.9203	0.9505	0.9860	0.9808	0.9738	0.9743	0.9765	0.9690
62.9	0.9368	0.9373	0.9852	0.9821	0.9758	0.9761	0.9786	0.9701
63.0	0.9344	0.9087	0.9828	0.9839	0.9736	0.9735	0.9764	0.9689
63.1	0.9521	0.9252	0.9832	0.9834	0.9734	0.9735	0.9749	0.9692
63.2	0.9623	0.9421	0.9844	0.9832	0.9784	0.9799	0.9802	0.9738
63.3	0.9636	0.9405	0.9837	0.9803	0.9728	0.9734	0.9738	0.9692
63.4	0.9571	0.9314	0.9778	0.9757	0.9651	0.9660	0.9687	0.9614
63.5	0.9482	0.9310	0.9801	0.9778	0.9675	0.9677	0.9722	0.9631
63.6	0.9621	0.9424	0.9811	0.9791	0.9685	0.9689	0.9737	0.9644
63.7	0.9719	0.9591	0.9843	0.9837	0.9761	0.9758	0.9785	0.9731
63.8	0.9715	0.9546	0.9858	0.9839	0.9786	0.9783	0.9789	0.9782
63.9	0.9580	0.9315	0.9816	0.9801	0.9750	0.9746	0.9760	0.9740
64.0	0.9636	0.9344	0.9809	0.9777	0.9737	0.9712	0.9751	0.9686
64.1	0.9606	0.9395	0.9798	0.9780	0.9719	0.9702	0.9720	0.9689
64.2	0.9533	0.9421	0.9820	0.9818	0.9720	0.9718	0.9740	0.9691
64.3	0.9657	0.9528	0.9834	0.9844	0.9761	0.9758	0.9783	0.9720
64.4	0.9595	0.9493	0.9813	0.9811	0.9724	0.9712	0.9733	0.9691
64.5	0.9539	0.9378	0.9790	0.9777	0.9692	0.9685	0.9726	0.9652
64.6	0.9613	0.9348	0.9809	0.9770	0.9749	0.9748	0.9775	0.9721
64.7	0.9704	0.9567	0.9846	0.9811	0.9768	0.9767	0.9781	0.9764
64.8	0.9680	0.9589	0.9857	0.9816	0.9747	0.9751	0.9760	0.9729
64.9	0.9707	0.9633	0.9868	0.9811	0.9787	0.9794	0.9798	0.9765
65.0	0.9761	0.9625	0.9867	0.9810	0.9812	0.9801	0.9816	0.9801
65.1	0.9706	0.9683	0.9836	0.9812	0.9821	0.9808	0.9838	0.9784
65.2	0.9710	0.9622	0.9813	0.9797	0.9787	0.9785	0.9807	0.9749
65.3	0.9756	0.9542	0.9817	0.9802	0.9764	0.9760	0.9776	0.9744
65.4	0.9728	0.9503	0.9828	0.9812	0.9773	0.9764	0.9784	0.9736
65.5	0.9728	0.9625	0.9817	0.9793	0.9774	0.9769	0.9798	0.9725
65.6	0.9788	0.9668	0.9857	0.9822	0.9829	0.9832	0.9845	0.9805
65.7	0.9753	0.9550	0.9816	0.9775	0.9795	0.9801	0.9817	0.9767
65.8	0.9791	0.9672	0.9842	0.9812	0.9829	0.9831	0.9839	0.9812
65.9	0.9716	0.9653	0.9821	0.9775	0.9794	0.9788	0.9804	0.9762
66.0	0.9617	0.9604	0.9766	0.9666	0.9747	0.9739	0.9769	0.9689
66.1	0.9650	0.9700	0.9776	0.9688	0.9773	0.9780	0.9788	0.9734
66.2	0.9664	0.9627	0.9786	0.9712	0.9753	0.9753	0.9771	0.9723
66.3	0.9777	0.9694	0.9842	0.9769	0.9850	0.9849	0.9860	0.9826
66.4	0.9739	0.9633	0.9864	0.9726	0.9832	0.9827	0.9843	0.9805
66.5	0.9638	0.9502	0.9819	0.9650	0.9753	0.9739	0.9773	0.9712
66.6	0.9664	0.9556	0.9776	0.9634	0.9764	0.9743	0.9790	0.9709
66.7	0.9734	0.9713	0.9753	0.9639	0.9807	0.9788	0.9827	0.9758
66.8	0.9700	0.9740	0.9827	0.9736	0.9820	0.9820	0.9838	0.9781
66.9	0.9582	0.9528	0.9763	0.9598	0.9743	0.9741	0.9779	0.9703
67.0	0.9546	0.9597	0.9799	0.9658	0.9749	0.9733	0.9788	0.9672
67.1	0.9616	0.9622	0.9844	0.9720	0.9754	0.9723	0.9778	0.9666
67.2	0.9670	0.9715	0.9842	0.9731	0.9814	0.9802	0.9838	0.9767
67.3	0.9454	0.9589	0.9814	0.9696	0.9713	0.9713	0.9731	0.9655
67.4	0.9482	0.9632	0.9765	0.9755	0.9735	0.9734	0.9776	0.9626
67.5	0.9423	0.9653	0.9755	0.9800	0.9739	0.9708	0.9783	0.9631
67.6	0.9266	0.9513	0.9751	0.9621	0.9680	0.9657	0.9737	0.9544
67.7	0.9304	0.9621	0.9735	0.9631	0.9728	0.9738	0.9787	0.9641
67.8	0.9408	0.9562	0.9798	0.9727	0.9744	0.9739	0.9778	0.9648
67.9	0.9409	0.9560	0.9804	0.9772	0.9721	0.9706	0.9752	0.9622
68.0	0.9214	0.9419	0.9792	0.9803	0.9698	0.9655	0.9739	0.9557
68.1	0.9319	0.9493	0.9813	0.9792	0.9718	0.9677	0.9751	0.9592

68.2	0.9379	0.9466	0.9861	0.9814	0.9770	0.9732	0.9798	0.9682
68.3	0.9103	0.9524	0.9793	0.9787	0.9749	0.9702	0.9770	0.9640
68.4	0.8852	0.9564	0.9715	0.9735	0.9678	0.9644	0.9724	0.9520
68.5	0.8805	0.9453	0.9738	0.9762	0.9678	0.9620	0.9686	0.9536
68.6	0.8703	0.9388	0.9755	0.9740	0.9574	0.9486	0.9595	0.9379
68.7	0.8689	0.9439	0.9738	0.9729	0.9524	0.9462	0.9545	0.9323
68.8	0.8524	0.9342	0.9687	0.9689	0.9564	0.9476	0.9571	0.9397
68.9	0.8712	0.9401	0.9682	0.9708	0.9562	0.9491	0.9594	0.9347
69.0	0.9077	0.9535	0.9779	0.9803	0.9665	0.9637	0.9732	0.9466
69.1	0.8965	0.9525	0.9806	0.9809	0.9704	0.9661	0.9742	0.9528
69.2	0.8826	0.9418	0.9784	0.9770	0.9652	0.9624	0.9698	0.9492
69.3	0.8814	0.9418	0.9709	0.9723	0.9675	0.9644	0.9714	0.9500
69.4	0.8769	0.9323	0.9727	0.9694	0.9637	0.9596	0.9674	0.9441
69.5	0.8871	0.9256	0.9734	0.9700	0.9512	0.9445	0.9573	0.9182
69.6	0.8850	0.9373	0.9782	0.9781	0.9614	0.9539	0.9658	0.9235
69.7	0.8562	0.9368	0.9753	0.9816	0.9652	0.9558	0.9706	0.9214
69.8	0.8538	0.9359	0.9679	0.9753	0.9474	0.9386	0.9603	0.8985
69.9	0.8634	0.9278	0.9653	0.9715	0.9520	0.9457	0.9624	0.9160
70.0	0.8684	0.9443	0.9704	0.9763	0.9647	0.9593	0.9722	0.9320
70.1	0.9184	0.9573	0.9826	0.9856	0.9717	0.9682	0.9780	0.9462
70.2	0.9173	0.9471	0.9795	0.9812	0.9658	0.9628	0.9740	0.9290
70.3	0.9369	0.9638	0.9785	0.9778	0.9680	0.9676	0.9762	0.9442
70.4	0.9196	0.9676	0.9768	0.9771	0.9634	0.9601	0.9733	0.9329
70.5	0.9151	0.9561	0.9746	0.9684	0.9667	0.9587	0.9707	0.9371
70.6	0.9125	0.9593	0.9748	0.9713	0.9676	0.9610	0.9713	0.9463
70.7	0.9187	0.9602	0.9740	0.9797	0.9640	0.9616	0.9707	0.9468
70.8	0.9197	0.9535	0.9749	0.9761	0.9598	0.9553	0.9614	0.9396
70.9	0.9214	0.9552	0.9763	0.9761	0.9588	0.9533	0.9652	0.9395
71.0	0.9268	0.9487	0.9756	0.9771	0.9628	0.9585	0.9660	0.9535
71.1	0.9204	0.9562	0.9763	0.9776	0.9629	0.9560	0.9684	0.9485
71.2	0.9127	0.9552	0.9703	0.9743	0.9546	0.9491	0.9610	0.9464
71.3	0.9303	0.9558	0.9700	0.9758	0.9574	0.9536	0.9593	0.9617
71.4	0.9079	0.9398	0.9695	0.9716	0.9430	0.9340	0.9504	0.9404
71.5	0.9402	0.9602	0.9754	0.9744	0.9632	0.9594	0.9715	0.9571
71.6	0.9443	0.9567	0.9743	0.9793	0.9643	0.9594	0.9667	0.9645
71.7	0.9255	0.9509	0.9697	0.9799	0.9588	0.9528	0.9640	0.9534
71.8	0.9400	0.9538	0.9639	0.9741	0.9608	0.9558	0.9614	0.9571
71.9	0.9428	0.9508	0.9647	0.9688	0.9630	0.9593	0.9591	0.9591
72.0	0.9106	0.9503	0.9574	0.9558	0.9590	0.9517	0.9577	0.9414
72.1	0.9484	0.9666	0.9740	0.9691	0.9715	0.9675	0.9653	0.9643
72.2	0.9630	0.9681	0.9806	0.9783	0.9726	0.9720	0.9694	0.9701
72.3	0.9380	0.9555	0.9738	0.9709	0.9626	0.9586	0.9592	0.9584
72.4	0.9387	0.9446	0.9735	0.9741	0.9591	0.9529	0.9541	0.9553
72.5	0.9518	0.9546	0.9765	0.9791	0.9674	0.9634	0.9648	0.9652
72.6	0.9423	0.9544	0.9661	0.9743	0.9622	0.9567	0.9602	0.9565
72.7	0.9071	0.9339	0.9594	0.9688	0.9436	0.9376	0.9363	0.9433
72.8	0.9112	0.9481	0.9568	0.9655	0.9485	0.9454	0.9525	0.9399
72.9	0.9290	0.9604	0.9618	0.9666	0.9630	0.9573	0.9578	0.9570
73.0	0.9468	0.9645	0.9661	0.9729	0.9682	0.9630	0.9577	0.9634
73.1	0.9444	0.9579	0.9673	0.9695	0.9635	0.9595	0.9427	0.9647
73.2	0.9260	0.9379	0.9587	0.9599	0.9574	0.9520	0.9390	0.9576
73.3	0.9361	0.9562	0.9595	0.9691	0.9663	0.9574	0.9572	0.9590
73.4	0.9488	0.9574	0.9602	0.9767	0.9711	0.9637	0.9565	0.9641
73.5	0.9579	0.9573	0.9520	0.9750	0.9697	0.9669	0.9529	0.9687
73.6	0.9613	0.9678	0.9610	0.9776	0.9760	0.9728	0.9619	0.9780
73.7	0.9449	0.9729	0.9461	0.9680	0.9766	0.9702	0.9621	0.9722
73.8	0.9271	0.9546	0.9349	0.9642	0.9614	0.9528	0.9523	0.9565
73.9	0.9210	0.9522	0.9202	0.9588	0.9497	0.9436	0.9362	0.9498
74.0	0.9328	0.9617	0.9309	0.9673	0.9615	0.9584	0.9434	0.9616
74.1	0.9420	0.9591	0.9400	0.9701	0.9691	0.9623	0.9399	0.9692
74.2	0.9571	0.9531	0.9518	0.9714	0.9667	0.9603	0.9387	0.9715
74.3	0.9528	0.9516	0.9443	0.9713	0.9669	0.9591	0.9436	0.9737
74.4	0.9511	0.9669	0.9460	0.9723	0.9746	0.9652	0.9554	0.9710
74.5	0.9413	0.9587	0.9400	0.9643	0.9690	0.9572	0.9480	0.9664
74.6	0.9609	0.9695	0.9522	0.9739	0.9776	0.9695	0.9581	0.9749
74.7	0.9575	0.9683	0.9452	0.9685	0.9734	0.9717	0.9590	0.9741
74.8	0.9603	0.9649	0.9534	0.9650	0.9738	0.9737	0.9576	0.9742
74.9	0.9444	0.9565	0.9347	0.9633	0.9669	0.9562	0.9393	0.9676
75.0	0.9541	0.9673	0.9298	0.9726	0.9691	0.9647	0.9525	0.9722
75.1	0.9502	0.9674	0.9204	0.9679	0.9657	0.9674	0.9544	0.9627
75.2	0.9448	0.9566	0.9118	0.9640	0.9640	0.9638	0.9478	0.9662
75.3	0.9406	0.9471	0.9101	0.9573	0.9553	0.9517	0.9386	0.9623
75.4	0.9460	0.9529	0.9205	0.9648	0.9490	0.9466	0.9316	0.9575
75.5	0.9437	0.9549	0.8708	0.9589	0.9565	0.9554	0.9321	0.9528
75.6	0.9523	0.9581	0.9031	0.9724	0.9649	0.9639	0.9444	0.9641
75.7	0.9543	0.9612	0.9123	0.9667	0.9646	0.9584	0.9417	0.9685
75.8	0.9528	0.9596	0.9283	0.9712	0.9628	0.9576	0.9434	0.9710
75.9	0.9421	0.9514	0.8786	0.9634	0.9569	0.9552	0.9292	0.9590
76.0	0.9433	0.9512	0.8374	0.9465	0.9529	0.9512	0.9217	0.9540
76.1	0.9558	0.9628	0.8719	0.9519	0.9622	0.9618	0.9361	0.9594
76.2	0.9625	0.9616	0.9064	0.9611	0.9508	0.9567	0.9304	0.9623
76.3	0.9626	0.9661	0.8981	0.9455	0.9487	0.9542	0.9425	0.9577
76.4	0.9422	0.9482	0.8766	0.9353	0.9290	0.9369	0.9249	0.9427
76.5	0.9384	0.9463	0.8819	0.9453	0.9332	0.9288	0.9129	0.9390
76.6	0.9394	0.9353	0.9055	0.9480	0.9283	0.9283	0.9223	0.9366
76.7	0.9384	0.9265	0.9162	0.9439	0.9340	0.9498	0.9123	0.9493

76.8	0.9520	0.9458	0.9165	0.9402	0.9393	0.9526	0.9102	0.9556
76.9	0.9502	0.9374	0.9233	0.9384	0.9359	0.9511	0.9044	0.9497
77.0	0.9555	0.9498	0.9247	0.9427	0.9521	0.9596	0.9196	0.9581
77.1	0.9569	0.9473	0.9118	0.9396	0.9526	0.9530	0.9291	0.9561
77.2	0.9575	0.9428	0.9232	0.9443	0.9447	0.9479	0.9208	0.9543
77.3	0.9520	0.9449	0.9429	0.9477	0.9435	0.9528	0.9264	0.9598
77.4	0.9593	0.9543	0.9395	0.9404	0.9539	0.9617	0.9192	0.9639
77.5	0.9492	0.9347	0.9240	0.9283	0.9410	0.9433	0.8751	0.9471
77.6	0.9388	0.9255	0.9311	0.9427	0.9377	0.9482	0.8980	0.9500
77.7	0.9440	0.9247	0.9386	0.9444	0.9427	0.9555	0.9043	0.9575
77.8	0.9463	0.9409	0.9411	0.9425	0.9511	0.9544	0.8873	0.9600
77.9	0.9475	0.9404	0.9375	0.9438	0.9460	0.9495	0.8950	0.9627
78.0	0.9381	0.9226	0.9120	0.9287	0.9256	0.9464	0.8891	0.9494
78.1	0.9467	0.9454	0.9306	0.9490	0.9387	0.9501	0.8873	0.9524
78.2	0.9647	0.9629	0.9413	0.9487	0.9595	0.9599	0.9068	0.9680
78.3	0.9525	0.9372	0.9435	0.9412	0.9443	0.9486	0.8899	0.9613
78.4	0.9394	0.9243	0.9437	0.9569	0.9498	0.9515	0.8838	0.9620
78.5	0.9342	0.9242	0.9319	0.9477	0.9512	0.9441	0.8693	0.9605
78.6	0.9511	0.9380	0.9259	0.9511	0.9501	0.9450	0.8646	0.9680
78.7	0.9534	0.9359	0.9333	0.9520	0.9478	0.9491	0.8729	0.9710
78.8	0.9597	0.9481	0.9532	0.9544	0.9603	0.9600	0.9003	0.9746
78.9	0.9537	0.9493	0.9579	0.9512	0.9517	0.9515	0.8752	0.9688
79.0	0.9510	0.9414	0.9492	0.9383	0.9415	0.9413	0.8660	0.9651
79.1	0.9498	0.9186	0.9520	0.9340	0.9379	0.9385	0.8814	0.9624
79.2	0.9563	0.9327	0.9622	0.9555	0.9580	0.9585	0.9151	0.9696
79.3	0.9497	0.9319	0.9489	0.9547	0.9567	0.9577	0.9023	0.9628
79.4	0.9375	0.9099	0.9367	0.9485	0.9386	0.9391	0.8808	0.9566
79.5	0.9558	0.9345	0.9531	0.9490	0.9492	0.9444	0.9011	0.9650
79.6	0.9677	0.9534	0.9533	0.9584	0.9596	0.9575	0.9300	0.9701
79.7	0.9616	0.9417	0.9526	0.9443	0.9561	0.9516	0.8893	0.9658
79.8	0.9587	0.9300	0.9549	0.9450	0.9546	0.9512	0.8735	0.9673
79.9	0.9485	0.9358	0.9428	0.9436	0.9514	0.9555	0.8831	0.9640
80.0	0.9519	0.9419	0.9593	0.9511	0.9609	0.9603	0.8975	0.9739

1.2.14 Run 4 – IP050 – SF and shaft bending gauges

In-plane shaking at 50°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.4212	0.9644	0.9689	0.9601	0.1190	0.9722	0.9011	0.3367
0.1	0.0329	0.6844	0.7203	0.6403	0.3011	0.8829	0.7074	0.0587
0.2	0.9567	0.9060	0.9429	0.9361	0.9868	0.9830	0.9756	0.9566
0.3	0.9076	0.4792	0.7352	0.7910	0.9597	0.8778	0.9389	0.7226
0.4	0.7179	0.3026	0.4319	0.4883	0.7045	0.6137	0.7064	0.4681
0.5	0.9692	0.9414	0.9558	0.9575	0.8801	0.9748	0.8597	0.9591
0.6	0.9958	0.9905	0.9913	0.9931	0.9829	0.9956	0.9760	0.9922
0.7	0.9984	0.9975	0.9976	0.9984	0.9952	0.9985	0.9925	0.9966
0.8	0.9988	0.9896	0.9955	0.9943	0.9834	0.9924	0.9834	0.9817
0.9	0.9979	0.9583	0.9830	0.9747	0.9731	0.9097	0.8795	0.7255
1.0	0.9981	0.9713	0.9895	0.9831	0.9394	0.8525	0.5545	0.3194
1.1	0.9951	0.9915	0.9948	0.9911	0.8593	0.8488	0.6037	0.5542
1.2	0.9946	0.9969	0.9968	0.9981	0.9942	0.9967	0.9868	0.9898
1.3	0.9945	0.9979	0.9978	0.9986	0.9989	0.9995	0.9975	0.9986
1.4	0.9925	0.9915	0.9973	0.9974	0.9991	0.9997	0.9988	0.9993
1.5	0.9879	0.9847	0.9962	0.9963	0.9985	0.9995	0.9988	0.9992
1.6	0.9919	0.9895	0.9953	0.9954	0.9994	0.9998	0.9994	0.9996
1.7	0.9847	0.9835	0.9890	0.9894	0.9996	0.9997	0.9996	0.9995
1.8	0.9736	0.9756	0.9813	0.9820	0.9997	0.9995	0.9997	0.9992
1.9	0.9302	0.9385	0.9494	0.9514	0.9997	0.9987	0.9997	0.9980
2.0	0.9074	0.9171	0.9327	0.9340	0.9996	0.9985	0.9996	0.9977
2.1	0.8772	0.8960	0.9214	0.9213	0.9986	0.9990	0.9989	0.9984
2.2	0.8624	0.9022	0.9276	0.9271	0.9940	0.9993	0.9954	0.9987
2.3	0.6810	0.8082	0.8539	0.8552	0.9327	0.9979	0.9438	0.9976
2.4	0.8087	0.9108	0.9280	0.9349	0.9547	0.9989	0.9652	0.9988
2.5	0.9313	0.9728	0.9779	0.9799	0.9973	0.9997	0.9976	0.9996
2.6	0.9792	0.9919	0.9932	0.9938	0.9997	0.9999	0.9996	0.9998
2.7	0.9884	0.9953	0.9961	0.9965	0.9998	0.9999	0.9997	0.9998
2.8	0.9869	0.9952	0.9958	0.9963	0.9995	0.9998	0.9994	0.9996
2.9	0.9932	0.9973	0.9978	0.9978	0.9997	0.9999	0.9997	0.9998
3.0	0.9961	0.9984	0.9987	0.9987	0.9999	0.9999	0.9999	0.9999
3.1	0.9969	0.9987	0.9989	0.9990	0.9999	1.0000	0.9999	0.9999
3.2	0.9977	0.9991	0.9992	0.9992	0.9998	1.0000	0.9997	0.9999
3.3	0.9978	0.9991	0.9992	0.9993	0.9999	1.0000	0.9999	1.0000
3.4	0.9981	0.9991	0.9993	0.9994	1.0000	1.0000	0.9999	0.9999
3.5	0.9987	0.9995	0.9995	0.9996	1.0000	1.0000	0.9999	0.9999
3.6	0.9984	0.9994	0.9994	0.9995	1.0000	1.0000	0.9999	0.9999
3.7	0.9987	0.9995	0.9995	0.9996	1.0000	1.0000	0.9999	1.0000
3.8	0.9987	0.9995	0.9995	0.9995	1.0000	1.0000	1.0000	1.0000
3.9	0.9990	0.9996	0.9996	0.9997	1.0000	1.0000	0.9999	1.0000
4.0	0.9992	0.9997	0.9997	0.9997	1.0000	1.0000	0.9999	1.0000
4.1	0.9993	0.9997	0.9997	0.9998	1.0000	1.0000	1.0000	1.0000
4.2	0.9993	0.9998	0.9997	0.9998	1.0000	1.0000	0.9999	1.0000
4.3	0.9993	0.9997	0.9997	0.9998	1.0000	1.0000	0.9999	1.0000
4.4	0.9997	0.9998	0.9998	0.9999	1.0000	1.0000	0.9999	1.0000
4.5	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
4.6	0.9997	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	1.0000
4.7	0.9997	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	1.0000
4.8	0.9998	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	1.0000
4.9	0.9997	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
5.0	0.9997	0.9998	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
5.1	0.9998	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
5.2	0.9997	0.9998	0.9998	0.9999	0.9999	1.0000	0.9998	0.9999
5.3	0.9998	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
5.4	0.9998	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	1.0000
5.5	0.9997	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
5.6	0.9996	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
5.7	0.9995	0.9998	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
5.8	0.9996	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
5.9	0.9996	0.9998	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
6.0	0.9995	0.9997	0.9997	0.9998	0.9998	1.0000	0.9998	0.9999
6.1	0.9996	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
6.2	0.9997	0.9998	0.9998	0.9998	0.9998	1.0000	0.9998	0.9999
6.3	0.9997	0.9997	0.9998	0.9998	0.9997	1.0000	0.9997	0.9999
6.4	0.9997	0.9998	0.9998	0.9998	0.9997	1.0000	0.9997	0.9999
6.5	0.9996	0.9997	0.9998	0.9998	0.9997	0.9999	0.9997	0.9999
6.6	0.9996	0.9998	0.9998	0.9998	0.9998	0.9999	0.9997	0.9999
6.7	0.9996	0.9998	0.9997	0.9998	0.9997	0.9999	0.9996	0.9999
6.8	0.9997	0.9998	0.9997	0.9998	0.9996	1.0000	0.9996	0.9999
6.9	0.9996	0.9996	0.9997	0.9997	0.9994	0.9999	0.9994	0.9999
7.0	0.9996	0.9997	0.9994	0.9994	0.9990	0.9999	0.9990	0.9999
7.1	0.9995	0.9996	0.9980	0.9978	0.9976	0.9999	0.9978	0.9997
7.2	0.9995	0.9997	0.9980	0.9986	0.9977	0.9999	0.9978	0.9998
7.3	0.9996	0.9997	0.9994	0.9994	0.9994	0.9999	0.9994	0.9998
7.4	0.9995	0.9997	0.9992	0.9990	0.9985	0.9999	0.9986	0.9998
7.5	0.9997	0.9998	0.9995	0.9996	0.9989	0.9999	0.9988	0.9998
7.6	0.9996	0.9997	0.9997	0.9998	0.9992	0.9999	0.9991	0.9998
7.7	0.9995	0.9995	0.9995	0.9997	0.9990	0.9998	0.9988	0.9996
7.8	0.9997	0.9997	0.9998	0.9998	0.9994	0.9999	0.9992	0.9997
7.9	0.9997	0.9997	0.9998	0.9998	0.9995	0.9998	0.9993	0.9996

8.0	0.9996	0.9997	0.9997	0.9998	0.9993	0.9998	0.9991	0.9995
8.1	0.9996	0.9997	0.9998	0.9998	0.9994	0.9998	0.9992	0.9996
8.2	0.9995	0.9996	0.9997	0.9997	0.9991	0.9996	0.9988	0.9993
8.3	0.9996	0.9997	0.9997	0.9998	0.9994	0.9997	0.9990	0.9995
8.4	0.9995	0.9996	0.9996	0.9997	0.9991	0.9996	0.9986	0.9992
8.5	0.9992	0.9994	0.9995	0.9995	0.9983	0.9992	0.9973	0.9982
8.6	0.9994	0.9994	0.9996	0.9996	0.9986	0.9991	0.9974	0.9976
8.7	0.9996	0.9995	0.9997	0.9998	0.9993	0.9996	0.9989	0.9988
8.8	0.9995	0.9996	0.9997	0.9997	0.9992	0.9996	0.9991	0.9991
8.9	0.9994	0.9995	0.9995	0.9997	0.9989	0.9997	0.9988	0.9994
9.0	0.9991	0.9993	0.9993	0.9995	0.9979	0.9997	0.9982	0.9993
9.1	0.9992	0.9993	0.9995	0.9994	0.9969	0.9996	0.9971	0.9994
9.2	0.9988	0.9990	0.9988	0.9988	0.9893	0.9994	0.9901	0.9992
9.3	0.9987	0.9986	0.9982	0.9990	0.9847	0.9997	0.9868	0.9993
9.4	0.9993	0.9990	0.9989	0.9994	0.9857	0.9998	0.9877	0.9996
9.5	0.9994	0.9992	0.9993	0.9996	0.9895	0.9998	0.9912	0.9997
9.6	0.9995	0.9992	0.9994	0.9996	0.9925	0.9997	0.9938	0.9997
9.7	0.9996	0.9993	0.9996	0.9996	0.9965	0.9997	0.9968	0.9996
9.8	0.9995	0.9989	0.9994	0.9995	0.9981	0.9997	0.9979	0.9996
9.9	0.9994	0.9991	0.9996	0.9995	0.9982	0.9997	0.9984	0.9997
10.0	0.9993	0.9990	0.9995	0.9995	0.9984	0.9997	0.9984	0.9996
10.1	0.9993	0.9989	0.9995	0.9994	0.9986	0.9996	0.9985	0.9995
10.2	0.9994	0.9990	0.9995	0.9995	0.9988	0.9997	0.9987	0.9996
10.3	0.9993	0.9987	0.9994	0.9994	0.9986	0.9995	0.9984	0.9994
10.4	0.9994	0.9986	0.9994	0.9994	0.9989	0.9996	0.9988	0.9994
10.5	0.9992	0.9985	0.9994	0.9993	0.9987	0.9996	0.9987	0.9995
10.6	0.9992	0.9984	0.9992	0.9991	0.9985	0.9994	0.9984	0.9993
10.7	0.9992	0.9988	0.9994	0.9993	0.9987	0.9996	0.9985	0.9994
10.8	0.9990	0.9984	0.9992	0.9991	0.9985	0.9993	0.9983	0.9991
10.9	0.9991	0.9982	0.9991	0.9991	0.9985	0.9991	0.9980	0.9988
11.0	0.9989	0.9978	0.9990	0.9990	0.9979	0.9993	0.9978	0.9990
11.1	0.9991	0.9980	0.9991	0.9991	0.9980	0.9994	0.9982	0.9992
11.2	0.9991	0.9977	0.9990	0.9990	0.9980	0.9993	0.9982	0.9992
11.3	0.9990	0.9983	0.9991	0.9991	0.9974	0.9992	0.9975	0.9990
11.4	0.9991	0.9985	0.9993	0.9992	0.9976	0.9992	0.9976	0.9990
11.5	0.9988	0.9983	0.9990	0.9990	0.9979	0.9990	0.9978	0.9988
11.6	0.9991	0.9982	0.9991	0.9990	0.9977	0.9991	0.9975	0.9989
11.7	0.9990	0.9982	0.9991	0.9990	0.9975	0.9991	0.9973	0.9989
11.8	0.9990	0.9982	0.9990	0.9990	0.9977	0.9991	0.9976	0.9990
11.9	0.9990	0.9984	0.9990	0.9991	0.9976	0.9991	0.9975	0.9990
12.0	0.9989	0.9987	0.9991	0.9990	0.9982	0.9991	0.9981	0.9989
12.1	0.9988	0.9982	0.9987	0.9987	0.9978	0.9988	0.9978	0.9986
12.2	0.9986	0.9983	0.9986	0.9987	0.9977	0.9988	0.9977	0.9986
12.3	0.9986	0.9983	0.9987	0.9987	0.9972	0.9987	0.9973	0.9985
12.4	0.9984	0.9981	0.9985	0.9984	0.9968	0.9985	0.9970	0.9983
12.5	0.9982	0.9981	0.9985	0.9983	0.9965	0.9984	0.9965	0.9982
12.6	0.9988	0.9987	0.9989	0.9989	0.9973	0.9987	0.9971	0.9985
12.7	0.9989	0.9987	0.9990	0.9989	0.9964	0.9985	0.9962	0.9981
12.8	0.9984	0.9981	0.9986	0.9983	0.9949	0.9978	0.9950	0.9975
12.9	0.9977	0.9977	0.9980	0.9978	0.9929	0.9971	0.9934	0.9970
13.0	0.9981	0.9978	0.9982	0.9980	0.9942	0.9976	0.9944	0.9974
13.1	0.9979	0.9981	0.9982	0.9981	0.9948	0.9977	0.9949	0.9975
13.2	0.9974	0.9976	0.9977	0.9976	0.9942	0.9973	0.9944	0.9971
13.3	0.9972	0.9972	0.9974	0.9973	0.9945	0.9972	0.9945	0.9971
13.4	0.9973	0.9972	0.9974	0.9973	0.9949	0.9972	0.9949	0.9971
13.5	0.9972	0.9971	0.9973	0.9972	0.9948	0.9972	0.9949	0.9970
13.6	0.9959	0.9951	0.9958	0.9956	0.9914	0.9955	0.9914	0.9954
13.7	0.9962	0.9958	0.9963	0.9961	0.9918	0.9959	0.9922	0.9959
13.8	0.9965	0.9965	0.9967	0.9966	0.9928	0.9966	0.9932	0.9966
13.9	0.9945	0.9945	0.9949	0.9946	0.9899	0.9947	0.9905	0.9946
14.0	0.9934	0.9930	0.9938	0.9932	0.9866	0.9932	0.9872	0.9930
14.1	0.9933	0.9936	0.9939	0.9936	0.9869	0.9933	0.9874	0.9932
14.2	0.9935	0.9935	0.9937	0.9936	0.9887	0.9936	0.9892	0.9934
14.3	0.9930	0.9929	0.9933	0.9931	0.9873	0.9928	0.9877	0.9925
14.4	0.9901	0.9903	0.9906	0.9903	0.9833	0.9906	0.9845	0.9904
14.5	0.9866	0.9864	0.9869	0.9865	0.9778	0.9872	0.9795	0.9871
14.6	0.9846	0.9840	0.9849	0.9841	0.9762	0.9850	0.9767	0.9848
14.7	0.9867	0.9858	0.9867	0.9861	0.9747	0.9863	0.9763	0.9863
14.8	0.9868	0.9868	0.9870	0.9867	0.9705	0.9857	0.9726	0.9859
14.9	0.9888	0.9896	0.9893	0.9893	0.9759	0.9885	0.9779	0.9887
15.0	0.9822	0.9836	0.9829	0.9833	0.9706	0.9822	0.9722	0.9824
15.1	0.9698	0.9684	0.9691	0.9695	0.9570	0.9695	0.9584	0.9693
15.2	0.9663	0.9668	0.9672	0.9669	0.9517	0.9677	0.9549	0.9675
15.3	0.9617	0.9623	0.9624	0.9621	0.9488	0.9627	0.9520	0.9622
15.4	0.9273	0.9271	0.9279	0.9274	0.9066	0.9276	0.9113	0.9271
15.5	0.9312	0.9298	0.9309	0.9306	0.9195	0.9313	0.9239	0.9306
15.6	0.9276	0.9275	0.9279	0.9276	0.9269	0.9297	0.9311	0.9282
15.7	0.8832	0.8822	0.8835	0.8830	0.8999	0.8864	0.9036	0.8836
15.8	0.9046	0.9044	0.9044	0.9046	0.8955	0.9062	0.9108	0.9047
15.9	0.9553	0.9551	0.9550	0.9551	0.9274	0.9557	0.9415	0.9550
16.0	0.9649	0.9645	0.9651	0.9649	0.9480	0.9672	0.9632	0.9645
16.1	0.9714	0.9710	0.9711	0.9712	0.9531	0.9722	0.9597	0.9709
16.2	0.9733	0.9721	0.9729	0.9728	0.9420	0.9752	0.9486	0.9726
16.3	0.9734	0.9724	0.9734	0.9732	0.9349	0.9784	0.9425	0.9733
16.4	0.9695	0.9687	0.9694	0.9694	0.9357	0.9750	0.9428	0.9686
16.5	0.9678	0.9662	0.9676	0.9672	0.9116	0.9733	0.9205	0.9655

16.6	0.9647	0.9628	0.9644	0.9635	0.9151	0.9708	0.9242	0.9617
16.7	0.9680	0.9654	0.9681	0.9665	0.9092	0.9736	0.9193	0.9654
16.8	0.9759	0.9736	0.9758	0.9744	0.9150	0.9779	0.9250	0.9713
16.9	0.9789	0.9778	0.9789	0.9779	0.9243	0.9819	0.9338	0.9750
17.0	0.9847	0.9843	0.9846	0.9843	0.9339	0.9848	0.9425	0.9819
17.1	0.9888	0.9882	0.9884	0.9879	0.9595	0.9867	0.9652	0.9846
17.2	0.9867	0.9861	0.9864	0.9857	0.9483	0.9854	0.9557	0.9831
17.3	0.9916	0.9913	0.9916	0.9913	0.9478	0.9916	0.9557	0.9909
17.4	0.9959	0.9956	0.9958	0.9956	0.9637	0.9952	0.9693	0.9961
17.5	0.9962	0.9962	0.9964	0.9960	0.9647	0.9953	0.9703	0.9963
17.6	0.9962	0.9964	0.9963	0.9961	0.9654	0.9952	0.9710	0.9967
17.7	0.9977	0.9976	0.9977	0.9975	0.9768	0.9966	0.9805	0.9979
17.8	0.9972	0.9970	0.9970	0.9972	0.9733	0.9958	0.9777	0.9979
17.9	0.9973	0.9972	0.9971	0.9973	0.9706	0.9958	0.9759	0.9978
18.0	0.9971	0.9970	0.9968	0.9971	0.9761	0.9954	0.9804	0.9974
18.1	0.9972	0.9971	0.9968	0.9971	0.9820	0.9959	0.9852	0.9976
18.2	0.9970	0.9970	0.9968	0.9971	0.9822	0.9960	0.9854	0.9978
18.3	0.9967	0.9967	0.9966	0.9968	0.9820	0.9959	0.9853	0.9976
18.4	0.9966	0.9964	0.9962	0.9966	0.9826	0.9953	0.9856	0.9971
18.5	0.9978	0.9976	0.9974	0.9978	0.9867	0.9965	0.9893	0.9976
18.6	0.9980	0.9979	0.9979	0.9981	0.9891	0.9977	0.9917	0.9984
18.7	0.9978	0.9977	0.9979	0.9977	0.9898	0.9977	0.9924	0.9982
18.8	0.9979	0.9978	0.9978	0.9979	0.9916	0.9977	0.9937	0.9983
18.9	0.9974	0.9973	0.9973	0.9974	0.9904	0.9974	0.9927	0.9982
19.0	0.9979	0.9978	0.9979	0.9979	0.9921	0.9976	0.9940	0.9983
19.1	0.9986	0.9986	0.9986	0.9986	0.9944	0.9983	0.9958	0.9988
19.2	0.9980	0.9979	0.9980	0.9980	0.9920	0.9978	0.9940	0.9985
19.3	0.9977	0.9978	0.9977	0.9978	0.9915	0.9977	0.9936	0.9985
19.4	0.9979	0.9979	0.9978	0.9979	0.9924	0.9976	0.9943	0.9984
19.5	0.9978	0.9977	0.9977	0.9978	0.9919	0.9973	0.9939	0.9982
19.6	0.9983	0.9981	0.9981	0.9983	0.9945	0.9984	0.9959	0.9990
19.7	0.9979	0.9978	0.9978	0.9980	0.9932	0.9980	0.9950	0.9988
19.8	0.9980	0.9978	0.9978	0.9979	0.9936	0.9979	0.9952	0.9986
19.9	0.9981	0.9979	0.9980	0.9981	0.9935	0.9981	0.9953	0.9988
20.0	0.9985	0.9982	0.9983	0.9984	0.9952	0.9983	0.9964	0.9989
20.1	0.9985	0.9982	0.9983	0.9985	0.9957	0.9987	0.9968	0.9991
20.2	0.9980	0.9976	0.9978	0.9980	0.9944	0.9982	0.9959	0.9988
20.3	0.9977	0.9973	0.9975	0.9977	0.9935	0.9978	0.9951	0.9986
20.4	0.9976	0.9970	0.9975	0.9977	0.9952	0.9982	0.9964	0.9988
20.5	0.9974	0.9968	0.9973	0.9975	0.9954	0.9983	0.9965	0.9987
20.6	0.9966	0.9957	0.9963	0.9967	0.9936	0.9977	0.9953	0.9985
20.7	0.9974	0.9966	0.9972	0.9974	0.9949	0.9982	0.9960	0.9987
20.8	0.9976	0.9970	0.9975	0.9977	0.9956	0.9987	0.9966	0.9991
20.9	0.9959	0.9948	0.9958	0.9963	0.9950	0.9984	0.9961	0.9988
21.0	0.9960	0.9951	0.9961	0.9963	0.9948	0.9980	0.9961	0.9986
21.1	0.9946	0.9924	0.9943	0.9948	0.9936	0.9975	0.9951	0.9981
21.2	0.9943	0.9920	0.9944	0.9945	0.9941	0.9973	0.9956	0.9980
21.3	0.9948	0.9917	0.9948	0.9948	0.9953	0.9979	0.9964	0.9984
21.4	0.9953	0.9932	0.9953	0.9956	0.9948	0.9979	0.9961	0.9985
21.5	0.9945	0.9926	0.9944	0.9951	0.9942	0.9978	0.9956	0.9986
21.6	0.9941	0.9920	0.9942	0.9949	0.9945	0.9980	0.9957	0.9986
21.7	0.9952	0.9937	0.9954	0.9960	0.9954	0.9982	0.9966	0.9987
21.8	0.9933	0.9913	0.9940	0.9945	0.9956	0.9982	0.9968	0.9984
21.9	0.9881	0.9853	0.9895	0.9903	0.9928	0.9967	0.9946	0.9974
22.0	0.9877	0.9845	0.9889	0.9897	0.9938	0.9971	0.9954	0.9977
22.1	0.9886	0.9862	0.9895	0.9902	0.9936	0.9973	0.9955	0.9979
22.2	0.9905	0.9887	0.9915	0.9920	0.9937	0.9974	0.9956	0.9981
22.3	0.9887	0.9863	0.9904	0.9909	0.9945	0.9973	0.9959	0.9978
22.4	0.9839	0.9821	0.9864	0.9874	0.9931	0.9964	0.9951	0.9971
22.5	0.9865	0.9853	0.9884	0.9894	0.9945	0.9976	0.9961	0.9979
22.6	0.9781	0.9777	0.9819	0.9825	0.9930	0.9970	0.9951	0.9975
22.7	0.9678	0.9688	0.9737	0.9746	0.9915	0.9962	0.9939	0.9967
22.8	0.9739	0.9751	0.9789	0.9801	0.9924	0.9961	0.9942	0.9968
22.9	0.9598	0.9629	0.9667	0.9700	0.9899	0.9948	0.9928	0.9960
23.0	0.9664	0.9710	0.9743	0.9759	0.9906	0.9952	0.9930	0.9964
23.1	0.9543	0.9617	0.9672	0.9690	0.9916	0.9959	0.9938	0.9969
23.2	0.9529	0.9616	0.9685	0.9702	0.9942	0.9972	0.9959	0.9979
23.3	0.9321	0.9392	0.9556	0.9611	0.9939	0.9967	0.9962	0.9977
23.4	0.9255	0.9333	0.9560	0.9638	0.9930	0.9957	0.9951	0.9970
23.5	0.9337	0.9432	0.9677	0.9713	0.9914	0.9961	0.9942	0.9971
23.6	0.9400	0.9527	0.9718	0.9772	0.9869	0.9948	0.9915	0.9964
23.7	0.9442	0.9572	0.9732	0.9773	0.9907	0.9958	0.9938	0.9972
23.8	0.9597	0.9706	0.9811	0.9834	0.9917	0.9958	0.9943	0.9970
23.9	0.9616	0.9735	0.9812	0.9844	0.9918	0.9963	0.9945	0.9975
24.0	0.9684	0.9774	0.9835	0.9855	0.9922	0.9968	0.9951	0.9979
24.1	0.9697	0.9747	0.9819	0.9843	0.9897	0.9952	0.9931	0.9970
24.2	0.9723	0.9761	0.9805	0.9836	0.9850	0.9939	0.9906	0.9965
24.3	0.9701	0.9818	0.9800	0.9842	0.9863	0.9944	0.9914	0.9967
24.4	0.9736	0.9821	0.9814	0.9861	0.9863	0.9941	0.9913	0.9965
24.5	0.9748	0.9810	0.9811	0.9850	0.9847	0.9934	0.9900	0.9962
24.6	0.9750	0.9802	0.9791	0.9841	0.9871	0.9945	0.9915	0.9969
24.7	0.9763	0.9814	0.9797	0.9849	0.9845	0.9933	0.9904	0.9965
24.8	0.9823	0.9854	0.9861	0.9878	0.9893	0.9953	0.9928	0.9974
24.9	0.9845	0.9865	0.9869	0.9878	0.9896	0.9953	0.9932	0.9973
25.0	0.9883	0.9865	0.9879	0.9899	0.9902	0.9958	0.9943	0.9977
25.1	0.9827	0.9820	0.9832	0.9866	0.9866	0.9944	0.9925	0.9971

25.2	0.9762	0.9770	0.9785	0.9815	0.9844	0.9950	0.9919	0.9975
25.3	0.9752	0.9787	0.9786	0.9808	0.9863	0.9950	0.9920	0.9973
25.4	0.9760	0.9808	0.9807	0.9820	0.9867	0.9952	0.9922	0.9971
25.5	0.9718	0.9780	0.9776	0.9800	0.9856	0.9945	0.9914	0.9965
25.6	0.9750	0.9806	0.9791	0.9827	0.9879	0.9952	0.9927	0.9974
25.7	0.9667	0.9699	0.9682	0.9745	0.9803	0.9924	0.9883	0.9961
25.8	0.9681	0.9739	0.9722	0.9761	0.9844	0.9933	0.9908	0.9963
25.9	0.9785	0.9782	0.9798	0.9806	0.9861	0.9950	0.9920	0.9974
26.0	0.9808	0.9823	0.9814	0.9839	0.9911	0.9965	0.9945	0.9979
26.1	0.9750	0.9776	0.9762	0.9800	0.9872	0.9944	0.9925	0.9970
26.2	0.9519	0.9580	0.9561	0.9619	0.9822	0.9923	0.9900	0.9960
26.3	0.9453	0.9466	0.9476	0.9523	0.9780	0.9917	0.9890	0.9956
26.4	0.9561	0.9620	0.9609	0.9647	0.9828	0.9935	0.9914	0.9962
26.5	0.9590	0.9651	0.9608	0.9674	0.9818	0.9939	0.9907	0.9966
26.6	0.9624	0.9693	0.9665	0.9712	0.9835	0.9940	0.9914	0.9968
26.7	0.9520	0.9586	0.9575	0.9629	0.9807	0.9918	0.9901	0.9958
26.8	0.9412	0.9481	0.9442	0.9522	0.9745	0.9906	0.9873	0.9954
26.9	0.9366	0.9412	0.9371	0.9490	0.9747	0.9909	0.9877	0.9956
27.0	0.9212	0.9252	0.9262	0.9349	0.9707	0.9888	0.9863	0.9939
27.1	0.9223	0.9312	0.9278	0.9355	0.9723	0.9888	0.9865	0.9939
27.2	0.9261	0.9310	0.9263	0.9354	0.9755	0.9884	0.9876	0.9934
27.3	0.9293	0.9331	0.9297	0.9398	0.9726	0.9878	0.9865	0.9932
27.4	0.9351	0.9436	0.9406	0.9462	0.9804	0.9891	0.9902	0.9939
27.5	0.9111	0.9190	0.9137	0.9244	0.9760	0.9850	0.9878	0.9914
27.6	0.8857	0.8975	0.8924	0.9011	0.9710	0.9823	0.9855	0.9903
27.7	0.9041	0.9084	0.9020	0.9146	0.9770	0.9854	0.9880	0.9917
27.8	0.9043	0.9062	0.9003	0.9079	0.9803	0.9845	0.9893	0.9910
27.9	0.9038	0.8993	0.8957	0.8965	0.9750	0.9806	0.9862	0.9895
28.0	0.8731	0.8755	0.8609	0.8692	0.9710	0.9794	0.9855	0.9892
28.1	0.9169	0.9221	0.9143	0.9141	0.9805	0.9872	0.9903	0.9934
28.2	0.8991	0.9000	0.8945	0.8869	0.9765	0.9836	0.9884	0.9918
28.3	0.8834	0.8787	0.8719	0.8566	0.9673	0.9781	0.9846	0.9891
28.4	0.8957	0.8962	0.8877	0.8779	0.9732	0.9843	0.9885	0.9924
28.5	0.8729	0.8407	0.8445	0.8237	0.9687	0.9796	0.9862	0.9903
28.6	0.8980	0.8781	0.8812	0.8460	0.9716	0.9825	0.9877	0.9917
28.7	0.8888	0.8747	0.8805	0.8130	0.9773	0.9844	0.9902	0.9931
28.8	0.8873	0.8235	0.8569	0.7404	0.9730	0.9811	0.9879	0.9920
28.9	0.9038	0.8593	0.8922	0.7778	0.9650	0.9801	0.9850	0.9915
29.0	0.8941	0.8689	0.8695	0.7656	0.9715	0.9847	0.9885	0.9935
29.1	0.8871	0.8088	0.8553	0.7270	0.9723	0.9842	0.9890	0.9936
29.2	0.8826	0.8259	0.8681	0.6913	0.9688	0.9818	0.9878	0.9926
29.3	0.8969	0.8576	0.8787	0.6971	0.9681	0.9843	0.9885	0.9937
29.4	0.8842	0.7984	0.8220	0.6202	0.9638	0.9818	0.9866	0.9930
29.5	0.9191	0.8268	0.8816	0.6940	0.9698	0.9848	0.9885	0.9939
29.6	0.9119	0.8040	0.8563	0.6229	0.9695	0.9835	0.9878	0.9938
29.7	0.8911	0.7664	0.8235	0.6023	0.9572	0.9768	0.9824	0.9914
29.8	0.9211	0.8298	0.8663	0.6950	0.9747	0.9873	0.9902	0.9952
29.9	0.9019	0.8246	0.8672	0.7039	0.9655	0.9817	0.9859	0.9931
30.0	0.9121	0.8533	0.8869	0.7421	0.9622	0.9801	0.9841	0.9924
30.1	0.9042	0.8563	0.8714	0.7387	0.9663	0.9829	0.9865	0.9932
30.2	0.9081	0.8485	0.8940	0.7517	0.9665	0.9839	0.9866	0.9938
30.3	0.8865	0.7852	0.8485	0.6987	0.9625	0.9831	0.9862	0.9945
30.4	0.8566	0.7977	0.8448	0.7007	0.9611	0.9848	0.9868	0.9945
30.5	0.8796	0.8580	0.8983	0.7578	0.9571	0.9837	0.9859	0.9936
30.6	0.8744	0.8558	0.8966	0.7582	0.9590	0.9818	0.9836	0.9926
30.7	0.8820	0.8517	0.8900	0.7821	0.9433	0.9805	0.9808	0.9924
30.8	0.9056	0.8939	0.9216	0.8488	0.9506	0.9824	0.9847	0.9936
30.9	0.8440	0.8468	0.8830	0.7812	0.9532	0.9801	0.9841	0.9934
31.0	0.8338	0.8425	0.8679	0.7615	0.9660	0.9871	0.9889	0.9953
31.1	0.8866	0.8663	0.9001	0.8201	0.9673	0.9876	0.9901	0.9952
31.2	0.9116	0.8765	0.9236	0.8637	0.9661	0.9842	0.9887	0.9941
31.3	0.8809	0.8722	0.9073	0.8395	0.9637	0.9792	0.9877	0.9922
31.4	0.8742	0.8746	0.9059	0.8382	0.9584	0.9754	0.9837	0.9907
31.5	0.8937	0.9081	0.9295	0.8783	0.9487	0.9783	0.9842	0.9924
31.6	0.8910	0.9272	0.9357	0.8917	0.9584	0.9818	0.9879	0.9938
31.7	0.8994	0.9244	0.9346	0.9039	0.9493	0.9740	0.9841	0.9919
31.8	0.9284	0.9507	0.9556	0.9319	0.9653	0.9856	0.9905	0.9955
31.9	0.8960	0.9271	0.9329	0.8991	0.9577	0.9783	0.9866	0.9927
32.0	0.8712	0.9150	0.9233	0.8858	0.9325	0.9632	0.9790	0.9877
32.1	0.9055	0.9321	0.9442	0.9128	0.9217	0.9681	0.9819	0.9900
32.2	0.9233	0.9531	0.9591	0.9322	0.9351	0.9653	0.9819	0.9903
32.3	0.9281	0.9568	0.9611	0.9380	0.9561	0.9710	0.9882	0.9914
32.4	0.9257	0.9498	0.9560	0.9337	0.9491	0.9689	0.9857	0.9904
32.5	0.9462	0.9672	0.9711	0.9569	0.9548	0.9655	0.9858	0.9898
32.6	0.9448	0.9664	0.9686	0.9540	0.9556	0.9683	0.9872	0.9915
32.7	0.9599	0.9715	0.9773	0.9680	0.9586	0.9711	0.9891	0.9925
32.8	0.9569	0.9695	0.9770	0.9665	0.9517	0.9608	0.9856	0.9881
32.9	0.9389	0.9596	0.9658	0.9504	0.9195	0.9321	0.9785	0.9825
33.0	0.9490	0.9726	0.9742	0.9633	0.9438	0.9355	0.9857	0.9853
33.1	0.9597	0.9769	0.9796	0.9737	0.9423	0.9392	0.9860	0.9864
33.2	0.9742	0.9797	0.9873	0.9778	0.9502	0.9277	0.9875	0.9870
33.3	0.9801	0.9857	0.9903	0.9852	0.9540	0.9259	0.9871	0.9871
33.4	0.9733	0.9786	0.9836	0.9753	0.9317	0.8658	0.9807	0.9792
33.5	0.9616	0.9803	0.9836	0.9680	0.9435	0.8576	0.9871	0.9831
33.6	0.9675	0.9829	0.9859	0.9737	0.9395	0.8295	0.9876	0.9829
33.7	0.9710	0.9773	0.9831	0.9743	0.9256	0.7202	0.9829	0.9804

33.8	0.9614	0.9704	0.9789	0.9653	0.9149	0.6548	0.9798	0.9758
33.9	0.9571	0.9644	0.9719	0.9572	0.9000	0.6243	0.9798	0.9784
34.0	0.9544	0.9641	0.9681	0.9578	0.8719	0.4606	0.9716	0.9685
34.1	0.9620	0.9596	0.9668	0.9588	0.8691	0.4979	0.9705	0.9663
34.2	0.9422	0.9419	0.9471	0.9365	0.8429	0.4269	0.9502	0.9409
34.3	0.9440	0.9352	0.9441	0.9355	0.8094	0.5727	0.9430	0.9235
34.4	0.9475	0.9350	0.9433	0.9359	0.7339	0.6914	0.9275	0.8838
34.5	0.9547	0.9376	0.9475	0.9434	0.3995	0.8222	0.9071	0.8271
34.6	0.9572	0.9455	0.9525	0.9452	0.1730	0.9055	0.8642	0.6277
34.7	0.9744	0.9700	0.9735	0.9684	0.4407	0.9544	0.8689	0.4642
34.8	0.9687	0.9558	0.9626	0.9579	0.5939	0.9594	0.7017	0.5706
34.9	0.9821	0.9756	0.9794	0.9735	0.8321	0.9733	0.6053	0.8624
35.0	0.9681	0.9686	0.9707	0.9600	0.8635	0.9689	0.6887	0.9118
35.1	0.9372	0.9495	0.9535	0.9280	0.8825	0.9628	0.7756	0.9290
35.2	0.9393	0.9502	0.9585	0.9333	0.8826	0.9669	0.8704	0.9551
35.3	0.9246	0.9389	0.9481	0.9235	0.8591	0.9677	0.8930	0.9661
35.4	0.8893	0.9095	0.9238	0.8719	0.8778	0.9621	0.9195	0.9694
35.5	0.8364	0.9086	0.9094	0.8595	0.9305	0.9769	0.9593	0.9827
35.6	0.8267	0.9117	0.9097	0.8507	0.9373	0.9724	0.9599	0.9797
35.7	0.6204	0.8191	0.8214	0.6963	0.9050	0.9655	0.9522	0.9794
35.8	0.3070	0.7371	0.6665	0.5025	0.8884	0.9499	0.9561	0.9742
35.9	0.2739	0.8079	0.6690	0.5807	0.9344	0.9677	0.9722	0.9834
36.0	0.1959	0.7368	0.5192	0.5228	0.9330	0.9647	0.9689	0.9845
36.1	0.2737	0.6042	0.4136	0.3864	0.9022	0.9569	0.9585	0.9800
36.2	0.2972	0.5909	0.2652	0.3654	0.9164	0.9606	0.9690	0.9828
36.3	0.3671	0.5858	0.1489	0.4384	0.9179	0.9576	0.9714	0.9836
36.4	0.5067	0.4962	0.2782	0.4208	0.9150	0.9598	0.9716	0.9842
36.5	0.6100	0.4897	0.4368	0.4090	0.9410	0.9723	0.9806	0.9889
36.6	0.4878	0.2345	0.5101	0.3718	0.9048	0.9512	0.9717	0.9828
36.7	0.7076	0.2297	0.7561	0.5647	0.9104	0.9534	0.9710	0.9831
36.8	0.7454	0.2844	0.7838	0.6459	0.9366	0.9655	0.9787	0.9867
36.9	0.6937	0.2750	0.6969	0.6273	0.9236	0.9519	0.9747	0.9844
37.0	0.7346	0.3285	0.7585	0.6606	0.9207	0.9437	0.9688	0.9799
37.1	0.8281	0.3428	0.7969	0.7387	0.9072	0.9392	0.9649	0.9773
37.2	0.8098	0.3971	0.8448	0.8169	0.9238	0.9597	0.9779	0.9867
37.3	0.8176	0.4223	0.8820	0.8127	0.8942	0.9359	0.9677	0.9812
37.4	0.8059	0.3999	0.8553	0.7606	0.8317	0.9030	0.9527	0.9734
37.5	0.8386	0.6304	0.8777	0.8380	0.8889	0.9338	0.9699	0.9831
37.6	0.8670	0.6534	0.9185	0.8733	0.9128	0.9430	0.9767	0.9859
37.7	0.8752	0.6166	0.9366	0.8890	0.8840	0.9340	0.9751	0.9837
37.8	0.8706	0.6838	0.9027	0.8705	0.8554	0.9280	0.9723	0.9816
37.9	0.8638	0.7863	0.9091	0.8865	0.8336	0.9136	0.9617	0.9768
38.0	0.8703	0.7899	0.9274	0.9155	0.8534	0.9159	0.9638	0.9781
38.1	0.8777	0.7930	0.9299	0.9200	0.8893	0.9303	0.9671	0.9826
38.2	0.8765	0.8411	0.9440	0.9348	0.8448	0.9108	0.9674	0.9817
38.3	0.8981	0.8803	0.9497	0.9445	0.8508	0.9047	0.9678	0.9808
38.4	0.8830	0.9039	0.9470	0.9372	0.8800	0.9046	0.9671	0.9797
38.5	0.8101	0.8706	0.9357	0.9161	0.8067	0.8674	0.9450	0.9718
38.6	0.8898	0.9177	0.9578	0.9441	0.8290	0.8946	0.9631	0.9803
38.7	0.8889	0.9349	0.9639	0.9500	0.8438	0.9223	0.9731	0.9858
38.8	0.8549	0.9309	0.9515	0.9311	0.7590	0.8871	0.9615	0.9791
38.9	0.8297	0.9189	0.9199	0.8979	0.7314	0.8418	0.9374	0.9695
39.0	0.8164	0.9279	0.9230	0.8943	0.7570	0.8268	0.9447	0.9724
39.1	0.7861	0.9333	0.9126	0.8918	0.7480	0.8292	0.9575	0.9768
39.2	0.7603	0.9212	0.9056	0.8756	0.7517	0.8452	0.9607	0.9762
39.3	0.7849	0.9242	0.9094	0.8747	0.7115	0.8631	0.9644	0.9802
39.4	0.7762	0.9297	0.9105	0.8841	0.6558	0.8404	0.9614	0.9807
39.5	0.6919	0.9306	0.9045	0.8887	0.6709	0.8140	0.9505	0.9750
39.6	0.5539	0.9441	0.9046	0.8938	0.7701	0.8743	0.9722	0.9850
39.7	0.4434	0.9402	0.8981	0.9159	0.7213	0.8718	0.9683	0.9848
39.8	0.3562	0.9111	0.8840	0.8961	0.6844	0.8399	0.9567	0.9805
39.9	0.3002	0.9182	0.8990	0.8921	0.6676	0.8195	0.9539	0.9780
40.0	0.1409	0.9166	0.9022	0.8922	0.6734	0.8473	0.9618	0.9824
40.1	0.0619	0.9185	0.9165	0.9136	0.6415	0.8434	0.9667	0.9850
40.2	0.0205	0.8595	0.8525	0.8561	0.5715	0.7856	0.9530	0.9756
40.3	0.0726	0.8473	0.8309	0.8488	0.6454	0.8024	0.9552	0.9803
40.4	0.0803	0.8334	0.8275	0.8338	0.6504	0.8094	0.9556	0.9819
40.5	0.2401	0.8516	0.8246	0.8337	0.5158	0.7797	0.9527	0.9802
40.6	0.3828	0.8593	0.8443	0.8685	0.5521	0.7964	0.9553	0.9829
40.7	0.5513	0.8473	0.8642	0.8741	0.6217	0.7870	0.9554	0.9806
40.8	0.5893	0.8804	0.8773	0.8842	0.6121	0.7926	0.9566	0.9805
40.9	0.6988	0.8837	0.9012	0.9081	0.5096	0.7902	0.9595	0.9824
41.0	0.7391	0.8515	0.9120	0.9097	0.5516	0.7655	0.9542	0.9808
41.1	0.7009	0.8426	0.8683	0.8906	0.3578	0.7081	0.9475	0.9781
41.2	0.7952	0.8789	0.8998	0.9182	0.4166	0.7021	0.9491	0.9772
41.3	0.7985	0.8743	0.9019	0.9203	0.5052	0.7408	0.9533	0.9775
41.4	0.7539	0.9062	0.9177	0.9368	0.5903	0.7357	0.9523	0.9741
41.5	0.8430	0.9034	0.9249	0.9394	0.5405	0.7117	0.9538	0.9763
41.6	0.9035	0.8594	0.9304	0.9175	0.4880	0.7136	0.9550	0.9778
41.7	0.9251	0.8611	0.9336	0.9215	0.4358	0.6990	0.9561	0.9797
41.8	0.9446	0.8775	0.9342	0.9299	0.4533	0.7154	0.9576	0.9800
41.9	0.9540	0.8789	0.9375	0.9352	0.5593	0.7878	0.9690	0.9843
42.0	0.9482	0.8477	0.9287	0.9161	0.5902	0.7493	0.9685	0.9818
42.1	0.9392	0.8692	0.9295	0.9207	0.5529	0.6939	0.9636	0.9766
42.2	0.9395	0.9077	0.9478	0.9469	0.5577	0.6990	0.9582	0.9754
42.3	0.9438	0.8861	0.9474	0.9474	0.5196	0.6464	0.9551	0.9717

42.4	0.9411	0.8325	0.9248	0.9139	0.4740	0.6089	0.9468	0.9706
42.5	0.9614	0.8557	0.9441	0.9326	0.4746	0.6293	0.9470	0.9735
42.6	0.9657	0.8856	0.9560	0.9533	0.4851	0.6569	0.9559	0.9745
42.7	0.9644	0.8855	0.9536	0.9516	0.3822	0.5484	0.9500	0.9725
42.8	0.9512	0.8848	0.9520	0.9482	0.5235	0.7101	0.9674	0.9822
42.9	0.9460	0.8540	0.9482	0.9398	0.5412	0.6847	0.9567	0.9800
43.0	0.9559	0.8783	0.9592	0.9484	0.5241	0.6895	0.9570	0.9803
43.1	0.9589	0.9048	0.9668	0.9600	0.5792	0.7100	0.9625	0.9802
43.2	0.9618	0.9070	0.9690	0.9637	0.5294	0.6186	0.9680	0.9802
43.3	0.9465	0.9157	0.9642	0.9568	0.5270	0.5714	0.9643	0.9780
43.4	0.9579	0.9415	0.9739	0.9640	0.6145	0.6628	0.9722	0.9846
43.5	0.9433	0.9418	0.9663	0.9597	0.5048	0.6534	0.9722	0.9843
43.6	0.9345	0.9388	0.9612	0.9579	0.5017	0.6803	0.9711	0.9851
43.7	0.9425	0.9577	0.9662	0.9680	0.4909	0.6334	0.9654	0.9815
43.8	0.9380	0.9618	0.9675	0.9640	0.5074	0.5651	0.9566	0.9795
43.9	0.9496	0.9612	0.9716	0.9641	0.5899	0.6088	0.9561	0.9793
44.0	0.9547	0.9540	0.9743	0.9615	0.5180	0.6154	0.9619	0.9800
44.1	0.9416	0.9583	0.9664	0.9592	0.4971	0.6445	0.9656	0.9814
44.2	0.9400	0.9605	0.9624	0.9624	0.4730	0.6504	0.9667	0.9840
44.3	0.9621	0.9676	0.9728	0.9716	0.4862	0.6711	0.9691	0.9864
44.4	0.9592	0.9698	0.9749	0.9714	0.5340	0.6547	0.9658	0.9824
44.5	0.9696	0.9818	0.9799	0.9777	0.5971	0.7028	0.9754	0.9857
44.6	0.9677	0.9763	0.9766	0.9746	0.5844	0.6507	0.9712	0.9822
44.7	0.9583	0.9698	0.9735	0.9699	0.5075	0.6747	0.9762	0.9865
44.8	0.9656	0.9730	0.9807	0.9727	0.4969	0.6699	0.9729	0.9854
44.9	0.9551	0.9679	0.9781	0.9641	0.5283	0.6088	0.9727	0.9856
45.0	0.9644	0.9668	0.9769	0.9707	0.4739	0.5476	0.9678	0.9811
45.1	0.9765	0.9796	0.9852	0.9841	0.6187	0.6681	0.9748	0.9858
45.2	0.9847	0.9791	0.9879	0.9869	0.6348	0.6807	0.9785	0.9871
45.3	0.9801	0.9620	0.9796	0.9743	0.5878	0.6188	0.9762	0.9843
45.4	0.9620	0.9616	0.9717	0.9587	0.5443	0.5800	0.9752	0.9832
45.5	0.9710	0.9746	0.9799	0.9708	0.4665	0.6222	0.9739	0.9859
45.6	0.9707	0.9780	0.9830	0.9717	0.4826	0.6120	0.9723	0.9856
45.7	0.9615	0.9698	0.9744	0.9660	0.4902	0.5903	0.9725	0.9859
45.8	0.9690	0.9677	0.9748	0.9695	0.6172	0.6520	0.9736	0.9831
45.9	0.9789	0.9777	0.9848	0.9782	0.6716	0.7320	0.9824	0.9881
46.0	0.9855	0.9794	0.9880	0.9818	0.6762	0.7981	0.9866	0.9901
46.1	0.9828	0.9708	0.9856	0.9770	0.5659	0.8133	0.9840	0.9900
46.2	0.9418	0.9508	0.9632	0.9430	0.4626	0.7254	0.9758	0.9822
46.3	0.9462	0.9616	0.9682	0.9593	0.6859	0.7575	0.9819	0.9881
46.4	0.9680	0.9745	0.9816	0.9779	0.7446	0.8274	0.9852	0.9898
46.5	0.9619	0.9603	0.9787	0.9714	0.5420	0.7268	0.9748	0.9820
46.6	0.9536	0.9589	0.9829	0.9706	0.5247	0.7512	0.9776	0.9857
46.7	0.9363	0.9544	0.9815	0.9655	0.6436	0.8044	0.9835	0.9874
46.8	0.9308	0.9493	0.9813	0.9643	0.5873	0.7428	0.9786	0.9864
46.9	0.9595	0.9652	0.9874	0.9756	0.6267	0.7648	0.9798	0.9882
47.0	0.9425	0.9349	0.9761	0.9620	0.5815	0.7338	0.9731	0.9835
47.1	0.9331	0.9248	0.9663	0.9356	0.5475	0.7106	0.9727	0.9798
47.2	0.9402	0.9359	0.9758	0.9444	0.5485	0.6444	0.9718	0.9807
47.3	0.9566	0.9439	0.9804	0.9611	0.5351	0.6692	0.9713	0.9810
47.4	0.9712	0.9559	0.9875	0.9740	0.6787	0.7542	0.9762	0.9828
47.5	0.9675	0.9573	0.9880	0.9798	0.6677	0.7923	0.9803	0.9862
47.6	0.9801	0.9660	0.9886	0.9783	0.6366	0.8169	0.9807	0.9862
47.7	0.9825	0.9710	0.9899	0.9827	0.6697	0.8426	0.9825	0.9889
47.8	0.9636	0.9505	0.9786	0.9713	0.6172	0.8112	0.9740	0.9817
47.9	0.9170	0.9024	0.9723	0.9606	0.6239	0.7650	0.9654	0.9752
48.0	0.9331	0.9134	0.9803	0.9684	0.5931	0.7028	0.9612	0.9713
48.1	0.9575	0.9515	0.9752	0.9651	0.6364	0.7345	0.9733	0.9773
48.2	0.9716	0.9609	0.9769	0.9716	0.6993	0.8176	0.9830	0.9874
48.3	0.9838	0.9752	0.9855	0.9835	0.7128	0.8625	0.9836	0.9879
48.4	0.9832	0.9714	0.9881	0.9839	0.7346	0.8740	0.9869	0.9899
48.5	0.9568	0.9448	0.9742	0.9717	0.6855	0.7807	0.9735	0.9817
48.6	0.9529	0.9311	0.9682	0.9667	0.5762	0.8321	0.9763	0.9805
48.7	0.9714	0.9551	0.9727	0.9744	0.6203	0.8297	0.9791	0.9842
48.8	0.9714	0.9542	0.9710	0.9681	0.6696	0.7449	0.9700	0.9802
48.9	0.9562	0.9547	0.9728	0.9670	0.6417	0.7257	0.9665	0.9756
49.0	0.9479	0.9500	0.9725	0.9714	0.5726	0.8148	0.9736	0.9765
49.1	0.9421	0.9488	0.9754	0.9708	0.6232	0.8121	0.9780	0.9819
49.2	0.9291	0.9338	0.9569	0.9594	0.6936	0.8591	0.9814	0.9843
49.3	0.9338	0.9222	0.9524	0.9554	0.7587	0.8397	0.9777	0.9840
49.4	0.9347	0.9323	0.9464	0.9552	0.7011	0.8377	0.9752	0.9836
49.5	0.9602	0.9618	0.9675	0.9724	0.6964	0.8558	0.9777	0.9847
49.6	0.9629	0.9635	0.9745	0.9752	0.7118	0.8904	0.9823	0.9853
49.7	0.8099	0.8392	0.9020	0.9198	0.6779	0.8339	0.9780	0.9824
49.8	0.6561	0.7025	0.7524	0.7772	0.6649	0.7532	0.9717	0.9811
49.9	0.8239	0.8511	0.8874	0.8961	0.7402	0.8162	0.9758	0.9816
50.0	0.9528	0.9527	0.9593	0.9631	0.7484	0.8655	0.9788	0.9823
50.1	0.9271	0.9174	0.9494	0.9535	0.6963	0.7478	0.9768	0.9718
50.2	0.9430	0.9377	0.9638	0.9640	0.6921	0.7236	0.9798	0.9710
50.3	0.9614	0.9639	0.9639	0.9633	0.7537	0.8399	0.9753	0.9739
50.4	0.9636	0.9622	0.9275	0.9341	0.7379	0.8796	0.9741	0.9740
50.5	0.9636	0.9519	0.9206	0.9275	0.7067	0.8455	0.9738	0.9728
50.6	0.9607	0.9543	0.9518	0.9528	0.7666	0.8579	0.9742	0.9755
50.7	0.9560	0.9391	0.9414	0.9484	0.7323	0.8464	0.9711	0.9747
50.8	0.9720	0.9485	0.9535	0.9586	0.8095	0.8644	0.9669	0.9748
50.9	0.9670	0.9623	0.9571	0.9621	0.8603	0.9163	0.9782	0.9810

51.0	0.9655	0.9570	0.9500	0.9569	0.8668	0.9263	0.9859	0.9857
51.1	0.9522	0.9398	0.9424	0.9479	0.8408	0.8885	0.9790	0.9792
51.2	0.9768	0.9683	0.9736	0.9754	0.8340	0.8953	0.9786	0.9842
51.3	0.9793	0.9688	0.9770	0.9780	0.8584	0.9010	0.9786	0.9806
51.4	0.9365	0.9268	0.9445	0.9459	0.8580	0.8993	0.9782	0.9765
51.5	0.9290	0.9062	0.9383	0.9444	0.8612	0.9076	0.9799	0.9787
51.6	0.9652	0.9445	0.9691	0.9701	0.8607	0.9128	0.9787	0.9794
51.7	0.9834	0.9787	0.9847	0.9838	0.8777	0.9044	0.9752	0.9792
51.8	0.9836	0.9789	0.9846	0.9852	0.9087	0.9065	0.9754	0.9784
51.9	0.9657	0.9698	0.9730	0.9722	0.8916	0.9070	0.9699	0.9716
52.0	0.9852	0.9766	0.9864	0.9849	0.8928	0.9232	0.9767	0.9789
52.1	0.9802	0.9752	0.9825	0.9812	0.8861	0.9275	0.9746	0.9778
52.2	0.9825	0.9812	0.9836	0.9822	0.9050	0.9522	0.9812	0.9847
52.3	0.9731	0.9659	0.9732	0.9692	0.9087	0.9401	0.9776	0.9775
52.4	0.9823	0.9650	0.9784	0.9745	0.9140	0.9389	0.9766	0.9808
52.5	0.9870	0.9753	0.9835	0.9830	0.9319	0.9472	0.9787	0.9858
52.6	0.9839	0.9758	0.9832	0.9810	0.9383	0.9674	0.9821	0.9864
52.7	0.9771	0.9608	0.9758	0.9704	0.9351	0.9711	0.9847	0.9821
52.8	0.9784	0.9658	0.9768	0.9744	0.9477	0.9691	0.9842	0.9822
52.9	0.9873	0.9816	0.9867	0.9859	0.9515	0.9722	0.9840	0.9834
53.0	0.9924	0.9885	0.9936	0.9928	0.9562	0.9763	0.9856	0.9870
53.1	0.9886	0.9836	0.9894	0.9891	0.9261	0.9705	0.9788	0.9823
53.2	0.9845	0.9811	0.9879	0.9857	0.9293	0.9702	0.9767	0.9769
53.3	0.9812	0.9807	0.9874	0.9839	0.9656	0.9796	0.9827	0.9818
53.4	0.9858	0.9890	0.9917	0.9901	0.9631	0.9773	0.9807	0.9833
53.5	0.9820	0.9844	0.9873	0.9863	0.9607	0.9727	0.9751	0.9813
53.6	0.9790	0.9813	0.9824	0.9823	0.9618	0.9807	0.9813	0.9826
53.7	0.9786	0.9839	0.9835	0.9802	0.9571	0.9817	0.9805	0.9829
53.8	0.9760	0.9805	0.9800	0.9757	0.9605	0.9799	0.9753	0.9806
53.9	0.9877	0.9878	0.9899	0.9878	0.9671	0.9822	0.9747	0.9817
54.0	0.9886	0.9890	0.9907	0.9894	0.9648	0.9858	0.9792	0.9856
54.1	0.9806	0.9826	0.9835	0.9818	0.9521	0.9827	0.9763	0.9814
54.2	0.9728	0.9791	0.9776	0.9757	0.9518	0.9785	0.9687	0.9761
54.3	0.9873	0.9877	0.9881	0.9872	0.9552	0.9841	0.9750	0.9846
54.4	0.9863	0.9883	0.9885	0.9870	0.9589	0.9877	0.9787	0.9871
54.5	0.9890	0.9922	0.9921	0.9905	0.9607	0.9876	0.9782	0.9860
54.6	0.9759	0.9860	0.9836	0.9808	0.9529	0.9837	0.9684	0.9758
54.7	0.9794	0.9903	0.9883	0.9860	0.9609	0.9833	0.9683	0.9744
54.8	0.9806	0.9867	0.9860	0.9842	0.9577	0.9770	0.9555	0.9723
54.9	0.9888	0.9912	0.9906	0.9897	0.9631	0.9886	0.9723	0.9856
55.0	0.9905	0.9909	0.9914	0.9900	0.9560	0.9879	0.9613	0.9783
55.1	0.9902	0.9915	0.9917	0.9904	0.9468	0.9848	0.9490	0.9723
55.2	0.9885	0.9901	0.9899	0.9891	0.9448	0.9834	0.9536	0.9792
55.3	0.9907	0.9921	0.9919	0.9909	0.9383	0.9826	0.9501	0.9763
55.4	0.9900	0.9934	0.9924	0.9912	0.9543	0.9860	0.9601	0.9772
55.5	0.9860	0.9893	0.9887	0.9864	0.9473	0.9880	0.9550	0.9766
55.6	0.9861	0.9873	0.9878	0.9856	0.9528	0.9891	0.9549	0.9784
55.7	0.9872	0.9865	0.9877	0.9865	0.9519	0.9870	0.9442	0.9726
55.8	0.9883	0.9894	0.9893	0.9889	0.9451	0.9860	0.9461	0.9741
55.9	0.9885	0.9903	0.9896	0.9891	0.9407	0.9882	0.9528	0.9778
56.0	0.9798	0.9890	0.9853	0.9830	0.9476	0.9914	0.9507	0.9746
56.1	0.9811	0.9899	0.9862	0.9851	0.9453	0.9881	0.9456	0.9773
56.2	0.9876	0.9905	0.9885	0.9888	0.9494	0.9871	0.9424	0.9766
56.3	0.9896	0.9911	0.9904	0.9903	0.9595	0.9888	0.9367	0.9778
56.4	0.9922	0.9936	0.9934	0.9923	0.9662	0.9926	0.9656	0.9865
56.5	0.9920	0.9939	0.9937	0.9931	0.9620	0.9930	0.9661	0.9850
56.6	0.9922	0.9931	0.9924	0.9925	0.9550	0.9914	0.9549	0.9787
56.7	0.9913	0.9924	0.9918	0.9916	0.9504	0.9914	0.9492	0.9783
56.8	0.9904	0.9914	0.9907	0.9911	0.9463	0.9888	0.9448	0.9792
56.9	0.9903	0.9917	0.9915	0.9904	0.9474	0.9907	0.9564	0.9826
57.0	0.9864	0.9890	0.9886	0.9869	0.9391	0.9907	0.9507	0.9792
57.1	0.9752	0.9843	0.9786	0.9789	0.9327	0.9917	0.9421	0.9728
57.2	0.9765	0.9863	0.9813	0.9802	0.9335	0.9930	0.9544	0.9761
57.3	0.9865	0.9924	0.9891	0.9893	0.9388	0.9940	0.9604	0.9770
57.4	0.9885	0.9910	0.9899	0.9889	0.9295	0.9929	0.9542	0.9742
57.5	0.9902	0.9921	0.9917	0.9906	0.9516	0.9930	0.9517	0.9747
57.6	0.9900	0.9927	0.9907	0.9909	0.9613	0.9940	0.9557	0.9758
57.7	0.9915	0.9940	0.9929	0.9930	0.9656	0.9939	0.9580	0.9771
57.8	0.9941	0.9953	0.9946	0.9944	0.9677	0.9945	0.9601	0.9782
57.9	0.9908	0.9928	0.9919	0.9911	0.9606	0.9953	0.9622	0.9801
58.0	0.9886	0.9920	0.9896	0.9900	0.9472	0.9947	0.9571	0.9775
58.1	0.9879	0.9885	0.9881	0.9872	0.9402	0.9948	0.9567	0.9761
58.2	0.9885	0.9857	0.9881	0.9882	0.9519	0.9953	0.9606	0.9755
58.3	0.9860	0.9844	0.9854	0.9856	0.9437	0.9943	0.9441	0.9615
58.4	0.9874	0.9904	0.9901	0.9884	0.9471	0.9935	0.9482	0.9706
58.5	0.9865	0.9915	0.9889	0.9882	0.9628	0.9952	0.9535	0.9773
58.6	0.9903	0.9926	0.9905	0.9908	0.9633	0.9953	0.9528	0.9766
58.7	0.9904	0.9928	0.9912	0.9907	0.9611	0.9960	0.9568	0.9775
58.8	0.9860	0.9895	0.9866	0.9865	0.9458	0.9955	0.9446	0.9709
58.9	0.9789	0.9845	0.9802	0.9802	0.9602	0.9960	0.9567	0.9649
59.0	0.9821	0.9865	0.9834	0.9829	0.9591	0.9958	0.9573	0.9700
59.1	0.9862	0.9894	0.9880	0.9879	0.9594	0.9965	0.9565	0.9785
59.2	0.9855	0.9895	0.9878	0.9880	0.9605	0.9962	0.9498	0.9768
59.3	0.9789	0.9844	0.9812	0.9827	0.9572	0.9956	0.9311	0.9621
59.4	0.9812	0.9849	0.9831	0.9846	0.9558	0.9960	0.9369	0.9668
59.5	0.9898	0.9917	0.9903	0.9903	0.9624	0.9973	0.9556	0.9777

59.6	0.9860	0.9912	0.9885	0.9889	0.9628	0.9964	0.9566	0.9769
59.7	0.9848	0.9919	0.9891	0.9882	0.9630	0.9967	0.9617	0.9800
59.8	0.9854	0.9916	0.9897	0.9888	0.9579	0.9961	0.9608	0.9802
59.9	0.9732	0.9752	0.9567	0.9414	0.8424	0.7763	0.9612	0.8928
60.0	0.9316	0.9255	0.8590	0.7949	0.6698	0.4159	0.9429	0.7102
60.1	0.9616	0.9632	0.9383	0.9112	0.8374	0.6979	0.9336	0.8747
60.2	0.9845	0.9879	0.9858	0.9865	0.9597	0.9963	0.9411	0.9697
60.3	0.9832	0.9887	0.9858	0.9867	0.9697	0.9970	0.9479	0.9756
60.4	0.9805	0.9880	0.9841	0.9859	0.9707	0.9970	0.9428	0.9696
60.5	0.9790	0.9881	0.9826	0.9845	0.9714	0.9966	0.9492	0.9678
60.6	0.9850	0.9913	0.9868	0.9884	0.9719	0.9974	0.9605	0.9787
60.7	0.9839	0.9887	0.9848	0.9871	0.9516	0.9975	0.9528	0.9711
60.8	0.9761	0.9860	0.9815	0.9841	0.9482	0.9963	0.9408	0.9656
60.9	0.9836	0.9909	0.9873	0.9884	0.9648	0.9972	0.9470	0.9735
61.0	0.9844	0.9895	0.9873	0.9873	0.9608	0.9973	0.9423	0.9711
61.1	0.9825	0.9907	0.9880	0.9880	0.9692	0.9978	0.9521	0.9781
61.2	0.9837	0.9883	0.9880	0.9856	0.9708	0.9979	0.9439	0.9721
61.3	0.9841	0.9869	0.9866	0.9867	0.9618	0.9973	0.9435	0.9712
61.4	0.9815	0.9887	0.9859	0.9868	0.9636	0.9972	0.9437	0.9713
61.5	0.9748	0.9862	0.9816	0.9826	0.9637	0.9970	0.9170	0.9611
61.6	0.9808	0.9876	0.9860	0.9867	0.9712	0.9972	0.9318	0.9667
61.7	0.9816	0.9843	0.9843	0.9852	0.9591	0.9963	0.9387	0.9622
61.8	0.9828	0.9871	0.9858	0.9874	0.9609	0.9968	0.9423	0.9655
61.9	0.9828	0.9875	0.9865	0.9874	0.9694	0.9968	0.9495	0.9725
62.0	0.9845	0.9873	0.9855	0.9870	0.9654	0.9967	0.9475	0.9706
62.1	0.9819	0.9872	0.9848	0.9867	0.9716	0.9964	0.9339	0.9621
62.2	0.9783	0.9833	0.9816	0.9828	0.9706	0.9963	0.9218	0.9552
62.3	0.9777	0.9820	0.9808	0.9819	0.9672	0.9964	0.9184	0.9547
62.4	0.9811	0.9850	0.9843	0.9854	0.9698	0.9963	0.9327	0.9601
62.5	0.9823	0.9867	0.9847	0.9863	0.9768	0.9957	0.9402	0.9663
62.6	0.9840	0.9874	0.9854	0.9861	0.9743	0.9952	0.9389	0.9695
62.7	0.9827	0.9827	0.9828	0.9834	0.9651	0.9936	0.9260	0.9616
62.8	0.9838	0.9851	0.9848	0.9858	0.9718	0.9950	0.9394	0.9647
62.9	0.9816	0.9846	0.9838	0.9851	0.9644	0.9948	0.9372	0.9598
63.0	0.9795	0.9847	0.9827	0.9840	0.9543	0.9943	0.9300	0.9598
63.1	0.9833	0.9844	0.9849	0.9845	0.9641	0.9940	0.9338	0.9598
63.2	0.9859	0.9863	0.9871	0.9867	0.9710	0.9935	0.9507	0.9673
63.3	0.9849	0.9847	0.9854	0.9867	0.9691	0.9922	0.9401	0.9666
63.4	0.9777	0.9804	0.9797	0.9800	0.9705	0.9887	0.9178	0.9554
63.5	0.9761	0.9812	0.9803	0.9810	0.9756	0.9898	0.9233	0.9495
63.6	0.9788	0.9833	0.9818	0.9828	0.9713	0.9893	0.9350	0.9567
63.7	0.9865	0.9867	0.9867	0.9866	0.9743	0.9922	0.9383	0.9649
63.8	0.9890	0.9871	0.9885	0.9875	0.9755	0.9913	0.9467	0.9684
63.9	0.9855	0.9845	0.9854	0.9853	0.9663	0.9879	0.9450	0.9639
64.0	0.9822	0.9835	0.9833	0.9823	0.9680	0.9868	0.9404	0.9561
64.1	0.9823	0.9803	0.9822	0.9800	0.9667	0.9875	0.9336	0.9436
64.2	0.9839	0.9847	0.9859	0.9852	0.9576	0.9878	0.9422	0.9563
64.3	0.9861	0.9872	0.9873	0.9861	0.9661	0.9892	0.9407	0.9629
64.4	0.9823	0.9822	0.9840	0.9825	0.9663	0.9860	0.9410	0.9592
64.5	0.9787	0.9831	0.9826	0.9812	0.9671	0.9813	0.9355	0.9528
64.6	0.9782	0.9804	0.9801	0.9807	0.9597	0.9829	0.9390	0.9235
64.7	0.9824	0.9832	0.9837	0.9853	0.9613	0.9846	0.9420	0.9384
64.8	0.9816	0.9829	0.9838	0.9851	0.9625	0.9843	0.9327	0.9067
64.9	0.9833	0.9860	0.9856	0.9871	0.9641	0.9828	0.9415	0.9089
65.0	0.9841	0.9855	0.9849	0.9860	0.9603	0.9842	0.9369	0.8766
65.1	0.9806	0.9834	0.9820	0.9825	0.9641	0.9840	0.9305	0.8129
65.2	0.9792	0.9828	0.9825	0.9822	0.9660	0.9817	0.9234	0.7868
65.3	0.9818	0.9854	0.9844	0.9836	0.9654	0.9766	0.9213	0.8324
65.4	0.9839	0.9871	0.9860	0.9858	0.9584	0.9731	0.9274	0.7836
65.5	0.9797	0.9858	0.9844	0.9849	0.9635	0.9728	0.9258	0.7860
65.6	0.9838	0.9884	0.9876	0.9879	0.9716	0.9794	0.9281	0.7406
65.7	0.9823	0.9864	0.9854	0.9853	0.9664	0.9730	0.9096	0.6868
65.8	0.9782	0.9830	0.9826	0.9815	0.9651	0.9784	0.9057	0.7315
65.9	0.9753	0.9780	0.9790	0.9778	0.9627	0.9758	0.8808	0.6973
66.0	0.9664	0.9739	0.9735	0.9714	0.9574	0.9684	0.8742	0.7644
66.1	0.9728	0.9771	0.9785	0.9765	0.9555	0.9699	0.8623	0.8308
66.2	0.9772	0.9831	0.9837	0.9814	0.9590	0.9669	0.8475	0.8500
66.3	0.9778	0.9843	0.9824	0.9831	0.9710	0.9743	0.8683	0.8639
66.4	0.9780	0.9827	0.9827	0.9815	0.9649	0.9731	0.8647	0.9106
66.5	0.9750	0.9814	0.9818	0.9820	0.9528	0.9632	0.8200	0.9086
66.6	0.9678	0.9753	0.9773	0.9766	0.9523	0.9604	0.7838	0.9035
66.7	0.9599	0.9735	0.9741	0.9711	0.9645	0.9663	0.8026	0.9151
66.8	0.9693	0.9798	0.9798	0.9771	0.9573	0.9696	0.8034	0.9247
66.9	0.9666	0.9753	0.9764	0.9696	0.9481	0.9680	0.7934	0.9444
67.0	0.9697	0.9794	0.9789	0.9745	0.9456	0.9621	0.8461	0.9539
67.1	0.9673	0.9803	0.9773	0.9739	0.9482	0.9619	0.8197	0.9492
67.2	0.9729	0.9850	0.9825	0.9795	0.9600	0.9677	0.8320	0.9611
67.3	0.9743	0.9806	0.9820	0.9787	0.9460	0.9599	0.7887	0.9482
67.4	0.9721	0.9830	0.9801	0.9789	0.9560	0.9655	0.8134	0.9547
67.5	0.9775	0.9859	0.9840	0.9834	0.9612	0.9695	0.8441	0.9666
67.6	0.9697	0.9778	0.9781	0.9753	0.9509	0.9600	0.7862	0.9584
67.7	0.9745	0.9798	0.9788	0.9774	0.9367	0.9549	0.8090	0.9640
67.8	0.9804	0.9840	0.9825	0.9830	0.9460	0.9662	0.8054	0.9650
67.9	0.9829	0.9844	0.9841	0.9847	0.9529	0.9736	0.8107	0.9672
68.0	0.9838	0.9872	0.9871	0.9860	0.9486	0.9723	0.8303	0.9684
68.1	0.9810	0.9857	0.9842	0.9837	0.9400	0.9678	0.8140	0.9660

68.2	0.9811	0.9846	0.9831	0.9833	0.9330	0.9662	0.8183	0.9663
68.3	0.9798	0.9844	0.9829	0.9816	0.9127	0.9694	0.8447	0.9658
68.4	0.9780	0.9819	0.9813	0.9805	0.9006	0.9702	0.8190	0.9672
68.5	0.9793	0.9805	0.9807	0.9798	0.9142	0.9697	0.8312	0.9628
68.6	0.9814	0.9805	0.9816	0.9815	0.9046	0.9657	0.8132	0.9682
68.7	0.9795	0.9784	0.9811	0.9789	0.9172	0.9727	0.8092	0.9669
68.8	0.9747	0.9740	0.9776	0.9755	0.8991	0.9692	0.8142	0.9646
68.9	0.9733	0.9762	0.9769	0.9753	0.8771	0.9734	0.8324	0.9639
69.0	0.9793	0.9845	0.9839	0.9816	0.9086	0.9804	0.8946	0.9732
69.1	0.9819	0.9851	0.9847	0.9834	0.9138	0.9774	0.9069	0.9746
69.2	0.9833	0.9833	0.9830	0.9840	0.9034	0.9744	0.9082	0.9728
69.3	0.9773	0.9766	0.9773	0.9781	0.8902	0.9788	0.8976	0.9683
69.4	0.9722	0.9746	0.9742	0.9730	0.8539	0.9736	0.8989	0.9609
69.5	0.9720	0.9749	0.9744	0.9726	0.8326	0.9768	0.8942	0.9550
69.6	0.9793	0.9783	0.9797	0.9794	0.8087	0.9794	0.9035	0.9662
69.7	0.9803	0.9798	0.9822	0.9813	0.8521	0.9777	0.8898	0.9726
69.8	0.9776	0.9784	0.9808	0.9784	0.8352	0.9765	0.8680	0.9664
69.9	0.9766	0.9784	0.9808	0.9770	0.8407	0.9794	0.8775	0.9662
70.0	0.9745	0.9788	0.9797	0.9759	0.8770	0.9788	0.8955	0.9694
70.1	0.9822	0.9862	0.9868	0.9848	0.8015	0.9859	0.9239	0.9785
70.2	0.9802	0.9839	0.9838	0.9820	0.8452	0.9820	0.9160	0.9749
70.3	0.9777	0.9830	0.9820	0.9809	0.8743	0.9843	0.9228	0.9731
70.4	0.9739	0.9812	0.9796	0.9790	0.8008	0.9779	0.9205	0.9726
70.5	0.9708	0.9745	0.9751	0.9744	0.8036	0.9787	0.9161	0.9653
70.6	0.9730	0.9791	0.9790	0.9768	0.7796	0.9811	0.9153	0.9665
70.7	0.9736	0.9829	0.9808	0.9793	0.8023	0.9832	0.9111	0.9709
70.8	0.9736	0.9763	0.9770	0.9777	0.8161	0.9787	0.9011	0.9643
70.9	0.9735	0.9806	0.9804	0.9786	0.8111	0.9800	0.8948	0.9645
71.0	0.9798	0.9810	0.9837	0.9806	0.7864	0.9770	0.9185	0.9708
71.1	0.9799	0.9811	0.9832	0.9804	0.8194	0.9778	0.9145	0.9757
71.2	0.9779	0.9783	0.9799	0.9790	0.8360	0.9773	0.9016	0.9735
71.3	0.9806	0.9779	0.9795	0.9806	0.8108	0.9745	0.9200	0.9745
71.4	0.9733	0.9750	0.9762	0.9773	0.7430	0.9599	0.8960	0.9708
71.5	0.9722	0.9816	0.9823	0.9798	0.7456	0.9758	0.9303	0.9722
71.6	0.9743	0.9815	0.9814	0.9794	0.7630	0.9766	0.9269	0.9709
71.7	0.9728	0.9818	0.9824	0.9811	0.7727	0.9689	0.9115	0.9719
71.8	0.9694	0.9752	0.9770	0.9743	0.7252	0.9700	0.9233	0.9611
71.9	0.9664	0.9703	0.9756	0.9721	0.6698	0.9706	0.9283	0.9539
72.0	0.9560	0.9704	0.9728	0.9698	0.7288	0.9633	0.9042	0.9558
72.1	0.9699	0.9771	0.9814	0.9800	0.7606	0.9748	0.9392	0.9692
72.2	0.9745	0.9816	0.9847	0.9847	0.8170	0.9782	0.9491	0.9717
72.3	0.9664	0.9772	0.9837	0.9805	0.7437	0.9674	0.9306	0.9628
72.4	0.9649	0.9763	0.9815	0.9794	0.7513	0.9657	0.9271	0.9599
72.5	0.9735	0.9809	0.9845	0.9839	0.8210	0.9733	0.9392	0.9679
72.6	0.9658	0.9767	0.9787	0.9781	0.8128	0.9657	0.9254	0.9683
72.7	0.9594	0.9707	0.9754	0.9678	0.7832	0.9498	0.8871	0.9612
72.8	0.9544	0.9701	0.9742	0.9681	0.7568	0.9507	0.8974	0.9570
72.9	0.9585	0.9679	0.9744	0.9677	0.7261	0.9619	0.9257	0.9609
73.0	0.9565	0.9673	0.9740	0.9686	0.7085	0.9681	0.9385	0.9571
73.1	0.9606	0.9586	0.9737	0.9709	0.7052	0.9645	0.9325	0.9366
73.2	0.9577	0.9628	0.9735	0.9705	0.7406	0.9565	0.9159	0.9300
73.3	0.9570	0.9723	0.9773	0.9703	0.7997	0.9615	0.9294	0.9593
73.4	0.9564	0.9722	0.9818	0.9754	0.8095	0.9642	0.9400	0.9529
73.5	0.9604	0.9628	0.9725	0.9740	0.8153	0.9697	0.9475	0.9410
73.6	0.9721	0.9668	0.9771	0.9770	0.8266	0.9751	0.9584	0.9492
73.7	0.9577	0.9686	0.9745	0.9698	0.7681	0.9689	0.9512	0.9280
73.8	0.9496	0.9641	0.9665	0.9544	0.7077	0.9582	0.9192	0.9102
73.9	0.9489	0.9460	0.9546	0.9504	0.7342	0.9507	0.9150	0.8954
74.0	0.9523	0.9573	0.9634	0.9600	0.8030	0.9619	0.9412	0.9215
74.1	0.9526	0.9488	0.9726	0.9661	0.8179	0.9667	0.9486	0.9295
74.2	0.9604	0.9425	0.9693	0.9644	0.7868	0.9682	0.9446	0.9128
74.3	0.9649	0.9519	0.9667	0.9671	0.7287	0.9636	0.9426	0.9071
74.4	0.9655	0.9608	0.9656	0.9662	0.7606	0.9704	0.9498	0.9194
74.5	0.9602	0.9495	0.9623	0.9574	0.7838	0.9580	0.9366	0.8936
74.6	0.9653	0.9560	0.9719	0.9725	0.8205	0.9693	0.9571	0.9032
74.7	0.9660	0.9607	0.9719	0.9753	0.8330	0.9629	0.9572	0.8958
74.8	0.9584	0.9699	0.9646	0.9705	0.8220	0.9696	0.9576	0.8904
74.9	0.9510	0.9624	0.9584	0.9656	0.7824	0.9561	0.9417	0.8636
75.0	0.9631	0.9615	0.9655	0.9706	0.7902	0.9640	0.9552	0.8675
75.1	0.9451	0.9535	0.9552	0.9515	0.8304	0.9673	0.9538	0.8229
75.2	0.9403	0.9460	0.9433	0.9420	0.7769	0.9579	0.9439	0.7924
75.3	0.9448	0.9435	0.9524	0.9430	0.7789	0.9475	0.9320	0.8070
75.4	0.9457	0.9455	0.9579	0.9558	0.7509	0.9457	0.9356	0.8172
75.5	0.9154	0.9354	0.9192	0.9302	0.6408	0.9554	0.9432	0.7968
75.6	0.9361	0.9479	0.9403	0.9439	0.6907	0.9634	0.9515	0.8652
75.7	0.9437	0.9407	0.9395	0.9432	0.7430	0.9517	0.9521	0.8432
75.8	0.9483	0.9497	0.9376	0.9559	0.7723	0.9589	0.9473	0.8735
75.9	0.9120	0.9338	0.8995	0.9231	0.7095	0.9582	0.9400	0.8330
76.0	0.8905	0.9297	0.8756	0.9050	0.7189	0.9539	0.9396	0.8302
76.1	0.9158	0.9444	0.9017	0.9280	0.7237	0.9616	0.9515	0.8625
76.2	0.9278	0.9260	0.9088	0.9325	0.7226	0.9523	0.9544	0.8926
76.3	0.9168	0.9210	0.8876	0.9222	0.7806	0.9589	0.9583	0.9006
76.4	0.9169	0.8811	0.8789	0.9209	0.6923	0.9372	0.9452	0.8930
76.5	0.8872	0.8712	0.8547	0.8913	0.7111	0.9442	0.9422	0.8783
76.6	0.9133	0.8935	0.8867	0.9100	0.7030	0.9404	0.9283	0.9011
76.7	0.9351	0.8829	0.9002	0.9232	0.6445	0.9262	0.9258	0.9008

76.8	0.9291	0.8720	0.8966	0.9305	0.6464	0.9444	0.9480	0.9164
76.9	0.9296	0.8668	0.9019	0.9304	0.6091	0.9367	0.9417	0.9157
77.0	0.9339	0.8864	0.9133	0.9344	0.6480	0.9468	0.9598	0.9213
77.1	0.9300	0.8730	0.9065	0.9230	0.6693	0.9482	0.9583	0.9233
77.2	0.9376	0.8780	0.9218	0.9335	0.6890	0.9269	0.9466	0.9379
77.3	0.9523	0.9073	0.9433	0.9475	0.6936	0.9288	0.9496	0.9488
77.4	0.9499	0.9170	0.9400	0.9497	0.7502	0.9389	0.9610	0.9460
77.5	0.9260	0.9079	0.9176	0.9272	0.5948	0.9217	0.9462	0.9160
77.6	0.9398	0.9020	0.9271	0.9257	0.5917	0.9161	0.9368	0.9345
77.7	0.9557	0.9212	0.9489	0.9490	0.5840	0.9243	0.9411	0.9469
77.8	0.9548	0.9251	0.9487	0.9538	0.5306	0.9218	0.9479	0.9478
77.9	0.9513	0.9097	0.9393	0.9490	0.4664	0.9202	0.9537	0.9435
78.0	0.9342	0.8985	0.9236	0.9281	0.4102	0.8848	0.9421	0.9342
78.1	0.9433	0.9278	0.9360	0.9451	0.4293	0.8997	0.9527	0.9372
78.2	0.9588	0.9474	0.9540	0.9613	0.6300	0.9238	0.9677	0.9513
78.3	0.9584	0.9314	0.9515	0.9558	0.5183	0.9047	0.9475	0.9521
78.4	0.9598	0.9412	0.9538	0.9565	0.5002	0.9109	0.9416	0.9595
78.5	0.9547	0.9319	0.9448	0.9528	0.5254	0.8854	0.9465	0.9498
78.6	0.9608	0.9416	0.9556	0.9600	0.4926	0.8938	0.9632	0.9492
78.7	0.9683	0.9520	0.9658	0.9649	0.4817	0.9134	0.9619	0.9585
78.8	0.9713	0.9572	0.9674	0.9697	0.5376	0.9271	0.9660	0.9645
78.9	0.9659	0.9598	0.9631	0.9661	0.5495	0.9152	0.9612	0.9639
79.0	0.9649	0.9474	0.9556	0.9617	0.5036	0.9099	0.9570	0.9569
79.1	0.9617	0.9456	0.9554	0.9580	0.3707	0.8936	0.9513	0.9558
79.2	0.9715	0.9691	0.9717	0.9718	0.5600	0.9278	0.9620	0.9688
79.3	0.9622	0.9587	0.9620	0.9616	0.5123	0.9247	0.9645	0.9572
79.4	0.9582	0.9366	0.9506	0.9535	0.4407	0.8936	0.9573	0.9474
79.5	0.9665	0.9444	0.9590	0.9619	0.5352	0.9224	0.9679	0.9584
79.6	0.9706	0.9623	0.9658	0.9673	0.5617	0.9409	0.9776	0.9622
79.7	0.9654	0.9546	0.9592	0.9648	0.4685	0.9282	0.9675	0.9547
79.8	0.9667	0.9535	0.9575	0.9668	0.4801	0.9107	0.9596	0.9610
79.9	0.9638	0.9441	0.9533	0.9614	0.4872	0.9055	0.9611	0.9611
80.0	0.9745	0.9616	0.9709	0.9721	0.4075	0.9414	0.9690	0.9675

1.2.15 Run 4 – IP050-200 – NF and AF gauges

In-plane shaking at 50° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.4788	0.5314	0.9980	0.9499	0.9201	0.6178	0.7689	0.9521
0.1	0.4064	0.4309	0.9885	0.7201	0.7820	0.0398	0.5990	0.8157
0.2	0.9708	0.9681	0.9392	0.9292	0.9646	0.9624	0.9646	0.9150
0.3	0.9277	0.9492	0.7937	0.7841	0.9352	0.9369	0.9309	0.8712
0.4	0.5997	0.6357	0.3894	0.4498	0.6300	0.6569	0.8108	0.4651
0.5	0.8060	0.8397	0.9495	0.9347	0.8574	0.8390	0.9440	0.4653
0.6	0.9742	0.9818	0.9945	0.9928	0.9804	0.9798	0.9858	0.8945
0.7	0.9931	0.9922	0.9976	0.9975	0.9921	0.9935	0.9959	0.9707
0.8	0.9655	0.9695	0.9882	0.9840	0.9648	0.9625	0.9922	0.8865
0.9	0.9269	0.9436	0.9479	0.9083	0.9115	0.9124	0.9842	0.7640
1.0	0.9705	0.9695	0.9614	0.9093	0.9646	0.9657	0.9930	0.9116
1.1	0.9836	0.9385	0.9856	0.9366	0.9930	0.9908	0.9973	0.9782
1.2	0.9974	0.9949	0.9990	0.9980	0.9988	0.9979	0.9991	0.9935
1.3	0.9993	0.9993	0.9996	0.9994	0.9996	0.9995	0.9996	0.9979
1.4	0.9987	0.9989	0.9989	0.9990	0.9984	0.9986	0.9993	0.9953
1.5	0.9977	0.9979	0.9987	0.9986	0.9971	0.9971	0.9993	0.9927
1.6	0.9991	0.9992	0.9990	0.9990	0.9989	0.9988	0.9994	0.9975
1.7	0.9995	0.9996	0.9986	0.9988	0.9992	0.9991	0.9993	0.9984
1.8	0.9996	0.9997	0.9961	0.9966	0.9988	0.9988	0.9986	0.9981
1.9	0.9994	0.9996	0.9924	0.9933	0.9980	0.9979	0.9972	0.9971
2.0	0.9976	0.9981	0.9786	0.9817	0.9901	0.9893	0.9850	0.9891
2.1	0.9937	0.9944	0.9840	0.9864	0.9747	0.9744	0.9705	0.9703
2.2	0.9780	0.9798	0.9906	0.9920	0.9315	0.9319	0.9255	0.9225
2.3	0.7880	0.8043	0.9863	0.9889	0.5430	0.5443	0.5244	0.5124
2.4	0.6388	0.6974	0.9946	0.9954	0.4040	0.4006	0.4402	0.4756
2.5	0.9696	0.9759	0.9984	0.9986	0.2433	0.2405	0.3678	0.4965
2.6	0.9967	0.9972	0.9993	0.9993	0.8033	0.8144	0.6379	0.4296
2.7	0.9989	0.9991	0.9996	0.9996	0.9670	0.9687	0.9469	0.9058
2.8	0.9990	0.9991	0.9998	0.9998	0.9838	0.9848	0.9783	0.9602
2.9	0.9996	0.9996	0.9998	0.9998	0.9963	0.9962	0.9962	0.9904
3.0	0.9999	0.9999	0.9999	0.9998	0.9987	0.9986	0.9981	0.9972
3.1	0.9999	0.9999	0.9999	0.9999	0.9994	0.9994	0.9990	0.9988
3.2	0.9999	0.9999	0.9999	0.9999	0.9994	0.9993	0.9993	0.9988
3.3	0.9999	0.9999	0.9999	0.9999	0.9997	0.9996	0.9996	0.9993
3.4	0.9999	1.0000	0.9999	0.9999	0.9997	0.9997	0.9996	0.9995
3.5	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998	0.9997	0.9996
3.6	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998	0.9997	0.9995
3.7	1.0000	1.0000	1.0000	1.0000	0.9998	0.9998	0.9998	0.9996
3.8	1.0000	1.0000	0.9999	1.0000	0.9999	0.9999	0.9998	0.9997
3.9	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9999	0.9997
4.0	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9998
4.1	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9999	0.9997
4.2	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9999	0.9997
4.3	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9997
4.4	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9997
4.5	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9997
4.6	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9997
4.7	0.9999	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9997
4.8	0.9999	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9997
4.9	0.9999	1.0000	0.9999	1.0000	0.9999	0.9999	0.9998	0.9996
5.0	0.9999	0.9999	0.9999	1.0000	0.9998	0.9999	0.9998	0.9996
5.1	0.9999	0.9999	1.0000	1.0000	0.9998	0.9998	0.9997	0.9996
5.2	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9997	0.9996
5.3	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9997	0.9996
5.4	0.9999	0.9999	1.0000	1.0000	0.9998	0.9998	0.9997	0.9996
5.5	0.9999	0.9999	1.0000	1.0000	0.9998	0.9998	0.9997	0.9996
5.6	0.9999	0.9999	0.9999	0.9999	0.9997	0.9996	0.9995	0.9993
5.7	0.9998	0.9999	0.9999	0.9999	0.9996	0.9996	0.9995	0.9993
5.8	0.9998	0.9999	0.9999	0.9999	0.9996	0.9995	0.9994	0.9993
5.9	0.9999	0.9999	0.9999	0.9999	0.9996	0.9996	0.9994	0.9994
6.0	0.9999	0.9999	0.9999	0.9999	0.9996	0.9996	0.9995	0.9995
6.1	0.9999	0.9999	0.9999	0.9999	0.9997	0.9996	0.9995	0.9994
6.2	0.9999	0.9999	0.9999	1.0000	0.9997	0.9996	0.9995	0.9994
6.3	0.9998	0.9999	0.9999	0.9999	0.9994	0.9993	0.9991	0.9989
6.4	0.9996	0.9997	0.9999	0.9999	0.9989	0.9989	0.9984	0.9979
6.5	0.9997	0.9998	0.9999	0.9999	0.9990	0.9990	0.9986	0.9986
6.6	0.9997	0.9998	0.9999	0.9999	0.9991	0.9991	0.9987	0.9986
6.7	0.9994	0.9998	0.9999	0.9999	0.9989	0.9988	0.9986	0.9982
6.8	0.9989	0.9996	0.9997	0.9998	0.9982	0.9979	0.9977	0.9972
6.9	0.9967	0.9993	0.9993	0.9994	0.9962	0.9962	0.9956	0.9951
7.0	0.9930	0.9990	0.9986	0.9980	0.9930	0.9934	0.9928	0.9910
7.1	0.9785	0.9983	0.9956	0.9929	0.9815	0.9835	0.9814	0.9781
7.2	0.9804	0.9988	0.9966	0.9963	0.9841	0.9858	0.9837	0.9798
7.3	0.9933	0.9996	0.9990	0.9990	0.9943	0.9951	0.9944	0.9923
7.4	0.9922	0.9996	0.9989	0.9991	0.9945	0.9951	0.9945	0.9924
7.5	0.9933	0.9994	0.9991	0.9996	0.9951	0.9957	0.9950	0.9927
7.6	0.9964	0.9993	0.9994	0.9998	0.9965	0.9969	0.9961	0.9950
7.7	0.9985	0.9995	0.9997	0.9999	0.9979	0.9980	0.9975	0.9971
7.8	0.9992	0.9995	0.9998	0.9999	0.9986	0.9987	0.9985	0.9977
7.9	0.9997	0.9997	0.9999	0.9998	0.9993	0.9992	0.9992	0.9982

8.0	0.9991	0.9996	0.9998	0.9998	0.9981	0.9982	0.9977	0.9966
8.1	0.9996	0.9997	0.9999	0.9998	0.9988	0.9988	0.9988	0.9977
8.2	0.9995	0.9995	0.9997	0.9998	0.9989	0.9988	0.9988	0.9979
8.3	0.9988	0.9989	0.9996	0.9996	0.9980	0.9978	0.9976	0.9962
8.4	0.9993	0.9992	0.9998	0.9997	0.9986	0.9983	0.9984	0.9974
8.5	0.9986	0.9984	0.9997	0.9994	0.9978	0.9975	0.9977	0.9963
8.6	0.9991	0.9988	0.9998	0.9996	0.9981	0.9982	0.9979	0.9972
8.7	0.9995	0.9994	0.9998	0.9997	0.9989	0.9989	0.9987	0.9980
8.8	0.9988	0.9984	0.9996	0.9997	0.9969	0.9970	0.9967	0.9952
8.9	0.9972	0.9963	0.9996	0.9996	0.9941	0.9943	0.9938	0.9923
9.0	0.9951	0.9934	0.9991	0.9996	0.9903	0.9901	0.9896	0.9871
9.1	0.9970	0.9960	0.9996	0.9996	0.9942	0.9942	0.9940	0.9922
9.2	0.9832	0.9761	0.9986	0.9987	0.9686	0.9678	0.9680	0.9616
9.3	0.9724	0.9621	0.9975	0.9989	0.9516	0.9509	0.9526	0.9432
9.4	0.9711	0.9603	0.9986	0.9992	0.9502	0.9482	0.9539	0.9391
9.5	0.9774	0.9643	0.9992	0.9995	0.9514	0.9488	0.9566	0.9362
9.6	0.9851	0.9729	0.9995	0.9995	0.9546	0.9490	0.9608	0.9232
9.7	0.9914	0.9818	0.9997	0.9995	0.9613	0.9595	0.9660	0.9030
9.8	0.9968	0.9938	0.9997	0.9997	0.9848	0.9831	0.9850	0.9562
9.9	0.9982	0.9966	0.9998	0.9997	0.9923	0.9926	0.9918	0.9784
10.0	0.9988	0.9980	0.9998	0.9997	0.9960	0.9958	0.9945	0.9893
10.1	0.9984	0.9977	0.9997	0.9995	0.9960	0.9947	0.9941	0.9864
10.2	0.9983	0.9976	0.9995	0.9994	0.9966	0.9958	0.9955	0.9881
10.3	0.9992	0.9991	0.9997	0.9995	0.9982	0.9980	0.9972	0.9940
10.4	0.9993	0.9994	0.9996	0.9995	0.9987	0.9987	0.9978	0.9955
10.5	0.9994	0.9994	0.9996	0.9996	0.9988	0.9988	0.9980	0.9960
10.6	0.9991	0.9990	0.9993	0.9994	0.9981	0.9981	0.9973	0.9928
10.7	0.9988	0.9986	0.9993	0.9992	0.9980	0.9979	0.9973	0.9932
10.8	0.9988	0.9988	0.9994	0.9993	0.9982	0.9980	0.9978	0.9954
10.9	0.9991	0.9990	0.9993	0.9991	0.9988	0.9986	0.9978	0.9969
11.0	0.9984	0.9982	0.9987	0.9985	0.9980	0.9980	0.9968	0.9943
11.1	0.9986	0.9984	0.9993	0.9993	0.9981	0.9979	0.9976	0.9951
11.2	0.9985	0.9984	0.9991	0.9991	0.9983	0.9978	0.9975	0.9953
11.3	0.9975	0.9974	0.9985	0.9984	0.9976	0.9969	0.9971	0.9942
11.4	0.9980	0.9978	0.9985	0.9984	0.9979	0.9976	0.9970	0.9952
11.5	0.9987	0.9987	0.9987	0.9986	0.9985	0.9981	0.9978	0.9955
11.6	0.9977	0.9976	0.9984	0.9983	0.9972	0.9968	0.9963	0.9944
11.7	0.9979	0.9976	0.9983	0.9982	0.9977	0.9976	0.9955	0.9967
11.8	0.9979	0.9977	0.9983	0.9983	0.9979	0.9978	0.9945	0.9969
11.9	0.9991	0.9989	0.9988	0.9988	0.9988	0.9988	0.9969	0.9982
12.0	0.9983	0.9981	0.9972	0.9972	0.9981	0.9980	0.9962	0.9979
12.1	0.9980	0.9979	0.9966	0.9965	0.9980	0.9974	0.9960	0.9972
12.2	0.9985	0.9985	0.9975	0.9975	0.9985	0.9984	0.9974	0.9978
12.3	0.9984	0.9982	0.9972	0.9972	0.9983	0.9981	0.9974	0.9980
12.4	0.9973	0.9970	0.9957	0.9956	0.9970	0.9970	0.9963	0.9967
12.5	0.9964	0.9962	0.9947	0.9947	0.9961	0.9961	0.9951	0.9956
12.6	0.9968	0.9968	0.9954	0.9954	0.9966	0.9966	0.9968	0.9954
12.7	0.9966	0.9964	0.9948	0.9947	0.9963	0.9961	0.9962	0.9953
12.8	0.9956	0.9957	0.9944	0.9941	0.9956	0.9950	0.9953	0.9941
12.9	0.9933	0.9932	0.9929	0.9929	0.9937	0.9926	0.9938	0.9910
13.0	0.9912	0.9909	0.9886	0.9887	0.9912	0.9908	0.9915	0.9904
13.1	0.9881	0.9877	0.9846	0.9846	0.9881	0.9880	0.9889	0.9865
13.2	0.9877	0.9876	0.9800	0.9798	0.9879	0.9879	0.9877	0.9870
13.3	0.9862	0.9861	0.9720	0.9720	0.9859	0.9863	0.9856	0.9858
13.4	0.9712	0.9701	0.9392	0.9390	0.9709	0.9713	0.9724	0.9683
13.5	0.9801	0.9793	0.9532	0.9530	0.9794	0.9812	0.9805	0.9776
13.6	0.9786	0.9768	0.9459	0.9461	0.9779	0.9795	0.9782	0.9752
13.7	0.9830	0.9815	0.9421	0.9422	0.9820	0.9836	0.9815	0.9802
13.8	0.9866	0.9850	0.9605	0.9607	0.9860	0.9870	0.9819	0.9875
13.9	0.9810	0.9798	0.9737	0.9736	0.9810	0.9810	0.9741	0.9854
14.0	0.9822	0.9812	0.9838	0.9840	0.9819	0.9827	0.9788	0.9846
14.1	0.9556	0.9539	0.9769	0.9771	0.9554	0.9565	0.9506	0.9599
14.2	0.9562	0.9554	0.9792	0.9794	0.9562	0.9563	0.9529	0.9585
14.3	0.9316	0.9310	0.9645	0.9650	0.9316	0.9314	0.9282	0.9340
14.4	0.9205	0.9202	0.9590	0.9597	0.9198	0.9195	0.9169	0.9215
14.5	0.9561	0.9560	0.9711	0.9726	0.9558	0.9552	0.9542	0.9563
14.6	0.9638	0.9631	0.9810	0.9831	0.9625	0.9620	0.9610	0.9626
14.7	0.9781	0.9778	0.9935	0.9935	0.9772	0.9770	0.9762	0.9770
14.8	0.9746	0.9744	0.9959	0.9955	0.9739	0.9735	0.9731	0.9732
14.9	0.9863	0.9863	0.9988	0.9989	0.9860	0.9855	0.9846	0.9862
15.0	0.9901	0.9902	0.9985	0.9989	0.9898	0.9897	0.9895	0.9894
15.1	0.9916	0.9919	0.9976	0.9981	0.9914	0.9914	0.9918	0.9909
15.2	0.9927	0.9931	0.9973	0.9980	0.9926	0.9925	0.9923	0.9926
15.3	0.9953	0.9956	0.9979	0.9982	0.9952	0.9952	0.9951	0.9950
15.4	0.9938	0.9943	0.9970	0.9974	0.9939	0.9938	0.9935	0.9937
15.5	0.9952	0.9956	0.9977	0.9981	0.9952	0.9951	0.9951	0.9950
15.6	0.9962	0.9965	0.9981	0.9983	0.9959	0.9959	0.9957	0.9955
15.7	0.9965	0.9968	0.9980	0.9983	0.9964	0.9965	0.9962	0.9965
15.8	0.9969	0.9971	0.9984	0.9986	0.9967	0.9968	0.9966	0.9966
15.9	0.9970	0.9972	0.9983	0.9985	0.9968	0.9968	0.9964	0.9966
16.0	0.9978	0.9979	0.9987	0.9987	0.9975	0.9975	0.9971	0.9973
16.1	0.9980	0.9981	0.9987	0.9988	0.9976	0.9976	0.9972	0.9973
16.2	0.9979	0.9981	0.9988	0.9990	0.9975	0.9974	0.9969	0.9972
16.3	0.9976	0.9978	0.9988	0.9989	0.9973	0.9972	0.9968	0.9971
16.4	0.9981	0.9983	0.9991	0.9992	0.9981	0.9981	0.9978	0.9980
16.5	0.9976	0.9979	0.9990	0.9990	0.9975	0.9975	0.9973	0.9971

16.6	0.9982	0.9983	0.9993	0.9993	0.9981	0.9981	0.9980	0.9975
16.7	0.9979	0.9979	0.9990	0.9989	0.9973	0.9973	0.9968	0.9963
16.8	0.9978	0.9979	0.9983	0.9983	0.9969	0.9971	0.9962	0.9960
16.9	0.9983	0.9985	0.9987	0.9987	0.9980	0.9979	0.9975	0.9971
17.0	0.9985	0.9986	0.9993	0.9993	0.9982	0.9983	0.9979	0.9976
17.1	0.9978	0.9983	0.9991	0.9991	0.9974	0.9976	0.9967	0.9965
17.2	0.9984	0.9986	0.9989	0.9991	0.9976	0.9978	0.9966	0.9971
17.3	0.9982	0.9984	0.9989	0.9989	0.9971	0.9973	0.9961	0.9964
17.4	0.9988	0.9987	0.9991	0.9991	0.9980	0.9979	0.9962	0.9968
17.5	0.9986	0.9987	0.9991	0.9991	0.9974	0.9976	0.9960	0.9963
17.6	0.9984	0.9985	0.9989	0.9990	0.9966	0.9970	0.9952	0.9954
17.7	0.9969	0.9971	0.9981	0.9982	0.9941	0.9946	0.9915	0.9927
17.8	0.9978	0.9977	0.9988	0.9988	0.9946	0.9953	0.9922	0.9929
17.9	0.9979	0.9977	0.9986	0.9986	0.9936	0.9949	0.9907	0.9909
18.0	0.9985	0.9981	0.9988	0.9988	0.9947	0.9961	0.9932	0.9915
18.1	0.9981	0.9978	0.9988	0.9988	0.9942	0.9951	0.9915	0.9898
18.2	0.9979	0.9975	0.9985	0.9985	0.9936	0.9951	0.9903	0.9894
18.3	0.9966	0.9962	0.9974	0.9979	0.9908	0.9935	0.9842	0.9866
18.4	0.9962	0.9960	0.9969	0.9974	0.9891	0.9933	0.9843	0.9839
18.5	0.9972	0.9977	0.9973	0.9980	0.9930	0.9943	0.9887	0.9895
18.6	0.9980	0.9982	0.9980	0.9987	0.9957	0.9968	0.9929	0.9918
18.7	0.9966	0.9964	0.9977	0.9979	0.9909	0.9934	0.9837	0.9876
18.8	0.9972	0.9974	0.9980	0.9979	0.9915	0.9940	0.9869	0.9870
18.9	0.9962	0.9966	0.9965	0.9973	0.9884	0.9923	0.9828	0.9812
19.0	0.9955	0.9954	0.9958	0.9966	0.9844	0.9901	0.9751	0.9749
19.1	0.9953	0.9949	0.9959	0.9964	0.9835	0.9893	0.9723	0.9683
19.2	0.9955	0.9948	0.9964	0.9964	0.9812	0.9872	0.9618	0.9634
19.3	0.9940	0.9950	0.9956	0.9970	0.9783	0.9866	0.9597	0.9565
19.4	0.9958	0.9956	0.9969	0.9972	0.9808	0.9880	0.9604	0.9558
19.5	0.9965	0.9961	0.9970	0.9972	0.9823	0.9869	0.9610	0.9545
19.6	0.9966	0.9964	0.9964	0.9972	0.9844	0.9873	0.9593	0.9516
19.7	0.9930	0.9943	0.9941	0.9956	0.9691	0.9782	0.9181	0.9247
19.8	0.9928	0.9938	0.9930	0.9948	0.9600	0.9756	0.8991	0.8813
19.9	0.9939	0.9951	0.9941	0.9969	0.9650	0.9798	0.8899	0.8654
20.0	0.9923	0.9927	0.9920	0.9955	0.9460	0.9696	0.8358	0.8216
20.1	0.9917	0.9915	0.9920	0.9947	0.9316	0.9515	0.6758	0.7966
20.2	0.9928	0.9931	0.9943	0.9954	0.9425	0.9605	0.5736	0.7421
20.3	0.9918	0.9926	0.9922	0.9944	0.9139	0.9511	0.4123	0.6345
20.4	0.9905	0.9914	0.9904	0.9928	0.8584	0.9224	0.0491	0.3291
20.5	0.9907	0.9925	0.9928	0.9936	0.8224	0.8899	0.0881	0.1507
20.6	0.9894	0.9910	0.9907	0.9926	0.7888	0.8955	0.2393	0.0581
20.7	0.9888	0.9895	0.9873	0.9901	0.6307	0.8265	0.5365	0.0640
20.8	0.9890	0.9904	0.9857	0.9888	0.4794	0.7159	0.6201	0.2715
20.9	0.9866	0.9870	0.9829	0.9862	0.2933	0.4787	0.6408	0.3622
21.0	0.9882	0.9861	0.9849	0.9858	0.1513	0.2930	0.8038	0.3642
21.1	0.9852	0.9849	0.9830	0.9846	0.2000	0.2609	0.8829	0.5043
21.2	0.9852	0.9840	0.9821	0.9839	0.4858	0.4835	0.8782	0.6754
21.3	0.9841	0.9846	0.9831	0.9837	0.5951	0.5779	0.8823	0.7435
21.4	0.9888	0.9865	0.9846	0.9848	0.7144	0.7015	0.9028	0.8146
21.5	0.9852	0.9848	0.9796	0.9816	0.8072	0.8066	0.9271	0.8623
21.6	0.9798	0.9816	0.9717	0.9799	0.8464	0.8655	0.9420	0.8746
21.7	0.9785	0.9781	0.9703	0.9760	0.8828	0.8791	0.9345	0.9180
21.8	0.9764	0.9733	0.9617	0.9689	0.9123	0.9204	0.9388	0.9419
21.9	0.9727	0.9789	0.9664	0.9720	0.9364	0.9509	0.9613	0.9587
22.0	0.9582	0.9691	0.9435	0.9548	0.9273	0.9531	0.9477	0.9500
22.1	0.9591	0.9564	0.9215	0.9428	0.9503	0.9567	0.9629	0.9523
22.2	0.9565	0.9645	0.9301	0.9505	0.9700	0.9640	0.9726	0.9588
22.3	0.9468	0.9701	0.9362	0.9502	0.9637	0.9676	0.9781	0.9701
22.4	0.9546	0.9667	0.9168	0.9438	0.9677	0.9818	0.9799	0.9759
22.5	0.9310	0.9494	0.9139	0.9418	0.9671	0.9752	0.9779	0.9750
22.6	0.8844	0.9181	0.8875	0.9140	0.9661	0.9779	0.9783	0.9730
22.7	0.9183	0.9523	0.9372	0.9555	0.9844	0.9903	0.9894	0.9852
22.8	0.9038	0.9597	0.9462	0.9551	0.9852	0.9888	0.9882	0.9858
22.9	0.8585	0.9356	0.9420	0.9400	0.9826	0.9871	0.9881	0.9859
23.0	0.8369	0.9261	0.9461	0.9524	0.9825	0.9873	0.9882	0.9880
23.1	0.7313	0.9013	0.9282	0.9468	0.9812	0.9866	0.9862	0.9867
23.2	0.5969	0.8864	0.9236	0.9343	0.9847	0.9874	0.9855	0.9850
23.3	0.2929	0.8187	0.8736	0.9142	0.9849	0.9870	0.9873	0.9817
23.4	0.2780	0.7439	0.8767	0.9084	0.9829	0.9888	0.9854	0.9880
23.5	0.3191	0.6363	0.8613	0.9031	0.9840	0.9895	0.9852	0.9881
23.6	0.2474	0.5980	0.8087	0.8704	0.9865	0.9899	0.9884	0.9868
23.7	0.4459	0.4763	0.8164	0.8384	0.9907	0.9910	0.9919	0.9910
23.8	0.6342	0.4997	0.7442	0.7436	0.9868	0.9914	0.9919	0.9881
23.9	0.7368	0.5414	0.7111	0.6598	0.9885	0.9944	0.9919	0.9901
24.0	0.8040	0.5522	0.8187	0.6954	0.9897	0.9928	0.9912	0.9896
24.1	0.8580	0.6150	0.7653	0.6084	0.9899	0.9930	0.9920	0.9909
24.2	0.8456	0.5995	0.7702	0.5889	0.9911	0.9940	0.9915	0.9886
24.3	0.8617	0.6512	0.8492	0.7330	0.9888	0.9927	0.9901	0.9879
24.4	0.9048	0.7637	0.8805	0.7546	0.9903	0.9952	0.9920	0.9902
24.5	0.9172	0.8519	0.9039	0.7945	0.9941	0.9960	0.9943	0.9935
24.6	0.9414	0.8678	0.9328	0.8667	0.9943	0.9963	0.9940	0.9927
24.7	0.9498	0.8998	0.9447	0.8911	0.9945	0.9960	0.9927	0.9940
24.8	0.9707	0.9243	0.9559	0.9216	0.9959	0.9967	0.9950	0.9930
24.9	0.9540	0.9163	0.9524	0.9197	0.9948	0.9949	0.9956	0.9924
25.0	0.9504	0.9205	0.9599	0.9231	0.9943	0.9952	0.9945	0.9932
25.1	0.9717	0.9501	0.9792	0.9608	0.9955	0.9972	0.9962	0.9961

25.2	0.9752	0.9636	0.9805	0.9637	0.9960	0.9962	0.9962	0.9953
25.3	0.9741	0.9671	0.9763	0.9634	0.9961	0.9963	0.9960	0.9947
25.4	0.9765	0.9692	0.9838	0.9716	0.9964	0.9968	0.9955	0.9959
25.5	0.9712	0.9571	0.9796	0.9673	0.9936	0.9952	0.9943	0.9937
25.6	0.9774	0.9589	0.9840	0.9740	0.9940	0.9963	0.9955	0.9929
25.7	0.9828	0.9702	0.9872	0.9792	0.9963	0.9968	0.9948	0.9926
25.8	0.9865	0.9781	0.9895	0.9786	0.9969	0.9977	0.9968	0.9954
25.9	0.9887	0.9797	0.9903	0.9776	0.9970	0.9969	0.9968	0.9960
26.0	0.9881	0.9841	0.9909	0.9837	0.9969	0.9979	0.9969	0.9957
26.1	0.9864	0.9817	0.9892	0.9846	0.9968	0.9976	0.9969	0.9953
26.2	0.9857	0.9797	0.9877	0.9829	0.9963	0.9973	0.9967	0.9942
26.3	0.9890	0.9795	0.9911	0.9860	0.9967	0.9974	0.9969	0.9958
26.4	0.9910	0.9823	0.9929	0.9882	0.9967	0.9979	0.9971	0.9958
26.5	0.9902	0.9809	0.9937	0.9897	0.9969	0.9978	0.9973	0.9963
26.6	0.9910	0.9844	0.9953	0.9921	0.9977	0.9983	0.9975	0.9976
26.7	0.9898	0.9825	0.9929	0.9866	0.9964	0.9974	0.9965	0.9961
26.8	0.9919	0.9851	0.9918	0.9860	0.9974	0.9981	0.9975	0.9968
26.9	0.9946	0.9887	0.9925	0.9883	0.9975	0.9986	0.9979	0.9966
27.0	0.9933	0.9884	0.9910	0.9865	0.9973	0.9979	0.9976	0.9962
27.1	0.9919	0.9838	0.9897	0.9861	0.9972	0.9977	0.9967	0.9949
27.2	0.9943	0.9872	0.9896	0.9876	0.9979	0.9981	0.9973	0.9963
27.3	0.9934	0.9899	0.9911	0.9882	0.9979	0.9980	0.9970	0.9971
27.4	0.9925	0.9896	0.9919	0.9878	0.9976	0.9981	0.9976	0.9971
27.5	0.9932	0.9906	0.9914	0.9864	0.9976	0.9982	0.9972	0.9972
27.6	0.9946	0.9935	0.9907	0.9872	0.9984	0.9986	0.9973	0.9979
27.7	0.9936	0.9898	0.9896	0.9858	0.9980	0.9984	0.9972	0.9979
27.8	0.9928	0.9879	0.9840	0.9802	0.9971	0.9984	0.9972	0.9978
27.9	0.9939	0.9878	0.9772	0.9727	0.9976	0.9986	0.9967	0.9973
28.0	0.9948	0.9901	0.9842	0.9795	0.9986	0.9985	0.9975	0.9980
28.1	0.9944	0.9908	0.9865	0.9799	0.9984	0.9986	0.9976	0.9982
28.2	0.9944	0.9906	0.9856	0.9779	0.9982	0.9982	0.9973	0.9978
28.3	0.9934	0.9923	0.9859	0.9749	0.9981	0.9981	0.9973	0.9979
28.4	0.9929	0.9915	0.9873	0.9733	0.9975	0.9983	0.9977	0.9976
28.5	0.9923	0.9899	0.9855	0.9656	0.9970	0.9977	0.9968	0.9971
28.6	0.9919	0.9889	0.9850	0.9702	0.9976	0.9977	0.9969	0.9977
28.7	0.9922	0.9899	0.9920	0.9753	0.9975	0.9979	0.9966	0.9973
28.8	0.9924	0.9918	0.9928	0.9805	0.9975	0.9976	0.9967	0.9970
28.9	0.9918	0.9915	0.9914	0.9865	0.9975	0.9977	0.9966	0.9976
29.0	0.9919	0.9908	0.9881	0.9771	0.9974	0.9974	0.9967	0.9974
29.1	0.9950	0.9913	0.9938	0.9803	0.9980	0.9981	0.9972	0.9979
29.2	0.9914	0.9874	0.9920	0.9741	0.9965	0.9965	0.9960	0.9962
29.3	0.9894	0.9904	0.9935	0.9800	0.9966	0.9974	0.9963	0.9960
29.4	0.9855	0.9889	0.9926	0.9823	0.9949	0.9958	0.9921	0.9957
29.5	0.9889	0.9877	0.9947	0.9842	0.9957	0.9966	0.9931	0.9958
29.6	0.9923	0.9903	0.9952	0.9898	0.9971	0.9974	0.9958	0.9972
29.7	0.9910	0.9894	0.9946	0.9908	0.9963	0.9970	0.9944	0.9972
29.8	0.9916	0.9895	0.9952	0.9911	0.9962	0.9972	0.9950	0.9970
29.9	0.9883	0.9870	0.9954	0.9906	0.9954	0.9968	0.9941	0.9965
30.0	0.9886	0.9846	0.9940	0.9896	0.9939	0.9957	0.9917	0.9955
30.1	0.9910	0.9901	0.9957	0.9913	0.9956	0.9966	0.9933	0.9971
30.2	0.9921	0.9909	0.9944	0.9901	0.9963	0.9975	0.9947	0.9970
30.3	0.9923	0.9899	0.9948	0.9908	0.9968	0.9976	0.9952	0.9971
30.4	0.9925	0.9929	0.9951	0.9913	0.9978	0.9978	0.9968	0.9972
30.5	0.9937	0.9946	0.9962	0.9940	0.9980	0.9977	0.9967	0.9977
30.6	0.9928	0.9925	0.9944	0.9884	0.9977	0.9971	0.9950	0.9972
30.7	0.9901	0.9913	0.9931	0.9871	0.9971	0.9969	0.9945	0.9961
30.8	0.9914	0.9928	0.9924	0.9903	0.9975	0.9973	0.9955	0.9966
30.9	0.9902	0.9924	0.9933	0.9929	0.9973	0.9969	0.9956	0.9965
31.0	0.9882	0.9904	0.9931	0.9909	0.9969	0.9960	0.9933	0.9959
31.1	0.9875	0.9909	0.9937	0.9904	0.9974	0.9961	0.9944	0.9962
31.2	0.9844	0.9904	0.9937	0.9913	0.9973	0.9956	0.9937	0.9958
31.3	0.9841	0.9909	0.9931	0.9910	0.9967	0.9953	0.9931	0.9953
31.4	0.9857	0.9893	0.9902	0.9875	0.9965	0.9947	0.9944	0.9951
31.5	0.9849	0.9904	0.9922	0.9889	0.9970	0.9952	0.9936	0.9954
31.6	0.9833	0.9884	0.9898	0.9871	0.9954	0.9926	0.9908	0.9939
31.7	0.9825	0.9894	0.9897	0.9880	0.9949	0.9921	0.9909	0.9939
31.8	0.9859	0.9912	0.9905	0.9900	0.9958	0.9938	0.9933	0.9943
31.9	0.9835	0.9877	0.9824	0.9780	0.9943	0.9921	0.9922	0.9916
32.0	0.9833	0.9875	0.9814	0.9760	0.9948	0.9931	0.9932	0.9919
32.1	0.9804	0.9851	0.9788	0.9766	0.9919	0.9893	0.9885	0.9903
32.2	0.9894	0.9882	0.9872	0.9849	0.9951	0.9931	0.9945	0.9930
32.3	0.9830	0.9811	0.9820	0.9774	0.9923	0.9898	0.9912	0.9893
32.4	0.9841	0.9822	0.9816	0.9773	0.9925	0.9906	0.9909	0.9895
32.5	0.9852	0.9850	0.9817	0.9788	0.9930	0.9906	0.9902	0.9915
32.6	0.9826	0.9819	0.9779	0.9750	0.9911	0.9891	0.9896	0.9884
32.7	0.9830	0.9819	0.9743	0.9702	0.9907	0.9888	0.9886	0.9887
32.8	0.9827	0.9810	0.9723	0.9685	0.9892	0.9874	0.9876	0.9871
32.9	0.9841	0.9791	0.9724	0.9658	0.9893	0.9875	0.9885	0.9867
33.0	0.9844	0.9777	0.9701	0.9650	0.9900	0.9875	0.9880	0.9875
33.1	0.9822	0.9743	0.9627	0.9594	0.9878	0.9855	0.9848	0.9858
33.2	0.9816	0.9687	0.9549	0.9517	0.9876	0.9845	0.9845	0.9862
33.3	0.9861	0.9757	0.9656	0.9626	0.9894	0.9875	0.9878	0.9884
33.4	0.9833	0.9669	0.9384	0.9295	0.9859	0.9829	0.9834	0.9852
33.5	0.9849	0.9677	0.9462	0.9310	0.9868	0.9838	0.9834	0.9871
33.6	0.9806	0.9582	0.9365	0.9046	0.9836	0.9803	0.9789	0.9844
33.7	0.9850	0.9653	0.9474	0.9079	0.9870	0.9849	0.9846	0.9876

33.8	0.9835	0.9595	0.9460	0.8842	0.9846	0.9822	0.9830	0.9842
33.9	0.9795	0.9458	0.9293	0.8301	0.9801	0.9767	0.9782	0.9787
34.0	0.9781	0.9517	0.9390	0.8433	0.9790	0.9768	0.9777	0.9774
34.1	0.9872	0.9709	0.9731	0.9161	0.9887	0.9872	0.9882	0.9871
34.2	0.9765	0.9588	0.9589	0.8983	0.9764	0.9753	0.9755	0.9746
34.3	0.9672	0.9496	0.9580	0.9112	0.9668	0.9651	0.9647	0.9650
34.4	0.9748	0.9583	0.9690	0.9328	0.9742	0.9729	0.9733	0.9730
34.5	0.9690	0.9522	0.9702	0.9425	0.9704	0.9695	0.9667	0.9711
34.6	0.9535	0.9283	0.9560	0.9243	0.9525	0.9521	0.9481	0.9543
34.7	0.9472	0.9096	0.9539	0.9255	0.9431	0.9422	0.9346	0.9471
34.8	0.9757	0.9528	0.9808	0.9671	0.9733	0.9727	0.9668	0.9761
34.9	0.9765	0.9435	0.9812	0.9673	0.9726	0.9718	0.9636	0.9762
35.0	0.9729	0.9207	0.9745	0.9596	0.9650	0.9649	0.9558	0.9697
35.1	0.9659	0.8915	0.9724	0.9569	0.9557	0.9556	0.9416	0.9625
35.2	0.9634	0.8561	0.9675	0.9467	0.9464	0.9463	0.9291	0.9551
35.3	0.9649	0.8366	0.9742	0.9606	0.9476	0.9485	0.9189	0.9582
35.4	0.9557	0.8091	0.9691	0.9415	0.9268	0.9284	0.8727	0.9483
35.5	0.9441	0.8122	0.9648	0.9314	0.8975	0.8997	0.8224	0.9318
35.6	0.9446	0.8339	0.9669	0.9340	0.8995	0.8999	0.8150	0.9338
35.7	0.9182	0.8157	0.9527	0.9049	0.8616	0.8657	0.7708	0.8993
35.8	0.9135	0.8747	0.9555	0.8799	0.8776	0.8800	0.8345	0.8929
35.9	0.9195	0.9049	0.9492	0.8645	0.8943	0.9013	0.8812	0.9023
36.0	0.9315	0.9484	0.9701	0.8928	0.9261	0.9353	0.9144	0.9349
36.1	0.8988	0.9348	0.9540	0.7843	0.9090	0.9166	0.8905	0.9169
36.2	0.9324	0.9503	0.9447	0.6011	0.9406	0.9442	0.9270	0.9453
36.3	0.9628	0.9729	0.9525	0.5994	0.9660	0.9700	0.9591	0.9684
36.4	0.9709	0.9794	0.9592	0.5960	0.9753	0.9777	0.9717	0.9750
36.5	0.9653	0.9786	0.9456	0.4025	0.9705	0.9724	0.9722	0.9664
36.6	0.9692	0.9791	0.9365	0.2695	0.9734	0.9748	0.9665	0.9738
36.7	0.9791	0.9843	0.9479	0.3506	0.9813	0.9825	0.9734	0.9809
36.8	0.9758	0.9822	0.9222	0.4470	0.9796	0.9801	0.9766	0.9758
36.9	0.9827	0.9865	0.9061	0.6451	0.9832	0.9845	0.9805	0.9820
37.0	0.9859	0.9864	0.9138	0.7794	0.9844	0.9863	0.9815	0.9844
37.1	0.9883	0.9892	0.9377	0.8339	0.9885	0.9890	0.9859	0.9871
37.2	0.9894	0.9902	0.9349	0.8562	0.9915	0.9920	0.9881	0.9886
37.3	0.9885	0.9890	0.9206	0.8708	0.9889	0.9903	0.9840	0.9874
37.4	0.9862	0.9853	0.8905	0.8541	0.9864	0.9872	0.9783	0.9850
37.5	0.9872	0.9869	0.9063	0.9052	0.9909	0.9909	0.9821	0.9902
37.6	0.9841	0.9894	0.9181	0.9169	0.9885	0.9890	0.9830	0.9860
37.7	0.9869	0.9903	0.9408	0.9357	0.9882	0.9898	0.9829	0.9882
37.8	0.9856	0.9902	0.9492	0.9386	0.9900	0.9910	0.9860	0.9898
37.9	0.9861	0.9893	0.9482	0.9332	0.9872	0.9876	0.9865	0.9821
38.0	0.9891	0.9908	0.9511	0.9368	0.9902	0.9904	0.9890	0.9861
38.1	0.9853	0.9889	0.9540	0.9324	0.9895	0.9894	0.9877	0.9825
38.2	0.9875	0.9875	0.9542	0.9492	0.9899	0.9901	0.9857	0.9851
38.3	0.9893	0.9895	0.9665	0.9585	0.9920	0.9927	0.9895	0.9868
38.4	0.9918	0.9922	0.9805	0.9741	0.9947	0.9948	0.9931	0.9916
38.5	0.9918	0.9914	0.9707	0.9716	0.9931	0.9934	0.9907	0.9905
38.6	0.9910	0.9902	0.9679	0.9687	0.9902	0.9903	0.9877	0.9849
38.7	0.9922	0.9896	0.9760	0.9682	0.9916	0.9920	0.9872	0.9898
38.8	0.9913	0.9911	0.9752	0.9610	0.9924	0.9929	0.9883	0.9914
38.9	0.9867	0.9870	0.9773	0.9603	0.9919	0.9924	0.9900	0.9899
39.0	0.9867	0.9874	0.9816	0.9697	0.9938	0.9942	0.9918	0.9919
39.1	0.9905	0.9880	0.9832	0.9759	0.9934	0.9938	0.9923	0.9919
39.2	0.9888	0.9861	0.9814	0.9688	0.9918	0.9924	0.9886	0.9906
39.3	0.9884	0.9867	0.9824	0.9697	0.9931	0.9932	0.9897	0.9928
39.4	0.9903	0.9886	0.9784	0.9736	0.9939	0.9938	0.9917	0.9933
39.5	0.9843	0.9871	0.9715	0.9753	0.9932	0.9932	0.9907	0.9914
39.6	0.9817	0.9883	0.9682	0.9780	0.9946	0.9948	0.9935	0.9918
39.7	0.9825	0.9877	0.9699	0.9781	0.9952	0.9951	0.9938	0.9936
39.8	0.9821	0.9843	0.9624	0.9789	0.9943	0.9938	0.9929	0.9922
39.9	0.9797	0.9853	0.9611	0.9798	0.9946	0.9943	0.9939	0.9920
40.0	0.9727	0.9830	0.9590	0.9765	0.9944	0.9940	0.9915	0.9934
40.1	0.9727	0.9838	0.9537	0.9795	0.9949	0.9948	0.9916	0.9950
40.2	0.9714	0.9835	0.9559	0.9712	0.9947	0.9949	0.9931	0.9926
40.3	0.9646	0.9859	0.9375	0.9729	0.9947	0.9947	0.9938	0.9932
40.4	0.9664	0.9858	0.9318	0.9753	0.9950	0.9949	0.9941	0.9936
40.5	0.9596	0.9856	0.9260	0.9738	0.9955	0.9950	0.9933	0.9953
40.6	0.9530	0.9794	0.8990	0.9684	0.9926	0.9921	0.9887	0.9927
40.7	0.9517	0.9793	0.8588	0.9631	0.9921	0.9917	0.9896	0.9912
40.8	0.9507	0.9814	0.8228	0.9655	0.9927	0.9921	0.9891	0.9922
40.9	0.9624	0.9829	0.7983	0.9708	0.9927	0.9925	0.9902	0.9910
41.0	0.9608	0.9820	0.7490	0.9760	0.9946	0.9937	0.9933	0.9930
41.1	0.9524	0.9816	0.6579	0.9752	0.9935	0.9932	0.9919	0.9915
41.2	0.9586	0.9812	0.5660	0.9733	0.9897	0.9904	0.9878	0.9894
41.3	0.9544	0.9755	0.5791	0.9725	0.9904	0.9903	0.9871	0.9895
41.4	0.9511	0.9758	0.3998	0.9713	0.9909	0.9910	0.9887	0.9900
41.5	0.9589	0.9795	0.2611	0.9714	0.9935	0.9938	0.9923	0.9934
41.6	0.9485	0.9778	0.0967	0.9661	0.9915	0.9918	0.9892	0.9900
41.7	0.9542	0.9834	0.0400	0.9665	0.9904	0.9899	0.9858	0.9903
41.8	0.9606	0.9837	0.0480	0.9679	0.9914	0.9912	0.9897	0.9878
41.9	0.9601	0.9808	0.0378	0.9718	0.9900	0.9898	0.9895	0.9860
42.0	0.9571	0.9785	0.0149	0.9794	0.9896	0.9903	0.9879	0.9878
42.1	0.9548	0.9777	0.0699	0.9694	0.9878	0.9882	0.9866	0.9865
42.2	0.9585	0.9767	0.3135	0.9723	0.9882	0.9883	0.9859	0.9856
42.3	0.9672	0.9811	0.3902	0.9753	0.9887	0.9886	0.9848	0.9880

42.4	0.9742	0.9828	0.4371	0.9737	0.9892	0.9904	0.9833	0.9903
42.5	0.9647	0.9860	0.4474	0.9755	0.9887	0.9902	0.9854	0.9873
42.6	0.9614	0.9847	0.5052	0.9790	0.9875	0.9899	0.9814	0.9890
42.7	0.9764	0.9881	0.7216	0.9820	0.9910	0.9927	0.9885	0.9920
42.8	0.9826	0.9867	0.7834	0.9831	0.9912	0.9920	0.9927	0.9889
42.9	0.9827	0.9849	0.7932	0.9817	0.9907	0.9909	0.9922	0.9872
43.0	0.9805	0.9869	0.7965	0.9785	0.9907	0.9908	0.9885	0.9887
43.1	0.9779	0.9897	0.8235	0.9777	0.9912	0.9927	0.9908	0.9895
43.2	0.9751	0.9904	0.8422	0.9777	0.9947	0.9946	0.9923	0.9925
43.3	0.9786	0.9864	0.8720	0.9723	0.9902	0.9904	0.9849	0.9897
43.4	0.9840	0.9864	0.9048	0.9703	0.9920	0.9925	0.9881	0.9922
43.5	0.9837	0.9873	0.9412	0.9761	0.9928	0.9931	0.9893	0.9926
43.6	0.9821	0.9814	0.9344	0.9718	0.9927	0.9929	0.9909	0.9887
43.7	0.9818	0.9812	0.8977	0.9730	0.9941	0.9942	0.9920	0.9905
43.8	0.9877	0.9886	0.9230	0.9789	0.9936	0.9937	0.9906	0.9904
43.9	0.9878	0.9885	0.9512	0.9792	0.9920	0.9917	0.9900	0.9876
44.0	0.9837	0.9818	0.9420	0.9655	0.9890	0.9884	0.9872	0.9825
44.1	0.9862	0.9829	0.9669	0.9704	0.9921	0.9904	0.9913	0.9874
44.2	0.9863	0.9851	0.9468	0.9667	0.9894	0.9870	0.9861	0.9865
44.3	0.9868	0.9853	0.9388	0.9704	0.9909	0.9897	0.9886	0.9873
44.4	0.9888	0.9877	0.9030	0.9670	0.9926	0.9928	0.9888	0.9909
44.5	0.9906	0.9867	0.9003	0.9557	0.9910	0.9919	0.9876	0.9897
44.6	0.9901	0.9862	0.9298	0.9577	0.9856	0.9878	0.9857	0.9830
44.7	0.9873	0.9821	0.9412	0.9407	0.9846	0.9847	0.9844	0.9738
44.8	0.9881	0.9771	0.9402	0.9307	0.9811	0.9852	0.9816	0.9755
44.9	0.9900	0.9803	0.9653	0.9349	0.9775	0.9842	0.9826	0.9707
45.0	0.9910	0.9862	0.9708	0.9543	0.9813	0.9837	0.9871	0.9743
45.1	0.9913	0.9769	0.9553	0.9507	0.9771	0.9720	0.9739	0.9663
45.2	0.9884	0.9759	0.9643	0.9478	0.9668	0.9668	0.9645	0.9602
45.3	0.9890	0.9827	0.9375	0.9181	0.9702	0.9729	0.9759	0.9590
45.4	0.9891	0.9869	0.9241	0.9093	0.9778	0.9803	0.9866	0.9604
45.5	0.9872	0.9813	0.9465	0.9327	0.9732	0.9809	0.9824	0.9598
45.6	0.9913	0.9828	0.9638	0.9581	0.9735	0.9812	0.9848	0.9641
45.7	0.9884	0.9789	0.9512	0.9485	0.9728	0.9799	0.9812	0.9622
45.8	0.9851	0.9806	0.9542	0.9499	0.9712	0.9778	0.9753	0.9617
45.9	0.9905	0.9841	0.9374	0.9378	0.9715	0.9799	0.9637	0.9702
46.0	0.9892	0.9806	0.9250	0.9067	0.9692	0.9813	0.9568	0.9694
46.1	0.9852	0.9812	0.9233	0.8643	0.9460	0.9743	0.9516	0.9275
46.2	0.9883	0.9806	0.8913	0.8180	0.9529	0.9775	0.9657	0.9164
46.3	0.9867	0.9792	0.9080	0.7973	0.9739	0.9826	0.9665	0.9417
46.4	0.9887	0.9841	0.9237	0.8867	0.9718	0.9815	0.9398	0.9617
46.5	0.9917	0.9843	0.9060	0.8837	0.9614	0.9760	0.8863	0.9571
46.6	0.9908	0.9814	0.9032	0.8241	0.9607	0.9740	0.8695	0.9469
46.7	0.9919	0.9840	0.9142	0.8481	0.9694	0.9768	0.8890	0.9392
46.8	0.9939	0.9897	0.9492	0.8527	0.9808	0.9852	0.9053	0.9588
46.9	0.9945	0.9900	0.9578	0.8558	0.9758	0.9801	0.8648	0.9552
47.0	0.9941	0.9909	0.9381	0.8671	0.9673	0.9746	0.7456	0.9557
47.1	0.9945	0.9938	0.9572	0.7899	0.9772	0.9806	0.8057	0.9677
47.2	0.9943	0.9960	0.9697	0.8128	0.9812	0.9811	0.8962	0.9728
47.3	0.9927	0.9937	0.9690	0.8619	0.9826	0.9816	0.9265	0.9742
47.4	0.9905	0.9909	0.9657	0.8788	0.9806	0.9816	0.9248	0.9689
47.5	0.9935	0.9932	0.9675	0.9235	0.9849	0.9852	0.9455	0.9800
47.6	0.9942	0.9938	0.9643	0.9202	0.9841	0.9833	0.9224	0.9800
47.7	0.9935	0.9928	0.9388	0.7747	0.9733	0.9746	0.8714	0.9606
47.8	0.9933	0.9941	0.8888	0.5045	0.9781	0.9784	0.9009	0.9629
47.9	0.9933	0.9941	0.8822	0.4886	0.9829	0.9803	0.9284	0.9666
48.0	0.9943	0.9936	0.9414	0.7794	0.9851	0.9847	0.9542	0.9831
48.1	0.9929	0.9928	0.9600	0.7953	0.9865	0.9848	0.9721	0.9855
48.2	0.9946	0.9932	0.9660	0.8363	0.9914	0.9880	0.9826	0.9884
48.3	0.9945	0.9929	0.9657	0.8693	0.9914	0.9895	0.9820	0.9867
48.4	0.9920	0.9883	0.9457	0.7636	0.9883	0.9861	0.9790	0.9772
48.5	0.9885	0.9856	0.9406	0.7178	0.9879	0.9831	0.9734	0.9738
48.6	0.9900	0.9846	0.9547	0.7705	0.9884	0.9846	0.9766	0.9810
48.7	0.9902	0.9867	0.9499	0.8271	0.9891	0.9857	0.9840	0.9817
48.8	0.9914	0.9900	0.9513	0.7785	0.9916	0.9894	0.9881	0.9848
48.9	0.9923	0.9913	0.9313	0.2826	0.9929	0.9907	0.9887	0.9845
49.0	0.9917	0.9843	0.8953	0.3502	0.9919	0.9900	0.9878	0.9814
49.1	0.9886	0.9820	0.8938	0.4277	0.9917	0.9908	0.9873	0.9819
49.2	0.9792	0.9654	0.8402	0.4109	0.9852	0.9834	0.9776	0.9645
49.3	0.9826	0.9692	0.8948	0.5290	0.9867	0.9869	0.9813	0.9663
49.4	0.9855	0.9707	0.9099	0.5121	0.9885	0.9882	0.9850	0.9748
49.5	0.9929	0.9829	0.9174	0.4021	0.9920	0.9924	0.9897	0.9844
49.6	0.9869	0.9771	0.7607	0.4726	0.9888	0.9897	0.9827	0.9743
49.7	0.9405	0.9100	0.2254	0.2061	0.9638	0.9720	0.9124	0.8565
49.8	0.9256	0.8831	0.2312	0.0957	0.9541	0.9633	0.8934	0.8311
49.9	0.9771	0.9699	0.5907	0.1664	0.9862	0.9878	0.9757	0.9618
50.0	0.9825	0.9771	0.7749	0.4788	0.9902	0.9912	0.9843	0.9795
50.1	0.9787	0.9695	0.7903	0.5076	0.9876	0.9875	0.9843	0.9766
50.2	0.9836	0.9801	0.8647	0.4703	0.9892	0.9881	0.9862	0.9833
50.3	0.9891	0.9849	0.8937	0.6541	0.9924	0.9924	0.9898	0.9900
50.4	0.9898	0.9802	0.8618	0.7883	0.9948	0.9943	0.9928	0.9921
50.5	0.9871	0.9780	0.9226	0.8877	0.9931	0.9924	0.9906	0.9897
50.6	0.9840	0.9758	0.9154	0.9059	0.9911	0.9905	0.9879	0.9880
50.7	0.9897	0.9817	0.9253	0.9213	0.9930	0.9922	0.9917	0.9919
50.8	0.9922	0.9879	0.9558	0.9387	0.9953	0.9950	0.9942	0.9940
50.9	0.9895	0.9850	0.9432	0.9368	0.9925	0.9924	0.9916	0.9901

51.0	0.9892	0.9872	0.9197	0.9100	0.9923	0.9920	0.9900	0.9911
51.1	0.9919	0.9907	0.9415	0.9444	0.9929	0.9924	0.9920	0.9925
51.2	0.9904	0.9895	0.9330	0.9518	0.9920	0.9915	0.9914	0.9899
51.3	0.9923	0.9912	0.9380	0.9479	0.9942	0.9941	0.9932	0.9922
51.4	0.9868	0.9848	0.8678	0.8686	0.9928	0.9928	0.9901	0.9889
51.5	0.9896	0.9885	0.9007	0.9327	0.9932	0.9929	0.9909	0.9915
51.6	0.9915	0.9923	0.9427	0.9681	0.9938	0.9935	0.9931	0.9936
51.7	0.9948	0.9925	0.9709	0.9764	0.9948	0.9951	0.9942	0.9945
51.8	0.9953	0.9947	0.9682	0.9814	0.9958	0.9957	0.9956	0.9957
51.9	0.9937	0.9929	0.9587	0.9753	0.9940	0.9936	0.9928	0.9941
52.0	0.9946	0.9944	0.9754	0.9845	0.9950	0.9951	0.9944	0.9944
52.1	0.9941	0.9938	0.9852	0.9856	0.9948	0.9948	0.9946	0.9941
52.2	0.9954	0.9954	0.9660	0.9816	0.9956	0.9958	0.9954	0.9949
52.3	0.9965	0.9964	0.9508	0.9788	0.9966	0.9966	0.9961	0.9961
52.4	0.9933	0.9930	0.9619	0.9796	0.9936	0.9935	0.9920	0.9941
52.5	0.9938	0.9940	0.9626	0.9769	0.9945	0.9945	0.9928	0.9954
52.6	0.9947	0.9957	0.9603	0.9808	0.9957	0.9956	0.9948	0.9960
52.7	0.9963	0.9955	0.9401	0.9752	0.9964	0.9964	0.9960	0.9964
52.8	0.9956	0.9958	0.9645	0.9784	0.9970	0.9969	0.9962	0.9973
52.9	0.9947	0.9946	0.9754	0.9891	0.9961	0.9959	0.9953	0.9962
53.0	0.9933	0.9927	0.9797	0.9917	0.9945	0.9945	0.9942	0.9940
53.1	0.9938	0.9940	0.9787	0.9874	0.9958	0.9960	0.9948	0.9961
53.2	0.9959	0.9958	0.9730	0.9866	0.9974	0.9977	0.9968	0.9972
53.3	0.9950	0.9944	0.9588	0.9860	0.9971	0.9970	0.9947	0.9972
53.4	0.9944	0.9927	0.9651	0.9875	0.9957	0.9954	0.9924	0.9967
53.5	0.9951	0.9931	0.9668	0.9870	0.9958	0.9957	0.9948	0.9952
53.6	0.9946	0.9944	0.9402	0.9708	0.9968	0.9968	0.9962	0.9960
53.7	0.9961	0.9959	0.9617	0.9821	0.9974	0.9974	0.9972	0.9965
53.8	0.9944	0.9945	0.9653	0.9790	0.9964	0.9962	0.9954	0.9965
53.9	0.9948	0.9951	0.9895	0.9917	0.9968	0.9967	0.9957	0.9971
54.0	0.9947	0.9946	0.9834	0.9887	0.9971	0.9967	0.9958	0.9969
54.1	0.9954	0.9938	0.9493	0.9729	0.9964	0.9957	0.9949	0.9965
54.2	0.9934	0.9925	0.9363	0.9673	0.9950	0.9948	0.9944	0.9955
54.3	0.9929	0.9910	0.9635	0.9780	0.9956	0.9951	0.9937	0.9955
54.4	0.9933	0.9939	0.9746	0.9845	0.9967	0.9965	0.9959	0.9967
54.5	0.9928	0.9930	0.9647	0.9764	0.9965	0.9964	0.9961	0.9960
54.6	0.9917	0.9923	0.9207	0.9574	0.9960	0.9956	0.9951	0.9945
54.7	0.9909	0.9927	0.9170	0.9561	0.9960	0.9957	0.9950	0.9947
54.8	0.9917	0.9906	0.9318	0.9550	0.9963	0.9961	0.9950	0.9953
54.9	0.9955	0.9935	0.9714	0.9745	0.9976	0.9972	0.9970	0.9970
55.0	0.9956	0.9950	0.9770	0.9793	0.9975	0.9973	0.9966	0.9969
55.1	0.9927	0.9910	0.9595	0.9573	0.9965	0.9963	0.9953	0.9960
55.2	0.9906	0.9896	0.9554	0.9416	0.9957	0.9956	0.9950	0.9943
55.3	0.9882	0.9864	0.9421	0.9314	0.9942	0.9943	0.9935	0.9929
55.4	0.9900	0.9895	0.9415	0.9390	0.9958	0.9958	0.9953	0.9948
55.5	0.9899	0.9868	0.9269	0.9445	0.9953	0.9948	0.9948	0.9934
55.6	0.9908	0.9873	0.9615	0.9661	0.9958	0.9954	0.9949	0.9951
55.7	0.9911	0.9896	0.9631	0.9615	0.9965	0.9964	0.9952	0.9963
55.8	0.9910	0.9919	0.9570	0.9571	0.9970	0.9965	0.9957	0.9963
55.9	0.9866	0.9850	0.9236	0.9353	0.9952	0.9948	0.9941	0.9941
56.0	0.9836	0.9789	0.8821	0.9284	0.9938	0.9933	0.9925	0.9919
56.1	0.9878	0.9862	0.9314	0.9465	0.9954	0.9951	0.9950	0.9944
56.2	0.9868	0.9845	0.9607	0.9693	0.9930	0.9934	0.9937	0.9916
56.3	0.9854	0.9837	0.9672	0.9712	0.9945	0.9948	0.9947	0.9935
56.4	0.9850	0.9838	0.9689	0.9780	0.9957	0.9951	0.9959	0.9942
56.5	0.9843	0.9869	0.9658	0.9708	0.9958	0.9951	0.9955	0.9941
56.6	0.9829	0.9851	0.9687	0.9677	0.9947	0.9944	0.9943	0.9935
56.7	0.9794	0.9812	0.9618	0.9639	0.9932	0.9923	0.9933	0.9913
56.8	0.9816	0.9786	0.9653	0.9694	0.9938	0.9927	0.9931	0.9928
56.9	0.9878	0.9816	0.9751	0.9724	0.9944	0.9943	0.9941	0.9936
57.0	0.9854	0.9796	0.9759	0.9794	0.9917	0.9914	0.9917	0.9895
57.1	0.9808	0.9717	0.9662	0.9683	0.9916	0.9908	0.9909	0.9889
57.2	0.9809	0.9768	0.9574	0.9642	0.9930	0.9925	0.9928	0.9913
57.3	0.9856	0.9810	0.9790	0.9830	0.9929	0.9929	0.9932	0.9917
57.4	0.9820	0.9826	0.9779	0.9866	0.9919	0.9918	0.9924	0.9911
57.5	0.9765	0.9793	0.9767	0.9844	0.9898	0.9894	0.9900	0.9882
57.6	0.9839	0.9827	0.9727	0.9839	0.9902	0.9903	0.9903	0.9885
57.7	0.9858	0.9884	0.9801	0.9889	0.9930	0.9927	0.9930	0.9916
57.8	0.9837	0.9855	0.9774	0.9871	0.9946	0.9937	0.9937	0.9928
57.9	0.9791	0.9782	0.9765	0.9785	0.9928	0.9931	0.9928	0.9912
58.0	0.9742	0.9792	0.9762	0.9838	0.9911	0.9920	0.9921	0.9896
58.1	0.9806	0.9810	0.9777	0.9895	0.9942	0.9941	0.9947	0.9926
58.2	0.9779	0.9800	0.9808	0.9866	0.9937	0.9936	0.9934	0.9915
58.3	0.9810	0.9824	0.9851	0.9867	0.9918	0.9905	0.9911	0.9895
58.4	0.9784	0.9814	0.9879	0.9887	0.9918	0.9915	0.9924	0.9890
58.5	0.9793	0.9835	0.9849	0.9890	0.9923	0.9920	0.9931	0.9882
58.6	0.9756	0.9768	0.9883	0.9885	0.9916	0.9910	0.9923	0.9873
58.7	0.9753	0.9776	0.9901	0.9895	0.9934	0.9927	0.9929	0.9906
58.8	0.9722	0.9748	0.9887	0.9907	0.9928	0.9929	0.9932	0.9906
58.9	0.9743	0.9718	0.9877	0.9894	0.9919	0.9920	0.9933	0.9899
59.0	0.9710	0.9661	0.9892	0.9895	0.9898	0.9902	0.9920	0.9882
59.1	0.9574	0.9567	0.9853	0.9869	0.9895	0.9896	0.9911	0.9860
59.2	0.9542	0.9682	0.9891	0.9879	0.9900	0.9899	0.9919	0.9859
59.3	0.9479	0.9543	0.9909	0.9878	0.9902	0.9903	0.9912	0.9870
59.4	0.9490	0.9536	0.9911	0.9902	0.9894	0.9900	0.9909	0.9878
59.5	0.9246	0.9633	0.9913	0.9890	0.9872	0.9879	0.9894	0.9838

59.6	0.9068	0.9491	0.9911	0.9866	0.9870	0.9867	0.9892	0.9811
59.7	0.9267	0.9456	0.9886	0.9882	0.9864	0.9862	0.9897	0.9818
59.8	0.8977	0.9331	0.9912	0.9909	0.9899	0.9903	0.9928	0.9860
59.9	0.0688	0.1268	0.7516	0.9146	0.9748	0.9755	0.9868	0.9526
60.0	0.0004	0.0470	0.4159	0.7014	0.9280	0.9285	0.9709	0.8412
60.1	0.0531	0.0169	0.5797	0.8811	0.9638	0.9639	0.9817	0.9309
60.2	0.7052	0.8923	0.9905	0.9907	0.9878	0.9878	0.9899	0.9846
60.3	0.6320	0.9352	0.9917	0.9910	0.9860	0.9875	0.9907	0.9814
60.4	0.6732	0.9151	0.9908	0.9904	0.9790	0.9807	0.9859	0.9714
60.5	0.6048	0.9240	0.9915	0.9904	0.9803	0.9807	0.9848	0.9731
60.6	0.2166	0.9190	0.9921	0.9909	0.9817	0.9841	0.9868	0.9734
60.7	0.0070	0.9277	0.9927	0.9932	0.9812	0.9843	0.9863	0.9714
60.8	0.0652	0.8892	0.9907	0.9889	0.9755	0.9787	0.9821	0.9640
60.9	0.1454	0.9132	0.9953	0.9935	0.9803	0.9830	0.9867	0.9695
61.0	0.2765	0.8808	0.9941	0.9949	0.9804	0.9823	0.9866	0.9703
61.1	0.4255	0.8350	0.9926	0.9923	0.9816	0.9840	0.9882	0.9706
61.2	0.6275	0.8312	0.9907	0.9912	0.9829	0.9837	0.9881	0.9698
61.3	0.7753	0.8780	0.9915	0.9926	0.9856	0.9875	0.9903	0.9753
61.4	0.8129	0.8415	0.9903	0.9903	0.9845	0.9878	0.9906	0.9744
61.5	0.8311	0.7939	0.9905	0.9896	0.9822	0.9853	0.9882	0.9722
61.6	0.8866	0.8016	0.9924	0.9901	0.9779	0.9806	0.9855	0.9651
61.7	0.9023	0.8103	0.9925	0.9922	0.9820	0.9843	0.9885	0.9723
61.8	0.9333	0.7999	0.9944	0.9944	0.9896	0.9916	0.9931	0.9826
61.9	0.9208	0.8079	0.9925	0.9935	0.9884	0.9907	0.9927	0.9763
62.0	0.9131	0.7293	0.9895	0.9896	0.9816	0.9852	0.9891	0.9628
62.1	0.9334	0.7571	0.9917	0.9900	0.9829	0.9849	0.9903	0.9669
62.2	0.9565	0.8118	0.9930	0.9913	0.9888	0.9896	0.9932	0.9781
62.3	0.9591	0.8217	0.9936	0.9914	0.9871	0.9892	0.9921	0.9768
62.4	0.9574	0.7952	0.9921	0.9910	0.9875	0.9892	0.9925	0.9740
62.5	0.9616	0.7669	0.9942	0.9909	0.9867	0.9880	0.9904	0.9773
62.6	0.9537	0.7630	0.9931	0.9866	0.9874	0.9885	0.9906	0.9773
62.7	0.9661	0.7404	0.9920	0.9877	0.9888	0.9883	0.9921	0.9780
62.8	0.9782	0.8113	0.9937	0.9901	0.9886	0.9885	0.9921	0.9817
62.9	0.9758	0.8544	0.9929	0.9910	0.9869	0.9884	0.9910	0.9816
63.0	0.9698	0.7763	0.9930	0.9916	0.9861	0.9881	0.9906	0.9774
63.1	0.9767	0.7382	0.9929	0.9893	0.9835	0.9857	0.9882	0.9726
63.2	0.9770	0.7904	0.9933	0.9861	0.9792	0.9820	0.9856	0.9650
63.3	0.9677	0.7594	0.9913	0.9829	0.9814	0.9833	0.9875	0.9686
63.4	0.9747	0.7500	0.9925	0.9868	0.9850	0.9862	0.9892	0.9771
63.5	0.9747	0.7089	0.9926	0.9845	0.9752	0.9776	0.9840	0.9561
63.6	0.9744	0.5882	0.9924	0.9840	0.9705	0.9732	0.9817	0.9500
63.7	0.9822	0.7099	0.9933	0.9872	0.9797	0.9803	0.9851	0.9693
63.8	0.9827	0.7186	0.9943	0.9877	0.9828	0.9838	0.9873	0.9731
63.9	0.9746	0.7145	0.9935	0.9858	0.9771	0.9804	0.9847	0.9667
64.0	0.9678	0.7246	0.9931	0.9842	0.9808	0.9819	0.9867	0.9684
64.1	0.9657	0.6154	0.9942	0.9805	0.9767	0.9788	0.9841	0.9630
64.2	0.9714	0.5930	0.9930	0.9761	0.9682	0.9731	0.9766	0.9611
64.3	0.9711	0.5676	0.9931	0.9791	0.9698	0.9723	0.9773	0.9609
64.4	0.9560	0.4173	0.9922	0.9773	0.9626	0.9653	0.9724	0.9434
64.5	0.9647	0.2788	0.9916	0.9697	0.9660	0.9663	0.9748	0.9450
64.6	0.9788	0.4188	0.9940	0.9771	0.9764	0.9758	0.9842	0.9577
64.7	0.9850	0.5400	0.9957	0.9836	0.9812	0.9807	0.9856	0.9664
64.8	0.9782	0.4884	0.9945	0.9802	0.9727	0.9724	0.9782	0.9609
64.9	0.9734	0.3854	0.9916	0.9653	0.9654	0.9652	0.9750	0.9504
65.0	0.9728	0.3943	0.9927	0.9611	0.9755	0.9742	0.9827	0.9617
65.1	0.9685	0.3999	0.9915	0.9472	0.9713	0.9686	0.9771	0.9544
65.2	0.9739	0.4490	0.9909	0.9466	0.9667	0.9708	0.9767	0.9485
65.3	0.9772	0.3317	0.9920	0.9506	0.9667	0.9701	0.9767	0.9524
65.4	0.9736	0.3894	0.9925	0.9446	0.9711	0.9696	0.9769	0.9540
65.5	0.9677	0.3782	0.9915	0.9204	0.9693	0.9669	0.9721	0.9528
65.6	0.9698	0.5277	0.9931	0.9287	0.9728	0.9717	0.9765	0.9556
65.7	0.9712	0.5462	0.9911	0.9050	0.9674	0.9701	0.9729	0.9507
65.8	0.9659	0.4752	0.9897	0.8831	0.9715	0.9702	0.9762	0.9501
65.9	0.9638	0.5042	0.9891	0.8880	0.9643	0.9640	0.9724	0.9372
66.0	0.9661	0.5492	0.9873	0.8646	0.9497	0.9516	0.9612	0.9203
66.1	0.9748	0.6529	0.9896	0.8910	0.9624	0.9654	0.9689	0.9465
66.2	0.9735	0.6751	0.9904	0.8528	0.9662	0.9662	0.9690	0.9533
66.3	0.9742	0.6846	0.9923	0.8407	0.9708	0.9705	0.9730	0.9519
66.4	0.9746	0.7303	0.9941	0.8370	0.9649	0.9649	0.9734	0.9380
66.5	0.9734	0.8395	0.9915	0.7733	0.9633	0.9609	0.9718	0.9309
66.6	0.9651	0.8570	0.9906	0.7213	0.9622	0.9594	0.9694	0.9261
66.7	0.9633	0.8276	0.9898	0.6750	0.9677	0.9608	0.9685	0.9331
66.8	0.9587	0.8585	0.9908	0.5900	0.9628	0.9613	0.9721	0.9170
66.9	0.9634	0.8459	0.9909	0.6171	0.9644	0.9623	0.9700	0.9303
67.0	0.9660	0.8769	0.9911	0.6692	0.9655	0.9590	0.9749	0.9339
67.1	0.9405	0.8432	0.9847	0.5223	0.9273	0.9266	0.9460	0.8563
67.2	0.9493	0.8757	0.9829	0.7202	0.9272	0.9164	0.9464	0.8442
67.3	0.9612	0.8936	0.9852	0.7171	0.9403	0.9260	0.9504	0.8898
67.4	0.9428	0.8832	0.9834	0.7146	0.9233	0.8980	0.9398	0.8447
67.5	0.9414	0.9061	0.9825	0.8259	0.9185	0.8840	0.9423	0.7995
67.6	0.9419	0.9113	0.9791	0.8084	0.9210	0.8979	0.9407	0.7995
67.7	0.9572	0.9255	0.9830	0.8672	0.9363	0.9064	0.9482	0.8180
67.8	0.9554	0.9221	0.9808	0.8746	0.9282	0.8927	0.9388	0.8146
67.9	0.9468	0.9379	0.9813	0.8606	0.9313	0.8986	0.9490	0.8057
68.0	0.9544	0.9447	0.9829	0.8882	0.9388	0.9027	0.9522	0.8046
68.1	0.9637	0.9256	0.9789	0.9048	0.9292	0.8906	0.9432	0.7938

68.2	0.9468	0.9158	0.9691	0.9179	0.9080	0.8229	0.9145	0.6538
68.3	0.9459	0.9448	0.9753	0.9222	0.9393	0.8537	0.9459	0.7261
68.4	0.9447	0.9503	0.9791	0.9091	0.9406	0.8645	0.9399	0.7952
68.5	0.9330	0.9422	0.9761	0.9087	0.9450	0.8563	0.9349	0.8303
68.6	0.9181	0.9489	0.9599	0.9283	0.9340	0.8075	0.9219	0.7687
68.7	0.9333	0.9577	0.9641	0.9290	0.9462	0.8377	0.9304	0.7884
68.8	0.9360	0.9613	0.9596	0.9356	0.9574	0.8795	0.9421	0.8299
68.9	0.9228	0.9559	0.9503	0.9331	0.9650	0.8681	0.9509	0.8468
69.0	0.9303	0.9729	0.9590	0.9471	0.9666	0.8667	0.9545	0.8681
69.1	0.9395	0.9649	0.9529	0.9539	0.9555	0.8496	0.9438	0.8579
69.2	0.9426	0.9605	0.9548	0.9597	0.9666	0.8804	0.9571	0.8782
69.3	0.9197	0.9642	0.9467	0.9590	0.9758	0.8946	0.9561	0.9173
69.4	0.9190	0.9658	0.9327	0.9598	0.9728	0.8980	0.9519	0.9083
69.5	0.9048	0.9530	0.9143	0.9588	0.9621	0.8987	0.9474	0.9103
69.6	0.9123	0.9525	0.9246	0.9591	0.9589	0.8832	0.9488	0.8711
69.7	0.9341	0.9564	0.9177	0.9708	0.9605	0.9031	0.9552	0.8998
69.8	0.9301	0.9645	0.9042	0.9709	0.9719	0.9310	0.9628	0.9258
69.9	0.9204	0.9549	0.8872	0.9680	0.9658	0.9349	0.9685	0.8973
70.0	0.9390	0.9595	0.8996	0.9727	0.9595	0.9231	0.9640	0.8772
70.1	0.9166	0.9492	0.8777	0.9716	0.9565	0.9261	0.9614	0.8823
70.2	0.9100	0.9508	0.8474	0.9680	0.9619	0.9418	0.9657	0.8999
70.3	0.9016	0.9521	0.8420	0.9676	0.9597	0.9174	0.9602	0.8792
70.4	0.9244	0.9674	0.8464	0.9772	0.9648	0.9225	0.9647	0.8809
70.5	0.9297	0.9565	0.8010	0.9759	0.9527	0.9262	0.9616	0.8513
70.6	0.9432	0.9442	0.7865	0.9725	0.9533	0.9468	0.9596	0.8749
70.7	0.9472	0.9555	0.8207	0.9768	0.9640	0.9600	0.9629	0.9239
70.8	0.9128	0.9457	0.7237	0.9659	0.9583	0.9584	0.9627	0.8986
70.9	0.9193	0.9375	0.6494	0.9700	0.9397	0.9360	0.9642	0.8539
71.0	0.9285	0.9302	0.6221	0.9768	0.9280	0.9154	0.9616	0.8234
71.1	0.9336	0.9268	0.5808	0.9785	0.9275	0.9182	0.9660	0.8348
71.2	0.9611	0.9466	0.7002	0.9816	0.9428	0.9340	0.9664	0.8462
71.3	0.9608	0.9512	0.7097	0.9820	0.9507	0.9517	0.9736	0.8649
71.4	0.9403	0.9246	0.6338	0.9804	0.9330	0.9532	0.9703	0.8831
71.5	0.9376	0.9111	0.6134	0.9821	0.9211	0.9372	0.9644	0.8714
71.6	0.9363	0.9072	0.6070	0.9717	0.9177	0.9325	0.9449	0.8829
71.7	0.9418	0.9218	0.7355	0.9779	0.9139	0.9259	0.9484	0.8675
71.8	0.9519	0.9231	0.6785	0.9801	0.9322	0.9315	0.9606	0.8862
71.9	0.9634	0.9548	0.7708	0.9824	0.9494	0.9522	0.9720	0.9025
72.0	0.9495	0.9120	0.6964	0.9807	0.9200	0.9352	0.9571	0.8915
72.1	0.9288	0.8976	0.6217	0.9829	0.9174	0.9235	0.9542	0.9107
72.2	0.9480	0.9321	0.7476	0.9852	0.9320	0.9399	0.9624	0.9261
72.3	0.9525	0.9324	0.7756	0.9837	0.9371	0.9472	0.9478	0.9260
72.4	0.9471	0.9242	0.7788	0.9776	0.9259	0.9322	0.9454	0.9089
72.5	0.9407	0.9202	0.7693	0.9752	0.9317	0.9393	0.9469	0.9086
72.6	0.9438	0.9317	0.7852	0.9817	0.9353	0.9440	0.9294	0.9199
72.7	0.9462	0.9247	0.8093	0.9787	0.9417	0.9430	0.9242	0.9392
72.8	0.9503	0.9295	0.8062	0.9777	0.9461	0.9492	0.9364	0.9258
72.9	0.9480	0.9317	0.7939	0.9822	0.9414	0.9412	0.9374	0.9197
73.0	0.9477	0.9330	0.8022	0.9814	0.9390	0.9498	0.9203	0.9368
73.1	0.9369	0.9196	0.7926	0.9741	0.9349	0.9280	0.9019	0.9162
73.2	0.9318	0.9375	0.8117	0.9788	0.9505	0.9434	0.9227	0.9301
73.3	0.9528	0.9560	0.8416	0.9820	0.9660	0.9685	0.9391	0.9565
73.4	0.9566	0.9577	0.8542	0.9840	0.9667	0.9640	0.9384	0.9552
73.5	0.9303	0.9423	0.7923	0.9799	0.9473	0.9443	0.9077	0.9374
73.6	0.9414	0.9477	0.8012	0.9812	0.9610	0.9610	0.9262	0.9530
73.7	0.9425	0.9569	0.7980	0.9845	0.9666	0.9670	0.9286	0.9638
73.8	0.8980	0.9453	0.7606	0.9763	0.9480	0.9438	0.9287	0.9391
73.9	0.8885	0.9310	0.7461	0.9698	0.9396	0.9355	0.9102	0.9294
74.0	0.9065	0.9436	0.7890	0.9763	0.9535	0.9488	0.9302	0.9453
74.1	0.9108	0.9447	0.7883	0.9783	0.9501	0.9393	0.9161	0.9454
74.2	0.8810	0.9284	0.7484	0.9758	0.9372	0.9260	0.9136	0.9290
74.3	0.8872	0.9342	0.7206	0.9775	0.9423	0.9334	0.9152	0.9293
74.4	0.8950	0.9318	0.7612	0.9697	0.9441	0.9399	0.9061	0.9411
74.5	0.8777	0.9095	0.7327	0.9728	0.9346	0.9143	0.8657	0.9379
74.6	0.8450	0.9282	0.7316	0.9751	0.9417	0.9174	0.8848	0.9341
74.7	0.8500	0.9509	0.7552	0.9777	0.9506	0.9197	0.9232	0.9249
74.8	0.8986	0.9639	0.7287	0.9849	0.9642	0.9449	0.9492	0.9451
74.9	0.8758	0.9419	0.7020	0.9812	0.9400	0.9142	0.9140	0.9266
75.0	0.8425	0.9253	0.7137	0.9811	0.9137	0.8772	0.9152	0.8935
75.1	0.8596	0.9184	0.7338	0.9833	0.9250	0.8879	0.9107	0.9019
75.2	0.8432	0.8913	0.7663	0.9794	0.9075	0.8681	0.8779	0.8898
75.3	0.8716	0.9127	0.7736	0.9765	0.9216	0.8859	0.8861	0.9213
75.4	0.8383	0.9008	0.7175	0.9680	0.9107	0.8721	0.8761	0.9192
75.5	0.8252	0.8947	0.6584	0.9682	0.8971	0.8616	0.8437	0.9139
75.6	0.7936	0.8543	0.6742	0.9685	0.8880	0.8146	0.8114	0.9171
75.7	0.8456	0.8809	0.7668	0.9769	0.8981	0.8535	0.8445	0.9286
75.8	0.8836	0.8933	0.8217	0.9786	0.9041	0.8729	0.8541	0.9424
75.9	0.8849	0.8843	0.8067	0.9756	0.8851	0.8575	0.8260	0.9373
76.0	0.8748	0.8517	0.8187	0.9736	0.8552	0.8311	0.7867	0.9196
76.1	0.8506	0.8163	0.7657	0.9717	0.8096	0.7586	0.6582	0.8894
76.2	0.8519	0.8241	0.8036	0.9706	0.7895	0.7842	0.6012	0.9065
76.3	0.8782	0.8401	0.8173	0.9661	0.7724	0.8043	0.6442	0.9240
76.4	0.9026	0.8639	0.8649	0.9660	0.7620	0.8274	0.6254	0.9454
76.5	0.9147	0.8905	0.8914	0.9646	0.8079	0.8405	0.4717	0.9512
76.6	0.8700	0.8303	0.8669	0.9529	0.7382	0.7742	0.3202	0.9228
76.7	0.8949	0.8294	0.8821	0.9508	0.7179	0.8258	0.3854	0.9238

76.8	0.9068	0.8520	0.8502	0.9407	0.6202	0.8192	0.2422	0.9208
76.9	0.9282	0.8939	0.8982	0.9515	0.6919	0.8834	0.1415	0.9363
77.0	0.9510	0.9288	0.9248	0.9640	0.7661	0.9119	0.0638	0.9533
77.1	0.9206	0.8958	0.9182	0.9459	0.7178	0.8751	0.0095	0.9507
77.2	0.9213	0.8885	0.9387	0.9322	0.7647	0.8778	0.0214	0.9513
77.3	0.9291	0.9055	0.9286	0.9395	0.8168	0.8952	0.0298	0.9557
77.4	0.9491	0.9385	0.9379	0.9498	0.8681	0.9266	0.0650	0.9679
77.5	0.9253	0.9356	0.9133	0.9265	0.8584	0.9182	0.2269	0.9572
77.6	0.9453	0.9470	0.9421	0.9210	0.8929	0.9342	0.4516	0.9589
77.7	0.9459	0.9436	0.9268	0.8983	0.9011	0.9379	0.4888	0.9501
77.8	0.9559	0.9608	0.9480	0.9282	0.9291	0.9532	0.6306	0.9629
77.9	0.9568	0.9611	0.9569	0.9252	0.9396	0.9607	0.7191	0.9672
78.0	0.9553	0.9561	0.9591	0.9042	0.9413	0.9577	0.7138	0.9760
78.1	0.9586	0.9649	0.9538	0.9138	0.9470	0.9638	0.7509	0.9761
78.2	0.9533	0.9534	0.9323	0.9067	0.9479	0.9694	0.6738	0.9726
78.3	0.9562	0.9503	0.9408	0.9154	0.9544	0.9617	0.7533	0.9742
78.4	0.9670	0.9713	0.9611	0.9358	0.9705	0.9718	0.8519	0.9846
78.5	0.9583	0.9567	0.9481	0.9213	0.9665	0.9700	0.8222	0.9795
78.6	0.9659	0.9634	0.9637	0.9257	0.9752	0.9750	0.8397	0.9803
78.7	0.9727	0.9674	0.9498	0.9142	0.9775	0.9790	0.8656	0.9828
78.8	0.9607	0.9489	0.9287	0.9358	0.9719	0.9760	0.7905	0.9820
78.9	0.9717	0.9567	0.9518	0.9594	0.9778	0.9748	0.7318	0.9880
79.0	0.9661	0.9550	0.9483	0.9424	0.9748	0.9705	0.7423	0.9860
79.1	0.9616	0.9634	0.9416	0.9121	0.9755	0.9731	0.8081	0.9822
79.2	0.9631	0.9628	0.9365	0.9218	0.9690	0.9691	0.8157	0.9777
79.3	0.9653	0.9613	0.9538	0.9014	0.9702	0.9747	0.8365	0.9819
79.4	0.9715	0.9660	0.9604	0.8899	0.9808	0.9807	0.8691	0.9849
79.5	0.9758	0.9729	0.9651	0.9084	0.9849	0.9829	0.8908	0.9896
79.6	0.9700	0.9659	0.9603	0.9314	0.9807	0.9794	0.8674	0.9856
79.7	0.9708	0.9632	0.9561	0.9395	0.9781	0.9804	0.9006	0.9837
79.8	0.9723	0.9685	0.9592	0.9519	0.9792	0.9833	0.9031	0.9858
79.9	0.9766	0.9738	0.9615	0.9465	0.9840	0.9855	0.9107	0.9829
80.0	0.9799	0.9766	0.9658	0.9490	0.9855	0.9860	0.9023	0.9875

1.2.16 Run 4 – IP050-200 – SF and shaft bending gauges

In-plane shaking at 50° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.2631	0.9520	0.9588	0.9453	0.0000	0.9701	0.9601	0.0023
0.1	0.0343	0.7355	0.7689	0.6938	0.1499	0.9026	0.8615	0.1365
0.2	0.9489	0.8994	0.8812	0.9346	0.9874	0.9836	0.9791	0.9654
0.3	0.8724	0.3936	0.7308	0.7545	0.9541	0.8964	0.9413	0.7754
0.4	0.7143	0.1910	0.4149	0.4244	0.6304	0.5490	0.6550	0.3916
0.5	0.9539	0.9077	0.9457	0.9424	0.7945	0.9565	0.7712	0.9293
0.6	0.9910	0.9902	0.9891	0.9915	0.9736	0.9961	0.9599	0.9924
0.7	0.9962	0.9952	0.9951	0.9962	0.9909	0.9979	0.9856	0.9954
0.8	0.9972	0.9743	0.9889	0.9875	0.9672	0.9842	0.9788	0.9641
0.9	0.9957	0.9191	0.9693	0.9546	0.9491	0.8651	0.8597	0.6352
1.0	0.9969	0.9438	0.9821	0.9693	0.9431	0.8203	0.5752	0.3095
1.1	0.9948	0.9861	0.9955	0.9894	0.8411	0.8374	0.5261	0.4843
1.2	0.9928	0.9967	0.9970	0.9978	0.9909	0.9956	0.9798	0.9855
1.3	0.9944	0.9978	0.9984	0.9987	0.9991	0.9996	0.9977	0.9986
1.4	0.9898	0.9864	0.9967	0.9964	0.9988	0.9995	0.9989	0.9988
1.5	0.9892	0.9810	0.9962	0.9964	0.9977	0.9992	0.9985	0.9986
1.6	0.9931	0.9861	0.9962	0.9961	0.9990	0.9996	0.9992	0.9993
1.7	0.9900	0.9871	0.9925	0.9925	0.9996	0.9997	0.9996	0.9995
1.8	0.9716	0.9732	0.9797	0.9799	0.9997	0.9991	0.9997	0.9984
1.9	0.9505	0.9548	0.9633	0.9640	0.9996	0.9981	0.9996	0.9969
2.0	0.8561	0.8717	0.8923	0.8934	0.9989	0.9954	0.9992	0.9919
2.1	0.8235	0.8445	0.8742	0.8743	0.9976	0.9970	0.9978	0.9942
2.2	0.8247	0.8632	0.8947	0.8921	0.9907	0.9982	0.9915	0.9963
2.3	0.6556	0.7800	0.8207	0.8256	0.9048	0.9968	0.9103	0.9949
2.4	0.7854	0.9037	0.9226	0.9323	0.9288	0.9986	0.9361	0.9982
2.5	0.9300	0.9717	0.9773	0.9800	0.9944	0.9996	0.9946	0.9994
2.6	0.9718	0.9884	0.9907	0.9915	0.9992	0.9998	0.9990	0.9996
2.7	0.9835	0.9939	0.9950	0.9953	0.9997	0.9998	0.9996	0.9997
2.8	0.9899	0.9968	0.9972	0.9973	0.9995	0.9999	0.9993	0.9996
2.9	0.9920	0.9977	0.9977	0.9979	0.9997	0.9999	0.9996	0.9998
3.0	0.9959	0.9983	0.9986	0.9987	0.9999	0.9999	0.9999	0.9998
3.1	0.9970	0.9989	0.9990	0.9990	1.0000	1.0000	0.9999	0.9999
3.2	0.9976	0.9991	0.9992	0.9993	0.9999	1.0000	0.9998	0.9999
3.3	0.9981	0.9992	0.9993	0.9994	0.9999	1.0000	0.9999	0.9999
3.4	0.9987	0.9994	0.9995	0.9995	1.0000	1.0000	0.9999	0.9999
3.5	0.9991	0.9996	0.9996	0.9996	0.9999	1.0000	0.9999	0.9999
3.6	0.9991	0.9996	0.9996	0.9996	0.9999	1.0000	0.9998	0.9999
3.7	0.9993	0.9997	0.9997	0.9997	0.9999	1.0000	0.9999	0.9999
3.8	0.9992	0.9997	0.9997	0.9997	1.0000	1.0000	0.9999	0.9999
3.9	0.9992	0.9997	0.9997	0.9997	1.0000	1.0000	0.9999	0.9999
4.0	0.9992	0.9997	0.9997	0.9997	1.0000	1.0000	0.9999	1.0000
4.1	0.9992	0.9996	0.9997	0.9997	1.0000	1.0000	0.9999	0.9999
4.2	0.9991	0.9996	0.9997	0.9997	0.9999	1.0000	0.9999	0.9999
4.3	0.9992	0.9997	0.9997	0.9997	0.9999	1.0000	0.9999	1.0000
4.4	0.9996	0.9999	0.9998	0.9999	0.9999	1.0000	0.9999	1.0000
4.5	0.9997	0.9999	0.9998	0.9999	0.9999	1.0000	0.9999	1.0000
4.6	0.9997	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
4.7	0.9998	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
4.8	0.9997	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
4.9	0.9995	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
5.0	0.9996	0.9999	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
5.1	0.9997	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
5.2	0.9997	0.9998	0.9999	0.9999	0.9999	1.0000	0.9998	0.9999
5.3	0.9997	0.9998	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
5.4	0.9997	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
5.5	0.9997	0.9998	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
5.6	0.9996	0.9997	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
5.7	0.9996	0.9997	0.9998	0.9998	0.9999	0.9999	0.9998	0.9999
5.8	0.9994	0.9997	0.9998	0.9998	0.9998	0.9999	0.9998	0.9999
5.9	0.9993	0.9997	0.9997	0.9997	0.9998	0.9999	0.9998	0.9999
6.0	0.9994	0.9997	0.9997	0.9997	0.9999	1.0000	0.9998	0.9999
6.1	0.9996	0.9998	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
6.2	0.9996	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
6.3	0.9994	0.9997	0.9997	0.9997	0.9998	0.9999	0.9998	0.9999
6.4	0.9991	0.9996	0.9996	0.9996	0.9996	0.9999	0.9997	0.9998
6.5	0.9995	0.9997	0.9997	0.9997	0.9997	0.9999	0.9997	0.9999
6.6	0.9997	0.9998	0.9998	0.9998	0.9998	0.9999	0.9997	0.9999
6.7	0.9996	0.9997	0.9998	0.9998	0.9997	0.9999	0.9996	0.9999
6.8	0.9994	0.9997	0.9996	0.9997	0.9994	0.9999	0.9993	0.9998
6.9	0.9994	0.9997	0.9995	0.9996	0.9987	0.9999	0.9987	0.9998
7.0	0.9994	0.9997	0.9991	0.9990	0.9977	0.9999	0.9978	0.9998
7.1	0.9994	0.9996	0.9976	0.9974	0.9943	0.9999	0.9946	0.9996
7.2	0.9996	0.9997	0.9980	0.9986	0.9955	0.9999	0.9959	0.9997
7.3	0.9996	0.9997	0.9992	0.9995	0.9987	0.9999	0.9987	0.9998
7.4	0.9996	0.9998	0.9994	0.9994	0.9982	0.9999	0.9984	0.9998
7.5	0.9997	0.9998	0.9995	0.9997	0.9984	0.9998	0.9982	0.9997
7.6	0.9996	0.9997	0.9995	0.9997	0.9986	0.9998	0.9983	0.9996
7.7	0.9997	0.9997	0.9997	0.9998	0.9991	0.9998	0.9989	0.9997
7.8	0.9996	0.9998	0.9997	0.9998	0.9993	0.9998	0.9991	0.9996
7.9	0.9998	0.9998	0.9998	0.9998	0.9996	0.9998	0.9994	0.9996

8.0	0.9995	0.9996	0.9997	0.9997	0.9994	0.9998	0.9993	0.9994
8.1	0.9997	0.9997	0.9998	0.9998	0.9996	0.9998	0.9994	0.9995
8.2	0.9997	0.9996	0.9997	0.9997	0.9991	0.9996	0.9987	0.9992
8.3	0.9995	0.9994	0.9996	0.9996	0.9985	0.9994	0.9980	0.9989
8.4	0.9997	0.9997	0.9997	0.9998	0.9991	0.9996	0.9988	0.9993
8.5	0.9996	0.9995	0.9996	0.9996	0.9981	0.9991	0.9970	0.9984
8.6	0.9997	0.9996	0.9997	0.9997	0.9986	0.9993	0.9978	0.9984
8.7	0.9998	0.9997	0.9998	0.9998	0.9990	0.9993	0.9983	0.9982
8.8	0.9997	0.9996	0.9997	0.9998	0.9988	0.9994	0.9986	0.9986
8.9	0.9996	0.9996	0.9996	0.9997	0.9976	0.9996	0.9975	0.9991
9.0	0.9995	0.9992	0.9992	0.9996	0.9959	0.9995	0.9962	0.9988
9.1	0.9995	0.9992	0.9996	0.9996	0.9972	0.9996	0.9973	0.9994
9.2	0.9992	0.9992	0.9991	0.9993	0.9846	0.9996	0.9862	0.9992
9.3	0.9992	0.9987	0.9981	0.9996	0.9753	0.9997	0.9781	0.9989
9.4	0.9995	0.9990	0.9988	0.9997	0.9742	0.9998	0.9769	0.9995
9.5	0.9994	0.9991	0.9992	0.9996	0.9804	0.9997	0.9832	0.9995
9.6	0.9994	0.9990	0.9994	0.9995	0.9891	0.9996	0.9905	0.9994
9.7	0.9994	0.9992	0.9995	0.9995	0.9927	0.9996	0.9934	0.9995
9.8	0.9994	0.9991	0.9996	0.9995	0.9969	0.9996	0.9970	0.9995
9.9	0.9996	0.9993	0.9997	0.9996	0.9982	0.9997	0.9982	0.9996
10.0	0.9996	0.9990	0.9996	0.9995	0.9988	0.9997	0.9985	0.9996
10.1	0.9994	0.9986	0.9995	0.9994	0.9981	0.9995	0.9978	0.9993
10.2	0.9992	0.9981	0.9994	0.9992	0.9974	0.9992	0.9968	0.9989
10.3	0.9994	0.9981	0.9994	0.9993	0.9985	0.9995	0.9983	0.9993
10.4	0.9994	0.9984	0.9993	0.9993	0.9990	0.9995	0.9987	0.9993
10.5	0.9996	0.9988	0.9995	0.9995	0.9991	0.9996	0.9990	0.9995
10.6	0.9992	0.9978	0.9992	0.9991	0.9987	0.9993	0.9984	0.9991
10.7	0.9990	0.9980	0.9991	0.9990	0.9983	0.9991	0.9978	0.9988
10.8	0.9992	0.9983	0.9992	0.9992	0.9980	0.9992	0.9978	0.9989
10.9	0.9989	0.9979	0.9989	0.9989	0.9983	0.9991	0.9982	0.9988
11.0	0.9979	0.9968	0.9983	0.9981	0.9975	0.9985	0.9969	0.9979
11.1	0.9989	0.9981	0.9991	0.9989	0.9974	0.9991	0.9972	0.9988
11.2	0.9987	0.9979	0.9988	0.9987	0.9974	0.9990	0.9973	0.9987
11.3	0.9980	0.9973	0.9983	0.9983	0.9961	0.9984	0.9961	0.9979
11.4	0.9981	0.9977	0.9985	0.9983	0.9969	0.9982	0.9967	0.9976
11.5	0.9984	0.9976	0.9986	0.9985	0.9981	0.9985	0.9978	0.9981
11.6	0.9980	0.9966	0.9981	0.9979	0.9971	0.9983	0.9973	0.9980
11.7	0.9984	0.9964	0.9981	0.9979	0.9970	0.9982	0.9969	0.9978
11.8	0.9987	0.9962	0.9981	0.9979	0.9968	0.9982	0.9967	0.9979
11.9	0.9986	0.9976	0.9985	0.9985	0.9986	0.9987	0.9984	0.9984
12.0	0.9972	0.9957	0.9970	0.9968	0.9976	0.9971	0.9970	0.9966
12.1	0.9965	0.9949	0.9962	0.9960	0.9968	0.9963	0.9961	0.9955
12.2	0.9973	0.9966	0.9974	0.9972	0.9979	0.9973	0.9972	0.9966
12.3	0.9972	0.9961	0.9970	0.9967	0.9978	0.9971	0.9970	0.9966
12.4	0.9957	0.9950	0.9955	0.9954	0.9967	0.9956	0.9955	0.9948
12.5	0.9947	0.9939	0.9947	0.9944	0.9957	0.9945	0.9945	0.9938
12.6	0.9954	0.9955	0.9955	0.9955	0.9962	0.9952	0.9953	0.9944
12.7	0.9950	0.9949	0.9952	0.9949	0.9958	0.9944	0.9947	0.9937
12.8	0.9951	0.9947	0.9949	0.9946	0.9947	0.9938	0.9938	0.9931
12.9	0.9939	0.9940	0.9938	0.9936	0.9922	0.9922	0.9911	0.9914
13.0	0.9902	0.9903	0.9898	0.9897	0.9901	0.9877	0.9882	0.9867
13.1	0.9860	0.9868	0.9860	0.9858	0.9875	0.9839	0.9847	0.9828
13.2	0.9812	0.9813	0.9813	0.9808	0.9869	0.9795	0.9838	0.9779
13.3	0.9733	0.9732	0.9734	0.9728	0.9851	0.9722	0.9818	0.9700
13.4	0.9398	0.9414	0.9407	0.9400	0.9709	0.9397	0.9622	0.9365
13.5	0.9537	0.9548	0.9544	0.9536	0.9806	0.9535	0.9728	0.9516
13.6	0.9467	0.9481	0.9472	0.9471	0.9785	0.9466	0.9700	0.9454
13.7	0.9423	0.9441	0.9429	0.9432	0.9827	0.9435	0.9752	0.9428
13.8	0.9610	0.9629	0.9615	0.9616	0.9862	0.9612	0.9813	0.9619
13.9	0.9738	0.9754	0.9744	0.9745	0.9786	0.9745	0.9824	0.9741
14.0	0.9842	0.9850	0.9844	0.9845	0.9814	0.9843	0.9806	0.9845
14.1	0.9770	0.9783	0.9777	0.9774	0.9535	0.9794	0.9536	0.9768
14.2	0.9788	0.9803	0.9802	0.9795	0.9546	0.9835	0.9558	0.9777
14.3	0.9642	0.9656	0.9663	0.9643	0.9302	0.9745	0.9345	0.9593
14.4	0.9583	0.9590	0.9617	0.9568	0.9198	0.9755	0.9264	0.9480
14.5	0.9708	0.9717	0.9741	0.9704	0.9561	0.9853	0.9613	0.9602
14.6	0.9811	0.9816	0.9835	0.9809	0.9636	0.9924	0.9690	0.9703
14.7	0.9925	0.9932	0.9940	0.9927	0.9786	0.9969	0.9820	0.9888
14.8	0.9947	0.9955	0.9963	0.9949	0.9751	0.9981	0.9796	0.9913
14.9	0.9984	0.9982	0.9989	0.9988	0.9868	0.9991	0.9894	0.9977
15.0	0.9986	0.9980	0.9988	0.9991	0.9904	0.9981	0.9922	0.9986
15.1	0.9980	0.9987	0.9982	0.9986	0.9921	0.9973	0.9934	0.9983
15.2	0.9977	0.9983	0.9978	0.9982	0.9934	0.9975	0.9945	0.9984
15.3	0.9979	0.9985	0.9980	0.9984	0.9958	0.9981	0.9966	0.9986
15.4	0.9974	0.9976	0.9973	0.9977	0.9945	0.9972	0.9955	0.9981
15.5	0.9980	0.9984	0.9980	0.9983	0.9958	0.9979	0.9967	0.9986
15.6	0.9982	0.9985	0.9982	0.9985	0.9968	0.9984	0.9975	0.9989
15.7	0.9983	0.9984	0.9982	0.9985	0.9970	0.9983	0.9977	0.9988
15.8	0.9985	0.9986	0.9985	0.9987	0.9975	0.9986	0.9980	0.9990
15.9	0.9984	0.9986	0.9985	0.9987	0.9976	0.9986	0.9982	0.9990
16.0	0.9988	0.9989	0.9988	0.9989	0.9982	0.9989	0.9987	0.9992
16.1	0.9987	0.9988	0.9988	0.9989	0.9983	0.9989	0.9987	0.9991
16.2	0.9988	0.9988	0.9989	0.9990	0.9984	0.9990	0.9988	0.9993
16.3	0.9986	0.9987	0.9987	0.9990	0.9982	0.9990	0.9987	0.9993
16.4	0.9989	0.9990	0.9990	0.9992	0.9985	0.9993	0.9990	0.9995
16.5	0.9985	0.9988	0.9986	0.9990	0.9982	0.9993	0.9988	0.9995

16.6	0.9988	0.9992	0.9991	0.9993	0.9986	0.9995	0.9991	0.9996
16.7	0.9979	0.9987	0.9986	0.9987	0.9985	0.9993	0.9991	0.9995
16.8	0.9978	0.9985	0.9984	0.9985	0.9986	0.9986	0.9991	0.9989
16.9	0.9986	0.9989	0.9989	0.9990	0.9989	0.9989	0.9992	0.9991
17.0	0.9985	0.9991	0.9990	0.9992	0.9990	0.9995	0.9994	0.9995
17.1	0.9981	0.9987	0.9986	0.9990	0.9987	0.9993	0.9993	0.9994
17.2	0.9984	0.9988	0.9989	0.9991	0.9991	0.9992	0.9995	0.9994
17.3	0.9980	0.9986	0.9987	0.9988	0.9991	0.9992	0.9995	0.9994
17.4	0.9981	0.9982	0.9986	0.9988	0.9994	0.9994	0.9996	0.9996
17.5	0.9981	0.9986	0.9988	0.9989	0.9993	0.9994	0.9995	0.9996
17.6	0.9979	0.9984	0.9983	0.9986	0.9992	0.9993	0.9995	0.9995
17.7	0.9958	0.9970	0.9970	0.9974	0.9983	0.9991	0.9991	0.9994
17.8	0.9952	0.9967	0.9968	0.9973	0.9988	0.9996	0.9993	0.9997
17.9	0.9944	0.9960	0.9967	0.9969	0.9990	0.9995	0.9994	0.9996
18.0	0.9940	0.9965	0.9970	0.9970	0.9993	0.9996	0.9996	0.9997
18.1	0.9934	0.9967	0.9967	0.9969	0.9992	0.9995	0.9995	0.9996
18.2	0.9939	0.9959	0.9966	0.9965	0.9990	0.9993	0.9994	0.9995
18.3	0.9922	0.9930	0.9951	0.9953	0.9982	0.9990	0.9991	0.9993
18.4	0.9911	0.9921	0.9935	0.9946	0.9983	0.9990	0.9991	0.9994
18.5	0.9934	0.9948	0.9950	0.9963	0.9988	0.9991	0.9993	0.9994
18.6	0.9935	0.9958	0.9954	0.9970	0.9990	0.9994	0.9994	0.9996
18.7	0.9891	0.9894	0.9923	0.9939	0.9983	0.9994	0.9991	0.9996
18.8	0.9887	0.9929	0.9937	0.9948	0.9988	0.9995	0.9994	0.9996
18.9	0.9845	0.9909	0.9916	0.9931	0.9984	0.9990	0.9993	0.9994
19.0	0.9807	0.9858	0.9887	0.9906	0.9983	0.9990	0.9992	0.9994
19.1	0.9762	0.9844	0.9866	0.9891	0.9984	0.9990	0.9992	0.9995
19.2	0.9750	0.9831	0.9872	0.9898	0.9981	0.9989	0.9991	0.9994
19.3	0.9718	0.9820	0.9854	0.9899	0.9981	0.9988	0.9991	0.9993
19.4	0.9709	0.9819	0.9846	0.9898	0.9987	0.9994	0.9995	0.9997
19.5	0.9706	0.9789	0.9846	0.9872	0.9987	0.9994	0.9994	0.9997
19.6	0.9662	0.9762	0.9848	0.9874	0.9988	0.9994	0.9995	0.9996
19.7	0.9384	0.9578	0.9720	0.9787	0.9979	0.9990	0.9991	0.9995
19.8	0.9119	0.9479	0.9632	0.9742	0.9978	0.9990	0.9993	0.9995
19.9	0.8933	0.9211	0.9606	0.9651	0.9980	0.9993	0.9994	0.9996
20.0	0.8749	0.9056	0.9452	0.9591	0.9978	0.9990	0.9992	0.9995
20.1	0.8159	0.8414	0.9143	0.9390	0.9982	0.9993	0.9993	0.9996
20.2	0.7715	0.8044	0.9164	0.9375	0.9981	0.9994	0.9994	0.9997
20.3	0.7844	0.8142	0.9242	0.9407	0.9981	0.9991	0.9993	0.9995
20.4	0.5902	0.6795	0.8602	0.8962	0.9980	0.9991	0.9993	0.9995
20.5	0.4619	0.5595	0.8165	0.8675	0.9981	0.9994	0.9994	0.9997
20.6	0.3201	0.3856	0.7646	0.8146	0.9977	0.9993	0.9994	0.9996
20.7	0.1554	0.1204	0.5622	0.6557	0.9975	0.9988	0.9993	0.9993
20.8	0.1978	0.1176	0.3990	0.5162	0.9972	0.9987	0.9992	0.9992
20.9	0.3439	0.2264	0.3257	0.3755	0.9970	0.9985	0.9989	0.9990
21.0	0.6276	0.5463	0.5390	0.5083	0.9971	0.9988	0.9993	0.9992
21.1	0.7007	0.6643	0.5866	0.5174	0.9969	0.9988	0.9992	0.9994
21.2	0.6808	0.5981	0.5468	0.4650	0.9977	0.9985	0.9992	0.9992
21.3	0.6867	0.6055	0.6027	0.5517	0.9978	0.9979	0.9990	0.9987
21.4	0.7035	0.6363	0.6534	0.6204	0.9982	0.9984	0.9993	0.9990
21.5	0.7322	0.6801	0.6760	0.6332	0.9978	0.9983	0.9992	0.9989
21.6	0.7062	0.6511	0.6373	0.5985	0.9977	0.9983	0.9993	0.9989
21.7	0.7423	0.6671	0.6592	0.6268	0.9979	0.9986	0.9994	0.9991
21.8	0.7409	0.6815	0.6752	0.6453	0.9968	0.9981	0.9992	0.9989
21.9	0.8162	0.7921	0.7805	0.7478	0.9971	0.9980	0.9991	0.9989
22.0	0.7688	0.7115	0.6998	0.6526	0.9968	0.9977	0.9989	0.9986
22.1	0.8100	0.7663	0.7560	0.7310	0.9963	0.9979	0.9990	0.9988
22.2	0.8511	0.8149	0.8223	0.7951	0.9962	0.9982	0.9991	0.9990
22.3	0.8428	0.8133	0.8222	0.7830	0.9957	0.9974	0.9990	0.9985
22.4	0.8367	0.8284	0.8240	0.8037	0.9977	0.9980	0.9994	0.9987
22.5	0.8769	0.8638	0.8669	0.8550	0.9967	0.9978	0.9992	0.9988
22.6	0.9028	0.8942	0.8951	0.8866	0.9953	0.9970	0.9988	0.9986
22.7	0.9340	0.9299	0.9334	0.9294	0.9973	0.9979	0.9993	0.9991
22.8	0.9260	0.9240	0.9261	0.9246	0.9972	0.9977	0.9994	0.9989
22.9	0.9239	0.9277	0.9257	0.9219	0.9968	0.9975	0.9993	0.9987
23.0	0.9243	0.9346	0.9339	0.9317	0.9967	0.9972	0.9993	0.9988
23.1	0.9297	0.9431	0.9417	0.9399	0.9961	0.9968	0.9991	0.9988
23.2	0.9090	0.9372	0.9263	0.9244	0.9949	0.9962	0.9990	0.9985
23.3	0.8896	0.9176	0.9060	0.9066	0.9937	0.9950	0.9984	0.9981
23.4	0.8875	0.9262	0.9095	0.9134	0.9932	0.9952	0.9983	0.9983
23.5	0.9082	0.9380	0.9244	0.9277	0.9939	0.9971	0.9984	0.9989
23.6	0.8855	0.9281	0.9126	0.9132	0.9942	0.9978	0.9988	0.9991
23.7	0.9049	0.9511	0.9383	0.9323	0.9938	0.9971	0.9987	0.9989
23.8	0.8662	0.9292	0.9073	0.8943	0.9930	0.9970	0.9988	0.9989
23.9	0.8953	0.9336	0.9067	0.9156	0.9925	0.9976	0.9988	0.9991
24.0	0.9249	0.9483	0.9417	0.9331	0.9941	0.9980	0.9990	0.9993
24.1	0.8937	0.9285	0.9304	0.9150	0.9931	0.9977	0.9989	0.9992
24.2	0.9097	0.9270	0.9346	0.9246	0.9929	0.9966	0.9986	0.9989
24.3	0.9292	0.9358	0.9430	0.9295	0.9904	0.9970	0.9987	0.9991
24.4	0.9484	0.9436	0.9585	0.9495	0.9918	0.9972	0.9986	0.9991
24.5	0.9611	0.9465	0.9601	0.9544	0.9930	0.9972	0.9988	0.9990
24.6	0.9649	0.9627	0.9680	0.9622	0.9930	0.9978	0.9989	0.9992
24.7	0.9751	0.9708	0.9774	0.9746	0.9914	0.9979	0.9989	0.9993
24.8	0.9729	0.9751	0.9800	0.9747	0.9909	0.9985	0.9991	0.9994
24.9	0.9707	0.9749	0.9764	0.9717	0.9883	0.9977	0.9988	0.9991
25.0	0.9765	0.9724	0.9738	0.9733	0.9879	0.9973	0.9987	0.9990
25.1	0.9856	0.9868	0.9877	0.9843	0.9901	0.9977	0.9989	0.9991

25.2	0.9895	0.9907	0.9909	0.9883	0.9887	0.9978	0.9988	0.9993
25.3	0.9892	0.9892	0.9900	0.9888	0.9855	0.9975	0.9987	0.9994
25.4	0.9886	0.9907	0.9917	0.9906	0.9859	0.9966	0.9984	0.9989
25.5	0.9886	0.9891	0.9892	0.9890	0.9870	0.9956	0.9980	0.9984
25.6	0.9901	0.9887	0.9900	0.9875	0.9867	0.9968	0.9985	0.9990
25.7	0.9900	0.9902	0.9926	0.9895	0.9838	0.9965	0.9984	0.9989
25.8	0.9931	0.9918	0.9932	0.9921	0.9862	0.9977	0.9990	0.9993
25.9	0.9921	0.9914	0.9928	0.9914	0.9862	0.9967	0.9990	0.9990
26.0	0.9946	0.9943	0.9952	0.9941	0.9856	0.9976	0.9992	0.9992
26.1	0.9932	0.9941	0.9944	0.9935	0.9833	0.9978	0.9992	0.9992
26.2	0.9921	0.9933	0.9937	0.9912	0.9842	0.9963	0.9986	0.9986
26.3	0.9931	0.9938	0.9944	0.9925	0.9825	0.9963	0.9989	0.9988
26.4	0.9941	0.9940	0.9942	0.9941	0.9843	0.9971	0.9990	0.9990
26.5	0.9944	0.9946	0.9947	0.9945	0.9814	0.9960	0.9989	0.9987
26.6	0.9967	0.9966	0.9962	0.9963	0.9842	0.9967	0.9991	0.9991
26.7	0.9938	0.9944	0.9941	0.9940	0.9784	0.9959	0.9986	0.9987
26.8	0.9922	0.9934	0.9934	0.9928	0.9748	0.9954	0.9985	0.9987
26.9	0.9917	0.9926	0.9925	0.9922	0.9808	0.9952	0.9990	0.9984
27.0	0.9894	0.9909	0.9912	0.9897	0.9751	0.9947	0.9990	0.9983
27.1	0.9869	0.9866	0.9869	0.9865	0.9670	0.9915	0.9986	0.9974
27.2	0.9894	0.9893	0.9892	0.9897	0.9686	0.9919	0.9985	0.9972
27.3	0.9878	0.9893	0.9889	0.9888	0.9715	0.9898	0.9986	0.9965
27.4	0.9888	0.9892	0.9893	0.9891	0.9790	0.9882	0.9990	0.9962
27.5	0.9897	0.9895	0.9902	0.9898	0.9780	0.9884	0.9991	0.9960
27.6	0.9888	0.9895	0.9892	0.9894	0.9813	0.9893	0.9990	0.9963
27.7	0.9874	0.9874	0.9872	0.9873	0.9780	0.9785	0.9990	0.9939
27.8	0.9828	0.9835	0.9822	0.9842	0.9701	0.9662	0.9985	0.9909
27.9	0.9759	0.9771	0.9751	0.9768	0.9689	0.9457	0.9985	0.9871
28.0	0.9847	0.9861	0.9845	0.9860	0.9680	0.9637	0.9985	0.9930
28.1	0.9829	0.9847	0.9830	0.9854	0.9637	0.9511	0.9986	0.9920
28.2	0.9774	0.9813	0.9806	0.9812	0.9677	0.9272	0.9990	0.9912
28.3	0.9823	0.9848	0.9814	0.9844	0.9727	0.9351	0.9989	0.9936
28.4	0.9797	0.9815	0.9807	0.9800	0.9654	0.9098	0.9990	0.9925
28.5	0.9780	0.9763	0.9758	0.9772	0.9468	0.8565	0.9987	0.9910
28.6	0.9793	0.9790	0.9778	0.9807	0.9471	0.8843	0.9987	0.9933
28.7	0.9729	0.9703	0.9737	0.9743	0.9633	0.8621	0.9990	0.9940
28.8	0.9749	0.9717	0.9744	0.9755	0.9351	0.8263	0.9987	0.9937
28.9	0.9773	0.9683	0.9768	0.9749	0.9278	0.7976	0.9986	0.9925
29.0	0.9735	0.9600	0.9739	0.9665	0.9226	0.7626	0.9984	0.9929
29.1	0.9776	0.9701	0.9811	0.9733	0.9366	0.7927	0.9990	0.9955
29.2	0.9745	0.9698	0.9804	0.9711	0.8891	0.7483	0.9985	0.9942
29.3	0.9808	0.9739	0.9872	0.9789	0.8966	0.7505	0.9989	0.9953
29.4	0.9813	0.9713	0.9852	0.9767	0.9156	0.6974	0.9985	0.9942
29.5	0.9840	0.9801	0.9884	0.9798	0.9087	0.7212	0.9984	0.9949
29.6	0.9886	0.9850	0.9922	0.9825	0.9321	0.7645	0.9991	0.9970
29.7	0.9894	0.9840	0.9921	0.9850	0.9102	0.7698	0.9990	0.9966
29.8	0.9918	0.9891	0.9943	0.9905	0.8491	0.7370	0.9986	0.9960
29.9	0.9919	0.9892	0.9933	0.9893	0.8073	0.6602	0.9982	0.9943
30.0	0.9921	0.9877	0.9933	0.9900	0.8544	0.6993	0.9976	0.9942
30.1	0.9929	0.9926	0.9952	0.9922	0.8850	0.7210	0.9981	0.9954
30.2	0.9912	0.9918	0.9932	0.9899	0.8732	0.7193	0.9983	0.9956
30.3	0.9917	0.9919	0.9940	0.9912	0.8342	0.6601	0.9976	0.9946
30.4	0.9910	0.9931	0.9943	0.9918	0.8170	0.7560	0.9983	0.9950
30.5	0.9932	0.9944	0.9960	0.9928	0.8319	0.8509	0.9988	0.9969
30.6	0.9895	0.9916	0.9927	0.9899	0.7495	0.7521	0.9982	0.9956
30.7	0.9882	0.9914	0.9914	0.9895	0.6396	0.7683	0.9975	0.9949
30.8	0.9896	0.9918	0.9919	0.9905	0.6701	0.8492	0.9978	0.9961
30.9	0.9929	0.9938	0.9942	0.9939	0.7051	0.8620	0.9982	0.9966
31.0	0.9901	0.9910	0.9922	0.9913	0.7500	0.8491	0.9981	0.9953
31.1	0.9920	0.9924	0.9933	0.9926	0.7875	0.8729	0.9983	0.9958
31.2	0.9920	0.9941	0.9937	0.9933	0.6880	0.8838	0.9982	0.9955
31.3	0.9902	0.9927	0.9926	0.9922	0.5356	0.9016	0.9981	0.9948
31.4	0.9894	0.9891	0.9901	0.9904	0.6142	0.9040	0.9976	0.9950
31.5	0.9896	0.9909	0.9908	0.9905	0.6364	0.8979	0.9972	0.9924
31.6	0.9881	0.9892	0.9889	0.9897	0.5331	0.8931	0.9979	0.9913
31.7	0.9884	0.9889	0.9892	0.9903	0.5154	0.9096	0.9981	0.9911
31.8	0.9891	0.9898	0.9899	0.9909	0.5266	0.9300	0.9980	0.9911
31.9	0.9806	0.9816	0.9816	0.9827	0.4996	0.9060	0.9974	0.9869
32.0	0.9796	0.9803	0.9808	0.9815	0.6161	0.8893	0.9973	0.9844
32.1	0.9760	0.9767	0.9776	0.9781	0.5987	0.8822	0.9977	0.9754
32.2	0.9852	0.9849	0.9853	0.9860	0.7270	0.9365	0.9985	0.9824
32.3	0.9792	0.9800	0.9800	0.9804	0.6535	0.9009	0.9974	0.9656
32.4	0.9793	0.9812	0.9812	0.9811	0.5222	0.9197	0.9973	0.9606
32.5	0.9802	0.9805	0.9813	0.9815	0.5578	0.9269	0.9979	0.9536
32.6	0.9760	0.9777	0.9778	0.9784	0.5504	0.9137	0.9967	0.9385
32.7	0.9725	0.9730	0.9740	0.9735	0.6125	0.9005	0.9959	0.9217
32.8	0.9716	0.9692	0.9710	0.9714	0.6808	0.8822	0.9955	0.8720
32.9	0.9716	0.9705	0.9710	0.9720	0.6431	0.8848	0.9948	0.8505
33.0	0.9668	0.9662	0.9675	0.9673	0.6788	0.8765	0.9952	0.8127
33.1	0.9556	0.9558	0.9567	0.9584	0.5749	0.8616	0.9943	0.6972
33.2	0.9422	0.9504	0.9471	0.9486	0.4479	0.8465	0.9934	0.4614
33.3	0.9577	0.9622	0.9600	0.9622	0.6284	0.8691	0.9946	0.4099
33.4	0.9289	0.9327	0.9316	0.9360	0.6998	0.7813	0.9930	0.0947
33.5	0.9368	0.9401	0.9412	0.9433	0.7040	0.8167	0.9942	0.0075
33.6	0.9118	0.9229	0.9241	0.9202	0.6011	0.7845	0.9904	0.0047
33.7	0.9075	0.9325	0.9293	0.9230	0.7137	0.7964	0.9915	0.2111

33.8	0.8862	0.9200	0.9207	0.9070	0.7786	0.7288	0.9922	0.4846
33.9	0.8333	0.8846	0.8917	0.8565	0.8136	0.5440	0.9915	0.6382
34.0	0.8572	0.9080	0.9134	0.8779	0.7982	0.4984	0.9891	0.7147
34.1	0.9367	0.9585	0.9625	0.9424	0.8594	0.6939	0.9895	0.7847
34.2	0.9268	0.9398	0.9463	0.9259	0.8016	0.6993	0.9806	0.7172
34.3	0.9405	0.9422	0.9490	0.9352	0.8092	0.8050	0.9746	0.7301
34.4	0.9524	0.9588	0.9623	0.9514	0.8397	0.8744	0.9785	0.7095
34.5	0.9601	0.9618	0.9655	0.9587	0.8244	0.9102	0.9682	0.7328
34.6	0.9468	0.9491	0.9520	0.9445	0.8088	0.9081	0.9507	0.7553
34.7	0.9498	0.9464	0.9503	0.9448	0.7666	0.9230	0.9150	0.7760
34.8	0.9763	0.9759	0.9776	0.9752	0.8487	0.9678	0.9485	0.8990
34.9	0.9793	0.9763	0.9787	0.9755	0.8499	0.9725	0.9350	0.9251
35.0	0.9688	0.9701	0.9706	0.9675	0.8099	0.9683	0.8630	0.9251
35.1	0.9656	0.9665	0.9669	0.9653	0.8150	0.9683	0.7495	0.9317
35.2	0.9547	0.9586	0.9584	0.9557	0.7707	0.9598	0.7997	0.9330
35.3	0.9626	0.9695	0.9679	0.9666	0.7875	0.9740	0.8841	0.9619
35.4	0.9560	0.9612	0.9601	0.9592	0.8374	0.9718	0.9355	0.9667
35.5	0.9471	0.9513	0.9503	0.9501	0.8468	0.9670	0.9624	0.9666
35.6	0.9382	0.9557	0.9507	0.9503	0.8046	0.9676	0.9779	0.9715
35.7	0.9034	0.9359	0.9251	0.9281	0.7301	0.9580	0.9834	0.9707
35.8	0.8786	0.9339	0.9154	0.9254	0.6814	0.9590	0.9861	0.9742
35.9	0.8495	0.9205	0.8996	0.9161	0.7311	0.9580	0.9896	0.9786
36.0	0.8885	0.9468	0.9321	0.9454	0.7267	0.9750	0.9930	0.9879
36.1	0.7535	0.9209	0.8786	0.9181	0.7567	0.9641	0.9921	0.9848
36.2	0.5261	0.9058	0.8307	0.8860	0.7455	0.9529	0.9939	0.9839
36.3	0.2558	0.9301	0.8219	0.8928	0.7910	0.9640	0.9951	0.9885
36.4	0.0472	0.9295	0.7850	0.8964	0.8628	0.9733	0.9967	0.9927
36.5	0.3986	0.9164	0.7228	0.8627	0.8101	0.9663	0.9941	0.9916
36.6	0.6718	0.9104	0.7108	0.8301	0.8038	0.9634	0.9919	0.9908
36.7	0.7778	0.9054	0.7227	0.8167	0.8588	0.9711	0.9954	0.9937
36.8	0.7904	0.9110	0.6702	0.7781	0.8200	0.9677	0.9958	0.9943
36.9	0.8584	0.9276	0.7040	0.6294	0.7892	0.9579	0.9950	0.9927
37.0	0.9118	0.9209	0.8132	0.5844	0.7795	0.9631	0.9965	0.9945
37.1	0.9516	0.8986	0.8774	0.5635	0.8197	0.9678	0.9974	0.9958
37.2	0.9481	0.8848	0.8566	0.5851	0.7974	0.9663	0.9972	0.9955
37.3	0.9419	0.8810	0.8692	0.6292	0.7730	0.9630	0.9959	0.9954
37.4	0.9260	0.8446	0.8465	0.6122	0.7740	0.9447	0.9940	0.9931
37.5	0.9448	0.8494	0.9030	0.7346	0.8039	0.9346	0.9956	0.9940
37.6	0.9296	0.8461	0.9221	0.7852	0.8194	0.9372	0.9964	0.9949
37.7	0.9461	0.8532	0.9260	0.8067	0.8477	0.9416	0.9959	0.9948
37.8	0.9579	0.9018	0.9257	0.8440	0.8840	0.9480	0.9956	0.9954
37.9	0.9324	0.8921	0.9157	0.8538	0.8693	0.9150	0.9946	0.9938
38.0	0.9420	0.9210	0.9322	0.8695	0.8670	0.9058	0.9954	0.9931
38.1	0.9183	0.8961	0.9249	0.8636	0.8116	0.8948	0.9951	0.9928
38.2	0.9049	0.8904	0.9349	0.8900	0.8427	0.8890	0.9943	0.9925
38.3	0.9095	0.9063	0.9492	0.9205	0.8612	0.9033	0.9948	0.9930
38.4	0.9462	0.9485	0.9623	0.9492	0.8656	0.9196	0.9964	0.9953
38.5	0.9299	0.9488	0.9563	0.9408	0.8199	0.8787	0.9952	0.9938
38.6	0.9226	0.9373	0.9663	0.9431	0.8343	0.8149	0.9939	0.9937
38.7	0.9227	0.9528	0.9644	0.9400	0.8524	0.8093	0.9960	0.9939
38.8	0.9168	0.9566	0.9501	0.9279	0.8726	0.7735	0.9959	0.9928
38.9	0.9173	0.9625	0.9613	0.9447	0.8373	0.7686	0.9955	0.9944
39.0	0.9315	0.9651	0.9697	0.9616	0.8607	0.7891	0.9964	0.9959
39.1	0.9489	0.9716	0.9734	0.9639	0.8736	0.7515	0.9969	0.9962
39.2	0.9012	0.9589	0.9687	0.9544	0.8512	0.7144	0.9973	0.9960
39.3	0.8646	0.9587	0.9595	0.9585	0.8823	0.7203	0.9973	0.9958
39.4	0.8760	0.9725	0.9543	0.9523	0.8867	0.6828	0.9972	0.9955
39.5	0.8282	0.9575	0.9488	0.9426	0.8431	0.5028	0.9950	0.9946
39.6	0.8134	0.9673	0.9484	0.9543	0.8398	0.4546	0.9964	0.9947
39.7	0.7512	0.9724	0.9475	0.9549	0.8620	0.5400	0.9972	0.9956
39.8	0.7203	0.9628	0.9272	0.9437	0.8504	0.5144	0.9971	0.9948
39.9	0.7606	0.9707	0.9381	0.9475	0.8294	0.6109	0.9967	0.9966
40.0	0.6198	0.9629	0.9283	0.9366	0.8309	0.4726	0.9960	0.9957
40.1	0.5205	0.9628	0.9283	0.9513	0.8581	0.4266	0.9955	0.9960
40.2	0.4133	0.9511	0.9297	0.9565	0.8175	0.5550	0.9964	0.9960
40.3	0.4441	0.9600	0.9310	0.9520	0.8590	0.5945	0.9971	0.9958
40.4	0.5042	0.9612	0.9569	0.9604	0.8600	0.6586	0.9970	0.9965
40.5	0.5713	0.9528	0.9507	0.9485	0.8304	0.6882	0.9968	0.9964
40.6	0.5564	0.9434	0.9340	0.9404	0.7856	0.6581	0.9957	0.9962
40.7	0.7637	0.9390	0.9270	0.9480	0.7799	0.6438	0.9954	0.9963
40.8	0.7949	0.9389	0.9487	0.9541	0.7827	0.6504	0.9967	0.9968
40.9	0.8190	0.9300	0.9583	0.9582	0.8257	0.6549	0.9960	0.9963
41.0	0.8624	0.9551	0.9683	0.9642	0.8262	0.7297	0.9973	0.9965
41.1	0.8770	0.9441	0.9696	0.9645	0.7829	0.7732	0.9977	0.9969
41.2	0.8993	0.9280	0.9541	0.9581	0.7390	0.7569	0.9970	0.9960
41.3	0.9180	0.9429	0.9626	0.9706	0.7515	0.7925	0.9968	0.9959
41.4	0.9422	0.9483	0.9727	0.9756	0.7670	0.7574	0.9974	0.9961
41.5	0.9470	0.9572	0.9776	0.9764	0.7942	0.8167	0.9982	0.9975
41.6	0.9462	0.9477	0.9832	0.9754	0.7366	0.8439	0.9973	0.9972
41.7	0.9490	0.9417	0.9782	0.9772	0.7342	0.8818	0.9982	0.9974
41.8	0.9471	0.9391	0.9807	0.9830	0.7680	0.8873	0.9986	0.9980
41.9	0.9590	0.9458	0.9823	0.9783	0.6588	0.8979	0.9980	0.9978
42.0	0.9703	0.9401	0.9824	0.9729	0.6969	0.8843	0.9971	0.9965
42.1	0.9704	0.9397	0.9781	0.9746	0.7281	0.8805	0.9971	0.9965
42.2	0.9719	0.9368	0.9763	0.9759	0.7001	0.8943	0.9961	0.9960
42.3	0.9787	0.9461	0.9854	0.9823	0.7508	0.8878	0.9973	0.9964

42.4	0.9794	0.9453	0.9850	0.9831	0.8032	0.9044	0.9977	0.9971
42.5	0.9694	0.9317	0.9838	0.9773	0.7673	0.9160	0.9968	0.9967
42.6	0.9663	0.9232	0.9843	0.9734	0.8336	0.9145	0.9978	0.9970
42.7	0.9826	0.9407	0.9861	0.9789	0.8361	0.9460	0.9983	0.9981
42.8	0.9812	0.9605	0.9844	0.9811	0.8788	0.9499	0.9983	0.9983
42.9	0.9839	0.9574	0.9881	0.9867	0.8738	0.9512	0.9980	0.9985
43.0	0.9805	0.9286	0.9850	0.9768	0.8248	0.9440	0.9975	0.9973
43.1	0.9776	0.9339	0.9842	0.9813	0.8055	0.9561	0.9986	0.9983
43.2	0.9793	0.9425	0.9836	0.9839	0.8468	0.9724	0.9983	0.9979
43.3	0.9813	0.9120	0.9788	0.9738	0.8642	0.9519	0.9973	0.9970
43.4	0.9796	0.9321	0.9822	0.9771	0.8515	0.9453	0.9972	0.9979
43.5	0.9841	0.9455	0.9873	0.9860	0.8958	0.9545	0.9984	0.9985
43.6	0.9739	0.9341	0.9785	0.9774	0.8973	0.9460	0.9984	0.9976
43.7	0.9740	0.9468	0.9825	0.9799	0.8697	0.9560	0.9978	0.9974
43.8	0.9730	0.9477	0.9851	0.9844	0.8438	0.9632	0.9984	0.9980
43.9	0.9814	0.9587	0.9893	0.9860	0.8649	0.9658	0.9981	0.9977
44.0	0.9793	0.9581	0.9894	0.9810	0.8379	0.9550	0.9974	0.9975
44.1	0.9848	0.9714	0.9874	0.9862	0.8890	0.9673	0.9980	0.9978
44.2	0.9717	0.9676	0.9800	0.9765	0.9061	0.9671	0.9981	0.9975
44.3	0.9715	0.9663	0.9803	0.9765	0.8870	0.9668	0.9983	0.9967
44.4	0.9719	0.9688	0.9800	0.9794	0.8945	0.9688	0.9987	0.9965
44.5	0.9770	0.9760	0.9858	0.9828	0.8960	0.9701	0.9986	0.9977
44.6	0.9784	0.9756	0.9879	0.9843	0.9058	0.9741	0.9986	0.9976
44.7	0.9783	0.9733	0.9853	0.9816	0.9093	0.9768	0.9985	0.9974
44.8	0.9798	0.9716	0.9829	0.9809	0.8802	0.9733	0.9980	0.9978
44.9	0.9798	0.9660	0.9841	0.9792	0.9040	0.9789	0.9982	0.9980
45.0	0.9795	0.9774	0.9884	0.9817	0.9126	0.9781	0.9980	0.9979
45.1	0.9766	0.9689	0.9817	0.9755	0.9156	0.9585	0.9972	0.9965
45.2	0.9826	0.9660	0.9836	0.9806	0.8983	0.9610	0.9976	0.9971
45.3	0.9672	0.9502	0.9720	0.9685	0.8994	0.9625	0.9983	0.9951
45.4	0.9625	0.9555	0.9739	0.9671	0.9123	0.9691	0.9982	0.9948
45.5	0.9668	0.9687	0.9770	0.9700	0.9253	0.9759	0.9978	0.9953
45.6	0.9837	0.9813	0.9881	0.9838	0.9523	0.9862	0.9989	0.9974
45.7	0.9761	0.9612	0.9784	0.9743	0.9407	0.9797	0.9985	0.9964
45.8	0.9746	0.9569	0.9743	0.9724	0.9307	0.9704	0.9981	0.9956
45.9	0.9791	0.9817	0.9850	0.9818	0.9185	0.9782	0.9984	0.9982
46.0	0.9811	0.9809	0.9896	0.9818	0.9320	0.9795	0.9984	0.9979
46.1	0.9779	0.9674	0.9842	0.9790	0.9343	0.9801	0.9986	0.9963
46.2	0.9547	0.9604	0.9740	0.9658	0.9512	0.9834	0.9985	0.9961
46.3	0.9223	0.9574	0.9686	0.9602	0.9485	0.9774	0.9987	0.9960
46.4	0.9584	0.9692	0.9760	0.9727	0.9464	0.9796	0.9988	0.9944
46.5	0.9476	0.9546	0.9712	0.9575	0.9340	0.9779	0.9985	0.9940
46.6	0.9577	0.9583	0.9829	0.9684	0.9449	0.9786	0.9984	0.9956
46.7	0.9574	0.9593	0.9844	0.9696	0.9564	0.9812	0.9986	0.9963
46.8	0.9465	0.9481	0.9848	0.9672	0.9553	0.9828	0.9987	0.9955
46.9	0.9509	0.9413	0.9797	0.9630	0.9507	0.9848	0.9982	0.9966
47.0	0.9533	0.9460	0.9781	0.9715	0.9514	0.9800	0.9982	0.9951
47.1	0.9577	0.9459	0.9794	0.9695	0.9545	0.9845	0.9984	0.9962
47.2	0.9703	0.9466	0.9775	0.9625	0.9663	0.9877	0.9989	0.9970
47.3	0.9663	0.9307	0.9776	0.9663	0.9617	0.9835	0.9990	0.9961
47.4	0.9698	0.9213	0.9815	0.9669	0.9616	0.9763	0.9983	0.9935
47.5	0.9691	0.9427	0.9818	0.9677	0.9643	0.9808	0.9979	0.9942
47.6	0.9775	0.9515	0.9864	0.9751	0.9647	0.9831	0.9982	0.9961
47.7	0.9747	0.9455	0.9836	0.9736	0.9572	0.9816	0.9983	0.9957
47.8	0.9632	0.9293	0.9791	0.9672	0.9587	0.9834	0.9981	0.9954
47.9	0.9533	0.8944	0.9691	0.9576	0.9724	0.9861	0.9983	0.9947
48.0	0.9725	0.9233	0.9763	0.9645	0.9677	0.9831	0.9980	0.9958
48.1	0.9770	0.9389	0.9714	0.9614	0.9680	0.9836	0.9980	0.9954
48.2	0.9729	0.9186	0.9653	0.9588	0.9756	0.9830	0.9982	0.9961
48.3	0.9831	0.9338	0.9793	0.9741	0.9745	0.9844	0.9983	0.9964
48.4	0.9713	0.9085	0.9750	0.9619	0.9714	0.9819	0.9980	0.9939
48.5	0.9598	0.8915	0.9704	0.9562	0.9719	0.9818	0.9971	0.9924
48.6	0.9653	0.9097	0.9728	0.9646	0.9680	0.9823	0.9973	0.9939
48.7	0.9721	0.9309	0.9733	0.9692	0.9717	0.9729	0.9973	0.9946
48.8	0.9755	0.9497	0.9790	0.9737	0.9808	0.9811	0.9973	0.9949
48.9	0.9677	0.9437	0.9693	0.9654	0.9782	0.9863	0.9980	0.9935
49.0	0.9477	0.9058	0.9662	0.9668	0.9757	0.9850	0.9982	0.9931
49.1	0.9296	0.8923	0.9528	0.9592	0.9750	0.9823	0.9979	0.9955
49.2	0.8668	0.8363	0.9177	0.9427	0.9593	0.9743	0.9975	0.9929
49.3	0.8906	0.8775	0.9348	0.9509	0.9667	0.9774	0.9974	0.9946
49.4	0.9148	0.9210	0.9460	0.9539	0.9706	0.9799	0.9960	0.9938
49.5	0.9512	0.9486	0.9662	0.9698	0.9785	0.9845	0.9972	0.9937
49.6	0.9117	0.9245	0.9487	0.9546	0.9813	0.9877	0.9966	0.9956
49.7	0.6462	0.7201	0.8436	0.8657	0.9775	0.9842	0.9971	0.9945
49.8	0.6351	0.7058	0.8074	0.8269	0.9802	0.9784	0.9975	0.9937
49.9	0.8833	0.9097	0.9419	0.9434	0.9779	0.9776	0.9974	0.9944
50.0	0.9157	0.9261	0.9342	0.9447	0.9744	0.9572	0.9973	0.9879
50.1	0.9161	0.9216	0.9319	0.9415	0.9521	0.8846	0.9961	0.9675
50.2	0.9556	0.9592	0.9608	0.9625	0.9503	0.9114	0.9951	0.9786
50.3	0.9564	0.9545	0.9513	0.9537	0.9713	0.9726	0.9965	0.9874
50.4	0.9591	0.9558	0.9221	0.9309	0.9763	0.9739	0.9970	0.9874
50.5	0.9621	0.9573	0.9363	0.9462	0.9723	0.9792	0.9955	0.9907
50.6	0.9617	0.9600	0.9500	0.9577	0.9709	0.9842	0.9949	0.9935
50.7	0.9731	0.9610	0.9553	0.9670	0.9739	0.9835	0.9958	0.9925
50.8	0.9798	0.9724	0.9700	0.9759	0.9810	0.9841	0.9967	0.9943
50.9	0.9636	0.9641	0.9558	0.9593	0.9729	0.9763	0.9947	0.9923

51.0	0.9409	0.9555	0.9473	0.9504	0.9726	0.9743	0.9945	0.9883
51.1	0.9574	0.9599	0.9613	0.9623	0.9757	0.9772	0.9950	0.9899
51.2	0.9737	0.9772	0.9777	0.9792	0.9689	0.9783	0.9947	0.9920
51.3	0.9794	0.9809	0.9879	0.9877	0.9798	0.9864	0.9963	0.9915
51.4	0.9522	0.9578	0.9719	0.9739	0.9777	0.9776	0.9952	0.9881
51.5	0.9424	0.9574	0.9596	0.9628	0.9708	0.9813	0.9954	0.9879
51.6	0.9674	0.9707	0.9713	0.9743	0.9716	0.9899	0.9950	0.9892
51.7	0.9852	0.9841	0.9866	0.9872	0.9783	0.9905	0.9959	0.9925
51.8	0.9882	0.9856	0.9885	0.9884	0.9832	0.9918	0.9967	0.9940
51.9	0.9783	0.9776	0.9805	0.9807	0.9785	0.9905	0.9957	0.9909
52.0	0.9887	0.9891	0.9929	0.9928	0.9770	0.9925	0.9949	0.9945
52.1	0.9935	0.9882	0.9929	0.9925	0.9789	0.9941	0.9945	0.9957
52.2	0.9810	0.9859	0.9849	0.9833	0.9787	0.9951	0.9955	0.9923
52.3	0.9792	0.9823	0.9831	0.9815	0.9844	0.9949	0.9966	0.9924
52.4	0.9855	0.9756	0.9830	0.9835	0.9780	0.9918	0.9934	0.9916
52.5	0.9853	0.9798	0.9832	0.9833	0.9791	0.9928	0.9938	0.9872
52.6	0.9843	0.9823	0.9838	0.9835	0.9810	0.9960	0.9942	0.9905
52.7	0.9737	0.9754	0.9771	0.9748	0.9798	0.9961	0.9947	0.9900
52.8	0.9824	0.9806	0.9836	0.9819	0.9818	0.9961	0.9959	0.9922
52.9	0.9891	0.9890	0.9904	0.9908	0.9806	0.9945	0.9946	0.9955
53.0	0.9912	0.9897	0.9923	0.9922	0.9769	0.9954	0.9928	0.9952
53.1	0.9889	0.9846	0.9889	0.9886	0.9814	0.9955	0.9933	0.9932
53.2	0.9897	0.9853	0.9899	0.9897	0.9856	0.9967	0.9956	0.9945
53.3	0.9866	0.9897	0.9924	0.9923	0.9859	0.9969	0.9947	0.9929
53.4	0.9871	0.9877	0.9932	0.9924	0.9817	0.9950	0.9921	0.9909
53.5	0.9828	0.9889	0.9896	0.9880	0.9807	0.9951	0.9938	0.9914
53.6	0.9639	0.9782	0.9724	0.9699	0.9751	0.9953	0.9947	0.9886
53.7	0.9735	0.9849	0.9811	0.9795	0.9820	0.9968	0.9956	0.9912
53.8	0.9686	0.9820	0.9774	0.9759	0.9767	0.9964	0.9941	0.9908
53.9	0.9898	0.9907	0.9914	0.9913	0.9789	0.9973	0.9939	0.9941
54.0	0.9913	0.9893	0.9921	0.9916	0.9833	0.9972	0.9940	0.9942
54.1	0.9775	0.9852	0.9835	0.9815	0.9780	0.9957	0.9934	0.9886
54.2	0.9636	0.9781	0.9726	0.9711	0.9724	0.9947	0.9924	0.9866
54.3	0.9819	0.9824	0.9826	0.9818	0.9667	0.9963	0.9916	0.9898
54.4	0.9892	0.9890	0.9899	0.9889	0.9735	0.9962	0.9932	0.9923
54.5	0.9891	0.9909	0.9908	0.9894	0.9777	0.9967	0.9912	0.9907
54.6	0.9786	0.9884	0.9865	0.9837	0.9763	0.9961	0.9913	0.9876
54.7	0.9729	0.9900	0.9866	0.9830	0.9806	0.9960	0.9918	0.9855
54.8	0.9727	0.9906	0.9853	0.9834	0.9746	0.9951	0.9920	0.9827
54.9	0.9890	0.9927	0.9911	0.9907	0.9766	0.9974	0.9938	0.9929
55.0	0.9954	0.9945	0.9953	0.9953	0.9852	0.9978	0.9938	0.9949
55.1	0.9929	0.9925	0.9937	0.9938	0.9823	0.9971	0.9896	0.9914
55.2	0.9905	0.9916	0.9927	0.9918	0.9691	0.9962	0.9912	0.9885
55.3	0.9902	0.9916	0.9925	0.9917	0.9658	0.9937	0.9849	0.9879
55.4	0.9921	0.9924	0.9934	0.9924	0.9763	0.9952	0.9874	0.9918
55.5	0.9873	0.9885	0.9886	0.9865	0.9710	0.9952	0.9890	0.9873
55.6	0.9916	0.9925	0.9926	0.9915	0.9818	0.9965	0.9896	0.9910
55.7	0.9949	0.9949	0.9958	0.9951	0.9822	0.9975	0.9910	0.9916
55.8	0.9945	0.9958	0.9962	0.9959	0.9782	0.9976	0.9928	0.9916
55.9	0.9886	0.9920	0.9915	0.9912	0.9750	0.9955	0.9890	0.9868
56.0	0.9742	0.9854	0.9814	0.9804	0.9688	0.9948	0.9847	0.9847
56.1	0.9814	0.9891	0.9863	0.9852	0.9776	0.9955	0.9900	0.9859
56.2	0.9888	0.9918	0.9906	0.9908	0.9744	0.9962	0.9878	0.9882
56.3	0.9899	0.9929	0.9921	0.9923	0.9778	0.9963	0.9877	0.9913
56.4	0.9912	0.9928	0.9924	0.9925	0.9807	0.9970	0.9905	0.9915
56.5	0.9914	0.9918	0.9928	0.9918	0.9827	0.9968	0.9898	0.9903
56.6	0.9913	0.9905	0.9913	0.9913	0.9774	0.9966	0.9887	0.9879
56.7	0.9898	0.9887	0.9893	0.9892	0.9739	0.9958	0.9858	0.9871
56.8	0.9908	0.9915	0.9915	0.9914	0.9713	0.9957	0.9862	0.9884
56.9	0.9935	0.9942	0.9941	0.9942	0.9777	0.9966	0.9877	0.9909
57.0	0.9928	0.9933	0.9929	0.9938	0.9733	0.9973	0.9836	0.9911
57.1	0.9900	0.9904	0.9908	0.9892	0.9697	0.9967	0.9831	0.9879
57.2	0.9869	0.9915	0.9891	0.9883	0.9750	0.9963	0.9884	0.9880
57.3	0.9936	0.9947	0.9944	0.9943	0.9763	0.9976	0.9913	0.9929
57.4	0.9915	0.9915	0.9923	0.9909	0.9701	0.9965	0.9883	0.9884
57.5	0.9939	0.9935	0.9938	0.9928	0.9667	0.9971	0.9804	0.9851
57.6	0.9938	0.9928	0.9936	0.9933	0.9716	0.9973	0.9824	0.9855
57.7	0.9937	0.9935	0.9939	0.9938	0.9780	0.9974	0.9855	0.9880
57.8	0.9910	0.9927	0.9923	0.9925	0.9767	0.9970	0.9832	0.9891
57.9	0.9901	0.9924	0.9917	0.9914	0.9632	0.9955	0.9824	0.9862
58.0	0.9919	0.9936	0.9928	0.9926	0.9688	0.9959	0.9813	0.9870
58.1	0.9934	0.9936	0.9936	0.9940	0.9751	0.9972	0.9841	0.9891
58.2	0.9920	0.9901	0.9921	0.9928	0.9707	0.9969	0.9849	0.9890
58.3	0.9901	0.9903	0.9904	0.9921	0.9678	0.9966	0.9825	0.9914
58.4	0.9907	0.9930	0.9919	0.9928	0.9703	0.9969	0.9821	0.9909
58.5	0.9913	0.9938	0.9931	0.9932	0.9757	0.9966	0.9824	0.9904
58.6	0.9889	0.9926	0.9908	0.9910	0.9753	0.9959	0.9803	0.9859
58.7	0.9881	0.9922	0.9897	0.9900	0.9733	0.9957	0.9783	0.9860
58.8	0.9902	0.9926	0.9917	0.9910	0.9688	0.9962	0.9705	0.9876
58.9	0.9890	0.9917	0.9906	0.9904	0.9675	0.9952	0.9724	0.9849
59.0	0.9902	0.9917	0.9910	0.9906	0.9721	0.9952	0.9764	0.9866
59.1	0.9891	0.9903	0.9903	0.9897	0.9692	0.9945	0.9623	0.9839
59.2	0.9919	0.9938	0.9931	0.9935	0.9674	0.9962	0.9707	0.9880
59.3	0.9898	0.9926	0.9912	0.9918	0.9735	0.9957	0.9671	0.9853
59.4	0.9920	0.9932	0.9924	0.9926	0.9742	0.9962	0.9605	0.9870
59.5	0.9912	0.9933	0.9923	0.9930	0.9727	0.9957	0.9550	0.9870

59.6	0.9899	0.9911	0.9913	0.9914	0.9694	0.9948	0.9537	0.9836
59.7	0.9905	0.9920	0.9916	0.9917	0.9740	0.9947	0.9642	0.9821
59.8	0.9927	0.9948	0.9936	0.9939	0.9786	0.9961	0.9683	0.9881
59.9	0.9883	0.9906	0.9833	0.9778	0.9314	0.9532	0.9585	0.9076
60.0	0.9703	0.9730	0.9411	0.9164	0.7928	0.8057	0.8985	0.6700
60.1	0.9823	0.9863	0.9731	0.9636	0.8765	0.9276	0.9277	0.8567
60.2	0.9908	0.9926	0.9916	0.9917	0.9755	0.9947	0.9703	0.9852
60.3	0.9901	0.9923	0.9905	0.9912	0.9800	0.9943	0.9696	0.9876
60.4	0.9907	0.9926	0.9912	0.9920	0.9711	0.9948	0.9571	0.9845
60.5	0.9918	0.9919	0.9916	0.9928	0.9684	0.9949	0.9542	0.9835
60.6	0.9922	0.9923	0.9917	0.9931	0.9643	0.9959	0.9527	0.9858
60.7	0.9910	0.9937	0.9924	0.9933	0.9613	0.9957	0.9602	0.9874
60.8	0.9886	0.9919	0.9903	0.9905	0.9600	0.9937	0.9653	0.9842
60.9	0.9934	0.9951	0.9945	0.9949	0.9715	0.9963	0.9783	0.9892
61.0	0.9928	0.9947	0.9932	0.9943	0.9614	0.9957	0.9794	0.9876
61.1	0.9905	0.9936	0.9919	0.9925	0.9584	0.9958	0.9738	0.9858
61.2	0.9897	0.9921	0.9908	0.9911	0.9547	0.9955	0.9769	0.9857
61.3	0.9918	0.9924	0.9918	0.9919	0.9636	0.9951	0.9747	0.9865
61.4	0.9904	0.9915	0.9908	0.9916	0.9677	0.9947	0.9622	0.9855
61.5	0.9919	0.9930	0.9924	0.9928	0.9495	0.9952	0.9594	0.9847
61.6	0.9935	0.9938	0.9937	0.9943	0.9475	0.9956	0.9681	0.9860
61.7	0.9927	0.9927	0.9929	0.9936	0.9645	0.9957	0.9678	0.9855
61.8	0.9948	0.9946	0.9948	0.9947	0.9764	0.9970	0.9777	0.9887
61.9	0.9929	0.9935	0.9940	0.9937	0.9738	0.9958	0.9727	0.9884
62.0	0.9872	0.9904	0.9888	0.9899	0.9700	0.9933	0.9517	0.9779
62.1	0.9906	0.9932	0.9922	0.9940	0.9695	0.9950	0.9619	0.9845
62.2	0.9914	0.9930	0.9931	0.9941	0.9756	0.9954	0.9692	0.9836
62.3	0.9887	0.9930	0.9918	0.9933	0.9745	0.9949	0.9647	0.9802
62.4	0.9885	0.9932	0.9913	0.9923	0.9686	0.9951	0.9490	0.9718
62.5	0.9888	0.9932	0.9917	0.9929	0.9679	0.9954	0.9538	0.9732
62.6	0.9874	0.9917	0.9900	0.9924	0.9606	0.9949	0.9571	0.9610
62.7	0.9891	0.9926	0.9917	0.9926	0.9642	0.9948	0.9321	0.9630
62.8	0.9915	0.9936	0.9929	0.9935	0.9688	0.9956	0.9594	0.9771
62.9	0.9911	0.9916	0.9909	0.9921	0.9733	0.9940	0.9547	0.9734
63.0	0.9894	0.9916	0.9905	0.9915	0.9659	0.9939	0.9468	0.9718
63.1	0.9855	0.9905	0.9893	0.9897	0.9595	0.9939	0.9447	0.9721
63.2	0.9842	0.9896	0.9884	0.9901	0.9565	0.9941	0.9244	0.9594
63.3	0.9813	0.9873	0.9847	0.9872	0.9540	0.9924	0.8806	0.9464
63.4	0.9833	0.9898	0.9870	0.9895	0.9572	0.9924	0.9094	0.9566
63.5	0.9828	0.9908	0.9864	0.9900	0.9361	0.9936	0.8876	0.9512
63.6	0.9849	0.9902	0.9874	0.9886	0.9292	0.9942	0.8532	0.9278
63.7	0.9869	0.9910	0.9891	0.9898	0.9548	0.9936	0.8924	0.9409
63.8	0.9875	0.9917	0.9899	0.9910	0.9632	0.9945	0.9134	0.9341
63.9	0.9836	0.9909	0.9892	0.9899	0.9423	0.9948	0.8777	0.9165
64.0	0.9859	0.9913	0.9893	0.9913	0.9437	0.9946	0.8486	0.9128
64.1	0.9854	0.9884	0.9869	0.9890	0.9482	0.9947	0.8311	0.8192
64.2	0.9845	0.9882	0.9867	0.9866	0.9223	0.9954	0.7685	0.7309
64.3	0.9842	0.9895	0.9870	0.9880	0.9113	0.9943	0.7391	0.7755
64.4	0.9822	0.9882	0.9859	0.9867	0.8862	0.9946	0.7244	0.7530
64.5	0.9833	0.9891	0.9871	0.9872	0.9000	0.9944	0.6948	0.6748
64.6	0.9865	0.9899	0.9880	0.9902	0.9357	0.9950	0.7043	0.6194
64.7	0.9866	0.9912	0.9903	0.9901	0.9377	0.9953	0.7167	0.5767
64.8	0.9840	0.9931	0.9897	0.9905	0.9156	0.9950	0.6449	0.3603
64.9	0.9804	0.9893	0.9863	0.9867	0.9055	0.9946	0.5343	0.1826
65.0	0.9783	0.9819	0.9814	0.9824	0.9357	0.9935	0.4483	0.1942
65.1	0.9740	0.9782	0.9758	0.9774	0.9110	0.9926	0.3153	0.1789
65.2	0.9800	0.9827	0.9801	0.9811	0.9069	0.9912	0.2665	0.2840
65.3	0.9817	0.9830	0.9846	0.9824	0.9285	0.9934	0.3014	0.3679
65.4	0.9786	0.9808	0.9840	0.9794	0.9181	0.9937	0.3819	0.3753
65.5	0.9751	0.9772	0.9828	0.9785	0.9172	0.9915	0.3149	0.4642
65.6	0.9753	0.9855	0.9817	0.9821	0.9164	0.9934	0.4272	0.5549
65.7	0.9703	0.9828	0.9792	0.9771	0.9115	0.9925	0.4126	0.6463
65.8	0.9642	0.9722	0.9749	0.9698	0.9102	0.9907	0.5452	0.6686
65.9	0.9591	0.9673	0.9722	0.9625	0.9047	0.9915	0.4659	0.6899
66.0	0.9458	0.9699	0.9681	0.9582	0.8981	0.9938	0.4169	0.6984
66.1	0.9528	0.9711	0.9717	0.9633	0.9218	0.9940	0.6313	0.7654
66.2	0.9573	0.9693	0.9717	0.9626	0.9209	0.9911	0.6641	0.8240
66.3	0.9510	0.9658	0.9728	0.9592	0.9186	0.9928	0.7513	0.8091
66.4	0.9550	0.9594	0.9708	0.9567	0.9202	0.9931	0.6874	0.8421
66.5	0.9495	0.9571	0.9667	0.9510	0.9008	0.9926	0.7288	0.8904
66.6	0.9357	0.9583	0.9625	0.9415	0.8872	0.9911	0.8199	0.9177
66.7	0.9251	0.9527	0.9525	0.9373	0.8786	0.9913	0.8542	0.8927
66.8	0.9127	0.9449	0.9480	0.9252	0.8733	0.9901	0.8507	0.8992
66.9	0.9089	0.9431	0.9486	0.9198	0.9077	0.9898	0.8332	0.8937
67.0	0.9234	0.9419	0.9513	0.9227	0.9138	0.9913	0.8369	0.9054
67.1	0.8912	0.9252	0.9447	0.9082	0.8443	0.9880	0.7962	0.9225
67.2	0.9123	0.9454	0.9566	0.9205	0.8533	0.9898	0.8425	0.9283
67.3	0.9113	0.9436	0.9520	0.9089	0.8728	0.9897	0.8434	0.9222
67.4	0.8730	0.9102	0.9320	0.8552	0.8514	0.9821	0.7759	0.9115
67.5	0.8740	0.9288	0.9392	0.8706	0.8453	0.9831	0.8156	0.9192
67.6	0.8759	0.9175	0.9336	0.8679	0.8487	0.9828	0.8408	0.9269
67.7	0.8905	0.9313	0.9447	0.8796	0.8758	0.9830	0.8812	0.9388
67.8	0.9076	0.9459	0.9553	0.9033	0.8419	0.9820	0.8778	0.9430
67.9	0.8760	0.9382	0.9505	0.8729	0.8457	0.9803	0.8901	0.9387
68.0	0.8609	0.9331	0.9447	0.8732	0.8512	0.9818	0.9159	0.9449
68.1	0.8811	0.9298	0.9465	0.8887	0.8266	0.9762	0.8889	0.9439

68.2	0.8765	0.9189	0.9373	0.8774	0.7897	0.9670	0.8427	0.9326
68.3	0.8850	0.9329	0.9459	0.8729	0.8508	0.9722	0.8756	0.9330
68.4	0.8977	0.9178	0.9403	0.8642	0.8767	0.9676	0.8742	0.9347
68.5	0.8946	0.9151	0.9386	0.8613	0.8247	0.9678	0.8827	0.9467
68.6	0.9106	0.9281	0.9478	0.8840	0.7636	0.9646	0.8709	0.9437
68.7	0.9016	0.9245	0.9444	0.8791	0.8267	0.9589	0.8821	0.9491
68.8	0.8908	0.9267	0.9452	0.8710	0.7766	0.9578	0.8973	0.9407
68.9	0.8953	0.9428	0.9493	0.8879	0.6737	0.9561	0.8957	0.9395
69.0	0.9092	0.9339	0.9529	0.8793	0.7618	0.9648	0.9035	0.9432
69.1	0.9293	0.9421	0.9577	0.8957	0.8011	0.9598	0.8783	0.9440
69.2	0.9266	0.9328	0.9546	0.8929	0.8052	0.9556	0.8991	0.9273
69.3	0.9334	0.9316	0.9561	0.9003	0.7469	0.9572	0.8912	0.9314
69.4	0.9366	0.9312	0.9601	0.8980	0.7573	0.9633	0.9004	0.9296
69.5	0.9518	0.9518	0.9670	0.9286	0.7058	0.9608	0.9057	0.9475
69.6	0.9564	0.9534	0.9674	0.9373	0.7549	0.9532	0.8943	0.9352
69.7	0.9577	0.9456	0.9623	0.9359	0.8083	0.9626	0.9015	0.9068
69.8	0.9499	0.9365	0.9569	0.9210	0.7925	0.9755	0.9169	0.8825
69.9	0.9518	0.9532	0.9680	0.9358	0.6774	0.9748	0.8734	0.9154
70.0	0.9529	0.9437	0.9678	0.9308	0.7027	0.9726	0.8680	0.8968
70.1	0.9543	0.9440	0.9635	0.9377	0.7382	0.9711	0.8797	0.8969
70.2	0.9540	0.9413	0.9594	0.9320	0.7926	0.9766	0.9029	0.8913
70.3	0.9624	0.9343	0.9622	0.9332	0.7642	0.9796	0.9125	0.8998
70.4	0.9706	0.9542	0.9738	0.9517	0.7919	0.9840	0.9164	0.9126
70.5	0.9459	0.9435	0.9645	0.9299	0.7903	0.9858	0.9038	0.8486
70.6	0.9293	0.9346	0.9482	0.9284	0.7344	0.9821	0.9146	0.8265
70.7	0.9651	0.9458	0.9616	0.9529	0.7046	0.9840	0.9295	0.8957
70.8	0.9483	0.9291	0.9490	0.9375	0.7181	0.9826	0.9295	0.8897
70.9	0.9330	0.9339	0.9475	0.9285	0.7155	0.9822	0.9317	0.8767
71.0	0.9389	0.9396	0.9545	0.9380	0.7557	0.9808	0.9254	0.8653
71.1	0.9466	0.9539	0.9627	0.9495	0.7256	0.9807	0.9291	0.8890
71.2	0.9383	0.9411	0.9533	0.9452	0.7750	0.9859	0.9400	0.8879
71.3	0.9170	0.9326	0.9474	0.9340	0.8007	0.9868	0.9543	0.8684
71.4	0.9333	0.9497	0.9654	0.9523	0.7563	0.9858	0.9460	0.9005
71.5	0.9445	0.9436	0.9644	0.9513	0.7598	0.9837	0.9269	0.9026
71.6	0.9354	0.9356	0.9505	0.9398	0.7368	0.9766	0.9209	0.8942
71.7	0.9254	0.9492	0.9523	0.9488	0.6935	0.9754	0.9232	0.9143
71.8	0.9349	0.9508	0.9582	0.9519	0.6627	0.9770	0.9336	0.9077
71.9	0.9471	0.9478	0.9598	0.9568	0.6415	0.9783	0.9434	0.9173
72.0	0.9348	0.9524	0.9614	0.9530	0.6063	0.9765	0.9351	0.9183
72.1	0.9389	0.9617	0.9710	0.9585	0.5818	0.9724	0.9238	0.9093
72.2	0.9445	0.9651	0.9642	0.9608	0.6140	0.9745	0.9290	0.9130
72.3	0.9358	0.9518	0.9602	0.9577	0.6343	0.9784	0.9331	0.9173
72.4	0.9218	0.9462	0.9579	0.9520	0.6170	0.9795	0.9127	0.9055
72.5	0.9268	0.9471	0.9653	0.9582	0.6216	0.9798	0.9215	0.9067
72.6	0.9395	0.9347	0.9705	0.9653	0.6051	0.9808	0.9210	0.9056
72.7	0.9485	0.9371	0.9677	0.9648	0.4772	0.9803	0.9278	0.9074
72.8	0.9298	0.9477	0.9619	0.9606	0.5528	0.9804	0.9291	0.8819
72.9	0.9339	0.9543	0.9688	0.9636	0.4848	0.9838	0.9181	0.8857
73.0	0.9386	0.9584	0.9712	0.9678	0.4868	0.9858	0.9193	0.9063
73.1	0.9144	0.9412	0.9659	0.9556	0.4557	0.9818	0.8990	0.8762
73.2	0.9312	0.9390	0.9637	0.9564	0.5042	0.9816	0.9172	0.8892
73.3	0.9426	0.9502	0.9727	0.9666	0.5742	0.9851	0.9520	0.9085
73.4	0.9393	0.9577	0.9748	0.9665	0.6227	0.9865	0.9580	0.9151
73.5	0.9347	0.9417	0.9644	0.9646	0.5475	0.9851	0.9214	0.9057
73.6	0.9358	0.9608	0.9595	0.9680	0.4357	0.9859	0.9312	0.9116
73.7	0.9448	0.9626	0.9672	0.9667	0.5509	0.9902	0.9361	0.9065
73.8	0.9347	0.9649	0.9594	0.9572	0.4988	0.9896	0.8986	0.8732
73.9	0.9183	0.9450	0.9543	0.9479	0.4587	0.9894	0.8970	0.8471
74.0	0.9336	0.9582	0.9623	0.9527	0.3998	0.9875	0.9180	0.8643
74.1	0.9405	0.9430	0.9541	0.9581	0.3616	0.9891	0.9095	0.8755
74.2	0.9287	0.9465	0.9437	0.9412	0.3927	0.9868	0.8727	0.8798
74.3	0.9257	0.9588	0.9384	0.9320	0.4862	0.9863	0.8787	0.8421
74.4	0.9182	0.9534	0.9317	0.9289	0.4561	0.9868	0.8818	0.8257
74.5	0.9272	0.9358	0.9481	0.9461	0.3363	0.9908	0.8507	0.8602
74.6	0.9302	0.9266	0.9542	0.9453	0.3061	0.9923	0.8644	0.8636
74.7	0.9299	0.9491	0.9405	0.9430	0.4038	0.9888	0.8725	0.8681
74.8	0.9368	0.9669	0.9321	0.9488	0.6136	0.9890	0.9070	0.8945
74.9	0.9304	0.9514	0.9096	0.9441	0.4094	0.9878	0.8526	0.8783
75.0	0.9327	0.9509	0.9192	0.9361	0.3177	0.9903	0.7926	0.8826
75.1	0.9308	0.9505	0.9234	0.9423	0.4678	0.9912	0.7998	0.9060
75.2	0.9204	0.9325	0.9081	0.9289	0.4172	0.9897	0.7451	0.8826
75.3	0.9345	0.9329	0.9262	0.9365	0.4211	0.9903	0.8008	0.8899
75.4	0.9149	0.9359	0.9082	0.9174	0.3576	0.9884	0.7915	0.8543
75.5	0.9111	0.9090	0.9000	0.9232	0.1826	0.9909	0.7795	0.8415
75.6	0.9209	0.8693	0.8937	0.9244	0.1944	0.9912	0.6947	0.8698
75.7	0.9331	0.9099	0.9033	0.9364	0.4110	0.9894	0.7403	0.9015
75.8	0.9412	0.9253	0.9108	0.9467	0.3347	0.9888	0.8048	0.9139
75.9	0.9359	0.9126	0.8934	0.9397	0.3389	0.9892	0.7980	0.9120
76.0	0.9335	0.8960	0.8993	0.9376	0.2958	0.9896	0.7518	0.8995
76.1	0.9075	0.8493	0.8792	0.9254	0.3113	0.9843	0.7236	0.8786
76.2	0.9161	0.8449	0.8753	0.9292	0.2983	0.9880	0.7576	0.8923
76.3	0.9235	0.8738	0.8830	0.9298	0.3523	0.9890	0.7918	0.8944
76.4	0.9476	0.8832	0.9142	0.9490	0.4441	0.9883	0.8415	0.9331
76.5	0.9442	0.8421	0.9143	0.9532	0.5029	0.9892	0.8840	0.9287
76.6	0.9035	0.7702	0.8682	0.9279	0.4184	0.9815	0.8326	0.8815
76.7	0.8941	0.7966	0.8295	0.9239	0.3082	0.9802	0.8519	0.8927

76.8	0.8918	0.7886	0.8173	0.9162	0.3965	0.9792	0.8697	0.8639
76.9	0.9247	0.8701	0.9077	0.9378	0.4971	0.9828	0.8994	0.9123
77.0	0.9261	0.8780	0.8943	0.9427	0.6171	0.9852	0.9299	0.9235
77.1	0.9328	0.8594	0.8915	0.9353	0.5386	0.9831	0.9008	0.9344
77.2	0.9356	0.8793	0.9098	0.9419	0.4765	0.9817	0.9034	0.9412
77.3	0.9133	0.8814	0.8760	0.9274	0.5112	0.9825	0.9210	0.9274
77.4	0.9319	0.8992	0.9024	0.9406	0.5362	0.9799	0.9431	0.9486
77.5	0.9217	0.8971	0.9010	0.9297	0.4339	0.9748	0.9275	0.9331
77.6	0.9255	0.9239	0.9136	0.9409	0.6625	0.9679	0.9478	0.9354
77.7	0.8966	0.8932	0.8826	0.9098	0.6415	0.9629	0.9466	0.9192
77.8	0.9336	0.9273	0.9300	0.9348	0.7039	0.9732	0.9600	0.9523
77.9	0.9387	0.9298	0.9322	0.9421	0.7131	0.9644	0.9637	0.9542
78.0	0.9465	0.9440	0.9428	0.9520	0.7335	0.9588	0.9591	0.9563
78.1	0.9482	0.9538	0.9539	0.9523	0.6979	0.9516	0.9656	0.9578
78.2	0.9271	0.9342	0.9315	0.9364	0.6304	0.9446	0.9547	0.9444
78.3	0.9483	0.9525	0.9481	0.9544	0.6937	0.9477	0.9550	0.9627
78.4	0.9703	0.9685	0.9699	0.9714	0.7662	0.9512	0.9691	0.9759
78.5	0.9502	0.9501	0.9533	0.9508	0.5527	0.9393	0.9611	0.9553
78.6	0.9490	0.9558	0.9556	0.9528	0.5745	0.9494	0.9693	0.9559
78.7	0.9501	0.9591	0.9538	0.9588	0.6478	0.9539	0.9762	0.9590
78.8	0.9403	0.9517	0.9456	0.9465	0.6574	0.9426	0.9611	0.9478
78.9	0.9635	0.9711	0.9706	0.9689	0.5953	0.9613	0.9638	0.9691
79.0	0.9546	0.9656	0.9578	0.9611	0.4542	0.9485	0.9626	0.9573
79.1	0.9361	0.9583	0.9422	0.9430	0.4940	0.9491	0.9637	0.9441
79.2	0.9346	0.9608	0.9382	0.9414	0.5970	0.9532	0.9691	0.9523
79.3	0.9452	0.9658	0.9538	0.9478	0.5207	0.9434	0.9707	0.9589
79.4	0.9522	0.9691	0.9615	0.9516	0.5886	0.9397	0.9744	0.9606
79.5	0.9585	0.9698	0.9687	0.9564	0.6663	0.9498	0.9800	0.9676
79.6	0.9545	0.9698	0.9630	0.9579	0.6340	0.9612	0.9755	0.9631
79.7	0.9611	0.9648	0.9628	0.9614	0.6228	0.9634	0.9793	0.9632
79.8	0.9679	0.9675	0.9681	0.9674	0.6415	0.9601	0.9763	0.9697
79.9	0.9662	0.9697	0.9694	0.9669	0.6758	0.9572	0.9792	0.9671
80.0	0.9719	0.9775	0.9740	0.9756	0.6628	0.9721	0.9816	0.9749

1.2.17 Run 5 – VTC – NF and AF gauges

Vertical shaking on center. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.8998	0.9661	0.9227	0.8177	0.7729	0.9463	0.6503	0.5070
0.1	0.8772	0.9812	0.9166	0.6680	0.6758	0.8787	0.0724	0.0210
0.2	0.9841	0.9927	0.9939	0.9885	0.7568	0.9234	0.2071	0.1651
0.3	0.9551	0.9652	0.9204	0.8801	0.6281	0.8703	0.2637	0.1766
0.4	0.8887	0.9463	0.7462	0.8400	0.3086	0.8491	0.4059	0.4666
0.5	0.9600	0.9853	0.8444	0.9410	0.3674	0.9459	0.6774	0.6896
0.6	0.9897	0.9956	0.9527	0.9482	0.5263	0.9669	0.8287	0.7732
0.7	0.9939	0.9971	0.9915	0.9860	0.6934	0.9668	0.7939	0.7002
0.8	0.9894	0.9936	0.8257	0.7768	0.7726	0.9623	0.6778	0.6426
0.9	0.9855	0.9908	0.5661	0.7976	0.7107	0.9571	0.6981	0.7088
1.0	0.9773	0.9908	0.9043	0.9646	0.5822	0.9604	0.7750	0.7686
1.1	0.9849	0.9939	0.9969	0.9983	0.4157	0.9798	0.8833	0.7839
1.2	0.9963	0.9985	0.9987	0.9991	0.6991	0.9950	0.9478	0.8705
1.3	0.9962	0.9987	0.9988	0.9989	0.6304	0.9933	0.9401	0.8668
1.4	0.9958	0.9985	0.9985	0.9988	0.5370	0.9873	0.9347	0.8341
1.5	0.9964	0.9989	0.9990	0.9992	0.4960	0.9910	0.9609	0.8756
1.6	0.9960	0.9992	0.9991	0.9992	0.2926	0.9918	0.9669	0.9015
1.7	0.9922	0.9983	0.9986	0.9989	0.3476	0.9885	0.9566	0.8726
1.8	0.9695	0.9938	0.9974	0.9978	0.5611	0.9684	0.8983	0.8269
1.9	0.9180	0.9777	0.9973	0.9975	0.5868	0.9024	0.7563	0.7249
2.0	0.9753	0.9850	0.9979	0.9984	0.8700	0.9380	0.8460	0.8148
2.1	0.9879	0.9921	0.9965	0.9975	0.9137	0.9416	0.8724	0.8465
2.2	0.9737	0.9756	0.9966	0.9972	0.7649	0.5567	0.5814	0.5350
2.3	0.9849	0.9825	0.9984	0.9989	0.7402	0.1587	0.5465	0.4880
2.4	0.9865	0.9916	0.9986	0.9987	0.4564	0.3908	0.3655	0.3637
2.5	0.9967	0.9979	0.9991	0.9989	0.4516	0.8796	0.6572	0.7018
2.6	0.9963	0.9981	0.9988	0.9987	0.7830	0.9720	0.8219	0.7968
2.7	0.9958	0.9975	0.9982	0.9986	0.9083	0.9772	0.8204	0.6933
2.8	0.9940	0.9967	0.9986	0.9991	0.9363	0.9767	0.7964	0.6999
2.9	0.9925	0.9948	0.9987	0.9989	0.9238	0.9725	0.7392	0.6510
3.0	0.9960	0.9971	0.9985	0.9983	0.9203	0.9714	0.6189	0.5279
3.1	0.9968	0.9976	0.9981	0.9981	0.9184	0.9733	0.6550	0.5595
3.2	0.9843	0.9930	0.9962	0.9959	0.7627	0.9430	0.5540	0.4679
3.3	0.9801	0.9842	0.9959	0.9956	0.7730	0.9304	0.3683	0.2632
3.4	0.9881	0.9896	0.9954	0.9963	0.8783	0.9110	0.1610	0.0772
3.5	0.9827	0.9883	0.9890	0.9897	0.8245	0.8159	0.2309	0.1496
3.6	0.9264	0.9429	0.9756	0.9677	0.5362	0.5900	0.2353	0.1850
3.7	0.9729	0.9886	0.9925	0.9913	0.5693	0.9012	0.5680	0.3926
3.8	0.9974	0.9990	0.9989	0.9992	0.9154	0.9883	0.9130	0.8008
3.9	0.9988	0.9994	0.9997	0.9998	0.9722	0.9948	0.9595	0.9124
4.0	0.9990	0.9995	0.9998	0.9998	0.9818	0.9960	0.9582	0.9403
4.1	0.9994	0.9997	0.9998	0.9998	0.9871	0.9973	0.9626	0.9222
4.2	0.9992	0.9995	0.9996	0.9997	0.9810	0.9953	0.9397	0.8601
4.3	0.9983	0.9993	0.9993	0.9995	0.9714	0.9900	0.8906	0.7911
4.4	0.9983	0.9993	0.9994	0.9994	0.9738	0.9906	0.8642	0.7258
4.5	0.9977	0.9990	0.9991	0.9988	0.9647	0.9856	0.6746	0.5137
4.6	0.9979	0.9989	0.9988	0.9989	0.9607	0.9808	0.4760	0.5007
4.7	0.9974	0.9983	0.9985	0.9987	0.9317	0.9702	0.2011	0.3626
4.8	0.9958	0.9972	0.9974	0.9973	0.9315	0.9478	0.1137	0.2328
4.9	0.9939	0.9962	0.9963	0.9964	0.9298	0.9411	0.4453	0.2510
5.0	0.9951	0.9973	0.9975	0.9972	0.8962	0.9682	0.4732	0.3968
5.1	0.9979	0.9986	0.9990	0.9988	0.9430	0.9786	0.6390	0.5610
5.2	0.9970	0.9982	0.9987	0.9987	0.9107	0.9597	0.3945	0.4905
5.3	0.9945	0.9954	0.9976	0.9972	0.8953	0.9367	0.4170	0.1973
5.4	0.9833	0.9779	0.9909	0.9895	0.7999	0.6582	0.4154	0.0730
5.5	0.9850	0.9795	0.9906	0.9864	0.8438	0.2715	0.5994	0.2311
5.6	0.9806	0.9845	0.9912	0.9917	0.8537	0.6608	0.6369	0.3264
5.7	0.9902	0.9947	0.9957	0.9961	0.9162	0.8879	0.7729	0.5168
5.8	0.9963	0.9985	0.9981	0.9981	0.9649	0.9473	0.8914	0.7333
5.9	0.9985	0.9994	0.9993	0.9993	0.9722	0.9769	0.9331	0.8199
6.0	0.9985	0.9995	0.9993	0.9997	0.9793	0.9819	0.9407	0.8438
6.1	0.9981	0.9997	0.9992	0.9997	0.9817	0.9669	0.9454	0.8618
6.2	0.9993	0.9998	0.9996	0.9998	0.9928	0.9817	0.9787	0.9512
6.3	0.9989	0.9998	0.9995	0.9996	0.9915	0.9733	0.9740	0.9626
6.4	0.9987	0.9999	0.9996	0.9996	0.9918	0.9694	0.9806	0.9674
6.5	0.9976	0.9998	0.9992	0.9994	0.9862	0.9156	0.9626	0.9430
6.6	0.9971	0.9997	0.9989	0.9993	0.9841	0.9087	0.9645	0.9572
6.7	0.9949	0.9996	0.9983	0.9985	0.9809	0.9082	0.9651	0.9564
6.8	0.9912	0.9993	0.9971	0.9974	0.9724	0.9082	0.9575	0.9513
6.9	0.9731	0.9967	0.9897	0.9915	0.9340	0.8547	0.9087	0.9050
7.0	0.9650	0.9937	0.9836	0.9856	0.9376	0.9110	0.9269	0.9252
7.1	0.9315	0.9880	0.9607	0.9646	0.9050	0.8916	0.8992	0.8979
7.2	0.9076	0.9894	0.9326	0.9445	0.9017	0.9074	0.9040	0.9077
7.3	0.9352	0.9940	0.9390	0.9532	0.9439	0.9550	0.9477	0.9500
7.4	0.9085	0.9940	0.8872	0.9072	0.9386	0.9547	0.9453	0.9460
7.5	0.9060	0.9974	0.8365	0.8870	0.9579	0.9729	0.9649	0.9658
7.6	0.9462	0.9991	0.9530	0.9657	0.9809	0.9886	0.9846	0.9852
7.7	0.9386	0.9993	0.9815	0.9856	0.9863	0.9922	0.9896	0.9890
7.8	0.9753	0.9994	0.9942	0.9961	0.9939	0.9968	0.9956	0.9945
7.9	0.9794	0.9993	0.9984	0.9987	0.9947	0.9969	0.9959	0.9956

8.0	0.9553	0.9995	0.9974	0.9974	0.9934	0.9965	0.9951	0.9950
8.1	0.9701	0.9993	0.9984	0.9987	0.9949	0.9975	0.9958	0.9957
8.2	0.9443	0.9991	0.9982	0.9987	0.9920	0.9958	0.9935	0.9932
8.3	0.9575	0.9993	0.9986	0.9986	0.9946	0.9969	0.9955	0.9949
8.4	0.9650	0.9994	0.9989	0.9989	0.9952	0.9969	0.9956	0.9958
8.5	0.9638	0.9991	0.9985	0.9988	0.9940	0.9964	0.9948	0.9951
8.6	0.9698	0.9990	0.9984	0.9988	0.9950	0.9971	0.9956	0.9961
8.7	0.9488	0.9976	0.9983	0.9984	0.9901	0.9939	0.9917	0.9915
8.8	0.9701	0.9980	0.9989	0.9990	0.9926	0.9955	0.9937	0.9934
8.9	0.9685	0.9971	0.9986	0.9989	0.9907	0.9941	0.9923	0.9913
9.0	0.9533	0.9930	0.9975	0.9986	0.9822	0.9876	0.9851	0.9846
9.1	0.9679	0.9942	0.9980	0.9982	0.9848	0.9887	0.9870	0.9877
9.2	0.9504	0.9849	0.9954	0.9960	0.9685	0.9761	0.9723	0.9709
9.3	0.9456	0.9755	0.9923	0.9937	0.9578	0.9639	0.9608	0.9618
9.4	0.9467	0.9559	0.9849	0.9892	0.9439	0.9463	0.9449	0.9441
9.5	0.9727	0.9604	0.9887	0.9911	0.9611	0.9586	0.9609	0.9594
9.6	0.9805	0.9560	0.9909	0.9933	0.9692	0.9625	0.9670	0.9658
9.7	0.9828	0.9295	0.9907	0.9932	0.9635	0.9432	0.9567	0.9538
9.8	0.9944	0.9640	0.9961	0.9972	0.9836	0.9692	0.9792	0.9768
9.9	0.9959	0.9773	0.9961	0.9978	0.9873	0.9726	0.9834	0.9780
10.0	0.9970	0.9836	0.9979	0.9984	0.9897	0.9686	0.9842	0.9799
10.1	0.9979	0.9875	0.9972	0.9982	0.9881	0.9543	0.9797	0.9695
10.2	0.9982	0.9957	0.9976	0.9985	0.9909	0.9526	0.9843	0.9740
10.3	0.9980	0.9979	0.9981	0.9985	0.9927	0.9737	0.9854	0.9730
10.4	0.9987	0.9990	0.9984	0.9989	0.9963	0.9848	0.9930	0.9837
10.5	0.9987	0.9990	0.9986	0.9993	0.9953	0.9860	0.9941	0.9819
10.6	0.9979	0.9978	0.9979	0.9991	0.9912	0.9769	0.9864	0.9673
10.7	0.9981	0.9982	0.9981	0.9990	0.9925	0.9613	0.9796	0.9547
10.8	0.9981	0.9986	0.9980	0.9991	0.9932	0.9633	0.9762	0.9503
10.9	0.9975	0.9987	0.9978	0.9989	0.9885	0.9637	0.9721	0.9171
11.0	0.9973	0.9986	0.9978	0.9989	0.9855	0.9712	0.9719	0.8693
11.1	0.9975	0.9983	0.9976	0.9984	0.9816	0.9759	0.9473	0.8023
11.2	0.9976	0.9989	0.9981	0.9986	0.9844	0.9818	0.9392	0.7704
11.3	0.9980	0.9991	0.9981	0.9987	0.9784	0.9846	0.9324	0.7001
11.4	0.9979	0.9988	0.9977	0.9990	0.9602	0.9859	0.9211	0.6913
11.5	0.9976	0.9991	0.9973	0.9989	0.9669	0.9877	0.8930	0.7183
11.6	0.9966	0.9990	0.9969	0.9983	0.9486	0.9849	0.8941	0.7735
11.7	0.9970	0.9989	0.9975	0.9986	0.9344	0.9913	0.9468	0.8870
11.8	0.9966	0.9992	0.9975	0.9987	0.9321	0.9925	0.9460	0.8979
11.9	0.9976	0.9993	0.9982	0.9991	0.9085	0.9935	0.9477	0.9268
12.0	0.9968	0.9993	0.9979	0.9992	0.8520	0.9933	0.9587	0.9485
12.1	0.9960	0.9991	0.9975	0.9988	0.8005	0.9937	0.9635	0.9422
12.2	0.9958	0.9992	0.9973	0.9986	0.8659	0.9949	0.9758	0.9424
12.3	0.9952	0.9988	0.9965	0.9983	0.8936	0.9937	0.9850	0.9517
12.4	0.9958	0.9992	0.9965	0.9984	0.9357	0.9943	0.9822	0.9688
12.5	0.9960	0.9994	0.9976	0.9989	0.9584	0.9950	0.9858	0.9756
12.6	0.9957	0.9994	0.9968	0.9987	0.9523	0.9942	0.9881	0.9673
12.7	0.9956	0.9992	0.9955	0.9982	0.9502	0.9940	0.9876	0.9553
12.8	0.9959	0.9992	0.9967	0.9988	0.9516	0.9955	0.9898	0.9632
12.9	0.9959	0.9993	0.9967	0.9990	0.9608	0.9958	0.9892	0.9750
13.0	0.9953	0.9993	0.9951	0.9984	0.9534	0.9953	0.9889	0.9675
13.1	0.9937	0.9990	0.9960	0.9986	0.9461	0.9947	0.9895	0.9588
13.2	0.9931	0.9990	0.9959	0.9984	0.9422	0.9947	0.9916	0.9602
13.3	0.9919	0.9987	0.9951	0.9978	0.9306	0.9924	0.9886	0.9623
13.4	0.9903	0.9990	0.9949	0.9983	0.9416	0.9930	0.9875	0.9672
13.5	0.9888	0.9991	0.9944	0.9984	0.9527	0.9951	0.9877	0.9741
13.6	0.9924	0.9991	0.9944	0.9986	0.9692	0.9947	0.9883	0.9809
13.7	0.9888	0.9989	0.9941	0.9987	0.9657	0.9936	0.9887	0.9793
13.8	0.9842	0.9991	0.9915	0.9983	0.9670	0.9935	0.9868	0.9787
13.9	0.9815	0.9987	0.9895	0.9977	0.9746	0.9943	0.9888	0.9790
14.0	0.9840	0.9987	0.9877	0.9977	0.9794	0.9962	0.9906	0.9815
14.1	0.9838	0.9990	0.9855	0.9979	0.9807	0.9961	0.9920	0.9859
14.2	0.9840	0.9990	0.9829	0.9977	0.9801	0.9951	0.9908	0.9845
14.3	0.9794	0.9990	0.9826	0.9973	0.9812	0.9956	0.9894	0.9827
14.4	0.9772	0.9991	0.9840	0.9975	0.9847	0.9965	0.9897	0.9829
14.5	0.9614	0.9988	0.9720	0.9952	0.9795	0.9929	0.9854	0.9785
14.6	0.9738	0.9991	0.9811	0.9962	0.9887	0.9957	0.9913	0.9894
14.7	0.9775	0.9993	0.9827	0.9959	0.9914	0.9964	0.9936	0.9921
14.8	0.9758	0.9990	0.9765	0.9913	0.9903	0.9963	0.9942	0.9902
14.9	0.9691	0.9991	0.9831	0.9907	0.9896	0.9957	0.9927	0.9904
15.0	0.9626	0.9991	0.9804	0.9851	0.9864	0.9946	0.9889	0.9878
15.1	0.9532	0.9987	0.9721	0.9699	0.9878	0.9937	0.9903	0.9853
15.2	0.9462	0.9988	0.9702	0.9654	0.9871	0.9947	0.9903	0.9864
15.3	0.9595	0.9988	0.9647	0.9714	0.9919	0.9964	0.9922	0.9921
15.4	0.9641	0.9987	0.9609	0.9799	0.9938	0.9967	0.9944	0.9934
15.5	0.9498	0.9985	0.9351	0.9786	0.9914	0.9960	0.9934	0.9907
15.6	0.9512	0.9970	0.8101	0.9552	0.9863	0.9932	0.9901	0.9867
15.7	0.9719	0.9979	0.7949	0.9590	0.9913	0.9954	0.9925	0.9898
15.8	0.9728	0.9969	0.8952	0.9695	0.9874	0.9937	0.9907	0.9899
15.9	0.9834	0.9980	0.9402	0.9734	0.9932	0.9958	0.9937	0.9939
16.0	0.9715	0.9955	0.9211	0.9485	0.9861	0.9909	0.9885	0.9865
16.1	0.9879	0.9977	0.9504	0.9480	0.9929	0.9947	0.9945	0.9936
16.2	0.9874	0.9971	0.9712	0.9517	0.9927	0.9950	0.9938	0.9933
16.3	0.9899	0.9968	0.9854	0.9660	0.9939	0.9950	0.9941	0.9944
16.4	0.9888	0.9957	0.9914	0.9735	0.9923	0.9938	0.9926	0.9929
16.5	0.9678	0.9844	0.9928	0.9734	0.9730	0.9788	0.9747	0.9761

16.6	0.9762	0.9852	0.9900	0.9433	0.9784	0.9813	0.9784	0.9795
16.7	0.9835	0.9886	0.9870	0.8725	0.9846	0.9859	0.9847	0.9855
16.8	0.9829	0.9869	0.9847	0.6368	0.9847	0.9848	0.9850	0.9853
16.9	0.9701	0.9715	0.9853	0.0761	0.9717	0.9714	0.9720	0.9712
17.0	0.9685	0.9645	0.9872	0.6334	0.9675	0.9658	0.9664	0.9673
17.1	0.9658	0.9512	0.9833	0.7791	0.9606	0.9560	0.9583	0.9597
17.2	0.9908	0.9837	0.9854	0.8874	0.9887	0.9869	0.9879	0.9877
17.3	0.9896	0.9789	0.9897	0.9669	0.9876	0.9848	0.9866	0.9863
17.4	0.9916	0.9797	0.9916	0.9796	0.9885	0.9861	0.9877	0.9872
17.5	0.9944	0.9819	0.9953	0.9873	0.9918	0.9890	0.9911	0.9904
17.6	0.9966	0.9859	0.9967	0.9911	0.9949	0.9930	0.9944	0.9934
17.7	0.9968	0.9854	0.9966	0.9920	0.9951	0.9933	0.9945	0.9933
17.8	0.9971	0.9814	0.9960	0.9921	0.9952	0.9916	0.9940	0.9924
17.9	0.9982	0.9844	0.9963	0.9921	0.9968	0.9939	0.9963	0.9946
18.0	0.9980	0.9798	0.9959	0.9935	0.9962	0.9941	0.9958	0.9940
18.1	0.9983	0.9777	0.9949	0.9928	0.9973	0.9945	0.9968	0.9948
18.2	0.9984	0.9750	0.9949	0.9943	0.9969	0.9944	0.9966	0.9956
18.3	0.9984	0.9626	0.9964	0.9957	0.9976	0.9947	0.9970	0.9949
18.4	0.9982	0.9179	0.9953	0.9953	0.9971	0.9913	0.9960	0.9932
18.5	0.9987	0.9314	0.9931	0.9940	0.9974	0.9939	0.9970	0.9933
18.6	0.9983	0.9461	0.9933	0.9934	0.9977	0.9938	0.9978	0.9956
18.7	0.9978	0.8889	0.9949	0.9922	0.9969	0.9930	0.9966	0.9935
18.8	0.9983	0.7604	0.9945	0.9908	0.9965	0.9922	0.9971	0.9917
18.9	0.9984	0.4849	0.9926	0.9900	0.9965	0.9906	0.9964	0.9913
19.0	0.9990	0.0785	0.9947	0.9932	0.9978	0.9928	0.9973	0.9939
19.1	0.9988	0.4224	0.9954	0.9945	0.9973	0.9920	0.9963	0.9919
19.2	0.9988	0.7681	0.9950	0.9935	0.9976	0.9908	0.9966	0.9912
19.3	0.9987	0.8120	0.9934	0.9905	0.9965	0.9866	0.9961	0.9891
19.4	0.9987	0.8837	0.9940	0.9911	0.9960	0.9836	0.9956	0.9854
19.5	0.9989	0.9283	0.9961	0.9946	0.9976	0.9875	0.9963	0.9883
19.6	0.9989	0.9518	0.9970	0.9963	0.9962	0.9844	0.9959	0.9883
19.7	0.9986	0.9585	0.9973	0.9964	0.9969	0.9852	0.9966	0.9871
19.8	0.9986	0.9651	0.9981	0.9961	0.9968	0.9847	0.9975	0.9870
19.9	0.9981	0.9624	0.9976	0.9945	0.9956	0.9791	0.9961	0.9852
20.0	0.9987	0.9798	0.9978	0.9959	0.9967	0.9883	0.9962	0.9898
20.1	0.9985	0.9827	0.9979	0.9969	0.9947	0.9856	0.9941	0.9876
20.2	0.9981	0.9834	0.9980	0.9963	0.9953	0.9765	0.9948	0.9817
20.3	0.9985	0.9822	0.9980	0.9956	0.9969	0.9833	0.9961	0.9838
20.4	0.9989	0.9889	0.9979	0.9966	0.9974	0.9841	0.9960	0.9879
20.5	0.9988	0.9890	0.9979	0.9965	0.9979	0.9823	0.9969	0.9885
20.6	0.9986	0.9896	0.9979	0.9966	0.9977	0.9833	0.9966	0.9870
20.7	0.9986	0.9897	0.9975	0.9962	0.9965	0.9812	0.9951	0.9835
20.8	0.9983	0.9899	0.9975	0.9959	0.9960	0.9775	0.9952	0.9856
20.9	0.9990	0.9906	0.9974	0.9954	0.9958	0.9750	0.9959	0.9864
21.0	0.9988	0.9906	0.9979	0.9961	0.9955	0.9749	0.9955	0.9834
21.1	0.9988	0.9913	0.9983	0.9955	0.9962	0.9760	0.9943	0.9833
21.2	0.9981	0.9888	0.9982	0.9951	0.9951	0.9764	0.9920	0.9825
21.3	0.9973	0.9866	0.9970	0.9942	0.9939	0.9705	0.9885	0.9766
21.4	0.9981	0.9889	0.9968	0.9960	0.9935	0.9799	0.9938	0.9786
21.5	0.9983	0.9939	0.9974	0.9955	0.9950	0.9822	0.9936	0.9820
21.6	0.9985	0.9919	0.9979	0.9968	0.9955	0.9828	0.9922	0.9834
21.7	0.9977	0.9869	0.9969	0.9953	0.9953	0.9793	0.9924	0.9815
21.8	0.9972	0.9922	0.9976	0.9954	0.9964	0.9839	0.9931	0.9841
21.9	0.9975	0.9906	0.9974	0.9942	0.9960	0.9845	0.9942	0.9786
22.0	0.9971	0.9902	0.9974	0.9934	0.9960	0.9835	0.9925	0.9767
22.1	0.9976	0.9855	0.9973	0.9924	0.9959	0.9809	0.9916	0.9753
22.2	0.9983	0.9896	0.9978	0.9952	0.9965	0.9871	0.9954	0.9836
22.3	0.9982	0.9867	0.9976	0.9950	0.9964	0.9857	0.9946	0.9824
22.4	0.9984	0.9910	0.9976	0.9951	0.9965	0.9860	0.9961	0.9826
22.5	0.9983	0.9897	0.9980	0.9946	0.9966	0.9845	0.9968	0.9831
22.6	0.9972	0.9817	0.9966	0.9948	0.9957	0.9761	0.9937	0.9790
22.7	0.9966	0.9803	0.9960	0.9937	0.9951	0.9786	0.9943	0.9779
22.8	0.9971	0.9877	0.9973	0.9943	0.9966	0.9804	0.9945	0.9795
22.9	0.9978	0.9868	0.9964	0.9941	0.9961	0.9776	0.9938	0.9763
23.0	0.9974	0.9858	0.9959	0.9937	0.9949	0.9770	0.9936	0.9714
23.1	0.9978	0.9854	0.9967	0.9942	0.9962	0.9813	0.9939	0.9751
23.2	0.9984	0.9896	0.9981	0.9955	0.9970	0.9839	0.9957	0.9832
23.3	0.9983	0.9873	0.9974	0.9954	0.9950	0.9793	0.9940	0.9788
23.4	0.9983	0.9908	0.9980	0.9964	0.9959	0.9773	0.9954	0.9831
23.5	0.9978	0.9903	0.9970	0.9957	0.9955	0.9749	0.9945	0.9782
23.6	0.9978	0.9915	0.9974	0.9957	0.9957	0.9742	0.9947	0.9745
23.7	0.9980	0.9913	0.9984	0.9959	0.9957	0.9764	0.9938	0.9774
23.8	0.9980	0.9892	0.9981	0.9950	0.9959	0.9787	0.9943	0.9802
23.9	0.9981	0.9918	0.9982	0.9962	0.9955	0.9759	0.9921	0.9776
24.0	0.9988	0.9942	0.9982	0.9974	0.9958	0.9735	0.9921	0.9797
24.1	0.9983	0.9927	0.9981	0.9961	0.9954	0.9767	0.9919	0.9818
24.2	0.9982	0.9919	0.9984	0.9954	0.9951	0.9790	0.9927	0.9828
24.3	0.9970	0.9868	0.9966	0.9932	0.9907	0.9474	0.9900	0.9697
24.4	0.9967	0.9829	0.9949	0.9933	0.9916	0.9412	0.9902	0.9609
24.5	0.9973	0.9881	0.9965	0.9954	0.9938	0.9628	0.9925	0.9738
24.6	0.9975	0.9873	0.9975	0.9945	0.9929	0.9675	0.9922	0.9818
24.7	0.9983	0.9890	0.9971	0.9957	0.9943	0.9724	0.9934	0.9877
24.8	0.9979	0.9903	0.9972	0.9957	0.9949	0.9622	0.9920	0.9822
24.9	0.9977	0.9919	0.9977	0.9967	0.9957	0.9582	0.9907	0.9748
25.0	0.9982	0.9937	0.9975	0.9961	0.9949	0.9646	0.9910	0.9747
25.1	0.9982	0.9916	0.9978	0.9963	0.9942	0.9697	0.9926	0.9752

25.2	0.9975	0.9917	0.9976	0.9959	0.9937	0.9705	0.9913	0.9767
25.3	0.9973	0.9925	0.9963	0.9943	0.9911	0.9587	0.9851	0.9645
25.4	0.9972	0.9899	0.9962	0.9945	0.9880	0.9548	0.9818	0.9686
25.5	0.9973	0.9835	0.9960	0.9949	0.9872	0.9486	0.9817	0.9726
25.6	0.9971	0.9829	0.9962	0.9945	0.9876	0.9524	0.9828	0.9756
25.7	0.9973	0.9873	0.9976	0.9951	0.9925	0.9736	0.9914	0.9840
25.8	0.9979	0.9902	0.9975	0.9950	0.9949	0.9800	0.9955	0.9860
25.9	0.9985	0.9935	0.9977	0.9968	0.9946	0.9863	0.9946	0.9893
26.0	0.9983	0.9918	0.9974	0.9961	0.9949	0.9836	0.9948	0.9898
26.1	0.9981	0.9820	0.9967	0.9945	0.9952	0.9779	0.9937	0.9863
26.2	0.9981	0.9838	0.9972	0.9954	0.9953	0.9870	0.9962	0.9886
26.3	0.9983	0.9842	0.9967	0.9940	0.9961	0.9875	0.9959	0.9902
26.4	0.9986	0.9808	0.9969	0.9942	0.9968	0.9885	0.9951	0.9890
26.5	0.9988	0.9752	0.9976	0.9952	0.9971	0.9885	0.9959	0.9889
26.6	0.9981	0.9723	0.9972	0.9941	0.9962	0.9862	0.9954	0.9857
26.7	0.9984	0.9797	0.9976	0.9946	0.9975	0.9908	0.9971	0.9896
26.8	0.9983	0.9752	0.9976	0.9931	0.9965	0.9877	0.9959	0.9865
26.9	0.9984	0.9633	0.9980	0.9915	0.9963	0.9823	0.9963	0.9854
27.0	0.9983	0.9506	0.9980	0.9951	0.9973	0.9865	0.9962	0.9861
27.1	0.9988	0.9651	0.9980	0.9967	0.9978	0.9898	0.9973	0.9893
27.2	0.9989	0.9596	0.9982	0.9966	0.9978	0.9920	0.9978	0.9908
27.3	0.9984	0.9451	0.9977	0.9962	0.9978	0.9887	0.9972	0.9908
27.4	0.9987	0.9490	0.9979	0.9954	0.9979	0.9893	0.9971	0.9928
27.5	0.9990	0.9692	0.9982	0.9962	0.9985	0.9923	0.9979	0.9948
27.6	0.9985	0.9510	0.9980	0.9964	0.9980	0.9893	0.9975	0.9935
27.7	0.9978	0.9119	0.9974	0.9959	0.9970	0.9884	0.9973	0.9928
27.8	0.9988	0.9340	0.9977	0.9954	0.9972	0.9885	0.9970	0.9939
27.9	0.9987	0.9449	0.9972	0.9958	0.9976	0.9903	0.9967	0.9940
28.0	0.9981	0.9259	0.9972	0.9943	0.9970	0.9886	0.9971	0.9902
28.1	0.9981	0.8994	0.9968	0.9946	0.9965	0.9883	0.9968	0.9901
28.2	0.9977	0.8784	0.9967	0.9950	0.9966	0.9889	0.9957	0.9909
28.3	0.9977	0.9229	0.9960	0.9949	0.9951	0.9861	0.9949	0.9903
28.4	0.9977	0.9513	0.9961	0.9958	0.9961	0.9888	0.9970	0.9929
28.5	0.9980	0.9632	0.9963	0.9954	0.9971	0.9909	0.9970	0.9935
28.6	0.9989	0.9772	0.9959	0.9964	0.9971	0.9915	0.9975	0.9944
28.7	0.9986	0.9807	0.9966	0.9965	0.9970	0.9909	0.9968	0.9948
28.8	0.9986	0.9768	0.9966	0.9963	0.9971	0.9918	0.9969	0.9950
28.9	0.9981	0.9723	0.9968	0.9968	0.9973	0.9912	0.9969	0.9937
29.0	0.9982	0.9720	0.9967	0.9965	0.9970	0.9917	0.9974	0.9944
29.1	0.9982	0.9776	0.9967	0.9971	0.9970	0.9926	0.9970	0.9934
29.2	0.9983	0.9752	0.9961	0.9963	0.9971	0.9927	0.9965	0.9933
29.3	0.9983	0.9723	0.9966	0.9968	0.9969	0.9931	0.9961	0.9929
29.4	0.9986	0.9813	0.9974	0.9979	0.9970	0.9933	0.9959	0.9938
29.5	0.9979	0.9835	0.9969	0.9965	0.9963	0.9926	0.9959	0.9918
29.6	0.9972	0.9829	0.9968	0.9950	0.9975	0.9941	0.9974	0.9933
29.7	0.9979	0.9820	0.9969	0.9962	0.9969	0.9956	0.9976	0.9935
29.8	0.9968	0.9788	0.9952	0.9947	0.9956	0.9928	0.9962	0.9932
29.9	0.9933	0.9676	0.9935	0.9948	0.9933	0.9887	0.9933	0.9912
30.0	0.9961	0.9829	0.9946	0.9952	0.9949	0.9925	0.9955	0.9927
30.1	0.9977	0.9876	0.9968	0.9944	0.9965	0.9929	0.9962	0.9937
30.2	0.9973	0.9884	0.9968	0.9951	0.9952	0.9918	0.9948	0.9901
30.3	0.9976	0.9906	0.9970	0.9960	0.9951	0.9915	0.9962	0.9872
30.4	0.9981	0.9909	0.9969	0.9966	0.9969	0.9931	0.9974	0.9893
30.5	0.9975	0.9902	0.9973	0.9962	0.9959	0.9915	0.9970	0.9887
30.6	0.9973	0.9875	0.9968	0.9954	0.9960	0.9882	0.9944	0.9862
30.7	0.9976	0.9913	0.9967	0.9954	0.9960	0.9913	0.9947	0.9903
30.8	0.9967	0.9933	0.9963	0.9959	0.9949	0.9908	0.9934	0.9886
30.9	0.9972	0.9933	0.9958	0.9952	0.9947	0.9896	0.9940	0.9880
31.0	0.9970	0.9943	0.9957	0.9954	0.9959	0.9882	0.9929	0.9880
31.1	0.9970	0.9934	0.9967	0.9958	0.9952	0.9875	0.9927	0.9868
31.2	0.9964	0.9931	0.9967	0.9957	0.9937	0.9884	0.9928	0.9828
31.3	0.9963	0.9940	0.9969	0.9956	0.9928	0.9850	0.9927	0.9822
31.4	0.9962	0.9928	0.9946	0.9933	0.9897	0.9818	0.9892	0.9793
31.5	0.9952	0.9903	0.9937	0.9920	0.9890	0.9756	0.9865	0.9777
31.6	0.9954	0.9921	0.9952	0.9941	0.9914	0.9764	0.9870	0.9828
31.7	0.9966	0.9927	0.9963	0.9957	0.9928	0.9809	0.9915	0.9829
31.8	0.9965	0.9920	0.9965	0.9937	0.9925	0.9789	0.9913	0.9827
31.9	0.9966	0.9921	0.9952	0.9934	0.9930	0.9802	0.9918	0.9837
32.0	0.9965	0.9910	0.9954	0.9921	0.9940	0.9852	0.9922	0.9826
32.1	0.9970	0.9943	0.9961	0.9924	0.9944	0.9858	0.9927	0.9843
32.2	0.9966	0.9923	0.9959	0.9923	0.9936	0.9827	0.9917	0.9867
32.3	0.9959	0.9921	0.9961	0.9893	0.9918	0.9823	0.9906	0.9818
32.4	0.9955	0.9914	0.9965	0.9898	0.9936	0.9845	0.9921	0.9830
32.5	0.9962	0.9922	0.9972	0.9911	0.9956	0.9871	0.9923	0.9845
32.6	0.9949	0.9922	0.9961	0.9924	0.9938	0.9851	0.9909	0.9864
32.7	0.9960	0.9912	0.9968	0.9925	0.9952	0.9912	0.9937	0.9883
32.8	0.9971	0.9915	0.9967	0.9929	0.9954	0.9911	0.9936	0.9886
32.9	0.9979	0.9936	0.9968	0.9945	0.9962	0.9927	0.9948	0.9921
33.0	0.9978	0.9920	0.9972	0.9950	0.9969	0.9932	0.9953	0.9939
33.1	0.9975	0.9909	0.9965	0.9942	0.9964	0.9941	0.9941	0.9943
33.2	0.9977	0.9916	0.9961	0.9948	0.9957	0.9942	0.9928	0.9938
33.3	0.9981	0.9920	0.9960	0.9951	0.9971	0.9950	0.9946	0.9944
33.4	0.9964	0.9893	0.9931	0.9936	0.9939	0.9899	0.9904	0.9912
33.5	0.9966	0.9909	0.9952	0.9953	0.9950	0.9928	0.9938	0.9926
33.6	0.9971	0.9906	0.9953	0.9946	0.9954	0.9930	0.9916	0.9926
33.7	0.9968	0.9896	0.9945	0.9951	0.9947	0.9901	0.9916	0.9928

33.8	0.9964	0.9894	0.9938	0.9944	0.9943	0.9907	0.9919	0.9930
33.9	0.9969	0.9903	0.9955	0.9937	0.9969	0.9941	0.9950	0.9951
34.0	0.9977	0.9925	0.9963	0.9954	0.9973	0.9963	0.9967	0.9957
34.1	0.9978	0.9949	0.9964	0.9958	0.9972	0.9967	0.9965	0.9953
34.2	0.9979	0.9935	0.9965	0.9950	0.9972	0.9968	0.9967	0.9954
34.3	0.9977	0.9933	0.9958	0.9940	0.9974	0.9952	0.9963	0.9965
34.4	0.9960	0.9923	0.9940	0.9927	0.9958	0.9938	0.9936	0.9948
34.5	0.9978	0.9941	0.9966	0.9949	0.9971	0.9954	0.9953	0.9961
34.6	0.9984	0.9946	0.9974	0.9960	0.9972	0.9970	0.9964	0.9968
34.7	0.9984	0.9944	0.9971	0.9950	0.9967	0.9970	0.9966	0.9965
34.8	0.9973	0.9941	0.9970	0.9938	0.9966	0.9960	0.9961	0.9966
34.9	0.9977	0.9936	0.9967	0.9932	0.9967	0.9958	0.9956	0.9960
35.0	0.9975	0.9952	0.9958	0.9932	0.9964	0.9943	0.9947	0.9959
35.1	0.9975	0.9948	0.9957	0.9948	0.9960	0.9952	0.9950	0.9966
35.2	0.9972	0.9932	0.9952	0.9930	0.9963	0.9945	0.9947	0.9956
35.3	0.9977	0.9945	0.9958	0.9930	0.9971	0.9959	0.9964	0.9958
35.4	0.9975	0.9954	0.9962	0.9928	0.9965	0.9952	0.9955	0.9949
35.5	0.9985	0.9956	0.9972	0.9953	0.9971	0.9965	0.9969	0.9961
35.6	0.9976	0.9966	0.9975	0.9963	0.9971	0.9965	0.9966	0.9967
35.7	0.9965	0.9948	0.9967	0.9952	0.9961	0.9950	0.9944	0.9960
35.8	0.9973	0.9953	0.9962	0.9955	0.9964	0.9966	0.9958	0.9964
35.9	0.9960	0.9954	0.9955	0.9938	0.9956	0.9953	0.9948	0.9951
36.0	0.9968	0.9962	0.9964	0.9951	0.9967	0.9965	0.9963	0.9958
36.1	0.9968	0.9965	0.9953	0.9944	0.9970	0.9962	0.9964	0.9962
36.2	0.9959	0.9964	0.9952	0.9946	0.9967	0.9956	0.9960	0.9955
36.3	0.9965	0.9966	0.9968	0.9939	0.9974	0.9965	0.9965	0.9970
36.4	0.9955	0.9946	0.9958	0.9927	0.9966	0.9956	0.9953	0.9955
36.5	0.9965	0.9966	0.9970	0.9935	0.9976	0.9971	0.9967	0.9967
36.6	0.9969	0.9967	0.9973	0.9955	0.9976	0.9975	0.9963	0.9977
36.7	0.9963	0.9973	0.9964	0.9955	0.9970	0.9971	0.9964	0.9971
36.8	0.9954	0.9977	0.9966	0.9955	0.9972	0.9970	0.9961	0.9972
36.9	0.9953	0.9977	0.9960	0.9969	0.9976	0.9976	0.9962	0.9972
37.0	0.9947	0.9970	0.9951	0.9963	0.9965	0.9964	0.9958	0.9963
37.1	0.9958	0.9973	0.9953	0.9958	0.9954	0.9953	0.9958	0.9949
37.2	0.9960	0.9975	0.9962	0.9965	0.9949	0.9957	0.9939	0.9946
37.3	0.9955	0.9973	0.9965	0.9961	0.9955	0.9965	0.9933	0.9955
37.4	0.9940	0.9971	0.9958	0.9952	0.9947	0.9952	0.9943	0.9930
37.5	0.9928	0.9953	0.9938	0.9954	0.9953	0.9955	0.9942	0.9927
37.6	0.9946	0.9964	0.9948	0.9969	0.9967	0.9965	0.9928	0.9952
37.7	0.9952	0.9970	0.9962	0.9970	0.9963	0.9965	0.9930	0.9959
37.8	0.9944	0.9969	0.9956	0.9955	0.9958	0.9952	0.9922	0.9934
37.9	0.9927	0.9958	0.9923	0.9950	0.9962	0.9959	0.9903	0.9950
38.0	0.9895	0.9955	0.9880	0.9946	0.9956	0.9953	0.9883	0.9931
38.1	0.9894	0.9972	0.9897	0.9945	0.9957	0.9957	0.9800	0.9946
38.2	0.9880	0.9974	0.9918	0.9944	0.9949	0.9950	0.9780	0.9939
38.3	0.9817	0.9948	0.9905	0.9932	0.9927	0.9930	0.9680	0.9918
38.4	0.9872	0.9952	0.9918	0.9914	0.9937	0.9938	0.9696	0.9928
38.5	0.9884	0.9956	0.9935	0.9941	0.9938	0.9937	0.9749	0.9946
38.6	0.9880	0.9967	0.9951	0.9951	0.9952	0.9953	0.9805	0.9958
38.7	0.9812	0.9954	0.9941	0.9937	0.9937	0.9934	0.9787	0.9942
38.8	0.9799	0.9962	0.9936	0.9929	0.9956	0.9957	0.9870	0.9953
38.9	0.9821	0.9965	0.9921	0.9919	0.9965	0.9967	0.9882	0.9964
39.0	0.9790	0.9958	0.9917	0.9924	0.9935	0.9943	0.9852	0.9945
39.1	0.9764	0.9963	0.9939	0.9934	0.9940	0.9945	0.9861	0.9958
39.2	0.9741	0.9966	0.9946	0.9942	0.9943	0.9951	0.9889	0.9966
39.3	0.9738	0.9967	0.9936	0.9928	0.9958	0.9962	0.9929	0.9970
39.4	0.9589	0.9961	0.9922	0.9910	0.9945	0.9952	0.9891	0.9964
39.5	0.9543	0.9963	0.9932	0.9937	0.9938	0.9943	0.9893	0.9957
39.6	0.9461	0.9964	0.9932	0.9948	0.9936	0.9938	0.9883	0.9955
39.7	0.9279	0.9950	0.9928	0.9944	0.9954	0.9953	0.9925	0.9961
39.8	0.9338	0.9958	0.9926	0.9939	0.9952	0.9956	0.9946	0.9952
39.9	0.8975	0.9968	0.9892	0.9940	0.9952	0.9952	0.9935	0.9954
40.0	0.8798	0.9969	0.9894	0.9923	0.9950	0.9948	0.9930	0.9955
40.1	0.8179	0.9955	0.9894	0.9928	0.9926	0.9936	0.9901	0.9943
40.2	0.7485	0.9956	0.9920	0.9949	0.9942	0.9949	0.9926	0.9953
40.3	0.7333	0.9974	0.9929	0.9956	0.9964	0.9967	0.9950	0.9973
40.4	0.6372	0.9961	0.9932	0.9945	0.9963	0.9964	0.9954	0.9971
40.5	0.7034	0.9959	0.9911	0.9944	0.9966	0.9966	0.9957	0.9967
40.6	0.7194	0.9974	0.9901	0.9926	0.9967	0.9970	0.9956	0.9972
40.7	0.7372	0.9974	0.9908	0.9907	0.9972	0.9974	0.9963	0.9976
40.8	0.7262	0.9951	0.9870	0.9868	0.9951	0.9949	0.9926	0.9957
40.9	0.7695	0.9955	0.9882	0.9901	0.9962	0.9962	0.9951	0.9960
41.0	0.8315	0.9954	0.9919	0.9919	0.9954	0.9951	0.9943	0.9960
41.1	0.8958	0.9965	0.9896	0.9922	0.9963	0.9970	0.9960	0.9970
41.2	0.8987	0.9965	0.9881	0.9919	0.9971	0.9968	0.9963	0.9966
41.3	0.8839	0.9942	0.9866	0.9869	0.9933	0.9932	0.9924	0.9934
41.4	0.9205	0.9934	0.9859	0.9882	0.9936	0.9940	0.9923	0.9954
41.5	0.9415	0.9927	0.9886	0.9910	0.9938	0.9947	0.9911	0.9960
41.6	0.9469	0.9937	0.9895	0.9922	0.9936	0.9944	0.9910	0.9952
41.7	0.9441	0.9951	0.9896	0.9925	0.9948	0.9962	0.9926	0.9963
41.8	0.9610	0.9939	0.9886	0.9896	0.9933	0.9945	0.9909	0.9944
41.9	0.9626	0.9925	0.9850	0.9877	0.9912	0.9923	0.9892	0.9923
42.0	0.9682	0.9958	0.9881	0.9919	0.9956	0.9963	0.9956	0.9960
42.1	0.9680	0.9937	0.9890	0.9934	0.9956	0.9968	0.9947	0.9967
42.2	0.9701	0.9941	0.9860	0.9930	0.9959	0.9973	0.9939	0.9975
42.3	0.9646	0.9933	0.9850	0.9922	0.9969	0.9974	0.9952	0.9981

42.4	0.9613	0.9926	0.9874	0.9927	0.9969	0.9971	0.9961	0.9973
42.5	0.9732	0.9924	0.9897	0.9951	0.9971	0.9969	0.9969	0.9973
42.6	0.9720	0.9928	0.9858	0.9906	0.9962	0.9970	0.9943	0.9970
42.7	0.9757	0.9932	0.9855	0.9913	0.9938	0.9957	0.9918	0.9960
42.8	0.9778	0.9907	0.9840	0.9924	0.9917	0.9933	0.9852	0.9955
42.9	0.9690	0.9875	0.9748	0.9895	0.9890	0.9904	0.9847	0.9905
43.0	0.9708	0.9889	0.9812	0.9883	0.9920	0.9939	0.9938	0.9922
43.1	0.9696	0.9900	0.9852	0.9873	0.9923	0.9941	0.9939	0.9930
43.2	0.9700	0.9897	0.9850	0.9875	0.9933	0.9943	0.9929	0.9952
43.3	0.9789	0.9871	0.9869	0.9835	0.9930	0.9932	0.9886	0.9948
43.4	0.9764	0.9915	0.9897	0.9846	0.9918	0.9935	0.9859	0.9947
43.5	0.9788	0.9902	0.9858	0.9877	0.9906	0.9918	0.9842	0.9925
43.6	0.9715	0.9859	0.9830	0.9855	0.9887	0.9882	0.9833	0.9890
43.7	0.9831	0.9901	0.9859	0.9904	0.9936	0.9936	0.9927	0.9952
43.8	0.9833	0.9917	0.9882	0.9928	0.9962	0.9957	0.9958	0.9971
43.9	0.9827	0.9888	0.9832	0.9888	0.9948	0.9949	0.9934	0.9950
44.0	0.9854	0.9864	0.9732	0.9915	0.9943	0.9943	0.9927	0.9940
44.1	0.9858	0.9890	0.9790	0.9885	0.9941	0.9944	0.9910	0.9933
44.2	0.9796	0.9815	0.9766	0.9838	0.9935	0.9925	0.9883	0.9943
44.3	0.9779	0.9854	0.9824	0.9844	0.9944	0.9946	0.9946	0.9939
44.4	0.9757	0.9845	0.9824	0.9792	0.9948	0.9953	0.9963	0.9944
44.5	0.9747	0.9792	0.9745	0.9728	0.9958	0.9959	0.9955	0.9958
44.6	0.9813	0.9722	0.9702	0.9694	0.9905	0.9917	0.9920	0.9931
44.7	0.9733	0.9738	0.9722	0.9648	0.9937	0.9932	0.9933	0.9934
44.8	0.9753	0.9745	0.9654	0.9664	0.9929	0.9918	0.9918	0.9916
44.9	0.9801	0.9750	0.9634	0.9701	0.9920	0.9911	0.9908	0.9923
45.0	0.9734	0.9722	0.9564	0.9746	0.9927	0.9897	0.9914	0.9901
45.1	0.9703	0.9722	0.9537	0.9751	0.9937	0.9928	0.9947	0.9925
45.2	0.9660	0.9729	0.9405	0.9744	0.9917	0.9935	0.9944	0.9941
45.3	0.9496	0.9503	0.9140	0.9663	0.9895	0.9915	0.9908	0.9915
45.4	0.9496	0.9562	0.9216	0.9637	0.9889	0.9888	0.9871	0.9891
45.5	0.9551	0.9615	0.9082	0.9627	0.9879	0.9866	0.9859	0.9886
45.6	0.9359	0.9581	0.9348	0.9658	0.9867	0.9824	0.9854	0.9859
45.7	0.9421	0.9526	0.9240	0.9567	0.9873	0.9824	0.9842	0.9830
45.8	0.9406	0.9484	0.8615	0.9385	0.9879	0.9867	0.9778	0.9866
45.9	0.8995	0.9266	0.8874	0.8942	0.9907	0.9918	0.9853	0.9868
46.0	0.8818	0.9035	0.8452	0.8240	0.9864	0.9855	0.9815	0.9799
46.1	0.8938	0.9074	0.8450	0.7625	0.9903	0.9857	0.9777	0.9785
46.2	0.9148	0.9331	0.8773	0.7730	0.9904	0.9874	0.9768	0.9808
46.3	0.8843	0.9208	0.8274	0.7084	0.9884	0.9851	0.9655	0.9705
46.4	0.9096	0.9395	0.8798	0.6874	0.9920	0.9884	0.9727	0.9707
46.5	0.9425	0.9478	0.9241	0.5960	0.9910	0.9884	0.9723	0.9723
46.6	0.9454	0.9513	0.9394	0.7755	0.9879	0.9866	0.9648	0.9615
46.7	0.9155	0.9475	0.9132	0.7687	0.9778	0.9714	0.9402	0.9295
46.8	0.9359	0.9670	0.9496	0.8568	0.9866	0.9837	0.9595	0.9430
46.9	0.9430	0.9731	0.9622	0.8242	0.9913	0.9915	0.9701	0.9542
47.0	0.9496	0.9726	0.9545	0.7211	0.9890	0.9875	0.9660	0.9455
47.1	0.9420	0.9669	0.9303	0.7551	0.9841	0.9816	0.9577	0.9262
47.2	0.9556	0.9692	0.9467	0.8280	0.9844	0.9780	0.9640	0.9487
47.3	0.9489	0.9719	0.9352	0.8034	0.9770	0.9699	0.9604	0.9500
47.4	0.9341	0.9761	0.9235	0.8049	0.9792	0.9795	0.9666	0.9397
47.5	0.9228	0.9769	0.9134	0.8049	0.9795	0.9728	0.9614	0.9268
47.6	0.9034	0.9686	0.8403	0.6273	0.9524	0.9453	0.9067	0.8154
47.7	0.8476	0.9448	0.6715	0.5503	0.8735	0.8516	0.7806	0.6193
47.8	0.8883	0.9694	0.7082	0.6706	0.9180	0.8990	0.8456	0.7058
47.9	0.9237	0.9804	0.8947	0.8504	0.9724	0.9641	0.9633	0.9297
48.0	0.8896	0.9763	0.9142	0.8772	0.9789	0.9723	0.9798	0.9594
48.1	0.8827	0.9732	0.8925	0.9064	0.9763	0.9773	0.9795	0.9407
48.2	0.9361	0.9801	0.9236	0.9167	0.9832	0.9837	0.9826	0.9546
48.3	0.9125	0.9707	0.8979	0.8927	0.9737	0.9756	0.9650	0.9281
48.4	0.8912	0.9630	0.8769	0.8879	0.9710	0.9674	0.9485	0.9031
48.5	0.8794	0.9556	0.8258	0.8018	0.9606	0.9450	0.9111	0.8246
48.6	0.8499	0.9467	0.8688	0.8221	0.9647	0.9525	0.9273	0.8563
48.7	0.8506	0.9585	0.8808	0.8426	0.9699	0.9591	0.9388	0.9140
48.8	0.8918	0.9700	0.9080	0.8879	0.9652	0.9682	0.9449	0.9123
48.9	0.8922	0.9630	0.9040	0.8876	0.9628	0.9719	0.9412	0.9008
49.0	0.8213	0.9486	0.8375	0.8577	0.9483	0.9550	0.8912	0.8663
49.1	0.7236	0.9106	0.7749	0.6874	0.9166	0.9166	0.7989	0.8099
49.2	0.7181	0.8873	0.7634	0.5785	0.8893	0.8894	0.7699	0.7637
49.3	0.7574	0.8746	0.7659	0.5313	0.8642	0.8628	0.7400	0.6878
49.4	0.8161	0.9277	0.7678	0.5653	0.9100	0.9066	0.7993	0.7931
49.5	0.7029	0.8864	0.5069	0.2566	0.8257	0.8206	0.6129	0.6537
49.6	0.3373	0.5501	0.1596	0.0644	0.3927	0.4067	0.1974	0.1883
49.7	0.1922	0.3646	0.0857	0.0279	0.1840	0.1798	0.0644	0.0622
49.8	0.4889	0.7052	0.2848	0.0940	0.5018	0.4660	0.1788	0.2108
49.9	0.7985	0.8951	0.6972	0.4157	0.8580	0.8204	0.6547	0.6631
50.0	0.6856	0.8189	0.5568	0.2958	0.7556	0.7123	0.5233	0.4965
50.1	0.6991	0.8348	0.6193	0.2808	0.7696	0.6962	0.5557	0.5904
50.2	0.8871	0.9490	0.8693	0.6016	0.9408	0.8955	0.8517	0.8898
50.3	0.8506	0.9294	0.8268	0.5672	0.9404	0.8854	0.7976	0.8437
50.4	0.8628	0.9261	0.8922	0.7306	0.9376	0.8923	0.8038	0.8603
50.5	0.7953	0.8640	0.8952	0.6735	0.9159	0.8712	0.7293	0.8459
50.6	0.6819	0.8056	0.8638	0.5774	0.9032	0.8561	0.6453	0.8141
50.7	0.8156	0.8971	0.9249	0.7666	0.9244	0.8816	0.7944	0.8806
50.8	0.8493	0.9126	0.8991	0.8096	0.9249	0.8703	0.7594	0.8705
50.9	0.8767	0.9306	0.9151	0.8772	0.9402	0.8970	0.8059	0.9106

51.0	0.8919	0.9347	0.9189	0.8873	0.9332	0.8694	0.8451	0.9188
51.1	0.9178	0.9536	0.9341	0.9004	0.9523	0.9017	0.8754	0.9376
51.2	0.8726	0.9346	0.8889	0.8476	0.9459	0.9179	0.8371	0.8949
51.3	0.7499	0.8471	0.7565	0.6749	0.9076	0.8776	0.6319	0.7611
51.4	0.8201	0.8835	0.8525	0.7854	0.9371	0.9158	0.7143	0.8334
51.5	0.9114	0.9402	0.9477	0.8930	0.9700	0.9365	0.8621	0.9427
51.6	0.9126	0.9468	0.9385	0.9288	0.9724	0.9281	0.8705	0.9614
51.7	0.9369	0.9647	0.9440	0.9583	0.9628	0.9160	0.8874	0.9557
51.8	0.9509	0.9777	0.9528	0.9643	0.9691	0.9332	0.9131	0.9567
51.9	0.9511	0.9780	0.9649	0.9561	0.9704	0.9425	0.9154	0.9636
52.0	0.9579	0.9833	0.9494	0.9684	0.9720	0.9532	0.9156	0.9623
52.1	0.9622	0.9838	0.9513	0.9655	0.9744	0.9359	0.9107	0.9601
52.2	0.9717	0.9856	0.9590	0.9654	0.9723	0.9358	0.9262	0.9687
52.3	0.9698	0.9876	0.9565	0.9624	0.9736	0.9362	0.9400	0.9663
52.4	0.9689	0.9827	0.9592	0.9701	0.9689	0.9438	0.9119	0.9632
52.5	0.9750	0.9835	0.9638	0.9773	0.9708	0.9416	0.9270	0.9687
52.6	0.9703	0.9789	0.9638	0.9702	0.9607	0.9124	0.9210	0.9537
52.7	0.9725	0.9817	0.9622	0.9712	0.9678	0.9043	0.9113	0.9440
52.8	0.9693	0.9804	0.9591	0.9701	0.9698	0.9115	0.9223	0.9512
52.9	0.9669	0.9782	0.9558	0.9694	0.9716	0.9402	0.9446	0.9538
53.0	0.9683	0.9781	0.9437	0.9757	0.9666	0.9239	0.9484	0.9385
53.1	0.9683	0.9787	0.9385	0.9676	0.9610	0.9208	0.9442	0.9422
53.2	0.9744	0.9765	0.9336	0.9688	0.9660	0.9036	0.9332	0.9530
53.3	0.9599	0.9626	0.9087	0.9660	0.9515	0.8700	0.9121	0.9400
53.4	0.9660	0.9715	0.9374	0.9800	0.9551	0.8883	0.9111	0.9283
53.5	0.9704	0.9760	0.9471	0.9790	0.9593	0.8870	0.9244	0.9275
53.6	0.9739	0.9789	0.9501	0.9789	0.9684	0.9053	0.9489	0.9519
53.7	0.9757	0.9794	0.9516	0.9794	0.9575	0.8666	0.9372	0.9366
53.8	0.9711	0.9716	0.9289	0.9710	0.9512	0.8497	0.9310	0.9229
53.9	0.9712	0.9719	0.9244	0.9739	0.9654	0.8682	0.9450	0.9375
54.0	0.9750	0.9717	0.9192	0.9767	0.9602	0.8569	0.9333	0.9315
54.1	0.9747	0.9760	0.9142	0.9789	0.9493	0.7591	0.8775	0.9233
54.2	0.9762	0.9743	0.9460	0.9831	0.9663	0.8142	0.8987	0.9271
54.3	0.9682	0.9658	0.9146	0.9758	0.9578	0.7507	0.8902	0.9028
54.4	0.9680	0.9635	0.9250	0.9684	0.9264	0.6592	0.8370	0.8535
54.5	0.9731	0.9653	0.9470	0.9678	0.9188	0.6001	0.8142	0.8306
54.6	0.9752	0.9742	0.9562	0.9652	0.9281	0.7223	0.7976	0.8728
54.7	0.9707	0.9772	0.9630	0.9672	0.9395	0.7609	0.8335	0.8843
54.8	0.9777	0.9805	0.9736	0.9786	0.9546	0.8448	0.9047	0.9116
54.9	0.9803	0.9761	0.9690	0.9687	0.9592	0.8809	0.9264	0.9154
55.0	0.9683	0.9630	0.9621	0.9569	0.9479	0.8589	0.9073	0.8659
55.1	0.9599	0.9611	0.9470	0.9386	0.9294	0.8122	0.8822	0.8146
55.2	0.9739	0.9707	0.9608	0.9634	0.9439	0.8280	0.9169	0.8569
55.3	0.9774	0.9739	0.9698	0.9653	0.9598	0.8653	0.9447	0.9094
55.4	0.9770	0.9797	0.9628	0.9651	0.9661	0.8544	0.9444	0.9262
55.5	0.9837	0.9824	0.9674	0.9652	0.9716	0.8871	0.9506	0.9212
55.6	0.9806	0.9753	0.9599	0.9702	0.9639	0.8727	0.9478	0.8871
55.7	0.9758	0.9711	0.9587	0.9692	0.9624	0.8903	0.9562	0.8914
55.8	0.9750	0.9708	0.9653	0.9642	0.9533	0.8295	0.9333	0.8627
55.9	0.9800	0.9773	0.9776	0.9693	0.9669	0.8459	0.9480	0.8768
56.0	0.9846	0.9812	0.9764	0.9794	0.9789	0.8854	0.9659	0.9096
56.1	0.9777	0.9775	0.9656	0.9679	0.9557	0.8061	0.9577	0.8761
56.2	0.9754	0.9693	0.9713	0.9688	0.9611	0.7475	0.9463	0.8716
56.3	0.9728	0.9764	0.9661	0.9833	0.9606	0.7943	0.9487	0.8889
56.4	0.9762	0.9762	0.9701	0.9803	0.9697	0.8196	0.9596	0.9023
56.5	0.9807	0.9759	0.9771	0.9734	0.9752	0.8324	0.9609	0.8919
56.6	0.9750	0.9663	0.9688	0.9771	0.9613	0.8125	0.9412	0.8954
56.7	0.9740	0.9728	0.9617	0.9735	0.9668	0.8409	0.9376	0.8769
56.8	0.9782	0.9712	0.9700	0.9681	0.9624	0.8007	0.9460	0.8542
56.9	0.9773	0.9645	0.9608	0.9638	0.9546	0.7647	0.9459	0.8666
57.0	0.9724	0.9581	0.9710	0.9531	0.9445	0.6817	0.9109	0.8273
57.1	0.9813	0.9623	0.9648	0.9683	0.9609	0.7815	0.9378	0.8789
57.2	0.9833	0.9610	0.9541	0.9725	0.9564	0.7926	0.9489	0.9071
57.3	0.9835	0.9692	0.9687	0.9747	0.9664	0.8472	0.9519	0.8887
57.4	0.9812	0.9721	0.9748	0.9734	0.9613	0.8623	0.9446	0.8612
57.5	0.9814	0.9769	0.9734	0.9738	0.9494	0.8137	0.9192	0.8854
57.6	0.9812	0.9685	0.9632	0.9727	0.9433	0.7442	0.9369	0.8613
57.7	0.9789	0.9736	0.9658	0.9687	0.9652	0.7915	0.9470	0.8671
57.8	0.9794	0.9735	0.9686	0.9671	0.9660	0.7951	0.9281	0.8745
57.9	0.9790	0.9691	0.9756	0.9737	0.9633	0.7699	0.9245	0.8762
58.0	0.9823	0.9582	0.9754	0.9784	0.9613	0.7964	0.9385	0.8620
58.1	0.9833	0.9748	0.9799	0.9845	0.9651	0.8500	0.9537	0.8949
58.2	0.9865	0.9817	0.9818	0.9806	0.9674	0.8156	0.9412	0.9003
58.3	0.9879	0.9770	0.9815	0.9818	0.9715	0.8734	0.9531	0.8957
58.4	0.9846	0.9751	0.9777	0.9799	0.9629	0.8022	0.9433	0.8907
58.5	0.9747	0.9686	0.9693	0.9740	0.9473	0.7566	0.9068	0.8279
58.6	0.9783	0.9611	0.9616	0.9763	0.9550	0.7683	0.9121	0.8620
58.7	0.9804	0.9718	0.9672	0.9768	0.9412	0.8040	0.9235	0.8881
58.8	0.9837	0.9781	0.9740	0.9777	0.9623	0.8365	0.9301	0.8920
58.9	0.9849	0.9755	0.9674	0.9756	0.9625	0.7553	0.9058	0.8673
59.0	0.9857	0.9735	0.9727	0.9769	0.9531	0.7637	0.8776	0.8475
59.1	0.9834	0.9702	0.9634	0.9693	0.9413	0.7995	0.8788	0.8538
59.2	0.9821	0.9744	0.9646	0.9797	0.9389	0.8373	0.9086	0.8648
59.3	0.9808	0.9731	0.9665	0.9809	0.9523	0.8167	0.9196	0.8558
59.4	0.9783	0.9725	0.9605	0.9736	0.9493	0.8274	0.9268	0.8452
59.5	0.9770	0.9661	0.9645	0.9654	0.9625	0.7831	0.9008	0.8446

59.6	0.9787	0.9725	0.9738	0.9684	0.9678	0.8102	0.9111	0.8767
59.7	0.9842	0.9765	0.9801	0.9816	0.9663	0.8854	0.9318	0.8880
59.8	0.9792	0.9670	0.9785	0.9778	0.9606	0.8405	0.9051	0.8872
59.9	0.1759	0.0978	0.1410	0.4713	0.2952	0.1352	0.1069	0.1238
60.0	0.0723	0.0347	0.0806	0.2561	0.1116	0.0178	0.0617	0.0337
60.1	0.1672	0.0710	0.2099	0.5928	0.3729	0.1284	0.2020	0.1593
60.2	0.9786	0.9687	0.9787	0.9815	0.9645	0.8255	0.8890	0.9226
60.3	0.9817	0.9715	0.9775	0.9760	0.9580	0.7954	0.8713	0.9117
60.4	0.9806	0.9773	0.9742	0.9705	0.9524	0.8151	0.8623	0.8893
60.5	0.9823	0.9712	0.9723	0.9759	0.9567	0.8159	0.8854	0.9017
60.6	0.9822	0.9685	0.9709	0.9775	0.9617	0.7691	0.8676	0.8625
60.7	0.9788	0.9605	0.9697	0.9690	0.9421	0.7374	0.8331	0.8377
60.8	0.9776	0.9572	0.9644	0.9647	0.9423	0.7551	0.7894	0.8606
60.9	0.9866	0.9663	0.9723	0.9736	0.9536	0.8133	0.8297	0.8784
61.0	0.9876	0.9716	0.9786	0.9818	0.9497	0.8566	0.8615	0.9086
61.1	0.9787	0.9625	0.9710	0.9760	0.9303	0.7924	0.7676	0.8721
61.2	0.9803	0.9635	0.9770	0.9760	0.9514	0.8151	0.7449	0.8256
61.3	0.9739	0.9558	0.9693	0.9752	0.9397	0.8171	0.7106	0.8191
61.4	0.9789	0.9636	0.9712	0.9764	0.9494	0.8072	0.7393	0.8685
61.5	0.9870	0.9737	0.9853	0.9819	0.9690	0.8471	0.7420	0.9083
61.6	0.9862	0.9807	0.9815	0.9808	0.9645	0.8887	0.6989	0.9086
61.7	0.9852	0.9785	0.9805	0.9816	0.9608	0.8546	0.7332	0.8968
61.8	0.9846	0.9745	0.9796	0.9765	0.9535	0.8684	0.7723	0.9067
61.9	0.9823	0.9737	0.9771	0.9771	0.9502	0.8302	0.7468	0.8972
62.0	0.9793	0.9760	0.9719	0.9726	0.9591	0.8141	0.7292	0.8898
62.1	0.9782	0.9699	0.9737	0.9704	0.9543	0.8383	0.7209	0.8632
62.2	0.9777	0.9687	0.9735	0.9750	0.9525	0.7948	0.7063	0.8638
62.3	0.9870	0.9739	0.9767	0.9759	0.9607	0.8007	0.7766	0.9104
62.4	0.9863	0.9735	0.9800	0.9753	0.9566	0.7812	0.6672	0.8930
62.5	0.9876	0.9740	0.9821	0.9798	0.9395	0.7782	0.7261	0.8805
62.6	0.9875	0.9716	0.9785	0.9768	0.9460	0.8334	0.7420	0.8911
62.7	0.9836	0.9684	0.9799	0.9801	0.9573	0.7974	0.6906	0.8794
62.8	0.9848	0.9627	0.9845	0.9778	0.9500	0.8151	0.7217	0.8641
62.9	0.9873	0.9652	0.9792	0.9774	0.9406	0.8146	0.7478	0.8139
63.0	0.9886	0.9684	0.9774	0.9806	0.9397	0.8259	0.8334	0.8060
63.1	0.9888	0.9740	0.9789	0.9819	0.9557	0.8214	0.8438	0.8541
63.2	0.9867	0.9697	0.9779	0.9786	0.9543	0.8212	0.8298	0.7897
63.3	0.9871	0.9598	0.9785	0.9757	0.9410	0.7689	0.8294	0.7927
63.4	0.9884	0.9681	0.9811	0.9745	0.9411	0.7945	0.8718	0.8343
63.5	0.9896	0.9771	0.9855	0.9804	0.9542	0.8312	0.9202	0.8272
63.6	0.9863	0.9793	0.9853	0.9881	0.9610	0.8381	0.9121	0.8183
63.7	0.9874	0.9774	0.9825	0.9818	0.9451	0.8203	0.8881	0.7595
63.8	0.9876	0.9784	0.9840	0.9807	0.9505	0.8286	0.8964	0.7434
63.9	0.9855	0.9744	0.9845	0.9817	0.9440	0.8057	0.9010	0.7335
64.0	0.9895	0.9809	0.9844	0.9856	0.9458	0.8473	0.9346	0.7598
64.1	0.9881	0.9742	0.9801	0.9839	0.9555	0.7822	0.9249	0.6903
64.2	0.9846	0.9681	0.9786	0.9763	0.9570	0.7802	0.9229	0.6679
64.3	0.9868	0.9701	0.9842	0.9825	0.9530	0.8041	0.9225	0.7047
64.4	0.9876	0.9705	0.9842	0.9831	0.9473	0.7577	0.9305	0.6261
64.5	0.9876	0.9666	0.9821	0.9804	0.9581	0.7269	0.9236	0.6050
64.6	0.9851	0.9648	0.9739	0.9762	0.9456	0.6743	0.9136	0.6990
64.7	0.9876	0.9748	0.9792	0.9790	0.9266	0.7132	0.9189	0.6267
64.8	0.9875	0.9733	0.9817	0.9754	0.9185	0.6235	0.8897	0.4767
64.9	0.9894	0.9724	0.9809	0.9776	0.9399	0.6359	0.9071	0.4817
65.0	0.9884	0.9751	0.9804	0.9799	0.9433	0.6917	0.9026	0.6004
65.1	0.9870	0.9697	0.9848	0.9780	0.9350	0.6499	0.9097	0.6512
65.2	0.9865	0.9678	0.9850	0.9804	0.9429	0.5370	0.9171	0.6309
65.3	0.9878	0.9646	0.9840	0.9833	0.9408	0.5653	0.9136	0.5784
65.4	0.9898	0.9725	0.9844	0.9813	0.9392	0.5993	0.9016	0.4811
65.5	0.9914	0.9788	0.9829	0.9779	0.9365	0.5994	0.8901	0.4195
65.6	0.9863	0.9699	0.9730	0.9773	0.9101	0.5905	0.8100	0.4521
65.7	0.9898	0.9716	0.9797	0.9818	0.9075	0.6660	0.8338	0.4940
65.8	0.9867	0.9694	0.9822	0.9821	0.9203	0.7044	0.8529	0.5604
65.9	0.9893	0.9753	0.9833	0.9818	0.9245	0.7776	0.8572	0.5670
66.0	0.9893	0.9697	0.9803	0.9789	0.9166	0.7672	0.7934	0.5261
66.1	0.9875	0.9667	0.9838	0.9743	0.9301	0.7254	0.8014	0.5549
66.2	0.9872	0.9710	0.9835	0.9749	0.8808	0.7914	0.7186	0.7210
66.3	0.9874	0.9816	0.9880	0.9802	0.8938	0.8420	0.7073	0.7323
66.4	0.9848	0.9749	0.9817	0.9736	0.8691	0.8163	0.6912	0.6627
66.5	0.9864	0.9792	0.9815	0.9805	0.8981	0.8452	0.6987	0.7914
66.6	0.9877	0.9801	0.9861	0.9813	0.9231	0.8764	0.6655	0.7992
66.7	0.9882	0.9698	0.9866	0.9789	0.8639	0.8765	0.5225	0.8058
66.8	0.9846	0.9670	0.9828	0.9714	0.8059	0.8105	0.5753	0.7763
66.9	0.9840	0.9754	0.9801	0.9758	0.8369	0.8519	0.5410	0.7679
67.0	0.9852	0.9721	0.9801	0.9817	0.8666	0.8587	0.5413	0.7966
67.1	0.9849	0.9628	0.9852	0.9766	0.8492	0.8390	0.4596	0.8451
67.2	0.9890	0.9758	0.9873	0.9795	0.8355	0.8699	0.4729	0.8815
67.3	0.9891	0.9756	0.9819	0.9818	0.8528	0.8605	0.6022	0.8456
67.4	0.9897	0.9859	0.9840	0.9864	0.8800	0.8752	0.6672	0.8823
67.5	0.9910	0.9835	0.9862	0.9868	0.8582	0.8703	0.6717	0.8952
67.6	0.9914	0.9812	0.9888	0.9884	0.8828	0.8728	0.6516	0.8811
67.7	0.9903	0.9772	0.9843	0.9818	0.8748	0.8679	0.5367	0.8679
67.8	0.9859	0.9690	0.9782	0.9825	0.8123	0.8120	0.4043	0.8465
67.9	0.9892	0.9800	0.9873	0.9877	0.8365	0.8227	0.3601	0.8632
68.0	0.9908	0.9831	0.9879	0.9884	0.8823	0.8551	0.4424	0.8644
68.1	0.9857	0.9731	0.9844	0.9861	0.8560	0.8679	0.4138	0.8133

68.2	0.9867	0.9757	0.9823	0.9844	0.8427	0.8296	0.3699	0.8071
68.3	0.9886	0.9762	0.9814	0.9782	0.7858	0.8449	0.0825	0.8439
68.4	0.9893	0.9709	0.9829	0.9727	0.7323	0.8426	0.0234	0.8241
68.5	0.9873	0.9687	0.9817	0.9797	0.7718	0.7850	0.1358	0.7837
68.6	0.9895	0.9743	0.9865	0.9870	0.8348	0.8342	0.1316	0.8577
68.7	0.9884	0.9738	0.9798	0.9847	0.7923	0.8237	0.0340	0.8396
68.8	0.9882	0.9796	0.9817	0.9831	0.7880	0.8389	0.0049	0.8589
68.9	0.9908	0.9750	0.9863	0.9875	0.7752	0.8891	0.1053	0.8814
69.0	0.9891	0.9761	0.9880	0.9859	0.7412	0.8846	0.0624	0.8853
69.1	0.9836	0.9741	0.9820	0.9792	0.7648	0.8664	0.0505	0.8499
69.2	0.9865	0.9762	0.9829	0.9848	0.7577	0.8894	0.3352	0.8687
69.3	0.9913	0.9778	0.9867	0.9882	0.7986	0.9055	0.3435	0.9132
69.4	0.9882	0.9735	0.9824	0.9871	0.8172	0.8618	0.2993	0.8830
69.5	0.9868	0.9820	0.9832	0.9878	0.8426	0.8577	0.3814	0.8511
69.6	0.9868	0.9762	0.9860	0.9880	0.8232	0.8833	0.4304	0.8719
69.7	0.9884	0.9708	0.9879	0.9837	0.7753	0.8834	0.4722	0.8715
69.8	0.9883	0.9790	0.9863	0.9845	0.8093	0.8929	0.5273	0.8864
69.9	0.9909	0.9816	0.9880	0.9866	0.8448	0.9113	0.5476	0.9123
70.0	0.9918	0.9779	0.9887	0.9878	0.8731	0.9091	0.4955	0.9237
70.1	0.9914	0.9740	0.9876	0.9875	0.8749	0.9039	0.4358	0.9088
70.2	0.9887	0.9726	0.9881	0.9872	0.8213	0.9001	0.4459	0.8953
70.3	0.9864	0.9686	0.9870	0.9832	0.7799	0.8678	0.3196	0.8704
70.4	0.9881	0.9742	0.9863	0.9842	0.8377	0.9011	0.4050	0.9026
70.5	0.9871	0.9765	0.9871	0.9841	0.8521	0.8963	0.5003	0.9081
70.6	0.9886	0.9723	0.9889	0.9875	0.8645	0.9089	0.5534	0.9322
70.7	0.9849	0.9627	0.9788	0.9863	0.8034	0.8938	0.3465	0.9012
70.8	0.9829	0.9681	0.9820	0.9828	0.7875	0.8868	0.3194	0.8845
70.9	0.9906	0.9799	0.9887	0.9884	0.8853	0.9131	0.5436	0.9407
71.0	0.9910	0.9823	0.9893	0.9913	0.9217	0.9321	0.5699	0.9553
71.1	0.9899	0.9676	0.9867	0.9877	0.9000	0.9371	0.5039	0.9465
71.2	0.9884	0.9700	0.9872	0.9886	0.8735	0.9261	0.4413	0.9440
71.3	0.9892	0.9756	0.9877	0.9886	0.8896	0.9359	0.5120	0.9515
71.4	0.9894	0.9707	0.9885	0.9857	0.9021	0.9373	0.5348	0.9597
71.5	0.9861	0.9730	0.9871	0.9885	0.8934	0.9392	0.6329	0.9623
71.6	0.9896	0.9787	0.9886	0.9894	0.9142	0.9445	0.6457	0.9630
71.7	0.9895	0.9737	0.9836	0.9875	0.8994	0.9348	0.6568	0.9518
71.8	0.9880	0.9702	0.9838	0.9885	0.9034	0.9440	0.7440	0.9454
71.9	0.9806	0.9581	0.9799	0.9867	0.9184	0.9330	0.7459	0.9407
72.0	0.9831	0.9692	0.9872	0.9878	0.9174	0.9291	0.7970	0.9535
72.1	0.9812	0.9661	0.9857	0.9860	0.8971	0.9129	0.7323	0.9440
72.2	0.9824	0.9714	0.9834	0.9846	0.9061	0.9280	0.7715	0.9542
72.3	0.9779	0.9633	0.9852	0.9818	0.8975	0.9104	0.8057	0.9480
72.4	0.9804	0.9715	0.9837	0.9847	0.9274	0.9281	0.8443	0.9552
72.5	0.9784	0.9760	0.9830	0.9834	0.9419	0.9344	0.8674	0.9585
72.6	0.9791	0.9688	0.9853	0.9854	0.9400	0.9412	0.8765	0.9570
72.7	0.9830	0.9666	0.9885	0.9906	0.9343	0.9363	0.8735	0.9619
72.8	0.9854	0.9760	0.9843	0.9890	0.9516	0.9500	0.9018	0.9703
72.9	0.9872	0.9733	0.9791	0.9898	0.9658	0.9609	0.9260	0.9708
73.0	0.9825	0.9740	0.9838	0.9898	0.9516	0.9488	0.9131	0.9661
73.1	0.9806	0.9741	0.9842	0.9896	0.9457	0.9434	0.9018	0.9638
73.2	0.9817	0.9773	0.9852	0.9894	0.9549	0.9495	0.9260	0.9649
73.3	0.9842	0.9759	0.9864	0.9892	0.9667	0.9524	0.9300	0.9712
73.4	0.9787	0.9705	0.9849	0.9874	0.9669	0.9526	0.9307	0.9737
73.5	0.9764	0.9745	0.9820	0.9830	0.9669	0.9489	0.9281	0.9703
73.6	0.9799	0.9731	0.9826	0.9844	0.9694	0.9527	0.9320	0.9747
73.7	0.9783	0.9672	0.9793	0.9874	0.9580	0.9472	0.9181	0.9735
73.8	0.9770	0.9768	0.9825	0.9804	0.9649	0.9484	0.9233	0.9741
73.9	0.9771	0.9703	0.9797	0.9794	0.9641	0.9529	0.9378	0.9711
74.0	0.9721	0.9752	0.9826	0.9855	0.9667	0.9481	0.9306	0.9695
74.1	0.9704	0.9749	0.9826	0.9847	0.9637	0.9465	0.9286	0.9681
74.2	0.9681	0.9701	0.9817	0.9792	0.9603	0.9428	0.9341	0.9672
74.3	0.9718	0.9722	0.9871	0.9835	0.9683	0.9488	0.9437	0.9754
74.4	0.9598	0.9720	0.9777	0.9799	0.9643	0.9461	0.9286	0.9698
74.5	0.9735	0.9787	0.9812	0.9855	0.9738	0.9535	0.9446	0.9756
74.6	0.9780	0.9779	0.9847	0.9863	0.9780	0.9577	0.9515	0.9781
74.7	0.9718	0.9650	0.9799	0.9799	0.9699	0.9356	0.9330	0.9706
74.8	0.9748	0.9778	0.9851	0.9849	0.9794	0.9582	0.9596	0.9773
74.9	0.9768	0.9795	0.9834	0.9824	0.9761	0.9579	0.9605	0.9750
75.0	0.9714	0.9725	0.9746	0.9804	0.9723	0.9446	0.9514	0.9736
75.1	0.9621	0.9699	0.9755	0.9796	0.9713	0.9468	0.9393	0.9705
75.2	0.9668	0.9809	0.9845	0.9862	0.9780	0.9649	0.9535	0.9818
75.3	0.9649	0.9803	0.9848	0.9857	0.9751	0.9551	0.9481	0.9768
75.4	0.9729	0.9798	0.9830	0.9848	0.9779	0.9645	0.9588	0.9751
75.5	0.9712	0.9698	0.9800	0.9829	0.9675	0.9449	0.9399	0.9667
75.6	0.9555	0.9638	0.9801	0.9775	0.9643	0.9348	0.9333	0.9587
75.7	0.9499	0.9754	0.9833	0.9814	0.9732	0.9500	0.9532	0.9706
75.8	0.9506	0.9760	0.9794	0.9793	0.9730	0.9522	0.9520	0.9735
75.9	0.9565	0.9725	0.9800	0.9838	0.9710	0.9527	0.9515	0.9683
76.0	0.9344	0.9649	0.9756	0.9858	0.9676	0.9392	0.9374	0.9646
76.1	0.9282	0.9701	0.9703	0.9769	0.9737	0.9507	0.9484	0.9635
76.2	0.9573	0.9678	0.9721	0.9780	0.9686	0.9449	0.9439	0.9646
76.3	0.9496	0.9666	0.9759	0.9763	0.9755	0.9540	0.9556	0.9734
76.4	0.9306	0.9696	0.9803	0.9806	0.9789	0.9545	0.9629	0.9774
76.5	0.9209	0.9726	0.9774	0.9786	0.9779	0.9524	0.9656	0.9748
76.6	0.9379	0.9699	0.9810	0.9832	0.9771	0.9559	0.9536	0.9664
76.7	0.9312	0.9695	0.9815	0.9839	0.9752	0.9529	0.9550	0.9661

76.8	0.9256	0.9675	0.9808	0.9796	0.9783	0.9550	0.9687	0.9685
76.9	0.9058	0.9616	0.9763	0.9764	0.9723	0.9522	0.9574	0.9631
77.0	0.8963	0.9641	0.9811	0.9755	0.9705	0.9423	0.9580	0.9648
77.1	0.8896	0.9723	0.9801	0.9772	0.9805	0.9542	0.9690	0.9692
77.2	0.9060	0.9767	0.9775	0.9844	0.9824	0.9625	0.9747	0.9716
77.3	0.8825	0.9674	0.9769	0.9818	0.9757	0.9481	0.9663	0.9680
77.4	0.8656	0.9596	0.9739	0.9757	0.9671	0.9427	0.9590	0.9499
77.5	0.8557	0.9614	0.9797	0.9733	0.9684	0.9375	0.9619	0.9544
77.6	0.8070	0.9571	0.9794	0.9749	0.9729	0.9334	0.9602	0.9596
77.7	0.8098	0.9484	0.9695	0.9711	0.9724	0.9307	0.9563	0.9572
77.8	0.7306	0.9409	0.9616	0.9647	0.9631	0.9192	0.9555	0.9540
77.9	0.7670	0.9416	0.9699	0.9692	0.9737	0.9357	0.9650	0.9573
78.0	0.7821	0.9423	0.9729	0.9681	0.9717	0.9455	0.9655	0.9588
78.1	0.8315	0.9565	0.9792	0.9757	0.9751	0.9379	0.9699	0.9642
78.2	0.8356	0.9602	0.9785	0.9759	0.9749	0.9335	0.9693	0.9536
78.3	0.8288	0.9482	0.9791	0.9712	0.9739	0.9239	0.9684	0.9537
78.4	0.8265	0.9537	0.9816	0.9716	0.9743	0.9130	0.9699	0.9548
78.5	0.8481	0.9619	0.9828	0.9759	0.9798	0.9180	0.9709	0.9616
78.6	0.8913	0.9556	0.9782	0.9754	0.9764	0.9195	0.9679	0.9599
78.7	0.9180	0.9592	0.9734	0.9751	0.9715	0.9070	0.9655	0.9587
78.8	0.9112	0.9619	0.9745	0.9818	0.9660	0.9056	0.9588	0.9537
78.9	0.8993	0.9538	0.9737	0.9739	0.9540	0.8933	0.9324	0.9489
79.0	0.9168	0.9608	0.9736	0.9721	0.9548	0.8926	0.9315	0.9467
79.1	0.9188	0.9617	0.9738	0.9754	0.9495	0.8496	0.9362	0.9333
79.2	0.8931	0.9492	0.9690	0.9712	0.9522	0.8141	0.9255	0.9340
79.3	0.9126	0.9490	0.9769	0.9711	0.9594	0.8653	0.9270	0.9481
79.4	0.8941	0.9363	0.9712	0.9579	0.9429	0.8118	0.9086	0.9292
79.5	0.9130	0.9373	0.9693	0.9588	0.9568	0.8257	0.9239	0.9307
79.6	0.9457	0.9391	0.9684	0.9675	0.9486	0.8391	0.9229	0.9296
79.7	0.9407	0.9490	0.9745	0.9692	0.9557	0.8497	0.9165	0.9275
79.8	0.9241	0.9534	0.9710	0.9633	0.9574	0.8688	0.9072	0.9419
79.9	0.9189	0.9440	0.9689	0.9565	0.9226	0.7921	0.8630	0.9201
80.0	0.9514	0.9626	0.9741	0.9697	0.9327	0.8340	0.8761	0.9299

1.2.18 Run 5 – VTC – SF and shaft bending gauges

Vertical shaking on center. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.6825	0.6785	0.5668	0.8582	0.6224	0.6517	0.6044	0.7082
0.1	0.1377	0.1422	0.0204	0.7718	0.0330	0.0540	0.0177	0.2761
0.2	0.0991	0.0104	0.9448	0.9533	0.9000	0.4918	0.8390	0.6653
0.3	0.2582	0.2029	0.8296	0.7824	0.3865	0.2740	0.2810	0.2964
0.4	0.1919	0.2492	0.5356	0.7481	0.4783	0.2121	0.3909	0.1934
0.5	0.4128	0.5163	0.6337	0.8986	0.7358	0.4589	0.7379	0.4041
0.6	0.1955	0.1805	0.8956	0.8966	0.8707	0.1596	0.9213	0.1817
0.7	0.2816	0.0802	0.9657	0.9639	0.9649	0.2599	0.9568	0.4950
0.8	0.1165	0.0914	0.6678	0.6028	0.9626	0.1060	0.8606	0.1186
0.9	0.2465	0.2757	0.2882	0.6928	0.7952	0.2634	0.8222	0.2366
1.0	0.5604	0.6230	0.7000	0.9340	0.7723	0.6051	0.8391	0.5210
1.1	0.8911	0.9308	0.9758	0.9940	0.9142	0.9604	0.9223	0.9373
1.2	0.8703	0.9484	0.9869	0.9955	0.9875	0.9897	0.9876	0.9854
1.3	0.8618	0.9330	0.9853	0.9963	0.9898	0.9909	0.9910	0.9872
1.4	0.7857	0.9187	0.9785	0.9953	0.9887	0.9866	0.9913	0.9805
1.5	0.8737	0.9392	0.9848	0.9971	0.9914	0.9939	0.9925	0.9923
1.6	0.8702	0.9387	0.9891	0.9969	0.9909	0.9940	0.9919	0.9899
1.7	0.8347	0.9266	0.9846	0.9950	0.9845	0.9892	0.9859	0.9814
1.8	0.8027	0.8931	0.9717	0.9930	0.9406	0.9646	0.9432	0.9655
1.9	0.8003	0.8869	0.9736	0.9885	0.8223	0.9131	0.8246	0.9419
2.0	0.8017	0.8631	0.9623	0.9869	0.8689	0.9273	0.8714	0.9413
2.1	0.6234	0.6979	0.8943	0.9525	0.9094	0.9408	0.9149	0.9335
2.2	0.3715	0.4051	0.9002	0.9102	0.7378	0.8321	0.7541	0.8728
2.3	0.1283	0.0094	0.9745	0.9795	0.6920	0.7822	0.7004	0.8043
2.4	0.0520	0.3721	0.9891	0.9927	0.7878	0.8900	0.7838	0.9068
2.5	0.0413	0.5025	0.9911	0.9936	0.7948	0.8954	0.7958	0.9554
2.6	0.1326	0.5826	0.9879	0.9929	0.6552	0.9139	0.6911	0.9518
2.7	0.1721	0.6257	0.9871	0.9920	0.5635	0.9362	0.5937	0.9505
2.8	0.0832	0.7006	0.9899	0.9930	0.5582	0.9371	0.5608	0.9677
2.9	0.1780	0.7247	0.9912	0.9932	0.2694	0.8936	0.2686	0.9608
3.0	0.2866	0.6843	0.9893	0.9906	0.3249	0.9232	0.3162	0.9365
3.1	0.2873	0.6967	0.9829	0.9889	0.8777	0.9503	0.8856	0.9444
3.2	0.2815	0.5566	0.9727	0.9810	0.6486	0.8715	0.6514	0.8081
3.3	0.2301	0.4887	0.9749	0.9851	0.4441	0.8182	0.4428	0.7821
3.4	0.1243	0.4355	0.9700	0.9816	0.3423	0.8556	0.3558	0.8689
3.5	0.1347	0.2321	0.9362	0.9605	0.0910	0.7129	0.1457	0.7591
3.6	0.0537	0.0533	0.8323	0.9102	0.1637	0.4269	0.1908	0.4599
3.7	0.0283	0.3820	0.9366	0.9694	0.7959	0.8390	0.8239	0.6745
3.8	0.4383	0.8088	0.9910	0.9957	0.9833	0.9779	0.9872	0.9586
3.9	0.7312	0.9296	0.9972	0.9988	0.9752	0.9846	0.9756	0.9825
4.0	0.6798	0.9491	0.9982	0.9992	0.9621	0.9808	0.9603	0.9790
4.1	0.5385	0.9408	0.9981	0.9988	0.9834	0.9905	0.9838	0.9889
4.2	0.4645	0.9010	0.9965	0.9979	0.9868	0.9922	0.9876	0.9899
4.3	0.4526	0.8388	0.9949	0.9973	0.9672	0.9858	0.9714	0.9786
4.4	0.5377	0.8405	0.9961	0.9974	0.9557	0.9822	0.9638	0.9764
4.5	0.5188	0.7778	0.9931	0.9947	0.9361	0.9636	0.9446	0.9537
4.6	0.6059	0.7929	0.9916	0.9941	0.9437	0.9661	0.9622	0.9566
4.7	0.5968	0.7963	0.9883	0.9905	0.9202	0.9462	0.9480	0.9398
4.8	0.6402	0.7421	0.9731	0.9840	0.9056	0.9012	0.9355	0.8941
4.9	0.6061	0.6374	0.9601	0.9763	0.9012	0.7771	0.9329	0.7894
5.0	0.2427	0.1847	0.9779	0.9818	0.9206	0.7676	0.9344	0.7854
5.1	0.4155	0.4659	0.9909	0.9925	0.9660	0.9318	0.9736	0.9336
5.2	0.5711	0.6684	0.9896	0.9902	0.9411	0.9407	0.9665	0.9493
5.3	0.3815	0.4784	0.9823	0.9842	0.8370	0.8813	0.9065	0.9076
5.4	0.0682	0.2185	0.9383	0.9538	0.2429	0.2863	0.4557	0.5542
5.5	0.0722	0.3361	0.9534	0.9405	0.7435	0.1568	0.8269	0.0690
5.6	0.2761	0.5190	0.9523	0.9463	0.8444	0.7183	0.8830	0.4866
5.7	0.5851	0.7512	0.9632	0.9670	0.9531	0.9007	0.9645	0.8024
5.8	0.7447	0.8745	0.9801	0.9911	0.9749	0.9538	0.9842	0.9083
5.9	0.8302	0.9328	0.9872	0.9951	0.9899	0.9834	0.9957	0.9666
6.0	0.8598	0.9281	0.9904	0.9966	0.9931	0.9870	0.9966	0.9771
6.1	0.8603	0.9343	0.9925	0.9977	0.9904	0.9902	0.9949	0.9859
6.2	0.8615	0.9606	0.9975	0.9991	0.9938	0.9954	0.9972	0.9936
6.3	0.8655	0.9706	0.9978	0.9993	0.9902	0.9955	0.9955	0.9937
6.4	0.8467	0.9678	0.9983	0.9993	0.9861	0.9933	0.9940	0.9897
6.5	0.6611	0.9420	0.9974	0.9990	0.9667	0.9907	0.9870	0.9856
6.6	0.2280	0.9252	0.9976	0.9988	0.9470	0.9835	0.9761	0.9790
6.7	0.0220	0.8964	0.9967	0.9976	0.8984	0.9795	0.9435	0.9774
6.8	0.1579	0.8961	0.9956	0.9960	0.8600	0.9712	0.8689	0.9766
6.9	0.1971	0.7953	0.9843	0.9889	0.8050	0.9077	0.7640	0.9656
7.0	0.5660	0.4708	0.9765	0.9829	0.8933	0.8893	0.8851	0.9487
7.1	0.6834	0.1970	0.9479	0.9603	0.8890	0.8913	0.8877	0.9401
7.2	0.5984	0.4272	0.9067	0.9454	0.9082	0.9151	0.9123	0.9344
7.3	0.7820	0.7645	0.9103	0.9642	0.9624	0.9718	0.9657	0.9717
7.4	0.8000	0.8246	0.8521	0.9198	0.9598	0.9762	0.9646	0.9737
7.5	0.8531	0.8456	0.7447	0.8737	0.9772	0.9878	0.9808	0.9799
7.6	0.9078	0.9079	0.8698	0.9377	0.9922	0.9948	0.9938	0.9822
7.7	0.9249	0.9358	0.9150	0.9692	0.9955	0.9934	0.9967	0.9727
7.8	0.9038	0.9203	0.9656	0.9919	0.9979	0.9935	0.9988	0.9752
7.9	0.9033	0.9101	0.9886	0.9961	0.9980	0.9957	0.9985	0.9846

8.0	0.8747	0.8923	0.9907	0.9901	0.9976	0.9955	0.9984	0.9824
8.1	0.9268	0.9068	0.9888	0.9944	0.9984	0.9954	0.9991	0.9791
8.2	0.9102	0.8628	0.9868	0.9963	0.9979	0.9945	0.9985	0.9760
8.3	0.8528	0.8742	0.9916	0.9958	0.9985	0.9944	0.9991	0.9768
8.4	0.8575	0.8749	0.9917	0.9953	0.9985	0.9931	0.9991	0.9739
8.5	0.8804	0.8767	0.9919	0.9955	0.9980	0.9936	0.9988	0.9762
8.6	0.8905	0.8821	0.9910	0.9971	0.9980	0.9938	0.9987	0.9788
8.7	0.8760	0.8720	0.9908	0.9954	0.9955	0.9921	0.9971	0.9764
8.8	0.9040	0.9014	0.9914	0.9965	0.9965	0.9944	0.9972	0.9802
8.9	0.8768	0.8790	0.9913	0.9966	0.9957	0.9924	0.9963	0.9720
9.0	0.8483	0.8732	0.9848	0.9967	0.9878	0.9929	0.9901	0.9786
9.1	0.8932	0.9302	0.9892	0.9957	0.9904	0.9932	0.9920	0.9818
9.2	0.9276	0.9317	0.9832	0.9949	0.9791	0.9883	0.9807	0.9800
9.3	0.9294	0.9436	0.9807	0.9933	0.9668	0.9820	0.9698	0.9870
9.4	0.9327	0.9471	0.9647	0.9893	0.9468	0.9678	0.9501	0.9814
9.5	0.9500	0.9697	0.9675	0.9894	0.9562	0.9685	0.9581	0.9797
9.6	0.9354	0.9747	0.9489	0.9884	0.9554	0.9648	0.9569	0.9839
9.7	0.9056	0.9829	0.9282	0.9882	0.9329	0.9539	0.9299	0.9812
9.8	0.9133	0.9844	0.9509	0.9926	0.9588	0.9642	0.9592	0.9782
9.9	0.9190	0.9816	0.9569	0.9933	0.9609	0.9711	0.9631	0.9744
10.0	0.9428	0.9826	0.9484	0.9941	0.9371	0.9799	0.9583	0.9802
10.1	0.9488	0.9783	0.9459	0.9937	0.9287	0.9825	0.9646	0.9834
10.2	0.9290	0.9772	0.9480	0.9945	0.9486	0.9810	0.9875	0.9789
10.3	0.9263	0.9769	0.9534	0.9951	0.9721	0.9856	0.9930	0.9822
10.4	0.9571	0.9806	0.9669	0.9955	0.9854	0.9878	0.9967	0.9841
10.5	0.9596	0.9799	0.9577	0.9952	0.9845	0.9914	0.9970	0.9884
10.6	0.9366	0.9729	0.9243	0.9942	0.9775	0.9871	0.9951	0.9835
10.7	0.9467	0.9764	0.9299	0.9940	0.9808	0.9904	0.9946	0.9870
10.8	0.9552	0.9756	0.9460	0.9954	0.9840	0.9922	0.9964	0.9890
10.9	0.9521	0.9705	0.9537	0.9945	0.9883	0.9905	0.9968	0.9856
11.0	0.9331	0.9686	0.9413	0.9942	0.9926	0.9885	0.9974	0.9824
11.1	0.9288	0.9735	0.9483	0.9948	0.9916	0.9865	0.9970	0.9800
11.2	0.9432	0.9794	0.9688	0.9955	0.9924	0.9878	0.9972	0.9828
11.3	0.9478	0.9752	0.9693	0.9941	0.9938	0.9896	0.9979	0.9847
11.4	0.9584	0.9756	0.9666	0.9948	0.9937	0.9915	0.9978	0.9876
11.5	0.9544	0.9728	0.9640	0.9941	0.9931	0.9870	0.9974	0.9810
11.6	0.9300	0.9650	0.9565	0.9925	0.9925	0.9821	0.9972	0.9730
11.7	0.9359	0.9701	0.9618	0.9944	0.9948	0.9857	0.9983	0.9775
11.8	0.9486	0.9710	0.9666	0.9952	0.9957	0.9891	0.9984	0.9815
11.9	0.9545	0.9786	0.9729	0.9963	0.9966	0.9934	0.9986	0.9893
12.0	0.9546	0.9770	0.9656	0.9963	0.9964	0.9935	0.9983	0.9904
12.1	0.9507	0.9711	0.9506	0.9952	0.9975	0.9903	0.9986	0.9845
12.2	0.9537	0.9665	0.9471	0.9949	0.9967	0.9874	0.9988	0.9799
12.3	0.9405	0.9656	0.9405	0.9926	0.9956	0.9838	0.9978	0.9737
12.4	0.9571	0.9727	0.9274	0.9934	0.9966	0.9877	0.9981	0.9805
12.5	0.9738	0.9836	0.9387	0.9952	0.9972	0.9922	0.9984	0.9879
12.6	0.9647	0.9826	0.9054	0.9958	0.9972	0.9889	0.9987	0.9824
12.7	0.9674	0.9831	0.8663	0.9962	0.9970	0.9886	0.9987	0.9820
12.8	0.9789	0.9846	0.8735	0.9968	0.9977	0.9927	0.9989	0.9887
12.9	0.9815	0.9834	0.8321	0.9967	0.9974	0.9918	0.9988	0.9880
13.0	0.9723	0.9787	0.7862	0.9966	0.9974	0.9895	0.9987	0.9849
13.1	0.9792	0.9848	0.7516	0.9958	0.9967	0.9933	0.9986	0.9898
13.2	0.9808	0.9824	0.7648	0.9951	0.9976	0.9909	0.9989	0.9865
13.3	0.9729	0.9847	0.7790	0.9943	0.9965	0.9884	0.9979	0.9826
13.4	0.9796	0.9868	0.7822	0.9941	0.9961	0.9904	0.9977	0.9858
13.5	0.9803	0.9838	0.8038	0.9952	0.9966	0.9921	0.9980	0.9882
13.6	0.9829	0.9891	0.7945	0.9961	0.9975	0.9933	0.9985	0.9905
13.7	0.9854	0.9897	0.8034	0.9966	0.9968	0.9942	0.9982	0.9916
13.8	0.9825	0.9838	0.7940	0.9949	0.9964	0.9908	0.9978	0.9872
13.9	0.9792	0.9819	0.7773	0.9940	0.9966	0.9892	0.9979	0.9851
14.0	0.9818	0.9854	0.8708	0.9943	0.9972	0.9907	0.9982	0.9876
14.1	0.9826	0.9875	0.9041	0.9951	0.9977	0.9916	0.9986	0.9888
14.2	0.9815	0.9844	0.9224	0.9946	0.9978	0.9890	0.9985	0.9853
14.3	0.9821	0.9826	0.9508	0.9932	0.9968	0.9882	0.9983	0.9844
14.4	0.9850	0.9860	0.9617	0.9943	0.9974	0.9892	0.9982	0.9856
14.5	0.9732	0.9738	0.9362	0.9884	0.9947	0.9795	0.9969	0.9727
14.6	0.9809	0.9831	0.9620	0.9901	0.9970	0.9873	0.9982	0.9833
14.7	0.9796	0.9823	0.9677	0.9895	0.9981	0.9876	0.9987	0.9845
14.8	0.9668	0.9679	0.9538	0.9815	0.9976	0.9772	0.9982	0.9709
14.9	0.9696	0.9699	0.9654	0.9793	0.9978	0.9759	0.9983	0.9697
15.0	0.9560	0.9549	0.9617	0.9692	0.9975	0.9634	0.9980	0.9546
15.1	0.9125	0.9136	0.9356	0.9310	0.9970	0.9237	0.9970	0.9044
15.2	0.8416	0.8418	0.9052	0.8845	0.9970	0.8853	0.9968	0.8430
15.3	0.7492	0.7293	0.8607	0.8750	0.9974	0.8750	0.9968	0.8004
15.4	0.7455	0.7354	0.8215	0.9221	0.9971	0.9191	0.9974	0.8601
15.5	0.7148	0.7254	0.6831	0.9196	0.9968	0.9190	0.9967	0.8624
15.6	0.6902	0.6981	0.5313	0.8737	0.9938	0.8753	0.9936	0.8163
15.7	0.8167	0.8160	0.7215	0.9020	0.9957	0.9051	0.9947	0.8689
15.8	0.9057	0.9031	0.8741	0.9370	0.9937	0.9398	0.9936	0.9214
15.9	0.9340	0.9307	0.9258	0.9509	0.9957	0.9567	0.9962	0.9433
16.0	0.8918	0.8915	0.8925	0.9102	0.9902	0.9250	0.9916	0.9046
16.1	0.9228	0.9220	0.9300	0.9244	0.9952	0.9383	0.9956	0.9230
16.2	0.9447	0.9433	0.9553	0.9383	0.9937	0.9552	0.9950	0.9443
16.3	0.9684	0.9670	0.9756	0.9586	0.9942	0.9752	0.9953	0.9677
16.4	0.9777	0.9764	0.9841	0.9689	0.9936	0.9840	0.9941	0.9783
16.5	0.9805	0.9800	0.9869	0.9706	0.9785	0.9843	0.9794	0.9814

16.6	0.9732	0.9744	0.9827	0.9515	0.9817	0.9720	0.9818	0.9693
16.7	0.9649	0.9616	0.9773	0.9305	0.9856	0.9707	0.9863	0.9598
16.8	0.9545	0.9507	0.9715	0.8975	0.9833	0.9731	0.9847	0.9484
16.9	0.9445	0.9401	0.9692	0.8516	0.9675	0.9759	0.9693	0.9412
17.0	0.9428	0.9389	0.9703	0.8355	0.9642	0.9831	0.9655	0.9463
17.1	0.9176	0.9136	0.9634	0.7269	0.9566	0.9645	0.9580	0.9167
17.2	0.9157	0.9178	0.9668	0.7920	0.9868	0.9527	0.9875	0.8913
17.3	0.8928	0.9094	0.9723	0.8559	0.9846	0.9836	0.9849	0.9024
17.4	0.8318	0.8380	0.9708	0.8708	0.9862	0.9870	0.9867	0.8763
17.5	0.8301	0.7758	0.9780	0.9044	0.9899	0.9842	0.9903	0.8858
17.6	0.8966	0.8310	0.9847	0.9358	0.9934	0.9870	0.9933	0.9160
17.7	0.9217	0.8527	0.9886	0.9438	0.9931	0.9869	0.9936	0.9095
17.8	0.8915	0.7955	0.9853	0.9472	0.9928	0.9822	0.9931	0.8575
17.9	0.8635	0.7582	0.9829	0.9353	0.9954	0.9776	0.9956	0.7899
18.0	0.8632	0.7623	0.9863	0.9489	0.9947	0.9675	0.9947	0.7357
18.1	0.8478	0.7451	0.9841	0.9464	0.9956	0.9519	0.9956	0.5753
18.2	0.8534	0.6970	0.9857	0.9568	0.9952	0.9429	0.9954	0.2733
18.3	0.8972	0.7596	0.9888	0.9753	0.9946	0.9440	0.9953	0.4557
18.4	0.8954	0.7832	0.9876	0.9699	0.9935	0.9389	0.9942	0.6681
18.5	0.8970	0.8278	0.9855	0.9526	0.9953	0.9355	0.9959	0.7851
18.6	0.9113	0.8683	0.9849	0.9549	0.9947	0.9421	0.9948	0.8213
18.7	0.9214	0.8738	0.9892	0.9577	0.9919	0.9271	0.9922	0.7525
18.8	0.8884	0.8640	0.9861	0.9529	0.9933	0.8984	0.9946	0.5925
18.9	0.9091	0.8558	0.9854	0.9612	0.9930	0.8368	0.9939	0.4055
19.0	0.9433	0.8972	0.9872	0.9635	0.9961	0.8670	0.9968	0.4335
19.1	0.9569	0.9186	0.9875	0.9626	0.9935	0.8782	0.9950	0.4858
19.2	0.9453	0.9288	0.9905	0.9588	0.9947	0.8742	0.9965	0.4854
19.3	0.9270	0.9044	0.9861	0.9449	0.9956	0.7461	0.9969	0.1984
19.4	0.9429	0.9174	0.9868	0.9393	0.9957	0.6744	0.9957	0.0515
19.5	0.9499	0.9364	0.9914	0.9487	0.9947	0.8058	0.9952	0.1499
19.6	0.9449	0.9437	0.9931	0.9497	0.9948	0.8918	0.9954	0.5164
19.7	0.9462	0.9378	0.9913	0.9528	0.9957	0.8734	0.9962	0.7321
19.8	0.9484	0.9322	0.9897	0.9574	0.9937	0.9026	0.9958	0.8941
19.9	0.9233	0.9075	0.9845	0.9483	0.9906	0.9025	0.9936	0.9131
20.0	0.8961	0.8920	0.9863	0.9466	0.9948	0.9341	0.9959	0.9408
20.1	0.8733	0.8564	0.9880	0.9449	0.9934	0.9634	0.9945	0.9663
20.2	0.8687	0.8282	0.9850	0.9340	0.9920	0.9665	0.9946	0.9590
20.3	0.9053	0.8536	0.9872	0.9539	0.9945	0.9749	0.9957	0.9696
20.4	0.9148	0.8424	0.9882	0.9520	0.9944	0.9783	0.9963	0.9734
20.5	0.8817	0.8081	0.9856	0.9434	0.9932	0.9771	0.9957	0.9701
20.6	0.9032	0.7777	0.9908	0.9634	0.9923	0.9791	0.9961	0.9735
20.7	0.8942	0.6622	0.9858	0.9576	0.9886	0.9699	0.9948	0.9610
20.8	0.8954	0.6821	0.9840	0.9408	0.9877	0.9664	0.9943	0.9552
20.9	0.9150	0.7619	0.9882	0.9506	0.9928	0.9542	0.9956	0.9427
21.0	0.9026	0.7427	0.9836	0.9438	0.9916	0.9591	0.9954	0.9523
21.1	0.8729	0.6410	0.9802	0.9277	0.9917	0.9544	0.9951	0.9428
21.2	0.8382	0.5385	0.9772	0.9200	0.9884	0.9577	0.9940	0.9488
21.3	0.7937	0.4922	0.9659	0.8557	0.9824	0.9305	0.9908	0.9054
21.4	0.8148	0.5755	0.9685	0.8184	0.9888	0.9351	0.9912	0.9156
21.5	0.8294	0.6089	0.9659	0.8001	0.9884	0.8992	0.9930	0.8773
21.6	0.8442	0.6480	0.9608	0.7995	0.9894	0.8655	0.9944	0.8339
21.7	0.7886	0.5590	0.9437	0.7140	0.9810	0.8623	0.9924	0.8327
21.8	0.7658	0.5379	0.9494	0.7006	0.9802	0.8731	0.9911	0.8494
21.9	0.7881	0.6229	0.9488	0.5901	0.9703	0.8707	0.9844	0.8455
22.0	0.7881	0.6245	0.9464	0.6498	0.9673	0.8839	0.9787	0.8763
22.1	0.7953	0.5893	0.9402	0.6600	0.9618	0.8855	0.9763	0.8818
22.2	0.7086	0.4365	0.9328	0.7783	0.9638	0.9065	0.9836	0.9006
22.3	0.5466	0.3217	0.9076	0.7937	0.9511	0.8996	0.9791	0.8899
22.4	0.5458	0.3605	0.9301	0.8194	0.9421	0.9190	0.9801	0.9093
22.5	0.4163	0.2583	0.9170	0.8281	0.8953	0.9249	0.9683	0.9131
22.6	0.2328	0.2005	0.8629	0.7912	0.8521	0.9170	0.9570	0.8977
22.7	0.2868	0.0735	0.8671	0.8285	0.7422	0.9077	0.9141	0.8857
22.8	0.5129	0.0283	0.9031	0.8321	0.7158	0.9202	0.9050	0.8934
22.9	0.6162	0.0583	0.9109	0.8010	0.6532	0.9034	0.8955	0.8636
23.0	0.7371	0.2323	0.9237	0.8252	0.6009	0.9006	0.8431	0.8662
23.1	0.8330	0.4144	0.9521	0.8265	0.6630	0.8787	0.7253	0.8295
23.2	0.8784	0.5285	0.9689	0.8373	0.7310	0.9078	0.6622	0.8454
23.3	0.8722	0.5409	0.9643	0.8030	0.6938	0.8900	0.5263	0.8043
23.4	0.9071	0.7165	0.9791	0.8276	0.7739	0.9191	0.6182	0.8620
23.5	0.9144	0.7787	0.9805	0.8292	0.7717	0.9030	0.6353	0.8536
23.6	0.9172	0.7856	0.9762	0.8070	0.7813	0.8859	0.7726	0.8176
23.7	0.9143	0.8382	0.9767	0.8845	0.7698	0.9166	0.8602	0.8583
23.8	0.9077	0.8203	0.9798	0.8855	0.7782	0.9239	0.9038	0.8685
23.9	0.9119	0.8494	0.9821	0.9229	0.7750	0.9508	0.9137	0.9203
24.0	0.9045	0.8757	0.9866	0.9517	0.8016	0.9573	0.9091	0.9388
24.1	0.8894	0.8516	0.9875	0.9579	0.7047	0.9363	0.9265	0.9259
24.2	0.8830	0.8495	0.9832	0.9658	0.6718	0.9447	0.9246	0.9259
24.3	0.8112	0.7792	0.9700	0.9357	0.5148	0.9071	0.8582	0.8629
24.4	0.6651	0.6624	0.9651	0.9471	0.5075	0.8702	0.8903	0.8338
24.5	0.7750	0.6924	0.9765	0.9642	0.5501	0.9346	0.9105	0.9061
24.6	0.8294	0.6733	0.9809	0.9623	0.5000	0.9647	0.8736	0.9550
24.7	0.7971	0.6465	0.9849	0.9676	0.6060	0.9684	0.8760	0.9571
24.8	0.8163	0.6266	0.9880	0.9770	0.6502	0.9622	0.9191	0.9392
24.9	0.7817	0.4654	0.9814	0.9709	0.5853	0.9340	0.9276	0.9064
25.0	0.8173	0.4741	0.9813	0.9795	0.5381	0.9459	0.9293	0.9258
25.1	0.7877	0.3388	0.9855	0.9792	0.5640	0.9376	0.9256	0.9252

25.2	0.7345	0.1737	0.9860	0.9711	0.5303	0.8896	0.9248	0.8419
25.3	0.7113	0.2267	0.9781	0.9711	0.4932	0.8687	0.8918	0.7935
25.4	0.6771	0.2178	0.9764	0.9689	0.6098	0.8381	0.8502	0.7950
25.5	0.6735	0.2700	0.9717	0.9560	0.5547	0.8213	0.8048	0.7901
25.6	0.7242	0.1906	0.9786	0.9498	0.3705	0.8765	0.8495	0.8639
25.7	0.8018	0.2443	0.9854	0.9617	0.4582	0.9358	0.9441	0.9223
25.8	0.8484	0.4546	0.9870	0.9696	0.4459	0.9408	0.9716	0.9363
25.9	0.9143	0.5419	0.9884	0.9779	0.4703	0.9459	0.9768	0.9397
26.0	0.9114	0.5326	0.9802	0.9645	0.4625	0.9170	0.9734	0.9017
26.1	0.9130	0.7109	0.9776	0.9669	0.2528	0.9171	0.9713	0.8965
26.2	0.9369	0.7670	0.9829	0.9688	0.2801	0.8948	0.9822	0.8899
26.3	0.9605	0.8571	0.9868	0.9667	0.2513	0.8677	0.9857	0.8894
26.4	0.9693	0.9039	0.9867	0.9649	0.2331	0.8885	0.9824	0.9144
26.5	0.9697	0.9076	0.9845	0.9504	0.2402	0.9125	0.9862	0.9281
26.6	0.9685	0.9212	0.9856	0.9120	0.1551	0.8848	0.9774	0.9010
26.7	0.9703	0.9438	0.9902	0.9046	0.0886	0.9123	0.9882	0.9313
26.8	0.9751	0.9531	0.9904	0.8422	0.0139	0.9250	0.9852	0.9481
26.9	0.9804	0.9494	0.9877	0.6276	0.0039	0.9266	0.9782	0.9490
27.0	0.9725	0.9633	0.9891	0.3202	0.0022	0.9445	0.9807	0.9528
27.1	0.9784	0.9686	0.9895	0.1858	0.1372	0.9620	0.9916	0.9644
27.2	0.9834	0.9828	0.9913	0.4845	0.1757	0.9771	0.9950	0.9792
27.3	0.9809	0.9813	0.9910	0.6985	0.2016	0.9752	0.9943	0.9786
27.4	0.9763	0.9776	0.9906	0.7714	0.3992	0.9784	0.9952	0.9804
27.5	0.9815	0.9824	0.9928	0.8759	0.5528	0.9830	0.9958	0.9853
27.6	0.9801	0.9827	0.9907	0.8793	0.5589	0.9779	0.9947	0.9802
27.7	0.9671	0.9770	0.9876	0.8825	0.5544	0.9699	0.9937	0.9735
27.8	0.9675	0.9743	0.9877	0.9278	0.5910	0.9711	0.9963	0.9748
27.9	0.9740	0.9754	0.9870	0.9589	0.6750	0.9765	0.9963	0.9806
28.0	0.9531	0.9609	0.9776	0.9490	0.6627	0.9682	0.9954	0.9698
28.1	0.9527	0.9667	0.9735	0.9546	0.7132	0.9670	0.9931	0.9681
28.2	0.9501	0.9727	0.9766	0.9755	0.8550	0.9774	0.9895	0.9802
28.3	0.9217	0.9633	0.9617	0.9783	0.8586	0.9744	0.9900	0.9747
28.4	0.8960	0.9629	0.9509	0.9775	0.8477	0.9683	0.9955	0.9723
28.5	0.8733	0.9642	0.9461	0.9761	0.8762	0.9751	0.9966	0.9736
28.6	0.8664	0.9621	0.9490	0.9794	0.9086	0.9782	0.9967	0.9768
28.7	0.8180	0.9635	0.9386	0.9814	0.8757	0.9733	0.9972	0.9783
28.8	0.7414	0.9682	0.9484	0.9829	0.8722	0.9745	0.9968	0.9787
28.9	0.4003	0.9592	0.9525	0.9834	0.8992	0.9683	0.9960	0.9740
29.0	0.3348	0.9590	0.9534	0.9863	0.9218	0.9728	0.9956	0.9807
29.1	0.1808	0.9596	0.9623	0.9882	0.9405	0.9721	0.9956	0.9832
29.2	0.3222	0.9386	0.9633	0.9849	0.9327	0.9590	0.9950	0.9747
29.3	0.5189	0.9276	0.9672	0.9853	0.9310	0.9536	0.9943	0.9779
29.4	0.6844	0.9465	0.9779	0.9872	0.9458	0.9582	0.9953	0.9785
29.5	0.7046	0.9154	0.9731	0.9824	0.9279	0.9507	0.9941	0.9740
29.6	0.7554	0.9157	0.9689	0.9793	0.9368	0.9427	0.9963	0.9614
29.7	0.8274	0.9127	0.9730	0.9854	0.9525	0.9572	0.9968	0.9715
29.8	0.7297	0.8776	0.9645	0.9758	0.9476	0.9438	0.9937	0.9686
29.9	0.4820	0.7060	0.9356	0.9600	0.9310	0.9073	0.9856	0.9221
30.0	0.7012	0.6504	0.9614	0.9626	0.9421	0.9142	0.9920	0.9247
30.1	0.7988	0.7713	0.9788	0.9805	0.9519	0.9477	0.9970	0.9645
30.2	0.7281	0.4752	0.9748	0.9793	0.9600	0.9358	0.9971	0.9543
30.3	0.7224	0.0111	0.9809	0.9781	0.9677	0.9204	0.9978	0.9268
30.4	0.7556	0.4292	0.9841	0.9764	0.9612	0.9347	0.9974	0.9223
30.5	0.7814	0.7884	0.9800	0.9673	0.9518	0.9422	0.9961	0.9380
30.6	0.7949	0.8351	0.9784	0.9697	0.9528	0.9480	0.9948	0.9336
30.7	0.8381	0.8818	0.9798	0.9778	0.9653	0.9473	0.9954	0.9444
30.8	0.8533	0.8965	0.9739	0.9798	0.9609	0.9306	0.9940	0.9323
30.9	0.8768	0.8415	0.9679	0.9728	0.9481	0.9144	0.9945	0.8953
31.0	0.8740	0.7944	0.9687	0.9786	0.9346	0.9078	0.9952	0.8921
31.1	0.8504	0.7844	0.9714	0.9776	0.9162	0.9414	0.9945	0.9074
31.2	0.8805	0.6751	0.9792	0.9659	0.9097	0.9235	0.9946	0.8658
31.3	0.8937	0.4991	0.9771	0.9643	0.8932	0.8622	0.9941	0.8131
31.4	0.8708	0.2763	0.9637	0.9624	0.8820	0.7957	0.9941	0.7325
31.5	0.8381	0.1254	0.9647	0.9564	0.8548	0.7106	0.9915	0.5765
31.6	0.8771	0.0850	0.9703	0.9633	0.8801	0.7098	0.9898	0.4949
31.7	0.8671	0.0690	0.9740	0.9681	0.8947	0.5571	0.9937	0.4444
31.8	0.8637	0.0270	0.9683	0.9560	0.8754	0.2556	0.9914	0.4352
31.9	0.8856	0.0729	0.9701	0.9517	0.8229	0.1719	0.9916	0.6282
32.0	0.9026	0.1982	0.9736	0.9525	0.7521	0.1837	0.9899	0.7497
32.1	0.9212	0.5138	0.9766	0.9396	0.7640	0.5790	0.9914	0.8531
32.2	0.9358	0.6620	0.9748	0.8977	0.7221	0.8019	0.9907	0.8888
32.3	0.9192	0.7106	0.9717	0.8424	0.7523	0.8089	0.9860	0.8915
32.4	0.9093	0.7725	0.9738	0.7566	0.7363	0.8560	0.9878	0.9103
32.5	0.9188	0.9089	0.9792	0.6777	0.6305	0.9313	0.9902	0.9429
32.6	0.9189	0.9102	0.9786	0.6598	0.5316	0.9298	0.9883	0.9385
32.7	0.9470	0.9283	0.9860	0.7954	0.5829	0.9562	0.9930	0.9642
32.8	0.9366	0.9588	0.9845	0.8493	0.5836	0.9571	0.9924	0.9632
32.9	0.9245	0.9628	0.9857	0.8818	0.5769	0.9616	0.9940	0.9624
33.0	0.9300	0.9680	0.9862	0.9370	0.6194	0.9694	0.9945	0.9735
33.1	0.9322	0.9699	0.9872	0.9608	0.6988	0.9790	0.9951	0.9736
33.2	0.8797	0.9723	0.9853	0.9717	0.6559	0.9838	0.9943	0.9793
33.3	0.7293	0.9805	0.9819	0.9774	0.6759	0.9835	0.9969	0.9801
33.4	0.3092	0.9607	0.9640	0.9590	0.5864	0.9572	0.9935	0.9528
33.5	0.0592	0.9594	0.9533	0.9680	0.6882	0.9631	0.9946	0.9604
33.6	0.5043	0.9583	0.9453	0.9794	0.7697	0.9624	0.9936	0.9598
33.7	0.8210	0.9649	0.9534	0.9829	0.8048	0.9633	0.9940	0.9657

33.8	0.8721	0.9407	0.9416	0.9787	0.7665	0.9161	0.9945	0.9278
33.9	0.8867	0.8906	0.9190	0.9695	0.7791	0.8904	0.9965	0.8946
34.0	0.9322	0.8422	0.9378	0.9643	0.7776	0.8165	0.9977	0.8687
34.1	0.9528	0.7865	0.9711	0.9740	0.8030	0.7217	0.9973	0.8601
34.2	0.9673	0.7714	0.9820	0.9674	0.8132	0.4910	0.9967	0.7992
34.3	0.9756	0.8093	0.9815	0.9587	0.7226	0.4934	0.9964	0.6301
34.4	0.9672	0.7261	0.9729	0.9306	0.7445	0.2464	0.9952	0.1702
34.5	0.9814	0.8459	0.9825	0.9534	0.8143	0.4653	0.9965	0.2123
34.6	0.9853	0.9217	0.9864	0.9634	0.8560	0.7226	0.9974	0.2987
34.7	0.9848	0.9218	0.9866	0.9502	0.8851	0.8168	0.9973	0.4721
34.8	0.9805	0.9131	0.9841	0.9357	0.8870	0.8397	0.9972	0.4911
34.9	0.9815	0.9424	0.9862	0.9282	0.9184	0.8566	0.9970	0.6659
35.0	0.9840	0.9471	0.9862	0.9148	0.8995	0.8650	0.9964	0.7160
35.1	0.9839	0.9586	0.9848	0.8919	0.9058	0.8984	0.9970	0.7523
35.2	0.9867	0.9565	0.9818	0.8626	0.9053	0.8959	0.9967	0.7856
35.3	0.9867	0.9690	0.9846	0.8879	0.9217	0.9131	0.9973	0.8249
35.4	0.9884	0.9719	0.9853	0.8935	0.9336	0.9288	0.9961	0.8629
35.5	0.9928	0.9799	0.9866	0.9068	0.9520	0.9493	0.9972	0.8993
35.6	0.9913	0.9808	0.9877	0.9144	0.9613	0.9574	0.9972	0.9069
35.7	0.9895	0.9762	0.9834	0.9045	0.9625	0.9584	0.9963	0.9046
35.8	0.9917	0.9832	0.9867	0.8807	0.9681	0.9664	0.9967	0.9312
35.9	0.9909	0.9735	0.9785	0.8404	0.9631	0.9513	0.9960	0.8958
36.0	0.9923	0.9817	0.9815	0.8915	0.9679	0.9679	0.9970	0.9300
36.1	0.9939	0.9809	0.9819	0.8744	0.9709	0.9699	0.9971	0.9279
36.2	0.9917	0.9807	0.9788	0.8326	0.9708	0.9652	0.9967	0.9238
36.3	0.9922	0.9853	0.9815	0.8374	0.9766	0.9713	0.9978	0.9389
36.4	0.9877	0.9835	0.9807	0.7273	0.9650	0.9577	0.9968	0.9364
36.5	0.9916	0.9840	0.9821	0.8268	0.9766	0.9722	0.9975	0.9633
36.6	0.9940	0.9879	0.9845	0.9112	0.9829	0.9830	0.9978	0.9686
36.7	0.9932	0.9882	0.9860	0.9182	0.9789	0.9826	0.9975	0.9673
36.8	0.9934	0.9883	0.9832	0.9349	0.9808	0.9800	0.9974	0.9683
36.9	0.9935	0.9911	0.9816	0.9594	0.9866	0.9809	0.9976	0.9713
37.0	0.9939	0.9893	0.9714	0.9515	0.9837	0.9717	0.9972	0.9592
37.1	0.9921	0.9917	0.9711	0.9590	0.9825	0.9750	0.9972	0.9564
37.2	0.9927	0.9913	0.9666	0.9604	0.9836	0.9831	0.9968	0.9764
37.3	0.9940	0.9926	0.9611	0.9607	0.9861	0.9768	0.9969	0.9693
37.4	0.9885	0.9852	0.9641	0.9345	0.9833	0.9747	0.9962	0.9675
37.5	0.9851	0.9788	0.9652	0.9097	0.9853	0.9787	0.9967	0.9694
37.6	0.9909	0.9867	0.9631	0.9428	0.9886	0.9819	0.9972	0.9753
37.7	0.9913	0.9898	0.9705	0.9653	0.9874	0.9871	0.9972	0.9779
37.8	0.9848	0.9835	0.9501	0.9529	0.9872	0.9847	0.9966	0.9667
37.9	0.9888	0.9857	0.9270	0.9631	0.9891	0.9824	0.9973	0.9733
38.0	0.9839	0.9783	0.8234	0.9553	0.9864	0.9727	0.9969	0.9528
38.1	0.9855	0.9761	0.5388	0.9592	0.9889	0.9682	0.9970	0.9388
38.2	0.9823	0.9781	0.3428	0.9532	0.9856	0.9668	0.9959	0.9408
38.3	0.9748	0.9714	0.3209	0.9024	0.9770	0.9449	0.9940	0.8894
38.4	0.9737	0.9685	0.6351	0.8743	0.9802	0.9304	0.9946	0.7887
38.5	0.9820	0.9758	0.8590	0.9010	0.9856	0.9446	0.9951	0.7136
38.6	0.9838	0.9799	0.9221	0.8768	0.9878	0.9580	0.9963	0.7355
38.7	0.9774	0.9724	0.8616	0.7906	0.9870	0.9603	0.9947	0.8006
38.8	0.9792	0.9713	0.8716	0.7671	0.9883	0.9607	0.9963	0.8039
38.9	0.9823	0.9771	0.8594	0.7935	0.9874	0.9660	0.9966	0.8680
39.0	0.9764	0.9691	0.8225	0.7833	0.9804	0.9681	0.9950	0.8761
39.1	0.9758	0.9713	0.8548	0.8533	0.9843	0.9740	0.9950	0.9056
39.2	0.9762	0.9752	0.8966	0.8559	0.9897	0.9804	0.9954	0.9176
39.3	0.9765	0.9766	0.8889	0.8202	0.9893	0.9826	0.9962	0.8877
39.4	0.9560	0.9627	0.8816	0.8196	0.9880	0.9762	0.9951	0.8501
39.5	0.9456	0.9659	0.9183	0.8225	0.9887	0.9775	0.9947	0.8814
39.6	0.9289	0.9640	0.9201	0.8298	0.9881	0.9789	0.9942	0.8339
39.7	0.9158	0.9513	0.9270	0.7907	0.9859	0.9795	0.9953	0.8271
39.8	0.9223	0.9604	0.9062	0.8780	0.9816	0.9715	0.9956	0.8665
39.9	0.9102	0.9540	0.9273	0.9012	0.9822	0.9732	0.9951	0.8442
40.0	0.8787	0.9438	0.9428	0.8810	0.9825	0.9716	0.9952	0.8076
40.1	0.8356	0.8999	0.9320	0.8552	0.9709	0.9660	0.9929	0.7354
40.2	0.9151	0.8639	0.9371	0.9191	0.9694	0.9665	0.9942	0.7988
40.3	0.9141	0.8680	0.9502	0.9495	0.9775	0.9616	0.9966	0.7495
40.4	0.9079	0.8415	0.9427	0.9069	0.9615	0.9517	0.9959	0.6512
40.5	0.9497	0.8846	0.9651	0.9029	0.9743	0.9578	0.9959	0.7301
40.6	0.9543	0.8725	0.9754	0.9265	0.9732	0.9644	0.9959	0.7893
40.7	0.9649	0.8789	0.9707	0.9458	0.9763	0.9655	0.9969	0.7621
40.8	0.9603	0.8453	0.9504	0.9303	0.9638	0.9337	0.9939	0.7443
40.9	0.9703	0.7104	0.9498	0.9499	0.9683	0.9375	0.9955	0.8337
41.0	0.9702	0.4785	0.9571	0.9576	0.9601	0.9545	0.9946	0.8505
41.1	0.9810	0.3495	0.9645	0.9746	0.9591	0.9623	0.9958	0.8867
41.2	0.9845	0.4297	0.9610	0.9748	0.9504	0.9654	0.9961	0.8921
41.3	0.9765	0.0536	0.9442	0.9704	0.9367	0.9377	0.9907	0.7826
41.4	0.9666	0.1023	0.9324	0.9709	0.9356	0.9087	0.9927	0.7275
41.5	0.9764	0.4705	0.9256	0.9759	0.9280	0.9180	0.9935	0.8717
41.6	0.9862	0.7621	0.9200	0.9855	0.9210	0.9388	0.9921	0.9193
41.7	0.9862	0.7874	0.9078	0.9845	0.9325	0.9566	0.9928	0.9377
41.8	0.9821	0.8797	0.8396	0.9763	0.9313	0.9557	0.9900	0.9179
41.9	0.9880	0.8758	0.7853	0.9712	0.9292	0.9490	0.9889	0.8965
42.0	0.9879	0.9239	0.8430	0.9797	0.9243	0.9493	0.9936	0.9006
42.1	0.9879	0.9130	0.8155	0.9838	0.9204	0.9468	0.9935	0.8809
42.2	0.9848	0.8836	0.7592	0.9836	0.9193	0.9549	0.9938	0.9121
42.3	0.9899	0.9057	0.6682	0.9836	0.9075	0.9592	0.9928	0.9256

42.4	0.9918	0.9483	0.5233	0.9871	0.9031	0.9652	0.9928	0.9463
42.5	0.9932	0.9660	0.4436	0.9873	0.9007	0.9511	0.9953	0.9098
42.6	0.9888	0.9694	0.6475	0.9862	0.8739	0.9425	0.9946	0.8633
42.7	0.9890	0.9778	0.7257	0.9860	0.9006	0.9504	0.9913	0.8988
42.8	0.9921	0.9773	0.8170	0.9876	0.8903	0.9597	0.9891	0.9257
42.9	0.9837	0.9531	0.8198	0.9842	0.8389	0.9486	0.9839	0.8934
43.0	0.9801	0.9532	0.8663	0.9803	0.8713	0.9369	0.9889	0.9122
43.1	0.9665	0.9682	0.9076	0.9705	0.8722	0.8969	0.9884	0.7818
43.2	0.9702	0.9448	0.9121	0.9755	0.8916	0.8717	0.9865	0.6862
43.3	0.9709	0.9187	0.9221	0.9683	0.8345	0.8164	0.9787	0.5880
43.4	0.9699	0.8266	0.9265	0.9737	0.8349	0.8463	0.9823	0.2412
43.5	0.9753	0.8781	0.9482	0.9814	0.8645	0.8868	0.9809	0.3927
43.6	0.9682	0.9004	0.9286	0.9718	0.8654	0.8448	0.9770	0.4953
43.7	0.9869	0.9507	0.9566	0.9790	0.8898	0.8718	0.9848	0.5598
43.8	0.9901	0.9763	0.9668	0.9858	0.8763	0.8214	0.9874	0.5186
43.9	0.9523	0.9523	0.9475	0.9687	0.8142	0.6867	0.9788	0.1803
44.0	0.9363	0.8892	0.9061	0.9649	0.7719	0.6559	0.9724	0.1302
44.1	0.9237	0.9128	0.9389	0.9758	0.7694	0.6985	0.9708	0.4343
44.2	0.9382	0.9560	0.9658	0.9775	0.6814	0.6916	0.9708	0.5266
44.3	0.9560	0.9809	0.9700	0.9803	0.7089	0.7756	0.9734	0.8062
44.4	0.9278	0.9800	0.9685	0.9717	0.7337	0.5815	0.9576	0.8175
44.5	0.8773	0.9798	0.9678	0.9609	0.6852	0.2583	0.9532	0.7932
44.6	0.8839	0.9727	0.9633	0.9398	0.6218	0.0792	0.8897	0.8175
44.7	0.8760	0.9766	0.9673	0.9451	0.6301	0.2463	0.8561	0.8716
44.8	0.6558	0.9731	0.9617	0.8646	0.6664	0.4152	0.8458	0.8474
44.9	0.4730	0.9737	0.9695	0.7984	0.7532	0.5509	0.6955	0.8756
45.0	0.7768	0.9823	0.9654	0.8761	0.7873	0.4500	0.7678	0.7824
45.1	0.8820	0.9883	0.9798	0.9249	0.6892	0.3844	0.8183	0.8951
45.2	0.9091	0.9905	0.9830	0.9413	0.7770	0.4541	0.7563	0.9262
45.3	0.8830	0.9826	0.9727	0.9171	0.7154	0.2173	0.7531	0.8100
45.4	0.9292	0.9734	0.9751	0.8979	0.7473	0.4573	0.6612	0.8848
45.5	0.9418	0.9824	0.9797	0.9142	0.7494	0.5946	0.6407	0.9340
45.6	0.9365	0.9855	0.9865	0.9265	0.7806	0.6983	0.7757	0.9497
45.7	0.9542	0.9867	0.9887	0.9338	0.7916	0.7241	0.7041	0.9552
45.8	0.9211	0.9781	0.9791	0.9000	0.8010	0.6591	0.5198	0.9038
45.9	0.8916	0.9778	0.9778	0.8767	0.8059	0.8127	0.7634	0.9246
46.0	0.8928	0.9759	0.9825	0.8492	0.7844	0.8523	0.7856	0.9490
46.1	0.8748	0.9534	0.9757	0.8010	0.7794	0.8537	0.8045	0.9444
46.2	0.8186	0.9511	0.9736	0.7438	0.8268	0.9046	0.8583	0.9536
46.3	0.6904	0.9305	0.9704	0.5410	0.7690	0.8916	0.8196	0.9506
46.4	0.8293	0.9554	0.9791	0.7350	0.8369	0.9376	0.8802	0.9636
46.5	0.8334	0.9524	0.9782	0.7298	0.8085	0.9454	0.9119	0.9683
46.6	0.7835	0.9520	0.9845	0.7859	0.8178	0.9639	0.9405	0.9748
46.7	0.6162	0.9202	0.9773	0.6188	0.7957	0.9601	0.8999	0.9695
46.8	0.5799	0.9264	0.9876	0.3754	0.8747	0.9636	0.9444	0.9860
46.9	0.7400	0.9420	0.9849	0.4527	0.8865	0.9672	0.9643	0.9821
47.0	0.7658	0.9230	0.9664	0.5783	0.8594	0.9564	0.9637	0.9635
47.1	0.7827	0.9163	0.9644	0.7662	0.8277	0.9675	0.9467	0.9715
47.2	0.8287	0.9408	0.9880	0.8731	0.8754	0.9754	0.9480	0.9899
47.3	0.7811	0.9393	0.9857	0.8158	0.8580	0.9679	0.9419	0.9875
47.4	0.8366	0.9433	0.9886	0.8716	0.8554	0.9675	0.9592	0.9905
47.5	0.8765	0.9463	0.9877	0.8827	0.8426	0.9723	0.9489	0.9909
47.6	0.8066	0.9042	0.9718	0.8414	0.8242	0.9641	0.9486	0.9855
47.7	0.6699	0.7993	0.9429	0.8377	0.8078	0.9250	0.9462	0.9707
47.8	0.7563	0.8405	0.9631	0.9053	0.8163	0.9433	0.9489	0.9795
47.9	0.8946	0.9456	0.9696	0.8818	0.8615	0.9683	0.9659	0.9819
48.0	0.9178	0.9494	0.9698	0.8610	0.8831	0.9590	0.9563	0.9804
48.1	0.9419	0.9512	0.9726	0.9183	0.8458	0.9664	0.9445	0.9867
48.2	0.9497	0.9610	0.9794	0.9391	0.8672	0.9758	0.9654	0.9883
48.3	0.9384	0.9486	0.9765	0.9519	0.8535	0.9662	0.9682	0.9876
48.4	0.8836	0.9006	0.9749	0.9493	0.8482	0.9641	0.9630	0.9906
48.5	0.8172	0.8627	0.9601	0.9184	0.8315	0.9154	0.9675	0.9875
48.6	0.8278	0.8611	0.9459	0.9155	0.8199	0.8738	0.9667	0.9867
48.7	0.8747	0.9006	0.9468	0.9368	0.8275	0.9001	0.9689	0.9838
48.8	0.9016	0.9304	0.9599	0.9588	0.8237	0.9341	0.9685	0.9843
48.9	0.8871	0.9083	0.9520	0.9583	0.8310	0.9250	0.9608	0.9876
49.0	0.8130	0.8476	0.9101	0.9350	0.8046	0.8797	0.9590	0.9855
49.1	0.6613	0.7136	0.8397	0.8911	0.8113	0.7645	0.9662	0.9825
49.2	0.5413	0.6512	0.7934	0.8260	0.8207	0.6568	0.9645	0.9798
49.3	0.5634	0.7050	0.8098	0.8142	0.8466	0.6040	0.9532	0.9728
49.4	0.8062	0.8658	0.9079	0.9076	0.8105	0.7398	0.9647	0.9810
49.5	0.6960	0.7703	0.8425	0.8749	0.8290	0.7483	0.9627	0.9818
49.6	0.0940	0.1623	0.3836	0.5444	0.8131	0.5915	0.9525	0.9706
49.7	0.0531	0.1158	0.1996	0.2732	0.7652	0.4626	0.9382	0.9552
49.8	0.3334	0.4739	0.5777	0.5992	0.7986	0.6014	0.9497	0.9597
49.9	0.6480	0.7490	0.8082	0.8373	0.6917	0.1407	0.9515	0.8364
50.0	0.3284	0.5068	0.6413	0.6616	0.3137	0.0027	0.9247	0.4271
50.1	0.4520	0.5656	0.6187	0.6904	0.2285	0.0338	0.9114	0.3364
50.2	0.8467	0.8951	0.7934	0.8477	0.6468	0.3994	0.9199	0.8650
50.3	0.8172	0.8796	0.5975	0.7318	0.7381	0.5957	0.9278	0.8938
50.4	0.8395	0.8832	0.6733	0.8416	0.7854	0.7447	0.9362	0.9279
50.5	0.7901	0.8047	0.6597	0.8447	0.7479	0.8080	0.9275	0.9191
50.6	0.7069	0.7436	0.6244	0.7757	0.7334	0.8090	0.9187	0.9148
50.7	0.7716	0.8194	0.7494	0.8380	0.8389	0.8435	0.9124	0.9416
50.8	0.7840	0.8189	0.7828	0.8744	0.7988	0.7528	0.9263	0.9149
50.9	0.8659	0.8787	0.7929	0.8903	0.8082	0.7677	0.9345	0.9346

51.0	0.8957	0.9008	0.7536	0.8790	0.7763	0.7739	0.9038	0.9488
51.1	0.9239	0.9293	0.8156	0.9101	0.7794	0.8404	0.9178	0.9661
51.2	0.8450	0.8871	0.8204	0.9058	0.6891	0.6680	0.8800	0.8788
51.3	0.6277	0.6393	0.6982	0.8602	0.5340	0.3086	0.8693	0.6435
51.4	0.7038	0.7332	0.7580	0.9106	0.6863	0.3336	0.9069	0.7937
51.5	0.8987	0.9196	0.8653	0.9524	0.8057	0.7244	0.9257	0.9385
51.6	0.9179	0.9146	0.9008	0.9572	0.8085	0.8424	0.9012	0.9514
51.7	0.9469	0.9459	0.9094	0.9681	0.7821	0.9014	0.8979	0.9697
51.8	0.9643	0.9660	0.9404	0.9766	0.7952	0.9391	0.9153	0.9755
51.9	0.9733	0.9705	0.9496	0.9831	0.8289	0.9220	0.8957	0.9712
52.0	0.9860	0.9735	0.9334	0.9772	0.8407	0.9189	0.9013	0.9785
52.1	0.9799	0.9726	0.9349	0.9787	0.8587	0.9217	0.8787	0.9782
52.2	0.9779	0.9798	0.9197	0.9851	0.8535	0.9374	0.8784	0.9794
52.3	0.9823	0.9823	0.9273	0.9878	0.8161	0.9532	0.8897	0.9832
52.4	0.9733	0.9748	0.9046	0.9838	0.8381	0.9444	0.8899	0.9762
52.5	0.9788	0.9759	0.9153	0.9835	0.8334	0.9391	0.8767	0.9738
52.6	0.9712	0.9743	0.8912	0.9777	0.8674	0.9276	0.8025	0.9692
52.7	0.9573	0.9709	0.8771	0.9837	0.8409	0.9136	0.7852	0.9673
52.8	0.9716	0.9687	0.9082	0.9848	0.8310	0.9347	0.8063	0.9629
52.9	0.9778	0.9708	0.8883	0.9811	0.7977	0.9272	0.8426	0.9636
53.0	0.9718	0.9665	0.8718	0.9778	0.7792	0.8999	0.8279	0.9643
53.1	0.9587	0.9650	0.9025	0.9777	0.7899	0.9198	0.7772	0.9634
53.2	0.9660	0.9667	0.9060	0.9774	0.7958	0.9233	0.7878	0.9639
53.3	0.9565	0.9597	0.8843	0.9750	0.7404	0.9125	0.7128	0.9657
53.4	0.9704	0.9491	0.8680	0.9780	0.8082	0.9164	0.7146	0.9665
53.5	0.9674	0.9350	0.8485	0.9729	0.7821	0.9065	0.7558	0.9631
53.6	0.9772	0.9654	0.9076	0.9817	0.7799	0.9317	0.8008	0.9715
53.7	0.9706	0.9656	0.8916	0.9792	0.7760	0.9206	0.6293	0.9714
53.8	0.9579	0.9602	0.8680	0.9823	0.7466	0.8996	0.5256	0.9623
53.9	0.9730	0.9701	0.8853	0.9841	0.7608	0.8857	0.5561	0.9612
54.0	0.9794	0.9702	0.9120	0.9800	0.7868	0.9128	0.3974	0.9729
54.1	0.9608	0.9571	0.8668	0.9754	0.8214	0.9092	0.0571	0.9593
54.2	0.9627	0.9634	0.8526	0.9802	0.8156	0.9046	0.0374	0.9563
54.3	0.9650	0.9574	0.8374	0.9765	0.7732	0.8809	0.0814	0.9499
54.4	0.9684	0.9629	0.8650	0.9756	0.7496	0.8848	0.1786	0.9456
54.5	0.9601	0.9576	0.8416	0.9783	0.7816	0.8721	0.1462	0.9393
54.6	0.9643	0.9646	0.8183	0.9827	0.8697	0.8941	0.2057	0.9519
54.7	0.9388	0.9581	0.7742	0.9740	0.8879	0.8767	0.4514	0.9203
54.8	0.9457	0.9540	0.7802	0.9770	0.8963	0.8647	0.6769	0.9323
54.9	0.9614	0.9673	0.8030	0.9813	0.8919	0.8581	0.7280	0.9175
55.0	0.9463	0.9665	0.7928	0.9747	0.8257	0.8354	0.7232	0.8777
55.1	0.9354	0.9577	0.7062	0.9671	0.7865	0.8139	0.6765	0.8142
55.2	0.9530	0.9628	0.6180	0.9718	0.8250	0.8621	0.7327	0.8064
55.3	0.9592	0.9688	0.7237	0.9805	0.8612	0.8816	0.7876	0.8252
55.4	0.9508	0.9639	0.7627	0.9813	0.8698	0.8997	0.7591	0.8336
55.5	0.9574	0.9688	0.7777	0.9822	0.9098	0.8998	0.8431	0.8438
55.6	0.9465	0.9653	0.8146	0.9801	0.8995	0.8537	0.8317	0.8603
55.7	0.9489	0.9591	0.8432	0.9791	0.8418	0.8657	0.8102	0.8574
55.8	0.9354	0.9432	0.8148	0.9743	0.8648	0.8358	0.7454	0.7820
55.9	0.9523	0.9603	0.8492	0.9819	0.8573	0.8793	0.7811	0.8313
56.0	0.9579	0.9686	0.8555	0.9818	0.8841	0.9214	0.8321	0.8467
56.1	0.9409	0.9399	0.7255	0.9725	0.8444	0.8668	0.7611	0.7871
56.2	0.9456	0.9360	0.7521	0.9733	0.8371	0.8279	0.7574	0.7594
56.3	0.9503	0.9270	0.7976	0.9746	0.8148	0.8537	0.8085	0.7238
56.4	0.9492	0.9445	0.8481	0.9827	0.8405	0.8665	0.8215	0.7343
56.5	0.9384	0.9436	0.8238	0.9787	0.8647	0.8458	0.8545	0.6435
56.6	0.9162	0.9238	0.7939	0.9666	0.8401	0.7937	0.8296	0.5872
56.7	0.9234	0.9245	0.7991	0.9722	0.8532	0.8386	0.8185	0.4213
56.8	0.9426	0.9199	0.8089	0.9688	0.8238	0.8584	0.8406	0.4378
56.9	0.9205	0.9117	0.8199	0.9612	0.7760	0.8129	0.7709	0.3125
57.0	0.9014	0.8839	0.7353	0.9457	0.7514	0.7276	0.6899	0.1784
57.1	0.9266	0.9025	0.7903	0.9529	0.7504	0.7591	0.7872	0.1797
57.2	0.9139	0.9048	0.7606	0.9481	0.7036	0.7812	0.8397	0.2176
57.3	0.9345	0.8884	0.8182	0.9575	0.7829	0.7797	0.8932	0.2289
57.4	0.9409	0.9025	0.8172	0.9463	0.8158	0.6988	0.8302	0.0779
57.5	0.9412	0.9206	0.8391	0.9575	0.7989	0.7109	0.8265	0.0793
57.6	0.9344	0.9059	0.8183	0.9585	0.7668	0.6493	0.8177	0.0491
57.7	0.9233	0.8998	0.7936	0.9550	0.7250	0.6372	0.8137	0.0298
57.8	0.9062	0.8786	0.8169	0.9416	0.7099	0.7026	0.7980	0.0104
57.9	0.9287	0.8806	0.8622	0.9527	0.7670	0.7212	0.8048	0.1678
58.0	0.9134	0.8715	0.8390	0.9530	0.7688	0.5892	0.8348	0.2975
58.1	0.9414	0.8905	0.8595	0.9533	0.7934	0.6684	0.8656	0.3388
58.2	0.9394	0.8890	0.8254	0.9528	0.7390	0.7173	0.8749	0.3960
58.3	0.9351	0.9154	0.8329	0.9515	0.7295	0.7612	0.8854	0.4431
58.4	0.9348	0.9037	0.8615	0.9479	0.7631	0.6807	0.9007	0.4810
58.5	0.8972	0.8995	0.8671	0.9199	0.7223	0.6136	0.8655	0.5406
58.6	0.9004	0.8846	0.8445	0.9298	0.7356	0.6184	0.8538	0.6027
58.7	0.9220	0.8823	0.8753	0.9383	0.7562	0.6562	0.8258	0.6572
58.8	0.9357	0.9025	0.8933	0.9470	0.7938	0.6723	0.8856	0.7674
58.9	0.9199	0.8636	0.8677	0.9295	0.7192	0.6382	0.8611	0.7247
59.0	0.8736	0.7810	0.8760	0.9305	0.7236	0.7410	0.8759	0.7711
59.1	0.8738	0.7326	0.8726	0.9102	0.8020	0.7940	0.8696	0.7910
59.2	0.9072	0.7776	0.8495	0.8997	0.8052	0.7929	0.9004	0.8363
59.3	0.8913	0.7946	0.8300	0.8825	0.8198	0.7775	0.8573	0.8506
59.4	0.8688	0.7191	0.7793	0.9041	0.8063	0.7424	0.7905	0.8428
59.5	0.8944	0.6712	0.7555	0.9108	0.7908	0.7325	0.8305	0.8696

59.6	0.8805	0.7036	0.7921	0.9134	0.8183	0.8197	0.8110	0.8988
59.7	0.9136	0.7762	0.8375	0.9186	0.8574	0.8404	0.7935	0.9064
59.8	0.9265	0.6504	0.8065	0.8983	0.8236	0.7450	0.8138	0.8668
59.9	0.2022	0.0072	0.0386	0.1069	0.0238	0.0221	0.2084	0.0091
60.0	0.0560	0.0151	0.0298	0.0265	0.0215	0.0002	0.0956	0.0081
60.1	0.2707	0.0142	0.0493	0.1660	0.0268	0.0101	0.2614	0.0026
60.2	0.9410	0.5444	0.7831	0.9158	0.8713	0.6856	0.8313	0.8232
60.3	0.9586	0.5523	0.7108	0.9419	0.8832	0.8455	0.7915	0.9138
60.4	0.9575	0.5843	0.7685	0.9141	0.8886	0.8771	0.7838	0.8961
60.5	0.9428	0.6182	0.8125	0.9078	0.9029	0.8602	0.8581	0.8923
60.6	0.9247	0.6863	0.8320	0.9006	0.8796	0.8640	0.8589	0.8991
60.7	0.9121	0.5984	0.7862	0.8759	0.8443	0.8465	0.8092	0.8412
60.8	0.9060	0.5229	0.7301	0.8642	0.8170	0.8271	0.7554	0.8199
60.9	0.9234	0.6730	0.8053	0.8879	0.8795	0.8669	0.8802	0.8944
61.0	0.9274	0.6619	0.7961	0.9098	0.8810	0.8911	0.9074	0.9253
61.1	0.9029	0.5436	0.8007	0.8493	0.8485	0.8171	0.8782	0.8823
61.2	0.9058	0.5885	0.8606	0.8513	0.8479	0.7533	0.8859	0.8641
61.3	0.9108	0.4575	0.8097	0.8496	0.8216	0.7847	0.8796	0.8636
61.4	0.8937	0.5464	0.7676	0.8720	0.8688	0.8669	0.8881	0.8750
61.5	0.9245	0.5797	0.8328	0.9054	0.8769	0.8679	0.9275	0.8593
61.6	0.9228	0.3993	0.8697	0.9012	0.9001	0.8674	0.9367	0.8435
61.7	0.9052	0.2515	0.8148	0.8769	0.9067	0.8824	0.9359	0.8884
61.8	0.8969	0.3301	0.7607	0.8580	0.8927	0.8698	0.9479	0.8948
61.9	0.9154	0.1444	0.7242	0.8755	0.8774	0.8486	0.9409	0.8783
62.0	0.9214	0.0166	0.7810	0.8846	0.8587	0.8497	0.9351	0.8724
62.1	0.9052	0.0194	0.7555	0.8766	0.8672	0.8596	0.9222	0.8987
62.2	0.8776	0.0163	0.7202	0.8383	0.8715	0.8655	0.9129	0.9101
62.3	0.8996	0.1796	0.8205	0.8707	0.8991	0.8917	0.9289	0.9113
62.4	0.8713	0.1260	0.8281	0.8716	0.8761	0.8612	0.9401	0.8797
62.5	0.8766	0.1142	0.8315	0.8968	0.8740	0.8386	0.9227	0.8548
62.6	0.8864	0.3623	0.8202	0.8777	0.9019	0.8449	0.9144	0.8599
62.7	0.8637	0.3990	0.8089	0.8849	0.8973	0.8669	0.9160	0.8275
62.8	0.9047	0.4582	0.8213	0.8762	0.8761	0.8603	0.9422	0.8531
62.9	0.8418	0.6205	0.8125	0.8397	0.8442	0.8492	0.9328	0.8432
63.0	0.8498	0.6127	0.8340	0.8561	0.8360	0.8481	0.9227	0.8543
63.1	0.8790	0.6101	0.8582	0.8514	0.8669	0.8692	0.9320	0.8591
63.2	0.8298	0.5802	0.8336	0.8295	0.8333	0.8550	0.9253	0.7490
63.3	0.8647	0.5503	0.8292	0.8295	0.7851	0.8534	0.9219	0.7868
63.4	0.8578	0.7045	0.8393	0.8740	0.8502	0.8849	0.9325	0.8786
63.5	0.8607	0.8447	0.8682	0.8768	0.9155	0.8910	0.9605	0.9052
63.6	0.8550	0.8431	0.8479	0.8636	0.9226	0.8643	0.9541	0.8942
63.7	0.7512	0.8126	0.8418	0.8254	0.8670	0.8446	0.9157	0.8780
63.8	0.6491	0.8090	0.8507	0.8683	0.8091	0.8683	0.9365	0.8744
63.9	0.5582	0.8130	0.8416	0.8892	0.7987	0.8538	0.9383	0.8487
64.0	0.4900	0.8601	0.8502	0.8997	0.8308	0.8810	0.9466	0.8850
64.1	0.2978	0.8227	0.8576	0.8572	0.8153	0.8752	0.9496	0.9151
64.2	0.1791	0.8600	0.7783	0.8200	0.7702	0.8678	0.9174	0.9043
64.3	0.2302	0.8381	0.7833	0.8464	0.7983	0.8721	0.9329	0.8858
64.4	0.2761	0.8529	0.7946	0.8326	0.8143	0.8259	0.9474	0.8862
64.5	0.3297	0.8358	0.7903	0.8176	0.7875	0.8385	0.9354	0.9292
64.6	0.4815	0.8295	0.7774	0.8510	0.8052	0.8226	0.9175	0.9038
64.7	0.5954	0.8690	0.8032	0.8444	0.8478	0.8362	0.9262	0.9112
64.8	0.7294	0.8627	0.8088	0.8517	0.7907	0.8499	0.9317	0.9277
64.9	0.7271	0.8187	0.8122	0.8963	0.7707	0.8187	0.9306	0.9182
65.0	0.7563	0.8031	0.8180	0.9074	0.7864	0.8060	0.9411	0.9096
65.1	0.7985	0.7922	0.7697	0.9003	0.8034	0.8134	0.9231	0.8987
65.2	0.8591	0.8335	0.8152	0.8949	0.8127	0.8584	0.8987	0.8876
65.3	0.8712	0.8474	0.8544	0.9073	0.8402	0.8560	0.9256	0.8949
65.4	0.8887	0.8688	0.8466	0.9037	0.8238	0.8967	0.9486	0.9259
65.5	0.8555	0.8503	0.8334	0.9096	0.7952	0.8733	0.9298	0.9215
65.6	0.8251	0.8153	0.7399	0.8917	0.7421	0.7852	0.9143	0.8782
65.7	0.8627	0.8672	0.8036	0.8997	0.8281	0.8240	0.9260	0.9031
65.8	0.8906	0.8637	0.8834	0.8958	0.7957	0.8326	0.9475	0.9030
65.9	0.9046	0.9072	0.8595	0.9130	0.8308	0.8559	0.9475	0.8737
66.0	0.8855	0.9191	0.8510	0.9005	0.7865	0.8553	0.9293	0.8612
66.1	0.8921	0.8963	0.8808	0.8923	0.7244	0.8627	0.9445	0.9088
66.2	0.8994	0.8969	0.8850	0.8927	0.7449	0.9068	0.9239	0.9315
66.3	0.8905	0.9178	0.8826	0.9099	0.8011	0.9043	0.9091	0.9160
66.4	0.8668	0.8891	0.8939	0.8672	0.7885	0.8426	0.9085	0.8691
66.5	0.8937	0.9010	0.9164	0.8912	0.7355	0.8691	0.9083	0.8835
66.6	0.9274	0.9197	0.9314	0.9134	0.7767	0.9211	0.9414	0.9034
66.7	0.9001	0.9202	0.9117	0.8768	0.7656	0.9050	0.9338	0.9117
66.8	0.8369	0.9051	0.8744	0.8178	0.7355	0.8711	0.8721	0.9010
66.9	0.8683	0.9138	0.8959	0.8441	0.7501	0.8901	0.9157	0.9008
67.0	0.8896	0.8998	0.9152	0.8843	0.6624	0.9269	0.9040	0.9177
67.1	0.8928	0.9111	0.9131	0.8778	0.6931	0.9142	0.8721	0.9043
67.2	0.9101	0.9323	0.9166	0.8774	0.7338	0.8986	0.9220	0.9429
67.3	0.9041	0.9364	0.9147	0.8606	0.7504	0.9090	0.9402	0.9486
67.4	0.9254	0.9311	0.9229	0.8836	0.7063	0.9246	0.9420	0.9577
67.5	0.9246	0.9317	0.9354	0.9023	0.6838	0.9273	0.9373	0.9587
67.6	0.9326	0.9286	0.9459	0.8863	0.6707	0.9323	0.9411	0.9508
67.7	0.9297	0.8973	0.9161	0.8583	0.6418	0.9149	0.9348	0.9438
67.8	0.9375	0.8887	0.8841	0.8114	0.5013	0.8854	0.9076	0.9302
67.9	0.9548	0.9371	0.9111	0.8657	0.6328	0.8896	0.9262	0.9595
68.0	0.9617	0.9377	0.9099	0.8880	0.6658	0.9144	0.9381	0.9715
68.1	0.9404	0.9113	0.9053	0.8698	0.6191	0.9195	0.9236	0.9690

68.2	0.9325	0.8919	0.8967	0.8536	0.5460	0.8932	0.9271	0.9641
68.3	0.9321	0.8559	0.8733	0.8836	0.6368	0.8861	0.9418	0.9555
68.4	0.9323	0.8625	0.8820	0.8600	0.5462	0.8515	0.9243	0.9370
68.5	0.9528	0.8674	0.9052	0.8828	0.4876	0.8554	0.9028	0.9449
68.6	0.9607	0.8501	0.9073	0.8806	0.6080	0.8843	0.9186	0.9667
68.7	0.9569	0.8177	0.8571	0.8498	0.6102	0.8652	0.9103	0.9560
68.8	0.9520	0.8887	0.9024	0.8882	0.6469	0.8988	0.9221	0.9678
68.9	0.9623	0.8917	0.9224	0.9066	0.7309	0.8989	0.9430	0.9752
69.0	0.9625	0.8816	0.9114	0.9172	0.7628	0.9093	0.9297	0.9696
69.1	0.9532	0.7724	0.8763	0.9055	0.6652	0.8517	0.9053	0.9676
69.2	0.9658	0.7729	0.9098	0.9211	0.7487	0.8847	0.9314	0.9672
69.3	0.9726	0.8334	0.9328	0.9460	0.7812	0.9094	0.9453	0.9725
69.4	0.9570	0.8269	0.9208	0.9317	0.7507	0.8997	0.9224	0.9742
69.5	0.9646	0.8613	0.9306	0.9426	0.7489	0.9007	0.9254	0.9720
69.6	0.9604	0.8955	0.9483	0.9432	0.7978	0.8930	0.9256	0.9704
69.7	0.9527	0.8672	0.9440	0.9249	0.8060	0.8873	0.9213	0.9696
69.8	0.9683	0.9023	0.9391	0.9071	0.8050	0.8924	0.9196	0.9653
69.9	0.9712	0.9369	0.9528	0.9298	0.8126	0.8841	0.9364	0.9618
70.0	0.9691	0.9391	0.9648	0.9354	0.7999	0.8935	0.9457	0.9672
70.1	0.9669	0.9429	0.9517	0.9224	0.8112	0.8915	0.9392	0.9711
70.2	0.9715	0.9530	0.9601	0.9272	0.8254	0.9027	0.9324	0.9700
70.3	0.9596	0.9457	0.9611	0.9195	0.8185	0.8697	0.9154	0.9590
70.4	0.9605	0.9489	0.9695	0.9084	0.8504	0.8955	0.9242	0.9651
70.5	0.9710	0.9440	0.9693	0.9040	0.8482	0.8957	0.9251	0.9614
70.6	0.9814	0.9489	0.9688	0.9274	0.8660	0.9263	0.9484	0.9590
70.7	0.9614	0.9468	0.9567	0.8973	0.8135	0.8701	0.9274	0.9604
70.8	0.9600	0.9481	0.9569	0.8744	0.8244	0.8642	0.9191	0.9588
70.9	0.9775	0.9652	0.9770	0.9249	0.8985	0.9299	0.9460	0.9677
71.0	0.9815	0.9610	0.9791	0.9038	0.9260	0.9454	0.9563	0.9621
71.1	0.9749	0.9565	0.9799	0.8883	0.9283	0.9356	0.9455	0.9589
71.2	0.9749	0.9648	0.9762	0.8912	0.9203	0.9359	0.9342	0.9664
71.3	0.9753	0.9665	0.9722	0.8852	0.9160	0.9456	0.9429	0.9638
71.4	0.9732	0.9625	0.9700	0.8686	0.9225	0.9367	0.9521	0.9634
71.5	0.9739	0.9616	0.9710	0.8688	0.9260	0.9413	0.9517	0.9605
71.6	0.9765	0.9612	0.9744	0.8431	0.9381	0.9477	0.9529	0.9601
71.7	0.9698	0.9499	0.9709	0.7862	0.9182	0.9339	0.9415	0.9461
71.8	0.9724	0.9601	0.9685	0.8216	0.9212	0.9283	0.9481	0.9588
71.9	0.9689	0.9435	0.9538	0.7937	0.9149	0.9278	0.9387	0.9445
72.0	0.9676	0.9457	0.9552	0.7754	0.9296	0.9495	0.9415	0.9358
72.1	0.9618	0.9278	0.9627	0.8277	0.9153	0.9273	0.9140	0.9385
72.2	0.9665	0.9298	0.9621	0.7736	0.9093	0.9316	0.9228	0.9387
72.3	0.9634	0.9371	0.9495	0.7555	0.8902	0.9212	0.9169	0.9483
72.4	0.9657	0.9329	0.9594	0.8774	0.9157	0.9379	0.9377	0.9352
72.5	0.9599	0.9117	0.9609	0.9079	0.9406	0.9476	0.9389	0.9288
72.6	0.9661	0.9094	0.9653	0.8897	0.9377	0.9436	0.9355	0.9434
72.7	0.9716	0.8958	0.9700	0.9213	0.9362	0.9518	0.9338	0.9373
72.8	0.9729	0.9007	0.9698	0.9177	0.9460	0.9614	0.9458	0.9413
72.9	0.9787	0.9296	0.9678	0.9091	0.9488	0.9662	0.9591	0.9513
73.0	0.9753	0.9065	0.9674	0.9176	0.9414	0.9642	0.9501	0.9402
73.1	0.9697	0.8637	0.9628	0.9310	0.9439	0.9610	0.9375	0.9391
73.2	0.9728	0.8954	0.9656	0.9199	0.9471	0.9603	0.9496	0.9423
73.3	0.9759	0.8676	0.9619	0.9385	0.9576	0.9665	0.9549	0.9461
73.4	0.9702	0.8567	0.9601	0.9327	0.9545	0.9640	0.9487	0.9274
73.5	0.9629	0.8567	0.9655	0.9227	0.9426	0.9577	0.9473	0.9029
73.6	0.9709	0.8625	0.9716	0.9215	0.9357	0.9610	0.9496	0.9221
73.7	0.9754	0.8109	0.9586	0.8962	0.9383	0.9683	0.9386	0.9357
73.8	0.9737	0.8107	0.9721	0.9300	0.9457	0.9717	0.9391	0.9284
73.9	0.9741	0.8455	0.9698	0.9210	0.9527	0.9653	0.9475	0.9185
74.0	0.9651	0.8253	0.9660	0.8947	0.9437	0.9634	0.9468	0.8840
74.1	0.9722	0.8082	0.9628	0.9128	0.9588	0.9616	0.9393	0.8735
74.2	0.9718	0.8333	0.9618	0.9157	0.9517	0.9560	0.9379	0.8864
74.3	0.9735	0.8408	0.9708	0.9132	0.9493	0.9611	0.9454	0.8694
74.4	0.9616	0.8350	0.9616	0.8815	0.9336	0.9448	0.9336	0.8373
74.5	0.9734	0.8798	0.9718	0.9327	0.9588	0.9723	0.9442	0.8816
74.6	0.9793	0.8939	0.9751	0.9191	0.9613	0.9714	0.9544	0.8769
74.7	0.9705	0.8454	0.9680	0.8890	0.9376	0.9614	0.9334	0.8188
74.8	0.9771	0.9057	0.9723	0.9240	0.9592	0.9712	0.9592	0.8284
74.9	0.9766	0.8946	0.9711	0.9069	0.9659	0.9664	0.9593	0.8245
75.0	0.9696	0.8841	0.9687	0.8632	0.9588	0.9615	0.9507	0.8095
75.1	0.9656	0.8714	0.9667	0.8356	0.9504	0.9599	0.9350	0.7438
75.2	0.9754	0.9103	0.9748	0.8799	0.9548	0.9714	0.9485	0.8260
75.3	0.9686	0.9061	0.9693	0.8868	0.9550	0.9686	0.9437	0.7325
75.4	0.9660	0.9174	0.9741	0.8780	0.9546	0.9599	0.9560	0.7563
75.5	0.9669	0.8985	0.9681	0.8834	0.9527	0.9588	0.9318	0.8449
75.6	0.9515	0.8943	0.9645	0.8764	0.9392	0.9509	0.9169	0.7344
75.7	0.9575	0.9277	0.9695	0.8954	0.9546	0.9471	0.9405	0.7184
75.8	0.9605	0.9175	0.9736	0.8865	0.9605	0.9377	0.9407	0.7459
75.9	0.9606	0.9138	0.9681	0.8866	0.9550	0.9411	0.9381	0.7174
76.0	0.9498	0.9088	0.9624	0.8425	0.9423	0.9354	0.9138	0.7251
76.1	0.9424	0.9276	0.9648	0.7976	0.9351	0.9386	0.9250	0.7630
76.2	0.9575	0.9203	0.9683	0.8333	0.9453	0.9519	0.9223	0.8012
76.3	0.9562	0.9428	0.9730	0.8837	0.9520	0.9341	0.9324	0.8063
76.4	0.9446	0.9377	0.9715	0.8729	0.9555	0.9241	0.9398	0.8273
76.5	0.9450	0.9457	0.9744	0.8518	0.9670	0.9228	0.9490	0.8611
76.6	0.9594	0.9506	0.9787	0.8808	0.9543	0.9452	0.9349	0.8974
76.7	0.9582	0.9500	0.9775	0.8874	0.9417	0.9455	0.9343	0.8864

76.8	0.9454	0.9521	0.9719	0.8619	0.9405	0.9200	0.9377	0.8686
76.9	0.9481	0.9498	0.9689	0.8576	0.9334	0.9263	0.9147	0.8858
77.0	0.9415	0.9457	0.9703	0.8606	0.9170	0.9346	0.9116	0.8884
77.1	0.9448	0.9598	0.9726	0.8893	0.9408	0.9361	0.9382	0.9174
77.2	0.9498	0.9668	0.9739	0.8881	0.9448	0.9457	0.9498	0.9239
77.3	0.9423	0.9541	0.9717	0.8693	0.9417	0.9417	0.9258	0.9268
77.4	0.9311	0.9467	0.9625	0.8197	0.9318	0.9284	0.9088	0.8925
77.5	0.9306	0.9503	0.9594	0.8378	0.9208	0.9169	0.9101	0.8778
77.6	0.9369	0.9475	0.9631	0.8515	0.9159	0.9241	0.8936	0.8974
77.7	0.9530	0.9515	0.9623	0.8398	0.8994	0.9373	0.8773	0.9326
77.8	0.9511	0.9494	0.9629	0.8542	0.8927	0.9311	0.8779	0.9291
77.9	0.9427	0.9426	0.9653	0.8329	0.9027	0.9540	0.8727	0.9228
78.0	0.9373	0.9414	0.9615	0.8053	0.9217	0.9456	0.8786	0.8951
78.1	0.9488	0.9547	0.9694	0.8392	0.9270	0.9511	0.8894	0.9202
78.2	0.9372	0.9511	0.9674	0.8197	0.9296	0.9566	0.9004	0.9205
78.3	0.9304	0.9514	0.9611	0.8030	0.9053	0.9566	0.8768	0.9140
78.4	0.9309	0.9606	0.9668	0.8328	0.9096	0.9557	0.8864	0.9182
78.5	0.9440	0.9715	0.9721	0.8778	0.9311	0.9540	0.9159	0.9284
78.6	0.9504	0.9629	0.9718	0.8435	0.9265	0.9585	0.9082	0.9343
78.7	0.9434	0.9628	0.9709	0.8416	0.9306	0.9556	0.9131	0.9359
78.8	0.9413	0.9710	0.9727	0.8384	0.9234	0.9608	0.9123	0.9372
78.9	0.9349	0.9673	0.9721	0.8011	0.8793	0.9609	0.8963	0.9295
79.0	0.9350	0.9698	0.9704	0.8395	0.8852	0.9606	0.9003	0.9295
79.1	0.9373	0.9596	0.9670	0.8530	0.8725	0.9602	0.8848	0.9367
79.2	0.9403	0.9578	0.9677	0.8247	0.8508	0.9618	0.8648	0.9408
79.3	0.9606	0.9705	0.9716	0.8905	0.8921	0.9739	0.8914	0.9562
79.4	0.9347	0.9569	0.9581	0.8540	0.8729	0.9594	0.8728	0.9431
79.5	0.9334	0.9580	0.9602	0.8392	0.8626	0.9354	0.8679	0.9324
79.6	0.9301	0.9584	0.9593	0.8631	0.8605	0.9452	0.8551	0.9367
79.7	0.9398	0.9585	0.9639	0.8786	0.8782	0.9564	0.9009	0.9369
79.8	0.9519	0.9604	0.9635	0.8744	0.8422	0.9638	0.9025	0.9538
79.9	0.9459	0.9570	0.9594	0.8463	0.7943	0.9591	0.8251	0.9329
80.0	0.9442	0.9608	0.9665	0.8697	0.8638	0.9598	0.8842	0.9301

1.2.19 Run 5 – VTC-200 – NF and AF gauges

Vertical shaking on center with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.8475	0.9497	0.8898	0.7425	0.7170	0.9359	0.5093	0.4506
0.1	0.8535	0.9793	0.9040	0.6388	0.6008	0.9045	0.0578	0.0304
0.2	0.9883	0.9931	0.9917	0.9880	0.7501	0.9339	0.1816	0.2542
0.3	0.9054	0.9297	0.8490	0.7680	0.5465	0.7394	0.0847	0.1235
0.4	0.8529	0.9313	0.7234	0.8183	0.3787	0.7766	0.4024	0.3995
0.5	0.9560	0.9861	0.8632	0.9249	0.3432	0.9430	0.7353	0.6512
0.6	0.9895	0.9963	0.9707	0.9659	0.6269	0.9790	0.8677	0.7469
0.7	0.9963	0.9985	0.9914	0.9885	0.8691	0.9876	0.8903	0.7727
0.8	0.9939	0.9957	0.8172	0.7955	0.8407	0.9754	0.7730	0.6649
0.9	0.9844	0.9935	0.5709	0.8278	0.6908	0.9688	0.7484	0.6858
1.0	0.9753	0.9922	0.9328	0.9717	0.5456	0.9664	0.8054	0.7684
1.1	0.9866	0.9961	0.9971	0.9980	0.4120	0.9813	0.9038	0.8275
1.2	0.9961	0.9987	0.9985	0.9991	0.6030	0.9903	0.9476	0.8653
1.3	0.9967	0.9990	0.9987	0.9990	0.6079	0.9924	0.9424	0.8801
1.4	0.9959	0.9990	0.9989	0.9990	0.6677	0.9931	0.9560	0.8851
1.5	0.9965	0.9991	0.9991	0.9992	0.5564	0.9946	0.9602	0.9124
1.6	0.9971	0.9989	0.9991	0.9992	0.4116	0.9947	0.9595	0.9085
1.7	0.9903	0.9976	0.9985	0.9988	0.4008	0.9862	0.9455	0.8953
1.8	0.9723	0.9936	0.9986	0.9988	0.5990	0.9678	0.8871	0.8916
1.9	0.9501	0.9873	0.9986	0.9986	0.7607	0.9486	0.8196	0.8466
2.0	0.9851	0.9926	0.9980	0.9982	0.9269	0.9618	0.9039	0.8825
2.1	0.9871	0.9906	0.9957	0.9968	0.8872	0.8943	0.8047	0.7866
2.2	0.9819	0.9794	0.9962	0.9965	0.8738	0.7031	0.7718	0.7472
2.3	0.9814	0.9752	0.9987	0.9986	0.7291	0.2320	0.5580	0.4996
2.4	0.9819	0.9846	0.9988	0.9989	0.4021	0.2961	0.2892	0.2759
2.5	0.9976	0.9979	0.9989	0.9991	0.4152	0.8887	0.6298	0.6688
2.6	0.9974	0.9984	0.9989	0.9989	0.7906	0.9800	0.8497	0.7974
2.7	0.9977	0.9985	0.9990	0.9990	0.9068	0.9852	0.8848	0.8321
2.8	0.9962	0.9972	0.9982	0.9986	0.9031	0.9811	0.8531	0.7660
2.9	0.9917	0.9937	0.9979	0.9976	0.8781	0.9647	0.6398	0.6939
3.0	0.9950	0.9971	0.9987	0.9981	0.9320	0.9738	0.6128	0.6024
3.1	0.9944	0.9979	0.9975	0.9976	0.9021	0.9646	0.6741	0.4630
3.2	0.9907	0.9956	0.9964	0.9954	0.8121	0.9523	0.6622	0.5436
3.3	0.9864	0.9893	0.9967	0.9957	0.8083	0.9308	0.4740	0.5376
3.4	0.9907	0.9906	0.9955	0.9955	0.8795	0.8875	0.2668	0.3371
3.5	0.9884	0.9901	0.9882	0.9909	0.8563	0.8545	0.0338	0.1402
3.6	0.9609	0.9685	0.9725	0.9758	0.6311	0.7874	0.0554	0.0948
3.7	0.9885	0.9952	0.9949	0.9951	0.7980	0.9623	0.6842	0.4546
3.8	0.9986	0.9992	0.9993	0.9994	0.9676	0.9952	0.9370	0.8110
3.9	0.9991	0.9995	0.9998	0.9998	0.9778	0.9968	0.9648	0.9308
4.0	0.9994	0.9996	0.9998	0.9998	0.9818	0.9964	0.9637	0.9416
4.1	0.9996	0.9997	0.9998	0.9998	0.9834	0.9972	0.9589	0.9366
4.2	0.9992	0.9995	0.9997	0.9996	0.9637	0.9943	0.9199	0.8843
4.3	0.9984	0.9993	0.9995	0.9994	0.9497	0.9894	0.8544	0.8094
4.4	0.9980	0.9991	0.9993	0.9993	0.9518	0.9857	0.7473	0.6938
4.5	0.9981	0.9992	0.9991	0.9989	0.9650	0.9890	0.6375	0.7094
4.6	0.9980	0.9988	0.9986	0.9987	0.9605	0.9830	0.5129	0.5519
4.7	0.9968	0.9977	0.9976	0.9981	0.9338	0.9618	0.2208	0.2945
4.8	0.9960	0.9966	0.9964	0.9971	0.9134	0.9492	0.0492	0.1673
4.9	0.9892	0.9926	0.9932	0.9927	0.8614	0.8812	0.2148	0.2046
5.0	0.9962	0.9973	0.9983	0.9976	0.9028	0.9629	0.4647	0.6355
5.1	0.9985	0.9990	0.9993	0.9992	0.9505	0.9854	0.6137	0.7002
5.2	0.9966	0.9984	0.9987	0.9989	0.9127	0.9676	0.3432	0.4983
5.3	0.9960	0.9958	0.9976	0.9977	0.8947	0.9185	0.3277	0.2303
5.4	0.9905	0.9883	0.9952	0.9940	0.8537	0.6181	0.5068	0.0417
5.5	0.9781	0.9717	0.9877	0.9834	0.8127	0.2633	0.5545	0.2555
5.6	0.9774	0.9847	0.9895	0.9892	0.8240	0.6831	0.6269	0.3626
5.7	0.9896	0.9967	0.9965	0.9965	0.9089	0.8860	0.7330	0.4320
5.8	0.9966	0.9988	0.9991	0.9989	0.9639	0.9474	0.8678	0.7129
5.9	0.9985	0.9994	0.9994	0.9993	0.9724	0.9684	0.9161	0.8077
6.0	0.9984	0.9995	0.9994	0.9994	0.9763	0.9682	0.9136	0.7824
6.1	0.9992	0.9998	0.9996	0.9997	0.9902	0.9798	0.9668	0.9194
6.2	0.9991	0.9998	0.9996	0.9997	0.9918	0.9756	0.9765	0.9570
6.3	0.9986	0.9998	0.9995	0.9997	0.9908	0.9681	0.9752	0.9569
6.4	0.9983	0.9998	0.9996	0.9995	0.9901	0.9546	0.9746	0.9645
6.5	0.9975	0.9996	0.9993	0.9995	0.9849	0.9277	0.9689	0.9528
6.6	0.9952	0.9991	0.9987	0.9993	0.9765	0.8903	0.9552	0.9453
6.7	0.9931	0.9986	0.9978	0.9982	0.9724	0.8988	0.9545	0.9470
6.8	0.9875	0.9973	0.9959	0.9967	0.9652	0.9125	0.9519	0.9461
6.9	0.9791	0.9933	0.9920	0.9938	0.9539	0.9166	0.9418	0.9410
7.0	0.9659	0.9858	0.9852	0.9883	0.9406	0.9194	0.9328	0.9322
7.1	0.9023	0.9609	0.9459	0.9542	0.8742	0.8624	0.8688	0.8696
7.2	0.9103	0.9824	0.9302	0.9433	0.9140	0.9233	0.9173	0.9205
7.3	0.9333	0.9895	0.9299	0.9533	0.9465	0.9556	0.9502	0.9503
7.4	0.9154	0.9905	0.8774	0.9148	0.9431	0.9572	0.9496	0.9499
7.5	0.9158	0.9947	0.8440	0.8970	0.9554	0.9690	0.9610	0.9618
7.6	0.9214	0.9980	0.9381	0.9612	0.9726	0.9838	0.9774	0.9786
7.7	0.9715	0.9993	0.9844	0.9922	0.9911	0.9948	0.9923	0.9927
7.8	0.9900	0.9994	0.9965	0.9975	0.9948	0.9970	0.9955	0.9952
7.9	0.9831	0.9990	0.9976	0.9981	0.9932	0.9959	0.9945	0.9944

8.0	0.9656	0.9989	0.9961	0.9972	0.9914	0.9949	0.9927	0.9930
8.1	0.9881	0.9993	0.9984	0.9988	0.9958	0.9975	0.9964	0.9960
8.2	0.9899	0.9995	0.9987	0.9992	0.9966	0.9981	0.9973	0.9966
8.3	0.9819	0.9991	0.9985	0.9987	0.9942	0.9969	0.9956	0.9953
8.4	0.9900	0.9992	0.9990	0.9990	0.9947	0.9972	0.9957	0.9959
8.5	0.9838	0.9986	0.9987	0.9987	0.9930	0.9959	0.9941	0.9943
8.6	0.9884	0.9987	0.9984	0.9990	0.9949	0.9968	0.9958	0.9957
8.7	0.9786	0.9973	0.9976	0.9985	0.9910	0.9942	0.9924	0.9928
8.8	0.9779	0.9972	0.9978	0.9986	0.9900	0.9934	0.9915	0.9922
8.9	0.9793	0.9958	0.9974	0.9989	0.9895	0.9930	0.9909	0.9908
9.0	0.9598	0.9898	0.9964	0.9982	0.9777	0.9834	0.9800	0.9800
9.1	0.9679	0.9906	0.9964	0.9974	0.9802	0.9853	0.9821	0.9821
9.2	0.9162	0.9637	0.9883	0.9913	0.9387	0.9494	0.9427	0.9438
9.3	0.9217	0.9484	0.9830	0.9873	0.9301	0.9375	0.9332	0.9338
9.4	0.9519	0.9495	0.9802	0.9873	0.9478	0.9465	0.9475	0.9480
9.5	0.9711	0.9479	0.9805	0.9895	0.9602	0.9546	0.9579	0.9573
9.6	0.9822	0.9547	0.9873	0.9940	0.9722	0.9650	0.9692	0.9684
9.7	0.9829	0.9298	0.9928	0.9942	0.9647	0.9484	0.9611	0.9589
9.8	0.9938	0.9595	0.9966	0.9973	0.9849	0.9707	0.9805	0.9795
9.9	0.9967	0.9758	0.9970	0.9986	0.9897	0.9774	0.9871	0.9848
10.0	0.9975	0.9840	0.9971	0.9985	0.9919	0.9771	0.9890	0.9848
10.1	0.9969	0.9879	0.9972	0.9980	0.9872	0.9624	0.9818	0.9795
10.2	0.9979	0.9945	0.9972	0.9988	0.9911	0.9678	0.9871	0.9757
10.3	0.9982	0.9971	0.9966	0.9987	0.9947	0.9796	0.9897	0.9790
10.4	0.9985	0.9980	0.9952	0.9983	0.9939	0.9838	0.9904	0.9791
10.5	0.9983	0.9986	0.9956	0.9985	0.9946	0.9850	0.9922	0.9752
10.6	0.9987	0.9982	0.9961	0.9988	0.9946	0.9816	0.9931	0.9735
10.7	0.9968	0.9962	0.9951	0.9986	0.9891	0.9537	0.9779	0.9547
10.8	0.9982	0.9981	0.9965	0.9989	0.9917	0.9718	0.9797	0.9473
10.9	0.9985	0.9983	0.9972	0.9988	0.9893	0.9739	0.9787	0.9146
11.0	0.9979	0.9986	0.9961	0.9986	0.9854	0.9769	0.9712	0.8402
11.1	0.9958	0.9978	0.9931	0.9976	0.9723	0.9702	0.9411	0.7633
11.2	0.9971	0.9987	0.9941	0.9981	0.9713	0.9863	0.9576	0.7909
11.3	0.9968	0.9990	0.9942	0.9984	0.9653	0.9879	0.9499	0.8650
11.4	0.9958	0.9991	0.9948	0.9987	0.9484	0.9903	0.9426	0.8657
11.5	0.9966	0.9991	0.9951	0.9982	0.9401	0.9916	0.9578	0.8885
11.6	0.9939	0.9986	0.9927	0.9973	0.8830	0.9888	0.9581	0.9173
11.7	0.9937	0.9991	0.9924	0.9981	0.8813	0.9940	0.9699	0.9519
11.8	0.9941	0.9989	0.9918	0.9977	0.8689	0.9930	0.9710	0.9426
11.9	0.9922	0.9989	0.9898	0.9977	0.9226	0.9945	0.9781	0.9653
12.0	0.9894	0.9990	0.9876	0.9977	0.9330	0.9933	0.9791	0.9723
12.1	0.9840	0.9987	0.9796	0.9971	0.9407	0.9938	0.9809	0.9612
12.2	0.9881	0.9993	0.9866	0.9978	0.9763	0.9969	0.9880	0.9792
12.3	0.9876	0.9990	0.9805	0.9979	0.9816	0.9965	0.9908	0.9843
12.4	0.9776	0.9989	0.9653	0.9969	0.9842	0.9961	0.9907	0.9860
12.5	0.9770	0.9993	0.9325	0.9957	0.9866	0.9964	0.9918	0.9850
12.6	0.9765	0.9992	0.9121	0.9968	0.9898	0.9976	0.9932	0.9866
12.7	0.9718	0.9992	0.8377	0.9965	0.9920	0.9983	0.9945	0.9896
12.8	0.9641	0.9992	0.7993	0.9959	0.9913	0.9976	0.9950	0.9899
12.9	0.9461	0.9989	0.8457	0.9951	0.9900	0.9970	0.9937	0.9883
13.0	0.9402	0.9985	0.9025	0.9935	0.9873	0.9968	0.9946	0.9860
13.1	0.9367	0.9986	0.9264	0.9920	0.9868	0.9957	0.9941	0.9835
13.2	0.9410	0.9976	0.9526	0.9925	0.9862	0.9936	0.9927	0.9850
13.3	0.9469	0.9970	0.9615	0.9906	0.9846	0.9923	0.9906	0.9844
13.4	0.9511	0.9959	0.9522	0.9852	0.9836	0.9924	0.9912	0.9850
13.5	0.9608	0.9949	0.9337	0.9663	0.9820	0.9900	0.9891	0.9818
13.6	0.9730	0.9944	0.9433	0.9565	0.9853	0.9909	0.9899	0.9844
13.7	0.9850	0.9962	0.9539	0.9465	0.9910	0.9934	0.9931	0.9903
13.8	0.9919	0.9976	0.9655	0.9399	0.9947	0.9961	0.9947	0.9948
13.9	0.9854	0.9953	0.9770	0.9408	0.9898	0.9927	0.9890	0.9927
14.0	0.9850	0.9946	0.9857	0.9412	0.9894	0.9917	0.9891	0.9921
14.1	0.9750	0.9891	0.9855	0.9155	0.9817	0.9856	0.9819	0.9858
14.2	0.9547	0.9737	0.9861	0.8825	0.9630	0.9690	0.9636	0.9692
14.3	0.9343	0.9491	0.9771	0.8092	0.9396	0.9446	0.9403	0.9457
14.4	0.9342	0.9354	0.9753	0.8353	0.9357	0.9351	0.9346	0.9377
14.5	0.9298	0.9146	0.9661	0.8540	0.9258	0.9205	0.9229	0.9246
14.6	0.9508	0.9208	0.9774	0.9274	0.9434	0.9336	0.9405	0.9395
14.7	0.9765	0.9487	0.9904	0.9731	0.9710	0.9630	0.9677	0.9674
14.8	0.9854	0.9596	0.9918	0.9789	0.9814	0.9742	0.9790	0.9777
14.9	0.9896	0.9613	0.9897	0.9800	0.9865	0.9791	0.9838	0.9843
15.0	0.9947	0.9719	0.9924	0.9895	0.9925	0.9874	0.9900	0.9906
15.1	0.9950	0.9667	0.9865	0.9862	0.9932	0.9883	0.9917	0.9899
15.2	0.9967	0.9657	0.9883	0.9906	0.9950	0.9907	0.9938	0.9916
15.3	0.9970	0.9482	0.9872	0.9896	0.9944	0.9899	0.9935	0.9910
15.4	0.9981	0.9430	0.9931	0.9925	0.9962	0.9907	0.9952	0.9918
15.5	0.9978	0.9103	0.9943	0.9931	0.9959	0.9889	0.9939	0.9895
15.6	0.9984	0.8849	0.9950	0.9942	0.9967	0.9894	0.9956	0.9910
15.7	0.9989	0.8277	0.9960	0.9949	0.9977	0.9931	0.9964	0.9925
15.8	0.9992	0.7305	0.9965	0.9956	0.9969	0.9929	0.9959	0.9900
15.9	0.9994	0.6917	0.9971	0.9968	0.9978	0.9927	0.9972	0.9931
16.0	0.9992	0.6679	0.9979	0.9962	0.9980	0.9914	0.9971	0.9896
16.1	0.9992	0.8097	0.9981	0.9971	0.9971	0.9900	0.9960	0.9876
16.2	0.9992	0.8922	0.9979	0.9974	0.9967	0.9887	0.9938	0.9886
16.3	0.9991	0.9333	0.9976	0.9972	0.9963	0.9844	0.9921	0.9859
16.4	0.9991	0.9560	0.9979	0.9977	0.9953	0.9762	0.9902	0.9827
16.5	0.9992	0.9654	0.9983	0.9966	0.9960	0.9693	0.9909	0.9812

16.6	0.9992	0.9746	0.9981	0.9976	0.9969	0.9797	0.9935	0.9845
16.7	0.9991	0.9736	0.9981	0.9970	0.9969	0.9752	0.9926	0.9844
16.8	0.9993	0.9784	0.9979	0.9962	0.9964	0.9682	0.9916	0.9823
16.9	0.9990	0.9800	0.9983	0.9966	0.9951	0.9642	0.9916	0.9725
17.0	0.9991	0.9906	0.9987	0.9975	0.9970	0.9706	0.9937	0.9815
17.1	0.9986	0.9852	0.9978	0.9970	0.9960	0.9616	0.9916	0.9742
17.2	0.9988	0.9857	0.9979	0.9962	0.9944	0.9444	0.9895	0.9593
17.3	0.9989	0.9917	0.9985	0.9967	0.9944	0.9490	0.9903	0.9600
17.4	0.9989	0.9917	0.9983	0.9972	0.9954	0.9583	0.9912	0.9642
17.5	0.9993	0.9912	0.9985	0.9976	0.9957	0.9483	0.9917	0.9736
17.6	0.9992	0.9934	0.9984	0.9975	0.9952	0.9337	0.9913	0.9733
17.7	0.9990	0.9942	0.9985	0.9978	0.9940	0.9196	0.9881	0.9565
17.8	0.9988	0.9914	0.9983	0.9969	0.9934	0.8948	0.9846	0.9501
17.9	0.9989	0.9923	0.9977	0.9967	0.9929	0.9094	0.9826	0.9510
18.0	0.9990	0.9940	0.9983	0.9970	0.9935	0.9028	0.9849	0.9381
18.1	0.9988	0.9944	0.9978	0.9968	0.9919	0.9158	0.9844	0.9436
18.2	0.9990	0.9951	0.9982	0.9974	0.9932	0.9188	0.9864	0.9577
18.3	0.9993	0.9960	0.9985	0.9978	0.9950	0.9392	0.9918	0.9675
18.4	0.9993	0.9963	0.9986	0.9980	0.9945	0.9477	0.9868	0.9598
18.5	0.9982	0.9933	0.9973	0.9963	0.9912	0.8228	0.9680	0.9354
18.6	0.9981	0.9940	0.9966	0.9978	0.9854	0.7925	0.9495	0.9072
18.7	0.9982	0.9961	0.9976	0.9978	0.9878	0.9069	0.9727	0.9190
18.8	0.9983	0.9957	0.9978	0.9978	0.9918	0.9441	0.9850	0.9505
18.9	0.9985	0.9965	0.9984	0.9980	0.9931	0.9513	0.9906	0.9577
19.0	0.9988	0.9969	0.9985	0.9979	0.9932	0.9614	0.9897	0.9714
19.1	0.9989	0.9959	0.9983	0.9979	0.9938	0.9614	0.9908	0.9750
19.2	0.9987	0.9956	0.9980	0.9979	0.9934	0.9517	0.9915	0.9701
19.3	0.9990	0.9969	0.9985	0.9976	0.9950	0.9694	0.9883	0.9713
19.4	0.9991	0.9965	0.9985	0.9978	0.9932	0.9570	0.9889	0.9603
19.5	0.9991	0.9961	0.9987	0.9981	0.9933	0.9644	0.9907	0.9748
19.6	0.9992	0.9971	0.9989	0.9987	0.9961	0.9773	0.9917	0.9840
19.7	0.9987	0.9967	0.9984	0.9984	0.9954	0.9733	0.9915	0.9817
19.8	0.9986	0.9970	0.9986	0.9978	0.9963	0.9712	0.9930	0.9858
19.9	0.9985	0.9969	0.9985	0.9977	0.9945	0.9662	0.9911	0.9794
20.0	0.9985	0.9966	0.9984	0.9973	0.9945	0.9603	0.9915	0.9795
20.1	0.9988	0.9971	0.9987	0.9983	0.9959	0.9788	0.9945	0.9836
20.2	0.9988	0.9974	0.9985	0.9982	0.9961	0.9757	0.9939	0.9818
20.3	0.9988	0.9965	0.9984	0.9978	0.9963	0.9750	0.9930	0.9876
20.4	0.9988	0.9952	0.9982	0.9975	0.9957	0.9690	0.9928	0.9887
20.5	0.9984	0.9943	0.9966	0.9970	0.9948	0.9691	0.9902	0.9849
20.6	0.9984	0.9946	0.9975	0.9970	0.9936	0.9686	0.9897	0.9847
20.7	0.9985	0.9957	0.9981	0.9973	0.9945	0.9716	0.9901	0.9835
20.8	0.9984	0.9967	0.9980	0.9975	0.9956	0.9745	0.9896	0.9849
20.9	0.9982	0.9956	0.9983	0.9968	0.9935	0.9753	0.9853	0.9828
21.0	0.9979	0.9947	0.9981	0.9970	0.9938	0.9650	0.9862	0.9761
21.1	0.9987	0.9957	0.9981	0.9974	0.9944	0.9697	0.9873	0.9835
21.2	0.9987	0.9966	0.9980	0.9972	0.9952	0.9737	0.9895	0.9857
21.3	0.9987	0.9966	0.9978	0.9975	0.9952	0.9791	0.9874	0.9798
21.4	0.9987	0.9957	0.9976	0.9967	0.9948	0.9811	0.9874	0.9783
21.5	0.9984	0.9951	0.9976	0.9963	0.9952	0.9853	0.9920	0.9827
21.6	0.9982	0.9957	0.9978	0.9970	0.9960	0.9832	0.9935	0.9835
21.7	0.9982	0.9947	0.9979	0.9969	0.9958	0.9841	0.9916	0.9804
21.8	0.9984	0.9944	0.9975	0.9962	0.9949	0.9800	0.9916	0.9759
21.9	0.9984	0.9949	0.9960	0.9961	0.9947	0.9793	0.9915	0.9754
22.0	0.9986	0.9960	0.9965	0.9974	0.9959	0.9840	0.9940	0.9808
22.1	0.9985	0.9945	0.9975	0.9978	0.9963	0.9872	0.9943	0.9828
22.2	0.9983	0.9945	0.9977	0.9965	0.9971	0.9876	0.9958	0.9868
22.3	0.9987	0.9947	0.9974	0.9961	0.9973	0.9891	0.9959	0.9866
22.4	0.9986	0.9930	0.9972	0.9968	0.9969	0.9850	0.9953	0.9844
22.5	0.9982	0.9908	0.9968	0.9959	0.9965	0.9795	0.9931	0.9822
22.6	0.9982	0.9895	0.9973	0.9955	0.9963	0.9828	0.9944	0.9819
22.7	0.9979	0.9890	0.9973	0.9953	0.9963	0.9799	0.9940	0.9833
22.8	0.9980	0.9875	0.9969	0.9957	0.9968	0.9813	0.9949	0.9843
22.9	0.9982	0.9900	0.9969	0.9967	0.9955	0.9745	0.9944	0.9802
23.0	0.9983	0.9932	0.9974	0.9960	0.9952	0.9712	0.9946	0.9806
23.1	0.9986	0.9930	0.9971	0.9955	0.9954	0.9774	0.9942	0.9818
23.2	0.9987	0.9931	0.9976	0.9964	0.9969	0.9732	0.9934	0.9829
23.3	0.9986	0.9937	0.9984	0.9969	0.9965	0.9725	0.9949	0.9841
23.4	0.9981	0.9943	0.9982	0.9963	0.9957	0.9764	0.9948	0.9808
23.5	0.9986	0.9936	0.9977	0.9961	0.9959	0.9767	0.9935	0.9821
23.6	0.9987	0.9929	0.9978	0.9964	0.9959	0.9704	0.9936	0.9827
23.7	0.9978	0.9908	0.9970	0.9955	0.9937	0.9626	0.9925	0.9761
23.8	0.9980	0.9899	0.9970	0.9957	0.9932	0.9610	0.9940	0.9709
23.9	0.9981	0.9935	0.9975	0.9959	0.9945	0.9663	0.9931	0.9756
24.0	0.9978	0.9945	0.9975	0.9963	0.9922	0.9529	0.9926	0.9618
24.1	0.9975	0.9934	0.9978	0.9956	0.9919	0.9613	0.9917	0.9716
24.2	0.9978	0.9947	0.9980	0.9962	0.9931	0.9416	0.9924	0.9755
24.3	0.9978	0.9944	0.9969	0.9959	0.9926	0.9479	0.9886	0.9766
24.4	0.9980	0.9946	0.9970	0.9959	0.9936	0.9499	0.9901	0.9764
24.5	0.9979	0.9940	0.9981	0.9965	0.9924	0.9544	0.9916	0.9743
24.6	0.9980	0.9939	0.9976	0.9963	0.9933	0.9705	0.9926	0.9765
24.7	0.9985	0.9948	0.9977	0.9968	0.9949	0.9713	0.9937	0.9843
24.8	0.9987	0.9964	0.9980	0.9971	0.9953	0.9628	0.9955	0.9890
24.9	0.9985	0.9957	0.9980	0.9972	0.9943	0.9621	0.9942	0.9830
25.0	0.9982	0.9941	0.9973	0.9973	0.9944	0.9645	0.9917	0.9815
25.1	0.9982	0.9956	0.9975	0.9973	0.9941	0.9674	0.9936	0.9814

25.2	0.9985	0.9950	0.9983	0.9976	0.9943	0.9739	0.9931	0.9810
25.3	0.9980	0.9945	0.9983	0.9969	0.9939	0.9610	0.9903	0.9809
25.4	0.9983	0.9938	0.9982	0.9971	0.9935	0.9728	0.9903	0.9798
25.5	0.9988	0.9944	0.9985	0.9976	0.9936	0.9800	0.9911	0.9843
25.6	0.9990	0.9955	0.9984	0.9980	0.9949	0.9775	0.9915	0.9868
25.7	0.9989	0.9953	0.9984	0.9981	0.9959	0.9815	0.9929	0.9881
25.8	0.9989	0.9934	0.9977	0.9970	0.9947	0.9862	0.9948	0.9898
25.9	0.9987	0.9931	0.9973	0.9967	0.9963	0.9853	0.9948	0.9917
26.0	0.9985	0.9922	0.9970	0.9962	0.9958	0.9864	0.9937	0.9902
26.1	0.9986	0.9925	0.9977	0.9965	0.9971	0.9899	0.9956	0.9913
26.2	0.9986	0.9918	0.9980	0.9972	0.9975	0.9905	0.9963	0.9918
26.3	0.9985	0.9904	0.9980	0.9966	0.9975	0.9907	0.9960	0.9896
26.4	0.9989	0.9893	0.9973	0.9958	0.9975	0.9924	0.9964	0.9899
26.5	0.9987	0.9836	0.9971	0.9957	0.9963	0.9902	0.9965	0.9891
26.6	0.9987	0.9829	0.9972	0.9953	0.9958	0.9845	0.9958	0.9865
26.7	0.9985	0.9845	0.9979	0.9955	0.9969	0.9846	0.9963	0.9899
26.8	0.9982	0.9785	0.9972	0.9937	0.9968	0.9856	0.9965	0.9901
26.9	0.9988	0.9770	0.9967	0.9933	0.9971	0.9867	0.9964	0.9903
27.0	0.9989	0.9748	0.9971	0.9965	0.9972	0.9880	0.9969	0.9916
27.1	0.9991	0.9657	0.9980	0.9971	0.9971	0.9889	0.9979	0.9932
27.2	0.9986	0.9535	0.9978	0.9958	0.9975	0.9894	0.9969	0.9927
27.3	0.9985	0.9505	0.9978	0.9963	0.9979	0.9919	0.9967	0.9912
27.4	0.9987	0.9644	0.9973	0.9967	0.9978	0.9921	0.9971	0.9929
27.5	0.9991	0.9699	0.9979	0.9977	0.9984	0.9941	0.9976	0.9953
27.6	0.9990	0.9486	0.9972	0.9967	0.9980	0.9926	0.9971	0.9947
27.7	0.9990	0.9286	0.9970	0.9968	0.9971	0.9903	0.9969	0.9924
27.8	0.9990	0.9415	0.9976	0.9965	0.9978	0.9938	0.9975	0.9941
27.9	0.9989	0.9519	0.9973	0.9972	0.9988	0.9941	0.9978	0.9950
28.0	0.9988	0.9418	0.9971	0.9967	0.9982	0.9917	0.9971	0.9935
28.1	0.9983	0.8949	0.9964	0.9971	0.9977	0.9881	0.9969	0.9926
28.2	0.9980	0.8192	0.9964	0.9974	0.9966	0.9865	0.9947	0.9899
28.3	0.9988	0.9206	0.9974	0.9984	0.9971	0.9899	0.9961	0.9922
28.4	0.9990	0.9744	0.9972	0.9979	0.9981	0.9947	0.9976	0.9963
28.5	0.9990	0.9803	0.9969	0.9981	0.9984	0.9952	0.9977	0.9959
28.6	0.9990	0.9840	0.9970	0.9983	0.9984	0.9938	0.9977	0.9960
28.7	0.9990	0.9818	0.9968	0.9980	0.9980	0.9932	0.9980	0.9947
28.8	0.9989	0.9837	0.9970	0.9979	0.9976	0.9940	0.9979	0.9941
28.9	0.9986	0.9843	0.9964	0.9974	0.9976	0.9941	0.9978	0.9950
29.0	0.9987	0.9805	0.9971	0.9977	0.9970	0.9947	0.9968	0.9937
29.1	0.9986	0.9831	0.9977	0.9975	0.9969	0.9946	0.9971	0.9941
29.2	0.9989	0.9881	0.9981	0.9979	0.9974	0.9947	0.9968	0.9940
29.3	0.9988	0.9871	0.9977	0.9981	0.9980	0.9951	0.9973	0.9935
29.4	0.9979	0.9801	0.9968	0.9972	0.9960	0.9927	0.9954	0.9932
29.5	0.9980	0.9814	0.9970	0.9968	0.9964	0.9930	0.9959	0.9937
29.6	0.9978	0.9855	0.9971	0.9978	0.9969	0.9945	0.9966	0.9927
29.7	0.9981	0.9892	0.9971	0.9971	0.9971	0.9959	0.9964	0.9951
29.8	0.9979	0.9894	0.9968	0.9966	0.9968	0.9947	0.9960	0.9938
29.9	0.9945	0.9821	0.9943	0.9958	0.9912	0.9883	0.9922	0.9874
30.0	0.9976	0.9917	0.9968	0.9971	0.9960	0.9933	0.9963	0.9937
30.1	0.9982	0.9946	0.9976	0.9973	0.9958	0.9932	0.9964	0.9936
30.2	0.9980	0.9945	0.9969	0.9967	0.9954	0.9928	0.9967	0.9920
30.3	0.9984	0.9935	0.9964	0.9966	0.9953	0.9941	0.9969	0.9875
30.4	0.9983	0.9930	0.9977	0.9972	0.9967	0.9940	0.9972	0.9907
30.5	0.9981	0.9944	0.9982	0.9971	0.9973	0.9932	0.9975	0.9927
30.6	0.9981	0.9943	0.9976	0.9970	0.9970	0.9925	0.9962	0.9912
30.7	0.9972	0.9944	0.9962	0.9960	0.9953	0.9888	0.9931	0.9877
30.8	0.9972	0.9959	0.9962	0.9960	0.9948	0.9887	0.9939	0.9880
30.9	0.9976	0.9960	0.9964	0.9973	0.9959	0.9910	0.9947	0.9887
31.0	0.9974	0.9965	0.9959	0.9971	0.9946	0.9907	0.9933	0.9861
31.1	0.9966	0.9963	0.9950	0.9972	0.9916	0.9865	0.9916	0.9801
31.2	0.9979	0.9969	0.9967	0.9978	0.9934	0.9852	0.9944	0.9818
31.3	0.9980	0.9962	0.9969	0.9963	0.9924	0.9893	0.9934	0.9836
31.4	0.9973	0.9953	0.9953	0.9955	0.9916	0.9831	0.9898	0.9793
31.5	0.9975	0.9960	0.9968	0.9954	0.9929	0.9814	0.9927	0.9810
31.6	0.9968	0.9958	0.9972	0.9943	0.9922	0.9821	0.9916	0.9808
31.7	0.9962	0.9954	0.9966	0.9936	0.9908	0.9839	0.9904	0.9712
31.8	0.9946	0.9920	0.9930	0.9913	0.9875	0.9703	0.9848	0.9642
31.9	0.9970	0.9950	0.9955	0.9960	0.9941	0.9844	0.9909	0.9784
32.0	0.9972	0.9969	0.9968	0.9970	0.9955	0.9885	0.9946	0.9806
32.1	0.9967	0.9952	0.9964	0.9954	0.9941	0.9868	0.9933	0.9801
32.2	0.9965	0.9943	0.9953	0.9941	0.9928	0.9845	0.9909	0.9812
32.3	0.9962	0.9935	0.9960	0.9939	0.9934	0.9840	0.9899	0.9804
32.4	0.9960	0.9922	0.9949	0.9920	0.9922	0.9814	0.9895	0.9768
32.5	0.9974	0.9933	0.9962	0.9914	0.9940	0.9840	0.9909	0.9827
32.6	0.9984	0.9961	0.9976	0.9954	0.9957	0.9902	0.9933	0.9895
32.7	0.9977	0.9951	0.9960	0.9953	0.9952	0.9889	0.9920	0.9904
32.8	0.9979	0.9939	0.9963	0.9955	0.9960	0.9914	0.9923	0.9899
32.9	0.9982	0.9944	0.9968	0.9955	0.9966	0.9933	0.9951	0.9902
33.0	0.9978	0.9941	0.9964	0.9947	0.9962	0.9929	0.9930	0.9913
33.1	0.9987	0.9948	0.9970	0.9964	0.9977	0.9954	0.9960	0.9952
33.2	0.9979	0.9934	0.9958	0.9948	0.9957	0.9939	0.9936	0.9932
33.3	0.9966	0.9892	0.9938	0.9947	0.9920	0.9890	0.9906	0.9890
33.4	0.9976	0.9947	0.9963	0.9974	0.9950	0.9929	0.9939	0.9931
33.5	0.9972	0.9938	0.9957	0.9963	0.9935	0.9913	0.9902	0.9924
33.6	0.9984	0.9960	0.9963	0.9976	0.9964	0.9954	0.9959	0.9956
33.7	0.9976	0.9958	0.9961	0.9967	0.9954	0.9938	0.9941	0.9950

33.8	0.9982	0.9957	0.9958	0.9968	0.9969	0.9952	0.9964	0.9960
33.9	0.9981	0.9961	0.9951	0.9961	0.9971	0.9959	0.9962	0.9957
34.0	0.9980	0.9957	0.9956	0.9961	0.9970	0.9960	0.9963	0.9957
34.1	0.9981	0.9960	0.9963	0.9975	0.9973	0.9961	0.9965	0.9956
34.2	0.9986	0.9972	0.9963	0.9972	0.9979	0.9971	0.9972	0.9967
34.3	0.9983	0.9962	0.9971	0.9960	0.9976	0.9972	0.9965	0.9960
34.4	0.9979	0.9950	0.9970	0.9956	0.9971	0.9963	0.9956	0.9960
34.5	0.9979	0.9953	0.9964	0.9954	0.9969	0.9962	0.9967	0.9964
34.6	0.9978	0.9961	0.9968	0.9956	0.9966	0.9955	0.9967	0.9958
34.7	0.9979	0.9960	0.9966	0.9958	0.9963	0.9959	0.9962	0.9957
34.8	0.9985	0.9964	0.9974	0.9960	0.9970	0.9966	0.9971	0.9960
34.9	0.9986	0.9966	0.9972	0.9965	0.9971	0.9965	0.9968	0.9964
35.0	0.9982	0.9964	0.9970	0.9963	0.9974	0.9967	0.9969	0.9966
35.1	0.9980	0.9959	0.9968	0.9951	0.9966	0.9957	0.9966	0.9960
35.2	0.9977	0.9958	0.9970	0.9951	0.9962	0.9955	0.9957	0.9948
35.3	0.9971	0.9949	0.9956	0.9946	0.9927	0.9917	0.9923	0.9912
35.4	0.9984	0.9973	0.9972	0.9963	0.9969	0.9963	0.9965	0.9970
35.5	0.9986	0.9978	0.9972	0.9967	0.9978	0.9972	0.9975	0.9978
35.6	0.9985	0.9969	0.9974	0.9964	0.9971	0.9963	0.9964	0.9964
35.7	0.9983	0.9973	0.9977	0.9969	0.9977	0.9976	0.9978	0.9975
35.8	0.9975	0.9971	0.9979	0.9968	0.9974	0.9970	0.9970	0.9970
35.9	0.9981	0.9978	0.9978	0.9970	0.9975	0.9969	0.9969	0.9971
36.0	0.9970	0.9967	0.9972	0.9963	0.9966	0.9964	0.9962	0.9964
36.1	0.9961	0.9959	0.9967	0.9958	0.9954	0.9953	0.9955	0.9953
36.2	0.9955	0.9962	0.9964	0.9944	0.9957	0.9960	0.9953	0.9948
36.3	0.9968	0.9975	0.9965	0.9947	0.9966	0.9967	0.9965	0.9964
36.4	0.9962	0.9959	0.9960	0.9955	0.9957	0.9957	0.9951	0.9955
36.5	0.9971	0.9980	0.9974	0.9968	0.9966	0.9967	0.9968	0.9958
36.6	0.9963	0.9982	0.9973	0.9975	0.9970	0.9971	0.9970	0.9961
36.7	0.9961	0.9975	0.9969	0.9967	0.9967	0.9970	0.9966	0.9960
36.8	0.9974	0.9980	0.9974	0.9974	0.9970	0.9970	0.9975	0.9966
36.9	0.9959	0.9981	0.9972	0.9971	0.9958	0.9953	0.9960	0.9954
37.0	0.9972	0.9986	0.9975	0.9972	0.9970	0.9967	0.9974	0.9969
37.1	0.9962	0.9983	0.9962	0.9971	0.9958	0.9959	0.9964	0.9957
37.2	0.9969	0.9980	0.9967	0.9967	0.9960	0.9957	0.9960	0.9950
37.3	0.9964	0.9980	0.9966	0.9970	0.9950	0.9951	0.9963	0.9934
37.4	0.9946	0.9977	0.9962	0.9976	0.9960	0.9960	0.9949	0.9950
37.5	0.9949	0.9970	0.9967	0.9970	0.9935	0.9938	0.9947	0.9925
37.6	0.9958	0.9977	0.9960	0.9969	0.9959	0.9961	0.9948	0.9946
37.7	0.9957	0.9980	0.9954	0.9966	0.9963	0.9964	0.9953	0.9950
37.8	0.9948	0.9985	0.9946	0.9966	0.9966	0.9965	0.9953	0.9949
37.9	0.9927	0.9978	0.9886	0.9947	0.9956	0.9960	0.9882	0.9932
38.0	0.9928	0.9973	0.9926	0.9963	0.9959	0.9961	0.9911	0.9943
38.1	0.9904	0.9973	0.9916	0.9952	0.9958	0.9959	0.9910	0.9937
38.2	0.9927	0.9981	0.9940	0.9965	0.9972	0.9973	0.9910	0.9968
38.3	0.9931	0.9983	0.9931	0.9957	0.9968	0.9969	0.9861	0.9962
38.4	0.9920	0.9978	0.9939	0.9958	0.9964	0.9964	0.9825	0.9965
38.5	0.9900	0.9980	0.9948	0.9958	0.9966	0.9968	0.9812	0.9970
38.6	0.9893	0.9974	0.9943	0.9962	0.9955	0.9962	0.9787	0.9964
38.7	0.9906	0.9977	0.9946	0.9965	0.9967	0.9970	0.9871	0.9969
38.8	0.9908	0.9987	0.9959	0.9969	0.9970	0.9974	0.9901	0.9971
38.9	0.9912	0.9985	0.9963	0.9971	0.9970	0.9973	0.9918	0.9977
39.0	0.9862	0.9980	0.9958	0.9969	0.9961	0.9966	0.9906	0.9967
39.1	0.9864	0.9978	0.9960	0.9968	0.9966	0.9969	0.9910	0.9976
39.2	0.9825	0.9973	0.9958	0.9970	0.9956	0.9960	0.9891	0.9974
39.3	0.9829	0.9983	0.9952	0.9976	0.9969	0.9970	0.9917	0.9983
39.4	0.9768	0.9975	0.9946	0.9968	0.9959	0.9962	0.9904	0.9975
39.5	0.9696	0.9980	0.9949	0.9963	0.9952	0.9957	0.9916	0.9968
39.6	0.9523	0.9974	0.9943	0.9971	0.9942	0.9946	0.9886	0.9974
39.7	0.9390	0.9970	0.9934	0.9963	0.9941	0.9948	0.9893	0.9964
39.8	0.9297	0.9973	0.9915	0.9952	0.9954	0.9956	0.9923	0.9965
39.9	0.9128	0.9976	0.9912	0.9950	0.9948	0.9948	0.9910	0.9962
40.0	0.9071	0.9977	0.9942	0.9963	0.9952	0.9957	0.9933	0.9963
40.1	0.8677	0.9971	0.9932	0.9954	0.9949	0.9952	0.9929	0.9960
40.2	0.8539	0.9974	0.9926	0.9957	0.9954	0.9955	0.9934	0.9962
40.3	0.8476	0.9973	0.9935	0.9954	0.9964	0.9963	0.9951	0.9971
40.4	0.7793	0.9979	0.9936	0.9947	0.9957	0.9963	0.9940	0.9975
40.5	0.8313	0.9981	0.9936	0.9954	0.9968	0.9974	0.9959	0.9976
40.6	0.7974	0.9972	0.9909	0.9942	0.9968	0.9968	0.9951	0.9975
40.7	0.8200	0.9965	0.9906	0.9936	0.9946	0.9950	0.9923	0.9962
40.8	0.9135	0.9967	0.9911	0.9954	0.9955	0.9963	0.9943	0.9964
40.9	0.9424	0.9979	0.9932	0.9963	0.9974	0.9976	0.9963	0.9976
41.0	0.9250	0.9973	0.9914	0.9945	0.9967	0.9968	0.9939	0.9974
41.1	0.9368	0.9970	0.9893	0.9941	0.9955	0.9955	0.9924	0.9964
41.2	0.9568	0.9975	0.9911	0.9948	0.9963	0.9966	0.9952	0.9967
41.3	0.9638	0.9970	0.9909	0.9933	0.9965	0.9965	0.9949	0.9967
41.4	0.9693	0.9966	0.9923	0.9914	0.9957	0.9962	0.9922	0.9972
41.5	0.9738	0.9965	0.9897	0.9917	0.9953	0.9963	0.9917	0.9974
41.6	0.9769	0.9967	0.9858	0.9935	0.9963	0.9968	0.9945	0.9966
41.7	0.9675	0.9963	0.9837	0.9936	0.9963	0.9968	0.9940	0.9964
41.8	0.9649	0.9955	0.9803	0.9915	0.9936	0.9944	0.9888	0.9954
41.9	0.9755	0.9964	0.9822	0.9931	0.9944	0.9946	0.9915	0.9949
42.0	0.9736	0.9961	0.9879	0.9923	0.9962	0.9964	0.9948	0.9968
42.1	0.9727	0.9961	0.9817	0.9931	0.9968	0.9968	0.9949	0.9969
42.2	0.9779	0.9966	0.9783	0.9948	0.9969	0.9974	0.9920	0.9978
42.3	0.9773	0.9945	0.9751	0.9933	0.9964	0.9966	0.9919	0.9973

42.4	0.9769	0.9950	0.9833	0.9903	0.9960	0.9963	0.9946	0.9963
42.5	0.9739	0.9959	0.9841	0.9917	0.9963	0.9966	0.9943	0.9972
42.6	0.9682	0.9949	0.9821	0.9926	0.9959	0.9963	0.9941	0.9964
42.7	0.9748	0.9930	0.9778	0.9936	0.9921	0.9932	0.9864	0.9957
42.8	0.9838	0.9923	0.9689	0.9938	0.9897	0.9915	0.9769	0.9957
42.9	0.9847	0.9944	0.9796	0.9930	0.9915	0.9932	0.9905	0.9930
43.0	0.9832	0.9948	0.9851	0.9919	0.9941	0.9949	0.9951	0.9930
43.1	0.9824	0.9958	0.9831	0.9912	0.9951	0.9957	0.9949	0.9948
43.2	0.9815	0.9953	0.9814	0.9924	0.9956	0.9964	0.9954	0.9959
43.3	0.9840	0.9950	0.9836	0.9916	0.9940	0.9947	0.9926	0.9947
43.4	0.9841	0.9943	0.9863	0.9935	0.9930	0.9936	0.9879	0.9950
43.5	0.9837	0.9923	0.9830	0.9887	0.9899	0.9914	0.9848	0.9928
43.6	0.9850	0.9909	0.9799	0.9861	0.9892	0.9910	0.9873	0.9912
43.7	0.9890	0.9940	0.9809	0.9884	0.9942	0.9947	0.9925	0.9951
43.8	0.9901	0.9943	0.9734	0.9886	0.9950	0.9941	0.9931	0.9954
43.9	0.9881	0.9928	0.9630	0.9890	0.9953	0.9937	0.9925	0.9960
44.0	0.9864	0.9879	0.9139	0.9822	0.9945	0.9939	0.9926	0.9930
44.1	0.9849	0.9868	0.8662	0.9769	0.9915	0.9917	0.9880	0.9913
44.2	0.9827	0.9866	0.7563	0.9667	0.9883	0.9897	0.9848	0.9899
44.3	0.9807	0.9861	0.7906	0.9615	0.9895	0.9896	0.9900	0.9886
44.4	0.9812	0.9878	0.8936	0.9619	0.9901	0.9902	0.9918	0.9860
44.5	0.9841	0.9873	0.8525	0.9660	0.9918	0.9925	0.9914	0.9933
44.6	0.9831	0.9803	0.7615	0.9480	0.9843	0.9848	0.9831	0.9854
44.7	0.9792	0.9854	0.7788	0.9622	0.9865	0.9870	0.9850	0.9890
44.8	0.9770	0.9835	0.7200	0.9638	0.9875	0.9871	0.9847	0.9892
44.9	0.9756	0.9784	0.3927	0.9375	0.9892	0.9850	0.9800	0.9894
45.0	0.9701	0.9722	0.0874	0.9144	0.9794	0.9754	0.9631	0.9804
45.1	0.9632	0.9763	0.2458	0.9189	0.9796	0.9779	0.9625	0.9831
45.2	0.9515	0.9739	0.3666	0.9214	0.9837	0.9810	0.9748	0.9849
45.3	0.9361	0.9619	0.3137	0.8742	0.9779	0.9717	0.9717	0.9769
45.4	0.9132	0.9485	0.3097	0.8696	0.9772	0.9674	0.9532	0.9815
45.5	0.9111	0.9392	0.4497	0.8756	0.9727	0.9626	0.9329	0.9821
45.6	0.9099	0.9341	0.4690	0.8623	0.9713	0.9593	0.9268	0.9791
45.7	0.9162	0.9385	0.5101	0.8430	0.9595	0.9397	0.8772	0.9758
45.8	0.8954	0.9328	0.6421	0.8193	0.9620	0.9397	0.8579	0.9765
45.9	0.8952	0.9326	0.6824	0.8476	0.9689	0.9534	0.8945	0.9729
46.0	0.9117	0.9471	0.7457	0.8717	0.9594	0.9458	0.9242	0.9542
46.1	0.8838	0.9413	0.7463	0.7853	0.9340	0.9238	0.8591	0.9415
46.2	0.8752	0.9317	0.7090	0.7812	0.9538	0.9321	0.7902	0.9564
46.3	0.9128	0.9530	0.6006	0.7178	0.9467	0.9280	0.6047	0.9600
46.4	0.9448	0.9643	0.6975	0.7048	0.9433	0.9111	0.4889	0.9731
46.5	0.9555	0.9684	0.8161	0.7147	0.9628	0.9348	0.6798	0.9805
46.6	0.9419	0.9659	0.8446	0.7582	0.9700	0.9383	0.7684	0.9706
46.7	0.9427	0.9725	0.8480	0.8057	0.9695	0.9220	0.7774	0.9626
46.8	0.9601	0.9788	0.8363	0.7595	0.9686	0.9094	0.7924	0.9705
46.9	0.9716	0.9830	0.8737	0.7469	0.9767	0.9519	0.8660	0.9809
47.0	0.9699	0.9765	0.8600	0.6508	0.9707	0.9544	0.8850	0.9692
47.1	0.9258	0.9533	0.8638	0.5655	0.9621	0.9472	0.9051	0.9364
47.2	0.8910	0.9452	0.8691	0.6668	0.9680	0.9606	0.9337	0.9407
47.3	0.9469	0.9632	0.8632	0.7491	0.9776	0.9749	0.9634	0.9639
47.4	0.9616	0.9661	0.8117	0.6497	0.9760	0.9781	0.9727	0.9614
47.5	0.9516	0.9517	0.7255	0.4261	0.9716	0.9783	0.9617	0.9527
47.6	0.9417	0.9629	0.8544	0.5323	0.9753	0.9742	0.9562	0.9624
47.7	0.9193	0.9575	0.8573	0.3650	0.9688	0.9722	0.9574	0.9455
47.8	0.9128	0.9653	0.9194	0.2911	0.9730	0.9754	0.9624	0.9548
47.9	0.9077	0.9623	0.9341	0.3163	0.9676	0.9712	0.9562	0.9433
48.0	0.9343	0.9603	0.9405	0.3126	0.9662	0.9721	0.9513	0.9437
48.1	0.9317	0.9425	0.9207	0.2305	0.9639	0.9736	0.9565	0.9220
48.2	0.9323	0.9418	0.8906	0.3009	0.9650	0.9723	0.9715	0.9320
48.3	0.9274	0.9327	0.9058	0.1782	0.9643	0.9602	0.9607	0.9389
48.4	0.9097	0.9259	0.9343	0.2847	0.9478	0.9486	0.9537	0.9136
48.5	0.9371	0.9414	0.9178	0.2613	0.9520	0.9589	0.9735	0.9082
48.6	0.9325	0.9336	0.9434	0.2496	0.9660	0.9658	0.9591	0.9176
48.7	0.8906	0.9224	0.9376	0.2378	0.9610	0.9591	0.9287	0.8988
48.8	0.8623	0.9188	0.9001	0.0096	0.9352	0.9406	0.8968	0.8405
48.9	0.8618	0.8736	0.8847	0.0428	0.9182	0.9290	0.8808	0.8301
49.0	0.9038	0.8953	0.9101	0.1383	0.9377	0.9389	0.9160	0.8854
49.1	0.9371	0.9298	0.9250	0.2702	0.9423	0.9415	0.9363	0.9155
49.2	0.9434	0.9486	0.9375	0.3862	0.9427	0.9342	0.9199	0.8875
49.3	0.8030	0.8435	0.8074	0.0166	0.8348	0.8209	0.6066	0.6320
49.4	0.4114	0.4464	0.3605	0.0024	0.4518	0.4156	0.1817	0.1946
49.5	0.4970	0.5310	0.3818	0.0123	0.5398	0.5014	0.2329	0.2573
49.6	0.9061	0.8373	0.8335	0.0050	0.8763	0.8818	0.8342	0.8153
49.7	0.8491	0.7798	0.8293	0.0244	0.8581	0.8395	0.7185	0.7243
49.8	0.8434	0.8388	0.8684	0.0691	0.8594	0.8316	0.6865	0.7033
49.9	0.9171	0.9194	0.9281	0.2015	0.9163	0.9125	0.8310	0.8416
50.0	0.9230	0.8856	0.9100	0.0574	0.9261	0.9154	0.8990	0.8711
50.1	0.9468	0.9167	0.9318	0.0839	0.9395	0.9267	0.9253	0.8938
50.2	0.9294	0.8989	0.9210	0.2152	0.9010	0.8804	0.9077	0.8703
50.3	0.9266	0.8763	0.9328	0.4322	0.9110	0.8871	0.9008	0.8731
50.4	0.9135	0.8732	0.9473	0.4901	0.9170	0.8840	0.8679	0.8759
50.5	0.9474	0.9261	0.9728	0.5008	0.9513	0.9247	0.9134	0.9275
50.6	0.9241	0.8910	0.9507	0.3947	0.8903	0.8502	0.8525	0.8697
50.7	0.9454	0.9071	0.9508	0.3453	0.8889	0.8420	0.8773	0.8830
50.8	0.9586	0.9348	0.9673	0.2825	0.8977	0.8403	0.8927	0.8965
50.9	0.9449	0.8881	0.9434	0.0844	0.8170	0.7371	0.8312	0.8065

51.0	0.9183	0.8619	0.9266	0.0778	0.7594	0.6531	0.7473	0.7437
51.1	0.9184	0.8886	0.9382	0.3390	0.8676	0.7327	0.7346	0.8000
51.2	0.9402	0.9031	0.9384	0.4909	0.8232	0.7000	0.7970	0.7762
51.3	0.9563	0.9270	0.9633	0.6124	0.8162	0.6885	0.8180	0.7946
51.4	0.9615	0.9290	0.9642	0.5396	0.8059	0.6556	0.8140	0.7825
51.5	0.9750	0.9499	0.9739	0.5204	0.8562	0.6386	0.7402	0.8382
51.6	0.9527	0.9546	0.9798	0.5189	0.8500	0.6094	0.6175	0.8545
51.7	0.9626	0.9653	0.9788	0.6982	0.8689	0.6476	0.6960	0.8729
51.8	0.9691	0.9641	0.9797	0.7948	0.8504	0.4517	0.5989	0.8666
51.9	0.9680	0.9705	0.9783	0.7567	0.8466	0.5365	0.5124	0.8540
52.0	0.9694	0.9712	0.9844	0.8184	0.8286	0.5004	0.5483	0.8408
52.1	0.9807	0.9833	0.9844	0.8404	0.8614	0.5717	0.6389	0.8775
52.2	0.9765	0.9804	0.9781	0.8177	0.8261	0.4769	0.6296	0.8354
52.3	0.9662	0.9715	0.9842	0.8555	0.7805	0.4296	0.5758	0.8085
52.4	0.9640	0.9734	0.9805	0.6974	0.7870	0.4801	0.5959	0.7839
52.5	0.9692	0.9737	0.9819	0.7977	0.7889	0.4484	0.6125	0.7809
52.6	0.9748	0.9813	0.9863	0.8954	0.8048	0.4343	0.6466	0.7720
52.7	0.9784	0.9816	0.9820	0.8810	0.7214	0.1703	0.4082	0.6657
52.8	0.9797	0.9858	0.9829	0.8683	0.7363	0.2161	0.3281	0.6799
52.9	0.9599	0.9813	0.9798	0.8532	0.5722	0.2089	0.4231	0.5037
53.0	0.9751	0.9878	0.9907	0.9486	0.7653	0.5615	0.6886	0.6534
53.1	0.9777	0.9833	0.9823	0.9192	0.7405	0.5229	0.7163	0.5848
53.2	0.9761	0.9824	0.9842	0.9478	0.7936	0.6115	0.7570	0.6717
53.3	0.9743	0.9806	0.9758	0.9546	0.7394	0.5636	0.6335	0.6670
53.4	0.9813	0.9893	0.9795	0.9508	0.8144	0.6920	0.7687	0.7015
53.5	0.9813	0.9858	0.9793	0.9344	0.8609	0.7194	0.8391	0.7016
53.6	0.9748	0.9848	0.9801	0.9557	0.8616	0.6918	0.8302	0.7527
53.7	0.9699	0.9812	0.9807	0.9462	0.7671	0.4992	0.6894	0.6571
53.8	0.9840	0.9871	0.9791	0.9163	0.8140	0.5902	0.7570	0.6941
53.9	0.9858	0.9864	0.9779	0.9188	0.8367	0.6302	0.8119	0.6942
54.0	0.9784	0.9837	0.9816	0.9534	0.8296	0.5589	0.7587	0.6602
54.1	0.9745	0.9830	0.9710	0.9468	0.8131	0.4944	0.6284	0.6452
54.2	0.9841	0.9839	0.9775	0.9245	0.8835	0.6907	0.7187	0.7698
54.3	0.9786	0.9853	0.9817	0.9294	0.8545	0.6692	0.7738	0.6810
54.4	0.9831	0.9850	0.9838	0.9546	0.8344	0.6950	0.8186	0.6768
54.5	0.9825	0.9795	0.9824	0.9431	0.7932	0.7168	0.8131	0.6417
54.6	0.9859	0.9839	0.9876	0.9625	0.8285	0.6898	0.8152	0.6582
54.7	0.9881	0.9888	0.9857	0.9478	0.8658	0.6975	0.8353	0.7240
54.8	0.9879	0.9902	0.9884	0.9352	0.8726	0.7275	0.8683	0.6932
54.9	0.9906	0.9903	0.9893	0.9613	0.8921	0.7895	0.8960	0.6736
55.0	0.9879	0.9874	0.9865	0.9683	0.8968	0.7712	0.8916	0.7085
55.1	0.9891	0.9902	0.9906	0.9772	0.9060	0.7671	0.8861	0.7420
55.2	0.9858	0.9904	0.9867	0.9732	0.8901	0.7322	0.8603	0.7446
55.3	0.9874	0.9904	0.9889	0.9778	0.8877	0.7418	0.8619	0.7789
55.4	0.9874	0.9871	0.9841	0.9794	0.8869	0.7304	0.8402	0.7071
55.5	0.9883	0.9913	0.9843	0.9680	0.8863	0.7411	0.8351	0.7576
55.6	0.9889	0.9903	0.9855	0.9726	0.9181	0.8251	0.8965	0.7981
55.7	0.9921	0.9890	0.9900	0.9816	0.9156	0.8517	0.9117	0.8377
55.8	0.9865	0.9886	0.9893	0.9784	0.8816	0.7850	0.8594	0.8224
55.9	0.9801	0.9841	0.9828	0.9725	0.8596	0.6864	0.8063	0.7419
56.0	0.9884	0.9903	0.9860	0.9726	0.9130	0.7796	0.8601	0.8328
56.1	0.9864	0.9882	0.9844	0.9687	0.8795	0.7048	0.8220	0.7931
56.2	0.9870	0.9873	0.9899	0.9798	0.8956	0.7157	0.8355	0.7909
56.3	0.9897	0.9895	0.9925	0.9831	0.8923	0.7333	0.8272	0.8241
56.4	0.9840	0.9884	0.9859	0.9799	0.8600	0.7181	0.7467	0.8044
56.5	0.9854	0.9830	0.9864	0.9752	0.8896	0.7607	0.7911	0.8096
56.6	0.9910	0.9892	0.9916	0.9824	0.9350	0.8270	0.8773	0.8859
56.7	0.9919	0.9910	0.9910	0.9827	0.9348	0.8536	0.8798	0.8767
56.8	0.9876	0.9877	0.9889	0.9734	0.8958	0.7652	0.8043	0.8051
56.9	0.9849	0.9860	0.9898	0.9673	0.8830	0.6924	0.7967	0.7810
57.0	0.9876	0.9874	0.9898	0.9670	0.9068	0.7414	0.8232	0.8344
57.1	0.9893	0.9893	0.9884	0.9646	0.9162	0.7948	0.8571	0.8570
57.2	0.9853	0.9889	0.9864	0.9594	0.9026	0.7768	0.8347	0.8425
57.3	0.9855	0.9879	0.9885	0.9549	0.9126	0.7158	0.8246	0.8398
57.4	0.9874	0.9859	0.9898	0.9611	0.9453	0.7963	0.8923	0.8885
57.5	0.9833	0.9844	0.9859	0.9599	0.9027	0.7395	0.8283	0.8263
57.6	0.9878	0.9894	0.9886	0.9665	0.9178	0.8001	0.8631	0.8639
57.7	0.9881	0.9881	0.9894	0.9644	0.9080	0.7885	0.8516	0.8418
57.8	0.9867	0.9890	0.9898	0.9648	0.9280	0.8002	0.8879	0.8897
57.9	0.9899	0.9915	0.9921	0.9722	0.9276	0.7664	0.8798	0.8845
58.0	0.9909	0.9912	0.9919	0.9738	0.9295	0.7753	0.8801	0.8747
58.1	0.9902	0.9915	0.9919	0.9740	0.9441	0.8246	0.9076	0.8969
58.2	0.9897	0.9896	0.9917	0.9731	0.9316	0.8046	0.8932	0.8685
58.3	0.9915	0.9895	0.9923	0.9691	0.9489	0.8272	0.9165	0.9167
58.4	0.9906	0.9882	0.9920	0.9684	0.9547	0.8340	0.9148	0.9145
58.5	0.9881	0.9866	0.9906	0.9544	0.9458	0.8056	0.8943	0.8820
58.6	0.9904	0.9889	0.9917	0.9688	0.9578	0.8130	0.9237	0.8927
58.7	0.9919	0.9882	0.9919	0.9716	0.9460	0.8021	0.9204	0.8831
58.8	0.9941	0.9855	0.9926	0.9752	0.9443	0.7727	0.9095	0.8767
58.9	0.9938	0.9888	0.9923	0.9755	0.9545	0.8265	0.9231	0.8999
59.0	0.9906	0.9878	0.9885	0.9747	0.9417	0.8165	0.9052	0.8721
59.1	0.9910	0.9878	0.9917	0.9812	0.9609	0.8727	0.9409	0.9095
59.2	0.9894	0.9877	0.9922	0.9751	0.9612	0.8864	0.9424	0.9149
59.3	0.9913	0.9896	0.9917	0.9770	0.9576	0.8843	0.9367	0.9075
59.4	0.9929	0.9897	0.9934	0.9810	0.9607	0.8996	0.9493	0.9214
59.5	0.9932	0.9898	0.9944	0.9824	0.9446	0.8976	0.9395	0.8993

59.6	0.9939	0.9926	0.9951	0.9887	0.9482	0.9191	0.9445	0.9058
59.7	0.9940	0.9890	0.9948	0.9899	0.9385	0.9237	0.9423	0.9020
59.8	0.9941	0.9865	0.9913	0.9852	0.9297	0.9244	0.9319	0.9002
59.9	0.4591	0.1850	0.6308	0.7987	0.6498	0.6752	0.7877	0.4350
60.0	0.2510	0.1358	0.2952	0.4348	0.3720	0.5350	0.6780	0.3298
60.1	0.5869	0.3473	0.6957	0.7888	0.6873	0.8374	0.8786	0.6548
60.2	0.9945	0.9820	0.9908	0.9868	0.8490	0.9408	0.9273	0.9126
60.3	0.9946	0.9896	0.9925	0.9883	0.7989	0.9440	0.9180	0.8981
60.4	0.9932	0.9913	0.9927	0.9844	0.7825	0.9472	0.9220	0.8885
60.5	0.9937	0.9910	0.9912	0.9847	0.7183	0.9460	0.9092	0.8755
60.6	0.9952	0.9871	0.9926	0.9869	0.7242	0.9467	0.9127	0.8836
60.7	0.9956	0.9876	0.9931	0.9831	0.7378	0.9510	0.9147	0.8974
60.8	0.9949	0.9848	0.9923	0.9844	0.7379	0.9574	0.9142	0.9058
60.9	0.9956	0.9865	0.9926	0.9872	0.7665	0.9609	0.9256	0.9258
61.0	0.9936	0.9801	0.9899	0.9841	0.7806	0.9600	0.9322	0.9209
61.1	0.9940	0.9781	0.9882	0.9853	0.7188	0.9408	0.9075	0.8970
61.2	0.9929	0.9825	0.9861	0.9863	0.7549	0.9367	0.8916	0.8990
61.3	0.9943	0.9839	0.9864	0.9851	0.7907	0.9419	0.9014	0.8991
61.4	0.9930	0.9828	0.9857	0.9805	0.7270	0.9161	0.8671	0.8650
61.5	0.9928	0.9879	0.9845	0.9874	0.8485	0.9434	0.9029	0.9080
61.6	0.9945	0.9887	0.9846	0.9890	0.8759	0.9530	0.9139	0.9144
61.7	0.9937	0.9852	0.9810	0.9857	0.8237	0.9226	0.8794	0.8637
61.8	0.9939	0.9879	0.9839	0.9909	0.8721	0.9340	0.8970	0.8946
61.9	0.9934	0.9889	0.9850	0.9917	0.8838	0.9427	0.9079	0.9059
62.0	0.9946	0.9886	0.9825	0.9920	0.9196	0.9583	0.9396	0.9318
62.1	0.9934	0.9858	0.9816	0.9928	0.9193	0.9589	0.9329	0.9280
62.2	0.9945	0.9894	0.9794	0.9941	0.9164	0.9588	0.9369	0.9217
62.3	0.9934	0.9886	0.9773	0.9927	0.9251	0.9583	0.9475	0.9118
62.4	0.9935	0.9856	0.9827	0.9927	0.9195	0.9571	0.9459	0.9099
62.5	0.9944	0.9867	0.9837	0.9932	0.9091	0.9510	0.9321	0.9123
62.6	0.9950	0.9922	0.9832	0.9946	0.9244	0.9571	0.9419	0.9260
62.7	0.9947	0.9919	0.9886	0.9936	0.9395	0.9607	0.9477	0.9233
62.8	0.9949	0.9895	0.9839	0.9922	0.9296	0.9500	0.9310	0.9106
62.9	0.9944	0.9877	0.9864	0.9933	0.9441	0.9563	0.9525	0.9236
63.0	0.9951	0.9888	0.9899	0.9954	0.9548	0.9651	0.9625	0.9358
63.1	0.9934	0.9860	0.9844	0.9944	0.9277	0.9458	0.9434	0.9115
63.2	0.9923	0.9871	0.9821	0.9948	0.9286	0.9382	0.9417	0.9033
63.3	0.9935	0.9916	0.9859	0.9957	0.9500	0.9539	0.9577	0.9267
63.4	0.9937	0.9896	0.9847	0.9957	0.9644	0.9630	0.9654	0.9322
63.5	0.9921	0.9879	0.9807	0.9951	0.9676	0.9645	0.9673	0.9363
63.6	0.9946	0.9931	0.9899	0.9961	0.9703	0.9670	0.9730	0.9395
63.7	0.9932	0.9917	0.9874	0.9958	0.9652	0.9607	0.9682	0.9324
63.8	0.9886	0.9854	0.9788	0.9941	0.9537	0.9380	0.9543	0.9050
63.9	0.9865	0.9821	0.9709	0.9913	0.9322	0.9202	0.9354	0.8710
64.0	0.9925	0.9881	0.9757	0.9952	0.9438	0.9337	0.9465	0.9066
64.1	0.9955	0.9911	0.9866	0.9962	0.9595	0.9542	0.9625	0.9283
64.2	0.9924	0.9900	0.9857	0.9960	0.9611	0.9400	0.9599	0.9183
64.3	0.9917	0.9897	0.9842	0.9952	0.9526	0.9294	0.9508	0.9113
64.4	0.9919	0.9893	0.9855	0.9949	0.9527	0.9247	0.9489	0.9112
64.5	0.9899	0.9879	0.9808	0.9941	0.9380	0.9064	0.9369	0.8910
64.6	0.9914	0.9867	0.9795	0.9937	0.9413	0.9062	0.9342	0.8794
64.7	0.9898	0.9863	0.9753	0.9920	0.9431	0.9127	0.9398	0.8723
64.8	0.9918	0.9911	0.9815	0.9940	0.9577	0.9187	0.9519	0.9120
64.9	0.9920	0.9908	0.9850	0.9946	0.9590	0.9174	0.9490	0.9169
65.0	0.9930	0.9909	0.9823	0.9950	0.9586	0.9352	0.9535	0.9254
65.1	0.9877	0.9881	0.9704	0.9899	0.9414	0.8918	0.9346	0.8778
65.2	0.9871	0.9883	0.9734	0.9907	0.9360	0.8743	0.9190	0.8847
65.3	0.9909	0.9915	0.9838	0.9941	0.9479	0.9029	0.9350	0.9085
65.4	0.9923	0.9920	0.9839	0.9947	0.9569	0.9267	0.9409	0.9341
65.5	0.9904	0.9886	0.9837	0.9926	0.9531	0.9160	0.9298	0.9297
65.6	0.9880	0.9830	0.9806	0.9904	0.9160	0.8630	0.8743	0.8674
65.7	0.9888	0.9857	0.9790	0.9907	0.9283	0.8676	0.8877	0.8758
65.8	0.9870	0.9815	0.9741	0.9899	0.9370	0.8625	0.8940	0.8755
65.9	0.9882	0.9836	0.9789	0.9887	0.9237	0.8700	0.8757	0.8812
66.0	0.9886	0.9873	0.9842	0.9892	0.9428	0.9000	0.9107	0.9127
66.1	0.9900	0.9874	0.9875	0.9907	0.9552	0.9244	0.9342	0.9256
66.2	0.9904	0.9874	0.9868	0.9922	0.9499	0.9147	0.9249	0.9200
66.3	0.9867	0.9841	0.9824	0.9900	0.9489	0.9032	0.9167	0.9146
66.4	0.9872	0.9843	0.9801	0.9899	0.9363	0.8793	0.8852	0.8954
66.5	0.9853	0.9848	0.9795	0.9885	0.9423	0.8831	0.8985	0.9042
66.6	0.9819	0.9830	0.9799	0.9869	0.9416	0.8854	0.8987	0.9055
66.7	0.9862	0.9833	0.9813	0.9885	0.9491	0.9208	0.9131	0.9302
66.8	0.9853	0.9826	0.9797	0.9865	0.9544	0.9176	0.9228	0.9286
66.9	0.9809	0.9769	0.9751	0.9814	0.9497	0.8972	0.9188	0.9114
67.0	0.9848	0.9840	0.9804	0.9868	0.9603	0.9229	0.9330	0.9356
67.1	0.9827	0.9784	0.9764	0.9860	0.9444	0.8899	0.9015	0.9147
67.2	0.9732	0.9693	0.9648	0.9785	0.9218	0.8560	0.8625	0.8761
67.3	0.9796	0.9765	0.9733	0.9827	0.9206	0.8702	0.8387	0.8860
67.4	0.9822	0.9819	0.9789	0.9843	0.9445	0.9030	0.8903	0.9199
67.5	0.9812	0.9776	0.9784	0.9841	0.9533	0.9166	0.9092	0.9341
67.6	0.9787	0.9753	0.9778	0.9809	0.9359	0.8761	0.8766	0.9000
67.7	0.9775	0.9773	0.9795	0.9812	0.9337	0.8682	0.8767	0.9001
67.8	0.9787	0.9762	0.9780	0.9808	0.9364	0.8907	0.8842	0.9136
67.9	0.9780	0.9753	0.9755	0.9787	0.9257	0.8845	0.8568	0.9032
68.0	0.9774	0.9782	0.9783	0.9793	0.9209	0.8808	0.8551	0.8923
68.1	0.9730	0.9729	0.9729	0.9755	0.9235	0.8772	0.8624	0.8995

68.2	0.9664	0.9689	0.9697	0.9735	0.9154	0.8656	0.8423	0.8887
68.3	0.9730	0.9742	0.9790	0.9793	0.9318	0.8979	0.8810	0.9126
68.4	0.9704	0.9718	0.9728	0.9750	0.9311	0.8818	0.8677	0.9034
68.5	0.9710	0.9737	0.9742	0.9741	0.9234	0.8562	0.8351	0.8903
68.6	0.9679	0.9722	0.9712	0.9722	0.9265	0.8807	0.8526	0.9043
68.7	0.9654	0.9649	0.9656	0.9714	0.9183	0.8858	0.8498	0.9068
68.8	0.9702	0.9717	0.9739	0.9757	0.9338	0.8920	0.8722	0.9096
68.9	0.9625	0.9647	0.9646	0.9644	0.9184	0.8693	0.8489	0.8911
69.0	0.9739	0.9758	0.9759	0.9763	0.9458	0.9141	0.8993	0.9304
69.1	0.9675	0.9700	0.9709	0.9713	0.9331	0.8918	0.8745	0.9122
69.2	0.9671	0.9714	0.9721	0.9724	0.9410	0.9039	0.8840	0.9234
69.3	0.9552	0.9611	0.9657	0.9616	0.9222	0.8665	0.8519	0.8972
69.4	0.9721	0.9760	0.9757	0.9769	0.9441	0.9098	0.8938	0.9289
69.5	0.9592	0.9597	0.9639	0.9646	0.9194	0.8768	0.8603	0.8988
69.6	0.9591	0.9630	0.9672	0.9649	0.9259	0.8799	0.8742	0.8940
69.7	0.9616	0.9600	0.9693	0.9661	0.9212	0.8702	0.8746	0.8882
69.8	0.9610	0.9650	0.9646	0.9679	0.9368	0.8851	0.9032	0.9004
69.9	0.9731	0.9769	0.9767	0.9764	0.9579	0.9246	0.9325	0.9330
70.0	0.9693	0.9714	0.9748	0.9740	0.9472	0.9135	0.9211	0.9230
70.1	0.9666	0.9698	0.9734	0.9728	0.9504	0.9192	0.9359	0.9286
70.2	0.9616	0.9662	0.9691	0.9691	0.9379	0.8951	0.9216	0.9054
70.3	0.9541	0.9602	0.9584	0.9610	0.9267	0.8713	0.8934	0.8843
70.4	0.9465	0.9530	0.9548	0.9591	0.9277	0.8675	0.8969	0.8844
70.5	0.9615	0.9646	0.9670	0.9713	0.9417	0.8930	0.9140	0.9087
70.6	0.9592	0.9661	0.9667	0.9709	0.9383	0.8884	0.9133	0.8965
70.7	0.9644	0.9691	0.9673	0.9748	0.9572	0.9077	0.9367	0.9156
70.8	0.9656	0.9672	0.9699	0.9760	0.9553	0.9109	0.9384	0.9175
70.9	0.9712	0.9751	0.9769	0.9794	0.9582	0.9159	0.9423	0.9223
71.0	0.9676	0.9727	0.9755	0.9775	0.9580	0.9096	0.9431	0.9142
71.1	0.9633	0.9669	0.9704	0.9721	0.9498	0.8998	0.9321	0.9065
71.2	0.9738	0.9756	0.9767	0.9795	0.9612	0.9188	0.9426	0.9238
71.3	0.9715	0.9765	0.9768	0.9777	0.9619	0.9068	0.9490	0.9194
71.4	0.9720	0.9760	0.9746	0.9796	0.9593	0.8923	0.9371	0.9114
71.5	0.9768	0.9802	0.9782	0.9827	0.9651	0.9021	0.9449	0.9105
71.6	0.9776	0.9814	0.9793	0.9834	0.9723	0.9248	0.9564	0.9333
71.7	0.9751	0.9814	0.9801	0.9835	0.9739	0.9194	0.9511	0.9369
71.8	0.9721	0.9812	0.9791	0.9834	0.9708	0.9214	0.9487	0.9255
71.9	0.9822	0.9884	0.9855	0.9889	0.9802	0.9395	0.9622	0.9450
72.0	0.9841	0.9878	0.9835	0.9901	0.9764	0.9355	0.9513	0.9466
72.1	0.9740	0.9846	0.9772	0.9854	0.9759	0.9220	0.9394	0.9353
72.2	0.9802	0.9866	0.9782	0.9884	0.9785	0.9379	0.9491	0.9420
72.3	0.9771	0.9852	0.9758	0.9871	0.9761	0.9238	0.9357	0.9339
72.4	0.9777	0.9831	0.9768	0.9882	0.9720	0.9100	0.9272	0.9194
72.5	0.9826	0.9889	0.9811	0.9913	0.9821	0.9321	0.9329	0.9535
72.6	0.9830	0.9899	0.9810	0.9925	0.9830	0.9239	0.9222	0.9520
72.7	0.9800	0.9892	0.9811	0.9909	0.9796	0.8986	0.9109	0.9421
72.8	0.9750	0.9892	0.9745	0.9900	0.9774	0.9022	0.9205	0.9359
72.9	0.9807	0.9897	0.9783	0.9936	0.9824	0.9314	0.9167	0.9596
73.0	0.9825	0.9885	0.9800	0.9927	0.9824	0.9306	0.9191	0.9625
73.1	0.9774	0.9873	0.9755	0.9914	0.9810	0.9266	0.8912	0.9575
73.2	0.9784	0.9880	0.9785	0.9934	0.9801	0.9079	0.8484	0.9616
73.3	0.9818	0.9881	0.9774	0.9941	0.9797	0.8982	0.8604	0.9617
73.4	0.9804	0.9885	0.9718	0.9933	0.9800	0.8947	0.8670	0.9602
73.5	0.9805	0.9905	0.9749	0.9933	0.9824	0.8876	0.8567	0.9697
73.6	0.9821	0.9918	0.9785	0.9942	0.9864	0.9128	0.8478	0.9792
73.7	0.9862	0.9932	0.9809	0.9958	0.9876	0.9195	0.8380	0.9745
73.8	0.9833	0.9915	0.9785	0.9960	0.9869	0.9041	0.8036	0.9725
73.9	0.9827	0.9932	0.9817	0.9954	0.9876	0.9151	0.8269	0.9762
74.0	0.9809	0.9944	0.9788	0.9959	0.9898	0.9201	0.8102	0.9790
74.1	0.9796	0.9914	0.9711	0.9958	0.9876	0.9229	0.8035	0.9810
74.2	0.9783	0.9900	0.9739	0.9953	0.9882	0.9170	0.7541	0.9814
74.3	0.9781	0.9900	0.9833	0.9950	0.9861	0.8955	0.7289	0.9769
74.4	0.9746	0.9870	0.9786	0.9949	0.9813	0.8765	0.5969	0.9722
74.5	0.9790	0.9897	0.9803	0.9953	0.9886	0.9092	0.6141	0.9827
74.6	0.9808	0.9885	0.9828	0.9946	0.9874	0.9083	0.6516	0.9845
74.7	0.9747	0.9861	0.9786	0.9945	0.9838	0.8906	0.5422	0.9779
74.8	0.9794	0.9905	0.9824	0.9946	0.9875	0.9190	0.6033	0.9813
74.9	0.9811	0.9919	0.9876	0.9931	0.9862	0.9203	0.6956	0.9771
75.0	0.9808	0.9880	0.9851	0.9934	0.9865	0.9246	0.6226	0.9807
75.1	0.9751	0.9833	0.9840	0.9929	0.9834	0.9067	0.5926	0.9760
75.2	0.9752	0.9879	0.9887	0.9923	0.9877	0.9236	0.6910	0.9819
75.3	0.9815	0.9914	0.9917	0.9959	0.9919	0.9477	0.7838	0.9859
75.4	0.9789	0.9856	0.9882	0.9936	0.9904	0.9436	0.7679	0.9815
75.5	0.9788	0.9825	0.9871	0.9925	0.9898	0.9376	0.7381	0.9818
75.6	0.9842	0.9863	0.9915	0.9940	0.9922	0.9539	0.7718	0.9856
75.7	0.9834	0.9809	0.9916	0.9917	0.9885	0.9440	0.7515	0.9780
75.8	0.9773	0.9813	0.9917	0.9923	0.9891	0.9497	0.7557	0.9793
75.9	0.9788	0.9812	0.9933	0.9935	0.9890	0.9465	0.7778	0.9829
76.0	0.9682	0.9664	0.9911	0.9907	0.9839	0.9361	0.7128	0.9755
76.1	0.9726	0.9746	0.9904	0.9906	0.9861	0.9501	0.8019	0.9753
76.2	0.9792	0.9785	0.9936	0.9919	0.9893	0.9551	0.8589	0.9756
76.3	0.9746	0.9778	0.9920	0.9905	0.9856	0.9430	0.8489	0.9704
76.4	0.9821	0.9802	0.9942	0.9916	0.9902	0.9598	0.8986	0.9800
76.5	0.9857	0.9840	0.9955	0.9940	0.9921	0.9710	0.9428	0.9846
76.6	0.9850	0.9840	0.9957	0.9936	0.9908	0.9687	0.9444	0.9821
76.7	0.9840	0.9820	0.9948	0.9914	0.9920	0.9699	0.9529	0.9786

76.8	0.9827	0.9740	0.9956	0.9898	0.9902	0.9711	0.9497	0.9802
76.9	0.9861	0.9769	0.9970	0.9915	0.9903	0.9726	0.9601	0.9798
77.0	0.9766	0.9639	0.9951	0.9876	0.9854	0.9571	0.9244	0.9710
77.1	0.9799	0.9765	0.9962	0.9896	0.9895	0.9697	0.9477	0.9770
77.2	0.9828	0.9769	0.9968	0.9925	0.9900	0.9713	0.9632	0.9777
77.3	0.9825	0.9752	0.9970	0.9916	0.9882	0.9703	0.9535	0.9773
77.4	0.9803	0.9760	0.9964	0.9887	0.9864	0.9687	0.9570	0.9758
77.5	0.9773	0.9752	0.9964	0.9872	0.9862	0.9714	0.9587	0.9732
77.6	0.9855	0.9811	0.9969	0.9880	0.9915	0.9838	0.9755	0.9793
77.7	0.9880	0.9822	0.9973	0.9869	0.9883	0.9758	0.9646	0.9779
77.8	0.9881	0.9782	0.9967	0.9853	0.9852	0.9700	0.9506	0.9712
77.9	0.9888	0.9812	0.9977	0.9900	0.9874	0.9769	0.9599	0.9767
78.0	0.9854	0.9811	0.9972	0.9882	0.9829	0.9654	0.9362	0.9761
78.1	0.9836	0.9812	0.9969	0.9865	0.9814	0.9644	0.9395	0.9649
78.2	0.9848	0.9788	0.9963	0.9830	0.9748	0.9589	0.9092	0.9645
78.3	0.9836	0.9820	0.9973	0.9827	0.9748	0.9653	0.9031	0.9680
78.4	0.9867	0.9806	0.9970	0.9840	0.9749	0.9698	0.9115	0.9711
78.5	0.9902	0.9799	0.9962	0.9842	0.9733	0.9668	0.9088	0.9663
78.6	0.9891	0.9810	0.9968	0.9846	0.9736	0.9679	0.8822	0.9669
78.7	0.9883	0.9822	0.9973	0.9847	0.9666	0.9686	0.8670	0.9719
78.8	0.9882	0.9820	0.9969	0.9831	0.9617	0.9669	0.8747	0.9655
78.9	0.9854	0.9790	0.9968	0.9837	0.9565	0.9673	0.8779	0.9678
79.0	0.9890	0.9824	0.9969	0.9845	0.9523	0.9667	0.8537	0.9629
79.1	0.9902	0.9830	0.9966	0.9790	0.9558	0.9730	0.8769	0.9598
79.2	0.9836	0.9780	0.9960	0.9744	0.9354	0.9654	0.8564	0.9525
79.3	0.9871	0.9835	0.9970	0.9769	0.9511	0.9729	0.8815	0.9658
79.4	0.9901	0.9845	0.9967	0.9742	0.9500	0.9744	0.8885	0.9691
79.5	0.9915	0.9836	0.9953	0.9727	0.9302	0.9617	0.8547	0.9627
79.6	0.9911	0.9856	0.9955	0.9738	0.9330	0.9651	0.8716	0.9616
79.7	0.9911	0.9837	0.9955	0.9715	0.9388	0.9717	0.8902	0.9666
79.8	0.9908	0.9879	0.9958	0.9720	0.9199	0.9696	0.8868	0.9616
79.9	0.9897	0.9868	0.9948	0.9676	0.9143	0.9704	0.8894	0.9573
80.0	0.9878	0.9831	0.9932	0.9724	0.9117	0.9747	0.9110	0.9568

1.2.20 Run 5 – VTC-200 – SF and shaft bending gauges

Vertical shaking on center with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.5610	0.5667	0.4401	0.8020	0.5072	0.5377	0.4855	0.6183
0.1	0.1420	0.1550	0.0118	0.7858	0.0295	0.0453	0.0135	0.2700
0.2	0.2321	0.0045	0.9633	0.9559	0.8664	0.5935	0.7693	0.7088
0.3	0.1603	0.1012	0.7223	0.5953	0.1668	0.1419	0.1091	0.1632
0.4	0.2661	0.3007	0.5391	0.7314	0.4555	0.2810	0.3934	0.2697
0.5	0.2155	0.3077	0.7052	0.8704	0.7542	0.2572	0.7407	0.1872
0.6	0.1768	0.0820	0.9381	0.9356	0.8975	0.1074	0.9297	0.1991
0.7	0.3984	0.2048	0.9743	0.9693	0.9846	0.3969	0.9805	0.5903
0.8	0.1891	0.1676	0.6638	0.6494	0.9579	0.1808	0.9151	0.1818
0.9	0.3413	0.3609	0.2756	0.7388	0.7083	0.3497	0.8428	0.3171
1.0	0.5942	0.6317	0.7545	0.9456	0.7886	0.6507	0.8510	0.5564
1.1	0.8735	0.9167	0.9799	0.9935	0.9388	0.9572	0.9413	0.9324
1.2	0.8616	0.9415	0.9920	0.9954	0.9848	0.9826	0.9863	0.9687
1.3	0.8708	0.9458	0.9910	0.9965	0.9904	0.9887	0.9927	0.9773
1.4	0.8654	0.9434	0.9907	0.9970	0.9925	0.9899	0.9935	0.9821
1.5	0.8938	0.9437	0.9890	0.9974	0.9929	0.9921	0.9940	0.9868
1.6	0.9297	0.9274	0.9900	0.9978	0.9897	0.9905	0.9908	0.9841
1.7	0.8882	0.9232	0.9857	0.9957	0.9790	0.9811	0.9785	0.9720
1.8	0.9012	0.9305	0.9841	0.9953	0.9403	0.9730	0.9436	0.9772
1.9	0.8902	0.9442	0.9824	0.9940	0.8836	0.9512	0.8893	0.9724
2.0	0.8239	0.8814	0.9707	0.9910	0.9295	0.9598	0.9326	0.9636
2.1	0.4471	0.5257	0.8716	0.9357	0.9061	0.9324	0.9123	0.9338
2.2	0.2171	0.1531	0.8976	0.8750	0.8114	0.8592	0.8175	0.9065
2.3	0.3220	0.0846	0.9771	0.9782	0.6544	0.7399	0.6582	0.8027
2.4	0.0419	0.5207	0.9880	0.9923	0.8012	0.9123	0.8030	0.9164
2.5	0.0147	0.5837	0.9901	0.9925	0.7401	0.9249	0.7323	0.9493
2.6	0.0899	0.5936	0.9914	0.9943	0.7155	0.9515	0.7134	0.9616
2.7	0.2746	0.7349	0.9902	0.9942	0.7964	0.9601	0.7871	0.9640
2.8	0.3063	0.6977	0.9844	0.9910	0.7826	0.9496	0.7925	0.9537
2.9	0.3074	0.6305	0.9849	0.9906	0.4193	0.8621	0.3992	0.9001
3.0	0.4046	0.6721	0.9874	0.9926	0.5232	0.8913	0.4871	0.9031
3.1	0.2541	0.6473	0.9789	0.9901	0.8608	0.9166	0.8747	0.9002
3.2	0.1668	0.5342	0.9714	0.9868	0.7888	0.8690	0.7769	0.7842
3.3	0.0978	0.6059	0.9771	0.9886	0.4112	0.8650	0.4273	0.8052
3.4	0.1708	0.5404	0.9683	0.9844	0.3546	0.8574	0.3773	0.8334
3.5	0.1996	0.3054	0.9277	0.9584	0.1627	0.6700	0.2304	0.6969
3.6	0.0894	0.0565	0.8031	0.8929	0.1481	0.4564	0.1630	0.4450
3.7	0.1841	0.4725	0.9546	0.9798	0.9104	0.8441	0.9193	0.6250
3.8	0.5364	0.8792	0.9956	0.9971	0.9844	0.9806	0.9853	0.9618
3.9	0.7164	0.9325	0.9978	0.9983	0.9826	0.9891	0.9822	0.9843
4.0	0.7137	0.9468	0.9979	0.9989	0.9819	0.9894	0.9818	0.9865
4.1	0.6545	0.9519	0.9979	0.9990	0.9922	0.9926	0.9930	0.9888
4.2	0.5844	0.9154	0.9971	0.9979	0.9868	0.9854	0.9904	0.9772
4.3	0.3821	0.8617	0.9951	0.9964	0.9749	0.9761	0.9770	0.9607
4.4	0.5305	0.8476	0.9940	0.9956	0.9472	0.9553	0.9506	0.9378
4.5	0.4958	0.8604	0.9943	0.9958	0.9604	0.9571	0.9697	0.9420
4.6	0.5186	0.8200	0.9921	0.9938	0.9458	0.9619	0.9772	0.9460
4.7	0.5886	0.7213	0.9823	0.9875	0.9077	0.9373	0.9483	0.9109
4.8	0.6849	0.7415	0.9654	0.9812	0.8532	0.8728	0.9561	0.8415
4.9	0.6039	0.5252	0.9193	0.9628	0.7513	0.4978	0.8980	0.4771
5.0	0.4786	0.2285	0.9816	0.9873	0.9430	0.8561	0.9658	0.8051
5.1	0.6925	0.5500	0.9933	0.9948	0.9740	0.9637	0.9892	0.9527
5.2	0.6315	0.5665	0.9902	0.9932	0.9371	0.9223	0.9707	0.9095
5.3	0.3036	0.4080	0.9788	0.9843	0.7624	0.7572	0.8869	0.7719
5.4	0.1258	0.2039	0.9438	0.9545	0.4003	0.2077	0.6499	0.3519
5.5	0.1397	0.1900	0.8943	0.8982	0.6719	0.2328	0.7828	0.0597
5.6	0.0166	0.5257	0.9273	0.9317	0.8254	0.7445	0.8863	0.6489
5.7	0.3931	0.7551	0.9704	0.9725	0.9389	0.9155	0.9696	0.8714
5.8	0.7013	0.9245	0.9867	0.9905	0.9733	0.9679	0.9899	0.9478
5.9	0.8442	0.9346	0.9893	0.9958	0.9878	0.9772	0.9943	0.9634
6.0	0.8527	0.9332	0.9889	0.9958	0.9818	0.9827	0.9922	0.9748
6.1	0.8868	0.9533	0.9944	0.9982	0.9893	0.9888	0.9949	0.9825
6.2	0.9028	0.9641	0.9963	0.9992	0.9887	0.9926	0.9944	0.9882
6.3	0.8417	0.9633	0.9976	0.9994	0.9780	0.9910	0.9903	0.9871
6.4	0.8460	0.9757	0.9980	0.9993	0.9609	0.9892	0.9819	0.9850
6.5	0.7017	0.9571	0.9978	0.9990	0.9231	0.9825	0.9601	0.9794
6.6	0.3180	0.9388	0.9973	0.9985	0.8820	0.9723	0.9063	0.9745
6.7	0.0226	0.8989	0.9968	0.9970	0.8779	0.9671	0.8707	0.9714
6.8	0.1284	0.8836	0.9940	0.9953	0.8966	0.9322	0.8814	0.9627
6.9	0.0568	0.8313	0.9877	0.9919	0.9113	0.8724	0.8978	0.9540
7.0	0.4027	0.4879	0.9780	0.9862	0.9170	0.8860	0.9119	0.9555
7.1	0.5670	0.1213	0.9297	0.9490	0.8635	0.8629	0.8623	0.9265
7.2	0.7388	0.6478	0.9118	0.9374	0.9230	0.9363	0.9254	0.9361
7.3	0.7889	0.8000	0.8975	0.9677	0.9569	0.9609	0.9590	0.9599
7.4	0.8004	0.8355	0.8364	0.9280	0.9604	0.9720	0.9625	0.9710
7.5	0.8521	0.8971	0.7820	0.8873	0.9719	0.9840	0.9747	0.9764
7.6	0.8553	0.9071	0.8195	0.9392	0.9871	0.9906	0.9882	0.9760
7.7	0.8869	0.9330	0.9310	0.9846	0.9965	0.9923	0.9971	0.9731
7.8	0.9071	0.9397	0.9740	0.9953	0.9987	0.9942	0.9990	0.9732
7.9	0.8983	0.9300	0.9847	0.9929	0.9973	0.9951	0.9977	0.9790

8.0	0.8946	0.9370	0.9848	0.9893	0.9966	0.9944	0.9972	0.9774
8.1	0.9399	0.9502	0.9890	0.9962	0.9985	0.9947	0.9987	0.9793
8.2	0.9436	0.9521	0.9914	0.9976	0.9989	0.9960	0.9991	0.9836
8.3	0.9185	0.9412	0.9906	0.9960	0.9982	0.9935	0.9985	0.9766
8.4	0.9144	0.9265	0.9938	0.9968	0.9986	0.9941	0.9989	0.9791
8.5	0.9021	0.9318	0.9907	0.9962	0.9978	0.9948	0.9982	0.9812
8.6	0.8995	0.9227	0.9904	0.9972	0.9982	0.9951	0.9985	0.9812
8.7	0.9216	0.8815	0.9880	0.9964	0.9954	0.9918	0.9959	0.9714
8.8	0.9349	0.9218	0.9901	0.9961	0.9948	0.9921	0.9957	0.9714
8.9	0.9019	0.8800	0.9889	0.9964	0.9935	0.9940	0.9940	0.9738
9.0	0.8464	0.8552	0.9877	0.9945	0.9843	0.9895	0.9853	0.9627
9.1	0.9197	0.9273	0.9873	0.9948	0.9864	0.9882	0.9872	0.9675
9.2	0.9307	0.9191	0.9678	0.9922	0.9520	0.9737	0.9538	0.9731
9.3	0.9403	0.9349	0.9561	0.9877	0.9385	0.9583	0.9389	0.9717
9.4	0.9510	0.9606	0.9498	0.9881	0.9464	0.9558	0.9460	0.9695
9.5	0.9506	0.9784	0.9439	0.9887	0.9532	0.9549	0.9524	0.9739
9.6	0.9567	0.9857	0.9505	0.9899	0.9628	0.9532	0.9620	0.9790
9.7	0.9420	0.9839	0.9230	0.9909	0.9407	0.9354	0.9379	0.9768
9.8	0.9458	0.9868	0.9423	0.9936	0.9652	0.9474	0.9607	0.9766
9.9	0.9667	0.9879	0.9528	0.9950	0.9728	0.9737	0.9688	0.9826
10.0	0.9686	0.9853	0.9433	0.9958	0.9714	0.9765	0.9684	0.9825
10.1	0.9643	0.9801	0.9332	0.9941	0.9547	0.9751	0.9581	0.9800
10.2	0.9722	0.9829	0.9304	0.9952	0.9696	0.9831	0.9775	0.9836
10.3	0.9696	0.9814	0.9271	0.9955	0.9833	0.9797	0.9899	0.9773
10.4	0.9596	0.9771	0.8712	0.9947	0.9842	0.9795	0.9908	0.9769
10.5	0.9540	0.9780	0.8040	0.9938	0.9862	0.9805	0.9924	0.9761
10.6	0.9669	0.9847	0.8063	0.9949	0.9873	0.9829	0.9934	0.9786
10.7	0.9670	0.9828	0.7848	0.9939	0.9690	0.9839	0.9843	0.9801
10.8	0.9782	0.9874	0.8640	0.9963	0.9839	0.9898	0.9921	0.9876
10.9	0.9777	0.9843	0.8409	0.9959	0.9854	0.9884	0.9937	0.9855
11.0	0.9663	0.9799	0.8431	0.9942	0.9844	0.9871	0.9928	0.9837
11.1	0.9545	0.9764	0.8333	0.9935	0.9882	0.9808	0.9932	0.9744
11.2	0.9699	0.9818	0.8578	0.9951	0.9901	0.9840	0.9943	0.9787
11.3	0.9734	0.9815	0.8356	0.9951	0.9923	0.9861	0.9954	0.9814
11.4	0.9697	0.9804	0.8472	0.9950	0.9931	0.9878	0.9965	0.9840
11.5	0.9646	0.9817	0.8412	0.9946	0.9954	0.9849	0.9966	0.9801
11.6	0.9648	0.9799	0.8122	0.9939	0.9925	0.9796	0.9942	0.9734
11.7	0.9692	0.9819	0.8012	0.9950	0.9938	0.9859	0.9962	0.9806
11.8	0.9628	0.9807	0.7510	0.9947	0.9935	0.9824	0.9955	0.9755
11.9	0.9695	0.9826	0.5322	0.9957	0.9959	0.9839	0.9966	0.9781
12.0	0.9709	0.9792	0.4360	0.9933	0.9954	0.9836	0.9966	0.9779
12.1	0.9675	0.9742	0.1070	0.9924	0.9945	0.9815	0.9960	0.9743
12.2	0.9807	0.9838	0.2830	0.9942	0.9962	0.9888	0.9975	0.9845
12.3	0.9820	0.9858	0.4532	0.9950	0.9962	0.9890	0.9973	0.9851
12.4	0.9720	0.9789	0.5475	0.9934	0.9957	0.9833	0.9966	0.9780
12.5	0.9690	0.9742	0.7183	0.9909	0.9966	0.9807	0.9973	0.9745
12.6	0.9801	0.9824	0.8755	0.9931	0.9976	0.9870	0.9977	0.9834
12.7	0.9827	0.9824	0.9239	0.9917	0.9974	0.9878	0.9974	0.9847
12.8	0.9791	0.9802	0.9322	0.9912	0.9968	0.9854	0.9973	0.9816
12.9	0.9792	0.9805	0.9517	0.9902	0.9969	0.9847	0.9969	0.9811
13.0	0.9773	0.9780	0.9555	0.9879	0.9958	0.9834	0.9965	0.9799
13.1	0.9751	0.9755	0.9623	0.9849	0.9954	0.9808	0.9957	0.9768
13.2	0.9806	0.9805	0.9728	0.9875	0.9937	0.9841	0.9948	0.9806
13.3	0.9809	0.9824	0.9744	0.9873	0.9921	0.9820	0.9928	0.9792
13.4	0.9718	0.9746	0.9654	0.9807	0.9912	0.9736	0.9912	0.9698
13.5	0.9521	0.9547	0.9438	0.9609	0.9906	0.9520	0.9885	0.9462
13.6	0.9480	0.9513	0.9460	0.9521	0.9909	0.9486	0.9901	0.9433
13.7	0.9484	0.9495	0.9511	0.9474	0.9937	0.9481	0.9931	0.9440
13.8	0.9537	0.9550	0.9593	0.9483	0.9946	0.9529	0.9961	0.9504
13.9	0.9646	0.9653	0.9719	0.9561	0.9896	0.9633	0.9924	0.9622
14.0	0.9752	0.9757	0.9811	0.9646	0.9905	0.9718	0.9914	0.9731
14.1	0.9726	0.9720	0.9807	0.9567	0.9828	0.9696	0.9837	0.9700
14.2	0.9694	0.9691	0.9793	0.9476	0.9640	0.9733	0.9653	0.9685
14.3	0.9486	0.9500	0.9688	0.9104	0.9395	0.9680	0.9410	0.9495
14.4	0.9385	0.9368	0.9627	0.8945	0.9314	0.9820	0.9326	0.9404
14.5	0.8916	0.8963	0.9437	0.8417	0.9185	0.9777	0.9198	0.9073
14.6	0.8785	0.8874	0.9512	0.8468	0.9337	0.9780	0.9357	0.9112
14.7	0.9009	0.9050	0.9752	0.8913	0.9646	0.9782	0.9651	0.9448
14.8	0.9024	0.9150	0.9796	0.9011	0.9757	0.9700	0.9761	0.9385
14.9	0.8947	0.9138	0.9794	0.8980	0.9809	0.9532	0.9809	0.9191
15.0	0.9116	0.9289	0.9850	0.9468	0.9890	0.9625	0.9890	0.9384
15.1	0.8517	0.8479	0.9737	0.9317	0.9894	0.9117	0.9891	0.8623
15.2	0.8086	0.8093	0.9746	0.9531	0.9914	0.8838	0.9917	0.8304
15.3	0.7556	0.6412	0.9713	0.9491	0.9912	0.8321	0.9917	0.5868
15.4	0.7929	0.5761	0.9761	0.9601	0.9939	0.8518	0.9947	0.3292
15.5	0.7933	0.5196	0.9799	0.9626	0.9925	0.8793	0.9942	0.0879
15.6	0.8280	0.6087	0.9792	0.9660	0.9943	0.8960	0.9952	0.0512
15.7	0.8646	0.6761	0.9848	0.9663	0.9945	0.9184	0.9966	0.2820
15.8	0.8714	0.7110	0.9881	0.9629	0.9946	0.9200	0.9970	0.4322
15.9	0.9032	0.7919	0.9896	0.9709	0.9964	0.9419	0.9983	0.6550
16.0	0.9108	0.8286	0.9911	0.9715	0.9963	0.9514	0.9977	0.7477
16.1	0.9150	0.8583	0.9928	0.9734	0.9953	0.9574	0.9965	0.7809
16.2	0.9169	0.8706	0.9917	0.9788	0.9945	0.9563	0.9971	0.7990
16.3	0.9311	0.8402	0.9918	0.9785	0.9945	0.9557	0.9974	0.7919
16.4	0.9084	0.8021	0.9923	0.9819	0.9950	0.9643	0.9970	0.8387
16.5	0.9215	0.8050	0.9901	0.9807	0.9954	0.9635	0.9973	0.8734

16.6	0.9162	0.8246	0.9915	0.9803	0.9947	0.9697	0.9969	0.9190
16.7	0.9047	0.7955	0.9923	0.9799	0.9937	0.9667	0.9964	0.9235
16.8	0.9039	0.7758	0.9898	0.9790	0.9930	0.9525	0.9958	0.8892
16.9	0.8745	0.7966	0.9896	0.9786	0.9925	0.9572	0.9958	0.8900
17.0	0.9050	0.8407	0.9929	0.9814	0.9952	0.9760	0.9972	0.9329
17.1	0.8921	0.7809	0.9920	0.9827	0.9917	0.9520	0.9929	0.8696
17.2	0.8468	0.7181	0.9908	0.9798	0.9914	0.9555	0.9944	0.8921
17.3	0.8299	0.7779	0.9918	0.9772	0.9950	0.9625	0.9975	0.8934
17.4	0.8497	0.8147	0.9924	0.9762	0.9954	0.9482	0.9969	0.8018
17.5	0.8629	0.7595	0.9926	0.9805	0.9937	0.9695	0.9968	0.8804
17.6	0.8384	0.7249	0.9913	0.9812	0.9926	0.9756	0.9970	0.9256
17.7	0.8397	0.7289	0.9890	0.9854	0.9938	0.9722	0.9971	0.9108
17.8	0.8421	0.6759	0.9866	0.9827	0.9929	0.9598	0.9962	0.8696
17.9	0.8275	0.7333	0.9879	0.9806	0.9916	0.9434	0.9957	0.8155
18.0	0.8665	0.7659	0.9904	0.9804	0.9952	0.9050	0.9966	0.6888
18.1	0.9236	0.8183	0.9890	0.9803	0.9923	0.8433	0.9965	0.4438
18.2	0.9329	0.8474	0.9893	0.9795	0.9912	0.7755	0.9960	0.0526
18.3	0.9423	0.8693	0.9939	0.9832	0.9921	0.7661	0.9960	0.2644
18.4	0.9276	0.8575	0.9932	0.9822	0.9916	0.8257	0.9956	0.6253
18.5	0.8184	0.7294	0.9902	0.9649	0.9828	0.8038	0.9857	0.6676
18.6	0.5289	0.2382	0.9900	0.9680	0.9839	0.8356	0.9835	0.6787
18.7	0.6844	0.4429	0.9899	0.9767	0.9876	0.8569	0.9889	0.6644
18.8	0.8221	0.6714	0.9889	0.9835	0.9895	0.8421	0.9930	0.5341
18.9	0.8641	0.7882	0.9903	0.9864	0.9923	0.8710	0.9958	0.5934
19.0	0.9118	0.8477	0.9913	0.9842	0.9926	0.8174	0.9963	0.4025
19.1	0.9125	0.8506	0.9923	0.9788	0.9922	0.7989	0.9973	0.3247
19.2	0.9092	0.8556	0.9904	0.9717	0.9911	0.7835	0.9967	0.2505
19.3	0.9333	0.9026	0.9897	0.9716	0.9924	0.8092	0.9966	0.0822
19.4	0.9475	0.9230	0.9893	0.9742	0.9905	0.8382	0.9959	0.0415
19.5	0.9502	0.9408	0.9939	0.9770	0.9897	0.7759	0.9948	0.0845
19.6	0.9720	0.9636	0.9962	0.9794	0.9933	0.6784	0.9962	0.6049
19.7	0.9547	0.9387	0.9932	0.9700	0.9910	0.3103	0.9958	0.7302
19.8	0.9414	0.9483	0.9925	0.9575	0.9876	0.6751	0.9957	0.9106
19.9	0.9088	0.9242	0.9865	0.9430	0.9843	0.7971	0.9937	0.9263
20.0	0.8004	0.8847	0.9858	0.9443	0.9824	0.8841	0.9926	0.9341
20.1	0.7624	0.8978	0.9877	0.9694	0.9869	0.9184	0.9959	0.9444
20.2	0.7181	0.8818	0.9838	0.9767	0.9804	0.9466	0.9955	0.9543
20.3	0.4656	0.8091	0.9740	0.9747	0.9777	0.9409	0.9953	0.9514
20.4	0.4579	0.7426	0.9749	0.9754	0.9755	0.9392	0.9946	0.9504
20.5	0.3355	0.6184	0.9681	0.9680	0.9676	0.9272	0.9925	0.9416
20.6	0.2946	0.4692	0.9601	0.9563	0.9657	0.9286	0.9923	0.9347
20.7	0.3720	0.5217	0.9722	0.9664	0.9505	0.9187	0.9936	0.9355
20.8	0.4747	0.3381	0.9717	0.9600	0.9544	0.8728	0.9937	0.8774
20.9	0.3883	0.2329	0.9566	0.9568	0.9548	0.8666	0.9915	0.8640
21.0	0.4447	0.1344	0.9564	0.9570	0.9293	0.8902	0.9905	0.8853
21.1	0.3208	0.1532	0.9538	0.9444	0.9250	0.9020	0.9922	0.8966
21.2	0.3543	0.1172	0.9475	0.9331	0.9339	0.9021	0.9922	0.9066
21.3	0.3657	0.0475	0.9312	0.9064	0.9236	0.8798	0.9922	0.8750
21.4	0.4113	0.0102	0.9253	0.8933	0.9098	0.8511	0.9922	0.8194
21.5	0.5257	0.1379	0.9316	0.8722	0.9086	0.8338	0.9922	0.8147
21.6	0.5767	0.1862	0.9347	0.8626	0.8720	0.8493	0.9934	0.8270
21.7	0.5637	0.2552	0.9225	0.8243	0.8831	0.7831	0.9917	0.7856
21.8	0.4371	0.1043	0.9084	0.8197	0.8921	0.7469	0.9900	0.7452
21.9	0.2123	0.1717	0.8590	0.7791	0.8846	0.7858	0.9851	0.7762
22.0	0.2893	0.2666	0.9151	0.8758	0.9011	0.8488	0.9856	0.8513
22.1	0.2335	0.3606	0.9110	0.8888	0.8760	0.8839	0.9846	0.8914
22.2	0.0819	0.5637	0.9059	0.9369	0.8461	0.9208	0.9861	0.9360
22.3	0.3009	0.7051	0.8993	0.9496	0.7951	0.9333	0.9887	0.9450
22.4	0.2010	0.6330	0.8492	0.9391	0.7351	0.9116	0.9884	0.9174
22.5	0.3563	0.5483	0.7608	0.9219	0.6417	0.8952	0.9799	0.9107
22.6	0.5416	0.6225	0.7813	0.9444	0.5150	0.9045	0.9768	0.9236
22.7	0.6816	0.6665	0.8018	0.9448	0.4494	0.9104	0.9807	0.9249
22.8	0.7232	0.5850	0.8170	0.9223	0.3545	0.8905	0.9746	0.9026
22.9	0.7371	0.5669	0.8474	0.8991	0.1950	0.8631	0.9644	0.8726
23.0	0.7869	0.6292	0.9185	0.8861	0.1767	0.8172	0.9554	0.8223
23.1	0.7902	0.5754	0.9118	0.8505	0.2679	0.7974	0.9575	0.7677
23.2	0.8145	0.5582	0.9347	0.8803	0.1955	0.7303	0.9438	0.7172
23.3	0.8622	0.6619	0.9586	0.8884	0.1206	0.6104	0.9420	0.6278
23.4	0.8745	0.7058	0.9645	0.8423	0.0781	0.4681	0.9047	0.4795
23.5	0.9126	0.7037	0.9795	0.8517	0.1153	0.3735	0.8500	0.3292
23.6	0.9205	0.7338	0.9803	0.8677	0.2641	0.4301	0.8469	0.3215
23.7	0.8849	0.6803	0.9717	0.8361	0.2048	0.3802	0.7609	0.2242
23.8	0.8649	0.7505	0.9764	0.8846	0.4061	0.3957	0.7522	0.3045
23.9	0.8832	0.7955	0.9817	0.9447	0.4490	0.5023	0.8201	0.5519
24.0	0.8671	0.7659	0.9776	0.9525	0.3401	0.4766	0.7840	0.4702
24.1	0.7923	0.7211	0.9727	0.9594	0.3958	0.6177	0.8367	0.6229
24.2	0.7225	0.7198	0.9748	0.9674	0.4733	0.6651	0.8927	0.7039
24.3	0.7051	0.7282	0.9762	0.9680	0.5639	0.6257	0.8985	0.7360
24.4	0.7119	0.7575	0.9830	0.9786	0.5344	0.6758	0.9175	0.8158
24.5	0.6465	0.7530	0.9719	0.9760	0.5210	0.6919	0.9222	0.8546
24.6	0.6482	0.7633	0.9694	0.9792	0.5642	0.7957	0.9253	0.8963
24.7	0.7150	0.7693	0.9809	0.9837	0.6159	0.8431	0.9508	0.9122
24.8	0.6155	0.7464	0.9846	0.9807	0.7183	0.8661	0.9549	0.9256
24.9	0.5631	0.7644	0.9846	0.9843	0.7219	0.8262	0.9624	0.9018
25.0	0.4956	0.6887	0.9707	0.9802	0.6708	0.7735	0.9512	0.8180
25.1	0.4714	0.7643	0.9684	0.9833	0.6801	0.7637	0.9518	0.8353

25.2	0.6213	0.7822	0.9794	0.9861	0.7916	0.7917	0.9633	0.8415
25.3	0.6110	0.8130	0.9771	0.9843	0.7455	0.8042	0.9542	0.8215
25.4	0.5355	0.8067	0.9724	0.9821	0.6804	0.8446	0.9592	0.8859
25.5	0.5908	0.7922	0.9752	0.9827	0.7359	0.8420	0.9662	0.8906
25.6	0.6939	0.8545	0.9736	0.9841	0.7633	0.8880	0.9699	0.9121
25.7	0.8183	0.9085	0.9771	0.9865	0.6632	0.9228	0.9759	0.9401
25.8	0.8383	0.8698	0.9770	0.9863	0.5760	0.9243	0.9859	0.9445
25.9	0.8778	0.8321	0.9793	0.9822	0.6473	0.9442	0.9872	0.9566
26.0	0.9239	0.8807	0.9736	0.9812	0.5451	0.9374	0.9816	0.9529
26.1	0.9161	0.8991	0.9763	0.9788	0.5429	0.9261	0.9905	0.9371
26.2	0.9138	0.8677	0.9760	0.9746	0.5891	0.9073	0.9925	0.9079
26.3	0.9506	0.8973	0.9802	0.9697	0.5310	0.9192	0.9911	0.9208
26.4	0.9632	0.9297	0.9809	0.9697	0.4862	0.9423	0.9914	0.9594
26.5	0.9494	0.9062	0.9770	0.9489	0.5746	0.9313	0.9900	0.9397
26.6	0.9497	0.9099	0.9791	0.8984	0.4016	0.9317	0.9875	0.9335
26.7	0.9576	0.9187	0.9827	0.8054	0.2794	0.9398	0.9909	0.9340
26.8	0.9438	0.9008	0.9833	0.6476	0.1714	0.9182	0.9933	0.9078
26.9	0.9308	0.8772	0.9775	0.6299	0.2228	0.9305	0.9920	0.8926
27.0	0.9455	0.9238	0.9826	0.6521	0.3467	0.9354	0.9927	0.9222
27.1	0.9593	0.9381	0.9871	0.7124	0.3834	0.9419	0.9951	0.9434
27.2	0.9519	0.9440	0.9854	0.7646	0.4916	0.9451	0.9962	0.9557
27.3	0.9485	0.9396	0.9822	0.8537	0.5344	0.9331	0.9965	0.9436
27.4	0.9318	0.9148	0.9801	0.8623	0.5015	0.9064	0.9967	0.9222
27.5	0.9356	0.9354	0.9849	0.9013	0.5978	0.9299	0.9971	0.9410
27.6	0.9352	0.9416	0.9808	0.9140	0.6066	0.9394	0.9971	0.9505
27.7	0.9137	0.9407	0.9777	0.9385	0.6263	0.9201	0.9968	0.9389
27.8	0.9136	0.9397	0.9718	0.9505	0.6159	0.9110	0.9970	0.9336
27.9	0.9111	0.9498	0.9689	0.9665	0.6679	0.9153	0.9976	0.9395
28.0	0.8345	0.9346	0.9480	0.9660	0.6418	0.8726	0.9966	0.9098
28.1	0.7616	0.9152	0.9069	0.9695	0.6158	0.8261	0.9958	0.8791
28.2	0.7056	0.9254	0.8655	0.9805	0.6329	0.7496	0.9926	0.8780
28.3	0.6760	0.9401	0.8774	0.9821	0.7125	0.6683	0.9943	0.8828
28.4	0.6407	0.9454	0.9292	0.9845	0.6766	0.6569	0.9968	0.8829
28.5	0.5651	0.9467	0.9391	0.9867	0.6421	0.6821	0.9975	0.8876
28.6	0.5471	0.9327	0.9431	0.9874	0.6257	0.6045	0.9976	0.8887
28.7	0.6037	0.9086	0.9224	0.9812	0.6677	0.3890	0.9971	0.8678
28.8	0.6859	0.9323	0.9441	0.9831	0.6501	0.2801	0.9964	0.8681
28.9	0.7312	0.9367	0.9537	0.9829	0.6654	0.3869	0.9964	0.8711
29.0	0.8494	0.9291	0.9545	0.9862	0.6895	0.2435	0.9952	0.8594
29.1	0.8230	0.9429	0.9647	0.9898	0.6935	0.0860	0.9953	0.8795
29.2	0.7825	0.9405	0.9682	0.9881	0.7544	0.1896	0.9963	0.8735
29.3	0.8026	0.9351	0.9660	0.9888	0.7552	0.1757	0.9963	0.8072
29.4	0.7765	0.9338	0.9647	0.9876	0.7841	0.1378	0.9950	0.7685
29.5	0.7144	0.8716	0.9688	0.9870	0.7684	0.2170	0.9956	0.7949
29.6	0.7717	0.9040	0.9790	0.9865	0.8171	0.1719	0.9965	0.7864
29.7	0.7749	0.9228	0.9772	0.9862	0.8458	0.1952	0.9967	0.8150
29.8	0.7850	0.9097	0.9730	0.9850	0.8480	0.2311	0.9965	0.7826
29.9	0.6169	0.7674	0.9521	0.9728	0.8360	0.3559	0.9901	0.5865
30.0	0.6657	0.7845	0.9691	0.9836	0.8789	0.2976	0.9950	0.7353
30.1	0.5674	0.8242	0.9766	0.9881	0.8945	0.2685	0.9969	0.8190
30.2	0.5167	0.7400	0.9761	0.9862	0.8606	0.2288	0.9968	0.7728
30.3	0.5137	0.4821	0.9792	0.9859	0.8802	0.3103	0.9976	0.7522
30.4	0.7077	0.3407	0.9804	0.9870	0.9002	0.5017	0.9972	0.8172
30.5	0.8121	0.6848	0.9762	0.9843	0.9034	0.5104	0.9964	0.7788
30.6	0.8102	0.7982	0.9668	0.9826	0.8973	0.3117	0.9958	0.7654
30.7	0.7139	0.8259	0.9537	0.9810	0.8872	0.2343	0.9948	0.7808
30.8	0.7554	0.8700	0.9553	0.9818	0.8974	0.0631	0.9941	0.8485
30.9	0.8419	0.9148	0.9609	0.9887	0.8932	0.0709	0.9957	0.8527
31.0	0.8336	0.9056	0.9471	0.9833	0.9133	0.1750	0.9941	0.8750
31.1	0.8319	0.8864	0.9364	0.9791	0.8849	0.1258	0.9907	0.8581
31.2	0.9064	0.9000	0.9517	0.9830	0.8934	0.4550	0.9928	0.9121
31.3	0.9162	0.8381	0.9587	0.9808	0.9071	0.7392	0.9937	0.9218
31.4	0.8845	0.7476	0.9397	0.9720	0.8773	0.7031	0.9909	0.8894
31.5	0.9006	0.7777	0.9431	0.9607	0.8692	0.7570	0.9921	0.8779
31.6	0.8979	0.7439	0.9640	0.9673	0.8602	0.7892	0.9930	0.8653
31.7	0.9023	0.7479	0.9552	0.9723	0.8300	0.8020	0.9888	0.8956
31.8	0.8743	0.5703	0.9224	0.9468	0.7648	0.7590	0.9775	0.8319
31.9	0.9371	0.6681	0.9523	0.9608	0.8372	0.8963	0.9892	0.9084
32.0	0.9477	0.6747	0.9630	0.9703	0.8614	0.9326	0.9918	0.9414
32.1	0.9377	0.6035	0.9643	0.9562	0.8272	0.9216	0.9898	0.9260
32.2	0.9248	0.4604	0.9648	0.9224	0.7904	0.9273	0.9887	0.9122
32.3	0.9164	0.3322	0.9677	0.8967	0.7668	0.9232	0.9902	0.9078
32.4	0.9239	0.4341	0.9669	0.8350	0.7192	0.9188	0.9859	0.9082
32.5	0.9412	0.4852	0.9731	0.8524	0.7380	0.9297	0.9903	0.9134
32.6	0.9546	0.8072	0.9852	0.8688	0.8199	0.9521	0.9942	0.9463
32.7	0.9541	0.8416	0.9806	0.8485	0.7896	0.9360	0.9928	0.9171
32.8	0.9403	0.8483	0.9808	0.8674	0.8289	0.9282	0.9926	0.9069
32.9	0.9178	0.8826	0.9805	0.9098	0.8499	0.9312	0.9951	0.8938
33.0	0.8934	0.9295	0.9789	0.9494	0.8474	0.9157	0.9932	0.8926
33.1	0.8501	0.9536	0.9796	0.9670	0.8740	0.8826	0.9968	0.8888
33.2	0.6909	0.9488	0.9666	0.9693	0.8811	0.8242	0.9948	0.8681
33.3	0.3898	0.9257	0.9364	0.9705	0.8972	0.6712	0.9916	0.8034
33.4	0.6277	0.9594	0.9576	0.9819	0.9229	0.5302	0.9949	0.8689
33.5	0.8011	0.9467	0.9262	0.9759	0.9358	0.0862	0.9928	0.8227
33.6	0.9341	0.9680	0.9466	0.9886	0.9546	0.0405	0.9967	0.9158
33.7	0.9444	0.9508	0.9362	0.9831	0.9514	0.1760	0.9957	0.8992

33.8	0.9585	0.9443	0.9405	0.9848	0.9399	0.5136	0.9974	0.9102
33.9	0.9602	0.9361	0.9515	0.9831	0.9392	0.7213	0.9973	0.9166
34.0	0.9774	0.9056	0.9611	0.9796	0.9508	0.8017	0.9967	0.9136
34.1	0.9833	0.8822	0.9607	0.9769	0.9515	0.8498	0.9973	0.9155
34.2	0.9864	0.8222	0.9685	0.9773	0.9536	0.8973	0.9981	0.9243
34.3	0.9838	0.7839	0.9782	0.9791	0.9450	0.9104	0.9977	0.9298
34.4	0.9816	0.6859	0.9729	0.9654	0.9388	0.8690	0.9972	0.8706
34.5	0.9851	0.6539	0.9702	0.9623	0.9387	0.8923	0.9972	0.8757
34.6	0.9849	0.7512	0.9734	0.9617	0.9365	0.9068	0.9969	0.8872
34.7	0.9853	0.8386	0.9744	0.9646	0.9342	0.9057	0.9970	0.8888
34.8	0.9853	0.8710	0.9771	0.9676	0.9496	0.9124	0.9973	0.8921
34.9	0.9864	0.8825	0.9804	0.9647	0.9560	0.9053	0.9972	0.8792
35.0	0.9864	0.8963	0.9819	0.9621	0.9587	0.9312	0.9971	0.8960
35.1	0.9833	0.9039	0.9766	0.9544	0.9471	0.9104	0.9968	0.8565
35.2	0.9854	0.9141	0.9704	0.9529	0.9323	0.8893	0.9961	0.8362
35.3	0.9799	0.9035	0.9617	0.9341	0.9292	0.8826	0.9939	0.8167
35.4	0.9886	0.9533	0.9792	0.9536	0.9638	0.9221	0.9970	0.8734
35.5	0.9905	0.9557	0.9823	0.9493	0.9651	0.9229	0.9975	0.8799
35.6	0.9905	0.9634	0.9819	0.9512	0.9684	0.9066	0.9970	0.8633
35.7	0.9922	0.9671	0.9797	0.9479	0.9647	0.9022	0.9979	0.8438
35.8	0.9928	0.9662	0.9761	0.9418	0.9715	0.9024	0.9975	0.8380
35.9	0.9925	0.9786	0.9773	0.9404	0.9719	0.9153	0.9972	0.8540
36.0	0.9906	0.9744	0.9724	0.9273	0.9705	0.9079	0.9969	0.8594
36.1	0.9924	0.9674	0.9681	0.8948	0.9579	0.8702	0.9963	0.8498
36.2	0.9930	0.9716	0.9701	0.8800	0.9677	0.8481	0.9960	0.8250
36.3	0.9941	0.9780	0.9679	0.8710	0.9678	0.8594	0.9973	0.8139
36.4	0.9911	0.9690	0.9638	0.7946	0.9685	0.8615	0.9962	0.7723
36.5	0.9947	0.9818	0.9786	0.8446	0.9654	0.8721	0.9967	0.8100
36.6	0.9945	0.9872	0.9776	0.8714	0.9577	0.8616	0.9971	0.8121
36.7	0.9941	0.9891	0.9637	0.8748	0.9609	0.8238	0.9975	0.7273
36.8	0.9937	0.9900	0.9642	0.8671	0.9651	0.8186	0.9978	0.7001
36.9	0.9944	0.9880	0.9531	0.8790	0.9643	0.8112	0.9959	0.6347
37.0	0.9967	0.9931	0.9551	0.9335	0.9732	0.8462	0.9973	0.4612
37.1	0.9938	0.9924	0.9500	0.9457	0.9694	0.7965	0.9969	0.3128
37.2	0.9927	0.9921	0.9643	0.9580	0.9729	0.7989	0.9969	0.3287
37.3	0.9897	0.9908	0.9585	0.9506	0.9738	0.8054	0.9961	0.3824
37.4	0.9901	0.9904	0.9459	0.9454	0.9733	0.7688	0.9965	0.3837
37.5	0.9890	0.9896	0.9272	0.9288	0.9764	0.7638	0.9951	0.3618
37.6	0.9884	0.9895	0.9126	0.9247	0.9767	0.7711	0.9966	0.3928
37.7	0.9889	0.9907	0.8889	0.9475	0.9717	0.6589	0.9972	0.5388
37.8	0.9886	0.9884	0.8265	0.9552	0.9719	0.5415	0.9974	0.6042
37.9	0.9800	0.9802	0.5802	0.9422	0.9731	0.3506	0.9964	0.6539
38.0	0.9857	0.9846	0.5487	0.9653	0.9766	0.3998	0.9962	0.8502
38.1	0.9846	0.9811	0.6879	0.9556	0.9765	0.4991	0.9960	0.8563
38.2	0.9888	0.9907	0.8606	0.9663	0.9783	0.7059	0.9978	0.8820
38.3	0.9871	0.9866	0.8920	0.9605	0.9686	0.7978	0.9974	0.9012
38.4	0.9861	0.9882	0.9358	0.9553	0.9762	0.8180	0.9964	0.8999
38.5	0.9841	0.9877	0.9190	0.9126	0.9799	0.7680	0.9966	0.8244
38.6	0.9769	0.9863	0.9369	0.9130	0.9763	0.7390	0.9960	0.8074
38.7	0.9770	0.9873	0.9509	0.9190	0.9786	0.7613	0.9972	0.8136
38.8	0.9802	0.9895	0.9503	0.9115	0.9851	0.7791	0.9971	0.8274
38.9	0.9845	0.9900	0.9536	0.8979	0.9894	0.8022	0.9972	0.8470
39.0	0.9713	0.9867	0.9565	0.8760	0.9875	0.7873	0.9965	0.8367
39.1	0.9745	0.9869	0.9637	0.8517	0.9887	0.7932	0.9967	0.8395
39.2	0.9606	0.9854	0.9649	0.8708	0.9857	0.8038	0.9958	0.8532
39.3	0.9486	0.9860	0.9746	0.8866	0.9837	0.8544	0.9967	0.8980
39.4	0.9078	0.9819	0.9566	0.8585	0.9787	0.7874	0.9959	0.8400
39.5	0.9022	0.9876	0.9649	0.8134	0.9809	0.8315	0.9955	0.8735
39.6	0.8723	0.9820	0.9659	0.7735	0.9840	0.8704	0.9947	0.9032
39.7	0.8803	0.9769	0.9563	0.7299	0.9771	0.7746	0.9942	0.8221
39.8	0.8908	0.9809	0.9468	0.7661	0.9746	0.7684	0.9949	0.8008
39.9	0.8544	0.9712	0.9493	0.7202	0.9775	0.8058	0.9945	0.8228
40.0	0.8877	0.9721	0.9652	0.7928	0.9799	0.8288	0.9951	0.8507
40.1	0.8771	0.9761	0.9655	0.8037	0.9795	0.8440	0.9949	0.8674
40.2	0.8963	0.9823	0.9671	0.8362	0.9779	0.8860	0.9944	0.8961
40.3	0.9250	0.9789	0.9737	0.8834	0.9707	0.8890	0.9952	0.9118
40.4	0.9345	0.9723	0.9726	0.8503	0.9715	0.8716	0.9944	0.8972
40.5	0.9508	0.9721	0.9702	0.8904	0.9671	0.8893	0.9954	0.8926
40.6	0.9578	0.9730	0.9670	0.9158	0.9620	0.8917	0.9958	0.8612
40.7	0.9552	0.9711	0.9623	0.9259	0.9568	0.8625	0.9930	0.8317
40.8	0.9689	0.9693	0.9706	0.9328	0.9666	0.8859	0.9949	0.8819
40.9	0.9656	0.9583	0.9687	0.9376	0.9643	0.9059	0.9965	0.8691
41.0	0.9501	0.9014	0.9515	0.9378	0.9494	0.8813	0.9954	0.8128
41.1	0.9663	0.8860	0.9428	0.9548	0.9495	0.8660	0.9932	0.7747
41.2	0.9756	0.8875	0.9269	0.9671	0.9533	0.8988	0.9946	0.8103
41.3	0.9753	0.8291	0.9241	0.9744	0.9412	0.8878	0.9940	0.8052
41.4	0.9608	0.6693	0.8999	0.9731	0.9371	0.8769	0.9925	0.7679
41.5	0.9746	0.7259	0.8423	0.9756	0.9298	0.8887	0.9930	0.7516
41.6	0.9827	0.8802	0.7345	0.9806	0.9215	0.8992	0.9924	0.7504
41.7	0.9762	0.9042	0.3924	0.9756	0.9128	0.9060	0.9918	0.7285
41.8	0.9772	0.9354	0.0152	0.9737	0.8929	0.9133	0.9878	0.7754
41.9	0.9861	0.9436	0.2272	0.9758	0.8892	0.9119	0.9911	0.8028
42.0	0.9844	0.9485	0.1461	0.9809	0.9060	0.8965	0.9927	0.8115
42.1	0.9866	0.9422	0.1678	0.9847	0.9090	0.8781	0.9930	0.7757
42.2	0.9806	0.9451	0.6329	0.9843	0.9113	0.8803	0.9922	0.7629
42.3	0.9819	0.9435	0.7596	0.9798	0.8767	0.8786	0.9926	0.7851

42.4	0.9822	0.9371	0.8050	0.9758	0.8450	0.8207	0.9903	0.7537
42.5	0.9849	0.9524	0.8782	0.9820	0.8391	0.8523	0.9872	0.8024
42.6	0.9840	0.9624	0.9130	0.9782	0.8203	0.8828	0.9889	0.8322
42.7	0.9882	0.9740	0.9397	0.9835	0.8122	0.9059	0.9828	0.8701
42.8	0.9828	0.9681	0.9319	0.9823	0.8266	0.8810	0.9803	0.8501
42.9	0.9765	0.9640	0.9373	0.9810	0.8289	0.8901	0.9861	0.8864
43.0	0.9693	0.9563	0.9377	0.9763	0.8019	0.8924	0.9870	0.8861
43.1	0.9725	0.9707	0.9576	0.9816	0.8600	0.9201	0.9866	0.9158
43.2	0.9849	0.9622	0.9688	0.9838	0.7947	0.9234	0.9897	0.9280
43.3	0.9847	0.9456	0.9769	0.9829	0.7944	0.9261	0.9847	0.9313
43.4	0.9764	0.9185	0.9673	0.9797	0.7527	0.9150	0.9774	0.9203
43.5	0.9635	0.9270	0.9456	0.9743	0.7862	0.8945	0.9760	0.8987
43.6	0.9566	0.9122	0.9255	0.9604	0.7451	0.8679	0.9765	0.8711
43.7	0.9672	0.9382	0.9446	0.9655	0.6401	0.8801	0.9813	0.8922
43.8	0.9668	0.9334	0.9374	0.9647	0.6709	0.8599	0.9769	0.8764
43.9	0.9637	0.9396	0.9421	0.9673	0.6596	0.8937	0.9719	0.8952
44.0	0.9394	0.9197	0.9092	0.9478	0.5459	0.8807	0.9611	0.8640
44.1	0.9207	0.9159	0.9107	0.9413	0.5103	0.8426	0.9535	0.8485
44.2	0.8993	0.9050	0.8782	0.9202	0.6329	0.8041	0.9521	0.8117
44.3	0.8987	0.9219	0.8946	0.9183	0.6317	0.8082	0.9480	0.8506
44.4	0.9034	0.9369	0.9258	0.9303	0.7147	0.8479	0.9428	0.8795
44.5	0.9140	0.9398	0.9317	0.9326	0.6280	0.8562	0.9516	0.8837
44.6	0.8699	0.8952	0.8809	0.8869	0.5106	0.8010	0.8975	0.8222
44.7	0.8941	0.9185	0.9113	0.9045	0.6436	0.8524	0.8796	0.8608
44.8	0.8967	0.9307	0.9205	0.9053	0.6112	0.8686	0.8767	0.8718
44.9	0.7731	0.8879	0.8450	0.8263	0.6087	0.7957	0.7993	0.7867
45.0	0.7652	0.8735	0.8115	0.8093	0.5495	0.7700	0.7750	0.7624
45.1	0.7922	0.8593	0.8090	0.8120	0.5408	0.7607	0.7721	0.7444
45.2	0.8139	0.8672	0.8222	0.8286	0.6282	0.7787	0.7453	0.7651
45.3	0.7513	0.8007	0.7478	0.7550	0.5851	0.7104	0.6798	0.7025
45.4	0.7489	0.7568	0.7431	0.7247	0.6256	0.6698	0.5669	0.6680
45.5	0.7919	0.8113	0.8013	0.7704	0.7223	0.7255	0.5772	0.7292
45.6	0.7654	0.7812	0.7725	0.7304	0.7375	0.7074	0.5176	0.7040
45.7	0.7229	0.7584	0.7538	0.6806	0.7664	0.6815	0.4337	0.6835
45.8	0.7663	0.7688	0.7816	0.7273	0.7669	0.7074	0.3901	0.7027
45.9	0.8249	0.8277	0.8292	0.8035	0.7491	0.7691	0.2920	0.7687
46.0	0.8578	0.8683	0.8696	0.8446	0.7323	0.8480	0.2950	0.8402
46.1	0.7979	0.8147	0.8260	0.7709	0.7539	0.7670	0.1641	0.7748
46.2	0.7868	0.8045	0.8184	0.7467	0.7829	0.7617	0.1206	0.7732
46.3	0.6892	0.7299	0.7455	0.6405	0.7669	0.6809	0.1103	0.6711
46.4	0.7292	0.7757	0.7810	0.7006	0.7776	0.7417	0.3080	0.7273
46.5	0.7687	0.8038	0.8210	0.7369	0.7557	0.7823	0.4746	0.7689
46.6	0.8001	0.8234	0.8419	0.7556	0.7541	0.7962	0.5915	0.7887
46.7	0.8172	0.8296	0.8537	0.7659	0.7771	0.8015	0.7658	0.7934
46.8	0.8275	0.8351	0.8624	0.7721	0.7432	0.7796	0.8240	0.7956
46.9	0.8561	0.8626	0.8864	0.8067	0.8136	0.8066	0.8890	0.8271
47.0	0.8290	0.8498	0.8702	0.7798	0.8197	0.7940	0.8585	0.8065
47.1	0.8293	0.8499	0.8718	0.7820	0.7693	0.7920	0.7892	0.8091
47.2	0.8664	0.8871	0.9060	0.8196	0.7750	0.8399	0.8016	0.8469
47.3	0.8517	0.8778	0.8928	0.7973	0.7723	0.8305	0.7999	0.8179
47.4	0.7869	0.8186	0.8384	0.7052	0.7754	0.7508	0.6920	0.7203
47.5	0.6686	0.7174	0.7550	0.5659	0.7575	0.6276	0.6532	0.5960
47.6	0.8009	0.8355	0.8600	0.7567	0.6865	0.7848	0.7467	0.7744
47.7	0.7747	0.8013	0.8333	0.7184	0.7143	0.7580	0.7727	0.7352
47.8	0.8514	0.8650	0.8845	0.8075	0.7217	0.8225	0.7725	0.8171
47.9	0.8921	0.8985	0.9113	0.8504	0.7897	0.8485	0.7103	0.8471
48.0	0.9031	0.9145	0.9231	0.8702	0.8130	0.8763	0.6286	0.8665
48.1	0.8661	0.8849	0.9040	0.8229	0.8181	0.8431	0.5487	0.8195
48.2	0.8239	0.8405	0.8710	0.7505	0.8327	0.7825	0.4731	0.7497
48.3	0.8500	0.8574	0.8883	0.7943	0.7290	0.8114	0.3798	0.7871
48.4	0.8759	0.8736	0.9023	0.8136	0.6775	0.8259	0.3347	0.7977
48.5	0.8642	0.8692	0.8972	0.7816	0.8248	0.8023	0.3068	0.7628
48.6	0.8898	0.9127	0.9310	0.8571	0.7649	0.8793	0.3331	0.8548
48.7	0.8924	0.9264	0.9428	0.8877	0.7468	0.9199	0.4521	0.8964
48.8	0.8764	0.9154	0.9326	0.8737	0.8292	0.8922	0.4426	0.8699
48.9	0.8067	0.8611	0.8831	0.7886	0.8229	0.8134	0.3446	0.7696
49.0	0.8061	0.8735	0.8890	0.7831	0.8308	0.8344	0.3152	0.7653
49.1	0.8338	0.8856	0.9007	0.7844	0.8500	0.8362	0.2122	0.7575
49.2	0.8756	0.9288	0.9438	0.8599	0.8040	0.8828	0.1961	0.8472
49.3	0.7293	0.9109	0.9393	0.8486	0.8364	0.9367	0.2238	0.9023
49.4	0.3281	0.6550	0.7898	0.5699	0.8318	0.8389	0.2078	0.7399
49.5	0.4008	0.6975	0.7900	0.5644	0.7746	0.7575	0.2398	0.6189
49.6	0.4580	0.6921	0.7163	0.3942	0.7046	0.6608	0.2317	0.4640
49.7	0.5225	0.7591	0.7827	0.4676	0.4553	0.7044	0.2455	0.5799
49.8	0.7163	0.8788	0.8979	0.7378	0.3780	0.8111	0.2876	0.7311
49.9	0.8312	0.9231	0.9095	0.7717	0.5176	0.8870	0.3653	0.8575
50.0	0.7118	0.8655	0.8333	0.5790	0.6741	0.8251	0.3495	0.7055
50.1	0.7552	0.8913	0.8778	0.6572	0.7344	0.8591	0.4518	0.7431
50.2	0.6559	0.8277	0.8325	0.5741	0.7538	0.7724	0.2736	0.6141
50.3	0.6830	0.8364	0.8366	0.6306	0.7730	0.8220	0.2569	0.6837
50.4	0.7676	0.8907	0.8736	0.7530	0.7726	0.8974	0.3591	0.7769
50.5	0.8830	0.9594	0.9497	0.8827	0.7729	0.9741	0.6300	0.9086
50.6	0.8059	0.9067	0.9152	0.7967	0.6498	0.9127	0.5168	0.8024
50.7	0.7667	0.8846	0.8934	0.7213	0.7671	0.8699	0.4944	0.7299
50.8	0.8264	0.9195	0.9224	0.7806	0.8227	0.8992	0.5090	0.7878
50.9	0.6918	0.8540	0.8559	0.6212	0.8212	0.8120	0.4197	0.6488

51.0	0.6646	0.8382	0.8278	0.5802	0.7043	0.7839	0.3718	0.5920
51.1	0.7533	0.9471	0.9377	0.8063	0.6017	0.9351	0.5515	0.7879
51.2	0.7110	0.8951	0.8760	0.6924	0.7063	0.8839	0.4253	0.7309
51.3	0.7610	0.9084	0.8872	0.7379	0.7880	0.8947	0.4274	0.7636
51.4	0.7706	0.9114	0.8923	0.7323	0.7748	0.8920	0.4594	0.7480
51.5	0.8066	0.9470	0.9265	0.8027	0.7879	0.9402	0.5837	0.8241
51.6	0.8937	0.9671	0.9606	0.8756	0.7575	0.9615	0.5034	0.8961
51.7	0.9019	0.9634	0.9626	0.9036	0.7376	0.9650	0.6325	0.9074
51.8	0.9183	0.9742	0.9711	0.9186	0.7578	0.9811	0.6553	0.9243
51.9	0.9020	0.9739	0.9684	0.9031	0.7618	0.9738	0.5736	0.9038
52.0	0.9313	0.9762	0.9722	0.9148	0.7822	0.9761	0.5234	0.9146
52.1	0.9170	0.9717	0.9658	0.8940	0.8307	0.9700	0.6539	0.8992
52.2	0.8776	0.9530	0.9441	0.8512	0.7979	0.9561	0.6854	0.8683
52.3	0.9254	0.9706	0.9634	0.9152	0.8003	0.9771	0.6437	0.9209
52.4	0.8650	0.9535	0.9410	0.8433	0.7928	0.9580	0.4983	0.8724
52.5	0.9035	0.9629	0.9547	0.8812	0.7469	0.9673	0.5915	0.9044
52.6	0.9412	0.9736	0.9685	0.9303	0.7597	0.9784	0.7468	0.9249
52.7	0.9043	0.9609	0.9514	0.9047	0.7383	0.9738	0.8140	0.8991
52.8	0.8893	0.9577	0.9469	0.8728	0.8002	0.9715	0.8259	0.8852
52.9	0.8866	0.9436	0.9384	0.8439	0.8154	0.9522	0.7250	0.8680
53.0	0.9702	0.9823	0.9815	0.9543	0.8445	0.9875	0.8509	0.9511
53.1	0.9290	0.9563	0.9564	0.9041	0.7887	0.9710	0.8214	0.9137
53.2	0.9510	0.9703	0.9686	0.9360	0.7668	0.9809	0.8219	0.9404
53.3	0.9457	0.9635	0.9635	0.9338	0.7620	0.9791	0.7594	0.9211
53.4	0.9338	0.9553	0.9511	0.9228	0.8595	0.9721	0.8260	0.8931
53.5	0.9337	0.9598	0.9529	0.9202	0.8712	0.9724	0.7959	0.8900
53.6	0.9561	0.9769	0.9696	0.9530	0.8639	0.9861	0.7358	0.9346
53.7	0.9434	0.9686	0.9635	0.9419	0.8319	0.9876	0.6577	0.9346
53.8	0.9085	0.9599	0.9538	0.8923	0.8718	0.9783	0.8272	0.8984
53.9	0.9126	0.9561	0.9493	0.8899	0.8968	0.9766	0.8036	0.8978
54.0	0.9417	0.9705	0.9688	0.9299	0.7985	0.9865	0.7922	0.9192
54.1	0.9219	0.9668	0.9610	0.9199	0.7753	0.9882	0.8409	0.9108
54.2	0.9016	0.9649	0.9516	0.9009	0.8277	0.9903	0.8787	0.9372
54.3	0.9411	0.9682	0.9635	0.9326	0.8135	0.9885	0.8742	0.9523
54.4	0.9549	0.9698	0.9685	0.9452	0.8250	0.9867	0.8781	0.9444
54.5	0.9551	0.9691	0.9682	0.9477	0.7805	0.9910	0.8696	0.9484
54.6	0.9651	0.9743	0.9734	0.9652	0.8029	0.9907	0.8480	0.9650
54.7	0.9718	0.9815	0.9782	0.9687	0.8757	0.9943	0.8266	0.9662
54.8	0.9631	0.9745	0.9718	0.9557	0.8766	0.9891	0.8504	0.9605
54.9	0.9689	0.9767	0.9751	0.9651	0.8752	0.9895	0.8946	0.9690
55.0	0.9750	0.9823	0.9813	0.9729	0.8789	0.9919	0.8748	0.9699
55.1	0.9872	0.9876	0.9876	0.9829	0.8986	0.9949	0.8447	0.9773
55.2	0.9818	0.9821	0.9805	0.9779	0.8873	0.9934	0.8375	0.9721
55.3	0.9791	0.9812	0.9813	0.9735	0.8797	0.9926	0.8579	0.9725
55.4	0.9735	0.9770	0.9776	0.9679	0.8609	0.9908	0.8368	0.9669
55.5	0.9693	0.9744	0.9748	0.9683	0.8323	0.9913	0.7895	0.9697
55.6	0.9783	0.9798	0.9802	0.9748	0.8920	0.9929	0.8262	0.9679
55.7	0.9868	0.9835	0.9836	0.9827	0.9021	0.9943	0.8492	0.9760
55.8	0.9791	0.9758	0.9776	0.9743	0.8789	0.9907	0.8314	0.9687
55.9	0.9732	0.9731	0.9739	0.9744	0.8416	0.9916	0.7550	0.9655
56.0	0.9731	0.9748	0.9737	0.9715	0.8535	0.9930	0.8288	0.9683
56.1	0.9715	0.9723	0.9737	0.9675	0.8199	0.9950	0.7546	0.9700
56.2	0.9851	0.9834	0.9863	0.9833	0.8320	0.9941	0.8174	0.9757
56.3	0.9847	0.9846	0.9853	0.9816	0.8106	0.9939	0.8200	0.9801
56.4	0.9783	0.9807	0.9821	0.9766	0.8248	0.9927	0.7776	0.9679
56.5	0.9713	0.9715	0.9717	0.9686	0.8441	0.9892	0.7763	0.9658
56.6	0.9839	0.9833	0.9842	0.9831	0.8686	0.9931	0.8454	0.9787
56.7	0.9888	0.9879	0.9876	0.9866	0.8713	0.9942	0.8440	0.9822
56.8	0.9880	0.9850	0.9831	0.9843	0.7959	0.9934	0.7897	0.9771
56.9	0.9854	0.9827	0.9824	0.9808	0.7838	0.9936	0.7969	0.9754
57.0	0.9829	0.9822	0.9824	0.9799	0.7975	0.9927	0.8208	0.9746
57.1	0.9825	0.9826	0.9802	0.9790	0.8055	0.9927	0.8465	0.9696
57.2	0.9712	0.9753	0.9703	0.9688	0.7829	0.9911	0.8563	0.9687
57.3	0.9694	0.9727	0.9712	0.9670	0.7108	0.9861	0.8515	0.9619
57.4	0.9811	0.9811	0.9788	0.9788	0.7712	0.9904	0.9003	0.9754
57.5	0.9781	0.9773	0.9764	0.9746	0.7106	0.9883	0.8382	0.9623
57.6	0.9799	0.9799	0.9791	0.9801	0.7270	0.9902	0.8741	0.9679
57.7	0.9836	0.9851	0.9812	0.9855	0.7253	0.9918	0.9024	0.9690
57.8	0.9880	0.9890	0.9872	0.9871	0.7060	0.9937	0.9041	0.9746
57.9	0.9872	0.9881	0.9883	0.9859	0.6574	0.9940	0.8941	0.9796
58.0	0.9868	0.9859	0.9862	0.9853	0.6189	0.9931	0.8888	0.9786
58.1	0.9858	0.9841	0.9830	0.9847	0.6780	0.9908	0.9217	0.9740
58.2	0.9867	0.9865	0.9836	0.9862	0.6356	0.9918	0.9333	0.9705
58.3	0.9884	0.9859	0.9872	0.9865	0.6511	0.9932	0.9522	0.9731
58.4	0.9843	0.9820	0.9822	0.9848	0.6438	0.9913	0.9454	0.9694
58.5	0.9787	0.9802	0.9761	0.9810	0.5940	0.9889	0.9293	0.9653
58.6	0.9817	0.9822	0.9791	0.9814	0.6347	0.9897	0.9388	0.9713
58.7	0.9841	0.9812	0.9816	0.9835	0.6881	0.9901	0.9463	0.9714
58.8	0.9816	0.9827	0.9801	0.9840	0.6829	0.9885	0.9426	0.9758
58.9	0.9846	0.9866	0.9817	0.9868	0.7309	0.9910	0.9581	0.9703
59.0	0.9832	0.9825	0.9784	0.9840	0.7077	0.9893	0.9523	0.9697
59.1	0.9880	0.9876	0.9854	0.9883	0.8288	0.9911	0.9699	0.9799
59.2	0.9851	0.9850	0.9813	0.9847	0.8620	0.9874	0.9678	0.9733
59.3	0.9841	0.9842	0.9792	0.9839	0.8719	0.9888	0.9609	0.9690
59.4	0.9839	0.9840	0.9806	0.9841	0.9037	0.9894	0.9682	0.9704
59.5	0.9848	0.9841	0.9808	0.9853	0.9081	0.9891	0.9721	0.9732

59.6	0.9886	0.9879	0.9839	0.9886	0.9367	0.9924	0.9790	0.9764
59.7	0.9870	0.9870	0.9831	0.9873	0.9264	0.9917	0.9789	0.9740
59.8	0.9847	0.9835	0.9785	0.9855	0.9316	0.9879	0.9742	0.9694
59.9	0.9504	0.9356	0.8816	0.9005	0.5115	0.7232	0.9511	0.5025
60.0	0.9073	0.8677	0.7598	0.7716	0.1224	0.3227	0.8960	0.1155
60.1	0.9672	0.9540	0.9164	0.9290	0.5258	0.7179	0.9658	0.4801
60.2	0.9805	0.9771	0.9714	0.9826	0.9529	0.9857	0.9709	0.9694
60.3	0.9806	0.9779	0.9753	0.9830	0.9488	0.9850	0.9716	0.9733
60.4	0.9811	0.9796	0.9759	0.9829	0.9561	0.9842	0.9725	0.9797
60.5	0.9835	0.9828	0.9790	0.9850	0.9500	0.9873	0.9710	0.9812
60.6	0.9848	0.9822	0.9770	0.9847	0.9499	0.9875	0.9633	0.9811
60.7	0.9807	0.9788	0.9702	0.9817	0.9561	0.9849	0.9623	0.9757
60.8	0.9785	0.9764	0.9705	0.9801	0.9591	0.9829	0.9678	0.9728
60.9	0.9817	0.9780	0.9735	0.9825	0.9635	0.9830	0.9665	0.9760
61.0	0.9831	0.9802	0.9736	0.9853	0.9643	0.9850	0.9507	0.9748
61.1	0.9777	0.9760	0.9672	0.9812	0.9497	0.9801	0.9286	0.9750
61.2	0.9721	0.9710	0.9575	0.9779	0.9423	0.9764	0.9303	0.9729
61.3	0.9749	0.9708	0.9623	0.9792	0.9455	0.9757	0.9155	0.9721
61.4	0.9747	0.9698	0.9612	0.9791	0.9230	0.9742	0.8600	0.9721
61.5	0.9777	0.9708	0.9608	0.9804	0.9406	0.9744	0.8635	0.9759
61.6	0.9781	0.9699	0.9624	0.9794	0.9478	0.9736	0.8828	0.9758
61.7	0.9701	0.9639	0.9524	0.9733	0.9146	0.9682	0.8237	0.9691
61.8	0.9762	0.9720	0.9640	0.9790	0.9358	0.9741	0.8115	0.9750
61.9	0.9795	0.9743	0.9695	0.9825	0.9428	0.9778	0.8289	0.9740
62.0	0.9826	0.9781	0.9708	0.9836	0.9572	0.9769	0.8572	0.9791
62.1	0.9792	0.9752	0.9646	0.9824	0.9490	0.9739	0.8715	0.9767
62.2	0.9820	0.9776	0.9691	0.9836	0.9468	0.9771	0.8797	0.9821
62.3	0.9835	0.9810	0.9731	0.9859	0.9465	0.9795	0.8745	0.9852
62.4	0.9845	0.9797	0.9719	0.9863	0.9422	0.9787	0.8566	0.9802
62.5	0.9806	0.9773	0.9622	0.9827	0.9453	0.9758	0.8524	0.9790
62.6	0.9826	0.9837	0.9707	0.9860	0.9518	0.9806	0.8869	0.9819
62.7	0.9863	0.9858	0.9755	0.9868	0.9418	0.9839	0.8899	0.9802
62.8	0.9819	0.9815	0.9696	0.9851	0.9268	0.9790	0.8522	0.9771
62.9	0.9848	0.9867	0.9782	0.9898	0.9509	0.9849	0.8617	0.9805
63.0	0.9886	0.9895	0.9809	0.9920	0.9549	0.9878	0.8881	0.9866
63.1	0.9875	0.9870	0.9753	0.9897	0.9191	0.9831	0.8509	0.9852
63.2	0.9876	0.9890	0.9783	0.9902	0.9252	0.9861	0.8027	0.9885
63.3	0.9895	0.9918	0.9837	0.9924	0.9388	0.9891	0.8382	0.9893
63.4	0.9865	0.9897	0.9779	0.9903	0.9417	0.9875	0.8480	0.9886
63.5	0.9816	0.9882	0.9736	0.9886	0.9410	0.9826	0.8518	0.9838
63.6	0.9901	0.9935	0.9838	0.9935	0.9456	0.9901	0.8902	0.9893
63.7	0.9928	0.9945	0.9876	0.9941	0.9369	0.9913	0.8502	0.9918
63.8	0.9872	0.9915	0.9829	0.9905	0.9136	0.9861	0.7874	0.9849
63.9	0.9828	0.9881	0.9746	0.9852	0.8754	0.9826	0.7423	0.9729
64.0	0.9898	0.9923	0.9823	0.9916	0.8902	0.9874	0.7963	0.9796
64.1	0.9918	0.9950	0.9877	0.9945	0.9269	0.9919	0.8502	0.9867
64.2	0.9928	0.9947	0.9873	0.9921	0.9026	0.9915	0.8295	0.9878
64.3	0.9915	0.9937	0.9849	0.9925	0.8818	0.9913	0.7798	0.9865
64.4	0.9906	0.9935	0.9833	0.9931	0.8746	0.9901	0.7897	0.9839
64.5	0.9870	0.9931	0.9814	0.9913	0.8412	0.9885	0.7980	0.9809
64.6	0.9877	0.9943	0.9869	0.9891	0.8126	0.9886	0.8247	0.9821
64.7	0.9883	0.9929	0.9861	0.9887	0.8267	0.9867	0.7728	0.9795
64.8	0.9910	0.9952	0.9884	0.9934	0.8716	0.9915	0.7946	0.9845
64.9	0.9904	0.9953	0.9887	0.9932	0.8540	0.9916	0.8295	0.9850
65.0	0.9896	0.9950	0.9879	0.9928	0.8661	0.9900	0.8384	0.9865
65.1	0.9848	0.9927	0.9793	0.9873	0.7956	0.9847	0.7479	0.9772
65.2	0.9860	0.9926	0.9822	0.9903	0.7313	0.9828	0.7600	0.9790
65.3	0.9896	0.9949	0.9898	0.9930	0.7631	0.9892	0.7983	0.9832
65.4	0.9903	0.9943	0.9900	0.9941	0.8123	0.9896	0.8304	0.9814
65.5	0.9887	0.9936	0.9909	0.9937	0.7914	0.9879	0.8261	0.9763
65.6	0.9870	0.9946	0.9905	0.9910	0.6797	0.9860	0.7276	0.9705
65.7	0.9852	0.9924	0.9862	0.9892	0.7011	0.9825	0.7363	0.9677
65.8	0.9835	0.9905	0.9866	0.9891	0.7047	0.9796	0.7434	0.9724
65.9	0.9859	0.9904	0.9831	0.9885	0.7063	0.9839	0.7448	0.9742
66.0	0.9860	0.9922	0.9852	0.9888	0.7363	0.9857	0.8143	0.9699
66.1	0.9876	0.9925	0.9866	0.9924	0.7859	0.9893	0.8455	0.9740
66.2	0.9899	0.9940	0.9887	0.9930	0.7714	0.9882	0.8422	0.9766
66.3	0.9859	0.9907	0.9874	0.9894	0.7856	0.9841	0.7923	0.9621
66.4	0.9885	0.9917	0.9858	0.9922	0.6967	0.9869	0.7767	0.9649
66.5	0.9859	0.9929	0.9843	0.9885	0.6642	0.9864	0.7833	0.9594
66.6	0.9836	0.9923	0.9826	0.9884	0.6994	0.9856	0.7930	0.9499
66.7	0.9856	0.9924	0.9836	0.9896	0.8099	0.9875	0.8295	0.9576
66.8	0.9845	0.9924	0.9864	0.9879	0.8255	0.9881	0.8175	0.9640
66.9	0.9793	0.9886	0.9794	0.9853	0.7346	0.9842	0.7788	0.9592
67.0	0.9838	0.9911	0.9852	0.9890	0.7621	0.9871	0.8551	0.9692
67.1	0.9826	0.9898	0.9846	0.9862	0.7317	0.9835	0.8074	0.9649
67.2	0.9699	0.9849	0.9733	0.9792	0.6422	0.9758	0.7425	0.9294
67.3	0.9762	0.9877	0.9791	0.9825	0.6590	0.9801	0.7801	0.9396
67.4	0.9779	0.9874	0.9768	0.9808	0.7616	0.9819	0.8427	0.9411
67.5	0.9806	0.9890	0.9828	0.9805	0.7891	0.9844	0.8447	0.9496
67.6	0.9711	0.9843	0.9789	0.9742	0.7423	0.9771	0.8002	0.9352
67.7	0.9681	0.9825	0.9742	0.9744	0.7305	0.9763	0.7845	0.9283
67.8	0.9737	0.9802	0.9746	0.9771	0.7473	0.9816	0.8284	0.9400
67.9	0.9708	0.9805	0.9740	0.9762	0.7714	0.9794	0.8334	0.9400
68.0	0.9629	0.9777	0.9694	0.9735	0.7828	0.9780	0.7936	0.9190
68.1	0.9586	0.9721	0.9655	0.9704	0.8018	0.9779	0.8054	0.9060

68.2	0.9606	0.9683	0.9622	0.9678	0.7660	0.9761	0.7833	0.9021
68.3	0.9676	0.9771	0.9716	0.9728	0.8296	0.9793	0.8317	0.9258
68.4	0.9623	0.9675	0.9659	0.9652	0.8374	0.9748	0.8083	0.9102
68.5	0.9588	0.9672	0.9641	0.9657	0.7972	0.9742	0.7789	0.9153
68.6	0.9584	0.9636	0.9620	0.9637	0.8256	0.9752	0.7990	0.9161
68.7	0.9623	0.9608	0.9659	0.9619	0.8269	0.9752	0.8037	0.9079
68.8	0.9631	0.9550	0.9661	0.9610	0.8298	0.9789	0.8228	0.8999
68.9	0.9477	0.9390	0.9521	0.9445	0.8193	0.9714	0.7954	0.8810
69.0	0.9633	0.9568	0.9633	0.9593	0.8902	0.9802	0.8541	0.9119
69.1	0.9557	0.9446	0.9557	0.9592	0.8521	0.9764	0.8050	0.8955
69.2	0.9583	0.9446	0.9624	0.9610	0.8681	0.9763	0.8344	0.9027
69.3	0.9393	0.9320	0.9521	0.9443	0.8311	0.9680	0.7686	0.8768
69.4	0.9661	0.9396	0.9647	0.9628	0.8801	0.9808	0.8371	0.9086
69.5	0.9530	0.9423	0.9609	0.9558	0.8639	0.9723	0.7886	0.8880
69.6	0.9485	0.9396	0.9648	0.9480	0.8757	0.9737	0.7827	0.8846
69.7	0.9413	0.9254	0.9562	0.9427	0.8774	0.9718	0.7748	0.8694
69.8	0.9421	0.9009	0.9543	0.9303	0.8820	0.9743	0.7986	0.8481
69.9	0.9558	0.9169	0.9684	0.9315	0.9070	0.9806	0.8629	0.9000
70.0	0.9519	0.9089	0.9646	0.9380	0.8983	0.9761	0.8494	0.8800
70.1	0.9561	0.8966	0.9629	0.9472	0.9133	0.9797	0.8566	0.8803
70.2	0.9416	0.8436	0.9513	0.9240	0.8913	0.9755	0.8203	0.8303
70.3	0.9329	0.8320	0.9486	0.9006	0.8690	0.9701	0.7787	0.8090
70.4	0.9343	0.8779	0.9560	0.9246	0.8491	0.9702	0.7757	0.8465
70.5	0.9493	0.8691	0.9623	0.9389	0.8689	0.9765	0.8223	0.8640
70.6	0.9352	0.8057	0.9566	0.9205	0.8761	0.9732	0.8044	0.8231
70.7	0.9418	0.8011	0.9608	0.9050	0.8994	0.9782	0.8308	0.8087
70.8	0.9395	0.7739	0.9638	0.8990	0.9183	0.9748	0.8493	0.8231
70.9	0.9428	0.7758	0.9716	0.9064	0.9254	0.9801	0.8583	0.8324
71.0	0.9342	0.7907	0.9696	0.9209	0.9256	0.9799	0.8362	0.8121
71.1	0.9278	0.7794	0.9661	0.9431	0.9133	0.9733	0.8308	0.7992
71.2	0.9363	0.7949	0.9714	0.9234	0.9171	0.9761	0.8648	0.8232
71.3	0.9196	0.7587	0.9673	0.9035	0.9229	0.9747	0.8529	0.8049
71.4	0.8939	0.6382	0.9578	0.8949	0.9249	0.9746	0.8498	0.7789
71.5	0.9060	0.7065	0.9627	0.9143	0.9233	0.9790	0.8548	0.7466
71.6	0.9212	0.7436	0.9718	0.9180	0.9418	0.9786	0.8824	0.7689
71.7	0.9202	0.7977	0.9710	0.9178	0.9420	0.9798	0.8706	0.7811
71.8	0.8940	0.7290	0.9675	0.9298	0.9491	0.9786	0.8791	0.7380
71.9	0.9189	0.7771	0.9785	0.9481	0.9654	0.9858	0.9075	0.7560
72.0	0.9195	0.7992	0.9808	0.9332	0.9720	0.9849	0.9029	0.6912
72.1	0.8898	0.7153	0.9717	0.9137	0.9600	0.9778	0.8784	0.5956
72.2	0.8975	0.7414	0.9725	0.9246	0.9669	0.9784	0.8951	0.5001
72.3	0.8713	0.6602	0.9619	0.9237	0.9539	0.9711	0.8860	0.5424
72.4	0.8723	0.7202	0.9688	0.9419	0.9561	0.9740	0.8641	0.5094
72.5	0.9112	0.8153	0.9793	0.9284	0.9631	0.9855	0.8851	0.3933
72.6	0.9150	0.8320	0.9801	0.9389	0.9651	0.9853	0.8595	0.2869
72.7	0.8921	0.8120	0.9775	0.9302	0.9576	0.9820	0.8313	0.3133
72.8	0.8905	0.8237	0.9733	0.9388	0.9494	0.9751	0.8437	0.1469
72.9	0.9251	0.8733	0.9827	0.9482	0.9610	0.9801	0.8725	0.0359
73.0	0.9320	0.8940	0.9823	0.9524	0.9604	0.9826	0.8734	0.0419
73.1	0.9055	0.8264	0.9764	0.9223	0.9552	0.9790	0.8285	0.1128
73.2	0.9202	0.7872	0.9769	0.9278	0.9518	0.9821	0.7636	0.1807
73.3	0.9287	0.8371	0.9770	0.9317	0.9511	0.9780	0.7754	0.2146
73.4	0.9208	0.8512	0.9729	0.9119	0.9548	0.9749	0.7916	0.3235
73.5	0.9411	0.8667	0.9825	0.9168	0.9612	0.9838	0.7697	0.4057
73.6	0.9551	0.8850	0.9889	0.9187	0.9591	0.9853	0.7786	0.5604
73.7	0.9581	0.8973	0.9889	0.9190	0.9643	0.9868	0.7567	0.6356
73.8	0.9505	0.8760	0.9870	0.9010	0.9682	0.9811	0.7204	0.5890
73.9	0.9548	0.8906	0.9852	0.9166	0.9646	0.9766	0.7677	0.6294
74.0	0.9596	0.8947	0.9840	0.9143	0.9710	0.9758	0.7540	0.7331
74.1	0.9615	0.8956	0.9851	0.9148	0.9718	0.9784	0.7713	0.7611
74.2	0.9582	0.8720	0.9847	0.9105	0.9642	0.9788	0.7165	0.7699
74.3	0.9656	0.8822	0.9871	0.8929	0.9597	0.9808	0.6455	0.8320
74.4	0.9685	0.8617	0.9869	0.8840	0.9555	0.9823	0.4851	0.8541
74.5	0.9726	0.8762	0.9888	0.9219	0.9688	0.9820	0.5594	0.8849
74.6	0.9756	0.9007	0.9893	0.9276	0.9700	0.9860	0.6082	0.9062
74.7	0.9698	0.8751	0.9878	0.8951	0.9581	0.9814	0.4946	0.9028
74.8	0.9732	0.8928	0.9885	0.8962	0.9632	0.9832	0.5080	0.9127
74.9	0.9747	0.9058	0.9892	0.8921	0.9613	0.9867	0.5136	0.9310
75.0	0.9712	0.8910	0.9871	0.9020	0.9658	0.9826	0.4443	0.9311
75.1	0.9634	0.8742	0.9826	0.8667	0.9570	0.9783	0.4146	0.9127
75.2	0.9711	0.8928	0.9865	0.8737	0.9672	0.9823	0.5011	0.9280
75.3	0.9774	0.9266	0.9901	0.9023	0.9747	0.9862	0.5586	0.9505
75.4	0.9692	0.9268	0.9867	0.8976	0.9715	0.9808	0.5075	0.9397
75.5	0.9670	0.9262	0.9875	0.8971	0.9695	0.9784	0.3679	0.9370
75.6	0.9788	0.9464	0.9908	0.9242	0.9707	0.9857	0.3821	0.9632
75.7	0.9685	0.9325	0.9859	0.8749	0.9652	0.9832	0.3111	0.9512
75.8	0.9719	0.9407	0.9880	0.8976	0.9656	0.9838	0.3912	0.9561
75.9	0.9787	0.9377	0.9899	0.9233	0.9637	0.9872	0.3221	0.9666
76.0	0.9704	0.9142	0.9869	0.8957	0.9446	0.9785	0.2811	0.9516
76.1	0.9677	0.9300	0.9837	0.8826	0.9511	0.9764	0.3417	0.9503
76.2	0.9738	0.9460	0.9873	0.9076	0.9651	0.9828	0.2745	0.9643
76.3	0.9646	0.9427	0.9845	0.8840	0.9533	0.9747	0.1583	0.9545
76.4	0.9760	0.9603	0.9889	0.9144	0.9614	0.9823	0.1822	0.9707
76.5	0.9836	0.9756	0.9920	0.9449	0.9619	0.9887	0.2289	0.9805
76.6	0.9822	0.9805	0.9916	0.9431	0.9661	0.9856	0.2494	0.9795
76.7	0.9776	0.9802	0.9898	0.9401	0.9606	0.9840	0.2766	0.9771

76.8	0.9817	0.9757	0.9902	0.9501	0.9510	0.9853	0.3082	0.9810
76.9	0.9826	0.9800	0.9901	0.9518	0.9489	0.9876	0.3490	0.9814
77.0	0.9738	0.9760	0.9872	0.9333	0.9341	0.9802	0.2328	0.9727
77.1	0.9768	0.9809	0.9883	0.9483	0.9420	0.9849	0.2447	0.9788
77.2	0.9833	0.9860	0.9918	0.9615	0.9499	0.9883	0.1993	0.9833
77.3	0.9865	0.9845	0.9932	0.9613	0.9541	0.9906	0.2569	0.9866
77.4	0.9834	0.9853	0.9903	0.9611	0.9484	0.9859	0.2373	0.9818
77.5	0.9822	0.9837	0.9909	0.9604	0.9403	0.9846	0.1244	0.9834
77.6	0.9850	0.9899	0.9931	0.9702	0.9554	0.9888	0.1752	0.9882
77.7	0.9839	0.9896	0.9929	0.9700	0.9519	0.9865	0.3146	0.9853
77.8	0.9759	0.9844	0.9910	0.9599	0.9359	0.9814	0.2988	0.9801
77.9	0.9807	0.9878	0.9913	0.9707	0.9487	0.9883	0.2683	0.9858
78.0	0.9823	0.9869	0.9912	0.9713	0.9397	0.9866	0.2236	0.9865
78.1	0.9754	0.9820	0.9866	0.9631	0.9248	0.9817	0.1709	0.9826
78.2	0.9745	0.9845	0.9872	0.9645	0.9254	0.9805	0.2410	0.9812
78.3	0.9786	0.9869	0.9876	0.9701	0.9354	0.9807	0.3552	0.9848
78.4	0.9826	0.9877	0.9903	0.9737	0.9329	0.9852	0.4356	0.9853
78.5	0.9776	0.9855	0.9867	0.9678	0.9350	0.9849	0.5191	0.9821
78.6	0.9765	0.9852	0.9851	0.9722	0.9331	0.9838	0.4610	0.9830
78.7	0.9784	0.9846	0.9864	0.9753	0.9254	0.9828	0.3943	0.9859
78.8	0.9785	0.9833	0.9861	0.9774	0.9386	0.9853	0.5010	0.9855
78.9	0.9810	0.9824	0.9857	0.9785	0.9178	0.9885	0.4982	0.9875
79.0	0.9807	0.9825	0.9847	0.9790	0.9206	0.9833	0.6436	0.9860
79.1	0.9725	0.9807	0.9801	0.9701	0.9065	0.9749	0.7212	0.9814
79.2	0.9687	0.9774	0.9755	0.9677	0.8759	0.9757	0.6167	0.9799
79.3	0.9805	0.9849	0.9860	0.9803	0.9140	0.9833	0.6301	0.9872
79.4	0.9817	0.9855	0.9865	0.9811	0.9216	0.9841	0.6709	0.9880
79.5	0.9772	0.9800	0.9819	0.9770	0.9309	0.9832	0.6766	0.9844
79.6	0.9747	0.9800	0.9806	0.9764	0.9520	0.9824	0.7103	0.9839
79.7	0.9793	0.9833	0.9828	0.9807	0.9503	0.9828	0.7155	0.9876
79.8	0.9771	0.9793	0.9782	0.9798	0.9570	0.9805	0.7406	0.9859
79.9	0.9727	0.9760	0.9757	0.9752	0.9563	0.9766	0.7432	0.9838
80.0	0.9701	0.9783	0.9744	0.9757	0.9452	0.9769	0.7470	0.9834

1.2.21 Run 6 – VT000 – NF and AF gauges

Vertical shaking at 0°. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.2986	0.2561	0.8495	0.7608	0.4969	0.8655	0.5644	0.5316
0.1	0.8520	0.8831	0.8778	0.7207	0.0748	0.8767	0.2118	0.1261
0.2	0.9776	0.9992	0.9916	0.9924	0.2199	0.9792	0.4230	0.0020
0.3	0.9842	0.9995	0.9905	0.9892	0.3595	0.9828	0.5405	0.0316
0.4	0.9675	0.9983	0.9623	0.9603	0.1855	0.9809	0.6710	0.0761
0.5	0.9226	0.9953	0.9231	0.9523	0.4298	0.9606	0.3370	0.0653
0.6	0.9622	0.9978	0.9794	0.9847	0.5566	0.9783	0.1170	0.0093
0.7	0.9894	0.9996	0.9773	0.9717	0.6126	0.9926	0.5231	0.0007
0.8	0.9429	0.9974	0.8026	0.8240	0.1677	0.9725	0.3854	0.0346
0.9	0.9716	0.9983	0.7578	0.9508	0.6478	0.9845	0.6023	0.1662
1.0	0.9803	0.9988	0.9470	0.9891	0.7999	0.9881	0.6813	0.4018
1.1	0.9778	0.9983	0.9956	0.9979	0.7787	0.9836	0.6066	0.3831
1.2	0.9964	0.9998	0.9977	0.9991	0.9458	0.9949	0.8204	0.4820
1.3	0.9964	0.9998	0.9980	0.9990	0.9548	0.9965	0.8009	0.5407
1.4	0.9959	0.9998	0.9985	0.9989	0.9510	0.9956	0.7510	0.3783
1.5	0.9958	0.9998	0.9984	0.9990	0.9383	0.9950	0.7097	0.5099
1.6	0.9955	0.9997	0.9984	0.9990	0.9434	0.9940	0.7940	0.6082
1.7	0.9950	0.9997	0.9985	0.9993	0.9686	0.9952	0.8868	0.7103
1.8	0.9900	0.9991	0.9984	0.9991	0.9407	0.9917	0.8566	0.7981
1.9	0.9738	0.9975	0.9978	0.9986	0.8742	0.9780	0.8155	0.8004
2.0	0.9608	0.9969	0.9963	0.9979	0.8694	0.9735	0.8435	0.8329
2.1	0.9633	0.9980	0.9811	0.9930	0.8823	0.9724	0.8883	0.8686
2.2	0.9803	0.9992	0.9882	0.9938	0.9052	0.9816	0.9191	0.8918
2.3	0.9875	0.9996	0.9983	0.9991	0.7144	0.9347	0.7224	0.7093
2.4	0.9830	0.9993	0.9983	0.9990	0.4259	0.6722	0.5657	0.5270
2.5	0.9853	0.9993	0.9981	0.9987	0.2976	0.9259	0.5755	0.4985
2.6	0.9900	0.9996	0.9983	0.9989	0.0669	0.9902	0.6648	0.4279
2.7	0.9938	0.9997	0.9987	0.9989	0.1200	0.9937	0.7946	0.4416
2.8	0.9916	0.9997	0.9983	0.9987	0.2652	0.9924	0.6682	0.3572
2.9	0.9905	0.9996	0.9978	0.9986	0.4482	0.9908	0.4327	0.1730
3.0	0.9909	0.9996	0.9974	0.9985	0.5087	0.9893	0.4303	0.1261
3.1	0.9774	0.9989	0.9971	0.9977	0.6529	0.9812	0.4076	0.1448
3.2	0.9740	0.9987	0.9976	0.9973	0.7394	0.9858	0.3144	0.1211
3.3	0.9583	0.9975	0.9955	0.9963	0.6364	0.9761	0.0785	0.0373
3.4	0.9655	0.9977	0.9932	0.9965	0.6439	0.9776	0.1882	0.0223
3.5	0.9262	0.9970	0.9910	0.9957	0.3372	0.9632	0.2201	0.0910
3.6	0.7725	0.9914	0.9835	0.9924	0.0194	0.8939	0.2308	0.1203
3.7	0.9575	0.9973	0.9914	0.9964	0.7224	0.9729	0.4463	0.1469
3.8	0.9971	0.9999	0.9990	0.9995	0.9750	0.9981	0.8798	0.4456
3.9	0.9995	1.0000	0.9997	0.9998	0.9921	0.9995	0.9651	0.7748
4.0	0.9996	1.0000	0.9999	0.9999	0.9945	0.9996	0.9779	0.8357
4.1	0.9994	1.0000	0.9998	0.9999	0.9903	0.9995	0.9660	0.7472
4.2	0.9989	0.9999	0.9996	0.9997	0.9831	0.9990	0.9473	0.6773
4.3	0.9983	0.9999	0.9995	0.9996	0.9851	0.9988	0.9588	0.6834
4.4	0.9970	0.9998	0.9990	0.9994	0.9716	0.9979	0.9241	0.6536
4.5	0.9960	0.9998	0.9984	0.9993	0.9532	0.9968	0.8614	0.5092
4.6	0.9927	0.9996	0.9974	0.9987	0.9281	0.9943	0.7748	0.4510
4.7	0.9904	0.9996	0.9976	0.9985	0.9179	0.9937	0.8071	0.4852
4.8	0.9919	0.9996	0.9966	0.9985	0.9069	0.9926	0.8789	0.4920
4.9	0.9920	0.9996	0.9953	0.9979	0.9131	0.9907	0.8513	0.5104
5.0	0.9917	0.9995	0.9959	0.9978	0.9366	0.9925	0.8862	0.5577
5.1	0.9963	0.9998	0.9983	0.9993	0.9754	0.9960	0.9530	0.7816
5.2	0.9960	0.9997	0.9978	0.9991	0.9703	0.9945	0.9409	0.7574
5.3	0.9920	0.9994	0.9953	0.9976	0.9402	0.9875	0.8646	0.6006
5.4	0.9828	0.9989	0.9897	0.9944	0.8137	0.9745	0.7056	0.3706
5.5	0.9467	0.9966	0.9773	0.9880	0.4290	0.9272	0.1851	0.0573
5.6	0.9521	0.9970	0.9840	0.9878	0.6169	0.9412	0.3689	0.1148
5.7	0.9851	0.9992	0.9946	0.9963	0.8983	0.9839	0.8231	0.5538
5.8	0.9950	0.9997	0.9981	0.9983	0.9598	0.9930	0.9343	0.7744
5.9	0.9980	0.9999	0.9990	0.9991	0.9754	0.9961	0.9653	0.8775
6.0	0.9984	0.9999	0.9992	0.9996	0.9840	0.9979	0.9674	0.9019
6.1	0.9990	1.0000	0.9995	0.9998	0.9906	0.9986	0.9779	0.9243
6.2	0.9990	1.0000	0.9996	0.9999	0.9916	0.9988	0.9822	0.9456
6.3	0.9990	1.0000	0.9997	0.9999	0.9950	0.9994	0.9910	0.9734
6.4	0.9989	1.0000	0.9997	0.9998	0.9957	0.9995	0.9914	0.9778
6.5	0.9971	1.0000	0.9995	0.9997	0.9898	0.9989	0.9827	0.9591
6.6	0.9931	1.0000	0.9992	0.9997	0.9784	0.9977	0.9657	0.9501
6.7	0.9820	1.0000	0.9988	0.9993	0.9669	0.9954	0.9532	0.9390
6.8	0.9200	0.9999	0.9972	0.9982	0.9032	0.9822	0.9052	0.8887
6.9	0.7651	0.9998	0.9927	0.9951	0.8346	0.9115	0.8385	0.8527
7.0	0.8200	0.9994	0.9815	0.9882	0.8580	0.8603	0.8605	0.8655
7.1	0.8589	0.9985	0.9570	0.9729	0.8688	0.8838	0.8688	0.8694
7.2	0.9039	0.9982	0.9271	0.9539	0.9023	0.9253	0.8986	0.8955
7.3	0.9658	0.9990	0.9321	0.9646	0.9624	0.9741	0.9612	0.9594
7.4	0.9716	0.9990	0.8975	0.9519	0.9660	0.9771	0.9633	0.9620
7.5	0.9841	0.9996	0.8789	0.9623	0.9801	0.9875	0.9783	0.9770
7.6	0.9939	0.9999	0.9533	0.9856	0.9923	0.9956	0.9918	0.9909
7.7	0.9983	0.9999	0.9875	0.9965	0.9975	0.9984	0.9969	0.9962
7.8	0.9997	0.9999	0.9963	0.9985	0.9990	0.9994	0.9988	0.9983
7.9	0.9996	0.9998	0.9984	0.9995	0.9987	0.9992	0.9984	0.9978

8.0	0.9992	0.9998	0.9971	0.9988	0.9982	0.9988	0.9978	0.9972
8.1	0.9996	0.9999	0.9984	0.9993	0.9989	0.9993	0.9986	0.9981
8.2	0.9994	0.9997	0.9977	0.9992	0.9986	0.9991	0.9982	0.9977
8.3	0.9996	0.9998	0.9989	0.9995	0.9991	0.9993	0.9990	0.9985
8.4	0.9996	0.9998	0.9989	0.9994	0.9988	0.9990	0.9985	0.9982
8.5	0.9995	0.9996	0.9988	0.9991	0.9983	0.9987	0.9980	0.9975
8.6	0.9994	0.9996	0.9986	0.9994	0.9982	0.9986	0.9977	0.9973
8.7	0.9989	0.9992	0.9981	0.9991	0.9967	0.9977	0.9962	0.9956
8.8	0.9983	0.9990	0.9978	0.9991	0.9962	0.9972	0.9957	0.9951
8.9	0.9973	0.9980	0.9971	0.9985	0.9928	0.9949	0.9925	0.9913
9.0	0.9951	0.9969	0.9963	0.9985	0.9890	0.9914	0.9882	0.9868
9.1	0.9933	0.9953	0.9937	0.9972	0.9853	0.9884	0.9839	0.9831
9.2	0.9781	0.9836	0.9797	0.9907	0.9587	0.9654	0.9572	0.9551
9.3	0.9798	0.9840	0.9806	0.9911	0.9686	0.9714	0.9683	0.9665
9.4	0.9462	0.9570	0.9487	0.9772	0.9276	0.9304	0.9294	0.9260
9.5	0.9591	0.9669	0.9575	0.9844	0.9586	0.9562	0.9611	0.9600
9.6	0.9429	0.9597	0.9389	0.9867	0.9523	0.9436	0.9574	0.9546
9.7	0.9691	0.9843	0.9729	0.9950	0.9758	0.9691	0.9795	0.9785
9.8	0.9699	0.9869	0.9722	0.9959	0.9701	0.9560	0.9757	0.9740
9.9	0.9798	0.9917	0.9751	0.9966	0.9643	0.9432	0.9741	0.9696
10.0	0.9889	0.9957	0.9835	0.9973	0.9611	0.9403	0.9751	0.9682
10.1	0.9926	0.9971	0.9903	0.9980	0.9452	0.9369	0.9658	0.9562
10.2	0.9958	0.9986	0.9926	0.9987	0.9532	0.9717	0.9742	0.9559
10.3	0.9984	0.9995	0.9927	0.9991	0.9825	0.9913	0.9875	0.9747
10.4	0.9989	0.9998	0.9912	0.9994	0.9898	0.9962	0.9942	0.9785
10.5	0.9989	0.9997	0.9911	0.9994	0.9873	0.9953	0.9913	0.9748
10.6	0.9989	0.9996	0.9883	0.9991	0.9841	0.9939	0.9886	0.9362
10.7	0.9987	0.9996	0.9899	0.9989	0.9797	0.9942	0.9815	0.8990
10.8	0.9987	0.9995	0.9890	0.9985	0.9815	0.9939	0.9719	0.8792
10.9	0.9991	0.9996	0.9923	0.9992	0.9901	0.9971	0.9824	0.9477
11.0	0.9993	0.9997	0.9945	0.9993	0.9942	0.9978	0.9894	0.9685
11.1	0.9993	0.9997	0.9914	0.9992	0.9938	0.9978	0.9878	0.9746
11.2	0.9992	0.9997	0.9909	0.9992	0.9952	0.9979	0.9921	0.9777
11.3	0.9993	0.9997	0.9908	0.9993	0.9955	0.9983	0.9931	0.9823
11.4	0.9993	0.9997	0.9906	0.9993	0.9962	0.9986	0.9945	0.9892
11.5	0.9992	0.9997	0.9927	0.9993	0.9967	0.9985	0.9944	0.9893
11.6	0.9991	0.9996	0.9918	0.9992	0.9967	0.9983	0.9942	0.9906
11.7	0.9994	0.9998	0.9901	0.9993	0.9980	0.9988	0.9965	0.9945
11.8	0.9988	0.9994	0.9852	0.9990	0.9956	0.9981	0.9943	0.9904
11.9	0.9994	0.9997	0.9871	0.9992	0.9983	0.9988	0.9974	0.9948
12.0	0.9991	0.9997	0.9876	0.9991	0.9979	0.9986	0.9963	0.9955
12.1	0.9993	0.9997	0.9844	0.9992	0.9982	0.9988	0.9974	0.9960
12.2	0.9994	0.9997	0.9863	0.9991	0.9979	0.9988	0.9978	0.9962
12.3	0.9995	0.9997	0.9777	0.9991	0.9986	0.9991	0.9982	0.9969
12.4	0.9994	0.9997	0.9555	0.9992	0.9988	0.9993	0.9981	0.9968
12.5	0.9991	0.9996	0.9392	0.9990	0.9983	0.9990	0.9979	0.9967
12.6	0.9995	0.9998	0.9047	0.9990	0.9988	0.9993	0.9983	0.9979
12.7	0.9994	0.9998	0.8404	0.9993	0.9989	0.9992	0.9984	0.9975
12.8	0.9995	0.9997	0.7468	0.9992	0.9988	0.9991	0.9985	0.9979
12.9	0.9993	0.9997	0.7216	0.9988	0.9987	0.9989	0.9982	0.9972
13.0	0.9992	0.9996	0.7855	0.9989	0.9984	0.9988	0.9985	0.9970
13.1	0.9991	0.9996	0.8125	0.9991	0.9982	0.9990	0.9982	0.9974
13.2	0.9993	0.9996	0.8136	0.9989	0.9984	0.9990	0.9984	0.9976
13.3	0.9989	0.9994	0.8414	0.9985	0.9983	0.9986	0.9982	0.9971
13.4	0.9994	0.9997	0.8932	0.9990	0.9992	0.9993	0.9991	0.9982
13.5	0.9988	0.9994	0.8686	0.9985	0.9982	0.9986	0.9980	0.9977
13.6	0.9990	0.9994	0.9108	0.9985	0.9985	0.9989	0.9982	0.9979
13.7	0.9992	0.9996	0.9505	0.9989	0.9990	0.9991	0.9988	0.9987
13.8	0.9993	0.9996	0.9607	0.9987	0.9990	0.9991	0.9987	0.9988
13.9	0.9986	0.9992	0.9572	0.9976	0.9981	0.9983	0.9977	0.9973
14.0	0.9991	0.9994	0.9787	0.9978	0.9986	0.9989	0.9985	0.9986
14.1	0.9990	0.9995	0.9852	0.9982	0.9987	0.9989	0.9985	0.9983
14.2	0.9989	0.9994	0.9831	0.9983	0.9985	0.9987	0.9982	0.9983
14.3	0.9988	0.9993	0.9886	0.9982	0.9984	0.9986	0.9980	0.9982
14.4	0.9987	0.9991	0.9899	0.9979	0.9979	0.9983	0.9978	0.9977
14.5	0.9983	0.9988	0.9809	0.9951	0.9976	0.9979	0.9973	0.9975
14.6	0.9983	0.9989	0.9846	0.9944	0.9977	0.9980	0.9975	0.9973
14.7	0.9982	0.9990	0.9879	0.9950	0.9980	0.9983	0.9977	0.9974
14.8	0.9985	0.9991	0.9858	0.9943	0.9983	0.9983	0.9980	0.9980
14.9	0.9978	0.9987	0.9859	0.9942	0.9975	0.9978	0.9974	0.9973
15.0	0.9986	0.9991	0.9888	0.9957	0.9982	0.9984	0.9980	0.9982
15.1	0.9974	0.9981	0.9723	0.9898	0.9964	0.9971	0.9957	0.9967
15.2	0.9973	0.9980	0.9736	0.9899	0.9965	0.9968	0.9960	0.9963
15.3	0.9963	0.9972	0.9668	0.9853	0.9953	0.9959	0.9950	0.9953
15.4	0.9975	0.9980	0.9730	0.9863	0.9968	0.9971	0.9965	0.9967
15.5	0.9963	0.9968	0.9655	0.9796	0.9951	0.9957	0.9948	0.9950
15.6	0.9958	0.9965	0.9587	0.9709	0.9947	0.9952	0.9947	0.9945
15.7	0.9967	0.9972	0.9687	0.9755	0.9959	0.9960	0.9957	0.9955
15.8	0.9956	0.9961	0.9672	0.9708	0.9945	0.9945	0.9942	0.9943
15.9	0.9960	0.9965	0.9783	0.9791	0.9952	0.9953	0.9949	0.9950
16.0	0.9932	0.9940	0.9683	0.9663	0.9919	0.9920	0.9913	0.9914
16.1	0.9935	0.9944	0.9808	0.9777	0.9927	0.9927	0.9920	0.9924
16.2	0.9932	0.9937	0.9833	0.9800	0.9922	0.9923	0.9916	0.9920
16.3	0.9868	0.9878	0.9785	0.9736	0.9850	0.9854	0.9843	0.9849
16.4	0.9830	0.9836	0.9803	0.9775	0.9810	0.9813	0.9804	0.9803
16.5	0.9828	0.9827	0.9867	0.9814	0.9800	0.9803	0.9795	0.9794

16.6	0.9888	0.9888	0.9732	0.9564	0.9867	0.9869	0.9862	0.9860
16.7	0.9918	0.9922	0.9781	0.9657	0.9907	0.9907	0.9904	0.9902
16.8	0.9844	0.9850	0.9669	0.9492	0.9841	0.9839	0.9838	0.9835
16.9	0.9861	0.9861	0.9708	0.9586	0.9858	0.9856	0.9857	0.9855
17.0	0.9832	0.9824	0.9723	0.9637	0.9823	0.9820	0.9821	0.9819
17.1	0.9937	0.9932	0.9500	0.9163	0.9928	0.9926	0.9924	0.9922
17.2	0.9889	0.9889	0.8984	0.8724	0.9905	0.9902	0.9907	0.9907
17.3	0.9914	0.9908	0.9279	0.9358	0.9923	0.9920	0.9925	0.9925
17.4	0.9921	0.9912	0.9301	0.9472	0.9924	0.9921	0.9925	0.9924
17.5	0.9949	0.9940	0.9764	0.9754	0.9951	0.9949	0.9952	0.9950
17.6	0.9957	0.9950	0.9391	0.9531	0.9961	0.9959	0.9962	0.9960
17.7	0.9967	0.9961	0.9483	0.9711	0.9971	0.9970	0.9972	0.9970
17.8	0.9971	0.9965	0.9762	0.9850	0.9976	0.9975	0.9977	0.9975
17.9	0.9970	0.9965	0.9739	0.9775	0.9976	0.9975	0.9978	0.9977
18.0	0.9979	0.9975	0.9728	0.9773	0.9984	0.9983	0.9985	0.9984
18.1	0.9968	0.9960	0.9630	0.9644	0.9974	0.9973	0.9976	0.9975
18.2	0.9981	0.9977	0.9843	0.9742	0.9985	0.9984	0.9986	0.9986
18.3	0.9986	0.9983	0.9906	0.9769	0.9990	0.9989	0.9990	0.9990
18.4	0.9986	0.9982	0.9891	0.9737	0.9990	0.9990	0.9991	0.9991
18.5	0.9987	0.9984	0.9902	0.9722	0.9992	0.9990	0.9992	0.9992
18.6	0.9986	0.9984	0.9883	0.9783	0.9991	0.9990	0.9992	0.9991
18.7	0.9986	0.9981	0.9882	0.9742	0.9991	0.9990	0.9991	0.9991
18.8	0.9988	0.9984	0.9930	0.9754	0.9992	0.9992	0.9994	0.9992
18.9	0.9991	0.9988	0.9956	0.9800	0.9994	0.9994	0.9995	0.9995
19.0	0.9992	0.9989	0.9964	0.9834	0.9995	0.9994	0.9995	0.9996
19.1	0.9989	0.9983	0.9959	0.9822	0.9993	0.9992	0.9993	0.9992
19.2	0.9991	0.9987	0.9966	0.9855	0.9995	0.9994	0.9995	0.9995
19.3	0.9990	0.9984	0.9971	0.9838	0.9994	0.9993	0.9995	0.9994
19.4	0.9993	0.9989	0.9983	0.9879	0.9995	0.9995	0.9996	0.9995
19.5	0.9994	0.9991	0.9984	0.9891	0.9996	0.9996	0.9996	0.9996
19.6	0.9995	0.9992	0.9986	0.9905	0.9997	0.9996	0.9997	0.9996
19.7	0.9993	0.9989	0.9981	0.9860	0.9996	0.9995	0.9996	0.9995
19.8	0.9993	0.9989	0.9975	0.9851	0.9995	0.9994	0.9995	0.9994
19.9	0.9994	0.9990	0.9976	0.9836	0.9995	0.9994	0.9995	0.9994
20.0	0.9994	0.9990	0.9978	0.9867	0.9994	0.9993	0.9994	0.9993
20.1	0.9995	0.9991	0.9982	0.9876	0.9992	0.9992	0.9992	0.9991
20.2	0.9994	0.9991	0.9983	0.9887	0.9992	0.9991	0.9992	0.9990
20.3	0.9995	0.9991	0.9980	0.9892	0.9992	0.9992	0.9991	0.9989
20.4	0.9997	0.9993	0.9985	0.9916	0.9993	0.9992	0.9992	0.9989
20.5	0.9997	0.9993	0.9990	0.9930	0.9993	0.9992	0.9992	0.9990
20.6	0.9995	0.9991	0.9983	0.9918	0.9990	0.9988	0.9987	0.9986
20.7	0.9996	0.9992	0.9984	0.9906	0.9990	0.9989	0.9988	0.9987
20.8	0.9996	0.9993	0.9987	0.9931	0.9989	0.9988	0.9988	0.9985
20.9	0.9996	0.9992	0.9983	0.9935	0.9990	0.9989	0.9989	0.9986
21.0	0.9996	0.9993	0.9988	0.9945	0.9992	0.9990	0.9990	0.9988
21.1	0.9997	0.9994	0.9988	0.9947	0.9994	0.9994	0.9993	0.9991
21.2	0.9996	0.9993	0.9987	0.9935	0.9993	0.9994	0.9991	0.9989
21.3	0.9996	0.9994	0.9990	0.9931	0.9994	0.9993	0.9991	0.9990
21.4	0.9996	0.9994	0.9984	0.9911	0.9994	0.9993	0.9991	0.9991
21.5	0.9997	0.9994	0.9983	0.9910	0.9995	0.9994	0.9993	0.9992
21.6	0.9997	0.9995	0.9990	0.9939	0.9996	0.9996	0.9995	0.9993
21.7	0.9996	0.9993	0.9988	0.9924	0.9994	0.9993	0.9992	0.9988
21.8	0.9996	0.9994	0.9987	0.9924	0.9994	0.9994	0.9992	0.9989
21.9	0.9996	0.9993	0.9984	0.9911	0.9993	0.9993	0.9992	0.9989
22.0	0.9996	0.9994	0.9985	0.9909	0.9994	0.9993	0.9994	0.9987
22.1	0.9998	0.9994	0.9984	0.9912	0.9995	0.9993	0.9994	0.9988
22.2	0.9997	0.9994	0.9984	0.9937	0.9996	0.9994	0.9995	0.9992
22.3	0.9996	0.9994	0.9985	0.9922	0.9996	0.9995	0.9996	0.9994
22.4	0.9996	0.9994	0.9989	0.9919	0.9996	0.9994	0.9995	0.9992
22.5	0.9997	0.9995	0.9989	0.9933	0.9997	0.9995	0.9996	0.9993
22.6	0.9996	0.9991	0.9987	0.9920	0.9997	0.9995	0.9996	0.9993
22.7	0.9997	0.9994	0.9990	0.9943	0.9997	0.9997	0.9997	0.9995
22.8	0.9997	0.9994	0.9988	0.9931	0.9998	0.9996	0.9997	0.9994
22.9	0.9997	0.9993	0.9983	0.9913	0.9997	0.9995	0.9996	0.9993
23.0	0.9997	0.9993	0.9986	0.9939	0.9997	0.9996	0.9997	0.9992
23.1	0.9998	0.9996	0.9988	0.9944	0.9998	0.9997	0.9998	0.9994
23.2	0.9998	0.9994	0.9984	0.9943	0.9997	0.9997	0.9998	0.9995
23.3	0.9997	0.9994	0.9984	0.9945	0.9997	0.9996	0.9997	0.9994
23.4	0.9997	0.9994	0.9986	0.9958	0.9997	0.9997	0.9997	0.9994
23.5	0.9997	0.9994	0.9986	0.9940	0.9997	0.9996	0.9997	0.9995
23.6	0.9997	0.9993	0.9984	0.9927	0.9997	0.9995	0.9996	0.9993
23.7	0.9997	0.9991	0.9979	0.9899	0.9996	0.9995	0.9995	0.9993
23.8	0.9997	0.9993	0.9979	0.9917	0.9998	0.9997	0.9997	0.9996
23.9	0.9998	0.9993	0.9980	0.9932	0.9997	0.9996	0.9997	0.9996
24.0	0.9998	0.9994	0.9987	0.9941	0.9998	0.9997	0.9997	0.9996
24.1	0.9997	0.9991	0.9984	0.9939	0.9997	0.9997	0.9996	0.9993
24.2	0.9998	0.9991	0.9987	0.9946	0.9998	0.9997	0.9997	0.9996
24.3	0.9998	0.9994	0.9988	0.9944	0.9998	0.9998	0.9997	0.9997
24.4	0.9998	0.9994	0.9989	0.9955	0.9998	0.9998	0.9998	0.9996
24.5	0.9998	0.9992	0.9986	0.9953	0.9997	0.9996	0.9997	0.9995
24.6	0.9997	0.9992	0.9984	0.9936	0.9997	0.9995	0.9997	0.9995
24.7	0.9998	0.9993	0.9987	0.9939	0.9997	0.9996	0.9997	0.9995
24.8	0.9998	0.9994	0.9989	0.9944	0.9998	0.9997	0.9998	0.9996
24.9	0.9998	0.9994	0.9988	0.9955	0.9998	0.9998	0.9998	0.9996
25.0	0.9997	0.9989	0.9979	0.9936	0.9998	0.9996	0.9997	0.9996
25.1	0.9998	0.9989	0.9979	0.9937	0.9998	0.9996	0.9997	0.9995

25.2	0.9998	0.9993	0.9986	0.9945	0.9997	0.9997	0.9997	0.9996
25.3	0.9997	0.9992	0.9984	0.9941	0.9998	0.9997	0.9998	0.9995
25.4	0.9998	0.9988	0.9986	0.9936	0.9998	0.9997	0.9998	0.9996
25.5	0.9997	0.9987	0.9985	0.9936	0.9997	0.9996	0.9997	0.9995
25.6	0.9998	0.9991	0.9987	0.9949	0.9998	0.9996	0.9998	0.9996
25.7	0.9997	0.9991	0.9987	0.9952	0.9998	0.9997	0.9998	0.9996
25.8	0.9997	0.9991	0.9987	0.9946	0.9998	0.9997	0.9998	0.9997
25.9	0.9998	0.9993	0.9991	0.9955	0.9998	0.9997	0.9998	0.9996
26.0	0.9998	0.9993	0.9987	0.9945	0.9998	0.9997	0.9998	0.9995
26.1	0.9998	0.9993	0.9983	0.9933	0.9998	0.9995	0.9998	0.9994
26.2	0.9997	0.9992	0.9983	0.9950	0.9998	0.9994	0.9997	0.9994
26.3	0.9997	0.9987	0.9984	0.9931	0.9997	0.9995	0.9997	0.9995
26.4	0.9997	0.9985	0.9984	0.9912	0.9996	0.9994	0.9996	0.9993
26.5	0.9997	0.9990	0.9987	0.9910	0.9996	0.9994	0.9997	0.9993
26.6	0.9996	0.9988	0.9987	0.9907	0.9996	0.9993	0.9997	0.9992
26.7	0.9997	0.9994	0.9991	0.9946	0.9997	0.9995	0.9998	0.9994
26.8	0.9996	0.9990	0.9990	0.9927	0.9997	0.9995	0.9997	0.9993
26.9	0.9996	0.9985	0.9988	0.9938	0.9997	0.9995	0.9997	0.9993
27.0	0.9997	0.9985	0.9985	0.9915	0.9996	0.9994	0.9997	0.9992
27.1	0.9997	0.9986	0.9985	0.9936	0.9996	0.9994	0.9996	0.9993
27.2	0.9996	0.9987	0.9983	0.9907	0.9996	0.9994	0.9996	0.9992
27.3	0.9996	0.9980	0.9984	0.9908	0.9997	0.9995	0.9997	0.9993
27.4	0.9997	0.9987	0.9986	0.9939	0.9997	0.9996	0.9998	0.9995
27.5	0.9997	0.9989	0.9983	0.9933	0.9998	0.9997	0.9998	0.9994
27.6	0.9997	0.9990	0.9984	0.9935	0.9997	0.9996	0.9997	0.9994
27.7	0.9997	0.9986	0.9981	0.9932	0.9997	0.9995	0.9997	0.9995
27.8	0.9998	0.9988	0.9986	0.9955	0.9998	0.9997	0.9998	0.9997
27.9	0.9997	0.9988	0.9984	0.9957	0.9997	0.9997	0.9998	0.9997
28.0	0.9997	0.9985	0.9985	0.9944	0.9997	0.9997	0.9997	0.9996
28.1	0.9998	0.9988	0.9981	0.9959	0.9997	0.9997	0.9998	0.9996
28.2	0.9997	0.9986	0.9982	0.9977	0.9997	0.9997	0.9998	0.9996
28.3	0.9996	0.9972	0.9974	0.9960	0.9994	0.9995	0.9995	0.9991
28.4	0.9997	0.9981	0.9978	0.9969	0.9997	0.9996	0.9997	0.9995
28.5	0.9997	0.9983	0.9986	0.9974	0.9998	0.9996	0.9998	0.9996
28.6	0.9997	0.9981	0.9984	0.9965	0.9997	0.9996	0.9997	0.9995
28.7	0.9996	0.9986	0.9980	0.9968	0.9997	0.9997	0.9997	0.9996
28.8	0.9997	0.9988	0.9985	0.9976	0.9998	0.9998	0.9997	0.9997
28.9	0.9996	0.9981	0.9982	0.9967	0.9996	0.9996	0.9996	0.9995
29.0	0.9996	0.9981	0.9984	0.9964	0.9995	0.9996	0.9996	0.9993
29.1	0.9996	0.9980	0.9983	0.9967	0.9996	0.9995	0.9996	0.9995
29.2	0.9996	0.9984	0.9987	0.9973	0.9997	0.9997	0.9998	0.9997
29.3	0.9996	0.9980	0.9987	0.9972	0.9997	0.9996	0.9997	0.9995
29.4	0.9996	0.9980	0.9985	0.9962	0.9997	0.9996	0.9996	0.9994
29.5	0.9993	0.9968	0.9980	0.9955	0.9996	0.9995	0.9995	0.9993
29.6	0.9996	0.9974	0.9985	0.9974	0.9998	0.9997	0.9997	0.9995
29.7	0.9995	0.9964	0.9984	0.9967	0.9996	0.9996	0.9996	0.9995
29.8	0.9995	0.9963	0.9985	0.9964	0.9996	0.9995	0.9995	0.9995
29.9	0.9983	0.9931	0.9968	0.9936	0.9993	0.9994	0.9993	0.9993
30.0	0.9987	0.9943	0.9974	0.9936	0.9992	0.9993	0.9992	0.9992
30.1	0.9995	0.9969	0.9987	0.9946	0.9996	0.9995	0.9997	0.9993
30.2	0.9996	0.9962	0.9985	0.9945	0.9995	0.9995	0.9996	0.9991
30.3	0.9996	0.9955	0.9980	0.9954	0.9995	0.9995	0.9995	0.9993
30.4	0.9994	0.9965	0.9981	0.9939	0.9995	0.9996	0.9996	0.9994
30.5	0.9994	0.9958	0.9983	0.9943	0.9995	0.9996	0.9996	0.9994
30.6	0.9992	0.9947	0.9978	0.9939	0.9994	0.9995	0.9994	0.9992
30.7	0.9990	0.9954	0.9976	0.9921	0.9994	0.9994	0.9992	0.9993
30.8	0.9992	0.9951	0.9976	0.9919	0.9994	0.9995	0.9993	0.9993
30.9	0.9992	0.9957	0.9982	0.9931	0.9995	0.9995	0.9993	0.9994
31.0	0.9993	0.9959	0.9986	0.9930	0.9994	0.9995	0.9993	0.9994
31.1	0.9994	0.9956	0.9985	0.9932	0.9994	0.9995	0.9994	0.9994
31.2	0.9992	0.9927	0.9972	0.9907	0.9994	0.9994	0.9993	0.9993
31.3	0.9993	0.9934	0.9974	0.9907	0.9994	0.9994	0.9994	0.9991
31.4	0.9995	0.9941	0.9979	0.9889	0.9995	0.9995	0.9995	0.9993
31.5	0.9996	0.9938	0.9983	0.9889	0.9995	0.9995	0.9995	0.9992
31.6	0.9995	0.9933	0.9982	0.9891	0.9994	0.9994	0.9996	0.9989
31.7	0.9993	0.9934	0.9974	0.9866	0.9994	0.9994	0.9994	0.9990
31.8	0.9992	0.9907	0.9966	0.9809	0.9991	0.9994	0.9991	0.9988
31.9	0.9994	0.9940	0.9975	0.9810	0.9994	0.9996	0.9994	0.9992
32.0	0.9995	0.9954	0.9977	0.9872	0.9995	0.9996	0.9995	0.9992
32.1	0.9994	0.9956	0.9972	0.9818	0.9993	0.9993	0.9991	0.9986
32.2	0.9994	0.9941	0.9969	0.9768	0.9993	0.9993	0.9991	0.9989
32.3	0.9992	0.9941	0.9972	0.9737	0.9991	0.9992	0.9989	0.9986
32.4	0.9994	0.9950	0.9979	0.9813	0.9992	0.9993	0.9992	0.9986
32.5	0.9994	0.9957	0.9973	0.9778	0.9991	0.9992	0.9992	0.9984
32.6	0.9994	0.9954	0.9974	0.9825	0.9992	0.9992	0.9991	0.9987
32.7	0.9994	0.9948	0.9974	0.9832	0.9991	0.9991	0.9990	0.9983
32.8	0.9993	0.9956	0.9972	0.9841	0.9991	0.9992	0.9991	0.9982
32.9	0.9994	0.9971	0.9975	0.9814	0.9992	0.9991	0.9990	0.9985
33.0	0.9993	0.9964	0.9974	0.9849	0.9991	0.9989	0.9988	0.9985
33.1	0.9990	0.9958	0.9978	0.9873	0.9991	0.9990	0.9990	0.9983
33.2	0.9988	0.9948	0.9975	0.9851	0.9986	0.9985	0.9984	0.9979
33.3	0.9989	0.9953	0.9965	0.9877	0.9987	0.9984	0.9986	0.9977
33.4	0.9991	0.9959	0.9969	0.9907	0.9991	0.9988	0.9988	0.9984
33.5	0.9993	0.9961	0.9980	0.9909	0.9992	0.9989	0.9990	0.9983
33.6	0.9986	0.9943	0.9956	0.9857	0.9986	0.9983	0.9984	0.9976
33.7	0.9988	0.9947	0.9943	0.9836	0.9988	0.9981	0.9986	0.9975

33.8	0.9988	0.9964	0.9952	0.9872	0.9990	0.9983	0.9987	0.9979
33.9	0.9988	0.9968	0.9944	0.9807	0.9989	0.9979	0.9988	0.9970
34.0	0.9988	0.9968	0.9942	0.9856	0.9990	0.9982	0.9990	0.9974
34.1	0.9989	0.9967	0.9958	0.9867	0.9992	0.9986	0.9991	0.9980
34.2	0.9988	0.9972	0.9950	0.9853	0.9992	0.9987	0.9991	0.9980
34.3	0.9989	0.9968	0.9956	0.9856	0.9991	0.9985	0.9989	0.9981
34.4	0.9990	0.9969	0.9946	0.9875	0.9992	0.9985	0.9990	0.9981
34.5	0.9987	0.9967	0.9947	0.9840	0.9992	0.9986	0.9989	0.9983
34.6	0.9988	0.9978	0.9944	0.9885	0.9994	0.9988	0.9991	0.9983
34.7	0.9988	0.9976	0.9949	0.9913	0.9993	0.9989	0.9991	0.9983
34.8	0.9984	0.9977	0.9950	0.9856	0.9993	0.9986	0.9992	0.9982
34.9	0.9987	0.9978	0.9969	0.9877	0.9995	0.9991	0.9992	0.9990
35.0	0.9989	0.9975	0.9966	0.9904	0.9995	0.9992	0.9992	0.9991
35.1	0.9988	0.9962	0.9963	0.9865	0.9992	0.9990	0.9989	0.9987
35.2	0.9991	0.9964	0.9966	0.9862	0.9993	0.9993	0.9991	0.9990
35.3	0.9989	0.9961	0.9965	0.9827	0.9989	0.9989	0.9989	0.9985
35.4	0.9991	0.9960	0.9966	0.9848	0.9987	0.9989	0.9985	0.9986
35.5	0.9990	0.9954	0.9966	0.9871	0.9984	0.9986	0.9982	0.9983
35.6	0.9990	0.9954	0.9960	0.9890	0.9984	0.9987	0.9982	0.9983
35.7	0.9987	0.9956	0.9961	0.9886	0.9985	0.9987	0.9981	0.9985
35.8	0.9985	0.9956	0.9968	0.9930	0.9985	0.9986	0.9979	0.9986
35.9	0.9988	0.9967	0.9972	0.9930	0.9989	0.9989	0.9982	0.9990
36.0	0.9983	0.9967	0.9967	0.9931	0.9986	0.9987	0.9977	0.9987
36.1	0.9983	0.9964	0.9966	0.9942	0.9982	0.9984	0.9976	0.9985
36.2	0.9985	0.9960	0.9970	0.9962	0.9987	0.9987	0.9981	0.9988
36.3	0.9984	0.9956	0.9972	0.9954	0.9986	0.9988	0.9981	0.9987
36.4	0.9983	0.9961	0.9972	0.9952	0.9987	0.9988	0.9981	0.9987
36.5	0.9973	0.9946	0.9970	0.9926	0.9981	0.9981	0.9971	0.9979
36.6	0.9978	0.9954	0.9965	0.9917	0.9983	0.9981	0.9975	0.9981
36.7	0.9982	0.9962	0.9962	0.9927	0.9982	0.9980	0.9973	0.9980
36.8	0.9978	0.9955	0.9961	0.9916	0.9975	0.9975	0.9970	0.9969
36.9	0.9986	0.9967	0.9977	0.9953	0.9988	0.9987	0.9983	0.9985
37.0	0.9985	0.9959	0.9980	0.9941	0.9981	0.9980	0.9978	0.9975
37.1	0.9977	0.9945	0.9977	0.9937	0.9972	0.9971	0.9969	0.9965
37.2	0.9979	0.9958	0.9978	0.9937	0.9975	0.9974	0.9969	0.9969
37.3	0.9981	0.9961	0.9973	0.9919	0.9973	0.9971	0.9961	0.9965
37.4	0.9978	0.9957	0.9975	0.9934	0.9973	0.9972	0.9965	0.9969
37.5	0.9979	0.9965	0.9975	0.9932	0.9974	0.9974	0.9972	0.9968
37.6	0.9974	0.9970	0.9975	0.9942	0.9975	0.9973	0.9972	0.9964
37.7	0.9966	0.9947	0.9959	0.9924	0.9963	0.9961	0.9957	0.9947
37.8	0.9968	0.9952	0.9959	0.9939	0.9972	0.9971	0.9962	0.9962
37.9	0.9945	0.9945	0.9947	0.9928	0.9952	0.9950	0.9943	0.9933
38.0	0.9947	0.9949	0.9940	0.9902	0.9961	0.9959	0.9955	0.9942
38.1	0.9966	0.9961	0.9959	0.9898	0.9975	0.9972	0.9964	0.9961
38.2	0.9964	0.9963	0.9965	0.9878	0.9974	0.9971	0.9956	0.9967
38.3	0.9964	0.9966	0.9971	0.9927	0.9977	0.9974	0.9960	0.9976
38.4	0.9960	0.9955	0.9956	0.9909	0.9971	0.9970	0.9950	0.9971
38.5	0.9950	0.9958	0.9953	0.9898	0.9966	0.9963	0.9946	0.9962
38.6	0.9968	0.9971	0.9959	0.9941	0.9978	0.9977	0.9961	0.9978
38.7	0.9948	0.9952	0.9948	0.9886	0.9964	0.9965	0.9941	0.9967
38.8	0.9937	0.9952	0.9943	0.9892	0.9963	0.9962	0.9946	0.9967
38.9	0.9931	0.9957	0.9933	0.9899	0.9969	0.9968	0.9954	0.9972
39.0	0.9944	0.9965	0.9938	0.9899	0.9969	0.9970	0.9959	0.9975
39.1	0.9945	0.9956	0.9941	0.9926	0.9979	0.9980	0.9973	0.9978
39.2	0.9930	0.9955	0.9922	0.9914	0.9976	0.9975	0.9964	0.9980
39.3	0.9909	0.9958	0.9925	0.9913	0.9970	0.9969	0.9959	0.9972
39.4	0.9882	0.9957	0.9901	0.9914	0.9964	0.9966	0.9951	0.9973
39.5	0.9876	0.9951	0.9881	0.9917	0.9961	0.9961	0.9948	0.9969
39.6	0.9854	0.9945	0.9866	0.9895	0.9967	0.9966	0.9953	0.9973
39.7	0.9800	0.9938	0.9802	0.9894	0.9958	0.9961	0.9951	0.9965
39.8	0.9846	0.9954	0.9857	0.9877	0.9969	0.9970	0.9965	0.9969
39.9	0.9780	0.9951	0.9841	0.9884	0.9965	0.9964	0.9958	0.9971
40.0	0.9616	0.9930	0.9780	0.9869	0.9959	0.9959	0.9951	0.9966
40.1	0.9662	0.9924	0.9792	0.9873	0.9964	0.9965	0.9959	0.9969
40.2	0.9604	0.9923	0.9786	0.9891	0.9961	0.9960	0.9958	0.9962
40.3	0.9356	0.9914	0.9804	0.9838	0.9954	0.9953	0.9947	0.9959
40.4	0.9253	0.9914	0.9834	0.9833	0.9959	0.9960	0.9951	0.9967
40.5	0.9102	0.9922	0.9822	0.9819	0.9960	0.9956	0.9947	0.9965
40.6	0.8979	0.9907	0.9824	0.9826	0.9959	0.9956	0.9949	0.9964
40.7	0.9136	0.9910	0.9810	0.9835	0.9973	0.9969	0.9963	0.9975
40.8	0.8993	0.9922	0.9783	0.9832	0.9960	0.9965	0.9951	0.9970
40.9	0.9021	0.9922	0.9750	0.9822	0.9953	0.9955	0.9941	0.9966
41.0	0.9029	0.9883	0.9700	0.9817	0.9940	0.9942	0.9927	0.9957
41.1	0.9112	0.9888	0.9683	0.9826	0.9959	0.9961	0.9950	0.9961
41.2	0.9368	0.9897	0.9731	0.9774	0.9959	0.9958	0.9952	0.9961
41.3	0.9566	0.9891	0.9806	0.9808	0.9964	0.9967	0.9962	0.9965
41.4	0.9645	0.9887	0.9846	0.9825	0.9967	0.9967	0.9957	0.9979
41.5	0.9645	0.9879	0.9767	0.9855	0.9962	0.9964	0.9955	0.9970
41.6	0.9738	0.9849	0.9695	0.9847	0.9956	0.9965	0.9943	0.9967
41.7	0.9798	0.9838	0.9780	0.9799	0.9953	0.9959	0.9938	0.9968
41.8	0.9806	0.9834	0.9779	0.9750	0.9963	0.9961	0.9946	0.9971
41.9	0.9812	0.9816	0.9765	0.9751	0.9958	0.9952	0.9950	0.9953
42.0	0.9844	0.9814	0.9825	0.9835	0.9960	0.9957	0.9953	0.9954
42.1	0.9910	0.9860	0.9812	0.9837	0.9959	0.9959	0.9950	0.9963
42.2	0.9893	0.9831	0.9751	0.9826	0.9964	0.9966	0.9958	0.9971
42.3	0.9839	0.9797	0.9717	0.9826	0.9959	0.9960	0.9941	0.9963

42.4	0.9898	0.9823	0.9815	0.9822	0.9964	0.9966	0.9944	0.9967
42.5	0.9901	0.9766	0.9849	0.9800	0.9954	0.9956	0.9944	0.9959
42.6	0.9901	0.9788	0.9888	0.9838	0.9952	0.9958	0.9937	0.9966
42.7	0.9887	0.9711	0.9792	0.9842	0.9944	0.9943	0.9913	0.9954
42.8	0.9867	0.9720	0.9711	0.9830	0.9951	0.9943	0.9928	0.9954
42.9	0.9868	0.9726	0.9806	0.9840	0.9948	0.9935	0.9947	0.9939
43.0	0.9871	0.9710	0.9872	0.9867	0.9927	0.9932	0.9926	0.9935
43.1	0.9884	0.9777	0.9871	0.9849	0.9950	0.9950	0.9940	0.9953
43.2	0.9903	0.9759	0.9830	0.9836	0.9939	0.9938	0.9912	0.9940
43.3	0.9892	0.9696	0.9825	0.9837	0.9928	0.9926	0.9915	0.9931
43.4	0.9909	0.9706	0.9859	0.9817	0.9947	0.9943	0.9942	0.9937
43.5	0.9919	0.9683	0.9855	0.9819	0.9929	0.9920	0.9910	0.9936
43.6	0.9905	0.9701	0.9874	0.9845	0.9923	0.9915	0.9901	0.9934
43.7	0.9901	0.9773	0.9848	0.9861	0.9921	0.9906	0.9896	0.9924
43.8	0.9902	0.9782	0.9853	0.9827	0.9919	0.9887	0.9875	0.9914
43.9	0.9930	0.9768	0.9843	0.9831	0.9948	0.9930	0.9920	0.9948
44.0	0.9910	0.9541	0.9712	0.9760	0.9920	0.9896	0.9892	0.9925
44.1	0.9898	0.9395	0.9771	0.9727	0.9915	0.9900	0.9859	0.9914
44.2	0.9917	0.9414	0.9804	0.9760	0.9902	0.9887	0.9880	0.9906
44.3	0.9900	0.9231	0.9811	0.9637	0.9854	0.9838	0.9849	0.9869
44.4	0.9914	0.9118	0.9821	0.9531	0.9900	0.9868	0.9882	0.9894
44.5	0.9891	0.8960	0.9801	0.9627	0.9864	0.9843	0.9815	0.9877
44.6	0.9876	0.9060	0.9735	0.9598	0.9841	0.9831	0.9740	0.9910
44.7	0.9890	0.9325	0.9709	0.9674	0.9894	0.9873	0.9811	0.9910
44.8	0.9901	0.9247	0.9754	0.9562	0.9866	0.9819	0.9766	0.9897
44.9	0.9908	0.9209	0.9675	0.9461	0.9859	0.9816	0.9781	0.9869
45.0	0.9895	0.9092	0.9699	0.9358	0.9769	0.9747	0.9662	0.9819
45.1	0.9873	0.8957	0.9715	0.9283	0.9715	0.9748	0.9681	0.9834
45.2	0.9871	0.9149	0.9678	0.9421	0.9825	0.9770	0.9793	0.9876
45.3	0.9878	0.9192	0.9732	0.9438	0.9854	0.9810	0.9827	0.9869
45.4	0.9832	0.8686	0.9594	0.8923	0.9732	0.9631	0.9620	0.9770
45.5	0.9839	0.8714	0.9667	0.8280	0.9620	0.9549	0.9449	0.9736
45.6	0.9853	0.8839	0.9752	0.8664	0.9694	0.9600	0.9642	0.9700
45.7	0.9831	0.8565	0.9654	0.8894	0.9732	0.9623	0.9667	0.9678
45.8	0.9813	0.8482	0.9537	0.8349	0.9657	0.9665	0.9593	0.9709
45.9	0.9858	0.8566	0.9693	0.6957	0.9765	0.9756	0.9684	0.9775
46.0	0.9854	0.8414	0.9654	0.7077	0.9777	0.9729	0.9799	0.9699
46.1	0.9868	0.8614	0.9628	0.6073	0.9832	0.9699	0.9733	0.9725
46.2	0.9847	0.8425	0.9428	0.5839	0.9724	0.9466	0.9615	0.9559
46.3	0.9869	0.8410	0.9644	0.2917	0.9820	0.9630	0.9653	0.9559
46.4	0.9830	0.8107	0.9608	0.2516	0.9795	0.9580	0.9570	0.9578
46.5	0.9834	0.8262	0.9660	0.7214	0.9770	0.9622	0.9548	0.9431
46.6	0.9827	0.8248	0.9570	0.8015	0.9596	0.9289	0.9289	0.8869
46.7	0.9852	0.8620	0.9613	0.7809	0.9560	0.9090	0.9184	0.8726
46.8	0.9864	0.8649	0.9645	0.6889	0.9563	0.9236	0.9208	0.8687
46.9	0.9855	0.8498	0.9577	0.5489	0.9549	0.9303	0.9179	0.8147
47.0	0.9869	0.8534	0.9667	0.7645	0.9596	0.9333	0.9372	0.8001
47.1	0.9900	0.8735	0.9650	0.8658	0.9668	0.9342	0.9527	0.8148
47.2	0.9905	0.8936	0.9656	0.8086	0.9634	0.9393	0.9481	0.8343
47.3	0.9848	0.8799	0.9594	0.6640	0.9490	0.9027	0.9427	0.7894
47.4	0.9836	0.9042	0.9620	0.6669	0.9508	0.8915	0.9382	0.7329
47.5	0.9827	0.8642	0.9452	0.6712	0.9491	0.8820	0.9297	0.6633
47.6	0.9888	0.8939	0.9124	0.7367	0.9320	0.8330	0.9166	0.4955
47.7	0.9881	0.9217	0.8337	0.7380	0.9030	0.7148	0.8823	0.3600
47.8	0.9864	0.9315	0.8415	0.7022	0.9198	0.7870	0.9144	0.4238
47.9	0.9838	0.9329	0.8459	0.6027	0.9164	0.8100	0.9198	0.2830
48.0	0.9854	0.9214	0.8968	0.7373	0.9471	0.8824	0.9505	0.4220
48.1	0.9860	0.9257	0.9495	0.8883	0.9639	0.9068	0.9778	0.5894
48.2	0.9847	0.9352	0.9642	0.8769	0.9639	0.9299	0.9846	0.5670
48.3	0.9846	0.9506	0.9557	0.8986	0.9695	0.9269	0.9853	0.5382
48.4	0.9796	0.9292	0.9463	0.8826	0.9568	0.9051	0.9765	0.5169
48.5	0.9712	0.9150	0.9217	0.8259	0.9270	0.8924	0.9572	0.2832
48.6	0.9648	0.9018	0.9239	0.7696	0.9189	0.8621	0.9429	0.0777
48.7	0.9671	0.9054	0.9159	0.8137	0.9334	0.8507	0.9513	0.0209
48.8	0.9670	0.9092	0.9093	0.8797	0.9448	0.9004	0.9586	0.0604
48.9	0.9665	0.9254	0.9293	0.9055	0.9542	0.9288	0.9719	0.1717
49.0	0.9451	0.8836	0.9046	0.8227	0.9272	0.8840	0.9495	0.1892
49.1	0.9330	0.8315	0.8842	0.7060	0.9176	0.8664	0.9311	0.3042
49.2	0.9330	0.8492	0.9000	0.7008	0.9316	0.8846	0.9421	0.4158
49.3	0.9351	0.8617	0.8709	0.6882	0.9372	0.8902	0.9398	0.3171
49.4	0.9035	0.7958	0.7909	0.5970	0.8898	0.8155	0.9114	0.1906
49.5	0.8981	0.7790	0.7195	0.5775	0.8850	0.8198	0.9055	0.3209
49.6	0.7253	0.5127	0.2698	0.1545	0.6021	0.5047	0.5886	0.1081
49.7	0.5974	0.3397	0.1910	0.0898	0.4109	0.3391	0.3863	0.0559
49.8	0.6698	0.4263	0.2933	0.1708	0.5262	0.4691	0.4822	0.1004
49.9	0.8441	0.6602	0.5609	0.4214	0.7771	0.7251	0.7592	0.2715
50.0	0.8945	0.7193	0.6810	0.5053	0.8680	0.8405	0.8786	0.4779
50.1	0.8642	0.5743	0.5614	0.3214	0.8545	0.8227	0.8523	0.3443
50.2	0.9194	0.7363	0.7539	0.5969	0.9162	0.8921	0.9239	0.5692
50.3	0.9351	0.8170	0.8641	0.7281	0.9359	0.9052	0.9468	0.6703
50.4	0.8961	0.7042	0.8228	0.5875	0.9156	0.8814	0.9241	0.5543
50.5	0.9079	0.6632	0.8726	0.6622	0.9390	0.9108	0.9392	0.6634
50.6	0.9174	0.7040	0.9024	0.7823	0.9259	0.9042	0.9415	0.7253
50.7	0.9202	0.7050	0.9351	0.8005	0.9214	0.9015	0.9501	0.7217
50.8	0.9254	0.7589	0.9415	0.8398	0.9191	0.8990	0.9568	0.7465
50.9	0.9111	0.6986	0.9335	0.8142	0.9036	0.8820	0.9474	0.7505

51.0	0.9225	0.8027	0.9499	0.8630	0.9235	0.8955	0.9545	0.7990
51.1	0.9425	0.8562	0.9575	0.9017	0.9345	0.9133	0.9563	0.8096
51.2	0.9547	0.8218	0.9506	0.8996	0.9158	0.9077	0.9476	0.7601
51.3	0.9186	0.6827	0.8833	0.8222	0.8618	0.8588	0.8975	0.6007
51.4	0.8873	0.6611	0.8276	0.7358	0.8645	0.8699	0.8826	0.6109
51.5	0.9284	0.7446	0.8960	0.7732	0.8653	0.8444	0.8929	0.6082
51.6	0.9463	0.8263	0.9454	0.8826	0.8223	0.7919	0.8931	0.5637
51.7	0.9485	0.9085	0.9557	0.9395	0.8715	0.8395	0.9208	0.6945
51.8	0.9608	0.9313	0.9592	0.9588	0.9116	0.9017	0.9447	0.7848
51.9	0.9461	0.9164	0.9587	0.9444	0.8155	0.7725	0.8801	0.5875
52.0	0.9377	0.9320	0.9532	0.9419	0.7548	0.6947	0.8387	0.4989
52.1	0.9491	0.9431	0.9635	0.9464	0.7883	0.7674	0.8710	0.5818
52.2	0.9602	0.9371	0.9678	0.9424	0.7987	0.7859	0.8764	0.6014
52.3	0.9537	0.9346	0.9705	0.9430	0.7764	0.6992	0.8607	0.4943
52.4	0.9458	0.9547	0.9702	0.9408	0.7704	0.6392	0.8372	0.5100
52.5	0.9387	0.9562	0.9687	0.9348	0.7906	0.6466	0.8168	0.5967
52.6	0.9583	0.9507	0.9721	0.9464	0.8052	0.6894	0.8416	0.6089
52.7	0.9545	0.9482	0.9737	0.9534	0.7993	0.6515	0.8387	0.5770
52.8	0.9449	0.9508	0.9666	0.9462	0.7566	0.5186	0.8009	0.5785
52.9	0.9536	0.9565	0.9702	0.9519	0.7736	0.5623	0.8121	0.5880
53.0	0.9698	0.9602	0.9765	0.9655	0.8104	0.6203	0.8201	0.6544
53.1	0.9674	0.9590	0.9782	0.9640	0.8268	0.5973	0.8310	0.7060
53.2	0.9534	0.9540	0.9709	0.9620	0.8155	0.5766	0.8059	0.6609
53.3	0.9325	0.9414	0.9522	0.9539	0.7358	0.4847	0.7362	0.5583
53.4	0.9403	0.9540	0.9501	0.9614	0.7745	0.5228	0.7689	0.5761
53.5	0.9403	0.9553	0.9646	0.9713	0.7744	0.4668	0.7667	0.5716
53.6	0.9477	0.9509	0.9542	0.9712	0.8247	0.5790	0.8212	0.7231
53.7	0.9584	0.9491	0.9695	0.9676	0.8587	0.6679	0.8568	0.7457
53.8	0.9545	0.9586	0.9585	0.9692	0.8514	0.6398	0.8485	0.7242
53.9	0.9614	0.9644	0.9591	0.9671	0.9003	0.7087	0.8855	0.7824
54.0	0.9672	0.9595	0.9674	0.9696	0.9216	0.7952	0.9166	0.8121
54.1	0.9647	0.9494	0.9550	0.9611	0.9021	0.7413	0.8936	0.7919
54.2	0.9600	0.9386	0.9500	0.9493	0.8839	0.6868	0.8543	0.8166
54.3	0.9666	0.9609	0.9569	0.9441	0.9092	0.7276	0.8723	0.8403
54.4	0.9726	0.9676	0.9592	0.9500	0.9308	0.7925	0.9062	0.8628
54.5	0.9703	0.9683	0.9706	0.9564	0.9361	0.7866	0.9140	0.8626
54.6	0.9592	0.9679	0.9744	0.9635	0.9300	0.8179	0.9166	0.8557
54.7	0.9610	0.9567	0.9693	0.9560	0.9301	0.8075	0.9180	0.8355
54.8	0.9749	0.9649	0.9754	0.9372	0.9484	0.8506	0.9389	0.8639
54.9	0.9769	0.9704	0.9779	0.9452	0.9619	0.8907	0.9542	0.9014
55.0	0.9722	0.9738	0.9699	0.9504	0.9620	0.8969	0.9509	0.9018
55.1	0.9713	0.9709	0.9521	0.9522	0.9578	0.9025	0.9451	0.9187
55.2	0.9708	0.9768	0.9573	0.9513	0.9633	0.9213	0.9585	0.9287
55.3	0.9657	0.9647	0.9545	0.9471	0.9464	0.9115	0.9523	0.9113
55.4	0.9705	0.9619	0.9663	0.9603	0.9587	0.9288	0.9620	0.9383
55.5	0.9781	0.9718	0.9709	0.9529	0.9748	0.9495	0.9764	0.9560
55.6	0.9815	0.9714	0.9632	0.9560	0.9773	0.9620	0.9794	0.9564
55.7	0.9787	0.9693	0.9614	0.9598	0.9788	0.9680	0.9811	0.9627
55.8	0.9752	0.9651	0.9583	0.9619	0.9761	0.9604	0.9791	0.9487
55.9	0.9828	0.9763	0.9728	0.9696	0.9805	0.9683	0.9826	0.9596
56.0	0.9756	0.9730	0.9650	0.9754	0.9741	0.9637	0.9797	0.9583
56.1	0.9661	0.9606	0.9671	0.9682	0.9752	0.9625	0.9792	0.9593
56.2	0.9753	0.9748	0.9743	0.9754	0.9843	0.9745	0.9870	0.9714
56.3	0.9824	0.9760	0.9750	0.9703	0.9857	0.9758	0.9875	0.9674
56.4	0.9850	0.9764	0.9761	0.9725	0.9901	0.9826	0.9893	0.9762
56.5	0.9830	0.9758	0.9685	0.9726	0.9893	0.9791	0.9886	0.9791
56.6	0.9827	0.9733	0.9649	0.9739	0.9880	0.9804	0.9871	0.9786
56.7	0.9816	0.9765	0.9640	0.9686	0.9875	0.9800	0.9863	0.9782
56.8	0.9804	0.9748	0.9663	0.9689	0.9884	0.9803	0.9874	0.9816
56.9	0.9796	0.9747	0.9688	0.9645	0.9880	0.9785	0.9866	0.9759
57.0	0.9835	0.9771	0.9728	0.9726	0.9901	0.9799	0.9887	0.9823
57.1	0.9814	0.9750	0.9685	0.9706	0.9902	0.9807	0.9896	0.9841
57.2	0.9759	0.9653	0.9577	0.9552	0.9844	0.9729	0.9855	0.9799
57.3	0.9756	0.9703	0.9553	0.9664	0.9860	0.9759	0.9873	0.9800
57.4	0.9769	0.9632	0.9631	0.9615	0.9894	0.9846	0.9900	0.9800
57.5	0.9723	0.9666	0.9663	0.9641	0.9889	0.9822	0.9899	0.9824
57.6	0.9775	0.9770	0.9786	0.9710	0.9921	0.9877	0.9915	0.9836
57.7	0.9807	0.9788	0.9777	0.9688	0.9923	0.9890	0.9915	0.9872
57.8	0.9820	0.9781	0.9862	0.9729	0.9923	0.9890	0.9931	0.9874
57.9	0.9677	0.9738	0.9746	0.9640	0.9906	0.9849	0.9899	0.9799
58.0	0.9724	0.9728	0.9707	0.9655	0.9906	0.9822	0.9897	0.9854
58.1	0.9827	0.9816	0.9745	0.9718	0.9920	0.9890	0.9923	0.9867
58.2	0.9825	0.9823	0.9792	0.9728	0.9915	0.9893	0.9921	0.9881
58.3	0.9829	0.9785	0.9803	0.9653	0.9897	0.9867	0.9917	0.9868
58.4	0.9831	0.9757	0.9782	0.9563	0.9914	0.9890	0.9914	0.9871
58.5	0.9826	0.9793	0.9756	0.9573	0.9919	0.9872	0.9907	0.9881
58.6	0.9781	0.9763	0.9775	0.9650	0.9919	0.9869	0.9906	0.9874
58.7	0.9871	0.9812	0.9840	0.9672	0.9937	0.9906	0.9926	0.9903
58.8	0.9888	0.9838	0.9867	0.9716	0.9944	0.9915	0.9937	0.9921
58.9	0.9831	0.9796	0.9862	0.9663	0.9949	0.9919	0.9951	0.9933
59.0	0.9772	0.9719	0.9821	0.9532	0.9929	0.9872	0.9910	0.9893
59.1	0.9798	0.9762	0.9795	0.9639	0.9919	0.9867	0.9908	0.9903
59.2	0.9789	0.9855	0.9776	0.9671	0.9914	0.9874	0.9906	0.9896
59.3	0.9747	0.9808	0.9754	0.9639	0.9914	0.9875	0.9905	0.9864
59.4	0.9829	0.9737	0.9760	0.9410	0.9908	0.9895	0.9907	0.9858
59.5	0.9789	0.9808	0.9773	0.9430	0.9920	0.9907	0.9920	0.9906

59.6	0.9647	0.9709	0.9748	0.9288	0.9892	0.9862	0.9883	0.9876
59.7	0.9676	0.9700	0.9713	0.9420	0.9899	0.9884	0.9879	0.9858
59.8	0.9487	0.9504	0.9542	0.9095	0.9879	0.9834	0.9880	0.9811
59.9	0.1179	0.1181	0.2652	0.3062	0.9405	0.9108	0.9596	0.8534
60.0	0.0242	0.0473	0.0203	0.0286	0.7147	0.6058	0.8272	0.4763
60.1	0.0765	0.0978	0.1171	0.1314	0.8700	0.8201	0.9226	0.7470
60.2	0.9395	0.9376	0.9539	0.8932	0.9911	0.9886	0.9900	0.9911
60.3	0.9616	0.9620	0.9755	0.8919	0.9910	0.9871	0.9907	0.9913
60.4	0.9624	0.9665	0.9817	0.8705	0.9906	0.9876	0.9908	0.9919
60.5	0.9663	0.9681	0.9801	0.8695	0.9906	0.9862	0.9879	0.9894
60.6	0.9700	0.9709	0.9773	0.9094	0.9905	0.9873	0.9888	0.9888
60.7	0.9630	0.9704	0.9773	0.8908	0.9914	0.9891	0.9910	0.9884
60.8	0.9600	0.9693	0.9800	0.8806	0.9916	0.9891	0.9912	0.9896
60.9	0.9646	0.9699	0.9826	0.8898	0.9918	0.9904	0.9905	0.9894
61.0	0.9664	0.9668	0.9832	0.8772	0.9869	0.9867	0.9863	0.9866
61.1	0.9617	0.9687	0.9708	0.8431	0.9844	0.9825	0.9834	0.9825
61.2	0.9610	0.9606	0.9666	0.8395	0.9851	0.9828	0.9848	0.9826
61.3	0.9636	0.9605	0.9759	0.8667	0.9886	0.9873	0.9883	0.9871
61.4	0.9685	0.9572	0.9796	0.8568	0.9877	0.9844	0.9871	0.9864
61.5	0.9726	0.9712	0.9825	0.8508	0.9885	0.9855	0.9878	0.9873
61.6	0.9748	0.9722	0.9842	0.8764	0.9891	0.9878	0.9885	0.9876
61.7	0.9712	0.9724	0.9836	0.8440	0.9879	0.9861	0.9889	0.9856
61.8	0.9762	0.9750	0.9861	0.8474	0.9907	0.9895	0.9904	0.9885
61.9	0.9726	0.9712	0.9826	0.8057	0.9905	0.9887	0.9894	0.9878
62.0	0.9726	0.9645	0.9804	0.8326	0.9876	0.9855	0.9867	0.9851
62.1	0.9800	0.9742	0.9867	0.8984	0.9912	0.9897	0.9908	0.9896
62.2	0.9713	0.9626	0.9850	0.8216	0.9884	0.9858	0.9886	0.9861
62.3	0.9671	0.9628	0.9738	0.7554	0.9873	0.9841	0.9866	0.9836
62.4	0.9699	0.9649	0.9776	0.7910	0.9897	0.9879	0.9885	0.9863
62.5	0.9682	0.9659	0.9818	0.7738	0.9887	0.9865	0.9868	0.9872
62.6	0.9719	0.9763	0.9854	0.7700	0.9899	0.9885	0.9891	0.9892
62.7	0.9789	0.9772	0.9892	0.8292	0.9929	0.9916	0.9912	0.9924
62.8	0.9720	0.9726	0.9850	0.7398	0.9915	0.9897	0.9899	0.9903
62.9	0.9740	0.9731	0.9857	0.7290	0.9895	0.9878	0.9887	0.9886
63.0	0.9762	0.9734	0.9871	0.6903	0.9902	0.9881	0.9889	0.9887
63.1	0.9745	0.9734	0.9837	0.6578	0.9889	0.9863	0.9865	0.9883
63.2	0.9709	0.9772	0.9868	0.7306	0.9914	0.9896	0.9898	0.9917
63.3	0.9691	0.9748	0.9848	0.6636	0.9908	0.9892	0.9906	0.9914
63.4	0.9702	0.9774	0.9853	0.7093	0.9934	0.9922	0.9934	0.9924
63.5	0.9561	0.9750	0.9805	0.7157	0.9901	0.9877	0.9885	0.9885
63.6	0.9531	0.9724	0.9789	0.5880	0.9890	0.9864	0.9884	0.9880
63.7	0.9513	0.9669	0.9757	0.6003	0.9902	0.9885	0.9898	0.9881
63.8	0.9601	0.9711	0.9815	0.6569	0.9905	0.9892	0.9907	0.9887
63.9	0.9583	0.9783	0.9831	0.6183	0.9929	0.9913	0.9925	0.9913
64.0	0.9610	0.9788	0.9820	0.6107	0.9938	0.9936	0.9938	0.9931
64.1	0.9646	0.9782	0.9781	0.6795	0.9939	0.9929	0.9933	0.9933
64.2	0.9621	0.9782	0.9786	0.7048	0.9924	0.9903	0.9910	0.9904
64.3	0.9691	0.9748	0.9776	0.6945	0.9911	0.9896	0.9904	0.9899
64.4	0.9708	0.9767	0.9768	0.6626	0.9914	0.9901	0.9915	0.9910
64.5	0.9678	0.9795	0.9692	0.7338	0.9916	0.9916	0.9916	0.9913
64.6	0.9696	0.9777	0.9593	0.7344	0.9927	0.9915	0.9924	0.9920
64.7	0.9675	0.9747	0.9695	0.6058	0.9878	0.9860	0.9869	0.9860
64.8	0.9685	0.9812	0.9731	0.7781	0.9884	0.9882	0.9883	0.9878
64.9	0.9696	0.9767	0.9619	0.8292	0.9859	0.9851	0.9853	0.9857
65.0	0.9601	0.9671	0.9645	0.8206	0.9806	0.9789	0.9808	0.9808
65.1	0.9678	0.9642	0.9631	0.8287	0.9798	0.9780	0.9793	0.9797
65.2	0.9751	0.9675	0.9614	0.8512	0.9822	0.9796	0.9816	0.9821
65.3	0.9820	0.9776	0.9612	0.8875	0.9864	0.9860	0.9874	0.9863
65.4	0.9843	0.9814	0.9650	0.9303	0.9899	0.9894	0.9901	0.9897
65.5	0.9840	0.9781	0.9744	0.9251	0.9869	0.9870	0.9871	0.9864
65.6	0.9766	0.9696	0.9711	0.9179	0.9802	0.9805	0.9801	0.9798
65.7	0.9733	0.9642	0.9757	0.9299	0.9766	0.9756	0.9770	0.9762
65.8	0.9755	0.9724	0.9655	0.9460	0.9822	0.9819	0.9825	0.9808
65.9	0.9867	0.9827	0.9736	0.9534	0.9889	0.9889	0.9885	0.9886
66.0	0.9813	0.9727	0.9719	0.9518	0.9821	0.9820	0.9818	0.9814
66.1	0.9852	0.9689	0.9795	0.9605	0.9829	0.9826	0.9824	0.9824
66.2	0.9860	0.9649	0.9815	0.9648	0.9816	0.9819	0.9815	0.9815
66.3	0.9831	0.9614	0.9715	0.9667	0.9786	0.9790	0.9791	0.9791
66.4	0.9793	0.9535	0.9657	0.9517	0.9762	0.9760	0.9769	0.9748
66.5	0.9872	0.9652	0.9681	0.9662	0.9852	0.9856	0.9855	0.9848
66.6	0.9904	0.9735	0.9747	0.9749	0.9879	0.9885	0.9884	0.9884
66.7	0.9873	0.9683	0.9683	0.9711	0.9848	0.9864	0.9856	0.9865
66.8	0.9857	0.9652	0.9649	0.9712	0.9851	0.9859	0.9853	0.9862
66.9	0.9865	0.9598	0.9657	0.9712	0.9848	0.9847	0.9851	0.9853
67.0	0.9905	0.9579	0.9667	0.9752	0.9822	0.9836	0.9827	0.9840
67.1	0.9915	0.9686	0.9777	0.9846	0.9865	0.9870	0.9864	0.9871
67.2	0.9892	0.9665	0.9669	0.9796	0.9869	0.9884	0.9872	0.9881
67.3	0.9897	0.9600	0.9671	0.9744	0.9850	0.9864	0.9856	0.9863
67.4	0.9929	0.9721	0.9780	0.9851	0.9895	0.9901	0.9900	0.9900
67.5	0.9891	0.9546	0.9675	0.9845	0.9830	0.9843	0.9831	0.9834
67.6	0.9887	0.9441	0.9559	0.9799	0.9820	0.9827	0.9818	0.9831
67.7	0.9889	0.9534	0.9556	0.9766	0.9818	0.9830	0.9819	0.9831
67.8	0.9926	0.9654	0.9686	0.9853	0.9862	0.9872	0.9863	0.9874
67.9	0.9924	0.9667	0.9659	0.9842	0.9876	0.9885	0.9877	0.9886
68.0	0.9887	0.9573	0.9558	0.9782	0.9820	0.9837	0.9825	0.9836
68.1	0.9885	0.9405	0.9426	0.9734	0.9787	0.9798	0.9794	0.9803

68.2	0.9922	0.9523	0.9584	0.9814	0.9846	0.9859	0.9847	0.9866
68.3	0.9924	0.9604	0.9556	0.9857	0.9870	0.9882	0.9873	0.9896
68.4	0.9891	0.9419	0.9563	0.9819	0.9806	0.9820	0.9803	0.9826
68.5	0.9895	0.9344	0.9546	0.9850	0.9814	0.9828	0.9812	0.9831
68.6	0.9902	0.9320	0.9479	0.9828	0.9846	0.9855	0.9836	0.9867
68.7	0.9906	0.9435	0.9554	0.9833	0.9843	0.9857	0.9848	0.9851
68.8	0.9890	0.9354	0.9626	0.9831	0.9811	0.9824	0.9816	0.9827
68.9	0.9916	0.9382	0.9652	0.9851	0.9823	0.9839	0.9817	0.9851
69.0	0.9910	0.9447	0.9692	0.9883	0.9832	0.9851	0.9831	0.9852
69.1	0.9932	0.9536	0.9732	0.9870	0.9896	0.9901	0.9897	0.9902
69.2	0.9880	0.9415	0.9632	0.9826	0.9822	0.9839	0.9827	0.9847
69.3	0.9841	0.9150	0.9645	0.9751	0.9758	0.9787	0.9753	0.9789
69.4	0.9899	0.9377	0.9721	0.9837	0.9825	0.9842	0.9821	0.9861
69.5	0.9898	0.9328	0.9702	0.9847	0.9783	0.9819	0.9794	0.9836
69.6	0.9824	0.8814	0.9482	0.9774	0.9606	0.9676	0.9621	0.9714
69.7	0.9817	0.8770	0.9447	0.9727	0.9615	0.9689	0.9620	0.9731
69.8	0.9854	0.9084	0.9639	0.9789	0.9753	0.9787	0.9735	0.9798
69.9	0.9863	0.8967	0.9647	0.9811	0.9764	0.9796	0.9753	0.9811
70.0	0.9841	0.8729	0.9543	0.9778	0.9673	0.9730	0.9674	0.9759
70.1	0.9873	0.8956	0.9625	0.9841	0.9758	0.9790	0.9751	0.9834
70.2	0.9883	0.9104	0.9692	0.9880	0.9765	0.9811	0.9758	0.9845
70.3	0.9791	0.8735	0.9614	0.9867	0.9617	0.9679	0.9599	0.9710
70.4	0.9820	0.8632	0.9730	0.9868	0.9639	0.9695	0.9617	0.9734
70.5	0.9822	0.8562	0.9704	0.9831	0.9629	0.9669	0.9616	0.9731
70.6	0.9843	0.8659	0.9683	0.9820	0.9630	0.9684	0.9637	0.9730
70.7	0.9828	0.8747	0.9681	0.9821	0.9653	0.9705	0.9654	0.9715
70.8	0.9794	0.8338	0.9617	0.9756	0.9611	0.9676	0.9635	0.9686
70.9	0.9812	0.8153	0.9642	0.9784	0.9639	0.9698	0.9645	0.9724
71.0	0.9841	0.8415	0.9744	0.9811	0.9637	0.9703	0.9674	0.9717
71.1	0.9795	0.8233	0.9780	0.9779	0.9521	0.9614	0.9583	0.9636
71.2	0.9787	0.8353	0.9670	0.9808	0.9569	0.9648	0.9610	0.9671
71.3	0.9820	0.8433	0.9697	0.9845	0.9597	0.9658	0.9625	0.9695
71.4	0.9779	0.8297	0.9703	0.9804	0.9504	0.9601	0.9568	0.9617
71.5	0.9816	0.8440	0.9713	0.9815	0.9596	0.9699	0.9674	0.9696
71.6	0.9819	0.8764	0.9723	0.9822	0.9640	0.9734	0.9695	0.9732
71.7	0.9829	0.8547	0.9783	0.9804	0.9624	0.9710	0.9683	0.9729
71.8	0.9759	0.8283	0.9739	0.9775	0.9511	0.9616	0.9605	0.9632
71.9	0.9788	0.8180	0.9779	0.9793	0.9482	0.9614	0.9624	0.9614
72.0	0.9700	0.6950	0.9739	0.9727	0.9228	0.9408	0.9436	0.9390
72.1	0.9639	0.6762	0.9639	0.9685	0.9079	0.9334	0.9305	0.9292
72.2	0.9747	0.8107	0.9751	0.9769	0.9399	0.9582	0.9564	0.9524
72.3	0.9727	0.7910	0.9774	0.9768	0.9430	0.9578	0.9555	0.9519
72.4	0.9774	0.8002	0.9802	0.9781	0.9571	0.9673	0.9659	0.9621
72.5	0.9741	0.7562	0.9779	0.9769	0.9400	0.9567	0.9532	0.9566
72.6	0.9672	0.7075	0.9639	0.9722	0.9189	0.9414	0.9378	0.9416
72.7	0.9724	0.7886	0.9678	0.9805	0.9375	0.9535	0.9511	0.9521
72.8	0.9773	0.7640	0.9715	0.9800	0.9347	0.9573	0.9541	0.9543
72.9	0.9703	0.6697	0.9690	0.9777	0.9142	0.9436	0.9371	0.9359
73.0	0.9549	0.5782	0.9616	0.9681	0.8746	0.9125	0.9034	0.9016
73.1	0.9591	0.5965	0.9613	0.9667	0.8729	0.9172	0.9091	0.9050
73.2	0.9700	0.6577	0.9757	0.9735	0.9014	0.9378	0.9286	0.9300
73.3	0.9721	0.6682	0.9734	0.9753	0.9100	0.9420	0.9342	0.9301
73.4	0.9703	0.6257	0.9693	0.9773	0.9036	0.9405	0.9326	0.9301
73.5	0.9616	0.5302	0.9606	0.9752	0.8573	0.9167	0.9006	0.9132
73.6	0.9523	0.4944	0.9525	0.9716	0.8200	0.9022	0.8739	0.8975
73.7	0.9504	0.5149	0.9574	0.9693	0.8044	0.8911	0.8674	0.8849
73.8	0.9649	0.5818	0.9719	0.9798	0.8543	0.9237	0.9023	0.9170
73.9	0.9682	0.5794	0.9709	0.9796	0.8727	0.9340	0.9128	0.9298
74.0	0.9681	0.5424	0.9638	0.9768	0.8425	0.9267	0.9003	0.9221
74.1	0.9654	0.4180	0.9715	0.9762	0.7865	0.9106	0.8742	0.9002
74.2	0.9684	0.5459	0.9760	0.9819	0.7977	0.9191	0.8837	0.9092
74.3	0.9507	0.3828	0.9621	0.9678	0.6681	0.8748	0.8246	0.8646
74.4	0.9473	0.3899	0.9544	0.9620	0.6984	0.8804	0.8226	0.8747
74.5	0.9478	0.3607	0.9545	0.9699	0.6457	0.8681	0.7988	0.8642
74.6	0.9514	0.3133	0.9614	0.9777	0.5569	0.8528	0.7643	0.8516
74.7	0.9448	0.3263	0.9600	0.9713	0.5577	0.8583	0.7658	0.8385
74.8	0.9453	0.3404	0.9605	0.9709	0.5261	0.8543	0.7607	0.8416
74.9	0.9526	0.3816	0.9647	0.9728	0.5346	0.8679	0.7765	0.8726
75.0	0.9477	0.4157	0.9557	0.9623	0.5226	0.8698	0.7503	0.8695
75.1	0.9421	0.3671	0.9521	0.9559	0.5152	0.8562	0.6887	0.8612
75.2	0.9362	0.1925	0.9456	0.9621	0.5223	0.8248	0.5912	0.8616
75.3	0.9297	0.1220	0.9498	0.9575	0.5537	0.8217	0.5435	0.8670
75.4	0.9362	0.2781	0.9558	0.9685	0.4528	0.8235	0.4573	0.8609
75.5	0.9421	0.3266	0.9539	0.9654	0.5419	0.8135	0.3929	0.8789
75.6	0.9358	0.2757	0.9531	0.9566	0.6407	0.8145	0.3281	0.8537
75.7	0.9318	0.3000	0.9557	0.9473	0.6383	0.7954	0.2657	0.8714
75.8	0.9318	0.4343	0.9538	0.9560	0.7102	0.7672	0.1440	0.8806
75.9	0.9357	0.3561	0.9545	0.9680	0.8210	0.8182	0.2589	0.9098
76.0	0.9419	0.3235	0.9425	0.9642	0.8114	0.8454	0.3788	0.9086
76.1	0.9375	0.3359	0.9410	0.9670	0.8443	0.8596	0.4442	0.9110
76.2	0.9411	0.4234	0.9419	0.9700	0.9000	0.8701	0.5124	0.9246
76.3	0.9504	0.3705	0.9423	0.9679	0.9240	0.9060	0.6726	0.9395
76.4	0.9202	0.3474	0.9255	0.9534	0.9186	0.8911	0.7497	0.9096
76.5	0.8991	0.4166	0.9345	0.9527	0.9122	0.8753	0.7990	0.8934
76.6	0.8998	0.3937	0.9308	0.9563	0.9334	0.8642	0.8340	0.8879
76.7	0.9147	0.3325	0.9197	0.9592	0.9307	0.8811	0.8610	0.9050

76.8	0.8884	0.2061	0.9094	0.9413	0.9184	0.8791	0.8727	0.8450
76.9	0.8776	0.2356	0.9189	0.9288	0.9115	0.8766	0.8800	0.8137
77.0	0.8761	0.3993	0.9118	0.9280	0.8960	0.8616	0.8972	0.8226
77.1	0.8945	0.3321	0.9191	0.9325	0.9028	0.8650	0.9126	0.8107
77.2	0.8864	0.2642	0.9004	0.9290	0.8912	0.8671	0.9315	0.7660
77.3	0.8835	0.3198	0.8979	0.9303	0.8976	0.8331	0.9418	0.8044
77.4	0.8878	0.2458	0.9165	0.9432	0.8961	0.8395	0.9409	0.7870
77.5	0.8866	0.3922	0.9152	0.9392	0.9000	0.8358	0.9351	0.7749
77.6	0.8414	0.3511	0.8720	0.9172	0.8576	0.7975	0.9192	0.7624
77.7	0.8764	0.2999	0.9098	0.9364	0.9039	0.8474	0.9459	0.7784
77.8	0.8964	0.4346	0.9255	0.9401	0.9102	0.8711	0.9602	0.7719
77.9	0.8896	0.5526	0.9125	0.9397	0.8775	0.8424	0.9516	0.7411
78.0	0.8506	0.4752	0.8594	0.9339	0.8161	0.7576	0.9394	0.6544
78.1	0.8939	0.3243	0.8883	0.9409	0.8692	0.8284	0.9491	0.6858
78.2	0.8918	0.3180	0.8618	0.9192	0.8706	0.8142	0.9390	0.7227
78.3	0.8548	0.4049	0.8356	0.9159	0.8372	0.7896	0.9342	0.6991
78.4	0.8658	0.4030	0.8704	0.9389	0.8618	0.7952	0.9333	0.6745
78.5	0.8664	0.3287	0.8620	0.9284	0.8145	0.7425	0.9164	0.5813
78.6	0.8657	0.3181	0.8561	0.9214	0.8238	0.7818	0.9296	0.6240
78.7	0.8624	0.4025	0.8055	0.9114	0.8423	0.7924	0.9229	0.4294
78.8	0.8879	0.3975	0.8529	0.9197	0.8596	0.8101	0.9293	0.3859
78.9	0.8984	0.3852	0.8653	0.9397	0.8741	0.8461	0.9473	0.4152
79.0	0.8696	0.3942	0.8566	0.9208	0.8279	0.7894	0.9149	0.4130
79.1	0.8513	0.2055	0.8402	0.9181	0.8251	0.8004	0.8958	0.4851
79.2	0.8216	0.2889	0.8117	0.9114	0.8196	0.8015	0.8889	0.4202
79.3	0.8812	0.4823	0.8304	0.9352	0.8321	0.8319	0.9153	0.6016
79.4	0.8925	0.4790	0.8582	0.9441	0.8507	0.8495	0.9373	0.6697
79.5	0.8720	0.3668	0.8470	0.9208	0.8432	0.8152	0.9361	0.6494
79.6	0.8728	0.3780	0.8354	0.9145	0.8188	0.7566	0.9294	0.5160
79.7	0.8875	0.3859	0.8387	0.9315	0.8191	0.8150	0.9404	0.5185
79.8	0.8609	0.4162	0.8258	0.9108	0.7552	0.7335	0.9282	0.5677
79.9	0.8267	0.3238	0.7217	0.8874	0.6968	0.6711	0.8985	0.5291
80.0	0.8666	0.3790	0.7647	0.9069	0.7836	0.7621	0.9275	0.5472

1.2.22 Run 6 – VT000 – SF and shaft bending gauges

Vertical shaking at 0°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.5316	0.6406	0.4319	0.8314	0.2810	0.7942	0.1323	0.5006
0.1	0.0958	0.3240	0.0212	0.8442	0.2238	0.7720	0.8508	0.1028
0.2	0.0435	0.5548	0.9433	0.9752	0.9998	0.9790	0.9998	0.1887
0.3	0.0187	0.1803	0.9552	0.9664	0.9998	0.9412	0.9997	0.1538
0.4	0.0575	0.2260	0.9164	0.9187	0.9986	0.7013	0.9989	0.2492
0.5	0.2049	0.4050	0.8153	0.9292	0.9934	0.7767	0.9958	0.1818
0.6	0.1413	0.5145	0.9434	0.9711	0.9972	0.9092	0.9978	0.0742
0.7	0.0774	0.0762	0.9437	0.9393	0.9997	0.7858	0.9997	0.2199
0.8	0.2661	0.3112	0.6396	0.7195	0.9971	0.4874	0.9979	0.2793
0.9	0.7306	0.7780	0.5120	0.9276	0.9985	0.8646	0.9987	0.7115
1.0	0.8608	0.9127	0.7464	0.9824	0.9985	0.9629	0.9991	0.8574
1.1	0.8849	0.9713	0.9676	0.9951	0.9980	0.9947	0.9988	0.9551
1.2	0.9253	0.9857	0.9839	0.9970	0.9998	0.9978	0.9998	0.9792
1.3	0.9199	0.9881	0.9835	0.9969	0.9999	0.9984	0.9999	0.9829
1.4	0.8915	0.9789	0.9803	0.9970	0.9999	0.9987	0.9999	0.9846
1.5	0.8006	0.9206	0.9686	0.9960	0.9998	0.9987	0.9999	0.9835
1.6	0.8471	0.8134	0.9733	0.9955	0.9997	0.9989	0.9998	0.9858
1.7	0.9434	0.9607	0.9795	0.9968	0.9997	0.9991	0.9999	0.9867
1.8	0.9409	0.9748	0.9808	0.9964	0.9992	0.9991	0.9995	0.9855
1.9	0.9252	0.9706	0.9599	0.9957	0.9974	0.9982	0.9983	0.9767
2.0	0.7425	0.8847	0.7906	0.9790	0.9967	0.9982	0.9978	0.9749
2.1	0.4847	0.6031	0.4147	0.8705	0.9977	0.9972	0.9986	0.9698
2.2	0.4611	0.4016	0.7568	0.7686	0.9991	0.9974	0.9994	0.9801
2.3	0.7570	0.3695	0.9664	0.9511	0.9994	0.9986	0.9996	0.9854
2.4	0.5951	0.6649	0.9842	0.9912	0.9989	0.9985	0.9992	0.9707
2.5	0.5518	0.8744	0.9867	0.9935	0.9987	0.9980	0.9990	0.9651
2.6	0.2435	0.9240	0.9900	0.9957	0.9994	0.9981	0.9996	0.9728
2.7	0.0722	0.9495	0.9910	0.9964	0.9997	0.9989	0.9998	0.9856
2.8	0.1066	0.9249	0.9844	0.9954	0.9998	0.9991	0.9999	0.9898
2.9	0.1559	0.9258	0.9816	0.9947	0.9999	0.9989	0.9999	0.9853
3.0	0.2800	0.9235	0.9817	0.9934	0.9997	0.9986	0.9998	0.9812
3.1	0.2700	0.9129	0.9763	0.9911	0.9988	0.9967	0.9993	0.9685
3.2	0.2977	0.9152	0.9672	0.9861	0.9985	0.9968	0.9990	0.9691
3.3	0.2572	0.9073	0.9641	0.9817	0.9971	0.9961	0.9982	0.9532
3.4	0.2136	0.9015	0.9466	0.9846	0.9979	0.9961	0.9986	0.9652
3.5	0.3152	0.8331	0.9262	0.9810	0.9966	0.9939	0.9978	0.9547
3.6	0.1037	0.7620	0.8859	0.9625	0.9914	0.9893	0.9941	0.9149
3.7	0.0296	0.8320	0.9480	0.9774	0.9974	0.9964	0.9981	0.9201
3.8	0.5092	0.9788	0.9942	0.9978	0.9999	0.9997	0.9999	0.9944
3.9	0.8372	0.9950	0.9984	0.9992	1.0000	0.9999	1.0000	0.9985
4.0	0.8510	0.9963	0.9987	0.9994	1.0000	0.9999	1.0000	0.9991
4.1	0.7572	0.9942	0.9982	0.9992	1.0000	0.9999	1.0000	0.9989
4.2	0.6881	0.9897	0.9972	0.9990	1.0000	0.9998	1.0000	0.9973
4.3	0.5728	0.9883	0.9960	0.9989	1.0000	0.9998	1.0000	0.9972
4.4	0.4459	0.9800	0.9927	0.9975	0.9999	0.9996	0.9999	0.9948
4.5	0.5609	0.9718	0.9889	0.9960	0.9999	0.9993	0.9999	0.9906
4.6	0.4502	0.9618	0.9873	0.9942	0.9998	0.9989	0.9999	0.9868
4.7	0.7466	0.9453	0.9756	0.9936	0.9998	0.9986	0.9999	0.9828
4.8	0.7808	0.9448	0.9618	0.9919	0.9998	0.9983	0.9999	0.9805
4.9	0.7246	0.9353	0.9501	0.9883	0.9998	0.9980	0.9999	0.9756
5.0	0.5778	0.9196	0.9592	0.9899	0.9997	0.9984	0.9998	0.9798
5.1	0.6465	0.9668	0.9831	0.9961	0.9999	0.9993	0.9999	0.9910
5.2	0.6817	0.9643	0.9823	0.9955	0.9999	0.9991	0.9999	0.9900
5.3	0.4735	0.9351	0.9633	0.9914	0.9998	0.9977	0.9998	0.9737
5.4	0.3691	0.8576	0.9224	0.9851	0.9994	0.9935	0.9996	0.9302
5.5	0.2778	0.6417	0.8585	0.9458	0.9977	0.9862	0.9987	0.8737
5.6	0.2176	0.0250	0.8776	0.9137	0.9982	0.9845	0.9988	0.8286
5.7	0.4795	0.6491	0.9413	0.9695	0.9993	0.9944	0.9995	0.9248
5.8	0.7294	0.9375	0.9788	0.9928	0.9998	0.9979	0.9999	0.9728
5.9	0.8341	0.9645	0.9808	0.9959	0.9999	0.9988	0.9999	0.9862
6.0	0.8628	0.9706	0.9836	0.9966	1.0000	0.9996	1.0000	0.9952
6.1	0.9389	0.9873	0.9922	0.9987	1.0000	0.9998	1.0000	0.9979
6.2	0.9141	0.9879	0.9948	0.9994	1.0000	0.9999	1.0000	0.9984
6.3	0.9520	0.9946	0.9978	0.9997	1.0000	0.9999	1.0000	0.9988
6.4	0.9592	0.9969	0.9985	0.9996	1.0000	0.9999	1.0000	0.9985
6.5	0.9271	0.9966	0.9983	0.9996	1.0000	0.9999	1.0000	0.9983
6.6	0.8341	0.9948	0.9977	0.9993	1.0000	0.9998	1.0000	0.9981
6.7	0.7451	0.9948	0.9972	0.9989	1.0000	0.9998	1.0000	0.9979
6.8	0.7670	0.9923	0.9954	0.9973	0.9999	0.9998	1.0000	0.9973
6.9	0.7109	0.9874	0.9883	0.9931	0.9995	0.9996	0.9998	0.9971
7.0	0.0795	0.9800	0.9714	0.9867	0.9981	0.9987	0.9992	0.9956
7.1	0.4053	0.9318	0.9400	0.9712	0.9953	0.9965	0.9981	0.9940
7.2	0.6694	0.8547	0.8998	0.9555	0.9949	0.9957	0.9977	0.9926
7.3	0.7920	0.9287	0.8948	0.9787	0.9978	0.9976	0.9990	0.9938
7.4	0.8758	0.9779	0.8630	0.9564	0.9983	0.9987	0.9992	0.9968
7.5	0.8958	0.9871	0.7902	0.9568	0.9992	0.9993	0.9996	0.9964
7.6	0.9326	0.9916	0.8296	0.9802	0.9998	0.9997	0.9999	0.9964
7.7	0.9509	0.9940	0.9299	0.9936	1.0000	0.9998	1.0000	0.9973
7.8	0.9577	0.9928	0.9737	0.9964	1.0000	0.9997	1.0000	0.9963
7.9	0.9663	0.9947	0.9862	0.9982	1.0000	0.9997	1.0000	0.9968

8.0	0.9502	0.9926	0.9785	0.9973	0.9999	0.9997	1.0000	0.9966
8.1	0.9507	0.9925	0.9816	0.9977	1.0000	0.9997	1.0000	0.9971
8.2	0.9422	0.9895	0.9776	0.9984	0.9999	0.9996	0.9999	0.9953
8.3	0.9474	0.9912	0.9867	0.9984	0.9999	0.9997	1.0000	0.9970
8.4	0.9435	0.9909	0.9900	0.9979	0.9999	0.9997	0.9999	0.9971
8.5	0.9586	0.9894	0.9912	0.9977	0.9999	0.9996	0.9999	0.9965
8.6	0.9614	0.9899	0.9908	0.9980	0.9999	0.9997	0.9999	0.9976
8.7	0.9493	0.9901	0.9875	0.9980	0.9998	0.9996	0.9999	0.9969
8.8	0.9612	0.9872	0.9868	0.9981	0.9997	0.9995	0.9998	0.9959
8.9	0.9549	0.9795	0.9853	0.9972	0.9994	0.9993	0.9997	0.9964
9.0	0.9383	0.9675	0.9781	0.9972	0.9991	0.9993	0.9995	0.9963
9.1	0.9568	0.9828	0.9813	0.9954	0.9987	0.9990	0.9993	0.9966
9.2	0.9578	0.9656	0.9490	0.9914	0.9948	0.9974	0.9973	0.9954
9.3	0.9710	0.9738	0.9631	0.9926	0.9948	0.9976	0.9972	0.9965
9.4	0.9621	0.9689	0.9195	0.9819	0.9867	0.9943	0.9935	0.9950
9.5	0.9727	0.9871	0.9537	0.9892	0.9918	0.9967	0.9963	0.9951
9.6	0.9805	0.9890	0.9434	0.9876	0.9935	0.9977	0.9973	0.9958
9.7	0.9806	0.9952	0.9710	0.9948	0.9980	0.9989	0.9992	0.9972
9.8	0.9785	0.9960	0.9706	0.9963	0.9986	0.9991	0.9994	0.9975
9.9	0.9795	0.9957	0.9564	0.9967	0.9989	0.9991	0.9995	0.9968
10.0	0.9763	0.9948	0.9490	0.9963	0.9994	0.9992	0.9997	0.9965
10.1	0.9729	0.9938	0.9222	0.9966	0.9996	0.9992	0.9998	0.9962
10.2	0.9766	0.9928	0.8921	0.9975	0.9997	0.9992	0.9998	0.9957
10.3	0.9827	0.9931	0.8993	0.9974	0.9999	0.9994	0.9999	0.9963
10.4	0.9782	0.9929	0.9349	0.9979	0.9999	0.9994	0.9999	0.9970
10.5	0.9800	0.9912	0.9353	0.9977	0.9999	0.9996	0.9999	0.9978
10.6	0.9784	0.9903	0.9255	0.9972	0.9999	0.9996	0.9999	0.9974
10.7	0.9760	0.9913	0.9286	0.9970	0.9998	0.9994	0.9999	0.9970
10.8	0.9770	0.9911	0.9199	0.9973	0.9998	0.9994	0.9999	0.9964
10.9	0.9798	0.9934	0.9415	0.9978	0.9999	0.9996	0.9999	0.9977
11.0	0.9855	0.9937	0.9435	0.9980	0.9999	0.9996	0.9999	0.9978
11.1	0.9841	0.9929	0.9247	0.9970	0.9999	0.9994	0.9999	0.9967
11.2	0.9809	0.9926	0.9110	0.9973	0.9999	0.9993	0.9999	0.9962
11.3	0.9781	0.9908	0.8881	0.9975	0.9999	0.9994	0.9999	0.9967
11.4	0.9797	0.9914	0.8949	0.9974	0.9999	0.9994	0.9999	0.9968
11.5	0.9793	0.9904	0.9117	0.9973	0.9998	0.9994	0.9999	0.9969
11.6	0.9818	0.9899	0.9075	0.9973	0.9998	0.9992	0.9998	0.9964
11.7	0.9798	0.9935	0.9287	0.9978	0.9999	0.9995	0.9999	0.9974
11.8	0.9752	0.9880	0.9083	0.9968	0.9997	0.9991	0.9998	0.9957
11.9	0.9905	0.9933	0.9469	0.9980	0.9998	0.9994	0.9999	0.9972
12.0	0.9920	0.9890	0.9536	0.9978	0.9998	0.9994	0.9998	0.9973
12.1	0.9881	0.9915	0.9557	0.9975	0.9998	0.9992	0.9998	0.9967
12.2	0.9906	0.9942	0.9594	0.9977	0.9998	0.9994	0.9998	0.9974
12.3	0.9908	0.9932	0.9578	0.9974	0.9999	0.9992	0.9999	0.9967
12.4	0.9924	0.9926	0.9707	0.9980	0.9998	0.9991	0.9999	0.9965
12.5	0.9907	0.9926	0.9716	0.9973	0.9998	0.9991	0.9998	0.9964
12.6	0.9931	0.9935	0.9788	0.9968	0.9998	0.9991	0.9998	0.9965
12.7	0.9933	0.9933	0.9774	0.9979	0.9998	0.9991	0.9998	0.9969
12.8	0.9938	0.9929	0.9820	0.9977	0.9998	0.9991	0.9998	0.9965
12.9	0.9911	0.9932	0.9829	0.9965	0.9998	0.9990	0.9998	0.9959
13.0	0.9934	0.9955	0.9896	0.9972	0.9997	0.9990	0.9997	0.9965
13.1	0.9948	0.9958	0.9909	0.9982	0.9997	0.9992	0.9998	0.9972
13.2	0.9951	0.9946	0.9896	0.9975	0.9997	0.9989	0.9997	0.9964
13.3	0.9932	0.9939	0.9874	0.9970	0.9996	0.9986	0.9997	0.9959
13.4	0.9948	0.9954	0.9900	0.9984	0.9998	0.9991	0.9998	0.9974
13.5	0.9926	0.9922	0.9824	0.9967	0.9995	0.9983	0.9996	0.9954
13.6	0.9926	0.9939	0.9866	0.9965	0.9996	0.9982	0.9996	0.9953
13.7	0.9949	0.9956	0.9920	0.9977	0.9997	0.9988	0.9997	0.9967
13.8	0.9942	0.9943	0.9890	0.9974	0.9996	0.9986	0.9997	0.9962
13.9	0.9895	0.9919	0.9848	0.9955	0.9993	0.9975	0.9994	0.9944
14.0	0.9936	0.9939	0.9908	0.9967	0.9996	0.9983	0.9996	0.9959
14.1	0.9951	0.9957	0.9932	0.9975	0.9995	0.9987	0.9996	0.9969
14.2	0.9946	0.9953	0.9928	0.9966	0.9995	0.9982	0.9995	0.9960
14.3	0.9954	0.9958	0.9938	0.9970	0.9994	0.9983	0.9995	0.9962
14.4	0.9954	0.9947	0.9941	0.9966	0.9993	0.9981	0.9993	0.9962
14.5	0.9890	0.9894	0.9874	0.9915	0.9991	0.9961	0.9991	0.9922
14.6	0.9877	0.9900	0.9883	0.9914	0.9990	0.9965	0.9992	0.9928
14.7	0.9890	0.9913	0.9901	0.9918	0.9990	0.9972	0.9991	0.9933
14.8	0.9878	0.9892	0.9868	0.9908	0.9991	0.9971	0.9992	0.9930
14.9	0.9879	0.9862	0.9865	0.9896	0.9987	0.9972	0.9989	0.9924
15.0	0.9921	0.9886	0.9904	0.9917	0.9991	0.9974	0.9992	0.9936
15.1	0.9800	0.9758	0.9756	0.9819	0.9983	0.9929	0.9985	0.9847
15.2	0.9802	0.9778	0.9767	0.9835	0.9983	0.9931	0.9984	0.9859
15.3	0.9724	0.9723	0.9708	0.9775	0.9977	0.9891	0.9977	0.9807
15.4	0.9772	0.9776	0.9754	0.9804	0.9985	0.9904	0.9984	0.9835
15.5	0.9695	0.9694	0.9682	0.9731	0.9975	0.9854	0.9975	0.9765
15.6	0.9604	0.9603	0.9600	0.9633	0.9971	0.9800	0.9972	0.9684
15.7	0.9692	0.9696	0.9692	0.9713	0.9974	0.9829	0.9977	0.9741
15.8	0.9664	0.9671	0.9675	0.9676	0.9964	0.9797	0.9970	0.9710
15.9	0.9773	0.9770	0.9779	0.9775	0.9966	0.9858	0.9973	0.9797
16.0	0.9658	0.9660	0.9672	0.9652	0.9939	0.9783	0.9953	0.9684
16.1	0.9784	0.9788	0.9798	0.9778	0.9942	0.9870	0.9953	0.9798
16.2	0.9809	0.9813	0.9819	0.9804	0.9939	0.9885	0.9948	0.9821
16.3	0.9755	0.9754	0.9768	0.9751	0.9881	0.9872	0.9894	0.9772
16.4	0.9781	0.9767	0.9786	0.9764	0.9840	0.9923	0.9853	0.9805
16.5	0.9853	0.9852	0.9859	0.9843	0.9840	0.9836	0.9847	0.9842

16.6	0.9704	0.9701	0.9718	0.9677	0.9896	0.9684	0.9901	0.9639
16.7	0.9768	0.9747	0.9773	0.9734	0.9921	0.9847	0.9926	0.9716
16.8	0.9646	0.9616	0.9663	0.9585	0.9846	0.9807	0.9853	0.9568
16.9	0.9712	0.9679	0.9708	0.9662	0.9858	0.9825	0.9859	0.9625
17.0	0.9727	0.9683	0.9715	0.9685	0.9824	0.9839	0.9822	0.9661
17.1	0.9585	0.9575	0.9563	0.9503	0.9934	0.9375	0.9933	0.9124
17.2	0.9156	0.9163	0.9096	0.9097	0.9872	0.9101	0.9876	0.8547
17.3	0.9515	0.9509	0.9427	0.9517	0.9898	0.9856	0.9897	0.9028
17.4	0.9600	0.9526	0.9476	0.9592	0.9907	0.9932	0.9903	0.9089
17.5	0.9862	0.9835	0.9811	0.9866	0.9940	0.9869	0.9934	0.9580
17.6	0.9712	0.9643	0.9563	0.9701	0.9946	0.9912	0.9942	0.8985
17.7	0.9738	0.9675	0.9599	0.9768	0.9957	0.9973	0.9953	0.9137
17.8	0.9868	0.9803	0.9781	0.9882	0.9962	0.9963	0.9956	0.9500
17.9	0.9796	0.9729	0.9706	0.9821	0.9960	0.9949	0.9954	0.9126
18.0	0.9737	0.9695	0.9640	0.9811	0.9971	0.9960	0.9966	0.8648
18.1	0.9532	0.9302	0.9374	0.9648	0.9955	0.9962	0.9947	0.7645
18.2	0.9588	0.9298	0.9682	0.9705	0.9973	0.9978	0.9968	0.8772
18.3	0.9619	0.9236	0.9768	0.9679	0.9980	0.9978	0.9976	0.9301
18.4	0.9539	0.9039	0.9756	0.9623	0.9978	0.9969	0.9972	0.9294
18.5	0.9658	0.9183	0.9827	0.9605	0.9980	0.9939	0.9974	0.9316
18.6	0.9626	0.9152	0.9837	0.9556	0.9977	0.9908	0.9969	0.8928
18.7	0.9452	0.8569	0.9801	0.9345	0.9975	0.9945	0.9967	0.8734
18.8	0.9559	0.8470	0.9865	0.9294	0.9978	0.9963	0.9971	0.9162
18.9	0.9691	0.8950	0.9886	0.9372	0.9983	0.9968	0.9977	0.9482
19.0	0.9694	0.9047	0.9895	0.9306	0.9985	0.9978	0.9979	0.9604
19.1	0.9637	0.8848	0.9885	0.8873	0.9977	0.9970	0.9967	0.9565
19.2	0.9620	0.9120	0.9904	0.8818	0.9982	0.9980	0.9974	0.9734
19.3	0.9689	0.9399	0.9919	0.8706	0.9978	0.9971	0.9966	0.9773
19.4	0.9795	0.9559	0.9942	0.8921	0.9985	0.9982	0.9976	0.9878
19.5	0.9694	0.9418	0.9928	0.8522	0.9986	0.9985	0.9977	0.9881
19.6	0.9775	0.9518	0.9942	0.8738	0.9988	0.9989	0.9981	0.9913
19.7	0.9695	0.9358	0.9921	0.8323	0.9983	0.9985	0.9974	0.9869
19.8	0.9625	0.9262	0.9907	0.8017	0.9982	0.9985	0.9971	0.9868
19.9	0.9558	0.9272	0.9896	0.7754	0.9985	0.9981	0.9976	0.9851
20.0	0.9631	0.9341	0.9905	0.7762	0.9985	0.9983	0.9974	0.9862
20.1	0.9628	0.9421	0.9916	0.8191	0.9988	0.9985	0.9979	0.9870
20.2	0.9640	0.9486	0.9918	0.8256	0.9987	0.9985	0.9979	0.9898
20.3	0.9547	0.9281	0.9888	0.7861	0.9987	0.9983	0.9978	0.9894
20.4	0.9679	0.9531	0.9916	0.8577	0.9991	0.9987	0.9985	0.9915
20.5	0.9680	0.9507	0.9928	0.8757	0.9991	0.9989	0.9985	0.9925
20.6	0.9458	0.9120	0.9899	0.7920	0.9988	0.9986	0.9979	0.9907
20.7	0.9432	0.9064	0.9885	0.7757	0.9992	0.9982	0.9984	0.9908
20.8	0.9452	0.9114	0.9891	0.7225	0.9990	0.9982	0.9981	0.9875
20.9	0.9585	0.9229	0.9909	0.6997	0.9988	0.9983	0.9978	0.9849
21.0	0.9629	0.9347	0.9919	0.7217	0.9991	0.9983	0.9984	0.9867
21.1	0.9585	0.9327	0.9910	0.7433	0.9992	0.9986	0.9983	0.9878
21.2	0.9564	0.9276	0.9891	0.6438	0.9989	0.9985	0.9975	0.9890
21.3	0.9429	0.9061	0.9859	0.5411	0.9991	0.9982	0.9978	0.9857
21.4	0.9241	0.8792	0.9821	0.5588	0.9990	0.9974	0.9974	0.9799
21.5	0.9242	0.8682	0.9803	0.5839	0.9990	0.9967	0.9972	0.9787
21.6	0.9456	0.8919	0.9851	0.6477	0.9992	0.9975	0.9977	0.9828
21.7	0.9445	0.8976	0.9847	0.5564	0.9988	0.9967	0.9961	0.9812
21.8	0.9432	0.8801	0.9822	0.5170	0.9990	0.9969	0.9964	0.9813
21.9	0.9320	0.8477	0.9771	0.4529	0.9986	0.9969	0.9955	0.9819
22.0	0.9289	0.8645	0.9792	0.5376	0.9989	0.9978	0.9960	0.9860
22.1	0.9371	0.8529	0.9816	0.5579	0.9991	0.9974	0.9961	0.9843
22.2	0.9341	0.8507	0.9816	0.5784	0.9989	0.9973	0.9953	0.9853
22.3	0.9432	0.8844	0.9843	0.6550	0.9989	0.9979	0.9951	0.9904
22.4	0.9300	0.8529	0.9786	0.5495	0.9990	0.9972	0.9945	0.9868
22.5	0.9407	0.8722	0.9836	0.4751	0.9992	0.9978	0.9968	0.9874
22.6	0.9339	0.8566	0.9806	0.4176	0.9984	0.9966	0.9908	0.9827
22.7	0.9447	0.8834	0.9831	0.3984	0.9992	0.9967	0.9938	0.9833
22.8	0.9177	0.8557	0.9777	0.4122	0.9990	0.9953	0.9916	0.9778
22.9	0.9152	0.8597	0.9763	0.5018	0.9987	0.9943	0.9883	0.9701
23.0	0.9230	0.8796	0.9741	0.6332	0.9989	0.9944	0.9873	0.9700
23.1	0.9491	0.9273	0.9816	0.8235	0.9991	0.9960	0.9906	0.9794
23.2	0.9457	0.9246	0.9813	0.8461	0.9989	0.9962	0.9844	0.9824
23.3	0.9499	0.9351	0.9839	0.8774	0.9986	0.9963	0.9740	0.9841
23.4	0.9580	0.9420	0.9855	0.9083	0.9989	0.9961	0.9725	0.9852
23.5	0.9481	0.9087	0.9814	0.8817	0.9988	0.9936	0.9715	0.9788
23.6	0.9405	0.8787	0.9779	0.8612	0.9986	0.9917	0.9565	0.9702
23.7	0.9106	0.8217	0.9699	0.8520	0.9983	0.9898	0.9363	0.9626
23.8	0.9138	0.8213	0.9724	0.8880	0.9986	0.9925	0.9539	0.9718
23.9	0.9177	0.8292	0.9785	0.8998	0.9985	0.9943	0.9574	0.9775
24.0	0.9388	0.8625	0.9838	0.9129	0.9991	0.9956	0.9769	0.9843
24.1	0.9343	0.8300	0.9838	0.9083	0.9984	0.9918	0.9704	0.9742
24.2	0.9340	0.7868	0.9835	0.9134	0.9984	0.9915	0.9840	0.9713
24.3	0.9387	0.7845	0.9876	0.9073	0.9990	0.9956	0.9864	0.9846
24.4	0.9476	0.8075	0.9894	0.9319	0.9987	0.9964	0.9888	0.9875
24.5	0.9521	0.8094	0.9892	0.9166	0.9984	0.9972	0.9917	0.9881
24.6	0.9559	0.8223	0.9894	0.8983	0.9984	0.9970	0.9917	0.9896
24.7	0.9646	0.8256	0.9915	0.8835	0.9981	0.9978	0.9945	0.9931
24.8	0.9784	0.8841	0.9948	0.9154	0.9985	0.9983	0.9960	0.9951
24.9	0.9730	0.9043	0.9946	0.8887	0.9982	0.9984	0.9961	0.9952
25.0	0.9608	0.8716	0.9906	0.8617	0.9975	0.9975	0.9951	0.9927
25.1	0.9593	0.8885	0.9899	0.8599	0.9977	0.9972	0.9963	0.9908

25.2	0.9691	0.9073	0.9907	0.8624	0.9985	0.9976	0.9974	0.9916
25.3	0.9737	0.9023	0.9914	0.8311	0.9979	0.9969	0.9974	0.9905
25.4	0.9714	0.9161	0.9921	0.8179	0.9978	0.9964	0.9974	0.9911
25.5	0.9646	0.9144	0.9913	0.8036	0.9975	0.9949	0.9971	0.9882
25.6	0.9712	0.9477	0.9927	0.7774	0.9976	0.9958	0.9983	0.9878
25.7	0.9759	0.9460	0.9926	0.7407	0.9975	0.9956	0.9981	0.9852
25.8	0.9760	0.9494	0.9927	0.7200	0.9974	0.9957	0.9984	0.9836
25.9	0.9828	0.9575	0.9958	0.7344	0.9977	0.9953	0.9989	0.9834
26.0	0.9841	0.9579	0.9952	0.5650	0.9978	0.9944	0.9987	0.9781
26.1	0.9840	0.9618	0.9947	0.3475	0.9975	0.9931	0.9987	0.9703
26.2	0.9829	0.9618	0.9939	0.0761	0.9965	0.9891	0.9988	0.9565
26.3	0.9780	0.9487	0.9905	0.1071	0.9957	0.9808	0.9984	0.8991
26.4	0.9770	0.9543	0.9908	0.4307	0.9956	0.9754	0.9986	0.8436
26.5	0.9835	0.9685	0.9941	0.6984	0.9970	0.9756	0.9991	0.8746
26.6	0.9876	0.9761	0.9941	0.8461	0.9962	0.9801	0.9993	0.9246
26.7	0.9910	0.9858	0.9957	0.9120	0.9961	0.9837	0.9993	0.9589
26.8	0.9877	0.9850	0.9950	0.9285	0.9952	0.9806	0.9988	0.9640
26.9	0.9895	0.9891	0.9956	0.9620	0.9957	0.9907	0.9992	0.9810
27.0	0.9874	0.9866	0.9938	0.9458	0.9942	0.9895	0.9992	0.9773
27.1	0.9866	0.9863	0.9934	0.9529	0.9936	0.9903	0.9991	0.9812
27.2	0.9860	0.9872	0.9940	0.9620	0.9927	0.9891	0.9991	0.9810
27.3	0.9894	0.9904	0.9951	0.9790	0.9930	0.9910	0.9992	0.9878
27.4	0.9906	0.9908	0.9960	0.9801	0.9947	0.9945	0.9994	0.9909
27.5	0.9884	0.9861	0.9934	0.9767	0.9924	0.9932	0.9995	0.9887
27.6	0.9884	0.9866	0.9925	0.9788	0.9913	0.9932	0.9995	0.9900
27.7	0.9834	0.9828	0.9904	0.9776	0.9914	0.9909	0.9995	0.9866
27.8	0.9863	0.9866	0.9918	0.9858	0.9933	0.9940	0.9997	0.9916
27.9	0.9868	0.9876	0.9893	0.9867	0.9931	0.9947	0.9998	0.9926
28.0	0.9842	0.9829	0.9864	0.9862	0.9917	0.9935	0.9996	0.9915
28.1	0.9783	0.9814	0.9790	0.9860	0.9909	0.9935	0.9996	0.9909
28.2	0.9769	0.9827	0.9767	0.9897	0.9879	0.9936	0.9996	0.9920
28.3	0.9674	0.9695	0.9614	0.9845	0.9817	0.9917	0.9994	0.9890
28.4	0.9771	0.9815	0.9711	0.9905	0.9863	0.9956	0.9996	0.9944
28.5	0.9737	0.9812	0.9622	0.9922	0.9852	0.9960	0.9996	0.9950
28.6	0.9589	0.9733	0.9538	0.9905	0.9860	0.9947	0.9996	0.9934
28.7	0.9540	0.9724	0.9527	0.9912	0.9871	0.9960	0.9996	0.9948
28.8	0.9489	0.9775	0.9704	0.9942	0.9892	0.9959	0.9996	0.9957
28.9	0.9315	0.9597	0.9644	0.9920	0.9832	0.9950	0.9996	0.9946
29.0	0.8872	0.9512	0.9722	0.9918	0.9827	0.9953	0.9996	0.9956
29.1	0.8419	0.9371	0.9839	0.9934	0.9860	0.9963	0.9997	0.9956
29.2	0.8203	0.9345	0.9887	0.9930	0.9926	0.9976	0.9998	0.9967
29.3	0.7509	0.8970	0.9907	0.9913	0.9912	0.9971	0.9998	0.9970
29.4	0.7291	0.8206	0.9916	0.9917	0.9881	0.9966	0.9997	0.9965
29.5	0.6489	0.6919	0.9882	0.9885	0.9854	0.9948	0.9996	0.9928
29.6	0.7675	0.6494	0.9925	0.9893	0.9913	0.9972	0.9997	0.9965
29.7	0.7934	0.5024	0.9927	0.9858	0.9922	0.9962	0.9997	0.9950
29.8	0.8436	0.5926	0.9944	0.9913	0.9921	0.9967	0.9997	0.9953
29.9	0.8235	0.4981	0.9899	0.9856	0.9892	0.9950	0.9996	0.9933
30.0	0.8564	0.6860	0.9916	0.9817	0.9892	0.9963	0.9997	0.9931
30.1	0.8920	0.8882	0.9958	0.9848	0.9926	0.9962	0.9997	0.9937
30.2	0.8468	0.8951	0.9946	0.9860	0.9919	0.9955	0.9997	0.9935
30.3	0.7529	0.9262	0.9947	0.9810	0.9900	0.9956	0.9998	0.9931
30.4	0.8227	0.9259	0.9951	0.9759	0.9888	0.9952	0.9996	0.9903
30.5	0.8800	0.9216	0.9942	0.9748	0.9892	0.9956	0.9995	0.9882
30.6	0.8905	0.9243	0.9925	0.9696	0.9901	0.9956	0.9996	0.9903
30.7	0.8965	0.9069	0.9914	0.9637	0.9887	0.9948	0.9995	0.9904
30.8	0.9246	0.8953	0.9921	0.9609	0.9892	0.9953	0.9996	0.9885
30.9	0.9465	0.9176	0.9943	0.9651	0.9908	0.9959	0.9996	0.9894
31.0	0.9505	0.9352	0.9943	0.9690	0.9890	0.9956	0.9997	0.9901
31.1	0.9552	0.9400	0.9950	0.9535	0.9866	0.9952	0.9996	0.9880
31.2	0.9395	0.9165	0.9894	0.8988	0.9818	0.9933	0.9996	0.9761
31.3	0.9380	0.9359	0.9888	0.8903	0.9821	0.9919	0.9993	0.9702
31.4	0.9595	0.9703	0.9930	0.8845	0.9860	0.9923	0.9995	0.9742
31.5	0.9640	0.9682	0.9950	0.8569	0.9818	0.9901	0.9996	0.9609
31.6	0.9607	0.9585	0.9931	0.7921	0.9785	0.9893	0.9995	0.9543
31.7	0.9609	0.9552	0.9924	0.7191	0.9738	0.9843	0.9995	0.9433
31.8	0.9474	0.9581	0.9883	0.5461	0.9721	0.9675	0.9995	0.8764
31.9	0.9570	0.9703	0.9895	0.4352	0.9743	0.9726	0.9996	0.8927
32.0	0.9629	0.9756	0.9929	0.1843	0.9709	0.9767	0.9996	0.9290
32.1	0.9548	0.9749	0.9923	0.0259	0.9754	0.9763	0.9996	0.9407
32.2	0.9463	0.9729	0.9895	0.1771	0.9678	0.9722	0.9996	0.9351
32.3	0.9540	0.9788	0.9906	0.5474	0.9574	0.9729	0.9993	0.9426
32.4	0.9615	0.9855	0.9926	0.7359	0.9620	0.9827	0.9995	0.9622
32.5	0.9550	0.9821	0.9898	0.7991	0.9597	0.9776	0.9996	0.9614
32.6	0.9595	0.9830	0.9911	0.8729	0.9631	0.9820	0.9996	0.9706
32.7	0.9576	0.9832	0.9921	0.9001	0.9688	0.9825	0.9995	0.9770
32.8	0.9529	0.9848	0.9924	0.9409	0.9746	0.9865	0.9996	0.9807
32.9	0.9555	0.9883	0.9940	0.9521	0.9750	0.9866	0.9995	0.9804
33.0	0.9644	0.9873	0.9940	0.9683	0.9778	0.9869	0.9994	0.9832
33.1	0.9585	0.9889	0.9925	0.9727	0.9835	0.9861	0.9995	0.9832
33.2	0.8911	0.9801	0.9879	0.9583	0.9825	0.9812	0.9993	0.9765
33.3	0.8516	0.9800	0.9884	0.9634	0.9859	0.9840	0.9992	0.9766
33.4	0.7396	0.9831	0.9901	0.9711	0.9917	0.9876	0.9994	0.9826
33.5	0.5363	0.9869	0.9920	0.9762	0.9921	0.9881	0.9995	0.9851
33.6	0.4605	0.9728	0.9896	0.9605	0.9906	0.9819	0.9992	0.9718
33.7	0.6522	0.9677	0.9909	0.9551	0.9894	0.9828	0.9991	0.9737

33.8	0.7799	0.9650	0.9902	0.9569	0.9908	0.9801	0.9991	0.9733
33.9	0.8225	0.9508	0.9873	0.9254	0.9904	0.9678	0.9988	0.9542
34.0	0.9217	0.9536	0.9879	0.8847	0.9931	0.9689	0.9990	0.9362
34.1	0.9497	0.9671	0.9924	0.8057	0.9952	0.9753	0.9992	0.9329
34.2	0.9567	0.9697	0.9928	0.6552	0.9949	0.9765	0.9991	0.9491
34.3	0.9757	0.9746	0.9934	0.4623	0.9927	0.9761	0.9991	0.9472
34.4	0.9804	0.9722	0.9932	0.6324	0.9943	0.9831	0.9992	0.9577
34.5	0.9751	0.9689	0.9898	0.7247	0.9938	0.9777	0.9992	0.9578
34.6	0.9799	0.9715	0.9919	0.8029	0.9939	0.9837	0.9991	0.9681
34.7	0.9801	0.9717	0.9906	0.8525	0.9947	0.9832	0.9991	0.9695
34.8	0.9786	0.9729	0.9890	0.8818	0.9945	0.9788	0.9991	0.9689
34.9	0.9870	0.9827	0.9904	0.9160	0.9952	0.9853	0.9993	0.9782
35.0	0.9853	0.9873	0.9907	0.9425	0.9945	0.9888	0.9994	0.9846
35.1	0.9810	0.9793	0.9862	0.9213	0.9956	0.9828	0.9994	0.9747
35.2	0.9819	0.9818	0.9851	0.9237	0.9959	0.9842	0.9995	0.9746
35.3	0.9726	0.9860	0.9834	0.9248	0.9943	0.9817	0.9994	0.9712
35.4	0.9756	0.9914	0.9882	0.9443	0.9961	0.9876	0.9995	0.9805
35.5	0.9749	0.9914	0.9889	0.9466	0.9955	0.9894	0.9994	0.9840
35.6	0.9722	0.9923	0.9900	0.9381	0.9948	0.9903	0.9994	0.9850
35.7	0.9738	0.9924	0.9893	0.9426	0.9956	0.9910	0.9995	0.9854
35.8	0.9833	0.9943	0.9900	0.9592	0.9959	0.9923	0.9995	0.9896
35.9	0.9841	0.9948	0.9892	0.9513	0.9967	0.9926	0.9995	0.9902
36.0	0.9844	0.9937	0.9891	0.9424	0.9963	0.9929	0.9993	0.9888
36.1	0.9863	0.9938	0.9910	0.9433	0.9956	0.9947	0.9993	0.9924
36.2	0.9901	0.9950	0.9924	0.9474	0.9960	0.9967	0.9994	0.9942
36.3	0.9911	0.9946	0.9900	0.9527	0.9958	0.9958	0.9995	0.9933
36.4	0.9917	0.9950	0.9909	0.9552	0.9965	0.9957	0.9993	0.9939
36.5	0.9889	0.9927	0.9936	0.9319	0.9954	0.9944	0.9990	0.9932
36.6	0.9928	0.9937	0.9927	0.9182	0.9949	0.9948	0.9991	0.9929
36.7	0.9937	0.9941	0.9931	0.9399	0.9944	0.9958	0.9990	0.9938
36.8	0.9910	0.9908	0.9915	0.9447	0.9944	0.9963	0.9988	0.9935
36.9	0.9950	0.9944	0.9925	0.9557	0.9965	0.9968	0.9992	0.9952
37.0	0.9951	0.9898	0.9882	0.9614	0.9961	0.9963	0.9992	0.9942
37.1	0.9939	0.9891	0.9902	0.9637	0.9959	0.9962	0.9990	0.9944
37.2	0.9930	0.9916	0.9932	0.9554	0.9964	0.9970	0.9989	0.9959
37.3	0.9913	0.9893	0.9903	0.9372	0.9959	0.9959	0.9987	0.9939
37.4	0.9929	0.9924	0.9899	0.9276	0.9972	0.9956	0.9987	0.9943
37.5	0.9932	0.9917	0.9918	0.9252	0.9972	0.9968	0.9987	0.9948
37.6	0.9907	0.9888	0.9891	0.9161	0.9971	0.9969	0.9987	0.9949
37.7	0.9859	0.9851	0.9829	0.9059	0.9956	0.9947	0.9982	0.9929
37.8	0.9893	0.9884	0.9823	0.9502	0.9961	0.9964	0.9986	0.9946
37.9	0.9819	0.9810	0.9711	0.9333	0.9943	0.9955	0.9973	0.9931
38.0	0.9854	0.9824	0.9606	0.9370	0.9938	0.9948	0.9971	0.9894
38.1	0.9884	0.9839	0.9684	0.9368	0.9956	0.9963	0.9981	0.9920
38.2	0.9881	0.9868	0.9556	0.9374	0.9955	0.9969	0.9981	0.9917
38.3	0.9925	0.9911	0.9530	0.9418	0.9956	0.9977	0.9980	0.9950
38.4	0.9908	0.9864	0.9161	0.8653	0.9947	0.9966	0.9976	0.9937
38.5	0.9891	0.9833	0.9203	0.7888	0.9948	0.9960	0.9968	0.9903
38.6	0.9916	0.9883	0.9461	0.8489	0.9951	0.9978	0.9978	0.9945
38.7	0.9848	0.9818	0.9205	0.7945	0.9931	0.9969	0.9970	0.9928
38.8	0.9848	0.9827	0.9024	0.7777	0.9915	0.9972	0.9962	0.9923
38.9	0.9846	0.9846	0.8855	0.8526	0.9914	0.9971	0.9963	0.9928
39.0	0.9878	0.9873	0.8756	0.8913	0.9929	0.9973	0.9967	0.9942
39.1	0.9881	0.9875	0.8922	0.9276	0.9941	0.9977	0.9973	0.9944
39.2	0.9870	0.9867	0.8297	0.9312	0.9920	0.9969	0.9973	0.9941
39.3	0.9859	0.9852	0.6698	0.9339	0.9890	0.9974	0.9956	0.9932
39.4	0.9731	0.9828	0.5304	0.9300	0.9905	0.9970	0.9948	0.9919
39.5	0.9717	0.9838	0.6048	0.9402	0.9892	0.9974	0.9945	0.9940
39.6	0.9713	0.9801	0.7346	0.9397	0.9876	0.9975	0.9961	0.9944
39.7	0.9686	0.9830	0.6419	0.9279	0.9790	0.9971	0.9954	0.9935
39.8	0.9559	0.9850	0.6992	0.9228	0.9807	0.9966	0.9962	0.9922
39.9	0.9582	0.9810	0.8354	0.9122	0.9783	0.9967	0.9960	0.9931
40.0	0.9261	0.9727	0.8781	0.9060	0.9675	0.9967	0.9961	0.9906
40.1	0.9055	0.9706	0.9259	0.9138	0.9757	0.9969	0.9972	0.9923
40.2	0.8884	0.9652	0.9309	0.9230	0.9750	0.9968	0.9970	0.9911
40.3	0.8494	0.9708	0.9310	0.9337	0.9467	0.9958	0.9971	0.9834
40.4	0.7402	0.9707	0.9486	0.9063	0.9335	0.9953	0.9978	0.9853
40.5	0.5785	0.9608	0.9513	0.8982	0.9266	0.9955	0.9976	0.9857
40.6	0.5711	0.9586	0.9579	0.9267	0.9207	0.9952	0.9975	0.9843
40.7	0.5976	0.9631	0.9646	0.9377	0.9058	0.9959	0.9988	0.9894
40.8	0.6834	0.9556	0.9718	0.9470	0.8921	0.9961	0.9986	0.9881
40.9	0.8086	0.9487	0.9727	0.9552	0.8787	0.9957	0.9986	0.9863
41.0	0.8511	0.9248	0.9626	0.9479	0.7833	0.9949	0.9986	0.9781
41.1	0.9168	0.9283	0.9606	0.9445	0.6691	0.9946	0.9988	0.9842
41.2	0.9338	0.9256	0.9683	0.9586	0.4902	0.9938	0.9988	0.9853
41.3	0.9430	0.9268	0.9622	0.9638	0.4993	0.9949	0.9992	0.9823
41.4	0.9601	0.9251	0.9639	0.9699	0.5347	0.9953	0.9995	0.9873
41.5	0.9711	0.9147	0.9670	0.9703	0.5205	0.9958	0.9995	0.9890
41.6	0.9702	0.8961	0.9620	0.9658	0.6153	0.9935	0.9992	0.9850
41.7	0.9650	0.8715	0.9493	0.9577	0.7419	0.9938	0.9993	0.9843
41.8	0.9701	0.8271	0.9411	0.9680	0.7917	0.9940	0.9994	0.9832
41.9	0.9701	0.8112	0.9282	0.9701	0.8018	0.9931	0.9993	0.9805
42.0	0.9724	0.8606	0.9396	0.9741	0.8004	0.9938	0.9993	0.9805
42.1	0.9657	0.8342	0.9308	0.9760	0.8126	0.9933	0.9994	0.9818
42.2	0.9748	0.8348	0.9149	0.9690	0.8306	0.9921	0.9995	0.9807
42.3	0.9771	0.8661	0.9113	0.9702	0.8296	0.9924	0.9993	0.9842

42.4	0.9770	0.8635	0.9197	0.9754	0.8901	0.9941	0.9995	0.9827
42.5	0.9720	0.8665	0.9035	0.9715	0.8855	0.9926	0.9995	0.9741
42.6	0.9745	0.8808	0.8611	0.9731	0.9157	0.9942	0.9995	0.9779
42.7	0.9765	0.8833	0.8312	0.9761	0.9211	0.9938	0.9995	0.9751
42.8	0.9735	0.8489	0.8002	0.9688	0.9220	0.9929	0.9995	0.9789
42.9	0.9609	0.8087	0.7901	0.9745	0.9083	0.9945	0.9996	0.9785
43.0	0.9504	0.8499	0.8483	0.9679	0.9223	0.9933	0.9995	0.9759
43.1	0.9574	0.8942	0.9172	0.9716	0.9464	0.9936	0.9995	0.9704
43.2	0.9523	0.8731	0.9056	0.9659	0.9450	0.9912	0.9995	0.9620
43.3	0.9165	0.8545	0.9176	0.9646	0.9312	0.9889	0.9996	0.9573
43.4	0.8858	0.7764	0.9239	0.9668	0.9486	0.9903	0.9996	0.9681
43.5	0.9296	0.8343	0.9231	0.9614	0.9468	0.9885	0.9995	0.9716
43.6	0.9445	0.8845	0.9469	0.9681	0.9494	0.9919	0.9996	0.9600
43.7	0.9184	0.9003	0.9521	0.9696	0.9430	0.9922	0.9995	0.9400
43.8	0.8799	0.9187	0.9646	0.9600	0.9517	0.9885	0.9995	0.9465
43.9	0.8856	0.9423	0.9569	0.9582	0.9699	0.9896	0.9997	0.9514
44.0	0.7807	0.9333	0.9459	0.9286	0.9688	0.9895	0.9996	0.9345
44.1	0.6855	0.9032	0.9670	0.9298	0.9728	0.9894	0.9997	0.9398
44.2	0.6236	0.9573	0.9684	0.9328	0.9791	0.9899	0.9996	0.9284
44.3	0.2846	0.9614	0.9690	0.9115	0.9744	0.9852	0.9995	0.8716
44.4	0.6847	0.9718	0.9763	0.8320	0.9706	0.9826	0.9995	0.8790
44.5	0.7903	0.9584	0.9813	0.7839	0.9751	0.9844	0.9995	0.9029
44.6	0.7826	0.9617	0.9832	0.7533	0.9727	0.9862	0.9997	0.9240
44.7	0.7246	0.9702	0.9851	0.6669	0.9772	0.9869	0.9997	0.9323
44.8	0.8001	0.9689	0.9823	0.3390	0.9825	0.9888	0.9997	0.9517
44.9	0.7121	0.9633	0.9710	0.3036	0.9851	0.9905	0.9996	0.9416
45.0	0.5102	0.9590	0.9684	0.4155	0.9820	0.9877	0.9995	0.9199
45.1	0.7247	0.9666	0.9740	0.0651	0.9761	0.9836	0.9994	0.9300
45.2	0.7652	0.9754	0.9801	0.0782	0.9767	0.9869	0.9995	0.9579
45.3	0.7514	0.9765	0.9856	0.1274	0.9881	0.9874	0.9996	0.9512
45.4	0.4142	0.9735	0.9799	0.0582	0.9804	0.9825	0.9994	0.9397
45.5	0.4489	0.9719	0.9781	0.1617	0.9806	0.9860	0.9996	0.9387
45.6	0.1061	0.9794	0.9873	0.2552	0.9828	0.9881	0.9996	0.9536
45.7	0.3064	0.9695	0.9797	0.1240	0.9852	0.9888	0.9996	0.9470
45.8	0.6260	0.9684	0.9683	0.3673	0.9843	0.9828	0.9996	0.9247
45.9	0.7669	0.9688	0.9720	0.5773	0.9856	0.9765	0.9996	0.9370
46.0	0.8001	0.9740	0.9802	0.7010	0.9854	0.9834	0.9996	0.9631
46.1	0.8886	0.9646	0.9761	0.7860	0.9868	0.9862	0.9996	0.9703
46.2	0.8390	0.9242	0.9682	0.7530	0.9867	0.9825	0.9996	0.9566
46.3	0.8156	0.9656	0.9787	0.7805	0.9900	0.9854	0.9996	0.9620
46.4	0.8696	0.9644	0.9745	0.8664	0.9916	0.9903	0.9996	0.9630
46.5	0.8875	0.9645	0.9842	0.9406	0.9922	0.9932	0.9997	0.9799
46.6	0.8213	0.9377	0.9833	0.9337	0.9890	0.9881	0.9997	0.9818
46.7	0.7431	0.9249	0.9880	0.9337	0.9889	0.9888	0.9997	0.9829
46.8	0.7225	0.9187	0.9848	0.9204	0.9847	0.9921	0.9997	0.9807
46.9	0.7116	0.8732	0.9633	0.8017	0.9825	0.9888	0.9996	0.9723
47.0	0.8643	0.9159	0.9651	0.8727	0.9878	0.9888	0.9995	0.9794
47.1	0.9001	0.9234	0.9806	0.9278	0.9884	0.9926	0.9995	0.9840
47.2	0.8772	0.9238	0.9900	0.9416	0.9875	0.9932	0.9996	0.9884
47.3	0.8546	0.9274	0.9878	0.9150	0.9868	0.9924	0.9995	0.9830
47.4	0.9155	0.9336	0.9903	0.9367	0.9892	0.9939	0.9994	0.9843
47.5	0.9187	0.9241	0.9826	0.9235	0.9876	0.9915	0.9994	0.9775
47.6	0.9287	0.9311	0.9781	0.9405	0.9895	0.9912	0.9995	0.9808
47.7	0.8907	0.8883	0.9763	0.9489	0.9910	0.9887	0.9994	0.9781
47.8	0.8895	0.8765	0.9836	0.9612	0.9920	0.9912	0.9993	0.9807
47.9	0.8719	0.8425	0.9770	0.9457	0.9925	0.9883	0.9993	0.9809
48.0	0.9319	0.9079	0.9828	0.9637	0.9936	0.9906	0.9993	0.9867
48.1	0.9744	0.9043	0.9728	0.9504	0.9920	0.9927	0.9991	0.9728
48.2	0.9722	0.9276	0.9725	0.9503	0.9910	0.9917	0.9991	0.9686
48.3	0.9744	0.9434	0.9836	0.9678	0.9890	0.9922	0.9994	0.9798
48.4	0.9559	0.9209	0.9811	0.9609	0.9875	0.9901	0.9992	0.9769
48.5	0.9321	0.8792	0.9756	0.9439	0.9872	0.9856	0.9993	0.9640
48.6	0.9397	0.8913	0.9727	0.9538	0.9897	0.9827	0.9991	0.9684
48.7	0.9479	0.9187	0.9667	0.9598	0.9881	0.9815	0.9991	0.9724
48.8	0.9481	0.9049	0.9594	0.9546	0.9882	0.9837	0.9992	0.9691
48.9	0.9548	0.9109	0.9659	0.9690	0.9919	0.9853	0.9993	0.9733
49.0	0.9181	0.8436	0.9585	0.9556	0.9916	0.9809	0.9993	0.9766
49.1	0.8254	0.7060	0.9108	0.9199	0.9914	0.9690	0.9991	0.9550
49.2	0.8185	0.7086	0.8894	0.8782	0.9926	0.9662	0.9991	0.9471
49.3	0.8804	0.7928	0.9196	0.9068	0.9931	0.9670	0.9993	0.9619
49.4	0.8712	0.7690	0.8971	0.8891	0.9914	0.9539	0.9992	0.9611
49.5	0.8073	0.7021	0.8337	0.8725	0.9905	0.9454	0.9988	0.9493
49.6	0.4164	0.2790	0.5872	0.6679	0.9903	0.9366	0.9991	0.9498
49.7	0.1814	0.1570	0.3369	0.3806	0.9901	0.9302	0.9990	0.9392
49.8	0.2287	0.2750	0.3485	0.3394	0.9874	0.9260	0.9991	0.9359
49.9	0.4710	0.5027	0.5886	0.6103	0.9839	0.8108	0.9990	0.9040
50.0	0.5235	0.5052	0.6803	0.6995	0.9738	0.5483	0.9991	0.7646
50.1	0.6236	0.5219	0.7121	0.7102	0.9648	0.4803	0.9992	0.6540
50.2	0.7106	0.6001	0.7529	0.8105	0.9772	0.5577	0.9991	0.7178
50.3	0.8395	0.7712	0.6204	0.6779	0.9855	0.8462	0.9983	0.8402
50.4	0.8171	0.6734	0.6134	0.6299	0.9848	0.8957	0.9982	0.8183
50.5	0.7182	0.5848	0.6461	0.5875	0.9888	0.9213	0.9988	0.8526
50.6	0.5948	0.6009	0.6403	0.5798	0.9894	0.9379	0.9987	0.8828
50.7	0.7127	0.7911	0.7669	0.6984	0.9912	0.9536	0.9988	0.8910
50.8	0.7774	0.8375	0.8071	0.7417	0.9919	0.9503	0.9986	0.8835
50.9	0.7333	0.7765	0.7104	0.6136	0.9877	0.9213	0.9980	0.8551

51.0	0.7506	0.8029	0.7260	0.6171	0.9886	0.9418	0.9985	0.8520
51.1	0.8105	0.8687	0.8268	0.7265	0.9918	0.9618	0.9987	0.8821
51.2	0.8260	0.8792	0.8917	0.8076	0.9894	0.9520	0.9985	0.8693
51.3	0.5200	0.7318	0.8259	0.8055	0.9855	0.7665	0.9979	0.8240
51.4	0.4232	0.6069	0.7891	0.7615	0.9887	0.7187	0.9982	0.7715
51.5	0.6301	0.7902	0.8440	0.7947	0.9911	0.8509	0.9984	0.8017
51.6	0.7892	0.8743	0.8808	0.7959	0.9901	0.9269	0.9978	0.8079
51.7	0.8245	0.9059	0.9215	0.8618	0.9923	0.9596	0.9980	0.8411
51.8	0.8433	0.9166	0.9466	0.9087	0.9936	0.9790	0.9987	0.8926
51.9	0.8147	0.8947	0.9241	0.8903	0.9917	0.9760	0.9978	0.8569
52.0	0.7630	0.9031	0.9189	0.8884	0.9904	0.9708	0.9979	0.8055
52.1	0.8172	0.9061	0.9129	0.8972	0.9911	0.9683	0.9983	0.7900
52.2	0.8455	0.9131	0.9194	0.8952	0.9937	0.9705	0.9984	0.8097
52.3	0.8417	0.8893	0.9090	0.8971	0.9933	0.9744	0.9984	0.7732
52.4	0.8212	0.8672	0.9180	0.8844	0.9921	0.9743	0.9984	0.7313
52.5	0.8492	0.8807	0.9238	0.8682	0.9914	0.9655	0.9984	0.7637
52.6	0.8722	0.8812	0.9105	0.9051	0.9931	0.9629	0.9984	0.8059
52.7	0.8512	0.8727	0.8919	0.9150	0.9939	0.9593	0.9985	0.7614
52.8	0.7177	0.8430	0.8959	0.8740	0.9933	0.9682	0.9984	0.7461
52.9	0.7845	0.8413	0.9187	0.8675	0.9936	0.9675	0.9982	0.8162
53.0	0.8504	0.8983	0.9526	0.8974	0.9954	0.9698	0.9982	0.8499
53.1	0.9097	0.9132	0.9455	0.8869	0.9954	0.9625	0.9982	0.8747
53.2	0.9038	0.8978	0.9390	0.9015	0.9932	0.9615	0.9983	0.7868
53.3	0.8675	0.8587	0.9067	0.8908	0.9935	0.9503	0.9976	0.7379
53.4	0.8336	0.7888	0.8480	0.8705	0.9947	0.9531	0.9975	0.8111
53.5	0.8281	0.8470	0.8886	0.8865	0.9943	0.9572	0.9977	0.7827
53.6	0.8106	0.8649	0.8826	0.8941	0.9940	0.9596	0.9981	0.7092
53.7	0.8108	0.8509	0.8729	0.8971	0.9954	0.9600	0.9985	0.6841
53.8	0.8704	0.8702	0.8847	0.9197	0.9933	0.9548	0.9983	0.6665
53.9	0.8740	0.8643	0.8826	0.9146	0.9959	0.9706	0.9986	0.6397
54.0	0.8673	0.8516	0.8935	0.9139	0.9972	0.9742	0.9989	0.6941
54.1	0.8057	0.8087	0.8725	0.8957	0.9960	0.9624	0.9987	0.6454
54.2	0.4587	0.6888	0.7981	0.7274	0.9928	0.9400	0.9985	0.5860
54.3	0.5747	0.6391	0.8553	0.6477	0.9949	0.9455	0.9989	0.7617
54.4	0.5898	0.6458	0.8281	0.6711	0.9960	0.9436	0.9992	0.7960
54.5	0.6736	0.6664	0.8477	0.6654	0.9961	0.9372	0.9989	0.8300
54.6	0.7686	0.6526	0.8567	0.6463	0.9959	0.9364	0.9987	0.8345
54.7	0.7654	0.6005	0.8352	0.6735	0.9953	0.9377	0.9989	0.8147
54.8	0.7651	0.4704	0.8302	0.5336	0.9956	0.9520	0.9990	0.8331
54.9	0.8323	0.5165	0.8942	0.5190	0.9968	0.9446	0.9992	0.8849
55.0	0.8722	0.5604	0.8965	0.6181	0.9965	0.9473	0.9990	0.9090
55.1	0.8559	0.5774	0.8920	0.6412	0.9961	0.9412	0.9990	0.8957
55.2	0.8651	0.7069	0.9229	0.6959	0.9968	0.9444	0.9990	0.9157
55.3	0.8556	0.7281	0.9098	0.7072	0.9956	0.9340	0.9989	0.9059
55.4	0.8620	0.7333	0.9033	0.7029	0.9956	0.9476	0.9992	0.9086
55.5	0.8569	0.6879	0.8983	0.5788	0.9960	0.9567	0.9992	0.9121
55.6	0.8826	0.7246	0.9300	0.6132	0.9958	0.9598	0.9992	0.9269
55.7	0.9008	0.8081	0.9513	0.6917	0.9956	0.9560	0.9991	0.9172
55.8	0.9206	0.8494	0.9483	0.7875	0.9964	0.9595	0.9989	0.9278
55.9	0.9438	0.8822	0.9545	0.8672	0.9975	0.9698	0.9993	0.9494
56.0	0.9294	0.8665	0.9465	0.8172	0.9969	0.9618	0.9992	0.9474
56.1	0.8967	0.8673	0.9394	0.6923	0.9964	0.9513	0.9985	0.9385
56.2	0.9360	0.9118	0.9563	0.7935	0.9978	0.9653	0.9990	0.9532
56.3	0.9565	0.9295	0.9659	0.8604	0.9976	0.9686	0.9992	0.9612
56.4	0.9518	0.9371	0.9675	0.8751	0.9977	0.9788	0.9993	0.9692
56.5	0.9398	0.9340	0.9657	0.8667	0.9977	0.9727	0.9990	0.9606
56.6	0.9458	0.9418	0.9692	0.8801	0.9977	0.9670	0.9990	0.9521
56.7	0.9564	0.9388	0.9657	0.9193	0.9972	0.9682	0.9988	0.9554
56.8	0.9587	0.9440	0.9686	0.9092	0.9970	0.9754	0.9988	0.9516
56.9	0.9560	0.9404	0.9661	0.8999	0.9967	0.9739	0.9985	0.9552
57.0	0.9619	0.9559	0.9790	0.9150	0.9977	0.9758	0.9989	0.9688
57.1	0.9340	0.9388	0.9584	0.8679	0.9968	0.9699	0.9987	0.9536
57.2	0.9050	0.9228	0.9501	0.8110	0.9958	0.9612	0.9984	0.9487
57.3	0.9334	0.9423	0.9597	0.8979	0.9972	0.9663	0.9984	0.9640
57.4	0.9452	0.9445	0.9632	0.9159	0.9975	0.9678	0.9982	0.9539
57.5	0.9664	0.9605	0.9715	0.9266	0.9966	0.9719	0.9980	0.9531
57.6	0.9727	0.9682	0.9757	0.9464	0.9972	0.9712	0.9983	0.9714
57.7	0.9689	0.9669	0.9771	0.9440	0.9974	0.9735	0.9985	0.9777
57.8	0.9738	0.9743	0.9789	0.9488	0.9981	0.9780	0.9986	0.9789
57.9	0.9729	0.9669	0.9762	0.9375	0.9969	0.9705	0.9977	0.9758
58.0	0.9750	0.9637	0.9757	0.9392	0.9965	0.9684	0.9979	0.9770
58.1	0.9791	0.9723	0.9801	0.9564	0.9979	0.9757	0.9983	0.9836
58.2	0.9812	0.9673	0.9802	0.9571	0.9977	0.9786	0.9983	0.9841
58.3	0.9805	0.9720	0.9784	0.9564	0.9965	0.9750	0.9979	0.9825
58.4	0.9789	0.9715	0.9811	0.9665	0.9968	0.9734	0.9974	0.9871
58.5	0.9858	0.9823	0.9878	0.9757	0.9974	0.9786	0.9977	0.9887
58.6	0.9844	0.9826	0.9890	0.9720	0.9973	0.9804	0.9982	0.9878
58.7	0.9873	0.9849	0.9869	0.9706	0.9979	0.9837	0.9985	0.9893
58.8	0.9911	0.9903	0.9900	0.9819	0.9976	0.9862	0.9985	0.9911
58.9	0.9889	0.9863	0.9905	0.9772	0.9977	0.9877	0.9979	0.9914
59.0	0.9776	0.9814	0.9838	0.9640	0.9972	0.9811	0.9968	0.9880
59.1	0.9774	0.9826	0.9818	0.9705	0.9970	0.9875	0.9978	0.9907
59.2	0.9868	0.9843	0.9857	0.9794	0.9962	0.9866	0.9976	0.9897
59.3	0.9855	0.9840	0.9838	0.9768	0.9952	0.9893	0.9966	0.9897
59.4	0.9833	0.9831	0.9826	0.9744	0.9963	0.9873	0.9960	0.9863
59.5	0.9847	0.9876	0.9848	0.9787	0.9962	0.9925	0.9959	0.9908

59.6	0.9799	0.9837	0.9804	0.9708	0.9940	0.9905	0.9924	0.9876
59.7	0.9800	0.9846	0.9831	0.9720	0.9955	0.9911	0.9948	0.9900
59.8	0.9702	0.9686	0.9717	0.9658	0.9950	0.9920	0.9945	0.9885
59.9	0.8003	0.7729	0.6940	0.5640	0.8843	0.4486	0.9945	0.7038
60.0	0.4561	0.4137	0.3130	0.2270	0.5967	0.1441	0.9859	0.2004
60.1	0.6244	0.5745	0.4748	0.3389	0.7739	0.2042	0.9905	0.4152
60.2	0.9654	0.9680	0.9625	0.9478	0.9949	0.9838	0.9952	0.9811
60.3	0.9729	0.9787	0.9733	0.9552	0.9959	0.9921	0.9957	0.9801
60.4	0.9766	0.9797	0.9814	0.9600	0.9961	0.9948	0.9943	0.9756
60.5	0.9701	0.9760	0.9784	0.9569	0.9954	0.9938	0.9931	0.9676
60.6	0.9734	0.9811	0.9737	0.9640	0.9951	0.9951	0.9936	0.9658
60.7	0.9680	0.9751	0.9677	0.9588	0.9967	0.9930	0.9946	0.9694
60.8	0.9757	0.9685	0.9672	0.9534	0.9968	0.9905	0.9947	0.9660
60.9	0.9810	0.9722	0.9764	0.9632	0.9965	0.9899	0.9933	0.9521
61.0	0.9821	0.9774	0.9766	0.9618	0.9960	0.9926	0.9903	0.9328
61.1	0.9801	0.9798	0.9757	0.9680	0.9941	0.9875	0.9915	0.9334
61.2	0.9793	0.9824	0.9764	0.9676	0.9933	0.9881	0.9927	0.9353
61.3	0.9805	0.9824	0.9794	0.9711	0.9950	0.9895	0.9933	0.9278
61.4	0.9759	0.9821	0.9774	0.9706	0.9943	0.9864	0.9929	0.9120
61.5	0.9795	0.9850	0.9818	0.9775	0.9955	0.9885	0.9949	0.9227
61.6	0.9836	0.9871	0.9842	0.9777	0.9956	0.9864	0.9957	0.9251
61.7	0.9839	0.9844	0.9822	0.9751	0.9956	0.9885	0.9930	0.9075
61.8	0.9856	0.9849	0.9835	0.9796	0.9966	0.9895	0.9932	0.9049
61.9	0.9852	0.9838	0.9846	0.9802	0.9959	0.9858	0.9931	0.8851
62.0	0.9860	0.9820	0.9823	0.9784	0.9944	0.9841	0.9914	0.8758
62.1	0.9895	0.9910	0.9871	0.9879	0.9961	0.9918	0.9944	0.9283
62.2	0.9870	0.9899	0.9835	0.9811	0.9957	0.9882	0.9939	0.8974
62.3	0.9845	0.9862	0.9805	0.9743	0.9945	0.9805	0.9924	0.8471
62.4	0.9854	0.9839	0.9815	0.9805	0.9943	0.9808	0.9936	0.8581
62.5	0.9840	0.9848	0.9777	0.9818	0.9944	0.9811	0.9930	0.8616
62.6	0.9873	0.9894	0.9828	0.9842	0.9952	0.9861	0.9934	0.8527
62.7	0.9906	0.9898	0.9882	0.9850	0.9966	0.9886	0.9949	0.8864
62.8	0.9881	0.9876	0.9832	0.9753	0.9951	0.9813	0.9922	0.8304
62.9	0.9873	0.9893	0.9848	0.9805	0.9943	0.9806	0.9924	0.7971
63.0	0.9876	0.9863	0.9832	0.9785	0.9944	0.9786	0.9909	0.7831
63.1	0.9866	0.9855	0.9803	0.9830	0.9942	0.9768	0.9891	0.7982
63.2	0.9912	0.9857	0.9874	0.9836	0.9965	0.9797	0.9916	0.8379
63.3	0.9864	0.9821	0.9823	0.9790	0.9961	0.9702	0.9915	0.7473
63.4	0.9895	0.9865	0.9845	0.9850	0.9964	0.9767	0.9933	0.7644
63.5	0.9879	0.9848	0.9795	0.9810	0.9939	0.9668	0.9898	0.7679
63.6	0.9885	0.9816	0.9795	0.9804	0.9932	0.9582	0.9893	0.6258
63.7	0.9875	0.9825	0.9792	0.9772	0.9943	0.9656	0.9885	0.5926
63.8	0.9914	0.9862	0.9854	0.9841	0.9942	0.9692	0.9895	0.6444
63.9	0.9897	0.9852	0.9849	0.9862	0.9945	0.9688	0.9915	0.6822
64.0	0.9894	0.9836	0.9859	0.9866	0.9951	0.9688	0.9926	0.7509
64.1	0.9908	0.9852	0.9865	0.9856	0.9955	0.9637	0.9931	0.7725
64.2	0.9890	0.9852	0.9884	0.9854	0.9936	0.9425	0.9909	0.8064
64.3	0.9885	0.9831	0.9875	0.9816	0.9937	0.9217	0.9905	0.8786
64.4	0.9878	0.9817	0.9831	0.9801	0.9946	0.9366	0.9909	0.8789
64.5	0.9887	0.9842	0.9864	0.9830	0.9949	0.9360	0.9902	0.9020
64.6	0.9871	0.9830	0.9824	0.9800	0.9950	0.9193	0.9893	0.9084
64.7	0.9850	0.9803	0.9776	0.9718	0.9907	0.9131	0.9850	0.9258
64.8	0.9882	0.9828	0.9823	0.9790	0.9918	0.9002	0.9852	0.9387
64.9	0.9906	0.9865	0.9871	0.9838	0.9906	0.9006	0.9819	0.9530
65.0	0.9873	0.9882	0.9856	0.9821	0.9863	0.8987	0.9763	0.9432
65.1	0.9863	0.9815	0.9815	0.9808	0.9862	0.8968	0.9787	0.9554
65.2	0.9865	0.9850	0.9830	0.9875	0.9881	0.9126	0.9826	0.9606
65.3	0.9891	0.9864	0.9832	0.9866	0.9911	0.9043	0.9831	0.9706
65.4	0.9910	0.9855	0.9860	0.9850	0.9935	0.9093	0.9862	0.9756
65.5	0.9914	0.9904	0.9879	0.9888	0.9909	0.9287	0.9840	0.9777
65.6	0.9910	0.9882	0.9856	0.9874	0.9868	0.9258	0.9780	0.9748
65.7	0.9904	0.9854	0.9886	0.9855	0.9847	0.9199	0.9753	0.9727
65.8	0.9917	0.9869	0.9859	0.9874	0.9880	0.9460	0.9790	0.9793
65.9	0.9948	0.9904	0.9908	0.9907	0.9916	0.9587	0.9853	0.9829
66.0	0.9917	0.9888	0.9880	0.9891	0.9867	0.9566	0.9806	0.9818
66.1	0.9946	0.9902	0.9919	0.9921	0.9883	0.9592	0.9820	0.9850
66.2	0.9952	0.9899	0.9924	0.9924	0.9889	0.9522	0.9808	0.9799
66.3	0.9946	0.9863	0.9900	0.9918	0.9858	0.9472	0.9788	0.9751
66.4	0.9914	0.9803	0.9846	0.9861	0.9831	0.9378	0.9778	0.9639
66.5	0.9915	0.9823	0.9863	0.9867	0.9880	0.9540	0.9851	0.9699
66.6	0.9931	0.9867	0.9894	0.9892	0.9906	0.9670	0.9853	0.9805
66.7	0.9933	0.9879	0.9898	0.9881	0.9904	0.9623	0.9820	0.9784
66.8	0.9946	0.9903	0.9921	0.9915	0.9901	0.9729	0.9830	0.9806
66.9	0.9924	0.9847	0.9890	0.9887	0.9888	0.9716	0.9816	0.9754
67.0	0.9942	0.9845	0.9906	0.9892	0.9884	0.9655	0.9818	0.9722
67.1	0.9961	0.9897	0.9937	0.9935	0.9912	0.9783	0.9851	0.9776
67.2	0.9941	0.9866	0.9908	0.9903	0.9908	0.9717	0.9871	0.9707
67.3	0.9941	0.9873	0.9891	0.9872	0.9902	0.9693	0.9849	0.9754
67.4	0.9966	0.9903	0.9914	0.9910	0.9931	0.9773	0.9877	0.9824
67.5	0.9967	0.9872	0.9912	0.9908	0.9882	0.9780	0.9834	0.9734
67.6	0.9945	0.9796	0.9884	0.9868	0.9862	0.9705	0.9840	0.9571
67.7	0.9942	0.9799	0.9865	0.9852	0.9874	0.9636	0.9824	0.9565
67.8	0.9961	0.9849	0.9909	0.9867	0.9912	0.9720	0.9863	0.9718
67.9	0.9957	0.9837	0.9919	0.9849	0.9927	0.9643	0.9858	0.9700
68.0	0.9947	0.9786	0.9883	0.9843	0.9887	0.9586	0.9829	0.9590
68.1	0.9934	0.9749	0.9879	0.9824	0.9863	0.9585	0.9797	0.9510

68.2	0.9952	0.9791	0.9895	0.9843	0.9919	0.9654	0.9828	0.9631
68.3	0.9952	0.9839	0.9880	0.9867	0.9927	0.9666	0.9857	0.9628
68.4	0.9928	0.9793	0.9854	0.9834	0.9895	0.9496	0.9806	0.9603
68.5	0.9919	0.9771	0.9840	0.9799	0.9898	0.9360	0.9779	0.9675
68.6	0.9907	0.9776	0.9846	0.9743	0.9901	0.9337	0.9823	0.9567
68.7	0.9920	0.9771	0.9829	0.9749	0.9899	0.9444	0.9840	0.9560
68.8	0.9925	0.9766	0.9830	0.9773	0.9891	0.9502	0.9805	0.9579
68.9	0.9947	0.9763	0.9847	0.9768	0.9906	0.9450	0.9813	0.9557
69.0	0.9937	0.9756	0.9846	0.9741	0.9910	0.9410	0.9829	0.9592
69.1	0.9919	0.9770	0.9821	0.9699	0.9938	0.9409	0.9893	0.9633
69.2	0.9899	0.9739	0.9780	0.9675	0.9915	0.9270	0.9802	0.9533
69.3	0.9863	0.9580	0.9679	0.9427	0.9893	0.8842	0.9713	0.9245
69.4	0.9897	0.9717	0.9796	0.9594	0.9913	0.9153	0.9808	0.9474
69.5	0.9895	0.9719	0.9796	0.9587	0.9902	0.9176	0.9793	0.9549
69.6	0.9806	0.9518	0.9624	0.9205	0.9847	0.8546	0.9638	0.9167
69.7	0.9749	0.9473	0.9577	0.9006	0.9868	0.7924	0.9631	0.9057
69.8	0.9835	0.9515	0.9649	0.9302	0.9884	0.8268	0.9760	0.9248
69.9	0.9829	0.9564	0.9688	0.9064	0.9893	0.7927	0.9754	0.9152
70.0	0.9752	0.9497	0.9599	0.8588	0.9867	0.7534	0.9684	0.8938
70.1	0.9787	0.9579	0.9565	0.8644	0.9882	0.7525	0.9766	0.9075
70.2	0.9826	0.9616	0.9670	0.8779	0.9897	0.7461	0.9765	0.9144
70.3	0.9764	0.9437	0.9556	0.8224	0.9830	0.6350	0.9646	0.8678
70.4	0.9758	0.9385	0.9445	0.7643	0.9822	0.5042	0.9716	0.8520
70.5	0.9677	0.9377	0.9406	0.6883	0.9831	0.3869	0.9696	0.8354
70.6	0.9650	0.9413	0.9290	0.6504	0.9834	0.4469	0.9686	0.8427
70.7	0.9762	0.9477	0.9375	0.6736	0.9845	0.4019	0.9701	0.8576
70.8	0.9694	0.9543	0.9471	0.6300	0.9858	0.3659	0.9647	0.8584
70.9	0.9686	0.9623	0.9466	0.6131	0.9851	0.2523	0.9674	0.8304
71.0	0.9770	0.9626	0.9443	0.6205	0.9834	0.1567	0.9704	0.8059
71.1	0.9686	0.9509	0.9434	0.5099	0.9800	0.1265	0.9607	0.8011
71.2	0.9626	0.9401	0.9228	0.4315	0.9828	0.1292	0.9607	0.7439
71.3	0.9683	0.9509	0.9420	0.5333	0.9861	0.0873	0.9599	0.8032
71.4	0.9679	0.9455	0.9396	0.4894	0.9839	0.0767	0.9524	0.7783
71.5	0.9739	0.9587	0.9429	0.4782	0.9870	0.0851	0.9656	0.8030
71.6	0.9754	0.9515	0.9314	0.5912	0.9867	0.2421	0.9689	0.7752
71.7	0.9800	0.9559	0.9123	0.6912	0.9856	0.3383	0.9718	0.6888
71.8	0.9742	0.9439	0.9054	0.6656	0.9819	0.3175	0.9635	0.6213
71.9	0.9699	0.9487	0.9051	0.6529	0.9833	0.2915	0.9632	0.6331
72.0	0.9579	0.9288	0.9078	0.6616	0.9769	0.1786	0.9443	0.5889
72.1	0.9506	0.8932	0.8741	0.7024	0.9698	0.3097	0.9339	0.4212
72.2	0.9658	0.9325	0.8826	0.8135	0.9802	0.4916	0.9573	0.4733
72.3	0.9689	0.9334	0.9101	0.8421	0.9808	0.5410	0.9553	0.3959
72.4	0.9748	0.9365	0.8969	0.8816	0.9838	0.6292	0.9649	0.2500
72.5	0.9701	0.9086	0.8386	0.8661	0.9794	0.5870	0.9581	0.1443
72.6	0.9610	0.8777	0.7813	0.8549	0.9736	0.5660	0.9445	0.0862
72.7	0.9664	0.9034	0.8234	0.9076	0.9766	0.6871	0.9562	0.0689
72.8	0.9686	0.9169	0.8099	0.9159	0.9776	0.7278	0.9600	0.0369
72.9	0.9584	0.8885	0.7202	0.8859	0.9733	0.6266	0.9486	0.0045
73.0	0.9315	0.8334	0.6986	0.8522	0.9642	0.5574	0.9206	0.0234
73.1	0.9297	0.8292	0.7066	0.8921	0.9625	0.6220	0.9286	0.0035
73.2	0.9441	0.8588	0.7794	0.9266	0.9763	0.7106	0.9438	0.1643
73.3	0.9451	0.8747	0.7802	0.9372	0.9759	0.7185	0.9491	0.1422
73.4	0.9465	0.8617	0.7211	0.9458	0.9748	0.7020	0.9513	0.1930
73.5	0.9253	0.7862	0.7262	0.9242	0.9647	0.6816	0.9316	0.2511
73.6	0.9039	0.7722	0.6801	0.9063	0.9563	0.6194	0.9125	0.1800
73.7	0.9059	0.7761	0.6170	0.9139	0.9532	0.6468	0.9112	0.3136
73.8	0.9344	0.8288	0.7061	0.9400	0.9627	0.7462	0.9389	0.4575
73.9	0.9231	0.8550	0.7474	0.9519	0.9642	0.7850	0.9497	0.4780
74.0	0.9153	0.8149	0.7931	0.9408	0.9702	0.7717	0.9445	0.5006
74.1	0.8957	0.7802	0.8587	0.9417	0.9634	0.8037	0.9336	0.6357
74.2	0.8957	0.8137	0.8173	0.9567	0.9629	0.8189	0.9406	0.6127
74.3	0.7947	0.7093	0.7896	0.9391	0.9435	0.7821	0.9147	0.6971
74.4	0.8032	0.6927	0.7881	0.9289	0.9469	0.8011	0.9073	0.6795
74.5	0.6790	0.6905	0.7985	0.9404	0.9433	0.7676	0.9042	0.6812
74.6	0.5295	0.6777	0.8237	0.9443	0.9369	0.7934	0.9029	0.7059
74.7	0.5727	0.6927	0.7655	0.9371	0.9312	0.7380	0.8977	0.6935
74.8	0.5243	0.7025	0.8058	0.9394	0.9334	0.7388	0.9020	0.7620
74.9	0.3992	0.7524	0.8920	0.9502	0.9474	0.7587	0.9164	0.8213
75.0	0.3187	0.7021	0.8327	0.9369	0.9441	0.7044	0.9093	0.7886
75.1	0.5255	0.6709	0.8049	0.9382	0.9346	0.6971	0.9066	0.8114
75.2	0.6598	0.6127	0.8155	0.9396	0.9334	0.6446	0.8869	0.8176
75.3	0.7163	0.5458	0.7937	0.9344	0.9230	0.6174	0.8681	0.8468
75.4	0.7580	0.5797	0.8153	0.9447	0.9298	0.6722	0.8783	0.8531
75.5	0.8259	0.5837	0.8436	0.9445	0.9188	0.6452	0.8814	0.8715
75.6	0.8554	0.5335	0.7855	0.9369	0.9095	0.4895	0.8645	0.8854
75.7	0.8395	0.5230	0.7403	0.9163	0.8932	0.3590	0.8667	0.8888
75.8	0.8569	0.4334	0.7970	0.9329	0.9006	0.5143	0.8729	0.8888
75.9	0.9124	0.4447	0.8536	0.9574	0.9160	0.5230	0.8729	0.9000
76.0	0.8761	0.5465	0.7296	0.9492	0.9250	0.3030	0.8890	0.8653
76.1	0.8848	0.5748	0.7435	0.9477	0.9446	0.2472	0.8770	0.8757
76.2	0.9311	0.5249	0.8528	0.9555	0.9293	0.2901	0.8804	0.9129
76.3	0.9243	0.5685	0.8417	0.9559	0.9309	0.2013	0.8955	0.9100
76.4	0.9312	0.5319	0.7963	0.9469	0.9155	0.0923	0.8444	0.9042
76.5	0.9374	0.5611	0.8197	0.9484	0.9058	0.0239	0.8043	0.9100
76.6	0.9344	0.5766	0.7835	0.9477	0.8961	0.1097	0.7994	0.9004
76.7	0.9315	0.6814	0.7903	0.9426	0.8943	0.1579	0.8148	0.8881

76.8	0.9276	0.6922	0.7860	0.9274	0.8411	0.2365	0.7645	0.8774
76.9	0.9282	0.6769	0.8008	0.9273	0.8286	0.2238	0.7664	0.8843
77.0	0.9347	0.7268	0.8100	0.9361	0.8358	0.2622	0.7945	0.8976
77.1	0.9400	0.7603	0.8138	0.9345	0.8398	0.2963	0.7905	0.9165
77.2	0.9445	0.7705	0.7686	0.9255	0.8475	0.2466	0.7776	0.9044
77.3	0.9500	0.7862	0.8075	0.9217	0.8539	0.2855	0.7436	0.9212
77.4	0.9492	0.7694	0.7991	0.9268	0.8776	0.2821	0.7326	0.9243
77.5	0.9578	0.7497	0.8227	0.9388	0.8553	0.4469	0.7383	0.9358
77.6	0.9431	0.7578	0.8092	0.9293	0.8306	0.3802	0.6866	0.9111
77.7	0.9656	0.8027	0.8868	0.9455	0.8793	0.4617	0.7159	0.9537
77.8	0.9660	0.8318	0.8747	0.9574	0.8863	0.5168	0.7720	0.9638
77.9	0.9596	0.8298	0.8744	0.9508	0.8733	0.6519	0.7588	0.9499
78.0	0.9517	0.8058	0.8245	0.9370	0.8379	0.5809	0.6844	0.9391
78.1	0.9545	0.8079	0.8044	0.9447	0.8683	0.4776	0.7693	0.9440
78.2	0.9529	0.7559	0.8057	0.9395	0.8781	0.5147	0.7722	0.9344
78.3	0.9579	0.7266	0.8438	0.9387	0.8750	0.5258	0.6656	0.9333
78.4	0.9617	0.7789	0.8636	0.9497	0.8658	0.5700	0.6729	0.9413
78.5	0.9483	0.7697	0.8363	0.9262	0.8320	0.5061	0.6913	0.9451
78.6	0.9583	0.7379	0.8537	0.9381	0.8387	0.5318	0.6867	0.9505
78.7	0.9529	0.7542	0.8747	0.9360	0.8391	0.5447	0.6912	0.9580
78.8	0.9498	0.7602	0.8447	0.9314	0.8384	0.5889	0.7654	0.9476
78.9	0.9568	0.7734	0.8586	0.9389	0.8676	0.6764	0.7766	0.9525
79.0	0.9430	0.7964	0.8449	0.9268	0.8404	0.7029	0.7256	0.9455
79.1	0.9379	0.7361	0.8530	0.9207	0.8264	0.6346	0.7526	0.9499
79.2	0.9257	0.7515	0.8421	0.9053	0.8350	0.7048	0.7624	0.9395
79.3	0.9563	0.8201	0.9205	0.9368	0.8660	0.8093	0.8088	0.9618
79.4	0.9722	0.8537	0.9378	0.9600	0.8744	0.8508	0.8299	0.9735
79.5	0.9665	0.7776	0.9180	0.9470	0.8266	0.7930	0.8181	0.9660
79.6	0.9518	0.7097	0.8681	0.9308	0.7699	0.7861	0.7955	0.9464
79.7	0.9650	0.7479	0.8773	0.9461	0.8469	0.7871	0.7816	0.9564
79.8	0.9662	0.7513	0.9033	0.9436	0.8402	0.7577	0.7511	0.9683
79.9	0.9473	0.6448	0.8749	0.9164	0.7506	0.7357	0.7336	0.9604
80.0	0.9518	0.6578	0.8749	0.9258	0.8086	0.7764	0.8284	0.9607

1.2.23 Run 6 – VT000-200 – NF and AF gauges

Vertical shaking at 0° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.0306	0.0131	0.8309	0.7440	0.5674	0.8183	0.5832	0.5775
0.1	0.6670	0.8050	0.8161	0.5876	0.0130	0.7643	0.0938	0.0211
0.2	0.9755	0.9988	0.9925	0.9907	0.1966	0.9727	0.2445	0.0783
0.3	0.9843	0.9993	0.9938	0.9934	0.2358	0.9832	0.5204	0.0728
0.4	0.9839	0.9994	0.9856	0.9859	0.3050	0.9858	0.6299	0.0245
0.5	0.9715	0.9984	0.9386	0.9529	0.4720	0.9815	0.3870	0.0995
0.6	0.9890	0.9993	0.9811	0.9853	0.7339	0.9915	0.2400	0.1510
0.7	0.9959	0.9997	0.9639	0.9583	0.7644	0.9938	0.4885	0.0343
0.8	0.9924	0.9996	0.7331	0.7113	0.5379	0.9918	0.4799	0.0523
0.9	0.9883	0.9995	0.7343	0.9089	0.7003	0.9912	0.6572	0.0786
1.0	0.9834	0.9989	0.9681	0.9916	0.7615	0.9874	0.6908	0.2461
1.1	0.9839	0.9986	0.9948	0.9978	0.8668	0.9881	0.7481	0.5508
1.2	0.9873	0.9990	0.9970	0.9982	0.9177	0.9907	0.7782	0.4827
1.3	0.9954	0.9997	0.9980	0.9987	0.9495	0.9950	0.7682	0.4723
1.4	0.9972	0.9998	0.9987	0.9991	0.9578	0.9961	0.8297	0.5514
1.5	0.9968	0.9998	0.9990	0.9990	0.9555	0.9961	0.8391	0.5824
1.6	0.9966	0.9998	0.9990	0.9991	0.9700	0.9957	0.8985	0.7444
1.7	0.9950	0.9996	0.9985	0.9990	0.9644	0.9942	0.8859	0.7648
1.8	0.9913	0.9994	0.9982	0.9986	0.9499	0.9911	0.8923	0.7204
1.9	0.9560	0.9958	0.9966	0.9980	0.8190	0.9622	0.7182	0.6850
2.0	0.9309	0.9941	0.9954	0.9980	0.8183	0.9523	0.8039	0.7665
2.1	0.9435	0.9968	0.9843	0.9946	0.8352	0.9644	0.8528	0.7314
2.2	0.9655	0.9982	0.9852	0.9928	0.7383	0.9601	0.7265	0.6868
2.3	0.9701	0.9987	0.9973	0.9981	0.4737	0.8056	0.4492	0.4840
2.4	0.9725	0.9990	0.9983	0.9992	0.4901	0.5502	0.5678	0.5611
2.5	0.9842	0.9993	0.9984	0.9989	0.3640	0.8812	0.6309	0.5832
2.6	0.9839	0.9994	0.9979	0.9982	0.0070	0.9901	0.6625	0.3363
2.7	0.9903	0.9996	0.9978	0.9988	0.2027	0.9919	0.7531	0.2282
2.8	0.9941	0.9997	0.9981	0.9988	0.5656	0.9925	0.6180	0.1616
2.9	0.9943	0.9998	0.9982	0.9990	0.7107	0.9939	0.4084	0.0802
3.0	0.9928	0.9997	0.9973	0.9985	0.6562	0.9905	0.2407	0.0296
3.1	0.9831	0.9992	0.9968	0.9968	0.6705	0.9869	0.1905	0.0268
3.2	0.9836	0.9992	0.9964	0.9972	0.8039	0.9835	0.3210	0.0492
3.3	0.9767	0.9985	0.9939	0.9961	0.8481	0.9781	0.4178	0.0353
3.4	0.9488	0.9967	0.9916	0.9945	0.7601	0.9660	0.4334	0.0589
3.5	0.9333	0.9961	0.9879	0.9930	0.5638	0.9587	0.3042	0.1027
3.6	0.8112	0.9888	0.9802	0.9908	0.1620	0.8758	0.1808	0.0658
3.7	0.9247	0.9925	0.9917	0.9936	0.6826	0.9470	0.4595	0.1536
3.8	0.9955	0.9997	0.9991	0.9991	0.9749	0.9970	0.9112	0.6962
3.9	0.9991	1.0000	0.9997	0.9997	0.9925	0.9992	0.9762	0.8527
4.0	0.9995	1.0000	0.9998	0.9999	0.9954	0.9995	0.9872	0.9029
4.1	0.9994	0.9999	0.9997	0.9998	0.9919	0.9993	0.9817	0.8637
4.2	0.9991	0.9999	0.9996	0.9998	0.9904	0.9989	0.9809	0.8256
4.3	0.9985	0.9999	0.9996	0.9997	0.9865	0.9988	0.9757	0.8127
4.4	0.9982	0.9999	0.9992	0.9995	0.9842	0.9983	0.9626	0.7496
4.5	0.9978	0.9999	0.9991	0.9995	0.9832	0.9976	0.9500	0.7225
4.6	0.9966	0.9998	0.9981	0.9989	0.9744	0.9957	0.9319	0.5604
4.7	0.9961	0.9998	0.9983	0.9987	0.9727	0.9950	0.9346	0.6321
4.8	0.9945	0.9997	0.9980	0.9983	0.9703	0.9943	0.9451	0.6025
4.9	0.9934	0.9996	0.9964	0.9980	0.9552	0.9926	0.9024	0.5837
5.0	0.9945	0.9995	0.9971	0.9985	0.9620	0.9936	0.9451	0.7446
5.1	0.9979	0.9998	0.9985	0.9990	0.9847	0.9967	0.9770	0.8796
5.2	0.9971	0.9998	0.9976	0.9987	0.9788	0.9959	0.9662	0.8253
5.3	0.9951	0.9993	0.9963	0.9979	0.9636	0.9907	0.9341	0.6376
5.4	0.9887	0.9989	0.9921	0.9960	0.9096	0.9770	0.8769	0.4475
5.5	0.9537	0.9974	0.9854	0.9901	0.7130	0.9365	0.5293	0.2646
5.6	0.9358	0.9957	0.9797	0.9787	0.6850	0.9146	0.4070	0.1988
5.7	0.9865	0.9992	0.9938	0.9943	0.9236	0.9792	0.8835	0.6466
5.8	0.9955	0.9997	0.9981	0.9983	0.9710	0.9940	0.9607	0.8635
5.9	0.9982	0.9998	0.9985	0.9987	0.9812	0.9967	0.9713	0.9074
6.0	0.9989	0.9999	0.9991	0.9994	0.9928	0.9982	0.9862	0.9518
6.1	0.9988	1.0000	0.9993	0.9997	0.9936	0.9982	0.9841	0.9562
6.2	0.9993	0.9999	0.9996	0.9998	0.9953	0.9986	0.9905	0.9765
6.3	0.9994	1.0000	0.9997	0.9997	0.9966	0.9992	0.9937	0.9808
6.4	0.9986	0.9999	0.9995	0.9996	0.9933	0.9986	0.9863	0.9731
6.5	0.9980	1.0000	0.9994	0.9997	0.9932	0.9987	0.9878	0.9757
6.6	0.9958	1.0000	0.9992	0.9996	0.9868	0.9980	0.9797	0.9610
6.7	0.9893	0.9999	0.9988	0.9993	0.9744	0.9958	0.9644	0.9506
6.8	0.9435	0.9999	0.9966	0.9979	0.9043	0.9812	0.8670	0.8607
6.9	0.8106	0.9995	0.9908	0.9942	0.7961	0.9188	0.7768	0.7876
7.0	0.7457	0.9978	0.9720	0.9832	0.7663	0.8202	0.7648	0.7749
7.1	0.8326	0.9946	0.9391	0.9597	0.8335	0.8619	0.8292	0.8308
7.2	0.9520	0.9976	0.9548	0.9734	0.9488	0.9606	0.9450	0.9458
7.3	0.9706	0.9983	0.9392	0.9723	0.9689	0.9775	0.9675	0.9669
7.4	0.9817	0.9987	0.9125	0.9676	0.9789	0.9854	0.9771	0.9765
7.5	0.9808	0.9990	0.8382	0.9570	0.9760	0.9838	0.9733	0.9716
7.6	0.9965	0.9999	0.9730	0.9922	0.9953	0.9969	0.9942	0.9933
7.7	0.9990	0.9999	0.9911	0.9964	0.9984	0.9990	0.9981	0.9973
7.8	0.9996	0.9998	0.9952	0.9980	0.9989	0.9991	0.9985	0.9977
7.9	0.9994	0.9997	0.9981	0.9991	0.9982	0.9988	0.9978	0.9974

8.0	0.9991	0.9996	0.9966	0.9990	0.9980	0.9985	0.9975	0.9971
8.1	0.9996	0.9997	0.9970	0.9988	0.9983	0.9989	0.9981	0.9978
8.2	0.9995	0.9996	0.9983	0.9991	0.9983	0.9988	0.9980	0.9977
8.3	0.9995	0.9997	0.9986	0.9992	0.9986	0.9989	0.9982	0.9981
8.4	0.9994	0.9996	0.9985	0.9991	0.9983	0.9987	0.9981	0.9978
8.5	0.9993	0.9995	0.9988	0.9992	0.9983	0.9987	0.9982	0.9975
8.6	0.9987	0.9991	0.9980	0.9989	0.9969	0.9975	0.9964	0.9960
8.7	0.9975	0.9983	0.9966	0.9981	0.9944	0.9959	0.9939	0.9933
8.8	0.9967	0.9976	0.9967	0.9982	0.9928	0.9945	0.9920	0.9915
8.9	0.9954	0.9966	0.9949	0.9979	0.9910	0.9927	0.9903	0.9896
9.0	0.9934	0.9954	0.9933	0.9977	0.9884	0.9901	0.9877	0.9862
9.1	0.9921	0.9939	0.9908	0.9965	0.9857	0.9876	0.9848	0.9847
9.2	0.9770	0.9807	0.9752	0.9894	0.9636	0.9670	0.9623	0.9603
9.3	0.9542	0.9603	0.9477	0.9778	0.9382	0.9420	0.9380	0.9352
9.4	0.9470	0.9519	0.9397	0.9733	0.9428	0.9424	0.9445	0.9428
9.5	0.9622	0.9657	0.9532	0.9850	0.9653	0.9625	0.9676	0.9658
9.6	0.9554	0.9642	0.9466	0.9878	0.9649	0.9597	0.9690	0.9679
9.7	0.9519	0.9692	0.9283	0.9933	0.9653	0.9555	0.9709	0.9698
9.8	0.9647	0.9827	0.9333	0.9949	0.9608	0.9477	0.9709	0.9672
9.9	0.9810	0.9921	0.9472	0.9974	0.9617	0.9493	0.9744	0.9698
10.0	0.9905	0.9956	0.9642	0.9984	0.9568	0.9516	0.9729	0.9634
10.1	0.9906	0.9958	0.9690	0.9975	0.9277	0.9470	0.9561	0.9360
10.2	0.9965	0.9983	0.9738	0.9989	0.9644	0.9820	0.9741	0.9472
10.3	0.9972	0.9989	0.9681	0.9988	0.9767	0.9889	0.9781	0.9584
10.4	0.9992	0.9997	0.9564	0.9991	0.9945	0.9970	0.9949	0.9821
10.5	0.9981	0.9992	0.8585	0.9989	0.9877	0.9938	0.9844	0.9523
10.6	0.9985	0.9993	0.8612	0.9991	0.9881	0.9945	0.9853	0.9550
10.7	0.9981	0.9991	0.8917	0.9990	0.9875	0.9937	0.9826	0.9500
10.8	0.9974	0.9986	0.8968	0.9984	0.9835	0.9916	0.9752	0.9518
10.9	0.9984	0.9991	0.9092	0.9988	0.9914	0.9958	0.9879	0.9770
11.0	0.9985	0.9992	0.8860	0.9991	0.9935	0.9963	0.9913	0.9826
11.1	0.9991	0.9995	0.9049	0.9994	0.9963	0.9979	0.9955	0.9912
11.2	0.9983	0.9992	0.8450	0.9987	0.9954	0.9973	0.9946	0.9915
11.3	0.9989	0.9994	0.7976	0.9990	0.9964	0.9979	0.9958	0.9931
11.4	0.9986	0.9993	0.8005	0.9985	0.9963	0.9977	0.9956	0.9926
11.5	0.9990	0.9995	0.8637	0.9989	0.9978	0.9984	0.9974	0.9957
11.6	0.9983	0.9991	0.8890	0.9988	0.9965	0.9974	0.9958	0.9942
11.7	0.9986	0.9992	0.9026	0.9984	0.9970	0.9981	0.9963	0.9955
11.8	0.9988	0.9993	0.9299	0.9985	0.9974	0.9982	0.9970	0.9964
11.9	0.9986	0.9992	0.9485	0.9984	0.9974	0.9979	0.9966	0.9962
12.0	0.9986	0.9991	0.9568	0.9981	0.9975	0.9980	0.9970	0.9964
12.1	0.9985	0.9990	0.9697	0.9979	0.9971	0.9978	0.9971	0.9963
12.2	0.9981	0.9988	0.9704	0.9971	0.9969	0.9975	0.9964	0.9960
12.3	0.9985	0.9990	0.9736	0.9968	0.9978	0.9982	0.9971	0.9972
12.4	0.9982	0.9988	0.9760	0.9966	0.9972	0.9977	0.9968	0.9971
12.5	0.9978	0.9986	0.9737	0.9952	0.9966	0.9973	0.9965	0.9964
12.6	0.9973	0.9982	0.9734	0.9934	0.9961	0.9969	0.9962	0.9951
12.7	0.9971	0.9980	0.9759	0.9925	0.9962	0.9967	0.9959	0.9954
12.8	0.9966	0.9977	0.9787	0.9922	0.9954	0.9961	0.9953	0.9949
12.9	0.9963	0.9974	0.9791	0.9909	0.9951	0.9957	0.9954	0.9945
13.0	0.9967	0.9975	0.9882	0.9941	0.9956	0.9962	0.9959	0.9947
13.1	0.9962	0.9970	0.9863	0.9922	0.9952	0.9957	0.9955	0.9942
13.2	0.9948	0.9958	0.9784	0.9856	0.9936	0.9942	0.9939	0.9927
13.3	0.9945	0.9957	0.9712	0.9794	0.9935	0.9943	0.9941	0.9926
13.4	0.9942	0.9952	0.9575	0.9661	0.9935	0.9939	0.9939	0.9927
13.5	0.9912	0.9928	0.9445	0.9504	0.9904	0.9909	0.9911	0.9895
13.6	0.9891	0.9910	0.9218	0.9225	0.9885	0.9888	0.9888	0.9877
13.7	0.9908	0.9924	0.9342	0.9275	0.9904	0.9907	0.9899	0.9908
13.8	0.9892	0.9905	0.9554	0.9484	0.9886	0.9891	0.9870	0.9897
13.9	0.9782	0.9805	0.9570	0.9475	0.9772	0.9779	0.9749	0.9787
14.0	0.9747	0.9766	0.9697	0.9621	0.9737	0.9745	0.9724	0.9743
14.1	0.9409	0.9441	0.9543	0.9420	0.9392	0.9405	0.9378	0.9400
14.2	0.9262	0.9282	0.9235	0.9074	0.9258	0.9261	0.9249	0.9263
14.3	0.9414	0.9415	0.9253	0.9141	0.9419	0.9418	0.9416	0.9424
14.4	0.9257	0.9239	0.8518	0.8525	0.9277	0.9267	0.9278	0.9284
14.5	0.9652	0.9634	0.9044	0.9204	0.9665	0.9657	0.9669	0.9669
14.6	0.9744	0.9722	0.8873	0.9285	0.9755	0.9748	0.9758	0.9757
14.7	0.9885	0.9873	0.9239	0.9668	0.9891	0.9888	0.9894	0.9892
14.8	0.9903	0.9891	0.9088	0.9722	0.9912	0.9908	0.9916	0.9913
14.9	0.9928	0.9917	0.8608	0.9707	0.9936	0.9932	0.9937	0.9937
15.0	0.9951	0.9941	0.8891	0.9764	0.9956	0.9953	0.9956	0.9958
15.1	0.9961	0.9952	0.9603	0.9839	0.9966	0.9964	0.9968	0.9966
15.2	0.9954	0.9943	0.9743	0.9809	0.9960	0.9957	0.9962	0.9961
15.3	0.9968	0.9959	0.9876	0.9848	0.9973	0.9971	0.9975	0.9974
15.4	0.9971	0.9962	0.9922	0.9883	0.9977	0.9974	0.9979	0.9976
15.5	0.9979	0.9972	0.9934	0.9894	0.9982	0.9981	0.9984	0.9983
15.6	0.9977	0.9969	0.9948	0.9910	0.9981	0.9979	0.9982	0.9981
15.7	0.9983	0.9979	0.9958	0.9920	0.9987	0.9986	0.9988	0.9987
15.8	0.9983	0.9976	0.9952	0.9894	0.9987	0.9986	0.9988	0.9987
15.9	0.9986	0.9979	0.9967	0.9910	0.9989	0.9988	0.9990	0.9989
16.0	0.9988	0.9982	0.9969	0.9925	0.9990	0.9989	0.9990	0.9990
16.1	0.9988	0.9982	0.9975	0.9919	0.9990	0.9989	0.9990	0.9989
16.2	0.9992	0.9988	0.9980	0.9913	0.9993	0.9992	0.9993	0.9992
16.3	0.9994	0.9991	0.9979	0.9923	0.9994	0.9994	0.9994	0.9995
16.4	0.9992	0.9987	0.9971	0.9907	0.9992	0.9992	0.9993	0.9992
16.5	0.9994	0.9990	0.9979	0.9918	0.9995	0.9994	0.9995	0.9995

16.6	0.9994	0.9991	0.9981	0.9933	0.9996	0.9995	0.9996	0.9996
16.7	0.9993	0.9989	0.9979	0.9933	0.9995	0.9994	0.9994	0.9994
16.8	0.9993	0.9987	0.9979	0.9925	0.9993	0.9993	0.9992	0.9991
16.9	0.9993	0.9987	0.9984	0.9945	0.9994	0.9993	0.9993	0.9993
17.0	0.9994	0.9990	0.9987	0.9949	0.9996	0.9995	0.9996	0.9995
17.1	0.9995	0.9991	0.9984	0.9933	0.9995	0.9994	0.9995	0.9994
17.2	0.9994	0.9987	0.9980	0.9921	0.9994	0.9993	0.9995	0.9992
17.3	0.9995	0.9989	0.9982	0.9938	0.9995	0.9995	0.9996	0.9994
17.4	0.9996	0.9992	0.9987	0.9950	0.9996	0.9995	0.9996	0.9995
17.5	0.9996	0.9992	0.9987	0.9947	0.9996	0.9995	0.9995	0.9993
17.6	0.9997	0.9994	0.9989	0.9960	0.9996	0.9996	0.9996	0.9994
17.7	0.9996	0.9993	0.9989	0.9963	0.9996	0.9994	0.9995	0.9994
17.8	0.9995	0.9989	0.9984	0.9950	0.9995	0.9993	0.9995	0.9991
17.9	0.9995	0.9987	0.9985	0.9937	0.9994	0.9992	0.9994	0.9992
18.0	0.9996	0.9991	0.9984	0.9940	0.9996	0.9993	0.9995	0.9994
18.1	0.9996	0.9991	0.9986	0.9946	0.9996	0.9995	0.9996	0.9995
18.2	0.9996	0.9991	0.9985	0.9952	0.9996	0.9995	0.9996	0.9993
18.3	0.9997	0.9990	0.9986	0.9953	0.9996	0.9995	0.9995	0.9993
18.4	0.9997	0.9991	0.9987	0.9952	0.9997	0.9996	0.9996	0.9995
18.5	0.9998	0.9992	0.9991	0.9959	0.9997	0.9996	0.9997	0.9995
18.6	0.9997	0.9990	0.9989	0.9964	0.9997	0.9996	0.9996	0.9995
18.7	0.9995	0.9988	0.9985	0.9961	0.9996	0.9996	0.9997	0.9994
18.8	0.9995	0.9989	0.9987	0.9962	0.9997	0.9996	0.9997	0.9994
18.9	0.9997	0.9989	0.9986	0.9949	0.9997	0.9997	0.9998	0.9995
19.0	0.9995	0.9984	0.9983	0.9949	0.9996	0.9995	0.9997	0.9994
19.1	0.9996	0.9990	0.9985	0.9947	0.9997	0.9996	0.9997	0.9994
19.2	0.9997	0.9989	0.9988	0.9946	0.9997	0.9997	0.9996	0.9995
19.3	0.9997	0.9986	0.9989	0.9953	0.9997	0.9996	0.9997	0.9994
19.4	0.9997	0.9988	0.9984	0.9951	0.9997	0.9996	0.9997	0.9995
19.5	0.9996	0.9985	0.9986	0.9955	0.9997	0.9996	0.9997	0.9994
19.6	0.9996	0.9986	0.9985	0.9948	0.9997	0.9995	0.9996	0.9993
19.7	0.9994	0.9983	0.9981	0.9935	0.9994	0.9993	0.9994	0.9991
19.8	0.9996	0.9989	0.9987	0.9944	0.9996	0.9995	0.9996	0.9993
19.9	0.9995	0.9987	0.9984	0.9933	0.9996	0.9996	0.9996	0.9992
20.0	0.9996	0.9989	0.9987	0.9950	0.9996	0.9995	0.9996	0.9993
20.1	0.9996	0.9986	0.9988	0.9951	0.9996	0.9995	0.9996	0.9992
20.2	0.9997	0.9987	0.9990	0.9949	0.9996	0.9995	0.9995	0.9992
20.3	0.9994	0.9975	0.9981	0.9933	0.9991	0.9989	0.9989	0.9988
20.4	0.9996	0.9986	0.9987	0.9954	0.9993	0.9992	0.9993	0.9990
20.5	0.9996	0.9988	0.9987	0.9947	0.9994	0.9993	0.9993	0.9990
20.6	0.9997	0.9987	0.9990	0.9951	0.9994	0.9992	0.9993	0.9991
20.7	0.9996	0.9984	0.9990	0.9942	0.9993	0.9990	0.9992	0.9989
20.8	0.9997	0.9982	0.9988	0.9946	0.9992	0.9991	0.9991	0.9986
20.9	0.9996	0.9977	0.9983	0.9936	0.9990	0.9988	0.9989	0.9981
21.0	0.9995	0.9971	0.9985	0.9936	0.9988	0.9986	0.9984	0.9976
21.1	0.9996	0.9980	0.9981	0.9955	0.9987	0.9985	0.9985	0.9977
21.2	0.9996	0.9983	0.9979	0.9955	0.9990	0.9989	0.9988	0.9984
21.3	0.9996	0.9980	0.9979	0.9955	0.9993	0.9990	0.9991	0.9986
21.4	0.9997	0.9983	0.9983	0.9969	0.9993	0.9993	0.9990	0.9987
21.5	0.9997	0.9983	0.9981	0.9965	0.9992	0.9991	0.9989	0.9983
21.6	0.9997	0.9986	0.9988	0.9960	0.9994	0.9993	0.9992	0.9985
21.7	0.9997	0.9981	0.9982	0.9952	0.9993	0.9990	0.9991	0.9985
21.8	0.9996	0.9978	0.9975	0.9933	0.9994	0.9988	0.9990	0.9987
21.9	0.9994	0.9969	0.9973	0.9941	0.9991	0.9986	0.9989	0.9978
22.0	0.9996	0.9976	0.9977	0.9942	0.9992	0.9988	0.9991	0.9981
22.1	0.9995	0.9974	0.9977	0.9921	0.9992	0.9990	0.9991	0.9986
22.2	0.9996	0.9979	0.9975	0.9929	0.9993	0.9992	0.9993	0.9990
22.3	0.9995	0.9979	0.9975	0.9934	0.9993	0.9990	0.9992	0.9988
22.4	0.9996	0.9979	0.9978	0.9946	0.9994	0.9993	0.9994	0.9990
22.5	0.9996	0.9981	0.9977	0.9929	0.9995	0.9993	0.9994	0.9992
22.6	0.9994	0.9976	0.9964	0.9910	0.9995	0.9991	0.9994	0.9992
22.7	0.9996	0.9977	0.9975	0.9903	0.9994	0.9991	0.9995	0.9991
22.8	0.9997	0.9974	0.9982	0.9919	0.9995	0.9993	0.9993	0.9991
22.9	0.9997	0.9980	0.9983	0.9933	0.9996	0.9993	0.9994	0.9991
23.0	0.9997	0.9984	0.9982	0.9952	0.9996	0.9994	0.9996	0.9993
23.1	0.9996	0.9974	0.9984	0.9935	0.9996	0.9995	0.9995	0.9992
23.2	0.9996	0.9978	0.9987	0.9950	0.9996	0.9995	0.9995	0.9992
23.3	0.9996	0.9976	0.9987	0.9951	0.9996	0.9995	0.9996	0.9994
23.4	0.9996	0.9980	0.9983	0.9951	0.9996	0.9994	0.9996	0.9993
23.5	0.9996	0.9965	0.9980	0.9941	0.9994	0.9993	0.9993	0.9990
23.6	0.9996	0.9975	0.9986	0.9951	0.9995	0.9994	0.9995	0.9990
23.7	0.9996	0.9976	0.9987	0.9950	0.9996	0.9994	0.9995	0.9991
23.8	0.9997	0.9968	0.9987	0.9953	0.9996	0.9994	0.9996	0.9991
23.9	0.9997	0.9968	0.9985	0.9948	0.9996	0.9994	0.9995	0.9991
24.0	0.9997	0.9969	0.9987	0.9948	0.9995	0.9993	0.9995	0.9992
24.1	0.9996	0.9971	0.9980	0.9959	0.9994	0.9993	0.9995	0.9992
24.2	0.9996	0.9970	0.9981	0.9958	0.9996	0.9995	0.9996	0.9993
24.3	0.9996	0.9969	0.9981	0.9954	0.9996	0.9995	0.9995	0.9992
24.4	0.9995	0.9965	0.9983	0.9954	0.9995	0.9994	0.9994	0.9990
24.5	0.9996	0.9960	0.9985	0.9961	0.9994	0.9993	0.9993	0.9990
24.6	0.9997	0.9962	0.9981	0.9959	0.9995	0.9994	0.9994	0.9991
24.7	0.9996	0.9956	0.9982	0.9952	0.9995	0.9996	0.9994	0.9991
24.8	0.9995	0.9965	0.9987	0.9960	0.9995	0.9994	0.9995	0.9992
24.9	0.9995	0.9967	0.9982	0.9950	0.9995	0.9993	0.9996	0.9990
25.0	0.9997	0.9968	0.9986	0.9960	0.9996	0.9995	0.9996	0.9991
25.1	0.9996	0.9969	0.9987	0.9969	0.9996	0.9994	0.9994	0.9989

25.2	0.9995	0.9965	0.9987	0.9967	0.9996	0.9995	0.9995	0.9992
25.3	0.9996	0.9969	0.9989	0.9969	0.9996	0.9995	0.9996	0.9994
25.4	0.9997	0.9966	0.9987	0.9962	0.9996	0.9994	0.9997	0.9993
25.5	0.9996	0.9959	0.9989	0.9955	0.9995	0.9995	0.9996	0.9992
25.6	0.9996	0.9964	0.9985	0.9963	0.9996	0.9995	0.9995	0.9992
25.7	0.9995	0.9942	0.9980	0.9964	0.9995	0.9993	0.9994	0.9989
25.8	0.9996	0.9948	0.9986	0.9965	0.9994	0.9995	0.9994	0.9992
25.9	0.9996	0.9953	0.9987	0.9956	0.9994	0.9995	0.9995	0.9992
26.0	0.9996	0.9937	0.9985	0.9943	0.9991	0.9994	0.9994	0.9990
26.1	0.9995	0.9939	0.9979	0.9937	0.9991	0.9993	0.9994	0.9990
26.2	0.9995	0.9951	0.9982	0.9945	0.9994	0.9995	0.9994	0.9991
26.3	0.9996	0.9955	0.9983	0.9950	0.9996	0.9996	0.9996	0.9995
26.4	0.9996	0.9952	0.9987	0.9931	0.9995	0.9996	0.9996	0.9993
26.5	0.9997	0.9956	0.9982	0.9929	0.9995	0.9995	0.9997	0.9993
26.6	0.9997	0.9957	0.9987	0.9922	0.9994	0.9995	0.9996	0.9993
26.7	0.9996	0.9960	0.9984	0.9922	0.9995	0.9996	0.9997	0.9992
26.8	0.9995	0.9956	0.9985	0.9924	0.9994	0.9996	0.9996	0.9993
26.9	0.9993	0.9943	0.9987	0.9929	0.9992	0.9996	0.9993	0.9992
27.0	0.9993	0.9934	0.9982	0.9912	0.9991	0.9995	0.9993	0.9990
27.1	0.9996	0.9950	0.9985	0.9946	0.9994	0.9996	0.9996	0.9990
27.2	0.9995	0.9944	0.9980	0.9933	0.9994	0.9995	0.9996	0.9990
27.3	0.9995	0.9949	0.9975	0.9937	0.9993	0.9994	0.9994	0.9991
27.4	0.9995	0.9957	0.9976	0.9900	0.9993	0.9993	0.9995	0.9988
27.5	0.9995	0.9950	0.9975	0.9918	0.9994	0.9994	0.9995	0.9989
27.6	0.9994	0.9937	0.9958	0.9909	0.9992	0.9993	0.9994	0.9988
27.7	0.9996	0.9951	0.9972	0.9938	0.9994	0.9995	0.9994	0.9990
27.8	0.9993	0.9932	0.9960	0.9916	0.9991	0.9993	0.9993	0.9990
27.9	0.9994	0.9915	0.9962	0.9947	0.9990	0.9993	0.9993	0.9992
28.0	0.9994	0.9919	0.9955	0.9939	0.9989	0.9994	0.9992	0.9989
28.1	0.9994	0.9931	0.9964	0.9953	0.9990	0.9994	0.9992	0.9989
28.2	0.9993	0.9923	0.9962	0.9959	0.9987	0.9990	0.9989	0.9986
28.3	0.9994	0.9920	0.9954	0.9964	0.9986	0.9991	0.9989	0.9986
28.4	0.9994	0.9924	0.9962	0.9966	0.9988	0.9994	0.9992	0.9988
28.5	0.9993	0.9914	0.9963	0.9952	0.9985	0.9991	0.9990	0.9982
28.6	0.9996	0.9943	0.9967	0.9971	0.9990	0.9994	0.9993	0.9988
28.7	0.9994	0.9911	0.9962	0.9963	0.9986	0.9992	0.9989	0.9988
28.8	0.9989	0.9864	0.9952	0.9950	0.9982	0.9989	0.9985	0.9985
28.9	0.9988	0.9843	0.9950	0.9950	0.9977	0.9989	0.9982	0.9977
29.0	0.9987	0.9851	0.9946	0.9957	0.9975	0.9988	0.9982	0.9979
29.1	0.9989	0.9894	0.9965	0.9976	0.9981	0.9989	0.9985	0.9985
29.2	0.9991	0.9906	0.9970	0.9970	0.9985	0.9989	0.9986	0.9984
29.3	0.9989	0.9856	0.9958	0.9952	0.9975	0.9985	0.9979	0.9978
29.4	0.9988	0.9863	0.9950	0.9959	0.9974	0.9984	0.9978	0.9976
29.5	0.9985	0.9851	0.9954	0.9949	0.9973	0.9985	0.9977	0.9976
29.6	0.9993	0.9912	0.9961	0.9967	0.9985	0.9993	0.9988	0.9987
29.7	0.9993	0.9900	0.9964	0.9971	0.9983	0.9992	0.9987	0.9987
29.8	0.9987	0.9842	0.9942	0.9963	0.9974	0.9988	0.9981	0.9981
29.9	0.9980	0.9862	0.9941	0.9949	0.9979	0.9989	0.9983	0.9984
30.0	0.9984	0.9843	0.9945	0.9953	0.9979	0.9989	0.9983	0.9982
30.1	0.9991	0.9854	0.9963	0.9961	0.9981	0.9989	0.9985	0.9983
30.2	0.9988	0.9853	0.9971	0.9959	0.9985	0.9987	0.9985	0.9981
30.3	0.9991	0.9893	0.9970	0.9947	0.9986	0.9989	0.9987	0.9983
30.4	0.9991	0.9898	0.9967	0.9934	0.9985	0.9988	0.9985	0.9981
30.5	0.9989	0.9871	0.9958	0.9936	0.9982	0.9988	0.9982	0.9984
30.6	0.9990	0.9909	0.9976	0.9955	0.9989	0.9992	0.9988	0.9990
30.7	0.9990	0.9907	0.9974	0.9943	0.9989	0.9990	0.9990	0.9988
30.8	0.9985	0.9883	0.9966	0.9886	0.9983	0.9984	0.9983	0.9984
30.9	0.9987	0.9854	0.9966	0.9904	0.9980	0.9982	0.9980	0.9976
31.0	0.9982	0.9807	0.9953	0.9877	0.9977	0.9978	0.9976	0.9971
31.1	0.9985	0.9821	0.9962	0.9910	0.9982	0.9985	0.9982	0.9977
31.2	0.9984	0.9819	0.9960	0.9928	0.9984	0.9983	0.9980	0.9980
31.3	0.9987	0.9800	0.9953	0.9893	0.9981	0.9982	0.9979	0.9976
31.4	0.9987	0.9737	0.9957	0.9862	0.9979	0.9983	0.9983	0.9970
31.5	0.9984	0.9655	0.9951	0.9862	0.9980	0.9982	0.9980	0.9973
31.6	0.9987	0.9781	0.9968	0.9852	0.9984	0.9984	0.9984	0.9981
31.7	0.9984	0.9685	0.9964	0.9830	0.9979	0.9980	0.9982	0.9970
31.8	0.9981	0.9627	0.9958	0.9820	0.9979	0.9980	0.9980	0.9972
31.9	0.9987	0.9691	0.9966	0.9798	0.9986	0.9982	0.9982	0.9977
32.0	0.9990	0.9739	0.9968	0.9838	0.9988	0.9986	0.9988	0.9973
32.1	0.9988	0.9753	0.9960	0.9813	0.9983	0.9987	0.9988	0.9966
32.2	0.9990	0.9802	0.9972	0.9816	0.9987	0.9987	0.9989	0.9977
32.3	0.9990	0.9823	0.9978	0.9797	0.9988	0.9986	0.9989	0.9979
32.4	0.9986	0.9788	0.9970	0.9833	0.9986	0.9984	0.9989	0.9973
32.5	0.9985	0.9737	0.9969	0.9856	0.9985	0.9983	0.9986	0.9973
32.6	0.9988	0.9801	0.9971	0.9833	0.9984	0.9983	0.9981	0.9978
32.7	0.9988	0.9854	0.9974	0.9898	0.9987	0.9986	0.9986	0.9983
32.8	0.9984	0.9830	0.9967	0.9891	0.9979	0.9979	0.9979	0.9975
32.9	0.9985	0.9863	0.9973	0.9877	0.9982	0.9981	0.9982	0.9978
33.0	0.9986	0.9879	0.9981	0.9910	0.9988	0.9985	0.9981	0.9983
33.1	0.9985	0.9886	0.9975	0.9915	0.9990	0.9985	0.9985	0.9983
33.2	0.9986	0.9868	0.9967	0.9932	0.9989	0.9985	0.9981	0.9984
33.3	0.9989	0.9918	0.9968	0.9931	0.9990	0.9988	0.9988	0.9987
33.4	0.9990	0.9915	0.9968	0.9921	0.9988	0.9987	0.9984	0.9983
33.5	0.9987	0.9915	0.9965	0.9944	0.9989	0.9986	0.9987	0.9982
33.6	0.9984	0.9916	0.9952	0.9923	0.9984	0.9981	0.9978	0.9982
33.7	0.9987	0.9927	0.9968	0.9942	0.9988	0.9987	0.9986	0.9986

33.8	0.9988	0.9919	0.9964	0.9915	0.9990	0.9988	0.9987	0.9987
33.9	0.9984	0.9927	0.9964	0.9904	0.9989	0.9986	0.9983	0.9985
34.0	0.9989	0.9952	0.9981	0.9940	0.9991	0.9990	0.9989	0.9990
34.1	0.9990	0.9948	0.9973	0.9922	0.9990	0.9988	0.9989	0.9990
34.2	0.9987	0.9923	0.9970	0.9892	0.9987	0.9985	0.9985	0.9984
34.3	0.9986	0.9917	0.9969	0.9891	0.9986	0.9984	0.9982	0.9984
34.4	0.9985	0.9920	0.9972	0.9883	0.9984	0.9980	0.9982	0.9983
34.5	0.9981	0.9896	0.9969	0.9903	0.9976	0.9971	0.9975	0.9972
34.6	0.9982	0.9927	0.9968	0.9928	0.9981	0.9979	0.9981	0.9977
34.7	0.9986	0.9925	0.9977	0.9937	0.9985	0.9980	0.9982	0.9981
34.8	0.9979	0.9906	0.9970	0.9907	0.9981	0.9975	0.9976	0.9976
34.9	0.9979	0.9923	0.9974	0.9903	0.9982	0.9978	0.9979	0.9981
35.0	0.9984	0.9931	0.9975	0.9910	0.9983	0.9981	0.9981	0.9980
35.1	0.9986	0.9930	0.9972	0.9920	0.9984	0.9980	0.9981	0.9982
35.2	0.9976	0.9904	0.9956	0.9885	0.9973	0.9967	0.9972	0.9968
35.3	0.9981	0.9938	0.9966	0.9916	0.9982	0.9979	0.9982	0.9976
35.4	0.9975	0.9954	0.9972	0.9939	0.9977	0.9973	0.9974	0.9975
35.5	0.9982	0.9950	0.9967	0.9935	0.9983	0.9980	0.9980	0.9980
35.6	0.9980	0.9935	0.9965	0.9944	0.9979	0.9975	0.9975	0.9973
35.7	0.9982	0.9947	0.9969	0.9932	0.9978	0.9973	0.9976	0.9972
35.8	0.9980	0.9944	0.9968	0.9946	0.9981	0.9974	0.9976	0.9976
35.9	0.9976	0.9933	0.9968	0.9948	0.9975	0.9967	0.9969	0.9968
36.0	0.9967	0.9922	0.9968	0.9950	0.9970	0.9968	0.9969	0.9965
36.1	0.9974	0.9945	0.9976	0.9969	0.9975	0.9970	0.9971	0.9973
36.2	0.9974	0.9958	0.9975	0.9948	0.9975	0.9971	0.9968	0.9971
36.3	0.9973	0.9957	0.9973	0.9930	0.9972	0.9969	0.9968	0.9966
36.4	0.9976	0.9959	0.9971	0.9947	0.9978	0.9974	0.9976	0.9973
36.5	0.9969	0.9958	0.9974	0.9955	0.9970	0.9966	0.9970	0.9964
36.6	0.9974	0.9951	0.9967	0.9954	0.9971	0.9964	0.9966	0.9959
36.7	0.9980	0.9952	0.9965	0.9949	0.9977	0.9969	0.9970	0.9965
36.8	0.9976	0.9955	0.9970	0.9948	0.9976	0.9972	0.9975	0.9964
36.9	0.9970	0.9929	0.9966	0.9946	0.9971	0.9965	0.9972	0.9957
37.0	0.9977	0.9943	0.9968	0.9951	0.9977	0.9973	0.9966	0.9968
37.1	0.9981	0.9963	0.9973	0.9962	0.9979	0.9977	0.9975	0.9975
37.2	0.9975	0.9949	0.9962	0.9958	0.9966	0.9962	0.9965	0.9952
37.3	0.9963	0.9943	0.9967	0.9942	0.9958	0.9954	0.9955	0.9944
37.4	0.9959	0.9958	0.9970	0.9945	0.9959	0.9955	0.9957	0.9942
37.5	0.9954	0.9948	0.9960	0.9926	0.9954	0.9952	0.9941	0.9940
37.6	0.9946	0.9937	0.9960	0.9920	0.9939	0.9933	0.9931	0.9919
37.7	0.9955	0.9934	0.9961	0.9929	0.9945	0.9941	0.9924	0.9935
37.8	0.9927	0.9916	0.9918	0.9901	0.9930	0.9927	0.9924	0.9903
37.9	0.9936	0.9934	0.9928	0.9919	0.9948	0.9946	0.9951	0.9927
38.0	0.9918	0.9946	0.9923	0.9892	0.9935	0.9932	0.9933	0.9891
38.1	0.9932	0.9959	0.9950	0.9901	0.9955	0.9953	0.9926	0.9944
38.2	0.9942	0.9949	0.9933	0.9877	0.9953	0.9951	0.9916	0.9943
38.3	0.9937	0.9946	0.9930	0.9863	0.9956	0.9947	0.9926	0.9928
38.4	0.9940	0.9953	0.9944	0.9884	0.9960	0.9956	0.9920	0.9944
38.5	0.9941	0.9963	0.9943	0.9910	0.9957	0.9956	0.9917	0.9952
38.6	0.9945	0.9967	0.9963	0.9931	0.9967	0.9963	0.9942	0.9959
38.7	0.9937	0.9956	0.9953	0.9914	0.9965	0.9962	0.9937	0.9961
38.8	0.9918	0.9951	0.9950	0.9908	0.9954	0.9948	0.9919	0.9948
38.9	0.9909	0.9956	0.9952	0.9928	0.9949	0.9946	0.9919	0.9945
39.0	0.9902	0.9960	0.9946	0.9926	0.9941	0.9942	0.9910	0.9944
39.1	0.9901	0.9954	0.9927	0.9916	0.9939	0.9941	0.9918	0.9941
39.2	0.9854	0.9944	0.9905	0.9890	0.9931	0.9929	0.9901	0.9937
39.3	0.9828	0.9933	0.9902	0.9886	0.9912	0.9907	0.9867	0.9925
39.4	0.9856	0.9957	0.9912	0.9925	0.9930	0.9927	0.9903	0.9929
39.5	0.9788	0.9949	0.9899	0.9923	0.9914	0.9915	0.9886	0.9918
39.6	0.9753	0.9957	0.9932	0.9936	0.9930	0.9930	0.9914	0.9934
39.7	0.9737	0.9969	0.9911	0.9929	0.9948	0.9949	0.9936	0.9938
39.8	0.9725	0.9957	0.9878	0.9892	0.9942	0.9941	0.9926	0.9936
39.9	0.9597	0.9941	0.9890	0.9880	0.9922	0.9924	0.9900	0.9922
40.0	0.9453	0.9947	0.9893	0.9873	0.9925	0.9929	0.9911	0.9919
40.1	0.9239	0.9947	0.9883	0.9874	0.9911	0.9916	0.9905	0.9897
40.2	0.9088	0.9946	0.9873	0.9875	0.9918	0.9922	0.9909	0.9909
40.3	0.8816	0.9929	0.9889	0.9870	0.9916	0.9911	0.9901	0.9895
40.4	0.7828	0.9878	0.9833	0.9812	0.9878	0.9861	0.9867	0.9836
40.5	0.7740	0.9910	0.9858	0.9816	0.9912	0.9908	0.9887	0.9880
40.6	0.6489	0.9931	0.9857	0.9839	0.9897	0.9900	0.9867	0.9886
40.7	0.5562	0.9959	0.9872	0.9882	0.9937	0.9930	0.9918	0.9923
40.8	0.2189	0.9944	0.9863	0.9888	0.9929	0.9928	0.9926	0.9905
40.9	0.0262	0.9936	0.9868	0.9859	0.9900	0.9902	0.9885	0.9876
41.0	0.1542	0.9944	0.9884	0.9857	0.9909	0.9912	0.9903	0.9881
41.1	0.2398	0.9922	0.9834	0.9856	0.9906	0.9902	0.9899	0.9888
41.2	0.5613	0.9912	0.9870	0.9853	0.9893	0.9884	0.9873	0.9876
41.3	0.7787	0.9918	0.9887	0.9854	0.9910	0.9904	0.9883	0.9870
41.4	0.7737	0.9930	0.9880	0.9832	0.9917	0.9917	0.9877	0.9911
41.5	0.7809	0.9927	0.9874	0.9880	0.9903	0.9921	0.9867	0.9921
41.6	0.8623	0.9927	0.9900	0.9867	0.9894	0.9916	0.9847	0.9907
41.7	0.8722	0.9934	0.9858	0.9892	0.9908	0.9923	0.9883	0.9925
41.8	0.8598	0.9908	0.9859	0.9824	0.9883	0.9893	0.9857	0.9878
41.9	0.8812	0.9915	0.9841	0.9787	0.9895	0.9892	0.9843	0.9896
42.0	0.9277	0.9923	0.9882	0.9851	0.9923	0.9923	0.9880	0.9925
42.1	0.9172	0.9926	0.9891	0.9885	0.9906	0.9913	0.9875	0.9911
42.2	0.8901	0.9918	0.9852	0.9855	0.9895	0.9911	0.9846	0.9918
42.3	0.8883	0.9919	0.9800	0.9835	0.9889	0.9897	0.9826	0.9908

42.4	0.9247	0.9912	0.9839	0.9836	0.9894	0.9896	0.9841	0.9873
42.5	0.9211	0.9902	0.9875	0.9851	0.9880	0.9894	0.9806	0.9889
42.6	0.9236	0.9911	0.9883	0.9859	0.9905	0.9911	0.9854	0.9912
42.7	0.9282	0.9905	0.9821	0.9832	0.9874	0.9855	0.9714	0.9897
42.8	0.9131	0.9840	0.9727	0.9838	0.9807	0.9781	0.9581	0.9852
42.9	0.9368	0.9902	0.9905	0.9875	0.9891	0.9901	0.9820	0.9899
43.0	0.9504	0.9929	0.9890	0.9863	0.9890	0.9899	0.9846	0.9889
43.1	0.9244	0.9875	0.9845	0.9843	0.9865	0.9863	0.9756	0.9899
43.2	0.9170	0.9871	0.9854	0.9805	0.9884	0.9886	0.9785	0.9897
43.3	0.9326	0.9868	0.9875	0.9822	0.9841	0.9874	0.9749	0.9883
43.4	0.9458	0.9904	0.9880	0.9848	0.9877	0.9901	0.9798	0.9902
43.5	0.9492	0.9900	0.9843	0.9857	0.9863	0.9864	0.9762	0.9894
43.6	0.9301	0.9879	0.9809	0.9847	0.9853	0.9862	0.9801	0.9873
43.7	0.9285	0.9888	0.9806	0.9844	0.9884	0.9879	0.9815	0.9870
43.8	0.9423	0.9866	0.9798	0.9854	0.9884	0.9873	0.9796	0.9874
43.9	0.9456	0.9856	0.9824	0.9867	0.9904	0.9899	0.9853	0.9891
44.0	0.9316	0.9839	0.9717	0.9843	0.9883	0.9874	0.9849	0.9852
44.1	0.9334	0.9862	0.9760	0.9819	0.9874	0.9866	0.9838	0.9861
44.2	0.9253	0.9888	0.9797	0.9749	0.9903	0.9879	0.9868	0.9889
44.3	0.8999	0.9893	0.9800	0.9658	0.9892	0.9864	0.9865	0.9843
44.4	0.9021	0.9879	0.9833	0.9644	0.9886	0.9887	0.9865	0.9843
44.5	0.8756	0.9854	0.9800	0.9619	0.9881	0.9897	0.9838	0.9861
44.6	0.8578	0.9788	0.9678	0.9510	0.9854	0.9846	0.9739	0.9856
44.7	0.8465	0.9812	0.9682	0.9564	0.9865	0.9864	0.9794	0.9855
44.8	0.8696	0.9827	0.9697	0.9629	0.9866	0.9867	0.9827	0.9837
44.9	0.8429	0.9847	0.9537	0.9361	0.9826	0.9804	0.9783	0.9838
45.0	0.7978	0.9826	0.9628	0.9410	0.9857	0.9840	0.9849	0.9855
45.1	0.7373	0.9861	0.9582	0.9478	0.9884	0.9878	0.9878	0.9848
45.2	0.7186	0.9899	0.9645	0.9606	0.9909	0.9906	0.9883	0.9893
45.3	0.6661	0.9873	0.9526	0.9417	0.9890	0.9898	0.9853	0.9908
45.4	0.5870	0.9816	0.9296	0.9242	0.9852	0.9810	0.9792	0.9818
45.5	0.4480	0.9751	0.9300	0.8732	0.9724	0.9631	0.9621	0.9708
45.6	0.3052	0.9726	0.9496	0.8668	0.9715	0.9694	0.9680	0.9716
45.7	0.3352	0.9775	0.9555	0.8746	0.9826	0.9808	0.9788	0.9824
45.8	0.3056	0.9746	0.9560	0.8307	0.9868	0.9844	0.9812	0.9872
45.9	0.3013	0.9829	0.9709	0.7506	0.9912	0.9877	0.9864	0.9880
46.0	0.1465	0.9856	0.9549	0.6597	0.9889	0.9866	0.9876	0.9838
46.1	0.0838	0.9856	0.9450	0.5691	0.9919	0.9913	0.9882	0.9869
46.2	0.0813	0.9770	0.9124	0.3340	0.9870	0.9880	0.9822	0.9798
46.3	0.0794	0.9836	0.9311	0.2319	0.9908	0.9889	0.9823	0.9827
46.4	0.0339	0.9818	0.9373	0.0603	0.9909	0.9885	0.9819	0.9807
46.5	0.0169	0.9794	0.9390	0.3071	0.9925	0.9902	0.9847	0.9815
46.6	0.2939	0.9822	0.9462	0.4505	0.9884	0.9879	0.9759	0.9757
46.7	0.3176	0.9805	0.9286	0.5158	0.9826	0.9776	0.9624	0.9589
46.8	0.4938	0.9844	0.9618	0.5084	0.9902	0.9877	0.9718	0.9658
46.9	0.6266	0.9874	0.9680	0.2108	0.9917	0.9905	0.9736	0.9726
47.0	0.6499	0.9854	0.9504	0.4057	0.9855	0.9818	0.9638	0.9560
47.1	0.7275	0.9833	0.9382	0.7646	0.9837	0.9770	0.9674	0.9523
47.2	0.8284	0.9875	0.9502	0.7046	0.9868	0.9832	0.9777	0.9696
47.3	0.8279	0.9834	0.9268	0.5659	0.9833	0.9812	0.9680	0.9634
47.4	0.8560	0.9822	0.9330	0.3714	0.9802	0.9784	0.9642	0.9585
47.5	0.8402	0.9831	0.9226	0.2649	0.9773	0.9691	0.9527	0.9479
47.6	0.8590	0.9841	0.8519	0.3338	0.9715	0.9666	0.9386	0.9335
47.7	0.9040	0.9849	0.7809	0.4822	0.9669	0.9616	0.9301	0.9191
47.8	0.9212	0.9870	0.7972	0.4615	0.9711	0.9659	0.9362	0.9275
47.9	0.9357	0.9860	0.9068	0.6649	0.9795	0.9782	0.9664	0.9574
48.0	0.9361	0.9841	0.9136	0.7526	0.9841	0.9813	0.9803	0.9818
48.1	0.9377	0.9867	0.9247	0.7733	0.9853	0.9823	0.9837	0.9808
48.2	0.9254	0.9832	0.9101	0.7231	0.9821	0.9792	0.9803	0.9764
48.3	0.9169	0.9828	0.8761	0.7563	0.9757	0.9737	0.9649	0.9716
48.4	0.9486	0.9863	0.8889	0.7845	0.9825	0.9826	0.9708	0.9778
48.5	0.9344	0.9825	0.8730	0.6053	0.9810	0.9815	0.9628	0.9676
48.6	0.9240	0.9805	0.8846	0.5196	0.9798	0.9775	0.9625	0.9666
48.7	0.9287	0.9831	0.9060	0.6169	0.9811	0.9762	0.9640	0.9697
48.8	0.9369	0.9824	0.8762	0.7472	0.9798	0.9768	0.9688	0.9691
48.9	0.9394	0.9737	0.8199	0.7316	0.9783	0.9746	0.9672	0.9713
49.0	0.9490	0.9732	0.8465	0.6672	0.9789	0.9752	0.9608	0.9749
49.1	0.9464	0.9724	0.8621	0.5009	0.9807	0.9808	0.9611	0.9683
49.2	0.9538	0.9646	0.8470	0.3832	0.9791	0.9800	0.9626	0.9660
49.3	0.9640	0.9683	0.8129	0.5184	0.9822	0.9818	0.9719	0.9719
49.4	0.9619	0.9697	0.7986	0.5779	0.9789	0.9797	0.9689	0.9690
49.5	0.9473	0.9719	0.7393	0.5338	0.9741	0.9729	0.9558	0.9582
49.6	0.8843	0.9246	0.2518	0.0792	0.9406	0.9463	0.8502	0.8345
49.7	0.8441	0.8443	0.0244	0.0206	0.9120	0.9234	0.8069	0.7489
49.8	0.8930	0.9260	0.1395	0.0748	0.9420	0.9498	0.8783	0.8478
49.9	0.9379	0.9608	0.5049	0.3319	0.9694	0.9721	0.9529	0.9480
50.0	0.9248	0.9395	0.4550	0.2472	0.9640	0.9645	0.9451	0.9362
50.1	0.9352	0.9478	0.5533	0.4250	0.9616	0.9581	0.9473	0.9438
50.2	0.9605	0.9814	0.8236	0.7743	0.9767	0.9749	0.9703	0.9733
50.3	0.9617	0.9799	0.8549	0.8183	0.9793	0.9785	0.9761	0.9785
50.4	0.9622	0.9688	0.7785	0.7976	0.9782	0.9761	0.9730	0.9772
50.5	0.9690	0.9671	0.8658	0.8718	0.9827	0.9805	0.9790	0.9813
50.6	0.9584	0.9633	0.8477	0.8656	0.9763	0.9739	0.9721	0.9751
50.7	0.9437	0.9566	0.8399	0.8692	0.9644	0.9622	0.9609	0.9648
50.8	0.9426	0.9586	0.7990	0.8282	0.9609	0.9601	0.9586	0.9597
50.9	0.9561	0.9649	0.8814	0.8502	0.9677	0.9658	0.9659	0.9649

51.0	0.9654	0.9673	0.9187	0.8894	0.9702	0.9682	0.9684	0.9695
51.1	0.9657	0.9664	0.9272	0.8926	0.9688	0.9667	0.9662	0.9688
51.2	0.9647	0.9662	0.9249	0.8991	0.9703	0.9682	0.9691	0.9707
51.3	0.9658	0.9638	0.8882	0.8589	0.9723	0.9706	0.9706	0.9709
51.4	0.9705	0.9610	0.8912	0.8183	0.9753	0.9727	0.9728	0.9734
51.5	0.9729	0.9601	0.9328	0.8921	0.9736	0.9716	0.9707	0.9729
51.6	0.9565	0.9441	0.8824	0.8830	0.9568	0.9542	0.9536	0.9564
51.7	0.9656	0.9552	0.9092	0.8803	0.9642	0.9611	0.9618	0.9641
51.8	0.9727	0.9580	0.9424	0.8994	0.9692	0.9678	0.9663	0.9706
51.9	0.9777	0.9667	0.9570	0.9153	0.9752	0.9736	0.9729	0.9763
52.0	0.9812	0.9749	0.9590	0.9409	0.9801	0.9785	0.9789	0.9804
52.1	0.9774	0.9685	0.9525	0.9352	0.9759	0.9743	0.9755	0.9755
52.2	0.9720	0.9558	0.9401	0.9006	0.9683	0.9677	0.9684	0.9673
52.3	0.9685	0.9454	0.9554	0.8819	0.9629	0.9614	0.9633	0.9621
52.4	0.9555	0.9191	0.9391	0.8420	0.9495	0.9452	0.9464	0.9496
52.5	0.9645	0.9375	0.9547	0.8269	0.9614	0.9586	0.9597	0.9601
52.6	0.9665	0.9410	0.9609	0.8367	0.9632	0.9604	0.9623	0.9626
52.7	0.9651	0.9369	0.9608	0.7996	0.9604	0.9580	0.9594	0.9610
52.8	0.9711	0.9446	0.9612	0.7353	0.9655	0.9640	0.9653	0.9658
52.9	0.9745	0.9545	0.9732	0.7858	0.9701	0.9685	0.9701	0.9707
53.0	0.9726	0.9512	0.9735	0.7699	0.9681	0.9667	0.9686	0.9686
53.1	0.9704	0.9413	0.9728	0.7522	0.9652	0.9635	0.9656	0.9649
53.2	0.9668	0.9292	0.9668	0.7423	0.9619	0.9600	0.9626	0.9613
53.3	0.9680	0.9310	0.9658	0.7787	0.9632	0.9612	0.9636	0.9617
53.4	0.9748	0.9366	0.9795	0.8225	0.9668	0.9645	0.9659	0.9655
53.5	0.9735	0.9370	0.9703	0.7655	0.9663	0.9646	0.9669	0.9653
53.6	0.9700	0.9312	0.9400	0.7513	0.9618	0.9606	0.9635	0.9601
53.7	0.9686	0.9244	0.9348	0.6909	0.9616	0.9602	0.9624	0.9607
53.8	0.9762	0.9327	0.9407	0.5663	0.9704	0.9686	0.9711	0.9691
53.9	0.9762	0.9289	0.9487	0.5027	0.9691	0.9680	0.9701	0.9673
54.0	0.9762	0.9289	0.9541	0.4531	0.9689	0.9693	0.9718	0.9681
54.1	0.9608	0.8853	0.9349	0.4127	0.9515	0.9519	0.9547	0.9523
54.2	0.9546	0.8666	0.9140	0.2702	0.9451	0.9451	0.9473	0.9457
54.3	0.9701	0.8925	0.9535	0.1184	0.9623	0.9616	0.9644	0.9617
54.4	0.9757	0.9129	0.9693	0.1608	0.9705	0.9704	0.9726	0.9710
54.5	0.9738	0.9075	0.9674	0.3460	0.9694	0.9699	0.9716	0.9693
54.6	0.9685	0.8823	0.9523	0.2168	0.9596	0.9604	0.9618	0.9592
54.7	0.9666	0.8757	0.9333	0.2353	0.9578	0.9576	0.9590	0.9562
54.8	0.9757	0.8896	0.9532	0.6211	0.9700	0.9702	0.9716	0.9687
54.9	0.9833	0.9010	0.9624	0.7994	0.9780	0.9788	0.9796	0.9769
55.0	0.9809	0.8929	0.9671	0.8194	0.9744	0.9754	0.9769	0.9734
55.1	0.9745	0.8645	0.9592	0.8493	0.9679	0.9684	0.9705	0.9659
55.2	0.9759	0.8192	0.9466	0.8902	0.9644	0.9633	0.9659	0.9622
55.3	0.9778	0.8290	0.9404	0.9075	0.9661	0.9651	0.9679	0.9644
55.4	0.9824	0.8516	0.9420	0.9176	0.9722	0.9711	0.9731	0.9711
55.5	0.9851	0.8801	0.9353	0.8706	0.9784	0.9780	0.9789	0.9787
55.6	0.9800	0.8259	0.9187	0.8864	0.9685	0.9688	0.9700	0.9682
55.7	0.9838	0.8350	0.9054	0.9411	0.9734	0.9726	0.9742	0.9723
55.8	0.9878	0.8266	0.8579	0.9480	0.9734	0.9712	0.9738	0.9720
55.9	0.9860	0.8233	0.8268	0.9221	0.9782	0.9764	0.9783	0.9756
56.0	0.9869	0.8452	0.8242	0.8971	0.9806	0.9797	0.9812	0.9791
56.1	0.9873	0.8377	0.8382	0.9056	0.9789	0.9774	0.9794	0.9781
56.2	0.9871	0.8349	0.7866	0.9363	0.9787	0.9776	0.9786	0.9774
56.3	0.9801	0.7987	0.7355	0.9336	0.9674	0.9662	0.9676	0.9657
56.4	0.9824	0.7576	0.6256	0.9213	0.9650	0.9643	0.9663	0.9638
56.5	0.9875	0.8449	0.6063	0.9312	0.9792	0.9779	0.9794	0.9781
56.6	0.9838	0.8230	0.6748	0.9322	0.9741	0.9716	0.9736	0.9732
56.7	0.9823	0.7278	0.7331	0.9137	0.9602	0.9572	0.9598	0.9589
56.8	0.9857	0.7211	0.7547	0.9047	0.9647	0.9623	0.9642	0.9634
56.9	0.9868	0.7754	0.7568	0.8755	0.9769	0.9757	0.9769	0.9763
57.0	0.9890	0.7373	0.8473	0.8851	0.9762	0.9755	0.9761	0.9757
57.1	0.9885	0.7348	0.8716	0.8157	0.9748	0.9735	0.9748	0.9731
57.2	0.9921	0.8707	0.9045	0.9018	0.9815	0.9800	0.9809	0.9796
57.3	0.9921	0.8581	0.8995	0.9407	0.9835	0.9824	0.9832	0.9818
57.4	0.9932	0.8137	0.9261	0.9384	0.9834	0.9829	0.9835	0.9826
57.5	0.9924	0.7824	0.9195	0.9270	0.9809	0.9799	0.9808	0.9803
57.6	0.9926	0.7832	0.9257	0.9306	0.9830	0.9823	0.9830	0.9824
57.7	0.9926	0.8024	0.9331	0.9309	0.9834	0.9831	0.9837	0.9831
57.8	0.9916	0.7324	0.9363	0.9151	0.9786	0.9780	0.9789	0.9782
57.9	0.9876	0.7786	0.9257	0.8982	0.9730	0.9731	0.9738	0.9727
58.0	0.9853	0.7509	0.9365	0.9054	0.9749	0.9741	0.9751	0.9737
58.1	0.9874	0.7670	0.9416	0.8854	0.9820	0.9818	0.9827	0.9819
58.2	0.9907	0.7927	0.9652	0.9218	0.9848	0.9852	0.9861	0.9849
58.3	0.9906	0.8710	0.9695	0.9393	0.9869	0.9875	0.9881	0.9861
58.4	0.9912	0.8549	0.9552	0.9395	0.9846	0.9848	0.9856	0.9839
58.5	0.9896	0.8144	0.9499	0.9208	0.9784	0.9786	0.9802	0.9774
58.6	0.9903	0.8467	0.9508	0.9041	0.9829	0.9837	0.9843	0.9821
58.7	0.9875	0.8408	0.9637	0.9113	0.9797	0.9805	0.9808	0.9781
58.8	0.9929	0.8679	0.9677	0.9437	0.9842	0.9850	0.9854	0.9830
58.9	0.9938	0.8699	0.9583	0.9486	0.9872	0.9880	0.9884	0.9857
59.0	0.9904	0.8325	0.9643	0.9510	0.9835	0.9842	0.9840	0.9830
59.1	0.9870	0.8103	0.9637	0.9225	0.9739	0.9743	0.9750	0.9734
59.2	0.9858	0.8106	0.9624	0.9231	0.9760	0.9773	0.9779	0.9759
59.3	0.9871	0.8394	0.9569	0.9335	0.9762	0.9771	0.9776	0.9762
59.4	0.9855	0.8638	0.9649	0.9617	0.9812	0.9820	0.9825	0.9817
59.5	0.9835	0.8674	0.9561	0.9600	0.9810	0.9808	0.9821	0.9807

59.6	0.9894	0.8886	0.9631	0.9644	0.9862	0.9859	0.9870	0.9857
59.7	0.9854	0.8075	0.9452	0.9629	0.9802	0.9813	0.9816	0.9794
59.8	0.9822	0.8120	0.9377	0.9691	0.9800	0.9801	0.9802	0.9785
59.9	0.3541	0.1327	0.2442	0.7691	0.9719	0.9720	0.9780	0.9670
60.0	0.1143	0.0281	0.0645	0.4007	0.9332	0.9314	0.9585	0.9038
60.1	0.3125	0.0368	0.2142	0.6819	0.9607	0.9613	0.9689	0.9462
60.2	0.9808	0.7212	0.9250	0.9755	0.9762	0.9767	0.9761	0.9757
60.3	0.9882	0.7552	0.9436	0.9809	0.9827	0.9833	0.9841	0.9829
60.4	0.9890	0.7193	0.9260	0.9737	0.9790	0.9797	0.9801	0.9799
60.5	0.9877	0.6767	0.9168	0.9770	0.9753	0.9765	0.9757	0.9773
60.6	0.9877	0.6410	0.9441	0.9858	0.9760	0.9777	0.9780	0.9771
60.7	0.9857	0.6139	0.9322	0.9856	0.9785	0.9802	0.9798	0.9788
60.8	0.9878	0.6355	0.9120	0.9790	0.9791	0.9815	0.9815	0.9800
60.9	0.9887	0.5339	0.9113	0.9768	0.9778	0.9798	0.9800	0.9780
61.0	0.9870	0.5035	0.9010	0.9768	0.9710	0.9748	0.9742	0.9720
61.1	0.9859	0.3683	0.8999	0.9810	0.9711	0.9745	0.9753	0.9721
61.2	0.9909	0.2885	0.9058	0.9867	0.9811	0.9831	0.9835	0.9805
61.3	0.9873	0.0809	0.8878	0.9822	0.9814	0.9830	0.9836	0.9810
61.4	0.9858	0.0444	0.8319	0.9842	0.9768	0.9790	0.9784	0.9777
61.5	0.9897	0.0560	0.8251	0.9876	0.9752	0.9770	0.9772	0.9732
61.6	0.9892	0.0298	0.8671	0.9851	0.9754	0.9774	0.9794	0.9756
61.7	0.9897	0.0469	0.8278	0.9842	0.9790	0.9799	0.9824	0.9776
61.8	0.9887	0.1283	0.8202	0.9822	0.9779	0.9789	0.9812	0.9766
61.9	0.9837	0.2570	0.8009	0.9856	0.9757	0.9767	0.9784	0.9729
62.0	0.9837	0.1359	0.7124	0.9857	0.9735	0.9757	0.9776	0.9686
62.1	0.9868	0.2647	0.7428	0.9825	0.9785	0.9800	0.9826	0.9756
62.2	0.9811	0.3341	0.7337	0.9762	0.9785	0.9804	0.9845	0.9765
62.3	0.9758	0.4052	0.6920	0.9762	0.9778	0.9806	0.9846	0.9752
62.4	0.9762	0.4195	0.6560	0.9737	0.9746	0.9778	0.9825	0.9691
62.5	0.9874	0.4041	0.6490	0.9776	0.9839	0.9844	0.9865	0.9799
62.6	0.9802	0.4839	0.7095	0.9818	0.9843	0.9848	0.9869	0.9818
62.7	0.9828	0.4995	0.7284	0.9828	0.9819	0.9824	0.9863	0.9793
62.8	0.9864	0.4862	0.7690	0.9842	0.9845	0.9847	0.9873	0.9797
62.9	0.9861	0.3294	0.7287	0.9792	0.9852	0.9848	0.9863	0.9790
63.0	0.9905	0.3865	0.8485	0.9816	0.9889	0.9892	0.9903	0.9856
63.1	0.9891	0.5611	0.8656	0.9818	0.9906	0.9910	0.9921	0.9889
63.2	0.9908	0.4941	0.8954	0.9847	0.9911	0.9917	0.9924	0.9903
63.3	0.9875	0.2555	0.8833	0.9766	0.9894	0.9909	0.9914	0.9885
63.4	0.9897	0.2910	0.9087	0.9760	0.9890	0.9899	0.9908	0.9884
63.5	0.9916	0.2798	0.9219	0.9828	0.9879	0.9895	0.9904	0.9883
63.6	0.9898	0.2060	0.9147	0.9829	0.9883	0.9905	0.9908	0.9883
63.7	0.9890	0.2285	0.9131	0.9818	0.9854	0.9882	0.9882	0.9867
63.8	0.9885	0.1638	0.9444	0.9805	0.9818	0.9859	0.9855	0.9831
63.9	0.9857	0.0671	0.9287	0.9698	0.9814	0.9850	0.9854	0.9822
64.0	0.9899	0.0602	0.9477	0.9785	0.9846	0.9850	0.9863	0.9832
64.1	0.9907	0.0241	0.9510	0.9807	0.9843	0.9853	0.9862	0.9838
64.2	0.9901	0.1104	0.9612	0.9825	0.9881	0.9905	0.9899	0.9888
64.3	0.9895	0.1062	0.9590	0.9741	0.9875	0.9892	0.9893	0.9869
64.4	0.9917	0.0990	0.9654	0.9785	0.9862	0.9891	0.9892	0.9864
64.5	0.9897	0.2512	0.9640	0.9792	0.9855	0.9878	0.9875	0.9855
64.6	0.9881	0.4011	0.9662	0.9770	0.9829	0.9853	0.9855	0.9830
64.7	0.9898	0.4874	0.9685	0.9849	0.9860	0.9884	0.9884	0.9851
64.8	0.9933	0.5256	0.9693	0.9883	0.9900	0.9917	0.9921	0.9896
64.9	0.9919	0.5174	0.9654	0.9823	0.9883	0.9914	0.9920	0.9887
65.0	0.9926	0.5750	0.9648	0.9787	0.9858	0.9886	0.9892	0.9833
65.1	0.9915	0.5212	0.9603	0.9795	0.9855	0.9885	0.9878	0.9853
65.2	0.9900	0.4443	0.9520	0.9744	0.9768	0.9826	0.9822	0.9794
65.3	0.9918	0.6160	0.9503	0.9742	0.9793	0.9837	0.9835	0.9790
65.4	0.9932	0.7417	0.9726	0.9826	0.9827	0.9853	0.9852	0.9824
65.5	0.9908	0.7285	0.9721	0.9802	0.9762	0.9813	0.9816	0.9764
65.6	0.9919	0.7490	0.9727	0.9784	0.9783	0.9835	0.9839	0.9778
65.7	0.9925	0.7419	0.9707	0.9798	0.9841	0.9874	0.9877	0.9824
65.8	0.9925	0.7890	0.9708	0.9807	0.9845	0.9878	0.9885	0.9830
65.9	0.9938	0.8013	0.9681	0.9840	0.9818	0.9870	0.9874	0.9830
66.0	0.9938	0.8132	0.9686	0.9822	0.9780	0.9865	0.9859	0.9801
66.1	0.9908	0.8061	0.9684	0.9795	0.9762	0.9840	0.9837	0.9777
66.2	0.9891	0.7535	0.9631	0.9742	0.9729	0.9799	0.9811	0.9774
66.3	0.9891	0.7567	0.9566	0.9662	0.9635	0.9736	0.9768	0.9692
66.4	0.9904	0.8042	0.9706	0.9732	0.9705	0.9780	0.9793	0.9744
66.5	0.9887	0.7539	0.9628	0.9738	0.9649	0.9740	0.9761	0.9686
66.6	0.9917	0.8044	0.9677	0.9767	0.9731	0.9806	0.9821	0.9728
66.7	0.9911	0.8104	0.9709	0.9813	0.9713	0.9800	0.9824	0.9727
66.8	0.9883	0.7590	0.9699	0.9728	0.9601	0.9711	0.9745	0.9636
66.9	0.9896	0.8213	0.9640	0.9700	0.9607	0.9695	0.9728	0.9605
67.0	0.9927	0.8631	0.9731	0.9825	0.9710	0.9772	0.9808	0.9700
67.1	0.9918	0.9035	0.9742	0.9820	0.9816	0.9832	0.9872	0.9781
67.2	0.9906	0.8789	0.9615	0.9673	0.9674	0.9763	0.9801	0.9667
67.3	0.9895	0.8415	0.9652	0.9678	0.9575	0.9700	0.9763	0.9561
67.4	0.9871	0.8652	0.9740	0.9711	0.9612	0.9715	0.9777	0.9608
67.5	0.9890	0.8939	0.9754	0.9692	0.9748	0.9804	0.9837	0.9736
67.6	0.9902	0.8825	0.9714	0.9720	0.9700	0.9757	0.9803	0.9682
67.7	0.9892	0.9065	0.9783	0.9710	0.9632	0.9705	0.9757	0.9529
67.8	0.9870	0.8893	0.9744	0.9597	0.9630	0.9705	0.9780	0.9460
67.9	0.9832	0.8802	0.9581	0.9441	0.9584	0.9659	0.9746	0.9369
68.0	0.9859	0.9183	0.9644	0.9588	0.9689	0.9770	0.9818	0.9578
68.1	0.9861	0.9187	0.9666	0.9624	0.9678	0.9743	0.9821	0.9512

68.2	0.9799	0.8867	0.9568	0.9458	0.9513	0.9597	0.9717	0.9215
68.3	0.9836	0.8648	0.9543	0.9348	0.9447	0.9561	0.9707	0.9134
68.4	0.9893	0.9303	0.9693	0.9447	0.9647	0.9723	0.9823	0.9425
68.5	0.9878	0.9265	0.9706	0.9492	0.9655	0.9736	0.9815	0.9379
68.6	0.9785	0.9137	0.9466	0.9478	0.9470	0.9552	0.9623	0.9118
68.7	0.9848	0.9337	0.9622	0.9458	0.9590	0.9648	0.9708	0.9353
68.8	0.9861	0.9358	0.9644	0.9361	0.9660	0.9703	0.9734	0.9418
68.9	0.9836	0.9359	0.9636	0.9334	0.9671	0.9713	0.9764	0.9224
69.0	0.9808	0.9257	0.9613	0.9261	0.9531	0.9588	0.9690	0.9036
69.1	0.9830	0.9206	0.9621	0.9233	0.9549	0.9600	0.9665	0.9183
69.2	0.9850	0.9299	0.9590	0.9273	0.9676	0.9717	0.9723	0.9326
69.3	0.9849	0.9323	0.9567	0.9194	0.9658	0.9723	0.9691	0.9374
69.4	0.9853	0.9408	0.9687	0.9098	0.9650	0.9690	0.9724	0.9185
69.5	0.9821	0.9413	0.9646	0.8987	0.9603	0.9677	0.9677	0.8959
69.6	0.9815	0.9395	0.9598	0.9139	0.9648	0.9697	0.9651	0.9129
69.7	0.9730	0.9348	0.9613	0.8798	0.9607	0.9599	0.9601	0.8857
69.8	0.9686	0.9237	0.9521	0.8302	0.9519	0.9532	0.9511	0.8637
69.9	0.9710	0.9287	0.9584	0.7878	0.9501	0.9516	0.9517	0.8476
70.0	0.9729	0.9401	0.9650	0.8138	0.9545	0.9580	0.9575	0.8726
70.1	0.9734	0.9498	0.9679	0.8507	0.9453	0.9552	0.9502	0.8826
70.2	0.9749	0.9464	0.9560	0.8365	0.9465	0.9575	0.9433	0.8992
70.3	0.9737	0.9436	0.9553	0.8672	0.9440	0.9561	0.9337	0.8856
70.4	0.9751	0.9557	0.9626	0.8728	0.9601	0.9650	0.9502	0.9152
70.5	0.9755	0.9618	0.9675	0.8798	0.9567	0.9637	0.9429	0.9310
70.6	0.9769	0.9456	0.9599	0.8467	0.9575	0.9595	0.9375	0.9165
70.7	0.9663	0.9448	0.9546	0.8575	0.9460	0.9476	0.9122	0.9054
70.8	0.9636	0.9507	0.9576	0.8686	0.9435	0.9501	0.9200	0.9124
70.9	0.9712	0.9620	0.9668	0.9110	0.9383	0.9495	0.9172	0.9202
71.0	0.9812	0.9606	0.9741	0.9129	0.9520	0.9628	0.9287	0.9340
71.1	0.9750	0.9526	0.9737	0.9071	0.9290	0.9475	0.8973	0.9300
71.2	0.9630	0.9499	0.9647	0.9445	0.9146	0.9325	0.8690	0.9265
71.3	0.9702	0.9572	0.9682	0.9423	0.9409	0.9512	0.9135	0.9320
71.4	0.9778	0.9565	0.9792	0.9549	0.9439	0.9584	0.9199	0.9459
71.5	0.9745	0.9517	0.9725	0.9598	0.9455	0.9562	0.8978	0.9458
71.6	0.9712	0.9383	0.9687	0.9429	0.9316	0.9439	0.8989	0.9305
71.7	0.9685	0.9573	0.9711	0.9387	0.9438	0.9499	0.8938	0.9445
71.8	0.9638	0.9426	0.9595	0.9406	0.9418	0.9477	0.8381	0.9413
71.9	0.9679	0.9419	0.9643	0.9522	0.9301	0.9355	0.8008	0.9423
72.0	0.9743	0.9430	0.9651	0.9644	0.9385	0.9483	0.7941	0.9504
72.1	0.9709	0.9341	0.9648	0.9558	0.9247	0.9416	0.7819	0.9370
72.2	0.9721	0.9383	0.9664	0.9550	0.9199	0.9389	0.7788	0.9343
72.3	0.9707	0.9451	0.9687	0.9613	0.9316	0.9358	0.7195	0.9452
72.4	0.9614	0.9428	0.9616	0.9541	0.9329	0.9280	0.5352	0.9483
72.5	0.9612	0.9301	0.9583	0.9568	0.9165	0.9182	0.4644	0.9351
72.6	0.9731	0.9319	0.9667	0.9655	0.9219	0.9295	0.4851	0.9462
72.7	0.9735	0.9445	0.9697	0.9585	0.9338	0.9285	0.4860	0.9573
72.8	0.9702	0.9435	0.9669	0.9532	0.9300	0.9215	0.4972	0.9474
72.9	0.9707	0.9498	0.9675	0.9570	0.9427	0.9394	0.5492	0.9534
73.0	0.9711	0.9327	0.9605	0.9554	0.9374	0.9376	0.5869	0.9472
73.1	0.9649	0.9215	0.9491	0.9501	0.9141	0.9090	0.5559	0.9324
73.2	0.9690	0.9262	0.9616	0.9363	0.9165	0.9078	0.5982	0.9416
73.3	0.9739	0.9438	0.9717	0.9452	0.9434	0.9330	0.7169	0.9613
73.4	0.9629	0.9306	0.9684	0.9359	0.9262	0.9083	0.7029	0.9516
73.5	0.9605	0.9373	0.9709	0.9483	0.9323	0.9143	0.7725	0.9513
73.6	0.9669	0.9362	0.9735	0.9452	0.9433	0.9287	0.8008	0.9596
73.7	0.9601	0.9057	0.9556	0.9037	0.9105	0.9011	0.7504	0.9351
73.8	0.9561	0.8885	0.9469	0.8860	0.8972	0.9014	0.7650	0.9308
73.9	0.9546	0.9112	0.9608	0.8984	0.9194	0.9137	0.8189	0.9551
74.0	0.9360	0.9072	0.9449	0.9111	0.8992	0.8912	0.8493	0.9331
74.1	0.9462	0.9215	0.9494	0.9087	0.9147	0.9110	0.8657	0.9391
74.2	0.9517	0.9323	0.9591	0.8980	0.9270	0.9176	0.8903	0.9463
74.3	0.9490	0.9283	0.9630	0.8964	0.9243	0.9121	0.8979	0.9439
74.4	0.9528	0.9078	0.9592	0.9174	0.9164	0.9116	0.8957	0.9433
74.5	0.9554	0.9165	0.9654	0.9216	0.9242	0.9211	0.9059	0.9520
74.6	0.9424	0.9070	0.9608	0.9141	0.9138	0.9093	0.8878	0.9429
74.7	0.9499	0.9018	0.9520	0.9349	0.9114	0.9126	0.9078	0.9392
74.8	0.9279	0.8656	0.9368	0.9132	0.8877	0.8787	0.8922	0.9298
74.9	0.9316	0.8891	0.9511	0.9179	0.9036	0.8983	0.9105	0.9379
75.0	0.8836	0.8550	0.9351	0.9033	0.8629	0.8539	0.8842	0.9047
75.1	0.8720	0.8310	0.9281	0.9180	0.8340	0.8294	0.8638	0.8939
75.2	0.9235	0.8766	0.9426	0.9375	0.8855	0.8898	0.8988	0.9245
75.3	0.9320	0.8662	0.9420	0.9400	0.8831	0.9052	0.9086	0.9352
75.4	0.9049	0.8430	0.9263	0.9330	0.8581	0.8659	0.8817	0.9255
75.5	0.9310	0.8647	0.9319	0.9347	0.9037	0.8974	0.9047	0.9526
75.6	0.9441	0.8721	0.9575	0.9436	0.9084	0.9168	0.9233	0.9574
75.7	0.9405	0.8696	0.9370	0.9577	0.8763	0.9043	0.9195	0.9419
75.8	0.8931	0.8467	0.9101	0.9349	0.8327	0.8566	0.9003	0.9118
75.9	0.9035	0.8331	0.9028	0.9278	0.8291	0.8508	0.9023	0.9221
76.0	0.9193	0.8141	0.9214	0.9396	0.8358	0.8653	0.9128	0.9275
76.1	0.8940	0.7392	0.9044	0.9248	0.7888	0.8172	0.8994	0.9146
76.2	0.8945	0.6801	0.8893	0.9348	0.7637	0.7987	0.8860	0.9042
76.3	0.9076	0.7047	0.8875	0.9257	0.7511	0.7966	0.8888	0.9026
76.4	0.9330	0.7474	0.9086	0.9513	0.7887	0.8432	0.9331	0.9271
76.5	0.9319	0.7742	0.9382	0.9547	0.8419	0.8685	0.9398	0.9551
76.6	0.9239	0.7486	0.9194	0.9515	0.8260	0.8475	0.9383	0.9409
76.7	0.9048	0.6401	0.8977	0.9333	0.7290	0.8099	0.9224	0.9197

76.8	0.8846	0.5773	0.9096	0.9447	0.7139	0.7683	0.9272	0.9219
76.9	0.8708	0.5065	0.8786	0.9431	0.6243	0.6924	0.9090	0.9139
77.0	0.8953	0.5683	0.8807	0.9322	0.6141	0.7314	0.9267	0.9213
77.1	0.8472	0.3540	0.8514	0.9108	0.5466	0.6696	0.8901	0.8883
77.2	0.8570	0.2761	0.8337	0.9179	0.5537	0.7071	0.9099	0.8989
77.3	0.8418	0.2245	0.8322	0.9314	0.5290	0.6554	0.9037	0.9003
77.4	0.8638	0.1712	0.8128	0.9414	0.5127	0.6532	0.8985	0.8894
77.5	0.9019	0.2916	0.8287	0.9375	0.4856	0.6397	0.9149	0.9195
77.6	0.8708	0.2213	0.7931	0.9155	0.4269	0.6198	0.9118	0.9101
77.7	0.8013	0.1076	0.7692	0.8746	0.3600	0.5437	0.8976	0.8835
77.8	0.7520	0.0640	0.7521	0.8725	0.3579	0.3915	0.8845	0.8533
77.9	0.8239	0.1208	0.8126	0.9248	0.4187	0.4453	0.9303	0.8617
78.0	0.8580	0.1071	0.8417	0.9421	0.3986	0.4708	0.9317	0.8761
78.1	0.7859	0.0975	0.7752	0.9235	0.3630	0.2866	0.9200	0.8399
78.2	0.7499	0.1385	0.7504	0.9129	0.3973	0.2382	0.8932	0.8247
78.3	0.7689	0.1673	0.7932	0.9208	0.5359	0.2180	0.8985	0.8676
78.4	0.7260	0.1175	0.7477	0.8991	0.3767	0.0727	0.8710	0.8549
78.5	0.6836	0.2096	0.7317	0.8892	0.4503	0.0497	0.8919	0.8498
78.6	0.6683	0.2672	0.7181	0.8796	0.4624	0.2025	0.8919	0.8291
78.7	0.6968	0.4902	0.7567	0.9045	0.5882	0.2858	0.8997	0.8464
78.8	0.6869	0.4352	0.6178	0.8907	0.6083	0.3304	0.8979	0.8253
78.9	0.7028	0.5314	0.6774	0.8798	0.6626	0.4670	0.8997	0.8145
79.0	0.7493	0.5035	0.6836	0.9008	0.6879	0.4981	0.9018	0.8439
79.1	0.7768	0.6021	0.7186	0.9273	0.7720	0.5870	0.9144	0.8571
79.2	0.7206	0.5368	0.7603	0.8956	0.6817	0.5836	0.8952	0.8636
79.3	0.6918	0.4990	0.7067	0.9058	0.5428	0.3577	0.8848	0.8880
79.4	0.7083	0.3950	0.6789	0.9264	0.5564	0.2441	0.8872	0.8864
79.5	0.5978	0.1976	0.5325	0.8714	0.4329	0.1722	0.8328	0.7914
79.6	0.6192	0.3674	0.6253	0.8990	0.5445	0.2736	0.8699	0.8535
79.7	0.4917	0.3980	0.5902	0.8747	0.6237	0.2861	0.8700	0.8358
79.8	0.3615	0.4148	0.5631	0.8237	0.6546	0.3059	0.8694	0.8358
79.9	0.4236	0.4589	0.6023	0.8513	0.6286	0.1847	0.8900	0.8524
80.0	0.4089	0.6454	0.6427	0.8974	0.7728	0.4651	0.9229	0.9023

1.2.24 Run 6 – VT000-200 – SF and shaft bending gauges

Vertical shaking at 0° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.5672	0.6352	0.4870	0.7953	0.3958	0.6871	0.0625	0.5787
0.1	0.0292	0.1569	0.0181	0.7562	0.9162	0.3767	0.8422	0.0466
0.2	0.0140	0.3551	0.9338	0.9710	0.9999	0.9836	0.9999	0.1244
0.3	0.0097	0.2863	0.9606	0.9845	0.9999	0.9783	0.9999	0.3031
0.4	0.1753	0.0496	0.9481	0.9620	0.9998	0.8560	0.9997	0.4036
0.5	0.0808	0.1985	0.8402	0.8945	0.9982	0.7075	0.9986	0.1008
0.6	0.1030	0.3859	0.9386	0.9660	0.9992	0.9036	0.9993	0.0502
0.7	0.0926	0.0026	0.9187	0.9010	0.9999	0.6869	0.9998	0.1407
0.8	0.1716	0.1728	0.5721	0.5521	0.9985	0.2923	0.9997	0.1643
0.9	0.3994	0.5074	0.4608	0.8517	0.9985	0.7272	0.9997	0.4111
1.0	0.8370	0.9195	0.8521	0.9832	0.9987	0.9690	0.9993	0.8480
1.1	0.9009	0.9683	0.9718	0.9954	0.9985	0.9943	0.9991	0.9405
1.2	0.8683	0.9675	0.9756	0.9952	0.9990	0.9960	0.9994	0.9519
1.3	0.8470	0.9696	0.9788	0.9962	0.9998	0.9982	0.9999	0.9695
1.4	0.8979	0.9738	0.9819	0.9970	0.9999	0.9988	0.9999	0.9811
1.5	0.8468	0.9058	0.9781	0.9949	0.9999	0.9990	0.9999	0.9836
1.6	0.9009	0.8414	0.9835	0.9953	0.9999	0.9994	0.9999	0.9900
1.7	0.9123	0.9443	0.9833	0.9957	0.9997	0.9993	0.9998	0.9864
1.8	0.8954	0.9724	0.9783	0.9950	0.9994	0.9990	0.9996	0.9821
1.9	0.8468	0.9473	0.9477	0.9911	0.9951	0.9974	0.9969	0.9573
2.0	0.7611	0.8915	0.8772	0.9825	0.9931	0.9958	0.9956	0.9450
2.1	0.3658	0.5075	0.3925	0.8775	0.9967	0.9940	0.9978	0.9425
2.2	0.2228	0.1940	0.6602	0.7343	0.9985	0.9948	0.9990	0.9580
2.3	0.4150	0.0610	0.9236	0.9234	0.9995	0.9973	0.9997	0.9566
2.4	0.5491	0.6507	0.9890	0.9928	0.9993	0.9974	0.9995	0.9359
2.5	0.4468	0.8645	0.9920	0.9951	0.9987	0.9975	0.9991	0.9362
2.6	0.1119	0.8941	0.9857	0.9933	0.9990	0.9968	0.9993	0.9381
2.7	0.1561	0.9314	0.9871	0.9948	0.9996	0.9981	0.9998	0.9695
2.8	0.1538	0.9420	0.9882	0.9949	0.9998	0.9992	0.9999	0.9857
2.9	0.0543	0.9386	0.9851	0.9937	0.9999	0.9993	0.9999	0.9879
3.0	0.0715	0.9169	0.9821	0.9921	0.9998	0.9990	0.9999	0.9839
3.1	0.1848	0.8936	0.9809	0.9899	0.9995	0.9968	0.9996	0.9602
3.2	0.1898	0.8931	0.9672	0.9899	0.9990	0.9952	0.9993	0.9490
3.3	0.0664	0.8404	0.9549	0.9862	0.9985	0.9956	0.9991	0.9318
3.4	0.1216	0.7893	0.9388	0.9767	0.9968	0.9968	0.9979	0.9253
3.5	0.1225	0.6978	0.8910	0.9714	0.9967	0.9939	0.9978	0.9180
3.6	0.1329	0.6027	0.8760	0.9468	0.9873	0.9908	0.9924	0.9194
3.7	0.0002	0.7314	0.9218	0.9741	0.9917	0.9959	0.9946	0.9071
3.8	0.1560	0.9679	0.9923	0.9970	0.9996	0.9996	0.9998	0.9904
3.9	0.4883	0.9873	0.9970	0.9989	1.0000	0.9999	1.0000	0.9965
4.0	0.5404	0.9917	0.9974	0.9993	1.0000	0.9999	1.0000	0.9983
4.1	0.4800	0.9885	0.9969	0.9991	1.0000	0.9999	1.0000	0.9979
4.2	0.4327	0.9865	0.9973	0.9988	1.0000	0.9999	1.0000	0.9970
4.3	0.3020	0.9808	0.9966	0.9982	1.0000	0.9997	1.0000	0.9940
4.4	0.2833	0.9771	0.9939	0.9970	0.9999	0.9996	1.0000	0.9922
4.5	0.4894	0.9764	0.9924	0.9974	0.9999	0.9996	1.0000	0.9921
4.6	0.5235	0.9631	0.9896	0.9957	0.9999	0.9994	0.9999	0.9889
4.7	0.7256	0.9571	0.9861	0.9947	0.9999	0.9990	0.9999	0.9858
4.8	0.7821	0.9574	0.9700	0.9938	0.9999	0.9989	0.9999	0.9813
4.9	0.6672	0.9157	0.9449	0.9905	0.9998	0.9987	0.9999	0.9745
5.0	0.5167	0.8975	0.9684	0.9899	0.9997	0.9987	0.9998	0.9785
5.1	0.7153	0.9633	0.9860	0.9952	0.9999	0.9992	0.9999	0.9890
5.2	0.6979	0.9576	0.9822	0.9953	0.9999	0.9991	0.9999	0.9861
5.3	0.4229	0.9215	0.9686	0.9903	0.9998	0.9977	0.9998	0.9678
5.4	0.3078	0.8564	0.9382	0.9761	0.9995	0.9941	0.9996	0.9344
5.5	0.2458	0.6761	0.8731	0.9394	0.9983	0.9871	0.9989	0.8808
5.6	0.0436	0.0169	0.8282	0.8811	0.9971	0.9731	0.9982	0.7208
5.7	0.3470	0.6180	0.9451	0.9650	0.9996	0.9940	0.9997	0.8988
5.8	0.6327	0.9228	0.9723	0.9896	0.9998	0.9976	0.9999	0.9622
5.9	0.7869	0.9443	0.9763	0.9940	0.9999	0.9989	0.9999	0.9841
6.0	0.9009	0.9719	0.9846	0.9971	1.0000	0.9996	1.0000	0.9943
6.1	0.8983	0.9789	0.9891	0.9984	1.0000	0.9998	1.0000	0.9968
6.2	0.9095	0.9904	0.9948	0.9993	1.0000	0.9999	1.0000	0.9985
6.3	0.9400	0.9938	0.9973	0.9995	1.0000	0.9999	1.0000	0.9982
6.4	0.9022	0.9944	0.9972	0.9993	1.0000	0.9998	1.0000	0.9970
6.5	0.8915	0.9958	0.9981	0.9995	1.0000	0.9999	1.0000	0.9980
6.6	0.7479	0.9954	0.9978	0.9993	1.0000	0.9999	1.0000	0.9981
6.7	0.7810	0.9945	0.9974	0.9989	0.9999	0.9998	1.0000	0.9974
6.8	0.8038	0.9922	0.9938	0.9970	0.9998	0.9997	0.9999	0.9960
6.9	0.7336	0.9839	0.9856	0.9925	0.9989	0.9992	0.9995	0.9958
7.0	0.4085	0.9656	0.9524	0.9808	0.9950	0.9962	0.9977	0.9924
7.1	0.3959	0.8770	0.9106	0.9569	0.9883	0.9915	0.9943	0.9886
7.2	0.7815	0.9049	0.9394	0.9713	0.9953	0.9957	0.9975	0.9913
7.3	0.7937	0.9296	0.9028	0.9818	0.9969	0.9967	0.9983	0.9926
7.4	0.8934	0.9731	0.8703	0.9747	0.9981	0.9984	0.9989	0.9968
7.5	0.9047	0.9782	0.7002	0.9552	0.9984	0.9988	0.9991	0.9963
7.6	0.9532	0.9936	0.8585	0.9888	0.9998	0.9998	0.9999	0.9975
7.7	0.9567	0.9937	0.9348	0.9952	0.9999	0.9998	1.0000	0.9967
7.8	0.9572	0.9908	0.9664	0.9962	1.0000	0.9997	1.0000	0.9966
7.9	0.9585	0.9927	0.9806	0.9976	0.9999	0.9996	0.9999	0.9963

8.0	0.9375	0.9914	0.9777	0.9969	0.9998	0.9996	0.9999	0.9964
8.1	0.9531	0.9920	0.9751	0.9968	0.9999	0.9996	0.9999	0.9956
8.2	0.9561	0.9930	0.9867	0.9977	0.9998	0.9995	0.9999	0.9955
8.3	0.9540	0.9908	0.9876	0.9980	0.9999	0.9995	0.9999	0.9952
8.4	0.9392	0.9891	0.9883	0.9979	0.9998	0.9995	0.9999	0.9953
8.5	0.9548	0.9916	0.9881	0.9978	0.9998	0.9995	0.9999	0.9964
8.6	0.9380	0.9892	0.9842	0.9974	0.9996	0.9993	0.9997	0.9954
8.7	0.9309	0.9862	0.9844	0.9966	0.9992	0.9989	0.9995	0.9943
8.8	0.9609	0.9839	0.9824	0.9969	0.9989	0.9988	0.9993	0.9949
8.9	0.9499	0.9715	0.9778	0.9979	0.9985	0.9990	0.9990	0.9965
9.0	0.9424	0.9626	0.9786	0.9968	0.9980	0.9988	0.9987	0.9960
9.1	0.9701	0.9828	0.9745	0.9955	0.9972	0.9985	0.9982	0.9967
9.2	0.9751	0.9659	0.9529	0.9910	0.9906	0.9951	0.9938	0.9966
9.3	0.9685	0.9550	0.9150	0.9852	0.9795	0.9907	0.9866	0.9961
9.4	0.9758	0.9772	0.9374	0.9845	0.9749	0.9897	0.9846	0.9965
9.5	0.9858	0.9904	0.9659	0.9905	0.9860	0.9949	0.9923	0.9969
9.6	0.9876	0.9934	0.9711	0.9914	0.9899	0.9962	0.9950	0.9966
9.7	0.9836	0.9948	0.9760	0.9941	0.9942	0.9977	0.9972	0.9966
9.8	0.9844	0.9941	0.9758	0.9941	0.9966	0.9977	0.9982	0.9960
9.9	0.9858	0.9953	0.9815	0.9967	0.9984	0.9987	0.9991	0.9970
10.0	0.9868	0.9951	0.9785	0.9968	0.9989	0.9989	0.9994	0.9971
10.1	0.9855	0.9950	0.9749	0.9964	0.9988	0.9984	0.9993	0.9956
10.2	0.9836	0.9945	0.9722	0.9974	0.9995	0.9992	0.9997	0.9970
10.3	0.9823	0.9935	0.9735	0.9970	0.9995	0.9989	0.9997	0.9967
10.4	0.9891	0.9953	0.9828	0.9979	0.9998	0.9992	0.9999	0.9969
10.5	0.9854	0.9900	0.9723	0.9969	0.9996	0.9989	0.9997	0.9961
10.6	0.9911	0.9932	0.9807	0.9971	0.9996	0.9992	0.9997	0.9969
10.7	0.9876	0.9934	0.9788	0.9970	0.9995	0.9991	0.9996	0.9967
10.8	0.9838	0.9911	0.9765	0.9961	0.9993	0.9989	0.9994	0.9965
10.9	0.9904	0.9939	0.9847	0.9964	0.9995	0.9991	0.9997	0.9971
11.0	0.9934	0.9948	0.9853	0.9975	0.9995	0.9990	0.9996	0.9973
11.1	0.9932	0.9973	0.9880	0.9985	0.9996	0.9993	0.9997	0.9980
11.2	0.9890	0.9947	0.9824	0.9977	0.9995	0.9988	0.9996	0.9965
11.3	0.9898	0.9932	0.9790	0.9971	0.9996	0.9990	0.9997	0.9966
11.4	0.9888	0.9944	0.9829	0.9971	0.9995	0.9987	0.9996	0.9963
11.5	0.9916	0.9958	0.9889	0.9976	0.9996	0.9990	0.9997	0.9969
11.6	0.9927	0.9934	0.9872	0.9970	0.9993	0.9986	0.9994	0.9964
11.7	0.9917	0.9933	0.9852	0.9967	0.9994	0.9984	0.9995	0.9957
11.8	0.9928	0.9950	0.9900	0.9973	0.9994	0.9984	0.9995	0.9959
11.9	0.9923	0.9945	0.9902	0.9966	0.9994	0.9982	0.9995	0.9957
12.0	0.9904	0.9939	0.9882	0.9961	0.9993	0.9980	0.9994	0.9950
12.1	0.9907	0.9947	0.9893	0.9965	0.9992	0.9979	0.9993	0.9954
12.2	0.9903	0.9930	0.9882	0.9953	0.9990	0.9971	0.9991	0.9941
12.3	0.9897	0.9920	0.9870	0.9949	0.9992	0.9969	0.9993	0.9935
12.4	0.9894	0.9914	0.9876	0.9938	0.9990	0.9962	0.9991	0.9927
12.5	0.9872	0.9896	0.9838	0.9921	0.9988	0.9952	0.9988	0.9908
12.6	0.9845	0.9891	0.9824	0.9905	0.9984	0.9938	0.9985	0.9886
12.7	0.9836	0.9867	0.9835	0.9894	0.9983	0.9932	0.9984	0.9879
12.8	0.9846	0.9870	0.9840	0.9892	0.9979	0.9929	0.9981	0.9882
12.9	0.9842	0.9861	0.9832	0.9879	0.9976	0.9919	0.9978	0.9864
13.0	0.9913	0.9923	0.9910	0.9934	0.9977	0.9945	0.9979	0.9916
13.1	0.9897	0.9916	0.9894	0.9912	0.9975	0.9931	0.9977	0.9897
13.2	0.9825	0.9859	0.9825	0.9852	0.9964	0.9876	0.9966	0.9825
13.3	0.9751	0.9792	0.9760	0.9783	0.9964	0.9828	0.9963	0.9759
13.4	0.9609	0.9650	0.9616	0.9640	0.9958	0.9729	0.9958	0.9624
13.5	0.9471	0.9510	0.9479	0.9496	0.9930	0.9600	0.9936	0.9480
13.6	0.9223	0.9267	0.9250	0.9234	0.9901	0.9367	0.9919	0.9227
13.7	0.9315	0.9358	0.9343	0.9313	0.9906	0.9381	0.9933	0.9309
13.8	0.9532	0.9555	0.9551	0.9524	0.9893	0.9555	0.9919	0.9516
13.9	0.9545	0.9568	0.9566	0.9527	0.9797	0.9549	0.9824	0.9524
14.0	0.9675	0.9687	0.9690	0.9665	0.9768	0.9681	0.9782	0.9664
14.1	0.9503	0.9501	0.9534	0.9467	0.9449	0.9706	0.9467	0.9490
14.2	0.9182	0.9178	0.9215	0.9136	0.9284	0.9559	0.9301	0.9160
14.3	0.9227	0.9241	0.9253	0.9202	0.9410	0.9689	0.9418	0.9184
14.4	0.8582	0.8621	0.8546	0.8608	0.9223	0.9597	0.9222	0.8449
14.5	0.9180	0.9200	0.9113	0.9236	0.9623	0.9880	0.9616	0.9045
14.6	0.9178	0.9215	0.8980	0.9302	0.9713	0.9939	0.9705	0.8942
14.7	0.9537	0.9548	0.9355	0.9646	0.9868	0.9971	0.9863	0.9382
14.8	0.9535	0.9556	0.9252	0.9676	0.9883	0.9972	0.9876	0.9320
14.9	0.9411	0.9527	0.8950	0.9670	0.9911	0.9986	0.9904	0.8864
15.0	0.9301	0.9553	0.8859	0.9728	0.9937	0.9986	0.9932	0.7974
15.1	0.9324	0.9488	0.9236	0.9750	0.9949	0.9982	0.9943	0.8322
15.2	0.8817	0.9108	0.9405	0.9652	0.9938	0.9974	0.9929	0.8847
15.3	0.9028	0.9040	0.9704	0.9692	0.9955	0.9975	0.9948	0.9442
15.4	0.8948	0.8834	0.9789	0.9683	0.9958	0.9971	0.9950	0.9618
15.5	0.8857	0.8714	0.9811	0.9708	0.9970	0.9972	0.9962	0.9639
15.6	0.8986	0.8172	0.9861	0.9723	0.9966	0.9976	0.9958	0.9726
15.7	0.9180	0.7956	0.9889	0.9681	0.9977	0.9981	0.9971	0.9786
15.8	0.9231	0.7299	0.9871	0.9477	0.9973	0.9980	0.9964	0.9733
15.9	0.9377	0.7831	0.9912	0.9482	0.9977	0.9983	0.9970	0.9801
16.0	0.9562	0.8342	0.9928	0.9494	0.9981	0.9983	0.9975	0.9838
16.1	0.9512	0.8555	0.9934	0.9378	0.9982	0.9982	0.9975	0.9859
16.2	0.9622	0.9076	0.9944	0.9271	0.9988	0.9985	0.9983	0.9885
16.3	0.9707	0.9157	0.9948	0.9218	0.9991	0.9982	0.9986	0.9886
16.4	0.9646	0.8855	0.9932	0.9272	0.9987	0.9973	0.9981	0.9842
16.5	0.9671	0.9194	0.9933	0.9295	0.9989	0.9983	0.9984	0.9861

16.6	0.9742	0.9486	0.9952	0.9285	0.9990	0.9985	0.9983	0.9886
16.7	0.9716	0.9401	0.9944	0.8819	0.9989	0.9975	0.9982	0.9860
16.8	0.9693	0.9482	0.9944	0.8561	0.9988	0.9970	0.9981	0.9833
16.9	0.9672	0.9490	0.9941	0.8980	0.9989	0.9976	0.9981	0.9871
17.0	0.9765	0.9629	0.9953	0.9086	0.9989	0.9984	0.9979	0.9889
17.1	0.9716	0.9566	0.9955	0.8700	0.9991	0.9977	0.9982	0.9842
17.2	0.9762	0.9478	0.9947	0.8472	0.9989	0.9972	0.9981	0.9855
17.3	0.9788	0.9599	0.9955	0.8528	0.9989	0.9982	0.9979	0.9906
17.4	0.9807	0.9692	0.9968	0.8854	0.9993	0.9986	0.9987	0.9923
17.5	0.9774	0.9662	0.9959	0.8774	0.9992	0.9982	0.9984	0.9913
17.6	0.9782	0.9765	0.9958	0.8893	0.9995	0.9987	0.9989	0.9939
17.7	0.9762	0.9797	0.9955	0.8982	0.9993	0.9984	0.9985	0.9913
17.8	0.9805	0.9758	0.9956	0.8872	0.9990	0.9972	0.9978	0.9795
17.9	0.9792	0.9681	0.9962	0.8983	0.9989	0.9957	0.9976	0.9691
18.0	0.9732	0.9646	0.9955	0.9006	0.9990	0.9941	0.9977	0.9611
18.1	0.9772	0.9778	0.9954	0.9012	0.9991	0.9946	0.9978	0.9667
18.2	0.9785	0.9808	0.9955	0.9015	0.9990	0.9937	0.9976	0.9582
18.3	0.9765	0.9776	0.9954	0.9016	0.9991	0.9943	0.9975	0.9654
18.4	0.9756	0.9761	0.9953	0.9253	0.9990	0.9961	0.9971	0.9801
18.5	0.9797	0.9753	0.9965	0.9371	0.9995	0.9974	0.9986	0.9867
18.6	0.9652	0.9580	0.9957	0.9302	0.9991	0.9946	0.9971	0.9755
18.7	0.9516	0.9483	0.9945	0.9034	0.9985	0.9897	0.9944	0.9564
18.8	0.9630	0.9519	0.9950	0.8743	0.9989	0.9892	0.9953	0.9569
18.9	0.9606	0.9603	0.9946	0.8541	0.9988	0.9918	0.9947	0.9646
19.0	0.9617	0.9525	0.9930	0.8197	0.9980	0.9903	0.9910	0.9595
19.1	0.9694	0.9656	0.9943	0.8119	0.9985	0.9915	0.9931	0.9662
19.2	0.9702	0.9751	0.9960	0.7965	0.9987	0.9910	0.9923	0.9669
19.3	0.9647	0.9668	0.9951	0.7733	0.9987	0.9933	0.9898	0.9755
19.4	0.9715	0.9731	0.9945	0.7656	0.9990	0.9943	0.9904	0.9808
19.5	0.9767	0.9737	0.9938	0.6137	0.9985	0.9956	0.9859	0.9845
19.6	0.9723	0.9700	0.9933	0.5777	0.9984	0.9965	0.9819	0.9887
19.7	0.9619	0.9609	0.9904	0.3713	0.9974	0.9959	0.9665	0.9863
19.8	0.9761	0.9738	0.9933	0.4188	0.9985	0.9974	0.9740	0.9907
19.9	0.9568	0.9646	0.9920	0.4528	0.9979	0.9975	0.9478	0.9919
20.0	0.9597	0.9636	0.9918	0.5424	0.9987	0.9981	0.9593	0.9939
20.1	0.9620	0.9523	0.9925	0.6620	0.9985	0.9977	0.9246	0.9920
20.2	0.9669	0.9622	0.9927	0.6823	0.9988	0.9983	0.9302	0.9951
20.3	0.9191	0.9034	0.9861	0.5443	0.9975	0.9976	0.8598	0.9931
20.4	0.9445	0.9329	0.9901	0.6433	0.9984	0.9984	0.9169	0.9950
20.5	0.9619	0.9507	0.9911	0.6133	0.9988	0.9978	0.9388	0.9947
20.6	0.9589	0.9424	0.9913	0.6765	0.9990	0.9981	0.9608	0.9960
20.7	0.9485	0.9237	0.9875	0.6367	0.9986	0.9970	0.9606	0.9946
20.8	0.9385	0.9172	0.9863	0.4749	0.9983	0.9959	0.9621	0.9914
20.9	0.9307	0.9047	0.9850	0.3912	0.9977	0.9951	0.9616	0.9875
21.0	0.9073	0.8608	0.9766	0.4210	0.9967	0.9929	0.9640	0.9808
21.1	0.9315	0.8966	0.9821	0.3299	0.9979	0.9943	0.9742	0.9848
21.2	0.9336	0.9025	0.9830	0.4501	0.9982	0.9963	0.9796	0.9899
21.3	0.9247	0.8831	0.9814	0.4746	0.9985	0.9933	0.9815	0.9847
21.4	0.9446	0.8946	0.9860	0.5856	0.9983	0.9958	0.9887	0.9905
21.5	0.9283	0.8618	0.9796	0.5017	0.9979	0.9962	0.9898	0.9890
21.6	0.9261	0.8537	0.9769	0.4979	0.9987	0.9956	0.9932	0.9888
21.7	0.9014	0.8353	0.9714	0.3919	0.9980	0.9935	0.9921	0.9826
21.8	0.9059	0.8423	0.9699	0.4530	0.9971	0.9937	0.9915	0.9838
21.9	0.8902	0.7943	0.9646	0.5426	0.9965	0.9938	0.9904	0.9840
22.0	0.8736	0.7992	0.9653	0.5896	0.9967	0.9960	0.9937	0.9882
22.1	0.8773	0.8104	0.9636	0.5597	0.9966	0.9964	0.9943	0.9882
22.2	0.8723	0.7941	0.9682	0.6097	0.9967	0.9968	0.9957	0.9907
22.3	0.8544	0.7486	0.9669	0.6185	0.9964	0.9957	0.9960	0.9907
22.4	0.8497	0.7446	0.9634	0.6065	0.9965	0.9953	0.9962	0.9894
22.5	0.8192	0.7129	0.9493	0.5888	0.9962	0.9949	0.9975	0.9869
22.6	0.7799	0.6444	0.9406	0.4348	0.9955	0.9924	0.9970	0.9800
22.7	0.8231	0.7095	0.9494	0.3505	0.9968	0.9916	0.9972	0.9784
22.8	0.8586	0.7783	0.9589	0.3707	0.9971	0.9928	0.9975	0.9832
22.9	0.8766	0.8188	0.9634	0.5463	0.9972	0.9938	0.9983	0.9851
23.0	0.9160	0.8630	0.9705	0.6641	0.9970	0.9932	0.9987	0.9855
23.1	0.8869	0.8472	0.9654	0.7266	0.9951	0.9905	0.9980	0.9822
23.2	0.8917	0.8685	0.9679	0.7975	0.9960	0.9926	0.9987	0.9849
23.3	0.8935	0.8550	0.9698	0.8247	0.9954	0.9920	0.9987	0.9852
23.4	0.8971	0.8535	0.9767	0.8582	0.9955	0.9928	0.9990	0.9889
23.5	0.8774	0.8172	0.9709	0.8479	0.9921	0.9913	0.9985	0.9881
23.6	0.9293	0.8898	0.9792	0.9250	0.9937	0.9947	0.9990	0.9910
23.7	0.9385	0.8853	0.9815	0.9335	0.9935	0.9946	0.9990	0.9919
23.8	0.9375	0.8728	0.9834	0.9316	0.9920	0.9946	0.9990	0.9918
23.9	0.9408	0.8990	0.9869	0.9435	0.9921	0.9941	0.9990	0.9900
24.0	0.9387	0.8941	0.9865	0.9489	0.9922	0.9924	0.9992	0.9898
24.1	0.9203	0.8139	0.9824	0.9280	0.9868	0.9927	0.9991	0.9891
24.2	0.9443	0.8233	0.9856	0.9397	0.9909	0.9947	0.9995	0.9906
24.3	0.9409	0.7889	0.9837	0.9398	0.9879	0.9929	0.9994	0.9885
24.4	0.9366	0.8188	0.9858	0.9473	0.9874	0.9937	0.9992	0.9906
24.5	0.9388	0.7730	0.9864	0.9453	0.9823	0.9938	0.9990	0.9927
24.6	0.9484	0.7972	0.9883	0.9495	0.9817	0.9947	0.9992	0.9951
24.7	0.9509	0.8094	0.9891	0.9570	0.9778	0.9948	0.9992	0.9941
24.8	0.9519	0.8154	0.9898	0.9416	0.9680	0.9942	0.9993	0.9915
24.9	0.9338	0.7950	0.9873	0.9377	0.9576	0.9918	0.9992	0.9882
25.0	0.9387	0.8750	0.9909	0.9478	0.9664	0.9930	0.9995	0.9884
25.1	0.9350	0.8742	0.9911	0.9391	0.9598	0.9937	0.9996	0.9916

25.2	0.9555	0.9042	0.9930	0.9400	0.9606	0.9942	0.9995	0.9936
25.3	0.9635	0.9203	0.9927	0.9512	0.9556	0.9961	0.9996	0.9950
25.4	0.9643	0.9152	0.9913	0.9431	0.9415	0.9945	0.9996	0.9935
25.5	0.9705	0.9121	0.9924	0.9324	0.9136	0.9934	0.9996	0.9913
25.6	0.9782	0.9252	0.9943	0.9419	0.9202	0.9939	0.9996	0.9917
25.7	0.9699	0.9381	0.9932	0.9239	0.8466	0.9915	0.9994	0.9904
25.8	0.9761	0.9485	0.9930	0.8893	0.8126	0.9928	0.9995	0.9893
25.9	0.9751	0.9480	0.9930	0.8531	0.8011	0.9917	0.9996	0.9881
26.0	0.9653	0.9294	0.9913	0.6749	0.7346	0.9868	0.9996	0.9789
26.1	0.9649	0.9340	0.9890	0.6010	0.6003	0.9724	0.9993	0.9692
26.2	0.9706	0.9538	0.9910	0.4884	0.7432	0.9488	0.9994	0.9367
26.3	0.9813	0.9729	0.9921	0.5224	0.8210	0.9586	0.9996	0.9261
26.4	0.9834	0.9766	0.9935	0.6388	0.8681	0.9453	0.9996	0.9181
26.5	0.9836	0.9804	0.9924	0.7832	0.8574	0.9474	0.9996	0.9197
26.6	0.9887	0.9870	0.9960	0.8935	0.8194	0.9640	0.9995	0.9478
26.7	0.9896	0.9841	0.9949	0.9109	0.8187	0.9731	0.9996	0.9634
26.8	0.9898	0.9872	0.9953	0.9388	0.8480	0.9820	0.9996	0.9768
26.9	0.9899	0.9905	0.9963	0.9542	0.9105	0.9871	0.9996	0.9829
27.0	0.9881	0.9904	0.9954	0.9604	0.9186	0.9865	0.9995	0.9824
27.1	0.9916	0.9919	0.9963	0.9740	0.9320	0.9914	0.9996	0.9900
27.2	0.9872	0.9881	0.9933	0.9672	0.9445	0.9880	0.9995	0.9840
27.3	0.9892	0.9896	0.9939	0.9734	0.9383	0.9908	0.9995	0.9901
27.4	0.9877	0.9865	0.9918	0.9729	0.9498	0.9888	0.9995	0.9900
27.5	0.9834	0.9851	0.9913	0.9771	0.9664	0.9909	0.9995	0.9898
27.6	0.9717	0.9727	0.9845	0.9659	0.9577	0.9852	0.9994	0.9834
27.7	0.9785	0.9781	0.9852	0.9721	0.9652	0.9870	0.9995	0.9872
27.8	0.9694	0.9693	0.9750	0.9674	0.9649	0.9860	0.9994	0.9829
27.9	0.9762	0.9767	0.9793	0.9795	0.9668	0.9901	0.9994	0.9884
28.0	0.9720	0.9757	0.9755	0.9807	0.9661	0.9884	0.9993	0.9873
28.1	0.9753	0.9806	0.9778	0.9860	0.9768	0.9919	0.9993	0.9934
28.2	0.9644	0.9746	0.9616	0.9890	0.9804	0.9906	0.9992	0.9923
28.3	0.9708	0.9758	0.9618	0.9907	0.9787	0.9912	0.9993	0.9941
28.4	0.9761	0.9733	0.9485	0.9906	0.9780	0.9879	0.9993	0.9922
28.5	0.9515	0.9619	0.9257	0.9856	0.9767	0.9807	0.9990	0.9886
28.6	0.9615	0.9746	0.9505	0.9935	0.9835	0.9878	0.9993	0.9919
28.7	0.9404	0.9725	0.9465	0.9912	0.9831	0.9841	0.9990	0.9911
28.8	0.9098	0.9674	0.9319	0.9895	0.9779	0.9819	0.9987	0.9895
28.9	0.8818	0.9565	0.9481	0.9864	0.9797	0.9739	0.9987	0.9872
29.0	0.7777	0.9414	0.9593	0.9875	0.9834	0.9750	0.9987	0.9902
29.1	0.7165	0.9512	0.9765	0.9942	0.9890	0.9811	0.9991	0.9917
29.2	0.6368	0.9432	0.9788	0.9929	0.9891	0.9772	0.9991	0.9908
29.3	0.5096	0.9083	0.9784	0.9873	0.9821	0.9619	0.9987	0.9875
29.4	0.5706	0.8348	0.9750	0.9869	0.9822	0.9589	0.9984	0.9860
29.5	0.6757	0.7545	0.9798	0.9867	0.9848	0.9622	0.9986	0.9856
29.6	0.7099	0.7015	0.9856	0.9903	0.9895	0.9742	0.9992	0.9901
29.7	0.6969	0.6234	0.9855	0.9897	0.9900	0.9720	0.9991	0.9910
29.8	0.6381	0.4875	0.9838	0.9847	0.9826	0.9560	0.9982	0.9864
29.9	0.6747	0.4423	0.9797	0.9847	0.9858	0.9590	0.9986	0.9845
30.0	0.7457	0.5613	0.9820	0.9840	0.9901	0.9560	0.9988	0.9855
30.1	0.8288	0.6753	0.9910	0.9831	0.9904	0.9672	0.9992	0.9885
30.2	0.8037	0.7964	0.9921	0.9783	0.9882	0.9796	0.9994	0.9890
30.3	0.7427	0.8994	0.9922	0.9799	0.9912	0.9816	0.9995	0.9885
30.4	0.7019	0.8968	0.9902	0.9732	0.9909	0.9844	0.9995	0.9891
30.5	0.7851	0.8689	0.9904	0.9604	0.9876	0.9790	0.9994	0.9842
30.6	0.8960	0.8761	0.9910	0.9659	0.9907	0.9875	0.9996	0.9883
30.7	0.8904	0.8229	0.9882	0.9616	0.9889	0.9839	0.9996	0.9883
30.8	0.8738	0.7461	0.9880	0.9657	0.9838	0.9799	0.9995	0.9813
30.9	0.8777	0.7887	0.9861	0.9482	0.9828	0.9756	0.9994	0.9760
31.0	0.8485	0.7727	0.9870	0.9101	0.9842	0.9784	0.9996	0.9802
31.1	0.9015	0.8400	0.9880	0.9180	0.9890	0.9815	0.9996	0.9796
31.2	0.9060	0.8726	0.9836	0.9119	0.9891	0.9829	0.9995	0.9742
31.3	0.9052	0.8833	0.9822	0.8411	0.9845	0.9730	0.9994	0.9678
31.4	0.9277	0.8946	0.9863	0.8034	0.9874	0.9603	0.9996	0.9538
31.5	0.9106	0.9170	0.9823	0.6871	0.9878	0.9542	0.9996	0.9473
31.6	0.9288	0.9484	0.9857	0.6707	0.9892	0.9630	0.9997	0.9675
31.7	0.9133	0.9225	0.9830	0.5622	0.9895	0.9574	0.9997	0.9510
31.8	0.9226	0.9350	0.9878	0.3629	0.9836	0.9527	0.9996	0.9500
31.9	0.9361	0.9552	0.9895	0.0328	0.9874	0.9583	0.9997	0.9379
32.0	0.9371	0.9593	0.9884	0.0209	0.9897	0.9541	0.9997	0.9433
32.1	0.9194	0.9631	0.9880	0.1640	0.9907	0.9521	0.9997	0.9410
32.2	0.9468	0.9765	0.9902	0.5284	0.9902	0.9674	0.9997	0.9662
32.3	0.9488	0.9781	0.9901	0.7715	0.9925	0.9708	0.9998	0.9648
32.4	0.9520	0.9749	0.9874	0.8245	0.9942	0.9755	0.9998	0.9709
32.5	0.9618	0.9794	0.9907	0.8748	0.9940	0.9799	0.9997	0.9786
32.6	0.9612	0.9829	0.9912	0.9054	0.9938	0.9770	0.9997	0.9793
32.7	0.9653	0.9832	0.9915	0.9484	0.9935	0.9839	0.9998	0.9857
32.8	0.9502	0.9808	0.9896	0.9433	0.9924	0.9851	0.9998	0.9874
32.9	0.9532	0.9774	0.9882	0.9481	0.9938	0.9852	0.9998	0.9853
33.0	0.9565	0.9827	0.9918	0.9715	0.9944	0.9878	0.9998	0.9881
33.1	0.9554	0.9849	0.9920	0.9711	0.9949	0.9900	0.9997	0.9897
33.2	0.9350	0.9801	0.9890	0.9738	0.9939	0.9869	0.9996	0.9875
33.3	0.9159	0.9801	0.9873	0.9789	0.9952	0.9894	0.9997	0.9898
33.4	0.8505	0.9805	0.9886	0.9769	0.9961	0.9894	0.9998	0.9905
33.5	0.6818	0.9776	0.9877	0.9756	0.9960	0.9895	0.9997	0.9900
33.6	0.2520	0.9694	0.9805	0.9608	0.9946	0.9810	0.9996	0.9855
33.7	0.5683	0.9745	0.9864	0.9694	0.9961	0.9843	0.9997	0.9865

33.8	0.7432	0.9585	0.9822	0.9619	0.9956	0.9789	0.9997	0.9833
33.9	0.8576	0.9421	0.9821	0.9350	0.9952	0.9649	0.9997	0.9725
34.0	0.9501	0.9551	0.9903	0.9298	0.9964	0.9714	0.9998	0.9792
34.1	0.9610	0.9619	0.9897	0.8614	0.9963	0.9749	0.9998	0.9721
34.2	0.9630	0.9661	0.9865	0.6832	0.9955	0.9592	0.9997	0.9610
34.3	0.9781	0.9691	0.9906	0.6781	0.9948	0.9696	0.9997	0.9696
34.4	0.9844	0.9779	0.9926	0.7574	0.9948	0.9775	0.9997	0.9758
34.5	0.9801	0.9797	0.9917	0.7967	0.9941	0.9831	0.9996	0.9774
34.6	0.9814	0.9842	0.9908	0.8405	0.9950	0.9858	0.9996	0.9830
34.7	0.9846	0.9864	0.9921	0.8958	0.9958	0.9850	0.9996	0.9818
34.8	0.9838	0.9832	0.9892	0.9104	0.9949	0.9865	0.9996	0.9794
34.9	0.9854	0.9837	0.9910	0.9209	0.9956	0.9886	0.9998	0.9825
35.0	0.9880	0.9836	0.9923	0.9314	0.9954	0.9879	0.9997	0.9851
35.1	0.9874	0.9894	0.9924	0.9504	0.9948	0.9906	0.9997	0.9878
35.2	0.9757	0.9786	0.9838	0.9309	0.9922	0.9813	0.9995	0.9814
35.3	0.9783	0.9853	0.9852	0.9517	0.9945	0.9855	0.9996	0.9856
35.4	0.9876	0.9887	0.9889	0.9629	0.9961	0.9898	0.9996	0.9880
35.5	0.9875	0.9865	0.9903	0.9586	0.9958	0.9885	0.9996	0.9892
35.6	0.9863	0.9836	0.9866	0.9485	0.9942	0.9875	0.9995	0.9904
35.7	0.9854	0.9890	0.9879	0.9610	0.9936	0.9894	0.9995	0.9912
35.8	0.9876	0.9913	0.9881	0.9690	0.9946	0.9905	0.9995	0.9936
35.9	0.9837	0.9903	0.9892	0.9637	0.9938	0.9915	0.9994	0.9918
36.0	0.9868	0.9859	0.9861	0.9522	0.9919	0.9886	0.9993	0.9886
36.1	0.9920	0.9907	0.9906	0.9706	0.9942	0.9923	0.9994	0.9928
36.2	0.9899	0.9888	0.9905	0.9641	0.9935	0.9909	0.9994	0.9921
36.3	0.9917	0.9863	0.9855	0.9401	0.9935	0.9893	0.9994	0.9916
36.4	0.9918	0.9888	0.9870	0.9413	0.9928	0.9901	0.9994	0.9918
36.5	0.9889	0.9875	0.9874	0.9452	0.9921	0.9891	0.9993	0.9930
36.6	0.9880	0.9835	0.9883	0.9524	0.9896	0.9883	0.9993	0.9918
36.7	0.9915	0.9856	0.9885	0.9543	0.9904	0.9898	0.9992	0.9927
36.8	0.9902	0.9841	0.9887	0.9491	0.9922	0.9908	0.9993	0.9937
36.9	0.9878	0.9816	0.9872	0.9433	0.9910	0.9881	0.9992	0.9925
37.0	0.9920	0.9829	0.9804	0.9511	0.9929	0.9890	0.9993	0.9925
37.1	0.9939	0.9915	0.9863	0.9652	0.9931	0.9938	0.9994	0.9934
37.2	0.9875	0.9824	0.9864	0.9401	0.9917	0.9924	0.9990	0.9924
37.3	0.9879	0.9805	0.9834	0.9230	0.9914	0.9912	0.9988	0.9897
37.4	0.9877	0.9798	0.9840	0.9207	0.9891	0.9927	0.9988	0.9922
37.5	0.9852	0.9778	0.9792	0.8926	0.9847	0.9897	0.9983	0.9888
37.6	0.9819	0.9741	0.9779	0.8908	0.9848	0.9888	0.9977	0.9873
37.7	0.9869	0.9828	0.9766	0.9302	0.9845	0.9899	0.9981	0.9906
37.8	0.9738	0.9691	0.9633	0.9464	0.9792	0.9877	0.9974	0.9870
37.9	0.9847	0.9776	0.9612	0.9623	0.9856	0.9907	0.9979	0.9890
38.0	0.9706	0.9570	0.9148	0.9277	0.9774	0.9881	0.9971	0.9827
38.1	0.9853	0.9771	0.9398	0.9612	0.9794	0.9925	0.9977	0.9926
38.2	0.9834	0.9750	0.8888	0.9364	0.9774	0.9891	0.9977	0.9901
38.3	0.9766	0.9700	0.7801	0.9137	0.9705	0.9875	0.9975	0.9870
38.4	0.9761	0.9670	0.6987	0.8588	0.9716	0.9881	0.9979	0.9865
38.5	0.9776	0.9701	0.7887	0.8308	0.9744	0.9887	0.9978	0.9900
38.6	0.9815	0.9796	0.8636	0.8651	0.9807	0.9929	0.9981	0.9932
38.7	0.9772	0.9758	0.8274	0.8302	0.9736	0.9908	0.9980	0.9919
38.8	0.9682	0.9729	0.8800	0.8625	0.9704	0.9852	0.9977	0.9883
38.9	0.9722	0.9758	0.8737	0.8969	0.9689	0.9898	0.9973	0.9903
39.0	0.9624	0.9727	0.8875	0.9298	0.9575	0.9920	0.9968	0.9907
39.1	0.9576	0.9739	0.8927	0.9389	0.9553	0.9916	0.9966	0.9894
39.2	0.9444	0.9624	0.8677	0.9258	0.9454	0.9876	0.9957	0.9852
39.3	0.9093	0.9420	0.8763	0.9264	0.9375	0.9853	0.9957	0.9867
39.4	0.8871	0.9514	0.9182	0.9355	0.9402	0.9881	0.9963	0.9894
39.5	0.8333	0.9557	0.9319	0.9383	0.9562	0.9838	0.9954	0.9870
39.6	0.8257	0.9662	0.9495	0.9561	0.9656	0.9874	0.9970	0.9896
39.7	0.8056	0.9567	0.9410	0.9531	0.9674	0.9906	0.9978	0.9898
39.8	0.8004	0.9488	0.9339	0.9505	0.9702	0.9906	0.9980	0.9868
39.9	0.6731	0.9430	0.9323	0.9487	0.9687	0.9834	0.9978	0.9866
40.0	0.4688	0.9339	0.9387	0.9523	0.9697	0.9822	0.9980	0.9781
40.1	0.1709	0.9286	0.9400	0.9463	0.9753	0.9854	0.9978	0.9821
40.2	0.0716	0.9518	0.9518	0.9539	0.9790	0.9816	0.9980	0.9854
40.3	0.0484	0.9303	0.9599	0.9571	0.9760	0.9811	0.9980	0.9819
40.4	0.3368	0.8797	0.9507	0.9098	0.9634	0.9731	0.9973	0.9699
40.5	0.5593	0.8729	0.9524	0.9188	0.9784	0.9783	0.9979	0.9729
40.6	0.6968	0.8683	0.9606	0.9419	0.9762	0.9770	0.9982	0.9743
40.7	0.8789	0.9175	0.9687	0.9673	0.9830	0.9849	0.9989	0.9861
40.8	0.8881	0.9133	0.9677	0.9628	0.9810	0.9819	0.9987	0.9825
40.9	0.9012	0.8870	0.9739	0.9670	0.9775	0.9826	0.9986	0.9777
41.0	0.9467	0.8807	0.9737	0.9773	0.9865	0.9851	0.9989	0.9788
41.1	0.9577	0.8876	0.9684	0.9751	0.9840	0.9823	0.9991	0.9765
41.2	0.9495	0.9176	0.9641	0.9774	0.9853	0.9778	0.9990	0.9724
41.3	0.9521	0.9322	0.9661	0.9787	0.9888	0.9807	0.9992	0.9795
41.4	0.9513	0.9002	0.9654	0.9785	0.9864	0.9790	0.9991	0.9785
41.5	0.9650	0.8604	0.9574	0.9764	0.9864	0.9827	0.9991	0.9745
41.6	0.9702	0.8323	0.9530	0.9778	0.9824	0.9794	0.9991	0.9740
41.7	0.9776	0.8387	0.9592	0.9790	0.9894	0.9793	0.9993	0.9726
41.8	0.9766	0.7668	0.9432	0.9760	0.9853	0.9794	0.9989	0.9597
41.9	0.9656	0.6741	0.9362	0.9706	0.9842	0.9698	0.9990	0.9617
42.0	0.9721	0.7349	0.9271	0.9776	0.9868	0.9688	0.9993	0.9683
42.1	0.9809	0.7549	0.9163	0.9814	0.9894	0.9763	0.9992	0.9691
42.2	0.9796	0.7376	0.8706	0.9793	0.9895	0.9682	0.9992	0.9647
42.3	0.9829	0.7380	0.8196	0.9803	0.9887	0.9610	0.9991	0.9682

42.4	0.9792	0.8256	0.7965	0.9818	0.9869	0.9630	0.9990	0.9688
42.5	0.9809	0.7845	0.7452	0.9752	0.9836	0.9560	0.9990	0.9578
42.6	0.9776	0.8616	0.7170	0.9842	0.9890	0.9616	0.9992	0.9651
42.7	0.9786	0.8180	0.7289	0.9796	0.9910	0.9694	0.9990	0.9567
42.8	0.9650	0.8175	0.6669	0.9750	0.9870	0.9591	0.9988	0.9389
42.9	0.9686	0.8177	0.7817	0.9824	0.9881	0.9611	0.9993	0.9518
43.0	0.9573	0.8092	0.8094	0.9697	0.9907	0.9619	0.9993	0.9322
43.1	0.9345	0.8134	0.8678	0.9471	0.9879	0.9318	0.9990	0.8950
43.2	0.9345	0.8192	0.9224	0.9564	0.9855	0.9220	0.9990	0.8964
43.3	0.8889	0.7139	0.9361	0.9501	0.9888	0.9124	0.9990	0.9090
43.4	0.8586	0.6208	0.9618	0.9562	0.9919	0.9453	0.9993	0.9236
43.5	0.8724	0.5901	0.9374	0.9577	0.9899	0.9245	0.9992	0.8797
43.6	0.8932	0.7230	0.9341	0.9599	0.9885	0.8851	0.9988	0.8495
43.7	0.8842	0.8056	0.9517	0.9493	0.9901	0.9129	0.9990	0.8408
43.8	0.8744	0.8098	0.9602	0.9423	0.9911	0.9173	0.9990	0.8548
43.9	0.8102	0.7750	0.9577	0.9426	0.9915	0.9185	0.9991	0.8355
44.0	0.6393	0.7383	0.9527	0.9299	0.9916	0.9294	0.9991	0.8418
44.1	0.4453	0.7621	0.9598	0.9492	0.9927	0.9227	0.9990	0.7969
44.2	0.4591	0.8847	0.9646	0.9173	0.9920	0.9176	0.9993	0.7853
44.3	0.1004	0.9035	0.9529	0.7824	0.9918	0.8714	0.9992	0.6786
44.4	0.3669	0.9416	0.9734	0.7665	0.9940	0.8880	0.9990	0.7213
44.5	0.3023	0.9466	0.9752	0.6855	0.9936	0.8990	0.9991	0.7733
44.6	0.1373	0.9006	0.9679	0.5131	0.9900	0.8487	0.9990	0.7791
44.7	0.1273	0.9366	0.9737	0.4161	0.9909	0.8770	0.9994	0.7962
44.8	0.5307	0.9579	0.9734	0.1373	0.9941	0.8870	0.9993	0.8495
44.9	0.5635	0.9219	0.9492	0.1809	0.9935	0.8674	0.9992	0.8863
45.0	0.3150	0.9381	0.9614	0.1732	0.9923	0.8948	0.9993	0.8821
45.1	0.6089	0.9566	0.9719	0.0380	0.9942	0.9072	0.9994	0.9085
45.2	0.7043	0.9738	0.9795	0.2121	0.9963	0.9058	0.9995	0.9321
45.3	0.4220	0.9682	0.9766	0.0521	0.9944	0.8818	0.9993	0.8777
45.4	0.0931	0.9638	0.9760	0.0333	0.9947	0.8571	0.9993	0.8813
45.5	0.1196	0.9588	0.9719	0.1160	0.9927	0.8477	0.9990	0.9239
45.6	0.0493	0.9504	0.9746	0.3185	0.9930	0.8312	0.9988	0.9120
45.7	0.6232	0.9654	0.9812	0.0559	0.9951	0.8521	0.9991	0.9226
45.8	0.7636	0.9535	0.9645	0.3993	0.9950	0.8964	0.9991	0.9096
45.9	0.8423	0.9636	0.9693	0.6726	0.9958	0.9130	0.9993	0.9323
46.0	0.8698	0.9690	0.9815	0.7176	0.9956	0.8690	0.9991	0.9493
46.1	0.9073	0.9580	0.9753	0.8248	0.9953	0.8986	0.9990	0.9559
46.2	0.8133	0.9025	0.9573	0.7594	0.9929	0.8785	0.9987	0.9618
46.3	0.7904	0.9513	0.9691	0.8035	0.9949	0.8990	0.9990	0.9626
46.4	0.8847	0.9621	0.9669	0.8843	0.9954	0.9043	0.9992	0.9662
46.5	0.8879	0.9502	0.9702	0.9122	0.9952	0.9057	0.9993	0.9788
46.6	0.8761	0.9548	0.9839	0.9520	0.9959	0.9281	0.9993	0.9864
46.7	0.7618	0.9270	0.9769	0.9135	0.9958	0.9111	0.9988	0.9815
46.8	0.7760	0.9371	0.9874	0.8823	0.9954	0.8820	0.9987	0.9831
46.9	0.8425	0.9402	0.9744	0.8303	0.9949	0.8711	0.9988	0.9787
47.0	0.8367	0.9367	0.9689	0.9049	0.9939	0.8274	0.9984	0.9656
47.1	0.8185	0.9337	0.9739	0.9311	0.9956	0.8295	0.9983	0.9769
47.2	0.8436	0.9579	0.9867	0.9387	0.9964	0.8964	0.9988	0.9851
47.3	0.8057	0.9455	0.9868	0.9329	0.9961	0.9107	0.9984	0.9835
47.4	0.8250	0.9570	0.9835	0.9294	0.9946	0.8930	0.9979	0.9801
47.5	0.8451	0.9583	0.9775	0.9237	0.9931	0.8502	0.9979	0.9758
47.6	0.8240	0.9361	0.9663	0.9188	0.9941	0.8640	0.9979	0.9745
47.7	0.8120	0.9302	0.9757	0.9532	0.9953	0.8635	0.9981	0.9805
47.8	0.8294	0.9510	0.9838	0.9737	0.9956	0.8671	0.9982	0.9862
47.9	0.8826	0.9735	0.9797	0.9607	0.9956	0.8526	0.9983	0.9834
48.0	0.9238	0.9736	0.9707	0.9479	0.9949	0.8013	0.9979	0.9775
48.1	0.9468	0.9796	0.9796	0.9724	0.9964	0.8409	0.9977	0.9829
48.2	0.9199	0.9717	0.9702	0.9606	0.9952	0.8109	0.9969	0.9769
48.3	0.9246	0.9719	0.9757	0.9701	0.9940	0.7610	0.9961	0.9739
48.4	0.9023	0.9744	0.9781	0.9749	0.9950	0.8110	0.9975	0.9798
48.5	0.8470	0.9619	0.9710	0.9742	0.9961	0.7756	0.9975	0.9851
48.6	0.8041	0.9613	0.9682	0.9624	0.9954	0.6681	0.9964	0.9806
48.7	0.8463	0.9637	0.9680	0.9608	0.9945	0.6647	0.9960	0.9823
48.8	0.8473	0.9663	0.9588	0.9626	0.9935	0.6218	0.9958	0.9741
48.9	0.8191	0.9689	0.9636	0.9738	0.9927	0.5534	0.9953	0.9744
49.0	0.7753	0.9663	0.9636	0.9686	0.9931	0.5182	0.9955	0.9723
49.1	0.5707	0.9511	0.9387	0.9479	0.9938	0.4497	0.9954	0.9699
49.2	0.4985	0.9479	0.9119	0.9309	0.9945	0.5424	0.9958	0.9710
49.3	0.6659	0.9517	0.9287	0.9406	0.9957	0.4971	0.9959	0.9757
49.4	0.7154	0.9544	0.9262	0.9400	0.9945	0.3383	0.9952	0.9748
49.5	0.6196	0.9404	0.8925	0.9298	0.9934	0.4069	0.9945	0.9744
49.6	0.2881	0.8063	0.6916	0.7635	0.9945	0.3442	0.9950	0.9775
49.7	0.2582	0.7042	0.6281	0.6452	0.9950	0.3358	0.9951	0.9682
49.8	0.3071	0.7989	0.7059	0.7293	0.9944	0.3549	0.9933	0.9537
49.9	0.5645	0.8989	0.8035	0.8660	0.9916	0.0945	0.9910	0.8818
50.0	0.4401	0.8706	0.7531	0.8200	0.9878	0.0886	0.9883	0.7332
50.1	0.5155	0.8841	0.7799	0.8455	0.9810	0.1066	0.9860	0.7455
50.2	0.8012	0.9581	0.8782	0.9313	0.9905	0.1913	0.9908	0.9192
50.3	0.8379	0.9686	0.7738	0.8793	0.9932	0.3083	0.9912	0.9542
50.4	0.7358	0.9356	0.6763	0.8481	0.9917	0.3236	0.9905	0.9234
50.5	0.6913	0.9293	0.7158	0.8866	0.9929	0.3506	0.9922	0.9364
50.6	0.5795	0.9091	0.6163	0.8493	0.9915	0.4602	0.9902	0.9369
50.7	0.6135	0.9110	0.6602	0.8563	0.9885	0.3011	0.9837	0.9157
50.8	0.6942	0.9059	0.6806	0.8824	0.9883	0.3223	0.9834	0.8752
50.9	0.6918	0.9056	0.5601	0.8809	0.9902	0.4962	0.9853	0.8632

51.0	0.6627	0.9183	0.4703	0.8846	0.9898	0.4797	0.9858	0.8373
51.1	0.5644	0.8951	0.3543	0.8679	0.9893	0.5382	0.9859	0.8175
51.2	0.4909	0.8529	0.2926	0.8485	0.9898	0.5736	0.9866	0.7503
51.3	0.2873	0.7983	0.2837	0.8819	0.9896	0.5527	0.9883	0.6894
51.4	0.3868	0.8213	0.3164	0.9026	0.9906	0.5686	0.9893	0.6430
51.5	0.6033	0.8762	0.2899	0.9117	0.9899	0.6348	0.9887	0.6926
51.6	0.5611	0.7797	0.3260	0.8485	0.9835	0.6090	0.9809	0.5928
51.7	0.6593	0.7744	0.4839	0.8471	0.9863	0.6225	0.9840	0.4531
51.8	0.7338	0.7415	0.6144	0.8535	0.9890	0.7083	0.9870	0.2060
51.9	0.7945	0.7298	0.6439	0.8641	0.9890	0.7549	0.9897	0.3226
52.0	0.8140	0.8125	0.6735	0.8739	0.9913	0.7508	0.9916	0.3104
52.1	0.7982	0.7854	0.7021	0.8485	0.9896	0.7068	0.9898	0.0577
52.2	0.7666	0.6467	0.7099	0.7778	0.9885	0.7076	0.9879	0.2039
52.3	0.7892	0.4459	0.7436	0.6881	0.9853	0.7151	0.9865	0.5265
52.4	0.7052	0.1813	0.6119	0.4861	0.9789	0.6930	0.9811	0.4688
52.5	0.7642	0.3538	0.7050	0.5959	0.9842	0.7742	0.9845	0.5801
52.6	0.7989	0.3771	0.7465	0.6169	0.9858	0.7694	0.9849	0.6678
52.7	0.7860	0.3037	0.7049	0.5634	0.9845	0.7154	0.9845	0.6907
52.8	0.8313	0.4760	0.7879	0.6714	0.9851	0.7961	0.9860	0.7904
52.9	0.8841	0.6448	0.8627	0.7647	0.9879	0.8285	0.9883	0.8683
53.0	0.8844	0.5910	0.8535	0.7378	0.9886	0.7765	0.9877	0.8896
53.1	0.8773	0.5750	0.8515	0.7118	0.9864	0.7511	0.9867	0.8985
53.2	0.8633	0.5645	0.8427	0.6815	0.9854	0.7396	0.9852	0.8981
53.3	0.8744	0.5024	0.8437	0.6536	0.9866	0.7375	0.9866	0.9050
53.4	0.9010	0.5669	0.8724	0.7020	0.9873	0.7672	0.9882	0.9361
53.5	0.8930	0.5913	0.8794	0.7038	0.9862	0.7328	0.9878	0.9354
53.6	0.8447	0.4568	0.8250	0.5749	0.9842	0.6849	0.9863	0.8975
53.7	0.8642	0.5736	0.8485	0.6309	0.9838	0.7679	0.9860	0.8900
53.8	0.8914	0.6515	0.8849	0.7226	0.9867	0.8076	0.9899	0.9092
53.9	0.9073	0.7418	0.9041	0.7855	0.9859	0.8104	0.9899	0.9223
54.0	0.8872	0.6867	0.8781	0.7240	0.9873	0.7937	0.9899	0.9226
54.1	0.8226	0.5950	0.8168	0.6274	0.9781	0.7296	0.9837	0.8929
54.2	0.8038	0.5828	0.8045	0.6260	0.9757	0.7558	0.9820	0.8778
54.3	0.8915	0.7262	0.8821	0.7925	0.9843	0.8202	0.9885	0.9329
54.4	0.9253	0.8094	0.9149	0.8556	0.9870	0.8697	0.9911	0.9545
54.5	0.9332	0.8309	0.9227	0.8719	0.9863	0.8734	0.9902	0.9655
54.6	0.9183	0.7945	0.9076	0.8491	0.9818	0.8479	0.9876	0.9557
54.7	0.9104	0.7917	0.8997	0.8382	0.9804	0.8691	0.9883	0.9493
54.8	0.9277	0.8326	0.9212	0.8713	0.9863	0.8926	0.9916	0.9599
54.9	0.9475	0.8818	0.9449	0.9075	0.9901	0.9118	0.9936	0.9700
55.0	0.9535	0.8987	0.9523	0.9164	0.9881	0.9163	0.9930	0.9718
55.1	0.9395	0.8643	0.9327	0.8981	0.9850	0.8963	0.9914	0.9661
55.2	0.9332	0.8612	0.9284	0.8942	0.9826	0.9016	0.9905	0.9630
55.3	0.9425	0.8867	0.9380	0.9107	0.9837	0.9137	0.9913	0.9710
55.4	0.9533	0.9079	0.9507	0.9275	0.9850	0.9297	0.9926	0.9713
55.5	0.9524	0.9117	0.9535	0.9253	0.9869	0.9380	0.9942	0.9685
55.6	0.9435	0.9047	0.9448	0.9177	0.9822	0.9290	0.9910	0.9660
55.7	0.9572	0.9256	0.9551	0.9332	0.9850	0.9325	0.9923	0.9766
55.8	0.9588	0.9314	0.9576	0.9400	0.9835	0.9393	0.9926	0.9740
55.9	0.9658	0.9438	0.9662	0.9510	0.9868	0.9536	0.9937	0.9782
56.0	0.9727	0.9525	0.9711	0.9587	0.9874	0.9604	0.9941	0.9839
56.1	0.9700	0.9500	0.9693	0.9567	0.9867	0.9591	0.9933	0.9790
56.2	0.9729	0.9556	0.9714	0.9630	0.9861	0.9538	0.9939	0.9808
56.3	0.9738	0.9641	0.9752	0.9690	0.9788	0.9533	0.9904	0.9721
56.4	0.9724	0.9599	0.9727	0.9662	0.9774	0.9456	0.9898	0.9705
56.5	0.9765	0.9630	0.9748	0.9689	0.9857	0.9417	0.9939	0.9833
56.6	0.9797	0.9708	0.9796	0.9756	0.9816	0.9519	0.9921	0.9814
56.7	0.9754	0.9671	0.9752	0.9740	0.9716	0.9511	0.9887	0.9753
56.8	0.9829	0.9740	0.9810	0.9806	0.9731	0.9510	0.9895	0.9782
56.9	0.9755	0.9535	0.9729	0.9670	0.9824	0.9091	0.9930	0.9807
57.0	0.9835	0.9636	0.9802	0.9770	0.9812	0.9294	0.9935	0.9841
57.1	0.9789	0.9639	0.9776	0.9706	0.9795	0.9341	0.9920	0.9805
57.2	0.9804	0.9685	0.9791	0.9721	0.9854	0.9460	0.9949	0.9847
57.3	0.9805	0.9682	0.9777	0.9741	0.9871	0.9316	0.9950	0.9857
57.4	0.9812	0.9662	0.9778	0.9745	0.9857	0.9266	0.9944	0.9855
57.5	0.9838	0.9732	0.9813	0.9781	0.9841	0.9367	0.9944	0.9848
57.6	0.9826	0.9709	0.9808	0.9772	0.9857	0.9267	0.9945	0.9859
57.7	0.9841	0.9704	0.9816	0.9765	0.9851	0.9166	0.9932	0.9893
57.8	0.9759	0.9581	0.9697	0.9659	0.9811	0.8877	0.9927	0.9840
57.9	0.9682	0.9483	0.9628	0.9588	0.9767	0.8729	0.9922	0.9774
58.0	0.9707	0.9562	0.9675	0.9626	0.9776	0.8880	0.9922	0.9770
58.1	0.9708	0.9546	0.9657	0.9637	0.9847	0.8815	0.9939	0.9781
58.2	0.9794	0.9659	0.9744	0.9745	0.9872	0.9089	0.9954	0.9855
58.3	0.9804	0.9666	0.9750	0.9762	0.9888	0.9262	0.9968	0.9869
58.4	0.9802	0.9676	0.9769	0.9761	0.9872	0.9183	0.9959	0.9850
58.5	0.9734	0.9615	0.9692	0.9705	0.9824	0.9072	0.9945	0.9762
58.6	0.9692	0.9554	0.9636	0.9644	0.9864	0.9004	0.9944	0.9805
58.7	0.9684	0.9547	0.9624	0.9624	0.9830	0.8904	0.9944	0.9799
58.8	0.9727	0.9574	0.9675	0.9673	0.9878	0.8935	0.9952	0.9867
58.9	0.9725	0.9578	0.9675	0.9672	0.9905	0.8935	0.9946	0.9895
59.0	0.9790	0.9711	0.9762	0.9769	0.9870	0.9254	0.9949	0.9848
59.1	0.9717	0.9641	0.9663	0.9712	0.9782	0.9174	0.9953	0.9744
59.2	0.9754	0.9673	0.9684	0.9721	0.9809	0.9140	0.9944	0.9773
59.3	0.9732	0.9658	0.9660	0.9697	0.9800	0.9222	0.9944	0.9816
59.4	0.9766	0.9710	0.9716	0.9751	0.9847	0.9376	0.9950	0.9869
59.5	0.9759	0.9701	0.9720	0.9747	0.9845	0.9400	0.9940	0.9845

59.6	0.9794	0.9748	0.9765	0.9795	0.9894	0.9538	0.9952	0.9891
59.7	0.9751	0.9671	0.9682	0.9738	0.9830	0.9457	0.9943	0.9813
59.8	0.9803	0.9744	0.9748	0.9787	0.9812	0.9647	0.9949	0.9820
59.9	0.9704	0.9574	0.9508	0.9391	0.9274	0.7360	0.9946	0.8448
60.0	0.9335	0.8989	0.8555	0.8186	0.7844	0.3716	0.9918	0.5135
60.1	0.9611	0.9493	0.9265	0.9195	0.9069	0.6606	0.9946	0.7615
60.2	0.9786	0.9740	0.9761	0.9793	0.9773	0.9637	0.9960	0.9839
60.3	0.9850	0.9812	0.9819	0.9862	0.9838	0.9750	0.9968	0.9871
60.4	0.9844	0.9815	0.9808	0.9861	0.9790	0.9764	0.9963	0.9889
60.5	0.9808	0.9779	0.9746	0.9820	0.9744	0.9710	0.9958	0.9847
60.6	0.9835	0.9798	0.9788	0.9845	0.9761	0.9758	0.9966	0.9842
60.7	0.9809	0.9771	0.9755	0.9825	0.9757	0.9748	0.9967	0.9859
60.8	0.9813	0.9761	0.9741	0.9839	0.9785	0.9713	0.9974	0.9805
60.9	0.9781	0.9737	0.9716	0.9805	0.9785	0.9653	0.9971	0.9782
61.0	0.9708	0.9655	0.9625	0.9722	0.9725	0.9562	0.9968	0.9772
61.1	0.9726	0.9687	0.9644	0.9742	0.9685	0.9623	0.9969	0.9798
61.2	0.9807	0.9754	0.9756	0.9805	0.9790	0.9713	0.9978	0.9853
61.3	0.9815	0.9762	0.9757	0.9808	0.9804	0.9681	0.9977	0.9842
61.4	0.9764	0.9746	0.9700	0.9776	0.9752	0.9669	0.9977	0.9797
61.5	0.9699	0.9683	0.9612	0.9709	0.9723	0.9617	0.9977	0.9786
61.6	0.9735	0.9679	0.9627	0.9749	0.9740	0.9606	0.9975	0.9770
61.7	0.9759	0.9677	0.9656	0.9775	0.9778	0.9592	0.9978	0.9803
61.8	0.9735	0.9672	0.9679	0.9758	0.9764	0.9605	0.9978	0.9809
61.9	0.9753	0.9696	0.9684	0.9776	0.9728	0.9624	0.9970	0.9778
62.0	0.9668	0.9616	0.9577	0.9706	0.9721	0.9513	0.9963	0.9747
62.1	0.9679	0.9630	0.9578	0.9711	0.9789	0.9563	0.9968	0.9735
62.2	0.9566	0.9539	0.9505	0.9613	0.9780	0.9362	0.9962	0.9630
62.3	0.9507	0.9503	0.9476	0.9569	0.9775	0.9248	0.9968	0.9584
62.4	0.9469	0.9385	0.9398	0.9561	0.9742	0.9126	0.9954	0.9475
62.5	0.9600	0.9579	0.9528	0.9688	0.9817	0.9426	0.9960	0.9576
62.6	0.9696	0.9694	0.9634	0.9750	0.9835	0.9524	0.9953	0.9635
62.7	0.9673	0.9665	0.9660	0.9736	0.9819	0.9550	0.9950	0.9579
62.8	0.9661	0.9650	0.9638	0.9709	0.9821	0.9553	0.9963	0.9506
62.9	0.9557	0.9581	0.9539	0.9592	0.9793	0.9317	0.9959	0.9472
63.0	0.9640	0.9712	0.9697	0.9716	0.9858	0.9530	0.9970	0.9513
63.1	0.9629	0.9693	0.9680	0.9712	0.9893	0.9474	0.9972	0.9548
63.2	0.9626	0.9677	0.9620	0.9708	0.9898	0.9416	0.9973	0.9484
63.3	0.9470	0.9622	0.9514	0.9556	0.9854	0.9214	0.9963	0.9384
63.4	0.9559	0.9723	0.9644	0.9659	0.9861	0.9341	0.9965	0.9485
63.5	0.9679	0.9765	0.9688	0.9777	0.9852	0.9465	0.9965	0.9421
63.6	0.9671	0.9768	0.9691	0.9750	0.9862	0.9415	0.9959	0.9490
63.7	0.9558	0.9649	0.9606	0.9625	0.9849	0.8974	0.9956	0.9429
63.8	0.9542	0.9615	0.9589	0.9583	0.9772	0.9010	0.9965	0.9215
63.9	0.9491	0.9611	0.9517	0.9532	0.9707	0.8689	0.9945	0.9324
64.0	0.9555	0.9697	0.9574	0.9590	0.9768	0.9028	0.9955	0.9470
64.1	0.9629	0.9726	0.9639	0.9664	0.9767	0.9180	0.9960	0.9356
64.2	0.9690	0.9804	0.9700	0.9743	0.9832	0.9238	0.9962	0.9473
64.3	0.9645	0.9742	0.9688	0.9639	0.9800	0.9140	0.9947	0.9397
64.4	0.9629	0.9719	0.9699	0.9629	0.9785	0.8995	0.9958	0.9544
64.5	0.9666	0.9700	0.9666	0.9642	0.9767	0.8739	0.9956	0.9454
64.6	0.9631	0.9681	0.9574	0.9537	0.9743	0.8674	0.9955	0.9392
64.7	0.9658	0.9737	0.9588	0.9597	0.9760	0.8925	0.9958	0.9588
64.8	0.9748	0.9794	0.9740	0.9727	0.9808	0.9104	0.9969	0.9655
64.9	0.9692	0.9766	0.9699	0.9675	0.9787	0.8824	0.9965	0.9648
65.0	0.9634	0.9717	0.9633	0.9608	0.9688	0.8723	0.9959	0.9640
65.1	0.9661	0.9712	0.9666	0.9578	0.9676	0.8804	0.9930	0.9491
65.2	0.9638	0.9679	0.9552	0.9572	0.9565	0.8842	0.9910	0.9205
65.3	0.9594	0.9681	0.9519	0.9565	0.9579	0.8700	0.9925	0.9300
65.4	0.9708	0.9776	0.9727	0.9731	0.9648	0.9254	0.9944	0.9560
65.5	0.9676	0.9724	0.9703	0.9708	0.9580	0.9245	0.9930	0.9573
65.6	0.9603	0.9731	0.9643	0.9659	0.9550	0.9082	0.9947	0.9566
65.7	0.9650	0.9749	0.9649	0.9660	0.9613	0.9269	0.9948	0.9537
65.8	0.9638	0.9724	0.9667	0.9658	0.9653	0.9320	0.9946	0.9558
65.9	0.9693	0.9791	0.9753	0.9748	0.9616	0.9512	0.9950	0.9658
66.0	0.9739	0.9809	0.9760	0.9720	0.9517	0.9581	0.9953	0.9588
66.1	0.9618	0.9714	0.9666	0.9610	0.9502	0.9398	0.9921	0.9435
66.2	0.9493	0.9630	0.9564	0.9458	0.9496	0.9197	0.9911	0.9333
66.3	0.9352	0.9581	0.9486	0.9352	0.9234	0.9242	0.9924	0.9400
66.4	0.9520	0.9676	0.9615	0.9481	0.9468	0.9475	0.9937	0.9464
66.5	0.9371	0.9592	0.9498	0.9339	0.9255	0.9328	0.9913	0.9402
66.6	0.9290	0.9596	0.9537	0.9354	0.9253	0.9354	0.9923	0.9423
66.7	0.9407	0.9637	0.9605	0.9336	0.9213	0.9569	0.9929	0.9410
66.8	0.9323	0.9617	0.9512	0.9289	0.9114	0.9489	0.9903	0.9305
66.9	0.9175	0.9568	0.9466	0.9121	0.9157	0.9401	0.9898	0.9256
67.0	0.9343	0.9667	0.9595	0.9404	0.9370	0.9485	0.9918	0.9485
67.1	0.9286	0.9625	0.9544	0.9292	0.9530	0.9517	0.9894	0.9453
67.2	0.8805	0.9393	0.9286	0.8858	0.9235	0.9294	0.9855	0.9188
67.3	0.8913	0.9504	0.9379	0.8977	0.9024	0.9373	0.9886	0.9277
67.4	0.8993	0.9588	0.9498	0.9086	0.9190	0.9458	0.9899	0.9381
67.5	0.9000	0.9578	0.9502	0.9111	0.9336	0.9448	0.9912	0.9406
67.6	0.8910	0.9507	0.9455	0.9003	0.9219	0.9447	0.9878	0.9361
67.7	0.8953	0.9522	0.9460	0.9038	0.9310	0.9533	0.9892	0.9399
67.8	0.8457	0.9243	0.9143	0.8510	0.9253	0.9214	0.9860	0.9164
67.9	0.7736	0.8920	0.8877	0.7924	0.9154	0.8831	0.9784	0.8870
68.0	0.8168	0.9197	0.9149	0.8480	0.9307	0.9196	0.9830	0.9101
68.1	0.8133	0.9242	0.9159	0.8549	0.9265	0.9288	0.9846	0.9162

68.2	0.7396	0.8916	0.8829	0.7847	0.8954	0.9011	0.9776	0.8814
68.3	0.7106	0.8646	0.8638	0.7571	0.8891	0.8762	0.9749	0.8533
68.4	0.7740	0.9012	0.8946	0.8142	0.9337	0.9021	0.9832	0.8980
68.5	0.7993	0.9079	0.9025	0.8316	0.9275	0.9100	0.9815	0.9051
68.6	0.7196	0.8539	0.8519	0.7547	0.8950	0.8621	0.9628	0.8507
68.7	0.7787	0.8956	0.8959	0.8043	0.9250	0.8902	0.9744	0.8964
68.8	0.7433	0.8758	0.8821	0.7864	0.9392	0.8728	0.9741	0.8843
68.9	0.7496	0.8688	0.8719	0.7965	0.9384	0.8733	0.9724	0.8765
69.0	0.7537	0.8691	0.8707	0.8071	0.9235	0.8779	0.9729	0.8723
69.1	0.7600	0.8676	0.8674	0.8166	0.9245	0.8740	0.9709	0.8718
69.2	0.7425	0.8546	0.8602	0.7888	0.9218	0.8599	0.9683	0.8676
69.3	0.7308	0.8421	0.8507	0.7744	0.9269	0.8444	0.9647	0.8585
69.4	0.7644	0.8643	0.8710	0.8101	0.9326	0.8652	0.9723	0.8856
69.5	0.7646	0.8515	0.8618	0.8121	0.9332	0.8522	0.9676	0.8846
69.6	0.7821	0.8479	0.8565	0.8230	0.9434	0.8594	0.9681	0.8742
69.7	0.7649	0.8292	0.8362	0.8154	0.9390	0.8339	0.9638	0.8644
69.8	0.6908	0.7622	0.7754	0.7581	0.9207	0.7690	0.9514	0.8307
69.9	0.7536	0.7904	0.7996	0.7901	0.9302	0.7975	0.9527	0.8536
70.0	0.7751	0.8138	0.8302	0.8238	0.9325	0.8319	0.9608	0.8798
70.1	0.7881	0.8143	0.8371	0.8319	0.9363	0.8351	0.9591	0.8836
70.2	0.7576	0.7756	0.7969	0.8038	0.9316	0.7950	0.9518	0.8556
70.3	0.7477	0.7512	0.7774	0.7917	0.9189	0.7708	0.9470	0.8531
70.4	0.7877	0.7875	0.8162	0.8345	0.9338	0.8016	0.9562	0.8881
70.5	0.8302	0.8348	0.8512	0.8683	0.9486	0.8260	0.9588	0.9099
70.6	0.8110	0.8079	0.8125	0.8505	0.9302	0.7861	0.9534	0.8944
70.7	0.8006	0.7647	0.7794	0.8276	0.9267	0.7438	0.9367	0.8750
70.8	0.8508	0.8228	0.8401	0.8738	0.9390	0.8183	0.9424	0.9020
70.9	0.8552	0.8043	0.8204	0.8766	0.9480	0.7857	0.9481	0.9171
71.0	0.8603	0.8056	0.8135	0.8836	0.9542	0.7792	0.9616	0.9253
71.1	0.8733	0.8027	0.8159	0.8877	0.9552	0.7585	0.9465	0.9338
71.2	0.8879	0.8038	0.8196	0.8956	0.9527	0.7381	0.9335	0.9292
71.3	0.8997	0.8538	0.8742	0.9203	0.9524	0.8397	0.9605	0.9332
71.4	0.9249	0.8754	0.9014	0.9364	0.9624	0.8498	0.9651	0.9499
71.5	0.9147	0.8515	0.8809	0.9248	0.9623	0.8156	0.9563	0.9490
71.6	0.9172	0.8825	0.8976	0.9313	0.9541	0.8608	0.9592	0.9472
71.7	0.9287	0.8724	0.9018	0.9334	0.9589	0.8726	0.9583	0.9461
71.8	0.8918	0.7843	0.8517	0.8961	0.9408	0.8084	0.9403	0.9203
71.9	0.9053	0.8136	0.8674	0.9129	0.9495	0.8262	0.9404	0.9340
72.0	0.9269	0.8416	0.8941	0.9348	0.9646	0.8798	0.9503	0.9417
72.1	0.9274	0.8651	0.9203	0.9419	0.9625	0.9005	0.9570	0.9424
72.2	0.9279	0.8724	0.9205	0.9465	0.9566	0.9086	0.9600	0.9466
72.3	0.9304	0.8493	0.8938	0.9369	0.9567	0.8863	0.9499	0.9486
72.4	0.9241	0.7996	0.8744	0.9196	0.9557	0.8559	0.9204	0.9422
72.5	0.9249	0.8321	0.8909	0.9264	0.9590	0.8869	0.9300	0.9375
72.6	0.9395	0.8670	0.9227	0.9483	0.9722	0.9132	0.9495	0.9508
72.7	0.9449	0.8453	0.9243	0.9441	0.9703	0.9058	0.9420	0.9561
72.8	0.9432	0.8565	0.9152	0.9446	0.9695	0.9158	0.9430	0.9539
72.9	0.9480	0.8527	0.9259	0.9494	0.9671	0.9250	0.9462	0.9561
73.0	0.9369	0.7984	0.9259	0.9401	0.9656	0.9266	0.9459	0.9440
73.1	0.9238	0.7925	0.9133	0.9340	0.9665	0.9172	0.9355	0.9324
73.2	0.9474	0.8651	0.9314	0.9517	0.9718	0.9331	0.9406	0.9525
73.3	0.9593	0.8498	0.9500	0.9584	0.9805	0.9461	0.9421	0.9627
73.4	0.9534	0.7807	0.9453	0.9562	0.9775	0.9337	0.9173	0.9596
73.5	0.9611	0.8333	0.9478	0.9633	0.9764	0.9414	0.9268	0.9680
73.6	0.9681	0.8449	0.9562	0.9685	0.9782	0.9543	0.9348	0.9706
73.7	0.9411	0.7138	0.9397	0.9466	0.9719	0.9424	0.9181	0.9424
73.8	0.9376	0.7060	0.9382	0.9390	0.9687	0.9416	0.9225	0.9386
73.9	0.9557	0.7056	0.9471	0.9460	0.9705	0.9306	0.9148	0.9608
74.0	0.9454	0.6362	0.9141	0.9323	0.9658	0.9064	0.8911	0.9508
74.1	0.9477	0.5092	0.9333	0.9471	0.9708	0.9282	0.9185	0.9528
74.2	0.9548	0.5049	0.9497	0.9569	0.9734	0.9422	0.9321	0.9599
74.3	0.9595	0.3748	0.9458	0.9505	0.9696	0.9320	0.9215	0.9643
74.4	0.9645	0.1600	0.9488	0.9540	0.9713	0.9275	0.9220	0.9659
74.5	0.9670	0.0589	0.9540	0.9635	0.9782	0.9399	0.9222	0.9705
74.6	0.9566	0.0878	0.9490	0.9580	0.9729	0.9344	0.9121	0.9632
74.7	0.9542	0.1284	0.9350	0.9521	0.9719	0.9327	0.9373	0.9614
74.8	0.9458	0.1699	0.9316	0.9330	0.9546	0.8956	0.9029	0.9570
74.9	0.9595	0.4449	0.9453	0.9508	0.9622	0.9237	0.9053	0.9659
75.0	0.9462	0.4359	0.9197	0.9324	0.9403	0.8739	0.8577	0.9548
75.1	0.9380	0.4567	0.9064	0.9241	0.9377	0.8682	0.8376	0.9516
75.2	0.9559	0.6862	0.9434	0.9456	0.9568	0.9131	0.8969	0.9616
75.3	0.9529	0.7047	0.9361	0.9440	0.9556	0.9027	0.9080	0.9606
75.4	0.9450	0.7136	0.9222	0.9402	0.9453	0.8901	0.8877	0.9557
75.5	0.9612	0.8105	0.9457	0.9563	0.9590	0.9255	0.9305	0.9630
75.6	0.9717	0.8229	0.9563	0.9648	0.9699	0.9445	0.9376	0.9734
75.7	0.9653	0.8108	0.9516	0.9593	0.9686	0.9372	0.9211	0.9724
75.8	0.9411	0.7144	0.9206	0.9316	0.9423	0.8941	0.8753	0.9551
75.9	0.9432	0.7555	0.9205	0.9372	0.9475	0.9009	0.8839	0.9531
76.0	0.9497	0.7676	0.9244	0.9443	0.9628	0.9124	0.9017	0.9584
76.1	0.9441	0.7344	0.9182	0.9324	0.9441	0.8934	0.8771	0.9569
76.2	0.9408	0.7501	0.9241	0.9269	0.9287	0.9036	0.8670	0.9540
76.3	0.9403	0.7659	0.9227	0.9220	0.9323	0.9043	0.8806	0.9485
76.4	0.9610	0.8608	0.9410	0.9487	0.9504	0.9271	0.9113	0.9606
76.5	0.9716	0.8792	0.9583	0.9648	0.9597	0.9393	0.9108	0.9738
76.6	0.9625	0.8887	0.9428	0.9571	0.9545	0.9257	0.9076	0.9712
76.7	0.9513	0.8509	0.9222	0.9465	0.9415	0.9072	0.8947	0.9662

76.8	0.9644	0.8361	0.9495	0.9503	0.9438	0.9141	0.8676	0.9723
76.9	0.9472	0.8011	0.9419	0.9314	0.9309	0.8988	0.8576	0.9566
77.0	0.9496	0.8466	0.9339	0.9382	0.9363	0.9099	0.8742	0.9597
77.1	0.9285	0.8102	0.9082	0.9153	0.9153	0.8724	0.8227	0.9445
77.2	0.9475	0.8357	0.9274	0.9310	0.9146	0.8904	0.8335	0.9559
77.3	0.9507	0.8447	0.9368	0.9298	0.9038	0.8908	0.8121	0.9577
77.4	0.9460	0.8417	0.9274	0.9223	0.8942	0.8755	0.8095	0.9511
77.5	0.9583	0.8808	0.9448	0.9402	0.9129	0.9023	0.8426	0.9609
77.6	0.9474	0.8619	0.9321	0.9409	0.9266	0.9159	0.8315	0.9586
77.7	0.9389	0.8384	0.9209	0.9251	0.8819	0.8922	0.7547	0.9499
77.8	0.9262	0.8222	0.8983	0.9059	0.8669	0.8533	0.7000	0.9385
77.9	0.9521	0.8613	0.9237	0.9377	0.8989	0.9045	0.7673	0.9561
78.0	0.9612	0.8559	0.9387	0.9505	0.9149	0.9348	0.7793	0.9641
78.1	0.9467	0.8083	0.9230	0.9355	0.9041	0.9125	0.6933	0.9586
78.2	0.9407	0.8316	0.9129	0.9215	0.8894	0.8856	0.5926	0.9520
78.3	0.9366	0.8394	0.9078	0.9160	0.9038	0.9060	0.6478	0.9459
78.4	0.9177	0.7763	0.8898	0.8823	0.8514	0.8677	0.6124	0.9325
78.5	0.9167	0.8096	0.8821	0.8948	0.8487	0.8578	0.5483	0.9322
78.6	0.9224	0.8340	0.8904	0.9081	0.8548	0.8669	0.5940	0.9285
78.7	0.9346	0.8277	0.9229	0.9220	0.8676	0.8893	0.5455	0.9468
78.8	0.9309	0.8016	0.9189	0.9137	0.8587	0.8786	0.5596	0.9483
78.9	0.9193	0.7914	0.8985	0.8974	0.8730	0.8756	0.6040	0.9294
79.0	0.9202	0.8159	0.8959	0.9020	0.8795	0.8887	0.5956	0.9259
79.1	0.9305	0.8585	0.9249	0.9182	0.8977	0.8854	0.7035	0.9345
79.2	0.9093	0.8538	0.9044	0.9015	0.8882	0.8720	0.7396	0.9200
79.3	0.9192	0.8492	0.9094	0.9094	0.8654	0.8923	0.6671	0.9232
79.4	0.9348	0.8619	0.9269	0.9262	0.8503	0.9137	0.6268	0.9385
79.5	0.9094	0.7839	0.8983	0.8926	0.8167	0.8700	0.5469	0.9225
79.6	0.9298	0.8281	0.9191	0.9150	0.8442	0.8981	0.6040	0.9364
79.7	0.9157	0.8139	0.8957	0.8948	0.8558	0.9057	0.5774	0.9189
79.8	0.9211	0.7973	0.8926	0.8898	0.8326	0.8946	0.5604	0.9281
79.9	0.9234	0.8057	0.9009	0.9044	0.8421	0.9046	0.5260	0.9241
80.0	0.9457	0.8415	0.9262	0.9285	0.9079	0.9270	0.6772	0.9523

1.2.25 Run 7 – VT270 – NF and AF gauges

Vertical shaking at 270°. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.8540	0.9772	0.9203	0.3591	0.6360	0.6282	0.0030	0.4399
0.1	0.9152	0.9918	0.9670	0.0330	0.8594	0.5638	0.0443	0.1331
0.2	0.9942	0.9976	0.9993	0.9209	0.9157	0.9286	0.0937	0.0539
0.3	0.9967	0.9976	0.9996	0.9418	0.9437	0.9477	0.2534	0.0334
0.4	0.9974	0.9981	0.9997	0.9616	0.9573	0.9617	0.3567	0.0386
0.5	0.9975	0.9984	0.9997	0.9681	0.9591	0.9628	0.3398	0.0561
0.6	0.9979	0.9984	0.9997	0.9690	0.9691	0.9624	0.4355	0.0915
0.7	0.9983	0.9986	0.9997	0.9753	0.9813	0.9694	0.4768	0.1777
0.8	0.9978	0.9973	0.9995	0.9685	0.9652	0.9609	0.3792	0.0695
0.9	0.9978	0.9969	0.9990	0.9541	0.9674	0.9714	0.1553	0.0627
1.0	0.9989	0.9988	0.9995	0.9701	0.9854	0.9794	0.3823	0.2075
1.1	0.9989	0.9994	0.9998	0.9839	0.9863	0.9817	0.4140	0.0900
1.2	0.9989	0.9991	0.9999	0.9857	0.9878	0.9830	0.4400	0.1486
1.3	0.9991	0.9992	0.9999	0.9886	0.9896	0.9868	0.4019	0.2130
1.4	0.9987	0.9992	0.9998	0.9841	0.9896	0.9845	0.4320	0.1167
1.5	0.9987	0.9992	0.9998	0.9773	0.9835	0.9754	0.5371	0.1057
1.6	0.9986	0.9990	0.9998	0.9794	0.9835	0.9743	0.6194	0.2197
1.7	0.9976	0.9985	0.9996	0.9736	0.9749	0.9633	0.5784	0.2318
1.8	0.9978	0.9986	0.9991	0.9614	0.9755	0.9508	0.7020	0.2849
1.9	0.9989	0.9990	0.9993	0.9685	0.9872	0.9627	0.8921	0.5731
2.0	0.9991	0.9993	0.9996	0.9781	0.9923	0.9699	0.9365	0.7022
2.1	0.9990	0.9993	0.9996	0.9657	0.9878	0.9463	0.9337	0.7966
2.2	0.9986	0.9988	0.9997	0.9663	0.9673	0.7159	0.8493	0.7856
2.3	0.9888	0.9879	0.9997	0.9684	0.6896	0.0690	0.4534	0.4231
2.4	0.9441	0.9566	0.9998	0.9834	0.3124	0.3552	0.2840	0.2820
2.5	0.9663	0.9811	0.9998	0.9866	0.3567	0.6482	0.4816	0.4765
2.6	0.9976	0.9983	0.9998	0.9870	0.2303	0.9262	0.7110	0.6832
2.7	0.9990	0.9991	0.9998	0.9838	0.7412	0.9863	0.9033	0.8597
2.8	0.9986	0.9988	0.9997	0.9825	0.9016	0.9847	0.8458	0.6722
2.9	0.9981	0.9987	0.9997	0.9779	0.9421	0.9841	0.8251	0.5276
3.0	0.9970	0.9983	0.9996	0.9631	0.9124	0.9793	0.6618	0.3727
3.1	0.9968	0.9979	0.9995	0.9555	0.9098	0.9777	0.4227	0.2510
3.2	0.9968	0.9979	0.9994	0.9474	0.9231	0.9687	0.3767	0.2179
3.3	0.9959	0.9978	0.9995	0.9314	0.9061	0.9671	0.4825	0.1751
3.4	0.9929	0.9966	0.9993	0.8944	0.8919	0.9507	0.2276	0.0758
3.5	0.9887	0.9908	0.9979	0.8499	0.8736	0.8777	0.0726	0.0585
3.6	0.9824	0.9810	0.9955	0.7867	0.8036	0.7117	0.1283	0.0415
3.7	0.9937	0.9950	0.9988	0.9436	0.8835	0.8978	0.4991	0.0454
3.8	0.9987	0.9991	0.9998	0.9906	0.9707	0.9775	0.6736	0.2290
3.9	0.9998	0.9998	1.0000	0.9976	0.9938	0.9965	0.8673	0.5878
4.0	0.9999	0.9999	1.0000	0.9982	0.9973	0.9981	0.8865	0.5269
4.1	0.9998	0.9998	1.0000	0.9981	0.9965	0.9972	0.7993	0.3506
4.2	0.9997	0.9998	1.0000	0.9973	0.9958	0.9955	0.4946	0.1717
4.3	0.9995	0.9996	0.9999	0.9955	0.9925	0.9937	0.0974	0.0121
4.4	0.9991	0.9994	0.9999	0.9921	0.9877	0.9877	0.0577	0.0621
4.5	0.9991	0.9991	0.9998	0.9898	0.9851	0.9820	0.4719	0.1488
4.6	0.9984	0.9986	0.9998	0.9872	0.9807	0.9628	0.6401	0.2067
4.7	0.9966	0.9969	0.9995	0.9651	0.9398	0.8893	0.4866	0.1831
4.8	0.9966	0.9969	0.9995	0.9566	0.9264	0.9392	0.2279	0.1152
4.9	0.9963	0.9963	0.9992	0.9518	0.9288	0.9250	0.1471	0.0022
5.0	0.9982	0.9972	0.9991	0.9717	0.9597	0.9377	0.5002	0.1503
5.1	0.9992	0.9990	0.9998	0.9894	0.9755	0.9701	0.4449	0.1325
5.2	0.9988	0.9986	0.9998	0.9828	0.9461	0.9433	0.1277	0.1299
5.3	0.9955	0.9964	0.9993	0.9488	0.8751	0.7679	0.5108	0.4052
5.4	0.9935	0.9934	0.9991	0.9458	0.9221	0.4590	0.7411	0.6469
5.5	0.9970	0.9974	0.9996	0.9767	0.9528	0.8589	0.8497	0.7040
5.6	0.9992	0.9993	0.9999	0.9902	0.9897	0.9656	0.9607	0.8615
5.7	0.9995	0.9995	0.9999	0.9951	0.9927	0.9682	0.9671	0.9336
5.8	0.9996	0.9996	0.9999	0.9976	0.9896	0.9594	0.9606	0.9456
5.9	0.9998	0.9997	1.0000	0.9981	0.9939	0.9783	0.9744	0.9660
6.0	0.9997	0.9998	1.0000	0.9983	0.9960	0.9831	0.9802	0.9776
6.1	0.9992	0.9998	0.9999	0.9979	0.9915	0.9655	0.9682	0.9619
6.2	0.9993	0.9998	0.9999	0.9975	0.9943	0.9654	0.9824	0.9790
6.3	0.9993	0.9999	0.9999	0.9968	0.9945	0.9674	0.9865	0.9815
6.4	0.9990	0.9998	0.9999	0.9954	0.9942	0.9563	0.9847	0.9814
6.5	0.9983	0.9997	0.9998	0.9867	0.9894	0.9253	0.9764	0.9710
6.6	0.9976	0.9995	0.9997	0.9765	0.9870	0.9298	0.9743	0.9724
6.7	0.9953	0.9991	0.9995	0.9381	0.9793	0.9248	0.9642	0.9651
6.8	0.9929	0.9988	0.9992	0.8340	0.9802	0.9467	0.9699	0.9698
6.9	0.9794	0.9967	0.9975	0.7493	0.9501	0.8989	0.9325	0.9331
7.0	0.9685	0.9945	0.9952	0.8784	0.9426	0.9185	0.9330	0.9339
7.1	0.9495	0.9923	0.9904	0.8954	0.9305	0.9204	0.9263	0.9258
7.2	0.9202	0.9916	0.9811	0.9242	0.9120	0.9211	0.9155	0.9151
7.3	0.9540	0.9967	0.9880	0.9743	0.9598	0.9683	0.9636	0.9628
7.4	0.9046	0.9953	0.9795	0.9678	0.9357	0.9541	0.9443	0.9452
7.5	0.9015	0.9979	0.9899	0.9821	0.9558	0.9728	0.9641	0.9645
7.6	0.9303	0.9992	0.9976	0.9947	0.9795	0.9893	0.9842	0.9834
7.7	0.9496	0.9994	0.9991	0.9980	0.9899	0.9953	0.9924	0.9926
7.8	0.9807	0.9994	0.9996	0.9993	0.9942	0.9972	0.9950	0.9946
7.9	0.9517	0.9992	0.9997	0.9989	0.9922	0.9962	0.9940	0.9942

8.0	0.8563	0.9993	0.9996	0.9987	0.9884	0.9945	0.9910	0.9908
8.1	0.8906	0.9993	0.9997	0.9995	0.9936	0.9970	0.9954	0.9949
8.2	0.7367	0.9994	0.9998	0.9993	0.9936	0.9971	0.9954	0.9951
8.3	0.1861	0.9993	0.9997	0.9992	0.9940	0.9972	0.9952	0.9944
8.4	0.3095	0.9994	0.9998	0.9993	0.9948	0.9973	0.9957	0.9950
8.5	0.7291	0.9993	0.9998	0.9995	0.9941	0.9973	0.9955	0.9951
8.6	0.8498	0.9989	0.9998	0.9995	0.9937	0.9969	0.9950	0.9945
8.7	0.8916	0.9983	0.9998	0.9995	0.9932	0.9964	0.9943	0.9938
8.8	0.9016	0.9970	0.9997	0.9993	0.9897	0.9943	0.9921	0.9913
8.9	0.9404	0.9964	0.9997	0.9992	0.9876	0.9933	0.9899	0.9899
9.0	0.9217	0.9931	0.9997	0.9985	0.9783	0.9870	0.9827	0.9831
9.1	0.9674	0.9956	0.9997	0.9988	0.9871	0.9921	0.9892	0.9892
9.2	0.9068	0.9804	0.9992	0.9967	0.9524	0.9668	0.9583	0.9593
9.3	0.9153	0.9639	0.9991	0.9924	0.9373	0.9491	0.9427	0.9422
9.4	0.9339	0.9482	0.9991	0.9901	0.9303	0.9360	0.9325	0.9331
9.5	0.9554	0.9266	0.9991	0.9933	0.9336	0.9268	0.9308	0.9305
9.6	0.9808	0.9460	0.9994	0.9978	0.9627	0.9520	0.9594	0.9576
9.7	0.9890	0.9401	0.9996	0.9986	0.9709	0.9563	0.9671	0.9631
9.8	0.9954	0.9575	0.9998	0.9993	0.9852	0.9709	0.9807	0.9781
9.9	0.9972	0.9680	0.9998	0.9995	0.9877	0.9719	0.9841	0.9822
10.0	0.9987	0.9863	0.9998	0.9995	0.9928	0.9803	0.9897	0.9874
10.1	0.9988	0.9906	0.9998	0.9996	0.9935	0.9777	0.9896	0.9861
10.2	0.9989	0.9954	0.9998	0.9996	0.9946	0.9787	0.9901	0.9868
10.3	0.9990	0.9977	0.9998	0.9994	0.9968	0.9864	0.9944	0.9875
10.4	0.9984	0.9968	0.9998	0.9991	0.9960	0.9818	0.9920	0.9817
10.5	0.9991	0.9976	0.9999	0.9994	0.9974	0.9882	0.9953	0.9881
10.6	0.9990	0.9956	0.9998	0.9992	0.9945	0.9680	0.9909	0.9803
10.7	0.9991	0.9974	0.9998	0.9995	0.9958	0.9624	0.9911	0.9830
10.8	0.9990	0.9957	0.9998	0.9993	0.9948	0.9580	0.9848	0.9660
10.9	0.9989	0.9974	0.9997	0.9993	0.9936	0.9547	0.9846	0.9514
11.0	0.9992	0.9985	0.9998	0.9996	0.9962	0.9698	0.9888	0.9648
11.1	0.9992	0.9986	0.9999	0.9996	0.9961	0.9772	0.9910	0.9583
11.2	0.9987	0.9981	0.9997	0.9992	0.9933	0.9711	0.9816	0.9215
11.3	0.9986	0.9982	0.9997	0.9992	0.9922	0.9789	0.9785	0.9256
11.4	0.9987	0.9986	0.9997	0.9993	0.9940	0.9779	0.9805	0.9424
11.5	0.9989	0.9986	0.9998	0.9994	0.9950	0.9782	0.9794	0.9256
11.6	0.9986	0.9985	0.9997	0.9993	0.9897	0.9794	0.9617	0.8744
11.7	0.9986	0.9987	0.9997	0.9992	0.9878	0.9858	0.9551	0.8637
11.8	0.9982	0.9982	0.9996	0.9991	0.9835	0.9834	0.9431	0.8473
11.9	0.9980	0.9985	0.9996	0.9991	0.9846	0.9856	0.9325	0.8955
12.0	0.9981	0.9986	0.9996	0.9991	0.9835	0.9874	0.9241	0.8820
12.1	0.9981	0.9987	0.9996	0.9991	0.9817	0.9874	0.9194	0.9118
12.2	0.9982	0.9986	0.9996	0.9992	0.9833	0.9908	0.8989	0.9587
12.3	0.9981	0.9984	0.9996	0.9990	0.9777	0.9923	0.8905	0.9552
12.4	0.9978	0.9986	0.9996	0.9990	0.9809	0.9904	0.9027	0.9590
12.5	0.9985	0.9991	0.9998	0.9993	0.9872	0.9916	0.9065	0.9691
12.6	0.9983	0.9988	0.9996	0.9991	0.9836	0.9918	0.8913	0.9679
12.7	0.9979	0.9980	0.9996	0.9991	0.9801	0.9862	0.7875	0.9674
12.8	0.9976	0.9975	0.9995	0.9988	0.9765	0.9859	0.7947	0.9742
12.9	0.9973	0.9979	0.9996	0.9992	0.9715	0.9840	0.7133	0.9695
13.0	0.9975	0.9974	0.9996	0.9992	0.9757	0.9833	0.6690	0.9747
13.1	0.9976	0.9970	0.9996	0.9993	0.9698	0.9833	0.5619	0.9718
13.2	0.9960	0.9960	0.9993	0.9985	0.9507	0.9726	0.4077	0.9554
13.3	0.9964	0.9967	0.9994	0.9987	0.9669	0.9778	0.2973	0.9604
13.4	0.9971	0.9964	0.9996	0.9992	0.9688	0.9720	0.1169	0.9624
13.5	0.9962	0.9943	0.9992	0.9984	0.9552	0.9569	0.0325	0.9402
13.6	0.9961	0.9939	0.9988	0.9976	0.9565	0.9533	0.0569	0.9287
13.7	0.9962	0.9938	0.9989	0.9979	0.9657	0.9544	0.2936	0.9444
13.8	0.9964	0.9947	0.9992	0.9985	0.9742	0.9470	0.5115	0.9425
13.9	0.9960	0.9924	0.9991	0.9984	0.9715	0.9393	0.6232	0.9235
14.0	0.9946	0.9887	0.9986	0.9978	0.9610	0.9073	0.6728	0.8899
14.1	0.9936	0.9907	0.9985	0.9974	0.9663	0.9056	0.7934	0.9036
14.2	0.9924	0.9873	0.9981	0.9970	0.9563	0.8757	0.7928	0.8762
14.3	0.9910	0.9833	0.9977	0.9965	0.9475	0.8412	0.8053	0.8520
14.4	0.9907	0.9827	0.9978	0.9966	0.9496	0.8453	0.8700	0.8453
14.5	0.9907	0.9787	0.9976	0.9964	0.9513	0.8256	0.8847	0.8402
14.6	0.9905	0.9740	0.9969	0.9953	0.9490	0.8123	0.9058	0.7813
14.7	0.9874	0.9733	0.9963	0.9949	0.9210	0.8404	0.9196	0.5884
14.8	0.9861	0.9762	0.9974	0.9964	0.9138	0.9011	0.9425	0.4387
14.9	0.9863	0.9810	0.9978	0.9971	0.9065	0.9298	0.9157	0.0607
15.0	0.9883	0.9900	0.9970	0.9962	0.9338	0.9634	0.9540	0.0230
15.1	0.9860	0.9868	0.9955	0.9942	0.9079	0.9612	0.9729	0.2417
15.2	0.9835	0.9844	0.9947	0.9933	0.8616	0.9624	0.9674	0.1833
15.3	0.9794	0.9751	0.9924	0.9908	0.7618	0.9543	0.9664	0.1309
15.4	0.9748	0.9471	0.9901	0.9885	0.6388	0.9078	0.9352	0.4275
15.5	0.9428	0.8522	0.9761	0.9732	0.6718	0.7074	0.8382	0.5067
15.6	0.9646	0.9177	0.9801	0.9783	0.8944	0.1902	0.8809	0.8383
15.7	0.9269	0.8811	0.9653	0.9630	0.8449	0.2446	0.8324	0.7958
15.8	0.9151	0.9301	0.9591	0.9581	0.8875	0.7704	0.9041	0.8477
15.9	0.9379	0.9649	0.9690	0.9693	0.9401	0.9217	0.9545	0.9233
16.0	0.9398	0.9761	0.9705	0.9715	0.9547	0.9535	0.9687	0.9433
16.1	0.9641	0.9884	0.9818	0.9830	0.9766	0.9782	0.9849	0.9727
16.2	0.9782	0.9941	0.9886	0.9897	0.9877	0.9871	0.9912	0.9846
16.3	0.9641	0.9905	0.9872	0.9887	0.9795	0.9786	0.9851	0.9758
16.4	0.9594	0.9886	0.9886	0.9903	0.9759	0.9753	0.9821	0.9701
16.5	0.9593	0.9863	0.9944	0.9954	0.9745	0.9744	0.9803	0.9689

16.6	0.9505	0.9796	0.9973	0.9979	0.9651	0.9652	0.9711	0.9590
16.7	0.9266	0.9637	0.9968	0.9975	0.9435	0.9449	0.9515	0.9378
16.8	0.9407	0.9638	0.9908	0.9925	0.9512	0.9533	0.9573	0.9491
16.9	0.9379	0.9567	0.9892	0.9913	0.9469	0.9498	0.9540	0.9444
17.0	0.9532	0.9622	0.9942	0.9951	0.9581	0.9591	0.9628	0.9562
17.1	0.9463	0.9503	0.9897	0.9912	0.9515	0.9510	0.9562	0.9510
17.2	0.9340	0.9221	0.9877	0.9902	0.9330	0.9314	0.9372	0.9331
17.3	0.9531	0.9249	0.9946	0.9959	0.9462	0.9438	0.9476	0.9472
17.4	0.9806	0.9586	0.9985	0.9988	0.9746	0.9729	0.9752	0.9740
17.5	0.9877	0.9708	0.9982	0.9988	0.9838	0.9822	0.9841	0.9827
17.6	0.9833	0.9466	0.9970	0.9978	0.9777	0.9738	0.9768	0.9765
17.7	0.9853	0.9396	0.9982	0.9987	0.9796	0.9744	0.9780	0.9807
17.8	0.9903	0.9425	0.9993	0.9995	0.9857	0.9816	0.9843	0.9866
17.9	0.9926	0.9447	0.9992	0.9995	0.9874	0.9841	0.9866	0.9878
18.0	0.9924	0.9371	0.9989	0.9994	0.9868	0.9833	0.9860	0.9867
18.1	0.9925	0.9202	0.9988	0.9993	0.9864	0.9822	0.9857	0.9862
18.2	0.9912	0.8765	0.9987	0.9992	0.9800	0.9710	0.9766	0.9801
18.3	0.9937	0.9088	0.9988	0.9994	0.9851	0.9782	0.9819	0.9836
18.4	0.9946	0.9380	0.9985	0.9993	0.9887	0.9804	0.9860	0.9879
18.5	0.9905	0.9489	0.9972	0.9992	0.9896	0.9822	0.9888	0.9878
18.6	0.9853	0.9376	0.9977	0.9994	0.9869	0.9753	0.9856	0.9858
18.7	0.9915	0.9254	0.9985	0.9994	0.9888	0.9811	0.9859	0.9881
18.8	0.9971	0.9423	0.9992	0.9995	0.9928	0.9883	0.9901	0.9915
18.9	0.9976	0.9505	0.9992	0.9995	0.9938	0.9901	0.9907	0.9926
19.0	0.9952	0.8976	0.9981	0.9989	0.9897	0.9823	0.9800	0.9897
19.1	0.9970	0.9308	0.9985	0.9992	0.9918	0.9854	0.9858	0.9901
19.2	0.9972	0.9343	0.9988	0.9994	0.9898	0.9830	0.9816	0.9876
19.3	0.9980	0.9597	0.9991	0.9994	0.9929	0.9860	0.9830	0.9911
19.4	0.9985	0.9731	0.9992	0.9995	0.9941	0.9898	0.9865	0.9916
19.5	0.9977	0.9739	0.9990	0.9994	0.9925	0.9863	0.9820	0.9897
19.6	0.9978	0.9755	0.9991	0.9995	0.9942	0.9851	0.9772	0.9927
19.7	0.9980	0.9799	0.9990	0.9995	0.9938	0.9822	0.9707	0.9932
19.8	0.9977	0.9847	0.9991	0.9996	0.9934	0.9841	0.9642	0.9932
19.9	0.9980	0.9861	0.9990	0.9996	0.9932	0.9825	0.9582	0.9944
20.0	0.9978	0.9818	0.9990	0.9995	0.9922	0.9782	0.9492	0.9928
20.1	0.9978	0.9850	0.9991	0.9996	0.9925	0.9797	0.9489	0.9917
20.2	0.9975	0.9880	0.9993	0.9996	0.9929	0.9810	0.9631	0.9916
20.3	0.9975	0.9888	0.9991	0.9996	0.9929	0.9804	0.9654	0.9911
20.4	0.9975	0.9903	0.9991	0.9996	0.9934	0.9817	0.9697	0.9924
20.5	0.9976	0.9906	0.9992	0.9996	0.9942	0.9858	0.9742	0.9925
20.6	0.9982	0.9938	0.9994	0.9997	0.9934	0.9877	0.9804	0.9923
20.7	0.9985	0.9931	0.9993	0.9997	0.9933	0.9839	0.9817	0.9920
20.8	0.9982	0.9910	0.9993	0.9997	0.9939	0.9806	0.9824	0.9874
20.9	0.9979	0.9918	0.9991	0.9997	0.9934	0.9819	0.9844	0.9875
21.0	0.9982	0.9931	0.9992	0.9996	0.9926	0.9808	0.9847	0.9883
21.1	0.9982	0.9931	0.9992	0.9996	0.9927	0.9776	0.9826	0.9870
21.2	0.9979	0.9933	0.9991	0.9996	0.9930	0.9803	0.9892	0.9795
21.3	0.9981	0.9931	0.9992	0.9996	0.9944	0.9801	0.9901	0.9764
21.4	0.9970	0.9926	0.9990	0.9994	0.9944	0.9761	0.9880	0.9770
21.5	0.9980	0.9939	0.9993	0.9996	0.9942	0.9800	0.9911	0.9755
21.6	0.9980	0.9940	0.9993	0.9997	0.9930	0.9816	0.9916	0.9772
21.7	0.9974	0.9922	0.9990	0.9996	0.9907	0.9749	0.9903	0.9703
21.8	0.9973	0.9909	0.9990	0.9995	0.9894	0.9736	0.9885	0.9630
21.9	0.9979	0.9905	0.9988	0.9996	0.9913	0.9705	0.9884	0.9604
22.0	0.9982	0.9923	0.9993	0.9998	0.9925	0.9763	0.9929	0.9702
22.1	0.9981	0.9933	0.9992	0.9997	0.9928	0.9809	0.9949	0.9648
22.2	0.9985	0.9942	0.9993	0.9997	0.9922	0.9783	0.9941	0.9668
22.3	0.9982	0.9932	0.9988	0.9997	0.9924	0.9771	0.9902	0.9726
22.4	0.9979	0.9921	0.9984	0.9996	0.9940	0.9672	0.9905	0.9834
22.5	0.9978	0.9936	0.9983	0.9996	0.9954	0.9702	0.9926	0.9814
22.6	0.9969	0.9898	0.9980	0.9995	0.9918	0.9627	0.9883	0.9779
22.7	0.9981	0.9914	0.9987	0.9997	0.9941	0.9696	0.9925	0.9872
22.8	0.9979	0.9908	0.9980	0.9997	0.9941	0.9529	0.9927	0.9854
22.9	0.9978	0.9921	0.9975	0.9996	0.9947	0.9426	0.9912	0.9828
23.0	0.9983	0.9920	0.9979	0.9996	0.9955	0.9548	0.9927	0.9787
23.1	0.9978	0.9896	0.9977	0.9994	0.9943	0.9611	0.9935	0.9773
23.2	0.9983	0.9919	0.9981	0.9995	0.9947	0.9518	0.9940	0.9800
23.3	0.9983	0.9947	0.9987	0.9997	0.9954	0.9597	0.9950	0.9834
23.4	0.9976	0.9913	0.9984	0.9997	0.9943	0.9438	0.9944	0.9771
23.5	0.9978	0.9908	0.9981	0.9996	0.9951	0.9508	0.9926	0.9700
23.6	0.9983	0.9934	0.9987	0.9997	0.9955	0.9688	0.9938	0.9732
23.7	0.9985	0.9941	0.9986	0.9997	0.9949	0.9665	0.9961	0.9738
23.8	0.9988	0.9958	0.9988	0.9997	0.9962	0.9682	0.9970	0.9753
23.9	0.9985	0.9958	0.9985	0.9997	0.9958	0.9649	0.9952	0.9748
24.0	0.9983	0.9934	0.9981	0.9996	0.9944	0.9603	0.9943	0.9748
24.1	0.9986	0.9925	0.9982	0.9996	0.9939	0.9517	0.9939	0.9630
24.2	0.9987	0.9947	0.9985	0.9996	0.9937	0.9682	0.9964	0.9648
24.3	0.9988	0.9966	0.9985	0.9997	0.9959	0.9765	0.9967	0.9759
24.4	0.9982	0.9956	0.9981	0.9996	0.9936	0.9682	0.9940	0.9739
24.5	0.9984	0.9940	0.9983	0.9996	0.9920	0.9619	0.9936	0.9621
24.6	0.9985	0.9943	0.9986	0.9996	0.9926	0.9666	0.9943	0.9632
24.7	0.9988	0.9958	0.9990	0.9997	0.9947	0.9791	0.9965	0.9784
24.8	0.9985	0.9952	0.9984	0.9996	0.9935	0.9640	0.9946	0.9784
24.9	0.9986	0.9944	0.9981	0.9996	0.9944	0.9664	0.9944	0.9793
25.0	0.9987	0.9954	0.9986	0.9998	0.9951	0.9765	0.9958	0.9853
25.1	0.9986	0.9957	0.9989	0.9998	0.9946	0.9797	0.9960	0.9830

25.2	0.9984	0.9950	0.9985	0.9997	0.9930	0.9753	0.9943	0.9791
25.3	0.9982	0.9947	0.9981	0.9996	0.9941	0.9806	0.9942	0.9840
25.4	0.9988	0.9962	0.9987	0.9997	0.9961	0.9836	0.9959	0.9844
25.5	0.9986	0.9957	0.9987	0.9996	0.9949	0.9835	0.9964	0.9843
25.6	0.9986	0.9935	0.9978	0.9995	0.9938	0.9827	0.9961	0.9835
25.7	0.9986	0.9924	0.9978	0.9993	0.9911	0.9771	0.9926	0.9839
25.8	0.9987	0.9929	0.9979	0.9995	0.9935	0.9858	0.9946	0.9872
25.9	0.9988	0.9922	0.9980	0.9995	0.9944	0.9851	0.9952	0.9900
26.0	0.9989	0.9926	0.9976	0.9995	0.9945	0.9834	0.9960	0.9882
26.1	0.9985	0.9924	0.9971	0.9993	0.9945	0.9839	0.9954	0.9874
26.2	0.9987	0.9913	0.9977	0.9995	0.9957	0.9831	0.9965	0.9891
26.3	0.9988	0.9913	0.9977	0.9995	0.9965	0.9882	0.9971	0.9926
26.4	0.9985	0.9912	0.9979	0.9995	0.9964	0.9881	0.9977	0.9907
26.5	0.9986	0.9887	0.9975	0.9995	0.9955	0.9821	0.9969	0.9857
26.6	0.9988	0.9898	0.9976	0.9996	0.9964	0.9839	0.9973	0.9876
26.7	0.9988	0.9910	0.9979	0.9996	0.9971	0.9889	0.9981	0.9904
26.8	0.9986	0.9890	0.9980	0.9997	0.9971	0.9859	0.9972	0.9887
26.9	0.9983	0.9786	0.9974	0.9996	0.9968	0.9799	0.9966	0.9813
27.0	0.9984	0.9689	0.9972	0.9995	0.9960	0.9829	0.9970	0.9831
27.1	0.9986	0.9695	0.9968	0.9995	0.9968	0.9859	0.9974	0.9836
27.2	0.9990	0.9695	0.9963	0.9994	0.9975	0.9895	0.9974	0.9808
27.3	0.9981	0.9573	0.9945	0.9993	0.9966	0.9838	0.9963	0.9640
27.4	0.9983	0.9564	0.9941	0.9992	0.9969	0.9872	0.9970	0.9663
27.5	0.9989	0.9480	0.9935	0.9991	0.9964	0.9856	0.9974	0.9563
27.6	0.9982	0.9062	0.9907	0.9989	0.9958	0.9840	0.9970	0.9463
27.7	0.9982	0.8543	0.9899	0.9990	0.9962	0.9868	0.9968	0.9695
27.8	0.9989	0.8571	0.9883	0.9991	0.9969	0.9887	0.9974	0.9745
27.9	0.9991	0.8576	0.9865	0.9991	0.9974	0.9907	0.9977	0.9790
28.0	0.9989	0.8252	0.9841	0.9993	0.9977	0.9925	0.9982	0.9817
28.1	0.9985	0.5476	0.9764	0.9992	0.9966	0.9910	0.9982	0.9785
28.2	0.9982	0.1035	0.9779	0.9989	0.9965	0.9886	0.9976	0.9806
28.3	0.9988	0.6937	0.9788	0.9987	0.9971	0.9904	0.9975	0.9896
28.4	0.9990	0.9138	0.9759	0.9992	0.9980	0.9940	0.9980	0.9919
28.5	0.9987	0.9458	0.9733	0.9992	0.9978	0.9927	0.9977	0.9917
28.6	0.9981	0.9493	0.9667	0.9991	0.9963	0.9899	0.9968	0.9871
28.7	0.9989	0.9650	0.9757	0.9993	0.9981	0.9943	0.9977	0.9906
28.8	0.9990	0.9629	0.9765	0.9993	0.9980	0.9944	0.9978	0.9936
28.9	0.9989	0.9666	0.9756	0.9993	0.9975	0.9957	0.9980	0.9937
29.0	0.9982	0.9639	0.9675	0.9993	0.9964	0.9940	0.9967	0.9909
29.1	0.9982	0.9565	0.9797	0.9993	0.9972	0.9935	0.9972	0.9909
29.2	0.9986	0.9710	0.9866	0.9995	0.9973	0.9936	0.9976	0.9926
29.3	0.9988	0.9784	0.9856	0.9994	0.9971	0.9941	0.9972	0.9934
29.4	0.9983	0.9791	0.9772	0.9993	0.9959	0.9922	0.9960	0.9897
29.5	0.9977	0.9771	0.9771	0.9991	0.9949	0.9901	0.9950	0.9872
29.6	0.9977	0.9805	0.9843	0.9994	0.9957	0.9929	0.9968	0.9894
29.7	0.9973	0.9844	0.9861	0.9993	0.9954	0.9914	0.9959	0.9878
29.8	0.9977	0.9903	0.9913	0.9993	0.9949	0.9915	0.9953	0.9867
29.9	0.9957	0.9775	0.9845	0.9990	0.9927	0.9894	0.9935	0.9831
30.0	0.9955	0.9816	0.9828	0.9990	0.9925	0.9874	0.9928	0.9781
30.1	0.9966	0.9921	0.9890	0.9992	0.9941	0.9894	0.9931	0.9832
30.2	0.9950	0.9902	0.9912	0.9990	0.9879	0.9830	0.9893	0.9720
30.3	0.9956	0.9927	0.9915	0.9990	0.9892	0.9829	0.9894	0.9744
30.4	0.9971	0.9950	0.9932	0.9994	0.9937	0.9887	0.9938	0.9793
30.5	0.9972	0.9944	0.9927	0.9994	0.9921	0.9874	0.9939	0.9726
30.6	0.9955	0.9908	0.9893	0.9993	0.9885	0.9825	0.9904	0.9667
30.7	0.9950	0.9926	0.9929	0.9993	0.9855	0.9768	0.9894	0.9517
30.8	0.9946	0.9925	0.9940	0.9991	0.9829	0.9708	0.9882	0.9327
30.9	0.9940	0.9923	0.9935	0.9989	0.9840	0.9704	0.9891	0.9208
31.0	0.9938	0.9932	0.9929	0.9990	0.9836	0.9700	0.9893	0.9119
31.1	0.9928	0.9908	0.9896	0.9988	0.9775	0.9624	0.9863	0.8737
31.2	0.9939	0.9921	0.9899	0.9988	0.9769	0.9639	0.9877	0.8010
31.3	0.9961	0.9935	0.9915	0.9990	0.9786	0.9644	0.9911	0.7322
31.4	0.9956	0.9913	0.9912	0.9987	0.9763	0.9573	0.9879	0.5510
31.5	0.9956	0.9917	0.9925	0.9990	0.9730	0.9509	0.9910	0.3722
31.6	0.9960	0.9930	0.9932	0.9991	0.9728	0.9530	0.9907	0.2695
31.7	0.9953	0.9935	0.9926	0.9986	0.9736	0.9541	0.9863	0.3222
31.8	0.9957	0.9926	0.9916	0.9984	0.9714	0.9502	0.9883	0.3721
31.9	0.9944	0.9889	0.9869	0.9979	0.9570	0.9315	0.9846	0.4680
32.0	0.9927	0.9901	0.9902	0.9981	0.9571	0.9241	0.9800	0.7452
32.1	0.9950	0.9919	0.9893	0.9982	0.9624	0.9365	0.9809	0.7402
32.2	0.9930	0.9874	0.9835	0.9974	0.9508	0.9262	0.9736	0.7655
32.3	0.9948	0.9901	0.9870	0.9980	0.9548	0.9312	0.9740	0.8628
32.4	0.9954	0.9942	0.9893	0.9981	0.9658	0.9508	0.9765	0.8967
32.5	0.9936	0.9937	0.9885	0.9979	0.9673	0.9568	0.9700	0.9018
32.6	0.9926	0.9910	0.9900	0.9982	0.9614	0.9470	0.9697	0.8915
32.7	0.9931	0.9895	0.9891	0.9979	0.9620	0.9454	0.9683	0.9149
32.8	0.9916	0.9876	0.9859	0.9974	0.9558	0.9346	0.9605	0.9181
32.9	0.9934	0.9907	0.9904	0.9978	0.9659	0.9459	0.9675	0.9439
33.0	0.9956	0.9919	0.9933	0.9983	0.9758	0.9617	0.9746	0.9551
33.1	0.9950	0.9891	0.9899	0.9982	0.9744	0.9616	0.9692	0.9623
33.2	0.9959	0.9916	0.9918	0.9986	0.9853	0.9784	0.9752	0.9729
33.3	0.9959	0.9889	0.9892	0.9983	0.9877	0.9810	0.9685	0.9779
33.4	0.9967	0.9932	0.9917	0.9986	0.9879	0.9827	0.9757	0.9811
33.5	0.9960	0.9923	0.9895	0.9987	0.9850	0.9819	0.9794	0.9757
33.6	0.9930	0.9881	0.9844	0.9983	0.9740	0.9694	0.9715	0.9648
33.7	0.9934	0.9897	0.9881	0.9981	0.9796	0.9772	0.9785	0.9698

33.8	0.9944	0.9923	0.9893	0.9977	0.9800	0.9795	0.9783	0.9725
33.9	0.9944	0.9931	0.9889	0.9976	0.9816	0.9801	0.9799	0.9740
34.0	0.9945	0.9921	0.9885	0.9979	0.9831	0.9821	0.9792	0.9758
34.1	0.9950	0.9924	0.9910	0.9984	0.9849	0.9823	0.9776	0.9786
34.2	0.9935	0.9928	0.9880	0.9975	0.9803	0.9778	0.9720	0.9794
34.3	0.9917	0.9914	0.9800	0.9960	0.9763	0.9745	0.9685	0.9771
34.4	0.9942	0.9920	0.9860	0.9970	0.9845	0.9831	0.9789	0.9834
34.5	0.9939	0.9905	0.9912	0.9973	0.9850	0.9805	0.9766	0.9817
34.6	0.9951	0.9900	0.9915	0.9974	0.9874	0.9826	0.9798	0.9842
34.7	0.9951	0.9904	0.9888	0.9963	0.9886	0.9841	0.9808	0.9866
34.8	0.9958	0.9919	0.9922	0.9976	0.9913	0.9882	0.9849	0.9895
34.9	0.9970	0.9940	0.9913	0.9978	0.9938	0.9913	0.9920	0.9917
35.0	0.9972	0.9939	0.9933	0.9987	0.9941	0.9911	0.9915	0.9929
35.1	0.9952	0.9919	0.9896	0.9969	0.9904	0.9858	0.9843	0.9904
35.2	0.9944	0.9925	0.9852	0.9968	0.9891	0.9843	0.9834	0.9908
35.3	0.9947	0.9929	0.9822	0.9971	0.9896	0.9852	0.9855	0.9886
35.4	0.9955	0.9938	0.9836	0.9977	0.9888	0.9855	0.9851	0.9885
35.5	0.9948	0.9923	0.9835	0.9974	0.9871	0.9833	0.9834	0.9856
35.6	0.9935	0.9913	0.9826	0.9977	0.9855	0.9826	0.9824	0.9851
35.7	0.9942	0.9929	0.9837	0.9975	0.9873	0.9851	0.9855	0.9866
35.8	0.9958	0.9941	0.9859	0.9982	0.9891	0.9874	0.9891	0.9881
35.9	0.9908	0.9897	0.9773	0.9962	0.9813	0.9780	0.9796	0.9794
36.0	0.9944	0.9934	0.9872	0.9971	0.9903	0.9887	0.9894	0.9893
36.1	0.9959	0.9947	0.9882	0.9975	0.9907	0.9888	0.9902	0.9890
36.2	0.9949	0.9943	0.9861	0.9967	0.9907	0.9894	0.9908	0.9897
36.3	0.9942	0.9938	0.9835	0.9960	0.9905	0.9899	0.9898	0.9913
36.4	0.9943	0.9944	0.9845	0.9956	0.9920	0.9915	0.9903	0.9917
36.5	0.9942	0.9965	0.9851	0.9960	0.9915	0.9911	0.9895	0.9922
36.6	0.9951	0.9968	0.9862	0.9968	0.9937	0.9930	0.9914	0.9940
36.7	0.9958	0.9971	0.9875	0.9975	0.9953	0.9946	0.9924	0.9958
36.8	0.9946	0.9970	0.9830	0.9969	0.9945	0.9944	0.9913	0.9951
36.9	0.9933	0.9960	0.9810	0.9965	0.9928	0.9928	0.9876	0.9950
37.0	0.9936	0.9965	0.9821	0.9966	0.9923	0.9924	0.9884	0.9928
37.1	0.9944	0.9972	0.9762	0.9967	0.9932	0.9936	0.9882	0.9939
37.2	0.9936	0.9967	0.9712	0.9973	0.9943	0.9947	0.9857	0.9952
37.3	0.9937	0.9962	0.9698	0.9969	0.9926	0.9934	0.9824	0.9937
37.4	0.9946	0.9964	0.9756	0.9978	0.9930	0.9934	0.9826	0.9940
37.5	0.9951	0.9963	0.9751	0.9978	0.9922	0.9924	0.9782	0.9917
37.6	0.9949	0.9974	0.9799	0.9982	0.9934	0.9934	0.9767	0.9940
37.7	0.9947	0.9975	0.9786	0.9976	0.9930	0.9934	0.9719	0.9943
37.8	0.9926	0.9966	0.9753	0.9974	0.9915	0.9921	0.9476	0.9911
37.9	0.9889	0.9959	0.9602	0.9964	0.9895	0.9900	0.9402	0.9899
38.0	0.9881	0.9973	0.9557	0.9959	0.9938	0.9937	0.9287	0.9938
38.1	0.9877	0.9959	0.9643	0.9966	0.9920	0.9922	0.9236	0.9930
38.2	0.9896	0.9969	0.9689	0.9976	0.9936	0.9940	0.9040	0.9951
38.3	0.9902	0.9970	0.9754	0.9974	0.9936	0.9941	0.9050	0.9960
38.4	0.9918	0.9970	0.9799	0.9975	0.9925	0.9936	0.9278	0.9961
38.5	0.9919	0.9969	0.9810	0.9974	0.9916	0.9929	0.9547	0.9950
38.6	0.9915	0.9975	0.9830	0.9976	0.9932	0.9944	0.9607	0.9963
38.7	0.9832	0.9962	0.9736	0.9967	0.9891	0.9906	0.9451	0.9946
38.8	0.9836	0.9957	0.9663	0.9970	0.9875	0.9894	0.9498	0.9939
38.9	0.9896	0.9975	0.9771	0.9971	0.9924	0.9935	0.9758	0.9949
39.0	0.9875	0.9978	0.9816	0.9973	0.9928	0.9940	0.9792	0.9959
39.1	0.9839	0.9970	0.9784	0.9973	0.9908	0.9920	0.9754	0.9955
39.2	0.9839	0.9971	0.9797	0.9967	0.9924	0.9934	0.9814	0.9956
39.3	0.9785	0.9970	0.9813	0.9969	0.9927	0.9938	0.9827	0.9957
39.4	0.9679	0.9969	0.9831	0.9965	0.9910	0.9923	0.9808	0.9945
39.5	0.9678	0.9964	0.9849	0.9970	0.9909	0.9923	0.9844	0.9937
39.6	0.9578	0.9954	0.9792	0.9973	0.9884	0.9900	0.9791	0.9927
39.7	0.9588	0.9963	0.9737	0.9969	0.9895	0.9909	0.9821	0.9933
39.8	0.9488	0.9969	0.9772	0.9960	0.9901	0.9909	0.9817	0.9936
39.9	0.9085	0.9962	0.9769	0.9956	0.9889	0.9902	0.9799	0.9939
40.0	0.8634	0.9950	0.9737	0.9955	0.9852	0.9868	0.9761	0.9918
40.1	0.8176	0.9953	0.9730	0.9955	0.9867	0.9879	0.9771	0.9930
40.2	0.8072	0.9957	0.9799	0.9965	0.9876	0.9893	0.9794	0.9938
40.3	0.7605	0.9958	0.9789	0.9965	0.9878	0.9895	0.9807	0.9942
40.4	0.6574	0.9955	0.9797	0.9965	0.9876	0.9886	0.9800	0.9935
40.5	0.5875	0.9942	0.9745	0.9963	0.9863	0.9868	0.9771	0.9923
40.6	0.5204	0.9930	0.9571	0.9949	0.9811	0.9822	0.9677	0.9900
40.7	0.6190	0.9918	0.9532	0.9932	0.9810	0.9824	0.9688	0.9904
40.8	0.6432	0.9901	0.9527	0.9935	0.9771	0.9791	0.9623	0.9885
40.9	0.7212	0.9902	0.9629	0.9954	0.9793	0.9822	0.9668	0.9894
41.0	0.7967	0.9905	0.9664	0.9958	0.9781	0.9803	0.9634	0.9895
41.1	0.8356	0.9905	0.9517	0.9942	0.9795	0.9811	0.9637	0.9909
41.2	0.8346	0.9870	0.9375	0.9944	0.9725	0.9745	0.9537	0.9879
41.3	0.8886	0.9844	0.9306	0.9933	0.9671	0.9699	0.9471	0.9846
41.4	0.8836	0.9820	0.9213	0.9911	0.9640	0.9664	0.9417	0.9823
41.5	0.8862	0.9780	0.9211	0.9915	0.9579	0.9619	0.9343	0.9797
41.6	0.8869	0.9635	0.8749	0.9884	0.9349	0.9397	0.9018	0.9655
41.7	0.9012	0.9732	0.8957	0.9885	0.9439	0.9490	0.9147	0.9718
41.8	0.9230	0.9764	0.9031	0.9874	0.9434	0.9508	0.9125	0.9748
41.9	0.9456	0.9803	0.9275	0.9909	0.9559	0.9624	0.9316	0.9815
42.0	0.9395	0.9754	0.9080	0.9887	0.9540	0.9607	0.9231	0.9803
42.1	0.9207	0.9603	0.8310	0.9815	0.9211	0.9337	0.8638	0.9698
42.2	0.9328	0.9689	0.8310	0.9860	0.9348	0.9449	0.8817	0.9761
42.3	0.9461	0.9721	0.8292	0.9883	0.9345	0.9451	0.8631	0.9790

42.4	0.9421	0.9705	0.8697	0.9917	0.9338	0.9435	0.8726	0.9770
42.5	0.9393	0.9671	0.8758	0.9928	0.9271	0.9369	0.8749	0.9674
42.6	0.9490	0.9687	0.8880	0.9909	0.9302	0.9397	0.8802	0.9676
42.7	0.9484	0.9603	0.8922	0.9904	0.9165	0.9296	0.8720	0.9557
42.8	0.9463	0.9511	0.8300	0.9867	0.8840	0.9016	0.8236	0.9357
42.9	0.9477	0.9386	0.8063	0.9861	0.8699	0.8895	0.8123	0.9228
43.0	0.9477	0.9518	0.8482	0.9915	0.9017	0.9166	0.8381	0.9484
43.1	0.9427	0.9527	0.8530	0.9900	0.8945	0.9110	0.8416	0.9415
43.2	0.9631	0.9621	0.8884	0.9915	0.9137	0.9279	0.8800	0.9482
43.3	0.9710	0.9644	0.9165	0.9902	0.9281	0.9358	0.9004	0.9507
43.4	0.9725	0.9706	0.9238	0.9872	0.9408	0.9464	0.9212	0.9581
43.5	0.9664	0.9711	0.9228	0.9871	0.9518	0.9566	0.9322	0.9694
43.6	0.9606	0.9502	0.8725	0.9828	0.9250	0.9313	0.8928	0.9527
43.7	0.9654	0.9391	0.8594	0.9776	0.9006	0.9067	0.8702	0.9297
43.8	0.9698	0.9307	0.8568	0.9745	0.8975	0.9012	0.8729	0.9244
43.9	0.9777	0.9412	0.8591	0.9819	0.9169	0.9200	0.8981	0.9381
44.0	0.9741	0.9267	0.8228	0.9705	0.8921	0.8987	0.8664	0.9189
44.1	0.9678	0.9049	0.7418	0.9463	0.8654	0.8677	0.8318	0.8993
44.2	0.9720	0.9083	0.7381	0.9534	0.8673	0.8657	0.8328	0.8988
44.3	0.9705	0.8815	0.6686	0.9480	0.8516	0.8483	0.8128	0.8804
44.4	0.9765	0.9115	0.6924	0.9654	0.8900	0.8813	0.8504	0.9150
44.5	0.9777	0.8994	0.6884	0.9650	0.8542	0.8461	0.7995	0.8956
44.6	0.9776	0.8968	0.7344	0.9627	0.8629	0.8557	0.8272	0.8954
44.7	0.9785	0.9081	0.7958	0.9540	0.8940	0.8838	0.8748	0.9146
44.8	0.9837	0.9000	0.7809	0.9328	0.8503	0.8441	0.8335	0.8801
44.9	0.9815	0.8890	0.7407	0.9487	0.8305	0.8137	0.7975	0.8577
45.0	0.9760	0.8920	0.6682	0.9560	0.8464	0.8250	0.8036	0.8681
45.1	0.9772	0.8904	0.5980	0.9504	0.8407	0.8207	0.8000	0.8650
45.2	0.9663	0.8124	0.5209	0.9159	0.7613	0.7362	0.7191	0.8091
45.3	0.9694	0.8197	0.6195	0.9096	0.8075	0.7883	0.7892	0.8253
45.4	0.9708	0.8553	0.7061	0.9074	0.8345	0.8130	0.8193	0.8488
45.5	0.9665	0.8572	0.6271	0.8821	0.8118	0.7890	0.7941	0.8416
45.6	0.9622	0.8741	0.6268	0.8959	0.8334	0.8108	0.8057	0.8631
45.7	0.9265	0.8467	0.5585	0.8853	0.8642	0.8417	0.8373	0.8762
45.8	0.9486	0.8669	0.4501	0.9066	0.8860	0.8677	0.8693	0.8947
45.9	0.9532	0.8808	0.3688	0.9049	0.8794	0.8568	0.8662	0.8957
46.0	0.9630	0.8980	0.4008	0.9095	0.9297	0.9176	0.9211	0.9392
46.1	0.9444	0.8750	0.4737	0.8456	0.9168	0.9090	0.9071	0.9185
46.2	0.9355	0.8466	0.4525	0.7818	0.9150	0.8971	0.8953	0.8949
46.3	0.9418	0.8909	0.5263	0.8329	0.9246	0.9054	0.9099	0.9143
46.4	0.9332	0.8721	0.5699	0.8348	0.9239	0.9009	0.8927	0.9028
46.5	0.9493	0.9217	0.7667	0.8779	0.9370	0.9245	0.9145	0.9242
46.6	0.9603	0.9421	0.8138	0.9066	0.9379	0.9260	0.9190	0.9268
46.7	0.9699	0.9520	0.8242	0.9379	0.9481	0.9369	0.9309	0.9359
46.8	0.9607	0.9566	0.7890	0.9364	0.9525	0.9411	0.9376	0.9386
46.9	0.9780	0.9610	0.8362	0.9497	0.9639	0.9570	0.9602	0.9517
47.0	0.9693	0.9613	0.8523	0.9554	0.9719	0.9635	0.9677	0.9560
47.1	0.9608	0.9590	0.8504	0.9531	0.9629	0.9521	0.9538	0.9442
47.2	0.9384	0.9198	0.6398	0.9316	0.9487	0.9291	0.9285	0.8966
47.3	0.8788	0.8411	0.2453	0.8137	0.8746	0.8391	0.8226	0.7136
47.4	0.9108	0.8883	0.3276	0.8092	0.8577	0.8153	0.7983	0.6401
47.5	0.9552	0.9505	0.6063	0.9136	0.9282	0.9128	0.9128	0.8090
47.6	0.9536	0.9466	0.6708	0.9094	0.9251	0.9125	0.9007	0.8316
47.7	0.9552	0.9546	0.6237	0.9343	0.9269	0.9049	0.9065	0.8119
47.8	0.9664	0.9719	0.7163	0.9678	0.9512	0.9282	0.9596	0.8890
47.9	0.9697	0.9601	0.7453	0.9599	0.9553	0.9278	0.9530	0.8765
48.0	0.9627	0.9426	0.7097	0.9249	0.9218	0.8750	0.9174	0.7754
48.1	0.9580	0.9236	0.6991	0.9174	0.8936	0.8533	0.8932	0.6544
48.2	0.9464	0.9252	0.7040	0.8906	0.9023	0.8742	0.9033	0.6323
48.3	0.9436	0.9341	0.7281	0.8920	0.8904	0.8537	0.9242	0.6286
48.4	0.9558	0.9599	0.8247	0.9313	0.8735	0.8104	0.9247	0.6247
48.5	0.9588	0.9557	0.8440	0.9302	0.8694	0.7886	0.9133	0.5824
48.6	0.9584	0.9525	0.8424	0.9151	0.8587	0.7827	0.9074	0.5546
48.7	0.9489	0.9463	0.7628	0.9109	0.8330	0.7669	0.8912	0.4806
48.8	0.9076	0.9085	0.6025	0.8949	0.7350	0.6721	0.8456	0.3087
48.9	0.8684	0.8656	0.5565	0.8180	0.6076	0.6053	0.7519	0.2563
49.0	0.8872	0.8726	0.5735	0.7092	0.6258	0.5847	0.7331	0.3044
49.1	0.9050	0.9152	0.6433	0.7409	0.6950	0.6131	0.7659	0.4134
49.2	0.8896	0.9219	0.7003	0.7433	0.6991	0.6166	0.7621	0.4432
49.3	0.8807	0.8995	0.6031	0.7104	0.6098	0.4860	0.7147	0.2909
49.4	0.6288	0.6455	0.1974	0.2372	0.2340	0.1523	0.2807	0.0332
49.5	0.3728	0.4222	0.0688	0.0904	0.0919	0.0471	0.0979	0.0198
49.6	0.5139	0.6099	0.0899	0.1257	0.2223	0.1302	0.1947	0.1057
49.7	0.8310	0.8690	0.5475	0.6323	0.4715	0.2587	0.5958	0.2430
49.8	0.7142	0.7854	0.3199	0.4906	0.4099	0.2384	0.4267	0.2488
49.9	0.8028	0.8609	0.4022	0.6463	0.4415	0.2166	0.5141	0.3464
50.0	0.8675	0.9239	0.5736	0.7647	0.6748	0.4153	0.6902	0.5826
50.1	0.8974	0.9272	0.6229	0.8201	0.7473	0.4582	0.7765	0.6025
50.2	0.8847	0.8838	0.5410	0.8134	0.6709	0.3688	0.7595	0.5095
50.3	0.8817	0.8748	0.7075	0.8915	0.5411	0.2205	0.7801	0.5116
50.4	0.8778	0.8776	0.7493	0.8983	0.5993	0.1751	0.7651	0.5572
50.5	0.8853	0.8961	0.7413	0.9236	0.5598	0.0530	0.7891	0.5782
50.6	0.8868	0.9226	0.7087	0.9295	0.5272	0.0465	0.7584	0.6379
50.7	0.8940	0.9217	0.7427	0.9116	0.3563	0.0314	0.6313	0.6204
50.8	0.9270	0.9411	0.8750	0.9435	0.2474	0.1354	0.6646	0.6774
50.9	0.9362	0.9661	0.8988	0.9572	0.3022	0.3005	0.5602	0.7335

51.0	0.9497	0.9696	0.8981	0.9516	0.3847	0.4472	0.5996	0.7703
51.1	0.9233	0.9550	0.8307	0.9300	0.3323	0.3768	0.5231	0.6615
51.2	0.8923	0.9285	0.6810	0.8915	0.2720	0.2404	0.5012	0.5356
51.3	0.9375	0.9521	0.8509	0.9375	0.2797	0.4319	0.5280	0.7010
51.4	0.9451	0.9650	0.9136	0.9530	0.2751	0.4382	0.4011	0.6955
51.5	0.9517	0.9654	0.9099	0.9735	0.3309	0.4646	0.2444	0.6957
51.6	0.9433	0.9581	0.8321	0.9724	0.2881	0.4549	0.2329	0.6954
51.7	0.9240	0.9610	0.7100	0.9654	0.3502	0.5231	0.3083	0.7233
51.8	0.9364	0.9737	0.7622	0.9735	0.4297	0.6214	0.3601	0.7797
51.9	0.9569	0.9786	0.8162	0.9780	0.6279	0.7220	0.3341	0.8689
52.0	0.9469	0.9729	0.8877	0.9762	0.6346	0.6609	0.1885	0.8337
52.1	0.9441	0.9731	0.8578	0.9792	0.5116	0.6060	0.1964	0.7709
52.2	0.9526	0.9774	0.8751	0.9855	0.6033	0.6868	0.2806	0.8208
52.3	0.9591	0.9790	0.9075	0.9852	0.6487	0.7062	0.3203	0.8353
52.4	0.9590	0.9733	0.8986	0.9818	0.6012	0.6859	0.3038	0.8111
52.5	0.9599	0.9720	0.9172	0.9816	0.4600	0.5905	0.2461	0.7198
52.6	0.9640	0.9732	0.9413	0.9794	0.5700	0.6843	0.3179	0.7659
52.7	0.9597	0.9802	0.9387	0.9781	0.6421	0.7399	0.4476	0.7877
52.8	0.9344	0.9714	0.9275	0.9699	0.5562	0.6489	0.3982	0.6702
52.9	0.9249	0.9699	0.9090	0.9656	0.6096	0.7009	0.4983	0.7152
53.0	0.9404	0.9705	0.8944	0.9634	0.6599	0.7653	0.5634	0.7588
53.1	0.9330	0.9727	0.8942	0.9725	0.6956	0.7371	0.5683	0.7787
53.2	0.9280	0.9684	0.8826	0.9817	0.6945	0.7065	0.5402	0.7561
53.3	0.9304	0.9664	0.9009	0.9777	0.7326	0.6970	0.5253	0.7721
53.4	0.9349	0.9549	0.9019	0.9685	0.6701	0.5988	0.4316	0.7006
53.5	0.9466	0.9573	0.9314	0.9755	0.6365	0.5530	0.4038	0.6432
53.6	0.9607	0.9726	0.9238	0.9783	0.7488	0.6856	0.5985	0.7185
53.7	0.9558	0.9727	0.9291	0.9808	0.7192	0.6426	0.5172	0.7184
53.8	0.9601	0.9619	0.9168	0.9797	0.6895	0.6041	0.4396	0.6820
53.9	0.9606	0.9591	0.9187	0.9794	0.6761	0.5573	0.3700	0.6887
54.0	0.9495	0.9652	0.9361	0.9835	0.5921	0.5559	0.2457	0.6464
54.1	0.9496	0.9648	0.9358	0.9777	0.6027	0.5796	0.3243	0.6211
54.2	0.9562	0.9595	0.9362	0.9737	0.5633	0.4739	0.2203	0.4967
54.3	0.9722	0.9750	0.9308	0.9756	0.6972	0.6216	0.2965	0.6630
54.4	0.9481	0.9590	0.9224	0.9722	0.5862	0.5628	0.2530	0.5832
54.5	0.9396	0.9631	0.9448	0.9660	0.4291	0.5839	0.2665	0.4788
54.6	0.9499	0.9483	0.9530	0.9635	0.4744	0.5600	0.3478	0.4495
54.7	0.9682	0.9741	0.9789	0.9740	0.6682	0.7117	0.5629	0.5966
54.8	0.9683	0.9808	0.9763	0.9659	0.6780	0.7511	0.5835	0.6313
54.9	0.9629	0.9709	0.9692	0.9541	0.5530	0.6147	0.4166	0.5356
55.0	0.9718	0.9690	0.9718	0.9619	0.6237	0.6972	0.5054	0.6380
55.1	0.9737	0.9720	0.9709	0.9558	0.7191	0.7628	0.6255	0.7117
55.2	0.9652	0.9717	0.9705	0.9404	0.6554	0.6814	0.5576	0.6373
55.3	0.9608	0.9720	0.9624	0.9336	0.6805	0.7006	0.5953	0.6337
55.4	0.9634	0.9707	0.9706	0.9340	0.7310	0.7122	0.6325	0.6959
55.5	0.9765	0.9704	0.9696	0.9468	0.7855	0.7362	0.7114	0.7361
55.6	0.9773	0.9725	0.9715	0.9530	0.7878	0.7404	0.7467	0.6950
55.7	0.9764	0.9695	0.9778	0.9500	0.7628	0.7294	0.6919	0.7134
55.8	0.9802	0.9696	0.9775	0.9400	0.7547	0.6926	0.7075	0.6731
55.9	0.9833	0.9607	0.9735	0.9468	0.7265	0.5731	0.6830	0.5854
56.0	0.9785	0.9616	0.9712	0.9581	0.7124	0.6015	0.6040	0.6321
56.1	0.9684	0.9539	0.9600	0.9488	0.6726	0.5562	0.5948	0.5938
56.2	0.9781	0.9670	0.9682	0.9597	0.7801	0.6845	0.6926	0.7180
56.3	0.9754	0.9647	0.9637	0.9524	0.7985	0.6441	0.7375	0.7413
56.4	0.9810	0.9734	0.9710	0.9474	0.7983	0.6080	0.7090	0.7324
56.5	0.9818	0.9766	0.9747	0.9529	0.7398	0.4900	0.5936	0.6548
56.6	0.9810	0.9702	0.9674	0.9524	0.7395	0.5182	0.5719	0.6741
56.7	0.9831	0.9741	0.9726	0.9433	0.7986	0.6260	0.6204	0.7376
56.8	0.9797	0.9703	0.9770	0.9287	0.7284	0.5900	0.5105	0.7371
56.9	0.9822	0.9657	0.9796	0.9370	0.6807	0.4803	0.4588	0.6719
57.0	0.9817	0.9638	0.9787	0.9512	0.6786	0.4900	0.3621	0.6180
57.1	0.9843	0.9717	0.9824	0.9497	0.7075	0.5182	0.3946	0.6911
57.2	0.9820	0.9793	0.9817	0.9462	0.7751	0.5740	0.5220	0.7136
57.3	0.9782	0.9717	0.9744	0.9392	0.6661	0.5385	0.2964	0.6686
57.4	0.9827	0.9703	0.9747	0.9353	0.5638	0.5849	0.1450	0.6420
57.5	0.9816	0.9729	0.9771	0.9161	0.6562	0.6052	0.2653	0.6422
57.6	0.9760	0.9618	0.9746	0.9045	0.6407	0.6287	0.2705	0.6650
57.7	0.9692	0.9625	0.9659	0.8878	0.6114	0.5687	0.2507	0.6313
57.8	0.9761	0.9678	0.9738	0.9025	0.6378	0.6385	0.2904	0.6598
57.9	0.9679	0.9548	0.9676	0.9035	0.5262	0.4893	0.2512	0.4849
58.0	0.9758	0.9638	0.9766	0.9253	0.6330	0.6369	0.3366	0.6526
58.1	0.9733	0.9576	0.9815	0.9255	0.7103	0.7281	0.4740	0.7638
58.2	0.9687	0.9557	0.9727	0.9100	0.7414	0.7026	0.4995	0.7516
58.3	0.9752	0.9667	0.9672	0.8867	0.8431	0.7372	0.6303	0.8083
58.4	0.9805	0.9666	0.9808	0.9135	0.8490	0.7733	0.6175	0.8250
58.5	0.9806	0.9611	0.9841	0.8722	0.8148	0.7698	0.5822	0.8016
58.6	0.9782	0.9617	0.9835	0.8696	0.8177	0.7052	0.5956	0.7935
58.7	0.9750	0.9657	0.9799	0.8810	0.8320	0.7417	0.6777	0.8110
58.8	0.9736	0.9584	0.9817	0.8914	0.8540	0.7370	0.6563	0.8386
58.9	0.9742	0.9554	0.9717	0.8845	0.8539	0.7201	0.6871	0.8327
59.0	0.9742	0.9493	0.9726	0.8817	0.8111	0.6506	0.6439	0.7684
59.1	0.9811	0.9663	0.9818	0.9350	0.8823	0.7211	0.8002	0.8259
59.2	0.9886	0.9721	0.9861	0.9536	0.9386	0.8131	0.9035	0.8721
59.3	0.9873	0.9747	0.9864	0.9509	0.9412	0.7575	0.8984	0.8677
59.4	0.9829	0.9819	0.9863	0.9599	0.9327	0.7017	0.8714	0.8637
59.5	0.9852	0.9837	0.9870	0.9698	0.9433	0.6846	0.8782	0.8685

59.6	0.9849	0.9844	0.9865	0.9643	0.9375	0.6076	0.8714	0.8509
59.7	0.9864	0.9795	0.9870	0.9645	0.9260	0.5209	0.8704	0.8371
59.8	0.9797	0.9722	0.9837	0.9229	0.8967	0.4229	0.8533	0.7543
59.9	0.2958	0.1283	0.5854	0.5231	0.6706	0.1988	0.6055	0.3735
60.0	0.2317	0.1396	0.3594	0.2213	0.4363	0.0807	0.4677	0.1659
60.1	0.4686	0.3014	0.6633	0.4498	0.7462	0.2235	0.7447	0.4136
60.2	0.9860	0.9793	0.9856	0.9133	0.9228	0.4617	0.8404	0.7796
60.3	0.9882	0.9775	0.9887	0.9215	0.9147	0.4129	0.8276	0.7483
60.4	0.9921	0.9809	0.9923	0.9198	0.9049	0.4559	0.8164	0.7279
60.5	0.9909	0.9818	0.9924	0.8993	0.8931	0.5211	0.8074	0.7105
60.6	0.9870	0.9755	0.9911	0.8785	0.9063	0.6052	0.8325	0.7513
60.7	0.9878	0.9690	0.9934	0.9183	0.9085	0.6595	0.8157	0.7461
60.8	0.9898	0.9707	0.9932	0.8797	0.9015	0.6621	0.8192	0.7470
60.9	0.9900	0.9715	0.9934	0.8692	0.9119	0.6830	0.8298	0.7762
61.0	0.9836	0.9612	0.9915	0.8326	0.8596	0.5777	0.7522	0.6330
61.1	0.9848	0.9618	0.9909	0.8431	0.8352	0.6633	0.7466	0.6378
61.2	0.9854	0.9705	0.9905	0.8348	0.8511	0.7242	0.7632	0.7239
61.3	0.9876	0.9768	0.9898	0.8702	0.8775	0.7443	0.8131	0.7802
61.4	0.9869	0.9748	0.9909	0.8932	0.8828	0.7911	0.8497	0.8100
61.5	0.9874	0.9712	0.9928	0.8987	0.8998	0.8533	0.8656	0.8507
61.6	0.9879	0.9680	0.9921	0.8993	0.9050	0.8614	0.8430	0.8421
61.7	0.9893	0.9688	0.9924	0.9168	0.8866	0.8334	0.8087	0.8377
61.8	0.9868	0.9701	0.9909	0.9012	0.8845	0.8276	0.8092	0.8357
61.9	0.9830	0.9704	0.9910	0.9274	0.8565	0.8513	0.7942	0.8361
62.0	0.9865	0.9690	0.9909	0.9361	0.8768	0.8908	0.8153	0.8647
62.1	0.9857	0.9652	0.9909	0.9270	0.8731	0.8858	0.8157	0.8707
62.2	0.9892	0.9722	0.9910	0.9372	0.9068	0.9087	0.8604	0.9026
62.3	0.9882	0.9717	0.9926	0.9467	0.9190	0.9198	0.8666	0.9252
62.4	0.9905	0.9735	0.9941	0.9586	0.9266	0.9341	0.8460	0.9340
62.5	0.9910	0.9671	0.9945	0.9620	0.9280	0.9302	0.8181	0.9362
62.6	0.9912	0.9653	0.9916	0.9496	0.9164	0.9342	0.8055	0.9367
62.7	0.9938	0.9632	0.9922	0.9613	0.9169	0.9380	0.8006	0.9521
62.8	0.9949	0.9618	0.9909	0.9601	0.8956	0.9209	0.7698	0.9442
62.9	0.9936	0.9693	0.9939	0.9730	0.9210	0.9474	0.8305	0.9520
63.0	0.9899	0.9587	0.9925	0.9676	0.9199	0.9386	0.8392	0.9462
63.1	0.9905	0.9576	0.9919	0.9669	0.9255	0.9426	0.8240	0.9510
63.2	0.9891	0.9596	0.9919	0.9660	0.9204	0.9435	0.8117	0.9559
63.3	0.9879	0.9600	0.9924	0.9782	0.9410	0.9590	0.8308	0.9686
63.4	0.9906	0.9618	0.9915	0.9785	0.9476	0.9586	0.8289	0.9703
63.5	0.9887	0.9622	0.9905	0.9777	0.9454	0.9666	0.8350	0.9680
63.6	0.9915	0.9597	0.9914	0.9793	0.9523	0.9685	0.8422	0.9734
63.7	0.9909	0.9613	0.9915	0.9756	0.9455	0.9681	0.8307	0.9784
63.8	0.9896	0.9413	0.9903	0.9758	0.9360	0.9611	0.8316	0.9684
63.9	0.9911	0.9279	0.9900	0.9749	0.9418	0.9608	0.8392	0.9682
64.0	0.9930	0.9218	0.9889	0.9731	0.9570	0.9701	0.8553	0.9760
64.1	0.9927	0.8990	0.9878	0.9781	0.9607	0.9755	0.8847	0.9806
64.2	0.9928	0.9142	0.9838	0.9760	0.9655	0.9776	0.8918	0.9817
64.3	0.9919	0.9231	0.9865	0.9799	0.9584	0.9727	0.8964	0.9765
64.4	0.9936	0.9077	0.9884	0.9811	0.9687	0.9770	0.9125	0.9831
64.5	0.9935	0.8966	0.9866	0.9799	0.9770	0.9834	0.9228	0.9863
64.6	0.9916	0.8936	0.9851	0.9776	0.9669	0.9769	0.9047	0.9838
64.7	0.9913	0.8928	0.9814	0.9778	0.9675	0.9781	0.9063	0.9835
64.8	0.9913	0.8859	0.9822	0.9778	0.9736	0.9815	0.9218	0.9827
64.9	0.9914	0.8648	0.9856	0.9829	0.9761	0.9799	0.9284	0.9863
65.0	0.9930	0.8821	0.9828	0.9792	0.9673	0.9752	0.9166	0.9828
65.1	0.9919	0.8695	0.9801	0.9826	0.9651	0.9720	0.9048	0.9761
65.2	0.9948	0.9176	0.9823	0.9837	0.9746	0.9783	0.9218	0.9838
65.3	0.9950	0.9000	0.9811	0.9817	0.9742	0.9807	0.9282	0.9852
65.4	0.9945	0.9023	0.9813	0.9847	0.9790	0.9864	0.9390	0.9872
65.5	0.9938	0.8928	0.9809	0.9834	0.9767	0.9826	0.9444	0.9844
65.6	0.9943	0.8956	0.9810	0.9859	0.9847	0.9877	0.9577	0.9892
65.7	0.9943	0.8890	0.9800	0.9876	0.9844	0.9870	0.9601	0.9895
65.8	0.9924	0.8721	0.9784	0.9874	0.9773	0.9822	0.9482	0.9835
65.9	0.9944	0.9194	0.9820	0.9896	0.9771	0.9843	0.9538	0.9847
66.0	0.9953	0.9133	0.9794	0.9888	0.9817	0.9879	0.9619	0.9881
66.1	0.9965	0.9199	0.9786	0.9882	0.9860	0.9902	0.9647	0.9914
66.2	0.9949	0.9156	0.9796	0.9888	0.9792	0.9839	0.9534	0.9867
66.3	0.9936	0.9174	0.9799	0.9897	0.9793	0.9834	0.9509	0.9885
66.4	0.9938	0.9055	0.9778	0.9896	0.9748	0.9796	0.9467	0.9840
66.5	0.9944	0.9064	0.9807	0.9898	0.9785	0.9818	0.9540	0.9852
66.6	0.9949	0.9025	0.9796	0.9883	0.9798	0.9848	0.9611	0.9859
66.7	0.9952	0.9145	0.9810	0.9906	0.9830	0.9879	0.9703	0.9883
66.8	0.9930	0.9078	0.9806	0.9903	0.9822	0.9851	0.9697	0.9863
66.9	0.9936	0.9192	0.9804	0.9903	0.9849	0.9851	0.9715	0.9865
67.0	0.9951	0.9469	0.9850	0.9933	0.9859	0.9872	0.9768	0.9874
67.1	0.9954	0.9600	0.9808	0.9929	0.9891	0.9910	0.9799	0.9910
67.2	0.9952	0.9639	0.9796	0.9920	0.9875	0.9907	0.9762	0.9912
67.3	0.9944	0.9576	0.9827	0.9934	0.9879	0.9905	0.9810	0.9899
67.4	0.9929	0.9484	0.9823	0.9931	0.9830	0.9866	0.9793	0.9827
67.5	0.9939	0.9556	0.9808	0.9931	0.9825	0.9842	0.9740	0.9843
67.6	0.9926	0.9473	0.9808	0.9936	0.9790	0.9790	0.9691	0.9814
67.7	0.9941	0.9599	0.9796	0.9942	0.9867	0.9866	0.9791	0.9878
67.8	0.9943	0.9631	0.9829	0.9951	0.9915	0.9927	0.9865	0.9925
67.9	0.9929	0.9674	0.9835	0.9955	0.9874	0.9890	0.9829	0.9870
68.0	0.9936	0.9667	0.9846	0.9955	0.9890	0.9898	0.9853	0.9875
68.1	0.9946	0.9748	0.9881	0.9963	0.9907	0.9910	0.9876	0.9887

68.2	0.9953	0.9783	0.9875	0.9958	0.9907	0.9917	0.9882	0.9901
68.3	0.9961	0.9784	0.9831	0.9952	0.9897	0.9916	0.9881	0.9902
68.4	0.9946	0.9799	0.9867	0.9955	0.9893	0.9918	0.9889	0.9877
68.5	0.9958	0.9808	0.9882	0.9963	0.9919	0.9926	0.9911	0.9891
68.6	0.9964	0.9808	0.9893	0.9965	0.9921	0.9931	0.9917	0.9914
68.7	0.9954	0.9838	0.9888	0.9964	0.9922	0.9925	0.9918	0.9925
68.8	0.9948	0.9819	0.9863	0.9964	0.9900	0.9907	0.9896	0.9889
68.9	0.9950	0.9836	0.9859	0.9962	0.9919	0.9917	0.9906	0.9895
69.0	0.9935	0.9825	0.9857	0.9966	0.9910	0.9915	0.9908	0.9881
69.1	0.9955	0.9856	0.9887	0.9966	0.9924	0.9930	0.9931	0.9895
69.2	0.9963	0.9844	0.9880	0.9956	0.9923	0.9925	0.9930	0.9874
69.3	0.9954	0.9892	0.9896	0.9971	0.9922	0.9923	0.9936	0.9873
69.4	0.9938	0.9856	0.9896	0.9963	0.9922	0.9916	0.9924	0.9888
69.5	0.9931	0.9798	0.9885	0.9957	0.9883	0.9883	0.9886	0.9849
69.6	0.9939	0.9825	0.9900	0.9957	0.9901	0.9901	0.9911	0.9835
69.7	0.9951	0.9816	0.9900	0.9968	0.9907	0.9907	0.9922	0.9868
69.8	0.9947	0.9843	0.9917	0.9965	0.9905	0.9893	0.9912	0.9891
69.9	0.9950	0.9883	0.9917	0.9968	0.9920	0.9911	0.9940	0.9906
70.0	0.9940	0.9877	0.9907	0.9971	0.9926	0.9915	0.9945	0.9920
70.1	0.9951	0.9864	0.9898	0.9970	0.9907	0.9890	0.9919	0.9922
70.2	0.9913	0.9872	0.9907	0.9977	0.9897	0.9868	0.9909	0.9892
70.3	0.9909	0.9860	0.9906	0.9975	0.9905	0.9878	0.9931	0.9908
70.4	0.9931	0.9864	0.9896	0.9972	0.9906	0.9882	0.9939	0.9928
70.5	0.9926	0.9890	0.9904	0.9975	0.9918	0.9903	0.9944	0.9925
70.6	0.9931	0.9888	0.9912	0.9975	0.9895	0.9875	0.9929	0.9926
70.7	0.9951	0.9901	0.9921	0.9975	0.9906	0.9889	0.9933	0.9952
70.8	0.9934	0.9885	0.9907	0.9977	0.9884	0.9871	0.9925	0.9949
70.9	0.9931	0.9885	0.9899	0.9977	0.9879	0.9864	0.9928	0.9944
71.0	0.9937	0.9894	0.9904	0.9976	0.9929	0.9899	0.9938	0.9947
71.1	0.9926	0.9897	0.9874	0.9978	0.9890	0.9873	0.9927	0.9949
71.2	0.9916	0.9912	0.9886	0.9975	0.9874	0.9874	0.9937	0.9950
71.3	0.9915	0.9903	0.9914	0.9975	0.9900	0.9885	0.9952	0.9951
71.4	0.9908	0.9879	0.9898	0.9972	0.9858	0.9875	0.9929	0.9931
71.5	0.9921	0.9920	0.9896	0.9972	0.9888	0.9882	0.9931	0.9955
71.6	0.9929	0.9934	0.9850	0.9971	0.9915	0.9881	0.9933	0.9961
71.7	0.9929	0.9905	0.9894	0.9972	0.9927	0.9904	0.9935	0.9959
71.8	0.9921	0.9896	0.9880	0.9971	0.9890	0.9891	0.9936	0.9946
71.9	0.9905	0.9914	0.9863	0.9974	0.9869	0.9862	0.9930	0.9944
72.0	0.9921	0.9879	0.9859	0.9972	0.9854	0.9846	0.9906	0.9945
72.1	0.9924	0.9906	0.9871	0.9974	0.9863	0.9848	0.9888	0.9940
72.2	0.9908	0.9889	0.9888	0.9973	0.9878	0.9834	0.9892	0.9945
72.3	0.9907	0.9919	0.9892	0.9971	0.9902	0.9876	0.9906	0.9951
72.4	0.9910	0.9912	0.9838	0.9973	0.9904	0.9888	0.9913	0.9958
72.5	0.9910	0.9898	0.9880	0.9973	0.9900	0.9882	0.9886	0.9957
72.6	0.9891	0.9869	0.9862	0.9957	0.9851	0.9838	0.9845	0.9942
72.7	0.9845	0.9835	0.9836	0.9942	0.9791	0.9777	0.9815	0.9929
72.8	0.9885	0.9895	0.9836	0.9954	0.9862	0.9830	0.9859	0.9943
72.9	0.9892	0.9903	0.9850	0.9966	0.9887	0.9876	0.9854	0.9951
73.0	0.9892	0.9902	0.9855	0.9966	0.9883	0.9885	0.9866	0.9946
73.1	0.9873	0.9881	0.9883	0.9961	0.9891	0.9872	0.9838	0.9939
73.2	0.9868	0.9898	0.9863	0.9965	0.9904	0.9864	0.9837	0.9955
73.3	0.9857	0.9891	0.9840	0.9956	0.9891	0.9855	0.9818	0.9959
73.4	0.9879	0.9893	0.9875	0.9965	0.9902	0.9868	0.9817	0.9956
73.5	0.9905	0.9879	0.9858	0.9962	0.9907	0.9879	0.9784	0.9958
73.6	0.9896	0.9873	0.9815	0.9962	0.9886	0.9863	0.9821	0.9948
73.7	0.9851	0.9892	0.9822	0.9965	0.9889	0.9859	0.9804	0.9946
73.8	0.9844	0.9903	0.9828	0.9963	0.9916	0.9876	0.9798	0.9958
73.9	0.9859	0.9901	0.9841	0.9954	0.9911	0.9875	0.9796	0.9957
74.0	0.9886	0.9907	0.9838	0.9961	0.9906	0.9881	0.9752	0.9954
74.1	0.9876	0.9901	0.9836	0.9963	0.9896	0.9867	0.9676	0.9955
74.2	0.9855	0.9901	0.9860	0.9961	0.9916	0.9832	0.9712	0.9948
74.3	0.9876	0.9904	0.9862	0.9959	0.9934	0.9882	0.9768	0.9962
74.4	0.9874	0.9907	0.9839	0.9957	0.9925	0.9885	0.9748	0.9948
74.5	0.9821	0.9933	0.9809	0.9958	0.9919	0.9879	0.9697	0.9953
74.6	0.9786	0.9894	0.9793	0.9950	0.9900	0.9853	0.9624	0.9948
74.7	0.9833	0.9906	0.9851	0.9960	0.9909	0.9878	0.9659	0.9948
74.8	0.9800	0.9921	0.9828	0.9956	0.9921	0.9893	0.9687	0.9958
74.9	0.9761	0.9887	0.9792	0.9943	0.9880	0.9819	0.9556	0.9930
75.0	0.9797	0.9896	0.9717	0.9935	0.9884	0.9852	0.9669	0.9928
75.1	0.9763	0.9902	0.9765	0.9936	0.9912	0.9849	0.9693	0.9941
75.2	0.9720	0.9917	0.9779	0.9937	0.9909	0.9835	0.9674	0.9938
75.3	0.9724	0.9919	0.9771	0.9938	0.9909	0.9853	0.9683	0.9934
75.4	0.9816	0.9928	0.9785	0.9957	0.9929	0.9883	0.9824	0.9949
75.5	0.9853	0.9941	0.9825	0.9961	0.9944	0.9897	0.9835	0.9958
75.6	0.9781	0.9899	0.9766	0.9954	0.9913	0.9871	0.9731	0.9944
75.7	0.9732	0.9910	0.9762	0.9958	0.9934	0.9900	0.9783	0.9948
75.8	0.9764	0.9907	0.9757	0.9958	0.9933	0.9868	0.9759	0.9951
75.9	0.9571	0.9862	0.9589	0.9920	0.9888	0.9784	0.9657	0.9913
76.0	0.9672	0.9899	0.9698	0.9930	0.9922	0.9859	0.9697	0.9921
76.1	0.9761	0.9927	0.9766	0.9951	0.9941	0.9876	0.9815	0.9937
76.2	0.9760	0.9936	0.9799	0.9954	0.9938	0.9901	0.9841	0.9942
76.3	0.9724	0.9937	0.9756	0.9944	0.9939	0.9879	0.9818	0.9942
76.4	0.9770	0.9922	0.9687	0.9951	0.9938	0.9879	0.9787	0.9948
76.5	0.9716	0.9922	0.9676	0.9953	0.9934	0.9895	0.9793	0.9941
76.6	0.9687	0.9932	0.9723	0.9941	0.9922	0.9874	0.9801	0.9935
76.7	0.9711	0.9940	0.9708	0.9948	0.9926	0.9862	0.9891	0.9941

76.8	0.9577	0.9917	0.9665	0.9943	0.9900	0.9838	0.9805	0.9938
76.9	0.9583	0.9920	0.9735	0.9947	0.9900	0.9864	0.9809	0.9947
77.0	0.9499	0.9916	0.9673	0.9921	0.9906	0.9860	0.9802	0.9913
77.1	0.9455	0.9918	0.9595	0.9908	0.9895	0.9812	0.9736	0.9902
77.2	0.9586	0.9922	0.9593	0.9933	0.9882	0.9794	0.9776	0.9916
77.3	0.9506	0.9874	0.9498	0.9923	0.9852	0.9747	0.9753	0.9905
77.4	0.9469	0.9874	0.9506	0.9928	0.9867	0.9760	0.9803	0.9908
77.5	0.9400	0.9893	0.9511	0.9930	0.9892	0.9788	0.9775	0.9911
77.6	0.9417	0.9933	0.9604	0.9952	0.9910	0.9822	0.9804	0.9914
77.7	0.9429	0.9929	0.9655	0.9939	0.9885	0.9822	0.9823	0.9920
77.8	0.9295	0.9907	0.9707	0.9931	0.9871	0.9794	0.9807	0.9926
77.9	0.9405	0.9930	0.9755	0.9943	0.9911	0.9808	0.9816	0.9942
78.0	0.9098	0.9910	0.9675	0.9923	0.9876	0.9753	0.9721	0.9925
78.1	0.8846	0.9909	0.9617	0.9929	0.9864	0.9728	0.9767	0.9920
78.2	0.8688	0.9903	0.9531	0.9926	0.9861	0.9775	0.9755	0.9908
78.3	0.8718	0.9921	0.9710	0.9944	0.9893	0.9817	0.9789	0.9921
78.4	0.8361	0.9913	0.9617	0.9945	0.9881	0.9775	0.9812	0.9914
78.5	0.8446	0.9914	0.9572	0.9937	0.9872	0.9698	0.9790	0.9914
78.6	0.8442	0.9915	0.9628	0.9941	0.9890	0.9752	0.9802	0.9923
78.7	0.8523	0.9930	0.9681	0.9944	0.9912	0.9769	0.9797	0.9937
78.8	0.7907	0.9923	0.9740	0.9946	0.9864	0.9607	0.9755	0.9926
78.9	0.5037	0.9891	0.9661	0.9932	0.9776	0.9273	0.9710	0.9907
79.0	0.5971	0.9808	0.9351	0.9904	0.9556	0.8246	0.9481	0.9859
79.1	0.7550	0.9871	0.9527	0.9914	0.9623	0.8465	0.9427	0.9871
79.2	0.8460	0.9931	0.9645	0.9929	0.9809	0.9366	0.9633	0.9915
79.3	0.8452	0.9908	0.9607	0.9933	0.9830	0.9560	0.9621	0.9914
79.4	0.7858	0.9901	0.9707	0.9929	0.9841	0.9547	0.9660	0.9877
79.5	0.7434	0.9883	0.9570	0.9921	0.9795	0.9252	0.9616	0.9853
79.6	0.6864	0.9901	0.9555	0.9934	0.9810	0.9223	0.9612	0.9870
79.7	0.6574	0.9907	0.9549	0.9925	0.9871	0.9328	0.9537	0.9898
79.8	0.5227	0.9940	0.9657	0.9941	0.9884	0.9387	0.9654	0.9931
79.9	0.4272	0.9907	0.9639	0.9942	0.9902	0.9598	0.9550	0.9936
80.0	0.3415	0.9888	0.9522	0.9933	0.9862	0.9505	0.9328	0.9913

1.2.26 Run 7 – VT270 – SF and shaft bending gauges

Vertical shaking at 270°. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.5041	0.4179	0.3460	0.4497	0.2167	0.0365	0.4549	0.8771
0.1	0.2880	0.1136	0.0275	0.1741	0.0935	0.4800	0.1986	0.9375
0.2	0.9225	0.9546	0.9840	0.9548	0.9963	0.9998	0.9719	0.9999
0.3	0.9537	0.9675	0.9890	0.9699	0.9957	0.9999	0.9710	0.9999
0.4	0.9632	0.9761	0.9893	0.9800	0.9964	0.9999	0.9687	0.9999
0.5	0.9649	0.9767	0.9890	0.9777	0.9959	0.9999	0.9769	0.9999
0.6	0.9744	0.9766	0.9921	0.9802	0.9960	0.9999	0.9838	0.9999
0.7	0.9795	0.9829	0.9930	0.9861	0.9936	0.9998	0.9666	0.9999
0.8	0.9669	0.9799	0.9927	0.9793	0.9818	0.9998	0.9260	0.9998
0.9	0.9416	0.9629	0.9891	0.9568	0.9864	0.9994	0.9494	0.9995
1.0	0.9714	0.9825	0.9936	0.9778	0.9958	0.9995	0.9722	0.9997
1.1	0.9865	0.9886	0.9958	0.9900	0.9967	0.9999	0.9785	0.9999
1.2	0.9849	0.9885	0.9965	0.9912	0.9969	0.9999	0.9801	0.9999
1.3	0.9865	0.9901	0.9968	0.9923	0.9970	0.9999	0.9845	0.9999
1.4	0.9844	0.9846	0.9963	0.9901	0.9975	0.9999	0.9841	0.9999
1.5	0.9748	0.9783	0.9943	0.9846	0.9964	0.9999	0.9743	0.9999
1.6	0.9671	0.9469	0.9941	0.9772	0.9961	0.9999	0.9739	0.9999
1.7	0.9416	0.8944	0.9908	0.9617	0.9954	0.9997	0.9694	0.9998
1.8	0.8313	0.8516	0.9882	0.9289	0.9919	0.9993	0.9615	0.9995
1.9	0.9119	0.9264	0.9899	0.9460	0.9944	0.9994	0.9764	0.9996
2.0	0.9443	0.9397	0.9917	0.9781	0.9967	0.9997	0.9808	0.9998
2.1	0.8907	0.9073	0.9756	0.9567	0.9971	0.9998	0.9808	0.9999
2.2	0.8251	0.8732	0.9684	0.9390	0.9950	0.9998	0.9763	0.9999
2.3	0.7522	0.8664	0.9817	0.9307	0.9744	0.9997	0.9225	0.9998
2.4	0.8351	0.9598	0.9907	0.9628	0.9326	0.9997	0.7001	0.9999
2.5	0.9362	0.9790	0.9938	0.9811	0.9732	0.9999	0.6989	0.9999
2.6	0.9779	0.9843	0.9966	0.9903	0.9965	0.9999	0.9575	0.9999
2.7	0.9819	0.9829	0.9972	0.9874	0.9963	0.9999	0.9666	0.9999
2.8	0.9771	0.9721	0.9961	0.9805	0.9962	0.9998	0.9566	0.9999
2.9	0.9698	0.9690	0.9951	0.9760	0.9959	0.9998	0.9547	0.9999
3.0	0.9657	0.9636	0.9929	0.9771	0.9918	0.9997	0.9344	0.9998
3.1	0.9540	0.9532	0.9920	0.9702	0.9894	0.9996	0.9211	0.9997
3.2	0.9513	0.9464	0.9900	0.9714	0.9880	0.9995	0.8829	0.9996
3.3	0.9481	0.9326	0.9869	0.9649	0.9871	0.9995	0.8835	0.9996
3.4	0.9370	0.8800	0.9798	0.9332	0.9790	0.9993	0.8327	0.9995
3.5	0.8592	0.7368	0.9666	0.8597	0.9529	0.9984	0.7254	0.9987
3.6	0.6180	0.5250	0.9390	0.7676	0.9045	0.9971	0.6752	0.9976
3.7	0.8076	0.7571	0.9828	0.8863	0.9716	0.9992	0.8870	0.9994
3.8	0.9511	0.9450	0.9963	0.9789	0.9955	0.9998	0.9689	0.9999
3.9	0.9853	0.9845	0.9991	0.9951	0.9989	1.0000	0.9932	1.0000
4.0	0.9881	0.9894	0.9995	0.9960	0.9994	1.0000	0.9965	1.0000
4.1	0.9874	0.9887	0.9996	0.9943	0.9992	1.0000	0.9944	1.0000
4.2	0.9868	0.9823	0.9993	0.9930	0.9984	1.0000	0.9898	1.0000
4.3	0.9719	0.9628	0.9988	0.9920	0.9974	0.9999	0.9864	0.9999
4.4	0.9586	0.9390	0.9978	0.9880	0.9959	0.9999	0.9834	0.9999
4.5	0.9499	0.9184	0.9979	0.9745	0.9950	0.9999	0.9803	0.9999
4.6	0.9332	0.8766	0.9970	0.9575	0.9938	0.9998	0.9735	0.9999
4.7	0.8042	0.7056	0.9915	0.9019	0.9816	0.9995	0.9429	0.9996
4.8	0.8981	0.8694	0.9891	0.9505	0.9809	0.9996	0.9353	0.9997
4.9	0.8219	0.7919	0.9804	0.9187	0.9766	0.9994	0.8998	0.9996
5.0	0.5953	0.4477	0.9880	0.8759	0.9841	0.9994	0.9291	0.9996
5.1	0.8304	0.7101	0.9979	0.9646	0.9951	0.9998	0.9744	0.9999
5.2	0.8371	0.5548	0.9971	0.9565	0.9934	0.9997	0.9717	0.9998
5.3	0.6246	0.2347	0.9909	0.8590	0.9760	0.9993	0.9358	0.9994
5.4	0.3781	0.1340	0.9898	0.7540	0.9554	0.9991	0.9249	0.9993
5.5	0.3640	0.3845	0.9958	0.8451	0.9831	0.9995	0.9472	0.9996
5.6	0.5194	0.6671	0.9977	0.9117	0.9955	0.9998	0.9834	0.9999
5.7	0.5026	0.7434	0.9985	0.9571	0.9975	0.9999	0.9925	0.9999
5.8	0.3232	0.7690	0.9993	0.9796	0.9980	1.0000	0.9935	1.0000
5.9	0.1102	0.5928	0.9995	0.9850	0.9983	1.0000	0.9952	1.0000
6.0	0.5738	0.2319	0.9993	0.9881	0.9985	1.0000	0.9961	1.0000
6.1	0.6626	0.6789	0.9986	0.9863	0.9973	1.0000	0.9937	1.0000
6.2	0.8931	0.9262	0.9993	0.9864	0.9978	1.0000	0.9954	1.0000
6.3	0.9534	0.9755	0.9994	0.9906	0.9976	1.0000	0.9962	1.0000
6.4	0.9645	0.9828	0.9994	0.9920	0.9964	1.0000	0.9962	1.0000
6.5	0.9667	0.9816	0.9992	0.9876	0.9908	1.0000	0.9929	1.0000
6.6	0.9609	0.9789	0.9989	0.9835	0.9843	0.9999	0.9920	1.0000
6.7	0.9570	0.9784	0.9984	0.9740	0.9623	0.9999	0.9869	1.0000
6.8	0.9653	0.9844	0.9980	0.9694	0.9171	0.9999	0.9844	1.0000
6.9	0.9638	0.9792	0.9949	0.9424	0.8166	0.9999	0.9611	0.9999
7.0	0.9533	0.9699	0.9898	0.9418	0.8919	0.9998	0.9513	0.9999
7.1	0.9463	0.9645	0.9791	0.9220	0.9104	0.9998	0.9351	0.9999
7.2	0.8155	0.9189	0.9556	0.9236	0.9326	0.9997	0.9137	0.9999
7.3	0.1836	0.7979	0.9620	0.9630	0.9768	0.9998	0.9586	0.9999
7.4	0.7517	0.8584	0.9325	0.9411	0.9683	0.9998	0.9267	0.9999
7.5	0.9472	0.9742	0.9672	0.9634	0.9832	0.9999	0.9460	1.0000
7.6	0.9928	0.9955	0.9933	0.9877	0.9948	0.9999	0.9763	1.0000
7.7	0.9914	0.9935	0.9967	0.9954	0.9980	0.9999	0.9885	1.0000
7.8	0.9907	0.9930	0.9978	0.9972	0.9989	0.9999	0.9934	0.9999
7.9	0.9942	0.9962	0.9987	0.9957	0.9980	0.9999	0.9863	1.0000

8.0	0.9959	0.9962	0.9989	0.9949	0.9978	0.9999	0.9827	1.0000
8.1	0.9948	0.9959	0.9989	0.9974	0.9985	0.9999	0.9900	1.0000
8.2	0.9954	0.9957	0.9989	0.9976	0.9984	0.9999	0.9891	0.9999
8.3	0.9949	0.9962	0.9984	0.9964	0.9984	0.9999	0.9888	0.9999
8.4	0.9962	0.9972	0.9991	0.9972	0.9985	0.9999	0.9900	0.9999
8.5	0.9961	0.9967	0.9990	0.9967	0.9986	0.9999	0.9905	0.9999
8.6	0.9963	0.9973	0.9990	0.9969	0.9986	0.9999	0.9907	0.9999
8.7	0.9968	0.9977	0.9991	0.9972	0.9980	0.9999	0.9900	0.9999
8.8	0.9962	0.9963	0.9985	0.9972	0.9966	0.9999	0.9838	0.9999
8.9	0.9966	0.9965	0.9986	0.9971	0.9963	0.9999	0.9838	0.9999
9.0	0.9957	0.9967	0.9986	0.9960	0.9931	0.9999	0.9702	0.9999
9.1	0.9971	0.9975	0.9989	0.9966	0.9959	0.9999	0.9838	0.9999
9.2	0.9951	0.9943	0.9970	0.9948	0.9789	0.9998	0.9426	0.9999
9.3	0.9935	0.9935	0.9957	0.9932	0.9641	0.9997	0.9298	0.9999
9.4	0.9922	0.9936	0.9952	0.9918	0.9485	0.9996	0.9285	0.9999
9.5	0.9895	0.9930	0.9952	0.9931	0.9308	0.9996	0.9363	0.9999
9.6	0.9925	0.9943	0.9967	0.9964	0.9465	0.9999	0.9668	0.9999
9.7	0.9941	0.9953	0.9976	0.9972	0.9407	0.9998	0.9759	0.9999
9.8	0.9969	0.9974	0.9987	0.9981	0.9555	0.9999	0.9858	0.9999
9.9	0.9974	0.9978	0.9991	0.9984	0.9723	0.9999	0.9904	0.9999
10.0	0.9974	0.9978	0.9990	0.9985	0.9849	0.9999	0.9946	0.9999
10.1	0.9969	0.9974	0.9989	0.9982	0.9889	0.9999	0.9938	0.9999
10.2	0.9974	0.9979	0.9992	0.9985	0.9911	0.9999	0.9948	0.9999
10.3	0.9974	0.9976	0.9991	0.9980	0.9930	0.9998	0.9938	0.9999
10.4	0.9964	0.9964	0.9987	0.9969	0.9907	0.9998	0.9906	0.9998
10.5	0.9978	0.9979	0.9991	0.9982	0.9947	0.9998	0.9917	0.9999
10.6	0.9978	0.9979	0.9992	0.9978	0.9922	0.9998	0.9903	0.9999
10.7	0.9981	0.9982	0.9992	0.9984	0.9927	0.9999	0.9913	0.9999
10.8	0.9979	0.9977	0.9990	0.9982	0.9913	0.9998	0.9893	0.9999
10.9	0.9980	0.9978	0.9989	0.9983	0.9906	0.9998	0.9844	0.9998
11.0	0.9983	0.9984	0.9992	0.9985	0.9952	0.9999	0.9895	0.9999
11.1	0.9985	0.9989	0.9993	0.9989	0.9946	0.9999	0.9906	0.9999
11.2	0.9979	0.9980	0.9990	0.9980	0.9921	0.9998	0.9851	0.9998
11.3	0.9983	0.9982	0.9992	0.9980	0.9952	0.9997	0.9849	0.9998
11.4	0.9984	0.9984	0.9992	0.9984	0.9954	0.9998	0.9875	0.9998
11.5	0.9983	0.9984	0.9992	0.9986	0.9962	0.9998	0.9892	0.9999
11.6	0.9983	0.9979	0.9991	0.9985	0.9960	0.9997	0.9845	0.9998
11.7	0.9984	0.9980	0.9992	0.9985	0.9956	0.9997	0.9840	0.9998
11.8	0.9981	0.9979	0.9988	0.9982	0.9950	0.9997	0.9812	0.9998
11.9	0.9981	0.9981	0.9988	0.9981	0.9949	0.9997	0.9817	0.9998
12.0	0.9983	0.9981	0.9990	0.9982	0.9959	0.9997	0.9784	0.9998
12.1	0.9980	0.9979	0.9988	0.9979	0.9965	0.9997	0.9823	0.9998
12.2	0.9983	0.9981	0.9990	0.9982	0.9961	0.9997	0.9799	0.9998
12.3	0.9983	0.9979	0.9988	0.9980	0.9956	0.9997	0.9780	0.9998
12.4	0.9982	0.9981	0.9989	0.9981	0.9958	0.9997	0.9801	0.9998
12.5	0.9989	0.9989	0.9993	0.9988	0.9966	0.9998	0.9834	0.9998
12.6	0.9988	0.9986	0.9991	0.9987	0.9960	0.9997	0.9812	0.9998
12.7	0.9986	0.9984	0.9991	0.9986	0.9951	0.9996	0.9791	0.9997
12.8	0.9984	0.9987	0.9990	0.9987	0.9947	0.9994	0.9770	0.9996
12.9	0.9991	0.9991	0.9993	0.9990	0.9934	0.9996	0.9749	0.9997
13.0	0.9992	0.9993	0.9994	0.9991	0.9950	0.9996	0.9764	0.9997
13.1	0.9992	0.9991	0.9994	0.9992	0.9951	0.9996	0.9743	0.9997
13.2	0.9982	0.9979	0.9986	0.9979	0.9934	0.9993	0.9663	0.9995
13.3	0.9985	0.9982	0.9988	0.9983	0.9942	0.9994	0.9736	0.9996
13.4	0.9991	0.9989	0.9993	0.9990	0.9940	0.9996	0.9781	0.9997
13.5	0.9979	0.9974	0.9984	0.9978	0.9911	0.9992	0.9707	0.9995
13.6	0.9970	0.9965	0.9976	0.9967	0.9913	0.9989	0.9741	0.9992
13.7	0.9975	0.9971	0.9980	0.9974	0.9914	0.9990	0.9760	0.9992
13.8	0.9981	0.9980	0.9985	0.9981	0.9936	0.9993	0.9802	0.9995
13.9	0.9979	0.9978	0.9984	0.9978	0.9924	0.9992	0.9802	0.9994
14.0	0.9970	0.9968	0.9976	0.9970	0.9902	0.9988	0.9748	0.9991
14.1	0.9968	0.9963	0.9974	0.9966	0.9893	0.9986	0.9765	0.9989
14.2	0.9964	0.9959	0.9970	0.9961	0.9889	0.9983	0.9709	0.9987
14.3	0.9956	0.9953	0.9963	0.9956	0.9883	0.9980	0.9700	0.9984
14.4	0.9956	0.9955	0.9964	0.9957	0.9897	0.9979	0.9678	0.9984
14.5	0.9956	0.9954	0.9961	0.9955	0.9892	0.9978	0.9693	0.9983
14.6	0.9943	0.9940	0.9950	0.9942	0.9884	0.9971	0.9717	0.9977
14.7	0.9937	0.9935	0.9945	0.9938	0.9892	0.9966	0.9682	0.9973
14.8	0.9960	0.9956	0.9963	0.9957	0.9882	0.9975	0.9676	0.9979
14.9	0.9967	0.9963	0.9971	0.9966	0.9877	0.9979	0.9681	0.9982
15.0	0.9956	0.9958	0.9963	0.9957	0.9913	0.9972	0.9720	0.9976
15.1	0.9939	0.9932	0.9941	0.9936	0.9908	0.9958	0.9676	0.9964
15.2	0.9931	0.9927	0.9934	0.9928	0.9902	0.9950	0.9703	0.9958
15.3	0.9898	0.9898	0.9907	0.9898	0.9898	0.9930	0.9684	0.9940
15.4	0.9869	0.9871	0.9880	0.9872	0.9864	0.9909	0.9677	0.9920
15.5	0.9705	0.9706	0.9723	0.9708	0.9834	0.9775	0.9284	0.9800
15.6	0.9767	0.9768	0.9777	0.9770	0.9778	0.9810	0.9623	0.9825
15.7	0.9607	0.9611	0.9622	0.9613	0.9776	0.9664	0.9316	0.9687
15.8	0.9567	0.9571	0.9575	0.9571	0.9543	0.9598	0.9356	0.9612
15.9	0.9691	0.9694	0.9692	0.9693	0.9651	0.9691	0.9573	0.9692
16.0	0.9723	0.9725	0.9719	0.9723	0.9755	0.9697	0.9635	0.9689
16.1	0.9837	0.9840	0.9834	0.9838	0.9836	0.9810	0.9798	0.9798
16.2	0.9903	0.9905	0.9899	0.9903	0.9807	0.9881	0.9894	0.9870
16.3	0.9895	0.9898	0.9890	0.9896	0.9704	0.9866	0.9850	0.9849
16.4	0.9909	0.9912	0.9904	0.9910	0.9686	0.9881	0.9829	0.9863
16.5	0.9955	0.9958	0.9954	0.9957	0.9692	0.9942	0.9814	0.9933

16.6	0.9978	0.9979	0.9977	0.9979	0.9645	0.9971	0.9740	0.9969
16.7	0.9976	0.9978	0.9975	0.9978	0.9480	0.9963	0.9529	0.9960
16.8	0.9949	0.9950	0.9942	0.9946	0.9580	0.9875	0.9522	0.9860
16.9	0.9938	0.9941	0.9930	0.9937	0.9565	0.9836	0.9405	0.9830
17.0	0.9968	0.9971	0.9965	0.9967	0.9651	0.9904	0.9496	0.9899
17.1	0.9947	0.9948	0.9938	0.9941	0.9539	0.9840	0.9364	0.9807
17.2	0.9934	0.9936	0.9926	0.9930	0.9391	0.9813	0.9085	0.9770
17.3	0.9969	0.9972	0.9968	0.9969	0.9530	0.9920	0.9207	0.9898
17.4	0.9990	0.9991	0.9990	0.9990	0.9787	0.9981	0.9593	0.9974
17.5	0.9991	0.9991	0.9989	0.9991	0.9858	0.9977	0.9738	0.9967
17.6	0.9985	0.9985	0.9983	0.9984	0.9783	0.9962	0.9584	0.9943
17.7	0.9990	0.9991	0.9990	0.9990	0.9801	0.9977	0.9573	0.9966
17.8	0.9995	0.9996	0.9995	0.9995	0.9864	0.9992	0.9628	0.9989
17.9	0.9995	0.9996	0.9995	0.9996	0.9890	0.9991	0.9685	0.9988
18.0	0.9994	0.9995	0.9994	0.9995	0.9881	0.9987	0.9642	0.9980
18.1	0.9994	0.9995	0.9994	0.9995	0.9870	0.9986	0.9595	0.9976
18.2	0.9992	0.9993	0.9991	0.9993	0.9832	0.9985	0.9433	0.9976
18.3	0.9994	0.9995	0.9994	0.9995	0.9890	0.9985	0.9525	0.9976
18.4	0.9995	0.9996	0.9994	0.9995	0.9900	0.9980	0.9511	0.9967
18.5	0.9993	0.9995	0.9991	0.9995	0.9841	0.9962	0.9226	0.9942
18.6	0.9995	0.9996	0.9994	0.9996	0.9760	0.9963	0.9206	0.9946
18.7	0.9994	0.9996	0.9994	0.9995	0.9847	0.9972	0.9555	0.9954
18.8	0.9996	0.9997	0.9997	0.9997	0.9930	0.9985	0.9845	0.9972
18.9	0.9996	0.9997	0.9996	0.9996	0.9945	0.9986	0.9880	0.9974
19.0	0.9992	0.9994	0.9992	0.9993	0.9886	0.9966	0.9744	0.9931
19.1	0.9994	0.9996	0.9994	0.9995	0.9912	0.9974	0.9810	0.9942
19.2	0.9994	0.9996	0.9994	0.9996	0.9902	0.9979	0.9821	0.9949
19.3	0.9994	0.9997	0.9995	0.9996	0.9924	0.9984	0.9860	0.9957
19.4	0.9994	0.9996	0.9995	0.9996	0.9942	0.9987	0.9888	0.9965
19.5	0.9994	0.9996	0.9995	0.9996	0.9910	0.9981	0.9823	0.9944
19.6	0.9994	0.9996	0.9994	0.9996	0.9923	0.9983	0.9820	0.9947
19.7	0.9992	0.9995	0.9993	0.9995	0.9924	0.9980	0.9836	0.9933
19.8	0.9992	0.9995	0.9994	0.9995	0.9891	0.9983	0.9804	0.9937
19.9	0.9995	0.9996	0.9995	0.9996	0.9892	0.9981	0.9810	0.9926
20.0	0.9993	0.9994	0.9994	0.9995	0.9883	0.9978	0.9755	0.9908
20.1	0.9992	0.9993	0.9993	0.9995	0.9882	0.9979	0.9758	0.9902
20.2	0.9992	0.9993	0.9993	0.9995	0.9851	0.9982	0.9740	0.9909
20.3	0.9993	0.9992	0.9993	0.9995	0.9872	0.9976	0.9784	0.9889
20.4	0.9990	0.9989	0.9990	0.9993	0.9802	0.9972	0.9709	0.9873
20.5	0.9990	0.9988	0.9990	0.9992	0.9712	0.9974	0.9688	0.9892
20.6	0.9989	0.9987	0.9989	0.9992	0.9711	0.9980	0.9703	0.9927
20.7	0.9988	0.9984	0.9988	0.9991	0.9775	0.9979	0.9697	0.9932
20.8	0.9989	0.9984	0.9988	0.9991	0.9756	0.9979	0.9632	0.9941
20.9	0.9990	0.9985	0.9989	0.9991	0.9755	0.9979	0.9662	0.9945
21.0	0.9987	0.9982	0.9987	0.9989	0.9750	0.9977	0.9682	0.9936
21.1	0.9983	0.9974	0.9982	0.9985	0.9746	0.9970	0.9695	0.9917
21.2	0.9984	0.9977	0.9983	0.9987	0.9746	0.9958	0.9664	0.9890
21.3	0.9986	0.9979	0.9985	0.9989	0.9712	0.9969	0.9690	0.9919
21.4	0.9982	0.9975	0.9981	0.9986	0.9483	0.9949	0.9563	0.9885
21.5	0.9982	0.9976	0.9981	0.9986	0.9531	0.9958	0.9730	0.9921
21.6	0.9985	0.9978	0.9984	0.9987	0.9364	0.9955	0.9662	0.9929
21.7	0.9980	0.9975	0.9981	0.9985	0.8904	0.9932	0.9493	0.9911
21.8	0.9975	0.9971	0.9976	0.9981	0.8391	0.9932	0.9440	0.9927
21.9	0.9971	0.9969	0.9974	0.9979	0.8137	0.9920	0.9608	0.9931
22.0	0.9975	0.9975	0.9978	0.9983	0.7241	0.9925	0.9461	0.9944
22.1	0.9979	0.9978	0.9981	0.9984	0.7035	0.9939	0.9301	0.9962
22.2	0.9969	0.9969	0.9971	0.9977	0.7518	0.9943	0.9359	0.9963
22.3	0.9949	0.9948	0.9953	0.9960	0.7910	0.9915	0.9320	0.9945
22.4	0.9937	0.9940	0.9941	0.9952	0.8450	0.9920	0.8995	0.9943
22.5	0.9919	0.9919	0.9922	0.9936	0.9057	0.9919	0.8976	0.9933
22.6	0.9882	0.9887	0.9889	0.9906	0.9433	0.9905	0.7967	0.9913
22.7	0.9924	0.9927	0.9929	0.9937	0.9687	0.9951	0.8054	0.9947
22.8	0.9868	0.9873	0.9877	0.9889	0.9676	0.9931	0.7732	0.9914
22.9	0.9848	0.9856	0.9854	0.9874	0.9684	0.9938	0.7461	0.9906
23.0	0.9858	0.9868	0.9866	0.9882	0.9690	0.9948	0.7666	0.9909
23.1	0.9788	0.9796	0.9793	0.9815	0.9659	0.9929	0.8137	0.9849
23.2	0.9856	0.9860	0.9852	0.9874	0.9690	0.9961	0.8221	0.9898
23.3	0.9876	0.9876	0.9876	0.9897	0.9759	0.9963	0.8152	0.9902
23.4	0.9735	0.9750	0.9743	0.9802	0.9627	0.9938	0.7315	0.9815
23.5	0.9711	0.9720	0.9724	0.9804	0.9453	0.9945	0.6810	0.9835
23.6	0.9840	0.9847	0.9857	0.9911	0.9223	0.9968	0.7883	0.9919
23.7	0.9820	0.9810	0.9835	0.9910	0.9253	0.9965	0.8366	0.9928
23.8	0.9901	0.9888	0.9908	0.9955	0.9419	0.9973	0.8578	0.9960
23.9	0.9879	0.9868	0.9894	0.9950	0.9415	0.9962	0.8278	0.9955
24.0	0.9876	0.9864	0.9893	0.9944	0.8909	0.9950	0.8037	0.9952
24.1	0.9891	0.9878	0.9913	0.9957	0.8280	0.9963	0.8513	0.9972
24.2	0.9941	0.9932	0.9951	0.9975	0.8091	0.9965	0.8927	0.9981
24.3	0.9952	0.9950	0.9962	0.9978	0.8025	0.9969	0.9098	0.9985
24.4	0.9954	0.9955	0.9968	0.9978	0.7557	0.9953	0.8945	0.9982
24.5	0.9966	0.9966	0.9973	0.9983	0.6793	0.9947	0.9203	0.9983
24.6	0.9965	0.9960	0.9968	0.9981	0.6428	0.9932	0.8843	0.9981
24.7	0.9980	0.9979	0.9982	0.9988	0.6607	0.9954	0.9185	0.9990
24.8	0.9977	0.9974	0.9977	0.9985	0.5519	0.9934	0.9243	0.9986
24.9	0.9979	0.9976	0.9980	0.9987	0.4574	0.9926	0.9210	0.9987
25.0	0.9984	0.9983	0.9985	0.9990	0.5536	0.9945	0.9263	0.9990
25.1	0.9986	0.9986	0.9986	0.9992	0.3325	0.9958	0.9369	0.9992

25.2	0.9982	0.9981	0.9983	0.9988	0.2249	0.9940	0.9234	0.9989
25.3	0.9983	0.9983	0.9983	0.9989	0.3166	0.9941	0.9111	0.9990
25.4	0.9991	0.9991	0.9990	0.9994	0.2873	0.9953	0.9445	0.9993
25.5	0.9985	0.9983	0.9984	0.9988	0.3965	0.9939	0.9369	0.9989
25.6	0.9983	0.9983	0.9982	0.9988	0.3877	0.9943	0.9334	0.9988
25.7	0.9979	0.9979	0.9978	0.9984	0.4665	0.9940	0.9429	0.9985
25.8	0.9985	0.9984	0.9983	0.9988	0.6446	0.9967	0.9677	0.9991
25.9	0.9987	0.9986	0.9987	0.9990	0.7473	0.9966	0.9713	0.9991
26.0	0.9985	0.9984	0.9984	0.9987	0.8128	0.9965	0.9654	0.9989
26.1	0.9981	0.9978	0.9979	0.9983	0.8269	0.9962	0.9606	0.9987
26.2	0.9982	0.9981	0.9980	0.9985	0.8852	0.9962	0.9696	0.9987
26.3	0.9984	0.9982	0.9981	0.9986	0.9214	0.9973	0.9734	0.9989
26.4	0.9985	0.9986	0.9984	0.9988	0.9286	0.9979	0.9735	0.9991
26.5	0.9983	0.9983	0.9981	0.9986	0.9486	0.9974	0.9573	0.9989
26.6	0.9989	0.9987	0.9985	0.9991	0.9622	0.9981	0.9656	0.9991
26.7	0.9989	0.9989	0.9987	0.9991	0.9615	0.9986	0.9750	0.9993
26.8	0.9987	0.9989	0.9986	0.9991	0.9612	0.9984	0.9713	0.9992
26.9	0.9980	0.9983	0.9979	0.9986	0.9630	0.9979	0.9664	0.9990
27.0	0.9974	0.9976	0.9972	0.9981	0.9713	0.9973	0.9666	0.9985
27.1	0.9976	0.9977	0.9974	0.9983	0.9684	0.9978	0.9720	0.9987
27.2	0.9968	0.9967	0.9965	0.9976	0.9725	0.9965	0.9795	0.9978
27.3	0.9951	0.9952	0.9946	0.9961	0.9753	0.9952	0.9777	0.9965
27.4	0.9959	0.9959	0.9957	0.9966	0.9712	0.9965	0.9821	0.9972
27.5	0.9953	0.9954	0.9950	0.9962	0.9744	0.9963	0.9804	0.9967
27.6	0.9932	0.9935	0.9927	0.9944	0.9662	0.9950	0.9771	0.9951
27.7	0.9927	0.9927	0.9922	0.9941	0.9612	0.9945	0.9793	0.9939
27.8	0.9936	0.9937	0.9929	0.9947	0.9621	0.9955	0.9833	0.9944
27.9	0.9920	0.9918	0.9908	0.9929	0.9706	0.9946	0.9891	0.9928
28.0	0.9933	0.9932	0.9924	0.9942	0.9767	0.9963	0.9886	0.9944
28.1	0.9911	0.9909	0.9902	0.9925	0.9707	0.9955	0.9846	0.9926
28.2	0.9907	0.9906	0.9903	0.9917	0.9684	0.9957	0.9864	0.9922
28.3	0.9897	0.9894	0.9897	0.9903	0.9670	0.9953	0.9863	0.9910
28.4	0.9894	0.9891	0.9888	0.9906	0.9733	0.9955	0.9922	0.9916
28.5	0.9877	0.9868	0.9859	0.9898	0.9660	0.9947	0.9904	0.9904
28.6	0.9849	0.9853	0.9831	0.9892	0.9437	0.9944	0.9873	0.9911
28.7	0.9864	0.9879	0.9859	0.9923	0.9407	0.9958	0.9917	0.9942
28.8	0.9857	0.9875	0.9848	0.9916	0.9502	0.9955	0.9936	0.9942
28.9	0.9859	0.9860	0.9831	0.9914	0.9526	0.9946	0.9917	0.9938
29.0	0.9821	0.9816	0.9790	0.9903	0.9538	0.9932	0.9913	0.9942
29.1	0.9869	0.9865	0.9841	0.9928	0.9517	0.9934	0.9919	0.9958
29.2	0.9914	0.9904	0.9887	0.9952	0.9670	0.9948	0.9931	0.9973
29.3	0.9940	0.9931	0.9915	0.9966	0.9675	0.9956	0.9947	0.9981
29.4	0.9916	0.9910	0.9882	0.9955	0.9651	0.9918	0.9928	0.9974
29.5	0.9903	0.9899	0.9863	0.9946	0.9577	0.9898	0.9895	0.9974
29.6	0.9922	0.9926	0.9910	0.9960	0.9622	0.9905	0.9896	0.9980
29.7	0.9929	0.9926	0.9921	0.9959	0.9625	0.9872	0.9901	0.9979
29.8	0.9939	0.9941	0.9935	0.9962	0.9708	0.9905	0.9905	0.9988
29.9	0.9926	0.9932	0.9927	0.9956	0.9519	0.9815	0.9833	0.9978
30.0	0.9940	0.9934	0.9937	0.9963	0.9426	0.9832	0.9828	0.9984
30.1	0.9928	0.9925	0.9930	0.9960	0.9653	0.9796	0.9875	0.9982
30.2	0.9946	0.9944	0.9946	0.9969	0.9659	0.9805	0.9795	0.9985
30.3	0.9957	0.9960	0.9954	0.9971	0.9642	0.9861	0.9757	0.9989
30.4	0.9961	0.9967	0.9959	0.9976	0.9637	0.9898	0.9856	0.9991
30.5	0.9961	0.9963	0.9960	0.9978	0.9577	0.9887	0.9861	0.9992
30.6	0.9955	0.9947	0.9948	0.9970	0.9609	0.9866	0.9805	0.9990
30.7	0.9961	0.9964	0.9959	0.9974	0.9618	0.9873	0.9818	0.9991
30.8	0.9965	0.9967	0.9960	0.9974	0.9614	0.9900	0.9802	0.9992
30.9	0.9960	0.9968	0.9958	0.9974	0.9580	0.9893	0.9804	0.9990
31.0	0.9947	0.9961	0.9953	0.9970	0.9657	0.9909	0.9843	0.9991
31.1	0.9923	0.9948	0.9938	0.9961	0.9663	0.9899	0.9837	0.9990
31.2	0.9925	0.9949	0.9933	0.9957	0.9685	0.9913	0.9871	0.9989
31.3	0.9937	0.9957	0.9943	0.9963	0.9702	0.9931	0.9870	0.9990
31.4	0.9920	0.9953	0.9931	0.9954	0.9607	0.9929	0.9847	0.9989
31.5	0.9934	0.9964	0.9946	0.9964	0.9636	0.9939	0.9847	0.9990
31.6	0.9936	0.9966	0.9949	0.9964	0.9675	0.9949	0.9827	0.9991
31.7	0.9911	0.9959	0.9936	0.9951	0.9696	0.9945	0.9795	0.9989
31.8	0.9922	0.9958	0.9941	0.9956	0.9644	0.9948	0.9769	0.9988
31.9	0.9865	0.9935	0.9899	0.9925	0.9488	0.9928	0.9685	0.9981
32.0	0.9875	0.9943	0.9906	0.9934	0.9518	0.9946	0.9600	0.9985
32.1	0.9843	0.9940	0.9893	0.9924	0.9561	0.9951	0.9625	0.9984
32.2	0.9806	0.9927	0.9876	0.9905	0.9518	0.9944	0.9396	0.9979
32.3	0.9844	0.9937	0.9899	0.9923	0.9473	0.9948	0.9275	0.9981
32.4	0.9863	0.9949	0.9913	0.9932	0.9517	0.9956	0.9368	0.9983
32.5	0.9843	0.9952	0.9906	0.9926	0.9540	0.9951	0.9323	0.9979
32.6	0.9835	0.9954	0.9900	0.9924	0.9537	0.9961	0.9030	0.9983
32.7	0.9842	0.9954	0.9900	0.9928	0.9311	0.9958	0.8801	0.9979
32.8	0.9826	0.9945	0.9889	0.9920	0.9283	0.9940	0.8061	0.9969
32.9	0.9875	0.9952	0.9917	0.9941	0.9380	0.9954	0.8093	0.9977
33.0	0.9914	0.9961	0.9942	0.9960	0.9163	0.9966	0.8471	0.9983
33.1	0.9891	0.9948	0.9917	0.9946	0.8973	0.9958	0.8778	0.9979
33.2	0.9900	0.9957	0.9928	0.9953	0.8925	0.9960	0.9383	0.9980
33.3	0.9874	0.9942	0.9911	0.9943	0.8751	0.9939	0.9582	0.9972
33.4	0.9899	0.9951	0.9928	0.9951	0.8830	0.9948	0.9611	0.9978
33.5	0.9878	0.9939	0.9909	0.9943	0.8175	0.9943	0.9557	0.9976
33.6	0.9862	0.9914	0.9884	0.9932	0.7413	0.9927	0.9349	0.9974
33.7	0.9899	0.9932	0.9922	0.9954	0.7997	0.9937	0.9550	0.9979

33.8	0.9885	0.9944	0.9916	0.9956	0.8491	0.9932	0.9562	0.9981
33.9	0.9891	0.9939	0.9921	0.9953	0.8584	0.9931	0.9563	0.9981
34.0	0.9906	0.9936	0.9920	0.9951	0.8805	0.9938	0.9626	0.9981
34.1	0.9933	0.9946	0.9936	0.9960	0.8777	0.9947	0.9677	0.9983
34.2	0.9928	0.9927	0.9916	0.9948	0.8757	0.9938	0.9637	0.9978
34.3	0.9883	0.9882	0.9855	0.9905	0.8766	0.9910	0.9641	0.9962
34.4	0.9912	0.9920	0.9905	0.9936	0.8972	0.9933	0.9725	0.9970
34.5	0.9935	0.9928	0.9934	0.9955	0.8634	0.9931	0.9712	0.9971
34.6	0.9942	0.9923	0.9933	0.9954	0.8752	0.9940	0.9790	0.9974
34.7	0.9916	0.9878	0.9895	0.9927	0.8583	0.9916	0.9813	0.9961
34.8	0.9949	0.9911	0.9927	0.9952	0.9239	0.9929	0.9867	0.9973
34.9	0.9960	0.9889	0.9923	0.9950	0.9481	0.9927	0.9873	0.9975
35.0	0.9969	0.9902	0.9942	0.9958	0.9564	0.9936	0.9900	0.9982
35.1	0.9940	0.9817	0.9877	0.9921	0.9188	0.9880	0.9839	0.9969
35.2	0.9947	0.9782	0.9841	0.9916	0.9288	0.9871	0.9834	0.9971
35.3	0.9944	0.9794	0.9826	0.9916	0.9438	0.9851	0.9821	0.9977
35.4	0.9948	0.9854	0.9852	0.9942	0.9614	0.9863	0.9811	0.9985
35.5	0.9947	0.9837	0.9825	0.9931	0.9640	0.9855	0.9791	0.9984
35.6	0.9947	0.9872	0.9837	0.9935	0.9611	0.9835	0.9810	0.9983
35.7	0.9944	0.9892	0.9845	0.9946	0.9566	0.9878	0.9849	0.9985
35.8	0.9950	0.9941	0.9910	0.9960	0.9680	0.9916	0.9855	0.9990
35.9	0.9897	0.9903	0.9869	0.9923	0.9550	0.9849	0.9772	0.9981
36.0	0.9923	0.9935	0.9901	0.9949	0.9737	0.9879	0.9901	0.9984
36.1	0.9908	0.9943	0.9885	0.9940	0.9823	0.9896	0.9896	0.9984
36.2	0.9884	0.9928	0.9855	0.9918	0.9801	0.9851	0.9906	0.9976
36.3	0.9864	0.9900	0.9781	0.9875	0.9756	0.9825	0.9906	0.9978
36.4	0.9851	0.9895	0.9768	0.9877	0.9772	0.9814	0.9919	0.9977
36.5	0.9870	0.9885	0.9764	0.9887	0.9774	0.9781	0.9925	0.9978
36.6	0.9883	0.9908	0.9726	0.9868	0.9816	0.9807	0.9936	0.9983
36.7	0.9903	0.9932	0.9768	0.9903	0.9841	0.9828	0.9942	0.9988
36.8	0.9861	0.9927	0.9711	0.9889	0.9833	0.9696	0.9934	0.9984
36.9	0.9842	0.9920	0.9668	0.9863	0.9841	0.9678	0.9923	0.9985
37.0	0.9777	0.9929	0.9730	0.9861	0.9799	0.9690	0.9927	0.9987
37.1	0.9780	0.9924	0.9691	0.9859	0.9807	0.9679	0.9930	0.9987
37.2	0.9760	0.9943	0.9718	0.9877	0.9865	0.9745	0.9936	0.9989
37.3	0.9741	0.9924	0.9705	0.9867	0.9870	0.9673	0.9931	0.9988
37.4	0.9725	0.9941	0.9802	0.9907	0.9902	0.9683	0.9938	0.9989
37.5	0.9626	0.9928	0.9844	0.9905	0.9908	0.9755	0.9931	0.9991
37.6	0.9689	0.9949	0.9856	0.9917	0.9903	0.9758	0.9942	0.9992
37.7	0.9661	0.9953	0.9802	0.9905	0.9893	0.9695	0.9944	0.9991
37.8	0.9529	0.9912	0.9804	0.9915	0.9851	0.9705	0.9934	0.9992
37.9	0.9526	0.9914	0.9778	0.9891	0.9861	0.9726	0.9923	0.9990
38.0	0.9576	0.9931	0.9808	0.9880	0.9898	0.9711	0.9944	0.9989
38.1	0.9630	0.9927	0.9826	0.9892	0.9882	0.9708	0.9919	0.9990
38.2	0.9634	0.9936	0.9875	0.9919	0.9888	0.9763	0.9940	0.9991
38.3	0.9706	0.9935	0.9893	0.9905	0.9900	0.9756	0.9946	0.9992
38.4	0.9737	0.9936	0.9880	0.9888	0.9911	0.9721	0.9936	0.9990
38.5	0.9737	0.9938	0.9874	0.9900	0.9882	0.9722	0.9931	0.9991
38.6	0.9773	0.9946	0.9898	0.9910	0.9889	0.9820	0.9934	0.9993
38.7	0.9614	0.9924	0.9816	0.9873	0.9851	0.9729	0.9905	0.9989
38.8	0.9665	0.9899	0.9812	0.9879	0.9848	0.9750	0.9901	0.9991
38.9	0.9749	0.9892	0.9839	0.9901	0.9894	0.9740	0.9931	0.9992
39.0	0.9779	0.9904	0.9839	0.9897	0.9880	0.9755	0.9933	0.9991
39.1	0.9726	0.9887	0.9814	0.9860	0.9847	0.9802	0.9928	0.9990
39.2	0.9699	0.9870	0.9813	0.9853	0.9897	0.9776	0.9942	0.9990
39.3	0.9688	0.9874	0.9835	0.9868	0.9876	0.9737	0.9943	0.9989
39.4	0.9689	0.9854	0.9861	0.9891	0.9864	0.9743	0.9936	0.9989
39.5	0.9768	0.9835	0.9872	0.9889	0.9863	0.9771	0.9935	0.9993
39.6	0.9641	0.9797	0.9831	0.9842	0.9853	0.9691	0.9913	0.9990
39.7	0.9519	0.9769	0.9791	0.9781	0.9860	0.9602	0.9910	0.9987
39.8	0.9524	0.9812	0.9820	0.9816	0.9871	0.9723	0.9912	0.9990
39.9	0.9510	0.9771	0.9782	0.9798	0.9822	0.9646	0.9917	0.9990
40.0	0.9394	0.9700	0.9708	0.9739	0.9758	0.9553	0.9895	0.9989
40.1	0.9152	0.9698	0.9678	0.9701	0.9740	0.9435	0.9902	0.9987
40.2	0.9211	0.9797	0.9785	0.9754	0.9801	0.9642	0.9902	0.9992
40.3	0.8937	0.9772	0.9722	0.9713	0.9828	0.9553	0.9910	0.9992
40.4	0.8561	0.9723	0.9674	0.9686	0.9812	0.9401	0.9914	0.9992
40.5	0.8038	0.9660	0.9622	0.9639	0.9725	0.9529	0.9888	0.9993
40.6	0.6250	0.9640	0.9476	0.9453	0.9749	0.9494	0.9840	0.9990
40.7	0.4243	0.9668	0.9438	0.9511	0.9719	0.9411	0.9861	0.9992
40.8	0.3381	0.9631	0.9225	0.9419	0.9615	0.9315	0.9811	0.9991
40.9	0.2520	0.9608	0.9221	0.9425	0.9648	0.9390	0.9824	0.9991
41.0	0.2909	0.9669	0.8997	0.9437	0.9671	0.9543	0.9826	0.9993
41.1	0.5945	0.9655	0.8464	0.9428	0.9664	0.9601	0.9847	0.9993
41.2	0.7447	0.9611	0.8103	0.9475	0.9649	0.9722	0.9803	0.9994
41.3	0.7735	0.9577	0.7926	0.9537	0.9674	0.9653	0.9766	0.9993
41.4	0.8035	0.9584	0.7925	0.9648	0.9644	0.9602	0.9709	0.9993
41.5	0.8213	0.9609	0.7399	0.9657	0.9407	0.9591	0.9695	0.9994
41.6	0.8278	0.9646	0.7297	0.9516	0.9186	0.9511	0.9538	0.9991
41.7	0.8744	0.9551	0.6928	0.9422	0.9270	0.9591	0.9616	0.9991
41.8	0.9114	0.9528	0.6085	0.9450	0.9267	0.9615	0.9592	0.9992
41.9	0.9548	0.9654	0.7951	0.9694	0.9391	0.9648	0.9700	0.9993
42.0	0.9330	0.9657	0.8038	0.9669	0.9354	0.9620	0.9640	0.9990
42.1	0.9185	0.9459	0.7725	0.9511	0.8983	0.9624	0.9396	0.9988
42.2	0.9334	0.9569	0.8530	0.9601	0.9201	0.9697	0.9496	0.9989
42.3	0.9041	0.9401	0.8590	0.9561	0.9135	0.9754	0.9440	0.9988

42.4	0.9051	0.9354	0.8747	0.9602	0.9268	0.9726	0.9447	0.9988
42.5	0.9267	0.9496	0.8658	0.9652	0.9209	0.9639	0.9421	0.9988
42.6	0.9488	0.9567	0.8939	0.9752	0.8943	0.9699	0.9459	0.9992
42.7	0.9720	0.9457	0.8949	0.9761	0.8902	0.9681	0.9327	0.9992
42.8	0.9643	0.9258	0.8653	0.9716	0.8744	0.9767	0.9054	0.9991
42.9	0.9428	0.9087	0.8479	0.9614	0.8423	0.9700	0.8937	0.9990
43.0	0.9369	0.9361	0.8865	0.9662	0.8687	0.9737	0.9074	0.9990
43.1	0.9436	0.9287	0.8876	0.9682	0.8824	0.9757	0.9068	0.9990
43.2	0.9686	0.9274	0.9067	0.9770	0.8975	0.9782	0.9193	0.9994
43.3	0.9620	0.9110	0.9028	0.9755	0.9108	0.9807	0.9264	0.9996
43.4	0.9570	0.8985	0.8985	0.9769	0.8842	0.9837	0.9397	0.9995
43.5	0.9496	0.9210	0.9016	0.9760	0.8848	0.9790	0.9521	0.9994
43.6	0.9293	0.8937	0.8643	0.9677	0.8459	0.9740	0.9229	0.9992
43.7	0.9467	0.8979	0.8427	0.9687	0.8284	0.9759	0.8944	0.9992
43.8	0.9411	0.8612	0.7332	0.9617	0.8175	0.9768	0.8826	0.9994
43.9	0.9538	0.8640	0.7964	0.9741	0.7940	0.9843	0.8965	0.9995
44.0	0.9511	0.8742	0.8509	0.9681	0.7286	0.9817	0.8633	0.9993
44.1	0.8903	0.8696	0.7973	0.9317	0.7607	0.9764	0.8263	0.9987
44.2	0.8910	0.8796	0.7817	0.9388	0.8276	0.9800	0.8296	0.9990
44.3	0.9118	0.8880	0.7848	0.9515	0.7567	0.9780	0.7830	0.9991
44.4	0.9435	0.9241	0.8615	0.9640	0.8008	0.9844	0.8168	0.9993
44.5	0.9341	0.9012	0.8420	0.9601	0.8349	0.9820	0.7965	0.9992
44.6	0.9171	0.8839	0.8132	0.9478	0.8407	0.9815	0.7847	0.9991
44.7	0.9169	0.8961	0.8358	0.9418	0.7876	0.9769	0.8010	0.9991
44.8	0.8012	0.8438	0.6943	0.8953	0.7718	0.9754	0.7554	0.9991
44.9	0.8536	0.7741	0.4172	0.9207	0.8106	0.9827	0.7452	0.9992
45.0	0.9242	0.7673	0.4687	0.9525	0.8483	0.9847	0.7565	0.9993
45.1	0.9391	0.8310	0.6794	0.9587	0.7547	0.9844	0.7168	0.9992
45.2	0.9089	0.8263	0.6171	0.9435	0.6605	0.9816	0.6198	0.9989
45.3	0.9199	0.8422	0.5816	0.9457	0.6979	0.9878	0.6674	0.9993
45.4	0.9456	0.8815	0.6127	0.9668	0.7518	0.9874	0.7293	0.9994
45.5	0.9175	0.8389	0.5695	0.9488	0.8098	0.9873	0.7616	0.9995
45.6	0.9246	0.7776	0.5593	0.9453	0.8205	0.9870	0.7941	0.9995
45.7	0.9168	0.6994	0.3900	0.9502	0.7671	0.9853	0.7259	0.9993
45.8	0.9250	0.7081	0.3973	0.9649	0.8131	0.9868	0.7535	0.9993
45.9	0.9255	0.7841	0.5475	0.9588	0.8271	0.9887	0.8102	0.9993
46.0	0.9501	0.9018	0.7901	0.9705	0.8727	0.9914	0.8609	0.9995
46.1	0.9261	0.8567	0.7341	0.9628	0.7963	0.9895	0.7779	0.9994
46.2	0.8716	0.7772	0.5581	0.9595	0.7916	0.9906	0.7615	0.9996
46.3	0.8815	0.8440	0.6639	0.9655	0.7950	0.9931	0.7984	0.9997
46.4	0.8521	0.8205	0.6490	0.9563	0.7233	0.9911	0.7609	0.9997
46.5	0.8100	0.8127	0.6214	0.9563	0.7389	0.9920	0.8167	0.9995
46.6	0.7631	0.7694	0.4107	0.9572	0.7913	0.9924	0.8172	0.9995
46.7	0.8436	0.7961	0.1011	0.9742	0.8228	0.9935	0.8426	0.9996
46.8	0.8710	0.7785	0.1928	0.9714	0.7902	0.9935	0.8341	0.9997
46.9	0.9087	0.8024	0.1982	0.9763	0.8362	0.9948	0.8990	0.9998
47.0	0.9078	0.8452	0.4952	0.9801	0.8588	0.9953	0.8958	0.9998
47.1	0.8869	0.8209	0.5016	0.9767	0.8328	0.9960	0.8910	0.9997
47.2	0.8691	0.7503	0.5972	0.9644	0.8142	0.9951	0.8639	0.9996
47.3	0.7983	0.7096	0.5912	0.9552	0.7574	0.9924	0.8485	0.9995
47.4	0.7842	0.7120	0.6203	0.9642	0.7465	0.9930	0.8421	0.9996
47.5	0.8591	0.7821	0.6674	0.9679	0.8399	0.9963	0.8690	0.9997
47.6	0.8254	0.6936	0.5996	0.9488	0.8451	0.9952	0.8119	0.9997
47.7	0.8818	0.8257	0.7824	0.9718	0.8278	0.9957	0.8310	0.9997
47.8	0.9356	0.8992	0.8527	0.9826	0.8764	0.9966	0.8866	0.9997
47.9	0.8991	0.8624	0.7809	0.9742	0.8405	0.9955	0.8650	0.9997
48.0	0.8458	0.8211	0.7294	0.9633	0.8116	0.9947	0.8466	0.9996
48.1	0.8599	0.8452	0.7970	0.9728	0.8532	0.9971	0.8545	0.9997
48.2	0.8329	0.8297	0.7751	0.9756	0.8860	0.9970	0.8737	0.9997
48.3	0.8799	0.8483	0.8097	0.9778	0.8629	0.9965	0.8940	0.9998
48.4	0.9453	0.8797	0.8769	0.9822	0.8252	0.9953	0.9087	0.9998
48.5	0.9417	0.8979	0.8718	0.9825	0.7715	0.9963	0.9078	0.9998
48.6	0.9170	0.8687	0.8398	0.9801	0.8259	0.9975	0.9154	0.9997
48.7	0.9008	0.8455	0.8590	0.9740	0.8711	0.9962	0.9102	0.9997
48.8	0.8652	0.7973	0.8451	0.9647	0.8005	0.9946	0.9074	0.9996
48.9	0.8241	0.7276	0.7762	0.9573	0.7759	0.9956	0.8881	0.9995
49.0	0.8271	0.7346	0.7688	0.9545	0.8157	0.9943	0.9002	0.9996
49.1	0.8819	0.8345	0.8261	0.9643	0.8404	0.9942	0.8933	0.9997
49.2	0.8999	0.8529	0.8498	0.9687	0.8499	0.9950	0.8981	0.9997
49.3	0.8935	0.8514	0.8505	0.9683	0.7921	0.9955	0.8715	0.9997
49.4	0.5600	0.5154	0.6628	0.9118	0.8559	0.9961	0.8596	0.9997
49.5	0.3658	0.3054	0.4601	0.8083	0.8192	0.9953	0.8785	0.9997
49.6	0.6300	0.5662	0.6719	0.8908	0.7276	0.9951	0.8894	0.9997
49.7	0.8567	0.7781	0.8412	0.9651	0.7279	0.9894	0.9023	0.9995
49.8	0.7984	0.6643	0.7627	0.9379	0.5772	0.9305	0.8751	0.9979
49.9	0.8619	0.7652	0.8041	0.9472	0.5994	0.9266	0.8774	0.9980
50.0	0.9286	0.8751	0.8297	0.9526	0.6294	0.9847	0.8643	0.9993
50.1	0.9583	0.9247	0.8385	0.9517	0.7799	0.9945	0.8716	0.9996
50.2	0.9474	0.8987	0.7909	0.9352	0.7038	0.9945	0.8467	0.9994
50.3	0.9373	0.8825	0.7957	0.9364	0.7832	0.9962	0.8507	0.9994
50.4	0.9345	0.8785	0.8096	0.9444	0.7313	0.9971	0.8412	0.9995
50.5	0.9503	0.9178	0.8504	0.9600	0.7482	0.9975	0.8353	0.9996
50.6	0.9650	0.9478	0.8927	0.9643	0.7261	0.9973	0.8535	0.9996
50.7	0.9739	0.9574	0.9015	0.9670	0.6907	0.9969	0.8461	0.9995
50.8	0.9825	0.9619	0.9043	0.9750	0.7531	0.9970	0.8553	0.9994
50.9	0.9798	0.9565	0.9140	0.9777	0.7546	0.9971	0.8603	0.9995

51.0	0.9713	0.9526	0.9139	0.9775	0.8351	0.9974	0.8900	0.9995
51.1	0.9430	0.9093	0.9313	0.9829	0.7861	0.9948	0.8954	0.9993
51.2	0.9156	0.8759	0.9282	0.9783	0.6605	0.9904	0.8743	0.9989
51.3	0.9536	0.9305	0.9170	0.9757	0.7289	0.9958	0.8868	0.9994
51.4	0.9638	0.9229	0.8813	0.9718	0.7786	0.9978	0.8338	0.9995
51.5	0.9721	0.9306	0.9095	0.9738	0.8270	0.9980	0.8120	0.9996
51.6	0.9724	0.9312	0.9293	0.9758	0.8267	0.9978	0.8181	0.9994
51.7	0.9735	0.9467	0.9424	0.9759	0.8247	0.9975	0.8466	0.9992
51.8	0.9818	0.9640	0.9605	0.9846	0.7774	0.9976	0.8771	0.9995
51.9	0.9780	0.9564	0.9475	0.9821	0.7969	0.9985	0.9089	0.9994
52.0	0.9797	0.9626	0.9462	0.9807	0.7999	0.9986	0.8925	0.9994
52.1	0.9802	0.9696	0.9557	0.9795	0.7751	0.9981	0.8668	0.9993
52.2	0.9855	0.9799	0.9688	0.9864	0.8356	0.9984	0.8886	0.9995
52.3	0.9826	0.9797	0.9684	0.9851	0.8453	0.9985	0.9083	0.9995
52.4	0.9682	0.9554	0.9360	0.9746	0.8283	0.9980	0.8853	0.9993
52.5	0.9734	0.9641	0.9501	0.9807	0.8441	0.9986	0.8382	0.9993
52.6	0.9824	0.9742	0.9624	0.9852	0.8764	0.9987	0.8625	0.9995
52.7	0.9744	0.9721	0.9518	0.9835	0.8588	0.9990	0.8645	0.9996
52.8	0.9621	0.9639	0.9235	0.9762	0.8025	0.9985	0.8045	0.9993
52.9	0.9540	0.9540	0.9154	0.9728	0.8089	0.9985	0.8225	0.9991
53.0	0.9430	0.9515	0.9053	0.9677	0.8421	0.9984	0.8751	0.9989
53.1	0.9637	0.9662	0.9418	0.9752	0.8497	0.9986	0.8593	0.9991
53.2	0.9695	0.9698	0.9524	0.9792	0.8455	0.9985	0.8152	0.9992
53.3	0.9721	0.9776	0.9610	0.9815	0.8122	0.9982	0.8236	0.9993
53.4	0.9656	0.9717	0.9514	0.9787	0.7793	0.9982	0.7615	0.9992
53.5	0.9759	0.9802	0.9616	0.9868	0.8028	0.9986	0.7427	0.9994
53.6	0.9764	0.9768	0.9617	0.9846	0.8075	0.9988	0.8361	0.9994
53.7	0.9693	0.9706	0.9514	0.9806	0.8151	0.9984	0.8028	0.9993
53.8	0.9520	0.9657	0.9366	0.9718	0.8392	0.9981	0.8096	0.9990
53.9	0.9625	0.9724	0.9581	0.9775	0.8028	0.9985	0.8006	0.9992
54.0	0.9671	0.9781	0.9593	0.9816	0.7566	0.9983	0.7846	0.9992
54.1	0.9682	0.9754	0.9559	0.9789	0.7015	0.9984	0.7917	0.9992
54.2	0.9570	0.9700	0.9376	0.9736	0.7325	0.9984	0.7503	0.9991
54.3	0.9605	0.9727	0.9480	0.9774	0.7995	0.9986	0.8433	0.9992
54.4	0.9501	0.9609	0.9352	0.9672	0.7216	0.9984	0.7903	0.9988
54.5	0.9275	0.9511	0.9164	0.9524	0.6961	0.9982	0.8059	0.9989
54.6	0.9351	0.9473	0.9086	0.9596	0.6931	0.9978	0.8020	0.9988
54.7	0.9462	0.9641	0.9287	0.9719	0.7692	0.9990	0.8872	0.9993
54.8	0.9463	0.9634	0.9269	0.9745	0.8330	0.9991	0.8970	0.9994
54.9	0.9532	0.9661	0.9332	0.9771	0.8153	0.9989	0.8519	0.9993
55.0	0.9574	0.9639	0.9338	0.9753	0.8063	0.9987	0.8857	0.9994
55.1	0.9475	0.9568	0.9256	0.9705	0.7895	0.9987	0.9041	0.9993
55.2	0.9418	0.9443	0.9102	0.9670	0.7859	0.9986	0.8787	0.9991
55.3	0.9258	0.9331	0.8704	0.9568	0.7464	0.9985	0.8468	0.9991
55.4	0.9413	0.9371	0.8739	0.9605	0.7776	0.9979	0.8651	0.9991
55.5	0.9445	0.9418	0.8911	0.9611	0.8412	0.9985	0.9128	0.9991
55.6	0.9604	0.9557	0.9159	0.9692	0.8251	0.9988	0.9258	0.9991
55.7	0.9551	0.9334	0.8930	0.9635	0.7930	0.9986	0.9184	0.9992
55.8	0.9421	0.9336	0.8797	0.9612	0.8174	0.9985	0.9143	0.9993
55.9	0.9396	0.9372	0.8764	0.9643	0.8132	0.9991	0.8777	0.9996
56.0	0.9361	0.9088	0.8358	0.9548	0.8053	0.9990	0.8842	0.9993
56.1	0.9426	0.9064	0.8540	0.9595	0.8084	0.9987	0.8838	0.9990
56.2	0.9560	0.9129	0.8563	0.9598	0.8605	0.9990	0.9194	0.9991
56.3	0.9378	0.8898	0.8291	0.9531	0.8155	0.9989	0.9078	0.9990
56.4	0.9435	0.9252	0.8479	0.9597	0.8215	0.9991	0.9180	0.9993
56.5	0.9409	0.9173	0.8284	0.9544	0.8265	0.9991	0.9137	0.9994
56.6	0.9474	0.8882	0.8142	0.9484	0.8270	0.9990	0.9129	0.9991
56.7	0.9623	0.8933	0.8138	0.9555	0.8541	0.9989	0.9380	0.9989
56.8	0.9534	0.9033	0.8371	0.9556	0.8694	0.9989	0.9305	0.9983
56.9	0.9610	0.9232	0.8696	0.9624	0.8521	0.9991	0.9270	0.9986
57.0	0.9640	0.9157	0.8893	0.9627	0.8390	0.9990	0.9419	0.9990
57.1	0.9718	0.9221	0.9060	0.9714	0.8623	0.9992	0.9528	0.9990
57.2	0.9706	0.9225	0.8932	0.9709	0.8794	0.9993	0.9526	0.9989
57.3	0.9599	0.9016	0.8565	0.9596	0.8617	0.9992	0.9410	0.9986
57.4	0.9582	0.8963	0.8493	0.9564	0.8771	0.9990	0.9404	0.9985
57.5	0.9576	0.9003	0.8724	0.9515	0.8622	0.9986	0.9456	0.9986
57.6	0.9576	0.8903	0.8601	0.9513	0.8309	0.9990	0.9587	0.9986
57.7	0.9588	0.8945	0.8672	0.9523	0.8116	0.9988	0.9574	0.9983
57.8	0.9639	0.9211	0.8899	0.9620	0.8252	0.9989	0.9659	0.9986
57.9	0.9624	0.9169	0.8896	0.9603	0.8224	0.9986	0.9428	0.9986
58.0	0.9755	0.9393	0.9213	0.9714	0.8748	0.9992	0.9668	0.9987
58.1	0.9768	0.9441	0.9407	0.9704	0.8989	0.9992	0.9705	0.9988
58.2	0.9715	0.9545	0.9363	0.9706	0.8742	0.9989	0.9707	0.9982
58.3	0.9793	0.9482	0.9263	0.9729	0.8726	0.9988	0.9793	0.9981
58.4	0.9845	0.9334	0.9338	0.9766	0.9256	0.9994	0.9855	0.9989
58.5	0.9778	0.9435	0.9370	0.9722	0.9159	0.9992	0.9835	0.9984
58.6	0.9658	0.9246	0.9172	0.9559	0.9238	0.9990	0.9841	0.9980
58.7	0.9683	0.9246	0.9146	0.9630	0.9246	0.9991	0.9837	0.9979
58.8	0.9695	0.9258	0.9176	0.9607	0.9183	0.9991	0.9831	0.9979
58.9	0.9633	0.9249	0.9164	0.9591	0.9213	0.9988	0.9818	0.9974
59.0	0.9602	0.9309	0.9011	0.9589	0.8948	0.9987	0.9785	0.9965
59.1	0.9594	0.9334	0.9038	0.9609	0.9320	0.9989	0.9828	0.9975
59.2	0.9694	0.9358	0.9017	0.9692	0.9562	0.9993	0.9855	0.9972
59.3	0.9753	0.9479	0.9086	0.9740	0.9512	0.9991	0.9851	0.9957
59.4	0.9746	0.9497	0.9134	0.9734	0.9423	0.9988	0.9825	0.9935
59.5	0.9679	0.9425	0.9101	0.9715	0.9333	0.9987	0.9859	0.9941

59.6	0.9621	0.9420	0.9147	0.9681	0.9414	0.9988	0.9889	0.9927
59.7	0.9591	0.9511	0.9271	0.9667	0.9354	0.9986	0.9879	0.9911
59.8	0.9640	0.9483	0.9221	0.9635	0.9311	0.9983	0.9821	0.9869
59.9	0.8754	0.8288	0.6228	0.7229	0.1059	0.8359	0.9692	0.8202
60.0	0.7363	0.6718	0.4348	0.4574	0.0506	0.5810	0.9449	0.6790
60.1	0.8901	0.8553	0.7138	0.7433	0.1113	0.8431	0.9826	0.8665
60.2	0.9710	0.9754	0.9611	0.9749	0.8386	0.9988	0.9827	0.9908
60.3	0.9729	0.9815	0.9680	0.9782	0.8095	0.9987	0.9870	0.9919
60.4	0.9779	0.9814	0.9744	0.9783	0.8227	0.9985	0.9867	0.9920
60.5	0.9793	0.9840	0.9741	0.9799	0.7989	0.9987	0.9852	0.9910
60.6	0.9794	0.9887	0.9783	0.9828	0.6863	0.9988	0.9846	0.9906
60.7	0.9820	0.9878	0.9815	0.9851	0.6704	0.9987	0.9825	0.9912
60.8	0.9812	0.9908	0.9860	0.9864	0.6348	0.9985	0.9833	0.9911
60.9	0.9794	0.9900	0.9840	0.9852	0.6633	0.9987	0.9857	0.9911
61.0	0.9766	0.9866	0.9757	0.9804	0.5409	0.9979	0.9780	0.9893
61.1	0.9817	0.9901	0.9800	0.9828	0.3449	0.9987	0.9759	0.9923
61.2	0.9793	0.9856	0.9781	0.9796	0.3061	0.9983	0.9716	0.9890
61.3	0.9849	0.9908	0.9864	0.9864	0.2478	0.9985	0.9787	0.9919
61.4	0.9854	0.9919	0.9891	0.9894	0.2648	0.9987	0.9826	0.9933
61.5	0.9887	0.9931	0.9914	0.9905	0.4689	0.9989	0.9824	0.9927
61.6	0.9859	0.9924	0.9896	0.9885	0.3560	0.9985	0.9815	0.9916
61.7	0.9847	0.9915	0.9879	0.9887	0.3205	0.9987	0.9819	0.9933
61.8	0.9864	0.9904	0.9868	0.9896	0.2682	0.9988	0.9787	0.9910
61.9	0.9865	0.9920	0.9878	0.9899	0.1830	0.9986	0.9692	0.9911
62.0	0.9901	0.9930	0.9927	0.9920	0.2375	0.9986	0.9792	0.9929
62.1	0.9881	0.9933	0.9918	0.9905	0.3043	0.9988	0.9870	0.9918
62.2	0.9886	0.9926	0.9910	0.9906	0.2318	0.9988	0.9835	0.9921
62.3	0.9902	0.9938	0.9914	0.9926	0.3476	0.9989	0.9819	0.9926
62.4	0.9923	0.9967	0.9941	0.9945	0.3496	0.9992	0.9883	0.9951
62.5	0.9921	0.9965	0.9942	0.9945	0.3860	0.9992	0.9852	0.9963
62.6	0.9903	0.9950	0.9912	0.9932	0.4450	0.9990	0.9820	0.9931
62.7	0.9890	0.9951	0.9917	0.9927	0.4347	0.9990	0.9820	0.9933
62.8	0.9917	0.9950	0.9927	0.9948	0.3790	0.9987	0.9781	0.9934
62.9	0.9930	0.9958	0.9935	0.9950	0.4744	0.9989	0.9841	0.9944
63.0	0.9919	0.9950	0.9932	0.9939	0.4747	0.9987	0.9796	0.9933
63.1	0.9921	0.9955	0.9928	0.9946	0.5141	0.9989	0.9792	0.9931
63.2	0.9916	0.9959	0.9939	0.9944	0.5940	0.9986	0.9776	0.9924
63.3	0.9932	0.9949	0.9940	0.9951	0.6481	0.9988	0.9824	0.9945
63.4	0.9932	0.9963	0.9936	0.9951	0.5970	0.9992	0.9818	0.9955
63.5	0.9921	0.9960	0.9940	0.9947	0.6670	0.9990	0.9852	0.9952
63.6	0.9947	0.9967	0.9957	0.9961	0.6957	0.9988	0.9849	0.9942
63.7	0.9945	0.9967	0.9947	0.9953	0.6863	0.9986	0.9846	0.9938
63.8	0.9937	0.9959	0.9938	0.9948	0.6756	0.9986	0.9829	0.9941
63.9	0.9947	0.9961	0.9946	0.9957	0.7284	0.9984	0.9853	0.9947
64.0	0.9947	0.9961	0.9946	0.9962	0.7794	0.9985	0.9869	0.9949
64.1	0.9934	0.9947	0.9928	0.9940	0.8444	0.9983	0.9879	0.9937
64.2	0.9945	0.9955	0.9947	0.9951	0.8347	0.9979	0.9864	0.9927
64.3	0.9949	0.9956	0.9946	0.9952	0.7837	0.9979	0.9797	0.9926
64.4	0.9938	0.9948	0.9935	0.9946	0.7904	0.9983	0.9813	0.9942
64.5	0.9944	0.9954	0.9941	0.9954	0.8499	0.9983	0.9879	0.9954
64.6	0.9953	0.9959	0.9949	0.9959	0.8414	0.9981	0.9827	0.9944
64.7	0.9941	0.9960	0.9945	0.9950	0.8394	0.9981	0.9816	0.9930
64.8	0.9937	0.9959	0.9942	0.9951	0.8427	0.9981	0.9797	0.9934
64.9	0.9950	0.9958	0.9954	0.9961	0.8526	0.9982	0.9805	0.9952
65.0	0.9956	0.9955	0.9957	0.9962	0.8394	0.9979	0.9792	0.9948
65.1	0.9925	0.9937	0.9923	0.9938	0.8362	0.9969	0.9726	0.9947
65.2	0.9950	0.9962	0.9956	0.9966	0.8614	0.9980	0.9796	0.9950
65.3	0.9953	0.9958	0.9955	0.9965	0.8586	0.9983	0.9821	0.9959
65.4	0.9948	0.9955	0.9945	0.9960	0.8796	0.9984	0.9818	0.9968
65.5	0.9949	0.9958	0.9946	0.9961	0.8568	0.9978	0.9794	0.9959
65.6	0.9941	0.9963	0.9950	0.9962	0.8915	0.9975	0.9860	0.9968
65.7	0.9933	0.9952	0.9940	0.9952	0.8954	0.9974	0.9802	0.9969
65.8	0.9939	0.9946	0.9936	0.9952	0.8747	0.9976	0.9718	0.9969
65.9	0.9953	0.9956	0.9951	0.9960	0.8908	0.9977	0.9787	0.9970
66.0	0.9948	0.9946	0.9941	0.9955	0.9114	0.9976	0.9819	0.9968
66.1	0.9941	0.9952	0.9938	0.9953	0.9238	0.9976	0.9853	0.9967
66.2	0.9936	0.9949	0.9937	0.9952	0.9097	0.9968	0.9796	0.9969
66.3	0.9945	0.9952	0.9946	0.9956	0.8961	0.9978	0.9807	0.9974
66.4	0.9932	0.9934	0.9927	0.9941	0.8755	0.9974	0.9790	0.9972
66.5	0.9939	0.9943	0.9940	0.9952	0.9006	0.9976	0.9772	0.9971
66.6	0.9940	0.9955	0.9947	0.9958	0.9078	0.9976	0.9780	0.9973
66.7	0.9940	0.9957	0.9950	0.9956	0.9129	0.9975	0.9813	0.9976
66.8	0.9924	0.9939	0.9930	0.9937	0.9143	0.9967	0.9772	0.9967
66.9	0.9932	0.9959	0.9940	0.9949	0.9145	0.9974	0.9772	0.9971
67.0	0.9941	0.9951	0.9940	0.9949	0.9089	0.9981	0.9815	0.9981
67.1	0.9937	0.9942	0.9936	0.9946	0.9448	0.9972	0.9875	0.9983
67.2	0.9947	0.9957	0.9951	0.9959	0.9335	0.9972	0.9864	0.9985
67.3	0.9949	0.9964	0.9948	0.9961	0.9438	0.9976	0.9852	0.9988
67.4	0.9919	0.9939	0.9924	0.9937	0.9319	0.9965	0.9769	0.9982
67.5	0.9937	0.9954	0.9943	0.9954	0.9041	0.9972	0.9741	0.9981
67.6	0.9929	0.9941	0.9932	0.9939	0.8945	0.9968	0.9694	0.9981
67.7	0.9942	0.9956	0.9948	0.9952	0.9393	0.9974	0.9807	0.9981
67.8	0.9950	0.9958	0.9951	0.9960	0.9497	0.9980	0.9861	0.9985
67.9	0.9922	0.9938	0.9923	0.9936	0.9453	0.9968	0.9796	0.9983
68.0	0.9927	0.9950	0.9934	0.9947	0.9372	0.9974	0.9748	0.9984
68.1	0.9930	0.9961	0.9942	0.9950	0.9447	0.9976	0.9812	0.9987

68.2	0.9936	0.9961	0.9944	0.9953	0.9466	0.9978	0.9864	0.9986
68.3	0.9934	0.9960	0.9943	0.9952	0.9491	0.9976	0.9829	0.9982
68.4	0.9916	0.9950	0.9927	0.9936	0.9468	0.9973	0.9754	0.9984
68.5	0.9928	0.9950	0.9935	0.9941	0.9505	0.9971	0.9794	0.9989
68.6	0.9946	0.9962	0.9948	0.9956	0.9533	0.9979	0.9813	0.9991
68.7	0.9946	0.9964	0.9950	0.9956	0.9638	0.9980	0.9795	0.9988
68.8	0.9940	0.9952	0.9943	0.9947	0.9484	0.9970	0.9675	0.9985
68.9	0.9932	0.9949	0.9937	0.9941	0.9397	0.9970	0.9648	0.9985
69.0	0.9934	0.9956	0.9941	0.9945	0.9435	0.9973	0.9698	0.9987
69.1	0.9934	0.9958	0.9943	0.9947	0.9671	0.9974	0.9747	0.9990
69.2	0.9939	0.9956	0.9942	0.9948	0.9676	0.9975	0.9730	0.9989
69.3	0.9941	0.9963	0.9946	0.9951	0.9573	0.9977	0.9671	0.9989
69.4	0.9934	0.9956	0.9943	0.9946	0.9509	0.9973	0.9547	0.9985
69.5	0.9932	0.9946	0.9940	0.9942	0.9359	0.9966	0.9330	0.9985
69.6	0.9939	0.9953	0.9945	0.9948	0.9446	0.9972	0.9238	0.9984
69.7	0.9935	0.9949	0.9938	0.9941	0.9561	0.9969	0.9213	0.9986
69.8	0.9939	0.9941	0.9935	0.9933	0.9468	0.9969	0.9317	0.9988
69.9	0.9943	0.9952	0.9942	0.9944	0.9494	0.9974	0.9510	0.9989
70.0	0.9942	0.9954	0.9943	0.9943	0.9586	0.9976	0.9356	0.9990
70.1	0.9935	0.9941	0.9930	0.9932	0.9509	0.9965	0.9187	0.9985
70.2	0.9935	0.9936	0.9928	0.9927	0.9269	0.9964	0.8982	0.9988
70.3	0.9944	0.9947	0.9936	0.9937	0.9432	0.9965	0.9032	0.9988
70.4	0.9953	0.9963	0.9950	0.9949	0.9425	0.9973	0.9246	0.9987
70.5	0.9951	0.9959	0.9950	0.9947	0.9538	0.9976	0.9219	0.9988
70.6	0.9962	0.9962	0.9959	0.9957	0.9439	0.9977	0.9187	0.9988
70.7	0.9966	0.9957	0.9950	0.9955	0.9286	0.9976	0.9312	0.9989
70.8	0.9961	0.9959	0.9943	0.9952	0.9286	0.9971	0.9084	0.9989
70.9	0.9952	0.9956	0.9940	0.9942	0.9348	0.9969	0.9107	0.9990
71.0	0.9951	0.9959	0.9941	0.9947	0.9487	0.9977	0.9204	0.9985
71.1	0.9947	0.9960	0.9949	0.9953	0.9261	0.9977	0.9274	0.9984
71.2	0.9953	0.9960	0.9950	0.9949	0.9294	0.9975	0.9024	0.9986
71.3	0.9953	0.9965	0.9952	0.9949	0.9306	0.9973	0.9142	0.9985
71.4	0.9938	0.9958	0.9945	0.9940	0.9179	0.9969	0.9171	0.9984
71.5	0.9958	0.9951	0.9941	0.9937	0.9315	0.9973	0.9227	0.9985
71.6	0.9971	0.9959	0.9956	0.9956	0.9247	0.9976	0.9402	0.9984
71.7	0.9965	0.9961	0.9955	0.9954	0.9247	0.9981	0.9422	0.9986
71.8	0.9961	0.9948	0.9940	0.9943	0.9236	0.9979	0.9330	0.9984
71.9	0.9962	0.9958	0.9950	0.9948	0.9002	0.9977	0.9250	0.9984
72.0	0.9955	0.9944	0.9936	0.9930	0.8746	0.9972	0.9222	0.9984
72.1	0.9955	0.9933	0.9926	0.9933	0.8846	0.9976	0.9400	0.9980
72.2	0.9964	0.9944	0.9940	0.9936	0.8834	0.9977	0.9495	0.9979
72.3	0.9960	0.9945	0.9938	0.9934	0.8946	0.9980	0.9617	0.9983
72.4	0.9961	0.9953	0.9951	0.9953	0.8860	0.9984	0.9498	0.9985
72.5	0.9965	0.9941	0.9950	0.9959	0.8865	0.9978	0.9613	0.9983
72.6	0.9959	0.9918	0.9927	0.9951	0.8636	0.9971	0.9487	0.9978
72.7	0.9946	0.9920	0.9919	0.9932	0.8271	0.9968	0.9293	0.9970
72.8	0.9954	0.9902	0.9917	0.9923	0.8709	0.9972	0.9417	0.9975
72.9	0.9960	0.9918	0.9935	0.9933	0.8540	0.9981	0.9575	0.9978
73.0	0.9961	0.9934	0.9933	0.9933	0.8385	0.9976	0.9581	0.9980
73.1	0.9961	0.9905	0.9918	0.9931	0.7955	0.9972	0.9363	0.9972
73.2	0.9974	0.9911	0.9942	0.9952	0.7908	0.9982	0.9459	0.9974
73.3	0.9970	0.9915	0.9938	0.9946	0.7351	0.9977	0.9489	0.9975
73.4	0.9966	0.9907	0.9938	0.9948	0.7311	0.9979	0.9585	0.9978
73.5	0.9969	0.9896	0.9949	0.9952	0.7973	0.9977	0.9708	0.9977
73.6	0.9959	0.9900	0.9943	0.9939	0.7881	0.9970	0.9614	0.9977
73.7	0.9964	0.9903	0.9948	0.9939	0.7825	0.9969	0.9471	0.9978
73.8	0.9967	0.9903	0.9947	0.9949	0.7946	0.9975	0.9541	0.9977
73.9	0.9966	0.9901	0.9942	0.9946	0.7679	0.9972	0.9578	0.9972
74.0	0.9966	0.9919	0.9953	0.9952	0.7157	0.9978	0.9604	0.9977
74.1	0.9971	0.9885	0.9946	0.9953	0.7109	0.9978	0.9601	0.9980
74.2	0.9964	0.9864	0.9948	0.9939	0.7198	0.9972	0.9613	0.9977
74.3	0.9970	0.9863	0.9950	0.9948	0.6769	0.9977	0.9659	0.9973
74.4	0.9967	0.9824	0.9937	0.9944	0.7043	0.9977	0.9682	0.9973
74.5	0.9968	0.9817	0.9932	0.9946	0.7050	0.9976	0.9649	0.9973
74.6	0.9960	0.9760	0.9927	0.9947	0.6636	0.9973	0.9571	0.9969
74.7	0.9964	0.9789	0.9943	0.9951	0.6369	0.9975	0.9692	0.9973
74.8	0.9969	0.9821	0.9948	0.9949	0.5805	0.9977	0.9653	0.9974
74.9	0.9953	0.9768	0.9936	0.9942	0.5912	0.9967	0.9566	0.9961
75.0	0.9948	0.9807	0.9933	0.9939	0.6534	0.9965	0.9583	0.9961
75.1	0.9953	0.9797	0.9939	0.9931	0.6080	0.9970	0.9520	0.9963
75.2	0.9961	0.9807	0.9948	0.9951	0.6908	0.9973	0.9507	0.9965
75.3	0.9942	0.9732	0.9932	0.9936	0.6593	0.9974	0.9505	0.9959
75.4	0.9962	0.9807	0.9950	0.9951	0.6935	0.9980	0.9709	0.9967
75.5	0.9971	0.9837	0.9963	0.9958	0.7513	0.9983	0.9767	0.9976
75.6	0.9959	0.9791	0.9946	0.9941	0.6496	0.9975	0.9696	0.9970
75.7	0.9962	0.9836	0.9952	0.9950	0.7263	0.9974	0.9711	0.9965
75.8	0.9965	0.9818	0.9955	0.9950	0.7567	0.9975	0.9734	0.9967
75.9	0.9930	0.9732	0.9903	0.9900	0.6710	0.9958	0.9526	0.9945
76.0	0.9944	0.9794	0.9935	0.9929	0.6777	0.9971	0.9680	0.9955
76.1	0.9962	0.9826	0.9955	0.9953	0.7471	0.9979	0.9787	0.9971
76.2	0.9958	0.9846	0.9953	0.9950	0.7425	0.9979	0.9790	0.9970
76.3	0.9956	0.9875	0.9945	0.9942	0.7515	0.9981	0.9737	0.9966
76.4	0.9961	0.9879	0.9952	0.9951	0.7976	0.9976	0.9776	0.9966
76.5	0.9958	0.9851	0.9946	0.9949	0.8056	0.9969	0.9745	0.9956
76.6	0.9949	0.9876	0.9948	0.9943	0.7980	0.9973	0.9748	0.9955
76.7	0.9959	0.9875	0.9956	0.9948	0.8398	0.9977	0.9781	0.9961

76.8	0.9953	0.9841	0.9940	0.9940	0.7424	0.9967	0.9729	0.9959
76.9	0.9959	0.9866	0.9944	0.9946	0.7875	0.9974	0.9754	0.9962
77.0	0.9939	0.9870	0.9933	0.9929	0.8104	0.9970	0.9761	0.9943
77.1	0.9928	0.9861	0.9918	0.9915	0.7965	0.9961	0.9762	0.9935
77.2	0.9923	0.9853	0.9904	0.9914	0.8030	0.9959	0.9792	0.9937
77.3	0.9902	0.9800	0.9890	0.9902	0.7543	0.9939	0.9718	0.9922
77.4	0.9912	0.9822	0.9906	0.9906	0.7552	0.9951	0.9742	0.9929
77.5	0.9909	0.9811	0.9897	0.9895	0.8313	0.9954	0.9789	0.9919
77.6	0.9926	0.9869	0.9919	0.9914	0.8284	0.9963	0.9786	0.9930
77.7	0.9927	0.9849	0.9915	0.9905	0.8149	0.9966	0.9790	0.9933
77.8	0.9925	0.9862	0.9916	0.9913	0.8120	0.9967	0.9768	0.9934
77.9	0.9937	0.9900	0.9932	0.9933	0.7888	0.9967	0.9843	0.9948
78.0	0.9918	0.9859	0.9913	0.9908	0.7892	0.9954	0.9764	0.9932
78.1	0.9922	0.9862	0.9912	0.9909	0.7733	0.9958	0.9758	0.9923
78.2	0.9912	0.9848	0.9901	0.9898	0.7996	0.9950	0.9720	0.9910
78.3	0.9930	0.9901	0.9930	0.9920	0.8385	0.9968	0.9812	0.9942
78.4	0.9919	0.9860	0.9913	0.9906	0.8231	0.9952	0.9821	0.9929
78.5	0.9909	0.9830	0.9900	0.9896	0.8213	0.9935	0.9829	0.9921
78.6	0.9917	0.9831	0.9903	0.9900	0.7831	0.9946	0.9819	0.9931
78.7	0.9931	0.9864	0.9920	0.9914	0.8251	0.9957	0.9862	0.9943
78.8	0.9928	0.9856	0.9917	0.9915	0.8105	0.9958	0.9832	0.9952
78.9	0.9914	0.9853	0.9907	0.9900	0.7835	0.9954	0.9504	0.9932
79.0	0.9865	0.9767	0.9853	0.9843	0.6082	0.9937	0.8385	0.9878
79.1	0.9883	0.9757	0.9875	0.9855	0.1860	0.9936	0.9117	0.9898
79.2	0.9910	0.9807	0.9901	0.9880	0.2379	0.9942	0.9672	0.9927
79.3	0.9893	0.9817	0.9886	0.9869	0.3493	0.9938	0.9782	0.9918
79.4	0.9877	0.9806	0.9881	0.9861	0.4641	0.9943	0.9785	0.9909
79.5	0.9842	0.9756	0.9839	0.9824	0.3790	0.9915	0.9725	0.9876
79.6	0.9853	0.9737	0.9842	0.9829	0.4930	0.9913	0.9774	0.9892
79.7	0.9871	0.9780	0.9870	0.9847	0.4632	0.9924	0.9829	0.9912
79.8	0.9916	0.9848	0.9912	0.9896	0.4341	0.9938	0.9854	0.9926
79.9	0.9888	0.9808	0.9885	0.9862	0.4436	0.9932	0.9845	0.9911
80.0	0.9844	0.9758	0.9841	0.9807	0.4546	0.9912	0.9779	0.9879

1.2.27 Run 7 – VT270-200 – NF and AF gauges

Vertical shaking at 270° with extra 200 lb on shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.8760	0.9806	0.9164	0.5375	0.8597	0.7079	0.4441	0.5079
0.1	0.8923	0.9889	0.9412	0.0458	0.8225	0.4843	0.1132	0.0653
0.2	0.9940	0.9962	0.9991	0.9260	0.9033	0.9272	0.1584	0.0029
0.3	0.9958	0.9961	0.9995	0.9534	0.9456	0.9383	0.2142	0.0367
0.4	0.9970	0.9971	0.9997	0.9612	0.9663	0.9469	0.3210	0.0989
0.5	0.9977	0.9979	0.9997	0.9660	0.9723	0.9677	0.4012	0.0863
0.6	0.9975	0.9983	0.9998	0.9695	0.9715	0.9595	0.5160	0.0743
0.7	0.9982	0.9987	0.9998	0.9774	0.9776	0.9690	0.6995	0.1915
0.8	0.9965	0.9961	0.9994	0.9653	0.9548	0.9425	0.4543	0.2232
0.9	0.9975	0.9970	0.9986	0.9453	0.9677	0.9627	0.1498	0.1256
1.0	0.9983	0.9981	0.9985	0.9349	0.9830	0.9698	0.3156	0.0725
1.1	0.9984	0.9983	0.9995	0.9700	0.9799	0.9743	0.3740	0.0738
1.2	0.9991	0.9985	0.9996	0.9824	0.9859	0.9795	0.4733	0.1086
1.3	0.9988	0.9984	0.9996	0.9868	0.9866	0.9808	0.4730	0.0746
1.4	0.9984	0.9985	0.9997	0.9837	0.9821	0.9762	0.4880	0.0976
1.5	0.9986	0.9986	0.9997	0.9808	0.9838	0.9788	0.6106	0.1777
1.6	0.9988	0.9987	0.9997	0.9867	0.9869	0.9785	0.6788	0.3079
1.7	0.9986	0.9989	0.9997	0.9823	0.9870	0.9744	0.6814	0.4617
1.8	0.9980	0.9983	0.9989	0.9609	0.9782	0.9623	0.6571	0.4268
1.9	0.9980	0.9985	0.9982	0.9423	0.9827	0.9528	0.8325	0.4674
2.0	0.9990	0.9989	0.9987	0.9523	0.9890	0.9456	0.9000	0.6259
2.1	0.9993	0.9990	0.9991	0.9410	0.9885	0.9415	0.9183	0.7709
2.2	0.9989	0.9982	0.9991	0.9175	0.9709	0.6331	0.8858	0.8192
2.3	0.9887	0.9869	0.9995	0.9650	0.7216	0.1510	0.5242	0.4758
2.4	0.9397	0.9389	0.9997	0.9777	0.4200	0.3134	0.3418	0.3301
2.5	0.9369	0.9664	0.9998	0.9824	0.2126	0.4967	0.3076	0.3168
2.6	0.9954	0.9979	0.9996	0.9808	0.1665	0.9267	0.7238	0.7524
2.7	0.9975	0.9985	0.9996	0.9764	0.7425	0.9827	0.8683	0.6889
2.8	0.9968	0.9983	0.9995	0.9703	0.8743	0.9832	0.7753	0.4575
2.9	0.9975	0.9981	0.9995	0.9621	0.9324	0.9821	0.7903	0.3859
3.0	0.9973	0.9978	0.9992	0.9464	0.9383	0.9777	0.7241	0.3395
3.1	0.9971	0.9974	0.9992	0.9521	0.9400	0.9664	0.3433	0.3791
3.2	0.9970	0.9973	0.9994	0.9618	0.9176	0.9690	0.2706	0.2930
3.3	0.9954	0.9967	0.9992	0.9295	0.9189	0.9642	0.2427	0.0817
3.4	0.9935	0.9967	0.9990	0.9144	0.9232	0.9562	0.0514	0.0405
3.5	0.9894	0.9947	0.9982	0.8869	0.9031	0.9117	0.0377	0.0998
3.6	0.9783	0.9777	0.9922	0.6789	0.7664	0.6909	0.0711	0.0072
3.7	0.9883	0.9912	0.9971	0.8965	0.8608	0.8736	0.3035	0.0984
3.8	0.9984	0.9989	0.9996	0.9861	0.9732	0.9858	0.6314	0.0972
3.9	0.9996	0.9998	0.9999	0.9972	0.9921	0.9971	0.8425	0.3031
4.0	0.9998	0.9999	1.0000	0.9985	0.9964	0.9982	0.8477	0.3005
4.1	0.9998	0.9998	1.0000	0.9979	0.9960	0.9981	0.7060	0.1373
4.2	0.9995	0.9997	0.9999	0.9967	0.9933	0.9962	0.4187	0.0581
4.3	0.9993	0.9994	0.9999	0.9953	0.9886	0.9919	0.0283	0.0235
4.4	0.9990	0.9991	0.9998	0.9920	0.9835	0.9859	0.0795	0.1055
4.5	0.9984	0.9990	0.9998	0.9893	0.9815	0.9825	0.4652	0.0854
4.6	0.9977	0.9984	0.9997	0.9851	0.9699	0.9680	0.5504	0.0854
4.7	0.9955	0.9962	0.9994	0.9701	0.9371	0.9012	0.5045	0.1123
4.8	0.9964	0.9975	0.9997	0.9800	0.9198	0.9469	0.2251	0.0624
4.9	0.9957	0.9967	0.9992	0.9729	0.9164	0.9298	0.0722	0.0151
5.0	0.9970	0.9965	0.9990	0.9754	0.9606	0.9297	0.5559	0.1397
5.1	0.9985	0.9983	0.9997	0.9916	0.9608	0.9549	0.4735	0.2044
5.2	0.9973	0.9981	0.9997	0.9870	0.9059	0.9156	0.1714	0.0439
5.3	0.9924	0.9957	0.9990	0.9534	0.8902	0.7778	0.5791	0.2138
5.4	0.9897	0.9887	0.9980	0.9326	0.8883	0.1127	0.6956	0.4327
5.5	0.9949	0.9930	0.9990	0.9686	0.9291	0.7111	0.8252	0.6875
5.6	0.9985	0.9981	0.9997	0.9902	0.9814	0.9211	0.9321	0.8234
5.7	0.9992	0.9993	0.9998	0.9956	0.9921	0.9576	0.9633	0.9132
5.8	0.9994	0.9995	0.9999	0.9979	0.9939	0.9693	0.9758	0.9634
5.9	0.9997	0.9997	0.9999	0.9986	0.9962	0.9826	0.9861	0.9783
6.0	0.9995	0.9998	0.9999	0.9986	0.9951	0.9765	0.9834	0.9682
6.1	0.9990	0.9998	0.9998	0.9977	0.9916	0.9536	0.9751	0.9575
6.2	0.9992	0.9998	0.9999	0.9981	0.9950	0.9634	0.9867	0.9767
6.3	0.9989	0.9997	0.9998	0.9976	0.9923	0.9268	0.9809	0.9747
6.4	0.9984	0.9996	0.9998	0.9967	0.9896	0.9170	0.9779	0.9745
6.5	0.9983	0.9996	0.9998	0.9970	0.9917	0.9451	0.9837	0.9807
6.6	0.9972	0.9991	0.9997	0.9915	0.9865	0.9327	0.9742	0.9716
6.7	0.9948	0.9983	0.9995	0.9756	0.9828	0.9407	0.9724	0.9736
6.8	0.9922	0.9974	0.9992	0.9410	0.9787	0.9466	0.9687	0.9679
6.9	0.9845	0.9926	0.9984	0.8790	0.9657	0.9338	0.9548	0.9532
7.0	0.9490	0.9685	0.9933	0.8098	0.9127	0.8802	0.8995	0.8970
7.1	0.9364	0.9708	0.9894	0.8971	0.9138	0.9064	0.9106	0.9091
7.2	0.9291	0.9818	0.9851	0.9451	0.9258	0.9318	0.9275	0.9281
7.3	0.9626	0.9929	0.9916	0.9827	0.9668	0.9723	0.9690	0.9700
7.4	0.9078	0.9891	0.9831	0.9738	0.9375	0.9539	0.9442	0.9458
7.5	0.9094	0.9943	0.9907	0.9876	0.9531	0.9694	0.9599	0.9595
7.6	0.8977	0.9979	0.9970	0.9944	0.9695	0.9840	0.9762	0.9765
7.7	0.9743	0.9994	0.9994	0.9989	0.9930	0.9963	0.9944	0.9939
7.8	0.9872	0.9993	0.9995	0.9995	0.9947	0.9972	0.9956	0.9951
7.9	0.9732	0.9986	0.9998	0.9993	0.9910	0.9951	0.9923	0.9930

8.0	0.9542	0.9990	0.9996	0.9991	0.9908	0.9954	0.9926	0.9937
8.1	0.9648	0.9990	0.9996	0.9994	0.9937	0.9967	0.9947	0.9942
8.2	0.9545	0.9994	0.9998	0.9996	0.9939	0.9969	0.9951	0.9946
8.3	0.9474	0.9993	0.9998	0.9996	0.9944	0.9971	0.9953	0.9949
8.4	0.9351	0.9990	0.9997	0.9993	0.9921	0.9960	0.9931	0.9934
8.5	0.9444	0.9989	0.9997	0.9992	0.9935	0.9970	0.9940	0.9944
8.6	0.9657	0.9991	0.9997	0.9993	0.9946	0.9975	0.9957	0.9957
8.7	0.9715	0.9985	0.9997	0.9993	0.9938	0.9967	0.9949	0.9952
8.8	0.9547	0.9968	0.9996	0.9991	0.9895	0.9944	0.9916	0.9923
8.9	0.9639	0.9956	0.9996	0.9990	0.9878	0.9929	0.9894	0.9909
9.0	0.9655	0.9942	0.9997	0.9991	0.9854	0.9902	0.9871	0.9872
9.1	0.9493	0.9876	0.9994	0.9990	0.9718	0.9812	0.9749	0.9758
9.2	0.9091	0.9683	0.9992	0.9970	0.9425	0.9569	0.9478	0.9492
9.3	0.9152	0.9479	0.9993	0.9938	0.9264	0.9365	0.9301	0.9308
9.4	0.9451	0.9428	0.9995	0.9949	0.9385	0.9379	0.9377	0.9380
9.5	0.9749	0.9589	0.9997	0.9976	0.9661	0.9617	0.9647	0.9651
9.6	0.9811	0.9416	0.9994	0.9983	0.9650	0.9542	0.9617	0.9608
9.7	0.9890	0.9364	0.9994	0.9989	0.9751	0.9610	0.9711	0.9708
9.8	0.9940	0.9420	0.9996	0.9993	0.9841	0.9689	0.9803	0.9754
9.9	0.9973	0.9564	0.9996	0.9994	0.9902	0.9748	0.9862	0.9860
10.0	0.9978	0.9653	0.9996	0.9994	0.9910	0.9743	0.9881	0.9851
10.1	0.9983	0.9839	0.9996	0.9994	0.9933	0.9765	0.9907	0.9864
10.2	0.9983	0.9903	0.9995	0.9992	0.9925	0.9680	0.9893	0.9826
10.3	0.9988	0.9959	0.9996	0.9992	0.9964	0.9830	0.9951	0.9875
10.4	0.9990	0.9969	0.9997	0.9993	0.9977	0.9879	0.9965	0.9873
10.5	0.9987	0.9963	0.9997	0.9992	0.9973	0.9857	0.9961	0.9829
10.6	0.9988	0.9959	0.9996	0.9991	0.9962	0.9765	0.9938	0.9855
10.7	0.9988	0.9942	0.9996	0.9992	0.9956	0.9643	0.9889	0.9799
10.8	0.9987	0.9940	0.9994	0.9991	0.9940	0.9558	0.9890	0.9678
10.9	0.9987	0.9955	0.9995	0.9992	0.9939	0.9639	0.9923	0.9624
11.0	0.9988	0.9972	0.9995	0.9992	0.9944	0.9653	0.9923	0.9569
11.1	0.9980	0.9970	0.9991	0.9985	0.9942	0.9618	0.9857	0.9475
11.2	0.9977	0.9963	0.9995	0.9992	0.9927	0.9718	0.9825	0.9475
11.3	0.9978	0.9959	0.9990	0.9983	0.9893	0.9628	0.9790	0.9409
11.4	0.9978	0.9964	0.9989	0.9981	0.9902	0.9668	0.9776	0.9435
11.5	0.9978	0.9962	0.9992	0.9986	0.9875	0.9673	0.9742	0.9359
11.6	0.9973	0.9959	0.9988	0.9980	0.9860	0.9715	0.9668	0.9360
11.7	0.9976	0.9963	0.9985	0.9977	0.9848	0.9737	0.9660	0.9423
11.8	0.9958	0.9938	0.9983	0.9971	0.9724	0.9676	0.9554	0.8945
11.9	0.9949	0.9934	0.9977	0.9963	0.9712	0.9645	0.9537	0.9158
12.0	0.9970	0.9953	0.9977	0.9964	0.9752	0.9774	0.9497	0.9556
12.1	0.9965	0.9948	0.9984	0.9975	0.9725	0.9749	0.9604	0.9594
12.2	0.9942	0.9922	0.9980	0.9969	0.9682	0.9718	0.9585	0.9562
12.3	0.9910	0.9865	0.9974	0.9961	0.9581	0.9621	0.9483	0.9555
12.4	0.9903	0.9803	0.9965	0.9950	0.9551	0.9561	0.9496	0.9579
12.5	0.9896	0.9664	0.9953	0.9934	0.9502	0.9311	0.9553	0.9549
12.6	0.9889	0.9438	0.9963	0.9949	0.9525	0.9081	0.9594	0.9523
12.7	0.9854	0.9040	0.9953	0.9936	0.9539	0.8708	0.9632	0.9543
12.8	0.9851	0.8972	0.9951	0.9937	0.9580	0.7661	0.9588	0.9625
12.9	0.9769	0.8284	0.9941	0.9927	0.9479	0.6700	0.9579	0.9594
13.0	0.9746	0.7996	0.9922	0.9906	0.9485	0.6126	0.9579	0.9624
13.1	0.9661	0.7564	0.9867	0.9843	0.9331	0.6129	0.9431	0.9494
13.2	0.9627	0.8287	0.9888	0.9872	0.9406	0.7788	0.9355	0.9566
13.3	0.9233	0.8082	0.9720	0.9690	0.8938	0.7501	0.8923	0.9156
13.4	0.9190	0.8730	0.9669	0.9645	0.9021	0.8373	0.9048	0.9087
13.5	0.8655	0.8521	0.9444	0.9417	0.8534	0.7983	0.8695	0.8576
13.6	0.8780	0.9101	0.9380	0.9379	0.8885	0.8753	0.9169	0.8739
13.7	0.8983	0.9386	0.9461	0.9476	0.9150	0.9144	0.9396	0.8998
13.8	0.9479	0.9718	0.9672	0.9692	0.9587	0.9596	0.9712	0.9496
13.9	0.9531	0.9756	0.9748	0.9771	0.9641	0.9656	0.9741	0.9576
14.0	0.9554	0.9766	0.9855	0.9869	0.9664	0.9675	0.9747	0.9612
14.1	0.9220	0.9551	0.9857	0.9875	0.9384	0.9417	0.9523	0.9307
14.2	0.9170	0.9427	0.9892	0.9910	0.9289	0.9322	0.9407	0.9215
14.3	0.9355	0.9467	0.9942	0.9954	0.9406	0.9425	0.9481	0.9359
14.4	0.9327	0.9328	0.9953	0.9964	0.9332	0.9338	0.9382	0.9295
14.5	0.9574	0.9482	0.9950	0.9962	0.9543	0.9535	0.9554	0.9518
14.6	0.9335	0.9005	0.9936	0.9952	0.9237	0.9194	0.9232	0.9183
14.7	0.9495	0.9005	0.9962	0.9970	0.9404	0.9326	0.9351	0.9379
14.8	0.9634	0.9062	0.9981	0.9984	0.9543	0.9473	0.9467	0.9555
14.9	0.9594	0.8606	0.9977	0.9984	0.9510	0.9395	0.9468	0.9399
15.0	0.9533	0.6878	0.9949	0.9971	0.9410	0.9227	0.9580	0.8829
15.1	0.9766	0.6059	0.9958	0.9976	0.9715	0.9565	0.9731	0.9538
15.2	0.9878	0.5832	0.9974	0.9985	0.9822	0.9711	0.9828	0.9695
15.3	0.9886	0.6373	0.9959	0.9977	0.9825	0.9689	0.9807	0.9715
15.4	0.9919	0.7851	0.9968	0.9983	0.9874	0.9729	0.9839	0.9752
15.5	0.9945	0.8222	0.9977	0.9988	0.9890	0.9773	0.9856	0.9778
15.6	0.9924	0.7662	0.9968	0.9985	0.9820	0.9623	0.9749	0.9670
15.7	0.9950	0.8690	0.9976	0.9989	0.9867	0.9714	0.9799	0.9757
15.8	0.9968	0.9061	0.9977	0.9990	0.9909	0.9788	0.9842	0.9814
15.9	0.9962	0.9062	0.9980	0.9991	0.9865	0.9632	0.9771	0.9708
16.0	0.9972	0.9507	0.9986	0.9994	0.9896	0.9650	0.9822	0.9749
16.1	0.9973	0.9671	0.9985	0.9994	0.9906	0.9698	0.9852	0.9756
16.2	0.9972	0.9705	0.9982	0.9992	0.9895	0.9617	0.9808	0.9682
16.3	0.9969	0.9710	0.9982	0.9993	0.9882	0.9519	0.9780	0.9628
16.4	0.9970	0.9686	0.9973	0.9991	0.9835	0.9394	0.9673	0.9609
16.5	0.9978	0.9794	0.9986	0.9995	0.9892	0.9400	0.9709	0.9710

16.6	0.9979	0.9849	0.9987	0.9996	0.9920	0.9436	0.9788	0.9662
16.7	0.9974	0.9838	0.9984	0.9995	0.9900	0.9360	0.9769	0.9529
16.8	0.9974	0.9827	0.9985	0.9994	0.9898	0.9216	0.9753	0.9605
16.9	0.9976	0.9855	0.9980	0.9993	0.9888	0.9234	0.9769	0.9453
17.0	0.9974	0.9894	0.9987	0.9995	0.9881	0.8991	0.9701	0.9425
17.1	0.9978	0.9901	0.9983	0.9994	0.9878	0.8943	0.9649	0.9551
17.2	0.9983	0.9906	0.9978	0.9992	0.9881	0.8954	0.9756	0.9561
17.3	0.9989	0.9930	0.9988	0.9996	0.9902	0.8908	0.9807	0.9679
17.4	0.9980	0.9896	0.9987	0.9996	0.9853	0.8549	0.9654	0.9502
17.5	0.9972	0.9912	0.9987	0.9996	0.9819	0.7982	0.9520	0.9310
17.6	0.9981	0.9937	0.9984	0.9995	0.9864	0.8037	0.9715	0.9394
17.7	0.9982	0.9936	0.9986	0.9996	0.9865	0.7982	0.9710	0.9396
17.8	0.9975	0.9916	0.9985	0.9996	0.9816	0.7890	0.9620	0.9261
17.9	0.9973	0.9925	0.9987	0.9996	0.9817	0.8305	0.9695	0.9453
18.0	0.9976	0.9942	0.9988	0.9996	0.9850	0.8644	0.9802	0.9458
18.1	0.9978	0.9943	0.9990	0.9997	0.9855	0.8644	0.9809	0.9523
18.2	0.9976	0.9941	0.9981	0.9996	0.9834	0.8359	0.9722	0.9556
18.3	0.9984	0.9960	0.9986	0.9997	0.9846	0.8328	0.9800	0.9630
18.4	0.9981	0.9965	0.9986	0.9997	0.9882	0.8190	0.9790	0.9690
18.5	0.9971	0.9936	0.9968	0.9997	0.9747	0.6057	0.9280	0.9049
18.6	0.9965	0.9943	0.9966	0.9996	0.9602	0.5151	0.8593	0.8633
18.7	0.9975	0.9962	0.9983	0.9996	0.9739	0.8020	0.9427	0.9150
18.8	0.9986	0.9967	0.9986	0.9996	0.9909	0.8881	0.9831	0.9412
18.9	0.9989	0.9968	0.9985	0.9997	0.9879	0.9184	0.9841	0.9506
19.0	0.9984	0.9955	0.9983	0.9996	0.9842	0.9035	0.9725	0.9534
19.1	0.9984	0.9967	0.9981	0.9995	0.9881	0.9107	0.9749	0.9648
19.2	0.9986	0.9977	0.9985	0.9996	0.9881	0.9308	0.9812	0.9626
19.3	0.9988	0.9974	0.9988	0.9997	0.9894	0.9535	0.9811	0.9750
19.4	0.9988	0.9965	0.9987	0.9997	0.9894	0.9571	0.9755	0.9769
19.5	0.9986	0.9956	0.9984	0.9995	0.9902	0.9471	0.9726	0.9761
19.6	0.9983	0.9958	0.9984	0.9995	0.9932	0.9583	0.9770	0.9782
19.7	0.9984	0.9959	0.9984	0.9996	0.9919	0.9555	0.9792	0.9857
19.8	0.9984	0.9960	0.9984	0.9996	0.9897	0.9545	0.9747	0.9841
19.9	0.9985	0.9961	0.9980	0.9996	0.9907	0.9520	0.9726	0.9827
20.0	0.9986	0.9960	0.9982	0.9996	0.9915	0.9486	0.9756	0.9879
20.1	0.9984	0.9954	0.9988	0.9997	0.9935	0.9632	0.9769	0.9897
20.2	0.9988	0.9970	0.9987	0.9997	0.9952	0.9725	0.9805	0.9907
20.3	0.9989	0.9974	0.9988	0.9997	0.9943	0.9659	0.9734	0.9896
20.4	0.9982	0.9957	0.9984	0.9996	0.9936	0.9548	0.9793	0.9845
20.5	0.9985	0.9962	0.9979	0.9995	0.9940	0.9701	0.9821	0.9862
20.6	0.9986	0.9960	0.9973	0.9994	0.9936	0.9699	0.9792	0.9832
20.7	0.9982	0.9956	0.9976	0.9995	0.9936	0.9660	0.9794	0.9860
20.8	0.9981	0.9960	0.9979	0.9996	0.9948	0.9606	0.9806	0.9811
20.9	0.9986	0.9953	0.9973	0.9995	0.9936	0.9593	0.9848	0.9767
21.0	0.9987	0.9950	0.9967	0.9994	0.9919	0.9539	0.9857	0.9730
21.1	0.9978	0.9943	0.9966	0.9993	0.9896	0.9423	0.9849	0.9536
21.2	0.9982	0.9953	0.9971	0.9995	0.9902	0.9455	0.9869	0.9586
21.3	0.9982	0.9941	0.9969	0.9995	0.9901	0.9540	0.9844	0.9492
21.4	0.9980	0.9946	0.9966	0.9993	0.9920	0.9541	0.9841	0.9362
21.5	0.9983	0.9950	0.9969	0.9994	0.9937	0.9663	0.9892	0.9509
21.6	0.9982	0.9944	0.9968	0.9994	0.9943	0.9722	0.9906	0.9573
21.7	0.9974	0.9922	0.9945	0.9991	0.9916	0.9624	0.9868	0.9362
21.8	0.9980	0.9908	0.9944	0.9992	0.9899	0.9490	0.9841	0.9359
21.9	0.9986	0.9920	0.9948	0.9990	0.9903	0.9453	0.9868	0.9383
22.0	0.9984	0.9931	0.9956	0.9992	0.9926	0.9617	0.9897	0.9571
22.1	0.9985	0.9942	0.9966	0.9993	0.9942	0.9737	0.9896	0.9615
22.2	0.9977	0.9929	0.9941	0.9991	0.9934	0.9650	0.9907	0.9506
22.3	0.9977	0.9932	0.9928	0.9989	0.9924	0.9637	0.9906	0.9592
22.4	0.9981	0.9925	0.9901	0.9985	0.9921	0.9593	0.9911	0.9571
22.5	0.9985	0.9936	0.9942	0.9992	0.9940	0.9692	0.9924	0.9653
22.6	0.9983	0.9954	0.9911	0.9991	0.9953	0.9696	0.9924	0.9647
22.7	0.9982	0.9933	0.9894	0.9987	0.9957	0.9665	0.9918	0.9692
22.8	0.9980	0.9932	0.9838	0.9983	0.9958	0.9479	0.9896	0.9689
22.9	0.9983	0.9925	0.9858	0.9986	0.9945	0.9380	0.9920	0.9689
23.0	0.9977	0.9921	0.9808	0.9984	0.9925	0.9222	0.9901	0.9620
23.1	0.9971	0.9919	0.9818	0.9983	0.9929	0.9334	0.9922	0.9678
23.2	0.9966	0.9893	0.9728	0.9984	0.9927	0.9009	0.9909	0.9610
23.3	0.9978	0.9923	0.9788	0.9983	0.9937	0.8994	0.9923	0.9596
23.4	0.9982	0.9935	0.9796	0.9987	0.9936	0.9322	0.9926	0.9676
23.5	0.9984	0.9946	0.9853	0.9993	0.9954	0.9525	0.9956	0.9715
23.6	0.9984	0.9956	0.9890	0.9994	0.9948	0.9497	0.9955	0.9604
23.7	0.9982	0.9945	0.9890	0.9994	0.9942	0.9268	0.9943	0.9663
23.8	0.9982	0.9937	0.9877	0.9992	0.9939	0.9253	0.9946	0.9600
23.9	0.9986	0.9958	0.9902	0.9993	0.9949	0.9502	0.9954	0.9625
24.0	0.9987	0.9961	0.9904	0.9995	0.9943	0.9419	0.9942	0.9695
24.1	0.9983	0.9957	0.9912	0.9995	0.9930	0.9470	0.9941	0.9715
24.2	0.9984	0.9955	0.9905	0.9993	0.9920	0.9481	0.9962	0.9677
24.3	0.9987	0.9956	0.9906	0.9994	0.9929	0.9592	0.9949	0.9664
24.4	0.9985	0.9948	0.9883	0.9994	0.9923	0.9482	0.9922	0.9504
24.5	0.9985	0.9945	0.9905	0.9994	0.9940	0.9466	0.9927	0.9560
24.6	0.9989	0.9954	0.9931	0.9995	0.9958	0.9613	0.9938	0.9722
24.7	0.9984	0.9955	0.9916	0.9994	0.9948	0.9635	0.9938	0.9731
24.8	0.9984	0.9965	0.9932	0.9995	0.9959	0.9751	0.9949	0.9800
24.9	0.9986	0.9952	0.9900	0.9995	0.9949	0.9775	0.9945	0.9758
25.0	0.9982	0.9942	0.9853	0.9992	0.9906	0.9537	0.9928	0.9659
25.1	0.9981	0.9964	0.9910	0.9993	0.9930	0.9651	0.9950	0.9737

25.2	0.9986	0.9970	0.9922	0.9995	0.9959	0.9779	0.9960	0.9814
25.3	0.9982	0.9955	0.9914	0.9994	0.9950	0.9798	0.9956	0.9799
25.4	0.9978	0.9945	0.9880	0.9991	0.9935	0.9762	0.9956	0.9765
25.5	0.9987	0.9961	0.9917	0.9993	0.9955	0.9820	0.9964	0.9830
25.6	0.9983	0.9942	0.9897	0.9993	0.9938	0.9747	0.9935	0.9814
25.7	0.9980	0.9929	0.9901	0.9991	0.9934	0.9727	0.9939	0.9803
25.8	0.9983	0.9930	0.9877	0.9989	0.9941	0.9801	0.9949	0.9812
25.9	0.9986	0.9920	0.9917	0.9992	0.9947	0.9804	0.9952	0.9825
26.0	0.9988	0.9921	0.9932	0.9991	0.9952	0.9829	0.9959	0.9856
26.1	0.9984	0.9914	0.9918	0.9988	0.9960	0.9820	0.9957	0.9849
26.2	0.9977	0.9872	0.9867	0.9984	0.9942	0.9817	0.9955	0.9817
26.3	0.9979	0.9888	0.9875	0.9986	0.9941	0.9838	0.9967	0.9850
26.4	0.9979	0.9874	0.9881	0.9987	0.9943	0.9799	0.9964	0.9802
26.5	0.9976	0.9824	0.9838	0.9984	0.9942	0.9737	0.9961	0.9761
26.6	0.9976	0.9753	0.9837	0.9983	0.9949	0.9729	0.9961	0.9777
26.7	0.9983	0.9797	0.9893	0.9990	0.9961	0.9826	0.9968	0.9844
26.8	0.9980	0.9772	0.9879	0.9988	0.9957	0.9818	0.9968	0.9802
26.9	0.9981	0.9704	0.9882	0.9989	0.9947	0.9738	0.9973	0.9768
27.0	0.9983	0.9601	0.9879	0.9988	0.9942	0.9746	0.9965	0.9706
27.1	0.9983	0.9581	0.9905	0.9990	0.9945	0.9860	0.9977	0.9755
27.2	0.9980	0.9546	0.9908	0.9991	0.9945	0.9887	0.9973	0.9768
27.3	0.9976	0.9352	0.9889	0.9984	0.9949	0.9869	0.9972	0.9694
27.4	0.9971	0.9186	0.9863	0.9978	0.9949	0.9852	0.9976	0.9710
27.5	0.9962	0.9150	0.9824	0.9975	0.9928	0.9827	0.9974	0.9623
27.6	0.9956	0.8933	0.9813	0.9955	0.9903	0.9851	0.9966	0.9588
27.7	0.9971	0.8984	0.9869	0.9966	0.9941	0.9889	0.9976	0.9739
27.8	0.9978	0.8888	0.9873	0.9970	0.9957	0.9897	0.9980	0.9839
27.9	0.9968	0.8707	0.9818	0.9972	0.9950	0.9874	0.9976	0.9714
28.0	0.9965	0.9103	0.9802	0.9967	0.9946	0.9871	0.9966	0.9752
28.1	0.9972	0.8260	0.9826	0.9972	0.9949	0.9874	0.9974	0.9682
28.2	0.9963	0.6519	0.9808	0.9953	0.9928	0.9886	0.9968	0.9685
28.3	0.9971	0.8509	0.9824	0.9952	0.9944	0.9863	0.9955	0.9812
28.4	0.9983	0.9463	0.9834	0.9967	0.9970	0.9932	0.9976	0.9921
28.5	0.9985	0.9683	0.9846	0.9979	0.9975	0.9939	0.9976	0.9922
28.6	0.9982	0.9639	0.9797	0.9983	0.9975	0.9922	0.9976	0.9902
28.7	0.9975	0.9426	0.9651	0.9972	0.9959	0.9889	0.9969	0.9879
28.8	0.9982	0.9474	0.9652	0.9977	0.9964	0.9908	0.9966	0.9897
28.9	0.9984	0.9460	0.9758	0.9987	0.9966	0.9902	0.9965	0.9920
29.0	0.9983	0.9578	0.9678	0.9987	0.9962	0.9888	0.9960	0.9901
29.1	0.9985	0.9686	0.9657	0.9990	0.9961	0.9903	0.9953	0.9899
29.2	0.9980	0.9663	0.9655	0.9988	0.9949	0.9894	0.9940	0.9888
29.3	0.9980	0.9730	0.9522	0.9985	0.9948	0.9907	0.9950	0.9880
29.4	0.9975	0.9759	0.9332	0.9988	0.9942	0.9885	0.9943	0.9880
29.5	0.9979	0.9839	0.9266	0.9991	0.9940	0.9899	0.9939	0.9878
29.6	0.9975	0.9855	0.9139	0.9990	0.9921	0.9874	0.9930	0.9840
29.7	0.9963	0.9841	0.8768	0.9991	0.9916	0.9871	0.9913	0.9834
29.8	0.9969	0.9879	0.8476	0.9990	0.9923	0.9878	0.9930	0.9836
29.9	0.9945	0.9746	0.7197	0.9985	0.9902	0.9849	0.9914	0.9803
30.0	0.9949	0.9807	0.5797	0.9989	0.9890	0.9846	0.9907	0.9793
30.1	0.9960	0.9923	0.2994	0.9989	0.9895	0.9850	0.9911	0.9788
30.2	0.9963	0.9928	0.1339	0.9987	0.9904	0.9852	0.9914	0.9776
30.3	0.9963	0.9933	0.1720	0.9987	0.9908	0.9867	0.9913	0.9787
30.4	0.9969	0.9956	0.4204	0.9991	0.9919	0.9898	0.9940	0.9784
30.5	0.9965	0.9956	0.5871	0.9992	0.9920	0.9900	0.9944	0.9806
30.6	0.9967	0.9932	0.6347	0.9987	0.9920	0.9888	0.9947	0.9773
30.7	0.9973	0.9941	0.7862	0.9988	0.9933	0.9890	0.9955	0.9742
30.8	0.9958	0.9943	0.8401	0.9985	0.9901	0.9838	0.9922	0.9671
30.9	0.9955	0.9945	0.9049	0.9984	0.9900	0.9841	0.9917	0.9678
31.0	0.9947	0.9941	0.9323	0.9981	0.9876	0.9837	0.9898	0.9573
31.1	0.9961	0.9956	0.9466	0.9983	0.9902	0.9876	0.9903	0.9621
31.2	0.9971	0.9955	0.9674	0.9988	0.9931	0.9906	0.9940	0.9671
31.3	0.9966	0.9955	0.9660	0.9985	0.9905	0.9845	0.9913	0.9423
31.4	0.9963	0.9952	0.9694	0.9983	0.9877	0.9815	0.9885	0.8924
31.5	0.9944	0.9929	0.9638	0.9978	0.9836	0.9774	0.9833	0.7969
31.6	0.9959	0.9949	0.9721	0.9971	0.9841	0.9817	0.9823	0.7917
31.7	0.9972	0.9959	0.9800	0.9979	0.9875	0.9851	0.9857	0.6984
31.8	0.9967	0.9962	0.9809	0.9976	0.9901	0.9865	0.9868	0.6954
31.9	0.9964	0.9961	0.9813	0.9975	0.9903	0.9836	0.9849	0.7820
32.0	0.9955	0.9958	0.9828	0.9972	0.9908	0.9808	0.9805	0.8626
32.1	0.9955	0.9949	0.9852	0.9969	0.9899	0.9827	0.9777	0.9017
32.2	0.9962	0.9959	0.9860	0.9970	0.9909	0.9871	0.9781	0.9411
32.3	0.9956	0.9953	0.9878	0.9967	0.9872	0.9783	0.9734	0.9458
32.4	0.9951	0.9952	0.9892	0.9960	0.9869	0.9779	0.9581	0.9457
32.5	0.9938	0.9952	0.9854	0.9959	0.9845	0.9715	0.9495	0.9518
32.6	0.9935	0.9949	0.9878	0.9964	0.9844	0.9721	0.9469	0.9594
32.7	0.9940	0.9943	0.9916	0.9961	0.9857	0.9694	0.9445	0.9706
32.8	0.9949	0.9938	0.9924	0.9971	0.9887	0.9746	0.9472	0.9743
32.9	0.9950	0.9933	0.9927	0.9973	0.9894	0.9766	0.9557	0.9772
33.0	0.9967	0.9940	0.9934	0.9974	0.9897	0.9814	0.9551	0.9790
33.1	0.9965	0.9919	0.9943	0.9974	0.9907	0.9820	0.9623	0.9796
33.2	0.9965	0.9935	0.9941	0.9980	0.9925	0.9862	0.9704	0.9826
33.3	0.9971	0.9949	0.9946	0.9982	0.9929	0.9906	0.9797	0.9830
33.4	0.9958	0.9927	0.9930	0.9972	0.9900	0.9867	0.9736	0.9813
33.5	0.9969	0.9912	0.9922	0.9973	0.9914	0.9869	0.9804	0.9809
33.6	0.9967	0.9930	0.9921	0.9979	0.9915	0.9893	0.9840	0.9835
33.7	0.9974	0.9944	0.9950	0.9985	0.9939	0.9912	0.9863	0.9870

33.8	0.9963	0.9939	0.9913	0.9981	0.9914	0.9884	0.9859	0.9832
33.9	0.9969	0.9953	0.9915	0.9973	0.9933	0.9901	0.9830	0.9888
34.0	0.9971	0.9946	0.9916	0.9976	0.9943	0.9922	0.9813	0.9889
34.1	0.9965	0.9934	0.9895	0.9975	0.9923	0.9898	0.9805	0.9860
34.2	0.9966	0.9955	0.9918	0.9975	0.9911	0.9881	0.9822	0.9856
34.3	0.9963	0.9960	0.9934	0.9971	0.9919	0.9888	0.9843	0.9862
34.4	0.9956	0.9944	0.9927	0.9968	0.9891	0.9872	0.9830	0.9857
34.5	0.9952	0.9941	0.9928	0.9962	0.9893	0.9843	0.9792	0.9860
34.6	0.9942	0.9923	0.9920	0.9957	0.9883	0.9822	0.9789	0.9840
34.7	0.9951	0.9922	0.9919	0.9961	0.9881	0.9836	0.9818	0.9861
34.8	0.9962	0.9949	0.9943	0.9964	0.9909	0.9881	0.9864	0.9888
34.9	0.9951	0.9948	0.9960	0.9960	0.9906	0.9868	0.9859	0.9855
35.0	0.9958	0.9948	0.9968	0.9975	0.9907	0.9881	0.9843	0.9895
35.1	0.9964	0.9948	0.9969	0.9978	0.9932	0.9918	0.9900	0.9934
35.2	0.9965	0.9948	0.9969	0.9970	0.9925	0.9911	0.9901	0.9921
35.3	0.9964	0.9934	0.9946	0.9954	0.9905	0.9881	0.9881	0.9890
35.4	0.9943	0.9920	0.9928	0.9952	0.9851	0.9816	0.9835	0.9840
35.5	0.9941	0.9929	0.9933	0.9968	0.9872	0.9848	0.9860	0.9866
35.6	0.9948	0.9936	0.9920	0.9967	0.9879	0.9860	0.9870	0.9863
35.7	0.9953	0.9951	0.9903	0.9950	0.9899	0.9888	0.9894	0.9889
35.8	0.9937	0.9951	0.9873	0.9935	0.9889	0.9879	0.9892	0.9865
35.9	0.9943	0.9961	0.9882	0.9939	0.9922	0.9919	0.9916	0.9895
36.0	0.9950	0.9969	0.9889	0.9930	0.9937	0.9930	0.9932	0.9909
36.1	0.9938	0.9958	0.9842	0.9884	0.9928	0.9917	0.9921	0.9895
36.2	0.9941	0.9962	0.9875	0.9919	0.9939	0.9930	0.9927	0.9928
36.3	0.9954	0.9969	0.9878	0.9907	0.9946	0.9942	0.9943	0.9931
36.4	0.9950	0.9958	0.9875	0.9915	0.9933	0.9932	0.9940	0.9920
36.5	0.9947	0.9970	0.9917	0.9951	0.9944	0.9944	0.9937	0.9936
36.6	0.9955	0.9972	0.9902	0.9960	0.9940	0.9942	0.9926	0.9943
36.7	0.9947	0.9964	0.9887	0.9943	0.9928	0.9933	0.9921	0.9932
36.8	0.9953	0.9977	0.9918	0.9960	0.9951	0.9953	0.9937	0.9954
36.9	0.9954	0.9978	0.9914	0.9963	0.9950	0.9951	0.9933	0.9949
37.0	0.9950	0.9969	0.9897	0.9944	0.9939	0.9945	0.9933	0.9934
37.1	0.9943	0.9974	0.9916	0.9961	0.9925	0.9931	0.9923	0.9936
37.2	0.9941	0.9972	0.9908	0.9957	0.9918	0.9922	0.9908	0.9922
37.3	0.9930	0.9969	0.9899	0.9952	0.9907	0.9916	0.9910	0.9888
37.4	0.9926	0.9965	0.9883	0.9957	0.9921	0.9925	0.9893	0.9910
37.5	0.9926	0.9968	0.9890	0.9964	0.9907	0.9913	0.9843	0.9916
37.6	0.9906	0.9963	0.9895	0.9950	0.9902	0.9910	0.9807	0.9902
37.7	0.9874	0.9958	0.9874	0.9938	0.9913	0.9917	0.9773	0.9911
37.8	0.9883	0.9962	0.9832	0.9938	0.9902	0.9908	0.9779	0.9908
37.9	0.9870	0.9958	0.9803	0.9919	0.9892	0.9908	0.9688	0.9893
38.0	0.9860	0.9960	0.9788	0.9917	0.9894	0.9907	0.9720	0.9892
38.1	0.9897	0.9965	0.9875	0.9952	0.9914	0.9921	0.9713	0.9924
38.2	0.9865	0.9968	0.9916	0.9949	0.9911	0.9925	0.9702	0.9921
38.3	0.9879	0.9976	0.9932	0.9965	0.9939	0.9952	0.9729	0.9954
38.4	0.9850	0.9971	0.9915	0.9969	0.9935	0.9943	0.9703	0.9950
38.5	0.9846	0.9967	0.9918	0.9964	0.9929	0.9937	0.9734	0.9952
38.6	0.9790	0.9966	0.9906	0.9955	0.9913	0.9930	0.9685	0.9941
38.7	0.9813	0.9972	0.9924	0.9960	0.9931	0.9946	0.9753	0.9955
38.8	0.9833	0.9975	0.9930	0.9964	0.9930	0.9945	0.9766	0.9949
38.9	0.9810	0.9974	0.9917	0.9970	0.9922	0.9940	0.9811	0.9943
39.0	0.9841	0.9971	0.9912	0.9964	0.9919	0.9931	0.9766	0.9950
39.1	0.9684	0.9964	0.9900	0.9961	0.9896	0.9913	0.9724	0.9932
39.2	0.9729	0.9969	0.9908	0.9966	0.9925	0.9939	0.9816	0.9957
39.3	0.9687	0.9958	0.9885	0.9955	0.9921	0.9937	0.9793	0.9955
39.4	0.9614	0.9955	0.9881	0.9958	0.9886	0.9910	0.9748	0.9937
39.5	0.9545	0.9968	0.9897	0.9953	0.9880	0.9906	0.9775	0.9927
39.6	0.9465	0.9971	0.9913	0.9967	0.9904	0.9919	0.9825	0.9937
39.7	0.9458	0.9965	0.9905	0.9968	0.9902	0.9912	0.9842	0.9921
39.8	0.9509	0.9965	0.9904	0.9952	0.9891	0.9909	0.9833	0.9902
39.9	0.9231	0.9960	0.9894	0.9942	0.9893	0.9914	0.9802	0.9924
40.0	0.8713	0.9957	0.9886	0.9940	0.9858	0.9881	0.9745	0.9916
40.1	0.8216	0.9961	0.9878	0.9944	0.9857	0.9879	0.9760	0.9919
40.2	0.8098	0.9955	0.9899	0.9953	0.9885	0.9901	0.9778	0.9945
40.3	0.7757	0.9941	0.9853	0.9916	0.9834	0.9865	0.9691	0.9914
40.4	0.8410	0.9955	0.9863	0.9943	0.9839	0.9868	0.9743	0.9905
40.5	0.8138	0.9955	0.9881	0.9958	0.9856	0.9880	0.9769	0.9911
40.6	0.7856	0.9954	0.9866	0.9937	0.9887	0.9907	0.9812	0.9930
40.7	0.7815	0.9947	0.9875	0.9927	0.9861	0.9887	0.9770	0.9917
40.8	0.7780	0.9918	0.9795	0.9907	0.9788	0.9819	0.9657	0.9876
40.9	0.8165	0.9926	0.9828	0.9933	0.9808	0.9830	0.9702	0.9881
41.0	0.8282	0.9912	0.9832	0.9936	0.9775	0.9806	0.9637	0.9855
41.1	0.8712	0.9939	0.9844	0.9931	0.9822	0.9850	0.9720	0.9894
41.2	0.8741	0.9931	0.9781	0.9905	0.9784	0.9821	0.9687	0.9858
41.3	0.9145	0.9931	0.9797	0.9933	0.9805	0.9842	0.9737	0.9871
41.4	0.9299	0.9938	0.9792	0.9904	0.9796	0.9841	0.9718	0.9877
41.5	0.9323	0.9931	0.9802	0.9891	0.9783	0.9816	0.9686	0.9871
41.6	0.9321	0.9890	0.9687	0.9849	0.9714	0.9749	0.9634	0.9799
41.7	0.9260	0.9882	0.9693	0.9827	0.9681	0.9731	0.9589	0.9772
41.8	0.9197	0.9875	0.9741	0.9802	0.9645	0.9716	0.9543	0.9762
41.9	0.9468	0.9892	0.9796	0.9807	0.9683	0.9739	0.9574	0.9793
42.0	0.9548	0.9884	0.9780	0.9803	0.9685	0.9741	0.9560	0.9795
42.1	0.9383	0.9882	0.9736	0.9775	0.9690	0.9748	0.9569	0.9808
42.2	0.9346	0.9871	0.9693	0.9753	0.9670	0.9725	0.9519	0.9786
42.3	0.9324	0.9871	0.9644	0.9776	0.9711	0.9746	0.9465	0.9800

42.4	0.9330	0.9919	0.9747	0.9790	0.9750	0.9796	0.9613	0.9823
42.5	0.9257	0.9873	0.9778	0.9719	0.9677	0.9741	0.9554	0.9756
42.6	0.9264	0.9865	0.9695	0.9689	0.9576	0.9629	0.9392	0.9683
42.7	0.9318	0.9869	0.9770	0.9802	0.9642	0.9690	0.9492	0.9720
42.8	0.8998	0.9791	0.9690	0.9722	0.9448	0.9558	0.9307	0.9566
42.9	0.9217	0.9827	0.9648	0.9751	0.9480	0.9574	0.9375	0.9555
43.0	0.9432	0.9884	0.9791	0.9771	0.9662	0.9709	0.9585	0.9686
43.1	0.9223	0.9823	0.9787	0.9810	0.9572	0.9628	0.9453	0.9647
43.2	0.9446	0.9863	0.9813	0.9860	0.9643	0.9690	0.9575	0.9669
43.3	0.9530	0.9854	0.9777	0.9809	0.9668	0.9704	0.9589	0.9674
43.4	0.9409	0.9781	0.9759	0.9707	0.9514	0.9569	0.9356	0.9622
43.5	0.9314	0.9816	0.9833	0.9733	0.9561	0.9600	0.9431	0.9611
43.6	0.9371	0.9804	0.9730	0.9718	0.9594	0.9633	0.9481	0.9656
43.7	0.9417	0.9789	0.9680	0.9765	0.9628	0.9659	0.9508	0.9730
43.8	0.9610	0.9793	0.9781	0.9733	0.9692	0.9712	0.9618	0.9734
43.9	0.9706	0.9763	0.9724	0.9688	0.9673	0.9689	0.9594	0.9720
44.0	0.9342	0.9693	0.9608	0.9479	0.9476	0.9555	0.9357	0.9551
44.1	0.9177	0.9673	0.9586	0.9285	0.9420	0.9455	0.9301	0.9432
44.2	0.9364	0.9666	0.9482	0.9351	0.9396	0.9399	0.9265	0.9451
44.3	0.9214	0.9538	0.9499	0.9228	0.9255	0.9264	0.9086	0.9284
44.4	0.9206	0.9549	0.9487	0.9345	0.9410	0.9398	0.9263	0.9458
44.5	0.8984	0.9525	0.9409	0.9107	0.9210	0.9160	0.9010	0.9296
44.6	0.9016	0.9534	0.9441	0.8610	0.9241	0.9184	0.9047	0.9309
44.7	0.8967	0.9679	0.9596	0.9020	0.9549	0.9519	0.9459	0.9537
44.8	0.8293	0.9548	0.9518	0.8377	0.9406	0.9385	0.9345	0.9370
44.9	0.8518	0.9620	0.9573	0.8976	0.9494	0.9456	0.9430	0.9473
45.0	0.8528	0.9611	0.9450	0.8820	0.9441	0.9320	0.9289	0.9397
45.1	0.8421	0.9549	0.9330	0.8639	0.9321	0.9194	0.9140	0.9356
45.2	0.8616	0.9505	0.9544	0.8349	0.9451	0.9388	0.9333	0.9456
45.3	0.8824	0.9588	0.9498	0.8496	0.9524	0.9482	0.9416	0.9550
45.4	0.8661	0.9599	0.9469	0.8212	0.9552	0.9488	0.9350	0.9590
45.5	0.8141	0.9460	0.9177	0.6324	0.9407	0.9228	0.9163	0.9385
45.6	0.8112	0.9351	0.9329	0.5379	0.9374	0.9248	0.9243	0.9337
45.7	0.8181	0.9415	0.9312	0.3075	0.9477	0.9370	0.9368	0.9421
45.8	0.8058	0.9397	0.9094	0.1006	0.9537	0.9413	0.9470	0.9480
45.9	0.8204	0.9488	0.9138	0.0431	0.9610	0.9542	0.9552	0.9551
46.0	0.8646	0.9533	0.9360	0.1563	0.9686	0.9617	0.9653	0.9630
46.1	0.8541	0.9448	0.9078	0.1198	0.9665	0.9637	0.9656	0.9606
46.2	0.8511	0.9313	0.8882	0.0412	0.9688	0.9648	0.9609	0.9551
46.3	0.8754	0.9234	0.8964	0.1967	0.9686	0.9635	0.9557	0.9455
46.4	0.9118	0.9544	0.9437	0.5536	0.9765	0.9724	0.9746	0.9684
46.5	0.9138	0.9586	0.9387	0.5085	0.9789	0.9746	0.9781	0.9667
46.6	0.8860	0.9267	0.9152	0.5031	0.9648	0.9562	0.9583	0.9474
46.7	0.8897	0.9139	0.9052	0.7082	0.9608	0.9543	0.9553	0.9486
46.8	0.9008	0.9300	0.9540	0.7076	0.9695	0.9654	0.9717	0.9613
46.9	0.9240	0.9375	0.9713	0.7635	0.9724	0.9682	0.9783	0.9627
47.0	0.9258	0.9223	0.9511	0.8596	0.9660	0.9604	0.9740	0.9524
47.1	0.9316	0.9207	0.9453	0.8801	0.9626	0.9545	0.9710	0.9430
47.2	0.9372	0.9265	0.9539	0.8925	0.9645	0.9560	0.9695	0.9455
47.3	0.9545	0.9373	0.9536	0.9112	0.9699	0.9646	0.9711	0.9534
47.4	0.9525	0.9175	0.9120	0.8789	0.9632	0.9563	0.9608	0.9368
47.5	0.9433	0.8913	0.7731	0.7907	0.9480	0.9382	0.9405	0.9102
47.6	0.9414	0.8688	0.7655	0.7628	0.9447	0.9342	0.9386	0.9052
47.7	0.9411	0.8745	0.8566	0.8582	0.9508	0.9408	0.9502	0.9223
47.8	0.9541	0.8848	0.9151	0.9179	0.9593	0.9513	0.9679	0.9387
47.9	0.9505	0.8569	0.8834	0.9069	0.9525	0.9446	0.9686	0.9302
48.0	0.9574	0.8625	0.8105	0.9126	0.9570	0.9496	0.9719	0.9377
48.1	0.9685	0.8969	0.7955	0.9144	0.9661	0.9601	0.9690	0.9494
48.2	0.9659	0.8730	0.8288	0.9009	0.9594	0.9526	0.9588	0.9311
48.3	0.9756	0.8806	0.7984	0.8999	0.9685	0.9640	0.9657	0.9468
48.4	0.9751	0.8357	0.7710	0.8822	0.9654	0.9591	0.9691	0.9422
48.5	0.9746	0.8207	0.8673	0.9147	0.9672	0.9590	0.9754	0.9477
48.6	0.9705	0.7576	0.8897	0.9130	0.9584	0.9528	0.9730	0.9384
48.7	0.9687	0.7730	0.8907	0.9112	0.9554	0.9499	0.9698	0.9330
48.8	0.9665	0.7420	0.8367	0.9104	0.9474	0.9419	0.9570	0.9170
48.9	0.9694	0.6641	0.7009	0.8865	0.9480	0.9431	0.9476	0.8956
49.0	0.9640	0.5820	0.7221	0.7809	0.9392	0.9381	0.9407	0.8674
49.1	0.9624	0.6040	0.7763	0.7451	0.9354	0.9335	0.9393	0.8566
49.2	0.9703	0.5538	0.8159	0.8005	0.9412	0.9365	0.9483	0.8831
49.3	0.9777	0.5796	0.8003	0.8173	0.9561	0.9547	0.9592	0.9195
49.4	0.9787	0.5356	0.7346	0.7594	0.9614	0.9604	0.9591	0.8978
49.5	0.8874	0.1809	0.2252	0.1993	0.8205	0.8443	0.7363	0.5034
49.6	0.7994	0.2173	0.0908	0.0371	0.7046	0.7511	0.5549	0.2985
49.7	0.9310	0.5025	0.2705	0.1705	0.8921	0.9083	0.8258	0.5657
49.8	0.9775	0.5592	0.7533	0.6598	0.9615	0.9631	0.9540	0.8697
49.9	0.9545	0.2981	0.5946	0.5105	0.9294	0.9371	0.9225	0.7724
50.0	0.9563	0.4767	0.7354	0.5332	0.9364	0.9407	0.9348	0.8360
50.1	0.9784	0.7660	0.9106	0.8279	0.9677	0.9687	0.9698	0.9338
50.2	0.9824	0.7112	0.8884	0.8377	0.9732	0.9738	0.9706	0.9384
50.3	0.9801	0.7316	0.8851	0.8526	0.9717	0.9702	0.9706	0.9445
50.4	0.9758	0.6375	0.8848	0.8740	0.9653	0.9667	0.9714	0.9305
50.5	0.9721	0.6236	0.9001	0.8769	0.9642	0.9667	0.9702	0.9299
50.6	0.9785	0.7178	0.9318	0.8855	0.9724	0.9736	0.9764	0.9537
50.7	0.9849	0.7447	0.9408	0.8832	0.9768	0.9784	0.9823	0.9643
50.8	0.9799	0.7811	0.9334	0.8603	0.9736	0.9750	0.9786	0.9596
50.9	0.9797	0.8374	0.9511	0.8853	0.9728	0.9732	0.9762	0.9626

51.0	0.9827	0.8522	0.9711	0.9106	0.9748	0.9762	0.9789	0.9670
51.1	0.9831	0.8896	0.9623	0.9161	0.9776	0.9786	0.9808	0.9688
51.2	0.9761	0.8443	0.9376	0.8754	0.9827	0.9837	0.9829	0.9697
51.3	0.9734	0.8364	0.9206	0.8063	0.9769	0.9792	0.9757	0.9578
51.4	0.9785	0.8997	0.9627	0.8311	0.9739	0.9768	0.9752	0.9639
51.5	0.9821	0.9254	0.9771	0.9039	0.9770	0.9803	0.9784	0.9740
51.6	0.9853	0.9473	0.9759	0.9520	0.9793	0.9810	0.9810	0.9763
51.7	0.9858	0.9494	0.9821	0.9619	0.9778	0.9786	0.9789	0.9749
51.8	0.9856	0.9459	0.9746	0.9579	0.9754	0.9772	0.9779	0.9736
51.9	0.9823	0.9499	0.9490	0.9346	0.9741	0.9765	0.9780	0.9738
52.0	0.9866	0.9709	0.9621	0.9516	0.9806	0.9822	0.9837	0.9802
52.1	0.9798	0.9605	0.9570	0.9479	0.9723	0.9741	0.9746	0.9712
52.2	0.9828	0.9665	0.9495	0.9660	0.9743	0.9769	0.9775	0.9742
52.3	0.9821	0.9621	0.9168	0.9478	0.9720	0.9753	0.9758	0.9705
52.4	0.9829	0.9602	0.9221	0.9288	0.9727	0.9748	0.9770	0.9713
52.5	0.9816	0.9691	0.9569	0.9447	0.9733	0.9751	0.9755	0.9732
52.6	0.9804	0.9734	0.9438	0.9530	0.9745	0.9762	0.9766	0.9737
52.7	0.9817	0.9789	0.9473	0.9486	0.9792	0.9809	0.9798	0.9805
52.8	0.9808	0.9804	0.9491	0.9597	0.9807	0.9833	0.9819	0.9809
52.9	0.9836	0.9809	0.9415	0.9605	0.9836	0.9866	0.9855	0.9836
53.0	0.9773	0.9845	0.9357	0.9614	0.9825	0.9849	0.9835	0.9827
53.1	0.9673	0.9777	0.9225	0.9670	0.9736	0.9771	0.9751	0.9733
53.2	0.9727	0.9807	0.9148	0.9701	0.9791	0.9813	0.9783	0.9799
53.3	0.9733	0.9795	0.8881	0.9732	0.9777	0.9804	0.9785	0.9775
53.4	0.9611	0.9827	0.8535	0.9775	0.9789	0.9824	0.9800	0.9801
53.5	0.9554	0.9843	0.8444	0.9724	0.9807	0.9818	0.9788	0.9825
53.6	0.9646	0.9864	0.9016	0.9763	0.9843	0.9851	0.9826	0.9855
53.7	0.9675	0.9841	0.8607	0.9741	0.9816	0.9834	0.9799	0.9826
53.8	0.9761	0.9904	0.8894	0.9757	0.9856	0.9871	0.9850	0.9860
53.9	0.9671	0.9898	0.8603	0.9796	0.9863	0.9875	0.9853	0.9867
54.0	0.9538	0.9862	0.8157	0.9805	0.9830	0.9835	0.9821	0.9837
54.1	0.9301	0.9795	0.6429	0.9643	0.9784	0.9790	0.9779	0.9796
54.2	0.9355	0.9848	0.7060	0.9501	0.9802	0.9830	0.9788	0.9818
54.3	0.9230	0.9873	0.7856	0.9688	0.9813	0.9840	0.9801	0.9831
54.4	0.8729	0.9860	0.6915	0.9715	0.9795	0.9825	0.9783	0.9813
54.5	0.8565	0.9839	0.6555	0.9744	0.9788	0.9821	0.9759	0.9818
54.6	0.8796	0.9861	0.7772	0.9652	0.9822	0.9859	0.9816	0.9841
54.7	0.8837	0.9851	0.8533	0.9420	0.9804	0.9828	0.9787	0.9808
54.8	0.8309	0.9837	0.9102	0.9514	0.9803	0.9824	0.9776	0.9821
54.9	0.8373	0.9894	0.8904	0.9530	0.9856	0.9874	0.9845	0.9864
55.0	0.7438	0.9882	0.8587	0.9495	0.9829	0.9836	0.9798	0.9842
55.1	0.6917	0.9897	0.9019	0.9509	0.9867	0.9873	0.9821	0.9881
55.2	0.5892	0.9879	0.9080	0.9374	0.9840	0.9860	0.9816	0.9867
55.3	0.5663	0.9862	0.9243	0.9221	0.9836	0.9853	0.9827	0.9860
55.4	0.3494	0.9862	0.9390	0.8982	0.9797	0.9810	0.9762	0.9822
55.5	0.0709	0.9856	0.9357	0.9084	0.9799	0.9818	0.9765	0.9819
55.6	0.0239	0.9838	0.9005	0.9243	0.9772	0.9797	0.9745	0.9808
55.7	0.0061	0.9894	0.9226	0.9462	0.9825	0.9833	0.9798	0.9855
55.8	0.1216	0.9891	0.9389	0.9244	0.9821	0.9818	0.9768	0.9849
55.9	0.3680	0.9866	0.9406	0.9296	0.9819	0.9826	0.9777	0.9847
56.0	0.4945	0.9870	0.9449	0.9026	0.9844	0.9839	0.9802	0.9854
56.1	0.6206	0.9864	0.9293	0.9166	0.9808	0.9809	0.9749	0.9826
56.2	0.7578	0.9816	0.9221	0.9395	0.9798	0.9792	0.9749	0.9818
56.3	0.8560	0.9852	0.9325	0.9424	0.9833	0.9830	0.9791	0.9848
56.4	0.8755	0.9893	0.9445	0.9457	0.9870	0.9865	0.9829	0.9881
56.5	0.8838	0.9865	0.9221	0.9326	0.9774	0.9769	0.9726	0.9792
56.6	0.8842	0.9867	0.9280	0.9131	0.9763	0.9745	0.9711	0.9749
56.7	0.9252	0.9851	0.9418	0.9357	0.9827	0.9806	0.9768	0.9821
56.8	0.9363	0.9863	0.9546	0.9479	0.9749	0.9723	0.9673	0.9754
56.9	0.9465	0.9843	0.9556	0.9520	0.9702	0.9677	0.9614	0.9692
57.0	0.9445	0.9872	0.9637	0.9578	0.9747	0.9701	0.9640	0.9710
57.1	0.9389	0.9873	0.9477	0.9337	0.9711	0.9663	0.9567	0.9702
57.2	0.9564	0.9886	0.9491	0.9518	0.9761	0.9713	0.9658	0.9743
57.3	0.9544	0.9880	0.9529	0.9618	0.9657	0.9604	0.9569	0.9611
57.4	0.9523	0.9834	0.9487	0.9623	0.9562	0.9488	0.9442	0.9462
57.5	0.9477	0.9825	0.9531	0.9601	0.9621	0.9515	0.9493	0.9543
57.6	0.9570	0.9881	0.9673	0.9670	0.9620	0.9512	0.9517	0.9567
57.7	0.9663	0.9898	0.9606	0.9771	0.9682	0.9607	0.9582	0.9653
57.8	0.9746	0.9851	0.9573	0.9789	0.9764	0.9657	0.9643	0.9704
57.9	0.9680	0.9831	0.9506	0.9622	0.9682	0.9552	0.9549	0.9598
58.0	0.9826	0.9881	0.9662	0.9741	0.9716	0.9612	0.9611	0.9610
58.1	0.9798	0.9864	0.9730	0.9740	0.9635	0.9463	0.9533	0.9507
58.2	0.9817	0.9848	0.9724	0.9755	0.9605	0.9371	0.9486	0.9494
58.3	0.9850	0.9857	0.9742	0.9805	0.9670	0.9487	0.9522	0.9570
58.4	0.9775	0.9803	0.9695	0.9805	0.9486	0.9067	0.9125	0.9182
58.5	0.9823	0.9770	0.9628	0.9748	0.9386	0.8771	0.8971	0.8936
58.6	0.9872	0.9802	0.9642	0.9810	0.9359	0.8822	0.8994	0.8939
58.7	0.9887	0.9821	0.9670	0.9875	0.9439	0.8872	0.9117	0.8922
58.8	0.9822	0.9739	0.9560	0.9827	0.9126	0.8071	0.8581	0.8229
58.9	0.9824	0.9720	0.9574	0.9808	0.8900	0.7530	0.7993	0.8009
59.0	0.9824	0.9751	0.9671	0.9818	0.8499	0.6457	0.7184	0.6985
59.1	0.9871	0.9806	0.9765	0.9876	0.8677	0.6186	0.7226	0.7026
59.2	0.9906	0.9801	0.9778	0.9871	0.8487	0.5578	0.6512	0.6799
59.3	0.9893	0.9817	0.9729	0.9814	0.7244	0.4677	0.3700	0.5692
59.4	0.9917	0.9853	0.9813	0.9843	0.6943	0.6476	0.1930	0.6450
59.5	0.9898	0.9850	0.9753	0.9829	0.4447	0.6067	0.0691	0.5491

59.6	0.9880	0.9813	0.9773	0.9842	0.3912	0.7297	0.3901	0.6758
59.7	0.9879	0.9740	0.9771	0.9821	0.5066	0.8122	0.5911	0.7716
59.8	0.9890	0.9780	0.9849	0.9813	0.6279	0.8680	0.7328	0.8301
59.9	0.5178	0.3333	0.7273	0.8366	0.5794	0.8281	0.7665	0.6923
60.0	0.2582	0.1648	0.5071	0.6264	0.3696	0.6148	0.6465	0.4138
60.1	0.4343	0.2819	0.7548	0.8555	0.7300	0.8469	0.8322	0.7862
60.2	0.9872	0.9831	0.9813	0.9716	0.8823	0.9266	0.9006	0.9160
60.3	0.9847	0.9830	0.9806	0.9691	0.9031	0.9338	0.9132	0.9235
60.4	0.9870	0.9817	0.9771	0.9714	0.9200	0.9410	0.9273	0.9295
60.5	0.9886	0.9869	0.9806	0.9763	0.9303	0.9498	0.9389	0.9420
60.6	0.9854	0.9829	0.9756	0.9705	0.9148	0.9358	0.9243	0.9195
60.7	0.9813	0.9792	0.9693	0.9728	0.9277	0.9398	0.9351	0.9224
60.8	0.9848	0.9848	0.9755	0.9806	0.9414	0.9499	0.9480	0.9417
60.9	0.9849	0.9789	0.9652	0.9738	0.9235	0.9361	0.9330	0.9255
61.0	0.9826	0.9824	0.9698	0.9797	0.9413	0.9482	0.9457	0.9348
61.1	0.9835	0.9826	0.9773	0.9822	0.9536	0.9615	0.9611	0.9472
61.2	0.9856	0.9821	0.9731	0.9829	0.9676	0.9698	0.9714	0.9620
61.3	0.9871	0.9781	0.9691	0.9803	0.9570	0.9592	0.9626	0.9484
61.4	0.9834	0.9805	0.9614	0.9843	0.9516	0.9542	0.9596	0.9411
61.5	0.9828	0.9874	0.9652	0.9837	0.9659	0.9670	0.9702	0.9563
61.6	0.9867	0.9859	0.9742	0.9859	0.9728	0.9718	0.9735	0.9636
61.7	0.9893	0.9847	0.9724	0.9856	0.9665	0.9656	0.9707	0.9529
61.8	0.9894	0.9788	0.9676	0.9837	0.9619	0.9592	0.9710	0.9440
61.9	0.9852	0.9777	0.9597	0.9841	0.9646	0.9611	0.9732	0.9472
62.0	0.9857	0.9793	0.9591	0.9862	0.9669	0.9629	0.9724	0.9464
62.1	0.9853	0.9772	0.9570	0.9875	0.9706	0.9660	0.9757	0.9485
62.2	0.9882	0.9820	0.9696	0.9915	0.9756	0.9743	0.9806	0.9595
62.3	0.9860	0.9819	0.9648	0.9897	0.9710	0.9693	0.9760	0.9521
62.4	0.9862	0.9834	0.9598	0.9857	0.9663	0.9634	0.9749	0.9408
62.5	0.9847	0.9800	0.9534	0.9866	0.9649	0.9590	0.9762	0.9361
62.6	0.9865	0.9820	0.9568	0.9892	0.9698	0.9598	0.9769	0.9371
62.7	0.9869	0.9833	0.9456	0.9892	0.9747	0.9673	0.9827	0.9432
62.8	0.9823	0.9752	0.9528	0.9883	0.9659	0.9552	0.9770	0.9290
62.9	0.9793	0.9729	0.9498	0.9854	0.9693	0.9608	0.9776	0.9383
63.0	0.9814	0.9796	0.9580	0.9879	0.9712	0.9667	0.9796	0.9414
63.1	0.9868	0.9869	0.9699	0.9912	0.9754	0.9699	0.9842	0.9414
63.2	0.9871	0.9849	0.9690	0.9918	0.9736	0.9713	0.9851	0.9312
63.3	0.9811	0.9748	0.9586	0.9877	0.9592	0.9510	0.9756	0.8961
63.4	0.9829	0.9741	0.9570	0.9882	0.9637	0.9499	0.9795	0.9047
63.5	0.9809	0.9806	0.9448	0.9885	0.9666	0.9504	0.9796	0.9092
63.6	0.9820	0.9820	0.9435	0.9886	0.9655	0.9556	0.9811	0.9066
63.7	0.9790	0.9819	0.9526	0.9902	0.9665	0.9557	0.9802	0.8992
63.8	0.9807	0.9831	0.9666	0.9904	0.9682	0.9561	0.9825	0.9025
63.9	0.9860	0.9826	0.9655	0.9914	0.9637	0.9497	0.9813	0.8904
64.0	0.9837	0.9845	0.9600	0.9908	0.9608	0.9387	0.9793	0.8718
64.1	0.9842	0.9844	0.9520	0.9895	0.9439	0.9082	0.9678	0.8381
64.2	0.9862	0.9854	0.9594	0.9897	0.9455	0.9092	0.9683	0.8363
64.3	0.9832	0.9824	0.9670	0.9891	0.9522	0.9207	0.9729	0.8425
64.4	0.9747	0.9817	0.9505	0.9875	0.9361	0.8965	0.9622	0.7915
64.5	0.9803	0.9800	0.9606	0.9893	0.9536	0.9222	0.9724	0.8142
64.6	0.9844	0.9821	0.9580	0.9894	0.9531	0.9144	0.9748	0.8033
64.7	0.9831	0.9832	0.9545	0.9871	0.9453	0.8980	0.9730	0.7459
64.8	0.9756	0.9828	0.9608	0.9876	0.9521	0.9086	0.9752	0.7719
64.9	0.9781	0.9864	0.9598	0.9907	0.9510	0.9040	0.9734	0.7570
65.0	0.9803	0.9820	0.9600	0.9908	0.9433	0.8895	0.9716	0.6967
65.1	0.9765	0.9783	0.9459	0.9884	0.9311	0.8574	0.9645	0.6219
65.2	0.9776	0.9832	0.9584	0.9888	0.9294	0.8551	0.9649	0.5929
65.3	0.9724	0.9823	0.9593	0.9855	0.8848	0.7800	0.9474	0.3576
65.4	0.9703	0.9814	0.9527	0.9865	0.9046	0.8127	0.9589	0.4026
65.5	0.9758	0.9825	0.9583	0.9873	0.8926	0.7373	0.9384	0.3695
65.6	0.9706	0.9822	0.9535	0.9880	0.8692	0.6427	0.9302	0.1563
65.7	0.9671	0.9752	0.9346	0.9847	0.8194	0.5329	0.9199	0.0949
65.8	0.9703	0.9813	0.9459	0.9877	0.8402	0.6011	0.9242	0.1499
65.9	0.9779	0.9825	0.9643	0.9917	0.8600	0.6151	0.9305	0.1610
66.0	0.9734	0.9712	0.9553	0.9858	0.7906	0.4932	0.9032	0.1491
66.1	0.9738	0.9729	0.9585	0.9869	0.7247	0.3746	0.8739	0.1227
66.2	0.9820	0.9791	0.9759	0.9912	0.7969	0.4850	0.9175	0.2055
66.3	0.9836	0.9821	0.9721	0.9905	0.8164	0.5409	0.9259	0.3341
66.4	0.9846	0.9792	0.9700	0.9902	0.8006	0.5210	0.9057	0.3945
66.5	0.9811	0.9799	0.9685	0.9906	0.7717	0.5022	0.8944	0.4996
66.6	0.9766	0.9749	0.9655	0.9897	0.6166	0.3477	0.8270	0.5030
66.7	0.9701	0.9687	0.9614	0.9882	0.5362	0.3191	0.7977	0.4591
66.8	0.9769	0.9772	0.9740	0.9910	0.6348	0.5348	0.8495	0.6826
66.9	0.9836	0.9705	0.9687	0.9920	0.6491	0.5418	0.8751	0.7531
67.0	0.9813	0.9630	0.9676	0.9916	0.4758	0.5355	0.8007	0.7441
67.1	0.9743	0.9715	0.9642	0.9917	0.3263	0.4894	0.7024	0.7108
67.2	0.9751	0.9670	0.9614	0.9903	0.3329	0.5119	0.7451	0.7246
67.3	0.9821	0.9623	0.9711	0.9896	0.2231	0.6280	0.7354	0.8034
67.4	0.9823	0.9645	0.9729	0.9904	0.1530	0.6950	0.6945	0.8265
67.5	0.9848	0.9562	0.9723	0.9933	0.1826	0.7115	0.6174	0.8502
67.6	0.9786	0.9609	0.9650	0.9906	0.0728	0.6888	0.4709	0.8308
67.7	0.9742	0.9575	0.9533	0.9889	0.0086	0.7156	0.4410	0.8096
67.8	0.9734	0.9389	0.9475	0.9888	0.0422	0.7276	0.3817	0.8200
67.9	0.9776	0.9425	0.9608	0.9908	0.0843	0.7840	0.3433	0.8723
68.0	0.9770	0.9420	0.9620	0.9891	0.1617	0.8008	0.2599	0.8841
68.1	0.9781	0.9198	0.9485	0.9896	0.2004	0.7858	0.3008	0.8827

68.2	0.9805	0.9192	0.9512	0.9900	0.3492	0.8267	0.5569	0.9080
68.3	0.9832	0.9490	0.9580	0.9916	0.5663	0.8958	0.5001	0.9400
68.4	0.9817	0.9410	0.9587	0.9915	0.6070	0.8911	0.5348	0.9377
68.5	0.9776	0.9257	0.9532	0.9910	0.6138	0.8838	0.5290	0.9374
68.6	0.9784	0.9285	0.9566	0.9900	0.7010	0.8879	0.6481	0.9429
68.7	0.9794	0.9161	0.9541	0.9880	0.7103	0.8862	0.6916	0.9328
68.8	0.9772	0.9129	0.9501	0.9853	0.7249	0.8929	0.7096	0.9334
68.9	0.9776	0.9410	0.9421	0.9865	0.8386	0.9292	0.7863	0.9606
69.0	0.9787	0.9476	0.9371	0.9900	0.8379	0.9266	0.8024	0.9517
69.1	0.9726	0.9399	0.9131	0.9897	0.8314	0.9067	0.8381	0.9431
69.2	0.9760	0.9222	0.9093	0.9891	0.8717	0.9295	0.8796	0.9542
69.3	0.9790	0.9211	0.9293	0.9862	0.8801	0.9345	0.8775	0.9585
69.4	0.9804	0.9417	0.9369	0.9875	0.9072	0.9387	0.9222	0.9605
69.5	0.9813	0.9428	0.9379	0.9854	0.9223	0.9519	0.9456	0.9715
69.6	0.9808	0.9475	0.9309	0.9871	0.9401	0.9533	0.9599	0.9753
69.7	0.9762	0.9428	0.9085	0.9874	0.9396	0.9496	0.9630	0.9760
69.8	0.9743	0.9308	0.8851	0.9829	0.9200	0.9504	0.9552	0.9733
69.9	0.9596	0.9082	0.8532	0.9713	0.9043	0.9430	0.9595	0.9624
70.0	0.9667	0.9397	0.8795	0.9763	0.9346	0.9537	0.9661	0.9750
70.1	0.9682	0.9544	0.8926	0.9810	0.9443	0.9502	0.9714	0.9782
70.2	0.9687	0.9544	0.8899	0.9849	0.9470	0.9447	0.9757	0.9771
70.3	0.9718	0.9600	0.8841	0.9859	0.9442	0.9444	0.9707	0.9781
70.4	0.9720	0.9582	0.8854	0.9834	0.9454	0.9613	0.9750	0.9843
70.5	0.9752	0.9572	0.8964	0.9840	0.9529	0.9638	0.9759	0.9830
70.6	0.9775	0.9637	0.9133	0.9864	0.9537	0.9660	0.9806	0.9833
70.7	0.9747	0.9685	0.9270	0.9880	0.9578	0.9590	0.9808	0.9870
70.8	0.9770	0.9698	0.9277	0.9878	0.9557	0.9512	0.9812	0.9856
70.9	0.9671	0.9578	0.9022	0.9825	0.9459	0.9623	0.9805	0.9868
71.0	0.9695	0.9653	0.9160	0.9838	0.9455	0.9617	0.9838	0.9858
71.1	0.9641	0.9635	0.9158	0.9820	0.9530	0.9642	0.9855	0.9880
71.2	0.9538	0.9586	0.8980	0.9778	0.9387	0.9538	0.9784	0.9858
71.3	0.9631	0.9620	0.9115	0.9791	0.9175	0.9511	0.9717	0.9864
71.4	0.9601	0.9600	0.9064	0.9781	0.9236	0.9531	0.9726	0.9913
71.5	0.9702	0.9650	0.9257	0.9833	0.9178	0.9606	0.9735	0.9922
71.6	0.9694	0.9695	0.9435	0.9851	0.9300	0.9540	0.9686	0.9889
71.7	0.9657	0.9657	0.9331	0.9822	0.9221	0.9540	0.9712	0.9892
71.8	0.9652	0.9563	0.9263	0.9792	0.8984	0.9489	0.9618	0.9867
71.9	0.9714	0.9687	0.9454	0.9824	0.9111	0.9517	0.9658	0.9890
72.0	0.9663	0.9639	0.9432	0.9814	0.9188	0.9583	0.9747	0.9880
72.1	0.9749	0.9710	0.9538	0.9864	0.9227	0.9627	0.9681	0.9895
72.2	0.9743	0.9720	0.9563	0.9856	0.9190	0.9697	0.9595	0.9910
72.3	0.9761	0.9739	0.9627	0.9864	0.9230	0.9677	0.9569	0.9914
72.4	0.9719	0.9672	0.9609	0.9820	0.8996	0.9637	0.9506	0.9903
72.5	0.9616	0.9537	0.9465	0.9720	0.8578	0.9625	0.9211	0.9887
72.6	0.9746	0.9695	0.9601	0.9815	0.8651	0.9699	0.9257	0.9915
72.7	0.9697	0.9620	0.9537	0.9799	0.8767	0.9742	0.8916	0.9904
72.8	0.9767	0.9697	0.9665	0.9831	0.9104	0.9765	0.9001	0.9904
72.9	0.9748	0.9611	0.9656	0.9831	0.8821	0.9760	0.9164	0.9883
73.0	0.9674	0.9467	0.9571	0.9757	0.7749	0.9659	0.8805	0.9817
73.1	0.9717	0.9566	0.9633	0.9787	0.7889	0.9637	0.8586	0.9867
73.2	0.9765	0.9623	0.9705	0.9816	0.8484	0.9735	0.8309	0.9901
73.3	0.9850	0.9765	0.9800	0.9875	0.8549	0.9789	0.8034	0.9917
73.4	0.9862	0.9717	0.9802	0.9876	0.8368	0.9858	0.8750	0.9918
73.5	0.9800	0.9650	0.9764	0.9847	0.7881	0.9789	0.8297	0.9912
73.6	0.9799	0.9685	0.9789	0.9835	0.7827	0.9779	0.8183	0.9885
73.7	0.9850	0.9703	0.9808	0.9855	0.8327	0.9821	0.8477	0.9885
73.8	0.9860	0.9705	0.9832	0.9865	0.7989	0.9757	0.8231	0.9864
73.9	0.9886	0.9667	0.9817	0.9891	0.7440	0.9727	0.8355	0.9858
74.0	0.9852	0.9588	0.9760	0.9870	0.7346	0.9715	0.8585	0.9847
74.1	0.9840	0.9589	0.9771	0.9850	0.7409	0.9731	0.8715	0.9845
74.2	0.9844	0.9538	0.9738	0.9836	0.7060	0.9759	0.8753	0.9800
74.3	0.9835	0.9514	0.9771	0.9805	0.7204	0.9710	0.8849	0.9824
74.4	0.9849	0.9491	0.9809	0.9847	0.7722	0.9710	0.8841	0.9826
74.5	0.9894	0.9597	0.9858	0.9883	0.8152	0.9784	0.9287	0.9841
74.6	0.9904	0.9656	0.9867	0.9905	0.8487	0.9812	0.9401	0.9861
74.7	0.9913	0.9629	0.9876	0.9922	0.8015	0.9832	0.9559	0.9873
74.8	0.9890	0.9486	0.9848	0.9897	0.7861	0.9784	0.9493	0.9867
74.9	0.9847	0.9413	0.9759	0.9863	0.7273	0.9591	0.9285	0.9770
75.0	0.9885	0.9527	0.9851	0.9890	0.7658	0.9684	0.9389	0.9822
75.1	0.9854	0.9556	0.9804	0.9868	0.8255	0.9769	0.9591	0.9813
75.2	0.9820	0.9241	0.9698	0.9799	0.7037	0.9704	0.9564	0.9769
75.3	0.9854	0.9349	0.9749	0.9826	0.7545	0.9705	0.9560	0.9792
75.4	0.9891	0.9535	0.9807	0.9897	0.8102	0.9753	0.9628	0.9820
75.5	0.9868	0.9467	0.9769	0.9891	0.8035	0.9709	0.9659	0.9817
75.6	0.9872	0.9578	0.9794	0.9891	0.8456	0.9704	0.9735	0.9861
75.7	0.9887	0.9645	0.9835	0.9899	0.8746	0.9728	0.9779	0.9861
75.8	0.9887	0.9718	0.9827	0.9920	0.8675	0.9722	0.9801	0.9865
75.9	0.9853	0.9650	0.9764	0.9911	0.8288	0.9669	0.9798	0.9820
76.0	0.9877	0.9768	0.9796	0.9895	0.8630	0.9682	0.9805	0.9848
76.1	0.9878	0.9775	0.9797	0.9870	0.8773	0.9590	0.9749	0.9845
76.2	0.9820	0.9697	0.9776	0.9879	0.8303	0.9462	0.9668	0.9827
76.3	0.9806	0.9738	0.9786	0.9881	0.8799	0.9539	0.9727	0.9853
76.4	0.9831	0.9747	0.9756	0.9881	0.8968	0.9619	0.9682	0.9863
76.5	0.9868	0.9772	0.9782	0.9912	0.8895	0.9696	0.9741	0.9889
76.6	0.9882	0.9831	0.9814	0.9930	0.9195	0.9764	0.9758	0.9899
76.7	0.9901	0.9776	0.9825	0.9899	0.9197	0.9771	0.9697	0.9876

76.8	0.9882	0.9768	0.9842	0.9862	0.9107	0.9712	0.9683	0.9894
76.9	0.9815	0.9712	0.9743	0.9818	0.8995	0.9639	0.9588	0.9850
77.0	0.9841	0.9808	0.9742	0.9876	0.9286	0.9692	0.9650	0.9849
77.1	0.9854	0.9804	0.9798	0.9885	0.9313	0.9725	0.9717	0.9872
77.2	0.9818	0.9799	0.9759	0.9897	0.9167	0.9670	0.9760	0.9858
77.3	0.9818	0.9764	0.9739	0.9864	0.9252	0.9625	0.9611	0.9838
77.4	0.9848	0.9796	0.9775	0.9866	0.9360	0.9745	0.9645	0.9874
77.5	0.9848	0.9843	0.9804	0.9906	0.9370	0.9748	0.9641	0.9881
77.6	0.9856	0.9811	0.9837	0.9919	0.9479	0.9774	0.9578	0.9893
77.7	0.9810	0.9830	0.9833	0.9924	0.9515	0.9727	0.9578	0.9876
77.8	0.9742	0.9814	0.9750	0.9916	0.9335	0.9647	0.9496	0.9870
77.9	0.9793	0.9847	0.9781	0.9917	0.9572	0.9778	0.9451	0.9889
78.0	0.9822	0.9858	0.9808	0.9926	0.9688	0.9800	0.9479	0.9913
78.1	0.9762	0.9839	0.9840	0.9890	0.9661	0.9772	0.9521	0.9909
78.2	0.9784	0.9823	0.9746	0.9874	0.9681	0.9778	0.9574	0.9887
78.3	0.9784	0.9848	0.9749	0.9888	0.9756	0.9811	0.9667	0.9883
78.4	0.9736	0.9852	0.9790	0.9901	0.9719	0.9777	0.9731	0.9903
78.5	0.9690	0.9852	0.9681	0.9881	0.9654	0.9724	0.9645	0.9896
78.6	0.9712	0.9819	0.9710	0.9890	0.9602	0.9719	0.9600	0.9872
78.7	0.9693	0.9766	0.9747	0.9883	0.9672	0.9736	0.9646	0.9867
78.8	0.9730	0.9759	0.9737	0.9874	0.9698	0.9705	0.9662	0.9893
78.9	0.9708	0.9683	0.9743	0.9864	0.9682	0.9718	0.9634	0.9909
79.0	0.9416	0.9324	0.9671	0.9841	0.9344	0.9449	0.9419	0.9873
79.1	0.9320	0.9031	0.9720	0.9870	0.9146	0.9321	0.8940	0.9864
79.2	0.9469	0.9453	0.9739	0.9873	0.9416	0.9537	0.8881	0.9865
79.3	0.9574	0.9595	0.9692	0.9882	0.9642	0.9677	0.9328	0.9903
79.4	0.9540	0.9673	0.9699	0.9834	0.9703	0.9742	0.9419	0.9916
79.5	0.9598	0.9686	0.9661	0.9790	0.9706	0.9744	0.9484	0.9888
79.6	0.9483	0.9524	0.9705	0.9765	0.9718	0.9700	0.9423	0.9880
79.7	0.9522	0.9551	0.9714	0.9831	0.9752	0.9681	0.9513	0.9879
79.8	0.9588	0.9601	0.9655	0.9825	0.9754	0.9739	0.9574	0.9867
79.9	0.9429	0.9671	0.9569	0.9800	0.9650	0.9642	0.9510	0.9832
80.0	0.9454	0.9663	0.9556	0.9798	0.9624	0.9681	0.9568	0.9840

1.2.28 Run 7 – VT270-200 – SF and shaft bending gauges

Vertical shaking at 270° with extra 200 lb on shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.6957	0.5822	0.5302	0.6020	0.4435	0.2146	0.5945	0.4984
0.1	0.5101	0.1291	0.0326	0.1755	0.0124	0.3532	0.1657	0.9189
0.2	0.9060	0.9397	0.9743	0.9389	0.9883	0.9998	0.9526	0.9998
0.3	0.9243	0.9573	0.9849	0.9623	0.9920	0.9998	0.9659	0.9998
0.4	0.9567	0.9629	0.9865	0.9715	0.9933	0.9999	0.9645	0.9999
0.5	0.9606	0.9703	0.9884	0.9768	0.9926	0.9999	0.9609	0.9999
0.6	0.9722	0.9699	0.9915	0.9818	0.9932	0.9998	0.9662	0.9999
0.7	0.9790	0.9784	0.9947	0.9872	0.9936	0.9998	0.9732	0.9999
0.8	0.9568	0.9654	0.9931	0.9709	0.9659	0.9998	0.9027	0.9998
0.9	0.8704	0.9245	0.9884	0.9336	0.9810	0.9990	0.9175	0.9993
1.0	0.9132	0.9325	0.9879	0.9542	0.9956	0.9986	0.9574	0.9991
1.1	0.9679	0.9749	0.9939	0.9848	0.9961	0.9996	0.9616	0.9997
1.2	0.9826	0.9819	0.9961	0.9841	0.9971	0.9997	0.9768	0.9998
1.3	0.9856	0.9763	0.9965	0.9829	0.9968	0.9996	0.9820	0.9996
1.4	0.9755	0.9743	0.9948	0.9819	0.9962	0.9998	0.9792	0.9998
1.5	0.9686	0.9669	0.9945	0.9786	0.9964	0.9999	0.9794	0.9999
1.6	0.9640	0.9422	0.9946	0.9731	0.9970	0.9998	0.9827	0.9999
1.7	0.9447	0.9275	0.9948	0.9637	0.9972	0.9998	0.9822	0.9999
1.8	0.7612	0.8501	0.9901	0.9019	0.9947	0.9993	0.9607	0.9996
1.9	0.6927	0.7423	0.9861	0.8342	0.9938	0.9985	0.9642	0.9991
2.0	0.8964	0.8934	0.9844	0.9324	0.9953	0.9988	0.9750	0.9993
2.1	0.8577	0.8803	0.9621	0.9223	0.9960	0.9995	0.9807	0.9997
2.2	0.8189	0.8520	0.9257	0.9052	0.9944	0.9995	0.9751	0.9998
2.3	0.8398	0.9096	0.9755	0.9436	0.9664	0.9996	0.9077	0.9998
2.4	0.8588	0.9797	0.9913	0.9727	0.8770	0.9995	0.6865	0.9998
2.5	0.9191	0.9872	0.9929	0.9792	0.9324	0.9997	0.4638	0.9998
2.6	0.9838	0.9791	0.9961	0.9872	0.9938	0.9996	0.9124	0.9997
2.7	0.9794	0.9702	0.9954	0.9826	0.9947	0.9996	0.9464	0.9997
2.8	0.9698	0.9610	0.9936	0.9692	0.9941	0.9997	0.9326	0.9998
2.9	0.9702	0.9623	0.9939	0.9769	0.9950	0.9996	0.9460	0.9997
3.0	0.9574	0.9574	0.9912	0.9646	0.9917	0.9994	0.9216	0.9996
3.1	0.9557	0.9480	0.9910	0.9624	0.9905	0.9995	0.9000	0.9997
3.2	0.9619	0.9365	0.9916	0.9686	0.9918	0.9996	0.9047	0.9997
3.3	0.9414	0.9140	0.9879	0.9461	0.9879	0.9994	0.8594	0.9996
3.4	0.9211	0.8790	0.9874	0.9284	0.9818	0.9992	0.8620	0.9994
3.5	0.8939	0.7931	0.9758	0.9060	0.9744	0.9985	0.8468	0.9989
3.6	0.6521	0.5271	0.9232	0.7602	0.9309	0.9947	0.7586	0.9964
3.7	0.5179	0.4886	0.9744	0.7546	0.9698	0.9975	0.8472	0.9982
3.8	0.8911	0.9019	0.9959	0.9486	0.9959	0.9996	0.9709	0.9997
3.9	0.9775	0.9735	0.9992	0.9893	0.9989	0.9999	0.9934	0.9999
4.0	0.9849	0.9816	0.9997	0.9943	0.9993	1.0000	0.9963	1.0000
4.1	0.9767	0.9714	0.9995	0.9927	0.9992	1.0000	0.9952	1.0000
4.2	0.9591	0.9517	0.9991	0.9885	0.9987	0.9999	0.9915	0.9999
4.3	0.9347	0.8979	0.9986	0.9793	0.9978	0.9999	0.9852	0.9999
4.4	0.8928	0.8411	0.9977	0.9741	0.9947	0.9998	0.9721	0.9999
4.5	0.8652	0.7939	0.9971	0.9701	0.9939	0.9998	0.9761	0.9999
4.6	0.7844	0.6895	0.9958	0.9417	0.9926	0.9998	0.9705	0.9998
4.7	0.6970	0.5879	0.9917	0.8744	0.9782	0.9995	0.9456	0.9996
4.8	0.8809	0.7866	0.9919	0.9448	0.9836	0.9996	0.9450	0.9997
4.9	0.8467	0.7053	0.9862	0.9163	0.9801	0.9994	0.9275	0.9995
5.0	0.4999	0.3804	0.9889	0.8107	0.9815	0.9993	0.9511	0.9995
5.1	0.6784	0.5938	0.9968	0.8943	0.9900	0.9997	0.9730	0.9998
5.2	0.5890	0.5221	0.9962	0.9016	0.9833	0.9997	0.9571	0.9998
5.3	0.3516	0.2540	0.9913	0.7404	0.9637	0.9990	0.9259	0.9993
5.4	0.3152	0.3388	0.9852	0.4628	0.9230	0.9983	0.9020	0.9987
5.5	0.5480	0.6525	0.9927	0.4438	0.9666	0.9991	0.9337	0.9993
5.6	0.7193	0.8415	0.9966	0.4923	0.9846	0.9997	0.9765	0.9997
5.7	0.7492	0.8899	0.9982	0.8162	0.9922	0.9998	0.9901	0.9999
5.8	0.8183	0.9348	0.9992	0.9172	0.9951	0.9999	0.9931	0.9999
5.9	0.8229	0.9329	0.9994	0.9443	0.9969	0.9999	0.9956	1.0000
6.0	0.7883	0.8946	0.9989	0.9240	0.9974	1.0000	0.9961	1.0000
6.1	0.8998	0.9234	0.9983	0.9108	0.9949	0.9999	0.9930	0.9999
6.2	0.9627	0.9751	0.9990	0.9174	0.9929	0.9999	0.9937	0.9999
6.3	0.9830	0.9864	0.9990	0.9042	0.9919	0.9999	0.9943	0.9999
6.4	0.9900	0.9929	0.9991	0.9233	0.9856	0.9999	0.9929	0.9999
6.5	0.9900	0.9921	0.9992	0.9227	0.9817	0.9999	0.9934	0.9999
6.6	0.9873	0.9927	0.9990	0.8866	0.9400	0.9999	0.9897	0.9999
6.7	0.9877	0.9931	0.9986	0.9024	0.8916	0.9999	0.9859	0.9999
6.8	0.9883	0.9952	0.9982	0.9355	0.8858	0.9999	0.9824	0.9999
6.9	0.9872	0.9921	0.9968	0.9311	0.8897	0.9998	0.9699	0.9999
7.0	0.9764	0.9815	0.9870	0.8718	0.8455	0.9996	0.9209	0.9999
7.1	0.9613	0.9732	0.9789	0.8965	0.9014	0.9995	0.9197	0.9999
7.2	0.9147	0.9543	0.9651	0.9374	0.9394	0.9995	0.9262	0.9999
7.3	0.7607	0.9281	0.9723	0.9769	0.9770	0.9997	0.9660	0.9999
7.4	0.8612	0.9397	0.9442	0.9549	0.9646	0.9996	0.9343	0.9999
7.5	0.9735	0.9865	0.9753	0.9796	0.9794	0.9996	0.9504	0.9999
7.6	0.9935	0.9953	0.9928	0.9889	0.9903	0.9998	0.9665	0.9999
7.7	0.9968	0.9970	0.9983	0.9978	0.9987	0.9999	0.9945	0.9999
7.8	0.9950	0.9951	0.9980	0.9981	0.9993	0.9998	0.9965	0.9999
7.9	0.9957	0.9970	0.9991	0.9972	0.9977	0.9999	0.9909	0.9999

8.0	0.9962	0.9971	0.9989	0.9971	0.9980	0.9999	0.9920	0.9999
8.1	0.9954	0.9957	0.9984	0.9972	0.9986	0.9998	0.9939	0.9999
8.2	0.9974	0.9983	0.9992	0.9986	0.9989	0.9999	0.9952	0.9999
8.3	0.9980	0.9982	0.9994	0.9986	0.9991	0.9999	0.9960	0.9999
8.4	0.9972	0.9970	0.9990	0.9978	0.9987	0.9998	0.9946	0.9999
8.5	0.9968	0.9967	0.9988	0.9967	0.9985	0.9998	0.9931	0.9999
8.6	0.9976	0.9975	0.9989	0.9978	0.9985	0.9998	0.9942	0.9999
8.7	0.9980	0.9980	0.9989	0.9984	0.9982	0.9998	0.9936	0.9999
8.8	0.9970	0.9972	0.9987	0.9973	0.9966	0.9997	0.9879	0.9998
8.9	0.9972	0.9970	0.9985	0.9973	0.9949	0.9998	0.9852	0.9998
9.0	0.9976	0.9979	0.9989	0.9977	0.9939	0.9998	0.9838	0.9999
9.1	0.9970	0.9969	0.9981	0.9980	0.9869	0.9998	0.9693	0.9998
9.2	0.9969	0.9961	0.9972	0.9971	0.9671	0.9996	0.9342	0.9998
9.3	0.9978	0.9973	0.9975	0.9952	0.9482	0.9993	0.9210	0.9998
9.4	0.9982	0.9984	0.9980	0.9959	0.9440	0.9993	0.9357	0.9998
9.5	0.9978	0.9979	0.9986	0.9976	0.9600	0.9996	0.9665	0.9999
9.6	0.9959	0.9962	0.9979	0.9974	0.9448	0.9997	0.9683	0.9998
9.7	0.9963	0.9972	0.9983	0.9977	0.9436	0.9997	0.9794	0.9997
9.8	0.9971	0.9978	0.9986	0.9987	0.9496	0.9998	0.9874	0.9998
9.9	0.9978	0.9979	0.9988	0.9985	0.9597	0.9998	0.9919	0.9998
10.0	0.9979	0.9979	0.9989	0.9983	0.9656	0.9997	0.9919	0.9998
10.1	0.9974	0.9974	0.9987	0.9980	0.9792	0.9997	0.9933	0.9998
10.2	0.9974	0.9975	0.9986	0.9979	0.9873	0.9996	0.9953	0.9997
10.3	0.9982	0.9983	0.9991	0.9984	0.9922	0.9996	0.9952	0.9997
10.4	0.9986	0.9984	0.9992	0.9984	0.9922	0.9997	0.9927	0.9998
10.5	0.9979	0.9980	0.9990	0.9981	0.9919	0.9997	0.9933	0.9998
10.6	0.9980	0.9981	0.9990	0.9983	0.9921	0.9996	0.9934	0.9997
10.7	0.9985	0.9982	0.9992	0.9985	0.9919	0.9996	0.9916	0.9997
10.8	0.9977	0.9979	0.9987	0.9981	0.9903	0.9995	0.9900	0.9996
10.9	0.9981	0.9982	0.9989	0.9983	0.9932	0.9996	0.9885	0.9997
11.0	0.9984	0.9982	0.9989	0.9985	0.9938	0.9996	0.9898	0.9997
11.1	0.9975	0.9971	0.9982	0.9975	0.9926	0.9992	0.9859	0.9994
11.2	0.9985	0.9985	0.9990	0.9986	0.9941	0.9996	0.9851	0.9996
11.3	0.9971	0.9968	0.9980	0.9972	0.9928	0.9991	0.9804	0.9993
11.4	0.9973	0.9970	0.9980	0.9972	0.9934	0.9990	0.9741	0.9992
11.5	0.9979	0.9979	0.9985	0.9979	0.9934	0.9993	0.9793	0.9994
11.6	0.9969	0.9966	0.9977	0.9969	0.9938	0.9990	0.9810	0.9992
11.7	0.9963	0.9962	0.9971	0.9962	0.9946	0.9986	0.9793	0.9988
11.8	0.9959	0.9956	0.9968	0.9957	0.9904	0.9983	0.9675	0.9986
11.9	0.9947	0.9945	0.9959	0.9950	0.9919	0.9979	0.9670	0.9983
12.0	0.9952	0.9949	0.9961	0.9952	0.9956	0.9978	0.9719	0.9982
12.1	0.9966	0.9965	0.9972	0.9966	0.9936	0.9984	0.9766	0.9987
12.2	0.9960	0.9957	0.9968	0.9959	0.9928	0.9981	0.9672	0.9984
12.3	0.9949	0.9948	0.9959	0.9951	0.9913	0.9974	0.9549	0.9979
12.4	0.9936	0.9935	0.9946	0.9937	0.9892	0.9966	0.9563	0.9972
12.5	0.9924	0.9923	0.9934	0.9923	0.9885	0.9953	0.9562	0.9960
12.6	0.9944	0.9945	0.9952	0.9943	0.9878	0.9962	0.9592	0.9968
12.7	0.9939	0.9941	0.9946	0.9937	0.9886	0.9951	0.9588	0.9958
12.8	0.9942	0.9946	0.9947	0.9940	0.9844	0.9950	0.9616	0.9956
12.9	0.9938	0.9945	0.9942	0.9934	0.9765	0.9938	0.9547	0.9945
13.0	0.9912	0.9920	0.9919	0.9909	0.9726	0.9919	0.9528	0.9928
13.1	0.9846	0.9852	0.9853	0.9843	0.9737	0.9864	0.9408	0.9878
13.2	0.9870	0.9874	0.9877	0.9869	0.9692	0.9886	0.9491	0.9896
13.3	0.9686	0.9690	0.9699	0.9684	0.9080	0.9718	0.9121	0.9741
13.4	0.9646	0.9651	0.9655	0.9643	0.7884	0.9666	0.9201	0.9684
13.5	0.9421	0.9428	0.9430	0.9419	0.6825	0.9436	0.8796	0.9459
13.6	0.9394	0.9408	0.9396	0.9395	0.8133	0.9371	0.9023	0.9378
13.7	0.9498	0.9512	0.9492	0.9498	0.9021	0.9446	0.9238	0.9439
13.8	0.9711	0.9718	0.9703	0.9710	0.9562	0.9663	0.9621	0.9648
13.9	0.9791	0.9795	0.9780	0.9789	0.9637	0.9735	0.9664	0.9718
14.0	0.9884	0.9886	0.9876	0.9882	0.9646	0.9840	0.9690	0.9830
14.1	0.9889	0.9895	0.9883	0.9890	0.9398	0.9827	0.9406	0.9829
14.2	0.9920	0.9928	0.9915	0.9925	0.9362	0.9847	0.9278	0.9868
14.3	0.9959	0.9966	0.9956	0.9963	0.9481	0.9898	0.9358	0.9926
14.4	0.9967	0.9972	0.9965	0.9970	0.9429	0.9922	0.9241	0.9939
14.5	0.9966	0.9971	0.9964	0.9968	0.9617	0.9935	0.9460	0.9934
14.6	0.9957	0.9963	0.9956	0.9960	0.9367	0.9925	0.9035	0.9912
14.7	0.9971	0.9977	0.9973	0.9973	0.9493	0.9959	0.9133	0.9948
14.8	0.9983	0.9987	0.9985	0.9986	0.9625	0.9979	0.9286	0.9976
14.9	0.9983	0.9976	0.9980	0.9983	0.9578	0.9976	0.9067	0.9972
15.0	0.9971	0.9972	0.9969	0.9974	0.9503	0.9940	0.8478	0.9925
15.1	0.9976	0.9984	0.9977	0.9981	0.9725	0.9952	0.8754	0.9934
15.2	0.9986	0.9990	0.9986	0.9989	0.9860	0.9970	0.9057	0.9958
15.3	0.9982	0.9985	0.9979	0.9984	0.9866	0.9950	0.9022	0.9927
15.4	0.9988	0.9989	0.9986	0.9989	0.9896	0.9958	0.9365	0.9935
15.5	0.9990	0.9992	0.9989	0.9992	0.9915	0.9971	0.9600	0.9952
15.6	0.9988	0.9990	0.9985	0.9989	0.9873	0.9958	0.9483	0.9926
15.7	0.9991	0.9993	0.9990	0.9992	0.9914	0.9970	0.9643	0.9946
15.8	0.9991	0.9994	0.9991	0.9993	0.9945	0.9969	0.9774	0.9941
15.9	0.9993	0.9995	0.9992	0.9995	0.9920	0.9974	0.9715	0.9944
16.0	0.9995	0.9996	0.9995	0.9996	0.9931	0.9982	0.9752	0.9960
16.1	0.9995	0.9997	0.9994	0.9996	0.9924	0.9980	0.9756	0.9952
16.2	0.9994	0.9996	0.9993	0.9995	0.9929	0.9973	0.9747	0.9934
16.3	0.9993	0.9995	0.9992	0.9995	0.9930	0.9974	0.9727	0.9933
16.4	0.9991	0.9994	0.9991	0.9994	0.9919	0.9965	0.9726	0.9901
16.5	0.9995	0.9997	0.9995	0.9997	0.9936	0.9980	0.9807	0.9940

16.6	0.9994	0.9996	0.9995	0.9997	0.9943	0.9986	0.9836	0.9960
16.7	0.9993	0.9995	0.9993	0.9995	0.9925	0.9984	0.9772	0.9956
16.8	0.9994	0.9997	0.9995	0.9996	0.9921	0.9972	0.9778	0.9909
16.9	0.9995	0.9998	0.9996	0.9997	0.9916	0.9957	0.9786	0.9842
17.0	0.9996	0.9998	0.9996	0.9998	0.9923	0.9977	0.9811	0.9904
17.1	0.9995	0.9997	0.9995	0.9997	0.9912	0.9959	0.9827	0.9812
17.2	0.9996	0.9997	0.9996	0.9997	0.9891	0.9938	0.9822	0.9635
17.3	0.9996	0.9998	0.9996	0.9998	0.9940	0.9975	0.9891	0.9844
17.4	0.9995	0.9997	0.9995	0.9997	0.9899	0.9974	0.9789	0.9851
17.5	0.9994	0.9997	0.9995	0.9997	0.9902	0.9977	0.9791	0.9878
17.6	0.9994	0.9997	0.9995	0.9997	0.9931	0.9968	0.9876	0.9818
17.7	0.9995	0.9997	0.9995	0.9997	0.9901	0.9975	0.9852	0.9872
17.8	0.9995	0.9996	0.9994	0.9996	0.9868	0.9969	0.9799	0.9869
17.9	0.9995	0.9996	0.9994	0.9996	0.9885	0.9977	0.9785	0.9913
18.0	0.9996	0.9997	0.9995	0.9996	0.9873	0.9982	0.9772	0.9933
18.1	0.9996	0.9997	0.9996	0.9997	0.9892	0.9986	0.9832	0.9942
18.2	0.9995	0.9997	0.9995	0.9996	0.9880	0.9974	0.9762	0.9879
18.3	0.9997	0.9998	0.9997	0.9997	0.9906	0.9981	0.9769	0.9916
18.4	0.9997	0.9998	0.9996	0.9998	0.9872	0.9978	0.9667	0.9895
18.5	0.9994	0.9996	0.9994	0.9996	0.9784	0.9941	0.9162	0.9734
18.6	0.9993	0.9995	0.9995	0.9994	0.9771	0.9928	0.9317	0.9786
18.7	0.9994	0.9994	0.9995	0.9994	0.9857	0.9964	0.9677	0.9898
18.8	0.9994	0.9996	0.9995	0.9996	0.9905	0.9980	0.9906	0.9928
18.9	0.9994	0.9996	0.9995	0.9997	0.9897	0.9985	0.9923	0.9943
19.0	0.9993	0.9996	0.9993	0.9996	0.9872	0.9975	0.9879	0.9897
19.1	0.9993	0.9995	0.9993	0.9996	0.9873	0.9973	0.9899	0.9887
19.2	0.9995	0.9996	0.9995	0.9997	0.9872	0.9972	0.9917	0.9886
19.3	0.9995	0.9997	0.9995	0.9997	0.9880	0.9979	0.9923	0.9934
19.4	0.9994	0.9997	0.9994	0.9997	0.9869	0.9983	0.9904	0.9948
19.5	0.9990	0.9993	0.9991	0.9994	0.9825	0.9971	0.9870	0.9929
19.6	0.9990	0.9994	0.9993	0.9995	0.9781	0.9964	0.9850	0.9925
19.7	0.9991	0.9994	0.9992	0.9995	0.9748	0.9966	0.9860	0.9942
19.8	0.9989	0.9991	0.9990	0.9993	0.9731	0.9959	0.9863	0.9942
19.9	0.9987	0.9989	0.9989	0.9992	0.9684	0.9956	0.9841	0.9947
20.0	0.9986	0.9987	0.9987	0.9991	0.9724	0.9960	0.9878	0.9966
20.1	0.9991	0.9992	0.9990	0.9994	0.9699	0.9965	0.9863	0.9975
20.2	0.9989	0.9990	0.9989	0.9993	0.9733	0.9968	0.9890	0.9981
20.3	0.9989	0.9987	0.9987	0.9991	0.9680	0.9962	0.9873	0.9980
20.4	0.9986	0.9983	0.9983	0.9990	0.9545	0.9951	0.9783	0.9978
20.5	0.9984	0.9981	0.9981	0.9988	0.9478	0.9926	0.9784	0.9972
20.6	0.9976	0.9971	0.9974	0.9983	0.9314	0.9943	0.9782	0.9980
20.7	0.9980	0.9974	0.9978	0.9985	0.9298	0.9943	0.9776	0.9983
20.8	0.9979	0.9970	0.9973	0.9982	0.9333	0.9919	0.9838	0.9976
20.9	0.9972	0.9966	0.9968	0.9979	0.9374	0.9928	0.9836	0.9978
21.0	0.9968	0.9959	0.9963	0.9975	0.9113	0.9928	0.9827	0.9975
21.1	0.9955	0.9940	0.9950	0.9965	0.8697	0.9901	0.9733	0.9967
21.2	0.9957	0.9943	0.9951	0.9966	0.8629	0.9895	0.9764	0.9970
21.3	0.9956	0.9941	0.9949	0.9966	0.8661	0.9865	0.9818	0.9965
21.4	0.9941	0.9915	0.9926	0.9956	0.8357	0.9852	0.9802	0.9963
21.5	0.9938	0.9921	0.9926	0.9953	0.7808	0.9808	0.9812	0.9961
21.6	0.9950	0.9933	0.9939	0.9959	0.7950	0.9852	0.9822	0.9974
21.7	0.9922	0.9901	0.9908	0.9938	0.7577	0.9792	0.9733	0.9963
21.8	0.9918	0.9896	0.9903	0.9935	0.7025	0.9732	0.9596	0.9960
21.9	0.9903	0.9890	0.9892	0.9927	0.5088	0.9733	0.9457	0.9959
22.0	0.9929	0.9922	0.9922	0.9948	0.4195	0.9787	0.9491	0.9968
22.1	0.9937	0.9929	0.9932	0.9952	0.4713	0.9817	0.9577	0.9974
22.2	0.9904	0.9897	0.9896	0.9927	0.3119	0.9806	0.9639	0.9966
22.3	0.9903	0.9892	0.9895	0.9923	0.1560	0.9824	0.9419	0.9963
22.4	0.9848	0.9844	0.9846	0.9883	0.1485	0.9786	0.9485	0.9946
22.5	0.9910	0.9910	0.9909	0.9929	0.2534	0.9888	0.9493	0.9970
22.6	0.9872	0.9875	0.9874	0.9897	0.4931	0.9873	0.9404	0.9957
22.7	0.9844	0.9850	0.9848	0.9870	0.6295	0.9868	0.9257	0.9944
22.8	0.9802	0.9815	0.9808	0.9836	0.6116	0.9869	0.8988	0.9935
22.9	0.9814	0.9831	0.9819	0.9847	0.6601	0.9890	0.9253	0.9939
23.0	0.9737	0.9757	0.9740	0.9779	0.6270	0.9857	0.9259	0.9912
23.1	0.9759	0.9783	0.9763	0.9795	0.5862	0.9866	0.9070	0.9917
23.2	0.9635	0.9677	0.9647	0.9688	0.5336	0.9823	0.8974	0.9897
23.3	0.9706	0.9728	0.9714	0.9738	0.4235	0.9868	0.8738	0.9939
23.4	0.9604	0.9634	0.9613	0.9658	0.4574	0.9843	0.8593	0.9942
23.5	0.9694	0.9716	0.9691	0.9763	0.6032	0.9885	0.8859	0.9966
23.6	0.9774	0.9788	0.9781	0.9858	0.6224	0.9913	0.8947	0.9982
23.7	0.9711	0.9744	0.9720	0.9851	0.5516	0.9891	0.8835	0.9983
23.8	0.9652	0.9687	0.9644	0.9839	0.4744	0.9829	0.8838	0.9980
23.9	0.9739	0.9750	0.9711	0.9887	0.5462	0.9887	0.8778	0.9989
24.0	0.9830	0.9845	0.9817	0.9936	0.4487	0.9886	0.8743	0.9992
24.1	0.9871	0.9870	0.9871	0.9955	0.3154	0.9874	0.8987	0.9993
24.2	0.9857	0.9886	0.9857	0.9952	0.2443	0.9850	0.8873	0.9992
24.3	0.9879	0.9896	0.9863	0.9952	0.1198	0.9836	0.8684	0.9993
24.4	0.9912	0.9931	0.9891	0.9970	0.1510	0.9848	0.8817	0.9995
24.5	0.9909	0.9920	0.9890	0.9961	0.0467	0.9843	0.9048	0.9993
24.6	0.9944	0.9946	0.9931	0.9972	0.0065	0.9901	0.9194	0.9996
24.7	0.9948	0.9962	0.9947	0.9974	0.0071	0.9893	0.9168	0.9995
24.8	0.9961	0.9972	0.9962	0.9981	0.0644	0.9921	0.9305	0.9996
24.9	0.9969	0.9973	0.9963	0.9985	0.1475	0.9930	0.9196	0.9996
25.0	0.9954	0.9963	0.9951	0.9976	0.0388	0.9926	0.8875	0.9995
25.1	0.9975	0.9982	0.9969	0.9987	0.1821	0.9950	0.9312	0.9996

25.2	0.9973	0.9979	0.9968	0.9986	0.4358	0.9955	0.9558	0.9996
25.3	0.9976	0.9981	0.9971	0.9986	0.5264	0.9956	0.9427	0.9996
25.4	0.9963	0.9968	0.9949	0.9977	0.5691	0.9941	0.9291	0.9993
25.5	0.9979	0.9981	0.9970	0.9986	0.7505	0.9969	0.9540	0.9996
25.6	0.9973	0.9969	0.9962	0.9979	0.7003	0.9951	0.9397	0.9993
25.7	0.9973	0.9977	0.9963	0.9982	0.7752	0.9959	0.9402	0.9994
25.8	0.9966	0.9970	0.9954	0.9975	0.7936	0.9954	0.9409	0.9992
25.9	0.9974	0.9975	0.9966	0.9980	0.8697	0.9970	0.9445	0.9994
26.0	0.9973	0.9974	0.9964	0.9981	0.8937	0.9972	0.9572	0.9994
26.1	0.9977	0.9975	0.9969	0.9980	0.8792	0.9969	0.9583	0.9993
26.2	0.9963	0.9961	0.9946	0.9971	0.8865	0.9958	0.9353	0.9990
26.3	0.9962	0.9967	0.9949	0.9973	0.9124	0.9966	0.9525	0.9991
26.4	0.9958	0.9966	0.9944	0.9972	0.9164	0.9970	0.9323	0.9991
26.5	0.9934	0.9949	0.9913	0.9959	0.9158	0.9952	0.8963	0.9986
26.6	0.9940	0.9950	0.9917	0.9960	0.9071	0.9946	0.8878	0.9984
26.7	0.9958	0.9964	0.9942	0.9970	0.9332	0.9953	0.9170	0.9988
26.8	0.9950	0.9956	0.9935	0.9967	0.9120	0.9940	0.9153	0.9985
26.9	0.9951	0.9952	0.9940	0.9965	0.8982	0.9932	0.9088	0.9983
27.0	0.9954	0.9954	0.9942	0.9966	0.8879	0.9937	0.9180	0.9984
27.1	0.9966	0.9963	0.9953	0.9971	0.9172	0.9942	0.9340	0.9986
27.2	0.9973	0.9971	0.9963	0.9978	0.9028	0.9946	0.9320	0.9986
27.3	0.9953	0.9952	0.9945	0.9961	0.9105	0.9908	0.9078	0.9974
27.4	0.9940	0.9934	0.9929	0.9948	0.9192	0.9873	0.9099	0.9962
27.5	0.9933	0.9905	0.9921	0.9938	0.8922	0.9833	0.8996	0.9948
27.6	0.9924	0.9907	0.9906	0.9923	0.8335	0.9868	0.8928	0.9958
27.7	0.9946	0.9943	0.9936	0.9955	0.7886	0.9917	0.9300	0.9976
27.8	0.9946	0.9940	0.9938	0.9955	0.7348	0.9921	0.9431	0.9977
27.9	0.9927	0.9924	0.9913	0.9938	0.6205	0.9905	0.9307	0.9970
28.0	0.9908	0.9894	0.9872	0.9917	0.6209	0.9896	0.9244	0.9970
28.1	0.9903	0.9905	0.9878	0.9915	0.5490	0.9896	0.9297	0.9973
28.2	0.9890	0.9900	0.9876	0.9904	0.3790	0.9883	0.9301	0.9973
28.3	0.9865	0.9872	0.9858	0.9891	0.4531	0.9821	0.9466	0.9969
28.4	0.9823	0.9825	0.9801	0.9853	0.5131	0.9786	0.9648	0.9969
28.5	0.9866	0.9856	0.9834	0.9893	0.6230	0.9816	0.9750	0.9980
28.6	0.9886	0.9877	0.9855	0.9917	0.5272	0.9812	0.9730	0.9983
28.7	0.9829	0.9817	0.9766	0.9886	0.4137	0.9722	0.9714	0.9980
28.8	0.9853	0.9812	0.9746	0.9911	0.4208	0.9702	0.9813	0.9983
28.9	0.9871	0.9833	0.9766	0.9923	0.5799	0.9696	0.9840	0.9987
29.0	0.9857	0.9827	0.9758	0.9929	0.7104	0.9570	0.9865	0.9987
29.1	0.9856	0.9828	0.9750	0.9932	0.8022	0.9602	0.9900	0.9990
29.2	0.9866	0.9850	0.9726	0.9940	0.8101	0.9547	0.9807	0.9991
29.3	0.9853	0.9850	0.9691	0.9927	0.8070	0.9532	0.9796	0.9991
29.4	0.9905	0.9872	0.9753	0.9949	0.8151	0.9661	0.9797	0.9993
29.5	0.9913	0.9910	0.9826	0.9956	0.8918	0.9752	0.9822	0.9994
29.6	0.9936	0.9938	0.9887	0.9965	0.9045	0.9786	0.9770	0.9995
29.7	0.9934	0.9940	0.9878	0.9966	0.9134	0.9787	0.9741	0.9995
29.8	0.9937	0.9941	0.9898	0.9968	0.9382	0.9873	0.9751	0.9996
29.9	0.9937	0.9931	0.9890	0.9961	0.9366	0.9850	0.9736	0.9995
30.0	0.9927	0.9924	0.9874	0.9958	0.9280	0.9885	0.9702	0.9996
30.1	0.9930	0.9933	0.9893	0.9962	0.9338	0.9918	0.9776	0.9996
30.2	0.9943	0.9950	0.9921	0.9970	0.9439	0.9927	0.9798	0.9995
30.3	0.9937	0.9934	0.9903	0.9967	0.9365	0.9916	0.9806	0.9995
30.4	0.9956	0.9953	0.9930	0.9976	0.9484	0.9920	0.9849	0.9995
30.5	0.9961	0.9947	0.9925	0.9973	0.9409	0.9948	0.9854	0.9997
30.6	0.9947	0.9941	0.9921	0.9969	0.9472	0.9948	0.9873	0.9997
30.7	0.9943	0.9954	0.9933	0.9968	0.9589	0.9962	0.9875	0.9997
30.8	0.9919	0.9935	0.9889	0.9957	0.9355	0.9949	0.9866	0.9995
30.9	0.9940	0.9941	0.9915	0.9962	0.9358	0.9952	0.9882	0.9996
31.0	0.9923	0.9940	0.9910	0.9952	0.9364	0.9953	0.9875	0.9995
31.1	0.9891	0.9931	0.9890	0.9944	0.9508	0.9960	0.9880	0.9995
31.2	0.9935	0.9958	0.9937	0.9966	0.9504	0.9976	0.9886	0.9997
31.3	0.9915	0.9948	0.9917	0.9950	0.9537	0.9970	0.9880	0.9996
31.4	0.9901	0.9938	0.9904	0.9939	0.9433	0.9972	0.9886	0.9996
31.5	0.9860	0.9928	0.9886	0.9926	0.9098	0.9969	0.9828	0.9994
31.6	0.9836	0.9925	0.9864	0.9913	0.9346	0.9967	0.9871	0.9993
31.7	0.9861	0.9932	0.9887	0.9926	0.9407	0.9968	0.9873	0.9994
31.8	0.9854	0.9929	0.9883	0.9920	0.9361	0.9971	0.9888	0.9993
31.9	0.9836	0.9931	0.9868	0.9908	0.9459	0.9970	0.9876	0.9993
32.0	0.9829	0.9926	0.9867	0.9901	0.9476	0.9967	0.9861	0.9993
32.1	0.9792	0.9924	0.9853	0.9887	0.9425	0.9954	0.9834	0.9991
32.2	0.9815	0.9939	0.9867	0.9898	0.9245	0.9961	0.9807	0.9992
32.3	0.9814	0.9937	0.9872	0.9896	0.8803	0.9955	0.9804	0.9991
32.4	0.9744	0.9930	0.9836	0.9866	0.8760	0.9956	0.9734	0.9991
32.5	0.9732	0.9919	0.9842	0.9853	0.8371	0.9934	0.9535	0.9989
32.6	0.9743	0.9931	0.9859	0.9871	0.8093	0.9935	0.9466	0.9990
32.7	0.9750	0.9932	0.9870	0.9873	0.7803	0.9931	0.9415	0.9990
32.8	0.9804	0.9948	0.9906	0.9911	0.8336	0.9936	0.9485	0.9992
32.9	0.9832	0.9937	0.9899	0.9926	0.8320	0.9937	0.9537	0.9993
33.0	0.9804	0.9920	0.9895	0.9914	0.8366	0.9915	0.9591	0.9991
33.1	0.9809	0.9932	0.9899	0.9919	0.8495	0.9922	0.9632	0.9993
33.2	0.9815	0.9932	0.9905	0.9934	0.9171	0.9918	0.9726	0.9994
33.3	0.9820	0.9916	0.9890	0.9929	0.9146	0.9908	0.9799	0.9993
33.4	0.9795	0.9850	0.9834	0.9909	0.8892	0.9881	0.9776	0.9991
33.5	0.9736	0.9833	0.9798	0.9908	0.8880	0.9864	0.9781	0.9990
33.6	0.9735	0.9865	0.9786	0.9887	0.9264	0.9883	0.9856	0.9992
33.7	0.9796	0.9917	0.9874	0.9933	0.9487	0.9932	0.9896	0.9996

33.8	0.9778	0.9921	0.9857	0.9947	0.9475	0.9923	0.9833	0.9995
33.9	0.9818	0.9897	0.9836	0.9934	0.9314	0.9940	0.9874	0.9995
34.0	0.9809	0.9894	0.9839	0.9932	0.9292	0.9949	0.9900	0.9995
34.1	0.9819	0.9871	0.9835	0.9925	0.9257	0.9946	0.9884	0.9994
34.2	0.9882	0.9889	0.9886	0.9940	0.9254	0.9936	0.9859	0.9993
34.3	0.9929	0.9878	0.9913	0.9945	0.9251	0.9915	0.9868	0.9993
34.4	0.9920	0.9831	0.9886	0.9920	0.9272	0.9890	0.9829	0.9990
34.5	0.9903	0.9795	0.9875	0.9910	0.9053	0.9867	0.9815	0.9990
34.6	0.9876	0.9722	0.9799	0.9891	0.8993	0.9869	0.9801	0.9990
34.7	0.9887	0.9718	0.9817	0.9897	0.9266	0.9860	0.9846	0.9991
34.8	0.9921	0.9743	0.9866	0.9909	0.9239	0.9890	0.9875	0.9993
34.9	0.9902	0.9697	0.9817	0.9890	0.9144	0.9882	0.9838	0.9993
35.0	0.9911	0.9712	0.9807	0.9923	0.9446	0.9907	0.9851	0.9994
35.1	0.9933	0.9788	0.9828	0.9943	0.9516	0.9941	0.9889	0.9996
35.2	0.9931	0.9812	0.9771	0.9936	0.9452	0.9939	0.9876	0.9996
35.3	0.9900	0.9737	0.9632	0.9887	0.9315	0.9921	0.9853	0.9995
35.4	0.9875	0.9719	0.9412	0.9848	0.8943	0.9885	0.9796	0.9993
35.5	0.9872	0.9788	0.9460	0.9901	0.9202	0.9919	0.9839	0.9995
35.6	0.9848	0.9815	0.9460	0.9889	0.9331	0.9934	0.9839	0.9995
35.7	0.9803	0.9779	0.9329	0.9842	0.9418	0.9940	0.9870	0.9993
35.8	0.9744	0.9721	0.9215	0.9769	0.9433	0.9920	0.9872	0.9991
35.9	0.9754	0.9747	0.9336	0.9799	0.9510	0.9924	0.9889	0.9992
36.0	0.9710	0.9725	0.9216	0.9743	0.9526	0.9911	0.9910	0.9990
36.1	0.9532	0.9544	0.8768	0.9537	0.9317	0.9870	0.9911	0.9983
36.2	0.9691	0.9669	0.9067	0.9648	0.9474	0.9904	0.9915	0.9989
36.3	0.9695	0.9631	0.8865	0.9618	0.9616	0.9904	0.9931	0.9988
36.4	0.9692	0.9591	0.8835	0.9495	0.9462	0.9910	0.9924	0.9989
36.5	0.9781	0.9717	0.8781	0.9597	0.9353	0.9926	0.9923	0.9992
36.6	0.9779	0.9745	0.8602	0.9530	0.9387	0.9928	0.9931	0.9992
36.7	0.9735	0.9715	0.7416	0.9315	0.9440	0.9923	0.9923	0.9991
36.8	0.9768	0.9812	0.7688	0.9503	0.9502	0.9945	0.9945	0.9993
36.9	0.9781	0.9873	0.7727	0.9603	0.9467	0.9940	0.9928	0.9993
37.0	0.9742	0.9821	0.7124	0.9507	0.9369	0.9923	0.9929	0.9991
37.1	0.9787	0.9879	0.8353	0.9699	0.9462	0.9958	0.9929	0.9994
37.2	0.9757	0.9876	0.8075	0.9679	0.9437	0.9961	0.9915	0.9995
37.3	0.9665	0.9856	0.8151	0.9612	0.9414	0.9942	0.9906	0.9993
37.4	0.9633	0.9862	0.8140	0.9516	0.9318	0.9930	0.9913	0.9992
37.5	0.9703	0.9887	0.8259	0.9679	0.9335	0.9946	0.9906	0.9993
37.6	0.9629	0.9871	0.8095	0.9648	0.9204	0.9926	0.9917	0.9992
37.7	0.9628	0.9845	0.7947	0.9612	0.9151	0.9933	0.9899	0.9992
37.8	0.9678	0.9842	0.7715	0.9582	0.9181	0.9952	0.9909	0.9994
37.9	0.9542	0.9801	0.8191	0.9505	0.9222	0.9953	0.9921	0.9993
38.0	0.9561	0.9780	0.8684	0.9526	0.9369	0.9958	0.9916	0.9993
38.1	0.9711	0.9846	0.9265	0.9696	0.9488	0.9965	0.9917	0.9995
38.2	0.9676	0.9821	0.9341	0.9672	0.9191	0.9964	0.9928	0.9996
38.3	0.9731	0.9853	0.9479	0.9733	0.9300	0.9973	0.9942	0.9996
38.4	0.9730	0.9824	0.9197	0.9573	0.9386	0.9962	0.9940	0.9993
38.5	0.9748	0.9850	0.8911	0.9411	0.9203	0.9961	0.9939	0.9994
38.6	0.9654	0.9803	0.8738	0.9490	0.9000	0.9954	0.9930	0.9993
38.7	0.9736	0.9796	0.8655	0.9502	0.9179	0.9964	0.9932	0.9996
38.8	0.9651	0.9739	0.8481	0.9485	0.9375	0.9965	0.9933	0.9995
38.9	0.9678	0.9667	0.8541	0.9636	0.9244	0.9972	0.9944	0.9995
39.0	0.9595	0.9640	0.8887	0.9727	0.9297	0.9973	0.9923	0.9995
39.1	0.9389	0.9356	0.8470	0.9543	0.9240	0.9965	0.9913	0.9994
39.2	0.9450	0.9417	0.8315	0.9554	0.9167	0.9970	0.9938	0.9995
39.3	0.9180	0.9206	0.8754	0.9653	0.9048	0.9967	0.9930	0.9994
39.4	0.9002	0.8779	0.8729	0.9519	0.8915	0.9959	0.9907	0.9994
39.5	0.8550	0.8498	0.8388	0.9392	0.8878	0.9966	0.9929	0.9995
39.6	0.8424	0.8407	0.8578	0.9352	0.9141	0.9972	0.9949	0.9996
39.7	0.8619	0.8289	0.7461	0.9306	0.8687	0.9965	0.9925	0.9995
39.8	0.8436	0.8146	0.7144	0.9341	0.7987	0.9964	0.9909	0.9994
39.9	0.7422	0.6675	0.7698	0.9357	0.7520	0.9960	0.9909	0.9994
40.0	0.6181	0.5635	0.7786	0.9229	0.7290	0.9953	0.9894	0.9994
40.1	0.6458	0.5190	0.6959	0.9199	0.7229	0.9951	0.9891	0.9994
40.2	0.6849	0.5681	0.7027	0.9444	0.6921	0.9957	0.9879	0.9995
40.3	0.6211	0.5936	0.6188	0.9377	0.5464	0.9945	0.9845	0.9993
40.4	0.7604	0.6750	0.6122	0.9553	0.5819	0.9961	0.9879	0.9995
40.5	0.8023	0.7132	0.6096	0.9575	0.5529	0.9958	0.9888	0.9995
40.6	0.8694	0.7352	0.6420	0.9506	0.4979	0.9949	0.9907	0.9995
40.7	0.8888	0.7271	0.6048	0.9572	0.3667	0.9953	0.9892	0.9995
40.8	0.8933	0.6896	0.6077	0.9454	0.2109	0.9934	0.9841	0.9994
40.9	0.9260	0.7043	0.6637	0.9608	0.1631	0.9938	0.9851	0.9994
41.0	0.9288	0.7400	0.7118	0.9609	0.1566	0.9938	0.9849	0.9994
41.1	0.9491	0.7935	0.7802	0.9679	0.2493	0.9946	0.9871	0.9995
41.2	0.9444	0.7709	0.6977	0.9651	0.1557	0.9938	0.9851	0.9993
41.3	0.9693	0.8364	0.7488	0.9784	0.0950	0.9956	0.9854	0.9995
41.4	0.9692	0.8522	0.8110	0.9794	0.0577	0.9962	0.9835	0.9996
41.5	0.9694	0.8758	0.8441	0.9798	0.1490	0.9960	0.9827	0.9996
41.6	0.9766	0.8753	0.7724	0.9764	0.0959	0.9954	0.9818	0.9995
41.7	0.9780	0.8326	0.7647	0.9782	0.1042	0.9956	0.9799	0.9996
41.8	0.9738	0.8112	0.8096	0.9767	0.1105	0.9953	0.9772	0.9995
41.9	0.9737	0.8137	0.8929	0.9820	0.1711	0.9957	0.9754	0.9995
42.0	0.9686	0.7989	0.8702	0.9817	0.3726	0.9964	0.9798	0.9994
42.1	0.9645	0.8096	0.8572	0.9791	0.3619	0.9962	0.9790	0.9993
42.2	0.9426	0.8039	0.7783	0.9676	0.3882	0.9953	0.9736	0.9992
42.3	0.9324	0.8050	0.7422	0.9687	0.4775	0.9964	0.9707	0.9994

42.4	0.9442	0.8636	0.6661	0.9674	0.4764	0.9965	0.9773	0.9993
42.5	0.9530	0.8514	0.6177	0.9645	0.4480	0.9967	0.9625	0.9993
42.6	0.9450	0.8220	0.5065	0.9570	0.4895	0.9959	0.9580	0.9992
42.7	0.9563	0.8090	0.5187	0.9678	0.3985	0.9953	0.9630	0.9993
42.8	0.9515	0.7889	0.5330	0.9628	0.4232	0.9934	0.9402	0.9992
42.9	0.9309	0.6846	0.5248	0.9559	0.5110	0.9937	0.9560	0.9991
43.0	0.9195	0.5469	0.3997	0.9506	0.5448	0.9952	0.9604	0.9992
43.1	0.9445	0.6089	0.3166	0.9609	0.5625	0.9958	0.9531	0.9994
43.2	0.9520	0.5853	0.2325	0.9745	0.5400	0.9961	0.9604	0.9996
43.3	0.9433	0.1122	0.2265	0.9643	0.5783	0.9960	0.9577	0.9997
43.4	0.9089	0.2231	0.2921	0.9459	0.5354	0.9954	0.9517	0.9995
43.5	0.9001	0.4795	0.2865	0.9474	0.6030	0.9947	0.9523	0.9995
43.6	0.8868	0.5515	0.4309	0.9371	0.6883	0.9939	0.9602	0.9995
43.7	0.8960	0.3411	0.4587	0.9380	0.7189	0.9945	0.9651	0.9994
43.8	0.9159	0.3076	0.6659	0.9556	0.7416	0.9964	0.9597	0.9996
43.9	0.9184	0.7214	0.7068	0.9561	0.7448	0.9963	0.9557	0.9996
44.0	0.8270	0.6654	0.3807	0.9258	0.7197	0.9942	0.9386	0.9993
44.1	0.6128	0.5039	0.2872	0.8395	0.6792	0.9939	0.9337	0.9990
44.2	0.4512	0.5084	0.4685	0.8295	0.6720	0.9933	0.9385	0.9989
44.3	0.4447	0.4333	0.6256	0.8143	0.5848	0.9946	0.9224	0.9989
44.4	0.6847	0.1361	0.7940	0.8435	0.7422	0.9958	0.9211	0.9994
44.5	0.6744	0.1369	0.7168	0.8394	0.7306	0.9924	0.9134	0.9993
44.6	0.4861	0.0119	0.7512	0.6850	0.6999	0.9914	0.9002	0.9990
44.7	0.6868	0.4118	0.8866	0.7232	0.7496	0.9920	0.9349	0.9992
44.8	0.6838	0.5487	0.8582	0.6978	0.7366	0.9892	0.9104	0.9990
44.9	0.9042	0.7540	0.9223	0.9008	0.7669	0.9910	0.9186	0.9993
45.0	0.8975	0.7604	0.9003	0.8968	0.7738	0.9915	0.9193	0.9993
45.1	0.9005	0.7789	0.8946	0.8997	0.7982	0.9914	0.9184	0.9991
45.2	0.9211	0.7278	0.9066	0.9110	0.8109	0.9905	0.9086	0.9991
45.3	0.9402	0.7925	0.9320	0.9185	0.8402	0.9914	0.9254	0.9993
45.4	0.9469	0.8727	0.9451	0.9383	0.8591	0.9897	0.9282	0.9992
45.5	0.8805	0.8322	0.9049	0.8957	0.8015	0.9848	0.8861	0.9990
45.6	0.8456	0.8508	0.9200	0.8640	0.7976	0.9836	0.8881	0.9989
45.7	0.8453	0.9121	0.9347	0.8843	0.8420	0.9843	0.9045	0.9989
45.8	0.8866	0.8997	0.9314	0.8948	0.8317	0.9828	0.8822	0.9984
45.9	0.8884	0.9075	0.9303	0.9052	0.8292	0.9829	0.8794	0.9983
46.0	0.9394	0.9458	0.9615	0.9520	0.8805	0.9880	0.8991	0.9990
46.1	0.9409	0.9294	0.9544	0.9515	0.8955	0.9862	0.9004	0.9987
46.2	0.8849	0.9241	0.9417	0.9420	0.8811	0.9833	0.8919	0.9986
46.3	0.8666	0.9311	0.9313	0.9270	0.8776	0.9818	0.8831	0.9985
46.4	0.9340	0.9490	0.9574	0.9563	0.9124	0.9861	0.9143	0.9989
46.5	0.9448	0.9529	0.9703	0.9680	0.9276	0.9872	0.9250	0.9990
46.6	0.9073	0.9231	0.9454	0.9410	0.8887	0.9788	0.8768	0.9979
46.7	0.8994	0.9123	0.9279	0.9364	0.8759	0.9755	0.8589	0.9977
46.8	0.9024	0.9244	0.9384	0.9471	0.8984	0.9768	0.8757	0.9984
46.9	0.9318	0.9479	0.9601	0.9596	0.9175	0.9805	0.8918	0.9988
47.0	0.9495	0.9453	0.9564	0.9563	0.9050	0.9755	0.8789	0.9982
47.1	0.9517	0.9449	0.9544	0.9543	0.9157	0.9734	0.8695	0.9981
47.2	0.9543	0.9439	0.9560	0.9560	0.9186	0.9768	0.8837	0.9982
47.3	0.9682	0.9615	0.9678	0.9690	0.9398	0.9830	0.9190	0.9988
47.4	0.9485	0.9566	0.9568	0.9632	0.9280	0.9802	0.9087	0.9986
47.5	0.9171	0.9400	0.9419	0.9555	0.9130	0.9750	0.8818	0.9981
47.6	0.9013	0.9347	0.9479	0.9623	0.9101	0.9747	0.8707	0.9985
47.7	0.9437	0.9423	0.9503	0.9640	0.9144	0.9763	0.8796	0.9986
47.8	0.9615	0.9508	0.9562	0.9678	0.9269	0.9753	0.8986	0.9986
47.9	0.9482	0.9427	0.9421	0.9620	0.9155	0.9703	0.8928	0.9982
48.0	0.9439	0.9464	0.9426	0.9654	0.9259	0.9795	0.9090	0.9984
48.1	0.9546	0.9642	0.9550	0.9760	0.9489	0.9872	0.9404	0.9990
48.2	0.9515	0.9653	0.9624	0.9807	0.9479	0.9856	0.9367	0.9992
48.3	0.9543	0.9591	0.9624	0.9804	0.9579	0.9845	0.9478	0.9994
48.4	0.9321	0.9464	0.9460	0.9753	0.9567	0.9803	0.9387	0.9992
48.5	0.9623	0.9562	0.9555	0.9786	0.9544	0.9834	0.9322	0.9993
48.6	0.9514	0.9307	0.9316	0.9681	0.9459	0.9803	0.9163	0.9991
48.7	0.9560	0.9319	0.9388	0.9700	0.9465	0.9796	0.9188	0.9991
48.8	0.9584	0.9421	0.9490	0.9716	0.9422	0.9809	0.9207	0.9990
48.9	0.9307	0.9333	0.9401	0.9709	0.9488	0.9862	0.9286	0.9992
49.0	0.9215	0.9356	0.9490	0.9749	0.9502	0.9858	0.9327	0.9994
49.1	0.9325	0.9335	0.9425	0.9741	0.9490	0.9838	0.9324	0.9993
49.2	0.9451	0.9352	0.9370	0.9732	0.9454	0.9847	0.9301	0.9992
49.3	0.9453	0.9379	0.9330	0.9708	0.9624	0.9866	0.9469	0.9993
49.4	0.9253	0.9342	0.9387	0.9708	0.9745	0.9888	0.9580	0.9994
49.5	0.6426	0.7495	0.7958	0.8956	0.9606	0.9895	0.9505	0.9993
49.6	0.5577	0.6227	0.6423	0.8094	0.9577	0.9898	0.9509	0.9994
49.7	0.8232	0.7920	0.8389	0.9279	0.9665	0.9919	0.9678	0.9996
49.8	0.9360	0.8886	0.9309	0.9648	0.9759	0.9900	0.9715	0.9993
49.9	0.8659	0.8124	0.8555	0.9244	0.9521	0.9665	0.9603	0.9978
50.0	0.9176	0.8662	0.8907	0.9501	0.9473	0.9699	0.9660	0.9978
50.1	0.9788	0.9520	0.9376	0.9698	0.9684	0.9912	0.9730	0.9991
50.2	0.9732	0.9541	0.9271	0.9643	0.9694	0.9960	0.9743	0.9994
50.3	0.9632	0.9170	0.9180	0.9535	0.9661	0.9963	0.9750	0.9993
50.4	0.9495	0.8963	0.8964	0.9488	0.9599	0.9939	0.9683	0.9991
50.5	0.9445	0.9010	0.8993	0.9540	0.9680	0.9948	0.9677	0.9991
50.6	0.9715	0.9347	0.9270	0.9661	0.9788	0.9970	0.9746	0.9993
50.7	0.9786	0.9430	0.9343	0.9698	0.9785	0.9970	0.9784	0.9994
50.8	0.9673	0.9270	0.8977	0.9515	0.9714	0.9959	0.9769	0.9992
50.9	0.9668	0.9125	0.8671	0.9404	0.9672	0.9949	0.9754	0.9993

51.0	0.9712	0.9146	0.9129	0.9520	0.9699	0.9959	0.9766	0.9993
51.1	0.9614	0.8909	0.9320	0.9598	0.9707	0.9952	0.9778	0.9992
51.2	0.9384	0.8693	0.9357	0.9608	0.9737	0.9947	0.9842	0.9988
51.3	0.9325	0.8873	0.9004	0.9470	0.9694	0.9949	0.9800	0.9982
51.4	0.9621	0.9062	0.9173	0.9594	0.9772	0.9958	0.9796	0.9989
51.5	0.9746	0.9076	0.9444	0.9627	0.9788	0.9966	0.9807	0.9993
51.6	0.9775	0.9276	0.9662	0.9738	0.9821	0.9971	0.9806	0.9994
51.7	0.9842	0.9555	0.9715	0.9779	0.9819	0.9975	0.9807	0.9994
51.8	0.9836	0.9622	0.9764	0.9810	0.9816	0.9979	0.9820	0.9992
51.9	0.9765	0.9536	0.9631	0.9721	0.9737	0.9972	0.9810	0.9990
52.0	0.9834	0.9696	0.9744	0.9825	0.9813	0.9976	0.9841	0.9991
52.1	0.9805	0.9642	0.9693	0.9791	0.9792	0.9973	0.9734	0.9990
52.2	0.9848	0.9655	0.9757	0.9820	0.9748	0.9977	0.9768	0.9991
52.3	0.9748	0.9599	0.9664	0.9736	0.9714	0.9970	0.9762	0.9988
52.4	0.9765	0.9596	0.9696	0.9743	0.9695	0.9972	0.9737	0.9989
52.5	0.9841	0.9729	0.9778	0.9838	0.9771	0.9976	0.9774	0.9991
52.6	0.9857	0.9803	0.9802	0.9851	0.9794	0.9968	0.9806	0.9989
52.7	0.9858	0.9830	0.9835	0.9877	0.9820	0.9975	0.9820	0.9991
52.8	0.9840	0.9804	0.9779	0.9842	0.9844	0.9978	0.9844	0.9991
52.9	0.9838	0.9790	0.9785	0.9828	0.9816	0.9970	0.9875	0.9989
53.0	0.9833	0.9855	0.9841	0.9850	0.9826	0.9964	0.9865	0.9988
53.1	0.9843	0.9834	0.9846	0.9854	0.9789	0.9965	0.9787	0.9984
53.2	0.9878	0.9860	0.9864	0.9883	0.9817	0.9966	0.9834	0.9987
53.3	0.9888	0.9872	0.9875	0.9900	0.9839	0.9965	0.9841	0.9988
53.4	0.9904	0.9899	0.9893	0.9909	0.9855	0.9972	0.9850	0.9991
53.5	0.9833	0.9853	0.9837	0.9848	0.9858	0.9968	0.9827	0.9988
53.6	0.9895	0.9885	0.9900	0.9903	0.9860	0.9971	0.9863	0.9991
53.7	0.9905	0.9880	0.9891	0.9905	0.9845	0.9972	0.9848	0.9989
53.8	0.9883	0.9887	0.9872	0.9891	0.9859	0.9980	0.9876	0.9991
53.9	0.9864	0.9891	0.9865	0.9881	0.9853	0.9978	0.9882	0.9990
54.0	0.9868	0.9876	0.9868	0.9871	0.9829	0.9970	0.9853	0.9987
54.1	0.9845	0.9817	0.9822	0.9818	0.9802	0.9962	0.9824	0.9982
54.2	0.9734	0.9704	0.9703	0.9704	0.9860	0.9967	0.9842	0.9976
54.3	0.9798	0.9727	0.9754	0.9755	0.9839	0.9970	0.9836	0.9983
54.4	0.9846	0.9832	0.9810	0.9832	0.9833	0.9976	0.9820	0.9987
54.5	0.9823	0.9770	0.9759	0.9794	0.9826	0.9957	0.9836	0.9978
54.6	0.9786	0.9754	0.9738	0.9764	0.9865	0.9963	0.9878	0.9980
54.7	0.9685	0.9700	0.9650	0.9684	0.9836	0.9964	0.9847	0.9976
54.8	0.9771	0.9737	0.9736	0.9747	0.9844	0.9967	0.9843	0.9977
54.9	0.9844	0.9802	0.9810	0.9814	0.9879	0.9969	0.9877	0.9980
55.0	0.9833	0.9816	0.9801	0.9824	0.9835	0.9959	0.9850	0.9977
55.1	0.9815	0.9792	0.9791	0.9809	0.9846	0.9950	0.9874	0.9974
55.2	0.9792	0.9763	0.9762	0.9773	0.9841	0.9955	0.9868	0.9975
55.3	0.9789	0.9723	0.9720	0.9771	0.9852	0.9956	0.9844	0.9980
55.4	0.9831	0.9759	0.9771	0.9810	0.9812	0.9955	0.9831	0.9981
55.5	0.9807	0.9766	0.9738	0.9789	0.9833	0.9961	0.9842	0.9975
55.6	0.9741	0.9704	0.9667	0.9734	0.9815	0.9937	0.9838	0.9965
55.7	0.9835	0.9776	0.9780	0.9814	0.9848	0.9950	0.9868	0.9974
55.8	0.9828	0.9769	0.9763	0.9801	0.9840	0.9941	0.9863	0.9970
55.9	0.9817	0.9745	0.9734	0.9787	0.9838	0.9940	0.9881	0.9969
56.0	0.9822	0.9768	0.9756	0.9801	0.9848	0.9946	0.9860	0.9970
56.1	0.9761	0.9721	0.9698	0.9733	0.9817	0.9938	0.9831	0.9965
56.2	0.9774	0.9703	0.9695	0.9751	0.9815	0.9921	0.9825	0.9959
56.3	0.9823	0.9745	0.9756	0.9808	0.9854	0.9940	0.9876	0.9971
56.4	0.9826	0.9748	0.9762	0.9808	0.9869	0.9930	0.9894	0.9969
56.5	0.9799	0.9706	0.9709	0.9779	0.9803	0.9930	0.9841	0.9958
56.6	0.9765	0.9651	0.9667	0.9748	0.9797	0.9930	0.9836	0.9953
56.7	0.9813	0.9719	0.9706	0.9781	0.9844	0.9938	0.9904	0.9952
56.8	0.9802	0.9744	0.9702	0.9791	0.9794	0.9911	0.9884	0.9947
56.9	0.9816	0.9794	0.9724	0.9824	0.9759	0.9912	0.9865	0.9941
57.0	0.9794	0.9749	0.9677	0.9798	0.9764	0.9917	0.9866	0.9940
57.1	0.9744	0.9702	0.9606	0.9747	0.9713	0.9870	0.9813	0.9907
57.2	0.9762	0.9752	0.9672	0.9780	0.9748	0.9896	0.9870	0.9930
57.3	0.9778	0.9737	0.9685	0.9798	0.9665	0.9911	0.9884	0.9946
57.4	0.9649	0.9550	0.9470	0.9676	0.9601	0.9870	0.9843	0.9920
57.5	0.9623	0.9538	0.9446	0.9649	0.9674	0.9842	0.9874	0.9916
57.6	0.9687	0.9625	0.9547	0.9703	0.9666	0.9865	0.9893	0.9944
57.7	0.9758	0.9698	0.9646	0.9767	0.9741	0.9875	0.9902	0.9939
57.8	0.9796	0.9743	0.9701	0.9797	0.9738	0.9882	0.9929	0.9949
57.9	0.9731	0.9692	0.9620	0.9757	0.9681	0.9837	0.9888	0.9947
58.0	0.9804	0.9774	0.9728	0.9829	0.9746	0.9874	0.9917	0.9963
58.1	0.9822	0.9785	0.9750	0.9840	0.9719	0.9877	0.9912	0.9963
58.2	0.9748	0.9725	0.9671	0.9782	0.9681	0.9845	0.9921	0.9961
58.3	0.9792	0.9778	0.9733	0.9827	0.9724	0.9857	0.9913	0.9967
58.4	0.9767	0.9737	0.9676	0.9795	0.9562	0.9836	0.9870	0.9963
58.5	0.9747	0.9709	0.9650	0.9788	0.9506	0.9813	0.9872	0.9958
58.6	0.9780	0.9746	0.9708	0.9802	0.9576	0.9826	0.9883	0.9963
58.7	0.9821	0.9807	0.9762	0.9837	0.9663	0.9877	0.9902	0.9975
58.8	0.9748	0.9732	0.9679	0.9777	0.9473	0.9809	0.9844	0.9971
58.9	0.9744	0.9704	0.9640	0.9772	0.9371	0.9790	0.9783	0.9968
59.0	0.9752	0.9745	0.9663	0.9802	0.9158	0.9804	0.9786	0.9969
59.1	0.9833	0.9811	0.9762	0.9847	0.9217	0.9880	0.9874	0.9977
59.2	0.9768	0.9726	0.9668	0.9800	0.9143	0.9811	0.9842	0.9974
59.3	0.9767	0.9739	0.9679	0.9810	0.8550	0.9791	0.9763	0.9959
59.4	0.9833	0.9808	0.9762	0.9859	0.8386	0.9836	0.9792	0.9977
59.5	0.9800	0.9771	0.9681	0.9835	0.7078	0.9838	0.9758	0.9957

59.6	0.9791	0.9746	0.9651	0.9840	0.6191	0.9870	0.9680	0.9936
59.7	0.9746	0.9684	0.9607	0.9793	0.6503	0.9816	0.9760	0.9923
59.8	0.9799	0.9765	0.9694	0.9837	0.7198	0.9876	0.9731	0.9899
59.9	0.9729	0.9629	0.9330	0.9464	0.3100	0.8960	0.9669	0.9199
60.0	0.9321	0.8970	0.8003	0.8293	0.2139	0.7217	0.9482	0.8089
60.1	0.9698	0.9600	0.9385	0.9497	0.4645	0.9158	0.9551	0.9400
60.2	0.9798	0.9769	0.9729	0.9827	0.9058	0.9885	0.9580	0.9870
60.3	0.9799	0.9768	0.9727	0.9808	0.9224	0.9885	0.9477	0.9876
60.4	0.9756	0.9741	0.9692	0.9779	0.9332	0.9850	0.9426	0.9880
60.5	0.9789	0.9781	0.9742	0.9813	0.9357	0.9872	0.9497	0.9898
60.6	0.9757	0.9756	0.9719	0.9782	0.9248	0.9852	0.9327	0.9890
60.7	0.9761	0.9769	0.9718	0.9789	0.9407	0.9842	0.9264	0.9885
60.8	0.9803	0.9810	0.9769	0.9824	0.9540	0.9856	0.9363	0.9920
60.9	0.9722	0.9714	0.9683	0.9757	0.9417	0.9794	0.9014	0.9889
61.0	0.9756	0.9740	0.9715	0.9782	0.9480	0.9808	0.9118	0.9917
61.1	0.9818	0.9820	0.9799	0.9844	0.9603	0.9855	0.9313	0.9949
61.2	0.9810	0.9799	0.9778	0.9832	0.9735	0.9844	0.9362	0.9948
61.3	0.9805	0.9801	0.9774	0.9826	0.9635	0.9834	0.9125	0.9946
61.4	0.9791	0.9801	0.9768	0.9819	0.9580	0.9819	0.8984	0.9947
61.5	0.9822	0.9817	0.9795	0.9848	0.9695	0.9820	0.9105	0.9951
61.6	0.9864	0.9846	0.9840	0.9881	0.9754	0.9851	0.9236	0.9963
61.7	0.9849	0.9841	0.9842	0.9872	0.9709	0.9835	0.9179	0.9965
61.8	0.9832	0.9829	0.9814	0.9864	0.9681	0.9820	0.9118	0.9963
61.9	0.9791	0.9793	0.9774	0.9835	0.9709	0.9779	0.9039	0.9958
62.0	0.9816	0.9812	0.9801	0.9841	0.9755	0.9785	0.8969	0.9966
62.1	0.9800	0.9822	0.9805	0.9831	0.9777	0.9790	0.9030	0.9968
62.2	0.9849	0.9873	0.9850	0.9874	0.9790	0.9844	0.9265	0.9977
62.3	0.9850	0.9855	0.9842	0.9868	0.9763	0.9824	0.9069	0.9979
62.4	0.9827	0.9837	0.9817	0.9851	0.9743	0.9794	0.8834	0.9972
62.5	0.9768	0.9806	0.9768	0.9820	0.9755	0.9741	0.8867	0.9967
62.6	0.9786	0.9834	0.9795	0.9839	0.9785	0.9787	0.8950	0.9973
62.7	0.9812	0.9850	0.9830	0.9861	0.9820	0.9795	0.9055	0.9977
62.8	0.9802	0.9835	0.9822	0.9850	0.9730	0.9800	0.8813	0.9975
62.9	0.9798	0.9823	0.9789	0.9846	0.9744	0.9789	0.8877	0.9969
63.0	0.9847	0.9871	0.9849	0.9879	0.9795	0.9826	0.9018	0.9979
63.1	0.9874	0.9903	0.9883	0.9898	0.9841	0.9863	0.9140	0.9985
63.2	0.9850	0.9887	0.9862	0.9889	0.9857	0.9862	0.8940	0.9984
63.3	0.9817	0.9854	0.9823	0.9860	0.9721	0.9800	0.8380	0.9979
63.4	0.9813	0.9866	0.9817	0.9864	0.9760	0.9794	0.8404	0.9983
63.5	0.9791	0.9855	0.9798	0.9854	0.9768	0.9777	0.8646	0.9982
63.6	0.9782	0.9844	0.9801	0.9854	0.9770	0.9767	0.8660	0.9982
63.7	0.9817	0.9871	0.9843	0.9867	0.9791	0.9814	0.8385	0.9982
63.8	0.9855	0.9892	0.9863	0.9891	0.9810	0.9857	0.8518	0.9987
63.9	0.9863	0.9905	0.9866	0.9902	0.9778	0.9862	0.8512	0.9986
64.0	0.9844	0.9900	0.9860	0.9902	0.9771	0.9846	0.7926	0.9986
64.1	0.9824	0.9877	0.9839	0.9875	0.9720	0.9813	0.7023	0.9985
64.2	0.9823	0.9884	0.9845	0.9873	0.9709	0.9834	0.7644	0.9989
64.3	0.9857	0.9896	0.9874	0.9894	0.9718	0.9861	0.7734	0.9988
64.4	0.9804	0.9857	0.9816	0.9838	0.9669	0.9808	0.6994	0.9983
64.5	0.9880	0.9907	0.9884	0.9904	0.9776	0.9869	0.7521	0.9987
64.6	0.9885	0.9917	0.9892	0.9914	0.9771	0.9863	0.7576	0.9989
64.7	0.9856	0.9902	0.9874	0.9897	0.9746	0.9830	0.6504	0.9989
64.8	0.9878	0.9922	0.9896	0.9909	0.9794	0.9875	0.7091	0.9989
64.9	0.9890	0.9935	0.9916	0.9918	0.9779	0.9878	0.6949	0.9992
65.0	0.9905	0.9927	0.9909	0.9919	0.9740	0.9885	0.6616	0.9989
65.1	0.9873	0.9914	0.9884	0.9903	0.9723	0.9861	0.6195	0.9986
65.2	0.9880	0.9915	0.9888	0.9905	0.9716	0.9883	0.6367	0.9987
65.3	0.9873	0.9907	0.9883	0.9898	0.9585	0.9861	0.5050	0.9990
65.4	0.9873	0.9903	0.9893	0.9898	0.9641	0.9854	0.5629	0.9989
65.5	0.9886	0.9914	0.9903	0.9907	0.9509	0.9873	0.4823	0.9988
65.6	0.9879	0.9913	0.9905	0.9901	0.9435	0.9863	0.3509	0.9988
65.7	0.9855	0.9879	0.9873	0.9876	0.9376	0.9818	0.2053	0.9983
65.8	0.9883	0.9914	0.9899	0.9908	0.9451	0.9852	0.3385	0.9986
65.9	0.9911	0.9945	0.9932	0.9936	0.9520	0.9904	0.2943	0.9992
66.0	0.9884	0.9929	0.9908	0.9913	0.9425	0.9857	0.1923	0.9988
66.1	0.9892	0.9931	0.9909	0.9914	0.9286	0.9869	0.1008	0.9989
66.2	0.9930	0.9949	0.9937	0.9940	0.9521	0.9934	0.1932	0.9990
66.3	0.9940	0.9952	0.9945	0.9948	0.9639	0.9928	0.3076	0.9991
66.4	0.9924	0.9940	0.9930	0.9937	0.9542	0.9906	0.3548	0.9991
66.5	0.9936	0.9944	0.9946	0.9944	0.9487	0.9927	0.4072	0.9990
66.6	0.9918	0.9934	0.9923	0.9927	0.9260	0.9920	0.3103	0.9988
66.7	0.9902	0.9927	0.9915	0.9913	0.9223	0.9902	0.2958	0.9985
66.8	0.9927	0.9940	0.9935	0.9932	0.9414	0.9920	0.4053	0.9990
66.9	0.9950	0.9948	0.9949	0.9951	0.9504	0.9930	0.4626	0.9992
67.0	0.9941	0.9947	0.9943	0.9947	0.9330	0.9919	0.5090	0.9991
67.1	0.9933	0.9945	0.9940	0.9942	0.9170	0.9901	0.5084	0.9991
67.2	0.9936	0.9954	0.9948	0.9943	0.9345	0.9917	0.4934	0.9988
67.3	0.9954	0.9959	0.9956	0.9959	0.9494	0.9933	0.6238	0.9990
67.4	0.9959	0.9963	0.9961	0.9963	0.9370	0.9938	0.7194	0.9991
67.5	0.9959	0.9965	0.9964	0.9958	0.9370	0.9944	0.7149	0.9993
67.6	0.9948	0.9958	0.9952	0.9950	0.9237	0.9925	0.6515	0.9991
67.7	0.9933	0.9948	0.9940	0.9941	0.9241	0.9909	0.6418	0.9988
67.8	0.9917	0.9948	0.9939	0.9939	0.9211	0.9896	0.7480	0.9989
67.9	0.9945	0.9961	0.9955	0.9952	0.9274	0.9920	0.7800	0.9988
68.0	0.9944	0.9957	0.9954	0.9946	0.9250	0.9917	0.7404	0.9988
68.1	0.9946	0.9955	0.9949	0.9944	0.9144	0.9909	0.7040	0.9989

68.2	0.9955	0.9960	0.9954	0.9954	0.9199	0.9928	0.7342	0.9990
68.3	0.9967	0.9968	0.9966	0.9969	0.9354	0.9947	0.8125	0.9990
68.4	0.9961	0.9967	0.9963	0.9963	0.9178	0.9937	0.8226	0.9990
68.5	0.9949	0.9959	0.9956	0.9953	0.9247	0.9915	0.7949	0.9989
68.6	0.9949	0.9961	0.9951	0.9953	0.9219	0.9908	0.8534	0.9989
68.7	0.9943	0.9950	0.9941	0.9944	0.8981	0.9884	0.8553	0.9988
68.8	0.9934	0.9942	0.9937	0.9934	0.8989	0.9886	0.8118	0.9988
68.9	0.9935	0.9950	0.9943	0.9941	0.9208	0.9904	0.8454	0.9987
69.0	0.9943	0.9955	0.9948	0.9946	0.9147	0.9902	0.8348	0.9990
69.1	0.9942	0.9957	0.9951	0.9946	0.8691	0.9896	0.8106	0.9988
69.2	0.9938	0.9957	0.9947	0.9945	0.8960	0.9899	0.8114	0.9988
69.3	0.9946	0.9954	0.9942	0.9951	0.8963	0.9905	0.8620	0.9987
69.4	0.9952	0.9965	0.9952	0.9960	0.8709	0.9917	0.8494	0.9986
69.5	0.9953	0.9961	0.9953	0.9957	0.8747	0.9908	0.8582	0.9986
69.6	0.9948	0.9960	0.9949	0.9956	0.8738	0.9914	0.8451	0.9987
69.7	0.9944	0.9956	0.9948	0.9955	0.8679	0.9912	0.8239	0.9988
69.8	0.9943	0.9951	0.9942	0.9952	0.8438	0.9900	0.8637	0.9986
69.9	0.9910	0.9929	0.9904	0.9928	0.8267	0.9864	0.8203	0.9982
70.0	0.9922	0.9940	0.9917	0.9931	0.8355	0.9879	0.8316	0.9985
70.1	0.9930	0.9943	0.9928	0.9931	0.8125	0.9884	0.8256	0.9986
70.2	0.9937	0.9945	0.9929	0.9937	0.8210	0.9906	0.8386	0.9985
70.3	0.9933	0.9944	0.9931	0.9937	0.8028	0.9900	0.8596	0.9981
70.4	0.9944	0.9953	0.9929	0.9948	0.8093	0.9910	0.8718	0.9985
70.5	0.9942	0.9952	0.9926	0.9958	0.7820	0.9931	0.8940	0.9981
70.6	0.9949	0.9958	0.9948	0.9952	0.7532	0.9943	0.9162	0.9982
70.7	0.9954	0.9956	0.9948	0.9955	0.7169	0.9949	0.8937	0.9984
70.8	0.9949	0.9960	0.9934	0.9955	0.7040	0.9951	0.8839	0.9981
70.9	0.9938	0.9948	0.9920	0.9963	0.6942	0.9942	0.8883	0.9972
71.0	0.9942	0.9940	0.9907	0.9950	0.6709	0.9955	0.9100	0.9972
71.1	0.9940	0.9945	0.9904	0.9943	0.6628	0.9949	0.9011	0.9977
71.2	0.9934	0.9924	0.9882	0.9939	0.6237	0.9933	0.8810	0.9973
71.3	0.9938	0.9922	0.9891	0.9937	0.6775	0.9938	0.9043	0.9973
71.4	0.9930	0.9919	0.9872	0.9924	0.6508	0.9945	0.9078	0.9975
71.5	0.9934	0.9908	0.9867	0.9933	0.6889	0.9957	0.9370	0.9973
71.6	0.9928	0.9893	0.9860	0.9926	0.7015	0.9935	0.9296	0.9959
71.7	0.9940	0.9909	0.9873	0.9933	0.7066	0.9945	0.9309	0.9966
71.8	0.9926	0.9880	0.9812	0.9923	0.7059	0.9954	0.9351	0.9965
71.9	0.9933	0.9896	0.9844	0.9947	0.7503	0.9952	0.9371	0.9955
72.0	0.9930	0.9899	0.9835	0.9946	0.7763	0.9944	0.9349	0.9958
72.1	0.9945	0.9884	0.9856	0.9923	0.8461	0.9962	0.9505	0.9973
72.2	0.9943	0.9874	0.9855	0.9938	0.8465	0.9963	0.9562	0.9965
72.3	0.9955	0.9862	0.9867	0.9943	0.8669	0.9971	0.9585	0.9965
72.4	0.9942	0.9849	0.9819	0.9940	0.8600	0.9968	0.9573	0.9967
72.5	0.9906	0.9774	0.9652	0.9933	0.8291	0.9954	0.9492	0.9948
72.6	0.9929	0.9800	0.9740	0.9941	0.8840	0.9959	0.9634	0.9956
72.7	0.9916	0.9761	0.9689	0.9926	0.9027	0.9956	0.9594	0.9955
72.8	0.9922	0.9797	0.9746	0.9945	0.9109	0.9956	0.9670	0.9961
72.9	0.9937	0.9721	0.9704	0.9940	0.9173	0.9954	0.9692	0.9957
73.0	0.9910	0.9639	0.9471	0.9927	0.8971	0.9948	0.9645	0.9945
73.1	0.9906	0.9675	0.9411	0.9926	0.8933	0.9954	0.9669	0.9953
73.2	0.9921	0.9658	0.9536	0.9944	0.9193	0.9972	0.9707	0.9962
73.3	0.9947	0.9701	0.9591	0.9965	0.9341	0.9973	0.9761	0.9969
73.4	0.9960	0.9751	0.9590	0.9961	0.9508	0.9975	0.9843	0.9971
73.5	0.9949	0.9721	0.9471	0.9962	0.9291	0.9970	0.9771	0.9966
73.6	0.9924	0.9721	0.9357	0.9959	0.9220	0.9963	0.9776	0.9949
73.7	0.9931	0.9792	0.9563	0.9953	0.9276	0.9964	0.9817	0.9952
73.8	0.9918	0.9738	0.9435	0.9951	0.9250	0.9963	0.9792	0.9954
73.9	0.9926	0.9765	0.9418	0.9959	0.9355	0.9968	0.9817	0.9960
74.0	0.9924	0.9748	0.9411	0.9958	0.9361	0.9965	0.9807	0.9954
74.1	0.9916	0.9671	0.9311	0.9963	0.9402	0.9962	0.9806	0.9948
74.2	0.9912	0.9645	0.9174	0.9956	0.9457	0.9969	0.9789	0.9939
74.3	0.9922	0.9755	0.9329	0.9956	0.9365	0.9960	0.9792	0.9949
74.4	0.9919	0.9747	0.9485	0.9948	0.9157	0.9964	0.9799	0.9936
74.5	0.9937	0.9803	0.9615	0.9961	0.9350	0.9971	0.9818	0.9943
74.6	0.9935	0.9801	0.9633	0.9964	0.9541	0.9973	0.9799	0.9950
74.7	0.9942	0.9824	0.9681	0.9960	0.9670	0.9979	0.9851	0.9962
74.8	0.9945	0.9831	0.9718	0.9956	0.9623	0.9976	0.9806	0.9961
74.9	0.9903	0.9735	0.9642	0.9934	0.9241	0.9962	0.9724	0.9930
75.0	0.9943	0.9764	0.9783	0.9949	0.9329	0.9966	0.9768	0.9954
75.1	0.9924	0.9764	0.9751	0.9949	0.9390	0.9968	0.9765	0.9951
75.2	0.9899	0.9738	0.9657	0.9937	0.9144	0.9960	0.9720	0.9896
75.3	0.9881	0.9703	0.9671	0.9929	0.9308	0.9964	0.9784	0.9895
75.4	0.9922	0.9784	0.9773	0.9951	0.9469	0.9975	0.9785	0.9933
75.5	0.9915	0.9790	0.9791	0.9941	0.9323	0.9971	0.9730	0.9930
75.6	0.9931	0.9805	0.9850	0.9957	0.9376	0.9974	0.9768	0.9943
75.7	0.9936	0.9804	0.9865	0.9949	0.9504	0.9975	0.9746	0.9945
75.8	0.9934	0.9765	0.9848	0.9946	0.9566	0.9982	0.9777	0.9959
75.9	0.9926	0.9739	0.9841	0.9942	0.9474	0.9977	0.9755	0.9950
76.0	0.9940	0.9751	0.9886	0.9942	0.9542	0.9975	0.9764	0.9952
76.1	0.9927	0.9718	0.9846	0.9924	0.9501	0.9969	0.9725	0.9949
76.2	0.9918	0.9742	0.9825	0.9936	0.9296	0.9966	0.9720	0.9941
76.3	0.9926	0.9733	0.9856	0.9946	0.9216	0.9971	0.9695	0.9933
76.4	0.9908	0.9756	0.9842	0.9930	0.9430	0.9971	0.9716	0.9925
76.5	0.9944	0.9756	0.9894	0.9946	0.9532	0.9975	0.9776	0.9952
76.6	0.9955	0.9823	0.9919	0.9961	0.9593	0.9980	0.9822	0.9968
76.7	0.9942	0.9781	0.9892	0.9950	0.9555	0.9982	0.9787	0.9951

76.8	0.9941	0.9782	0.9894	0.9950	0.9476	0.9984	0.9761	0.9956
76.9	0.9908	0.9661	0.9854	0.9920	0.9175	0.9966	0.9654	0.9932
77.0	0.9908	0.9730	0.9853	0.9908	0.9426	0.9967	0.9703	0.9921
77.1	0.9928	0.9779	0.9885	0.9935	0.9441	0.9976	0.9752	0.9944
77.2	0.9928	0.9776	0.9877	0.9927	0.9467	0.9971	0.9747	0.9942
77.3	0.9900	0.9715	0.9831	0.9900	0.9420	0.9967	0.9697	0.9920
77.4	0.9924	0.9816	0.9865	0.9917	0.9382	0.9974	0.9753	0.9941
77.5	0.9938	0.9852	0.9883	0.9932	0.9419	0.9974	0.9785	0.9956
77.6	0.9933	0.9812	0.9893	0.9929	0.9425	0.9971	0.9763	0.9950
77.7	0.9929	0.9793	0.9894	0.9933	0.9528	0.9967	0.9738	0.9943
77.8	0.9930	0.9724	0.9867	0.9923	0.9291	0.9970	0.9691	0.9941
77.9	0.9933	0.9786	0.9900	0.9926	0.9343	0.9970	0.9751	0.9949
78.0	0.9933	0.9849	0.9912	0.9940	0.9549	0.9976	0.9764	0.9951
78.1	0.9925	0.9823	0.9894	0.9932	0.9588	0.9971	0.9724	0.9944
78.2	0.9910	0.9800	0.9883	0.9924	0.9369	0.9966	0.9732	0.9940
78.3	0.9913	0.9797	0.9885	0.9919	0.9394	0.9964	0.9734	0.9944
78.4	0.9931	0.9825	0.9909	0.9931	0.9494	0.9966	0.9712	0.9946
78.5	0.9910	0.9726	0.9875	0.9904	0.9530	0.9959	0.9667	0.9931
78.6	0.9906	0.9754	0.9870	0.9902	0.9467	0.9959	0.9644	0.9933
78.7	0.9898	0.9792	0.9869	0.9893	0.9441	0.9959	0.9669	0.9941
78.8	0.9897	0.9777	0.9856	0.9891	0.9401	0.9953	0.9673	0.9935
78.9	0.9906	0.9758	0.9870	0.9889	0.9347	0.9953	0.9397	0.9933
79.0	0.9894	0.9747	0.9864	0.9885	0.8691	0.9953	0.8158	0.9930
79.1	0.9907	0.9694	0.9875	0.9896	0.7641	0.9953	0.7056	0.9924
79.2	0.9918	0.9772	0.9883	0.9903	0.8170	0.9967	0.8562	0.9941
79.3	0.9921	0.9809	0.9890	0.9912	0.8708	0.9960	0.9240	0.9943
79.4	0.9915	0.9789	0.9876	0.9905	0.8874	0.9962	0.9444	0.9932
79.5	0.9902	0.9748	0.9853	0.9892	0.9039	0.9951	0.9522	0.9930
79.6	0.9882	0.9675	0.9822	0.9865	0.9029	0.9948	0.9413	0.9919
79.7	0.9896	0.9741	0.9868	0.9887	0.9417	0.9942	0.9425	0.9930
79.8	0.9891	0.9715	0.9856	0.9879	0.9391	0.9938	0.9544	0.9923
79.9	0.9867	0.9699	0.9816	0.9848	0.9246	0.9941	0.9445	0.9915
80.0	0.9882	0.9700	0.9835	0.9857	0.9360	0.9951	0.9589	0.9925

1.2.29 Run 8 – IP315NVP – NF and AF gauges

In-plane shaking at 315° with no vertical shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.6314	0.5639	0.8060	0.3050	0.3545	0.7413	0.3921	0.3291
0.1	0.4160	0.9276	0.9085	0.0636	0.1434	0.8578	0.2095	0.1222
0.2	0.1455	0.9990	0.9986	0.5787	0.6075	0.9694	0.7262	0.3740
0.3	0.1557	0.9992	0.9988	0.6327	0.7186	0.9771	0.7803	0.3551
0.4	0.1689	0.9990	0.9990	0.6614	0.7579	0.9770	0.8456	0.3311
0.5	0.3059	0.9991	0.9992	0.6687	0.8444	0.9807	0.8854	0.5666
0.6	0.4283	0.9988	0.9993	0.6359	0.8917	0.9731	0.9121	0.7152
0.7	0.1464	0.9929	0.9953	0.0295	0.6337	0.9027	0.6569	0.6059
0.8	0.2796	0.9959	0.9937	0.2281	0.5289	0.9479	0.5614	0.5491
0.9	0.1145	0.9984	0.9983	0.6620	0.7864	0.9742	0.7798	0.5503
1.0	0.4110	0.9937	0.9996	0.6826	0.7062	0.9314	0.7256	0.6251
1.1	0.4224	0.9907	0.9993	0.5370	0.4283	0.9273	0.4478	0.3707
1.2	0.7767	0.9981	0.9992	0.5649	0.1834	0.9817	0.2503	0.1662
1.3	0.8155	0.9995	0.9994	0.5717	0.6702	0.9861	0.6243	0.3789
1.4	0.8552	0.9997	0.9996	0.5251	0.7885	0.9912	0.7518	0.3327
1.5	0.7975	0.9997	0.9996	0.1020	0.7592	0.9901	0.8239	0.2427
1.6	0.8422	0.9998	0.9995	0.0571	0.7979	0.9926	0.8648	0.4297
1.7	0.8025	0.9998	0.9994	0.3664	0.7512	0.9933	0.8625	0.3197
1.8	0.7790	0.9997	0.9990	0.6150	0.7961	0.9911	0.8537	0.3262
1.9	0.7730	0.9996	0.9976	0.7276	0.8221	0.9908	0.8670	0.1848
2.0	0.7656	0.9994	0.9831	0.5870	0.6915	0.9850	0.7731	0.0836
2.1	0.8081	0.9995	0.9616	0.6926	0.6899	0.9794	0.7745	0.2885
2.2	0.8145	0.9997	0.9628	0.7457	0.7240	0.9754	0.6689	0.4777
2.3	0.8333	0.9996	0.9893	0.8110	0.5619	0.9733	0.4797	0.4263
2.4	0.7236	0.9992	0.9971	0.8745	0.2040	0.8332	0.1820	0.1552
2.5	0.8633	0.9995	0.9955	0.7536	0.0200	0.9076	0.0294	0.0036
2.6	0.9364	0.9997	0.9932	0.8030	0.0758	0.9861	0.1846	0.0019
2.7	0.9033	0.9998	0.9977	0.9335	0.0484	0.9955	0.2260	0.0607
2.8	0.8522	0.9998	0.9991	0.9539	0.1414	0.9923	0.1809	0.0020
2.9	0.8837	0.9997	0.9990	0.9527	0.2016	0.9911	0.1788	0.0570
3.0	0.8866	0.9997	0.9992	0.9726	0.3382	0.9928	0.3728	0.1190
3.1	0.8475	0.9996	0.9992	0.9657	0.2412	0.9921	0.3946	0.1034
3.2	0.7272	0.9992	0.9987	0.9297	0.0717	0.9862	0.1441	0.0587
3.3	0.7154	0.9993	0.9988	0.9112	0.0977	0.9838	0.2150	0.0826
3.4	0.6306	0.9990	0.9984	0.8919	0.0637	0.9728	0.3221	0.0472
3.5	0.5256	0.9982	0.9946	0.8883	0.0438	0.9534	0.2102	0.0178
3.6	0.5058	0.9966	0.9758	0.6869	0.0295	0.9332	0.1267	0.0192
3.7	0.3570	0.9978	0.9839	0.1824	0.0508	0.9762	0.1543	0.0207
3.8	0.8634	0.9997	0.9985	0.3465	0.3894	0.9956	0.4022	0.1307
3.9	0.9681	0.9999	0.9998	0.8446	0.6387	0.9986	0.7494	0.1784
4.0	0.9787	0.9999	0.9998	0.9094	0.6885	0.9989	0.7879	0.2587
4.1	0.9781	0.9999	0.9998	0.9432	0.7435	0.9987	0.7756	0.2305
4.2	0.9689	0.9999	0.9999	0.9426	0.7308	0.9984	0.7313	0.1777
4.3	0.9355	0.9998	0.9998	0.9154	0.6968	0.9967	0.6015	0.0305
4.4	0.9371	0.9998	0.9997	0.9185	0.5650	0.9960	0.6840	0.0772
4.5	0.9175	0.9997	0.9996	0.8795	0.3688	0.9953	0.3690	0.0725
4.6	0.8625	0.9997	0.9994	0.8543	0.1707	0.9930	0.0346	0.0258
4.7	0.8278	0.9995	0.9992	0.8503	0.0266	0.9855	0.0467	0.0146
4.8	0.8374	0.9995	0.9990	0.8043	0.4635	0.9843	0.4341	0.2566
4.9	0.7516	0.9992	0.9961	0.7215	0.4258	0.9827	0.3255	0.2273
5.0	0.8174	0.9996	0.9971	0.5265	0.5534	0.9893	0.3926	0.1201
5.1	0.8952	0.9997	0.9994	0.7285	0.6599	0.9924	0.6377	0.4269
5.2	0.9028	0.9997	0.9996	0.8410	0.7905	0.9910	0.7833	0.5302
5.3	0.7227	0.9991	0.9982	0.7496	0.6024	0.9734	0.6006	0.3209
5.4	0.1718	0.9965	0.9924	0.5963	0.1705	0.8920	0.1767	0.1314
5.5	0.2306	0.9982	0.9938	0.6068	0.4207	0.9302	0.4774	0.1326
5.6	0.5491	0.9994	0.9984	0.7405	0.5656	0.9831	0.6259	0.3252
5.7	0.7079	0.9996	0.9992	0.3512	0.6645	0.9913	0.6715	0.4099
5.8	0.8187	0.9998	0.9996	0.1955	0.8069	0.9934	0.7512	0.6316
5.9	0.9019	0.9999	0.9999	0.7798	0.9115	0.9961	0.8898	0.7578
6.0	0.8394	0.9999	0.9999	0.8974	0.9167	0.9970	0.8947	0.7756
6.1	0.8478	0.9999	0.9999	0.9388	0.9076	0.9973	0.9152	0.8311
6.2	0.8860	0.9999	0.9999	0.9553	0.9423	0.9980	0.9580	0.8917
6.3	0.8825	0.9999	0.9999	0.9545	0.9564	0.9980	0.9621	0.9184
6.4	0.9269	0.9999	0.9999	0.9684	0.9632	0.9973	0.9645	0.9274
6.5	0.9520	0.9999	0.9997	0.9788	0.9677	0.9966	0.9663	0.9611
6.6	0.9499	0.9999	0.9997	0.9727	0.9594	0.9931	0.9570	0.9468
6.7	0.9345	0.9999	0.9995	0.9594	0.9515	0.9833	0.9493	0.9393
6.8	0.9384	0.9999	0.9991	0.9560	0.9373	0.9537	0.9303	0.9310
6.9	0.9224	0.9998	0.9982	0.9359	0.9108	0.8879	0.9105	0.9066
7.0	0.8791	0.9990	0.9934	0.8956	0.8668	0.8216	0.8669	0.8634
7.1	0.9140	0.9985	0.9902	0.9221	0.9156	0.9083	0.9143	0.9159
7.2	0.9128	0.9984	0.9809	0.9164	0.9180	0.9327	0.9185	0.9182
7.3	0.9428	0.9982	0.9773	0.9448	0.9459	0.9597	0.9463	0.9453
7.4	0.9555	0.9984	0.9760	0.9549	0.9552	0.9684	0.9541	0.9539
7.5	0.9640	0.9993	0.9843	0.9583	0.9670	0.9793	0.9666	0.9662
7.6	0.9923	0.9999	0.9976	0.9895	0.9933	0.9964	0.9932	0.9926
7.7	0.9958	0.9999	0.9985	0.9928	0.9965	0.9981	0.9964	0.9957
7.8	0.9990	0.9998	0.9995	0.9969	0.9982	0.9989	0.9980	0.9977
7.9	0.9981	0.9996	0.9997	0.9975	0.9959	0.9974	0.9949	0.9948

8.0	0.9961	0.9996	0.9995	0.9947	0.9942	0.9965	0.9933	0.9928
8.1	0.9990	0.9997	0.9998	0.9964	0.9966	0.9977	0.9961	0.9950
8.2	0.9986	0.9997	0.9998	0.9967	0.9961	0.9974	0.9952	0.9945
8.3	0.9988	0.9997	0.9998	0.9969	0.9960	0.9976	0.9949	0.9947
8.4	0.9985	0.9995	0.9996	0.9961	0.9949	0.9974	0.9944	0.9942
8.5	0.9991	0.9996	0.9998	0.9972	0.9969	0.9981	0.9964	0.9959
8.6	0.9986	0.9995	0.9998	0.9974	0.9954	0.9975	0.9948	0.9949
8.7	0.9985	0.9994	0.9998	0.9965	0.9962	0.9975	0.9957	0.9955
8.8	0.9984	0.9994	0.9998	0.9965	0.9969	0.9979	0.9967	0.9966
8.9	0.9967	0.9985	0.9996	0.9940	0.9933	0.9953	0.9929	0.9925
9.0	0.9910	0.9963	0.9995	0.9907	0.9855	0.9892	0.9851	0.9847
9.1	0.9923	0.9961	0.9993	0.9899	0.9857	0.9893	0.9852	0.9856
9.2	0.9865	0.9924	0.9989	0.9772	0.9792	0.9834	0.9788	0.9781
9.3	0.9775	0.9861	0.9983	0.9611	0.9693	0.9740	0.9691	0.9689
9.4	0.9446	0.9608	0.9959	0.9537	0.9336	0.9380	0.9340	0.9322
9.5	0.9326	0.9497	0.9962	0.9749	0.9333	0.9329	0.9353	0.9340
9.6	0.9470	0.9588	0.9979	0.9915	0.9605	0.9536	0.9628	0.9609
9.7	0.9503	0.9679	0.9988	0.9959	0.9659	0.9576	0.9694	0.9675
9.8	0.9461	0.9790	0.9991	0.9979	0.9682	0.9552	0.9739	0.9693
9.9	0.9669	0.9926	0.9996	0.9988	0.9832	0.9723	0.9860	0.9846
10.0	0.9687	0.9954	0.9996	0.9990	0.9794	0.9625	0.9843	0.9808
10.1	0.9758	0.9968	0.9996	0.9991	0.9684	0.9475	0.9786	0.9758
10.2	0.9879	0.9985	0.9997	0.9993	0.9750	0.9738	0.9825	0.9768
10.3	0.9943	0.9994	0.9998	0.9993	0.9831	0.9875	0.9874	0.9862
10.4	0.9945	0.9996	0.9999	0.9987	0.9882	0.9940	0.9906	0.9825
10.5	0.9961	0.9996	0.9998	0.9984	0.9866	0.9942	0.9910	0.9725
10.6	0.9962	0.9993	0.9998	0.9982	0.9712	0.9909	0.9802	0.9477
10.7	0.9956	0.9992	0.9998	0.9990	0.9523	0.9896	0.9579	0.9270
10.8	0.9967	0.9995	0.9998	0.9992	0.9527	0.9915	0.9434	0.9147
10.9	0.9972	0.9996	0.9997	0.9990	0.9644	0.9950	0.9455	0.9078
11.0	0.9966	0.9994	0.9996	0.9989	0.9706	0.9941	0.9514	0.9209
11.1	0.9978	0.9996	0.9997	0.9990	0.9861	0.9956	0.9697	0.9563
11.2	0.9982	0.9997	0.9998	0.9992	0.9891	0.9973	0.9787	0.9679
11.3	0.9987	0.9997	0.9998	0.9993	0.9902	0.9975	0.9827	0.9747
11.4	0.9984	0.9997	0.9997	0.9990	0.9910	0.9978	0.9876	0.9816
11.5	0.9987	0.9997	0.9998	0.9991	0.9946	0.9984	0.9924	0.9895
11.6	0.9981	0.9995	0.9996	0.9986	0.9926	0.9975	0.9892	0.9855
11.7	0.9989	0.9998	0.9997	0.9990	0.9956	0.9985	0.9946	0.9904
11.8	0.9985	0.9997	0.9996	0.9986	0.9957	0.9987	0.9943	0.9876
11.9	0.9983	0.9996	0.9997	0.9989	0.9966	0.9983	0.9948	0.9899
12.0	0.9988	0.9996	0.9997	0.9988	0.9973	0.9986	0.9962	0.9937
12.1	0.9989	0.9997	0.9997	0.9990	0.9974	0.9988	0.9962	0.9945
12.2	0.9991	0.9997	0.9996	0.9987	0.9974	0.9987	0.9969	0.9944
12.3	0.9990	0.9997	0.9995	0.9986	0.9979	0.9989	0.9971	0.9951
12.4	0.9988	0.9997	0.9996	0.9985	0.9977	0.9991	0.9972	0.9953
12.5	0.9990	0.9997	0.9995	0.9985	0.9978	0.9989	0.9973	0.9973
12.6	0.9990	0.9998	0.9997	0.9990	0.9986	0.9992	0.9975	0.9979
12.7	0.9991	0.9997	0.9996	0.9989	0.9983	0.9993	0.9975	0.9976
12.8	0.9992	0.9998	0.9997	0.9991	0.9988	0.9994	0.9977	0.9980
12.9	0.9989	0.9997	0.9997	0.9990	0.9982	0.9990	0.9968	0.9982
13.0	0.9988	0.9996	0.9996	0.9989	0.9978	0.9988	0.9970	0.9971
13.1	0.9986	0.9996	0.9996	0.9989	0.9977	0.9988	0.9972	0.9959
13.2	0.9992	0.9997	0.9996	0.9991	0.9986	0.9992	0.9984	0.9970
13.3	0.9989	0.9995	0.9992	0.9982	0.9981	0.9988	0.9983	0.9962
13.4	0.9990	0.9996	0.9994	0.9985	0.9983	0.9989	0.9985	0.9972
13.5	0.9988	0.9996	0.9994	0.9985	0.9983	0.9988	0.9983	0.9976
13.6	0.9991	0.9997	0.9993	0.9983	0.9990	0.9992	0.9989	0.9981
13.7	0.9990	0.9997	0.9994	0.9985	0.9989	0.9992	0.9989	0.9977
13.8	0.9989	0.9996	0.9993	0.9984	0.9987	0.9992	0.9986	0.9976
13.9	0.9989	0.9996	0.9992	0.9982	0.9985	0.9990	0.9984	0.9978
14.0	0.9983	0.9993	0.9988	0.9977	0.9978	0.9982	0.9977	0.9967
14.1	0.9988	0.9995	0.9990	0.9979	0.9986	0.9989	0.9984	0.9976
14.2	0.9986	0.9994	0.9984	0.9972	0.9982	0.9987	0.9981	0.9972
14.3	0.9984	0.9992	0.9981	0.9968	0.9976	0.9984	0.9973	0.9971
14.4	0.9991	0.9995	0.9985	0.9976	0.9986	0.9991	0.9986	0.9984
14.5	0.9984	0.9991	0.9976	0.9964	0.9981	0.9984	0.9976	0.9975
14.6	0.9982	0.9989	0.9978	0.9966	0.9977	0.9980	0.9974	0.9973
14.7	0.9988	0.9993	0.9985	0.9977	0.9983	0.9986	0.9981	0.9979
14.8	0.9979	0.9986	0.9978	0.9970	0.9973	0.9979	0.9968	0.9963
14.9	0.9981	0.9987	0.9984	0.9980	0.9971	0.9979	0.9945	0.9971
15.0	0.9979	0.9986	0.9971	0.9960	0.9969	0.9973	0.9945	0.9966
15.1	0.9981	0.9987	0.9966	0.9954	0.9971	0.9975	0.9968	0.9967
15.2	0.9973	0.9982	0.9945	0.9926	0.9959	0.9966	0.9953	0.9961
15.3	0.9971	0.9981	0.9904	0.9875	0.9961	0.9963	0.9956	0.9959
15.4	0.9970	0.9980	0.9882	0.9854	0.9966	0.9970	0.9962	0.9961
15.5	0.9976	0.9983	0.9897	0.9876	0.9973	0.9976	0.9970	0.9971
15.6	0.9956	0.9967	0.9778	0.9747	0.9950	0.9960	0.9944	0.9958
15.7	0.9947	0.9963	0.9822	0.9804	0.9948	0.9960	0.9944	0.9950
15.8	0.9910	0.9934	0.9745	0.9728	0.9909	0.9928	0.9913	0.9906
15.9	0.9900	0.9921	0.9741	0.9732	0.9894	0.9913	0.9901	0.9894
16.0	0.9927	0.9941	0.9771	0.9769	0.9922	0.9935	0.9927	0.9924
16.1	0.9941	0.9952	0.9850	0.9854	0.9939	0.9947	0.9944	0.9938
16.2	0.9904	0.9920	0.9798	0.9810	0.9897	0.9908	0.9905	0.9897
16.3	0.9921	0.9931	0.9882	0.9888	0.9915	0.9919	0.9919	0.9912
16.4	0.9852	0.9869	0.9884	0.9889	0.9838	0.9845	0.9842	0.9832
16.5	0.9817	0.9833	0.9894	0.9888	0.9799	0.9807	0.9801	0.9796

16.6	0.9876	0.9887	0.9918	0.9910	0.9865	0.9869	0.9864	0.9862
16.7	0.9893	0.9900	0.9949	0.9948	0.9885	0.9885	0.9884	0.9882
16.8	0.9803	0.9810	0.9862	0.9878	0.9793	0.9791	0.9792	0.9788
16.9	0.9779	0.9778	0.9835	0.9859	0.9764	0.9765	0.9762	0.9757
17.0	0.9846	0.9842	0.9947	0.9951	0.9837	0.9835	0.9836	0.9833
17.1	0.9907	0.9903	0.9872	0.9863	0.9896	0.9895	0.9894	0.9889
17.2	0.9880	0.9877	0.9815	0.9837	0.9886	0.9883	0.9887	0.9887
17.3	0.9855	0.9843	0.9863	0.9890	0.9858	0.9855	0.9859	0.9861
17.4	0.9930	0.9919	0.9948	0.9960	0.9926	0.9924	0.9925	0.9926
17.5	0.9953	0.9944	0.9978	0.9983	0.9952	0.9950	0.9952	0.9951
17.6	0.9938	0.9928	0.9959	0.9973	0.9941	0.9939	0.9942	0.9939
17.7	0.9936	0.9923	0.9960	0.9975	0.9942	0.9941	0.9944	0.9943
17.8	0.9954	0.9944	0.9985	0.9991	0.9960	0.9958	0.9961	0.9961
17.9	0.9959	0.9949	0.9988	0.9992	0.9966	0.9964	0.9968	0.9967
18.0	0.9961	0.9950	0.9984	0.9989	0.9968	0.9966	0.9971	0.9970
18.1	0.9955	0.9941	0.9974	0.9985	0.9963	0.9960	0.9966	0.9964
18.2	0.9971	0.9958	0.9980	0.9989	0.9975	0.9973	0.9977	0.9976
18.3	0.9980	0.9970	0.9985	0.9992	0.9983	0.9982	0.9983	0.9983
18.4	0.9982	0.9973	0.9982	0.9992	0.9985	0.9984	0.9986	0.9986
18.5	0.9986	0.9979	0.9980	0.9993	0.9988	0.9988	0.9989	0.9989
18.6	0.9975	0.9970	0.9980	0.9993	0.9982	0.9980	0.9984	0.9983
18.7	0.9972	0.9967	0.9985	0.9992	0.9983	0.9980	0.9984	0.9983
18.8	0.9979	0.9971	0.9980	0.9988	0.9985	0.9983	0.9985	0.9986
18.9	0.9987	0.9981	0.9984	0.9991	0.9992	0.9990	0.9991	0.9992
19.0	0.9989	0.9984	0.9986	0.9993	0.9993	0.9991	0.9993	0.9993
19.1	0.9990	0.9985	0.9988	0.9993	0.9994	0.9993	0.9993	0.9994
19.2	0.9991	0.9987	0.9987	0.9994	0.9995	0.9994	0.9995	0.9995
19.3	0.9991	0.9986	0.9985	0.9992	0.9995	0.9994	0.9994	0.9995
19.4	0.9993	0.9990	0.9988	0.9994	0.9996	0.9995	0.9996	0.9996
19.5	0.9992	0.9988	0.9987	0.9994	0.9996	0.9994	0.9995	0.9995
19.6	0.9990	0.9983	0.9986	0.9993	0.9995	0.9994	0.9993	0.9995
19.7	0.9992	0.9987	0.9987	0.9995	0.9995	0.9994	0.9993	0.9995
19.8	0.9995	0.9990	0.9990	0.9996	0.9995	0.9995	0.9994	0.9995
19.9	0.9991	0.9983	0.9986	0.9995	0.9995	0.9994	0.9993	0.9994
20.0	0.9996	0.9990	0.9988	0.9995	0.9996	0.9995	0.9993	0.9995
20.1	0.9994	0.9987	0.9986	0.9994	0.9992	0.9992	0.9991	0.9992
20.2	0.9995	0.9989	0.9986	0.9994	0.9992	0.9992	0.9991	0.9991
20.3	0.9995	0.9992	0.9988	0.9995	0.9993	0.9992	0.9991	0.9991
20.4	0.9996	0.9993	0.9991	0.9996	0.9992	0.9992	0.9990	0.9989
20.5	0.9996	0.9993	0.9991	0.9996	0.9994	0.9993	0.9992	0.9988
20.6	0.9995	0.9990	0.9984	0.9994	0.9989	0.9989	0.9986	0.9985
20.7	0.9996	0.9991	0.9985	0.9995	0.9984	0.9983	0.9980	0.9978
20.8	0.9995	0.9991	0.9987	0.9996	0.9988	0.9986	0.9985	0.9983
20.9	0.9995	0.9990	0.9985	0.9995	0.9989	0.9987	0.9985	0.9981
21.0	0.9996	0.9992	0.9988	0.9996	0.9990	0.9988	0.9984	0.9982
21.1	0.9997	0.9993	0.9990	0.9996	0.9992	0.9991	0.9989	0.9982
21.2	0.9997	0.9992	0.9987	0.9996	0.9991	0.9989	0.9987	0.9978
21.3	0.9997	0.9992	0.9989	0.9996	0.9993	0.9991	0.9987	0.9981
21.4	0.9997	0.9993	0.9989	0.9996	0.9993	0.9992	0.9990	0.9982
21.5	0.9998	0.9994	0.9992	0.9997	0.9991	0.9990	0.9991	0.9973
21.6	0.9996	0.9991	0.9988	0.9996	0.9992	0.9991	0.9987	0.9974
21.7	0.9995	0.9989	0.9989	0.9996	0.9991	0.9991	0.9988	0.9972
21.8	0.9996	0.9991	0.9987	0.9995	0.9992	0.9990	0.9990	0.9971
21.9	0.9997	0.9992	0.9986	0.9996	0.9994	0.9994	0.9989	0.9981
22.0	0.9997	0.9991	0.9984	0.9996	0.9993	0.9993	0.9988	0.9980
22.1	0.9996	0.9991	0.9979	0.9995	0.9994	0.9993	0.9987	0.9980
22.2	0.9997	0.9992	0.9979	0.9996	0.9995	0.9994	0.9991	0.9981
22.3	0.9997	0.9991	0.9975	0.9996	0.9993	0.9993	0.9986	0.9980
22.4	0.9997	0.9991	0.9976	0.9995	0.9994	0.9993	0.9991	0.9984
22.5	0.9997	0.9991	0.9978	0.9995	0.9995	0.9994	0.9992	0.9986
22.6	0.9997	0.9993	0.9971	0.9995	0.9996	0.9996	0.9994	0.9987
22.7	0.9997	0.9992	0.9970	0.9994	0.9996	0.9995	0.9992	0.9989
22.8	0.9997	0.9993	0.9963	0.9994	0.9995	0.9993	0.9990	0.9990
22.9	0.9997	0.9991	0.9961	0.9993	0.9996	0.9995	0.9992	0.9990
23.0	0.9998	0.9992	0.9971	0.9994	0.9997	0.9995	0.9993	0.9993
23.1	0.9998	0.9992	0.9970	0.9994	0.9997	0.9996	0.9995	0.9992
23.2	0.9997	0.9991	0.9968	0.9994	0.9998	0.9996	0.9994	0.9992
23.3	0.9997	0.9989	0.9955	0.9994	0.9996	0.9993	0.9992	0.9990
23.4	0.9996	0.9988	0.9965	0.9993	0.9996	0.9993	0.9993	0.9988
23.5	0.9997	0.9989	0.9970	0.9994	0.9996	0.9995	0.9995	0.9991
23.6	0.9997	0.9989	0.9972	0.9995	0.9996	0.9995	0.9995	0.9991
23.7	0.9997	0.9989	0.9978	0.9996	0.9997	0.9995	0.9995	0.9991
23.8	0.9996	0.9990	0.9978	0.9996	0.9998	0.9996	0.9996	0.9990
23.9	0.9997	0.9991	0.9979	0.9995	0.9998	0.9996	0.9996	0.9991
24.0	0.9998	0.9990	0.9973	0.9995	0.9997	0.9995	0.9996	0.9993
24.1	0.9997	0.9987	0.9972	0.9994	0.9997	0.9996	0.9996	0.9992
24.2	0.9997	0.9987	0.9979	0.9994	0.9997	0.9995	0.9995	0.9991
24.3	0.9997	0.9990	0.9973	0.9996	0.9996	0.9995	0.9995	0.9991
24.4	0.9997	0.9990	0.9977	0.9997	0.9997	0.9995	0.9996	0.9992
24.5	0.9997	0.9989	0.9974	0.9996	0.9996	0.9995	0.9996	0.9991
24.6	0.9997	0.9986	0.9978	0.9995	0.9996	0.9994	0.9996	0.9990
24.7	0.9996	0.9986	0.9969	0.9995	0.9996	0.9994	0.9997	0.9988
24.8	0.9995	0.9981	0.9960	0.9993	0.9996	0.9993	0.9995	0.9987
24.9	0.9996	0.9982	0.9971	0.9994	0.9996	0.9993	0.9995	0.9990
25.0	0.9997	0.9987	0.9971	0.9996	0.9996	0.9992	0.9996	0.9991
25.1	0.9997	0.9984	0.9967	0.9995	0.9996	0.9994	0.9997	0.9992

25.2	0.9997	0.9990	0.9976	0.9996	0.9997	0.9995	0.9997	0.9993
25.3	0.9997	0.9988	0.9975	0.9997	0.9997	0.9995	0.9997	0.9993
25.4	0.9996	0.9984	0.9963	0.9995	0.9996	0.9993	0.9996	0.9990
25.5	0.9996	0.9980	0.9967	0.9995	0.9996	0.9993	0.9996	0.9990
25.6	0.9996	0.9976	0.9962	0.9993	0.9996	0.9993	0.9995	0.9990
25.7	0.9997	0.9975	0.9970	0.9994	0.9996	0.9992	0.9995	0.9992
25.8	0.9997	0.9977	0.9967	0.9994	0.9996	0.9991	0.9995	0.9992
25.9	0.9996	0.9983	0.9958	0.9994	0.9996	0.9992	0.9995	0.9990
26.0	0.9996	0.9983	0.9969	0.9996	0.9996	0.9993	0.9995	0.9991
26.1	0.9995	0.9982	0.9967	0.9992	0.9995	0.9992	0.9994	0.9989
26.2	0.9995	0.9970	0.9952	0.9990	0.9994	0.9990	0.9992	0.9989
26.3	0.9997	0.9981	0.9966	0.9994	0.9996	0.9994	0.9996	0.9992
26.4	0.9996	0.9983	0.9961	0.9994	0.9995	0.9992	0.9995	0.9991
26.5	0.9996	0.9984	0.9966	0.9994	0.9996	0.9992	0.9996	0.9993
26.6	0.9996	0.9986	0.9970	0.9995	0.9996	0.9993	0.9995	0.9991
26.7	0.9996	0.9987	0.9959	0.9995	0.9994	0.9992	0.9993	0.9991
26.8	0.9997	0.9988	0.9973	0.9996	0.9996	0.9994	0.9996	0.9992
26.9	0.9997	0.9987	0.9966	0.9995	0.9998	0.9995	0.9997	0.9992
27.0	0.9997	0.9984	0.9957	0.9994	0.9996	0.9993	0.9996	0.9989
27.1	0.9997	0.9981	0.9934	0.9993	0.9996	0.9992	0.9995	0.9991
27.2	0.9995	0.9976	0.9918	0.9991	0.9996	0.9992	0.9994	0.9989
27.3	0.9996	0.9982	0.9925	0.9992	0.9996	0.9992	0.9996	0.9986
27.4	0.9996	0.9980	0.9920	0.9992	0.9996	0.9992	0.9994	0.9988
27.5	0.9996	0.9983	0.9935	0.9993	0.9997	0.9994	0.9996	0.9991
27.6	0.9996	0.9986	0.9922	0.9992	0.9996	0.9995	0.9996	0.9992
27.7	0.9997	0.9987	0.9910	0.9993	0.9996	0.9996	0.9996	0.9990
27.8	0.9997	0.9987	0.9888	0.9993	0.9997	0.9995	0.9997	0.9991
27.9	0.9998	0.9986	0.9865	0.9992	0.9998	0.9995	0.9996	0.9994
28.0	0.9997	0.9987	0.9822	0.9989	0.9996	0.9996	0.9996	0.9992
28.1	0.9996	0.9987	0.9756	0.9988	0.9997	0.9995	0.9997	0.9990
28.2	0.9996	0.9983	0.9687	0.9990	0.9995	0.9994	0.9996	0.9988
28.3	0.9997	0.9986	0.9689	0.9993	0.9997	0.9996	0.9997	0.9993
28.4	0.9997	0.9987	0.9584	0.9993	0.9998	0.9996	0.9997	0.9995
28.5	0.9995	0.9977	0.9277	0.9989	0.9995	0.9992	0.9995	0.9989
28.6	0.9995	0.9973	0.9006	0.9988	0.9995	0.9993	0.9996	0.9988
28.7	0.9996	0.9979	0.8846	0.9989	0.9995	0.9995	0.9996	0.9990
28.8	0.9996	0.9980	0.8428	0.9991	0.9996	0.9996	0.9997	0.9993
28.9	0.9996	0.9981	0.8264	0.9992	0.9995	0.9996	0.9996	0.9993
29.0	0.9994	0.9970	0.8120	0.9990	0.9995	0.9996	0.9996	0.9992
29.1	0.9994	0.9975	0.8246	0.9991	0.9995	0.9994	0.9995	0.9990
29.2	0.9994	0.9963	0.8290	0.9992	0.9993	0.9994	0.9995	0.9988
29.3	0.9995	0.9967	0.9250	0.9994	0.9995	0.9996	0.9996	0.9993
29.4	0.9995	0.9970	0.9225	0.9994	0.9996	0.9996	0.9997	0.9993
29.5	0.9995	0.9970	0.9434	0.9995	0.9995	0.9996	0.9996	0.9993
29.6	0.9996	0.9970	0.9629	0.9994	0.9995	0.9996	0.9996	0.9992
29.7	0.9995	0.9959	0.9656	0.9993	0.9995	0.9996	0.9996	0.9992
29.8	0.9994	0.9952	0.9758	0.9993	0.9995	0.9995	0.9995	0.9993
29.9	0.9977	0.9888	0.9484	0.9987	0.9990	0.9992	0.9991	0.9987
30.0	0.9980	0.9903	0.9701	0.9991	0.9992	0.9992	0.9994	0.9989
30.1	0.9994	0.9964	0.9859	0.9995	0.9996	0.9995	0.9996	0.9991
30.2	0.9993	0.9953	0.9834	0.9991	0.9994	0.9994	0.9995	0.9986
30.3	0.9993	0.9956	0.9802	0.9990	0.9993	0.9992	0.9993	0.9988
30.4	0.9995	0.9940	0.9837	0.9993	0.9994	0.9992	0.9994	0.9987
30.5	0.9993	0.9937	0.9828	0.9994	0.9992	0.9993	0.9993	0.9983
30.6	0.9990	0.9916	0.9839	0.9992	0.9994	0.9991	0.9993	0.9987
30.7	0.9990	0.9924	0.9880	0.9991	0.9993	0.9992	0.9993	0.9987
30.8	0.9993	0.9921	0.9904	0.9991	0.9994	0.9993	0.9994	0.9990
30.9	0.9994	0.9924	0.9906	0.9991	0.9996	0.9993	0.9993	0.9990
31.0	0.9989	0.9914	0.9903	0.9991	0.9992	0.9990	0.9988	0.9984
31.1	0.9989	0.9865	0.9916	0.9988	0.9987	0.9987	0.9988	0.9977
31.2	0.9990	0.9880	0.9909	0.9988	0.9987	0.9985	0.9987	0.9974
31.3	0.9991	0.9910	0.9922	0.9991	0.9993	0.9991	0.9991	0.9980
31.4	0.9993	0.9891	0.9903	0.9991	0.9994	0.9992	0.9991	0.9977
31.5	0.9992	0.9836	0.9902	0.9988	0.9992	0.9992	0.9988	0.9972
31.6	0.9987	0.9827	0.9877	0.9984	0.9991	0.9989	0.9985	0.9967
31.7	0.9989	0.9889	0.9910	0.9988	0.9993	0.9990	0.9984	0.9967
31.8	0.9992	0.9921	0.9925	0.9988	0.9994	0.9993	0.9982	0.9974
31.9	0.9991	0.9910	0.9929	0.9987	0.9994	0.9990	0.9975	0.9973
32.0	0.9990	0.9882	0.9920	0.9982	0.9989	0.9987	0.9968	0.9958
32.1	0.9988	0.9894	0.9913	0.9981	0.9985	0.9983	0.9954	0.9951
32.2	0.9986	0.9881	0.9896	0.9982	0.9986	0.9983	0.9955	0.9956
32.3	0.9983	0.9891	0.9862	0.9966	0.9989	0.9987	0.9939	0.9950
32.4	0.9985	0.9924	0.9898	0.9974	0.9991	0.9987	0.9949	0.9961
32.5	0.9986	0.9927	0.9908	0.9982	0.9989	0.9987	0.9944	0.9970
32.6	0.9987	0.9922	0.9920	0.9980	0.9987	0.9986	0.9958	0.9970
32.7	0.9989	0.9922	0.9918	0.9978	0.9992	0.9988	0.9964	0.9972
32.8	0.9986	0.9911	0.9904	0.9976	0.9989	0.9987	0.9960	0.9972
32.9	0.9977	0.9890	0.9897	0.9970	0.9982	0.9980	0.9956	0.9961
33.0	0.9976	0.9900	0.9894	0.9968	0.9982	0.9972	0.9969	0.9953
33.1	0.9975	0.9922	0.9877	0.9973	0.9978	0.9969	0.9972	0.9953
33.2	0.9984	0.9943	0.9932	0.9979	0.9983	0.9975	0.9977	0.9968
33.3	0.9979	0.9933	0.9898	0.9979	0.9980	0.9974	0.9967	0.9970
33.4	0.9985	0.9945	0.9881	0.9977	0.9983	0.9979	0.9972	0.9975
33.5	0.9978	0.9940	0.9895	0.9982	0.9980	0.9973	0.9970	0.9969
33.6	0.9976	0.9942	0.9895	0.9982	0.9983	0.9973	0.9975	0.9969
33.7	0.9963	0.9924	0.9791	0.9963	0.9975	0.9959	0.9966	0.9953

33.8	0.9958	0.9908	0.9742	0.9945	0.9970	0.9948	0.9953	0.9941
33.9	0.9969	0.9922	0.9796	0.9958	0.9979	0.9965	0.9962	0.9965
34.0	0.9964	0.9905	0.9783	0.9961	0.9970	0.9955	0.9953	0.9954
34.1	0.9947	0.9908	0.9708	0.9934	0.9960	0.9935	0.9940	0.9934
34.2	0.9945	0.9895	0.9759	0.9939	0.9957	0.9931	0.9936	0.9930
34.3	0.9956	0.9904	0.9803	0.9950	0.9966	0.9946	0.9946	0.9949
34.4	0.9969	0.9940	0.9848	0.9964	0.9978	0.9966	0.9964	0.9969
34.5	0.9967	0.9936	0.9820	0.9951	0.9978	0.9967	0.9961	0.9971
34.6	0.9968	0.9943	0.9841	0.9952	0.9980	0.9969	0.9965	0.9972
34.7	0.9972	0.9947	0.9861	0.9962	0.9984	0.9973	0.9974	0.9979
34.8	0.9964	0.9944	0.9870	0.9968	0.9981	0.9968	0.9968	0.9976
34.9	0.9971	0.9949	0.9860	0.9964	0.9985	0.9977	0.9972	0.9982
35.0	0.9973	0.9956	0.9841	0.9965	0.9988	0.9982	0.9978	0.9985
35.1	0.9959	0.9945	0.9780	0.9945	0.9980	0.9971	0.9968	0.9976
35.2	0.9967	0.9935	0.9877	0.9962	0.9985	0.9978	0.9973	0.9983
35.3	0.9965	0.9928	0.9832	0.9957	0.9984	0.9976	0.9969	0.9986
35.4	0.9963	0.9929	0.9763	0.9957	0.9985	0.9977	0.9969	0.9987
35.5	0.9970	0.9946	0.9805	0.9967	0.9986	0.9978	0.9973	0.9983
35.6	0.9977	0.9951	0.9827	0.9968	0.9989	0.9983	0.9981	0.9988
35.7	0.9957	0.9916	0.9717	0.9955	0.9982	0.9975	0.9965	0.9984
35.8	0.9968	0.9934	0.9714	0.9956	0.9983	0.9978	0.9972	0.9984
35.9	0.9968	0.9933	0.9609	0.9952	0.9982	0.9976	0.9968	0.9983
36.0	0.9971	0.9930	0.9658	0.9944	0.9984	0.9979	0.9971	0.9985
36.1	0.9969	0.9943	0.9716	0.9950	0.9984	0.9978	0.9969	0.9984
36.2	0.9966	0.9943	0.9778	0.9958	0.9983	0.9976	0.9963	0.9983
36.3	0.9977	0.9953	0.9819	0.9973	0.9988	0.9983	0.9976	0.9985
36.4	0.9980	0.9954	0.9748	0.9953	0.9989	0.9987	0.9977	0.9987
36.5	0.9974	0.9952	0.9709	0.9955	0.9985	0.9982	0.9969	0.9983
36.6	0.9974	0.9960	0.9764	0.9971	0.9986	0.9982	0.9971	0.9986
36.7	0.9981	0.9957	0.9651	0.9964	0.9988	0.9984	0.9971	0.9987
36.8	0.9986	0.9962	0.9718	0.9969	0.9988	0.9988	0.9975	0.9985
36.9	0.9975	0.9951	0.9719	0.9972	0.9984	0.9982	0.9965	0.9980
37.0	0.9973	0.9942	0.9609	0.9967	0.9985	0.9982	0.9960	0.9982
37.1	0.9971	0.9941	0.9600	0.9966	0.9982	0.9979	0.9955	0.9981
37.2	0.9974	0.9941	0.9508	0.9957	0.9976	0.9975	0.9951	0.9973
37.3	0.9972	0.9949	0.9447	0.9961	0.9975	0.9973	0.9955	0.9969
37.4	0.9979	0.9965	0.9494	0.9976	0.9981	0.9979	0.9965	0.9976
37.5	0.9979	0.9968	0.9581	0.9972	0.9985	0.9983	0.9963	0.9979
37.6	0.9979	0.9960	0.9607	0.9973	0.9981	0.9980	0.9953	0.9973
37.7	0.9960	0.9946	0.9520	0.9970	0.9966	0.9964	0.9942	0.9947
37.8	0.9968	0.9959	0.9483	0.9975	0.9974	0.9972	0.9946	0.9963
37.9	0.9953	0.9946	0.9279	0.9965	0.9966	0.9966	0.9931	0.9947
38.0	0.9963	0.9952	0.9250	0.9968	0.9973	0.9972	0.9932	0.9962
38.1	0.9954	0.9956	0.9085	0.9964	0.9968	0.9967	0.9928	0.9955
38.2	0.9957	0.9952	0.9274	0.9950	0.9973	0.9972	0.9937	0.9960
38.3	0.9950	0.9942	0.9317	0.9955	0.9980	0.9979	0.9939	0.9969
38.4	0.9954	0.9935	0.9098	0.9958	0.9974	0.9974	0.9922	0.9962
38.5	0.9963	0.9947	0.9400	0.9964	0.9981	0.9980	0.9935	0.9976
38.6	0.9955	0.9962	0.9322	0.9966	0.9976	0.9976	0.9944	0.9972
38.7	0.9964	0.9966	0.8997	0.9958	0.9979	0.9979	0.9949	0.9979
38.8	0.9953	0.9953	0.8826	0.9947	0.9974	0.9974	0.9942	0.9971
38.9	0.9946	0.9936	0.8086	0.9942	0.9967	0.9970	0.9917	0.9972
39.0	0.9936	0.9935	0.5900	0.9956	0.9969	0.9971	0.9930	0.9972
39.1	0.9951	0.9958	0.4644	0.9965	0.9983	0.9983	0.9956	0.9983
39.2	0.9954	0.9946	0.3856	0.9939	0.9974	0.9973	0.9931	0.9976
39.3	0.9930	0.9949	0.6799	0.9943	0.9975	0.9977	0.9943	0.9981
39.4	0.9893	0.9931	0.7662	0.9937	0.9962	0.9965	0.9913	0.9979
39.5	0.9867	0.9921	0.7630	0.9950	0.9966	0.9962	0.9922	0.9984
39.6	0.9818	0.9907	0.6265	0.9959	0.9962	0.9958	0.9934	0.9969
39.7	0.9800	0.9877	0.6484	0.9928	0.9955	0.9950	0.9918	0.9953
39.8	0.9720	0.9901	0.7896	0.9901	0.9963	0.9961	0.9931	0.9973
39.9	0.9701	0.9913	0.8317	0.9910	0.9961	0.9960	0.9927	0.9977
40.0	0.9630	0.9903	0.8735	0.9931	0.9955	0.9952	0.9923	0.9971
40.1	0.9632	0.9885	0.8913	0.9933	0.9956	0.9952	0.9927	0.9974
40.2	0.9360	0.9892	0.8830	0.9921	0.9941	0.9936	0.9904	0.9966
40.3	0.8862	0.9861	0.8641	0.9894	0.9933	0.9927	0.9894	0.9960
40.4	0.8218	0.9835	0.8340	0.9897	0.9927	0.9919	0.9897	0.9950
40.5	0.7874	0.9831	0.8197	0.9903	0.9931	0.9920	0.9901	0.9946
40.6	0.7456	0.9856	0.8283	0.9916	0.9945	0.9934	0.9920	0.9956
40.7	0.7053	0.9792	0.7647	0.9902	0.9919	0.9908	0.9876	0.9943
40.8	0.6538	0.9676	0.7385	0.9869	0.9887	0.9865	0.9809	0.9921
40.9	0.6539	0.9689	0.7704	0.9899	0.9880	0.9865	0.9809	0.9927
41.0	0.7606	0.9679	0.7064	0.9836	0.9841	0.9830	0.9748	0.9914
41.1	0.8757	0.9779	0.7742	0.9888	0.9908	0.9897	0.9834	0.9951
41.2	0.8817	0.9736	0.7769	0.9885	0.9885	0.9873	0.9809	0.9935
41.3	0.9125	0.9681	0.7576	0.9872	0.9851	0.9827	0.9759	0.9910
41.4	0.9191	0.9628	0.7130	0.9812	0.9839	0.9804	0.9726	0.9904
41.5	0.9495	0.9536	0.6864	0.9806	0.9811	0.9780	0.9671	0.9891
41.6	0.9616	0.9524	0.6387	0.9855	0.9844	0.9807	0.9722	0.9907
41.7	0.9315	0.9526	0.6499	0.9881	0.9815	0.9784	0.9669	0.9909
41.8	0.9339	0.9172	0.5941	0.9817	0.9636	0.9567	0.9310	0.9831
41.9	0.9590	0.9330	0.6122	0.9862	0.9712	0.9663	0.9436	0.9879
42.0	0.9712	0.9416	0.6179	0.9860	0.9737	0.9714	0.9493	0.9884
42.1	0.9768	0.9331	0.5164	0.9833	0.9684	0.9680	0.9358	0.9875
42.2	0.9753	0.9076	0.4005	0.9734	0.9578	0.9574	0.9115	0.9815
42.3	0.9839	0.9215	0.5757	0.9864	0.9656	0.9652	0.9211	0.9873

42.4	0.9780	0.8774	0.5711	0.9854	0.9484	0.9460	0.8921	0.9809
42.5	0.9610	0.8016	0.5569	0.9791	0.9160	0.9123	0.8371	0.9645
42.6	0.9756	0.8577	0.6656	0.9851	0.9359	0.9361	0.8690	0.9726
42.7	0.9815	0.8361	0.5696	0.9860	0.9310	0.9248	0.8609	0.9642
42.8	0.9807	0.8589	0.6188	0.9873	0.9411	0.9352	0.8934	0.9654
42.9	0.9784	0.8720	0.6204	0.9868	0.9399	0.9308	0.8848	0.9669
43.0	0.9690	0.8152	0.6033	0.9783	0.9116	0.9015	0.8482	0.9468
43.1	0.9796	0.8084	0.6652	0.9796	0.9007	0.8917	0.8377	0.9425
43.2	0.9867	0.8296	0.6877	0.9831	0.9076	0.8994	0.8498	0.9426
43.3	0.9886	0.8115	0.6349	0.9795	0.9077	0.9004	0.8501	0.9425
43.4	0.9888	0.8430	0.6884	0.9798	0.9339	0.9315	0.9002	0.9554
43.5	0.9852	0.8306	0.5817	0.9835	0.9289	0.9215	0.8740	0.9602
43.6	0.9823	0.8246	0.6364	0.9840	0.9251	0.9162	0.8676	0.9597
43.7	0.9871	0.8298	0.7148	0.9833	0.9261	0.9147	0.8756	0.9589
43.8	0.9897	0.8210	0.6796	0.9787	0.9123	0.8980	0.8644	0.9462
43.9	0.9884	0.7794	0.5984	0.9773	0.9095	0.8956	0.8652	0.9441
44.0	0.9887	0.7135	0.3936	0.9656	0.8919	0.8749	0.8386	0.9338
44.1	0.9865	0.7219	0.3768	0.9541	0.8696	0.8491	0.8145	0.9145
44.2	0.9865	0.7094	0.2675	0.9504	0.8536	0.8250	0.7638	0.9085
44.3	0.9835	0.5609	0.0969	0.9284	0.7956	0.7513	0.6676	0.8778
44.4	0.9816	0.5081	0.2582	0.9355	0.7968	0.7431	0.6810	0.8732
44.5	0.9847	0.4820	0.2542	0.9432	0.8199	0.7794	0.7268	0.8906
44.6	0.9885	0.3021	0.2957	0.9200	0.7224	0.6818	0.6106	0.8301
44.7	0.9870	0.3003	0.4258	0.9262	0.7476	0.6990	0.6438	0.8528
44.8	0.9892	0.4118	0.5340	0.9349	0.8139	0.7562	0.7221	0.8795
44.9	0.9860	0.2685	0.1990	0.9380	0.7077	0.6428	0.5802	0.8080
45.0	0.9872	0.2314	0.1238	0.9525	0.7034	0.6318	0.5513	0.8227
45.1	0.9903	0.2415	0.3603	0.9481	0.7312	0.6598	0.6011	0.8293
45.2	0.9896	0.1286	0.3481	0.9473	0.6918	0.6108	0.5642	0.8045
45.3	0.9846	0.1756	0.4560	0.9238	0.7220	0.6550	0.6492	0.8241
45.4	0.9848	0.1445	0.4212	0.9460	0.7805	0.7204	0.6951	0.8713
45.5	0.9907	0.1142	0.2567	0.9472	0.8055	0.7361	0.6832	0.8837
45.6	0.9899	0.1893	0.1642	0.9433	0.7619	0.6943	0.6579	0.8511
45.7	0.9850	0.1124	0.0336	0.9325	0.7246	0.6385	0.6313	0.8196
45.8	0.9859	0.2054	0.0330	0.9364	0.7813	0.7031	0.7052	0.8491
45.9	0.9872	0.1187	0.1473	0.9443	0.8204	0.7568	0.7547	0.8697
46.0	0.9868	0.0634	0.3321	0.9311	0.8261	0.7650	0.7464	0.8716
46.1	0.9785	0.0177	0.4274	0.8531	0.7549	0.6798	0.7014	0.7657
46.2	0.9774	0.0528	0.2865	0.8710	0.7901	0.6914	0.7627	0.7614
46.3	0.9831	0.0223	0.2674	0.9096	0.8451	0.7472	0.8026	0.8045
46.4	0.9889	0.0467	0.4305	0.9330	0.8777	0.8238	0.8406	0.8645
46.5	0.9853	0.1483	0.4436	0.9075	0.8709	0.8004	0.8033	0.8478
46.6	0.9863	0.2991	0.4644	0.9038	0.8866	0.8100	0.7816	0.8181
46.7	0.9892	0.2203	0.5254	0.9052	0.8867	0.8202	0.8118	0.7882
46.8	0.9871	0.2061	0.5583	0.9178	0.8885	0.8340	0.8410	0.7286
46.9	0.9871	0.2881	0.4857	0.9457	0.8998	0.8702	0.8088	0.6839
47.0	0.9881	0.3522	0.4742	0.9620	0.9333	0.8970	0.8724	0.7255
47.1	0.9894	0.5208	0.3665	0.9627	0.9415	0.9075	0.8932	0.7041
47.2	0.9905	0.5220	0.2981	0.9510	0.9488	0.9340	0.9043	0.7704
47.3	0.9890	0.6181	0.1048	0.9290	0.9450	0.9310	0.8948	0.7317
47.4	0.9853	0.6536	0.0365	0.9087	0.9192	0.9134	0.8255	0.5847
47.5	0.9827	0.6440	0.0686	0.9042	0.9296	0.9274	0.8425	0.6792
47.6	0.9804	0.6457	0.1571	0.9220	0.9238	0.9132	0.8718	0.7164
47.7	0.9834	0.7550	0.0793	0.9243	0.9410	0.9295	0.8916	0.7374
47.8	0.9883	0.8556	0.0343	0.9352	0.9450	0.9338	0.9193	0.8244
47.9	0.9838	0.7870	0.0443	0.7177	0.8573	0.8380	0.7508	0.5002
48.0	0.9875	0.8478	0.0859	0.7535	0.8941	0.8977	0.7930	0.6271
48.1	0.9924	0.9308	0.3511	0.9219	0.9706	0.9685	0.9493	0.8920
48.2	0.9904	0.9179	0.6045	0.9398	0.9728	0.9650	0.9751	0.9338
48.3	0.9858	0.8886	0.4381	0.9206	0.9624	0.9580	0.9721	0.9326
48.4	0.9845	0.8996	0.2342	0.9129	0.9568	0.9475	0.9668	0.9039
48.5	0.9861	0.8837	0.1829	0.9117	0.9633	0.9546	0.9686	0.8951
48.6	0.9764	0.8142	0.0384	0.8837	0.9203	0.9347	0.9178	0.7744
48.7	0.9637	0.7675	0.0006	0.8791	0.8977	0.9270	0.8952	0.7336
48.8	0.9788	0.8264	0.2934	0.9326	0.9489	0.9556	0.9555	0.8328
48.9	0.9784	0.8148	0.4376	0.9036	0.9415	0.9500	0.9622	0.8661
49.0	0.9693	0.8257	0.3236	0.8948	0.9292	0.9478	0.9551	0.8318
49.1	0.9701	0.8194	0.2369	0.9208	0.9349	0.9496	0.9475	0.8170
49.2	0.9614	0.7275	0.0646	0.8862	0.9222	0.9374	0.9413	0.8148
49.3	0.9617	0.7427	0.1286	0.9014	0.9253	0.9359	0.9413	0.7639
49.4	0.9609	0.6672	0.1524	0.8480	0.9147	0.9341	0.9352	0.7305
49.5	0.9313	0.5543	0.0852	0.7200	0.8738	0.9045	0.9047	0.7039
49.6	0.9463	0.7059	0.1768	0.7900	0.8936	0.9130	0.9290	0.7088
49.7	0.8234	0.4212	0.0021	0.3732	0.6761	0.7426	0.6866	0.2032
49.8	0.5079	0.0982	0.0301	0.0541	0.2942	0.4353	0.2764	0.1000
49.9	0.7502	0.2118	0.0023	0.2474	0.5771	0.6913	0.5881	0.1709
50.0	0.9131	0.5729	0.0232	0.7250	0.8813	0.9191	0.9044	0.6165
50.1	0.8797	0.4329	0.0394	0.6123	0.8598	0.9021	0.8624	0.5598
50.2	0.9118	0.5166	0.0148	0.6797	0.8814	0.9132	0.8963	0.6622
50.3	0.9602	0.7320	0.0083	0.9182	0.9364	0.9563	0.9638	0.8581
50.4	0.9380	0.6476	0.0015	0.8789	0.9376	0.9445	0.9561	0.8366
50.5	0.9189	0.5756	0.0652	0.8498	0.9294	0.9382	0.9436	0.8013
50.6	0.9537	0.6453	0.2828	0.9255	0.9340	0.9406	0.9595	0.8728
50.7	0.9080	0.4612	0.1300	0.8918	0.8848	0.9182	0.9359	0.8194
50.8	0.9210	0.6069	0.0612	0.9290	0.9261	0.9467	0.9580	0.8567
50.9	0.9336	0.6511	0.0050	0.9264	0.9416	0.9585	0.9654	0.8708

51.0	0.9363	0.6520	0.0153	0.9183	0.9248	0.9468	0.9572	0.8560
51.1	0.9454	0.6542	0.0532	0.9321	0.9216	0.9414	0.9495	0.8687
51.2	0.9666	0.7912	0.3498	0.9544	0.9532	0.9617	0.9727	0.9082
51.3	0.9588	0.7955	0.0700	0.9431	0.9421	0.9538	0.9678	0.8946
51.4	0.9170	0.6569	0.0420	0.9087	0.9368	0.9530	0.9456	0.8412
51.5	0.9014	0.6433	0.1552	0.9045	0.9130	0.9352	0.9247	0.8077
51.6	0.9295	0.7724	0.4879	0.9640	0.8984	0.9140	0.9376	0.8586
51.7	0.9610	0.8400	0.6314	0.9789	0.9288	0.9455	0.9584	0.8957
51.8	0.9677	0.8564	0.6598	0.9824	0.9340	0.9571	0.9659	0.9181
51.9	0.9752	0.8482	0.6459	0.9835	0.9409	0.9594	0.9697	0.9228
52.0	0.9768	0.8929	0.7777	0.9824	0.9539	0.9662	0.9762	0.9376
52.1	0.9722	0.8779	0.8486	0.9813	0.9177	0.9377	0.9636	0.8799
52.2	0.9732	0.8967	0.8835	0.9877	0.9243	0.9449	0.9653	0.8942
52.3	0.9682	0.8602	0.8727	0.9844	0.9307	0.9545	0.9673	0.8986
52.4	0.9615	0.8169	0.8122	0.9775	0.8927	0.9303	0.9508	0.8592
52.5	0.9759	0.8842	0.8951	0.9833	0.9327	0.9590	0.9665	0.9151
52.6	0.9822	0.9289	0.9124	0.9854	0.9567	0.9728	0.9777	0.9453
52.7	0.9759	0.9110	0.8645	0.9778	0.9374	0.9556	0.9668	0.9212
52.8	0.9611	0.8862	0.8025	0.9724	0.9168	0.9402	0.9505	0.9070
52.9	0.9526	0.8861	0.4950	0.9568	0.8922	0.9240	0.9262	0.9011
53.0	0.9357	0.8832	0.6923	0.9728	0.8768	0.9146	0.9178	0.8835
53.1	0.9523	0.9064	0.8231	0.9770	0.9059	0.9350	0.9416	0.9047
53.2	0.9519	0.9099	0.8546	0.9765	0.9012	0.9356	0.9424	0.9038
53.3	0.9382	0.8958	0.9264	0.9803	0.8786	0.9252	0.9381	0.8924
53.4	0.9532	0.8852	0.9256	0.9756	0.8896	0.9321	0.9396	0.8911
53.5	0.9540	0.9259	0.8986	0.9763	0.9041	0.9414	0.9474	0.8996
53.6	0.9529	0.9095	0.8388	0.9748	0.8852	0.9317	0.9406	0.8953
53.7	0.9556	0.9188	0.8157	0.9736	0.9116	0.9508	0.9508	0.9186
53.8	0.9497	0.9263	0.8278	0.9718	0.9118	0.9480	0.9504	0.9135
53.9	0.9476	0.9387	0.9053	0.9768	0.9055	0.9427	0.9500	0.9043
54.0	0.9578	0.9554	0.9448	0.9854	0.9286	0.9592	0.9644	0.9294
54.1	0.9536	0.9274	0.9351	0.9783	0.9227	0.9587	0.9645	0.9314
54.2	0.9447	0.9324	0.8992	0.9775	0.9293	0.9569	0.9638	0.9342
54.3	0.9452	0.9339	0.9255	0.9829	0.9223	0.9578	0.9612	0.9357
54.4	0.9262	0.9067	0.9388	0.9765	0.8598	0.9251	0.9263	0.8807
54.5	0.9469	0.9413	0.9615	0.9790	0.9142	0.9570	0.9561	0.9320
54.6	0.9767	0.9616	0.9786	0.9849	0.9530	0.9756	0.9780	0.9595
54.7	0.9713	0.9606	0.9707	0.9831	0.9498	0.9759	0.9784	0.9597
54.8	0.9543	0.9502	0.9520	0.9772	0.9402	0.9685	0.9742	0.9553
54.9	0.9502	0.9503	0.9647	0.9784	0.9156	0.9567	0.9616	0.9416
55.0	0.9511	0.9624	0.9729	0.9761	0.9172	0.9571	0.9597	0.9443
55.1	0.9531	0.9626	0.9715	0.9714	0.9271	0.9634	0.9630	0.9477
55.2	0.9589	0.9617	0.9770	0.9713	0.9328	0.9731	0.9685	0.9576
55.3	0.9633	0.9628	0.9816	0.9757	0.9275	0.9730	0.9669	0.9579
55.4	0.9538	0.9652	0.9751	0.9707	0.9265	0.9763	0.9634	0.9555
55.5	0.9469	0.9621	0.9501	0.9584	0.9163	0.9647	0.9541	0.9508
55.6	0.9622	0.9639	0.9559	0.9699	0.9103	0.9657	0.9609	0.9369
55.7	0.9538	0.9585	0.9673	0.9775	0.8953	0.9593	0.9533	0.9315
55.8	0.9567	0.9608	0.9780	0.9752	0.8755	0.9554	0.9406	0.9323
55.9	0.9445	0.9537	0.9627	0.9722	0.8277	0.9426	0.9229	0.9082
56.0	0.9409	0.9334	0.9310	0.9607	0.8107	0.9413	0.9221	0.8977
56.1	0.9536	0.9303	0.9370	0.9576	0.8240	0.9439	0.9385	0.9177
56.2	0.9537	0.9302	0.9614	0.9712	0.8347	0.9486	0.9404	0.9152
56.3	0.9639	0.9542	0.9665	0.9772	0.8255	0.9575	0.9402	0.9153
56.4	0.9564	0.9440	0.9512	0.9626	0.7473	0.9413	0.9226	0.8999
56.5	0.9691	0.9539	0.9623	0.9682	0.8023	0.9581	0.9407	0.9197
56.6	0.9662	0.9471	0.9665	0.9718	0.7835	0.9484	0.9386	0.9299
56.7	0.9689	0.9495	0.9677	0.9767	0.8092	0.9507	0.9505	0.9406
56.8	0.9625	0.9488	0.9658	0.9757	0.7945	0.9505	0.9473	0.9281
56.9	0.9699	0.9581	0.9725	0.9802	0.8295	0.9612	0.9500	0.9291
57.0	0.9721	0.9721	0.9714	0.9837	0.8604	0.9706	0.9646	0.9369
57.1	0.9650	0.9548	0.9544	0.9768	0.7708	0.9549	0.9466	0.9004
57.2	0.9623	0.9424	0.9360	0.9705	0.7345	0.9483	0.9238	0.8800
57.3	0.9729	0.9464	0.9668	0.9790	0.7347	0.9409	0.9126	0.8847
57.4	0.9776	0.9565	0.9693	0.9838	0.7334	0.9358	0.9178	0.8838
57.5	0.9726	0.9599	0.9745	0.9829	0.8016	0.9478	0.9558	0.9223
57.6	0.9509	0.9352	0.9469	0.9721	0.6337	0.8937	0.8980	0.8438
57.7	0.9474	0.9410	0.9347	0.9653	0.5716	0.8788	0.8755	0.7920
57.8	0.9589	0.9395	0.9422	0.9747	0.6202	0.8916	0.8922	0.7955
57.9	0.9604	0.9277	0.9392	0.9795	0.6296	0.9119	0.8917	0.8252
58.0	0.9637	0.9360	0.9256	0.9726	0.6662	0.9183	0.8985	0.8532
58.1	0.9705	0.9426	0.9275	0.9752	0.6711	0.9088	0.8982	0.8520
58.2	0.9798	0.9453	0.9506	0.9818	0.7048	0.9178	0.9023	0.8545
58.3	0.9754	0.9487	0.9359	0.9761	0.6205	0.8879	0.8550	0.7850
58.4	0.9700	0.9379	0.9253	0.9744	0.5453	0.8459	0.8401	0.7482
58.5	0.9685	0.9285	0.9295	0.9808	0.6355	0.8770	0.8970	0.8010
58.6	0.9761	0.9442	0.9361	0.9842	0.6848	0.9062	0.9275	0.8285
58.7	0.9773	0.9551	0.9404	0.9828	0.6798	0.9096	0.9258	0.8074
58.8	0.9747	0.9416	0.9318	0.9786	0.7630	0.9075	0.9303	0.8326
58.9	0.9737	0.9321	0.9274	0.9763	0.7325	0.9052	0.9109	0.8244
59.0	0.9775	0.9264	0.9270	0.9783	0.7050	0.8616	0.8856	0.7196
59.1	0.9806	0.9439	0.9429	0.9817	0.7105	0.8726	0.9028	0.7027
59.2	0.9809	0.9405	0.9306	0.9872	0.7565	0.9242	0.9483	0.8095
59.3	0.9769	0.9277	0.9219	0.9858	0.7125	0.8890	0.9277	0.7823
59.4	0.9779	0.9246	0.9520	0.9809	0.7353	0.8974	0.9192	0.8105
59.5	0.9758	0.9047	0.9251	0.9762	0.7595	0.8977	0.9123	0.8219

59.6	0.9621	0.8971	0.9103	0.9729	0.7686	0.9195	0.9175	0.8366
59.7	0.9582	0.8898	0.9091	0.9760	0.7706	0.9183	0.9219	0.8210
59.8	0.9701	0.8505	0.8861	0.9759	0.6555	0.8838	0.8952	0.7919
59.9	0.0547	0.0032	0.0997	0.5825	0.0648	0.2225	0.3776	0.1519
60.0	0.0011	0.0052	0.0327	0.2357	0.0055	0.0365	0.0519	0.0536
60.1	0.0058	0.0083	0.0995	0.5118	0.0240	0.1080	0.1962	0.1377
60.2	0.9669	0.9195	0.9038	0.9810	0.5970	0.8469	0.8764	0.7796
60.3	0.9663	0.9158	0.9141	0.9828	0.6062	0.8522	0.8761	0.7993
60.4	0.9539	0.9080	0.8803	0.9743	0.5443	0.8389	0.8625	0.6849
60.5	0.9678	0.9298	0.8871	0.9761	0.6642	0.8412	0.8826	0.6912
60.6	0.9804	0.9336	0.9061	0.9807	0.6979	0.8499	0.9003	0.7320
60.7	0.9768	0.9193	0.9006	0.9782	0.6643	0.8165	0.8950	0.6514
60.8	0.9799	0.9434	0.9418	0.9846	0.7334	0.8152	0.9167	0.6351
60.9	0.9861	0.9324	0.9445	0.9860	0.6986	0.7503	0.8993	0.5653
61.0	0.9856	0.9402	0.9327	0.9819	0.7536	0.7929	0.9199	0.5289
61.1	0.9755	0.9116	0.8987	0.9731	0.7988	0.8019	0.9210	0.4859
61.2	0.9814	0.9208	0.9091	0.9822	0.8422	0.8021	0.9161	0.5409
61.3	0.9732	0.9396	0.8891	0.9817	0.8109	0.7629	0.9198	0.5508
61.4	0.9712	0.9329	0.9114	0.9743	0.7749	0.7833	0.8992	0.4146
61.5	0.9845	0.9420	0.9301	0.9808	0.8566	0.8465	0.9478	0.3944
61.6	0.9823	0.9447	0.9238	0.9856	0.8454	0.7825	0.9363	0.2617
61.7	0.9765	0.9327	0.9238	0.9800	0.7982	0.7018	0.9071	0.1774
61.8	0.9718	0.9312	0.9074	0.9798	0.7814	0.6177	0.8964	0.1187
61.9	0.9831	0.9571	0.9120	0.9837	0.8655	0.6463	0.9289	0.0698
62.0	0.9797	0.9526	0.9314	0.9834	0.9118	0.7456	0.9384	0.0494
62.1	0.9805	0.9355	0.9230	0.9798	0.9131	0.7194	0.9305	0.1347
62.2	0.9722	0.9323	0.9132	0.9795	0.8602	0.6886	0.9302	0.1000
62.3	0.9720	0.9323	0.9220	0.9792	0.8903	0.7456	0.9403	0.1789
62.4	0.9765	0.9418	0.9373	0.9824	0.9153	0.7964	0.9458	0.3272
62.5	0.9812	0.9365	0.9390	0.9825	0.9030	0.8057	0.9416	0.4817
62.6	0.9840	0.9371	0.9326	0.9861	0.9029	0.7110	0.9271	0.4723
62.7	0.9809	0.9478	0.9441	0.9837	0.9296	0.7993	0.9389	0.5916
62.8	0.9692	0.9104	0.8883	0.9735	0.9281	0.8307	0.9410	0.6037
62.9	0.9734	0.9094	0.9156	0.9773	0.9299	0.8023	0.9366	0.6134
63.0	0.9854	0.9443	0.9519	0.9878	0.9524	0.8398	0.9627	0.7317
63.1	0.9834	0.9592	0.9493	0.9881	0.9579	0.8906	0.9628	0.7855
63.2	0.9779	0.9634	0.9293	0.9821	0.9467	0.8542	0.9373	0.7575
63.3	0.9799	0.9591	0.9253	0.9841	0.9586	0.8581	0.9508	0.8122
63.4	0.9697	0.9499	0.9363	0.9794	0.9392	0.8458	0.9495	0.7518
63.5	0.9768	0.9617	0.9496	0.9841	0.9637	0.9246	0.9710	0.8182
63.6	0.9769	0.9397	0.9178	0.9802	0.9559	0.9089	0.9672	0.8129
63.7	0.9804	0.9505	0.9050	0.9775	0.9513	0.8983	0.9608	0.8273
63.8	0.9826	0.9616	0.9184	0.9828	0.9607	0.9236	0.9652	0.8867
63.9	0.9807	0.9516	0.9170	0.9833	0.9524	0.9072	0.9622	0.8759
64.0	0.9788	0.9411	0.9289	0.9809	0.9535	0.9176	0.9602	0.8760
64.1	0.9744	0.9479	0.9335	0.9828	0.9637	0.9320	0.9672	0.8931
64.2	0.9709	0.9465	0.9078	0.9781	0.9556	0.9213	0.9644	0.8932
64.3	0.9734	0.9478	0.8615	0.9800	0.9531	0.9194	0.9662	0.8916
64.4	0.9676	0.9253	0.8690	0.9760	0.9651	0.9331	0.9678	0.8935
64.5	0.9712	0.9365	0.8836	0.9760	0.9598	0.9448	0.9648	0.8919
64.6	0.9705	0.9443	0.8767	0.9810	0.9552	0.9400	0.9633	0.8920
64.7	0.9753	0.9488	0.8717	0.9814	0.9525	0.9371	0.9619	0.9046
64.8	0.9740	0.9450	0.8946	0.9808	0.9652	0.9502	0.9682	0.9296
64.9	0.9654	0.9383	0.8834	0.9775	0.9572	0.9412	0.9607	0.9170
65.0	0.9779	0.9480	0.9048	0.9822	0.9649	0.9561	0.9695	0.9259
65.1	0.9761	0.9390	0.8805	0.9822	0.9617	0.9614	0.9738	0.9305
65.2	0.9736	0.9507	0.8770	0.9814	0.9571	0.9518	0.9670	0.9255
65.3	0.9827	0.9446	0.9015	0.9829	0.9629	0.9611	0.9721	0.9411
65.4	0.9785	0.9401	0.9077	0.9831	0.9623	0.9595	0.9708	0.9429
65.5	0.9788	0.9383	0.8712	0.9798	0.9629	0.9546	0.9691	0.9417
65.6	0.9774	0.9345	0.8508	0.9838	0.9678	0.9644	0.9742	0.9546
65.7	0.9849	0.9393	0.8622	0.9849	0.9663	0.9650	0.9760	0.9471
65.8	0.9846	0.9365	0.8570	0.9796	0.9664	0.9632	0.9762	0.9469
65.9	0.9794	0.9179	0.8358	0.9760	0.9549	0.9528	0.9656	0.9378
66.0	0.9788	0.9185	0.8080	0.9813	0.9493	0.9515	0.9630	0.9334
66.1	0.9760	0.8966	0.7863	0.9795	0.9488	0.9513	0.9623	0.9394
66.2	0.9660	0.8921	0.7622	0.9741	0.9484	0.9535	0.9596	0.9390
66.3	0.9754	0.9211	0.7936	0.9782	0.9609	0.9618	0.9701	0.9540
66.4	0.9851	0.9201	0.7807	0.9821	0.9597	0.9614	0.9697	0.9532
66.5	0.9861	0.9086	0.7633	0.9801	0.9653	0.9687	0.9747	0.9596
66.6	0.9829	0.8859	0.7850	0.9812	0.9663	0.9712	0.9747	0.9606
66.7	0.9832	0.8774	0.7759	0.9843	0.9691	0.9728	0.9746	0.9636
66.8	0.9830	0.8814	0.7671	0.9880	0.9644	0.9706	0.9712	0.9606
66.9	0.9817	0.8653	0.6910	0.9878	0.9560	0.9619	0.9661	0.9530
67.0	0.9791	0.8438	0.6672	0.9812	0.9531	0.9620	0.9642	0.9584
67.1	0.9802	0.8009	0.5018	0.9787	0.9638	0.9730	0.9741	0.9666
67.2	0.9751	0.7730	0.4303	0.9797	0.9553	0.9667	0.9680	0.9619
67.3	0.9817	0.8196	0.5412	0.9860	0.9604	0.9704	0.9695	0.9659
67.4	0.9838	0.8273	0.6071	0.9866	0.9634	0.9715	0.9711	0.9654
67.5	0.9789	0.7685	0.5741	0.9800	0.9585	0.9662	0.9654	0.9618
67.6	0.9790	0.6978	0.4809	0.9840	0.9503	0.9632	0.9639	0.9592
67.7	0.9829	0.7328	0.4307	0.9876	0.9595	0.9692	0.9689	0.9683
67.8	0.9860	0.7275	0.4656	0.9847	0.9593	0.9666	0.9683	0.9682
67.9	0.9860	0.6053	0.4534	0.9816	0.9606	0.9660	0.9660	0.9623
68.0	0.9861	0.5791	0.4087	0.9837	0.9670	0.9748	0.9698	0.9691
68.1	0.9819	0.5660	0.4327	0.9847	0.9660	0.9710	0.9705	0.9714

68.2	0.9840	0.3781	0.4392	0.9834	0.9562	0.9650	0.9647	0.9673
68.3	0.9853	0.4182	0.3956	0.9854	0.9612	0.9713	0.9700	0.9725
68.4	0.9777	0.4878	0.3664	0.9851	0.9565	0.9650	0.9663	0.9670
68.5	0.9762	0.3700	0.5515	0.9862	0.9581	0.9668	0.9664	0.9648
68.6	0.9810	0.4101	0.5705	0.9873	0.9579	0.9650	0.9630	0.9704
68.7	0.9742	0.3409	0.3924	0.9827	0.9382	0.9548	0.9516	0.9569
68.8	0.9794	0.2190	0.4747	0.9842	0.9406	0.9627	0.9593	0.9611
68.9	0.9869	0.2200	0.6200	0.9883	0.9607	0.9724	0.9719	0.9757
69.0	0.9815	0.1269	0.6203	0.9805	0.9534	0.9659	0.9665	0.9655
69.1	0.9741	0.2040	0.6113	0.9757	0.9478	0.9630	0.9693	0.9642
69.2	0.9753	0.0968	0.6990	0.9812	0.9538	0.9638	0.9688	0.9672
69.3	0.9833	0.0583	0.6969	0.9894	0.9530	0.9701	0.9691	0.9691
69.4	0.9856	0.0581	0.7124	0.9859	0.9453	0.9688	0.9675	0.9680
69.5	0.9747	0.1341	0.7172	0.9810	0.9409	0.9608	0.9682	0.9607
69.6	0.9698	0.0207	0.7540	0.9746	0.9275	0.9500	0.9579	0.9555
69.7	0.9787	0.0250	0.7949	0.9804	0.9362	0.9548	0.9622	0.9651
69.8	0.9738	0.0219	0.7054	0.9792	0.9374	0.9528	0.9594	0.9630
69.9	0.9677	0.0022	0.6984	0.9705	0.9388	0.9575	0.9640	0.9566
70.0	0.9704	0.0033	0.7414	0.9782	0.9269	0.9523	0.9587	0.9505
70.1	0.9738	0.0746	0.7783	0.9799	0.9209	0.9463	0.9469	0.9498
70.2	0.9709	0.1309	0.7984	0.9794	0.9261	0.9537	0.9594	0.9574
70.3	0.9736	0.2081	0.8364	0.9843	0.9123	0.9488	0.9565	0.9616
70.4	0.9717	0.1702	0.8682	0.9844	0.9168	0.9467	0.9600	0.9605
70.5	0.9740	0.1328	0.8950	0.9837	0.9197	0.9497	0.9633	0.9627
70.6	0.9741	0.0940	0.8898	0.9795	0.9027	0.9360	0.9503	0.9529
70.7	0.9668	0.0963	0.8680	0.9723	0.8735	0.9304	0.9396	0.9469
70.8	0.9619	0.0990	0.8836	0.9785	0.8717	0.9261	0.9361	0.9373
70.9	0.9611	0.3086	0.9028	0.9833	0.9011	0.9293	0.9482	0.9444
71.0	0.9686	0.4051	0.9084	0.9844	0.8957	0.9381	0.9521	0.9532
71.1	0.9685	0.3081	0.9077	0.9822	0.9143	0.9417	0.9534	0.9537
71.2	0.9656	0.2884	0.9201	0.9796	0.8991	0.9309	0.9505	0.9514
71.3	0.9597	0.3735	0.9043	0.9746	0.8829	0.9293	0.9458	0.9576
71.4	0.9622	0.4525	0.8929	0.9729	0.8760	0.9238	0.9433	0.9505
71.5	0.9659	0.4713	0.9098	0.9715	0.8805	0.9270	0.9457	0.9523
71.6	0.9674	0.4023	0.9193	0.9774	0.8910	0.9373	0.9557	0.9550
71.7	0.9654	0.4981	0.9211	0.9802	0.8880	0.9360	0.9569	0.9557
71.8	0.9603	0.5502	0.9060	0.9779	0.8978	0.9326	0.9544	0.9506
71.9	0.9618	0.5102	0.9075	0.9768	0.8914	0.9214	0.9533	0.9452
72.0	0.9496	0.5575	0.9125	0.9706	0.8409	0.8917	0.9290	0.9221
72.1	0.9551	0.6142	0.9117	0.9712	0.8480	0.8979	0.9290	0.9263
72.2	0.9562	0.6325	0.9073	0.9743	0.8229	0.8948	0.9309	0.9287
72.3	0.9591	0.7293	0.9319	0.9747	0.8641	0.9159	0.9417	0.9451
72.4	0.9673	0.7168	0.9263	0.9774	0.8956	0.9301	0.9534	0.9560
72.5	0.9548	0.7001	0.9193	0.9743	0.8612	0.8991	0.9379	0.9416
72.6	0.9407	0.6934	0.8958	0.9733	0.8379	0.8855	0.9332	0.9346
72.7	0.9265	0.6862	0.8860	0.9547	0.7763	0.8563	0.9009	0.9142
72.8	0.9272	0.7486	0.8904	0.9558	0.7920	0.8657	0.8991	0.9217
72.9	0.9315	0.6623	0.8659	0.9526	0.7928	0.8734	0.9008	0.9262
73.0	0.9389	0.7058	0.8938	0.9595	0.8046	0.8763	0.9088	0.9257
73.1	0.9431	0.7953	0.9147	0.9623	0.7900	0.8814	0.9114	0.9378
73.2	0.9328	0.7150	0.9014	0.9577	0.7933	0.8830	0.9034	0.9330
73.3	0.9191	0.7295	0.9021	0.9418	0.7673	0.8607	0.8920	0.9207
73.4	0.9154	0.8093	0.9093	0.9447	0.7966	0.8337	0.8769	0.9139
73.5	0.9212	0.8194	0.9225	0.9462	0.7860	0.8369	0.8866	0.9218
73.6	0.9088	0.7820	0.9014	0.9270	0.7462	0.8226	0.8665	0.9048
73.7	0.9314	0.8176	0.8841	0.9306	0.8227	0.8542	0.8964	0.9379
73.8	0.9178	0.8491	0.8794	0.9373	0.7774	0.8290	0.8875	0.9116
73.9	0.8949	0.8359	0.8826	0.9290	0.7716	0.8114	0.8760	0.8976
74.0	0.8926	0.8421	0.9054	0.9422	0.8070	0.7993	0.8792	0.9173
74.1	0.8856	0.7990	0.8795	0.9400	0.7870	0.7696	0.8546	0.9011
74.2	0.8889	0.8266	0.8904	0.9435	0.7509	0.7497	0.8221	0.8750
74.3	0.9077	0.8176	0.8709	0.9250	0.7269	0.7963	0.8392	0.8915
74.4	0.8992	0.7563	0.8831	0.9106	0.7289	0.7240	0.8318	0.8737
74.5	0.8896	0.7329	0.8894	0.8959	0.7419	0.7065	0.7917	0.8935
74.6	0.9015	0.8312	0.8996	0.9063	0.7997	0.7454	0.7937	0.9119
74.7	0.9089	0.8147	0.8942	0.8898	0.7752	0.7042	0.8084	0.8798
74.8	0.8928	0.7738	0.9203	0.8930	0.7538	0.6850	0.7408	0.8273
74.9	0.9100	0.8484	0.9377	0.9144	0.8219	0.6784	0.7493	0.8877
75.0	0.9251	0.8312	0.9158	0.9183	0.8397	0.5919	0.7794	0.9036
75.1	0.9078	0.8030	0.8967	0.9073	0.8132	0.5458	0.7240	0.8804
75.2	0.8682	0.7770	0.8743	0.8671	0.7946	0.4120	0.6307	0.8499
75.3	0.8895	0.7683	0.8993	0.9098	0.8173	0.3157	0.6265	0.8394
75.4	0.8996	0.7737	0.9216	0.9019	0.8377	0.2993	0.6209	0.8551
75.5	0.8616	0.7806	0.8994	0.8874	0.7944	0.3580	0.5041	0.8628
75.6	0.8596	0.8103	0.9098	0.8766	0.8177	0.2768	0.5207	0.8512
75.7	0.8747	0.8451	0.9113	0.8761	0.8301	0.2258	0.5891	0.8178
75.8	0.8675	0.8048	0.8920	0.8607	0.7833	0.2146	0.5369	0.8058
75.9	0.8316	0.7139	0.8723	0.8348	0.7624	0.1477	0.3094	0.7668
76.0	0.8220	0.7819	0.8700	0.8430	0.7780	0.2259	0.3291	0.7637
76.1	0.8714	0.7938	0.8598	0.8296	0.7634	0.2015	0.3499	0.7680
76.2	0.8386	0.8064	0.8409	0.8152	0.8202	0.2834	0.1672	0.7998
76.3	0.8321	0.8148	0.8381	0.7384	0.7708	0.2876	0.1842	0.7635
76.4	0.8384	0.8111	0.8718	0.7342	0.7558	0.2470	0.1718	0.7380
76.5	0.8313	0.8084	0.8417	0.7287	0.7893	0.2840	0.0956	0.7670
76.6	0.8352	0.7699	0.8501	0.8048	0.8207	0.3184	0.0654	0.7062
76.7	0.8562	0.7619	0.8375	0.8606	0.8412	0.3133	0.1549	0.6883

76.8	0.8692	0.8319	0.8621	0.8427	0.8305	0.3665	0.3319	0.7055
76.9	0.8835	0.8302	0.8713	0.8329	0.8239	0.4979	0.3823	0.7547
77.0	0.8620	0.7270	0.8451	0.7811	0.7674	0.4094	0.3046	0.6483
77.1	0.8085	0.7461	0.8183	0.7752	0.6483	0.3453	0.3034	0.5160
77.2	0.8313	0.7390	0.8035	0.8329	0.6908	0.2873	0.4044	0.6105
77.3	0.8249	0.7952	0.7682	0.8499	0.7020	0.4173	0.4855	0.6071
77.4	0.8320	0.7772	0.7413	0.7711	0.7181	0.4910	0.5296	0.4939
77.5	0.8162	0.7832	0.8343	0.7603	0.8234	0.5115	0.6127	0.5779
77.6	0.8152	0.8064	0.8157	0.7514	0.7716	0.5962	0.6480	0.5850
77.7	0.7946	0.8080	0.8202	0.7697	0.7431	0.4698	0.6501	0.6107
77.8	0.8033	0.8488	0.8106	0.7729	0.8017	0.6027	0.6658	0.6218
77.9	0.8293	0.8196	0.8045	0.7832	0.8093	0.6104	0.6415	0.5932
78.0	0.8107	0.8039	0.8094	0.8239	0.7025	0.5664	0.6649	0.5136
78.1	0.7696	0.8396	0.8290	0.8481	0.7347	0.5739	0.7578	0.5286
78.2	0.7464	0.8921	0.8178	0.8211	0.7405	0.4651	0.7363	0.6157
78.3	0.7661	0.8302	0.8093	0.8535	0.7749	0.5623	0.7836	0.5310
78.4	0.8415	0.8590	0.8266	0.8876	0.7196	0.6437	0.8032	0.4942
78.5	0.8503	0.8507	0.8220	0.8637	0.7111	0.6538	0.8035	0.5067
78.6	0.8236	0.8543	0.8482	0.8500	0.7617	0.6187	0.8465	0.6803
78.7	0.8585	0.9021	0.8483	0.8695	0.7847	0.7182	0.8176	0.6894
78.8	0.8419	0.8880	0.8261	0.8657	0.8122	0.7246	0.8451	0.5898
78.9	0.7742	0.8546	0.7910	0.8432	0.6296	0.6672	0.7728	0.3335
79.0	0.7707	0.8931	0.8107	0.8120	0.6074	0.6464	0.7843	0.3256
79.1	0.7472	0.9072	0.7844	0.8442	0.5516	0.5232	0.7599	0.5326
79.2	0.7109	0.8539	0.7748	0.8589	0.5848	0.5976	0.8020	0.5840
79.3	0.7659	0.8761	0.7868	0.8679	0.5869	0.6410	0.8286	0.6840
79.4	0.7457	0.8883	0.8068	0.8880	0.6250	0.6981	0.8568	0.6198
79.5	0.7330	0.9092	0.8285	0.8815	0.5725	0.7114	0.8263	0.5791
79.6	0.7963	0.8932	0.8901	0.8847	0.5967	0.6516	0.8418	0.5940
79.7	0.7806	0.8876	0.8590	0.8653	0.5348	0.5335	0.8289	0.5667
79.8	0.7938	0.8722	0.8117	0.8393	0.5482	0.5866	0.8361	0.5807
79.9	0.7349	0.8192	0.8406	0.8517	0.5249	0.4895	0.7669	0.6361
80.0	0.8333	0.8362	0.8580	0.8551	0.5532	0.5609	0.8256	0.6272

1.2.30 Run 8 – IP315NVP – SF and shaft bending gauges

In-plane shaking at 315° with no vertical shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.4916	0.3144	0.2403	0.3514	0.8096	0.0168	0.4985	0.7580
0.1	0.7549	0.0743	0.0011	0.1443	0.9678	0.4361	0.9147	0.8704
0.2	0.8215	0.8514	0.9747	0.9516	0.9995	0.9990	0.9995	0.9995
0.3	0.8202	0.8355	0.9789	0.9557	0.9997	0.9990	0.9997	0.9995
0.4	0.8387	0.8888	0.9873	0.9674	0.9996	0.9989	0.9997	0.9994
0.5	0.9034	0.9191	0.9911	0.9777	0.9996	0.9987	0.9996	0.9994
0.6	0.8961	0.8956	0.9943	0.9823	0.9992	0.9990	0.9993	0.9995
0.7	0.5685	0.3918	0.9794	0.9024	0.9938	0.9929	0.9961	0.9965
0.8	0.5679	0.5893	0.9679	0.8961	0.9966	0.9875	0.9977	0.9944
0.9	0.8752	0.8750	0.9878	0.9722	0.9984	0.9969	0.9984	0.9987
1.0	0.9033	0.8975	0.9943	0.9836	0.9931	0.9992	0.9940	0.9998
1.1	0.7629	0.9090	0.9930	0.9784	0.9893	0.9988	0.9913	0.9995
1.2	0.8232	0.9170	0.9906	0.9752	0.9980	0.9984	0.9984	0.9992
1.3	0.8619	0.8991	0.9947	0.9786	0.9996	0.9989	0.9996	0.9995
1.4	0.8272	0.9003	0.9950	0.9833	0.9998	0.9993	0.9999	0.9996
1.5	0.7363	0.7581	0.9927	0.9768	0.9998	0.9993	0.9999	0.9996
1.6	0.4674	0.5903	0.9936	0.9705	0.9999	0.9993	0.9999	0.9996
1.7	0.1761	0.6089	0.9937	0.9616	0.9999	0.9992	0.9999	0.9996
1.8	0.3348	0.1599	0.9904	0.9027	0.9999	0.9984	0.9999	0.9993
1.9	0.6344	0.5018	0.9816	0.5755	0.9998	0.9961	0.9998	0.9981
2.0	0.4503	0.4680	0.8616	0.4309	0.9997	0.9757	0.9996	0.9882
2.1	0.4830	0.5351	0.5313	0.6322	0.9997	0.9558	0.9996	0.9806
2.2	0.3796	0.4426	0.0017	0.5894	0.9999	0.9678	0.9998	0.9883
2.3	0.2833	0.3194	0.4028	0.5370	0.9998	0.9836	0.9999	0.9935
2.4	0.3538	0.7031	0.9649	0.9429	0.9997	0.9905	0.9999	0.9959
2.5	0.9000	0.9438	0.9879	0.9775	0.9997	0.9876	0.9997	0.9948
2.6	0.9599	0.9579	0.9850	0.9785	0.9998	0.9824	0.9998	0.9926
2.7	0.9788	0.9830	0.9915	0.9919	0.9999	0.9937	0.9999	0.9974
2.8	0.9619	0.9809	0.9934	0.9922	0.9999	0.9978	0.9999	0.9991
2.9	0.9508	0.9710	0.9927	0.9892	0.9999	0.9979	0.9999	0.9991
3.0	0.9606	0.9777	0.9936	0.9886	0.9999	0.9987	0.9999	0.9994
3.1	0.9565	0.9751	0.9928	0.9870	0.9999	0.9990	0.9999	0.9995
3.2	0.9310	0.9581	0.9879	0.9820	0.9997	0.9976	0.9998	0.9989
3.3	0.9056	0.9588	0.9829	0.9795	0.9996	0.9975	0.9998	0.9989
3.4	0.8757	0.9388	0.9745	0.9693	0.9995	0.9975	0.9996	0.9988
3.5	0.8401	0.8802	0.9427	0.9513	0.9991	0.9927	0.9995	0.9969
3.6	0.6583	0.7573	0.8479	0.8953	0.9987	0.9503	0.9987	0.9812
3.7	0.1975	0.2954	0.9433	0.7336	0.9993	0.9702	0.9988	0.9860
3.8	0.3921	0.7834	0.9923	0.9596	0.9999	0.9974	0.9998	0.9988
3.9	0.8512	0.9605	0.9983	0.9940	1.0000	0.9996	1.0000	0.9998
4.0	0.8361	0.9700	0.9986	0.9960	1.0000	0.9997	1.0000	0.9999
4.1	0.8212	0.9710	0.9987	0.9961	1.0000	0.9998	1.0000	0.9999
4.2	0.8877	0.9743	0.9988	0.9949	1.0000	0.9998	1.0000	0.9999
4.3	0.8169	0.9438	0.9979	0.9887	0.9999	0.9997	1.0000	0.9999
4.4	0.7515	0.9317	0.9974	0.9848	0.9999	0.9996	0.9999	0.9998
4.5	0.7363	0.9215	0.9961	0.9836	0.9999	0.9994	0.9999	0.9997
4.6	0.6650	0.8715	0.9926	0.9762	0.9999	0.9992	0.9999	0.9996
4.7	0.6973	0.8046	0.9838	0.9699	0.9998	0.9987	0.9999	0.9994
4.8	0.8377	0.8866	0.9802	0.9665	0.9998	0.9985	0.9999	0.9993
4.9	0.6880	0.7895	0.9482	0.9263	0.9997	0.9955	0.9998	0.9980
5.0	0.4100	0.5021	0.9761	0.8824	0.9998	0.9966	0.9998	0.9985
5.1	0.6128	0.7539	0.9941	0.9684	0.9999	0.9990	0.9999	0.9995
5.2	0.7393	0.7944	0.9954	0.9800	0.9999	0.9992	0.9999	0.9996
5.3	0.4421	0.4976	0.9825	0.9412	0.9996	0.9970	0.9997	0.9987
5.4	0.4886	0.4156	0.9525	0.8379	0.9987	0.9876	0.9992	0.9943
5.5	0.5954	0.4843	0.9740	0.7176	0.9991	0.9908	0.9994	0.9954
5.6	0.7994	0.6803	0.9918	0.7378	0.9997	0.9980	0.9997	0.9990
5.7	0.7921	0.6310	0.9943	0.9049	0.9998	0.9987	0.9999	0.9994
5.8	0.7394	0.6252	0.9970	0.9631	0.9999	0.9992	0.9999	0.9996
5.9	0.5669	0.4422	0.9983	0.9817	1.0000	0.9998	1.0000	0.9999
6.0	0.4273	0.1623	0.9976	0.9881	1.0000	0.9999	1.0000	0.9999
6.1	0.8921	0.7660	0.9988	0.9935	1.0000	0.9999	1.0000	1.0000
6.2	0.9456	0.8667	0.9989	0.9943	1.0000	0.9999	1.0000	1.0000
6.3	0.9765	0.9309	0.9990	0.9939	1.0000	0.9999	1.0000	1.0000
6.4	0.9835	0.9609	0.9992	0.9948	1.0000	0.9999	1.0000	0.9999
6.5	0.9794	0.9625	0.9989	0.9961	1.0000	0.9998	1.0000	0.9999
6.6	0.9823	0.9767	0.9991	0.9939	1.0000	0.9999	1.0000	0.9999
6.7	0.9829	0.9753	0.9985	0.9906	0.9999	0.9998	0.9999	0.9999
6.8	0.9832	0.9841	0.9981	0.9865	0.9998	0.9998	0.9999	0.9999
6.9	0.9784	0.9791	0.9958	0.9741	0.9992	0.9998	0.9996	0.9999
7.0	0.9722	0.9659	0.9865	0.9410	0.9959	0.9996	0.9979	0.9999
7.1	0.9581	0.9609	0.9818	0.9389	0.9939	0.9995	0.9968	0.9999
7.2	0.8318	0.8642	0.9572	0.9292	0.9934	0.9993	0.9963	0.9999
7.3	0.1970	0.4711	0.9239	0.9507	0.9955	0.9993	0.9973	0.9999
7.4	0.5293	0.5821	0.9105	0.9386	0.9968	0.9995	0.9981	0.9999
7.5	0.9093	0.9263	0.9434	0.9314	0.9983	0.9996	0.9990	0.9999
7.6	0.9891	0.9889	0.9919	0.9766	0.9998	0.9998	0.9999	0.9999
7.7	0.9875	0.9873	0.9948	0.9835	0.9999	0.9998	0.9999	0.9999
7.8	0.9896	0.9915	0.9979	0.9887	1.0000	0.9999	1.0000	0.9999
7.9	0.9903	0.9910	0.9986	0.9861	0.9998	0.9998	0.9999	0.9999

8.0	0.9924	0.9911	0.9980	0.9792	0.9998	0.9998	0.9999	0.9999
8.1	0.9924	0.9920	0.9985	0.9840	0.9999	0.9998	0.9999	0.9999
8.2	0.9931	0.9940	0.9985	0.9886	0.9999	0.9998	0.9999	0.9999
8.3	0.9933	0.9942	0.9985	0.9867	0.9999	0.9998	0.9999	0.9999
8.4	0.9941	0.9940	0.9982	0.9833	0.9999	0.9998	0.9999	0.9999
8.5	0.9956	0.9958	0.9985	0.9878	0.9999	0.9998	0.9999	0.9999
8.6	0.9952	0.9956	0.9986	0.9886	0.9999	0.9998	0.9999	0.9999
8.7	0.9958	0.9957	0.9988	0.9891	0.9998	0.9999	0.9999	0.9999
8.8	0.9960	0.9960	0.9990	0.9864	0.9998	0.9999	0.9998	0.9999
8.9	0.9955	0.9945	0.9983	0.9827	0.9995	0.9998	0.9997	0.9999
9.0	0.9934	0.9922	0.9971	0.9812	0.9989	0.9997	0.9993	0.9999
9.1	0.9920	0.9931	0.9967	0.9829	0.9988	0.9997	0.9992	0.9999
9.2	0.9923	0.9906	0.9956	0.9826	0.9975	0.9997	0.9983	0.9999
9.3	0.9904	0.9897	0.9940	0.9730	0.9954	0.9994	0.9969	0.9999
9.4	0.9698	0.9711	0.9810	0.9645	0.9863	0.9990	0.9909	0.9999
9.5	0.9535	0.9577	0.9776	0.9777	0.9845	0.9990	0.9902	0.9999
9.6	0.9624	0.9601	0.9843	0.9910	0.9913	0.9995	0.9951	0.9999
9.7	0.9751	0.9734	0.9893	0.9941	0.9952	0.9998	0.9973	0.9999
9.8	0.9835	0.9801	0.9928	0.9950	0.9977	0.9998	0.9987	0.9999
9.9	0.9912	0.9895	0.9966	0.9964	0.9992	0.9999	0.9995	0.9999
10.0	0.9934	0.9920	0.9973	0.9957	0.9994	0.9999	0.9997	0.9999
10.1	0.9948	0.9943	0.9980	0.9960	0.9995	0.9998	0.9997	0.9999
10.2	0.9963	0.9955	0.9984	0.9969	0.9997	0.9998	0.9998	0.9999
10.3	0.9979	0.9975	0.9990	0.9975	0.9998	0.9999	0.9999	0.9999
10.4	0.9979	0.9971	0.9989	0.9968	0.9998	0.9998	0.9999	0.9999
10.5	0.9966	0.9952	0.9987	0.9961	0.9999	0.9998	0.9999	0.9999
10.6	0.9964	0.9951	0.9984	0.9963	0.9998	0.9997	0.9999	0.9998
10.7	0.9977	0.9976	0.9988	0.9974	0.9998	0.9998	0.9999	0.9999
10.8	0.9983	0.9976	0.9991	0.9980	0.9998	0.9998	0.9999	0.9999
10.9	0.9980	0.9973	0.9989	0.9973	0.9998	0.9998	0.9999	0.9999
11.0	0.9972	0.9965	0.9987	0.9970	0.9997	0.9997	0.9998	0.9998
11.1	0.9979	0.9973	0.9988	0.9976	0.9998	0.9998	0.9999	0.9999
11.2	0.9982	0.9977	0.9989	0.9981	0.9998	0.9998	0.9999	0.9999
11.3	0.9983	0.9977	0.9991	0.9981	0.9998	0.9998	0.9999	0.9999
11.4	0.9979	0.9973	0.9990	0.9978	0.9998	0.9997	0.9999	0.9998
11.5	0.9986	0.9980	0.9990	0.9983	0.9999	0.9998	0.9999	0.9999
11.6	0.9978	0.9967	0.9985	0.9972	0.9998	0.9996	0.9999	0.9998
11.7	0.9984	0.9977	0.9990	0.9981	0.9998	0.9997	0.9999	0.9998
11.8	0.9976	0.9972	0.9987	0.9972	0.9998	0.9996	0.9999	0.9998
11.9	0.9980	0.9977	0.9988	0.9975	0.9998	0.9997	0.9999	0.9998
12.0	0.9984	0.9981	0.9991	0.9982	0.9998	0.9996	0.9999	0.9998
12.1	0.9982	0.9982	0.9990	0.9983	0.9998	0.9997	0.9999	0.9998
12.2	0.9976	0.9975	0.9984	0.9976	0.9998	0.9996	0.9999	0.9998
12.3	0.9982	0.9977	0.9987	0.9978	0.9998	0.9996	0.9998	0.9997
12.4	0.9979	0.9973	0.9986	0.9974	0.9998	0.9995	0.9998	0.9996
12.5	0.9979	0.9976	0.9986	0.9976	0.9997	0.9995	0.9998	0.9997
12.6	0.9987	0.9986	0.9992	0.9984	0.9998	0.9996	0.9999	0.9997
12.7	0.9988	0.9987	0.9992	0.9985	0.9998	0.9995	0.9998	0.9996
12.8	0.9990	0.9990	0.9994	0.9989	0.9998	0.9996	0.9999	0.9997
12.9	0.9992	0.9992	0.9995	0.9991	0.9997	0.9996	0.9998	0.9997
13.0	0.9991	0.9991	0.9994	0.9989	0.9996	0.9995	0.9998	0.9996
13.1	0.9988	0.9986	0.9992	0.9986	0.9996	0.9995	0.9997	0.9996
13.2	0.9987	0.9984	0.9991	0.9986	0.9998	0.9995	0.9998	0.9997
13.3	0.9980	0.9970	0.9983	0.9978	0.9996	0.9992	0.9997	0.9994
13.4	0.9981	0.9975	0.9985	0.9978	0.9996	0.9993	0.9998	0.9995
13.5	0.9983	0.9979	0.9986	0.9979	0.9997	0.9993	0.9997	0.9995
13.6	0.9982	0.9977	0.9986	0.9978	0.9997	0.9992	0.9998	0.9995
13.7	0.9983	0.9980	0.9988	0.9979	0.9997	0.9992	0.9997	0.9995
13.8	0.9984	0.9980	0.9985	0.9980	0.9996	0.9992	0.9997	0.9994
13.9	0.9980	0.9976	0.9982	0.9976	0.9996	0.9990	0.9997	0.9993
14.0	0.9972	0.9966	0.9978	0.9970	0.9993	0.9986	0.9996	0.9990
14.1	0.9977	0.9975	0.9981	0.9975	0.9995	0.9988	0.9997	0.9992
14.2	0.9965	0.9964	0.9971	0.9966	0.9994	0.9982	0.9996	0.9988
14.3	0.9960	0.9961	0.9968	0.9961	0.9992	0.9979	0.9995	0.9985
14.4	0.9970	0.9969	0.9975	0.9970	0.9995	0.9983	0.9997	0.9989
14.5	0.9954	0.9954	0.9961	0.9954	0.9991	0.9975	0.9994	0.9982
14.6	0.9962	0.9960	0.9966	0.9960	0.9990	0.9976	0.9993	0.9983
14.7	0.9974	0.9971	0.9977	0.9973	0.9993	0.9983	0.9995	0.9988
14.8	0.9965	0.9956	0.9966	0.9962	0.9988	0.9976	0.9991	0.9982
14.9	0.9977	0.9971	0.9978	0.9977	0.9988	0.9982	0.9991	0.9986
15.0	0.9955	0.9954	0.9962	0.9958	0.9986	0.9968	0.9990	0.9975
15.1	0.9954	0.9946	0.9956	0.9949	0.9986	0.9963	0.9991	0.9971
15.2	0.9925	0.9922	0.9930	0.9921	0.9979	0.9939	0.9987	0.9953
15.3	0.9869	0.9866	0.9879	0.9866	0.9976	0.9895	0.9987	0.9919
15.4	0.9842	0.9844	0.9855	0.9843	0.9975	0.9871	0.9984	0.9899
15.5	0.9868	0.9872	0.9876	0.9869	0.9979	0.9885	0.9984	0.9908
15.6	0.9732	0.9737	0.9745	0.9736	0.9966	0.9754	0.9968	0.9799
15.7	0.9798	0.9802	0.9804	0.9799	0.9973	0.9799	0.9958	0.9833
15.8	0.9719	0.9729	0.9728	0.9724	0.9956	0.9715	0.9926	0.9755
15.9	0.9731	0.9738	0.9735	0.9734	0.9952	0.9706	0.9913	0.9744
16.0	0.9776	0.9780	0.9775	0.9777	0.9962	0.9737	0.9935	0.9762
16.1	0.9856	0.9864	0.9856	0.9860	0.9964	0.9823	0.9947	0.9839
16.2	0.9819	0.9829	0.9816	0.9823	0.9935	0.9752	0.9918	0.9772
16.3	0.9901	0.9905	0.9898	0.9900	0.9941	0.9842	0.9933	0.9857
16.4	0.9903	0.9912	0.9901	0.9904	0.9880	0.9807	0.9874	0.9851
16.5	0.9910	0.9921	0.9910	0.9913	0.9847	0.9747	0.9841	0.9853

16.6	0.9932	0.9939	0.9933	0.9931	0.9893	0.9827	0.9892	0.9885
16.7	0.9955	0.9960	0.9957	0.9955	0.9901	0.9908	0.9900	0.9936
16.8	0.9904	0.9897	0.9893	0.9895	0.9811	0.9838	0.9813	0.9823
16.9	0.9882	0.9887	0.9874	0.9883	0.9791	0.9620	0.9782	0.9782
17.0	0.9954	0.9959	0.9957	0.9956	0.9850	0.9824	0.9839	0.9927
17.1	0.9915	0.9919	0.9910	0.9907	0.9908	0.9568	0.9902	0.9772
17.2	0.9878	0.9885	0.9873	0.9873	0.9872	0.9578	0.9867	0.9708
17.3	0.9915	0.9920	0.9910	0.9913	0.9845	0.9635	0.9830	0.9776
17.4	0.9968	0.9970	0.9967	0.9969	0.9925	0.9746	0.9915	0.9907
17.5	0.9987	0.9986	0.9986	0.9987	0.9946	0.9926	0.9938	0.9961
17.6	0.9976	0.9976	0.9974	0.9976	0.9929	0.9950	0.9919	0.9944
17.7	0.9980	0.9979	0.9976	0.9979	0.9922	0.9932	0.9909	0.9939
17.8	0.9990	0.9990	0.9990	0.9990	0.9944	0.9965	0.9931	0.9982
17.9	0.9991	0.9991	0.9992	0.9992	0.9949	0.9975	0.9937	0.9984
18.0	0.9991	0.9991	0.9990	0.9991	0.9949	0.9972	0.9935	0.9971
18.1	0.9987	0.9987	0.9985	0.9987	0.9939	0.9969	0.9923	0.9956
18.2	0.9990	0.9991	0.9989	0.9991	0.9958	0.9980	0.9947	0.9971
18.3	0.9992	0.9993	0.9991	0.9993	0.9970	0.9984	0.9961	0.9978
18.4	0.9992	0.9994	0.9992	0.9993	0.9973	0.9976	0.9964	0.9967
18.5	0.9992	0.9994	0.9991	0.9993	0.9979	0.9971	0.9973	0.9967
18.6	0.9991	0.9993	0.9991	0.9992	0.9966	0.9951	0.9950	0.9965
18.7	0.9989	0.9992	0.9992	0.9991	0.9961	0.9954	0.9936	0.9966
18.8	0.9989	0.9992	0.9990	0.9990	0.9967	0.9953	0.9948	0.9948
18.9	0.9991	0.9994	0.9992	0.9993	0.9978	0.9964	0.9966	0.9957
19.0	0.9993	0.9995	0.9993	0.9994	0.9981	0.9972	0.9971	0.9964
19.1	0.9992	0.9995	0.9993	0.9994	0.9981	0.9977	0.9973	0.9964
19.2	0.9993	0.9996	0.9994	0.9995	0.9984	0.9975	0.9974	0.9958
19.3	0.9993	0.9996	0.9993	0.9994	0.9981	0.9972	0.9970	0.9951
19.4	0.9993	0.9996	0.9994	0.9995	0.9987	0.9979	0.9979	0.9962
19.5	0.9992	0.9995	0.9993	0.9995	0.9984	0.9978	0.9974	0.9957
19.6	0.9989	0.9994	0.9991	0.9993	0.9977	0.9972	0.9961	0.9938
19.7	0.9989	0.9995	0.9993	0.9994	0.9981	0.9969	0.9968	0.9936
19.8	0.9992	0.9996	0.9994	0.9996	0.9987	0.9977	0.9978	0.9953
19.9	0.9988	0.9993	0.9991	0.9993	0.9977	0.9973	0.9959	0.9938
20.0	0.9988	0.9993	0.9992	0.9993	0.9987	0.9972	0.9979	0.9939
20.1	0.9989	0.9992	0.9991	0.9994	0.9985	0.9955	0.9975	0.9896
20.2	0.9991	0.9992	0.9992	0.9994	0.9986	0.9946	0.9975	0.9868
20.3	0.9993	0.9993	0.9994	0.9995	0.9988	0.9959	0.9978	0.9902
20.4	0.9993	0.9993	0.9994	0.9995	0.9990	0.9957	0.9981	0.9891
20.5	0.9991	0.9989	0.9991	0.9994	0.9991	0.9956	0.9984	0.9893
20.6	0.9984	0.9980	0.9983	0.9988	0.9987	0.9928	0.9977	0.9849
20.7	0.9981	0.9973	0.9981	0.9985	0.9989	0.9927	0.9979	0.9874
20.8	0.9982	0.9975	0.9981	0.9986	0.9989	0.9941	0.9979	0.9897
20.9	0.9973	0.9959	0.9969	0.9977	0.9989	0.9937	0.9979	0.9888
21.0	0.9979	0.9969	0.9976	0.9983	0.9990	0.9931	0.9981	0.9876
21.1	0.9977	0.9966	0.9974	0.9981	0.9991	0.9949	0.9981	0.9909
21.2	0.9973	0.9958	0.9970	0.9978	0.9992	0.9933	0.9981	0.9881
21.3	0.9967	0.9948	0.9963	0.9974	0.9992	0.9920	0.9983	0.9852
21.4	0.9970	0.9954	0.9966	0.9976	0.9989	0.9925	0.9977	0.9857
21.5	0.9962	0.9942	0.9956	0.9970	0.9992	0.9915	0.9982	0.9840
21.6	0.9945	0.9916	0.9937	0.9957	0.9988	0.9898	0.9970	0.9815
21.7	0.9938	0.9917	0.9939	0.9955	0.9986	0.9862	0.9969	0.9760
21.8	0.9937	0.9919	0.9938	0.9954	0.9985	0.9852	0.9966	0.9765
21.9	0.9931	0.9913	0.9930	0.9948	0.9989	0.9837	0.9973	0.9779
22.0	0.9922	0.9900	0.9919	0.9941	0.9986	0.9783	0.9962	0.9742
22.1	0.9896	0.9872	0.9895	0.9923	0.9985	0.9753	0.9961	0.9739
22.2	0.9905	0.9891	0.9909	0.9931	0.9988	0.9805	0.9965	0.9806
22.3	0.9874	0.9855	0.9874	0.9909	0.9985	0.9719	0.9955	0.9754
22.4	0.9877	0.9872	0.9880	0.9910	0.9986	0.9806	0.9955	0.9829
22.5	0.9855	0.9854	0.9863	0.9893	0.9987	0.9798	0.9950	0.9826
22.6	0.9788	0.9795	0.9800	0.9842	0.9989	0.9769	0.9955	0.9787
22.7	0.9804	0.9806	0.9807	0.9847	0.9987	0.9823	0.9954	0.9818
22.8	0.9756	0.9773	0.9773	0.9811	0.9990	0.9851	0.9956	0.9824
22.9	0.9731	0.9747	0.9742	0.9785	0.9988	0.9860	0.9925	0.9814
23.0	0.9733	0.9753	0.9744	0.9784	0.9989	0.9891	0.9917	0.9827
23.1	0.9665	0.9700	0.9684	0.9731	0.9991	0.9885	0.9915	0.9782
23.2	0.9695	0.9733	0.9718	0.9756	0.9987	0.9915	0.9912	0.9808
23.3	0.9583	0.9650	0.9625	0.9690	0.9984	0.9904	0.9864	0.9763
23.4	0.9542	0.9614	0.9582	0.9680	0.9983	0.9910	0.9827	0.9738
23.5	0.9623	0.9666	0.9644	0.9754	0.9987	0.9932	0.9843	0.9775
23.6	0.9530	0.9611	0.9586	0.9754	0.9987	0.9943	0.9835	0.9784
23.7	0.9597	0.9603	0.9625	0.9812	0.9988	0.9945	0.9764	0.9778
23.8	0.9672	0.9677	0.9714	0.9873	0.9986	0.9957	0.9704	0.9833
23.9	0.9724	0.9745	0.9776	0.9903	0.9988	0.9959	0.9731	0.9864
24.0	0.9762	0.9785	0.9820	0.9920	0.9985	0.9956	0.9560	0.9881
24.1	0.9793	0.9807	0.9842	0.9927	0.9984	0.9945	0.9283	0.9867
24.2	0.9827	0.9855	0.9868	0.9939	0.9981	0.9944	0.9385	0.9897
24.3	0.9865	0.9907	0.9895	0.9955	0.9975	0.9938	0.9036	0.9916
24.4	0.9936	0.9950	0.9948	0.9976	0.9985	0.9966	0.9552	0.9956
24.5	0.9936	0.9942	0.9948	0.9974	0.9988	0.9957	0.9650	0.9955
24.6	0.9938	0.9952	0.9951	0.9976	0.9982	0.9943	0.9708	0.9953
24.7	0.9958	0.9962	0.9958	0.9981	0.9983	0.9942	0.9746	0.9962
24.8	0.9962	0.9964	0.9963	0.9981	0.9962	0.9917	0.9625	0.9957
24.9	0.9961	0.9967	0.9962	0.9982	0.9970	0.9910	0.9782	0.9959
25.0	0.9980	0.9982	0.9980	0.9989	0.9978	0.9952	0.9866	0.9980
25.1	0.9975	0.9976	0.9977	0.9986	0.9971	0.9924	0.9880	0.9973

25.2	0.9981	0.9983	0.9982	0.9989	0.9978	0.9933	0.9928	0.9981
25.3	0.9987	0.9987	0.9986	0.9991	0.9979	0.9931	0.9940	0.9982
25.4	0.9976	0.9977	0.9979	0.9985	0.9962	0.9888	0.9915	0.9968
25.5	0.9984	0.9983	0.9984	0.9989	0.9956	0.9920	0.9922	0.9976
25.6	0.9980	0.9979	0.9982	0.9986	0.9959	0.9922	0.9911	0.9975
25.7	0.9980	0.9981	0.9981	0.9985	0.9956	0.9930	0.9945	0.9978
25.8	0.9984	0.9982	0.9980	0.9987	0.9934	0.9946	0.9918	0.9982
25.9	0.9981	0.9979	0.9979	0.9985	0.9934	0.9944	0.9947	0.9980
26.0	0.9984	0.9982	0.9983	0.9986	0.9957	0.9949	0.9956	0.9980
26.1	0.9980	0.9977	0.9975	0.9984	0.9933	0.9951	0.9953	0.9980
26.2	0.9978	0.9977	0.9973	0.9983	0.9924	0.9950	0.9955	0.9979
26.3	0.9985	0.9985	0.9982	0.9989	0.9960	0.9974	0.9980	0.9987
26.4	0.9983	0.9984	0.9983	0.9987	0.9946	0.9975	0.9972	0.9986
26.5	0.9986	0.9988	0.9986	0.9989	0.9951	0.9982	0.9972	0.9990
26.6	0.9988	0.9989	0.9985	0.9991	0.9943	0.9984	0.9966	0.9991
26.7	0.9985	0.9989	0.9985	0.9990	0.9947	0.9982	0.9973	0.9989
26.8	0.9988	0.9991	0.9988	0.9992	0.9957	0.9985	0.9982	0.9991
26.9	0.9987	0.9988	0.9983	0.9990	0.9959	0.9983	0.9979	0.9989
27.0	0.9983	0.9984	0.9980	0.9988	0.9950	0.9982	0.9980	0.9987
27.1	0.9968	0.9972	0.9967	0.9976	0.9945	0.9968	0.9981	0.9977
27.2	0.9949	0.9955	0.9948	0.9963	0.9946	0.9950	0.9983	0.9963
27.3	0.9952	0.9958	0.9951	0.9966	0.9945	0.9960	0.9984	0.9967
27.4	0.9939	0.9949	0.9940	0.9957	0.9945	0.9955	0.9986	0.9960
27.5	0.9960	0.9964	0.9956	0.9972	0.9955	0.9971	0.9992	0.9972
27.6	0.9951	0.9956	0.9949	0.9963	0.9960	0.9966	0.9991	0.9964
27.7	0.9942	0.9947	0.9944	0.9957	0.9962	0.9960	0.9992	0.9955
27.8	0.9937	0.9946	0.9938	0.9952	0.9959	0.9965	0.9993	0.9954
27.9	0.9934	0.9939	0.9934	0.9947	0.9963	0.9965	0.9993	0.9949
28.0	0.9917	0.9927	0.9920	0.9936	0.9942	0.9961	0.9991	0.9939
28.1	0.9909	0.9919	0.9911	0.9921	0.9946	0.9963	0.9992	0.9930
28.2	0.9895	0.9910	0.9904	0.9912	0.9954	0.9961	0.9991	0.9916
28.3	0.9915	0.9923	0.9921	0.9929	0.9956	0.9969	0.9994	0.9931
28.4	0.9907	0.9917	0.9911	0.9918	0.9947	0.9969	0.9996	0.9923
28.5	0.9831	0.9859	0.9836	0.9872	0.9918	0.9951	0.9993	0.9860
28.6	0.9796	0.9838	0.9812	0.9865	0.9923	0.9951	0.9992	0.9839
28.7	0.9794	0.9847	0.9806	0.9873	0.9917	0.9958	0.9994	0.9840
28.8	0.9778	0.9841	0.9808	0.9869	0.9933	0.9957	0.9995	0.9832
28.9	0.9849	0.9881	0.9862	0.9916	0.9912	0.9967	0.9995	0.9878
29.0	0.9765	0.9833	0.9762	0.9889	0.9929	0.9947	0.9995	0.9809
29.1	0.9748	0.9830	0.9705	0.9904	0.9933	0.9951	0.9993	0.9823
29.2	0.9717	0.9813	0.9686	0.9897	0.9920	0.9940	0.9991	0.9810
29.3	0.9823	0.9851	0.9775	0.9923	0.9942	0.9952	0.9995	0.9883
29.4	0.9812	0.9839	0.9763	0.9924	0.9936	0.9937	0.9996	0.9877
29.5	0.9858	0.9890	0.9813	0.9942	0.9935	0.9938	0.9995	0.9897
29.6	0.9914	0.9936	0.9884	0.9962	0.9929	0.9958	0.9993	0.9940
29.7	0.9900	0.9928	0.9868	0.9963	0.9934	0.9952	0.9993	0.9946
29.8	0.9927	0.9934	0.9906	0.9966	0.9943	0.9957	0.9995	0.9957
29.9	0.9899	0.9927	0.9873	0.9958	0.9941	0.9926	0.9990	0.9950
30.0	0.9928	0.9943	0.9899	0.9964	0.9948	0.9922	0.9992	0.9959
30.1	0.9956	0.9961	0.9929	0.9974	0.9964	0.9959	0.9995	0.9979
30.2	0.9949	0.9939	0.9922	0.9972	0.9955	0.9940	0.9994	0.9974
30.3	0.9946	0.9935	0.9911	0.9967	0.9939	0.9929	0.9992	0.9974
30.4	0.9948	0.9940	0.9915	0.9968	0.9933	0.9937	0.9992	0.9977
30.5	0.9965	0.9947	0.9938	0.9975	0.9914	0.9936	0.9989	0.9979
30.6	0.9951	0.9931	0.9930	0.9968	0.9910	0.9901	0.9989	0.9972
30.7	0.9947	0.9938	0.9922	0.9964	0.9914	0.9919	0.9990	0.9977
30.8	0.9959	0.9965	0.9954	0.9975	0.9939	0.9944	0.9991	0.9985
30.9	0.9944	0.9959	0.9949	0.9968	0.9941	0.9929	0.9993	0.9983
31.0	0.9925	0.9944	0.9920	0.9963	0.9906	0.9910	0.9988	0.9980
31.1	0.9939	0.9951	0.9933	0.9968	0.9893	0.9932	0.9987	0.9985
31.2	0.9931	0.9949	0.9921	0.9960	0.9902	0.9940	0.9986	0.9983
31.3	0.9945	0.9966	0.9944	0.9968	0.9931	0.9960	0.9990	0.9988
31.4	0.9931	0.9962	0.9937	0.9966	0.9917	0.9955	0.9992	0.9987
31.5	0.9926	0.9964	0.9937	0.9962	0.9886	0.9951	0.9993	0.9986
31.6	0.9915	0.9958	0.9926	0.9953	0.9875	0.9955	0.9990	0.9984
31.7	0.9912	0.9960	0.9929	0.9952	0.9909	0.9971	0.9991	0.9989
31.8	0.9915	0.9962	0.9931	0.9958	0.9911	0.9972	0.9992	0.9987
31.9	0.9897	0.9961	0.9924	0.9952	0.9894	0.9967	0.9991	0.9984
32.0	0.9868	0.9947	0.9908	0.9937	0.9876	0.9955	0.9985	0.9978
32.1	0.9861	0.9944	0.9900	0.9926	0.9835	0.9958	0.9984	0.9975
32.2	0.9861	0.9950	0.9897	0.9924	0.9753	0.9958	0.9982	0.9972
32.3	0.9793	0.9934	0.9853	0.9894	0.9745	0.9935	0.9978	0.9957
32.4	0.9851	0.9956	0.9902	0.9927	0.9837	0.9959	0.9981	0.9969
32.5	0.9860	0.9964	0.9916	0.9936	0.9822	0.9969	0.9984	0.9974
32.6	0.9879	0.9962	0.9922	0.9944	0.9829	0.9967	0.9984	0.9974
32.7	0.9882	0.9952	0.9925	0.9947	0.9790	0.9963	0.9987	0.9972
32.8	0.9875	0.9947	0.9925	0.9940	0.9762	0.9966	0.9985	0.9967
32.9	0.9874	0.9925	0.9910	0.9934	0.9710	0.9950	0.9979	0.9948
33.0	0.9885	0.9913	0.9913	0.9935	0.9730	0.9945	0.9972	0.9943
33.1	0.9916	0.9931	0.9934	0.9955	0.9732	0.9952	0.9969	0.9948
33.2	0.9943	0.9958	0.9954	0.9971	0.9791	0.9969	0.9974	0.9964
33.3	0.9927	0.9941	0.9944	0.9960	0.9819	0.9968	0.9977	0.9963
33.4	0.9926	0.9937	0.9933	0.9958	0.9842	0.9972	0.9980	0.9965
33.5	0.9938	0.9937	0.9934	0.9972	0.9853	0.9973	0.9977	0.9971
33.6	0.9922	0.9928	0.9914	0.9966	0.9861	0.9971	0.9977	0.9963
33.7	0.9903	0.9875	0.9854	0.9947	0.9769	0.9952	0.9962	0.9941

33.8	0.9861	0.9852	0.9828	0.9913	0.9720	0.9940	0.9945	0.9924
33.9	0.9885	0.9897	0.9880	0.9924	0.9821	0.9956	0.9961	0.9949
34.0	0.9894	0.9911	0.9873	0.9937	0.9764	0.9949	0.9958	0.9950
34.1	0.9871	0.9864	0.9858	0.9915	0.9736	0.9935	0.9944	0.9923
34.2	0.9880	0.9873	0.9869	0.9923	0.9743	0.9948	0.9940	0.9934
34.3	0.9911	0.9893	0.9880	0.9927	0.9760	0.9964	0.9951	0.9949
34.4	0.9932	0.9920	0.9902	0.9948	0.9811	0.9972	0.9967	0.9959
34.5	0.9938	0.9875	0.9878	0.9936	0.9814	0.9963	0.9969	0.9939
34.6	0.9933	0.9881	0.9886	0.9940	0.9829	0.9965	0.9965	0.9937
34.7	0.9953	0.9876	0.9909	0.9950	0.9867	0.9974	0.9968	0.9948
34.8	0.9956	0.9830	0.9883	0.9951	0.9887	0.9972	0.9967	0.9942
34.9	0.9964	0.9826	0.9885	0.9952	0.9896	0.9976	0.9973	0.9941
35.0	0.9966	0.9783	0.9856	0.9947	0.9865	0.9975	0.9979	0.9928
35.1	0.9933	0.9616	0.9692	0.9889	0.9830	0.9958	0.9968	0.9874
35.2	0.9960	0.9806	0.9820	0.9936	0.9873	0.9975	0.9973	0.9932
35.3	0.9958	0.9798	0.9719	0.9943	0.9894	0.9978	0.9972	0.9941
35.4	0.9956	0.9804	0.9582	0.9935	0.9909	0.9970	0.9975	0.9937
35.5	0.9959	0.9878	0.9601	0.9940	0.9918	0.9972	0.9975	0.9956
35.6	0.9954	0.9914	0.9663	0.9942	0.9911	0.9974	0.9984	0.9963
35.7	0.9931	0.9894	0.9661	0.9936	0.9862	0.9954	0.9975	0.9945
35.8	0.9896	0.9901	0.9679	0.9905	0.9893	0.9959	0.9978	0.9943
35.9	0.9888	0.9923	0.9788	0.9910	0.9919	0.9969	0.9982	0.9955
36.0	0.9868	0.9930	0.9738	0.9899	0.9913	0.9950	0.9978	0.9939
36.1	0.9867	0.9936	0.9731	0.9879	0.9918	0.9954	0.9974	0.9923
36.2	0.9880	0.9936	0.9728	0.9883	0.9929	0.9962	0.9974	0.9928
36.3	0.9924	0.9950	0.9820	0.9931	0.9941	0.9965	0.9984	0.9943
36.4	0.9905	0.9942	0.9722	0.9902	0.9927	0.9955	0.9987	0.9930
36.5	0.9836	0.9938	0.9508	0.9849	0.9925	0.9932	0.9983	0.9894
36.6	0.9922	0.9945	0.9516	0.9896	0.9935	0.9958	0.9980	0.9931
36.7	0.9898	0.9957	0.9455	0.9874	0.9944	0.9953	0.9985	0.9941
36.8	0.9901	0.9962	0.9579	0.9904	0.9947	0.9951	0.9989	0.9956
36.9	0.9865	0.9950	0.9393	0.9899	0.9931	0.9929	0.9984	0.9944
37.0	0.9894	0.9948	0.9555	0.9911	0.9934	0.9930	0.9983	0.9952
37.1	0.9888	0.9958	0.9518	0.9906	0.9919	0.9940	0.9980	0.9958
37.2	0.9857	0.9943	0.9497	0.9892	0.9920	0.9925	0.9977	0.9948
37.3	0.9844	0.9941	0.9592	0.9895	0.9929	0.9923	0.9980	0.9956
37.4	0.9879	0.9951	0.9756	0.9916	0.9955	0.9948	0.9985	0.9970
37.5	0.9874	0.9957	0.9735	0.9932	0.9946	0.9958	0.9985	0.9974
37.6	0.9873	0.9950	0.9724	0.9929	0.9941	0.9951	0.9982	0.9970
37.7	0.9758	0.9916	0.9766	0.9927	0.9939	0.9940	0.9975	0.9970
37.8	0.9803	0.9945	0.9797	0.9943	0.9956	0.9941	0.9979	0.9976
37.9	0.9716	0.9917	0.9796	0.9923	0.9939	0.9905	0.9972	0.9968
38.0	0.9797	0.9927	0.9843	0.9923	0.9943	0.9922	0.9974	0.9971
38.1	0.9799	0.9909	0.9874	0.9915	0.9948	0.9945	0.9967	0.9977
38.2	0.9811	0.9919	0.9867	0.9913	0.9946	0.9949	0.9971	0.9975
38.3	0.9801	0.9918	0.9887	0.9921	0.9947	0.9949	0.9972	0.9974
38.4	0.9749	0.9895	0.9864	0.9912	0.9942	0.9944	0.9965	0.9974
38.5	0.9833	0.9935	0.9895	0.9912	0.9953	0.9938	0.9973	0.9974
38.6	0.9849	0.9936	0.9879	0.9890	0.9952	0.9934	0.9971	0.9974
38.7	0.9863	0.9952	0.9859	0.9910	0.9960	0.9930	0.9970	0.9979
38.8	0.9823	0.9930	0.9863	0.9895	0.9939	0.9902	0.9961	0.9974
38.9	0.9768	0.9913	0.9864	0.9896	0.9910	0.9913	0.9949	0.9973
39.0	0.9791	0.9905	0.9850	0.9884	0.9937	0.9910	0.9945	0.9967
39.1	0.9839	0.9942	0.9890	0.9926	0.9954	0.9920	0.9963	0.9970
39.2	0.9747	0.9922	0.9816	0.9886	0.9932	0.9912	0.9951	0.9960
39.3	0.9800	0.9913	0.9876	0.9909	0.9934	0.9937	0.9949	0.9971
39.4	0.9739	0.9891	0.9873	0.9912	0.9940	0.9935	0.9912	0.9967
39.5	0.9768	0.9907	0.9874	0.9890	0.9945	0.9950	0.9907	0.9967
39.6	0.9784	0.9917	0.9853	0.9867	0.9939	0.9949	0.9890	0.9965
39.7	0.9589	0.9848	0.9757	0.9811	0.9929	0.9936	0.9857	0.9957
39.8	0.9704	0.9865	0.9817	0.9841	0.9923	0.9958	0.9870	0.9964
39.9	0.9766	0.9875	0.9887	0.9882	0.9906	0.9955	0.9884	0.9967
40.0	0.9734	0.9861	0.9892	0.9881	0.9927	0.9965	0.9837	0.9969
40.1	0.9750	0.9877	0.9891	0.9870	0.9914	0.9963	0.9841	0.9971
40.2	0.9696	0.9840	0.9859	0.9844	0.9902	0.9952	0.9793	0.9966
40.3	0.9563	0.9835	0.9828	0.9812	0.9894	0.9954	0.9769	0.9967
40.4	0.9557	0.9821	0.9829	0.9807	0.9889	0.9950	0.9791	0.9965
40.5	0.9548	0.9854	0.9816	0.9790	0.9860	0.9947	0.9844	0.9969
40.6	0.9498	0.9864	0.9804	0.9732	0.9907	0.9947	0.9882	0.9970
40.7	0.9304	0.9786	0.9807	0.9646	0.9848	0.9947	0.9833	0.9971
40.8	0.8704	0.9708	0.9697	0.9480	0.9805	0.9933	0.9818	0.9970
40.9	0.8690	0.9846	0.9697	0.9597	0.9795	0.9946	0.9840	0.9977
41.0	0.7729	0.9706	0.9468	0.9180	0.9694	0.9898	0.9808	0.9953
41.1	0.8008	0.9715	0.9593	0.9481	0.9750	0.9946	0.9904	0.9969
41.2	0.8271	0.9732	0.9650	0.9623	0.9752	0.9956	0.9901	0.9978
41.3	0.7840	0.9755	0.9537	0.9586	0.9710	0.9941	0.9914	0.9977
41.4	0.5941	0.9701	0.9177	0.9364	0.9717	0.9932	0.9918	0.9968
41.5	0.5980	0.9661	0.9244	0.9538	0.9710	0.9929	0.9923	0.9973
41.6	0.7550	0.9764	0.9358	0.9649	0.9707	0.9926	0.9939	0.9980
41.7	0.7034	0.9778	0.8806	0.9493	0.9626	0.9919	0.9930	0.9973
41.8	0.7930	0.9769	0.8313	0.9344	0.9476	0.9919	0.9911	0.9968
41.9	0.8566	0.9804	0.8567	0.9513	0.9491	0.9920	0.9940	0.9971
42.0	0.9190	0.9775	0.9085	0.9652	0.9448	0.9911	0.9953	0.9971
42.1	0.9059	0.9682	0.8616	0.9536	0.9586	0.9910	0.9942	0.9961
42.2	0.8456	0.9647	0.8133	0.9280	0.9370	0.9882	0.9941	0.9949
42.3	0.8800	0.9713	0.8925	0.9593	0.9576	0.9920	0.9961	0.9966

42.4	0.8867	0.9613	0.8881	0.9582	0.9363	0.9897	0.9939	0.9961
42.5	0.8906	0.9493	0.8742	0.9461	0.8804	0.9864	0.9918	0.9953
42.6	0.9207	0.9635	0.8975	0.9660	0.8885	0.9890	0.9953	0.9970
42.7	0.9471	0.9559	0.8959	0.9654	0.9110	0.9874	0.9942	0.9974
42.8	0.9636	0.9646	0.9367	0.9729	0.8974	0.9906	0.9951	0.9980
42.9	0.9609	0.9631	0.9396	0.9754	0.9079	0.9894	0.9953	0.9973
43.0	0.9365	0.9469	0.9099	0.9672	0.8581	0.9853	0.9924	0.9962
43.1	0.9624	0.9488	0.9217	0.9764	0.8607	0.9880	0.9926	0.9975
43.2	0.9687	0.9540	0.9360	0.9830	0.8567	0.9927	0.9931	0.9986
43.3	0.9647	0.9531	0.9100	0.9759	0.8556	0.9930	0.9951	0.9984
43.4	0.9528	0.9625	0.9058	0.9768	0.8921	0.9935	0.9971	0.9984
43.5	0.9487	0.9444	0.8826	0.9715	0.8605	0.9909	0.9965	0.9982
43.6	0.9568	0.9419	0.9078	0.9773	0.8887	0.9915	0.9963	0.9983
43.7	0.9693	0.9541	0.9231	0.9812	0.8888	0.9920	0.9961	0.9986
43.8	0.9743	0.9472	0.9173	0.9847	0.8337	0.9919	0.9961	0.9986
43.9	0.9738	0.9595	0.9326	0.9832	0.7827	0.9902	0.9967	0.9987
44.0	0.9510	0.9318	0.8984	0.9654	0.7407	0.9887	0.9973	0.9979
44.1	0.9318	0.9331	0.8890	0.9573	0.6978	0.9857	0.9955	0.9971
44.2	0.9399	0.9178	0.8763	0.9620	0.6975	0.9851	0.9961	0.9974
44.3	0.9323	0.9017	0.8774	0.9534	0.6190	0.9815	0.9955	0.9966
44.4	0.9305	0.9183	0.8784	0.9543	0.6687	0.9837	0.9958	0.9963
44.5	0.9144	0.9291	0.8638	0.9492	0.6087	0.9854	0.9967	0.9973
44.6	0.9117	0.9061	0.8593	0.9386	0.5873	0.9837	0.9969	0.9964
44.7	0.9142	0.9194	0.8583	0.9392	0.6761	0.9870	0.9978	0.9970
44.8	0.8853	0.9115	0.8089	0.9288	0.7461	0.9884	0.9984	0.9978
44.9	0.9011	0.7958	0.6321	0.9291	0.5891	0.9799	0.9971	0.9970
45.0	0.9387	0.8464	0.7973	0.9530	0.5673	0.9812	0.9973	0.9967
45.1	0.9596	0.9281	0.9017	0.9699	0.6383	0.9891	0.9977	0.9980
45.2	0.9582	0.9232	0.8697	0.9681	0.6308	0.9862	0.9979	0.9981
45.3	0.9342	0.9085	0.7985	0.9604	0.6986	0.9884	0.9981	0.9982
45.4	0.9532	0.8729	0.7090	0.9679	0.7411	0.9904	0.9984	0.9984
45.5	0.9638	0.8444	0.7510	0.9765	0.7236	0.9899	0.9989	0.9989
45.6	0.9603	0.8329	0.7879	0.9735	0.6988	0.9877	0.9991	0.9990
45.7	0.9570	0.8400	0.7983	0.9744	0.7089	0.9793	0.9989	0.9983
45.8	0.9651	0.8767	0.8541	0.9786	0.7679	0.9866	0.9990	0.9987
45.9	0.9704	0.9171	0.8906	0.9805	0.7911	0.9876	0.9991	0.9987
46.0	0.9622	0.9384	0.8899	0.9772	0.7265	0.9852	0.9989	0.9988
46.1	0.9181	0.8619	0.7652	0.9599	0.6782	0.9750	0.9987	0.9974
46.2	0.9121	0.8512	0.6834	0.9583	0.7076	0.9762	0.9987	0.9976
46.3	0.9333	0.9156	0.8206	0.9709	0.7655	0.9771	0.9987	0.9985
46.4	0.9570	0.9446	0.8971	0.9818	0.7957	0.9778	0.9989	0.9986
46.5	0.9329	0.9284	0.8856	0.9762	0.7833	0.9801	0.9990	0.9985
46.6	0.9166	0.9212	0.8390	0.9725	0.8205	0.9821	0.9990	0.9987
46.7	0.8411	0.8770	0.7213	0.9700	0.8097	0.9717	0.9990	0.9985
46.8	0.7415	0.8222	0.5586	0.9651	0.7782	0.9699	0.9989	0.9985
46.9	0.7781	0.8465	0.7675	0.9800	0.8062	0.9687	0.9990	0.9988
47.0	0.8212	0.8973	0.8348	0.9873	0.7926	0.9713	0.9991	0.9991
47.1	0.8417	0.9170	0.8744	0.9858	0.8122	0.9715	0.9990	0.9992
47.2	0.8342	0.9113	0.8920	0.9820	0.8742	0.9653	0.9990	0.9993
47.3	0.8632	0.9350	0.9101	0.9845	0.8847	0.9682	0.9989	0.9993
47.4	0.7213	0.8992	0.8720	0.9824	0.8632	0.9690	0.9988	0.9993
47.5	0.6895	0.8790	0.8004	0.9729	0.8673	0.9592	0.9986	0.9988
47.6	0.8036	0.9092	0.8846	0.9760	0.8572	0.9493	0.9984	0.9989
47.7	0.8211	0.9366	0.9261	0.9851	0.8697	0.9378	0.9984	0.9993
47.8	0.8600	0.9637	0.9509	0.9882	0.8956	0.9433	0.9983	0.9992
47.9	0.6147	0.8975	0.9216	0.9842	0.8334	0.9145	0.9979	0.9989
48.0	0.6468	0.9233	0.9349	0.9894	0.8805	0.9295	0.9985	0.9992
48.1	0.8908	0.9734	0.9394	0.9897	0.9164	0.9554	0.9988	0.9992
48.2	0.9398	0.9837	0.9318	0.9880	0.9298	0.9614	0.9986	0.9993
48.3	0.8502	0.9740	0.8892	0.9810	0.8758	0.9483	0.9981	0.9990
48.4	0.8363	0.9646	0.8335	0.9780	0.8373	0.9405	0.9979	0.9989
48.5	0.8656	0.9695	0.8747	0.9813	0.8997	0.9352	0.9983	0.9992
48.6	0.8001	0.9302	0.7815	0.9652	0.8602	0.8971	0.9978	0.9991
48.7	0.8392	0.9028	0.8677	0.9686	0.7902	0.8645	0.9975	0.9989
48.8	0.9226	0.9551	0.9286	0.9776	0.8971	0.9095	0.9979	0.9993
48.9	0.9137	0.9611	0.9046	0.9777	0.8931	0.9075	0.9971	0.9989
49.0	0.9213	0.9587	0.8932	0.9826	0.8148	0.9021	0.9963	0.9989
49.1	0.8994	0.9414	0.8779	0.9765	0.8321	0.8829	0.9976	0.9990
49.2	0.8851	0.9179	0.8434	0.9678	0.8022	0.8658	0.9969	0.9989
49.3	0.8938	0.9413	0.8917	0.9747	0.8507	0.9124	0.9975	0.9989
49.4	0.8795	0.9346	0.8741	0.9680	0.8704	0.8915	0.9968	0.9990
49.5	0.8420	0.9004	0.7824	0.9447	0.8419	0.8079	0.9948	0.9986
49.6	0.8912	0.9358	0.8296	0.9590	0.8735	0.8477	0.9963	0.9986
49.7	0.6804	0.7556	0.6775	0.8964	0.8747	0.8818	0.9967	0.9989
49.8	0.4834	0.4480	0.3481	0.6670	0.8423	0.8053	0.9974	0.9982
49.9	0.5867	0.6412	0.5140	0.8003	0.7855	0.7768	0.9950	0.9973
50.0	0.8632	0.8880	0.7589	0.9271	0.7367	0.6141	0.9955	0.9970
50.1	0.8051	0.7961	0.7206	0.9059	0.5241	0.1071	0.9957	0.9894
50.2	0.8686	0.8305	0.8040	0.9341	0.5226	0.1027	0.9952	0.9879
50.3	0.9685	0.9513	0.8851	0.9598	0.8255	0.6512	0.9950	0.9976
50.4	0.9638	0.9568	0.7758	0.9026	0.8109	0.7615	0.9953	0.9976
50.5	0.9503	0.9366	0.7807	0.8992	0.7795	0.7387	0.9949	0.9973
50.6	0.9572	0.9583	0.8729	0.9547	0.8449	0.8533	0.9950	0.9982
50.7	0.9106	0.9259	0.7601	0.9060	0.8287	0.7957	0.9914	0.9977
50.8	0.9262	0.9361	0.7865	0.9260	0.8720	0.8024	0.9958	0.9981
50.9	0.9391	0.9287	0.8180	0.9362	0.8821	0.8182	0.9965	0.9977

51.0	0.9246	0.9165	0.7967	0.9232	0.8349	0.7752	0.9942	0.9960
51.1	0.9198	0.9065	0.8030	0.9182	0.8043	0.7125	0.9915	0.9953
51.2	0.9605	0.9573	0.9227	0.9632	0.8697	0.8291	0.9952	0.9973
51.3	0.8925	0.9090	0.8602	0.9444	0.8354	0.7659	0.9952	0.9962
51.4	0.8556	0.8358	0.7997	0.9427	0.7548	0.4206	0.9950	0.9951
51.5	0.8931	0.8246	0.8253	0.9428	0.7940	0.3975	0.9930	0.9945
51.6	0.9659	0.9268	0.9394	0.9737	0.8532	0.7255	0.9909	0.9978
51.7	0.9781	0.9527	0.9551	0.9823	0.8766	0.7826	0.9933	0.9981
51.8	0.9761	0.9618	0.9553	0.9824	0.9114	0.7911	0.9945	0.9982
51.9	0.9812	0.9705	0.9637	0.9832	0.9047	0.8435	0.9947	0.9980
52.0	0.9846	0.9686	0.9716	0.9871	0.9166	0.8583	0.9960	0.9986
52.1	0.9802	0.9721	0.9635	0.9842	0.9129	0.8036	0.9926	0.9984
52.2	0.9858	0.9800	0.9764	0.9881	0.9101	0.8631	0.9941	0.9986
52.3	0.9777	0.9753	0.9652	0.9840	0.9100	0.8428	0.9955	0.9982
52.4	0.9702	0.9611	0.9492	0.9769	0.8876	0.8065	0.9933	0.9973
52.5	0.9860	0.9824	0.9789	0.9891	0.9002	0.8844	0.9953	0.9982
52.6	0.9847	0.9826	0.9756	0.9897	0.9096	0.9050	0.9962	0.9986
52.7	0.9754	0.9719	0.9548	0.9818	0.9152	0.8575	0.9939	0.9978
52.8	0.9727	0.9553	0.9407	0.9752	0.8933	0.8130	0.9921	0.9974
52.9	0.9225	0.8834	0.8319	0.9417	0.8993	0.7566	0.9896	0.9958
53.0	0.9573	0.9202	0.9134	0.9679	0.8705	0.6872	0.9894	0.9970
53.1	0.9771	0.9666	0.9617	0.9831	0.8991	0.7800	0.9928	0.9977
53.2	0.9738	0.9674	0.9622	0.9807	0.8739	0.7923	0.9932	0.9977
53.3	0.9806	0.9749	0.9719	0.9848	0.8551	0.8334	0.9928	0.9977
53.4	0.9767	0.9757	0.9709	0.9820	0.8785	0.8154	0.9926	0.9981
53.5	0.9645	0.9613	0.9558	0.9726	0.8808	0.8076	0.9946	0.9976
53.6	0.9652	0.9589	0.9523	0.9722	0.8723	0.7284	0.9946	0.9970
53.7	0.9554	0.9589	0.9449	0.9722	0.8801	0.7847	0.9955	0.9967
53.8	0.9496	0.9529	0.9368	0.9670	0.9005	0.8376	0.9943	0.9968
53.9	0.9722	0.9778	0.9663	0.9806	0.8694	0.8706	0.9937	0.9976
54.0	0.9852	0.9865	0.9833	0.9908	0.8774	0.8897	0.9958	0.9984
54.1	0.9712	0.9742	0.9678	0.9825	0.8636	0.8456	0.9958	0.9972
54.2	0.9620	0.9646	0.9526	0.9743	0.8747	0.8495	0.9953	0.9967
54.3	0.9763	0.9741	0.9686	0.9806	0.8625	0.8867	0.9957	0.9969
54.4	0.9805	0.9784	0.9734	0.9824	0.8139	0.8877	0.9939	0.9967
54.5	0.9805	0.9848	0.9782	0.9842	0.8907	0.9161	0.9965	0.9974
54.6	0.9824	0.9866	0.9826	0.9859	0.9223	0.9451	0.9980	0.9978
54.7	0.9732	0.9779	0.9718	0.9800	0.9109	0.9335	0.9975	0.9976
54.8	0.9762	0.9756	0.9679	0.9806	0.8853	0.9114	0.9969	0.9976
54.9	0.9848	0.9822	0.9808	0.9884	0.8762	0.9093	0.9968	0.9977
55.0	0.9886	0.9842	0.9853	0.9900	0.8867	0.9117	0.9974	0.9981
55.1	0.9906	0.9893	0.9901	0.9923	0.8664	0.9163	0.9972	0.9986
55.2	0.9904	0.9893	0.9902	0.9929	0.8844	0.9276	0.9970	0.9985
55.3	0.9878	0.9857	0.9851	0.9893	0.8970	0.9111	0.9978	0.9982
55.4	0.9854	0.9863	0.9822	0.9875	0.8897	0.8778	0.9982	0.9980
55.5	0.9759	0.9769	0.9661	0.9796	0.8870	0.8874	0.9975	0.9973
55.6	0.9845	0.9839	0.9822	0.9862	0.8925	0.9073	0.9982	0.9984
55.7	0.9891	0.9881	0.9888	0.9904	0.8946	0.9036	0.9983	0.9987
55.8	0.9917	0.9905	0.9912	0.9926	0.9045	0.9062	0.9981	0.9984
55.9	0.9871	0.9870	0.9861	0.9896	0.8876	0.8903	0.9978	0.9975
56.0	0.9639	0.9692	0.9595	0.9701	0.8552	0.8778	0.9974	0.9956
56.1	0.9585	0.9625	0.9495	0.9662	0.9067	0.8743	0.9977	0.9956
56.2	0.9830	0.9862	0.9829	0.9884	0.9078	0.9059	0.9973	0.9974
56.3	0.9872	0.9909	0.9893	0.9925	0.9329	0.9255	0.9980	0.9983
56.4	0.9815	0.9882	0.9864	0.9887	0.9123	0.9013	0.9977	0.9981
56.5	0.9861	0.9869	0.9871	0.9897	0.9121	0.8930	0.9979	0.9979
56.6	0.9881	0.9866	0.9860	0.9906	0.9067	0.9059	0.9983	0.9982
56.7	0.9891	0.9889	0.9861	0.9905	0.9170	0.9037	0.9980	0.9980
56.8	0.9917	0.9914	0.9900	0.9910	0.9327	0.8926	0.9980	0.9978
56.9	0.9928	0.9904	0.9884	0.9927	0.9434	0.9016	0.9985	0.9983
57.0	0.9904	0.9895	0.9878	0.9901	0.9553	0.8904	0.9980	0.9984
57.1	0.9819	0.9815	0.9786	0.9820	0.9381	0.8876	0.9984	0.9977
57.2	0.9760	0.9774	0.9694	0.9754	0.9305	0.8482	0.9982	0.9975
57.3	0.9878	0.9852	0.9809	0.9893	0.9464	0.8845	0.9984	0.9985
57.4	0.9911	0.9891	0.9851	0.9915	0.9509	0.8701	0.9984	0.9983
57.5	0.9907	0.9896	0.9884	0.9918	0.9581	0.8776	0.9987	0.9978
57.6	0.9811	0.9754	0.9704	0.9832	0.9133	0.7432	0.9971	0.9965
57.7	0.9831	0.9771	0.9601	0.9810	0.9227	0.7241	0.9955	0.9975
57.8	0.9842	0.9811	0.9727	0.9847	0.9384	0.8373	0.9972	0.9981
57.9	0.9853	0.9842	0.9772	0.9850	0.9414	0.8454	0.9981	0.9980
58.0	0.9833	0.9834	0.9826	0.9866	0.9489	0.7672	0.9969	0.9976
58.1	0.9761	0.9823	0.9771	0.9863	0.9453	0.7164	0.9976	0.9973
58.2	0.9856	0.9884	0.9853	0.9897	0.9656	0.8037	0.9985	0.9982
58.3	0.9849	0.9875	0.9827	0.9873	0.9575	0.7800	0.9982	0.9981
58.4	0.9863	0.9847	0.9810	0.9857	0.9593	0.7123	0.9970	0.9979
58.5	0.9852	0.9835	0.9793	0.9828	0.9675	0.6446	0.9977	0.9980
58.6	0.9860	0.9874	0.9831	0.9865	0.9566	0.5790	0.9978	0.9978
58.7	0.9862	0.9883	0.9868	0.9894	0.9639	0.5565	0.9979	0.9977
58.8	0.9867	0.9854	0.9789	0.9864	0.9665	0.4061	0.9976	0.9978
58.9	0.9829	0.9823	0.9768	0.9829	0.9547	0.1802	0.9979	0.9962
59.0	0.9757	0.9798	0.9771	0.9833	0.9514	0.0998	0.9982	0.9964
59.1	0.9761	0.9808	0.9765	0.9865	0.9575	0.0809	0.9981	0.9965
59.2	0.9839	0.9859	0.9743	0.9863	0.9587	0.3961	0.9983	0.9974
59.3	0.9850	0.9812	0.9733	0.9809	0.9609	0.6717	0.9980	0.9966
59.4	0.9864	0.9834	0.9811	0.9865	0.9646	0.8283	0.9981	0.9965
59.5	0.9827	0.9815	0.9778	0.9838	0.9509	0.8517	0.9969	0.9961

59.6	0.9791	0.9837	0.9761	0.9790	0.9508	0.8988	0.9961	0.9966
59.7	0.9805	0.9856	0.9748	0.9806	0.9274	0.9158	0.9968	0.9972
59.8	0.9806	0.9780	0.9723	0.9835	0.9245	0.9009	0.9961	0.9973
59.9	0.8497	0.7514	0.6240	0.6734	0.2241	0.1008	0.9912	0.7613
60.0	0.5743	0.4201	0.2913	0.3290	0.0902	0.0537	0.9632	0.3422
60.1	0.8288	0.7306	0.6069	0.6478	0.2756	0.1596	0.9861	0.6827
60.2	0.9901	0.9932	0.9835	0.9885	0.9560	0.9633	0.9974	0.9981
60.3	0.9895	0.9915	0.9834	0.9873	0.9490	0.9613	0.9972	0.9981
60.4	0.9854	0.9870	0.9754	0.9804	0.9294	0.9562	0.9962	0.9966
60.5	0.9860	0.9884	0.9796	0.9836	0.9558	0.9553	0.9968	0.9973
60.6	0.9855	0.9897	0.9835	0.9843	0.9582	0.9528	0.9978	0.9981
60.7	0.9870	0.9889	0.9837	0.9821	0.9491	0.9562	0.9969	0.9970
60.8	0.9893	0.9908	0.9881	0.9858	0.9704	0.9704	0.9975	0.9975
60.9	0.9871	0.9912	0.9884	0.9884	0.9742	0.9690	0.9974	0.9978
61.0	0.9836	0.9892	0.9858	0.9853	0.9741	0.9661	0.9977	0.9980
61.1	0.9799	0.9858	0.9810	0.9807	0.9621	0.9603	0.9975	0.9977
61.2	0.9862	0.9878	0.9828	0.9861	0.9711	0.9666	0.9969	0.9979
61.3	0.9817	0.9856	0.9764	0.9849	0.9690	0.9624	0.9951	0.9965
61.4	0.9705	0.9814	0.9692	0.9748	0.9562	0.9467	0.9942	0.9954
61.5	0.9828	0.9883	0.9817	0.9835	0.9737	0.9565	0.9969	0.9974
61.6	0.9858	0.9901	0.9812	0.9870	0.9794	0.9713	0.9979	0.9974
61.7	0.9839	0.9844	0.9775	0.9828	0.9725	0.9657	0.9971	0.9965
61.8	0.9807	0.9810	0.9772	0.9763	0.9638	0.9636	0.9971	0.9963
61.9	0.9820	0.9847	0.9846	0.9845	0.9767	0.9707	0.9973	0.9967
62.0	0.9835	0.9835	0.9807	0.9864	0.9797	0.9805	0.9967	0.9969
62.1	0.9802	0.9827	0.9781	0.9819	0.9751	0.9724	0.9959	0.9963
62.2	0.9804	0.9822	0.9757	0.9791	0.9779	0.9705	0.9959	0.9971
62.3	0.9793	0.9757	0.9723	0.9798	0.9774	0.9646	0.9961	0.9956
62.4	0.9820	0.9800	0.9774	0.9816	0.9766	0.9713	0.9961	0.9963
62.5	0.9827	0.9818	0.9785	0.9815	0.9792	0.9633	0.9966	0.9967
62.6	0.9782	0.9775	0.9729	0.9814	0.9753	0.9645	0.9963	0.9962
62.7	0.9763	0.9835	0.9759	0.9815	0.9810	0.9702	0.9958	0.9959
62.8	0.9660	0.9770	0.9731	0.9714	0.9786	0.9643	0.9928	0.9941
62.9	0.9748	0.9803	0.9769	0.9797	0.9790	0.9701	0.9945	0.9962
63.0	0.9861	0.9883	0.9827	0.9848	0.9887	0.9832	0.9967	0.9973
63.1	0.9823	0.9828	0.9763	0.9843	0.9875	0.9796	0.9961	0.9967
63.2	0.9735	0.9727	0.9644	0.9795	0.9820	0.9728	0.9953	0.9944
63.3	0.9718	0.9810	0.9689	0.9771	0.9840	0.9778	0.9949	0.9947
63.4	0.9712	0.9784	0.9662	0.9684	0.9798	0.9715	0.9945	0.9946
63.5	0.9779	0.9878	0.9734	0.9817	0.9880	0.9827	0.9968	0.9964
63.6	0.9760	0.9806	0.9622	0.9798	0.9808	0.9776	0.9948	0.9963
63.7	0.9726	0.9849	0.9761	0.9815	0.9803	0.9783	0.9938	0.9961
63.8	0.9764	0.9871	0.9798	0.9821	0.9813	0.9786	0.9945	0.9959
63.9	0.9751	0.9831	0.9754	0.9810	0.9825	0.9743	0.9943	0.9955
64.0	0.9810	0.9793	0.9778	0.9826	0.9810	0.9672	0.9946	0.9955
64.1	0.9801	0.9808	0.9771	0.9839	0.9869	0.9712	0.9952	0.9958
64.2	0.9731	0.9773	0.9702	0.9762	0.9831	0.9627	0.9923	0.9946
64.3	0.9718	0.9736	0.9591	0.9751	0.9759	0.9660	0.9928	0.9929
64.4	0.9722	0.9794	0.9726	0.9795	0.9764	0.9701	0.9904	0.9930
64.5	0.9765	0.9812	0.9768	0.9776	0.9818	0.9737	0.9896	0.9947
64.6	0.9817	0.9740	0.9688	0.9758	0.9817	0.9665	0.9913	0.9936
64.7	0.9816	0.9785	0.9743	0.9821	0.9772	0.9770	0.9909	0.9928
64.8	0.9834	0.9819	0.9774	0.9867	0.9782	0.9810	0.9896	0.9943
64.9	0.9787	0.9745	0.9712	0.9778	0.9747	0.9679	0.9876	0.9927
65.0	0.9788	0.9778	0.9749	0.9766	0.9815	0.9700	0.9914	0.9941
65.1	0.9749	0.9827	0.9785	0.9768	0.9816	0.9748	0.9919	0.9945
65.2	0.9748	0.9817	0.9762	0.9797	0.9776	0.9754	0.9902	0.9909
65.3	0.9801	0.9851	0.9782	0.9814	0.9794	0.9798	0.9917	0.9936
65.4	0.9838	0.9835	0.9816	0.9800	0.9792	0.9779	0.9900	0.9942
65.5	0.9833	0.9840	0.9821	0.9812	0.9764	0.9718	0.9871	0.9924
65.6	0.9828	0.9848	0.9828	0.9827	0.9780	0.9729	0.9882	0.9932
65.7	0.9857	0.9852	0.9842	0.9848	0.9783	0.9755	0.9927	0.9943
65.8	0.9877	0.9882	0.9871	0.9859	0.9793	0.9803	0.9879	0.9944
65.9	0.9862	0.9862	0.9862	0.9843	0.9726	0.9741	0.9840	0.9911
66.0	0.9832	0.9869	0.9852	0.9835	0.9690	0.9743	0.9838	0.9906
66.1	0.9818	0.9841	0.9824	0.9822	0.9648	0.9730	0.9840	0.9892
66.2	0.9827	0.9797	0.9793	0.9790	0.9567	0.9674	0.9785	0.9873
66.3	0.9874	0.9859	0.9861	0.9840	0.9715	0.9742	0.9837	0.9892
66.4	0.9884	0.9892	0.9878	0.9882	0.9724	0.9754	0.9866	0.9914
66.5	0.9893	0.9902	0.9892	0.9898	0.9762	0.9706	0.9878	0.9915
66.6	0.9889	0.9894	0.9875	0.9889	0.9764	0.9699	0.9861	0.9914
66.7	0.9886	0.9902	0.9897	0.9888	0.9776	0.9722	0.9840	0.9931
66.8	0.9891	0.9903	0.9910	0.9886	0.9730	0.9839	0.9855	0.9908
66.9	0.9873	0.9890	0.9891	0.9891	0.9694	0.9815	0.9831	0.9903
67.0	0.9868	0.9869	0.9857	0.9872	0.9698	0.9777	0.9817	0.9892
67.1	0.9875	0.9893	0.9872	0.9879	0.9758	0.9755	0.9845	0.9914
67.2	0.9899	0.9908	0.9887	0.9889	0.9698	0.9759	0.9798	0.9911
67.3	0.9918	0.9921	0.9917	0.9913	0.9716	0.9796	0.9840	0.9924
67.4	0.9898	0.9915	0.9908	0.9896	0.9738	0.9774	0.9848	0.9904
67.5	0.9863	0.9883	0.9856	0.9834	0.9640	0.9715	0.9829	0.9879
67.6	0.9850	0.9869	0.9842	0.9834	0.9672	0.9745	0.9810	0.9882
67.7	0.9888	0.9921	0.9912	0.9895	0.9729	0.9825	0.9832	0.9910
67.8	0.9895	0.9902	0.9904	0.9894	0.9681	0.9794	0.9843	0.9891
67.9	0.9887	0.9888	0.9879	0.9873	0.9671	0.9748	0.9836	0.9869
68.0	0.9895	0.9904	0.9896	0.9893	0.9773	0.9767	0.9856	0.9897
68.1	0.9901	0.9899	0.9911	0.9894	0.9729	0.9772	0.9824	0.9897

68.2	0.9881	0.9881	0.9895	0.9854	0.9688	0.9715	0.9824	0.9897
68.3	0.9885	0.9904	0.9896	0.9861	0.9700	0.9786	0.9854	0.9914
68.4	0.9867	0.9897	0.9883	0.9849	0.9695	0.9751	0.9768	0.9903
68.5	0.9885	0.9907	0.9909	0.9883	0.9714	0.9770	0.9787	0.9906
68.6	0.9913	0.9915	0.9903	0.9912	0.9740	0.9792	0.9809	0.9931
68.7	0.9875	0.9881	0.9875	0.9868	0.9648	0.9727	0.9746	0.9905
68.8	0.9873	0.9877	0.9859	0.9831	0.9697	0.9741	0.9780	0.9885
68.9	0.9925	0.9938	0.9924	0.9886	0.9775	0.9839	0.9843	0.9927
69.0	0.9874	0.9897	0.9875	0.9854	0.9699	0.9706	0.9813	0.9892
69.1	0.9849	0.9861	0.9844	0.9841	0.9653	0.9637	0.9784	0.9887
69.2	0.9863	0.9879	0.9884	0.9837	0.9609	0.9754	0.9789	0.9889
69.3	0.9881	0.9901	0.9900	0.9882	0.9690	0.9840	0.9808	0.9896
69.4	0.9894	0.9900	0.9885	0.9877	0.9705	0.9845	0.9836	0.9894
69.5	0.9860	0.9872	0.9864	0.9795	0.9629	0.9664	0.9747	0.9875
69.6	0.9813	0.9814	0.9824	0.9770	0.9582	0.9536	0.9630	0.9828
69.7	0.9856	0.9856	0.9865	0.9836	0.9671	0.9608	0.9736	0.9879
69.8	0.9850	0.9844	0.9841	0.9786	0.9629	0.9597	0.9756	0.9844
69.9	0.9787	0.9794	0.9777	0.9718	0.9535	0.9499	0.9676	0.9756
70.0	0.9783	0.9806	0.9775	0.9760	0.9536	0.9554	0.9641	0.9807
70.1	0.9790	0.9799	0.9798	0.9767	0.9538	0.9527	0.9628	0.9837
70.2	0.9817	0.9813	0.9823	0.9736	0.9507	0.9695	0.9682	0.9844
70.3	0.9826	0.9846	0.9836	0.9761	0.9427	0.9659	0.9703	0.9866
70.4	0.9829	0.9862	0.9856	0.9786	0.9519	0.9471	0.9683	0.9872
70.5	0.9887	0.9872	0.9897	0.9834	0.9592	0.9668	0.9714	0.9895
70.6	0.9871	0.9798	0.9849	0.9759	0.9480	0.9598	0.9630	0.9850
70.7	0.9809	0.9762	0.9828	0.9721	0.9280	0.9396	0.9541	0.9801
70.8	0.9729	0.9723	0.9784	0.9669	0.9290	0.9445	0.9524	0.9747
70.9	0.9792	0.9798	0.9815	0.9729	0.9357	0.9612	0.9606	0.9801
71.0	0.9808	0.9825	0.9832	0.9728	0.9414	0.9466	0.9631	0.9837
71.1	0.9775	0.9799	0.9766	0.9697	0.9468	0.9344	0.9648	0.9813
71.2	0.9817	0.9796	0.9826	0.9744	0.9387	0.9493	0.9623	0.9807
71.3	0.9773	0.9770	0.9794	0.9613	0.9266	0.9303	0.9570	0.9787
71.4	0.9754	0.9747	0.9767	0.9642	0.9233	0.9200	0.9533	0.9785
71.5	0.9794	0.9752	0.9765	0.9616	0.9285	0.9146	0.9568	0.9733
71.6	0.9782	0.9790	0.9814	0.9648	0.9318	0.9147	0.9646	0.9774
71.7	0.9763	0.9778	0.9789	0.9635	0.9337	0.9246	0.9692	0.9810
71.8	0.9722	0.9773	0.9743	0.9509	0.9321	0.9035	0.9636	0.9746
71.9	0.9782	0.9748	0.9714	0.9325	0.9327	0.8896	0.9559	0.9713
72.0	0.9721	0.9662	0.9656	0.9096	0.8931	0.8571	0.9420	0.9686
72.1	0.9751	0.9646	0.9648	0.9004	0.8902	0.8442	0.9449	0.9744
72.2	0.9782	0.9643	0.9675	0.8839	0.8853	0.8645	0.9409	0.9734
72.3	0.9670	0.9650	0.9652	0.8836	0.8956	0.8877	0.9563	0.9685
72.4	0.9693	0.9686	0.9552	0.8525	0.8987	0.8813	0.9609	0.9731
72.5	0.9669	0.9621	0.9536	0.8321	0.8667	0.8828	0.9423	0.9695
72.6	0.9685	0.9650	0.9456	0.7917	0.8438	0.8855	0.9391	0.9731
72.7	0.9626	0.9396	0.9003	0.6671	0.8170	0.8653	0.9209	0.9609
72.8	0.9661	0.9348	0.9192	0.7012	0.8325	0.8892	0.9218	0.9616
72.9	0.9574	0.9361	0.9128	0.6496	0.8151	0.8512	0.9159	0.9450
73.0	0.9604	0.9379	0.9226	0.5160	0.8316	0.8629	0.9289	0.9479
73.1	0.9614	0.9359	0.9157	0.5488	0.8563	0.8909	0.9333	0.9613
73.2	0.9593	0.9348	0.9000	0.4528	0.8156	0.8776	0.9331	0.9597
73.3	0.9570	0.9237	0.8975	0.4913	0.7735	0.8711	0.9258	0.9523
73.4	0.9543	0.9128	0.9067	0.5745	0.7648	0.8806	0.9133	0.9437
73.5	0.9527	0.9352	0.9212	0.6561	0.7955	0.9133	0.9221	0.9468
73.6	0.9473	0.9267	0.8864	0.5648	0.7605	0.8898	0.9076	0.9334
73.7	0.9545	0.9133	0.9053	0.6214	0.8264	0.8872	0.9230	0.9373
73.8	0.9472	0.9155	0.8929	0.5690	0.7799	0.8556	0.9179	0.9463
73.9	0.9457	0.9031	0.8926	0.4193	0.7149	0.8450	0.9142	0.9357
74.0	0.9521	0.8891	0.9287	0.5932	0.7373	0.8810	0.9173	0.9460
74.1	0.9384	0.8768	0.9117	0.6139	0.7418	0.8714	0.8995	0.9262
74.2	0.9229	0.8707	0.8832	0.5255	0.6769	0.8682	0.9087	0.9066
74.3	0.9328	0.8532	0.8716	0.5339	0.6468	0.8744	0.9156	0.9193
74.4	0.9166	0.7756	0.8714	0.5227	0.6119	0.8930	0.8914	0.9185
74.5	0.9097	0.7941	0.8864	0.5315	0.5458	0.8877	0.8875	0.8949
74.6	0.9152	0.8008	0.8911	0.5827	0.6658	0.9126	0.8919	0.9037
74.7	0.9082	0.7699	0.8706	0.4661	0.6257	0.8840	0.8941	0.8987
74.8	0.8997	0.7114	0.8436	0.5060	0.6281	0.8989	0.8854	0.8629
74.9	0.9068	0.7434	0.8805	0.5548	0.6497	0.9308	0.8909	0.8768
75.0	0.9063	0.7299	0.8930	0.5101	0.6298	0.9148	0.8992	0.8840
75.1	0.9061	0.6702	0.8658	0.4755	0.6504	0.8891	0.8922	0.8571
75.2	0.8584	0.6374	0.8115	0.3166	0.4512	0.8806	0.8852	0.7907
75.3	0.8713	0.6080	0.7927	0.3993	0.3362	0.8997	0.9018	0.8143
75.4	0.8728	0.6410	0.8300	0.3364	0.5558	0.9044	0.9067	0.8195
75.5	0.8652	0.6241	0.8185	0.3908	0.4974	0.9040	0.8541	0.8545
75.6	0.8431	0.5276	0.7912	0.2785	0.4669	0.9098	0.8313	0.8478
75.7	0.8756	0.4615	0.8542	0.3342	0.4713	0.9275	0.8520	0.8439
75.8	0.8471	0.4992	0.8567	0.3654	0.4255	0.9147	0.8317	0.7950
75.9	0.7676	0.3879	0.7832	0.2599	0.2645	0.8885	0.7917	0.7698
76.0	0.7445	0.4348	0.7586	0.1834	0.3598	0.9012	0.8149	0.7322
76.1	0.7674	0.3503	0.7578	0.1949	0.4874	0.9028	0.8491	0.7666
76.2	0.7368	0.4039	0.7766	0.1429	0.4515	0.8854	0.8337	0.6861
76.3	0.7371	0.3466	0.6792	0.0904	0.3902	0.8783	0.8091	0.7192
76.4	0.7501	0.3894	0.7013	0.1343	0.4452	0.8903	0.8500	0.8022
76.5	0.6831	0.3387	0.6986	0.0722	0.4571	0.9073	0.8701	0.7658
76.6	0.6278	0.2999	0.6928	0.1702	0.4237	0.8854	0.8467	0.7453
76.7	0.5954	0.3801	0.6292	0.2197	0.6183	0.9063	0.8487	0.7895

76.8	0.5941	0.3611	0.6404	0.2918	0.6038	0.9274	0.8715	0.8513
76.9	0.6427	0.3619	0.6664	0.2448	0.5863	0.9412	0.8706	0.8603
77.0	0.5245	0.2537	0.6470	0.1329	0.4709	0.9298	0.8464	0.8681
77.1	0.4623	0.2169	0.5642	0.1691	0.3914	0.9147	0.8040	0.8573
77.2	0.5731	0.2761	0.5468	0.2708	0.4632	0.9259	0.8536	0.8958
77.3	0.6277	0.1478	0.4863	0.3459	0.4574	0.9132	0.8540	0.9015
77.4	0.5073	0.0423	0.3691	0.2807	0.5238	0.8915	0.8241	0.8570
77.5	0.5873	0.0740	0.4523	0.3975	0.4899	0.9027	0.8301	0.8902
77.6	0.6251	0.0621	0.5804	0.3584	0.4672	0.9151	0.8686	0.9036
77.7	0.6141	0.0631	0.5456	0.3537	0.4813	0.9108	0.8498	0.8740
77.8	0.6685	0.1247	0.6293	0.3045	0.5296	0.9326	0.8586	0.8904
77.9	0.7291	0.0471	0.6543	0.3687	0.5187	0.9225	0.8507	0.9189
78.0	0.6934	0.0506	0.5998	0.3706	0.4068	0.9105	0.8672	0.9016
78.1	0.7110	0.0137	0.5898	0.4116	0.4718	0.9177	0.8245	0.8973
78.2	0.7892	0.0180	0.6508	0.4476	0.5743	0.9116	0.8344	0.9239
78.3	0.7618	0.0280	0.6276	0.5425	0.6106	0.9298	0.8323	0.9171
78.4	0.7802	0.0871	0.7274	0.6236	0.6569	0.9078	0.8368	0.9287
78.5	0.7710	0.1908	0.6833	0.4785	0.5842	0.8927	0.8560	0.9198
78.6	0.8367	0.1725	0.7483	0.5103	0.5835	0.9197	0.8218	0.9237
78.7	0.8311	0.1961	0.7517	0.5416	0.6282	0.9264	0.8640	0.9424
78.8	0.8445	0.1895	0.7131	0.5634	0.6010	0.9045	0.8711	0.9459
78.9	0.8611	0.1700	0.6940	0.6733	0.4549	0.8987	0.7964	0.9572
79.0	0.8519	0.1119	0.7134	0.6746	0.3238	0.9133	0.7564	0.9640
79.1	0.8413	0.0036	0.7281	0.6657	0.4086	0.8983	0.7599	0.9555
79.2	0.9031	0.0428	0.8104	0.6551	0.5410	0.8770	0.6877	0.9509
79.3	0.9091	0.0726	0.8181	0.5981	0.5703	0.8853	0.7150	0.9480
79.4	0.9041	0.1309	0.8266	0.6324	0.6470	0.8990	0.7019	0.9570
79.5	0.9028	0.0997	0.8430	0.6066	0.6241	0.8884	0.6769	0.9653
79.6	0.9153	0.1252	0.8341	0.6080	0.6507	0.9192	0.7566	0.9694
79.7	0.8937	0.0796	0.7814	0.6004	0.5997	0.8927	0.7229	0.9483
79.8	0.8829	0.0703	0.8101	0.6009	0.5741	0.8733	0.7425	0.9490
79.9	0.8537	0.2104	0.7951	0.5060	0.6841	0.8917	0.7454	0.9471
80.0	0.8666	0.1658	0.7940	0.5703	0.7097	0.9055	0.8008	0.9517

1.2.31 Run 9 – IP270A10 – NF and AF gauges

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9976	0.9849	0.9984	0.9997	0.7729	0.9264	0.8033	0.9172
0.1	0.9735	0.9062	0.9870	0.9980	0.3886	0.5762	0.3354	0.5372
0.2	0.0060	0.0194	0.5625	0.6109	0.0407	0.0200	0.0109	0.0620
0.3	0.1159	0.0331	0.9336	0.9497	0.0251	0.0227	0.0441	0.0673
0.4	0.2207	0.4773	0.9929	0.9933	0.3974	0.1939	0.3545	0.1832
0.5	0.3268	0.6965	0.9968	0.9973	0.6210	0.2246	0.5024	0.2700
0.6	0.2499	0.5009	0.9936	0.9935	0.4321	0.1482	0.3125	0.1460
0.7	0.1788	0.4983	0.9963	0.9958	0.3794	0.3051	0.2165	0.2804
0.8	0.2510	0.1285	0.9949	0.9977	0.1127	0.1294	0.1245	0.1691
0.9	0.3123	0.1344	0.9816	0.9955	0.2127	0.2234	0.2317	0.2027
1.0	0.0181	0.0214	0.9691	0.9916	0.0231	0.0093	0.0055	0.0842
1.1	0.7652	0.7885	0.9991	0.9994	0.8229	0.6398	0.7041	0.8112
1.2	0.9336	0.9702	0.9997	0.9997	0.9696	0.8901	0.9410	0.8953
1.3	0.9501	0.9858	0.9998	0.9998	0.9829	0.9239	0.9640	0.9268
1.4	0.9641	0.9858	0.9998	0.9997	0.9828	0.9387	0.9707	0.9569
1.5	0.9597	0.9835	0.9998	0.9998	0.9592	0.8801	0.9265	0.9367
1.6	0.9811	0.9881	0.9995	0.9995	0.9633	0.8892	0.9288	0.9484
1.7	0.9859	0.9927	0.9989	0.9990	0.9895	0.9602	0.9774	0.9800
1.8	0.9764	0.9861	0.9962	0.9966	0.9842	0.9533	0.9557	0.9628
1.9	0.9625	0.9831	0.9929	0.9938	0.9848	0.9572	0.9421	0.9636
2.0	0.8950	0.9691	0.9714	0.9748	0.9641	0.9150	0.9038	0.9132
2.1	0.9214	0.9665	0.9720	0.9780	0.9478	0.9220	0.9394	0.8893
2.2	0.9265	0.9282	0.9899	0.9922	0.8119	0.7753	0.8105	0.7744
2.3	0.7238	0.7350	0.9963	0.9976	0.5413	0.5089	0.5280	0.5349
2.4	0.5368	0.5805	0.9989	0.9990	0.3544	0.3538	0.2972	0.4085
2.5	0.9133	0.9364	0.9995	0.9994	0.4747	0.5996	0.2612	0.6934
2.6	0.9761	0.9850	0.9996	0.9996	0.3882	0.0678	0.6290	0.3746
2.7	0.9883	0.9937	0.9998	0.9998	0.9172	0.6600	0.9444	0.4979
2.8	0.9919	0.9965	0.9998	0.9998	0.9793	0.9178	0.9845	0.8271
2.9	0.9947	0.9971	0.9999	0.9999	0.9896	0.9611	0.9911	0.9247
3.0	0.9944	0.9976	0.9999	0.9999	0.9938	0.9706	0.9941	0.9368
3.1	0.9944	0.9978	0.9999	0.9999	0.9940	0.9721	0.9943	0.9538
3.2	0.9937	0.9978	0.9999	0.9999	0.9943	0.9807	0.9936	0.9537
3.3	0.9949	0.9980	0.9999	0.9999	0.9967	0.9871	0.9951	0.9607
3.4	0.9969	0.9985	1.0000	1.0000	0.9979	0.9891	0.9969	0.9725
3.5	0.9969	0.9984	1.0000	1.0000	0.9974	0.9893	0.9970	0.9786
3.6	0.9962	0.9986	0.9999	0.9999	0.9968	0.9901	0.9966	0.9769
3.7	0.9957	0.9984	0.9999	0.9999	0.9964	0.9880	0.9967	0.9768
3.8	0.9960	0.9978	1.0000	1.0000	0.9975	0.9861	0.9968	0.9773
3.9	0.9958	0.9979	1.0000	1.0000	0.9977	0.9894	0.9970	0.9801
4.0	0.9945	0.9983	1.0000	1.0000	0.9974	0.9894	0.9969	0.9798
4.1	0.9955	0.9986	1.0000	1.0000	0.9977	0.9913	0.9972	0.9833
4.2	0.9966	0.9986	1.0000	1.0000	0.9976	0.9918	0.9979	0.9803
4.3	0.9954	0.9982	1.0000	1.0000	0.9973	0.9855	0.9969	0.9747
4.4	0.9929	0.9982	1.0000	1.0000	0.9971	0.9877	0.9955	0.9780
4.5	0.9926	0.9978	1.0000	1.0000	0.9964	0.9885	0.9941	0.9806
4.6	0.9936	0.9975	1.0000	1.0000	0.9958	0.9873	0.9948	0.9783
4.7	0.9930	0.9975	1.0000	1.0000	0.9961	0.9823	0.9944	0.9727
4.8	0.9889	0.9973	1.0000	0.9999	0.9966	0.9808	0.9946	0.9635
4.9	0.9877	0.9975	1.0000	1.0000	0.9963	0.9783	0.9944	0.9549
5.0	0.9901	0.9965	1.0000	1.0000	0.9950	0.9791	0.9937	0.9557
5.1	0.9909	0.9965	1.0000	1.0000	0.9940	0.9820	0.9929	0.9661
5.2	0.9836	0.9958	1.0000	0.9999	0.9942	0.9724	0.9908	0.9642
5.3	0.9840	0.9961	1.0000	0.9999	0.9919	0.9648	0.9880	0.9593
5.4	0.9863	0.9961	1.0000	0.9999	0.9904	0.9641	0.9880	0.9613
5.5	0.9825	0.9953	1.0000	0.9999	0.9864	0.9530	0.9829	0.9481
5.6	0.9787	0.9943	1.0000	0.9999	0.9842	0.9535	0.9825	0.9522
5.7	0.9832	0.9947	0.9999	0.9999	0.9861	0.9664	0.9859	0.9647
5.8	0.9831	0.9951	1.0000	0.9999	0.9868	0.9685	0.9854	0.9591
5.9	0.9768	0.9955	0.9999	0.9999	0.9871	0.9642	0.9847	0.9451
6.0	0.9832	0.9958	0.9999	0.9999	0.9874	0.9617	0.9856	0.9580
6.1	0.9867	0.9959	1.0000	0.9999	0.9911	0.9745	0.9868	0.9713
6.2	0.9756	0.9933	0.9999	0.9999	0.9879	0.9581	0.9774	0.9654
6.3	0.9780	0.9938	0.9999	0.9999	0.9899	0.9666	0.9832	0.9651
6.4	0.9731	0.9920	0.9999	0.9999	0.9866	0.9686	0.9827	0.9633
6.5	0.9591	0.9906	0.9999	0.9998	0.9747	0.9359	0.9649	0.9504
6.6	0.9687	0.9922	0.9999	0.9998	0.9780	0.9443	0.9717	0.9545
6.7	0.9486	0.9887	0.9998	0.9998	0.9565	0.9168	0.9559	0.9258
6.8	0.9340	0.9848	0.9998	0.9997	0.9458	0.9069	0.9450	0.9149
6.9	0.8850	0.9796	0.9998	0.9995	0.8887	0.8522	0.9013	0.8343
7.0	0.7628	0.9610	0.9998	0.9995	0.7569	0.6824	0.7841	0.6866
7.1	0.7446	0.9668	0.9998	0.9998	0.7367	0.6267	0.7781	0.6331
7.2	0.8525	0.9815	0.9999	0.9998	0.8528	0.6257	0.8663	0.5948
7.3	0.8819	0.9860	0.9999	0.9998	0.9112	0.6596	0.8994	0.6454
7.4	0.8704	0.9799	0.9999	0.9997	0.9329	0.6947	0.8966	0.7635
7.5	0.8827	0.9783	0.9999	0.9996	0.9475	0.7593	0.9152	0.8345
7.6	0.8746	0.9737	0.9999	0.9996	0.9494	0.7580	0.8939	0.8557
7.7	0.9010	0.9731	0.9999	0.9996	0.9548	0.7946	0.9072	0.8894
7.8	0.8932	0.9710	0.9999	0.9995	0.9518	0.7859	0.9061	0.8762
7.9	0.8873	0.9743	0.9998	0.9995	0.9461	0.7418	0.9012	0.8321

8.0	0.9057	0.9751	0.9998	0.9996	0.9553	0.8116	0.9176	0.8596
8.1	0.9061	0.9720	0.9998	0.9996	0.9572	0.8306	0.9289	0.9068
8.2	0.9322	0.9776	0.9999	0.9997	0.9691	0.8601	0.9457	0.9101
8.3	0.9097	0.9693	0.9998	0.9997	0.9606	0.8103	0.9301	0.8803
8.4	0.9221	0.9711	0.9998	0.9997	0.9660	0.8530	0.9369	0.9063
8.5	0.9228	0.9727	0.9998	0.9994	0.9633	0.8639	0.9264	0.9136
8.6	0.9139	0.9693	0.9998	0.9995	0.9556	0.8504	0.9249	0.9111
8.7	0.9075	0.9701	0.9998	0.9996	0.9607	0.8299	0.9245	0.9126
8.8	0.8978	0.9632	0.9998	0.9994	0.9587	0.8236	0.9048	0.9175
8.9	0.8688	0.9551	0.9997	0.9993	0.9446	0.8070	0.8905	0.9090
9.0	0.8658	0.9459	0.9995	0.9991	0.9266	0.7985	0.8686	0.8675
9.1	0.8843	0.9566	0.9996	0.9993	0.9453	0.8204	0.8903	0.8981
9.2	0.8571	0.9419	0.9996	0.9993	0.9323	0.7942	0.8749	0.8703
9.3	0.8417	0.9259	0.9996	0.9992	0.9022	0.7871	0.8254	0.8739
9.4	0.8088	0.9049	0.9995	0.9992	0.8608	0.6989	0.7399	0.8218
9.5	0.7654	0.8899	0.9994	0.9991	0.8311	0.5371	0.6278	0.6813
9.6	0.7944	0.9339	0.9996	0.9993	0.9007	0.3570	0.7333	0.6992
9.7	0.7786	0.9458	0.9995	0.9992	0.9344	0.2716	0.7731	0.7222
9.8	0.7897	0.9478	0.9994	0.9990	0.9340	0.2951	0.8014	0.6644
9.9	0.7883	0.9458	0.9992	0.9988	0.9255	0.3891	0.7956	0.7134
10.0	0.7593	0.9330	0.9990	0.9984	0.9267	0.4907	0.7648	0.7143
10.1	0.8173	0.9452	0.9992	0.9988	0.9441	0.6100	0.8692	0.7688
10.2	0.7877	0.9372	0.9989	0.9984	0.9414	0.5179	0.8015	0.7379
10.3	0.7610	0.9467	0.9991	0.9986	0.9389	0.4429	0.7148	0.7988
10.4	0.6815	0.9317	0.9991	0.9986	0.9017	0.3343	0.5323	0.7758
10.5	0.4533	0.9004	0.9990	0.9985	0.7720	0.2568	0.0840	0.7345
10.6	0.4751	0.8878	0.9990	0.9985	0.6165	0.2861	0.3547	0.6311
10.7	0.5198	0.8594	0.9989	0.9984	0.5795	0.4737	0.6802	0.5614
10.8	0.3733	0.8046	0.9987	0.9984	0.5164	0.6778	0.7936	0.5159
10.9	0.5691	0.8312	0.9986	0.9981	0.7082	0.7773	0.8678	0.3810
11.0	0.7995	0.8901	0.9990	0.9986	0.8700	0.8856	0.9345	0.4731
11.1	0.8409	0.8933	0.9986	0.9982	0.8824	0.8948	0.9432	0.5068
11.2	0.8675	0.8554	0.9983	0.9980	0.8897	0.8854	0.9240	0.4746
11.3	0.8956	0.9219	0.9981	0.9972	0.9306	0.9165	0.9314	0.6554
11.4	0.9112	0.9232	0.9980	0.9973	0.9316	0.9188	0.9269	0.7818
11.5	0.9172	0.9329	0.9980	0.9973	0.9356	0.9207	0.9339	0.8116
11.6	0.9479	0.9599	0.9983	0.9977	0.9639	0.9412	0.9548	0.9028
11.7	0.9576	0.9696	0.9982	0.9977	0.9720	0.9534	0.9583	0.9228
11.8	0.9512	0.9673	0.9982	0.9978	0.9683	0.9424	0.9515	0.9325
11.9	0.9359	0.9572	0.9979	0.9974	0.9564	0.9233	0.9424	0.8994
12.0	0.9153	0.9407	0.9972	0.9968	0.9450	0.8881	0.9262	0.8307
12.1	0.9135	0.9419	0.9976	0.9972	0.9507	0.8757	0.9347	0.8608
12.2	0.8958	0.9378	0.9968	0.9963	0.9443	0.8572	0.9296	0.8382
12.3	0.9061	0.9418	0.9970	0.9966	0.9510	0.8814	0.9430	0.8576
12.4	0.9205	0.9517	0.9976	0.9970	0.9548	0.9108	0.9528	0.8735
12.5	0.9195	0.9539	0.9978	0.9975	0.9527	0.9097	0.9462	0.9093
12.6	0.9124	0.9579	0.9971	0.9967	0.9526	0.9061	0.9451	0.9159
12.7	0.9087	0.9606	0.9967	0.9960	0.9550	0.9118	0.9518	0.9194
12.8	0.8861	0.9462	0.9955	0.9947	0.9385	0.8766	0.9377	0.9001
12.9	0.9020	0.9510	0.9958	0.9952	0.9457	0.8889	0.9301	0.9175
13.0	0.9151	0.9524	0.9959	0.9953	0.9507	0.9032	0.9242	0.9357
13.1	0.8921	0.9379	0.9948	0.9940	0.9347	0.8719	0.8918	0.9185
13.2	0.8913	0.9370	0.9958	0.9952	0.9387	0.8730	0.8902	0.9222
13.3	0.8752	0.9306	0.9939	0.9931	0.9286	0.8554	0.8907	0.9037
13.4	0.8715	0.9271	0.9941	0.9934	0.9257	0.8430	0.8791	0.8899
13.5	0.8522	0.9200	0.9933	0.9923	0.9160	0.8147	0.8457	0.8792
13.6	0.8260	0.9116	0.9898	0.9886	0.8946	0.7945	0.8372	0.8730
13.7	0.7927	0.8860	0.9888	0.9873	0.8747	0.7564	0.8198	0.8494
13.8	0.8651	0.9257	0.9923	0.9913	0.9161	0.8329	0.8923	0.8885
13.9	0.8454	0.9120	0.9878	0.9866	0.9074	0.8065	0.8796	0.8689
14.0	0.8254	0.8969	0.9831	0.9815	0.8917	0.7940	0.8690	0.8406
14.1	0.8488	0.9182	0.9881	0.9871	0.9098	0.8204	0.8908	0.8635
14.2	0.8255	0.9061	0.9856	0.9846	0.8940	0.7728	0.8653	0.8551
14.3	0.7873	0.8821	0.9808	0.9798	0.8695	0.7262	0.8284	0.8261
14.4	0.7740	0.8650	0.9787	0.9771	0.8537	0.7169	0.8324	0.7824
14.5	0.7678	0.8679	0.9753	0.9742	0.8462	0.7115	0.8395	0.7693
14.6	0.7818	0.8785	0.9785	0.9774	0.8533	0.7050	0.8351	0.8016
14.7	0.7199	0.8508	0.9738	0.9725	0.8223	0.6233	0.7706	0.7776
14.8	0.6189	0.7753	0.9636	0.9623	0.7333	0.4609	0.7060	0.6155
14.9	0.6666	0.7846	0.9715	0.9705	0.7572	0.4645	0.7515	0.5844
15.0	0.6339	0.7125	0.9640	0.9633	0.7254	0.4147	0.6052	0.6173
15.1	0.5659	0.6154	0.9517	0.9511	0.6601	0.3393	0.5095	0.6140
15.2	0.4770	0.4851	0.9400	0.9389	0.5756	0.2179	0.4554	0.4908
15.3	0.4908	0.5165	0.9217	0.9209	0.5811	0.2111	0.4686	0.5128
15.4	0.5571	0.5739	0.9249	0.9243	0.6403	0.2666	0.5429	0.5695
15.5	0.6277	0.6406	0.9244	0.9242	0.6956	0.3670	0.6345	0.6353
15.6	0.6111	0.6338	0.8931	0.8931	0.6667	0.3914	0.6167	0.6186
15.7	0.6035	0.6349	0.8945	0.8959	0.6694	0.3842	0.6156	0.5975
15.8	0.6080	0.6501	0.9168	0.9179	0.7008	0.3537	0.6200	0.6295
15.9	0.6921	0.7191	0.9176	0.9191	0.7597	0.4936	0.7118	0.7015
16.0	0.5114	0.5606	0.9359	0.9380	0.6261	0.2651	0.5649	0.5001
16.1	0.5523	0.5889	0.9643	0.9652	0.6444	0.2902	0.6053	0.4686
16.2	0.5837	0.6198	0.9772	0.9779	0.6442	0.2961	0.6170	0.4737
16.3	0.6237	0.6401	0.9834	0.9838	0.6533	0.4322	0.6846	0.3876
16.4	0.6180	0.6245	0.9822	0.9827	0.6381	0.4950	0.6822	0.3995
16.5	0.6633	0.6685	0.9880	0.9884	0.6816	0.5707	0.7150	0.5079

16.6	0.6268	0.6443	0.9879	0.9883	0.6603	0.5283	0.6814	0.5171
16.7	0.5975	0.6329	0.9848	0.9850	0.6443	0.4840	0.6582	0.5140
16.8	0.5313	0.5666	0.9848	0.9850	0.5775	0.3834	0.5837	0.4565
16.9	0.5155	0.5338	0.9869	0.9872	0.5586	0.3556	0.5736	0.4030
17.0	0.4636	0.4824	0.9874	0.9873	0.4990	0.3198	0.5074	0.3638
17.1	0.3417	0.3878	0.9811	0.9799	0.3766	0.2338	0.3677	0.3043
17.2	0.0977	0.1657	0.9869	0.9860	0.1356	0.0514	0.1241	0.1248
17.3	0.0265	0.0549	0.9920	0.9917	0.0524	0.0100	0.0688	0.0102
17.4	0.1601	0.1754	0.9920	0.9915	0.1942	0.0563	0.2179	0.0386
17.5	0.1838	0.2123	0.9944	0.9942	0.2512	0.0562	0.2730	0.0534
17.6	0.3015	0.2988	0.9955	0.9953	0.3687	0.1678	0.3980	0.1281
17.7	0.5174	0.4996	0.9943	0.9940	0.5494	0.3592	0.5656	0.3311
17.8	0.5024	0.4867	0.9953	0.9954	0.5382	0.3025	0.5340	0.3281
17.9	0.5621	0.5374	0.9948	0.9949	0.5842	0.3638	0.5733	0.4104
18.0	0.5990	0.5499	0.9937	0.9938	0.6016	0.3844	0.5950	0.4073
18.1	0.6723	0.6336	0.9947	0.9949	0.6617	0.4469	0.6533	0.4786
18.2	0.7386	0.7122	0.9954	0.9957	0.7272	0.5294	0.7244	0.5611
18.3	0.7526	0.7341	0.9959	0.9962	0.7352	0.5022	0.7237	0.5707
18.4	0.7385	0.7149	0.9955	0.9958	0.7032	0.4732	0.6837	0.5184
18.5	0.7150	0.7209	0.9951	0.9957	0.6964	0.4559	0.6712	0.5016
18.6	0.5372	0.6234	0.9944	0.9952	0.5942	0.2936	0.5770	0.4148
18.7	0.4573	0.6034	0.9955	0.9957	0.6094	0.1916	0.6377	0.4098
18.8	0.6145	0.6599	0.9950	0.9952	0.6979	0.3509	0.7284	0.5043
18.9	0.4216	0.4309	0.9914	0.9916	0.4766	0.1075	0.5258	0.2800
19.0	0.3769	0.3489	0.9919	0.9924	0.3952	0.0341	0.4962	0.2090
19.1	0.4726	0.3823	0.9947	0.9949	0.4547	0.0820	0.6013	0.2259
19.2	0.6168	0.5067	0.9955	0.9956	0.5833	0.1521	0.7121	0.2994
19.3	0.6859	0.5714	0.9946	0.9949	0.6458	0.2807	0.7648	0.2702
19.4	0.6036	0.4758	0.9925	0.9928	0.5569	0.2086	0.7069	0.1764
19.5	0.7050	0.5911	0.9950	0.9955	0.6517	0.2584	0.7861	0.3438
19.6	0.7039	0.5885	0.9941	0.9946	0.6284	0.2529	0.7874	0.3123
19.7	0.6882	0.5726	0.9934	0.9941	0.6030	0.1695	0.7863	0.4261
19.8	0.7122	0.6136	0.9945	0.9949	0.6414	0.1633	0.8336	0.5051
19.9	0.6323	0.5636	0.9939	0.9943	0.5753	0.1169	0.8014	0.4867
20.0	0.6601	0.6286	0.9942	0.9943	0.6080	0.0985	0.8244	0.5251
20.1	0.7398	0.7057	0.9940	0.9943	0.6786	0.1900	0.8740	0.5766
20.2	0.6295	0.6031	0.9941	0.9946	0.5605	0.0932	0.8349	0.7147
20.3	0.5890	0.5704	0.9942	0.9948	0.5231	0.1381	0.8226	0.6980
20.4	0.6279	0.5790	0.9933	0.9940	0.5414	0.1385	0.8336	0.7109
20.5	0.6619	0.6235	0.9937	0.9942	0.6010	0.1967	0.8611	0.7926
20.6	0.6494	0.6253	0.9940	0.9946	0.6143	0.2147	0.8648	0.8132
20.7	0.5600	0.5195	0.9901	0.9910	0.5475	0.2558	0.8325	0.7977
20.8	0.6182	0.5589	0.9907	0.9919	0.5899	0.2663	0.8361	0.8379
20.9	0.6946	0.6564	0.9919	0.9928	0.6656	0.2608	0.8778	0.8810
21.0	0.6490	0.6058	0.9894	0.9903	0.6173	0.2204	0.8686	0.8503
21.1	0.6277	0.5895	0.9867	0.9883	0.6032	0.3263	0.8524	0.8466
21.2	0.5862	0.5554	0.9878	0.9886	0.5575	0.3527	0.8551	0.8873
21.3	0.5530	0.4708	0.9882	0.9889	0.5003	0.4360	0.8316	0.9129
21.4	0.5177	0.4745	0.9879	0.9886	0.4702	0.3528	0.8454	0.9078
21.5	0.4004	0.3821	0.9850	0.9860	0.3849	0.3273	0.8297	0.8636
21.6	0.5005	0.4294	0.9882	0.9894	0.4855	0.4433	0.8280	0.8775
21.7	0.5284	0.4204	0.9871	0.9886	0.5176	0.5377	0.8204	0.8647
21.8	0.4685	0.3376	0.9812	0.9830	0.4608	0.3735	0.7841	0.8265
21.9	0.4216	0.2480	0.9818	0.9832	0.3940	0.3102	0.6910	0.7903
22.0	0.4476	0.2802	0.9856	0.9868	0.4194	0.3606	0.6857	0.8123
22.1	0.5083	0.3533	0.9842	0.9848	0.4892	0.4458	0.6489	0.8100
22.2	0.5186	0.3742	0.9813	0.9825	0.4936	0.3602	0.5513	0.7508
22.3	0.4641	0.3240	0.9769	0.9792	0.4359	0.2713	0.5120	0.7111
22.4	0.5082	0.3806	0.9759	0.9781	0.4684	0.3304	0.3726	0.7071
22.5	0.5896	0.4799	0.9839	0.9850	0.5477	0.4105	0.2908	0.7412
22.6	0.6017	0.4806	0.9842	0.9852	0.5621	0.3822	0.2324	0.6973
22.7	0.5578	0.4436	0.9806	0.9819	0.5422	0.3444	0.2421	0.6396
22.8	0.5451	0.4056	0.9778	0.9780	0.5053	0.2882	0.1605	0.5937
22.9	0.5989	0.4217	0.9822	0.9825	0.5442	0.3538	0.1096	0.6309
23.0	0.6615	0.4538	0.9801	0.9799	0.5703	0.3317	0.1769	0.6184
23.1	0.6213	0.4170	0.9804	0.9801	0.5304	0.2732	0.1503	0.5737
23.2	0.5666	0.3218	0.9790	0.9777	0.4468	0.2269	0.0720	0.4934
23.3	0.5180	0.2297	0.9746	0.9739	0.3331	0.1574	0.0178	0.3846
23.4	0.4363	0.1849	0.9759	0.9762	0.2145	0.1216	0.0335	0.2994
23.5	0.5521	0.2905	0.9760	0.9751	0.3076	0.1174	0.0457	0.3104
23.6	0.5674	0.2868	0.9691	0.9676	0.2955	0.1326	0.0328	0.2759
23.7	0.6052	0.2992	0.9749	0.9716	0.3458	0.1026	0.0271	0.3346
23.8	0.6404	0.3025	0.9631	0.9554	0.3537	0.1545	0.0381	0.3551
23.9	0.6322	0.3268	0.9747	0.9702	0.3755	0.1778	0.0930	0.2346
24.0	0.6409	0.3748	0.9789	0.9742	0.3843	0.2215	0.1261	0.2084
24.1	0.5437	0.1775	0.9671	0.9590	0.2381	0.1187	0.0298	0.1125
24.2	0.6031	0.2974	0.9733	0.9672	0.3738	0.0880	0.1211	0.1655
24.3	0.5774	0.2615	0.9737	0.9680	0.3516	0.1291	0.1595	0.1441
24.4	0.3982	0.0722	0.9588	0.9521	0.1372	0.1199	0.0570	0.0827
24.5	0.4132	0.1564	0.9563	0.9465	0.1847	0.0152	0.1480	0.0180
24.6	0.5900	0.2953	0.9577	0.9435	0.4038	0.0723	0.2836	0.0705
24.7	0.6264	0.3694	0.9646	0.9473	0.5055	0.2237	0.3486	0.1992
24.8	0.5548	0.2228	0.9697	0.9562	0.3540	0.1525	0.2535	0.2140
24.9	0.5090	0.1267	0.9716	0.9621	0.2473	0.1584	0.1926	0.1961
25.0	0.5347	0.2130	0.9682	0.9569	0.3072	0.2194	0.2243	0.2127
25.1	0.5301	0.1415	0.9656	0.9513	0.2756	0.1636	0.1448	0.2290

25.2	0.5229	0.1371	0.9566	0.9384	0.2461	0.0688	0.1852	0.1061
25.3	0.5114	0.1080	0.9569	0.9365	0.2520	0.1338	0.1281	0.1350
25.4	0.5276	0.0949	0.9452	0.9200	0.2825	0.1488	0.1637	0.1473
25.5	0.5341	0.1634	0.9345	0.9047	0.3061	0.0528	0.3161	0.0922
25.6	0.5045	0.0522	0.9354	0.9029	0.2358	0.0350	0.3888	0.0973
25.7	0.5171	0.1144	0.9517	0.9192	0.2548	0.0811	0.3341	0.1073
25.8	0.4448	0.0638	0.9245	0.8759	0.1994	0.1412	0.2190	0.2326
25.9	0.5195	0.0372	0.9348	0.8797	0.2921	0.0712	0.2367	0.1373
26.0	0.5334	0.2049	0.9369	0.8900	0.4356	0.0045	0.3248	0.0141
26.1	0.4204	0.0395	0.9257	0.8767	0.2902	0.0992	0.2901	0.1003
26.2	0.4161	0.0047	0.9229	0.8833	0.2051	0.1745	0.2676	0.2437
26.3	0.3749	0.0138	0.9128	0.8560	0.1019	0.1919	0.1505	0.3013
26.4	0.3413	0.0382	0.9050	0.8309	0.0377	0.2454	0.1491	0.3385
26.5	0.3293	0.0544	0.9183	0.8582	0.1210	0.2426	0.3309	0.3247
26.6	0.3526	0.0183	0.9184	0.8598	0.1419	0.1600	0.2751	0.3306
26.7	0.4069	0.0423	0.9060	0.8357	0.1427	0.1492	0.2467	0.3539
26.8	0.3639	0.1483	0.8938	0.8308	0.0794	0.2643	0.3019	0.4265
26.9	0.4391	0.1508	0.9145	0.8619	0.1970	0.1307	0.4891	0.3762
27.0	0.4511	0.1178	0.9200	0.8649	0.3226	0.0444	0.5722	0.3219
27.1	0.3881	0.0658	0.9011	0.8283	0.3308	0.1114	0.6001	0.3247
27.2	0.5202	0.0434	0.8907	0.8121	0.3720	0.1322	0.6251	0.2023
27.3	0.4826	0.0724	0.8574	0.7637	0.3482	0.1425	0.4753	0.1855
27.4	0.6179	0.1605	0.8954	0.8133	0.5497	0.2371	0.6257	0.1653
27.5	0.5602	0.1141	0.9080	0.8353	0.5036	0.2361	0.6183	0.1184
27.6	0.4346	0.0859	0.8807	0.7850	0.4342	0.1919	0.6155	0.0829
27.7	0.5526	0.0856	0.9034	0.8239	0.5737	0.3241	0.6804	0.0369
27.8	0.6052	0.0848	0.9033	0.8269	0.6071	0.4799	0.6981	0.0644
27.9	0.4727	0.0662	0.9035	0.8142	0.4998	0.4629	0.6415	0.0214
28.0	0.4699	0.1156	0.9227	0.8437	0.4727	0.3819	0.6488	0.0886
28.1	0.5069	0.0706	0.9165	0.8360	0.5456	0.4687	0.6546	0.1192
28.2	0.4523	0.0888	0.9004	0.8035	0.5477	0.5339	0.6233	0.1538
28.3	0.4242	0.0664	0.8906	0.7752	0.5415	0.6025	0.6291	0.1547
28.4	0.5366	0.1349	0.9286	0.8532	0.6862	0.6874	0.7130	0.3677
28.5	0.6162	0.2232	0.9225	0.8704	0.7308	0.7494	0.7718	0.4315
28.6	0.5958	0.2211	0.9195	0.8656	0.7307	0.7578	0.7601	0.4936
28.7	0.5841	0.1757	0.9226	0.8576	0.6818	0.7462	0.7133	0.5182
28.8	0.4947	0.1394	0.9185	0.8358	0.6130	0.6738	0.6542	0.4977
28.9	0.5811	0.2946	0.9395	0.8733	0.7116	0.7646	0.7328	0.6536
29.0	0.6291	0.3332	0.9140	0.8762	0.7611	0.8037	0.8023	0.6605
29.1	0.6274	0.2881	0.9233	0.8739	0.7618	0.7704	0.7694	0.6581
29.2	0.6268	0.2622	0.9105	0.8578	0.7212	0.7206	0.7390	0.6573
29.3	0.7014	0.3926	0.9377	0.9022	0.7714	0.7820	0.7980	0.7140
29.4	0.6759	0.4040	0.9268	0.9064	0.7535	0.7579	0.7651	0.6720
29.5	0.6937	0.3458	0.9136	0.9036	0.7643	0.7689	0.7855	0.6454
29.6	0.6399	0.4475	0.9006	0.8733	0.7217	0.7807	0.7539	0.6660
29.7	0.6247	0.4985	0.8975	0.8510	0.7018	0.7370	0.6900	0.6919
29.8	0.6573	0.4331	0.8736	0.8367	0.7375	0.7589	0.7176	0.7212
29.9	0.6393	0.3764	0.8968	0.8652	0.7147	0.7760	0.7375	0.7074
30.0	0.6457	0.4309	0.9165	0.8766	0.7426	0.8053	0.7720	0.7108
30.1	0.6955	0.5421	0.9150	0.8786	0.7885	0.8196	0.7829	0.7613
30.2	0.6667	0.6350	0.9007	0.8701	0.7807	0.7881	0.7414	0.7749
30.3	0.5298	0.5323	0.8544	0.8123	0.6902	0.7303	0.6438	0.7093
30.4	0.5898	0.5022	0.8329	0.7970	0.7313	0.7789	0.6858	0.7542
30.5	0.6472	0.5395	0.8585	0.8195	0.7518	0.7964	0.7314	0.7305
30.6	0.6920	0.6406	0.8801	0.8614	0.7882	0.8302	0.7811	0.7422
30.7	0.7566	0.6696	0.8885	0.8811	0.8364	0.8687	0.8316	0.8151
30.8	0.7174	0.5876	0.8442	0.8346	0.8443	0.8580	0.8099	0.8238
30.9	0.6879	0.5654	0.8383	0.8297	0.8264	0.8319	0.7865	0.8073
31.0	0.6930	0.6050	0.8620	0.8371	0.8238	0.8325	0.7992	0.7733
31.1	0.7299	0.6331	0.8756	0.8531	0.8210	0.8369	0.7842	0.7719
31.2	0.6630	0.5022	0.8033	0.7789	0.7971	0.8029	0.7277	0.7457
31.3	0.6662	0.4621	0.7990	0.7695	0.7942	0.8022	0.6618	0.7993
31.4	0.6494	0.5128	0.7761	0.7668	0.7722	0.7940	0.6682	0.7431
31.5	0.6718	0.5511	0.7742	0.7927	0.7741	0.7817	0.7001	0.7242
31.6	0.6826	0.3304	0.6934	0.7162	0.7112	0.7041	0.6078	0.6264
31.7	0.6811	0.4063	0.6887	0.7096	0.7528	0.7565	0.6153	0.6900
31.8	0.6108	0.3506	0.6983	0.7144	0.7292	0.7406	0.5907	0.6840
31.9	0.5769	0.4057	0.7186	0.7185	0.7235	0.7288	0.6114	0.6777
32.0	0.5425	0.3726	0.6420	0.6456	0.6963	0.6958	0.4536	0.6864
32.1	0.6552	0.3852	0.5731	0.6325	0.7606	0.7736	0.5146	0.7246
32.2	0.6562	0.5074	0.6403	0.7136	0.7810	0.7853	0.6322	0.7000
32.3	0.6644	0.4967	0.6828	0.7314	0.8041	0.7936	0.5887	0.7551
32.4	0.7415	0.5256	0.6429	0.6854	0.8388	0.8406	0.5600	0.8097
32.5	0.7449	0.5461	0.6365	0.7128	0.8245	0.8477	0.5372	0.8090
32.6	0.7074	0.4779	0.6112	0.7220	0.7959	0.8344	0.5621	0.7319
32.7	0.6683	0.4049	0.5046	0.6143	0.7754	0.8002	0.5345	0.7264
32.8	0.7177	0.5120	0.4853	0.6209	0.8532	0.8643	0.6549	0.7641
32.9	0.7031	0.3999	0.5166	0.6648	0.8345	0.8553	0.7373	0.7096
33.0	0.7227	0.4806	0.6297	0.7078	0.8257	0.8400	0.7379	0.7157
33.1	0.7876	0.6916	0.6448	0.7029	0.8496	0.8669	0.7572	0.7494
33.2	0.7277	0.6657	0.6191	0.6506	0.8281	0.8305	0.7137	0.7257
33.3	0.7843	0.6590	0.6497	0.6359	0.8744	0.8760	0.7541	0.7751
33.4	0.7898	0.7330	0.6403	0.6549	0.8780	0.8984	0.8342	0.7597
33.5	0.8372	0.7978	0.6878	0.7451	0.9102	0.9269	0.8679	0.8359
33.6	0.8190	0.7481	0.6163	0.6282	0.8923	0.8987	0.8191	0.8317
33.7	0.7170	0.6277	0.5544	0.4880	0.8094	0.8260	0.7657	0.7452

33.8	0.7414	0.7036	0.6332	0.5634	0.8314	0.8394	0.7494	0.7931
33.9	0.7718	0.7879	0.6245	0.5917	0.8542	0.8580	0.7967	0.8084
34.0	0.8088	0.7683	0.6961	0.6426	0.8631	0.8660	0.8385	0.8198
34.1	0.8257	0.7837	0.6911	0.6400	0.8673	0.8711	0.8523	0.8290
34.2	0.8208	0.7614	0.7026	0.6348	0.8639	0.8682	0.8424	0.8089
34.3	0.8470	0.7644	0.7795	0.7050	0.8733	0.8759	0.8715	0.8046
34.4	0.8343	0.8150	0.7636	0.6980	0.8600	0.8719	0.8551	0.7947
34.5	0.8684	0.8581	0.8262	0.7655	0.8972	0.9095	0.8876	0.8379
34.6	0.8911	0.8593	0.8617	0.8027	0.9213	0.9258	0.8965	0.8820
34.7	0.8911	0.8366	0.8549	0.7785	0.9188	0.9211	0.8686	0.8940
34.8	0.8398	0.7470	0.7964	0.6444	0.8739	0.8771	0.8097	0.8394
34.9	0.8628	0.8048	0.8111	0.7341	0.8872	0.8885	0.8388	0.8159
35.0	0.8568	0.8159	0.8556	0.7997	0.8928	0.8938	0.8407	0.8212
35.1	0.8672	0.8135	0.8454	0.7502	0.9215	0.9160	0.8794	0.8423
35.2	0.8917	0.8278	0.8620	0.7980	0.9286	0.9221	0.8809	0.8656
35.3	0.8637	0.8521	0.8718	0.7878	0.8939	0.8914	0.8373	0.8165
35.4	0.7826	0.8123	0.8113	0.7299	0.8520	0.8512	0.7624	0.7557
35.5	0.8069	0.7822	0.8357	0.7963	0.8762	0.8732	0.7842	0.7708
35.6	0.7907	0.6945	0.8075	0.7709	0.8480	0.8421	0.7323	0.7596
35.7	0.7601	0.7423	0.7930	0.7534	0.8661	0.8648	0.7647	0.7800
35.8	0.6996	0.6938	0.7275	0.6978	0.8930	0.8825	0.7156	0.7876
35.9	0.6982	0.7017	0.7250	0.6792	0.8696	0.8731	0.7434	0.7956
36.0	0.6582	0.6793	0.7393	0.6238	0.8741	0.8757	0.7619	0.7463
36.1	0.6363	0.6467	0.7775	0.7654	0.8383	0.8458	0.7016	0.6945
36.2	0.6484	0.6754	0.8534	0.8420	0.8607	0.8589	0.7099	0.7489
36.3	0.6137	0.6432	0.8468	0.7699	0.8691	0.8564	0.6248	0.7612
36.4	0.5529	0.6022	0.8194	0.7377	0.8550	0.8417	0.5741	0.7544
36.5	0.6056	0.6478	0.8267	0.7534	0.8232	0.8132	0.5286	0.7212
36.6	0.7386	0.7707	0.9076	0.8542	0.8731	0.8638	0.5580	0.7698
36.7	0.7718	0.7813	0.9115	0.8824	0.9012	0.9037	0.5497	0.7780
36.8	0.7070	0.7599	0.9073	0.8867	0.8976	0.8911	0.3843	0.7432
36.9	0.6992	0.6511	0.9144	0.8790	0.8531	0.8232	0.1817	0.7224
37.0	0.7580	0.5943	0.9182	0.8878	0.8297	0.8030	0.1371	0.6389
37.1	0.7773	0.5377	0.9191	0.8946	0.8367	0.8241	0.1524	0.6227
37.2	0.7527	0.6503	0.9395	0.9102	0.8559	0.8278	0.0936	0.6840
37.3	0.7096	0.6755	0.9387	0.8970	0.8010	0.7666	0.0447	0.5553
37.4	0.6726	0.4862	0.9113	0.8430	0.7628	0.7363	0.0028	0.4492
37.5	0.7478	0.5242	0.9456	0.8680	0.8304	0.7792	0.0138	0.5436
37.6	0.7544	0.6122	0.9543	0.8824	0.8138	0.7691	0.0219	0.4578
37.7	0.7577	0.6387	0.9559	0.9072	0.7077	0.6140	0.1141	0.3674
37.8	0.6291	0.5426	0.9487	0.9004	0.6287	0.4999	0.1213	0.2315
37.9	0.5796	0.5534	0.9560	0.9208	0.6533	0.5392	0.0528	0.1399
38.0	0.5953	0.5750	0.9560	0.9377	0.7112	0.6352	0.0255	0.3029
38.1	0.6046	0.5240	0.9548	0.9226	0.5677	0.4945	0.0724	0.1766
38.2	0.6145	0.4470	0.9498	0.9073	0.4476	0.3191	0.1043	0.0351
38.3	0.6396	0.5197	0.9516	0.9117	0.4308	0.3743	0.1347	0.0172
38.4	0.7741	0.6076	0.9493	0.9147	0.5575	0.4913	0.1130	0.0191
38.5	0.7031	0.5425	0.9509	0.9077	0.4993	0.4454	0.0931	0.0038
38.6	0.6982	0.4038	0.9461	0.9149	0.3801	0.3217	0.1052	0.0191
38.7	0.6381	0.4382	0.9409	0.9213	0.3248	0.2674	0.0984	0.0259
38.8	0.7129	0.5639	0.9423	0.9244	0.4529	0.4066	0.0317	0.0368
38.9	0.6946	0.5038	0.9356	0.9035	0.3782	0.3608	0.0724	0.0094
39.0	0.6987	0.4703	0.9152	0.8863	0.4567	0.4689	0.0949	0.0517
39.1	0.6873	0.5460	0.8959	0.8857	0.5228	0.5476	0.1103	0.0998
39.2	0.7007	0.4610	0.8887	0.8707	0.5150	0.5144	0.0997	0.0342
39.3	0.6745	0.4480	0.9013	0.8622	0.4583	0.5110	0.0989	0.0112
39.4	0.6290	0.4910	0.8991	0.8807	0.4981	0.5209	0.0858	0.0325
39.5	0.6114	0.4517	0.8689	0.8522	0.4807	0.4836	0.1158	0.0234
39.6	0.6266	0.5014	0.8937	0.8656	0.5553	0.5676	0.1568	0.0319
39.7	0.6941	0.4765	0.9087	0.8536	0.5349	0.5596	0.1360	0.0506
39.8	0.6400	0.3849	0.9074	0.8381	0.4940	0.5282	0.0724	0.0406
39.9	0.6947	0.3828	0.9185	0.8713	0.4969	0.5280	0.1273	0.0553
40.0	0.6810	0.4643	0.9358	0.8729	0.5135	0.5505	0.1093	0.1484
40.1	0.6290	0.3863	0.9157	0.8657	0.4775	0.5178	0.0600	0.1109
40.2	0.6228	0.3650	0.9019	0.8212	0.4041	0.4698	0.0459	0.0788
40.3	0.6438	0.3540	0.9046	0.8453	0.4419	0.4981	0.0298	0.1157
40.4	0.5628	0.2877	0.9059	0.8800	0.4006	0.4060	0.0652	0.0745
40.5	0.6026	0.3794	0.9113	0.8731	0.4312	0.4041	0.2362	0.1587
40.6	0.6017	0.2803	0.9218	0.8851	0.4675	0.4269	0.2456	0.1450
40.7	0.5976	0.2608	0.9409	0.8533	0.4149	0.3737	0.2141	0.1272
40.8	0.4648	0.2312	0.9310	0.8615	0.2661	0.2343	0.1026	0.0593
40.9	0.3991	0.3192	0.9010	0.8601	0.3749	0.3345	0.2238	0.1091
41.0	0.5662	0.3679	0.8970	0.8713	0.4482	0.4180	0.3211	0.1749
41.1	0.5119	0.2550	0.9020	0.8815	0.2856	0.2601	0.1715	0.0886
41.2	0.5123	0.3436	0.9142	0.9072	0.3186	0.2916	0.2567	0.1318
41.3	0.4618	0.3472	0.9027	0.8992	0.3249	0.2987	0.2968	0.1228
41.4	0.5259	0.3783	0.8682	0.9011	0.4114	0.3801	0.4379	0.2542
41.5	0.5136	0.3207	0.8278	0.8732	0.2746	0.2319	0.3711	0.2314
41.6	0.4961	0.3927	0.8450	0.8702	0.3245	0.2515	0.4320	0.2502
41.7	0.3922	0.3468	0.8860	0.8877	0.2501	0.1652	0.3838	0.3147
41.8	0.4231	0.3034	0.8962	0.8884	0.2596	0.1746	0.3423	0.2788
41.9	0.4388	0.2945	0.9126	0.9006	0.1678	0.0867	0.3024	0.2734
42.0	0.3299	0.2940	0.8637	0.8459	0.1275	0.0546	0.2850	0.2931
42.1	0.3573	0.3190	0.8543	0.8785	0.1890	0.1014	0.3508	0.3594
42.2	0.4301	0.3580	0.8534	0.8972	0.0855	0.0184	0.3010	0.3375
42.3	0.4441	0.4480	0.8174	0.8954	0.1023	0.0508	0.3926	0.3354

42.4	0.3460	0.3470	0.7766	0.8874	0.0795	0.0316	0.3085	0.2686
42.5	0.3202	0.2907	0.8124	0.9093	0.0155	0.0016	0.1630	0.2948
42.6	0.2441	0.2289	0.7321	0.8637	0.0092	0.0039	0.1187	0.2697
42.7	0.2521	0.2898	0.7345	0.8846	0.0108	0.0491	0.1697	0.3006
42.8	0.2897	0.3848	0.7525	0.8982	0.0207	0.0603	0.2217	0.3205
42.9	0.3554	0.2556	0.7681	0.9232	0.0036	0.0475	0.1659	0.3887
43.0	0.3297	0.2061	0.7485	0.8883	0.0457	0.1119	0.0934	0.3648
43.1	0.3346	0.2952	0.7780	0.8746	0.0885	0.1546	0.1430	0.2149
43.2	0.3410	0.3856	0.7818	0.8981	0.0824	0.1298	0.1787	0.1189
43.3	0.5013	0.4990	0.8296	0.9062	0.1767	0.2084	0.3085	0.0615
43.4	0.4708	0.5461	0.8592	0.9017	0.2047	0.2268	0.3879	0.0690
43.5	0.4981	0.4911	0.8877	0.9324	0.1495	0.1935	0.3580	0.1812
43.6	0.4004	0.4468	0.8848	0.9414	0.1066	0.1641	0.2369	0.2606
43.7	0.3780	0.4889	0.8870	0.9359	0.2597	0.2954	0.3110	0.3158
43.8	0.4401	0.5001	0.8864	0.9047	0.3706	0.3444	0.3927	0.2075
43.9	0.4601	0.5346	0.8744	0.9029	0.3714	0.3441	0.4346	0.0737
44.0	0.3681	0.5789	0.9190	0.9391	0.2800	0.2690	0.4325	0.0141
44.1	0.3344	0.4851	0.9212	0.9281	0.0980	0.1211	0.2564	0.1599
44.2	0.3103	0.5043	0.9278	0.9424	0.1510	0.1361	0.2523	0.1106
44.3	0.2840	0.4847	0.9282	0.9521	0.1481	0.1395	0.2458	0.0982
44.4	0.2664	0.4203	0.8965	0.9218	0.1506	0.1615	0.2215	0.1460
44.5	0.3329	0.4778	0.8746	0.9253	0.2379	0.2495	0.3214	0.1516
44.6	0.3924	0.5327	0.8790	0.9239	0.2515	0.2298	0.3367	0.1033
44.7	0.3954	0.5543	0.8571	0.8981	0.3110	0.2760	0.4518	0.0868
44.8	0.4084	0.4455	0.8753	0.8761	0.3153	0.2814	0.4810	0.0772
44.9	0.4202	0.3423	0.8921	0.8852	0.2037	0.1508	0.3754	0.0676
45.0	0.4700	0.4724	0.9013	0.9358	0.1633	0.1599	0.3219	0.2119
45.1	0.5323	0.4750	0.9203	0.9604	0.3344	0.3738	0.4108	0.3665
45.2	0.5642	0.5689	0.9347	0.9551	0.4358	0.4665	0.4282	0.4270
45.3	0.5064	0.5175	0.9125	0.9121	0.3315	0.3308	0.2915	0.1948
45.4	0.4552	0.4649	0.8525	0.8318	0.2700	0.2355	0.3313	0.0957
45.5	0.4006	0.5070	0.8883	0.8739	0.2583	0.2852	0.4419	0.0242
45.6	0.4988	0.4672	0.9514	0.8777	0.3285	0.3572	0.5230	0.0854
45.7	0.5229	0.4765	0.9437	0.8966	0.3947	0.3696	0.5218	0.1423
45.8	0.4854	0.5177	0.9518	0.9027	0.4784	0.4152	0.5750	0.1714
45.9	0.3908	0.4633	0.9341	0.9077	0.3423	0.3301	0.4934	0.2121
46.0	0.5073	0.5409	0.9514	0.9397	0.4506	0.4690	0.5531	0.4318
46.1	0.5327	0.5929	0.9525	0.9371	0.5531	0.5458	0.6352	0.4171
46.2	0.4719	0.5407	0.9169	0.9108	0.5155	0.4933	0.6051	0.3239
46.3	0.6338	0.5948	0.8970	0.9113	0.6239	0.6123	0.6719	0.5664
46.4	0.5437	0.5876	0.8874	0.9139	0.5760	0.5604	0.5996	0.4995
46.5	0.6305	0.7518	0.9222	0.9186	0.6464	0.6223	0.6571	0.5867
46.6	0.5861	0.6805	0.9456	0.8863	0.6557	0.6375	0.6657	0.6154
46.7	0.5234	0.5076	0.9258	0.8362	0.5360	0.5088	0.5235	0.4748
46.8	0.6509	0.5848	0.9533	0.9368	0.5721	0.5812	0.5506	0.4819
46.9	0.6781	0.5835	0.9648	0.9219	0.5970	0.6565	0.5613	0.4276
47.0	0.5318	0.4199	0.9607	0.9001	0.4075	0.4829	0.3779	0.2726
47.1	0.4270	0.3463	0.9556	0.8826	0.3021	0.4043	0.3216	0.2147
47.2	0.3824	0.3212	0.9528	0.9021	0.2541	0.3173	0.3246	0.1874
47.3	0.3954	0.4493	0.9499	0.9103	0.3864	0.4506	0.5089	0.2370
47.4	0.4813	0.5996	0.9591	0.9174	0.6058	0.6580	0.7364	0.4887
47.5	0.5111	0.5538	0.9516	0.9078	0.5983	0.6152	0.6897	0.4475
47.6	0.4270	0.4885	0.9275	0.8878	0.5296	0.5347	0.5681	0.3451
47.7	0.4138	0.4017	0.9170	0.8548	0.3907	0.4280	0.4294	0.2089
47.8	0.4566	0.4567	0.8261	0.7462	0.4175	0.4805	0.4319	0.2406
47.9	0.3314	0.4575	0.7670	0.6460	0.4111	0.4061	0.3640	0.2301
48.0	0.3485	0.4529	0.8499	0.7080	0.4731	0.4594	0.4538	0.2977
48.1	0.3929	0.4826	0.9059	0.7887	0.5565	0.5059	0.4889	0.5166
48.2	0.4087	0.4341	0.9458	0.8662	0.4758	0.5010	0.4505	0.5112
48.3	0.4078	0.4445	0.9280	0.8790	0.5222	0.5527	0.4919	0.5488
48.4	0.3608	0.4856	0.8972	0.7977	0.5016	0.5071	0.4203	0.5627
48.5	0.3039	0.4835	0.9006	0.7623	0.4996	0.4888	0.3933	0.5662
48.6	0.3300	0.3985	0.8890	0.7099	0.5015	0.4887	0.3885	0.5802
48.7	0.2660	0.3096	0.8696	0.6409	0.3992	0.3705	0.2689	0.5070
48.8	0.3408	0.3647	0.9273	0.8016	0.4319	0.3632	0.3343	0.5096
48.9	0.3007	0.4007	0.9352	0.8618	0.4085	0.3729	0.3260	0.4798
49.0	0.1376	0.2066	0.8972	0.7630	0.2069	0.2291	0.1237	0.3263
49.1	0.1188	0.2467	0.8527	0.5372	0.2117	0.2661	0.1359	0.4028
49.2	0.0875	0.2327	0.8507	0.5607	0.2721	0.2326	0.0700	0.4944
49.3	0.0829	0.1950	0.8651	0.6886	0.2517	0.2010	0.1571	0.4645
49.4	0.0989	0.1842	0.8123	0.6825	0.1847	0.2146	0.2841	0.3348
49.5	0.0692	0.1111	0.7882	0.5783	0.1687	0.2182	0.2516	0.3160
49.6	0.1105	0.1285	0.6705	0.5042	0.1471	0.1952	0.2921	0.3620
49.7	0.0403	0.0171	0.2136	0.1034	0.0271	0.0973	0.1260	0.0887
49.8	0.0195	0.0382	0.2769	0.0839	0.0861	0.0899	0.0456	0.1538
49.9	0.0190	0.1295	0.3926	0.1682	0.1169	0.1347	0.1216	0.1680
50.0	0.0427	0.0779	0.6365	0.3507	0.2170	0.1471	0.0245	0.3698
50.1	0.0613	0.0388	0.6828	0.4064	0.2639	0.1706	0.0276	0.4343
50.2	0.0611	0.0771	0.8474	0.7299	0.2504	0.2062	0.2248	0.5571
50.3	0.0408	0.1232	0.9484	0.8803	0.2303	0.1573	0.2565	0.5901
50.4	0.0805	0.1358	0.9048	0.7791	0.2622	0.1941	0.1604	0.5487
50.5	0.0571	0.0744	0.9006	0.7371	0.2206	0.1775	0.1858	0.5202
50.6	0.1160	0.1527	0.9364	0.8487	0.3824	0.3228	0.2733	0.6843
50.7	0.0621	0.1373	0.9385	0.8782	0.2733	0.2072	0.2002	0.6023
50.8	0.0856	0.1458	0.9525	0.8819	0.2822	0.2231	0.2268	0.6040
50.9	0.0011	0.0973	0.9397	0.8656	0.1717	0.1603	0.2816	0.5500

51.0	0.0218	0.0935	0.9313	0.8565	0.1682	0.2182	0.3144	0.5273
51.1	0.0292	0.0697	0.9357	0.8619	0.1782	0.2224	0.3203	0.5167
51.2	0.0259	0.0748	0.9213	0.7332	0.2093	0.2220	0.2557	0.5073
51.3	0.0136	0.0424	0.9263	0.7390	0.1383	0.1623	0.1389	0.4203
51.4	0.0491	0.0771	0.9020	0.8337	0.1232	0.1478	0.1250	0.4390
51.5	0.0160	0.1067	0.9468	0.9323	0.2202	0.1799	0.1007	0.5697
51.6	0.1474	0.1957	0.9686	0.9660	0.3393	0.2074	0.0360	0.6398
51.7	0.1636	0.1839	0.9819	0.9652	0.2952	0.1547	0.0240	0.6052
51.8	0.0549	0.0644	0.9719	0.9573	0.1287	0.0592	0.0902	0.4430
51.9	0.0601	0.0896	0.9762	0.9570	0.1814	0.1012	0.0542	0.4747
52.0	0.0884	0.0898	0.9742	0.9632	0.2028	0.1424	0.0679	0.4732
52.1	0.0872	0.0974	0.9744	0.9514	0.2545	0.2432	0.1819	0.5658
52.2	0.1553	0.1432	0.9665	0.9308	0.2419	0.1925	0.0608	0.5273
52.3	0.1695	0.2256	0.9570	0.9369	0.3447	0.2998	0.0784	0.6049
52.4	0.1061	0.1332	0.9602	0.9589	0.2774	0.2468	0.0796	0.5408
52.5	0.0599	0.0608	0.9610	0.9581	0.1607	0.1211	0.0455	0.4182
52.6	0.1617	0.1478	0.9629	0.9508	0.1753	0.1014	0.0006	0.4074
52.7	0.1506	0.1704	0.9486	0.9463	0.2651	0.2152	0.0830	0.4208
52.8	0.1923	0.2088	0.9462	0.9407	0.3446	0.2929	0.1247	0.5158
52.9	0.1850	0.1681	0.9662	0.9652	0.2719	0.1898	0.0291	0.4851
53.0	0.2526	0.2121	0.9782	0.9698	0.2502	0.1524	0.0417	0.4333
53.1	0.2020	0.1156	0.9678	0.9690	0.0981	0.0410	0.0531	0.2356
53.2	0.2125	0.1692	0.9764	0.9730	0.1923	0.1046	0.0265	0.3658
53.3	0.3138	0.2749	0.9703	0.9695	0.3040	0.2003	0.1108	0.4488
53.4	0.3128	0.2228	0.9510	0.9553	0.2653	0.1474	0.0805	0.4201
53.5	0.2112	0.1806	0.9304	0.9427	0.2328	0.1306	0.0432	0.3810
53.6	0.1722	0.1439	0.9641	0.9628	0.1704	0.0757	0.0611	0.2794
53.7	0.2887	0.2591	0.9818	0.9768	0.2374	0.1286	0.1679	0.3215
53.8	0.3404	0.2845	0.9780	0.9751	0.2022	0.1331	0.2489	0.2114
53.9	0.2450	0.1815	0.9645	0.9662	0.1013	0.0468	0.1798	0.1549
54.0	0.2630	0.2183	0.9537	0.9628	0.1146	0.0330	0.1334	0.1958
54.1	0.2504	0.2454	0.9379	0.9560	0.1594	0.0710	0.1572	0.2231
54.2	0.3296	0.3354	0.9695	0.9740	0.2418	0.1426	0.2394	0.2908
54.3	0.5190	0.4959	0.9696	0.9797	0.3518	0.2634	0.3984	0.3605
54.4	0.4480	0.3955	0.9700	0.9786	0.2408	0.1234	0.2777	0.3258
54.5	0.3694	0.3371	0.9670	0.9762	0.1593	0.0616	0.2470	0.2128
54.6	0.3948	0.3183	0.9592	0.9712	0.1373	0.0949	0.3557	0.0969
54.7	0.3672	0.3168	0.9639	0.9700	0.1521	0.0910	0.2969	0.1939
54.8	0.2628	0.2424	0.9657	0.9728	0.0491	0.0302	0.2733	0.1565
54.9	0.2643	0.2566	0.9760	0.9765	0.0397	0.0531	0.3305	0.1034
55.0	0.3626	0.3604	0.9756	0.9795	0.0910	0.1007	0.4086	0.1223
55.1	0.2880	0.2475	0.9648	0.9692	0.0409	0.0650	0.3456	0.0946
55.2	0.1462	0.0645	0.9506	0.9502	0.0013	0.0224	0.2043	0.1545
55.3	0.2364	0.0938	0.9480	0.9546	0.0566	0.0234	0.1112	0.3102
55.4	0.3571	0.1766	0.9442	0.9410	0.1061	0.0398	0.0526	0.3500
55.5	0.3965	0.2517	0.9461	0.9409	0.0218	0.0039	0.1767	0.1920
55.6	0.3770	0.2247	0.9419	0.9474	0.0158	0.0255	0.2156	0.1249
55.7	0.3286	0.0991	0.9483	0.9500	0.0028	0.0513	0.2486	0.1053
55.8	0.3509	0.0951	0.9601	0.9652	0.0356	0.0702	0.2727	0.2422
55.9	0.3574	0.0953	0.9440	0.9606	0.0362	0.0543	0.2085	0.2205
56.0	0.4523	0.0991	0.9212	0.9480	0.0772	0.0641	0.1650	0.2873
56.1	0.5223	0.1285	0.9382	0.9583	0.0641	0.0712	0.1954	0.2824
56.2	0.6358	0.3589	0.9604	0.9727	0.0666	0.0071	0.1689	0.3152
56.3	0.6410	0.4208	0.9664	0.9716	0.0967	0.0368	0.2524	0.4105
56.4	0.5415	0.2093	0.9663	0.9674	0.1880	0.1236	0.2273	0.4391
56.5	0.6401	0.2680	0.9651	0.9739	0.1959	0.1775	0.2958	0.4573
56.6	0.7042	0.3448	0.9603	0.9732	0.0555	0.1061	0.3393	0.2953
56.7	0.6498	0.3183	0.9492	0.9623	0.0475	0.0303	0.2088	0.2334
56.8	0.6352	0.3557	0.9389	0.9620	0.0629	0.0466	0.1605	0.2204
56.9	0.7404	0.4069	0.9613	0.9764	0.0110	0.0840	0.2772	0.1395
57.0	0.7480	0.3895	0.9418	0.9762	0.0036	0.1436	0.3837	0.0561
57.1	0.6971	0.4052	0.9195	0.9601	0.0021	0.0807	0.2903	0.0880
57.2	0.7352	0.4212	0.9070	0.9542	0.0285	0.0821	0.2497	0.1425
57.3	0.6007	0.2895	0.9111	0.9611	0.0792	0.1911	0.2856	0.1784
57.4	0.7240	0.2756	0.9274	0.9700	0.0598	0.1568	0.2506	0.2293
57.5	0.7769	0.4233	0.9549	0.9756	0.0731	0.2151	0.4316	0.2984
57.6	0.8088	0.5234	0.9684	0.9800	0.1356	0.2164	0.3722	0.3481
57.7	0.8328	0.5759	0.9553	0.9774	0.1069	0.0618	0.1587	0.2371
57.8	0.8114	0.5673	0.9436	0.9759	0.1133	0.0785	0.1338	0.2081
57.9	0.8036	0.6061	0.9667	0.9804	0.1444	0.1464	0.2003	0.2300
58.0	0.7908	0.5798	0.9624	0.9815	0.0808	0.1424	0.2211	0.1477
58.1	0.7187	0.4476	0.9131	0.9706	0.1438	0.2822	0.3569	0.2239
58.2	0.7327	0.3673	0.8925	0.9695	0.1272	0.2417	0.3098	0.1995
58.3	0.7649	0.3590	0.9212	0.9787	0.1587	0.2692	0.3233	0.2362
58.4	0.7572	0.3886	0.9446	0.9781	0.2047	0.2964	0.3482	0.2747
58.5	0.7846	0.4867	0.9518	0.9761	0.1465	0.2630	0.3250	0.1768
58.6	0.8175	0.5447	0.9507	0.9678	0.1467	0.2879	0.3699	0.1774
58.7	0.8364	0.5301	0.9381	0.9566	0.1082	0.2147	0.2644	0.1144
58.8	0.8502	0.6138	0.9613	0.9653	0.1221	0.2251	0.3112	0.1113
58.9	0.8672	0.6037	0.9666	0.9771	0.1170	0.2717	0.3966	0.1453
59.0	0.8774	0.6404	0.9669	0.9772	0.0902	0.2335	0.3262	0.1181
59.1	0.8902	0.6731	0.9666	0.9782	0.1238	0.2736	0.3122	0.1316
59.2	0.8718	0.6457	0.9625	0.9763	0.2099	0.3399	0.3766	0.2012
59.3	0.9139	0.7118	0.9601	0.9820	0.2588	0.4134	0.4493	0.3319
59.4	0.8655	0.6599	0.9577	0.9849	0.1656	0.3690	0.3744	0.3352
59.5	0.8525	0.6502	0.9588	0.9778	0.0796	0.2146	0.1996	0.1977

59.6	0.8796	0.6317	0.9531	0.9694	0.2420	0.4068	0.3739	0.3755
59.7	0.9158	0.6174	0.9632	0.9735	0.2330	0.3883	0.3694	0.3978
59.8	0.9068	0.6640	0.9611	0.9738	0.1339	0.2342	0.2369	0.2241
59.9	0.0578	0.0050	0.2929	0.7503	0.0388	0.1007	0.1310	0.0681
60.0	0.0258	0.0046	0.1517	0.4808	0.0234	0.0571	0.0643	0.0483
60.1	0.0892	0.0073	0.4010	0.8077	0.1675	0.2635	0.2831	0.2405
60.2	0.9355	0.7276	0.9766	0.9864	0.3178	0.4767	0.4404	0.5261
60.3	0.9065	0.6914	0.9742	0.9832	0.2568	0.4277	0.3566	0.4799
60.4	0.9118	0.6870	0.9735	0.9798	0.3322	0.4974	0.3923	0.5749
60.5	0.9214	0.6549	0.9751	0.9810	0.2808	0.4464	0.3025	0.5591
60.6	0.8941	0.6305	0.9745	0.9826	0.3663	0.4853	0.3502	0.6051
60.7	0.9264	0.7095	0.9761	0.9849	0.5000	0.6192	0.5033	0.7266
60.8	0.9318	0.6965	0.9810	0.9838	0.3818	0.5055	0.3656	0.6548
60.9	0.9076	0.4864	0.9753	0.9794	0.3279	0.4137	0.3229	0.5528
61.0	0.9161	0.4794	0.9671	0.9815	0.3729	0.4692	0.3744	0.5935
61.1	0.9253	0.6210	0.9676	0.9815	0.3562	0.4840	0.3012	0.6433
61.2	0.9269	0.6359	0.9740	0.9815	0.4237	0.5394	0.3757	0.6738
61.3	0.9125	0.6067	0.9820	0.9819	0.4730	0.5728	0.4323	0.7042
61.4	0.9287	0.6708	0.9785	0.9851	0.4975	0.5972	0.4120	0.7297
61.5	0.9347	0.6391	0.9721	0.9854	0.5245	0.6272	0.4475	0.7525
61.6	0.9257	0.6396	0.9812	0.9854	0.6321	0.7064	0.5527	0.8028
61.7	0.9343	0.5002	0.9784	0.9815	0.5506	0.6168	0.4543	0.7802
61.8	0.9306	0.4375	0.9778	0.9819	0.5449	0.6228	0.4242	0.7839
61.9	0.9029	0.4547	0.9780	0.9819	0.6066	0.6709	0.4764	0.8040
62.0	0.9110	0.4070	0.9803	0.9826	0.6603	0.7159	0.5537	0.8277
62.1	0.9322	0.4690	0.9835	0.9832	0.6695	0.7334	0.5683	0.8391
62.2	0.9371	0.4904	0.9790	0.9798	0.6043	0.6759	0.4913	0.8225
62.3	0.9362	0.4762	0.9759	0.9835	0.5779	0.6552	0.4165	0.8346
62.4	0.9261	0.4018	0.9656	0.9707	0.5375	0.6083	0.3519	0.7816
62.5	0.9226	0.4247	0.9739	0.9736	0.6624	0.7120	0.5666	0.8163
62.6	0.9363	0.4149	0.9801	0.9809	0.6941	0.7296	0.6062	0.8385
62.7	0.9201	0.2703	0.9763	0.9786	0.6788	0.7151	0.5861	0.8273
62.8	0.9172	0.1758	0.9760	0.9788	0.6820	0.7288	0.5350	0.8466
62.9	0.9354	0.1623	0.9818	0.9841	0.6844	0.7440	0.4966	0.8767
63.0	0.9283	0.2262	0.9802	0.9782	0.6544	0.7083	0.4219	0.8500
63.1	0.9214	0.2294	0.9777	0.9725	0.7390	0.7494	0.5857	0.8647
63.2	0.9387	0.1788	0.9731	0.9713	0.6382	0.6556	0.4573	0.8240
63.3	0.9420	0.2264	0.9796	0.9794	0.6911	0.7220	0.5484	0.8592
63.4	0.9226	0.2256	0.9789	0.9775	0.7304	0.7626	0.5838	0.8776
63.5	0.9446	0.2526	0.9845	0.9841	0.7530	0.7827	0.5648	0.8935
63.6	0.9345	0.3812	0.9813	0.9794	0.7906	0.8080	0.5957	0.9129
63.7	0.9389	0.3680	0.9804	0.9823	0.7647	0.7835	0.6086	0.8853
63.8	0.9512	0.3580	0.9836	0.9822	0.7995	0.8190	0.6553	0.8974
63.9	0.9467	0.2258	0.9815	0.9797	0.7457	0.7660	0.5882	0.8781
64.0	0.9446	0.2673	0.9825	0.9807	0.7458	0.7662	0.5921	0.8858
64.1	0.9232	0.2570	0.9748	0.9739	0.6963	0.7167	0.4956	0.8572
64.2	0.8783	0.3342	0.9700	0.9677	0.5871	0.6075	0.3573	0.7935
64.3	0.9111	0.2489	0.9783	0.9755	0.6337	0.6603	0.4758	0.8030
64.4	0.9171	0.3558	0.9780	0.9802	0.7098	0.7318	0.5336	0.8439
64.5	0.9243	0.4156	0.9773	0.9799	0.7345	0.7697	0.5558	0.8701
64.6	0.9103	0.3217	0.9767	0.9793	0.7376	0.7583	0.6250	0.8740
64.7	0.8831	0.1972	0.9742	0.9774	0.6719	0.6812	0.5635	0.8399
64.8	0.8930	0.2682	0.9766	0.9801	0.7310	0.7420	0.5901	0.8622
64.9	0.8995	0.2798	0.9771	0.9787	0.7327	0.7489	0.6101	0.8488
65.0	0.8944	0.1611	0.9720	0.9715	0.6484	0.6653	0.5280	0.8078
65.1	0.9254	0.2551	0.9746	0.9748	0.6871	0.6991	0.5604	0.8344
65.2	0.9369	0.3252	0.9842	0.9847	0.6920	0.7098	0.6078	0.8428
65.3	0.9322	0.3172	0.9831	0.9807	0.7386	0.7421	0.6931	0.8427
65.4	0.9181	0.3578	0.9780	0.9742	0.7912	0.7942	0.7250	0.8690
65.5	0.9046	0.3309	0.9791	0.9753	0.7110	0.7250	0.6105	0.8388
65.6	0.9049	0.2562	0.9813	0.9803	0.7134	0.7270	0.6464	0.8360
65.7	0.8917	0.2149	0.9791	0.9794	0.7335	0.7306	0.7029	0.8471
65.8	0.9014	0.2878	0.9814	0.9786	0.7530	0.7466	0.7360	0.8423
65.9	0.8981	0.2507	0.9828	0.9829	0.7425	0.7437	0.7320	0.8342
66.0	0.9176	0.2358	0.9793	0.9783	0.7651	0.7720	0.7700	0.8564
66.1	0.9353	0.4317	0.9820	0.9799	0.8148	0.8250	0.8178	0.8906
66.2	0.9231	0.4202	0.9860	0.9819	0.7948	0.7966	0.7922	0.8753
66.3	0.9100	0.4165	0.9831	0.9836	0.7714	0.7699	0.7781	0.8770
66.4	0.9316	0.4340	0.9885	0.9868	0.7868	0.7948	0.8229	0.8904
66.5	0.9322	0.4435	0.9878	0.9861	0.7816	0.7911	0.8085	0.8860
66.6	0.9286	0.4132	0.9855	0.9852	0.7654	0.7795	0.7858	0.8855
66.7	0.8980	0.3266	0.9769	0.9775	0.6636	0.7000	0.7317	0.8390
66.8	0.8878	0.2304	0.9792	0.9786	0.7097	0.7295	0.7658	0.8698
66.9	0.8667	0.2625	0.9823	0.9835	0.7158	0.7209	0.7712	0.8703
67.0	0.8769	0.3820	0.9786	0.9807	0.7408	0.7427	0.7373	0.8705
67.1	0.9227	0.5107	0.9802	0.9826	0.7692	0.7944	0.7583	0.9058
67.2	0.9020	0.3241	0.9846	0.9869	0.7325	0.7542	0.7748	0.8718
67.3	0.8484	0.2241	0.9789	0.9791	0.5957	0.6223	0.7144	0.8024
67.4	0.8703	0.3793	0.9755	0.9743	0.6194	0.6556	0.7093	0.8395
67.5	0.9123	0.4603	0.9866	0.9859	0.7546	0.7819	0.8162	0.8892
67.6	0.9114	0.3681	0.9835	0.9840	0.7079	0.7357	0.7728	0.8849
67.7	0.8928	0.3722	0.9815	0.9833	0.6868	0.7554	0.7810	0.8937
67.8	0.8899	0.3795	0.9825	0.9814	0.6862	0.7346	0.8084	0.8834
67.9	0.8668	0.3579	0.9790	0.9765	0.6702	0.7174	0.7994	0.8676
68.0	0.8656	0.3407	0.9756	0.9725	0.7242	0.7505	0.8072	0.8904
68.1	0.9209	0.5259	0.9843	0.9797	0.7717	0.7959	0.8370	0.9228

68.2	0.9085	0.4019	0.9888	0.9865	0.7377	0.7586	0.8297	0.9049
68.3	0.8870	0.3903	0.9847	0.9838	0.7466	0.7747	0.8248	0.9112
68.4	0.8313	0.4577	0.9815	0.9789	0.6873	0.7513	0.7922	0.9038
68.5	0.8761	0.5586	0.9876	0.9849	0.7464	0.8103	0.8333	0.9206
68.6	0.9233	0.6075	0.9879	0.9895	0.8078	0.8554	0.8674	0.9437
68.7	0.8900	0.5526	0.9797	0.9839	0.7500	0.8059	0.8529	0.9238
68.8	0.8236	0.5517	0.9782	0.9795	0.6860	0.7578	0.8273	0.9116
68.9	0.8624	0.5513	0.9857	0.9842	0.7584	0.8206	0.8488	0.9377
69.0	0.8542	0.5029	0.9842	0.9817	0.7548	0.8157	0.8593	0.9342
69.1	0.8269	0.5804	0.9812	0.9770	0.7185	0.7794	0.8156	0.9278
69.2	0.8186	0.6139	0.9819	0.9834	0.7750	0.8044	0.8354	0.9278
69.3	0.8542	0.5715	0.9858	0.9848	0.8159	0.8328	0.8418	0.9401
69.4	0.8958	0.6002	0.9880	0.9846	0.8587	0.8643	0.8755	0.9472
69.5	0.8917	0.6939	0.9880	0.9852	0.8493	0.8686	0.9067	0.9536
69.6	0.9029	0.8238	0.9896	0.9879	0.8698	0.8787	0.9157	0.9674
69.7	0.8989	0.8016	0.9900	0.9842	0.8976	0.8882	0.9026	0.9654
69.8	0.8769	0.7262	0.9877	0.9838	0.8756	0.8796	0.8868	0.9612
69.9	0.8878	0.8234	0.9894	0.9885	0.8891	0.8846	0.8802	0.9680
70.0	0.9125	0.8469	0.9854	0.9851	0.9177	0.9014	0.8829	0.9707
70.1	0.9250	0.8435	0.9881	0.9832	0.9195	0.9099	0.8644	0.9695
70.2	0.8909	0.7627	0.9856	0.9819	0.8964	0.8827	0.7876	0.9657
70.3	0.9229	0.8480	0.9867	0.9857	0.9228	0.9177	0.8811	0.9697
70.4	0.9324	0.8628	0.9877	0.9855	0.9304	0.9181	0.8671	0.9680
70.5	0.9099	0.7963	0.9841	0.9822	0.9226	0.9229	0.8142	0.9639
70.6	0.8971	0.8055	0.9843	0.9805	0.9312	0.9308	0.8405	0.9723
70.7	0.9010	0.8528	0.9843	0.9798	0.9357	0.9290	0.8119	0.9731
70.8	0.9205	0.9040	0.9860	0.9842	0.9646	0.9493	0.8339	0.9790
70.9	0.9466	0.8873	0.9892	0.9860	0.9582	0.9571	0.8210	0.9802
71.0	0.9505	0.8214	0.9841	0.9799	0.9515	0.9330	0.8072	0.9798
71.1	0.9584	0.8399	0.9874	0.9862	0.9578	0.9378	0.8246	0.9836
71.2	0.9473	0.8381	0.9871	0.9889	0.9529	0.9321	0.8242	0.9792
71.3	0.9297	0.7965	0.9839	0.9821	0.9398	0.9256	0.7960	0.9767
71.4	0.9246	0.7850	0.9817	0.9755	0.9285	0.9179	0.7712	0.9756
71.5	0.9379	0.8772	0.9829	0.9743	0.9392	0.9288	0.7463	0.9805
71.6	0.9483	0.8772	0.9861	0.9740	0.9544	0.9452	0.7826	0.9803
71.7	0.9505	0.8987	0.9861	0.9759	0.9502	0.9487	0.8008	0.9786
71.8	0.9321	0.8560	0.9873	0.9729	0.9275	0.9325	0.7766	0.9746
71.9	0.9428	0.8492	0.9851	0.9716	0.9427	0.9422	0.7955	0.9763
72.0	0.9705	0.9023	0.9896	0.9817	0.9663	0.9614	0.8705	0.9846
72.1	0.9443	0.8620	0.9842	0.9699	0.9439	0.9417	0.7986	0.9779
72.2	0.9016	0.8210	0.9754	0.9579	0.9176	0.9148	0.7222	0.9671
72.3	0.9260	0.8702	0.9802	0.9726	0.9410	0.9320	0.7738	0.9795
72.4	0.9518	0.8906	0.9844	0.9802	0.9594	0.9488	0.8349	0.9843
72.5	0.9471	0.8755	0.9827	0.9802	0.9560	0.9440	0.8126	0.9791
72.6	0.8713	0.7548	0.9764	0.9635	0.9059	0.8825	0.6293	0.9530
72.7	0.8838	0.7825	0.9726	0.9597	0.9108	0.9020	0.6652	0.9606
72.8	0.8995	0.8138	0.9701	0.9673	0.9014	0.8833	0.5549	0.9682
72.9	0.8966	0.8224	0.9713	0.9647	0.9061	0.8901	0.5410	0.9679
73.0	0.9087	0.8264	0.9719	0.9599	0.9018	0.8983	0.5831	0.9653
73.1	0.9234	0.8433	0.9799	0.9681	0.9310	0.9225	0.7265	0.9685
73.2	0.9227	0.8525	0.9787	0.9639	0.9118	0.8993	0.6928	0.9658
73.3	0.9042	0.8110	0.9769	0.9571	0.8938	0.8869	0.5269	0.9626
73.4	0.8515	0.7372	0.9698	0.9241	0.8639	0.8483	0.4015	0.9516
73.5	0.8762	0.8370	0.9777	0.9477	0.8964	0.8839	0.4388	0.9681
73.6	0.8951	0.8685	0.9767	0.9689	0.9360	0.9311	0.5544	0.9773
73.7	0.8821	0.8228	0.9731	0.9614	0.9201	0.8969	0.4758	0.9687
73.8	0.8936	0.8540	0.9712	0.9559	0.9160	0.8847	0.4916	0.9695
73.9	0.8886	0.8451	0.9663	0.9619	0.9153	0.8791	0.4369	0.9622
74.0	0.8947	0.8669	0.9647	0.9594	0.9179	0.8928	0.4406	0.9609
74.1	0.8992	0.8504	0.9677	0.9540	0.9009	0.8950	0.4447	0.9572
74.2	0.9227	0.8800	0.9753	0.9544	0.9244	0.9292	0.5622	0.9681
74.3	0.9091	0.8884	0.9638	0.9477	0.9177	0.9116	0.5942	0.9601
74.4	0.8941	0.8647	0.9666	0.9445	0.9064	0.9033	0.5597	0.9532
74.5	0.8781	0.8434	0.9520	0.9392	0.8801	0.8774	0.4400	0.9516
74.6	0.9066	0.8751	0.9515	0.9551	0.9040	0.9136	0.4910	0.9632
74.7	0.8954	0.8476	0.9566	0.9489	0.8989	0.9036	0.5589	0.9576
74.8	0.8587	0.8545	0.9498	0.9503	0.8942	0.8982	0.5881	0.9487
74.9	0.8285	0.8499	0.9498	0.9370	0.8910	0.8754	0.5939	0.9450
75.0	0.8666	0.8682	0.9531	0.9483	0.9093	0.9013	0.7240	0.9477
75.1	0.8838	0.8600	0.9561	0.9536	0.9155	0.9019	0.7369	0.9488
75.2	0.8458	0.8369	0.9293	0.9407	0.8888	0.8819	0.6624	0.9350
75.3	0.7964	0.8108	0.8962	0.9007	0.8376	0.8366	0.6438	0.9104
75.4	0.8543	0.8494	0.9290	0.9110	0.8706	0.8669	0.7219	0.9297
75.5	0.8468	0.8325	0.9227	0.9191	0.8840	0.8758	0.7517	0.9293
75.6	0.8989	0.8692	0.9276	0.9373	0.9022	0.8987	0.8120	0.9393
75.7	0.8986	0.8799	0.9203	0.9471	0.9145	0.9023	0.8319	0.9421
75.8	0.8519	0.8481	0.9068	0.9378	0.8931	0.8881	0.7890	0.9261
75.9	0.8554	0.8282	0.8915	0.9115	0.8821	0.8814	0.7553	0.9177
76.0	0.8678	0.8361	0.9114	0.9110	0.8956	0.8740	0.7884	0.9219
76.1	0.8856	0.8741	0.9101	0.9145	0.9016	0.8788	0.8273	0.9283
76.2	0.8972	0.8867	0.9181	0.9278	0.9037	0.8990	0.8436	0.9260
76.3	0.8828	0.8816	0.9037	0.9298	0.9030	0.8933	0.8522	0.9254
76.4	0.8699	0.8705	0.8943	0.9372	0.8977	0.8839	0.8499	0.9243
76.5	0.8322	0.8186	0.8281	0.9007	0.8615	0.8408	0.7876	0.9005
76.6	0.7879	0.8323	0.8524	0.9084	0.8737	0.8544	0.8221	0.8897
76.7	0.8064	0.8473	0.8511	0.9308	0.8909	0.8815	0.8553	0.9115

76.8	0.8266	0.8317	0.8590	0.9169	0.8600	0.8634	0.8561	0.8910
76.9	0.8655	0.8756	0.8871	0.9302	0.8840	0.8751	0.8970	0.8985
77.0	0.8672	0.8940	0.8840	0.9383	0.8887	0.8970	0.9018	0.9116
77.1	0.8394	0.8659	0.8607	0.9142	0.8820	0.8827	0.9015	0.8922
77.2	0.7758	0.8320	0.8091	0.8774	0.8529	0.8336	0.8695	0.8313
77.3	0.7903	0.8533	0.8436	0.8971	0.8590	0.8185	0.8664	0.8450
77.4	0.8531	0.8935	0.8995	0.9331	0.8920	0.9022	0.9147	0.9233
77.5	0.8500	0.9029	0.8999	0.9184	0.8900	0.8895	0.9279	0.9086
77.6	0.8161	0.8688	0.8629	0.8890	0.8461	0.8426	0.9151	0.8470
77.7	0.8026	0.8515	0.8686	0.8984	0.8473	0.8380	0.8935	0.8501
77.8	0.8366	0.8873	0.8899	0.9264	0.8936	0.8928	0.9315	0.8973
77.9	0.8299	0.8921	0.8933	0.9174	0.8941	0.9249	0.9343	0.9003
78.0	0.7970	0.8474	0.8532	0.8677	0.8549	0.8686	0.8856	0.8581
78.1	0.7552	0.8468	0.8560	0.8759	0.8705	0.8422	0.8780	0.8712
78.2	0.7121	0.8331	0.8552	0.8662	0.8485	0.8449	0.8817	0.8693
78.3	0.7983	0.8804	0.9032	0.9071	0.8681	0.9081	0.9346	0.9033
78.4	0.7714	0.8795	0.8994	0.9070	0.8841	0.9004	0.9422	0.9090
78.5	0.8137	0.8928	0.9064	0.9024	0.9084	0.9162	0.9480	0.9252
78.6	0.7982	0.8862	0.8913	0.8983	0.8996	0.9182	0.9326	0.9197
78.7	0.6895	0.8743	0.9183	0.8878	0.9021	0.9012	0.9450	0.9138
78.8	0.6299	0.8497	0.9324	0.9078	0.8895	0.8650	0.9393	0.9156
78.9	0.5237	0.8073	0.9326	0.8987	0.7942	0.8377	0.9288	0.9148
79.0	0.6034	0.7898	0.9429	0.9279	0.8139	0.8662	0.9478	0.9332
79.1	0.7342	0.8225	0.9533	0.9379	0.8907	0.9260	0.9552	0.9481
79.2	0.7273	0.8620	0.9231	0.9154	0.8902	0.9023	0.9399	0.9180
79.3	0.6126	0.8327	0.9227	0.9255	0.8813	0.8763	0.9380	0.9185
79.4	0.6567	0.8846	0.9557	0.9519	0.9087	0.9139	0.9601	0.9469
79.5	0.6468	0.9098	0.9492	0.9430	0.9037	0.9197	0.9609	0.9447
79.6	0.6354	0.8835	0.9205	0.9297	0.8838	0.9057	0.9531	0.9280
79.7	0.5650	0.8540	0.9296	0.9315	0.9026	0.9090	0.9562	0.9391
79.8	0.6237	0.8455	0.9462	0.9364	0.8839	0.8868	0.9503	0.9426
79.9	0.6270	0.8053	0.9465	0.9195	0.8277	0.8318	0.9545	0.9333
80.0	0.5638	0.7907	0.9324	0.9068	0.7981	0.8179	0.9441	0.9198

1.2.32 Run 9 – IP270A10 – SF and shaft bending gauges

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.9433	0.9908	0.9900	0.5397	0.9998	0.7150	0.9991	0.9676
0.1	0.6856	0.9463	0.9254	0.0884	0.9990	0.3592	0.9924	0.8165
0.2	0.5179	0.6152	0.3134	0.4296	0.8015	0.8089	0.5766	0.5850
0.3	0.9350	0.9539	0.9048	0.9236	0.9805	0.9743	0.9378	0.9227
0.4	0.9939	0.9944	0.9905	0.9938	0.9959	0.9958	0.9872	0.9869
0.5	0.9976	0.9977	0.9960	0.9976	0.9972	0.9979	0.9900	0.9916
0.6	0.9945	0.9953	0.9896	0.9933	0.9927	0.9953	0.9748	0.9788
0.7	0.9949	0.9971	0.9925	0.9965	0.9920	0.9966	0.9795	0.9841
0.8	0.9969	0.9984	0.9976	0.9987	0.9281	0.9936	0.8130	0.9548
0.9	0.9910	0.9954	0.9976	0.9988	0.7221	0.9671	0.4493	0.7997
1.0	0.9823	0.9918	0.9954	0.9970	0.7584	0.9328	0.6107	0.7862
1.1	0.9971	0.9987	0.9987	0.9986	0.9973	0.9961	0.9947	0.9897
1.2	0.9976	0.9994	0.9990	0.9991	0.9997	0.9994	0.9994	0.9985
1.3	0.9970	0.9995	0.9990	0.9992	0.9998	0.9997	0.9996	0.9991
1.4	0.9947	0.9990	0.9988	0.9989	0.9999	0.9998	0.9998	0.9994
1.5	0.9924	0.9871	0.9983	0.9984	0.9999	0.9999	0.9998	0.9996
1.6	0.9906	0.9884	0.9966	0.9969	0.9999	0.9999	0.9999	0.9997
1.7	0.9872	0.9929	0.9936	0.9941	0.9998	0.9997	0.9998	0.9996
1.8	0.9695	0.9777	0.9797	0.9811	0.9992	0.9991	0.9992	0.9989
1.9	0.9566	0.9618	0.9676	0.9687	0.9986	0.9981	0.9983	0.9975
2.0	0.8437	0.8607	0.8768	0.8825	0.9947	0.9929	0.9936	0.9911
2.1	0.7093	0.7389	0.7758	0.7909	0.9962	0.9950	0.9955	0.9934
2.2	0.7495	0.8121	0.8513	0.8699	0.9986	0.9979	0.9983	0.9970
2.3	0.8378	0.9195	0.9371	0.9485	0.9986	0.9983	0.9988	0.9968
2.4	0.9299	0.9728	0.9793	0.9817	0.9990	0.9993	0.9992	0.9986
2.5	0.9725	0.9891	0.9913	0.9928	0.9998	0.9998	0.9997	0.9996
2.6	0.9810	0.9926	0.9935	0.9950	0.9999	0.9999	0.9998	0.9997
2.7	0.9900	0.9964	0.9966	0.9974	0.9999	0.9999	0.9999	0.9998
2.8	0.9932	0.9976	0.9977	0.9981	1.0000	0.9999	0.9999	0.9999
2.9	0.9959	0.9986	0.9987	0.9988	1.0000	1.0000	0.9999	0.9999
3.0	0.9970	0.9990	0.9990	0.9992	1.0000	1.0000	0.9999	0.9999
3.1	0.9972	0.9990	0.9990	0.9992	1.0000	1.0000	1.0000	0.9999
3.2	0.9976	0.9992	0.9992	0.9993	1.0000	1.0000	1.0000	0.9999
3.3	0.9981	0.9993	0.9993	0.9994	1.0000	1.0000	1.0000	0.9999
3.4	0.9991	0.9997	0.9996	0.9997	1.0000	1.0000	1.0000	1.0000
3.5	0.9990	0.9996	0.9996	0.9997	1.0000	1.0000	0.9999	0.9999
3.6	0.9988	0.9995	0.9996	0.9996	1.0000	1.0000	0.9999	0.9999
3.7	0.9989	0.9996	0.9996	0.9996	1.0000	1.0000	0.9999	0.9999
3.8	0.9992	0.9997	0.9997	0.9997	1.0000	1.0000	0.9999	0.9999
3.9	0.9993	0.9998	0.9997	0.9998	1.0000	1.0000	1.0000	0.9999
4.0	0.9995	0.9998	0.9998	0.9998	1.0000	1.0000	1.0000	0.9999
4.1	0.9996	0.9998	0.9998	0.9999	1.0000	1.0000	1.0000	0.9999
4.2	0.9997	0.9999	0.9998	0.9999	1.0000	1.0000	1.0000	0.9999
4.3	0.9995	0.9997	0.9997	0.9998	1.0000	1.0000	1.0000	0.9999
4.4	0.9996	0.9998	0.9998	0.9999	1.0000	1.0000	1.0000	0.9999
4.5	0.9996	0.9998	0.9998	0.9998	1.0000	1.0000	0.9999	0.9999
4.6	0.9996	0.9998	0.9998	0.9999	1.0000	1.0000	1.0000	0.9999
4.7	0.9997	0.9999	0.9998	0.9999	1.0000	1.0000	0.9999	0.9999
4.8	0.9997	0.9998	0.9998	0.9999	1.0000	1.0000	0.9999	0.9999
4.9	0.9997	0.9998	0.9998	0.9999	1.0000	1.0000	0.9999	0.9999
5.0	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	0.9999
5.1	0.9997	0.9999	0.9998	0.9999	1.0000	1.0000	0.9999	0.9999
5.2	0.9997	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
5.3	0.9998	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
5.4	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	0.9999
5.5	0.9997	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
5.6	0.9997	0.9997	0.9997	0.9998	0.9999	1.0000	0.9999	0.9998
5.7	0.9997	0.9997	0.9997	0.9998	0.9999	1.0000	0.9999	0.9999
5.8	0.9996	0.9997	0.9998	0.9998	0.9999	0.9999	0.9999	0.9998
5.9	0.9995	0.9996	0.9997	0.9998	0.9999	0.9999	0.9999	0.9998
6.0	0.9995	0.9997	0.9997	0.9998	0.9999	0.9999	0.9999	0.9998
6.1	0.9997	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9998
6.2	0.9996	0.9996	0.9997	0.9998	0.9998	0.9999	0.9999	0.9998
6.3	0.9995	0.9996	0.9996	0.9997	0.9998	0.9999	0.9998	0.9998
6.4	0.9993	0.9996	0.9996	0.9997	0.9998	0.9999	0.9998	0.9997
6.5	0.9995	0.9995	0.9995	0.9997	0.9997	0.9999	0.9997	0.9997
6.6	0.9996	0.9996	0.9996	0.9998	0.9998	0.9999	0.9998	0.9997
6.7	0.9995	0.9995	0.9995	0.9998	0.9996	0.9999	0.9996	0.9997
6.8	0.9995	0.9994	0.9993	0.9997	0.9995	0.9999	0.9995	0.9996
6.9	0.9997	0.9995	0.9996	0.9997	0.9995	0.9998	0.9996	0.9994
7.0	0.9998	0.9996	0.9997	0.9997	0.9994	0.9997	0.9996	0.9992
7.1	0.9998	0.9996	0.9996	0.9998	0.9995	0.9999	0.9996	0.9997
7.2	0.9997	0.9997	0.9997	0.9999	0.9997	0.9999	0.9997	0.9998
7.3	0.9997	0.9995	0.9996	0.9999	0.9996	0.9999	0.9997	0.9998
7.4	0.9997	0.9992	0.9994	0.9998	0.9994	0.9999	0.9995	0.9997
7.5	0.9997	0.9992	0.9994	0.9998	0.9993	0.9999	0.9994	0.9998
7.6	0.9996	0.9991	0.9994	0.9998	0.9992	0.9999	0.9994	0.9997
7.7	0.9997	0.9992	0.9995	0.9998	0.9993	0.9999	0.9994	0.9996
7.8	0.9998	0.9992	0.9994	0.9998	0.9992	0.9999	0.9994	0.9996
7.9	0.9998	0.9990	0.9993	0.9997	0.9991	0.9998	0.9993	0.9995

8.0	0.9998	0.9992	0.9995	0.9997	0.9992	0.9999	0.9993	0.9996
8.1	0.9998	0.9993	0.9995	0.9998	0.9992	0.9999	0.9994	0.9996
8.2	0.9998	0.9994	0.9995	0.9998	0.9994	0.9999	0.9995	0.9997
8.3	0.9997	0.9994	0.9995	0.9998	0.9993	0.9998	0.9995	0.9995
8.4	0.9997	0.9994	0.9995	0.9998	0.9994	0.9998	0.9995	0.9996
8.5	0.9998	0.9990	0.9993	0.9996	0.9990	0.9998	0.9991	0.9996
8.6	0.9998	0.9992	0.9994	0.9997	0.9991	0.9998	0.9992	0.9996
8.7	0.9998	0.9993	0.9994	0.9998	0.9990	0.9999	0.9992	0.9996
8.8	0.9997	0.9992	0.9993	0.9997	0.9990	0.9998	0.9992	0.9996
8.9	0.9997	0.9990	0.9991	0.9997	0.9986	0.9998	0.9989	0.9996
9.0	0.9996	0.9987	0.9989	0.9995	0.9982	0.9997	0.9985	0.9995
9.1	0.9997	0.9989	0.9991	0.9995	0.9987	0.9997	0.9986	0.9996
9.2	0.9996	0.9990	0.9991	0.9996	0.9987	0.9997	0.9987	0.9995
9.3	0.9995	0.9989	0.9989	0.9995	0.9985	0.9997	0.9986	0.9995
9.4	0.9995	0.9989	0.9988	0.9995	0.9984	0.9997	0.9987	0.9995
9.5	0.9992	0.9987	0.9988	0.9994	0.9982	0.9996	0.9983	0.9995
9.6	0.9994	0.9990	0.9990	0.9995	0.9986	0.9997	0.9988	0.9997
9.7	0.9994	0.9988	0.9988	0.9994	0.9985	0.9996	0.9986	0.9996
9.8	0.9993	0.9988	0.9987	0.9993	0.9984	0.9996	0.9984	0.9996
9.9	0.9991	0.9985	0.9985	0.9991	0.9979	0.9995	0.9980	0.9995
10.0	0.9987	0.9977	0.9980	0.9988	0.9971	0.9993	0.9972	0.9993
10.1	0.9990	0.9984	0.9984	0.9990	0.9981	0.9993	0.9980	0.9991
10.2	0.9987	0.9979	0.9980	0.9988	0.9974	0.9992	0.9973	0.9990
10.3	0.9989	0.9983	0.9982	0.9990	0.9977	0.9994	0.9978	0.9994
10.4	0.9988	0.9985	0.9982	0.9991	0.9977	0.9993	0.9977	0.9992
10.5	0.9988	0.9982	0.9982	0.9989	0.9972	0.9993	0.9973	0.9992
10.6	0.9990	0.9984	0.9983	0.9990	0.9972	0.9993	0.9973	0.9993
10.7	0.9988	0.9984	0.9983	0.9990	0.9971	0.9992	0.9972	0.9991
10.8	0.9987	0.9982	0.9981	0.9989	0.9970	0.9992	0.9971	0.9992
10.9	0.9980	0.9977	0.9977	0.9985	0.9968	0.9990	0.9969	0.9990
11.0	0.9982	0.9985	0.9982	0.9990	0.9975	0.9993	0.9976	0.9993
11.1	0.9980	0.9979	0.9978	0.9985	0.9968	0.9989	0.9970	0.9989
11.2	0.9972	0.9970	0.9972	0.9980	0.9961	0.9987	0.9963	0.9986
11.3	0.9966	0.9966	0.9967	0.9977	0.9958	0.9984	0.9960	0.9983
11.4	0.9972	0.9968	0.9972	0.9981	0.9950	0.9984	0.9952	0.9983
11.5	0.9965	0.9967	0.9970	0.9979	0.9946	0.9982	0.9949	0.9979
11.6	0.9968	0.9974	0.9973	0.9982	0.9961	0.9985	0.9962	0.9982
11.7	0.9972	0.9975	0.9974	0.9982	0.9964	0.9984	0.9965	0.9981
11.8	0.9975	0.9974	0.9974	0.9981	0.9963	0.9984	0.9965	0.9981
11.9	0.9971	0.9972	0.9972	0.9978	0.9957	0.9978	0.9957	0.9971
12.0	0.9962	0.9967	0.9964	0.9973	0.9947	0.9974	0.9944	0.9965
12.1	0.9970	0.9972	0.9969	0.9978	0.9951	0.9980	0.9950	0.9974
12.2	0.9969	0.9965	0.9961	0.9971	0.9935	0.9971	0.9933	0.9962
12.3	0.9974	0.9966	0.9965	0.9973	0.9943	0.9969	0.9936	0.9955
12.4	0.9971	0.9970	0.9967	0.9975	0.9950	0.9981	0.9950	0.9976
12.5	0.9977	0.9971	0.9971	0.9978	0.9951	0.9984	0.9954	0.9980
12.6	0.9972	0.9968	0.9966	0.9974	0.9940	0.9977	0.9939	0.9973
12.7	0.9966	0.9962	0.9959	0.9969	0.9933	0.9975	0.9931	0.9976
12.8	0.9956	0.9949	0.9945	0.9957	0.9910	0.9968	0.9911	0.9969
12.9	0.9958	0.9957	0.9951	0.9961	0.9920	0.9969	0.9916	0.9969
13.0	0.9962	0.9957	0.9954	0.9962	0.9924	0.9969	0.9921	0.9968
13.1	0.9951	0.9941	0.9941	0.9951	0.9904	0.9962	0.9901	0.9964
13.2	0.9959	0.9950	0.9950	0.9958	0.9917	0.9970	0.9919	0.9972
13.3	0.9938	0.9935	0.9928	0.9939	0.9889	0.9956	0.9889	0.9958
13.4	0.9942	0.9940	0.9933	0.9943	0.9891	0.9958	0.9890	0.9961
13.5	0.9934	0.9927	0.9923	0.9934	0.9879	0.9950	0.9880	0.9953
13.6	0.9900	0.9894	0.9886	0.9903	0.9825	0.9925	0.9828	0.9930
13.7	0.9891	0.9882	0.9871	0.9891	0.9797	0.9921	0.9802	0.9929
13.8	0.9925	0.9920	0.9914	0.9928	0.9868	0.9942	0.9871	0.9945
13.9	0.9877	0.9871	0.9865	0.9878	0.9811	0.9903	0.9808	0.9906
14.0	0.9830	0.9821	0.9813	0.9830	0.9739	0.9865	0.9740	0.9870
14.1	0.9882	0.9879	0.9870	0.9883	0.9811	0.9908	0.9815	0.9912
14.2	0.9861	0.9848	0.9844	0.9857	0.9778	0.9886	0.9785	0.9891
14.3	0.9813	0.9795	0.9791	0.9809	0.9717	0.9844	0.9721	0.9849
14.4	0.9781	0.9779	0.9768	0.9785	0.9680	0.9830	0.9684	0.9840
14.5	0.9749	0.9750	0.9737	0.9751	0.9642	0.9801	0.9649	0.9811
14.6	0.9784	0.9775	0.9772	0.9782	0.9699	0.9824	0.9705	0.9832
14.7	0.9746	0.9720	0.9722	0.9733	0.9629	0.9780	0.9634	0.9787
14.8	0.9640	0.9620	0.9618	0.9633	0.9492	0.9686	0.9499	0.9691
14.9	0.9710	0.9714	0.9706	0.9717	0.9586	0.9765	0.9600	0.9776
15.0	0.9630	0.9648	0.9632	0.9649	0.9492	0.9700	0.9506	0.9713
15.1	0.9519	0.9508	0.9502	0.9523	0.9332	0.9604	0.9351	0.9622
15.2	0.9401	0.9397	0.9387	0.9406	0.9182	0.9496	0.9203	0.9518
15.3	0.9213	0.9212	0.9204	0.9224	0.8999	0.9320	0.9027	0.9345
15.4	0.9246	0.9237	0.9239	0.9249	0.9107	0.9310	0.9129	0.9318
15.5	0.9235	0.9227	0.9233	0.9236	0.9155	0.9285	0.9171	0.9288
15.6	0.8923	0.8929	0.8926	0.8927	0.8812	0.8982	0.8835	0.8995
15.7	0.8942	0.8967	0.8958	0.8955	0.8860	0.8971	0.8886	0.8975
15.8	0.9162	0.9179	0.9178	0.9170	0.9159	0.9143	0.9168	0.9126
15.9	0.9168	0.9193	0.9190	0.9179	0.9222	0.9115	0.9231	0.9088
16.0	0.9367	0.9378	0.9382	0.9370	0.9407	0.9274	0.9428	0.9237
16.1	0.9644	0.9645	0.9652	0.9645	0.9675	0.9579	0.9692	0.9550
16.2	0.9767	0.9774	0.9778	0.9772	0.9783	0.9721	0.9802	0.9694
16.3	0.9826	0.9834	0.9836	0.9831	0.9849	0.9769	0.9864	0.9734
16.4	0.9817	0.9821	0.9825	0.9819	0.9815	0.9729	0.9840	0.9673
16.5	0.9878	0.9880	0.9886	0.9879	0.9797	0.9801	0.9839	0.9734

16.6	0.9880	0.9880	0.9886	0.9879	0.9737	0.9782	0.9802	0.9687
16.7	0.9842	0.9845	0.9851	0.9842	0.9713	0.9751	0.9779	0.9660
16.8	0.9854	0.9854	0.9857	0.9852	0.9674	0.9753	0.9751	0.9669
16.9	0.9877	0.9876	0.9879	0.9875	0.9726	0.9742	0.9796	0.9644
17.0	0.9876	0.9881	0.9882	0.9876	0.9633	0.9706	0.9742	0.9564
17.1	0.9832	0.9840	0.9837	0.9826	0.9330	0.9658	0.9518	0.9520
17.2	0.9884	0.9890	0.9887	0.9880	0.9329	0.9791	0.9546	0.9702
17.3	0.9921	0.9924	0.9926	0.9920	0.9508	0.9847	0.9683	0.9765
17.4	0.9920	0.9922	0.9923	0.9919	0.9510	0.9882	0.9675	0.9809
17.5	0.9939	0.9942	0.9944	0.9940	0.9611	0.9951	0.9743	0.9910
17.6	0.9948	0.9951	0.9953	0.9949	0.9708	0.9927	0.9813	0.9878
17.7	0.9939	0.9943	0.9944	0.9940	0.9716	0.9938	0.9809	0.9899
17.8	0.9950	0.9956	0.9956	0.9953	0.9714	0.9967	0.9808	0.9938
17.9	0.9942	0.9947	0.9948	0.9945	0.9719	0.9972	0.9809	0.9947
18.0	0.9933	0.9936	0.9938	0.9935	0.9743	0.9968	0.9824	0.9955
18.1	0.9945	0.9948	0.9949	0.9947	0.9803	0.9974	0.9863	0.9966
18.2	0.9951	0.9957	0.9957	0.9955	0.9834	0.9981	0.9882	0.9977
18.3	0.9958	0.9960	0.9961	0.9960	0.9866	0.9981	0.9905	0.9979
18.4	0.9955	0.9958	0.9959	0.9956	0.9850	0.9974	0.9897	0.9970
18.5	0.9953	0.9954	0.9956	0.9953	0.9825	0.9978	0.9882	0.9975
18.6	0.9940	0.9944	0.9948	0.9945	0.9769	0.9978	0.9851	0.9970
18.7	0.9951	0.9957	0.9959	0.9954	0.9853	0.9975	0.9899	0.9976
18.8	0.9947	0.9952	0.9953	0.9951	0.9863	0.9972	0.9901	0.9976
18.9	0.9908	0.9913	0.9918	0.9912	0.9769	0.9956	0.9836	0.9965
19.0	0.9914	0.9919	0.9925	0.9918	0.9792	0.9958	0.9854	0.9966
19.1	0.9944	0.9946	0.9950	0.9946	0.9853	0.9969	0.9898	0.9972
19.2	0.9948	0.9954	0.9955	0.9952	0.9881	0.9976	0.9917	0.9981
19.3	0.9934	0.9944	0.9944	0.9940	0.9866	0.9975	0.9907	0.9981
19.4	0.9913	0.9926	0.9925	0.9920	0.9806	0.9968	0.9865	0.9978
19.5	0.9939	0.9947	0.9948	0.9945	0.9871	0.9983	0.9910	0.9989
19.6	0.9926	0.9934	0.9937	0.9933	0.9853	0.9980	0.9900	0.9988
19.7	0.9917	0.9925	0.9929	0.9926	0.9855	0.9975	0.9901	0.9984
19.8	0.9926	0.9937	0.9940	0.9936	0.9888	0.9976	0.9923	0.9985
19.9	0.9923	0.9934	0.9936	0.9932	0.9851	0.9978	0.9899	0.9986
20.0	0.9930	0.9940	0.9942	0.9938	0.9863	0.9972	0.9910	0.9980
20.1	0.9924	0.9936	0.9937	0.9934	0.9881	0.9970	0.9923	0.9980
20.2	0.9921	0.9929	0.9934	0.9929	0.9867	0.9979	0.9915	0.9986
20.3	0.9930	0.9934	0.9939	0.9935	0.9852	0.9978	0.9903	0.9985
20.4	0.9913	0.9923	0.9927	0.9922	0.9843	0.9976	0.9897	0.9985
20.5	0.9915	0.9925	0.9929	0.9925	0.9857	0.9977	0.9910	0.9986
20.6	0.9918	0.9925	0.9932	0.9927	0.9861	0.9979	0.9914	0.9986
20.7	0.9867	0.9880	0.9889	0.9880	0.9797	0.9964	0.9871	0.9978
20.8	0.9874	0.9881	0.9891	0.9884	0.9806	0.9972	0.9877	0.9985
20.9	0.9893	0.9898	0.9907	0.9902	0.9851	0.9971	0.9907	0.9984
21.0	0.9854	0.9865	0.9876	0.9868	0.9802	0.9961	0.9877	0.9977
21.1	0.9826	0.9835	0.9851	0.9843	0.9746	0.9950	0.9840	0.9970
21.2	0.9841	0.9838	0.9858	0.9849	0.9777	0.9953	0.9862	0.9973
21.3	0.9818	0.9804	0.9838	0.9827	0.9805	0.9955	0.9886	0.9974
21.4	0.9809	0.9800	0.9831	0.9821	0.9796	0.9959	0.9881	0.9978
21.5	0.9764	0.9752	0.9790	0.9782	0.9729	0.9942	0.9837	0.9965
21.6	0.9786	0.9766	0.9811	0.9807	0.9772	0.9950	0.9859	0.9969
21.7	0.9782	0.9746	0.9808	0.9801	0.9741	0.9940	0.9838	0.9963
21.8	0.9671	0.9653	0.9722	0.9709	0.9669	0.9922	0.9795	0.9953
21.9	0.9564	0.9501	0.9637	0.9617	0.9675	0.9920	0.9810	0.9952
22.0	0.9610	0.9553	0.9675	0.9666	0.9743	0.9938	0.9851	0.9960
22.1	0.9630	0.9617	0.9708	0.9690	0.9764	0.9931	0.9860	0.9958
22.2	0.9649	0.9646	0.9725	0.9694	0.9736	0.9922	0.9843	0.9954
22.3	0.9530	0.9556	0.9629	0.9608	0.9659	0.9919	0.9800	0.9955
22.4	0.9434	0.9459	0.9552	0.9540	0.9666	0.9917	0.9808	0.9950
22.5	0.9666	0.9687	0.9741	0.9723	0.9762	0.9940	0.9867	0.9966
22.6	0.9606	0.9621	0.9698	0.9682	0.9770	0.9948	0.9875	0.9972
22.7	0.9525	0.9539	0.9622	0.9603	0.9749	0.9932	0.9860	0.9963
22.8	0.9392	0.9438	0.9523	0.9508	0.9718	0.9921	0.9848	0.9956
22.9	0.9431	0.9461	0.9560	0.9549	0.9750	0.9922	0.9863	0.9955
23.0	0.9240	0.9305	0.9412	0.9398	0.9783	0.9919	0.9879	0.9951
23.1	0.9289	0.9313	0.9441	0.9433	0.9757	0.9906	0.9863	0.9943
23.2	0.9097	0.9163	0.9313	0.9304	0.9743	0.9904	0.9856	0.9943
23.3	0.8807	0.8923	0.9109	0.9119	0.9718	0.9899	0.9851	0.9942
23.4	0.8709	0.8822	0.9076	0.9078	0.9710	0.9896	0.9846	0.9941
23.5	0.8890	0.8906	0.9233	0.9226	0.9718	0.9889	0.9853	0.9940
23.6	0.8577	0.8604	0.9076	0.9058	0.9618	0.9851	0.9805	0.9922
23.7	0.8767	0.8943	0.9314	0.9263	0.9733	0.9895	0.9868	0.9950
23.8	0.8695	0.8912	0.9243	0.9162	0.9669	0.9833	0.9838	0.9922
23.9	0.8930	0.9186	0.9436	0.9396	0.9751	0.9889	0.9873	0.9943
24.0	0.9423	0.9625	0.9692	0.9651	0.9788	0.9909	0.9885	0.9952
24.1	0.9193	0.9486	0.9563	0.9458	0.9707	0.9867	0.9863	0.9936
24.2	0.9320	0.9575	0.9622	0.9548	0.9743	0.9912	0.9888	0.9962
24.3	0.9374	0.9607	0.9623	0.9571	0.9729	0.9908	0.9878	0.9957
24.4	0.8959	0.9344	0.9382	0.9285	0.9591	0.9878	0.9817	0.9940
24.5	0.8897	0.9304	0.9310	0.9206	0.9568	0.9879	0.9800	0.9937
24.6	0.8923	0.9306	0.9288	0.9186	0.9668	0.9872	0.9849	0.9938
24.7	0.8974	0.9299	0.9329	0.9212	0.9782	0.9902	0.9898	0.9957
24.8	0.9195	0.9453	0.9478	0.9376	0.9783	0.9919	0.9904	0.9968
24.9	0.9237	0.9519	0.9519	0.9441	0.9726	0.9910	0.9869	0.9955
25.0	0.9096	0.9447	0.9441	0.9352	0.9713	0.9894	0.9858	0.9936
25.1	0.9153	0.9338	0.9391	0.9302	0.9749	0.9906	0.9887	0.9944

25.2	0.8800	0.9027	0.9150	0.9006	0.9727	0.9903	0.9880	0.9941
25.3	0.8752	0.9048	0.9148	0.8978	0.9718	0.9899	0.9867	0.9936
25.4	0.8420	0.8796	0.8906	0.8723	0.9729	0.9869	0.9875	0.9922
25.5	0.8119	0.8578	0.8655	0.8487	0.9659	0.9843	0.9834	0.9894
25.6	0.8109	0.8578	0.8667	0.8467	0.9614	0.9859	0.9836	0.9895
25.7	0.8416	0.8779	0.8882	0.8673	0.9671	0.9899	0.9839	0.9896
25.8	0.7707	0.8193	0.8316	0.8066	0.9649	0.9840	0.9839	0.9871
25.9	0.7548	0.8091	0.8218	0.7977	0.9687	0.9803	0.9831	0.9839
26.0	0.7788	0.8246	0.8319	0.8142	0.9686	0.9796	0.9801	0.9818
26.1	0.7664	0.8070	0.8196	0.7995	0.9579	0.9764	0.9759	0.9773
26.2	0.7723	0.8164	0.8287	0.8073	0.9539	0.9783	0.9773	0.9809
26.3	0.7121	0.7695	0.7874	0.7536	0.9559	0.9749	0.9780	0.9775
26.4	0.6857	0.7400	0.7607	0.7264	0.9602	0.9717	0.9775	0.9732
26.5	0.7287	0.7672	0.7874	0.7613	0.9607	0.9678	0.9760	0.9698
26.6	0.7523	0.7842	0.8024	0.7741	0.9558	0.9662	0.9749	0.9700
26.7	0.7021	0.7466	0.7655	0.7329	0.9491	0.9616	0.9699	0.9667
26.8	0.6935	0.7306	0.7500	0.7241	0.9401	0.9475	0.9670	0.9554
26.9	0.7457	0.7742	0.7922	0.7719	0.9396	0.9486	0.9667	0.9576
27.0	0.7659	0.7884	0.8020	0.7865	0.9333	0.9344	0.9578	0.9463
27.1	0.7079	0.7271	0.7458	0.7257	0.9218	0.9171	0.9486	0.9307
27.2	0.6710	0.6913	0.7130	0.6873	0.9154	0.9151	0.9549	0.9388
27.3	0.5840	0.6189	0.6417	0.6079	0.9089	0.9081	0.9569	0.9400
27.4	0.6467	0.6796	0.6969	0.6743	0.9030	0.9099	0.9484	0.9390
27.5	0.6902	0.7144	0.7347	0.7130	0.8817	0.9002	0.9354	0.9323
27.6	0.6169	0.6499	0.6655	0.6448	0.8475	0.8743	0.9147	0.9155
27.7	0.6577	0.6845	0.6994	0.6797	0.8862	0.8991	0.9361	0.9351
27.8	0.6493	0.6715	0.6901	0.6686	0.8938	0.9122	0.9482	0.9507
27.9	0.6115	0.6434	0.6553	0.6356	0.8986	0.9176	0.9504	0.9507
28.0	0.6529	0.6915	0.7013	0.6761	0.9230	0.9334	0.9597	0.9564
28.1	0.6420	0.6812	0.6879	0.6666	0.9189	0.9359	0.9632	0.9656
28.2	0.6173	0.6364	0.6477	0.6279	0.8980	0.9236	0.9490	0.9521
28.3	0.5196	0.5322	0.5590	0.5325	0.8832	0.9052	0.9496	0.9404
28.4	0.6284	0.6403	0.6597	0.6354	0.9330	0.9392	0.9690	0.9605
28.5	0.6814	0.6893	0.6993	0.6854	0.9409	0.9583	0.9740	0.9745
28.6	0.6986	0.7229	0.7209	0.7095	0.9322	0.9590	0.9699	0.9738
28.7	0.6693	0.6804	0.6853	0.6615	0.9364	0.9576	0.9743	0.9786
28.8	0.6014	0.5866	0.6071	0.5813	0.9473	0.9588	0.9792	0.9786
28.9	0.6947	0.6996	0.7140	0.6770	0.9617	0.9742	0.9827	0.9825
29.0	0.6944	0.6814	0.7151	0.6751	0.9433	0.9685	0.9757	0.9816
29.1	0.6299	0.5916	0.6510	0.6153	0.9504	0.9720	0.9781	0.9781
29.2	0.5369	0.5149	0.5804	0.5715	0.9394	0.9639	0.9709	0.9704
29.3	0.6584	0.6757	0.7088	0.7028	0.9625	0.9786	0.9815	0.9804
29.4	0.6818	0.6666	0.7200	0.7231	0.9483	0.9750	0.9717	0.9760
29.5	0.5605	0.5623	0.6277	0.6827	0.9436	0.9691	0.9679	0.9738
29.6	0.4382	0.5255	0.5569	0.6233	0.9431	0.9713	0.9724	0.9772
29.7	0.3625	0.5154	0.5205	0.5710	0.9456	0.9741	0.9735	0.9736
29.8	0.3787	0.5366	0.5167	0.5884	0.9360	0.9712	0.9704	0.9718
29.9	0.4596	0.6300	0.6093	0.6823	0.9502	0.9754	0.9739	0.9734
30.0	0.4271	0.6186	0.6187	0.6853	0.9634	0.9806	0.9814	0.9787
30.1	0.2845	0.5036	0.5179	0.6165	0.9617	0.9823	0.9796	0.9792
30.2	0.2755	0.5061	0.5334	0.5939	0.9566	0.9827	0.9792	0.9793
30.3	0.1855	0.4046	0.4007	0.4664	0.9372	0.9701	0.9662	0.9643
30.4	0.1563	0.3632	0.3579	0.4399	0.9328	0.9723	0.9704	0.9711
30.5	0.2658	0.4039	0.4381	0.5186	0.9454	0.9761	0.9742	0.9722
30.6	0.3697	0.5232	0.5492	0.6037	0.9363	0.9735	0.9657	0.9675
30.7	0.3902	0.5765	0.5733	0.6205	0.9441	0.9781	0.9725	0.9733
30.8	0.1837	0.4018	0.3604	0.4687	0.9412	0.9743	0.9707	0.9719
30.9	0.2255	0.4214	0.3916	0.4805	0.9414	0.9775	0.9723	0.9760
31.0	0.2514	0.4607	0.4373	0.5186	0.9549	0.9771	0.9768	0.9759
31.1	0.2379	0.4699	0.4571	0.5318	0.9470	0.9759	0.9720	0.9712
31.2	0.1707	0.3604	0.3289	0.3915	0.9363	0.9747	0.9731	0.9726
31.3	0.0869	0.2808	0.2278	0.3246	0.9526	0.9779	0.9812	0.9772
31.4	0.1322	0.3237	0.2661	0.3768	0.9314	0.9661	0.9686	0.9673
31.5	0.1607	0.3590	0.2812	0.3830	0.9304	0.9688	0.9681	0.9693
31.6	0.0427	0.1860	0.1299	0.2273	0.9217	0.9699	0.9704	0.9702
31.7	0.0075	0.1386	0.0912	0.1676	0.9257	0.9689	0.9726	0.9736
31.8	0.0051	0.1361	0.0685	0.1625	0.9395	0.9675	0.9727	0.9732
31.9	0.0195	0.1409	0.0572	0.1612	0.9296	0.9613	0.9678	0.9676
32.0	0.0198	0.0905	0.0237	0.0806	0.9359	0.9562	0.9721	0.9653
32.1	0.0263	0.0518	0.0088	0.0548	0.9426	0.9559	0.9772	0.9637
32.2	0.0007	0.1063	0.0458	0.1202	0.9437	0.9611	0.9739	0.9724
32.3	0.0157	0.1465	0.0780	0.1484	0.9362	0.9563	0.9722	0.9724
32.4	0.0876	0.1494	0.1039	0.1200	0.9342	0.9606	0.9770	0.9785
32.5	0.1277	0.1844	0.1500	0.1399	0.9221	0.9620	0.9724	0.9788
32.6	0.0336	0.0652	0.0141	0.0510	0.8922	0.9438	0.9562	0.9657
32.7	0.0865	0.0427	0.0568	0.0361	0.8583	0.9245	0.9446	0.9615
32.8	0.1631	0.1777	0.2010	0.1484	0.8859	0.9413	0.9587	0.9695
32.9	0.1639	0.1488	0.1863	0.1026	0.8932	0.9424	0.9592	0.9657
33.0	0.1264	0.1994	0.1991	0.1465	0.8841	0.9439	0.9568	0.9701
33.1	0.1354	0.2342	0.2375	0.2302	0.8977	0.9431	0.9646	0.9713
33.2	0.2182	0.2712	0.3049	0.2365	0.8977	0.9472	0.9625	0.9720
33.3	0.2016	0.3187	0.3255	0.2174	0.9193	0.9562	0.9733	0.9828
33.4	0.2461	0.4072	0.4334	0.3071	0.9039	0.9507	0.9688	0.9798
33.5	0.3620	0.4228	0.5532	0.4171	0.9273	0.9646	0.9771	0.9845
33.6	0.4411	0.4152	0.5749	0.3969	0.9114	0.9620	0.9712	0.9834
33.7	0.4513	0.5160	0.5886	0.4643	0.8707	0.9392	0.9569	0.9712

33.8	0.5395	0.5720	0.6937	0.5923	0.8644	0.9338	0.9511	0.9638
33.9	0.5207	0.5764	0.6892	0.5723	0.8682	0.9463	0.9565	0.9759
34.0	0.6285	0.5716	0.7263	0.5939	0.8747	0.9458	0.9568	0.9727
34.1	0.6807	0.6684	0.7629	0.6769	0.8617	0.9448	0.9550	0.9741
34.2	0.6505	0.6977	0.7513	0.6771	0.8558	0.9339	0.9546	0.9714
34.3	0.6643	0.7486	0.7729	0.7161	0.8626	0.9353	0.9561	0.9732
34.4	0.6473	0.6961	0.7410	0.6844	0.8555	0.9403	0.9580	0.9763
34.5	0.6444	0.7424	0.7683	0.7163	0.8461	0.9440	0.9575	0.9775
34.6	0.7325	0.7865	0.8213	0.8052	0.8417	0.9396	0.9559	0.9787
34.7	0.7591	0.7826	0.8487	0.8204	0.8650	0.9458	0.9603	0.9808
34.8	0.7032	0.6614	0.7863	0.7401	0.8185	0.9211	0.9445	0.9685
34.9	0.6495	0.6490	0.7701	0.7221	0.8277	0.9131	0.9495	0.9638
35.0	0.7626	0.6804	0.8492	0.8064	0.8332	0.9193	0.9523	0.9697
35.1	0.7014	0.6528	0.8224	0.7891	0.8254	0.9271	0.9509	0.9768
35.2	0.6430	0.6539	0.8347	0.7665	0.8300	0.9405	0.9543	0.9748
35.3	0.6657	0.6596	0.8625	0.8266	0.8048	0.9334	0.9516	0.9732
35.4	0.6150	0.6151	0.8158	0.8188	0.7609	0.9074	0.9405	0.9692
35.5	0.6272	0.6254	0.8437	0.8322	0.7990	0.9339	0.9500	0.9804
35.6	0.6357	0.5720	0.8541	0.7853	0.7774	0.9302	0.9483	0.9763
35.7	0.6955	0.6376	0.8634	0.8199	0.8260	0.9368	0.9575	0.9730
35.8	0.6899	0.5510	0.8453	0.8228	0.7633	0.9283	0.9446	0.9757
35.9	0.7434	0.5575	0.8597	0.8288	0.7882	0.9425	0.9489	0.9802
36.0	0.7053	0.5451	0.8613	0.8240	0.8416	0.9426	0.9631	0.9807
36.1	0.7094	0.6542	0.8830	0.8684	0.8498	0.9332	0.9651	0.9728
36.2	0.7829	0.7368	0.9204	0.9085	0.8641	0.9367	0.9680	0.9754
36.3	0.7467	0.6634	0.8881	0.8734	0.8269	0.9280	0.9605	0.9715
36.4	0.7465	0.5961	0.8676	0.8633	0.7981	0.9181	0.9497	0.9705
36.5	0.7447	0.6607	0.8499	0.8479	0.7810	0.9168	0.9503	0.9695
36.6	0.8321	0.7226	0.9095	0.9065	0.8283	0.9447	0.9648	0.9739
36.7	0.8187	0.7519	0.9208	0.9232	0.8155	0.9378	0.9599	0.9751
36.8	0.7883	0.7468	0.9211	0.9185	0.8084	0.9252	0.9529	0.9724
36.9	0.8045	0.7043	0.9291	0.9272	0.7504	0.9096	0.9488	0.9614
37.0	0.7431	0.7031	0.9302	0.9247	0.7464	0.9103	0.9531	0.9640
37.1	0.7195	0.7541	0.9339	0.9333	0.7469	0.9132	0.9424	0.9718
37.2	0.7625	0.7459	0.9467	0.9457	0.7989	0.9127	0.9566	0.9698
37.3	0.6624	0.6430	0.9376	0.9358	0.7675	0.9022	0.9463	0.9579
37.4	0.5749	0.4883	0.9305	0.9284	0.6947	0.8944	0.9342	0.9529
37.5	0.6555	0.5747	0.9543	0.9507	0.7737	0.9155	0.9578	0.9632
37.6	0.5709	0.5781	0.9525	0.9561	0.7994	0.9229	0.9591	0.9643
37.7	0.4162	0.5811	0.9548	0.9573	0.7821	0.9210	0.9652	0.9602
37.8	0.2877	0.5430	0.9567	0.9509	0.7112	0.8916	0.9506	0.9528
37.9	0.4152	0.4982	0.9556	0.9501	0.8183	0.8919	0.9625	0.9627
38.0	0.5608	0.4666	0.9638	0.9583	0.8539	0.9134	0.9701	0.9668
38.1	0.3744	0.4474	0.9507	0.9531	0.8151	0.8973	0.9659	0.9541
38.2	0.1782	0.4229	0.9490	0.9419	0.7933	0.8547	0.9633	0.9301
38.3	0.1752	0.4719	0.9618	0.9538	0.7603	0.8634	0.9586	0.9361
38.4	0.2473	0.4691	0.9638	0.9607	0.7441	0.8580	0.9582	0.9488
38.5	0.2137	0.4065	0.9588	0.9562	0.7242	0.8255	0.9527	0.9432
38.6	0.1217	0.3927	0.9581	0.9552	0.7006	0.8302	0.9521	0.9375
38.7	0.1292	0.3428	0.9556	0.9524	0.6686	0.8526	0.9430	0.9397
38.8	0.2587	0.2665	0.9626	0.9531	0.7266	0.8850	0.9580	0.9503
38.9	0.1521	0.3218	0.9580	0.9485	0.6694	0.8281	0.9517	0.9337
39.0	0.1790	0.2667	0.9491	0.9456	0.6029	0.7702	0.9377	0.9160
39.1	0.2761	0.2419	0.9316	0.9281	0.5764	0.7384	0.9403	0.9198
39.2	0.1845	0.2884	0.9387	0.9276	0.5933	0.7953	0.9405	0.9418
39.3	0.1445	0.2975	0.9555	0.9374	0.6515	0.8306	0.9583	0.9254
39.4	0.1638	0.2587	0.9616	0.9369	0.6565	0.8044	0.9599	0.9183
39.5	0.1055	0.2563	0.9382	0.9131	0.5410	0.8036	0.9390	0.9217
39.6	0.1180	0.3105	0.9333	0.9211	0.6508	0.8058	0.9547	0.9236
39.7	0.1033	0.2814	0.9351	0.9204	0.6318	0.7988	0.9570	0.9130
39.8	0.1249	0.2289	0.9427	0.9240	0.6521	0.7780	0.9595	0.8996
39.9	0.1558	0.3323	0.9512	0.9317	0.6222	0.8310	0.9529	0.9321
40.0	0.2608	0.2684	0.9560	0.9339	0.6874	0.8090	0.9604	0.9237
40.1	0.2275	0.2068	0.9602	0.9395	0.7111	0.7556	0.9647	0.8925
40.2	0.1657	0.1819	0.9495	0.9288	0.5880	0.7424	0.9580	0.8634
40.3	0.2087	0.1573	0.9436	0.9217	0.5787	0.7948	0.9583	0.8921
40.4	0.1338	0.2460	0.9403	0.9267	0.5349	0.7980	0.9563	0.9202
40.5	0.0186	0.4898	0.9343	0.9343	0.5215	0.7703	0.9530	0.9101
40.6	0.0017	0.5128	0.9395	0.9314	0.4701	0.7597	0.9411	0.9206
40.7	0.0137	0.4616	0.9423	0.9368	0.4434	0.7554	0.9453	0.9045
40.8	0.0403	0.3722	0.9357	0.9254	0.4007	0.7692	0.9476	0.8999
40.9	0.0006	0.4591	0.9255	0.9199	0.3753	0.6888	0.9465	0.8833
41.0	0.0149	0.5328	0.9410	0.9271	0.4018	0.7876	0.9627	0.9097
41.1	0.0185	0.4394	0.9394	0.9358	0.3678	0.7903	0.9597	0.9086
41.2	0.0214	0.5370	0.9138	0.9314	0.3815	0.7542	0.9512	0.9237
41.3	0.0596	0.5629	0.9294	0.9442	0.4185	0.7694	0.9615	0.9059
41.4	0.1493	0.6502	0.9408	0.9364	0.4139	0.7553	0.9607	0.9133
41.5	0.1520	0.6039	0.8941	0.8948	0.3044	0.7045	0.9378	0.9167
41.6	0.3124	0.6753	0.9021	0.9010	0.3228	0.7868	0.9592	0.9319
41.7	0.3902	0.7214	0.9237	0.9157	0.2514	0.7481	0.9581	0.9272
41.8	0.4000	0.6569	0.9197	0.9210	0.2982	0.7108	0.9537	0.9291
41.9	0.4752	0.6518	0.9314	0.9290	0.2154	0.7204	0.9454	0.9445
42.0	0.5482	0.6218	0.9291	0.9281	0.1591	0.6898	0.9353	0.9282
42.1	0.6225	0.6776	0.9407	0.9340	0.2631	0.7527	0.9404	0.9452
42.2	0.6937	0.7281	0.9411	0.9306	0.2198	0.7390	0.9509	0.9607
42.3	0.7876	0.7837	0.9399	0.9392	0.1166	0.6947	0.9640	0.9618

42.4	0.7560	0.7534	0.9337	0.9346	0.1455	0.6621	0.9477	0.9492
42.5	0.7402	0.7800	0.9473	0.9380	0.1210	0.6323	0.9435	0.9442
42.6	0.7510	0.7990	0.9449	0.9390	0.1855	0.6530	0.9487	0.9494
42.7	0.8061	0.7831	0.9556	0.9604	0.2961	0.6361	0.9464	0.9431
42.8	0.8144	0.7428	0.9361	0.9279	0.1663	0.5701	0.9359	0.9384
42.9	0.8834	0.7953	0.9495	0.9412	0.1455	0.6500	0.9417	0.9514
43.0	0.8850	0.7509	0.9687	0.9534	0.2060	0.6338	0.9278	0.9520
43.1	0.8658	0.7964	0.9649	0.9604	0.2021	0.4794	0.9333	0.9415
43.2	0.8978	0.8090	0.9647	0.9628	0.2138	0.4480	0.9398	0.9414
43.3	0.8953	0.8620	0.9707	0.9705	0.2826	0.5233	0.9447	0.9584
43.4	0.9003	0.8421	0.9648	0.9683	0.1871	0.6036	0.9324	0.9580
43.5	0.9246	0.8708	0.9738	0.9715	0.2903	0.6357	0.9382	0.9619
43.6	0.9467	0.8727	0.9783	0.9765	0.2385	0.6960	0.9481	0.9623
43.7	0.9600	0.8796	0.9781	0.9774	0.2184	0.6879	0.9461	0.9662
43.8	0.9549	0.8981	0.9745	0.9759	0.2130	0.6286	0.9368	0.9659
43.9	0.9541	0.9310	0.9786	0.9830	0.1942	0.6005	0.9251	0.9682
44.0	0.9633	0.9533	0.9817	0.9836	0.2469	0.6300	0.9412	0.9729
44.1	0.9610	0.9331	0.9779	0.9725	0.3306	0.6462	0.9452	0.9639
44.2	0.9756	0.9427	0.9843	0.9817	0.3130	0.6879	0.9466	0.9628
44.3	0.9774	0.9493	0.9873	0.9837	0.3017	0.6755	0.9397	0.9637
44.4	0.9723	0.9340	0.9784	0.9778	0.3268	0.6579	0.9226	0.9502
44.5	0.9777	0.9540	0.9793	0.9806	0.2715	0.6307	0.9342	0.9449
44.6	0.9776	0.9707	0.9840	0.9783	0.3314	0.6071	0.9376	0.9626
44.7	0.9691	0.9668	0.9807	0.9762	0.5135	0.6772	0.9448	0.9680
44.8	0.9698	0.9530	0.9754	0.9725	0.4252	0.4920	0.9247	0.9456
44.9	0.9618	0.9471	0.9733	0.9666	0.2115	0.4228	0.9129	0.9436
45.0	0.9758	0.9539	0.9775	0.9778	0.3833	0.6177	0.9361	0.9562
45.1	0.9903	0.9781	0.9884	0.9894	0.5317	0.7009	0.9407	0.9677
45.2	0.9888	0.9864	0.9918	0.9912	0.5506	0.6793	0.9462	0.9681
45.3	0.9762	0.9784	0.9883	0.9859	0.4147	0.6490	0.9339	0.9628
45.4	0.9444	0.9734	0.9803	0.9726	0.3555	0.5888	0.9264	0.9519
45.5	0.9603	0.9751	0.9805	0.9761	0.3373	0.4921	0.9234	0.9345
45.6	0.9766	0.9650	0.9815	0.9760	0.4186	0.5109	0.9304	0.9267
45.7	0.9802	0.9599	0.9797	0.9757	0.4742	0.5896	0.9177	0.9348
45.8	0.9726	0.9681	0.9808	0.9796	0.5528	0.6757	0.9126	0.9501
45.9	0.9609	0.9614	0.9709	0.9707	0.5419	0.6514	0.9057	0.9331
46.0	0.9827	0.9786	0.9850	0.9847	0.5100	0.6824	0.9230	0.9425
46.1	0.9816	0.9773	0.9840	0.9811	0.6564	0.7371	0.9315	0.9512
46.2	0.9684	0.9744	0.9781	0.9759	0.6277	0.6994	0.9023	0.9320
46.3	0.9695	0.9871	0.9813	0.9800	0.5711	0.6987	0.9317	0.9432
46.4	0.9806	0.9875	0.9891	0.9854	0.6426	0.7647	0.9271	0.9480
46.5	0.9835	0.9888	0.9917	0.9880	0.6460	0.7986	0.9342	0.9531
46.6	0.9761	0.9863	0.9891	0.9868	0.6110	0.7383	0.9228	0.9396
46.7	0.9633	0.9803	0.9839	0.9782	0.5484	0.6174	0.8869	0.9157
46.8	0.9690	0.9828	0.9902	0.9891	0.6626	0.6604	0.9158	0.9540
46.9	0.9597	0.9800	0.9905	0.9866	0.6522	0.6749	0.9310	0.9541
47.0	0.9660	0.9720	0.9865	0.9848	0.6178	0.6710	0.8970	0.9304
47.1	0.9564	0.9698	0.9833	0.9811	0.5375	0.5683	0.8760	0.9038
47.2	0.9396	0.9691	0.9857	0.9807	0.5168	0.5258	0.8603	0.8904
47.3	0.9437	0.9637	0.9823	0.9783	0.5960	0.5747	0.8757	0.8873
47.4	0.9612	0.9734	0.9818	0.9807	0.7384	0.7542	0.9263	0.9256
47.5	0.9650	0.9781	0.9849	0.9827	0.7200	0.7508	0.9231	0.9278
47.6	0.9588	0.9739	0.9839	0.9784	0.6926	0.7147	0.8851	0.9098
47.7	0.9590	0.9758	0.9845	0.9805	0.6844	0.7262	0.9112	0.9039
47.8	0.9312	0.9598	0.9817	0.9776	0.6815	0.7440	0.8828	0.9117
47.9	0.8955	0.9572	0.9698	0.9740	0.6755	0.8048	0.8757	0.9140
48.0	0.9214	0.9656	0.9640	0.9684	0.6482	0.7571	0.9042	0.9151
48.1	0.9498	0.9779	0.9740	0.9734	0.6640	0.8156	0.8709	0.9234
48.2	0.9669	0.9763	0.9775	0.9735	0.6611	0.7922	0.9006	0.9263
48.3	0.9737	0.9791	0.9819	0.9754	0.7216	0.8193	0.9040	0.9212
48.4	0.9649	0.9776	0.9825	0.9754	0.7496	0.7759	0.8681	0.9100
48.5	0.9654	0.9816	0.9880	0.9822	0.7830	0.8013	0.8964	0.9159
48.6	0.9447	0.9738	0.9830	0.9777	0.7562	0.8118	0.9027	0.9249
48.7	0.9184	0.9601	0.9686	0.9618	0.6929	0.7989	0.9190	0.9174
48.8	0.9348	0.9726	0.9733	0.9718	0.6651	0.8057	0.8970	0.9161
48.9	0.9582	0.9797	0.9812	0.9787	0.7460	0.8522	0.9061	0.9227
49.0	0.9619	0.9700	0.9794	0.9753	0.7498	0.7846	0.8805	0.8819
49.1	0.9172	0.9636	0.9633	0.9621	0.7034	0.7741	0.8547	0.8865
49.2	0.8582	0.9463	0.9473	0.9425	0.6866	0.7815	0.8567	0.8838
49.3	0.8768	0.9542	0.9563	0.9561	0.6865	0.8123	0.8958	0.8957
49.4	0.8777	0.9407	0.9444	0.9466	0.5636	0.7519	0.9110	0.8808
49.5	0.8978	0.9534	0.9511	0.9518	0.6270	0.7294	0.9047	0.8788
49.6	0.8900	0.9357	0.9434	0.9439	0.7020	0.7965	0.9017	0.8770
49.7	0.6020	0.8097	0.8486	0.8519	0.6596	0.8154	0.8832	0.8923
49.8	0.6341	0.7515	0.8251	0.8263	0.6969	0.8245	0.8911	0.8961
49.9	0.7720	0.8759	0.8800	0.8834	0.6679	0.8231	0.8844	0.8902
50.0	0.8123	0.9039	0.8663	0.8795	0.6628	0.7828	0.8691	0.8514
50.1	0.8597	0.8991	0.9137	0.9249	0.5763	0.7592	0.9065	0.8710
50.2	0.9373	0.9416	0.9545	0.9586	0.6483	0.8117	0.9137	0.9100
50.3	0.9688	0.9655	0.9676	0.9711	0.7636	0.8461	0.9295	0.9100
50.4	0.9630	0.9415	0.9399	0.9451	0.6717	0.8188	0.8903	0.8713
50.5	0.9664	0.9509	0.9510	0.9513	0.7458	0.8498	0.8714	0.8841
50.6	0.9636	0.9591	0.9604	0.9584	0.8063	0.8833	0.9019	0.9113
50.7	0.9473	0.9355	0.9392	0.9397	0.7264	0.8525	0.8876	0.8865
50.8	0.9652	0.9535	0.9606	0.9637	0.7539	0.8672	0.8886	0.8859
50.9	0.9739	0.9681	0.9683	0.9695	0.8033	0.9070	0.9135	0.9148

51.0	0.9612	0.9646	0.9543	0.9549	0.7153	0.8953	0.9004	0.9122
51.1	0.9473	0.9438	0.9360	0.9374	0.7102	0.8794	0.8840	0.8940
51.2	0.9367	0.9283	0.9321	0.9330	0.7448	0.8640	0.8824	0.8523
51.3	0.9603	0.9688	0.9640	0.9650	0.8453	0.9055	0.9019	0.8976
51.4	0.9318	0.9615	0.9516	0.9574	0.8086	0.9184	0.8993	0.9425
51.5	0.9524	0.9404	0.9519	0.9588	0.7904	0.9166	0.9138	0.9249
51.6	0.9705	0.9495	0.9676	0.9699	0.7670	0.9154	0.9308	0.9064
51.7	0.9798	0.9610	0.9788	0.9799	0.7704	0.8857	0.9309	0.8880
51.8	0.9723	0.9502	0.9696	0.9692	0.7413	0.8750	0.8973	0.8762
51.9	0.9820	0.9581	0.9747	0.9748	0.8007	0.8876	0.8868	0.8840
52.0	0.9786	0.9543	0.9736	0.9743	0.8114	0.8787	0.8881	0.8573
52.1	0.9820	0.9663	0.9788	0.9795	0.8260	0.9132	0.9128	0.8924
52.2	0.9754	0.9629	0.9726	0.9730	0.8432	0.9199	0.9113	0.8946
52.3	0.9640	0.9556	0.9631	0.9646	0.8188	0.9258	0.9015	0.9033
52.4	0.9596	0.9411	0.9549	0.9584	0.7845	0.9124	0.8744	0.8814
52.5	0.9649	0.9407	0.9552	0.9605	0.8193	0.8948	0.8545	0.8610
52.6	0.9772	0.9625	0.9699	0.9731	0.8568	0.8983	0.8761	0.8539
52.7	0.9500	0.9389	0.9468	0.9523	0.7957	0.9004	0.8636	0.8364
52.8	0.9345	0.9349	0.9399	0.9436	0.8291	0.9134	0.8956	0.8518
52.9	0.9534	0.9270	0.9433	0.9491	0.8415	0.8908	0.9025	0.8680
53.0	0.9770	0.9563	0.9684	0.9728	0.8379	0.8908	0.9052	0.8843
53.1	0.9707	0.9510	0.9655	0.9665	0.8258	0.8784	0.8726	0.8747
53.2	0.9778	0.9572	0.9702	0.9756	0.8367	0.8731	0.9054	0.8771
53.3	0.9784	0.9607	0.9701	0.9757	0.8659	0.8698	0.9329	0.8775
53.4	0.9694	0.9635	0.9683	0.9688	0.8573	0.8939	0.9268	0.8985
53.5	0.9575	0.9592	0.9565	0.9636	0.8264	0.9114	0.9203	0.8936
53.6	0.9606	0.9511	0.9547	0.9627	0.8453	0.8837	0.9160	0.8992
53.7	0.9800	0.9682	0.9744	0.9784	0.8678	0.8791	0.9191	0.9165
53.8	0.9812	0.9741	0.9780	0.9811	0.8410	0.8638	0.9110	0.9158
53.9	0.9735	0.9688	0.9718	0.9744	0.8317	0.8760	0.9149	0.9207
54.0	0.9721	0.9700	0.9705	0.9728	0.8531	0.9081	0.9277	0.9247
54.1	0.9575	0.9547	0.9525	0.9595	0.8495	0.8949	0.9105	0.9214
54.2	0.9735	0.9656	0.9693	0.9752	0.8337	0.8650	0.9334	0.9159
54.3	0.9813	0.9794	0.9818	0.9822	0.8722	0.8868	0.9429	0.9318
54.4	0.9845	0.9842	0.9852	0.9839	0.8756	0.9036	0.9487	0.9353
54.5	0.9794	0.9814	0.9804	0.9809	0.8760	0.9173	0.9426	0.9423
54.6	0.9733	0.9770	0.9758	0.9772	0.8870	0.9308	0.9418	0.9529
54.7	0.9720	0.9718	0.9705	0.9757	0.8871	0.8859	0.9447	0.9387
54.8	0.9803	0.9800	0.9806	0.9824	0.8789	0.9046	0.9573	0.9407
54.9	0.9871	0.9861	0.9868	0.9884	0.8587	0.9206	0.9593	0.9502
55.0	0.9894	0.9897	0.9895	0.9903	0.8801	0.9396	0.9655	0.9568
55.1	0.9858	0.9864	0.9864	0.9874	0.8970	0.9371	0.9584	0.9531
55.2	0.9754	0.9744	0.9768	0.9764	0.8586	0.9114	0.9373	0.9282
55.3	0.9773	0.9784	0.9796	0.9778	0.8716	0.9193	0.9526	0.9344
55.4	0.9800	0.9807	0.9810	0.9814	0.8935	0.9198	0.9460	0.9456
55.5	0.9785	0.9802	0.9782	0.9786	0.9048	0.9436	0.9561	0.9524
55.6	0.9762	0.9768	0.9758	0.9760	0.8736	0.9297	0.9515	0.9441
55.7	0.9818	0.9816	0.9812	0.9818	0.8435	0.9376	0.9511	0.9461
55.8	0.9841	0.9847	0.9839	0.9837	0.8795	0.9509	0.9470	0.9571
55.9	0.9822	0.9842	0.9827	0.9824	0.8935	0.9448	0.9513	0.9572
56.0	0.9766	0.9808	0.9779	0.9769	0.9021	0.9512	0.9542	0.9604
56.1	0.9788	0.9824	0.9801	0.9791	0.9101	0.9601	0.9617	0.9714
56.2	0.9850	0.9875	0.9859	0.9856	0.9229	0.9572	0.9683	0.9713
56.3	0.9863	0.9886	0.9865	0.9865	0.9254	0.9751	0.9640	0.9698
56.4	0.9875	0.9883	0.9882	0.9877	0.9207	0.9738	0.9579	0.9660
56.5	0.9912	0.9915	0.9916	0.9912	0.9429	0.9723	0.9639	0.9739
56.6	0.9885	0.9892	0.9887	0.9888	0.9319	0.9725	0.9570	0.9702
56.7	0.9872	0.9870	0.9874	0.9867	0.9261	0.9590	0.9383	0.9521
56.8	0.9827	0.9844	0.9827	0.9832	0.9148	0.9571	0.9349	0.9471
56.9	0.9892	0.9912	0.9884	0.9907	0.9290	0.9695	0.9548	0.9680
57.0	0.9875	0.9897	0.9872	0.9891	0.9419	0.9727	0.9560	0.9729
57.1	0.9832	0.9862	0.9837	0.9832	0.9199	0.9693	0.9551	0.9663
57.2	0.9767	0.9794	0.9760	0.9762	0.9229	0.9690	0.9639	0.9665
57.3	0.9723	0.9788	0.9730	0.9752	0.9023	0.9656	0.9395	0.9490
57.4	0.9788	0.9855	0.9811	0.9815	0.9363	0.9736	0.9467	0.9629
57.5	0.9856	0.9881	0.9864	0.9861	0.9663	0.9834	0.9565	0.9777
57.6	0.9892	0.9903	0.9897	0.9897	0.9691	0.9819	0.9530	0.9795
57.7	0.9893	0.9908	0.9893	0.9909	0.9519	0.9724	0.9497	0.9745
57.8	0.9898	0.9905	0.9894	0.9898	0.9494	0.9698	0.9467	0.9702
57.9	0.9906	0.9917	0.9911	0.9910	0.9606	0.9766	0.9555	0.9744
58.0	0.9872	0.9891	0.9883	0.9886	0.9527	0.9738	0.9435	0.9693
58.1	0.9863	0.9880	0.9865	0.9874	0.9441	0.9740	0.9441	0.9644
58.2	0.9837	0.9858	0.9835	0.9842	0.9489	0.9713	0.9486	0.9704
58.3	0.9862	0.9871	0.9847	0.9861	0.9644	0.9737	0.9482	0.9733
58.4	0.9873	0.9886	0.9868	0.9875	0.9627	0.9752	0.9500	0.9672
58.5	0.9851	0.9870	0.9857	0.9853	0.9575	0.9747	0.9408	0.9657
58.6	0.9833	0.9843	0.9840	0.9826	0.9502	0.9766	0.9315	0.9618
58.7	0.9826	0.9836	0.9827	0.9825	0.9466	0.9736	0.9247	0.9571
58.8	0.9864	0.9879	0.9864	0.9875	0.9646	0.9810	0.9409	0.9685
58.9	0.9863	0.9884	0.9873	0.9881	0.9660	0.9851	0.9450	0.9734
59.0	0.9872	0.9903	0.9887	0.9891	0.9669	0.9858	0.9514	0.9748
59.1	0.9875	0.9903	0.9892	0.9887	0.9647	0.9829	0.9597	0.9738
59.2	0.9881	0.9894	0.9892	0.9886	0.9736	0.9841	0.9567	0.9729
59.3	0.9870	0.9909	0.9886	0.9885	0.9784	0.9879	0.9598	0.9811
59.4	0.9843	0.9878	0.9856	0.9867	0.9647	0.9849	0.9537	0.9746
59.5	0.9820	0.9857	0.9835	0.9849	0.9527	0.9796	0.9358	0.9604

59.6	0.9799	0.9840	0.9817	0.9825	0.9529	0.9857	0.9318	0.9629
59.7	0.9804	0.9831	0.9821	0.9827	0.9586	0.9863	0.9288	0.9631
59.8	0.9793	0.9813	0.9804	0.9799	0.9605	0.9828	0.9191	0.9608
59.9	0.9673	0.9642	0.9474	0.9355	0.6732	0.5707	0.9245	0.8496
60.0	0.9464	0.9314	0.8879	0.8594	0.3635	0.3332	0.9235	0.6677
60.1	0.9806	0.9772	0.9678	0.9604	0.6878	0.6701	0.9529	0.8858
60.2	0.9898	0.9924	0.9912	0.9912	0.9732	0.9908	0.9682	0.9835
60.3	0.9875	0.9891	0.9886	0.9886	0.9685	0.9866	0.9584	0.9772
60.4	0.9823	0.9841	0.9838	0.9829	0.9721	0.9881	0.9477	0.9719
60.5	0.9860	0.9878	0.9878	0.9873	0.9712	0.9890	0.9523	0.9811
60.6	0.9862	0.9881	0.9885	0.9877	0.9653	0.9856	0.9477	0.9763
60.7	0.9856	0.9887	0.9875	0.9867	0.9743	0.9901	0.9538	0.9816
60.8	0.9883	0.9905	0.9896	0.9887	0.9774	0.9880	0.9635	0.9844
60.9	0.9856	0.9877	0.9880	0.9866	0.9669	0.9816	0.9547	0.9768
61.0	0.9862	0.9872	0.9877	0.9859	0.9641	0.9805	0.9563	0.9758
61.1	0.9834	0.9849	0.9846	0.9836	0.9674	0.9847	0.9561	0.9718
61.2	0.9835	0.9854	0.9851	0.9838	0.9698	0.9887	0.9479	0.9750
61.3	0.9843	0.9847	0.9853	0.9841	0.9687	0.9870	0.9481	0.9717
61.4	0.9864	0.9875	0.9874	0.9869	0.9742	0.9867	0.9587	0.9752
61.5	0.9856	0.9876	0.9872	0.9867	0.9755	0.9885	0.9642	0.9769
61.6	0.9860	0.9873	0.9873	0.9876	0.9836	0.9904	0.9621	0.9764
61.7	0.9831	0.9849	0.9836	0.9848	0.9770	0.9890	0.9489	0.9781
61.8	0.9829	0.9849	0.9831	0.9847	0.9709	0.9894	0.9551	0.9783
61.9	0.9816	0.9832	0.9826	0.9829	0.9669	0.9869	0.9542	0.9739
62.0	0.9837	0.9844	0.9835	0.9838	0.9769	0.9877	0.9587	0.9758
62.1	0.9846	0.9870	0.9849	0.9857	0.9761	0.9884	0.9626	0.9796
62.2	0.9812	0.9850	0.9835	0.9835	0.9744	0.9883	0.9527	0.9777
62.3	0.9859	0.9868	0.9869	0.9865	0.9774	0.9879	0.9596	0.9781
62.4	0.9822	0.9827	0.9828	0.9828	0.9682	0.9825	0.9473	0.9754
62.5	0.9809	0.9819	0.9831	0.9820	0.9653	0.9872	0.9498	0.9748
62.6	0.9827	0.9846	0.9843	0.9844	0.9690	0.9877	0.9627	0.9789
62.7	0.9817	0.9845	0.9830	0.9836	0.9660	0.9861	0.9562	0.9758
62.8	0.9841	0.9859	0.9848	0.9849	0.9676	0.9871	0.9574	0.9759
62.9	0.9873	0.9864	0.9876	0.9866	0.9718	0.9889	0.9683	0.9802
63.0	0.9818	0.9812	0.9828	0.9815	0.9632	0.9872	0.9588	0.9739
63.1	0.9805	0.9792	0.9807	0.9805	0.9646	0.9883	0.9513	0.9763
63.2	0.9788	0.9773	0.9786	0.9785	0.9557	0.9838	0.9481	0.9748
63.3	0.9842	0.9852	0.9848	0.9849	0.9719	0.9875	0.9620	0.9799
63.4	0.9802	0.9832	0.9814	0.9818	0.9696	0.9872	0.9604	0.9794
63.5	0.9888	0.9883	0.9884	0.9883	0.9729	0.9896	0.9698	0.9858
63.6	0.9833	0.9838	0.9836	0.9833	0.9723	0.9917	0.9611	0.9806
63.7	0.9811	0.9852	0.9839	0.9836	0.9718	0.9876	0.9675	0.9796
63.8	0.9854	0.9879	0.9867	0.9868	0.9703	0.9881	0.9703	0.9828
63.9	0.9835	0.9824	0.9827	0.9824	0.9570	0.9863	0.9615	0.9801
64.0	0.9860	0.9847	0.9856	0.9852	0.9580	0.9855	0.9643	0.9836
64.1	0.9809	0.9812	0.9818	0.9812	0.9519	0.9803	0.9522	0.9735
64.2	0.9752	0.9782	0.9768	0.9759	0.9464	0.9756	0.9417	0.9632
64.3	0.9807	0.9821	0.9808	0.9819	0.9545	0.9757	0.9654	0.9705
64.4	0.9847	0.9836	0.9846	0.9847	0.9558	0.9797	0.9658	0.9762
64.5	0.9865	0.9849	0.9852	0.9859	0.9640	0.9811	0.9681	0.9780
64.6	0.9825	0.9819	0.9813	0.9823	0.9650	0.9759	0.9688	0.9729
64.7	0.9791	0.9792	0.9791	0.9787	0.9544	0.9742	0.9559	0.9717
64.8	0.9828	0.9851	0.9844	0.9834	0.9531	0.9810	0.9635	0.9819
64.9	0.9819	0.9844	0.9829	0.9834	0.9496	0.9778	0.9641	0.9801
65.0	0.9778	0.9763	0.9783	0.9775	0.9222	0.9705	0.9547	0.9708
65.1	0.9806	0.9807	0.9812	0.9805	0.9398	0.9798	0.9573	0.9794
65.2	0.9870	0.9881	0.9875	0.9878	0.9600	0.9814	0.9753	0.9848
65.3	0.9847	0.9850	0.9846	0.9856	0.9560	0.9772	0.9697	0.9804
65.4	0.9807	0.9792	0.9810	0.9802	0.9415	0.9782	0.9590	0.9773
65.5	0.9835	0.9819	0.9835	0.9824	0.9275	0.9787	0.9613	0.9817
65.6	0.9847	0.9856	0.9843	0.9848	0.9382	0.9789	0.9726	0.9868
65.7	0.9830	0.9831	0.9830	0.9837	0.9465	0.9764	0.9677	0.9805
65.8	0.9827	0.9810	0.9818	0.9822	0.9416	0.9718	0.9675	0.9771
65.9	0.9854	0.9866	0.9859	0.9859	0.9431	0.9730	0.9768	0.9807
66.0	0.9822	0.9827	0.9831	0.9832	0.9437	0.9773	0.9711	0.9825
66.1	0.9848	0.9845	0.9847	0.9847	0.9448	0.9811	0.9712	0.9857
66.2	0.9865	0.9850	0.9862	0.9865	0.9363	0.9756	0.9751	0.9834
66.3	0.9862	0.9846	0.9851	0.9850	0.9333	0.9760	0.9744	0.9841
66.4	0.9881	0.9887	0.9885	0.9878	0.9491	0.9809	0.9778	0.9879
66.5	0.9872	0.9892	0.9883	0.9886	0.9472	0.9794	0.9777	0.9882
66.6	0.9868	0.9873	0.9876	0.9873	0.9418	0.9807	0.9737	0.9879
66.7	0.9806	0.9804	0.9803	0.9810	0.9203	0.9705	0.9671	0.9816
66.8	0.9835	0.9821	0.9825	0.9834	0.9234	0.9732	0.9636	0.9842
66.9	0.9848	0.9854	0.9854	0.9855	0.9238	0.9780	0.9654	0.9894
67.0	0.9857	0.9845	0.9848	0.9850	0.9166	0.9741	0.9625	0.9857
67.1	0.9856	0.9861	0.9851	0.9852	0.9222	0.9822	0.9731	0.9900
67.2	0.9875	0.9881	0.9875	0.9882	0.9364	0.9771	0.9757	0.9871
67.3	0.9840	0.9844	0.9847	0.9850	0.9161	0.9634	0.9686	0.9800
67.4	0.9846	0.9842	0.9842	0.9852	0.9103	0.9708	0.9705	0.9830
67.5	0.9913	0.9904	0.9907	0.9917	0.9387	0.9821	0.9810	0.9903
67.6	0.9894	0.9890	0.9890	0.9897	0.9176	0.9787	0.9733	0.9885
67.7	0.9878	0.9886	0.9876	0.9872	0.9198	0.9777	0.9674	0.9904
67.8	0.9873	0.9881	0.9876	0.9871	0.9231	0.9790	0.9658	0.9913
67.9	0.9812	0.9818	0.9812	0.9814	0.9076	0.9757	0.9460	0.9898
68.0	0.9795	0.9776	0.9780	0.9786	0.9147	0.9743	0.9271	0.9838
68.1	0.9860	0.9841	0.9845	0.9842	0.9320	0.9825	0.9443	0.9861

68.2	0.9913	0.9896	0.9903	0.9906	0.9294	0.9843	0.9518	0.9903
68.3	0.9887	0.9865	0.9879	0.9876	0.9312	0.9806	0.9480	0.9886
68.4	0.9854	0.9853	0.9856	0.9849	0.9127	0.9788	0.9414	0.9868
68.5	0.9897	0.9903	0.9899	0.9909	0.9360	0.9818	0.9445	0.9908
68.6	0.9905	0.9909	0.9906	0.9910	0.9492	0.9854	0.9363	0.9929
68.7	0.9864	0.9873	0.9862	0.9874	0.9370	0.9807	0.9261	0.9916
68.8	0.9848	0.9857	0.9856	0.9860	0.9097	0.9801	0.9293	0.9896
68.9	0.9902	0.9906	0.9896	0.9910	0.9282	0.9823	0.9243	0.9903
69.0	0.9897	0.9905	0.9892	0.9902	0.9334	0.9807	0.8978	0.9894
69.1	0.9861	0.9853	0.9845	0.9848	0.9330	0.9778	0.8938	0.9881
69.2	0.9877	0.9864	0.9863	0.9871	0.9470	0.9770	0.8811	0.9880
69.3	0.9883	0.9885	0.9876	0.9889	0.9323	0.9779	0.8104	0.9885
69.4	0.9888	0.9892	0.9885	0.9899	0.9430	0.9842	0.8364	0.9891
69.5	0.9895	0.9901	0.9892	0.9891	0.9432	0.9834	0.8593	0.9902
69.6	0.9932	0.9927	0.9938	0.9936	0.9425	0.9868	0.8750	0.9909
69.7	0.9906	0.9895	0.9906	0.9910	0.9259	0.9867	0.8522	0.9874
69.8	0.9885	0.9895	0.9891	0.9895	0.9315	0.9822	0.8727	0.9893
69.9	0.9910	0.9917	0.9913	0.9913	0.9451	0.9859	0.8428	0.9917
70.0	0.9904	0.9905	0.9899	0.9901	0.9371	0.9839	0.7982	0.9892
70.1	0.9906	0.9901	0.9901	0.9909	0.9452	0.9838	0.8061	0.9872
70.2	0.9867	0.9885	0.9866	0.9899	0.9188	0.9805	0.7370	0.9841
70.3	0.9882	0.9906	0.9885	0.9898	0.9295	0.9813	0.7767	0.9888
70.4	0.9916	0.9904	0.9905	0.9914	0.9400	0.9796	0.7785	0.9852
70.5	0.9876	0.9877	0.9868	0.9881	0.9177	0.9730	0.7518	0.9833
70.6	0.9897	0.9897	0.9896	0.9917	0.9264	0.9743	0.7082	0.9802
70.7	0.9869	0.9858	0.9849	0.9868	0.9210	0.9775	0.6171	0.9768
70.8	0.9878	0.9873	0.9877	0.9892	0.9384	0.9834	0.6483	0.9813
70.9	0.9905	0.9891	0.9900	0.9904	0.9451	0.9827	0.6641	0.9794
71.0	0.9891	0.9869	0.9886	0.9876	0.9190	0.9775	0.6510	0.9730
71.1	0.9887	0.9881	0.9899	0.9879	0.9371	0.9813	0.6019	0.9794
71.2	0.9875	0.9899	0.9893	0.9899	0.9289	0.9839	0.5961	0.9718
71.3	0.9884	0.9844	0.9834	0.9859	0.9141	0.9799	0.5890	0.9657
71.4	0.9903	0.9843	0.9847	0.9849	0.8799	0.9768	0.4912	0.9629
71.5	0.9895	0.9836	0.9844	0.9843	0.9019	0.9795	0.4201	0.9671
71.6	0.9865	0.9838	0.9848	0.9851	0.9070	0.9800	0.4740	0.9605
71.7	0.9883	0.9823	0.9843	0.9841	0.9258	0.9814	0.5247	0.9534
71.8	0.9876	0.9821	0.9824	0.9839	0.9116	0.9813	0.5152	0.9439
71.9	0.9893	0.9811	0.9837	0.9856	0.9179	0.9799	0.5968	0.9564
72.0	0.9911	0.9865	0.9887	0.9890	0.9537	0.9885	0.6806	0.9681
72.1	0.9863	0.9780	0.9818	0.9799	0.9427	0.9849	0.5177	0.9441
72.2	0.9816	0.9734	0.9786	0.9764	0.9076	0.9746	0.4159	0.9242
72.3	0.9852	0.9830	0.9854	0.9854	0.9104	0.9792	0.5089	0.9299
72.4	0.9908	0.9850	0.9897	0.9913	0.9275	0.9842	0.6273	0.9598
72.5	0.9873	0.9826	0.9877	0.9883	0.9358	0.9813	0.6473	0.9371
72.6	0.9760	0.9697	0.9724	0.9739	0.8904	0.9669	0.4169	0.8565
72.7	0.9818	0.9683	0.9762	0.9773	0.9019	0.9667	0.5209	0.8515
72.8	0.9843	0.9718	0.9796	0.9821	0.9009	0.9748	0.4888	0.8704
72.9	0.9793	0.9712	0.9739	0.9748	0.9061	0.9809	0.4820	0.8831
73.0	0.9783	0.9639	0.9726	0.9747	0.9233	0.9791	0.5147	0.8728
73.1	0.9841	0.9754	0.9780	0.9805	0.9107	0.9761	0.6030	0.8775
73.2	0.9852	0.9766	0.9776	0.9758	0.9052	0.9734	0.6212	0.8732
73.3	0.9769	0.9572	0.9722	0.9663	0.9080	0.9674	0.6437	0.7862
73.4	0.9720	0.9379	0.9645	0.9588	0.8626	0.9613	0.5232	0.7754
73.5	0.9806	0.9552	0.9699	0.9655	0.9198	0.9737	0.6025	0.8214
73.6	0.9841	0.9652	0.9745	0.9728	0.9354	0.9797	0.7401	0.8498
73.7	0.9822	0.9608	0.9705	0.9710	0.9105	0.9760	0.6755	0.8380
73.8	0.9827	0.9608	0.9724	0.9713	0.8942	0.9742	0.7000	0.8295
73.9	0.9784	0.9518	0.9678	0.9625	0.8972	0.9695	0.7319	0.8192
74.0	0.9791	0.9525	0.9709	0.9698	0.9221	0.9737	0.7840	0.7863
74.1	0.9755	0.9525	0.9711	0.9694	0.9106	0.9777	0.7640	0.7898
74.2	0.9741	0.9593	0.9693	0.9662	0.9097	0.9790	0.8045	0.8050
74.3	0.9738	0.9613	0.9694	0.9662	0.9227	0.9801	0.8052	0.8122
74.4	0.9684	0.9571	0.9613	0.9634	0.9252	0.9802	0.7959	0.7810
74.5	0.9647	0.9336	0.9531	0.9493	0.9173	0.9815	0.7694	0.8036
74.6	0.9675	0.9306	0.9527	0.9510	0.9111	0.9726	0.8035	0.7842
74.7	0.9705	0.9316	0.9632	0.9568	0.8937	0.9692	0.8064	0.7108
74.8	0.9565	0.9401	0.9531	0.9496	0.8921	0.9669	0.8011	0.7348
74.9	0.9531	0.9325	0.9472	0.9361	0.8995	0.9661	0.8016	0.7372
75.0	0.9584	0.9436	0.9557	0.9492	0.8943	0.9736	0.8325	0.7896
75.1	0.9625	0.9490	0.9503	0.9552	0.8860	0.9723	0.8435	0.7371
75.2	0.9321	0.9109	0.9215	0.9265	0.8603	0.9639	0.8087	0.7046
75.3	0.9039	0.9018	0.9006	0.8977	0.8435	0.9550	0.7662	0.7470
75.4	0.9237	0.9117	0.9184	0.9060	0.8543	0.9625	0.8001	0.7903
75.5	0.9166	0.9302	0.9177	0.9105	0.8667	0.9675	0.8278	0.8332
75.6	0.9346	0.9489	0.9371	0.9410	0.9093	0.9742	0.8752	0.8481
75.7	0.9371	0.9354	0.9426	0.9377	0.8945	0.9714	0.8735	0.8486
75.8	0.9145	0.9258	0.9303	0.9165	0.8899	0.9653	0.8404	0.7882
75.9	0.8937	0.9043	0.9064	0.8939	0.8888	0.9567	0.8156	0.7978
76.0	0.9023	0.9119	0.8908	0.8889	0.8792	0.9645	0.8468	0.8369
76.1	0.8942	0.9252	0.8921	0.8929	0.8887	0.9628	0.8604	0.8350
76.2	0.9221	0.9425	0.9268	0.9288	0.9263	0.9674	0.8890	0.8446
76.3	0.9160	0.9393	0.9269	0.9338	0.9065	0.9687	0.8963	0.8420
76.4	0.9084	0.9302	0.9153	0.9223	0.8917	0.9688	0.8825	0.8452
76.5	0.8663	0.9048	0.8705	0.8889	0.8369	0.9555	0.8078	0.8266
76.6	0.8704	0.9143	0.8784	0.8946	0.8098	0.9527	0.8197	0.8377
76.7	0.8838	0.9156	0.8832	0.9053	0.8210	0.9592	0.8699	0.8736

76.8	0.8658	0.9029	0.8457	0.8739	0.8446	0.9594	0.8609	0.8805
76.9	0.8834	0.9254	0.8619	0.8870	0.8810	0.9708	0.9034	0.9035
77.0	0.8930	0.9272	0.8908	0.9117	0.8839	0.9708	0.9150	0.9020
77.1	0.8659	0.9170	0.8610	0.8818	0.8721	0.9685	0.8848	0.8917
77.2	0.8010	0.8859	0.7834	0.8217	0.8109	0.9636	0.8365	0.8995
77.3	0.8260	0.8839	0.8095	0.8394	0.7845	0.9546	0.8479	0.8789
77.4	0.8875	0.9186	0.8768	0.9052	0.8733	0.9660	0.9182	0.8947
77.5	0.8919	0.9238	0.8658	0.9034	0.8791	0.9644	0.9229	0.8989
77.6	0.8586	0.8937	0.8277	0.8457	0.8164	0.9451	0.8861	0.8829
77.7	0.8600	0.9041	0.8319	0.8582	0.7817	0.9478	0.8777	0.8685
77.8	0.9013	0.9267	0.8824	0.8953	0.8394	0.9574	0.9063	0.8979
77.9	0.9013	0.9101	0.8825	0.8872	0.8688	0.9466	0.9153	0.9053
78.0	0.8355	0.8650	0.8051	0.8391	0.7952	0.9283	0.8730	0.8686
78.1	0.8425	0.8444	0.8075	0.8483	0.7158	0.9330	0.8698	0.8636
78.2	0.8570	0.8339	0.8088	0.8396	0.7385	0.9327	0.8657	0.8724
78.3	0.9153	0.8938	0.8828	0.9056	0.8237	0.9504	0.9132	0.9333
78.4	0.9223	0.9031	0.9042	0.9181	0.8264	0.9478	0.9033	0.9369
78.5	0.9274	0.9143	0.9162	0.9151	0.8254	0.9572	0.9217	0.9396
78.6	0.8996	0.8855	0.8786	0.8851	0.7759	0.9400	0.9151	0.9191
78.7	0.9176	0.8986	0.8935	0.9044	0.7766	0.9419	0.8952	0.9363
78.8	0.9281	0.9134	0.9150	0.9217	0.7689	0.9279	0.8995	0.9192
78.9	0.9338	0.9051	0.9162	0.9284	0.7200	0.9247	0.8592	0.9147
79.0	0.9523	0.9229	0.9356	0.9385	0.7686	0.9489	0.8724	0.9486
79.1	0.9584	0.9409	0.9509	0.9522	0.8333	0.9493	0.9194	0.9579
79.2	0.9243	0.9077	0.9094	0.9181	0.8061	0.9174	0.9027	0.9316
79.3	0.9247	0.8977	0.9135	0.9186	0.7540	0.9043	0.8958	0.9290
79.4	0.9575	0.9441	0.9499	0.9543	0.8174	0.9173	0.9401	0.9516
79.5	0.9563	0.9497	0.9455	0.9513	0.8249	0.9125	0.9456	0.9500
79.6	0.9410	0.9202	0.9271	0.9305	0.7760	0.8778	0.9118	0.9449
79.7	0.9511	0.9355	0.9414	0.9417	0.7812	0.8951	0.9245	0.9442
79.8	0.9504	0.9429	0.9434	0.9471	0.7914	0.8833	0.9330	0.9364
79.9	0.9523	0.9274	0.9433	0.9468	0.7558	0.8289	0.9053	0.9523
80.0	0.9442	0.9262	0.9302	0.9374	0.7170	0.7965	0.8965	0.9472

1.2.33 Run 10 – IP270NVP – NF and AF gauges

In-plane shaking at 270° with no vertical shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.9984	0.9855	0.9989	0.9998	0.5455	0.9937	0.9921	0.7620
0.1	0.9836	0.9207	0.9899	0.9983	0.1676	0.9514	0.9445	0.2445
0.2	0.0050	0.0219	0.3421	0.1150	0.0341	0.0011	0.0057	0.0611
0.3	0.3045	0.2287	0.8641	0.7133	0.0843	0.1042	0.3131	0.0062
0.4	0.3921	0.4928	0.9782	0.9526	0.3125	0.3492	0.7236	0.1367
0.5	0.7647	0.7262	0.9944	0.9880	0.7583	0.6500	0.8808	0.2119
0.6	0.7885	0.7896	0.9965	0.9955	0.7994	0.7261	0.8168	0.3345
0.7	0.1929	0.3021	0.9959	0.9959	0.2375	0.2266	0.2117	0.0467
0.8	0.0259	0.3697	0.9935	0.9968	0.1308	0.1411	0.0270	0.3307
0.9	0.3513	0.6092	0.9902	0.9951	0.3961	0.2098	0.2607	0.5400
1.0	0.7419	0.6349	0.9970	0.9978	0.7246	0.4806	0.6280	0.5589
1.1	0.8705	0.8259	0.9997	0.9996	0.8808	0.7765	0.8628	0.6873
1.2	0.9171	0.8972	0.9998	0.9998	0.9198	0.8163	0.8928	0.8219
1.3	0.9319	0.9482	0.9998	0.9998	0.9476	0.8674	0.9335	0.8708
1.4	0.9603	0.9600	0.9998	0.9998	0.9723	0.9186	0.9654	0.9303
1.5	0.9809	0.9815	0.9997	0.9997	0.9901	0.9558	0.9807	0.9665
1.6	0.9857	0.9892	0.9997	0.9997	0.9930	0.9788	0.9842	0.9771
1.7	0.9758	0.9856	0.9992	0.9992	0.9892	0.9619	0.9669	0.9709
1.8	0.9631	0.9709	0.9968	0.9972	0.9782	0.9248	0.9173	0.9332
1.9	0.9258	0.9459	0.9925	0.9938	0.9604	0.8261	0.8670	0.8390
2.0	0.9425	0.9449	0.9885	0.9902	0.9473	0.8670	0.9164	0.8053
2.1	0.9679	0.9636	0.9950	0.9959	0.9456	0.9055	0.9386	0.9056
2.2	0.9629	0.9542	0.9975	0.9979	0.8492	0.8384	0.8874	0.8065
2.3	0.7656	0.7901	0.9988	0.9990	0.4854	0.4670	0.5206	0.4579
2.4	0.5238	0.5661	0.9993	0.9994	0.3554	0.3375	0.3454	0.3571
2.5	0.4768	0.5151	0.9995	0.9996	0.3390	0.3511	0.2877	0.3869
2.6	0.9661	0.9703	0.9998	0.9998	0.6607	0.6794	0.5493	0.7528
2.7	0.9901	0.9895	0.9998	0.9999	0.6585	0.6598	0.7424	0.6956
2.8	0.9917	0.9933	0.9999	0.9999	0.8410	0.6881	0.9419	0.7800
2.9	0.9939	0.9940	0.9999	0.9999	0.9425	0.8417	0.9791	0.7858
3.0	0.9949	0.9960	0.9999	0.9999	0.9713	0.9282	0.9904	0.8774
3.1	0.9960	0.9965	0.9999	0.9999	0.9791	0.9486	0.9922	0.9155
3.2	0.9969	0.9974	1.0000	1.0000	0.9893	0.9763	0.9961	0.9374
3.3	0.9968	0.9977	1.0000	1.0000	0.9919	0.9728	0.9952	0.9329
3.4	0.9979	0.9984	1.0000	1.0000	0.9946	0.9836	0.9978	0.9611
3.5	0.9976	0.9980	1.0000	1.0000	0.9925	0.9839	0.9973	0.9525
3.6	0.9982	0.9979	1.0000	1.0000	0.9954	0.9905	0.9980	0.9686
3.7	0.9983	0.9984	1.0000	1.0000	0.9964	0.9890	0.9984	0.9791
3.8	0.9971	0.9979	1.0000	1.0000	0.9939	0.9810	0.9971	0.9660
3.9	0.9971	0.9973	1.0000	1.0000	0.9949	0.9867	0.9979	0.9674
4.0	0.9966	0.9966	1.0000	1.0000	0.9946	0.9849	0.9981	0.9605
4.1	0.9962	0.9974	1.0000	1.0000	0.9957	0.9875	0.9979	0.9674
4.2	0.9965	0.9977	1.0000	1.0000	0.9962	0.9905	0.9985	0.9673
4.3	0.9971	0.9973	1.0000	1.0000	0.9967	0.9895	0.9981	0.9679
4.4	0.9965	0.9974	1.0000	1.0000	0.9953	0.9870	0.9965	0.9684
4.5	0.9963	0.9976	1.0000	1.0000	0.9964	0.9895	0.9968	0.9722
4.6	0.9966	0.9973	1.0000	1.0000	0.9969	0.9913	0.9980	0.9730
4.7	0.9962	0.9965	1.0000	1.0000	0.9949	0.9841	0.9974	0.9671
4.8	0.9971	0.9972	1.0000	1.0000	0.9951	0.9883	0.9977	0.9719
4.9	0.9969	0.9972	1.0000	1.0000	0.9960	0.9895	0.9977	0.9707
5.0	0.9958	0.9962	1.0000	1.0000	0.9946	0.9841	0.9971	0.9618
5.1	0.9963	0.9957	1.0000	1.0000	0.9926	0.9825	0.9965	0.9618
5.2	0.9948	0.9959	1.0000	1.0000	0.9927	0.9874	0.9953	0.9659
5.3	0.9931	0.9948	1.0000	1.0000	0.9932	0.9839	0.9948	0.9529
5.4	0.9932	0.9947	1.0000	1.0000	0.9875	0.9743	0.9913	0.9553
5.5	0.9936	0.9947	1.0000	1.0000	0.9806	0.9627	0.9852	0.9465
5.6	0.9921	0.9951	1.0000	1.0000	0.9815	0.9555	0.9847	0.9423
5.7	0.9913	0.9937	1.0000	1.0000	0.9820	0.9651	0.9867	0.9495
5.8	0.9876	0.9937	1.0000	1.0000	0.9785	0.9616	0.9852	0.9446
5.9	0.9868	0.9940	1.0000	1.0000	0.9761	0.9563	0.9819	0.9369
6.0	0.9865	0.9933	1.0000	1.0000	0.9737	0.9471	0.9782	0.9365
6.1	0.9910	0.9950	1.0000	1.0000	0.9812	0.9659	0.9859	0.9500
6.2	0.9927	0.9950	1.0000	1.0000	0.9899	0.9810	0.9922	0.9511
6.3	0.9922	0.9931	1.0000	1.0000	0.9914	0.9809	0.9936	0.9607
6.4	0.9909	0.9938	1.0000	1.0000	0.9912	0.9810	0.9954	0.9612
6.5	0.9886	0.9942	1.0000	1.0000	0.9882	0.9748	0.9935	0.9629
6.6	0.9901	0.9942	1.0000	1.0000	0.9895	0.9807	0.9934	0.9667
6.7	0.9913	0.9956	1.0000	1.0000	0.9926	0.9846	0.9948	0.9710
6.8	0.9892	0.9953	1.0000	1.0000	0.9913	0.9815	0.9936	0.9677
6.9	0.9830	0.9948	1.0000	0.9999	0.9876	0.9722	0.9900	0.9637
7.0	0.9664	0.9918	0.9999	0.9999	0.9749	0.9477	0.9818	0.9380
7.1	0.9550	0.9919	0.9999	0.9999	0.9575	0.9275	0.9721	0.9257
7.2	0.9137	0.9936	0.9999	0.9998	0.9179	0.8656	0.9462	0.8786
7.3	0.8668	0.9921	0.9999	0.9998	0.8745	0.7913	0.9197	0.8199
7.4	0.8919	0.9901	0.9999	0.9999	0.9096	0.8198	0.9464	0.8246
7.5	0.9314	0.9909	1.0000	0.9999	0.9431	0.8860	0.9657	0.8393
7.6	0.9611	0.9929	1.0000	1.0000	0.9688	0.9174	0.9805	0.8753
7.7	0.9656	0.9928	1.0000	1.0000	0.9687	0.9276	0.9813	0.8775
7.8	0.9742	0.9928	1.0000	1.0000	0.9744	0.9465	0.9861	0.9088
7.9	0.9732	0.9909	1.0000	1.0000	0.9677	0.9411	0.9825	0.8914

8.0	0.9841	0.9879	1.0000	1.0000	0.9747	0.9338	0.9825	0.8978
8.1	0.9839	0.9919	1.0000	1.0000	0.9795	0.9426	0.9859	0.9259
8.2	0.9851	0.9890	1.0000	1.0000	0.9755	0.9367	0.9835	0.9101
8.3	0.9797	0.9832	1.0000	1.0000	0.9661	0.9028	0.9755	0.8721
8.4	0.9839	0.9888	1.0000	1.0000	0.9782	0.9337	0.9853	0.9036
8.5	0.9780	0.9873	1.0000	1.0000	0.9701	0.9177	0.9810	0.8977
8.6	0.9787	0.9868	1.0000	1.0000	0.9640	0.9072	0.9782	0.8804
8.7	0.9864	0.9880	1.0000	1.0000	0.9775	0.9436	0.9860	0.9301
8.8	0.9849	0.9794	1.0000	1.0000	0.9620	0.9113	0.9802	0.9032
8.9	0.9784	0.9820	1.0000	1.0000	0.9633	0.9091	0.9783	0.8991
9.0	0.9829	0.9832	1.0000	1.0000	0.9710	0.9177	0.9787	0.9066
9.1	0.9724	0.9789	0.9999	0.9999	0.9494	0.8936	0.9676	0.8590
9.2	0.9674	0.9729	1.0000	1.0000	0.9436	0.8954	0.9628	0.8514
9.3	0.9674	0.9597	1.0000	1.0000	0.9237	0.8677	0.9523	0.8534
9.4	0.9711	0.9608	1.0000	0.9999	0.9403	0.8694	0.9569	0.8839
9.5	0.9589	0.9382	0.9999	1.0000	0.8958	0.7853	0.9256	0.8051
9.6	0.9590	0.9391	1.0000	0.9999	0.8840	0.7481	0.9303	0.7783
9.7	0.9606	0.9391	1.0000	0.9999	0.8680	0.5751	0.9291	0.5842
9.8	0.9689	0.9604	1.0000	1.0000	0.9196	0.5736	0.9537	0.5661
9.9	0.9685	0.9604	1.0000	1.0000	0.9294	0.5448	0.9598	0.4352
10.0	0.9589	0.9560	1.0000	0.9999	0.9407	0.6242	0.9636	0.3692
10.1	0.9665	0.9710	1.0000	1.0000	0.9562	0.7016	0.9722	0.5756
10.2	0.9790	0.9785	1.0000	1.0000	0.9616	0.7996	0.9776	0.7083
10.3	0.9766	0.9793	1.0000	1.0000	0.9678	0.8149	0.9790	0.7145
10.4	0.9599	0.9787	0.9999	0.9999	0.9676	0.6880	0.9657	0.6642
10.5	0.9650	0.9758	0.9999	0.9999	0.9491	0.6510	0.9501	0.7118
10.6	0.9568	0.9676	1.0000	0.9999	0.9401	0.5815	0.9433	0.4857
10.7	0.9620	0.9601	1.0000	0.9999	0.9514	0.6619	0.9461	0.3101
10.8	0.9667	0.9664	0.9999	0.9999	0.9510	0.7961	0.9540	0.2646
10.9	0.9505	0.9573	1.0000	0.9999	0.9376	0.8191	0.9365	0.2957
11.0	0.9476	0.9627	0.9999	0.9999	0.9583	0.8550	0.9405	0.1835
11.1	0.9557	0.9597	0.9999	0.9999	0.9625	0.8916	0.9387	0.0809
11.2	0.9570	0.9692	0.9999	0.9999	0.9534	0.9171	0.9515	0.0217
11.3	0.9724	0.9805	0.9999	0.9999	0.9791	0.9571	0.9752	0.1022
11.4	0.9766	0.9757	0.9999	0.9999	0.9835	0.9509	0.9783	0.3583
11.5	0.9884	0.9832	0.9999	0.9999	0.9825	0.9626	0.9873	0.6708
11.6	0.9837	0.9826	0.9999	0.9999	0.9802	0.9652	0.9819	0.7262
11.7	0.9872	0.9886	0.9999	1.0000	0.9877	0.9750	0.9860	0.8447
11.8	0.9890	0.9912	0.9999	1.0000	0.9908	0.9783	0.9918	0.8952
11.9	0.9906	0.9934	0.9999	0.9999	0.9927	0.9837	0.9934	0.9181
12.0	0.9921	0.9940	1.0000	1.0000	0.9936	0.9819	0.9962	0.9425
12.1	0.9906	0.9918	0.9999	0.9999	0.9926	0.9813	0.9946	0.9254
12.2	0.9882	0.9903	0.9999	0.9999	0.9900	0.9802	0.9926	0.9082
12.3	0.9853	0.9894	0.9999	0.9999	0.9865	0.9733	0.9898	0.9125
12.4	0.9858	0.9883	0.9999	0.9999	0.9867	0.9696	0.9910	0.9174
12.5	0.9864	0.9905	0.9999	0.9999	0.9882	0.9754	0.9925	0.9358
12.6	0.9878	0.9886	0.9999	0.9999	0.9908	0.9797	0.9918	0.9554
12.7	0.9877	0.9844	0.9999	0.9999	0.9886	0.9731	0.9890	0.9582
12.8	0.9819	0.9841	0.9999	0.9999	0.9860	0.9641	0.9848	0.9514
12.9	0.9809	0.9868	0.9999	0.9999	0.9882	0.9723	0.9843	0.9752
13.0	0.9850	0.9850	1.0000	0.9999	0.9887	0.9717	0.9780	0.9722
13.1	0.9900	0.9851	1.0000	0.9999	0.9899	0.9771	0.9848	0.9833
13.2	0.9889	0.9868	0.9999	0.9999	0.9857	0.9814	0.9826	0.9843
13.3	0.9894	0.9886	1.0000	0.9999	0.9900	0.9825	0.9831	0.9843
13.4	0.9884	0.9895	0.9999	0.9999	0.9940	0.9782	0.9863	0.9787
13.5	0.9893	0.9917	0.9999	0.9999	0.9935	0.9762	0.9858	0.9755
13.6	0.9884	0.9890	0.9999	0.9999	0.9917	0.9804	0.9804	0.9763
13.7	0.9878	0.9902	0.9999	0.9999	0.9928	0.9842	0.9846	0.9830
13.8	0.9899	0.9925	0.9999	0.9999	0.9935	0.9883	0.9903	0.9839
13.9	0.9925	0.9923	0.9999	0.9999	0.9946	0.9880	0.9918	0.9845
14.0	0.9921	0.9916	0.9999	0.9999	0.9938	0.9889	0.9900	0.9843
14.1	0.9905	0.9930	0.9999	0.9999	0.9939	0.9845	0.9867	0.9784
14.2	0.9909	0.9927	0.9999	0.9999	0.9932	0.9827	0.9899	0.9761
14.3	0.9869	0.9918	0.9999	0.9999	0.9894	0.9759	0.9834	0.9720
14.4	0.9862	0.9901	0.9999	0.9998	0.9829	0.9647	0.9768	0.9694
14.5	0.9881	0.9913	0.9999	0.9998	0.9885	0.9631	0.9843	0.9594
14.6	0.9899	0.9892	0.9999	0.9998	0.9896	0.9688	0.9861	0.9468
14.7	0.9852	0.9823	0.9999	0.9998	0.9781	0.9378	0.9844	0.9414
14.8	0.9863	0.9783	0.9999	0.9998	0.9753	0.9247	0.9784	0.9173
14.9	0.9868	0.9698	0.9999	0.9998	0.9696	0.8630	0.9612	0.8054
15.0	0.9825	0.9618	0.9999	0.9997	0.9544	0.6353	0.9214	0.8034
15.1	0.9796	0.9439	0.9998	0.9997	0.9398	0.1675	0.8433	0.8184
15.2	0.9857	0.9498	0.9998	0.9998	0.9586	0.4029	0.8519	0.8297
15.3	0.9899	0.9640	0.9998	0.9998	0.9672	0.8141	0.9013	0.8844
15.4	0.9890	0.9726	0.9998	0.9998	0.9738	0.8706	0.9359	0.8934
15.5	0.9915	0.9838	0.9998	0.9998	0.9849	0.9369	0.9735	0.9324
15.6	0.9897	0.9839	0.9998	0.9998	0.9878	0.9298	0.9712	0.9230
15.7	0.9877	0.9844	0.9998	0.9997	0.9830	0.9281	0.9636	0.9082
15.8	0.9897	0.9879	0.9997	0.9997	0.9851	0.9311	0.9790	0.9060
15.9	0.9838	0.9828	0.9997	0.9997	0.9841	0.9168	0.9766	0.9149
16.0	0.9837	0.9798	0.9997	0.9997	0.9819	0.9229	0.9762	0.9135
16.1	0.9843	0.9836	0.9996	0.9996	0.9835	0.9414	0.9806	0.8793
16.2	0.9818	0.9808	0.9996	0.9997	0.9805	0.9264	0.9786	0.8599
16.3	0.9821	0.9810	0.9994	0.9994	0.9745	0.9203	0.9716	0.8606
16.4	0.9805	0.9841	0.9995	0.9996	0.9736	0.9349	0.9711	0.8630
16.5	0.9807	0.9802	0.9995	0.9996	0.9816	0.9364	0.9649	0.8832

16.6	0.9854	0.9799	0.9995	0.9995	0.9780	0.9383	0.9690	0.9207
16.7	0.9896	0.9867	0.9996	0.9997	0.9811	0.9466	0.9797	0.9212
16.8	0.9878	0.9825	0.9991	0.9993	0.9836	0.9406	0.9801	0.9154
16.9	0.9895	0.9788	0.9989	0.9991	0.9828	0.9129	0.9692	0.9123
17.0	0.9904	0.9817	0.9992	0.9993	0.9826	0.9346	0.9627	0.9246
17.1	0.9880	0.9713	0.9986	0.9988	0.9613	0.8932	0.9445	0.8682
17.2	0.9818	0.9766	0.9987	0.9990	0.9666	0.8844	0.9641	0.8746
17.3	0.9713	0.9616	0.9988	0.9989	0.9486	0.7282	0.9337	0.7189
17.4	0.9778	0.9715	0.9994	0.9995	0.9672	0.8232	0.9485	0.6749
17.5	0.9765	0.9765	0.9994	0.9994	0.9702	0.8951	0.9636	0.7750
17.6	0.9735	0.9777	0.9994	0.9993	0.9758	0.9024	0.9694	0.7872
17.7	0.9728	0.9746	0.9992	0.9992	0.9783	0.9058	0.9768	0.7538
17.8	0.9834	0.9776	0.9995	0.9994	0.9809	0.9143	0.9774	0.6877
17.9	0.9866	0.9774	0.9996	0.9995	0.9795	0.8764	0.9763	0.5603
18.0	0.9806	0.9638	0.9996	0.9996	0.9603	0.7586	0.9501	0.3294
18.1	0.9771	0.9122	0.9996	0.9995	0.9262	0.7839	0.9144	0.1998
18.2	0.9837	0.9307	0.9997	0.9997	0.9553	0.9156	0.9507	0.6401
18.3	0.9826	0.9546	0.9996	0.9995	0.9621	0.9571	0.9654	0.7286
18.4	0.9793	0.9366	0.9993	0.9993	0.9505	0.9373	0.9549	0.7827
18.5	0.9827	0.9515	0.9996	0.9995	0.9648	0.9470	0.9613	0.8614
18.6	0.9769	0.9436	0.9995	0.9994	0.9477	0.9200	0.9516	0.8348
18.7	0.9815	0.9584	0.9995	0.9995	0.9644	0.9313	0.9722	0.8459
18.8	0.9898	0.9784	0.9994	0.9994	0.9824	0.9424	0.9863	0.7723
18.9	0.9891	0.9819	0.9995	0.9996	0.9855	0.9501	0.9883	0.6572
19.0	0.9857	0.9746	0.9995	0.9995	0.9801	0.9399	0.9881	0.4512
19.1	0.9827	0.9665	0.9992	0.9992	0.9762	0.8927	0.9791	0.3429
19.2	0.9797	0.9742	0.9993	0.9993	0.9794	0.9003	0.9811	0.3993
19.3	0.9806	0.9613	0.9989	0.9990	0.9730	0.8934	0.9761	0.5667
19.4	0.9846	0.9558	0.9989	0.9990	0.9760	0.9039	0.9780	0.7867
19.5	0.9800	0.9397	0.9991	0.9991	0.9683	0.9058	0.9741	0.7997
19.6	0.9855	0.9586	0.9991	0.9992	0.9766	0.9578	0.9840	0.8826
19.7	0.9868	0.9592	0.9993	0.9993	0.9747	0.9638	0.9838	0.9097
19.8	0.9812	0.9603	0.9987	0.9986	0.9703	0.9610	0.9762	0.8889
19.9	0.9814	0.9599	0.9984	0.9984	0.9736	0.9503	0.9793	0.8912
20.0	0.9835	0.9730	0.9978	0.9978	0.9795	0.9427	0.9793	0.8362
20.1	0.9812	0.9718	0.9971	0.9972	0.9829	0.9338	0.9729	0.8674
20.2	0.9817	0.9764	0.9971	0.9972	0.9824	0.9293	0.9741	0.9028
20.3	0.9849	0.9780	0.9979	0.9978	0.9843	0.9435	0.9760	0.9387
20.4	0.9852	0.9773	0.9969	0.9970	0.9830	0.9511	0.9778	0.9500
20.5	0.9848	0.9736	0.9971	0.9971	0.9813	0.9509	0.9778	0.9503
20.6	0.9863	0.9742	0.9966	0.9967	0.9832	0.9663	0.9709	0.9588
20.7	0.9858	0.9743	0.9973	0.9972	0.9828	0.9780	0.9760	0.9767
20.8	0.9818	0.9555	0.9965	0.9965	0.9732	0.9663	0.9687	0.9728
20.9	0.9882	0.9693	0.9981	0.9981	0.9850	0.9778	0.9779	0.9812
21.0	0.9877	0.9633	0.9970	0.9971	0.9880	0.9785	0.9715	0.9777
21.1	0.9837	0.9564	0.9961	0.9962	0.9812	0.9739	0.9674	0.9766
21.2	0.9811	0.9568	0.9957	0.9960	0.9821	0.9774	0.9674	0.9830
21.3	0.9829	0.9538	0.9956	0.9958	0.9838	0.9772	0.9532	0.9825
21.4	0.9879	0.9545	0.9965	0.9964	0.9848	0.9804	0.9527	0.9803
21.5	0.9882	0.9642	0.9960	0.9959	0.9855	0.9810	0.9532	0.9860
21.6	0.9842	0.9653	0.9949	0.9947	0.9871	0.9827	0.9418	0.9898
21.7	0.9830	0.9582	0.9942	0.9943	0.9819	0.9795	0.9220	0.9800
21.8	0.9851	0.9702	0.9936	0.9937	0.9850	0.9844	0.9208	0.9854
21.9	0.9866	0.9772	0.9939	0.9939	0.9889	0.9867	0.9405	0.9857
22.0	0.9889	0.9700	0.9933	0.9932	0.9850	0.9861	0.9518	0.9823
22.1	0.9908	0.9756	0.9943	0.9941	0.9866	0.9882	0.9628	0.9816
22.2	0.9886	0.9750	0.9942	0.9939	0.9880	0.9869	0.9582	0.9774
22.3	0.9899	0.9771	0.9950	0.9948	0.9892	0.9878	0.9719	0.9818
22.4	0.9909	0.9784	0.9941	0.9941	0.9901	0.9889	0.9775	0.9827
22.5	0.9941	0.9840	0.9951	0.9950	0.9919	0.9916	0.9811	0.9853
22.6	0.9956	0.9882	0.9966	0.9964	0.9928	0.9926	0.9887	0.9893
22.7	0.9936	0.9871	0.9965	0.9963	0.9912	0.9906	0.9857	0.9882
22.8	0.9914	0.9848	0.9954	0.9951	0.9907	0.9880	0.9840	0.9852
22.9	0.9916	0.9822	0.9956	0.9954	0.9887	0.9874	0.9827	0.9856
23.0	0.9892	0.9773	0.9969	0.9969	0.9829	0.9796	0.9810	0.9806
23.1	0.9885	0.9749	0.9963	0.9961	0.9822	0.9797	0.9830	0.9798
23.2	0.9867	0.9688	0.9944	0.9940	0.9747	0.9746	0.9765	0.9725
23.3	0.9856	0.9684	0.9922	0.9920	0.9746	0.9735	0.9735	0.9749
23.4	0.9857	0.9734	0.9935	0.9933	0.9691	0.9659	0.9684	0.9779
23.5	0.9768	0.9665	0.9933	0.9931	0.9523	0.9492	0.9554	0.9789
23.6	0.9736	0.9590	0.9930	0.9926	0.9539	0.9473	0.9523	0.9794
23.7	0.9812	0.9723	0.9935	0.9934	0.9676	0.9627	0.9483	0.9852
23.8	0.9792	0.9749	0.9948	0.9947	0.9722	0.9658	0.9590	0.9862
23.9	0.9771	0.9727	0.9932	0.9929	0.9659	0.9591	0.9376	0.9837
24.0	0.9783	0.9781	0.9952	0.9950	0.9701	0.9609	0.9274	0.9830
24.1	0.9744	0.9741	0.9966	0.9966	0.9680	0.9584	0.9323	0.9837
24.2	0.9690	0.9684	0.9953	0.9952	0.9620	0.9496	0.9091	0.9845
24.3	0.9658	0.9683	0.9946	0.9944	0.9582	0.9419	0.8750	0.9821
24.4	0.9644	0.9691	0.9965	0.9965	0.9606	0.9453	0.8890	0.9810
24.5	0.9657	0.9689	0.9961	0.9960	0.9662	0.9531	0.9112	0.9814
24.6	0.9661	0.9674	0.9962	0.9962	0.9678	0.9576	0.9022	0.9826
24.7	0.9480	0.9536	0.9957	0.9957	0.9543	0.9385	0.8889	0.9701
24.8	0.9445	0.9506	0.9957	0.9956	0.9508	0.9355	0.8578	0.9680
24.9	0.9487	0.9514	0.9955	0.9954	0.9532	0.9421	0.8602	0.9709
25.0	0.9520	0.9547	0.9964	0.9964	0.9626	0.9498	0.9032	0.9722
25.1	0.9567	0.9647	0.9980	0.9980	0.9694	0.9578	0.9242	0.9777

25.2	0.9659	0.9739	0.9973	0.9974	0.9745	0.9655	0.9420	0.9806
25.3	0.9367	0.9514	0.9962	0.9962	0.9519	0.9339	0.9163	0.9582
25.4	0.8869	0.9302	0.9971	0.9971	0.9322	0.9001	0.8906	0.9451
25.5	0.8715	0.9041	0.9964	0.9963	0.9067	0.8851	0.8449	0.9387
25.6	0.8156	0.8109	0.9965	0.9964	0.8101	0.8417	0.6567	0.9188
25.7	0.8720	0.7045	0.9953	0.9949	0.8106	0.8892	0.3660	0.9431
25.8	0.9429	0.7626	0.9969	0.9964	0.9020	0.9497	0.4522	0.9723
25.9	0.9279	0.6676	0.9955	0.9951	0.8670	0.9325	0.4580	0.9570
26.0	0.9464	0.8363	0.9945	0.9936	0.9181	0.9482	0.7637	0.9678
26.1	0.9598	0.9177	0.9935	0.9919	0.9467	0.9608	0.8787	0.9743
26.2	0.9736	0.9558	0.9942	0.9926	0.9683	0.9737	0.9392	0.9816
26.3	0.9780	0.9678	0.9929	0.9910	0.9759	0.9778	0.9568	0.9849
26.4	0.9819	0.9738	0.9902	0.9877	0.9809	0.9816	0.9689	0.9871
26.5	0.9788	0.9708	0.9872	0.9837	0.9787	0.9790	0.9673	0.9847
26.6	0.9784	0.9739	0.9860	0.9817	0.9797	0.9779	0.9691	0.9844
26.7	0.9862	0.9840	0.9857	0.9807	0.9872	0.9859	0.9809	0.9900
26.8	0.9919	0.9900	0.9886	0.9849	0.9927	0.9916	0.9898	0.9940
26.9	0.9837	0.9794	0.9770	0.9705	0.9850	0.9828	0.9799	0.9882
27.0	0.9824	0.9788	0.9694	0.9608	0.9841	0.9816	0.9798	0.9865
27.1	0.9767	0.9748	0.9713	0.9634	0.9805	0.9768	0.9763	0.9834
27.2	0.9829	0.9815	0.9694	0.9634	0.9854	0.9826	0.9816	0.9888
27.3	0.9725	0.9708	0.9575	0.9510	0.9769	0.9694	0.9708	0.9794
27.4	0.9723	0.9729	0.9676	0.9649	0.9756	0.9680	0.9745	0.9742
27.5	0.9771	0.9790	0.9707	0.9687	0.9804	0.9748	0.9793	0.9804
27.6	0.9745	0.9765	0.9648	0.9626	0.9788	0.9726	0.9762	0.9806
27.7	0.9789	0.9801	0.9749	0.9734	0.9837	0.9771	0.9818	0.9837
27.8	0.9745	0.9763	0.9741	0.9726	0.9801	0.9694	0.9779	0.9811
27.9	0.9741	0.9775	0.9814	0.9808	0.9807	0.9691	0.9807	0.9778
28.0	0.9529	0.9633	0.9757	0.9748	0.9659	0.9487	0.9687	0.9648
28.1	0.9481	0.9625	0.9795	0.9789	0.9618	0.9392	0.9680	0.9693
28.2	0.9499	0.9702	0.9851	0.9846	0.9640	0.9366	0.9719	0.9682
28.3	0.9355	0.9568	0.9809	0.9804	0.9571	0.9154	0.9621	0.9749
28.4	0.9292	0.9585	0.9831	0.9826	0.9554	0.9117	0.9647	0.9746
28.5	0.9411	0.9707	0.9922	0.9917	0.9687	0.9250	0.9808	0.9816
28.6	0.8999	0.9559	0.9925	0.9922	0.9613	0.8963	0.9757	0.9827
28.7	0.9061	0.9703	0.9947	0.9946	0.9708	0.9196	0.9816	0.9865
28.8	0.7947	0.9487	0.9944	0.9943	0.9656	0.8980	0.9789	0.9886
28.9	0.6991	0.9519	0.9965	0.9963	0.9681	0.8924	0.9808	0.9911
29.0	0.5686	0.9375	0.9968	0.9967	0.9687	0.8963	0.9817	0.9915
29.1	0.6088	0.9094	0.9967	0.9966	0.9678	0.8806	0.9813	0.9902
29.2	0.8176	0.9156	0.9979	0.9978	0.9744	0.8969	0.9854	0.9909
29.3	0.9008	0.9027	0.9986	0.9985	0.9858	0.9380	0.9887	0.9926
29.4	0.9211	0.8133	0.9978	0.9977	0.9804	0.9232	0.9834	0.9884
29.5	0.9382	0.5794	0.9979	0.9978	0.9769	0.9147	0.9785	0.9886
29.6	0.9680	0.5021	0.9985	0.9985	0.9812	0.9383	0.9835	0.9904
29.7	0.9674	0.4433	0.9987	0.9986	0.9793	0.9334	0.9851	0.9889
29.8	0.9653	0.4537	0.9989	0.9988	0.9761	0.9283	0.9844	0.9882
29.9	0.9653	0.6502	0.9989	0.9989	0.9834	0.9377	0.9858	0.9852
30.0	0.9777	0.7909	0.9990	0.9990	0.9858	0.9513	0.9867	0.9860
30.1	0.9878	0.8887	0.9993	0.9992	0.9820	0.9442	0.9876	0.9865
30.2	0.9866	0.9167	0.9993	0.9992	0.9711	0.9137	0.9838	0.9832
30.3	0.9877	0.9617	0.9993	0.9991	0.9574	0.8615	0.9839	0.9755
30.4	0.9879	0.9758	0.9993	0.9991	0.9433	0.7437	0.9818	0.9747
30.5	0.9867	0.9765	0.9995	0.9993	0.9251	0.4900	0.9796	0.9784
30.6	0.9926	0.9876	0.9993	0.9992	0.9569	0.1003	0.9853	0.9855
30.7	0.9909	0.9801	0.9992	0.9991	0.9575	0.1683	0.9781	0.9861
30.8	0.9914	0.9848	0.9992	0.9992	0.9605	0.5921	0.9737	0.9869
30.9	0.9910	0.9874	0.9994	0.9993	0.9690	0.7829	0.9736	0.9871
31.0	0.9898	0.9893	0.9992	0.9992	0.9768	0.8702	0.9642	0.9868
31.1	0.9871	0.9865	0.9991	0.9990	0.9769	0.8634	0.9427	0.9873
31.2	0.9855	0.9804	0.9991	0.9989	0.9756	0.8898	0.9379	0.9865
31.3	0.9865	0.9828	0.9991	0.9989	0.9766	0.9032	0.9488	0.9773
31.4	0.9892	0.9840	0.9995	0.9993	0.9791	0.9058	0.9359	0.9724
31.5	0.9845	0.9785	0.9990	0.9985	0.9684	0.8684	0.9036	0.9670
31.6	0.9857	0.9836	0.9991	0.9987	0.9775	0.9205	0.9356	0.9790
31.7	0.9896	0.9868	0.9991	0.9989	0.9822	0.9291	0.9446	0.9780
31.8	0.9867	0.9835	0.9992	0.9989	0.9795	0.9322	0.9375	0.9741
31.9	0.9838	0.9821	0.9992	0.9988	0.9811	0.9388	0.9363	0.9721
32.0	0.9796	0.9710	0.9988	0.9980	0.9749	0.9054	0.8954	0.9556
32.1	0.9802	0.9765	0.9988	0.9980	0.9714	0.9112	0.8980	0.9526
32.2	0.9821	0.9781	0.9984	0.9975	0.9737	0.9203	0.9022	0.9428
32.3	0.9812	0.9715	0.9980	0.9966	0.9666	0.8989	0.8943	0.9295
32.4	0.9859	0.9771	0.9984	0.9971	0.9730	0.9172	0.9028	0.9146
32.5	0.9835	0.9582	0.9976	0.9955	0.9661	0.9108	0.8765	0.8869
32.6	0.9825	0.9543	0.9959	0.9918	0.9641	0.9221	0.8639	0.8742
32.7	0.9829	0.9611	0.9954	0.9915	0.9662	0.9302	0.8445	0.8568
32.8	0.9865	0.9556	0.9949	0.9910	0.9658	0.9209	0.8312	0.8607
32.9	0.9844	0.9388	0.9942	0.9885	0.9628	0.9036	0.8240	0.8569
33.0	0.9886	0.9494	0.9946	0.9883	0.9723	0.9273	0.8477	0.9041
33.1	0.9890	0.9399	0.9948	0.9874	0.9750	0.9190	0.8395	0.9104
33.2	0.9882	0.9314	0.9944	0.9866	0.9734	0.9068	0.8278	0.9207
33.3	0.9846	0.8982	0.9923	0.9811	0.9664	0.8829	0.8203	0.9239
33.4	0.9770	0.8640	0.9907	0.9796	0.9654	0.8420	0.7526	0.9071
33.5	0.9752	0.8204	0.9919	0.9830	0.9580	0.8101	0.7116	0.8708
33.6	0.9706	0.6552	0.9853	0.9734	0.9360	0.7653	0.7572	0.8258
33.7	0.9674	0.3682	0.9866	0.9785	0.9256	0.7588	0.7783	0.8351

33.8	0.9652	0.0729	0.9917	0.9864	0.9389	0.8090	0.7987	0.8610
33.9	0.9676	0.2131	0.9909	0.9857	0.9612	0.8906	0.8443	0.9125
34.0	0.9689	0.5951	0.9910	0.9868	0.9660	0.9168	0.8830	0.9327
34.1	0.9576	0.7242	0.9911	0.9871	0.9584	0.9123	0.8523	0.9251
34.2	0.9556	0.7882	0.9921	0.9878	0.9626	0.8946	0.7998	0.9287
34.3	0.9552	0.8549	0.9943	0.9906	0.9713	0.9175	0.8192	0.9397
34.4	0.9698	0.9165	0.9956	0.9932	0.9776	0.9432	0.8892	0.9518
34.5	0.9763	0.9504	0.9971	0.9955	0.9880	0.9650	0.9224	0.9641
34.6	0.9690	0.9497	0.9964	0.9948	0.9823	0.9418	0.8518	0.9613
34.7	0.9606	0.9421	0.9971	0.9949	0.9784	0.9131	0.8342	0.9606
34.8	0.9581	0.9520	0.9971	0.9952	0.9818	0.9245	0.8691	0.9598
34.9	0.9639	0.9496	0.9972	0.9960	0.9813	0.9327	0.8945	0.9605
35.0	0.9670	0.9606	0.9979	0.9966	0.9812	0.9333	0.9250	0.9540
35.1	0.9636	0.9646	0.9969	0.9956	0.9772	0.9218	0.9231	0.9331
35.2	0.9613	0.9689	0.9972	0.9958	0.9782	0.9414	0.9464	0.9496
35.3	0.9474	0.9716	0.9979	0.9968	0.9824	0.9561	0.9531	0.9308
35.4	0.9391	0.9730	0.9981	0.9970	0.9827	0.9620	0.9545	0.9079
35.5	0.9299	0.9659	0.9976	0.9972	0.9862	0.9744	0.9656	0.9149
35.6	0.9204	0.9612	0.9973	0.9962	0.9846	0.9605	0.9673	0.8948
35.7	0.9259	0.9736	0.9982	0.9974	0.9862	0.9695	0.9723	0.9211
35.8	0.9043	0.9763	0.9980	0.9970	0.9834	0.9684	0.9749	0.9190
35.9	0.8867	0.9725	0.9978	0.9971	0.9834	0.9731	0.9689	0.9372
36.0	0.8833	0.9790	0.9977	0.9974	0.9857	0.9762	0.9689	0.9556
36.1	0.8356	0.9684	0.9960	0.9956	0.9717	0.9532	0.9275	0.9247
36.2	0.7892	0.9638	0.9969	0.9966	0.9740	0.9597	0.8972	0.9484
36.3	0.7968	0.9745	0.9979	0.9975	0.9806	0.9660	0.8956	0.9554
36.4	0.7399	0.9711	0.9977	0.9971	0.9776	0.9587	0.8066	0.9488
36.5	0.6756	0.9639	0.9967	0.9965	0.9777	0.9578	0.7567	0.9577
36.6	0.6450	0.9680	0.9973	0.9975	0.9825	0.9637	0.8253	0.9647
36.7	0.4901	0.9789	0.9981	0.9983	0.9833	0.9573	0.8886	0.9569
36.8	0.2210	0.9726	0.9975	0.9980	0.9762	0.9276	0.9299	0.9407
36.9	0.2268	0.9582	0.9949	0.9963	0.9695	0.9133	0.9009	0.9258
37.0	0.2593	0.9648	0.9958	0.9963	0.9706	0.9115	0.9272	0.9084
37.1	0.0084	0.9747	0.9960	0.9972	0.9711	0.8882	0.9444	0.9105
37.2	0.2217	0.9724	0.9959	0.9970	0.9649	0.8395	0.9413	0.8762
37.3	0.5339	0.9777	0.9951	0.9967	0.9602	0.8312	0.9476	0.8418
37.4	0.7325	0.9820	0.9955	0.9965	0.9506	0.8039	0.9541	0.7516
37.5	0.8336	0.9841	0.9951	0.9967	0.9608	0.8748	0.9613	0.6852
37.6	0.8065	0.9671	0.9909	0.9950	0.9550	0.8870	0.9458	0.3956
37.7	0.9139	0.9789	0.9936	0.9968	0.9783	0.9513	0.9585	0.1817
37.8	0.8915	0.9750	0.9938	0.9974	0.9749	0.9470	0.9561	0.1782
37.9	0.8748	0.9796	0.9940	0.9974	0.9700	0.9393	0.9655	0.3746
38.0	0.8658	0.9732	0.9949	0.9973	0.9790	0.9572	0.9612	0.5290
38.1	0.8218	0.9813	0.9933	0.9961	0.9802	0.9546	0.9551	0.4914
38.2	0.8302	0.9779	0.9939	0.9962	0.9811	0.9519	0.9604	0.5797
38.3	0.8699	0.9779	0.9934	0.9953	0.9785	0.9538	0.9678	0.7272
38.4	0.8730	0.9800	0.9951	0.9961	0.9784	0.9599	0.9692	0.7983
38.5	0.9115	0.9770	0.9945	0.9970	0.9763	0.9596	0.9650	0.8534
38.6	0.9000	0.9738	0.9948	0.9967	0.9717	0.9539	0.9558	0.8849
38.7	0.9013	0.9726	0.9951	0.9963	0.9768	0.9617	0.9540	0.9149
38.8	0.9127	0.9627	0.9921	0.9945	0.9698	0.9538	0.9592	0.9038
38.9	0.9272	0.9695	0.9938	0.9968	0.9744	0.9642	0.9627	0.9295
39.0	0.9276	0.9615	0.9950	0.9973	0.9805	0.9709	0.9619	0.9557
39.1	0.9334	0.9526	0.9952	0.9971	0.9810	0.9719	0.9566	0.9623
39.2	0.8987	0.9385	0.9923	0.9967	0.9734	0.9644	0.9589	0.9412
39.3	0.8769	0.9193	0.9936	0.9973	0.9664	0.9567	0.9480	0.9534
39.4	0.8753	0.8925	0.9946	0.9973	0.9629	0.9544	0.9429	0.9520
39.5	0.8620	0.8835	0.9945	0.9968	0.9706	0.9638	0.9558	0.9592
39.6	0.7991	0.8360	0.9944	0.9969	0.9663	0.9571	0.9501	0.9476
39.7	0.8424	0.8501	0.9955	0.9977	0.9694	0.9630	0.9489	0.9554
39.8	0.8025	0.8164	0.9940	0.9969	0.9651	0.9609	0.9446	0.9641
39.9	0.7077	0.7282	0.9912	0.9961	0.9555	0.9538	0.9423	0.9608
40.0	0.6504	0.5392	0.9932	0.9975	0.9596	0.9549	0.9475	0.9644
40.1	0.3614	0.3134	0.9893	0.9969	0.9308	0.9267	0.9138	0.9485
40.2	0.2090	0.2383	0.9870	0.9963	0.9283	0.9276	0.9128	0.9494
40.3	0.1450	0.1973	0.9875	0.9967	0.9191	0.9191	0.9118	0.9302
40.4	0.0874	0.1932	0.9857	0.9969	0.9216	0.9253	0.9108	0.9432
40.5	0.1271	0.2489	0.9882	0.9971	0.9247	0.9300	0.9173	0.9529
40.6	0.1320	0.1619	0.9856	0.9957	0.8921	0.9057	0.8762	0.9396
40.7	0.3270	0.1579	0.9847	0.9962	0.8618	0.8790	0.8292	0.9261
40.8	0.4006	0.3242	0.9832	0.9970	0.8458	0.8638	0.8210	0.9113
40.9	0.4288	0.3978	0.9828	0.9967	0.8373	0.8634	0.8352	0.8991
41.0	0.4357	0.3386	0.9693	0.9964	0.6735	0.7280	0.6942	0.8250
41.1	0.5473	0.5487	0.9754	0.9962	0.7421	0.7923	0.7820	0.8527
41.2	0.6138	0.6330	0.9727	0.9963	0.7158	0.7715	0.7935	0.8036
41.3	0.6579	0.5905	0.9647	0.9941	0.5491	0.6543	0.7097	0.6850
41.4	0.7419	0.6351	0.9772	0.9942	0.4518	0.5983	0.7001	0.6815
41.5	0.7122	0.4845	0.9711	0.9945	0.4269	0.5547	0.6358	0.7273
41.6	0.7133	0.5939	0.9700	0.9948	0.4888	0.6071	0.6937	0.7251
41.7	0.6821	0.5883	0.9637	0.9932	0.4147	0.5445	0.6455	0.6613
41.8	0.5975	0.4916	0.9555	0.9924	0.3635	0.4824	0.5751	0.6896
41.9	0.5860	0.4568	0.9448	0.9906	0.3240	0.4337	0.5009	0.6686
42.0	0.6857	0.4966	0.9590	0.9883	0.1771	0.3186	0.4121	0.6154
42.1	0.5693	0.4596	0.9377	0.9829	0.2314	0.3599	0.3850	0.5902
42.2	0.5954	0.5171	0.9499	0.9868	0.2331	0.3737	0.3982	0.6029
42.3	0.6874	0.5817	0.9474	0.9867	0.1259	0.2387	0.3222	0.3270

42.4	0.6726	0.4397	0.9046	0.9848	0.0413	0.1049	0.1931	0.0920
42.5	0.7019	0.4046	0.9220	0.9829	0.0001	0.0243	0.1518	0.2288
42.6	0.7654	0.5165	0.9395	0.9877	0.0352	0.0044	0.2057	0.3603
42.7	0.7434	0.5433	0.9448	0.9870	0.0641	0.1364	0.4384	0.2696
42.8	0.7125	0.5472	0.9495	0.9864	0.1402	0.2398	0.5158	0.3730
42.9	0.6584	0.5032	0.9389	0.9850	0.1392	0.2347	0.4399	0.3611
43.0	0.7203	0.4898	0.9375	0.9827	0.0981	0.1918	0.3721	0.2833
43.1	0.7205	0.4341	0.9407	0.9815	0.0446	0.1253	0.3678	0.2332
43.2	0.7045	0.3588	0.9537	0.9764	0.0090	0.0459	0.3287	0.2451
43.3	0.7856	0.4619	0.9629	0.9742	0.0601	0.1112	0.4964	0.2693
43.4	0.7006	0.4265	0.9405	0.9662	0.0959	0.1490	0.4844	0.2093
43.5	0.7300	0.4331	0.9470	0.9750	0.0442	0.0677	0.4385	0.2421
43.6	0.7325	0.4245	0.9443	0.9778	0.0466	0.0891	0.4132	0.2809
43.7	0.7292	0.4393	0.9208	0.9622	0.1030	0.1070	0.4004	0.0746
43.8	0.7642	0.4904	0.9280	0.9615	0.1481	0.1744	0.5040	0.0876
43.9	0.7752	0.3668	0.9241	0.9686	0.0444	0.0733	0.3835	0.1638
44.0	0.7773	0.2886	0.9206	0.9750	0.0138	0.0377	0.2840	0.1541
44.1	0.7800	0.3116	0.9223	0.9653	0.0333	0.0663	0.3372	0.1444
44.2	0.7889	0.3683	0.9016	0.9556	0.1115	0.1377	0.4146	0.0934
44.3	0.7623	0.5357	0.9218	0.9647	0.3143	0.3075	0.5896	0.0386
44.4	0.6002	0.6333	0.9441	0.9728	0.3749	0.3604	0.6491	0.0321
44.5	0.4166	0.5638	0.9323	0.9705	0.2241	0.2219	0.5476	0.0295
44.6	0.4339	0.5004	0.9290	0.9746	0.2137	0.1948	0.5161	0.0042
44.7	0.4565	0.4848	0.9273	0.9759	0.2109	0.1974	0.5342	0.0064
44.8	0.2677	0.4756	0.9293	0.9792	0.1811	0.1574	0.5671	0.0715
44.9	0.1040	0.5200	0.9265	0.9753	0.2916	0.2363	0.6025	0.0897
45.0	0.0921	0.4641	0.9200	0.9836	0.2553	0.2140	0.5698	0.0232
45.1	0.3171	0.3729	0.9283	0.9843	0.1626	0.0983	0.4901	0.0737
45.2	0.1160	0.4247	0.9581	0.9801	0.2382	0.1358	0.5372	0.0828
45.3	0.0271	0.3791	0.9499	0.9698	0.1653	0.1117	0.4551	0.0447
45.4	0.0562	0.3073	0.9572	0.9679	0.0514	0.0758	0.3799	0.0493
45.5	0.1134	0.3722	0.9750	0.9786	0.1253	0.0995	0.4806	0.1275
45.6	0.0939	0.4440	0.9805	0.9819	0.1839	0.2146	0.5892	0.0341
45.7	0.2039	0.4067	0.9778	0.9715	0.1577	0.1886	0.5410	0.0216
45.8	0.4505	0.3952	0.9810	0.9817	0.2121	0.1682	0.5957	0.1065
45.9	0.4639	0.3028	0.9640	0.9743	0.2411	0.1728	0.5319	0.0758
46.0	0.3782	0.2538	0.9698	0.9691	0.2650	0.1400	0.4969	0.0919
46.1	0.4314	0.4373	0.9689	0.9624	0.2326	0.2019	0.4813	0.0697
46.2	0.6390	0.5013	0.9532	0.9324	0.2229	0.2415	0.5346	0.1752
46.3	0.5633	0.3873	0.9692	0.9534	0.1638	0.1629	0.5439	0.1865
46.4	0.4992	0.4457	0.9736	0.9574	0.2645	0.2214	0.6319	0.1479
46.5	0.5974	0.5145	0.9813	0.9592	0.2459	0.2547	0.6235	0.0780
46.6	0.6907	0.5925	0.9832	0.9716	0.4323	0.5236	0.7463	0.0361
46.7	0.7626	0.6198	0.9864	0.9756	0.4816	0.5541	0.7252	0.1287
46.8	0.6887	0.5971	0.9892	0.9779	0.4772	0.5066	0.6964	0.2323
46.9	0.6682	0.5956	0.9880	0.9768	0.4562	0.4967	0.7066	0.2810
47.0	0.6898	0.5790	0.9835	0.9709	0.4683	0.4836	0.6912	0.2894
47.1	0.7620	0.6790	0.9841	0.9660	0.5959	0.6474	0.7025	0.4473
47.2	0.8485	0.7730	0.9885	0.9753	0.6901	0.7531	0.7690	0.6449
47.3	0.8307	0.6948	0.9851	0.9765	0.6061	0.6550	0.7261	0.6299
47.4	0.8406	0.6601	0.9844	0.9700	0.5900	0.6049	0.7651	0.6328
47.5	0.8475	0.7182	0.9826	0.9591	0.5531	0.6242	0.8274	0.5665
47.6	0.8470	0.7932	0.9848	0.9665	0.5582	0.7297	0.8898	0.3740
47.7	0.8629	0.8106	0.9818	0.9474	0.5877	0.7404	0.8270	0.2794
47.8	0.8801	0.8057	0.9675	0.9249	0.4500	0.6705	0.6912	0.1750
47.9	0.8804	0.8356	0.9812	0.9595	0.4971	0.7790	0.7734	0.1825
48.0	0.8766	0.8282	0.9864	0.9725	0.6910	0.8617	0.8696	0.5502
48.1	0.9010	0.8239	0.9788	0.9469	0.8087	0.9056	0.8797	0.7237
48.2	0.9039	0.8665	0.9836	0.9411	0.8107	0.9209	0.8849	0.8183
48.3	0.8876	0.8595	0.9801	0.9538	0.7725	0.8944	0.8824	0.7829
48.4	0.8201	0.8147	0.9739	0.9534	0.7291	0.8527	0.7857	0.7113
48.5	0.7645	0.7754	0.9812	0.9606	0.7392	0.8743	0.7778	0.7651
48.6	0.7911	0.7759	0.9855	0.9723	0.7269	0.8968	0.8057	0.8076
48.7	0.8250	0.7980	0.9888	0.9688	0.7493	0.8995	0.7964	0.8378
48.8	0.8533	0.8390	0.9844	0.9680	0.7248	0.8706	0.8323	0.7510
48.9	0.8701	0.8018	0.9817	0.9554	0.7668	0.8839	0.8806	0.7275
49.0	0.7792	0.7546	0.9731	0.9435	0.7441	0.8731	0.7432	0.7395
49.1	0.7695	0.7371	0.9729	0.9608	0.8075	0.9090	0.7538	0.8008
49.2	0.7725	0.6723	0.9691	0.9592	0.8270	0.9191	0.7384	0.8121
49.3	0.7595	0.6720	0.9735	0.9634	0.7975	0.9005	0.6518	0.8101
49.4	0.7404	0.6743	0.9717	0.9609	0.7730	0.8796	0.6268	0.8033
49.5	0.7518	0.7047	0.9719	0.9635	0.8122	0.8923	0.7303	0.8344
49.6	0.5854	0.4894	0.9112	0.8719	0.6501	0.7830	0.4043	0.6298
49.7	0.2635	0.0836	0.6497	0.6166	0.3272	0.4923	0.1594	0.3010
49.8	0.2053	0.1086	0.6738	0.6525	0.2393	0.4326	0.2219	0.2168
49.9	0.4886	0.5044	0.9146	0.9103	0.6121	0.7959	0.7139	0.5197
50.0	0.3542	0.4635	0.9198	0.9049	0.6188	0.7863	0.5450	0.5469
50.1	0.3226	0.4331	0.9263	0.8913	0.4997	0.6975	0.3951	0.4628
50.2	0.5362	0.5948	0.9620	0.9539	0.6881	0.8157	0.6264	0.7125
50.3	0.6775	0.5158	0.9804	0.9630	0.8106	0.8905	0.8055	0.8318
50.4	0.5300	0.4470	0.9758	0.9625	0.7885	0.8620	0.8014	0.7889
50.5	0.4879	0.2764	0.9762	0.9803	0.7486	0.8688	0.7902	0.7737
50.6	0.4801	0.1299	0.9738	0.9721	0.7605	0.8736	0.8364	0.7691
50.7	0.4349	0.2960	0.9718	0.9592	0.7699	0.8861	0.8406	0.7914
50.8	0.4033	0.4754	0.9763	0.9686	0.8339	0.9179	0.8423	0.8368
50.9	0.4418	0.3191	0.9772	0.9711	0.8078	0.8923	0.8305	0.8380

51.0	0.4597	0.2600	0.9738	0.9678	0.8048	0.8902	0.8256	0.8413
51.1	0.5675	0.3147	0.9802	0.9802	0.7941	0.8846	0.8227	0.8242
51.2	0.4445	0.4409	0.9835	0.9808	0.7554	0.8603	0.8567	0.8130
51.3	0.1868	0.3250	0.9587	0.9553	0.7311	0.8724	0.6893	0.7566
51.4	0.2080	0.1714	0.9428	0.9609	0.6825	0.8486	0.6543	0.5903
51.5	0.3785	0.4233	0.9816	0.9865	0.7582	0.8364	0.6647	0.7628
51.6	0.4604	0.5094	0.9883	0.9929	0.7372	0.8232	0.6507	0.8146
51.7	0.3913	0.3639	0.9834	0.9887	0.6863	0.8040	0.6968	0.7998
51.8	0.5029	0.3756	0.9842	0.9881	0.7411	0.8347	0.8054	0.8153
51.9	0.4556	0.4915	0.9861	0.9867	0.7656	0.8727	0.8383	0.8516
52.0	0.5285	0.4771	0.9867	0.9883	0.7573	0.8469	0.8140	0.8502
52.1	0.4342	0.3973	0.9886	0.9885	0.7149	0.8168	0.7898	0.8028
52.2	0.4039	0.3774	0.9891	0.9885	0.7713	0.8541	0.8386	0.8127
52.3	0.4316	0.4065	0.9807	0.9819	0.7752	0.8683	0.8629	0.8448
52.4	0.3637	0.3580	0.9802	0.9792	0.7276	0.8533	0.8849	0.7731
52.5	0.4020	0.4337	0.9882	0.9870	0.7239	0.8439	0.8790	0.7527
52.6	0.3197	0.4043	0.9846	0.9878	0.6923	0.8322	0.8402	0.7522
52.7	0.1758	0.3622	0.9708	0.9807	0.7190	0.8191	0.8183	0.7297
52.8	0.1769	0.3797	0.9642	0.9773	0.7327	0.8152	0.7391	0.7776
52.9	0.2789	0.3777	0.9550	0.9785	0.7559	0.8104	0.5592	0.8268
53.0	0.3715	0.5449	0.9743	0.9868	0.7868	0.8022	0.3745	0.8631
53.1	0.4577	0.5681	0.9842	0.9886	0.8282	0.8344	0.5863	0.8708
53.2	0.4500	0.4337	0.9742	0.9831	0.7753	0.7954	0.6310	0.8364
53.3	0.3498	0.4037	0.9631	0.9822	0.6352	0.6655	0.5860	0.7586
53.4	0.3082	0.2617	0.9489	0.9685	0.6518	0.6949	0.5617	0.7297
53.5	0.2802	0.3163	0.9369	0.9755	0.6701	0.7180	0.5366	0.7496
53.6	0.2701	0.2818	0.9423	0.9809	0.6929	0.7564	0.3357	0.7934
53.7	0.3215	0.2480	0.9358	0.9718	0.5637	0.5737	0.2538	0.6125
53.8	0.4394	0.3956	0.9317	0.9703	0.5334	0.4266	0.1953	0.4366
53.9	0.2631	0.3807	0.9509	0.9718	0.5532	0.5334	0.1493	0.6106
54.0	0.3437	0.3773	0.9694	0.9828	0.6004	0.6051	0.1684	0.7191
54.1	0.5589	0.4648	0.9545	0.9802	0.6747	0.5239	0.1123	0.6986
54.2	0.4620	0.4777	0.9035	0.9682	0.5904	0.4241	0.0658	0.6653
54.3	0.4439	0.4362	0.9105	0.9669	0.5438	0.4335	0.0699	0.7126
54.4	0.5304	0.4211	0.9050	0.9660	0.5526	0.4034	0.0665	0.7366
54.5	0.4945	0.4846	0.8659	0.9520	0.4558	0.1963	0.1816	0.5875
54.6	0.5845	0.5356	0.8927	0.9615	0.4924	0.0937	0.4519	0.5715
54.7	0.5705	0.4583	0.8589	0.9557	0.2848	0.0117	0.3324	0.2637
54.8	0.6122	0.5046	0.8590	0.9606	0.2971	0.0364	0.4390	0.2035
54.9	0.5442	0.5634	0.8434	0.9390	0.3763	0.0229	0.4412	0.1676
55.0	0.5598	0.5645	0.8347	0.9357	0.3103	0.1400	0.5386	0.1010
55.1	0.6558	0.5886	0.8729	0.9493	0.3992	0.4857	0.7527	0.3545
55.2	0.5907	0.4923	0.8330	0.9296	0.2134	0.3901	0.6232	0.3053
55.3	0.5368	0.4504	0.7586	0.9114	0.2715	0.4924	0.6562	0.3805
55.4	0.5224	0.4871	0.7617	0.9193	0.2650	0.4568	0.6448	0.2970
55.5	0.5752	0.4032	0.7464	0.9302	0.2776	0.4914	0.6327	0.4006
55.6	0.5693	0.3701	0.7713	0.9430	0.2220	0.4289	0.5697	0.3647
55.7	0.4179	0.2754	0.7663	0.9257	0.1904	0.4946	0.6163	0.4980
55.8	0.4196	0.1961	0.7214	0.9113	0.2752	0.6123	0.6935	0.5651
55.9	0.5047	0.4098	0.7052	0.9335	0.2967	0.5670	0.6794	0.4892
56.0	0.3923	0.3059	0.7502	0.9250	0.2680	0.5440	0.6472	0.4589
56.1	0.2789	0.1878	0.7374	0.9141	0.2008	0.4697	0.4652	0.5015
56.2	0.2455	0.2247	0.6987	0.9121	0.1972	0.4766	0.4641	0.5092
56.3	0.3358	0.2046	0.6729	0.8986	0.1690	0.5071	0.5256	0.4949
56.4	0.4639	0.3035	0.6237	0.9035	0.1474	0.4542	0.4932	0.4161
56.5	0.3118	0.2658	0.5945	0.9043	0.2622	0.5769	0.5540	0.5765
56.6	0.3722	0.2070	0.6188	0.8951	0.3132	0.6322	0.5875	0.6196
56.7	0.3096	0.2307	0.6777	0.9021	0.2382	0.5625	0.5401	0.5508
56.8	0.2542	0.2550	0.5880	0.8932	0.2190	0.5452	0.5063	0.5058
56.9	0.3105	0.2532	0.6126	0.8990	0.2577	0.5430	0.5304	0.4876
57.0	0.3956	0.2178	0.7289	0.9221	0.3081	0.5906	0.5723	0.5426
57.1	0.4333	0.1334	0.7094	0.9039	0.3484	0.6143	0.5706	0.5792
57.2	0.3100	0.1162	0.6532	0.8808	0.2664	0.5872	0.4773	0.5653
57.3	0.2750	0.1714	0.6826	0.8922	0.3468	0.5960	0.5466	0.5952
57.4	0.3327	0.2229	0.6654	0.8877	0.2931	0.5764	0.5514	0.5704
57.5	0.3111	0.2282	0.5227	0.8435	0.2826	0.5225	0.5215	0.5238
57.6	0.3801	0.1128	0.5419	0.8535	0.3567	0.6203	0.5565	0.6248
57.7	0.2610	0.0835	0.6322	0.8892	0.2550	0.5343	0.4419	0.5652
57.8	0.3551	0.1792	0.7119	0.9003	0.2131	0.4778	0.3862	0.5211
57.9	0.3495	0.0975	0.7476	0.9057	0.3448	0.6086	0.5523	0.6382
58.0	0.3380	0.2727	0.6945	0.8694	0.2509	0.4750	0.4084	0.4965
58.1	0.4694	0.4233	0.7118	0.9280	0.3605	0.5066	0.4965	0.5156
58.2	0.4893	0.3262	0.7597	0.9424	0.4803	0.6161	0.6027	0.6294
58.3	0.5732	0.2820	0.7221	0.9144	0.3316	0.4848	0.4502	0.4897
58.4	0.3728	0.1656	0.7812	0.9026	0.2467	0.4477	0.3873	0.4805
58.5	0.3630	0.1064	0.8050	0.8993	0.2305	0.4119	0.3372	0.4227
58.6	0.4774	0.1648	0.7987	0.9181	0.1439	0.3169	0.2499	0.3405
58.7	0.4321	0.2168	0.7814	0.9015	0.1159	0.2241	0.2550	0.2991
58.8	0.3625	0.1287	0.7881	0.9031	0.1368	0.3004	0.2618	0.3629
58.9	0.4316	0.1135	0.8116	0.9164	0.2430	0.4537	0.3820	0.4829
59.0	0.4159	0.1208	0.8223	0.9002	0.1960	0.3585	0.2925	0.4212
59.1	0.4977	0.2024	0.8518	0.9178	0.1983	0.2981	0.2985	0.3885
59.2	0.5652	0.1926	0.8071	0.9026	0.2275	0.2940	0.3226	0.3413
59.3	0.3927	0.2248	0.8111	0.8963	0.1914	0.2647	0.3324	0.2777
59.4	0.3193	0.1668	0.8839	0.9158	0.3093	0.4383	0.4631	0.4449
59.5	0.5156	0.2313	0.9040	0.9309	0.3938	0.4914	0.5249	0.5388

59.6	0.6085	0.1963	0.8915	0.9441	0.4491	0.5092	0.5714	0.5550
59.7	0.4788	0.2495	0.8858	0.9261	0.4340	0.4788	0.5483	0.5380
59.8	0.4538	0.2464	0.8813	0.9316	0.3672	0.4993	0.4802	0.4908
59.9	0.0151	0.0599	0.1654	0.6655	0.0786	0.1429	0.1988	0.2016
60.0	0.0352	0.0630	0.0572	0.4226	0.0135	0.0252	0.0350	0.0894
60.1	0.0211	0.0292	0.2603	0.5818	0.1989	0.2303	0.2523	0.2886
60.2	0.4832	0.2893	0.9204	0.9494	0.4847	0.5539	0.5995	0.5316
60.3	0.6014	0.3603	0.9385	0.9442	0.4623	0.5372	0.6573	0.5104
60.4	0.5695	0.2686	0.9106	0.9252	0.4332	0.4681	0.5310	0.4773
60.5	0.5981	0.3525	0.9166	0.9431	0.5057	0.5165	0.5252	0.5321
60.6	0.6174	0.3879	0.9193	0.9421	0.5499	0.5869	0.6088	0.5512
60.7	0.4859	0.2644	0.8892	0.9377	0.4771	0.5263	0.5356	0.4990
60.8	0.5545	0.3643	0.9300	0.9504	0.4777	0.5161	0.5618	0.4934
60.9	0.5524	0.2733	0.9367	0.9510	0.5674	0.6049	0.6737	0.5835
61.0	0.3736	0.1865	0.9223	0.9451	0.6117	0.6165	0.6103	0.6374
61.1	0.5510	0.2856	0.9070	0.9490	0.5985	0.6389	0.6292	0.6742
61.2	0.5074	0.2226	0.8940	0.9471	0.5626	0.6031	0.6416	0.6030
61.3	0.4454	0.1467	0.8988	0.9526	0.5811	0.6475	0.6421	0.6120
61.4	0.4472	0.2010	0.9177	0.9452	0.5869	0.6774	0.6484	0.5952
61.5	0.5170	0.3475	0.9047	0.9483	0.6683	0.7146	0.6235	0.6562
61.6	0.4118	0.3625	0.8820	0.9375	0.7155	0.7251	0.6715	0.6654
61.7	0.4202	0.2563	0.8927	0.9276	0.6761	0.6934	0.6567	0.6741
61.8	0.5330	0.3525	0.9065	0.9390	0.6254	0.6852	0.5647	0.6418
61.9	0.6113	0.2350	0.9127	0.9455	0.6808	0.7087	0.5701	0.6947
62.0	0.5120	0.1849	0.9059	0.9480	0.6713	0.6934	0.5962	0.6344
62.1	0.4410	0.3463	0.9058	0.9367	0.7515	0.7726	0.6661	0.7158
62.2	0.4899	0.2910	0.8733	0.9248	0.6448	0.7113	0.6083	0.6470
62.3	0.4951	0.2997	0.9119	0.9359	0.6647	0.7165	0.6072	0.6259
62.4	0.4605	0.3321	0.9219	0.9459	0.6583	0.7131	0.5683	0.6746
62.5	0.4482	0.3040	0.9312	0.9482	0.7143	0.7803	0.6139	0.7474
62.6	0.5249	0.3239	0.9301	0.9309	0.7323	0.7853	0.5824	0.7373
62.7	0.4824	0.1751	0.9258	0.9232	0.6656	0.7239	0.5377	0.6979
62.8	0.3176	0.0722	0.9092	0.9447	0.7348	0.7556	0.5882	0.7160
62.9	0.4859	0.1654	0.9216	0.9557	0.7522	0.7976	0.6352	0.7427
63.0	0.4627	0.1765	0.9137	0.9322	0.7347	0.8124	0.6721	0.7341
63.1	0.5627	0.2848	0.9303	0.9359	0.7180	0.7712	0.5669	0.7265
63.2	0.5291	0.4081	0.9144	0.9430	0.7413	0.7828	0.5118	0.7761
63.3	0.4468	0.2940	0.8925	0.9407	0.7654	0.7946	0.5619	0.7922
63.4	0.4970	0.1545	0.8791	0.9171	0.7108	0.7561	0.5714	0.7695
63.5	0.4903	0.2462	0.8813	0.9112	0.6961	0.7483	0.5476	0.7462
63.6	0.5695	0.3991	0.9202	0.9316	0.7735	0.8067	0.6874	0.8300
63.7	0.5587	0.4758	0.9314	0.9576	0.8476	0.8739	0.7046	0.8800
63.8	0.5313	0.4531	0.9194	0.9563	0.8463	0.8575	0.6488	0.8688
63.9	0.6222	0.4384	0.9267	0.9519	0.8258	0.8372	0.6952	0.8416
64.0	0.4917	0.4673	0.9269	0.9453	0.8425	0.8594	0.7282	0.8609
64.1	0.4082	0.3704	0.9128	0.9547	0.7970	0.7975	0.6544	0.8411
64.2	0.4586	0.3720	0.9300	0.9362	0.7667	0.7913	0.6299	0.7743
64.3	0.5745	0.3931	0.9218	0.9462	0.6990	0.7662	0.5590	0.7576
64.4	0.5131	0.3412	0.9101	0.9445	0.6939	0.7500	0.5942	0.7490
64.5	0.5078	0.3896	0.9090	0.9340	0.7898	0.8271	0.6719	0.8550
64.6	0.5563	0.4971	0.9051	0.9312	0.8116	0.8414	0.7191	0.8297
64.7	0.4699	0.3927	0.9014	0.9291	0.7598	0.7803	0.7021	0.7789
64.8	0.4866	0.3739	0.8853	0.9053	0.7365	0.7804	0.7525	0.7533
64.9	0.4612	0.3576	0.8802	0.9054	0.7701	0.8076	0.7548	0.7916
65.0	0.4462	0.3458	0.8947	0.9134	0.7966	0.8234	0.7357	0.8143
65.1	0.4547	0.1902	0.8655	0.8933	0.7472	0.7825	0.7044	0.7575
65.2	0.4427	0.2266	0.8764	0.8990	0.7769	0.8013	0.7508	0.7551
65.3	0.2480	0.2215	0.8500	0.9092	0.8163	0.8064	0.7593	0.7861
65.4	0.1631	0.3482	0.8587	0.9091	0.8091	0.7926	0.7546	0.7879
65.5	0.3281	0.3336	0.8903	0.8963	0.7651	0.8006	0.7390	0.7740
65.6	0.4513	0.4147	0.8738	0.8954	0.7697	0.8051	0.7717	0.7557
65.7	0.4300	0.3548	0.8624	0.8954	0.8099	0.8503	0.7279	0.7777
65.8	0.4483	0.3045	0.8314	0.8743	0.7239	0.7859	0.5749	0.7188
65.9	0.5409	0.2520	0.8527	0.8984	0.7907	0.8372	0.6493	0.7473
66.0	0.4572	0.3038	0.8964	0.9005	0.8073	0.8484	0.6974	0.7374
66.1	0.4562	0.4447	0.9016	0.9133	0.8501	0.8733	0.7778	0.8369
66.2	0.5135	0.4582	0.8322	0.8972	0.8104	0.8348	0.7799	0.8003
66.3	0.4506	0.3343	0.8210	0.8896	0.7434	0.7939	0.6893	0.7835
66.4	0.5158	0.2300	0.8790	0.8845	0.7965	0.8124	0.7472	0.7750
66.5	0.5824	0.1864	0.8632	0.8726	0.8181	0.8525	0.7764	0.7891
66.6	0.5011	0.3635	0.8588	0.8523	0.7646	0.8128	0.7516	0.7532
66.7	0.5170	0.4095	0.8894	0.8542	0.7687	0.7974	0.7432	0.6798
66.8	0.4826	0.3907	0.8853	0.8804	0.7714	0.8091	0.8025	0.6866
66.9	0.4236	0.5113	0.8927	0.8849	0.8241	0.8623	0.8005	0.7889
67.0	0.3568	0.3129	0.8658	0.8479	0.8354	0.8418	0.8110	0.7561
67.1	0.3194	0.2789	0.8287	0.7937	0.7982	0.8083	0.7882	0.7134
67.2	0.4901	0.4598	0.8412	0.8653	0.8087	0.8221	0.7598	0.7347
67.3	0.5982	0.4779	0.8684	0.8972	0.8029	0.7851	0.8001	0.7146
67.4	0.5365	0.5284	0.8709	0.8409	0.7830	0.7659	0.7655	0.7109
67.5	0.4562	0.5386	0.8706	0.8284	0.8144	0.7940	0.7980	0.7322
67.6	0.5803	0.5088	0.8483	0.8856	0.8293	0.8226	0.8511	0.7414
67.7	0.5321	0.3933	0.8089	0.8660	0.7976	0.7890	0.8117	0.7304
67.8	0.6127	0.3729	0.8225	0.8580	0.8158	0.7952	0.8162	0.7416
67.9	0.4902	0.3597	0.8193	0.8161	0.8226	0.8019	0.8303	0.6919
68.0	0.4944	0.3651	0.7694	0.7749	0.8033	0.7600	0.8023	0.6613
68.1	0.5883	0.4141	0.7516	0.7447	0.7670	0.7683	0.8145	0.6425

68.2	0.4988	0.5478	0.7596	0.8336	0.7619	0.8035	0.8438	0.7237
68.3	0.5171	0.4909	0.8170	0.8220	0.7732	0.7774	0.7768	0.6857
68.4	0.5477	0.4824	0.7870	0.7786	0.7395	0.7340	0.7724	0.5970
68.5	0.5529	0.5138	0.8063	0.8135	0.8158	0.8351	0.8716	0.6959
68.6	0.4941	0.5061	0.7722	0.7947	0.7509	0.8226	0.8857	0.6607
68.7	0.4887	0.5808	0.7689	0.8099	0.7512	0.8043	0.8872	0.6172
68.8	0.5094	0.5597	0.7268	0.7985	0.7673	0.7666	0.8402	0.5456
68.9	0.4537	0.5469	0.6556	0.8080	0.7303	0.7128	0.7960	0.5329
69.0	0.5774	0.5890	0.7350	0.8491	0.7871	0.8019	0.8805	0.6688
69.1	0.6593	0.5699	0.8048	0.8588	0.7932	0.8143	0.9144	0.6725
69.2	0.5548	0.5691	0.7306	0.8195	0.7599	0.7802	0.8863	0.6294
69.3	0.5965	0.5798	0.7125	0.8079	0.7648	0.8252	0.8696	0.6282
69.4	0.5668	0.5233	0.6989	0.8315	0.8140	0.8418	0.8774	0.6406
69.5	0.6808	0.4994	0.7468	0.8718	0.8665	0.8729	0.9223	0.7150
69.6	0.6323	0.5366	0.7642	0.8801	0.8312	0.8708	0.9227	0.6671
69.7	0.5680	0.5850	0.6697	0.8233	0.7689	0.7951	0.8745	0.6083
69.8	0.6326	0.6980	0.7180	0.8644	0.8240	0.8226	0.8645	0.6730
69.9	0.7200	0.7617	0.7104	0.8725	0.8658	0.8789	0.8876	0.7402
70.0	0.7316	0.7155	0.7437	0.8477	0.8367	0.8446	0.8778	0.6407
70.1	0.7055	0.5609	0.6579	0.8192	0.8454	0.8350	0.8736	0.6674
70.2	0.7406	0.5605	0.7155	0.8519	0.8507	0.8472	0.8824	0.7064
70.3	0.5971	0.5235	0.6253	0.8005	0.8514	0.8467	0.8527	0.6786
70.4	0.6478	0.5797	0.6252	0.8270	0.8358	0.8705	0.8879	0.5733
70.5	0.7219	0.7233	0.6740	0.8158	0.8646	0.8805	0.8910	0.6534
70.6	0.7272	0.7776	0.6643	0.8552	0.8592	0.8811	0.8812	0.6647
70.7	0.6885	0.7715	0.7474	0.8451	0.8381	0.8736	0.8546	0.6567
70.8	0.6968	0.7606	0.6764	0.8405	0.8711	0.8963	0.8744	0.7594
70.9	0.6153	0.7330	0.6531	0.8172	0.8260	0.8602	0.8571	0.6346
71.0	0.6071	0.7306	0.6529	0.7948	0.8050	0.8162	0.8394	0.5418
71.1	0.6539	0.7119	0.6137	0.7715	0.8190	0.8224	0.8342	0.6137
71.2	0.6288	0.7329	0.6293	0.8012	0.8445	0.8497	0.8628	0.6051
71.3	0.7017	0.6662	0.5500	0.8130	0.8341	0.8824	0.8775	0.6434
71.4	0.6907	0.6807	0.5657	0.7875	0.8323	0.8798	0.8650	0.6711
71.5	0.6841	0.6422	0.5513	0.8014	0.8379	0.8283	0.8333	0.6449
71.6	0.6481	0.6137	0.6250	0.8186	0.8075	0.8215	0.8077	0.5714
71.7	0.6555	0.6104	0.6366	0.8302	0.8044	0.8443	0.7972	0.6399
71.8	0.7105	0.6553	0.6777	0.8155	0.8439	0.8519	0.8420	0.6673
71.9	0.8269	0.7365	0.7675	0.8599	0.8668	0.8859	0.8712	0.7770
72.0	0.8097	0.7375	0.7451	0.8260	0.8427	0.8930	0.8446	0.7915
72.1	0.7783	0.7404	0.7657	0.8357	0.8463	0.8697	0.8687	0.7806
72.2	0.7576	0.7324	0.7305	0.8070	0.8280	0.8471	0.8620	0.7238
72.3	0.8181	0.8274	0.7537	0.8508	0.8748	0.8917	0.8663	0.7786
72.4	0.8043	0.8042	0.7726	0.8713	0.8567	0.8843	0.8426	0.7123
72.5	0.7730	0.7015	0.6682	0.8255	0.8017	0.8498	0.8447	0.6760
72.6	0.7861	0.8100	0.7732	0.8682	0.8626	0.8910	0.8598	0.8075
72.7	0.8262	0.8566	0.8329	0.9037	0.8907	0.9087	0.8909	0.8469
72.8	0.8376	0.8714	0.8035	0.8909	0.8715	0.8871	0.9010	0.8328
72.9	0.8322	0.8346	0.8106	0.8561	0.8658	0.8709	0.8777	0.8216
73.0	0.8476	0.8504	0.8027	0.8811	0.8640	0.8700	0.8965	0.8324
73.1	0.8632	0.8900	0.8316	0.8860	0.8438	0.8827	0.8949	0.8479
73.2	0.7892	0.8158	0.7924	0.8126	0.8249	0.8617	0.8708	0.7961
73.3	0.8215	0.8096	0.8248	0.8610	0.8691	0.8662	0.8716	0.8418
73.4	0.8574	0.8032	0.7952	0.8781	0.8856	0.8762	0.8556	0.8461
73.5	0.8485	0.8290	0.8463	0.9081	0.8806	0.9022	0.8823	0.8791
73.6	0.8837	0.8575	0.8835	0.9142	0.8811	0.9051	0.9110	0.9052
73.7	0.8724	0.8513	0.8407	0.8930	0.8556	0.8820	0.8941	0.8765
73.8	0.8769	0.8564	0.8515	0.8968	0.8624	0.8916	0.9015	0.8795
73.9	0.8823	0.8701	0.8687	0.9073	0.9049	0.9085	0.9027	0.9121
74.0	0.8721	0.8731	0.8662	0.8927	0.8895	0.8893	0.9137	0.9057
74.1	0.8960	0.8967	0.8902	0.9118	0.8979	0.9092	0.9207	0.9005
74.2	0.9181	0.8998	0.9254	0.9407	0.9167	0.9024	0.9396	0.9226
74.3	0.8982	0.8861	0.9080	0.9202	0.9029	0.8916	0.9298	0.9052
74.4	0.9152	0.9125	0.9286	0.9239	0.9168	0.9236	0.9273	0.9287
74.5	0.9122	0.9175	0.9447	0.9339	0.9413	0.9301	0.9194	0.9399
74.6	0.9102	0.9136	0.9311	0.9188	0.9123	0.9166	0.9042	0.9259
74.7	0.8864	0.8845	0.9012	0.8988	0.8844	0.8615	0.8744	0.9089
74.8	0.9097	0.9037	0.9243	0.9343	0.9066	0.8831	0.9221	0.9305
74.9	0.9318	0.9325	0.9344	0.9551	0.9305	0.9270	0.9457	0.9543
75.0	0.9229	0.9216	0.9346	0.9464	0.9257	0.9332	0.9461	0.9501
75.1	0.9328	0.9119	0.9406	0.9451	0.9186	0.9226	0.9445	0.9481
75.2	0.8726	0.8672	0.9082	0.9213	0.8454	0.8759	0.9040	0.8995
75.3	0.9096	0.9092	0.9358	0.9417	0.8905	0.9048	0.9281	0.9253
75.4	0.9121	0.9289	0.9534	0.9486	0.9314	0.9268	0.9461	0.9465
75.5	0.9015	0.9189	0.9406	0.9455	0.9280	0.9326	0.9490	0.9432
75.6	0.9113	0.9281	0.9480	0.9608	0.9169	0.9065	0.9482	0.9474
75.7	0.9296	0.9318	0.9625	0.9592	0.9268	0.9212	0.9519	0.9456
75.8	0.9370	0.9334	0.9554	0.9526	0.9376	0.9295	0.9559	0.9449
75.9	0.9284	0.9366	0.9401	0.9471	0.9272	0.9056	0.9566	0.9345
76.0	0.9127	0.9243	0.9313	0.9477	0.9136	0.8966	0.9573	0.9318
76.1	0.9011	0.9185	0.9197	0.9413	0.9066	0.9024	0.9552	0.9355
76.2	0.9199	0.9336	0.9354	0.9488	0.9182	0.9201	0.9474	0.9361
76.3	0.9405	0.9434	0.9228	0.9572	0.9299	0.9215	0.9583	0.9396
76.4	0.9355	0.9435	0.9173	0.9568	0.9291	0.9235	0.9547	0.9492
76.5	0.9172	0.9354	0.9093	0.9423	0.9135	0.9098	0.9513	0.9323
76.6	0.9199	0.9493	0.9174	0.9549	0.9439	0.9209	0.9644	0.9293
76.7	0.9283	0.9543	0.9335	0.9502	0.9353	0.9326	0.9559	0.9436

76.8	0.9276	0.9548	0.9347	0.9458	0.9219	0.9219	0.9436	0.9383
76.9	0.8993	0.9544	0.9230	0.9335	0.9090	0.9074	0.9378	0.9240
77.0	0.9077	0.9615	0.9291	0.9478	0.9214	0.9243	0.9550	0.9366
77.1	0.8958	0.9551	0.9400	0.9543	0.9040	0.8775	0.9545	0.9306
77.2	0.8907	0.9516	0.9435	0.9485	0.8932	0.8855	0.9533	0.9310
77.3	0.8924	0.9407	0.9356	0.9494	0.8758	0.8888	0.9358	0.9421
77.4	0.8502	0.9099	0.9381	0.9386	0.8780	0.8771	0.9242	0.9338
77.5	0.8593	0.9259	0.9498	0.9408	0.8462	0.8367	0.9247	0.9267
77.6	0.8802	0.9464	0.9565	0.9500	0.9025	0.8841	0.9419	0.9356
77.7	0.8802	0.9468	0.9595	0.9578	0.9035	0.9028	0.9543	0.9411
77.8	0.8388	0.9316	0.9569	0.9510	0.8691	0.8661	0.9449	0.9239
77.9	0.8396	0.9320	0.9510	0.9510	0.8520	0.8412	0.9310	0.9064
78.0	0.8736	0.9439	0.9507	0.9440	0.8760	0.8768	0.9384	0.9185
78.1	0.8350	0.9407	0.9568	0.9536	0.8452	0.8412	0.9471	0.9144
78.2	0.7263	0.9283	0.9423	0.9468	0.8087	0.8022	0.9393	0.8959
78.3	0.6770	0.9077	0.9564	0.9516	0.8292	0.8257	0.9357	0.8801
78.4	0.7471	0.9171	0.9659	0.9589	0.8723	0.8816	0.9546	0.9078
78.5	0.7757	0.9253	0.9549	0.9629	0.8239	0.8511	0.9529	0.9092
78.6	0.7279	0.9218	0.9536	0.9686	0.7867	0.8186	0.9385	0.8990
78.7	0.7052	0.9407	0.9652	0.9664	0.8164	0.8421	0.9519	0.9041
78.8	0.5577	0.9401	0.9624	0.9529	0.8117	0.8329	0.9582	0.9062
78.9	0.4001	0.9259	0.9685	0.9323	0.7671	0.7706	0.9559	0.9016
79.0	0.3515	0.8920	0.9654	0.9126	0.7183	0.7764	0.9454	0.9129
79.1	0.5708	0.7957	0.9564	0.9132	0.7116	0.7727	0.9213	0.9350
79.2	0.7250	0.8284	0.9649	0.9522	0.7996	0.8261	0.9328	0.9487
79.3	0.7325	0.8558	0.9618	0.9524	0.7995	0.8347	0.9376	0.9381
79.4	0.6921	0.8475	0.9653	0.9541	0.8233	0.8523	0.9371	0.9303
79.5	0.6908	0.8453	0.9602	0.9446	0.7993	0.8136	0.9404	0.9345
79.6	0.5223	0.8623	0.9710	0.9607	0.7808	0.8205	0.9595	0.9388
79.7	0.5824	0.8832	0.9618	0.9494	0.7931	0.8448	0.9518	0.9357
79.8	0.6289	0.8704	0.9689	0.9479	0.7500	0.7955	0.9403	0.9389
79.9	0.6025	0.8821	0.9681	0.9441	0.7393	0.7820	0.9431	0.9248
80.0	0.6111	0.8786	0.9605	0.9237	0.7182	0.7614	0.9322	0.9197

1.2.34 Run 10 – IP270NVP – SF and shaft bending gauges

In-plane shaking at 270° with no vertical shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.7746	0.9930	0.9999	0.9995	0.9999	0.9997	0.9998	0.9999
0.1	0.3463	0.9485	0.9988	0.9974	0.9991	0.9972	0.9987	0.9991
0.2	0.2992	0.2568	0.1472	0.2292	0.4176	0.6901	0.2748	0.3514
0.3	0.7134	0.8263	0.5996	0.7300	0.9327	0.9454	0.8206	0.8416
0.4	0.9634	0.9794	0.9200	0.9588	0.9886	0.9914	0.9667	0.9708
0.5	0.9859	0.9938	0.9826	0.9884	0.9945	0.9938	0.9865	0.9757
0.6	0.9906	0.9947	0.9942	0.9942	0.9913	0.9911	0.9904	0.9713
0.7	0.9848	0.9894	0.9942	0.9957	0.9685	0.9814	0.9677	0.9486
0.8	0.9970	0.9981	0.9969	0.9979	0.9740	0.9756	0.9090	0.9048
0.9	0.9975	0.9987	0.9975	0.9982	0.9578	0.9675	0.8841	0.8916
1.0	0.9969	0.9987	0.9980	0.9983	0.9887	0.9907	0.9701	0.9708
1.1	0.9982	0.9995	0.9992	0.9993	0.9994	0.9995	0.9984	0.9984
1.2	0.9976	0.9993	0.9990	0.9991	0.9997	0.9998	0.9994	0.9993
1.3	0.9963	0.9988	0.9986	0.9988	0.9999	0.9998	0.9995	0.9995
1.4	0.9944	0.9956	0.9985	0.9986	0.9999	0.9999	0.9997	0.9998
1.5	0.9924	0.9888	0.9975	0.9976	1.0000	1.0000	0.9999	0.9999
1.6	0.9920	0.9929	0.9973	0.9974	1.0000	1.0000	0.9999	0.9999
1.7	0.9874	0.9916	0.9937	0.9938	0.9999	0.9999	0.9999	0.9999
1.8	0.9670	0.9705	0.9771	0.9780	0.9997	0.9997	0.9997	0.9997
1.9	0.9363	0.9378	0.9509	0.9535	0.9993	0.9993	0.9994	0.9994
2.0	0.8493	0.8545	0.8887	0.8957	0.9992	0.9991	0.9992	0.9994
2.1	0.8835	0.8984	0.9248	0.9322	0.9997	0.9996	0.9997	0.9997
2.2	0.9033	0.9271	0.9505	0.9558	0.9998	0.9998	0.9997	0.9998
2.3	0.9389	0.9612	0.9754	0.9773	0.9997	0.9998	0.9998	0.9998
2.4	0.9621	0.9802	0.9864	0.9878	0.9995	0.9998	0.9998	0.9998
2.5	0.9749	0.9904	0.9918	0.9928	0.9998	1.0000	0.9999	0.9999
2.6	0.9882	0.9953	0.9961	0.9966	1.0000	1.0000	1.0000	1.0000
2.7	0.9913	0.9967	0.9971	0.9975	1.0000	1.0000	1.0000	1.0000
2.8	0.9938	0.9978	0.9979	0.9982	1.0000	1.0000	1.0000	1.0000
2.9	0.9952	0.9983	0.9984	0.9985	1.0000	1.0000	1.0000	1.0000
3.0	0.9971	0.9990	0.9991	0.9991	1.0000	1.0000	1.0000	1.0000
3.1	0.9972	0.9990	0.9990	0.9991	1.0000	1.0000	1.0000	1.0000
3.2	0.9983	0.9995	0.9994	0.9995	1.0000	1.0000	1.0000	1.0000
3.3	0.9981	0.9994	0.9993	0.9994	1.0000	1.0000	1.0000	1.0000
3.4	0.9983	0.9995	0.9994	0.9995	1.0000	1.0000	1.0000	1.0000
3.5	0.9984	0.9995	0.9994	0.9995	1.0000	1.0000	1.0000	1.0000
3.6	0.9990	0.9997	0.9996	0.9997	1.0000	1.0000	1.0000	1.0000
3.7	0.9993	0.9998	0.9997	0.9998	1.0000	1.0000	1.0000	1.0000
3.8	0.9989	0.9996	0.9996	0.9996	1.0000	1.0000	1.0000	1.0000
3.9	0.9991	0.9997	0.9997	0.9997	1.0000	1.0000	1.0000	1.0000
4.0	0.9990	0.9997	0.9996	0.9997	1.0000	1.0000	1.0000	1.0000
4.1	0.9991	0.9997	0.9997	0.9997	1.0000	1.0000	1.0000	1.0000
4.2	0.9992	0.9997	0.9997	0.9998	1.0000	1.0000	1.0000	1.0000
4.3	0.9995	0.9998	0.9998	0.9999	1.0000	1.0000	1.0000	1.0000
4.4	0.9996	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
4.5	0.9996	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
4.6	0.9996	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
4.7	0.9997	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
4.8	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
4.9	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.0	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.1	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.2	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.3	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.4	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.5	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.6	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.7	0.9997	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
5.8	0.9997	0.9998	0.9998	0.9998	1.0000	1.0000	1.0000	1.0000
5.9	0.9996	0.9998	0.9999	0.9998	1.0000	1.0000	1.0000	1.0000
6.0	0.9995	0.9997	0.9998	0.9998	1.0000	1.0000	1.0000	1.0000
6.1	0.9996	0.9998	0.9999	0.9998	1.0000	1.0000	1.0000	1.0000
6.2	0.9997	0.9998	0.9999	0.9998	1.0000	1.0000	1.0000	1.0000
6.3	0.9997	0.9998	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
6.4	0.9997	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
6.5	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
6.6	0.9997	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
6.7	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
6.8	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
6.9	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
7.0	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	1.0000
7.1	0.9998	0.9999	0.9999	0.9998	1.0000	1.0000	1.0000	1.0000
7.2	0.9999	0.9999	0.9999	0.9998	1.0000	1.0000	1.0000	1.0000
7.3	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	1.0000
7.4	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	1.0000
7.5	0.9998	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
7.6	0.9999	0.9999	0.9999	0.9999	1.0000	1.0000	1.0000	1.0000
7.7	0.9999	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	1.0000
7.8	0.9999	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	1.0000
7.9	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	1.0000

8.0	0.9999	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	0.9999
8.1	0.9999	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	0.9999
8.2	0.9999	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	1.0000
8.3	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
8.4	0.9999	0.9999	0.9999	0.9999	1.0000	1.0000	0.9999	1.0000
8.5	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
8.6	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
8.7	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	1.0000
8.8	0.9999	1.0000	0.9999	0.9999	0.9999	1.0000	0.9998	0.9999
8.9	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9998	0.9999
9.0	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
9.1	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9998	0.9999
9.2	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
9.3	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
9.4	0.9999	0.9999	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
9.5	0.9998	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
9.6	0.9999	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
9.7	0.9998	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
9.8	0.9998	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
9.9	0.9998	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
10.0	0.9997	0.9997	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
10.1	0.9998	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	1.0000
10.2	0.9998	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	1.0000
10.3	0.9998	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	1.0000
10.4	0.9997	0.9996	0.9997	0.9998	0.9999	1.0000	0.9999	0.9999
10.5	0.9997	0.9997	0.9997	0.9998	0.9999	1.0000	0.9999	1.0000
10.6	0.9997	0.9997	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
10.7	0.9996	0.9996	0.9997	0.9998	0.9999	1.0000	0.9999	0.9999
10.8	0.9996	0.9996	0.9997	0.9997	0.9999	1.0000	0.9999	0.9999
10.9	0.9996	0.9996	0.9997	0.9998	0.9999	1.0000	0.9999	0.9999
11.0	0.9998	0.9996	0.9998	0.9998	0.9999	1.0000	0.9999	1.0000
11.1	0.9997	0.9995	0.9997	0.9998	0.9998	1.0000	0.9997	0.9999
11.2	0.9996	0.9993	0.9996	0.9997	0.9997	1.0000	0.9996	0.9999
11.3	0.9997	0.9997	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
11.4	0.9997	0.9996	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
11.5	0.9998	0.9998	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
11.6	0.9997	0.9997	0.9998	0.9998	0.9998	1.0000	0.9997	0.9999
11.7	0.9997	0.9997	0.9998	0.9998	0.9999	1.0000	0.9998	0.9999
11.8	0.9998	0.9998	0.9999	0.9999	0.9999	1.0000	0.9998	0.9999
11.9	0.9998	0.9998	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
12.0	0.9998	0.9999	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
12.1	0.9998	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
12.2	0.9998	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
12.3	0.9997	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
12.4	0.9997	0.9997	0.9997	0.9998	0.9999	0.9999	0.9999	0.9998
12.5	0.9997	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9998
12.6	0.9998	0.9998	0.9999	0.9999	0.9999	1.0000	0.9999	0.9999
12.7	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9998
12.8	0.9998	0.9997	0.9998	0.9998	0.9999	0.9999	0.9999	0.9998
12.9	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9998
13.0	0.9999	0.9997	0.9999	0.9999	0.9999	0.9999	0.9999	0.9997
13.1	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9999	0.9998
13.2	0.9998	0.9998	0.9999	0.9998	0.9999	0.9999	0.9999	0.9999
13.3	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9999
13.4	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
13.5	0.9998	0.9997	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
13.6	0.9998	0.9997	0.9998	0.9998	0.9999	0.9999	0.9999	0.9998
13.7	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
13.8	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
13.9	0.9998	0.9998	0.9998	0.9999	0.9999	1.0000	0.9999	0.9999
14.0	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
14.1	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
14.2	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
14.3	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999
14.4	0.9998	0.9998	0.9998	0.9998	0.9999	0.9999	0.9998	0.9999
14.5	0.9997	0.9997	0.9997	0.9997	0.9999	0.9999	0.9998	0.9999
14.6	0.9997	0.9997	0.9997	0.9997	0.9999	0.9999	0.9999	0.9999
14.7	0.9996	0.9997	0.9998	0.9997	0.9999	0.9999	0.9998	0.9999
14.8	0.9998	0.9998	0.9998	0.9998	0.9999	1.0000	0.9999	0.9999
14.9	0.9997	0.9997	0.9998	0.9997	0.9999	0.9999	0.9999	0.9999
15.0	0.9996	0.9995	0.9997	0.9996	0.9999	0.9999	0.9998	0.9999
15.1	0.9995	0.9994	0.9996	0.9995	0.9998	0.9999	0.9999	0.9999
15.2	0.9996	0.9995	0.9996	0.9996	0.9998	0.9999	0.9999	0.9999
15.3	0.9995	0.9995	0.9996	0.9996	0.9998	0.9999	0.9998	0.9999
15.4	0.9996	0.9996	0.9996	0.9996	0.9999	0.9999	0.9998	0.9999
15.5	0.9996	0.9996	0.9996	0.9997	0.9999	0.9999	0.9999	0.9999
15.6	0.9995	0.9995	0.9995	0.9995	0.9998	0.9999	0.9998	0.9999
15.7	0.9995	0.9994	0.9995	0.9995	0.9998	0.9999	0.9998	0.9998
15.8	0.9994	0.9995	0.9995	0.9995	0.9999	0.9998	0.9998	0.9998
15.9	0.9993	0.9994	0.9994	0.9994	0.9998	0.9998	0.9998	0.9998
16.0	0.9994	0.9995	0.9995	0.9995	0.9998	0.9999	0.9998	0.9998
16.1	0.9991	0.9992	0.9993	0.9993	0.9998	0.9998	0.9998	0.9998
16.2	0.9991	0.9992	0.9993	0.9993	0.9998	0.9998	0.9998	0.9998
16.3	0.9985	0.9986	0.9987	0.9988	0.9997	0.9997	0.9997	0.9997
16.4	0.9989	0.9989	0.9990	0.9991	0.9998	0.9998	0.9998	0.9998
16.5	0.9990	0.9990	0.9991	0.9992	0.9998	0.9999	0.9998	0.9998

16.6	0.9987	0.9989	0.9989	0.9991	0.9998	0.9998	0.9998	0.9998
16.7	0.9991	0.9992	0.9992	0.9993	0.9998	0.9998	0.9998	0.9998
16.8	0.9983	0.9983	0.9986	0.9985	0.9997	0.9997	0.9996	0.9997
16.9	0.9978	0.9980	0.9981	0.9982	0.9996	0.9996	0.9996	0.9996
17.0	0.9983	0.9984	0.9985	0.9986	0.9997	0.9997	0.9997	0.9997
17.1	0.9971	0.9972	0.9974	0.9975	0.9996	0.9995	0.9996	0.9995
17.2	0.9975	0.9974	0.9976	0.9978	0.9995	0.9994	0.9996	0.9994
17.3	0.9975	0.9975	0.9976	0.9978	0.9995	0.9995	0.9996	0.9994
17.4	0.9988	0.9989	0.9989	0.9990	0.9997	0.9997	0.9997	0.9997
17.5	0.9988	0.9988	0.9989	0.9989	0.9996	0.9997	0.9996	0.9997
17.6	0.9987	0.9987	0.9988	0.9988	0.9996	0.9997	0.9996	0.9997
17.7	0.9985	0.9985	0.9987	0.9987	0.9997	0.9997	0.9997	0.9997
17.8	0.9988	0.9988	0.9990	0.9990	0.9997	0.9998	0.9998	0.9998
17.9	0.9992	0.9992	0.9993	0.9992	0.9998	0.9998	0.9998	0.9998
18.0	0.9993	0.9993	0.9994	0.9994	0.9998	0.9998	0.9998	0.9998
18.1	0.9991	0.9992	0.9992	0.9993	0.9997	0.9997	0.9997	0.9997
18.2	0.9994	0.9994	0.9995	0.9995	0.9997	0.9998	0.9998	0.9998
18.3	0.9992	0.9992	0.9993	0.9993	0.9997	0.9998	0.9997	0.9997
18.4	0.9985	0.9986	0.9988	0.9987	0.9996	0.9996	0.9996	0.9996
18.5	0.9990	0.9991	0.9992	0.9992	0.9997	0.9997	0.9997	0.9997
18.6	0.9989	0.9991	0.9991	0.9991	0.9997	0.9997	0.9997	0.9997
18.7	0.9990	0.9990	0.9991	0.9991	0.9998	0.9997	0.9997	0.9996
18.8	0.9989	0.9988	0.9990	0.9990	0.9997	0.9996	0.9997	0.9996
18.9	0.9991	0.9991	0.9992	0.9993	0.9997	0.9997	0.9997	0.9997
19.0	0.9990	0.9991	0.9991	0.9992	0.9997	0.9997	0.9997	0.9997
19.1	0.9986	0.9986	0.9988	0.9988	0.9995	0.9995	0.9994	0.9995
19.2	0.9986	0.9985	0.9987	0.9987	0.9996	0.9996	0.9996	0.9995
19.3	0.9976	0.9976	0.9979	0.9980	0.9994	0.9993	0.9994	0.9993
19.4	0.9979	0.9980	0.9982	0.9982	0.9994	0.9994	0.9994	0.9994
19.5	0.9982	0.9980	0.9983	0.9984	0.9994	0.9994	0.9995	0.9994
19.6	0.9984	0.9983	0.9985	0.9986	0.9994	0.9995	0.9995	0.9994
19.7	0.9985	0.9986	0.9987	0.9987	0.9995	0.9995	0.9995	0.9995
19.8	0.9974	0.9971	0.9975	0.9975	0.9992	0.9992	0.9992	0.9992
19.9	0.9969	0.9968	0.9972	0.9972	0.9989	0.9991	0.9990	0.9990
20.0	0.9957	0.9953	0.9960	0.9961	0.9987	0.9986	0.9988	0.9986
20.1	0.9947	0.9939	0.9949	0.9948	0.9984	0.9982	0.9984	0.9983
20.2	0.9948	0.9940	0.9949	0.9950	0.9986	0.9983	0.9986	0.9983
20.3	0.9962	0.9952	0.9961	0.9962	0.9988	0.9986	0.9987	0.9986
20.4	0.9945	0.9933	0.9945	0.9945	0.9981	0.9981	0.9983	0.9982
20.5	0.9947	0.9937	0.9947	0.9948	0.9983	0.9982	0.9985	0.9982
20.6	0.9940	0.9927	0.9939	0.9939	0.9983	0.9979	0.9982	0.9980
20.7	0.9953	0.9946	0.9954	0.9954	0.9984	0.9983	0.9985	0.9983
20.8	0.9940	0.9931	0.9941	0.9941	0.9980	0.9977	0.9981	0.9977
20.9	0.9967	0.9960	0.9967	0.9967	0.9990	0.9987	0.9990	0.9986
21.0	0.9948	0.9941	0.9949	0.9950	0.9983	0.9981	0.9984	0.9981
21.1	0.9938	0.9933	0.9940	0.9941	0.9978	0.9975	0.9978	0.9976
21.2	0.9932	0.9930	0.9936	0.9936	0.9976	0.9972	0.9976	0.9972
21.3	0.9935	0.9936	0.9939	0.9940	0.9972	0.9968	0.9972	0.9968
21.4	0.9950	0.9953	0.9954	0.9954	0.9977	0.9973	0.9977	0.9973
21.5	0.9943	0.9950	0.9949	0.9949	0.9974	0.9969	0.9974	0.9969
21.6	0.9925	0.9935	0.9933	0.9933	0.9969	0.9960	0.9967	0.9960
21.7	0.9926	0.9938	0.9934	0.9934	0.9961	0.9955	0.9960	0.9956
21.8	0.9916	0.9926	0.9923	0.9923	0.9955	0.9951	0.9958	0.9953
21.9	0.9924	0.9933	0.9930	0.9930	0.9959	0.9951	0.9960	0.9952
22.0	0.9917	0.9926	0.9923	0.9922	0.9948	0.9950	0.9954	0.9952
22.1	0.9934	0.9944	0.9939	0.9938	0.9955	0.9954	0.9959	0.9955
22.2	0.9939	0.9949	0.9943	0.9943	0.9956	0.9948	0.9957	0.9947
22.3	0.9952	0.9960	0.9955	0.9955	0.9962	0.9957	0.9964	0.9958
22.4	0.9943	0.9951	0.9945	0.9945	0.9962	0.9955	0.9963	0.9958
22.5	0.9952	0.9961	0.9955	0.9955	0.9968	0.9962	0.9971	0.9964
22.6	0.9971	0.9976	0.9972	0.9972	0.9980	0.9971	0.9980	0.9971
22.7	0.9973	0.9978	0.9974	0.9974	0.9979	0.9969	0.9978	0.9967
22.8	0.9964	0.9970	0.9965	0.9964	0.9974	0.9962	0.9973	0.9961
22.9	0.9962	0.9971	0.9966	0.9965	0.9974	0.9963	0.9972	0.9962
23.0	0.9968	0.9977	0.9972	0.9971	0.9984	0.9974	0.9982	0.9972
23.1	0.9959	0.9967	0.9963	0.9961	0.9978	0.9972	0.9977	0.9971
23.2	0.9952	0.9959	0.9956	0.9954	0.9967	0.9951	0.9963	0.9949
23.3	0.9954	0.9964	0.9955	0.9954	0.9950	0.9933	0.9943	0.9931
23.4	0.9956	0.9963	0.9957	0.9957	0.9962	0.9940	0.9953	0.9938
23.5	0.9964	0.9967	0.9962	0.9962	0.9956	0.9935	0.9947	0.9933
23.6	0.9963	0.9966	0.9960	0.9960	0.9947	0.9931	0.9940	0.9927
23.7	0.9971	0.9972	0.9969	0.9968	0.9951	0.9931	0.9943	0.9928
23.8	0.9972	0.9973	0.9970	0.9969	0.9959	0.9947	0.9953	0.9946
23.9	0.9971	0.9973	0.9966	0.9964	0.9945	0.9924	0.9936	0.9920
24.0	0.9982	0.9982	0.9979	0.9978	0.9961	0.9940	0.9954	0.9936
24.1	0.9983	0.9982	0.9980	0.9980	0.9968	0.9961	0.9965	0.9958
24.2	0.9979	0.9980	0.9974	0.9975	0.9956	0.9940	0.9952	0.9936
24.3	0.9983	0.9982	0.9977	0.9977	0.9953	0.9921	0.9943	0.9914
24.4	0.9988	0.9987	0.9985	0.9985	0.9970	0.9944	0.9963	0.9937
24.5	0.9985	0.9984	0.9981	0.9981	0.9959	0.9943	0.9956	0.9938
24.6	0.9985	0.9983	0.9981	0.9981	0.9959	0.9945	0.9956	0.9941
24.7	0.9985	0.9984	0.9981	0.9981	0.9950	0.9929	0.9945	0.9921
24.8	0.9984	0.9984	0.9981	0.9981	0.9945	0.9923	0.9937	0.9912
24.9	0.9982	0.9981	0.9979	0.9978	0.9944	0.9919	0.9939	0.9907
25.0	0.9988	0.9988	0.9986	0.9985	0.9946	0.9934	0.9942	0.9923
25.1	0.9992	0.9992	0.9991	0.9991	0.9962	0.9962	0.9962	0.9956

25.2	0.9991	0.9990	0.9989	0.9989	0.9956	0.9948	0.9955	0.9943
25.3	0.9990	0.9989	0.9987	0.9986	0.9924	0.9920	0.9924	0.9910
25.4	0.9993	0.9992	0.9991	0.9990	0.9924	0.9945	0.9924	0.9942
25.5	0.9992	0.9991	0.9990	0.9989	0.9914	0.9928	0.9914	0.9924
25.6	0.9992	0.9991	0.9990	0.9989	0.9909	0.9919	0.9912	0.9908
25.7	0.9992	0.9990	0.9989	0.9987	0.9891	0.9877	0.9890	0.9861
25.8	0.9994	0.9994	0.9993	0.9992	0.9940	0.9902	0.9939	0.9884
25.9	0.9993	0.9992	0.9991	0.9990	0.9905	0.9865	0.9906	0.9838
26.0	0.9992	0.9991	0.9989	0.9987	0.9921	0.9780	0.9919	0.9703
26.1	0.9992	0.9991	0.9989	0.9987	0.9940	0.9652	0.9934	0.9502
26.2	0.9993	0.9993	0.9991	0.9989	0.9961	0.9690	0.9954	0.9572
26.3	0.9992	0.9991	0.9989	0.9987	0.9959	0.9673	0.9951	0.9581
26.4	0.9992	0.9991	0.9989	0.9987	0.9949	0.9645	0.9937	0.9588
26.5	0.9992	0.9991	0.9987	0.9985	0.9933	0.9638	0.9921	0.9610
26.6	0.9991	0.9990	0.9986	0.9983	0.9937	0.9703	0.9922	0.9688
26.7	0.9991	0.9991	0.9987	0.9984	0.9942	0.9786	0.9929	0.9786
26.8	0.9994	0.9994	0.9991	0.9989	0.9952	0.9857	0.9943	0.9858
26.9	0.9991	0.9991	0.9985	0.9981	0.9917	0.9734	0.9897	0.9737
27.0	0.9988	0.9989	0.9978	0.9974	0.9888	0.9727	0.9868	0.9734
27.1	0.9990	0.9990	0.9982	0.9976	0.9901	0.9751	0.9881	0.9752
27.2	0.9988	0.9989	0.9977	0.9972	0.9884	0.9779	0.9869	0.9788
27.3	0.9981	0.9982	0.9962	0.9951	0.9831	0.9704	0.9810	0.9709
27.4	0.9983	0.9982	0.9966	0.9956	0.9850	0.9780	0.9836	0.9783
27.5	0.9984	0.9984	0.9966	0.9955	0.9859	0.9804	0.9849	0.9808
27.6	0.9981	0.9979	0.9955	0.9942	0.9792	0.9749	0.9784	0.9753
27.7	0.9985	0.9983	0.9965	0.9957	0.9834	0.9803	0.9830	0.9803
27.8	0.9985	0.9985	0.9962	0.9953	0.9819	0.9773	0.9810	0.9769
27.9	0.9987	0.9989	0.9968	0.9959	0.9861	0.9829	0.9857	0.9826
28.0	0.9983	0.9986	0.9959	0.9947	0.9798	0.9749	0.9791	0.9743
28.1	0.9983	0.9986	0.9963	0.9954	0.9811	0.9761	0.9805	0.9752
28.2	0.9986	0.9987	0.9973	0.9966	0.9849	0.9809	0.9842	0.9799
28.3	0.9986	0.9986	0.9969	0.9962	0.9789	0.9741	0.9785	0.9726
28.4	0.9983	0.9981	0.9969	0.9964	0.9796	0.9753	0.9794	0.9736
28.5	0.9992	0.9990	0.9986	0.9984	0.9897	0.9871	0.9897	0.9861
28.6	0.9992	0.9992	0.9988	0.9986	0.9897	0.9859	0.9894	0.9844
28.7	0.9994	0.9994	0.9992	0.9991	0.9921	0.9897	0.9918	0.9886
28.8	0.9994	0.9994	0.9992	0.9990	0.9920	0.9883	0.9917	0.9870
28.9	0.9996	0.9996	0.9996	0.9995	0.9941	0.9911	0.9939	0.9898
29.0	0.9997	0.9995	0.9996	0.9995	0.9944	0.9913	0.9941	0.9899
29.1	0.9994	0.9995	0.9994	0.9994	0.9943	0.9909	0.9941	0.9894
29.2	0.9996	0.9997	0.9997	0.9996	0.9956	0.9932	0.9955	0.9918
29.3	0.9997	0.9998	0.9997	0.9997	0.9971	0.9954	0.9971	0.9946
29.4	0.9995	0.9996	0.9996	0.9996	0.9951	0.9928	0.9953	0.9916
29.5	0.9995	0.9996	0.9996	0.9996	0.9948	0.9919	0.9948	0.9901
29.6	0.9994	0.9997	0.9996	0.9996	0.9960	0.9940	0.9961	0.9928
29.7	0.9994	0.9996	0.9996	0.9996	0.9962	0.9945	0.9962	0.9932
29.8	0.9994	0.9996	0.9996	0.9996	0.9964	0.9952	0.9966	0.9939
29.9	0.9995	0.9997	0.9997	0.9997	0.9958	0.9949	0.9962	0.9938
30.0	0.9995	0.9997	0.9997	0.9997	0.9961	0.9942	0.9963	0.9926
30.1	0.9997	0.9997	0.9998	0.9998	0.9971	0.9953	0.9972	0.9937
30.2	0.9996	0.9997	0.9997	0.9997	0.9968	0.9952	0.9969	0.9936
30.3	0.9996	0.9997	0.9997	0.9997	0.9963	0.9950	0.9965	0.9938
30.4	0.9996	0.9997	0.9998	0.9997	0.9961	0.9946	0.9963	0.9932
30.5	0.9995	0.9997	0.9997	0.9997	0.9964	0.9948	0.9964	0.9932
30.6	0.9996	0.9997	0.9998	0.9997	0.9959	0.9941	0.9960	0.9926
30.7	0.9992	0.9994	0.9995	0.9994	0.9956	0.9923	0.9955	0.9897
30.8	0.9993	0.9994	0.9995	0.9995	0.9952	0.9919	0.9953	0.9891
30.9	0.9991	0.9995	0.9995	0.9995	0.9967	0.9945	0.9969	0.9930
31.0	0.9989	0.9995	0.9995	0.9995	0.9946	0.9920	0.9952	0.9909
31.1	0.9983	0.9992	0.9992	0.9991	0.9924	0.9901	0.9935	0.9883
31.2	0.9976	0.9988	0.9988	0.9986	0.9923	0.9897	0.9928	0.9867
31.3	0.9977	0.9988	0.9988	0.9987	0.9909	0.9894	0.9914	0.9869
31.4	0.9977	0.9989	0.9988	0.9987	0.9946	0.9935	0.9943	0.9911
31.5	0.9970	0.9987	0.9986	0.9984	0.9881	0.9883	0.9895	0.9867
31.6	0.9975	0.9989	0.9988	0.9986	0.9909	0.9924	0.9927	0.9914
31.7	0.9978	0.9990	0.9989	0.9987	0.9939	0.9948	0.9945	0.9942
31.8	0.9972	0.9988	0.9985	0.9984	0.9930	0.9936	0.9934	0.9925
31.9	0.9973	0.9986	0.9985	0.9984	0.9916	0.9923	0.9923	0.9911
32.0	0.9951	0.9974	0.9971	0.9970	0.9890	0.9900	0.9894	0.9877
32.1	0.9954	0.9977	0.9974	0.9972	0.9912	0.9925	0.9917	0.9909
32.2	0.9943	0.9972	0.9967	0.9965	0.9887	0.9910	0.9895	0.9893
32.3	0.9929	0.9958	0.9956	0.9955	0.9836	0.9878	0.9850	0.9859
32.4	0.9939	0.9969	0.9965	0.9963	0.9919	0.9935	0.9916	0.9916
32.5	0.9907	0.9944	0.9942	0.9938	0.9888	0.9898	0.9878	0.9867
32.6	0.9894	0.9939	0.9930	0.9924	0.9911	0.9913	0.9898	0.9878
32.7	0.9898	0.9931	0.9929	0.9923	0.9915	0.9918	0.9911	0.9889
32.8	0.9896	0.9915	0.9920	0.9912	0.9924	0.9923	0.9900	0.9882
32.9	0.9887	0.9908	0.9914	0.9903	0.9910	0.9911	0.9886	0.9875
33.0	0.9898	0.9911	0.9917	0.9907	0.9923	0.9927	0.9904	0.9896
33.1	0.9891	0.9906	0.9912	0.9899	0.9901	0.9909	0.9887	0.9876
33.2	0.9901	0.9905	0.9915	0.9900	0.9895	0.9904	0.9884	0.9872
33.3	0.9874	0.9882	0.9890	0.9871	0.9862	0.9872	0.9846	0.9828
33.4	0.9868	0.9852	0.9879	0.9848	0.9851	0.9853	0.9813	0.9785
33.5	0.9869	0.9856	0.9880	0.9857	0.9856	0.9847	0.9796	0.9751
33.6	0.9795	0.9809	0.9820	0.9788	0.9811	0.9805	0.9726	0.9675
33.7	0.9823	0.9834	0.9842	0.9815	0.9830	0.9829	0.9731	0.9690

33.8	0.9894	0.9899	0.9905	0.9890	0.9872	0.9884	0.9813	0.9795
33.9	0.9893	0.9881	0.9893	0.9880	0.9885	0.9897	0.9794	0.9787
34.0	0.9898	0.9887	0.9899	0.9883	0.9906	0.9914	0.9821	0.9816
34.1	0.9896	0.9889	0.9901	0.9887	0.9875	0.9880	0.9785	0.9768
34.2	0.9920	0.9913	0.9921	0.9914	0.9879	0.9891	0.9815	0.9809
34.3	0.9935	0.9937	0.9943	0.9935	0.9905	0.9911	0.9854	0.9842
34.4	0.9943	0.9950	0.9951	0.9947	0.9934	0.9939	0.9901	0.9900
34.5	0.9964	0.9967	0.9970	0.9967	0.9950	0.9951	0.9934	0.9929
34.6	0.9951	0.9957	0.9958	0.9955	0.9944	0.9946	0.9922	0.9913
34.7	0.9946	0.9961	0.9960	0.9956	0.9931	0.9935	0.9912	0.9910
34.8	0.9970	0.9973	0.9975	0.9973	0.9961	0.9967	0.9957	0.9958
34.9	0.9953	0.9967	0.9964	0.9963	0.9962	0.9959	0.9949	0.9942
35.0	0.9960	0.9972	0.9971	0.9969	0.9966	0.9964	0.9959	0.9955
35.1	0.9953	0.9964	0.9966	0.9963	0.9965	0.9964	0.9957	0.9956
35.2	0.9951	0.9965	0.9965	0.9961	0.9963	0.9960	0.9959	0.9953
35.3	0.9962	0.9977	0.9979	0.9976	0.9969	0.9963	0.9968	0.9958
35.4	0.9958	0.9981	0.9981	0.9978	0.9968	0.9961	0.9968	0.9959
35.5	0.9958	0.9978	0.9980	0.9978	0.9976	0.9968	0.9974	0.9965
35.6	0.9957	0.9972	0.9978	0.9975	0.9973	0.9965	0.9972	0.9961
35.7	0.9967	0.9979	0.9982	0.9981	0.9980	0.9976	0.9980	0.9973
35.8	0.9969	0.9977	0.9979	0.9978	0.9983	0.9980	0.9981	0.9976
35.9	0.9960	0.9973	0.9975	0.9974	0.9983	0.9981	0.9978	0.9975
36.0	0.9961	0.9975	0.9975	0.9976	0.9984	0.9982	0.9979	0.9976
36.1	0.9920	0.9955	0.9951	0.9951	0.9974	0.9982	0.9964	0.9973
36.2	0.9921	0.9964	0.9955	0.9955	0.9970	0.9975	0.9961	0.9965
36.3	0.9938	0.9975	0.9966	0.9966	0.9975	0.9981	0.9971	0.9973
36.4	0.9926	0.9973	0.9966	0.9966	0.9973	0.9979	0.9971	0.9975
36.5	0.9916	0.9963	0.9957	0.9958	0.9969	0.9977	0.9965	0.9972
36.6	0.9922	0.9973	0.9965	0.9966	0.9976	0.9979	0.9974	0.9973
36.7	0.9925	0.9981	0.9979	0.9980	0.9980	0.9983	0.9981	0.9982
36.8	0.9902	0.9974	0.9972	0.9974	0.9976	0.9981	0.9976	0.9979
36.9	0.9861	0.9951	0.9954	0.9955	0.9969	0.9973	0.9966	0.9967
37.0	0.9873	0.9952	0.9960	0.9963	0.9973	0.9976	0.9971	0.9972
37.1	0.9874	0.9961	0.9963	0.9966	0.9977	0.9980	0.9974	0.9976
37.2	0.9873	0.9953	0.9966	0.9967	0.9981	0.9982	0.9978	0.9979
37.3	0.9850	0.9951	0.9959	0.9962	0.9978	0.9982	0.9973	0.9978
37.4	0.9827	0.9954	0.9959	0.9960	0.9976	0.9981	0.9973	0.9978
37.5	0.9824	0.9958	0.9958	0.9961	0.9977	0.9980	0.9973	0.9977
37.6	0.9756	0.9936	0.9927	0.9934	0.9965	0.9971	0.9958	0.9966
37.7	0.9829	0.9956	0.9954	0.9957	0.9981	0.9983	0.9977	0.9980
37.8	0.9829	0.9954	0.9960	0.9962	0.9983	0.9985	0.9980	0.9983
37.9	0.9822	0.9964	0.9958	0.9962	0.9981	0.9985	0.9978	0.9983
38.0	0.9824	0.9969	0.9962	0.9964	0.9984	0.9985	0.9981	0.9983
38.1	0.9830	0.9959	0.9955	0.9956	0.9985	0.9984	0.9983	0.9980
38.2	0.9854	0.9958	0.9951	0.9952	0.9983	0.9982	0.9981	0.9978
38.3	0.9843	0.9960	0.9939	0.9940	0.9981	0.9979	0.9978	0.9974
38.4	0.9873	0.9965	0.9955	0.9956	0.9984	0.9984	0.9982	0.9980
38.5	0.9885	0.9968	0.9960	0.9962	0.9984	0.9987	0.9984	0.9987
38.6	0.9885	0.9973	0.9960	0.9963	0.9984	0.9988	0.9984	0.9987
38.7	0.9884	0.9973	0.9962	0.9963	0.9988	0.9987	0.9989	0.9984
38.8	0.9858	0.9962	0.9941	0.9943	0.9980	0.9983	0.9980	0.9980
38.9	0.9877	0.9974	0.9958	0.9960	0.9986	0.9988	0.9986	0.9987
39.0	0.9883	0.9973	0.9962	0.9963	0.9988	0.9989	0.9988	0.9987
39.1	0.9880	0.9969	0.9960	0.9964	0.9990	0.9990	0.9990	0.9987
39.2	0.9830	0.9963	0.9942	0.9946	0.9984	0.9985	0.9985	0.9982
39.3	0.9876	0.9969	0.9954	0.9956	0.9986	0.9988	0.9986	0.9985
39.4	0.9897	0.9964	0.9961	0.9960	0.9987	0.9990	0.9988	0.9988
39.5	0.9897	0.9962	0.9963	0.9962	0.9990	0.9991	0.9991	0.9988
39.6	0.9865	0.9960	0.9964	0.9966	0.9989	0.9991	0.9990	0.9989
39.7	0.9867	0.9957	0.9966	0.9966	0.9991	0.9990	0.9992	0.9987
39.8	0.9866	0.9969	0.9962	0.9961	0.9993	0.9991	0.9995	0.9987
39.9	0.9894	0.9973	0.9960	0.9958	0.9992	0.9992	0.9994	0.9989
40.0	0.9912	0.9962	0.9964	0.9966	0.9989	0.9992	0.9991	0.9989
40.1	0.9868	0.9962	0.9953	0.9954	0.9989	0.9990	0.9992	0.9985
40.2	0.9854	0.9970	0.9950	0.9948	0.9991	0.9990	0.9992	0.9985
40.3	0.9864	0.9961	0.9946	0.9948	0.9991	0.9988	0.9992	0.9983
40.4	0.9857	0.9965	0.9949	0.9950	0.9992	0.9990	0.9995	0.9985
40.5	0.9879	0.9975	0.9951	0.9957	0.9994	0.9991	0.9995	0.9987
40.6	0.9840	0.9967	0.9942	0.9948	0.9991	0.9992	0.9993	0.9987
40.7	0.9775	0.9959	0.9929	0.9930	0.9989	0.9991	0.9991	0.9986
40.8	0.9823	0.9959	0.9941	0.9946	0.9992	0.9991	0.9994	0.9985
40.9	0.9819	0.9966	0.9939	0.9941	0.9993	0.9990	0.9995	0.9984
41.0	0.9670	0.9944	0.9905	0.9913	0.9992	0.9986	0.9994	0.9976
41.1	0.9723	0.9951	0.9921	0.9926	0.9993	0.9989	0.9994	0.9981
41.2	0.9722	0.9952	0.9918	0.9928	0.9993	0.9990	0.9994	0.9982
41.3	0.9626	0.9944	0.9898	0.9916	0.9990	0.9989	0.9993	0.9979
41.4	0.9720	0.9950	0.9917	0.9928	0.9991	0.9991	0.9993	0.9985
41.5	0.9630	0.9947	0.9912	0.9913	0.9989	0.9989	0.9992	0.9982
41.6	0.9480	0.9942	0.9884	0.9895	0.9992	0.9989	0.9994	0.9980
41.7	0.9310	0.9929	0.9841	0.9870	0.9991	0.9988	0.9993	0.9979
41.8	0.8994	0.9918	0.9822	0.9840	0.9987	0.9987	0.9990	0.9976
41.9	0.8779	0.9884	0.9754	0.9803	0.9987	0.9984	0.9988	0.9971
42.0	0.9208	0.9914	0.9817	0.9834	0.9989	0.9986	0.9989	0.9974
42.1	0.9087	0.9883	0.9753	0.9780	0.9989	0.9981	0.9990	0.9964
42.2	0.9132	0.9874	0.9745	0.9789	0.9989	0.9983	0.9990	0.9968
42.3	0.9107	0.9829	0.9709	0.9764	0.9984	0.9979	0.9987	0.9961

42.4	0.9212	0.9763	0.9708	0.9751	0.9982	0.9976	0.9986	0.9951
42.5	0.9427	0.9866	0.9792	0.9824	0.9985	0.9980	0.9988	0.9961
42.6	0.9467	0.9879	0.9819	0.9850	0.9985	0.9985	0.9990	0.9972
42.7	0.9598	0.9860	0.9826	0.9857	0.9988	0.9987	0.9991	0.9973
42.8	0.9399	0.9835	0.9747	0.9772	0.9985	0.9983	0.9988	0.9968
42.9	0.9453	0.9808	0.9715	0.9738	0.9988	0.9981	0.9989	0.9963
43.0	0.9615	0.9841	0.9771	0.9804	0.9992	0.9985	0.9992	0.9969
43.1	0.9541	0.9842	0.9767	0.9797	0.9990	0.9986	0.9992	0.9972
43.2	0.9522	0.9812	0.9748	0.9768	0.9981	0.9985	0.9985	0.9970
43.3	0.9404	0.9817	0.9717	0.9726	0.9986	0.9987	0.9988	0.9975
43.4	0.8754	0.9715	0.9412	0.9467	0.9981	0.9980	0.9980	0.9960
43.5	0.9331	0.9703	0.9542	0.9615	0.9982	0.9980	0.9983	0.9959
43.6	0.9592	0.9755	0.9691	0.9746	0.9988	0.9984	0.9989	0.9966
43.7	0.9480	0.9600	0.9508	0.9614	0.9983	0.9975	0.9984	0.9947
43.8	0.9451	0.9589	0.9446	0.9564	0.9981	0.9976	0.9985	0.9949
43.9	0.9512	0.9440	0.9443	0.9576	0.9982	0.9972	0.9983	0.9944
44.0	0.9683	0.9598	0.9598	0.9733	0.9985	0.9975	0.9987	0.9950
44.1	0.9627	0.9629	0.9596	0.9726	0.9986	0.9976	0.9986	0.9951
44.2	0.9464	0.9404	0.9354	0.9565	0.9987	0.9964	0.9983	0.9923
44.3	0.9511	0.9495	0.9430	0.9638	0.9988	0.9969	0.9986	0.9934
44.4	0.9696	0.9652	0.9659	0.9765	0.9986	0.9978	0.9989	0.9956
44.5	0.9729	0.9579	0.9622	0.9734	0.9981	0.9978	0.9986	0.9955
44.6	0.9701	0.9527	0.9586	0.9706	0.9984	0.9976	0.9989	0.9954
44.7	0.9700	0.9529	0.9575	0.9736	0.9989	0.9974	0.9991	0.9950
44.8	0.9670	0.9612	0.9598	0.9732	0.9989	0.9975	0.9992	0.9954
44.9	0.9553	0.9426	0.9436	0.9606	0.9985	0.9975	0.9989	0.9954
45.0	0.9582	0.9338	0.9399	0.9660	0.9983	0.9970	0.9990	0.9945
45.1	0.9813	0.9678	0.9685	0.9843	0.9991	0.9980	0.9995	0.9959
45.2	0.9897	0.9809	0.9842	0.9913	0.9990	0.9986	0.9997	0.9973
45.3	0.9828	0.9743	0.9756	0.9866	0.9988	0.9984	0.9994	0.9969
45.4	0.9818	0.9727	0.9757	0.9857	0.9991	0.9986	0.9995	0.9972
45.5	0.9764	0.9780	0.9800	0.9821	0.9989	0.9986	0.9994	0.9974
45.6	0.9851	0.9753	0.9813	0.9863	0.9990	0.9988	0.9994	0.9976
45.7	0.9739	0.9466	0.9638	0.9732	0.9986	0.9980	0.9990	0.9964
45.8	0.9857	0.9726	0.9818	0.9889	0.9990	0.9986	0.9994	0.9974
45.9	0.9713	0.9488	0.9669	0.9751	0.9979	0.9974	0.9987	0.9954
46.0	0.9797	0.9712	0.9816	0.9847	0.9985	0.9982	0.9991	0.9968
46.1	0.9875	0.9764	0.9856	0.9890	0.9989	0.9988	0.9991	0.9978
46.2	0.9696	0.9571	0.9664	0.9704	0.9985	0.9981	0.9986	0.9967
46.3	0.9694	0.9616	0.9737	0.9735	0.9984	0.9982	0.9986	0.9967
46.4	0.9746	0.9814	0.9831	0.9840	0.9987	0.9983	0.9992	0.9969
46.5	0.9800	0.9807	0.9859	0.9874	0.9987	0.9981	0.9992	0.9967
46.6	0.9833	0.9832	0.9905	0.9907	0.9988	0.9988	0.9993	0.9979
46.7	0.9865	0.9893	0.9934	0.9938	0.9992	0.9988	0.9995	0.9979
46.8	0.9879	0.9842	0.9925	0.9930	0.9989	0.9991	0.9993	0.9982
46.9	0.9783	0.9782	0.9870	0.9872	0.9985	0.9991	0.9993	0.9983
47.0	0.9637	0.9723	0.9762	0.9808	0.9982	0.9986	0.9990	0.9973
47.1	0.9690	0.9815	0.9819	0.9863	0.9983	0.9985	0.9990	0.9970
47.2	0.9725	0.9805	0.9839	0.9872	0.9982	0.9988	0.9989	0.9977
47.3	0.9815	0.9823	0.9866	0.9900	0.9985	0.9987	0.9991	0.9976
47.4	0.9827	0.9844	0.9866	0.9889	0.9984	0.9986	0.9992	0.9975
47.5	0.9762	0.9780	0.9785	0.9823	0.9983	0.9984	0.9992	0.9971
47.6	0.9855	0.9820	0.9866	0.9898	0.9986	0.9988	0.9993	0.9978
47.7	0.9819	0.9856	0.9902	0.9904	0.9987	0.9987	0.9994	0.9976
47.8	0.9740	0.9815	0.9871	0.9868	0.9987	0.9989	0.9994	0.9980
47.9	0.9830	0.9852	0.9909	0.9911	0.9986	0.9988	0.9993	0.9978
48.0	0.9866	0.9847	0.9875	0.9905	0.9985	0.9988	0.9993	0.9979
48.1	0.9758	0.9844	0.9825	0.9853	0.9983	0.9988	0.9992	0.9975
48.2	0.9825	0.9823	0.9848	0.9859	0.9987	0.9986	0.9993	0.9974
48.3	0.9849	0.9807	0.9838	0.9872	0.9980	0.9986	0.9994	0.9974
48.4	0.9614	0.9660	0.9685	0.9705	0.9978	0.9984	0.9989	0.9971
48.5	0.9721	0.9718	0.9778	0.9804	0.9982	0.9987	0.9991	0.9976
48.6	0.9835	0.9805	0.9849	0.9886	0.9982	0.9986	0.9992	0.9973
48.7	0.9774	0.9855	0.9844	0.9867	0.9985	0.9986	0.9993	0.9974
48.8	0.9670	0.9801	0.9789	0.9819	0.9979	0.9984	0.9988	0.9972
48.9	0.9719	0.9797	0.9792	0.9826	0.9981	0.9983	0.9988	0.9968
49.0	0.9615	0.9732	0.9712	0.9761	0.9976	0.9978	0.9988	0.9956
49.1	0.9641	0.9788	0.9812	0.9815	0.9983	0.9985	0.9993	0.9970
49.2	0.9531	0.9817	0.9794	0.9829	0.9984	0.9989	0.9993	0.9980
49.3	0.9542	0.9812	0.9812	0.9856	0.9984	0.9988	0.9992	0.9975
49.4	0.9445	0.9827	0.9804	0.9818	0.9986	0.9986	0.9992	0.9966
49.5	0.9435	0.9757	0.9711	0.9726	0.9982	0.9985	0.9991	0.9965
49.6	0.8917	0.9594	0.9601	0.9659	0.9978	0.9983	0.9989	0.9965
49.7	0.6804	0.8621	0.9083	0.9185	0.9984	0.9988	0.9992	0.9974
49.8	0.7647	0.8718	0.9228	0.9302	0.9981	0.9983	0.9991	0.9965
49.9	0.9235	0.9627	0.9606	0.9661	0.9979	0.9980	0.9986	0.9958
50.0	0.9329	0.9628	0.9556	0.9617	0.9971	0.9979	0.9990	0.9953
50.1	0.9414	0.9583	0.9664	0.9723	0.9949	0.9966	0.9990	0.9923
50.2	0.9721	0.9780	0.9816	0.9851	0.9966	0.9977	0.9987	0.9948
50.3	0.9737	0.9831	0.9754	0.9778	0.9981	0.9986	0.9986	0.9968
50.4	0.9699	0.9772	0.9588	0.9654	0.9979	0.9985	0.9986	0.9961
50.5	0.9680	0.9561	0.9589	0.9711	0.9972	0.9981	0.9984	0.9955
50.6	0.9500	0.9520	0.9518	0.9607	0.9976	0.9982	0.9984	0.9958
50.7	0.9535	0.9573	0.9538	0.9589	0.9981	0.9981	0.9987	0.9953
50.8	0.9636	0.9704	0.9687	0.9730	0.9974	0.9979	0.9988	0.9952
50.9	0.9652	0.9616	0.9575	0.9646	0.9970	0.9975	0.9986	0.9947

51.0	0.9540	0.9674	0.9559	0.9607	0.9968	0.9977	0.9981	0.9950
51.1	0.9514	0.9641	0.9616	0.9659	0.9971	0.9979	0.9982	0.9953
51.2	0.9601	0.9683	0.9702	0.9752	0.9972	0.9981	0.9977	0.9954
51.3	0.9178	0.9530	0.9451	0.9484	0.9959	0.9975	0.9967	0.9926
51.4	0.8683	0.9218	0.9350	0.9432	0.9950	0.9976	0.9971	0.9918
51.5	0.9470	0.9573	0.9730	0.9761	0.9976	0.9983	0.9987	0.9953
51.6	0.9645	0.9650	0.9722	0.9751	0.9977	0.9983	0.9983	0.9961
51.7	0.9508	0.9344	0.9465	0.9567	0.9965	0.9980	0.9970	0.9953
51.8	0.9737	0.9559	0.9709	0.9746	0.9961	0.9978	0.9969	0.9951
51.9	0.9780	0.9685	0.9770	0.9795	0.9970	0.9977	0.9977	0.9945
52.0	0.9692	0.9549	0.9677	0.9709	0.9976	0.9978	0.9981	0.9950
52.1	0.9745	0.9494	0.9756	0.9780	0.9981	0.9981	0.9981	0.9955
52.2	0.9767	0.9648	0.9766	0.9803	0.9973	0.9982	0.9979	0.9958
52.3	0.9599	0.9546	0.9610	0.9628	0.9962	0.9983	0.9964	0.9963
52.4	0.9531	0.9479	0.9535	0.9577	0.9961	0.9979	0.9960	0.9959
52.5	0.9763	0.9699	0.9760	0.9795	0.9972	0.9983	0.9977	0.9963
52.6	0.9755	0.9745	0.9755	0.9783	0.9969	0.9986	0.9971	0.9963
52.7	0.9520	0.9632	0.9602	0.9655	0.9953	0.9982	0.9959	0.9960
52.8	0.9395	0.9534	0.9510	0.9540	0.9951	0.9978	0.9966	0.9948
52.9	0.9122	0.9291	0.9237	0.9305	0.9945	0.9969	0.9954	0.9933
53.0	0.9569	0.9616	0.9612	0.9657	0.9959	0.9979	0.9970	0.9951
53.1	0.9701	0.9746	0.9754	0.9776	0.9959	0.9982	0.9974	0.9955
53.2	0.9560	0.9587	0.9614	0.9622	0.9927	0.9974	0.9950	0.9941
53.3	0.9457	0.9486	0.9523	0.9526	0.9916	0.9971	0.9940	0.9936
53.4	0.9397	0.9452	0.9442	0.9452	0.9924	0.9964	0.9941	0.9916
53.5	0.9264	0.9411	0.9334	0.9327	0.9949	0.9969	0.9947	0.9928
53.6	0.9275	0.9539	0.9410	0.9422	0.9951	0.9980	0.9949	0.9953
53.7	0.9259	0.9557	0.9486	0.9476	0.9928	0.9980	0.9927	0.9950
53.8	0.9049	0.9446	0.9331	0.9351	0.9915	0.9969	0.9938	0.9923
53.9	0.9291	0.9479	0.9393	0.9422	0.9940	0.9966	0.9960	0.9914
54.0	0.9653	0.9694	0.9672	0.9682	0.9956	0.9981	0.9970	0.9952
54.1	0.9696	0.9747	0.9742	0.9742	0.9950	0.9975	0.9966	0.9939
54.2	0.9406	0.9557	0.9484	0.9485	0.9949	0.9968	0.9940	0.9927
54.3	0.9317	0.9521	0.9395	0.9412	0.9957	0.9975	0.9949	0.9938
54.4	0.9407	0.9512	0.9458	0.9453	0.9946	0.9966	0.9944	0.9912
54.5	0.9379	0.9445	0.9412	0.9383	0.9941	0.9956	0.9939	0.9899
54.6	0.9575	0.9636	0.9614	0.9585	0.9960	0.9976	0.9952	0.9946
54.7	0.9479	0.9596	0.9536	0.9506	0.9945	0.9967	0.9943	0.9913
54.8	0.9456	0.9573	0.9475	0.9453	0.9955	0.9963	0.9960	0.9909
54.9	0.9237	0.9373	0.9249	0.9227	0.9955	0.9964	0.9950	0.9916
55.0	0.9489	0.9516	0.9481	0.9451	0.9933	0.9966	0.9956	0.9913
55.1	0.9661	0.9650	0.9652	0.9623	0.9944	0.9977	0.9963	0.9945
55.2	0.9583	0.9594	0.9598	0.9561	0.9953	0.9974	0.9958	0.9939
55.3	0.9454	0.9447	0.9414	0.9373	0.9943	0.9970	0.9946	0.9926
55.4	0.9551	0.9548	0.9518	0.9483	0.9957	0.9976	0.9952	0.9932
55.5	0.9498	0.9538	0.9492	0.9439	0.9960	0.9975	0.9951	0.9930
55.6	0.9474	0.9524	0.9489	0.9449	0.9953	0.9969	0.9951	0.9922
55.7	0.9467	0.9526	0.9485	0.9439	0.9957	0.9977	0.9954	0.9948
55.8	0.9516	0.9546	0.9535	0.9455	0.9959	0.9974	0.9957	0.9934
55.9	0.9587	0.9649	0.9623	0.9559	0.9971	0.9980	0.9963	0.9942
56.0	0.9423	0.9447	0.9417	0.9340	0.9962	0.9979	0.9949	0.9951
56.1	0.9223	0.9182	0.9176	0.9111	0.9939	0.9967	0.9929	0.9931
56.2	0.9278	0.9289	0.9291	0.9199	0.9940	0.9964	0.9931	0.9915
56.3	0.9311	0.9290	0.9314	0.9181	0.9948	0.9970	0.9938	0.9922
56.4	0.9343	0.9347	0.9391	0.9260	0.9952	0.9971	0.9942	0.9925
56.5	0.9336	0.9317	0.9363	0.9179	0.9955	0.9961	0.9940	0.9904
56.6	0.9349	0.9264	0.9283	0.9161	0.9960	0.9965	0.9943	0.9924
56.7	0.9243	0.9185	0.9175	0.9077	0.9958	0.9973	0.9943	0.9937
56.8	0.9112	0.8972	0.9007	0.8876	0.9953	0.9959	0.9926	0.9912
56.9	0.9021	0.8915	0.8928	0.8774	0.9949	0.9948	0.9929	0.9884
57.0	0.9333	0.9293	0.9299	0.9154	0.9945	0.9972	0.9950	0.9925
57.1	0.9464	0.9405	0.9402	0.9298	0.9958	0.9968	0.9954	0.9927
57.2	0.9013	0.8935	0.8914	0.8788	0.9940	0.9960	0.9922	0.9908
57.3	0.9017	0.8814	0.8883	0.8750	0.9938	0.9951	0.9932	0.9886
57.4	0.9214	0.8996	0.9070	0.8930	0.9936	0.9962	0.9927	0.9917
57.5	0.9079	0.8872	0.8904	0.8693	0.9924	0.9963	0.9900	0.9918
57.6	0.9086	0.8880	0.8888	0.8759	0.9938	0.9959	0.9914	0.9908
57.7	0.9175	0.8929	0.8941	0.8863	0.9943	0.9952	0.9929	0.9879
57.8	0.9321	0.9174	0.9185	0.9057	0.9933	0.9956	0.9944	0.9898
57.9	0.9398	0.9231	0.9251	0.9207	0.9949	0.9961	0.9950	0.9910
58.0	0.9356	0.9122	0.9154	0.9145	0.9925	0.9958	0.9938	0.9899
58.1	0.9483	0.9358	0.9380	0.9293	0.9936	0.9970	0.9951	0.9929
58.2	0.9342	0.9173	0.9215	0.9099	0.9949	0.9964	0.9948	0.9892
58.3	0.9270	0.9119	0.9111	0.9054	0.9943	0.9951	0.9947	0.9832
58.4	0.9333	0.9025	0.9039	0.9061	0.9933	0.9959	0.9951	0.9867
58.5	0.9250	0.8970	0.9055	0.8991	0.9918	0.9968	0.9944	0.9899
58.6	0.9324	0.9144	0.9166	0.9137	0.9917	0.9968	0.9942	0.9905
58.7	0.9188	0.8966	0.9017	0.8932	0.9893	0.9954	0.9927	0.9866
58.8	0.9133	0.8785	0.8928	0.8827	0.9894	0.9958	0.9921	0.9877
58.9	0.9194	0.8881	0.8986	0.8963	0.9898	0.9963	0.9947	0.9902
59.0	0.9152	0.8936	0.8923	0.8948	0.9873	0.9964	0.9937	0.9920
59.1	0.9227	0.9162	0.9162	0.9053	0.9911	0.9970	0.9944	0.9917
59.2	0.9007	0.8934	0.8925	0.8850	0.9894	0.9962	0.9943	0.9883
59.3	0.9125	0.8868	0.8823	0.8837	0.9855	0.9957	0.9938	0.9857
59.4	0.9371	0.9131	0.9001	0.9145	0.9886	0.9967	0.9951	0.9870
59.5	0.9396	0.9303	0.9178	0.9273	0.9908	0.9970	0.9962	0.9897

59.6	0.9269	0.9259	0.9185	0.9188	0.9916	0.9974	0.9962	0.9906
59.7	0.9115	0.9170	0.9068	0.9083	0.9888	0.9957	0.9950	0.9846
59.8	0.9301	0.9229	0.9239	0.9278	0.9898	0.9966	0.9963	0.9876
59.9	0.9113	0.8599	0.8265	0.7984	0.8556	0.8542	0.9951	0.7779
60.0	0.7936	0.7344	0.6241	0.5790	0.5869	0.6287	0.9896	0.4649
60.1	0.8783	0.8752	0.7926	0.7624	0.8250	0.8624	0.9954	0.7580
60.2	0.9441	0.9436	0.9373	0.9453	0.9924	0.9971	0.9971	0.9882
60.3	0.9506	0.9470	0.9473	0.9537	0.9914	0.9975	0.9968	0.9884
60.4	0.9475	0.9258	0.9354	0.9421	0.9905	0.9964	0.9964	0.9844
60.5	0.9500	0.9358	0.9408	0.9463	0.9921	0.9960	0.9968	0.9850
60.6	0.9483	0.9496	0.9554	0.9556	0.9921	0.9972	0.9975	0.9895
60.7	0.9409	0.9249	0.9399	0.9356	0.9907	0.9965	0.9964	0.9848
60.8	0.9346	0.9143	0.9314	0.9277	0.9915	0.9964	0.9957	0.9859
60.9	0.9325	0.9177	0.9340	0.9283	0.9908	0.9970	0.9966	0.9892
61.0	0.9415	0.8987	0.9278	0.9288	0.9908	0.9965	0.9959	0.9881
61.1	0.9424	0.9293	0.9453	0.9331	0.9923	0.9969	0.9967	0.9873
61.2	0.9460	0.9297	0.9468	0.9409	0.9897	0.9967	0.9964	0.9830
61.3	0.9394	0.9086	0.9371	0.9387	0.9904	0.9968	0.9972	0.9857
61.4	0.9428	0.8924	0.9400	0.9364	0.9892	0.9969	0.9964	0.9862
61.5	0.9437	0.9065	0.9387	0.9417	0.9881	0.9970	0.9965	0.9871
61.6	0.9327	0.9074	0.9257	0.9286	0.9847	0.9971	0.9957	0.9868
61.7	0.9354	0.9043	0.9314	0.9376	0.9873	0.9973	0.9955	0.9865
61.8	0.9376	0.9032	0.9328	0.9421	0.9860	0.9974	0.9971	0.9891
61.9	0.9568	0.8970	0.9344	0.9511	0.9850	0.9971	0.9973	0.9879
62.0	0.9327	0.8796	0.9166	0.9295	0.9854	0.9971	0.9971	0.9878
62.1	0.9319	0.9097	0.9220	0.9339	0.9851	0.9972	0.9965	0.9870
62.2	0.9012	0.8582	0.8789	0.8991	0.9876	0.9962	0.9952	0.9833
62.3	0.8966	0.8705	0.8988	0.9071	0.9892	0.9959	0.9950	0.9856
62.4	0.8961	0.9045	0.9280	0.9192	0.9873	0.9966	0.9946	0.9866
62.5	0.9237	0.8897	0.9267	0.9179	0.9882	0.9975	0.9959	0.9903
62.6	0.9267	0.9041	0.9270	0.9336	0.9900	0.9969	0.9947	0.9881
62.7	0.9122	0.8881	0.9090	0.9281	0.9868	0.9969	0.9946	0.9868
62.8	0.9045	0.8523	0.8863	0.9060	0.9890	0.9969	0.9956	0.9863
62.9	0.9321	0.8948	0.9266	0.9381	0.9898	0.9970	0.9956	0.9857
63.0	0.9079	0.8920	0.9100	0.9217	0.9863	0.9967	0.9956	0.9843
63.1	0.8878	0.8966	0.8973	0.9006	0.9853	0.9975	0.9949	0.9880
63.2	0.9064	0.9066	0.8996	0.9015	0.9855	0.9974	0.9943	0.9868
63.3	0.8957	0.8811	0.8731	0.8799	0.9847	0.9968	0.9937	0.9862
63.4	0.9160	0.8990	0.9084	0.9055	0.9859	0.9969	0.9948	0.9866
63.5	0.8792	0.8830	0.8854	0.8770	0.9811	0.9964	0.9949	0.9856
63.6	0.9244	0.9207	0.9239	0.9201	0.9878	0.9972	0.9959	0.9872
63.7	0.9481	0.9292	0.9367	0.9461	0.9888	0.9985	0.9967	0.9913
63.8	0.9472	0.9276	0.9298	0.9401	0.9876	0.9979	0.9968	0.9891
63.9	0.9220	0.9181	0.9135	0.9339	0.9872	0.9976	0.9970	0.9909
64.0	0.9349	0.9138	0.9201	0.9369	0.9870	0.9978	0.9961	0.9915
64.1	0.9244	0.9207	0.9155	0.9241	0.9870	0.9978	0.9957	0.9879
64.2	0.9135	0.9209	0.9028	0.9219	0.9866	0.9981	0.9944	0.9881
64.3	0.9211	0.9095	0.9096	0.9313	0.9876	0.9979	0.9946	0.9877
64.4	0.9188	0.9092	0.9200	0.9175	0.9854	0.9971	0.9948	0.9866
64.5	0.9297	0.9081	0.9031	0.9016	0.9859	0.9975	0.9958	0.9876
64.6	0.9200	0.9012	0.9031	0.9012	0.9839	0.9973	0.9951	0.9878
64.7	0.9051	0.8666	0.8815	0.8810	0.9853	0.9973	0.9943	0.9881
64.8	0.8890	0.8752	0.8698	0.8657	0.9801	0.9969	0.9925	0.9845
64.9	0.8856	0.8828	0.8714	0.8773	0.9759	0.9967	0.9932	0.9807
65.0	0.8926	0.8809	0.8767	0.8831	0.9812	0.9970	0.9949	0.9825
65.1	0.8951	0.8960	0.8908	0.8948	0.9782	0.9955	0.9928	0.9777
65.2	0.9205	0.9099	0.9059	0.9028	0.9838	0.9960	0.9952	0.9822
65.3	0.9031	0.9128	0.9045	0.9050	0.9860	0.9966	0.9947	0.9847
65.4	0.8481	0.8871	0.8651	0.8523	0.9848	0.9960	0.9930	0.9845
65.5	0.8426	0.8820	0.8619	0.8388	0.9857	0.9967	0.9934	0.9874
65.6	0.8625	0.9026	0.8799	0.8568	0.9848	0.9976	0.9932	0.9882
65.7	0.8130	0.8514	0.8409	0.8054	0.9852	0.9970	0.9916	0.9852
65.8	0.7665	0.7932	0.7770	0.7509	0.9785	0.9950	0.9889	0.9785
65.9	0.8103	0.8485	0.8198	0.8028	0.9792	0.9962	0.9913	0.9873
66.0	0.7924	0.8265	0.7876	0.7705	0.9814	0.9966	0.9922	0.9870
66.1	0.8662	0.8868	0.8592	0.8416	0.9852	0.9976	0.9950	0.9896
66.2	0.8458	0.8803	0.8704	0.8356	0.9812	0.9971	0.9932	0.9884
66.3	0.8079	0.8005	0.8006	0.7761	0.9749	0.9961	0.9902	0.9856
66.4	0.7809	0.7890	0.7763	0.7684	0.9821	0.9970	0.9937	0.9881
66.5	0.7922	0.8218	0.7978	0.8008	0.9845	0.9972	0.9937	0.9871
66.6	0.8129	0.8567	0.7988	0.8017	0.9846	0.9971	0.9925	0.9845
66.7	0.7791	0.8149	0.7732	0.7444	0.9836	0.9976	0.9924	0.9866
66.8	0.7645	0.8187	0.7816	0.7385	0.9792	0.9966	0.9919	0.9841
66.9	0.7941	0.8262	0.7917	0.7811	0.9799	0.9972	0.9921	0.9865
67.0	0.7711	0.8158	0.7739	0.7596	0.9803	0.9970	0.9923	0.9872
67.1	0.7498	0.7981	0.7660	0.7435	0.9785	0.9963	0.9909	0.9830
67.2	0.7894	0.8184	0.7891	0.7737	0.9823	0.9969	0.9921	0.9850
67.3	0.7806	0.8522	0.7970	0.7701	0.9847	0.9975	0.9928	0.9859
67.4	0.7651	0.8225	0.7534	0.7450	0.9804	0.9968	0.9927	0.9835
67.5	0.7538	0.8398	0.7621	0.7046	0.9788	0.9960	0.9925	0.9822
67.6	0.7976	0.8300	0.7846	0.7402	0.9757	0.9967	0.9929	0.9861
67.7	0.7396	0.7397	0.7103	0.6643	0.9727	0.9959	0.9913	0.9858
67.8	0.7358	0.7630	0.7224	0.6949	0.9740	0.9962	0.9921	0.9862
67.9	0.7662	0.8108	0.7967	0.7480	0.9805	0.9972	0.9895	0.9876
68.0	0.7546	0.7884	0.7706	0.7223	0.9846	0.9963	0.9898	0.9870
68.1	0.7358	0.7521	0.7412	0.7052	0.9747	0.9964	0.9869	0.9845

68.2	0.7831	0.7806	0.7623	0.7291	0.9733	0.9976	0.9909	0.9844
68.3	0.6784	0.6613	0.6455	0.5934	0.9730	0.9964	0.9900	0.9836
68.4	0.6009	0.6531	0.6156	0.5083	0.9675	0.9955	0.9899	0.9817
68.5	0.7268	0.7897	0.7558	0.6387	0.9767	0.9971	0.9907	0.9849
68.6	0.6991	0.7368	0.7288	0.5725	0.9762	0.9969	0.9888	0.9839
68.7	0.6684	0.7309	0.7124	0.6584	0.9722	0.9972	0.9912	0.9890
68.8	0.5882	0.6347	0.6290	0.6104	0.9694	0.9963	0.9885	0.9851
68.9	0.5671	0.5905	0.5665	0.5717	0.9651	0.9965	0.9870	0.9849
69.0	0.6526	0.7130	0.6308	0.6924	0.9706	0.9969	0.9902	0.9868
69.1	0.6739	0.7436	0.6788	0.6823	0.9713	0.9972	0.9935	0.9857
69.2	0.5887	0.6421	0.5767	0.5368	0.9700	0.9970	0.9913	0.9818
69.3	0.5139	0.6169	0.5659	0.4597	0.9723	0.9966	0.9892	0.9831
69.4	0.4611	0.6530	0.5992	0.5193	0.9658	0.9961	0.9858	0.9815
69.5	0.5010	0.6676	0.5845	0.5955	0.9778	0.9971	0.9925	0.9869
69.6	0.5093	0.7087	0.6183	0.5839	0.9802	0.9961	0.9937	0.9844
69.7	0.4204	0.6947	0.5801	0.5622	0.9735	0.9956	0.9885	0.9807
69.8	0.4961	0.6339	0.5743	0.5554	0.9738	0.9967	0.9907	0.9863
69.9	0.6319	0.7884	0.7515	0.7151	0.9738	0.9966	0.9928	0.9876
70.0	0.4807	0.7175	0.6282	0.6534	0.9672	0.9957	0.9900	0.9822
70.1	0.4272	0.6780	0.6285	0.6057	0.9628	0.9963	0.9896	0.9822
70.2	0.4864	0.7622	0.7314	0.6739	0.9719	0.9961	0.9909	0.9861
70.3	0.2352	0.6941	0.5865	0.5242	0.9681	0.9955	0.9901	0.9824
70.4	0.1405	0.6892	0.6066	0.5636	0.9689	0.9961	0.9925	0.9850
70.5	0.2473	0.7300	0.6614	0.6670	0.9700	0.9960	0.9891	0.9853
70.6	0.2453	0.7348	0.6608	0.6618	0.9719	0.9964	0.9884	0.9876
70.7	0.2981	0.7364	0.6622	0.6691	0.9702	0.9964	0.9873	0.9849
70.8	0.2782	0.7939	0.7540	0.7331	0.9773	0.9970	0.9907	0.9860
70.9	0.1337	0.7611	0.6981	0.7066	0.9747	0.9966	0.9904	0.9857
71.0	0.1338	0.7607	0.6586	0.6407	0.9676	0.9959	0.9878	0.9869
71.1	0.1330	0.7925	0.7536	0.6636	0.9643	0.9966	0.9846	0.9859
71.2	0.0900	0.7969	0.7147	0.7036	0.9667	0.9943	0.9862	0.9831
71.3	0.0503	0.8389	0.7419	0.7141	0.9653	0.9935	0.9875	0.9831
71.4	0.0238	0.8439	0.7852	0.6898	0.9607	0.9961	0.9834	0.9829
71.5	0.0134	0.8316	0.7670	0.7003	0.9540	0.9957	0.9843	0.9815
71.6	0.0039	0.8025	0.7163	0.6830	0.9543	0.9938	0.9813	0.9800
71.7	0.0320	0.7906	0.6964	0.6643	0.9579	0.9930	0.9834	0.9762
71.8	0.0939	0.8292	0.6974	0.6975	0.9642	0.9938	0.9867	0.9782
71.9	0.2776	0.8601	0.7705	0.7418	0.9605	0.9943	0.9909	0.9798
72.0	0.3893	0.8368	0.7431	0.6820	0.9668	0.9935	0.9875	0.9776
72.1	0.4525	0.8513	0.7370	0.6808	0.9736	0.9943	0.9880	0.9827
72.2	0.3776	0.8398	0.7400	0.6872	0.9682	0.9947	0.9852	0.9821
72.3	0.5294	0.8366	0.7515	0.7468	0.9701	0.9962	0.9865	0.9841
72.4	0.4902	0.7818	0.6756	0.7019	0.9672	0.9943	0.9842	0.9806
72.5	0.4159	0.8084	0.6685	0.6574	0.9494	0.9927	0.9791	0.9770
72.6	0.5522	0.8493	0.7356	0.6596	0.9500	0.9943	0.9844	0.9785
72.7	0.6507	0.8743	0.8537	0.7841	0.9621	0.9958	0.9888	0.9818
72.8	0.6711	0.8883	0.8323	0.7252	0.9574	0.9955	0.9876	0.9849
72.9	0.6610	0.8605	0.7354	0.6755	0.9647	0.9954	0.9860	0.9823
73.0	0.6862	0.8899	0.6713	0.6807	0.9519	0.9934	0.9860	0.9785
73.1	0.7439	0.8930	0.6958	0.6421	0.9317	0.9937	0.9869	0.9801
73.2	0.6519	0.8510	0.6771	0.6032	0.9315	0.9927	0.9813	0.9763
73.3	0.7283	0.8519	0.6645	0.6353	0.9405	0.9930	0.9813	0.9808
73.4	0.7795	0.8467	0.6654	0.6936	0.9347	0.9921	0.9771	0.9777
73.5	0.8574	0.8663	0.7093	0.7739	0.9335	0.9936	0.9828	0.9794
73.6	0.8800	0.9059	0.7079	0.7577	0.9433	0.9946	0.9860	0.9817
73.7	0.8590	0.9032	0.7145	0.7765	0.9288	0.9925	0.9815	0.9793
73.8	0.8661	0.8830	0.6858	0.7531	0.9346	0.9929	0.9794	0.9798
73.9	0.8989	0.8757	0.7700	0.8107	0.9341	0.9933	0.9821	0.9781
74.0	0.8939	0.8750	0.7503	0.7965	0.9288	0.9929	0.9807	0.9689
74.1	0.8900	0.9041	0.8026	0.8395	0.9397	0.9934	0.9824	0.9788
74.2	0.9238	0.9175	0.8192	0.8588	0.9443	0.9943	0.9889	0.9861
74.3	0.9172	0.9200	0.8002	0.8486	0.9399	0.9930	0.9806	0.9863
74.4	0.9257	0.9214	0.8633	0.8726	0.9224	0.9923	0.9807	0.9832
74.5	0.9212	0.8941	0.8762	0.8783	0.9168	0.9929	0.9828	0.9807
74.6	0.9170	0.8580	0.8493	0.8578	0.8933	0.9899	0.9810	0.9721
74.7	0.9077	0.8302	0.8176	0.8627	0.9027	0.9888	0.9721	0.9693
74.8	0.9414	0.8823	0.8753	0.9006	0.9188	0.9895	0.9756	0.9701
74.9	0.9588	0.8794	0.9128	0.9089	0.9149	0.9922	0.9851	0.9816
75.0	0.9474	0.8794	0.8944	0.8913	0.9160	0.9916	0.9840	0.9808
75.1	0.9527	0.8674	0.9159	0.9277	0.9327	0.9917	0.9812	0.9815
75.2	0.9121	0.8000	0.8679	0.8776	0.8827	0.9870	0.9674	0.9710
75.3	0.9353	0.8478	0.9116	0.9239	0.8749	0.9891	0.9754	0.9810
75.4	0.9510	0.8783	0.9217	0.9279	0.8908	0.9897	0.9785	0.9823
75.5	0.9544	0.8468	0.9265	0.9297	0.8798	0.9884	0.9748	0.9752
75.6	0.9639	0.8604	0.9453	0.9496	0.8901	0.9879	0.9785	0.9760
75.7	0.9610	0.8725	0.9410	0.9538	0.9082	0.9906	0.9799	0.9746
75.8	0.9618	0.8628	0.9246	0.9314	0.9079	0.9914	0.9790	0.9712
75.9	0.9587	0.8658	0.9357	0.9369	0.9076	0.9877	0.9751	0.9760
76.0	0.9595	0.8766	0.9496	0.9461	0.9213	0.9840	0.9711	0.9751
76.1	0.9529	0.8671	0.9417	0.9391	0.8776	0.9814	0.9691	0.9689
76.2	0.9576	0.8356	0.9475	0.9530	0.8728	0.9845	0.9706	0.9757
76.3	0.9624	0.8625	0.9579	0.9510	0.8788	0.9847	0.9761	0.9727
76.4	0.9669	0.8817	0.9588	0.9544	0.8907	0.9892	0.9745	0.9704
76.5	0.9589	0.8545	0.9431	0.9502	0.8941	0.9864	0.9682	0.9687
76.6	0.9624	0.8749	0.9635	0.9549	0.9037	0.9856	0.9738	0.9763
76.7	0.9620	0.8885	0.9622	0.9580	0.9100	0.9883	0.9751	0.9801

76.8	0.9557	0.8723	0.9575	0.9522	0.8999	0.9863	0.9736	0.9787
76.9	0.9440	0.8719	0.9456	0.9355	0.8278	0.9821	0.9707	0.9703
77.0	0.9626	0.9150	0.9518	0.9571	0.8761	0.9828	0.9711	0.9746
77.1	0.9608	0.9223	0.9479	0.9583	0.8869	0.9864	0.9727	0.9794
77.2	0.9617	0.9157	0.9570	0.9607	0.9059	0.9866	0.9696	0.9787
77.3	0.9659	0.8894	0.9612	0.9594	0.9140	0.9848	0.9615	0.9764
77.4	0.9620	0.8989	0.9635	0.9517	0.9077	0.9805	0.9507	0.9742
77.5	0.9648	0.9251	0.9637	0.9624	0.9062	0.9795	0.9556	0.9712
77.6	0.9661	0.9293	0.9573	0.9651	0.9100	0.9773	0.9723	0.9742
77.7	0.9692	0.9313	0.9605	0.9644	0.9139	0.9792	0.9714	0.9777
77.8	0.9652	0.9366	0.9576	0.9588	0.9050	0.9788	0.9563	0.9731
77.9	0.9599	0.9154	0.9494	0.9540	0.9005	0.9751	0.9489	0.9707
78.0	0.9637	0.9176	0.9557	0.9626	0.9099	0.9777	0.9560	0.9737
78.1	0.9675	0.9183	0.9649	0.9631	0.9137	0.9774	0.9628	0.9763
78.2	0.9662	0.9128	0.9625	0.9597	0.8847	0.9707	0.9444	0.9774
78.3	0.9672	0.9270	0.9633	0.9637	0.9160	0.9646	0.9376	0.9706
78.4	0.9739	0.9501	0.9729	0.9764	0.9242	0.9666	0.9458	0.9762
78.5	0.9770	0.9524	0.9769	0.9760	0.9055	0.9772	0.9503	0.9775
78.6	0.9704	0.9387	0.9684	0.9714	0.9310	0.9704	0.9517	0.9727
78.7	0.9716	0.9595	0.9703	0.9721	0.9448	0.9645	0.9625	0.9794
78.8	0.9743	0.9530	0.9673	0.9746	0.9317	0.9634	0.9400	0.9802
78.9	0.9763	0.9553	0.9700	0.9776	0.9291	0.9642	0.9317	0.9781
79.0	0.9692	0.9393	0.9624	0.9695	0.9136	0.9550	0.9114	0.9756
79.1	0.9647	0.9441	0.9576	0.9643	0.8531	0.9458	0.9248	0.9667
79.2	0.9785	0.9750	0.9784	0.9807	0.8604	0.9478	0.9540	0.9676
79.3	0.9780	0.9798	0.9805	0.9810	0.8906	0.9554	0.9594	0.9659
79.4	0.9734	0.9725	0.9758	0.9755	0.8918	0.9534	0.9610	0.9636
79.5	0.9757	0.9659	0.9750	0.9733	0.9016	0.9449	0.9453	0.9665
79.6	0.9837	0.9720	0.9809	0.9799	0.9121	0.9649	0.9393	0.9671
79.7	0.9776	0.9752	0.9792	0.9787	0.8894	0.9537	0.9369	0.9664
79.8	0.9780	0.9819	0.9787	0.9802	0.8928	0.9576	0.9491	0.9683
79.9	0.9752	0.9706	0.9745	0.9779	0.8820	0.9626	0.9393	0.9636
80.0	0.9732	0.9661	0.9729	0.9748	0.8837	0.9596	0.9374	0.9631

1.2.35 Run 11 – IP000NVP – NF and AF gauges

In-plane shaking at 0° with no vertical shake plate. Normal and axial force balance gauges.

f (Hz)	NF180B1	NF000B1	NF270B1	NF090B1	AF180B1	AF000B1	AF270B1	AF090B1
0.0	0.6031	0.9511	0.9968	0.9974	0.9802	0.9331	0.6623	0.9726
0.1	0.2142	0.6998	0.9599	0.9646	0.7807	0.4568	0.2107	0.8048
0.2	0.8872	0.8977	0.0587	0.0244	0.9072	0.9032	0.9273	0.7322
0.3	0.8461	0.8929	0.0406	0.0090	0.8824	0.8587	0.9302	0.6736
0.4	0.7754	0.8433	0.1760	0.1199	0.8569	0.7555	0.8686	0.5270
0.5	0.6761	0.6928	0.0362	0.0444	0.7507	0.5871	0.7547	0.3147
0.6	0.9503	0.9612	0.8446	0.7663	0.9586	0.9447	0.9657	0.8279
0.7	0.9933	0.9945	0.9529	0.9495	0.9959	0.9923	0.9957	0.9786
0.8	0.9942	0.9883	0.8738	0.8834	0.9973	0.9946	0.9966	0.9869
0.9	0.9885	0.9620	0.5895	0.5503	0.9967	0.9930	0.9937	0.9845
1.0	0.9927	0.9831	0.4245	0.4202	0.9959	0.9940	0.9944	0.9816
1.1	0.9984	0.9982	0.8631	0.8517	0.9984	0.9976	0.9984	0.9937
1.2	0.9993	0.9995	0.6804	0.6932	0.9993	0.9990	0.9988	0.9970
1.3	0.9995	0.9993	0.3799	0.3982	0.9995	0.9993	0.9982	0.9958
1.4	0.9996	0.9995	0.3793	0.3381	0.9995	0.9994	0.9991	0.9979
1.5	0.9996	0.9997	0.7436	0.6725	0.9995	0.9994	0.9990	0.9989
1.6	0.9999	0.9999	0.9423	0.8693	0.9995	0.9994	0.9994	0.9990
1.7	0.9999	0.9999	0.9621	0.9204	0.9992	0.9992	0.9991	0.9989
1.8	0.9999	0.9999	0.9832	0.9670	0.9990	0.9991	0.9987	0.9986
1.9	0.9996	0.9997	0.9853	0.9767	0.9969	0.9970	0.9962	0.9959
2.0	0.9995	0.9996	0.9726	0.9631	0.9963	0.9965	0.9956	0.9953
2.1	0.9981	0.9984	0.8650	0.8141	0.9871	0.9876	0.9851	0.9839
2.2	0.9861	0.9881	0.4387	0.3139	0.9315	0.9327	0.9226	0.9194
2.3	0.7251	0.7545	0.2418	0.0704	0.3892	0.3919	0.3656	0.3617
2.4	0.8869	0.9138	0.8367	0.7442	0.3704	0.3676	0.4338	0.4488
2.5	0.9924	0.9946	0.9118	0.9107	0.4755	0.5068	0.4555	0.4692
2.6	0.9984	0.9987	0.9567	0.9326	0.8926	0.9043	0.7586	0.6936
2.7	0.9992	0.9994	0.9756	0.9641	0.9731	0.9755	0.9484	0.9364
2.8	0.9998	0.9999	0.9873	0.9799	0.9949	0.9953	0.9910	0.9891
2.9	0.9999	0.9999	0.9893	0.9846	0.9977	0.9979	0.9964	0.9953
3.0	1.0000	1.0000	0.9923	0.9875	0.9992	0.9992	0.9986	0.9984
3.1	1.0000	1.0000	0.9922	0.9877	0.9993	0.9993	0.9989	0.9987
3.2	1.0000	1.0000	0.9890	0.9862	0.9997	0.9997	0.9995	0.9993
3.3	1.0000	1.0000	0.9867	0.9858	0.9997	0.9997	0.9995	0.9995
3.4	1.0000	1.0000	0.9921	0.9883	0.9998	0.9998	0.9998	0.9997
3.5	1.0000	1.0000	0.9947	0.9933	0.9999	0.9999	0.9998	0.9998
3.6	1.0000	1.0000	0.9962	0.9927	0.9999	0.9999	0.9998	0.9998
3.7	1.0000	1.0000	0.9938	0.9927	0.9999	0.9999	0.9998	0.9998
3.8	1.0000	1.0000	0.9901	0.9906	0.9999	0.9999	0.9999	0.9998
3.9	1.0000	1.0000	0.9917	0.9906	0.9999	0.9999	0.9999	0.9998
4.0	1.0000	1.0000	0.9897	0.9899	0.9999	0.9999	0.9999	0.9999
4.1	1.0000	1.0000	0.9904	0.9892	0.9999	0.9999	0.9999	0.9999
4.2	1.0000	1.0000	0.9872	0.9856	0.9999	0.9999	0.9999	0.9998
4.3	1.0000	1.0000	0.9855	0.9877	0.9999	0.9999	0.9999	0.9998
4.4	1.0000	1.0000	0.9871	0.9893	0.9999	0.9999	0.9999	0.9998
4.5	1.0000	1.0000	0.9837	0.9862	0.9999	0.9999	0.9999	0.9998
4.6	1.0000	1.0000	0.9763	0.9814	0.9999	0.9999	0.9999	0.9998
4.7	1.0000	1.0000	0.9685	0.9805	0.9999	0.9999	0.9998	0.9997
4.8	1.0000	1.0000	0.9778	0.9857	0.9999	0.9999	0.9998	0.9997
4.9	1.0000	1.0000	0.9799	0.9890	0.9999	0.9999	0.9998	0.9998
5.0	1.0000	1.0000	0.9748	0.9848	0.9999	0.9999	0.9998	0.9998
5.1	0.9999	1.0000	0.9743	0.9805	0.9998	0.9998	0.9997	0.9997
5.2	1.0000	1.0000	0.9667	0.9857	0.9998	0.9998	0.9998	0.9997
5.3	1.0000	1.0000	0.9604	0.9849	0.9998	0.9998	0.9997	0.9996
5.4	0.9999	1.0000	0.9443	0.9820	0.9998	0.9998	0.9997	0.9995
5.5	0.9999	0.9999	0.9255	0.9691	0.9996	0.9996	0.9995	0.9993
5.6	1.0000	1.0000	0.9299	0.9787	0.9998	0.9998	0.9997	0.9996
5.7	0.9999	1.0000	0.9355	0.9869	0.9997	0.9997	0.9996	0.9995
5.8	0.9999	1.0000	0.9240	0.9884	0.9996	0.9996	0.9995	0.9993
5.9	1.0000	1.0000	0.9121	0.9890	0.9998	0.9997	0.9996	0.9995
6.0	0.9999	0.9999	0.8719	0.9904	0.9997	0.9996	0.9995	0.9994
6.1	0.9999	1.0000	0.8466	0.9890	0.9997	0.9997	0.9996	0.9995
6.2	0.9999	1.0000	0.7786	0.9870	0.9997	0.9997	0.9996	0.9995
6.3	0.9999	1.0000	0.5503	0.9821	0.9996	0.9996	0.9995	0.9993
6.4	0.9998	0.9999	0.5749	0.9832	0.9995	0.9995	0.9993	0.9993
6.5	0.9999	1.0000	0.7791	0.9903	0.9997	0.9996	0.9995	0.9996
6.6	0.9998	1.0000	0.8568	0.9892	0.9996	0.9996	0.9995	0.9995
6.7	0.9998	1.0000	0.9225	0.9908	0.9997	0.9997	0.9996	0.9995
6.8	0.9996	0.9999	0.9068	0.9797	0.9994	0.9994	0.9992	0.9991
6.9	0.9992	0.9999	0.9170	0.9715	0.9992	0.9992	0.9989	0.9988
7.0	0.9975	0.9999	0.8821	0.9323	0.9981	0.9983	0.9977	0.9975
7.1	0.9952	0.9999	0.8984	0.9178	0.9967	0.9973	0.9964	0.9961
7.2	0.9934	0.9998	0.9183	0.9151	0.9961	0.9969	0.9957	0.9951
7.3	0.9956	0.9998	0.9507	0.9400	0.9972	0.9977	0.9967	0.9960
7.4	0.9903	0.9999	0.9287	0.8907	0.9937	0.9948	0.9922	0.9916
7.5	0.9959	0.9999	0.9640	0.9299	0.9969	0.9974	0.9962	0.9957
7.6	0.9988	0.9999	0.9862	0.9637	0.9990	0.9990	0.9987	0.9985
7.7	0.9994	0.9999	0.9904	0.9790	0.9992	0.9992	0.9990	0.9989
7.8	0.9996	0.9999	0.9937	0.9826	0.9993	0.9993	0.9991	0.9988
7.9	0.9998	0.9999	0.9934	0.9766	0.9997	0.9997	0.9996	0.9995

8.0	0.9998	0.9999	0.9933	0.9718	0.9995	0.9996	0.9995	0.9994
8.1	0.9999	0.9999	0.9950	0.9789	0.9996	0.9997	0.9996	0.9994
8.2	0.9998	0.9999	0.9915	0.9719	0.9996	0.9996	0.9995	0.9992
8.3	0.9999	0.9999	0.9957	0.9839	0.9997	0.9997	0.9996	0.9994
8.4	0.9999	0.9999	0.9955	0.9868	0.9996	0.9996	0.9995	0.9995
8.5	0.9998	0.9998	0.9942	0.9832	0.9995	0.9995	0.9994	0.9993
8.6	0.9998	0.9997	0.9950	0.9821	0.9994	0.9994	0.9992	0.9991
8.7	0.9997	0.9995	0.9935	0.9817	0.9989	0.9990	0.9987	0.9985
8.8	0.9996	0.9993	0.9932	0.9831	0.9987	0.9986	0.9983	0.9982
8.9	0.9995	0.9990	0.9912	0.9837	0.9979	0.9981	0.9976	0.9972
9.0	0.9988	0.9977	0.9856	0.9752	0.9955	0.9958	0.9946	0.9940
9.1	0.9987	0.9975	0.9837	0.9720	0.9950	0.9951	0.9938	0.9936
9.2	0.9963	0.9921	0.9618	0.9463	0.9863	0.9867	0.9835	0.9828
9.3	0.9946	0.9883	0.9535	0.9445	0.9799	0.9808	0.9772	0.9762
9.4	0.9942	0.9871	0.9592	0.9615	0.9790	0.9791	0.9767	0.9758
9.5	0.9887	0.9690	0.9071	0.9341	0.9434	0.9443	0.9364	0.9317
9.6	0.9960	0.9870	0.9422	0.9691	0.9677	0.9687	0.9607	0.9558
9.7	0.9979	0.9925	0.9445	0.9779	0.9773	0.9785	0.9685	0.9649
9.8	0.9993	0.9975	0.9701	0.9888	0.9917	0.9927	0.9877	0.9852
9.9	0.9994	0.9983	0.9419	0.9802	0.9939	0.9943	0.9901	0.9897
10.0	0.9998	0.9993	0.9357	0.9895	0.9979	0.9982	0.9969	0.9965
10.1	0.9997	0.9992	0.9043	0.9815	0.9977	0.9979	0.9966	0.9960
10.2	0.9999	0.9997	0.8845	0.9773	0.9991	0.9991	0.9986	0.9984
10.3	0.9999	0.9998	0.8216	0.9696	0.9993	0.9993	0.9990	0.9990
10.4	0.9999	0.9998	0.7342	0.9754	0.9994	0.9996	0.9991	0.9992
10.5	0.9999	0.9999	0.6942	0.9794	0.9996	0.9996	0.9994	0.9992
10.6	0.9998	0.9998	0.6253	0.9696	0.9995	0.9995	0.9993	0.9989
10.7	0.9999	0.9999	0.7673	0.9733	0.9997	0.9996	0.9995	0.9993
10.8	0.9999	0.9998	0.8054	0.9568	0.9996	0.9996	0.9994	0.9993
10.9	0.9999	0.9999	0.8601	0.9590	0.9997	0.9997	0.9996	0.9995
11.0	0.9999	0.9998	0.8603	0.9654	0.9996	0.9996	0.9995	0.9994
11.1	0.9999	0.9999	0.8914	0.9633	0.9998	0.9998	0.9996	0.9996
11.2	0.9999	0.9998	0.9251	0.9715	0.9998	0.9998	0.9996	0.9995
11.3	0.9999	0.9999	0.9477	0.9692	0.9998	0.9998	0.9996	0.9994
11.4	0.9999	0.9999	0.9616	0.9747	0.9997	0.9998	0.9996	0.9996
11.5	0.9999	0.9999	0.9628	0.9772	0.9998	0.9998	0.9997	0.9996
11.6	0.9999	0.9999	0.9664	0.9802	0.9998	0.9998	0.9997	0.9996
11.7	0.9999	0.9999	0.9740	0.9826	0.9998	0.9997	0.9997	0.9997
11.8	0.9999	0.9998	0.9687	0.9748	0.9998	0.9997	0.9996	0.9996
11.9	0.9999	0.9999	0.9757	0.9799	0.9998	0.9998	0.9997	0.9996
12.0	0.9999	0.9999	0.9791	0.9841	0.9998	0.9998	0.9997	0.9996
12.1	0.9999	0.9999	0.9768	0.9773	0.9997	0.9997	0.9996	0.9996
12.2	0.9999	0.9999	0.9799	0.9829	0.9998	0.9998	0.9997	0.9997
12.3	0.9999	0.9999	0.9768	0.9824	0.9998	0.9998	0.9998	0.9998
12.4	0.9999	0.9999	0.9797	0.9673	0.9998	0.9998	0.9997	0.9997
12.5	0.9999	0.9998	0.9680	0.9587	0.9997	0.9997	0.9996	0.9995
12.6	0.9999	0.9998	0.9588	0.9601	0.9997	0.9997	0.9996	0.9997
12.7	0.9999	0.9999	0.9572	0.9617	0.9998	0.9997	0.9997	0.9997
12.8	1.0000	0.9999	0.9572	0.9682	0.9998	0.9999	0.9998	0.9997
12.9	0.9999	0.9999	0.9649	0.9653	0.9998	0.9998	0.9997	0.9997
13.0	0.9999	0.9999	0.9580	0.9581	0.9998	0.9997	0.9996	0.9997
13.1	0.9999	0.9999	0.9456	0.9580	0.9998	0.9997	0.9995	0.9997
13.2	0.9999	0.9999	0.9525	0.9532	0.9998	0.9998	0.9996	0.9997
13.3	0.9999	0.9998	0.9372	0.9380	0.9998	0.9997	0.9996	0.9997
13.4	0.9999	0.9999	0.9520	0.9516	0.9998	0.9998	0.9997	0.9997
13.5	0.9999	0.9999	0.9656	0.9613	0.9999	0.9999	0.9998	0.9998
13.6	0.9999	0.9999	0.9580	0.9552	0.9999	0.9999	0.9998	0.9998
13.7	0.9999	0.9999	0.9503	0.9545	0.9999	0.9998	0.9998	0.9998
13.8	0.9999	0.9998	0.9364	0.9560	0.9998	0.9998	0.9998	0.9998
13.9	0.9998	0.9998	0.9303	0.9219	0.9997	0.9997	0.9996	0.9996
14.0	0.9999	0.9998	0.9504	0.9333	0.9998	0.9996	0.9997	0.9996
14.1	0.9999	0.9998	0.9304	0.9243	0.9998	0.9997	0.9997	0.9997
14.2	0.9999	0.9999	0.9172	0.9372	0.9998	0.9998	0.9997	0.9997
14.3	0.9998	0.9998	0.9464	0.9377	0.9997	0.9997	0.9996	0.9996
14.4	0.9998	0.9998	0.9602	0.9471	0.9997	0.9997	0.9996	0.9997
14.5	0.9998	0.9999	0.9510	0.9457	0.9997	0.9997	0.9996	0.9996
14.6	0.9998	0.9999	0.9426	0.9418	0.9997	0.9996	0.9996	0.9994
14.7	0.9999	0.9998	0.9640	0.9535	0.9997	0.9997	0.9997	0.9996
14.8	0.9999	0.9999	0.9633	0.9633	0.9998	0.9998	0.9997	0.9997
14.9	0.9999	0.9998	0.9675	0.9574	0.9997	0.9998	0.9996	0.9996
15.0	0.9998	0.9998	0.9684	0.9452	0.9996	0.9997	0.9995	0.9995
15.1	0.9998	0.9999	0.9723	0.9626	0.9998	0.9997	0.9997	0.9997
15.2	0.9999	0.9999	0.9801	0.9782	0.9998	0.9998	0.9998	0.9997
15.3	0.9999	0.9999	0.9807	0.9766	0.9998	0.9998	0.9998	0.9997
15.4	0.9998	0.9998	0.9748	0.9655	0.9997	0.9997	0.9997	0.9995
15.5	0.9999	0.9998	0.9693	0.9644	0.9998	0.9998	0.9998	0.9997
15.6	0.9998	0.9998	0.9663	0.9609	0.9997	0.9997	0.9997	0.9997
15.7	0.9999	0.9998	0.9735	0.9605	0.9997	0.9997	0.9996	0.9997
15.8	0.9998	0.9998	0.9715	0.9565	0.9997	0.9996	0.9995	0.9995
15.9	0.9998	0.9998	0.9763	0.9542	0.9998	0.9997	0.9997	0.9997
16.0	0.9998	0.9998	0.9740	0.9441	0.9998	0.9998	0.9997	0.9997
16.1	0.9998	0.9998	0.9732	0.9404	0.9998	0.9998	0.9997	0.9997
16.2	0.9998	0.9998	0.9678	0.9327	0.9998	0.9998	0.9997	0.9997
16.3	0.9997	0.9998	0.9658	0.9193	0.9997	0.9997	0.9996	0.9996
16.4	0.9997	0.9997	0.9579	0.8740	0.9996	0.9995	0.9995	0.9995
16.5	0.9998	0.9998	0.9673	0.8619	0.9997	0.9997	0.9997	0.9996

16.6	0.9998	0.9998	0.9592	0.7860	0.9997	0.9997	0.9997	0.9997
16.7	0.9998	0.9998	0.9428	0.6766	0.9998	0.9998	0.9997	0.9996
16.8	0.9998	0.9998	0.9442	0.8491	0.9997	0.9997	0.9997	0.9995
16.9	0.9997	0.9998	0.9586	0.8617	0.9996	0.9996	0.9996	0.9995
17.0	0.9997	0.9996	0.9590	0.7689	0.9994	0.9994	0.9993	0.9993
17.1	0.9998	0.9997	0.9303	0.7047	0.9996	0.9996	0.9995	0.9996
17.2	0.9998	0.9998	0.9313	0.8422	0.9998	0.9998	0.9997	0.9997
17.3	0.9998	0.9998	0.9517	0.8965	0.9998	0.9997	0.9997	0.9997
17.4	0.9998	0.9998	0.9531	0.8650	0.9997	0.9997	0.9996	0.9996
17.5	0.9998	0.9998	0.9541	0.8791	0.9997	0.9997	0.9996	0.9996
17.6	0.9997	0.9997	0.9597	0.8871	0.9997	0.9997	0.9996	0.9995
17.7	0.9997	0.9997	0.9532	0.8848	0.9996	0.9996	0.9995	0.9994
17.8	0.9997	0.9997	0.9299	0.8367	0.9995	0.9995	0.9995	0.9993
17.9	0.9998	0.9998	0.9460	0.8525	0.9997	0.9997	0.9996	0.9995
18.0	0.9997	0.9998	0.9456	0.9056	0.9996	0.9997	0.9995	0.9994
18.1	0.9997	0.9996	0.9392	0.9226	0.9994	0.9995	0.9994	0.9992
18.2	0.9997	0.9996	0.9554	0.9228	0.9995	0.9995	0.9993	0.9992
18.3	0.9997	0.9997	0.9629	0.8973	0.9994	0.9994	0.9993	0.9993
18.4	0.9996	0.9996	0.9523	0.8335	0.9991	0.9992	0.9991	0.9990
18.5	0.9996	0.9995	0.9430	0.7238	0.9991	0.9992	0.9990	0.9989
18.6	0.9993	0.9990	0.8540	0.0004	0.9984	0.9986	0.9981	0.9982
18.7	0.9996	0.9994	0.8860	0.5369	0.9990	0.9991	0.9988	0.9989
18.8	0.9995	0.9995	0.9255	0.7794	0.9990	0.9990	0.9988	0.9988
18.9	0.9995	0.9996	0.9409	0.8230	0.9991	0.9991	0.9988	0.9988
19.0	0.9997	0.9996	0.9547	0.8712	0.9992	0.9992	0.9990	0.9989
19.1	0.9996	0.9996	0.9624	0.9028	0.9991	0.9991	0.9989	0.9989
19.2	0.9996	0.9995	0.9660	0.9399	0.9991	0.9991	0.9989	0.9989
19.3	0.9994	0.9994	0.9712	0.9356	0.9989	0.9989	0.9987	0.9987
19.4	0.9993	0.9993	0.9624	0.9297	0.9987	0.9987	0.9984	0.9985
19.5	0.9996	0.9996	0.9752	0.9437	0.9991	0.9991	0.9989	0.9989
19.6	0.9992	0.9992	0.9687	0.9311	0.9982	0.9983	0.9980	0.9980
19.7	0.9993	0.9992	0.9648	0.9267	0.9982	0.9983	0.9980	0.9979
19.8	0.9995	0.9995	0.9786	0.9281	0.9987	0.9987	0.9985	0.9985
19.9	0.9994	0.9994	0.9775	0.8872	0.9987	0.9987	0.9985	0.9985
20.0	0.9993	0.9993	0.9692	0.8499	0.9986	0.9986	0.9983	0.9983
20.1	0.9993	0.9992	0.9504	0.8125	0.9981	0.9982	0.9978	0.9977
20.2	0.9991	0.9991	0.9125	0.7592	0.9977	0.9977	0.9971	0.9972
20.3	0.9992	0.9992	0.8903	0.7990	0.9980	0.9981	0.9976	0.9977
20.4	0.9989	0.9988	0.9129	0.8376	0.9973	0.9973	0.9968	0.9967
20.5	0.9990	0.9990	0.8942	0.8080	0.9974	0.9974	0.9970	0.9968
20.6	0.9986	0.9985	0.8543	0.7963	0.9962	0.9962	0.9956	0.9956
20.7	0.9981	0.9981	0.8586	0.7924	0.9946	0.9947	0.9939	0.9939
20.8	0.9984	0.9983	0.8741	0.7561	0.9951	0.9952	0.9942	0.9942
20.9	0.9984	0.9983	0.8949	0.7169	0.9948	0.9946	0.9938	0.9936
21.0	0.9987	0.9985	0.8950	0.6479	0.9953	0.9953	0.9945	0.9943
21.1	0.9987	0.9986	0.8637	0.6836	0.9948	0.9949	0.9940	0.9938
21.2	0.9986	0.9985	0.8448	0.7974	0.9950	0.9952	0.9945	0.9940
21.3	0.9986	0.9985	0.8424	0.7677	0.9953	0.9955	0.9945	0.9943
21.4	0.9990	0.9989	0.8845	0.7966	0.9960	0.9960	0.9949	0.9952
21.5	0.9989	0.9988	0.8955	0.8707	0.9953	0.9952	0.9941	0.9941
21.6	0.9984	0.9983	0.8688	0.8427	0.9933	0.9932	0.9917	0.9911
21.7	0.9985	0.9984	0.8846	0.8052	0.9938	0.9937	0.9920	0.9914
21.8	0.9979	0.9979	0.9011	0.7894	0.9923	0.9922	0.9907	0.9895
21.9	0.9979	0.9980	0.9086	0.7533	0.9929	0.9929	0.9913	0.9906
22.0	0.9985	0.9985	0.9307	0.7927	0.9949	0.9950	0.9938	0.9934
22.1	0.9980	0.9979	0.9010	0.7738	0.9943	0.9946	0.9934	0.9924
22.2	0.9978	0.9980	0.8779	0.6971	0.9948	0.9947	0.9937	0.9933
22.3	0.9987	0.9987	0.9292	0.7690	0.9971	0.9970	0.9966	0.9961
22.4	0.9988	0.9988	0.9298	0.7986	0.9975	0.9974	0.9970	0.9967
22.5	0.9987	0.9987	0.9114	0.7633	0.9972	0.9973	0.9965	0.9967
22.6	0.9986	0.9986	0.9146	0.8252	0.9973	0.9973	0.9968	0.9968
22.7	0.9984	0.9983	0.9155	0.8498	0.9972	0.9972	0.9967	0.9966
22.8	0.9986	0.9986	0.9083	0.8567	0.9978	0.9979	0.9974	0.9975
22.9	0.9982	0.9980	0.8764	0.8823	0.9970	0.9971	0.9967	0.9965
23.0	0.9990	0.9989	0.8754	0.9118	0.9984	0.9984	0.9982	0.9980
23.1	0.9986	0.9984	0.8979	0.9326	0.9976	0.9975	0.9972	0.9969
23.2	0.9984	0.9982	0.8815	0.9323	0.9976	0.9977	0.9974	0.9973
23.3	0.9985	0.9983	0.8732	0.9299	0.9978	0.9979	0.9976	0.9975
23.4	0.9980	0.9978	0.8119	0.9055	0.9970	0.9970	0.9966	0.9964
23.5	0.9977	0.9976	0.6916	0.8825	0.9970	0.9969	0.9966	0.9966
23.6	0.9975	0.9973	0.6385	0.8555	0.9968	0.9966	0.9965	0.9963
23.7	0.9968	0.9967	0.6536	0.8729	0.9958	0.9957	0.9955	0.9951
23.8	0.9963	0.9959	0.6712	0.8967	0.9956	0.9957	0.9954	0.9952
23.9	0.9961	0.9958	0.5800	0.8475	0.9953	0.9953	0.9951	0.9949
24.0	0.9970	0.9968	0.7333	0.8889	0.9965	0.9964	0.9962	0.9961
24.1	0.9976	0.9975	0.7428	0.9070	0.9974	0.9973	0.9973	0.9972
24.2	0.9965	0.9963	0.7011	0.9190	0.9962	0.9961	0.9960	0.9959
24.3	0.9967	0.9965	0.6949	0.9063	0.9964	0.9964	0.9964	0.9962
24.4	0.9952	0.9949	0.7733	0.9130	0.9945	0.9945	0.9943	0.9941
24.5	0.9935	0.9934	0.7470	0.8945	0.9928	0.9927	0.9926	0.9921
24.6	0.9967	0.9966	0.8512	0.9232	0.9964	0.9963	0.9963	0.9962
24.7	0.9951	0.9950	0.8616	0.9376	0.9948	0.9948	0.9947	0.9947
24.8	0.9959	0.9958	0.9016	0.9586	0.9957	0.9956	0.9956	0.9954
24.9	0.9955	0.9954	0.8837	0.9574	0.9954	0.9953	0.9953	0.9953
25.0	0.9933	0.9928	0.8700	0.9583	0.9926	0.9925	0.9924	0.9925
25.1	0.9924	0.9920	0.8522	0.9555	0.9916	0.9916	0.9915	0.9916

25.2	0.9934	0.9930	0.8681	0.9565	0.9930	0.9930	0.9929	0.9929
25.3	0.9927	0.9926	0.8602	0.9601	0.9926	0.9927	0.9924	0.9925
25.4	0.9941	0.9941	0.8603	0.9675	0.9942	0.9941	0.9941	0.9941
25.5	0.9939	0.9937	0.8522	0.9717	0.9940	0.9940	0.9941	0.9940
25.6	0.9933	0.9933	0.7733	0.9695	0.9935	0.9934	0.9936	0.9932
25.7	0.9933	0.9931	0.6049	0.9703	0.9935	0.9937	0.9937	0.9934
25.8	0.9934	0.9931	0.2835	0.9751	0.9935	0.9937	0.9936	0.9935
25.9	0.9943	0.9940	0.1904	0.9756	0.9944	0.9945	0.9943	0.9946
26.0	0.9949	0.9949	0.4379	0.9757	0.9952	0.9953	0.9953	0.9954
26.1	0.9944	0.9946	0.5564	0.9779	0.9949	0.9950	0.9950	0.9950
26.2	0.9949	0.9947	0.7284	0.9772	0.9951	0.9953	0.9952	0.9951
26.3	0.9953	0.9951	0.7576	0.9792	0.9956	0.9959	0.9957	0.9957
26.4	0.9944	0.9940	0.8007	0.9781	0.9950	0.9953	0.9950	0.9953
26.5	0.9953	0.9948	0.8282	0.9826	0.9959	0.9962	0.9960	0.9962
26.6	0.9972	0.9971	0.8279	0.9892	0.9975	0.9976	0.9975	0.9976
26.7	0.9954	0.9948	0.8011	0.9839	0.9960	0.9963	0.9961	0.9963
26.8	0.9959	0.9952	0.8453	0.9826	0.9964	0.9969	0.9965	0.9969
26.9	0.9951	0.9942	0.8845	0.9768	0.9959	0.9963	0.9959	0.9965
27.0	0.9966	0.9961	0.9559	0.9874	0.9971	0.9973	0.9972	0.9973
27.1	0.9959	0.9954	0.9459	0.9852	0.9966	0.9968	0.9966	0.9967
27.2	0.9960	0.9952	0.9461	0.9862	0.9968	0.9971	0.9968	0.9971
27.3	0.9968	0.9962	0.9671	0.9903	0.9974	0.9977	0.9976	0.9975
27.4	0.9972	0.9966	0.9673	0.9920	0.9977	0.9978	0.9977	0.9977
27.5	0.9970	0.9960	0.9743	0.9910	0.9975	0.9977	0.9975	0.9976
27.6	0.9968	0.9957	0.9745	0.9901	0.9975	0.9977	0.9976	0.9975
27.7	0.9982	0.9977	0.9764	0.9934	0.9985	0.9985	0.9985	0.9984
27.8	0.9966	0.9963	0.9757	0.9872	0.9972	0.9972	0.9972	0.9972
27.9	0.9974	0.9970	0.9794	0.9909	0.9977	0.9978	0.9978	0.9976
28.0	0.9979	0.9975	0.9845	0.9943	0.9982	0.9983	0.9982	0.9982
28.1	0.9985	0.9979	0.9754	0.9925	0.9986	0.9986	0.9986	0.9984
28.2	0.9986	0.9984	0.9886	0.9916	0.9988	0.9988	0.9988	0.9988
28.3	0.9985	0.9983	0.9917	0.9934	0.9988	0.9989	0.9989	0.9988
28.4	0.9983	0.9981	0.9888	0.9950	0.9986	0.9987	0.9988	0.9985
28.5	0.9984	0.9979	0.9875	0.9957	0.9987	0.9988	0.9989	0.9986
28.6	0.9987	0.9981	0.9897	0.9941	0.9990	0.9991	0.9991	0.9989
28.7	0.9991	0.9985	0.9878	0.9937	0.9991	0.9992	0.9992	0.9990
28.8	0.9988	0.9982	0.9900	0.9921	0.9989	0.9990	0.9991	0.9987
28.9	0.9989	0.9984	0.9894	0.9913	0.9990	0.9991	0.9992	0.9990
29.0	0.9990	0.9984	0.9882	0.9909	0.9990	0.9991	0.9990	0.9989
29.1	0.9989	0.9984	0.9882	0.9911	0.9990	0.9992	0.9990	0.9990
29.2	0.9989	0.9985	0.9856	0.9888	0.9991	0.9992	0.9991	0.9990
29.3	0.9988	0.9983	0.9810	0.9892	0.9990	0.9991	0.9990	0.9990
29.4	0.9991	0.9986	0.9854	0.9915	0.9992	0.9993	0.9992	0.9992
29.5	0.9991	0.9989	0.9844	0.9874	0.9992	0.9993	0.9992	0.9992
29.6	0.9988	0.9985	0.9814	0.9836	0.9989	0.9990	0.9989	0.9988
29.7	0.9990	0.9988	0.9736	0.9841	0.9991	0.9991	0.9990	0.9988
29.8	0.9991	0.9988	0.9812	0.9881	0.9992	0.9992	0.9991	0.9991
29.9	0.9991	0.9989	0.9832	0.9880	0.9991	0.9991	0.9990	0.9989
30.0	0.9990	0.9989	0.9743	0.9817	0.9990	0.9990	0.9988	0.9989
30.1	0.9991	0.9991	0.9774	0.9809	0.9991	0.9991	0.9989	0.9990
30.2	0.9991	0.9991	0.9780	0.9854	0.9991	0.9991	0.9991	0.9989
30.3	0.9992	0.9993	0.9830	0.9883	0.9993	0.9993	0.9993	0.9992
30.4	0.9992	0.9992	0.9816	0.9899	0.9992	0.9993	0.9992	0.9992
30.5	0.9991	0.9993	0.9837	0.9847	0.9992	0.9992	0.9990	0.9992
30.6	0.9990	0.9992	0.9817	0.9831	0.9992	0.9992	0.9989	0.9992
30.7	0.9994	0.9995	0.9854	0.9883	0.9994	0.9995	0.9993	0.9994
30.8	0.9992	0.9992	0.9783	0.9855	0.9992	0.9993	0.9992	0.9992
30.9	0.9993	0.9994	0.9818	0.9857	0.9993	0.9993	0.9993	0.9992
31.0	0.9993	0.9995	0.9806	0.9792	0.9993	0.9994	0.9993	0.9992
31.1	0.9993	0.9995	0.9838	0.9776	0.9994	0.9994	0.9992	0.9993
31.2	0.9993	0.9995	0.9827	0.9786	0.9993	0.9994	0.9992	0.9992
31.3	0.9995	0.9996	0.9774	0.9776	0.9994	0.9994	0.9993	0.9993
31.4	0.9992	0.9993	0.9735	0.9647	0.9992	0.9993	0.9991	0.9992
31.5	0.9992	0.9993	0.9698	0.9651	0.9991	0.9991	0.9990	0.9990
31.6	0.9991	0.9992	0.9728	0.9646	0.9992	0.9992	0.9989	0.9992
31.7	0.9993	0.9994	0.9756	0.9660	0.9994	0.9994	0.9993	0.9993
31.8	0.9988	0.9990	0.9600	0.9563	0.9989	0.9990	0.9987	0.9989
31.9	0.9993	0.9994	0.9632	0.9706	0.9993	0.9994	0.9991	0.9993
32.0	0.9992	0.9994	0.9615	0.9629	0.9992	0.9992	0.9989	0.9992
32.1	0.9984	0.9987	0.9589	0.9477	0.9984	0.9985	0.9982	0.9984
32.2	0.9986	0.9990	0.9483	0.9471	0.9987	0.9987	0.9984	0.9986
32.3	0.9987	0.9990	0.9370	0.9330	0.9987	0.9988	0.9984	0.9987
32.4	0.9981	0.9985	0.9006	0.9135	0.9981	0.9982	0.9979	0.9978
32.5	0.9969	0.9977	0.8547	0.8832	0.9967	0.9970	0.9964	0.9964
32.6	0.9964	0.9975	0.8355	0.8981	0.9959	0.9960	0.9955	0.9957
32.7	0.9962	0.9975	0.8246	0.9162	0.9958	0.9959	0.9954	0.9955
32.8	0.9967	0.9980	0.8032	0.9123	0.9964	0.9965	0.9962	0.9956
32.9	0.9955	0.9974	0.7859	0.9253	0.9940	0.9948	0.9942	0.9933
33.0	0.9941	0.9967	0.7207	0.9382	0.9921	0.9931	0.9918	0.9917
33.1	0.9896	0.9943	0.7803	0.9274	0.9863	0.9877	0.9854	0.9857
33.2	0.9827	0.9904	0.8191	0.9213	0.9775	0.9793	0.9762	0.9763
33.3	0.9810	0.9886	0.8632	0.9394	0.9752	0.9769	0.9753	0.9740
33.4	0.9833	0.9891	0.8987	0.9500	0.9778	0.9796	0.9785	0.9768
33.5	0.9833	0.9881	0.9330	0.9601	0.9794	0.9802	0.9796	0.9783
33.6	0.9819	0.9872	0.9298	0.9632	0.9783	0.9792	0.9782	0.9781
33.7	0.9819	0.9868	0.9241	0.9601	0.9795	0.9801	0.9799	0.9784

33.8	0.9762	0.9830	0.9141	0.9498	0.9734	0.9739	0.9735	0.9719
33.9	0.9904	0.9933	0.9637	0.9776	0.9899	0.9900	0.9897	0.9896
34.0	0.9908	0.9943	0.9707	0.9782	0.9916	0.9915	0.9911	0.9915
34.1	0.9920	0.9949	0.9734	0.9799	0.9924	0.9925	0.9923	0.9923
34.2	0.9919	0.9950	0.9811	0.9810	0.9928	0.9928	0.9926	0.9926
34.3	0.9953	0.9971	0.9871	0.9852	0.9960	0.9959	0.9959	0.9958
34.4	0.9963	0.9978	0.9899	0.9879	0.9971	0.9970	0.9969	0.9970
34.5	0.9964	0.9979	0.9898	0.9880	0.9974	0.9973	0.9972	0.9971
34.6	0.9959	0.9978	0.9908	0.9871	0.9973	0.9970	0.9968	0.9970
34.7	0.9971	0.9984	0.9904	0.9877	0.9981	0.9979	0.9977	0.9978
34.8	0.9966	0.9982	0.9918	0.9862	0.9981	0.9978	0.9976	0.9978
34.9	0.9965	0.9981	0.9929	0.9864	0.9981	0.9978	0.9977	0.9978
35.0	0.9972	0.9986	0.9911	0.9881	0.9984	0.9982	0.9982	0.9980
35.1	0.9976	0.9987	0.9918	0.9900	0.9985	0.9984	0.9984	0.9981
35.2	0.9977	0.9987	0.9930	0.9885	0.9986	0.9985	0.9983	0.9984
35.3	0.9970	0.9985	0.9933	0.9819	0.9985	0.9983	0.9982	0.9981
35.4	0.9963	0.9983	0.9924	0.9773	0.9984	0.9982	0.9980	0.9981
35.5	0.9967	0.9985	0.9937	0.9795	0.9983	0.9981	0.9978	0.9980
35.6	0.9972	0.9987	0.9940	0.9833	0.9984	0.9983	0.9982	0.9982
35.7	0.9977	0.9989	0.9948	0.9848	0.9988	0.9986	0.9985	0.9984
35.8	0.9967	0.9985	0.9921	0.9750	0.9986	0.9984	0.9981	0.9983
35.9	0.9965	0.9985	0.9912	0.9669	0.9987	0.9985	0.9981	0.9984
36.0	0.9978	0.9992	0.9944	0.9751	0.9992	0.9991	0.9987	0.9991
36.1	0.9972	0.9989	0.9928	0.9761	0.9990	0.9988	0.9982	0.9989
36.2	0.9968	0.9987	0.9920	0.9744	0.9988	0.9986	0.9982	0.9983
36.3	0.9975	0.9990	0.9921	0.9817	0.9990	0.9989	0.9987	0.9987
36.4	0.9975	0.9991	0.9932	0.9788	0.9990	0.9989	0.9987	0.9985
36.5	0.9972	0.9989	0.9893	0.9696	0.9987	0.9986	0.9982	0.9981
36.6	0.9966	0.9986	0.9885	0.9671	0.9985	0.9983	0.9979	0.9978
36.7	0.9967	0.9988	0.9906	0.9665	0.9985	0.9983	0.9983	0.9976
36.8	0.9974	0.9989	0.9931	0.9749	0.9985	0.9983	0.9984	0.9974
36.9	0.9969	0.9987	0.9911	0.9613	0.9980	0.9979	0.9982	0.9966
37.0	0.9979	0.9991	0.9903	0.9598	0.9990	0.9989	0.9988	0.9982
37.1	0.9972	0.9988	0.9868	0.9434	0.9987	0.9986	0.9980	0.9979
37.2	0.9975	0.9990	0.9890	0.9461	0.9987	0.9987	0.9982	0.9980
37.3	0.9980	0.9992	0.9915	0.9373	0.9988	0.9988	0.9985	0.9979
37.4	0.9979	0.9991	0.9909	0.9204	0.9986	0.9986	0.9980	0.9977
37.5	0.9981	0.9992	0.9936	0.9456	0.9988	0.9988	0.9981	0.9980
37.6	0.9986	0.9993	0.9933	0.9631	0.9990	0.9989	0.9987	0.9982
37.7	0.9978	0.9991	0.9920	0.9456	0.9988	0.9988	0.9985	0.9978
37.8	0.9981	0.9991	0.9927	0.9427	0.9986	0.9987	0.9981	0.9975
37.9	0.9980	0.9989	0.9906	0.9446	0.9981	0.9982	0.9975	0.9968
38.0	0.9982	0.9991	0.9930	0.9588	0.9987	0.9987	0.9981	0.9975
38.1	0.9975	0.9989	0.9908	0.9570	0.9977	0.9977	0.9969	0.9957
38.2	0.9968	0.9986	0.9898	0.9645	0.9981	0.9981	0.9970	0.9965
38.3	0.9970	0.9985	0.9889	0.9658	0.9981	0.9981	0.9971	0.9968
38.4	0.9972	0.9986	0.9913	0.9664	0.9980	0.9981	0.9970	0.9969
38.5	0.9976	0.9988	0.9931	0.9652	0.9984	0.9984	0.9979	0.9974
38.6	0.9967	0.9987	0.9899	0.9655	0.9970	0.9971	0.9961	0.9959
38.7	0.9966	0.9986	0.9908	0.9746	0.9972	0.9973	0.9957	0.9965
38.8	0.9978	0.9988	0.9934	0.9756	0.9979	0.9980	0.9974	0.9969
38.9	0.9974	0.9986	0.9924	0.9720	0.9973	0.9974	0.9968	0.9962
39.0	0.9981	0.9991	0.9948	0.9832	0.9985	0.9985	0.9983	0.9976
39.1	0.9975	0.9990	0.9938	0.9878	0.9981	0.9982	0.9975	0.9972
39.2	0.9979	0.9990	0.9948	0.9869	0.9982	0.9983	0.9979	0.9976
39.3	0.9976	0.9990	0.9946	0.9874	0.9984	0.9985	0.9980	0.9979
39.4	0.9974	0.9988	0.9944	0.9883	0.9983	0.9984	0.9983	0.9976
39.5	0.9971	0.9982	0.9932	0.9845	0.9974	0.9976	0.9969	0.9971
39.6	0.9962	0.9981	0.9898	0.9806	0.9969	0.9971	0.9967	0.9963
39.7	0.9969	0.9985	0.9883	0.9849	0.9980	0.9981	0.9978	0.9972
39.8	0.9963	0.9983	0.9899	0.9780	0.9976	0.9977	0.9969	0.9975
39.9	0.9960	0.9976	0.9859	0.9801	0.9959	0.9960	0.9950	0.9962
40.0	0.9957	0.9981	0.9905	0.9863	0.9965	0.9966	0.9959	0.9966
40.1	0.9952	0.9979	0.9886	0.9798	0.9962	0.9963	0.9952	0.9964
40.2	0.9964	0.9978	0.9885	0.9825	0.9965	0.9967	0.9963	0.9963
40.3	0.9969	0.9973	0.9894	0.9850	0.9966	0.9967	0.9962	0.9965
40.4	0.9970	0.9976	0.9887	0.9774	0.9966	0.9965	0.9963	0.9960
40.5	0.9971	0.9977	0.9912	0.9834	0.9969	0.9969	0.9970	0.9963
40.6	0.9968	0.9979	0.9903	0.9862	0.9968	0.9968	0.9964	0.9967
40.7	0.9971	0.9981	0.9893	0.9819	0.9971	0.9972	0.9972	0.9964
40.8	0.9974	0.9981	0.9885	0.9805	0.9964	0.9964	0.9962	0.9963
40.9	0.9966	0.9979	0.9885	0.9801	0.9965	0.9967	0.9961	0.9966
41.0	0.9970	0.9982	0.9833	0.9806	0.9962	0.9964	0.9958	0.9963
41.1	0.9972	0.9982	0.9856	0.9781	0.9952	0.9954	0.9950	0.9953
41.2	0.9968	0.9982	0.9816	0.9719	0.9959	0.9961	0.9951	0.9960
41.3	0.9979	0.9983	0.9833	0.9774	0.9961	0.9961	0.9961	0.9960
41.4	0.9980	0.9984	0.9826	0.9751	0.9954	0.9951	0.9957	0.9950
41.5	0.9974	0.9980	0.9710	0.9701	0.9955	0.9955	0.9958	0.9951
41.6	0.9972	0.9974	0.9613	0.9586	0.9931	0.9930	0.9932	0.9935
41.7	0.9976	0.9977	0.9561	0.9694	0.9927	0.9927	0.9923	0.9936
41.8	0.9976	0.9977	0.9467	0.9678	0.9926	0.9929	0.9928	0.9927
41.9	0.9977	0.9979	0.9664	0.9677	0.9945	0.9946	0.9948	0.9947
42.0	0.9970	0.9977	0.9591	0.9574	0.9933	0.9934	0.9937	0.9937
42.1	0.9974	0.9985	0.9525	0.9567	0.9948	0.9950	0.9947	0.9949
42.2	0.9975	0.9984	0.9314	0.9542	0.9928	0.9927	0.9927	0.9928
42.3	0.9983	0.9989	0.9377	0.9599	0.9924	0.9925	0.9917	0.9925

42.4	0.9982	0.9988	0.9647	0.9694	0.9949	0.9952	0.9944	0.9945
42.5	0.9984	0.9983	0.9522	0.9656	0.9919	0.9922	0.9922	0.9925
42.6	0.9983	0.9981	0.9476	0.9574	0.9915	0.9917	0.9917	0.9918
42.7	0.9976	0.9974	0.9453	0.9523	0.9917	0.9922	0.9911	0.9921
42.8	0.9972	0.9975	0.9522	0.9383	0.9912	0.9921	0.9906	0.9928
42.9	0.9978	0.9981	0.9437	0.9427	0.9883	0.9889	0.9893	0.9876
43.0	0.9984	0.9984	0.9429	0.9591	0.9904	0.9907	0.9916	0.9898
43.1	0.9986	0.9982	0.9388	0.9685	0.9896	0.9907	0.9911	0.9898
43.2	0.9977	0.9974	0.9423	0.9528	0.9916	0.9928	0.9937	0.9907
43.3	0.9983	0.9977	0.9392	0.9556	0.9913	0.9920	0.9911	0.9919
43.4	0.9985	0.9980	0.9323	0.9515	0.9902	0.9916	0.9906	0.9911
43.5	0.9982	0.9976	0.9193	0.9534	0.9882	0.9900	0.9902	0.9876
43.6	0.9979	0.9975	0.8992	0.9364	0.9857	0.9871	0.9885	0.9847
43.7	0.9984	0.9974	0.9009	0.9426	0.9881	0.9895	0.9904	0.9867
43.8	0.9987	0.9977	0.8973	0.9383	0.9895	0.9905	0.9922	0.9883
43.9	0.9983	0.9974	0.8865	0.9507	0.9874	0.9889	0.9904	0.9838
44.0	0.9981	0.9974	0.8380	0.9521	0.9862	0.9883	0.9881	0.9858
44.1	0.9983	0.9976	0.7413	0.9360	0.9838	0.9857	0.9858	0.9833
44.2	0.9986	0.9982	0.8710	0.9477	0.9852	0.9857	0.9891	0.9806
44.3	0.9987	0.9979	0.8593	0.9281	0.9806	0.9833	0.9852	0.9788
44.4	0.9981	0.9975	0.8271	0.8786	0.9807	0.9834	0.9845	0.9778
44.5	0.9980	0.9975	0.8065	0.9067	0.9810	0.9829	0.9836	0.9809
44.6	0.9982	0.9979	0.7567	0.9224	0.9825	0.9850	0.9830	0.9817
44.7	0.9982	0.9981	0.7728	0.9330	0.9797	0.9831	0.9812	0.9799
44.8	0.9981	0.9979	0.6904	0.9150	0.9746	0.9770	0.9775	0.9744
44.9	0.9986	0.9981	0.5781	0.9232	0.9760	0.9799	0.9774	0.9754
45.0	0.9984	0.9978	0.4178	0.9113	0.9706	0.9768	0.9690	0.9749
45.1	0.9981	0.9976	0.2816	0.9049	0.9687	0.9776	0.9625	0.9758
45.2	0.9978	0.9972	0.4771	0.9047	0.9638	0.9754	0.9562	0.9695
45.3	0.9980	0.9964	0.5370	0.8981	0.9545	0.9694	0.9420	0.9638
45.4	0.9979	0.9970	0.3909	0.9042	0.9633	0.9731	0.9500	0.9651
45.5	0.9975	0.9975	0.6008	0.9257	0.9727	0.9812	0.9587	0.9704
45.6	0.9976	0.9971	0.4849	0.8905	0.9620	0.9722	0.9294	0.9616
45.7	0.9976	0.9964	0.4339	0.8746	0.9676	0.9750	0.9329	0.9628
45.8	0.9963	0.9958	0.4982	0.8382	0.9648	0.9721	0.8906	0.9658
45.9	0.9963	0.9958	0.5368	0.8659	0.9659	0.9783	0.8671	0.9711
46.0	0.9963	0.9963	0.3484	0.9065	0.9560	0.9693	0.8238	0.9619
46.1	0.9963	0.9947	0.0782	0.8786	0.9568	0.9664	0.8449	0.9593
46.2	0.9966	0.9942	0.0721	0.8720	0.9685	0.9766	0.8586	0.9610
46.3	0.9968	0.9956	0.3855	0.8774	0.9770	0.9809	0.8672	0.9723
46.4	0.9973	0.9955	0.4950	0.8703	0.9776	0.9787	0.8692	0.9737
46.5	0.9974	0.9954	0.4514	0.8558	0.9818	0.9822	0.8734	0.9698
46.6	0.9971	0.9955	0.3087	0.8566	0.9786	0.9808	0.8735	0.9624
46.7	0.9967	0.9960	0.2849	0.8527	0.9810	0.9805	0.9037	0.9660
46.8	0.9964	0.9959	0.3733	0.8548	0.9823	0.9818	0.9000	0.9619
46.9	0.9957	0.9964	0.3489	0.8543	0.9837	0.9830	0.9290	0.9646
47.0	0.9952	0.9963	0.1523	0.8499	0.9886	0.9864	0.9450	0.9699
47.1	0.9953	0.9950	0.2161	0.8078	0.9864	0.9825	0.9491	0.9655
47.2	0.9963	0.9953	0.4393	0.8292	0.9862	0.9827	0.9492	0.9665
47.3	0.9958	0.9953	0.3225	0.8283	0.9840	0.9821	0.9347	0.9639
47.4	0.9961	0.9952	0.2876	0.8405	0.9833	0.9812	0.9362	0.9586
47.5	0.9971	0.9963	0.1883	0.8145	0.9905	0.9888	0.9607	0.9697
47.6	0.9973	0.9963	0.1660	0.7292	0.9906	0.9900	0.9700	0.9732
47.7	0.9964	0.9944	0.1416	0.6648	0.9862	0.9849	0.9700	0.9676
47.8	0.9962	0.9947	0.1330	0.6950	0.9898	0.9862	0.9736	0.9728
47.9	0.9968	0.9956	0.0903	0.3946	0.9844	0.9815	0.9549	0.9460
48.0	0.9970	0.9966	0.0011	0.3479	0.9848	0.9833	0.9506	0.9416
48.1	0.9974	0.9970	0.1302	0.5372	0.9918	0.9915	0.9827	0.9771
48.2	0.9963	0.9949	0.3292	0.5236	0.9904	0.9891	0.9862	0.9785
48.3	0.9946	0.9920	0.5410	0.4987	0.9875	0.9845	0.9794	0.9770
48.4	0.9945	0.9949	0.6580	0.4621	0.9915	0.9898	0.9868	0.9820
48.5	0.9937	0.9953	0.4578	0.4661	0.9915	0.9899	0.9868	0.9825
48.6	0.9944	0.9924	0.3780	0.2412	0.9905	0.9892	0.9829	0.9793
48.7	0.9927	0.9885	0.4035	0.2836	0.9924	0.9910	0.9829	0.9767
48.8	0.9956	0.9929	0.4990	0.6339	0.9950	0.9940	0.9919	0.9873
48.9	0.9955	0.9957	0.4146	0.7361	0.9949	0.9944	0.9927	0.9876
49.0	0.9926	0.9940	0.2760	0.6139	0.9927	0.9927	0.9891	0.9838
49.1	0.9937	0.9910	0.3439	0.4380	0.9924	0.9926	0.9895	0.9796
49.2	0.9930	0.9882	0.3155	0.2578	0.9917	0.9924	0.9886	0.9782
49.3	0.9880	0.9826	0.1942	0.1561	0.9900	0.9913	0.9862	0.9686
49.4	0.9874	0.9833	0.2012	0.1976	0.9897	0.9908	0.9856	0.9644
49.5	0.9876	0.9852	0.3048	0.2754	0.9907	0.9903	0.9866	0.9699
49.6	0.9857	0.9870	0.2953	0.0911	0.9908	0.9905	0.9867	0.9721
49.7	0.9675	0.9521	0.1548	0.0657	0.9751	0.9795	0.9493	0.9056
49.8	0.9144	0.8531	0.0647	0.0670	0.9361	0.9507	0.8615	0.7461
49.9	0.9462	0.9108	0.0689	0.0621	0.9594	0.9688	0.9105	0.8304
50.0	0.9874	0.9831	0.1765	0.1509	0.9917	0.9914	0.9863	0.9721
50.1	0.9814	0.9745	0.1305	0.0315	0.9898	0.9907	0.9803	0.9602
50.2	0.9846	0.9824	0.1777	0.0414	0.9905	0.9909	0.9839	0.9655
50.3	0.9934	0.9919	0.5503	0.2065	0.9950	0.9949	0.9933	0.9880
50.4	0.9894	0.9863	0.5120	0.1649	0.9951	0.9944	0.9930	0.9880
50.5	0.9875	0.9820	0.4556	0.0269	0.9958	0.9954	0.9936	0.9879
50.6	0.9904	0.9867	0.6387	0.0908	0.9961	0.9959	0.9952	0.9912
50.7	0.9905	0.9834	0.6396	0.1426	0.9957	0.9962	0.9952	0.9921
50.8	0.9867	0.9684	0.6088	0.1971	0.9941	0.9946	0.9931	0.9898
50.9	0.9842	0.9701	0.5334	0.2027	0.9926	0.9919	0.9913	0.9860

51.0	0.9874	0.9829	0.7268	0.3520	0.9931	0.9932	0.9929	0.9899
51.1	0.9924	0.9868	0.8389	0.4197	0.9949	0.9946	0.9946	0.9921
51.2	0.9930	0.9893	0.8594	0.5065	0.9943	0.9941	0.9941	0.9929
51.3	0.9922	0.9908	0.8056	0.4710	0.9955	0.9953	0.9946	0.9929
51.4	0.9854	0.9830	0.6892	0.0795	0.9945	0.9947	0.9919	0.9864
51.5	0.9860	0.9861	0.6742	0.1346	0.9949	0.9956	0.9933	0.9880
51.6	0.9925	0.9914	0.8533	0.3883	0.9961	0.9964	0.9963	0.9938
51.7	0.9914	0.9894	0.8196	0.4625	0.9963	0.9961	0.9957	0.9943
51.8	0.9938	0.9925	0.8451	0.5909	0.9964	0.9966	0.9959	0.9950
51.9	0.9948	0.9934	0.8453	0.6333	0.9969	0.9970	0.9963	0.9950
52.0	0.9948	0.9938	0.8363	0.6096	0.9968	0.9965	0.9963	0.9944
52.1	0.9948	0.9927	0.7775	0.5934	0.9956	0.9957	0.9956	0.9938
52.2	0.9925	0.9918	0.6930	0.6497	0.9948	0.9951	0.9949	0.9943
52.3	0.9947	0.9936	0.7555	0.6679	0.9967	0.9968	0.9968	0.9957
52.4	0.9954	0.9944	0.6795	0.6321	0.9967	0.9966	0.9963	0.9953
52.5	0.9944	0.9948	0.6066	0.7005	0.9960	0.9958	0.9956	0.9949
52.6	0.9953	0.9943	0.5673	0.7320	0.9961	0.9962	0.9964	0.9951
52.7	0.9943	0.9945	0.5904	0.7400	0.9955	0.9955	0.9954	0.9940
52.8	0.9934	0.9941	0.5770	0.7891	0.9961	0.9958	0.9957	0.9940
52.9	0.9959	0.9941	0.7060	0.6889	0.9965	0.9964	0.9963	0.9946
53.0	0.9939	0.9936	0.6459	0.5582	0.9940	0.9934	0.9931	0.9922
53.1	0.9936	0.9948	0.7449	0.4452	0.9948	0.9947	0.9944	0.9940
53.2	0.9964	0.9963	0.8176	0.6085	0.9972	0.9967	0.9967	0.9964
53.3	0.9962	0.9960	0.8324	0.5649	0.9965	0.9966	0.9966	0.9958
53.4	0.9932	0.9933	0.8061	0.2720	0.9939	0.9938	0.9941	0.9927
53.5	0.9941	0.9937	0.7654	0.4433	0.9954	0.9954	0.9950	0.9946
53.6	0.9957	0.9954	0.7531	0.6465	0.9969	0.9970	0.9968	0.9968
53.7	0.9951	0.9945	0.8171	0.6743	0.9964	0.9962	0.9965	0.9957
53.8	0.9926	0.9930	0.8320	0.6567	0.9945	0.9942	0.9941	0.9938
53.9	0.9913	0.9910	0.8732	0.5964	0.9941	0.9936	0.9938	0.9933
54.0	0.9896	0.9887	0.8398	0.5561	0.9927	0.9921	0.9926	0.9908
54.1	0.9923	0.9918	0.8470	0.6127	0.9950	0.9944	0.9949	0.9944
54.2	0.9928	0.9904	0.7895	0.6915	0.9940	0.9938	0.9939	0.9939
54.3	0.9914	0.9917	0.8678	0.7340	0.9940	0.9942	0.9941	0.9938
54.4	0.9922	0.9900	0.8918	0.7922	0.9947	0.9948	0.9945	0.9946
54.5	0.9912	0.9890	0.8832	0.7622	0.9942	0.9943	0.9940	0.9940
54.6	0.9912	0.9913	0.8814	0.8049	0.9935	0.9934	0.9935	0.9933
54.7	0.9933	0.9912	0.8880	0.8441	0.9958	0.9956	0.9956	0.9953
54.8	0.9926	0.9905	0.8561	0.8257	0.9950	0.9948	0.9948	0.9952
54.9	0.9924	0.9924	0.8760	0.8111	0.9953	0.9954	0.9950	0.9955
55.0	0.9891	0.9877	0.8575	0.8241	0.9932	0.9932	0.9928	0.9925
55.1	0.9879	0.9856	0.8768	0.7891	0.9934	0.9935	0.9937	0.9931
55.2	0.9909	0.9853	0.8523	0.7987	0.9947	0.9949	0.9955	0.9949
55.3	0.9885	0.9809	0.8026	0.7665	0.9949	0.9949	0.9951	0.9949
55.4	0.9897	0.9867	0.8291	0.7891	0.9945	0.9941	0.9944	0.9940
55.5	0.9834	0.9809	0.7517	0.7233	0.9910	0.9908	0.9911	0.9912
55.6	0.9869	0.9858	0.7940	0.7624	0.9953	0.9952	0.9952	0.9958
55.7	0.9839	0.9804	0.8064	0.7039	0.9930	0.9933	0.9935	0.9934
55.8	0.9842	0.9828	0.8058	0.7428	0.9933	0.9929	0.9934	0.9928
55.9	0.9859	0.9820	0.8151	0.7177	0.9943	0.9940	0.9942	0.9933
56.0	0.9863	0.9830	0.8065	0.6867	0.9947	0.9950	0.9946	0.9943
56.1	0.9790	0.9785	0.6382	0.5470	0.9938	0.9942	0.9941	0.9940
56.2	0.9745	0.9641	0.6156	0.6049	0.9920	0.9927	0.9926	0.9917
56.3	0.9723	0.9598	0.6652	0.6177	0.9913	0.9913	0.9921	0.9908
56.4	0.9789	0.9732	0.6744	0.6499	0.9951	0.9947	0.9953	0.9945
56.5	0.9637	0.9652	0.5957	0.7042	0.9931	0.9922	0.9934	0.9918
56.6	0.9645	0.9666	0.5761	0.6791	0.9929	0.9923	0.9927	0.9924
56.7	0.9630	0.9689	0.6456	0.6667	0.9924	0.9922	0.9922	0.9911
56.8	0.9745	0.9705	0.6710	0.6135	0.9943	0.9943	0.9946	0.9927
56.9	0.9738	0.9663	0.5842	0.4826	0.9942	0.9944	0.9950	0.9933
57.0	0.9586	0.9447	0.5437	0.5213	0.9907	0.9896	0.9918	0.9887
57.1	0.9597	0.9489	0.5914	0.5545	0.9884	0.9871	0.9901	0.9856
57.2	0.9601	0.9531	0.5631	0.5143	0.9929	0.9926	0.9941	0.9914
57.3	0.9471	0.9480	0.5749	0.4063	0.9936	0.9935	0.9940	0.9920
57.4	0.9235	0.9146	0.6195	0.4611	0.9903	0.9893	0.9906	0.9870
57.5	0.9365	0.9055	0.4872	0.5150	0.9878	0.9869	0.9889	0.9840
57.6	0.9220	0.8981	0.4392	0.4511	0.9885	0.9879	0.9897	0.9857
57.7	0.9186	0.9079	0.5305	0.5516	0.9890	0.9887	0.9898	0.9879
57.8	0.9145	0.8999	0.5918	0.5242	0.9893	0.9896	0.9905	0.9886
57.9	0.9370	0.9292	0.7000	0.6087	0.9899	0.9891	0.9908	0.9876
58.0	0.9568	0.9318	0.6762	0.6279	0.9906	0.9904	0.9912	0.9882
58.1	0.9442	0.9131	0.5606	0.6678	0.9898	0.9898	0.9912	0.9884
58.2	0.9205	0.9229	0.5076	0.5305	0.9870	0.9858	0.9891	0.9848
58.3	0.9024	0.9107	0.5850	0.4983	0.9858	0.9856	0.9879	0.9808
58.4	0.8898	0.8484	0.5083	0.5480	0.9881	0.9874	0.9899	0.9850
58.5	0.9160	0.8943	0.4852	0.5574	0.9888	0.9875	0.9902	0.9855
58.6	0.9163	0.9034	0.5054	0.5872	0.9856	0.9852	0.9862	0.9815
58.7	0.9240	0.9155	0.5286	0.6141	0.9868	0.9860	0.9882	0.9807
58.8	0.9097	0.9059	0.5019	0.6299	0.9846	0.9835	0.9860	0.9814
58.9	0.8872	0.8655	0.4175	0.5790	0.9797	0.9784	0.9839	0.9743
59.0	0.8965	0.8857	0.5030	0.6365	0.9849	0.9836	0.9874	0.9811
59.1	0.9178	0.8963	0.5731	0.6529	0.9867	0.9866	0.9907	0.9831
59.2	0.9293	0.8992	0.6591	0.6112	0.9885	0.9869	0.9910	0.9825
59.3	0.8960	0.8988	0.5852	0.6106	0.9852	0.9854	0.9885	0.9800
59.4	0.8915	0.8935	0.4714	0.6289	0.9884	0.9895	0.9913	0.9847
59.5	0.9007	0.9009	0.5507	0.6493	0.9888	0.9881	0.9915	0.9844

59.6	0.8434	0.8690	0.5480	0.6019	0.9854	0.9852	0.9887	0.9825
59.7	0.7945	0.8900	0.5643	0.5738	0.9833	0.9841	0.9880	0.9771
59.8	0.8460	0.8854	0.6263	0.6410	0.9865	0.9858	0.9905	0.9779
59.9	0.0036	0.0951	0.0139	0.0554	0.9302	0.9176	0.9604	0.8714
60.0	0.0178	0.0993	0.0342	0.0660	0.7806	0.7495	0.8890	0.6309
60.1	0.0073	0.0590	0.0081	0.0415	0.9134	0.9068	0.9569	0.8456
60.2	0.7561	0.8415	0.4023	0.5595	0.9799	0.9819	0.9831	0.9749
60.3	0.7884	0.8660	0.5798	0.5646	0.9850	0.9861	0.9884	0.9783
60.4	0.7940	0.8633	0.5586	0.5007	0.9871	0.9859	0.9893	0.9789
60.5	0.7826	0.8842	0.4977	0.6335	0.9852	0.9853	0.9895	0.9788
60.6	0.7689	0.8716	0.5086	0.6124	0.9822	0.9828	0.9898	0.9750
60.7	0.8477	0.8690	0.5567	0.6113	0.9861	0.9861	0.9911	0.9789
60.8	0.8631	0.8707	0.5178	0.5389	0.9833	0.9835	0.9904	0.9744
60.9	0.8418	0.8764	0.3632	0.4814	0.9840	0.9843	0.9904	0.9703
61.0	0.8172	0.8892	0.4181	0.5243	0.9868	0.9851	0.9908	0.9731
61.1	0.7646	0.8614	0.4958	0.4454	0.9800	0.9776	0.9851	0.9624
61.2	0.7227	0.8569	0.4921	0.5572	0.9802	0.9798	0.9838	0.9676
61.3	0.8218	0.8889	0.5103	0.5937	0.9875	0.9874	0.9911	0.9784
61.4	0.8173	0.8558	0.5180	0.5165	0.9854	0.9868	0.9910	0.9788
61.5	0.8211	0.8420	0.4530	0.5800	0.9841	0.9841	0.9897	0.9730
61.6	0.7718	0.8708	0.3544	0.6112	0.9817	0.9830	0.9892	0.9694
61.7	0.8106	0.8774	0.4192	0.6407	0.9847	0.9842	0.9893	0.9766
61.8	0.7703	0.8407	0.4910	0.5581	0.9850	0.9830	0.9873	0.9773
61.9	0.7536	0.8253	0.4489	0.5195	0.9788	0.9790	0.9827	0.9694
62.0	0.8320	0.8933	0.3795	0.5207	0.9831	0.9842	0.9866	0.9663
62.1	0.7871	0.8990	0.3433	0.5976	0.9809	0.9793	0.9847	0.9609
62.2	0.7415	0.8546	0.2989	0.5674	0.9760	0.9703	0.9796	0.9584
62.3	0.8418	0.8885	0.2895	0.6481	0.9828	0.9810	0.9851	0.9674
62.4	0.8417	0.8830	0.3412	0.5599	0.9793	0.9782	0.9840	0.9649
62.5	0.7835	0.8101	0.3939	0.4545	0.9725	0.9728	0.9817	0.9514
62.6	0.7826	0.8696	0.4266	0.5180	0.9779	0.9772	0.9841	0.9621
62.7	0.7858	0.8830	0.2707	0.5190	0.9791	0.9755	0.9828	0.9647
62.8	0.8407	0.9000	0.4049	0.5730	0.9834	0.9815	0.9855	0.9736
62.9	0.8393	0.9098	0.4067	0.5769	0.9829	0.9816	0.9834	0.9713
63.0	0.8275	0.8962	0.3456	0.4323	0.9774	0.9764	0.9790	0.9623
63.1	0.8125	0.8830	0.2594	0.5027	0.9798	0.9821	0.9824	0.9720
63.2	0.8155	0.8800	0.3605	0.6236	0.9789	0.9818	0.9824	0.9701
63.3	0.8060	0.8555	0.3724	0.5518	0.9819	0.9811	0.9824	0.9673
63.4	0.8038	0.8533	0.3448	0.5749	0.9776	0.9755	0.9759	0.9510
63.5	0.8526	0.8729	0.4002	0.6149	0.9740	0.9722	0.9738	0.9615
63.6	0.8539	0.8287	0.2779	0.5343	0.9689	0.9710	0.9715	0.9588
63.7	0.8364	0.8560	0.2379	0.5739	0.9702	0.9681	0.9744	0.9486
63.8	0.8347	0.8915	0.2765	0.5534	0.9782	0.9782	0.9778	0.9643
63.9	0.8106	0.8736	0.3580	0.5836	0.9689	0.9768	0.9702	0.9598
64.0	0.8288	0.8770	0.4565	0.6269	0.9648	0.9729	0.9724	0.9482
64.1	0.8069	0.8431	0.4021	0.6067	0.9677	0.9646	0.9691	0.9392
64.2	0.8107	0.8358	0.4214	0.5786	0.9703	0.9697	0.9731	0.9367
64.3	0.8636	0.8498	0.4837	0.6774	0.9736	0.9723	0.9742	0.9493
64.4	0.8682	0.8377	0.4069	0.6596	0.9702	0.9688	0.9645	0.9413
64.5	0.8734	0.8584	0.4640	0.7170	0.9726	0.9746	0.9694	0.9585
64.6	0.7893	0.8394	0.3788	0.6652	0.9643	0.9680	0.9601	0.9431
64.7	0.8384	0.8461	0.4808	0.5989	0.9633	0.9671	0.9666	0.9398
64.8	0.8569	0.8598	0.4674	0.5879	0.9718	0.9725	0.9783	0.9418
64.9	0.7979	0.8207	0.4396	0.6392	0.9650	0.9701	0.9709	0.9323
65.0	0.7599	0.8155	0.4583	0.6595	0.9631	0.9628	0.9623	0.9257
65.1	0.8015	0.8412	0.3874	0.6866	0.9659	0.9670	0.9655	0.9278
65.2	0.8079	0.8596	0.4791	0.6654	0.9740	0.9723	0.9727	0.9470
65.3	0.8016	0.8314	0.5160	0.6670	0.9728	0.9673	0.9674	0.9491
65.4	0.8291	0.8663	0.5537	0.6861	0.9729	0.9708	0.9678	0.9572
65.5	0.8669	0.8857	0.4927	0.7523	0.9762	0.9777	0.9658	0.9602
65.6	0.8451	0.8586	0.5238	0.7841	0.9743	0.9757	0.9652	0.9619
65.7	0.8256	0.8624	0.5528	0.7000	0.9628	0.9721	0.9665	0.9373
65.8	0.7910	0.8363	0.4760	0.6639	0.9605	0.9607	0.9473	0.9272
65.9	0.8006	0.8461	0.5928	0.7473	0.9765	0.9747	0.9547	0.9400
66.0	0.8197	0.8664	0.6178	0.7084	0.9738	0.9764	0.9609	0.9398
66.1	0.8352	0.8476	0.5108	0.6323	0.9664	0.9618	0.9569	0.9263
66.2	0.8747	0.8557	0.5920	0.7372	0.9740	0.9766	0.9604	0.9477
66.3	0.8619	0.8639	0.5639	0.6956	0.9667	0.9689	0.9588	0.9300
66.4	0.7509	0.7442	0.4747	0.6320	0.9535	0.9500	0.9242	0.9119
66.5	0.7855	0.8050	0.5995	0.6958	0.9629	0.9623	0.9442	0.9365
66.6	0.8348	0.8713	0.6165	0.8011	0.9720	0.9726	0.9637	0.9461
66.7	0.8753	0.8860	0.6487	0.7826	0.9772	0.9742	0.9700	0.9487
66.8	0.8359	0.8133	0.5995	0.7549	0.9679	0.9585	0.9612	0.9322
66.9	0.8305	0.8119	0.6267	0.6938	0.9700	0.9590	0.9617	0.9288
67.0	0.8297	0.8373	0.6143	0.7013	0.9613	0.9714	0.9584	0.9353
67.1	0.8570	0.8311	0.5716	0.7693	0.9670	0.9689	0.9496	0.9359
67.2	0.8360	0.8450	0.5390	0.7586	0.9739	0.9625	0.9446	0.9370
67.3	0.8568	0.8552	0.6162	0.6958	0.9713	0.9634	0.9597	0.9406
67.4	0.8458	0.8216	0.6565	0.7125	0.9647	0.9590	0.9534	0.9274
67.5	0.8143	0.7835	0.5518	0.7154	0.9527	0.9502	0.9358	0.9253
67.6	0.8329	0.7982	0.5838	0.7151	0.9634	0.9607	0.9398	0.9382
67.7	0.8234	0.8259	0.7053	0.7698	0.9658	0.9623	0.9561	0.9425
67.8	0.7873	0.7750	0.6126	0.7409	0.9424	0.9557	0.9537	0.9222
67.9	0.8295	0.7806	0.6191	0.7332	0.9462	0.9404	0.9544	0.9140
68.0	0.8680	0.8287	0.6264	0.7918	0.9598	0.9347	0.9444	0.9266
68.1	0.8633	0.8440	0.6466	0.7578	0.9574	0.9427	0.9317	0.9296

68.2	0.8110	0.8253	0.5830	0.7132	0.9595	0.9578	0.9437	0.9177
68.3	0.7954	0.7758	0.4833	0.7094	0.9396	0.9458	0.9358	0.8807
68.4	0.8186	0.7351	0.4909	0.7344	0.9143	0.9377	0.9057	0.8872
68.5	0.8298	0.7898	0.6225	0.7510	0.9368	0.9417	0.9145	0.9112
68.6	0.8237	0.7847	0.5506	0.7932	0.9403	0.9343	0.9133	0.9037
68.7	0.8014	0.7935	0.5914	0.8133	0.9455	0.9412	0.9302	0.9209
68.8	0.7839	0.8085	0.5831	0.7722	0.9326	0.9360	0.9281	0.9168
68.9	0.7834	0.8134	0.5683	0.7067	0.9416	0.9449	0.9073	0.9198
69.0	0.7810	0.7550	0.5872	0.5983	0.9279	0.9431	0.8938	0.8972
69.1	0.8096	0.7502	0.6012	0.6804	0.9273	0.9400	0.9241	0.8876
69.2	0.8212	0.6813	0.4835	0.7584	0.9306	0.9291	0.8697	0.8929
69.3	0.7838	0.7409	0.5503	0.7233	0.9233	0.9330	0.8490	0.8945
69.4	0.7943	0.8643	0.6603	0.7227	0.9424	0.9324	0.8711	0.8966
69.5	0.7943	0.7715	0.5669	0.6777	0.9231	0.9064	0.8358	0.8647
69.6	0.7884	0.8032	0.6107	0.7573	0.8944	0.9032	0.8746	0.8829
69.7	0.8104	0.8059	0.6349	0.8009	0.9160	0.9155	0.9051	0.8843
69.8	0.8103	0.7828	0.5811	0.7718	0.9178	0.9397	0.8951	0.8724
69.9	0.7347	0.7806	0.4348	0.7049	0.8884	0.9222	0.8377	0.8800
70.0	0.7190	0.7511	0.5638	0.7774	0.9096	0.8929	0.8025	0.8401
70.1	0.7466	0.6854	0.6188	0.7303	0.8940	0.8839	0.7702	0.8210
70.2	0.7462	0.6718	0.4655	0.6785	0.8746	0.8895	0.7277	0.8385
70.3	0.7180	0.6780	0.3955	0.6297	0.8403	0.8533	0.7907	0.8030
70.4	0.7759	0.7327	0.5937	0.6924	0.8745	0.8904	0.7922	0.8326
70.5	0.7654	0.7112	0.6192	0.7262	0.8891	0.9019	0.7949	0.8631
70.6	0.7683	0.7132	0.5157	0.7334	0.8711	0.8796	0.7248	0.7821
70.7	0.7764	0.7265	0.6099	0.7724	0.8956	0.8990	0.7238	0.7879
70.8	0.7909	0.7198	0.6317	0.7663	0.9115	0.8890	0.7557	0.8541
70.9	0.8853	0.8212	0.7023	0.8218	0.9122	0.9142	0.8406	0.8770
71.0	0.8396	0.7575	0.7595	0.8446	0.8946	0.9081	0.8097	0.8733
71.1	0.7861	0.7499	0.6212	0.7760	0.8725	0.8930	0.6793	0.8553
71.2	0.8351	0.7557	0.6677	0.7853	0.8861	0.9295	0.6994	0.8486
71.3	0.8551	0.8082	0.7083	0.8321	0.8821	0.9176	0.7390	0.8473
71.4	0.7879	0.7537	0.6829	0.7781	0.8680	0.8922	0.7279	0.8534
71.5	0.7876	0.7820	0.6760	0.7904	0.8897	0.9074	0.7230	0.8709
71.6	0.7578	0.7562	0.6290	0.7563	0.8658	0.8602	0.5717	0.8546
71.7	0.7575	0.6945	0.6472	0.7979	0.8627	0.8752	0.5746	0.8566
71.8	0.8237	0.7614	0.7468	0.8220	0.9075	0.8980	0.6042	0.8969
71.9	0.8138	0.7989	0.7542	0.8521	0.9183	0.8903	0.5353	0.8949
72.0	0.7637	0.7656	0.6496	0.8379	0.8586	0.8742	0.5144	0.9073
72.1	0.8075	0.7557	0.6784	0.8219	0.8480	0.8791	0.5697	0.9083
72.2	0.8162	0.7103	0.6793	0.7902	0.8789	0.8439	0.5824	0.9213
72.3	0.7977	0.6897	0.6854	0.7715	0.8534	0.8253	0.5817	0.9124
72.4	0.7230	0.6981	0.6660	0.7511	0.8605	0.8723	0.5185	0.9192
72.5	0.6761	0.5853	0.5762	0.7370	0.7961	0.8286	0.4313	0.9015
72.6	0.6763	0.5460	0.6360	0.7565	0.7700	0.7992	0.4865	0.8869
72.7	0.6961	0.6693	0.7058	0.7636	0.8148	0.7632	0.4976	0.9134
72.8	0.7794	0.7125	0.7494	0.8459	0.8831	0.7874	0.6041	0.9195
72.9	0.7745	0.7540	0.7053	0.8461	0.8738	0.8301	0.6559	0.9409
73.0	0.6866	0.6628	0.6454	0.7936	0.8168	0.8650	0.6587	0.9383
73.1	0.7163	0.6739	0.6814	0.7866	0.7569	0.8300	0.6841	0.9141
73.2	0.7782	0.6804	0.7376	0.8260	0.8021	0.8208	0.6354	0.9271
73.3	0.7636	0.6819	0.7425	0.8327	0.7379	0.7797	0.7272	0.9373
73.4	0.7308	0.5972	0.6864	0.7815	0.6883	0.7533	0.6827	0.9135
73.5	0.7673	0.5708	0.7052	0.8063	0.7090	0.8111	0.7056	0.9153
73.6	0.7325	0.5935	0.6950	0.8362	0.7917	0.8236	0.7410	0.9381
73.7	0.7498	0.7176	0.7008	0.8504	0.7714	0.7814	0.7891	0.9423
73.8	0.8396	0.7563	0.7646	0.8805	0.7659	0.8273	0.8367	0.9447
73.9	0.8708	0.7650	0.7212	0.8897	0.7017	0.8092	0.8694	0.9507
74.0	0.7847	0.7319	0.7716	0.8534	0.6591	0.7015	0.8642	0.9479
74.1	0.8193	0.7868	0.8109	0.8585	0.7370	0.6935	0.8693	0.9569
74.2	0.8504	0.7839	0.8357	0.8935	0.7498	0.7855	0.8661	0.9562
74.3	0.8615	0.8027	0.8232	0.9043	0.7659	0.8116	0.8751	0.9347
74.4	0.8584	0.8369	0.8218	0.8910	0.7789	0.7613	0.9147	0.9437
74.5	0.8315	0.8368	0.7874	0.8820	0.7206	0.7311	0.9003	0.9383
74.6	0.8167	0.7714	0.7388	0.8588	0.7295	0.7235	0.8963	0.9295
74.7	0.8470	0.7656	0.7537	0.8886	0.7149	0.6451	0.8910	0.9343
74.8	0.8446	0.7751	0.7328	0.8835	0.5585	0.6145	0.8712	0.9238
74.9	0.8611	0.7953	0.7161	0.8469	0.5954	0.6609	0.8924	0.9282
75.0	0.8901	0.8374	0.7831	0.8505	0.7293	0.7346	0.9066	0.9290
75.1	0.8737	0.7830	0.7757	0.8527	0.5617	0.6541	0.8846	0.9243
75.2	0.8795	0.7720	0.7156	0.8705	0.4380	0.4882	0.8735	0.9211
75.3	0.8976	0.8457	0.8118	0.8982	0.5048	0.6054	0.9201	0.9453
75.4	0.8884	0.8598	0.8219	0.8878	0.6100	0.6510	0.9339	0.9535
75.5	0.9175	0.8750	0.8476	0.8805	0.6080	0.6056	0.9285	0.9543
75.6	0.9256	0.8719	0.8384	0.9151	0.5434	0.6188	0.9256	0.9363
75.7	0.9375	0.8844	0.8617	0.9200	0.5092	0.5800	0.9375	0.9330
75.8	0.9380	0.8951	0.8847	0.9125	0.5456	0.5347	0.9476	0.9395
75.9	0.9258	0.8830	0.7938	0.8892	0.4978	0.4437	0.9308	0.9364
76.0	0.9216	0.8811	0.7571	0.8823	0.3715	0.3399	0.9280	0.9338
76.1	0.9256	0.9110	0.8104	0.9018	0.3635	0.1283	0.9473	0.9417
76.2	0.9381	0.9171	0.8122	0.8983	0.3540	0.1070	0.9468	0.9343
76.3	0.9450	0.8965	0.7691	0.9049	0.3809	0.0657	0.9407	0.9333
76.4	0.9472	0.9233	0.7936	0.9328	0.4386	0.0279	0.9588	0.9341
76.5	0.9496	0.9154	0.7949	0.9227	0.4446	0.0475	0.9445	0.9136
76.6	0.9536	0.9103	0.7308	0.8926	0.4381	0.0608	0.9362	0.9047
76.7	0.9456	0.9165	0.8082	0.8950	0.6109	0.1818	0.9492	0.9305

76.8	0.9524	0.9423	0.8306	0.9280	0.7210	0.3809	0.9637	0.9389
76.9	0.9615	0.9514	0.8384	0.9446	0.7051	0.5093	0.9680	0.9375
77.0	0.9557	0.9469	0.8642	0.9462	0.7252	0.5342	0.9746	0.9433
77.1	0.9628	0.9478	0.8605	0.9442	0.7899	0.6608	0.9715	0.9318
77.2	0.9501	0.9379	0.8140	0.9249	0.7362	0.5917	0.9498	0.9007
77.3	0.9420	0.9110	0.7437	0.9196	0.7181	0.6282	0.9378	0.8787
77.4	0.9444	0.9274	0.7552	0.9279	0.7839	0.6812	0.9533	0.8812
77.5	0.9440	0.9306	0.7748	0.9335	0.8389	0.7443	0.9648	0.8989
77.6	0.9557	0.9401	0.8229	0.9291	0.8600	0.7974	0.9655	0.9078
77.7	0.9617	0.9536	0.8296	0.9426	0.8889	0.8399	0.9683	0.9314
77.8	0.9580	0.9394	0.7574	0.9402	0.8989	0.8472	0.9555	0.8996
77.9	0.9534	0.9296	0.7783	0.9425	0.9085	0.8862	0.9677	0.9047
78.0	0.9574	0.9480	0.8515	0.9376	0.9184	0.8762	0.9693	0.9042
78.1	0.9681	0.9693	0.8448	0.9480	0.9417	0.9305	0.9703	0.9269
78.2	0.9602	0.9621	0.8327	0.9423	0.9443	0.9339	0.9699	0.9427
78.3	0.9527	0.9490	0.7560	0.9421	0.9342	0.9225	0.9685	0.9096
78.4	0.9588	0.9455	0.7502	0.9250	0.9324	0.9140	0.9669	0.8739
78.5	0.9572	0.9430	0.7792	0.9383	0.9350	0.9282	0.9698	0.8828
78.6	0.9418	0.9514	0.7680	0.9446	0.9329	0.9283	0.9665	0.8755
78.7	0.9525	0.9566	0.8044	0.9547	0.9513	0.9461	0.9702	0.9066
78.8	0.9490	0.9575	0.8515	0.9347	0.9581	0.9379	0.9680	0.9051
78.9	0.9307	0.9688	0.8528	0.9531	0.9461	0.9310	0.9689	0.8993
79.0	0.8920	0.9601	0.8474	0.9037	0.9358	0.9223	0.9588	0.8915
79.1	0.9050	0.9546	0.7862	0.8352	0.9223	0.9212	0.9557	0.8622
79.2	0.9436	0.9578	0.7555	0.8513	0.9419	0.9420	0.9641	0.8619
79.3	0.9695	0.9729	0.8797	0.9170	0.9728	0.9631	0.9826	0.9022
79.4	0.9637	0.9727	0.8584	0.9287	0.9653	0.9651	0.9823	0.9194
79.5	0.9545	0.9607	0.8154	0.8956	0.9594	0.9590	0.9762	0.8621
79.6	0.9616	0.9585	0.8282	0.9069	0.9534	0.9538	0.9730	0.8643
79.7	0.9609	0.9555	0.8042	0.9204	0.9554	0.9608	0.9713	0.8695
79.8	0.9618	0.9594	0.8354	0.9073	0.9619	0.9560	0.9726	0.8757
79.9	0.9580	0.9645	0.8441	0.9247	0.9638	0.9593	0.9774	0.9136
80.0	0.9656	0.9672	0.8464	0.9263	0.9670	0.9630	0.9795	0.9075

1.2.36 Run 11 – IP000NVP – SF and shaft bending gauges

In-plane shaking at 0° with no vertical shake plate. Side force balance gauges and shaft bending gauges.

f (Hz)	SF180B1	SF000B1	SF270B1	SF090B1	MRSBM	MRSBMB	MRSEBL	MRSEBLB
0.0	0.9908	0.9860	0.7535	0.7734	0.9992	0.9963	0.9991	0.9991
0.1	0.9188	0.9098	0.3717	0.3305	0.9864	0.9365	0.9882	0.9861
0.2	0.0037	0.0254	0.0295	0.0350	0.9563	0.9698	0.5372	0.8850
0.3	0.0386	0.0286	0.1136	0.0247	0.9406	0.9632	0.3408	0.8455
0.4	0.0713	0.0929	0.1535	0.0238	0.7849	0.9505	0.1281	0.7815
0.5	0.0210	0.0221	0.0545	0.0408	0.3585	0.8695	0.0689	0.4749
0.6	0.7078	0.8581	0.7023	0.7978	0.9537	0.9242	0.8229	0.6598
0.7	0.9310	0.9546	0.9434	0.9380	0.9932	0.9191	0.9672	0.6353
0.8	0.8740	0.8860	0.8912	0.8813	0.9760	0.7695	0.9143	0.3559
0.9	0.5797	0.5818	0.5676	0.5947	0.9649	0.5836	0.8545	0.3020
1.0	0.4236	0.4597	0.4440	0.4256	0.9019	0.9332	0.8240	0.8694
1.1	0.8156	0.8846	0.8771	0.8567	0.9904	0.9976	0.9709	0.9951
1.2	0.6641	0.6867	0.7278	0.6812	0.9686	0.9934	0.9719	0.9906
1.3	0.3937	0.3674	0.3976	0.3663	0.9163	0.9711	0.9481	0.9581
1.4	0.3613	0.4046	0.3330	0.4115	0.9809	0.9873	0.9830	0.9796
1.5	0.6704	0.4020	0.4808	0.6860	0.9989	0.9996	0.9949	0.9992
1.6	0.8828	0.2557	0.6267	0.8809	0.9999	0.9999	0.9984	0.9997
1.7	0.9501	0.8245	0.8789	0.9623	1.0000	1.0000	0.9993	0.9999
1.8	0.9762	0.9509	0.9408	0.9828	1.0000	1.0000	0.9996	1.0000
1.9	0.9330	0.9270	0.9110	0.9599	1.0000	1.0000	0.9998	1.0000
2.0	0.8695	0.8885	0.8521	0.9171	1.0000	1.0000	0.9999	1.0000
2.1	0.6051	0.6562	0.6007	0.6967	0.9999	0.9998	0.9997	0.9999
2.2	0.4430	0.4639	0.4983	0.3901	0.9987	0.9983	0.9981	0.9987
2.3	0.2013	0.1593	0.1975	0.1302	0.9631	0.9577	0.9583	0.9731
2.4	0.5790	0.6433	0.5419	0.6974	0.9950	0.9948	0.9908	0.9963
2.5	0.8741	0.8845	0.7453	0.9201	0.9996	0.9996	0.9981	0.9996
2.6	0.9238	0.9315	0.8524	0.9642	0.9999	0.9999	0.9992	0.9998
2.7	0.9524	0.9607	0.8816	0.9729	0.9999	0.9999	0.9994	0.9999
2.8	0.9765	0.9800	0.9193	0.9847	1.0000	1.0000	0.9997	0.9999
2.9	0.9833	0.9873	0.9465	0.9898	1.0000	1.0000	0.9998	1.0000
3.0	0.9889	0.9933	0.9517	0.9937	1.0000	1.0000	0.9999	1.0000
3.1	0.9902	0.9924	0.9420	0.9929	1.0000	1.0000	0.9999	1.0000
3.2	0.9904	0.9886	0.9453	0.9926	1.0000	1.0000	0.9999	0.9999
3.3	0.9888	0.9869	0.9302	0.9887	1.0000	1.0000	0.9998	1.0000
3.4	0.9905	0.9901	0.9545	0.9923	1.0000	1.0000	0.9999	1.0000
3.5	0.9931	0.9940	0.9570	0.9957	1.0000	1.0000	0.9999	1.0000
3.6	0.9941	0.9951	0.9613	0.9964	1.0000	1.0000	0.9999	1.0000
3.7	0.9920	0.9926	0.9550	0.9942	1.0000	1.0000	0.9999	1.0000
3.8	0.9899	0.9917	0.9514	0.9942	1.0000	1.0000	0.9999	1.0000
3.9	0.9898	0.9933	0.9618	0.9956	1.0000	1.0000	0.9999	1.0000
4.0	0.9901	0.9934	0.9567	0.9949	1.0000	1.0000	0.9999	1.0000
4.1	0.9912	0.9933	0.9474	0.9952	1.0000	1.0000	0.9999	1.0000
4.2	0.9890	0.9905	0.9330	0.9934	1.0000	1.0000	0.9999	1.0000
4.3	0.9881	0.9886	0.9347	0.9922	1.0000	1.0000	0.9999	1.0000
4.4	0.9894	0.9902	0.9227	0.9942	1.0000	1.0000	0.9999	1.0000
4.5	0.9824	0.9866	0.8892	0.9917	1.0000	1.0000	0.9999	1.0000
4.6	0.9867	0.9862	0.9086	0.9902	1.0000	1.0000	0.9998	1.0000
4.7	0.9795	0.9867	0.8785	0.9878	1.0000	1.0000	0.9998	1.0000
4.8	0.9825	0.9858	0.8974	0.9905	1.0000	1.0000	0.9998	1.0000
4.9	0.9825	0.9829	0.9018	0.9917	1.0000	1.0000	0.9998	1.0000
5.0	0.9829	0.9845	0.8788	0.9903	1.0000	1.0000	0.9998	1.0000
5.1	0.9805	0.9849	0.8972	0.9881	1.0000	1.0000	0.9998	0.9999
5.2	0.9847	0.9866	0.9003	0.9890	1.0000	1.0000	0.9998	1.0000
5.3	0.9808	0.9861	0.8556	0.9883	1.0000	1.0000	0.9998	1.0000
5.4	0.9765	0.9835	0.8092	0.9901	1.0000	1.0000	0.9998	0.9999
5.5	0.9607	0.9800	0.7875	0.9852	0.9999	1.0000	0.9997	0.9999
5.6	0.9752	0.9870	0.7996	0.9859	1.0000	1.0000	0.9998	0.9999
5.7	0.9806	0.9872	0.8415	0.9904	1.0000	1.0000	0.9998	1.0000
5.8	0.9665	0.9814	0.7864	0.9877	1.0000	1.0000	0.9998	1.0000
5.9	0.9672	0.9764	0.6858	0.9862	1.0000	1.0000	0.9998	1.0000
6.0	0.9534	0.9677	0.5365	0.9853	1.0000	1.0000	0.9998	0.9999
6.1	0.9474	0.9692	0.2464	0.9890	1.0000	1.0000	0.9998	0.9999
6.2	0.9332	0.9680	0.2314	0.9884	1.0000	1.0000	0.9998	0.9999
6.3	0.9274	0.9689	0.4648	0.9872	0.9999	1.0000	0.9998	0.9999
6.4	0.9286	0.9686	0.7152	0.9872	0.9999	1.0000	0.9998	0.9999
6.5	0.9333	0.9683	0.8015	0.9896	1.0000	1.0000	0.9998	0.9999
6.6	0.9353	0.9575	0.8501	0.9873	1.0000	1.0000	0.9998	0.9999
6.7	0.9391	0.9617	0.9073	0.9896	0.9999	1.0000	0.9998	0.9999
6.8	0.9066	0.9359	0.8990	0.9840	0.9999	1.0000	0.9997	0.9999
6.9	0.9054	0.9429	0.9063	0.9797	0.9999	0.9999	0.9997	0.9999
7.0	0.8660	0.9193	0.8838	0.9533	0.9998	0.9999	0.9995	0.9998
7.1	0.8132	0.8812	0.8942	0.9377	0.9998	0.9998	0.9995	0.9998
7.2	0.8592	0.8774	0.9032	0.9291	0.9998	0.9998	0.9995	0.9997
7.3	0.8664	0.8976	0.9345	0.9357	0.9999	0.9999	0.9996	0.9998
7.4	0.8589	0.9220	0.9201	0.8457	0.9997	0.9998	0.9995	0.9998
7.5	0.9449	0.9609	0.9617	0.8647	0.9998	0.9999	0.9997	0.9999
7.6	0.9620	0.9747	0.9840	0.8929	0.9999	0.9999	0.9998	0.9999
7.7	0.9419	0.9789	0.9873	0.8680	0.9999	0.9999	0.9997	0.9999
7.8	0.9397	0.9686	0.9858	0.8201	0.9999	0.9999	0.9997	0.9999
7.9	0.9314	0.9654	0.9842	0.7722	0.9999	1.0000	0.9997	0.9999

8.0	0.9194	0.9663	0.9891	0.6600	0.9999	1.0000	0.9998	0.9999
8.1	0.9425	0.9694	0.9856	0.6052	0.9999	1.0000	0.9997	0.9998
8.2	0.9393	0.9659	0.9791	0.5965	0.9999	1.0000	0.9997	0.9999
8.3	0.9546	0.9796	0.9875	0.7502	0.9999	1.0000	0.9998	0.9999
8.4	0.9567	0.9819	0.9878	0.7079	0.9999	1.0000	0.9998	0.9999
8.5	0.9505	0.9788	0.9874	0.7035	0.9999	1.0000	0.9998	0.9999
8.6	0.9410	0.9783	0.9899	0.7473	0.9999	0.9999	0.9998	0.9999
8.7	0.9269	0.9755	0.9890	0.8454	0.9998	0.9999	0.9996	0.9998
8.8	0.9096	0.9708	0.9866	0.8905	0.9998	0.9999	0.9997	0.9998
8.9	0.9082	0.9611	0.9817	0.9082	0.9998	0.9999	0.9996	0.9998
9.0	0.8284	0.9445	0.9648	0.9239	0.9996	0.9997	0.9994	0.9997
9.1	0.8143	0.9472	0.9719	0.9174	0.9995	0.9996	0.9994	0.9996
9.2	0.7376	0.9349	0.9401	0.8951	0.9986	0.9988	0.9983	0.9989
9.3	0.6436	0.9139	0.9349	0.9224	0.9983	0.9985	0.9979	0.9986
9.4	0.6648	0.8956	0.9473	0.9556	0.9982	0.9985	0.9981	0.9987
9.5	0.6447	0.7921	0.8920	0.9540	0.9971	0.9975	0.9978	0.9978
9.6	0.8491	0.7488	0.9395	0.9834	0.9991	0.9993	0.9993	0.9994
9.7	0.9090	0.7468	0.9468	0.9867	0.9995	0.9996	0.9996	0.9996
9.8	0.9275	0.7561	0.9525	0.9864	0.9998	0.9998	0.9997	0.9998
9.9	0.9414	0.8016	0.9504	0.9811	0.9998	0.9999	0.9997	0.9998
10.0	0.9467	0.8480	0.9269	0.9851	0.9999	0.9999	0.9997	0.9999
10.1	0.9346	0.7442	0.8763	0.9750	0.9999	0.9999	0.9997	0.9999
10.2	0.9311	0.7850	0.8849	0.9757	0.9999	1.0000	0.9997	0.9999
10.3	0.9363	0.7803	0.8716	0.9638	0.9999	0.9999	0.9995	0.9998
10.4	0.9244	0.8236	0.8415	0.9636	0.9998	0.9999	0.9996	0.9998
10.5	0.9328	0.8914	0.8556	0.9635	0.9999	1.0000	0.9997	0.9999
10.6	0.9226	0.8710	0.8469	0.9543	0.9998	0.9999	0.9997	0.9998
10.7	0.9443	0.9099	0.8864	0.9704	0.9999	1.0000	0.9996	0.9999
10.8	0.9460	0.9352	0.8989	0.9651	0.9998	0.9999	0.9995	0.9998
10.9	0.9477	0.9389	0.9034	0.9660	0.9997	1.0000	0.9995	0.9999
11.0	0.9401	0.9381	0.9053	0.9658	0.9997	0.9999	0.9995	0.9998
11.1	0.9380	0.9471	0.9051	0.9683	0.9996	1.0000	0.9996	0.9999
11.2	0.9388	0.9567	0.9081	0.9717	0.9997	1.0000	0.9996	0.9999
11.3	0.9426	0.9613	0.9138	0.9729	0.9997	1.0000	0.9995	0.9999
11.4	0.9580	0.9671	0.9399	0.9783	0.9998	1.0000	0.9996	0.9998
11.5	0.9673	0.9762	0.9467	0.9798	0.9998	0.9999	0.9996	0.9998
11.6	0.9721	0.9762	0.9545	0.9812	0.9997	1.0000	0.9996	0.9999
11.7	0.9741	0.9823	0.9626	0.9864	0.9998	0.9999	0.9996	0.9999
11.8	0.9707	0.9787	0.9525	0.9852	0.9998	0.9999	0.9996	0.9998
11.9	0.9715	0.9839	0.9562	0.9853	0.9998	0.9999	0.9997	0.9998
12.0	0.9752	0.9846	0.9671	0.9871	0.9999	0.9999	0.9998	0.9999
12.1	0.9715	0.9851	0.9695	0.9882	0.9998	0.9999	0.9996	0.9998
12.2	0.9743	0.9846	0.9651	0.9875	0.9998	0.9999	0.9997	0.9998
12.3	0.9771	0.9833	0.9627	0.9849	0.9999	0.9999	0.9997	0.9998
12.4	0.9685	0.9802	0.9476	0.9857	0.9999	0.9999	0.9997	0.9998
12.5	0.9557	0.9652	0.9123	0.9789	0.9998	0.9998	0.9996	0.9997
12.6	0.9583	0.9721	0.9218	0.9746	0.9998	0.9998	0.9997	0.9996
12.7	0.9665	0.9729	0.9310	0.9786	0.9999	0.9999	0.9998	0.9997
12.8	0.9715	0.9776	0.9377	0.9827	0.9999	0.9999	0.9998	0.9998
12.9	0.9695	0.9779	0.9315	0.9826	0.9999	0.9999	0.9998	0.9998
13.0	0.9588	0.9691	0.9148	0.9758	0.9998	0.9999	0.9997	0.9997
13.1	0.9623	0.9601	0.9135	0.9668	0.9998	0.9999	0.9996	0.9997
13.2	0.9622	0.9620	0.9145	0.9688	0.9999	0.9999	0.9997	0.9998
13.3	0.9578	0.9556	0.8987	0.9681	0.9998	0.9999	0.9996	0.9997
13.4	0.9635	0.9689	0.8957	0.9765	0.9999	0.9999	0.9997	0.9998
13.5	0.9698	0.9708	0.8796	0.9800	0.9999	0.9999	0.9998	0.9999
13.6	0.9583	0.9650	0.8760	0.9657	0.9999	0.9999	0.9997	0.9998
13.7	0.9494	0.9687	0.8880	0.9664	0.9999	0.9999	0.9998	0.9999
13.8	0.9518	0.9736	0.8771	0.9707	0.9998	0.9999	0.9997	0.9998
13.9	0.9332	0.9564	0.7848	0.9594	0.9998	0.9999	0.9996	0.9998
14.0	0.9262	0.9580	0.8053	0.9655	0.9998	0.9999	0.9997	0.9998
14.1	0.9267	0.9507	0.7965	0.9564	0.9998	0.9999	0.9996	0.9998
14.2	0.9331	0.9516	0.8544	0.9663	0.9998	0.9999	0.9995	0.9998
14.3	0.9594	0.9634	0.9095	0.9724	0.9998	0.9999	0.9996	0.9997
14.4	0.9709	0.9755	0.9350	0.9782	0.9998	0.9999	0.9996	0.9998
14.5	0.9679	0.9730	0.9383	0.9797	0.9998	0.9999	0.9996	0.9998
14.6	0.9485	0.9681	0.9220	0.9741	0.9998	0.9999	0.9995	0.9997
14.7	0.9677	0.9826	0.9448	0.9770	0.9998	0.9999	0.9996	0.9998
14.8	0.9661	0.9769	0.9614	0.9772	0.9999	0.9999	0.9997	0.9999
14.9	0.9669	0.9553	0.9531	0.9741	0.9998	0.9999	0.9997	0.9998
15.0	0.9644	0.9560	0.9523	0.9643	0.9997	0.9999	0.9996	0.9998
15.1	0.9754	0.9823	0.9679	0.9797	0.9998	0.9999	0.9996	0.9999
15.2	0.9849	0.9889	0.9778	0.9878	0.9998	0.9999	0.9997	0.9999
15.3	0.9828	0.9842	0.9750	0.9866	0.9999	0.9999	0.9996	0.9998
15.4	0.9797	0.9809	0.9689	0.9859	0.9998	0.9998	0.9996	0.9997
15.5	0.9765	0.9844	0.9682	0.9846	0.9998	0.9999	0.9996	0.9998
15.6	0.9741	0.9881	0.9647	0.9804	0.9997	0.9998	0.9995	0.9997
15.7	0.9751	0.9856	0.9635	0.9788	0.9998	0.9998	0.9996	0.9998
15.8	0.9690	0.9813	0.9582	0.9757	0.9997	0.9998	0.9996	0.9998
15.9	0.9744	0.9835	0.9576	0.9818	0.9998	0.9999	0.9996	0.9998
16.0	0.9706	0.9791	0.9527	0.9772	0.9998	0.9999	0.9995	0.9998
16.1	0.9666	0.9735	0.9483	0.9747	0.9998	0.9999	0.9996	0.9998
16.2	0.9629	0.9741	0.9398	0.9732	0.9998	0.9999	0.9995	0.9997
16.3	0.9480	0.9703	0.9366	0.9633	0.9997	0.9998	0.9994	0.9997
16.4	0.9367	0.9535	0.9214	0.9532	0.9996	0.9998	0.9993	0.9996
16.5	0.9407	0.9576	0.9285	0.9562	0.9997	0.9998	0.9994	0.9998

16.6	0.9113	0.9378	0.9031	0.9348	0.9998	0.9998	0.9995	0.9998
16.7	0.8232	0.8807	0.8223	0.8754	0.9998	0.9999	0.9994	0.9998
16.8	0.8618	0.9100	0.8484	0.8998	0.9997	0.9999	0.9993	0.9998
16.9	0.9142	0.9405	0.8955	0.9367	0.9997	0.9998	0.9992	0.9997
17.0	0.9039	0.9407	0.8959	0.9275	0.9997	0.9997	0.9991	0.9996
17.1	0.8129	0.8890	0.8119	0.8541	0.9997	0.9998	0.9993	0.9997
17.2	0.7663	0.8950	0.7811	0.8835	0.9997	0.9999	0.9996	0.9998
17.3	0.8773	0.9407	0.8828	0.9310	0.9997	0.9999	0.9995	0.9998
17.4	0.8975	0.9401	0.9076	0.9316	0.9997	0.9998	0.9993	0.9997
17.5	0.8964	0.9449	0.9015	0.9340	0.9996	0.9998	0.9992	0.9997
17.6	0.8988	0.9490	0.9101	0.9284	0.9997	0.9997	0.9993	0.9996
17.7	0.8720	0.9331	0.8982	0.9142	0.9996	0.9997	0.9993	0.9996
17.8	0.8215	0.9027	0.8472	0.8865	0.9996	0.9997	0.9992	0.9996
17.9	0.8548	0.9127	0.8594	0.9039	0.9998	0.9998	0.9995	0.9997
18.0	0.8710	0.9267	0.8834	0.9254	0.9997	0.9998	0.9995	0.9997
18.1	0.8770	0.9377	0.8964	0.9248	0.9996	0.9997	0.9993	0.9996
18.2	0.9122	0.9479	0.9155	0.9361	0.9996	0.9997	0.9993	0.9996
18.3	0.9188	0.9515	0.9284	0.9365	0.9996	0.9997	0.9995	0.9997
18.4	0.8938	0.9429	0.9201	0.9169	0.9996	0.9997	0.9993	0.9996
18.5	0.8591	0.9165	0.9060	0.8740	0.9996	0.9996	0.9993	0.9996
18.6	0.4841	0.6507	0.6613	0.4477	0.9995	0.9994	0.9991	0.9993
18.7	0.3893	0.6706	0.6145	0.5032	0.9995	0.9997	0.9993	0.9996
18.8	0.6493	0.7929	0.7553	0.7497	0.9995	0.9996	0.9992	0.9995
18.9	0.7353	0.8543	0.8274	0.8291	0.9995	0.9996	0.9991	0.9995
19.0	0.8218	0.8943	0.8826	0.8795	0.9996	0.9997	0.9991	0.9996
19.1	0.8549	0.9262	0.9067	0.9092	0.9995	0.9997	0.9993	0.9996
19.2	0.8747	0.9438	0.9322	0.9311	0.9995	0.9996	0.9991	0.9995
19.3	0.9126	0.9444	0.9420	0.9457	0.9994	0.9995	0.9989	0.9994
19.4	0.9011	0.9314	0.9282	0.9309	0.9993	0.9995	0.9985	0.9994
19.5	0.9281	0.9577	0.9529	0.9489	0.9996	0.9996	0.9991	0.9995
19.6	0.9245	0.9532	0.9534	0.9401	0.9992	0.9994	0.9988	0.9993
19.7	0.9011	0.9470	0.9485	0.9273	0.9993	0.9994	0.9989	0.9994
19.8	0.9294	0.9635	0.9670	0.9439	0.9996	0.9996	0.9993	0.9995
19.9	0.9190	0.9514	0.9602	0.9208	0.9995	0.9996	0.9991	0.9995
20.0	0.8843	0.9280	0.9465	0.8776	0.9995	0.9995	0.9991	0.9994
20.1	0.8276	0.8835	0.9215	0.7863	0.9993	0.9994	0.9989	0.9993
20.2	0.6180	0.7619	0.8510	0.5759	0.9992	0.9993	0.9988	0.9991
20.3	0.4411	0.6608	0.7958	0.5460	0.9992	0.9994	0.9989	0.9992
20.4	0.4711	0.6800	0.8008	0.6179	0.9991	0.9992	0.9986	0.9992
20.5	0.3653	0.6268	0.7411	0.5779	0.9993	0.9993	0.9989	0.9993
20.6	0.2365	0.5454	0.6414	0.5647	0.9989	0.9990	0.9983	0.9990
20.7	0.2911	0.5861	0.6437	0.6143	0.9986	0.9988	0.9979	0.9988
20.8	0.4263	0.6524	0.7198	0.6089	0.9988	0.9989	0.9980	0.9989
20.9	0.4968	0.7118	0.7953	0.5506	0.9989	0.9990	0.9983	0.9989
21.0	0.3851	0.6332	0.7739	0.3857	0.9991	0.9992	0.9986	0.9992
21.1	0.1872	0.4651	0.6897	0.1991	0.9990	0.9994	0.9984	0.9993
21.2	0.0259	0.3708	0.6055	0.3617	0.9989	0.9992	0.9987	0.9991
21.3	0.0055	0.3158	0.5488	0.3541	0.9990	0.9991	0.9985	0.9990
21.4	0.0118	0.3601	0.6119	0.4500	0.9994	0.9993	0.9989	0.9993
21.5	0.0031	0.3537	0.6748	0.4939	0.9993	0.9993	0.9986	0.9993
21.6	0.0854	0.4408	0.6617	0.4767	0.9987	0.9991	0.9979	0.9990
21.7	0.1830	0.5009	0.7253	0.4831	0.9989	0.9991	0.9982	0.9990
21.8	0.1912	0.5452	0.7734	0.4306	0.9987	0.9987	0.9976	0.9986
21.9	0.2419	0.5898	0.8068	0.4490	0.9984	0.9985	0.9976	0.9984
22.0	0.2944	0.5973	0.8584	0.4340	0.9987	0.9989	0.9980	0.9988
22.1	0.1663	0.4519	0.8235	0.3549	0.9986	0.9984	0.9973	0.9983
22.2	0.1622	0.4157	0.7704	0.1778	0.9982	0.9981	0.9969	0.9979
22.3	0.2590	0.5067	0.8313	0.2308	0.9987	0.9988	0.9978	0.9987
22.4	0.3606	0.5627	0.8672	0.3021	0.9990	0.9990	0.9983	0.9988
22.5	0.4164	0.5435	0.8621	0.3734	0.9988	0.9990	0.9984	0.9988
22.6	0.4477	0.5889	0.8550	0.5426	0.9986	0.9989	0.9983	0.9989
22.7	0.5112	0.6051	0.8470	0.6473	0.9986	0.9986	0.9977	0.9985
22.8	0.6313	0.6921	0.8506	0.7647	0.9985	0.9989	0.9978	0.9987
22.9	0.7092	0.7267	0.8189	0.8324	0.9982	0.9985	0.9970	0.9984
23.0	0.7298	0.7566	0.8078	0.8603	0.9989	0.9991	0.9980	0.9991
23.1	0.7561	0.7897	0.8382	0.8950	0.9987	0.9989	0.9981	0.9989
23.2	0.8127	0.8216	0.8400	0.9200	0.9985	0.9987	0.9976	0.9986
23.3	0.7624	0.8315	0.8124	0.9087	0.9987	0.9987	0.9977	0.9987
23.4	0.7144	0.7659	0.7070	0.8847	0.9981	0.9982	0.9971	0.9981
23.5	0.7601	0.7678	0.6751	0.8921	0.9979	0.9978	0.9966	0.9977
23.6	0.7686	0.7917	0.6778	0.8880	0.9976	0.9976	0.9963	0.9974
23.7	0.8064	0.8615	0.6863	0.9190	0.9972	0.9972	0.9961	0.9972
23.8	0.8246	0.8916	0.7254	0.9384	0.9967	0.9965	0.9952	0.9964
23.9	0.8190	0.8779	0.6599	0.9259	0.9968	0.9961	0.9953	0.9960
24.0	0.8887	0.9162	0.7218	0.9548	0.9974	0.9971	0.9964	0.9970
24.1	0.9051	0.9244	0.6760	0.9619	0.9976	0.9978	0.9971	0.9977
24.2	0.8915	0.9209	0.6068	0.9575	0.9967	0.9968	0.9957	0.9968
24.3	0.8599	0.9226	0.5712	0.9578	0.9972	0.9968	0.9961	0.9967
24.4	0.8634	0.9309	0.5761	0.9635	0.9954	0.9956	0.9945	0.9956
24.5	0.8687	0.9131	0.4897	0.9595	0.9940	0.9944	0.9925	0.9943
24.6	0.8478	0.9208	0.5655	0.9591	0.9970	0.9970	0.9958	0.9969
24.7	0.8833	0.9327	0.7005	0.9606	0.9959	0.9955	0.9946	0.9953
24.8	0.9279	0.9531	0.7930	0.9790	0.9961	0.9962	0.9950	0.9962
24.9	0.9128	0.9460	0.7643	0.9698	0.9959	0.9957	0.9946	0.9956
25.0	0.8982	0.9473	0.7696	0.9691	0.9944	0.9936	0.9929	0.9936
25.1	0.8809	0.9466	0.7695	0.9620	0.9929	0.9929	0.9912	0.9929

25.2	0.8997	0.9541	0.8000	0.9665	0.9935	0.9938	0.9919	0.9938
25.3	0.9134	0.9531	0.8368	0.9684	0.9934	0.9931	0.9922	0.9931
25.4	0.9436	0.9615	0.8710	0.9758	0.9943	0.9944	0.9933	0.9943
25.5	0.9453	0.9676	0.8905	0.9767	0.9938	0.9943	0.9926	0.9942
25.6	0.9450	0.9610	0.8751	0.9754	0.9935	0.9938	0.9932	0.9937
25.7	0.9416	0.9559	0.8543	0.9725	0.9932	0.9942	0.9938	0.9942
25.8	0.9325	0.9546	0.8455	0.9743	0.9933	0.9942	0.9929	0.9941
25.9	0.9328	0.9634	0.8407	0.9801	0.9941	0.9949	0.9929	0.9948
26.0	0.9336	0.9682	0.8552	0.9784	0.9948	0.9952	0.9936	0.9950
26.1	0.9263	0.9671	0.8583	0.9805	0.9947	0.9947	0.9933	0.9944
26.2	0.9281	0.9643	0.8586	0.9834	0.9953	0.9952	0.9947	0.9950
26.3	0.9351	0.9645	0.8512	0.9854	0.9954	0.9957	0.9949	0.9955
26.4	0.9265	0.9632	0.8316	0.9833	0.9944	0.9947	0.9941	0.9945
26.5	0.9366	0.9744	0.8845	0.9846	0.9955	0.9956	0.9948	0.9954
26.6	0.9542	0.9755	0.9218	0.9886	0.9975	0.9973	0.9969	0.9971
26.7	0.9261	0.9667	0.8522	0.9849	0.9956	0.9957	0.9952	0.9956
26.8	0.9033	0.9680	0.8342	0.9843	0.9962	0.9964	0.9959	0.9963
26.9	0.8739	0.9699	0.8059	0.9813	0.9954	0.9956	0.9946	0.9955
27.0	0.9145	0.9784	0.8667	0.9888	0.9969	0.9969	0.9968	0.9967
27.1	0.8947	0.9708	0.8356	0.9853	0.9964	0.9962	0.9962	0.9960
27.2	0.8897	0.9732	0.8342	0.9868	0.9967	0.9964	0.9965	0.9962
27.3	0.9064	0.9822	0.9015	0.9914	0.9973	0.9972	0.9974	0.9971
27.4	0.9127	0.9842	0.8969	0.9920	0.9976	0.9975	0.9975	0.9974
27.5	0.9047	0.9781	0.9099	0.9892	0.9977	0.9973	0.9977	0.9972
27.6	0.9000	0.9810	0.9239	0.9888	0.9976	0.9970	0.9974	0.9969
27.7	0.9007	0.9887	0.9012	0.9940	0.9986	0.9983	0.9982	0.9983
27.8	0.8642	0.9834	0.9080	0.9899	0.9969	0.9967	0.9968	0.9967
27.9	0.8654	0.9814	0.9228	0.9913	0.9977	0.9975	0.9977	0.9976
28.0	0.8963	0.9843	0.9466	0.9938	0.9982	0.9980	0.9983	0.9980
28.1	0.8969	0.9808	0.9197	0.9932	0.9985	0.9985	0.9984	0.9984
28.2	0.9083	0.9854	0.9395	0.9937	0.9988	0.9986	0.9987	0.9986
28.3	0.9234	0.9878	0.9577	0.9957	0.9988	0.9986	0.9987	0.9986
28.4	0.9242	0.9876	0.9629	0.9967	0.9986	0.9984	0.9984	0.9984
28.5	0.9201	0.9866	0.9603	0.9971	0.9990	0.9986	0.9990	0.9985
28.6	0.9078	0.9862	0.9493	0.9968	0.9991	0.9989	0.9990	0.9988
28.7	0.8837	0.9833	0.9440	0.9971	0.9993	0.9992	0.9991	0.9991
28.8	0.9084	0.9821	0.9563	0.9973	0.9991	0.9989	0.9989	0.9989
28.9	0.9368	0.9853	0.9610	0.9971	0.9991	0.9990	0.9988	0.9990
29.0	0.9244	0.9808	0.9550	0.9960	0.9991	0.9991	0.9988	0.9990
29.1	0.9306	0.9785	0.9562	0.9959	0.9993	0.9991	0.9991	0.9990
29.2	0.9347	0.9806	0.9546	0.9955	0.9993	0.9989	0.9990	0.9988
29.3	0.9484	0.9794	0.9631	0.9963	0.9990	0.9987	0.9989	0.9986
29.4	0.9690	0.9799	0.9710	0.9973	0.9992	0.9990	0.9991	0.9990
29.5	0.9584	0.9828	0.9545	0.9966	0.9990	0.9991	0.9987	0.9990
29.6	0.9395	0.9684	0.9561	0.9951	0.9988	0.9987	0.9983	0.9985
29.7	0.9355	0.9641	0.9515	0.9949	0.9988	0.9989	0.9988	0.9989
29.8	0.9577	0.9677	0.9557	0.9961	0.9990	0.9991	0.9990	0.9991
29.9	0.9488	0.9566	0.9476	0.9960	0.9987	0.9991	0.9986	0.9991
30.0	0.9559	0.9582	0.9562	0.9950	0.9985	0.9990	0.9984	0.9990
30.1	0.9533	0.9564	0.9531	0.9946	0.9986	0.9992	0.9985	0.9993
30.2	0.9638	0.9466	0.9474	0.9959	0.9989	0.9991	0.9987	0.9991
30.3	0.9701	0.9495	0.9574	0.9965	0.9990	0.9992	0.9990	0.9992
30.4	0.9696	0.9654	0.9556	0.9969	0.9991	0.9990	0.9990	0.9990
30.5	0.9604	0.9699	0.9523	0.9960	0.9992	0.9993	0.9990	0.9993
30.6	0.9557	0.9761	0.9401	0.9956	0.9990	0.9992	0.9990	0.9992
30.7	0.9651	0.9751	0.9470	0.9970	0.9992	0.9994	0.9992	0.9994
30.8	0.9560	0.9734	0.9152	0.9961	0.9991	0.9993	0.9991	0.9994
30.9	0.9663	0.9775	0.9216	0.9963	0.9994	0.9994	0.9993	0.9995
31.0	0.9607	0.9706	0.9067	0.9958	0.9994	0.9994	0.9994	0.9994
31.1	0.9665	0.9688	0.9326	0.9954	0.9994	0.9995	0.9992	0.9995
31.2	0.9688	0.9653	0.9276	0.9958	0.9993	0.9993	0.9993	0.9994
31.3	0.9659	0.9641	0.9264	0.9958	0.9994	0.9994	0.9994	0.9994
31.4	0.9648	0.9554	0.9365	0.9941	0.9991	0.9992	0.9991	0.9991
31.5	0.9614	0.9548	0.9305	0.9933	0.9991	0.9991	0.9990	0.9991
31.6	0.9533	0.9479	0.9215	0.9909	0.9991	0.9991	0.9991	0.9992
31.7	0.9543	0.9518	0.9212	0.9931	0.9993	0.9993	0.9991	0.9993
31.8	0.9453	0.9440	0.9220	0.9898	0.9991	0.9988	0.9991	0.9990
31.9	0.9625	0.9495	0.9487	0.9927	0.9993	0.9992	0.9993	0.9993
32.0	0.9624	0.9495	0.9529	0.9920	0.9994	0.9993	0.9993	0.9994
32.1	0.9568	0.9479	0.9579	0.9905	0.9988	0.9987	0.9990	0.9990
32.2	0.9475	0.9417	0.9552	0.9903	0.9989	0.9990	0.9991	0.9991
32.3	0.9398	0.9509	0.9451	0.9877	0.9989	0.9989	0.9989	0.9990
32.4	0.9201	0.9210	0.9313	0.9814	0.9987	0.9988	0.9989	0.9989
32.5	0.9039	0.9019	0.9121	0.9746	0.9978	0.9981	0.9984	0.9984
32.6	0.9325	0.9222	0.9112	0.9766	0.9982	0.9980	0.9983	0.9986
32.7	0.9497	0.9288	0.9368	0.9739	0.9986	0.9981	0.9985	0.9986
32.8	0.9361	0.9247	0.9455	0.9686	0.9990	0.9986	0.9988	0.9987
32.9	0.9336	0.9237	0.9401	0.9670	0.9986	0.9985	0.9987	0.9985
33.0	0.9340	0.9118	0.9276	0.9714	0.9984	0.9983	0.9983	0.9981
33.1	0.9158	0.9179	0.9267	0.9386	0.9967	0.9970	0.9972	0.9970
33.2	0.8804	0.9294	0.9013	0.9164	0.9930	0.9956	0.9935	0.9945
33.3	0.9163	0.9307	0.9045	0.9418	0.9895	0.9938	0.9918	0.9941
33.4	0.9304	0.9466	0.9326	0.9497	0.9896	0.9925	0.9903	0.9916
33.5	0.9481	0.9632	0.9568	0.9551	0.9831	0.9915	0.9825	0.9879
33.6	0.9583	0.9612	0.9554	0.9638	0.9730	0.9874	0.9597	0.9807
33.7	0.9500	0.9693	0.9586	0.9625	0.9763	0.9905	0.9208	0.9732

33.8	0.9280	0.9631	0.9387	0.9636	0.9712	0.9892	0.7678	0.9303
33.9	0.9556	0.9719	0.9741	0.9791	0.9899	0.9954	0.8593	0.9347
34.0	0.9602	0.9792	0.9707	0.9842	0.9922	0.9970	0.9344	0.9245
34.1	0.9663	0.9788	0.9725	0.9851	0.9938	0.9963	0.9660	0.9193
34.2	0.9735	0.9780	0.9740	0.9842	0.9952	0.9971	0.9786	0.9395
34.3	0.9778	0.9844	0.9859	0.9869	0.9973	0.9978	0.9897	0.9753
34.4	0.9806	0.9876	0.9867	0.9891	0.9981	0.9981	0.9926	0.9847
34.5	0.9795	0.9854	0.9876	0.9859	0.9976	0.9982	0.9918	0.9895
34.6	0.9830	0.9859	0.9823	0.9858	0.9975	0.9983	0.9912	0.9934
34.7	0.9832	0.9885	0.9845	0.9871	0.9978	0.9980	0.9925	0.9934
34.8	0.9837	0.9886	0.9811	0.9866	0.9979	0.9979	0.9939	0.9927
34.9	0.9878	0.9891	0.9856	0.9856	0.9982	0.9981	0.9944	0.9939
35.0	0.9875	0.9868	0.9893	0.9864	0.9980	0.9984	0.9947	0.9952
35.1	0.9884	0.9908	0.9909	0.9867	0.9984	0.9984	0.9964	0.9950
35.2	0.9883	0.9920	0.9908	0.9860	0.9985	0.9980	0.9969	0.9941
35.3	0.9878	0.9887	0.9922	0.9805	0.9979	0.9979	0.9964	0.9934
35.4	0.9864	0.9872	0.9914	0.9697	0.9972	0.9980	0.9965	0.9935
35.5	0.9890	0.9879	0.9925	0.9767	0.9980	0.9983	0.9970	0.9950
35.6	0.9931	0.9918	0.9937	0.9796	0.9984	0.9988	0.9976	0.9957
35.7	0.9918	0.9925	0.9942	0.9736	0.9985	0.9987	0.9975	0.9960
35.8	0.9887	0.9881	0.9912	0.9414	0.9979	0.9982	0.9965	0.9950
35.9	0.9864	0.9898	0.9920	0.8851	0.9977	0.9985	0.9965	0.9956
36.0	0.9927	0.9936	0.9950	0.8826	0.9986	0.9990	0.9979	0.9972
36.1	0.9925	0.9921	0.9936	0.7596	0.9979	0.9988	0.9965	0.9972
36.2	0.9885	0.9884	0.9910	0.7256	0.9979	0.9986	0.9965	0.9970
36.3	0.9927	0.9911	0.9919	0.8536	0.9982	0.9989	0.9975	0.9975
36.4	0.9897	0.9899	0.9928	0.8901	0.9975	0.9986	0.9966	0.9972
36.5	0.9882	0.9874	0.9924	0.9234	0.9977	0.9981	0.9963	0.9963
36.6	0.9885	0.9873	0.9929	0.9429	0.9978	0.9986	0.9966	0.9972
36.7	0.9875	0.9874	0.9944	0.9534	0.9977	0.9987	0.9960	0.9979
36.8	0.9861	0.9866	0.9949	0.9497	0.9978	0.9989	0.9957	0.9981
36.9	0.9827	0.9841	0.9952	0.9518	0.9980	0.9986	0.9953	0.9972
37.0	0.9889	0.9900	0.9959	0.9674	0.9984	0.9990	0.9965	0.9982
37.1	0.9875	0.9883	0.9927	0.9613	0.9970	0.9982	0.9946	0.9971
37.2	0.9889	0.9896	0.9946	0.9668	0.9983	0.9987	0.9970	0.9977
37.3	0.9892	0.9895	0.9949	0.9695	0.9985	0.9987	0.9972	0.9975
37.4	0.9871	0.9888	0.9945	0.9659	0.9970	0.9977	0.9950	0.9961
37.5	0.9880	0.9900	0.9968	0.9808	0.9982	0.9985	0.9969	0.9975
37.6	0.9912	0.9918	0.9975	0.9825	0.9983	0.9986	0.9971	0.9976
37.7	0.9891	0.9888	0.9959	0.9754	0.9978	0.9985	0.9967	0.9975
37.8	0.9877	0.9869	0.9942	0.9762	0.9980	0.9987	0.9968	0.9977
37.9	0.9862	0.9846	0.9918	0.9742	0.9968	0.9982	0.9956	0.9969
38.0	0.9874	0.9867	0.9927	0.9813	0.9976	0.9988	0.9968	0.9980
38.1	0.9812	0.9776	0.9910	0.9738	0.9971	0.9981	0.9954	0.9971
38.2	0.9829	0.9784	0.9925	0.9826	0.9975	0.9980	0.9955	0.9969
38.3	0.9836	0.9784	0.9905	0.9840	0.9972	0.9979	0.9953	0.9965
38.4	0.9862	0.9768	0.9928	0.9800	0.9976	0.9983	0.9965	0.9975
38.5	0.9880	0.9781	0.9928	0.9792	0.9981	0.9986	0.9976	0.9980
38.6	0.9832	0.9716	0.9898	0.9762	0.9978	0.9980	0.9964	0.9968
38.7	0.9818	0.9657	0.9910	0.9794	0.9981	0.9979	0.9969	0.9969
38.8	0.9846	0.9669	0.9937	0.9836	0.9981	0.9983	0.9978	0.9975
38.9	0.9834	0.9608	0.9922	0.9809	0.9980	0.9986	0.9979	0.9980
39.0	0.9894	0.9618	0.9958	0.9882	0.9989	0.9991	0.9985	0.9986
39.1	0.9827	0.9428	0.9949	0.9899	0.9987	0.9990	0.9982	0.9985
39.2	0.9877	0.9450	0.9936	0.9884	0.9988	0.9989	0.9982	0.9982
39.3	0.9874	0.9329	0.9942	0.9902	0.9989	0.9991	0.9985	0.9985
39.4	0.9879	0.9328	0.9948	0.9916	0.9987	0.9991	0.9986	0.9986
39.5	0.9846	0.9020	0.9932	0.9885	0.9983	0.9988	0.9977	0.9983
39.6	0.9826	0.8679	0.9907	0.9858	0.9984	0.9987	0.9979	0.9982
39.7	0.9810	0.8763	0.9857	0.9821	0.9988	0.9988	0.9984	0.9981
39.8	0.9800	0.8195	0.9860	0.9835	0.9985	0.9990	0.9981	0.9985
39.9	0.9786	0.8256	0.9820	0.9790	0.9980	0.9986	0.9974	0.9977
40.0	0.9801	0.8012	0.9871	0.9882	0.9985	0.9990	0.9980	0.9984
40.1	0.9716	0.7423	0.9825	0.9860	0.9983	0.9989	0.9977	0.9983
40.2	0.9751	0.7744	0.9829	0.9843	0.9985	0.9991	0.9982	0.9987
40.3	0.9761	0.7797	0.9821	0.9847	0.9984	0.9991	0.9982	0.9987
40.4	0.9735	0.7574	0.9788	0.9828	0.9982	0.9988	0.9976	0.9981
40.5	0.9796	0.6816	0.9808	0.9829	0.9988	0.9990	0.9983	0.9983
40.6	0.9765	0.6268	0.9854	0.9881	0.9987	0.9990	0.9983	0.9983
40.7	0.9750	0.7366	0.9778	0.9821	0.9988	0.9991	0.9985	0.9984
40.8	0.9761	0.7436	0.9776	0.9818	0.9988	0.9991	0.9983	0.9985
40.9	0.9693	0.8161	0.9787	0.9794	0.9989	0.9993	0.9985	0.9990
41.0	0.9711	0.8575	0.9772	0.9812	0.9989	0.9991	0.9986	0.9987
41.1	0.9692	0.8629	0.9751	0.9758	0.9988	0.9990	0.9982	0.9985
41.2	0.9396	0.8788	0.9648	0.9678	0.9986	0.9990	0.9979	0.9984
41.3	0.9257	0.9192	0.9492	0.9630	0.9988	0.9992	0.9984	0.9986
41.4	0.9362	0.8958	0.9432	0.9631	0.9990	0.9990	0.9988	0.9983
41.5	0.9421	0.8559	0.9214	0.9433	0.9989	0.9990	0.9986	0.9983
41.6	0.9507	0.8425	0.8669	0.9080	0.9987	0.9989	0.9981	0.9981
41.7	0.9523	0.9037	0.8823	0.9207	0.9985	0.9989	0.9983	0.9982
41.8	0.9339	0.8998	0.8796	0.9042	0.9983	0.9989	0.9981	0.9982
41.9	0.9585	0.9021	0.8860	0.9203	0.9990	0.9994	0.9988	0.9986
42.0	0.9474	0.9029	0.8506	0.9016	0.9990	0.9992	0.9983	0.9983
42.1	0.9502	0.9247	0.8376	0.8737	0.9990	0.9991	0.9984	0.9980
42.2	0.9294	0.9045	0.7503	0.7892	0.9987	0.9991	0.9976	0.9981
42.3	0.9327	0.8863	0.6528	0.7071	0.9987	0.9992	0.9979	0.9985

42.4	0.9470	0.8833	0.5242	0.6408	0.9992	0.9993	0.9984	0.9987
42.5	0.9514	0.8960	0.3044	0.4743	0.9991	0.9992	0.9984	0.9983
42.6	0.9378	0.8672	0.1463	0.1784	0.9986	0.9989	0.9982	0.9977
42.7	0.9396	0.8275	0.1446	0.0775	0.9984	0.9988	0.9978	0.9975
42.8	0.9245	0.8514	0.0679	0.1193	0.9988	0.9990	0.9985	0.9978
42.9	0.9112	0.8474	0.1807	0.0025	0.9986	0.9990	0.9978	0.9980
43.0	0.9293	0.8960	0.4681	0.2519	0.9989	0.9991	0.9980	0.9981
43.1	0.9386	0.9077	0.4844	0.4940	0.9988	0.9992	0.9984	0.9983
43.2	0.8843	0.8730	0.3784	0.4860	0.9985	0.9989	0.9975	0.9974
43.3	0.8894	0.8966	0.3196	0.5684	0.9987	0.9991	0.9980	0.9976
43.4	0.8873	0.9239	0.3023	0.6512	0.9988	0.9991	0.9983	0.9977
43.5	0.8768	0.8894	0.2536	0.6711	0.9985	0.9989	0.9975	0.9972
43.6	0.8485	0.8562	0.3364	0.7203	0.9983	0.9988	0.9974	0.9971
43.7	0.8455	0.8701	0.3984	0.7451	0.9986	0.9989	0.9981	0.9974
43.8	0.8510	0.9018	0.3669	0.7024	0.9987	0.9988	0.9982	0.9969
43.9	0.8518	0.8845	0.3362	0.6806	0.9987	0.9986	0.9984	0.9963
44.0	0.8569	0.8894	0.3248	0.7369	0.9989	0.9990	0.9982	0.9973
44.1	0.8159	0.8473	0.0624	0.6170	0.9984	0.9990	0.9971	0.9974
44.2	0.8426	0.8264	0.4425	0.8173	0.9986	0.9989	0.9972	0.9972
44.3	0.7427	0.8721	0.5655	0.8524	0.9986	0.9985	0.9968	0.9962
44.4	0.5623	0.9004	0.6149	0.8631	0.9985	0.9983	0.9968	0.9952
44.5	0.4460	0.8895	0.4400	0.8199	0.9983	0.9989	0.9973	0.9963
44.6	0.6254	0.8650	0.2038	0.7895	0.9982	0.9990	0.9967	0.9973
44.7	0.5984	0.8850	0.3601	0.8156	0.9984	0.9988	0.9970	0.9966
44.8	0.4947	0.9157	0.5924	0.8616	0.9986	0.9990	0.9977	0.9965
44.9	0.5975	0.9242	0.5621	0.8060	0.9989	0.9991	0.9971	0.9970
45.0	0.6960	0.9060	0.5476	0.7418	0.9987	0.9990	0.9971	0.9968
45.1	0.6451	0.8783	0.2772	0.7367	0.9986	0.9989	0.9968	0.9962
45.2	0.5634	0.8527	0.3401	0.8262	0.9982	0.9986	0.9966	0.9955
45.3	0.5083	0.8185	0.3444	0.8363	0.9982	0.9984	0.9972	0.9952
45.4	0.5416	0.8750	0.3233	0.8714	0.9988	0.9987	0.9963	0.9961
45.5	0.5391	0.9139	0.3266	0.8517	0.9990	0.9992	0.9960	0.9974
45.6	0.5623	0.8824	0.5284	0.7991	0.9986	0.9991	0.9961	0.9973
45.7	0.6709	0.8725	0.7369	0.7405	0.9984	0.9988	0.9968	0.9962
45.8	0.7659	0.8241	0.7086	0.5505	0.9977	0.9984	0.9941	0.9954
45.9	0.7851	0.7296	0.8011	0.1158	0.9977	0.9987	0.9938	0.9959
46.0	0.7753	0.6928	0.7619	0.2688	0.9963	0.9987	0.9909	0.9951
46.1	0.6960	0.7817	0.5674	0.6153	0.9967	0.9984	0.9906	0.9940
46.2	0.4997	0.8445	0.3344	0.7160	0.9976	0.9982	0.9919	0.9935
46.3	0.6732	0.8651	0.4106	0.7394	0.9979	0.9988	0.9924	0.9957
46.4	0.7749	0.8449	0.6245	0.5004	0.9982	0.9989	0.9935	0.9961
46.5	0.7925	0.8491	0.7473	0.2736	0.9981	0.9985	0.9926	0.9946
46.6	0.7393	0.7840	0.7478	0.3986	0.9980	0.9986	0.9914	0.9950
46.7	0.7573	0.7331	0.7623	0.3912	0.9977	0.9986	0.9907	0.9952
46.8	0.7755	0.7613	0.8757	0.4031	0.9981	0.9986	0.9910	0.9943
46.9	0.7590	0.7762	0.8817	0.4002	0.9977	0.9986	0.9917	0.9945
47.0	0.7876	0.7506	0.8436	0.4372	0.9974	0.9982	0.9920	0.9941
47.1	0.7447	0.7842	0.7062	0.4308	0.9974	0.9981	0.9887	0.9932
47.2	0.7662	0.7799	0.7976	0.2204	0.9976	0.9987	0.9878	0.9933
47.3	0.8240	0.7487	0.8576	0.3510	0.9972	0.9988	0.9896	0.9938
47.4	0.7957	0.7999	0.8569	0.4744	0.9976	0.9987	0.9902	0.9950
47.5	0.7857	0.8154	0.8474	0.5340	0.9980	0.9989	0.9904	0.9963
47.6	0.8098	0.7700	0.8409	0.4937	0.9977	0.9986	0.9905	0.9950
47.7	0.8372	0.7674	0.8369	0.3122	0.9973	0.9986	0.9890	0.9960
47.8	0.8598	0.7816	0.8371	0.3252	0.9975	0.9983	0.9892	0.9941
47.9	0.7772	0.7524	0.8907	0.6916	0.9975	0.9985	0.9901	0.9945
48.0	0.6614	0.7418	0.8694	0.7729	0.9978	0.9987	0.9902	0.9949
48.1	0.7824	0.8740	0.8523	0.8218	0.9981	0.9984	0.9888	0.9944
48.2	0.7647	0.8724	0.6928	0.7316	0.9970	0.9979	0.9802	0.9911
48.3	0.8589	0.8563	0.6816	0.5800	0.9960	0.9980	0.9787	0.9890
48.4	0.8772	0.8768	0.6799	0.3994	0.9966	0.9982	0.9832	0.9927
48.5	0.8607	0.8791	0.6877	0.3724	0.9967	0.9981	0.9819	0.9926
48.6	0.7923	0.8325	0.6401	0.4661	0.9962	0.9983	0.9815	0.9933
48.7	0.7849	0.7489	0.5782	0.1327	0.9955	0.9978	0.9819	0.9918
48.8	0.8997	0.7408	0.8027	0.3536	0.9976	0.9986	0.9858	0.9950
48.9	0.9009	0.8577	0.8489	0.7098	0.9980	0.9986	0.9854	0.9944
49.0	0.8655	0.8725	0.8610	0.7890	0.9972	0.9981	0.9825	0.9917
49.1	0.7955	0.8602	0.7832	0.8245	0.9971	0.9978	0.9829	0.9903
49.2	0.7375	0.8458	0.6611	0.7159	0.9972	0.9980	0.9836	0.9912
49.3	0.6508	0.8131	0.6428	0.5874	0.9967	0.9975	0.9813	0.9905
49.4	0.5386	0.8350	0.5852	0.5570	0.9969	0.9976	0.9812	0.9911
49.5	0.4873	0.8583	0.5444	0.6011	0.9967	0.9974	0.9840	0.9895
49.6	0.5480	0.8767	0.5241	0.6425	0.9965	0.9975	0.9808	0.9887
49.7	0.1224	0.6864	0.2334	0.4113	0.9956	0.9974	0.9750	0.9880
49.8	0.0183	0.4080	0.1069	0.1896	0.9968	0.9979	0.9798	0.9908
49.9	0.1043	0.4316	0.0962	0.1518	0.9960	0.9979	0.9795	0.9909
50.0	0.5315	0.8177	0.4403	0.4346	0.9950	0.9970	0.9811	0.9884
50.1	0.4258	0.7696	0.3675	0.3772	0.9937	0.9953	0.9804	0.9864
50.2	0.4378	0.7825	0.4237	0.4257	0.9907	0.9943	0.9771	0.9829
50.3	0.6184	0.8964	0.4803	0.5660	0.9953	0.9964	0.9760	0.9862
50.4	0.5556	0.8931	0.3113	0.3970	0.9962	0.9970	0.9719	0.9849
50.5	0.4014	0.8796	0.1311	0.2493	0.9961	0.9980	0.9736	0.9899
50.6	0.4075	0.8904	0.2786	0.4624	0.9965	0.9980	0.9766	0.9918
50.7	0.1844	0.8764	0.3291	0.4915	0.9971	0.9978	0.9803	0.9906
50.8	0.0422	0.8111	0.2418	0.3564	0.9937	0.9965	0.9648	0.9824
50.9	0.0279	0.8387	0.3144	0.4261	0.9913	0.9955	0.9703	0.9804

51.0	0.1690	0.8771	0.4203	0.5397	0.9942	0.9960	0.9698	0.9810
51.1	0.3804	0.9167	0.4740	0.5596	0.9953	0.9963	0.9653	0.9824
51.2	0.5295	0.9058	0.3752	0.4782	0.9939	0.9960	0.9740	0.9823
51.3	0.4999	0.8785	0.4603	0.5649	0.9945	0.9970	0.9739	0.9855
51.4	0.3067	0.7939	0.5977	0.6251	0.9910	0.9957	0.9668	0.9796
51.5	0.3068	0.8288	0.7074	0.7070	0.9913	0.9950	0.9693	0.9767
51.6	0.5602	0.9125	0.8065	0.7916	0.9938	0.9964	0.9655	0.9828
51.7	0.6094	0.8854	0.6894	0.6828	0.9942	0.9953	0.9606	0.9790
51.8	0.7728	0.8813	0.7034	0.6584	0.9936	0.9962	0.9680	0.9830
51.9	0.7489	0.9148	0.7549	0.6710	0.9941	0.9960	0.9696	0.9822
52.0	0.7076	0.9350	0.7888	0.7252	0.9951	0.9965	0.9736	0.9841
52.1	0.5826	0.9344	0.8167	0.7515	0.9945	0.9958	0.9721	0.9794
52.2	0.6973	0.9071	0.8261	0.7167	0.9939	0.9949	0.9692	0.9738
52.3	0.8264	0.9163	0.8621	0.7791	0.9951	0.9969	0.9721	0.9839
52.4	0.7953	0.9147	0.8326	0.7303	0.9936	0.9964	0.9690	0.9821
52.5	0.8294	0.9207	0.8771	0.8018	0.9938	0.9960	0.9787	0.9808
52.6	0.8870	0.9417	0.9272	0.8664	0.9942	0.9963	0.9745	0.9825
52.7	0.8862	0.9376	0.9216	0.8718	0.9930	0.9956	0.9753	0.9787
52.8	0.8759	0.9272	0.9275	0.8675	0.9934	0.9956	0.9711	0.9806
52.9	0.9120	0.9282	0.9465	0.9001	0.9942	0.9953	0.9711	0.9845
53.0	0.9097	0.9098	0.9256	0.8527	0.9925	0.9949	0.9668	0.9817
53.1	0.9245	0.9204	0.9297	0.8741	0.9914	0.9945	0.9761	0.9824
53.2	0.9566	0.9439	0.9572	0.9212	0.9941	0.9957	0.9811	0.9865
53.3	0.9618	0.9509	0.9561	0.9258	0.9945	0.9949	0.9798	0.9845
53.4	0.9547	0.9256	0.9500	0.9228	0.9917	0.9939	0.9756	0.9814
53.5	0.9649	0.9086	0.9585	0.9244	0.9936	0.9959	0.9804	0.9878
53.6	0.9666	0.9233	0.9586	0.9309	0.9959	0.9966	0.9858	0.9890
53.7	0.9714	0.9147	0.9649	0.9228	0.9948	0.9968	0.9866	0.9899
53.8	0.9666	0.9133	0.9675	0.9232	0.9926	0.9956	0.9832	0.9894
53.9	0.9675	0.8810	0.9593	0.9088	0.9919	0.9962	0.9793	0.9891
54.0	0.9648	0.8369	0.9508	0.9040	0.9912	0.9953	0.9770	0.9875
54.1	0.9577	0.8384	0.9388	0.8944	0.9935	0.9960	0.9826	0.9900
54.2	0.9481	0.7559	0.9301	0.8657	0.9941	0.9962	0.9815	0.9887
54.3	0.9685	0.7999	0.9557	0.9032	0.9947	0.9971	0.9855	0.9918
54.4	0.9783	0.8276	0.9656	0.9181	0.9957	0.9966	0.9890	0.9925
54.5	0.9628	0.7376	0.9432	0.8895	0.9946	0.9956	0.9895	0.9894
54.6	0.9564	0.6962	0.9402	0.8800	0.9946	0.9955	0.9906	0.9884
54.7	0.9579	0.4932	0.9363	0.7971	0.9947	0.9970	0.9915	0.9918
54.8	0.9554	0.5778	0.9378	0.8068	0.9953	0.9968	0.9917	0.9925
54.9	0.9651	0.6438	0.9517	0.8835	0.9956	0.9964	0.9883	0.9908
55.0	0.9571	0.6518	0.9401	0.7772	0.9944	0.9962	0.9872	0.9899
55.1	0.9473	0.6218	0.9219	0.6336	0.9941	0.9970	0.9897	0.9921
55.2	0.9479	0.6127	0.9246	0.6478	0.9940	0.9974	0.9905	0.9912
55.3	0.9483	0.6005	0.9118	0.6825	0.9954	0.9975	0.9890	0.9913
55.4	0.9436	0.6822	0.9281	0.6995	0.9947	0.9964	0.9921	0.9897
55.5	0.9469	0.7131	0.9306	0.7214	0.9936	0.9952	0.9902	0.9868
55.6	0.9692	0.7798	0.9513	0.8290	0.9967	0.9970	0.9907	0.9913
55.7	0.9658	0.7607	0.9399	0.8102	0.9951	0.9967	0.9914	0.9908
55.8	0.9505	0.7402	0.9287	0.7975	0.9961	0.9967	0.9947	0.9901
55.9	0.9538	0.7073	0.9229	0.7906	0.9963	0.9971	0.9937	0.9918
56.0	0.9527	0.6861	0.9201	0.7661	0.9958	0.9974	0.9933	0.9930
56.1	0.9473	0.7027	0.9158	0.7689	0.9958	0.9976	0.9934	0.9925
56.2	0.9421	0.7363	0.9220	0.8045	0.9957	0.9960	0.9932	0.9872
56.3	0.9353	0.7174	0.9175	0.7927	0.9956	0.9959	0.9936	0.9858
56.4	0.9571	0.7587	0.9306	0.8293	0.9958	0.9973	0.9945	0.9901
56.5	0.9466	0.6878	0.9222	0.8037	0.9950	0.9965	0.9934	0.9892
56.6	0.9307	0.7046	0.9202	0.7639	0.9937	0.9966	0.9942	0.9876
56.7	0.9280	0.7269	0.9017	0.7733	0.9942	0.9968	0.9935	0.9881
56.8	0.9486	0.7116	0.9145	0.8147	0.9969	0.9972	0.9954	0.9893
56.9	0.9523	0.7292	0.9223	0.8242	0.9957	0.9977	0.9950	0.9905
57.0	0.9337	0.6343	0.8940	0.7779	0.9940	0.9959	0.9930	0.9839
57.1	0.9419	0.6030	0.9096	0.7838	0.9933	0.9955	0.9941	0.9834
57.2	0.9423	0.6352	0.9205	0.8195	0.9939	0.9973	0.9945	0.9894
57.3	0.9482	0.6909	0.9268	0.8339	0.9946	0.9970	0.9940	0.9880
57.4	0.9194	0.6039	0.8927	0.7533	0.9942	0.9962	0.9923	0.9866
57.5	0.8892	0.4473	0.8360	0.6427	0.9943	0.9955	0.9917	0.9837
57.6	0.8894	0.5345	0.8670	0.6890	0.9930	0.9952	0.9921	0.9798
57.7	0.9114	0.6089	0.8793	0.7433	0.9924	0.9960	0.9945	0.9846
57.8	0.9198	0.5449	0.8613	0.7568	0.9948	0.9963	0.9960	0.9855
57.9	0.9401	0.6192	0.8883	0.8165	0.9961	0.9967	0.9965	0.9879
58.0	0.9490	0.6300	0.9123	0.8159	0.9954	0.9963	0.9955	0.9850
58.1	0.9387	0.6024	0.9045	0.7790	0.9954	0.9963	0.9937	0.9850
58.2	0.9146	0.5560	0.8668	0.7249	0.9939	0.9958	0.9932	0.9845
58.3	0.9160	0.5302	0.8452	0.7080	0.9935	0.9959	0.9943	0.9845
58.4	0.9120	0.4723	0.8309	0.6621	0.9945	0.9958	0.9935	0.9829
58.5	0.9175	0.3314	0.8231	0.6167	0.9945	0.9952	0.9932	0.9772
58.6	0.8747	0.1422	0.7139	0.4313	0.9934	0.9947	0.9949	0.9774
58.7	0.8608	0.1594	0.7335	0.4450	0.9946	0.9953	0.9960	0.9814
58.8	0.8989	0.3427	0.8265	0.6062	0.9933	0.9941	0.9930	0.9761
58.9	0.9094	0.2146	0.8088	0.5903	0.9918	0.9932	0.9903	0.9697
59.0	0.9259	0.2669	0.8649	0.6839	0.9951	0.9947	0.9938	0.9760
59.1	0.9335	0.3540	0.8656	0.7001	0.9956	0.9953	0.9949	0.9819
59.2	0.9367	0.3214	0.8753	0.6787	0.9947	0.9952	0.9952	0.9812
59.3	0.9429	0.3660	0.8653	0.7345	0.9932	0.9959	0.9956	0.9827
59.4	0.9469	0.3752	0.8802	0.7746	0.9948	0.9958	0.9942	0.9808
59.5	0.9506	0.1704	0.8732	0.7283	0.9950	0.9961	0.9955	0.9823

59.6	0.9407	0.1561	0.8571	0.6929	0.9929	0.9954	0.9944	0.9782
59.7	0.9245	0.1697	0.8373	0.6718	0.9927	0.9953	0.9930	0.9773
59.8	0.9380	0.2275	0.9031	0.7447	0.9943	0.9957	0.9945	0.9775
59.9	0.7455	0.1355	0.3648	0.1842	0.8281	0.8374	0.9907	0.7625
60.0	0.4603	0.1108	0.1941	0.1211	0.5784	0.6092	0.9836	0.4528
60.1	0.6333	0.0871	0.2633	0.1128	0.8111	0.7927	0.9893	0.7412
60.2	0.8774	0.1755	0.7590	0.5616	0.9907	0.9937	0.9934	0.9612
60.3	0.8979	0.1144	0.8173	0.6733	0.9922	0.9933	0.9952	0.9634
60.4	0.9317	0.1237	0.8364	0.7258	0.9921	0.9940	0.9941	0.9737
60.5	0.9317	0.1230	0.8267	0.6953	0.9906	0.9966	0.9930	0.9828
60.6	0.9072	0.0791	0.7938	0.6466	0.9922	0.9956	0.9957	0.9753
60.7	0.9150	0.0835	0.8332	0.7343	0.9935	0.9960	0.9948	0.9769
60.8	0.9215	0.1713	0.8413	0.7353	0.9924	0.9955	0.9922	0.9763
60.9	0.9060	0.2484	0.8355	0.7520	0.9928	0.9951	0.9944	0.9742
61.0	0.9142	0.3471	0.8609	0.7693	0.9935	0.9947	0.9961	0.9739
61.1	0.8890	0.4075	0.8339	0.7306	0.9931	0.9931	0.9941	0.9644
61.2	0.8728	0.4505	0.8253	0.7034	0.9910	0.9941	0.9917	0.9615
61.3	0.8863	0.3796	0.8318	0.7199	0.9938	0.9960	0.9947	0.9740
61.4	0.8895	0.3407	0.8331	0.7005	0.9935	0.9961	0.9942	0.9746
61.5	0.8660	0.2729	0.8031	0.6339	0.9927	0.9951	0.9951	0.9716
61.6	0.8351	0.2865	0.7983	0.6254	0.9923	0.9950	0.9943	0.9702
61.7	0.8497	0.3548	0.7874	0.6492	0.9913	0.9954	0.9947	0.9696
61.8	0.8414	0.2457	0.7730	0.5898	0.9917	0.9950	0.9924	0.9669
61.9	0.7971	0.2205	0.7515	0.5607	0.9904	0.9940	0.9908	0.9634
62.0	0.8269	0.0999	0.7523	0.5618	0.9899	0.9951	0.9944	0.9707
62.1	0.8104	0.0692	0.6943	0.5184	0.9896	0.9930	0.9937	0.9588
62.2	0.7695	0.1378	0.6945	0.5096	0.9888	0.9923	0.9913	0.9527
62.3	0.8053	0.1944	0.7904	0.5455	0.9941	0.9949	0.9930	0.9714
62.4	0.7860	0.0870	0.6786	0.4225	0.9913	0.9940	0.9922	0.9683
62.5	0.7413	0.0273	0.5721	0.3057	0.9881	0.9919	0.9891	0.9482
62.6	0.7584	0.0245	0.6125	0.3436	0.9909	0.9929	0.9912	0.9580
62.7	0.7243	0.0242	0.6126	0.4019	0.9877	0.9929	0.9907	0.9606
62.8	0.7721	0.0318	0.6518	0.4248	0.9914	0.9947	0.9939	0.9676
62.9	0.7860	0.0671	0.6541	0.4641	0.9935	0.9955	0.9945	0.9699
63.0	0.6707	0.1240	0.5866	0.3652	0.9871	0.9945	0.9897	0.9638
63.1	0.7273	0.1883	0.6506	0.4686	0.9880	0.9947	0.9921	0.9648
63.2	0.7047	0.2434	0.6434	0.4341	0.9888	0.9946	0.9895	0.9641
63.3	0.6940	0.2111	0.5616	0.4062	0.9897	0.9946	0.9887	0.9672
63.4	0.5970	0.2070	0.4891	0.3709	0.9891	0.9937	0.9874	0.9678
63.5	0.6269	0.1303	0.5277	0.2373	0.9897	0.9944	0.9879	0.9705
63.6	0.6563	0.2690	0.5923	0.4216	0.9869	0.9937	0.9883	0.9618
63.7	0.6096	0.3413	0.5609	0.4079	0.9846	0.9934	0.9897	0.9575
63.8	0.6830	0.3544	0.6242	0.4950	0.9860	0.9944	0.9877	0.9672
63.9	0.6854	0.3649	0.6486	0.5209	0.9854	0.9937	0.9890	0.9663
64.0	0.6404	0.4760	0.6323	0.5466	0.9839	0.9948	0.9875	0.9679
64.1	0.5575	0.4053	0.5380	0.4714	0.9790	0.9941	0.9854	0.9572
64.2	0.6178	0.4934	0.6230	0.5897	0.9843	0.9948	0.9853	0.9666
64.3	0.5989	0.5384	0.6437	0.5418	0.9879	0.9946	0.9862	0.9629
64.4	0.4907	0.4947	0.5284	0.4111	0.9847	0.9926	0.9812	0.9504
64.5	0.6118	0.5236	0.6173	0.4759	0.9851	0.9938	0.9855	0.9581
64.6	0.5723	0.4150	0.5415	0.4419	0.9836	0.9916	0.9844	0.9453
64.7	0.5388	0.3863	0.4897	0.4267	0.9844	0.9921	0.9873	0.9504
64.8	0.5827	0.3713	0.5202	0.4590	0.9849	0.9943	0.9898	0.9635
64.9	0.5139	0.3545	0.4502	0.4203	0.9740	0.9941	0.9875	0.9561
65.0	0.5651	0.3050	0.4716	0.3953	0.9704	0.9923	0.9787	0.9493
65.1	0.5557	0.3412	0.5038	0.4991	0.9817	0.9932	0.9812	0.9568
65.2	0.6349	0.4236	0.6075	0.5258	0.9833	0.9946	0.9871	0.9642
65.3	0.6116	0.4422	0.5586	0.4941	0.9831	0.9940	0.9851	0.9586
65.4	0.6197	0.4075	0.5644	0.5503	0.9849	0.9948	0.9861	0.9682
65.5	0.6386	0.4205	0.6083	0.5488	0.9863	0.9962	0.9851	0.9718
65.6	0.6030	0.4519	0.6113	0.5257	0.9881	0.9966	0.9882	0.9707
65.7	0.5762	0.3874	0.5524	0.4451	0.9867	0.9954	0.9870	0.9601
65.8	0.6342	0.4842	0.6633	0.6157	0.9822	0.9935	0.9831	0.9527
65.9	0.6349	0.5115	0.6182	0.6687	0.9871	0.9956	0.9899	0.9652
66.0	0.5910	0.5164	0.6104	0.6147	0.9896	0.9954	0.9877	0.9672
66.1	0.5333	0.3904	0.5388	0.4879	0.9851	0.9954	0.9833	0.9707
66.2	0.6918	0.5177	0.6178	0.5898	0.9886	0.9960	0.9867	0.9733
66.3	0.6459	0.5390	0.6413	0.5459	0.9890	0.9943	0.9852	0.9610
66.4	0.5770	0.4788	0.5649	0.5599	0.9784	0.9913	0.9830	0.9436
66.5	0.6689	0.4872	0.6481	0.6355	0.9799	0.9942	0.9852	0.9643
66.6	0.8044	0.5729	0.7205	0.7099	0.9884	0.9961	0.9903	0.9741
66.7	0.7895	0.6635	0.7405	0.7442	0.9891	0.9971	0.9906	0.9771
66.8	0.7446	0.5590	0.6813	0.6851	0.9853	0.9949	0.9841	0.9599
66.9	0.7050	0.5866	0.6709	0.6602	0.9797	0.9947	0.9893	0.9612
67.0	0.7327	0.6202	0.6892	0.6772	0.9801	0.9944	0.9897	0.9671
67.1	0.7386	0.5781	0.6733	0.6440	0.9821	0.9949	0.9851	0.9686
67.2	0.7471	0.5514	0.6729	0.6999	0.9829	0.9950	0.9831	0.9738
67.3	0.7625	0.5662	0.6638	0.7536	0.9853	0.9954	0.9838	0.9739
67.4	0.7150	0.5424	0.6041	0.6901	0.9804	0.9951	0.9804	0.9702
67.5	0.6859	0.5380	0.6640	0.6063	0.9771	0.9940	0.9817	0.9681
67.6	0.7344	0.5104	0.6635	0.6071	0.9771	0.9945	0.9863	0.9658
67.7	0.7886	0.5430	0.6784	0.6900	0.9814	0.9948	0.9866	0.9643
67.8	0.7178	0.5864	0.6085	0.7146	0.9783	0.9936	0.9809	0.9564
67.9	0.7467	0.5956	0.6818	0.6957	0.9822	0.9936	0.9795	0.9671
68.0	0.8028	0.6123	0.7462	0.7244	0.9810	0.9950	0.9836	0.9737
68.1	0.7886	0.5796	0.6815	0.6970	0.9790	0.9947	0.9828	0.9705

68.2	0.8148	0.6449	0.6966	0.7214	0.9806	0.9951	0.9845	0.9696
68.3	0.7406	0.6676	0.7226	0.7086	0.9786	0.9941	0.9803	0.9660
68.4	0.6927	0.6039	0.6068	0.7553	0.9813	0.9932	0.9804	0.9601
68.5	0.7365	0.6178	0.6544	0.7684	0.9809	0.9949	0.9833	0.9693
68.6	0.7640	0.6398	0.7259	0.7602	0.9749	0.9946	0.9835	0.9696
68.7	0.8380	0.6677	0.7840	0.7444	0.9758	0.9945	0.9856	0.9710
68.8	0.8191	0.6630	0.7674	0.7120	0.9762	0.9947	0.9835	0.9665
68.9	0.8040	0.6282	0.7564	0.7581	0.9773	0.9961	0.9880	0.9716
69.0	0.6905	0.6042	0.7163	0.6751	0.9738	0.9944	0.9892	0.9693
69.1	0.7103	0.6628	0.7180	0.6814	0.9760	0.9948	0.9851	0.9682
69.2	0.7249	0.7058	0.7341	0.7451	0.9693	0.9933	0.9828	0.9603
69.3	0.7237	0.6353	0.7036	0.7253	0.9735	0.9940	0.9816	0.9627
69.4	0.8168	0.6651	0.7630	0.7685	0.9778	0.9950	0.9841	0.9708
69.5	0.7877	0.6666	0.7774	0.7634	0.9705	0.9925	0.9815	0.9616
69.6	0.8114	0.6848	0.7953	0.7886	0.9735	0.9941	0.9821	0.9694
69.7	0.8412	0.7067	0.8138	0.8004	0.9786	0.9956	0.9849	0.9753
69.8	0.8056	0.6910	0.7895	0.7802	0.9773	0.9950	0.9846	0.9705
69.9	0.7165	0.6350	0.6952	0.7479	0.9744	0.9917	0.9819	0.9527
70.0	0.7447	0.6421	0.7129	0.7389	0.9740	0.9916	0.9791	0.9587
70.1	0.7195	0.6360	0.7450	0.6853	0.9653	0.9916	0.9781	0.9610
70.2	0.6725	0.6078	0.7082	0.6756	0.9588	0.9920	0.9686	0.9544
70.3	0.6083	0.6406	0.6966	0.6734	0.9437	0.9906	0.9608	0.9420
70.4	0.6880	0.6294	0.6968	0.6861	0.9574	0.9895	0.9770	0.9538
70.5	0.6834	0.7308	0.7244	0.7259	0.9721	0.9912	0.9797	0.9640
70.6	0.5293	0.6651	0.7480	0.7100	0.9653	0.9900	0.9727	0.9539
70.7	0.5849	0.6500	0.7732	0.7353	0.9617	0.9906	0.9780	0.9626
70.8	0.6805	0.7376	0.7477	0.7398	0.9566	0.9912	0.9805	0.9564
70.9	0.7530	0.7495	0.7861	0.7957	0.9820	0.9946	0.9849	0.9753
71.0	0.7365	0.7727	0.8192	0.8261	0.9728	0.9915	0.9843	0.9646
71.1	0.7168	0.7098	0.7866	0.8005	0.9535	0.9895	0.9776	0.9478
71.2	0.7083	0.7689	0.8161	0.8097	0.9615	0.9931	0.9796	0.9588
71.3	0.6658	0.7743	0.8087	0.8036	0.9633	0.9920	0.9776	0.9581
71.4	0.6472	0.7934	0.8301	0.8009	0.9624	0.9911	0.9746	0.9623
71.5	0.6956	0.8404	0.7976	0.8257	0.9588	0.9925	0.9780	0.9690
71.6	0.6890	0.7862	0.7508	0.8042	0.9527	0.9905	0.9774	0.9582
71.7	0.6716	0.8235	0.7974	0.8232	0.9571	0.9913	0.9724	0.9626
71.8	0.7545	0.8833	0.8770	0.8808	0.9646	0.9938	0.9814	0.9757
71.9	0.7511	0.8832	0.8728	0.8880	0.9708	0.9947	0.9802	0.9779
72.0	0.6734	0.8701	0.7947	0.8391	0.9492	0.9918	0.9704	0.9697
72.1	0.7428	0.8688	0.8170	0.8511	0.9539	0.9921	0.9726	0.9637
72.2	0.7616	0.8904	0.7856	0.8174	0.9642	0.9934	0.9806	0.9686
72.3	0.7768	0.8768	0.7327	0.7753	0.9562	0.9879	0.9779	0.9506
72.4	0.8073	0.8528	0.7267	0.7832	0.9498	0.9892	0.9735	0.9531
72.5	0.8135	0.8186	0.7073	0.7699	0.9401	0.9889	0.9638	0.9518
72.6	0.8083	0.8185	0.7395	0.7528	0.9281	0.9890	0.9604	0.9510
72.7	0.8146	0.8396	0.7483	0.7704	0.9467	0.9924	0.9678	0.9546
72.8	0.8571	0.8727	0.7978	0.8210	0.9606	0.9930	0.9735	0.9677
72.9	0.8929	0.8893	0.8037	0.8247	0.9547	0.9928	0.9767	0.9681
73.0	0.9099	0.8592	0.7768	0.8214	0.9419	0.9919	0.9742	0.9631
73.1	0.8909	0.8434	0.7511	0.8272	0.9469	0.9906	0.9763	0.9637
73.2	0.8793	0.8695	0.7912	0.8484	0.9436	0.9914	0.9717	0.9653
73.3	0.8975	0.9133	0.8185	0.8426	0.9321	0.9898	0.9672	0.9634
73.4	0.8676	0.8599	0.7482	0.7251	0.9083	0.9878	0.9557	0.9521
73.5	0.8582	0.8273	0.6931	0.6555	0.9174	0.9888	0.9658	0.9533
73.6	0.9030	0.8583	0.7917	0.7763	0.9210	0.9897	0.9742	0.9594
73.7	0.9098	0.8604	0.7890	0.8032	0.9176	0.9892	0.9743	0.9556
73.8	0.9214	0.8774	0.8193	0.8132	0.9282	0.9917	0.9749	0.9657
73.9	0.9402	0.8933	0.8389	0.8020	0.9232	0.9926	0.9729	0.9694
74.0	0.9212	0.9012	0.7860	0.7712	0.9221	0.9912	0.9723	0.9651
74.1	0.9249	0.9044	0.8000	0.8005	0.9289	0.9919	0.9720	0.9706
74.2	0.9193	0.9181	0.8204	0.8249	0.9381	0.9936	0.9719	0.9730
74.3	0.9237	0.8831	0.7996	0.8464	0.9293	0.9939	0.9735	0.9722
74.4	0.9361	0.8846	0.8149	0.8484	0.9387	0.9927	0.9784	0.9730
74.5	0.9250	0.8667	0.8328	0.8250	0.9021	0.9884	0.9726	0.9639
74.6	0.9244	0.8722	0.8120	0.8120	0.8679	0.9899	0.9631	0.9602
74.7	0.9286	0.8957	0.8440	0.8346	0.8906	0.9899	0.9633	0.9630
74.8	0.9048	0.8423	0.8088	0.8258	0.8583	0.9892	0.9558	0.9646
74.9	0.9158	0.7913	0.8237	0.8436	0.8487	0.9874	0.9541	0.9575
75.0	0.9321	0.7905	0.8849	0.8773	0.8911	0.9888	0.9666	0.9613
75.1	0.9205	0.8301	0.8590	0.8373	0.8759	0.9885	0.9622	0.9556
75.2	0.9199	0.7879	0.8292	0.8225	0.8545	0.9884	0.9661	0.9544
75.3	0.9403	0.8454	0.8793	0.8705	0.8966	0.9911	0.9701	0.9646
75.4	0.9390	0.8632	0.9135	0.8746	0.8815	0.9907	0.9648	0.9678
75.5	0.9308	0.8178	0.8974	0.8701	0.8697	0.9860	0.9704	0.9620
75.6	0.9333	0.8106	0.8992	0.8811	0.8482	0.9864	0.9652	0.9552
75.7	0.9472	0.7914	0.9101	0.9064	0.8526	0.9897	0.9732	0.9665
75.8	0.9475	0.8091	0.9230	0.9135	0.8215	0.9900	0.9753	0.9703
75.9	0.9284	0.7942	0.8893	0.8847	0.8126	0.9863	0.9700	0.9539
76.0	0.9209	0.7607	0.8603	0.8648	0.7631	0.9839	0.9649	0.9502
76.1	0.9431	0.7591	0.8906	0.8959	0.8059	0.9862	0.9669	0.9643
76.2	0.9479	0.6810	0.9063	0.9138	0.8042	0.9868	0.9624	0.9661
76.3	0.9380	0.6545	0.9069	0.8960	0.7960	0.9876	0.9562	0.9634
76.4	0.9549	0.7293	0.9469	0.9303	0.8036	0.9864	0.9707	0.9601
76.5	0.9415	0.6241	0.9331	0.9227	0.7719	0.9871	0.9674	0.9573
76.6	0.9274	0.5090	0.9105	0.8978	0.6882	0.9848	0.9638	0.9586
76.7	0.9414	0.6045	0.9156	0.9185	0.7630	0.9912	0.9664	0.9723

76.8	0.9542	0.6577	0.9321	0.9361	0.8118	0.9921	0.9738	0.9767
76.9	0.9598	0.6195	0.9438	0.9451	0.8161	0.9920	0.9768	0.9734
77.0	0.9643	0.6379	0.9421	0.9536	0.8097	0.9907	0.9715	0.9742
77.1	0.9653	0.7582	0.9514	0.9580	0.8233	0.9922	0.9687	0.9788
77.2	0.9456	0.7131	0.9347	0.9292	0.8253	0.9871	0.9568	0.9655
77.3	0.9288	0.5911	0.9082	0.9001	0.7213	0.9819	0.9410	0.9486
77.4	0.9370	0.7196	0.9243	0.9178	0.6934	0.9859	0.9581	0.9568
77.5	0.9538	0.7941	0.9394	0.9325	0.7693	0.9879	0.9660	0.9675
77.6	0.9549	0.7815	0.9307	0.9389	0.7996	0.9898	0.9666	0.9710
77.7	0.9642	0.8139	0.9500	0.9533	0.8314	0.9897	0.9699	0.9737
77.8	0.9493	0.8185	0.9414	0.9295	0.7750	0.9850	0.9605	0.9659
77.9	0.9555	0.8194	0.9438	0.9431	0.8353	0.9841	0.9648	0.9657
78.0	0.9639	0.8441	0.9537	0.9579	0.8183	0.9861	0.9663	0.9726
78.1	0.9632	0.8665	0.9554	0.9602	0.8512	0.9871	0.9710	0.9734
78.2	0.9615	0.8746	0.9533	0.9526	0.8442	0.9860	0.9705	0.9707
78.3	0.9410	0.8155	0.9286	0.9254	0.8186	0.9837	0.9633	0.9629
78.4	0.9286	0.8090	0.9118	0.9074	0.8219	0.9849	0.9562	0.9572
78.5	0.9417	0.8606	0.9209	0.9258	0.8425	0.9858	0.9644	0.9638
78.6	0.9471	0.8654	0.9232	0.9316	0.8497	0.9831	0.9677	0.9668
78.7	0.9538	0.8892	0.9365	0.9423	0.8767	0.9856	0.9641	0.9713
78.8	0.9475	0.8869	0.9348	0.9328	0.9026	0.9879	0.9587	0.9714
78.9	0.9474	0.9011	0.9322	0.9416	0.9223	0.9887	0.9490	0.9735
79.0	0.9402	0.8928	0.9278	0.9303	0.8808	0.9854	0.9394	0.9695
79.1	0.9260	0.8346	0.9116	0.8977	0.7942	0.9810	0.9467	0.9615
79.2	0.9160	0.7913	0.8901	0.8762	0.7787	0.9770	0.9555	0.9547
79.3	0.9484	0.8929	0.9361	0.9264	0.8607	0.9862	0.9729	0.9763
79.4	0.9634	0.9200	0.9538	0.9507	0.8923	0.9850	0.9760	0.9758
79.5	0.9435	0.8990	0.9350	0.9332	0.8523	0.9778	0.9698	0.9600
79.6	0.9409	0.9060	0.9315	0.9251	0.8767	0.9806	0.9609	0.9645
79.7	0.9410	0.8881	0.9311	0.9235	0.8787	0.9801	0.9610	0.9639
79.8	0.9427	0.8745	0.9256	0.9278	0.8489	0.9821	0.9601	0.9683
79.9	0.9528	0.8949	0.9355	0.9333	0.8638	0.9806	0.9623	0.9703
80.0	0.9483	0.9026	0.9349	0.9351	0.8896	0.9825	0.9651	0.9700

2 Accelerometer Data

2.1 Frequency Response Function (FRF) Data

2.1.1 Run 1 – IP000 – Accels 1–8

In-plane shaking at 0°. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	24.6278+0.0000i	-2.7725+0.0000i	17.0634+0.0000i	34.3031+0.0000i	0.2742+0.0000i	17.8641+0.0000i	14.0809+0.0000i	14.4542+0.0000i
0.1	2.1241-5.2993i	-0.1345+0.1181i	-0.9181+0.3146i	0.4604+0.6670i	-3.9553+0.2874i	-6.7113-18.7579i	14.3491-5.1367i	3.6677-14.2044i
0.2	-1.6196-2.0190i	1.0865-0.4749i	1.6077-0.0522i	1.9738+0.9425i	4.8682-1.3623i	8.6959-2.0194i	5.5429-1.4924i	-4.4663-1.7675i
0.3	0.6141-1.2448i	-0.0154-0.2736i	0.0909-0.4369i	-0.2711-0.4064i	-0.5440+1.0377i	-2.8313+1.0192i	-1.4318+1.6552i	2.5963-0.0174i
0.4	0.4488-0.2258i	0.1442+0.1363i	0.1079+0.0922i	-0.1011+0.2494i	-0.9036+0.0619i	-1.7348-0.5023i	0.0634+0.9648i	0.7914-0.7007i
0.5	1.2580-0.4633i	0.1919-0.2220i	0.1083+0.0057i	0.1463+0.3205i	0.1705+1.1122i	-2.0883+1.8117i	-1.6857+2.8654i	1.4862-1.6912i
0.6	0.4627+0.0361i	-0.2064+0.8112i	0.2093+0.3615i	0.1258+1.3946i	-0.0817-0.2305i	0.5360+1.4701i	1.8314+1.3963i	-0.3073-2.0319i
0.7	0.0150-0.0816i	0.0760-0.0128i	-0.1574-0.0006i	-0.1814+0.1599i	0.0977-0.3200i	0.0290-1.1600i	0.3205+0.2305i	-0.7317-0.3312i
0.8	0.0521+0.0260i	0.1587+0.0246i	0.0468-0.0546i	0.0011-0.0159i	-0.1258+0.1176i	0.0387+0.3181i	-0.0324+0.1554i	0.1081-0.1528i
0.9	0.2674-0.0106i	0.1424+0.0142i	0.0037-0.0145i	0.0137-0.0119i	-0.0427-0.1032i	-0.1307-0.1408i	0.0115-0.1714i	-0.2337+0.0388i
1.0	0.1547-0.3317i	0.2831+0.0312i	-0.0129+0.0802i	-0.0228+0.0291i	-0.0648+0.0603i	0.0199+0.0743i	0.0162+0.0846i	-0.1026+0.0017i
1.1	0.1060+0.0115i	0.2590+0.0221i	0.0764+0.0220i	-0.0087-0.0027i	-0.0875-0.0386i	0.0500+0.0047i	0.0431-0.0128i	-0.1073-0.0021i
1.2	0.2093+0.0398i	0.3425+0.0271i	0.0809-0.0159i	-0.0041+0.0061i	-0.1705+0.0177i	-0.0056+0.0177i	-0.0024+0.0248i	-0.1289-0.0229i
1.3	0.4269+0.1163i	0.4047+0.0504i	-0.0475-0.0593i	-0.0115+0.0057i	-0.2063-0.0388i	-0.0299-0.0761i	0.0005+0.0153i	-0.3435-0.0364i
1.4	0.4349+0.0370i	0.4843+0.0290i	-0.0000-0.0091i	-0.0001-0.0002i	-0.2558+0.0003i	0.0035+0.0100i	-0.0106+0.0156i	-0.3361-0.0290i
1.5	0.5649+0.0255i	0.5864+0.0345i	-0.0670+0.0414i	-0.0098+0.0029i	-0.3377-0.0036i	-0.0216+0.0012i	-0.0112+0.0035i	-0.5466+0.0724i
1.6	0.6564+0.0361i	0.6841+0.0370i	0.0692+0.0652i	-0.0100-0.0009i	-0.4201-0.0033i	-0.0726+0.0093i	-0.0206+0.0124i	-0.2751+0.0982i
1.7	0.8117+0.0445i	0.8353+0.0377i	0.0366+0.0281i	-0.0174-0.0026i	-0.5355-0.0253i	-0.0793+0.0049i	-0.0299+0.0049i	-0.4778-0.0162i
1.8	1.0300+0.0559i	1.0599+0.0425i	0.0381+0.0261i	-0.0224-0.0003i	-0.7016-0.0167i	-0.0898+0.0150i	-0.0377-0.0017i	-0.6400-0.0191i
1.9	1.3348+0.0426i	1.3644+0.0331i	0.0266+0.0504i	-0.0293-0.0008i	-0.9513-0.0042i	-0.1242+0.0458i	-0.0473+0.0013i	-0.8928-0.0069i
2.0	1.8282+0.0211i	1.8534+0.0058i	0.0352+0.1098i	-0.0412-0.0005i	-1.3728+0.0270i	-0.1785+0.1159i	-0.0687+0.0002i	-1.3019+0.0063i
2.1	2.7213-0.1264i	2.7371-0.1562i	0.0929+0.4321i	-0.0667+0.0045i	-2.1659+0.1476i	-0.2057+0.4581i	-0.1040+0.0065i	-2.0722+0.0683i
2.2	5.2679-0.7742i	5.2379-0.8029i	1.2261+0.1198i	-0.1488+0.0236i	-4.5072+0.7968i	0.6677+0.1691i	-0.1971+0.0083i	-4.5440+0.7530i
2.3	4.4605-18.0639i	4.2990-17.8517i	0.0439-2.0740i	-0.1090+0.5247i	-3.3145+16.5801i	-0.4751-0.0488i	-0.1482+0.6421i	-3.2397+16.3073i
2.4	-4.9806-2.0959i	-4.8552-2.0195i	-0.4728-0.1535i	0.1588+0.0566i	5.0155+1.8479i	0.1329+0.0950i	0.1844+0.0724i	4.9663+1.8189i
2.5	-2.6123-0.6676i	-2.5111-0.6336i	-0.2029-0.0196i	0.0829+0.0188i	2.8435+0.5780i	0.1211+0.0671i	0.1009+0.0309i	2.8073+0.5772i
2.6	-1.7225-0.3676i	-1.6217-0.3455i	-0.1193-0.0083i	0.0590+0.0112i	2.0595+0.3213i	0.1024+0.0442i	0.0531+0.0191i	2.0559+0.3155i
2.7	-1.2151-0.2442i	-1.1188-0.2255i	-0.0754+0.0011i	0.0453+0.0055i	1.6300+0.2172i	0.0897+0.0303i	0.0389+0.0112i	1.6276+0.2246i
2.8	-0.8995-0.1805i	-0.7984-0.1671i	-0.0512-0.0017i	0.0382+0.0029i	1.3789+0.1680i	0.0800+0.0258i	0.0205+0.0095i	1.3821+0.1671i
2.9	-0.6663-0.1400i	-0.5560-0.1279i	-0.0330-0.0021i	0.0319+0.0039i	1.2069+0.1334i	0.0701+0.0150i	0.0153+0.0041i	1.2201+0.1338i
3.0	-0.4881-0.1160i	-0.3737-0.1080i	-0.0222-0.0033i	0.0280+0.0023i	1.0813+0.1100i	0.0648+0.0119i	0.0036+0.0051i	1.0998+0.1121i
3.1	-0.3426-0.1017i	-0.2227-0.0937i	-0.0112-0.0023i	0.0255+0.0031i	0.9949+0.1021i	0.0626+0.0106i	-0.0011+0.0040i	1.0155+0.1071i
3.2	-0.2200-0.0904i	-0.0933-0.0828i	-0.0030-0.0009i	0.0217+0.0032i	0.9249+0.0950i	0.0585+0.0136i	-0.0092+0.0041i	0.9496+0.0968i
3.3	-0.1098-0.0794i	0.0239-0.0750i	0.0028-0.0012i	0.0186+0.0027i	0.8699+0.0850i	0.0516+0.0106i	-0.0141+0.0039i	0.8978+0.0874i
3.4	-0.0093-0.0682i	0.1335-0.0650i	0.0095-0.0007i	0.0161+0.0023i	0.8248+0.0778i	0.0506+0.0059i	-0.0196+0.0040i	0.8588+0.0795i
3.5	0.0856-0.0522i	0.2398-0.0527i	0.0168-0.0011i	0.0148+0.0022i	0.7857+0.0674i	0.0509+0.0077i	-0.0279+0.0037i	0.8251+0.0681i
3.6	0.1869-0.0571i	0.3449-0.0526i	0.0224+0.0012i	0.0124+0.0021i	0.7513+0.0671i	0.0488+0.0084i	-0.0354+0.0034i	0.7984+0.0708i
3.7	0.2773-0.0543i	0.4458-0.0521i	0.0277-0.0017i	0.0088+0.0010i	0.7232+0.0647i	0.0466+0.0077i	-0.0418+0.0030i	0.7713+0.0661i
3.8	0.3633-0.0457i	0.5420-0.0449i	0.0354-0.0021i	0.0072+0.0011i	0.6941+0.0599i	0.0467+0.0070i	-0.0497+0.0041i	0.7531+0.0592i
3.9	0.4490-0.0453i	0.6392-0.0428i	0.0405-0.0009i	0.0043+0.0023i	0.6725+0.0597i	0.0427+0.0080i	-0.0587+0.0025i	0.7375+0.0632i
4.0	0.5374-0.0435i	0.7371-0.0419i	0.0422-0.0013i	0.0002+0.0025i	0.6550+0.0564i	0.0396+0.0038i	-0.0655-0.0014i	0.7255+0.0603i
4.1	0.6254-0.0416i	0.8388-0.0405i	0.0498-0.0027i	-0.0009+0.0002i	0.6375+0.0575i	0.0432+0.0043i	-0.0716+0.0022i	0.7132+0.0636i
4.2	0.7134-0.0449i	0.9367-0.0446i	0.0541+0.0008i	-0.0047+0.0015i	0.6182+0.0562i	0.0364+0.0101i	-0.0814-0.0001i	0.6989+0.0589i
4.3	0.8084-0.0430i	1.0417-0.0439i	0.0578+0.0004i	-0.0061+0.0007i	0.6037+0.0581i	0.0330+0.0068i	-0.0880+0.0017i	0.6900+0.0578i
4.4	0.9039-0.0474i	1.1515-0.0464i	0.0636+0.0033i	-0.0121+0.0036i	0.5886+0.0615i	0.0297+0.0095i	-0.1005+0.0031i	0.6877+0.0577i
4.5	0.9805-0.0534i	1.2410-0.0551i	0.0770+0.0051i	-0.0169+0.0034i	0.5835+0.0665i	0.0408+0.0066i	-0.1097+0.0044i	0.6897+0.0643i
4.6	1.0763-0.0478i	1.3514-0.0467i	0.0816+0.0010i	-0.0193+0.0036i	0.5687+0.0663i	0.0411+0.0090i	-0.1207+0.0016i	0.6854+0.0678i
4.7	1.1781-0.0461i	1.4660-0.0491i	0.0858+0.0005i	-0.0244+0.0039i	0.5562+0.0659i	0.0314+0.0128i	-0.1327+0.0070i	0.6799+0.0625i
4.8	1.2776-0.0481i	1.5869-0.0554i	0.0964-0.0011i	-0.0309+0.0053i	0.5424+0.0685i	0.0319+0.0039i	-0.1524+0.0071i	0.6877+0.0644i
4.9	1.3901-0.0470i	1.7094-0.0511i	0.1000-0.0008i	-0.0373+0.0050i	0.5299+0.0760i	0.0311+0.0039i	-0.1646+0.0054i	0.6769+0.0772i
5.0	1.4937-0.0649i	1.8314-0.0693i	0.1089-0.0016i	-0.0441+0.0046i	0.5205+0.0761i	0.0327+0.0032i	-0.1810+0.0052i	0.6872+0.0686i
5.1	1.6083-0.0771i	1.9577-0.0779i	0.1139+0.0029i	-0.0537+0.0063i	0.5046+0.0854i	0.0298+0.0127i	-0.1959+0.0081i	0.6839+0.0856i

5.2	1.7304−0.0910i	2.1023−0.0959i	0.1224+0.0039i	−0.0599+0.0085i	0.4908+0.0936i	0.0287+0.0127i	−0.2183+0.0154i	0.6809+0.0817i
5.3	1.8547−0.1197i	2.2475−0.1232i	0.1328+0.0000i	−0.0727+0.0106i	0.4845+0.1060i	0.0314+0.0140i	−0.2438+0.0182i	0.6991+0.0916i
5.4	1.9680−0.1385i	2.3791−0.1436i	0.1364−0.0005i	−0.0910+0.0149i	0.4721+0.1210i	0.0196+0.0145i	−0.2718+0.0272i	0.7033+0.1118i
5.5	2.0989−0.1719i	2.5206−0.1739i	0.1491+0.0048i	−0.1017+0.0229i	0.4802+0.1421i	0.0323+0.0169i	−0.2970+0.0281i	0.7179+0.1225i
5.6	2.2208−0.1987i	2.6620−0.2002i	0.1588+0.0052i	−0.1176+0.0274i	0.4703+0.1592i	0.0275+0.0295i	−0.3235+0.0433i	0.7303+0.1235i
5.7	2.3501−0.2272i	2.8218−0.2317i	0.1718+0.0031i	−0.1391+0.0366i	0.4882+0.1700i	0.0232+0.0242i	−0.3642+0.0510i	0.7698+0.1346i
5.8	2.4739−0.2908i	2.9605−0.2995i	0.1816+0.0012i	−0.1555+0.0491i	0.4723+0.1934i	0.0287+0.0268i	−0.3934+0.0733i	0.7748+0.1436i
5.9	2.5601−0.3219i	3.0762−0.3281i	0.1945+0.0048i	−0.1693+0.0552i	0.5161+0.2184i	0.0357+0.0379i	−0.4170+0.0863i	0.8236+0.1647i
6.0	2.6733−0.3229i	3.2070−0.3349i	0.2160+0.0080i	−0.1873+0.0659i	0.5252+0.2154i	0.0433+0.0398i	−0.4516+0.1005i	0.8478+0.1504i
6.1	2.8114−0.3340i	3.3733−0.3430i	0.2393−0.0037i	−0.2171+0.0700i	0.5349+0.1978i	0.0478+0.0310i	−0.5037+0.1015i	0.8936+0.1360i
6.2	2.9709−0.3274i	3.5611−0.3449i	0.2554−0.0132i	−0.2621+0.0713i	0.5407+0.2050i	0.0473+0.0201i	−0.5617+0.1016i	0.9282+0.1447i
6.3	3.1491−0.3424i	3.7703−0.3627i	0.2767−0.0248i	−0.3158+0.0879i	0.5428+0.1969i	0.0623+0.0131i	−0.6381+0.1252i	0.9636+0.1350i
6.4	3.3542−0.3627i	4.0015−0.3901i	0.2866−0.0328i	−0.3861+0.1075i	0.5346+0.1948i	0.0552+0.0178i	−0.7393+0.1598i	0.9967+0.1196i
6.5	3.5914−0.4063i	4.2753−0.4358i	0.3043−0.0386i	−0.4723+0.1473i	0.5532+0.2080i	0.0465+0.0057i	−0.8747+0.2071i	1.0806+0.1079i
6.6	3.8528−0.4926i	4.5720−0.5314i	0.3320−0.0452i	−0.5846+0.2054i	0.5416+0.2138i	0.0494+0.0088i	−1.0264+0.2743i	1.1419+0.0984i
6.7	4.1458−0.6003i	4.9047−0.6514i	0.3557−0.0577i	−0.7269+0.3112i	0.5591+0.2389i	0.0483+0.0154i	−1.2235+0.4132i	1.2389+0.0793i
6.8	4.4228−0.7854i	5.2339−0.8517i	0.3891−0.0849i	−0.8894+0.4661i	0.5945+0.2530i	0.0514+0.0015i	−1.4419+0.6004i	1.3574+0.0237i
6.9	4.7943−1.0300i	5.6555−1.1211i	0.4289−0.1180i	−1.1210+0.7076i	0.6319+0.2584i	0.0553+0.0091i	−1.7447+0.9106i	1.5154−0.0816i
7.0	5.2462−1.6086i	6.1617−1.7731i	0.4636−0.1980i	−1.4400+1.2697i	0.6644+0.2451i	0.0460−0.0009i	−2.1740+1.6199i	1.7078−0.3391i
7.1	5.2912−2.6943i	6.2225−2.9773i	0.4665−0.3306i	−1.3827+2.4373i	0.7359+0.2314i	0.0511+0.0044i	−2.1146+3.0775i	1.7892−0.8495i
7.2	4.0478−3.5565i	4.8571−3.9287i	0.2971−0.4651i	0.0955+3.5087i	0.7653+0.1393i	0.0425−0.0211i	−0.3015+4.4032i	1.2475−1.3529i
7.3	3.3239−2.8442i	4.0595−3.1542i	0.1449−0.3686i	1.3294+2.7790i	0.6859+0.0542i	0.0011−0.0160i	1.1887+3.5016i	0.7355−1.1557i
7.4	2.7057−2.7341i	3.3789−3.0208i	0.0666−0.2574i	2.2095+2.4694i	0.6171+0.0909i	−0.0031+0.0467i	2.2665+3.1696i	0.3339−1.0754i
7.5	2.6190−1.4072i	3.2985−1.5533i	0.1268−0.1195i	2.5106+1.0378i	0.6172+0.1050i	0.0592+0.0406i	2.6276+1.3809i	0.1977−0.4635i
7.6	3.4078−0.9220i	4.1814−1.0029i	0.2143−0.1037i	1.9637+0.5000i	0.5977+0.1279i	0.0539+0.0189i	1.9013+0.7109i	0.4772−0.2208i
7.7	3.9822−0.8803i	4.8294−0.9612i	0.2595−0.1059i	1.6796+0.3417i	0.6012+0.1348i	0.0377+0.0034i	1.5049+0.5299i	0.6614−0.1722i
7.8	4.4854−0.9404i	5.3991−1.0286i	0.3010−0.1160i	1.4959+0.2725i	0.5944+0.1384i	0.0345+0.0036i	1.2269+0.4718i	0.8053−0.1849i
7.9	4.8675−1.1771i	5.8323−1.2804i	0.3343−0.1492i	1.3955+0.3136i	0.5914+0.1583i	0.0287+0.0118i	1.0621+0.5668i	0.9057−0.2572i
8.0	4.8578−1.2899i	5.8518−1.3829i	0.3209−0.1649i	1.5415+0.2591i	0.6058+0.1634i	0.0379−0.0102i	1.2379+0.5253i	0.8622−0.2735i
8.1	5.3358−1.3485i	6.4098−1.4699i	0.3656−0.1560i	1.3783+0.2079i	0.6381+0.1654i	0.0340+0.0162i	0.9831+0.5064i	1.0280−0.3212i
8.2	5.4535−1.5209i	6.5314−1.6618i	0.3588−0.1815i	1.5159+0.2237i	0.6334+0.1615i	0.0255+0.0225i	1.1333+0.5701i	0.9993−0.4016i
8.3	5.6620−1.5262i	6.7916−1.6306i	0.3573−0.1762i	1.6037+0.0983i	0.6296+0.1515i	0.0381+0.0174i	1.1998+0.4192i	1.0169−0.3511i
8.4	6.0500−1.4859i	7.2802−1.5915i	0.3923−0.1706i	1.6351−0.0043i	0.6244+0.1524i	0.0262+0.0156i	1.1627+0.3112i	1.1142−0.3403i
8.5	6.5760−1.6234i	7.8695−1.6922i	0.4276−0.1647i	1.6751−0.0833i	0.6327+0.1496i	0.0359+0.0237i	1.1145+0.2447i	1.2432−0.3669i
8.6	7.1502−1.7302i	8.5657−1.8786i	0.4855−0.1679i	1.7402−0.1944i	0.6045+0.1629i	0.0239+0.0319i	1.0559+0.1876i	1.4084−0.4359i
8.7	7.6432−2.2301i	9.1071−2.4362i	0.5112−0.2069i	1.8533−0.3032i	0.6021+0.1661i	0.0228+0.0390i	1.0969+0.1847i	1.5030−0.5897i
8.8	8.3557−2.7745i	9.9324−3.0305i	0.5772−0.2461i	1.9945−0.4983i	0.6002+0.1638i	0.0309+0.0449i	1.1016+0.1100i	1.6989−0.7845i
8.9	8.7219−3.6781i	10.3928−4.0274i	0.6040−0.3237i	2.0788−0.7786i	0.5949+0.1908i	0.0302+0.0440i	1.1303+0.0630i	1.7797−1.0930i
9.0	9.3999−4.7238i	11.2022−5.2139i	0.6483−0.3763i	2.2385−1.1416i	0.5665+0.2317i	0.0187+0.0637i	1.1520−0.0643i	1.9352−1.4060i
9.1	8.2096−6.0425i	9.8995−6.7158i	0.5977−0.4809i	1.8983−1.5466i	0.6331+0.2565i	0.0593+0.0931i	1.1641−0.1135i	1.4748−1.9137i
9.2	9.7158−6.4020i	11.6045−7.1343i	0.7266−0.5443i	2.2940−1.7947i	0.5692+0.2977i	0.0663+0.0858i	1.2340−0.3245i	1.8895−1.9193i
9.3	8.7193−10.5199i	10.5064−11.7579i	0.6553−0.8800i	1.9255−3.1106i	0.6616+0.4305i	0.1253+0.0981i	1.1345−0.6751i	1.5736−3.2603i
9.4	3.9417−12.0456i	5.1688−13.5069i	0.2803−1.0133i	0.3385−3.6961i	0.8442+0.4240i	0.1817+0.0518i	0.7020−0.8853i	0.0085−3.8141i
9.5	0.2003−9.4068i	0.9930−10.5515i	−0.0351−0.8206i	−0.9651−2.9304i	0.9483+0.2998i	0.1814−0.0185i	0.3274−0.7193i	−1.2936−3.0365i
9.6	−0.3529−6.1101i	0.3909−6.8520i	−0.0936−0.5625i	−1.2596−1.9150i	0.9413+0.1920i	0.1418−0.0623i	0.2187−0.4704i	−1.5839−1.9796i
9.7	0.3411−4.1162i	1.1858−4.6236i	−0.0443−0.4020i	−1.1497−1.3118i	0.8984+0.1296i	0.1116−0.0741i	0.2163−0.3385i	−1.4617−1.3338i
9.8	1.1857−2.8878i	2.1517−3.2680i	0.0199−0.3146i	−0.9846−0.9215i	0.8620+0.1044i	0.0858−0.0823i	0.2218−0.2305i	−1.2632−0.9356i
9.9	2.0416−2.1602i	3.1383−2.4327i	0.0892−0.2457i	−0.8105−0.6928i	0.8560+0.0911i	0.0640−0.0735i	0.2406−0.1735i	−1.0417−0.6873i
10.0	2.7702−1.7063i	3.9885−1.9380i	0.1491−0.2147i	−0.6685−0.5324i	0.8393+0.0739i	0.0435−0.0668i	0.2594−0.1366i	−0.8873−0.5159i
10.1	3.4139−1.3597i	4.7282−1.5393i	0.1986−0.1911i	−0.5369−0.4259i	0.8153+0.0671i	0.0315−0.0599i	0.2877−0.1142i	−0.7516−0.4067i
10.2	4.0698−1.1506i	5.4984−1.3158i	0.2456−0.1587i	−0.4211−0.3755i	0.8052+0.0663i	0.0242−0.0446i	0.3054−0.1075i	−0.6268−0.3241i
10.3	4.6235−1.1048i	6.1512−1.2724i	0.3052−0.1526i	−0.3369−0.3624i	0.8057+0.0489i	0.0295−0.0492i	0.3184−0.1306i	−0.5290−0.2923i
10.4	5.0873−1.0300i	6.7102−1.1824i	0.3756−0.1419i	−0.3090−0.3569i	0.7988+0.0613i	0.0184−0.0393i	0.2975−0.1314i	−0.4741−0.2627i
10.5	5.4360−0.9399i	7.1766−1.0426i	0.4509−0.1460i	−0.2919−0.3142i	0.7953+0.0645i	0.0123−0.0305i	0.2669−0.1161i	−0.4064−0.2267i
10.6	5.8288−0.7194i	7.6872−0.8715i	0.5266−0.1815i	−0.2410−0.2684i	0.7830+0.0587i	0.0090−0.0249i	0.2619−0.0976i	−0.3412−0.1828i
10.7	6.2616−0.6335i	8.2375−0.7721i	0.5821−0.2210i	−0.1966−0.2429i	0.7830+0.0533i	−0.0007−0.0256i	0.2668−0.0967i	−0.2961−0.1707i
10.8	6.7551−0.4215i	8.7942−0.6885i	0.5883−0.2913i	−0.1725−0.2347i	0.7886+0.0660i	−0.0015−0.0276i	0.2615−0.0982i	−0.2382−0.1601i
10.9	7.2226−0.5269i	9.3179−0.7387i	0.6020−0.3008i	−0.1534−0.2172i	0.7849+0.0638i	−0.0065−0.0307i	0.2466−0.0914i	−0.2077−0.1321i
11.0	7.6845−0.4442i	9.9275−0.6215i	0.6777−0.3000i	−0.1317−0.1918i	0.7895+0.0574i	0.0004−0.0199i	0.2419−0.0762i	−0.1780−0.1223i
11.1	7.9608−0.3318i	10.3694−0.5538i	0.7523−0.3662i	−0.0945−0.1594i	0.7857+0.0572i	−0.0117−0.0089i	0.2451−0.0565i	−0.1336−0.1148i
11.2	8.2789−0.1425i	10.8170−0.5051i	0.8044−0.5076i	−0.0549−0.1463i	0.7824+0.0451i	−0.0189−0.0105i	0.2490−0.0562i	−0.0936−0.1146i
11.3	8.8664+0.0907i	11.3718−0.4253i	0.6732−0.7033i	−0.0210−0.1437i	0.7958+0.0474i	−0.0146+0.0047i	0.2492−0.0501i	−0.0662−0.1214i
11.4	9.5933+0.1295i	12.0418−0.3698i	0.4265−0.7784i	−0.0027−0.1334i	0.7933+0.0480i	−0.0167+0.0311i	0.2274−0.0460i	−0.0376−0.0990i

11.5	9.9685+0.0866i	12.4812-0.3689i	0.1342-0.7093i	0.0229-0.1154i	0.7875+0.0520i	0.0010+0.0389i	0.2308-0.0486i	-0.0379-0.0827i
11.6	10.5168+0.0105i	13.1438-0.3916i	0.0461-0.3960i	0.0518-0.1049i	0.7839+0.0583i	0.0062+0.0393i	0.2401-0.0297i	-0.0034-0.0699i
11.7	10.8934+0.0823i	13.7151-0.3075i	0.1440-0.1558i	0.0812-0.1002i	0.7913+0.0592i	0.0231+0.0301i	0.2417-0.0274i	0.0247-0.0504i
11.8	11.3778+0.3172i	14.3930-0.1818i	0.2461+0.0146i	0.1095-0.0951i	0.7903+0.0683i	0.0202+0.0263i	0.2535-0.0186i	0.0476-0.0623i
11.9	12.0428+0.5524i	15.1768-0.2034i	0.4117+0.1800i	0.1454-0.0938i	0.7933+0.0549i	0.0119+0.0043i	0.2516-0.0287i	0.0803-0.0623i
12.0	12.9363+0.8198i	15.9643-0.1085i	0.6767+0.3164i	0.1837-0.0982i	0.8076+0.0595i	0.0204+0.0023i	0.2567-0.0288i	0.1190-0.0533i
12.1	14.0285+0.7310i	16.8442-0.1616i	0.9923+0.2712i	0.2201-0.1081i	0.8153+0.0658i	0.0123+0.0135i	0.2490-0.0425i	0.1352-0.0410i
12.2	15.0025+0.3356i	17.8320-0.3575i	1.2030+0.1105i	0.2502-0.1260i	0.8224+0.0676i	0.0040+0.0011i	0.2681-0.0492i	0.1509-0.0440i
12.3	15.5978+0.0254i	18.5762-0.5524i	1.2507-0.0030i	0.2777-0.1408i	0.8265+0.0590i	0.0037+0.0042i	0.2689-0.0566i	0.1751-0.0360i
12.4	16.0337-0.3045i	19.1854-0.8843i	1.2881-0.0594i	0.2984-0.1647i	0.8143+0.0649i	-0.0028+0.0094i	0.2707-0.0774i	0.1709-0.0395i
12.5	16.5869-0.4089i	19.8201-0.9876i	1.3530-0.0935i	0.3154-0.1892i	0.8112+0.0650i	-0.0118+0.0166i	0.2697-0.0936i	0.1958-0.0476i
12.6	17.4226-0.5896i	20.7503-1.1302i	1.4615-0.1337i	0.3189-0.2297i	0.8214+0.0749i	-0.0041+0.0214i	0.2544-0.1166i	0.2088-0.0466i
12.7	18.1668-0.8382i	21.6420-1.3004i	1.6021-0.1974i	0.3152-0.2552i	0.8299+0.0831i	-0.0111+0.0335i	0.2216-0.1281i	0.2243-0.0520i
12.8	18.9026-1.0555i	22.5844-1.4997i	1.7079-0.2646i	0.2869-0.2661i	0.8416+0.0815i	-0.0251+0.0305i	0.1867-0.1417i	0.2388-0.0416i
12.9	19.5571-1.0446i	23.4067-1.4372i	1.8229-0.3067i	0.2726-0.2523i	0.8509+0.0981i	-0.0171+0.0391i	0.1624-0.1136i	0.2533-0.0328i
13.0	20.2285-1.2099i	24.2508-1.5970i	1.9063-0.3856i	0.2807-0.2320i	0.8532+0.0926i	-0.0223+0.0427i	0.1369-0.0939i	0.2696-0.0253i
13.1	20.7644-1.2595i	24.9333-1.6214i	1.9485-0.4256i	0.3024-0.2150i	0.8492+0.1076i	-0.0288+0.0578i	0.1353-0.0786i	0.2975-0.0128i
13.2	21.8655-1.5402i	26.3009-1.9485i	2.1085-0.4980i	0.3219-0.2076i	0.8537+0.1254i	-0.0342+0.0562i	0.1280-0.0758i	0.3243+0.0081i
13.3	22.7775-1.8127i	27.4221-2.2497i	2.2644-0.5780i	0.3483-0.2100i	0.8658+0.1322i	-0.0239+0.0552i	0.1312-0.0684i	0.3461+0.0155i
13.4	23.9016-1.9382i	28.8029-2.3872i	2.4894-0.6767i	0.3881-0.2189i	0.8729+0.1524i	-0.0330+0.0705i	0.1372-0.0612i	0.3951+0.0213i
13.5	25.1209-1.9805i	30.3034-2.4369i	2.7422-0.7654i	0.4387-0.2158i	0.9069+0.1637i	-0.0297+0.0658i	0.1483-0.0582i	0.4393+0.0245i
13.6	26.3554-2.3252i	31.8063-2.8609i	3.0161-0.9637i	0.4800-0.2254i	0.9276+0.1833i	-0.0364+0.0749i	0.1534-0.0513i	0.4961+0.0142i
13.7	27.3654-2.8042i	33.0644-3.3925i	3.2149-1.2730i	0.5193-0.2616i	0.9565+0.2135i	-0.0432+0.0894i	0.1498-0.0698i	0.5421+0.0146i
13.8	28.3934-3.3215i	34.3563-4.0244i	3.3527-1.5268i	0.5328-0.3089i	1.0058+0.2175i	-0.0244+0.1139i	0.1391-0.0897i	0.5934-0.0231i
13.9	29.7395-3.4976i	36.0087-4.2289i	3.5793-1.7565i	0.5663-0.3247i	1.0570+0.2325i	-0.0039+0.1401i	0.1356-0.0756i	0.6293-0.0698i
14.0	30.8999-4.1803i	37.4710-5.0426i	3.6931-2.3235i	0.5869-0.3813i	1.0942+0.2209i	0.0264+0.1590i	0.1395-0.1004i	0.6364-0.1299i
14.1	31.8123-4.5767i	38.5942-5.5171i	3.6023-2.8286i	0.5732-0.4271i	1.1362+0.2083i	0.0335+0.1693i	0.1226-0.1259i	0.6497-0.1551i
14.2	33.1043-4.5770i	40.1831-5.5194i	3.4097-3.1657i	0.5588-0.4562i	1.1676+0.1951i	0.0373+0.1388i	0.0845-0.1328i	0.6663-0.1944i
14.3	34.6042-5.3688i	42.0387-6.4667i	3.1854-3.5040i	0.5520-0.4890i	1.2083+0.1742i	0.0775+0.1391i	0.0538-0.1388i	0.6675-0.2160i
14.4	36.4662-5.7892i	44.3430-6.9794i	3.1325-3.6236i	0.5450-0.4883i	1.2327+0.1673i	0.0786+0.1362i	0.0257-0.1192i	0.6676-0.2347i
14.5	38.1217-6.4725i	46.3661-7.8307i	3.0923-3.8757i	0.5493-0.4744i	1.2673+0.1366i	0.0877+0.1169i	0.0126-0.1037i	0.6890-0.2316i
14.6	39.9282-6.8875i	48.5803-8.3459i	3.1786-4.1814i	0.5872-0.4717i	1.3014+0.1231i	0.0888+0.1046i	-0.0012-0.0802i	0.6842-0.2343i
14.7	42.3292-7.7544i	51.5208-9.3948i	3.0258-4.7350i	0.6149-0.5102i	1.3309+0.1122i	0.0997+0.1174i	-0.0203-0.0831i	0.7161-0.2734i
14.8	44.0781-8.8691i	53.6708-10.7555i	2.4646-5.2668i	0.6006-0.5486i	1.3319+0.1062i	0.0830+0.1137i	-0.0618-0.0824i	0.7074-0.2960i
14.9	46.2073-8.9758i	56.3090-10.8872i	2.1232-5.2057i	0.6032-0.5551i	1.3792+0.1053i	0.0851+0.1100i	-0.1127-0.0717i	0.7061-0.2876i
15.0	49.7531-9.4555i	60.6247-11.4689i	1.9377-5.0417i	0.6203-0.5192i	1.4266+0.1070i	0.0671+0.1047i	-0.1546-0.0208i	0.7458-0.3032i
15.1	53.3199-10.9730i	64.9928-13.3270i	2.1335-4.5130i	0.6786-0.4762i	1.4547+0.0809i	0.0885+0.1097i	-0.1601+0.0783i	0.7810-0.3026i
15.2	56.0189-11.6431i	68.2941-14.1480i	2.7818-4.1792i	0.7515-0.4565i	1.4830+0.0924i	0.0677+0.1127i	-0.1558+0.1129i	0.8268-0.2899i
15.3	60.1702-14.0017i	73.3540-17.0378i	3.6858-4.8349i	0.8306-0.4895i	1.5446+0.0587i	0.0881+0.0966i	-0.1259+0.1464i	0.8720-0.3198i
15.4	64.2151-15.7963i	78.3033-19.2290i	4.5169-5.2078i	0.9365-0.4980i	1.5751+0.0515i	0.0834+0.1276i	-0.0973+0.2076i	0.9154-0.3524i
15.5	69.1586-18.4554i	84.3378-22.4453i	5.8832-6.8659i	1.0657-0.5269i	1.6492+0.0461i	0.0660+0.1181i	-0.0479+0.2549i	0.9708-0.3701i
15.6	74.1217-22.1936i	90.4211-26.9964i	6.4952-9.4649i	1.2175-0.6010i	1.7024+0.0467i	0.0820+0.1279i	0.0260+0.2554i	1.0140-0.3992i
15.7	81.1869-27.5505i	99.0314-33.4825i	6.5685-12.8497i	1.4059-0.6992i	1.7913-0.0021i	0.0730+0.1542i	0.1040+0.3042i	1.0806-0.4757i
15.8	87.2790-33.7713i	106.5087-41.0159i	4.5279-17.4135i	1.6403-0.8565i	1.8357-0.0080i	0.0621+0.1697i	0.2046+0.2781i	1.1535-0.5408i
15.9	94.4759-39.9480i	115.4026-48.5165i	0.5595-20.2748i	1.8813-1.0738i	1.9777+0.0312i	0.0830+0.1757i	0.3088+0.2032i	1.2470-0.5814i
16.0	102.1583-52.7370i	124.8694-64.0653i	-5.0052-21.1347i	2.0649-1.5373i	2.1437+0.0187i	0.1088+0.2409i	0.3637+0.0973i	1.3314-0.7246i
16.1	107.4571-63.3610i	131.4539-77.0011i	-10.2536-19.5566i	2.0681-1.9132i	2.3518-0.0314i	0.1401+0.2620i	0.3732-0.0048i	1.3901-0.8221i
16.2	113.8887-75.7121i	139.4791-92.0671i	-13.5081-16.2628i	2.1661-2.2565i	2.5928-0.1619i	0.2035+0.2881i	0.3889-0.0249i	1.4712-0.9276i
16.3	121.5468-95.4561i	148.9836-116.2189i	-13.3771-14.4821i	2.2272-2.8049i	2.8714-0.3633i	0.3114+0.3227i	0.4129-0.1908i	1.5612-1.1492i
16.4	122.0192-122.3826i	149.6908-149.1423i	-15.4658-13.9613i	2.1159-3.5585i	3.0027-0.6975i	0.3918+0.2918i	0.4791-0.4208i	1.5429-1.4252i
16.5	114.3103-156.0539i	140.5340-190.3178i	-19.4807-13.4935i	1.6286-4.5791i	3.1985-1.0507i	0.5155+0.1751i	0.2889-0.7937i	1.5053-1.7219i
16.6	94.1253-187.8645i	116.2150-229.2926i	-29.9290-12.3365i	0.5603-5.3069i	3.3559-1.4894i	0.6042+0.0207i	-0.2256-0.9653i	1.3364-1.9903i
16.7	70.4282-202.8799i	87.3980-248.0085i	-34.3399+3.4892i	-0.2294-5.2267i	3.3442-1.9264i	0.5032-0.0977i	-0.5167-0.6768i	1.2383-2.0238i
16.8	26.8088-228.1115i	34.1495-279.3170i	-25.1417+12.9410i	-1.3505-5.3219i	3.1128-2.7337i	0.4016-0.1809i	-0.6603-0.5316i	1.1501-2.4052i
16.9	-21.9333-230.3794i	-25.4434-282.3646i	-15.3179+19.1148i	-2.5449-5.1664i	2.5968-3.1761i	0.3447-0.2573i	-0.8487-0.4232i	0.7854-2.6512i
17.0	-69.9636-211.2097i	-84.3476-259.3492i	-9.6856+16.0198i	-3.5760-4.3601i	1.8811-3.4981i	0.2202-0.2558i	-0.9699-0.1982i	0.2334-2.8811i
17.1	-94.2206-175.3825i	-114.1338-215.7566i	-10.6190+13.0993i	-4.2595-3.2155i	1.4852-3.3658i	0.1476-0.2210i	-1.1821+0.0890i	-0.1968-2.6618i
17.2	-104.5936-157.0884i	-127.0862-193.6146i	1.2967+21.9215i	-4.2460-2.4131i	1.0456-3.5770i	0.0758-0.1964i	-1.0014+0.4697i	-0.3825-2.6403i
17.3	-112.5229-127.4999i	-136.9607-157.4571i	6.0062+8.8270i	-4.1494-1.6595i	0.5276-3.3540i	0.0745-0.1054i	-0.8377+0.5135i	-0.7174-2.4871i
17.4	-109.8907-104.5614i	-133.8957-129.3917i	1.8288+4.3398i	-3.9630-0.9712i	0.2492-3.1549i	0.0851-0.0757i	-0.7755+0.6311i	-0.9728-2.2199i
17.5	-102.3399-92.1060i	-124.8005-114.2754i	-0.2934+6.2259i	-3.6792-0.5057i	0.0895-3.0425i	0.1086-0.0902i	-0.7242+0.7834i	-1.0446-2.0235i
17.6	-99.2452-84.1282i	-121.2474-104.6328i	2.7003+5.4657i	-3.3203-0.1561i	-0.1939-2.9466i	0.0855-0.0445i	-0.5196+0.9248i	-1.1248-1.8887i
17.7	-97.2674-73.7358i	-119.0489-91.8945i	2.2124+2.0452i	-2.9312+0.0870i	-0.4733-2.7202i	0.1101-0.0152i	-0.3176+0.9330i	-1.2088-1.7078i

17.8	-95.9721-64.0327i	-117.5630-80.0542i	0.1997+1.1354i	-2.6487+0.2080i	-0.7044-2.4839i	0.1255-0.0186i	-0.1720+0.8823i	-1.3065-1.5456i
17.9	-93.6897-55.9376i	-114.9013-70.0913i	-0.5366+1.4257i	-2.4584+0.2799i	-0.8423-2.2129i	0.1342-0.0208i	-0.0884+0.8215i	-1.3665-1.3444i
18.0	-89.6934-48.4595i	-110.1617-60.9960i	-0.9237+1.5267i	-2.2545+0.3295i	-0.9266-1.9611i	0.1352-0.0328i	-0.0260+0.7650i	-1.3907-1.1782i
18.1	-86.3967-42.4511i	-106.2410-53.6350i	-0.9012+1.3418i	-2.1448+0.3919i	-0.9419-1.7243i	0.1372-0.0272i	-0.0067+0.7254i	-1.3779-1.0032i
18.2	-82.5319-37.8725i	-101.6015-47.9928i	-1.3536+1.4309i	-2.0112+0.4565i	-0.9273-1.5242i	0.1417-0.0262i	0.0202+0.7103i	-1.3383-0.8466i
18.3	-79.0011-34.2692i	-97.4103-43.5526i	-1.5768+1.6917i	-1.8573+0.4798i	-0.8865-1.3510i	0.1535-0.0336i	0.0634+0.6832i	-1.2732-0.7244i
18.4	-75.7302-30.2195i	-93.5573-38.5649i	-1.6239+2.1310i	-1.6815+0.4917i	-0.8445-1.1855i	0.1595-0.0359i	0.1336+0.6301i	-1.1933-0.6012i
18.5	-72.9383-27.1008i	-90.2116-34.6974i	-1.5103+2.5278i	-1.5228+0.3893i	-0.8009-1.0535i	0.1621-0.0520i	0.1732+0.5105i	-1.1054-0.5499i
18.6	-70.2995-23.5133i	-87.0998-30.1920i	-0.7276+3.5508i	-1.6315+0.1068i	-0.7387-0.8763i	0.1467-0.0792i	-0.0006+0.3025i	-1.0779-0.5414i
18.7	-65.9198-20.6365i	-81.7558-26.5933i	0.8710+2.4849i	-1.9367+0.3902i	-0.5830-0.7992i	0.1064-0.0535i	-0.2309+0.5233i	-1.0873-0.4399i
18.8	-63.0305-20.0325i	-78.2683-25.8737i	0.5125+1.4356i	-1.7999+0.6408i	-0.5313-0.7860i	0.1117-0.0257i	-0.1545+0.6802i	-1.0355-0.3543i
18.9	-60.2976-18.6830i	-75.0375-24.1050i	0.3642+1.2592i	-1.6584+0.7330i	-0.4762-0.7339i	0.1260-0.0181i	-0.0901+0.7219i	-0.9631-0.2949i
19.0	-58.4591-17.3101i	-72.7998-22.4100i	0.3543+1.0517i	-1.5555+0.8136i	-0.4281-0.6981i	0.1330-0.0097i	-0.0487+0.7514i	-0.8988-0.2436i
19.1	-56.3073-16.3965i	-70.2215-21.2369i	0.3270+0.7653i	-1.4599+0.8847i	-0.3752-0.6684i	0.1410-0.0076i	-0.0166+0.7896i	-0.8422-0.2046i
19.2	-54.4441-15.6712i	-67.9715-20.2756i	0.2125+0.4943i	-1.3592+0.9534i	-0.3371-0.6466i	0.1534-0.0062i	0.0210+0.8205i	-0.7944-0.1731i
19.3	-52.8539-15.0428i	-66.0548-19.4937i	0.0808+0.2407i	-1.2563+1.0364i	-0.2950-0.6412i	0.1686-0.0026i	0.0724+0.8740i	-0.7430-0.1505i
19.4	-51.5841-14.4397i	-64.5409-18.7135i	-0.0742+0.0823i	-1.1190+1.0876i	-0.2673-0.6383i	0.1846-0.0023i	0.1461+0.9045i	-0.6912-0.1372i
19.5	-50.1263-13.5319i	-62.7666-17.5206i	-0.3290-0.0222i	-0.9570+1.1153i	-0.2508-0.6263i	0.1958-0.0039i	0.2322+0.9131i	-0.6383-0.1171i
19.6	-48.7020-12.7489i	-61.0765-16.5279i	-0.5940-0.1403i	-0.8034+1.0731i	-0.2323-0.6031i	0.2063-0.0186i	0.3118+0.8693i	-0.5876-0.1157i
19.7	-47.3907-11.8338i	-59.4783-15.3585i	-0.8656-0.0406i	-0.7439+1.0244i	-0.1922-0.5807i	0.2280-0.0341i	0.3298+0.8256i	-0.5511-0.1231i
19.8	-46.2048-11.4502i	-58.0376-14.8851i	-0.9814+0.1805i	-0.6645+1.0324i	-0.1679-0.5713i	0.2308-0.0573i	0.3638+0.8275i	-0.5182-0.1073i
19.9	-44.8442-10.9317i	-56.3930-14.1846i	-0.9024+0.3558i	-0.5568+1.0066i	-0.1401-0.5693i	0.2318-0.0798i	0.4180+0.8057i	-0.4768-0.1053i
20.0	-43.7290-10.4555i	-55.0272-13.5680i	-0.7895+0.4379i	-0.4664+0.9826i	-0.1200-0.5663i	0.2171-0.0952i	0.4588+0.7870i	-0.4373-0.1068i
20.1	-42.9688-9.8950i	-54.1098-12.8476i	-0.6323+0.4407i	-0.3571+0.9442i	-0.1265-0.5636i	0.2056-0.1096i	0.5263+0.7583i	-0.4158-0.1077i
20.2	-42.3612-9.5968i	-53.3940-12.4759i	-0.5792+0.3159i	-0.2828+0.8841i	-0.1119-0.5627i	0.2006-0.1094i	0.5741+0.7124i	-0.3838-0.1297i
20.3	-41.2796-8.8723i	-52.0960-11.5270i	-0.6106+0.1872i	-0.2136+0.7925i	-0.0880-0.5426i	0.1958-0.0962i	0.6095+0.6374i	-0.3509-0.1417i
20.4	-40.4547-8.5342i	-51.0737-11.1164i	-0.7406+0.0908i	-0.2025+0.7330i	-0.0716-0.5540i	0.2061-0.1006i	0.5949+0.5957i	-0.3334-0.1599i
20.5	-39.3608-8.3088i	-49.7061-10.8133i	-0.8378+0.0971i	-0.2013+0.6845i	-0.0480-0.5764i	0.2146-0.1104i	0.5782+0.5575i	-0.3227-0.1787i
20.6	-38.3101-7.8913i	-48.4142-10.2980i	-0.8301+0.1340i	-0.1914+0.6337i	-0.0293-0.5837i	0.2165-0.1181i	0.5694+0.5165i	-0.3045-0.2005i
20.7	-37.5657-7.5537i	-47.5161-9.8544i	-0.8349+0.1708i	-0.1794+0.6003i	-0.0205-0.5716i	0.2266-0.1251i	0.5661+0.4951i	-0.3019-0.1957i
20.8	-36.9944-7.3437i	-46.8286-9.5818i	-0.8721+0.1418i	-0.1719+0.5897i	-0.0186-0.6036i	0.2301-0.1320i	0.5575+0.4850i	-0.2907-0.2160i
20.9	-36.1329-7.0380i	-45.7692-9.2036i	-0.9404+0.1901i	-0.1521+0.5544i	-0.0098-0.6225i	0.2432-0.1474i	0.5635+0.4557i	-0.2800-0.2312i
21.0	-35.4997-6.6680i	-45.0202-8.7199i	-0.9244+0.2474i	-0.1382+0.5377i	-0.0232-0.6247i	0.2416-0.1667i	0.5523+0.4448i	-0.2816-0.2352i
21.1	-34.8631-6.5445i	-44.2390-8.5666i	-0.8848+0.3318i	-0.1227+0.5208i	-0.0382-0.6563i	0.2432-0.1899i	0.5468+0.4280i	-0.2811-0.2466i
21.2	-34.1214-6.5198i	-43.3230-8.5826i	-0.8683+0.3277i	-0.1395+0.5148i	-0.0469-0.6838i	0.2525-0.2183i	0.5284+0.4284i	-0.2941-0.2639i
21.3	-33.4840-6.3003i	-42.5403-8.2865i	-0.8712+0.3826i	-0.1340+0.5148i	-0.0553-0.6654i	0.2582-0.2456i	0.5220+0.4330i	-0.2957-0.2532i
21.4	-33.0931-6.1234i	-42.1055-8.0443i	-0.8710+0.4276i	-0.0994+0.5363i	-0.1039-0.6908i	0.2506-0.2826i	0.5344+0.4541i	-0.2996-0.2554i
21.5	-32.6490-6.0129i	-41.6269-7.9414i	-0.8645+0.4710i	-0.0328+0.5556i	-0.1656-0.7133i	0.2364-0.3138i	0.5789+0.4605i	-0.3065-0.2669i
21.6	-32.0357-5.8781i	-40.8818-7.7588i	-0.7860+0.4687i	0.0016+0.5246i	-0.1743-0.7074i	0.2052-0.3485i	0.5956+0.4400i	-0.3013-0.2725i
21.7	-31.4646-5.5112i	-40.1938-7.2676i	-0.7154+0.5210i	0.0455+0.4910i	-0.2320-0.6726i	0.1617-0.3880i	0.6101+0.4128i	-0.3184-0.2789i
21.8	-31.1178-5.4601i	-39.7956-7.1934i	-0.6386+0.5224i	0.0699+0.4584i	-0.2956-0.6423i	0.0956-0.4168i	0.6277+0.3923i	-0.3477-0.2810i
21.9	-30.7813-5.4258i	-39.4075-7.1484i	-0.5451+0.5042i	0.0853+0.4235i	-0.3445-0.6257i	0.0365-0.4317i	0.6301+0.3728i	-0.3705-0.2905i
22.0	-30.3338-5.0803i	-38.8789-6.7048i	-0.4020+0.5272i	0.1178+0.3778i	-0.3396-0.5889i	-0.0436-0.4338i	0.6543+0.3417i	-0.3781-0.2822i
22.1	-29.8496-5.0024i	-38.3048-6.5843i	-0.3413+0.4512i	0.1168+0.3399i	-0.3337-0.5513i	-0.0944-0.3825i	0.6502+0.3156i	-0.3811-0.2686i
22.2	-29.2754-4.8910i	-37.5785-6.4319i	-0.2887+0.3548i	0.1173+0.3054i	-0.3417-0.5144i	-0.1287-0.3342i	0.6381+0.2841i	-0.3884-0.2535i
22.3	-29.0775-4.5770i	-37.3704-6.0193i	-0.2683+0.2262i	0.1382+0.3062i	-0.3448-0.4598i	-0.1668-0.2714i	0.6585+0.2806i	-0.3893-0.2094i
22.4	-28.5550-4.4419i	-36.7248-5.8423i	-0.2538+0.0798i	0.1117+0.2677i	-0.3460-0.4386i	-0.1527-0.2151i	0.6220+0.2454i	-0.3905-0.1901i
22.5	-28.0434-4.2314i	-36.1126-5.5658i	-0.3719+0.0527i	0.1463+0.2595i	-0.3448-0.4029i	-0.1286-0.1989i	0.6402+0.2416i	-0.3714-0.1778i
22.6	-27.5751-4.1495i	-35.5571-5.4433i	-0.4088+0.0388i	0.1346+0.1987i	-0.3387-0.3602i	-0.1127-0.1741i	0.6253+0.1974i	-0.3615-0.1681i
22.7	-27.3751-4.2274i	-35.3370-5.5616i	-0.4526-0.0609i	0.1136+0.1786i	-0.3497-0.3337i	-0.1073-0.1497i	0.6100+0.1875i	-0.3815-0.1585i
22.8	-26.9340-3.8170i	-34.7809-5.0087i	-0.4509-0.0327i	0.1071+0.1401i	-0.3405-0.3098i	-0.1067-0.1307i	0.6017+0.1481i	-0.3737-0.1527i
22.9	-26.3707-3.6950i	-34.0802-4.8532i	-0.4480-0.0352i	0.0935+0.1081i	-0.3277-0.2858i	-0.0869-0.1257i	0.5789+0.1324i	-0.3625-0.1471i
23.0	-25.9621-3.6226i	-33.5719-4.7397i	-0.4838-0.0402i	0.0707+0.0994i	-0.3005-0.2482i	-0.0694-0.1331i	0.5558+0.1244i	-0.3515-0.1276i
23.1	-25.5214-3.6138i	-33.0362-4.7237i	-0.5379-0.0332i	0.0706+0.1071i	-0.2908-0.2286i	-0.0597-0.1303i	0.5520+0.1335i	-0.3356-0.1201i
23.2	-25.3649-3.6453i	-32.8593-4.7734i	-0.5353+0.0026i	0.0649+0.0821i	-0.2656-0.2236i	-0.0641-0.1447i	0.5444+0.1187i	-0.3272-0.1256i
23.3	-24.9528-3.3892i	-32.3393-4.4480i	-0.5310+0.0122i	0.0503+0.0703i	-0.2541-0.2091i	-0.0480-0.1456i	0.5272+0.1015i	-0.3209-0.1194i
23.4	-24.6578-3.3473i	-32.0109-4.4050i	-0.5823+0.0038i	0.0368+0.0702i	-0.2461-0.1858i	-0.0499-0.1380i	0.5193+0.1016i	-0.3222-0.1089i
23.5	-24.3753-3.0960i	-31.6641-4.0555i	-0.5778+0.0066i	0.0233+0.0691i	-0.2297-0.1593i	-0.0607-0.1294i	0.5053+0.0984i	-0.3163-0.0864i
23.6	-24.0877-3.2350i	-31.3215-4.2487i	-0.5486+0.0028i	0.0144+0.0698i	-0.2105-0.1658i	-0.0804-0.1345i	0.4904+0.0976i	-0.3143-0.0971i
23.7	-23.7994-3.1867i	-30.9620-4.1817i	-0.5114-0.0283i	-0.0007+0.0617i	-0.1966-0.1663i	-0.1031-0.1235i	0.4806+0.0895i	-0.3120-0.0969i
23.8	-23.5548-3.1038i	-30.6690-4.0764i	-0.5288-0.0419i	-0.0094+0.0647i	-0.1912-0.1497i	-0.1165-0.1004i	0.4703+0.0915i	-0.3043-0.0800i
23.9	-23.3312-3.0571i	-30.3998-4.0207i	-0.5767-0.0544i	-0.0165+0.0765i	-0.1894-0.1498i	-0.1024-0.0905i	0.4655+0.0960i	-0.3069-0.0795i
24.0	-22.9274-3.1616i	-29.9067-4.1559i	-0.5833-0.0849i	-0.0238+0.0732i	-0.1605-0.1347i	-0.0866-0.0779i	0.4581+0.0965i	-0.3015-0.0688i

24.1	-22.6008-2.9954i	-29.5190-3.9554i	-0.5637-0.0892i	-0.0230+0.0861i	-0.1515-0.1226i	-0.0830-0.0679i	0.4579+0.0954i	-0.2928-0.0619i
24.2	-22.4325-2.8093i	-29.3085-3.7338i	-0.5545-0.0872i	-0.0313+0.0946i	-0.1429-0.1045i	-0.0948-0.0735i	0.4551+0.0976i	-0.2933-0.0475i
24.3	-21.9565-2.9969i	-28.7370-3.9661i	-0.5839-0.0994i	-0.0335+0.0989i	-0.1195-0.1110i	-0.0692-0.0573i	0.4365+0.1006i	-0.2778-0.0413i
24.4	-21.7350-2.9391i	-28.4724-3.9005i	-0.6008-0.0932i	-0.0318+0.0977i	-0.1217-0.1005i	-0.0737-0.0460i	0.4369+0.0978i	-0.2790-0.0401i
24.5	-21.6509-2.8128i	-28.3924-3.7434i	-0.5992-0.0943i	-0.0330+0.0968i	-0.1217-0.1169i	-0.0698-0.0377i	0.4357+0.0912i	-0.2770-0.0457i
24.6	-21.4081-2.8434i	-28.1014-3.7879i	-0.6126-0.0804i	-0.0405+0.1084i	-0.1138-0.1116i	-0.0623-0.0316i	0.4331+0.1055i	-0.2704-0.0401i
24.7	-21.1069-2.6661i	-27.7181-3.5595i	-0.6238-0.0860i	-0.0329+0.1066i	-0.0877-0.1088i	-0.0710-0.0289i	0.4317+0.0936i	-0.2568-0.0226i
24.8	-20.7706-2.6873i	-27.3099-3.5997i	-0.6318-0.0807i	-0.0302+0.1074i	-0.0817-0.1129i	-0.0586-0.0305i	0.4236+0.0849i	-0.2434-0.0182i
24.9	-20.4817-2.6381i	-26.9728-3.5215i	-0.6350-0.0785i	-0.0308+0.1030i	-0.0810-0.0914i	-0.0550-0.0310i	0.4113+0.0836i	-0.2452-0.0136i
25.0	-20.3555-2.5346i	-26.8258-3.4159i	-0.6485-0.0617i	-0.0385+0.1172i	-0.0868-0.0974i	-0.0470-0.0301i	0.4147+0.0810i	-0.2433-0.0184i
25.1	-20.1984-2.6867i	-26.6518-3.6305i	-0.6772-0.0703i	-0.0418+0.1299i	-0.0731-0.1091i	-0.0447-0.0268i	0.4053+0.0923i	-0.2341-0.0129i
25.2	-19.9238-2.7576i	-26.3186-3.7264i	-0.6542-0.0619i	-0.0407+0.1347i	-0.0606-0.1046i	-0.0405-0.0296i	0.4013+0.0948i	-0.2166-0.0037i
25.3	-19.7717-2.7423i	-26.1527-3.7198i	-0.6601-0.0607i	-0.0350+0.1383i	-0.0615-0.1061i	-0.0364-0.0296i	0.4076+0.1017i	-0.2117-0.0013i
25.4	-19.5831-2.6206i	-25.9561-3.5738i	-0.6598-0.0525i	-0.0248+0.1481i	-0.0591-0.1048i	-0.0317-0.0251i	0.4003+0.0971i	-0.2112+0.0117i
25.5	-19.3581-2.5325i	-25.7277-3.4566i	-0.6732-0.0411i	-0.0074+0.1571i	-0.0625-0.0999i	-0.0351-0.0186i	0.4051+0.0827i	-0.2001+0.0186i
25.6	-19.1990-2.5567i	-25.5436-3.4939i	-0.6514-0.0274i	0.0198+0.1527i	-0.0575-0.0962i	-0.0300-0.0262i	0.4158+0.0844i	-0.1838+0.0181i
25.7	-19.0089-2.4671i	-25.3345-3.3943i	-0.6386-0.0432i	0.0078+0.1434i	-0.0677-0.0854i	-0.0284-0.0298i	0.4031+0.0660i	-0.1566+0.0274i
25.8	-18.7582-2.5132i	-25.0472-3.4875i	-0.6355-0.0899i	0.0229+0.1474i	-0.0563-0.0889i	-0.0212-0.0324i	0.4111+0.0780i	-0.1580+0.0153i
25.9	-18.6510-2.2827i	-24.9075-3.1855i	-0.6310-0.0710i	0.0464+0.1509i	-0.0601-0.0866i	-0.0251-0.0252i	0.4128+0.0775i	-0.1435+0.0084i
26.0	-18.3625-2.1625i	-24.5743-3.0332i	-0.6427-0.0539i	0.0512+0.1461i	-0.0528-0.0730i	-0.0206-0.0230i	0.4101+0.0604i	-0.1403+0.0113i
26.1	-18.0852-2.1887i	-24.2197-3.0648i	-0.6486-0.0614i	0.0581+0.1351i	-0.0464-0.0618i	-0.0171-0.0285i	0.3978+0.0582i	-0.1262+0.0120i
26.2	-18.1362-2.0927i	-24.3118-2.9303i	-0.6881-0.0407i	0.0520+0.1303i	-0.0389-0.0588i	-0.0211-0.0272i	0.4113+0.0511i	-0.1381+0.0154i
26.3	-17.7685-2.2258i	-23.8696-3.1441i	-0.7169-0.0546i	0.0522+0.1517i	-0.0264-0.0671i	-0.0175-0.0269i	0.3961+0.0649i	-0.1235+0.0042i
26.4	-17.3786-2.3401i	-23.4000-3.2732i	-0.7068-0.0491i	0.0766+0.1503i	-0.0277-0.0692i	-0.0121-0.0335i	0.3943+0.0696i	-0.1186+0.0076i
26.5	-17.3162-2.0932i	-23.3398-2.9710i	-0.7237-0.0101i	0.0819+0.1441i	-0.0234-0.0557i	-0.0066-0.0334i	0.4047+0.0529i	-0.1182-0.0000i
26.6	-17.1517-2.0339i	-23.1624-2.9068i	-0.7036+0.0153i	0.0952+0.1247i	-0.0210-0.0625i	-0.0098-0.0281i	0.4049+0.0309i	-0.1083+0.0101i
26.7	-16.9635-2.0484i	-22.9805-2.9482i	-0.7204+0.0302i	0.1040+0.1122i	-0.0201-0.0661i	-0.0161-0.0370i	0.3948+0.0143i	-0.0972+0.0061i
26.8	-16.8737-2.0975i	-22.8979-3.0292i	-0.7024+0.0517i	0.1144+0.1033i	-0.0229-0.0692i	-0.0153-0.0337i	0.4004-0.0013i	-0.0885+0.0114i
26.9	-16.6533-2.1136i	-22.6290-3.0360i	-0.6749+0.0433i	0.0927+0.1127i	-0.0281-0.0632i	-0.0223-0.0329i	0.3633+0.0111i	-0.0780+0.0066i
27.0	-16.4980-2.0195i	-22.4698-2.9229i	-0.6592+0.0328i	0.0821+0.1158i	-0.0260-0.0583i	-0.0255-0.0376i	0.3450+0.0033i	-0.0634+0.0046i
27.1	-16.2878-1.8754i	-22.2496-2.7563i	-0.6517+0.0486i	0.0810+0.1037i	-0.0245-0.0522i	-0.0273-0.0315i	0.3395+0.0082i	-0.0617-0.0143i
27.2	-16.1437-2.0216i	-22.0958-2.9884i	-0.6789+0.0635i	0.1002+0.1058i	-0.0232-0.0469i	-0.0273-0.0290i	0.3431+0.0169i	-0.0587-0.0246i
27.3	-16.0166-2.0388i	-21.9723-3.0407i	-0.6590+0.0508i	0.1094+0.1163i	-0.0216-0.0410i	-0.0231-0.0286i	0.3431+0.0257i	-0.0487-0.0276i
27.4	-15.8058-2.0129i	-21.7079-3.0248i	-0.6350+0.0538i	0.1073+0.1061i	-0.0205-0.0402i	-0.0087-0.0233i	0.3479+0.0231i	-0.0492-0.0261i
27.5	-15.7618-2.0594i	-21.7140-3.0689i	-0.6366+0.0726i	0.1211+0.0964i	-0.0091-0.0248i	-0.0114-0.0136i	0.3505+0.0199i	-0.0560-0.0278i
27.6	-15.5038-1.9911i	-21.4077-2.9736i	-0.6224+0.0850i	0.1142+0.0952i	-0.0098-0.0219i	-0.0148-0.0226i	0.3397+0.0109i	-0.0544-0.0231i
27.7	-15.3543-1.9218i	-21.1901-2.8889i	-0.6213+0.0931i	0.1092+0.0960i	-0.0120-0.0327i	-0.0114-0.0223i	0.3356+0.0060i	-0.0457-0.0275i
27.8	-15.2654-1.8194i	-21.1195-2.8101i	-0.6058+0.1134i	0.1239+0.0951i	0.0004-0.0188i	-0.0093-0.0260i	0.3296+0.0111i	-0.0448-0.0300i
27.9	-15.0882-1.7806i	-20.9488-2.7569i	-0.5621+0.1318i	0.1210+0.0976i	-0.0044-0.0167i	-0.0072-0.0324i	0.3222-0.0001i	-0.0353-0.0253i
28.0	-14.8451-1.8389i	-20.6756-2.8413i	-0.5609+0.1264i	0.1131+0.0929i	0.0026-0.0095i	-0.0036-0.0291i	0.3180-0.0032i	-0.0408-0.0319i
28.1	-14.6447-1.7619i	-20.4672-2.7623i	-0.5371+0.1058i	0.1229+0.0986i	0.0133-0.0087i	-0.0138-0.0345i	0.3079-0.0031i	-0.0341-0.0352i
28.2	-14.5786-1.7008i	-20.4137-2.6919i	-0.5258+0.1235i	0.1205+0.1008i	0.0161-0.0174i	-0.0045-0.0374i	0.3123-0.0122i	-0.0407-0.0281i
28.3	-14.5040-1.6766i	-20.3890-2.6723i	-0.5212+0.1130i	0.1320+0.0894i	0.0220-0.0024i	-0.0175-0.0351i	0.3096-0.0113i	-0.0412-0.0321i
28.4	-14.2494-1.5513i	-20.1131-2.5252i	-0.4815+0.1179i	0.1485+0.0745i	0.0258-0.0025i	-0.0222-0.0362i	0.3029-0.0276i	-0.0336-0.0224i
28.5	-14.0866-1.6977i	-19.9633-2.6556i	-0.4789+0.1197i	0.1445+0.0515i	0.0283-0.0048i	-0.0329-0.0273i	0.2888-0.0387i	-0.0199-0.0234i
28.6	-14.0150-1.7334i	-19.9395-2.7326i	-0.4855+0.0869i	0.1480+0.0616i	0.0304-0.0070i	-0.0348-0.0286i	0.2870-0.0382i	-0.0321-0.0224i
28.7	-13.9023-1.5687i	-19.7682-2.5248i	-0.4590+0.0671i	0.1366+0.0442i	0.0321-0.0106i	-0.0272-0.0139i	0.2682-0.0568i	-0.0221-0.0232i
28.8	-13.5703-1.5958i	-19.4137-2.5555i	-0.4439+0.0507i	0.1293+0.0306i	0.0331-0.0113i	-0.0316-0.0083i	0.2506-0.0482i	-0.0117-0.0133i
28.9	-13.3790-1.6854i	-19.1965-2.6398i	-0.4471+0.0367i	0.1192+0.0393i	0.0315-0.0167i	-0.0275-0.0123i	0.2337-0.0484i	-0.0148-0.0159i
29.0	-13.3108-1.6384i	-19.1322-2.6151i	-0.4512+0.0179i	0.1315+0.0638i	0.0412-0.0096i	-0.0242-0.0109i	0.2378-0.0401i	-0.0134-0.0110i
29.1	-13.2107-1.4857i	-19.0202-2.4712i	-0.4364+0.0351i	0.1341+0.0616i	0.0342-0.0145i	-0.0242-0.0077i	0.2239-0.0470i	-0.0032-0.0125i
29.2	-12.9639-1.4920i	-18.7993-2.5156i	-0.4349+0.0362i	0.1227+0.0472i	0.0353-0.0149i	-0.0323+0.0002i	0.2136-0.0547i	0.0143-0.0014i
29.3	-12.7705-1.5409i	-18.6464-2.5341i	-0.4262+0.0234i	0.1195+0.0392i	0.0283-0.0159i	-0.0275-0.0121i	0.1934-0.0430i	0.0152-0.0154i
29.4	-12.6450-1.4809i	-18.5034-2.4087i	-0.4409+0.0086i	0.1182+0.0405i	0.0369-0.0126i	-0.0116-0.0055i	0.1867-0.0418i	0.0228-0.0089i
29.5	-12.5471-1.4779i	-18.4215-2.4431i	-0.4606+0.0071i	0.1269+0.0576i	0.0443-0.0084i	-0.0117+0.0021i	0.1900-0.0358i	0.0255-0.0116i
29.6	-12.5072-1.4613i	-18.3691-2.4471i	-0.4502+0.0018i	0.1352+0.0616i	0.0366-0.0054i	-0.0104-0.0023i	0.1866-0.0461i	0.0306-0.0042i
29.7	-12.1827-1.4619i	-18.0133-2.4216i	-0.4367+0.0008i	0.1267+0.0479i	0.0319-0.0166i	-0.0143-0.0058i	0.1708-0.0375i	0.0257-0.0058i
29.8	-12.0486-1.4439i	-17.9104-2.3685i	-0.4509-0.0003i	0.1261+0.0593i	0.0407-0.0028i	0.0041+0.0054i	0.1644-0.0429i	0.0346-0.0128i
29.9	-11.9133-1.3165i	-17.7575-2.2617i	-0.4021+0.0104i	0.1644+0.0658i	0.0119+0.0116i	-0.0234+0.0118i	0.1722-0.0161i	0.0697-0.0297i
30.0	-11.7346-1.2955i	-17.4814-2.2636i	-0.4001-0.0303i	0.1063+0.0393i	0.0264+0.0001i	-0.0092+0.0091i	0.1333-0.0357i	0.0589-0.0194i
30.1	-11.5149-1.2780i	-17.2525-2.2059i	-0.3809-0.0031i	0.1149+0.0674i	0.0211-0.0065i	-0.0111+0.0054i	0.1182-0.0194i	0.0661-0.0061i
30.2	-11.4348-1.2986i	-17.2106-2.2062i	-0.3920-0.0143i	0.1034+0.0811i	0.0171-0.0002i	-0.0077+0.0075i	0.1138-0.0227i	0.0796-0.0101i
30.3	-11.3329-1.3251i	-17.1085-2.2275i	-0.4143-0.0503i	0.0896+0.0638i	0.0226-0.0076i	-0.0021-0.0017i	0.1132-0.0143i	0.0709-0.0099i

30.4	-11.2208-1.1478i	-17.0411-2.1257i	-0.4080-0.0299i	0.1134+0.0572i	0.0188+0.0033i	0.0040+0.0006i	0.0972-0.0305i	0.0892-0.0043i
30.5	-11.0897-1.1523i	-16.9594-2.0867i	-0.4021-0.0065i	0.1201+0.0577i	0.0157+0.0076i	0.0036+0.0038i	0.0982-0.0210i	0.0891-0.0007i
30.6	-10.9146-1.0983i	-16.7677-2.0325i	-0.3837-0.0192i	0.1113+0.0667i	0.0180+0.0056i	0.0126+0.0016i	0.0846-0.0174i	0.0976-0.0072i
30.7	-10.7398-1.2373i	-16.5763-2.3072i	-0.3854-0.0678i	0.1135+0.0883i	0.0144+0.0149i	0.0096+0.0055i	0.0723-0.0022i	0.1099-0.0203i
30.8	-10.6185-1.1846i	-16.4370-2.2226i	-0.3598-0.0506i	0.1341+0.0804i	0.0138+0.0099i	0.0035+0.0028i	0.0706+0.0055i	0.1100-0.0151i
30.9	-10.4616-0.9461i	-16.2939-1.9438i	-0.3494-0.0383i	0.1194+0.0772i	0.0107+0.0167i	-0.0033+0.0026i	0.0632+0.0027i	0.1259-0.0056i
31.0	-10.3007-0.9702i	-16.1865-1.9658i	-0.3878-0.0589i	0.1376+0.1008i	0.0115+0.0194i	0.0015-0.0028i	0.0498+0.0117i	0.1281-0.0137i
31.1	-10.2150-1.1118i	-16.0844-2.1037i	-0.4013-0.0728i	0.1364+0.0996i	0.0150+0.0156i	0.0087-0.0073i	0.0475+0.0085i	0.1383-0.0162i
31.2	-10.1127-1.1227i	-15.9610-2.1475i	-0.3980-0.0832i	0.1372+0.1356i	0.0075+0.0212i	0.0119-0.0031i	0.0445+0.0408i	0.1470-0.0159i
31.3	-9.9463-1.0307i	-15.7309-2.0314i	-0.3867-0.0791i	0.1353+0.1069i	0.0091+0.0194i	0.0121+0.0031i	0.0432+0.0311i	0.1562-0.0244i
31.4	-9.7754-1.1439i	-15.4910-2.1796i	-0.3588-0.1094i	0.1215+0.0958i	0.0007+0.0240i	0.0035+0.0079i	0.0171+0.0413i	0.1595-0.0205i
31.5	-9.6062-0.9752i	-15.5088-2.0628i	-0.3735-0.1105i	0.1309+0.0850i	-0.0005+0.0284i	0.0130+0.0102i	0.0253+0.0398i	0.1744-0.0354i
31.6	-9.5586-0.8302i	-15.4146-1.9298i	-0.4049-0.0918i	0.1579+0.0801i	-0.0128+0.0278i	0.0177+0.0049i	0.0211+0.0242i	0.1794-0.0129i
31.7	-9.3567-0.7480i	-15.1482-1.9429i	-0.3864-0.0989i	0.1466+0.0901i	-0.0125+0.0342i	0.0225+0.0101i	0.0188+0.0405i	0.1933-0.0282i
31.8	-9.1629-0.7055i	-14.9929-1.9072i	-0.3861-0.1142i	0.1445+0.1204i	-0.0136+0.0394i	0.0292+0.0207i	-0.0034+0.0504i	0.2074-0.0353i
31.9	-9.0821-0.7596i	-14.8321-1.9024i	-0.3890-0.1127i	0.1418+0.1071i	-0.0211+0.0404i	0.0259+0.0090i	-0.0136+0.0431i	0.2132-0.0290i
32.0	-9.1352-0.6805i	-14.8821-1.9229i	-0.3759-0.1416i	0.1476+0.1193i	-0.0282+0.0559i	0.0427+0.0136i	-0.0112+0.0619i	0.2252-0.0386i
32.1	-8.8051-0.6461i	-14.6748-1.9056i	-0.3992-0.1421i	0.1434+0.1511i	-0.0283+0.0604i	0.0329-0.0006i	-0.0217+0.0646i	0.2305-0.0537i
32.2	-8.4686-0.6607i	-14.3695-2.0532i	-0.3689-0.1531i	0.1421+0.1654i	-0.0263+0.0617i	0.0393+0.0014i	-0.0275+0.0878i	0.2431-0.0587i
32.3	-8.4965-0.4078i	-14.3698-1.9110i	-0.3914-0.1420i	0.1637+0.1530i	-0.0237+0.0613i	0.0350+0.0064i	-0.0289+0.0767i	0.2469-0.0480i
32.4	-8.2261-0.2772i	-14.2153-1.8040i	-0.4138-0.1098i	0.1608+0.1123i	-0.0329+0.0608i	0.0415-0.0077i	-0.0332+0.0634i	0.2523-0.0501i
32.5	-7.8809-0.1675i	-14.1146-1.7199i	-0.4128-0.1249i	0.1804+0.1197i	-0.0310+0.0528i	0.0207-0.0225i	-0.0329+0.0778i	0.2604-0.0526i
32.6	-7.7210-0.1709i	-13.8580-1.8209i	-0.4072-0.1268i	0.1783+0.1244i	-0.0385+0.0629i	0.0168-0.0203i	-0.0484+0.0839i	0.2720-0.0607i
32.7	-7.5629+0.0477i	-13.7727-1.8687i	-0.4261-0.1209i	0.1868+0.1314i	-0.0447+0.0699i	0.0237-0.0197i	-0.0564+0.0820i	0.2865-0.0648i
32.8	-7.3620+0.2529i	-13.7265-1.8113i	-0.4298-0.1299i	0.2036+0.1461i	-0.0531+0.0638i	0.0137-0.0091i	-0.0701+0.0750i	0.3043-0.0575i
32.9	-7.2401+0.3995i	-13.4920-1.7614i	-0.4213-0.1364i	0.1958+0.1353i	-0.0581+0.0735i	0.0263-0.0053i	-0.0841+0.0893i	0.3181-0.0741i
33.0	-6.7700+0.3640i	-13.2277-1.7744i	-0.4071-0.1180i	0.1929+0.1428i	-0.0736+0.0821i	0.0239-0.0228i	-0.1045+0.1004i	0.3272-0.0753i
33.1	-6.4621+0.6618i	-13.2007-1.7847i	-0.4452-0.1077i	0.1939+0.1697i	-0.0757+0.0722i	0.0362-0.0288i	-0.1093+0.0906i	0.3291-0.0757i
33.2	-6.1343+1.4053i	-13.0982-1.8186i	-0.4514-0.1512i	0.2122+0.1993i	-0.0746+0.0836i	0.0339-0.0169i	-0.1124+0.1220i	0.3452-0.0935i
33.3	-5.3712+1.6847i	-13.0046-1.7751i	-0.4637-0.1434i	0.2455+0.2159i	-0.0749+0.0896i	0.0211-0.0196i	-0.1072+0.1277i	0.3544-0.1031i
33.4	-4.3522+2.1368i	-12.7671-1.6882i	-0.4312-0.1160i	0.2797+0.2154i	-0.0842+0.1033i	0.0085-0.0201i	-0.1126+0.1369i	0.3545-0.1156i
33.5	-3.6296+2.1982i	-12.5959-1.6378i	-0.4255-0.1172i	0.2941+0.2280i	-0.0918+0.1077i	0.0201-0.0132i	-0.1186+0.1487i	0.3563-0.1328i
33.6	-2.3145+1.7292i	-12.5346-1.7129i	-0.4480-0.1264i	0.3474+0.2275i	-0.0908+0.1104i	0.0075-0.0203i	-0.0992+0.1504i	0.3541-0.1194i
33.7	-0.5319+1.0763i	-12.4574-1.6623i	-0.4496-0.1164i	0.4351+0.1936i	-0.0965+0.1098i	-0.0086+0.0017i	-0.0961+0.1348i	0.3561-0.1167i
33.8	0.4101+0.1157i	-12.2321-1.6977i	-0.4522-0.1199i	0.4636+0.1200i	-0.1026+0.1151i	0.0219-0.0149i	-0.1004+0.1225i	0.3535-0.1007i
33.9	1.1663-1.3973i	-12.1014-1.7418i	-0.4588-0.1508i	0.4837+0.0399i	-0.1116+0.1273i	0.0171-0.0032i	-0.1007+0.1176i	0.3422-0.1024i
34.0	1.2223-3.6654i	-11.9852-1.7592i	-0.4508-0.1295i	0.4850-0.0507i	-0.1162+0.1115i	0.0195-0.0028i	-0.1437+0.0623i	0.3940-0.0407i
34.1	0.3130-5.0631i	-11.8434-1.7812i	-0.4927-0.1073i	0.4064-0.1093i	-0.1279+0.1009i	0.0086-0.0135i	-0.1894+0.0511i	0.4396-0.0089i
34.2	-0.3153-5.6526i	-11.7718-1.6373i	-0.4511-0.0825i	0.3657-0.1260i	-0.1499+0.0820i	0.0140+0.0077i	-0.2343+0.0523i	0.4844-0.0151i
34.3	-1.2936-6.7964i	-11.6464-1.6570i	-0.3925-0.0898i	0.2732-0.1456i	-0.2044+0.1029i	0.0190+0.0194i	-0.2994+0.0841i	0.5479-0.0314i
34.4	-2.3047-7.2522i	-11.4775-1.7070i	-0.4039-0.1048i	0.2069-0.1478i	-0.2300+0.1114i	0.0251+0.0067i	-0.3388+0.1015i	0.6026-0.0553i
34.5	-2.8774-7.3228i	-11.2877-1.5786i	-0.4069-0.0857i	0.1541-0.1386i	-0.2561+0.1359i	0.0213+0.0154i	-0.3896+0.1263i	0.6474-0.0812i
34.6	-3.7502-7.1901i	-11.1626-1.6930i	-0.4124-0.0597i	0.0923-0.1586i	-0.3023+0.1379i	0.0117+0.0125i	-0.4418+0.1479i	0.7155-0.1018i
34.7	-4.6660-6.9842i	-11.0410-1.6520i	-0.4045-0.0810i	0.0440-0.1217i	-0.3326+0.1699i	0.0095+0.0296i	-0.4801+0.1932i	0.7723-0.1446i
34.8	-5.2970-6.5935i	-10.9690-1.4640i	-0.4015-0.0864i	-0.0019-0.0514i	-0.3528+0.2167i	0.0116+0.0308i	-0.5090+0.2641i	0.8040-0.2048i
34.9	-5.2630-6.0724i	-10.8705-1.5492i	-0.4144-0.0910i	0.0007-0.0152i	-0.3609+0.2444i	0.0240+0.0186i	-0.5117+0.2915i	0.8110-0.2362i
35.0	-5.3576-5.5398i	-10.7154-1.5206i	-0.4153-0.0897i	-0.0202+0.0295i	-0.3741+0.2765i	0.0273+0.0320i	-0.5299+0.3379i	0.8513-0.2789i
35.1	-5.5529-5.1868i	-10.5349-1.4500i	-0.4084-0.0729i	-0.0467+0.0724i	-0.4029+0.3072i	0.0328+0.0457i	-0.5571+0.3880i	0.8981-0.3330i
35.2	-5.6482-4.7989i	-10.5158-1.3921i	-0.4496-0.0739i	-0.0394+0.1185i	-0.3990+0.3485i	0.0251+0.0595i	-0.5568+0.4553i	0.9182-0.4064i
35.3	-5.4730-4.7598i	-10.3453-1.3671i	-0.4503-0.0866i	-0.0285+0.1460i	-0.4144+0.3791i	0.0455+0.0455i	-0.5522+0.4971i	0.9343-0.4463i
35.4	-5.4021-4.6516i	-10.1305-1.3657i	-0.3659-0.0732i	-0.0880+0.1601i	-0.4698+0.4234i	0.0733+0.0587i	-0.6062+0.5616i	0.9779-0.5150i
35.5	-5.0293-4.3645i	-9.8958-1.4032i	-0.3304-0.0430i	-0.0879+0.2133i	-0.4782+0.4468i	0.0914+0.0663i	-0.6040+0.6109i	0.9573-0.5629i
35.6	-5.0272-4.1601i	-9.8262-1.2230i	-0.3931-0.0403i	-0.0581+0.2589i	-0.4684+0.5014i	0.1095+0.0692i	-0.5672+0.6799i	0.9493-0.6405i
35.7	-4.9438-3.9659i	-9.7904-1.2575i	-0.4501-0.0585i	-0.0188+0.2581i	-0.4297+0.5455i	0.1108+0.0656i	-0.5249+0.7188i	0.9021-0.6935i
35.8	-4.7530-3.8899i	-9.5708-1.2243i	-0.3982-0.0242i	-0.0520+0.3035i	-0.4532+0.5922i	0.1308+0.0586i	-0.5348+0.7764i	0.9159-0.7661i
35.9	-4.6730-3.8830i	-9.2713-1.2497i	-0.3254-0.0702i	-0.0738+0.3894i	-0.4672+0.6719i	0.1591+0.0521i	-0.5261+0.8705i	0.9063-0.8612i
36.0	-4.5776-3.8436i	-9.1412-1.2796i	-0.3589-0.1169i	-0.0001+0.4394i	-0.4157+0.7044i	0.1739+0.0552i	-0.4253+0.9082i	0.8305-0.8921i
36.1	-4.4643-4.0010i	-9.0239-1.3198i	-0.3580-0.1055i	-0.0095+0.4658i	-0.4418+0.7350i	0.1959+0.0225i	-0.4325+0.9573i	0.8501-0.9293i
36.2	-4.3641-3.8578i	-8.8100-1.3312i	-0.3024-0.1572i	0.0194+0.5396i	-0.4347+0.8049i	0.2251+0.0184i	-0.3951+1.0355i	0.8243-1.0020i
36.3	-4.1673-3.6947i	-8.6851-1.2567i	-0.3249-0.0807i	0.0165+0.5386i	-0.4320+0.8165i	0.2387+0.0009i	-0.3790+1.0513i	0.8231-1.0083i
36.4	-3.9623-3.6780i	-8.6503-1.3171i	-0.3865-0.0990i	0.0831+0.5377i	-0.4191+0.8182i	0.2574-0.0242i	-0.3294+1.0226i	0.7940-0.9851i
36.5	-3.8669-3.6956i	-8.4873-1.3354i	-0.3627-0.1634i	0.1614+0.6348i	-0.3956+0.9066i	0.2791-0.0491i	-0.2470+1.1183i	0.7542-1.0674i
36.6	-3.8915-3.7123i	-8.2695-1.3152i	-0.3198-0.1435i	0.1752+0.6750i	-0.4008+0.9529i	0.3020-0.0893i	-0.2094+1.1700i	0.7456-1.1293i

36.7	-3.7196-3.6916i	-8.1071-1.2463i	-0.3230-0.1166i	0.1991+0.6701i	-0.3958+1.0071i	0.3200-0.1259i	-0.1728+1.1877i	0.7388-1.1739i
36.8	-3.6122-3.6619i	-7.9341-1.2609i	-0.3130-0.1029i	0.2656+0.6775i	-0.3898+1.0473i	0.3166-0.1566i	-0.1271+1.2049i	0.7329-1.2036i
36.9	-3.3869-3.4861i	-7.8849-1.1877i	-0.3943-0.1043i	0.3134+0.6455i	-0.3564+1.0447i	0.3395-0.2124i	-0.1036+1.1523i	0.7026-1.1738i
37.0	-3.3105-3.4531i	-7.7103-1.1956i	-0.3862-0.1630i	0.3855+0.6797i	-0.3099+1.1396i	0.3418-0.2578i	-0.0102+1.2013i	0.6469-1.2714i
37.1	-3.2063-3.5351i	-7.4222-1.3000i	-0.2982-0.2112i	0.3767+0.7074i	-0.3117+1.2315i	0.3456-0.3026i	0.0199+1.2391i	0.6130-1.3405i
37.2	-3.2201-3.6921i	-7.3404-1.2923i	-0.3633-0.1525i	0.3947+0.7039i	-0.2777+1.2805i	0.3358-0.3919i	0.0555+1.2607i	0.5914-1.3807i
37.3	-3.0808-3.5599i	-7.1643-1.3691i	-0.3567-0.2069i	0.4794+0.7582i	-0.2321+1.3363i	0.3174-0.4183i	0.1268+1.2911i	0.5427-1.4069i
37.4	-2.8683-3.5313i	-6.9769-1.3567i	-0.3064-0.2153i	0.4550+0.7487i	-0.2267+1.3693i	0.2716-0.4782i	0.1159+1.2612i	0.5271-1.4137i
37.5	-2.8246-3.5932i	-6.8281-1.4011i	-0.3224-0.2551i	0.5471+0.7719i	-0.1756+1.4367i	0.2502-0.5499i	0.1927+1.2860i	0.4834-1.4679i
37.6	-2.7382-3.5898i	-6.6976-1.3634i	-0.3606-0.2272i	0.6001+0.7762i	-0.1376+1.4747i	0.1822-0.6122i	0.2575+1.2973i	0.4459-1.4691i
37.7	-2.6369-3.6219i	-6.5921-1.2572i	-0.3608-0.1440i	0.5954+0.7832i	-0.1268+1.4955i	0.0921-0.7056i	0.2805+1.3220i	0.4533-1.4982i
37.8	-2.5926-3.7119i	-6.4422-1.2706i	-0.3352-0.1293i	0.6573+0.8285i	-0.1017+1.5716i	-0.0073-0.7572i	0.3344+1.3633i	0.4574-1.5617i
37.9	-2.6795-3.5988i	-6.3098-1.2823i	-0.3650-0.1259i	0.7287+0.8153i	-0.0318+1.5995i	-0.1196-0.7974i	0.4167+1.3538i	0.4064-1.5642i
38.0	-2.6858-3.5894i	-6.2344-1.2324i	-0.3836-0.1511i	0.7990+0.8065i	0.0986+1.6735i	-0.2758-0.8086i	0.5284+1.3470i	0.3281-1.6198i
38.1	-2.4955-3.5786i	-6.0121-1.2637i	-0.3467-0.1764i	0.8958+0.7837i	0.1551+1.7076i	-0.4031-0.7652i	0.6169+1.3022i	0.2838-1.6448i
38.2	-2.3277-3.5368i	-5.8582-1.3576i	-0.3750-0.1882i	0.9494+0.7432i	0.2307+1.7235i	-0.5089-0.7179i	0.6743+1.2497i	0.2422-1.6453i
38.3	-2.3276-3.4837i	-5.7392-1.3607i	-0.4222-0.2259i	1.0121+0.6961i	0.3323+1.7288i	-0.6436-0.6238i	0.7435+1.2007i	0.1807-1.6597i
38.4	-2.2728-3.4466i	-5.6106-1.4386i	-0.4199-0.2629i	1.0914+0.6508i	0.4118+1.7635i	-0.7419-0.5339i	0.8116+1.1269i	0.1440-1.6888i
38.5	-2.1443-3.4739i	-5.4434-1.3924i	-0.4047-0.1878i	1.1037+0.6310i	0.4087+1.7884i	-0.8234-0.4301i	0.8240+1.1425i	0.1826-1.7551i
38.6	-2.1249-3.4758i	-5.3125-1.3168i	-0.4171-0.1548i	1.1100+0.5946i	0.4558+1.8006i	-0.8913-0.2738i	0.8415+1.1088i	0.1681-1.8062i
38.7	-2.0608-3.5054i	-5.2028-1.3377i	-0.4335-0.1519i	1.1483+0.5557i	0.4977+1.8224i	-0.9340-0.1734i	0.8669+1.0732i	0.1426-1.8549i
38.8	-2.0290-3.4697i	-5.0345-1.3152i	-0.4095-0.1429i	1.2102+0.5088i	0.5676+1.8972i	-0.9263-0.0211i	0.9358+1.0296i	0.0732-1.9591i
38.9	-1.8395-3.3295i	-4.9175-1.2669i	-0.4496-0.0844i	1.2114+0.4752i	0.5947+1.8575i	-0.9071+0.1211i	0.9449+0.9729i	0.0631-1.9580i
39.0	-1.7613-3.2488i	-4.8205-1.3022i	-0.4767-0.0973i	1.2727+0.4273i	0.6629+1.8816i	-0.8622+0.2067i	0.9794+0.9222i	0.0137-2.0060i
39.1	-1.7130-3.1769i	-4.6183-1.3412i	-0.4282-0.1259i	1.3220+0.3582i	0.7950+1.9376i	-0.7572+0.3118i	1.0475+0.8297i	-0.1447-2.0630i
39.2	-1.6998-3.0839i	-4.4823-1.4088i	-0.4254-0.1567i	1.3366+0.3081i	0.9084+1.9637i	-0.6662+0.4113i	1.0834+0.7731i	-0.2890-2.1088i
39.3	-1.6644-2.9520i	-4.3153-1.3248i	-0.3907-0.1404i	1.3387+0.2183i	1.0294+1.9341i	-0.5978+0.4723i	1.0939+0.6788i	-0.4105-2.1193i
39.4	-1.4934-2.9616i	-4.1727-1.3153i	-0.4016-0.1195i	1.3325+0.1538i	1.0853+1.9193i	-0.5154+0.5185i	1.0946+0.6018i	-0.4553-2.1105i
39.5	-1.4010-2.9067i	-4.0837-1.3459i	-0.4441-0.1164i	1.3148+0.1131i	1.1308+1.9077i	-0.4677+0.5543i	1.0742+0.5706i	-0.5047-2.1387i
39.6	-1.4071-2.8485i	-3.9110-1.3160i	-0.3998-0.0885i	1.3332+0.0759i	1.2676+1.9324i	-0.3595+0.6048i	1.0999+0.5273i	-0.6769-2.1855i
39.7	-1.2975-2.7158i	-3.7712-1.2837i	-0.4002-0.0588i	1.3176+0.0244i	1.3691+1.8751i	-0.2699+0.5934i	1.0858+0.4545i	-0.7774-2.1462i
39.8	-1.1446-2.5171i	-3.6488-1.2324i	-0.4246-0.0610i	1.2760-0.0533i	1.4310+1.7849i	-0.1956+0.5672i	1.0403+0.3634i	-0.8559-2.0670i
39.9	-1.0693-2.4929i	-3.4951-1.2096i	-0.4041-0.0499i	1.2577-0.1264i	1.5179+1.7769i	-0.1665+0.5496i	1.0446+0.2883i	-0.9813-2.0294i
40.0	-0.9306-2.3587i	-3.3646-1.1825i	-0.4155-0.0137i	1.2120-0.1414i	1.5896+1.7249i	-0.1096+0.5705i	1.0034+0.2559i	-1.0512-1.9965i
40.1	-0.7911-2.2563i	-3.2457-1.2219i	-0.4004-0.0589i	1.1997-0.1460i	1.6495+1.6367i	-0.0568+0.5196i	0.9762+0.2233i	-1.1258-1.9189i
40.2	-0.7101-2.1413i	-3.1309-1.1639i	-0.4014-0.0601i	1.1645-0.1734i	1.7218+1.5313i	-0.0086+0.4868i	0.9281+0.1748i	-1.2202-1.7990i
40.3	-0.5085-2.0439i	-2.9571-1.1336i	-0.4155-0.0407i	1.1428-0.2016i	1.7827+1.5033i	0.0344+0.4631i	0.8900+0.1221i	-1.2924-1.7716i
40.4	-0.2557-2.0414i	-2.7749-1.1492i	-0.4155-0.0433i	1.1301-0.1860i	1.7962+1.4661i	0.0563+0.4545i	0.8668+0.1244i	-1.3173-1.7422i
40.5	-0.1065-1.8632i	-2.6014-1.0788i	-0.3626-0.0490i	1.1172-0.1882i	1.8172+1.3755i	0.0761+0.4132i	0.8196+0.1050i	-1.3516-1.6361i
40.6	-0.0210-1.8228i	-2.4683-1.0538i	-0.3543-0.0442i	1.1119-0.2236i	1.8843+1.3196i	0.1059+0.3919i	0.7979+0.0711i	-1.4300-1.5820i
40.7	0.1775-1.6911i	-2.2919-1.0550i	-0.3698-0.0434i	1.0863-0.2398i	1.8833+1.2979i	0.1072+0.3919i	0.7779+0.0565i	-1.4709-1.5530i
40.8	0.4053-1.6602i	-2.1419-1.0283i	-0.3513-0.0177i	1.1032-0.2464i	1.8858+1.2633i	0.1301+0.3757i	0.7746+0.0364i	-1.4779-1.4981i
40.9	0.5745-1.5887i	-1.9618-0.9842i	-0.3477-0.0160i	1.0687-0.2366i	1.8995+1.1905i	0.1529+0.3573i	0.7269+0.0305i	-1.5015-1.3978i
41.0	0.6831-1.3790i	-1.7440-0.9256i	-0.2991-0.0265i	1.0230-0.2453i	1.9439+1.1062i	0.1760+0.2985i	0.6814-0.0032i	-1.5845-1.2863i
41.1	0.9400-1.2936i	-1.5940-0.8829i	-0.3158-0.0243i	1.0463-0.2557i	1.9274+1.0807i	0.1855+0.3038i	0.6843-0.0178i	-1.5541-1.2200i
41.2	1.1710-1.3003i	-1.4465-0.8819i	-0.3071+0.0106i	1.0423-0.2777i	1.9243+1.0579i	0.1971+0.3002i	0.6485-0.0391i	-1.5569-1.1819i
41.3	1.3512-1.2717i	-1.2613-0.8238i	-0.2735+0.0138i	1.0290-0.3023i	1.9489+1.0112i	0.2199+0.2762i	0.6235-0.0725i	-1.5752-1.1203i
41.4	1.5778-1.2187i	-1.1278-0.7855i	-0.3309+0.0178i	1.0049-0.3034i	1.9208+0.9363i	0.2304+0.2778i	0.5798-0.0828i	-1.5054-1.0136i
41.5	1.8152-1.1538i	-0.9594-0.8013i	-0.3859+0.0150i	0.9846-0.2896i	1.8912+0.9050i	0.2427+0.2504i	0.5591-0.0835i	-1.4506-0.9630i
41.6	2.0882-1.1096i	-0.7574-0.7833i	-0.3531+0.0254i	0.9809-0.2936i	1.8869+0.9176i	0.2509+0.2405i	0.5238-0.0761i	-1.4476-0.9909i
41.7	2.2709-1.0621i	-0.5271-0.7260i	-0.3242+0.0204i	0.9738-0.2402i	1.8909+0.8646i	0.2296+0.2112i	0.4873-0.0711i	-1.4644-0.9198i
41.8	2.4303-0.9908i	-0.3231-0.7152i	-0.2887-0.0200i	0.9884-0.2722i	1.8913+0.8507i	0.2448+0.1847i	0.4812-0.1036i	-1.4271-0.8568i
41.9	2.6245-1.0235i	-0.1513-0.7211i	-0.2898+0.0000i	1.0225-0.3159i	1.8819+0.8601i	0.2584+0.1688i	0.4849-0.1462i	-1.4159-0.8365i
42.0	2.7866-0.8775i	0.0237-0.6576i	-0.2775-0.0160i	0.9771-0.3063i	1.9117+0.8251i	0.2746+0.1499i	0.4299-0.1220i	-1.4178-0.8028i
42.1	3.0442-0.7648i	0.2426-0.6504i	-0.2694-0.0437i	0.9564-0.3480i	1.9167+0.8373i	0.2752+0.1087i	0.3770-0.1494i	-1.3736-0.8208i
42.2	3.3365-0.7764i	0.4616-0.6393i	-0.2794-0.0544i	0.9614-0.2646i	1.9123+0.7824i	0.2515+0.0607i	0.3738-0.0898i	-1.3675-0.7779i
42.3	3.4569-0.9125i	0.6126-0.6701i	-0.2848-0.0449i	1.0248-0.3256i	1.9102+0.7907i	0.2253+0.0806i	0.3777-0.1366i	-1.3597-0.7472i
42.4	3.6227-0.8329i	0.8195-0.6261i	-0.2650-0.0216i	1.0263-0.3676i	1.9454+0.8170i	0.2518+0.0692i	0.3603-0.1868i	-1.3291-0.7764i
42.5	3.8333-0.7127i	1.0055-0.5499i	-0.2389-0.0121i	0.9684-0.4046i	1.9716+0.8069i	0.2407+0.0432i	0.3043-0.2080i	-1.3511-0.7564i
42.6	4.0911-0.6810i	1.1925-0.5276i	-0.2360-0.0262i	0.9720-0.4129i	1.9865+0.7601i	0.2132+0.0363i	0.2938-0.2142i	-1.3199-0.7117i
42.7	4.2883-0.7049i	1.3684-0.5166i	-0.2612-0.0110i	0.9916-0.4696i	1.9958+0.7637i	0.2212+0.0379i	0.2755-0.2621i	-1.3024-0.7260i
42.8	4.5142-0.6765i	1.6086-0.5405i	-0.2539-0.0250i	0.9002-0.4893i	2.0374+0.7345i	0.2092+0.0301i	0.1776-0.2631i	-1.3220-0.7225i
42.9	4.7299-0.6728i	1.8097-0.5303i	-0.2484+0.0004i	0.8891-0.4715i	2.0636+0.7181i	0.2010+0.0258i	0.1543-0.2589i	-1.3265-0.7329i

43.0	4.9502-0.6660i	1.9889-0.4724i	-0.2176+0.0207i	0.8585-0.4368i	2.0819+0.6688i	0.2078+0.0532i	0.1174-0.2108i	-1.3365-0.6991i
43.1	5.1827-0.6296i	2.2347-0.4407i	-0.2049-0.0088i	0.9306-0.4725i	2.0495+0.6800i	0.2134+0.0235i	0.1433-0.2608i	-1.2825-0.7329i
43.2	5.3899-0.5683i	2.4377-0.4153i	-0.2329-0.0139i	0.9051-0.5210i	2.0613+0.6925i	0.2084+0.0170i	0.0917-0.3126i	-1.2794-0.7368i
43.3	5.6407-0.5446i	2.6712-0.4016i	-0.2496-0.0484i	0.8763-0.5568i	2.0964+0.7059i	0.2004+0.0192i	0.0459-0.3404i	-1.3044-0.7867i
43.4	5.7815-0.4705i	2.7997-0.3770i	-0.2725-0.0671i	0.7668-0.5797i	2.1387+0.6552i	0.1862-0.0061i	-0.0827-0.3216i	-1.3516-0.7612i
43.5	6.0327-0.4543i	3.0061-0.3577i	-0.2673-0.0230i	0.7781-0.4854i	2.1127+0.5924i	0.1993+0.0054i	-0.0737-0.2536i	-1.3436-0.6865i
43.6	6.3369-0.4686i	3.3050-0.3574i	-0.2952-0.0463i	0.7502-0.5382i	2.1533+0.6171i	0.1787+0.0175i	-0.1150-0.2805i	-1.4043-0.7452i
43.7	6.5678-0.4918i	3.5292-0.3323i	-0.2474-0.0156i	0.7580-0.5322i	2.1679+0.6298i	0.1893+0.0146i	-0.1402-0.3000i	-1.4069-0.7351i
43.8	6.7596-0.5618i	3.6942-0.3542i	-0.2316+0.0071i	0.7641-0.5212i	2.1585+0.6095i	0.1916+0.0292i	-0.1488-0.2887i	-1.4002-0.6826i
43.9	7.0033-0.4553i	3.9138-0.2983i	-0.2658-0.0116i	0.7049-0.6135i	2.1977+0.6357i	0.1949+0.0282i	-0.2220-0.3491i	-1.4186-0.7271i
44.0	7.1360-0.4082i	4.0952-0.2788i	-0.2241-0.0244i	0.6000-0.6196i	2.2684+0.6059i	0.2296+0.0015i	-0.3495-0.3464i	-1.4705-0.7174i
44.1	7.4188-0.4631i	4.3511-0.2869i	-0.2536-0.0326i	0.5754-0.5301i	2.2786+0.5364i	0.2099-0.0193i	-0.4001-0.2615i	-1.5008-0.6662i
44.2	7.6352-0.4623i	4.5937-0.2649i	-0.2443-0.0308i	0.5385-0.4933i	2.2841+0.5098i	0.2224-0.0052i	-0.4475-0.2521i	-1.5033-0.5937i
44.3	7.9350-0.3800i	4.8776-0.2268i	-0.2403-0.0324i	0.5176-0.4302i	2.3388+0.4936i	0.2294-0.0287i	-0.4992-0.1794i	-1.5573-0.6339i
44.4	8.2585-0.4278i	5.1353-0.2529i	-0.2572+0.0046i	0.5717-0.4372i	2.3635+0.5016i	0.2407-0.0222i	-0.5042-0.1842i	-1.5578-0.5595i
44.5	8.5070-0.4703i	5.3521-0.2520i	-0.2447-0.0317i	0.5215-0.3981i	2.3760+0.4641i	0.2379-0.0252i	-0.5563-0.1347i	-1.5334-0.5198i
44.6	8.6527-0.5222i	5.5520-0.2739i	-0.2697-0.0890i	0.5275-0.3738i	2.3456+0.4353i	0.2350-0.0297i	-0.5559-0.1173i	-1.4837-0.5283i
44.7	8.9364-0.3400i	5.8168-0.1372i	-0.2502-0.0556i	0.5117-0.4057i	2.4041+0.4677i	0.2680-0.0329i	-0.6115-0.1377i	-1.5373-0.5766i
44.8	9.1043-0.3544i	6.0350-0.1273i	-0.2317-0.0364i	0.4250-0.3674i	2.4481+0.4375i	0.2635-0.0531i	-0.7129-0.0731i	-1.5905-0.5623i
44.9	9.3978-0.2824i	6.3208-0.0908i	-0.2196-0.0391i	0.4645-0.2920i	2.4482+0.4263i	0.2440-0.0740i	-0.6953-0.0208i	-1.5620-0.5354i
45.0	9.6675-0.2915i	6.5648-0.0952i	-0.2147-0.0425i	0.4182-0.2855i	2.5201+0.3948i	0.2453-0.0849i	-0.8109+0.0041i	-1.6769-0.5138i
45.1	9.8566-0.3461i	6.7740-0.1270i	-0.1873-0.0200i	0.5098-0.1663i	2.4872+0.3249i	0.2536-0.0903i	-0.7242+0.1067i	-1.5908-0.3852i
45.2	10.1865-0.2368i	7.1239-0.0417i	-0.1714-0.0558i	0.4877-0.2544i	2.5506+0.3774i	0.2584-0.0894i	-0.7848+0.0319i	-1.6367-0.4794i
45.3	10.4716-0.1461i	7.3740+0.0319i	-0.1891-0.0490i	0.4548-0.1831i	2.6001+0.3435i	0.2577-0.0955i	-0.8640+0.1209i	-1.7054-0.4480i
45.4	10.8077-0.0949i	7.6979+0.1070i	-0.1798-0.0602i	0.5388-0.1419i	2.6116+0.3258i	0.2740-0.0946i	-0.8167+0.1621i	-1.6601-0.3834i
45.5	10.9701-0.2413i	7.8332-0.0016i	-0.2250-0.0719i	0.5642-0.1864i	2.6167+0.3078i	0.2858-0.0900i	-0.8297+0.1450i	-1.6542-0.3930i
45.6	11.2747-0.1986i	8.1871+0.0188i	-0.2594-0.0409i	0.5211-0.1698i	2.6859+0.2915i	0.3141-0.1209i	-0.9307+0.1719i	-1.7069-0.3966i
45.7	11.5752-0.1661i	8.5103+0.0454i	-0.2032-0.0761i	0.5178-0.1068i	2.7298+0.2562i	0.3154-0.1512i	-0.9594+0.2371i	-1.7318-0.3331i
45.8	11.8270-0.1832i	8.7511+0.0406i	-0.1907-0.0526i	0.4926-0.0864i	2.7701+0.2154i	0.3043-0.1877i	-1.0153+0.2937i	-1.7228-0.2699i
45.9	12.1227-0.1096i	9.0514+0.1036i	-0.1853-0.0476i	0.5574+0.0003i	2.7805+0.1778i	0.2981-0.1802i	-0.9952+0.3647i	-1.7219-0.2412i
46.0	12.3789-0.0636i	9.3196+0.1003i	-0.2174-0.0587i	0.6156-0.0132i	2.8103+0.1776i	0.3365-0.1835i	-0.9939+0.3559i	-1.7113-0.2666i
46.1	12.6164-0.0780i	9.5555+0.0873i	-0.2248+0.0009i	0.6486-0.0315i	2.8195+0.1473i	0.3306-0.2110i	-0.9880+0.3632i	-1.7174-0.2346i
46.2	12.9243-0.1515i	9.8743+0.0708i	-0.2353-0.0336i	0.6243-0.0247i	2.8746+0.1067i	0.3339-0.2361i	-1.0725+0.3870i	-1.7423-0.2212i
46.3	13.2171-0.0943i	10.1716+0.1066i	-0.2190-0.0471i	0.6524-0.0090i	2.9211+0.0789i	0.3438-0.2609i	-1.1048+0.4317i	-1.7830-0.2093i
46.4	13.6038-0.1848i	10.5291+0.0225i	-0.2775-0.0085i	0.6792-0.0334i	2.9544+0.0344i	0.3541-0.2854i	-1.1109+0.4609i	-1.7721-0.1915i
46.5	13.9992-0.2020i	10.8914+0.0204i	-0.2776+0.0104i	0.6576-0.0359i	3.0202-0.0020i	0.3377-0.3190i	-1.1914+0.4876i	-1.8261-0.1611i
46.6	14.1570-0.4188i	11.1212-0.0920i	-0.2738+0.0094i	0.6350-0.0116i	3.0348-0.1010i	0.3372-0.3417i	-1.2245+0.5654i	-1.8337-0.0589i
46.7	14.5075-0.3358i	11.4194-0.0332i	-0.1922+0.0173i	0.6224+0.0175i	3.0809-0.1481i	0.3320-0.3888i	-1.2774+0.6248i	-1.8555-0.0346i
46.8	14.9292-0.4376i	11.7918-0.1130i	-0.2011+0.0198i	0.6590+0.0281i	3.1378-0.2322i	0.3207-0.4298i	-1.3143+0.7272i	-1.8825+0.0262i
46.9	15.2804-0.4660i	12.1297-0.1058i	-0.2046+0.0490i	0.7165+0.1287i	3.1215-0.2914i	0.2933-0.4366i	-1.2599+0.8455i	-1.8549+0.1206i
47.0	15.6222-0.6176i	12.4871-0.2490i	-0.2660+0.0374i	0.7855+0.0699i	3.1400-0.3462i	0.2948-0.4766i	-1.2519+0.8293i	-1.8187+0.1092i
47.1	15.8755-0.7068i	12.7660-0.2992i	-0.2694+0.0210i	0.8153+0.0644i	3.1600-0.4136i	0.2857-0.5075i	-1.2448+0.8693i	-1.8118+0.1606i
47.2	16.2992-0.4562i	13.1997-0.0972i	-0.2420-0.0182i	0.7768+0.0725i	3.2136-0.4090i	0.2623-0.5334i	-1.3114+0.9026i	-1.8595+0.1485i
47.3	16.4523-0.5941i	13.3864-0.2028i	-0.2213+0.0068i	0.7861+0.1332i	3.2191-0.4931i	0.2674-0.5651i	-1.3370+0.9955i	-1.8524+0.2203i
47.4	16.7998-0.6327i	13.6918-0.2056i	-0.2444+0.0487i	0.8694+0.1141i	3.2336-0.5249i	0.2516-0.5938i	-1.3184+1.0204i	-1.8307+0.2174i
47.5	17.3035-0.8554i	14.1743-0.3931i	-0.2742+0.0617i	0.8996+0.0973i	3.2762-0.6117i	0.2315-0.6185i	-1.3374+1.0756i	-1.8645+0.2837i
47.6	17.7079-0.7156i	14.5903-0.2840i	-0.2641+0.0442i	0.9275+0.1235i	3.3081-0.6649i	0.2466-0.6566i	-1.3705+1.1517i	-1.8627+0.3288i
47.7	17.9193-0.8500i	14.8322-0.3653i	-0.2834+0.0572i	0.9479+0.1226i	3.2963-0.7479i	0.2329-0.7000i	-1.3446+1.2198i	-1.8786+0.3842i
47.8	18.2063-0.9817i	15.1355-0.4274i	-0.3004+0.1328i	0.9984+0.0726i	3.2973-0.7980i	0.2044-0.7634i	-1.3129+1.2347i	-1.8525+0.4420i
47.9	18.3317-0.8883i	15.3089-0.3517i	-0.2244+0.1826i	0.9952+0.1025i	3.2697-0.8726i	0.1498-0.7990i	-1.2967+1.3275i	-1.8460+0.5460i
48.0	18.7755-0.9442i	15.7407-0.3647i	-0.2708+0.2221i	1.0639+0.1083i	3.2543-0.8951i	0.1078-0.8079i	-1.2563+1.3351i	-1.7367+0.5343i
48.1	19.2085-1.3158i	16.1608-0.6629i	-0.2578+0.2984i	1.0898+0.0501i	3.2776-1.0031i	0.0416-0.8755i	-1.2752+1.3912i	-1.7438+0.5930i
48.2	19.5359-1.3773i	16.5129-0.6876i	-0.1204+0.2995i	1.0690+0.0208i	3.2775-1.0821i	-0.0341-0.9203i	-1.3058+1.4544i	-1.7334+0.6268i
48.3	19.8248-1.3813i	16.8262-0.6933i	-0.0993+0.2394i	1.0571+0.0430i	3.2514-1.1246i	-0.0772-0.9262i	-1.3103+1.4955i	-1.7396+0.6740i
48.4	20.0220-1.2503i	17.0664-0.5978i	-0.0691+0.2879i	1.0699+0.0357i	3.2468-1.1640i	-0.1186-0.9794i	-1.3137+1.5345i	-1.6856+0.7148i
48.5	20.5970-1.3127i	17.5826-0.6008i	0.0407+0.3024i	1.1284+0.0537i	3.2294-1.2415i	-0.2216-1.0106i	-1.2405+1.6190i	-1.5996+0.7905i
48.6	20.8630-1.4149i	17.9326-0.7127i	0.0763+0.2545i	1.1670+0.0512i	3.1892-1.2868i	-0.2747-0.9993i	-1.1947+1.6411i	-1.5348+0.7997i
48.7	21.2063-1.4167i	18.2943-0.7145i	0.0574+0.2020i	1.2389+0.0078i	3.1315-1.2677i	-0.3327-0.9640i	-1.1134+1.6022i	-1.4746+0.7464i
48.8	21.5059-1.5035i	18.6270-0.7600i	0.0665+0.1820i	1.2070+0.0039i	3.1482-1.2909i	-0.3904-0.9883i	-1.1658+1.6108i	-1.4598+0.7599i
48.9	21.7429-1.5726i	18.9397-0.8181i	0.1083+0.1884i	1.2331-0.0124i	3.1279-1.3083i	-0.4395-0.9869i	-1.1357+1.6231i	-1.4381+0.7317i
49.0	22.1619-1.4511i	19.3220-0.7455i	0.0702+0.2145i	1.2308-0.0638i	3.1382-1.2780i	-0.4990-0.9736i	-1.1772+1.5769i	-1.4331+0.7438i
49.1	22.3676-1.4170i	19.6557-0.7365i	0.0925+0.1771i	1.2630-0.0486i	3.1158-1.3110i	-0.5549-0.9473i	-1.1617+1.6089i	-1.3779+0.7742i
49.2	22.8918-1.7717i	20.1664-1.0252i	0.0990+0.1681i	1.2909-0.0964i	3.1445-1.3859i	-0.6079-0.9502i	-1.1812+1.6338i	-1.3688+0.7519i

49.3	23.3218-1.7346i	20.5686-1.0033i	0.0715+0.1849i	1.2586-0.1212i	3.1559-1.3955i	-0.6607-0.9542i	-1.2155+1.6449i	-1.3529+0.7900i
49.4	23.6751-1.8144i	20.9291-1.0930i	0.1251+0.2271i	1.2684-0.1242i	3.1901-1.4246i	-0.7175-0.9507i	-1.2833+1.6788i	-1.3361+0.7714i
49.5	23.9879-1.7101i	21.2786-1.0087i	0.1501+0.1773i	1.3669-0.0895i	3.1561-1.4011i	-0.7436-0.9171i	-1.2089+1.6613i	-1.2756+0.7549i
49.6	24.4690-1.8896i	21.7435-1.1086i	0.1825+0.1524i	1.3547-0.1810i	3.2303-1.4483i	-0.7917-0.9403i	-1.3174+1.6571i	-1.2956+0.7570i
49.7	25.1573-2.1858i	22.4212-1.3508i	0.1758+0.1323i	1.3583-0.2353i	3.3095-1.5232i	-0.8775-0.9502i	-1.4180+1.6965i	-1.3200+0.7829i
49.8	25.7060-2.2691i	22.9468-1.4218i	0.2220+0.1373i	1.3465-0.2442i	3.3637-1.5844i	-0.9737-0.9232i	-1.5118+1.7547i	-1.3066+0.8049i
49.9	26.0297-2.2996i	23.3136-1.4652i	0.3889+0.2212i	1.3253-0.2072i	3.3614-1.6230i	-1.0760-0.9142i	-1.4983+1.8366i	-1.2765+0.8274i
50.0	26.4823-2.5717i	23.7713-1.7126i	0.4170+0.1731i	1.3477-0.2404i	3.4128-1.6873i	-1.1043-0.8712i	-1.5766+1.8424i	-1.2632+0.7613i
50.1	27.1529-2.7362i	24.4114-1.8236i	0.3215+0.1205i	1.3907-0.2410i	3.4644-1.7329i	-1.1194-0.8166i	-1.6026+1.9155i	-1.3147+0.8111i
50.2	27.6104-3.1210i	24.9011-2.1293i	0.3043+0.0986i	1.3969-0.3067i	3.5042-1.8296i	-1.1955-0.8265i	-1.6679+1.9673i	-1.3180+0.8539i
50.3	28.0638-3.1340i	25.3181-2.1540i	0.4223+0.1298i	1.3633-0.3090i	3.5451-1.9101i	-1.3062-0.8264i	-1.7777+2.0604i	-1.3011+0.8678i
50.4	28.7922-3.3601i	26.0079-2.3224i	0.5499+0.0608i	1.3692-0.3326i	3.5955-2.0348i	-1.4202-0.7530i	-1.8645+2.2161i	-1.3438+0.9026i
50.5	29.2436-3.7346i	26.4838-2.6186i	0.6005+0.0404i	1.3201-0.3367i	3.6076-2.1672i	-1.4778-0.7122i	-1.9199+2.3553i	-1.3612+1.0080i
50.6	29.9105-3.8015i	27.1452-2.6859i	0.5753-0.0193i	1.3697-0.2741i	3.6149-2.2015i	-1.5463-0.6269i	-1.8827+2.4553i	-1.2816+1.0532i
50.7	30.5402-3.4975i	27.6952-2.4188i	0.6061-0.0585i	1.4485-0.3115i	3.7158-2.2206i	-1.6011-0.6428i	-2.0026+2.4314i	-1.2399+1.0560i
50.8	30.7816-4.5130i	27.9884-3.2582i	0.6486-0.0177i	1.3830-0.3510i	3.6704-2.4211i	-1.6671-0.5702i	-2.0532+2.6458i	-1.1651+1.1062i
50.9	31.3729-4.7524i	28.5847-3.4565i	0.6646-0.0442i	1.4652-0.3504i	3.6872-2.4887i	-1.7676-0.5211i	-1.9818+2.7428i	-1.1369+1.0337i
51.0	31.8380-5.1268i	29.0381-3.7790i	0.8732-0.2486i	1.4243-0.3627i	3.7092-2.6263i	-1.8684-0.4010i	-2.0704+2.8764i	-1.1492+1.1026i
51.1	32.6437-5.4395i	29.8900-4.0204i	0.6460-0.3771i	1.5090-0.3589i	3.7251-2.7577i	-1.8781-0.3676i	-2.0963+3.0244i	-1.1240+1.1392i
51.2	32.8850-5.5548i	30.1287-4.0841i	0.7588-0.3680i	1.4898-0.3778i	3.7332-2.8282i	-1.9468-0.2971i	-2.1551+3.1053i	-1.0789+1.1392i
51.3	33.4149-6.1520i	30.7077-4.5751i	0.7065-0.5386i	1.5232-0.4112i	3.7248-2.9913i	-2.0250-0.2140i	-2.1782+3.2891i	-1.0670+1.2101i
51.4	34.2801-6.8277i	31.5825-5.1767i	0.5289-0.6067i	1.6057-0.4519i	3.7088-3.1989i	-2.1446-0.1503i	-2.1458+3.5051i	-0.9883+1.2867i
51.5	34.7318-7.0126i	31.9868-5.3191i	0.6867-0.5917i	1.6095-0.4249i	3.6821-3.3030i	-2.2912-0.0910i	-2.1812+3.6529i	-0.8684+1.3278i
51.6	35.2920-7.9580i	32.5849-6.1211i	0.7337-0.7205i	1.6562-0.4414i	3.5944-3.4501i	-2.3840+0.1335i	-2.1239+3.8609i	-0.7645+1.2891i
51.7	36.2431-8.7666i	33.5365-6.7878i	0.5424-0.8305i	1.7472-0.4945i	3.5729-3.5996i	-2.5036+0.2140i	-2.1287+4.0866i	-0.6484+1.3678i
51.8	37.1031-9.4144i	34.3189-7.2903i	0.7208-0.9258i	1.8771-0.5261i	3.5639-3.6980i	-2.6888+0.4689i	-2.1081+4.3010i	-0.5428+1.2230i
51.9	37.5591-10.9171i	34.7701-8.5498i	0.5144-1.0740i	1.9715-0.6914i	3.5588-3.8047i	-2.6685+0.7523i	-2.0329+4.4665i	-0.5065+1.1768i
52.0	37.6309-11.6587i	34.9351-9.0812i	0.4016-1.0725i	1.9963-0.8771i	3.6767-3.9275i	-2.6605+1.0638i	-2.0298+4.6621i	-0.4893+0.9872i
52.1	37.7784-12.5581i	35.2815-9.7420i	0.3356-1.3048i	1.9359-1.0994i	3.7674-4.2108i	-2.5013+1.2941i	-2.0238+4.9129i	-0.6360+0.9672i
52.2	36.6955-13.2711i	34.5685-10.3674i	0.3300-1.3093i	1.7112-1.1165i	3.5578-4.4777i	-2.2876+1.4385i	-1.7967+5.1514i	-0.5441+0.9577i
52.3	37.2932-14.0251i	35.1708-11.0653i	0.3347-1.1266i	1.6981-1.2595i	3.5318-4.6893i	-2.2779+1.4328i	-1.6815+5.2184i	-0.6893+1.0036i
52.4	37.0356-15.1888i	35.0513-12.0407i	0.4033-1.5024i	1.5568-1.3561i	3.3034-5.0152i	-2.1907+1.6448i	-1.5700+5.4946i	-0.6156+1.0468i
52.5	36.7096-15.5840i	34.9463-12.3582i	-0.0430-1.4392i	1.4486-1.3503i	3.0905-5.1685i	-2.1847+1.6683i	-1.4364+5.6588i	-0.5667+1.0461i
52.6	37.0009-15.9916i	35.3735-12.7232i	0.3354-1.3113i	1.3863-1.3283i	2.9449-5.3372i	-2.1847+1.9094i	-1.2910+5.8766i	-0.5451+1.0223i
52.7	37.0993-16.8484i	35.5779-13.4643i	0.4137-1.7203i	1.3722-1.3743i	2.7746-5.5613i	-2.0363+2.1249i	-1.1520+6.1012i	-0.5109+1.0267i
52.8	37.3549-17.1233i	35.9710-13.7083i	-0.2828-1.8989i	1.3709-1.4237i	2.6152-5.6769i	-1.9478+2.1168i	-0.9960+6.2617i	-0.4774+1.0609i
52.9	37.3125-17.9842i	36.0105-14.4388i	0.0083-1.8200i	1.2420-1.4427i	2.3803-5.9080i	-1.9774+2.4044i	-0.8516+6.5181i	-0.3933+0.9916i
53.0	36.4531-18.8114i	35.3823-15.1214i	-0.3056-2.2316i	1.0943-1.4483i	2.0542-6.0249i	-1.7746+2.5763i	-0.6229+6.7057i	-0.3812+0.9650i
53.1	36.1556-19.5571i	35.3673-15.8002i	-0.6042-2.3066i	1.1389-1.4801i	1.7225-6.0686i	-1.5057+2.7657i	-0.1702+6.8320i	-0.3104+0.8617i
53.2	36.1099-19.9370i	35.4275-16.1255i	-0.8184-2.5663i	1.0920-1.5413i	1.5677-6.2196i	-1.3646+2.8564i	-0.0880+6.9857i	-0.3702+0.8511i
53.3	35.8283-20.3938i	35.3753-16.4510i	-1.2465-2.5991i	0.9627-1.5924i	1.2757-6.3151i	-1.1581+2.9564i	0.1720+7.1663i	-0.3706+0.8014i
53.4	35.3232-21.3537i	35.1895-17.2554i	-1.6228-2.5622i	0.8035-1.5924i	0.8652-6.3884i	-0.8609+3.0851i	0.5658+7.3285i	-0.4308+0.7603i
53.5	34.8550-21.3449i	34.8990-17.2981i	-1.9457-2.2247i	0.7218-1.4918i	0.6142-6.2844i	-0.6311+3.0558i	0.8071+7.3644i	-0.4283+0.8227i
53.6	34.2614-22.1888i	34.5481-18.0779i	-2.1231-1.8916i	0.5591-1.4463i	0.3288-6.2347i	-0.3890+3.0299i	1.0859+7.4436i	-0.3143+0.7220i
53.7	34.4275-22.3383i	34.8119-18.2047i	-2.1277-1.8696i	0.5269-1.3473i	0.2876-6.2621i	-0.1689+2.9631i	1.1738+7.6505i	-0.4934+0.6838i
53.8	33.9083-23.4055i	34.4818-19.1151i	-2.1553-1.7431i	0.6088-1.2523i	0.0489-6.3966i	-0.0010+2.7641i	1.5208+7.9847i	-0.5400+0.7894i
53.9	31.8016-24.3145i	32.8415-19.8832i	-2.3421-1.6125i	0.6567-1.2489i	-0.4597-6.4063i	0.0844+2.5487i	2.3156+8.1772i	-0.4529+0.9086i
54.0	29.5546-23.4709i	31.1660-19.1387i	-2.6472-1.6767i	0.5954-1.3421i	-0.9529-6.1815i	0.0158+2.3900i	3.1229+7.9269i	-0.2857+0.8873i
54.1	28.4311-22.1876i	30.4865-18.1082i	-3.0704-1.7302i	0.4364-1.3326i	-1.2515-5.8854i	-0.1108+2.4749i	3.6291+7.4270i	-0.2433+0.7962i
54.2	28.4215-20.7490i	30.6620-17.0542i	-3.6078-1.4611i	0.3961-1.2360i	-1.3197-5.5618i	0.0020+2.6328i	3.7606+6.8657i	-0.1117+0.6265i
54.3	28.1806-20.0722i	30.5873-16.5470i	-3.7421-1.3691i	0.2364-1.1155i	-1.5346-5.4244i	0.1608+2.7329i	3.8353+6.6872i	-0.3296+0.5744i
54.4	28.8115-19.3108i	31.2941-15.9456i	-3.9695-0.6981i	0.2220-1.0526i	-1.6164-5.2339i	0.2743+2.7151i	3.8865+6.5095i	-0.3304+0.5772i
54.5	29.3677-18.7518i	31.9234-15.3954i	-4.0026-0.2068i	0.2862-0.9742i	-1.6583-5.1414i	0.3909+2.6905i	3.9771+6.4312i	-0.3526+0.5671i
54.6	29.2855-18.6318i	32.0090-15.3511i	-4.0627+0.3687i	0.2732-0.8896i	-1.8275-4.9881i	0.5367+2.6677i	4.1716+6.2919i	-0.3344+0.5306i
54.7	29.2891-18.1774i	32.1269-15.0212i	-3.4887+0.9134i	0.2557-0.8812i	-1.9084-4.8691i	0.5987+2.6795i	4.2864+6.1879i	-0.3590+0.4225i
54.8	29.4653-17.8331i	32.5018-14.7714i	-3.3567+0.3423i	0.2893-0.8466i	-2.0797-4.7335i	0.9111+2.7132i	4.5627+6.0771i	-0.5523+0.4697i
54.9	29.4318-17.5498i	32.5491-14.6541i	-3.7962+0.9478i	0.2636-0.8332i	-2.1558-4.4844i	1.0361+2.4150i	4.6422+5.7439i	-0.5128+0.6346i
55.0	29.7190-17.2297i	32.9940-14.3990i	-3.5554+1.3833i	0.2811-0.8099i	-2.2196-4.3646i	1.0566+2.3600i	4.7801+5.6436i	-0.4581+0.5876i
55.1	29.8599-16.5367i	33.3768-13.7983i	-3.2164+1.4975i	0.3418-0.7529i	-2.2941-4.2120i	1.0802+2.3183i	4.9043+5.5013i	-0.4839+0.5731i
55.2	30.1265-16.1180i	33.7502-13.4574i	-2.9753+1.5147i	0.3425-0.6871i	-2.3961-4.1280i	1.1846+2.3344i	5.0647+5.4060i	-0.5120+0.5676i
55.3	30.0922-16.0072i	33.8780-13.5394i	-2.9938+1.6861i	0.3494-0.6836i	-2.5015-3.9076i	1.2743+2.2069i	5.1958+5.1405i	-0.4549+0.5864i
55.4	30.2182-15.4350i	34.1625-13.0466i	-2.7878+1.5810i	0.3081-0.6598i	-2.5416-3.7504i	1.3369+2.1516i	5.2698+4.9424i	-0.4462+0.5732i
55.5	30.6575-14.9112i	34.7043-12.6368i	-2.6721+1.6369i	0.3035-0.6524i	-2.6002-3.6109i	1.4365+2.0976i	5.3492+4.7677i	-0.4651+0.5603i

55.6	31.0936-14.6114i	35.3253-12.5527i	-3.0832+1.6346i	0.3084-0.6221i	-2.6626-3.4168i	1.5703+1.9542i	5.4795+4.5399i	-0.4828+0.5463i
55.7	31.1389-13.5091i	35.3615-11.5590i	-3.0834+1.7861i	0.2982-0.5576i	-2.5775-3.2308i	1.4869+1.8333i	5.3589+4.3404i	-0.4630+0.5202i
55.8	31.5843-12.8803i	35.9240-11.0654i	-2.9824+1.8522i	0.3655-0.4970i	-2.6168-3.0440i	1.5365+1.7459i	5.4217+4.1280i	-0.4875+0.5195i
55.9	32.4224-12.7783i	36.8665-11.0533i	-2.8022+2.1538i	0.3725-0.4924i	-2.6346-2.9442i	1.5662+1.7048i	5.4990+4.0122i	-0.5023+0.4988i
56.0	33.3295-12.4000i	37.9044-10.6968i	-2.5635+2.0690i	0.3271-0.4707i	-2.6165-2.8338i	1.6112+1.6758i	5.5028+3.8750i	-0.5318+0.4744i
56.1	33.9086-11.8051i	38.5056-10.2438i	-2.9708+2.1233i	0.3316-0.4205i	-2.5796-2.6804i	1.6862+1.5723i	5.4640+3.7102i	-0.5622+0.4998i
56.2	34.6229-11.2671i	39.3372-9.8486i	-3.0030+2.6044i	0.3273-0.4154i	-2.5586-2.5532i	1.6128+1.4284i	5.4480+3.5817i	-0.5558+0.5012i
56.3	35.8595-11.4069i	40.7570-10.0654i	-2.8053+2.6839i	0.3368-0.3803i	-2.6030-2.4419i	1.6710+1.3987i	5.5700+3.4573i	-0.5789+0.4838i
56.4	36.7072-11.2812i	41.7689-10.1034i	-3.1950+2.8565i	0.3684-0.2815i	-2.5987-2.3308i	1.7029+1.3380i	5.5766+3.3388i	-0.5754+0.4834i
56.5	36.7764-10.2764i	41.8246-9.0990i	-2.9776+2.8856i	0.4004-0.2470i	-2.4717-2.2135i	1.6331+1.2931i	5.3833+3.2590i	-0.6188+0.4622i
56.6	37.8576-10.2988i	43.0156-9.2680i	-2.9242+3.0164i	0.4574-0.2760i	-2.4396-2.1025i	1.6511+1.2193i	5.4277+3.0941i	-0.6552+0.4866i
56.7	39.1146-10.7525i	44.3945-9.8621i	-2.9543+3.3192i	0.5238-0.2546i	-2.4396-2.0048i	1.6805+1.1735i	5.4868+2.9554i	-0.6797+0.5335i
56.8	39.7638-10.4684i	45.1041-9.5856i	-2.8054+3.3964i	0.5149-0.2095i	-2.3772-1.9127i	1.6344+1.1194i	5.3661+2.8657i	-0.6943+0.5312i
56.9	40.7303-10.2110i	46.1607-9.3591i	-2.8782+3.5734i	0.5109-0.1937i	-2.3428-1.8504i	1.6364+1.0892i	5.3628+2.7986i	-0.6969+0.5476i
57.0	41.2392-10.4784i	46.7411-9.7013i	-2.6605+3.7983i	0.5421-0.1687i	-2.3094-1.7760i	1.6449+1.0677i	5.3160+2.6732i	-0.7165+0.6114i
57.1	42.5078-10.3951i	48.1902-9.6687i	-2.9371+4.0131i	0.5485-0.1023i	-2.2914-1.7264i	1.6591+1.0443i	5.3085+2.6293i	-0.7378+0.6416i
57.2	43.7293-10.2931i	49.6113-9.6481i	-2.9641+4.0053i	0.5314-0.1592i	-2.2786-1.6896i	1.7133+1.0265i	5.3262+2.6264i	-0.7013+0.6880i
57.3	44.8142-10.6559i	50.8023-10.0942i	-3.0691+4.5152i	0.6022-0.1853i	-2.2536-1.6395i	1.7028+0.8977i	5.2933+2.5451i	-0.6766+0.7475i
57.4	45.3861-10.9294i	51.5220-10.4697i	-2.8382+4.9898i	0.6173-0.1079i	-2.2652-1.5578i	1.6958+0.8838i	5.2952+2.4689i	-0.6296+0.7384i
57.5	45.5236-10.7622i	51.7578-10.4120i	-2.4709+5.1682i	0.6920-0.0936i	-2.2090-1.4466i	1.6990+0.8400i	5.1873+2.3579i	-0.6033+0.7296i
57.6	47.0266-10.2955i	53.4482-9.8587i	-2.1937+5.1423i	0.7293-0.0664i	-2.1509-1.4549i	1.6790+0.8443i	5.1565+2.4067i	-0.5770+0.7039i
57.7	48.8220-10.1040i	55.4530-9.6552i	-2.1209+5.3833i	0.6876-0.0699i	-2.1486-1.4354i	1.6630+0.8371i	5.1662+2.4705i	-0.5664+0.7114i
57.8	49.1891-11.2091i	55.9426-11.0488i	-1.8340+5.8083i	0.7510-0.0350i	-2.1274-1.3187i	1.6828+0.7544i	5.1663+2.3347i	-0.5424+0.6848i
57.9	50.0805-12.1761i	57.1200-12.2386i	-1.4373+5.7900i	0.8361-0.0189i	-2.1234-1.2218i	1.6948+0.6686i	5.1936+2.2080i	-0.5463+0.7284i
58.0	50.3915-12.3405i	57.4667-12.4800i	-1.2906+6.1774i	0.8362+0.0180i	-2.0825-1.1385i	1.6523+0.6109i	5.1374+2.1575i	-0.5260+0.6827i
58.1	51.9636-11.6544i	59.1594-11.6825i	-0.7500+6.3418i	0.9167+0.0523i	-1.9943-1.1193i	1.6306+0.6112i	5.0870+2.2231i	-0.5398+0.6706i
58.2	53.5103-12.3138i	61.0302-12.4546i	-0.4789+6.4953i	0.9568+0.0753i	-2.0315-1.1081i	1.6229+0.5994i	5.1857+2.2217i	-0.5584+0.6705i
58.3	53.8772-13.0465i	61.4441-13.4420i	0.1246+6.7432i	0.9715+0.0283i	-2.0078-1.0133i	1.5865+0.5505i	5.1537+2.1222i	-0.5379+0.6624i
58.4	54.4511-12.3923i	62.1237-12.7956i	0.5484+6.4942i	1.0542-0.0221i	-1.9239-0.9759i	1.5314+0.5527i	5.0753+2.1649i	-0.5314+0.6209i
58.5	54.8922-13.4622i	62.7152-14.0939i	0.9170+6.5737i	1.0870-0.0045i	-1.8982-0.8902i	1.5005+0.5442i	5.0855+2.0789i	-0.5084+0.5746i
58.6	56.8771-14.5531i	64.9963-15.4269i	1.2915+6.3248i	1.1409-0.0615i	-1.8960-0.8430i	1.5152+0.5417i	5.1915+2.0291i	-0.5414+0.6160i
58.7	58.2349-14.4654i	66.6976-15.2308i	1.3560+6.1247i	1.2412+0.0129i	-1.8795-0.8201i	1.4968+0.5702i	5.2051+2.0800i	-0.5508+0.6052i
58.8	59.2888-13.8233i	67.8897-14.5863i	1.5589+5.7117i	1.1817-0.0306i	-1.8363-0.7975i	1.5000+0.5972i	5.1743+2.1370i	-0.5568+0.5884i
58.9	60.5331-15.3121i	69.3250-16.4719i	2.0572+5.1585i	1.2686-0.1602i	-1.8012-0.7131i	1.4947+0.5955i	5.2329+2.0508i	-0.5476+0.5622i
59.0	60.9381-16.1952i	69.8938-17.5385i	2.2948+5.0195i	1.2567-0.0877i	-1.7617-0.6325i	1.4656+0.5924i	5.1524+1.9783i	-0.5753+0.5148i
59.1	62.6747-16.6454i	71.8111-18.0405i	2.2310+5.0702i	1.3359+0.0074i	-1.7082-0.5998i	1.4790+0.6537i	5.3265+2.0617i	-0.6130+0.5388i
59.2	63.4622-17.1926i	72.7659-18.8383i	2.0513+4.6650i	1.2933-0.2354i	-1.6606-0.5586i	1.4827+0.6865i	5.2740+2.0355i	-0.5987+0.4824i
59.3	63.8425-17.4800i	73.3911-19.2662i	2.0210+4.8768i	1.3822-0.2475i	-1.5977-0.5120i	1.5133+0.7074i	5.2600+2.0046i	-0.6390+0.4366i
59.4	64.6297-18.5748i	74.2386-20.6578i	1.7459+4.7661i	1.2726-0.3902i	-1.5394-0.4616i	1.5623+0.7443i	5.3178+1.9592i	-0.6810+0.4016i
59.5	66.5571-18.2706i	76.6476-20.3891i	2.0280+5.1613i	1.4541-0.3668i	-1.4889-0.4684i	1.6032+0.8352i	5.3638+2.0682i	-0.7696+0.3880i
59.6	66.7942-19.3207i	76.8035-21.4571i	1.6876+5.2091i	1.2766-0.2493i	-1.4307-0.4247i	1.6707+0.8381i	5.3861+2.0034i	-0.8368+0.3785i
59.7	67.4162-20.1608i	77.5726-22.7918i	1.6739+4.8152i	1.2547-0.4847i	-1.3583-0.4048i	1.7143+0.8606i	5.4048+1.9623i	-0.8957+0.3786i
59.8	68.4910-19.6616i	78.8544-22.2942i	1.8429+4.9424i	1.3331-0.4569i	-1.2910-0.4128i	1.7937+0.8801i	5.4374+1.9875i	-0.9722+0.3795i
59.9	68.5913-20.1793i	79.3067-23.2598i	2.4761+4.1172i	1.5804-0.7345i	-1.2215-0.4028i	1.8427+0.8763i	5.4291+1.9591i	-1.0481+0.4440i
60.0	69.0668-21.3014i	90.3348-25.1090i	14.4754+3.6137i	11.4981-1.2211i	-1.1393-0.3984i	2.0073+0.7982i	5.6343+1.7992i	-0.9574+0.5318i
60.1	71.7767-22.9835i	83.4485-25.6651i	2.9985+5.3192i	1.9822+0.1145i	-1.1750-0.3953i	2.0752+0.7693i	5.6898+1.8179i	-1.1612+0.6018i
60.2	72.2853-21.8368i	83.3891-24.9025i	2.3159+5.1076i	1.3372-0.3532i	-1.1185-0.4101i	2.1042+0.7485i	5.5994+1.8707i	-1.2439+0.6466i
60.3	73.8210-22.9500i	85.3314-26.3737i	2.3124+4.9235i	1.5058-0.3953i	-1.1170-0.4024i	2.2086+0.7126i	5.6932+1.8540i	-1.2985+0.7175i
60.4	75.6253-24.2154i	87.3165-28.1096i	1.8569+4.5624i	1.3494-0.5680i	-1.0922-0.4053i	2.2699+0.6131i	5.7826+1.8034i	-1.3121+0.8558i
60.5	76.2906-24.8140i	88.2259-28.9915i	2.0586+4.8447i	1.4735-0.6722i	-1.0625-0.4068i	2.2953+0.5436i	5.7786+1.7522i	-1.2935+0.9724i
60.6	76.3781-25.5302i	88.2828-29.8914i	2.3398+4.8487i	1.5047-0.7867i	-1.0327-0.3909i	2.3064+0.4935i	5.7446+1.7026i	-1.2789+1.0772i
60.7	77.9992-25.7756i	90.3491-30.0629i	2.7880+4.8240i	1.6409-0.7189i	-0.9872-0.3747i	2.3165+0.4797i	5.8059+1.7629i	-1.2342+1.1450i
60.8	79.5353-26.8652i	92.2322-31.4148i	2.6216+4.6063i	1.4929-0.7088i	-0.9675-0.3677i	2.3535+0.4375i	5.9040+1.7709i	-1.1336+1.2243i
60.9	79.5376-29.4041i	92.1715-34.4956i	2.8004+4.6875i	1.4236-0.9131i	-0.9501-0.3544i	2.4216+0.3987i	5.9949+1.5992i	-1.0441+1.2064i
61.0	80.4859-28.8684i	93.3932-33.9146i	3.1393+4.4498i	1.4297-0.8477i	-0.9137-0.3626i	2.4954+0.3720i	6.0078+1.6293i	-1.0311+1.1650i
61.1	82.5837-29.7012i	95.9343-35.1585i	2.4965+3.8954i	1.3730-0.9556i	-0.8911-0.3630i	2.5759+0.2924i	6.1488+1.6046i	-1.0243+1.1673i
61.2	84.6768-30.6342i	98.3820-36.4478i	2.7590+4.0072i	1.4437-0.9411i	-0.8857-0.3743i	2.6595+0.2100i	6.2446+1.5717i	-1.0908+1.2376i
61.3	85.2843-31.9764i	99.0985-38.1039i	3.0604+4.2313i	1.4360-0.9364i	-0.8666-0.3543i	2.7023+0.1094i	6.2764+1.4684i	-1.0838+1.2877i
61.4	85.6919-32.5072i	99.5820-38.8145i	3.2271+4.4281i	1.3538-0.8966i	-0.8460-0.3473i	2.7503+0.0446i	6.2574+1.4259i	-1.0816+1.3344i
61.5	87.9147-32.6699i	102.2517-39.2044i	2.5525+4.0288i	1.3340-1.0146i	-0.8199-0.3593i	2.7674-0.0053i	6.3104+1.4849i	-1.0657+1.3611i
61.6	89.3912-35.4520i	104.0551-42.5941i	2.2899+3.9793i	1.4069-1.0631i	-0.8302-0.3351i	2.7797-0.1446i	6.4460+1.3247i	-0.9822+1.4398i
61.7	91.4100-36.7468i	106.4893-44.2879i	2.3318+4.2164i	1.4118-1.0599i	-0.8067-0.3163i	2.8087-0.2330i	6.5657+1.2630i	-0.9621+1.4897i
61.8	92.3374-37.2110i	107.4917-45.0320i	2.2349+4.3997i	1.3854-1.0677i	-0.7649-0.3189i	2.8093-0.2875i	6.5834+1.2429i	-0.9314+1.5135i

61.9	94.3982-38.7571i	109.9888-46.9374i	2.1860+4.2082i	1.3946-1.1179i	-0.7378-0.3059i	2.8576-0.3983i	6.6892+1.2104i	-0.9263+1.5646i
62.0	96.5561-40.1075i	112.6435-48.7200i	1.2957+4.2788i	1.3153-1.1739i	-0.7203-0.2991i	2.8446-0.4648i	6.7562+1.1875i	-0.8988+1.5862i
62.1	98.7031-43.6587i	115.0066-53.0663i	0.9415+4.7039i	1.2599-1.2450i	-0.7169-0.2869i	2.8856-0.5574i	6.9444+1.0591i	-0.8292+1.6412i
62.2	99.9422-45.7052i	116.5096-55.5755i	0.9369+4.5528i	1.2485-1.2290i	-0.7060-0.2777i	2.9207-0.6800i	7.0075+0.9781i	-0.7884+1.6957i
62.3	100.7128-46.8689i	117.3507-57.0793i	0.4570+5.0156i	1.1760-1.2691i	-0.6791-0.2699i	2.9183-0.7348i	7.0254+0.9056i	-0.7624+1.6840i
62.4	101.8965-48.6075i	118.8049-59.4157i	0.5050+5.5862i	1.1422-1.2899i	-0.6459-0.2619i	2.9143-0.8175i	7.0911+0.8405i	-0.7196+1.6951i
62.5	104.2646-51.4244i	121.7509-62.9284i	0.4416+4.9283i	1.1128-1.3580i	-0.6268-0.2537i	2.9336-0.9598i	7.2510+0.7758i	-0.6478+1.7364i
62.6	106.6233-55.5891i	124.4829-68.0454i	-0.3038+5.5338i	1.0635-1.3690i	-0.6205-0.2367i	2.9620-1.0733i	7.4362+0.6209i	-0.5935+1.7498i
62.7	107.0002-57.5691i	124.9009-70.5727i	-0.9402+6.4694i	1.1163-1.4048i	-0.5960-0.2181i	2.9370-1.1381i	7.4717+0.4907i	-0.5880+1.7296i
62.8	107.4745-58.3156i	125.4470-71.5558i	-1.3007+6.5182i	1.0476-1.4509i	-0.5552-0.2252i	2.9347-1.1893i	7.4646+0.4474i	-0.5763+1.7169i
62.9	109.6906-60.0798i	128.1688-73.8931i	-1.3521+7.0236i	1.0177-1.3997i	-0.5196-0.2097i	2.9474-1.2697i	7.5658+0.4550i	-0.5535+1.7143i
63.0	112.4243-64.1310i	131.2618-79.0595i	-1.6047+8.1563i	0.9666-1.4129i	-0.5121-0.2038i	2.9537-1.4086i	7.7581+0.3344i	-0.5571+1.7462i
63.1	113.7478-66.1319i	132.8643-81.5404i	-1.6603+9.3385i	0.9078-1.4787i	-0.4931-0.1911i	2.9826-1.5130i	7.8263+0.2439i	-0.5905+1.7664i
63.2	113.2930-67.1417i	132.3604-82.7529i	-1.0984+9.5670i	0.9081-1.4363i	-0.4560-0.1882i	2.9292-1.5772i	7.7580+0.1553i	-0.5650+1.7300i
63.3	115.6480-73.1781i	135.0046-90.2542i	-2.1003+10.2447i	0.8835-1.4873i	-0.4283-0.1896i	2.9321-1.7164i	8.0203-0.1069i	-0.5396+1.7904i
63.4	117.6074-76.5504i	137.3426-94.6166i	-3.0824+10.8256i	0.8766-1.5704i	-0.3979-0.1760i	2.9186-1.8569i	8.1471-0.2193i	-0.5383+1.8545i
63.5	118.8729-82.2321i	138.7366-101.6301i	-3.6912+12.3270i	0.7549-1.6470i	-0.3772-0.1741i	2.9010-2.0522i	8.3388-0.4745i	-0.4863+1.9347i
63.6	118.9791-86.6592i	138.8388-107.0929i	-3.7873+13.2862i	0.7326-1.7372i	-0.3439-0.1754i	2.8596-2.1419i	8.3730-0.6764i	-0.4733+1.9612i
63.7	120.5352-86.1973i	140.7892-106.7093i	-3.3499+13.4231i	0.7184-1.7052i	-0.3002-0.1741i	2.8354-2.1563i	8.3432-0.6283i	-0.4747+1.9357i
63.8	117.2489-90.7446i	136.6680-112.3758i	-3.2342+16.6437i	0.5541-1.6305i	-0.2617-0.1741i	2.6965-2.2909i	8.2451-0.9482i	-0.3576+1.9520i
63.9	116.9599-93.4129i	136.2092-115.6893i	-1.1637+18.4521i	0.5967-1.5708i	-0.2265-0.1643i	2.6788-2.4142i	8.2300-1.0677i	-0.3446+2.0293i
64.0	121.2382-100.0420i	141.2497-124.1179i	-1.6845+19.0339i	0.5583-1.6885i	-0.1934-0.1938i	2.6849-2.5708i	8.5455-1.2723i	-0.3595+2.0766i
64.1	123.0063-103.6900i	143.3511-128.8084i	-1.0754+20.9386i	0.5271-1.7191i	-0.1648-0.1858i	2.6979-2.7173i	8.6505-1.3683i	-0.3510+2.1332i
64.2	120.0836-105.9791i	139.6995-131.7953i	0.2107+23.2193i	0.4332-1.6901i	-0.1248-0.1912i	2.5712-2.7640i	8.4783-1.5406i	-0.2766+2.1253i
64.3	121.6820-109.5179i	141.4264-136.2790i	1.0306+25.1285i	0.3795-1.6289i	-0.0905-0.2102i	2.5371-2.8843i	8.5544-1.6507i	-0.2604+2.1441i
64.4	119.3317-115.9221i	138.0733-144.0712i	3.2571+27.4237i	0.2114-1.6105i	-0.0799-0.2310i	2.4004-3.0399i	8.5287-1.9584i	-0.2169+2.1638i
64.5	118.9551-123.0579i	137.3544-153.0168i	4.9991+30.6262i	0.1509-1.6202i	-0.0486-0.2378i	2.3257-3.2402i	8.6167-2.2613i	-0.1119+2.2579i
64.6	121.5725-125.0801i	140.5291-155.8436i	7.7748+31.6836i	0.1802-1.6410i	-0.0119-0.2542i	2.3121-3.4276i	8.7070-2.2023i	-0.1048+2.2981i
64.7	117.5588-133.2899i	135.2275-166.0202i	9.3875+33.4119i	0.0187-1.7353i	-0.0009-0.2841i	2.1535-3.6321i	8.6709-2.6083i	-0.0771+2.3808i
64.8	116.0587-139.7121i	133.1186-173.8632i	12.5738+34.8231i	-0.0743-1.8025i	0.0318-0.2992i	2.0294-3.8718i	8.7120-2.8536i	-0.0056+2.4491i
64.9	112.0550-144.1602i	127.9196-179.2289i	15.9891+35.3945i	-0.0823-1.6016i	0.0527-0.3145i	1.7969-3.9977i	8.6350-3.1075i	0.0664+2.5099i
65.0	107.5657-148.8274i	122.1183-184.9792i	20.6406+36.2928i	-0.1748-1.5070i	0.0675-0.3276i	1.5041-4.1408i	8.5207-3.3344i	0.1665+2.5693i
65.1	107.7800-154.9036i	122.0620-192.6027i	24.5173+37.0290i	-0.2403-1.5668i	0.1075-0.3527i	1.3238-4.3380i	8.6563-3.5107i	0.2542+2.6882i
65.2	105.7739-161.5391i	119.1021-200.8222i	26.6665+37.6860i	-0.3779-1.6253i	0.1489-0.3682i	1.1483-4.5074i	8.7351-3.8086i	0.3459+2.7921i
65.3	96.0196-165.1475i	106.7594-204.6733i	32.1734+36.2700i	-0.3936-1.4821i	0.1444-0.3991i	0.7466-4.5098i	8.4374-4.1489i	0.5234+2.7848i
65.4	91.2459-164.6636i	101.0848-204.0129i	37.9507+34.0083i	-0.3993-1.4124i	0.1603-0.3984i	0.4468-4.5001i	8.1994-4.1557i	0.6766+2.7707i
65.5	86.5651-167.6570i	94.9149-207.6551i	43.0528+31.8660i	-0.5553-1.3413i	0.1847-0.4278i	0.1004-4.4900i	8.0880-4.3309i	0.8408+2.7669i
65.6	78.3700-169.3496i	84.4114-209.4637i	47.2372+29.9524i	-0.6671-1.1324i	0.1770-0.4526i	-0.2402-4.3891i	7.8254-4.5932i	1.0027+2.7585i
65.7	75.7038-175.5183i	80.8988-217.1534i	50.4399+27.9742i	-0.7964-1.2156i	0.1932-0.4931i	-0.5359-4.5106i	7.8986-4.8349i	1.2236+2.8297i
65.8	74.7031-178.0070i	79.6123-219.9553i	53.9253+22.7996i	-0.7798-1.2213i	0.2138-0.5103i	-0.7600-4.4453i	7.9429-4.9489i	1.4288+2.8301i
65.9	72.1622-175.6106i	76.4716-216.7698i	57.2830+19.2875i	-0.7041-1.0471i	0.2238-0.5016i	-0.9386-4.2285i	7.7863-4.8936i	1.5424+2.7803i
66.0	63.9773-181.4936i	65.8371-223.8640i	59.6349+15.6436i	-0.9711-0.9657i	0.2282-0.5430i	-1.3802-4.1726i	7.6764-5.3075i	1.8380+2.7019i
66.1	60.9594-181.3591i	62.2020-223.6036i	60.9569+11.6221i	-0.9348-0.9540i	0.2355-0.5504i	-1.5499-3.9807i	7.5727-5.4032i	2.0304+2.5463i
66.2	56.0688-184.0582i	55.9774-226.7289i	63.8112+7.5186i	-1.0342-0.8674i	0.2415-0.5640i	-1.8382-3.7951i	7.4810-5.6215i	2.2654+2.3586i
66.3	53.0943-189.0526i	52.0255-232.8680i	64.5003+2.8220i	-1.2165-0.9002i	0.2514-0.5943i	-2.0782-3.6418i	7.5221-5.9470i	2.4708+2.1439i
66.4	48.9863-189.4328i	46.7977-233.2091i	65.9758-2.1310i	-1.2217-0.7027i	0.2747-0.5927i	-2.3130-3.3088i	7.4128-6.0771i	2.6400+1.8377i
66.5	41.8191-192.0772i	37.8304-236.3488i	64.3922-7.6407i	-1.3522-0.5334i	0.2808-0.6012i	-2.5668-3.0161i	7.2031-6.4214i	2.7785+1.5655i
66.6	36.7508-188.8004i	31.9552-232.1036i	62.7984-12.3780i	-1.2197-0.4340i	0.3179-0.6116i	-2.5278-2.6575i	6.9038-6.4800i	2.6938+1.2675i
66.7	34.8309-184.8724i	29.7396-227.1112i	62.2303-17.1256i	-1.1769-0.3316i	0.3534-0.6134i	-2.4570-2.3680i	6.6821-6.3781i	2.5765+0.9813i
66.8	30.2496-187.8500i	23.8096-230.6359i	61.3954-21.5643i	-1.1677-0.1893i	0.3740-0.6448i	-2.5091-2.0791i	6.5812-6.6890i	2.5070+0.7255i
66.9	23.3239-189.2495i	15.0427-232.1877i	59.4520-25.2139i	-1.2099-0.0001i	0.3984-0.6945i	-2.6004-1.8076i	6.3458-6.9646i	2.4760+0.4695i
67.0	22.3773-191.8782i	13.7084-235.4809i	57.3327-28.6285i	-1.2204+0.0871i	0.4361-0.7457i	-2.5706-1.6531i	6.3243-7.1154i	2.3843+0.3381i
67.1	17.1122-191.8462i	7.0050-235.2067i	55.6386-32.7935i	-1.1562+0.2071i	0.4466-0.7756i	-2.4692-1.3636i	6.0687-7.2772i	2.1900+0.1789i
67.2	11.1041-189.8767i	-0.3952-232.6047i	52.3516-35.8552i	-1.0402+0.3258i	0.4378-0.8153i	-2.3237-1.0850i	5.7100-7.3909i	1.9546-0.0205i
67.3	3.3928-188.0503i	-9.8191-230.2002i	48.7142-38.1624i	-1.0444+0.4253i	0.4341-0.8630i	-2.2483-0.8029i	5.3113-7.5341i	1.7723-0.1865i
67.4	-1.7933-188.7478i	-16.3600-230.6985i	46.8358-41.3121i	-0.9954+0.6758i	0.4336-0.9203i	-2.2190-0.5819i	5.1020-7.6922i	1.6572-0.2849i
67.5	-4.7190-187.9822i	-19.9011-229.7097i	44.6309-43.2751i	-0.9670+0.7664i	0.4292-0.9425i	-2.0763-0.5354i	4.9058-7.7188i	1.5854-0.2969i
67.6	-5.5322-187.7325i	-20.9556-229.6154i	43.6925-44.2902i	-0.9926+0.7760i	0.4561-0.9773i	-1.9917-0.5326i	4.8431-7.6940i	1.4682-0.2861i
67.7	-10.5003-185.8954i	-27.2359-227.0410i	39.9486-47.0408i	-0.9011+0.9743i	0.4495-1.0115i	-1.8950-0.3712i	4.5558-7.7552i	1.3034-0.3555i
67.8	-18.1275-186.3947i	-36.9654-227.2441i	36.3662-49.1388i	-0.8589+1.1441i	0.4328-1.0821i	-1.8192-0.2039i	4.2451-7.9523i	1.1346-0.4085i
67.9	-20.9545-181.7922i	-40.2442-221.7779i	34.3881-49.5358i	-0.7374+1.0853i	0.4271-1.1010i	-1.6542-0.0782i	3.9699-7.8253i	0.9439-0.4491i
68.0	-20.9448-180.0862i	-40.1704-219.8672i	31.8097-50.6132i	-0.6257+1.0730i	0.4306-1.1188i	-1.5133-0.0616i	3.8723-7.7329i	0.8509-0.4057i
68.1	-30.0739-178.4676i	-51.4500-217.1467i	27.9370-52.2304i	-0.5220+1.2934i	0.3862-1.1874i	-1.4275+0.1074i	3.4453-7.9235i	0.7192-0.4306i

68.2	-36.6778-171.7180i	-59.2379-208.5131i	24.3991-51.8531i	-0.3976+1.3044i	0.3309-1.2127i	-1.2212+0.2416i	2.9970-7.7995i	0.5295-0.3965i
68.3	-39.3211-171.6795i	-62.8137-208.3094i	22.9208-52.9273i	-0.3222+1.3695i	0.2974-1.2537i	-1.1301+0.2750i	2.8233-7.8564i	0.4001-0.3444i
68.4	-39.7185-171.6700i	-63.3963-208.2316i	21.4907-55.1616i	-0.1838+1.4953i	0.2939-1.2951i	-0.9944+0.2518i	2.8116-7.8410i	0.3031-0.2457i
68.5	-46.2354-164.5443i	-71.0505-199.1690i	17.8611-54.6039i	0.0312+1.5600i	0.2250-1.3217i	-0.8361+0.3294i	2.3731-7.7258i	0.1509-0.1144i
68.6	-48.4354-158.5910i	-73.8039-191.7122i	14.7556-53.6710i	0.0836+1.6336i	0.1850-1.3127i	-0.6452+0.3414i	2.1239-7.5723i	0.0836+0.0447i
68.7	-48.9210-159.6158i	-74.4318-193.1216i	12.5992-54.6450i	0.0550+1.4950i	0.1970-1.3317i	-0.6096+0.2345i	2.0956-7.5510i	0.0817+0.1476i
68.8	-51.1605-155.9670i	-77.1264-188.6119i	11.1696-54.4741i	0.1593+1.4894i	0.1610-1.3315i	-0.5421+0.2488i	1.8684-7.4702i	0.0047+0.2458i
68.9	-51.1245-152.2183i	-77.0661-184.1194i	9.2014-55.0910i	0.2644+1.5481i	0.1376-1.3218i	-0.4095+0.2550i	1.7506-7.3131i	0.0038+0.3366i
69.0	-51.2714-150.9096i	-77.2315-182.6734i	5.9549-55.0061i	0.3350+1.4770i	0.1400-1.3251i	-0.3412+0.1908i	1.6607-7.2337i	0.0593+0.4152i
69.1	-54.0264-148.9094i	-80.5585-179.8990i	2.1119-54.3813i	0.4628+1.5211i	0.1175-1.3479i	-0.2735+0.1778i	1.4521-7.2348i	0.0322+0.5167i
69.2	-54.2720-148.5062i	-81.0556-179.5551i	1.1504-54.4960i	0.5468+1.4639i	0.1123-1.3591i	-0.2061+0.1311i	1.3692-7.2015i	0.0334+0.6090i
69.3	-55.6413-144.5112i	-82.7432-174.7753i	-0.0207-54.2469i	0.5470+1.5164i	0.0908-1.3609i	-0.1580+0.1571i	1.1751-7.0183i	0.0751+0.6668i
69.4	-59.1415-141.1583i	-87.0695-170.2832i	-3.3085-53.7649i	0.6730+1.6153i	0.0445-1.3726i	-0.0846+0.1268i	0.9625-6.9557i	0.0726+0.7418i
69.5	-62.1384-140.3560i	-90.8207-169.2527i	-6.8225-52.5421i	0.7383+1.5657i	0.0368-1.3930i	-0.0504+0.1086i	0.7884-6.9241i	0.1601+0.7546i
69.6	-63.1522-135.7207i	-92.0118-163.6405i	-9.2385-51.6650i	0.8425+1.5315i	0.0027-1.3905i	0.0081+0.1176i	0.6101-6.7292i	0.2149+0.7950i
69.7	-63.1290-128.4692i	-91.5788-154.5606i	-10.8073-50.1237i	1.0150+1.5843i	-0.0291-1.3884i	0.1722+0.1685i	0.4176-6.4841i	0.1934+0.8299i
69.8	-64.8044-127.1943i	-93.8138-153.1017i	-12.1121-49.8330i	1.0435+1.6651i	-0.0509-1.3953i	0.2693+0.1800i	0.3174-6.4118i	0.1993+0.8621i
69.9	-65.1269-128.2757i	-94.4558-154.5649i	-13.9224-49.7119i	1.1090+1.5880i	-0.0601-1.4373i	0.3113+0.1291i	0.2843-6.3967i	0.2459+0.9148i
70.0	-65.3710-121.8203i	-94.4873-146.5975i	-16.5525-47.3098i	1.0943+1.4236i	-0.1089-1.3907i	0.4019+0.0604i	0.1138-6.1349i	0.3223+0.9112i
70.1	-66.8373-121.6683i	-96.7057-146.2778i	-18.8893-46.6051i	1.1633+1.4273i	-0.1293-1.4200i	0.5160+0.0104i	0.0391-6.1120i	0.3624+0.9781i
70.2	-72.1462-120.6869i	-103.3713-144.7915i	-21.4068-45.2576i	1.2942+1.4673i	-0.1663-1.4563i	0.5220+0.0237i	-0.1539-6.1108i	0.4230+0.9556i
70.3	-69.8626-117.1868i	-100.5431-140.5694i	-22.0467-42.6757i	1.3874+1.3667i	-0.1869-1.4249i	0.6175-0.0471i	-0.1644-5.9078i	0.4723+0.9459i
70.4	-68.1974-114.9723i	-98.5885-137.9614i	-23.4210-41.7614i	1.5199+1.2570i	-0.2146-1.4178i	0.7570-0.1234i	-0.1848-5.7523i	0.4545+0.9623i
70.5	-68.7499-111.4572i	-99.0834-133.7208i	-25.2740-40.4400i	1.5482+1.1463i	-0.2371-1.3976i	0.8042-0.1904i	-0.3002-5.5759i	0.5380+0.9742i
70.6	-68.1730-110.2935i	-98.5611-132.3356i	-25.3730-38.3818i	1.4565+1.1121i	-0.2287-1.3918i	0.8067-0.2292i	-0.2796-5.4815i	0.5483+0.9239i
70.7	-69.6631-107.5899i	-100.7317-128.7702i	-27.5211-37.6465i	1.6779+1.0929i	-0.2828-1.3771i	0.9699-0.2985i	-0.3816-5.3916i	0.5713+0.9226i
70.8	-69.1183-104.0044i	-99.9300-124.2838i	-28.3057-34.8910i	1.6503+0.9254i	-0.3043-1.3484i	1.0227-0.4413i	-0.4288-5.2172i	0.5848+0.9593i
70.9	-68.1099-102.1799i	-98.7407-122.1487i	-28.7186-33.2918i	1.6649+0.8197i	-0.3028-1.3257i	1.0874-0.5147i	-0.4386-5.0663i	0.5628+0.9458i
71.0	-68.1813-100.0513i	-98.9822-119.4426i	-28.5136-31.5179i	1.6452+0.8327i	-0.3157-1.3137i	1.0796-0.5733i	-0.4722-4.9356i	0.5677+0.8980i
71.1	-68.0655-96.0998i	-98.8219-114.5299i	-28.8220-30.3866i	1.6727+0.8802i	-0.3311-1.2995i	1.1816-0.6084i	-0.4958-4.8116i	0.5278+0.8610i
71.2	-65.2516-96.8542i	-95.5387-115.6967i	-30.0365-29.1080i	1.6783+0.7085i	-0.2962-1.2736i	1.2617-0.8705i	-0.4015-4.7173i	0.5381+0.9812i
71.3	-66.3740-96.4177i	-97.1230-114.9492i	-30.2774-27.2340i	1.6566+0.7159i	-0.2894-1.2793i	1.1817-1.0155i	-0.4058-4.6771i	0.5563+1.0150i
71.4	-65.6218-92.2978i	-96.1479-109.8676i	-30.3665-25.9897i	1.6338+0.7257i	-0.3079-1.2465i	1.2745-1.0851i	-0.4182-4.5275i	0.5614+1.0226i
71.5	-63.6594-90.5426i	-93.9539-107.9015i	-31.4654-25.6550i	1.7029+0.6128i	-0.3003-1.2153i	1.3932-1.1787i	-0.3964-4.4114i	0.5651+1.0407i
71.6	-64.3726-88.8100i	-95.0318-105.4679i	-32.1845-24.2282i	1.7241+0.5558i	-0.3222-1.2120i	1.3357-1.3164i	-0.4299-4.3626i	0.6273+1.0873i
71.7	-64.3579-86.9032i	-95.0108-102.9128i	-31.7286-22.0931i	1.6425+0.5787i	-0.3214-1.2104i	1.2514-1.4514i	-0.4431-4.2653i	0.6493+1.1004i
71.8	-63.6466-86.7350i	-94.1888-102.6734i	-31.4984-21.0219i	1.6037+0.5711i	-0.3071-1.2021i	1.1797-1.6037i	-0.4216-4.2101i	0.6973+1.1203i
71.9	-62.4098-82.8617i	-92.6638-97.8620i	-31.6991-19.5131i	1.6443+0.5169i	-0.3203-1.1687i	1.2203-1.7086i	-0.4486-4.0606i	0.7071+1.1415i
72.0	-61.7660-80.0983i	-92.0319-94.4160i	-32.6223-18.5978i	1.7633+0.5041i	-0.3359-1.1465i	1.3414-1.8002i	-0.4710-4.0015i	0.7055+1.2019i
72.1	-61.1793-80.0857i	-91.2460-94.0641i	-33.5210-17.0976i	1.7007+0.2961i	-0.3158-1.1487i	1.2216-2.0750i	-0.4530-3.9603i	0.7867+1.2633i
72.2	-60.9864-79.6656i	-91.2634-93.2731i	-33.0597-15.0837i	1.5966+0.4003i	-0.2993-1.1757i	1.0734-2.1846i	-0.4157-3.9562i	0.8538+1.2605i
72.3	-61.0841-80.1774i	-91.6414-93.8197i	-32.7648-14.4441i	1.6038+0.4560i	-0.2855-1.1876i	0.9138-2.3053i	-0.4088-3.9592i	0.9407+1.2549i
72.4	-60.8097-78.4490i	-91.3603-91.5312i	-32.9973-13.4235i	1.6042+0.3906i	-0.2939-1.1619i	0.8317-2.3835i	-0.4303-3.8822i	1.0103+1.2276i
72.5	-59.4740-79.9358i	-90.0792-93.4642i	-33.0388-12.4546i	1.5051+0.4448i	-0.2443-1.1934i	0.6749-2.5497i	-0.3325-3.8802i	1.0622+1.2711i
72.6	-58.4008-79.5309i	-88.8300-93.1515i	-32.5796-11.9818i	1.5651+0.3686i	-0.2338-1.1686i	0.5903-2.6038i	-0.3203-3.8121i	1.0856+1.2850i
72.7	-59.9075-76.6688i	-90.5326-89.3750i	-32.2264-10.6962i	1.5660+0.3353i	-0.2770-1.1740i	0.4614-2.5453i	-0.4166-3.7618i	1.1621+1.2557i
72.8	-58.1054-75.4282i	-88.1934-87.7161i	-32.3734-9.4085i	1.6381+0.2994i	-0.2625-1.1684i	0.4069-2.6286i	-0.3992-3.6947i	1.1660+1.2592i
72.9	-57.5632-74.1910i	-87.5116-85.9202i	-31.7784-7.9855i	1.5936+0.2691i	-0.2630-1.1607i	0.2234-2.6932i	-0.4177-3.6396i	1.2608+1.2232i
73.0	-57.6739-73.9075i	-87.7098-85.5025i	-31.7327-7.1210i	1.5538+0.3603i	-0.2405-1.1794i	0.0658-2.6495i	-0.3921-3.6237i	1.3537+1.1811i
73.1	-57.1265-74.2900i	-87.3537-85.7359i	-32.3800-5.7972i	1.5939+0.2999i	-0.2366-1.1973i	-0.0569-2.7728i	-0.3802-3.6194i	1.4763+1.2007i
73.2	-57.2990-73.2610i	-87.5177-84.2121i	-31.2152-4.0019i	1.3667+0.3295i	-0.2364-1.2167i	-0.2629-2.8003i	-0.3896-3.5808i	1.5741+1.1406i
73.3	-57.1363-72.4416i	-87.4980-83.1715i	-31.6237-3.3243i	1.4879+0.4418i	-0.2331-1.2299i	-0.2716-2.8424i	-0.3893-3.5739i	1.6119+1.1546i
73.4	-55.8679-71.7733i	-85.6170-82.4656i	-30.5793-2.9529i	1.4764+0.3673i	-0.2237-1.2073i	-0.4112-2.8137i	-0.3694-3.4819i	1.6900+1.0901i
73.5	-54.2135-71.3123i	-83.3441-81.7613i	-29.4003-1.2155i	1.2909+0.2159i	-0.2146-1.1978i	-0.6357-2.8581i	-0.3803-3.3827i	1.8090+1.0381i
73.6	-55.1292-69.5763i	-84.4254-79.3827i	-29.3813-0.1328i	1.3414+0.2639i	-0.2283-1.2008i	-0.7636-2.7539i	-0.4191-3.3508i	1.8849+0.9649i
73.7	-55.2146-70.0500i	-84.7950-80.0950i	-28.4579+0.5903i	1.2007+0.4445i	-0.2029-1.2281i	-0.9539-2.6364i	-0.3441-3.3395i	1.9465+0.8043i
73.8	-53.5092-68.0445i	-82.6786-77.5059i	-28.9242+1.3622i	1.2382+0.2362i	-0.2012-1.2034i	-0.9477-2.6959i	-0.3232-3.2427i	2.0588+0.7805i
73.9	-54.9247-66.3218i	-84.5045-75.1748i	-28.8502+1.1780i	1.3453+0.1919i	-0.2218-1.1790i	-0.9033-2.5246i	-0.3786-3.1752i	2.0345+0.6497i
74.0	-55.0375-66.5800i	-84.6093-75.2426i	-27.7912+2.6750i	1.2637+0.3163i	-0.2322-1.2303i	-1.1092-2.4313i	-0.3828-3.2224i	2.0656+0.4449i
74.1	-54.4385-64.8770i	-83.8283-72.7808i	-28.1964+4.4277i	1.2424+0.2997i	-0.2217-1.2289i	-1.1599-2.4936i	-0.3534-3.2067i	2.1401+0.3578i
74.2	-53.6103-64.1448i	-82.6326-71.7959i	-26.5942+5.1853i	1.1961+0.4365i	-0.2071-1.2130i	-1.2293-2.3729i	-0.3442-3.1686i	2.0953+0.1814i
74.3	-51.2535-64.9340i	-79.4116-73.0362i	-24.7709+6.3721i	1.0442+0.4362i	-0.1798-1.2296i	-1.4012-2.3384i	-0.2943-3.1653i	2.1119+0.0215i
74.4	-52.6481-64.3232i	-81.2935-72.1598i	-25.4988+6.2527i	1.1310+0.3679i	-0.1761-1.2334i	-1.3837-2.2527i	-0.3030-3.1445i	2.0603-0.0718i

74.5	-53.3063-62.5620i	-82.2172-69.6175i	-25.3132+7.1807i	1.1361+0.4157i	-0.1756-1.2513i	-1.3572-2.2111i	-0.3439-3.1157i	1.9898-0.1532i
74.6	-51.3453-63.0168i	-79.7344-70.4076i	-24.7086+8.7628i	0.8908+0.3612i	-0.1257-1.2650i	-1.5297-2.2816i	-0.2835-3.0949i	1.9730-0.2943i
74.7	-52.6243-62.5084i	-81.5457-69.5874i	-25.4837+8.4458i	0.9612+0.4522i	-0.1359-1.2775i	-1.3979-2.2313i	-0.2730-3.0816i	1.8190-0.3297i
74.8	-51.9432-60.7231i	-80.8120-67.4769i	-24.7527+9.3451i	1.0129+0.5966i	-0.1360-1.2932i	-1.3588-2.2270i	-0.2934-3.0584i	1.7320-0.3566i
74.9	-51.4673-60.6199i	-79.8811-67.3882i	-22.9395+10.2279i	0.9242+0.6236i	-0.1172-1.3225i	-1.5390-2.2336i	-0.3185-3.0441i	1.6616-0.4006i
75.0	-50.8151-59.3242i	-78.9448-65.6694i	-22.4702+10.3082i	0.8779+0.6016i	-0.1203-1.3113i	-1.5171-2.2464i	-0.3245-2.9686i	1.6097-0.3663i
75.1	-51.1878-58.1000i	-79.4929-64.2378i	-21.7350+11.0347i	0.8540+0.6999i	-0.1149-1.3218i	-1.5586-2.1871i	-0.3590-2.9054i	1.4620-0.4584i
75.2	-50.9160-58.5185i	-79.0823-64.9331i	-20.5418+11.6517i	1.0575+0.8390i	-0.1254-1.3630i	-1.7044-2.1590i	-0.3776-2.9557i	1.3794-0.5344i
75.3	-51.0947-57.3463i	-79.1150-63.3253i	-19.9835+12.0101i	1.0843+0.9304i	-0.1392-1.4017i	-1.7446-2.1706i	-0.4034-2.9354i	1.3509-0.5189i
75.4	-51.2088-57.3612i	-79.5796-63.5728i	-19.2732+11.6902i	1.0904+1.0243i	-0.1262-1.4240i	-1.8150-2.1353i	-0.3980-2.8719i	1.2526-0.4587i
75.5	-50.8452-56.2251i	-79.2130-62.0240i	-18.8700+12.9285i	1.0706+0.9482i	-0.1284-1.4165i	-1.9135-2.2013i	-0.4050-2.8102i	1.2342-0.4479i
75.6	-50.5196-54.9310i	-78.7781-60.3988i	-18.4381+13.4073i	0.9086+1.2058i	-0.1173-1.4420i	-1.9747-2.1264i	-0.3760-2.7887i	1.1610-0.4537i
75.7	-49.3607-54.8666i	-77.2945-60.7349i	-17.7137+13.4134i	1.0424+1.2441i	-0.1255-1.4421i	-2.1307-2.1411i	-0.3758-2.7524i	1.1719-0.4306i
75.8	-49.4750-53.9437i	-77.5254-59.4648i	-16.4296+14.1959i	1.1998+1.2918i	-0.1472-1.4539i	-2.2822-2.1126i	-0.3991-2.7252i	1.1725-0.4213i
75.9	-48.7954-53.4395i	-76.7924-58.8811i	-14.7604+13.5507i	1.3920+1.4983i	-0.1685-1.4721i	-2.3283-1.9136i	-0.3844-2.7084i	1.1048-0.4171i
76.0	-47.3673-52.8936i	-75.0754-58.4202i	-14.8819+14.0993i	1.3033+1.4511i	-0.1314-1.4975i	-2.3891-1.9740i	-0.3483-2.6531i	1.0980-0.4013i
76.1	-47.8375-52.1784i	-75.7778-57.1524i	-14.7964+15.2697i	1.3281+1.4348i	-0.1290-1.5410i	-2.5382-2.0046i	-0.3483-2.6683i	1.1262-0.4175i
76.2	-47.7146-51.2476i	-75.6434-56.0909i	-14.4966+15.0697i	1.4275+1.3227i	-0.1271-1.5508i	-2.5701-1.8812i	-0.3356-2.6196i	1.1071-0.4096i
76.3	-46.6065-50.0205i	-74.2186-54.6917i	-13.6831+15.2133i	1.4438+1.3161i	-0.1370-1.5422i	-2.6589-1.7974i	-0.3521-2.5554i	1.1094-0.4060i
76.4	-46.4053-49.2417i	-74.2540-53.8415i	-12.6520+15.3855i	1.4771+1.4376i	-0.1599-1.5806i	-2.7870-1.5902i	-0.3455-2.5072i	1.0774-0.4033i
76.5	-44.4576-49.1632i	-72.0568-53.8881i	-12.8275+14.9581i	1.7022+1.4063i	-0.1474-1.5693i	-2.6783-1.5892i	-0.2694-2.4631i	1.1010-0.3873i
76.6	-44.5953-48.4572i	-72.2039-52.9101i	-11.8046+15.1101i	1.7285+1.3599i	-0.1579-1.5793i	-2.7650-1.4965i	-0.2857-2.4302i	1.0423-0.4693i
76.7	-44.3595-47.5326i	-72.3137-51.5676i	-10.4787+15.6713i	1.5626+1.5907i	-0.1713-1.6397i	-2.8535-1.2758i	-0.2256-2.4252i	0.9618-0.4696i
76.8	-43.4293-47.7593i	-71.4156-51.9996i	-9.4691+15.2880i	1.7938+1.6761i	-0.1787-1.6386i	-2.9180-1.1801i	-0.2096-2.4148i	0.9802-0.4931i
76.9	-42.6572-46.8495i	-70.3422-50.9469i	-9.2039+15.2654i	1.9410+1.3966i	-0.1659-1.6380i	-2.9655-1.1136i	-0.1967-2.3521i	0.9777-0.5263i
77.0	-42.2146-46.3997i	-70.0044-50.1493i	-8.1075+15.8895i	2.0900+1.4203i	-0.1847-1.7026i	-3.0239-0.9347i	-0.1615-2.3704i	0.9918-0.5520i
77.1	-41.7744-45.2436i	-69.5404-48.5754i	-7.3501+16.9523i	2.1350+1.4589i	-0.2008-1.7293i	-3.1038-0.8738i	-0.1564-2.3520i	0.9450-0.5881i
77.2	-41.0420-44.6357i	-69.0131-47.8455i	-7.3021+16.7193i	1.9748+1.5052i	-0.1734-1.7433i	-3.0613-0.7219i	-0.0789-2.3123i	0.8784-0.6015i
77.3	-40.7050-43.6217i	-68.5326-46.4715i	-6.4564+16.4217i	2.0126+1.5626i	-0.2055-1.7706i	-3.0719-0.6255i	-0.0388-2.3070i	0.8229-0.6028i
77.4	-39.9819-43.8859i	-67.9604-46.7129i	-6.2962+16.1901i	2.1287+1.4634i	-0.1759-1.8077i	-3.0518-0.5821i	-0.0267-2.3080i	0.7925-0.5799i
77.5	-39.2111-43.7568i	-67.2789-46.5671i	-5.0613+16.7661i	2.2162+1.5206i	-0.2260-1.8512i	-3.1626-0.4164i	-0.0259-2.3399i	0.7637-0.5902i
77.6	-38.2565-42.5457i	-66.0559-45.4682i	-4.1148+17.2234i	2.2660+1.5802i	-0.2557-1.8107i	-3.2066-0.3272i	-0.0196-2.2832i	0.7120-0.6290i
77.7	-36.9765-42.6002i	-64.9638-45.4594i	-3.7098+16.2905i	2.4019+1.4502i	-0.2032-1.8530i	-3.0784-0.1410i	0.0368-2.2564i	0.6795-0.5852i
77.8	-36.4626-41.7142i	-64.2769-43.9682i	-2.6331+16.1610i	2.4644+1.4013i	-0.2624-1.8857i	-3.0072-0.0376i	0.0175-2.2724i	0.6412-0.5940i
77.9	-35.5574-41.7772i	-63.7146-43.8258i	-2.6228+16.2338i	2.4235+1.4418i	-0.2079-1.9101i	-3.0141-0.0482i	0.1078-2.2760i	0.6028-0.5231i
78.0	-35.0796-42.2047i	-63.5356-44.2333i	-2.4372+16.1313i	2.2984+1.3813i	-0.1859-1.9916i	-3.0377+0.0528i	0.1723-2.2534i	0.5684-0.4932i
78.1	-34.4307-41.1640i	-62.3963-42.7613i	-2.0945+15.7085i	2.4011+1.5342i	-0.2654-1.9972i	-2.8594+0.1218i	0.1645-2.2632i	0.5447-0.4320i
78.2	-33.8597-41.5875i	-62.1625-43.0155i	-1.2647+15.8919i	2.6758+1.5324i	-0.3093-2.0678i	-2.9157+0.1881i	0.1850-2.3173i	0.5192-0.4281i
78.3	-33.7728-42.0663i	-62.5589-43.2114i	-0.5911+16.2139i	2.6494+1.3045i	-0.3400-2.1377i	-3.0054+0.2726i	0.2068-2.3353i	0.5791-0.4298i
78.4	-32.5276-40.9015i	-61.0040-41.8374i	0.4346+16.1919i	2.5499+1.4305i	-0.3360-2.1533i	-2.9605+0.3607i	0.2826-2.2838i	0.5677-0.3880i
78.5	-31.0029-40.7654i	-59.5827-41.5745i	0.6787+15.4737i	2.7101+1.3796i	-0.2876-2.1751i	-2.8394+0.4336i	0.3581-2.2535i	0.5085-0.3060i
78.6	-30.6198-40.0725i	-58.7969-40.1494i	1.6944+15.1844i	2.8850+1.2403i	-0.3846-2.1935i	-2.7762+0.5624i	0.3101-2.2650i	0.4936-0.2638i
78.7	-30.2588-40.2465i	-58.6305-40.4840i	2.5562+14.9600i	2.9036+1.1358i	-0.4329-2.1640i	-2.8018+0.6476i	0.3331-2.2456i	0.5295-0.2783i
78.8	-28.4424-40.2512i	-56.8743-40.3850i	3.4874+14.3458i	2.9198+1.0521i	-0.3881-2.2111i	-2.7185+0.7871i	0.4374-2.2398i	0.5069-0.2536i
78.9	-27.6025-39.8605i	-56.0937-40.0771i	4.9317+13.7068i	3.0781+0.6097i	-0.3733-2.2053i	-2.6414+0.8990i	0.4387-2.2230i	0.5014-0.2527i
79.0	-26.3568-39.6508i	-55.6651-38.8115i	4.2786+11.8901i	1.5023+0.4486i	-0.1817-2.3552i	-2.3857+0.8824i	0.8356-2.0042i	0.4629-0.1468i
79.1	-24.5178-42.3062i	-53.7931-40.5183i	2.4641+13.0556i	1.7834+2.7735i	-0.3107-2.7245i	-2.6189+0.6193i	1.3135-2.5956i	0.6241-0.1165i
79.2	-24.3063-42.9890i	-52.6001-41.5156i	3.0743+13.9268i	3.1518+2.3860i	-0.5037-2.6594i	-2.7497+0.7762i	1.0122-2.8733i	0.6575-0.2146i
79.3	-24.4639-42.0920i	-52.1748-40.3752i	4.8227+13.2141i	3.2668+1.5131i	-0.5726-2.5929i	-2.6127+1.0972i	0.8312-2.8867i	0.5620-0.2518i
79.4	-23.5186-42.5964i	-51.2656-40.8144i	5.9112+13.1857i	3.3649+1.5355i	-0.5954-2.6274i	-2.5914+1.2071i	0.8294-2.9618i	0.5486-0.2536i
79.5	-23.1519-42.5485i	-50.5523-40.5022i	6.2619+13.1578i	3.3496+1.4516i	-0.6572-2.6595i	-2.5623+1.2593i	0.7560-3.0458i	0.5995-0.2211i
79.6	-22.8495-42.1239i	-49.9870-39.3231i	7.7187+12.8512i	3.3841+1.3075i	-0.7542-2.6892i	-2.4434+1.4223i	0.6589-3.1347i	0.5950-0.1956i
79.7	-22.2281-43.2631i	-49.7144-40.5065i	8.2250+11.5000i	3.4133+1.0782i	-0.7752-2.7745i	-2.3120+1.5265i	0.6219-3.2166i	0.5881-0.1877i
79.8	-21.7551-43.9560i	-48.8077-40.9974i	8.4367+10.9394i	3.3191+1.1574i	-0.8824-2.8585i	-2.1989+1.5105i	0.5794-3.3164i	0.6412-0.1322i
79.9	-21.4977-43.3933i	-47.6171-40.3552i	8.9506+10.5699i	3.2957+1.2208i	-1.0244-2.8780i	-2.0589+1.5671i	0.4494-3.3888i	0.6791-0.1289i
80.0	-21.3932-43.8555i	-47.5115-40.6948i	8.8526+10.1873i	3.3618+1.2537i	-1.1364-2.9671i	-1.9998+1.5961i	0.3822-3.5077i	0.7589-0.0965i

2.1.2 Run 1 – IP000 – Accels 9–16

In-plane shaking at 0°. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	-3.9544+0.0000i	-11.7614+0.0000i	-5.7889+0.0000i	10.9718+0.0000i	7.7898+0.0000i	1.5678+0.0000i	0.0614+0.0000i	22.6790+0.0000i
0.1	1.1809-11.0638i	-1.1835+2.0014i	-9.7023+1.2161i	-12.3488+4.7733i	-9.8583+6.2638i	4.9346-0.6031i	-1.1272+2.7995i	0.0544-0.7122i
0.2	0.9544-2.5741i	-0.0371+0.1061i	1.5487+0.6509i	0.1238+0.0713i	-2.6333+0.3895i	0.3671-0.2237i	-0.2837+3.5221i	-0.4820-1.1776i
0.3	0.2930+0.2461i	0.4145+0.1915i	-0.6583-0.7043i	-0.8362-0.2589i	-0.2520-0.4729i	0.7660+0.3832i	-2.6491-4.2039i	0.3442+0.7694i
0.4	-2.1040-0.4694i	-0.3720-0.1138i	0.8296+0.7573i	1.0528-0.1996i	1.1925+0.2002i	-0.0902-0.5686i	7.1891+1.0325i	-1.2413+0.1007i
0.5	-0.1571-0.1706i	-0.2782-1.0489i	-1.4410-0.4289i	0.3392-0.5004i	-1.0926-0.3402i	-2.2986+1.0117i	-7.7518-0.0593i	-0.9482+1.0150i
0.6	-3.3567-1.2447i	-0.5785+1.1743i	-1.1781-2.0325i	0.1332-2.8499i	-0.2807-1.1768i	-0.7470-1.0072i	26.1436+3.7251i	0.7876+0.5073i
0.7	0.1419-0.2250i	0.1209-0.2371i	0.0402+0.1623i	0.3224+0.1479i	0.3674+0.3030i	-0.0649-0.2633i	-5.7165-0.8544i	-0.0806+0.0126i
0.8	0.2586+0.0098i	0.0978-0.0415i	-0.2670+0.0373i	-0.0644+0.1465i	-0.1073+0.1052i	-0.0281+0.1559i	-1.7029-0.5663i	-0.0770+0.0525i
0.9	0.0012+0.0270i	-0.0781-0.2027i	-0.1474-0.0536i	-0.1240+0.0210i	-0.0917-0.0820i	-0.1307-0.0736i	0.5999+1.1121i	-0.0843-0.0799i
1.0	-0.0278+0.0280i	-0.0960-0.1516i	-0.0993-0.0158i	-0.0206+0.0350i	-0.0194+0.0072i	-0.0724-0.0496i	-1.4387-0.1704i	-0.0498+0.0205i
1.1	-0.0692-0.0361i	-0.1945-0.0821i	-0.1246-0.0117i	0.0017-0.0033i	-0.0211-0.0243i	-0.1325-0.0036i	0.2722+0.0319i	-0.0434+0.0013i
1.2	-0.0196+0.0158i	-0.3276-0.0108i	-0.1579-0.0224i	0.0410-0.0309i	-0.0244-0.0164i	-0.1864+0.0031i	0.0302-0.2226i	-0.0528+0.0096i
1.3	0.0364+0.0545i	-0.4769-0.0080i	-0.2573-0.0173i	-0.1210-0.0472i	-0.0103+0.0051i	-0.1930-0.0267i	0.2196-0.0228i	-0.0842-0.0264i
1.4	0.0237+0.0067i	-0.5726+0.0008i	-0.2842-0.0054i	-0.1147+0.0378i	-0.0430+0.0148i	-0.2343-0.0221i	-0.5454+0.3189i	-0.0631-0.0041i
1.5	0.0887-0.0451i	-0.6311+0.0013i	-0.4443+0.0359i	-0.4775+0.2196i	-0.0574-0.0183i	-0.2383-0.0579i	-0.5323+0.2303i	-0.0957+0.0056i
1.6	-0.0387-0.0715i	-0.7638-0.0429i	-0.3509+0.0224i	0.3856+0.2885i	-0.0608-0.0280i	-0.4952-0.0689i	0.3560+0.1902i	-0.1182-0.0025i
1.7	0.0022-0.0349i	-0.9269-0.0696i	-0.5160+0.0034i	0.1883+0.0281i	-0.0787-0.0163i	-0.5556-0.0324i	0.2013-0.0452i	-0.1342-0.0117i
1.8	0.0210-0.0147i	-1.1473-0.0519i	-0.6946-0.0097i	0.1867+0.0021i	-0.1058-0.0236i	-0.7261-0.0188i	0.1600+0.0693i	-0.1657-0.0096i
1.9	0.0314-0.0434i	-1.4690-0.0371i	-0.9521+0.0098i	0.2123-0.0423i	-0.1422-0.0191i	-0.9745-0.0021i	0.2112-0.0985i	-0.2136-0.0032i
2.0	0.0494-0.0934i	-1.9763-0.0100i	-1.3719+0.0310i	0.2602-0.1454i	-0.1959-0.0310i	-1.3952+0.0356i	0.2656-0.1692i	-0.2948-0.0016i
2.1	0.0352-0.3798i	-2.9002+0.1483i	-2.1576+0.1541i	0.2768-0.6642i	-0.2692+0.0003i	-2.1713+0.2154i	0.3265-0.6334i	-0.4296+0.0137i
2.2	-0.8104-0.1105i	-5.4780+0.8340i	-4.5604+0.8626i	-1.1447-0.2103i	-0.4805+0.0073i	-4.3399+0.8134i	-0.9723-0.0193i	-0.8388+0.1208i
2.3	0.2515+1.0351i	-4.4979+18.2458i	-3.2351+16.7367i	0.7518+0.7295i	-0.7717+1.4561i	-3.3955+16.3303i	0.9856+0.7957i	-0.6603+2.7608i
2.4	0.2174+0.0478i	4.8758+2.0574i	5.0955+1.8090i	0.0939-0.0662i	0.3646+0.2815i	4.9334+1.8314i	0.2776-0.1544i	0.7317+0.3076i
2.5	0.0587-0.0085i	2.4589+0.6643i	2.8722+0.5708i	-0.0386-0.0765i	0.1441+0.1297i	2.8133+0.5840i	-0.0897-0.1242i	0.3604+0.0945i
2.6	0.0313-0.0099i	1.5589+0.3811i	2.0970+0.2982i	-0.0356-0.0519i	0.0846+0.0688i	2.0418+0.3270i	-0.0044-0.1217i	0.2212+0.0557i
2.7	0.0138-0.0099i	1.0235+0.2582i	1.6652+0.2106i	-0.0318-0.0394i	0.0316+0.0648i	1.6130+0.2263i	0.0310-0.0150i	0.1366+0.0347i
2.8	0.0058-0.0082i	0.6706+0.1824i	1.4054+0.1662i	-0.0315-0.0277i	-0.0069+0.0495i	1.3641+0.1720i	-0.0517-0.0139i	0.0885+0.0249i
2.9	0.0067-0.0073i	0.4034+0.1352i	1.2290+0.1235i	-0.0301-0.0218i	-0.0359+0.0376i	1.1950+0.1360i	0.0202-0.0569i	0.0477+0.0192i
3.0	0.0061-0.0024i	0.2082+0.1143i	1.1100+0.1055i	-0.0209-0.0162i	-0.0571+0.0386i	1.0721+0.1151i	-0.0331+0.0089i	0.0122+0.0182i
3.1	0.0026-0.0027i	0.0354+0.0999i	1.0166+0.1002i	-0.0231-0.0124i	-0.0810+0.0379i	0.9845+0.1075i	-0.0317-0.0172i	-0.0158+0.0141i
3.2	0.0012-0.0024i	-0.1140+0.0855i	0.9481+0.0887i	-0.0228-0.0135i	-0.1039+0.0352i	0.9197+0.0970i	0.0075-0.0441i	-0.0415+0.0143i
3.3	0.0020-0.0040i	-0.2514+0.0741i	0.8960+0.0799i	-0.0197-0.0135i	-0.1227+0.0329i	0.8654+0.0904i	-0.0161+0.0037i	-0.0660+0.0112i
3.4	0.0019-0.0001i	-0.3842+0.0626i	0.8517+0.0750i	-0.0171-0.0099i	-0.1443+0.0346i	0.8213+0.0826i	0.0266-0.0211i	-0.0893+0.0096i
3.5	-0.0010-0.0034i	-0.5152+0.0449i	0.8113+0.0638i	-0.0187-0.0098i	-0.1695+0.0305i	0.7836+0.0725i	0.0014+0.0056i	-0.1132+0.0068i
3.6	0.0017-0.0021i	-0.6332+0.0418i	0.7800+0.0642i	-0.0162-0.0116i	-0.1870+0.0313i	0.7526+0.0716i	-0.0087+0.0148i	-0.1373+0.0067i
3.7	-0.0004-0.0041i	-0.7509+0.0364i	0.7497+0.0602i	-0.0161-0.0087i	-0.2143+0.0314i	0.7254+0.0693i	-0.0054+0.0051i	-0.1651+0.0077i
3.8	0.0019-0.0005i	-0.8680+0.0308i	0.7256+0.0537i	-0.0169-0.0071i	-0.2356+0.0292i	0.6992+0.0662i	-0.0360+0.0167i	-0.1912+0.0048i
3.9	-0.0028-0.0017i	-0.9806+0.0302i	0.7070+0.0553i	-0.0159-0.0060i	-0.2614+0.0329i	0.6782+0.0659i	-0.0263-0.0723i	-0.2167+0.0047i
4.0	0.0024-0.0020i	-1.0982+0.0269i	0.6913+0.0558i	-0.0114-0.0066i	-0.2864+0.0321i	0.6618+0.0642i	0.0573+0.0050i	-0.2447+0.0056i
4.1	-0.0012+0.0012i	-1.2393+0.0381i	0.6738+0.0560i	-0.0126-0.0027i	-0.3192+0.0355i	0.6460+0.0656i	0.0155+0.0127i	-0.2780+0.0049i
4.2	0.0030-0.0045i	-1.3628+0.0422i	0.6557+0.0570i	-0.0117-0.0076i	-0.3503+0.0387i	0.6301+0.0659i	0.0164+0.0205i	-0.3069+0.0068i
4.3	0.0015-0.0023i	-1.4930+0.0205i	0.6368+0.0606i	-0.0103-0.0047i	-0.3841+0.0378i	0.6125+0.0674i	0.0005+0.0097i	-0.3420+0.0056i
4.4	0.0080-0.0068i	-1.6334+0.0261i	0.6288+0.0545i	-0.0068-0.0124i	-0.4218+0.0384i	0.6024+0.0668i	-0.0307+0.0218i	-0.3786+0.0118i
4.5	0.0002-0.0050i	-1.7383+0.0494i	0.6262+0.0658i	-0.0153-0.0103i	-0.4503+0.0506i	0.5986+0.0757i	-0.0443+0.0148i	-0.4113+0.0138i
4.6	0.0028-0.0053i	-1.8763+0.0423i	0.6060+0.0655i	-0.0180-0.0073i	-0.4996+0.0468i	0.5859+0.0743i	0.0239-0.0942i	-0.4523+0.0117i
4.7	0.0105-0.0027i	-2.0353+0.0329i	0.6043+0.0559i	-0.0100-0.0098i	-0.5368+0.0483i	0.5754+0.0712i	-0.0203+0.0057i	-0.4979+0.0160i
4.8	0.0087-0.0010i	-2.1741+0.0280i	0.5952+0.0704i	-0.0121-0.0034i	-0.5823+0.0570i	0.5704+0.0731i	0.0367-0.0399i	-0.5478+0.0165i
4.9	0.0094+0.0052i	-2.3019+0.0280i	0.5811+0.0705i	-0.0112-0.0012i	-0.6396+0.0551i	0.5568+0.0835i	0.0516-0.0293i	-0.5957+0.0161i
5.0	0.0094-0.0032i	-2.4654+0.0488i	0.5701+0.0737i	-0.0108-0.0104i	-0.7041+0.0634i	0.5530+0.0855i	0.0166+0.0428i	-0.6582+0.0263i
5.1	0.0140+0.0017i	-2.6484+0.0718i	0.5670+0.0762i	-0.0000-0.0157i	-0.7536+0.0706i	0.5400+0.0953i	0.0731-0.0116i	-0.7183+0.0313i
5.2	0.0078-0.0007i	-2.8410+0.0978i	0.5565+0.0922i	-0.0126-0.0140i	-0.8300+0.0893i	0.5276+0.1025i	-0.0073-0.0107i	-0.7912+0.0471i
5.3	0.0129-0.0035i	-3.0257+0.1304i	0.5507+0.1006i	-0.0077-0.0178i	-0.9148+0.1037i	0.5233+0.1144i	-0.0178+0.0384i	-0.8628+0.0619i
5.4	0.0101-0.0013i	-3.1957+0.1552i	0.5500+0.1232i	-0.0008-0.0123i	-0.9934+0.1427i	0.5148+0.1330i	-0.0051-0.0389i	-0.9473+0.0838i
5.5	0.0101-0.0051i	-3.3704+0.1915i	0.5460+0.1372i	-0.0069-0.0236i	-1.0833+0.1657i	0.5221+0.1514i	-0.0260-0.0482i	-1.0325+0.1075i
5.6	0.0156-0.0090i	-3.5282+0.2205i	0.5457+0.1442i	-0.0080-0.0315i	-1.1644+0.1885i	0.5200+0.1632i	0.0462-0.0304i	-1.1155+0.1398i

5.7	0.0171-0.0100i	-3.7262+0.2432i	0.5799+0.1537i	-0.0071-0.0358i	-1.2602+0.2222i	0.5453+0.1726i	-0.0020-0.1083i	-1.2172+0.1672i
5.8	0.0197-0.0136i	-3.9192+0.3145i	0.5606+0.1805i	-0.0099-0.0378i	-1.3671+0.3143i	0.5326+0.1985i	-0.0034-0.0749i	-1.3278+0.2456i
5.9	0.0177-0.0154i	-4.0851+0.3432i	0.6065+0.2019i	-0.0223-0.0471i	-1.4337+0.3678i	0.5751+0.2263i	0.1018-0.1155i	-1.3914+0.2832i
6.0	0.0110-0.0187i	-4.2634+0.3591i	0.6188+0.2010i	-0.0366-0.0476i	-1.5348+0.3970i	0.5906+0.2218i	0.0749+0.0016i	-1.4907+0.3068i
6.1	0.0137-0.0111i	-4.4747+0.3632i	0.6362+0.1795i	-0.0486-0.0378i	-1.6610+0.4027i	0.6130+0.2032i	-0.1083+0.0400i	-1.6205+0.3102i
6.2	0.0097-0.0155i	-4.7032+0.3442i	0.6505+0.1856i	-0.0528-0.0361i	-1.8330+0.4249i	0.6220+0.2108i	-0.0586-0.1197i	-1.8074+0.3207i
6.3	0.0186-0.0053i	-4.9931+0.3740i	0.6507+0.1787i	-0.0649-0.0240i	-2.0513+0.4727i	0.6299+0.1951i	-0.0279-0.0608i	-2.0249+0.3597i
6.4	0.0216+0.0003i	-5.2855+0.4259i	0.6547+0.1697i	-0.0591-0.0151i	-2.3204+0.5368i	0.6317+0.1913i	0.0324-0.0038i	-2.3070+0.4295i
6.5	0.0374-0.0028i	-5.6136+0.4911i	0.6792+0.1806i	-0.0614-0.0105i	-2.6407+0.6503i	0.6605+0.1957i	0.0072-0.0735i	-2.6389+0.5450i
6.6	0.0406-0.0015i	-6.0101+0.6070i	0.6778+0.1857i	-0.0719-0.0069i	-3.0662+0.8225i	0.6545+0.1993i	-0.0359+0.0655i	-3.0621+0.7129i
6.7	0.0505-0.0108i	-6.4408+0.7464i	0.7086+0.1926i	-0.0747-0.0086i	-3.5679+1.1398i	0.6860+0.2084i	0.1080-0.1096i	-3.5811+1.0326i
6.8	0.0618-0.0112i	-6.8297+1.0006i	0.7526+0.2125i	-0.0841+0.0098i	-4.1370+1.6374i	0.7256+0.2212i	-0.0325-0.0044i	-4.1637+1.5159i
6.9	0.0702-0.0239i	-7.3738+1.3331i	0.8016+0.1889i	-0.1025+0.0168i	-4.9320+2.3564i	0.7668+0.2064i	-0.0473+0.0428i	-4.9658+2.2424i
7.0	0.1030-0.0488i	-8.0453+2.0776i	0.8607+0.1472i	-0.1027+0.0490i	-5.9584+4.0445i	0.8100+0.1574i	0.0829-0.0915i	-6.0086+3.9403i
7.1	0.1081-0.1060i	-8.1108+3.5797i	0.9232+0.0633i	-0.1103+0.0872i	-5.8654+7.4719i	0.8642+0.1119i	0.0247-0.0036i	-5.9553+7.3734i
7.2	0.0448-0.1418i	-6.4627+4.7694i	0.8753-0.0704i	-0.0411+0.1644i	-1.6759+10.5282i	0.8382-0.0025i	-0.1438-0.0326i	-1.7876+10.4521i
7.3	0.0054-0.1242i	-5.5235+3.8472i	0.7397-0.1059i	0.0590+0.1308i	1.5640+8.4493i	0.7288-0.0429i	0.0612-0.0382i	1.4837+8.3979i
7.4	-0.0302-0.1526i	-4.6918+3.7067i	0.6331-0.0651i	0.1040+0.0131i	4.0372+7.8561i	0.6372+0.0102i	0.0107-0.0437i	3.9654+7.8126i
7.5	-0.0887-0.0730i	-4.6490+1.8847i	0.6215+0.0256i	0.0148-0.0248i	4.8744+3.6265i	0.6532+0.0688i	-0.2144-0.2343i	4.8201+3.5787i
7.6	-0.0491-0.0399i	-5.7236+1.2146i	0.6439+0.0722i	-0.0153-0.0029i	3.0048+2.0599i	0.6699+0.1064i	-0.1266+0.0251i	2.9443+2.0206i
7.7	-0.0206-0.0302i	-6.5406+1.1617i	0.6803+0.0815i	-0.0125+0.0072i	1.8906+1.7214i	0.6913+0.1078i	-0.0438-0.1229i	1.8217+1.6923i
7.8	-0.0012-0.0348i	-7.2886+1.2398i	0.7013+0.0935i	-0.0119+0.0142i	1.0463+1.7212i	0.7081+0.1064i	-0.0573-0.0311i	0.9885+1.6909i
7.9	0.0121-0.0506i	-7.8247+1.5362i	0.7107+0.0975i	-0.0104+0.0054i	0.4963+2.1671i	0.7143+0.1204i	-0.0477-0.1181i	0.4430+2.1389i
8.0	-0.0060-0.0473i	-7.8426+1.6040i	0.7244+0.0967i	-0.0158+0.0284i	0.9427+2.1856i	0.7306+0.1129i	-0.0102-0.0803i	0.8918+2.1610i
8.1	0.0226-0.0571i	-8.6057+1.7166i	0.7561+0.0825i	-0.0085+0.0003i	0.0660+2.2932i	0.7585+0.1067i	-0.0768-0.0220i	0.0108+2.2862i
8.2	0.0039-0.0749i	-8.7986+1.9891i	0.7775+0.0695i	-0.0133-0.0069i	0.4625+2.6006i	0.7669+0.0912i	0.0074-0.1211i	0.4085+2.6021i
8.3	-0.0025-0.0624i	-9.1285+1.9420i	0.7754+0.0852i	-0.0193+0.0028i	0.4843+2.3221i	0.7826+0.0909i	0.0061-0.0398i	0.4469+2.3057i
8.4	0.0074-0.0626i	-9.7221+1.8390i	0.7842+0.0703i	-0.0294-0.0008i	0.0610+2.1027i	0.7941+0.0867i	-0.0944-0.1250i	0.0305+2.1002i
8.5	0.0230-0.0606i	-10.4960+1.9287i	0.8125+0.0645i	-0.0314+0.0009i	-0.4484+2.1347i	0.8141+0.0814i	-0.0485-0.0619i	-0.4920+2.1305i
8.6	0.0350-0.0659i	-11.4244+2.1573i	0.8245+0.0559i	-0.0375-0.0011i	-1.1622+2.3047i	0.8167+0.0775i	-0.0828-0.0436i	-1.2032+2.2983i
8.7	0.0412-0.0876i	-12.1661+2.8249i	0.8388+0.0394i	-0.0406+0.0031i	-1.4404+2.9455i	0.8325+0.0549i	0.2192-0.0561i	-1.4747+2.9452i
8.8	0.0423-0.1057i	-13.2790+3.5008i	0.8751+0.0050i	-0.0537+0.0056i	-2.1687+3.4851i	0.8568+0.0226i	-0.2525-0.2348i	-2.1918+3.5045i
8.9	0.0486-0.1279i	-13.9956+4.6683i	0.8853-0.0261i	-0.0486+0.0269i	-2.4055+4.6401i	0.8700-0.0034i	0.1681+0.1376i	-2.4337+4.6573i
9.0	0.0517-0.1616i	-15.1476+6.1270i	0.8964-0.0434i	-0.0559+0.0310i	-3.0865+5.7878i	0.8663-0.0214i	-0.1337-0.0117i	-3.0927+5.7899i
9.1	-0.0028-0.2271i	-13.6705+8.1160i	0.8706-0.0978i	-0.0478+0.0410i	-1.1459+7.6870i	0.8514-0.0765i	-0.0863-0.1315i	-1.1534+7.6947i
9.2	-0.0055-0.2281i	-15.9572+8.6818i	0.9013-0.0733i	-0.0586+0.0396i	-2.7554+7.5815i	0.8594-0.0466i	0.0083+0.0208i	-2.7390+7.6040i
9.3	-0.0752-0.3321i	-14.7543+14.7507i	0.9288-0.1779i	-0.0573+0.0899i	-1.4040+12.5072i	0.8815-0.1322i	-0.2140-0.2107i	-1.3539+12.4993i
9.4	-0.2449-0.2972i	-7.9473+17.2887i	0.8138-0.2733i	-0.0109+0.1230i	4.3434+14.3165i	0.7853-0.2066i	-0.1575+0.0360i	4.4130+14.2452i
9.5	-0.3253-0.1737i	-2.4486+13.6885i	0.6883-0.2507i	0.0365+0.0977i	9.0384+11.2700i	0.6888-0.1822i	0.0226-0.1410i	9.0625+11.1672i
9.6	-0.2942-0.0591i	-1.5480+8.9240i	0.6372-0.1694i	0.0509+0.0623i	10.0301+7.3720i	0.6503-0.1100i	-0.1957+0.0433i	10.0118+7.2608i
9.7	-0.2492+0.0068i	-2.5248+6.0290i	0.6260-0.1227i	0.0482+0.0398i	9.4588+4.9689i	0.6469-0.0642i	-0.1111-0.0013i	9.4259+4.8596i
9.8	-0.2116+0.0390i	-3.7853+4.2362i	0.6397-0.0776i	0.0453+0.0252i	8.6621+3.5042i	0.6572-0.0245i	-0.0996-0.0306i	8.6054+3.4023i
9.9	-0.1571+0.0414i	-5.1209+3.1356i	0.6617-0.0394i	0.0355+0.0138i	7.9400+2.6487i	0.6913-0.0023i	-0.1033-0.0720i	7.8584+2.5665i
10.0	-0.1319+0.0516i	-6.2588+2.4926i	0.6853-0.0305i	0.0424+0.0127i	7.3663+2.0283i	0.7083+0.0080i	-0.0406+0.1242i	7.2746+1.9668i
10.1	-0.1144+0.0462i	-7.2036+1.9720i	0.6915-0.0051i	0.0258+0.0141i	6.8254+1.6055i	0.7126+0.0144i	-0.1280-0.0918i	6.7282+1.5507i
10.2	-0.1019+0.0361i	-8.2014+1.6502i	0.7024+0.0038i	0.0133+0.0118i	6.3995+1.2944i	0.7344+0.0221i	-0.1411+0.0303i	6.3105+1.2617i
10.3	-0.0892+0.0448i	-9.1220+1.5955i	0.7111-0.0086i	0.0116+0.0106i	6.0496+1.1171i	0.7451+0.0087i	-0.1652-0.1131i	5.9666+1.0875i
10.4	-0.0798+0.0500i	-9.9370+1.5176i	0.7258-0.0083i	0.0181+0.0130i	5.8067+0.9970i	0.7550+0.0192i	-0.0234+0.0407i	5.7086+0.9722i
10.5	-0.0623+0.0330i	-10.5512+1.3523i	0.7419+0.0061i	0.0237+0.0071i	5.5883+0.8493i	0.7628+0.0320i	-0.0561-0.0150i	5.4807+0.8399i
10.6	-0.0481+0.0224i	-11.2344+1.1084i	0.7473+0.0131i	0.0248+0.0015i	5.3565+0.7367i	0.7689+0.0380i	-0.1203-0.0469i	5.2517+0.7365i
10.7	-0.0474+0.0182i	-12.0255+0.9877i	0.7570+0.0128i	0.0256-0.0050i	5.1697+0.6439i	0.7777+0.0345i	-0.0575+0.0425i	5.0684+0.6696i
10.8	-0.0464+0.0127i	-12.8069+0.8574i	0.7767+0.0184i	0.0192-0.0121i	5.0375+0.6149i	0.7949+0.0443i	-0.0072-0.0415i	4.9502+0.6422i
10.9	-0.0367+0.0080i	-13.5322+0.8877i	0.7832+0.0300i	0.0181-0.0109i	4.9137+0.5323i	0.8007+0.0426i	-0.3272-0.0814i	4.8382+0.5626i
11.0	-0.0384+0.0013i	-14.3802+0.7171i	0.7863+0.0264i	0.0100-0.0002i	4.8236+0.5062i	0.8127+0.0451i	0.0363-0.0371i	4.7584+0.5294i
11.1	-0.0302+0.0018i	-15.0206+0.6400i	0.8048+0.0250i	0.0152-0.0090i	4.7069+0.4532i	0.8271+0.0422i	-0.0314-0.0844i	4.6418+0.4860i
11.2	-0.0263-0.0008i	-15.6719+0.6016i	0.8183+0.0224i	0.0203-0.0221i	4.5818+0.4247i	0.8351+0.0343i	0.0150+0.0328i	4.5208+0.4636i
11.3	-0.0213-0.0217i	-16.4657+0.5316i	0.8311+0.0221i	0.0134-0.0434i	4.5055+0.4127i	0.8535+0.0334i	-0.0914+0.0102i	4.4532+0.4637i
11.4	-0.0270-0.0321i	-17.4279+0.4741i	0.8466+0.0275i	-0.0110-0.0459i	4.4647+0.3885i	0.8689+0.0426i	-0.2083-0.1131i	4.4309+0.4438i
11.5	-0.0504-0.0509i	-18.0566+0.4466i	0.8421+0.0328i	-0.0367-0.0471i	4.3629+0.3682i	0.8724+0.0463i	-0.0927-0.0398i	4.3596+0.4149i
11.6	-0.0613-0.0388i	-19.0229+0.4613i	0.8700+0.0279i	-0.0448-0.0261i	4.3458+0.3484i	0.8822+0.0510i	0.0434-0.0439i	4.3322+0.3781i
11.7	-0.0650-0.0225i	-19.8490+0.3751i	0.8809+0.0499i	-0.0489-0.0110i	4.2768+0.3818i	0.8938+0.0532i	-0.2272-0.0791i	4.2607+0.3812i
11.8	-0.0657-0.0211i	-20.8313+0.2457i	0.8927+0.0386i	-0.0508+0.0012i	4.2636+0.3937i	0.9129+0.0540i	-0.0676+0.0684i	4.2313+0.4041i
11.9	-0.0588-0.0096i	-21.9136+0.2641i	0.9164+0.0409i	-0.0497+0.0204i	4.2670+0.3681i	0.9316+0.0428i	-0.0848+0.0795i	4.2206+0.3646i

12.0	-0.0541+0.0021i	-23.0321+0.1161i	0.9324+0.0500i	-0.0402+0.0381i	4.2536+0.3926i	0.9529+0.0464i	-0.2002+0.1185i	4.1928+0.3830i
12.1	-0.0501-0.0061i	-24.3532+0.2322i	0.9551+0.0557i	-0.0301+0.0462i	4.2721+0.3609i	0.9769+0.0553i	-0.0421-0.0850i	4.1897+0.3606i
12.2	-0.0357-0.0035i	-25.7791+0.4854i	0.9726+0.0527i	-0.0207+0.0352i	4.3160+0.3345i	0.9898+0.0580i	-0.2121+0.1326i	4.2363+0.3471i
12.3	-0.0352-0.0063i	-26.8811+0.6744i	0.9907+0.0512i	-0.0180+0.0371i	4.3249+0.3147i	1.0065+0.0435i	-0.1813-0.0055i	4.2422+0.3321i
12.4	-0.0342-0.0122i	-27.8246+1.1448i	0.9816+0.0452i	-0.0234+0.0446i	4.2826+0.2710i	1.0040+0.0426i	-0.0080-0.0675i	4.2204+0.2926i
12.5	-0.0203-0.0148i	-28.7440+1.3183i	0.9955+0.0436i	-0.0205+0.0508i	4.2529+0.2437i	1.0104+0.0358i	-0.0521+0.1395i	4.1767+0.2766i
12.6	-0.0250-0.0199i	-30.0781+1.5304i	1.0185+0.0418i	-0.0121+0.0650i	4.2733+0.2425i	1.0388+0.0359i	-0.0335+0.0658i	4.1945+0.2888i
12.7	-0.0182-0.0364i	-31.4071+1.7927i	1.0459+0.0452i	0.0115+0.0648i	4.3148+0.2325i	1.0543+0.0354i	-0.2024+0.0991i	4.2212+0.2981i
12.8	0.0017-0.0509i	-32.8566+2.0943i	1.0727+0.0505i	0.0245+0.0617i	4.3560+0.2322i	1.0813+0.0395i	0.0976+0.0236i	4.2450+0.2961i
12.9	0.0003-0.0456i	-34.0866+2.0122i	1.0749+0.0612i	0.0417+0.0643i	4.3218+0.2416i	1.0829+0.0500i	0.0385-0.0746i	4.2263+0.3107i
13.0	-0.0023-0.0632i	-35.3226+2.2026i	1.0916+0.0649i	0.0450+0.0635i	4.3257+0.2320i	1.0983+0.0473i	-0.0117+0.2287i	4.2345+0.3166i
13.1	-0.0048-0.0784i	-36.3791+2.2081i	1.0992+0.0703i	0.0608+0.0533i	4.3080+0.2401i	1.1064+0.0641i	0.0306+0.0416i	4.2270+0.3418i
13.2	-0.0144-0.0888i	-38.4975+2.7385i	1.1470+0.0780i	0.0815+0.0507i	4.4038+0.2395i	1.1329+0.0772i	-0.0184+0.0876i	4.3074+0.3400i
13.3	-0.0137-0.0976i	-40.2168+3.2148i	1.1644+0.0971i	0.0990+0.0530i	4.3952+0.2493i	1.1547+0.0787i	-0.0081+0.0901i	4.2944+0.3467i
13.4	-0.0100-0.1012i	-42.2448+3.3644i	1.2098+0.1081i	0.1362+0.0483i	4.4719+0.3029i	1.1832+0.1018i	0.1103-0.1724i	4.3431+0.4120i
13.5	-0.0048-0.1055i	-44.4617+3.3817i	1.2550+0.1344i	0.1562+0.0246i	4.5372+0.3379i	1.2270+0.1255i	0.1845+0.1663i	4.4233+0.4620i
13.6	-0.0031-0.1082i	-46.7430+4.0239i	1.3025+0.1222i	0.1766-0.0116i	4.5975+0.3161i	1.2730+0.1351i	-0.0260-0.1323i	4.4621+0.4733i
13.7	0.0066-0.1420i	-48.6841+4.8330i	1.3581+0.1425i	0.1950-0.0574i	4.6451+0.3775i	1.3188+0.1569i	0.3411-0.0619i	4.4842+0.5551i
13.8	0.0023-0.1734i	-50.7379+5.8059i	1.4160+0.1359i	0.2012-0.1050i	4.7156+0.3958i	1.3817+0.1571i	0.1155-0.1382i	4.5580+0.5871i
13.9	-0.0112-0.1966i	-53.2614+6.1703i	1.4780+0.1332i	0.1821-0.1672i	4.8487+0.5499i	1.4527+0.1708i	0.1916-0.3098i	4.6732+0.7542i
14.0	-0.0267-0.2467i	-55.4963+7.3738i	1.5336+0.0900i	0.1301-0.2208i	5.0381+0.5359i	1.5154+0.1554i	-0.0529-0.4000i	4.8574+0.8442i
14.1	-0.0616-0.2745i	-57.2879+8.0591i	1.5839+0.0784i	0.0880-0.2400i	5.1455+0.5180i	1.5664+0.1318i	0.1060-0.2618i	4.9818+0.9235i
14.2	-0.1002-0.3042i	-59.7558+8.0813i	1.6350+0.0699i	0.0426-0.2434i	5.2779+0.6086i	1.6280+0.1190i	0.1749-0.5951i	5.1835+1.0776i
14.3	-0.1543-0.3086i	-62.5370+9.5056i	1.6800+0.0345i	0.0036-0.2533i	5.5036+0.5461i	1.6911+0.0923i	-0.1857-0.1073i	5.4910+1.0626i
14.4	-0.1981-0.2953i	-66.0750+10.2524i	1.7426+0.0101i	-0.0069-0.2428i	5.7678+0.5341i	1.7482+0.0673i	-0.0672-0.6974i	5.8132+1.0717i
14.5	-0.2196-0.2920i	-69.3463+11.5233i	1.8005-0.0128i	-0.0306-0.2402i	5.9399+0.4522i	1.8122+0.0326i	-0.0730-0.4027i	6.0371+0.9906i
14.6	-0.2488-0.2841i	-72.8162+12.3510i	1.8449-0.0253i	-0.0580-0.2220i	6.0921+0.4312i	1.8620+0.0099i	-0.0687-0.2615i	6.2291+0.9672i
14.7	-0.2871-0.3091i	-77.3499+14.0305i	1.9130-0.0680i	-0.0752-0.2528i	6.2953+0.3585i	1.9388-0.0208i	-0.0525-0.2526i	6.5047+0.9615i
14.8	-0.3395-0.3145i	-80.6450+16.1206i	1.9618-0.0999i	-0.1149-0.2418i	6.4537+0.3094i	1.9798-0.0642i	-0.4503-0.4054i	6.7599+0.9220i
14.9	-0.3878-0.2889i	-84.6922+16.2464i	2.0068-0.0841i	-0.1336-0.2162i	6.6297+0.3079i	2.0427-0.0597i	-0.2924-0.3171i	7.0472+0.9083i
15.0	-0.4449-0.2836i	-91.2754+17.1885i	2.1037-0.1018i	-0.1404-0.2016i	6.9601+0.3672i	2.1280-0.0735i	-0.4963-0.2731i	7.4688+0.9488i
15.1	-0.4932-0.2278i	-98.0632+20.0493i	2.1911-0.1417i	-0.1406-0.1601i	7.3002+0.4176i	2.2091-0.1022i	-0.2889-0.5718i	7.8633+0.9013i
15.2	-0.4803-0.1660i	-103.3764+21.4299i	2.2813-0.1172i	-0.0893-0.1536i	7.5521+0.5267i	2.2853-0.0897i	-0.3730-0.3263i	8.0920+0.9220i
15.3	-0.4765-0.1549i	-111.2614+25.9109i	2.3816-0.1588i	-0.0653-0.1883i	8.0130+0.3930i	2.4065-0.1237i	-0.1738-0.3843i	8.5608+0.8001i
15.4	-0.4838-0.1531i	-118.9687+29.1521i	2.4977-0.2034i	-0.0233-0.2233i	8.4993+0.3607i	2.5146-0.1612i	-0.3218-0.3539i	9.0297+0.7671i
15.5	-0.4495-0.1768i	-128.4852+33.9953i	2.6401-0.2372i	0.0377-0.3158i	9.1404+0.2496i	2.6509-0.1829i	-0.0447-0.6811i	9.6298+0.7331i
15.6	-0.4811-0.2171i	-138.0746+41.0679i	2.7855-0.2960i	0.0648-0.4659i	9.7798-0.0821i	2.8049-0.2135i	-0.4779-0.4394i	10.3211+0.5375i
15.7	-0.5565-0.2608i	-151.5161+51.2956i	2.9923-0.4099i	0.0384-0.6286i	10.6721-0.5133i	3.0137-0.3201i	-0.3544-0.7483i	11.3297+0.2473i
15.8	-0.6774-0.3694i	-163.1175+63.1463i	3.1764-0.4998i	-0.1078-0.8825i	11.4112-1.0617i	3.2165-0.3950i	-0.4755-1.3402i	12.3139-0.0390i
15.9	-0.8709-0.4049i	-176.9381+74.7360i	3.4126-0.5528i	-0.3958-1.0583i	12.1245-1.4685i	3.4737-0.4305i	-0.8940-1.1886i	13.4520-0.3380i
16.0	-1.1241-0.2701i	-191.6338+98.7500i	3.7263-0.7811i	-0.8003-1.0967i	13.1059-2.3038i	3.8287-0.6529i	-1.1189-1.3165i	15.0443-1.3745i
16.1	-1.3343-0.0856i	-201.9277+118.9103i	4.0287-1.0063i	-1.1614-0.9885i	14.1557-3.1215i	4.1776-0.8772i	-1.9767-0.9849i	16.5397-2.5090i
16.2	-1.4997+0.1569i	-214.6407+142.4251i	4.3816-1.3282i	-1.4891-0.7915i	15.2660-4.1697i	4.5846-1.2002i	-1.7413-0.5172i	17.9764-4.0205i
16.3	-1.5393+0.4620i	-229.6951+180.0177i	4.7698-1.8696i	-1.7285-0.6292i	16.6357-6.2037i	5.0560-1.7530i	-2.6425-0.7362i	19.5197-6.5618i
16.4	-1.5478+0.8539i	-231.3979+231.3123i	4.9828-2.6546i	-2.0048-0.3295i	17.3985-9.0708i	5.2688-2.5758i	-2.7764-0.3607i	20.3356-10.0273i
16.5	-1.4069+1.2834i	-217.6960+295.6506i	5.0256-3.5450i	-2.3257+0.1666i	17.1315-12.6081i	5.3739-3.6044i	-2.9560+0.5908i	19.9983-14.3859i
16.6	-1.1192+1.5540i	-180.2702+356.9885i	4.8026-4.5184i	-2.7984+0.7028i	15.7968-15.9752i	5.1932-4.6306i	-3.5155+1.5206i	18.5494-18.3194i
16.7	-0.9437+1.7120i	-135.5778+386.6250i	4.5199-5.1335i	-2.6870+1.8809i	14.2712-17.8674i	4.8264-5.3935i	-2.9845+2.4119i	16.7240-21.0658i
16.8	-0.3699+2.0453i	-52.8071+436.1199i	3.6220-6.3916i	-1.6917+2.5558i	10.4369-21.9606i	3.8026-6.7463i	-2.3427+3.1016i	11.6903-25.9468i
16.9	0.1578+2.0163i	40.2115+441.6476i	2.2988-6.8559i	-0.7326+2.9333i	5.3898-22.6024i	2.3616-7.2296i	-0.9792+4.1207i	5.5108-26.7905i
17.0	0.6822+1.6975i	132.6436+406.7134i	0.7814-6.8902i	0.0119+2.6113i	0.2011-21.3429i	0.7345-7.1879i	0.2215+3.4679i	-0.7596-25.0490i
17.1	0.8369+1.1935i	179.8049+339.3547i	0.0757-6.1997i	0.3182+2.1589i	-1.1142-18.5831i	0.0117-6.4612i	0.1350+2.9301i	-2.6004-21.4547i
17.2	0.7287+1.0070i	200.3850+304.9389i	-0.5162-6.1446i	0.9072+2.2855i	-2.9119-17.7708i	-0.6436-6.3679i	1.1361+2.9480i	-4.5536-20.3955i
17.3	0.7621+0.8615i	216.4908+248.9383i	-1.1145-5.4435i	1.1593+1.4628i	-4.0058-14.9666i	-1.2621-5.5948i	1.3080+2.0557i	-5.9234-17.0035i
17.4	0.7719+0.7000i	212.3712+205.2884i	-1.3199-4.9754i	0.9741+1.1093i	-3.5784-13.7430i	-1.4336-5.0934i	0.9395+1.6549i	-5.5292-15.2636i
17.5	0.6963+0.5388i	198.4659+181.5627i	-1.3655-4.7300i	0.8652+1.0849i	-3.3190-13.5012i	-1.4749-4.8441i	1.0648+1.5269i	-5.1572-14.6549i
17.6	0.5979+0.5054i	193.2590+166.6226i	-1.6580-4.5772i	0.9888+0.9547i	-4.1487-13.3239i	-1.7665-4.6702i	1.1203+1.2996i	-5.8225-14.2845i
17.7	0.5976+0.4934i	190.4290+146.7618i	-1.9498-4.2023i	0.9514+0.7255i	-4.9133-12.3147i	-2.0462-4.2810i	1.1654+1.0417i	-6.5386-13.1340i
17.8	0.6335+0.4129i	188.7715+128.0971i	-2.2001-3.8536i	0.8553+0.6040i	-5.5206-11.4027i	-2.2883-3.9024i	1.0510+1.0014i	-7.1302-11.9778i
17.9	0.6256+0.3355i	184.9395+112.3235i	-2.3410-3.4713i	0.8393+0.5612i	-5.8475-10.5551i	-2.4264-3.5235i	1.0328+0.8770i	-7.3964-10.9616i
18.0	0.5842+0.2597i	177.7974+97.7884i	-2.4078-3.1143i	0.7995+0.5076i	-6.0597-9.6414i	-2.4846-3.1540i	0.9919+0.7708i	-7.4714-9.8702i
18.1	0.5632+0.2163i	171.9112+86.0461i	-2.4080-2.7890i	0.8122+0.4590i	-6.1164-8.9524i	-2.4951-2.8308i	1.0600+0.6295i	-7.4429-9.0823i
18.2	0.5471+0.1853i	164.8560+77.0334i	-2.3749-2.5285i	0.7870+0.4175i	-6.0715-8.4060i	-2.4505-2.5655i	0.8907+0.7249i	-7.3126-8.4444i

18.3	0.5291+0.1489i	158.3345+69.9736i	-2.3241-2.3020i	0.7937+0.3694i	-6.0488-7.9813i	-2.4027-2.3367i	1.0940+0.5199i	-7.2003-7.9307i
18.4	0.5077+0.1176i	152.3622+62.0090i	-2.2920-2.0844i	0.7963+0.3137i	-6.2476-7.5677i	-2.3684-2.1176i	0.9547+0.4614i	-7.2966-7.4369i
18.5	0.5140+0.1002i	147.2923+55.8156i	-2.2898-1.9136i	0.7885+0.2364i	-6.7304-7.1988i	-2.3700-1.9338i	0.9996+0.4413i	-7.6924-7.0084i
18.6	0.5513-0.0327i	142.4476+48.4916i	-2.3474-1.5565i	0.7304+0.2254i	-7.6145-5.5773i	-2.4191-1.5725i	0.9788+0.4015i	-8.4322-5.2972i
18.7	0.3727-0.1048i	133.7924+42.8098i	-2.0010-1.2707i	0.7608+0.2089i	-5.9641-4.0913i	-2.0640-1.2859i	0.9278+0.3584i	-6.6017-3.8921i
18.8	0.3160-0.0470i	128.3632+41.8697i	-1.8456-1.2965i	0.7660+0.1552i	-5.2340-4.4594i	-1.9108-1.3081i	0.9451+0.2033i	-5.8538-4.3104i
18.9	0.2778-0.0327i	123.3287+39.1764i	-1.7538-1.2387i	0.7627+0.1002i	-5.0126-4.4801i	-1.8192-1.2472i	0.9480+0.2361i	-5.5787-4.3445i
19.0	0.2572-0.0174i	119.9939+36.5050i	-1.6863-1.1865i	0.7646+0.0460i	-4.9188-4.4234i	-1.7541-1.1857i	0.8674+0.1640i	-5.4580-4.3067i
19.1	0.2426-0.0047i	116.0255+34.7389i	-1.6176-1.1275i	0.7474-0.0011i	-4.8417-4.3184i	-1.6836-1.1343i	0.9325+0.1045i	-5.3390-4.2358i
19.2	0.2334+0.0114i	112.6090+33.2884i	-1.5677-1.0842i	0.7131-0.0483i	-4.7671-4.2083i	-1.6262-1.0859i	0.8635+0.0351i	-5.2457-4.1579i
19.3	0.2258+0.0174i	109.7094+32.1421i	-1.5154-1.0627i	0.6937-0.0951i	-4.7119-4.1497i	-1.5739-1.0599i	0.8503+0.0389i	-5.1855-4.1246i
19.4	0.2199+0.0276i	107.5209+31.0100i	-1.4818-1.0304i	0.6638-0.1258i	-4.7421-4.0333i	-1.5390-1.0285i	0.8057-0.0446i	-5.2226-4.0385i
19.5	0.2220+0.0352i	104.9261+29.1661i	-1.4489-0.9831i	0.6174-0.1425i	-4.7296-3.8623i	-1.5029-0.9831i	0.7141-0.0636i	-5.2241-3.8870i
19.6	0.2333+0.0486i	102.4131+27.6137i	-1.4199-0.9414i	0.5823-0.1663i	-4.7525-3.6862i	-1.4717-0.9365i	0.7634+0.0371i	-5.2720-3.7071i
19.7	0.2509+0.0359i	99.9838+25.7112i	-1.3724-0.8914i	0.5610-0.1870i	-4.7021-3.4790i	-1.4297-0.8844i	0.7225-0.2813i	-5.2652-3.4736i
19.8	0.2617+0.0090i	97.8243+25.0270i	-1.3595-0.8578i	0.5273-0.2005i	-4.7616-3.4053i	-1.4107-0.8525i	0.6467+0.0148i	-5.3212-3.3507i
19.9	0.2538-0.0105i	95.3449+23.9678i	-1.3358-0.8168i	0.4872-0.2018i	-4.8241-3.2014i	-1.3828-0.8078i	0.5946-0.1678i	-5.3551-3.1155i
20.0	0.2377-0.0282i	93.3734+22.9981i	-1.3047-0.7723i	0.4602-0.1933i	-4.8450-2.9407i	-1.3519-0.7616i	0.5936-0.0849i	-5.3473-2.8384i
20.1	0.2184-0.0408i	92.1220+21.8800i	-1.3016-0.7270i	0.4404-0.1889i	-4.9004-2.6832i	-1.3457-0.7165i	0.5945-0.1090i	-5.3696-2.5705i
20.2	0.2015-0.0336i	91.1678+21.2848i	-1.2782-0.6925i	0.4353-0.1808i	-4.9051-2.4513i	-1.3273-0.6838i	0.5541-0.1859i	-5.3524-2.3553i
20.3	0.1973-0.0198i	89.2589+19.7309i	-1.2490-0.6392i	0.4391-0.1745i	-4.8500-2.1699i	-1.2911-0.6318i	0.5883-0.0174i	-5.2919-2.0974i
20.4	0.1960-0.0225i	87.8186+19.0543i	-1.2077-0.6158i	0.4574-0.1673i	-4.7288-1.9514i	-1.2585-0.6099i	0.6378-0.0740i	-5.1981-1.8939i
20.5	0.1951-0.0366i	85.7529+18.6382i	-1.1666-0.5937i	0.4667-0.1717i	-4.5835-1.7656i	-1.2173-0.5900i	0.5881-0.1441i	-5.0654-1.6834i
20.6	0.1932-0.0487i	83.7338+17.8915i	-1.1261-0.5638i	0.4767-0.1816i	-4.4376-1.5512i	-1.1793-0.5558i	0.6044-0.0877i	-4.9259-1.4494i
20.7	0.1811-0.0557i	82.4237+17.1883i	-1.1029-0.5230i	0.4998-0.2047i	-4.3527-1.3562i	-1.1596-0.5121i	0.6005-0.1381i	-4.8429-1.2301i
20.8	0.1674-0.0658i	81.4934+16.7673i	-1.0759-0.5123i	0.5210-0.2206i	-4.2414-1.1925i	-1.1340-0.4962i	0.6663-0.1946i	-4.7399-1.0579i
20.9	0.1617-0.0765i	79.9248+16.1729i	-1.0477-0.4984i	0.5387-0.2484i	-4.1257-1.0763i	-1.1095-0.4817i	0.6868-0.1668i	-4.6281-0.9072i
21.0	0.1494-0.0826i	78.9131+15.4131i	-1.0296-0.4728i	0.5436-0.2908i	-4.0507-0.9144i	-1.0949-0.4493i	0.5253-0.2978i	-4.5482-0.7093i
21.1	0.1413-0.0861i	77.8191+15.1536i	-1.0159-0.4554i	0.5547-0.3229i	-3.9738-0.7850i	-1.0854-0.4364i	0.7745-0.2899i	-4.4534-0.5608i
21.2	0.1230-0.0870i	76.4224+15.2261i	-0.9984-0.4434i	0.5713-0.3759i	-3.8183-0.6401i	-1.0649-0.4131i	0.6873-0.3617i	-4.2952-0.3889i
21.3	0.1020-0.0897i	75.3149+14.7987i	-0.9769-0.4031i	0.5835-0.4560i	-3.6839-0.4556i	-1.0444-0.3585i	0.6522-0.3926i	-4.1474-0.1620i
21.4	0.0805-0.0976i	74.8549+14.4790i	-0.9637-0.3762i	0.5760-0.5276i	-3.5464-0.2623i	-1.0350-0.3279i	0.6676-0.4985i	-3.9925+0.0609i
21.5	0.0507-0.0961i	74.3657+14.3239i	-0.9537-0.3679i	0.5431-0.6049i	-3.3489-0.1980i	-1.0126-0.3149i	0.6543-0.5131i	-3.7573+0.1666i
21.6	0.0325-0.0625i	73.2875+14.0469i	-0.9103-0.3568i	0.4879-0.6981i	-3.1549-0.1073i	-0.9680-0.2837i	0.5222-0.7363i	-3.5208+0.2746i
21.7	0.0285-0.0398i	72.3102+13.2084i	-0.8907-0.3296i	0.3949-0.7931i	-2.9589-0.0660i	-0.9394-0.2555i	0.4675-0.8241i	-3.2756+0.3517i
21.8	0.0395-0.0086i	71.9105+13.0904i	-0.8876-0.3270i	0.2470-0.8676i	-2.8059-0.0927i	-0.9234-0.2367i	0.3740-0.7515i	-3.0642+0.3458i
21.9	0.0510+0.0145i	71.5045+12.9991i	-0.8837-0.3217i	0.1071-0.9197i	-2.6584-0.1019i	-0.9052-0.2342i	0.1504-0.9067i	-2.8603+0.3364i
22.0	0.0728+0.0301i	70.8167+12.2204i	-0.8507-0.3038i	-0.1028-0.9270i	-2.5312-0.0892i	-0.8491-0.2099i	-0.0242-0.9644i	-2.6406+0.3526i
22.1	0.0926+0.0204i	70.0315+12.0734i	-0.8179-0.2900i	-0.2140-0.8176i	-2.3958-0.0921i	-0.8034-0.2102i	-0.1978-0.7690i	-2.4632+0.2970i
22.2	0.0956+0.0152i	68.9456+11.8447i	-0.7999-0.2881i	-0.2879-0.7001i	-2.2873-0.1550i	-0.7765-0.2172i	-0.1809-0.7179i	-2.3251+0.1889i
22.3	0.1100-0.0102i	68.7702+11.1072i	-0.7845-0.2487i	-0.3965-0.5642i	-2.2051-0.0743i	-0.7586-0.1830i	-0.3224-0.5341i	-2.1991+0.2006i
22.4	0.0964-0.0163i	67.8322+10.7752i	-0.7735-0.2269i	-0.3470-0.4197i	-2.1625-0.0376i	-0.7529-0.1860i	-0.3084-0.2934i	-2.1544+0.1641i
22.5	0.0864-0.0253i	66.9684+10.2564i	-0.7384-0.2247i	-0.3208-0.3713i	-1.9952-0.0863i	-0.7166-0.1853i	-0.3434-0.4900i	-2.0168+0.0907i
22.6	0.0838-0.0141i	66.2342+10.0485i	-0.7322-0.2295i	-0.2694-0.3124i	-1.9955-0.1825i	-0.7133-0.1882i	-0.1586-0.3208i	-2.0290-0.0035i
22.7	0.0829-0.0217i	66.1504+10.3319i	-0.7476-0.2250i	-0.2506-0.2541i	-2.0157-0.2027i	-0.7302-0.1892i	-0.2107-0.2363i	-2.0503-0.0525i
22.8	0.0860-0.0206i	65.3573+9.3500i	-0.7218-0.2019i	-0.2538-0.2210i	-1.9268-0.1688i	-0.7065-0.1706i	-0.1532-0.2543i	-1.9789-0.0305i
22.9	0.0814-0.0187i	64.2619+9.1196i	-0.6931-0.1969i	-0.2131-0.1900i	-1.8240-0.1957i	-0.6822-0.1696i	-0.1583-0.0723i	-1.8909-0.0538i
23.0	0.0753-0.0097i	63.5392+8.9329i	-0.6766-0.1818i	-0.1687-0.1862i	-1.8045-0.2007i	-0.6663-0.1515i	-0.1234-0.2471i	-1.8781-0.0655i
23.1	0.0757-0.0069i	62.7926+8.9090i	-0.6522-0.1771i	-0.1591-0.1993i	-1.7194-0.2149i	-0.6459-0.1489i	-0.0516-0.2482i	-1.8054-0.0850i
23.2	0.0775-0.0020i	62.6661+9.0004i	-0.6421-0.1826i	-0.1468-0.2049i	-1.7184-0.2442i	-0.6323-0.1507i	-0.1222-0.0317i	-1.8092-0.1113i
23.3	0.0767-0.0071i	61.8910+8.4471i	-0.6455-0.1622i	-0.1198-0.1913i	-1.7163-0.2064i	-0.6322-0.1318i	-0.0963-0.2332i	-1.7969-0.0710i
23.4	0.0755-0.0056i	61.5281+8.3711i	-0.6273-0.1634i	-0.1138-0.1776i	-1.6767-0.2458i	-0.6203-0.1328i	-0.0358-0.1478i	-1.7637-0.1015i
23.5	0.0891-0.0022i	61.1215+7.6963i	-0.6124-0.1371i	-0.1382-0.1745i	-1.6551-0.2169i	-0.6037-0.1149i	-0.0515-0.1184i	-1.7352-0.0980i
23.6	0.0939+0.0003i	60.7516+8.1344i	-0.6099-0.1518i	-0.1534-0.1944i	-1.6748-0.2270i	-0.5956-0.1201i	-0.2913-0.2503i	-1.7363-0.1167i
23.7	0.0985-0.0032i	60.3316+8.0580i	-0.5971-0.1424i	-0.1807-0.1879i	-1.6445-0.1977i	-0.5793-0.1122i	0.0091-0.1694i	-1.6927-0.1030i
23.8	0.1191-0.0102i	60.0277+7.8768i	-0.5839-0.1408i	-0.1989-0.1493i	-1.5903-0.2068i	-0.5637-0.1170i	-0.1891-0.0997i	-1.6492-0.1245i
23.9	0.1119-0.0139i	59.7789+7.7615i	-0.5844-0.1375i	-0.1686-0.1146i	-1.5961-0.2110i	-0.5684-0.1169i	-0.1033-0.1489i	-1.6719-0.1309i
24.0	0.1181-0.0258i	58.9710+8.0717i	-0.5719-0.1204i	-0.1512-0.0930i	-1.5882-0.1701i	-0.5595-0.1020i	-0.1295-0.1327i	-1.6767-0.1065i
24.1	0.1174-0.0265i	58.4448+7.6883i	-0.5639-0.1046i	-0.1528-0.0957i	-1.5878-0.1663i	-0.5485-0.0949i	-0.1698-0.0957i	-1.6627-0.1175i
24.2	0.1201-0.0371i	58.2851+7.2395i	-0.5644-0.0900i	-0.1692-0.0848i	-1.6079-0.1458i	-0.5461-0.0837i	0.0411-0.1198i	-1.6854-0.0948i
24.3	0.1105-0.0427i	57.4237+7.7184i	-0.5352-0.0834i	-0.1496-0.0738i	-1.5039-0.1059i	-0.5136-0.0792i	-0.1422+0.0022i	-1.5968-0.0666i
24.4	0.1088-0.0520i	57.1873+7.6845i	-0.5285-0.0748i	-0.1383-0.0660i	-1.5000-0.0746i	-0.5149-0.0627i	-0.1010-0.0646i	-1.5959-0.0293i
24.5	0.1128-0.0643i	57.2450+7.4868i	-0.5199-0.0698i	-0.1364-0.0320i	-1.4547-0.0401i	-0.5120-0.0646i	-0.0757-0.0378i	-1.5606-0.0024i

24.6	0.1133-0.0712i	56.8788+7.6307i	-0.5169-0.0730i	-0.1299-0.0379i	-1.4404-0.0435i	-0.5031-0.0646i	-0.0846-0.0098i	-1.5602-0.0065i
24.7	0.1151-0.0807i	56.3580+7.1736i	-0.5042-0.0470i	-0.1284-0.0332i	-1.4301+0.0385i	-0.4869-0.0367i	-0.1034-0.0439i	-1.5470+0.0739i
24.8	0.1010-0.0820i	55.8007+7.2825i	-0.4672-0.0383i	-0.1133-0.0323i	-1.3231+0.0753i	-0.4599-0.0262i	-0.0611-0.0369i	-1.4470+0.1157i
24.9	0.0935-0.0819i	55.3614+7.1308i	-0.4581-0.0217i	-0.0999-0.0346i	-1.2711+0.0952i	-0.4495-0.0175i	-0.1464+0.0145i	-1.4094+0.1227i
25.0	0.0910-0.0928i	55.3603+6.9443i	-0.4549-0.0258i	-0.0915-0.0355i	-1.2523+0.1013i	-0.4488-0.0136i	0.0936-0.1883i	-1.3911+0.1312i
25.1	0.0945-0.1086i	55.2625+7.4205i	-0.4396-0.0205i	-0.0828-0.0225i	-1.2051+0.1238i	-0.4388-0.0154i	-0.1297+0.0609i	-1.3520+0.1478i
25.2	0.0754-0.1080i	54.7711+7.5419i	-0.4248-0.0167i	-0.0837-0.0283i	-1.1461+0.1346i	-0.4111-0.0032i	-0.0183+0.0332i	-1.2939+0.1599i
25.3	0.0760-0.1128i	54.6518+7.5304i	-0.4039-0.0227i	-0.0638-0.0357i	-1.1034+0.1091i	-0.4051-0.0096i	-0.0301-0.0699i	-1.2706+0.1543i
25.4	0.0543-0.1151i	54.5350+7.3071i	-0.3861+0.0063i	-0.0518-0.0277i	-1.0468+0.1553i	-0.3846+0.0111i	-0.0072-0.0273i	-1.2205+0.1967i
25.5	0.0343-0.1208i	54.4118+7.1434i	-0.3750+0.0177i	-0.0502-0.0270i	-1.0001+0.1764i	-0.3747+0.0208i	-0.0621-0.1079i	-1.1680+0.2203i
25.6	0.0156-0.1220i	54.3282+7.2837i	-0.3564+0.0163i	-0.0469-0.0340i	-0.9403+0.1752i	-0.3529+0.0165i	-0.0660+0.0520i	-1.1090+0.2247i
25.7	0.0038-0.1156i	54.1677+7.0530i	-0.3234+0.0243i	-0.0379-0.0260i	-0.8226+0.1906i	-0.3157+0.0272i	0.1114-0.1989i	-0.9996+0.2280i
25.8	-0.0132-0.1093i	53.8869+7.2411i	-0.3106+0.0005i	-0.0324-0.0315i	-0.7939+0.1071i	-0.3062+0.0103i	-0.0404+0.1890i	-0.9671+0.1584i
25.9	-0.0184-0.0973i	53.7997+6.6563i	-0.2956-0.0031i	-0.0339-0.0335i	-0.7431+0.0851i	-0.2932+0.0071i	-0.0390-0.1433i	-0.9312+0.1233i
26.0	-0.0267-0.0825i	53.2596+6.4164i	-0.2875-0.0092i	-0.0345-0.0269i	-0.7225+0.0557i	-0.2829+0.0006i	0.0110+0.0415i	-0.9079+0.1009i
26.1	-0.0232-0.0747i	52.6944+6.5296i	-0.2692-0.0149i	-0.0233-0.0326i	-0.6698+0.0141i	-0.2631-0.0021i	-0.0276-0.0619i	-0.8863+0.0644i
26.2	-0.0235-0.0517i	53.1962+6.2749i	-0.2740-0.0153i	-0.0261-0.0354i	-0.6652-0.0139i	-0.2685-0.0018i	-0.0258+0.0000i	-0.9054+0.0433i
26.3	-0.0250-0.0604i	52.5655+6.7208i	-0.2671-0.0215i	-0.0168-0.0380i	-0.6324-0.0578i	-0.2578-0.0103i	-0.0399-0.0970i	-0.8979+0.0211i
26.4	-0.0236-0.0550i	51.7696+6.9765i	-0.2426-0.0322i	-0.0107-0.0505i	-0.5771-0.1030i	-0.2439-0.0228i	0.0549-0.0335i	-0.8570+0.0010i
26.5	-0.0318-0.0428i	51.9452+6.3517i	-0.2417-0.0373i	-0.0101-0.0448i	-0.5608-0.1430i	-0.2426-0.0238i	-0.0005-0.0126i	-0.8467-0.0127i
26.6	-0.0306-0.0412i	51.8699+6.2811i	-0.2395-0.0308i	-0.0044-0.0635i	-0.5609-0.1635i	-0.2390-0.0194i	0.0034-0.1249i	-0.8446+0.0147i
26.7	-0.0297-0.0358i	51.6858+6.3788i	-0.2194-0.0297i	0.0031-0.0834i	-0.5370-0.2103i	-0.2192-0.0146i	0.0285-0.0532i	-0.8153+0.0212i
26.8	-0.0300-0.0188i	51.7696+6.6574i	-0.2195-0.0336i	-0.0073-0.0963i	-0.5820-0.2891i	-0.2212-0.0193i	0.0205-0.1490i	-0.8237-0.0212i
26.9	-0.0252-0.0154i	51.3995+6.7123i	-0.2082-0.0512i	-0.0397-0.1155i	-0.6112-0.3690i	-0.1999-0.0351i	-0.0172-0.0382i	-0.7916-0.0839i
27.0	-0.0247-0.0062i	51.3821+6.3919i	-0.1996-0.0532i	-0.0777-0.1026i	-0.6761-0.3646i	-0.1962-0.0369i	-0.0321-0.2642i	-0.7913-0.0831i
27.1	-0.0094-0.0129i	51.1724+6.0166i	-0.2005-0.0475i	-0.0934-0.0717i	-0.7216-0.3081i	-0.1912-0.0414i	-0.0846+0.0030i	-0.8259-0.0683i
27.2	-0.0085-0.0095i	51.0333+6.6522i	-0.2035-0.0544i	-0.0884-0.0511i	-0.7292-0.2825i	-0.1883-0.0431i	0.0082-0.0127i	-0.8401-0.0655i
27.3	-0.0086-0.0052i	51.1267+6.8883i	-0.1942-0.0663i	-0.0760-0.0401i	-0.7257-0.2966i	-0.1868-0.0574i	-0.0316-0.0685i	-0.8254-0.0817i
27.4	-0.0090-0.0103i	50.8511+6.8584i	-0.2032-0.0668i	-0.0713-0.0269i	-0.7342-0.2877i	-0.1867-0.0600i	-0.0670-0.0017i	-0.8293-0.0653i
27.5	-0.0041-0.0032i	51.1453+6.9843i	-0.2067-0.0661i	-0.0673-0.0241i	-0.7567-0.2642i	-0.1913-0.0528i	-0.0950+0.0000i	-0.8493-0.0408i
27.6	-0.0037-0.0014i	50.6623+6.7537i	-0.1977-0.0549i	-0.0573-0.0199i	-0.7665-0.2438i	-0.1881-0.0486i	0.0197+0.0282i	-0.8377-0.0280i
27.7	0.0020+0.0044i	50.4565+6.5587i	-0.1927-0.0567i	-0.0528-0.0240i	-0.7141-0.2260i	-0.1791-0.0444i	-0.0515-0.1581i	-0.8076-0.0055i
27.8	-0.0006+0.0002i	50.5671+6.4468i	-0.1815-0.0581i	-0.0460-0.0188i	-0.7179-0.2358i	-0.1764-0.0465i	-0.0206+0.0170i	-0.7998+0.0021i
27.9	0.0084+0.0017i	50.4975+6.3148i	-0.1794-0.0518i	-0.0392-0.0252i	-0.7062-0.2369i	-0.1664-0.0502i	0.0377-0.0012i	-0.7726+0.0077i
28.0	0.0055+0.0070i	50.1441+6.5363i	-0.1665-0.0510i	-0.0381-0.0349i	-0.7003-0.2318i	-0.1587-0.0428i	-0.0223-0.0446i	-0.7488+0.0158i
28.1	0.0216+0.0039i	49.9658+6.3574i	-0.1734-0.0554i	-0.0454-0.0438i	-0.7424-0.2343i	-0.1618-0.0461i	-0.0268-0.0440i	-0.7485+0.0074i
28.2	0.0214+0.0100i	50.1709+6.2355i	-0.1765-0.0483i	-0.0443-0.0393i	-0.7620-0.2187i	-0.1690-0.0425i	0.0347-0.0524i	-0.7692+0.0274i
28.3	0.0207+0.0031i	50.3533+6.2690i	-0.1806-0.0433i	-0.0519-0.0395i	-0.7881-0.1872i	-0.1717-0.0340i	-0.0358-0.0020i	-0.7731+0.0455i
28.4	0.0216-0.0000i	49.9967+5.9249i	-0.1698-0.0299i	-0.0539-0.0402i	-0.7757-0.1397i	-0.1578-0.0270i	0.0164-0.0195i	-0.7301+0.0909i
28.5	0.0255+0.0005i	50.0052+6.2908i	-0.1615-0.0223i	-0.0518-0.0293i	-0.7489-0.0742i	-0.1509-0.0120i	-0.1022-0.0645i	-0.6972+0.1263i
28.6	0.0255-0.0016i	50.1964+6.6224i	-0.1571-0.0272i	-0.0498-0.0261i	-0.7617-0.0708i	-0.1487-0.0191i	0.0281-0.0332i	-0.6983+0.0924i
28.7	0.0282-0.0073i	50.0591+6.1106i	-0.1383-0.0037i	-0.0547-0.0158i	-0.7117-0.0060i	-0.1349-0.0035i	-0.0278-0.0739i	-0.6392+0.1245i
28.8	0.0251-0.0012i	49.5911+6.1583i	-0.1212+0.0053i	-0.0399-0.0103i	-0.6363+0.0318i	-0.1124+0.0005i	-0.0297+0.0075i	-0.5950+0.1389i
28.9	0.0220-0.0089i	49.4422+6.3544i	-0.1199+0.0080i	-0.0395+0.0011i	-0.6295+0.0398i	-0.1052+0.0034i	0.0829+0.0083i	-0.5809+0.1182i
29.0	0.0222-0.0088i	49.5694+6.3550i	-0.1181+0.0026i	-0.0496-0.0004i	-0.6236+0.0272i	-0.1049+0.0014i	-0.0959-0.0101i	-0.5630+0.1070i
29.1	0.0275-0.0157i	49.5397+6.1266i	-0.1006+0.0137i	-0.0486-0.0027i	-0.5913+0.0498i	-0.0919+0.0140i	0.1209+0.0236i	-0.5371+0.1299i
29.2	0.0177-0.0106i	49.2868+6.3328i	-0.0801+0.0206i	-0.0446+0.0036i	-0.5274+0.0857i	-0.0716+0.0192i	-0.2453+0.0198i	-0.4851+0.1457i
29.3	0.0263-0.0086i	49.2977+6.3903i	-0.0654+0.0179i	-0.0367-0.0020i	-0.5027+0.0591i	-0.0659+0.0047i	0.0982+0.0593i	-0.4659+0.1183i
29.4	0.0202-0.0039i	49.2089+6.1290i	-0.0603+0.0086i	-0.0242+0.0003i	-0.4790+0.0464i	-0.0548+0.0030i	-0.0547+0.0090i	-0.4549+0.0981i
29.5	0.0167-0.0136i	49.3185+6.2212i	-0.0504+0.0063i	-0.0258+0.0037i	-0.4654+0.0414i	-0.0495+0.0034i	-0.0527-0.0473i	-0.4549+0.0770i
29.6	0.0157-0.0101i	49.5858+6.1865i	-0.0513+0.0186i	-0.0276-0.0018i	-0.4705+0.0755i	-0.0507+0.0130i	-0.0177-0.0205i	-0.4545+0.0990i
29.7	0.0182-0.0079i	49.0446+6.1816i	-0.0367+0.0174i	-0.0192+0.0034i	-0.4251+0.0693i	-0.0379+0.0049i	0.0688+0.0594i	-0.4255+0.0945i
29.8	0.0208-0.0069i	49.0892+6.0743i	-0.0254+0.0002i	-0.0161+0.0109i	-0.3788+0.0525i	-0.0227-0.0015i	-0.0127+0.0521i	-0.3731+0.0643i
29.9	0.0280-0.0225i	49.1031+5.7664i	0.0147-0.0151i	-0.0338+0.0173i	-0.3249-0.0233i	0.0126-0.0131i	-0.1009-0.0440i	-0.3049+0.0303i
30.0	0.0220-0.0161i	48.6203+5.8338i	0.0167+0.0033i	-0.0134+0.0167i	-0.3039+0.0417i	0.0133-0.0007i	0.0297+0.0493i	-0.3107+0.0532i
30.1	0.0231-0.0088i	48.3331+5.7516i	0.0314+0.0097i	-0.0168+0.0025i	-0.2493+0.0416i	0.0340+0.0036i	-0.0246-0.0433i	-0.2731+0.0667i
30.2	0.0223-0.0112i	48.6328+5.8308i	0.0438-0.0002i	-0.0100+0.0047i	-0.2392+0.0158i	0.0401+0.0011i	0.0123+0.0211i	-0.2642+0.0478i
30.3	0.0096-0.0045i	48.7556+5.8305i	0.0557+0.0149i	0.0002+0.0110i	-0.2395+0.0565i	0.0386+0.0052i	0.0321-0.0332i	-0.2617+0.0523i
30.4	0.0116-0.0153i	48.9213+5.5190i	0.0627+0.0261i	-0.0005+0.0086i	-0.2006+0.0771i	0.0580+0.0160i	-0.0051+0.0375i	-0.2309+0.0773i
30.5	0.0200-0.0087i	49.0362+5.4919i	0.0704+0.0145i	-0.0016+0.0077i	-0.1883+0.0285i	0.0628+0.0057i	-0.1030+0.0511i	-0.2322+0.0392i
30.6	0.0168-0.0058i	48.8666+5.4402i	0.0825-0.0005i	0.0053+0.0044i	-0.1723+0.0152i	0.0725-0.0024i	0.1624-0.1179i	-0.2137+0.0265i
30.7	0.0151-0.0008i	48.7286+6.1421i	0.1006-0.0113i	0.0082-0.0012i	-0.1272-0.0097i	0.0914-0.0127i	-0.0640+0.0198i	-0.1929-0.0051i
30.8	0.0162-0.0105i	48.6938+5.9700i	0.1056-0.0111i	0.0079-0.0015i	-0.1226-0.0254i	0.1014-0.0138i	0.0275+0.0175i	-0.1828-0.0170i

30.9	0.0112−0.0126i	48.7561+5.2216i	0.1266+0.0012i	0.0125+0.0068i	−0.0983−0.0057i	0.1130−0.0078i	0.0668+0.0046i	−0.1516+0.0102i
31.0	0.0079−0.0048i	48.8077+5.4451i	0.1271−0.0091i	0.0101+0.0027i	−0.0930−0.0374i	0.1177−0.0117i	−0.0843+0.0047i	−0.1574−0.0236i
31.1	0.0108+0.0041i	48.8247+5.8885i	0.1300−0.0058i	0.0130+0.0016i	−0.0807−0.0269i	0.1282−0.0152i	0.1089−0.0678i	−0.1535−0.0288i
31.2	0.0118+0.0015i	48.9164+5.9765i	0.1456−0.0289i	0.0157−0.0078i	−0.0374−0.0963i	0.1434−0.0331i	−0.0295+0.0536i	−0.1210−0.0817i
31.3	0.0104−0.0017i	48.6646+5.7039i	0.1483−0.0239i	0.0174−0.0001i	−0.0648−0.0658i	0.1487−0.0296i	−0.0236+0.0093i	−0.1404−0.0590i
31.4	0.0188−0.0018i	48.3549+6.2263i	0.1697−0.0356i	0.0152−0.0020i	−0.0121−0.0960i	0.1646−0.0352i	0.0555−0.0563i	−0.0971−0.0860i
31.5	0.0167+0.0114i	48.9311+5.9284i	0.1855−0.0325i	0.0303+0.0044i	0.0024−0.0950i	0.1696−0.0462i	0.0430−0.0144i	−0.0826−0.0829i
31.6	0.0187+0.0252i	49.0192+5.5352i	0.1873−0.0261i	0.0246−0.0070i	−0.0154−0.0743i	0.1753−0.0328i	0.0669−0.0527i	−0.1059−0.0627i
31.7	0.0193+0.0348i	48.6673+5.5881i	0.2132−0.0368i	0.0346+0.0021i	0.0271−0.0987i	0.1914−0.0501i	0.0097+0.0949i	−0.0813−0.1006i
31.8	0.0157+0.0294i	48.5949+5.5392i	0.2266−0.0395i	0.0490+0.0037i	0.0412−0.1186i	0.2017−0.0606i	0.1202+0.0268i	−0.0549−0.1349i
31.9	0.0308+0.0265i	48.6222+5.6408i	0.2387−0.0375i	0.0459+0.0015i	0.0572−0.1089i	0.2135−0.0567i	0.0340−0.0173i	−0.0542−0.1228i
32.0	0.0215+0.0294i	49.2501+5.7235i	0.2509−0.0648i	0.0543−0.0184i	0.0852−0.1599i	0.2287−0.0634i	−0.0333+0.0157i	−0.0181−0.1396i
32.1	0.0168+0.0260i	48.9788+5.6563i	0.2658−0.0760i	0.0614−0.0250i	0.0931−0.1510i	0.2314−0.0685i	0.0879−0.0448i	−0.0158−0.1420i
32.2	0.0346+0.0304i	48.4595+6.2196i	0.2734−0.0920i	0.0576−0.0264i	0.1119−0.2069i	0.2372−0.0836i	0.0692−0.0174i	−0.0169−0.1892i
32.3	0.0427+0.0278i	48.9186+5.8859i	0.2769−0.0764i	0.0496−0.0224i	0.1132−0.1841i	0.2476−0.0727i	0.0639−0.0381i	−0.0378−0.1675i
32.4	0.0527+0.0109i	48.8433+5.5601i	0.2915−0.0778i	0.0610−0.0343i	0.1320−0.2063i	0.2501−0.0675i	0.1094−0.0271i	−0.0324−0.1487i
32.5	0.0612+0.0135i	49.0182+5.3305i	0.2874−0.0878i	0.0420−0.0555i	0.1332−0.1923i	0.2691−0.0621i	0.0048−0.0539i	−0.0421−0.1434i
32.6	0.0587+0.0086i	48.7647+5.6509i	0.2999−0.1026i	0.0345−0.0480i	0.1628−0.2227i	0.2901−0.0757i	0.0339+0.0471i	−0.0142−0.1634i
32.7	0.0648+0.0043i	48.8871+6.0097i	0.3115−0.1045i	0.0351−0.0553i	0.1579−0.2437i	0.2925−0.0777i	0.0722−0.0905i	0.0037−0.1602i
32.8	0.0741+0.0109i	49.3479+5.8708i	0.3387−0.0928i	0.0331−0.0361i	0.2043−0.2195i	0.3164−0.0799i	0.0278−0.0100i	0.0123−0.1294i
32.9	0.0907+0.0049i	48.9731+5.5333i	0.3596−0.1122i	0.0377−0.0385i	0.2345−0.2723i	0.3388−0.0991i	0.0404+0.0379i	0.0480−0.1556i
33.0	0.0822−0.0054i	48.5370+5.7395i	0.3690−0.1243i	0.0377−0.0573i	0.2397−0.2881i	0.3527−0.0903i	−0.0485−0.1062i	0.0734−0.1382i
33.1	0.0802−0.0198i	49.1663+6.0333i	0.3869−0.1214i	0.0525−0.0613i	0.2368−0.2653i	0.3489−0.0840i	0.0489+0.0142i	0.0807−0.1371i
33.2	0.0725−0.0147i	49.4263+6.3797i	0.3920−0.1443i	0.0438−0.0560i	0.2306−0.3186i	0.3646−0.1213i	0.0763−0.0220i	0.1060−0.1863i
33.3	0.0721−0.0313i	49.6966+6.3287i	0.3932−0.1529i	0.0303−0.0646i	0.2520−0.3338i	0.3735−0.1303i	−0.0418−0.1331i	0.1029−0.2047i
33.4	0.0618−0.0115i	49.7126+6.2367i	0.3939−0.1698i	0.0291−0.0657i	0.2357−0.3499i	0.3866−0.1439i	0.0470+0.0115i	0.1327−0.2328i
33.5	0.0476−0.0147i	49.8396+6.0432i	0.3949−0.1805i	0.0345−0.0511i	0.2132−0.3768i	0.3866−0.1649i	0.0090−0.0288i	0.1308−0.2810i
33.6	0.0566−0.0237i	50.4040+6.0836i	0.3874−0.1897i	0.0176−0.0746i	0.1866−0.3717i	0.3769−0.1535i	−0.0162−0.1413i	0.0957−0.2644i
33.7	0.0492−0.0041i	51.0765+5.7421i	0.3911−0.1535i	0.0284−0.0388i	0.1962−0.3282i	0.3800−0.1458i	0.0773+0.0687i	0.0681−0.2545i
33.8	0.0449−0.0029i	50.9415+5.8372i	0.3970−0.1466i	0.0466−0.0754i	0.1886−0.3061i	0.3688−0.1261i	0.1023−0.1701i	0.0724−0.2255i
33.9	0.0564+0.0036i	51.2782+5.3832i	0.3930−0.1398i	0.0378−0.0900i	0.1759−0.2930i	0.3699−0.1107i	−0.1262+0.0382i	0.0510−0.2131i
34.0	0.0598+0.0066i	51.2810+4.9730i	0.4454−0.0687i	0.0207−0.0848i	0.2908−0.1876i	0.4147−0.0462i	0.1568−0.1927i	0.1302−0.0903i
34.1	0.0369+0.0164i	50.7214+5.0170i	0.5152−0.0533i	0.0049−0.0923i	0.4012−0.1695i	0.4812−0.0038i	0.0118−0.0408i	0.2316−0.0398i
34.2	0.0524+0.0453i	51.0529+4.4083i	0.5685−0.0365i	0.0281−0.0559i	0.4427−0.2023i	0.5368−0.0233i	−0.0133+0.0057i	0.3156−0.0672i
34.3	0.0699+0.0577i	51.3218+3.9634i	0.6490−0.0829i	0.0224−0.0583i	0.5739−0.2993i	0.6237−0.0476i	0.0235−0.1171i	0.4352−0.1326i
34.4	0.1032+0.0518i	50.9741+4.0719i	0.7121−0.1071i	0.0197−0.0800i	0.6605−0.3321i	0.6857−0.0550i	−0.0630−0.0561i	0.4649−0.1606i
34.5	0.1322+0.0691i	50.6022+3.4768i	0.7626−0.1369i	0.0140−0.0718i	0.7021−0.3976i	0.7406−0.0950i	0.0349+0.1119i	0.5491−0.2259i
34.6	0.1483+0.0628i	50.5362+4.2058i	0.8396−0.1694i	0.0105−0.0729i	0.7811−0.4398i	0.8169−0.1112i	−0.0458−0.1934i	0.6194−0.2428i
34.7	0.1685+0.0451i	50.4854+4.0605i	0.9020−0.2259i	0.0108−0.0767i	0.8543−0.5325i	0.8838−0.1551i	−0.0336−0.0081i	0.6944−0.2942i
34.8	0.1817+0.0234i	50.7355+3.1138i	0.9341−0.2963i	0.0111−0.0674i	0.8447−0.6538i	0.9215−0.2383i	−0.0153−0.0583i	0.7353−0.4047i
34.9	0.1978−0.0023i	50.8745+3.4595i	0.9388−0.3269i	0.0096−0.0703i	0.7966−0.6921i	0.9341−0.2715i	−0.0035−0.0050i	0.7341−0.4473i
35.0	0.1957−0.0271i	50.8738+3.6020i	0.9710−0.3863i	0.0081−0.0600i	0.8222−0.7705i	0.9732−0.3264i	−0.0583+0.0262i	0.8242−0.5047i
35.1	0.2039−0.0409i	50.8491+3.4298i	1.0179−0.4549i	0.0038−0.0633i	0.8517−0.8592i	1.0266−0.3788i	−0.0213−0.0625i	0.8850−0.5931i
35.2	0.1935−0.0597i	51.1805+3.2463i	1.0362−0.5274i	−0.0030−0.0469i	0.8239−0.8949i	1.0490−0.4609i	−0.1679+0.0264i	0.8781−0.7582i
35.3	0.1890−0.0724i	50.9458+3.0840i	1.0504−0.5697i	0.0094−0.0510i	0.8364−0.9196i	1.0600−0.5069i	0.0397−0.1014i	0.8675−0.8471i
35.4	0.2032−0.0940i	51.1968+2.8349i	1.1232−0.6628i	0.0373−0.0557i	0.8762−1.0480i	1.1386−0.5886i	−0.0159+0.0699i	0.9952−0.9486i
35.5	0.2128−0.1018i	50.9389+3.2550i	1.1157−0.7219i	0.0372−0.0444i	0.8724−1.1482i	1.1415−0.6456i	−0.0165+0.0205i	0.9692−1.0059i
35.6	0.2005−0.0979i	51.1199+2.3750i	1.0999−0.8104i	0.0365−0.0517i	0.8412−1.1973i	1.1312−0.7351i	−0.0746+0.0351i	0.8926−1.1945i
35.7	0.2111−0.1003i	51.3742+2.5512i	1.0537−0.8618i	0.0411−0.0508i	0.7997−1.2102i	1.0744−0.7967i	−0.0256+0.0675i	0.7471−1.3199i
35.8	0.2060−0.1168i	51.3859+2.2618i	1.0697−0.9456i	0.0468−0.0625i	0.8014−1.3212i	1.0968−0.8648i	−0.0834−0.1674i	0.7434−1.3771i
35.9	0.2033−0.1288i	50.9747+1.9630i	1.0624−1.0663i	0.0609−0.0699i	0.7496−1.4607i	1.1024−1.0025i	0.1563+0.0970i	0.7225−1.5953i
36.0	0.2078−0.1358i	50.6535+2.0069i	0.9771−1.1080i	0.0581−0.0752i	0.6492−1.5006i	1.0208−1.0407i	−0.1064+0.0196i	0.4945−1.6766i
36.1	0.2250−0.1632i	51.0081+2.0086i	1.0066−1.1488i	0.0721−0.0778i	0.6700−1.5598i	1.0467−1.0930i	0.0385−0.0213i	0.4794−1.7020i
36.2	0.2297−0.2035i	50.7520+2.0233i	0.9749−1.2573i	0.0736−0.0910i	0.6110−1.6827i	1.0304−1.1960i	0.0461−0.0382i	0.3779−1.8132i
36.3	0.2417−0.2219i	50.9012+1.8249i	0.9762−1.2757i	0.0804−0.0891i	0.6073−1.7353i	1.0197−1.2049i	0.0732−0.0183i	0.2977−1.7557i
36.4	0.2325−0.2292i	51.4395+1.9859i	0.9444−1.2564i	0.0692−0.0937i	0.5563−1.6878i	0.9873−1.1965i	−0.0481−0.0362i	0.1885−1.7048i
36.5	0.2246−0.2645i	51.3577+1.5165i	0.8853−1.3752i	0.0756−0.1212i	0.4339−1.8252i	0.9477−1.3154i	0.1132+0.1085i	0.0400−1.8251i
36.6	0.2166−0.2981i	51.1241+1.5781i	0.8875−1.4464i	0.0945−0.1269i	0.3909−1.9125i	0.9471−1.3913i	0.0361−0.1907i	−0.0175−1.8524i
36.7	0.1980−0.3349i	50.9737+1.2877i	0.8652−1.4899i	0.1020−0.1325i	0.3327−1.9415i	0.9315−1.4468i	0.0756−0.0106i	−0.0567−1.8459i
36.8	0.1783−0.3453i	50.8868+1.4820i	0.8304−1.5375i	0.0932−0.1421i	0.2412−1.9756i	0.9180−1.4894i	0.0621−0.0077i	−0.1381−1.8510i
36.9	0.1676−0.3662i	51.1951+1.0839i	0.8089−1.5229i	0.0845−0.1499i	0.2333−1.9127i	0.8842−1.4848i	0.0759−0.0734i	−0.2480−1.7396i
37.0	0.1290−0.3816i	50.7820+0.4784i	0.7304−1.6350i	0.0853−0.1751i	0.0982−1.9722i	0.8289−1.6005i	0.1159−0.0816i	−0.3430−1.8322i
37.1	0.1261−0.3946i	50.4648+0.7388i	0.6976−1.7330i	0.1070−0.2024i	0.0889−2.0529i	0.8148−1.7034i	0.0306−0.1434i	−0.4492−1.8804i

37.2	0.1093-0.4408i	50.6515+0.7540i	0.6795-1.8053i	0.0919-0.2457i	0.0745-2.1432i	0.7759-1.7550i	0.1377-0.0370i	-0.5343-1.7944i
37.3	0.0620-0.4737i	50.4760+1.2300i	0.6062-1.8461i	0.0892-0.2591i	-0.0282-2.1870i	0.7002-1.8223i	0.1087-0.1630i	-0.6298-1.8217i
37.4	0.0474-0.4829i	50.3319+1.0597i	0.5881-1.8627i	0.0745-0.2756i	-0.0192-2.1564i	0.7036-1.8599i	0.0326-0.1600i	-0.5999-1.7492i
37.5	0.0064-0.5036i	50.0833+1.1110i	0.5229-1.9405i	0.0574-0.3029i	-0.1394-2.2619i	0.6488-1.9450i	0.0400-0.2111i	-0.7081-1.7107i
37.6	-0.0567-0.5197i	50.0688+0.7901i	0.4541-1.9651i	0.0276-0.3321i	-0.2255-2.3324i	0.5892-1.9840i	0.0212-0.2053i	-0.7715-1.6261i
37.7	-0.1099-0.5643i	50.3850+0.3907i	0.4409-2.0252i	0.0028-0.3545i	-0.2524-2.4140i	0.5780-2.0304i	0.0399-0.2802i	-0.7872-1.5539i
37.8	-0.1536-0.5777i	50.3804+0.3717i	0.4083-2.1206i	-0.0290-0.3690i	-0.3554-2.5130i	0.5398-2.1362i	-0.0412-0.1623i	-0.8030-1.5456i
37.9	-0.2414-0.5696i	49.8780+0.4162i	0.3136-2.1383i	-0.0846-0.3954i	-0.5066-2.5523i	0.4427-2.1648i	-0.1074-0.2607i	-0.8495-1.4798i
38.0	-0.3116-0.5461i	50.2453-0.2370i	0.1602-2.2038i	-0.1463-0.4101i	-0.7453-2.5950i	0.2686-2.2587i	-0.2288-0.3772i	-0.9331-1.4741i
38.1	-0.3674-0.4967i	49.6422-0.5082i	0.0627-2.2241i	-0.1875-0.3911i	-0.9243-2.5707i	0.1643-2.3050i	-0.1394-0.2456i	-0.9903-1.4224i
38.2	-0.4020-0.4457i	49.3973+0.2051i	-0.0148-2.2034i	-0.2350-0.3769i	-1.0603-2.5231i	0.0655-2.2801i	-0.2101-0.3032i	-1.0209-1.3443i
38.3	-0.4503-0.3989i	48.9169+0.5251i	-0.1441-2.1976i	-0.3012-0.3681i	-1.2566-2.4577i	-0.0767-2.2674i	-0.2507-0.2398i	-1.0429-1.2801i
38.4	-0.4918-0.3552i	48.9191+0.6500i	-0.2248-2.2077i	-0.3434-0.3275i	-1.4671-2.4170i	-0.1844-2.2975i	-0.3751-0.2205i	-1.0436-1.1840i
38.5	-0.5115-0.3267i	49.1457+0.7729i	-0.2145-2.2353i	-0.3686-0.2712i	-1.5177-2.4229i	-0.1645-2.3126i	-0.3116-0.2434i	-0.9947-1.1581i
38.6	-0.5428-0.2550i	48.8377+0.2555i	-0.2769-2.2593i	-0.4066-0.2187i	-1.6458-2.3227i	-0.2267-2.3205i	-0.3495-0.0889i	-0.9575-1.1457i
38.7	-0.5611-0.2048i	48.9772+0.1363i	-0.3148-2.2799i	-0.4222-0.1739i	-1.7785-2.2555i	-0.2742-2.3424i	-0.3308-0.1621i	-0.9168-1.1103i
38.8	-0.5798-0.1375i	48.9486-0.0742i	-0.4199-2.3484i	-0.4242-0.1309i	-1.9358-2.2045i	-0.3739-2.4054i	-0.3734+0.0449i	-0.9290-1.1078i
38.9	-0.5610-0.0667i	48.9815+0.1029i	-0.4467-2.2949i	-0.4243-0.0618i	-2.0290-2.0572i	-0.3957-2.3483i	-0.3560+0.0143i	-0.8827-1.0552i
39.0	-0.5660-0.0209i	49.1398+0.4604i	-0.5131-2.2970i	-0.4284-0.0291i	-2.1385-1.9470i	-0.4625-2.3548i	-0.3579+0.0858i	-0.9037-1.0314i
39.1	-0.5308+0.0369i	48.7811+0.5916i	-0.6871-2.3259i	-0.4065-0.0139i	-2.2985-1.7750i	-0.6166-2.3709i	-0.3044+0.0745i	-0.9638-1.0385i
39.2	-0.4968+0.0835i	48.5951+1.3040i	-0.8052-2.3342i	-0.3829+0.0071i	-2.4121-1.5915i	-0.7557-2.3709i	-0.3318+0.1207i	-0.9710-1.0959i
39.3	-0.4818+0.1174i	48.0162+0.7651i	-0.9498-2.2811i	-0.3745+0.0600i	-2.4792-1.3661i	-0.8822-2.3241i	-0.3123+0.1888i	-0.9981-1.0795i
39.4	-0.4350+0.1515i	47.9777+0.8545i	-0.9987-2.2377i	-0.3568+0.0873i	-2.5405-1.2036i	-0.9314-2.3017i	-0.2703+0.0474i	-0.9569-1.0388i
39.5	-0.4044+0.1826i	48.2480+1.3947i	-1.0385-2.2194i	-0.3360+0.1333i	-2.5492-1.0055i	-0.9688-2.2926i	-0.1891+0.2499i	-0.9226-1.0768i
39.6	-0.3533+0.2129i	47.9009+1.4826i	-1.2000-2.2287i	-0.3084+0.1686i	-2.5801-0.8223i	-1.1109-2.3102i	-0.1953+0.2499i	-0.9766-1.1164i
39.7	-0.3304+0.2167i	47.8657+1.2303i	-1.3010-2.1338i	-0.2909+0.1751i	-2.5640-0.5879i	-1.2044-2.2300i	-0.1617+0.2555i	-1.0280-1.1140i
39.8	-0.2926+0.2252i	47.7710+1.3133i	-1.3474-2.0132i	-0.2544+0.1776i	-2.4410-0.3257i	-1.2652-2.1231i	-0.2155+0.2755i	-1.0746-1.0866i
39.9	-0.2695+0.2458i	47.7544+1.5365i	-1.4358-1.9695i	-0.2380+0.1906i	-2.3110-0.2571i	-1.3669-2.0988i	-0.1008+0.1891i	-1.0796-1.0006i
40.0	-0.2261+0.2623i	48.0014+1.6422i	-1.5068-1.9043i	-0.1984+0.2237i	-2.3554-0.1218i	-1.4423-2.0287i	-0.0480+0.3555i	-1.0257-1.0916i
40.1	-0.2056+0.2399i	48.0881+2.3034i	-1.5381-1.8032i	-0.1807+0.2139i	-2.2479+0.0568i	-1.4837-1.9369i	-0.1292+0.2609i	-1.1114-1.1380i
40.2	-0.1716+0.2261i	48.1250+2.2613i	-1.5898-1.6541i	-0.1525+0.2107i	-2.0837+0.2289i	-1.5386-1.7933i	-0.1129+0.2907i	-1.2506-1.1072i
40.3	-0.1624+0.2274i	48.6430+2.4316i	-1.6377-1.6194i	-0.1320+0.2011i	-1.9334+0.3695i	-1.6014-1.7571i	-0.0507+0.1921i	-1.3528-1.1367i
40.4	-0.1469+0.2253i	48.7581+2.7805i	-1.6329-1.5861i	-0.1216+0.1983i	-1.7778+0.3964i	-1.5959-1.7235i	0.0412+0.2574i	-1.4265-1.1114i
40.5	-0.1272+0.2152i	48.3490+3.1778i	-1.6358-1.4765i	-0.0955+0.2061i	-1.6194+0.4363i	-1.6146-1.6361i	0.1635+0.1744i	-1.5071-1.0042i
40.6	-0.1030+0.2200i	48.3728+3.3246i	-1.6830-1.4200i	-0.0716+0.2046i	-1.4516+0.5058i	-1.6842-1.5702i	-0.1618+0.3607i	-1.6313-0.9304i
40.7	-0.0963+0.2294i	48.7447+3.5946i	-1.6944-1.3825i	-0.0589+0.2174i	-1.3408+0.5272i	-1.6974-1.5438i	0.1282+0.2957i	-1.6842-0.8652i
40.8	-0.0761+0.2168i	49.0067+3.4606i	-1.6895-1.3384i	-0.0382+0.2077i	-1.2491+0.4466i	-1.6953-1.4952i	-0.0087+0.1182i	-1.6955-0.7131i
40.9	-0.0501+0.1908i	48.5822+3.5817i	-1.6862-1.2507i	-0.0235+0.1895i	-1.1710+0.4199i	-1.7119-1.4076i	0.1119+0.2223i	-1.6499-0.6235i
41.0	-0.0435+0.1764i	48.4120+4.1826i	-1.7304-1.1421i	0.0008+0.1538i	-0.9595+0.4137i	-1.7594-1.2888i	0.1089+0.1984i	-1.7694-0.5530i
41.1	-0.0122+0.1812i	49.3036+4.2822i	-1.6976-1.1078i	0.0008+0.1531i	-0.9143+0.2992i	-1.7310-1.2518i	0.0392+0.1178i	-1.7730-0.3020i
41.2	-0.0033+0.1799i	49.5653+4.0926i	-1.6802-1.0716i	0.0280+0.1495i	-0.8747+0.2720i	-1.7293-1.2222i	0.1986+0.1485i	-1.7111-0.2102i
41.3	0.0093+0.1592i	49.5935+3.9709i	-1.6862-1.0117i	0.0370+0.1495i	-0.8033+0.2352i	-1.7321-1.1645i	0.0607+0.1880i	-1.6735-0.0702i
41.4	0.0496+0.1629i	49.6918+3.8379i	-1.6393-0.9325i	0.0192+0.1444i	-0.8513+0.1385i	-1.6840-1.0722i	0.2112+0.0863i	-1.5371+0.0851i
41.5	0.0561+0.1440i	50.3235+4.4215i	-1.5779-0.8829i	0.0209+0.1471i	-0.8955+0.1332i	-1.6446-1.0395i	0.0707+0.1556i	-1.3757+0.0984i
41.6	0.0801+0.0908i	50.9211+4.4460i	-1.5548-0.9093i	0.0471+0.1323i	-0.8315+0.2127i	-1.6444-1.0395i	0.1420+0.1299i	-1.3084+0.0361i
41.7	0.0404+0.0798i	50.7298+4.1143i	-1.5455-0.8586i	0.0463+0.1276i	-0.6355+0.1041i	-1.6179-0.9814i	0.1563+0.0836i	-1.4765+0.1219i
41.8	0.0329+0.0799i	50.8373+4.6816i	-1.5315-0.8192i	0.0174+0.1187i	-0.7056+0.0547i	-1.5983-0.9512i	0.1761+0.2111i	-1.3632+0.2256i
41.9	0.0325+0.0552i	51.2050+4.5131i	-1.5079-0.8182i	0.0476+0.1200i	-0.7087+0.0294i	-1.5970-0.9513i	0.0479+0.0752i	-1.2910+0.3440i
42.0	0.0358+0.0588i	51.0908+4.8537i	-1.5128-0.7943i	0.0498+0.1209i	-0.7198-0.1021i	-1.5989-0.9268i	0.0780+0.1860i	-1.1914+0.3896i
42.1	0.0485+0.0165i	51.3342+5.4590i	-1.4891-0.8051i	0.0552+0.1155i	-0.8646-0.0075i	-1.5897-0.9430i	0.1597+0.0569i	-0.9571+0.3681i
42.2	-0.0342-0.0066i	51.9712+5.0301i	-1.4908-0.7639i	0.0477+0.0910i	-0.8248+0.0298i	-1.5645-0.8836i	0.1349+0.1229i	-1.0250+0.1450i
42.3	-0.0362+0.0558i	51.9042+4.1761i	-1.4817-0.7629i	0.0398+0.0883i	-0.8256-0.1514i	-1.5829-0.8927i	0.1231+0.1220i	-1.1703+0.5586i
42.4	-0.0024+0.0694i	51.5525+4.6425i	-1.4781-0.7772i	0.0479+0.1006i	-0.9447-0.0577i	-1.6061-0.9209i	0.0738+0.1266i	-0.8911+0.6259i
42.5	-0.0012+0.0693i	51.7672+4.8916i	-1.4873-0.7483i	0.0597+0.1006i	-0.9060+0.0299i	-1.6206-0.8942i	0.1475-0.0085i	-0.7649+0.5994i
42.6	-0.0039+0.0437i	52.5228+4.8441i	-1.4922-0.7073i	0.0352+0.0739i	-1.1217+0.0364i	-1.6156-0.8356i	0.0175+0.0871i	-0.5355+0.5752i
42.7	0.0029+0.0467i	52.5090+4.5952i	-1.4792-0.6941i	0.0249+0.0994i	-1.1293+0.3002i	-1.6123-0.8241i	0.2848+0.0244i	-0.4786+0.4729i
42.8	0.0115+0.0780i	52.7151+4.7151i	-1.4706-0.6803i	0.0707+0.1081i	-0.9223+0.2959i	-1.6437-0.8003i	0.0449+0.1625i	-0.4399+0.5241i
42.9	0.0070+0.0617i	53.2723+4.6648i	-1.4893-0.6980i	0.0743+0.0713i	-0.9373+0.3532i	-1.6576-0.7773i	0.1666+0.0592i	-0.3429+0.3959i
43.0	0.0096+0.0867i	53.3897+4.0839i	-1.5169-0.6703i	0.0480+0.0576i	-0.9944+0.2397i	-1.6355-0.7380i	0.1038+0.0946i	-0.1932+0.3559i
43.1	0.0446+0.0490i	53.1074+4.2115i	-1.4665-0.6289i	0.0735+0.1061i	-1.0750+0.6346i	-1.6266-0.7501i	0.0950+0.0749i	-0.2396+0.1737i
43.2	0.0255+0.0318i	53.4493+4.2608i	-1.4337-0.6262i	0.0696+0.0861i	-0.9035+0.7235i	-1.6310-0.7482i	0.1050+0.0399i	-0.2768+0.2006i
43.3	0.0196+0.0476i	53.8564+5.1141i	-1.4559-0.6619i	0.0581+0.1114i	-0.8228+0.8533i	-1.6535-0.7549i	0.1849+0.0981i	-0.2468+0.0932i
43.4	0.0254+0.0597i	54.0531+5.2156i	-1.4634-0.6514i	0.0870+0.0855i	-0.5558+0.8227i	-1.6829-0.6900i	0.1213+0.0486i	-0.2894+0.0975i

43.5	0.0251+0.0463i	54.1821+4.8882i	-1.4620-0.5827i	0.0760+0.0842i	-0.6122+0.7618i	-1.6328-0.6363i	0.1048+0.0983i	-0.2551+0.0313i
43.6	0.0406+0.0491i	55.0975+5.0815i	-1.4869-0.6095i	0.0913+0.1002i	-0.3778+0.8370i	-1.6668-0.6505i	0.2279+0.0797i	-0.3291+0.1005i
43.7	0.0175+0.0328i	55.0379+4.9776i	-1.4914-0.6059i	0.1041+0.0973i	-0.3375+0.8956i	-1.6729-0.6488i	0.1631+0.1772i	-0.3386+0.0651i
43.8	0.0648+0.0918i	54.9057+4.7555i	-1.4860-0.5853i	0.0984+0.0824i	-0.3109+0.6986i	-1.6502-0.6294i	0.0468+0.0642i	-0.3566+0.2304i
43.9	0.1026+0.1115i	55.2991+5.1479i	-1.4836-0.5973i	0.1304+0.0987i	-0.1756+0.8694i	-1.6771-0.6433i	0.2378+0.0440i	-0.2589+0.2522i
44.0	0.1860+0.0479i	55.2564+5.2882i	-1.5141-0.5735i	0.1581+0.0886i	-0.1286+0.9227i	-1.7289-0.6163i	0.1592+0.1802i	-0.0202+0.1915i
44.1	0.1374+0.0229i	55.9613+5.0893i	-1.5231-0.5271i	0.1471+0.0514i	0.0883+0.9288i	-1.7086-0.5302i	0.0792-0.0641i	-0.1479+0.0950i
44.2	0.2299+0.0124i	55.8178+4.5645i	-1.5068-0.4997i	0.1209+0.0769i	0.0779+0.7424i	-1.7049-0.5251i	0.2299+0.1156i	0.0371+0.1540i
44.3	0.1741-0.1053i	56.4280+5.1205i	-1.5253-0.5066i	0.1847+0.0909i	0.4004+0.8821i	-1.7561-0.5280i	0.1651+0.0901i	-0.2443-0.2012i
44.4	0.1634-0.0342i	57.2392+5.1720i	-1.5293-0.5091i	0.2109+0.0506i	0.4605+0.5844i	-1.7685-0.4967i	0.2287+0.0246i	-0.3945+0.2273i
44.5	0.2007-0.1020i	57.2251+4.7771i	-1.5257-0.4956i	0.2186+0.0014i	0.2755+0.4425i	-1.7661-0.4492i	0.2511-0.0518i	-0.1312+0.3723i
44.6	0.1919-0.1524i	57.2157+4.5547i	-1.4833-0.4501i	0.1780+0.0420i	0.3272+0.7559i	-1.7027-0.4337i	0.2691+0.0502i	0.1213+0.1658i
44.7	0.2020-0.1737i	57.6355+5.1730i	-1.5142-0.5017i	0.1956+0.0069i	0.4520+0.6088i	-1.7131-0.4473i	0.1576+0.0706i	0.1720+0.2120i
44.8	0.1628-0.2435i	57.3579+4.8448i	-1.5398-0.5097i	0.2191-0.0280i	0.6892+0.5042i	-1.7401-0.4189i	0.2455-0.0714i	0.1839+0.0830i
44.9	0.0607-0.3025i	57.7146+5.0212i	-1.5515-0.4932i	0.1684-0.0504i	0.3757+0.5388i	-1.7082-0.4045i	0.1128-0.0549i	0.3334-0.0924i
45.0	0.0024-0.2318i	58.1090+5.0837i	-1.6016-0.4810i	0.1552-0.0218i	0.9447+0.5397i	-1.7328-0.4018i	0.1720-0.0729i	0.0361-0.1666i
45.1	0.0485-0.2220i	57.9476+4.6644i	-1.6020-0.4020i	0.1353-0.0263i	0.3350+0.1208i	-1.7152-0.3428i	0.1566-0.0103i	0.2847+0.0132i
45.2	0.0267-0.2345i	58.4965+5.4197i	-1.6114-0.4327i	0.1348-0.0039i	0.6336+0.6102i	-1.7361-0.3794i	0.0645+0.0274i	0.2627-0.1757i
45.3	-0.0073-0.2462i	58.7858+5.7073i	-1.6492-0.4005i	0.1399+0.0172i	0.8921+0.4993i	-1.7634-0.3727i	0.2090-0.0757i	0.0995-0.2904i
45.4	0.0058-0.1858i	59.6643+5.7012i	-1.6291-0.3741i	0.1730+0.0263i	0.8502+0.3018i	-1.7433-0.3409i	0.0556+0.1026i	0.1436-0.0763i
45.5	0.0412-0.2179i	59.7723+5.2010i	-1.5930-0.3612i	0.2177+0.0397i	0.9847+0.3976i	-1.7608-0.3447i	0.1842-0.0624i	0.0888-0.1729i
45.6	0.0326-0.2549i	60.3476+5.2635i	-1.6121-0.3755i	0.2683-0.0026i	1.2802+0.2934i	-1.8030-0.3269i	0.3321+0.0068i	0.0701-0.1091i
45.7	-0.0075-0.2255i	60.4816+5.7171i	-1.6357-0.3715i	0.2514-0.0738i	1.2909-0.0939i	-1.7915-0.2909i	0.1919-0.0518i	0.0734+0.0918i
45.8	0.0312-0.2845i	60.5940+5.7325i	-1.6511-0.3596i	0.2246-0.0931i	1.1677-0.3400i	-1.7962-0.2599i	0.1465-0.1285i	0.3940+0.1542i
45.9	0.0129-0.2896i	61.1178+5.4646i	-1.6682-0.3198i	0.2099-0.0584i	0.9766-0.2810i	-1.7913-0.2643i	0.1719-0.0810i	0.4253-0.1635i
46.0	-0.0219-0.3352i	61.1603+5.4475i	-1.6427-0.3337i	0.3108-0.0969i	1.1196-0.2856i	-1.8290-0.2465i	0.2320-0.0970i	0.2382-0.0838i
46.1	-0.0713-0.2883i	61.2331+5.3431i	-1.6716-0.3105i	0.1995-0.1648i	0.9431-0.3007i	-1.7873-0.2185i	0.2914-0.2358i	0.4443+0.0044i
46.2	-0.0833-0.3231i	61.6012+5.2035i	-1.6943-0.2954i	0.1919-0.1200i	1.0242-0.3611i	-1.8110-0.2067i	0.0527-0.0355i	0.4625-0.0915i
46.3	-0.0770-0.3489i	61.8550+5.7373i	-1.7188-0.2856i	0.1593-0.1204i	1.0240-0.3693i	-1.8136-0.2020i	0.1748-0.2455i	0.4813-0.1010i
46.4	-0.1109-0.3543i	62.5845+5.3609i	-1.7185-0.2707i	0.1782-0.1393i	1.0603-0.4256i	-1.8199-0.1486i	0.1794-0.1042i	0.5690+0.0830i
46.5	-0.1269-0.3563i	63.4642+5.0744i	-1.7692-0.2593i	0.1148-0.1100i	1.1883-0.4817i	-1.8084-0.1780i	0.1038-0.0628i	0.7461-0.1899i
46.6	-0.1449-0.3658i	63.3157+4.0126i	-1.7826-0.2016i	0.1579-0.0873i	1.0579-0.7868i	-1.8287-0.1072i	-0.0263-0.0571i	0.7927-0.0550i
46.7	-0.1379-0.4287i	63.3276+4.2419i	-1.8301-0.1587i	0.1297-0.0763i	0.8399-0.7206i	-1.8137-0.1241i	0.2775-0.0759i	1.1269-0.2385i
46.8	-0.1948-0.4882i	64.2523+4.2842i	-1.8472-0.1198i	0.1817-0.0593i	0.9905-0.7330i	-1.8686-0.0956i	0.0377-0.0224i	1.0324-0.3680i
46.9	-0.2033-0.4898i	65.0468+4.2423i	-1.8451-0.0453i	0.1264-0.0259i	0.6993-0.8374i	-1.8476-0.1060i	0.1365+0.0060i	1.1895-0.5754i
47.0	-0.3178-0.5511i	65.4259+3.5243i	-1.8063-0.0254i	0.2207-0.0068i	0.7496-0.5859i	-1.8850-0.0664i	0.1601+0.0655i	1.0782-0.6800i
47.1	-0.3801-0.5394i	65.6717+3.0974i	-1.8097+0.0311i	0.2508+0.0648i	0.7520-0.4277i	-1.8915-0.0569i	0.1879+0.0763i	1.1478-0.9186i
47.2	-0.5234-0.5191i	66.1719+4.0222i	-1.8167+0.0113i	0.3875+0.0151i	1.1282-0.4368i	-1.9441-0.0777i	0.3371+0.0891i	1.0453-1.0548i
47.3	-0.5435-0.4883i	65.6516+3.4469i	-1.8178+0.0390i	0.4045-0.0932i	1.0569-0.7663i	-1.9511-0.0582i	0.3314-0.0844i	1.0006-1.1630i
47.4	-0.6387-0.4816i	66.1114+3.4766i	-1.8093+0.0409i	0.4301-0.1097i	1.0182-0.5682i	-1.9843-0.0483i	0.4287-0.0809i	0.8333-1.3032i
47.5	-0.7129-0.3978i	67.4045+2.6683i	-1.8300+0.1048i	0.4401-0.1657i	1.1792-0.6352i	-2.0208+0.0077i	0.2951+0.0147i	0.7022-1.3320i
47.6	-0.7409-0.3452i	67.4107+3.1308i	-1.8392+0.1337i	0.4320-0.1898i	1.1369-0.6092i	-2.0453+0.0279i	0.3926-0.2366i	0.7174-1.4820i
47.7	-0.7948-0.2576i	67.0331+2.9280i	-1.7945+0.1644i	0.4854-0.2243i	1.5350-0.6950i	-2.0902+0.0647i	0.4492-0.1250i	0.3109-1.5387i
47.8	-0.8229-0.1903i	67.6619+2.6695i	-1.7995+0.1578i	0.4906-0.3008i	1.5011-1.0124i	-2.1202+0.1249i	0.4138-0.2418i	0.1493-1.2090i
47.9	-0.7685-0.1188i	67.6571+2.9521i	-1.8053+0.2100i	0.4684-0.3931i	1.3157-1.3926i	-2.1019+0.1950i	0.4054-0.3055i	0.3147-0.9160i
48.0	-0.8403-0.1152i	68.4196+2.9167i	-1.7770+0.1744i	0.4534-0.4664i	0.9741-1.3988i	-2.0976+0.2353i	0.4155-0.4882i	0.5308-0.9828i
48.1	-0.8582+0.0163i	69.2700+1.9244i	-1.8374+0.2221i	0.3355-0.4873i	0.9102-1.2585i	-2.1062+0.3077i	0.1595-0.3822i	0.5174-1.0688i
48.2	-0.8332+0.1358i	69.5826+2.1216i	-1.8723+0.2962i	0.2759-0.4427i	0.8183-0.9760i	-2.0743+0.3548i	0.3692-0.4217i	0.7437-1.1948i
48.3	-0.7727+0.1418i	69.6324+2.1964i	-1.7885+0.3463i	0.4277-0.4113i	1.4662-0.9978i	-2.0878+0.3403i	0.4046-0.3767i	0.4430-1.4499i
48.4	-0.8232+0.1998i	69.4248+2.0758i	-1.8130+0.3241i	0.4290-0.6779i	1.2978-1.5131i	-2.1016+0.4416i	0.3120-0.5229i	0.4564-1.0529i
48.5	-0.7529+0.2161i	70.7854+2.2357i	-1.8253+0.3984i	0.2113-0.6513i	0.6722-1.4677i	-2.0735+0.4589i	0.1453-0.6265i	0.7606-1.2831i
48.6	-0.7397+0.2927i	70.9194+2.2587i	-1.8011+0.4384i	0.1185-0.6110i	0.6101-1.1237i	-2.0380+0.4897i	0.1184-0.5136i	0.6331-1.4602i
48.7	-0.6989+0.3095i	71.3521+1.9923i	-1.7295+0.4836i	0.1814-0.4957i	0.9650-0.6053i	-2.0179+0.4795i	0.1262-0.3508i	0.4511-1.5216i
48.8	-0.7130+0.3383i	71.7124+1.9341i	-1.7102+0.4272i	0.2005-0.6242i	1.2546-1.1762i	-2.0408+0.5020i	0.1446-0.6599i	0.4348-1.5383i
48.9	-0.7156+0.3851i	71.3919+1.6079i	-1.7136+0.4490i	0.1557-0.6930i	1.2740-0.9591i	-2.0382+0.5606i	-0.0159-0.6258i	0.2441-1.4432i
49.0	-0.6453+0.4553i	71.9294+1.6685i	-1.6970+0.4059i	0.0525-0.6691i	1.4597-1.2632i	-2.0144+0.5453i	0.0643-0.5464i	0.3538-1.4030i
49.1	-0.5808+0.4916i	71.9828+1.7506i	-1.7000+0.4690i	-0.0054-0.5981i	1.2800-1.2691i	-2.0051+0.5690i	-0.0889-0.5614i	0.2097-1.4309i
49.2	-0.5407+0.4605i	72.9072+0.8578i	-1.6994+0.5289i	0.0183-0.5367i	1.5238-1.0160i	-2.0469+0.6040i	-0.0115-0.4644i	0.0782-1.5240i
49.3	-0.4985+0.4748i	73.2396+1.2487i	-1.6524+0.4922i	0.1024-0.5956i	1.9022-1.6083i	-2.0630+0.6686i	0.0877-0.5237i	-0.0543-1.0073i
49.4	-0.4294+0.4577i	73.6804+0.8584i	-1.6906+0.4773i	-0.0343-0.6591i	1.5325-1.7332i	-2.0063+0.6796i	-0.1918-0.5726i	0.5009-1.2760i
49.5	-0.4160+0.4044i	73.9370+1.1203i	-1.6342+0.5164i	0.0398-0.5468i	1.5344-1.5143i	-2.0309+0.6768i	0.1118-0.4241i	0.0517-1.3984i
49.6	-0.4507+0.4120i	74.3044+0.8652i	-1.6501+0.5005i	0.0597-0.6446i	1.8813-1.7677i	-2.0610+0.7480i	-0.1685-0.6005i	-0.0293-1.1130i
49.7	-0.4776+0.4480i	75.5301+0.1263i	-1.6887+0.4581i	0.0069-0.7977i	1.8591-2.2478i	-2.0524+0.8481i	0.0310-0.7220i	0.1331-0.7446i

49.8	-0.4112+0.4896i	76.4581-0.0330i	-1.7448+0.4919i	-0.1463-0.7657i	1.5348-2.3066i	-2.0164+0.8625i	-0.1965-0.6935i	0.5611-0.8185i
49.9	-0.3770+0.4821i	76.7190+0.0219i	-1.7713+0.5272i	-0.2371-0.7255i	1.1589-2.4572i	-1.9939+0.8766i	-0.2448-0.6395i	0.8081-0.7935i
50.0	-0.3862+0.4346i	76.9810-0.7366i	-1.7757+0.5592i	-0.1815-0.6338i	1.3281-1.9178i	-1.9979+0.8787i	-0.2924-0.4992i	0.8514-1.3332i
50.1	-0.4029+0.4108i	78.1957-1.1452i	-1.7728+0.6105i	-0.1314-0.6643i	1.6420-2.0975i	-2.0550+0.8944i	-0.2547-0.5989i	0.4355-1.3161i
50.2	-0.4761+0.4554i	78.7486-1.8874i	-1.7704+0.6139i	-0.1388-0.7695i	1.7789-2.4431i	-2.0596+1.0018i	-0.0281-0.7513i	0.4087-0.9724i
50.3	-0.4994+0.5383i	78.8141-1.5671i	-1.8352+0.5985i	-0.3083-0.8838i	1.4606-2.7502i	-2.0107+1.0604i	-0.3391-0.7053i	0.9171-0.8859i
50.4	-0.4444+0.5658i	80.1209-2.0957i	-1.8837+0.7005i	-0.4084-0.7609i	1.5757-2.5775i	-1.9990+1.0630i	-0.5367-0.6640i	0.8247-1.2492i
50.5	-0.4363+0.6125i	80.5518-3.0559i	-1.8839+0.7391i	-0.3996-0.8234i	1.7264-3.1501i	-2.0045+1.1524i	-0.3952-0.7210i	0.7459-0.8182i
50.6	-0.3338+0.6615i	81.5609-2.8989i	-1.9109+0.7723i	-0.5698-0.7471i	1.1733-3.1919i	-1.9460+1.1424i	-0.6003-0.6449i	1.1821-0.8113i
50.7	-0.3256+0.5766i	82.4227-1.7399i	-1.9092+0.7874i	-0.5804-0.6956i	1.1916-3.2841i	-1.9875+1.1301i	-0.4944-0.5004i	1.6065-0.7126i
50.8	-0.3170+0.5773i	82.2180-4.2321i	-1.9243+0.8520i	-0.6577-0.6736i	0.8087-3.3995i	-1.9195+1.2245i	-0.7528-0.4228i	2.0329-0.9975i
50.9	-0.3570+0.5677i	83.1718-4.8691i	-1.9413+0.9166i	-0.7091-0.5651i	0.6983-2.8255i	-1.8959+1.2185i	-0.8697-0.5674i	2.2874-1.4810i
51.0	-0.2934+0.5870i	83.5365-5.6757i	-1.9824+1.0073i	-0.7542-0.4224i	0.7390-2.8435i	-1.8833+1.1832i	-0.6925-0.1293i	2.3382-2.1644i
51.1	-0.3847+0.5701i	84.7269-6.0062i	-1.8800+1.0511i	-0.5905-0.4761i	1.3279-3.0674i	-1.9839+1.2424i	-0.6402-0.2845i	1.6285-2.1341i
51.2	-0.3771+0.6157i	84.2957-6.3055i	-1.9204+1.0861i	-0.6823-0.4147i	1.1502-3.1164i	-1.9452+1.2593i	-0.8285-0.1512i	1.9706-2.2542i
51.3	-0.4039+0.6402i	84.9300-7.2218i	-1.8710+1.1383i	-0.6123-0.3952i	1.3910-3.4098i	-1.9849+1.2947i	-0.8290-0.2418i	1.6857-2.4088i
51.4	-0.4440+0.7489i	86.6423-8.5362i	-1.8401+1.2102i	-0.6519-0.4813i	1.3103-3.9363i	-1.9943+1.4252i	-0.6564-0.4125i	1.6514-2.1429i
51.5	-0.3901+0.8467i	86.6874-8.5983i	-1.8864+1.2338i	-0.8387-0.4475i	0.7516-4.3143i	-1.9238+1.4751i	-0.8232-0.2037i	2.2192-2.0710i
51.6	-0.2803+0.8377i	87.3754-10.5078i	-1.8678+1.3641i	-0.8017-0.2330i	0.5459-3.8707i	-1.8916+1.4449i	-0.9062+0.0396i	2.3939-2.8934i
51.7	-0.2914+0.9070i	88.7492-11.9642i	-1.8046+1.3704i	-0.8995-0.4586i	0.3105-4.7778i	-1.9247+1.5837i	-0.9758-0.3256i	2.3133-2.4665i
51.8	-0.2512+0.9397i	89.7938-12.8369i	-1.8686+1.5257i	-1.1683-0.0292i	-0.4661-3.7195i	-1.8732+1.5055i	-1.1952+0.2217i	3.0497-3.7496i
51.9	-0.2076+0.9321i	90.2382-15.8002i	-1.7457+1.6141i	-0.8248+0.1753i	0.2271-3.7536i	-2.0294+1.5492i	-0.9173+0.4160i	2.0794-3.8488i
52.0	-0.1440+1.0191i	90.0028-16.6298i	-1.7715+1.5737i	-0.7927+0.1418i	-0.1687-3.7786i	-2.0716+1.6372i	-0.7608+0.3492i	2.4834-4.2332i
52.1	-0.0575+1.0802i	90.1283-17.6620i	-1.7590+1.6968i	-0.6318+0.1933i	0.5498-3.8385i	-2.1671+1.7944i	-0.7216+0.4938i	1.6694-4.2799i
52.2	0.1030+0.9234i	87.4276-18.8735i	-1.6494+1.7404i	-0.5990+0.2410i	-0.2271-4.0723i	-2.0388+1.8419i	-0.7081+0.6062i	2.1791-4.7060i
52.3	0.0034+1.1091i	88.6227-20.3886i	-1.7041+1.7538i	-0.5792-0.0153i	0.0642-4.4898i	-2.0895+2.1049i	-0.4776+0.0700i	1.4349-4.1287i
52.4	0.1131+1.0095i	87.9208-22.3651i	-1.6090+1.9473i	-0.5964+0.2136i	-0.2920-3.9818i	-1.9568+2.1685i	-0.6356+0.6307i	1.6812-4.8514i
52.5	0.0023+1.1248i	86.7275-22.8306i	-1.4637+1.8715i	-0.5353-0.1071i	-0.0621-4.9172i	-1.8976+2.3840i	-0.6140+0.1657i	1.7077-4.1565i
52.6	0.2337+1.2426i	87.0402-23.5487i	-1.6218+1.9720i	-0.8930+0.0714i	-1.3728-4.7880i	-1.6884+2.4094i	-0.8997+0.2928i	2.4763-4.9821i
52.7	0.3907+1.0773i	86.9305-24.8380i	-1.5186+2.2049i	-0.7670+0.4319i	-1.5040-3.8516i	-1.6409+2.3645i	-0.6283+0.7704i	2.2581-6.1096i
52.8	0.3184+1.0696i	87.3662-25.1090i	-1.2838+2.1567i	-0.5112+0.1053i	-0.7295-4.5703i	-1.7457+2.5226i	-0.5850+0.4074i	1.3085-5.4888i
52.9	0.5000+1.1906i	86.7539-26.5898i	-1.4133+2.2761i	-1.0681+0.4568i	-2.4491-3.8104i	-1.4144+2.5934i	-0.9420+0.7882i	2.8682-6.7429i
53.0	0.6301+1.1093i	84.3178-27.8143i	-1.1651+2.4681i	-0.6696+0.8578i	-1.4104-2.9931i	-1.3836+2.4961i	-0.4734+1.0952i	1.4572-7.8770i
53.1	0.7188+0.9769i	84.1030-29.2638i	-1.0167+2.4799i	-0.4115+0.8177i	-1.7842-2.5818i	-1.3363+2.5756i	-0.5255+1.3579i	1.0152-8.4178i
53.2	0.7519+0.9098i	83.5701-29.3414i	-0.8268+2.6051i	-0.1705+0.9544i	-0.6928-2.1410i	-1.3775+2.5959i	-0.0857+1.2393i	-0.2568-9.0619i
53.3	0.7632+0.8548i	82.8664-29.4257i	-0.6266+2.5883i	0.1050+0.8687i	-0.0202-2.4140i	-1.3370+2.7014i	0.2252+1.2216i	-1.3079-8.9866i
53.4	0.8235+0.8409i	82.1128-30.9332i	-0.4072+2.5762i	0.2652+0.7590i	0.6322-2.5844i	-1.2074+2.8133i	0.3632+1.1697i	-2.3309-8.9602i
53.5	0.9268+0.8778i	81.2026-30.8500i	-0.2549+2.3730i	0.4143+0.4177i	0.8819-4.2797i	-1.1589+2.9019i	0.4935+0.7547i	-2.9927-7.5206i
53.6	1.0466+0.7067i	79.8544-32.4333i	-0.2157+2.2535i	0.1847+0.3534i	-0.4658-4.2846i	-0.9253+2.9835i	0.3138+0.7370i	-2.0737-7.6915i
53.7	1.1170+0.5915i	79.7255-31.9314i	-0.1832+2.2979i	0.4689+0.5216i	0.4347-3.6692i	-0.9415+2.9146i	0.5348+0.9986i	-3.1341-8.6314i
53.8	1.0724+0.4236i	78.2223-33.4200i	-0.0475+2.1765i	0.7075+0.0474i	0.8384-5.1126i	-0.9457+3.1434i	0.8645+0.3941i	-4.1283-7.8619i
53.9	0.9274+0.3698i	74.2566-34.8031i	-0.0155+2.1061i	0.4755-0.3116i	-0.1828-6.0559i	-0.6425+3.3389i	0.6454+0.0893i	-4.5061-7.2269i
54.0	0.9156+0.5198i	70.7062-32.8647i	0.0225+2.0266i	0.0789-0.4507i	-1.4484-6.0427i	-0.2364+3.3457i	0.2939-0.0304i	-4.6035-6.7213i
54.1	1.3534+0.4951i	69.0273-30.7076i	0.0550+2.1007i	-0.3021-0.1057i	-2.2161-5.4172i	0.1343+3.0960i	-0.1706+0.2398i	-4.5764-6.4898i
54.2	1.2934-0.1381i	69.2920-28.7971i	0.2568+2.0610i	0.1006+0.2714i	-2.4914-3.9657i	0.0349+2.7870i	0.4408+0.6389i	-4.2563-7.1703i
54.3	1.0965-0.0886i	68.7737-27.5315i	0.4352+2.0745i	0.3513+0.5014i	-0.6967-3.1786i	0.0319+2.6033i	0.5817+0.7887i	-6.5311-7.6650i
54.4	1.0298-0.2389i	69.6551-26.0185i	0.5419+1.8636i	0.6152+0.1681i	-0.2454-4.2791i	-0.0489+2.6928i	0.7724+0.4854i	-7.0282-6.1467i
54.5	0.9126-0.3131i	70.2293-24.9111i	0.5468+1.7329i	0.6670-0.1036i	-0.3849-5.0490i	-0.0332+2.7853i	0.8428+0.2353i	-6.9960-5.2833i
54.6	0.7849-0.3552i	69.7421-24.8313i	0.5705+1.5044i	0.6368-0.4620i	-0.7847-5.8281i	0.0700+2.8687i	0.8625-0.2285i	-6.9117-4.2880i
54.7	0.6382-0.3209i	69.5130-24.0458i	0.3948+1.3812i	0.1861-0.6720i	-2.0513-5.8105i	0.3539+2.8963i	0.4567-0.4855i	-5.8021-4.1810i
54.8	0.7091-0.3114i	69.8240-23.4205i	0.4698+1.5937i	0.2731-0.1290i	-1.1827-4.4552i	0.3808+2.5945i	0.5970+0.2709i	-7.1319-5.1353i
54.9	0.5754-0.4612i	69.4002-23.2554i	0.6809+1.2970i	0.7283-0.6502i	-0.4505-6.4413i	0.2121+2.7694i	1.0050-0.4624i	-7.9377-2.8158i
55.0	0.4265-0.4670i	70.0269-22.5703i	0.5562+1.1454i	0.4187-0.9588i	-1.6556-6.9223i	0.4192+2.8574i	0.5864-0.6849i	-6.9988-2.0893i
55.1	0.3388-0.3795i	70.3928-20.9669i	0.4553+1.0644i	0.0576-1.0198i	-2.6106-6.9992i	0.6334+2.8140i	0.3778-0.7774i	-6.0268-1.8823i
55.2	0.3065-0.2818i	70.6877-20.2262i	0.3905+1.1409i	-0.1558-0.8204i	-3.2719-6.4875i	0.8121+2.6926i	0.1344-0.6070i	-5.8999-2.3770i
55.3	0.2711-0.2367i	70.6739-20.5160i	0.3921+1.0670i	-0.1605-0.8303i	-3.6546-6.5326i	0.8820+2.6229i	0.1816-0.5991i	-5.8749-1.9481i
55.4	0.2604-0.1784i	70.7775-19.4385i	0.3800+1.0846i	-0.2771-0.7589i	-4.1085-5.9678i	0.9976+2.5128i	0.0897-0.6089i	-5.5893-1.9702i
55.5	0.3202-0.1693i	71.2554-18.7162i	0.3786+1.1151i	-0.3919-0.5952i	-4.5624-5.3849i	1.1151+2.3700i	-0.1186-0.2517i	-5.2407-2.1873i
55.6	0.2161-0.2642i	71.9917-18.6140i	0.5333+1.0515i	-0.0255-0.5938i	-3.7230-5.0810i	1.0409+2.2544i	0.1753-0.4893i	-6.1603-2.1019i
55.7	0.0845-0.1693i	71.3597-16.5202i	0.4225+0.8775i	-0.2856-0.8949i	-4.2505-5.6861i	1.1161+2.2843i	0.1007-0.7512i	-5.5195-1.2779i
55.8	0.1219-0.0613i	71.8552-15.5310i	0.3717+0.8614i	-0.4683-0.7705i	-4.7111-5.2129i	1.2351+2.1307i	-0.1314-0.6257i	-5.1658-1.4036i
55.9	0.1580-0.0191i	72.8114-15.5395i	0.3380+0.8408i	-0.6259-0.7433i	-5.0400-5.0433i	1.3314+2.0588i	-0.2123-0.5650i	-4.9795-1.3836i
56.0	0.1974+0.0324i	74.6920-14.6873i	0.2993+0.8602i	-0.6938-0.5732i	-5.2272-4.5637i	1.3730+1.9205i	-0.3348-0.2893i	-4.8082-1.5806i

56.1	0.2354-0.0530i	75.1548-14.0667i	0.3787+0.8492i	-0.3948-0.4691i	-4.4894-4.1486i	1.2562+1.7753i	-0.1370-0.3268i	-5.4707-1.6924i
56.2	0.1569-0.0251i	75.9972-13.2272i	0.3083+0.6680i	-0.6390-0.8223i	-4.9793-4.8504i	1.3447+1.8438i	-0.2755-0.5457i	-4.9563-0.8673i
56.3	0.1930+0.0071i	78.3246-13.6294i	0.2837+0.7091i	-0.7619-0.6422i	-5.3439-4.3855i	1.4436+1.7071i	-0.5526-0.5747i	-4.8229-1.0750i
56.4	0.1711+0.0179i	79.4077-13.8677i	0.2627+0.6524i	-0.7857-0.6782i	-5.4024-4.3303i	1.4526+1.6503i	-0.3202-0.5204i	-4.8250-0.9715i
56.5	0.1727+0.0293i	78.5779-11.7824i	0.1742+0.6304i	-0.8960-0.5841i	-5.3658-4.0910i	1.4256+1.5405i	-0.6056-0.4115i	-4.5270-1.0965i
56.6	0.2001+0.0428i	80.6309-12.0306i	0.1272+0.6529i	-0.9358-0.4985i	-5.5008-3.8421i	1.4491+1.4588i	-0.5435-0.3618i	-4.5133-1.0418i
56.7	0.2605+0.0201i	82.4448-13.1305i	0.0699+0.6758i	-1.0632-0.3354i	-5.7482-3.4762i	1.4884+1.3207i	-0.6800-0.1322i	-4.4370-1.0862i
56.8	0.2684-0.0166i	82.8128-12.3402i	0.0602+0.6659i	-1.0610-0.2286i	-5.6479-3.2332i	1.4527+1.1958i	-0.7764-0.0015i	-4.3300-1.1798i
56.9	0.2906-0.0274i	84.3101-11.6572i	0.0439+0.7095i	-1.0557-0.1184i	-5.6264-3.0188i	1.4511+1.1123i	-0.7365-0.0195i	-4.2959-1.2430i
57.0	0.3024-0.0511i	84.6043-12.1428i	0.0251+0.7415i	-1.0656+0.0421i	-5.6560-2.7046i	1.4529+0.9952i	-0.7677+0.2723i	-4.1832-1.2840i
57.1	0.2990-0.0845i	86.5174-12.2691i	0.0329+0.8204i	-1.0598+0.2087i	-5.5965-2.5458i	1.4306+0.9124i	-0.7286+0.3592i	-4.1488-1.4094i
57.2	0.3280-0.1414i	88.3854-11.9284i	0.1200+0.8968i	-0.8291+0.4365i	-5.1260-2.1608i	1.3336+0.7716i	-0.5761+0.5135i	-4.5583-1.7706i
57.3	0.1093-0.1247i	89.8156-12.5658i	0.2334+0.7115i	-0.5169+0.0038i	-4.5366-3.2926i	1.1665+0.8913i	-0.2275+0.1201i	-5.0400-0.8183i
57.4	0.1669-0.0151i	90.2495-13.2006i	0.0685+0.7281i	-0.9074+0.1181i	-5.7535-2.9031i	1.2968+0.8163i	-0.5471+0.2664i	-4.1244-0.9098i
57.5	0.1667-0.0252i	90.0469-12.8592i	0.1273+0.7834i	-0.7754+0.2862i	-5.5718-2.4056i	1.2403+0.6989i	-0.5636+0.3765i	-4.0680-1.1619i
57.6	0.2021-0.0191i	92.4633-11.8442i	0.1639+0.8214i	-0.6609+0.3781i	-5.3821-2.2452i	1.1555+0.6752i	-0.2892+0.5156i	-4.2374-1.4123i
57.7	0.2171-0.0351i	95.1127-11.5606i	0.1751+0.8341i	-0.6259+0.4025i	-5.3549-2.2262i	1.1245+0.6592i	-0.3741+0.4129i	-4.2634-1.5558i
57.8	0.2125+0.0032i	95.3604-13.9697i	0.2027+0.7628i	-0.5417+0.3526i	-5.2872-2.0927i	1.0915+0.5922i	-0.1456+0.4905i	-4.3275-1.4425i
57.9	0.2179+0.0040i	97.0779-15.6878i	0.2907+0.7730i	-0.3743+0.4207i	-5.2118-1.8771i	1.0211+0.5396i	-0.0852+0.5593i	-4.4992-1.4553i
58.0	0.2060-0.0228i	96.9341-16.1260i	0.2864+0.7224i	-0.3465+0.3829i	-5.1207-1.9301i	0.9816+0.5149i	0.0152+0.5112i	-4.4481-1.3550i
58.1	0.1930-0.1150i	99.0249-14.5091i	0.2804+0.7382i	-0.2579+0.3981i	-5.0463-1.8484i	0.8790+0.5040i	0.0621+0.5129i	-4.5338-1.5503i
58.2	0.1474+0.0680i	101.6671-15.2697i	0.2437+0.7019i	-0.3426+0.3054i	-5.0753-1.8629i	0.9429+0.5431i	0.0097+0.4442i	-4.6694-1.4929i
58.3	0.2071+0.0374i	101.5678-16.8631i	0.2453+0.6902i	-0.3336+0.3381i	-5.0378-1.7125i	0.8850+0.4757i	-0.0559+0.5860i	-4.6522-1.4799i
58.4	0.1725+0.0067i	101.6089-15.8897i	0.2887+0.6184i	-0.2191+0.2721i	-4.8857-1.7599i	0.8220+0.4719i	0.0712+0.4697i	-4.6770-1.5615i
58.5	0.2310+0.1463i	101.8337-17.9913i	0.2608+0.5751i	-0.3175+0.1938i	-4.8767-1.8286i	0.8432+0.4904i	-0.0091+0.2358i	-4.7390-1.3550i
58.6	0.3770+0.0594i	105.0663-19.9248i	0.2814+0.5740i	-0.2778+0.2554i	-4.9719-1.7518i	0.8158+0.4403i	-0.0478+0.4490i	-4.8946-1.3187i
58.7	0.3750+0.0310i	107.0373-19.2178i	0.3316+0.6263i	-0.1540+0.2839i	-4.9267-1.8604i	0.7890+0.4624i	0.1254+0.3307i	-4.9694-1.3627i
58.8	0.4006+0.0030i	108.3841-17.7618i	0.2508+0.6313i	-0.1712+0.3065i	-4.8401-1.8393i	0.7423+0.4647i	0.1087+0.3703i	-4.9994-1.4894i
58.9	0.4415-0.0501i	110.3677-20.5206i	0.3270+0.5145i	-0.0525+0.1767i	-4.7518-1.7796i	0.6796+0.4549i	0.3966+0.1703i	-5.2066-1.3700i
59.0	0.4666-0.2625i	110.5383-22.1815i	0.3959+0.5706i	-0.0225+0.3220i	-4.7529-1.6322i	0.6926+0.4009i	0.3435+0.5242i	-5.1528-1.3992i
59.1	0.3735-0.1697i	112.8453-22.6496i	0.2901+0.5847i	-0.0568+0.3096i	-4.8163-1.8159i	0.6234+0.4283i	0.3050+0.2642i	-5.4027-1.3475i
59.2	0.4044-0.2929i	113.5140-23.6032i	0.2287+0.4408i	-0.1244+0.1220i	-4.8441-1.8492i	0.6131+0.4462i	0.3462+0.4124i	-5.3460-1.2664i
59.3	0.3580-0.3313i	113.9500-24.3628i	0.3177+0.4593i	-0.0023+0.1176i	-4.8028-1.8463i	0.6038+0.4506i	0.3364+0.2183i	-5.3980-1.2379i
59.4	0.3326-0.3740i	114.9735-26.0494i	0.1905+0.3612i	-0.1021+0.0458i	-4.8357-1.8775i	0.5773+0.4833i	0.3340+0.3087i	-5.5272-1.1084i
59.5	0.2767-0.3904i	117.5965-25.1675i	0.3593+0.3626i	0.0723+0.0067i	-4.9188-2.0901i	0.5879+0.5305i	0.2244-0.0072i	-5.5785-1.1060i
59.6	0.2453-0.4358i	117.2023-26.8472i	0.1342+0.4776i	-0.1530+0.1232i	-4.9891-2.1396i	0.5851+0.5502i	0.4900+0.2631i	-5.5710-0.9388i
59.7	0.1599-0.4668i	117.8216-28.4347i	0.0970+0.2116i	-0.1538-0.1549i	-4.9654-2.1479i	0.5687+0.5495i	0.1221+0.1108i	-5.6587-0.8671i
59.8	0.1224-0.5472i	119.0313-27.5894i	0.0784+0.2986i	-0.1242-0.0432i	-5.0407-2.1878i	0.5530+0.5662i	0.5005+0.2157i	-5.6864-0.8867i
59.9	0.0097-0.5683i	118.7727-28.5071i	0.3562-0.1500i	0.1799-0.4465i	-5.0530-2.1478i	0.5341+0.5567i	0.2458+0.1068i	-5.7302-0.8048i
60.0	0.0457-0.6052i	126.3537-30.7321i	11.2160-0.9901i	11.4591-0.9043i	-5.2245-2.0409i	0.5238+0.5486i	0.4911+0.0880i	-5.7561-0.6601i
60.1	-0.1879-0.6434i	123.8575-32.6073i	0.6691+1.0263i	0.6171+0.6062i	-5.3852-2.1685i	0.5599+0.5835i	0.4265+0.0656i	-5.9321-0.5257i
60.2	-0.3207-0.6240i	123.2960-30.9073i	0.0062+0.5022i	-0.1547+0.0615i	-5.4234-2.2402i	0.5826+0.5838i	0.4408-0.0412i	-5.7946-0.5577i
60.3	-0.5085-0.6553i	125.5073-32.8325i	0.1457+0.5119i	-0.0295-0.0078i	-5.5174-2.2305i	0.5759+0.6018i	0.4341+0.0535i	-5.9034-0.4407i
60.4	-0.6881-0.6613i	127.8276-35.2135i	-0.0272+0.3036i	-0.1552-0.2048i	-5.6287-2.2642i	0.5676+0.6082i	0.3316-0.1985i	-5.9954-0.2985i
60.5	-0.9215-0.5411i	128.0832-36.1378i	0.1099+0.2300i	-0.0152-0.3271i	-5.7270-2.1940i	0.5947+0.6080i	0.4127-0.1601i	-5.9309-0.2315i
60.6	-1.2358-0.2655i	127.4372-37.0700i	0.1272+0.1824i	0.0192-0.4451i	-5.7635-2.1681i	0.5766+0.6108i	0.6047-0.3120i	-5.9136-0.1888i
60.7	-1.3953+0.1215i	129.7962-36.9358i	0.2544+0.2225i	0.1637-0.4364i	-5.8326-2.2697i	0.5596+0.6046i	0.4960-0.2324i	-5.9944-0.1852i
60.8	-1.2809+0.6795i	132.1700-38.5667i	0.1273+0.2225i	-0.0284-0.5677i	-5.9937-2.3271i	0.5627+0.6434i	0.4329-0.4933i	-6.1001-0.0048i
60.9	-0.8916+1.0275i	131.2662-42.5279i	0.1589+0.0798i	-0.1353-0.7499i	-6.2071-2.2082i	0.6181+0.6788i	0.2206-0.5875i	-5.9544+0.2842i
61.0	-0.5624+1.0359i	132.2126-41.5072i	0.1161+0.1074i	-0.2067-0.7275i	-6.3617-2.2153i	0.6360+0.7016i	0.3550-0.6110i	-5.8706+0.1714i
61.1	-0.3800+0.9929i	135.2894-43.2555i	0.0810-0.0121i	-0.2970-0.9195i	-6.5387-2.1772i	0.6650+0.7340i	0.0861-0.8591i	-5.9655+0.1852i
61.2	-0.2870+0.9757i	138.0415-44.7421i	0.1048-0.0141i	-0.3657-0.9356i	-6.7083-2.0720i	0.7041+0.7474i	0.0463-0.7919i	-6.0467+0.2202i
61.3	-0.2032+0.9132i	138.5135-46.6935i	0.0454-0.0319i	-0.4837-0.9056i	-6.8515-1.9099i	0.7529+0.7249i	-0.0088-0.7732i	-6.0074+0.2832i
61.4	-0.1873+0.8848i	138.6227-47.5336i	0.0251-0.0645i	-0.5096-0.9303i	-6.8755-1.8588i	0.8006+0.7079i	-0.0600-0.9220i	-5.9413+0.2810i
61.5	-0.1437+0.9224i	141.4551-47.7136i	0.0001-0.1049i	-0.6209-1.0153i	-6.9624-1.9219i	0.8264+0.7350i	-0.1175-0.9299i	-6.0114+0.2653i
61.6	-0.1071+0.9749i	143.1561-51.7638i	-0.0652-0.1252i	-0.7964-1.0143i	-7.1640-1.7149i	0.9037+0.7276i	-0.4427-0.9294i	-6.0855+0.4488i
61.7	-0.0815+1.0561i	145.9767-53.5723i	-0.1342-0.1260i	-0.9238-0.9988i	-7.3263-1.6192i	0.9373+0.7132i	-0.3313-1.0180i	-6.1997+0.4551i
61.8	0.0452+1.0850i	146.5466-54.8592i	-0.2338-0.2160i	-1.1047-1.0557i	-7.3819-1.6344i	0.9768+0.7009i	-0.5154-0.9227i	-6.1929+0.5364i
61.9	0.1182+1.1874i	149.1974-57.1151i	-0.2868-0.1936i	-1.2830-0.9704i	-7.5187-1.5709i	1.0604+0.6604i	-0.8058-0.9801i	-6.2857+0.6011i
62.0	0.2639+1.2503i	152.1974-59.1829i	-0.3852-0.1696i	-1.4736-0.9142i	-7.6823-1.5523i	1.1175+0.6394i	-0.9304-0.8518i	-6.3832+0.7272i
62.1	0.4478+1.3110i	154.7128-64.7357i	-0.5067-0.1582i	-1.7710-0.8421i	-8.0023-1.4128i	1.2219+0.6144i	-1.1425-0.8486i	-6.4407+0.9275i
62.2	0.5784+1.3118i	156.1453-67.4905i	-0.5798-0.1530i	-1.9101-0.7502i	-8.1383-1.2951i	1.2728+0.5308i	-1.2943-0.6096i	-6.4859+0.9552i
62.3	0.7093+1.2860i	156.1406-69.2090i	-0.6369-0.1158i	-1.9823-0.6054i	-8.2458-1.2537i	1.3318+0.4850i	-1.3232-0.7332i	-6.3929+1.0809i

62.4	0.8628+1.2390i	157.1463-71.8002i	-0.6892-0.0536i	-2.0714-0.3922i	-8.3967-1.0689i	1.3475+0.3816i	-1.4374-0.1437i	-6.3951+1.1013i
62.5	0.9992+1.1713i	160.7580-75.8328i	-0.7367-0.0077i	-2.1785-0.2530i	-8.6205-0.9517i	1.3714+0.2985i	-1.6269-0.2856i	-6.5166+1.1552i
62.6	1.1499+1.1496i	164.2101-82.1660i	-0.8141+0.0348i	-2.3238-0.1171i	-8.9165-0.7117i	1.4352+0.2202i	-1.6413-0.0387i	-6.6261+1.3414i
62.7	1.2489+1.0521i	164.0875-85.3209i	-0.8233+0.0770i	-2.3597+0.0513i	-9.0090-0.5517i	1.4525+0.1289i	-1.7475+0.0633i	-6.5926+1.4990i
62.8	1.3268+0.9499i	163.6520-86.0285i	-0.8416+0.1365i	-2.2981+0.2841i	-9.0748-0.4888i	1.4201+0.0530i	-1.6526+0.2428i	-6.5191+1.5094i
62.9	1.4259+0.8949i	166.5464-88.4466i	-0.9011+0.1842i	-2.3106+0.4769i	-9.2524-0.3919i	1.4095-0.0464i	-1.6345+0.5215i	-6.5584+1.4808i
63.0	1.5069+0.8263i	169.9788-94.9028i	-0.9212+0.2165i	-2.3319+0.6304i	-9.5711-0.1824i	1.4194-0.1265i	-1.7193+0.6923i	-6.6934+1.6094i
63.1	1.5683+0.7152i	170.9705-97.2047i	-0.9208+0.3328i	-2.2590+0.8652i	-9.7030+0.0369i	1.3956-0.2376i	-1.5943+0.6879i	-6.6206+1.5580i
63.2	1.6281+0.6226i	169.3545-98.2618i	-0.9765+0.4150i	-2.1842+1.0837i	-9.7100+0.2199i	1.3540-0.3437i	-1.4416+1.0725i	-6.5143+1.6077i
63.3	1.7034+0.5017i	172.2526-107.5093i	-1.0334+0.4215i	-2.1360+1.1597i	-10.0607+0.5310i	1.3228-0.3976i	-1.4644+1.0270i	-6.7048+1.8894i
63.4	1.7981+0.4034i	174.7801-112.5371i	-1.0266+0.4681i	-2.1502+1.3096i	-10.3103+0.7394i	1.3029-0.4993i	-1.3429+1.3261i	-6.8200+1.9414i
63.5	1.8852+0.2627i	176.0316-120.7701i	-0.9945+0.5970i	-2.0342+1.5940i	-10.5730+1.1785i	1.2349-0.6212i	-1.2403+1.4766i	-6.9472+2.0793i
63.6	1.9408+0.1355i	175.5046-126.9666i	-1.0239+0.6575i	-1.8635+1.7387i	-10.6800+1.5676i	1.1526-0.6800i	-1.2522+1.5785i	-6.9252+2.2360i
63.7	1.9713+0.0198i	177.1831-125.7394i	-1.0176+0.6998i	-1.6933+1.8285i	-10.6857+1.6338i	1.0654-0.7317i	-0.8956+1.7410i	-6.8918+2.0873i
63.8	1.9816-0.1767i	171.5930-132.7723i	-1.0151+0.7949i	-1.4808+2.0469i	-10.6446+2.1650i	0.9380-0.8025i	-0.7138+1.9506i	-6.7894+2.2981i
63.9	1.9963-0.2788i	169.7068-136.0919i	-0.9721+0.8842i	-1.3600+2.1676i	-10.6069+2.5171i	0.8528-0.8559i	-0.6616+1.9178i	-6.7777+2.2445i
64.0	2.0489-0.3865i	175.4722-145.4459i	-0.9851+0.9268i	-1.1761+2.2075i	-11.0023+2.9622i	0.7730-0.8796i	-0.4473+2.0877i	-7.1118+2.4525i
64.1	2.1108-0.4906i	177.5739-150.1633i	-1.0002+1.0166i	-1.0687+2.2461i	-11.1636+3.3512i	0.7126-0.9129i	-0.3090+2.0401i	-7.1994+2.4374i
64.2	2.1109-0.6460i	172.6390-153.6426i	-0.9940+1.0792i	-0.9739+2.3157i	-10.9308+3.7128i	0.6284-0.9083i	-0.1565+2.1912i	-7.0557+2.5447i
64.3	2.1297-0.8067i	173.9285-158.3340i	-0.9536+1.1626i	-0.7693+2.2879i	-11.0012+4.0427i	0.5724-0.9084i	-0.3301+2.0120i	-7.1617+2.5626i
64.4	2.0849-1.0349i	169.2611-167.1989i	-0.9507+1.2687i	-0.6768+2.1987i	-10.8138+4.6668i	0.4830-0.8971i	0.2900+1.8094i	-7.1870+2.7679i
64.5	2.1103-1.3097i	168.1686-177.4388i	-0.8697+1.3563i	-0.5026+2.3545i	-10.8405+5.3039i	0.3909-0.9160i	0.1694+2.0167i	-7.2315+3.0516i
64.6	1.9930-1.4427i	170.8993-179.7474i	-0.8351+1.4356i	-0.3997+2.4022i	-10.8495+5.5139i	0.3522-0.9234i	0.2219+2.1460i	-7.4347+2.8448i
64.7	1.9002-1.6348i	164.4595-191.3063i	-0.7911+1.5359i	-0.4120+2.3946i	-10.5567+6.1086i	0.2861-0.9198i	0.4287+1.8837i	-7.5069+3.2204i
64.8	1.8125-1.8720i	161.7984-199.6813i	-0.7052+1.6269i	-0.2953+2.5070i	-10.3872+6.6771i	0.2421-0.9310i	0.5433+2.1137i	-7.5615+3.3749i
64.9	1.6321-2.0063i	154.9529-205.6699i	-0.5794+1.6777i	-0.2056+2.5025i	-9.9720+7.0675i	0.1983-0.9309i	0.5377+2.1693i	-7.6139+3.6062i
65.0	1.4789-2.1451i	147.6483-211.7508i	-0.4628+1.7533i	-0.0335+2.5986i	-9.5023+7.4743i	0.1163-0.9267i	0.5731+2.0210i	-7.6605+3.7563i
65.1	1.3349-2.3016i	147.1114-219.5511i	-0.3601+1.8347i	0.1225+2.7413i	-9.3561+7.8164i	0.0509-0.9682i	1.0925+2.1590i	-7.9148+3.9108i
65.2	1.2085-2.4450i	143.5040-228.1627i	-0.2880+1.8860i	0.1894+2.8883i	-9.1944+8.1821i	0.0008-1.0033i	0.8195+2.6126i	-8.0445+4.2679i
65.3	0.9028-2.4909i	128.5237-232.5812i	-0.1068+1.8926i	0.4092+2.8702i	-8.4354+8.5264i	-0.0481-0.9853i	1.0564+2.1552i	-7.8230+4.6195i
65.4	0.6716-2.4984i	121.3407-231.1376i	0.0315+1.8891i	0.6862+2.8702i	-7.8863+8.4633i	-0.1214-0.9652i	1.4228+2.2713i	-7.7344+4.6090i
65.5	0.4646-2.5134i	113.9293-234.8067i	0.1644+1.8335i	0.8986+2.8292i	-7.4606+8.5124i	-0.1930-0.9561i	1.4801+2.1790i	-7.8001+4.8607i
65.6	0.2276-2.5122i	101.5939-236.8146i	0.2898+1.8066i	1.1035+2.8174i	-6.8121+8.5759i	-0.2800-0.9193i	1.7568+2.2009i	-7.5863+5.2218i
65.7	0.0651-2.5562i	97.7923-244.6283i	0.4210+1.8250i	1.4102+2.9381i	-6.6372+8.8677i	-0.3668-0.9493i	2.1658+2.3194i	-7.6874+5.5036i
65.8	-0.0687-2.5745i	95.4507-246.1768i	0.5218+1.8067i	1.7059+3.0180i	-6.5430+8.8269i	-0.4451-0.9665i	2.0222+2.3103i	-7.7572+5.7030i
65.9	-0.2371-2.4976i	90.6767-242.1568i	0.6148+1.7232i	1.9110+2.9767i	-6.2867+8.5055i	-0.5281-0.9494i	2.5146+2.2816i	-7.6095+5.7655i
66.0	-0.4861-2.4956i	79.3882-249.9362i	0.7951+1.6939i	2.3102+2.9257i	-5.8316+8.8240i	-0.6709-0.9349i	2.9299+2.0617i	-7.5178+6.1491i
66.1	-0.6902-2.3961i	74.5379-248.7350i	0.8706+1.5861i	2.7155+2.7872i	-5.7055+8.7432i	-0.7425-0.9032i	3.2996+2.0766i	-7.2929+6.2544i
66.2	-0.9128-2.2725i	67.1279-251.5790i	1.0065+1.4726i	3.1925+2.5479i	-5.4187+8.8575i	-0.8599-0.8511i	3.7261+1.9628i	-7.1826+6.4366i
66.3	-1.1154-2.1934i	62.8475-257.3297i	1.1009+1.3766i	3.6556+2.2143i	-5.3604+9.0808i	-0.9678-0.7872i	4.1859+1.4298i	-7.2476+6.7215i
66.4	-1.2490-2.0672i	56.5143-257.4486i	1.1876+1.1972i	4.1485+1.7315i	-5.0322+8.9910i	-1.1194-0.6369i	4.5804+0.9384i	-7.2846+6.8437i
66.5	-1.3663-1.8948i	46.9236-260.2088i	1.3087+1.0196i	4.4667+1.2488i	-4.5959+9.0605i	-1.2444-0.5149i	5.0262+0.6428i	-7.2343+7.2092i
66.6	-1.3777-1.7402i	39.3567-254.7739i	1.2719+0.8368i	4.4657+0.6724i	-4.3975+8.7950i	-1.2471-0.3996i	4.9692-0.1409i	-6.9540+7.3382i
66.7	-1.4580-1.5724i	35.9208-248.2655i	1.2297+0.6636i	4.4228+0.0282i	-4.2773+8.4761i	-1.2189-0.2701i	4.8208-0.6270i	-6.8187+7.2485i
66.8	-1.5742-1.4026i	29.1305-251.9228i	1.1817+0.5270i	4.2833-0.6248i	-4.1694+8.5722i	-1.2174-0.1581i	4.6998-1.3250i	-6.7999+7.6408i
66.9	-1.6721-1.2558i	19.8046-253.0846i	1.1697+0.3591i	4.1963-1.1460i	-3.9064+8.6707i	-1.2365-0.0791i	4.6118-1.7371i	-6.6233+7.9609i
67.0	-1.7188-1.1551i	18.6124-254.8268i	1.1192+0.2830i	4.1262-1.4532i	-3.9673+8.7492i	-1.3080+0.0036i	4.4659-2.5170i	-6.6905+8.2010i
67.1	-1.7714-0.9254i	10.3505-254.1099i	1.0091+0.1618i	3.7552-1.9905i	-3.7881+8.7268i	-1.2943+0.1471i	4.2160-2.6777i	-6.4905+8.5008i
67.2	-1.7844-0.6673i	1.6701-250.7775i	0.8723+0.0302i	3.3275-2.6254i	-3.5519+8.6898i	-1.2345+0.2685i	3.5436-3.3995i	-6.1068+8.7001i
67.3	-1.7901-0.3866i	-8.4412-247.8900i	0.7440-0.0594i	2.8506-3.1327i	-3.1954+8.7093i	-1.2276+0.3989i	3.4939-3.9110i	-5.7893+8.8983i
67.4	-1.7515-0.1715i	-15.5563-248.2163i	0.6712-0.1424i	2.4856-3.4263i	-2.9747+8.7584i	-1.2410+0.4951i	2.6739-4.1702i	-5.6874+9.2071i
67.5	-1.6629-0.1122i	-19.8381-245.8845i	0.6028-0.1745i	2.2050-3.4623i	-2.9136+8.8162i	-1.2259+0.5723i	2.4324-4.2553i	-5.4521+9.3079i
67.6	-1.6005+0.0059i	-21.0785-244.4393i	0.5373-0.1624i	1.8925-3.6008i	-2.9187+8.8843i	-1.2136+0.6383i	2.2644-4.3910i	-5.4469+9.2875i
67.7	-1.5001+0.1957i	-27.7008-240.7932i	0.4251-0.1907i	1.4090-3.7966i	-2.6511+8.8733i	-1.1934+0.7381i	1.5475-4.6343i	-5.2436+9.4107i
67.8	-1.3345+0.4093i	-37.8163-240.4856i	0.3241-0.2293i	0.7525-4.0526i	-2.2527+9.0511i	-1.1524+0.8691i	1.1384-4.8463i	-5.0046+9.7419i
67.9	-1.1514+0.5420i	-41.8392-234.1048i	0.2426-0.2375i	0.1491-4.0456i	-2.0066+8.8922i	-1.0297+0.9340i	0.2036-4.8352i	-4.7601+9.6753i
68.0	-0.9836+0.5323i	-42.0327-230.4023i	0.1939-0.2167i	-0.0530-3.7460i	-1.9580+8.8157i	-1.0156+0.9609i	0.2199-4.6148i	-4.6941+9.6865i
68.1	-0.7509+0.6146i	-53.8323-227.2479i	0.0995-0.2363i	-0.6417-3.6374i	-1.4107+8.8725i	-0.9606+1.0848i	-0.4822-4.4880i	-4.3580+10.0936i
68.2	-0.4910+0.5876i	-62.0635-217.9414i	-0.0164-0.2170i	-1.1737-3.3035i	-0.9397+8.6009i	-0.8284+1.1703i	-0.9427-4.0942i	-3.8613+10.1994i
68.3	-0.3252+0.5270i	-65.6213-217.0822i	-0.1013-0.1951i	-1.5178-2.9920i	-0.7560+8.5510i	-0.7813+1.2045i	-1.3401-3.8257i	-3.7186+10.4801i
68.4	-0.2140+0.4234i	-66.2176-215.9838i	-0.1776-0.1665i	-1.6452-2.6809i	-0.7467+8.5029i	-0.7712+1.2333i	-1.6104-3.5013i	-3.6767+10.7067i
68.5	0.0051+0.3899i	-74.2056-206.5153i	-0.2386-0.0751i	-2.0218-2.2148i	-0.2594+8.1849i	-0.6439+1.2690i	-1.7033-2.9528i	-3.1889+10.7571i
68.6	0.1881+0.1630i	-77.7021-198.3777i	-0.2897-0.0544i	-2.1278-1.7113i	-0.0164+7.8026i	-0.5882+1.3126i	-2.2465-2.3421i	-2.8727+10.8322i

68.7	0.0970-0.0027i	-78.0840-197.8586i	-0.3562+0.0007i	-1.9714-1.5264i	-0.1125+7.7969i	-0.5708+1.3353i	-1.8824-2.4662i	-2.7163+10.9238i
68.8	0.1669-0.0688i	-80.5484-192.8145i	-0.3872+0.0482i	-2.0355-1.3220i	0.0837+7.5956i	-0.5306+1.3567i	-2.0515-2.0483i	-2.4725+10.9031i
68.9	0.1635-0.2642i	-80.7812-187.4662i	-0.4138+0.0509i	-1.9328-1.1284i	0.1128+7.2472i	-0.4538+1.4128i	-1.8243-1.8594i	-2.2014+10.9376i
69.0	0.0308-0.4226i	-80.8844-184.7819i	-0.4589+0.1100i	-1.7242-0.9291i	0.0179+7.1077i	-0.3873+1.4347i	-1.6930-1.7021i	-1.9308+11.0073i
69.1	-0.0143-0.5030i	-84.0521-181.3315i	-0.5159+0.2029i	-1.7113-0.6761i	0.0868+7.0245i	-0.3136+1.4850i	-1.5788-1.3781i	-1.5482+11.1919i
69.2	-0.0901-0.6021i	-84.7231-180.2501i	-0.5408+0.2536i	-1.6314-0.5970i	0.0217+6.8787i	-0.2522+1.5355i	-1.8077-1.3358i	-1.3087+11.3018i
69.3	-0.0950-0.6860i	-86.0365-175.0735i	-0.5440+0.2923i	-1.5924-0.4946i	0.1337+6.6437i	-0.1956+1.5367i	-1.5553-1.2546i	-1.0199+11.2180i
69.4	-0.2094-0.7413i	-90.2158-169.9381i	-0.5661+0.3700i	-1.6175-0.4076i	0.1817+6.5321i	-0.0966+1.5786i	-1.6328-1.1603i	-0.5863+11.2630i
69.5	-0.4460-0.7342i	-93.6099-167.9800i	-0.5808+0.4294i	-1.5426-0.3825i	0.1656+6.5702i	0.0297+1.5931i	-1.5637-1.1188i	-0.0905+11.2653i
69.6	-0.5140-0.7169i	-94.8454-161.7174i	-0.5698+0.4532i	-1.5070-0.2959i	0.2357+6.4057i	0.1312+1.6006i	-1.4989-1.0063i	0.2328+11.0674i
69.7	-0.4207-0.7008i	-94.7428-152.1892i	-0.5616+0.4643i	-1.5051-0.1231i	0.3688+6.0267i	0.2185+1.5912i	-1.4647-0.7759i	0.5037+10.9291i
69.8	-0.3891-0.7039i	-96.6808-150.1698i	-0.5741+0.5066i	-1.5047-0.0648i	0.4038+5.9175i	0.3008+1.5880i	-1.7151-0.6809i	0.7401+10.9558i
69.9	-0.4778-0.7550i	-97.0040-150.8169i	-0.5550+0.5591i	-1.3778-0.0463i	0.3071+5.9945i	0.3334+1.6225i	-1.3413-0.7603i	0.9424+11.0410i
70.0	-0.5981-0.7886i	-97.2462-142.1449i	-0.5647+0.6171i	-1.2681+0.0816i	0.2756+5.7262i	0.4705+1.5500i	-1.2992-0.4631i	1.4369+10.7061i
70.1	-0.6635-0.8376i	-99.3618-141.1979i	-0.5238+0.6473i	-1.2433+0.1896i	0.2205+5.6945i	0.5631+1.5553i	-1.4112-0.5179i	1.7080+10.7501i
70.2	-0.7455-0.7966i	-105.0563-139.3783i	-0.4712+0.7095i	-1.1984+0.3048i	0.4332+5.8000i	0.6143+1.5324i	-1.3278-0.3574i	2.1223+10.7618i
70.3	-0.9013-0.7759i	-102.7206-134.5314i	-0.4615+0.7111i	-1.0414+0.2794i	0.2227+5.6615i	0.7104+1.4543i	-1.2764-0.2768i	2.3615+10.4972i
70.4	-1.0062-0.7892i	-100.9020-131.4265i	-0.4757+0.6906i	-0.9066+0.1914i	0.0847+5.5644i	0.7926+1.4529i	-0.8413-0.4321i	2.6151+10.3006i
70.5	-1.1208-0.7785i	-100.9700-126.5317i	-0.4710+0.6795i	-0.8788+0.1428i	0.1345+5.4092i	0.8685+1.4068i	-1.1312-0.5919i	2.9363+10.0692i
70.6	-1.1824-0.6829i	-99.8762-124.6835i	-0.4926+0.6838i	-0.8429+0.0978i	0.0482+5.4240i	0.8670+1.3473i	-1.0520-0.4329i	2.9243+9.8687i
70.7	-1.2866-0.6797i	-102.1893-121.0277i	-0.4816+0.6459i	-0.7339+0.1090i	0.0282+5.2758i	0.9715+1.3402i	-0.8319-0.5696i	3.2971+9.8004i
70.8	-1.3476-0.5689i	-101.2791-115.9808i	-0.4831+0.6848i	-0.6770+0.0538i	-0.0183+5.1936i	1.0351+1.2704i	-0.8097-0.5260i	3.5740+9.4565i
70.9	-1.3792-0.4564i	-99.6481-113.5057i	-0.4959+0.6965i	-0.6791-0.0192i	-0.0947+5.1359i	1.0898+1.2052i	-0.8486-0.6402i	3.6525+9.1765i
71.0	-1.3903-0.3765i	-99.2978-110.4002i	-0.5098+0.6908i	-0.6022-0.1171i	-0.1307+5.1176i	1.0996+1.1610i	-0.7635-0.5983i	3.7577+8.8798i
71.1	-1.4431-0.3253i	-99.4422-105.6219i	-0.5695+0.6848i	-0.6308-0.1603i	-0.1749+4.9709i	1.1640+1.1511i	-0.8854-0.8434i	3.9148+8.7558i
71.2	-1.4886-0.2415i	-96.1647-105.7069i	-0.6209+0.7237i	-0.6810-0.2540i	-0.4508+5.0466i	1.2264+1.0373i	-0.6986-0.8110i	3.9579+8.4970i
71.3	-1.4890-0.1030i	-96.5905-104.4589i	-0.6042+0.7945i	-0.7546-0.3573i	-0.4486+5.2014i	1.2337+0.9634i	-0.9309-0.7027i	3.9767+8.2719i
71.4	-1.5120-0.0917i	-95.9692-99.4490i	-0.6432+0.7672i	-0.7933-0.4162i	-0.5291+5.0312i	1.3076+0.9312i	-0.9514-1.1223i	4.1193+8.1122i
71.5	-1.5971-0.0669i	-94.5408-97.2647i	-0.7072+0.7720i	-0.7935-0.5243i	-0.7117+4.9442i	1.3886+0.9067i	-0.9571-0.9881i	4.2733+7.9574i
71.6	-1.6170+0.0263i	-95.3862-94.2592i	-0.7076+0.8087i	-0.8602-0.6209i	-0.7331+5.0254i	1.4117+0.8300i	-1.0336-1.0470i	4.3958+7.7857i
71.7	-1.5826+0.1412i	-94.7305-91.1905i	-0.6982+0.8889i	-0.9242-0.6061i	-0.7193+5.1039i	1.3848+0.7428i	-1.2131-1.1461i	4.3849+7.5033i
71.8	-1.5983+0.2622i	-93.4369-90.0374i	-0.7398+0.9641i	-1.0677-0.6083i	-0.7766+5.2272i	1.4027+0.6415i	-1.0291-1.2240i	4.4221+7.2604i
71.9	-1.6072+0.3292i	-92.2391-85.3513i	-0.7463+0.9850i	-1.1568-0.6385i	-0.8076+5.1211i	1.4396+0.5699i	-1.5118-1.0601i	4.5987+7.0255i
72.0	-1.6257+0.3646i	-92.1584-82.2173i	-0.7892+1.0092i	-1.1939-0.7379i	-0.8743+5.0668i	1.5063+0.5817i	-1.3040-1.2767i	4.7573+6.9931i
72.1	-1.6561+0.5341i	-91.4469-80.6643i	-0.8378+1.1325i	-1.4692-0.7746i	-0.9643+5.2836i	1.5313+0.4731i	-1.6224-1.3096i	4.8148+6.7001i
72.2	-1.6011+0.6352i	-90.6314-79.6499i	-0.8391+1.2137i	-1.6291-0.7194i	-0.9879+5.4708i	1.5078+0.4150i	-1.7967-1.2347i	4.7155+6.5915i
72.3	-1.5413+0.7542i	-90.3466-79.5939i	-0.7976+1.3073i	-1.7609-0.6471i	-0.9371+5.7317i	1.5018+0.3647i	-1.8632-1.2732i	4.7715+6.4925i
72.4	-1.5077+0.8116i	-89.9243-77.0258i	-0.7760+1.3482i	-1.8420-0.5494i	-0.9407+5.7192i	1.4918+0.3024i	-1.9342-0.9451i	4.7821+6.3251i
72.5	-1.4962+0.9441i	-88.2477-77.9846i	-0.7998+1.4689i	-2.0586-0.4873i	-1.0864+5.9123i	1.4898+0.2128i	-2.2475-0.9045i	4.6164+6.2075i
72.6	-1.4480+1.0145i	-87.0389-77.3751i	-0.7779+1.5352i	-2.2399-0.3700i	-1.0170+5.9417i	1.5231+0.1195i	-2.4379-1.1015i	4.6485+6.0411i
72.7	-1.3635+1.0356i	-88.3646-74.0623i	-0.7107+1.5610i	-2.3021-0.2336i	-0.8085+5.9065i	1.5235+0.1021i	-2.3495-0.7409i	4.7447+5.9489i
72.8	-1.3781+1.1597i	-86.1819-72.0727i	-0.7710+1.6418i	-2.4903-0.2443i	-0.8809+5.9870i	1.5848+0.0586i	-2.5783-0.6884i	4.7958+5.8162i
72.9	-1.2893+1.2522i	-85.1497-69.7003i	-0.6888+1.7291i	-2.5431-0.0559i	-0.7904+6.1314i	1.5419-0.0661i	-2.6569-0.5082i	4.8238+5.5697i
73.0	-1.2049+1.2925i	-84.6995-69.1673i	-0.6213+1.8151i	-2.5948+0.1098i	-0.6935+6.2486i	1.5045-0.0716i	-2.7101-0.5179i	4.7602+5.5461i
73.1	-1.1728+1.4342i	-84.2970-68.5378i	-0.5967+1.9129i	-2.8083+0.2009i	-0.7587+6.4055i	1.5526-0.1599i	-3.0955-0.1244i	4.8595+5.4853i
73.2	-1.0242+1.5063i	-83.9077-66.5083i	-0.5117+2.0261i	-2.8938+0.5019i	-0.6900+6.6432i	1.4746-0.2766i	-3.0613-0.1503i	4.8120+5.3164i
73.3	-0.9406+1.5832i	-83.8214-65.3906i	-0.4357+2.0889i	-2.8927+0.6000i	-0.6091+6.7553i	1.4812-0.3184i	-2.9497-0.0356i	4.8924+5.2961i
73.4	-0.7998+1.5889i	-81.6826-64.5459i	-0.2999+2.0668i	-2.8283+0.7283i	-0.5806+6.7018i	1.3783-0.4142i	-2.9492+0.2623i	4.7516+5.0201i
73.5	-0.6363+1.6308i	-79.1156-62.9793i	-0.1835+2.1681i	-2.8982+1.0353i	-0.4767+6.7450i	1.3026-0.5812i	-3.1153+0.4916i	4.7305+4.6571i
73.6	-0.4951+1.6241i	-79.6351-60.8506i	-0.0560+2.2033i	-2.9109+1.2938i	-0.2360+6.7808i	1.2793-0.6196i	-3.0315+0.7624i	4.8035+4.6046i
73.7	-0.3880+1.5777i	-79.2897-61.6585i	0.0271+2.1615i	-2.9247+1.4871i	-0.2271+6.9413i	1.1775-0.6232i	-3.2440+0.9696i	4.5347+4.5568i
73.8	-0.3664+1.5760i	-77.8040-59.0595i	0.0709+2.1604i	-2.9277+1.5876i	-0.3345+6.7639i	1.1918-0.6898i	-2.8814+0.9627i	4.6552+4.3595i
73.9	-0.3006+1.5098i	-78.9954-57.0185i	0.1647+2.0693i	-2.7945+1.6644i	-0.1018+6.6253i	1.1820-0.6713i	-3.0841+1.2997i	4.7643+4.2292i
74.0	-0.1941+1.5038i	-78.4040-56.4425i	0.2434+2.0606i	-2.7917+1.9261i	0.0786+6.9027i	1.1083-0.7255i	-3.0027+1.2735i	4.7042+4.1482i
74.1	-0.1722+1.5185i	-77.9739-53.8750i	0.2704+2.0734i	-2.8447+2.1313i	-0.0312+7.0199i	1.1163-0.8101i	-2.9502+1.6159i	4.7455+4.0545i
74.2	-0.0834+1.4745i	-76.2631-52.7396i	0.3543+2.0177i	-2.6440+2.2902i	0.1038+7.0915i	1.0165-0.8355i	-2.8215+1.7934i	4.5747+3.8614i
74.3	0.0064+1.5076i	-72.7115-53.1372i	0.4271+2.0497i	-2.5492+2.6110i	0.1247+7.2944i	0.9017-0.9226i	-2.7037+2.1558i	4.4221+3.6573i
74.4	0.0300+1.4477i	-73.8156-52.5708i	0.4459+1.9786i	-2.4375+2.7645i	0.2627+7.2209i	0.8852-0.9553i	-2.7729+2.3263i	4.4030+3.5969i
74.5	0.0764+1.4031i	-74.1087-50.5450i	0.4722+1.9573i	-2.3156+2.9414i	0.4225+7.2458i	0.8605-0.9893i	-2.4298+2.1502i	4.4043+3.5217i
74.6	0.1232+1.4356i	-71.7542-50.5994i	0.4384+1.9874i	-2.3084+3.2259i	0.2388+7.4454i	0.7495-1.1195i	-2.6742+2.8735i	4.1239+3.2422i
74.7	0.1216+1.4020i	-73.4682-49.8847i	0.3683+1.9581i	-2.2015+3.2635i	0.3251+7.4135i	0.7546-1.1066i	-2.3560+2.8390i	4.0390+3.3102i
74.8	0.1544+1.3945i	-72.7899-47.9904i	0.3866+1.9979i	-2.0357+3.3131i	0.4429+7.4867i	0.7156-1.1033i	-2.2415+2.6256i	3.9995+3.3498i
74.9	0.2476+1.4051i	-71.2002-47.5676i	0.4157+2.0724i	-1.8722+3.5348i	0.6575+7.7003i	0.5763-1.1507i	-2.0718+2.9557i	3.8066+3.2495i

75.0	0.2733+1.3726i	-70.2539-46.0284i	0.3945+2.0965i	-1.7990+3.5760i	0.6523+7.5735i	0.5394-1.1861i	-2.0382+3.0522i	3.6924+3.2145i
75.1	0.3449+1.3320i	-70.0181-44.6670i	0.4708+2.0949i	-1.4699+3.6514i	0.8869+7.6299i	0.3933-1.1740i	-1.6617+3.1470i	3.5392+3.1074i
75.2	0.4414+1.3562i	-69.1915-45.0080i	0.5783+2.1772i	-1.2578+3.8391i	1.2223+7.9216i	0.3310-1.2057i	-1.4983+3.1797i	3.5467+3.2073i
75.3	0.4656+1.3383i	-69.1952-43.6038i	0.5988+2.2071i	-1.1321+3.8418i	1.3752+7.9872i	0.3035-1.1903i	-1.2464+3.2599i	3.5115+3.2976i
75.4	0.5120+1.2894i	-69.1681-44.0110i	0.6458+2.2350i	-0.9504+3.8382i	1.5523+7.9614i	0.1869-1.1489i	-1.1767+3.2554i	3.3233+3.3754i
75.5	0.5773+1.2816i	-68.5557-42.3158i	0.7342+2.2775i	-0.7625+3.9736i	1.6262+7.9233i	0.0993-1.2177i	-0.9685+3.4973i	3.2846+3.2843i
75.6	0.5916+1.2731i	-67.9293-40.9943i	0.7332+2.3262i	-0.6182+3.9936i	1.6717+8.0839i	-0.0008-1.1530i	-0.7789+3.4909i	3.0884+3.5363i
75.7	0.6712+1.2445i	-66.6146-41.3085i	0.8416+2.3737i	-0.5067+4.0901i	1.9062+8.0221i	-0.0522-1.1957i	-0.7530+3.6103i	3.0940+3.4731i
75.8	0.7562+1.2191i	-66.3703-40.0759i	0.9703+2.4034i	-0.2705+4.1686i	2.1367+7.9846i	-0.1498-1.2176i	-0.5859+3.4999i	3.1127+3.4460i
75.9	0.8287+1.1498i	-65.2593-39.7652i	1.1369+2.4031i	0.0079+4.1604i	2.4697+8.0332i	-0.2129-1.1012i	-0.2843+3.7003i	3.2077+3.7336i
76.0	0.8653+1.1178i	-64.0835-39.0810i	1.1539+2.4525i	0.1024+4.2586i	2.3642+8.0305i	-0.2813-1.1390i	-0.0630+3.6575i	3.0943+3.7568i
76.1	0.9057+1.1070i	-64.6002-37.5488i	1.2446+2.5146i	0.2536+4.3971i	2.4806+8.1773i	-0.3570-1.1576i	-0.1368+3.8771i	3.1392+3.8425i
76.2	0.9510+1.0286i	-64.0439-36.8924i	1.3486+2.4204i	0.4933+4.3340i	2.6196+7.9849i	-0.4335-1.1251i	0.2297+3.7301i	3.1711+3.8331i
76.3	0.9860+0.9580i	-62.7872-35.7310i	1.4307+2.3797i	0.6779+4.3342i	2.7220+7.8409i	-0.5352-1.1056i	0.3490+3.7202i	3.1574+3.8199i
76.4	1.0517+0.8819i	-62.5912-35.2483i	1.5641+2.3630i	0.9574+4.2572i	2.9503+7.8903i	-0.6480-0.9757i	0.6071+3.7093i	3.1545+3.9978i
76.5	1.0687+0.8448i	-61.1234-35.3783i	1.5778+2.3996i	0.8968+4.2288i	2.9653+7.7753i	-0.5557-0.9558i	0.7708+3.5267i	3.3357+4.1218i
76.6	1.0190+0.7111i	-60.7403-34.5257i	1.6885+2.2914i	1.2420+4.1630i	3.0844+7.6745i	-0.6810-0.9358i	0.7929+3.8490i	3.3539+3.9521i
76.7	1.0228+0.6734i	-60.7407-33.4891i	1.7656+2.2696i	1.5288+4.0317i	3.1642+7.8891i	-0.8087-0.7591i	1.1674+3.2796i	3.1816+4.2919i
76.8	1.0654+0.6422i	-60.0185-33.5647i	1.9221+2.2670i	1.7056+4.0126i	3.4295+7.9659i	-0.8198-0.6902i	1.4124+3.4612i	3.4190+4.4420i
76.9	1.0772+0.5779i	-59.0164-32.6165i	1.9662+2.1664i	1.7951+3.9459i	3.5026+7.6864i	-0.8394-0.6957i	1.3605+3.3728i	3.5184+4.2535i
77.0	1.0857+0.5087i	-58.5298-31.8041i	2.1016+2.0922i	2.0314+3.8423i	3.7470+7.7662i	-0.8817-0.5725i	1.7583+3.2231i	3.6809+4.4088i
77.1	1.1005+0.4640i	-57.9769-30.4086i	2.1837+2.0807i	2.2281+3.8025i	3.8123+7.8650i	-0.9722-0.5161i	1.7763+3.4304i	3.7537+4.4949i
77.2	1.0314+0.3782i	-57.5633-29.9197i	2.1632+1.9911i	2.3571+3.6238i	3.6862+7.8859i	-1.0032-0.3985i	1.8868+2.9160i	3.6466+4.6098i
77.3	1.0093+0.3386i	-57.0682-28.7261i	2.2802+1.9616i	2.6025+3.4926i	3.9142+7.9861i	-1.0038-0.2963i	2.2907+2.9834i	3.8456+4.6749i
77.4	1.0125+0.3042i	-56.8647-28.7960i	2.2759+1.9133i	2.6557+3.3850i	3.9376+8.0775i	-1.0284-0.2548i	2.0254+2.7780i	3.8898+4.7390i
77.5	1.0026+0.2828i	-56.1976-28.5869i	2.4322+1.8504i	2.9005+3.2962i	4.3187+8.1492i	-1.0708-0.1664i	2.5075+2.5691i	4.1613+4.7786i
77.6	1.0083+0.2883i	-54.6536-27.8355i	2.5531+1.8349i	3.1189+3.1707i	4.6563+8.2138i	-1.0897-0.1109i	2.6654+2.5439i	4.4750+4.7817i
77.7	0.9983+0.2248i	-53.9913-28.0489i	2.5320+1.7059i	3.0783+2.9154i	4.5890+8.1679i	-1.0439+0.0053i	2.5317+2.2567i	4.3393+4.8589i
77.8	0.9798+0.1805i	-53.5054-26.5682i	2.5658+1.5792i	3.1450+2.7301i	4.9025+8.0042i	-0.9897+0.0722i	2.7308+2.1777i	4.6185+4.7754i
77.9	0.9651+0.2040i	-53.4771-26.0473i	2.6013+1.6144i	3.2167+2.6804i	4.9039+8.2545i	-1.0182+0.1313i	2.6688+1.9529i	4.6657+4.9379i
78.0	0.9721+0.1591i	-53.1121-26.3095i	2.6480+1.6216i	3.3525+2.5963i	4.9907+8.5465i	-1.0791+0.2341i	2.6916+1.9855i	4.6932+5.0998i
78.1	0.9322+0.1519i	-51.9598-25.4911i	2.6828+1.5515i	3.3030+2.3557i	5.5290+8.5007i	-0.9149+0.3333i	2.7342+1.7201i	5.1676+5.2508i
78.2	0.9646+0.1317i	-52.0307-25.2667i	2.8763+1.5001i	3.4712+2.2430i	6.2288+8.6008i	-0.8601+0.3778i	2.8720+1.4548i	5.8258+5.2198i
78.3	0.9851+0.1001i	-52.2572-24.4421i	2.9720+1.4580i	3.6146+2.2057i	6.5086+8.6658i	-0.8783+0.4234i	2.9039+1.4998i	6.1003+5.1606i
78.4	0.9609+0.0662i	-50.5988-23.3274i	3.0444+1.4209i	3.6548+2.0047i	6.8461+8.8441i	-0.8317+0.5343i	3.0257+1.3698i	6.2944+5.3093i
78.5	0.9662+0.0215i	-49.5819-23.3739i	3.0680+1.3101i	3.5987+1.7941i	7.1448+8.5922i	-0.7493+0.5831i	2.7734+1.2612i	6.4459+5.0793i
78.6	0.9630-0.0464i	-48.9832-22.5952i	3.1467+1.0936i	3.6245+1.5407i	7.8778+7.9957i	-0.6483+0.6024i	2.6664+0.8543i	6.9835+4.5460i
78.7	0.9581-0.0757i	-49.0878-22.7315i	3.2497+0.9367i	3.7042+1.4120i	8.2818+7.5128i	-0.6113+0.5643i	3.1023+0.7436i	7.3407+4.0375i
78.8	0.9278-0.1407i	-48.1227-22.6352i	3.2339+0.7599i	3.6730+1.1530i	8.4291+7.1710i	-0.5610+0.6280i	2.7597+0.7325i	7.2479+3.6856i
78.9	0.9238-0.2236i	-47.3805-22.3343i	3.2664+0.5027i	3.6520+0.9105i	8.7629+6.3233i	-0.4995+0.6001i	2.6996+0.4738i	7.4130+2.8746i
79.0	0.6926-0.2895i	-48.0227-20.5828i	2.6678+0.5965i	3.2700+0.9371i	6.8531+6.6045i	-0.6841+0.7085i	2.4763+0.4241i	5.4732+3.5040i
79.1	0.7068-0.0195i	-46.5102-20.0755i	3.3113+1.3046i	3.6162+1.3327i	9.1645+9.7001i	-0.3600+1.0783i	2.7296+0.6970i	7.9841+6.3828i
79.2	0.8658-0.0522i	-44.9259-20.7078i	3.7803+0.7641i	3.8497+1.0892i	11.1512+7.5575i	-0.1079+0.7743i	2.8678+0.6039i	9.9349+4.1755i
79.3	0.8177-0.1998i	-44.1436-19.8682i	3.5700+0.1149i	3.8176+0.6111i	10.8053+5.0734i	-0.1605+0.5485i	2.5734+0.5288i	9.3224+1.7747i
79.4	0.8129-0.2474i	-43.1421-19.6503i	3.5863-0.0420i	3.8681+0.4404i	10.8619+4.6365i	-0.1859+0.5753i	2.8893+0.3418i	9.2310+1.2515i
79.5	0.7739-0.2676i	-42.2225-19.0199i	3.4852-0.1594i	3.8207+0.3569i	10.4930+4.0016i	-0.2392+0.5002i	2.8741+0.3235i	8.7943+0.6615i
79.6	0.7147-0.2977i	-41.4051-18.0421i	3.3733-0.4181i	3.7669+0.0706i	10.2430+3.0923i	-0.2440+0.5015i	2.8331+0.0980i	8.3109-0.1815i
79.7	0.6780-0.3037i	-41.0798-18.7646i	3.2194-0.5751i	3.6590-0.0649i	9.7637+2.4103i	-0.2531+0.4545i	2.8310+0.1189i	7.6582-0.8030i
79.8	0.6320-0.2953i	-40.0013-18.7666i	3.1022-0.5471i	3.5543-0.0951i	9.4224+2.4222i	-0.2637+0.4577i	2.7492+0.0049i	7.1901-0.5758i
79.9	0.5928-0.2867i	-38.2894-18.0848i	2.9262-0.6305i	3.4535-0.2288i	8.8280+2.0459i	-0.3098+0.4694i	2.7957+0.0163i	6.5079-0.7139i
80.0	0.5783-0.2749i	-37.9276-17.8706i	2.9223-0.6692i	3.4329-0.3257i	8.6683+2.1051i	-0.3203+0.5292i	2.9538-0.0650i	6.2171-0.5152i

2.1.3 Run 1 – IP000 – Accels 17–24

In-plane shaking at 0°. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-2.6756+0.0000i	2.2719+0.0000i	13.1733+0.0000i	11.9237+0.0000i	6.1622+0.0000i	8.4282+0.0000i	6.5843+0.0000i	10.9246+0.0000i
0.1	-0.1937+3.6585i	3.1787+7.1543i	1.5353+3.4930i	1.1539-7.5926i	0.4590-4.1044i	4.4072-13.1704i	0.5588-2.1076i	-1.7235+0.4029i
0.2	-1.9598-3.9923i	-1.5246+0.5169i	2.0628-0.1526i	-6.0746+7.9908i	0.2613-2.9564i	-3.2800-3.7187i	1.7905-0.1414i	0.3365-1.6323i
0.3	-0.7489-1.1634i	-1.2519+1.0769i	0.7706+0.3070i	-3.3470-1.5916i	-0.8913-0.1972i	2.4706+1.6835i	0.9538+0.9031i	0.2856-0.0611i
0.4	-0.0269-0.0046i	-0.3726-1.0907i	0.1000+0.3204i	-6.4935-9.2315i	-0.1100+0.2297i	0.5965+0.0380i	0.1834-0.5977i	0.1978-0.2364i
0.5	-0.3657+0.9646i	1.6628-0.0248i	0.0504-1.5192i	3.9087+10.3722i	-0.1930+0.1463i	-0.6691+0.5829i	-0.0789-0.2546i	-0.0221+0.3196i
0.6	-0.4867+2.4584i	0.3030-1.0533i	0.4334+1.4920i	21.8855+11.9008i	-0.4047+1.0664i	2.4729+0.0230i	0.1232-0.5112i	0.2142-0.3617i
0.7	0.3180+0.5353i	-0.3325+0.2552i	1.0037+0.4643i	-0.5451-3.6000i	-0.1068-0.0980i	0.6083-0.6259i	-0.0711-0.0587i	0.0908+0.0162i
0.8	-0.1546+0.0964i	0.0385-0.1415i	0.7121+0.0169i	2.7622+1.4265i	0.0049-0.0501i	-0.0571+0.3355i	-0.0461-0.0234i	-0.0406+0.0127i
0.9	-0.1502-0.0993i	0.0082+0.0315i	0.3456-0.1511i	-0.6297-1.5882i	0.0977+0.0037i	-0.0888+0.0128i	-0.0816-0.0028i	0.0330-0.0201i
1.0	-0.0992-0.0533i	0.0119-0.0574i	0.1485+0.0211i	-0.7463+0.1684i	0.0107-0.1189i	-0.0464+0.0369i	-0.1285-0.0019i	0.0110-0.0524i
1.1	-0.1335-0.0515i	-0.0327-0.0021i	0.1554+0.0603i	0.4316+1.0762i	-0.0596-0.0347i	0.0165-0.0376i	-0.1031-0.0120i	-0.0626-0.0312i
1.2	-0.2024+0.0098i	-0.0437+0.0175i	0.0408-0.0132i	-0.2948-0.0584i	-0.0921+0.0476i	0.0418+0.0151i	-0.1622-0.0056i	-0.0730+0.0322i
1.3	-0.1698+0.0449i	0.0477+0.0533i	-0.3132-0.0240i	0.8388-0.2573i	0.2330+0.1299i	0.0555-0.0404i	-0.2390-0.0528i	0.1250+0.0849i
1.4	-0.2346-0.0238i	0.0280-0.0048i	-0.1279+0.0887i	-0.2453-0.2822i	0.1780-0.0124i	0.0749+0.0175i	-0.2758-0.0138i	0.0941-0.0019i
1.5	-0.1694-0.1073i	0.1135-0.0570i	-0.1170+0.0959i	-0.4360+0.0733i	0.6146-0.2952i	0.0396+0.0078i	-0.4307+0.0404i	0.3422-0.1545i
1.6	-0.5518-0.1276i	-0.0422-0.0630i	0.0559+0.0435i	-0.3716-0.1905i	-0.4040-0.3825i	0.0524+0.0010i	-0.3275+0.0471i	-0.2163-0.2211i
1.7	-0.5934-0.0428i	-0.0011-0.0259i	0.0063+0.0113i	-0.3800+0.3074i	-0.1340-0.0704i	0.0615+0.0099i	-0.4854-0.0029i	-0.0829-0.0495i
1.8	-0.7550-0.0360i	0.0230-0.0238i	0.0138+0.0242i	-0.7148-0.0939i	-0.0801-0.0448i	0.0699-0.0028i	-0.6625-0.0066i	-0.0541-0.0322i
1.9	-1.0052-0.0167i	0.0451-0.0445i	0.0086+0.0590i	-0.9377-0.0660i	-0.0453-0.0428i	0.1054+0.0062i	-0.9057-0.0004i	-0.0363-0.0460i
2.0	-1.4268+0.0212i	0.0672-0.0976i	0.0084+0.1210i	-1.3539+0.0952i	-0.0212-0.0647i	0.1310+0.0001i	-1.3088+0.0239i	-0.0334-0.0831i
2.1	-2.2113+0.2194i	0.0498-0.3831i	0.0642+0.4485i	-2.1221+0.3456i	-0.0067-0.1813i	0.2013-0.0176i	-2.0745+0.1253i	-0.0710-0.2929i
2.2	-4.3725+0.7778i	-0.7918-0.1067i	1.1168+0.1192i	-4.3602+0.6947i	-0.2546-0.1036i	0.3434-0.0449i	-4.4227+0.7897i	-0.7697-0.0785i
2.3	-3.7055+16.3671i	0.2234+0.7428i	-0.0169-1.6139i	-2.4160+15.1478i	0.0656-0.1189i	0.2423-1.2624i	-3.1577+16.1632i	-0.0156+1.2075i
2.4	4.9583+1.8895i	0.1088-0.0016i	-0.4514-0.1021i	4.7675+2.1574i	-0.1442-0.0270i	-0.3279-0.1936i	4.8740+1.7622i	0.2498+0.0782i
2.5	2.8374+0.6192i	0.0089-0.0258i	-0.1969+0.0681i	2.9583+0.3141i	-0.1209-0.0195i	-0.1362-0.0460i	2.7837+0.5479i	0.0997+0.0078i
2.6	2.0623+0.3367i	-0.0124-0.0218i	-0.0605+0.0319i	2.0735+0.2102i	-0.1038-0.0103i	-0.0935-0.0251i	2.0183+0.3024i	0.0532+0.0039i
2.7	1.6400+0.2432i	-0.0158-0.0207i	-0.0181+0.0192i	1.5132+0.2284i	-0.0992-0.0090i	-0.0501-0.0115i	1.6040+0.2070i	0.0307-0.0024i
2.8	1.3853+0.1841i	-0.0147-0.0111i	-0.0134-0.0004i	1.3247+0.1566i	-0.0941-0.0083i	-0.0439-0.0095i	1.3581+0.1598i	0.0209+0.0009i
2.9	1.2217+0.1458i	-0.0190-0.0036i	-0.0177+0.0032i	1.2807+0.1695i	-0.0857-0.0036i	-0.0166-0.0135i	1.1936+0.1261i	0.0143+0.0024i
3.0	1.0984+0.1220i	-0.0186-0.0041i	-0.0108+0.0105i	1.0646+0.2006i	-0.0843-0.0026i	-0.0047-0.0055i	1.0732+0.1050i	0.0101+0.0010i
3.1	1.0134+0.1137i	-0.0220-0.0050i	-0.0012+0.0042i	1.0400+0.1297i	-0.0811-0.0047i	0.0053-0.0067i	0.9863+0.0986i	0.0066+0.0005i
3.2	0.9493+0.1015i	-0.0195-0.0058i	0.0066+0.0002i	0.9591+0.1210i	-0.0772-0.0033i	0.0165-0.0071i	0.9226+0.0881i	0.0051+0.0004i
3.3	0.8986+0.0943i	-0.0191-0.0047i	0.0116+0.0073i	0.8631+0.0755i	-0.0750-0.0045i	0.0285-0.0059i	0.8712+0.0828i	0.0040-0.0006i
3.4	0.8561+0.0860i	-0.0213-0.0059i	0.0087+0.0077i	0.8254+0.0590i	-0.0742-0.0037i	0.0361-0.0051i	0.8283+0.0746i	0.0025+0.0006i
3.5	0.8224+0.0756i	-0.0181-0.0034i	0.0145-0.0003i	0.8024+0.0641i	-0.0732-0.0035i	0.0486-0.0059i	0.7926+0.0655i	-0.0008-0.0004i
3.6	0.7938+0.0756i	-0.0221-0.0040i	0.0089+0.0075i	0.7978+0.0464i	-0.0707-0.0046i	0.0591-0.0002i	0.7612+0.0648i	-0.0008-0.0015i
3.7	0.7668+0.0738i	-0.0179-0.0034i	0.0274-0.0015i	0.8026+0.1154i	-0.0708-0.0031i	0.0635-0.0031i	0.7348+0.0627i	-0.0013-0.0004i
3.8	0.7447+0.0660i	-0.0239-0.0007i	0.0462-0.0160i	0.8182+0.0801i	-0.0710-0.0029i	0.0785-0.0044i	0.7103+0.0577i	-0.0020+0.0004i
3.9	0.7292+0.0659i	-0.0213-0.0037i	0.0388-0.0119i	0.6779+0.1123i	-0.0697-0.0038i	0.0860+0.0010i	0.6928+0.0574i	-0.0031-0.0003i
4.0	0.7159+0.0643i	-0.0211-0.0004i	0.0449+0.0017i	0.7207+0.0647i	-0.0682-0.0036i	0.0958-0.0036i	0.6760+0.0569i	-0.0025+0.0003i
4.1	0.7056+0.0636i	-0.0223-0.0026i	0.0374+0.0002i	0.8199+0.1420i	-0.0658-0.0039i	0.1103+0.0001i	0.6622+0.0552i	-0.0027+0.0007i
4.2	0.6925+0.0608i	-0.0215-0.0029i	0.0455+0.0001i	0.5449-0.0076i	-0.0685-0.0027i	0.1175-0.0030i	0.6457+0.0556i	-0.0038-0.0012i
4.3	0.6844+0.0638i	-0.0171-0.0024i	0.0575-0.0147i	0.6109+0.0192i	-0.0652-0.0048i	0.1293-0.0065i	0.6322+0.0578i	-0.0008-0.0010i
4.4	0.6787+0.0657i	-0.0192-0.0013i	0.0407+0.0004i	0.5916-0.0324i	-0.0650-0.0052i	0.1474-0.0079i	0.6227+0.0577i	-0.0017-0.0023i
4.5	0.6785+0.0688i	-0.0277-0.0065i	0.0585+0.0025i	0.6672+0.2176i	-0.0696-0.0081i	0.1572-0.0052i	0.6221+0.0620i	-0.0082-0.0025i
4.6	0.6747+0.0684i	-0.0250-0.0030i	0.0543-0.0109i	0.7211+0.0795i	-0.0664-0.0040i	0.1717-0.0062i	0.6096+0.0646i	-0.0074-0.0007i
4.7	0.6685+0.0665i	-0.0231-0.0024i	0.0793+0.0010i	0.5162-0.0732i	-0.0668-0.0045i	0.1861-0.0007i	0.6016+0.0613i	-0.0060-0.0007i
4.8	0.6720+0.0653i	-0.0270-0.0031i	0.1117+0.0066i	0.5179+0.0588i	-0.0655-0.0061i	0.2001-0.0062i	0.5976+0.0640i	-0.0066-0.0011i
4.9	0.6711+0.0773i	-0.0229-0.0037i	0.0966+0.0136i	0.5408+0.2518i	-0.0678-0.0049i	0.2138-0.0051i	0.5913+0.0747i	-0.0073+0.0010i
5.0	0.6698+0.0782i	-0.0257+0.0003i	0.0898-0.0349i	0.5165+0.0990i	-0.0645-0.0073i	0.2324-0.0138i	0.5824+0.0741i	-0.0083-0.0009i
5.1	0.6686+0.0869i	-0.0254-0.0066i	0.0684-0.0315i	0.6148+0.1977i	-0.0630-0.0079i	0.2596-0.0141i	0.5719+0.0812i	-0.0075-0.0023i
5.2	0.6705+0.0917i	-0.0277-0.0059i	0.1038-0.0037i	0.5239+0.0677i	-0.0664-0.0073i	0.2795-0.0207i	0.5695+0.0847i	-0.0073-0.0027i
5.3	0.6778+0.0954i	-0.0302-0.0058i	0.1229+0.0007i	0.5319+0.1825i	-0.0626-0.0082i	0.3070-0.0251i	0.5680+0.0980i	-0.0081-0.0017i
5.4	0.6849+0.1094i	-0.0263-0.0087i	0.1003+0.0372i	0.6025+0.0767i	-0.0677-0.0100i	0.3187-0.0212i	0.5644+0.1145i	-0.0089-0.0042i
5.5	0.7008+0.1273i	-0.0247-0.0069i	0.1306+0.0333i	0.9196+0.1823i	-0.0707-0.0107i	0.3379-0.0363i	0.5738+0.1302i	-0.0095-0.0020i
5.6	0.7110+0.1339i	-0.0275-0.0045i	0.1375+0.0178i	0.6604+0.1845i	-0.0672-0.0091i	0.3586-0.0485i	0.5740+0.1402i	-0.0104-0.0031i

5.7	0.7529+0.1399i	-0.0329-0.0029i	0.1688+0.0136i	0.6344+0.1851i	-0.0687-0.0113i	0.3832-0.0582i	0.6000+0.1527i	-0.0084-0.0029i
5.8	0.7557+0.1532i	-0.0374-0.0118i	0.1655-0.0067i	0.5766+0.3461i	-0.0661-0.0111i	0.4124-0.0704i	0.5865+0.1696i	-0.0079-0.0038i
5.9	0.8143+0.1688i	-0.0351-0.0143i	0.1923-0.0001i	0.5797+0.1510i	-0.0702-0.0158i	0.4234-0.0851i	0.6361+0.1886i	-0.0098-0.0084i
6.0	0.8490+0.1691i	-0.0506-0.0101i	0.1821-0.0178i	0.7992+0.1884i	-0.0708-0.0192i	0.4456-0.0811i	0.6491+0.1839i	-0.0166-0.0076i
6.1	0.8845+0.1497i	-0.0516-0.0125i	0.1757-0.0340i	0.6795+0.0833i	-0.0766-0.0134i	0.4635-0.0754i	0.6745+0.1680i	-0.0193-0.0053i
6.2	0.9211+0.1544i	-0.0566-0.0056i	0.2309-0.0258i	0.7956+0.3864i	-0.0822-0.0121i	0.4868-0.0787i	0.6897+0.1782i	-0.0235-0.0011i
6.3	0.9562+0.1402i	-0.0613-0.0004i	0.2101-0.0622i	0.9196+0.2998i	-0.0812-0.0109i	0.5163-0.0804i	0.7034+0.1688i	-0.0280+0.0026i
6.4	0.9992+0.1266i	-0.0662+0.0069i	0.2124-0.0309i	0.9013+0.2731i	-0.0851-0.0049i	0.5627-0.0832i	0.7157+0.1600i	-0.0251+0.0062i
6.5	1.0668+0.1209i	-0.0646+0.0113i	0.2696-0.0257i	0.8302+0.2382i	-0.0835-0.0071i	0.5971-0.0779i	0.7551+0.1625i	-0.0196+0.0105i
6.6	1.1269+0.1001i	-0.0726+0.0108i	0.2954-0.0585i	0.8369-0.0734i	-0.0845-0.0081i	0.6451-0.0793i	0.7685+0.1651i	-0.0218+0.0113i
6.7	1.2274+0.0781i	-0.0779+0.0164i	0.2944-0.0453i	0.7306+0.3278i	-0.0861-0.0059i	0.7003-0.0837i	0.8180+0.1691i	-0.0196+0.0103i
6.8	1.3514+0.0192i	-0.0879+0.0259i	0.3353-0.0702i	1.0638+0.5399i	-0.0948-0.0039i	0.7536-0.1013i	0.8814+0.1646i	-0.0241+0.0136i
6.9	1.5162-0.0812i	-0.0992+0.0405i	0.4212-0.1735i	1.0536+0.1328i	-0.1030-0.0006i	0.8059-0.1148i	0.9608+0.1284i	-0.0257+0.0159i
7.0	1.7055-0.3492i	-0.1129+0.0686i	0.4391-0.3060i	1.1783-0.0570i	-0.1088+0.0043i	0.8550-0.1445i	1.0505+0.0333i	-0.0258+0.0212i
7.1	1.7820-0.8605i	-0.1141+0.1215i	0.4026-0.4063i	1.0988-0.4627i	-0.1141+0.0182i	0.9163-0.1495i	1.1220-0.1518i	-0.0230+0.0257i
7.2	1.2132-1.3814i	-0.0502+0.1845i	0.1982-0.5584i	0.7819-0.6923i	-0.0968+0.0554i	0.9882-0.0983i	0.9557-0.3866i	-0.0097+0.0495i
7.3	0.6940-1.1759i	0.0292+0.1510i	0.0195-0.4625i	0.7644-0.3564i	-0.0693+0.0461i	1.1691-0.1321i	0.7290-0.3697i	0.0170+0.0349i
7.4	0.2722-1.0579i	0.0680+0.1156i	-0.0540-0.3384i	0.4064-0.2790i	-0.0557+0.0368i	1.2518-0.3015i	0.5428-0.3233i	0.0221+0.0086i
7.5	0.1734-0.4491i	0.0637+0.0458i	0.0461-0.2062i	0.3079-0.0118i	-0.0547+0.0170i	1.2693-0.2991i	0.4985-0.1002i	0.0026+0.0040i
7.6	0.4513-0.2042i	0.0379+0.0317i	0.1265-0.1469i	0.6896-0.1062i	-0.0599+0.0078i	1.3993-0.3217i	0.5844-0.0024i	-0.0028+0.0104i
7.7	0.6348-0.1578i	0.0262+0.0328i	0.1143-0.1476i	0.7618-0.0569i	-0.0625+0.0083i	1.5489-0.3887i	0.6525+0.0232i	0.0036+0.0129i
7.8	0.7735-0.1745i	0.0120+0.0253i	0.0983-0.1679i	0.8514+0.1115i	-0.0632+0.0063i	1.7010-0.4891i	0.7039+0.0191i	0.0034+0.0127i
7.9	0.8773-0.2500i	0.0152+0.0281i	0.1620-0.1622i	0.4704-0.0099i	-0.0637+0.0040i	1.8281-0.6491i	0.7422+0.0040i	0.0060+0.0084i
8.0	0.8361-0.2524i	0.0126+0.0380i	0.2060-0.1509i	0.7255+0.0969i	-0.0666+0.0083i	1.8260-0.7480i	0.7343+0.0065i	0.0007+0.0219i
8.1	1.0052-0.3039i	0.0180+0.0229i	0.1970-0.1745i	0.7831-0.0714i	-0.0647+0.0042i	2.0132-0.8997i	0.8062-0.0160i	0.0129+0.0044i
8.2	0.9675-0.3581i	0.0084+0.0269i	0.1450-0.2168i	0.8927+0.0870i	-0.0626+0.0005i	2.0268-1.0307i	0.7981-0.0415i	0.0072+0.0000i
8.3	0.9738-0.3370i	0.0077+0.0131i	0.1647-0.2056i	0.5486-0.0413i	-0.0651-0.0008i	2.1645-1.0775i	0.8029-0.0364i	0.0070-0.0004i
8.4	1.0838-0.3179i	0.0090+0.0161i	0.2049-0.1717i	0.8230-0.3522i	-0.0635-0.0049i	2.4392-1.1322i	0.8431-0.0312i	0.0063+0.0036i
8.5	1.2084-0.3427i	0.0025+0.0127i	0.2286-0.1564i	0.7930-0.0617i	-0.0693-0.0052i	2.7691-1.2781i	0.8869-0.0425i	0.0091-0.0076i
8.6	1.3601-0.4046i	-0.0090+0.0131i	0.2761-0.1530i	0.9112-0.0271i	-0.0735-0.0134i	3.2367-1.5615i	0.9373-0.0566i	0.0076-0.0086i
8.7	1.4541-0.5699i	-0.0138+0.0041i	0.2800-0.2020i	0.8248-0.1065i	-0.0758-0.0146i	3.5575-2.0803i	0.9686-0.1141i	0.0067-0.0187i
8.8	1.6460-0.7424i	-0.0265+0.0105i	0.3264-0.2259i	1.0070-0.1461i	-0.0826-0.0175i	4.1459-2.7004i	1.0452-0.1791i	-0.0016-0.0251i
8.9	1.7161-1.0454i	-0.0371+0.0247i	0.3565-0.2736i	1.0227-0.3361i	-0.0817-0.0066i	4.3880-3.7660i	1.0648-0.2817i	-0.0014-0.0177i
9.0	1.8860-1.3622i	-0.0366+0.0143i	0.4263-0.2999i	1.2868-0.5927i	-0.0672-0.0307i	4.9821-4.9522i	1.1223-0.3768i	0.0088-0.0369i
9.1	1.4373-1.8493i	-0.0240+0.0211i	0.3848-0.4082i	1.2270-1.1302i	-0.1003-0.0622i	3.3421-6.5979i	0.9950-0.5335i	-0.0269-0.0724i
9.2	1.8184-1.8428i	-0.0796+0.0090i	0.4452-0.4551i	1.2024-0.6188i	-0.1394-0.0425i	4.7909-6.8887i	1.1097-0.5249i	-0.0604-0.0636i
9.3	1.5068-3.1350i	-0.1177+0.0687i	0.3895-0.6794i	1.3372-1.1204i	-0.1769-0.0284i	3.4525-11.5381i	1.0457-0.9343i	-0.1063-0.0481i
9.4	0.0076-3.6682i	-0.1097+0.1515i	0.1307-0.7591i	0.3898-1.3871i	-0.1980+0.0232i	-2.1275-13.3222i	0.5856-1.1418i	-0.1485+0.0030i
9.5	-1.2464-2.9072i	-0.0361+0.1850i	-0.0829-0.6064i	-0.0160-1.0513i	-0.1688+0.0716i	-6.6054-10.4434i	0.1737-0.9305i	-0.1238+0.0657i
9.6	-1.5275-1.8884i	0.0272+0.1802i	-0.1251-0.4043i	-0.3022-0.8043i	-0.1284+0.1024i	-7.5257-6.7606i	0.0607-0.6114i	-0.0772+0.1074i
9.7	-1.4051-1.2596i	0.0483+0.1678i	-0.0701-0.2963i	0.1355-0.6101i	-0.1096+0.1077i	-7.0172-4.5445i	0.0844-0.4119i	-0.0513+0.1167i
9.8	-1.2102-0.8641i	0.0666+0.1551i	-0.0245-0.2581i	0.0733-0.3132i	-0.0885+0.1082i	-6.3106-3.1607i	0.1405-0.2787i	-0.0261+0.1226i
9.9	-1.0009-0.6306i	0.0877+0.1224i	-0.0180-0.2329i	0.0461-0.4301i	-0.0611+0.0924i	-5.6367-2.3627i	0.2112-0.1928i	0.0061+0.1062i
10.0	-0.8437-0.4794i	0.1070+0.1077i	0.0348-0.2155i	0.1686-0.3052i	-0.0496+0.0849i	-5.1047-1.8089i	0.2610-0.1463i	0.0240+0.0974i
10.1	-0.7083-0.3671i	0.1085+0.0910i	0.1429-0.1695i	0.0310-0.2036i	-0.0407+0.0698i	-4.5935-1.4358i	0.3007-0.1055i	0.0351+0.0808i
10.2	-0.5878-0.2918i	0.1108+0.0726i	0.2146-0.1225i	0.1952-0.1504i	-0.0330+0.0507i	-4.1908-1.1998i	0.3397-0.0762i	0.0427+0.0643i
10.3	-0.4921-0.2714i	0.1084+0.0669i	0.2070-0.1706i	0.2438-0.2368i	-0.0322+0.0487i	-3.8833-1.1080i	0.3754-0.0777i	0.0453+0.0609i
10.4	-0.4268-0.2426i	0.1150+0.0671i	0.2255-0.1499i	0.3884-0.1122i	-0.0299+0.0452i	-3.7201-1.0527i	0.4034-0.0601i	0.0509+0.0557i
10.5	-0.3744-0.1958i	0.1231+0.0592i	0.3374-0.1357i	0.3412+0.1947i	-0.0291+0.0366i	-3.5805-0.9026i	0.4253-0.0352i	0.0551+0.0499i
10.6	-0.3091-0.1601i	0.1314+0.0383i	0.4573-0.2107i	0.4892-0.1617i	-0.0261+0.0339i	-3.3978-0.7633i	0.4467-0.0280i	0.0585+0.0411i
10.7	-0.2602-0.1448i	0.1224+0.0337i	0.4889-0.2724i	0.1950+0.1650i	-0.0246+0.0327i	-3.2374-0.6977i	0.4658-0.0224i	0.0564+0.0376i
10.8	-0.2135-0.1264i	0.1137+0.0199i	0.4672-0.3527i	0.3707+0.0588i	-0.0275+0.0253i	-3.1246-0.6810i	0.4898-0.0166i	0.0592+0.0350i
10.9	-0.1847-0.1100i	0.1216+0.0176i	0.4517-0.3433i	0.5641+0.0274i	-0.0150+0.0162i	-3.0357-0.6010i	0.5023-0.0065i	0.0706+0.0289i
11.0	-0.1534-0.1036i	0.1195+0.0132i	0.5805-0.3292i	0.3867+0.0437i	-0.0166+0.0138i	-2.9738-0.5390i	0.5155-0.0049i	0.0713+0.0227i
11.1	-0.1053-0.0866i	0.1251+0.0101i	0.6788-0.3850i	0.2550+0.0858i	-0.0140+0.0045i	-2.8517-0.4690i	0.5360-0.0003i	0.0771+0.0218i
11.2	-0.0680-0.0837i	0.1224+0.0030i	0.6992-0.5539i	0.6085-0.1556i	-0.0141-0.0103i	-2.7392-0.4362i	0.5535-0.0044i	0.0785+0.0115i
11.3	-0.0340-0.0850i	0.1252-0.0116i	0.5839-0.8190i	0.5660-0.0098i	-0.0142-0.0269i	-2.6566-0.4442i	0.5784-0.0054i	0.0865-0.0029i
11.4	-0.0091-0.0701i	0.1180-0.0367i	0.3211-0.9634i	0.3830-0.0623i	-0.0205-0.0431i	-2.6192-0.4084i	0.5905+0.0017i	0.0876-0.0302i
11.5	0.0148-0.0648i	0.1072-0.0393i	-0.0894-0.9780i	0.5183+0.0957i	-0.0486-0.0520i	-2.5481-0.3776i	0.5928+0.0081i	0.0672-0.0420i
11.6	0.0366-0.0482i	0.0759-0.0303i	-0.2868-0.6321i	0.4009-0.0990i	-0.0710-0.0372i	-2.4900-0.3427i	0.6130+0.0104i	0.0442-0.0372i
11.7	0.0693-0.0513i	0.0753-0.0203i	-0.2282-0.3101i	0.7754+0.1222i	-0.0818-0.0276i	-2.4104-0.3425i	0.6302+0.0168i	0.0373-0.0339i
11.8	0.0976-0.0476i	0.0701-0.0095i	-0.1370-0.1488i	0.7102+0.0774i	-0.0823-0.0168i	-2.3748-0.3555i	0.6443+0.0197i	0.0293-0.0228i
11.9	0.1163-0.0572i	0.0817-0.0034i	0.1022+0.1189i	0.5099-0.0787i	-0.0732-0.0072i	-2.3281-0.3701i	0.6611+0.0115i	0.0325-0.0093i

12.0	0.1430−0.0517i	0.0845+0.0042i	0.3763+0.3786i	0.5723−0.1487i	−0.0623−0.0071i	−2.2987−0.3746i	0.6819+0.0165i	0.0344−0.0101i
12.1	0.1681−0.0590i	0.0994−0.0058i	0.7002+0.2634i	0.7813+0.0218i	−0.0561−0.0081i	−2.2964−0.3874i	0.7067+0.0187i	0.0457−0.0113i
12.2	0.1862−0.0535i	0.1059−0.0065i	1.0276+0.0487i	0.7178+0.1365i	−0.0525−0.0148i	−2.2814−0.3785i	0.7182+0.0220i	0.0484−0.0152i
12.3	0.2010−0.0562i	0.1196−0.0163i	1.0824−0.0972i	0.4249+0.2754i	−0.0432−0.0243i	−2.2781−0.3907i	0.7361+0.0214i	0.0611−0.0160i
12.4	0.2169−0.0612i	0.1348−0.0222i	1.1029−0.1822i	0.6524+0.1211i	−0.0421−0.0330i	−2.2368−0.4162i	0.7399+0.0152i	0.0667−0.0289i
12.5	0.2359−0.0689i	0.1394−0.0250i	1.2370−0.1816i	0.7618+0.0535i	−0.0436−0.0478i	−2.2082−0.4538i	0.7509+0.0136i	0.0725−0.0411i
12.6	0.2446−0.0716i	0.1387−0.0406i	1.3172−0.2330i	0.8352+0.0587i	−0.0529−0.0631i	−2.2412−0.4985i	0.7725+0.0178i	0.0690−0.0563i
12.7	0.2505−0.0780i	0.1424−0.0537i	1.4234−0.3295i	0.7333+0.2404i	−0.0614−0.0709i	−2.3223−0.5216i	0.7864+0.0218i	0.0604−0.0635i
12.8	0.2640−0.0717i	0.1427−0.0632i	1.5360−0.3827i	0.9964−0.0873i	−0.0725−0.0774i	−2.4125−0.5125i	0.8088+0.0249i	0.0560−0.0747i
12.9	0.2606−0.0695i	0.1402−0.0737i	1.6676−0.3917i	0.9284+0.0162i	−0.0884−0.0857i	−2.4688−0.4829i	0.8220+0.0335i	0.0459−0.0750i
13.0	0.2804−0.0588i	0.1412−0.0777i	1.7618−0.4841i	0.8789+0.1071i	−0.0937−0.0870i	−2.4805−0.4224i	0.8394+0.0336i	0.0419−0.0799i
13.1	0.2857−0.0381i	0.1366−0.0845i	1.8111−0.5670i	1.1561+0.0968i	−0.1087−0.0902i	−2.4704−0.3597i	0.8548+0.0476i	0.0331−0.0846i
13.2	0.2999−0.0235i	0.1334−0.1029i	1.9490−0.7514i	0.9070−0.4529i	−0.1243−0.0980i	−2.4989−0.3285i	0.8787+0.0608i	0.0230−0.0908i
13.3	0.3222−0.0219i	0.1312−0.1061i	2.0801−0.8963i	0.6790−0.0986i	−0.1400−0.0952i	−2.4720−0.2878i	0.9053+0.0585i	0.0183−0.0921i
13.4	0.3386−0.0199i	0.1402−0.1091i	2.3759−0.9982i	1.3454−0.0275i	−0.1599−0.0976i	−2.4952−0.2931i	0.9404+0.0702i	0.0042−0.0952i
13.5	0.3826−0.0016i	0.1537−0.1103i	2.7315−1.0485i	0.9380−0.1390i	−0.1772−0.0826i	−2.4833−0.2813i	0.9892+0.0742i	−0.0012−0.0841i
13.6	0.4229+0.0192i	0.1664−0.1133i	3.0214−1.2890i	1.0805−0.0485i	−0.1913−0.0716i	−2.4836−0.2651i	1.0326+0.0778i	0.0031−0.0775i
13.7	0.4579+0.0246i	0.1780−0.1481i	3.2384−1.7242i	1.1713−0.1011i	−0.1978−0.0602i	−2.4717−0.2990i	1.0794+0.0835i	0.0049−0.0797i
13.8	0.5085+0.0234i	0.1752−0.1743i	3.3059−2.0927i	1.0611+0.0575i	−0.2162−0.0300i	−2.4951−0.3191i	1.1293+0.0662i	−0.0051−0.0775i
13.9	0.5650+0.0146i	0.1694−0.1987i	3.5250−2.3951i	1.1163−0.1350i	−0.1910+0.0217i	−2.5366−0.3767i	1.1864+0.0457i	0.0044−0.0560i
14.0	0.6103−0.0188i	0.1634−0.2519i	3.6591−3.0739i	1.4585+0.1728i	−0.1504+0.0130i	−2.5887−0.3893i	1.2166+0.0149i	0.0265−0.0710i
14.1	0.6567−0.0632i	0.1407−0.2892i	3.5031−3.7225i	1.3552−0.2289i	−0.1197−0.0120i	−2.6377−0.4141i	1.2486−0.0108i	0.0374−0.1054i
14.2	0.6798−0.1110i	0.1067−0.3193i	3.2440−4.2114i	1.1668−0.0595i	−0.1257−0.0465i	−2.7052−0.4805i	1.2866−0.0210i	0.0226−0.1222i
14.3	0.6970−0.1334i	0.0613−0.3331i	2.9066−4.6610i	1.3821−0.2751i	−0.1311−0.0604i	−2.8346−0.4772i	1.3194−0.0501i	0.0071−0.1378i
14.4	0.6911−0.1570i	0.0196−0.3403i	2.7882−4.8518i	1.5075−0.0327i	−0.1388−0.0684i	−2.9742−0.4879i	1.3476−0.0696i	−0.0135−0.1410i
14.5	0.7211−0.1869i	−0.0026−0.3481i	2.6393−5.2870i	1.4386+0.2904i	−0.1320−0.0875i	−3.0634−0.4248i	1.3863−0.0910i	−0.0141−0.1463i
14.6	0.7469−0.1937i	−0.0101−0.3404i	2.6508−5.7200i	1.4680−0.0614i	−0.1352−0.1107i	−3.1678−0.4038i	1.4289−0.1034i	−0.0092−0.1613i
14.7	0.7685−0.2313i	−0.0479−0.3705i	2.2694−6.5389i	1.8268−0.2896i	−0.1693−0.1377i	−3.2755−0.4142i	1.4919−0.1309i	−0.0279−0.1791i
14.8	0.7632−0.2832i	−0.1152−0.4121i	1.3566−7.2578i	1.6301−0.4636i	−0.2015−0.1942i	−3.4073−0.3980i	1.5160−0.1506i	−0.0612−0.2154i
14.9	0.7606−0.2842i	−0.1654−0.3889i	0.7807−7.0608i	1.6475−0.3288i	−0.2499−0.1907i	−3.6091−0.4303i	1.5698−0.1353i	−0.0939−0.2155i
15.0	0.7748−0.2994i	−0.2368−0.3508i	0.4213−6.7251i	1.6648−0.1726i	−0.3090−0.2035i	−3.8868−0.3691i	1.6438−0.1511i	−0.1350−0.2193i
15.1	0.7873−0.3108i	−0.2832−0.2667i	0.5193−5.9362i	1.6023−0.0081i	−0.3736−0.1672i	−4.1004−0.2295i	1.7211−0.1905i	−0.1895−0.1837i
15.2	0.8148−0.2822i	−0.2725−0.2002i	1.1849−5.5553i	1.9681+0.0708i	−0.3653−0.1058i	−4.2261−0.1406i	1.7896−0.1922i	−0.1793−0.1340i
15.3	0.8571−0.3039i	−0.2534−0.1731i	2.2515−6.3137i	2.2271−0.4872i	−0.3694−0.0880i	−4.4397+0.0607i	1.8735−0.2539i	−0.1840−0.1136i
15.4	0.8970−0.3085i	−0.2307−0.1548i	3.4799−6.7939i	2.0520−0.6409i	−0.3759−0.0857i	−4.6424+0.1912i	1.9680−0.2906i	−0.1763−0.1073i
15.5	0.9332−0.3146i	−0.1850−0.1635i	5.3196−9.2049i	2.1240−0.6368i	−0.3489−0.1041i	−4.9052+0.4283i	2.0807−0.3310i	−0.1451−0.1233i
15.6	0.9763−0.3227i	−0.1807−0.2130i	5.9905−12.9350i	2.2440−0.6648i	−0.3750−0.1609i	−5.0836+0.7731i	2.1792−0.3951i	−0.1569−0.1499i
15.7	1.0389−0.3634i	−0.1860−0.2545i	5.6104−17.7514i	2.2056−0.6522i	−0.4288−0.2405i	−5.3849+1.1430i	2.3464−0.4998i	−0.1864−0.1939i
15.8	1.1039−0.3832i	−0.2665−0.3561i	2.1666−24.0453i	2.3436−1.4879i	−0.5460−0.3480i	−5.4963+1.6329i	2.4769−0.6009i	−0.2666−0.2669i
15.9	1.2255−0.3681i	−0.4003−0.3720i	−3.7975−28.0459i	2.5490−1.2191i	−0.7538−0.3616i	−5.5508+1.9676i	2.6621−0.6855i	−0.3758−0.2760i
16.0	1.3483−0.4443i	−0.5799−0.2968i	−12.3821−28.8898i	2.7082−1.3235i	−1.0031−0.2490i	−5.6248+2.4194i	2.8764−0.9092i	−0.5306−0.1947i
16.1	1.4752−0.5086i	−0.7060−0.1794i	−20.5352−25.9376i	2.4663−1.7097i	−1.2117−0.0461i	−5.7276+2.6853i	3.0460−1.1148i	−0.6301−0.0652i
16.2	1.6478−0.6078i	−0.7837+0.0292i	−25.7712−20.3091i	3.5477−1.3992i	−1.2815+0.2475i	−5.8728+3.1019i	3.2697−1.4046i	−0.6539+0.1277i
16.3	1.9124−0.7814i	−0.7290+0.2082i	−26.0105−16.6543i	2.9475−2.3327i	−1.1250+0.5242i	−6.1481+3.7476i	3.5231−1.8183i	−0.5158+0.2875i
16.4	2.0177−1.1484i	−0.6744+0.3542i	−29.2323−14.8234i	3.3210−2.4333i	−1.0179+0.6397i	−6.1489+4.6017i	3.5656−2.4196i	−0.4306+0.3380i
16.5	2.1359−1.6009i	−0.5719+0.5453i	−35.1324−12.4626i	3.4047−3.4851i	−0.9250+0.6596i	−6.0989+5.6130i	3.5538−3.1178i	−0.3410+0.3248i
16.6	2.0405−2.0747i	−0.4609+0.6773i	−50.1288−9.1299i	3.0157−4.8966i	−1.1191+0.6277i	−5.8556+7.1342i	3.3039−3.8459i	−0.4112+0.2697i
16.7	1.8781−2.3908i	−0.3331+0.8200i	−55.6390+15.6822i	3.0385−5.4458i	−1.2569+1.1107i	−4.6258+8.1416i	2.9451−4.3108i	−0.4693+0.4831i
16.8	1.5395−2.9130i	0.0153+0.8659i	−39.3760+31.5246i	1.3022−4.7089i	−0.8999+1.5005i	−2.8008+9.0347i	2.2013−5.0756i	−0.2858+0.6229i
16.9	0.9962−3.2395i	0.2654+0.8071i	−22.0170+40.9425i	0.1754−5.5821i	−0.4209+1.7953i	−1.0243+9.1860i	1.2062−5.4317i	−0.0634+0.7678i
17.0	0.3032−3.3531i	0.4870+0.6159i	−11.0568+35.1837i	−0.7855−5.7700i	−0.0030+1.6692i	0.7816+8.7023i	0.0610−5.4277i	0.1420+0.6562i
17.1	−0.2246−3.0698i	0.6761+0.2937i	−11.4194+28.9707i	−1.7027−5.5079i	0.1200+1.3495i	1.9912+7.5594i	−0.6789−4.7954i	0.1947+0.4553i
17.2	−0.4742−3.0133i	0.4709+0.1854i	7.5741+41.7318i	−1.3891−4.6325i	0.5422+1.6126i	2.7241+6.8767i	−1.0822−4.6216i	0.3837+0.6012i
17.3	−0.8131−2.7577i	0.5101+0.1615i	15.2397+19.9501i	−1.9585−4.2429i	0.7873+1.0491i	3.2485+5.5518i	−1.5444−4.0511i	0.4883+0.2776i
17.4	−1.0478−2.4603i	0.5992+0.0068i	8.5542+12.0797i	−2.2394−3.8506i	0.6560+0.7799i	3.2553+4.4580i	−1.7495−3.5291i	0.3926+0.1069i
17.5	−1.1124−2.2428i	0.5193−0.1925i	4.9336+14.4328i	−2.4768−3.1138i	0.5614+0.7456i	2.9306+3.8846i	−1.7375−3.1845i	0.2987+0.0870i
17.6	−1.2203−2.0871i	0.3520−0.2203i	9.3419+12.7733i	−2.2996−2.8926i	0.6181+0.6992i	2.8284+3.4399i	−1.8191−2.9600i	0.3032+0.0595i
17.7	−1.3040−1.8945i	0.3094−0.2094i	8.5506+7.0677i	−2.0740−2.4104i	0.6090+0.5486i	2.7618+2.9258i	−1.9135−2.6543i	0.2553−0.0230i
17.8	−1.3905−1.7072i	0.3071−0.2670i	5.5005+5.2146i	−2.1808−2.0298i	0.5702+0.4474i	2.6840+2.4402i	−2.0161−2.3673i	0.1934−0.0674i
17.9	−1.4686−1.5108i	0.2612−0.3330i	4.1992+5.1765i	−2.2851−1.8300i	0.5394+0.3966i	2.5101+2.0498i	−2.0550−2.0668i	0.1538−0.0751i
18.0	−1.4879−1.3360i	0.1819−0.3733i	3.4041+4.8324i	−2.0870−1.4776i	0.4969+0.3307i	2.2686+1.6726i	−2.0315−1.8019i	0.1021−0.0933i
18.1	−1.4935−1.1557i	0.1095−0.3919i	3.3757+4.3457i	−2.1673−1.2906i	0.4715+0.2812i	2.0539+1.4005i	−1.9849−1.5512i	0.0700−0.1021i
18.2	−1.4628−0.9982i	0.0709−0.4094i	2.5090+4.2434i	−1.9402−0.9132i	0.4301+0.2523i	1.8074+1.1958i	−1.9067−1.3471i	0.0304−0.1022i

18.3	−1.4172−0.8570i	0.0289−0.4300i	1.9568+4.4364i	−1.9060−0.7970i	0.3926+0.2472i	1.6073+1.0597i	−1.8153−1.1719i	−0.0139−0.0777i
18.4	−1.3551−0.7165i	−0.0369−0.4474i	1.6441+4.9483i	−1.8919−0.6035i	0.3543+0.2470i	1.4205+0.8572i	−1.7100−0.9993i	−0.0545−0.0471i
18.5	−1.2732−0.6291i	−0.1213−0.4923i	1.7155+5.3658i	−1.6924−0.6510i	0.3480+0.2573i	1.1290+0.5717i	−1.5939−0.8687i	−0.0699−0.0002i
18.6	−1.2244−0.5950i	−0.3203−0.4715i	2.8687+6.7801i	−1.5133−0.6109i	0.3785+0.2584i	0.3941+0.6458i	−1.4713−0.8005i	−0.0378+0.0452i
18.7	−1.2238−0.4975i	−0.3559−0.2620i	5.1772+4.8726i	−1.5004−0.7143i	0.3820+0.1899i	0.4672+1.2195i	−1.4156−0.7395i	−0.0008+0.0155i
18.8	−1.1777−0.4185i	−0.2948−0.2173i	4.4254+3.1326i	−1.4396−0.4513i	0.3398+0.1635i	0.6213+1.1838i	−1.3630−0.6691i	−0.0319−0.0085i
18.9	−1.1145−0.3324i	−0.3025−0.2013i	3.9886+2.8070i	−1.2360−0.5866i	0.3049+0.1721i	0.6094+1.1224i	−1.2781−0.5874i	−0.0600+0.0151i
19.0	−1.0573−0.2672i	−0.3125−0.1721i	3.8864+2.4076i	−1.3529−0.3531i	0.3053+0.1770i	0.5894+1.0657i	−1.2149−0.5240i	−0.0646+0.0358i
19.1	−0.9991−0.2108i	−0.3333−0.1376i	3.6944+1.8963i	−1.2633−0.1312i	0.2974+0.1799i	0.5191+1.0605i	−1.1354−0.4761i	−0.0628+0.0592i
19.2	−0.9407−0.1648i	−0.3282−0.0967i	3.4026+1.3746i	−1.0927−0.1335i	0.2982+0.1863i	0.4653+1.0540i	−1.0736−0.4358i	−0.0550+0.0760i
19.3	−0.8791−0.1267i	−0.3278−0.0602i	3.1307+0.8808i	−1.0432−0.1796i	0.3012+0.1900i	0.4403+1.0741i	−1.0071−0.4092i	−0.0476+0.0913i
19.4	−0.8139−0.1008i	−0.3161−0.0272i	2.7559+0.6202i	−1.0429−0.0848i	0.3147+0.1915i	0.4425+1.0824i	−0.9482−0.3891i	−0.0344+0.1048i
19.5	−0.7449−0.0805i	−0.2862+0.0017i	2.2051+0.4395i	−0.9040−0.0326i	0.3253+0.1843i	0.4599+1.0582i	−0.8944−0.3627i	−0.0182+0.1078i
19.6	−0.6849−0.0760i	−0.2571+0.0153i	1.6778+0.2201i	−0.8848−0.1219i	0.3302+0.1660i	0.4414+0.9668i	−0.8381−0.3398i	−0.0082+0.1068i
19.7	−0.6352−0.0755i	−0.2393+0.0102i	1.0705+0.2959i	−0.6910−0.0637i	0.3403+0.1420i	0.3481+0.8893i	−0.7816−0.3175i	0.0040+0.1109i
19.8	−0.5987−0.0587i	−0.2421−0.0000i	0.7229+0.6371i	−0.6679−0.0484i	0.3429+0.1385i	0.2516+0.9101i	−0.7305−0.3016i	0.0161+0.1127i
19.9	−0.5429−0.0641i	−0.2508+0.0028i	0.7762+0.9860i	−0.6182−0.0014i	0.3477+0.1182i	0.1897+0.9499i	−0.6714−0.2976i	0.0353+0.1087i
20.0	−0.4965−0.0671i	−0.2550+0.0194i	0.8872+1.0728i	−0.5109−0.2347i	0.3433+0.0963i	0.1668+0.9885i	−0.6221−0.3034i	0.0481+0.0941i
20.1	−0.4734−0.0763i	−0.2630+0.0312i	1.0678+1.0921i	−0.4657−0.2486i	0.3448+0.0755i	0.1916+1.0088i	−0.5917−0.3043i	0.0589+0.0832i
20.2	−0.4425−0.0965i	−0.2608+0.0429i	1.1810+0.9548i	−0.3555−0.1058i	0.3437+0.0676i	0.2144+0.9959i	−0.5670−0.3181i	0.0606+0.0711i
20.3	−0.4139−0.1118i	−0.2562+0.0570i	1.1091+0.7471i	−0.2620−0.2608i	0.3315+0.0546i	0.1907+0.9252i	−0.5249−0.3164i	0.0552+0.0627i
20.4	−0.3980−0.1347i	−0.2497+0.0648i	0.8807+0.5469i	−0.4205−0.2900i	0.3368+0.0439i	0.1384+0.9138i	−0.5049−0.3310i	0.0501+0.0530i
20.5	−0.3841−0.1580i	−0.2424+0.0698i	0.5832+0.5827i	−0.4480−0.2582i	0.3297+0.0311i	0.0520+0.9346i	−0.4733−0.3526i	0.0470+0.0431i
20.6	−0.3752−0.1721i	−0.2421+0.0749i	0.4407+0.6774i	−0.4480−0.3269i	0.3224+0.0230i	0.0065+0.9662i	−0.4499−0.3670i	0.0418+0.0440i
20.7	−0.3689−0.1689i	−0.2543+0.0890i	0.3720+0.7168i	−0.2541−0.2825i	0.3332+0.0067i	−0.0405+1.0085i	−0.4344−0.3645i	0.0365+0.0408i
20.8	−0.3650−0.1827i	−0.2546+0.1097i	0.3139+0.6705i	−0.2332−0.2857i	0.3313−0.0040i	−0.0411+1.0770i	−0.4287−0.3861i	0.0296+0.0338i
20.9	−0.3564−0.1966i	−0.2544+0.1114i	0.2107+0.7594i	−0.3251−0.2913i	0.3266−0.0157i	−0.0652+1.1008i	−0.4088−0.4013i	0.0232+0.0339i
21.0	−0.3569−0.1919i	−0.2578+0.1343i	0.1928+0.9063i	−0.2157−0.3783i	0.3328−0.0381i	−0.0860+1.1629i	−0.4058−0.4047i	0.0244+0.0352i
21.1	−0.3604−0.2061i	−0.2687+0.1493i	0.2597+1.1256i	−0.2701−0.2015i	0.3355−0.0559i	−0.0940+1.2258i	−0.4078−0.4240i	0.0232+0.0350i
21.2	−0.3708−0.2119i	−0.2680+0.1761i	0.2376+1.0772i	−0.2945−0.3696i	0.3368−0.0743i	−0.1035+1.3175i	−0.4130−0.4431i	0.0157+0.0386i
21.3	−0.3758−0.1888i	−0.2719+0.2250i	0.1734+1.1963i	−0.3147−0.2992i	0.3367−0.1104i	−0.0826+1.4212i	−0.4145−0.4344i	0.0102+0.0458i
21.4	−0.3859−0.1830i	−0.2577+0.2671i	0.2492+1.3396i	−0.4331−0.4517i	0.3252−0.1357i	0.0211+1.5741i	−0.4354−0.4473i	0.0057+0.0549i
21.5	−0.3909−0.1816i	−0.2211+0.2904i	0.2460+1.4796i	−0.3275−0.2781i	0.3136−0.1551i	0.2198+1.6491i	−0.4681−0.4528i	−0.0009+0.0648i
21.6	−0.3659−0.1732i	−0.1886+0.3212i	0.3366+1.4996i	−0.3360−0.4416i	0.2940−0.1908i	0.3415+1.6489i	−0.4608−0.4541i	0.0112+0.0762i
21.7	−0.3687−0.1561i	−0.1372+0.3404i	0.4991+1.5647i	−0.3490−0.3294i	0.2604−0.2255i	0.4839+1.6055i	−0.4848−0.4297i	0.0218+0.0901i
21.8	−0.3770−0.1426i	−0.0899+0.3520i	0.7214+1.6038i	−0.4816−0.4757i	0.2140−0.2485i	0.6171+1.5452i	−0.5175−0.4127i	0.0384+0.1012i
21.9	−0.3830−0.1486i	−0.0443+0.3496i	0.8913+1.5681i	−0.6396−0.5603i	0.1732−0.2690i	0.7327+1.4818i	−0.5378−0.4031i	0.0587+0.1052i
22.0	−0.3484−0.1432i	0.0310+0.3464i	1.1990+1.5881i	−0.4479−0.4522i	0.1017−0.2812i	0.8582+1.3803i	−0.5287−0.3785i	0.0899+0.1041i
22.1	−0.3339−0.1429i	0.0697+0.3073i	1.2986+1.4025i	−0.4857−0.3915i	0.0619−0.2473i	0.9163+1.2591i	−0.5138−0.3591i	0.1015+0.0893i
22.2	−0.3222−0.1461i	0.0926+0.2631i	1.3171+1.2265i	−0.5108−0.5570i	0.0401−0.2102i	0.9376+1.1214i	−0.5123−0.3421i	0.1118+0.0684i
22.3	−0.3109−0.1267i	0.1323+0.2442i	1.4028+0.9215i	−0.4658−0.4202i	−0.0033−0.1750i	1.0141+1.0601i	−0.5075−0.3035i	0.1199+0.0453i
22.4	−0.3204−0.1344i	0.1024+0.2056i	1.3918+0.6099i	−0.6111−0.3024i	0.0131−0.1349i	0.9304+0.9495i	−0.5046−0.2977i	0.1166+0.0204i
22.5	−0.3030−0.1315i	0.1304+0.1890i	1.1535+0.5273i	−0.5409−0.3306i	0.0196−0.1271i	0.9908+0.8602i	−0.4973−0.2735i	0.1073+0.0138i
22.6	−0.3112−0.1366i	0.1001+0.1371i	1.1560+0.4296i	−0.4477−0.2423i	0.0375−0.1223i	0.9108+0.7103i	−0.4864−0.2526i	0.0959−0.0072i
22.7	−0.3277−0.1397i	0.0831+0.1175i	1.0453+0.2985i	−0.5987−0.0309i	0.0313−0.1013i	0.8340+0.6555i	−0.4938−0.2423i	0.0899−0.0155i
22.8	−0.3232−0.1326i	0.0855+0.1007i	0.9737+0.3818i	−0.6750−0.1692i	0.0282−0.0989i	0.8127+0.5658i	−0.4827−0.2265i	0.0897−0.0219i
22.9	−0.3164−0.1391i	0.0809+0.0753i	1.0007+0.3321i	−0.3763−0.0859i	0.0424−0.0965i	0.7681+0.5042i	−0.4696−0.2154i	0.0811−0.0354i
23.0	−0.3113−0.1255i	0.0622+0.0784i	0.9584+0.2656i	−0.3631−0.2353i	0.0540−0.1136i	0.6941+0.4704i	−0.4556−0.1908i	0.0729−0.0430i
23.1	−0.3016−0.1144i	0.0685+0.0803i	0.7909+0.2561i	−0.5156−0.2545i	0.0500−0.1218i	0.6862+0.4718i	−0.4423−0.1789i	0.0684−0.0455i
23.2	−0.3010−0.1137i	0.0621+0.0709i	0.7368+0.3424i	−0.6960−0.1783i	0.0421−0.1246i	0.6324+0.4274i	−0.4291−0.1753i	0.0650−0.0413i
23.3	−0.3073−0.1118i	0.0440+0.0662i	0.6772+0.3430i	−0.3743−0.2661i	0.0461−0.1495i	0.5768+0.4067i	−0.4172−0.1668i	0.0497−0.0675i
23.4	−0.3047−0.1041i	0.0382+0.0501i	0.6471+0.3163i	−0.3743+0.0108i	0.0439−0.1379i	0.5664+0.3693i	−0.4117−0.1524i	0.0440−0.0683i
23.5	−0.2980−0.0887i	0.0411+0.0539i	0.6611+0.3172i	−0.4161−0.1769i	0.0232−0.1318i	0.5207+0.3417i	−0.3981−0.1327i	0.0377−0.0598i
23.6	−0.2937−0.0915i	0.0292+0.0584i	0.6433+0.3448i	−0.5687−0.1206i	−0.0062−0.1361i	0.4663+0.3386i	−0.3854−0.1363i	0.0194−0.0549i
23.7	−0.2933−0.0847i	0.0378+0.0636i	0.6952+0.3497i	−0.2710+0.0122i	−0.0548−0.1263i	0.4479+0.3309i	−0.3722−0.1336i	−0.0054−0.0485i
23.8	−0.2916−0.0868i	0.0411+0.0517i	0.7856+0.2743i	−0.4059+0.0356i	−0.0708−0.0894i	0.4324+0.2929i	−0.3682−0.1241i	−0.0111−0.0311i
23.9	−0.2980−0.0768i	0.0193+0.0421i	0.6974+0.1750i	−0.4766−0.0647i	−0.0504−0.0725i	0.3782+0.2981i	−0.3561−0.1193i	−0.0117−0.0337i
24.0	−0.2898−0.0712i	0.0150+0.0473i	0.6263+0.1859i	−0.3277−0.0999i	−0.0455−0.0599i	0.3071+0.3293i	−0.3486−0.1170i	−0.0053−0.0311i
24.1	−0.2845−0.0564i	0.0067+0.0458i	0.6369+0.0951i	−0.4769−0.0959i	−0.0458−0.0577i	0.2737+0.3171i	−0.3325−0.1032i	−0.0089−0.0246i
24.2	−0.2844−0.0447i	0.0012+0.0438i	0.6119−0.0011i	−0.2760−0.1873i	−0.0587−0.0539i	0.2284+0.3278i	−0.3210−0.0930i	−0.0204−0.0231i
24.3	−0.2720−0.0425i	0.0039+0.0502i	0.5081+0.0357i	−0.3250−0.0072i	−0.0423−0.0380i	0.2178+0.3609i	−0.3090−0.0971i	−0.0116−0.0116i
24.4	−0.2690−0.0297i	0.0045+0.0565i	0.4663+0.0957i	−0.1253−0.0753i	−0.0427−0.0262i	0.1936+0.3832i	−0.3006−0.0897i	−0.0136−0.0112i
24.5	−0.2679−0.0377i	0.0037+0.0477i	0.4612+0.0440i	−0.2498−0.0301i	−0.0447+0.0008i	0.1910+0.3924i	−0.3020−0.0989i	−0.0148+0.0019i

24.6	-0.2694-0.0326i	-0.0031+0.0509i	0.4225+0.1055i	-0.3288-0.1485i	-0.0372-0.0027i	0.1683+0.4150i	-0.2925-0.0935i	-0.0081+0.0028i
24.7	-0.2516-0.0173i	-0.0044+0.0632i	0.3824+0.0919i	-0.2608-0.0531i	-0.0348+0.0004i	0.1466+0.4619i	-0.2768-0.0892i	-0.0134+0.0004i
24.8	-0.2406-0.0129i	0.0019+0.0646i	0.3304+0.0384i	-0.2553+0.0481i	-0.0429-0.0016i	0.1814+0.4922i	-0.2675-0.0880i	-0.0187+0.0099i
24.9	-0.2398-0.0042i	0.0020+0.0697i	0.2861+0.0544i	-0.1486+0.0608i	-0.0358+0.0031i	0.1757+0.5029i	-0.2636-0.0824i	-0.0221+0.0125i
25.0	-0.2358-0.0019i	0.0002+0.0726i	0.2709+0.0538i	-0.3259-0.2533i	-0.0261-0.0035i	0.1746+0.5143i	-0.2651-0.0796i	-0.0165+0.0101i
25.1	-0.2280+0.0068i	-0.0017+0.0730i	0.2622+0.0178i	-0.2856-0.2709i	-0.0232+0.0050i	0.1894+0.5681i	-0.2552-0.0850i	-0.0119+0.0095i
25.2	-0.2207+0.0124i	0.0016+0.0801i	0.2584+0.0291i	-0.2411+0.0394i	-0.0253+0.0028i	0.2204+0.5786i	-0.2472-0.0779i	-0.0132+0.0130i
25.3	-0.2084+0.0076i	0.0066+0.0780i	0.1967+0.0266i	-0.1153-0.2225i	-0.0162+0.0022i	0.2363+0.6043i	-0.2370-0.0777i	-0.0052+0.0087i
25.4	-0.1978+0.0245i	0.0044+0.0868i	0.1435+0.1155i	-0.3414-0.0586i	-0.0189+0.0109i	0.2711+0.6184i	-0.2313-0.0727i	-0.0113+0.0188i
25.5	-0.1946+0.0312i	0.0148+0.0897i	0.0813+0.1584i	-0.4417+0.0274i	-0.0127+0.0167i	0.3263+0.6114i	-0.2361-0.0631i	-0.0129+0.0191i
25.6	-0.1712+0.0371i	0.0259+0.0930i	0.1235+0.1134i	-0.3301-0.0189i	-0.0095+0.0072i	0.3815+0.6040i	-0.2277-0.0602i	-0.0057+0.0187i
25.7	-0.1547+0.0322i	0.0351+0.0832i	0.2395+0.0972i	-0.3389-0.0614i	-0.0079+0.0055i	0.4524+0.5664i	-0.2211-0.0538i	-0.0103+0.0132i
25.8	-0.1433+0.0257i	0.0433+0.0844i	0.2893+0.0638i	-0.4203-0.1366i	-0.0079+0.0097i	0.4697+0.5185i	-0.2122-0.0616i	-0.0108+0.0159i
25.9	-0.1337+0.0247i	0.0439+0.0752i	0.1710+0.0492i	-0.4420-0.0599i	-0.0112+0.0038i	0.4951+0.4751i	-0.2058-0.0551i	-0.0080+0.0147i
26.0	-0.1243+0.0169i	0.0545+0.0583i	0.0677+0.0563i	-0.3277-0.1692i	-0.0082+0.0149i	0.4941+0.4112i	-0.1881-0.0484i	-0.0044+0.0213i
26.1	-0.1247+0.0181i	0.0471+0.0574i	-0.0007+0.0579i	-0.5698+0.0799i	-0.0048+0.0136i	0.4593+0.3628i	-0.1848-0.0440i	-0.0097+0.0170i
26.2	-0.1245+0.0125i	0.0528+0.0471i	-0.0736+0.0801i	-0.3475-0.0641i	-0.0116+0.0109i	0.4556+0.3109i	-0.1832-0.0362i	-0.0147+0.0186i
26.3	-0.1147+0.0094i	0.0474+0.0473i	-0.0975-0.0130i	-0.3137-0.1197i	-0.0114+0.0143i	0.4223+0.3099i	-0.1725-0.0372i	-0.0165+0.0222i
26.4	-0.1054+0.0096i	0.0521+0.0503i	-0.0725+0.0719i	-0.0763-0.0156i	-0.0068+0.0164i	0.4118+0.3042i	-0.1610-0.0442i	-0.0174+0.0282i
26.5	-0.1026+0.0090i	0.0564+0.0311i	-0.1032+0.2023i	-0.2342-0.2279i	-0.0016+0.0151i	0.4265+0.2472i	-0.1592-0.0325i	-0.0120+0.0330i
26.6	-0.1035+0.0099i	0.0536+0.0257i	-0.1701+0.2877i	-0.3062-0.3222i	-0.0014+0.0233i	0.4023+0.2516i	-0.1516-0.0308i	-0.0161+0.0367i
26.7	-0.0907+0.0118i	0.0510+0.0216i	-0.1863+0.3874i	-0.2143-0.2798i	-0.0025+0.0175i	0.4165+0.2518i	-0.1446-0.0350i	-0.0146+0.0362i
26.8	-0.0801+0.0156i	0.0427+0.0144i	-0.1049+0.4314i	-0.0541-0.4125i	0.0040+0.0145i	0.3971+0.2235i	-0.1399-0.0301i	-0.0065+0.0356i
26.9	-0.0710+0.0089i	0.0374+0.0088i	-0.0040+0.4395i	-0.0208-0.0451i	0.0069+0.0064i	0.3983+0.1751i	-0.1281-0.0345i	-0.0043+0.0395i
27.0	-0.0496+0.0019i	0.0303+0.0072i	0.0444+0.4500i	-0.2783+0.0840i	-0.0056+0.0164i	0.4040+0.1386i	-0.1199-0.0290i	-0.0006+0.0417i
27.1	-0.0491-0.0038i	0.0288+0.0060i	-0.0027+0.3999i	-0.0844+0.0534i	-0.0113+0.0240i	0.3618+0.1160i	-0.1132-0.0244i	-0.0043+0.0421i
27.2	-0.0447-0.0175i	0.0265+0.0107i	-0.0525+0.4680i	-0.2226+0.0179i	-0.0094+0.0295i	0.3355+0.1082i	-0.1016-0.0332i	-0.0073+0.0515i
27.3	-0.0440-0.0207i	0.0170+0.0091i	-0.0295+0.5049i	-0.0202-0.0793i	0.0036+0.0289i	0.3335+0.1018i	-0.0997-0.0341i	0.0064+0.0453i
27.4	-0.0470-0.0288i	0.0154+0.0099i	-0.0294+0.5124i	-0.2900-0.2602i	0.0085+0.0309i	0.3065+0.0891i	-0.0931-0.0349i	0.0111+0.0487i
27.5	-0.0442-0.0335i	0.0094+0.0065i	0.0339+0.4728i	-0.2598-0.3977i	0.0169+0.0239i	0.2899+0.0771i	-0.0960-0.0345i	0.0142+0.0462i
27.6	-0.0419-0.0291i	0.0003+0.0122i	0.0886+0.4318i	-0.3486-0.0696i	0.0193+0.0216i	0.2776+0.0456i	-0.0923-0.0260i	0.0134+0.0431i
27.7	-0.0404-0.0315i	-0.0019+0.0172i	0.0626+0.4807i	-0.2369+0.0963i	0.0258+0.0238i	0.2745+0.0396i	-0.0838-0.0271i	0.0160+0.0478i
27.8	-0.0355-0.0316i	0.0054+0.0242i	0.1100+0.5255i	-0.3094-0.0836i	0.0310+0.0157i	0.2537+0.0377i	-0.0768-0.0317i	0.0273+0.0399i
27.9	-0.0315-0.0350i	0.0030+0.0217i	0.1462+0.6078i	-0.1583-0.1819i	0.0386+0.0090i	0.2336+0.0141i	-0.0649-0.0239i	0.0315+0.0365i
28.0	-0.0339-0.0365i	-0.0004+0.0255i	0.1588+0.6000i	-0.1448-0.0330i	0.0325-0.0052i	0.2131-0.0120i	-0.0593-0.0194i	0.0325+0.0365i
28.1	-0.0297-0.0360i	-0.0024+0.0223i	0.2763+0.5413i	-0.1452-0.2275i	0.0295-0.0087i	0.1877-0.0475i	-0.0562-0.0182i	0.0372+0.0218i
28.2	-0.0365-0.0351i	0.0015+0.0337i	0.2845+0.5451i	0.0006-0.0819i	0.0237-0.0167i	0.1359-0.0606i	-0.0503-0.0134i	0.0373+0.0175i
28.3	-0.0426-0.0344i	0.0037+0.0318i	0.3091+0.4848i	-0.1511+0.0100i	0.0183-0.0239i	0.1049-0.0425i	-0.0479-0.0212i	0.0286+0.0116i
28.4	-0.0356-0.0353i	0.0126+0.0376i	0.4213+0.5121i	-0.0576+0.1775i	0.0048-0.0196i	0.0766-0.0394i	-0.0351-0.0173i	0.0216+0.0106i
28.5	-0.0329-0.0341i	0.0081+0.0338i	0.4282+0.5359i	-0.0209+0.2102i	-0.0000-0.0149i	0.0748+0.0057i	-0.0290-0.0232i	0.0165+0.0193i
28.6	-0.0384-0.0251i	0.0055+0.0337i	0.4524+0.4125i	-0.0616-0.0584i	0.0001-0.0118i	0.0426-0.0042i	-0.0266-0.0197i	0.0107+0.0152i
28.7	-0.0327-0.0229i	0.0057+0.0273i	0.5555+0.3663i	-0.0515+0.1092i	-0.0050-0.0100i	0.0479-0.0030i	-0.0184-0.0157i	0.0116+0.0195i
28.8	-0.0167-0.0166i	0.0173+0.0348i	0.5365+0.3371i	-0.0734-0.2569i	-0.0042-0.0033i	0.0294+0.0229i	-0.0102-0.0182i	0.0067+0.0197i
28.9	-0.0222-0.0183i	0.0050+0.0296i	0.5312+0.2370i	-0.0421-0.0067i	-0.0001-0.0042i	0.0172+0.0197i	-0.0064-0.0171i	0.0123+0.0159i
29.0	-0.0117-0.0112i	0.0163+0.0287i	0.5149+0.1869i	0.0556-0.0167i	-0.0077-0.0008i	0.0160+0.0040i	-0.0007-0.0154i	0.0163+0.0159i
29.1	-0.0120-0.0023i	0.0194+0.0317i	0.5106+0.2319i	-0.0296+0.0913i	-0.0138-0.0009i	0.0079+0.0300i	0.0126-0.0096i	0.0182+0.0180i
29.2	0.0070-0.0043i	0.0202+0.0325i	0.4563+0.2093i	0.2669+0.3412i	-0.0131-0.0037i	0.0214+0.0508i	0.0163-0.0121i	0.0117+0.0180i
29.3	0.0092-0.0027i	0.0233+0.0271i	0.3955+0.1422i	-0.0113-0.0357i	-0.0075-0.0042i	0.0218+0.0210i	0.0174-0.0107i	0.0198+0.0174i
29.4	0.0130-0.0059i	0.0190+0.0215i	0.3555+0.0765i	0.1580+0.1103i	-0.0064-0.0018i	0.0031+0.0137i	0.0229-0.0132i	0.0164+0.0218i
29.5	0.0226-0.0118i	0.0150+0.0208i	0.3227+0.0907i	-0.0887-0.1178i	-0.0059-0.0038i	-0.0097+0.0125i	0.0286-0.0116i	0.0127+0.0213i
29.6	0.0265-0.0045i	0.0204+0.0288i	0.3300+0.0840i	0.1303-0.0844i	-0.0048-0.0006i	-0.0225+0.0316i	0.0340-0.0085i	0.0127+0.0153i
29.7	0.0251-0.0081i	0.0137+0.0334i	0.3106+0.0538i	0.2133+0.0999i	-0.0104+0.0045i	-0.0413+0.0163i	0.0398-0.0150i	0.0120+0.0217i
29.8	0.0315-0.0123i	0.0148+0.0110i	0.3165+0.0466i	0.2506+0.0439i	-0.0059+0.0061i	-0.0297-0.0113i	0.0463-0.0164i	0.0208+0.0128i
29.9	0.0719-0.0214i	0.0732-0.0229i	0.4590+0.1037i	0.1909-0.1469i	-0.0114+0.0097i	0.0321-0.0086i	0.0755-0.0151i	0.0320+0.0080i
30.0	0.0609-0.0082i	0.0213-0.0062i	0.4042+0.0097i	0.2042+0.1427i	-0.0098+0.0083i	-0.0341-0.0099i	0.0715-0.0106i	0.0152+0.0046i
30.1	0.0723+0.0041i	0.0323+0.0193i	0.4142+0.0388i	0.2171-0.1813i	-0.0106+0.0085i	-0.0511+0.0178i	0.0848-0.0069i	0.0241+0.0219i
30.2	0.0721+0.0021i	0.0180+0.0055i	0.4260+0.0699i	0.0280-0.4325i	-0.0093+0.0096i	-0.0481+0.0215i	0.0898-0.0063i	0.0198+0.0175i
30.3	0.0803-0.0029i	0.0172+0.0152i	0.3102+0.0440i	0.1670-0.1746i	-0.0081+0.0049i	-0.0592+0.0425i	0.0878-0.0068i	0.0180+0.0157i
30.4	0.0895+0.0102i	0.0164+0.0080i	0.3385-0.0283i	0.3293-0.0117i	-0.0108+0.0089i	-0.0513+0.0572i	0.0977-0.0000i	0.0124+0.0217i
30.5	0.0919+0.0046i	0.0215-0.0001i	0.3419+0.0100i	0.1498+0.1679i	-0.0071+0.0081i	-0.0624+0.0362i	0.1076+0.0029i	0.0207+0.0154i
30.6	0.0991-0.0047i	0.0147-0.0035i	0.3107+0.0304i	0.2793-0.1718i	-0.0102+0.0091i	-0.0592+0.0169i	0.1130-0.0042i	0.0233+0.0116i
30.7	0.1174-0.0126i	0.0094+0.0007i	0.2511-0.0276i	0.0506-0.1906i	-0.0105+0.0101i	-0.0496+0.0028i	0.1252-0.0134i	0.0138+0.0157i
30.8	0.1217-0.0112i	0.0103+0.0002i	0.1954-0.0685i	-0.0083-0.0196i	-0.0114+0.0098i	-0.0552+0.0091i	0.1351-0.0065i	0.0130+0.0096i

30.9	0.1293−0.0063i	−0.0011−0.0026i	0.3313−0.0291i	0.0660−0.0395i	−0.0106+0.0106i	−0.0503+0.0093i	0.1418−0.0047i	0.0121+0.0152i
31.0	0.1356−0.0095i	−0.0018−0.0056i	0.3588−0.0096i	0.2890+0.1973i	−0.0103+0.0131i	−0.0629−0.0169i	0.1508−0.0022i	0.0133+0.0074i
31.1	0.1479−0.0126i	0.0034+0.0033i	0.2750−0.0252i	−0.0824+0.0036i	−0.0140+0.0082i	−0.0687−0.0180i	0.1521−0.0024i	0.0110+0.0098i
31.2	0.1484−0.0158i	0.0079+0.0115i	0.2548−0.0372i	0.0822+0.1113i	−0.0091+0.0031i	−0.0603−0.0313i	0.1647−0.0158i	0.0115+0.0106i
31.3	0.1581−0.0172i	−0.0052+0.0036i	0.2416−0.0721i	0.0543+0.2386i	−0.0094+0.0117i	−0.0959−0.0079i	0.1730−0.0098i	0.0123+0.0227i
31.4	0.1642−0.0241i	−0.0006+0.0114i	0.3147−0.0845i	0.2641+0.0077i	−0.0048+0.0158i	−0.0996−0.0326i	0.1801−0.0113i	0.0215+0.0253i
31.5	0.1728−0.0319i	−0.0110+0.0051i	0.3246−0.0698i	0.2227+0.0162i	−0.0044+0.0193i	−0.0727−0.0517i	0.1913−0.0149i	0.0236+0.0412i
31.6	0.1842−0.0229i	−0.0123+0.0106i	0.2419−0.0925i	0.0472−0.1674i	−0.0064+0.0158i	−0.1084−0.0656i	0.1996−0.0075i	0.0220+0.0383i
31.7	0.2001−0.0327i	−0.0116+0.0183i	0.2675−0.1856i	0.0243+0.1177i	−0.0045+0.0138i	−0.1207−0.0790i	0.2189−0.0032i	0.0284+0.0542i
31.8	0.2096−0.0303i	−0.0102+0.0237i	0.2448−0.1842i	0.1404+0.0654i	0.0048+0.0149i	−0.1317−0.1029i	0.2355−0.0103i	0.0457+0.0607i
31.9	0.2157−0.0348i	−0.0016+0.0198i	0.2287−0.1196i	0.0024+0.1846i	−0.0022+0.0128i	−0.1362−0.1057i	0.2450−0.0097i	0.0531+0.0458i
32.0	0.2311−0.0549i	−0.0189+0.0158i	0.2497−0.1278i	0.1351+0.0110i	0.0067+0.0129i	−0.1238−0.1221i	0.2668−0.0252i	0.0702+0.0248i
32.1	0.2317−0.0565i	−0.0211+0.0114i	0.2538−0.1516i	0.2984−0.0807i	0.0088−0.0017i	−0.1319−0.1113i	0.2690−0.0321i	0.0737+0.0014i
32.2	0.2398−0.0651i	−0.0222+0.0115i	0.2153−0.1911i	0.3336−0.1373i	0.0091+0.0025i	−0.1649−0.1546i	0.2854−0.0385i	0.0655+0.0056i
32.3	0.2481−0.0549i	−0.0050+0.0198i	0.0802−0.1096i	0.2072+0.0078i	−0.0071+0.0074i	−0.1980−0.1329i	0.2838−0.0272i	0.0580+0.0291i
32.4	0.2550−0.0588i	0.0083+0.0058i	0.0235−0.0535i	0.4006−0.1735i	0.0054+0.0022i	−0.1934−0.1394i	0.2965−0.0339i	0.0879+0.0098i
32.5	0.2603−0.0538i	−0.0027+0.0085i	0.1011−0.0823i	0.3837+0.0409i	−0.0131−0.0125i	−0.2547−0.1295i	0.2992−0.0474i	0.0479−0.0321i
32.6	0.2683−0.0684i	−0.0022+0.0148i	0.0963−0.0577i	0.1592+0.2359i	−0.0183−0.0023i	−0.2805−0.1606i	0.3132−0.0549i	0.0141−0.0348i
32.7	0.2773−0.0628i	−0.0126+0.0109i	0.0929−0.0498i	0.2503+0.0078i	−0.0144−0.0110i	−0.2924−0.1715i	0.3199−0.0561i	0.0327−0.0494i
32.8	0.3007−0.0649i	0.0014+0.0175i	0.0858−0.0914i	0.4379+0.0608i	−0.0236+0.0082i	−0.3011−0.1508i	0.3395−0.0473i	0.0209−0.0050i
32.9	0.3091−0.0845i	0.0076+0.0101i	0.0319−0.1425i	0.6622−0.2136i	−0.0200+0.0070i	−0.3507−0.1710i	0.3576−0.0578i	0.0215+0.0043i
33.0	0.3136−0.0839i	−0.0066−0.0011i	0.0487−0.0780i	0.1816−0.0536i	−0.0100+0.0022i	−0.3578−0.1592i	0.3624−0.0739i	0.0384−0.0579i
33.1	0.3293−0.0854i	0.0069−0.0078i	−0.0135−0.0281i	0.1923−0.0133i	−0.0135−0.0013i	−0.3457−0.1243i	0.3781−0.0713i	0.0761−0.0591i
33.2	0.3351−0.0972i	−0.0042+0.0085i	−0.0013−0.0682i	0.3668−0.0964i	−0.0022+0.0102i	−0.3827−0.1210i	0.3758−0.0836i	0.0470−0.0193i
33.3	0.3339−0.1107i	0.0094+0.0071i	−0.0090−0.0372i	0.3667+0.0727i	−0.0167+0.0035i	−0.3915−0.0812i	0.3826−0.1000i	0.0253−0.0247i
33.4	0.3470−0.1182i	0.0025+0.0126i	0.0001−0.0811i	0.4559−0.1720i	−0.0207−0.0048i	−0.3910−0.1204i	0.3815−0.1004i	0.0064−0.0266i
33.5	0.3413−0.1326i	−0.0048+0.0107i	0.0098−0.1579i	0.6038−0.2975i	−0.0165−0.0019i	−0.4036−0.1294i	0.3843−0.1143i	0.0210−0.0204i
33.6	0.3376−0.1203i	0.0001+0.0016i	−0.0079−0.1081i	0.5827+0.0310i	−0.0174−0.0088i	−0.4025−0.0947i	0.3797−0.1102i	0.0140−0.0471i
33.7	0.3379−0.1067i	−0.0044+0.0060i	−0.0177+0.0333i	0.2956−0.1688i	−0.0177−0.0036i	−0.4066−0.0825i	0.3778−0.0817i	0.0073+0.0179i
33.8	0.3334−0.0944i	0.0085+0.0011i	−0.0174−0.0410i	0.3526−0.2096i	−0.0093−0.0217i	−0.4075−0.1044i	0.3906−0.0879i	0.0675−0.0509i
33.9	0.3321−0.0905i	0.0035+0.0007i	0.0281−0.1035i	0.4255−0.1974i	−0.0008−0.0299i	−0.4369−0.1120i	0.3948−0.0785i	0.0559−0.0663i
34.0	0.3946−0.0344i	0.0096−0.0113i	0.0410−0.0602i	0.2938+0.1261i	−0.0081−0.0218i	−0.3542−0.1123i	0.4385−0.0374i	0.0847−0.0704i
34.1	0.4294−0.0113i	−0.0029−0.0137i	0.0482−0.0359i	0.4231+0.1349i	−0.0271−0.0298i	−0.2710−0.1724i	0.4640−0.0250i	0.0523−0.1059i
34.2	0.4785−0.0133i	−0.0194−0.0155i	0.1448−0.0378i	0.4030−0.0688i	−0.0236−0.0301i	−0.3319−0.2614i	0.5110+0.0039i	0.0501−0.0568i
34.3	0.5382−0.0273i	−0.0195−0.0134i	0.0563−0.1232i	0.6052+0.1369i	−0.0253−0.0345i	−0.4231−0.3254i	0.5740−0.0144i	0.0314−0.0677i
34.4	0.5903−0.0485i	−0.0165−0.0104i	−0.1002−0.1251i	0.5090+0.2108i	−0.0460−0.0467i	−0.4954−0.3618i	0.6227−0.0345i	0.0178−0.1062i
34.5	0.6347−0.0659i	−0.0207−0.0082i	−0.0415−0.0819i	0.6825+0.1131i	−0.0547−0.0573i	−0.5763−0.4163i	0.6539−0.0545i	−0.0082−0.1200i
34.6	0.6947−0.0827i	−0.0158−0.0102i	−0.1550−0.1087i	0.6765−0.0690i	−0.0715−0.0482i	−0.6518−0.4440i	0.7206−0.0658i	−0.0230−0.1178i
34.7	0.7452−0.1233i	−0.0217−0.0121i	−0.1365−0.0569i	0.8139−0.0296i	−0.0819−0.0416i	−0.7060−0.3983i	0.7691−0.1080i	−0.0412−0.1256i
34.8	0.7742−0.1826i	−0.0389−0.0199i	−0.0971+0.0457i	0.7472−0.0527i	−0.0891−0.0380i	−0.8063−0.3668i	0.7952−0.1637i	−0.0592−0.1212i
34.9	0.7820−0.2108i	−0.0300−0.0266i	−0.1412+0.0906i	1.0338−0.2832i	−0.1012−0.0392i	−0.8795−0.2810i	0.8107−0.1906i	−0.0605−0.1129i
35.0	0.8097−0.2573i	−0.0369−0.0170i	−0.1425+0.0708i	0.9651−0.2167i	−0.1029−0.0224i	−0.8803−0.2448i	0.8320−0.2268i	−0.0681−0.1057i
35.1	0.8628−0.2937i	−0.0437−0.0169i	−0.2155+0.1230i	0.8615−0.5218i	−0.1109−0.0237i	−0.9180−0.2214i	0.8663−0.2677i	−0.0846−0.1156i
35.2	0.8711−0.3445i	−0.0474−0.0037i	−0.1664+0.1435i	0.9986−0.1877i	−0.1324−0.0078i	−0.9589−0.1035i	0.8771−0.3163i	−0.1341−0.0625i
35.3	0.9022−0.3713i	−0.0535−0.0053i	−0.1547+0.1645i	1.1717−0.3125i	−0.1391−0.0082i	−0.9230−0.0235i	0.8954−0.3498i	−0.1175−0.0661i
35.4	0.9512−0.4379i	−0.0705−0.0195i	−0.1148+0.1779i	0.9950−0.3823i	−0.1174−0.0065i	−1.0226−0.0618i	0.9499−0.4245i	−0.1004−0.1102i
35.5	0.9658−0.4904i	−0.0845−0.0190i	−0.0099+0.2765i	1.1406−0.5877i	−0.1167+0.0106i	−1.0327−0.0555i	0.9475−0.4592i	−0.0986−0.0989i
35.6	0.9624−0.5553i	−0.0835−0.0014i	−0.0763+0.2583i	1.2788−0.5893i	−0.1324+0.0138i	−1.0339+0.0032i	0.9477−0.4981i	−0.1228−0.0529i
35.7	0.9340−0.5933i	−0.0806+0.0169i	−0.1507+0.1550i	0.9367−0.5914i	−0.1497+0.0108i	−0.9819+0.0531i	0.9221−0.5360i	−0.1313−0.0351i
35.8	0.9699−0.6521i	−0.0826+0.0036i	−0.0405+0.2451i	1.0386−0.6466i	−0.1533+0.0172i	−1.0222+0.0499i	0.9456−0.5848i	−0.1422−0.0557i
35.9	0.9679−0.7530i	−0.1001+0.0309i	0.1436+0.2682i	1.1296−0.9056i	−0.1485+0.0190i	−1.0685+0.0841i	0.9395−0.6677i	−0.1615−0.0465i
36.0	0.9247−0.7738i	−0.0959+0.0655i	0.1390+0.1200i	1.1303−0.8337i	−0.1761+0.0318i	−1.0697+0.1142i	0.9005−0.6925i	−0.1817−0.0202i
36.1	0.9518−0.8291i	−0.0867+0.0528i	0.0599+0.1667i	1.1436−0.8276i	−0.1762+0.0378i	−1.0910+0.1463i	0.9344−0.7249i	−0.1596−0.0404i
36.2	0.9524−0.9123i	−0.0850+0.0730i	0.0939+0.1637i	1.1645−1.1440i	−0.1834+0.0410i	−1.1176+0.1992i	0.9328−0.8067i	−0.1589−0.0442i
36.3	0.9583−0.9368i	−0.0667+0.0675i	−0.1745+0.2442i	1.2804−1.0422i	−0.1853+0.0736i	−1.1405+0.2134i	0.9389−0.8245i	−0.1587−0.0246i
36.4	0.9534−0.9350i	−0.0465+0.0711i	−0.1135+0.2324i	1.1744−0.8364i	−0.2028+0.0961i	−1.1220+0.2169i	0.9363−0.8087i	−0.1631+0.0038i
36.5	0.9378−1.0247i	−0.0368+0.0778i	0.1311+0.1644i	1.4426−0.8685i	−0.2194+0.1102i	−1.1421+0.2795i	0.9172−0.8945i	−0.1834+0.0066i
36.6	0.9485−1.1101i	−0.0193+0.0697i	0.0409+0.2561i	1.1282−1.0224i	−0.2214+0.1329i	−1.1867+0.3299i	0.9368−0.9531i	−0.1743+0.0114i
36.7	0.9471−1.1729i	−0.0106+0.0454i	0.0938+0.2639i	0.9927−1.0681i	−0.2185+0.1575i	−1.1748+0.3885i	0.9248−1.0098i	−0.1729+0.0099i
36.8	0.9363−1.2193i	−0.0214+0.0338i	0.1558+0.3405i	0.9919−1.3031i	−0.2083+0.1728i	−1.1879+0.3977i	0.9225−1.0443i	−0.1955+0.0121i
36.9	0.9412−1.2365i	−0.0124+0.0260i	0.0480+0.2788i	1.1434−1.2046i	−0.2192+0.2070i	−1.1380+0.4392i	0.9167−1.0467i	−0.1787+0.0455i
37.0	0.8872−1.3440i	−0.0168+0.0179i	0.3267+0.1958i	0.9676−1.3104i	−0.2042+0.2407i	−1.1263+0.5149i	0.8723−1.1370i	−0.2033+0.0606i
37.1	0.8851−1.4483i	−0.0358+0.0210i	0.4369+0.0891i	0.7327−1.5752i	−0.1789+0.2576i	−1.1237+0.5579i	0.8604−1.2182i	−0.2278+0.0757i

37.2	0.8613-1.5490i	-0.0363-0.0281i	0.2973+0.1111i	1.1913-1.4264i	-0.1626+0.2959i	-1.0860+0.5657i	0.8481-1.2800i	-0.2105+0.0560i
37.3	0.7989-1.5857i	-0.0309+0.0022i	0.4314+0.1698i	1.2552-1.3353i	-0.1597+0.3118i	-1.0680+0.6005i	0.7988-1.3194i	-0.2266+0.0896i
37.4	0.7863-1.6490i	-0.0890+0.0011i	0.5375+0.0239i	0.9155-1.6034i	-0.1282+0.3228i	-1.0226+0.6311i	0.7965-1.3530i	-0.2362+0.1142i
37.5	0.7429-1.7428i	-0.0706-0.0105i	0.5463-0.0402i	0.7365-1.8308i	-0.1075+0.3574i	-0.9997+0.6456i	0.7630-1.4196i	-0.2418+0.1303i
37.6	0.6873-1.8073i	-0.0868-0.0333i	0.4524-0.0454i	0.7624-1.8280i	-0.0704+0.3856i	-0.9464+0.6351i	0.7229-1.4471i	-0.2504+0.1538i
37.7	0.6516-1.8858i	-0.1351-0.0475i	0.3988+0.0342i	0.8089-2.0514i	-0.0138+0.4082i	-0.9333+0.6101i	0.7236-1.4877i	-0.2377+0.1574i
37.8	0.6035-2.0063i	-0.1686-0.0558i	0.4519+0.1008i	0.5496-1.8575i	0.0358+0.4305i	-0.9145+0.5881i	0.7104-1.5695i	-0.2236+0.1722i
37.9	0.4982-2.0531i	-0.2073-0.0495i	0.5292-0.1558i	0.9068-2.0233i	0.0884+0.4306i	-0.8775+0.5242i	0.6615-1.5934i	-0.1949+0.1973i
38.0	0.3212-2.1429i	-0.2467-0.0200i	0.5253-0.4616i	0.4684-1.9232i	0.1518+0.4196i	-0.8863+0.5084i	0.5541-1.6581i	-0.1812+0.2297i
38.1	0.1964-2.1927i	-0.2638+0.0286i	0.3774-0.4545i	0.5134-2.0734i	0.2029+0.3934i	-0.9669+0.4688i	0.5072-1.7012i	-0.1457+0.2722i
38.2	0.0854-2.1751i	-0.2810+0.0617i	0.2203-0.4026i	0.5939-2.3201i	0.2385+0.3635i	-1.0076+0.4558i	0.4623-1.7061i	-0.0999+0.2681i
38.3	-0.0752-2.1395i	-0.3019+0.1057i	0.1934-0.3463i	0.4023-2.1029i	0.2814+0.3194i	-1.0324+0.4593i	0.3770-1.7245i	-0.0758+0.2350i
38.4	-0.1969-2.1681i	-0.3071+0.1487i	0.2274-0.2366i	0.0611-2.3271i	0.3112+0.2851i	-1.1003+0.5030i	0.3140-1.7717i	-0.0515+0.2548i
38.5	-0.2093-2.1749i	-0.3208+0.1951i	0.0715-0.2427i	0.1795-2.3950i	0.3485+0.2463i	-1.1434+0.5049i	0.3406-1.8106i	-0.0384+0.2361i
38.6	-0.2885-2.1575i	-0.3247+0.2531i	0.1111-0.2051i	-0.1793-1.7894i	0.3814+0.1813i	-1.1570+0.5095i	0.2929-1.8698i	-0.0270+0.2006i
38.7	-0.3432-2.1619i	-0.3133+0.3035i	0.0759-0.2053i	0.1294-2.3126i	0.4041+0.1416i	-1.2086+0.5321i	0.2642-1.9168i	-0.0097+0.1951i
38.8	-0.4480-2.1962i	-0.2869+0.3704i	0.1282-0.2019i	0.1660-2.3352i	0.3922+0.0782i	-1.2708+0.5523i	0.1825-2.0084i	-0.0316+0.1691i
38.9	-0.4678-2.1290i	-0.2600+0.4076i	0.1282-0.0028i	0.1382-2.5019i	0.3757+0.0242i	-1.3540+0.5274i	0.1601-1.9900i	-0.0340+0.1670i
39.0	-0.5215-2.1154i	-0.2143+0.4404i	0.1508-0.0411i	-0.0267-2.4423i	0.3616-0.0111i	-1.4249+0.5930i	0.1086-2.0273i	-0.0337+0.1598i
39.1	-0.6503-2.1057i	-0.1576+0.4717i	0.2481-0.1330i	-0.1898-2.3217i	0.3243-0.0587i	-1.4891+0.6906i	-0.0350-2.0928i	-0.0599+0.1300i
39.2	-0.7682-2.0786i	-0.0929+0.4897i	0.2729-0.1625i	-0.3216-2.5176i	0.2938-0.0876i	-1.5324+0.7970i	-0.1617-2.1296i	-0.0592+0.1287i
39.3	-0.8705-2.0193i	-0.0470+0.5038i	0.3319-0.1919i	-0.2547-2.3104i	0.2754-0.1257i	-1.5267+0.9185i	-0.3084-2.1197i	-0.0811+0.1262i
39.4	-0.9176-1.9908i	0.0036+0.5004i	0.2875-0.1643i	-0.3385-2.4368i	0.2326-0.1464i	-1.5970+1.0218i	-0.3639-2.1038i	-0.0902+0.1543i
39.5	-0.9495-1.9792i	0.0478+0.5071i	0.1276-0.1508i	-0.2262-2.5130i	0.2091-0.1595i	-1.6224+1.1673i	-0.4232-2.1113i	-0.1179+0.1751i
39.6	-1.0689-1.9689i	0.0947+0.5042i	0.1472-0.0840i	-0.4917-2.3849i	0.1770-0.1787i	-1.6038+1.3139i	-0.5789-2.1382i	-0.1606+0.2091i
39.7	-1.1326-1.8915i	0.1423+0.4725i	0.2762-0.0256i	-0.7833-2.3707i	0.1460-0.1775i	-1.5597+1.4554i	-0.6883-2.0784i	-0.1604+0.2287i
39.8	-1.1717-1.7851i	0.1725+0.4452i	0.3334-0.1996i	-0.9429-2.3346i	0.1232-0.1710i	-1.4330+1.5814i	-0.7516-1.9912i	-0.1395+0.2550i
39.9	-1.2669-1.7745i	0.1876+0.4302i	0.3526-0.2789i	-1.0298-2.2952i	0.1018-0.1796i	-1.3702+1.6524i	-0.8741-1.9634i	-0.1231+0.3065i
40.0	-1.3400-1.6765i	0.2271+0.4234i	0.2553-0.3571i	-1.0935-2.3626i	0.0839-0.1871i	-1.3101+1.8158i	-0.9556-1.8989i	-0.1210+0.3254i
40.1	-1.3493-1.5863i	0.2482+0.3839i	0.2321-0.4310i	-1.3689-1.8829i	0.0586-0.1651i	-1.1634+1.9169i	-1.0027-1.8016i	-0.0958+0.3427i
40.2	-1.3688-1.4594i	0.2745+0.3548i	0.1686-0.5184i	-1.4557-1.7638i	0.0244-0.1658i	-0.9580+1.9431i	-1.0534-1.6783i	-0.0584+0.3605i
40.3	-1.4106-1.4117i	0.2924+0.3358i	0.0715-0.4857i	-1.3836-2.0788i	0.0112-0.1531i	-0.7916+2.0556i	-1.1041-1.6412i	-0.0186+0.3680i
40.4	-1.3747-1.3880i	0.2968+0.3322i	0.0480-0.3250i	-1.3248-2.2556i	0.0065-0.1535i	-0.6586+2.0253i	-1.1079-1.6043i	0.0032+0.3748i
40.5	-1.3692-1.3270i	0.3136+0.3030i	0.1417-0.3325i	-1.2430-1.9551i	-0.0075-0.1432i	-0.5234+1.9809i	-1.1182-1.5095i	0.0311+0.3937i
40.6	-1.4020-1.2692i	0.3421+0.2822i	-0.0598-0.4501i	-1.5059-1.6225i	-0.0209-0.1354i	-0.3165+1.9735i	-1.1717-1.4670i	0.0878+0.3806i
40.7	-1.4066-1.2546i	0.3380+0.2764i	-0.1513-0.3586i	-1.6999-1.6546i	-0.0284-0.1419i	-0.2001+1.9668i	-1.1847-1.4390i	0.1042+0.3865i
40.8	-1.3987-1.2378i	0.3584+0.2662i	-0.0387-0.2582i	-1.3368-1.7741i	-0.0409-0.1424i	-0.1389+1.8155i	-1.1818-1.4025i	0.1308+0.3737i
40.9	-1.4025-1.1669i	0.3668+0.2422i	-0.0649-0.3090i	-1.4766-1.7629i	-0.0712-0.1370i	-0.0852+1.6876i	-1.1990-1.3228i	0.1481+0.3380i
41.0	-1.4216-1.0606i	0.3650+0.2151i	-0.1343-0.3998i	-1.3985-1.6341i	-0.0733-0.1109i	0.1307+1.6412i	-1.2657-1.2089i	0.1534+0.3578i
41.1	-1.3829-1.0683i	0.3840+0.1996i	-0.1864-0.2489i	-1.5190-1.6484i	-0.0695-0.1079i	0.1674+1.4609i	-1.2143-1.1938i	0.1911+0.3320i
41.2	-1.3909-1.0541i	0.4099+0.1774i	-0.1746-0.2656i	-1.5716-1.3769i	-0.0964-0.1138i	0.1662+1.3803i	-1.2160-1.1809i	0.2050+0.2980i
41.3	-1.3954-1.0328i	0.4240+0.1656i	-0.2323-0.2313i	-1.6526-1.5371i	-0.1230-0.1025i	0.2216+1.2412i	-1.2328-1.1396i	0.2245+0.2809i
41.4	-1.3663-0.9764i	0.4434+0.1499i	-0.1959-0.1315i	-1.6704-1.3480i	-0.1136-0.0755i	0.0914+1.0929i	-1.1919-1.0573i	0.2321+0.2890i
41.5	-1.3367-0.9482i	0.4514+0.1163i	-0.0789-0.2301i	-1.7520-1.6290i	-0.1206-0.0741i	-0.0189+1.0228i	-1.1489-1.0219i	0.2390+0.2768i
41.6	-1.3538-0.9561i	0.4639+0.0556i	-0.1180-0.2681i	-1.5442-1.3523i	-0.1210-0.0596i	-0.0185+1.0616i	-1.1462-1.0250i	0.2899+0.2534i
41.7	-1.2944-0.9194i	0.4138+0.0432i	-0.1259-0.2459i	-1.5554-1.3650i	-0.1232-0.0913i	0.1124+0.9206i	-1.1274-0.9726i	0.2619+0.1768i
41.8	-1.2886-0.9064i	0.4213+0.0293i	-0.1057-0.2378i	-1.4684-1.0884i	-0.1447-0.0591i	-0.0063+0.8858i	-1.1093-0.9462i	0.2418+0.2036i
41.9	-1.2938-0.9356i	0.4421-0.0083i	-0.1216-0.1555i	-1.4098-1.1832i	-0.1707-0.0506i	0.0044+0.8523i	-1.0899-0.9715i	0.2805+0.1662i
42.0	-1.3092-0.9323i	0.4195-0.0280i	0.0042-0.0807i	-1.6937-1.0000i	-0.1970-0.0382i	-0.0765+0.6414i	-1.1143-0.9340i	0.2269+0.1349i
42.1	-1.3485-0.9506i	0.4305-0.0921i	-0.0499-0.1525i	-1.4988-1.1572i	-0.1888+0.0168i	-0.2258+0.7069i	-1.1223-0.9671i	0.2479+0.1385i
42.2	-1.3352-0.8628i	0.3389-0.0889i	-0.1696-0.1885i	-1.7571-1.2924i	-0.1733+0.0515i	-0.3611+0.8369i	-1.0937-0.8747i	0.1853+0.1647i
42.3	-1.2992-0.9378i	0.3463-0.0388i	-0.2091-0.0952i	-0.9692-1.1467i	-0.1729+0.0280i	-0.1954+0.7023i	-1.0417-0.9120i	0.2598+0.1841i
42.4	-1.3622-0.9773i	0.3794-0.0530i	-0.0352-0.1430i	-1.3853-1.3797i	-0.1777+0.0679i	-0.3440+0.6912i	-1.0826-0.9592i	0.2478+0.1745i
42.5	-1.4029-0.9548i	0.3719-0.0844i	-0.0744-0.1872i	-1.5203-1.0912i	-0.1169+0.0809i	-0.3392+0.6810i	-1.1074-0.9413i	0.2907+0.1747i
42.6	-1.4439-0.8967i	0.3657-0.1149i	-0.1536-0.1343i	-1.4082-1.1776i	-0.1110+0.0587i	-0.5281+0.6861i	-1.0917-0.9039i	0.3113+0.1021i
42.7	-1.4466-0.8703i	0.3540-0.1266i	-0.1147-0.1076i	-1.5965-1.1561i	-0.1453+0.0654i	-0.4636+0.8100i	-1.0934-0.9272i	0.3193+0.0757i
42.8	-1.4923-0.8770i	0.3474-0.1327i	-0.0381-0.1519i	-1.3279-1.0317i	-0.1161+0.0714i	-0.4982+0.6508i	-1.1386-0.9212i	0.3061+0.0358i
42.9	-1.5332-0.8191i	0.3201-0.1666i	-0.1121-0.1726i	-1.5581-1.2974i	-0.1061+0.0488i	-0.5775+0.7852i	-1.1597-0.9082i	0.2952-0.0071i
43.0	-1.5528-0.7673i	0.3014-0.1273i	-0.1952-0.0422i	-1.5327-1.1201i	-0.1820+0.0494i	-0.8022+0.6633i	-1.1977-0.8694i	0.1449-0.0310i
43.1	-1.5171-0.7350i	0.3398-0.1702i	-0.1106-0.1071i	-1.6929-0.9459i	-0.1548+0.1251i	-0.8178+1.0732i	-1.1313-0.8704i	0.2223+0.1021i
43.2	-1.4916-0.7431i	0.3218-0.2094i	-0.0358-0.0567i	-1.4328-1.0299i	-0.1450+0.1053i	-0.7373+1.0584i	-1.1293-0.9060i	0.2513+0.0308i
43.3	-1.5206-0.7328i	0.2999-0.2166i	0.0415-0.0561i	-1.6956-0.7001i	-0.1470+0.1236i	-0.7282+1.2003i	-1.1713-0.9343i	0.2297+0.0143i
43.4	-1.5507-0.6886i	0.2431-0.2356i	0.0241-0.1670i	-1.7242-0.9272i	-0.0991+0.1302i	-0.5879+1.1256i	-1.2472-0.8836i	0.2172-0.0191i

43.5	−1.5117−0.6054i	0.2288−0.2098i	−0.0177−0.2333i	−1.3171−0.9251i	−0.1352+0.1362i	−0.7331+1.2016i	−1.2072−0.7872i	0.1423+0.0376i
43.6	−1.5194−0.6393i	0.2228−0.2255i	−0.0063−0.2106i	−1.5896−0.8840i	−0.0680+0.1379i	−0.4868+1.2426i	−1.2394−0.8431i	0.2218+0.0293i
43.7	−1.5232−0.6303i	0.1891−0.2180i	−0.0932−0.0714i	−1.7886−0.8569i	−0.0962+0.1094i	−0.4920+1.2965i	−1.2429−0.8659i	0.1951−0.0222i
43.8	−1.5021−0.6454i	0.2116−0.1536i	−0.0350−0.1425i	−1.4810−0.7864i	−0.1196+0.1274i	−0.5433+1.2736i	−1.2421−0.8322i	0.1514+0.0568i
43.9	−1.5438−0.6461i	0.2379−0.1653i	0.0564−0.2837i	−1.7446−0.9205i	−0.1035+0.1766i	−0.3877+1.4220i	−1.2996−0.8815i	0.1702+0.0837i
44.0	−1.6126−0.6186i	0.2730−0.2367i	0.0014−0.2450i	−1.8418−0.7943i	−0.0688+0.1793i	−0.2920+1.3641i	−1.3712−0.8473i	0.2557+0.0377i
44.1	−1.5773−0.5346i	0.2069−0.2362i	0.0553−0.1294i	−1.9054−0.7777i	−0.0557+0.1586i	−0.2195+1.2997i	−1.3790−0.7682i	0.2378+0.0042i
44.2	−1.5919−0.5395i	0.2823−0.2280i	−0.0101−0.0834i	−1.8559−0.7599i	−0.0396+0.1395i	−0.2387+1.1051i	−1.3817−0.7314i	0.2702+0.0152i
44.3	−1.5988−0.4796i	0.1848−0.3041i	0.0546−0.0949i	−1.9308−0.7313i	−0.0261+0.1408i	−0.2495+1.2428i	−1.4210−0.6922i	0.2429−0.0373i
44.4	−1.5897−0.5279i	0.2001−0.2217i	0.0982−0.2056i	−2.1150−0.7300i	−0.0507+0.0963i	−0.1688+1.1934i	−1.4136−0.7163i	0.2316−0.0482i
44.5	−1.6236−0.5060i	0.2187−0.2691i	0.0591−0.2884i	−1.7990−0.4314i	−0.0577+0.0721i	−0.2281+1.0251i	−1.4227−0.6849i	0.2402−0.1280i
44.6	−1.6184−0.4591i	0.2170−0.3101i	−0.0544−0.1010i	−1.6689−0.5016i	−0.1245+0.1128i	−0.3773+1.0984i	−1.4154−0.6705i	0.1486−0.0962i
44.7	−1.6309−0.4623i	0.2245−0.3202i	−0.0020−0.1929i	−1.7972−0.9428i	−0.1020+0.1776i	−0.2711+1.2830i	−1.4526−0.6863i	0.1711−0.0275i
44.8	−1.6449−0.4298i	0.1612−0.3910i	0.0815−0.2714i	−1.9428−0.8306i	−0.0417+0.1793i	−0.0725+1.1678i	−1.5229−0.6473i	0.1828−0.0782i
44.9	−1.6278−0.3967i	0.0721−0.4125i	−0.0197−0.3220i	−1.9091−0.7915i	−0.0393+0.1443i	−0.2885+1.1960i	−1.4788−0.6077i	0.1884−0.1136i
45.0	−1.6176−0.3958i	0.0026−0.3285i	0.0276−0.3438i	−2.2457−0.6206i	−0.0352+0.1278i	0.0847+1.0220i	−1.5739−0.5849i	0.0932−0.1450i
45.1	−1.6460−0.3526i	0.0679−0.2795i	−0.0490−0.3089i	−2.2102−0.6284i	−0.0811+0.1254i	−0.4418+0.9383i	−1.4943−0.4603i	0.0641−0.0146i
45.2	−1.6312−0.3611i	0.0619−0.2996i	−0.1836−0.1851i	−2.0329−0.6597i	−0.0505+0.1534i	−0.0594+1.2014i	−1.5464−0.5546i	0.1367−0.0750i
45.3	−1.6464−0.3402i	0.0142−0.2941i	−0.2079−0.2132i	−2.0367−0.3880i	−0.0359+0.1259i	−0.0227+0.9033i	−1.6090−0.4832i	0.0751−0.0995i
45.4	−1.6520−0.3472i	0.0544−0.2110i	−0.0996−0.1965i	−1.9816−0.3956i	−0.1038+0.1206i	−0.2719+0.8841i	−1.5531−0.4444i	0.0278−0.0419i
45.5	−1.6336−0.3173i	0.0967−0.2467i	−0.0601−0.1306i	−2.2337−0.6510i	−0.0769+0.1901i	−0.1881+1.0535i	−1.5474−0.4465i	0.0806+0.0036i
45.6	−1.6511−0.3230i	0.1004−0.2963i	0.0542−0.1584i	−1.9645−0.5030i	−0.0357+0.1946i	−0.0671+0.9649i	−1.6031−0.4413i	0.1090−0.0288i
45.7	−1.6443−0.3178i	0.0704−0.2548i	0.0706−0.1908i	−1.7508−0.3379i	−0.0406+0.1378i	−0.1078+0.7893i	−1.6045−0.3844i	0.0722−0.0471i
45.8	−1.6879−0.3076i	0.0996−0.3205i	0.0477−0.2505i	−1.9670−0.1019i	−0.0324+0.1662i	−0.2138+0.6552i	−1.6367−0.3329i	0.0797−0.0135i
45.9	−1.6967−0.2692i	0.0898−0.3054i	0.0114−0.2364i	−1.8558−0.3284i	−0.0487+0.1299i	−0.4299+0.6362i	−1.6026−0.2799i	0.0654−0.0288i
46.0	−1.6895−0.2579i	0.0622−0.3483i	0.1688−0.2054i	−1.7629−0.0933i	−0.0497+0.1516i	−0.5043+0.8336i	−1.5879−0.2954i	0.0892−0.0090i
46.1	−1.6758−0.2391i	0.0313−0.3172i	0.1488−0.1416i	−1.8861−0.3516i	−0.0866+0.1438i	−0.5195+0.8879i	−1.5844−0.2916i	0.0488−0.0182i
46.2	−1.6857−0.2293i	0.0278−0.3530i	0.2084−0.0894i	−1.9089−0.1597i	−0.0743+0.1770i	−0.4289+0.9282i	−1.6163−0.2602i	0.0707+0.0090i
46.3	−1.6812−0.2285i	0.0334−0.3649i	0.1720−0.2236i	−1.6291−0.0055i	−0.0743+0.1749i	−0.3896+0.8675i	−1.6402−0.2362i	0.0629+0.0040i
46.4	−1.6896−0.2221i	−0.0012−0.3794i	0.2080−0.3238i	−2.0674−0.1925i	−0.0833+0.1962i	−0.4524+0.9744i	−1.6349−0.2240i	0.0760+0.0017i
46.5	−1.7065−0.2066i	−0.0055−0.3968i	0.1800−0.2829i	−1.8308−0.2609i	−0.0590+0.2130i	−0.2917+0.8907i	−1.6995−0.1813i	0.0538+0.0049i
46.6	−1.7202−0.1786i	−0.0273−0.4188i	0.2225−0.3197i	−1.6572−0.0368i	−0.0417+0.2358i	−0.3057+0.8103i	−1.7119−0.0855i	0.0576+0.0544i
46.7	−1.7458−0.1847i	−0.0150−0.4689i	0.0240−0.3138i	−2.0608−0.2296i	−0.0129+0.2293i	−0.3060+0.6859i	−1.7217−0.0410i	0.0884+0.0589i
46.8	−1.7786−0.1603i	−0.0806−0.5277i	0.0054−0.3924i	−2.0992−0.0208i	0.0155+0.2139i	−0.3552+0.6418i	−1.7418+0.0242i	0.1096+0.0276i
46.9	−1.7805−0.1545i	−0.0986−0.5213i	0.0104−0.4229i	−1.8204+0.2230i	−0.0121+0.1718i	−0.7335+0.4555i	−1.6575+0.1265i	0.1135+0.0829i
47.0	−1.7976−0.1162i	−0.1873−0.5699i	0.2515−0.4167i	−1.8529−0.0847i	−0.0412+0.1982i	−0.8099+0.8094i	−1.6247+0.0901i	0.1693+0.0121i
47.1	−1.8115−0.0880i	−0.2396−0.5573i	0.2200−0.3702i	−1.7007+0.0256i	−0.0344+0.2106i	−0.7644+0.9249i	−1.6204+0.1228i	0.1548+0.0062i
47.2	−1.8440−0.0931i	−0.3820−0.5468i	0.1138−0.3207i	−2.1324+0.0866i	−0.0304+0.2067i	−0.6200+0.8861i	−1.6682+0.1068i	0.1120−0.0454i
47.3	−1.8439−0.0781i	−0.4170−0.5143i	0.1699−0.3747i	−2.1221−0.1108i	−0.0364+0.2111i	−0.7430+0.7158i	−1.6321+0.2078i	0.1287+0.0329i
47.4	−1.8399−0.0576i	−0.4918−0.4993i	0.2097−0.4147i	−2.1535−0.0965i	−0.0347+0.2263i	−0.7983+0.9218i	−1.5952+0.1872i	0.1792−0.0006i
47.5	−1.8573−0.0220i	−0.5528−0.4130i	0.2174−0.4083i	−2.0262+0.3856i	−0.0651+0.2126i	−0.7059+0.8805i	−1.6132+0.2349i	0.1425−0.0422i
47.6	−1.8811−0.0191i	−0.5844−0.3635i	0.3340−0.4058i	−2.3755+0.3100i	−0.0666+0.2546i	−0.8478+0.7740i	−1.6113+0.2732i	0.1320−0.0278i
47.7	−1.8614+0.0136i	−0.6350−0.2654i	0.5022−0.4412i	−1.7606+0.1236i	−0.0615+0.2750i	−0.8748+0.8350i	−1.5979+0.3102i	0.1124−0.0205i
47.8	−1.8726+0.0052i	−0.6603−0.1902i	0.4180−0.6531i	−1.8186−0.0328i	−0.0530+0.3111i	−0.9707+1.0033i	−1.5612+0.3250i	0.1292+0.0028i
47.9	−1.8943−0.0086i	−0.6014−0.1346i	0.1919−0.8231i	−2.1409+0.3400i	−0.0217+0.2950i	−0.8439+0.6657i	−1.5251+0.4005i	0.1665+0.0125i
48.0	−1.9517+0.0130i	−0.6758−0.1046i	0.2438−0.8398i	−2.0303+0.2760i	−0.0158+0.3321i	−1.2942+0.8454i	−1.4908+0.3321i	0.1732−0.0761i
48.1	−1.9725+0.0687i	−0.6688+0.0197i	0.1690−0.9803i	−2.1548+0.7085i	0.0309+0.3620i	−1.1582+1.2312i	−1.5235+0.3740i	0.1405−0.0643i
48.2	−2.0247+0.0993i	−0.6313+0.1323i	−0.0543−1.0629i	−1.8131+0.6773i	0.0845+0.3499i	−0.9475+1.3682i	−1.5543+0.4242i	0.1099−0.0942i
48.3	−1.9957+0.1310i	−0.5670+0.1365i	−0.2972−1.0192i	−1.8474+0.5468i	0.0894+0.3307i	−0.7229+1.0929i	−1.5138+0.4761i	0.1159−0.0649i
48.4	−2.0370+0.1468i	−0.6117+0.1773i	−0.2788−1.1199i	−1.9848+0.4126i	0.1053+0.3268i	−0.8232+1.0070i	−1.5152+0.4865i	0.0617−0.0791i
48.5	−2.0785+0.1707i	−0.5364+0.1910i	−0.4893−1.0096i	−2.7110+0.4258i	0.1436+0.3201i	−1.2044+0.8677i	−1.4348+0.5501i	0.1720−0.0660i
48.6	−2.0583+0.2247i	−0.5122+0.2842i	−0.5157−0.9613i	−2.1693+0.4643i	0.1000+0.2807i	−1.3706+0.9882i	−1.3904+0.5451i	0.0694−0.1376i
48.7	−2.0559+0.2347i	−0.4316+0.3157i	−0.5162−0.7324i	−2.0822+0.4158i	0.1054+0.3272i	−1.3021+1.2373i	−1.3444+0.5116i	0.0688−0.0932i
48.8	−2.1025+0.2581i	−0.4283+0.3103i	−0.4655−0.7625i	−1.8827+0.6823i	0.1771+0.3235i	−1.3599+1.2377i	−1.3840+0.5242i	0.0546−0.0921i
48.9	−2.0941+0.2959i	−0.4185+0.3541i	−0.4667−0.8409i	−1.8136+0.9884i	0.1890+0.2816i	−1.3465+1.3800i	−1.3477+0.5193i	0.0521−0.1121i
49.0	−2.0905+0.2865i	−0.3412+0.3830i	−0.5879−0.8092i	−1.9272+0.5038i	0.2029+0.2616i	−1.2949+1.3931i	−1.3621+0.5221i	0.0400−0.1091i
49.1	−2.1038+0.3159i	−0.2531+0.4155i	−0.6917−0.7803i	−1.6958+0.6123i	0.1632+0.2270i	−1.3931+1.2635i	−1.3238+0.5532i	−0.0135−0.0954i
49.2	−2.1401+0.3859i	−0.2039+0.3857i	−0.6799−0.6508i	−1.5945+0.4467i	0.2109+0.2563i	−1.4362+1.5671i	−1.3480+0.5719i	−0.0099−0.0357i
49.3	−2.1588+0.3652i	−0.1644+0.3582i	−0.5910−0.7320i	−1.8131+0.5291i	0.2323+0.2380i	−1.4298+1.4497i	−1.3333+0.5958i	−0.0249−0.0116i
49.4	−2.2074+0.4346i	−0.1009+0.3215i	−0.7537−0.7891i	−1.5833+0.6424i	0.2536+0.2053i	−1.5132+1.5239i	−1.3569+0.6363i	−0.0141−0.0059i
49.5	−2.1737+0.4641i	−0.0886+0.2781i	−0.6603−0.6801i	−1.7540+0.4284i	0.2102+0.1526i	−1.8187+1.7533i	−1.2252+0.6343i	0.0400−0.0213i
49.6	−2.1791+0.4795i	−0.1215+0.2502i	−0.7098−0.6301i	−1.8874+0.6102i	0.2038+0.1677i	−1.6309+1.9909i	−1.2682+0.5931i	0.0012−0.0426i
49.7	−2.2202+0.5208i	−0.1417+0.2737i	−0.8278−0.6495i	−1.8052+0.7537i	0.2104+0.1475i	−1.4367+2.1781i	−1.3036+0.6170i	−0.0120−0.0651i

49.8	-2.2695+0.5486i	-0.0951+0.2868i	-1.0174-0.7130i	-1.5826+0.8726i	0.1714+0.1703i	-1.4016+2.1919i	-1.3562+0.6511i	-0.0932-0.0044i
49.9	-2.3019+0.5697i	-0.0432+0.2669i	-1.1617-0.7953i	-2.1522+0.3233i	0.2076+0.1460i	-1.4365+2.1366i	-1.2876+0.7196i	0.0246+0.0682i
50.0	-2.3223+0.6630i	-0.0594+0.2249i	-1.1543-0.6516i	-2.0952+0.9550i	0.1978+0.1340i	-1.2266+2.5705i	-1.2905+0.6921i	0.0126+0.0182i
50.1	-2.2938+0.6964i	-0.0711+0.1905i	-1.1438-0.3930i	-2.1609+0.9665i	0.1683+0.1272i	-1.3522+2.2634i	-1.2639+0.6989i	0.0238+0.0034i
50.2	-2.3222+0.7356i	-0.1372+0.2143i	-1.0978-0.5486i	-1.5891+0.5687i	0.1791+0.1255i	-1.2911+2.5839i	-1.3023+0.7181i	-0.0164+0.0077i
50.3	-2.3644+0.7604i	-0.1705+0.2751i	-1.2538-0.7038i	-2.0047+0.5923i	0.1895+0.1140i	-0.9914+2.7830i	-1.3306+0.7618i	-0.0109+0.0406i
50.4	-2.3620+0.8290i	-0.1293+0.2890i	-1.4628-0.4487i	-2.1700+1.0090i	0.1848+0.1032i	-0.5524+2.6294i	-1.3275+0.8254i	0.0198+0.0362i
50.5	-2.3549+0.8216i	-0.1435+0.3023i	-1.4890-0.2490i	-2.0586+0.8863i	0.2024+0.0819i	-0.4535+2.1258i	-1.3242+0.8777i	0.0395+0.0035i
50.6	-2.4261+0.8232i	-0.0535+0.3635i	-1.6302-0.1946i	-1.5652+1.1334i	0.0872+0.0579i	-0.9447+1.9550i	-1.2370+0.9110i	-0.0365+0.0178i
50.7	-2.5282+0.8044i	-0.0188+0.2824i	-1.7037-0.3015i	-2.0941+0.8524i	0.1279+0.1492i	-1.1389+2.2676i	-1.2751+0.8518i	0.0020+0.0623i
50.8	-2.5539+0.9241i	-0.0331+0.2676i	-1.8022-0.0996i	-2.1185+0.9176i	0.1614+0.1168i	-0.9968+2.2522i	-1.2871+0.9556i	-0.0019+0.0561i
50.9	-2.6115+1.0212i	-0.0557+0.2485i	-1.8501+0.1625i	-2.2963+0.8963i	0.1458+0.1061i	-0.9681+2.7836i	-1.2020+0.9583i	0.0506+0.0607i
51.0	-2.6393+1.1107i	-0.0056+0.2578i	-2.0975+0.4213i	-2.2098+1.3489i	0.1501+0.0918i	-0.5373+2.3330i	-1.2064+1.0070i	0.0657+0.0402i
51.1	-2.6290+1.1595i	-0.1031+0.2219i	-1.7679+0.6569i	-1.8145+1.4095i	0.1192+0.0892i	-0.9179+2.3694i	-1.1893+1.0217i	0.0047+0.0207i
51.2	-2.6638+1.2174i	-0.0898+0.2499i	-1.7890+0.7835i	-2.2867+1.2386i	0.1115+0.1077i	-0.7479+2.4621i	-1.1750+1.0397i	0.0028+0.0536i
51.3	-2.6838+1.2745i	-0.1300+0.2582i	-1.6534+1.0914i	-2.2045+1.1537i	0.1225+0.0872i	-0.6850+2.2291i	-1.1629+1.0863i	0.0122+0.0189i
51.4	-2.7329+1.3474i	-0.1848+0.3489i	-1.5569+1.2156i	-2.1748+1.2771i	0.1103+0.0935i	-0.8040+2.2908i	-1.1269+1.1469i	-0.0163+0.0419i
51.5	-2.8147+1.3935i	-0.1391+0.4362i	-1.6354+0.9476i	-2.5453+1.1311i	0.0869+0.1155i	-0.6937+2.3120i	-1.0704+1.1986i	-0.0220+0.0857i
51.6	-2.8591+1.5617i	-0.0102+0.4254i	-1.9249+1.2997i	-2.1243+1.6596i	0.0952+0.1064i	-0.5478+2.0425i	-0.9893+1.2334i	0.0034+0.0979i
51.7	-2.9075+1.6416i	-0.0162+0.4716i	-1.4612+1.6347i	-2.4229+1.5615i	0.0839+0.0987i	-1.1175+1.8541i	-0.9418+1.2577i	-0.0392+0.1016i
51.8	-3.0334+1.8353i	0.0581+0.4684i	-1.6388+1.7089i	-2.4803+1.5138i	0.0648+0.1148i	-1.2192+2.1512i	-0.8680+1.2605i	-0.0082+0.1529i
51.9	-3.0408+1.9609i	0.1055+0.4090i	-1.3723+2.2070i	-2.2927+1.5647i	0.0783+0.0946i	-1.5204+1.8906i	-0.8051+1.1972i	0.0139+0.0954i
52.0	-3.1531+2.1931i	0.1190+0.4098i	-1.1278+2.0311i	-2.4719+1.6836i	0.0842+0.1002i	-1.7446+2.4100i	-0.8419+1.1259i	0.0526+0.1636i
52.1	-3.0843+2.4139i	0.1370+0.4032i	-1.0757+2.2290i	-2.5235+2.0984i	0.0494+0.1098i	-1.6332+2.5297i	-0.9328+1.1205i	0.0354+0.1595i
52.2	-3.0277+2.5758i	0.1979+0.2548i	-1.1222+2.1719i	-2.4255+1.6173i	0.0109+0.1234i	-2.3309+2.6103i	-0.9126+1.2325i	0.0431+0.2895i
52.3	-2.9265+2.7425i	0.0682+0.4523i	-0.9389+2.0290i	-2.5133+2.1262i	-0.0028+0.1381i	-1.5478+3.3471i	-0.8565+1.2058i	0.2052+0.1574i
52.4	-2.8277+2.9825i	0.1271+0.3771i	-1.0796+2.9194i	-2.3532+2.3511i	-0.0253+0.1217i	-1.6511+3.0744i	-0.8877+1.2490i	0.1250+0.0608i
52.5	-2.7888+3.0795i	-0.0165+0.5118i	-0.1054+2.7274i	-2.7132+2.1126i	-0.0960+0.1502i	-1.7059+3.6079i	-0.8927+1.3102i	-0.0040+0.1131i
52.6	-2.7243+3.3190i	0.1840+0.6387i	-0.9687+2.4097i	-2.3548+2.8929i	-0.0994+0.2128i	-1.2894+3.5282i	-0.7986+1.3837i	0.1081+0.1885i
52.7	-2.5799+3.5122i	0.3250+0.5041i	-1.1325+3.1650i	-2.2934+2.7324i	-0.0664+0.2744i	-1.4767+3.2769i	-0.7351+1.3657i	0.2072+0.0966i
52.8	-2.4969+3.5533i	0.2400+0.4996i	0.0965+3.5851i	-2.0670+2.8128i	-0.0590+0.3380i	-2.0698+3.6634i	-0.7256+1.3575i	0.1650+0.0992i
52.9	-2.4418+3.8652i	0.3981+0.6334i	-0.4633+3.4829i	-1.7577+2.8733i	-0.0294+0.3478i	-1.4640+4.1876i	-0.7271+1.4383i	0.2069+0.0551i
53.0	-2.1887+3.9862i	0.5040+0.5301i	0.3884+4.3473i	-1.8415+3.2544i	-0.0099+0.3875i	-1.3736+3.8103i	-0.6572+1.5083i	0.1169+0.0370i
53.1	-2.0194+4.1843i	0.5782+0.4373i	0.8985+4.5472i	-1.8186+3.0799i	-0.0029+0.3941i	-1.8122+4.2358i	-0.5049+1.4851i	0.1838-0.0012i
53.2	-1.7994+4.3580i	0.6125+0.3581i	1.2670+4.8844i	-1.4942+3.3758i	0.0471+0.5027i	-1.5566+4.5097i	-0.5039+1.4598i	0.1543-0.0248i
53.3	-1.5667+4.4924i	0.5775+0.2997i	2.1027+4.7507i	-1.4464+3.5326i	0.0986+0.5413i	-1.5009+4.7470i	-0.4730+1.4731i	0.0948-0.0131i
53.4	-1.2080+4.6318i	0.5981+0.2624i	2.8667+4.5635i	-1.1060+3.4716i	0.1844+0.5499i	-1.1394+4.9977i	-0.4237+1.4782i	0.0738-0.0561i
53.5	-1.0130+4.4785i	0.6931+0.3550i	3.3612+3.9474i	-0.9157+3.4518i	0.2319+0.5269i	-1.3010+4.8169i	-0.3728+1.4419i	0.0505-0.0100i
53.6	-0.8795+4.5867i	0.7558+0.2256i	3.7054+3.4962i	-0.9094+3.2273i	0.2466+0.5261i	-1.4787+5.6338i	-0.3897+1.4546i	0.0201+0.0545i
53.7	-0.6693+4.6711i	0.8348+0.1135i	3.6578+3.3691i	-0.8367+3.4525i	0.2734+0.5320i	-0.9094+5.8025i	-0.4015+1.5093i	0.0554+0.0664i
53.8	-0.4527+4.6854i	0.7825-0.0071i	3.8562+2.8835i	-0.6338+3.4151i	0.2978+0.5612i	-0.9890+6.2237i	-0.3462+1.6109i	0.0718+0.1011i
53.9	-0.1107+4.6998i	0.6628-0.0509i	4.0413+2.7787i	-0.4123+3.8647i	0.3434+0.6028i	-0.3436+6.8276i	-0.1839+1.6611i	0.0469+0.0811i
54.0	0.1972+4.5922i	0.6503+0.0938i	4.3652+2.6557i	0.1611+3.6824i	0.4636+0.6189i	0.7271+7.0029i	-0.0191+1.6050i	0.0408+0.0992i
54.1	0.5053+4.4520i	1.0402+0.0610i	5.0130+2.8812i	0.3023+3.6260i	0.5875+0.5682i	1.7710+6.0101i	0.0539+1.5401i	0.0296+0.1326i
54.2	0.4537+4.3468i	0.9457-0.5269i	5.8218+2.7407i	0.3445+3.4665i	0.5690+0.4418i	0.4562+5.7636i	0.1117+1.4269i	0.0219+0.0953i
54.3	0.8880+4.2531i	0.7214-0.4549i	6.2749+2.4441i	0.8411+3.3748i	0.6521+0.3994i	1.6189+5.5479i	0.1193+1.4164i	-0.0212+0.1154i
54.4	0.9130+4.0981i	0.6573-0.5454i	6.6783+1.2938i	0.5752+3.0796i	0.6809+0.3359i	1.3152+5.5325i	0.1413+1.3526i	-0.0117+0.1318i
54.5	0.9780+4.0513i	0.5659-0.6097i	6.6031+0.5771i	0.3629+3.0891i	0.6945+0.2912i	1.2431+5.6868i	0.1461+1.3386i	-0.0109+0.1688i
54.6	1.1106+3.9582i	0.4376-0.6240i	6.7907-0.5040i	0.6512+2.8525i	0.6823+0.2472i	1.2998+5.9285i	0.1800+1.3141i	-0.0040+0.2248i
54.7	1.2312+3.9757i	0.3099-0.5552i	5.8709-1.5054i	0.5736+2.8672i	0.6718+0.1999i	1.8520+6.2639i	0.1894+1.2900i	0.0164+0.2754i
54.8	1.5634+3.8274i	0.3785-0.5694i	5.6315-0.5047i	0.7257+2.9211i	0.6877+0.1555i	2.3216+5.6246i	0.2429+1.2835i	0.0580+0.2551i
54.9	1.5524+3.5249i	0.2327-0.6977i	6.6297-1.5266i	1.3075+2.7870i	0.6716+0.1025i	1.8707+5.6138i	0.2799+1.2276i	0.0468+0.2653i
55.0	1.6037+3.4862i	0.1173-0.6775i	6.1894-2.2187i	0.9895+2.7013i	0.6675+0.0655i	2.1627+5.9089i	0.2983+1.2026i	0.0754+0.2953i
55.1	1.6829+3.3929i	0.0383-0.5726i	5.4884-2.6446i	1.2278+2.5999i	0.6517+0.0231i	2.5387+5.9515i	0.2943+1.1622i	0.1167+0.3324i
55.2	1.8661+3.3619i	0.0157-0.4762i	5.0397-2.4840i	1.1439+2.3539i	0.6451-0.0115i	2.9663+5.7573i	0.3455+1.1746i	0.1467+0.3626i
55.3	1.9326+3.1883i	-0.0215-0.4310i	5.0189-2.6773i	1.3686+2.2767i	0.5956-0.0514i	3.1325+5.5642i	0.3999+1.1487i	0.1663+0.3780i
55.4	2.0230+3.0873i	-0.0400-0.3583i	4.6958-2.4990i	1.0198+2.3672i	0.5581-0.0719i	3.3776+5.3424i	0.4266+1.0997i	0.2067+0.3592i
55.5	2.1147+2.9546i	0.0319-0.3615i	4.5955-2.4053i	1.4489+2.4243i	0.5228-0.0828i	3.4594+5.1708i	0.4550+1.0518i	0.2566+0.3648i
55.6	2.2122+2.7883i	-0.0642-0.4586i	5.2216-2.5209i	1.4523+1.8785i	0.5124-0.0737i	3.5500+5.0924i	0.4907+0.9894i	0.3019+0.3253i
55.7	2.1565+2.6527i	-0.1959-0.3136i	5.1064-3.0016i	1.5318+2.1973i	0.4873-0.0840i	3.5649+5.0385i	0.4556+0.9353i	0.2661+0.3330i
55.8	2.2259+2.5007i	-0.1618-0.2092i	4.7093-2.9713i	1.1492+1.7167i	0.4536-0.0769i	3.7956+4.8204i	0.4692+0.9085i	0.3105+0.3387i
55.9	2.2988+2.4192i	-0.1172-0.1573i	4.6533-3.2198i	1.1808+1.8392i	0.4628-0.0602i	4.0229+4.7697i	0.4801+0.8800i	0.3365+0.3402i
56.0	2.3188+2.3183i	-0.0946-0.1282i	4.4602-3.2114i	1.3773+1.3110i	0.4540-0.0505i	4.1719+4.5847i	0.4665+0.8416i	0.3728+0.3556i

56.1	2.3366+2.1582i	-0.0302-0.1918i	5.0742-3.2493i	1.2301+2.0094i	0.4602-0.0558i	4.1620+4.2735i	0.4887+0.7912i	0.4070+0.2980i
56.2	2.3028+2.0464i	-0.1241-0.1474i	5.0640-4.0876i	1.8546+1.4745i	0.4585-0.0414i	4.1757+4.3554i	0.4629+0.7409i	0.3968+0.3002i
56.3	2.3852+1.9487i	-0.0831-0.0943i	4.7650-4.1295i	1.3849+1.4043i	0.4733-0.0258i	4.4559+4.1857i	0.4618+0.7074i	0.4265+0.3121i
56.4	2.4001+1.8537i	-0.1138-0.0690i	5.3287-4.3591i	1.6220+1.3576i	0.4763-0.0339i	4.5108+4.1027i	0.4576+0.6861i	0.4336+0.2761i
56.5	2.3179+1.7558i	-0.0895-0.0569i	5.0135-4.5785i	1.2391+1.4953i	0.4931-0.0246i	4.4570+3.9423i	0.4115+0.6687i	0.4429+0.2551i
56.6	2.3443+1.6573i	-0.0540-0.0405i	4.6468-4.7179i	1.2590+1.0813i	0.5500-0.0653i	4.6148+3.7375i	0.4033+0.6614i	0.4623+0.2649i
56.7	2.3801+1.5191i	0.0083-0.0495i	4.7054-5.0478i	1.5357+1.2367i	0.5170-0.1291i	4.7354+3.5225i	0.4054+0.6516i	0.5088+0.2537i
56.8	2.3161+1.4022i	0.0188-0.0796i	4.8942-5.2830i	1.1086+1.2536i	0.4919-0.1107i	4.7278+3.3417i	0.3903+0.6197i	0.5416+0.2100i
56.9	2.3124+1.3368i	0.0598-0.1003i	4.9808-5.6344i	1.2758+1.1110i	0.4984-0.1144i	4.8112+3.1699i	0.3837+0.6018i	0.5671+0.1952i
57.0	2.2922+1.2302i	0.0947-0.1199i	4.6798-6.1226i	1.4509+0.9924i	0.5097-0.1310i	4.8936+2.9050i	0.3772+0.6023i	0.5989+0.1830i
57.1	2.2858+1.1482i	0.0946-0.1451i	4.8805-6.3789i	1.3842+1.1711i	0.5150-0.1589i	4.9489+2.7161i	0.3584+0.6170i	0.6173+0.1532i
57.2	2.2703+1.0663i	0.1136-0.2099i	4.8533-6.3861i	1.0161+0.8331i	0.5142-0.1726i	4.9257+2.4534i	0.3919+0.6195i	0.6274+0.1101i
57.3	2.1783+0.9719i	-0.1006-0.1926i	5.1077-7.0780i	0.6723+0.8228i	0.4708-0.2000i	4.6098+2.3420i	0.3782+0.5688i	0.5655+0.0835i
57.4	2.1612+0.9103i	-0.0190-0.0944i	4.8768-7.8175i	1.3535+0.8192i	0.4386-0.2105i	4.6466+2.2702i	0.3668+0.5840i	0.6045+0.1027i
57.5	2.0964+0.8496i	-0.0019-0.0998i	4.2029-8.1540i	1.2757+1.0672i	0.4209-0.2062i	4.4669+2.0998i	0.3636+0.5695i	0.6120+0.0825i
57.6	2.0280+0.8587i	0.0245-0.1052i	3.6158-8.2337i	1.0786+0.8026i	0.4193-0.1995i	4.3451+2.0815i	0.3666+0.5809i	0.6042+0.0772i
57.7	2.0093+0.8576i	0.0321-0.1131i	3.4530-8.5657i	1.1269+1.1905i	0.4322-0.2044i	4.3330+2.0874i	0.3644+0.5865i	0.6278+0.0585i
57.8	1.9881+0.7758i	0.0325-0.0822i	2.8375-8.9738i	0.9660+0.9241i	0.4018-0.1960i	4.2560+1.9932i	0.3844+0.5659i	0.6269+0.0638i
57.9	1.9708+0.6858i	0.0398-0.0966i	2.2569-9.0794i	1.1536+0.5694i	0.4098-0.2045i	4.2073+1.8663i	0.3884+0.5625i	0.6620+0.0273i
58.0	1.9257+0.6371i	0.0450-0.0993i	2.0229-9.6061i	1.1186+0.7621i	0.4230-0.1939i	4.0828+1.8163i	0.4049+0.5368i	0.6776-0.0131i
58.1	1.8512+0.6554i	0.0241-0.2091i	1.0243-9.8853i	0.9055+0.7865i	0.4314-0.1981i	3.7253+1.9088i	0.4222+0.5098i	0.7118-0.0573i
58.2	1.9061+0.6625i	-0.0104-0.0342i	0.5209-10.1603i	1.2799+1.0797i	0.4728-0.2114i	4.2638+2.2119i	0.3742+0.4992i	0.6862-0.0313i
58.3	1.8574+0.5905i	0.0312-0.0843i	-0.1967-10.5605i	1.3003+0.9678i	0.4657-0.2243i	4.1918+1.9452i	0.3935+0.4894i	0.6983-0.0705i
58.4	1.8059+0.5836i	0.0148-0.1204i	-0.8725-10.0663i	0.6674+0.4684i	0.4610-0.2192i	4.0132+1.9163i	0.4104+0.4888i	0.7201-0.0888i
58.5	1.7938+0.5528i	0.0691+0.0436i	-1.5371-9.7540i	0.8866+0.5712i	0.4011-0.2014i	4.1046+1.9991i	0.3934+0.4670i	0.6339-0.0347i
58.6	1.8078+0.5227i	0.2036-0.0463i	-2.2566-9.4989i	0.8857+1.0369i	0.4421-0.2316i	4.2127+1.8295i	0.4174+0.4728i	0.7210-0.0419i
58.7	1.7910+0.5185i	0.2116-0.0935i	-2.4781-8.8340i	1.1681+0.7382i	0.4641-0.2419i	4.1829+1.8444i	0.4162+0.4615i	0.7558-0.0915i
58.8	1.7818+0.5227i	0.2477-0.1318i	-2.8580-8.1198i	1.0671+1.0149i	0.4562-0.2473i	4.1157+1.8419i	0.4396+0.4523i	0.7826-0.1357i
58.9	1.7533+0.4876i	0.2743-0.1891i	-3.4066-7.6447i	0.9537+0.5311i	0.4531-0.2774i	4.1074+1.7706i	0.4522+0.4203i	0.8105-0.2013i
59.0	1.7773+0.4531i	0.1950-0.3782i	-3.5168-7.2307i	1.1344+0.5376i	0.4176-0.2968i	4.1367+1.6349i	0.4236+0.3854i	0.7814-0.2249i
59.1	1.7688+0.4460i	0.2294-0.2936i	-3.5933-7.0141i	1.0660+0.4831i	0.4682-0.2467i	4.1318+1.7476i	0.4450+0.3862i	0.8634-0.2160i
59.2	1.7273+0.4736i	0.2009-0.4302i	-3.3179-6.6059i	0.7761+0.8418i	0.4682-0.2914i	4.1430+1.7739i	0.4315+0.3582i	0.8534-0.2512i
59.3	1.7444+0.5150i	0.1379-0.4768i	-3.1087-6.8425i	0.8529+0.5132i	0.4424-0.3089i	4.1086+1.7806i	0.4218+0.3408i	0.8352-0.2665i
59.4	1.7525+0.4978i	0.1039-0.5365i	-3.0886-6.5812i	0.9472+0.6998i	0.4613-0.3256i	4.1351+1.7747i	0.4150+0.3112i	0.8627-0.3005i
59.5	1.7973+0.5538i	0.0249-0.5719i	-2.7227-6.7806i	0.6947+0.3030i	0.4782-0.3223i	4.1953+1.9336i	0.3767+0.3301i	0.8878-0.2670i
59.6	1.8375+0.5179i	-0.0028-0.6005i	-2.8772-6.6512i	0.6328+0.3551i	0.5105-0.3181i	4.2573+1.9280i	0.3707+0.3123i	0.9505-0.3100i
59.7	1.8748+0.5048i	-0.0905-0.6129i	-2.9505-6.6097i	0.8434+0.5221i	0.5200-0.3248i	4.2567+1.8881i	0.3654+0.2996i	0.9771-0.3161i
59.8	1.8998+0.5366i	-0.1552-0.7144i	-2.9571-6.5367i	0.7954+0.6159i	0.5426-0.3444i	4.3326+1.9343i	0.3429+0.3188i	1.0047-0.3572i
59.9	1.9625+0.4590i	-0.2508-0.6866i	-3.4098-6.2171i	1.0811+0.3151i	0.5601-0.3983i	4.3312+1.8132i	0.3583+0.3256i	1.0874-0.4308i
60.0	1.9547+0.3835i	-0.3354-0.7549i	9.7364-6.3610i	0.7988+0.5041i	0.5941-0.4206i	4.4415+1.7452i	0.4842+0.3140i	1.0837-0.2305i
60.1	2.0730+0.3076i	-0.4933-0.7811i	-2.6879-4.8071i	0.9092+0.4735i	0.5688-0.4830i	4.6145+1.7476i	0.3514+0.3403i	1.0947-0.6545i
60.2	2.1144+0.2515i	-0.6170-0.7702i	-3.5878-5.6767i	0.7220+0.7387i	0.5954-0.5162i	4.6292+1.8041i	0.3343+0.3223i	1.1376-0.7528i
60.3	2.2075+0.1624i	-0.8153-0.7968i	-3.0862-5.3943i	0.4526+0.9480i	0.6225-0.5648i	4.6893+1.7573i	0.3387+0.3220i	1.1679-0.8573i
60.4	2.2362+0.0383i	-1.0021-0.7725i	-3.2696-5.2970i	0.7902+0.4765i	0.6001-0.6035i	4.7679+1.7016i	0.3546+0.3221i	1.1257-0.9961i
60.5	2.2068-0.0947i	-1.2540-0.6429i	-2.9642-5.6139i	0.8346+0.7858i	0.5384-0.6368i	4.8194+1.6623i	0.3679+0.3184i	1.0066-1.0781i
60.6	2.1811-0.2096i	-1.5500-0.3769i	-3.0095-5.6705i	0.6572+0.5237i	0.5117-0.6582i	4.7859+1.6066i	0.3774+0.3019i	0.9182-1.1300i
60.7	2.1034-0.3195i	-1.7374+0.0417i	-3.6201-5.6373i	0.9198+0.6150i	0.5508-0.6243i	4.8412+1.6525i	0.3890+0.3180i	0.8524-1.0549i
60.8	2.0088-0.4014i	-1.6392+0.5885i	-3.6342-5.2559i	0.4718+0.6570i	0.5645-0.6212i	4.9683+1.6820i	0.3965+0.3155i	0.8094-0.9772i
60.9	1.9071-0.4216i	-1.2487+0.9584i	-3.2006-5.2677i	0.4335+0.7903i	0.6344-0.6975i	5.1277+1.5726i	0.4035+0.2605i	0.9356-0.9907i
61.0	1.8755-0.3723i	-0.9346+0.9903i	-3.5575-4.8363i	0.8718+0.2403i	0.7090-0.7895i	5.2476+1.5348i	0.4108+0.2525i	1.0916-1.0975i
61.1	1.9401-0.4020i	-0.7670+0.9531i	-2.9411-4.2137i	0.9209+0.4540i	0.7332-0.9532i	5.3635+1.4484i	0.4397+0.2166i	1.1745-1.3303i
61.2	1.9817-0.4694i	-0.6777+0.9439i	-3.0975-4.2882i	0.6173+0.9122i	0.7388-1.1425i	5.5034+1.3381i	0.4331+0.1605i	1.2298-1.6219i
61.3	1.9736-0.5686i	-0.5710+0.8889i	-3.2990-4.8245i	0.2017+0.9149i	0.6616-1.2749i	5.5896+1.1824i	0.4337+0.1355i	1.1270-1.8518i
61.4	1.9737-0.6115i	-0.5397+0.8764i	-3.2199-5.0798i	0.8897+0.9445i	0.5649-1.3602i	5.5853+1.0592i	0.4046+0.1303i	1.0387-2.0121i
61.5	1.9459-0.6490i	-0.5102+0.9248i	-2.4536-4.3525i	0.8281+0.8769i	0.4772-1.4873i	5.6087+1.0292i	0.3947+0.0786i	0.9082-2.2052i
61.6	1.8939-0.7641i	-0.4784+0.9924i	-2.1916-4.0546i	0.7060+0.8695i	0.3238-1.6184i	5.7213+0.8457i	0.3801+0.0358i	0.6605-2.4193i
61.7	1.8500-0.8457i	-0.4479+1.0455i	-2.1515-4.2142i	0.8472+0.7672i	0.1843-1.7213i	5.8091+0.7524i	0.3520+0.0286i	0.4349-2.5781i
61.8	1.7834-0.8728i	-0.3548+1.0843i	-2.1396-4.5815i	0.8196+0.3499i	0.0201-1.7631i	5.8130+0.7202i	0.2932+0.0023i	0.1746-2.6528i
61.9	1.7458-0.9625i	-0.2715+1.1798i	-1.9722-4.3206i	0.9688+0.7499i	-0.1992-1.7962i	5.8610+0.6555i	0.2456+0.0214i	-0.1356-2.7118i
62.0	1.6998-1.0135i	-0.1525+1.2770i	-0.7378-4.3779i	0.9715+0.4639i	-0.3779-1.8176i	5.9230+0.5919i	0.2054+0.0059i	-0.4093-2.7251i
62.1	1.6400-1.0820i	0.0070+1.3692i	-0.3205-4.8530i	1.0413+0.6143i	-0.6095-1.8579i	6.1092+0.4606i	0.1643-0.0006i	-0.7756-2.7729i
62.2	1.6058-1.1588i	0.1417+1.3995i	-0.2655-4.7603i	1.2012+0.5185i	-0.8065-1.8113i	6.1507+0.3186i	0.1194+0.0404i	-1.0502-2.7311i
62.3	1.5270-1.1623i	0.2726+1.3720i	0.4973-5.1844i	1.4148+0.8735i	-0.9691-1.7181i	6.1904+0.2565i	0.0879+0.0479i	-1.2698-2.5506i

62.4	1.4644-1.2137i	0.4232+1.3519i	0.4905-5.6535i	1.1903+0.3468i	-1.1122-1.6315i	6.2420+0.1429i	0.0640+0.0751i	-1.4684-2.4194i
62.5	1.3918-1.2432i	0.5437+1.3263i	0.4879-4.8877i	1.2204+0.2930i	-1.2923-1.5051i	6.3869-0.0079i	0.0551+0.1094i	-1.7403-2.2748i
62.6	1.3603-1.2678i	0.7115+1.3424i	1.6465-5.7374i	1.3192+0.6648i	-1.4943-1.3966i	6.5196-0.1774i	0.0372+0.1278i	-2.0357-2.0994i
62.7	1.3206-1.2835i	0.8219+1.2674i	2.6345-6.8579i	1.4316+0.3403i	-1.5623-1.2440i	6.5570-0.2818i	0.0169+0.1490i	-2.1292-1.8664i
62.8	1.2604-1.2740i	0.8947+1.1708i	3.1270-7.0068i	1.6486-0.0158i	-1.5927-1.0819i	6.5625-0.3402i	0.0194+0.1756i	-2.1376-1.6333i
62.9	1.2141-1.2970i	1.0026+1.1372i	3.2430-7.6713i	1.7355+0.3813i	-1.7119-0.9560i	6.6447-0.4364i	0.0138+0.2226i	-2.2745-1.4594i
63.0	1.1969-1.3281i	1.1252+1.1028i	3.7109-8.9834i	1.6570-0.0158i	-1.7943-0.8314i	6.7627-0.6364i	0.0130+0.2348i	-2.3750-1.2777i
63.1	1.1869-1.3330i	1.1902+1.0099i	3.8996-10.3477i	1.2645+0.1951i	-1.8234-0.7003i	6.8519-0.8170i	0.0074+0.2796i	-2.3776-1.0745i
63.2	1.1111-1.3399i	1.2912+0.9217i	3.2790-10.5248i	1.3478+0.2429i	-1.8570-0.5517i	6.8355-0.9466i	0.0094+0.2908i	-2.4101-0.8684i
63.3	1.0755-1.4120i	1.3479+0.8134i	4.4835-11.4402i	1.4507-0.3472i	-1.8849-0.3569i	6.9936-1.1908i	0.0277+0.3194i	-2.4318-0.6465i
63.4	1.0811-1.4784i	1.4903+0.7351i	5.5935-12.3018i	1.1047+0.1688i	-1.9130-0.2122i	7.0918-1.3560i	0.0376+0.3727i	-2.4661-0.4484i
63.5	1.0137-1.5551i	1.5784+0.6312i	6.3604-13.7746i	1.2578+0.2452i	-1.9683-0.0470i	7.2527-1.6812i	0.0895+0.4193i	-2.4918-0.2342i
63.6	0.9393-1.5712i	1.6577+0.4947i	6.7476-14.8340i	1.4651+0.0187i	-1.9585+0.0975i	7.2319-2.0108i	0.0760+0.3919i	-2.4302-0.0720i
63.7	0.8687-1.5495i	1.6968+0.4068i	6.5042-14.9537i	1.0895+0.1618i	-1.9385+0.2106i	7.1862-2.1025i	0.0746+0.4096i	-2.3806+0.0783i
63.8	0.7295-1.5775i	1.7219+0.2073i	6.4157-18.6285i	1.1112+0.1338i	-1.8456+0.4064i	7.1131-2.4310i	0.1194+0.4262i	-2.2846+0.2888i
63.9	0.6585-1.6170i	1.7365+0.1184i	3.8255-20.7641i	0.9396-0.3448i	-1.8208+0.4927i	7.0403-2.6343i	0.1318+0.4623i	-2.1966+0.3745i
64.0	0.6383-1.6602i	1.8060+0.0146i	4.5963-21.4016i	0.9359-0.2183i	-1.8293+0.6413i	7.2399-3.0092i	0.1673+0.4509i	-2.1627+0.5302i
64.1	0.5832-1.6769i	1.8929-0.0666i	4.3578-23.5675i	1.2551-0.0109i	-1.8109+0.7482i	7.2970-3.2485i	0.1795+0.4594i	-2.1431+0.6347i
64.2	0.4931-1.6492i	1.9253-0.2275i	2.8289-26.5896i	0.9911-0.0363i	-1.7513+0.8809i	7.0637-3.4765i	0.1752+0.4616i	-2.0503+0.7663i
64.3	0.4254-1.6211i	1.9477-0.3894i	2.0275-28.8049i	0.8459+0.0061i	-1.6930+1.0189i	7.0794-3.7235i	0.2010+0.4681i	-1.9649+0.8994i
64.4	0.3822-1.5759i	1.9439-0.6342i	-0.2942-31.2177i	0.7132+0.0310i	-1.5763+1.2211i	6.8582-4.1044i	0.2072+0.4925i	-1.8172+1.1056i
64.5	0.2530-1.5960i	1.9754-0.8950i	-1.9274-35.1145i	0.9768-0.0056i	-1.5126+1.3966i	6.7902-4.5077i	0.2187+0.5004i	-1.7594+1.2527i
64.6	0.2476-1.5839i	1.8874-1.0182i	-5.3283-36.4659i	1.1220+0.0450i	-1.4126+1.4907i	6.8056-4.6728i	0.2462+0.5224i	-1.6550+1.2937i
64.7	0.2388-1.5915i	1.8269-1.2103i	-7.0512-38.3892i	1.2255+0.0355i	-1.2651+1.6285i	6.5044-5.1085i	0.2612+0.5566i	-1.4878+1.4340i
64.8	0.1964-1.6362i	1.7724-1.4246i	-10.3543-40.2106i	1.1328+0.4031i	-1.1436+1.7753i	6.3531-5.4789i	0.2900+0.5751i	-1.3777+1.5399i
64.9	0.1737-1.6365i	1.6225-1.5795i	-14.4578-40.9847i	1.0279+0.1737i	-0.9467+1.8488i	5.9938-5.7420i	0.3048+0.5845i	-1.2020+1.6048i
65.0	0.1084-1.6497i	1.4598-1.7413i	-19.7016-42.0256i	0.7744+0.0700i	-0.7855+1.9373i	5.6373-6.0101i	0.3439+0.6128i	-1.0561+1.6639i
65.1	0.0679-1.7105i	1.3414-1.9155i	-23.7204-42.9606i	1.4418+0.0763i	-0.6219+2.0336i	5.4729-6.2795i	0.3982+0.6580i	-0.9074+1.7264i
65.2	0.0028-1.8007i	1.2324-2.0362i	-25.8237-43.8074i	0.9608-0.2095i	-0.4871+2.1021i	5.2779-6.5345i	0.4303+0.6898i	-0.8141+1.7970i
65.3	-0.0791-1.8021i	0.9346-2.1200i	-32.0583-42.2421i	1.0031-0.0094i	-0.2431+2.0571i	4.6781-6.7319i	0.4854+0.6656i	-0.5984+1.7365i
65.4	-0.1649-1.7862i	0.7061-2.1519i	-38.5370-40.0381i	0.6927-0.0283i	-0.0460+2.0262i	4.3195-6.6844i	0.5612+0.6781i	-0.4337+1.7014i
65.5	-0.2443-1.7787i	0.5175-2.1659i	-44.1185-37.9026i	1.1439-0.2169i	0.1326+2.0129i	3.9130-6.7540i	0.6234+0.6681i	-0.2960+1.6916i
65.6	-0.3598-1.7962i	0.2828-2.1772i	-48.6745-36.1234i	1.1423-0.1854i	0.3402+1.9695i	3.3536-6.7706i	0.6536+0.6560i	-0.1090+1.6499i
65.7	-0.5091-1.8625i	0.1314-2.2441i	-52.1423-34.1381i	1.0165-0.2608i	0.4861+1.9730i	3.0874-6.9711i	0.7503+0.6792i	-0.0075+1.6667i
65.8	-0.6461-1.8860i	-0.0396-2.2238i	-55.8022-28.1247i	1.1331-0.4528i	0.6185+1.9252i	2.9164-6.9805i	0.8320+0.6793i	0.0737+1.6232i
65.9	-0.7436-1.8717i	-0.2307-2.1550i	-59.3846-24.6181i	0.9395-0.9559i	0.7557+1.8068i	2.6306-6.7106i	0.8762+0.6656i	0.2060+1.5202i
66.0	-0.9665-1.8460i	-0.4549-2.1047i	-62.1205-20.9015i	0.8752-0.5217i	0.9690+1.7173i	2.1415-6.8922i	0.9884+0.6369i	0.3510+1.4732i
66.1	-1.1143-1.7468i	-0.6494-1.9718i	-63.6454-16.3683i	1.1519-0.3641i	1.1174+1.5630i	1.9536-6.7101i	1.0618+0.5562i	0.4752+1.3591i
66.2	-1.2982-1.6278i	-0.8571-1.8443i	-66.5296-12.1764i	0.4568-0.2791i	1.2636+1.4006i	1.6163-6.6897i	1.1570+0.4742i	0.5922+1.2526i
66.3	-1.4595-1.4964i	-1.0110-1.7508i	-67.3742-7.2006i	0.5799-0.4223i	1.3587+1.2597i	1.4335-6.7528i	1.2718+0.3673i	0.6569+1.1701i
66.4	-1.6207-1.2492i	-1.1122-1.6130i	-69.0009-2.1496i	0.8341-1.0837i	1.4114+1.0680i	1.1020-6.4954i	1.3344+0.2584i	0.7051+1.0087i
66.5	-1.7579-1.0588i	-1.1613-1.4720i	-67.1065+3.8121i	1.0154-0.7590i	1.4422+0.9253i	0.7363-6.4043i	1.3770+0.1412i	0.7430+0.9136i
66.6	-1.7134-0.8503i	-1.1670-1.3165i	-65.6530+9.1395i	1.0814-0.3128i	1.3959+0.7735i	0.6569-6.0979i	1.3647+0.0276i	0.7353+0.8113i
66.7	-1.6291-0.6348i	-1.2430-1.1677i	-65.1044+14.0729i	0.8186+0.1245i	1.3347+0.6161i	0.6526-5.7763i	1.3390-0.0663i	0.7208+0.6590i
66.8	-1.5535-0.4637i	-1.3440-1.0010i	-64.3782+18.5074i	1.0904-0.3869i	1.3454+0.4727i	0.4964-5.7350i	1.3314-0.2010i	0.6963+0.5449i
66.9	-1.5329-0.3183i	-1.4050-0.8552i	-62.3036+22.1807i	1.2231-0.4571i	1.3320+0.3815i	0.2924-5.7039i	1.3354-0.3327i	0.6989+0.4948i
67.0	-1.5308-0.2171i	-1.4242-0.7532i	-59.5755+25.4935i	0.8738-0.8466i	1.2914+0.3328i	0.2491-5.6964i	1.3273-0.4153i	0.6549+0.4662i
67.1	-1.3824-0.0998i	-1.4295-0.5595i	-57.8152+29.8660i	1.0136-0.7669i	1.2707+0.2220i	0.1117-5.5772i	1.2346-0.5234i	0.6435+0.3906i
67.2	-1.2337+0.0262i	-1.4454-0.3210i	-54.6410+33.1231i	0.7395-0.4964i	1.2589+0.0933i	-0.0048-5.4672i	1.1206-0.6360i	0.6372+0.3122i
67.3	-1.1378+0.1604i	-1.4317-0.0628i	-51.2366+35.3035i	0.5927-0.9963i	1.1879-0.0069i	-0.2851-5.3492i	1.0192-0.7352i	0.5970+0.2612i
67.4	-1.0943+0.2331i	-1.3584+0.1259i	-49.5200+38.3297i	0.4817-0.3646i	1.1513-0.0494i	-0.5169-5.3061i	0.9461-0.8151i	0.5750+0.2402i
67.5	-1.0767+0.2333i	-1.2559+0.1751i	-47.4167+40.4269i	0.6786-0.7146i	1.1243-0.0631i	-0.5636-5.2487i	0.9139-0.8652i	0.5564+0.2039i
67.6	-1.0165+0.2649i	-1.1950+0.3035i	-46.1557+41.3099i	1.0129-0.8009i	1.0924-0.1226i	-0.5790-5.2112i	0.8866-0.8726i	0.5407+0.1673i
67.7	-0.9170+0.3409i	-1.0494+0.4635i	-42.2659+44.0284i	0.5555-0.7151i	1.0481-0.1903i	-0.7851-5.0698i	0.7804-0.8930i	0.5460+0.1438i
67.8	-0.8226+0.4220i	-0.8799+0.6648i	-38.7760+46.0063i	0.5950-0.9242i	1.0070-0.2737i	-1.0740-5.0513i	0.6678-0.9810i	0.5164+0.0725i
67.9	-0.6900+0.4710i	-0.6716+0.7896i	-36.9246+46.3266i	0.4060-0.8855i	0.9436-0.3696i	-1.1888-4.8280i	0.5646-0.9968i	0.4822+0.0312i
68.0	-0.6304+0.4539i	-0.4919+0.7572i	-34.1814+47.7308i	0.0265-0.6315i	0.8692-0.3729i	-1.2143-4.7339i	0.5186-0.9853i	0.4504+0.0314i
68.1	-0.5558+0.4845i	-0.2358+0.7762i	-30.4651+49.2046i	0.1577-0.6730i	0.7916-0.4452i	-1.5728-4.5851i	0.3975-1.0306i	0.4080-0.0206i
68.2	-0.4061+0.5128i	0.0182+0.7201i	-27.1373+48.8434i	0.9475-0.7279i	0.6696-0.4762i	-1.8044-4.2641i	0.2702-1.0138i	0.3551-0.0486i
68.3	-0.3069+0.4915i	0.2181+0.6569i	-25.6543+49.7034i	0.9809-0.6977i	0.5990-0.4900i	-1.9296-4.1607i	0.1853-1.0089i	0.3166-0.0324i
68.4	-0.2491+0.4299i	0.3760+0.5591i	-24.4669+51.4482i	0.5384-1.1483i	0.5380-0.4583i	-2.0093-4.0646i	0.1225-0.9690i	0.2919-0.0240i
68.5	-0.1196+0.3462i	0.6445+0.4217i	-21.4055+50.9349i	0.4430-0.9541i	0.4157-0.4376i	-2.1887-3.6791i	0.0314-0.9029i	0.2455-0.0357i
68.6	-0.0629+0.2486i	0.8251+0.1151i	-18.1109+50.6073i	0.3829-0.8507i	0.3201-0.3906i	-2.2897-3.3557i	-0.0336-0.8363i	0.2225-0.0272i

68.7	-0.0689+0.1908i	0.7529-0.0955i	-15.7021+51.6839i	0.5306-0.7280i	0.3171-0.3234i	-2.3016-3.2581i	-0.0516-0.8029i	0.2123-0.0282i
68.8	-0.0140+0.1287i	0.8157-0.2277i	-14.2139+51.1681i	0.2400-0.6942i	0.2565-0.2843i	-2.3718-3.0293i	-0.1016-0.7507i	0.1771-0.0242i
68.9	-0.0050+0.0704i	0.7622-0.4698i	-12.5206+51.7023i	0.3396-0.8320i	0.2705-0.2342i	-2.3381-2.7694i	-0.1270-0.7195i	0.1728-0.0085i
69.0	-0.0465+0.0230i	0.6057-0.6844i	-9.4282+51.9641i	0.4704-0.8949i	0.3093-0.1785i	-2.2723-2.5876i	-0.1362-0.6706i	0.1854+0.0046i
69.1	-0.0333+0.0033i	0.5148-0.8181i	-5.7012+51.5391i	0.5982-1.0885i	0.3163-0.1504i	-2.2679-2.3155i	-0.1610-0.6279i	0.1822+0.0332i
69.2	-0.0493-0.0445i	0.3983-0.9525i	-4.7239+51.6366i	0.6090-1.1691i	0.3373-0.1304i	-2.2219-2.1708i	-0.1906-0.5753i	0.1652+0.0250i
69.3	-0.0639-0.0933i	0.3356-1.0516i	-3.6780+51.1009i	0.1053-0.8541i	0.3586-0.0946i	-2.1920-1.9766i	-0.2061-0.5406i	0.1832+0.0449i
69.4	-0.0278-0.1254i	0.1660-1.1013i	-0.6004+50.7108i	0.4492-0.8640i	0.3915-0.0961i	-2.1350-1.7657i	-0.2151-0.5078i	0.2117+0.0467i
69.5	-0.0854-0.1066i	-0.1005-1.0987i	2.7931+49.5923i	0.3233-0.7631i	0.4658-0.1640i	-2.0485-1.6104i	-0.2225-0.4825i	0.2329+0.0178i
69.6	-0.0918-0.1222i	-0.2105-1.0727i	4.9329+48.8481i	0.5898-0.7426i	0.4608-0.1968i	-1.9221-1.4460i	-0.2323-0.4566i	0.2170+0.0006i
69.7	-0.0609-0.1650i	-0.1619-1.0835i	6.4230+47.1020i	0.1574-0.8939i	0.3678-0.2110i	-1.8098-1.2421i	-0.2532-0.4379i	0.1861-0.0169i
69.8	-0.0424-0.1776i	-0.1328-1.0802i	7.7106+46.5431i	0.3543-0.8149i	0.3189-0.2376i	-1.8010-1.1315i	-0.2757-0.3997i	0.1382-0.0289i
69.9	-0.0891-0.1620i	-0.2204-1.1369i	9.3783+46.4663i	0.1850-0.6212i	0.3079-0.2204i	-1.7679-1.0731i	-0.2783-0.3852i	0.1310-0.0119i
70.0	-0.1051-0.1698i	-0.3747-1.1508i	11.7051+44.7547i	0.0202-0.8883i	0.3125-0.2252i	-1.5904-0.9198i	-0.2615-0.3286i	0.1491-0.0145i
70.1	-0.0885-0.2037i	-0.4636-1.1876i	13.8174+44.1063i	0.0818-1.1747i	0.2618-0.2108i	-1.4849-0.8360i	-0.2463-0.3058i	0.1157-0.0219i
70.2	-0.1208-0.1856i	-0.5540-1.1511i	16.2849+42.5581i	0.1861-0.9537i	0.2672-0.2456i	-1.4918-0.7649i	-0.2357-0.3025i	0.1275-0.0139i
70.3	-0.1139-0.2002i	-0.7236-1.1270i	16.9195+40.5355i	0.3709-0.6092i	0.2543-0.2248i	-1.2739-0.7004i	-0.2313-0.2962i	0.1430-0.0197i
70.4	-0.0789-0.1985i	-0.8552-1.1239i	17.8919+39.7973i	-0.0067-0.7408i	0.2293-0.1967i	-1.1482-0.6456i	-0.2371-0.2886i	0.1337-0.0214i
70.5	-0.1471-0.2524i	-0.9804-1.1096i	19.6163+38.2826i	-0.0129-0.7491i	0.2672-0.1587i	-1.0797-0.6026i	-0.2416-0.2882i	0.1361-0.0353i
70.6	-0.1548-0.2564i	-1.0286-1.0010i	19.7620+36.1632i	0.1786-0.7788i	0.2527-0.1493i	-1.0395-0.6523i	-0.2347-0.3044i	0.1334-0.0415i
70.7	-0.1218-0.2734i	-1.1340-1.0127i	21.5411+35.8714i	0.0938-0.6754i	0.2232-0.1058i	-0.9525-0.5506i	-0.2562-0.2991i	0.1166-0.0334i
70.8	-0.1061-0.2939i	-1.2096-0.8959i	22.1005+33.3558i	0.0782-0.8022i	0.1928-0.0657i	-0.8602-0.5011i	-0.2679-0.2677i	0.1084-0.0363i
70.9	-0.0693-0.3057i	-1.2393-0.7969i	22.4441+31.6838i	-0.0153-0.5197i	0.1917-0.0569i	-0.7724-0.4567i	-0.2771-0.2400i	0.1114-0.0328i
71.0	-0.0933-0.2736i	-1.2721-0.7042i	22.7162+29.8724i	-0.0949-0.9979i	0.1998-0.0423i	-0.7784-0.4092i	-0.2925-0.2445i	0.1081-0.0407i
71.1	-0.0651-0.2838i	-1.3067-0.6806i	22.5267+28.8113i	-0.0142-0.8309i	0.1929-0.0139i	-0.7586-0.2971i	-0.3367-0.2408i	0.0658-0.0473i
71.2	-0.0700-0.3980i	-1.3695-0.5865i	23.4400+27.9624i	-0.1232-0.6267i	0.2035+0.0649i	-0.6141-0.3535i	-0.3412-0.2024i	0.0416-0.0266i
71.3	-0.0879-0.4487i	-1.3786-0.4390i	23.9051+26.1343i	-0.1975-0.7286i	0.2175+0.0972i	-0.5634-0.3500i	-0.3383-0.1719i	0.0397-0.0274i
71.4	-0.0886-0.5032i	-1.4364-0.4506i	23.5309+25.1379i	0.0930-0.8809i	0.2410+0.1339i	-0.4971-0.2536i	-0.3649-0.1588i	0.0172-0.0273i
71.5	-0.0921-0.5443i	-1.5341-0.4249i	24.1271+25.2203i	-0.0250-0.8497i	0.3024+0.1804i	-0.3477-0.1905i	-0.4040-0.1464i	0.0148-0.0356i
71.6	-0.1294-0.5947i	-1.5736-0.3394i	24.9252+24.0512i	0.0879-0.7600i	0.3481+0.2148i	-0.2899-0.1657i	-0.4061-0.1286i	0.0149-0.0241i
71.7	-0.1937-0.6146i	-1.5469-0.2102i	24.6439+21.9969i	-0.1347-0.9744i	0.3879+0.2237i	-0.2660-0.1553i	-0.3862-0.0882i	0.0036-0.0040i
71.8	-0.2649-0.6240i	-1.5845-0.0792i	24.5291+21.2030i	-0.0401-0.8123i	0.4619+0.2131i	-0.2191-0.1887i	-0.3993-0.0316i	-0.0046+0.0091i
71.9	-0.2918-0.6809i	-1.6138-0.0100i	24.2848+20.2049i	0.0777-0.7154i	0.5070+0.2287i	-0.0896-0.1403i	-0.4213-0.0139i	-0.0121+0.0148i
72.0	-0.2893-0.7367i	-1.6772+0.0179i	24.5004+19.5906i	0.1476-0.6319i	0.5317+0.2471i	-0.0166-0.0265i	-0.4623+0.0211i	-0.0230+0.0192i
72.1	-0.4053-0.7753i	-1.7048+0.1846i	25.3549+18.6050i	-0.2986-1.0142i	0.6336+0.2491i	0.0504-0.0881i	-0.4637+0.1096i	-0.0289+0.0313i
72.2	-0.4729-0.7456i	-1.6137+0.2848i	25.1372+16.9659i	-0.0875-0.8172i	0.6966+0.2294i	0.0661-0.0896i	-0.4378+0.1345i	-0.0377+0.0560i
72.3	-0.5583-0.7140i	-1.5865+0.3978i	25.0300+16.4350i	0.1080-0.6406i	0.7533+0.1769i	0.1334-0.1021i	-0.4132+0.1660i	-0.0352+0.0600i
72.4	-0.6122-0.7006i	-1.5700+0.4607i	25.0281+15.5880i	-0.3495-0.8634i	0.8028+0.1387i	0.2131-0.0834i	-0.3938+0.1951i	-0.0321+0.0746i
72.5	-0.6674-0.6973i	-1.5245+0.6068i	25.4022+15.1511i	-0.4834-0.6463i	0.8724+0.0939i	0.2626-0.0987i	-0.3676+0.2621i	-0.0405+0.0990i
72.6	-0.6992-0.7205i	-1.5048+0.6993i	24.9906+14.5974i	-0.1857-0.7955i	0.9032+0.0387i	0.3414-0.1391i	-0.3808+0.3124i	-0.0530+0.1102i
72.7	-0.7407-0.6828i	-1.4491+0.6977i	24.5208+13.4075i	-0.2935-1.1430i	0.9231-0.0085i	0.3624-0.0576i	-0.3502+0.3217i	-0.0536+0.1167i
72.8	-0.7615-0.6736i	-1.4881+0.8054i	24.8461+12.6557i	-0.1547-0.5726i	0.9742-0.0803i	0.4362-0.0841i	-0.3721+0.3799i	-0.0746+0.1253i
72.9	-0.8405-0.6351i	-1.4045+0.9583i	24.5902+11.6529i	-0.3564-0.9708i	1.0089-0.1445i	0.5137-0.1299i	-0.3201+0.4260i	-0.0573+0.1498i
73.0	-0.9203-0.5711i	-1.3218+0.9848i	24.5933+10.9861i	-0.3788-0.4399i	1.0321-0.2175i	0.5170-0.1173i	-0.2578+0.4349i	-0.0457+0.1559i
73.1	-0.9984-0.5616i	-1.3068+1.1239i	25.2355+10.3022i	-0.4670-0.7868i	1.1158-0.2775i	0.6132-0.1461i	-0.2233+0.4978i	-0.0254+0.1856i
73.2	-1.0688-0.5096i	-1.1549+1.2333i	24.5983+9.0685i	-0.5176-0.9313i	1.0899-0.3920i	0.6033-0.1912i	-0.1431+0.5339i	-0.0095+0.2111i
73.3	-1.0689-0.5281i	-1.0872+1.2892i	24.8136+8.7143i	-0.1910-1.0902i	1.0774-0.4309i	0.6938-0.2073i	-0.1097+0.5504i	-0.0020+0.2137i
73.4	-1.1106-0.4808i	-0.9315+1.3342i	24.0086+8.3082i	-0.3954-0.8851i	1.0391-0.4916i	0.7222-0.2737i	0.0077+0.5548i	0.0179+0.1980i
73.5	-1.2164-0.4245i	-0.7697+1.4472i	23.3766+7.2394i	-0.0619-0.5533i	1.0244-0.5728i	0.7392-0.3705i	0.0966+0.6106i	0.0563+0.2494i
73.6	-1.2245-0.3597i	-0.6466+1.4271i	23.4829+6.3626i	-0.5901-0.7102i	0.9950-0.6473i	0.7910-0.3670i	0.1473+0.6120i	0.0627+0.2453i
73.7	-1.2744-0.2400i	-0.4786+1.3773i	23.0851+5.5912i	-0.4415-0.8646i	0.9627-0.7207i	0.7526-0.4048i	0.2352+0.5399i	0.0655+0.2159i
73.8	-1.3393-0.2360i	-0.4696+1.4060i	23.2019+5.1816i	-0.6631-0.6193i	1.0024-0.7237i	0.8181-0.3875i	0.2856+0.5709i	0.0813+0.2455i
73.9	-1.2855-0.1399i	-0.4306+1.3555i	23.0115+5.0941i	-0.6250-0.7613i	0.9354-0.7575i	0.8152-0.3570i	0.3032+0.5132i	0.0823+0.2417i
74.0	-1.3026-0.0106i	-0.2935+1.3367i	22.8428+4.1470i	-0.6945-0.5237i	0.9001-0.8547i	0.7945-0.4241i	0.3635+0.4289i	0.0982+0.2330i
74.1	-1.3386+0.0077i	-0.2583+1.3574i	22.9942+3.2559i	-0.2236-0.3957i	0.9217-0.9122i	0.8523-0.4201i	0.4119+0.4295i	0.1075+0.2481i
74.2	-1.2959+0.1164i	-0.1702+1.3128i	22.1446+2.7788i	-0.5139-0.5603i	0.8358-0.9533i	0.8354-0.4223i	0.4403+0.3320i	0.1219+0.2367i
74.3	-1.3329+0.2332i	-0.0437+1.3246i	21.3513+1.9171i	-0.1220-0.4499i	0.7911-1.0509i	0.8526-0.4589i	0.5209+0.2789i	0.1456+0.2433i
74.4	-1.3101+0.2612i	-0.0237+1.2814i	21.6732+1.6675i	-0.2904-0.4119i	0.7629-1.0838i	0.8618-0.4525i	0.4943+0.2374i	0.1215+0.2389i
74.5	-1.2666+0.2950i	-0.0072+1.2410i	21.5998+0.7828i	-0.6065-0.5376i	0.7046-1.1110i	0.8815-0.4343i	0.4658+0.1965i	0.1362+0.2441i
74.6	-1.3035+0.3936i	0.1235+1.3109i	21.6648+0.0285i	-0.5430-0.5984i	0.6722-1.2210i	0.8546-0.4700i	0.5016+0.1748i	0.1397+0.2486i
74.7	-1.2072+0.3854i	0.1008+1.2641i	22.1129+0.3582i	-0.5560-0.7457i	0.6247-1.2012i	0.8778-0.4079i	0.4288+0.1496i	0.1227+0.2750i
74.8	-1.1434+0.4021i	0.1258+1.2402i	21.5398-0.2604i	-0.5630-0.6520i	0.5707-1.2119i	0.9204-0.3419i	0.3842+0.1350i	0.1178+0.2820i
74.9	-1.1433+0.4518i	0.2280+1.2159i	20.5506-1.0158i	-0.5032-0.7825i	0.5202-1.2712i	0.9136-0.3302i	0.3776+0.1171i	0.1400+0.2810i

75.0	−1.1400+0.4095i	0.2718+1.1973i	20.1227−1.2048i	−0.4396−0.5798i	0.4849−1.2586i	0.8851−0.2734i	0.3732+0.1567i	0.1382+0.3101i
75.1	−1.0633+0.4932i	0.3477+1.1533i	19.9975−1.9914i	−0.5455−0.4915i	0.3662−1.2633i	0.9724−0.2373i	0.3632+0.1129i	0.1679+0.3168i
75.2	−1.0222+0.5557i	0.4038+1.1459i	19.6000−2.3971i	−0.4023−0.5018i	0.3093−1.3387i	1.0808−0.2737i	0.3482+0.1032i	0.1975+0.3344i
75.3	−0.9993+0.5632i	0.4277+1.1076i	19.0353−2.6225i	−0.5807−0.9006i	0.2695−1.3328i	1.1263−0.2525i	0.3402+0.1030i	0.2035+0.3444i
75.4	−0.9509+0.5546i	0.4997+1.0412i	18.7154−2.5792i	−0.2503−0.5087i	0.2033−1.3059i	1.1628−0.1987i	0.3233+0.1302i	0.2088+0.3583i
75.5	−0.9596+0.5340i	0.5546+1.0592i	18.7484−3.5241i	−0.5838−0.9592i	0.1446−1.3123i	1.2333−0.1976i	0.3633+0.1677i	0.2476+0.3776i
75.6	−0.9241+0.5558i	0.6271+0.9854i	18.4806−3.9990i	−0.5167−0.8260i	0.0847−1.3239i	1.2215−0.1015i	0.3766+0.1553i	0.2624+0.3718i
75.7	−0.9320+0.5522i	0.6745+0.9963i	18.1864−3.8190i	−0.9527−0.7434i	0.0427−1.3212i	1.3676−0.1012i	0.3920+0.1926i	0.2851+0.4028i
75.8	−0.9371+0.5548i	0.7499+0.9401i	17.5508−4.5097i	−0.5904−0.7582i	−0.0165−1.3170i	1.4948−0.1433i	0.4395+0.2079i	0.3311+0.4126i
75.9	−0.8711+0.5925i	0.7967+0.8274i	16.6094−4.3186i	−0.7025−0.7794i	−0.1077−1.2894i	1.6396−0.1081i	0.4508+0.1696i	0.3607+0.4006i
76.0	−0.8939+0.5626i	0.8323+0.8018i	17.0333−4.6901i	−0.8444−0.9606i	−0.1352−1.2953i	1.6850−0.1209i	0.4991+0.2171i	0.3825+0.4259i
76.1	−0.9285+0.6055i	0.8954+0.7813i	17.2354−5.5985i	−0.5092−0.8921i	−0.1674−1.3296i	1.8012−0.1294i	0.5543+0.2303i	0.4318+0.4418i
76.2	−0.9172+0.6035i	0.9064+0.7182i	16.8426−5.6128i	−0.7748−0.7990i	−0.2303−1.3079i	1.8356−0.1976i	0.6046+0.2175i	0.4579+0.4225i
76.3	−0.9302+0.6000i	0.9589+0.6693i	16.2712−5.7464i	−0.8948−0.7043i	−0.2960−1.2805i	1.9104−0.2101i	0.6392+0.2195i	0.5005+0.4333i
76.4	−0.9196+0.6602i	0.9993+0.5556i	15.7640−6.0036i	−0.6679−1.0186i	−0.3469−1.2617i	1.9723−0.2181i	0.6795+0.1643i	0.5368+0.4006i
76.5	−0.9087+0.6547i	0.9706+0.5353i	15.6318−5.7057i	−1.2338−1.3786i	−0.3258−1.2511i	2.1089−0.1334i	0.6531+0.1973i	0.5243+0.4248i
76.6	−0.8568+0.7113i	0.9803+0.4453i	15.3191−6.0900i	−0.8253−0.3847i	−0.4089−1.2050i	2.2485−0.2525i	0.7172+0.1637i	0.5902+0.4196i
76.7	−0.7978+0.7493i	1.0161+0.3439i	14.8050−6.6136i	−1.7332−0.6849i	−0.4896−1.1780i	2.3230−0.3176i	0.7940+0.0518i	0.6331+0.3629i
76.8	−0.7968+0.7788i	1.0165+0.2768i	14.4450−6.3575i	−1.3094−0.5489i	−0.5342−1.1548i	2.4963−0.3965i	0.7949+0.0153i	0.6750+0.3514i
76.9	−0.8276+0.7950i	0.9842+0.2340i	14.2258−6.4758i	−1.0845−0.5167i	−0.5318−1.1457i	2.5973−0.5075i	0.8071+0.0150i	0.7041+0.3481i
77.0	−0.8162+0.8495i	1.0028+0.1348i	13.5781−7.4236i	−0.9729−0.5255i	−0.5754−1.1044i	2.7856−0.5696i	0.8530−0.0484i	0.7398+0.3052i
77.1	−0.7879+0.8877i	1.0142+0.0648i	13.3057−8.2314i	−1.2229−0.3758i	−0.6212−1.0609i	2.9289−0.6667i	0.8888−0.0952i	0.7887+0.3029i
77.2	−0.7317+0.8908i	0.9731−0.0148i	13.4322−8.1459i	−1.0773−0.2531i	−0.6487−1.0396i	3.0105−0.7576i	0.9229−0.1819i	0.8295+0.2664i
77.3	−0.6474+0.8783i	0.9367−0.0998i	12.9160−8.1565i	−1.4925−0.1413i	−0.6996−0.9817i	3.1900−0.9757i	0.9483−0.2357i	0.8740+0.2181i
77.4	−0.6779+0.8549i	0.8864−0.1207i	12.9585−7.9665i	−1.3590−0.4081i	−0.7092−0.9542i	3.1638−1.0002i	0.9646−0.2765i	0.9055+0.2071i
77.5	−0.6587+0.8657i	0.8850−0.1709i	12.4488−8.6056i	−1.4694−0.2135i	−0.7662−0.9320i	3.3934−1.3147i	0.9727−0.3539i	0.9729+0.1419i
77.6	−0.6037+0.8488i	0.8694−0.2315i	11.8188−8.9943i	−1.8011−0.1133i	−0.8214−0.8764i	3.5086−1.6317i	1.0002−0.3939i	1.0313+0.0973i
77.7	−0.6004+0.8386i	0.7969−0.2696i	11.5872−8.7190i	−1.1773−0.0554i	−0.8037−0.8201i	3.3814−1.8349i	0.9986−0.4932i	1.0040+0.0232i
77.8	−0.5705+0.8415i	0.7347−0.2765i	10.9302−8.8030i	−1.1216−0.1227i	−0.8157−0.7756i	3.3104−2.0087i	0.9566−0.5470i	0.9987−0.0312i
77.9	−0.5705+0.8093i	0.7210−0.2938i	11.3976−8.9571i	−1.2946−0.3449i	−0.8080−0.7486i	3.4323−2.1311i	0.9779−0.5776i	1.0415−0.0512i
78.0	−0.5806+0.7886i	0.7136−0.3076i	11.4507−9.2647i	−1.2564−0.0258i	−0.8476−0.7158i	3.3934−2.2825i	1.0155−0.6799i	1.0768−0.1193i
78.1	−0.5373+0.7481i	0.6321−0.3332i	10.5645−9.2497i	−1.2950+0.0861i	−0.8350−0.6568i	3.2697−2.3547i	0.8971−0.7438i	1.0240−0.1596i
78.2	−0.5971+0.7553i	0.5655−0.3364i	10.4649−9.3514i	−1.7094−0.0514i	−0.8518−0.6286i	3.3036−2.6320i	0.8634−0.8085i	1.0500−0.2184i
78.3	−0.6497+0.8069i	0.5584−0.3338i	10.6884−9.9967i	−1.0386+0.0051i	−0.8602−0.6298i	3.3134−2.8353i	0.8843−0.8820i	1.0871−0.2727i
78.4	−0.6400+0.7799i	0.5614−0.3657i	9.9099−10.6608i	−1.4315+0.4220i	−0.8758−0.5708i	3.3075−2.9832i	0.8489−0.9695i	1.0850−0.3399i
78.5	−0.6574+0.7389i	0.5273−0.3694i	9.6096−10.5823i	−1.9591−0.0460i	−0.8382−0.4997i	3.2065−3.0408i	0.7575−1.0153i	1.0486−0.3929i
78.6	−0.6606+0.7861i	0.4830−0.3666i	8.7672−10.5678i	−1.5514+0.3506i	−0.8292−0.4499i	3.0094−3.2039i	0.6405−1.0370i	1.0082−0.4559i
78.7	−0.6981+0.8149i	0.4687−0.3621i	8.4706−10.3488i	−1.5465+0.5065i	−0.8417−0.4181i	2.9624−3.3693i	0.6297−1.0479i	1.0093−0.4978i
78.8	−0.7169+0.8846i	0.4327−0.3720i	8.0723−10.5431i	−1.3335+0.0823i	−0.7890−0.3596i	2.8553−3.4698i	0.5536−1.1355i	0.9714−0.5706i
78.9	−0.7636+0.9524i	0.3834−0.3499i	7.1236−10.8701i	−1.5542+0.5432i	−0.7245−0.3459i	2.5871−3.6075i	0.4654−1.1476i	0.9285−0.6417i
79.0	−0.6539+1.0011i	0.5289−0.2820i	7.0116−10.2233i	−1.2586+0.2502i	−0.7106−0.4356i	2.5675−2.9480i	0.4637−1.1668i	0.8472−0.6085i
79.1	−0.7880+0.8439i	0.5527−0.5409i	8.1929−10.6693i	−1.6114+0.2212i	−0.7753−0.4066i	3.5072−3.4752i	0.3791−1.3285i	0.9369−0.5929i
79.2	−0.9484+1.0052i	0.3874−0.4916i	7.9068−11.0008i	−2.1806+0.2632i	−0.7434−0.3970i	3.2260−4.0488i	0.2808−1.2289i	0.9705−0.6484i
79.3	−0.8362+1.2251i	0.3642−0.4186i	6.7422−10.8989i	−1.7881+0.9269i	−0.7374−0.3699i	2.6667−4.1426i	0.2009−1.1832i	0.8965−0.7567i
79.4	−0.8294+1.3216i	0.3370−0.4506i	6.4648−11.5193i	−1.7904+0.8843i	−0.7273−0.3373i	2.5909−4.2471i	0.1532−1.2446i	0.8750−0.8331i
79.5	−0.7874+1.3711i	0.3361−0.4601i	6.1601−11.9322i	−1.6965+1.0404i	−0.7221−0.3524i	2.5368−4.3543i	0.1584−1.1890i	0.8464−0.8571i
79.6	−0.6771+1.4705i	0.2804−0.4608i	5.0744−12.0721i	−1.6889+0.6235i	−0.7069−0.3354i	2.3298−4.5107i	0.0881−1.1853i	0.7798−0.9163i
79.7	−0.5874+1.5917i	0.2690−0.4113i	4.5362−11.6191i	−1.2984+0.8270i	−0.7143−0.3700i	2.2189−4.5667i	0.0077−1.1736i	0.7064−0.9569i
79.8	−0.4819+1.5666i	0.2963−0.4098i	3.9919−11.7846i	−1.3377+1.0964i	−0.7402−0.3919i	2.1738−4.5975i	−0.0239−1.1358i	0.6638−0.9395i
79.9	−0.3630+1.5659i	0.2984−0.4313i	3.1865−12.0830i	−1.1070+1.0282i	−0.7467−0.3700i	2.0007−4.6747i	−0.0635−1.0873i	0.6153−0.9377i
80.0	−0.3117+1.5929i	0.2995−0.4521i	2.9299−12.3288i	−0.9743+1.3014i	−0.7751−0.3855i	1.9693−4.8021i	−0.0772−1.0892i	0.5811−0.9528i

2.1.4 Run 1 – IP000 – Accels 25–32

In-plane shaking at 0°. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	17.1600+0.0000i	16.2409+0.0000i	16.3101+0.0000i	15.1682+0.0000i	0.7589+0.0000i	20.6074+0.0000i	14.4467+0.0000i	-11.0495+0.0000i
0.1	1.2261+1.3006i	-0.1798-0.0839i	-0.1688-0.4706i	-0.5175-0.6675i	0.6118+0.2204i	2.1385+2.0470i	0.3101+3.1908i	3.9450-0.9833i
0.2	0.9324+0.2867i	0.0390-0.1047i	0.0444-0.0423i	0.0541-0.0580i	1.4317+0.2537i	1.6643-0.5719i	-2.0385+0.3961i	-1.2357+0.8743i
0.3	-0.2004+0.2517i	-0.0857+0.0878i	-0.0065-0.0513i	0.0650+0.1074i	-0.3828+1.7454i	0.3993+1.1215i	-0.5000+1.1534i	0.3219-0.0351i
0.4	-0.0933-0.0376i	-0.0086+0.1041i	0.0188-0.0022i	0.0712+0.1131i	0.3388+0.3613i	0.2250+0.3680i	-0.1673-0.5580i	0.6103-0.0073i
0.5	-0.7116-0.1051i	-0.0113-0.0079i	0.0142+0.0228i	0.1636-0.3332i	0.1420+0.3521i	-0.5253-0.2549i	0.4921-0.2597i	0.5794-0.4795i
0.6	0.6338-0.5794i	-0.0423+0.0285i	0.3123+0.0767i	-0.7235-0.1766i	0.0803-0.4909i	-0.4266+1.1139i	-1.1787-0.3729i	-0.9258-0.6466i
0.7	-0.0225-0.0869i	-0.0219+0.0133i	-0.0316-0.0242i	0.0489+0.1214i	-0.1682-0.1537i	-0.1762-0.1338i	0.1140-0.0342i	0.1988-0.1884i
0.8	-0.0704+0.0197i	-0.0933-0.0146i	0.0131+0.0086i	0.0307+0.1301i	0.2612-0.1586i	0.1048+0.0191i	0.0556+0.0104i	-0.0393+0.0052i
0.9	-0.0378-0.0843i	-0.0734-0.0351i	0.0473-0.0138i	-0.0268+0.0570i	-0.0317+0.0061i	0.0273-0.0359i	-0.0248-0.0614i	-0.0799-0.0400i
1.0	0.0148+0.0228i	-0.1046-0.0009i	0.0536-0.1587i	0.0082-0.0151i	-0.0199+0.0438i	0.0639+0.0395i	-0.0048-0.0123i	0.0248+0.0005i
1.1	0.0001+0.0030i	-0.1165-0.0129i	-0.0756-0.0358i	0.0248-0.0217i	0.0012+0.0046i	0.0064+0.0368i	0.0249+0.0170i	0.0344+0.0139i
1.2	0.0078-0.0054i	-0.1677-0.0006i	-0.1427+0.0775i	0.0247+0.0050i	-0.0475+0.0069i	-0.0230+0.0246i	0.0080+0.0035i	0.0072-0.0028i
1.3	0.0146-0.0187i	-0.1983-0.0085i	0.3146+0.1881i	0.0395+0.0071i	-0.0540-0.0217i	-0.0424-0.0131i	0.0390+0.0042i	-0.0250+0.0147i
1.4	0.0269-0.0060i	-0.2436-0.0123i	0.2649-0.0226i	0.0236+0.0014i	-0.0419-0.0069i	0.0031-0.0184i	0.0374+0.0093i	-0.0094-0.0017i
1.5	0.0326+0.0001i	-0.2973-0.0209i	0.9579-0.4533i	0.0407-0.0128i	-0.0569+0.0095i	0.0191-0.0038i	0.0472+0.0012i	-0.0296+0.0034i
1.6	0.0342+0.0102i	-0.4200-0.0237i	-0.6693-0.6029i	0.0195+0.0037i	-0.0621+0.0058i	0.0021-0.0074i	0.0650+0.0057i	-0.0021+0.0150i
1.7	0.0343+0.0057i	-0.5256-0.0040i	-0.2651-0.1027i	0.0320+0.0026i	-0.0802-0.0004i	0.0080-0.0130i	0.0839+0.0031i	-0.0109+0.0115i
1.8	0.0473+0.0010i	-0.6925-0.0008i	-0.2002-0.0584i	0.0565+0.0037i	-0.1032+0.0042i	0.0181-0.0087i	0.1105+0.0028i	-0.0166+0.0114i
1.9	0.0581+0.0024i	-0.9361+0.0164i	-0.1816-0.0409i	0.0708-0.0028i	-0.1446+0.0057i	0.0196-0.0107i	0.1506-0.0084i	-0.0271+0.0188i
2.0	0.0769+0.0028i	-1.3445+0.0528i	-0.1950-0.0339i	0.0992-0.0024i	-0.2079+0.0132i	0.0262-0.0296i	0.2186-0.0158i	-0.0378+0.0401i
2.1	0.1106+0.0049i	-2.1130+0.1991i	-0.2236-0.0109i	0.1525-0.0136i	-0.3322+0.0330i	0.0237-0.0895i	0.3375-0.0423i	-0.0459+0.1118i
2.2	0.2467-0.0310i	-4.3759+0.8746i	-0.2712-0.0011i	0.2690-0.0560i	-0.7106+0.1618i	-0.1246-0.0376i	0.7084-0.1648i	0.1175+0.0550i
2.3	0.1720-0.7244i	-2.9891+16.3159i	-0.4118+0.7821i	0.1016-1.0075i	-0.3655+2.6308i	0.1035-0.0029i	0.4600-2.6856i	-0.0410+0.1544i
2.4	-0.1981-0.0785i	4.9433+1.7105i	0.1452+0.0969i	-0.3130-0.0799i	0.8375+0.2587i	-0.0113+0.0047i	-0.8442-0.2628i	0.0858+0.0147i
2.5	-0.0926-0.0247i	2.8197+0.5204i	0.0585+0.0414i	-0.1457-0.0335i	0.4724+0.0725i	-0.0278+0.0056i	-0.4846-0.0849i	0.0633-0.0016i
2.6	-0.0612-0.0079i	2.0435+0.2790i	0.0203+0.0200i	-0.0919-0.0087i	0.3464+0.0331i	-0.0234+0.0013i	-0.3519-0.0399i	0.0538-0.0016i
2.7	-0.0382-0.0100i	1.6234+0.1894i	0.0034+0.0126i	-0.0674+0.0056i	0.2750+0.0253i	-0.0171+0.0016i	-0.2859-0.0256i	0.0466-0.0019i
2.8	-0.0210-0.0060i	1.3776+0.1443i	-0.0069+0.0113i	-0.0478-0.0011i	0.2408+0.0127i	-0.0178+0.0042i	-0.2446-0.0154i	0.0410-0.0035i
2.9	-0.0109-0.0055i	1.2121+0.1129i	-0.0106+0.0085i	-0.0369+0.0012i	0.2118+0.0099i	-0.0167+0.0023i	-0.2198-0.0115i	0.0379-0.0040i
3.0	-0.0027-0.0046i	1.0896+0.0925i	-0.0179+0.0065i	-0.0258+0.0041i	0.1951+0.0034i	-0.0153+0.0006i	-0.1994-0.0059i	0.0365-0.0024i
3.1	0.0057-0.0032i	1.0047+0.0871i	-0.0203+0.0038i	-0.0115+0.0033i	0.1828+0.0034i	-0.0151+0.0028i	-0.1879-0.0049i	0.0342-0.0031i
3.2	0.0124-0.0034i	0.9405+0.0788i	-0.0209+0.0054i	-0.0085+0.0016i	0.1716-0.0021i	-0.0159+0.0010i	-0.1787-0.0018i	0.0341-0.0039i
3.3	0.0167-0.0018i	0.8896+0.0726i	-0.0226+0.0022i	-0.0017+0.0003i	0.1625-0.0018i	-0.0142+0.0024i	-0.1684-0.0010i	0.0344-0.0047i
3.4	0.0224-0.0031i	0.8473+0.0663i	-0.0243+0.0014i	0.0058+0.0043i	0.1565+0.0016i	-0.0150+0.0042i	-0.1628-0.0009i	0.0351-0.0051i
3.5	0.0287-0.0021i	0.8126+0.0579i	-0.0262+0.0014i	0.0126+0.0019i	0.1538+0.0011i	-0.0150+0.0028i	-0.1617-0.0021i	0.0328-0.0046i
3.6	0.0348-0.0024i	0.7816+0.0570i	-0.0268+0.0024i	0.0208+0.0027i	0.1532+0.0012i	-0.0140+0.0057i	-0.1582-0.0009i	0.0343-0.0067i
3.7	0.0400-0.0023i	0.7586+0.0550i	-0.0283+0.0008i	0.0216+0.0001i	0.1524+0.0012i	-0.0139+0.0043i	-0.1582+0.0001i	0.0351-0.0053i
3.8	0.0476-0.0025i	0.7336+0.0515i	-0.0293+0.0001i	0.0321-0.0005i	0.1518+0.0000i	-0.0150+0.0055i	-0.1610+0.0013i	0.0349-0.0042i
3.9	0.0537-0.0005i	0.7170+0.0519i	-0.0297+0.0003i	0.0433-0.0036i	0.1533-0.0013i	-0.0155+0.0024i	-0.1601+0.0004i	0.0357-0.0038i
4.0	0.0572+0.0008i	0.7012+0.0508i	-0.0312+0.0015i	0.0562+0.0000i	0.1586-0.0001i	-0.0164+0.0043i	-0.1632+0.0024i	0.0380-0.0040i
4.1	0.0651-0.0011i	0.6909+0.0493i	-0.0288-0.0000i	0.0538+0.0057i	0.1609-0.0026i	-0.0209+0.0040i	-0.1666+0.0034i	0.0401-0.0040i
4.2	0.0710+0.0001i	0.6765+0.0503i	-0.0324+0.0013i	0.0686-0.0078i	0.1659-0.0077i	-0.0210+0.0042i	-0.1693+0.0071i	0.0427-0.0064i
4.3	0.0781-0.0011i	0.6658+0.0525i	-0.0329+0.0007i	0.0769-0.0102i	0.1689-0.0064i	-0.0242+0.0087i	-0.1772+0.0109i	0.0442-0.0078i
4.4	0.0860+0.0002i	0.6590+0.0536i	-0.0340-0.0000i	0.0833-0.0076i	0.1770-0.0197i	-0.0272+0.0148i	-0.1865+0.0173i	0.0491-0.0191i
4.5	0.0896-0.0020i	0.6567+0.0596i	-0.0367+0.0014i	0.0931-0.0126i	0.1729-0.0201i	-0.0080+0.0182i	-0.1793+0.0227i	0.0341-0.0223i
4.6	0.0994-0.0007i	0.6465+0.0610i	-0.0383+0.0031i	0.1058-0.0179i	0.1803-0.0112i	-0.0143+0.0072i	-0.1850+0.0153i	0.0373-0.0138i
4.7	0.1069+0.0009i	0.6405+0.0555i	-0.0367+0.0006i	0.1104-0.0108i	0.1949-0.0151i	-0.0150+0.0092i	-0.1998+0.0193i	0.0457-0.0137i
4.8	0.1135-0.0039i	0.6410+0.0594i	-0.0366+0.0017i	0.1125-0.0250i	0.2092-0.0228i	-0.0148+0.0153i	-0.2180+0.0324i	0.0467-0.0184i
4.9	0.1250+0.0003i	0.6353+0.0676i	-0.0350+0.0005i	0.1205-0.0312i	0.2095-0.0273i	-0.0235+0.0104i	-0.2215+0.0352i	0.0528-0.0146i
5.0	0.1309-0.0029i	0.6322+0.0685i	-0.0398+0.0047i	0.1388-0.0249i	0.2281-0.0351i	-0.0236+0.0169i	-0.2433+0.0408i	0.0563-0.0226i
5.1	0.1425-0.0060i	0.6274+0.0789i	-0.0384+0.0029i	0.1555-0.0393i	0.2535-0.0622i	-0.0278+0.0236i	-0.2644+0.0663i	0.0643-0.0314i
5.2	0.1548-0.0066i	0.6250+0.0847i	-0.0393+0.0046i	0.1660-0.0445i	0.2810-0.0944i	-0.0301+0.0293i	-0.3020+0.1118i	0.0660-0.0443i
5.3	0.1628-0.0123i	0.6280+0.0950i	-0.0426+0.0060i	0.1809-0.0542i	0.2766-0.1226i	-0.0353+0.0281i	-0.3023+0.1396i	0.0716-0.0494i
5.4	0.1670-0.0121i	0.6261+0.1108i	-0.0462+0.0079i	0.1931-0.0656i	0.2917-0.1423i	-0.0387+0.0310i	-0.3138+0.1564i	0.0786-0.0588i
5.5	0.1826-0.0181i	0.6449+0.1249i	-0.0423+0.0103i	0.1895-0.0813i	0.2880-0.2092i	-0.0365+0.0442i	-0.3197+0.2396i	0.0767-0.0802i
5.6	0.1888-0.0179i	0.6526+0.1357i	-0.0418+0.0121i	0.1896-0.0878i	0.2835-0.2604i	-0.0306+0.0537i	-0.3022+0.3120i	0.0737-0.0978i

5.7	0.1908-0.0202i	0.6845+0.1445i	-0.0366+0.0139i	0.1966-0.0942i	0.2456-0.2726i	-0.0302+0.0678i	-0.2545+0.3282i	0.0673-0.1109i
5.8	0.2026-0.0236i	0.6810+0.1598i	-0.0345+0.0148i	0.1921-0.0834i	0.2647-0.3664i	-0.0334+0.0865i	-0.2722+0.4325i	0.0673-0.1457i
5.9	0.2026-0.0274i	0.7318+0.1771i	-0.0290+0.0092i	0.2017-0.0973i	0.1234-0.4111i	-0.0172+0.1153i	-0.1016+0.4738i	0.0241-0.1829i
6.0	0.2064-0.0236i	0.7540+0.1726i	-0.0323+0.0104i	0.2076-0.1003i	0.0636-0.3973i	0.0221+0.1273i	-0.0191+0.4447i	-0.0273-0.1943i
6.1	0.2127-0.0240i	0.7840+0.1531i	-0.0313+0.0104i	0.2025-0.0789i	-0.0079-0.3374i	0.0494+0.0951i	0.0481+0.3728i	-0.0685-0.1527i
6.2	0.2167-0.0226i	0.8107+0.1583i	-0.0380+0.0017i	0.2259-0.0527i	-0.0164-0.3243i	0.0738+0.0873i	0.0657+0.3484i	-0.0917-0.1419i
6.3	0.2135-0.0172i	0.8277+0.1480i	-0.0355+0.0000i	0.2697-0.0482i	-0.0445-0.2975i	0.1036+0.0594i	0.1046+0.3208i	-0.1232-0.1040i
6.4	0.2135-0.0086i	0.8540+0.1363i	-0.0402+0.0058i	0.2906-0.0297i	-0.0438-0.2723i	0.0888+0.0379i	0.0881+0.2933i	-0.1097-0.0705i
6.5	0.2052+0.0056i	0.9066+0.1372i	-0.0335+0.0063i	0.3005-0.0463i	-0.0613-0.2697i	0.0714+0.0196i	0.1169+0.2761i	-0.1055-0.0587i
6.6	0.1915+0.0297i	0.9359+0.1316i	-0.0374+0.0075i	0.3441-0.0644i	-0.0473-0.2501i	0.0835+0.0246i	0.1234+0.2475i	-0.1192-0.0601i
6.7	0.1749+0.0640i	1.0071+0.1274i	-0.0386+0.0018i	0.3958-0.0523i	-0.0405-0.2731i	0.0962+0.0158i	0.1150+0.2641i	-0.1345-0.0570i
6.8	0.1541+0.1131i	1.0916+0.1028i	-0.0426+0.0034i	0.4336-0.0774i	-0.0658-0.3190i	0.1226+0.0027i	0.1553+0.2771i	-0.1692-0.0338i
6.9	0.1060+0.1911i	1.1992+0.0469i	-0.0491+0.0041i	0.4789-0.0847i	-0.1489-0.3577i	0.1393-0.0321i	0.2331+0.2862i	-0.2074+0.0042i
7.0	0.0200+0.3894i	1.3253-0.1018i	-0.0506-0.0018i	0.5237-0.1176i	-0.2811-0.3796i	0.1222-0.0786i	0.3558+0.2588i	-0.2113+0.0778i
7.1	0.0760+0.8193i	1.3961-0.3889i	-0.0587+0.0034i	0.5401-0.1352i	-0.5056-0.2897i	0.1383-0.1096i	0.5338+0.1240i	-0.2650+0.1707i
7.2	0.6878+1.2330i	1.1051-0.7147i	-0.0590+0.0219i	0.5606-0.1287i	-0.6013+0.1065i	0.0204-0.3031i	0.5225-0.2936i	-0.0961+0.4531i
7.3	1.2613+0.9435i	0.7973-0.6390i	-0.0582+0.0205i	0.6585-0.1200i	-0.2472+0.3953i	-0.2740-0.1944i	0.0505-0.5435i	0.3113+0.3596i
7.4	1.6322+0.7261i	0.5417-0.5770i	-0.0568+0.0404i	0.7309-0.2054i	0.0994+0.2932i	-0.2934+0.2436i	-0.3858-0.1572i	0.4129-0.1395i
7.5	1.7574+0.1912i	0.4865-0.2294i	-0.0362+0.0337i	0.7430-0.2021i	0.1963+0.0662i	0.0737+0.2207i	-0.2084+0.1029i	0.3322-0.2007i
7.6	1.6350-0.0187i	0.6424-0.0892i	-0.0342+0.0230i	0.8338-0.2234i	0.1923-0.1020i	0.1316+0.0461i	-0.1388+0.1507i	-0.0494-0.0577i
7.7	1.6246-0.1298i	0.7534-0.0625i	-0.0353+0.0129i	0.9397-0.2771i	0.1277-0.2053i	0.0904-0.0229i	-0.1020+0.1901i	-0.0211-0.0021i
7.8	1.6573-0.2195i	0.8417-0.0742i	-0.0409+0.0165i	1.0562-0.3589i	0.0317-0.2572i	0.0645-0.0443i	-0.0330+0.2363i	-0.0132+0.0161i
7.9	1.7005-0.3128i	0.9055-0.1144i	-0.0418+0.0131i	1.1314-0.4668i	-0.0412-0.2500i	0.0346-0.0147i	0.0252+0.2365i	0.0067-0.0097i
8.0	1.7468-0.4009i	0.8890-0.1240i	-0.0470+0.0199i	1.1184-0.5395i	-0.0654-0.3710i	0.0422-0.1403i	0.0168+0.3316i	0.0054+0.0988i
8.1	1.8136-0.5159i	1.0091-0.1656i	-0.0384+0.0187i	1.2375-0.6627i	-0.2652-0.3576i	-0.0465-0.0391i	0.2288+0.3707i	0.0646-0.0104i
8.2	1.8658-0.6010i	0.9908-0.2063i	-0.0360+0.0152i	1.2298-0.7382i	-0.2760-0.2715i	-0.0124-0.0058i	0.2562+0.2847i	0.0276-0.0237i
8.3	1.9782-0.6660i	1.0041-0.1953i	-0.0403+0.0195i	1.3466-0.7603i	-0.3182-0.2358i	-0.0116-0.0058i	0.2855+0.2533i	0.0289-0.0304i
8.4	2.1645-0.7363i	1.0757-0.1914i	-0.0434+0.0152i	1.5446-0.8123i	-0.3720-0.2001i	-0.0108-0.0003i	0.3526+0.2171i	0.0282-0.0377i
8.5	2.3981-0.8652i	1.1717-0.2147i	-0.0438+0.0151i	1.7541-0.9199i	-0.4232-0.1409i	-0.0055+0.0136i	0.3881+0.1656i	0.0223-0.0432i
8.6	2.7249-1.0748i	1.2779-0.2643i	-0.0543+0.0120i	2.0682-1.1045i	-0.4454-0.1087i	0.0276+0.0240i	0.4147+0.1348i	-0.0176-0.0535i
8.7	2.9667-1.4515i	1.3495-0.3840i	-0.0541+0.0171i	2.2897-1.4801i	-0.5124-0.0541i	0.0149+0.0133i	0.4676+0.1007i	-0.0068-0.0471i
8.8	3.4017-1.9124i	1.4916-0.5146i	-0.0658+0.0195i	2.7100-1.9315i	-0.5811+0.0571i	0.0492-0.0097i	0.5431+0.0065i	-0.0445-0.0168i
8.9	3.5848-2.6902i	1.5483-0.7319i	-0.0621+0.0418i	2.8259-2.7031i	-0.5506+0.2533i	-0.0132-0.1037i	0.5660-0.0946i	0.0258+0.0861i
9.0	4.0226-3.5761i	1.6690-0.9630i	-0.0349+0.0240i	3.1955-3.5163i	-0.5213+0.2839i	-0.1456+0.0254i	0.6952-0.2617i	0.1567-0.0601i
9.1	2.8747-4.7885i	1.3676-1.3161i	-0.0704-0.0149i	1.9686-4.7255i	-0.4469+0.3881i	0.0830+0.1823i	0.4582-0.5582i	-0.0646-0.2219i
9.2	3.9609-5.0995i	1.6577-1.3479i	-0.1070+0.0363i	2.9157-4.7538i	-0.5851+0.4153i	0.1230-0.0464i	0.4824-0.3787i	-0.1033+0.0021i
9.3	2.9483-8.5647i	1.4267-2.2987i	-0.1028+0.0849i	1.9928-7.9793i	-0.5225+0.8446i	0.0631-0.0518i	0.4913-0.8030i	-0.0588-0.0031i
9.4	-1.2149-9.9262i	0.3156-2.7135i	-0.0642+0.1098i	-1.8640-9.1609i	-0.0633+1.0742i	0.0189-0.0785i	0.0705-1.0296i	-0.0328+0.0239i
9.5	-4.5799-7.7925i	-0.6190-2.1586i	-0.0213+0.1113i	-4.9195-7.1217i	0.3747+0.8979i	-0.0165-0.0262i	-0.3621-0.8533i	-0.0065-0.0099i
9.6	-5.2880-5.0525i	-0.8318-1.4103i	-0.0009+0.0985i	-5.5576-4.5604i	0.5016+0.5958i	-0.0003-0.0042i	-0.4873-0.5522i	-0.0233-0.0222i
9.7	-4.9160-3.4120i	-0.7465-0.9527i	0.0001+0.0822i	-5.1802-3.0221i	0.5038+0.3943i	0.0082-0.0216i	-0.4877-0.3701i	-0.0272+0.0043i
9.8	-4.3962-2.3756i	-0.6049-0.6574i	0.0044+0.0741i	-4.6841-2.0570i	0.4649+0.2647i	0.0103-0.0256i	-0.4502-0.2313i	-0.0290+0.0087i
9.9	-3.9018-1.7821i	-0.4555-0.4811i	0.0196+0.0646i	-4.2044-1.5202i	0.4148+0.1790i	0.0082-0.0316i	-0.3847-0.1453i	-0.0214+0.0133i
10.0	-3.5032-1.3652i	-0.3356-0.3706i	0.0314+0.0506i	-3.8179-1.1424i	0.3825+0.1193i	0.0086-0.0209i	-0.3349-0.0877i	-0.0054+0.0089i
10.1	-3.1275-1.0850i	-0.2411-0.2808i	0.0211+0.0431i	-3.4648-0.8925i	0.3406+0.0819i	0.0028-0.0137i	-0.2931-0.0600i	-0.0138+0.0027i
10.2	-2.8241-0.9145i	-0.1519-0.2257i	0.0233+0.0340i	-3.1771-0.7376i	0.3210+0.0580i	0.0186-0.0231i	-0.2744-0.0549i	-0.0205+0.0090i
10.3	-2.5957-0.8392i	-0.0783-0.2148i	0.0162+0.0211i	-2.9774-0.6473i	0.2893+0.0412i	0.0041-0.0402i	-0.2498-0.0589i	-0.0112+0.0340i
10.4	-2.4689-0.7959i	-0.0276-0.1880i	0.0159+0.0159i	-2.8679-0.6182i	0.2722+0.0291i	-0.0121-0.0318i	-0.2507-0.0419i	0.0111+0.0254i
10.5	-2.3636-0.6900i	0.0129-0.1505i	0.0100+0.0178i	-2.7694-0.5346i	0.2531+0.0161i	-0.0174-0.0010i	-0.2401-0.0205i	0.0128-0.0049i
10.6	-2.2194-0.6054i	0.0561-0.1260i	0.0131+0.0190i	-2.6432-0.4460i	0.2316+0.0185i	-0.0107-0.0079i	-0.2149-0.0303i	0.0022+0.0048i
10.7	-2.0921-0.5572i	0.1015-0.1152i	0.0118+0.0119i	-2.5335-0.4052i	0.2248+0.0060i	0.0025-0.0138i	-0.2123-0.0197i	-0.0097-0.0009i
10.8	-2.0203-0.5440i	0.1408-0.1078i	0.0131+0.0084i	-2.4702-0.4078i	0.2156+0.0036i	0.0089-0.0181i	-0.2057-0.0051i	-0.0124+0.0058i
10.9	-1.9646-0.4911i	0.1631-0.0829i	0.0171+0.0089i	-2.4414-0.3689i	0.2198-0.0030i	-0.0052-0.0190i	-0.2091-0.0057i	0.0009+0.0083i
11.0	-1.9157-0.4373i	0.1927-0.0782i	0.0117+0.0002i	-2.4215-0.3144i	0.2124-0.0021i	-0.0025-0.0194i	-0.2143+0.0011i	-0.0004+0.0086i
11.1	-1.8193-0.3834i	0.2262-0.0687i	0.0105-0.0101i	-2.3263-0.2755i	0.2078-0.0085i	-0.0052-0.0146i	-0.1998+0.0014i	0.0067+0.0069i
11.2	-1.7300-0.3703i	0.2636-0.0694i	0.0155-0.0227i	-2.2943-0.2486i	0.1980-0.0163i	-0.0104-0.0123i	-0.1935-0.0071i	0.0052+0.0070i
11.3	-1.6768-0.3771i	0.2940-0.0699i	0.0088-0.0337i	-2.2829-0.2396i	0.1777-0.0232i	-0.0110-0.0098i	-0.1852-0.0021i	0.0085+0.0091i
11.4	-1.6638-0.3551i	0.3139-0.0593i	-0.0047-0.0423i	-2.2652-0.2331i	0.1746-0.0023i	-0.0082-0.0059i	-0.2078+0.0021i	0.0051+0.0015i
11.5	-1.6104-0.3177i	0.3307-0.0475i	-0.0339-0.0475i	-2.2401-0.1928i	0.1811+0.0235i	-0.0084+0.0016i	-0.1996+0.0213i	0.0068-0.0068i
11.6	-1.5651-0.2798i	0.3567-0.0455i	-0.0539-0.0261i	-2.2220-0.1709i	0.2166+0.0254i	0.0036-0.0070i	-0.1932+0.0202i	0.0023+0.0007i
11.7	-1.4945-0.2687i	0.3849-0.0359i	-0.0497-0.0061i	-2.1848-0.1636i	0.2204+0.0081i	0.0052-0.0060i	-0.1860+0.0155i	0.0004-0.0028i
11.8	-1.4447-0.2702i	0.4103-0.0363i	-0.0494-0.0023i	-2.1611-0.1813i	0.2296+0.0030i	0.0115-0.0100i	-0.1854+0.0178i	0.0026-0.0018i
11.9	-1.3997-0.2588i	0.4420-0.0390i	-0.0436+0.0096i	-2.1670-0.1817i	0.2440-0.0071i	0.0061-0.0058i	-0.1992+0.0130i	0.0057-0.0005i

12.0	-1.3545-0.2812i	0.4712-0.0421i	-0.0317+0.0043i	-2.1873-0.1715i	0.2561-0.0084i	0.0036-0.0099i	-0.2054+0.0215i	0.0080+0.0033i
12.1	-1.3222-0.2774i	0.4981-0.0381i	-0.0098+0.0067i	-2.1877-0.1542i	0.2623-0.0132i	0.0078-0.0075i	-0.2211+0.0214i	0.0034+0.0034i
12.2	-1.3034-0.2902i	0.5235-0.0384i	-0.0072-0.0050i	-2.2539-0.1831i	0.2755-0.0253i	0.0128-0.0097i	-0.2290+0.0208i	-0.0009-0.0008i
12.3	-1.2689-0.2960i	0.5487-0.0469i	-0.0115-0.0181i	-2.2577-0.1664i	0.2989-0.0314i	0.0241-0.0173i	-0.2373+0.0216i	-0.0010+0.0054i
12.4	-1.2386-0.3231i	0.5591-0.0559i	-0.0168-0.0284i	-2.2687-0.1543i	0.2912-0.0554i	0.0126-0.0244i	-0.2462+0.0299i	0.0032+0.0163i
12.5	-1.1986-0.3568i	0.5877-0.0624i	-0.0218-0.0454i	-2.3204-0.1688i	0.3034-0.0767i	0.0040-0.0255i	-0.2617+0.0483i	0.0108+0.0134i
12.6	-1.2087-0.4019i	0.6094-0.0751i	-0.0267-0.0627i	-2.3957-0.1659i	0.3167-0.0988i	0.0014-0.0324i	-0.2932+0.0626i	0.0233+0.0178i
12.7	-1.2349-0.4302i	0.6288-0.0765i	-0.0490-0.0680i	-2.4840-0.1391i	0.3070-0.1241i	-0.0115-0.0372i	-0.3035+0.0878i	0.0341+0.0187i
12.8	-1.2814-0.4424i	0.6519-0.0842i	-0.0643-0.0741i	-2.5760-0.1085i	0.3147-0.1331i	-0.0206-0.0327i	-0.3145+0.0951i	0.0462+0.0074i
12.9	-1.2983-0.4253i	0.6598-0.0771i	-0.0898-0.0769i	-2.6285-0.0859i	0.3231-0.1317i	-0.0228-0.0208i	-0.3225+0.1229i	0.0517+0.0042i
13.0	-1.2999-0.3969i	0.6832-0.0769i	-0.0979-0.0739i	-2.6746-0.0285i	0.3369-0.1359i	-0.0399-0.0162i	-0.3510+0.1382i	0.0727-0.0032i
13.1	-1.2772-0.3727i	0.7031-0.0689i	-0.1180-0.0714i	-2.7078+0.0555i	0.3274-0.1485i	-0.0449-0.0031i	-0.3460+0.1682i	0.0788-0.0246i
13.2	-1.2781-0.3561i	0.7358-0.0716i	-0.1322-0.0715i	-2.7881+0.1349i	0.3375-0.1924i	-0.0358-0.0083i	-0.3285+0.2150i	0.0647-0.0314i
13.3	-1.2462-0.3494i	0.7732-0.0736i	-0.1624-0.0515i	-2.8428+0.2023i	0.3410-0.2469i	-0.0390-0.0097i	-0.3096+0.2702i	0.0736-0.0341i
13.4	-1.2124-0.3739i	0.8135-0.0785i	-0.1877-0.0507i	-2.9253+0.2461i	0.3395-0.2808i	-0.0603-0.0145i	-0.3053+0.2841i	0.0995-0.0348i
13.5	-1.1764-0.3831i	0.8726-0.0798i	-0.2063-0.0241i	-2.9976+0.2789i	0.3023-0.2669i	-0.0567+0.0405i	-0.2636+0.2948i	0.0919-0.0968i
13.6	-1.1307-0.4059i	0.9305-0.0886i	-0.2240+0.0056i	-3.0703+0.3586i	0.2964-0.2376i	-0.0545+0.0521i	-0.2443+0.2696i	0.0765-0.0940i
13.7	-1.0806-0.4826i	0.9766-0.1276i	-0.2374+0.0549i	-3.1165+0.4872i	0.3062-0.2622i	-0.0509+0.0680i	-0.2485+0.2823i	0.0708-0.1201i
13.8	-1.0941-0.5593i	1.0266-0.1766i	-0.2498+0.1241i	-3.1386+0.6227i	0.3152-0.2944i	-0.0100+0.0754i	-0.2130+0.2907i	0.0351-0.1325i
13.9	-1.1103-0.6442i	1.0823-0.2149i	-0.1861+0.2232i	-3.1969+0.6833i	0.3019-0.2740i	-0.0224+0.0622i	-0.2007+0.2503i	0.0386-0.1092i
14.0	-1.1426-0.7494i	1.0976-0.2921i	-0.0756+0.2245i	-3.2081+0.8394i	0.3095-0.2757i	-0.0350+0.0957i	-0.2239+0.2483i	0.0483-0.1468i
14.1	-1.2207-0.8542i	1.0967-0.3541i	-0.0079+0.1818i	-3.1353+0.9328i	0.3247-0.2983i	-0.0239+0.1282i	-0.2380+0.2450i	0.0378-0.1797i
14.2	-1.3173-0.9394i	1.0939-0.3988i	0.0037+0.1494i	-3.1050+0.9654i	0.2988-0.3160i	0.0007+0.1534i	-0.2206+0.2646i	0.0082-0.2189i
14.3	-1.4649-0.9791i	1.0732-0.4339i	0.0238+0.1146i	-3.0876+0.9949i	0.3221-0.3238i	0.0511+0.1446i	-0.2252+0.2437i	-0.0481-0.2132i
14.4	-1.6095-0.9681i	1.0529-0.4432i	0.0445+0.0868i	-3.1142+0.9447i	0.3565-0.3374i	0.0740+0.1281i	-0.2718+0.2178i	-0.0631-0.1948i
14.5	-1.6938-0.9315i	1.0685-0.4462i	0.0513+0.0442i	-3.1743+0.9509i	0.3684-0.3477i	0.1036+0.1302i	-0.2950+0.2300i	-0.0956-0.1958i
14.6	-1.7372-0.9223i	1.1041-0.4480i	0.0601+0.0038i	-3.2532+0.9199i	0.4045-0.3593i	0.1275+0.1321i	-0.3209+0.2223i	-0.1106-0.1820i
14.7	-1.8301-0.9812i	1.1337-0.4804i	0.0436-0.0377i	-3.3902+0.9385i	0.4520-0.4196i	0.1511+0.1258i	-0.3891+0.2510i	-0.1214-0.1968i
14.8	-1.9904-1.0135i	1.1240-0.5051i	0.0089-0.1053i	-3.5262+0.9754i	0.4759-0.4815i	0.2185+0.1248i	-0.4431+0.2866i	-0.1729-0.2043i
14.9	-2.1705-0.9906i	1.1520-0.4773i	-0.0274-0.1307i	-3.7354+0.9268i	0.4702-0.4854i	0.2103+0.1019i	-0.5192+0.2968i	-0.1697-0.1789i
15.0	-2.3767-0.8897i	1.1932-0.4776i	-0.0852-0.1461i	-4.0586+0.9487i	0.5139-0.5246i	0.2537+0.1114i	-0.6019+0.3763i	-0.1839-0.2116i
15.1	-2.4985-0.7144i	1.2598-0.4862i	-0.1365-0.1140i	-4.4125+1.1006i	0.5367-0.6186i	0.2857+0.0659i	-0.6494+0.5312i	-0.2245-0.1791i
15.2	-2.4812-0.6066i	1.3315-0.4843i	-0.1222-0.0708i	-4.6858+1.2036i	0.5894-0.6996i	0.3060+0.0236i	-0.6791+0.6646i	-0.2434-0.1815i
15.3	-2.5346-0.5299i	1.4100-0.5335i	-0.1186-0.0626i	-4.9480+1.5508i	0.6118-0.8052i	0.3356-0.0045i	-0.6394+0.7900i	-0.2860-0.1712i
15.4	-2.5391-0.4621i	1.4972-0.5737i	-0.1271-0.0687i	-5.2475+1.7846i	0.6323-0.8908i	0.3560-0.0016i	-0.6291+0.8802i	-0.3256-0.1880i
15.5	-2.5439-0.4086i	1.6041-0.6061i	-0.0962-0.1115i	-5.6023+2.0866i	0.6682-1.0395i	0.4016-0.0345i	-0.5958+0.9819i	-0.3681-0.1659i
15.6	-2.5734-0.3894i	1.6942-0.6666i	-0.1047-0.1845i	-5.9430+2.5593i	0.6657-1.3550i	0.4712-0.0958i	-0.5411+1.1875i	-0.4545-0.1510i
15.7	-2.6900-0.3617i	1.8298-0.7563i	-0.1427-0.2909i	-6.4599+2.9919i	0.5387-1.4973i	0.5234-0.2006i	-0.3894+1.2202i	-0.5485-0.0267i
15.8	-2.7487-0.4190i	1.9769-0.8664i	-0.2720-0.4169i	-6.9377+3.7011i	0.6333-1.8603i	0.6235-0.2722i	-0.5202+1.4228i	-0.6074-0.0017i
15.9	-2.9379-0.5205i	2.1609-0.9661i	-0.4749-0.4749i	-7.4291+4.4177i	0.4643-2.2894i	0.7124-0.4412i	-0.4449+1.6832i	-0.7076+0.1230i
16.0	-3.2954-0.4957i	2.3308-1.2302i	-0.7238-0.3816i	-7.6929+5.7723i	0.0224-2.7409i	0.6697-0.7564i	-0.3000+1.9732i	-0.7271+0.3694i
16.1	-3.7423-0.3820i	2.4569-1.4567i	-0.9521-0.2012i	-7.6712+6.8316i	-0.8244-2.9095i	0.4467-0.9534i	0.0588+2.1569i	-0.6014+0.5361i
16.2	-4.0291-0.0133i	2.6801-1.7548i	-1.0177+0.0841i	-7.8637+8.0095i	-1.4382-2.8407i	0.2993-1.0191i	0.3710+2.4653i	-0.5341+0.5646i
16.3	-4.2189+0.3199i	2.8640-2.2087i	-0.8478+0.3136i	-7.8658+9.5812i	-2.0540-2.4283i	0.1557-1.1147i	0.9239+2.4631i	-0.5289+0.7050i
16.4	-4.3152+0.7164i	2.8762-2.8414i	-0.7466+0.3720i	-7.3501+11.5395i	-2.4156-1.8240i	-0.0440-1.2258i	1.4178+2.2344i	-0.4003+0.9012i
16.5	-4.5203+1.0508i	2.7307-3.6461i	-0.7131+0.3144i	-6.2548+14.2022i	-2.3284-1.6591i	-0.1976-1.4171i	1.6784+2.3069i	-0.2661+1.1313i
16.6	-5.1577+1.5789i	2.1564-4.4023i	-1.0496+0.2136i	-3.8227+16.9036i	-2.9463-2.1507i	-0.6877-1.8240i	2.4569+2.6634i	0.1510+1.5318i
16.7	-5.1429+2.8241i	1.5824-4.5878i	-1.2865+0.7596i	-0.5230+17.3865i	-4.8310-1.3237i	-1.8970-1.4291i	3.8504+1.9491i	1.1579+1.1523i
16.8	-4.1455+4.0064i	0.8673-5.0023i	-1.0230+1.1899i	3.0569+17.1539i	-4.1899+1.8737i	-1.6190+0.0647i	3.8846-0.3718i	0.8127+0.0333i
16.9	-3.1675+4.2750i	-0.0473-5.2530i	-0.5609+1.5785i	6.1739+16.9717i	-2.6902+2.0020i	-1.2026-0.1863i	2.4331-0.4926i	0.6283+0.3410i
17.0	-2.0963+4.1755i	-1.0821-5.1802i	-0.1973+1.5330i	9.2684+15.4095i	-0.5629+1.6946i	-0.9746-0.2956i	1.7618-0.4883i	0.6494+0.5101i
17.1	-1.9695+3.8152i	-2.0795-4.4447i	-0.1169+1.2846i	13.1069+12.3092i	-2.3475+0.3139i	-2.0250+0.0091i	3.6400-0.0425i	1.3443+0.0900i
17.2	-1.3940+4.1816i	-2.2070-3.9406i	0.4333+1.6727i	12.7611+9.1628i	-1.5627+1.9982i	-1.1242+1.3139i	1.6970-2.1168i	0.7087-0.9756i
17.3	-0.8449+3.5877i	-2.5291-3.5139i	0.7276+1.0592i	12.9842+7.2800i	-0.5636+0.9357i	-0.4131+0.6598i	0.9551-0.6082i	0.0465-0.4789i
17.4	-0.7790+3.3671i	-2.7913-2.8780i	0.5799+0.8102i	13.3685+4.5168i	-1.0224+0.8795i	-0.4213+0.4350i	2.1812-0.6991i	-0.1346-0.1642i
17.5	-0.8033+3.3412i	-2.7441-2.3349i	0.5031+0.8427i	12.5095+2.1196i	-1.3287+0.8964i	-0.6989+0.4548i	2.0600-1.8868i	0.1926+0.0098i
17.6	-0.4971+3.4146i	-2.5993-1.9960i	0.6202+0.7833i	10.8378+0.5969i	-1.2424+1.5020i	-0.4914+0.7491i	0.8730-2.1284i	0.1673-0.2234i
17.7	-0.0935+3.2435i	-2.4920-1.7296i	0.6236+0.6070i	9.4658-0.0769i	-0.7099+1.6809i	-0.2249+0.6549i	0.4165-1.6385i	-0.0158-0.1450i
17.8	0.2121+2.9093i	-2.4623-1.5023i	0.5727+0.5288i	8.5164-0.6621i	-0.3354+1.5300i	-0.1817+0.5197i	0.2605-1.4056i	0.0267-0.0076i
17.9	0.3307+2.6046i	-2.4322-1.2617i	0.5632+0.5136i	7.8523-1.0192i	-0.1800+1.4095i	-0.1916+0.5106i	0.1500-1.2141i	0.0957-0.0084i
18.0	0.3660+2.2979i	-2.3467-1.0700i	0.5601+0.4598i	7.0132-1.2776i	-0.0127+1.2352i	-0.1279+0.4941i	0.0638-1.0287i	0.0930-0.0310i
18.1	0.3342+2.1045i	-2.2914-0.8612i	0.5750+0.4214i	6.5474-1.5507i	0.0460+1.1283i	-0.1042+0.4739i	0.0288-0.8970i	0.0989-0.0327i
18.2	0.3015+1.9519i	-2.1981-0.6766i	0.5615+0.3851i	6.0947-1.8272i	0.1034+1.0391i	-0.0955+0.4684i	0.0339-0.7889i	0.1100-0.0381i

18.3	0.3123+1.8212i	-2.0869-0.5219i	0.5551+0.3731i	5.6102-2.0213i	0.1716+0.9490i	-0.0602+0.4733i	0.0423-0.7129i	0.0995-0.0517i
18.4	0.3721+1.6514i	-1.9298-0.3712i	0.5554+0.3535i	4.9603-2.3183i	0.2379+0.8626i	0.0012+0.4704i	0.0825-0.6762i	0.0723-0.0392i
18.5	0.4157+1.3481i	-1.7418-0.2892i	0.5661+0.3345i	4.0508-2.5930i	0.3478+0.7743i	0.0684+0.4450i	0.0382-0.6697i	0.0888+0.0142i
18.6	0.0387+0.8234i	-1.5961-0.4183i	0.6111+0.3398i	2.6339-1.3975i	0.4583+0.3906i	0.1793+0.3616i	0.0332-0.5516i	0.1667-0.0345i
18.7	-0.5688+1.1796i	-1.7661-0.3793i	0.6548+0.2447i	3.9942-0.3558i	0.0164+0.2942i	0.0740+0.2386i	0.0372-0.5619i	0.1561-0.1191i
18.8	-0.4910+1.4919i	-1.7425-0.1902i	0.6270+0.1906i	4.4178-1.0908i	-0.0047+0.4597i	0.0468+0.2849i	0.0334-0.4636i	0.0871-0.1563i
18.9	-0.4273+1.5665i	-1.6493-0.0680i	0.6094+0.1598i	4.2981-1.5140i	0.0087+0.5174i	0.0690+0.2998i	0.0927-0.4834i	0.0282-0.1437i
19.0	-0.3735+1.6301i	-1.5664+0.0419i	0.6188+0.1307i	4.1623-1.9075i	0.0245+0.5385i	0.0826+0.2839i	0.1045-0.5083i	0.0110-0.1095i
19.1	-0.3554+1.6949i	-1.4695+0.1305i	0.6125+0.0966i	3.8944-2.2118i	0.0615+0.5679i	0.0975+0.2823i	0.0892-0.5404i	-0.0022-0.1012i
19.2	-0.3078+1.7634i	-1.3869+0.2023i	0.5989+0.0637i	3.6333-2.4444i	0.1053+0.5798i	0.1220+0.2693i	0.0565-0.5577i	-0.0194-0.0823i
19.3	-0.2413+1.8585i	-1.2869+0.2826i	0.5912+0.0374i	3.3621-2.7489i	0.1230+0.5847i	0.1356+0.2335i	0.0208-0.5737i	-0.0251-0.0354i
19.4	-0.1082+1.9182i	-1.1733+0.3289i	0.5863+0.0134i	2.9697-2.9362i	0.1797+0.5935i	0.1402+0.2053i	-0.0256-0.5630i	-0.0059-0.0064i
19.5	0.0476+1.9289i	-1.0543+0.3701i	0.5680-0.0106i	2.5801-3.0734i	0.2468+0.5587i	0.1373+0.1805i	-0.0599-0.5161i	0.0113+0.0025i
19.6	0.2023+1.8305i	-0.9333+0.3650i	0.5458-0.0409i	2.1372-3.0816i	0.2949+0.5362i	0.1160+0.1635i	-0.0540-0.4641i	0.0436+0.0099i
19.7	0.2329+1.7064i	-0.8679+0.3659i	0.5390-0.0706i	1.9089-3.0961i	0.3416+0.4805i	0.1050+0.1725i	-0.0340-0.4504i	0.0616-0.0211i
19.8	0.2738+1.6753i	-0.7755+0.4009i	0.5213-0.0802i	1.4723-3.2342i	0.4030+0.3996i	0.1115+0.1714i	-0.0457-0.4842i	0.0690-0.0243i
19.9	0.3203+1.6210i	-0.6581+0.3962i	0.4987-0.1017i	0.9576-3.1548i	0.3974+0.3281i	0.1116+0.1788i	-0.0860-0.5042i	0.0754-0.0525i
20.0	0.3703+1.5724i	-0.5565+0.3677i	0.4831-0.1178i	0.5540-2.9526i	0.3934+0.2590i	0.1390+0.1737i	-0.1427-0.4911i	0.0534-0.0649i
20.1	0.4601+1.5196i	-0.4669+0.3320i	0.4642-0.1317i	0.1088-2.7187i	0.3886+0.2122i	0.1566+0.1663i	-0.2122-0.4666i	0.0394-0.0817i
20.2	0.5124+1.4400i	-0.3974+0.2718i	0.4585-0.1318i	-0.1277-2.4214i	0.3816+0.1654i	0.1799+0.1294i	-0.2389-0.4067i	0.0147-0.0572i
20.3	0.5484+1.3205i	-0.3359+0.2156i	0.4484-0.1294i	-0.3209-2.1269i	0.3670+0.1228i	0.1740+0.1038i	-0.2467-0.3470i	0.0201-0.0514i
20.4	0.5239+1.2445i	-0.3184+0.1610i	0.4581-0.1341i	-0.3519-1.8993i	0.3387+0.0916i	0.1505+0.0893i	-0.2142-0.3031i	0.0347-0.0456i
20.5	0.4843+1.1845i	-0.2921+0.1103i	0.4555-0.1380i	-0.4425-1.6662i	0.3347+0.0687i	0.1350+0.0862i	-0.1932-0.2903i	0.0520-0.0610i
20.6	0.4513+1.1192i	-0.2721+0.0593i	0.4571-0.1453i	-0.5103-1.4044i	0.3092+0.0276i	0.1307+0.0753i	-0.2068-0.2629i	0.0502-0.0586i
20.7	0.4200+1.0822i	-0.2597+0.0328i	0.4770-0.1707i	-0.5730-1.1739i	0.2838-0.0106i	0.1297+0.0867i	-0.1992-0.2530i	0.0444-0.0956i
20.8	0.4122+1.0842i	-0.2511-0.0030i	0.4935-0.1807i	-0.5545-1.0009i	0.2567-0.0329i	0.1416+0.1002i	-0.2039-0.2584i	0.0132-0.1296i
20.9	0.4001+1.0341i	-0.2388-0.0405i	0.4984-0.1953i	-0.5781-0.8512i	0.2027-0.0257i	0.1407+0.0880i	-0.2047-0.2458i	-0.0049-0.1169i
21.0	0.3822+1.0233i	-0.2251-0.0604i	0.5099-0.2423i	-0.6892-0.6948i	0.1841-0.0403i	0.1599+0.0959i	-0.2305-0.2556i	-0.0347-0.1306i
21.1	0.3722+1.0254i	-0.2229-0.0915i	0.5268-0.2808i	-0.7528-0.5455i	0.1503-0.0566i	0.1746+0.0918i	-0.2264-0.2469i	-0.0637-0.1378i
21.2	0.3361+1.0370i	-0.2407-0.1285i	0.5406-0.3239i	-0.6580-0.3457i	0.1371-0.0716i	0.2051+0.0647i	-0.2576-0.2197i	-0.1096-0.1053i
21.3	0.3223+1.0679i	-0.2501-0.1378i	0.5490-0.4103i	-0.6057-0.1127i	0.0998-0.0903i	0.2179+0.0545i	-0.3064-0.1940i	-0.1478-0.0961i
21.4	0.3744+1.1351i	-0.2595-0.1536i	0.5301-0.4794i	-0.5518+0.1101i	0.0771-0.0603i	0.2417+0.0157i	-0.3103-0.1430i	-0.1785-0.0514i
21.5	0.4934+1.1656i	-0.2651-0.1644i	0.4943-0.5379i	-0.4387+0.1688i	0.0522-0.0646i	0.2207-0.0286i	-0.2517-0.1007i	-0.1675+0.0057i
21.6	0.5430+1.1405i	-0.2625-0.1837i	0.4382-0.6216i	-0.2783+0.2970i	0.0158-0.0339i	0.1876-0.0667i	-0.2541-0.0346i	-0.1254+0.0553i
21.7	0.6219+1.0861i	-0.2865-0.1915i	0.3494-0.6942i	-0.1330+0.3529i	0.0193-0.0131i	0.1688-0.0834i	-0.2118-0.0214i	-0.1150+0.0766i
21.8	0.6786+1.0253i	-0.3188-0.1994i	0.2263-0.7550i	-0.0123+0.3814i	0.0159+0.0024i	0.1407-0.0895i	-0.1765-0.0077i	-0.0912+0.0944i
21.9	0.7126+0.9588i	-0.3503-0.2164i	0.1129-0.7919i	0.1070+0.4146i	0.0252+0.0050i	0.1093-0.0842i	-0.1517-0.0270i	-0.0457+0.0822i
22.0	0.7677+0.8822i	-0.3534-0.2151i	-0.0812-0.8053i	0.2652+0.3909i	0.0216+0.0180i	0.0845-0.0812i	-0.1448-0.0196i	-0.0191+0.0805i
22.1	0.7718+0.8092i	-0.3572-0.1989i	-0.1759-0.7059i	0.3748+0.3329i	0.0253+0.0259i	0.0689-0.0865i	-0.1325-0.0040i	0.0060+0.0857i
22.2	0.7589+0.7335i	-0.3675-0.1880i	-0.2365-0.6012i	0.4540+0.2451i	0.0195+0.0325i	0.0479-0.0689i	-0.1004-0.0059i	0.0236+0.0661i
22.3	0.7935+0.7198i	-0.3714-0.1439i	-0.3385-0.4915i	0.5236+0.2441i	0.0258+0.0168i	0.0526-0.0630i	-0.1096-0.0106i	-0.0006+0.0608i
22.4	0.7247+0.6652i	-0.3770-0.1399i	-0.2897-0.3668i	0.4735+0.1974i	0.0513+0.0440i	0.0585-0.0549i	-0.1242-0.0085i	0.0065+0.0491i
22.5	0.7971+0.6298i	-0.3520-0.1214i	-0.2757-0.3303i	0.5487+0.1264i	0.0320+0.0256i	0.0460-0.0595i	-0.0962+0.0125i	0.0060+0.0564i
22.6	0.7409+0.5043i	-0.3460-0.1250i	-0.2196-0.2750i	0.4475+0.0633i	0.0237+0.0536i	0.0493-0.0543i	-0.1008-0.0191i	0.0059+0.0705i
22.7	0.6898+0.4652i	-0.3607-0.1245i	-0.2048-0.2186i	0.3734+0.0948i	0.0469+0.0594i	0.0414-0.0400i	-0.1029-0.0181i	0.0305+0.0512i
22.8	0.6807+0.3894i	-0.3570-0.1189i	-0.2161-0.1927i	0.3974+0.0469i	0.0598+0.0585i	0.0350-0.0401i	-0.0753-0.0237i	0.0361+0.0405i
22.9	0.6523+0.3366i	-0.3529-0.1216i	-0.1790-0.1628i	0.4202+0.0383i	0.0631+0.0467i	0.0467-0.0236i	-0.0803-0.0278i	0.0080+0.0301i
23.0	0.5932+0.3102i	-0.3474-0.1072i	-0.1359-0.1612i	0.4025+0.0499i	0.0600+0.0485i	0.0343-0.0475i	-0.0791-0.0141i	0.0366+0.0607i
23.1	0.5998+0.3078i	-0.3325-0.0968i	-0.1322-0.1670i	0.4318+0.0274i	0.0509+0.0115i	0.0380-0.0304i	-0.0643-0.0220i	0.0241+0.0350i
23.2	0.5617+0.2741i	-0.3379-0.0985i	-0.1302-0.1727i	0.4432+0.0045i	0.0643+0.0158i	0.0417-0.0426i	-0.0581+0.0089i	0.0314+0.0501i
23.3	0.5235+0.2358i	-0.3342-0.0974i	-0.1043-0.1702i	0.4171+0.0280i	0.0599+0.0233i	0.0214-0.0296i	-0.0535-0.0091i	0.0562+0.0277i
23.4	0.4992+0.2159i	-0.3336-0.0837i	-0.0946-0.1424i	0.4316-0.0030i	0.0564+0.0015i	0.0298-0.0343i	-0.0432-0.0107i	0.0437+0.0341i
23.5	0.4688+0.1972i	-0.3309-0.0686i	-0.1188-0.1469i	0.3874-0.0234i	0.0422-0.0096i	0.0235-0.0272i	-0.0405-0.0184i	0.0495+0.0227i
23.6	0.4223+0.2006i	-0.3257-0.0755i	-0.1287-0.1593i	0.3840-0.0279i	0.0498-0.0079i	0.0177-0.0298i	-0.0288-0.0276i	0.0628+0.0252i
23.7	0.3917+0.1960i	-0.3358-0.0779i	-0.1604-0.1568i	0.4093+0.0047i	0.0492+0.0035i	0.0242-0.0216i	-0.0376-0.0308i	0.0554+0.0127i
23.8	0.3718+0.1863i	-0.3364-0.0697i	-0.1798-0.1201i	0.4532-0.0198i	0.0627-0.0201i	0.0419-0.0245i	-0.0365-0.0142i	0.0244+0.0214i
23.9	0.3372+0.1891i	-0.3386-0.0532i	-0.1408-0.0832i	0.4207-0.0553i	0.0390-0.0214i	0.0331-0.0229i	-0.0252-0.0345i	0.0413+0.0087i
24.0	0.3056+0.2023i	-0.3240-0.0504i	-0.1338-0.0681i	0.3561+0.0067i	0.0391-0.0012i	0.0395-0.0092i	-0.0617-0.0357i	0.0400-0.0090i
24.1	0.2887+0.1963i	-0.3161-0.0344i	-0.1296-0.0717i	0.3179-0.0431i	0.0311-0.0107i	0.0450-0.0097i	-0.0518-0.0260i	0.0288+0.0005i
24.2	0.2785+0.1926i	-0.3107-0.0162i	-0.1391-0.0580i	0.2622-0.0661i	0.0058-0.0251i	0.0416-0.0295i	-0.0402-0.0278i	0.0391+0.0193i
24.3	0.2537+0.2199i	-0.3080-0.0181i	-0.1206-0.0487i	0.3268-0.0027i	0.0114-0.0428i	0.0405-0.0297i	-0.0453-0.0020i	0.0302+0.0004i
24.4	0.2507+0.2189i	-0.2930-0.0081i	-0.1125-0.0353i	0.2680+0.0119i	-0.0189-0.0238i	0.0328-0.0353i	-0.0193-0.0106i	0.0483+0.0024i
24.5	0.2538+0.2100i	-0.2955-0.0140i	-0.1144-0.0066i	0.2876+0.0133i	-0.0212-0.0022i	0.0231-0.0351i	-0.0058-0.0062i	0.0593+0.0051i

24.6	0.2341+0.2298i	-0.3029-0.0098i	-0.1110-0.0109i	0.3251-0.0037i	-0.0217-0.0017i	0.0257-0.0445i	0.0157-0.0038i	0.0619+0.0167i
24.7	0.2278+0.2377i	-0.2809+0.0062i	-0.1055-0.0048i	0.2983+0.0639i	-0.0003+0.0005i	0.0196-0.0535i	0.0277-0.0372i	0.0769+0.0072i
24.8	0.2382+0.2356i	-0.2704-0.0012i	-0.0981-0.0071i	0.3347+0.1234i	0.0114-0.0001i	0.0087-0.0401i	0.0062-0.0446i	0.0821-0.0269i
24.9	0.2279+0.2327i	-0.2716+0.0059i	-0.0900-0.0127i	0.3686+0.1306i	0.0174+0.0037i	0.0022-0.0410i	-0.0008-0.0554i	0.0826-0.0364i
25.0	0.2186+0.2369i	-0.2727+0.0175i	-0.0798-0.0022i	0.3837+0.0870i	0.0185-0.0022i	0.0051-0.0325i	0.0016-0.0758i	0.0760-0.0554i
25.1	0.2133+0.2594i	-0.2745+0.0268i	-0.0737+0.0075i	0.4573+0.0950i	0.0118-0.0376i	0.0064-0.0354i	0.0016-0.0751i	0.0562-0.0628i
25.2	0.2116+0.2748i	-0.2623+0.0302i	-0.0720-0.0017i	0.4737+0.1240i	0.0022-0.0417i	-0.0012-0.0206i	-0.0275-0.0807i	0.0539-0.0868i
25.3	0.2069+0.2802i	-0.2506+0.0472i	-0.0581-0.0001i	0.4640+0.0681i	-0.0276-0.0348i	-0.0049-0.0290i	-0.0324-0.0877i	0.0313-0.0811i
25.4	0.2165+0.2862i	-0.2336+0.0575i	-0.0441-0.0030i	0.4655+0.0599i	-0.0294-0.0105i	-0.0140-0.0177i	-0.0362-0.0920i	0.0416-0.0936i
25.5	0.2396+0.2925i	-0.2275+0.0666i	-0.0351-0.0030i	0.4784+0.0524i	-0.0163+0.0067i	-0.0004+0.0069i	-0.0539-0.1048i	0.0179-0.1275i
25.6	0.2686+0.2814i	-0.2038+0.0588i	-0.0311-0.0034i	0.4647+0.0551i	-0.0188+0.0038i	0.0027-0.0003i	-0.0888-0.1238i	-0.0207-0.1061i
25.7	0.2948+0.2572i	-0.1833+0.0520i	-0.0275-0.0023i	0.5335+0.1078i	-0.0187+0.0147i	0.0114-0.0007i	-0.1417-0.1011i	-0.0581-0.0973i
25.8	0.2989+0.2575i	-0.1710+0.0522i	-0.0197+0.0003i	0.5043+0.0578i	-0.0299+0.0100i	0.0236-0.0072i	-0.1208-0.0785i	-0.0580-0.0594i
25.9	0.3198+0.2373i	-0.1497+0.0541i	-0.0225-0.0068i	0.4711-0.0010i	-0.0499+0.0055i	0.0142-0.0128i	-0.1256-0.0633i	-0.0637-0.0517i
26.0	0.3208+0.2014i	-0.1419+0.0450i	-0.0238+0.0077i	0.4788-0.0199i	-0.0489+0.0284i	0.0227-0.0034i	-0.1217-0.0524i	-0.0580-0.0416i
26.1	0.3098+0.1853i	-0.1412+0.0435i	-0.0176+0.0018i	0.5045-0.0474i	-0.0510+0.0333i	0.0286-0.0152i	-0.1239-0.0240i	-0.0638-0.0021i
26.2	0.3143+0.1696i	-0.1533+0.0506i	-0.0140-0.0016i	0.5564-0.1226i	-0.0415+0.0582i	0.0369-0.0274i	-0.1171+0.0085i	-0.0594+0.0182i
26.3	0.2919+0.1725i	-0.1445+0.0702i	0.0009+0.0088i	0.5236-0.2155i	-0.0254+0.0785i	0.0202-0.0464i	-0.1018+0.0225i	-0.0305+0.0427i
26.4	0.2994+0.1715i	-0.1112+0.0611i	0.0059-0.0075i	0.4228-0.1982i	0.0000+0.0544i	0.0040-0.0359i	-0.0907+0.0199i	-0.0060+0.0027i
26.5	0.3119+0.1345i	-0.1176+0.0537i	0.0003+0.0016i	0.4641-0.2177i	-0.0097+0.0539i	0.0042-0.0210i	-0.1014+0.0496i	-0.0184+0.0109i
26.6	0.3093+0.1133i	-0.1104+0.0515i	0.0125-0.0113i	0.4189-0.1995i	-0.0084+0.0676i	0.0029-0.0251i	-0.0922+0.0424i	0.0005+0.0139i
26.7	0.3107+0.1077i	-0.0887+0.0480i	0.0163-0.0314i	0.3764-0.1777i	-0.0032+0.0723i	0.0042-0.0290i	-0.0877+0.0382i	0.0041+0.0142i
26.8	0.3081+0.1010i	-0.0819+0.0520i	0.0113-0.0377i	0.3271-0.2596i	-0.0061+0.0822i	-0.0094-0.0233i	-0.0646+0.0343i	0.0292+0.0124i
26.9	0.2948+0.0993i	-0.0686+0.0540i	0.0087-0.0582i	0.3192-0.3192i	0.0271+0.0669i	-0.0031-0.0217i	-0.0482+0.0454i	0.0344+0.0014i
27.0	0.2898+0.0682i	-0.0610+0.0387i	-0.0230-0.0436i	0.3381-0.3128i	0.0347+0.0586i	-0.0008-0.0270i	-0.0415+0.0444i	0.0212+0.0085i
27.1	0.3056+0.0298i	-0.0473+0.0266i	-0.0340-0.0250i	0.2641-0.2868i	0.0354+0.0651i	-0.0043-0.0188i	-0.0243+0.0450i	0.0330+0.0002i
27.2	0.3083+0.0167i	-0.0333+0.0158i	-0.0199-0.0164i	0.2232-0.2596i	0.0381+0.0615i	-0.0052-0.0085i	-0.0226+0.0497i	0.0369-0.0188i
27.3	0.2924-0.0016i	-0.0275+0.0137i	-0.0111-0.0052i	0.1588-0.2826i	0.0431+0.0542i	-0.0051-0.0106i	-0.0130+0.0303i	0.0303-0.0228i
27.4	0.2736-0.0240i	-0.0239+0.0016i	-0.0040-0.0017i	0.1463-0.2470i	0.0582+0.0356i	0.0003-0.0076i	-0.0040+0.0190i	0.0287-0.0289i
27.5	0.2529-0.0332i	-0.0253-0.0058i	0.0004+0.0012i	0.1140-0.2155i	0.0560+0.0283i	0.0011-0.0104i	-0.0116-0.0003i	0.0231-0.0374i
27.6	0.2346-0.0441i	-0.0236-0.0120i	0.0141-0.0169i	0.0774-0.2074i	0.0371+0.0335i	-0.0112-0.0108i	-0.0126-0.0015i	0.0366-0.0223i
27.7	0.2250-0.0591i	-0.0200-0.0137i	0.0260-0.0204i	0.0994-0.1923i	0.0434+0.0089i	-0.0007-0.0142i	-0.0055-0.0030i	0.0292-0.0266i
27.8	0.2110-0.0699i	-0.0112-0.0222i	0.0262-0.0277i	0.0809-0.1715i	0.0493-0.0064i	-0.0016-0.0118i	-0.0005-0.0157i	0.0263-0.0440i
27.9	0.1893-0.0921i	-0.0085-0.0188i	0.0356-0.0413i	0.0436-0.1852i	0.0419-0.0152i	-0.0080-0.0140i	0.0143-0.0208i	0.0201-0.0429i
28.0	0.1733-0.1030i	-0.0121-0.0281i	0.0233-0.0446i	0.0382-0.1535i	0.0342-0.0154i	0.0014-0.0077i	0.0062-0.0244i	0.0188-0.0497i
28.1	0.1373-0.1105i	-0.0209-0.0388i	0.0077-0.0599i	0.0368-0.1420i	0.0380-0.0238i	0.0015-0.0118i	-0.0038-0.0374i	0.0076-0.0421i
28.2	0.1133-0.1067i	-0.0238-0.0300i	0.0115-0.0684i	0.0035-0.1954i	0.0364-0.0373i	0.0097-0.0083i	-0.0012-0.0226i	-0.0009-0.0398i
28.3	0.0940-0.1071i	-0.0221-0.0341i	0.0032-0.0645i	-0.0324-0.1391i	0.0298-0.0265i	0.0096-0.0037i	-0.0097-0.0191i	-0.0158-0.0405i
28.4	0.0781-0.0996i	-0.0154-0.0434i	-0.0149-0.0750i	-0.0568-0.0793i	0.0243-0.0342i	0.0072-0.0089i	-0.0348-0.0140i	-0.0253-0.0287i
28.5	0.0647-0.1005i	-0.0087-0.0446i	-0.0114-0.0620i	-0.0531+0.0031i	0.0119-0.0241i	0.0117-0.0051i	-0.0471-0.0231i	-0.0234-0.0419i
28.6	0.0459-0.0918i	-0.0216-0.0475i	-0.0156-0.0560i	-0.0500+0.0085i	-0.0073-0.0226i	0.0029-0.0063i	-0.0405-0.0273i	-0.0185-0.0336i
28.7	0.0233-0.0891i	-0.0184-0.0500i	-0.0129-0.0552i	-0.0012+0.0384i	-0.0155-0.0166i	0.0141-0.0078i	-0.0588-0.0138i	-0.0420-0.0246i
28.8	0.0141-0.0701i	-0.0134-0.0350i	-0.0110-0.0426i	0.0208+0.0414i	-0.0154-0.0164i	0.0136-0.0121i	-0.0427-0.0091i	-0.0301-0.0148i
28.9	0.0020-0.0573i	-0.0166-0.0372i	-0.0057-0.0357i	0.0317+0.0546i	-0.0134-0.0065i	0.0077-0.0057i	-0.0443-0.0043i	-0.0261-0.0325i
29.0	-0.0041-0.0533i	-0.0239-0.0347i	-0.0191-0.0415i	0.0522+0.0548i	-0.0112-0.0243i	0.0121-0.0066i	-0.0439-0.0075i	-0.0222-0.0197i
29.1	0.0026-0.0377i	-0.0174-0.0231i	-0.0434-0.0500i	0.0414+0.0397i	-0.0346-0.0159i	0.0037-0.0101i	-0.0343-0.0028i	-0.0360-0.0190i
29.2	0.0087-0.0300i	0.0076-0.0255i	-0.0286-0.0401i	0.0587+0.0547i	-0.0490-0.0128i	0.0036-0.0116i	-0.0346+0.0017i	-0.0523-0.0194i
29.3	0.0021-0.0431i	0.0064-0.0280i	-0.0305-0.0451i	0.0590+0.0590i	-0.0169+0.0049i	0.0046-0.0096i	-0.0400+0.0025i	-0.0254-0.0184i
29.4	-0.0041-0.0281i	-0.0051-0.0207i	-0.0238-0.0453i	0.0816+0.0436i	-0.0228+0.0169i	0.0105-0.0107i	-0.0393+0.0262i	-0.0244-0.0049i
29.5	-0.0050-0.0263i	0.0012-0.0273i	-0.0096-0.0421i	0.0816+0.0339i	-0.0338+0.0045i	0.0051-0.0065i	-0.0380+0.0142i	-0.0251-0.0156i
29.6	0.0002-0.0206i	0.0173-0.0123i	-0.0208-0.0373i	0.0409+0.0437i	-0.0325+0.0414i	0.0022-0.0036i	-0.0378+0.0364i	-0.0224-0.0068i
29.7	-0.0176-0.0147i	0.0093-0.0153i	-0.0236-0.0357i	0.0652+0.0367i	-0.0370+0.0310i	0.0061-0.0117i	-0.0405+0.0356i	-0.0316+0.0054i
29.8	-0.0165-0.0405i	0.0226-0.0418i	-0.0286-0.0186i	0.0792+0.0769i	-0.0484-0.0398i	0.0062-0.0019i	-0.0802-0.0074i	-0.0532-0.0456i
29.9	0.0542-0.0845i	0.1065-0.0579i	-0.0615+0.0308i	-0.1596+0.1226i	0.1632-0.0418i	-0.0728-0.0083i	0.0802-0.0958i	0.1042-0.0707i
30.0	-0.0197-0.0519i	0.0542-0.0420i	-0.0182+0.0089i	0.0332+0.1001i	-0.0145-0.0605i	-0.0127+0.0110i	-0.0380-0.0195i	-0.0276-0.0620i
30.1	-0.0066-0.0176i	0.0648-0.0064i	-0.0509-0.0289i	0.0343+0.0167i	-0.0186+0.0161i	-0.0026-0.0151i	-0.0019+0.0297i	-0.0216+0.0107i
30.2	-0.0165-0.0284i	0.0658-0.0179i	-0.0270-0.0070i	0.0027+0.0301i	-0.0085-0.0105i	-0.0101-0.0046i	0.0074+0.0256i	-0.0120+0.0187i
30.3	-0.0157-0.0143i	0.0724-0.0115i	-0.0242-0.0268i	0.0114+0.0607i	0.0056+0.0090i	-0.0018-0.0115i	0.0018+0.0386i	-0.0056+0.0191i
30.4	-0.0150-0.0111i	0.0912-0.0051i	-0.0182-0.0207i	-0.0204+0.0624i	0.0007-0.0077i	0.0033-0.0130i	0.0023+0.0342i	-0.0144+0.0232i
30.5	-0.0245-0.0231i	0.0868-0.0121i	-0.0314-0.0057i	-0.0135+0.0499i	-0.0066-0.0093i	0.0055-0.0110i	-0.0001+0.0223i	-0.0123+0.0190i
30.6	-0.0309-0.0256i	0.0984-0.0263i	-0.0273-0.0010i	0.0088+0.1003i	-0.0019-0.0012i	0.0037-0.0016i	0.0025+0.0148i	-0.0181+0.0160i
30.7	-0.0339-0.0320i	0.1078-0.0379i	-0.0109-0.0016i	0.0143+0.0958i	0.0100-0.0022i	0.0143-0.0098i	-0.0018+0.0112i	-0.0132+0.0029i
30.8	-0.0329-0.0241i	0.1115-0.0329i	0.0039+0.0045i	-0.0243+0.0744i	-0.0075-0.0047i	0.0094-0.0057i	-0.0100+0.0032i	-0.0291+0.0066i

30.9	-0.0340-0.0193i	0.1290-0.0108i	0.0067-0.0113i	-0.0351+0.0548i	-0.0179-0.0053i	-0.0064+0.0005i	-0.0039+0.0173i	-0.0107+0.0246i
31.0	-0.0461-0.0172i	0.1262-0.0205i	-0.0068+0.0019i	0.0023+0.0458i	-0.0308-0.0118i	0.0036-0.0098i	-0.0153+0.0125i	-0.0051-0.0040i
31.1	-0.0342-0.0275i	0.1401-0.0281i	-0.0061-0.0078i	-0.0175+0.0600i	-0.0159+0.0033i	0.0011-0.0011i	-0.0093+0.0240i	-0.0025+0.0037i
31.2	-0.0255-0.0179i	0.1575-0.0299i	0.0152-0.0091i	-0.0771-0.0077i	-0.0099+0.0186i	-0.0047+0.0047i	-0.0196+0.0142i	-0.0014+0.0022i
31.3	-0.0403-0.0158i	0.1459-0.0307i	0.0069-0.0226i	-0.0441+0.0459i	-0.0037-0.0022i	0.0110-0.0082i	-0.0147+0.0367i	-0.0157+0.0017i
31.4	-0.0571-0.0134i	0.1476-0.0350i	0.0010-0.0274i	0.0173+0.0202i	-0.0106-0.0013i	0.0035-0.0071i	0.0008+0.0069i	0.0054-0.0002i
31.5	-0.0423-0.0373i	0.1804-0.0684i	-0.0049-0.0552i	-0.0530+0.1299i	-0.0054+0.0322i	0.0186+0.0018i	-0.0007+0.0272i	-0.0163+0.0231i
31.6	-0.0495-0.0172i	0.1921-0.0487i	-0.0001-0.0815i	-0.1048+0.1312i	-0.0132+0.0044i	0.0184+0.0055i	-0.0002+0.0347i	-0.0120+0.0184i
31.7	-0.0479-0.0227i	0.2038-0.0638i	-0.0032-0.1074i	-0.1275+0.1251i	-0.0185+0.0080i	0.0143+0.0081i	0.0014+0.0342i	0.0095+0.0004i
31.8	-0.0456-0.0233i	0.2220-0.0691i	-0.0405-0.1218i	-0.1430+0.1115i	-0.0348+0.0166i	0.0164-0.0007i	0.0223+0.0398i	-0.0021-0.0043i
31.9	-0.0511-0.0239i	0.2238-0.0600i	-0.0490-0.0778i	-0.1460+0.0648i	-0.0262+0.0117i	0.0133-0.0014i	0.0136+0.0391i	-0.0058-0.0061i
32.0	-0.0591-0.0206i	0.2441-0.0752i	-0.0611-0.0577i	-0.1709+0.0990i	-0.0293+0.0138i	0.0065+0.0043i	0.0130+0.0396i	0.0144+0.0050i
32.1	-0.0543-0.0169i	0.2465-0.0880i	-0.0684-0.0302i	-0.1656+0.1426i	-0.0193+0.0031i	0.0176+0.0046i	0.0223+0.0417i	0.0241-0.0062i
32.2	-0.0773-0.0225i	0.2179-0.0989i	-0.0465-0.0322i	-0.1077+0.1666i	0.0101+0.0079i	0.0279+0.0037i	0.0342+0.0418i	0.0134-0.0091i
32.3	-0.0550-0.0217i	0.2435-0.0889i	-0.0626-0.0784i	-0.1673+0.1696i	-0.0024-0.0065i	0.0247+0.0032i	0.0424+0.0315i	-0.0075-0.0098i
32.4	-0.0522-0.0397i	0.2480-0.0939i	-0.1215-0.0413i	-0.1431+0.1679i	-0.0038-0.0153i	0.0291+0.0042i	0.0375+0.0302i	-0.0042+0.0271i
32.5	-0.0646-0.0246i	0.2418-0.0754i	-0.0444+0.0212i	-0.1280+0.1271i	0.0074-0.0136i	0.0343-0.0106i	0.0407+0.0162i	0.0023+0.0189i
32.6	-0.0527-0.0206i	0.2719-0.0918i	-0.0048+0.0319i	-0.1793+0.1282i	-0.0208-0.0090i	0.0368-0.0084i	0.0486+0.0090i	-0.0025+0.0164i
32.7	-0.0602-0.0171i	0.2686-0.1036i	-0.0365+0.0480i	-0.1340+0.1569i	-0.0050-0.0152i	0.0280-0.0158i	0.0480+0.0026i	0.0145+0.0028i
32.8	-0.0468-0.0227i	0.2956-0.0902i	-0.0463-0.0229i	-0.1861+0.1181i	-0.0085-0.0300i	0.0330-0.0186i	0.0610+0.0105i	-0.0036+0.0100i
32.9	-0.0392-0.0340i	0.3187-0.1243i	-0.0387-0.0479i	-0.2385+0.1697i	0.0085-0.0086i	0.0441-0.0159i	0.0490-0.0047i	-0.0135+0.0083i
33.0	-0.0535-0.0286i	0.3297-0.1226i	-0.0643+0.0642i	-0.2384+0.1922i	-0.0286-0.0081i	0.0331-0.0259i	0.0465-0.0049i	0.0240+0.0154i
33.1	-0.0498-0.0397i	0.3363-0.1096i	-0.1493+0.0794i	-0.2639+0.1764i	-0.0290-0.0282i	0.0335-0.0248i	0.0476+0.0023i	-0.0005+0.0197i
33.2	-0.0649-0.0267i	0.3409-0.1300i	-0.0800-0.0007i	-0.2488+0.2047i	0.0014-0.0199i	0.0350-0.0356i	0.0566-0.0125i	0.0037+0.0051i
33.3	-0.0461-0.0325i	0.3368-0.1447i	-0.0725+0.0188i	-0.2024+0.2289i	-0.0073-0.0313i	0.0204-0.0400i	0.0419-0.0127i	0.0000+0.0147i
33.4	-0.0511-0.0382i	0.3361-0.1702i	-0.0215+0.0170i	-0.2064+0.2809i	-0.0066-0.0066i	0.0341-0.0270i	0.0473-0.0039i	0.0081+0.0259i
33.5	-0.0618-0.0445i	0.3367-0.1887i	-0.0341+0.0134i	-0.2344+0.2503i	-0.0194-0.0041i	0.0267-0.0197i	0.0507-0.0135i	0.0202+0.0195i
33.6	-0.0556-0.0423i	0.3356-0.1773i	-0.0335+0.0614i	-0.2425+0.2356i	-0.0513-0.0308i	0.0208-0.0276i	0.0497-0.0125i	0.0230+0.0213i
33.7	-0.0702-0.0517i	0.3305-0.1704i	0.0003-0.0496i	-0.2652+0.2160i	-0.0405-0.0280i	-0.0001-0.0223i	0.0332-0.0115i	0.0226+0.0336i
33.8	-0.0737-0.0310i	0.3426-0.1506i	-0.1102+0.0508i	-0.2837+0.2304i	-0.0348-0.0415i	0.0041-0.0220i	0.0411-0.0181i	0.0235+0.0353i
33.9	-0.0890-0.0185i	0.3540-0.1387i	-0.0726+0.0644i	-0.3541+0.2461i	-0.0517-0.0487i	-0.0046-0.0010i	0.0297-0.0199i	0.0288+0.0327i
34.0	-0.0963-0.0114i	0.4057-0.0664i	-0.1010+0.0815i	-0.3748+0.1839i	-0.0274-0.0521i	0.0033+0.0176i	0.0345-0.0088i	0.0319+0.0468i
34.1	-0.0421+0.0116i	0.4500-0.0338i	-0.0831+0.1141i	-0.3140+0.1436i	-0.0351-0.0376i	0.0223+0.0208i	0.0605+0.0330i	0.0512+0.0712i
34.2	-0.0551+0.0086i	0.5013-0.0458i	-0.0786+0.0059i	-0.4242+0.1024i	-0.0435-0.0402i	0.0343+0.0225i	0.0733+0.0143i	0.0458+0.0164i
34.3	-0.0477-0.0026i	0.6001-0.0871i	-0.0341+0.0103i	-0.5974+0.1924i	-0.0510-0.0796i	0.0524+0.0377i	0.0641-0.0039i	0.0426+0.0428i
34.4	-0.0087+0.0158i	0.6461-0.1102i	-0.0731+0.0527i	-0.6246+0.2368i	-0.0720-0.0497i	0.0770+0.0183i	0.1014+0.0143i	0.0778+0.0606i
34.5	0.0105+0.0037i	0.7001-0.1722i	-0.0625+0.0525i	-0.7044+0.3034i	-0.0832-0.0386i	0.0834+0.0201i	0.1121+0.0018i	0.1064+0.0439i
34.6	0.0478-0.0253i	0.7845-0.1920i	-0.0625+0.0688i	-0.8395+0.3247i	-0.1083-0.0855i	0.0820+0.0327i	0.1132-0.0198i	0.0770+0.0653i
34.7	0.0842-0.0298i	0.8432-0.2437i	-0.0785+0.0833i	-0.8771+0.4232i	-0.1286-0.0675i	0.0985+0.0074i	0.1449-0.0264i	0.1140+0.0580i
34.8	0.0766-0.0505i	0.8613-0.3373i	-0.0840+0.0768i	-0.8854+0.5608i	-0.1428-0.0515i	0.1044-0.0057i	0.1350-0.0505i	0.1248+0.0429i
34.9	0.0880-0.0749i	0.8578-0.3813i	-0.1173+0.0851i	-0.8880+0.6710i	-0.1829-0.0333i	0.1275-0.0177i	0.1062-0.0284i	0.1371+0.0527i
35.0	0.1053-0.0967i	0.8860-0.4290i	-0.1298+0.1016i	-0.8766+0.7635i	-0.1567-0.0023i	0.1327-0.0407i	0.1428-0.0649i	0.1597+0.0113i
35.1	0.1301-0.1271i	0.9363-0.4910i	-0.1384+0.1599i	-0.9254+0.8378i	-0.1641-0.0075i	0.1268-0.0571i	0.1481-0.1121i	0.1712+0.0106i
35.2	0.1554-0.2072i	0.9276-0.5880i	-0.1223+0.1514i	-0.8744+0.9657i	-0.1717+0.0418i	0.1182-0.0915i	0.2092-0.1501i	0.2365-0.0442i
35.3	0.1436-0.2335i	0.9476-0.6271i	-0.1447+0.2073i	-0.8399+1.0549i	-0.1646+0.0404i	0.1110-0.1381i	0.2321-0.1954i	0.2353-0.0594i
35.4	0.1025-0.2528i	1.0086-0.7206i	-0.1479+0.3036i	-0.9569+1.2177i	-0.2313+0.0565i	0.1516-0.1061i	0.1489-0.1860i	0.2518+0.0012i
35.5	0.0470-0.3004i	0.9853-0.7852i	-0.1033+0.3121i	-0.9179+1.2923i	-0.2312+0.0929i	0.1713-0.0757i	0.0922-0.1777i	0.2425-0.0501i
35.6	0.0545-0.3529i	0.9711-0.8960i	-0.0671+0.3115i	-0.8704+1.4312i	-0.2347+0.1326i	0.1510-0.1014i	0.0801-0.2144i	0.2674-0.0971i
35.7	0.0323-0.3927i	0.8893-0.9526i	-0.0380+0.3307i	-0.6755+1.5238i	-0.1964+0.1678i	0.1160-0.1314i	0.0435-0.2886i	0.2487-0.1722i
35.8	-0.0101-0.4144i	0.9096-1.0248i	0.0049+0.3833i	-0.6666+1.6281i	-0.1793+0.1941i	0.1399-0.1474i	0.0051-0.3077i	0.2588-0.2102i
35.9	-0.0680-0.4501i	0.8764-1.1762i	0.0795+0.3886i	-0.5795+1.8611i	-0.1597+0.2683i	0.1427-0.2060i	-0.0169-0.3284i	0.2809-0.2965i
36.0	-0.1138-0.4250i	0.7601-1.1683i	0.1256+0.3551i	-0.3266+1.7694i	-0.0938+0.2276i	0.0565-0.2058i	-0.1495-0.3595i	0.1818-0.3938i
36.1	-0.1396-0.4344i	0.7736-1.2182i	0.1084+0.3857i	-0.3523+1.8381i	-0.0904+0.2657i	0.0664-0.2471i	-0.1158-0.3402i	0.2079-0.3999i
36.2	-0.2013-0.4247i	0.7188-1.3019i	0.1520+0.4018i	-0.1812+1.9328i	-0.0294+0.2852i	0.0424-0.2606i	-0.2134-0.3252i	0.1163-0.4819i
36.3	-0.2150-0.4346i	0.7162-1.3064i	0.1651+0.4244i	-0.1919+1.8754i	-0.0099+0.2704i	0.0412-0.2581i	-0.2081-0.2668i	0.0979-0.4612i
36.4	-0.2136-0.4254i	0.6898-1.2758i	0.1824+0.3833i	-0.1614+1.7726i	0.0204+0.2278i	0.0035-0.2121i	-0.2806-0.1987i	-0.0261-0.4767i
36.5	-0.2577-0.3943i	0.6327-1.3732i	0.2330+0.3804i	-0.0106+1.8197i	0.0723+0.2011i	-0.0473-0.2360i	-0.3410-0.1733i	-0.1464-0.4831i
36.6	-0.2849-0.4023i	0.6229-1.4396i	0.2522+0.4082i	-0.0175+1.8719i	0.0957+0.1835i	-0.0680-0.2248i	-0.3721-0.1584i	-0.2178-0.4782i
36.7	-0.2970-0.4192i	0.6136-1.5002i	0.2720+0.4409i	-0.0288+1.9586i	0.0683+0.1783i	-0.0372-0.2069i	-0.3322-0.0452i	-0.2283-0.3654i
36.8	-0.3361-0.4314i	0.5813-1.5481i	0.3530+0.4559i	0.0228+2.0254i	0.0895+0.1723i	-0.0481-0.2089i	-0.3195-0.0346i	-0.2503-0.3813i
36.9	-0.3291-0.4068i	0.5555-1.5388i	0.3321+0.4021i	0.0837+1.9674i	0.0785+0.1169i	-0.0274-0.1903i	-0.3094+0.0406i	-0.2783-0.2860i
37.0	-0.3636-0.4170i	0.4836-1.6363i	0.4227+0.4133i	0.1902+2.1047i	0.0808+0.1077i	-0.0419-0.1739i	-0.2884+0.1071i	-0.3086-0.2269i
37.1	-0.4802-0.3986i	0.4138-1.7366i	0.6024+0.3622i	0.3604+2.1975i	0.1051+0.1032i	-0.0243-0.1819i	-0.2689+0.0915i	-0.3268-0.2180i

37.2	-0.4983-0.4287i	0.3767-1.8281i	0.5927+0.4294i	0.4451+2.3200i	0.1184+0.1444i	-0.0409-0.2096i	-0.2189+0.0843i	-0.3008-0.2238i
37.3	-0.5093-0.3615i	0.2976-1.8140i	0.6435+0.3715i	0.5449+2.1450i	0.0979+0.0714i	-0.0938-0.2186i	-0.2585+0.1289i	-0.3538-0.1569i
37.4	-0.6191-0.3305i	0.2039-1.8482i	0.7409+0.2903i	0.8399+2.2548i	0.1206+0.0452i	-0.0477-0.2334i	-0.2303+0.1355i	-0.3711-0.1325i
37.5	-0.6105-0.3069i	0.1703-1.9098i	0.7925+0.2415i	0.8320+2.2555i	0.1064+0.0275i	-0.0694-0.2030i	-0.2389+0.1889i	-0.3905-0.0927i
37.6	-0.6285-0.2626i	0.1158-1.9190i	0.8978+0.2037i	0.8854+2.1756i	0.0906+0.0409i	-0.1103-0.2052i	-0.2045+0.2155i	-0.3567-0.0514i
37.7	-0.6769-0.2442i	0.0618-1.9616i	0.9677+0.1895i	1.0009+2.2003i	0.1039+0.0297i	-0.0963-0.2285i	-0.1758+0.1821i	-0.3433-0.0417i
37.8	-0.7224-0.2307i	0.0109-2.0693i	1.0257+0.1275i	1.0639+2.3405i	0.1054+0.0319i	-0.1114-0.2467i	-0.1262+0.1679i	-0.3426-0.0350i
37.9	-0.7188-0.1628i	-0.0827-2.0608i	1.0213+0.0201i	1.1530+2.2078i	0.0777+0.0213i	-0.1101-0.2589i	-0.0710+0.1785i	-0.2641+0.0069i
38.0	-0.7361-0.0724i	-0.2607-2.0865i	1.0240-0.1480i	1.4071+2.1030i	0.0969+0.0268i	-0.1334-0.2810i	-0.0742+0.1857i	-0.2827-0.0143i
38.1	-0.7247-0.0045i	-0.3833-2.1007i	0.9827-0.3421i	1.5485+2.0453i	0.0728+0.0174i	-0.1810-0.2743i	-0.0745+0.1559i	-0.2827-0.0092i
38.2	-0.6970+0.0399i	-0.4770-2.0460i	0.8994-0.3730i	1.6147+1.9266i	0.0598+0.0303i	-0.2125-0.2442i	-0.0914+0.1730i	-0.2933-0.0000i
38.3	-0.6676+0.0979i	-0.5967-1.9848i	0.8204-0.3968i	1.7062+1.7680i	0.0468+0.0204i	-0.2112-0.2369i	-0.0873+0.1900i	-0.2938+0.0378i
38.4	-0.6240+0.1576i	-0.6598-1.9484i	0.7422-0.5541i	1.6506+1.6006i	0.0537+0.0185i	-0.2262-0.2293i	-0.0599+0.2363i	-0.2941+0.0633i
38.5	-0.6240+0.1618i	-0.6493-1.9686i	0.7954-0.5443i	1.6724+1.5956i	0.0767-0.0123i	-0.2447-0.2356i	-0.0478+0.2525i	-0.2915+0.0991i
38.6	-0.6095+0.1932i	-0.6828-1.9661i	0.7529-0.5339i	1.6446+1.5996i	0.0723+0.0017i	-0.2553-0.2123i	-0.0094+0.2250i	-0.2615+0.1160i
38.7	-0.5660+0.2240i	-0.6878-1.9705i	0.7025-0.6065i	1.5704+1.5899i	0.0763-0.0172i	-0.2912-0.1938i	0.0134+0.2094i	-0.2667+0.1314i
38.8	-0.5338+0.2939i	-0.7756-1.9955i	0.6990-0.6574i	1.6395+1.5518i	0.0814-0.0309i	-0.3076-0.1863i	0.0285+0.2172i	-0.2454+0.1525i
38.9	-0.4733+0.2932i	-0.7825-1.9611i	0.6381-0.7199i	1.6205+1.5001i	0.0679-0.0532i	-0.3241-0.1582i	0.0378+0.1954i	-0.2413+0.1580i
39.0	-0.4145+0.3083i	-0.8233-1.9496i	0.6070-0.7251i	1.5896+1.5098i	0.0385-0.0764i	-0.3471-0.1281i	0.0735+0.1928i	-0.1903+0.1806i
39.1	-0.3616+0.3435i	-0.9704-1.9493i	0.5638-0.7164i	1.6813+1.4982i	0.0182-0.0650i	-0.3607-0.1225i	0.0678+0.1920i	-0.1789+0.1879i
39.2	-0.3033+0.3369i	-1.0688-1.9415i	0.4765-0.6847i	1.7353+1.4520i	-0.0214-0.0823i	-0.3757-0.1274i	0.0744+0.1806i	-0.1482+0.1854i
39.3	-0.2543+0.3277i	-1.1823-1.8835i	0.4755-0.7033i	1.8400+1.4055i	-0.0219-0.0630i	-0.3953-0.1010i	0.0638+0.1557i	-0.1471+0.1518i
39.4	-0.1792+0.2977i	-1.2223-1.8527i	0.3920-0.8221i	1.8113+1.3642i	-0.0401-0.0604i	-0.4144-0.0647i	0.0644+0.1592i	-0.1496+0.1394i
39.5	-0.1352+0.2274i	-1.2389-1.8621i	0.3894-0.7913i	1.8226+1.4072i	-0.0446-0.0525i	-0.4155-0.0321i	0.0616+0.1552i	-0.1373+0.1170i
39.6	-0.1065+0.1862i	-1.3774-1.8767i	0.4878-0.8516i	1.9745+1.4222i	-0.0399-0.0435i	-0.4281-0.0091i	0.0554+0.1815i	-0.1449+0.1478i
39.7	-0.0831+0.1341i	-1.4505-1.8012i	0.4332-0.8423i	1.9961+1.3521i	-0.0535-0.0188i	-0.4315+0.0360i	0.0607+0.1808i	-0.1385+0.1535i
39.8	-0.0770+0.0718i	-1.4923-1.6898i	0.3671-0.8605i	1.9984+1.2794i	-0.0534-0.0141i	-0.4150+0.0853i	0.0817+0.1689i	-0.1365+0.1450i
39.9	-0.0902+0.0518i	-1.5768-1.6654i	0.2781-0.9963i	2.0640+1.2608i	-0.0525-0.0207i	-0.3911+0.1070i	0.0878+0.1727i	-0.1332+0.1610i
40.0	-0.0553-0.0365i	-1.6299-1.6131i	0.2463-0.9237i	2.1455+1.2160i	-0.0600-0.0339i	-0.3735+0.1315i	0.0940+0.1804i	-0.1213+0.1711i
40.1	-0.0882-0.0966i	-1.6702-1.5210i	0.2028-0.8683i	2.1739+1.1157i	-0.0632-0.0189i	-0.3579+0.1461i	0.1135+0.1953i	-0.1273+0.1864i
40.2	-0.1520-0.1266i	-1.7232-1.3995i	0.1464-0.9004i	2.2369+1.0515i	-0.0877-0.0149i	-0.3475+0.1715i	0.1298+0.1964i	-0.1308+0.1903i
40.3	-0.1893-0.1683i	-1.7593-1.3512i	0.0907-0.8808i	2.2799+1.0135i	-0.0943-0.0037i	-0.3493+0.1939i	0.1613+0.2015i	-0.1122+0.1977i
40.4	-0.2390-0.1835i	-1.7389-1.3271i	0.0973-0.8677i	2.2413+0.9959i	-0.0912-0.0011i	-0.3260+0.1845i	0.1797+0.1810i	-0.1176+0.1738i
40.5	-0.3018-0.1830i	-1.7564-1.2476i	0.0832-0.9335i	2.3233+0.9215i	-0.0876+0.0083i	-0.3174+0.2145i	0.1973+0.1928i	-0.1095+0.2046i
40.6	-0.3656-0.1913i	-1.8009-1.2048i	0.0122-0.9044i	2.3512+0.9015i	-0.1050+0.0296i	-0.2955+0.2403i	0.2232+0.1580i	-0.0932+0.2076i
40.7	-0.3980-0.1751i	-1.8210-1.1933i	0.0195-0.9487i	2.3668+0.9059i	-0.0985+0.0140i	-0.2718+0.2574i	0.2348+0.1609i	-0.0857+0.2212i
40.8	-0.4452-0.1197i	-1.8491-1.1513i	-0.0108-0.9961i	2.4452+0.7967i	-0.0937+0.0345i	-0.2540+0.2508i	0.2374+0.1590i	-0.0630+0.2374i
40.9	-0.4271-0.1001i	-1.8518-1.0787i	-0.0862-0.9522i	2.4530+0.7438i	-0.1008+0.0649i	-0.2364+0.2494i	0.2424+0.1248i	-0.0399+0.2230i
41.0	-0.4976-0.0897i	-1.8895-0.9752i	-0.0274-0.9406i	2.4664+0.6203i	-0.0968+0.0564i	-0.2160+0.2456i	0.2665+0.1068i	-0.0279+0.2397i
41.1	-0.5208+0.0010i	-1.8857-0.9315i	-0.0807-0.9981i	2.4806+0.5210i	-0.1059+0.0529i	-0.2153+0.2442i	0.2829+0.1119i	-0.0155+0.2728i
41.2	-0.5011+0.0406i	-1.8708-0.8908i	-0.1688-0.9881i	2.5228+0.4487i	-0.1131+0.0634i	-0.2227+0.2467i	0.2842+0.0862i	-0.0124+0.2493i
41.3	-0.5042+0.0960i	-1.8898-0.8377i	-0.2428-1.0233i	2.5273+0.2964i	-0.1164+0.0646i	-0.2082+0.2484i	0.2844+0.0884i	-0.0036+0.2418i
41.4	-0.4281+0.1361i	-1.8168-0.7701i	-0.2960-1.0315i	2.4187+0.2871i	-0.1013+0.0623i	-0.2103+0.2635i	0.2998+0.0625i	0.0224+0.2215i
41.5	-0.3501+0.1315i	-1.7882-0.7361i	-0.3857-1.0258i	2.5003+0.1847i	-0.1136+0.0787i	-0.1969+0.2773i	0.2979+0.0354i	0.0332+0.2205i
41.6	-0.3500+0.0596i	-1.7958-0.7333i	-0.4821-0.9347i	2.3969+0.1013i	-0.1313+0.0885i	-0.1995+0.2892i	0.3014+0.0342i	0.0409+0.2345i
41.7	-0.4571+0.1154i	-1.7762-0.7054i	-0.3492-0.8968i	2.2883+0.1691i	-0.1265+0.1111i	-0.1861+0.2940i	0.3040+0.0065i	0.0450+0.2098i
41.8	-0.4151+0.1556i	-1.7738-0.6523i	-0.3850-0.9595i	2.3136+0.0947i	-0.1074+0.1269i	-0.1851+0.2918i	0.2831-0.0087i	0.0442+0.1963i
41.9	-0.3734+0.1980i	-1.7803-0.6422i	-0.5162-0.9950i	2.3722+0.0327i	-0.1201+0.1308i	-0.1897+0.3261i	0.3020-0.0044i	0.0530+0.2156i
42.0	-0.3331+0.2080i	-1.7812-0.6361i	-0.5552-0.9474i	2.3241-0.0279i	-0.1075+0.1622i	-0.1491+0.3426i	0.3036-0.0397i	0.0664+0.1760i
42.1	-0.2279+0.1549i	-1.7638-0.6243i	-0.6913-0.8688i	2.2544-0.1204i	-0.0929+0.1594i	-0.1324+0.3459i	0.3216-0.0449i	0.0755+0.1797i
42.2	-0.3131+0.0562i	-1.7802-0.5988i	-0.5053-0.7020i	2.1377+0.1107i	-0.0705+0.1675i	-0.1248+0.3564i	0.2917-0.0847i	0.0520+0.1595i
42.3	-0.3863+0.2449i	-1.8024-0.5840i	-0.5921-0.9866i	2.4111+0.1302i	-0.0483+0.1713i	-0.1254+0.3773i	0.2395-0.0558i	0.0434+0.1839i
42.4	-0.2473+0.2376i	-1.8177-0.5815i	-0.7097-0.9686i	2.4652-0.0638i	-0.0358+0.1623i	-0.0759+0.4078i	0.2745-0.0495i	0.0734+0.1902i
42.5	-0.2352+0.1737i	-1.8106-0.5534i	-0.7896-0.9189i	2.2940-0.2103i	-0.0549+0.1473i	-0.0340+0.4037i	0.3275-0.0443i	0.1111+0.2119i
42.6	-0.2043+0.2040i	-1.8396-0.5151i	-0.9094-0.8216i	2.4066-0.1288i	-0.0483+0.1502i	0.0057+0.3947i	0.3201-0.0707i	0.1346+0.1921i
42.7	-0.1792+0.1724i	-1.8431-0.4640i	-0.9593-0.7350i	2.4986-0.3262i	-0.0402+0.1418i	0.0279+0.4013i	0.3084-0.0657i	0.1301+0.1743i
42.8	-0.1569+0.1568i	-1.8230-0.4613i	-1.0528-0.6640i	2.2448-0.4021i	-0.0507+0.1518i	0.0800+0.4000i	0.3779-0.0997i	0.1629+0.1626i
42.9	-0.1466+0.0900i	-1.8528-0.4497i	-1.0463-0.5042i	2.2310-0.4082i	-0.0614+0.1740i	0.0997+0.3817i	0.3917-0.1628i	0.1877+0.1616i
43.0	-0.1249+0.1293i	-1.8745-0.4205i	-0.9844-0.4297i	2.1612-0.3316i	-0.0531+0.1871i	0.1045+0.3372i	0.3530-0.2268i	0.1813+0.1270i
43.1	-0.1023+0.0447i	-1.8577-0.3721i	-1.0201-0.4544i	2.3010-0.3777i	-0.0367+0.1578i	0.1545+0.3261i	0.3531-0.2126i	0.1765+0.1435i
43.2	-0.0913+0.0938i	-1.8446-0.3283i	-1.1109-0.4378i	2.2917-0.6296i	-0.0410+0.1711i	0.1736+0.3456i	0.3671-0.2130i	0.2059+0.1318i
43.3	-0.0583+0.0042i	-1.8498-0.3202i	-1.1209-0.2754i	2.2173-0.8278i	-0.0462+0.1713i	0.1953+0.3193i	0.3755-0.2541i	0.2206+0.0861i
43.4	-0.0868-0.0902i	-1.8254-0.3234i	-1.0746-0.1148i	1.9402-0.8288i	-0.0550+0.2140i	0.2413+0.2827i	0.3475-0.3589i	0.2268+0.0419i

43.5	-0.1579-0.0918i	-1.8361-0.3030i	-0.8968-0.0948i	2.0279-0.5044i	-0.0133+0.2391i	0.2049+0.2380i	0.2229-0.3887i	0.1885+0.0385i
43.6	-0.2591-0.0868i	-1.8516-0.2994i	-0.8379-0.1216i	1.9357-0.6012i	-0.0163+0.2518i	0.2442+0.2183i	0.2342-0.3883i	0.2078+0.0304i
43.7	-0.2576-0.0584i	-1.8813-0.2739i	-0.8574-0.0729i	2.0378-0.6587i	0.0118+0.2387i	0.2475+0.1942i	0.1901-0.3640i	0.1986+0.0068i
43.8	-0.2633+0.0354i	-1.8761-0.2541i	-0.7849-0.2335i	2.0687-0.5946i	0.0340+0.2541i	0.2458+0.1629i	0.1342-0.3498i	0.1816-0.0084i
43.9	-0.1868+0.0030i	-1.8646-0.2278i	-0.8735-0.1514i	2.0587-0.8085i	0.0391+0.2571i	0.2714+0.1641i	0.1275-0.3602i	0.2149-0.0170i
44.0	-0.1222-0.0422i	-1.8806-0.2068i	-1.0411-0.0618i	1.8744-0.8691i	0.0699+0.2516i	0.2950+0.0945i	0.1328-0.4037i	0.2208-0.0502i
44.1	-0.2336-0.0966i	-1.8850-0.1809i	-0.8329+0.0555i	1.7893-0.8480i	0.0709+0.2414i	0.2245+0.0503i	0.0782-0.3623i	0.1770-0.0798i
44.2	-0.2179+0.0001i	-1.8912-0.1618i	-0.9261-0.0679i	1.7616-0.8076i	0.0951+0.2346i	0.2208+0.0415i	0.0472-0.3500i	0.1535-0.0867i
44.3	-0.2694-0.1292i	-1.9257-0.1575i	-0.8121+0.1392i	1.7461-0.7080i	0.1143+0.2325i	0.2095+0.0230i	-0.0223-0.3567i	0.1216-0.1180i
44.4	-0.2997+0.0472i	-1.9449-0.1096i	-0.8090-0.0897i	1.8648-0.8041i	0.1185+0.2345i	0.1886+0.0548i	-0.0028-0.2782i	0.1092-0.0787i
44.5	-0.2152+0.0641i	-1.9284-0.0875i	-0.9416-0.0029i	1.8113-0.8735i	0.1330+0.2215i	0.1764+0.0170i	-0.0092-0.2809i	0.1106-0.0917i
44.6	-0.1490+0.0242i	-1.9129-0.0559i	-0.9561+0.0911i	1.8287-0.9096i	0.1501+0.2004i	0.1575+0.0032i	-0.0090-0.2411i	0.0832-0.1061i
44.7	-0.1448-0.0211i	-1.9197-0.0489i	-0.9273+0.1455i	1.7696-1.0592i	0.1204+0.1789i	0.1745+0.0063i	0.0029-0.2308i	0.0776-0.0848i
44.8	-0.1496-0.0894i	-1.8914-0.0490i	-0.8394+0.3161i	1.5076-1.0802i	0.1205+0.1697i	0.1582-0.0189i	0.0026-0.2505i	0.0889-0.0972i
44.9	-0.1664-0.0942i	-1.9286-0.0630i	-0.8125+0.3548i	1.5709-0.9150i	0.1586+0.1819i	0.1147-0.0342i	-0.0312-0.1903i	0.0485-0.0878i
45.0	-0.2606-0.1124i	-1.9115-0.0389i	-0.4877+0.3054i	1.2699-1.0948i	0.1404+0.1888i	0.1054-0.0270i	-0.0179-0.2064i	0.0141-0.1089i
45.1	-0.2036-0.0091i	-1.9546-0.0269i	-0.6642+0.1066i	1.3980-0.6124i	0.1667+0.1833i	0.0840-0.0293i	-0.0384-0.1286i	-0.0034-0.0611i
45.2	-0.1833-0.0652i	-1.9546+0.0178i	-0.6263+0.2681i	1.4792-1.0182i	0.1839+0.1685i	0.0967-0.0193i	0.0711-0.1408i	0.0222-0.0836i
45.3	-0.2061-0.1038i	-1.9420-0.0058i	-0.5002+0.2740i	1.1052-0.9211i	0.1589+0.1479i	0.0788-0.0250i	0.0514-0.1621i	-0.0143-0.0844i
45.4	-0.2333-0.0293i	-1.9982-0.0095i	-0.5583+0.1307i	1.3474-0.6735i	0.1823+0.1650i	0.0708-0.0059i	0.0490-0.1016i	-0.0229-0.0520i
45.5	-0.1638-0.0614i	-1.9790+0.0289i	-0.6146+0.2017i	1.3541-0.8247i	0.1999+0.1502i	0.0775-0.0227i	0.1211-0.1021i	0.0036-0.0300i
45.6	-0.1602-0.1110i	-1.9890+0.0244i	-0.5899+0.2799i	1.2438-0.9202i	0.1948+0.1426i	0.0649-0.0358i	0.1567-0.1704i	-0.0029-0.0621i
45.7	-0.2271-0.0578i	-2.0179+0.0368i	-0.4931+0.1267i	1.1426-0.7282i	0.1838+0.1510i	0.0421-0.0378i	0.1642-0.1754i	-0.0242-0.0456i
45.8	-0.1262-0.0765i	-2.0080+0.0252i	-0.6248+0.1675i	0.9933-0.5930i	0.2023+0.1384i	0.0624-0.0638i	0.1802-0.2375i	-0.0055-0.0371i
45.9	-0.1565-0.1103i	-2.0812+0.0061i	-0.5457+0.2033i	1.1818-0.3455i	0.2231+0.1362i	0.0363-0.0642i	0.1526-0.2366i	0.0095-0.0461i
46.0	-0.1346-0.1196i	-2.1166+0.0364i	-0.5965+0.2567i	1.3156-0.4138i	0.2292+0.1237i	0.0221-0.0478i	0.1951-0.2537i	0.0151-0.0430i
46.1	-0.1402-0.1127i	-2.1452+0.0761i	-0.5237+0.2239i	1.3707-0.4494i	0.2424+0.1077i	0.0125-0.0497i	0.1898-0.3208i	-0.0074-0.0347i
46.2	-0.1079-0.1566i	-2.1588+0.1084i	-0.5500+0.2686i	1.3836-0.5014i	0.2362+0.0949i	0.0022-0.0738i	0.1637-0.3804i	-0.0158-0.0440i
46.3	-0.1279-0.1934i	-2.1895+0.1023i	-0.4787+0.2434i	1.3954-0.3722i	0.2426+0.0975i	-0.0102-0.0785i	0.1392-0.4022i	-0.0126-0.0456i
46.4	-0.1009-0.2129i	-2.2226+0.1499i	-0.5396+0.3280i	1.4622-0.4389i	0.2477+0.0721i	-0.0254-0.0680i	0.1105-0.4289i	-0.0116-0.0427i
46.5	-0.1202-0.2338i	-2.2258+0.2009i	-0.4008+0.2724i	1.2605-0.5922i	0.2253+0.0686i	-0.0339-0.0773i	0.0476-0.4392i	-0.0170-0.0289i
46.6	-0.1282-0.2811i	-2.2445+0.2241i	-0.3620+0.2618i	1.2109-0.4605i	0.2313+0.0686i	-0.0756-0.1141i	-0.0243-0.4564i	-0.0337-0.0381i
46.7	-0.1475-0.2946i	-2.2681+0.2480i	-0.3280+0.1541i	1.1191-0.3784i	0.2220+0.0544i	-0.0916-0.1120i	-0.0475-0.4509i	-0.0126-0.0423i
46.8	-0.1478-0.3444i	-2.3205+0.2783i	-0.3162+0.1433i	1.1727-0.2552i	0.2309+0.0534i	-0.1219-0.1019i	-0.0859-0.4545i	-0.0133-0.0525i
46.9	-0.2588-0.3466i	-2.4026+0.2570i	-0.4120-0.1046i	1.3445+0.1587i	0.2626+0.0774i	-0.1648-0.0996i	-0.1142-0.4063i	-0.0429-0.0500i
47.0	-0.2033-0.3412i	-2.4575+0.3857i	-0.6099+0.0990i	1.6454-0.1747i	0.2600+0.0251i	-0.1845-0.0515i	-0.1339-0.4131i	-0.0220-0.0576i
47.1	-0.2295-0.3827i	-2.4565+0.4690i	-0.5740+0.1430i	1.7282-0.2123i	0.2622+0.0127i	-0.1892-0.0119i	-0.1593-0.3788i	-0.0396-0.0616i
47.2	-0.2901-0.3957i	-2.4905+0.4807i	-0.4974+0.1525i	1.6587-0.3355i	0.2470+0.0026i	-0.2301+0.0004i	-0.2010-0.3681i	-0.0563-0.0552i
47.3	-0.3437-0.3958i	-2.5166+0.4895i	-0.5502+0.0054i	1.6370-0.0894i	0.2588-0.0014i	-0.2702+0.0193i	-0.2273-0.3242i	-0.0848-0.0432i
47.4	-0.3638-0.3960i	-2.5568+0.5638i	-0.6679+0.0703i	1.9278-0.1873i	0.2597-0.0115i	-0.2790+0.0709i	-0.2204-0.2873i	-0.0760-0.0321i
47.5	-0.4192-0.3518i	-2.5695+0.6552i	-0.6720+0.0875i	1.9749-0.3016i	0.2651-0.0513i	-0.2807+0.1058i	-0.2166-0.2442i	-0.0982-0.0387i
47.6	-0.3926-0.3351i	-2.6141+0.6779i	-0.7537+0.0965i	1.9800-0.3032i	0.2552-0.0469i	-0.2814+0.1497i	-0.2027-0.2256i	-0.0957-0.0318i
47.7	-0.4223-0.3575i	-2.6132+0.7538i	-0.7127+0.1710i	2.0148-0.3973i	0.2537-0.0584i	-0.2751+0.2100i	-0.1765-0.1830i	-0.1123-0.0251i
47.8	-0.4547-0.3255i	-2.6489+0.8415i	-0.7425+0.2055i	2.1865-0.5858i	0.2547-0.0774i	-0.2545+0.2369i	-0.1456-0.1703i	-0.1385-0.0092i
47.9	-0.5829-0.2444i	-2.5993+0.8546i	-0.7932+0.0185i	2.0093-0.3708i	0.2947-0.0671i	-0.2585+0.2327i	-0.0986-0.1605i	-0.1396+0.0141i
48.0	-0.3875-0.1630i	-2.6378+0.9301i	-1.0218+0.4106i	2.2726-0.4473i	0.2813-0.1316i	-0.2336+0.3100i	-0.0789-0.1965i	-0.1318+0.0029i
48.1	-0.3663-0.2539i	-2.6234+1.0714i	-0.8274+0.5699i	2.2580-0.7677i	0.2556-0.1596i	-0.1740+0.3382i	-0.0630-0.2221i	-0.1497+0.0271i
48.2	-0.3846-0.3327i	-2.5641+1.1618i	-0.6032+0.6389i	2.0120-0.9700i	0.2278-0.1979i	-0.1360+0.3479i	-0.0521-0.2377i	-0.1426+0.0690i
48.3	-0.5128-0.2592i	-2.5106+1.1600i	-0.5357+0.4454i	1.7866-0.8393i	0.2064-0.2014i	-0.1331+0.3406i	-0.0768-0.2662i	-0.1537+0.0997i
48.4	-0.4207-0.2018i	-2.5213+1.1787i	-0.5266+0.4781i	1.8313-0.8397i	0.1759-0.2290i	-0.1295+0.3653i	-0.0973-0.2951i	-0.1581+0.0986i
48.5	-0.3768-0.1640i	-2.5705+1.2089i	-0.7708+0.4027i	2.0013-0.6511i	0.1707-0.2240i	-0.1316+0.3873i	-0.0923-0.3097i	-0.1248+0.1217i
48.6	-0.3327-0.1800i	-2.5775+1.2719i	-0.7547+0.5568i	2.1175-0.8229i	0.1715-0.2492i	-0.0649+0.4065i	-0.0946-0.3564i	-0.1442+0.1146i
48.7	-0.3527-0.2066i	-2.5170+1.3307i	-0.6736+0.6285i	2.1677-0.9671i	0.0965-0.2586i	-0.0310+0.4211i	-0.1625-0.3397i	-0.1093+0.1433i
48.8	-0.2266-0.2388i	-2.4747+1.3274i	-0.6173+0.7274i	1.9474-0.9474i	0.0474-0.2335i	-0.0084+0.4459i	-0.1901-0.3175i	-0.1011+0.1460i
48.9	-0.2559-0.2680i	-2.4887+1.3672i	-0.5388+0.7027i	1.9904-1.0396i	0.0388-0.2428i	0.0331+0.4678i	-0.2375-0.2749i	-0.0884+0.1919i
49.0	-0.2221-0.3196i	-2.4585+1.3423i	-0.4887+0.7495i	1.8536-1.0411i	0.0096-0.2127i	0.0699+0.4513i	-0.2383-0.2640i	-0.0675+0.1814i
49.1	-0.2713-0.2915i	-2.4653+1.3503i	-0.4655+0.6475i	1.9186-0.8561i	0.0065-0.2028i	0.0943+0.4427i	-0.2428-0.2533i	-0.0603+0.2024i
49.2	-0.1779-0.4256i	-2.4696+1.4299i	-0.3958+0.7346i	1.9028-0.9560i	-0.0272-0.1907i	0.1345+0.4352i	-0.2390-0.2201i	-0.0345+0.1853i
49.3	-0.2200-0.4449i	-2.4762+1.4138i	-0.3735+0.6273i	1.8170-0.8188i	-0.0416-0.1458i	0.1678+0.4164i	-0.2363-0.2253i	-0.0231+0.1762i
49.4	-0.1461-0.5516i	-2.4968+1.4275i	-0.3298+0.6714i	1.7062-0.8330i	-0.0480-0.1491i	0.1822+0.3962i	-0.2428-0.2263i	0.0083+0.1593i
49.5	-0.3155-0.5948i	-2.5835+1.4463i	-0.4450+0.6513i	2.0928-0.6783i	-0.0492-0.1452i	0.1657+0.4011i	-0.2641-0.1656i	0.0036+0.1838i
49.6	-0.2942-0.5872i	-2.5844+1.5502i	-0.3888+0.7440i	2.0726-0.8603i	-0.0762-0.1111i	0.1989+0.4123i	-0.2390-0.1466i	0.0222+0.1770i
49.7	-0.3409-0.6473i	-2.6069+1.6248i	-0.2912+0.8161i	1.9630-0.9543i	-0.0706-0.0651i	0.2408+0.4258i	-0.2142-0.1288i	0.0243+0.1552i

49.8	-0.3003-0.6860i	-2.6161+1.6768i	-0.1989+0.8058i	1.8426-0.9521i	-0.0754-0.0649i	0.2758+0.3919i	-0.1929-0.1606i	0.0188+0.1525i
49.9	-0.4502-0.7823i	-2.6826+1.6697i	-0.2445+0.6839i	1.9484-0.7762i	-0.0719-0.0563i	0.2560+0.3689i	-0.2157-0.1462i	0.0325+0.1722i
50.0	-0.5132-0.8719i	-2.6966+1.7915i	-0.1076+0.8655i	2.0047-0.9986i	-0.0592-0.0443i	0.2766+0.3616i	-0.1872-0.1047i	0.0422+0.1510i
50.1	-0.5840-0.6826i	-2.7572+1.8235i	-0.2359+0.6902i	2.1949-0.8521i	-0.0377-0.0290i	0.2841+0.3788i	-0.1645-0.0839i	0.0360+0.1617i
50.2	-0.5354-0.7527i	-2.7710+1.9497i	-0.1807+0.8264i	2.2385-1.0091i	-0.0409-0.0294i	0.3504+0.3890i	-0.1625-0.0953i	0.0528+0.1658i
50.3	-0.6058-0.9128i	-2.7581+2.0206i	-0.0054+0.8938i	2.0304-1.0342i	-0.0557+0.0034i	0.3766+0.3632i	-0.1439-0.0757i	0.0464+0.1579i
50.4	-0.8324-0.8893i	-2.7650+2.0932i	0.1706+0.7513i	1.9615-0.9805i	-0.0498+0.0396i	0.3990+0.3413i	-0.0951-0.0907i	0.0428+0.1639i
50.5	-0.8945-0.8154i	-2.7389+2.1002i	0.1654+0.6096i	1.8966-0.7619i	-0.0136+0.0788i	0.4203+0.3147i	-0.0620-0.1218i	0.0247+0.1481i
50.6	-1.0396-0.7113i	-2.9136+2.1189i	0.0719+0.4961i	2.2026-0.5057i	0.0485+0.0531i	0.4294+0.2823i	-0.0117-0.1353i	0.0250+0.1946i
50.7	-0.8344-0.6137i	-2.9732+2.2627i	-0.0686+0.6444i	2.3155-0.7360i	0.0416+0.0202i	0.4156+0.2733i	0.0002-0.2031i	0.0491+0.1927i
50.8	-0.7713-0.7448i	-2.8978+2.3850i	0.0472+0.6858i	2.1454-0.7267i	0.0462+0.0113i	0.4426+0.2516i	-0.0226-0.2571i	0.0637+0.1793i
50.9	-1.0787-0.8927i	-2.9812+2.5145i	0.2145+0.7864i	2.4278-0.6688i	0.0566+0.0172i	0.4594+0.2505i	-0.0357-0.2566i	0.0759+0.1952i
51.0	-1.1864-0.6577i	-2.9309+2.5819i	0.3221+0.5196i	2.3466-0.5714i	0.0600+0.0157i	0.4579+0.2176i	-0.0319-0.2691i	0.0831+0.2135i
51.1	-1.1078-0.6300i	-2.9998+2.7086i	0.1862+0.5492i	2.6545-0.6194i	0.0962+0.0146i	0.4988+0.2669i	-0.0361-0.3134i	0.0795+0.2119i
51.2	-1.1566-0.6447i	-2.9969+2.8005i	0.2922+0.5537i	2.6423-0.6110i	0.0879+0.0077i	0.5112+0.2420i	-0.0546-0.3429i	0.0959+0.2104i
51.3	-1.2149-0.5368i	-3.0058+2.9196i	0.3217+0.3964i	2.7440-0.5517i	0.0968-0.0053i	0.5466+0.2280i	-0.0633-0.3734i	0.1130+0.2032i
51.4	-1.2544-0.5244i	-3.0162+3.1120i	0.3192+0.4107i	2.9928-0.5820i	0.1123+0.0000i	0.6057+0.2256i	-0.0981-0.3679i	0.0974+0.2231i
51.5	-1.3610-0.5257i	-2.9950+3.2227i	0.4358+0.3729i	3.1767-0.5941i	0.1398+0.0016i	0.6263+0.1932i	-0.0644-0.3725i	0.0778+0.2306i
51.6	-1.4798-0.3622i	-2.9443+3.3481i	0.5414+0.1118i	3.3312-0.5658i	0.1721-0.0463i	0.6197+0.1473i	-0.0401-0.4211i	0.1228+0.2589i
51.7	-1.3171-0.2120i	-3.0130+3.5335i	0.2471-0.0044i	3.7261-0.5840i	0.1687-0.0821i	0.6775+0.1785i	0.0077-0.4750i	0.1597+0.2585i
51.8	-1.3619-0.3132i	-3.0513+3.7059i	0.3214+0.0223i	3.9877-0.6783i	0.1704-0.1371i	0.7735+0.1563i	0.0030-0.5917i	0.1856+0.2839i
51.9	-1.3969-0.0355i	-3.0894+3.9172i	0.0781-0.1876i	4.5379-0.9421i	0.1640-0.2127i	0.8448+0.1285i	-0.0023-0.7415i	0.2316+0.2728i
52.0	-1.3349-0.0683i	-3.1146+4.1719i	0.0296-0.0441i	4.8802-1.4604i	0.1399-0.2355i	0.9461+0.0038i	-0.1454-0.8586i	0.2693+0.2576i
52.1	-1.3464+0.0577i	-3.0638+4.5055i	0.0136-0.1261i	5.0008-2.0882i	0.1134-0.2383i	1.0081-0.1696i	-0.2943-0.9312i	0.2919+0.2107i
52.2	-0.9682-0.0746i	-2.8245+4.6496i	-0.3634-0.0006i	4.7660-2.2945i	0.0658-0.2676i	0.8914-0.3302i	-0.5147-0.9204i	0.3132+0.1822i
52.3	-1.5338+0.0189i	-2.7440+4.9321i	0.0361+0.0920i	4.9960-2.7688i	0.0861-0.3093i	0.8924-0.4164i	-0.5170-0.8579i	0.3237+0.2064i
52.4	-1.1409+0.2441i	-2.4621+5.1636i	-0.1679-0.0282i	4.6569-3.3328i	-0.0409-0.4007i	0.7703-0.5203i	-0.6974-0.9300i	0.3580+0.1828i
52.5	-1.0880-0.0693i	-2.2028+5.2832i	-0.0717+0.2588i	4.2677-3.6073i	-0.1535-0.2922i	0.6922-0.5628i	-0.8471-0.8255i	0.3114+0.1029i
52.6	-1.4530+0.0601i	-2.1333+5.3658i	0.1374-0.0494i	4.4028-3.5182i	-0.1550-0.2739i	0.6285-0.6093i	-0.9554-0.8241i	0.3499+0.1509i
52.7	-1.2615+0.4527i	-1.9897+5.6297i	-0.1901-0.2888i	4.4651-3.9015i	-0.2685-0.3136i	0.5489-0.6020i	-1.1590-0.8121i	0.4061+0.1137i
52.8	-0.9485+0.4286i	-1.8346+5.8390i	-0.5910-0.1232i	4.4564-4.2807i	-0.3574-0.2304i	0.5203-0.5557i	-1.3277-0.6577i	0.3867+0.0646i
52.9	-0.9551+0.2570i	-1.5123+6.0093i	-0.3057+0.1015i	4.0430-4.6441i	-0.3883-0.1298i	0.5081-0.6567i	-1.4540-0.4590i	0.3817+0.0890i
53.0	-0.9008+0.2893i	-1.2316+6.0257i	-0.3714-0.1114i	3.6753-4.7400i	-0.3667-0.0138i	0.3922-0.6814i	-1.4663-0.1889i	0.3899+0.0417i
53.1	-0.9368+0.2740i	-1.0380+6.1365i	-0.5360+0.0511i	3.8155-4.9685i	-0.3416+0.0548i	0.3384-0.7024i	-1.5010+0.0653i	0.4054+0.0249i
53.2	-0.8049+0.3880i	-0.8206+6.3760i	-0.6120+0.0310i	3.6519-5.4325i	-0.3130+0.0728i	0.3490-0.7504i	-1.3791+0.1861i	0.4456-0.0173i
53.3	-0.6924+0.3013i	-0.4897+6.4655i	-0.6926+0.1213i	3.3225-5.7204i	-0.2863+0.1101i	0.2895-0.7806i	-1.2963+0.2327i	0.4391-0.0718i
53.4	-0.6833+0.2106i	-0.0576+6.5417i	-0.6447+0.2699i	2.8907-6.0493i	-0.2081+0.2407i	0.1728-0.8573i	-1.1606+0.4564i	0.4072-0.1299i
53.5	-0.6589+0.4362i	0.1314+6.4732i	-0.8223+0.1302i	2.6031-5.9402i	-0.1017+0.2194i	0.0756-0.8865i	-1.0742+0.3855i	0.3897-0.0906i
53.6	-0.2280+0.1101i	0.5132+6.4687i	-1.0572+0.6622i	2.1135-6.1849i	-0.0419+0.1454i	-0.0705-0.8439i	-1.0602+0.3947i	0.3904-0.0816i
53.7	-0.3859-0.0329i	0.5795+6.4521i	-0.7707+0.7077i	1.8297-6.1468i	-0.0382+0.0904i	-0.2133-0.7276i	-1.0392+0.4259i	0.4300-0.1075i
53.8	-0.2998-0.1993i	0.8028+6.5498i	-0.8149+0.9096i	1.7832-6.2001i	-0.0678+0.0385i	-0.2482-0.5836i	-1.0939+0.5302i	0.4547-0.1492i
53.9	-0.3910-0.4763i	1.2864+6.6515i	-0.5556+1.1999i	1.3653-6.3843i	-0.1084+0.0212i	-0.1655-0.4555i	-1.0406+0.6229i	0.4381-0.1992i
54.0	-0.6555-0.6385i	1.8530+6.5095i	-0.1177+1.2333i	0.7436-6.4588i	-0.1414+0.0417i	-0.0742-0.4914i	-0.9281+0.7051i	0.3779-0.2248i
54.1	-1.0221-0.3771i	2.3009+6.1538i	0.2663+0.6975i	0.0605-6.2446i	-0.1299+0.0548i	-0.1603-0.6174i	-0.8419+0.7239i	0.4047-0.2231i
54.2	-0.5422-0.2449i	2.3417+5.7727i	-0.5633+0.7167i	0.1180-5.8484i	-0.1672+0.0124i	-0.2967-0.4940i	-0.8990+0.7385i	0.3933-0.3057i
54.3	-0.8980-0.3098i	2.6081+5.5588i	0.0101+0.5957i	-0.4577-5.5558i	-0.1448+0.1016i	-0.3231-0.4643i	-0.6496+0.8440i	0.3219-0.3166i
54.4	-0.8513-0.2272i	2.6413+5.3918i	-0.1912+0.5950i	-0.3960-5.2991i	-0.1117+0.0828i	-0.3487-0.4038i	-0.5599+0.8059i	0.3159-0.3522i
54.5	-0.7445-0.2945i	2.7089+5.2747i	-0.2784+0.7319i	-0.2526-5.2027i	-0.1608+0.0868i	-0.3639-0.3421i	-0.5544+0.8468i	0.3207-0.3820i
54.6	-0.7024-0.4412i	2.8371+5.0855i	-0.3205+0.9557i	-0.4495-5.1252i	-0.1773+0.1323i	-0.3571-0.2938i	-0.4948+0.9006i	0.2785-0.4005i
54.7	-0.8156-0.5884i	2.9037+4.9600i	0.0410+1.1410i	-0.6183-5.0819i	-0.1702+0.1727i	-0.3041-0.2829i	-0.4081+0.9029i	0.2175-0.4343i
54.8	-1.0024-0.4005i	3.0600+4.8150i	0.2082+0.6436i	-0.7247-4.9443i	-0.1496+0.2261i	-0.3552-0.2444i	-0.3377+0.8683i	0.2197-0.4446i
54.9	-0.8167-0.4238i	3.1243+4.5721i	-0.1952+0.7564i	-0.7541-4.7986i	-0.1036+0.2311i	-0.3167-0.1345i	-0.3263+0.8812i	0.1758-0.4904i
55.0	-0.8736-0.5459i	3.2163+4.4415i	-0.0631+0.9271i	-0.8602-4.7097i	-0.0859+0.2152i	-0.2567-0.1102i	-0.2488+0.8539i	0.1406-0.5000i
55.1	-0.9903-0.5927i	3.3095+4.3077i	0.1185+0.9598i	-0.9540-4.5606i	-0.0612+0.2291i	-0.2207-0.0898i	-0.2218+0.8224i	0.0854-0.4821i
55.2	-1.1031-0.5720i	3.4111+4.2377i	0.2828+0.7803i	-1.0332-4.4752i	-0.0593+0.2064i	-0.2160-0.1009i	-0.1539+0.7758i	0.0498-0.4258i
55.3	-1.1138-0.5580i	3.4945+4.0106i	0.2475+0.7298i	-1.1008-4.2525i	-0.0266+0.2077i	-0.1807-0.0957i	-0.1087+0.7748i	0.0196-0.3997i
55.4	-1.1694-0.5252i	3.5152+3.8479i	0.2743+0.6261i	-1.1640-4.2294i	-0.0346+0.1724i	-0.1774-0.1256i	-0.0619+0.7282i	0.0025-0.3871i
55.5	-1.1407-0.4845i	3.5889+3.7182i	0.1946+0.5257i	-1.2556-4.1811i	-0.0781+0.2229i	-0.2015-0.1138i	-0.0687+0.7094i	-0.0002-0.3906i
55.6	-1.1763-0.5296i	3.6754+3.5422i	0.0828+0.6211i	-1.3106-3.9830i	-0.0584+0.2648i	-0.1904-0.0227i	-0.0508+0.7261i	-0.0136-0.3946i
55.7	-1.1874-0.5632i	3.5733+3.3680i	0.1184+0.7710i	-1.2288-3.9059i	-0.0478+0.2365i	-0.1095-0.0415i	-0.0405+0.6932i	-0.0664-0.3767i
55.8	-1.2600-0.5675i	3.6072+3.2285i	0.1866+0.7278i	-1.2461-3.7775i	-0.0405+0.2385i	-0.0951-0.0798i	-0.0081+0.6699i	-0.0803-0.3428i
55.9	-1.3660-0.5967i	3.6600+3.1141i	0.2805+0.7530i	-1.2201-3.6765i	-0.0171+0.2931i	-0.1068-0.1040i	0.0542+0.6830i	-0.1026-0.3455i
56.0	-1.4429-0.5657i	3.6630+2.9625i	0.3241+0.6915i	-1.1543-3.7300i	0.0031+0.2807i	-0.1145-0.1255i	0.0795+0.6550i	-0.1313-0.3152i

56.1	−1.4708−0.5149i	3.6308+2.8154i	0.2998+0.6006i	−1.1910−3.5950i	−0.0054+0.3030i	−0.1530−0.0932i	0.0529+0.6427i	−0.0990−0.3199i
56.2	−1.4971−0.5627i	3.6093+2.6955i	0.3075+0.7628i	−1.1969−3.5575i	0.0346+0.3369i	−0.1393−0.1000i	0.1068+0.6167i	−0.1692−0.3276i
56.3	−1.6116−0.5603i	3.7065+2.5995i	0.4129+0.7564i	−1.2700−3.5191i	0.0712+0.3481i	−0.1208−0.0993i	0.1444+0.6177i	−0.1867−0.3090i
56.4	−1.6632−0.5464i	3.6970+2.5206i	0.4251+0.8269i	−1.2774−3.3574i	0.1004+0.3467i	−0.1084−0.0954i	0.1686+0.5930i	−0.1938−0.2950i
56.5	−1.6898−0.5522i	3.5383+2.4338i	0.5257+0.8108i	−1.2210−3.1797i	0.1254+0.3549i	−0.1070−0.0841i	0.1933+0.5511i	−0.1889−0.2668i
56.6	−1.8486−0.4830i	3.5633+2.3088i	0.6924+0.7237i	−1.0774−3.1033i	0.1707+0.3167i	−0.1026−0.0930i	0.2298+0.5248i	−0.1880−0.2487i
56.7	−1.9237−0.3449i	3.5751+2.1962i	0.7423+0.5544i	−1.0653−3.2911i	0.1899+0.3206i	−0.1292−0.0824i	0.2295+0.5021i	−0.2010−0.2424i
56.8	−1.9334−0.3042i	3.5100+2.1260i	0.7567+0.4961i	−1.1609−3.2207i	0.2135+0.3410i	−0.1280−0.0530i	0.2545+0.4752i	−0.2051−0.2335i
56.9	−1.9901−0.2125i	3.4540+2.0791i	0.8000+0.3802i	−1.2181−3.1974i	0.2200+0.3332i	−0.1397−0.0390i	0.2726+0.4315i	−0.2059−0.2260i
57.0	−2.0165−0.0823i	3.4171+1.9652i	0.8885+0.1919i	−1.2160−3.2621i	0.2520+0.3221i	−0.1632−0.0275i	0.2764+0.3732i	−0.2065−0.2281i
57.1	−2.0156+0.0181i	3.4474+2.0253i	0.9109+0.1034i	−1.2903−3.1966i	0.2792+0.2979i	−0.1473−0.0178i	0.2848+0.3480i	−0.2179−0.2188i
57.2	−2.0115+0.1635i	3.4240+2.0179i	0.8239−0.1433i	−1.4212−3.1957i	0.3124+0.2904i	−0.1534+0.0132i	0.2656+0.2926i	−0.2355−0.2089i
57.3	−1.8529+0.2976i	3.4280+1.9396i	0.5174−0.2058i	−1.4038−3.1477i	0.3600+0.2558i	−0.0627+0.0253i	0.2186+0.2649i	−0.2990−0.1842i
57.4	−1.7113+0.2696i	3.4417+1.8422i	0.5293−0.2286i	−1.5607−3.0467i	0.3767+0.2030i	−0.0446−0.0386i	0.2097+0.2551i	−0.2825−0.1480i
57.5	−1.6177+0.2706i	3.3949+1.7776i	0.4139−0.2848i	−1.5138−2.9607i	0.3514+0.1616i	−0.0548−0.0230i	0.1942+0.2229i	−0.2953−0.1274i
57.6	−1.6228+0.2403i	3.3851+1.7663i	0.3380−0.3372i	−1.3631−2.9982i	0.3530+0.1394i	−0.0636−0.0424i	0.1629+0.2311i	−0.2754−0.1112i
57.7	−1.5909+0.1791i	3.3841+1.7968i	0.2281−0.3425i	−1.4391−2.9679i	0.3569+0.1089i	−0.0888−0.0493i	0.1563+0.2392i	−0.2825−0.0888i
57.8	−1.5338+0.1599i	3.3897+1.6475i	0.1293−0.3545i	−1.4790−2.9112i	0.3565+0.1005i	−0.0713−0.0560i	0.1479+0.2344i	−0.2818−0.0507i
57.9	−1.5428+0.1652i	3.4454+1.5331i	0.0507−0.3737i	−1.4552−2.8148i	0.3451+0.0663i	−0.0803−0.0614i	0.1358+0.2299i	−0.2709−0.0300i
58.0	−1.5195+0.0819i	3.3654+1.5062i	−0.0479−0.2133i	−1.4494−2.6167i	0.3092+0.0763i	−0.0936−0.0433i	0.0988+0.1917i	−0.2575−0.0157i
58.1	−1.5707+0.0435i	3.2506+1.5666i	−0.2712−0.1877i	−1.2647−2.6110i	0.3046+0.0686i	−0.0919−0.0117i	0.0876+0.2519i	−0.2472−0.0462i
58.2	−1.6424+0.0168i	3.4245+1.5663i	−0.0281−0.1288i	−1.3144−2.7972i	0.3250+0.0958i	−0.0446−0.0346i	0.1319+0.2620i	−0.2907+0.0052i
58.3	−1.6738+0.0161i	3.3525+1.4391i	−0.1494−0.2167i	−1.3188−2.7211i	0.3314+0.0474i	−0.0454−0.0545i	0.1331+0.2419i	−0.2844−0.0050i
58.4	−1.6579−0.0446i	3.3195+1.4096i	−0.2507−0.1897i	−1.2146−2.5882i	0.3423+0.0328i	−0.0423−0.0489i	0.1037+0.2380i	−0.2845+0.0349i
58.5	−1.7120−0.0928i	3.3250+1.3419i	−0.1159−0.0384i	−1.2421−2.4984i	0.3259+0.0197i	−0.0477−0.0995i	0.1113+0.2260i	−0.2579+0.0852i
58.6	−1.8103+0.0174i	3.3685+1.2381i	−0.2132−0.2403i	−1.2340−2.5819i	0.3275−0.0143i	−0.0809−0.1062i	0.1030+0.2170i	−0.2221+0.0986i
58.7	−1.8484+0.0053i	3.4328+1.3628i	−0.2634−0.1043i	−1.1245−2.6195i	0.3009−0.0176i	−0.1017−0.1052i	0.1002+0.2331i	−0.2106+0.1258i
58.8	−1.8442+0.0208i	3.2615+1.4038i	−0.4705−0.0753i	−1.1811−2.8006i	0.2720+0.0005i	−0.1437−0.0650i	0.0715+0.2611i	−0.1652+0.1631i
58.9	−1.8926+0.0902i	3.3167+1.2561i	−0.5833−0.0814i	−1.1172−2.8397i	0.2816−0.0137i	−0.1585−0.0903i	0.0602+0.3070i	−0.1187+0.1515i
59.0	−1.9287+0.0852i	3.3846+1.2230i	−0.6135−0.0666i	−1.1642−2.5090i	0.0566−0.0672i	−0.3044−0.0942i	0.0611+0.1968i	−0.0419+0.0732i
59.1	−2.0029+0.0695i	3.2758+1.3420i	−0.7462+0.1939i	−0.9721−2.6873i	0.2549+0.1005i	−0.1501+0.0638i	−0.0873+0.3988i	−0.0808+0.0999i
59.2	−2.0156+0.1067i	3.2507+1.1659i	−0.8013+0.0547i	−1.1441−2.9145i	0.2258+0.0280i	−0.1809+0.0196i	0.0639+0.3593i	−0.0338+0.0708i
59.3	−2.0116+0.0904i	3.3420+1.2118i	−0.7512+0.1532i	−1.0864−2.8086i	0.1897+0.0154i	−0.1492+0.0194i	0.0873+0.3686i	−0.0169+0.0378i
59.4	−2.0330+0.1176i	3.2410+1.1186i	−0.9224+0.1859i	−1.1746−2.8529i	0.2251+0.0227i	−0.1449+0.0378i	0.1116+0.3939i	−0.0117+0.0117i
59.5	−2.0743+0.0941i	3.5194+1.2014i	−0.6845+0.2612i	−1.0769−3.0016i	0.2106+0.0370i	−0.1480+0.0158i	0.1389+0.4041i	−0.0596−0.0192i
59.6	−2.1096+0.1179i	3.3340+1.3487i	−0.8838+0.5774i	−1.1733−2.9169i	0.2596+0.0573i	−0.1323+0.0190i	0.1791+0.4447i	−0.0847−0.0357i
59.7	−2.1154+0.1648i	3.2842+1.0080i	−0.9808+0.4114i	−1.3072−3.0147i	0.2373+0.1123i	−0.1355+0.0731i	0.1687+0.4297i	−0.1138−0.0465i
59.8	−2.1891+0.1448i	3.3720+1.1442i	−0.9310+0.5328i	−1.1648−3.0839i	0.2663+0.0178i	−0.1049+0.0421i	0.2702+0.4310i	−0.1093−0.0541i
59.9	−2.1860+0.2132i	3.5719+0.6055i	−0.7869+0.2219i	−1.0741−3.1176i	0.2227+0.0949i	−0.1182+0.0942i	0.2062+0.4339i	−0.1295−0.0428i
60.0	−2.2490+0.4362i	15.8551−0.2236i	10.9415−0.3634i	4.6975−3.2358i	0.3241+0.1152i	−0.0481+0.0990i	0.3378+0.5338i	−0.0933−0.0554i
60.1	−2.3098+0.3103i	4.2317+1.7791i	−0.2648+1.6632i	−1.0704−2.7525i	0.3881+0.1174i	−0.0747+0.1140i	0.4202+0.5306i	−0.1904−0.0814i
60.2	−2.3098+0.2651i	3.3669+1.2517i	−0.9436+1.2342i	−1.3290−3.0091i	0.4157+0.1669i	−0.0128+0.1781i	0.4266+0.5187i	−0.2185−0.0779i
60.3	−2.3121+0.2925i	3.5412+1.2309i	−0.8142+1.3509i	−1.5215−2.9042i	0.4884+0.1639i	0.0418+0.2119i	0.5098+0.4970i	−0.2484−0.0793i
60.4	−2.3347+0.3566i	3.3981+0.9980i	−0.9279+1.3283i	−1.5211−3.2111i	0.5241+0.1106i	0.0904+0.1748i	0.6097+0.4895i	−0.2787−0.0720i
60.5	−2.3365+0.3721i	3.5702+0.8761i	−0.6287+1.3478i	−1.4569−3.2426i	0.5864+0.1006i	0.1537+0.1747i	0.7100+0.4750i	−0.3214−0.0545i
60.6	−2.3327+0.3749i	3.5691+0.8159i	−0.5164+1.3609i	−1.4907−3.0814i	0.6332+0.0410i	0.2508+0.1363i	0.8121+0.3559i	−0.3908−0.0024i
60.7	−2.4232+0.3090i	3.8072+0.9021i	−0.3159+1.4548i	−1.2396−2.9660i	0.7026−0.0323i	0.3418+0.0241i	0.8570+0.2159i	−0.4509+0.0854i
60.8	−2.5265+0.3230i	3.7782+0.9144i	−0.3287+1.4991i	−1.2706−3.1090i	0.7171−0.1632i	0.3178−0.1775i	0.8903+0.0443i	−0.4625+0.2119i
60.9	−2.5460+0.4607i	3.8355+0.6981i	−0.1095+1.4106i	−1.5234−3.4172i	0.6821−0.2403i	0.1888−0.2918i	0.7906−0.1100i	−0.3899+0.3336i
61.0	−2.6096+0.4789i	3.8583+0.7582i	−0.1264+1.3996i	−1.5888−3.3277i	0.6216−0.2809i	0.0783−0.2717i	0.6922−0.1138i	−0.2974+0.3609i
61.1	−2.6778+0.5342i	3.9501+0.6221i	−0.1817+1.4026i	−1.4797−3.2576i	0.5953−0.3132i	0.0303−0.2826i	0.6642−0.1018i	−0.2565+0.3288i
61.2	−2.7331+0.6317i	4.0194+0.5697i	−0.1444+1.4974i	−1.5247−3.4703i	0.5964−0.3314i	−0.0256−0.2768i	0.6840−0.1355i	−0.2569+0.3474i
61.3	−2.7574+0.6834i	4.0321+0.4691i	−0.0897+1.5506i	−1.5573−3.4505i	0.5730−0.3709i	−0.0527−0.2165i	0.6702−0.1552i	−0.2169+0.3751i
61.4	−2.6841+0.7209i	4.0087+0.4386i	−0.0390+1.5679i	−1.7356−3.3025i	0.5571−0.3648i	−0.0628−0.2182i	0.6260−0.1769i	−0.1977+0.3552i
61.5	−2.7109+0.7981i	3.9942+0.4293i	0.0165+1.6709i	−1.7232−3.5663i	0.5173−0.3954i	−0.0790−0.2510i	0.6417−0.2255i	−0.1800+0.3623i
61.6	−2.7597+0.8803i	4.0649+0.2981i	0.1275+1.7579i	−1.7239−3.6503i	0.5040−0.4314i	−0.0853−0.2345i	0.6466−0.2725i	−0.1390+0.3764i
61.7	−2.8239+0.8909i	4.1317+0.2665i	0.1924+1.8097i	−1.7429−3.6323i	0.4879−0.4598i	−0.1244−0.2375i	0.6375−0.3086i	−0.1325+0.3927i
61.8	−2.8386+0.9248i	4.1387+0.1747i	0.2889+1.8254i	−1.7892−3.6744i	0.5033−0.4889i	−0.1559−0.2175i	0.6062−0.3376i	−0.1052+0.3930i
61.9	−2.8546+0.9471i	4.2289+0.1785i	0.4408+1.8645i	−1.7368−3.6652i	0.4630−0.5177i	−0.1846−0.2056i	0.5981−0.3628i	−0.1207+0.3910i
62.0	−2.9042+1.0297i	4.2435+0.0974i	0.5200+1.9383i	−1.7708−3.8503i	0.4375−0.5426i	−0.2203−0.2122i	0.5875−0.4351i	−0.1088+0.4567i
62.1	−2.9644+1.1454i	4.3068−0.0370i	0.7088+2.0277i	−1.8863−3.9830i	0.4138−0.6067i	−0.2108−0.2447i	0.5428−0.4623i	−0.0346+0.4809i
62.2	−2.9664+1.1712i	4.3602−0.0905i	0.8162+1.9800i	−2.0168−3.8991i	0.3565−0.6311i	−0.2382−0.2783i	0.5038−0.4874i	−0.0072+0.4425i
62.3	−2.9487+1.2176i	4.3457−0.1881i	0.9648+1.9602i	−2.2346−4.0765i	0.3343−0.6114i	−0.3062−0.2528i	0.4769−0.5437i	0.0193+0.4463i

62.4	−2.9878+1.2478i	4.3665−0.2567i	1.0879+1.9134i	−2.3461−4.0398i	0.3125−0.6185i	−0.3320−0.2378i	0.4269−0.5941i	0.0932+0.4581i
62.5	−3.0686+1.3286i	4.4648−0.3515i	1.1933+1.8766i	−2.3792−4.0778i	0.2404−0.6493i	−0.3731−0.1994i	0.4056−0.6326i	0.1048+0.4599i
62.6	−3.1275+1.4569i	4.5291−0.5127i	1.3927+1.8319i	−2.4945−4.1094i	0.2239−0.6641i	−0.4607−0.1491i	0.3405−0.6886i	0.1401+0.4715i
62.7	−3.1320+1.5290i	4.5438−0.6673i	1.5238+1.7693i	−2.4619−4.1752i	0.1951−0.6475i	−0.5044−0.0737i	0.2963−0.7061i	0.1646+0.4472i
62.8	−3.1231+1.5529i	4.5188−0.6988i	1.6119+1.7182i	−2.5920−4.1395i	0.1931−0.6079i	−0.4845+0.0045i	0.2176−0.6849i	0.2101+0.4539i
62.9	−3.1651+1.5691i	4.5390−0.7263i	1.6752+1.6099i	−2.7156−4.2168i	0.2148−0.6085i	−0.4822+0.0347i	0.1554−0.7085i	0.2183+0.4398i
63.0	−3.2037+1.6842i	4.5924−0.8563i	1.8010+1.5197i	−2.8899−4.3399i	0.1931−0.6325i	−0.5100+0.1159i	0.0913−0.7338i	0.2485+0.4493i
63.1	−3.2053+1.7744i	4.5652−0.9134i	1.9396+1.3856i	−3.1846−4.4710i	0.1863−0.6494i	−0.4832+0.1925i	0.0359−0.7268i	0.2836+0.4468i
63.2	−3.2277+1.8209i	4.4720−0.9982i	1.9467+1.2817i	−3.2448−4.5092i	0.1750−0.6839i	−0.4747+0.2103i	−0.0160−0.6980i	0.3270+0.4391i
63.3	−3.2855+1.9753i	4.5648−1.2006i	2.0093+1.2218i	−3.4274−4.4881i	0.1565−0.7111i	−0.4484+0.3055i	−0.0886−0.7111i	0.3895+0.4152i
63.4	−3.3294+2.0815i	4.6399−1.3333i	2.1074+1.0966i	−3.5570−4.5080i	0.1668−0.7504i	−0.4051+0.3327i	−0.1539−0.6845i	0.4611+0.4067i
63.5	−3.4055+2.2584i	4.7397−1.4818i	2.2009+0.9879i	−3.7170−4.6240i	0.1198−0.8006i	−0.3819+0.3965i	−0.1955−0.6688i	0.5211+0.3716i
63.6	−3.3359+2.4613i	4.6198−1.6596i	2.2484+0.9068i	−4.1798−4.7320i	0.0196−0.8429i	−0.3307+0.4768i	−0.2401−0.6706i	0.5507+0.3391i
63.7	−3.3339+2.4989i	4.5237−1.6671i	2.2532+0.8008i	−4.3127−4.8986i	−0.0218−0.8633i	−0.3013+0.4842i	−0.2789−0.6196i	0.5851+0.2670i
63.8	−3.2602+2.6124i	4.4342−1.8219i	2.2845+0.6653i	−4.4788−4.6539i	−0.0786−0.8518i	−0.2675+0.5109i	−0.3156−0.5614i	0.5771+0.1988i
63.9	−3.2230+2.6495i	4.4141−1.8703i	2.3225+0.4945i	−4.7561−4.3715i	−0.1527−0.8473i	−0.2291+0.5569i	−0.3383−0.5139i	0.5602+0.1707i
64.0	−3.3128+2.9058i	4.5026−2.1057i	2.3621+0.3928i	−5.1054−4.5866i	−0.2170−0.8825i	−0.2011+0.6300i	−0.3544−0.4986i	0.5736+0.1051i
64.1	−3.3068+2.9933i	4.5080−2.1706i	2.4469+0.2462i	−5.3998−4.5140i	−0.2742−0.8720i	−0.1120+0.6023i	−0.3941−0.4955i	0.5639+0.0913i
64.2	−3.1699+3.0809i	4.3326−2.2737i	2.4060+0.1235i	−5.5322−4.4042i	−0.3528−0.8352i	−0.0294+0.5964i	−0.4222−0.4594i	0.5277+0.0173i
64.3	−3.1698+3.2018i	4.3383−2.3333i	2.4303+0.0384i	−5.8036−4.2601i	−0.4233−0.7943i	0.0313+0.6103i	−0.4730−0.4000i	0.5124−0.0010i
64.4	−3.0135+3.3725i	4.1566−2.4974i	2.3624−0.2015i	−6.2550−3.8579i	−0.4859−0.7314i	0.1631+0.6431i	−0.4999−0.2983i	0.5070−0.0989i
64.5	−2.9291+3.5471i	4.1170−2.7206i	2.4430−0.4108i	−6.5876−3.7587i	−0.5699−0.7015i	0.2306+0.5700i	−0.4904−0.2309i	0.4423−0.1582i
64.6	−2.9791+3.5456i	4.1502−2.6644i	2.3823−0.5563i	−6.7065−3.5482i	−0.5816−0.6109i	0.2517+0.5366i	−0.4350−0.1760i	0.3738−0.1506i
64.7	−2.8015+3.7314i	3.9964−2.8624i	2.2773−0.7411i	−7.0358−3.1904i	−0.5927−0.5397i	0.3640+0.4936i	−0.3731−0.1775i	0.3157−0.1169i
64.8	−2.7367+3.8393i	3.9316−3.0219i	2.2095−0.9755i	−7.1981−2.9250i	−0.6052−0.5129i	0.4292+0.4250i	−0.3426−0.1805i	0.3122−0.0851i
64.9	−2.5690+3.9541i	3.8301−3.1680i	2.0708−1.0846i	−7.3087−2.5374i	−0.5937−0.4643i	0.4699+0.3506i	−0.3329−0.2011i	0.3170−0.0370i
65.0	−2.4723+4.0097i	3.7188−3.2194i	1.8569−1.2056i	−7.3404−2.0223i	−0.6004−0.4178i	0.4844+0.2815i	−0.3521−0.2129i	0.3255−0.0082i
65.1	−2.4568+4.1230i	3.7026−3.3008i	1.7115−1.3110i	−7.4211−1.7764i	−0.5988−0.4032i	0.4738+0.2172i	−0.3845−0.2340i	0.3683+0.0158i
65.2	−2.4227+4.2314i	3.6706−3.4826i	1.6250−1.4003i	−7.4608−1.5180i	−0.6079−0.3878i	0.4223+0.1509i	−0.4242−0.2634i	0.3895+0.0389i
65.3	−2.1655+4.2843i	3.4307−3.5757i	1.4158−1.4321i	−7.3054−1.0178i	−0.6013−0.3315i	0.4235+0.1190i	−0.4691−0.2122i	0.4507+0.0240i
65.4	−2.1201+4.2287i	3.3068−3.4841i	1.1587−1.4367i	−7.0069−0.6897i	−0.5900−0.3043i	0.3974+0.0975i	−0.4897−0.1573i	0.4777−0.0202i
65.5	−2.0491+4.3112i	3.2399−3.5412i	0.9289−1.3955i	−6.7682−0.5700i	−0.5915−0.2781i	0.4120+0.0602i	−0.5012−0.1273i	0.5037−0.0058i
65.6	−1.7736+4.3422i	2.9617−3.5756i	0.7566−1.3179i	−6.7469−0.3287i	−0.5979−0.2316i	0.4137−0.0029i	−0.4832−0.0544i	0.5308−0.0802i
65.7	−1.7208+4.4953i	2.9327−3.7084i	0.6290−1.3696i	−6.7715−0.1815i	−0.6191−0.2143i	0.3885−0.0207i	−0.4865−0.0524i	0.5524−0.1218i
65.8	−1.7132+4.5538i	2.9615−3.7418i	0.5589−1.2544i	−6.6707−0.1690i	−0.6159−0.2027i	0.3497+0.0175i	−0.5201−0.0718i	0.5717−0.1395i
65.9	−1.6101+4.4516i	2.8695−3.6551i	0.5323−1.1076i	−6.5977−0.1153i	−0.5937−0.1901i	0.3302−0.0044i	−0.4986−0.0767i	0.5741−0.2244i
66.0	−1.3821+4.6336i	2.7062−3.8044i	0.4296−1.0598i	−6.6744−0.0109i	−0.6027−0.1291i	0.3614+0.0337i	−0.5244−0.0605i	0.5556−0.2578i
66.1	−1.3180+4.6089i	2.6333−3.8586i	0.4214−1.0152i	−6.6381−0.0863i	−0.6067−0.1539i	0.4236+0.0048i	−0.5470−0.0449i	0.5401−0.2945i
66.2	−1.1814+4.6463i	2.5541−3.9394i	0.3758−1.0080i	−6.7802+0.0206i	−0.6383−0.1699i	0.4747−0.0650i	−0.5853−0.0230i	0.5072−0.3464i
66.3	−1.1205+4.7605i	2.5302−4.1514i	0.3165−1.0128i	−6.8573+0.1847i	−0.7064−0.1681i	0.4805−0.1215i	−0.6373+0.0445i	0.5023−0.3841i
66.4	−1.0017+4.6709i	2.3921−4.1076i	0.2311−1.0025i	−7.0631+0.5024i	−0.7580−0.1238i	0.4722−0.2446i	−0.6840+0.1384i	0.4927−0.4601i
66.5	−0.8163+4.7232i	2.1879−4.2286i	0.1961−0.9720i	−7.2651+0.9417i	−0.8297−0.0054i	0.4819−0.2722i	−0.7670+0.2196i	0.4994−0.4695i
66.6	−0.7755+4.6454i	2.0663−4.1962i	0.1575−0.8698i	−6.8904+1.2566i	−0.8576+0.0891i	0.4152−0.2972i	−0.7459+0.3268i	0.4698−0.4868i
66.7	−0.8002+4.5059i	2.0035−4.0670i	0.1024−0.8152i	−6.5065+1.4075i	−0.8161+0.1636i	0.3628−0.3440i	−0.6379+0.4365i	0.3942−0.5004i
66.8	−0.7673+4.5920i	1.9519−4.1594i	0.0708−0.7219i	−6.4011+1.6192i	−0.7722+0.2889i	0.3086−0.3760i	−0.5436+0.5234i	0.3605−0.5425i
66.9	−0.6346+4.7162i	1.7910−4.2716i	−0.0041−0.6472i	−6.1852+1.7404i	−0.7080+0.3936i	0.2469−0.4130i	−0.4586+0.5822i	0.3014−0.5774i
67.0	−0.6360+4.8269i	1.7294−4.3490i	−0.0148−0.6691i	−6.2259+1.7332i	−0.6918+0.4376i	0.2292−0.4578i	−0.4024+0.6352i	0.2785−0.6064i
67.1	−0.4978+4.8579i	1.5821−4.3506i	−0.0609−0.5809i	−6.2543+1.8547i	−0.5849+0.5247i	0.2059−0.4561i	−0.3375+0.6607i	0.2434−0.6232i
67.2	−0.3260+4.8908i	1.3872−4.3521i	−0.0720−0.4769i	−6.1230+1.9961i	−0.4526+0.5521i	0.1639−0.4712i	−0.2287+0.6413i	0.1868−0.5848i
67.3	−0.1161+4.9150i	1.1387−4.3668i	−0.1527−0.4232i	−5.9788+2.0588i	−0.3653+0.5447i	0.0912−0.4989i	−0.0971+0.6183i	0.1300−0.5684i
67.4	0.0410+4.9947i	0.9966−4.4056i	−0.2375−0.3175i	−5.9546+2.2442i	−0.2864+0.5837i	0.0348−0.5153i	−0.0480+0.6220i	0.1207−0.5486i
67.5	0.1420+4.9922i	0.9025−4.3869i	−0.2106−0.2934i	−5.8660+2.4274i	−0.2564+0.5901i	0.0027−0.5053i	−0.0378+0.6234i	0.1180−0.5297i
67.6	0.1488+4.9891i	0.8841−4.3519i	−0.2368−0.3259i	−5.8535+2.4891i	−0.2056+0.6203i	−0.0597−0.5307i	0.0199+0.6533i	0.1100−0.5133i
67.7	0.3140+4.9845i	0.7020−4.2858i	−0.3013−0.2369i	−5.7315+2.7022i	−0.1087+0.6070i	−0.1232−0.5548i	0.1104+0.6368i	0.1090−0.5267i
67.8	0.5781+5.0500i	0.4804−4.3243i	−0.3418−0.1418i	−5.7364+2.8767i	−0.0585+0.5911i	−0.1936−0.5768i	0.2084+0.6017i	0.1038−0.5450i
67.9	0.6848+4.9398i	0.4037−4.2161i	−0.3707−0.0602i	−5.5491+2.9712i	0.0363+0.5323i	−0.2748−0.5913i	0.2788+0.5986i	0.1335−0.5825i
68.0	0.7007+4.8992i	0.3881−4.1456i	−0.3317−0.0189i	−5.4072+3.0317i	0.0489+0.5732i	−0.3616−0.4986i	0.3522+0.5610i	0.1114−0.6198i
68.1	0.9810+4.8939i	0.1195−4.1342i	−0.4141+0.1328i	−5.2468+3.2185i	0.0848+0.5501i	−0.4880−0.4581i	0.4672+0.5089i	0.0644−0.6908i
68.2	1.2255+4.7308i	−0.0782−3.9625i	−0.4110+0.2788i	−4.9444+3.2801i	0.1472+0.5473i	−0.5843−0.3737i	0.5941+0.4108i	−0.0606−0.7264i
68.3	1.3563+4.7441i	−0.1809−3.9726i	−0.4046+0.3971i	−5.0342+3.2939i	0.2753+0.6479i	−0.6359−0.2597i	0.6674+0.2299i	−0.1628−0.6941i
68.4	1.4268+4.7467i	−0.2277−3.9783i	−0.3687+0.4840i	−5.1316+3.3298i	0.4721+0.6138i	−0.5880−0.1586i	0.5702+0.0743i	−0.1868−0.6325i
68.5	1.6335+4.5330i	−0.4100−3.7804i	−0.4271+0.6951i	−4.8875+3.4559i	0.5811+0.4113i	−0.6018−0.0941i	0.5016−0.0197i	−0.1799−0.5767i
68.6	1.7690+4.3719i	−0.5276−3.6228i	−0.3532+0.9071i	−4.8707+3.6516i	0.6030+0.2645i	−0.6306+0.0270i	0.4290−0.0933i	−0.2001−0.5744i

68.7	1.8341+4.3155i	-0.5582-3.5903i	-0.2274+0.9025i	-4.8586+3.8330i	0.6398+0.2032i	-0.5893+0.1039i	0.4072-0.1057i	-0.2495-0.5126i
68.8	1.8788+4.1988i	-0.6324-3.4834i	-0.1955+1.0306i	-4.7264+4.0106i	0.6872+0.0931i	-0.5588+0.1760i	0.3742-0.1362i	-0.2318-0.4646i
68.9	1.9211+4.0886i	-0.6317-3.3399i	-0.0568+1.2246i	-4.5649+4.1918i	0.6814-0.0004i	-0.4777+0.2771i	0.3618-0.1746i	-0.2182-0.4837i
69.0	1.9452+3.9901i	-0.6572-3.2694i	0.1272+1.2656i	-4.4192+4.3369i	0.6612-0.0990i	-0.4168+0.3084i	0.3344-0.2203i	-0.2600-0.4418i
69.1	2.0598+3.8977i	-0.7271-3.1570i	0.2780+1.3467i	-4.2283+4.5593i	0.6789-0.2075i	-0.3610+0.3245i	0.3268-0.2239i	-0.3044-0.4415i
69.2	2.0655+3.8631i	-0.6824-3.0911i	0.4606+1.4477i	-4.1389+4.8144i	0.6559-0.2872i	-0.3428+0.3231i	0.3451-0.2622i	-0.3204-0.4316i
69.3	2.1189+3.7631i	-0.7527-2.9858i	0.5585+1.5387i	-3.8910+4.8681i	0.6231-0.3953i	-0.3453+0.3224i	0.3061-0.3464i	-0.2964-0.3951i
69.4	2.1855+3.6840i	-0.8137-2.8847i	0.7401+1.6301i	-3.6208+5.0263i	0.6180-0.5651i	-0.3135+0.4175i	0.2462-0.4319i	-0.2791-0.3558i
69.5	2.2690+3.5680i	-0.8520-2.8437i	0.9262+1.5157i	-3.2365+5.2815i	0.5208-0.7299i	-0.1800+0.4694i	0.1521-0.4607i	-0.2871-0.3732i
69.6	2.2730+3.4522i	-0.8494-2.7380i	1.1156+1.4946i	-2.7217+5.2507i	0.2426-0.8199i	-0.0438+0.4718i	0.0192-0.4090i	-0.2946-0.3756i
69.7	2.2886+3.3633i	-0.8237-2.5784i	1.2595+1.6786i	-2.2387+4.9151i	0.1116-0.8098i	0.0314+0.3357i	0.0416-0.3436i	-0.3152-0.3985i
69.8	2.3717+3.3296i	-0.8565-2.5275i	1.4260+1.7168i	-2.1406+4.7598i	0.1069-0.8401i	0.0285+0.2086i	0.0757-0.3697i	-0.2920-0.4159i
69.9	2.4275+3.3472i	-0.8520-2.5160i	1.6448+1.6214i	-2.1538+4.8492i	0.0252-0.8604i	-0.0464+0.1946i	0.0542-0.4351i	-0.3068-0.4160i
70.0	2.4966+3.1538i	-0.8560-2.3733i	1.8435+1.4984i	-1.7386+4.6850i	-0.1050-0.8152i	-0.0409+0.2514i	-0.0174-0.4820i	-0.3657-0.4068i
70.1	2.5670+3.1372i	-0.7971-2.3587i	2.1237+1.4698i	-1.5679+4.5835i	-0.2528-0.8148i	-0.0946+0.2932i	-0.0815-0.5114i	-0.3909-0.4126i
70.2	2.6844+3.0667i	-0.8897-2.3540i	2.1654+1.3519i	-1.3303+4.5661i	-0.3471-0.7849i	-0.1457+0.3605i	-0.1372-0.4884i	-0.4106-0.3933i
70.3	2.6920+2.9346i	-0.7966-2.2928i	2.3732+1.2017i	-1.1262+4.3592i	-0.4182-0.7100i	-0.0435+0.4003i	-0.2073-0.4688i	-0.4339-0.3839i
70.4	2.7096+2.8325i	-0.7817-2.2273i	2.6049+1.0511i	-1.1908+4.2536i	-0.4626-0.6694i	-0.0054+0.4175i	-0.2632-0.4473i	-0.4855-0.4026i
70.5	2.7687+2.7086i	-0.7787-2.1770i	2.7108+0.9068i	-1.0146+4.0892i	-0.5582-0.5950i	0.0297+0.4792i	-0.3280-0.4103i	-0.5684-0.3334i
70.6	2.7510+2.6675i	-0.7680-2.1631i	2.7187+0.7833i	-0.9720+3.8453i	-0.5650-0.5353i	0.1148+0.4451i	-0.3355-0.3195i	-0.5669-0.3410i
70.7	2.8600+2.5516i	-0.7575-2.1146i	2.9502+0.6720i	-0.9516+3.7818i	-0.6384-0.4594i	0.1750+0.4849i	-0.3742-0.2781i	-0.6242-0.2920i
70.8	2.8442+2.3978i	-0.7416-2.0606i	3.0234+0.4279i	-0.9248+3.7396i	-0.6251-0.3836i	0.2987+0.4349i	-0.3842-0.2311i	-0.6596-0.2276i
70.9	2.8333+2.3093i	-0.7011-2.0178i	3.0459+0.2933i	-0.9411+3.6625i	-0.6126-0.3410i	0.3582+0.3881i	-0.3220-0.2161i	-0.6651-0.1653i
71.0	2.8124+2.2012i	-0.7284-1.9729i	2.9889+0.1515i	-0.9346+3.5513i	-0.5759-0.2889i	0.3804+0.3197i	-0.2824-0.2252i	-0.6526-0.0909i
71.1	2.8272+2.0607i	-0.7393-1.8978i	3.0686+0.1242i	-0.8219+3.5119i	-0.5881-0.2558i	0.4199+0.2709i	-0.2638-0.2133i	-0.6722-0.0772i
71.2	2.7838+1.9699i	-0.6677-1.9051i	3.2166-0.1785i	-0.7368+3.5678i	-0.6037-0.2423i	0.4333+0.1417i	-0.2766-0.2647i	-0.6647-0.0046i
71.3	2.7470+1.8952i	-0.6471-1.8971i	3.0760-0.3702i	-0.6716+3.5911i	-0.5855-0.2139i	0.3902+0.0637i	-0.2644-0.2837i	-0.6312+0.0615i
71.4	2.7310+1.7527i	-0.6196-1.8426i	3.2131-0.3664i	-0.5682+3.4908i	-0.6087-0.2242i	0.3699+0.0354i	-0.2862-0.3496i	-0.6203+0.1120i
71.5	2.7223+1.6625i	-0.5523-1.7962i	3.4175-0.4327i	-0.4839+3.4177i	-0.6190-0.2153i	0.3422+0.0059i	-0.3800-0.3819i	-0.5941+0.1720i
71.6	2.7342+1.5743i	-0.5535-1.7820i	3.4409-0.6199i	-0.4223+3.4091i	-0.6521-0.2035i	0.2670-0.0236i	-0.4310-0.3682i	-0.5833+0.1968i
71.7	2.6679+1.4820i	-0.5502-1.7426i	3.3543-0.8071i	-0.3478+3.3085i	-0.6592-0.1521i	0.2057+0.0208i	-0.4831-0.3995i	-0.5390+0.2596i
71.8	2.5944+1.4250i	-0.5452-1.7399i	3.3192-1.0292i	-0.3209+3.1978i	-0.6626-0.1166i	0.1809+0.0124i	-0.5440-0.4001i	-0.5028+0.2796i
71.9	2.5815+1.2802i	-0.5050-1.6802i	3.4558-1.1413i	-0.2596+3.0234i	-0.6749-0.0685i	0.1760+0.0643i	-0.6277-0.3927i	-0.4847+0.3231i
72.0	2.5882+1.2144i	-0.4739-1.6411i	3.6412-1.1814i	-0.2429+3.0194i	-0.7187-0.0796i	0.1706+0.1122i	-0.6790-0.4534i	-0.4663+0.3819i
72.1	2.5417+1.1316i	-0.4583-1.6813i	3.6785-1.5951i	-0.1900+3.0461i	-0.7694-0.0347i	0.1839+0.1126i	-0.8075-0.4262i	-0.4415+0.4367i
72.2	2.5214+1.0954i	-0.4553-1.6850i	3.5547-1.7920i	-0.1580+2.9436i	-0.7441+0.0268i	0.2609+0.1440i	-0.9189-0.3316i	-0.3417+0.4462i
72.3	2.4451+1.0425i	-0.4504-1.7274i	3.4381-2.0221i	-0.1227+2.9134i	-0.7320+0.0990i	0.2581+0.1148i	-0.9371-0.2068i	-0.2910+0.4227i
72.4	2.4073+0.9713i	-0.4368-1.6961i	3.4181-2.1637i	-0.0841+2.8191i	-0.7441+0.1313i	0.2679+0.1073i	-0.9950-0.1095i	-0.2357+0.4251i
72.5	2.3324+0.9552i	-0.3924-1.7340i	3.2868-2.4384i	-0.0740+2.8140i	-0.7253+0.1594i	0.3340+0.1009i	-1.0911-0.0134i	-0.1438+0.4094i
72.6	2.2329+0.9069i	-0.3723-1.7393i	3.2269-2.5578i	-0.0285+2.8025i	-0.7145+0.1830i	0.3653+0.1246i	-1.0894+0.0341i	-0.1265+0.4137i
72.7	2.2625+0.8732i	-0.4200-1.6808i	3.1519-2.5648i	0.0563+2.6456i	-0.7297+0.2130i	0.3904+0.0840i	-1.0751+0.1108i	-0.1248+0.4202i
72.8	2.2157+0.8180i	-0.3818-1.7117i	3.1651-2.7694i	0.0697+2.6758i	-0.7341+0.2633i	0.4416+0.0661i	-1.1191+0.1836i	-0.0886+0.4322i
72.9	2.1515+0.7495i	-0.3913-1.6991i	3.0053-3.0237i	0.1326+2.5896i	-0.7141+0.3255i	0.4184+0.0226i	-1.1076+0.2910i	-0.0482+0.4247i
73.0	2.1250+0.7042i	-0.3935-1.6808i	2.8226-3.0956i	0.1774+2.5586i	-0.6843+0.3422i	0.3695-0.0080i	-1.0656+0.3710i	-0.0219+0.4137i
73.1	2.1049+0.6658i	-0.3770-1.7088i	2.7971-3.4120i	0.2134+2.5587i	-0.6716+0.4065i	0.4575-0.0298i	-1.1100+0.4756i	0.0598+0.3851i
73.2	2.0688+0.6275i	-0.4088-1.7399i	2.5371-3.6272i	0.2837+2.5106i	-0.6196+0.4402i	0.4680-0.1667i	-1.0550+0.6143i	0.0962+0.3359i
73.3	2.0179+0.5599i	-0.3831-1.7578i	2.4899-3.7237i	0.3372+2.4413i	-0.5905+0.4246i	0.4249-0.1540i	-1.0101+0.5959i	0.1043+0.3566i
73.4	1.9477+0.5477i	-0.3499-1.7481i	2.2709-3.7729i	0.4231+2.3611i	-0.5620+0.3828i	0.3893-0.1910i	-0.9463+0.6289i	0.1069+0.3398i
73.5	1.8772+0.5176i	-0.3716-1.7518i	2.0249-4.0512i	0.4938+2.3394i	-0.5953+0.3856i	0.3726-0.2663i	-0.9352+0.7091i	0.1520+0.3256i
73.6	1.8288+0.4601i	-0.3797-1.7401i	1.8437-4.0861i	0.5477+2.1996i	-0.6368+0.4480i	0.3699-0.2850i	-0.9445+0.8368i	0.2242+0.2565i
73.7	1.7677+0.4729i	-0.3694-1.7511i	1.5540-4.0914i	0.6220+2.0491i	-0.6218+0.5268i	0.3408-0.3431i	-0.9002+0.9431i	0.2339+0.2051i
73.8	1.7818+0.4198i	-0.3342-1.7227i	1.6475-4.2428i	0.6201+1.8989i	-0.6400+0.6008i	0.3990-0.3438i	-0.9781+1.0063i	0.3031+0.1982i
73.9	1.7637+0.3810i	-0.3475-1.6832i	1.5407-4.1814i	0.6700+1.7703i	-0.6037+0.6547i	0.3635-0.3601i	-0.8769+1.0504i	0.2795+0.1504i
74.0	1.7126+0.3570i	-0.3829-1.7253i	1.2265-4.2798i	0.6857+1.7161i	-0.5494+0.7217i	0.2804-0.3722i	-0.7570+1.1362i	0.2980+0.1090i
74.1	1.7363+0.2504i	-0.3431-1.7774i	1.2380-4.5156i	0.6824+1.6111i	-0.5137+0.7823i	0.2861-0.4011i	-0.7440+1.2520i	0.3487+0.0571i
74.2	1.6290+0.1767i	-0.3581-1.7383i	0.9173-4.5106i	0.6594+1.4491i	-0.3970+0.8175i	0.2371-0.4183i	-0.6144+1.3214i	0.3347-0.0186i
74.3	1.5093+0.0905i	-0.3694-1.7730i	0.5691-4.6882i	0.6158+1.3385i	-0.3254+0.8742i	0.1640-0.4471i	-0.4837+1.4196i	0.3283-0.0804i
74.4	1.4620+0.0793i	-0.3412-1.7872i	0.5249-4.6321i	0.5922+1.1880i	-0.2725+0.8908i	0.1555-0.4164i	-0.4207+1.4245i	0.3292-0.0994i
74.5	1.4309+0.0353i	-0.3597-1.7967i	0.4439-4.6669i	0.5517+1.1267i	-0.2061+0.8806i	0.1069-0.3916i	-0.3176+1.4177i	0.2962-0.0948i
74.6	1.2983-0.0624i	-0.3777-1.8592i	0.1192-4.9834i	0.5430+1.1258i	-0.1318+0.9085i	0.0694-0.4753i	-0.1744+1.5735i	0.2880-0.2290i
74.7	1.3045-0.0306i	-0.3755-1.8542i	0.1190-4.8833i	0.4783+1.0745i	-0.0957+0.8809i	0.0954-0.4573i	-0.1117+1.5468i	0.2520-0.2573i
74.8	1.2228-0.1156i	-0.3621-1.8253i	0.0210-4.8964i	0.4207+0.9323i	-0.0596+0.8346i	0.0585-0.4831i	-0.0288+1.5307i	0.2192-0.2792i
74.9	1.0629-0.1822i	-0.4144-1.8247i	-0.3908-4.9959i	0.3526+0.8420i	0.0494+0.8252i	0.0306-0.4848i	0.1228+1.5641i	0.2021-0.3663i

75.0	1.0504-0.2056i	-0.4112-1.8049i	-0.4154-5.0146i	0.2517+0.8374i	0.0756+0.7542i	0.0412-0.4661i	0.1272+1.5061i	0.1674-0.3590i
75.1	0.8620-0.2725i	-0.4418-1.8046i	-0.8047-4.9992i	0.2283+0.7755i	0.0871+0.7208i	-0.0086-0.4949i	0.2675+1.5138i	0.1286-0.4017i
75.2	0.6541-0.2769i	-0.4399-1.8572i	-1.1569-5.0562i	0.0998+0.7065i	0.1517+0.7467i	-0.0420-0.4705i	0.4259+1.5100i	0.0581-0.4347i
75.3	0.5921-0.2575i	-0.4619-1.8672i	-1.3336-5.0418i	0.0994+0.7034i	0.1677+0.7166i	-0.0382-0.4420i	0.5121+1.4709i	0.0050-0.4529i
75.4	0.4516-0.2212i	-0.4644-1.8261i	-1.5964-4.8938i	0.0341+0.6674i	0.1928+0.6557i	-0.0844-0.4728i	0.6168+1.4149i	-0.0664-0.4737i
75.5	0.3408-0.2511i	-0.4842-1.8403i	-1.8455-4.9989i	-0.0054+0.6491i	0.2018+0.6468i	-0.0664-0.4697i	0.7050+1.4016i	-0.1110-0.5043i
75.6	0.2592-0.2459i	-0.4926-1.8228i	-2.0813-4.8936i	-0.0036+0.6062i	0.2164+0.6405i	-0.0757-0.4787i	0.8037+1.3671i	-0.1591-0.5001i
75.7	0.1252-0.2362i	-0.4736-1.7936i	-2.3542-4.8730i	-0.0913+0.5220i	0.2419+0.6412i	-0.1385-0.4623i	0.8985+1.2907i	-0.2198-0.4709i
75.8	-0.0305-0.1960i	-0.4810-1.8061i	-2.7068-4.7651i	-0.1222+0.4829i	0.2725+0.6375i	-0.1727-0.4651i	1.0080+1.2164i	-0.2769-0.4561i
75.9	-0.1493-0.0920i	-0.4622-1.7818i	-2.8791-4.4289i	-0.2128+0.4223i	0.3196+0.5953i	-0.2261-0.4573i	1.0917+1.0851i	-0.3452-0.4026i
76.0	-0.2319-0.0937i	-0.4422-1.8256i	-3.0093-4.4969i	-0.2817+0.4558i	0.3591+0.5519i	-0.2263-0.4605i	1.1182+1.0614i	-0.3367-0.3912i
76.1	-0.3335-0.0663i	-0.4765-1.8758i	-3.2976-4.5495i	-0.2948+0.4361i	0.3550+0.5367i	-0.2447-0.4628i	1.2040+1.0064i	-0.3848-0.3942i
76.2	-0.4117+0.0673i	-0.4851-1.8831i	-3.4060-4.3121i	-0.3640+0.3974i	0.3474+0.4830i	-0.2435-0.4443i	1.2385+0.9286i	-0.4285-0.3931i
76.3	-0.5055+0.1453i	-0.4894-1.8686i	-3.6207-4.1658i	-0.4611+0.4052i	0.3403+0.4530i	-0.2777-0.4292i	1.2882+0.8293i	-0.4794-0.3665i
76.4	-0.6127+0.2382i	-0.5228-1.8585i	-3.8773-3.8343i	-0.5155+0.3402i	0.3647+0.4324i	-0.3460-0.4254i	1.3232+0.6768i	-0.5174-0.2883i
76.5	-0.6160+0.2988i	-0.4360-1.8715i	-3.6791-3.7861i	-0.5793+0.3594i	0.3489+0.3993i	-0.3858-0.3854i	1.2978+0.6255i	-0.5608-0.2242i
76.6	-0.7606+0.3253i	-0.4602-1.8974i	-4.0051-3.6854i	-0.5541+0.3691i	0.3706+0.3896i	-0.3874-0.2970i	1.3312+0.5185i	-0.5430-0.1709i
76.7	-0.8189+0.5391i	-0.4887-1.9088i	-4.2893-3.2771i	-0.5574+0.2719i	0.3603+0.3321i	-0.4039-0.3131i	1.3716+0.3776i	-0.5669-0.1481i
76.8	-0.9569+0.5855i	-0.4727-1.9547i	-4.4539-3.0994i	-0.7048+0.2171i	0.3698+0.3350i	-0.4451-0.2744i	1.3952+0.2705i	-0.6012-0.0926i
76.9	-1.0831+0.6525i	-0.4636-1.9693i	-4.5690-2.9833i	-0.7739+0.3151i	0.3885+0.3124i	-0.4624-0.2149i	1.3767+0.1485i	-0.5900-0.0300i
77.0	-1.1551+0.8271i	-0.4534-1.9791i	-4.7447-2.6975i	-0.9063+0.3058i	0.3742+0.2852i	-0.4870-0.1730i	1.3772+0.0323i	-0.6280+0.0310i
77.1	-1.2436+0.8754i	-0.4520-2.0223i	-4.9575-2.5642i	-0.9880+0.2988i	0.3685+0.2559i	-0.4873-0.1644i	1.4038-0.0406i	-0.6597+0.0466i
77.2	-1.2968+1.0265i	-0.4360-2.0418i	-5.0413-2.2963i	-0.9956+0.3614i	0.3119+0.2298i	-0.4753-0.1179i	1.3150-0.1380i	-0.6238+0.0874i
77.3	-1.3815+1.0945i	-0.4627-2.0915i	-5.2344-2.0310i	-1.0284+0.3257i	0.2783+0.2038i	-0.4903-0.0813i	1.2913-0.2709i	-0.6605+0.1512i
77.4	-1.4850+1.2723i	-0.4892-2.1217i	-5.3294-1.9082i	-1.1321+0.3303i	0.2739+0.1915i	-0.4275-0.0855i	1.1745-0.3001i	-0.6194+0.1837i
77.5	-1.6126+1.4941i	-0.5455-2.2117i	-5.6151-1.5017i	-1.1977+0.3972i	0.2511+0.2033i	-0.4529-0.0680i	1.1771-0.3581i	-0.6416+0.2058i
77.6	-1.7585+1.5110i	-0.6388-2.2573i	-5.8984-1.1782i	-1.1503+0.4012i	0.1891+0.2306i	-0.4552-0.0248i	1.1624-0.4646i	-0.6618+0.2970i
77.7	-1.7818+1.9191i	-0.5908-2.2819i	-5.6824-0.6322i	-1.1907+0.3806i	0.1564+0.2348i	-0.4177+0.0122i	1.0314-0.5235i	-0.6251+0.3524i
77.8	-1.6784+2.1144i	-0.6665-2.2848i	-5.5660-0.3194i	-1.2416+0.4241i	0.1411+0.2897i	-0.3792+0.0452i	0.9577-0.5535i	-0.5951+0.3879i
77.9	-1.8231+2.2416i	-0.6400-2.3160i	-5.6867-0.1257i	-1.3620+0.4300i	0.1214+0.3376i	-0.3760+0.0606i	0.9127-0.5723i	-0.5856+0.4383i
78.0	-1.8396+2.5803i	-0.7113-2.3783i	-5.7396+0.2850i	-1.3606+0.3998i	0.1187+0.3772i	-0.3714+0.0659i	0.8668-0.6088i	-0.5485+0.4826i
78.1	-1.5820+2.6845i	-0.7601-2.3719i	-5.3316+0.5347i	-1.4660+0.3857i	0.1551+0.4350i	-0.3003+0.1052i	0.7649-0.6171i	-0.4868+0.5151i
78.2	-1.6605+2.9238i	-0.8523-2.4562i	-5.3936+0.8268i	-1.5969+0.4667i	0.2250+0.4890i	-0.2711+0.0871i	0.7048-0.6595i	-0.4501+0.5749i
78.3	-1.6385+3.2181i	-0.9446-2.5419i	-5.4369+1.1301i	-1.7108+0.4810i	0.2862+0.5038i	-0.2526+0.0808i	0.6414-0.6781i	-0.3751+0.6338i
78.4	-1.5193+3.3858i	-0.9314-2.5529i	-5.2808+1.5133i	-1.7521+0.4539i	0.3262+0.4952i	-0.2914+0.0193i	0.5942-0.6912i	-0.3285+0.6579i
78.5	-1.4682+3.6195i	-0.9039-2.4761i	-4.9280+1.8159i	-1.8653+0.3995i	0.3693+0.5051i	-0.2737+0.0269i	0.5209-0.6925i	-0.2655+0.6531i
78.6	-1.2341+3.8811i	-1.0131-2.4626i	-4.5751+2.1049i	-1.9683+0.5423i	0.4274+0.4861i	-0.2901+0.0419i	0.4420-0.7140i	-0.1877+0.6922i
78.7	-1.0834+3.9726i	-1.1081-2.4353i	-4.4911+2.3083i	-1.9891+0.6629i	0.4766+0.4624i	-0.2562-0.0008i	0.3938-0.6991i	-0.1408+0.6773i
78.8	-1.0432+4.2957i	-1.0451-2.3969i	-4.1222+2.7052i	-2.1106+0.5917i	0.5309+0.4032i	-0.2846+0.0072i	0.3288-0.6641i	-0.0777+0.6221i
78.9	-0.9508+4.5842i	-1.1146-2.3474i	-3.8068+2.9616i	-2.1758+0.7163i	0.5713+0.3505i	-0.2960+0.0481i	0.2496-0.6639i	0.0272+0.6284i
79.0	-0.2658+4.9184i	-0.8424-2.2510i	-3.1732+2.8034i	-2.1466+0.4807i	0.4773+0.2931i	-0.2927+0.0240i	0.2539-0.5231i	0.0562+0.4782i
79.1	-0.1452+4.3903i	-0.8373-3.0244i	-3.3747+2.4448i	-2.7232+0.5597i	0.5001+0.4536i	-0.4178+0.0227i	0.3798-0.6266i	-0.1146+0.5210i
79.2	-0.4426+4.4462i	-1.2814-3.0301i	-3.4452+2.5977i	-2.7177+1.0817i	0.6062+0.4132i	-0.3084+0.1033i	0.3037-0.6619i	-0.0721+0.5637i
79.3	-0.2415+4.8489i	-1.5505-2.6273i	-3.0491+2.9834i	-2.5099+1.1250i	0.6422+0.3225i	-0.2769+0.0857i	0.2421-0.6782i	-0.0164+0.5679i
79.4	-0.1040+5.0228i	-1.5861-2.5325i	-2.8938+3.1850i	-2.5752+1.1161i	0.6488+0.2894i	-0.3467+0.0920i	0.1874-0.6684i	0.0351+0.5607i
79.5	0.0958+5.0900i	-1.6112-2.5027i	-2.7394+3.1704i	-2.5512+1.2475i	0.6411+0.2812i	-0.3454+0.1064i	0.1503-0.6531i	0.0518+0.5443i
79.6	0.3869+5.2642i	-1.6363-2.4225i	-2.4060+3.3357i	-2.5972+1.3877i	0.6674+0.2502i	-0.3670+0.1346i	0.1089-0.6788i	0.0831+0.5493i
79.7	0.6179+5.5704i	-1.6096-2.3558i	-2.0978+3.4362i	-2.6961+1.4222i	0.7173+0.2170i	-0.3694+0.1694i	0.0660-0.6777i	0.1338+0.5815i
79.8	1.0638+5.6030i	-1.6071-2.4141i	-1.7645+3.2659i	-2.7711+1.5119i	0.7184+0.2130i	-0.3374+0.2053i	0.0465-0.6756i	0.1355+0.5461i
79.9	1.4943+5.5053i	-1.6461-2.4080i	-1.4551+3.1465i	-2.7404+1.6785i	0.7176+0.1559i	-0.3182+0.1975i	0.0015-0.6851i	0.1369+0.5425i
80.0	1.8034+5.5472i	-1.6540-2.5204i	-1.2561+3.0544i	-2.9418+1.7921i	0.7462+0.1578i	-0.3301+0.2569i	-0.0438-0.6992i	0.1766+0.5612i

2.1.5 Run 1 – IP000 – Accels 33–40

In-plane shaking at 0°. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	5.5295+0.0000i	4.5702+0.0000i	-4.4471+0.0000i	-6.1479+0.0000i	18.9541+0.0000i	7.1492+0.0000i	6.9175+0.0000i	5.4309+0.0000i
0.1	-5.1497-2.3820i	-1.9386-3.0993i	-2.3681-7.5782i	7.1240-11.5436i	5.3129-18.2208i	5.6736-11.8274i	6.7912-3.0707i	5.3448+1.9434i
0.2	2.1305+1.9006i	-0.2825+1.6984i	0.8138+1.0768i	-0.5026-2.2673i	-3.8926-0.4792i	-3.5074-3.2866i	0.7241-0.1128i	-0.5615-1.3399i
0.3	-0.9525-1.1268i	-1.0764-0.4287i	-0.2755-0.5809i	-0.3606+1.0817i	-2.7333-0.3797i	-4.7217-1.5662i	-0.6557+0.4586i	-1.0399+2.2717i
0.4	-0.1895+0.4690i	-0.1091+0.3063i	-0.4789-0.7184i	1.2667-1.3572i	3.0121-2.4300i	1.2911-2.2975i	0.3755+0.4786i	-0.5163+0.3617i
0.5	-1.4823+3.3781i	0.2495+0.7641i	-1.0993-0.3702i	4.1059+1.0370i	2.5060+1.4632i	3.8557-0.4674i	0.9980-1.1104i	-0.4208+0.8283i
0.6	0.5036+0.7251i	0.4610+0.2027i	-0.3374+0.2497i	1.1790+1.1933i	-2.5847+1.0220i	-0.3665+0.2433i	-0.6244-0.3305i	1.4379-0.8239i
0.7	-0.4142-0.1581i	-0.1673-0.1575i	-0.0131-0.0411i	0.4821+0.1418i	0.1248-0.2554i	0.1663+0.0824i	0.0970+0.0376i	-0.2893+0.1693i
0.8	-0.1098-0.1941i	0.0822+0.0167i	0.0158-0.0648i	0.0998+0.1053i	0.0459+0.2213i	0.1936+0.0691i	-0.1677-0.0614i	0.0744-0.0413i
0.9	-0.1010-0.0577i	0.0451+0.0188i	-0.0151+0.0397i	-0.3114-0.0034i	0.0137-0.0133i	-0.2114+0.0627i	-0.0164-0.0427i	-0.0315+0.0190i
1.0	-0.0788-0.0509i	0.0267-0.0797i	-0.0394-0.0356i	-0.1087-0.0208i	-0.0068-0.1520i	0.0539-0.0666i	-0.0777+0.0428i	0.0046+0.0118i
1.1	-0.1080-0.0374i	-0.0636-0.0112i	0.0257+0.0055i	-0.1158-0.0477i	-0.1062-0.1205i	0.0099+0.0095i	-0.0181+0.0173i	-0.0065+0.0097i
1.2	-0.1691-0.0121i	-0.0622+0.0338i	0.0124-0.0205i	-0.1230-0.0206i	-0.0840+0.0374i	0.0473+0.0041i	-0.0169-0.0088i	-0.0063-0.0112i
1.3	-0.1808+0.0170i	0.1303+0.1102i	0.0449-0.0066i	-0.2568+0.0090i	0.2384+0.1907i	0.0198+0.0722i	-0.0427-0.0332i	-0.0126-0.0304i
1.4	-0.2204-0.0556i	0.1006-0.0054i	0.0314+0.0030i	-0.2951-0.0289i	0.1075-0.0168i	-0.0026+0.0169i	-0.0623-0.0066i	0.0224+0.0096i
1.5	-0.2157-0.0739i	0.3630-0.1492i	0.0367+0.0033i	-0.4363+0.0311i	0.5794-0.3232i	0.0259-0.0001i	-0.1217-0.0011i	0.0089-0.0070i
1.6	-0.4626-0.1012i	-0.2010-0.2258i	0.0247+0.0020i	-0.3247+0.0455i	-0.4431-0.3993i	0.0357-0.0071i	-0.0264+0.0546i	-0.0058+0.0040i
1.7	-0.5391-0.0495i	-0.0594-0.0498i	0.0345+0.0041i	-0.4806-0.0140i	-0.1741-0.0910i	0.0455-0.0029i	-0.0737+0.0145i	-0.0135-0.0023i
1.8	-0.7046-0.0459i	-0.0269-0.0283i	0.0443+0.0066i	-0.6564-0.0172i	-0.1496-0.0382i	0.0644+0.0081i	-0.1004+0.0107i	-0.0073+0.0029i
1.9	-0.9492-0.0442i	-0.0000-0.0456i	0.0558+0.0036i	-0.8930-0.0218i	-0.1352-0.0505i	0.0821-0.0005i	-0.1403+0.0159i	-0.0051+0.0049i
2.0	-1.3584-0.0224i	0.0205-0.0796i	0.0753+0.0020i	-1.2953-0.0025i	-0.1503-0.0616i	0.1159+0.0056i	-0.2059+0.0256i	-0.0078+0.0068i
2.1	-2.1357+0.0974i	0.0160-0.2937i	0.1055-0.0112i	-2.0528+0.0783i	-0.2128-0.1673i	0.1660+0.0017i	-0.3266+0.0546i	-0.0111-0.0021i
2.2	-4.3308+0.6340i	-0.5810-0.1125i	0.1923-0.0188i	-4.3974+0.6965i	-0.6990+0.0131i	0.3271-0.0405i	-0.6973+0.1753i	-0.0579+0.0148i
2.3	-3.9061+16.0258i	0.1180+0.5859i	0.1785-0.6087i	-3.4669+15.9296i	-0.2712+1.5227i	0.2540-1.0656i	-0.3551+2.6487i	0.0236+0.1540i
2.4	4.7875+1.9923i	0.0491+0.0187i	-0.1856-0.0669i	4.7866+1.8376i	0.3316+0.1733i	-0.2862-0.1286i	0.8234+0.2480i	0.0421-0.0092i
2.5	2.7567+0.6610i	-0.0186-0.0188i	-0.0809-0.0328i	2.7523+0.5944i	0.1485+0.0477i	-0.1467-0.0393i	0.4722+0.0592i	0.0250-0.0114i
2.6	2.0058+0.3794i	-0.0298-0.0141i	-0.0520-0.0119i	1.9968+0.3333i	0.1040+0.0126i	-0.0846-0.0312i	0.3498+0.0258i	0.0134-0.0038i
2.7	1.5937+0.2641i	-0.0307-0.0174i	-0.0274-0.0116i	1.5872+0.2304i	0.0657+0.0196i	-0.0490-0.0169i	0.2831+0.0147i	0.0132-0.0074i
2.8	1.3574+0.2095i	-0.0299-0.0074i	-0.0169-0.0069i	1.3488+0.1792i	0.0499+0.0113i	-0.0293-0.0150i	0.2455+0.0083i	0.0085-0.0068i
2.9	1.1869+0.1701i	-0.0322-0.0059i	-0.0083-0.0067i	1.1864+0.1424i	0.0347+0.0023i	-0.0136-0.0098i	0.2207+0.0063i	0.0083-0.0099i
3.0	1.0704+0.1369i	-0.0315-0.0063i	0.0020-0.0043i	1.0679+0.1225i	0.0315+0.0107i	0.0008-0.0068i	0.2025+0.0024i	0.0073-0.0050i
3.1	0.9898+0.1264i	-0.0307-0.0062i	0.0083-0.0043i	0.9831+0.1137i	0.0259+0.0084i	0.0087-0.0053i	0.1885+0.0028i	0.0055-0.0063i
3.2	0.9240+0.1128i	-0.0302-0.0060i	0.0154-0.0040i	0.9207+0.1022i	0.0200+0.0046i	0.0194-0.0077i	0.1802-0.0016i	0.0039-0.0063i
3.3	0.8719+0.0983i	-0.0301-0.0062i	0.0199-0.0028i	0.8686+0.0953i	0.0183+0.0067i	0.0304-0.0052i	0.1702-0.0019i	0.0050-0.0054i
3.4	0.8260+0.0875i	-0.0307-0.0050i	0.0260-0.0033i	0.8277+0.0868i	0.0144+0.0037i	0.0386-0.0018i	0.1644-0.0017i	0.0053-0.0047i
3.5	0.7871+0.0744i	-0.0316-0.0063i	0.0317-0.0007i	0.7893+0.0779i	0.0111+0.0044i	0.0463-0.0053i	0.1633+0.0006i	0.0047-0.0068i
3.6	0.7524+0.0719i	-0.0314-0.0075i	0.0355-0.0032i	0.7617+0.0743i	0.0133+0.0012i	0.0576-0.0035i	0.1606-0.0011i	0.0033-0.0049i
3.7	0.7282+0.0699i	-0.0292-0.0056i	0.0436-0.0026i	0.7394+0.0722i	0.0074+0.0033i	0.0670-0.0053i	0.1611-0.0023i	0.0025-0.0052i
3.8	0.7003+0.0654i	-0.0309-0.0045i	0.0492-0.0007i	0.7148+0.0696i	0.0105+0.0063i	0.0807+0.0002i	0.1630-0.0033i	0.0033-0.0057i
3.9	0.6832+0.0669i	-0.0291-0.0047i	0.0546-0.0006i	0.6931+0.0705i	0.0052+0.0044i	0.0836+0.0002i	0.1641-0.0034i	0.0044-0.0079i
4.0	0.6622+0.0678i	-0.0278-0.0032i	0.0615+0.0001i	0.6791+0.0643i	0.0022+0.0019i	0.0982-0.0041i	0.1678-0.0016i	0.0043-0.0071i
4.1	0.6505+0.0637i	-0.0285-0.0035i	0.0670-0.0004i	0.6682+0.0676i	0.0057+0.0065i	0.1057+0.0019i	0.1715-0.0034i	0.0000-0.0064i
4.2	0.6361+0.0659i	-0.0265-0.0024i	0.0750-0.0020i	0.6507+0.0642i	0.0044+0.0020i	0.1181-0.0072i	0.1742-0.0097i	-0.0020-0.0074i
4.3	0.6202+0.0664i	-0.0280-0.0027i	0.0794+0.0002i	0.6438+0.0667i	0.0008-0.0060i	0.1322-0.0018i	0.1852-0.0092i	-0.0035-0.0093i
4.4	0.6141+0.0695i	-0.0260-0.0045i	0.0887-0.0021i	0.6313+0.0690i	-0.0117+0.0013i	0.1431-0.0042i	0.1930-0.0177i	-0.0063-0.0043i
4.5	0.6068+0.0721i	-0.0309-0.0074i	0.0932-0.0011i	0.6295+0.0716i	-0.0056-0.0043i	0.1548-0.0056i	0.1844-0.0233i	0.0005-0.0062i
4.6	0.6010+0.0723i	-0.0259-0.0055i	0.1012-0.0016i	0.6203+0.0722i	-0.0004+0.0059i	0.1666-0.0048i	0.1930-0.0187i	-0.0012-0.0094i
4.7	0.5909+0.0729i	-0.0282-0.0012i	0.1078+0.0014i	0.6150+0.0694i	0.0001-0.0008i	0.1866-0.0017i	0.2095-0.0196i	-0.0015-0.0078i
4.8	0.5858+0.0683i	-0.0289-0.0047i	0.1183-0.0019i	0.6065+0.0716i	-0.0061+0.0038i	0.1992-0.0031i	0.2239-0.0328i	0.0006-0.0157i
4.9	0.5810+0.0793i	-0.0244-0.0038i	0.1277-0.0019i	0.6032+0.0778i	-0.0015+0.0018i	0.2148-0.0049i	0.2265-0.0355i	-0.0095-0.0098i
5.0	0.5734+0.0876i	-0.0267-0.0035i	0.1329-0.0035i	0.6005+0.0853i	-0.0027+0.0172i	0.2357-0.0099i	0.2497-0.0482i	-0.0095-0.0117i
5.1	0.5604+0.0897i	-0.0268-0.0056i	0.1491-0.0043i	0.5880+0.0922i	0.0014+0.0044i	0.2531-0.0084i	0.2753-0.0696i	-0.0046-0.0102i
5.2	0.5543+0.0955i	-0.0276-0.0077i	0.1580-0.0052i	0.5805+0.0955i	-0.0001+0.0106i	0.2748-0.0167i	0.3044-0.1165i	0.0057-0.0304i
5.3	0.5605+0.1017i	-0.0238-0.0085i	0.1687-0.0100i	0.5872+0.1018i	-0.0057+0.0037i	0.2977-0.0208i	0.3056-0.1411i	-0.0034-0.0192i
5.4	0.5503+0.1246i	-0.0263-0.0080i	0.1728-0.0067i	0.5865+0.1217i	-0.0101-0.0115i	0.3143-0.0292i	0.3193-0.1660i	0.0091-0.0012i
5.5	0.5596+0.1390i	-0.0233-0.0103i	0.1819-0.0162i	0.5966+0.1381i	-0.0124+0.0101i	0.3422-0.0354i	0.3250-0.2435i	0.0389-0.0561i
5.6	0.5613+0.1519i	-0.0229-0.0104i	0.1930-0.0179i	0.5930+0.1486i	-0.0125+0.0018i	0.3574-0.0406i	0.3094-0.3103i	0.0012-0.1086i

5.7	0.5856+0.1637i	-0.0257-0.0083i	0.1955-0.0185i	0.6193+0.1571i	-0.0119+0.0047i	0.3810-0.0480i	0.2619-0.3256i	-0.0411-0.0989i
5.8	0.5768+0.1784i	-0.0253-0.0131i	0.2067-0.0235i	0.6168+0.1699i	-0.0131-0.0042i	0.4067-0.0645i	0.2798-0.4309i	-0.0754-0.1121i
5.9	0.6253+0.1975i	-0.0237-0.0189i	0.2057-0.0273i	0.6657+0.1841i	0.0092-0.0109i	0.4220-0.0795i	0.1131-0.4784i	-0.1555-0.0458i
6.0	0.6455+0.1959i	-0.0318-0.0200i	0.2125-0.0258i	0.6866+0.1890i	-0.0052+0.0019i	0.4442-0.0715i	0.0283-0.4516i	-0.1553+0.0154i
6.1	0.6640+0.1800i	-0.0365-0.0151i	0.2112-0.0209i	0.7093+0.1726i	-0.0124+0.0052i	0.4635-0.0794i	-0.0422-0.3881i	-0.1226+0.0332i
6.2	0.6847+0.1872i	-0.0400-0.0099i	0.2158-0.0222i	0.7394+0.1830i	-0.0061+0.0133i	0.4998-0.0727i	-0.0605-0.3579i	-0.1134+0.0674i
6.3	0.6975+0.1762i	-0.0415-0.0073i	0.2157-0.0132i	0.7456+0.1772i	-0.0158+0.0021i	0.5212-0.0756i	-0.1027-0.3276i	-0.0945+0.0453i
6.4	0.7107+0.1710i	-0.0363-0.0027i	0.2150-0.0060i	0.7654+0.1703i	-0.0119+0.0368i	0.5595-0.0753i	-0.0920-0.2986i	-0.0836+0.0198i
6.5	0.7451+0.1831i	-0.0339-0.0001i	0.2021+0.0088i	0.8063+0.1698i	-0.0094+0.0091i	0.5898-0.0764i	-0.1248-0.2812i	-0.1498+0.0346i
6.6	0.7543+0.1697i	-0.0343-0.0045i	0.1896+0.0268i	0.8297+0.1621i	-0.0113+0.0039i	0.6438-0.0766i	-0.1284-0.2520i	-0.1923+0.0975i
6.7	0.8087+0.1799i	-0.0296-0.0067i	0.1764+0.0624i	0.8917+0.1673i	-0.0059+0.0051i	0.6983-0.0815i	-0.1323-0.2616i	-0.1954+0.1743i
6.8	0.8743+0.1664i	-0.0331-0.0066i	0.1496+0.1144i	0.9649+0.1520i	0.0261+0.0180i	0.7548-0.0987i	-0.1819-0.2816i	-0.1854+0.2712i
6.9	0.9549+0.1415i	-0.0327-0.0016i	0.0988+0.1998i	1.0557+0.1118i	-0.0043+0.0223i	0.8131-0.1132i	-0.2853-0.2855i	-0.1115+0.3649i
7.0	1.0423+0.0437i	-0.0272-0.0066i	0.0136+0.3954i	1.1645-0.0168i	-0.0002+0.0104i	0.8650-0.1497i	-0.4500-0.2342i	-0.0120+0.5400i
7.1	1.1106-0.1304i	-0.0311-0.0133i	0.0677+0.8330i	1.2437-0.2370i	-0.0034+0.0243i	0.9213-0.1554i	-0.6566-0.0052i	0.3208+0.7358i
7.2	0.9463-0.3724i	-0.0347+0.0037i	0.6812+1.2603i	1.0210-0.5209i	-0.0044+0.0478i	0.9837-0.1230i	-0.5549+0.5359i	0.7445+0.3636i
7.3	0.7263-0.3587i	-0.0161+0.0024i	1.2681+0.9677i	0.7599-0.4892i	0.0205+0.0042i	1.1564-0.1466i	0.0182+0.7486i	0.8787+0.1094i
7.4	0.5439-0.2994i	-0.0204-0.0240i	1.6430+0.7403i	0.5447-0.4341i	0.0050+0.0354i	1.2342-0.2901i	0.5203+0.4269i	0.9016-0.8545i
7.5	0.5104-0.0820i	-0.0458-0.0163i	1.7586+0.2051i	0.4791-0.1583i	0.0064+0.0228i	1.2562-0.3055i	0.4735+0.0443i	-0.1169-0.7588i
7.6	0.5956+0.0121i	-0.0412-0.0004i	1.6343-0.0026i	0.6020-0.0346i	-0.0055+0.0128i	1.3958-0.3187i	0.3858-0.1102i	-0.2888-0.2889i
7.7	0.6615+0.0301i	-0.0358+0.0024i	1.6247-0.1095i	0.6786-0.0010i	0.0133+0.0330i	1.5391-0.3849i	0.3252-0.1997i	-0.1316-0.0055i
7.8	0.7098+0.0259i	-0.0317+0.0023i	1.6629-0.1996i	0.7444-0.0146i	0.0088+0.0077i	1.6954-0.4929i	0.2235-0.2627i	-0.0048+0.0057i
7.9	0.7480+0.0112i	-0.0290-0.0065i	1.7017-0.2854i	0.7974-0.0384i	0.0068+0.0147i	1.8259-0.6680i	0.1582-0.2643i	0.0585-0.0051i
8.0	0.7485+0.0065i	-0.0316+0.0014i	1.7629-0.3737i	0.7844-0.0425i	0.0299-0.0058i	1.8205-0.7637i	0.1579-0.3834i	0.2408-0.1985i
8.1	0.8216-0.0012i	-0.0176-0.0053i	1.8168-0.4775i	0.8745-0.0597i	0.0382-0.0095i	2.0141-0.9114i	-0.0643-0.4109i	-0.1273-0.2223i
8.2	0.8066-0.0323i	-0.0280-0.0122i	1.8800-0.5631i	0.8555-0.0972i	0.0177-0.0007i	2.0247-1.0521i	-0.0843-0.3258i	-0.1675-0.1079i
8.3	0.8150-0.0233i	-0.0299-0.0163i	2.0021-0.6288i	0.8715-0.0956i	0.0045-0.0194i	2.1519-1.0898i	-0.1078-0.3012i	-0.1474-0.1129i
8.4	0.8559-0.0242i	-0.0245-0.0117i	2.1841-0.7062i	0.9261-0.0752i	0.0328+0.0030i	2.4229-1.1432i	-0.1521-0.2739i	-0.2147-0.0596i
8.5	0.9036-0.0347i	-0.0235-0.0142i	2.4192-0.8293i	0.9788-0.0930i	0.0224-0.0101i	2.7554-1.2959i	-0.1840-0.2270i	-0.1735-0.0346i
8.6	0.9532-0.0596i	-0.0250-0.0189i	2.7446-1.0386i	1.0501-0.1272i	0.0238+0.0063i	3.2361-1.5677i	-0.1856-0.2147i	-0.1778+0.0457i
8.7	0.9992-0.1191i	-0.0274-0.0284i	2.9938-1.4118i	1.0972-0.2054i	0.0297-0.0095i	3.5529-2.0901i	-0.2205-0.1926i	-0.1787-0.1292i
8.8	1.0752-0.1839i	-0.0330-0.0313i	3.4308-1.8695i	1.2032-0.2916i	0.0198-0.0271i	4.1530-2.7073i	-0.2616-0.1176i	-0.1495-0.0952i
8.9	1.0967-0.2941i	-0.0357-0.0242i	3.6280-2.6437i	1.2359-0.4298i	-0.0015-0.0002i	4.3883-3.7790i	-0.2581-0.0233i	-0.4400-0.7103i
9.0	1.1604-0.4035i	-0.0244-0.0488i	4.0742-3.5285i	1.3098-0.5671i	0.0051-0.0502i	4.9740-4.9543i	-0.2609+0.1182i	-1.8182+0.1395i
9.1	1.0216-0.5768i	-0.0586-0.0865i	2.9326-4.7447i	1.1269-0.8005i	-0.0136-0.1028i	3.3458-6.6266i	0.1370+0.1759i	-0.6401+2.1424i
9.2	1.1399-0.5688i	-0.0901-0.0704i	4.0194-5.0289i	1.2890-0.8005i	-0.0671-0.0743i	4.8001-6.9170i	-0.0130-0.2305i	0.3587+0.7100i
9.3	1.0748-1.0228i	-0.1446-0.0654i	3.0513-8.5063i	1.1797-1.4011i	-0.0669-0.0648i	3.4458-11.5870i	-0.1850-0.0973i	0.0657+1.0950i
9.4	0.5694-1.2477i	-0.1875-0.0083i	-1.0839-9.9154i	0.4911-1.6736i	-0.1416-0.0361i	-2.1443-13.3805i	-0.1893+0.0440i	0.5941+1.3440i
9.5	0.1138-1.0108i	-0.1654+0.0593i	-4.4580-7.8259i	-0.1024-1.3509i	-0.1167+0.0180i	-6.6530-10.4948i	-0.0845+0.1039i	1.2416+0.8685i
9.6	-0.0117-0.6643i	-0.1203+0.1029i	-5.1971-5.1033i	-0.2429-0.8820i	-0.0877+0.0594i	-7.5836-6.7998i	-0.0187+0.0680i	1.4398+0.1763i
9.7	0.0166-0.4424i	-0.0898+0.1157i	-4.8451-3.4642i	-0.2029-0.5906i	-0.0584+0.0671i	-7.0761-4.5726i	0.0313+0.0490i	1.2955-0.2783i
9.8	0.0764-0.2965i	-0.0647+0.1210i	-4.3421-2.4245i	-0.1135-0.3958i	-0.0332+0.0848i	-6.3635-3.1770i	0.0362+0.0108i	1.0950-0.6608i
9.9	0.1506-0.2045i	-0.0289+0.1050i	-3.8582-1.8240i	-0.0219-0.2850i	-0.0106+0.0833i	-5.6894-2.3834i	0.0254-0.0183i	0.6124-0.8696i
10.0	0.2100-0.1573i	-0.0106+0.0933i	-3.4673-1.4066i	0.0607-0.2231i	0.0137+0.0492i	-5.1453-1.8262i	0.0234-0.0366i	0.2211-0.7729i
10.1	0.2525-0.1136i	-0.0027+0.0761i	-3.0950-1.1141i	0.1239-0.1570i	0.0180+0.0552i	-4.6439-1.4391i	0.0159-0.0451i	0.1235-0.5567i
10.2	0.3028-0.0825i	0.0095+0.0592i	-2.7971-0.9386i	0.1789-0.1236i	0.0181+0.0394i	-4.2436-1.2184i	0.0224-0.0399i	-0.0002-0.4715i
10.3	0.3358-0.0783i	0.0094+0.0571i	-2.5658-0.8751i	0.2228-0.1177i	0.0308+0.0319i	-3.9266-1.1096i	0.0195-0.0315i	0.0150-0.3869i
10.4	0.3611-0.0620i	0.0176+0.0571i	-2.4482-0.8310i	0.2625-0.0992i	0.0304+0.0236i	-3.7590-1.0484i	0.0215-0.0458i	-0.0520-0.3307i
10.5	0.3827-0.0409i	0.0162+0.0502i	-2.3556-0.7183i	0.2863-0.0687i	0.0484+0.0498i	-3.6156-0.9045i	0.0214-0.0502i	-0.0426-0.3092i
10.6	0.4104-0.0336i	0.0276+0.0397i	-2.2191-0.6171i	0.3234-0.0591i	0.0453+0.0272i	-3.4187-0.7928i	0.0041-0.0348i	0.0251-0.3681i
10.7	0.4232-0.0220i	0.0272+0.0390i	-2.0906-0.5607i	0.3452-0.0469i	0.0375+0.0334i	-3.2543-0.7268i	0.0143-0.0397i	-0.1292-0.3084i
10.8	0.4531-0.0129i	0.0272+0.0337i	-2.0097-0.5400i	0.3775-0.0419i	0.0360+0.0202i	-3.1591-0.7134i	0.0136-0.0459i	-0.1740-0.2409i
10.9	0.4600-0.0013i	0.0403+0.0340i	-1.9481-0.4795i	0.3926-0.0268i	0.0459+0.0292i	-3.0876-0.6357i	0.0228-0.0395i	-0.2152-0.2517i
11.0	0.4833-0.0022i	0.0422+0.0206i	-1.8940-0.4318i	0.4059-0.0239i	0.0595+0.0082i	-3.0287-0.5710i	0.0313-0.0409i	-0.2965-0.1459i
11.1	0.4970+0.0060i	0.0442+0.0204i	-1.8037-0.3740i	0.4362-0.0211i	0.0548+0.0216i	-2.9001-0.5026i	0.0293-0.0412i	-0.1910-0.1338i
11.2	0.5134-0.0069i	0.0457+0.0068i	-1.7072-0.3542i	0.4612-0.0297i	0.0668+0.0031i	-2.7815-0.4788i	0.0266-0.0430i	-0.2315-0.1706i
11.3	0.5357-0.0015i	0.0549-0.0071i	-1.6469-0.3485i	0.4941-0.0271i	0.0469-0.0145i	-2.7216-0.4924i	0.0216-0.0460i	-0.3203-0.2014i
11.4	0.5487+0.0017i	0.0557-0.0320i	-1.6145-0.3288i	0.5101-0.0156i	0.0496-0.0506i	-2.7164-0.4555i	0.0293-0.0371i	-0.5313+0.0298i
11.5	0.5535+0.0203i	0.0382-0.0478i	-1.5501-0.2984i	0.5127-0.0057i	0.0220-0.0512i	-2.6517-0.4065i	0.0362-0.0264i	-0.3165+0.4268i
11.6	0.5661+0.0201i	0.0069-0.0376i	-1.5012-0.2727i	0.5345-0.0085i	0.0062-0.0336i	-2.6006-0.3561i	0.0492-0.0249i	0.0851+0.4072i
11.7	0.5924+0.0302i	0.0029-0.0342i	-1.4326-0.2739i	0.5616-0.0001i	-0.0010-0.0128i	-2.5154-0.3439i	0.0592-0.0337i	0.1437+0.2311i
11.8	0.6048+0.0352i	-0.0064-0.0233i	-1.3861-0.2806i	0.5730+0.0065i	-0.0102-0.0347i	-2.4589-0.3487i	0.0641-0.0346i	0.1787+0.1580i
11.9	0.6177+0.0184i	-0.0012-0.0131i	-1.3503-0.2842i	0.5916-0.0059i	-0.0071-0.0089i	-2.4182-0.3300i	0.0804-0.0415i	0.2015+0.0871i

12.0	0.6455+0.0257i	0.0049-0.0158i	-1.3106-0.3054i	0.6245-0.0002i	0.0523+0.0038i	-2.3818-0.3552i	0.0885-0.0488i	0.1569+0.0317i
12.1	0.6699+0.0367i	0.0130-0.0160i	-1.2906-0.3048i	0.6384+0.0038i	0.0420+0.0110i	-2.3626-0.3547i	0.1092-0.0559i	0.1162-0.0662i
12.2	0.6813+0.0439i	0.0195-0.0133i	-1.2846-0.3056i	0.6578+0.0094i	0.0153+0.0147i	-2.3551-0.3623i	0.1159-0.0547i	0.1221-0.0305i
12.3	0.6955+0.0328i	0.0296-0.0232i	-1.2518-0.3194i	0.6732-0.0041i	0.0154-0.0344i	-2.3387-0.3683i	0.1323-0.0645i	0.1464-0.0378i
12.4	0.7001+0.0279i	0.0357-0.0363i	-1.2107-0.3473i	0.6800-0.0082i	0.0096-0.0265i	-2.3069-0.3920i	0.1354-0.0855i	0.1067-0.0551i
12.5	0.7162+0.0310i	0.0411-0.0450i	-1.1808-0.3682i	0.6966-0.0170i	0.0402-0.0678i	-2.2685-0.4048i	0.1535-0.1080i	0.0812-0.0651i
12.6	0.7377+0.0287i	0.0324-0.0608i	-1.2011-0.4182i	0.7238-0.0098i	0.0449-0.0437i	-2.3029-0.4510i	0.1663-0.1428i	0.0332-0.0470i
12.7	0.7567+0.0424i	0.0262-0.0665i	-1.2369-0.4428i	0.7299-0.0109i	0.0076-0.0558i	-2.3594-0.4887i	0.1581-0.1621i	0.0037-0.0289i
12.8	0.7714+0.0372i	0.0231-0.0784i	-1.2933-0.4447i	0.7651-0.0181i	0.0224-0.0672i	-2.4230-0.4935i	0.1538-0.1663i	-0.0004-0.0194i
12.9	0.7849+0.0403i	0.0136-0.0813i	-1.3133-0.4135i	0.7708+0.0069i	0.0196-0.0831i	-2.4551-0.4590i	0.1670-0.1799i	-0.0695+0.1041i
13.0	0.8069+0.0439i	0.0119-0.0840i	-1.3201-0.3740i	0.7889-0.0028i	-0.0181-0.0755i	-2.4859-0.4340i	0.1746-0.1833i	-0.0619+0.1936i
13.1	0.8215+0.0626i	0.0021-0.0903i	-1.2911-0.3406i	0.8183+0.0175i	-0.0132-0.0922i	-2.4557-0.3918i	0.1717-0.1925i	0.0536+0.3038i
13.2	0.8297+0.0752i	-0.0114-0.0997i	-1.2884-0.3187i	0.8421+0.0325i	-0.0308-0.0579i	-2.5042-0.3547i	0.1537-0.2272i	0.2235+0.3396i
13.3	0.8566+0.0634i	-0.0174-0.0983i	-1.2494-0.3108i	0.8692+0.0206i	-0.0332-0.0726i	-2.4839-0.3345i	0.1534-0.2729i	0.4507+0.2777i
13.4	0.8903+0.0862i	-0.0238-0.0997i	-1.2290-0.3156i	0.9127+0.0239i	-0.0441-0.1004i	-2.4874-0.3340i	0.1411-0.3046i	0.4824+0.1028i
13.5	0.9292+0.0910i	-0.0331-0.0937i	-1.2066-0.3160i	0.9686+0.0358i	-0.0704-0.0477i	-2.4721-0.3388i	0.0915-0.3042i	0.5531+0.1194i
13.6	0.9714+0.1024i	-0.0351-0.0928i	-1.1760-0.3242i	1.0091+0.0372i	-0.0611-0.0488i	-2.4576-0.3361i	0.0653-0.2581i	0.6115+0.0268i
13.7	1.0110+0.1044i	-0.0290-0.0903i	-1.1483-0.3721i	1.0600+0.0189i	-0.0465-0.0358i	-2.4257-0.3961i	0.0856-0.2660i	0.6149-0.0737i
13.8	1.0684+0.1097i	-0.0446-0.0882i	-1.1511-0.4150i	1.1073-0.0065i	-0.0752-0.0033i	-2.4588-0.4524i	0.0671-0.2725i	0.6313-0.1687i
13.9	1.1265+0.1037i	-0.0374-0.0689i	-1.1651-0.4702i	1.1694-0.0367i	-0.0798+0.0580i	-2.5118-0.5481i	0.0644-0.2059i	0.6264-0.3330i
14.0	1.1876+0.0872i	-0.0054-0.0883i	-1.1901-0.5199i	1.1921-0.0660i	0.0215+0.0472i	-2.5790-0.6228i	0.1030-0.1922i	0.6301-0.3208i
14.1	1.2227+0.0618i	-0.0053-0.1145i	-1.2244-0.5626i	1.2089-0.0994i	0.0531-0.0098i	-2.6570-0.7062i	0.1388-0.2042i	0.6268-0.3641i
14.2	1.2740+0.0242i	-0.0151-0.1392i	-1.2769-0.6097i	1.2435-0.1272i	0.0230-0.0641i	-2.7756-0.8075i	0.1404-0.2077i	0.7077-0.4212i
14.3	1.3114+0.0111i	-0.0319-0.1483i	-1.3651-0.6268i	1.2660-0.1409i	0.0227-0.0305i	-2.9638-0.8266i	0.1842-0.2000i	0.7193-0.7364i
14.4	1.3363-0.0178i	-0.0628-0.1553i	-1.4547-0.6252i	1.2863-0.1548i	0.0241-0.0557i	-3.1579-0.8261i	0.2503-0.1916i	0.4690-0.8828i
14.5	1.3751-0.0408i	-0.0633-0.1629i	-1.5001-0.5793i	1.3231-0.1753i	0.0388-0.1012i	-3.2975-0.7792i	0.2816-0.2072i	0.4862-0.8085i
14.6	1.4242-0.0704i	-0.0575-0.1783i	-1.5168-0.5573i	1.3572-0.1827i	0.0170-0.0870i	-3.4125-0.7575i	0.3327-0.2086i	0.5186-0.9805i
14.7	1.4818-0.0955i	-0.0784-0.1867i	-1.5594-0.5711i	1.4234-0.2165i	-0.0096-0.1425i	-3.5999-0.8159i	0.4412-0.2642i	0.6577-1.1554i
14.8	1.4886-0.1449i	-0.1172-0.2211i	-1.6182-0.5797i	1.4439-0.2474i	-0.0379-0.1924i	-3.8378-0.8230i	0.5058-0.3160i	0.7829-1.6128i
14.9	1.5540-0.1330i	-0.1423-0.2239i	-1.7009-0.5895i	1.5036-0.2308i	-0.1001-0.2163i	-4.1243-0.8202i	0.5919-0.3495i	0.2776-2.2082i
15.0	1.6239-0.1381i	-0.1884-0.2277i	-1.8208-0.5400i	1.5660-0.2403i	-0.0892-0.2297i	-4.4991-0.7054i	0.7171-0.4611i	-0.5377-2.3564i
15.1	1.6773-0.1755i	-0.2334-0.1958i	-1.8843-0.4717i	1.6509-0.2814i	-0.1788-0.1663i	-4.7656-0.4481i	0.7779-0.6537i	-1.1211-1.8835i
15.2	1.7407-0.1754i	-0.2327-0.1465i	-1.9001-0.4573i	1.7074-0.2807i	-0.1548-0.1174i	-4.8716-0.2920i	0.8666-0.7826i	-1.1198-1.6340i
15.3	1.8294-0.2157i	-0.2334-0.1287i	-1.9629-0.3908i	1.8138-0.3418i	-0.1519-0.0681i	-5.0550-0.0735i	0.8923-0.9604i	-1.4266-1.4830i
15.4	1.9108-0.2784i	-0.2316-0.1272i	-1.9984-0.3420i	1.9034-0.3755i	-0.1753-0.1133i	-5.2435+0.0892i	0.9615-1.1081i	-1.6142-1.2728i
15.5	2.0357-0.3119i	-0.2013-0.1462i	-2.0598-0.2478i	2.0118-0.4349i	-0.1465-0.1395i	-5.4299+0.2513i	1.0466-1.3353i	-1.8030-0.9275i
15.6	2.1298-0.3543i	-0.2065-0.1673i	-2.0731-0.1238i	2.1355-0.5021i	-0.1599-0.2187i	-5.6280+0.4916i	1.0920-1.8217i	-1.9180-0.5315i
15.7	2.2891-0.4799i	-0.2417-0.2275i	-2.1189+0.0081i	2.2863-0.6124i	-0.1556-0.2386i	-6.0301+0.7372i	0.9563-2.1597i	-1.9878-0.3008i
15.8	2.4166-0.5875i	-0.3204-0.2993i	-1.9860+0.1588i	2.4309-0.7407i	-0.3079-0.4042i	-6.3296+1.0051i	1.1053-2.8965i	-1.8421+0.0730i
15.9	2.5759-0.6617i	-0.4399-0.3161i	-1.8472+0.1462i	2.6345-0.8620i	-0.4895-0.3944i	-6.7846+1.2699i	0.7764-3.8559i	-1.5761+0.3409i
16.0	2.7855-0.8464i	-0.6028-0.2389i	-1.7604-0.0231i	2.8426-1.1173i	-0.7199-0.2319i	-7.3250+1.8719i	-0.1651-4.7534i	-1.3605+0.1923i
16.1	2.9308-1.0531i	-0.7313-0.1086i	-1.8574-0.1974i	2.9878-1.3465i	-0.8341-0.0492i	-7.8037+2.5036i	-1.8746-4.9401i	-1.7327-0.4225i
16.2	3.1761-1.3014i	-0.7609+0.0764i	-1.9198-0.2792i	3.1852-1.6358i	-0.8896+0.2284i	-8.2336+3.3897i	-3.2000-4.4968i	-2.8540+0.2224i
16.3	3.4775-1.6808i	-0.6424+0.2421i	-2.0949-0.3433i	3.4346-2.1079i	-0.7384+0.4368i	-8.5070+4.4940i	-4.1442-3.6135i	-2.6634+1.4519i
16.4	3.5722-2.2790i	-0.5654+0.3182i	-2.2431-0.4129i	3.4469-2.7132i	-0.6413+0.5347i	-8.4626+5.8592i	-4.7389-2.5366i	-2.2241+2.2320i
16.5	3.5815-3.0160i	-0.4983+0.3276i	-2.6328-0.6389i	3.3499-3.4827i	-0.5185+0.4055i	-8.2350+7.4865i	-4.8331-1.9721i	-1.7343+3.3483i
16.6	3.3177-3.8024i	-0.5707+0.2840i	-3.4089-0.4247i	2.9857-4.2860i	-0.6890+0.3713i	-7.9030+9.3292i	-5.7772-1.9030i	1.5305+4.4783i
16.7	2.9077-4.2089i	-0.6457+0.5176i	-3.5714+0.2689i	2.5192-4.6549i	-0.8482+0.7790i	-6.4502+11.0595i	-7.3158-0.2658i	2.5022-0.4073i
16.8	2.1414-4.9996i	-0.4676+0.7016i	-3.5208+0.9522i	1.7056-5.3318i	-0.6499+1.0970i	-3.5903+12.5400i	-6.2849+3.2515i	-0.5918+0.0379i
16.9	1.1593-5.2974i	-0.2156+0.8787i	-3.3471+1.2060i	0.6695-5.6364i	-0.0708+1.3118i	-0.8762+12.7037i	-4.1691+3.5070i	0.4585+1.1447i
17.0	0.0443-5.2775i	0.0107+0.7768i	-3.0802+1.5567i	-0.4852-5.5437i	0.1141+1.1936i	1.8571+11.7640i	-1.8945+3.3590i	-0.1865+1.1964i
17.1	-0.6956-4.6736i	0.0602+0.5614i	-3.2613+1.9439i	-1.3224-4.8212i	0.2517+0.9012i	3.4478+9.8080i	-3.7380+2.1288i	-1.1001-0.4848i
17.2	-1.0447-4.4321i	0.2782+0.7346i	-2.5861+2.4504i	-1.6491-4.5120i	0.5557+1.1548i	4.0956+8.9530i	-1.9702+4.1706i	0.5224+2.7381i
17.3	-1.4579-3.9255i	0.4109+0.4135i	-2.1876+2.1927i	-2.0664-3.9324i	0.7806+0.6665i	4.8493+7.2302i	-0.7587+2.5113i	1.3841+1.2035i
17.4	-1.6753-3.4140i	0.3131+0.2518i	-2.1782+2.2870i	-2.2523-3.3252i	0.6386+0.4611i	4.9181+5.7784i	-1.6057+2.3785i	0.5840+0.0582i
17.5	-1.6786-3.0750i	0.2336+0.2408i	-2.0811+2.5500i	-2.2079-2.9255i	0.5197+0.3703i	4.4542+4.8426i	-1.6910+2.9730i	-0.1064+1.1929i
17.6	-1.7570-2.8522i	0.2570+0.2136i	-1.5985+2.6920i	-2.2028-2.6519i	0.5382+0.3387i	4.1463+4.3267i	-0.8630+3.4874i	1.3938+1.1893i
17.7	-1.8477-2.5594i	0.2354+0.1299i	-1.1965+2.5566i	-2.2173-2.3581i	0.5162+0.2049i	4.0825+3.7673i	-0.0851+3.2075i	1.1032-0.0794i
17.8	-1.9315-2.2779i	0.1920+0.0818i	-0.9291+2.3790i	-2.2536-2.0713i	0.4849+0.1604i	4.0419+3.0910i	0.3355+2.7884i	0.5931+0.1517i
17.9	-1.9723-1.9846i	0.1620+0.0559i	-0.7904+2.2162i	-2.2606-1.7996i	0.4197+0.1408i	3.8467+2.5536i	0.5175+2.4623i	0.6829+0.0777i
18.0	-1.9444-1.7319i	0.1268+0.0291i	-0.6629+2.0287i	-2.2034-1.5486i	0.3729+0.1101i	3.5221+2.0515i	0.6897+2.1419i	0.5589-0.0361i
18.1	-1.8998-1.4852i	0.0994+0.0073i	-0.6347+1.9021i	-2.1506-1.3302i	0.3355+0.0737i	3.2455+1.6881i	0.7431+1.8846i	0.4521-0.1178i
18.2	-1.8219-1.2873i	0.0618+0.0015i	-0.6263+1.8248i	-2.0580-1.1324i	0.3241+0.0688i	2.9641+1.4068i	0.7755+1.6788i	0.3847-0.1311i

18.3	−1.7314−1.1204i	0.0295+0.0173i	−0.5799+1.7582i	−1.9636−0.9695i	0.2877+0.0700i	2.7312+1.1875i	0.7987+1.4868i	0.3226−0.1330i
18.4	−1.6282−0.9489i	−0.0107+0.0414i	−0.4680+1.6702i	−1.8393−0.8035i	0.2460+0.0859i	2.4911+0.8862i	0.7964+1.3171i	0.2240−0.0985i
18.5	−1.5119−0.8231i	−0.0193+0.0805i	−0.3743+1.4594i	−1.7039−0.6868i	0.2509+0.1098i	2.1378+0.4744i	0.8512+1.1482i	0.1680−0.0246i
18.6	−1.3917−0.7668i	0.0244+0.0994i	−0.5900+1.0784i	−1.5674−0.6785i	0.2807+0.1421i	1.2041+0.3883i	0.7789+0.7649i	0.2536+0.0208i
18.7	−1.3360−0.7109i	0.0403+0.0463i	−0.9740+1.3115i	−1.5830−0.6371i	0.3201+0.0757i	1.0461+1.1135i	0.4437+0.8107i	0.2912−0.0873i
18.8	−1.2868−0.6372i	−0.0014+0.0269i	−0.9101+1.5302i	−1.5390−0.5279i	0.3044+0.0343i	1.2380+1.1742i	0.4678+0.8648i	0.2217−0.1468i
18.9	−1.2046−0.5574i	−0.0307+0.0519i	−0.8254+1.5919i	−1.4603−0.4274i	0.2729+0.0478i	1.2124+1.1081i	0.4643+0.8810i	0.1260−0.1717i
19.0	−1.1381−0.4941i	−0.0372+0.0737i	−0.7619+1.6404i	−1.3893−0.3426i	0.2653+0.0519i	1.1828+1.0594i	0.4606+0.8783i	0.0949−0.1236i
19.1	−1.0610−0.4520i	−0.0406+0.0905i	−0.7131+1.6876i	−1.3119−0.2782i	0.2579+0.0592i	1.0725+1.0574i	0.4924+0.9012i	0.0617−0.1174i
19.2	−0.9987−0.4138i	−0.0340+0.1090i	−0.6585+1.7280i	−1.2355−0.2227i	0.2589+0.0562i	1.0094+1.0712i	0.5451+0.8842i	0.0312−0.1004i
19.3	−0.9351−0.3875i	−0.0285+0.1210i	−0.5899+1.8031i	−1.1617−0.1784i	0.2753+0.0677i	0.9722+1.1018i	0.5680+0.8736i	0.0003−0.0729i
19.4	−0.8781−0.3696i	−0.0162+0.1357i	−0.4649+1.8392i	−1.0810−0.1458i	0.2771+0.0444i	0.9789+1.1191i	0.6355+0.8387i	−0.0241−0.0489i
19.5	−0.8205−0.3470i	−0.0008+0.1375i	−0.3297+1.8343i	−0.9995−0.1126i	0.2777+0.0389i	1.0129+1.1074i	0.6826+0.7542i	−0.0273−0.0098i
19.6	−0.7592−0.3230i	0.0099+0.1382i	−0.2070+1.7394i	−0.9180−0.0944i	0.2878+0.0365i	1.0269+1.0097i	0.6971+0.6802i	−0.0228+0.0035i
19.7	−0.7073−0.3104i	0.0192+0.1376i	−0.2130+1.6542i	−0.8551−0.0761i	0.2939+0.0214i	0.9640+0.8811i	0.7052+0.6017i	−0.0138+0.0045i
19.8	−0.6595−0.2975i	0.0319+0.1407i	−0.1699+1.6823i	−0.7856−0.0576i	0.3026+0.0135i	0.8548+0.8311i	0.7345+0.5509i	−0.0313+0.0276i
19.9	−0.6000−0.2966i	0.0508+0.1329i	−0.0829+1.6701i	−0.7001−0.0534i	0.3065−0.0134i	0.7411+0.8224i	0.7323+0.4789i	−0.0322+0.0456i
20.0	−0.5550−0.3069i	0.0632+0.1213i	−0.0013+1.6349i	−0.6353−0.0665i	0.2917−0.0258i	0.6669+0.8566i	0.7395+0.3962i	−0.0227+0.0749i
20.1	−0.5302−0.3092i	0.0734+0.1056i	0.1342+1.5824i	−0.5827−0.0870i	0.2905−0.0630i	0.6320+0.8752i	0.7490+0.3311i	−0.0125+0.0858i
20.2	−0.5045−0.3171i	0.0748+0.0961i	0.2096+1.4869i	−0.5401−0.1103i	0.2938−0.0636i	0.6353+0.8789i	0.7209+0.2586i	0.0088+0.0922i
20.3	−0.4680−0.3173i	0.0690+0.0854i	0.2555+1.3379i	−0.4956−0.1306i	0.2717−0.0485i	0.6059+0.8497i	0.6753+0.1850i	0.0232+0.1036i
20.4	−0.4395−0.3383i	0.0639+0.0746i	0.2156+1.2589i	−0.4719−0.1690i	0.2742−0.0516i	0.5636+0.8377i	0.6195+0.1380i	0.0363+0.1073i
20.5	−0.4107−0.3601i	0.0591+0.0629i	0.1720+1.2061i	−0.4430−0.1993i	0.2760−0.0776i	0.4962+0.8500i	0.5842+0.1186i	0.0404+0.0991i
20.6	−0.3835−0.3764i	0.0542+0.0608i	0.1450+1.1554i	−0.4222−0.2322i	0.2818−0.0831i	0.4419+0.8746i	0.5699+0.0953i	0.0532+0.0944i
20.7	−0.3712−0.3747i	0.0517+0.0557i	0.1259+1.1211i	−0.4024−0.2337i	0.2862−0.0893i	0.3876+0.8952i	0.5285+0.0473i	0.0633+0.0972i
20.8	−0.3639−0.3994i	0.0433+0.0489i	0.1181+1.1213i	−0.4050−0.2619i	0.2756−0.1100i	0.3864+0.9648i	0.5036+0.0373i	0.0738+0.1010i
20.9	−0.3481−0.4159i	0.0357+0.0499i	0.1125+1.0924i	−0.3872−0.2840i	0.2721−0.1155i	0.3618+0.9603i	0.4485+0.0431i	0.0856+0.0838i
21.0	−0.3503−0.4211i	0.0359+0.0510i	0.1140+1.0933i	−0.3884−0.2866i	0.2941−0.1363i	0.3148+1.0045i	0.4293+0.0216i	0.0909+0.0844i
21.1	−0.3431−0.4424i	0.0346+0.0498i	0.1199+1.0958i	−0.3912−0.3129i	0.2885−0.1602i	0.2941+1.0540i	0.3889+0.0161i	0.0967+0.0744i
21.2	−0.3492−0.4716i	0.0276+0.0499i	0.0931+1.1106i	−0.3983−0.3383i	0.2915−0.1944i	0.2774+1.1379i	0.4027−0.0059i	0.0987+0.0681i
21.3	−0.3496−0.4639i	0.0225+0.0552i	0.0927+1.1316i	−0.4000−0.3267i	0.2923−0.2113i	0.2835+1.2413i	0.3809−0.0391i	0.1086+0.0715i
21.4	−0.3765−0.4806i	0.0166+0.0627i	0.1568+1.1897i	−0.4229−0.3376i	0.2858−0.2368i	0.3795+1.3869i	0.3467−0.0350i	0.1243+0.0528i
21.5	−0.4006−0.5002i	0.0141+0.0707i	0.2829+1.2290i	−0.4436−0.3439i	0.2787−0.2639i	0.5637+1.4362i	0.2685−0.0498i	0.1212+0.0321i
21.6	−0.4002−0.4974i	0.0196+0.0809i	0.3342+1.1879i	−0.4375−0.3368i	0.2434−0.3004i	0.6644+1.4448i	0.2504−0.0619i	0.1284+0.0124i
21.7	−0.4320−0.4895i	0.0283+0.0916i	0.4120+1.1321i	−0.4545−0.3189i	0.2144−0.3303i	0.7954+1.3756i	0.2268−0.0418i	0.1122−0.0060i
21.8	−0.4755−0.4759i	0.0478+0.1029i	0.4787+1.0792i	−0.4793−0.3016i	0.1549−0.3544i	0.8869+1.3012i	0.1923−0.0313i	0.0971−0.0249i
21.9	−0.5136−0.4673i	0.0658+0.1081i	0.5238+1.0108i	−0.4935−0.2989i	0.1118−0.3838i	0.9546+1.2231i	0.2050+0.0020i	0.0721−0.0281i
22.0	−0.5208−0.4451i	0.0959+0.1018i	0.5803+0.9323i	−0.4774−0.2794i	0.0361−0.3765i	1.0478+1.1247i	0.2129+0.0067i	0.0530−0.0374i
22.1	−0.5166−0.4186i	0.1054+0.0903i	0.5897+0.8544i	−0.4687−0.2730i	−0.0319−0.3490i	1.0743+1.0389i	0.2025−0.0141i	0.0447−0.0260i
22.2	−0.5108−0.3915i	0.1158+0.0735i	0.5857+0.7748i	−0.4566−0.2633i	−0.0355−0.2805i	1.0720+0.9263i	0.1694−0.0207i	0.0258−0.0165i
22.3	−0.5230−0.3457i	0.1210+0.0475i	0.6165+0.7420i	−0.4589−0.2326i	−0.0796−0.2620i	1.1384+0.9228i	0.1463−0.0531i	0.0292+0.0193i
22.4	−0.5069−0.3266i	0.1197+0.0193i	0.5666+0.6535i	−0.4559−0.2353i	−0.0768−0.2100i	1.0384+0.8724i	0.1625−0.0464i	0.0203+0.0437i
22.5	−0.5002−0.2955i	0.1090+0.0140i	0.5993+0.6156i	−0.4452−0.2130i	−0.0498−0.1975i	1.1614+0.7984i	0.0837−0.0485i	0.0566+0.0479i
22.6	−0.4835−0.2751i	0.0996+0.0012i	0.5628+0.5152i	−0.4398−0.2022i	−0.0547−0.1747i	1.0653+0.6296i	0.0962+0.0324i	0.0560+0.0366i
22.7	−0.4910−0.2598i	0.0896−0.0105i	0.5173+0.4702i	−0.4484−0.1944i	−0.0446−0.1649i	0.9820+0.5884i	0.1368+0.0258i	0.0536+0.0347i
22.8	−0.4789−0.2406i	0.0880−0.0189i	0.4951+0.4037i	−0.4421−0.1823i	−0.0483−0.1414i	0.9798+0.4989i	0.1170+0.0487i	0.0633+0.0239i
22.9	−0.4676−0.2275i	0.0856−0.0285i	0.4587+0.3529i	−0.4322−0.1819i	−0.0203−0.1351i	0.9533+0.4248i	0.1049+0.0580i	0.0669+0.0250i
23.0	−0.4486−0.2079i	0.0741−0.0421i	0.4086+0.3223i	−0.4228−0.1639i	−0.0092−0.1595i	0.8832+0.3918i	0.1173+0.0676i	0.0651+0.0144i
23.1	−0.4332−0.1967i	0.0675−0.0443i	0.3952+0.3215i	−0.4077−0.1528i	−0.0009−0.1458i	0.9078+0.3862i	0.0671+0.0521i	0.0782+0.0147i
23.2	−0.4158−0.1957i	0.0655−0.0412i	0.3604+0.2914i	−0.4055−0.1474i	−0.0222−0.1663i	0.8511+0.3290i	0.0821+0.0483i	0.0737+0.0099i
23.3	−0.4041−0.1800i	0.0528−0.0656i	0.3300+0.2682i	−0.3949−0.1437i	0.0027−0.1764i	0.7976+0.2965i	0.1158+0.0756i	0.0702+0.0022i
23.4	−0.4059−0.1674i	0.0453−0.0664i	0.3070+0.2536i	−0.3951−0.1315i	−0.0246−0.1657i	0.7705+0.2567i	0.0815+0.0721i	0.0793−0.0034i
23.5	−0.3884−0.1467i	0.0393−0.0586i	0.2752+0.2389i	−0.3812−0.1143i	−0.0258−0.1695i	0.7256+0.2250i	0.0729+0.0970i	0.0785−0.0107i
23.6	−0.3787−0.1521i	0.0187−0.0550i	0.2371+0.2319i	−0.3707−0.1161i	−0.0619−0.1811i	0.6497+0.2325i	0.0954+0.1211i	0.0658−0.0141i
23.7	−0.3745−0.1508i	−0.0056−0.0419i	0.2153+0.2160i	−0.3655−0.1133i	−0.1179−0.1427i	0.6152+0.2338i	0.1116+0.1149i	0.0562−0.0110i
23.8	−0.3661−0.1333i	−0.0093−0.0286i	0.1882+0.2174i	−0.3555−0.1010i	−0.0990−0.0964i	0.6048+0.2226i	0.0922+0.1119i	0.0670−0.0131i
23.9	−0.3655−0.1319i	−0.0132−0.0295i	0.1611+0.2200i	−0.3576−0.1039i	−0.0904−0.1149i	0.5453+0.2163i	0.0848+0.1365i	0.0657−0.0227i
24.0	−0.3428−0.1260i	−0.0101−0.0280i	0.1246+0.2235i	−0.3418−0.0970i	−0.0800−0.0890i	0.4843+0.2621i	0.1472+0.1165i	0.0491−0.0111i
24.1	−0.3358−0.1172i	−0.0085−0.0219i	0.1081+0.2246i	−0.3374−0.0866i	−0.0836−0.0902i	0.4516+0.2345i	0.1501+0.1139i	0.0486−0.0240i
24.2	−0.3221−0.1044i	−0.0165−0.0241i	0.0930+0.2367i	−0.3213−0.0736i	−0.1011−0.0787i	0.4063+0.2277i	0.1509+0.1263i	0.0446−0.0315i
24.3	−0.3027−0.1057i	−0.0109−0.0156i	0.0697+0.2488i	−0.3062−0.0778i	−0.0948−0.0624i	0.4092+0.2848i	0.1277+0.0999i	0.0497−0.0165i
24.4	−0.2996−0.1020i	−0.0196−0.0130i	0.0637+0.2525i	−0.3034−0.0684i	−0.0745−0.0568i	0.3847+0.3011i	0.1336+0.1312i	0.0394−0.0222i
24.5	−0.2954−0.1021i	−0.0172−0.0020i	0.0548+0.2586i	−0.3073−0.0765i	−0.0857−0.0299i	0.3952+0.2995i	0.1412+0.1401i	0.0421−0.0223i

24.6	-0.2882-0.1045i	-0.0091+0.0003i	0.0315+0.2782i	-0.2939-0.0718i	-0.0695-0.0145i	0.3845+0.3029i	0.1377+0.1753i	0.0481-0.0292i
24.7	-0.2667-0.0951i	-0.0121+0.0011i	0.0258+0.2919i	-0.2758-0.0613i	-0.0719-0.0283i	0.3660+0.3528i	0.1909+0.1895i	0.0323-0.0247i
24.8	-0.2624-0.0924i	-0.0219+0.0060i	0.0327+0.2956i	-0.2697-0.0632i	-0.0727-0.0208i	0.4046+0.3761i	0.2409+0.1375i	0.0358-0.0180i
24.9	-0.2543-0.0867i	-0.0222+0.0094i	0.0224+0.2925i	-0.2695-0.0549i	-0.0608-0.0210i	0.3929+0.3722i	0.2544+0.0552i	0.0341-0.0165i
25.0	-0.2619-0.0845i	-0.0176+0.0027i	0.0191+0.3071i	-0.2746-0.0534i	-0.0632-0.0378i	0.3875+0.3716i	0.2304+0.0319i	0.0386-0.0123i
25.1	-0.2562-0.0930i	-0.0168+0.0026i	0.0102+0.3429i	-0.2692-0.0600i	-0.0287-0.0378i	0.4011+0.4074i	0.2342+0.0411i	0.0443-0.0154i
25.2	-0.2382-0.0868i	-0.0170+0.0086i	0.0268+0.3547i	-0.2550-0.0491i	-0.0447-0.0187i	0.4130+0.4284i	0.2579+0.0234i	0.0441-0.0202i
25.3	-0.2333-0.0879i	-0.0137+0.0044i	0.0333+0.3726i	-0.2459-0.0455i	-0.0435-0.0189i	0.4030+0.4292i	0.2457-0.0314i	0.0352-0.0163i
25.4	-0.2318-0.0743i	-0.0192+0.0136i	0.0474+0.3816i	-0.2435-0.0358i	-0.0381-0.0237i	0.4250+0.4472i	0.1912-0.0488i	0.0422-0.0176i
25.5	-0.2270-0.0693i	-0.0159+0.0137i	0.0814+0.3792i	-0.2415-0.0260i	-0.0335-0.0193i	0.4734+0.4438i	0.1899-0.0085i	0.0412-0.0258i
25.6	-0.2241-0.0654i	-0.0178+0.0163i	0.1261+0.3684i	-0.2345-0.0228i	-0.0358-0.0400i	0.5048+0.4390i	0.1917+0.0383i	0.0334-0.0300i
25.7	-0.2141-0.0617i	-0.0206+0.0037i	0.1565+0.3379i	-0.2241-0.0315i	-0.0466-0.0266i	0.5701+0.4105i	0.2247+0.0311i	0.0297-0.0228i
25.8	-0.2037-0.0659i	-0.0203+0.0107i	0.1675+0.3270i	-0.2114-0.0319i	-0.0432-0.0148i	0.5772+0.3857i	0.2044+0.0020i	0.0243-0.0251i
25.9	-0.1965-0.0633i	-0.0193+0.0124i	0.1857+0.3057i	-0.2023-0.0260i	-0.0454-0.0168i	0.6013+0.3435i	0.1825-0.0002i	0.0218-0.0304i
26.0	-0.1872-0.0570i	-0.0171+0.0166i	0.1858+0.2724i	-0.1904-0.0251i	-0.0537-0.0129i	0.5858+0.2877i	0.1917+0.0004i	0.0113-0.0255i
26.1	-0.1742-0.0466i	-0.0204+0.0166i	0.1616+0.2509i	-0.1798-0.0178i	-0.0286-0.0023i	0.5791+0.2413i	0.1923-0.0054i	0.0151-0.0291i
26.2	-0.1797-0.0439i	-0.0249+0.0212i	0.1512+0.2318i	-0.1882-0.0101i	-0.0192-0.0032i	0.5883+0.2004i	0.1883-0.0131i	0.0205-0.0269i
26.3	-0.1681-0.0436i	-0.0298+0.0216i	0.1283+0.2432i	-0.1767-0.0075i	-0.0348+0.0162i	0.5500+0.1897i	0.1820-0.0218i	0.0203-0.0192i
26.4	-0.1565-0.0513i	-0.0268+0.0271i	0.1355+0.2463i	-0.1625-0.0099i	-0.0344+0.0043i	0.5352+0.1850i	0.1930-0.0617i	0.0158-0.0201i
26.5	-0.1497-0.0471i	-0.0240+0.0273i	0.1469+0.2229i	-0.1615-0.0052i	-0.0220+0.0101i	0.5554+0.1231i	0.1958-0.0950i	0.0161-0.0263i
26.6	-0.1404-0.0394i	-0.0266+0.0344i	0.1427+0.2195i	-0.1535-0.0019i	-0.0409+0.0025i	0.5358+0.1052i	0.2110-0.0881i	0.0154-0.0231i
26.7	-0.1348-0.0402i	-0.0268+0.0378i	0.1487+0.2179i	-0.1460-0.0022i	-0.0432+0.0015i	0.5339+0.1116i	0.1846-0.0749i	0.0127-0.0222i
26.8	-0.1293-0.0408i	-0.0211+0.0442i	0.1572+0.2148i	-0.1333-0.0013i	-0.0304-0.0103i	0.5052+0.0801i	0.1766-0.0622i	0.0087-0.0248i
26.9	-0.1215-0.0385i	-0.0093+0.0439i	0.1559+0.1972i	-0.1205+0.0019i	-0.0021-0.0197i	0.4981+0.0436i	0.1927-0.0943i	0.0117-0.0231i
27.0	-0.1137-0.0376i	-0.0115+0.0445i	0.1522+0.1720i	-0.1159+0.0039i	-0.0284-0.0024i	0.5075+0.0069i	0.1792-0.1241i	0.0095-0.0195i
27.1	-0.1017-0.0372i	-0.0138+0.0442i	0.1533+0.1522i	-0.1024-0.0040i	-0.0190+0.0257i	0.4920-0.0440i	0.1284-0.0927i	0.0078-0.0197i
27.2	-0.0982-0.0391i	-0.0167+0.0523i	0.1491+0.1497i	-0.0936-0.0136i	-0.0186+0.0059i	0.4675-0.0583i	0.1069-0.0620i	0.0109-0.0263i
27.3	-0.0954-0.0482i	-0.0045+0.0464i	0.1557+0.1417i	-0.0858-0.0220i	-0.0078+0.0047i	0.4328-0.0780i	0.1344-0.0755i	0.0029-0.0256i
27.4	-0.0881-0.0506i	0.0014+0.0485i	0.1507+0.1380i	-0.0820-0.0227i	-0.0024+0.0117i	0.3975-0.1119i	0.1362-0.1109i	0.0036-0.0203i
27.5	-0.0810-0.0449i	0.0065+0.0482i	0.1466+0.1218i	-0.0817-0.0174i	0.0002+0.0143i	0.3629-0.1094i	0.1470-0.1144i	-0.0029-0.0143i
27.6	-0.0810-0.0429i	0.0060+0.0411i	0.1380+0.1009i	-0.0743-0.0247i	0.0077+0.0240i	0.3332-0.1151i	0.1123-0.0801i	-0.0031-0.0181i
27.7	-0.0741-0.0430i	0.0108+0.0457i	0.1336+0.0947i	-0.0668-0.0171i	0.0161+0.0267i	0.3258-0.1348i	0.1239-0.1322i	0.0036-0.0137i
27.8	-0.0709-0.0385i	0.0182+0.0395i	0.1358+0.0926i	-0.0639-0.0222i	0.0188+0.0003i	0.2930-0.1458i	0.0941-0.1245i	0.0010-0.0160i
27.9	-0.0580-0.0352i	0.0269+0.0396i	0.1331+0.0868i	-0.0474-0.0102i	0.0325+0.0226i	0.2403-0.1792i	0.0659-0.1103i	-0.0006-0.0172i
28.0	-0.0593-0.0390i	0.0235+0.0336i	0.1211+0.0653i	-0.0514-0.0171i	0.0139+0.0003i	0.2196-0.1931i	0.0901-0.0932i	-0.0006-0.0214i
28.1	-0.0496-0.0309i	0.0288+0.0216i	0.1118+0.0429i	-0.0429-0.0128i	0.0136+0.0096i	0.1756-0.2048i	0.0564-0.0883i	-0.0068-0.0172i
28.2	-0.0488-0.0267i	0.0246+0.0203i	0.0980+0.0487i	-0.0451-0.0045i	0.0114-0.0039i	0.1062-0.2095i	0.0291-0.1335i	-0.0124-0.0171i
28.3	-0.0441-0.0319i	0.0176+0.0114i	0.0856+0.0327i	-0.0418-0.0211i	-0.0054-0.0268i	0.0774-0.1761i	0.0303-0.1661i	-0.0049-0.0097i
28.4	-0.0359-0.0257i	0.0160+0.0112i	0.0906+0.0259i	-0.0327-0.0186i	-0.0055-0.0543i	0.0364-0.1474i	0.0093-0.1784i	-0.0075+0.0056i
28.5	-0.0294-0.0370i	0.0043+0.0135i	0.0773+0.0203i	-0.0192-0.0213i	-0.0142-0.0200i	0.0333-0.1102i	0.0575-0.1615i	-0.0103+0.0023i
28.6	-0.0255-0.0296i	0.0071+0.0136i	0.0678+0.0058i	-0.0319-0.0220i	-0.0041-0.0114i	0.0031-0.1002i	0.0276-0.1668i	-0.0117+0.0059i
28.7	-0.0213-0.0300i	0.0089+0.0198i	0.0569-0.0016i	-0.0196-0.0237i	0.0075-0.0100i	0.0053-0.0800i	0.0280-0.1633i	-0.0093+0.0101i
28.8	-0.0120-0.0223i	-0.0012+0.0200i	0.0352+0.0050i	-0.0133-0.0227i	-0.0059-0.0056i	-0.0124-0.0397i	0.0119-0.1627i	-0.0087+0.0097i
28.9	-0.0072-0.0323i	0.0000+0.0105i	0.0251-0.0040i	-0.0064-0.0198i	0.0074-0.0177i	-0.0238-0.0370i	-0.0155-0.1772i	-0.0056+0.0094i
29.0	-0.0046-0.0242i	0.0051+0.0142i	0.0232-0.0113i	-0.0102-0.0150i	0.0009-0.0183i	-0.0302-0.0270i	-0.0512-0.1300i	0.0015+0.0063i
29.1	0.0029-0.0228i	0.0092+0.0157i	0.0236+0.0035i	0.0060-0.0125i	-0.0306-0.0377i	-0.0313-0.0102i	-0.0667-0.0401i	0.0042-0.0051i
29.2	0.0142-0.0183i	0.0012+0.0145i	0.0259+0.0057i	0.0189-0.0134i	-0.0213-0.0114i	-0.0072+0.0097i	-0.1196-0.0766i	0.0111-0.0021i
29.3	0.0097-0.0250i	0.0086+0.0155i	0.0137-0.0109i	0.0163-0.0098i	-0.0226-0.0078i	0.0039-0.0039i	-0.0691-0.1512i	0.0042+0.0153i
29.4	0.0267-0.0273i	0.0082+0.0163i	0.0032-0.0040i	0.0140-0.0041i	0.0014+0.0105i	-0.0114-0.0073i	-0.0510-0.1311i	-0.0014+0.0128i
29.5	0.0367-0.0170i	0.0070+0.0155i	-0.0007-0.0069i	0.0266-0.0131i	-0.0113-0.0176i	-0.0192-0.0117i	-0.0394-0.0825i	-0.0059+0.0089i
29.6	0.0369-0.0179i	0.0017+0.0189i	0.0016-0.0034i	0.0406-0.0096i	-0.0135+0.0076i	-0.0227+0.0154i	-0.1061-0.0313i	0.0058-0.0030i
29.7	0.0331-0.0209i	0.0028+0.0178i	-0.0194-0.0079i	0.0322-0.0091i	0.0257-0.0241i	-0.0336+0.0227i	-0.1633-0.0987i	0.0091+0.0079i
29.8	0.0402-0.0213i	0.0070+0.0110i	-0.0206-0.0271i	0.0389-0.0198i	-0.0011+0.0117i	-0.0340-0.0219i	-0.1385-0.2433i	0.0045+0.0187i
29.9	0.0662-0.0233i	0.0256+0.0038i	0.0546-0.0241i	0.0869-0.0311i	-0.0134+0.0013i	0.0198-0.0794i	0.0439+0.0057i	-0.0128+0.0082i
30.0	0.0689-0.0103i	0.0114+0.0090i	-0.0158-0.0358i	0.0713-0.0208i	-0.0061-0.0024i	-0.0479-0.0274i	-0.1009-0.1086i	0.0047+0.0031i
30.1	0.0802-0.0049i	0.0206+0.0247i	-0.0208+0.0009i	0.0858+0.0029i	-0.0087+0.0372i	-0.0425-0.0061i	-0.0773+0.0585i	-0.0030-0.0170i
30.2	0.0784-0.0063i	0.0078+0.0207i	-0.0268-0.0019i	0.0870-0.0083i	-0.0012+0.0156i	-0.0519-0.0159i	-0.0781+0.1127i	0.0040-0.0217i
30.3	0.0811-0.0194i	0.0084+0.0163i	-0.0274-0.0034i	0.0835-0.0128i	-0.0174+0.0229i	-0.0551+0.0245i	-0.1046+0.0680i	0.0012-0.0125i
30.4	0.0970-0.0090i	0.0054+0.0237i	-0.0294+0.0005i	0.0983-0.0049i	-0.0203+0.0156i	-0.0418+0.0279i	-0.1603+0.0900i	0.0111-0.0123i
30.5	0.1017-0.0035i	0.0151+0.0184i	-0.0354+0.0024i	0.1011-0.0046i	0.0064+0.0052i	-0.0615-0.0167i	-0.1581+0.1447i	0.0067-0.0164i
30.6	0.1103-0.0094i	0.0174+0.0108i	-0.0292-0.0091i	0.1151-0.0105i	0.0122+0.0349i	-0.0731-0.0101i	-0.1198+0.0764i	-0.0033-0.0039i
30.7	0.1193-0.0170i	0.0136+0.0162i	-0.0238-0.0184i	0.1254-0.0183i	0.0132+0.0066i	-0.0799-0.0048i	-0.0865-0.0057i	-0.0091-0.0062i
30.8	0.1268-0.0075i	-0.0020+0.0106i	-0.0322-0.0068i	0.1284-0.0190i	-0.0108+0.0053i	-0.0940-0.0096i	-0.0554-0.0101i	-0.0084-0.0089i

30.9	0.1394-0.0085i	0.0070+0.0185i	-0.0200-0.0044i	0.1480-0.0091i	0.0056-0.0071i	-0.0965-0.0056i	-0.0397+0.1062i	-0.0089-0.0112i
31.0	0.1383-0.0042i	0.0086+0.0123i	-0.0331-0.0177i	0.1533-0.0076i	0.0150+0.0141i	-0.1057-0.0103i	-0.0697+0.1121i	-0.0105-0.0055i
31.1	0.1486-0.0069i	0.0040+0.0095i	-0.0333-0.0325i	0.1573-0.0106i	0.0143+0.0032i	-0.1073-0.0162i	-0.1120+0.0789i	-0.0044+0.0086i
31.2	0.1609-0.0099i	0.0038+0.0072i	-0.0259-0.0188i	0.1695-0.0099i	0.0015+0.0226i	-0.1031-0.0233i	-0.0875-0.0273i	-0.0132+0.0017i
31.3	0.1671-0.0187i	0.0066+0.0208i	-0.0306-0.0223i	0.1757-0.0165i	0.0272+0.0165i	-0.1391-0.0252i	-0.1565+0.0989i	0.0026-0.0168i
31.4	0.1729-0.0185i	0.0106+0.0217i	-0.0449-0.0271i	0.1864-0.0155i	0.0143+0.0326i	-0.1380-0.0293i	0.0657+0.0212i	-0.0080-0.0259i
31.5	0.1808-0.0279i	0.0184+0.0347i	-0.0219-0.0555i	0.2004-0.0218i	0.0198+0.0244i	-0.1322-0.0220i	-0.0932+0.0295i	-0.0162-0.0099i
31.6	0.1929-0.0136i	0.0181+0.0366i	-0.0284-0.0608i	0.2076-0.0084i	0.0281+0.0219i	-0.1567-0.0016i	-0.1930+0.0915i	-0.0141+0.0067i
31.7	0.2050-0.0200i	0.0222+0.0542i	-0.0281-0.0719i	0.2290-0.0068i	0.0258+0.0266i	-0.1735-0.0123i	-0.0623+0.1119i	-0.0038-0.0102i
31.8	0.2157-0.0261i	0.0483+0.0584i	-0.0288-0.0882i	0.2475-0.0142i	0.0167+0.0168i	-0.1817-0.0180i	-0.0196+0.1143i	-0.0172-0.0153i
31.9	0.2238-0.0151i	0.0481+0.0436i	-0.0344-0.0784i	0.2557-0.0176i	0.0363+0.0077i	-0.1906-0.0318i	-0.0542+0.0890i	-0.0271-0.0092i
32.0	0.2339-0.0265i	0.0681+0.0215i	-0.0265-0.0899i	0.2779-0.0289i	0.0060+0.0026i	-0.2129-0.0032i	-0.1894+0.0905i	-0.0477+0.0042i
32.1	0.2367-0.0238i	0.0707-0.0015i	-0.0220-0.0962i	0.2757-0.0498i	0.0464-0.0050i	-0.2177+0.0009i	-0.1549+0.2052i	-0.0272+0.0169i
32.2	0.2470-0.0287i	0.0549+0.0011i	-0.0537-0.1124i	0.2866-0.0579i	0.0411-0.0050i	-0.2496-0.0240i	-0.0373+0.1781i	-0.0073+0.0048i
32.3	0.2631-0.0244i	0.0561+0.0221i	-0.0528-0.1056i	0.3003-0.0403i	0.0235+0.0305i	-0.2369-0.0181i	-0.0257+0.1845i	-0.0090-0.0003i
32.4	0.2605-0.0187i	0.0890+0.0090i	-0.0630-0.1030i	0.3110-0.0440i	0.0308+0.0225i	-0.2277-0.0340i	-0.0072+0.1546i	-0.0080-0.0073i
32.5	0.2775-0.0234i	0.0427-0.0365i	-0.0862-0.1006i	0.3054-0.0536i	0.0248+0.0016i	-0.2787-0.0068i	-0.0346+0.0680i	-0.0264+0.0046i
32.6	0.2991-0.0296i	0.0150-0.0392i	-0.0864-0.1114i	0.3142-0.0666i	0.0129+0.0164i	-0.2723+0.0024i	0.0295+0.1098i	-0.0258+0.0136i
32.7	0.3091-0.0205i	0.0332-0.0591i	-0.0989-0.1196i	0.3245-0.0788i	0.0234-0.0077i	-0.2843+0.0101i	-0.0141+0.1358i	-0.0088+0.0374i
32.8	0.3223-0.0276i	0.0212-0.0145i	-0.0919-0.1178i	0.3535-0.0675i	0.0336+0.0012i	-0.2672+0.0116i	-0.0134+0.1516i	-0.0142+0.0064i
32.9	0.3518-0.0479i	0.0260-0.0042i	-0.1150-0.1363i	0.3666-0.0693i	0.0267+0.0189i	-0.2721+0.0163i	-0.0914+0.0927i	-0.0143+0.0286i
33.0	0.3539-0.0332i	0.0415-0.0600i	-0.1182-0.1219i	0.3749-0.0973i	0.0438+0.0085i	-0.2914+0.0270i	-0.0467+0.1024i	-0.0222+0.0492i
33.1	0.3489-0.0408i	0.0758-0.0714i	-0.1199-0.1023i	0.3965-0.0959i	0.0450-0.0121i	-0.2781+0.0041i	-0.0465+0.1766i	-0.0303+0.0301i
33.2	0.3691-0.0591i	0.0466-0.0291i	-0.1335-0.1139i	0.3963-0.1017i	0.0246-0.0123i	-0.2970+0.0499i	-0.0669+0.2106i	-0.0188+0.0437i
33.3	0.3776-0.0750i	0.0292-0.0344i	-0.1358-0.0995i	0.3993-0.1131i	0.0225+0.0045i	-0.2830+0.0366i	-0.0143+0.1926i	0.0036+0.0184i
33.4	0.3830-0.0750i	0.0095-0.0380i	-0.1345-0.1275i	0.3925-0.1210i	0.0207+0.0141i	-0.2846+0.0259i	0.0051+0.1813i	0.0024+0.0163i
33.5	0.3836-0.0904i	0.0190-0.0315i	-0.1391-0.1264i	0.3894-0.1364i	0.0466+0.0104i	-0.3077+0.0074i	0.0520+0.1581i	-0.0104+0.0187i
33.6	0.3864-0.0751i	0.0109-0.0568i	-0.1361-0.0926i	0.3981-0.1357i	0.0269-0.0157i	-0.2984+0.0025i	0.1225+0.1897i	-0.0020+0.0195i
33.7	0.3755-0.0796i	0.0028+0.0077i	-0.1290-0.0977i	0.3930-0.1034i	0.0400-0.0383i	-0.3294-0.0294i	0.0422+0.1344i	-0.0230+0.0062i
33.8	0.3702-0.0669i	0.0651-0.0663i	-0.1333-0.0988i	0.4131-0.1089i	0.0347-0.0341i	-0.3440+0.0120i	0.0445+0.1500i	-0.0306+0.0266i
33.9	0.3745-0.0452i	0.0570-0.0738i	-0.1446-0.0946i	0.4101-0.1029i	0.0705-0.0097i	-0.3941+0.0328i	0.0108+0.1817i	-0.0459+0.0642i
34.0	0.4082-0.0000i	0.0806-0.0793i	-0.0923-0.0819i	0.4639-0.0597i	0.0432-0.0047i	-0.4055+0.0292i	-0.0484+0.1178i	-0.0769+0.0502i
34.1	0.4379+0.0399i	0.0480-0.1123i	-0.0355-0.1108i	0.4904-0.0408i	0.0373-0.0199i	-0.3151+0.0648i	0.0336+0.1347i	-0.0356+0.0493i
34.2	0.4889+0.0356i	0.0607-0.0593i	-0.0437-0.1472i	0.5478-0.0178i	0.0476-0.0304i	-0.3595+0.0127i	0.0632+0.1498i	-0.0270+0.0524i
34.3	0.5619+0.0487i	0.0363-0.0748i	-0.0677-0.1880i	0.6058-0.0421i	0.0476-0.0097i	-0.4181-0.0027i	-0.0362+0.1909i	-0.0427+0.0856i
34.4	0.6153+0.0343i	0.0339-0.1181i	-0.0907-0.2079i	0.6702-0.0630i	0.0194-0.0510i	-0.3823+0.0317i	0.0106+0.1607i	-0.0357+0.0887i
34.5	0.6657+0.0216i	0.0070-0.1257i	-0.1315-0.2544i	0.7067-0.0850i	0.0118-0.0064i	-0.3696+0.0232i	0.0677+0.1667i	-0.0089+0.1079i
34.6	0.7264+0.0160i	-0.0042-0.1282i	-0.1394-0.2708i	0.7837-0.1078i	0.0104-0.0044i	-0.3936-0.0067i	0.0518+0.1477i	-0.0095+0.0939i
34.7	0.7850-0.0203i	-0.0173-0.1370i	-0.1526-0.2631i	0.8320-0.1527i	0.0223-0.0106i	-0.3793+0.0165i	0.0812+0.1793i	0.0081+0.1011i
34.8	0.8304-0.0766i	-0.0344-0.1358i	-0.1947-0.2545i	0.8602-0.2232i	-0.0013-0.0189i	-0.3924+0.0107i	0.0713+0.1714i	0.0301+0.1206i
34.9	0.8477-0.1098i	-0.0404-0.1293i	-0.2240-0.2264i	0.8739-0.2485i	-0.0115-0.0208i	-0.3925+0.0303i	0.0855+0.2240i	0.0599+0.1121i
35.0	0.8732-0.1520i	-0.0454-0.1274i	-0.2142-0.2208i	0.8939-0.3059i	0.0109-0.0208i	-0.3582+0.0145i	0.1240+0.1941i	0.0649+0.1032i
35.1	0.9243-0.1879i	-0.0667-0.1385i	-0.2168-0.2199i	0.9393-0.3497i	-0.0113-0.0120i	-0.3439-0.0000i	0.1403+0.1608i	0.0732+0.1030i
35.2	0.9451-0.2547i	-0.1117-0.0902i	-0.2333-0.1827i	0.9413-0.4031i	-0.0159-0.0049i	-0.2866-0.1023i	0.2884+0.1581i	0.1340+0.0541i
35.3	0.9573-0.2958i	-0.0930-0.1003i	-0.2187-0.1607i	0.9631-0.4381i	-0.0335-0.0076i	-0.3133-0.1114i	0.3505+0.1199i	0.1327+0.0412i
35.4	1.0225-0.3331i	-0.0758-0.1510i	-0.2380-0.2067i	1.0191-0.5334i	0.0128-0.0014i	-0.4160-0.0921i	0.1975+0.0964i	0.0974+0.0745i
35.5	1.0264-0.3803i	-0.0746-0.1417i	-0.2495-0.2058i	1.0219-0.5800i	0.0107-0.0066i	-0.5088-0.1450i	0.0943+0.0569i	0.0747+0.0651i
35.6	1.0383-0.4489i	-0.1015-0.0975i	-0.2445-0.2032i	1.0075-0.6258i	0.0047+0.0006i	-0.4966-0.2416i	0.1430+0.0206i	0.0931+0.0400i
35.7	1.0103-0.4939i	-0.1216-0.0791i	-0.2561-0.2026i	0.9703-0.6728i	-0.0100+0.0211i	-0.4943-0.2887i	0.2138-0.0186i	0.1251+0.0134i
35.8	1.0465-0.5372i	-0.1215-0.1026i	-0.2599-0.2205i	0.9927-0.7374i	-0.0199+0.0371i	-0.5791-0.2845i	0.1134-0.0480i	0.1012+0.0165i
35.9	1.0533-0.6226i	-0.1465-0.1063i	-0.2813-0.2341i	0.9742-0.8359i	0.0011+0.0143i	-0.6539-0.3018i	0.0769-0.0386i	0.1091+0.0533i
36.0	1.0165-0.6619i	-0.1696-0.0798i	-0.2983-0.2015i	0.9117-0.8488i	-0.0422+0.0132i	-0.7390-0.2957i	0.0662-0.0344i	0.1274+0.0401i
36.1	1.0525-0.6978i	-0.1441-0.0992i	-0.2958-0.1956i	0.9484-0.9063i	-0.0244+0.0205i	-0.8187-0.2708i	0.1010+0.0334i	0.1201+0.0501i
36.2	1.0548-0.7749i	-0.1476-0.1096i	-0.3267-0.1795i	0.9423-0.9896i	-0.0302+0.0213i	-0.9179-0.2151i	0.0797+0.0139i	0.1454+0.0583i
36.3	1.0617-0.7888i	-0.1446-0.0938i	-0.3328-0.1654i	0.9478-1.0019i	-0.0411+0.0636i	-0.9535-0.2189i	0.0363+0.0171i	0.1250+0.0260i
36.4	1.0541-0.8013i	-0.1632-0.0642i	-0.3154-0.1505i	0.9394-0.9863i	-0.0090+0.0759i	-0.9786-0.2139i	0.0091+0.0238i	0.1531+0.0081i
36.5	1.0512-0.8883i	-0.1862-0.0581i	-0.3130-0.1395i	0.9070-1.0686i	-0.0361+0.0641i	-1.0775-0.1502i	0.0252+0.0745i	0.1811-0.0004i
36.6	1.0754-0.9485i	-0.1823-0.0704i	-0.3105-0.1282i	0.9186-1.1464i	-0.0113+0.0852i	-1.1678-0.1167i	0.0174+0.0887i	0.1857+0.0072i
36.7	1.0660-1.0110i	-0.1819-0.0702i	-0.2988-0.1205i	0.9194-1.2049i	-0.0361+0.1248i	-1.1869-0.0631i	0.0377+0.1309i	0.1923-0.0164i
36.8	1.0700-1.0509i	-0.2068-0.0707i	-0.2819-0.1224i	0.8969-1.2437i	-0.0090+0.1300i	-1.2775-0.0444i	0.0329+0.1127i	0.1787-0.0128i
36.9	1.0600-1.0792i	-0.1934-0.0352i	-0.2614-0.1252i	0.8849-1.2459i	-0.0382+0.1326i	-1.2721+0.0306i	0.0611+0.1220i	0.2065-0.0428i
37.0	1.0263-1.1774i	-0.2221-0.0132i	-0.2346-0.1155i	0.8314-1.3358i	-0.0014+0.1925i	-1.3296+0.0812i	0.0830+0.1737i	0.2190-0.0536i
37.1	1.0416-1.2747i	-0.2472-0.0045i	-0.2377-0.1382i	0.8032-1.4303i	0.0216+0.1616i	-1.4838+0.1754i	0.0618+0.1775i	0.2215-0.0297i

37.2	1.0181-1.3379i	-0.2333-0.0274i	-0.2385-0.1639i	0.7717-1.5015i	0.0428+0.2087i	-1.4921+0.2285i	0.0990+0.0911i	0.2338-0.0909i
37.3	0.9723-1.3939i	-0.2474+0.0061i	-0.2213-0.1226i	0.7230-1.5259i	0.0360+0.2443i	-1.5038+0.3007i	0.1412+0.1592i	0.2603-0.1334i
37.4	0.9627-1.4532i	-0.2656+0.0316i	-0.2226-0.1654i	0.6994-1.5647i	0.0981+0.2143i	-1.5785+0.4346i	0.1357+0.1524i	0.3147-0.1612i
37.5	0.9386-1.5385i	-0.2703+0.0467i	-0.1854-0.1710i	0.6548-1.6311i	0.1090+0.2390i	-1.6160+0.5143i	0.1501+0.1660i	0.2779-0.1895i
37.6	0.8857-1.5880i	-0.2857+0.0688i	-0.1559-0.1902i	0.6117-1.6564i	0.1543+0.2370i	-1.6126+0.5978i	0.1380+0.0990i	0.2158-0.2558i
37.7	0.8743-1.6400i	-0.2814+0.0733i	-0.1509-0.2108i	0.5946-1.6983i	0.2009+0.2703i	-1.6690+0.6479i	0.1481+0.0290i	0.2065-0.3233i
37.8	0.8470-1.7403i	-0.2685+0.0840i	-0.1326-0.2496i	0.5725-1.7952i	0.2528+0.2906i	-1.7244+0.7354i	0.1916+0.0037i	0.1933-0.3572i
37.9	0.7724-1.7686i	-0.2502+0.1135i	-0.1099-0.2937i	0.5200-1.8130i	0.3050+0.2607i	-1.6984+0.8383i	0.1923-0.0079i	0.1636-0.3951i
38.0	0.6408-1.8615i	-0.2378+0.1507i	-0.1380-0.3612i	0.3952-1.8634i	0.3438+0.2657i	-1.6436+1.0206i	0.1659+0.0281i	0.1359-0.4388i
38.1	0.5536-1.9165i	-0.2144+0.1917i	-0.1745-0.4186i	0.3322-1.8851i	0.3942+0.2117i	-1.6221+1.1669i	0.1769-0.0096i	0.1046-0.4204i
38.2	0.4716-1.9190i	-0.1723+0.1879i	-0.2226-0.4354i	0.2795-1.8905i	0.4487+0.1680i	-1.5570+1.2312i	0.1653-0.0634i	0.0711-0.4695i
38.3	0.3562-1.9095i	-0.1430+0.1660i	-0.2586-0.4565i	0.1896-1.8916i	0.4612+0.1369i	-1.4476+1.3498i	0.1397-0.0995i	0.0457-0.5226i
38.4	0.2677-1.9547i	-0.1272+0.1908i	-0.2985-0.4780i	0.1265-1.9265i	0.4986+0.0775i	-1.3620+1.5159i	0.1034-0.0406i	0.0019-0.4726i
38.5	0.2769-1.9791i	-0.1193+0.1674i	-0.3188-0.4911i	0.1435-1.9765i	0.5207+0.0610i	-1.3686+1.5313i	0.0795-0.0478i	-0.0934-0.5129i
38.6	0.2148-1.9889i	-0.0966+0.1308i	-0.3412-0.5256i	0.1022-2.0257i	0.5480-0.0321i	-1.2980+1.5993i	0.0970-0.0995i	-0.1353-0.5755i
38.7	0.1809-2.0235i	-0.0907+0.1277i	-0.3794-0.5498i	0.0802-2.0609i	0.5492-0.0738i	-1.2063+1.7016i	0.0602-0.1155i	-0.2086-0.5712i
38.8	0.1131-2.0732i	-0.1127+0.1058i	-0.4299-0.5861i	-0.0159-2.1478i	0.5463-0.1409i	-1.1317+1.8472i	-0.0154-0.1516i	-0.3273-0.6070i
38.9	0.0897-2.0410i	-0.1146+0.1088i	-0.4858-0.6025i	-0.0317-2.1251i	0.5450-0.1968i	-1.0287+1.8331i	-0.0316-0.1410i	-0.3959-0.5435i
39.0	0.0511-2.0606i	-0.1248+0.0941i	-0.5377-0.6054i	-0.0766-2.1588i	0.4957-0.2250i	-0.9466+1.8938i	-0.0835-0.1715i	-0.4968-0.5645i
39.1	-0.0557-2.0896i	-0.1528+0.0782i	-0.6093-0.6129i	-0.2266-2.2157i	0.4811-0.3158i	-0.8116+2.0016i	-0.1087-0.2005i	-0.5784-0.5963i
39.2	-0.1755-2.1037i	-0.1557+0.0761i	-0.6938-0.5784i	-0.3663-2.2466i	0.4436-0.3367i	-0.6376+2.0095i	-0.1602-0.1896i	-0.6358-0.5579i
39.3	-0.2770-2.0945i	-0.1780+0.0856i	-0.7511-0.5398i	-0.5023-2.2324i	0.4053-0.3728i	-0.4813+2.0127i	-0.2345-0.1517i	-0.7476-0.4856i
39.4	-0.3283-2.1084i	-0.1933+0.1145i	-0.8211-0.5144i	-0.5644-2.2202i	0.3560-0.4222i	-0.3394+2.0012i	-0.2873-0.0965i	-0.8402-0.3318i
39.5	-0.3616-2.1146i	-0.2163+0.1362i	-0.8809-0.4557i	-0.6206-2.2298i	0.3409-0.4248i	-0.2063+1.9328i	-0.3435-0.0274i	-0.9427-0.2286i
39.6	-0.4818-2.1687i	-0.2592+0.1711i	-0.9439-0.4016i	-0.7946-2.2573i	0.3386-0.4613i	-0.0955+1.8955i	-0.4298+0.0434i	-1.0884-0.0757i
39.7	-0.5622-2.1175i	-0.2561+0.2023i	-0.9723-0.3234i	-0.8966-2.1981i	0.2496-0.4718i	0.0090+1.7863i	-0.4652+0.1339i	-1.0995+0.0709i
39.8	-0.6388-2.0513i	-0.2290+0.2341i	-0.9457-0.2443i	-0.9672-2.1029i	0.2187-0.4811i	0.0656+1.6837i	-0.4163+0.2496i	-1.0448+0.2263i
39.9	-0.7506-2.0678i	-0.2235+0.2860i	-0.9725-0.2122i	-1.0892-2.0715i	0.1894-0.4594i	0.1719+1.6796i	-0.4279+0.3508i	-1.0243+0.4061i
40.0	-0.8313-2.0177i	-0.2215+0.3112i	-1.0196-0.1121i	-1.1784-2.0136i	0.1597-0.4958i	0.3292+1.4760i	-0.4471+0.4435i	-1.0504+0.5714i
40.1	-0.8901-1.9400i	-0.1875+0.3215i	-0.9776-0.0204i	-1.2189-1.9171i	0.1243-0.4496i	0.2902+1.2981i	-0.3603+0.4954i	-0.9165+0.6745i
40.2	-0.9560-1.8340i	-0.1475+0.3494i	-0.9153+0.0516i	-1.2852-1.7677i	0.0579-0.4493i	0.2345+1.1913i	-0.2410+0.5532i	-0.7418+0.7888i
40.3	-1.0405-1.8104i	-0.1082+0.3622i	-0.8608+0.1263i	-1.3492-1.7415i	0.0056-0.4777i	0.2231+1.0929i	-0.1848+0.6448i	-0.6007+0.9024i
40.4	-1.0544-1.7831i	-0.0859+0.3611i	-0.7951+0.1349i	-1.3444-1.7026i	0.0169-0.4528i	0.1444+1.0340i	-0.1088+0.6700i	-0.4903+0.9270i
40.5	-1.0818-1.7125i	-0.0575+0.3822i	-0.7440+0.1556i	-1.3682-1.5957i	0.0015-0.4258i	0.0464+0.9869i	-0.0063+0.6779i	-0.3519+0.9815i
40.6	-1.1570-1.6686i	-0.0058+0.3735i	-0.6786+0.1564i	-1.4219-1.5469i	-0.0123-0.4223i	-0.0076+0.9734i	0.0932+0.6883i	-0.1715+0.9656i
40.7	-1.1845-1.6442i	0.0180+0.3833i	-0.6352+0.1640i	-1.4544-1.5168i	-0.0515-0.4373i	-0.0623+0.9968i	0.1807+0.6889i	-0.0910+0.9760i
40.8	-1.2001-1.6085i	0.0372+0.3727i	-0.6124+0.1204i	-1.4456-1.4682i	-0.0641-0.4346i	-0.1153+1.0456i	0.2497+0.6307i	-0.0046+0.9300i
40.9	-1.2252-1.5052i	0.0555+0.3365i	-0.6041+0.1065i	-1.4588-1.3810i	-0.0519-0.4061i	-0.0605+1.0113i	0.2883+0.5627i	0.0722+0.8672i
41.0	-1.2958-1.4060i	0.0651+0.3601i	-0.5222+0.1375i	-1.5335-1.2672i	-0.1251-0.3702i	-0.1374+0.9308i	0.3294+0.5563i	0.1917+0.8552i
41.1	-1.2646-1.3787i	0.1056+0.3337i	-0.4711+0.0539i	-1.4834-1.2300i	-0.1010-0.3726i	-0.2246+1.0823i	0.3806+0.5290i	0.2806+0.7391i
41.2	-1.2834-1.3509i	0.1158+0.3084i	-0.4888+0.0312i	-1.4857-1.2066i	-0.1339-0.3468i	-0.1668+1.1467i	0.4362+0.4652i	0.3243+0.6740i
41.3	-1.3118-1.3073i	0.1362+0.2880i	-0.4723-0.0048i	-1.5006-1.1533i	-0.1495-0.3722i	-0.1537+1.1902i	0.4471+0.3722i	0.3953+0.6115i
41.4	-1.2613-1.2193i	0.1469+0.2992i	-0.5147-0.0470i	-1.4408-1.0540i	-0.1567-0.3388i	-0.0790+1.2183i	0.4161+0.3454i	0.3583+0.5184i
41.5	-1.2218-1.1754i	0.1538+0.2929i	-0.5647-0.0645i	-1.3915-1.0135i	-0.1455-0.3073i	0.0312+1.1988i	0.4188+0.3283i	0.3079+0.4861i
41.6	-1.2459-1.1818i	0.2071+0.2709i	-0.5754-0.0237i	-1.3740-1.0255i	-0.1852-0.2687i	0.0343+1.0374i	0.4243+0.2906i	0.3473+0.5084i
41.7	-1.2290-1.1048i	0.1756+0.1842i	-0.4739-0.0674i	-1.3722-0.9796i	-0.1622-0.2744i	-0.2059+1.0822i	0.4507+0.2677i	0.4324+0.4247i
41.8	-1.1934-1.0928i	0.1598+0.2180i	-0.5071-0.0977i	-1.3407-0.9406i	-0.1995-0.2797i	-0.1749+1.1766i	0.4567+0.2338i	0.3993+0.3800i
41.9	-1.1984-1.1136i	0.1946+0.1870i	-0.5017-0.1209i	-1.3245-0.9506i	-0.1859-0.2905i	-0.1196+1.2966i	0.4767+0.1778i	0.4657+0.3378i
42.0	-1.2110-1.0663i	0.1409+0.1555i	-0.5433-0.1977i	-1.3354-0.9232i	-0.2498-0.2534i	-0.0306+1.2809i	0.4258+0.1210i	0.4299+0.2408i
42.1	-1.2274-1.0794i	0.1713+0.1632i	-0.6321-0.1811i	-1.3198-0.9397i	-0.2520-0.2273i	0.1514+1.2326i	0.4013+0.1228i	0.3539+0.2390i
42.2	-1.1723-1.0005i	0.1200+0.1823i	-0.6573-0.0766i	-1.2996-0.8827i	-0.2276-0.1482i	-0.0890+1.0148i	0.4119+0.1818i	0.3183+0.2536i
42.3	-1.1666-1.0454i	0.1786+0.1919i	-0.5749-0.1868i	-1.2685-0.8937i	-0.2094+0.1678i	-0.2249+1.4095i	0.4630+0.1399i	0.4738+0.1773i
42.4	-1.2055-1.1012i	0.1612+0.1947i	-0.6745-0.2196i	-1.3044-0.9375i	-0.2286-0.1633i	0.0729+1.4479i	0.4574+0.0801i	0.3669+0.1464i
42.5	-1.2404-1.0830i	0.2185+0.2035i	-0.6748-0.2060i	-1.3136-0.9193i	-0.1713-0.1324i	0.1340+1.3296i	0.4013+0.0311i	0.3692+0.1650i
42.6	-1.2462-1.0171i	0.2370+0.1297i	-0.7832-0.2066i	-1.3065-0.8831i	-0.1503-0.1597i	0.1913+1.3849i	0.4081+0.0484i	0.3411+0.1110i
42.7	-1.2450-1.0144i	0.2418+0.1111i	-0.7719-0.1290i	-1.2926-0.8977i	-0.1935-0.1771i	0.2271+1.3413i	0.4700+0.0090i	0.3853+0.0957i
42.8	-1.3123-0.9880i	0.2398+0.0726i	-0.7930-0.1993i	-1.3291-0.8850i	-0.1593-0.1600i	0.3621+1.3162i	0.3660-0.0435i	0.3703+0.0090i
42.9	-1.3148-0.9553i	0.2269+0.0303i	-0.8452-0.1187i	-1.3491-0.8933i	-0.1826-0.1653i	0.3756+1.1589i	0.3343-0.0282i	0.3213+0.0466i
43.0	-1.3065-0.8879i	0.0843+0.0016i	-0.9547-0.1597i	-1.3811-0.8499i	-0.2465-0.1317i	0.4047+1.1764i	0.2479-0.0110i	0.2433-0.0516i
43.1	-1.2503-0.9481i	0.1513+0.1281i	-0.9533+0.0394i	-1.3282-0.8547i	-0.1825-0.0969i	0.4050+1.0844i	0.2950+0.0444i	0.2315+0.1076i
43.2	-1.2673-0.9614i	0.1921+0.0770i	-0.9063+0.0396i	-1.3208-0.8855i	-0.1982-0.1114i	0.4570+1.2070i	0.3110-0.0070i	0.2719+0.0386i
43.3	-1.3051-0.9774i	0.1767+0.0626i	-0.9048+0.1236i	-1.3514-0.9221i	-0.2145-0.1212i	0.5447+1.0424i	0.2918-0.0100i	0.2372+0.0518i
43.4	-1.3833-0.9110i	0.1646+0.0324i	-0.8481+0.1062i	-1.4183-0.8742i	-0.2034-0.0749i	0.5808+0.8217i	0.2571-0.0025i	0.2307+0.0360i

43.5	−1.3073−0.8417i	0.0938+0.0807i	−0.9095+0.1416i	−1.3977−0.8003i	−0.1934−0.0547i	0.3717+0.7562i	0.2729+0.0748i	0.1802+0.0789i
43.6	−1.3623−0.8991i	0.1767+0.0763i	−0.7750+0.1501i	−1.4335−0.8470i	−0.1466−0.0782i	0.2388+0.8212i	0.3019+0.0459i	0.2711+0.0758i
43.7	−1.3644−0.8994i	0.1540+0.0180i	−0.7952+0.1897i	−1.4457−0.8654i	−0.1942−0.1032i	0.2349+0.8895i	0.3127+0.0263i	0.2730+0.0610i
43.8	−1.3342−0.8897i	0.1061+0.0953i	−0.8046+0.1567i	−1.4431−0.8295i	−0.2081−0.0850i	0.2112+1.0586i	0.3264+0.0487i	0.2327+0.0586i
43.9	−1.4106−0.9336i	0.1313+0.1254i	−0.7637+0.2236i	−1.5018−0.8718i	−0.2205−0.0332i	0.4336+1.0314i	0.3376−0.0094i	0.2282+0.0499i
44.0	−1.5220−0.9013i	0.2238+0.0864i	−0.7620+0.2098i	−1.5662−0.8444i	−0.1696−0.0236i	0.6381+0.9084i	0.3081−0.0148i	0.2341+0.0345i
44.1	−1.5062−0.7878i	0.2079+0.0464i	−0.7044+0.2302i	−1.5684−0.7694i	−0.1535−0.0242i	0.3817+0.7264i	0.3318−0.0064i	0.2763+0.0372i
44.2	−1.5255−0.7574i	0.2445+0.0511i	−0.7384+0.1463i	−1.5744−0.7162i	−0.1459−0.0750i	0.4530+0.8533i	0.3110−0.0006i	0.2723−0.0022i
44.3	−1.5434−0.7077i	0.2221+0.0054i	−0.7405+0.2476i	−1.6186−0.7049i	−0.1486−0.0346i	0.3584+0.5881i	0.3019−0.0037i	0.2623+0.0577i
44.4	−1.5448−0.7410i	0.2095−0.0062i	−0.6776+0.2075i	−1.6294−0.7065i	−0.1644−0.0787i	0.3056+0.9289i	0.3272−0.0705i	0.3063+0.0045i
44.5	−1.5669−0.6751i	0.2178−0.0925i	−0.7156+0.1537i	−1.6251−0.6758i	−0.1877−0.1042i	0.4554+0.8914i	0.2964−0.1077i	0.2806−0.0524i
44.6	−1.5263−0.6482i	0.1247−0.0625i	−0.7983+0.2164i	−1.6156−0.6439i	−0.2309−0.0578i	0.5650+0.7961i	0.2514−0.1042i	0.2100−0.0485i
44.7	−1.5665−0.6921i	0.1500+0.0042i	−0.7360+0.3073i	−1.6552−0.6759i	−0.2202−0.0075i	0.6013+0.7020i	0.2385−0.1015i	0.2231−0.0006i
44.8	−1.6276−0.6241i	0.1727−0.0462i	−0.6413+0.2848i	−1.7102−0.6324i	−0.1914+0.0238i	0.6140+0.4793i	0.2106−0.0979i	0.2228−0.0193i
44.9	−1.5772−0.5797i	0.1695−0.0821i	−0.7232+0.3175i	−1.6703−0.6000i	−0.1499−0.0184i	0.4649+0.4132i	0.2308−0.0978i	0.2207+0.0062i
45.0	−1.6301−0.5551i	0.0814−0.1085i	−0.5248+0.2786i	−1.7775−0.5743i	−0.1740−0.0386i	0.3024+0.3548i	0.1919−0.1481i	0.2543−0.0545i
45.1	−1.5412−0.4801i	0.0585−0.0013i	−0.7509+0.2193i	−1.6992−0.4565i	−0.1928−0.0062i	0.3022+0.5054i	0.1485−0.0182i	0.1426−0.0074i
45.2	−1.6184−0.5476i	0.1201−0.0504i	−0.5943+0.3777i	−1.7528−0.5429i	−0.1904−0.0089i	0.3673+0.4572i	0.1997−0.0946i	0.2398−0.0304i
45.3	−1.6495−0.4776i	0.0679−0.0860i	−0.5379+0.2567i	−1.7961−0.4751i	−0.1962−0.0128i	0.2726+0.3391i	0.1158−0.0820i	0.2022−0.0642i
45.4	−1.5835−0.4579i	0.0155−0.0340i	−0.6288+0.2305i	−1.7678−0.4379i	−0.2269−0.0039i	0.1901+0.4850i	0.1481−0.0271i	0.1967−0.0481i
45.5	−1.6108−0.4712i	0.0721+0.0235i	−0.5822+0.3321i	−1.7539−0.4248i	−0.1915+0.0637i	0.2961+0.4424i	0.1648−0.0163i	0.2095−0.0347i
45.6	−1.6627−0.4510i	0.1051−0.0029i	−0.4988+0.2956i	−1.8059−0.4285i	−0.1687+0.0564i	0.3175+0.3230i	0.1491−0.0348i	0.1971−0.0563i
45.7	−1.6421−0.4041i	0.0723−0.0378i	−0.4824+0.2033i	−1.8068−0.3829i	−0.1730+0.0337i	0.1214+0.4250i	0.1063−0.0115i	0.1990−0.0813i
45.8	−1.6872−0.3605i	0.0798−0.0134i	−0.5293+0.1310i	−1.8323−0.3206i	−0.1579+0.0499i	0.2996+0.3407i	0.0598+0.0642i	0.1269−0.0626i
45.9	−1.6365−0.2949i	0.0641−0.0280i	−0.6199+0.1222i	−1.8017−0.2807i	−0.1543+0.0403i	0.1308+0.2372i	0.1163+0.1258i	0.1283−0.0239i
46.0	−1.6385−0.3165i	0.0760−0.0052i	−0.6218+0.2260i	−1.7948−0.3018i	−0.1686+0.0645i	0.1432+0.2551i	0.1551+0.1095i	0.1454+0.0059i
46.1	−1.5957−0.3179i	0.0338−0.0160i	−0.6261+0.2239i	−1.7956−0.2964i	−0.1581+0.0452i	0.0525+0.3352i	0.1673+0.1117i	0.1623−0.0142i
46.2	−1.6350−0.3058i	0.0614+0.0092i	−0.5709+0.2623i	−1.8334−0.2642i	−0.1702+0.0744i	0.1295+0.2479i	0.1617+0.1079i	0.1649−0.0052i
46.3	−1.6450−0.2839i	0.0552+0.0061i	−0.5495+0.2283i	−1.8485−0.2481i	−0.1867+0.0755i	0.0396+0.2115i	0.1703+0.1299i	0.1832−0.0079i
46.4	−1.6455−0.2753i	0.0632+0.0044i	−0.5493+0.2602i	−1.8509−0.2398i	−0.1498+0.1225i	0.0668+0.2076i	0.2248+0.1539i	0.1897−0.0076i
46.5	−1.7010−0.2503i	0.0436+0.0082i	−0.4710+0.2641i	−1.9110−0.1934i	−0.1591+0.0907i	0.0065+0.1803i	0.2482+0.0955i	0.1971−0.0500i
46.6	−1.7098−0.1919i	0.0520+0.0546i	−0.4461+0.2047i	−1.9255−0.1029i	−0.1541+0.1482i	−0.0299+0.0800i	0.2049+0.1543i	0.1654−0.0090i
46.7	−1.7251−0.1719i	0.0877+0.0575i	−0.4368+0.1395i	−1.9335−0.0640i	−0.1026+0.1377i	−0.1131+0.0977i	0.2173+0.1925i	0.1577−0.0209i
46.8	−1.7634−0.1176i	0.1012+0.0286i	−0.4508+0.1075i	−1.9655−0.0110i	−0.0700+0.1383i	−0.1537+0.0563i	0.2829+0.1857i	0.1636−0.0090i
46.9	−1.6928−0.0639i	0.1137+0.0660i	−0.6164−0.0101i	−1.8939+0.0672i	−0.1375+0.1021i	−0.4033+0.1074i	0.2745+0.2369i	0.1486+0.0376i
47.0	−1.6926−0.0698i	0.1595+0.0097i	−0.6385+0.1712i	−1.8715+0.0570i	−0.1184+0.1307i	−0.2965+0.1670i	0.3512+0.1695i	0.2040+0.0231i
47.1	−1.6902−0.0555i	0.1441−0.0063i	−0.6140+0.2435i	−1.8719+0.0901i	−0.0950+0.1308i	−0.3436+0.1682i	0.3836+0.1222i	0.2322+0.0163i
47.2	−1.7398−0.0510i	0.1042−0.0520i	−0.5209+0.2350i	−1.9325+0.0736i	−0.1303+0.1136i	−0.4150+0.1712i	0.3629+0.0846i	0.2184−0.0201i
47.3	−1.7355+0.0014i	0.1191+0.0181i	−0.5449+0.1336i	−1.9102+0.1599i	−0.0787+0.1637i	−0.5321+0.1358i	0.3530+0.1182i	0.2189−0.0017i
47.4	−1.7152−0.0091i	0.1616−0.0136i	−0.5616+0.2254i	−1.8847+0.1496i	−0.1107+0.1329i	−0.5806+0.2124i	0.3689+0.0649i	0.2612−0.0001i
47.5	−1.7471+0.0485i	0.1189−0.0542i	−0.4903+0.2040i	−1.9174+0.2017i	−0.1361+0.1216i	−0.6463+0.3001i	0.3884+0.0616i	0.2804−0.0419i
47.6	−1.7541+0.0839i	0.1208−0.0319i	−0.5265+0.1383i	−1.9249+0.2468i	−0.1176+0.1741i	−0.6301+0.3216i	0.3996+0.0373i	0.2702−0.0616i
47.7	−1.7317+0.1154i	0.0968−0.0294i	−0.5045+0.1760i	−1.9031+0.2894i	−0.1016+0.1775i	−0.6840+0.3011i	0.3904+0.0324i	0.2701−0.0681i
47.8	−1.7096+0.1172i	0.1197+0.0011i	−0.5270+0.2390i	−1.8839+0.3146i	−0.1039+0.2497i	−0.7474+0.3640i	0.4069−0.0179i	0.2923−0.0854i
47.9	−1.7449+0.1770i	0.1545+0.0085i	−0.4449+0.0315i	−1.8715+0.3886i	−0.0753+0.2344i	−0.9462+0.5085i	0.3414−0.0143i	0.2799−0.1126i
48.0	−1.6989+0.2077i	0.1687−0.0784i	−0.6773+0.0774i	−1.8185+0.3510i	−0.0482+0.2419i	−0.6328+0.6266i	0.3222+0.0069i	0.2118−0.1203i
48.1	−1.7098+0.2073i	0.1306−0.0601i	−0.5999+0.2651i	−1.8492+0.4005i	−0.0082+0.2521i	−0.6307+0.5018i	0.3469−0.0045i	0.2174−0.0918i
48.2	−1.7538+0.2239i	0.1135−0.0960i	−0.4852+0.3302i	−1.8814+0.4495i	0.0274+0.2115i	−0.6800+0.3789i	0.3423−0.0656i	0.2118−0.1223i
48.3	−1.7759+0.2693i	0.1191−0.0664i	−0.3235+0.2168i	−1.8602+0.5076i	0.0482+0.2166i	−0.8905+0.5208i	0.2522−0.0474i	0.2158−0.1283i
48.4	−1.7641+0.3182i	0.0739−0.0755i	−0.3559+0.1098i	−1.8611+0.5322i	0.0291+0.2434i	−0.7659+0.5761i	0.2614−0.0195i	0.1675−0.1351i
48.5	−1.7283+0.3848i	0.1793−0.0820i	−0.5550+0.0103i	−1.7793+0.5884i	0.0842+0.2301i	−0.7792+0.6951i	0.2772+0.0020i	0.1667−0.1173i
48.6	−1.6682+0.4163i	0.0884−0.1476i	−0.6119+0.0609i	−1.7483+0.6040i	0.0410+0.2116i	−0.7677+0.6670i	0.2452+0.0255i	0.1709−0.1172i
48.7	−1.6377+0.3662i	0.0805−0.1128i	−0.5653+0.1713i	−1.6998+0.5611i	0.0830+0.2459i	−0.8184+0.7214i	0.2700+0.0643i	0.1973−0.1079i
48.8	−1.6529+0.3995i	0.0693−0.1103i	−0.5738+0.1535i	−1.7178+0.5807i	0.1340+0.2123i	−0.6073+0.6198i	0.2700+0.1295i	0.1453−0.0739i
48.9	−1.6434+0.4039i	0.0609−0.1367i	−0.5445+0.2056i	−1.6962+0.5728i	0.1837+0.1916i	−0.7315+0.5984i	0.3248+0.0985i	0.1781−0.0921i
49.0	−1.6492+0.3922i	0.0601−0.1203i	−0.5025+0.2068i	−1.7041+0.5781i	0.1535+0.1749i	−0.6920+0.5027i	0.3052+0.1011i	0.1531−0.0688i
49.1	−1.6203+0.4266i	0.0012−0.1216i	−0.5250+0.1095i	−1.6814+0.6094i	0.1274+0.1674i	−0.8235+0.6007i	0.3092+0.1010i	0.1620−0.0888i
49.2	−1.6288+0.4286i	−0.0011−0.0699i	−0.5311+0.2260i	−1.6895+0.6348i	0.1848+0.1492i	−0.7090+0.4427i	0.3481+0.0856i	0.1408−0.0427i
49.3	−1.6534+0.4484i	0.0022−0.0384i	−0.4931+0.1092i	−1.6789+0.6556i	0.1954+0.1510i	−0.7762+0.4592i	0.3394+0.0733i	0.1268−0.0538i
49.4	−1.6621+0.4768i	0.0165−0.0454i	−0.5361+0.1406i	−1.6909+0.6944i	0.2228+0.1176i	−0.7282+0.2666i	0.3827+0.0624i	0.1215−0.0126i
49.5	−1.5801+0.4768i	0.0575−0.0637i	−0.6653+0.2415i	−1.5920+0.6598i	0.2056+0.0632i	−1.0963+0.2796i	0.3645+0.0663i	0.1743−0.0025i
49.6	−1.6242+0.4657i	0.0203−0.0876i	−0.5296+0.3001i	−1.6338+0.6425i	0.2004+0.0501i	−1.0719+0.3962i	0.3439+0.0980i	0.1619+0.0126i
49.7	−1.6734+0.4846i	0.0095−0.0960i	−0.4140+0.3221i	−1.6721+0.6608i	0.2304+0.0335i	−1.1956+0.3586i	0.3623+0.1313i	0.1986+0.0512i

49.8	−1.7016+0.5157i	−0.0493−0.0472i	−0.3798+0.2977i	−1.7176+0.7121i	0.1798+0.0823i	−1.1721+0.3269i	0.3856+0.1487i	0.1920+0.0780i
49.9	−1.6969+0.5511i	0.0587+0.0107i	−0.4200+0.2291i	−1.6646+0.7746i	0.2281+0.0896i	−1.4958+0.2143i	0.4380+0.1087i	0.2604+0.0596i
50.0	−1.7294+0.5328i	0.0462−0.0283i	−0.2966+0.4328i	−1.6862+0.7433i	0.1993+0.0115i	−1.6789+0.1610i	0.4857+0.1150i	0.3154+0.1017i
50.1	−1.7214+0.5921i	0.0693−0.0550i	−0.3211+0.2226i	−1.6817+0.7665i	0.1980+0.0123i	−1.8214+0.5890i	0.4750+0.1281i	0.3250+0.0216i
50.2	−1.7432+0.6116i	0.0222−0.0589i	−0.2920+0.3359i	−1.7195+0.8007i	0.2074−0.0222i	−1.7136+0.5456i	0.5553+0.0793i	0.3358+0.0395i
50.3	−1.7950+0.6272i	0.0319−0.0385i	−0.1424+0.3755i	−1.7402+0.8303i	0.2200+0.0081i	−1.9108+0.3288i	0.5280+0.0267i	0.3797+0.0788i
50.4	−1.8444+0.6900i	0.0644−0.0389i	0.1032+0.2550i	−1.7546+0.8919i	0.1841−0.0123i	−2.3495+0.5290i	0.4809+0.0171i	0.4608+0.0257i
50.5	−1.8725+0.7833i	0.0932−0.0861i	0.1598−0.0499i	−1.7726+0.9647i	0.2051−0.0076i	−2.4398+0.7413i	0.4377+0.0308i	0.4719−0.0482i
50.6	−1.7993+0.8180i	0.0249−0.0966i	−0.0640−0.1756i	−1.7110+0.9825i	0.1213−0.0534i	−2.8148+0.9862i	0.4316+0.0982i	0.4778−0.0971i
50.7	−1.8572+0.7604i	0.0453−0.0593i	−0.1358−0.0877i	−1.7472+0.9479i	0.1969+0.0421i	−2.5156+1.2907i	0.5132+0.1243i	0.4172−0.0729i
50.8	−1.8724+0.8730i	0.0413−0.0643i	−0.0891−0.1614i	−1.7356+1.0713i	0.2167+0.0098i	−2.3866+1.1567i	0.5240+0.1076i	0.4236−0.0598i
50.9	−1.8583+0.8574i	0.0840−0.0701i	−0.0809+0.0340i	−1.6832+1.0520i	0.2038−0.0452i	−2.9929+1.0980i	0.5511+0.1358i	0.5365−0.0182i
51.0	−1.9303+0.9716i	0.0932−0.1051i	0.1444−0.2193i	−1.7241+1.1178i	0.1830−0.0399i	−3.1905+1.6511i	0.5257+0.1232i	0.5683−0.1346i
51.1	−1.8922+1.0199i	0.0275−0.1345i	−0.0101−0.2861i	−1.7060+1.1544i	0.2045−0.0166i	−3.0337+1.8840i	0.5649+0.1661i	0.5243−0.1270i
51.2	−1.9044+1.0455i	0.0277−0.1042i	0.0797−0.3094i	−1.6937+1.1801i	0.1754−0.0188i	−3.1760+1.9941i	0.6095+0.1744i	0.6009−0.1361i
51.3	−1.9350+1.1413i	0.0291−0.1500i	0.1355−0.4910i	−1.7016+1.2418i	0.1895−0.0172i	−3.2473+2.3752i	0.6397+0.1698i	0.6128−0.2245i
51.4	−1.9261+1.2231i	−0.0125−0.1370i	0.0595−0.5639i	−1.6818+1.3244i	0.2094−0.0478i	−3.2386+2.5755i	0.6910+0.1766i	0.6348−0.2365i
51.5	−1.9187+1.2670i	−0.0346−0.1008i	0.1149−0.6296i	−1.6342+1.3714i	0.2271−0.0514i	−3.4488+2.7019i	0.7123+0.1871i	0.6706−0.2507i
51.6	−1.9088+1.3727i	−0.0188−0.1012i	0.1979−0.8432i	−1.5859+1.4285i	0.2039−0.0444i	−3.6653+3.2021i	0.7480+0.1997i	0.7134−0.3353i
51.7	−1.8607+1.4791i	−0.0758−0.1081i	−0.0274−1.0969i	−1.5532+1.4829i	0.2652−0.0281i	−3.3234+3.7125i	0.8244+0.2147i	0.6571−0.3990i
51.8	−1.8640+1.5122i	−0.0625−0.0575i	−0.0778−1.1215i	−1.5075+1.4964i	0.2575−0.0488i	−3.5345+3.8283i	0.8981+0.2169i	0.7408−0.4069i
51.9	−1.8458+1.5725i	−0.0523−0.1111i	−0.2120−1.4834i	−1.4796+1.4829i	0.3052−0.0911i	−3.3862+4.7501i	1.0098+0.2024i	0.7064−0.5705i
52.0	−1.8953+1.6038i	−0.0364−0.0473i	−0.4774−1.5132i	−1.5421+1.4491i	0.3050−0.1683i	−3.0831+4.9374i	1.1585+0.1528i	0.7165−0.5527i
52.1	−1.9501+1.7080i	−0.0597−0.0358i	−0.6328−1.6588i	−1.6454+1.5139i	0.2653−0.2029i	−2.7736+5.5206i	1.2496+0.0355i	0.6954−0.7003i
52.2	−1.8358+1.8365i	−0.0540+0.0843i	−1.3188−1.6740i	−1.5589+1.6780i	0.2146−0.2038i	−1.7442+5.2180i	1.2187−0.0480i	0.5096−0.5920i
52.3	−1.8688+1.8892i	0.0919−0.0295i	−1.0837−1.2650i	−1.5269+1.6753i	0.1475−0.2368i	−2.6016+5.5215i	1.3284−0.1710i	0.8296−0.7691i
52.4	−1.8012+2.0714i	−0.0012−0.1262i	−1.3068−1.4169i	−1.5159+1.8159i	0.1303−0.2302i	−1.6442+6.0846i	1.2809−0.3291i	0.6134−0.9052i
52.5	−1.7288+2.1400i	−0.1291−0.0655i	−1.4765−1.1415i	−1.4571+1.8694i	0.0256−0.2411i	−1.2493+5.5124i	1.2321−0.3833i	0.5727−0.8389i
52.6	−1.6790+2.2664i	−0.0113+0.0023i	−1.4012−1.1528i	−1.3987+1.9334i	−0.0105−0.1586i	−1.8857+5.8313i	1.2622−0.4515i	0.6453−1.0416i
52.7	−1.6060+2.3873i	0.0557−0.0750i	−1.5909−1.3076i	−1.3389+1.9980i	0.0651−0.1368i	−1.3644+6.8143i	1.2450−0.5436i	0.4594−1.2103i
52.8	−1.5275+2.4235i	0.0117−0.0734i	−1.9668−1.1863i	−1.2808+2.0402i	0.0657−0.0845i	−0.4135+6.9162i	1.2374−0.5647i	0.2745−1.1387i
52.9	−1.4919+2.5578i	0.0428−0.1139i	−1.8720−0.8744i	−1.2317+2.1057i	0.0254−0.1281i	−0.3222+6.6346i	1.2245−0.6924i	0.3022−1.1773i
53.0	−1.3480+2.6699i	−0.0412−0.1247i	−1.8609−0.9787i	−1.1563+2.2136i	0.0658−0.0687i	0.0932+6.8050i	1.1402−0.7847i	0.1198−1.2713i
53.1	−1.1642+2.7561i	0.0084−0.1587i	−2.2316−0.7392i	−0.9552+2.2019i	0.0933−0.0769i	0.3332+6.7827i	1.1235−0.8112i	0.0535−1.2166i
53.2	−1.1085+2.8040i	−0.0162−0.1632i	−2.1452−0.6156i	−0.9621+2.2310i	0.0968−0.0129i	0.8506+7.2600i	1.1238−0.8788i	−0.0183−1.2646i
53.3	−0.9806+2.8777i	−0.0848−0.1404i	−2.1991−0.5147i	−0.8660+2.2607i	0.1428+0.0090i	1.4434+7.1688i	1.1049−0.9412i	−0.1272−1.2563i
53.4	−0.7939+2.9580i	−0.0939−0.1725i	−2.1832−0.3658i	−0.7707+2.2916i	0.1667+0.0288i	1.9302+7.0181i	1.0316−1.0530i	−0.1987−1.2878i
53.5	−0.6528+2.9484i	−0.1173−0.1462i	−2.2808−0.5040i	−0.7006+2.2680i	0.2194−0.0062i	2.3130+7.2820i	0.9406−1.0598i	−0.3700−1.3105i
53.6	−0.5156+2.9580i	−0.1635−0.0733i	−2.5909−0.0566i	−0.5992+2.2816i	0.1629−0.0369i	3.4600+6.3604i	0.8552−1.1444i	−0.5380−1.0819i
53.7	−0.4932+2.9940i	−0.1204−0.0716i	−2.3138+0.0698i	−0.6120+2.3101i	0.1821−0.0398i	3.1426+6.1568i	0.7887−1.1582i	−0.4981−1.0760i
53.8	−0.3464+3.0951i	−0.1051−0.0446i	−2.4329+0.2513i	−0.5233+2.4128i	0.2347+0.0043i	3.4711+5.7804i	0.7532−1.1922i	−0.5707−0.9777i
53.9	−0.0540+3.1440i	−0.1512−0.0600i	−2.3001+0.5398i	−0.3180+2.4603i	0.2273+0.0528i	3.5777+5.3596i	0.6566−1.2435i	−0.5872−0.9314i
54.0	0.2072+3.0272i	−0.1731−0.0339i	−1.9806+0.7099i	−0.1104+2.3730i	0.2873+0.0602i	3.5568+5.0730i	0.5195−1.2653i	−0.6217−0.9156i
54.1	0.3900+2.8919i	−0.1828+0.0255i	−1.6075+0.4094i	−0.0240+2.3018i	0.3902+0.0150i	3.4925+5.3145i	0.3533−1.2841i	−0.7811−1.0013i
54.2	0.4412+2.7444i	−0.2032−0.0060i	−2.2888+0.4397i	0.0786+2.1887i	0.4123−0.0768i	4.7218+4.9587i	0.2661−1.0804i	−1.0760−0.6582i
54.3	0.5400+2.6770i	−0.2131+0.0099i	−1.6932+0.4863i	0.1029+2.1404i	0.3938−0.1127i	4.2236+4.6555i	0.2425−1.0914i	−0.9022−0.6653i
54.4	0.5561+2.5949i	−0.2155+0.0369i	−1.8404+0.4675i	0.1297+2.0639i	0.4404−0.1316i	4.4890+4.4866i	0.2187−1.0062i	−0.9406−0.5405i
54.5	0.6183+2.5923i	−0.2105+0.0759i	−1.9242+0.5592i	0.1461+2.0526i	0.4473−0.2229i	4.7704+4.0880i	0.2408−0.9953i	−0.9167−0.3794i
54.6	0.6999+2.5369i	−0.2055+0.1334i	−1.9473+0.7176i	0.2284+2.0065i	0.4256−0.2427i	4.8760+3.3963i	0.2259−0.9171i	−0.8814−0.1976i
54.7	0.7994+2.4766i	−0.1884+0.1763i	−1.7257+0.9115i	0.2634+1.9437i	0.4099−0.2708i	4.4287+2.8335i	0.2316−0.8825i	−0.7275−0.0782i
54.8	0.9255+2.3920i	−0.1444+0.1623i	−1.5435+0.6927i	0.2917+1.9259i	0.4023−0.3143i	4.1946+3.3400i	0.1989−0.9460i	−0.7399−0.2629i
54.9	0.9190+2.3048i	−0.1664+0.1815i	−1.7594+0.7585i	0.3514+1.8677i	0.3706−0.3731i	4.8097+2.8472i	0.1521−0.8793i	−0.8505−0.0542i
55.0	0.9872+2.2609i	−0.1317+0.2062i	−1.6795+0.9079i	0.3892+1.8222i	0.3699−0.3832i	4.6082+2.3813i	0.1762−0.7640i	−0.7130+0.0891i
55.1	1.0550+2.1866i	−0.0917+0.2408i	−1.5674+0.9853i	0.4130+1.7692i	0.3529−0.4046i	4.3478+2.1317i	0.2228−0.7302i	−0.5642+0.1633i
55.2	1.1601+2.1462i	−0.0718+0.2746i	−1.4075+0.9335i	0.4683+1.7704i	0.3214−0.4314i	4.0669+2.1842i	0.2442−0.7738i	−0.4389+0.0881i
55.3	1.2153+2.0673i	−0.0577+0.2892i	−1.3419+0.9186i	0.5274+1.7129i	0.3007−0.4420i	4.0638+1.9470i	0.2591−0.7292i	−0.3971+0.1221i
55.4	1.2636+1.9642i	−0.0160+0.2810i	−1.2482+0.8767i	0.5675+1.6472i	0.2559−0.4603i	3.9116+1.9657i	0.2740−0.7558i	−0.3493+0.0586i
55.5	1.3259+1.8562i	0.0280+0.2931i	−1.2425+0.8489i	0.6009+1.5983i	0.1988−0.4305i	3.9008+2.0192i	0.2639−0.7557i	−0.3681+0.0221i
55.6	1.3455+1.7650i	0.0682+0.2649i	−1.2510+0.8988i	0.6424+1.5134i	0.1849−0.4474i	4.0251+1.7832i	0.3066−0.7129i	−0.2973+0.0658i
55.7	1.3392+1.7004i	0.0467+0.2656i	−1.1961+0.9155i	0.6229+1.4331i	0.1758−0.4332i	3.8644+1.4573i	0.3172−0.6568i	−0.2127+0.1323i
55.8	1.3882+1.6002i	0.0811+0.2709i	−1.1093+0.8844i	0.6270+1.3853i	0.1348−0.3951i	3.6520+1.3943i	0.4003−0.6449i	−0.1236+0.0889i
55.9	1.4273+1.5391i	0.1011+0.2754i	−1.0668+0.8739i	0.6364+1.3245i	0.1377−0.4008i	3.5228+1.2951i	0.4625−0.6950i	−0.0743+0.0369i
56.0	1.4245+1.4451i	0.1313+0.2850i	−1.0242+0.8489i	0.6105+1.2837i	0.1526−0.4143i	3.4170+1.3084i	0.4781−0.7556i	−0.0406−0.0059i

56.1	1.4100+1.3574i	0.1567+0.2366i	-0.9900+0.7591i	0.6248+1.2251i	0.1783-0.4009i	3.3671+1.3583i	0.5229-0.8086i	-0.0245-0.1032i
56.2	1.4174+1.3022i	0.1520+0.2384i	-0.9855+0.7971i	0.6064+1.1733i	0.1512-0.3441i	3.3205+1.1034i	0.5115-0.8014i	-0.0119-0.0261i
56.3	1.4667+1.2278i	0.1778+0.2473i	-0.9331+0.7809i	0.6070+1.1335i	0.1596-0.3636i	3.2435+1.0871i	0.5547-0.8441i	0.0287-0.0690i
56.4	1.4796+1.1908i	0.1866+0.2218i	-0.9267+0.7646i	0.6141+1.0912i	0.1769-0.3456i	3.1933+0.9799i	0.5558-0.7785i	0.0649-0.0775i
56.5	1.4097+1.1123i	0.1960+0.2046i	-0.8701+0.7024i	0.5478+1.0363i	0.1909-0.3256i	2.9144+0.9946i	0.5777-0.7922i	0.0970-0.1028i
56.6	1.4270+1.0450i	0.1990+0.2035i	-0.8260+0.6459i	0.5222+1.0324i	0.2955-0.3850i	2.7858+0.9857i	0.6899-0.8561i	0.1134-0.1376i
56.7	1.4636+0.9509i	0.2371+0.2077i	-0.8420+0.6007i	0.5231+1.0360i	0.2595-0.4696i	2.6887+1.0529i	0.7978-0.9334i	0.2202-0.2225i
56.8	1.4148+0.8763i	0.2719+0.1677i	-0.8172+0.5651i	0.4996+0.9871i	0.2336-0.4316i	2.5596+1.1375i	0.7687-1.0200i	0.2656-0.2958i
56.9	1.3983+0.8266i	0.2915+0.1663i	-0.7587+0.4971i	0.5013+0.9743i	0.2413-0.4528i	2.4501+1.2520i	0.6990-1.1296i	0.2363-0.3767i
57.0	1.3751+0.7452i	0.3222+0.1611i	-0.7015+0.4499i	0.4914+0.9784i	0.2345-0.4943i	2.3050+1.3929i	0.6575-1.2696i	0.2338-0.4764i
57.1	1.3402+0.7185i	0.3438+0.1450i	-0.7262+0.3740i	0.4825+1.0103i	0.2239-0.5123i	2.3049+1.5653i	0.6617-1.3482i	0.2203-0.5646i
57.2	1.2992+0.6548i	0.3639+0.1065i	-0.7396+0.2401i	0.5148+1.0089i	0.1950-0.5811i	2.3610+1.8676i	0.5389-1.4475i	0.1053-0.6803i
57.3	1.2492+0.6450i	0.2988+0.1010i	-0.8743+0.1760i	0.5024+0.9699i	0.1484-0.5752i	2.7445+1.9099i	0.4408-1.4697i	-0.0164-0.6271i
57.4	1.2685+0.5934i	0.3633+0.1075i	-0.8752+0.1808i	0.5342+0.9632i	0.0755-0.6411i	2.7161+1.8295i	0.4678-1.5662i	0.0437-0.6561i
57.5	1.2263+0.5410i	0.3786+0.0882i	-0.9351+0.1472i	0.5423+0.9299i	0.0528-0.6021i	2.7767+1.8706i	0.3914-1.5448i	0.0040-0.6909i
57.6	1.1806+0.5564i	0.3750+0.0796i	-1.0011+0.1356i	0.5437+0.9322i	0.0692-0.6205i	2.8962+1.9680i	0.4251-1.5732i	-0.0450-0.7811i
57.7	1.1625+0.5561i	0.3875+0.0471i	-1.0455+0.1044i	0.5493+0.9450i	0.0425-0.6075i	3.0163+1.9946i	0.3048-1.6839i	-0.1314-0.8217i
57.8	1.1485+0.5057i	0.3929+0.0548i	-1.0766+0.1305i	0.5633+0.8894i	0.0030-0.5862i	3.1112+1.8569i	0.2296-1.7880i	-0.1957-0.8527i
57.9	1.1226+0.4571i	0.4342+0.0148i	-1.1361+0.1786i	0.5792+0.8682i	0.0132-0.5768i	3.2233+1.7621i	0.1258-1.8449i	-0.2504-0.9112i
58.0	1.0984+0.4387i	0.4553-0.0237i	-1.1661+0.1472i	0.5773+0.8032i	0.0035-0.5635i	3.2230+1.6040i	-0.0065-1.8298i	-0.2731-0.8815i
58.1	1.0658+0.4519i	0.4867-0.0909i	-1.3259+0.1242i	0.5786+0.7831i	0.0365-0.5657i	3.1797+1.7263i	-0.0427-1.8232i	-0.3600-0.9251i
58.2	1.0722+0.4324i	0.4311-0.0558i	-1.1744+0.2766i	0.5248+0.7897i	0.0648-0.5836i	3.3407+1.6828i	0.0319-2.0286i	-0.3016-1.0255i
58.3	1.0406+0.4132i	0.4438-0.0912i	-1.1787+0.1967i	0.5380+0.7514i	0.0310-0.5707i	3.3092+1.6333i	-0.2146-2.0475i	-0.4412-1.0443i
58.4	1.0041+0.4144i	0.4501-0.1152i	-1.1820+0.1467i	0.5344+0.7269i	0.0474-0.5350i	3.3350+1.5969i	-0.3134-1.9080i	-0.5090-0.9848i
58.5	1.0154+0.3806i	0.3654-0.0642i	-1.1591+0.2214i	0.5150+0.7047i	0.0048-0.5224i	3.2317+1.3384i	-0.3493-1.9061i	-0.5334-0.9411i
58.6	1.0105+0.3543i	0.4527-0.0639i	-1.1447+0.1767i	0.5308+0.7225i	0.0220-0.5322i	3.2979+1.5014i	-0.5820-2.0787i	-0.7354-1.0562i
58.7	0.9961+0.3839i	0.4763-0.1075i	-1.2385+0.1460i	0.5259+0.7223i	0.0314-0.6084i	3.3521+1.5182i	-0.7125-1.9715i	-0.8010-1.0113i
58.8	0.9700+0.3757i	0.5017-0.1491i	-1.2497+0.0195i	0.5208+0.6863i	0.0324-0.6102i	3.3942+1.6192i	-0.8574-1.7921i	-0.9270-0.9158i
58.9	0.9582+0.3647i	0.5219-0.2090i	-1.2366+0.0467i	0.5375+0.6619i	-0.0022-0.6244i	3.5077+1.5653i	-0.9989-1.6722i	-1.0377-0.8344i
59.0	0.9390+0.3403i	0.5083-0.2456i	-1.3099+0.0049i	0.5169+0.6172i	-0.0570-0.6054i	3.5876+1.6158i	-1.2878-1.4909i	-1.1255-0.6781i
59.1	0.9262+0.3376i	0.5501-0.2165i	-1.4384-0.0262i	0.4939+0.6324i	-0.0104-0.5949i	3.6291+1.4899i	-1.1207-1.4227i	-1.1239-0.7664i
59.2	0.9122+0.3370i	0.5433-0.2559i	-1.3616-0.0589i	0.4885+0.6052i	-0.0064-0.6583i	3.6136+1.4966i	-1.2650-1.5252i	-1.2693-0.7697i
59.3	0.9056+0.3571i	0.5170-0.2778i	-1.4406-0.0331i	0.4817+0.5845i	-0.0168-0.6499i	3.6806+1.4813i	-1.2906-1.3988i	-1.2931-0.6519i
59.4	0.9112+0.3479i	0.5338-0.2995i	-1.4560-0.1072i	0.4613+0.5650i	-0.0444-0.6752i	3.7646+1.4151i	-1.2578-1.3135i	-1.3017-0.5828i
59.5	0.9149+0.3862i	0.5624-0.2723i	-1.5485+0.0169i	0.4255+0.5876i	-0.0058-0.6835i	3.8389+1.4369i	-1.1656-1.3236i	-1.2795-0.5791i
59.6	0.9049+0.3760i	0.6141-0.2981i	-1.6940-0.0976i	0.4257+0.5726i	0.0316-0.6701i	3.8352+1.3037i	-1.2359-1.2508i	-1.3332-0.4735i
59.7	0.8988+0.3692i	0.6306-0.3002i	-1.5947-0.1130i	0.4157+0.5616i	0.0135-0.6671i	3.9408+1.2149i	-1.2052-1.0557i	-1.3076-0.3163i
59.8	0.8937+0.3872i	0.6472-0.3268i	-1.6929-0.1118i	0.3848+0.5927i	0.0268-0.6789i	3.9332+1.2215i	-1.1789-1.0723i	-1.3221-0.3105i
59.9	0.9029+0.3744i	0.7320-0.4134i	-1.4907+0.0562i	0.3961+0.5845i	0.0511-0.7430i	4.0112+1.1242i	-1.1554-0.9853i	-1.2530-0.2078i
60.0	0.9448+0.3714i	0.7580-0.4934i	-1.4028+7.4175i	0.4708+0.5890i	0.0226-0.7251i	4.0072+1.0104i	-1.0737-1.3018i	-1.3080-0.1536i
60.1	0.9298+0.3734i	0.7522-0.6022i	-2.3725+0.4125i	0.4105+0.5996i	0.0023-0.8321i	4.1599+0.8898i	-1.2050-0.9375i	-1.3511-0.1999i
60.2	0.9182+0.3631i	0.7741-0.6818i	-2.0370-0.0416i	0.3705+0.5860i	0.0145-0.8541i	4.0189+0.8891i	-1.1719-0.8920i	-1.3841-0.2189i
60.3	0.9536+0.3591i	0.8101-0.7965i	-2.0919+0.0487i	0.4184+0.5615i	0.0370-0.8742i	4.0782+0.8088i	-1.1247-0.8303i	-1.3293-0.1542i
60.4	0.9577+0.3594i	0.7520-0.9059i	-2.0348-0.0234i	0.4385+0.5832i	0.0337-0.8941i	4.1280+0.7483i	-1.1463-0.8403i	-1.3457-0.1421i
60.5	0.9730+0.3157i	0.6297-0.9892i	-2.0083+0.1173i	0.4197+0.5592i	-0.0912-0.9525i	4.0461+0.6845i	-1.2281-0.8196i	-1.4444-0.0979i
60.6	0.9813+0.3116i	0.5482-1.0334i	-2.0223+0.1180i	0.4288+0.5548i	-0.0695-0.9620i	4.0061+0.6439i	-1.2156-0.7955i	-1.4682-0.0308i
60.7	0.9874+0.2933i	0.4866-0.9554i	-2.1629+0.1714i	0.4196+0.5455i	-0.0124-0.9084i	4.0771+0.6293i	-1.1879-0.8374i	-1.4489-0.0498i
60.8	0.9768+0.2652i	0.4505-0.8706i	-2.2764+0.1809i	0.4050+0.5620i	-0.0089-0.9404i	4.1354+0.5305i	-1.2203-0.8857i	-1.4830-0.0179i
60.9	0.9389+0.2243i	0.5779-0.8812i	-2.2567+0.3178i	0.4491+0.5251i	-0.0098-0.9896i	4.1051+0.3896i	-1.2597-0.7679i	-1.4715+0.1262i
61.0	0.9193+0.2675i	0.7284-0.9753i	-2.2970+0.3336i	0.4442+0.5014i	0.0589-1.0908i	4.0829+0.4054i	-1.3139-0.8208i	-1.5038+0.0329i
61.1	0.9571+0.3088i	0.7937-1.2020i	-2.3199+0.3504i	0.4708+0.4443i	0.0737-1.2028i	4.1063+0.3562i	-1.3598-0.7487i	-1.5813+0.0412i
61.2	0.9808+0.3179i	0.8401-1.4817i	-2.3735+0.4023i	0.4835+0.4004i	0.0552-1.4330i	4.1313+0.3913i	-1.4562-0.5998i	-1.7310+0.1915i
61.3	0.9949+0.3158i	0.7608-1.6964i	-2.3879+0.4567i	0.4481+0.3667i	-0.0090-1.5262i	4.1080+0.3419i	-1.4857-0.4997i	-1.7816+0.2596i
61.4	1.0167+0.3159i	0.6586-1.8515i	-2.3903+0.4607i	0.4344+0.3162i	-0.1042-1.6014i	4.1276+0.3270i	-1.4488-0.3605i	-1.6900+0.4144i
61.5	1.0452+0.3359i	0.5402-2.0329i	-2.4340+0.4666i	0.4191+0.3068i	-0.1820-1.7622i	4.1481+0.3744i	-1.4892-0.2962i	-1.8037+0.5633i
61.6	1.0984+0.3062i	0.2849-2.2285i	-2.4808+0.5509i	0.3734+0.2417i	-0.3417-1.8561i	4.1898+0.2634i	-1.4923-0.1874i	-1.8379+0.6762i
61.7	1.1341+0.2891i	0.0756-2.3933i	-2.5492+0.5773i	0.3333+0.2025i	-0.4979-1.9631i	4.3006+0.2310i	-1.3883-0.0958i	-1.8111+0.7345i
61.8	1.1420+0.2877i	-0.1839-2.4443i	-2.5797+0.6129i	0.2520+0.2140i	-0.6523-1.9705i	4.2970+0.1878i	-1.2928-0.0632i	-1.7681+0.8142i
61.9	1.2088+0.2489i	-0.5038-2.5027i	-2.6441+0.6848i	0.1582+0.1987i	-0.9064-2.0087i	4.3765+0.1335i	-1.2218+0.0167i	-1.7132+0.9881i
62.0	1.2564+0.2116i	-0.7648-2.5068i	-2.7126+0.7353i	0.1051+0.2123i	-1.0500-2.0605i	4.4416+0.1166i	-1.1437+0.0362i	-1.7645+1.1150i
62.1	1.3290+0.1737i	-1.1311-2.5375i	-2.7712+0.8289i	0.0339+0.2166i	-1.3134-2.0681i	4.5169-0.0455i	-1.0091+0.0904i	-1.6622+1.2383i
62.2	1.3440+0.1250i	-1.3925-2.4849i	-2.7996+0.8679i	-0.0215+0.2502i	-1.5159-2.0383i	4.5936-0.1164i	-0.9051+0.0664i	-1.5628+1.2643i
62.3	1.3599+0.0789i	-1.6066-2.3103i	-2.7809+0.9015i	-0.0778+0.2954i	-1.7144-1.8999i	4.5402-0.1952i	-0.8427+0.0158i	-1.5526+1.3739i

62.4	1.3578+0.0136i	-1.7960-2.1788i	-2.8123+0.9617i	-0.1134+0.3198i	-1.8677-1.8234i	4.5441-0.2620i	-0.8119+0.0307i	-1.4948+1.4398i
62.5	1.3912-0.0370i	-2.0669-2.0300i	-2.8709+1.0494i	-0.1527+0.3882i	-2.0571-1.6895i	4.6748-0.3380i	-0.7602+0.0272i	-1.4952+1.6437i
62.6	1.4442-0.1016i	-2.3560-1.8428i	-2.9227+1.1633i	-0.1883+0.4492i	-2.2653-1.5804i	4.7391-0.5152i	-0.6555-0.0044i	-1.3275+1.7288i
62.7	1.4388-0.1794i	-2.4425-1.6074i	-2.9258+1.2545i	-0.2145+0.4982i	-2.3332-1.4594i	4.6901-0.6545i	-0.5925-0.1246i	-1.2710+1.6504i
62.8	1.4054-0.2272i	-2.4545-1.3711i	-2.9514+1.2890i	-0.2150+0.5419i	-2.3577-1.2824i	4.6595-0.6830i	-0.5725-0.2207i	-1.2045+1.6583i
62.9	1.4066-0.2658i	-2.5794-1.2032i	-2.9853+1.3112i	-0.2389+0.6119i	-2.4846-1.1098i	4.6905-0.6950i	-0.5132-0.2437i	-1.1424+1.7392i
63.0	1.4086-0.3201i	-2.6918-1.0261i	-3.0262+1.4220i	-0.2414+0.6616i	-2.5905-1.0113i	4.7700-0.8323i	-0.4998-0.2257i	-1.0268+1.8789i
63.1	1.3825-0.3912i	-2.6795-0.8125i	-3.0566+1.5088i	-0.2370+0.7270i	-2.6573-0.9105i	4.7309-0.8483i	-0.5330-0.2559i	-0.9542+1.8497i
63.2	1.3461-0.4530i	-2.6950-0.6150i	-3.0372+1.5374i	-0.2366+0.7789i	-2.6720-0.7548i	4.6363-0.8789i	-0.5035-0.3526i	-0.9691+1.9104i
63.3	1.3409-0.5205i	-2.7417-0.3701i	-3.0908+1.6761i	-0.2180+0.8525i	-2.7566-0.5159i	4.7198-1.1157i	-0.5540-0.4628i	-0.8065+2.0415i
63.4	1.3205-0.5818i	-2.7790-0.1650i	-3.0984+1.7992i	-0.2158+0.9253i	-2.8285-0.3458i	4.7742-1.2294i	-0.5689-0.5369i	-0.7475+1.9931i
63.5	1.2773-0.6523i	-2.8155+0.0533i	-3.1237+1.9589i	-0.1789+0.9972i	-2.8919-0.1933i	4.7962-1.3680i	-0.6073-0.5955i	-0.7943+2.0933i
63.6	1.2371-0.7049i	-2.7496+0.2325i	-3.1101+2.0381i	-0.1412+1.0519i	-2.8838-0.0151i	4.7855-1.4470i	-0.6943-0.5898i	-0.5967+2.3395i
63.7	1.1609-0.7008i	-2.6790+0.3832i	-3.1210+2.0553i	-0.1379+1.0980i	-2.8593+0.0714i	4.7379-1.3885i	-0.7018-0.6359i	-0.4962+2.3319i
63.8	1.0404-0.7425i	-2.5697+0.6045i	-3.0432+2.1635i	-0.0765+1.1449i	-2.7796+0.2814i	4.6286-1.5541i	-0.6858-0.6889i	-0.3633+2.2956i
63.9	0.9860-0.7570i	-2.4879+0.6880i	-3.0302+2.2164i	-0.0443+1.1757i	-2.7999+0.4221i	4.5935-1.5297i	-0.7662-0.6162i	-0.2191+2.2671i
64.0	0.9808-0.7772i	-2.4557+0.8720i	-3.1114+2.3907i	0.0070+1.2395i	-2.8552+0.5658i	4.7534-1.7094i	-0.8458-0.6872i	-0.1765+2.4101i
64.1	0.9257-0.7888i	-2.4401+0.9645i	-3.1325+2.4788i	0.0219+1.2729i	-2.8941+0.6793i	4.7736-1.7204i	-0.8274-0.6768i	-0.1112+2.4149i
64.2	0.8690-0.7871i	-2.3218+1.1045i	-3.0408+2.5174i	0.0705+1.2835i	-2.8230+0.8753i	4.6589-1.7637i	-0.8675-0.7256i	0.0280+2.4316i
64.3	0.8575-0.7475i	-2.2231+1.2389i	-3.0715+2.5944i	0.1155+1.3434i	-2.7699+1.0506i	4.7036-1.8087i	-0.9189-0.7554i	0.1338+2.5445i
64.4	0.7935-0.7304i	-2.0737+1.4522i	-2.9926+2.7228i	0.2032+1.3934i	-2.6701+1.2372i	4.6809-1.9650i	-1.0341-0.7796i	0.3705+2.5229i
64.5	0.7640-0.7500i	-2.0001+1.6061i	-2.9614+2.9196i	0.2606+1.4372i	-2.6639+1.4876i	4.6985-2.1160i	-1.1416-0.7710i	0.4983+2.5631i
64.6	0.7500-0.6898i	-1.8808+1.6401i	-3.0277+2.9830i	0.3015+1.4835i	-2.5779+1.5804i	4.7794-2.1069i	-1.1472-0.6761i	0.5398+2.5672i
64.7	0.7380-0.7140i	-1.6982+1.8029i	-2.9142+3.1525i	0.4031+1.5425i	-2.4609+1.7616i	4.7461-2.3334i	-1.1968-0.6587i	0.7762+2.5596i
64.8	0.7328-0.7150i	-1.5936+1.8899i	-2.8464+3.2964i	0.4717+1.5664i	-2.3612+1.9864i	4.7310-2.4178i	-1.2078-0.5954i	0.9072+2.5415i
64.9	0.7498-0.7135i	-1.3953+1.9526i	-2.7468+3.4157i	0.5560+1.5809i	-2.1699+2.1183i	4.6937-2.5764i	-1.2591-0.6218i	1.1099+2.5068i
65.0	0.7361-0.6971i	-1.2383+1.9944i	-2.6193+3.5147i	0.6334+1.5944i	-1.9920+2.2821i	4.6584-2.6873i	-1.2233-0.6191i	1.2531+2.4462i
65.1	0.7679-0.7043i	-1.1106+2.0477i	-2.6178+3.6676i	0.7241+1.6561i	-1.8403+2.3883i	4.7683-2.8042i	-1.2393-0.6255i	1.4575+2.4431i
65.2	0.7718-0.7560i	-1.0067+2.1289i	-2.5662+3.8378i	0.8076+1.6868i	-1.6884+2.5238i	4.7691-3.0203i	-1.2769-0.6764i	1.6105+2.3072i
65.3	0.7656-0.7895i	-0.7923+2.0512i	-2.3173+3.9223i	0.9231+1.6115i	-1.4174+2.5222i	4.5915-3.2146i	-1.2976-0.6103i	1.8464+2.1588i
65.4	0.7405-0.7654i	-0.6246+1.9845i	-2.1917+3.8879i	0.9937+1.5879i	-1.2117+2.5166i	4.4871-3.2054i	-1.2107-0.6345i	1.8156+1.9948i
65.5	0.7709-0.7873i	-0.5045+1.9743i	-2.0621+3.9327i	1.0880+1.5765i	-0.9618+2.5676i	4.4541-3.3242i	-1.2399-0.7651i	1.9494+1.9286i
65.6	0.7262-0.8279i	-0.3182+1.9355i	-1.8511+3.9601i	1.2083+1.5434i	-0.7197+2.5218i	4.2821-3.5002i	-1.3872-0.7864i	2.1881+1.6623i
65.7	0.7093-0.8781i	-0.2232+1.9516i	-1.7429+4.0990i	1.3305+1.5618i	-0.5602+2.5953i	4.2948-3.6885i	-1.4581-0.8572i	2.2343+1.5284i
65.8	0.7175-0.9082i	-0.1645+1.9101i	-1.7179+4.1685i	1.4472+1.5552i	-0.4133+2.5493i	4.2751-3.8139i	-1.6194-0.8695i	2.2942+1.4511i
65.9	0.6673-0.9481i	-0.0365+1.8035i	-1.6390+4.0914i	1.5280+1.5040i	-0.2356+2.4252i	4.1856-3.8278i	-1.7948-0.8451i	2.3603+1.2125i
66.0	0.5971-0.9939i	0.1120+1.7772i	-1.4342+4.2346i	1.7118+1.4504i	-0.0111+2.3868i	4.0849-4.0879i	-2.0121-0.7970i	2.5553+1.0060i
66.1	0.5487-1.0108i	0.2110+1.6693i	-1.3341+4.2326i	1.8175+1.3458i	0.1319+2.2505i	3.9352-4.1749i	-2.1876-0.6951i	2.4571+0.8005i
66.2	0.5012-1.0065i	0.3299+1.5628i	-1.1443+4.2642i	1.9749+1.2203i	0.2983+2.1069i	3.8052-4.2948i	-2.3223-0.5519i	2.4379+0.6639i
66.3	0.4752-1.0142i	0.3613+1.4993i	-1.0108+4.3474i	2.0873+1.1042i	0.4044+1.9473i	3.7198-4.4860i	-2.4228-0.4353i	2.3725+0.5685i
66.4	0.4038-0.9815i	0.4173+1.3422i	-0.8405+4.2740i	2.2112+0.8824i	0.4729+1.8221i	3.6310-4.5631i	-2.4693-0.0962i	2.3505+0.3548i
66.5	0.3543-0.9751i	0.4362+1.2737i	-0.6469+4.2598i	2.2805+0.7068i	0.5080+1.7293i	3.4677-4.6831i	-2.5379+0.0991i	2.5264+0.1833i
66.6	0.3196-0.9482i	0.4237+1.1864i	-0.5610+4.1215i	2.2345+0.5387i	0.4633+1.5889i	3.2686-4.6912i	-2.4505+0.1892i	2.3336+0.0577i
66.7	0.3174-0.8888i	0.3939+1.0316i	-0.5637+3.9357i	2.1548+0.3748i	0.5118+1.4352i	3.1606-4.6236i	-2.3382+0.3006i	2.1905-0.0060i
66.8	0.3590-0.8985i	0.3580+0.9661i	-0.4972+3.9486i	2.1465+0.2108i	0.5732+1.3674i	3.0398-4.8107i	-2.3596+0.4361i	2.2259-0.1025i
66.9	0.3252-0.9222i	0.3515+0.9459i	-0.3815+3.9300i	2.1256+0.0578i	0.5728+1.2649i	2.8566-4.9303i	-2.3589+0.5276i	2.1753-0.1270i
67.0	0.3048-0.9250i	0.3088+0.9689i	-0.3730+3.9595i	2.0922-0.0225i	0.5341+1.2183i	2.7803-5.0398i	-2.3747+0.6423i	2.0908-0.2880i
67.1	0.2735-0.9274i	0.3181+0.9351i	-0.2904+3.9094i	2.0246-0.1556i	0.5359+1.1299i	2.6220-5.1548i	-2.3257+0.8233i	2.0135-0.4876i
67.2	0.2561-0.8993i	0.3480+0.8859i	-0.2346+3.8133i	1.9050-0.2775i	0.5587+0.9656i	2.4009-5.1867i	-2.3042+0.9269i	1.9674-0.5301i
67.3	0.2207-0.8874i	0.3425+0.8631i	-0.0899+3.7516i	1.7919-0.3928i	0.5392+0.8982i	2.1230-5.2355i	-2.2133+1.0260i	1.9143-0.6148i
67.4	0.1958-0.8818i	0.3507+0.8688i	-0.0080+3.6980i	1.7489-0.4862i	0.5386+0.8487i	1.9881-5.3097i	-2.1090+1.0646i	1.8887-0.6344i
67.5	0.1729-0.8680i	0.3617+0.8488i	0.0143+3.6762i	1.7102-0.5316i	0.5042+0.8599i	1.8204-5.2596i	-2.0844+1.0610i	1.7518-0.5930i
67.6	0.1661-0.8257i	0.3649+0.8083i	0.0324+3.6569i	1.6550-0.5631i	0.4332+0.8172i	1.7341-5.1990i	-1.9634+1.1461i	1.6594-0.6373i
67.7	0.1393-0.8078i	0.3927+0.7972i	0.0926+3.6025i	1.5692-0.6074i	0.4448+0.7628i	1.5493-5.2097i	-1.9000+1.2238i	1.6548-0.7000i
67.8	0.1229-0.8007i	0.4150+0.7414i	0.2002+3.5811i	1.4811-0.7108i	0.4110+0.6754i	1.3214-5.3033i	-1.9450+1.2866i	1.7211-0.7006i
67.9	0.1701-0.7638i	0.4093+0.6828i	0.2250+3.4737i	1.3616-0.7458i	0.3977+0.5805i	1.1902-5.1675i	-1.8931+1.3511i	1.6955-0.7646i
68.0	0.1539-0.7479i	0.3986+0.6700i	0.1833+3.4415i	1.3096-0.7590i	0.3753+0.5620i	1.1461-5.0933i	-1.8767+1.4104i	1.6413-0.8231i
68.1	0.1338-0.7523i	0.3913+0.6199i	0.3259+3.4005i	1.2057-0.8285i	0.2922+0.5412i	0.9225-5.1657i	-1.8207+1.5284i	1.6544-0.9537i
68.2	0.1461-0.7281i	0.3686+0.5773i	0.4255+3.2715i	1.0568-0.8545i	0.2913+0.5238i	0.6321-5.0712i	-1.6416+1.6334i	1.5846-1.0901i
68.3	0.1328-0.7587i	0.3617+0.6094i	0.4418+3.2987i	0.9915-0.8287i	0.1705+0.4573i	0.5191-5.1272i	-1.6045+1.8040i	1.5342-1.2877i
68.4	0.1318-0.7828i	0.3571+0.6152i	0.4420+3.3224i	0.9617-0.7900i	0.0812+0.5152i	0.4436-5.1621i	-1.5204+1.8909i	1.4274-1.3606i
68.5	0.1220-0.7754i	0.3254+0.5800i	0.5851+3.1614i	0.8360-0.7556i	0.0174+0.5476i	0.1674-5.0300i	-1.1834+1.7757i	1.1854-1.4003i
68.6	0.1090-0.7726i	0.3377+0.5489i	0.6095+2.9923i	0.7889-0.7219i	-0.0174+0.5819i	0.0126-4.9002i	-1.1133+1.7528i	1.1099-1.3816i

68.7	0.0975−0.7536i	0.3369+0.5446i	0.6151+3.0164i	0.7792−0.7197i	−0.0146+0.6419i	−0.1001−4.8549i	−1.1133+1.7827i	1.0966−1.3522i
68.8	0.0770−0.7436i	0.3176+0.5367i	0.6606+2.9081i	0.7238−0.6785i	−0.0778+0.6949i	−0.2247−4.7386i	−1.0656+1.7191i	1.0785−1.2974i
68.9	0.0802−0.7134i	0.3356+0.5262i	0.6064+2.7702i	0.6889−0.6576i	−0.0280+0.7650i	−0.2916−4.6213i	−1.0461+1.6853i	1.0508−1.2567i
69.0	0.0743−0.7060i	0.3444+0.5342i	0.5601+2.7220i	0.6932−0.6528i	−0.0077+0.8257i	−0.3794−4.5453i	−1.0079+1.7033i	0.9788−1.3682i
69.1	0.0800−0.7251i	0.3622+0.5453i	0.5849+2.6840i	0.6573−0.6463i	0.0277+0.8521i	−0.5459−4.4826i	−0.9058+1.7956i	0.9718−1.5141i
69.2	0.0866−0.6904i	0.3663+0.5222i	0.5130+2.6486i	0.6406−0.6261i	0.0623+0.9252i	−0.6261−4.4247i	−0.8435+1.8215i	0.8851−1.5019i
69.3	0.0628−0.6857i	0.3845+0.5166i	0.4820+2.5182i	0.6281−0.5970i	0.1175+0.9124i	−0.6680−4.2850i	−0.9316+1.7378i	0.9266−1.4983i
69.4	0.0721−0.6638i	0.4293+0.4987i	0.4676+2.4381i	0.6034−0.5982i	0.2383+0.9136i	−0.8072−4.1481i	−0.8190+1.7033i	0.7760−1.5108i
69.5	0.0794−0.6589i	0.4417+0.4388i	0.4190+2.4608i	0.5805−0.6158i	0.3089+0.8874i	−0.9239−4.0557i	−0.7138+1.7614i	0.6360−1.6049i
69.6	0.0953−0.6459i	0.4344+0.4037i	0.3415+2.3867i	0.5337−0.6296i	0.3897+0.8384i	−0.9380−3.8968i	−0.7185+1.7165i	0.5764−1.6153i
69.7	0.1257−0.6406i	0.3989+0.3680i	0.2581+2.2417i	0.4590−0.5884i	0.3300+0.8130i	−0.9562−3.7617i	−0.7175+1.5697i	0.5295−1.5230i
69.8	0.1417−0.6597i	0.3637+0.3388i	0.2437+2.2168i	0.4336−0.5670i	0.3200+0.7374i	−1.0207−3.7283i	−0.8001+1.6394i	0.6068−1.5734i
69.9	0.1349−0.6635i	0.3566+0.3460i	0.1799+2.3013i	0.4428−0.5479i	0.3166+0.7600i	−1.0698−3.7161i	−0.7970+1.8539i	0.5931−1.7078i
70.0	0.1497−0.6518i	0.3588+0.3125i	0.1261+2.2558i	0.4232−0.5255i	0.3591+0.7204i	−1.1390−3.5210i	−0.7360+1.9371i	0.4935−1.7222i
70.1	0.1692−0.6792i	0.3282+0.3024i	0.0514+2.3196i	0.4292−0.5041i	0.3537+0.7457i	−1.2074−3.4943i	−0.7027+2.0456i	0.4709−1.8000i
70.2	0.1489−0.7138i	0.3361+0.3036i	0.1311+2.3347i	0.4237−0.5237i	0.3901+0.6928i	−1.3243−3.4258i	−0.4982+2.0986i	0.3266−1.9007i
70.3	0.1759−0.7248i	0.3264+0.2830i	0.0268+2.3423i	0.4097−0.5124i	0.4358+0.6976i	−1.3154−3.3222i	−0.4389+2.0347i	0.2042−1.8671i
70.4	0.1961−0.7063i	0.3062+0.2734i	−0.0805+2.3770i	0.4064−0.5189i	0.3867+0.6943i	−1.3529−3.2386i	−0.3632+2.1624i	0.0854−1.9795i
70.5	0.1913−0.7153i	0.3132+0.2598i	−0.1039+2.3544i	0.4041−0.5124i	0.4392+0.6842i	−1.3866−3.1316i	−0.3426+2.0905i	−0.0558−1.9230i
70.6	0.1918−0.7309i	0.3050+0.2615i	−0.0999+2.3897i	0.3916−0.5111i	0.4222+0.6787i	−1.3855−3.0464i	−0.2647+1.9880i	−0.1635−1.8345i
70.7	0.1950−0.7354i	0.2880+0.2578i	−0.1560+2.4179i	0.3857−0.5294i	0.4271+0.6980i	−1.4423−2.9818i	−0.2020+2.0589i	−0.2830−1.8956i
70.8	0.2003−0.7344i	0.2801+0.2448i	−0.1879+2.4473i	0.3481−0.4925i	0.4125+0.6873i	−1.4970−2.8153i	−0.0928+2.0726i	−0.4848−1.8503i
70.9	0.2095−0.7534i	0.2685+0.2379i	−0.2179+2.4686i	0.3375−0.4813i	0.4330+0.6473i	−1.4501−2.7055i	−0.0226+2.0947i	−0.5413−1.8084i
71.0	0.2108−0.7586i	0.2575+0.2294i	−0.1922+2.4475i	0.3087−0.4923i	0.4250+0.6586i	−1.4885−2.5774i	0.1429+2.0068i	−0.6805−1.7254i
71.1	0.2304−0.7623i	0.2238+0.2181i	−0.2557+2.3804i	0.2726−0.5041i	0.4401+0.6355i	−1.4845−2.4743i	0.1598+1.9779i	−0.7223−1.6204i
71.2	0.2469−0.8119i	0.2008+0.2192i	−0.3725+2.5395i	0.2569−0.4623i	0.4047+0.7157i	−1.4420−2.4170i	0.1870+2.0629i	−0.7133−1.5789i
71.3	0.2685−0.8424i	0.1957+0.2172i	−0.3166+2.6148i	0.2477−0.4535i	0.4434+0.7369i	−1.4204−2.3183i	0.3929+1.9535i	−0.8393−1.4872i
71.4	0.2710−0.8616i	0.1599+0.2086i	−0.4072+2.5312i	0.2100−0.4428i	0.4622+0.7095i	−1.3787−2.2228i	0.3626+1.8972i	−0.8123−1.4579i
71.5	0.2913−0.8738i	0.1433+0.1893i	−0.5569+2.5689i	0.1746−0.4436i	0.5016+0.7373i	−1.3119−2.1745i	0.3417+1.8228i	−0.8444−1.3803i
71.6	0.2805−0.9194i	0.1439+0.2106i	−0.5515+2.6398i	0.1687−0.4388i	0.5821+0.7612i	−1.2866−2.1340i	0.5025+1.8170i	−0.9590−1.3978i
71.7	0.2565−0.9509i	0.1353+0.2242i	−0.4927+2.6890i	0.1603−0.4032i	0.5676+0.7495i	−1.2861−2.0153i	0.5675+1.7822i	−0.9853−1.3719i
71.8	0.2280−0.9864i	0.1123+0.2363i	−0.5056+2.8066i	0.1363−0.3748i	0.6352+0.7220i	−1.2763−1.9806i	0.6517+1.8215i	−1.0184−1.3243i
71.9	0.2204−1.0168i	0.1120+0.2315i	−0.5896+2.8054i	0.1247−0.3530i	0.6651+0.7033i	−1.2399−1.9478i	0.6332+1.8211i	−1.0448−1.3139i
72.0	0.2124−1.0294i	0.0861+0.2350i	−0.7164+2.7976i	0.1028−0.3364i	0.6760+0.7301i	−1.1981−1.8924i	0.7168+1.6927i	−1.1729−1.2791i
72.1	0.1844−1.0826i	0.0757+0.2460i	−0.7347+3.0139i	0.0909−0.2922i	0.7274+0.7427i	−1.2332−1.8732i	0.7414+1.7395i	−1.2515−1.2401i
72.2	0.1711−1.0959i	0.0714+0.2657i	−0.6689+3.1239i	0.1148−0.2707i	0.7933+0.6910i	−1.2194−1.8260i	0.7964+1.8045i	−1.2805−1.2254i
72.3	0.1337−1.1443i	0.0676+0.2853i	−0.6292+3.2371i	0.1136−0.2619i	0.8697+0.6973i	−1.1983−1.7802i	0.8750+1.7021i	−1.3552−1.1167i
72.4	0.0963−1.1584i	0.0675+0.2889i	−0.6098+3.2809i	0.1186−0.2407i	0.9222+0.6312i	−1.1832−1.7285i	0.9603+1.6101i	−1.4783−1.0353i
72.5	0.1189−1.2008i	0.0533+0.3072i	−0.5814+3.4702i	0.1367−0.2012i	0.9528+0.5955i	−1.1574−1.7126i	1.0579+1.6605i	−1.5274−1.0440i
72.6	0.1033−1.2392i	0.0336+0.3182i	−0.6018+3.5567i	0.0979−0.1707i	0.9987+0.5543i	−1.1004−1.7094i	1.0782+1.6014i	−1.5027−0.9269i
72.7	0.0470−1.2353i	0.0243+0.3106i	−0.5248+3.5135i	0.1180−0.1595i	1.0037+0.4981i	−1.0900−1.6213i	1.1196+1.5259i	−1.5384−0.8583i
72.8	0.0513−1.2507i	0.0045+0.3397i	−0.5785+3.6327i	0.1003−0.1229i	1.0719+0.4397i	−1.0633−1.6431i	1.1991+1.5858i	−1.5851−0.8979i
72.9	0.0125−1.2785i	0.0098+0.3519i	−0.4722+3.7463i	0.1221−0.1045i	1.1365+0.3708i	−1.0702−1.6047i	1.3054+1.5336i	−1.6236−0.7703i
73.0	−0.0534−1.2853i	0.0190+0.3587i	−0.3921+3.7715i	0.1594−0.1042i	1.1219+0.2930i	−1.0491−1.5253i	1.4912+1.4598i	−1.6760−0.7046i
73.1	−0.0579−1.3288i	0.0308+0.3900i	−0.3828+3.9871i	0.1927−0.0656i	1.2246+0.2459i	−1.0398−1.5344i	1.5925+1.3894i	−1.7956−0.6410i
73.2	−0.1151−1.3609i	0.0384+0.4166i	−0.1846+4.1236i	0.2421−0.0535i	1.2277+0.1710i	−1.1341−1.5052i	1.7278+1.2319i	−1.9009−0.5372i
73.3	−0.1395−1.3981i	0.0342+0.4170i	−0.1782+4.1395i	0.2638−0.0652i	1.1650+0.0969i	−1.0543−1.4462i	1.8694+1.0394i	−1.9855−0.4452i
73.4	−0.1958−1.3789i	0.0395+0.4067i	−0.0709+4.1771i	0.3248−0.0437i	1.1711+0.0563i	−1.0390−1.4307i	1.8147+0.8174i	−1.9178−0.2531i
73.5	−0.2684−1.4145i	0.0616+0.4425i	0.0649+4.3531i	0.3866−0.0200i	1.1698−0.0522i	−1.0524−1.4211i	1.8090+0.6862i	−1.9173−0.1211i
73.6	−0.3305−1.4154i	0.0728+0.4551i	0.1789+4.3289i	0.4138−0.0306i	1.1637−0.1218i	−0.9868−1.3711i	1.7597+0.5133i	−1.9454+0.0037i
73.7	−0.3479−1.3845i	0.0691+0.4335i	0.3518+4.3315i	0.4748−0.0896i	1.1466−0.1756i	−0.9898−1.3029i	1.7178+0.3786i	−1.8801+0.1572i
73.8	−0.3763−1.3784i	0.0643+0.4748i	0.2570+4.4325i	0.5156−0.0675i	1.1784−0.1835i	−0.9611−1.3455i	1.7102+0.3489i	−1.9239+0.1670i
73.9	−0.4118−1.3302i	0.0583+0.4584i	0.3230+4.3516i	0.5146−0.1215i	1.1340−0.2842i	−0.9207−1.3310i	1.6126+0.3239i	−1.8524+0.1724i
74.0	−0.4611−1.3151i	0.0773+0.4967i	0.5288+4.4229i	0.5316−0.2055i	1.0997−0.3754i	−0.9297−1.3027i	1.6174+0.2466i	−1.7956+0.2628i
74.1	−0.4716−1.3672i	0.0710+0.5211i	0.5491+4.5546i	0.5700−0.2390i	1.1077−0.4301i	−0.9439−1.3142i	1.6604+0.1489i	−1.8546+0.3800i
74.2	−0.4995−1.3334i	0.0952+0.5252i	0.7211+4.4805i	0.5635−0.3372i	1.0381−0.5083i	−0.9379−1.2174i	1.6361−0.0125i	−1.8492+0.5208i
74.3	−0.5609−1.3393i	0.1166+0.5409i	0.9039+4.5696i	0.6081−0.4009i	1.0397−0.6128i	−1.0031−1.1752i	1.6357−0.1696i	−1.8758+0.6798i
74.4	−0.5602−1.3164i	0.1086+0.5526i	0.8961+4.5585i	0.5483−0.4262i	0.9799−0.6144i	−0.9223−1.1900i	1.5544−0.1534i	−1.7750+0.6943i
74.5	−0.5776−1.3316i	0.1124+0.5671i	0.9428+4.5411i	0.5065−0.4765i	0.9189−0.7161i	−0.8911−1.1664i	1.5338−0.2880i	−1.7985+0.7737i
74.6	−0.5950−1.3634i	0.1391+0.5880i	1.1554+4.7590i	0.5151−0.5326i	0.8725−0.7856i	−1.0292−1.1436i	1.6287−0.4766i	−1.8829+0.9806i
74.7	−0.5576−1.3683i	0.1253+0.6224i	1.1367+4.7214i	0.4436−0.5509i	0.8165−0.7876i	−0.9620−1.1306i	1.5063−0.4716i	−1.7947+0.9610i
74.8	−0.5765−1.3870i	0.1339+0.6272i	1.1605+4.6860i	0.3845−0.5678i	0.7783−0.8348i	−0.9093−1.0831i	1.3936−0.5464i	−1.7269+1.0695i
74.9	−0.6258−1.4060i	0.1722+0.6266i	1.3922+4.7054i	0.3223−0.6039i	0.7253−0.8572i	−0.9252−0.9836i	1.3464−0.7232i	−1.6861+1.2895i

75.0	−0.6295−1.4235i	0.1956+0.6515i	1.4125+4.7159i	0.3175−0.5681i	0.6592−0.8461i	−0.9334−0.9801i	1.2828−0.7438i	−1.6153+1.2931i
75.1	−0.6886−1.4072i	0.2280+0.6591i	1.6202+4.6376i	0.2435−0.6064i	0.5483−0.9195i	−0.9162−0.8483i	1.1492−0.8613i	−1.5285+1.3864i
75.2	−0.7673−1.4585i	0.2612+0.6812i	1.7646+4.6877i	0.1647−0.6220i	0.4910−0.9874i	−0.8448−0.8440i	1.0153−0.9820i	−1.3931+1.5309i
75.3	−0.7949−1.4575i	0.2715+0.6932i	1.8588+4.7074i	0.1316−0.6052i	0.4446−0.9633i	−0.7900−0.8660i	0.8838−1.0139i	−1.3214+1.6475i
75.4	−0.8409−1.4562i	0.2991+0.6882i	1.9616+4.5981i	0.0666−0.5784i	0.3907−0.9528i	−0.7229−0.7552i	0.7358−1.0080i	−1.1653+1.6759i
75.5	−0.8947−1.4987i	0.3339+0.7007i	2.0862+4.6670i	0.0613−0.5643i	0.3409−0.9763i	−0.7383−0.7913i	0.6958−1.0290i	−1.0866+1.7334i
75.6	−0.9305−1.5246i	0.3574+0.6861i	2.2382+4.5629i	0.0587−0.5680i	0.2798−0.9655i	−0.7395−0.6587i	0.5895−1.0504i	−0.9616+1.7930i
75.7	−0.9967−1.5397i	0.3775+0.7103i	2.3645+4.5757i	−0.0007−0.5085i	0.2321−0.9580i	−0.6827−0.6613i	0.4903−1.0819i	−0.8796+1.8626i
75.8	−1.0876−1.5383i	0.4252+0.7159i	2.5368+4.5154i	−0.0118−0.5005i	0.1695−0.9813i	−0.5982−0.6475i	0.3515−1.1025i	−0.7658+1.9496i
75.9	−1.1839−1.5149i	0.4325+0.6980i	2.5662+4.2924i	−0.0375−0.4839i	0.0886−0.9515i	−0.4416−0.5793i	0.2221−1.0913i	−0.5849+1.9137i
76.0	−1.2077−1.5471i	0.4617+0.7208i	2.6235+4.3921i	−0.0194−0.4593i	0.0506−0.9941i	−0.4850−0.6498i	0.2020−1.1438i	−0.5567+1.9600i
76.1	−1.2935−1.5741i	0.5144+0.7395i	2.7924+4.4913i	−0.0136−0.4378i	−0.0013−0.9907i	−0.4926−0.6840i	0.1080−1.1469i	−0.4327+2.0887i
76.2	−1.3631−1.5220i	0.5359+0.7287i	2.8172+4.4073i	−0.0066−0.4075i	−0.0512−0.9603i	−0.4750−0.7093i	−0.0030−1.0775i	−0.3153+2.0356i
76.3	−1.4411−1.4987i	0.5735+0.7235i	2.9236+4.3553i	−0.0062−0.3834i	−0.1418−0.9740i	−0.4916−0.7347i	−0.0074−1.0676i	−0.2582+1.9954i
76.4	−1.5250−1.4426i	0.6169+0.6768i	3.0869+4.1530i	0.0044−0.3994i	−0.1680−0.9512i	−0.4543−0.6199i	−0.1481−1.0992i	−0.1104+2.0362i
76.5	−1.5300−1.4542i	0.5945+0.7014i	2.8667+4.1825i	−0.0208−0.3417i	−0.1715−0.9410i	−0.2726−0.6800i	−0.2230−0.9970i	−0.1262+1.9595i
76.6	−1.6266−1.3731i	0.6501+0.6968i	3.0669+4.1571i	−0.0363−0.3580i	−0.2694−0.8690i	−0.3258−0.7475i	−0.2884−0.9408i	0.0475+1.9966i
76.7	−1.6806−1.3213i	0.6951+0.6452i	3.2817+3.9833i	−0.0132−0.3887i	−0.3533−0.8767i	−0.3292−0.6212i	−0.3827−0.9102i	0.2489+1.9146i
76.8	−1.7633−1.2933i	0.7125+0.6395i	3.3202+3.8831i	−0.0445−0.3940i	−0.3851−0.8479i	−0.2190−0.6551i	−0.4561−0.8523i	0.3402+1.9182i
76.9	−1.8225−1.2209i	0.7317+0.6377i	3.3327+3.8788i	−0.0505−0.3528i	−0.4034−0.8598i	−0.2196−0.7438i	−0.5010−0.7876i	0.4054+1.9089i
77.0	−1.9308−1.1512i	0.7693+0.5932i	3.4235+3.7919i	−0.0608−0.3775i	−0.4434−0.8282i	−0.1290−0.7431i	−0.5661−0.7408i	0.5373+1.8849i
77.1	−2.0067−1.1095i	0.8261+0.5920i	3.6004+3.7530i	−0.0729−0.3741i	−0.5015−0.8099i	−0.1427−0.7594i	−0.6233−0.7151i	0.6459+1.8621i
77.2	−1.9894−1.0405i	0.8223+0.5517i	3.6475+3.6448i	−0.0808−0.3858i	−0.4976−0.7676i	−0.1585−0.7243i	−0.6611−0.6684i	0.7512+1.8123i
77.3	−2.0489−0.9593i	0.8664+0.5202i	3.8014+3.4795i	−0.1044−0.4012i	−0.5637−0.6985i	−0.1277−0.7831i	−0.7156−0.5903i	0.9056+1.7628i
77.4	−2.0760−0.9277i	0.9137+0.5063i	3.8254+3.5531i	−0.0917−0.4005i	−0.5846−0.6788i	−0.2749−0.7241i	−0.7045−0.5930i	0.9402+1.7193i
77.5	−2.1806−0.8353i	0.9542+0.4719i	4.0297+3.3899i	−0.1435−0.3813i	−0.6791−0.6338i	−0.2280−0.7675i	−0.7534−0.5475i	1.0694+1.6500i
77.6	−2.2590−0.7592i	1.0118+0.4441i	4.2400+3.0982i	−0.1780−0.3676i	−0.6963−0.6388i	−0.3476−0.8159i	−0.8081−0.5233i	1.2350+1.5810i
77.7	−2.1966−0.6553i	0.9773+0.3770i	3.9998+2.9454i	−0.1529−0.3365i	−0.7356−0.5607i	−0.2731−0.7379i	−0.8693−0.4597i	1.3228+1.4147i
77.8	−2.1961−0.5545i	0.9902+0.3351i	4.0297+2.8207i	−0.1639−0.3102i	−0.7491−0.5178i	−0.3039−0.7601i	−0.9266−0.3899i	1.3294+1.3013i
77.9	−2.2322−0.5496i	1.0191+0.3107i	4.0506+2.7645i	−0.1844−0.3025i	−0.7475−0.4730i	−0.3379−0.6682i	−1.0000−0.3911i	1.3815+1.2278i
78.0	−2.2593−0.5058i	1.0568+0.2636i	4.1080+2.6758i	−0.1636−0.3100i	−0.8148−0.4267i	−0.3935−0.4858i	−1.0510−0.3270i	1.4598+1.1133i
78.1	−2.2206−0.4495i	1.0141+0.2180i	3.9847+2.5329i	−0.2065−0.3186i	−0.8192−0.4078i	−0.2205−0.4794i	−1.0495−0.2386i	1.4450+0.9952i
78.2	−2.3300−0.3762i	1.0310+0.1902i	4.0246+2.4554i	−0.2523−0.2858i	−0.8345−0.3749i	−0.2530−0.4605i	−1.1045−0.2062i	1.5340+0.9226i
78.3	−2.4006−0.3037i	1.0867+0.1391i	4.1654+2.4810i	−0.2300−0.2900i	−0.8340−0.3585i	−0.3239−0.4012i	−1.1541−0.1131i	1.5805+0.9240i
78.4	−2.3966−0.2336i	1.0624+0.0783i	4.1478+2.2428i	−0.2486−0.3084i	−0.8167−0.2980i	−0.1263−0.2447i	−1.2023−0.0003i	1.6631+0.7226i
78.5	−2.3657−0.1519i	1.0065+0.0130i	3.8600+2.1438i	−0.2878−0.2739i	−0.8710−0.2160i	0.0669−0.1057i	−1.2092+0.0942i	1.6605+0.5336i
78.6	−2.3650−0.0054i	0.9791−0.0350i	3.8026+2.0760i	−0.3185−0.2227i	−0.8625−0.1629i	0.1914−0.1130i	−1.2064+0.2295i	1.6413+0.3923i
78.7	−2.3988+0.0978i	0.9949−0.0706i	3.8783+1.9299i	−0.3192−0.1674i	−0.8511−0.1083i	0.2236−0.0738i	−1.1796+0.3315i	1.6722+0.2591i
78.8	−2.3268+0.2451i	0.9215−0.1384i	3.6020+1.8016i	−0.3440−0.1391i	−0.8424−0.0293i	0.4988+0.0875i	−1.1668+0.3888i	1.5967+0.0206i
78.9	−2.2960+0.4136i	0.8809−0.1978i	3.4157+1.7887i	−0.3624−0.0842i	−0.7999+0.0157i	0.5217+0.0911i	−1.1461+0.4901i	1.5575−0.1339i
79.0	−1.9356+0.3158i	0.7499−0.2101i	3.3895+2.2383i	−0.1856−0.1515i	−0.7146−0.0262i	0.9334+0.4888i	−0.9876+0.4713i	1.2612−0.2419i
79.1	−2.3332−0.0889i	0.7607−0.0581i	3.7619+2.1810i	−0.4084−0.3601i	−0.7586−0.1047i	1.6240−0.1709i	−1.1660+0.3814i	1.2716−0.0635i
79.2	−2.5856+0.2213i	0.8597−0.0597i	3.6777+2.0709i	−0.5336−0.1544i	−0.7938−0.0468i	1.2505−0.6656i	−1.2596+0.6044i	1.3760−0.0684i
79.3	−2.4237+0.6110i	0.8327−0.1701i	3.5683+1.9448i	−0.4873+0.0179i	−0.7620−0.0069i	1.0292−0.4749i	−1.0465+0.7607i	1.2499−0.2654i
79.4	−2.3998+0.7250i	0.8178−0.2338i	3.5676+1.8221i	−0.4913+0.0450i	−0.8125+0.0612i	1.1297−0.3523i	−1.0402+0.7558i	1.2254−0.3523i
79.5	−2.3384+0.8128i	0.8031−0.2411i	3.6188+1.8504i	−0.4281+0.1222i	−0.7745+0.0582i	1.1827−0.4420i	−0.9778+0.7992i	1.1623−0.4224i
79.6	−2.2350+1.0009i	0.7469−0.2843i	3.5789+1.7357i	−0.4117+0.1918i	−0.7710+0.0956i	1.3348−0.4902i	−0.9048+0.8588i	1.0877−0.5519i
79.7	−2.0846+1.1075i	0.6839−0.2885i	3.4723+1.8219i	−0.3887+0.2690i	−0.7698+0.0958i	1.5537−0.4361i	−0.9217+0.9103i	0.9834−0.6612i
79.8	−1.9822+1.0436i	0.6444−0.2442i	3.5157+1.9536i	−0.3282+0.3097i	−0.7672+0.1102i	1.7906−0.6546i	−0.8668+0.9432i	0.8002−0.6446i
79.9	−1.8404+1.0796i	0.6256−0.2246i	3.5756+1.9200i	−0.2457+0.3457i	−0.7329+0.1076i	1.8833−0.9053i	−0.7579+0.9656i	0.6317−0.6491i
80.0	−1.7875+1.0901i	0.6057−0.1996i	3.6269+1.9947i	−0.1829+0.3560i	−0.7555+0.1375i	2.0790−1.1049i	−0.7358+1.0123i	0.4799−0.5791i

2.1.6 Run 1 – IP000 – Accels 41–47

In-plane shaking at 0°. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	39.6855+0.0000i	19.2327+0.0000i	-8.3808+0.0000i	17.8637+0.0000i	14.0368+0.0000i	17.7868+0.0000i	13.8999+0.0000i
0.1	-1.9026+1.2189i	-2.6143+0.0609i	-0.0892-4.4433i	1.5534+0.1309i	2.8448+4.4063i	4.3678+2.4984i	-7.5173-2.1575i
0.2	1.0631-0.8350i	2.5718-0.5446i	-0.1488-2.6124i	0.0213+0.5401i	2.3446+1.5329i	-0.0838+3.5203i	-1.0183+2.4354i
0.3	-1.3625+1.6904i	-0.0589+0.9292i	-2.2478-0.1584i	-0.0881+0.6656i	-0.7901+0.0475i	-0.0712+0.2416i	-0.1366-1.2053i
0.4	-0.5316+0.4778i	0.2057-0.3196i	-1.8538-0.9628i	-0.2040-0.2943i	-0.1720-0.3418i	-1.0132-1.8284i	0.5155+0.3426i
0.5	-0.1429-0.7360i	0.4084+0.8928i	-0.2933+0.3149i	-0.1533+0.1832i	0.1796-0.0748i	0.8498+0.6853i	-0.3839+2.0157i
0.6	1.5031-1.1223i	0.0039+0.0014i	0.6658-0.5012i	-0.2375+0.2970i	-0.3361-0.1115i	1.5688-0.5994i	1.9666-0.3089i
0.7	0.0885+0.1527i	0.0834+0.0894i	0.4541-0.3088i	-0.1176-0.0022i	0.0500+0.0554i	0.0068+0.2991i	0.8278+0.6040i
0.8	-0.0114-0.0132i	0.0860-0.0415i	0.0943+0.0109i	-0.1366+0.0361i	0.0290+0.0089i	-0.0157-0.1522i	-0.1495+0.1376i
0.9	-0.0427+0.0044i	0.0661+0.0592i	-0.0142+0.0034i	-0.1041-0.0553i	0.0050-0.0081i	0.0795-0.0388i	0.0526-0.0232i
1.0	-0.1355+0.0397i	-0.0276+0.0438i	-0.0679+0.0279i	-0.0978-0.0174i	-0.0105+0.0162i	0.0207+0.0393i	0.0131+0.0244i
1.1	-0.1221+0.0006i	0.0039+0.0014i	-0.0396-0.0264i	-0.1139-0.0339i	-0.0048-0.0075i	-0.0511+0.0248i	-0.0039-0.0076i
1.2	-0.1699-0.0302i	-0.0149+0.0153i	-0.0132-0.0009i	-0.1696+0.0023i	-0.0066+0.0077i	-0.0580-0.0268i	-0.0704+0.0529i
1.3	-0.2237-0.0735i	-0.0490-0.0384i	-0.0058-0.0188i	-0.1942-0.0081i	-0.0075+0.0078i	-0.0365-0.0251i	0.0201+0.0330i
1.4	-0.2634-0.0278i	-0.0296+0.0175i	-0.0453+0.0128i	-0.2407-0.0216i	-0.0390+0.0149i	-0.0434-0.0111i	0.0167+0.0153i
1.5	-0.4252+0.0147i	-0.2026+0.1069i	-0.0608-0.0038i	-0.2485-0.0512i	-0.1674+0.0857i	-0.0447-0.0087i	0.0312-0.0187i
1.6	-0.3347+0.0374i	0.1785+0.1241i	-0.0646-0.0040i	-0.4542-0.0564i	0.1754+0.1158i	-0.0686+0.0000i	-0.0482-0.0423i
1.7	-0.4873-0.0106i	0.0900+0.0044i	-0.0793-0.0026i	-0.5302-0.0227i	0.0999-0.0000i	-0.0938-0.0070i	-0.0332-0.0256i
1.8	-0.6646-0.0284i	0.0930-0.0069i	-0.1023-0.0087i	-0.6880-0.0270i	0.1078-0.0056i	-0.1111-0.0084i	-0.0157-0.0317i
1.9	-0.9055-0.0228i	0.1124-0.0460i	-0.1297-0.0061i	-0.9226-0.0211i	0.1347-0.0447i	-0.1506-0.0035i	-0.0141-0.0436i
2.0	-1.3120-0.0064i	0.1421-0.1240i	-0.1794-0.0063i	-1.3163-0.0168i	0.1742-0.1217i	-0.2086+0.0035i	-0.0271-0.1094i
2.1	-2.0714+0.1008i	0.1200-0.5387i	-0.2650+0.0062i	-2.0843+0.0680i	0.1757-0.5321i	-0.3047+0.0283i	-0.1065-0.4288i
2.2	-4.3536+0.6792i	-1.0851-0.1596i	-0.5008+0.0637i	-4.3735+0.5013i	-0.9359-0.1832i	-0.5706+0.1318i	-1.2361-0.0517i
2.3	-3.5832+15.8839i	0.4734+1.1932i	-0.4421+1.6940i	-4.3175+16.2842i	0.5061+0.6262i	-0.2792+1.8879i	0.0530+2.2613i
2.4	4.7920+1.8648i	0.2320+0.0109i	0.4642+0.2115i	4.9424+2.0639i	0.0668-0.0423i	0.4938+0.1781i	0.5292+0.1552i
2.5	2.7431+0.6201i	0.0765-0.0342i	0.2301+0.0708i	2.8540+0.6716i	-0.0222-0.0536i	0.2607+0.0516i	0.2486+0.0105i
2.6	1.9919+0.3429i	0.0329-0.0217i	0.1489+0.0333i	2.0695+0.3784i	-0.0357-0.0348i	0.1696+0.0330i	0.1583+0.0066i
2.7	1.5826+0.2416i	0.0191-0.0224i	0.1021+0.0263i	1.6368+0.2544i	-0.0318-0.0275i	0.1170+0.0259i	0.1182-0.0011i
2.8	1.3396+0.1889i	0.0145-0.0145i	0.0670+0.0194i	1.3868+0.1931i	-0.0318-0.0204i	0.0837+0.0162i	0.0918-0.0018i
2.9	1.1738+0.1498i	0.0103-0.0111i	0.0416+0.0153i	1.2138+0.1520i	-0.0306-0.0137i	0.0605+0.0122i	0.0815+0.0002i
3.0	1.0562+0.1232i	0.0104-0.0074i	0.0227+0.0111i	1.0879+0.1258i	-0.0259-0.0105i	0.0393+0.0117i	0.0692+0.0065i
3.1	0.9708+0.1172i	0.0078-0.0052i	0.0066+0.0098i	0.9991+0.1166i	-0.0268-0.0087i	0.0238+0.0112i	0.0584+0.0026i
3.2	0.9061+0.1053i	0.0071-0.0072i	-0.0079+0.0083i	0.9324+0.1045i	-0.0258-0.0086i	0.0068+0.0098i	0.0531+0.0018i
3.3	0.8533+0.0982i	0.0073-0.0063i	-0.0214+0.0079i	0.8779+0.0961i	-0.0228-0.0082i	-0.0060+0.0083i	0.0486-0.0014i
3.4	0.8111+0.0881i	0.0070-0.0055i	-0.0366+0.0070i	0.8339+0.0846i	-0.0224-0.0073i	-0.0217+0.0070i	0.0495-0.0006i
3.5	0.7750+0.0803i	0.0070-0.0046i	-0.0497+0.0047i	0.7964+0.0752i	-0.0228-0.0068i	-0.0329+0.0049i	0.0427+0.0013i
3.6	0.7411+0.0767i	0.0050-0.0056i	-0.0647+0.0039i	0.7624+0.0734i	-0.0226-0.0072i	-0.0454+0.0054i	0.0395+0.0014i
3.7	0.7164+0.0737i	0.0066-0.0039i	-0.0778+0.0017i	0.7365+0.0697i	-0.0201-0.0059i	-0.0603+0.0041i	0.0344+0.0032i
3.8	0.6911+0.0670i	0.0039-0.0023i	-0.0920+0.0030i	0.7101+0.0640i	-0.0219-0.0032i	-0.0747+0.0011i	0.0309-0.0001i
3.9	0.6717+0.0681i	0.0062-0.0007i	-0.1075+0.0013i	0.6902+0.0631i	-0.0206-0.0027i	-0.0874+0.0039i	0.0335-0.0004i
4.0	0.6531+0.0653i	0.0040-0.0024i	-0.1223+0.0014i	0.6706+0.0602i	-0.0194-0.0031i	-0.1049+0.0021i	0.0314+0.0037i
4.1	0.6388+0.0666i	0.0063-0.0017i	-0.1399+0.0026i	0.6562+0.0597i	-0.0190-0.0040i	-0.1215+0.0006i	0.0276+0.0026i
4.2	0.6192+0.0642i	0.0066-0.0033i	-0.1547+0.0029i	0.6391+0.0572i	-0.0170-0.0049i	-0.1370+0.0013i	0.0293-0.0010i
4.3	0.6089+0.0649i	0.0087-0.0056i	-0.1751+0.0043i	0.6266+0.0618i	-0.0133-0.0051i	-0.1527+0.0009i	0.0317+0.0019i
4.4	0.5952+0.0670i	0.0100-0.0063i	-0.1954+0.0063i	0.6128+0.0616i	-0.0134-0.0076i	-0.1708+0.0026i	0.0303+0.0013i
4.5	0.5918+0.0724i	0.0030-0.0100i	-0.2171+0.0067i	0.6089+0.0659i	-0.0222-0.0118i	-0.1925+0.0062i	0.0194+0.0012i
4.6	0.5796+0.0737i	0.0044-0.0040i	-0.2366+0.0036i	0.5958+0.0667i	-0.0190-0.0072i	-0.2148+0.0014i	0.0137-0.0000i
4.7	0.5667+0.0672i	0.0025-0.0051i	-0.2626+0.0071i	0.5858+0.0622i	-0.0185-0.0052i	-0.2360+0.0039i	0.0167+0.0018i
4.8	0.5597+0.0698i	0.0037-0.0024i	-0.2896+0.0057i	0.5767+0.0641i	-0.0174-0.0052i	-0.2633+0.0075i	0.0161+0.0053i
4.9	0.5470+0.0801i	0.0085-0.0047i	-0.3167+0.0041i	0.5645+0.0712i	-0.0160-0.0032i	-0.2916+0.0028i	0.0170+0.0018i
5.0	0.5401+0.0765i	0.0077-0.0061i	-0.3513+0.0084i	0.5588+0.0740i	-0.0146-0.0078i	-0.3213+0.0045i	0.0116+0.0033i
5.1	0.5332+0.0878i	0.0094-0.0091i	-0.3815+0.0120i	0.5444+0.0827i	-0.0133-0.0082i	-0.3564+0.0130i	0.0128-0.0026i
5.2	0.5198+0.0973i	0.0080-0.0107i	-0.4229+0.0228i	0.5351+0.0895i	-0.0176-0.0115i	-0.3972+0.0180i	0.0137-0.0000i
5.3	0.5145+0.1042i	0.0077-0.0090i	-0.4678+0.0291i	0.5309+0.0988i	-0.0179-0.0124i	-0.4345+0.0253i	0.0070+0.0064i
5.4	0.5085+0.1221i	0.0113-0.0122i	-0.5169+0.0434i	0.5239+0.1158i	-0.0147-0.0136i	-0.4792+0.0413i	0.0092+0.0022i
5.5	0.5090+0.1402i	0.0145-0.0162i	-0.5640+0.0559i	0.5305+0.1347i	-0.0142-0.0190i	-0.5245+0.0541i	0.0069+0.0033i
5.6	0.5070+0.1480i	0.0084-0.0159i	-0.6125+0.0722i	0.5243+0.1468i	-0.0125-0.0217i	-0.5696+0.0708i	0.0026-0.0002i

5.7	0.5338+0.1597i	0.0087-0.0197i	-0.6724+0.0860i	0.5497+0.1582i	-0.0190-0.0207i	-0.6292+0.0859i	0.0048-0.0039i
5.8	0.5170+0.1877i	0.0078-0.0264i	-0.7290+0.1350i	0.5365+0.1806i	-0.0170-0.0259i	-0.6870+0.1317i	-0.0012-0.0019i
5.9	0.5559+0.2070i	-0.0020-0.0334i	-0.7690+0.1602i	0.5794+0.2028i	-0.0254-0.0326i	-0.7272+0.1533i	0.0002-0.0108i
6.0	0.5691+0.2043i	-0.0153-0.0395i	-0.8249+0.1751i	0.5939+0.1996i	-0.0355-0.0357i	-0.7779+0.1619i	-0.0093-0.0041i
6.1	0.5880+0.1905i	-0.0201-0.0248i	-0.9023+0.1781i	0.6168+0.1817i	-0.0422-0.0256i	-0.8530+0.1723i	-0.0211+0.0013i
6.2	0.5954+0.1944i	-0.0280-0.0221i	-1.0109+0.1820i	0.6257+0.1906i	-0.0480-0.0187i	-0.9586+0.1785i	-0.0254+0.0068i
6.3	0.5975+0.1892i	-0.0341-0.0118i	-1.1366+0.2080i	0.6275+0.1805i	-0.0575-0.0126i	-1.0828+0.2083i	-0.0328+0.0121i
6.4	0.5955+0.1841i	-0.0312-0.0045i	-1.3021+0.2512i	0.6275+0.1724i	-0.0530-0.0062i	-1.2436+0.2473i	-0.0311+0.0238i
6.5	0.6176+0.1967i	-0.0225+0.0012i	-1.5036+0.3241i	0.6512+0.1855i	-0.0535-0.0017i	-1.4310+0.3140i	-0.0367+0.0284i
6.6	0.6094+0.1976i	-0.0293-0.0024i	-1.7544+0.4238i	0.6491+0.1888i	-0.0573-0.0031i	-1.6799+0.4194i	-0.0391+0.0254i
6.7	0.6403+0.2176i	-0.0295+0.0059i	-2.0633+0.6225i	0.6822+0.2032i	-0.0601-0.0010i	-1.9771+0.6156i	-0.0482+0.0323i
6.8	0.6726+0.2352i	-0.0353+0.0102i	-2.4123+0.9200i	0.7216+0.2104i	-0.0658+0.0062i	-2.3168+0.9059i	-0.0544+0.0427i
6.9	0.7131+0.2286i	-0.0368+0.0250i	-2.9017+1.3701i	0.7734+0.2022i	-0.0714+0.0197i	-2.7846+1.3492i	-0.0577+0.0583i
7.0	0.7531+0.2025i	-0.0378+0.0412i	-3.5439+2.4156i	0.8227+0.1583i	-0.0745+0.0355i	-3.4023+2.3787i	-0.0706+0.0780i
7.1	0.8217+0.1629i	-0.0359+0.0605i	-3.5094+4.5713i	0.8881+0.0920i	-0.0735+0.0573i	-3.3518+4.4774i	-0.0592+0.1121i
7.2	0.8299+0.0651i	0.0057+0.1035i	-0.8761+6.5310i	0.8552-0.0438i	-0.0314+0.1055i	-0.7622+6.3603i	-0.0056+0.1660i
7.3	0.7397+0.0024i	0.0731+0.0749i	1.2339+5.2432i	0.7341-0.0876i	0.0372+0.0825i	1.2993+5.0865i	0.0602+0.1167i
7.4	0.6657+0.0357i	0.0941-0.0127i	2.8097+4.8417i	0.6303-0.0398i	0.0610+0.0006i	2.8239+4.6726i	0.0873+0.0473i
7.5	0.6655+0.0746i	0.0266-0.0283i	3.3715+2.1895i	0.6336+0.0327i	-0.0024-0.0191i	3.3451+2.0939i	0.0349+0.0224i
7.6	0.6675+0.1023i	0.0115-0.0056i	2.2493+1.1940i	0.6521+0.0775i	-0.0188-0.0002i	2.2438+1.1362i	0.0016+0.0329i
7.7	0.6773+0.1112i	0.0180+0.0045i	1.5930+0.9573i	0.6736+0.0858i	-0.0134+0.0068i	1.6030+0.9095i	0.0013+0.0414i
7.8	0.6886+0.1083i	0.0211+0.0056i	1.1176+0.9193i	0.6919+0.0822i	-0.0129+0.0106i	1.1484+0.8688i	-0.0049+0.0497i
7.9	0.6991+0.1188i	0.0220-0.0030i	0.8126+1.1405i	0.7065+0.0917i	-0.0131+0.0008i	0.8554+1.0861i	-0.0135+0.0626i
8.0	0.7116+0.1279i	0.0167+0.0167i	1.0781+1.1230i	0.7116+0.0907i	-0.0119+0.0179i	1.1228+1.0664i	-0.0060+0.0756i
8.1	0.7399+0.1093i	0.0326-0.0023i	0.5907+1.1481i	0.7555+0.0824i	-0.0013-0.0028i	0.6547+1.0936i	-0.0037+0.0673i
8.2	0.7529+0.1038i	0.0211-0.0092i	0.8299+1.2976i	0.7610+0.0740i	-0.0130-0.0059i	0.8895+1.2427i	-0.0093+0.0746i
8.3	0.7595+0.0969i	0.0202-0.0125i	0.8862+1.1036i	0.7711+0.0679i	-0.0160-0.0068i	0.9536+1.0483i	-0.0076+0.0670i
8.4	0.7707+0.0945i	0.0251-0.0130i	0.7077+0.9644i	0.7838+0.0681i	-0.0121-0.0061i	0.7882+0.9038i	-0.0197+0.0642i
8.5	0.7866+0.0898i	0.0278-0.0164i	0.4866+0.9354i	0.8013+0.0558i	-0.0204-0.0099i	0.5803+0.8778i	-0.0269+0.0583i
8.6	0.7867+0.0823i	0.0211-0.0140i	0.1799+0.9639i	0.8135+0.0471i	-0.0183-0.0132i	0.3052+0.8897i	-0.0474+0.0629i
8.7	0.8077+0.0651i	0.0230-0.0263i	0.1006+1.1955i	0.8323+0.0290i	-0.0215-0.0155i	0.2346+1.1162i	-0.0548+0.0707i
8.8	0.8294+0.0452i	0.0157-0.0256i	-0.1682+1.3646i	0.8611-0.0042i	-0.0337-0.0176i	-0.0065+1.2527i	-0.0750+0.0852i
8.9	0.8422+0.0163i	0.0166-0.0202i	-0.2481+1.7588i	0.8743-0.0412i	-0.0338-0.0085i	-0.0648+1.6073i	-0.0830+0.1297i
9.0	0.8457+0.0072i	0.0199-0.0381i	-0.4829+2.1203i	0.8847-0.0687i	-0.0315-0.0184i	-0.2728+1.9113i	-0.0923+0.1374i
9.1	0.8475-0.0290i	0.0007-0.0543i	0.2390+2.7937i	0.8633-0.1299i	-0.0461-0.0273i	0.3866+2.5270i	-0.0660+0.1771i
9.2	0.8503-0.0048i	-0.0224-0.0564i	-0.3108+2.6221i	0.8778-0.1070i	-0.0664-0.0262i	-0.1034+2.3536i	-0.1396+0.2036i
9.3	0.8872-0.0922i	-0.0504-0.0602i	0.1110+4.2589i	0.8968-0.2331i	-0.0934-0.0122i	0.3061+3.7932i	-0.1112+0.3530i
9.4	0.8197-0.1737i	-0.0911-0.0154i	2.0044+4.8257i	0.7655-0.3246i	-0.1092+0.0335i	1.9889+4.2488i	0.0419+0.4322i
9.5	0.7243-0.1672i	-0.0719+0.0211i	3.5345+3.8025i	0.6253-0.2921i	-0.0795+0.0604i	3.3179+3.3022i	0.1911+0.3685i
9.6	0.6805-0.1119i	-0.0410+0.0477i	3.8488+2.4924i	0.5719-0.1886i	-0.0447+0.0700i	3.5665+2.1352i	0.2463+0.2710i
9.7	0.6645-0.0796i	-0.0194+0.0538i	3.6439+1.6767i	0.5641-0.1304i	-0.0316+0.0705i	3.3615+1.4034i	0.2390+0.2128i
9.8	0.6697-0.0434i	-0.0012+0.0567i	3.3564+1.1933i	0.5740-0.0772i	-0.0205+0.0658i	3.0835+0.9833i	0.2212+0.1714i
9.9	0.6844-0.0141i	0.0147+0.0396i	3.0966+0.9071i	0.6056-0.0444i	-0.0058+0.0567i	2.8436+0.7348i	0.2203+0.1357i
10.0	0.7017-0.0095i	0.0274+0.0341i	2.9061+0.6964i	0.6306-0.0286i	0.0045+0.0488i	2.6600+0.5588i	0.2144+0.1099i
10.1	0.7002+0.0056i	0.0244+0.0250i	2.7114+0.5536i	0.6331-0.0137i	-0.0006+0.0418i	2.4912+0.4396i	0.1993+0.0944i
10.2	0.7133+0.0163i	0.0262+0.0106i	2.5682+0.4391i	0.6529-0.0008i	0.0027+0.0320i	2.3595+0.3454i	0.1898+0.0791i
10.3	0.7252+0.0032i	0.0266+0.0134i	2.4401+0.3637i	0.6675-0.0118i	0.0038+0.0369i	2.2451+0.2761i	0.1759+0.0639i
10.4	0.7323+0.0094i	0.0286+0.0187i	2.3458+0.3176i	0.6772+0.0012i	0.0097+0.0396i	2.1428+0.2284i	0.1690+0.0544i
10.5	0.7385+0.0221i	0.0339+0.0132i	2.2541+0.2730i	0.6861+0.0140i	0.0144+0.0291i	2.0476+0.1931i	0.1546+0.0520i
10.6	0.7455+0.0287i	0.0403+0.0025i	2.1694+0.2275i	0.6941+0.0151i	0.0158+0.0186i	1.9668+0.1736i	0.1484+0.0661i
10.7	0.7569+0.0264i	0.0335+0.0058i	2.1092+0.1975i	0.7052+0.0178i	0.0155+0.0168i	1.9153+0.1600i	0.1342+0.0709i
10.8	0.7708+0.0349i	0.0329-0.0024i	2.0477+0.1830i	0.7273+0.0221i	0.0147+0.0126i	1.8699+0.1541i	0.1437+0.0783i
10.9	0.7762+0.0320i	0.0368-0.0054i	1.9944+0.1548i	0.7308+0.0280i	0.0177+0.0105i	1.8202+0.1317i	0.1593+0.0772i
11.0	0.7867+0.0366i	0.0365-0.0004i	1.9559+0.1569i	0.7408+0.0283i	0.0168+0.0088i	1.7920+0.1329i	0.1480+0.0761i
11.1	0.7962+0.0369i	0.0433-0.0046i	1.9157+0.1426i	0.7541+0.0282i	0.0202+0.0049i	1.7530+0.1260i	0.1451+0.0704i
11.2	0.7992+0.0317i	0.0481-0.0161i	1.8751+0.1369i	0.7615+0.0205i	0.0262-0.0095i	1.7190+0.1199i	0.1388+0.0695i
11.3	0.8174+0.0345i	0.0454-0.0377i	1.8357+0.1260i	0.7822+0.0232i	0.0190-0.0244i	1.6975+0.1275i	0.1671+0.0793i
11.4	0.8266+0.0421i	0.0319-0.0485i	1.8137+0.1174i	0.7903+0.0303i	0.0034-0.0375i	1.6877+0.1208i	0.1877+0.0691i
11.5	0.8256+0.0434i	0.0080-0.0515i	1.7733+0.1144i	0.7936+0.0319i	-0.0167-0.0443i	1.6670+0.1216i	0.2093+0.0525i
11.6	0.8460+0.0475i	-0.0068-0.0343i	1.7589+0.1233i	0.8095+0.0388i	-0.0336-0.0275i	1.6621+0.1030i	0.2050+0.0280i
11.7	0.8591+0.0529i	-0.0079-0.0184i	1.7433+0.1378i	0.8251+0.0448i	-0.0427-0.0161i	1.6466+0.1076i	0.1816+0.0047i
11.8	0.8758+0.0570i	-0.0127-0.0080i	1.7466+0.1559i	0.8332+0.0475i	-0.0438-0.0051i	1.6368+0.1140i	0.1603-0.0106i
11.9	0.8863+0.0513i	-0.0058+0.0081i	1.7465+0.1410i	0.8464+0.0445i	-0.0393+0.0144i	1.6346+0.0995i	0.1536-0.0257i

12.0	0.9070+0.0528i	0.0002+0.0186i	1.7533+0.1476i	0.8708+0.0447i	-0.0374+0.0193i	1.6246+0.1064i	0.1314-0.0239i
12.1	0.9318+0.0597i	0.0121+0.0183i	1.7648+0.1332i	0.8856+0.0522i	-0.0256+0.0228i	1.6212+0.0915i	0.0925-0.0307i
12.2	0.9404+0.0622i	0.0182+0.0169i	1.7986+0.1177i	0.9016+0.0487i	-0.0195+0.0212i	1.6433+0.0848i	0.0901-0.0173i
12.3	0.9559+0.0533i	0.0217+0.0054i	1.8029+0.0978i	0.9219+0.0444i	-0.0143+0.0170i	1.6433+0.0757i	0.0896+0.0009i
12.4	0.9584+0.0502i	0.0316+0.0093i	1.7937+0.0738i	0.9179+0.0413i	-0.0063+0.0167i	1.6371+0.0497i	0.0925-0.0044i
12.5	0.9639+0.0511i	0.0362+0.0090i	1.7822+0.0502i	0.9321+0.0357i	-0.0002+0.0208i	1.6291+0.0386i	0.0906+0.0092i
12.6	0.9817+0.0506i	0.0426+0.0159i	1.7856+0.0337i	0.9494+0.0416i	-0.0022+0.0238i	1.6174+0.0316i	0.0833+0.0004i
12.7	1.0058+0.0561i	0.0538+0.0141i	1.7885+0.0184i	0.9683+0.0474i	0.0098+0.0243i	1.6193+0.0301i	0.0680+0.0187i
12.8	1.0246+0.0653i	0.0637+0.0139i	1.7910+0.0145i	0.9906+0.0490i	0.0185+0.0255i	1.6057+0.0305i	0.0508+0.0193i
12.9	1.0342+0.0722i	0.0718+0.0077i	1.7585+0.0245i	0.9967+0.0619i	0.0303+0.0203i	1.5797+0.0452i	0.0571+0.0184i
13.0	1.0497+0.0769i	0.0818+0.0029i	1.7589+0.0218i	1.0096+0.0626i	0.0300+0.0104i	1.5741+0.0599i	0.0517+0.0374i
13.1	1.0604+0.0926i	0.0869-0.0052i	1.7540+0.0336i	1.0214+0.0744i	0.0400+0.0027i	1.5782+0.0783i	0.0379+0.0378i
13.2	1.0960+0.1058i	0.0954-0.0090i	1.7857+0.0355i	1.0541+0.0832i	0.0473-0.0015i	1.6054+0.0884i	0.0364+0.0308i
13.3	1.1182+0.1105i	0.1096-0.0229i	1.7917+0.0395i	1.0644+0.0930i	0.0516-0.0133i	1.5950+0.0932i	0.0204+0.0470i
13.4	1.1522+0.1330i	0.1241-0.0260i	1.8279+0.0556i	1.0968+0.1070i	0.0731-0.0175i	1.6191+0.1182i	-0.0140+0.0524i
13.5	1.2016+0.1460i	0.1422-0.0419i	1.8681+0.0655i	1.1388+0.1295i	0.0829-0.0298i	1.6530+0.1467i	-0.0273+0.0713i
13.6	1.2460+0.1479i	0.1649-0.0657i	1.8952+0.0501i	1.1846+0.1388i	0.0960-0.0437i	1.6710+0.1535i	-0.0531+0.1107i
13.7	1.2823+0.1626i	0.1711-0.1023i	1.9176+0.0478i	1.2258+0.1578i	0.1040-0.0831i	1.6665+0.1816i	-0.0789+0.1458i
13.8	1.3489+0.1550i	0.1816-0.1435i	1.9409+0.0182i	1.2846+0.1632i	0.1053-0.1198i	1.6982+0.1861i	-0.0883+0.1694i
13.9	1.4089+0.1524i	0.1648-0.1918i	1.9936+0.0672i	1.3522+0.1781i	0.0844-0.1620i	1.7332+0.2616i	-0.1054+0.2091i
14.0	1.4619+0.1371i	0.1288-0.2280i	2.0608+0.0267i	1.4208+0.1461i	0.0444-0.2037i	1.7969+0.2926i	-0.1100+0.2863i
14.1	1.5074+0.1134i	0.0883-0.2521i	2.0671-0.0218i	1.4728+0.1296i	0.0035-0.2131i	1.8385+0.3090i	-0.0589+0.3715i
14.2	1.5591+0.1111i	0.0603-0.2607i	2.0814-0.0071i	1.5290+0.1174i	-0.0208-0.2187i	1.9066+0.3731i	-0.0168+0.4489i
14.3	1.6093+0.0851i	0.0280-0.2666i	2.1174-0.0499i	1.5845+0.0840i	-0.0571-0.2234i	2.0105+0.3760i	0.0599+0.4773i
14.4	1.6726+0.0595i	0.0044-0.2600i	2.1761-0.0307i	1.6389+0.0489i	-0.0724-0.2126i	2.1131+0.3862i	0.1152+0.4883i
14.5	1.7180+0.0257i	-0.0273-0.2653i	2.2135-0.0624i	1.6893+0.0251i	-0.0977-0.2081i	2.1973+0.3745i	0.1590+0.5035i
14.6	1.7791+0.0073i	-0.0337-0.2580i	2.2686-0.0665i	1.7363-0.0065i	-0.1117-0.1980i	2.2645+0.3839i	0.1957+0.5271i
14.7	1.8353-0.0251i	-0.0562-0.2715i	2.3080-0.1050i	1.8149-0.0353i	-0.1320-0.2153i	2.3618+0.3862i	0.2549+0.5956i
14.8	1.8661-0.0581i	-0.0930-0.2774i	2.2974-0.1403i	1.8417-0.0780i	-0.1682-0.2050i	2.4709+0.3789i	0.3862+0.6379i
14.9	1.9312-0.0507i	-0.1043-0.2638i	2.3259-0.1176i	1.8968-0.0705i	-0.1876-0.1932i	2.5783+0.3694i	0.4783+0.6171i
15.0	2.0203-0.0544i	-0.1186-0.2571i	2.3877-0.0358i	1.9646-0.0776i	-0.1915-0.1815i	2.7420+0.4238i	0.5819+0.5511i
15.1	2.1093-0.0837i	-0.1334-0.2101i	2.4913+0.0575i	2.0410-0.1134i	-0.2033-0.1369i	2.9007+0.4252i	0.6181+0.4227i
15.2	2.1690-0.0769i	-0.1016-0.2084i	2.6037+0.1495i	2.1121-0.0985i	-0.1802-0.1303i	2.9867+0.4273i	0.5596+0.3289i
15.3	2.2906-0.1272i	-0.0787-0.2353i	2.7911+0.1312i	2.2298-0.1414i	-0.1491-0.1474i	3.1610+0.3810i	0.5145+0.3503i
15.4	2.3953-0.1554i	-0.0528-0.2567i	3.0011+0.1464i	2.3190-0.1579i	-0.1362-0.1602i	3.3458+0.3932i	0.4276+0.3402i
15.5	2.5176-0.1810i	-0.0210-0.3292i	3.3025+0.1227i	2.4475-0.1976i	-0.0989-0.2279i	3.5891+0.4163i	0.3199+0.4815i
15.6	2.6610-0.2264i	-0.0016-0.4247i	3.5720-0.0458i	2.5824-0.2346i	-0.0832-0.3286i	3.8741+0.3515i	0.3055+0.7056i
15.7	2.8554-0.3472i	-0.0339-0.5510i	3.9246-0.2243i	2.7789-0.3526i	-0.1079-0.4324i	4.3226+0.2839i	0.3947+0.9898i
15.8	3.0366-0.4211i	-0.1472-0.7435i	4.2080-0.5009i	2.9538-0.4305i	-0.2074-0.6159i	4.8112+0.1821i	0.6633+1.4314i
15.9	3.2698-0.4796i	-0.3506-0.8648i	4.4266-0.7281i	3.1786-0.4617i	-0.4041-0.7396i	5.3558+0.0276i	1.2199+1.6569i
16.0	3.5521-0.6844i	-0.6494-0.8982i	4.6869-1.0640i	3.4623-0.6833i	-0.6995-0.7606i	6.0526-0.4954i	1.9636+1.5294i
16.1	3.8498-0.9102i	-0.9331-0.8419i	4.9646-1.3374i	3.7713-0.8826i	-0.9704-0.6813i	6.6327-1.0576i	2.6220+1.1245i
16.2	4.1861-1.1837i	-1.1975-0.6909i	5.3120-1.6158i	4.0971-1.1540i	-1.2189-0.5511i	7.1967-1.7599i	3.0211+0.5342i
16.3	4.5773-1.7056i	-1.4109-0.5582i	5.8904-2.3204i	4.5080-1.6569i	-1.4282-0.4136i	7.7406-2.8881i	2.9601-0.0166i
16.4	4.7706-2.4328i	-1.6498-0.2959i	6.1842-3.3754i	4.6975-2.3860i	-1.6576-0.1449i	8.0115-4.3863i	3.0553-0.5330i
16.5	4.8121-3.3120i	-1.9013+0.1222i	6.0717-4.7716i	4.7528-3.2798i	-1.8955+0.2789i	7.6948-6.3679i	3.0955-1.0410i
16.6	4.6203-4.2272i	-2.2165+0.6115i	5.3412-6.1140i	4.5722-4.2061i	-2.1758+0.7477i	6.7238-8.0023i	3.6070-1.3434i
16.7	4.3211-4.8303i	-2.0871+1.4686i	4.6120-6.5371i	4.2410-4.8091i	-2.0635+1.5772i	5.7519-8.8907i	3.7687-2.8488i
16.8	3.4838-6.0183i	-1.3076+1.9603i	3.3101-7.8623i	3.3639-5.9636i	-1.2926+2.0816i	3.5653-10.5794i	2.3137-4.0174i
16.9	2.2207-6.4851i	-0.5739+2.2329i	1.5008-8.0625i	2.1023-6.4072i	-0.5467+2.3494i	0.9908-10.7669i	0.9217-4.4565i
17.0	0.7948-6.4999i	0.0356+1.9573i	-0.3312-7.6212i	0.6934-6.4041i	0.0784+2.0980i	-1.5293-9.8489i	-0.2222-3.8538i
17.1	0.1240-5.8504i	0.2707+1.5997i	-0.9762-6.6210i	0.0260-5.7455i	0.3367+1.7156i	-2.4772-8.1125i	-0.4321-2.9709i
17.2	-0.4471-5.7833i	0.6735+1.6595i	-1.5948-6.0602i	-0.5170-5.6624i	0.7295+1.7709i	-2.9872-7.3493i	-1.1953-3.4939i
17.3	-1.0128-5.1205i	0.8389+1.0538i	-1.9037-5.0102i	-1.0662-5.0135i	0.8909+1.1655i	-3.4128-5.9846i	-1.7330-2.3036i
17.4	-1.2048-4.6742i	0.7067+0.7658i	-1.7136-4.4926i	-1.2605-4.5514i	0.7637+0.8854i	-3.2462-5.1262i	-1.5233-1.6998i
17.5	-1.2488-4.4331i	0.6241+0.7372i	-1.6038-4.3194i	-1.2933-4.3251i	0.6854+0.8483i	-3.0073-4.6511i	-1.2934-1.5554i
17.6	-1.5115-4.2794i	0.6950+0.6358i	-1.7945-4.1254i	-1.5485-4.1692i	0.7544+0.7505i	-2.9925-4.3735i	-1.3793-1.4496i
17.7	-1.7769-3.9246i	0.6489+0.4704i	-1.9230-3.7256i	-1.7979-3.8221i	0.7215+0.5751i	-3.0511-3.9269i	-1.4009-1.1547i
17.8	-2.0150-3.5949i	0.5752+0.3976i	-2.0089-3.4411i	-2.0260-3.4915i	0.6540+0.4892i	-3.1189-3.4932i	-1.3368-0.8983i
17.9	-2.1394-3.2388i	0.5500+0.3608i	-2.0575-3.1938i	-2.1457-3.1424i	0.6387+0.4494i	-3.1043-3.1301i	-1.2875-0.7533i
18.0	-2.2070-2.8948i	0.5169+0.3269i	-2.0934-2.9139i	-2.2033-2.8086i	0.6084+0.4097i	-3.0243-2.7593i	-1.1767-0.6117i
18.1	-2.2087-2.6006i	0.5176+0.2958i	-2.0966-2.6952i	-2.2044-2.5146i	0.6076+0.3619i	-2.9474-2.4893i	-1.1183-0.4951i
18.2	-2.1664-2.3520i	0.5024+0.2686i	-2.0517-2.5170i	-2.1636-2.2687i	0.5932+0.3320i	-2.8422-2.2579i	-1.0516-0.4131i

18.3	-2.1132-2.1437i	0.4988+0.2373i	-2.0014-2.3883i	-2.1120-2.0626i	0.5892+0.2963i	-2.7338-2.0777i	-0.9957-0.3413i
18.4	-2.0837-1.9378i	0.5050+0.2087i	-2.0224-2.2795i	-2.0754-1.8621i	0.5924+0.2544i	-2.6688-1.9181i	-0.9418-0.2722i
18.5	-2.0779-1.7816i	0.4937+0.1573i	-2.1397-2.2353i	-2.0666-1.7049i	0.5826+0.2004i	-2.7053-1.8294i	-0.8985-0.1955i
18.6	-2.1269-1.4582i	0.4547+0.1625i	-2.5378-1.8722i	-2.1087-1.3904i	0.5492+0.1880i	-2.9525-1.4226i	-0.7880-0.0972i
18.7	-1.8185-1.1905i	0.4904+0.1476i	-2.2073-1.2357i	-1.7994-1.1369i	0.5650+0.1643i	-2.4997-0.9018i	-0.6562-0.1328i
18.8	-1.6770-1.2044i	0.4963+0.1043i	-1.9173-1.2200i	-1.6592-1.1482i	0.5647+0.1230i	-2.2153-0.9318i	-0.6337-0.1590i
18.9	-1.5880-1.1461i	0.4930+0.0629i	-1.8019-1.1843i	-1.5703-1.0864i	0.5564+0.0804i	-2.0608-0.9141i	-0.6017-0.1564i
19.0	-1.5222-1.0942i	0.4888+0.0222i	-1.7408-1.1251i	-1.5103-1.0357i	0.5485+0.0418i	-1.9752-0.8768i	-0.5946-0.1635i
19.1	-1.4569-1.0438i	0.4711-0.0172i	-1.6915-1.0540i	-1.4441-0.9900i	0.5277-0.0004i	-1.8961-0.8387i	-0.5606-0.1549i
19.2	-1.4045-1.0028i	0.4453-0.0509i	-1.6342-0.9805i	-1.3900-0.9488i	0.5001-0.0372i	-1.8241-0.8012i	-0.5500-0.1650i
19.3	-1.3524-0.9783i	0.4247-0.0824i	-1.5768-0.9165i	-1.3349-0.9220i	0.4769-0.0677i	-1.7614-0.7647i	-0.5400-0.1682i
19.4	-1.3173-0.9515i	0.3956-0.1055i	-1.5290-0.8518i	-1.2995-0.8962i	0.4426-0.0909i	-1.7169-0.7265i	-0.5500-0.1790i
19.5	-1.2838-0.9065i	0.3593-0.1110i	-1.4551-0.7824i	-1.2636-0.8604i	0.4058-0.0962i	-1.6619-0.6795i	-0.5562-0.1829i
19.6	-1.2548-0.8716i	0.3313-0.1227i	-1.3930-0.7374i	-1.2298-0.8225i	0.3751-0.1084i	-1.6215-0.6506i	-0.5775-0.1617i
19.7	-1.2098-0.8260i	0.3056-0.1335i	-1.3398-0.7020i	-1.1876-0.7783i	0.3504-0.1180i	-1.6043-0.5975i	-0.5958-0.1170i
19.8	-1.1952-0.8020i	0.2820-0.1398i	-1.3216-0.6953i	-1.1693-0.7580i	0.3242-0.1246i	-1.5832-0.5433i	-0.5865-0.0619i
19.9	-1.1666-0.7658i	0.2532-0.1293i	-1.3116-0.6582i	-1.1408-0.7213i	0.2980-0.1147i	-1.5401-0.4782i	-0.5546-0.0214i
20.0	-1.1390-0.7284i	0.2414-0.1138i	-1.2946-0.5956i	-1.1131-0.6864i	0.2829-0.0989i	-1.4910-0.4113i	-0.5259-0.0081i
20.1	-1.1358-0.6893i	0.2263-0.1076i	-1.2816-0.5351i	-1.1096-0.6513i	0.2674-0.0932i	-1.4388-0.3521i	-0.4949+0.0081i
20.2	-1.1188-0.6568i	0.2280-0.1016i	-1.2577-0.4834i	-1.0914-0.6256i	0.2661-0.0889i	-1.3964-0.3247i	-0.4795+0.0050i
20.3	-1.0849-0.6117i	0.2338-0.0982i	-1.2208-0.4248i	-1.0574-0.5832i	0.2732-0.0870i	-1.3466-0.3051i	-0.4623-0.0144i
20.4	-1.0527-0.5958i	0.2435-0.0940i	-1.1757-0.3801i	-1.0289-0.5695i	0.2780-0.0813i	-1.3223-0.2728i	-0.4774-0.0052i
20.5	-1.0119-0.5774i	0.2454-0.0897i	-1.1277-0.3497i	-0.9885-0.5539i	0.2769-0.0773i	-1.2895-0.2399i	-0.4785+0.0097i
20.6	-0.9751-0.5535i	0.2557-0.0968i	-1.0839-0.3084i	-0.9571-0.5268i	0.2860-0.0852i	-1.2460-0.1997i	-0.4803+0.0217i
20.7	-0.9531-0.5175i	0.2650-0.1063i	-1.0569-0.2660i	-0.9373-0.4957i	0.2937-0.0967i	-1.2190-0.1479i	-0.4822+0.0443i
20.8	-0.9316-0.5037i	0.2783-0.1200i	-1.0214-0.2233i	-0.9154-0.4894i	0.3086-0.1105i	-1.1863-0.1135i	-0.4791+0.0415i
20.9	-0.9045-0.4999i	0.2873-0.1291i	-0.9843-0.2079i	-0.8849-0.4788i	0.3131-0.1150i	-1.1506-0.0861i	-0.4749+0.0729i
21.0	-0.8905-0.4740i	0.2855-0.1507i	-0.9656-0.1739i	-0.8764-0.4495i	0.3089-0.1407i	-1.1239-0.0410i	-0.4685+0.1061i
21.1	-0.8813-0.4633i	0.2947-0.1665i	-0.9438-0.1457i	-0.8646-0.4452i	0.3159-0.1540i	-1.0948-0.0090i	-0.4704+0.1185i
21.2	-0.8660-0.4587i	0.3039-0.2015i	-0.9083-0.1113i	-0.8518-0.4395i	0.3253-0.1845i	-1.0594+0.0263i	-0.4767+0.1398i
21.3	-0.8432-0.4196i	0.3132-0.2427i	-0.8715-0.0526i	-0.8298-0.3978i	0.3272-0.2199i	-1.0161+0.0911i	-0.4686+0.1734i
21.4	-0.8355-0.3962i	0.3104-0.2814i	-0.8345+0.0123i	-0.8242-0.3713i	0.3216-0.2575i	-0.9683+0.1498i	-0.4555+0.1931i
21.5	-0.8287-0.3996i	0.2988-0.3263i	-0.7668+0.0268i	-0.8203-0.3740i	0.3084-0.2985i	-0.8838+0.1856i	-0.4434+0.2395i
21.6	-0.7913-0.3859i	0.2678-0.3767i	-0.7039+0.0481i	-0.7808-0.3555i	0.2759-0.3419i	-0.8068+0.1965i	-0.4066+0.2636i
21.7	-0.7853-0.3641i	0.2170-0.4297i	-0.6427+0.0559i	-0.7723-0.3328i	0.2300-0.3935i	-0.7384+0.2061i	-0.3728+0.3205i
21.8	-0.7885-0.3587i	0.1309-0.4737i	-0.5968+0.0426i	-0.7756-0.3255i	0.1543-0.4326i	-0.6822+0.1948i	-0.3126+0.3606i
21.9	-0.7878-0.3586i	0.0543-0.5096i	-0.5627+0.0336i	-0.7736-0.3251i	0.0786-0.4587i	-0.6271+0.1869i	-0.2452+0.3873i
22.0	-0.7655-0.3420i	-0.0684-0.5146i	-0.5082+0.0247i	-0.7472-0.3061i	-0.0293-0.4608i	-0.5582+0.1757i	-0.1586+0.3938i
22.1	-0.7402-0.3225i	-0.1320-0.4538i	-0.4680+0.0206i	-0.7192-0.2956i	-0.0859-0.4088i	-0.5091+0.1474i	-0.1050+0.3362i
22.2	-0.7247-0.3147i	-0.1751-0.3873i	-0.4419-0.0079i	-0.7025-0.2910i	-0.1246-0.3468i	-0.4728+0.1095i	-0.0689+0.2898i
22.3	-0.7131-0.2731i	-0.2407-0.3019i	-0.4074+0.0268i	-0.6845-0.2460i	-0.1835-0.2713i	-0.4361+0.1153i	-0.0207+0.2182i
22.4	-0.7038-0.2531i	-0.2089-0.2187i	-0.4146+0.0322i	-0.6768-0.2330i	-0.1580-0.1948i	-0.4320+0.0863i	-0.0262+0.1393i
22.5	-0.6696-0.2403i	-0.1961-0.1908i	-0.3457+0.0277i	-0.6464-0.2258i	-0.1470-0.1700i	-0.3936+0.0701i	-0.0696+0.1146i
22.6	-0.6691-0.2435i	-0.1643-0.1495i	-0.3499-0.0212i	-0.6445-0.2199i	-0.1192-0.1336i	-0.3930+0.0336i	-0.0743+0.1148i
22.7	-0.6741-0.2380i	-0.1533-0.1162i	-0.3669-0.0351i	-0.6573-0.2173i	-0.1123-0.1011i	-0.4056+0.0182i	-0.0575+0.1033i
22.8	-0.6550-0.2155i	-0.1574-0.1016i	-0.3384-0.0410i	-0.6361-0.1995i	-0.1132-0.0898i	-0.3956+0.0093i	-0.0797+0.0947i
22.9	-0.6284-0.2101i	-0.1342-0.0751i	-0.3126-0.0545i	-0.6117-0.1896i	-0.0893-0.0638i	-0.3797-0.0035i	-0.1134+0.0909i
23.0	-0.6125-0.1973i	-0.1110-0.0671i	-0.3150-0.0533i	-0.5965-0.1772i	-0.0688-0.0506i	-0.3761-0.0073i	-0.1170+0.0922i
23.1	-0.5937-0.1912i	-0.0956-0.0740i	-0.2876-0.0477i	-0.5699-0.1663i	-0.0600-0.0605i	-0.3620-0.0061i	-0.1316+0.0978i
23.2	-0.5808-0.1947i	-0.0895-0.0799i	-0.2862-0.0629i	-0.5638-0.1736i	-0.0532-0.0673i	-0.3627-0.0159i	-0.1330+0.1051i
23.3	-0.5731-0.1806i	-0.0623-0.0648i	-0.2935-0.0657i	-0.5537-0.1545i	-0.0275-0.0472i	-0.3596-0.0114i	-0.1342+0.1153i
23.4	-0.5646-0.1725i	-0.0589-0.0489i	-0.2843-0.0720i	-0.5476-0.1507i	-0.0261-0.0419i	-0.3522-0.0173i	-0.1231+0.1204i
23.5	-0.5521-0.1539i	-0.0767-0.0601i	-0.2793-0.0605i	-0.5304-0.1344i	-0.0392-0.0537i	-0.3509-0.0111i	-0.1167+0.1172i
23.6	-0.5453-0.1586i	-0.0751-0.0740i	-0.2809-0.0613i	-0.5248-0.1419i	-0.0344-0.0606i	-0.3477-0.0217i	-0.0936+0.1067i
23.7	-0.5409-0.1480i	-0.0840-0.0814i	-0.2770-0.0497i	-0.5112-0.1343i	-0.0405-0.0670i	-0.3441-0.0179i	-0.0660+0.0966i
23.8	-0.5258-0.1445i	-0.0937-0.0624i	-0.2625-0.0496i	-0.4996-0.1302i	-0.0515-0.0474i	-0.3347-0.0162i	-0.0678+0.0789i
23.9	-0.5237-0.1381i	-0.0776-0.0364i	-0.2665-0.0542i	-0.5064-0.1280i	-0.0366-0.0314i	-0.3406-0.0151i	-0.0738+0.0653i
24.0	-0.5083-0.1249i	-0.0719-0.0338i	-0.2568-0.0431i	-0.4903-0.1144i	-0.0320-0.0234i	-0.3377-0.0110i	-0.0799+0.0593i
24.1	-0.5080-0.1141i	-0.0725-0.0443i	-0.2552-0.0335i	-0.4853-0.1123i	-0.0336-0.0367i	-0.3339-0.0116i	-0.0805+0.0578i
24.2	-0.5044-0.0994i	-0.0775-0.0308i	-0.2526-0.0302i	-0.4820-0.0956i	-0.0413-0.0262i	-0.3342-0.0037i	-0.0771+0.0641i
24.3	-0.4750-0.0959i	-0.0628-0.0300i	-0.2328-0.0139i	-0.4546-0.0846i	-0.0294-0.0228i	-0.3216+0.0097i	-0.0922+0.0444i
24.4	-0.4737-0.0838i	-0.0591-0.0274i	-0.2217-0.0087i	-0.4511-0.0759i	-0.0271-0.0210i	-0.3167+0.0092i	-0.0899+0.0442i
24.5	-0.4603-0.0818i	-0.0628-0.0145i	-0.2094-0.0092i	-0.4484-0.0763i	-0.0240-0.0097i	-0.3114+0.0195i	-0.1054+0.0369i

24.6	-0.4585-0.0804i	-0.0616-0.0113i	-0.2015-0.0036i	-0.4380-0.0762i	-0.0278-0.0095i	-0.3136+0.0186i	-0.1233+0.0344i
24.7	-0.4414-0.0549i	-0.0577-0.0058i	-0.1965+0.0115i	-0.4286-0.0531i	-0.0179-0.0082i	-0.2982+0.0377i	-0.1139+0.0319i
24.8	-0.4174-0.0428i	-0.0488-0.0067i	-0.1702+0.0145i	-0.4014-0.0499i	-0.0104-0.0123i	-0.2798+0.0388i	-0.1192+0.0347i
24.9	-0.4051-0.0391i	-0.0458-0.0161i	-0.1517+0.0231i	-0.3944-0.0363i	-0.0112-0.0160i	-0.2736+0.0400i	-0.1313+0.0272i
25.0	-0.3958-0.0361i	-0.0415-0.0111i	-0.1479+0.0248i	-0.3932-0.0373i	-0.0089-0.0137i	-0.2692+0.0437i	-0.1296+0.0313i
25.1	-0.3845-0.0349i	-0.0408-0.0006i	-0.1343+0.0284i	-0.3785-0.0326i	-0.0101-0.0082i	-0.2614+0.0513i	-0.1266+0.0306i
25.2	-0.3635-0.0262i	-0.0335-0.0017i	-0.1197+0.0332i	-0.3571-0.0309i	-0.0012-0.0132i	-0.2431+0.0559i	-0.1230+0.0264i
25.3	-0.3519-0.0314i	-0.0361-0.0059i	-0.1059+0.0257i	-0.3436-0.0300i	-0.0066-0.0128i	-0.2398+0.0575i	-0.1318+0.0469i
25.4	-0.3378-0.0128i	-0.0311-0.0080i	-0.0872+0.0339i	-0.3294-0.0099i	0.0046-0.0162i	-0.2282+0.0660i	-0.1304+0.0501i
25.5	-0.3281-0.0070i	-0.0162-0.0168i	-0.0811+0.0371i	-0.3237+0.0053i	0.0085-0.0202i	-0.2078+0.0667i	-0.1229+0.0371i
25.6	-0.3105+0.0015i	-0.0191-0.0086i	-0.0644+0.0310i	-0.3134+0.0019i	0.0104-0.0164i	-0.1847+0.0663i	-0.1198+0.0362i
25.7	-0.2750+0.0052i	-0.0133-0.0038i	-0.0353+0.0365i	-0.2768+0.0075i	0.0052-0.0128i	-0.1673+0.0647i	-0.1383+0.0320i
25.8	-0.2705-0.0124i	-0.0093-0.0105i	-0.0272+0.0174i	-0.2621-0.0050i	0.0105-0.0105i	-0.1523+0.0511i	-0.1324+0.0356i
25.9	-0.2577-0.0186i	-0.0104-0.0132i	-0.0041+0.0141i	-0.2517-0.0116i	0.0046-0.0126i	-0.1432+0.0453i	-0.1474+0.0306i
26.0	-0.2432-0.0182i	-0.0161-0.0064i	0.0054+0.0013i	-0.2466-0.0166i	0.0053-0.0124i	-0.1410+0.0356i	-0.1471+0.0338i
26.1	-0.2356-0.0202i	-0.0039-0.0070i	0.0237-0.0107i	-0.2305-0.0167i	0.0120-0.0129i	-0.1436+0.0248i	-0.1661+0.0387i
26.2	-0.2310-0.0272i	0.0002-0.0094i	0.0379-0.0183i	-0.2375-0.0220i	0.0166-0.0206i	-0.1450+0.0174i	-0.1851+0.0374i
26.3	-0.2186-0.0286i	0.0079-0.0134i	0.0562-0.0310i	-0.2181-0.0218i	0.0153-0.0161i	-0.1466+0.0169i	-0.2000+0.0563i
26.4	-0.2072-0.0352i	0.0095-0.0254i	0.0726-0.0533i	-0.2049-0.0330i	0.0197-0.0291i	-0.1395+0.0199i	-0.2046+0.0672i
26.5	-0.2003-0.0448i	0.0044-0.0104i	0.0885-0.0799i	-0.1989-0.0353i	0.0181-0.0159i	-0.1283+0.0259i	-0.2066+0.0938i
26.6	-0.1964-0.0388i	0.0162-0.0256i	0.0936-0.1072i	-0.1934-0.0292i	0.0283-0.0272i	-0.1299+0.0166i	-0.2212+0.1087i
26.7	-0.1870-0.0415i	0.0086-0.0390i	0.0896-0.1467i	-0.1813-0.0256i	0.0223-0.0452i	-0.1216+0.0136i	-0.2087+0.1322i
26.8	-0.1802-0.0484i	0.0060-0.0498i	0.0639-0.1941i	-0.1865-0.0370i	0.0148-0.0545i	-0.1108+0.0045i	-0.1859+0.1464i
26.9	-0.1741-0.0613i	-0.0147-0.0609i	0.0219-0.2114i	-0.1697-0.0530i	0.0012-0.0627i	-0.1163-0.0110i	-0.1627+0.1640i
27.0	-0.1712-0.0643i	-0.0397-0.0625i	-0.0255-0.2062i	-0.1591-0.0534i	-0.0272-0.0569i	-0.1271-0.0099i	-0.1504+0.1694i
27.1	-0.1702-0.0616i	-0.0425-0.0376i	-0.0422-0.1761i	-0.1559-0.0511i	-0.0306-0.0363i	-0.1369+0.0059i	-0.1597+0.1677i
27.2	-0.1704-0.0620i	-0.0406-0.0245i	-0.0409-0.1563i	-0.1598-0.0591i	-0.0272-0.0206i	-0.1394+0.0084i	-0.1569+0.1628i
27.3	-0.1655-0.0784i	-0.0403-0.0140i	-0.0433-0.1626i	-0.1520-0.0654i	-0.0232-0.0130i	-0.1271+0.0125i	-0.1479+0.1822i
27.4	-0.1635-0.0742i	-0.0279-0.0010i	-0.0394-0.1610i	-0.1523-0.0648i	-0.0217-0.0023i	-0.1267+0.0241i	-0.1387+0.1989i
27.5	-0.1661-0.0687i	-0.0330+0.0020i	-0.0483-0.1472i	-0.1558-0.0645i	-0.0186+0.0028i	-0.1317+0.0281i	-0.1319+0.2029i
27.6	-0.1679-0.0682i	-0.0272-0.0014i	-0.0606-0.1475i	-0.1565-0.0592i	-0.0184-0.0007i	-0.1179+0.0238i	-0.0985+0.1870i
27.7	-0.1539-0.0645i	-0.0229-0.0036i	-0.0474-0.1394i	-0.1440-0.0519i	-0.0117-0.0009i	-0.1199+0.0299i	-0.1241+0.2099i
27.8	-0.1496-0.0567i	-0.0147-0.0026i	-0.0491-0.1441i	-0.1380-0.0511i	-0.0032-0.0001i	-0.1088+0.0407i	-0.1018+0.2291i
27.9	-0.1478-0.0590i	-0.0040-0.0055i	-0.0480-0.1531i	-0.1328-0.0533i	0.0059-0.0053i	-0.1024+0.0525i	-0.0866+0.2547i
28.0	-0.1378-0.0566i	-0.0049-0.0089i	-0.0543-0.1479i	-0.1264-0.0498i	0.0066-0.0067i	-0.0905+0.0461i	-0.0701+0.2453i
28.1	-0.1405-0.0591i	-0.0216-0.0143i	-0.0767-0.1434i	-0.1277-0.0546i	-0.0078-0.0114i	-0.0792+0.0429i	-0.0180+0.2437i
28.2	-0.1481-0.0532i	-0.0152-0.0164i	-0.0827-0.1476i	-0.1392-0.0481i	-0.0039-0.0081i	-0.0811+0.0446i	-0.0138+0.2415i
28.3	-0.1505-0.0494i	-0.0120-0.0123i	-0.0903-0.1302i	-0.1369-0.0503i	-0.0043-0.0090i	-0.0685+0.0406i	0.0169+0.2272i
28.4	-0.1408-0.0356i	-0.0134-0.0159i	-0.0988-0.1230i	-0.1185-0.0295i	-0.0098-0.0109i	-0.0562+0.0441i	0.0469+0.2344i
28.5	-0.1291-0.0309i	-0.0065-0.0036i	-0.1000-0.1122i	-0.1175-0.0209i	0.0067-0.0033i	-0.0462+0.0408i	0.0558+0.2134i
28.6	-0.1330-0.0253i	-0.0105-0.0080i	-0.1020-0.0986i	-0.1207-0.0264i	0.0024-0.0062i	-0.0430+0.0250i	0.0677+0.1694i
28.7	-0.1217-0.0076i	-0.0097-0.0083i	-0.0996-0.0856i	-0.1096-0.0169i	0.0054-0.0104i	-0.0345+0.0246i	0.0932+0.1362i
28.8	-0.0916-0.0089i	-0.0055-0.0072i	-0.0816-0.0636i	-0.0834-0.0113i	0.0090-0.0042i	-0.0376+0.0151i	0.0656+0.1148i
28.9	-0.0947-0.0054i	0.0016-0.0033i	-0.0830-0.0525i	-0.0815-0.0052i	0.0127-0.0023i	-0.0354+0.0075i	0.0643+0.0868i
29.0	-0.0895-0.0054i	-0.0092-0.0044i	-0.0835-0.0472i	-0.0817-0.0120i	0.0025-0.0045i	-0.0308+0.0028i	0.0765+0.0778i
29.1	-0.0783+0.0063i	-0.0100-0.0078i	-0.0782-0.0493i	-0.0645-0.0005i	0.0015-0.0071i	-0.0261+0.0132i	0.0676+0.0743i
29.2	-0.0577+0.0100i	-0.0049-0.0005i	-0.0707-0.0413i	-0.0456+0.0099i	0.0037-0.0064i	-0.0276+0.0073i	0.0584+0.0639i
29.3	-0.0472+0.0059i	-0.0085-0.0072i	-0.0635-0.0416i	-0.0402+0.0003i	0.0010-0.0109i	-0.0311-0.0024i	0.0531+0.0654i
29.4	-0.0415-0.0002i	-0.0047-0.0087i	-0.0510-0.0376i	-0.0346-0.0030i	0.0031-0.0094i	-0.0359+0.0006i	0.0392+0.0435i
29.5	-0.0360-0.0010i	-0.0003-0.0067i	-0.0498-0.0309i	-0.0230-0.0066i	0.0091-0.0026i	-0.0363-0.0034i	0.0339+0.0328i
29.6	-0.0283+0.0033i	-0.0028-0.0027i	-0.0475-0.0244i	-0.0298+0.0046i	0.0021-0.0079i	-0.0336-0.0084i	0.0286+0.0251i
29.7	-0.0156+0.0050i	-0.0015-0.0030i	-0.0377-0.0262i	-0.0162-0.0035i	-0.0007-0.0026i	-0.0316-0.0085i	0.0154+0.0186i
29.8	-0.0060-0.0000i	0.0005+0.0021i	-0.0369-0.0250i	-0.0047-0.0133i	0.0066+0.0014i	-0.0365-0.0087i	0.0127+0.0056i
29.9	0.0225-0.0146i	-0.0038+0.0049i	-0.0233-0.0460i	0.0304-0.0182i	-0.0019+0.0095i	-0.0103+0.0019i	0.0507+0.0531i
30.0	0.0247-0.0004i	0.0048+0.0084i	-0.0308-0.0239i	0.0284-0.0094i	0.0069+0.0081i	-0.0302-0.0091i	0.0140+0.0015i
30.1	0.0429+0.0110i	-0.0012-0.0083i	-0.0121-0.0219i	0.0346+0.0046i	-0.0041-0.0030i	-0.0351+0.0007i	-0.0150+0.0257i
30.2	0.0467+0.0010i	-0.0004-0.0049i	-0.0109-0.0231i	0.0446-0.0071i	-0.0057-0.0063i	-0.0349-0.0047i	0.0008+0.0175i
30.3	0.0525+0.0060i	-0.0060-0.0059i	-0.0147-0.0122i	0.0538-0.0066i	0.0001-0.0102i	-0.0288-0.0183i	0.0046+0.0198i
30.4	0.0682+0.0143i	-0.0020+0.0007i	-0.0141-0.0064i	0.0661+0.0061i	0.0022-0.0012i	-0.0333-0.0090i	-0.0093+0.0031i
30.5	0.0766+0.0098i	0.0019-0.0037i	-0.0091-0.0146i	0.0733-0.0015i	-0.0048-0.0012i	-0.0432-0.0062i	-0.0245+0.0129i
30.6	0.0863-0.0008i	0.0039-0.0000i	-0.0086-0.0128i	0.0864+0.0005i	0.0032-0.0046i	-0.0443-0.0056i	-0.0327+0.0085i
30.7	0.1041-0.0109i	0.0052-0.0001i	-0.0033-0.0109i	0.0879-0.0082i	0.0044+0.0009i	-0.0370-0.0141i	-0.0306+0.0094i
30.8	0.1037-0.0088i	0.0114-0.0040i	0.0022-0.0138i	0.1072-0.0161i	0.0084-0.0030i	-0.0391-0.0070i	-0.0290+0.0080i

30.9	0.1145+0.0056i	0.0084-0.0066i	0.0010-0.0166i	0.1169+0.0057i	0.0035-0.0022i	-0.0397+0.0031i	-0.0200+0.0101i
31.0	0.1267-0.0105i	0.0032-0.0036i	0.0015-0.0098i	0.1132-0.0117i	-0.0034+0.0023i	-0.0403-0.0007i	-0.0220+0.0039i
31.1	0.1379-0.0100i	0.0137+0.0015i	0.0033-0.0039i	0.1305-0.0129i	-0.0023+0.0029i	-0.0379-0.0048i	-0.0262-0.0009i
31.2	0.1504-0.0278i	0.0141-0.0092i	0.0215-0.0067i	0.1444-0.0326i	0.0081+0.0007i	-0.0414+0.0065i	-0.0331-0.0001i
31.3	0.1485-0.0176i	0.0209-0.0099i	0.0171-0.0063i	0.1523-0.0287i	0.0007-0.0064i	-0.0371+0.0018i	-0.0380-0.0012i
31.4	0.1657-0.0194i	0.0116+0.0017i	0.0211-0.0039i	0.1664-0.0318i	0.0080-0.0015i	-0.0514+0.0049i	-0.0484-0.0038i
31.5	0.1832-0.0229i	0.0080-0.0205i	0.0235-0.0032i	0.1731-0.0364i	0.0035-0.0112i	-0.0437+0.0014i	-0.0430-0.0100i
31.6	0.1800-0.0097i	0.0077-0.0153i	0.0187-0.0032i	0.1670-0.0228i	-0.0018-0.0025i	-0.0449-0.0045i	-0.0499-0.0347i
31.7	0.2010-0.0249i	0.0176-0.0129i	0.0327+0.0066i	0.1946-0.0359i	0.0017-0.0010i	-0.0388-0.0046i	-0.0556-0.0525i
31.8	0.2246-0.0270i	0.0044-0.0190i	0.0276+0.0143i	0.1988-0.0469i	-0.0104-0.0090i	-0.0346-0.0083i	-0.0514-0.0580i
31.9	0.2352-0.0315i	-0.0019-0.0113i	0.0350+0.0103i	0.2068-0.0380i	-0.0164-0.0018i	-0.0472+0.0066i	-0.0657-0.0445i
32.0	0.2583-0.0486i	0.0093-0.0154i	0.0382+0.0051i	0.2268-0.0559i	-0.0080-0.0065i	-0.0399+0.0109i	-0.0723-0.0262i
32.1	0.2601-0.0531i	0.0060-0.0037i	0.0374+0.0046i	0.2375-0.0543i	-0.0074+0.0095i	-0.0274+0.0115i	-0.0693-0.0155i
32.2	0.2679-0.0703i	0.0168-0.0061i	0.0521-0.0022i	0.2397-0.0707i	-0.0045+0.0104i	-0.0379+0.0181i	-0.0770-0.0313i
32.3	0.2779-0.0590i	0.0153-0.0177i	0.0678-0.0019i	0.2549-0.0644i	0.0011-0.0034i	-0.0569+0.0095i	-0.0988-0.0295i
32.4	0.2819-0.0631i	0.0092-0.0067i	0.0743-0.0159i	0.2428-0.0584i	-0.0148+0.0012i	-0.0588+0.0234i	-0.1251-0.0121i
32.5	0.2844-0.0782i	0.0150+0.0085i	0.0715-0.0136i	0.2605-0.0600i	-0.0020+0.0193i	-0.0566+0.0244i	-0.1217-0.0090i
32.6	0.2912-0.0849i	0.0355+0.0183i	0.0811-0.0204i	0.2858-0.0721i	0.0224+0.0228i	-0.0531+0.0295i	-0.1313-0.0070i
32.7	0.3012-0.0984i	0.0315+0.0101i	0.0652-0.0313i	0.2948-0.0665i	0.0170+0.0187i	-0.0455+0.0327i	-0.1192+0.0049i
32.8	0.3291-0.0776i	0.0152-0.0039i	0.0828-0.0324i	0.3122-0.0676i	-0.0006+0.0091i	-0.0553+0.0424i	-0.1385+0.0010i
32.9	0.3407-0.0962i	0.0295-0.0048i	0.0935-0.0446i	0.3338-0.0857i	0.0166+0.0076i	-0.0562+0.0444i	-0.1583+0.0007i
33.0	0.3571-0.1077i	0.0373+0.0182i	0.0772-0.0461i	0.3462-0.0725i	0.0164+0.0325i	-0.0522+0.0557i	-0.1571+0.0339i
33.1	0.3763-0.1109i	0.0073+0.0143i	0.0701-0.0459i	0.3406-0.0718i	-0.0106+0.0296i	-0.0526+0.0507i	-0.1671+0.0235i
33.2	0.3702-0.1315i	0.0325+0.0029i	0.0615-0.0491i	0.3544-0.1059i	0.0112+0.0201i	-0.0381+0.0440i	-0.1418+0.0179i
33.3	0.3765-0.1413i	0.0476+0.0068i	0.0676-0.0506i	0.3645-0.1185i	0.0237+0.0188i	-0.0384+0.0400i	-0.1617+0.0233i
33.4	0.3815-0.1550i	0.0521-0.0150i	0.0529-0.0523i	0.3785-0.1230i	0.0310-0.0032i	-0.0324+0.0319i	-0.1445+0.0163i
33.5	0.3795-0.1605i	0.0395-0.0162i	0.0358-0.0462i	0.3735-0.1494i	0.0190-0.0002i	-0.0290+0.0276i	-0.1430+0.0136i
33.6	0.3666-0.1616i	0.0385+0.0005i	0.0378-0.0443i	0.3717-0.1334i	0.0218+0.0131i	-0.0436+0.0258i	-0.1377+0.0281i
33.7	0.3608-0.1329i	0.0493-0.0318i	0.0489-0.0283i	0.3690-0.1260i	0.0395-0.0137i	-0.0523+0.0242i	-0.1434+0.0246i
33.8	0.3739-0.1383i	0.0353-0.0216i	0.0386-0.0307i	0.3623-0.1057i	0.0148-0.0075i	-0.0561+0.0323i	-0.1590+0.0255i
33.9	0.3688-0.1264i	0.0470-0.0279i	0.0346-0.0225i	0.3556-0.0895i	0.0232-0.0120i	-0.0555+0.0272i	-0.1474+0.0314i
34.0	0.4281-0.0639i	0.0187-0.0248i	0.0575-0.0274i	0.3879-0.0343i	-0.0018-0.0052i	-0.0637+0.0433i	-0.1539+0.0338i
34.1	0.4799-0.0413i	0.0140-0.0172i	0.0527-0.0254i	0.4617+0.0087i	-0.0059-0.0059i	-0.0585+0.0522i	-0.1172+0.0082i
34.2	0.5258-0.0284i	0.0204-0.0224i	0.0384-0.0277i	0.4969+0.0093i	-0.0052-0.0112i	-0.0419+0.0507i	-0.1267-0.0377i
34.3	0.6011-0.0636i	0.0440-0.0132i	0.0458-0.0365i	0.5776-0.0326i	0.0120+0.0053i	-0.0591+0.0696i	-0.1767-0.0343i
34.4	0.6535-0.0868i	0.0378-0.0112i	0.0747-0.0395i	0.6394-0.0333i	0.0069+0.0018i	-0.0783+0.0672i	-0.2356-0.0483i
34.5	0.7000-0.1159i	0.0304-0.0316i	0.0570-0.0330i	0.6987-0.0653i	0.0030-0.0078i	-0.0797+0.0595i	-0.2510-0.0476i
34.6	0.7733-0.1335i	0.0307-0.0143i	0.0677-0.0430i	0.7660-0.0762i	-0.0049+0.0070i	-0.0924+0.0751i	-0.3119-0.0410i
34.7	0.8264-0.1856i	0.0340-0.0061i	0.0688-0.0597i	0.8251-0.1110i	-0.0057+0.0202i	-0.0903+0.0959i	-0.3395-0.0043i
34.8	0.8532-0.2589i	0.0369-0.0255i	0.0434-0.0667i	0.8569-0.1781i	-0.0042+0.0084i	-0.0905+0.1114i	-0.3486+0.0454i
34.9	0.8613-0.2877i	0.0330-0.0160i	0.0265-0.0644i	0.8538-0.2247i	-0.0044+0.0127i	-0.0768+0.1128i	-0.3439+0.0741i
35.0	0.8905-0.3387i	0.0580-0.0019i	0.0010-0.0762i	0.9111-0.2650i	0.0128+0.0280i	-0.0630+0.1347i	-0.3340+0.1088i
35.1	0.9352-0.3972i	0.0647-0.0020i	-0.0146-0.0780i	0.9622-0.3191i	0.0241+0.0342i	-0.0601+0.1330i	-0.3458+0.1388i
35.2	0.9461-0.4513i	0.0442+0.0019i	-0.0229-0.0339i	0.9880-0.3909i	0.0029+0.0426i	-0.0500+0.1168i	-0.3125+0.1402i
35.3	0.9633-0.4924i	0.0462-0.0031i	-0.0320-0.0142i	0.9845-0.4327i	-0.0002+0.0380i	-0.0576+0.1009i	-0.3205+0.1429i
35.4	1.0257-0.5802i	0.0857-0.0134i	-0.0697-0.0242i	1.0637-0.5137i	0.0348+0.0319i	-0.0397+0.1199i	-0.3344+0.1863i
35.5	1.0137-0.6306i	0.0849+0.0098i	-0.0753-0.0225i	1.0655-0.5610i	0.0421+0.0620i	-0.0488+0.1520i	-0.3171+0.2151i
35.6	1.0001-0.7049i	0.0886-0.0021i	-0.0691+0.0266i	1.0702-0.6535i	0.0504+0.0589i	-0.0612+0.1184i	-0.3078+0.1851i
35.7	0.9704-0.7381i	0.0753-0.0238i	-0.0311+0.0846i	1.0149-0.6972i	0.0320+0.0310i	-0.0866+0.0893i	-0.3138+0.1618i
35.8	0.9767-0.8121i	0.0829-0.0058i	-0.0488+0.0686i	1.0446-0.7663i	0.0387+0.0546i	-0.0905+0.1188i	-0.3079+0.1960i
35.9	0.9753-0.9278i	0.1078-0.0273i	-0.0724+0.1157i	1.0642-0.8733i	0.0657+0.0389i	-0.0713+0.1177i	-0.2824+0.2404i
36.0	0.8990-0.9506i	0.0973-0.0465i	-0.0202+0.1450i	0.9712-0.9199i	0.0672+0.0232i	-0.0914+0.1130i	-0.2897+0.2141i
36.1	0.9321-1.0055i	0.1182-0.0504i	-0.0162+0.1425i	1.0108-0.9588i	0.0788+0.0286i	-0.1046+0.1413i	-0.3150+0.2599i
36.2	0.9080-1.0887i	0.1238-0.0497i	-0.0004+0.1627i	0.9857-1.0546i	0.0872+0.0268i	-0.1114+0.1634i	-0.3228+0.2875i
36.3	0.9124-1.1075i	0.1207-0.0369i	0.0221+0.1338i	0.9828-1.0677i	0.0803+0.0326i	-0.1390+0.1914i	-0.3516+0.3228i
36.4	0.8836-1.0920i	0.1081-0.0419i	0.0389+0.1393i	0.9540-1.0513i	0.0799+0.0350i	-0.1458+0.1952i	-0.3465+0.2989i
36.5	0.8363-1.1952i	0.1201-0.0582i	0.0660+0.1545i	0.9190-1.1760i	0.0861+0.0208i	-0.1350+0.2212i	-0.3111+0.3460i
36.6	0.8422-1.2623i	0.1396-0.0693i	0.0727+0.1525i	0.9299-1.2389i	0.1019+0.0160i	-0.1322+0.2622i	-0.3180+0.4091i
36.7	0.8180-1.3128i	0.1372-0.0684i	0.0612+0.1545i	0.9152-1.2834i	0.1162+0.0168i	-0.1209+0.2865i	-0.3013+0.4618i
36.8	0.8015-1.3533i	0.1621-0.0844i	0.0620+0.1514i	0.9017-1.3282i	0.1281+0.0041i	-0.0948+0.3060i	-0.2522+0.4882i
36.9	0.7860-1.3362i	0.1364-0.0993i	0.0947+0.1498i	0.8676-1.3355i	0.1060-0.0049i	-0.1238+0.3135i	-0.2571+0.4494i
37.0	0.7205-1.4333i	0.1468-0.1195i	0.0955+0.1795i	0.8263-1.4460i	0.1171-0.0238i	-0.0843+0.3114i	-0.1821+0.5098i
37.1	0.6924-1.5181i	0.1726-0.1494i	0.1318+0.1909i	0.8125-1.5498i	0.1476-0.0525i	-0.1009+0.3285i	-0.1659+0.5169i

37.2	0.6751-1.5857i	0.1605-0.1565i	0.1584+0.1558i	0.7905-1.6077i	0.1386-0.0407i	-0.1217+0.3959i	-0.1604+0.5817i
37.3	0.6089-1.6341i	0.1655-0.1786i	0.1675+0.1645i	0.7155-1.6530i	0.1474-0.0690i	-0.0803+0.4031i	-0.1138+0.5845i
37.4	0.6007-1.6476i	0.1649-0.2019i	0.1594+0.1675i	0.7075-1.7065i	0.1530-0.0769i	-0.0703+0.4069i	-0.0298+0.5365i
37.5	0.5346-1.7184i	0.1480-0.2278i	0.1756+0.1375i	0.6571-1.7853i	0.1395-0.1078i	-0.0530+0.4605i	0.0054+0.6018i
37.6	0.4832-1.7586i	0.1398-0.2425i	0.1958+0.1044i	0.6114-1.8225i	0.1436-0.1143i	-0.0345+0.4980i	0.0440+0.6006i
37.7	0.4715-1.8057i	0.1359-0.2336i	0.1928+0.0829i	0.5916-1.8670i	0.1410-0.1116i	-0.0245+0.5454i	0.0756+0.5856i
37.8	0.4350-1.8990i	0.1283-0.2475i	0.1891+0.0714i	0.5542-1.9643i	0.1446-0.1156i	0.0041+0.6045i	0.1197+0.6069i
37.9	0.3574-1.9188i	0.1035-0.2671i	0.1862+0.0541i	0.4644-1.9958i	0.1185-0.1344i	0.0543+0.6257i	0.1685+0.5603i
38.0	0.2184-1.9806i	0.0519-0.2965i	0.1791+0.0578i	0.3138-2.0795i	0.0827-0.1670i	0.1371+0.6211i	0.2389+0.4770i
38.1	0.1316-1.9938i	0.0304-0.3086i	0.1817+0.0548i	0.2045-2.1118i	0.0705-0.1804i	0.2015+0.6242i	0.2246+0.4170i
38.2	0.0540-1.9865i	-0.0066-0.3114i	0.1891+0.0306i	0.0990-2.1046i	0.0445-0.1821i	0.2255+0.6264i	0.1889+0.4118i
38.3	-0.0596-1.9784i	-0.0470-0.3007i	0.1763+0.0138i	-0.0301-2.0812i	0.0086-0.1848i	0.2880+0.6221i	0.2247+0.4129i
38.4	-0.1425-1.9952i	-0.0824-0.3096i	0.1370-0.0348i	-0.1359-2.1048i	-0.0133-0.1958i	0.3682+0.6256i	0.2739+0.4504i
38.5	-0.1396-2.0275i	-0.0871-0.2674i	0.1237-0.0400i	-0.1168-2.1114i	-0.0191-0.1551i	0.3837+0.6527i	0.2761+0.4421i
38.6	-0.1895-2.0518i	-0.1078-0.2335i	0.0860-0.0276i	-0.1782-2.1054i	-0.0280-0.1289i	0.4395+0.6339i	0.3281+0.4091i
38.7	-0.2322-2.0739i	-0.1150-0.2177i	0.0524-0.0323i	-0.2200-2.1293i	-0.0401-0.1156i	0.4880+0.6288i	0.3548+0.3955i
38.8	-0.3257-2.1293i	-0.1017-0.2002i	0.0241-0.0280i	-0.3038-2.1855i	-0.0307-0.1070i	0.5567+0.6161i	0.3721+0.3545i
38.9	-0.3532-2.0762i	-0.1050-0.1628i	-0.0096-0.0205i	-0.3114-2.1244i	-0.0382-0.0787i	0.5987+0.5978i	0.3636+0.3008i
39.0	-0.4102-2.0933i	-0.1109-0.1470i	-0.0275-0.0098i	-0.3680-2.1223i	-0.0401-0.0689i	0.6400+0.5658i	0.3648+0.2705i
39.1	-0.5607-2.1113i	-0.0944-0.1616i	-0.0434+0.0158i	-0.4968-2.1470i	-0.0243-0.0777i	0.7198+0.4983i	0.3763+0.2128i
39.2	-0.6840-2.1165i	-0.0916-0.1558i	-0.0630+0.0725i	-0.6129-2.1382i	-0.0187-0.0808i	0.7732+0.4150i	0.3950+0.1688i
39.3	-0.8126-2.0664i	-0.0933-0.1434i	-0.0706+0.1085i	-0.7169-2.1053i	-0.0077-0.0700i	0.8109+0.3309i	0.3911+0.1150i
39.4	-0.8705-2.0321i	-0.0770-0.1481i	-0.1094+0.1175i	-0.7577-2.0890i	0.0009-0.0859i	0.8326+0.2810i	0.3654+0.1020i
39.5	-0.8982-2.0145i	-0.0623-0.1314i	-0.1382+0.2020i	-0.7911-2.0838i	0.0130-0.0720i	0.8495+0.2132i	0.3534+0.0743i
39.6	-1.0519-2.0191i	-0.0428-0.1437i	-0.1116+0.2713i	-0.9177-2.1112i	0.0291-0.0775i	0.8753+0.1347i	0.3479+0.0412i
39.7	-1.1390-1.9328i	-0.0475-0.1574i	-0.0985+0.3197i	-1.0026-2.0645i	0.0323-0.0926i	0.8683+0.0522i	0.3263+0.0257i
39.8	-1.1833-1.8226i	-0.0450-0.1736i	-0.0509+0.3813i	-1.0431-1.9734i	0.0199-0.1124i	0.8235-0.0469i	0.3130+0.0063i
39.9	-1.2549-1.7776i	-0.0816-0.1690i	0.0053+0.3579i	-1.1526-1.9491i	0.0011-0.1203i	0.8087-0.0638i	0.3588-0.0089i
40.0	-1.3282-1.7190i	-0.0483-0.1520i	-0.0326+0.4169i	-1.2096-1.8936i	0.0205-0.1010i	0.8211-0.1624i	0.3248-0.1067i
40.1	-1.3696-1.6220i	-0.0541-0.1743i	0.0099+0.4885i	-1.2526-1.8060i	0.0109-0.1157i	0.7640-0.2505i	0.2748-0.1332i
40.2	-1.3982-1.4872i	-0.0722-0.1777i	0.1135+0.5065i	-1.3277-1.6935i	0.0070-0.1259i	0.6616-0.3102i	0.2105-0.1315i
40.3	-1.4359-1.4414i	-0.0839-0.2072i	0.1916+0.5581i	-1.3852-1.6763i	-0.0113-0.1552i	0.5847-0.3764i	0.1785-0.1522i
40.4	-1.4235-1.4134i	-0.1011-0.2019i	0.2587+0.5722i	-1.3846-1.6393i	-0.0305-0.1554i	0.5105-0.3828i	0.1468-0.1545i
40.5	-1.4191-1.3157i	-0.1110-0.1935i	0.3290+0.5445i	-1.4121-1.5475i	-0.0382-0.1488i	0.4338-0.3615i	0.1087-0.1435i
40.6	-1.4642-1.2619i	-0.1305-0.1830i	0.4143+0.5370i	-1.4854-1.4981i	-0.0591-0.1421i	0.3427-0.3815i	0.0662-0.1478i
40.7	-1.4719-1.2369i	-0.1194-0.1850i	0.4744+0.5137i	-1.5066-1.4637i	-0.0625-0.1442i	0.2867-0.3735i	0.0296-0.1557i
40.8	-1.4608-1.1999i	-0.1208-0.1803i	0.5224+0.4371i	-1.5080-1.4347i	-0.0478-0.1398i	0.2553-0.2961i	0.0135-0.1384i
40.9	-1.4612-1.1288i	-0.1333-0.1623i	0.5269+0.3918i	-1.5191-1.3486i	-0.0664-0.1262i	0.2331-0.2694i	-0.0023-0.1013i
41.0	-1.4943-1.0256i	-0.1397-0.1786i	0.6269+0.3586i	-1.5765-1.2407i	-0.0762-0.1385i	0.1383-0.2723i	-0.0252-0.1294i
41.1	-1.4683-1.0070i	-0.1455-0.1491i	0.6492+0.2346i	-1.5362-1.1890i	-0.0785-0.1168i	0.1172-0.1646i	-0.0411-0.0877i
41.2	-1.4579-0.9831i	-0.1366-0.1464i	0.6386+0.1936i	-1.5597-1.1537i	-0.0781-0.1158i	0.1217-0.1286i	-0.0588-0.0630i
41.3	-1.4527-0.9397i	-0.1424-0.1480i	0.6500+0.1237i	-1.5612-1.1201i	-0.0864-0.1100i	0.1039-0.0883i	-0.0738-0.0407i
41.4	-1.4131-0.8598i	-0.1436-0.1320i	0.5824+0.0265i	-1.5151-1.0028i	-0.0862-0.1021i	0.1413-0.0216i	-0.0702-0.0278i
41.5	-1.3658-0.8310i	-0.1400-0.1362i	0.5040+0.0148i	-1.4810-0.9943i	-0.0911-0.0938i	0.1955-0.0150i	-0.0713+0.0002i
41.6	-1.3473-0.8295i	-0.1451-0.1329i	0.5043+0.0723i	-1.4692-0.9947i	-0.0954-0.0991i	0.1970-0.0545i	-0.0579+0.0026i
41.7	-1.3383-0.7970i	-0.1611-0.1005i	0.6027+0.0186i	-1.4805-0.9259i	-0.1083-0.0742i	0.0861+0.0127i	-0.0693-0.0096i
41.8	-1.3313-0.7693i	-0.1516-0.1225i	0.5439-0.0537i	-1.4476-0.9189i	-0.1093-0.0858i	0.1390+0.0413i	-0.0892+0.0113i
41.9	-1.2999-0.7736i	-0.1464-0.1205i	0.5370-0.1133i	-1.4364-0.9142i	-0.1084-0.0848i	0.1624+0.0710i	-0.1032+0.0500i
42.0	-1.3138-0.7516i	-0.1425-0.1066i	0.4869-0.1707i	-1.4517-0.8920i	-0.1053-0.0622i	0.1868+0.1242i	-0.0939+0.0823i
42.1	-1.3117-0.7605i	-0.1407-0.1243i	0.3492-0.1347i	-1.4265-0.9023i	-0.1004-0.0711i	0.2717+0.0876i	-0.0812+0.0963i
42.2	-1.3014-0.7177i	-0.1310-0.1210i	0.3854-0.0423i	-1.4004-0.8441i	-0.0778-0.0808i	0.2487+0.0189i	-0.0507+0.0854i
42.3	-1.2777-0.7172i	-0.1525-0.1293i	0.4210-0.2181i	-1.4233-0.8464i	-0.1171-0.0864i	0.2033+0.1760i	-0.0929+0.0720i
42.4	-1.3011-0.7415i	-0.1491-0.1269i	0.2975-0.2207i	-1.4358-0.8769i	-0.1094-0.0728i	0.3262+0.1669i	-0.0722+0.0940i
42.5	-1.3119-0.7169i	-0.1592-0.1268i	0.2640-0.1888i	-1.4582-0.8697i	-0.1094-0.0767i	0.3333+0.1291i	-0.0659+0.0983i
42.6	-1.3261-0.6852i	-0.1516-0.1238i	0.1417-0.1895i	-1.4380-0.7972i	-0.0955-0.0653i	0.4604+0.1171i	-0.0749+0.0970i
42.7	-1.3180-0.6646i	-0.1561-0.1284i	0.1202-0.0993i	-1.4419-0.8000i	-0.1044-0.0776i	0.4771-0.0019i	-0.0860+0.1278i
42.8	-1.3078-0.6499i	-0.1863-0.1101i	0.1396-0.1085i	-1.4808-0.7773i	-0.1267-0.0573i	0.4082+0.0292i	-0.0431+0.1438i
42.9	-1.3264-0.6618i	-0.1791-0.1016i	0.1109-0.0510i	-1.5024-0.7636i	-0.1174-0.0524i	0.4473-0.0312i	-0.0111+0.1079i
43.0	-1.3679-0.6397i	-0.1371-0.0882i	0.0449-0.0686i	-1.4667-0.7153i	-0.0762-0.0407i	0.5040+0.0077i	-0.0581+0.1291i
43.1	-1.3188-0.5933i	-0.1512-0.1491i	0.0284+0.0928i	-1.4590-0.7427i	-0.0899-0.1033i	0.5308-0.1753i	-0.0332+0.1497i
43.2	-1.2861-0.5929i	-0.2068-0.1654i	0.0842+0.0774i	-1.4624-0.7688i	-0.1467-0.1226i	0.4530-0.2131i	0.0039+0.1874i
43.3	-1.2991-0.6184i	-0.2231-0.1417i	0.0816+0.1527i	-1.4786-0.7575i	-0.1608-0.0912i	0.4292-0.2895i	0.0555+0.1572i
43.4	-1.3125-0.6043i	-0.2394-0.1031i	0.1175+0.1602i	-1.5444-0.6897i	-0.1819-0.0514i	0.2946-0.2788i	0.0980+0.1078i

43.5	-1.3143-0.5404i	-0.1985-0.1022i	0.1201+0.1856i	-1.4943-0.6389i	-0.1330-0.0598i	0.3342-0.2496i	0.0518+0.0639i
43.6	-1.3257-0.5701i	-0.2039-0.0851i	0.2062+0.1852i	-1.5335-0.6648i	-0.1443-0.0494i	0.2477-0.2690i	0.0399+0.0492i
43.7	-1.3312-0.5731i	-0.2074-0.0961i	0.2200+0.2040i	-1.5340-0.6852i	-0.1511-0.0554i	0.2325-0.2996i	0.0291+0.0855i
43.8	-1.3239-0.5536i	-0.2045-0.0968i	0.2327+0.0977i	-1.5082-0.6428i	-0.1513-0.0562i	0.2213-0.2071i	0.0291+0.0604i
43.9	-1.3305-0.5716i	-0.2211-0.0791i	0.2232+0.1275i	-1.5487-0.6773i	-0.1551-0.0424i	0.1933-0.2640i	0.0566+0.0414i
44.0	-1.3733-0.5449i	-0.2297-0.0846i	0.1397+0.1684i	-1.5966-0.6360i	-0.1547-0.0417i	0.1918-0.3009i	0.0100+0.0621i
44.1	-1.3683-0.5020i	-0.2323-0.0749i	0.2386+0.2330i	-1.6081-0.5697i	-0.1681-0.0404i	0.1001-0.2914i	0.0227+0.0411i
44.2	-1.3661-0.4624i	-0.2314-0.0718i	0.2029+0.1501i	-1.5825-0.5483i	-0.1638-0.0294i	0.1490-0.2266i	-0.0180+0.0479i
44.3	-1.3721-0.4563i	-0.2653-0.0736i	0.3532+0.3134i	-1.6544-0.5362i	-0.2056-0.0398i	-0.0254-0.3374i	0.0473+0.0769i
44.4	-1.3701-0.4795i	-0.2754-0.0422i	0.4120+0.1015i	-1.6682-0.5184i	-0.2152-0.0078i	-0.0887-0.1446i	0.0540+0.0285i
44.5	-1.3849-0.4829i	-0.2380-0.0150i	0.2473+0.0541i	-1.6599-0.4401i	-0.1809+0.0227i	0.0103-0.0363i	0.0233-0.0168i
44.6	-1.3541-0.4238i	-0.2307-0.0395i	0.2451+0.2090i	-1.6119-0.4515i	-0.1740-0.0169i	0.1147-0.1487i	0.0063+0.0824i
44.7	-1.3742-0.4772i	-0.2365-0.0226i	0.2573+0.1445i	-1.6207-0.4585i	-0.1744+0.0088i	0.0815-0.1386i	0.0173-0.0009i
44.8	-1.4031-0.4805i	-0.2353-0.0072i	0.2884+0.1582i	-1.6656-0.4273i	-0.1740+0.0312i	-0.0148-0.1370i	0.0177-0.0283i
44.9	-1.4223-0.4620i	-0.2088-0.0244i	0.1516+0.2359i	-1.6050-0.4182i	-0.1477+0.0148i	0.1190-0.1760i	-0.0492-0.0363i
45.0	-1.4550-0.4310i	-0.2476-0.0088i	0.3977+0.2717i	-1.6718-0.4032i	-0.1885+0.0204i	-0.1479-0.1903i	-0.0218-0.0128i
45.1	-1.4785-0.3746i	-0.1798-0.0050i	0.1668+0.1090i	-1.6125-0.3436i	-0.1156+0.0265i	0.1113+0.0038i	-0.0894-0.0364i
45.2	-1.4897-0.3851i	-0.2115-0.0335i	0.2654+0.3033i	-1.6536-0.3891i	-0.1569-0.0027i	0.0103-0.2007i	-0.1037+0.0079i
45.3	-1.5136-0.3505i	-0.2282-0.0208i	0.3678+0.3298i	-1.7001-0.3879i	-0.1758+0.0039i	-0.1442-0.1564i	-0.1091+0.0431i
45.4	-1.4838-0.3325i	-0.2000-0.0015i	0.3854+0.2250i	-1.6571-0.3376i	-0.1483+0.0186i	-0.0692-0.0162i	-0.1061+0.0438i
45.5	-1.4529-0.3140i	-0.2279-0.0102i	0.4360+0.2611i	-1.6935-0.3608i	-0.1757+0.0092i	-0.1156-0.0991i	-0.0705+0.0682i
45.6	-1.4681-0.3375i	-0.2391+0.0013i	0.5090+0.2243i	-1.7314-0.3280i	-0.1944+0.0321i	-0.2007-0.0375i	-0.0222+0.0574i
45.7	-1.4872-0.3367i	-0.2371+0.0179i	0.5114+0.0738i	-1.7364-0.2750i	-0.1887+0.0515i	-0.2112+0.1332i	-0.0493+0.0352i
45.8	-1.5167-0.3322i	-0.2244+0.0365i	0.3746-0.0238i	-1.7424-0.2286i	-0.1740+0.0767i	-0.0952+0.2287i	-0.0839+0.0225i
45.9	-1.5434-0.2841i	-0.1969+0.0205i	0.3313+0.0901i	-1.7312-0.2434i	-0.1429+0.0511i	-0.0223+0.1518i	-0.1096+0.0603i
46.0	-1.4995-0.2986i	-0.2203+0.0269i	0.4094+0.0610i	-1.7511-0.2244i	-0.1703+0.0539i	-0.0936+0.1602i	-0.0230+0.0740i
46.1	-1.5360-0.2925i	-0.2052-0.0010i	0.3229+0.0405i	-1.7117-0.2143i	-0.1556+0.0292i	0.0161+0.1808i	-0.0710+0.0640i
46.2	-1.5572-0.2749i	-0.2284+0.0245i	0.3057+0.0341i	-1.7189-0.1810i	-0.1853+0.0487i	-0.0210+0.1581i	-0.0374+0.0621i
46.3	-1.5923-0.2601i	-0.2305+0.0250i	0.2941+0.0681i	-1.7559-0.1670i	-0.1827+0.0498i	-0.0350+0.1938i	-0.0449+0.0473i
46.4	-1.5858-0.2608i	-0.2386+0.0665i	0.2920+0.0240i	-1.7448-0.1447i	-0.1931+0.1107i	0.0033+0.2569i	0.0017+0.0080i
46.5	-1.6341-0.2233i	-0.2334+0.0628i	0.2845+0.0508i	-1.7421-0.1493i	-0.1808+0.0980i	0.0177+0.1725i	-0.0460-0.0008i
46.6	-1.6711-0.1868i	-0.1860+0.1202i	0.1973-0.0593i	-1.7570-0.0608i	-0.1307+0.1543i	0.0453+0.3107i	-0.0158-0.0510i
46.7	-1.7334-0.1325i	-0.1123+0.0735i	0.0381+0.0387i	-1.7496-0.0815i	-0.0534+0.0947i	0.1717+0.2677i	-0.1413-0.0367i
46.8	-1.7450-0.0766i	-0.1329+0.0669i	0.1122+0.0927i	-1.7899-0.0625i	-0.0802+0.0898i	0.1128+0.2592i	-0.1335-0.0034i
46.9	-1.7457+0.0070i	-0.1241+0.0094i	0.0284+0.1482i	-1.7512-0.0568i	-0.0660+0.0249i	0.2650+0.2755i	-0.1716+0.0329i
47.0	-1.7033+0.0252i	-0.1781+0.0359i	0.0446+0.2372i	-1.7809-0.0304i	-0.1250+0.0566i	0.2597+0.1513i	-0.0971+0.0469i
47.1	-1.7077+0.0811i	-0.1439+0.0476i	0.0433+0.3596i	-1.8116-0.0231i	-0.0897+0.0599i	0.2922+0.0585i	-0.0969+0.0376i
47.2	-1.6974+0.0775i	-0.1071+0.0149i	0.1788+0.4064i	-1.8388-0.0680i	-0.0735+0.0333i	0.1739+0.0031i	-0.0732+0.0732i
47.3	-1.6974+0.1136i	-0.1302-0.0571i	0.1618+0.3504i	-1.8434-0.0308i	-0.0937-0.0357i	0.1659+0.0580i	-0.0915+0.0548i
47.4	-1.6805+0.1354i	-0.1685-0.0762i	0.1807+0.4614i	-1.8680-0.0120i	-0.1413-0.0474i	0.1331-0.0392i	-0.0845+0.0543i
47.5	-1.6918+0.1777i	-0.1961-0.0713i	0.2696+0.4605i	-1.9435+0.0235i	-0.1689-0.0461i	0.0682-0.0328i	-0.0669+0.0505i
47.6	-1.6891+0.2279i	-0.2297-0.1092i	0.2515+0.5543i	-1.9222+0.0477i	-0.1988-0.0793i	0.0678-0.0516i	-0.0917+0.0711i
47.7	-1.6268+0.2543i	-0.3157-0.0835i	0.5004+0.5570i	-2.0147+0.0975i	-0.2950-0.0555i	-0.1228-0.0593i	0.0129+0.0607i
47.8	-1.6133+0.2162i	-0.3370-0.0036i	0.5333+0.3663i	-2.0339+0.1481i	-0.3215+0.0333i	-0.1359+0.0816i	0.0535-0.0593i
47.9	-1.6362+0.2451i	-0.2875+0.0144i	0.4627+0.2161i	-2.0318+0.2388i	-0.2682+0.0580i	-0.0630+0.2921i	-0.0458-0.1341i
48.0	-1.6130+0.2056i	-0.3014+0.0568i	0.2867+0.2197i	-2.0182+0.2436i	-0.2882+0.1085i	0.1192+0.2610i	-0.0198-0.1202i
48.1	-1.6730+0.2452i	-0.3049+0.0894i	0.2696+0.3251i	-2.0125+0.2941i	-0.2738+0.1509i	0.0981+0.1732i	-0.0647-0.2218i
48.2	-1.7411+0.3126i	-0.2108+0.1242i	0.2004+0.5191i	-1.9925+0.3399i	-0.1762+0.1802i	0.1559+0.0766i	-0.1925-0.2582i
48.3	-1.6420+0.3914i	-0.2186+0.0471i	0.5512+0.5469i	-2.0476+0.3229i	-0.1886+0.0929i	-0.0835+0.0163i	-0.2382-0.1577i
48.4	-1.6642+0.3320i	-0.1896+0.0612i	0.4624+0.2910i	-2.0317+0.4299i	-0.1644+0.1294i	-0.0573+0.2371i	-0.2357-0.2464i
48.5	-1.6960+0.4210i	-0.2121+0.0142i	0.2329+0.4037i	-1.9947+0.4523i	-0.1866+0.0805i	0.1802+0.1917i	-0.3592-0.1979i
48.6	-1.6715+0.4686i	-0.2354+0.0342i	0.2713+0.5941i	-1.9691+0.4765i	-0.2016+0.0868i	0.1658+0.0607i	-0.4038-0.1269i
48.7	-1.5893+0.5221i	-0.2494+0.0187i	0.5006+0.7705i	-1.9692+0.4410i	-0.2112+0.0619i	0.0766-0.0560i	-0.4073-0.0625i
48.8	-1.5651+0.4447i	-0.2646+0.0268i	0.6051+0.5325i	-1.9989+0.4694i	-0.2478+0.0924i	-0.0181+0.0189i	-0.3588-0.0674i
48.9	-1.5640+0.4747i	-0.2878-0.0003i	0.6806+0.6157i	-1.9892+0.5139i	-0.2733+0.0643i	-0.0874-0.0103i	-0.4000-0.0549i
49.0	-1.5562+0.4209i	-0.3377+0.0675i	0.7252+0.4529i	-2.0010+0.5466i	-0.3105+0.1384i	-0.1093+0.0358i	-0.4085-0.0978i
49.1	-1.5581+0.4783i	-0.3044+0.0730i	0.7150+0.4552i	-2.0254+0.5438i	-0.2858+0.1430i	-0.1427+0.0578i	-0.4493-0.0535i
49.2	-1.5419+0.5405i	-0.3440+0.0725i	0.8500+0.5621i	-2.0492+0.5636i	-0.3167+0.1400i	-0.2429-0.0232i	-0.4281+0.0099i
49.3	-1.4971+0.4852i	-0.3546+0.1661i	1.0163+0.2177i	-2.0713+0.6294i	-0.3436+0.2545i	-0.3829+0.2833i	-0.4036-0.0349i
49.4	-1.5847+0.4915i	-0.2968+0.1378i	0.7449+0.2412i	-2.0025+0.6863i	-0.2563+0.2229i	-0.1589+0.1967i	-0.4923-0.0526i
49.5	-1.5002+0.5189i	-0.3300+0.1357i	0.8967+0.3205i	-2.0557+0.6805i	-0.3124+0.2177i	-0.2523+0.1253i	-0.4513+0.0075i
49.6	-1.5078+0.4822i	-0.3466+0.1947i	0.9970+0.1316i	-2.0839+0.7287i	-0.3388+0.2816i	-0.4138+0.2414i	-0.4229+0.0146i
49.7	-1.5669+0.4322i	-0.3225+0.2640i	0.9142-0.1217i	-2.0805+0.8587i	-0.3012+0.3783i	-0.3980+0.4389i	-0.4459-0.0630i

49.8	-1.6702+0.4653i	-0.2546+0.2696i	0.6690-0.1105i	-2.0660+0.9133i	-0.2093+0.3830i	-0.2650+0.4430i	-0.5415-0.0660i
49.9	-1.7079+0.4952i	-0.1884+0.2831i	0.5201-0.1208i	-2.0437+0.9145i	-0.1405+0.4000i	-0.1238+0.5292i	-0.6406-0.0868i
50.0	-1.7340+0.5660i	-0.1583+0.2410i	0.5613+0.1752i	-2.0452+0.9021i	-0.0968+0.3359i	-0.1782+0.2361i	-0.7038-0.0298i
50.1	-1.6879+0.6155i	-0.2321+0.1661i	0.7712+0.0870i	-2.1407+0.9028i	-0.1898+0.2741i	-0.3650+0.3119i	-0.7015+0.0988i
50.2	-1.6919+0.5859i	-0.2617+0.2548i	0.7846-0.1061i	-2.1402+1.0107i	-0.2142+0.3736i	-0.4365+0.4925i	-0.6499+0.0783i
50.3	-1.8005+0.5721i	-0.1754+0.2976i	0.5172-0.1802i	-2.0986+1.0849i	-0.1148+0.4189i	-0.3056+0.5944i	-0.7208+0.0150i
50.4	-1.8556+0.7007i	-0.1718+0.2478i	0.5913+0.0001i	-2.0940+1.1140i	-0.0959+0.3672i	-0.4326+0.5073i	-0.8702+0.1185i
50.5	-1.8450+0.7298i	-0.1735+0.2915i	0.6359-0.2644i	-2.1447+1.2170i	-0.1090+0.4144i	-0.5125+0.8520i	-0.8549+0.1807i
50.6	-1.9079+0.7881i	-0.1126+0.2963i	0.4167-0.2317i	-2.0517+1.2310i	-0.0239+0.3912i	-0.2202+0.9364i	-0.9210+0.1994i
50.7	-1.9327+0.7746i	-0.1184+0.3151i	0.2998-0.3332i	-2.1164+1.2267i	-0.0367+0.4274i	-0.1318+0.9518i	-0.9256+0.2366i
50.8	-1.9768+0.8834i	-0.0446+0.3195i	0.0203-0.2412i	-2.0159+1.3304i	0.0626+0.4241i	0.0094+0.9595i	-1.0011+0.2869i
50.9	-2.0016+0.9578i	0.0125+0.2648i	0.0264+0.1302i	-2.0254+1.3286i	0.1220+0.3580i	0.1761+0.7422i	-1.0214+0.3388i
51.0	-2.0558+1.1170i	0.0753+0.1696i	0.0225+0.2510i	-2.0030+1.2887i	0.1902+0.2443i	0.1058+0.5693i	-1.1896+0.4835i
51.1	-1.9170+1.1654i	-0.0850+0.1446i	0.3828+0.1715i	-2.1334+1.3864i	0.0015+0.2268i	-0.2220+0.6887i	-1.0203+0.6398i
51.2	-1.9565+1.1965i	-0.0273+0.1516i	0.2327+0.2033i	-2.0948+1.3626i	0.0665+0.2271i	-0.1224+0.7002i	-1.0567+0.6679i
51.3	-1.9113+1.2957i	-0.0725+0.1125i	0.3904+0.1488i	-2.1022+1.4706i	0.0158+0.1938i	-0.2783+0.7925i	-1.0195+0.8333i
51.4	-1.8873+1.3339i	-0.1189+0.1549i	0.3774-0.0472i	-2.1786+1.6634i	-0.0298+0.2687i	-0.2516+1.0712i	-0.9016+0.8768i
51.5	-1.9613+1.3575i	-0.0101+0.2336i	0.0700-0.1502i	-2.1206+1.7269i	0.0910+0.3445i	0.0029+1.2396i	-0.9285+0.8115i
51.6	-1.9539+1.5547i	0.0957+0.0773i	0.0296+0.2266i	-2.0743+1.6969i	0.2127+0.1674i	0.1261+0.9921i	-1.0425+0.9608i
51.7	-1.8955+1.5578i	-0.0420+0.0802i	-0.0551-0.1798i	-2.1160+1.8705i	0.0713+0.1869i	0.1670+1.3754i	-0.8198+1.0933i
51.8	-1.9915+1.7721i	0.0185-0.0210i	-0.4192+0.5535i	-2.0816+1.7832i	0.1393+0.0474i	0.5673+0.8662i	-0.9205+1.1553i
51.9	-1.7834+1.8901i	-0.1398-0.0187i	0.0768+0.4854i	-2.1959+1.8395i	-0.0384+0.0429i	0.1959+0.8989i	-0.6989+1.3218i
52.0	-1.8367+1.8762i	-0.1014-0.0148i	-0.1669+0.5933i	-2.2242+1.9907i	0.0074+0.0592i	0.4172+0.7860i	-0.6321+1.0989i
52.1	-1.7608+2.0077i	-0.2475-0.0018i	0.2680+0.5722i	-2.3319+2.1302i	-0.1282+0.0773i	-0.0359+0.8422i	-0.6693+1.1853i
52.2	-1.6659+2.0832i	-0.1894-0.0310i	-0.1082+0.6288i	-2.1394+2.2480i	-0.0750+0.0471i	0.3312+0.9040i	-0.7755+1.2398i
52.3	-1.6642+2.0267i	-0.2492+0.1628i	0.2087+0.3350i	-2.2057+2.4746i	-0.1300+0.2580i	0.0657+1.1180i	-0.6805+1.1132i
52.4	-1.5985+2.2879i	-0.2020+0.0522i	-0.0024+0.6588i	-2.0290+2.5859i	-0.0678+0.1164i	0.1832+0.9446i	-0.8550+1.5041i
52.5	-1.4641+2.1467i	-0.2716+0.2592i	0.0101+0.2336i	-2.0180+2.8355i	-0.1466+0.3723i	0.2315+1.4263i	-0.3642+1.4402i
52.6	-1.6596+2.2979i	0.0175+0.2159i	-0.5224+0.5429i	-1.7592+2.8774i	0.1806+0.2994i	0.7386+1.2217i	-0.7867+1.2801i
52.7	-1.5411+2.6242i	0.0080-0.0269i	-0.4820+1.1040i	-1.7041+2.7988i	0.1647+0.0034i	0.7207+0.8010i	-0.9770+1.7758i
52.8	-1.2267+2.5503i	-0.3280+0.0355i	-0.0522+0.7083i	-1.7601+2.9917i	-0.2110+0.0972i	0.3705+1.2141i	-0.3292+1.9984i
52.9	-1.4742+2.7010i	-0.0067+0.1363i	-0.9770+1.3726i	-1.4485+3.1111i	0.1726+0.1742i	1.1777+0.7833i	-0.6623+1.7919i
53.0	-1.1524+2.9920i	-0.1086-0.0549i	-0.2756+1.9269i	-1.3694+2.9834i	0.0384-0.0586i	0.5959+0.4275i	-0.4034+2.2449i
53.1	-0.9602+3.0400i	-0.1077-0.1283i	-0.2027+2.2251i	-1.2684+3.1281i	0.0301-0.1278i	0.7959+0.2198i	-0.1735+2.2285i
53.2	-0.7028+3.1950i	-0.3234-0.2286i	0.4482+2.5022i	-1.3472+3.1024i	-0.2274-0.2492i	0.1756-0.0040i	0.0385+2.5486i
53.3	-0.4113+3.1879i	-0.4770-0.1778i	0.9057+2.4261i	-1.2910+3.2708i	-0.3965-0.1891i	-0.1953+0.1877i	0.4544+2.5746i
53.4	-0.1317+3.1818i	-0.5916-0.1364i	1.4240+2.4200i	-1.2033+3.3658i	-0.5622-0.1367i	-0.4940+0.3216i	0.7654+2.5256i
53.5	0.0747+2.8898i	-0.7048+0.1220i	1.6649+1.5179i	-1.0828+3.4902i	-0.6723+0.1701i	-0.6199+1.1438i	1.0855+2.2078i
53.6	0.0761+2.7642i	-0.6016+0.3171i	0.9470+1.6695i	-0.8116+3.6251i	-0.5466+0.3718i	0.0552+1.1229i	1.1418+1.8387i
53.7	0.1592+2.8781i	-0.5768+0.2326i	1.5511+2.2169i	-0.7732+3.5348i	-0.5359+0.2684i	-0.4148+0.8185i	0.9765+1.9131i
53.8	0.3548+2.7079i	-0.6575+0.4434i	2.0351+1.6987i	-0.8045+3.8622i	-0.6465+0.5310i	-0.6376+1.4724i	1.0772+1.7906i
53.9	0.4258+2.5680i	-0.5043+0.6486i	2.0144+1.3135i	-0.4188+3.9936i	-0.4676+0.7869i	-0.2311+1.9066i	1.0842+1.7910i
54.0	0.4581+2.4688i	-0.2343+0.6959i	1.8671+1.1255i	0.0774+4.0331i	-0.1413+0.8428i	0.2665+1.9330i	1.2000+1.8580i
54.1	0.4620+2.5200i	0.0055+0.4931i	1.7272+1.0883i	0.4079+3.7314i	0.1617+0.6070i	0.5601+1.7644i	1.4942+1.9229i
54.2	0.6893+2.5611i	-0.1118+0.1957i	1.4732+1.5478i	0.4375+3.4086i	0.0053+0.2451i	0.9024+1.0797i	1.9574+1.8001i
54.3	0.9686+2.6182i	-0.3939+0.0438i	2.5928+1.9154i	0.3239+3.1982i	-0.2972+0.0792i	-0.2375+0.7289i	2.2001+1.7010i
54.4	1.1386+2.3025i	-0.5317+0.2740i	2.8364+1.1782i	0.2340+3.2882i	-0.4598+0.3279i	-0.3959+1.3845i	2.4603+1.1974i
54.5	1.1677+2.0946i	-0.5308+0.4331i	2.7911+0.7523i	0.2522+3.3669i	-0.4627+0.5115i	-0.3020+1.7861i	2.4622+0.8133i
54.6	1.1950+1.8107i	-0.4830+0.6335i	2.6652+0.2957i	0.4808+3.4393i	-0.4152+0.7360i	-0.0799+2.1790i	2.4328+0.3463i
54.7	0.9358+1.6719i	-0.1831+0.6606i	2.0267+0.3485i	0.7967+3.4861i	-0.0683+0.7793i	0.5450+2.1384i	1.9765-0.0827i
54.8	1.1007+1.9867i	-0.3692+0.3143i	2.8147+0.9604i	0.8504+3.1690i	-0.2886+0.3746i	0.0615+1.6030i	1.7755+0.3928i
54.9	1.4020+1.5029i	-0.6129+0.7710i	3.1972-0.3866i	0.6762+3.3592i	-0.5662+0.8948i	-0.2291+2.5715i	2.1902-0.0186i
55.0	1.2079+1.2977i	-0.3760+0.9278i	2.5837-0.6719i	0.9339+3.4838i	-0.2882+1.0651i	0.3712+2.8329i	1.9636-0.3916i
55.1	1.0205+1.1989i	-0.1624+0.9616i	2.0712-0.7466i	1.1260+3.4501i	-0.0362+1.1024i	0.9186+2.8679i	1.6762-0.5539i
55.2	0.9504+1.2949i	-0.0178+0.8338i	1.9053-0.4779i	1.3590+3.2761i	0.1083+0.9479i	1.1367+2.5897i	1.3918-0.4708i
55.3	0.9475+1.1952i	0.0526+0.8784i	1.7716-0.6470i	1.4480+3.2243i	0.1816+0.9939i	1.2972+2.6238i	1.3189-0.5837i
55.4	0.9060+1.2141i	0.1524+0.7862i	1.5752-0.4791i	1.6161+3.0792i	0.2948+0.8941i	1.5049+2.4391i	1.1288-0.5251i
55.5	0.8610+1.2654i	0.2371+0.6648i	1.3923-0.2713i	1.7356+2.9475i	0.3785+0.7615i	1.7418+2.1974i	0.9268-0.4398i
55.6	1.0970+1.2053i	0.0830+0.6205i	1.9165-0.2498i	1.6085+2.7591i	0.2003+0.7191i	1.3781+2.0800i	1.0775-0.3522i
55.7	0.9544+0.9584i	0.1680+0.7699i	1.5325-0.6356i	1.7059+2.7631i	0.2892+0.8882i	1.6215+2.3794i	1.0019-0.5862i
55.8	0.8711+0.9675i	0.2758+0.7011i	1.3352-0.4691i	1.8201+2.5810i	0.4083+0.8102i	1.8717+2.1722i	0.8347-0.5171i
55.9	0.8073+0.9305i	0.3513+0.6800i	1.2329-0.4177i	1.9612+2.4696i	0.4995+0.7834i	2.0261+2.1134i	0.7049-0.5487i
56.0	0.7680+0.9706i	0.4159+0.5687i	1.1403-0.2270i	2.0374+2.3372i	0.5700+0.6702i	2.1328+1.9139i	0.6123-0.4727i

56.1	0.8997+0.9797i	0.3084+0.4708i	1.5791-0.1144i	1.9614+2.1479i	0.4483+0.5601i	1.8057+1.7338i	0.6718-0.3531i
56.2	0.7799+0.7431i	0.3832+0.6122i	1.2810-0.5504i	2.0324+2.2599i	0.5244+0.7318i	2.0503+2.0718i	0.6497-0.5777i
56.3	0.7459+0.7851i	0.4631+0.5260i	1.1839-0.3478i	2.1212+2.1305i	0.6159+0.6351i	2.2295+1.8842i	0.5542-0.5120i
56.4	0.7374+0.7204i	0.4605+0.5225i	1.1785-0.3503i	2.0941+2.0172i	0.6114+0.6500i	2.2723+1.8495i	0.5387-0.5989i
56.5	0.6300+0.7246i	0.4842+0.4465i	1.0827-0.2444i	2.0823+1.8653i	0.6533+0.5652i	2.2930+1.7469i	0.4251-0.5456i
56.6	0.5800+0.7481i	0.5200+0.4069i	1.0798-0.1995i	2.1452+1.7564i	0.6946+0.5152i	2.3687+1.6513i	0.3678-0.5534i
56.7	0.5312+0.7810i	0.5845+0.3248i	1.0479-0.1262i	2.2574+1.6184i	0.7620+0.4254i	2.4940+1.4947i	0.2808-0.5245i
56.8	0.4948+0.8104i	0.5684+0.2345i	1.0451-0.0411i	2.1755+1.5265i	0.7485+0.3289i	2.4724+1.3984i	0.2255-0.4452i
56.9	0.4809+0.8411i	0.5922+0.1532i	1.0646+0.0218i	2.2347+1.3788i	0.7691+0.2476i	2.4985+1.3099i	0.1851-0.3867i
57.0	0.4431+0.9053i	0.6137+0.0621i	1.0394+0.0721i	2.2387+1.4240i	0.7930+0.1483i	2.5224+1.1927i	0.0584-0.3532i
57.1	0.4461+0.9709i	0.5805-0.0128i	1.0827+0.1695i	2.0491+1.2352i	0.7600+0.0658i	2.5368+1.1189i	0.0197-0.3082i
57.2	0.5826+1.0928i	0.4669-0.1475i	1.3475+0.3555i	2.0806+1.0318i	0.6280-0.0777i	2.3525+0.9482i	0.0316-0.1206i
57.3	0.7459+0.8491i	0.2384+0.0265i	1.5904-0.2857i	1.9129+1.1612i	0.3832+0.1275i	2.1016+1.3917i	0.2526-0.2164i
57.4	0.5154+0.8865i	0.4436-0.0183i	0.9879-0.1265i	2.1372+1.1341i	0.6165+0.0779i	2.6074+1.2471i	-0.0083-0.2443i
57.5	0.5724+0.9555i	0.3754-0.1318i	0.9988+0.0861i	1.9896+0.9971i	0.5347-0.0387i	2.5648+1.0564i	-0.0349-0.1175i
57.6	0.6257+1.0133i	0.2930-0.1619i	1.1044+0.2203i	1.9313+1.0084i	0.4597-0.0794i	2.5046+0.9935i	0.0496-0.0051i
57.7	0.6636+1.0408i	0.2587-0.1884i	1.1483+0.3020i	1.8697+0.9105i	0.4233-0.0968i	2.5153+0.9873i	0.0832+0.0881i
57.8	0.7063+0.9858i	0.2178-0.1981i	1.1908+0.2872i	1.9567+0.9402i	0.3782-0.1003i	2.5106+0.9296i	0.0773+0.0684i
57.9	0.7694+0.9746i	0.1573-0.1951i	1.2785+0.3276i	1.6877+0.9643i	0.3116-0.1102i	2.5190+0.8354i	0.1561+0.1496i
58.0	0.7976+0.8984i	0.1118-0.1565i	1.2912+0.3193i	1.5367+0.7363i	0.2734-0.0556i	2.4927+0.8489i	0.1382+0.1024i
58.1	0.8248+0.9084i	0.0334-0.1710i	1.3546+0.4074i	1.5437+0.6012i	0.1867-0.0718i	2.4916+0.8167i	0.1580+0.2100i
58.2	0.8252+0.8935i	0.0748-0.1339i	1.4255+0.3953i	1.6825+0.6392i	0.2282-0.0255i	2.5141+0.8100i	0.1867+0.2306i
58.3	0.8367+0.8825i	0.0375-0.1650i	1.4502+0.4146i	1.7956+0.5590i	0.2027-0.0473i	2.5241+0.7434i	0.1947+0.2955i
58.4	0.8656+0.8562i	-0.0167-0.1608i	1.4773+0.4564i	1.6628+0.7732i	0.1400-0.0475i	2.4689+0.7441i	0.2525+0.2886i
58.5	0.8363+0.7774i	-0.0053-0.1014i	1.5400+0.3944i	1.5741+0.6585i	0.1759+0.0225i	2.4741+0.7499i	0.2825+0.2111i
58.6	0.8655+0.8097i	-0.0287-0.1420i	1.6209+0.3653i	1.6583+0.8134i	0.1632-0.0165i	2.5400+0.7056i	0.3261+0.2206i
58.7	0.9012+0.7825i	-0.0394-0.1196i	1.6977+0.3768i	1.1869+0.6944i	0.1488+0.0043i	2.5627+0.7377i	0.4075+0.2678i
58.8	0.9501+0.8028i	-0.0689-0.1575i	1.7311+0.4414i	1.5217+0.2798i	0.1174-0.0247i	2.5569+0.7252i	0.4183+0.3578i
58.9	1.0029+0.7408i	-0.1302-0.1306i	1.8431+0.4034i	1.6505+0.7209i	0.0587+0.0057i	2.5506+0.6622i	0.5931+0.3608i
59.0	0.9907+0.7498i	-0.1569-0.1842i	1.8192+0.3930i	1.1290+0.7302i	0.0541-0.0545i	2.5653+0.6032i	0.7069+0.3286i
59.1	1.0287+0.6945i	-0.2202-0.1146i	1.9568+0.3987i	1.2171+0.0787i	-0.0172+0.0279i	2.6049+0.6666i	0.6550+0.3172i
59.2	1.0075+0.6616i	-0.2005-0.1332i	1.9576+0.3243i	1.8984+0.4706i	0.0086+0.0073i	2.6308+0.6611i	0.7365+0.2088i
59.3	1.0091+0.6229i	-0.2397-0.1346i	1.9833+0.2667i	1.2606+0.6239i	-0.0250+0.0043i	2.6323+0.6472i	0.8174+0.1413i
59.4	1.0373+0.5807i	-0.2666-0.0903i	2.0326+0.2201i	2.0079+0.4590i	-0.0552+0.0533i	2.6476+0.6280i	0.8408+0.0126i
59.5	0.9964+0.5781i	-0.2747-0.0618i	2.0613+0.1805i	1.1175+1.3898i	-0.0463+0.0800i	2.7096+0.7113i	0.9022-0.1180i
59.6	0.9954+0.5070i	-0.3026-0.0191i	2.0610+0.0948i	1.2437-0.1255i	-0.0653+0.1213i	2.7363+0.6903i	0.8004-0.1731i
59.7	1.0324+0.4774i	-0.3665-0.0093i	2.0853+0.0509i	2.4044+0.7016i	-0.1149+0.1307i	2.7427+0.6509i	0.8044-0.3522i
59.8	0.9955+0.5031i	-0.3812-0.0240i	2.0996+0.0111i	1.9800+0.5206i	-0.1395+0.1132i	2.7963+0.6341i	0.8235-0.4036i
59.9	1.0242+0.4901i	-0.4189-0.0009i	2.0805-0.0035i	2.6639+2.9575i	-0.1825+0.1259i	2.8190+0.6042i	0.8352-0.5859i
60.0	1.0421+0.4579i	-0.4325+0.0046i	2.0689-0.0826i	-41.5600+50.4793i	-0.2019+0.1295i	2.8589+0.5030i	4.5998-0.7321i
60.1	1.0559+0.4052i	-0.4816+0.1007i	2.0976-0.1471i	-3.5180-0.0112i	-0.2267+0.2239i	2.9269+0.4937i	0.8796-0.3474i
60.2	1.0010+0.3856i	-0.4862+0.1153i	1.9956-0.1266i	1.4076-0.7137i	-0.2339+0.2427i	2.9207+0.5248i	0.4782-0.5740i
60.3	1.0413+0.3536i	-0.5889+0.1594i	1.9779-0.1511i	0.9825-0.3296i	-0.3418+0.2891i	2.9286+0.4879i	0.4980-0.6520i
60.4	1.0808+0.3138i	-0.6277+0.2647i	1.9656-0.1712i	2.3822-0.3371i	-0.3835+0.3979i	2.9530+0.4628i	0.4048-0.7636i
60.5	1.0562+0.2982i	-0.6405+0.3094i	1.9178-0.1625i	1.9618+0.5396i	-0.3996+0.4491i	2.9802+0.4168i	0.3647-0.8204i
60.6	1.0642+0.2589i	-0.6725+0.3743i	1.8516-0.1227i	2.0579+0.6387i	-0.4340+0.5326i	2.9320+0.3958i	0.2587-0.8879i
60.7	1.0872+0.2350i	-0.6848+0.4830i	1.8764-0.0299i	1.3448+0.8227i	-0.4415+0.6596i	2.9546+0.4492i	0.2250-0.8976i
60.8	1.0780+0.1759i	-0.6627+0.5908i	1.9293+0.0161i	1.7037+0.2292i	-0.4141+0.7872i	2.9865+0.4656i	0.1076-0.9073i
60.9	1.0648+0.0586i	-0.5781+0.7179i	1.9335-0.0445i	1.7810+0.7322i	-0.2979+0.9318i	3.0107+0.4322i	-0.0234-0.9861i
61.0	1.0218+0.0362i	-0.4995+0.7468i	1.9156+0.0389i	1.6019+0.4702i	-0.2135+0.9587i	3.0647+0.4677i	-0.1653-0.9160i
61.1	1.0257-0.0308i	-0.4666+0.7917i	1.9839+0.0870i	1.9398+0.6013i	-0.1527+1.0220i	3.1511+0.4644i	-0.2083-0.8828i
61.2	1.0119-0.0867i	-0.4855+0.8622i	2.0190+0.1206i	1.7944+0.7184i	-0.1613+1.0903i	3.2149+0.4357i	-0.2861-0.8527i
61.3	0.9597-0.1217i	-0.3999+0.9093i	2.0354+0.1513i	1.8807+0.6423i	-0.0596+1.1466i	3.2776+0.3893i	-0.4305-0.8080i
61.4	0.9297-0.1344i	-0.3300+0.9333i	2.0272+0.1779i	1.8585+0.6922i	0.0121+1.1520i	3.2804+0.3895i	-0.5393-0.7369i
61.5	0.8973-0.1940i	-0.2985+0.9912i	2.1070+0.2363i	1.8434+0.6341i	0.0688+1.2294i	3.3281+0.4196i	-0.5893-0.6938i
61.6	0.8553-0.2593i	-0.2049+1.0812i	2.1980+0.2150i	1.9470+0.5561i	0.1837+1.3131i	3.4048+0.3360i	-0.6871-0.6549i
61.7	0.8160-0.2794i	-0.1394+1.1173i	2.2878+0.2387i	2.0213+0.4423i	0.2727+1.3637i	3.4867+0.3042i	-0.7473-0.5815i
61.8	0.7127-0.3287i	-0.0370+1.1732i	2.3784+0.2476i	2.2287+0.5504i	0.4145+1.4165i	3.5153+0.3324i	-0.7805-0.5942i
61.9	0.6349-0.3285i	0.0755+1.1917i	2.4789+0.2623i	2.0836+0.5836i	0.5288+1.4370i	3.5676+0.3355i	-0.8345-0.4803i
62.0	0.5626-0.3420i	0.1672+1.2077i	2.5878+0.2440i	2.0801+0.3907i	0.6580+1.4537i	3.6471+0.3394i	-0.8541-0.4014i
62.1	0.4518-0.3687i	0.3287+1.2636i	2.7148+0.1869i	2.2982+0.2249i	0.8753+1.4940i	3.7804+0.2834i	-0.9380-0.3944i
62.2	0.3905-0.3417i	0.4477+1.2222i	2.7883+0.1833i	2.5044+0.1972i	1.0080+1.4350i	3.8445+0.2512i	-0.9960-0.3123i
62.3	0.3106-0.3145i	0.5598+1.1680i	2.8348+0.0970i	2.5395+0.2380i	1.1506+1.3661i	3.8976+0.2370i	-1.0234-0.3382i

62.4	0.2635−0.2671i	0.6240+1.0966i	2.8925+0.0816i	2.5123+0.1576i	1.2283+1.2760i	3.9768+0.2012i	−1.0780−0.2550i
62.5	0.2538−0.2159i	0.6954+1.0252i	3.0184+0.0612i	2.5692+0.0238i	1.3166+1.1896i	4.0937+0.1701i	−1.1218−0.0961i
62.6	0.1821−0.1872i	0.8005+0.9555i	3.1385−0.0515i	2.6973−0.0260i	1.4629+1.0825i	4.2387+0.0653i	−1.1688−0.0093i
62.7	0.1312−0.1555i	0.8417+0.8961i	3.1735−0.1495i	2.5929−0.0086i	1.5035+0.9954i	4.2931+0.0063i	−1.1666−0.0418i
62.8	0.1223−0.1012i	0.8656+0.8409i	3.1958−0.1828i	2.5057−0.1938i	1.5461+0.9215i	4.3501+0.0158i	−1.2184+0.0078i
62.9	0.1087−0.0266i	0.9054+0.7856i	3.2584−0.1849i	2.6424−0.3126i	1.5964+0.8519i	4.4677+0.0087i	−1.2797+0.1520i
63.0	0.0950+0.0126i	0.9208+0.7186i	3.3588−0.2620i	2.6451−0.2385i	1.6283+0.7540i	4.6383−0.0765i	−1.2889+0.2790i
63.1	0.0767+0.1013i	0.9656+0.6022i	3.3587−0.2821i	2.4732−0.4875i	1.6743+0.6191i	4.7422−0.1483i	−1.4311+0.4087i
63.2	0.0505+0.1575i	1.0122+0.5442i	3.3669−0.3340i	2.5416−0.7353i	1.7214+0.5373i	4.7699−0.1995i	−1.4979+0.5250i
63.3	0.0643+0.1658i	1.0539+0.4897i	3.5189−0.4769i	2.7575−0.7987i	1.7704+0.4575i	4.9809−0.3570i	−1.4300+0.5561i
63.4	0.0731+0.2402i	1.0277+0.3971i	3.5873−0.5101i	2.7272−0.6749i	1.7629+0.3268i	5.1174−0.4626i	−1.3673+0.6748i
63.5	0.1112+0.3169i	0.9823+0.3067i	3.7134−0.6110i	2.4858−0.8901i	1.7462+0.2055i	5.3150−0.6506i	−1.3716+0.8392i
63.6	0.1136+0.3469i	1.0057+0.2779i	3.7555−0.7032i	2.5030−1.0394i	1.7662+0.1562i	5.3867−0.8266i	−1.3682+0.9274i
63.7	0.1352+0.3983i	1.0007+0.2199i	3.7625−0.6689i	2.3621−1.0955i	1.7508+0.1017i	5.4476−0.8417i	−1.3797+1.0503i
63.8	0.1765+0.4633i	0.9662+0.1580i	3.7631−0.8299i	2.2670−1.2604i	1.6915−0.0050i	5.4529−1.0935i	−1.3370+1.1224i
63.9	0.2296+0.5426i	0.8860+0.0861i	3.7817−0.8492i	2.1817−1.4064i	1.6081−0.1047i	5.4902−1.2516i	−1.4205+1.2594i
64.0	0.2781+0.5501i	0.8646+0.0786i	3.9806−0.9710i	2.2879−1.4140i	1.6090−0.1477i	5.7507−1.4731i	−1.3624+1.4238i
64.1	0.3075+0.5971i	0.8903+0.0155i	4.0859−0.9904i	2.0877−1.4880i	1.6400−0.2182i	5.8794−1.6507i	−1.4277+1.5985i
64.2	0.3096+0.6302i	0.8897+0.0127i	4.0353−1.1062i	2.0778−1.6195i	1.6128−0.2517i	5.7999−1.8443i	−1.4009+1.6555i
64.3	0.3671+0.6427i	0.9085−0.0573i	4.1335−1.1980i	1.9587−1.6692i	1.6343−0.3310i	5.8855−2.0237i	−1.3945+1.8326i
64.4	0.4205+0.6816i	0.8733−0.1738i	4.1650−1.3824i	2.0645−1.8236i	1.5910−0.4743i	5.8260−2.3543i	−1.2899+2.0065i
64.5	0.4668+0.7244i	0.8384−0.1347i	4.2236−1.5877i	1.8999−1.6917i	1.5649−0.4836i	5.8820−2.6805i	−1.2636+2.1261i
64.6	0.5360+0.7807i	0.7655−0.1974i	4.3121−1.5373i	1.7889−1.8913i	1.4903−0.5376i	5.9603−2.7749i	−1.3415+2.4275i
64.7	0.5835+0.7848i	0.6790−0.2185i	4.3224−1.8063i	1.8029−1.9992i	1.4038−0.5973i	5.8492−3.1369i	−1.1268+2.5638i
64.8	0.6498+0.8466i	0.6808−0.2583i	4.3557−1.9535i	1.8226−2.0457i	1.3755−0.6631i	5.8027−3.4225i	−1.0989+2.8071i
64.9	0.7121+0.8366i	0.6315−0.2636i	4.3426−2.1218i	1.6213−2.0162i	1.3180−0.7056i	5.6270−3.6620i	−0.8574+2.9771i
65.0	0.8236+0.8689i	0.5346−0.2580i	4.3253−2.2685i	1.4169−2.1757i	1.2123−0.7315i	5.4506−3.8951i	−0.6438+3.1902i
65.1	0.9405+0.9146i	0.5058−0.2857i	4.4166−2.4009i	1.4211−2.2797i	1.1687−0.7713i	5.4406−4.1056i	−0.4827+3.4023i
65.2	1.0144+0.9329i	0.4584−0.2884i	4.4728−2.6164i	1.3596−2.3349i	1.1167−0.7990i	5.4040−4.3367i	−0.3361+3.5138i
65.3	1.0934+0.8742i	0.4527−0.2712i	4.2935−2.8299i	1.0826−2.3291i	1.0928−0.8130i	5.0384−4.5519i	−0.0411+3.5697i
65.4	1.2143+0.8567i	0.4188−0.2646i	4.1791−2.8355i	0.9489−2.4200i	1.0172−0.7925i	4.7814−4.5508i	0.0754+3.7212i
65.5	1.3384+0.7922i	0.4006−0.2336i	4.1457−3.0024i	0.8376−2.4290i	0.9774−0.7699i	4.5825−4.6585i	0.3468+3.8854i
65.6	1.4027+0.7322i	0.3653−0.1841i	3.9579−3.1766i	0.6982−2.4654i	0.9085−0.7532i	4.2437−4.7622i	0.6998+3.8786i
65.7	1.5404+0.7275i	0.3734−0.1686i	3.9716−3.3239i	0.5757−2.4836i	0.9056−0.7568i	4.1880−4.9424i	0.9129+4.1007i
65.8	1.6620+0.6892i	0.4197−0.1513i	3.9751−3.3987i	0.4889−2.5214i	0.9387−0.7567i	4.1530−4.9581i	1.1646+4.1954i
65.9	1.7213+0.6462i	0.3708−0.1231i	3.8517−3.3999i	0.3244−2.3697i	0.8791−0.7204i	4.0092−4.7966i	1.4274+4.1099i
66.0	1.8767+0.5579i	0.3226−0.1673i	3.7565−3.5596i	0.0226−2.5537i	0.8028−0.7858i	3.7945−5.0094i	1.8735+4.2696i
66.1	1.9747+0.4504i	0.4288−0.1453i	3.6395−3.5775i	0.0782−2.4495i	0.8793−0.7788i	3.7416−4.9643i	2.0793+4.1257i
66.2	2.1056+0.3272i	0.4894−0.1817i	3.5664−3.6354i	−0.1247−2.3535i	0.9100−0.8147i	3.6391−5.0364i	2.3779+4.1069i
66.3	2.2442+0.1608i	0.5887−0.2730i	3.6054−3.7864i	−0.2292−2.3192i	0.9852−0.9219i	3.6596−5.1782i	2.6274+4.1208i
66.4	2.3740−0.0313i	0.6007−0.2995i	3.6239−3.8123i	−0.3715−2.1146i	0.9637−0.9335i	3.5725−5.1776i	2.9928+4.0460i
66.5	2.4482−0.2645i	0.5441−0.3083i	3.6066−3.9839i	−0.5571−1.9462i	0.8949−0.9545i	3.4105−5.2953i	3.4432+3.9672i
66.6	2.4058−0.4860i	0.5447−0.3798i	3.4929−4.0209i	−0.6776−1.8310i	0.8763−1.0073i	3.3056−5.2310i	3.5889+3.7092i
66.7	2.3516−0.6621i	0.5390−0.5149i	3.4418−3.9766i	−0.5638−1.6721i	0.8537−1.1041i	3.2773−5.1208i	3.6779+3.5901i
66.8	2.3093−0.9075i	0.4342−0.6509i	3.4173−4.1762i	−0.6162−1.5319i	0.7656−1.2374i	3.2398−5.2812i	4.1140+3.4721i
66.9	2.2526−1.1329i	0.3480−0.7368i	3.3326−4.3418i	−0.6949−1.5006i	0.6517−1.3211i	3.1053−5.4342i	4.4637+3.3298i
67.0	2.2082−1.2775i	0.2450−0.7269i	3.3636−4.4761i	−0.6978−1.4610i	0.5556−1.3338i	3.1720−5.5795i	4.7263+3.2196i
67.1	2.0607−1.4589i	0.1186−0.7600i	3.2445−4.6185i	−0.7131−1.2972i	0.4255−1.3526i	3.0356−5.6638i	5.1028+2.9413i
67.2	1.8577−1.6448i	0.0350−0.8259i	3.0314−4.6926i	−0.6832−1.2684i	0.3073−1.4099i	2.8508−5.7294i	5.3668+2.5721i
67.3	1.6669−1.8088i	−0.1474−0.8943i	2.8416−4.7946i	−0.6258−1.1288i	0.1258−1.4589i	2.6090−5.8361i	5.7268+2.2778i
67.4	1.5457−1.9453i	−0.3050−0.8383i	2.7750−4.9200i	−0.7199−1.0114i	−0.0176−1.4175i	2.4725−5.9640i	6.1485+2.0784i
67.5	1.4356−1.9959i	−0.3511−0.6964i	2.6937−4.9352i	−0.6678−0.9939i	−0.0809−1.2688i	2.3926−6.0064i	6.2122+1.7256i
67.6	1.3418−2.0020i	−0.4806−0.6851i	2.6971−4.9146i	−0.6894−0.8829i	−0.1835−1.2621i	2.3933−6.0701i	6.3330+1.5872i
67.7	1.1827−2.0552i	−0.6143−0.6602i	2.5775−4.9774i	−0.7033−0.8439i	−0.3422−1.2329i	2.2088−6.1454i	6.6480+1.1384i
67.8	0.9694−2.1638i	−0.8249−0.5990i	2.4587−5.1371i	−0.6736−0.7573i	−0.5261−1.1781i	1.9646−6.3175i	6.9737+0.6736i
67.9	0.7857−2.1666i	−0.9177−0.5340i	2.3525−5.0725i	−0.6279−0.6135i	−0.6136−1.0904i	1.7601−6.2465i	6.9998+0.2376i
68.0	0.7234−2.1303i	−0.9417−0.3226i	2.3300−5.0791i	−0.6568−0.6202i	−0.6401−0.9097i	1.7163−6.2177i	6.9235−0.1253i
68.1	0.5342−2.2062i	−1.0854−0.0916i	2.1700−5.2517i	−0.6572−0.5662i	−0.7937−0.7075i	1.3716−6.3438i	7.1472−0.7300i
68.2	0.2931−2.1489i	−1.0937+0.1278i	1.9295−5.2786i	−0.6080−0.4633i	−0.8183−0.5012i	1.0257−6.2286i	6.9907−1.3505i
68.3	0.1751−2.1376i	−1.1514+0.3038i	1.8633−5.4205i	−0.5460−0.4769i	−0.8787−0.3558i	0.8840−6.2811i	7.0985−1.7258i
68.4	0.0835−2.0958i	−1.1282+0.5089i	1.8678−5.5168i	−0.5289−0.4079i	−0.8427−0.1799i	0.8756−6.2902i	7.1705−2.0874i
68.5	−0.0841−1.9954i	−1.1412+0.6943i	1.6293−5.5273i	−0.5264−0.3928i	−0.8879−0.0009i	0.5258−6.1490i	7.0701−2.6499i
68.6	−0.1782−1.9104i	−1.0822+0.9937i	1.4997−5.5332i	−0.4406−0.3301i	−0.8562+0.3017i	0.3493−5.9952i	6.9333−3.2713i

68.7	-0.2319-1.8603i	-0.8858+1.0899i	1.4560-5.5713i	-0.4171-0.2874i	-0.6701+0.3631i	0.3525-6.0061i	6.5735-3.5513i
68.8	-0.3101-1.7851i	-0.8839+1.1843i	1.3159-5.5602i	-0.4304-0.2144i	-0.6869+0.4528i	0.1884-5.9196i	6.4630-3.8175i
68.9	-0.3629-1.7450i	-0.6856+1.3551i	1.2331-5.5570i	-0.4153-0.1331i	-0.5092+0.6498i	0.1209-5.7737i	6.2443-4.2866i
69.0	-0.4206-1.6919i	-0.4074+1.4259i	1.1487-5.6117i	-0.3649-0.1456i	-0.2558+0.6965i	0.1133-5.7220i	5.8272-4.6245i
69.1	-0.5229-1.6194i	-0.2633+1.4959i	0.9970-5.7242i	-0.2992-0.0642i	-0.1342+0.7470i	-0.0066-5.7117i	5.5458-5.0853i
69.2	-0.5915-1.5697i	-0.0900+1.5248i	0.9173-5.7737i	-0.3167-0.0341i	0.0268+0.7736i	-0.0309-5.6728i	5.2561-5.4491i
69.3	-0.6178-1.4973i	-0.0189+1.5264i	0.7752-5.7243i	-0.2629-0.0659i	0.0885+0.7891i	-0.1445-5.5373i	5.0058-5.5196i
69.4	-0.6683-1.4446i	0.0734+1.5371i	0.5800-5.7687i	-0.1767-0.0146i	0.1499+0.7957i	-0.2782-5.5074i	4.6543-5.9106i
69.5	-0.7418-1.3671i	0.3356+1.4683i	0.3713-5.8221i	-0.0729-0.0058i	0.3759+0.7287i	-0.3634-5.4965i	4.1443-6.1828i
69.6	-0.7680-1.2969i	0.4504+1.5348i	0.2197-5.7383i	0.0052+0.0599i	0.4674+0.8096i	-0.4826-5.3760i	3.6594-6.4661i
69.7	-0.7990-1.2443i	0.5133+1.6215i	0.0886-5.6353i	0.0554+0.0697i	0.5213+0.8937i	-0.6063-5.1880i	3.2042-6.7359i
69.8	-0.8493-1.2013i	0.5907+1.5529i	-0.0210-5.6783i	0.1244+0.1039i	0.5820+0.8398i	-0.6675-5.1370i	2.9266-6.7413i
69.9	-0.8635-1.1561i	0.6996+1.5240i	-0.0912-5.7466i	0.1006+0.1218i	0.6856+0.8023i	-0.6544-5.1878i	2.5921-6.7656i
70.0	-0.8824-1.0567i	0.9204+1.4741i	-0.3150-5.5800i	0.2213+0.0603i	0.8681+0.7702i	-0.7338-4.9757i	1.9258-6.7087i
70.1	-0.9002-1.0191i	0.9487+1.4961i	-0.4456-5.6342i	0.3206+0.0924i	0.8917+0.7853i	-0.7724-4.9581i	1.6137-6.8726i
70.2	-0.9048-0.9579i	0.9990+1.4247i	-0.6668-5.6910i	0.3011+0.0504i	0.9034+0.7047i	-0.9580-5.0159i	1.3353-6.7866i
70.3	-0.8947-0.9251i	1.1868+1.3436i	-0.7756-5.5688i	0.4308+0.0187i	1.0674+0.6618i	-0.8792-4.8822i	0.8685-6.6951i
70.4	-0.9185-0.8947i	1.3155+1.3452i	-0.8938-5.4714i	0.4854+0.0504i	1.1812+0.6646i	-0.8684-4.8188i	0.5069-6.7000i
70.5	-0.9465-0.8899i	1.5258+1.3513i	-1.0122-5.3418i	0.5200-0.0320i	1.3617+0.7073i	-0.9643-4.6924i	0.1267-6.5347i
70.6	-0.9558-0.8838i	1.5581+1.2713i	-1.0174-5.2597i	0.5640-0.0285i	1.3932+0.6422i	-0.9212-4.6571i	-0.0098-6.2711i
70.7	-0.9910-0.8813i	1.7099+1.3268i	-1.2105-5.2306i	0.5992-0.0456i	1.5189+0.7024i	-1.0039-4.6094i	-0.3471-6.4167i
70.8	-1.0229-0.8168i	1.8349+1.2026i	-1.3378-5.0693i	0.6880-0.0941i	1.6350+0.6076i	-1.0245-4.4997i	-0.7160-6.2094i
70.9	-1.0271-0.7661i	1.9053+1.0562i	-1.3781-4.9181i	0.7381-0.1267i	1.7180+0.4861i	-0.9951-4.4158i	-0.8321-5.9587i
71.0	-1.0575-0.7513i	2.0273+0.9237i	-1.4427-4.8011i	0.7183-0.1315i	1.8231+0.3689i	-1.0055-4.3654i	-0.9651-5.6505i
71.1	-1.1184-0.7307i	2.1595+0.8951i	-1.4935-4.7145i	0.7928-0.1554i	1.9492+0.3614i	-1.0166-4.2752i	-1.0587-5.6321i
71.2	-1.1652-0.6835i	2.2640+0.7674i	-1.4769-4.6051i	0.8747-0.2570i	2.0526+0.2518i	-0.8917-4.2704i	-1.3093-5.5022i
71.3	-1.1509-0.6147i	2.2671+0.5254i	-1.5052-4.5176i	0.8672-0.3424i	2.0667+0.0444i	-0.9174-4.3262i	-1.4013-5.1937i
71.4	-1.2112-0.5959i	2.3883+0.4959i	-1.5319-4.4066i	0.9438-0.3195i	2.1785+0.0376i	-0.9164-4.2183i	-1.4962-5.2052i
71.5	-1.2824-0.5904i	2.5859+0.4164i	-1.5681-4.2908i	0.9893-0.3351i	2.3739-0.0212i	-0.8540-4.1501i	-1.6301-5.2441i
71.6	-1.2974-0.5426i	2.6299+0.2421i	-1.6263-4.2290i	1.0162-0.4429i	2.4233-0.1860i	-0.9026-4.1748i	-1.7422-5.1414i
71.7	-1.2958-0.4471i	2.5604+0.0472i	-1.6277-4.1066i	0.9833-0.4999i	2.3682-0.3559i	-0.9201-4.1617i	-1.8078-4.8853i
71.8	-1.3380-0.3482i	2.5712-0.1976i	-1.6025-4.0305i	0.9590-0.6383i	2.4022-0.5880i	-0.9206-4.1795i	-1.9495-4.6856i
71.9	-1.3689-0.3021i	2.6095-0.3106i	-1.6535-3.8826i	1.0575-0.6818i	2.4413-0.6769i	-0.9354-4.0796i	-2.0366-4.6992i
72.0	-1.4232-0.2799i	2.6732-0.3683i	-1.7106-3.8282i	1.1052-0.6421i	2.5033-0.6998i	-0.9564-4.0638i	-2.0417-4.8579i
72.1	-1.4956-0.1507i	2.6936-0.6409i	-1.6750-3.7372i	1.0908-0.7771i	2.5511-0.9604i	-0.9721-4.1193i	-2.3236-4.7743i
72.2	-1.4965-0.0824i	2.6080-0.7972i	-1.6023-3.7260i	1.0588-0.8732i	2.4852-1.1213i	-0.9728-4.1776i	-2.3759-4.6174i
72.3	-1.4726+0.0214i	2.4955-0.9644i	-1.5908-3.7203i	1.0634-0.9317i	2.3978-1.2937i	-1.0199-4.2671i	-2.4709-4.4808i
72.4	-1.4702+0.0966i	2.4535-1.0604i	-1.5889-3.6509i	1.0463-0.9835i	2.3747-1.3801i	-1.0501-4.2182i	-2.5187-4.4238i
72.5	-1.4827+0.1981i	2.4044-1.2962i	-1.4624-3.6506i	1.0601-1.0741i	2.3613-1.6183i	-0.9812-4.2775i	-2.6315-4.3213i
72.6	-1.4842+0.2887i	2.3554-1.4167i	-1.4321-3.5888i	1.0365-1.1486i	2.3365-1.7400i	-1.0368-4.2433i	-2.6668-4.2691i
72.7	-1.4564+0.3414i	2.2581-1.4156i	-1.4904-3.5564i	1.0243-1.1762i	2.2289-1.7435i	-1.1892-4.2078i	-2.6562-4.1959i
72.8	-1.5105+0.4341i	2.2961-1.5770i	-1.4645-3.5082i	1.0745-1.1843i	2.2837-1.9042i	-1.2106-4.1868i	-2.8114-4.2807i
72.9	-1.4595+0.5462i	2.1604-1.7721i	-1.4652-3.4527i	0.9768-1.2986i	2.1653-2.0964i	-1.2581-4.1679i	-2.9875-4.1198i
73.0	-1.3897+0.6152i	2.0222-1.7942i	-1.4229-3.4978i	0.9122-1.3410i	2.0357-2.1316i	-1.2938-4.1980i	-3.0039-3.9738i
73.1	-1.4000+0.7310i	2.0265-1.9740i	-1.3940-3.5140i	0.9599-1.4471i	2.0607-2.3191i	-1.3381-4.2414i	-3.2043-4.0815i
73.2	-1.3283+0.8512i	1.8004-2.1233i	-1.3651-3.5045i	0.8679-1.5476i	1.8763-2.4987i	-1.3544-4.2373i	-3.4158-3.8866i
73.3	-1.2596+0.9228i	1.7339-2.2260i	-1.3927-3.5283i	0.8909-1.5815i	1.8004-2.5899i	-1.4131-4.2556i	-3.4986-3.9140i
73.4	-1.1256+0.9647i	1.4967-2.2687i	-1.3246-3.4467i	0.7281-1.6108i	1.5937-2.6500i	-1.3910-4.1790i	-3.5322-3.7327i
73.5	-1.0218+1.0936i	1.2709-2.4585i	-1.2890-3.3556i	0.6322-1.8047i	1.3977-2.8502i	-1.4258-4.0706i	-3.8593-3.5885i
73.6	-0.9238+1.1514i	1.1207-2.4727i	-1.3441-3.3831i	0.6062-1.8005i	1.2385-2.8863i	-1.5707-4.0100i	-3.9518-3.4753i
73.7	-0.8260+1.1436i	0.9107-2.3802i	-1.2250-3.4365i	0.4915-1.7859i	1.0591-2.8416i	-1.5323-4.0453i	-3.9735-3.1433i
73.8	-0.7806+1.1693i	0.8775-2.4127i	-1.2228-3.3586i	0.5191-1.8385i	1.0525-2.8626i	-1.5147-3.9278i	-4.1120-3.3188i
73.9	-0.7085+1.1085i	0.8119-2.2801i	-1.3161-3.3248i	0.4831-1.7460i	0.9561-2.7656i	-1.6196-3.8069i	-4.0240-3.1970i
74.0	-0.6234+1.1109i	0.6418-2.2961i	-1.3120-3.4167i	0.3494-1.8355i	0.7925-2.8176i	-1.6923-3.8660i	-4.2244-2.9316i
74.1	-0.6083+1.1452i	0.6148-2.3235i	-1.2904-3.4143i	0.4005-1.8873i	0.7873-2.8709i	-1.6546-3.8490i	-4.3832-3.0383i
74.2	-0.5107+1.1337i	0.4955-2.2835i	-1.2830-3.4262i	0.2906-1.8709i	0.6536-2.8612i	-1.6471-3.7858i	-4.4410-2.7225i
74.3	-0.4084+1.1891i	0.3183-2.3469i	-1.2383-3.4509i	0.2098-1.9422i	0.4867-2.9739i	-1.5991-3.7785i	-4.7228-2.4916i
74.4	-0.3887+1.1641i	0.3149-2.2689i	-1.2359-3.4464i	0.1603-1.9497i	0.4620-2.9158i	-1.6236-3.7135i	-4.6718-2.4286i
74.5	-0.3754+1.1413i	0.2899-2.2266i	-1.3082-3.4519i	0.1576-1.9459i	0.4023-2.8870i	-1.6684-3.6798i	-4.6972-2.3186i
74.6	-0.3711+1.1974i	0.1970-2.3080i	-1.1642-3.4664i	0.0393-2.0597i	0.3216-3.0247i	-1.5279-3.6508i	-5.0565-2.2074i
74.7	-0.4081+1.1816i	0.2780-2.2612i	-1.1921-3.4955i	0.0841-2.0573i	0.3875-2.9941i	-1.5348-3.6501i	-4.8625-2.1909i
74.8	-0.3886+1.2168i	0.2477-2.2971i	-1.2365-3.5220i	0.0308-2.0410i	0.3199-3.0231i	-1.5333-3.6836i	-4.8426-2.0851i
74.9	-0.3380+1.2913i	0.1212-2.3310i	-1.2259-3.5439i	-0.0956-2.1106i	0.1775-3.1015i	-1.5526-3.7000i	-5.0497-1.8089i

75.0	-0.3330+1.3227i	0.1084-2.3509i	-1.1979-3.5028i	-0.1228-2.1159i	0.1604-3.1218i	-1.5101-3.6173i	-5.0288-1.8361i
75.1	-0.2399+1.3520i	-0.0574-2.3695i	-1.2457-3.4831i	-0.2222-2.0953i	-0.0576-3.1414i	-1.5027-3.6018i	-5.1005-1.4524i
75.2	-0.1501+1.4157i	-0.1679-2.4322i	-1.3327-3.6136i	-0.3512-2.1191i	-0.2051-3.2358i	-1.6074-3.7158i	-5.2453-1.2306i
75.3	-0.1177+1.4205i	-0.1754-2.4354i	-1.3740-3.6631i	-0.3718-2.1679i	-0.2381-3.2381i	-1.6541-3.7595i	-5.2553-1.1969i
75.4	-0.0474+1.4545i	-0.3003-2.4068i	-1.3569-3.6625i	-0.4620-2.0885i	-0.3782-3.2078i	-1.6551-3.7596i	-5.1553-0.9273i
75.5	0.0458+1.5086i	-0.4294-2.4756i	-1.3877-3.6237i	-0.5603-2.1766i	-0.5290-3.2746i	-1.6479-3.7010i	-5.3446-0.8717i
75.6	0.0739+1.5319i	-0.4841-2.4537i	-1.3310-3.7112i	-0.6488-2.1240i	-0.6006-3.2746i	-1.5944-3.7874i	-5.3623-0.7203i
75.7	0.1600+1.5882i	-0.6006-2.4928i	-1.3608-3.7222i	-0.7185-2.1610i	-0.7258-3.3157i	-1.6596-3.7690i	-5.4804-0.5951i
75.8	0.2980+1.6174i	-0.7544-2.5274i	-1.4395-3.7098i	-0.8279-2.1700i	-0.9043-3.3405i	-1.7299-3.7139i	-5.5914-0.3486i
75.9	0.4484+1.6036i	-0.9272-2.4239i	-1.5319-3.8027i	-0.8910-2.0607i	-1.1219-3.2450i	-1.8070-3.7661i	-5.4241-0.0655i
76.0	0.4868+1.6405i	-0.9925-2.4668i	-1.4640-3.8235i	-0.9850-2.1046i	-1.1908-3.2895i	-1.7227-3.7537i	-5.5696-0.0014i
76.1	0.5833+1.6922i	-1.1031-2.5120i	-1.5232-3.8933i	-1.0493-2.1675i	-1.3103-3.3539i	-1.7543-3.7985i	-5.7593+0.1205i
76.2	0.6884+1.6147i	-1.2267-2.4117i	-1.5633-3.8660i	-1.1233-2.1047i	-1.4498-3.2469i	-1.7543-3.7352i	-5.6501+0.2239i
76.3	0.7791+1.5949i	-1.3553-2.3604i	-1.5928-3.8315i	-1.1921-2.0879i	-1.5887-3.1915i	-1.7550-3.6632i	-5.6749+0.3913i
76.4	0.8934+1.5521i	-1.4937-2.2269i	-1.6464-3.8841i	-1.3110-1.9463i	-1.7730-3.0656i	-1.8158-3.7117i	-5.5928+0.7412i
76.5	0.9030+1.5590i	-1.4116-2.2365i	-1.6437-3.9054i	-1.2171-1.9351i	-1.6912-3.0846i	-1.8120-3.6843i	-5.4311+0.5910i
76.6	1.0337+1.4862i	-1.5787-2.1717i	-1.7389-3.8551i	-1.3656-1.8638i	-1.8914-2.9972i	-1.7998-3.5943i	-5.4534+0.8822i
76.7	1.1347+1.4028i	-1.7413-2.0009i	-1.7514-3.9526i	-1.4822-1.7771i	-2.0653-2.8392i	-1.7450-3.7392i	-5.3712+1.2330i
76.8	1.2529+1.3672i	-1.8267-1.9406i	-1.8333-3.9993i	-1.5210-1.7102i	-2.1829-2.7880i	-1.8257-3.7601i	-5.4052+1.4315i
76.9	1.3101+1.2999i	-1.8509-1.8748i	-1.8626-3.9153i	-1.5456-1.7020i	-2.2084-2.6977i	-1.8278-3.6379i	-5.4167+1.4652i
77.0	1.4307+1.2132i	-1.9625-1.7144i	-1.9530-3.9984i	-1.5783-1.6057i	-2.3596-2.5477i	-1.8731-3.7362i	-5.2771+1.6794i
77.1	1.4988+1.1795i	-2.0615-1.6680i	-2.0251-4.0172i	-1.6726-1.5282i	-2.4829-2.5041i	-1.8909-3.7403i	-5.2931+1.9089i
77.2	1.5181+1.0803i	-2.0777-1.5160i	-1.9670-4.0135i	-1.6995-1.4550i	-2.5007-2.3505i	-1.7489-3.7590i	-5.1174+2.0502i
77.3	1.5982+1.0013i	-2.1231-1.4101i	-2.0633-4.0123i	-1.7150-1.3845i	-2.5865-2.2438i	-1.7724-3.8066i	-5.0093+2.2585i
77.4	1.6184+0.9419i	-2.1441-1.3387i	-2.0703-4.0568i	-1.7549-1.3723i	-2.6034-2.1698i	-1.7446-3.8997i	-4.9776+2.2357i
77.5	1.7090+0.8574i	-2.2495-1.2206i	-2.2100-4.1015i	-1.8277-1.3109i	-2.7618-2.0351i	-1.8434-3.9647i	-5.0349+2.5039i
77.6	1.8097+0.8198i	-2.3352-1.2021i	-2.3405-4.0057i	-1.9122-1.2576i	-2.8765-2.0014i	-1.9127-3.9030i	-5.1890+2.7255i
77.7	1.8174+0.6670i	-2.2797-1.0258i	-2.2398-3.9910i	-1.8156-1.1746i	-2.8200-1.8194i	-1.8075-3.9575i	-4.8406+2.8647i
77.8	1.8025+0.5444i	-2.2582-0.8801i	-2.3604-3.9603i	-1.8201-1.0707i	-2.8239-1.6600i	-1.9155-3.9614i	-4.6738+2.9258i
77.9	1.8483+0.5412i	-2.3032-0.8804i	-2.2904-4.0044i	-1.8453-1.0753i	-2.8694-1.6593i	-1.8114-4.0824i	-4.7362+3.0452i
78.0	1.8984+0.4930i	-2.3857-0.8043i	-2.2883-4.0736i	-1.9008-1.0236i	-2.9655-1.6070i	-1.7507-4.2080i	-4.7540+3.2789i
78.1	1.8380+0.3940i	-2.2659-0.6742i	-2.4278-4.0929i	-1.8156-0.9613i	-2.8815-1.4722i	-1.9306-4.2755i	-4.3742+3.2720i
78.2	1.9230+0.3260i	-2.3211-0.6391i	-2.6089-4.1418i	-1.8754-0.9008i	-3.0035-1.4192i	-2.1236-4.3875i	-4.4158+3.4795i
78.3	1.9728+0.2626i	-2.3686-0.5668i	-2.6948-4.1826i	-1.9662-0.9163i	-3.0665-1.3518i	-2.1960-4.4441i	-4.6023+3.6271i
78.4	2.0125+0.1838i	-2.3852-0.4656i	-2.6827-4.1661i	-1.9103-0.8235i	-3.1043-1.2624i	-2.1926-4.5243i	-4.4787+3.8720i
78.5	2.0053+0.0838i	-2.3611-0.3643i	-2.6178-4.0970i	-1.8791-0.7390i	-3.0857-1.1157i	-2.1825-4.5249i	-4.2147+4.0449i
78.6	2.0009-0.0592i	-2.3733-0.2370i	-2.7817-3.9559i	-1.8751-0.6643i	-3.1295-0.9457i	-2.4111-4.4117i	-3.8972+4.1888i
78.7	2.0277-0.1286i	-2.3751-0.2002i	-2.8749-3.8270i	-1.8939-0.6180i	-3.1861-0.8458i	-2.5227-4.2843i	-3.9173+4.3475i
78.8	2.0184-0.2678i	-2.3209-0.0394i	-2.7298-3.7905i	-1.8408-0.4847i	-3.1230-0.6723i	-2.4260-4.3057i	-3.6396+4.6835i
78.9	2.0135-0.4265i	-2.2851+0.0990i	-2.7485-3.5811i	-1.8511-0.3828i	-3.1051-0.4586i	-2.5027-4.1027i	-3.3612+4.8404i
79.0	1.7145-0.4355i	-2.0859+0.1513i	-1.8221-3.7703i	-1.7195-0.4122i	-2.7329-0.4789i	-1.5321-4.2623i	-2.9747+4.6629i
79.1	1.9928-0.1868i	-2.2143-0.0323i	-2.2197-5.1444i	-1.7535-0.5691i	-3.0818-0.8949i	-1.9687-5.8455i	-3.2502+4.7278i
79.2	2.1454-0.4140i	-2.3320+0.0365i	-2.9920-4.8284i	-1.8570-0.4883i	-3.3282-0.6422i	-2.8845-5.4317i	-3.2658+4.7841i
79.3	2.0098-0.6958i	-2.2775+0.2762i	-3.0457-4.2908i	-1.8606-0.3084i	-3.2379-0.2194i	-2.9574-4.8146i	-2.8101+5.0376i
79.4	2.0002-0.7881i	-2.2942+0.3924i	-3.0877-4.3038i	-1.8830-0.2475i	-3.2626-0.0611i	-2.9931-4.8831i	-2.7065+5.3722i
79.5	1.9728-0.8297i	-2.2933+0.4294i	-3.1067-4.3094i	-1.8593-0.2339i	-3.2304+0.0097i	-3.0185-4.8310i	-2.5743+5.3887i
79.6	1.9054-0.9791i	-2.2308+0.5977i	-3.1808-4.2290i	-1.8427-0.1315i	-3.1478+0.2411i	-3.1325-4.7595i	-2.1486+5.5135i
79.7	1.8274-1.0612i	-2.1392+0.6614i	-3.1544-4.2551i	-1.7396-0.0957i	-3.0207+0.3359i	-3.1171-4.7577i	-1.8965+5.6487i
79.8	1.7691-1.0726i	-2.1012+0.6519i	-3.1950-4.4588i	-1.7280-0.1116i	-2.9468+0.3227i	-3.1878-4.9585i	-1.5712+5.5410i
79.9	1.6830-1.1272i	-2.0297+0.7439i	-3.3117-4.4952i	-1.6794-0.0960i	-2.8486+0.4389i	-3.3019-4.9692i	-1.1923+5.4112i
80.0	1.6785-1.1869i	-2.0357+0.8097i	-3.4259-4.6830i	-1.6747-0.0546i	-2.8376+0.4886i	-3.4424-5.1597i	-0.9491+5.3834i

2.1.7 Run 1 – IP000-200 – Accels 1–8

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	10.1315+0.0000i	5.9783+0.0000i	15.6944+0.0000i	22.5228+0.0000i	0.2287+0.0000i	16.2322+0.0000i	9.5837+0.0000i	12.4537+0.0000i
0.1	2.1545-3.1910i	1.0600+0.0597i	1.5153-0.1468i	0.4343+0.1490i	2.8003+1.6640i	0.7769-0.9620i	0.0895+3.9713i	-1.3363+0.8142i
0.2	0.4110+0.9831i	0.1347-0.3024i	0.0036-1.0666i	0.2661-0.2720i	-2.7166-0.0614i	-3.2593-3.3960i	0.4950-0.2173i	1.8176-1.4325i
0.3	-0.3988+0.0114i	-0.1854-0.3077i	-0.0082-0.4231i	-0.3981-0.8120i	0.4051+0.3678i	0.6311+2.0958i	-0.1864-0.5923i	0.5219-1.2222i
0.4	-0.5642+0.0881i	-0.6052+0.0875i	-0.4958+0.0023i	-1.2392-0.2669i	-0.2426-0.8236i	1.0747-2.0837i	1.2026-1.7527i	0.8763+0.2474i
0.5	0.1467+0.5120i	-0.1016+0.6076i	-0.5792+0.4421i	-0.5388+0.4766i	-0.1076+0.0263i	-1.9755+0.1341i	-0.1615-1.0518i	-0.5318-0.5445i
0.6	-0.5221+0.9976i	-0.5599+0.5137i	-0.6132+0.4312i	-0.7948+0.5412i	-0.3823+0.4382i	-1.0469+0.1850i	-0.0212+0.7196i	0.0390-0.6124i
0.7	-0.5027-0.1072i	-0.0959+0.1068i	-0.2029-0.2064i	-0.2573-0.1814i	-0.1089-0.2101i	-0.2840-0.6948i	-0.2807-0.1622i	0.1708-0.0158i
0.8	0.1006-0.0892i	0.1581-0.0147i	-0.0228-0.0520i	0.0151-0.0159i	-0.0385+0.0284i	0.0859+0.2018i	0.0588+0.0495i	-0.0259+0.0231i
0.9	0.2258-0.0282i	0.1655+0.0842i	-0.0207+0.0338i	-0.0503+0.0075i	-0.1501-0.0304i	-0.1940-0.0201i	-0.1400-0.0111i	-0.1072-0.0553i
1.0	0.0303-0.2589i	0.2488+0.0296i	0.0169+0.0340i	0.0224-0.0144i	-0.0805-0.0285i	0.0037-0.0226i	0.0382-0.0347i	-0.0762-0.0131i
1.1	0.1520-0.0037i	0.2745+0.0297i	0.0550+0.0121i	-0.0043-0.0055i	-0.1116-0.0183i	0.0274-0.0119i	-0.0170-0.0205i	-0.1062+0.0011i
1.2	0.1927+0.0584i	0.3194+0.0214i	0.0714-0.0455i	-0.0025-0.0082i	-0.1519+0.0002i	0.0131+0.0052i	0.0113+0.0023i	-0.1558-0.0236i
1.3	0.3867+0.0180i	0.4041+0.0123i	-0.0154-0.0289i	-0.0081-0.0204i	-0.2409-0.0015i	-0.0409-0.0144i	-0.0312-0.0135i	-0.2871-0.0315i
1.4	0.4568+0.0397i	0.4818+0.0317i	-0.0084-0.0036i	-0.0059-0.0107i	-0.2708-0.0265i	-0.0136-0.0101i	-0.0116-0.0167i	-0.3035-0.0086i
1.5	0.5567+0.0267i	0.5924+0.0255i	-0.0550+0.0423i	-0.0033-0.0080i	-0.3376-0.0168i	-0.0350-0.0190i	-0.0137-0.0062i	-0.5073+0.1295i
1.6	0.6760+0.0356i	0.7044+0.0348i	0.0655+0.0492i	-0.0059-0.0001i	-0.4187-0.0090i	-0.0612+0.0000i	-0.0179+0.0022i	-0.2941+0.0666i
1.7	0.8280+0.0523i	0.8577+0.0460i	0.0353+0.0292i	-0.0112+0.0015i	-0.5427-0.0225i	-0.0825+0.0122i	-0.0309-0.0046i	-0.4888-0.0083i
1.8	1.0572+0.0455i	1.0850+0.0360i	0.0231+0.0345i	-0.0217+0.0030i	-0.7202-0.0087i	-0.1017+0.0238i	-0.0338-0.0001i	-0.6710-0.0080i
1.9	1.3533+0.0385i	1.3823+0.0256i	0.0126+0.0609i	-0.0303-0.0029i	-0.9675-0.0019i	-0.1451+0.0596i	-0.0496+0.0007i	-0.9112-0.0107i
2.0	1.8747+0.0198i	1.8991+0.0041i	0.0094+0.1388i	-0.0419+0.0020i	-1.4089+0.0224i	-0.2051+0.1411i	-0.0716+0.0011i	-1.3356+0.0015i
2.1	2.8231-0.0782i	2.8363-0.1083i	0.2080+0.5388i	-0.0701-0.0019i	-2.2461+0.1056i	-0.0841+0.5567i	-0.0997+0.0020i	-2.1965+0.0091i
2.2	5.3946-0.9020i	5.3713-0.9287i	1.0867-0.0950i	-0.1512+0.0259i	-4.5970+0.9489i	0.4890-0.0090i	-0.2275+0.0511i	-4.6134+0.9089i
2.3	1.4989-15.9349i	1.3990-15.7685i	-0.0022-1.9725i	0.0004+0.4319i	-0.7196+14.5757i	-0.2769-0.1290i	-0.1221+0.5652i	-0.7115+14.4952i
2.4	-4.7178-1.7802i	-4.6165-1.7176i	-0.4716-0.1441i	0.1537+0.0571i	4.7550+1.5536i	0.0866+0.0704i	0.1851+0.0605i	4.6967+1.5701i
2.5	-2.5412-0.6379i	-2.4453-0.6108i	-0.2161-0.0312i	0.0817+0.0236i	2.7679+0.5515i	0.0978+0.0482i	0.0897+0.0347i	2.7438+0.5558i
2.6	-1.6814-0.3323i	-1.5840-0.3141i	-0.1250-0.0134i	0.0589+0.0110i	2.0111+0.2899i	0.0933+0.0311i	0.0561+0.0149i	1.9987+0.2951i
2.7	-1.2005-0.2372i	-1.1020-0.2201i	-0.0800-0.0044i	0.0433+0.0076i	1.6069+0.2068i	0.0843+0.0240i	0.0350+0.0085i	1.6054+0.2103i
2.8	-0.8911-0.1732i	-0.7902-0.1606i	-0.0530-0.0021i	0.0374+0.0047i	1.3666+0.1538i	0.0768+0.0202i	0.0271+0.0067i	1.3691+0.1559i
2.9	-0.6628-0.1415i	-0.5567-0.1313i	-0.0382-0.0039i	0.0302+0.0039i	1.1983+0.1309i	0.0678+0.0138i	0.0147+0.0070i	1.2090+0.1335i
3.0	-0.4871-0.1178i	-0.3731-0.1099i	-0.0231-0.0039i	0.0279+0.0022i	1.0786+0.1094i	0.0636+0.0149i	0.0060+0.0053i	1.0945+0.1112i
3.1	-0.3415-0.1038i	-0.2221-0.0960i	-0.0124-0.0039i	0.0251+0.0020i	0.9893+0.1001i	0.0588+0.0091i	-0.0020+0.0045i	1.0112+0.1047i
3.2	-0.2181-0.0903i	-0.0927-0.0843i	-0.0038-0.0019i	0.0233+0.0030i	0.9224+0.0915i	0.0564+0.0127i	-0.0083+0.0061i	0.9480+0.0922i
3.3	-0.1123-0.0816i	0.0223-0.0755i	0.0014+0.0002i	0.0196+0.0040i	0.8710+0.0843i	0.0506+0.0094i	-0.0167+0.0044i	0.9038+0.0874i
3.4	-0.0075-0.0700i	0.1329-0.0644i	0.0082-0.0013i	0.0150+0.0029i	0.8236+0.0747i	0.0529+0.0076i	-0.0236+0.0011i	0.8582+0.0779i
3.5	0.0879-0.0524i	0.2396-0.0553i	0.0137-0.0012i	0.0131+0.0010i	0.7866+0.0660i	0.0479+0.0061i	-0.0261+0.0007i	0.8294+0.0686i
3.6	0.1864-0.0600i	0.3465-0.0571i	0.0220-0.0013i	0.0121-0.0013i	0.7559+0.0685i	0.0503+0.0098i	-0.0357+0.0031i	0.8024+0.0697i
3.7	0.2810-0.0552i	0.4510-0.0535i	0.0289-0.0023i	0.0128-0.0007i	0.7230+0.0634i	0.0432+0.0043i	-0.0421+0.0011i	0.7758+0.0675i
3.8	0.3682-0.0518i	0.5488-0.0495i	0.0361-0.0005i	0.0094+0.0042i	0.7001+0.0607i	0.0497+0.0056i	-0.0469+0.0023i	0.7582+0.0644i
3.9	0.4560-0.0499i	0.6480-0.0483i	0.0381-0.0010i	0.0024+0.0032i	0.6780+0.0618i	0.0419+0.0077i	-0.0564+0.0044i	0.7453+0.0641i
4.0	0.5441-0.0411i	0.7448-0.0405i	0.0424+0.0021i	0.0018+0.0022i	0.6597+0.0574i	0.0426+0.0099i	-0.0647+0.0043i	0.7295+0.0618i
4.1	0.6378-0.0453i	0.8529-0.0486i	0.0458-0.0004i	-0.0035+0.0014i	0.6377+0.0558i	0.0337+0.0105i	-0.0748+0.0035i	0.7150+0.0551i
4.2	0.7306-0.0373i	0.9590-0.0359i	0.0548-0.0017i	-0.0049+0.0023i	0.6176+0.0598i	0.0354+0.0108i	-0.0848+0.0048i	0.7062+0.0608i
4.3	0.8229-0.0473i	1.0655-0.0458i	0.0594+0.0006i	-0.0098+0.0023i	0.6117+0.0579i	0.0303+0.0059i	-0.0958+0.0004i	0.7067+0.0581i
4.4	0.9097-0.0524i	1.1650-0.0531i	0.0632+0.0045i	-0.0136+0.0009i	0.5935+0.0644i	0.0321+0.0067i	-0.1025+0.0024i	0.7001+0.0667i
4.5	0.9952-0.0582i	1.2650-0.0564i	0.0784+0.0015i	-0.0172+0.0019i	0.5896+0.0672i	0.0381+0.0084i	-0.1155+0.0031i	0.7038+0.0703i
4.6	1.1020-0.0524i	1.3853-0.0500i	0.0835+0.0023i	-0.0198+0.0035i	0.5738+0.0654i	0.0398+0.0064i	-0.1219+0.0039i	0.6937+0.0668i
4.7	1.2187-0.0570i	1.5181-0.0540i	0.0921+0.0027i	-0.0224+0.0034i	0.5596+0.0683i	0.0342+0.0088i	-0.1404+0.0094i	0.6891+0.0700i
4.8	1.3228-0.0550i	1.6360-0.0556i	0.1000+0.0009i	-0.0279+0.0044i	0.5469+0.0677i	0.0370+0.0047i	-0.1551+0.0007i	0.6846+0.0675i
4.9	1.4298-0.0561i	1.7537-0.0538i	0.1019+0.0074i	-0.0400+0.0093i	0.5428+0.0748i	0.0307+0.0051i	-0.1658+0.0062i	0.7011+0.0730i
5.0	1.5455-0.0690i	1.8894-0.0747i	0.1105+0.0036i	-0.0456+0.0052i	0.5286+0.0768i	0.0320+0.0074i	-0.1864+0.0101i	0.6896+0.0753i
5.1	1.6640-0.0792i	2.0289-0.0785i	0.1186+0.0086i	-0.0540+0.0106i	0.5134+0.0925i	0.0261+0.0143i	-0.2067+0.0108i	0.6954+0.0804i
5.2	1.7998-0.1046i	2.1837-0.1041i	0.1333+0.0049i	-0.0670+0.0081i	0.4982+0.0951i	0.0315+0.0093i	-0.2306+0.0113i	0.7028+0.0886i
5.3	1.9377-0.1223i	2.3467-0.1266i	0.1429+0.0064i	-0.0763+0.0127i	0.4950+0.1066i	0.0387+0.0169i	-0.2506+0.0148i	0.7083+0.0965i
5.4	2.0575-0.1517i	2.4865-0.1652i	0.1456+0.0059i	-0.0932+0.0184i	0.4916+0.1319i	0.0229+0.0283i	-0.2836+0.0285i	0.7284+0.1081i
5.5	2.1956-0.1860i	2.6419-0.1927i	0.1638+0.0058i	-0.1012+0.0203i	0.4824+0.1459i	0.0211+0.0221i	-0.3105+0.0318i	0.7401+0.1221i
5.6	2.3355-0.2299i	2.8058-0.2416i	0.1743+0.0020i	-0.1193+0.0279i	0.4836+0.1715i	0.0276+0.0196i	-0.3421+0.0418i	0.7586+0.1436i

5.7	2.4536-0.2576i	2.9508-0.2688i	0.1817+0.0066i	-0.1460+0.0354i	0.4958+0.1772i	0.0252+0.0287i	-0.3807+0.0503i	0.7855+0.1415i
5.8	2.6272-0.3191i	3.1530-0.3285i	0.2015+0.0011i	-0.1685+0.0503i	0.4792+0.2133i	0.0283+0.0327i	-0.4215+0.0769i	0.7959+0.1609i
5.9	2.7087-0.3729i	3.2550-0.3893i	0.2160+0.0030i	-0.1834+0.0624i	0.5222+0.2283i	0.0372+0.0339i	-0.4450+0.0915i	0.8514+0.1691i
6.0	2.8179-0.3725i	3.3927-0.3881i	0.2377-0.0006i	-0.2106+0.0637i	0.5391+0.2357i	0.0561+0.0356i	-0.4805+0.1021i	0.8768+0.1691i
6.1	2.9627-0.3983i	3.5690-0.4209i	0.2605-0.0099i	-0.2342+0.0709i	0.5670+0.2246i	0.0531+0.0308i	-0.5288+0.1112i	0.9392+0.1498i
6.2	3.1563-0.3873i	3.7933-0.4078i	0.2811-0.0170i	-0.2869+0.0774i	0.5677+0.2376i	0.0663+0.0163i	-0.6067+0.1253i	0.9754+0.1742i
6.3	3.3362-0.4384i	4.0028-0.4736i	0.3012-0.0315i	-0.3457+0.1001i	0.5805+0.2343i	0.0723+0.0214i	-0.6941+0.1485i	1.0195+0.1527i
6.4	3.6182-0.4630i	4.3260-0.5023i	0.3161-0.0472i	-0.4323+0.1257i	0.5756+0.2387i	0.0509+0.0188i	-0.8144+0.1783i	1.0824+0.1410i
6.5	3.8656-0.5097i	4.6144-0.5483i	0.3347-0.0620i	-0.5294+0.1613i	0.5922+0.2473i	0.0405+0.0045i	-0.9558+0.2291i	1.1636+0.1424i
6.6	4.1643-0.6069i	4.9530-0.6554i	0.3653-0.0722i	-0.6485+0.2438i	0.6013+0.2590i	0.0535+0.0001i	-1.1203+0.3249i	1.2448+0.1209i
6.7	4.4327-0.7191i	5.2690-0.7833i	0.3912-0.0892i	-0.7831+0.3475i	0.6469+0.2559i	0.0528+0.0075i	-1.3167+0.4609i	1.3678+0.0715i
6.8	4.8029-0.9056i	5.6976-0.9956i	0.4235-0.1112i	-0.9829+0.5216i	0.6699+0.2585i	0.0484-0.0007i	-1.5831+0.6730i	1.5107-0.0093i
6.9	5.2782-1.2777i	6.2432-1.4100i	0.4737-0.1691i	-1.2645+0.8238i	0.7140+0.2632i	0.0461-0.0042i	-1.9529+1.0697i	1.6972-0.1401i
7.0	5.7653-2.0139i	6.7918-2.2402i	0.5209-0.2477i	-1.5861+1.5382i	0.7529+0.2321i	0.0396-0.0037i	-2.3841+1.9645i	1.9064-0.4745i
7.1	5.6866-3.5731i	6.7289-3.9814i	0.4992-0.4415i	-1.3480+3.0581i	0.8367+0.1883i	0.0469+0.0025i	-2.1063+3.8780i	1.9139-1.1752i
7.2	3.7592-4.1668i	4.5774-4.6526i	0.2334-0.5459i	0.7307+3.8121i	0.8315+0.0587i	0.0306-0.0192i	0.4586+4.8207i	1.0888-1.6064i
7.3	3.3014-3.0069i	4.0759-3.3665i	0.1169-0.3722i	1.7004+2.7215i	0.7099+0.0062i	-0.0065-0.0040i	1.6075+3.4490i	0.6557-1.2039i
7.4	2.6765-2.8300i	3.3810-3.1601i	0.0667-0.2452i	2.5439+2.2516i	0.6328+0.0618i	0.0099+0.0612i	2.6611+2.9153i	0.2417-1.0550i
7.5	2.9293-1.4302i	3.6765-1.5900i	0.1621-0.1290i	2.5281+0.9095i	0.6249+0.0861i	0.0641+0.0320i	2.6289+1.2284i	0.2504-0.4416i
7.6	3.8091-1.1165i	4.6754-1.2336i	0.2515-0.1228i	2.0329+0.4807i	0.6379+0.1142i	0.0571+0.0196i	1.9516+0.7119i	0.5456-0.2588i
7.7	4.3940-1.0714i	5.3436-1.1859i	0.2929-0.1207i	1.7603+0.3634i	0.6434+0.1197i	0.0321+0.0089i	1.5523+0.5813i	0.7496-0.2304i
7.8	4.9958-1.2152i	6.0251-1.3398i	0.3451-0.1446i	1.6269+0.3253i	0.6436+0.1374i	0.0454+0.0090i	1.3326+0.5736i	0.8798-0.2588i
7.9	5.3408-1.5777i	6.4491-1.7359i	0.3733-0.1968i	1.6231+0.3591i	0.6499+0.1456i	0.0296+0.0200i	1.2824+0.6877i	0.9461-0.3705i
8.0	5.3656-1.4871i	6.5081-1.6032i	0.3591-0.1829i	1.7402+0.2125i	0.6525+0.1595i	0.0407-0.0008i	1.4220+0.5021i	0.9116-0.2988i
8.1	5.8808-1.7534i	7.1146-1.9493i	0.3973-0.1945i	1.6119+0.1732i	0.6899+0.1433i	0.0268+0.0252i	1.2102+0.5376i	1.0734-0.4179i
8.2	6.1040-1.7348i	7.3450-1.9061i	0.4015-0.1968i	1.7601+0.1076i	0.6917+0.1451i	0.0431+0.0185i	1.3549+0.4585i	1.0487-0.3900i
8.3	6.5012-1.7622i	7.8481-1.9070i	0.4224-0.1910i	1.8011-0.0086i	0.6980+0.1454i	0.0312+0.0319i	1.3318+0.3304i	1.1422-0.3775i
8.4	7.1134-1.8453i	8.5876-2.0291i	0.4669-0.1985i	1.8471-0.1195i	0.7006+0.1543i	0.0277+0.0208i	1.2790+0.2320i	1.2924-0.3920i
8.5	7.7092-2.1163i	9.2847-2.2857i	0.5246-0.2045i	1.9030-0.2035i	0.6929+0.1403i	0.0250+0.0349i	1.2325+0.1966i	1.4350-0.4681i
8.6	8.5687-2.4989i	10.2922-2.7839i	0.5968-0.2333i	2.0202-0.3322i	0.6932+0.1455i	0.0283+0.0359i	1.2098+0.1532i	1.6457-0.5998i
8.7	9.2216-3.0815i	11.0369-3.4254i	0.6414-0.2849i	2.1717-0.4918i	0.6909+0.1567i	0.0229+0.0495i	1.2711+0.1354i	1.7633-0.7915i
8.8	10.1819-4.1121i	12.1804-4.5899i	0.7204-0.3606i	2.3645-0.8063i	0.6918+0.1545i	0.0433+0.0498i	1.2982+0.0271i	1.9895-1.1000i
8.9	10.4796-5.4692i	12.5472-6.1198i	0.7209-0.4570i	2.4208-1.1879i	0.6837+0.1747i	0.0422+0.0643i	1.3505-0.0677i	1.9856-1.5048i
9.0	10.9401-7.8562i	13.1538-8.8674i	0.7603-0.6283i	2.4903-1.8736i	0.6891+0.2339i	0.0510+0.0837i	1.3483-0.2739i	2.0895-2.1538i
9.1	8.8450-8.2718i	10.7808-9.3694i	0.6666-0.6842i	1.9376-2.0609i	0.7351+0.2154i	0.1032+0.1030i	1.3156-0.3576i	1.3508-2.3216i
9.2	10.8378-10.9586i	13.0811-12.4190i	0.8437-0.8954i	2.3990-2.9220i	0.7274+0.2977i	0.1428+0.0976i	1.3861-0.7079i	1.9256-2.9937i
9.3	6.0013-15.1028i	7.6143-17.1923i	0.4682-1.2454i	0.9454-4.1624i	0.8703+0.3122i	0.2286+0.0481i	0.9777-1.0935i	0.5078-4.2290i
9.4	0.3541-13.0996i	1.2062-14.9389i	-0.0147-1.1283i	-0.8070-3.6685i	0.9652+0.2336i	0.2168-0.0544i	0.4197-0.9964i	-1.1816-3.7163i
9.5	-1.4983-8.9778i	-0.9010-10.2464i	-0.1939-0.8098i	-1.4766-2.5174i	0.9715+0.1480i	0.1602-0.0949i	0.1848-0.6937i	-1.8173-2.5507i
9.6	-0.9193-5.8760i	-0.2207-6.7187i	-0.1595-0.5740i	-1.4465-1.6471i	0.9411+0.0962i	0.1163-0.1003i	0.1698-0.4537i	-1.7898-1.6590i
9.7	0.2068-4.1630i	1.0864-4.7762i	-0.0667-0.4607i	-1.2305-1.1812i	0.9134+0.0778i	0.0805-0.0991i	0.2026-0.3332i	-1.5564-1.1681i
9.8	1.3200-3.1414i	2.3730-3.6203i	0.0146-0.3908i	-1.0482-0.8764i	0.9062+0.0676i	0.0543-0.0928i	0.2326-0.2458i	-1.3462-0.8573i
9.9	2.3138-2.4882i	3.5516-2.8745i	0.0629-0.3165i	-0.8664-0.6799i	0.9098+0.0597i	0.0352-0.0664i	0.2663-0.1892i	-1.1363-0.6535i
10.0	3.1825-2.0517i	4.5667-2.3829i	0.1309-0.2955i	-0.7201-0.5333i	0.8918+0.0515i	0.0140-0.0732i	0.2864-0.1561i	-0.9750-0.4961i
10.1	4.0254-1.6790i	5.5767-1.9651i	0.1869-0.2543i	-0.5794-0.4482i	0.8928+0.0527i	0.0255-0.0534i	0.3205-0.1358i	-0.8418-0.3895i
10.2	4.8685-1.4828i	6.5642-1.7453i	0.2336-0.1882i	-0.4644-0.4088i	0.9003+0.0575i	0.0248-0.0417i	0.3464-0.1337i	-0.7075-0.3352i
10.3	5.6349-1.4048i	7.4927-1.6486i	0.3236-0.1646i	-0.3896-0.4034i	0.8982+0.0437i	0.0210-0.0447i	0.3549-0.1512i	-0.6229-0.3211i
10.4	6.2300-1.4280i	8.2075-1.6844i	0.3963-0.1869i	-0.3685-0.3934i	0.9157+0.0433i	0.0157-0.0456i	0.3304-0.1661i	-0.5476-0.2778i
10.5	6.8251-1.3958i	9.0062-1.6000i	0.4840-0.2049i	-0.3502-0.3536i	0.9321+0.0422i	0.0172-0.0257i	0.3073-0.1422i	-0.4873-0.2428i
10.6	7.5261-1.1338i	9.8978-1.3735i	0.5657-0.2977i	-0.2990-0.3126i	0.9301+0.0519i	0.0110-0.0309i	0.3158-0.1280i	-0.4300-0.2195i
10.7	8.2097-1.0388i	10.7512-1.2914i	0.5388-0.3746i	-0.2479-0.2988i	0.9438+0.0546i	-0.0020-0.0293i	0.3150-0.1295i	-0.3686-0.1932i
10.8	8.9192-0.8888i	11.5721-1.2464i	0.5431-0.4057i	-0.2204-0.2845i	0.9684+0.0495i	0.0021-0.0202i	0.3064-0.1298i	-0.3158-0.1849i
10.9	9.7218-0.9985i	12.5398-1.3399i	0.5481-0.3954i	-0.2006-0.2540i	0.9734+0.0519i	0.0002-0.0152i	0.2971-0.1062i	-0.2968-0.1565i
11.0	10.4738-1.0471i	13.4854-1.3778i	0.6066-0.3392i	-0.1559-0.2208i	0.9798+0.0439i	-0.0044-0.0051i	0.3008-0.0939i	-0.2675-0.1470i
11.1	11.1704-1.0071i	14.4462-1.3746i	0.7283-0.4634i	-0.1160-0.1958i	0.9988+0.0462i	-0.0167+0.0101i	0.3193-0.0744i	-0.2233-0.1363i
11.2	12.0343-0.8733i	15.5583-1.3957i	0.7556-0.6790i	-0.0714-0.1932i	1.0187+0.0291i	-0.0322+0.0007i	0.3191-0.0864i	-0.1909-0.1364i
11.3	13.1730-0.8281i	16.8114-1.4782i	0.5510-0.9507i	-0.0454-0.1914i	1.0532+0.0239i	-0.0062+0.0152i	0.3225-0.0845i	-0.1599-0.1420i
11.4	14.4821-0.8351i	18.2617-1.4975i	0.2471-1.0802i	-0.0022-0.1793i	1.0807+0.0321i	0.0027+0.0433i	0.3243-0.0722i	-0.1323-0.1199i
11.5	15.8155-0.8483i	19.8010-1.5472i	-0.3580-1.0120i	0.0493-0.1701i	1.1108+0.0336i	0.0247+0.0698i	0.3331-0.0651i	-0.0975-0.1055i
11.6	17.2757-1.3544i	21.5371-2.0255i	-0.5290-0.6672i	0.1010-0.1736i	1.1455+0.0200i	0.0386+0.0548i	0.3452-0.0664i	-0.0690-0.0965i
11.7	18.4721-1.6087i	23.0844-2.2605i	-0.7427-0.4487i	0.1524-0.1721i	1.1730+0.0087i	0.0627+0.0473i	0.3663-0.0605i	-0.0295-0.0934i
11.8	20.0147-2.0238i	25.0508-2.7806i	-0.8096-0.1191i	0.2100-0.1852i	1.2180-0.0063i	0.0666+0.0311i	0.3774-0.0608i	0.0091-0.0878i
11.9	21.8321-2.1899i	27.2891-3.0476i	-0.6782+0.1583i	0.2580-0.2042i	1.2618+0.0021i	0.0711+0.0224i	0.4048-0.0764i	0.0366-0.0855i

12.0	24.3430-3.3702i	30.3601-4.5161i	-1.0441+0.4799i	0.3293-0.2598i	1.3481-0.0376i	0.0989+0.0222i	0.4337-0.0978i	0.0800-0.0864i
12.1	26.5701-3.8097i	33.0828-4.9999i	-1.1805+0.5991i	0.4027-0.2782i	1.4051-0.0393i	0.0927+0.0286i	0.4548-0.1177i	0.1103-0.0804i
12.2	29.9154-4.6479i	37.2372-5.9471i	-1.5212+0.7279i	0.4797-0.3329i	1.4945-0.0374i	0.0959+0.0367i	0.4952-0.1436i	0.1387-0.0876i
12.3	33.1933-6.4365i	41.4518-8.1590i	-2.3111+1.4697i	0.5577-0.4327i	1.6057-0.0861i	0.1108+0.0403i	0.5119-0.1795i	0.1826-0.0805i
12.4	37.2190-8.2277i	46.5992-10.3653i	-3.4697+1.9789i	0.6228-0.5455i	1.7160-0.1147i	0.1256+0.0432i	0.5314-0.2486i	0.1982-0.0881i
12.5	42.0306-12.5175i	52.7088-15.8116i	-4.1105+3.6877i	0.6561-0.7303i	1.8891-0.2480i	0.1640+0.0263i	0.5288-0.3500i	0.2606-0.0969i
12.6	47.7820-16.4405i	59.9358-20.7442i	-5.7879+5.6153i	0.6746-0.8952i	2.0714-0.3501i	0.2061+0.0259i	0.4988-0.4215i	0.2970-0.1024i
12.7	54.3044-23.6828i	68.2200-29.8175i	-7.8897+9.3621i	0.6644-1.1172i	2.3150-0.5284i	0.2787+0.0347i	0.4210-0.4728i	0.3758-0.0690i
12.8	60.2674-33.3858i	75.7995-42.0888i	-8.5436+14.8976i	0.6308-1.3124i	2.5459-0.8176i	0.3551-0.0111i	0.3449-0.5073i	0.4885-0.0517i
12.9	60.7221-57.0656i	76.4824-72.1688i	-4.2076+27.6179i	0.3390-1.6525i	2.6376-1.5660i	0.5167-0.2144i	0.2392-0.5252i	0.7511-0.1458i
13.0	49.1195-89.0507i	61.8018-112.8020i	11.4470+44.0888i	-0.1281-2.0859i	2.3800-2.6423i	0.6030-0.6834i	0.1628-0.5589i	1.0980-0.4822i
13.1	10.1927-103.1034i	12.4027-130.7254i	41.9560+41.8795i	-0.9128-2.0085i	1.2023-3.2493i	0.1596-1.1924i	0.0851-0.5333i	0.9767-1.1645i
13.2	-22.0990-83.6304i	-28.7425-106.0804i	61.9495+16.5917i	-1.3786-1.3793i	0.1012-2.7501i	-0.5746-1.1513i	0.0348-0.4857i	0.3741-1.4988i
13.3	-32.0928-63.7560i	-41.5243-80.8136i	65.7180-6.7715i	-1.4565-0.8815i	-0.2967-2.1778i	-1.0531-0.7934i	-0.0005-0.4463i	-0.1402-1.4235i
13.4	-33.7882-49.0614i	-43.6920-62.0337i	61.9344-26.8521i	-1.3639-0.5126i	-0.3980-1.7256i	-1.2623-0.3231i	-0.0091-0.4397i	-0.4583-1.1653i
13.5	-33.2867-41.2423i	-42.9986-51.9632i	53.4884-45.4086i	-1.2884-0.3105i	-0.3938-1.4968i	-1.3014+0.1459i	-0.0424-0.4883i	-0.6431-0.9560i
13.6	-29.0160-34.6095i	-37.4729-43.4298i	35.3887-60.0014i	-1.1203-0.1516i	-0.2925-1.3051i	-1.0719+0.6327i	-0.1380-0.5136i	-0.6756-0.6870i
13.7	-28.5606-30.3033i	-36.7190-37.9659i	12.5570-65.4617i	-1.0273-0.0028i	-0.3272-1.2236i	-0.6527+0.9109i	-0.2728-0.4764i	-0.6754-0.4811i
13.8	-29.2763-26.6261i	-37.5237-33.4234i	-5.5642-60.4393i	-0.9351+0.1284i	-0.4253-1.1410i	-0.2719+0.9297i	-0.3674-0.3497i	-0.6465-0.3286i
13.9	-28.7557-22.2684i	-36.7805-28.0379i	-18.5494-48.5112i	-0.7856+0.2173i	-0.4959-0.9857i	0.0549+0.7728i	-0.3770-0.2102i	-0.6053-0.1951i
14.0	-27.0213-18.0099i	-34.6187-22.7457i	-22.5269-38.3131i	-0.6716+0.2726i	-0.4963-0.8187i	0.1562+0.5812i	-0.3532-0.1229i	-0.5289-0.0796i
14.1	-24.5390-13.9189i	-31.5574-17.6451i	-24.5886-29.3015i	-0.5332+0.3149i	-0.4745-0.6478i	0.1992+0.4270i	-0.3019-0.0335i	-0.4274+0.0103i
14.2	-22.0013-12.1349i	-28.3960-15.4291i	-24.1167-23.3219i	-0.4156+0.2888i	-0.4126-0.5484i	0.1954+0.3351i	-0.2605-0.0009i	-0.3275+0.0392i
14.3	-18.6764-8.9449i	-24.2749-11.4099i	-23.8514-18.2541i	-0.3025+0.2983i	-0.3370-0.4042i	0.2049+0.2691i	-0.2115+0.0409i	-0.2394+0.0779i
14.4	-16.6106-8.2458i	-21.7111-10.5205i	-22.3855-14.7521i	-0.2426+0.2581i	-0.2719-0.3482i	0.1900+0.2255i	-0.1857+0.0529i	-0.1739+0.0730i
14.5	-14.3712-6.4513i	-18.9449-8.2815i	-21.1556-11.9009i	-0.1845+0.2384i	-0.2174-0.2686i	0.1660+0.1965i	-0.1636+0.0577i	-0.1158+0.0767i
14.6	-11.8067-6.1720i	-15.7689-7.8891i	-19.6304-10.0086i	-0.1706+0.2221i	-0.1358-0.2371i	0.1455+0.1717i	-0.1804+0.0820i	-0.0653+0.0542i
14.7	-9.9116-4.7194i	-13.4024-6.0683i	-18.6614-8.9630i	-0.1322+0.2709i	-0.0941-0.1804i	0.1387+0.1639i	-0.1585+0.1329i	-0.0339+0.0772i
14.8	-8.2189-5.4038i	-11.2983-6.9121i	-17.5907-7.7355i	-0.0706+0.2800i	-0.0407-0.1796i	0.1271+0.1490i	-0.1339+0.1679i	0.0231+0.0666i
14.9	-6.7500-5.0870i	-9.5062-6.5183i	-17.5588-7.2202i	0.0387+0.3032i	-0.0155-0.1632i	0.1351+0.1525i	-0.0704+0.2131i	0.0604+0.0487i
15.0	-4.6888-4.8965i	-6.9507-6.2509i	-17.6734-6.0751i	0.1710+0.2840i	0.0160-0.1495i	0.1313+0.1244i	0.0108+0.2262i	0.1023+0.0211i
15.1	-3.7949-4.1602i	-5.8667-5.3302i	-17.4393-5.1946i	0.2669+0.2242i	0.0325-0.1101i	0.1216+0.1145i	0.0740+0.1765i	0.1207+0.0265i
15.2	-2.3648-3.8913i	-4.0975-4.9753i	-17.0098-4.1858i	0.3009+0.1467i	0.0730-0.0801i	0.1173+0.1051i	0.0918+0.1378i	0.1396-0.0000i
15.3	0.4411-2.8276i	-0.6452-3.6473i	-16.5917-3.5546i	0.3633+0.0999i	0.1297-0.0396i	0.1031+0.1009i	0.1011+0.1001i	0.1789-0.0063i
15.4	0.8662-3.7722i	-0.1179-4.8151i	-15.9519-2.9080i	0.3619+0.0345i	0.1386-0.0546i	0.0872+0.0770i	0.1031+0.0698i	0.1756-0.0296i
15.5	2.7154-3.5817i	2.1588-4.5456i	-15.5802-2.1939i	0.3754-0.0067i	0.1744-0.0189i	0.0870+0.0794i	0.1037+0.0510i	0.1915-0.0284i
15.6	4.3177-3.3090i	4.0926-4.2138i	-15.4263-2.0750i	0.4109-0.0200i	0.2066+0.0081i	0.0761+0.0835i	0.1011+0.0503i	0.2200-0.0203i
15.7	6.7903-4.3651i	7.1401-5.5007i	-15.2966-1.4058i	0.4440-0.0834i	0.2556-0.0021i	0.0635+0.0934i	0.0900+0.0419i	0.2470-0.0575i
15.8	8.8256-4.6128i	9.6316-5.7752i	-15.2015-1.1275i	0.4988-0.1284i	0.2790+0.0186i	0.0497+0.0969i	0.1052+0.0273i	0.2661-0.0659i
15.9	10.7410-4.8753i	11.9818-6.0814i	-15.1766-0.9328i	0.5318-0.1590i	0.3120+0.0541i	0.0453+0.1095i	0.1084+0.0115i	0.2756-0.0574i
16.0	13.2648-4.9355i	15.0597-6.1318i	-15.3158-0.9644i	0.5891-0.2005i	0.3392+0.0888i	0.0363+0.1337i	0.1069-0.0061i	0.3028-0.0657i
16.1	15.8975-5.8212i	18.2795-7.1798i	-15.6955-0.5464i	0.6195-0.2618i	0.3937+0.1169i	0.0321+0.1547i	0.1086-0.0176i	0.3295-0.0751i
16.2	18.4236-7.1380i	21.3605-8.8037i	-16.0602-0.2996i	0.6712-0.3132i	0.4570+0.1267i	0.0294+0.1699i	0.1038-0.0236i	0.3651-0.0837i
16.3	21.0248-8.2106i	24.5342-10.1042i	-16.4106-0.1385i	0.7348-0.3598i	0.5009+0.1245i	0.0505+0.1948i	0.1247-0.0553i	0.3756-0.0849i
16.4	26.5827-11.7712i	31.3355-14.3873i	-17.8986+0.5809i	0.8574-0.5295i	0.6088+0.1333i	0.0611+0.2339i	0.1464-0.0965i	0.4418-0.1175i
16.5	30.1853-14.9532i	35.7600-18.1991i	-19.1954+1.3515i	0.9290-0.7224i	0.6665+0.1540i	0.0963+0.2427i	0.1354-0.1797i	0.4801-0.1206i
16.6	31.3227-16.2077i	37.1636-19.6880i	-19.7317+1.8299i	0.8570-0.8312i	0.7018+0.1949i	0.1182+0.2194i	0.0512-0.2340i	0.4685-0.1129i
16.7	37.3421-20.1340i	44.5257-24.4487i	-21.9613+3.2345i	0.8911-0.9023i	0.8659+0.2119i	0.1444+0.2265i	-0.0273-0.1995i	0.5561-0.0925i
16.8	41.7181-24.5021i	49.8924-29.7553i	-23.3092+4.8369i	1.0068-0.9812i	0.9895+0.1932i	0.1507+0.2428i	-0.0225-0.1678i	0.6815-0.1020i
16.9	41.4334-27.7399i	49.5134-33.6929i	-22.7786+6.5849i	1.0370-1.1164i	0.9651+0.1876i	0.1190+0.1989i	0.0076-0.2191i	0.7193-0.1295i
17.0	43.5257-42.9521i	52.1977-52.1321i	-23.7953+11.2635i	0.9857-1.5826i	1.1989+0.0636i	0.1542+0.2372i	-0.0577-0.2826i	0.8903-0.2728i
17.1	44.1955-58.1114i	53.1962-70.5456i	-24.5083+15.9840i	0.7239-2.2059i	1.4742-0.0066i	0.2347+0.2246i	-0.2384-0.4330i	0.9814-0.4762i
17.2	37.7824-73.7926i	45.5252-89.7555i	-21.8479+23.0257i	0.2729-2.3318i	1.7287-0.3982i	0.1939+0.1771i	-0.4097-0.2161i	1.0830-0.7300i
17.3	22.2171-92.0650i	26.7463-112.0784i	-15.7252+27.9760i	-0.2388-2.7497i	1.7668-0.8645i	0.2254+0.2565i	-0.4509-0.1864i	1.0304-1.1646i
17.4	-1.6782-101.2998i	-2.0854-123.5018i	-8.6064+30.8849i	-1.1720-2.8314i	1.6567-1.3512i	0.3340+0.2514i	-0.6131-0.1112i	0.7045-1.5305i
17.5	-17.4150-100.2459i	-21.1493-122.4798i	-3.5849+31.3266i	-1.8415-2.4648i	1.4838-1.7196i	0.3664+0.1697i	-0.7779+0.0822i	0.3812-1.6583i
17.6	-36.7279-95.7103i	-44.7226-117.3409i	3.5861+29.9847i	-2.2127-1.8239i	1.0078-2.0858i	0.3572+0.1469i	-0.6886+0.3920i	0.0036-1.7095i
17.7	-52.7728-78.6620i	-64.5336-96.8630i	8.7262+24.0873i	-2.2181-1.1245i	0.3492-2.0570i	0.3894+0.1218i	-0.4521+0.5299i	-0.3932-1.5181i
17.8	-62.4924-67.2794i	-76.5057-83.1502i	11.5010+20.7432i	-2.2369-0.7384i	-0.0386-1.9762i	0.4563+0.0507i	-0.3212+0.5725i	-0.6415-1.3834i
17.9	-63.3344-56.3955i	-77.6534-69.9009i	12.0054+17.6069i	-2.0897-0.4863i	-0.2425-1.7575i	0.4527-0.0135i	-0.2227+0.5595i	-0.7338-1.1850i
18.0	-62.7798-46.0457i	-77.1607-57.3275i	12.1258+14.7304i	-1.9434-0.2797i	-0.4001-1.5181i	0.4208-0.0687i	-0.1383+0.5193i	-0.8050-0.9910i
18.1	-60.1361-38.7157i	-74.0511-48.4079i	11.6207+12.5312i	-1.8247-0.1626i	-0.4573-1.2942i	0.3857-0.0714i	-0.1120+0.4860i	-0.8101-0.8212i
18.2	-57.1362-31.1169i	-70.5324-39.1400i	10.9373+10.0984i	-1.6891+0.0300i	-0.4850-1.0940i	0.3503-0.0954i	-0.0860+0.4789i	-0.7921-0.6443i

18.3	-53.8378-25.9981i	-66.6412-32.8742i	10.1349+8.5760i	-1.5213+0.1374i	-0.4793-0.9342i	0.3321-0.1059i	-0.0349+0.4645i	-0.7463-0.5104i
18.4	-52.3744-22.5008i	-64.9295-28.6599i	9.9544+7.5922i	-1.3974+0.2307i	-0.4760-0.8383i	0.3153-0.1201i	0.0240+0.4599i	-0.7103-0.4266i
18.5	-48.3670-19.1680i	-60.1569-24.5496i	8.9086+6.4824i	-1.1956+0.2039i	-0.4384-0.7104i	0.2918-0.1211i	0.0712+0.3795i	-0.6151-0.3548i
18.6	-45.1681-16.2478i	-56.3763-20.8937i	8.1328+5.7182i	-1.1212+0.0376i	-0.4022-0.5820i	0.2604-0.1430i	0.0217+0.2268i	-0.5713-0.3391i
18.7	-43.3297-14.5476i	-54.1708-18.7993i	8.0204+4.9287i	-1.3436+0.1355i	-0.3216-0.5337i	0.2158-0.1187i	-0.1529+0.3098i	-0.5940-0.3083i
18.8	-40.4848-12.3872i	-50.8118-16.1583i	7.2755+3.9524i	-1.2140+0.3387i	-0.2879-0.4906i	0.2085-0.0864i	-0.0965+0.4048i	-0.5482-0.2131i
18.9	-38.7880-11.3916i	-48.8097-14.8844i	6.8996+3.6045i	-1.1165+0.3932i	-0.2602-0.4561i	0.2056-0.0809i	-0.0585+0.4228i	-0.5001-0.1731i
19.0	-37.1563-9.9297i	-46.8538-13.0901i	6.4702+3.0410i	-1.0403+0.4471i	-0.2293-0.4167i	0.2095-0.0804i	-0.0352+0.4295i	-0.4648-0.1332i
19.1	-34.6368-9.6278i	-43.8330-12.6277i	5.8474+2.8637i	-0.9669+0.4573i	-0.1758-0.3971i	0.2092-0.0652i	-0.0325+0.4428i	-0.4115-0.1175i
19.2	-33.4824-8.6553i	-42.4632-11.4152i	5.5278+2.4736i	-0.8840+0.5270i	-0.1605-0.3847i	0.2200-0.0580i	0.0015+0.4673i	-0.3862-0.0929i
19.3	-32.2023-7.8408i	-40.9181-10.3844i	5.1001+2.1505i	-0.8020+0.5899i	-0.1432-0.3749i	0.2216-0.0526i	0.0347+0.5036i	-0.3445-0.0681i
19.4	-31.1098-6.8666i	-39.6587-9.1572i	4.8193+1.7907i	-0.6827+0.6378i	-0.1476-0.3561i	0.2298-0.0486i	0.0967+0.5177i	-0.3158-0.0405i
19.5	-30.3444-6.4456i	-38.7540-8.5894i	4.6615+1.6880i	-0.5856+0.6295i	-0.1516-0.3476i	0.2501-0.0547i	0.1461+0.5024i	-0.2924-0.0386i
19.6	-29.5051-6.2416i	-37.7544-8.3084i	4.3970+1.5991i	-0.5168+0.5933i	-0.1301-0.3397i	0.2683-0.0604i	0.1771+0.4733i	-0.2586-0.0475i
19.7	-29.0631-6.8069i	-37.2056-8.9550i	4.1821+1.7597i	-0.5100+0.5637i	-0.0938-0.3373i	0.2864-0.0695i	0.1773+0.4641i	-0.2326-0.0638i
19.8	-28.0165-6.0230i	-35.9476-7.9898i	3.8418+1.5255i	-0.4517+0.5744i	-0.0811-0.3325i	0.2830-0.0976i	0.1942+0.4551i	-0.2101-0.0532i
19.9	-26.8710-5.6545i	-34.5661-7.5180i	3.6123+1.4159i	-0.3785+0.5613i	-0.0742-0.3196i	0.2683-0.0991i	0.2193+0.4450i	-0.1872-0.0503i
20.0	-25.7951-5.0156i	-33.2833-6.6740i	3.4015+1.2960i	-0.2957+0.5394i	-0.0834-0.3169i	0.2559-0.1177i	0.2511+0.4204i	-0.1674-0.0505i
20.1	-25.1822-5.2204i	-32.5698-6.9263i	3.3245+1.3143i	-0.2556+0.5157i	-0.0840-0.2983i	0.2522-0.1044i	0.2688+0.4159i	-0.1528-0.0521i
20.2	-24.6433-4.4128i	-31.9125-5.9026i	3.2135+1.0289i	-0.1962+0.4918i	-0.0811-0.2882i	0.2429-0.1075i	0.2978+0.3772i	-0.1273-0.0453i
20.3	-24.1440-4.6015i	-31.3172-6.0870i	3.0706+1.0146i	-0.1533+0.4267i	-0.0665-0.2693i	0.2491-0.1024i	0.3143+0.3356i	-0.1072-0.0525i
20.4	-23.2007-4.2461i	-30.1825-5.6629i	2.8234+0.9069i	-0.1352+0.3930i	-0.0563-0.2766i	0.2635-0.1112i	0.3131+0.3066i	-0.0934-0.0706i
20.5	-22.7180-4.0657i	-29.5936-5.4423i	2.7227+0.8812i	-0.1288+0.3729i	-0.0597-0.2734i	0.2779-0.1072i	0.3075+0.2885i	-0.0941-0.0797i
20.6	-21.9893-4.0016i	-28.7018-5.3464i	2.5543+0.8751i	-0.1325+0.3397i	-0.0383-0.2706i	0.2813-0.1203i	0.2885+0.2687i	-0.0754-0.0870i
20.7	-21.4892-3.4252i	-28.1047-4.6270i	2.4662+0.7070i	-0.1170+0.3174i	-0.0353-0.2697i	0.2952-0.1313i	0.2877+0.2448i	-0.0676-0.0913i
20.8	-20.9152-3.5821i	-27.3788-4.7940i	2.3170+0.7461i	-0.1189+0.3065i	-0.0265-0.2824i	0.3089-0.1379i	0.2746+0.2391i	-0.0576-0.1024i
20.9	-20.7259-3.4488i	-27.1677-4.6176i	2.2633+0.7293i	-0.1091+0.2974i	-0.0230-0.2880i	0.3307-0.1748i	0.2810+0.2338i	-0.0498-0.1049i
21.0	-20.5596-3.3035i	-27.0125-4.4357i	2.2930+0.7498i	-0.0812+0.2852i	-0.0386-0.2840i	0.3526-0.2052i	0.2933+0.2324i	-0.0451-0.1025i
21.1	-19.6685-3.1187i	-25.9213-4.2085i	2.1474+0.7185i	-0.0635+0.2759i	-0.0506-0.2930i	0.3378-0.2226i	0.2792+0.2237i	-0.0567-0.1084i
21.2	-19.2546-3.3179i	-25.4162-4.4719i	2.0334+0.7133i	-0.0889+0.2645i	-0.0472-0.2900i	0.3546-0.2378i	0.2614+0.2194i	-0.0473-0.1301i
21.3	-18.6822-3.3770i	-24.7063-4.5161i	1.9004+0.7139i	-0.0890+0.2421i	-0.0306-0.2625i	0.3664-0.2834i	0.2449+0.2129i	-0.0328-0.1219i
21.4	-18.4367-2.8183i	-24.4452-3.7973i	1.8576+0.6399i	-0.0691+0.2475i	-0.0549-0.2414i	0.3427-0.3400i	0.2605+0.2103i	-0.0390-0.1145i
21.5	-18.8053-2.3950i	-24.9349-3.2833i	2.0014+0.6953i	-0.0175+0.2606i	-0.0800-0.2485i	0.3610-0.4333i	0.2947+0.2144i	-0.0409-0.1213i
21.6	-18.0685-2.5127i	-24.0442-3.4461i	1.8616+0.6678i	-0.0064+0.2340i	-0.0787-0.2543i	0.2997-0.4849i	0.2953+0.1961i	-0.0348-0.1415i
21.7	-17.4677-2.2753i	-23.2926-3.1393i	1.7680+0.5657i	0.0088+0.2154i	-0.0918-0.2221i	0.2015-0.5441i	0.2950+0.1875i	-0.0477-0.1451i
21.8	-17.2077-2.3417i	-23.0167-3.2027i	1.7726+0.5736i	0.0160+0.2109i	-0.1066-0.2163i	0.1352-0.5640i	0.2906+0.1808i	-0.0680-0.1480i
21.9	-16.7221-2.2230i	-22.4875-3.0468i	1.7636+0.5612i	0.0315+0.1775i	-0.1179-0.1859i	0.0610-0.5371i	0.2928+0.1569i	-0.0854-0.1388i
22.0	-16.4362-2.1920i	-22.1421-2.9898i	1.7451+0.5218i	0.0468+0.1601i	-0.0958-0.1661i	-0.0376-0.5218i	0.2951+0.1536i	-0.0746-0.1304i
22.1	-16.0090-2.2438i	-21.6183-3.0531i	1.7192+0.5116i	0.0200+0.1302i	-0.1037-0.1505i	-0.1074-0.4700i	0.2713+0.1287i	-0.1030-0.1226i
22.2	-16.0565-2.2102i	-21.6838-3.0028i	1.7908+0.5378i	0.0338+0.1200i	-0.1180-0.1556i	-0.1328-0.4320i	0.2850+0.1221i	-0.1079-0.1240i
22.3	-15.7484-2.0397i	-21.2884-2.7778i	1.6614+0.4101i	0.0303+0.1055i	-0.0965-0.1369i	-0.1465-0.3629i	0.2772+0.1060i	-0.0982-0.0973i
22.4	-15.1361-2.0950i	-20.5624-2.8347i	1.4929+0.4006i	0.0351+0.0901i	-0.0714-0.1083i	-0.1153-0.3227i	0.2707+0.0991i	-0.0756-0.0746i
22.5	-15.0041-2.1254i	-20.4285-2.8664i	1.5124+0.4369i	0.0367+0.0604i	-0.0750-0.1110i	-0.1131-0.2727i	0.2732+0.0798i	-0.0821-0.0734i
22.6	-14.8872-2.0846i	-20.3180-2.8069i	1.5358+0.4222i	0.0281+0.0656i	-0.0836-0.0988i	-0.1385-0.2665i	0.2645+0.0844i	-0.0878-0.0734i
22.7	-14.6336-2.0249i	-19.9944-2.7492i	1.5042+0.3776i	0.0235+0.0447i	-0.0769-0.0795i	-0.1259-0.2545i	0.2575+0.0770i	-0.0742-0.0565i
22.8	-14.5020-1.8720i	-19.8552-2.5597i	1.4304+0.3383i	0.0161+0.0412i	-0.0824-0.0817i	-0.0786-0.2424i	0.2373+0.0647i	-0.0703-0.0537i
22.9	-13.9639-1.9815i	-19.2229-2.6570i	1.3310+0.3704i	0.0078+0.0276i	-0.0577-0.0692i	-0.0688-0.2256i	0.2248+0.0519i	-0.0441-0.0484i
23.0	-13.4643-1.8114i	-18.5942-2.4480i	1.3004+0.3156i	-0.0002+0.0197i	-0.0445-0.0562i	-0.1074-0.2415i	0.2077+0.0458i	-0.0437-0.0374i
23.1	-13.4046-1.8695i	-18.5536-2.5268i	1.3321+0.3483i	-0.0129+0.0114i	-0.0317-0.0483i	-0.1452-0.2395i	0.2072+0.0458i	-0.0292-0.0459i
23.2	-12.9584-1.8094i	-18.0447-2.4467i	1.2303+0.3361i	-0.0070+0.0034i	-0.0232-0.0490i	-0.1250-0.2492i	0.1931+0.0468i	-0.0257-0.0441i
23.3	-12.8152-1.6294i	-17.8418-2.2501i	1.2166+0.2733i	-0.0145+0.0078i	-0.0157-0.0385i	-0.1330-0.2786i	0.1832+0.0319i	-0.0144-0.0316i
23.4	-13.0824-1.5585i	-18.1645-2.1723i	1.3152+0.2765i	-0.0257+0.0163i	-0.0308-0.0300i	-0.1341-0.2393i	0.1917+0.0348i	-0.0266-0.0084i
23.5	-12.6771-1.5249i	-17.7004-2.1138i	1.2396+0.3010i	-0.0361+0.0118i	-0.0186-0.0243i	-0.1594-0.2283i	0.1685+0.0388i	-0.0130-0.0119i
23.6	-12.3429-1.4913i	-17.3239-2.0588i	1.2298+0.2983i	-0.0284+0.0066i	-0.0080-0.0322i	-0.1829-0.2001i	0.1615+0.0293i	0.0024-0.0215i
23.7	-12.2348-1.5988i	-17.1595-2.1983i	1.1623+0.3262i	-0.0383+0.0130i	-0.0027-0.0316i	-0.1647-0.1907i	0.1560+0.0320i	0.0205-0.0309i
23.8	-11.9579-1.4958i	-16.8622-2.0842i	1.0627+0.2660i	-0.0499+0.0216i	0.0103-0.0239i	-0.1537-0.1585i	0.1522+0.0360i	0.0265-0.0118i
23.9	-12.2097-1.3295i	-17.2102-1.8419i	1.1206+0.1776i	-0.0499+0.0196i	-0.0070-0.0131i	-0.1580-0.1273i	0.1570+0.0298i	-0.0008-0.0072i
24.0	-11.7194-1.1562i	-16.5846-1.6365i	1.0565+0.1846i	-0.0459+0.0309i	0.0093-0.0009i	-0.1580-0.1085i	0.1440+0.0307i	0.0217-0.0104i
24.1	-11.2142-1.2704i	-15.9986-1.8281i	1.0178+0.1894i	-0.0419+0.0432i	0.0194-0.0044i	-0.1410-0.0923i	0.1270+0.0378i	0.0381-0.0033i
24.2	-11.0547-1.2890i	-15.8425-1.8648i	1.0062+0.1586i	-0.0409+0.0321i	0.0220-0.0059i	-0.1418-0.0970i	0.1284+0.0364i	0.0383-0.0069i
24.3	-10.9228-1.2856i	-15.7113-1.8354i	0.9588+0.1056i	-0.0381+0.0291i	0.0270+0.0014i	-0.1298-0.0675i	0.1216+0.0407i	0.0362-0.0059i
24.4	-10.8892-1.4576i	-15.6609-2.0101i	1.1022+0.1344i	-0.0460+0.0180i	0.0236+0.0008i	-0.1533-0.0669i	0.1259+0.0333i	0.0413-0.0202i
24.5	-10.4887-1.2827i	-15.1992-1.8163i	1.0115+0.1367i	-0.0445+0.0306i	0.0278-0.0051i	-0.1366-0.0650i	0.1075+0.0357i	0.0570-0.0081i

24.6	-10.4372-1.0233i	-15.1645-1.5242i	0.9306+0.1188i	-0.0450+0.0279i	0.0308-0.0046i	-0.1167-0.0602i	0.1062+0.0214i	0.0596-0.0050i
24.7	-10.2176-1.1478i	-14.8980-1.6572i	0.9342+0.1078i	-0.0397+0.0431i	0.0360+0.0005i	-0.1014-0.0507i	0.1081+0.0290i	0.0659-0.0102i
24.8	-10.0038-1.1710i	-14.6499-1.6769i	0.9185+0.1507i	-0.0439+0.0410i	0.0396+0.0037i	-0.1030-0.0492i	0.0970+0.0341i	0.0777-0.0030i
24.9	-9.6371-1.2260i	-14.2190-1.7869i	0.8354+0.1808i	-0.0433+0.0415i	0.0413+0.0026i	-0.0902-0.0403i	0.0805+0.0296i	0.0872-0.0071i
25.0	-9.7097-1.0910i	-14.3459-1.6417i	0.8732+0.0792i	-0.0427+0.0497i	0.0357-0.0031i	-0.0967-0.0295i	0.0861+0.0238i	0.0775-0.0093i
25.1	-9.5521-0.9952i	-14.1784-1.5303i	0.8188+0.1326i	-0.0402+0.0399i	0.0409+0.0021i	-0.0870-0.0405i	0.0835+0.0220i	0.0949-0.0044i
25.2	-9.1281-0.7611i	-13.6890-1.2229i	0.7439+0.1515i	-0.0271+0.0501i	0.0463+0.0100i	-0.0705-0.0317i	0.0691+0.0213i	0.1012+0.0031i
25.3	-9.1415-0.8686i	-13.6968-1.3783i	0.7697+0.1149i	-0.0435+0.0567i	0.0462+0.0031i	-0.0706-0.0280i	0.0746+0.0228i	0.0997-0.0028i
25.4	-9.0630-0.9452i	-13.6299-1.4337i	0.8185+0.1098i	-0.0412+0.0658i	0.0445-0.0003i	-0.0746-0.0256i	0.0640+0.0306i	0.1072-0.0049i
25.5	-8.9396-0.9203i	-13.5590-1.4366i	0.8531+0.0695i	-0.0347+0.0537i	0.0436+0.0060i	-0.0701-0.0365i	0.0535+0.0145i	0.1150+0.0009i
25.6	-8.4885-1.1057i	-13.0321-1.6721i	0.8360+0.0852i	-0.0380+0.0355i	0.0584+0.0174i	-0.0594-0.0317i	0.0546+0.0133i	0.1206-0.0027i
25.7	-8.2704-0.8380i	-12.7900-1.3424i	0.8586+0.1548i	-0.0277+0.0578i	0.0519+0.0231i	-0.0666-0.0240i	0.0339+0.0160i	0.1255-0.0030i
25.8	-8.1059-1.0326i	-12.6071-1.6163i	0.8255+0.1467i	-0.0310+0.0433i	0.0554+0.0204i	-0.0585-0.0303i	0.0284+0.0112i	0.1351-0.0045i
25.9	-8.0519-1.1944i	-12.5545-1.7971i	0.7880+0.0382i	-0.0369+0.0270i	0.0571+0.0225i	-0.0559-0.0235i	0.0249+0.0183i	0.1411-0.0126i
26.0	-7.9577-1.0361i	-12.4840-1.5940i	0.6813+0.0653i	-0.0379+0.0182i	0.0565+0.0209i	-0.0627-0.0316i	0.0147+0.0058i	0.1492-0.0091i
26.1	-7.8023-0.9152i	-12.3022-1.4388i	0.5718+0.0547i	-0.0273+0.0468i	0.0502+0.0184i	-0.0510-0.0336i	0.0138+0.0200i	0.1602-0.0071i
26.2	-7.5370-1.1143i	-11.9832-1.6725i	0.7094+0.0006i	-0.0412+0.0344i	0.0601+0.0187i	-0.0408-0.0304i	-0.0059+0.0195i	0.1636-0.0101i
26.3	-7.3683-1.2450i	-11.8213-1.8022i	0.8319-0.0609i	-0.0464+0.0347i	0.0643+0.0178i	-0.0570-0.0252i	-0.0170+0.0212i	0.1654-0.0143i
26.4	-7.1198-0.8391i	-11.5386-1.3446i	0.7662+0.1792i	-0.0369+0.0420i	0.0544+0.0243i	-0.0539-0.0287i	-0.0239+0.0125i	0.1731-0.0139i
26.5	-7.1155-0.9074i	-11.5390-1.3929i	0.6708-0.0313i	-0.0568+0.0500i	0.0546+0.0221i	-0.0487-0.0284i	-0.0256+0.0118i	0.1844-0.0045i
26.6	-6.9946-0.8032i	-11.4721-1.3318i	0.7787-0.0144i	-0.0440+0.0420i	0.0557+0.0306i	-0.0469-0.0243i	-0.0324+0.0065i	0.1878-0.0026i
26.7	-6.8662-0.8609i	-11.3469-1.4082i	0.6328+0.0825i	-0.0357+0.0400i	0.0513+0.0297i	-0.0442-0.0263i	-0.0358+0.0163i	0.1896-0.0055i
26.8	-6.8912-0.7493i	-11.4123-1.2560i	0.4735+0.1012i	-0.0334+0.0643i	0.0460+0.0353i	-0.0411-0.0236i	-0.0400+0.0192i	0.1913-0.0031i
26.9	-6.4948-0.8074i	-10.9529-1.3355i	0.7353+0.1688i	-0.0401+0.0563i	0.0564+0.0376i	-0.0316-0.0284i	-0.0590+0.0188i	0.2047-0.0061i
27.0	-6.2478-0.7502i	-10.7253-1.2748i	0.7605+0.1531i	-0.0391+0.0405i	0.0512+0.0434i	-0.0286-0.0251i	-0.0616+0.0192i	0.2029-0.0117i
27.1	-5.7828-0.8047i	-10.2049-1.3448i	0.8991-0.0695i	-0.0302+0.0559i	0.0500+0.0370i	-0.0399-0.0217i	-0.0802+0.0261i	0.2162-0.0209i
27.2	-5.9342-0.7787i	-10.4335-1.3667i	0.6326+0.0201i	-0.0294+0.0712i	0.0494+0.0398i	-0.0304-0.0184i	-0.0790+0.0216i	0.2184-0.0166i
27.3	-5.7326-0.6317i	-10.2358-1.2037i	0.5217+0.0191i	-0.0399+0.0519i	0.0451+0.0384i	-0.0244-0.0255i	-0.0838+0.0144i	0.2320-0.0123i
27.4	-5.4010-0.7872i	-9.8578-1.3928i	0.7756+0.0048i	-0.0479+0.0697i	0.0519+0.0390i	-0.0186-0.0249i	-0.1005+0.0424i	0.2360-0.0203i
27.5	-5.2081-0.8108i	-9.6428-1.4286i	0.9056+0.1118i	-0.0363+0.0724i	0.0508+0.0450i	-0.0227-0.0396i	-0.1121+0.0369i	0.2409-0.0205i
27.6	-5.1614-0.8502i	-9.6144-1.4658i	0.7136-0.0061i	-0.0279+0.0826i	0.0516+0.0479i	-0.0241-0.0403i	-0.1083+0.0485i	0.2441-0.0159i
27.7	-5.2255-0.7486i	-9.7167-1.3467i	0.5467-0.1149i	-0.0332+0.0634i	0.0454+0.0454i	-0.0231-0.0375i	-0.1141+0.0346i	0.2472-0.0124i
27.8	-5.1690-0.7417i	-9.6451-1.3844i	0.4070-0.2070i	-0.0313+0.0678i	0.0501+0.0483i	-0.0322-0.0245i	-0.1207+0.0362i	0.2606-0.0130i
27.9	-4.8070-0.9520i	-9.2385-1.5998i	0.6432-0.4109i	-0.0289+0.0775i	0.0379+0.0465i	-0.0497-0.0465i	-0.1374+0.0492i	0.2707-0.0076i
28.0	-4.6704-0.6281i	-9.1354-1.2173i	0.4754-0.2090i	-0.0191+0.0837i	0.0420+0.0490i	-0.0402-0.0395i	-0.1557+0.0419i	0.2838-0.0001i
28.1	-4.5220-0.3369i	-9.0052-0.8850i	0.2993+0.0454i	-0.0330+0.0649i	0.0365+0.0601i	-0.0278-0.0384i	-0.1737+0.0329i	0.2929-0.0025i
28.2	-4.1710-0.4449i	-8.6737-1.0112i	0.7309+0.0228i	-0.0428+0.0761i	0.0248+0.0587i	-0.0665-0.0548i	-0.1746+0.0436i	0.3166-0.0025i
28.3	-4.0369-0.5049i	-8.5137-1.0707i	0.7082+0.0378i	-0.0610+0.0829i	0.0259+0.0702i	-0.0762-0.0517i	-0.1915+0.0511i	0.3209-0.0090i
28.4	-4.0573-0.6061i	-8.5587-1.1822i	0.5037-0.0303i	-0.0532+0.0700i	0.0237+0.0701i	-0.0693-0.0326i	-0.1923+0.0487i	0.3253-0.0123i
28.5	-4.2221-0.5117i	-8.7691-1.0630i	0.2072-0.2280i	-0.0655+0.0753i	0.0159+0.0831i	-0.0528+0.0019i	-0.2176+0.0622i	0.3245-0.0065i
28.6	-3.7448-0.5154i	-8.3723-1.0832i	0.4457-0.0566i	-0.0489+0.0928i	0.0175+0.0812i	-0.0574-0.0180i	-0.2270+0.0636i	0.3434-0.0174i
28.7	-3.5173-0.4376i	-8.1036-1.0543i	0.4371-0.0214i	-0.0531+0.1169i	0.0166+0.0859i	-0.0626-0.0114i	-0.2544+0.0780i	0.3655-0.0205i
28.8	-3.3283-0.3990i	-7.9228-1.0029i	0.4678-0.0410i	-0.0502+0.1193i	0.0132+0.0895i	-0.0594+0.0021i	-0.2426+0.1004i	0.3650-0.0223i
28.9	-3.2395-0.2620i	-7.8675-0.7648i	0.3066+0.2661i	-0.0856+0.1119i	0.0098+0.0958i	-0.0481-0.0090i	-0.2632+0.0942i	0.3801-0.0222i
29.0	-3.0854-0.3140i	-7.6780-0.8568i	0.4392+0.2491i	-0.0767+0.1403i	0.0120+0.1071i	-0.0490-0.0188i	-0.2697+0.1017i	0.3804-0.0276i
29.1	-2.6248-0.4623i	-7.1831-1.0925i	0.8247+0.1108i	-0.0513+0.1562i	0.0176+0.1129i	-0.0701-0.0068i	-0.2824+0.1287i	0.3994-0.0445i
29.2	-2.2291-0.4421i	-6.8796-1.0563i	0.8696+0.0605i	-0.0542+0.1526i	0.0156+0.1178i	-0.0684+0.0026i	-0.2986+0.1408i	0.4248-0.0558i
29.3	-1.8221-0.6487i	-6.5461-1.2204i	1.0676-0.1952i	-0.0619+0.1548i	0.0151+0.1259i	-0.0833+0.0157i	-0.3231+0.1688i	0.4310-0.0576i
29.4	-2.0170-0.7612i	-6.7023-1.3326i	0.6895-0.3239i	-0.0447+0.1690i	0.0165+0.1130i	-0.0523+0.0178i	-0.3068+0.1666i	0.4317-0.0709i
29.5	-2.2128-0.5483i	-6.8975-1.1364i	0.3643-0.1088i	-0.0364+0.1815i	0.0195+0.1240i	-0.0326+0.0137i	-0.3016+0.1677i	0.4279-0.0641i
29.6	-2.0968-0.5057i	-6.8252-1.1283i	0.2645-0.1017i	-0.0324+0.1920i	0.0198+0.1259i	-0.0306+0.0209i	-0.2904+0.1785i	0.4236-0.0688i
29.7	-1.7956-0.7426i	-6.5681-1.3709i	0.4150-0.5395i	-0.0106+0.1885i	0.0059+0.1208i	-0.0425+0.0298i	-0.3010+0.1943i	0.4420-0.0759i
29.8	-1.3277-0.6725i	-6.1679-1.3117i	0.7928-0.3109i	-0.0291+0.2216i	0.0111+0.1284i	-0.0394+0.0194i	-0.3163+0.2067i	0.4433-0.0825i
29.9	-1.5603-0.4812i	-6.3736-1.0942i	0.2455-0.0921i	-0.0145+0.2516i	0.0054+0.1312i	-0.0288+0.0170i	-0.3079+0.2325i	0.4581-0.0939i
30.0	-1.6604-0.2560i	-6.4679-0.9439i	-0.0683+0.0507i	-0.0241+0.2323i	-0.0035+0.1381i	-0.0204+0.0078i	-0.3060+0.2249i	0.4646-0.0921i
30.1	-1.1794+0.0535i	-6.0574-0.5480i	0.3004+0.3273i	0.0017+0.2464i	-0.0025+0.1419i	-0.0202+0.0043i	-0.3301+0.2176i	0.4845-0.0874i
30.2	-0.9684+0.0940i	-5.9084-0.5674i	0.0757+0.4824i	0.0379+0.2369i	-0.0134+0.1497i	-0.0125+0.0072i	-0.3185+0.2270i	0.4969-0.0966i
30.3	-0.7931-0.0643i	-5.7256-0.6556i	0.1112+0.3807i	0.0006+0.2500i	-0.0131+0.1457i	-0.0155-0.0106i	-0.3234+0.2401i	0.4987-0.1043i
30.4	-0.5264-0.3850i	-5.5100-1.0567i	0.2362-0.1550i	0.0035+0.2837i	-0.0225+0.1532i	-0.0262+0.0166i	-0.3391+0.2670i	0.5069-0.1094i
30.5	-0.5973-0.2456i	-5.7054-0.9540i	-0.2237-0.1064i	0.0213+0.2579i	-0.0276+0.1577i	-0.0202+0.0201i	-0.3344+0.2722i	0.4999-0.1078i
30.6	-0.0340-0.2448i	-5.1557-0.9824i	0.1615-0.1934i	0.0091+0.2520i	-0.0294+0.1733i	-0.0168+0.0292i	-0.3436+0.2923i	0.5180-0.1219i
30.7	0.2473-0.2510i	-4.8288-1.0105i	0.2221-0.0031i	0.0218+0.3149i	-0.0318+0.1937i	-0.0141+0.0304i	-0.3457+0.3333i	0.5367-0.1495i
30.8	0.3833-0.3404i	-4.7380-1.0860i	0.1212-0.0916i	0.0665+0.3249i	-0.0184+0.1977i	-0.0202+0.0313i	-0.3147+0.3423i	0.5367-0.1717i

30.9	0.3903-0.5922i	-4.6491-1.3940i	0.0298-0.9935i	0.0872+0.3152i	-0.0131+0.1896i	-0.0308+0.0472i	-0.3135+0.3334i	0.5248-0.1692i
31.0	0.8643-0.2174i	-4.3401-1.0417i	0.2399-0.5234i	0.1094+0.3027i	-0.0143+0.1877i	-0.0195+0.0422i	-0.3041+0.3203i	0.5329-0.1591i
31.1	1.2861-0.0129i	-3.9785-0.7445i	0.4941+0.0056i	0.1054+0.3206i	-0.0146+0.1993i	-0.0305+0.0223i	-0.3175+0.3220i	0.5559-0.1719i
31.2	1.3355+0.2957i	-3.9444-0.4045i	0.4696+0.4125i	0.1204+0.3193i	-0.0166+0.2063i	-0.0391+0.0391i	-0.2987+0.3154i	0.5669-0.1717i
31.3	1.4164-0.1466i	-3.9184-0.9347i	0.2340-0.3679i	0.1387+0.2555i	-0.0198+0.1932i	-0.0380+0.0548i	-0.2955+0.3028i	0.5570-0.1621i
31.4	1.2819-0.1728i	-4.1306-0.9776i	0.0342-0.5912i	0.1211+0.2804i	-0.0248+0.1929i	-0.0566+0.0686i	-0.3041+0.2895i	0.5595-0.1613i
31.5	2.1851+0.6842i	-3.4393-0.1811i	1.0796+0.7996i	0.1717+0.2857i	-0.0162+0.1885i	-0.0057-0.0086i	-0.2981+0.2592i	0.5777-0.1483i
31.6	2.6515+1.0140i	-2.9342+0.1239i	1.0974+1.4727i	0.1733+0.2541i	-0.0252+0.1945i	0.0325-0.0024i	-0.3220+0.2488i	0.6065-0.1520i
31.7	2.1245+0.6425i	-3.4863-0.2068i	-0.3101+0.9294i	0.1336+0.2443i	-0.0394+0.2065i	0.0550+0.0661i	-0.3281+0.2723i	0.6072-0.1627i
31.8	2.8567+0.4111i	-2.8813-0.3566i	0.4811+0.5386i	0.1694+0.2006i	-0.0353+0.1947i	0.0439+0.0327i	-0.3408+0.2654i	0.6303-0.1529i
31.9	2.7024+0.1267i	-3.0121-0.7679i	-0.0962-0.0882i	0.1293+0.2151i	-0.0573+0.1950i	0.0328+0.0612i	-0.3655+0.2725i	0.6385-0.1561i
32.0	2.7700+0.7406i	-3.0417-0.4535i	-0.5898+0.4640i	0.1129+0.2184i	-0.0658+0.2009i	0.0768+0.0583i	-0.3686+0.2782i	0.6602-0.1599i
32.1	3.5072+0.6190i	-2.7418-0.5710i	0.0023+0.5491i	0.1566+0.2234i	-0.0727+0.2012i	0.0403+0.0388i	-0.3932+0.2684i	0.6771-0.1565i
32.2	3.1742+1.2810i	-3.1651-0.0749i	-0.6911+0.9725i	0.1523+0.2481i	-0.0793+0.2012i	0.1098+0.0471i	-0.3801+0.2541i	0.6664-0.1473i
32.3	4.8107+1.1066i	-1.8089-0.2564i	0.8665+0.0567i	0.1170+0.2211i	-0.1024+0.2126i	0.0159+0.0212i	-0.4564+0.2457i	0.7309-0.1609i
32.4	5.2992+0.6214i	-1.5772-0.6783i	0.9647-0.1683i	0.1528+0.2728i	-0.1187+0.2266i	0.0209+0.0557i	-0.4760+0.2663i	0.7422-0.1925i
32.5	5.0926+0.9167i	-1.9718-0.3998i	0.0471+0.6741i	0.1505+0.2360i	-0.1085+0.2143i	0.0914+0.0205i	-0.4518+0.2587i	0.7358-0.1812i
32.6	4.9575+0.8992i	-2.1226-0.5290i	-0.5985+0.4892i	0.1421+0.2129i	-0.1194+0.2086i	0.1218+0.0321i	-0.4528+0.2559i	0.7438-0.1790i
32.7	6.1785+0.9984i	-1.5252-0.6277i	0.0281-0.2380i	0.1595+0.2262i	-0.1463+0.2112i	0.0668+0.0705i	-0.5117+0.2645i	0.8000-0.1988i
32.8	7.1324+1.4193i	-1.0733-0.6497i	0.2842-0.5388i	0.1933+0.2299i	-0.1605+0.2226i	0.0561+0.0755i	-0.5498+0.2782i	0.8223-0.1952i
32.9	7.6516+1.9043i	-0.8897-0.3517i	0.1866+0.3247i	0.1576+0.2424i	-0.1694+0.2257i	0.0715-0.0137i	-0.5658+0.2647i	0.8456-0.2085i
33.0	8.9852+1.7683i	-0.5023-0.1553i	0.5784+0.4832i	0.1980+0.2707i	-0.1939+0.2278i	0.0041-0.0267i	-0.6042+0.2721i	0.8858-0.1964i
33.1	10.5516+1.4923i	-0.1394-0.4163i	0.6514-0.0446i	0.2120+0.2619i	-0.2140+0.2323i	0.0041+0.0439i	-0.6316+0.2850i	0.8915-0.2228i
33.2	12.0610+1.9130i	-0.0598-0.3200i	0.3888+0.2357i	0.2507+0.2861i	-0.2236+0.2361i	0.0235+0.0030i	-0.6463+0.3041i	0.8983-0.2307i
33.3	14.6640+1.2343i	0.5368-0.3338i	0.8282+0.2483i	0.3229+0.2471i	-0.2567+0.2380i	-0.0455+0.0155i	-0.6777+0.3072i	0.9360-0.2337i
33.4	16.5889-0.3215i	0.6431-0.6002i	0.2764-0.1304i	0.3629+0.1663i	-0.2824+0.2436i	-0.0009+0.0275i	-0.6997+0.3011i	0.9551-0.2270i
33.5	17.6089-2.3272i	0.5634-0.8467i	-0.0297-0.1101i	0.3820+0.1117i	-0.3096+0.2391i	0.0306+0.0490i	-0.7221+0.3099i	0.9708-0.2143i
33.6	19.3726-5.9090i	0.8301-1.2328i	0.2115-0.3542i	0.3897-0.0229i	-0.3420+0.2466i	0.0086+0.0979i	-0.7826+0.3016i	1.0139-0.1980i
33.7	20.1994-10.4524i	1.3084-1.2706i	0.3954+0.0086i	0.3489-0.1835i	-0.3983+0.2374i	0.0186+0.0821i	-0.8730+0.2672i	1.0763-0.1471i
33.8	18.5751-14.8341i	1.8333-1.4373i	1.2323+0.0269i	0.2297-0.2708i	-0.4579+0.2798i	-0.0311+0.0949i	-0.9670+0.3032i	1.1988-0.1639i
33.9	15.7385-17.0079i	1.5519-1.2000i	0.7906+0.7525i	0.0977-0.2526i	-0.4855+0.3501i	-0.0023+0.0404i	-1.0323+0.3844i	1.2740-0.1952i
34.0	11.5420-18.2186i	1.2923-1.4532i	0.0774+0.8064i	-0.1093-0.2828i	-0.4986+0.3587i	0.0777+0.0175i	-1.0892+0.4622i	1.3419-0.2375i
34.1	7.8688-18.8701i	1.6452-1.9773i	0.5078-0.2878i	-0.2518-0.2541i	-0.5519+0.4048i	0.0685+0.0900i	-1.1787+0.5502i	1.4621-0.3245i
34.2	5.1888-17.0315i	1.9691-1.7818i	0.9643-0.3161i	-0.3543-0.1017i	-0.5993+0.4847i	0.0465+0.0698i	-1.2208+0.6644i	1.5643-0.4438i
34.3	3.9601-15.1585i	1.8638-1.4908i	1.1593+0.3660i	-0.3952+0.0354i	-0.6226+0.5038i	0.0110+0.0230i	-1.2295+0.7098i	1.6022-0.4776i
34.4	2.3455-13.7682i	1.8438-1.4466i	0.9273+0.3272i	-0.4309+0.1019i	-0.6250+0.5322i	0.0111+0.0335i	-1.2133+0.7710i	1.6141-0.5572i
34.5	1.9703-12.1584i	2.2107-1.5268i	1.0668-0.3102i	-0.4599+0.1583i	-0.6611+0.6012i	0.0066+0.0913i	-1.2603+0.8475i	1.6856-0.6540i
34.6	1.9044-10.8404i	1.9314-1.6468i	0.4929-0.4933i	-0.4625+0.2394i	-0.6636+0.6375i	0.0414+0.1002i	-1.2326+0.9155i	1.6570-0.7461i
34.7	1.9208-10.1267i	2.3113-1.5154i	0.6091-0.3203i	-0.4871+0.3393i	-0.7047+0.6907i	0.0395+0.1035i	-1.2826+1.0053i	1.7518-0.8194i
34.8	2.3855-9.2869i	2.6368-1.4506i	0.6873-0.2425i	-0.4873+0.4159i	-0.7559+0.7443i	0.0437+0.1203i	-1.3099+1.0817i	1.7921-0.9045i
34.9	2.8951-8.7086i	3.0640-1.3917i	1.1203-0.0211i	-0.4703+0.4775i	-0.7864+0.8264i	0.0201+0.1230i	-1.3295+1.1515i	1.8417-1.0163i
35.0	3.0836-8.3396i	3.2729-1.4735i	0.9535-0.1928i	-0.4764+0.5774i	-0.7986+0.9013i	0.0572+0.1479i	-1.3373+1.2669i	1.8562-1.1402i
35.1	3.1989-8.0083i	3.3771-1.4840i	0.6899-0.1692i	-0.4890+0.6449i	-0.8194+0.9551i	0.0941+0.1497i	-1.3338+1.3562i	1.8704-1.2411i
35.2	3.7083-7.7131i	3.8911-1.6826i	1.0251-0.4589i	-0.4802+0.7157i	-0.8317+1.0580i	0.1074+0.1705i	-1.3203+1.4720i	1.8891-1.3910i
35.3	4.3818-7.8294i	4.3492-1.7062i	1.2162-0.2986i	-0.4471+0.8001i	-0.8323+1.1586i	0.1292+0.1885i	-1.3229+1.6005i	1.8836-1.5354i
35.4	4.4307-7.6566i	3.9458-1.3772i	0.5025+0.5016i	-0.4669+0.9153i	-0.8539+1.2191i	0.1762+0.1412i	-1.2919+1.6947i	1.8625-1.6112i
35.5	4.1843-7.5254i	3.3772-1.7103i	-0.5117+0.3992i	-0.4353+0.9539i	-0.8258+1.2641i	0.2480+0.1068i	-1.2037+1.7787i	1.7542-1.6957i
35.6	4.4779-7.7005i	4.0390-2.0470i	0.0015-0.0482i	-0.3744+1.0261i	-0.7798+1.3784i	0.2933+0.1258i	-1.1245+1.9204i	1.6919-1.8778i
35.7	4.7282-7.4143i	4.3632-2.0092i	0.1335-0.3010i	-0.3320+1.1081i	-0.7479+1.4465i	0.3247+0.1253i	-1.0526+2.0116i	1.6228-1.9503i
35.8	4.6770-7.5009i	4.4047-2.1763i	0.1952-0.0661i	-0.2725+1.1448i	-0.6926+1.5024i	0.3367+0.0959i	-0.9606+2.0582i	1.5335-2.0142i
35.9	4.5582-7.0868i	4.1564-1.9867i	-0.4272+0.6186i	-0.2682+1.2564i	-0.6972+1.5853i	0.3819+0.0277i	-0.9102+2.1487i	1.4864-2.0792i
36.0	4.6252-7.1150i	4.4774-2.1281i	-0.1809+0.2395i	-0.1501+1.3469i	-0.6277+1.6650i	0.4157+0.0179i	-0.7726+2.2379i	1.3708-2.1716i
36.1	4.6259-7.6243i	4.8126-2.4642i	-0.1280-0.0538i	-0.1093+1.3762i	-0.6190+1.7384i	0.4487-0.0040i	-0.7202+2.3190i	1.3375-2.2442i
36.2	4.9586-7.1536i	4.8854-2.1411i	-0.1181+0.3845i	-0.0293+1.4370i	-0.5780+1.7694i	0.4653-0.0719i	-0.6084+2.3396i	1.2708-2.2518i
36.3	5.1028-7.1176i	4.9281-2.3931i	-0.2454-0.3140i	0.0386+1.4681i	-0.5235+1.8019i	0.5067-0.0907i	-0.5159+2.3664i	1.1695-2.2585i
36.4	5.6083-7.2524i	5.5809-2.5992i	-0.0093-0.4011i	0.1532+1.4965i	-0.5250+1.8867i	0.5461-0.1243i	-0.4116+2.4185i	1.1490-2.3390i
36.5	5.7510-7.0832i	5.7416-2.5571i	0.0950-0.3004i	0.2452+1.4988i	-0.5320+1.9511i	0.5499-0.1856i	-0.3450+2.4407i	1.1535-2.3836i
36.6	5.5534-6.9435i	5.5165-2.2445i	0.0823+0.1858i	0.3728+1.6033i	-0.4812+2.0190i	0.5435-0.2671i	-0.1989+2.4671i	1.0975-2.4199i
36.7	5.8933-7.3377i	6.0653-2.6188i	0.4924-0.3336i	0.4907+1.5898i	-0.4330+2.1315i	0.5408-0.3368i	-0.0908+2.4962i	1.0445-2.5146i
36.8	5.7883-7.3869i	5.9455-3.0386i	0.3330-0.8983i	0.5404+1.5309i	-0.3835+2.1505i	0.5314-0.3791i	-0.0129+2.4414i	0.9655-2.5139i
36.9	6.2967-7.4635i	6.4172-3.1093i	0.4143-0.5282i	0.6623+1.5551i	-0.3425+2.2682i	0.5145-0.5038i	0.0842+2.4889i	0.9462-2.6192i
37.0	6.0502-7.3831i	6.2433-3.0463i	-0.0893-0.4159i	0.7449+1.4990i	-0.2693+2.3376i	0.4952-0.5932i	0.2073+2.4300i	0.8263-2.6744i
37.1	6.0963-7.4573i	6.3937-2.9535i	-0.0015-0.3401i	0.7456+1.5311i	-0.2145+2.4164i	0.4778-0.6861i	0.2350+2.4444i	0.7605-2.7055i

37.2	6.0625-7.4130i	6.6414-3.2448i	-0.1880-0.5255i	0.7561+1.5595i	-0.1720+2.4889i	0.4197-0.8083i	0.2771+2.5017i	0.7089-2.7433i
37.3	6.2670-7.4043i	6.6690-3.4300i	-0.7910-1.3027i	0.8015+1.5249i	-0.1214+2.5468i	0.3803-0.8682i	0.3341+2.4734i	0.6689-2.7639i
37.4	6.6667-7.3342i	7.0361-3.1043i	0.0617-0.5441i	0.9973+1.5974i	-0.0509+2.7022i	0.2575-0.9927i	0.4972+2.5262i	0.6040-2.8767i
37.5	6.6142-7.2534i	7.1793-2.9305i	0.1881+0.0424i	1.0476+1.6411i	0.0379+2.7701i	0.1291-1.0808i	0.5614+2.5385i	0.5274-2.9183i
37.6	6.4070-7.4679i	7.0182-3.4627i	-0.3598-0.3874i	1.1219+1.6151i	0.1696+2.8038i	-0.0226-1.1648i	0.6945+2.5124i	0.4253-2.9106i
37.7	6.4631-7.7061i	7.1774-3.5779i	-0.5422-0.3695i	1.2197+1.6246i	0.2647+2.9278i	-0.1967-1.2612i	0.8161+2.5436i	0.3605-3.0016i
37.8	6.4253-7.6534i	7.2398-3.5445i	-1.2979-0.3547i	1.3147+1.5909i	0.3282+2.9738i	-0.3325-1.3257i	0.9045+2.5188i	0.3471-3.0122i
37.9	6.3191-7.8197i	7.3070-3.8183i	-0.8614-0.5369i	1.4739+1.5487i	0.4986+3.0289i	-0.5882-1.2517i	1.0683+2.4809i	0.2362-3.0610i
38.0	6.1239-7.5906i	7.3177-3.7901i	-0.7648-0.7263i	1.5500+1.4895i	0.6090+3.0379i	-0.8365-1.1147i	1.1708+2.3952i	0.1786-3.0517i
38.1	6.1618-7.3827i	7.4525-3.7403i	-0.0282-0.4216i	1.7188+1.3704i	0.7990+3.0402i	-1.1041-0.9366i	1.3462+2.2532i	0.0523-3.0867i
38.2	6.3865-7.1612i	7.5601-3.4257i	0.0218-0.1184i	1.8126+1.2971i	0.8667+3.0609i	-1.2558-0.7848i	1.4293+2.1519i	0.0431-3.1040i
38.3	6.8558-7.1492i	8.2056-3.2354i	-0.0498+0.4381i	1.9237+1.2040i	0.9695+3.1320i	-1.4276-0.6640i	1.5228+2.0699i	0.0249-3.2053i
38.4	6.9900-7.1719i	8.4660-3.3004i	0.1461+0.0291i	1.9768+1.1523i	1.0681+3.1625i	-1.5093-0.3974i	1.5570+1.9957i	-0.0394-3.2749i
38.5	6.6935-7.1801i	8.3190-3.4633i	-0.4183-0.4252i	1.9425+1.1052i	1.1529+3.2299i	-1.4806-0.2368i	1.5966+1.9639i	-0.1011-3.3358i
38.6	6.9694-7.0180i	8.6531-3.3091i	0.0050+0.2673i	2.0654+1.0419i	1.2721+3.2814i	-1.5614+0.0227i	1.6893+1.8944i	-0.1743-3.4799i
38.7	6.9171-6.9200i	8.5779-3.3310i	0.0302+0.1954i	2.0817+0.9311i	1.4215+3.2475i	-1.5266+0.2695i	1.7307+1.7657i	-0.3103-3.5160i
38.8	6.4460-7.0030i	8.1965-3.6619i	-0.8571-0.1069i	2.0859+0.8406i	1.5765+3.2055i	-1.3686+0.4736i	1.7746+1.6416i	-0.4950-3.5363i
38.9	6.7747-6.8934i	8.6670-3.7321i	-0.6286+0.0066i	2.1472+0.7166i	1.7205+3.2170i	-1.2578+0.6677i	1.8242+1.5360i	-0.6421-3.6040i
39.0	7.0914-6.5900i	9.0309-3.3602i	-0.2781+0.6006i	2.2192+0.6425i	1.8533+3.2635i	-1.1517+0.7955i	1.8772+1.4250i	-0.7936-3.6804i
39.1	6.9251-6.4285i	8.8815-3.3633i	-0.4527+0.2991i	2.2350+0.5303i	1.9981+3.2143i	-0.9623+0.9100i	1.9121+1.2848i	-0.9649-3.6645i
39.2	6.9130-6.3964i	8.9767-3.5045i	-0.7347-0.1920i	2.2170+0.3981i	2.1382+3.2081i	-0.7845+1.0099i	1.9267+1.1586i	-1.1280-3.6970i
39.3	7.0907-6.1170i	9.2852-3.2817i	-0.3664+0.3237i	2.2461+0.3074i	2.2889+3.1797i	-0.6856+1.0716i	1.9357+1.0357i	-1.2808-3.6926i
39.4	7.1416-6.0430i	9.4286-3.3683i	-0.0577+0.3178i	2.2085+0.1879i	2.4404+3.0777i	-0.5224+1.1093i	1.9056+0.9040i	-1.4623-3.6172i
39.5	7.0864-5.9263i	9.4324-3.4400i	0.0626-0.1071i	2.1464+0.0690i	2.5725+3.0033i	-0.3611+1.1202i	1.8668+0.7774i	-1.6286-3.5741i
39.6	7.1459-5.6210i	9.4296-3.2959i	-0.5658+0.2550i	2.1221-0.0616i	2.7304+2.9069i	-0.2183+1.0646i	1.8296+0.6476i	-1.8446-3.5230i
39.7	7.3919-5.4601i	9.7257-3.1750i	-0.4048+0.7213i	2.1019-0.1249i	2.8853+2.8375i	-0.1021+1.0237i	1.8072+0.5386i	-2.0365-3.4511i
39.8	7.6370-5.3148i	9.9785-3.1887i	-0.1974+0.2479i	2.0228-0.2015i	2.9720+2.7301i	0.0059+0.9903i	1.7331+0.4346i	-2.1609-3.3315i
39.9	7.4197-4.9367i	9.6056-3.0329i	-0.8965+0.1557i	1.8615-0.2182i	2.9943+2.5390i	0.0672+0.9389i	1.5999+0.3509i	-2.2137-3.1025i
40.0	7.7501-4.7450i	10.0839-2.8912i	-0.4720+0.4036i	1.8510-0.2533i	3.1330+2.4610i	0.1897+0.8818i	1.5674+0.2984i	-2.3771-3.0535i
40.1	8.2364-4.7310i	10.6703-2.9644i	0.6071+0.0178i	1.8266-0.3160i	3.2474+2.3634i	0.2458+0.8531i	1.5208+0.2299i	-2.5019-2.9639i
40.2	8.0322-4.3502i	10.3660-2.7286i	-0.0867+0.5246i	1.7617-0.2648i	3.2772+2.2514i	0.3044+0.7735i	1.4356+0.2134i	-2.6120-2.8094i
40.3	8.3600-4.0260i	10.6492-2.4781i	-1.0079+2.1483i	1.7108-0.2959i	3.3042+2.1266i	0.3202+0.6905i	1.3643+0.1645i	-2.6604-2.7031i
40.4	8.7963-3.8747i	11.0301-2.3894i	-1.0592+1.6529i	1.6675-0.2961i	3.3436+2.0005i	0.3532+0.6415i	1.2803+0.1455i	-2.7303-2.5203i
40.5	9.1218-3.9261i	11.4184-2.4992i	-0.4095+0.3705i	1.6657-0.3078i	3.3819+1.8477i	0.3960+0.5845i	1.2394+0.1000i	-2.7802-2.3336i
40.6	9.3468-4.1272i	11.5976-2.8500i	0.4479-0.0015i	1.6320-0.3787i	3.3846+1.7428i	0.4295+0.5699i	1.1975+0.0247i	-2.7957-2.2216i
40.7	9.8520-3.6993i	12.1586-2.3981i	1.1498+1.6814i	1.6516-0.3648i	3.4527+1.7123i	0.4232+0.5339i	1.1699+0.0212i	-2.8747-2.1578i
40.8	10.0445-3.3379i	12.2115-2.1406i	0.6070+1.9646i	1.5905-0.3381i	3.3936+1.6390i	0.4123+0.4723i	1.1140+0.0158i	-2.8144-2.0076i
40.9	10.2320-3.1548i	12.2922-2.0181i	-0.4042+2.1741i	1.5597-0.3440i	3.3900+1.5535i	0.4386+0.4272i	1.0582-0.0177i	-2.8071-1.9096i
41.0	10.5647-2.9667i	12.6201-1.8580i	-0.0758+2.4882i	1.5810-0.3445i	3.3984+1.4792i	0.4465+0.3725i	1.0179-0.0441i	-2.8574-1.7892i
41.1	10.7698-2.7529i	12.9062-1.7116i	0.3414+2.2086i	1.5384-0.3687i	3.3822+1.3807i	0.4229+0.3501i	0.9666-0.0606i	-2.8395-1.6400i
41.2	11.0282-2.6825i	13.1511-1.7630i	0.1929+1.0312i	1.5293-0.3795i	3.3690+1.3119i	0.4305+0.3324i	0.9087-0.0836i	-2.7775-1.5393i
41.3	11.4590-2.7687i	13.6077-1.9152i	0.5182+0.1920i	1.4967-0.4554i	3.3686+1.2079i	0.4477+0.3033i	0.8344-0.1238i	-2.7481-1.3923i
41.4	11.4396-2.8150i	13.4107-2.0475i	-0.1826+0.1864i	1.4814-0.4484i	3.2872+1.1095i	0.4803+0.2463i	0.7764-0.1357i	-2.6289-1.2638i
41.5	11.4614-2.7462i	13.2978-1.9966i	-0.5554+0.3214i	1.3827-0.4303i	3.2526+1.0710i	0.5179+0.2286i	0.6947-0.1329i	-2.5620-1.2198i
41.6	12.3342-2.5441i	14.3470-1.8174i	0.5065+0.0162i	1.4040-0.3813i	3.2865+1.0698i	0.4781+0.2092i	0.6545-0.0906i	-2.6008-1.2171i
41.7	12.5162-2.6083i	14.4942-1.9803i	0.2254-0.5604i	1.4136-0.4546i	3.2481+1.0429i	0.4979+0.2027i	0.6340-0.1652i	-2.5339-1.1545i
41.8	12.8807-2.3133i	14.7282-1.6019i	-0.3112+0.0752i	1.4247-0.3900i	3.2058+1.0549i	0.4975+0.1453i	0.6010-0.1302i	-2.4692-1.1434i
41.9	13.1695-2.2488i	15.0124-1.5105i	-0.2474+0.8213i	1.3953-0.4963i	3.2268+1.0830i	0.5130+0.1064i	0.5328-0.2110i	-2.4445-1.1486i
42.0	13.5184-1.9178i	15.3657-1.2230i	0.2091+0.4097i	1.4011-0.4642i	3.2291+1.0480i	0.5002+0.0983i	0.4749-0.1933i	-2.3960-1.0873i
42.1	13.9897-1.4806i	15.8229-0.7244i	-0.0344+0.9016i	1.3232-0.4443i	3.2743+1.0929i	0.4887+0.0485i	0.3804-0.1709i	-2.3795-1.1528i
42.2	14.3399-1.5911i	16.0611-0.8422i	-0.2510+1.2164i	1.4322-0.3453i	3.2188+1.0389i	0.4482-0.0010i	0.4536-0.1008i	-2.3801-1.1224i
42.3	14.5572-1.8271i	16.3275-1.0707i	0.6609+1.1745i	1.5105-0.4921i	3.2575+1.0272i	0.4076+0.0191i	0.4726-0.1904i	-2.3540-1.0294i
42.4	15.0651-1.6793i	16.9300-0.9365i	0.6344+1.3058i	1.4492-0.5772i	3.3144+1.0757i	0.4327+0.0096i	0.3961-0.2605i	-2.3398-1.0838i
42.5	15.5700-1.4385i	17.4649-0.6332i	0.3394+2.0372i	1.4052-0.5457i	3.3695+1.0390i	0.4102-0.0382i	0.3095-0.2406i	-2.3448-1.0249i
42.6	16.0703-1.4122i	17.9541-0.6729i	1.1723+0.6887i	1.4792-0.5982i	3.3872+1.0325i	0.3990-0.0263i	0.2992-0.3062i	-2.2939-1.0576i
42.7	16.3322-1.4218i	18.1510-0.6976i	1.2486+0.6259i	1.4047-0.7367i	3.4163+1.0650i	0.3870-0.0133i	0.2038-0.3821i	-2.2802-1.0752i
42.8	16.6374-1.5347i	18.5000-0.8867i	-0.2603+0.2248i	1.2677-0.6936i	3.4911+0.9538i	0.4157-0.0397i	0.0608-0.3149i	-2.3271-1.0339i
42.9	16.9254-1.4457i	18.8421-0.8001i	0.1314+0.5819i	1.2198-0.6613i	3.5183+0.9114i	0.3681-0.0418i	0.0044-0.3035i	-2.3433-1.0220i
43.0	17.3762-1.3553i	19.3131-0.7146i	1.2070+0.7306i	1.2580-0.5544i	3.4796+0.8451i	0.3782-0.0288i	0.0253-0.2312i	-2.2577-0.9599i
43.1	18.2751-1.4615i	20.2648-0.7627i	1.3102+0.3030i	1.3117-0.7083i	3.5584+0.8834i	0.4164-0.0445i	-0.0064-0.3472i	-2.2929-1.0528i
43.2	18.5611-1.2705i	20.6359-0.5834i	1.9843+0.3742i	1.2723-0.7867i	3.5780+0.9252i	0.3771-0.0310i	-0.0803-0.4299i	-2.2891-1.0776i
43.3	18.6664-1.1747i	20.6504-0.4867i	0.3836+1.1492i	1.2163-0.8050i	3.6192+0.8935i	0.3839-0.0872i	-0.1695-0.4148i	-2.3390-1.1024i
43.4	19.0424-0.8641i	20.9906-0.0757i	-0.1039+2.1964i	1.0996-0.7361i	3.6827+0.8468i	0.3653-0.1155i	-0.3081-0.3207i	-2.4410-1.0852i

43.5	19.6822-1.0517i	21.6554-0.3419i	-0.4400+1.0239i	1.1484-0.6320i	3.6885+0.8067i	0.4005-0.0731i	-0.2740-0.2598i	-2.4488-1.0629i
43.6	19.6631-1.5993i	21.5145-1.0691i	-2.4591+0.4882i	0.9923-0.7002i	3.7029+0.7213i	0.4111-0.1195i	-0.4197-0.2585i	-2.5129-0.9788i
43.7	20.3134-1.5105i	22.3227-1.0252i	-1.0070-0.2316i	1.0030-0.6803i	3.7411+0.6974i	0.3923-0.0871i	-0.4662-0.2463i	-2.5249-0.9397i
43.8	20.8695-1.2374i	22.8995-0.5736i	0.3485+0.3863i	1.0611-0.7398i	3.7804+0.7710i	0.3938-0.0680i	-0.4739-0.3115i	-2.4922-0.9596i
43.9	20.9297-0.9371i	22.9050-0.1612i	-0.3046+2.2123i	0.9214-0.8113i	3.8243+0.7927i	0.3993-0.1144i	-0.6177-0.3506i	-2.5578-1.0142i
44.0	21.4307-0.8299i	23.4415-0.0802i	-0.5466+1.6225i	0.8005-0.7687i	3.9050+0.7436i	0.4295-0.1513i	-0.7795-0.3067i	-2.6001-1.0030i
44.1	22.4146-1.0486i	24.6024-0.3729i	1.1759+0.3496i	0.7513-0.6562i	4.0068+0.6635i	0.4021-0.1208i	-0.8677-0.1968i	-2.7606-0.9255i
44.2	22.5063-1.2179i	24.7410-0.5732i	1.5319+0.7095i	0.6865-0.5902i	4.0141+0.5699i	0.3994-0.1539i	-0.9569-0.1117i	-2.7261-0.7883i
44.3	22.7491-1.3042i	24.9550-0.7345i	-0.4103+0.7346i	0.7394-0.4046i	3.9955+0.5078i	0.4220-0.1951i	-0.9301+0.0464i	-2.7404-0.7337i
44.4	23.3052-1.3831i	25.5371-0.8434i	-0.3671-0.3975i	0.7457-0.4569i	4.0361+0.5220i	0.4560-0.1677i	-0.9802+0.0012i	-2.7367-0.6873i
44.5	24.1578-1.3710i	26.4819-0.7622i	-0.8778+0.1731i	0.7415-0.4371i	4.1489+0.4675i	0.4678-0.2172i	-1.0581+0.0789i	-2.7031-0.6619i
44.6	24.2557-1.3488i	26.5134-0.7660i	0.4920-0.0151i	0.7017-0.4193i	4.1307+0.4794i	0.4456-0.1999i	-1.1050+0.0815i	-2.6852-0.7196i
44.7	24.5397-1.2267i	26.7923-0.5647i	0.2376-0.2379i	0.6518-0.4345i	4.1957+0.4783i	0.4619-0.2247i	-1.2032+0.0729i	-2.7881-0.7224i
44.8	25.2477-1.3268i	27.6817-0.6742i	0.9820-0.1835i	0.5649-0.3637i	4.3358+0.3925i	0.4634-0.2613i	-1.3630+0.1914i	-2.8720-0.6483i
44.9	26.0021-1.3818i	28.4738-0.7248i	-0.4459+1.2615i	0.6996-0.2850i	4.3825+0.3361i	0.4371-0.3338i	-1.3043+0.2632i	-2.8956-0.6323i
45.0	26.0100-1.1363i	28.3413-0.4341i	-1.8284+2.7331i	0.6416-0.1538i	4.3523+0.2924i	0.4045-0.3728i	-1.3594+0.3837i	-2.9346-0.4888i
45.1	26.7483-1.7399i	29.2317-1.2466i	-0.1487-0.7558i	0.7868-0.0964i	4.3876+0.1987i	0.4423-0.3172i	-1.2971+0.4608i	-2.8454-0.4380i
45.2	27.8205-1.7745i	30.4642-1.3289i	-0.3914-1.5542i	0.6664-0.1656i	4.6142+0.1941i	0.4741-0.3057i	-1.5464+0.4499i	-3.0367-0.4626i
45.3	28.2553-1.9323i	30.9679-1.3816i	-0.4345-0.0835i	0.6945-0.0798i	4.6304+0.0534i	0.4398-0.3475i	-1.5522+0.5903i	-3.0490-0.3294i
45.4	29.0589-1.2225i	31.9648-0.4416i	3.1327+3.6163i	0.8550-0.0963i	4.6794+0.1640i	0.3460-0.3275i	-1.5081+0.5080i	-2.9981-0.3806i
45.5	30.4637-0.7594i	33.5737+0.1603i	5.4064+3.1486i	0.8530-0.1386i	4.8825+0.2018i	0.4080-0.3108i	-1.6645+0.4781i	-3.0960-0.4371i
45.6	30.8343-1.8140i	33.9513-1.2705i	2.7181-1.5981i	0.8092-0.0760i	4.9535-0.0061i	0.5379-0.3585i	-1.7722+0.6699i	-3.1569-0.3044i
45.7	30.3462-1.9395i	33.2741-1.4022i	-0.6747-0.9393i	0.8778-0.0000i	4.8429-0.0967i	0.5183-0.4364i	-1.6459+0.7690i	-3.0858-0.1798i
45.8	30.5218-1.6244i	33.3818-0.9746i	-1.2065+0.8207i	0.8632+0.0796i	4.8516-0.1296i	0.4971-0.5034i	-1.6926+0.8122i	-3.0481-0.1324i
45.9	31.2636-1.9955i	34.1193-1.5339i	-1.2336-1.3869i	0.8676+0.1327i	4.9183-0.2414i	0.5455-0.4838i	-1.7587+0.9506i	-3.0596-0.0652i
46.0	32.3479-2.0062i	35.3303-1.5346i	-0.3479+0.0464i	0.9746+0.1274i	5.0472-0.2834i	0.5229-0.5222i	-1.7826+0.9882i	-3.1020-0.0827i
46.1	33.4154-2.4949i	36.6184-2.0805i	-0.0713+1.5660i	1.0301+0.0617i	5.1578-0.4179i	0.4612-0.5927i	-1.8370+1.0242i	-3.1762+0.0132i
46.2	33.7541-2.0029i	36.9111-1.4280i	-1.7523+2.1748i	1.0671+0.0854i	5.2276-0.3944i	0.5263-0.6609i	-1.9050+1.0262i	-3.1713-0.0084i
46.3	34.8214-2.8203i	38.0917-2.3847i	-1.1067-0.6145i	1.1033+0.0897i	5.3573-0.5787i	0.5918-0.6669i	-1.9873+1.1851i	-3.2708+0.0984i
46.4	35.0948-3.6552i	38.3548-3.4202i	-0.9006-3.0023i	1.1067+0.0070i	5.3359-0.7364i	0.6103-0.7008i	-1.9889+1.2765i	-3.2595+0.1654i
46.5	36.8359-4.0213i	40.4952-3.8440i	3.4038-6.2791i	1.0446+0.0724i	5.5420-0.8931i	0.5901-0.6558i	-2.2080+1.4660i	-3.4343+0.2786i
46.6	36.6503-4.5894i	40.1879-4.4606i	-2.9590-4.3224i	1.1000+0.0703i	5.5252-1.0425i	0.6265-0.8561i	-2.1513+1.5260i	-3.3721+0.4261i
46.7	37.2897-3.7500i	40.7269-3.3760i	-2.4306+0.1952i	1.0280+0.1134i	5.6022-1.0402i	0.4953-0.9613i	-2.2954+1.5995i	-3.4042+0.4359i
46.8	38.4705-4.1497i	42.0946-3.7766i	0.3646-0.1438i	1.0266+0.1988i	5.7060-1.2365i	0.4240-0.9775i	-2.3950+1.8414i	-3.4792+0.5772i
46.9	38.9424-5.2130i	42.7050-4.9899i	0.5917-3.0876i	1.2578+0.3536i	5.5957-1.4963i	0.4288-0.9454i	-2.1317+2.1204i	-3.3394+0.8637i
47.0	39.3201-5.1485i	43.0556-4.8196i	0.3635-0.2438i	1.3805+0.2721i	5.6096-1.5257i	0.3812-1.0435i	-2.0994+2.0834i	-3.2679+0.8260i
47.1	41.5236-5.9831i	45.6648-5.8325i	2.3456-3.2195i	1.3793+0.1841i	5.8133-1.6930i	0.3685-1.0661i	-2.2063+2.1488i	-3.3426+0.8491i
47.2	42.0841-6.2981i	46.2366-6.1093i	-2.2430-1.1279i	1.3740+0.1677i	5.8801-1.8249i	0.3495-1.2547i	-2.2851+2.2164i	-3.3975+0.9017i
47.3	41.2342-5.1601i	45.1325-4.7005i	-5.2598+2.9080i	1.4005+0.3033i	5.7378-1.8036i	0.2752-1.3530i	-2.2444+2.3151i	-3.3607+0.9609i
47.4	43.1661-5.9943i	47.3123-5.5824i	-2.0709+3.2891i	1.5526+0.2495i	5.9083-1.9910i	0.2099-1.3904i	-2.2673+2.4474i	-3.3988+1.0427i
47.5	43.9413-6.7494i	48.1696-6.4433i	-1.7280+4.0122i	1.5704+0.1983i	5.9615-2.1793i	0.1314-1.4658i	-2.3241+2.5692i	-3.4130+1.1556i
47.6	44.9084-7.1746i	49.3744-6.7878i	1.2755+2.1649i	1.5932+0.2053i	5.9678-2.3902i	0.0597-1.4327i	-2.3084+2.7532i	-3.3794+1.2533i
47.7	45.3238-8.1139i	49.8878-7.8754i	0.0895+0.4263i	1.6476+0.1702i	5.8872-2.5833i	0.0697-1.4919i	-2.2032+2.9102i	-3.3886+1.4370i
47.8	44.7388-9.7728i	49.1242-9.8712i	-7.8052+1.5397i	1.6367+0.0540i	5.7664-2.8315i	0.0176-1.7763i	-2.1161+2.9939i	-3.2597+1.6592i
47.9	45.6671-8.7027i	50.2433-8.4294i	-3.3015+4.9059i	1.7120+0.2166i	5.7244-2.8789i	-0.1917-1.7518i	-2.0302+3.1708i	-3.1617+1.8099i
48.0	47.5692-9.7426i	52.5049-9.5862i	-0.6732+2.2937i	1.8838+0.0395i	5.7966-3.0595i	-0.2587-1.7892i	-2.0105+3.2199i	-3.0595+1.8379i
48.1	48.2345-11.5074i	53.2725-11.5275i	0.7461-0.1913i	1.8929-0.0873i	5.7528-3.3211i	-0.3954-1.8490i	-2.0048+3.3464i	-2.9997+1.9496i
48.2	48.1355-11.3206i	53.1723-11.2537i	0.1344-1.2729i	1.8174-0.0789i	5.6392-3.3880i	-0.5242-1.8148i	-1.9780+3.4227i	-2.9102+1.9614i
48.3	48.8449-10.0854i	54.0757-9.7718i	1.1658+3.2672i	1.8510+0.0934i	5.6245-3.3085i	-0.6386-1.8421i	-1.9606+3.4579i	-2.9066+2.0122i
48.4	49.9127-11.3929i	55.3121-11.2532i	2.0712+2.4278i	1.9039+0.0409i	5.6040-3.5717i	-0.8518-1.8955i	-1.9076+3.6620i	-2.7987+2.1423i
48.5	50.6347-12.3873i	56.2389-12.3867i	3.4398-1.0992i	2.0188-0.0525i	5.4801-3.7051i	-0.9901-1.8146i	-1.7096+3.6923i	-2.5453+2.2095i
48.6	52.5285-10.4802i	58.4299-9.9707i	8.8635+7.2209i	2.1296+0.0295i	5.5671-3.5375i	-1.2834-1.7852i	-1.7558+3.6418i	-2.5399+2.0480i
48.7	51.7421-11.8657i	57.4947-11.7618i	4.2447+4.4198i	2.1641-0.1010i	5.3180-3.5574i	-1.2649-1.6816i	-1.5648+3.5473i	-2.3819+2.0017i
48.8	52.5439-14.6850i	58.5174-15.1317i	2.2997-2.9590i	2.1467-0.2557i	5.2964-3.8939i	-1.3256-1.6544i	-1.5663+3.7117i	-2.2994+2.1266i
48.9	52.1669-13.0838i	57.9158-13.3041i	-3.0610+3.7973i	2.1414-0.1826i	5.2096-3.7177i	-1.4361-1.7525i	-1.5152+3.5912i	-2.2864+1.9927i
49.0	52.8516-13.9028i	58.6866-14.2959i	-5.3723+2.7875i	2.0950-0.2175i	5.2254-3.8417i	-1.5354-1.7731i	-1.5910+3.6533i	-2.2311+2.1030i
49.1	55.1694-15.8441i	61.5321-16.5701i	-0.0266-2.1882i	2.2204-0.4192i	5.3275-4.0622i	-1.6415-1.5907i	-1.6362+3.7603i	-2.1581+2.1752i
49.2	55.0617-17.5587i	61.3922-18.5056i	-5.2192-4.5974i	2.1175-0.5191i	5.2555-4.2550i	-1.6557-1.5296i	-1.6621+3.8880i	-2.1691+2.1454i
49.3	57.7365-18.7281i	64.4794-19.7805i	0.9775-4.9858i	2.2133-0.5550i	5.4460-4.4270i	-1.8515-1.4519i	-1.7588+4.0235i	-2.1932+2.2487i
49.4	59.9739-16.2486i	66.8171-16.7579i	2.0229+7.0011i	2.3032-0.3123i	5.6615-4.3001i	-2.1731-1.5525i	-1.9117+4.0648i	-2.1987+2.1326i
49.5	62.0759-15.4491i	69.1518-15.7702i	4.8683+6.0890i	2.5465-0.4111i	5.8785-4.2367i	-2.1914-1.5212i	-2.0305+3.9747i	-2.2939+2.0671i
49.6	62.4282-19.9170i	69.6560-20.9519i	0.9260-3.3648i	2.3670-0.7142i	5.8292-4.7456i	-2.2162-1.4374i	-2.1210+4.2387i	-2.2319+2.2576i
49.7	61.8290-21.8325i	68.8670-23.1674i	-2.8648-2.2675i	2.2520-0.7527i	5.6968-4.9766i	-2.4122-1.3915i	-2.1334+4.4358i	-2.0956+2.3548i

49.8	62.7931-24.0981i	70.0054-25.6115i	-1.5361-3.6468i	2.1945-0.8290i	5.6841-5.3260i	-2.5996-1.2190i	-2.2253+4.7175i	-2.0559+2.4113i
49.9	65.1286-25.2518i	72.7675-26.8592i	0.0380-10.5035i	2.2735-0.8377i	5.8296-5.5703i	-2.6930-0.9961i	-2.2436+4.9952i	-2.0579+2.5351i
50.0	68.0092-24.2932i	75.8769-25.4870i	3.5293-1.9550i	2.4556-0.7659i	6.1090-5.6002i	-2.9606-0.9578i	-2.4735+5.0658i	-2.1736+2.4224i
50.1	69.8029-25.1047i	77.9088-26.2991i	2.9960+5.1418i	2.5844-0.8636i	6.2037-5.7997i	-3.1018-1.0166i	-2.5717+5.2284i	-2.2123+2.5393i
50.2	70.0188-31.9832i	78.3963-34.1896i	-0.3946-10.1691i	2.3873-1.2151i	5.9855-6.6532i	-3.1224-0.7147i	-2.4793+5.8395i	-2.0460+2.8759i
50.3	69.5073-33.4206i	77.7752-35.7297i	0.2315-6.9424i	2.3457-1.2415i	5.8297-6.8842i	-3.3799-0.5909i	-2.4526+6.0869i	-1.9064+2.8980i
50.4	70.1629-34.8337i	78.5500-37.1970i	-0.1680-5.9904i	2.3257-1.2161i	5.7400-7.1829i	-3.5222-0.3181i	-2.4129+6.4174i	-1.9170+2.9344i
50.5	68.0237-37.3527i	76.2057-40.0830i	-9.9448-8.7646i	2.0845-1.0923i	5.2469-7.5153i	-3.5022-0.1466i	-2.0759+6.8278i	-1.6631+3.1513i
50.6	70.8290-37.8790i	79.4370-40.4560i	-7.7591-2.9006i	2.4250-1.0050i	5.3141-7.6435i	-3.6785+0.0148i	-1.9277+7.0155i	-1.4898+3.1934i
50.7	71.4705-40.3588i	80.1022-43.1854i	-7.5044-4.7635i	2.3769-1.2003i	5.2650-8.0398i	-3.8055+0.1957i	-1.9815+7.3283i	-1.3633+3.2015i
50.8	69.5409-41.5088i	77.9494-44.4047i	-8.9349-5.1205i	2.2358-1.1676i	4.8719-8.1855i	-3.8103+0.4170i	-1.7862+7.6422i	-1.1517+3.1238i
50.9	68.2242-42.7809i	76.5864-45.7989i	-18.4751-1.1556i	2.2591-1.1418i	4.5221-8.2451i	-3.8695+0.5383i	-1.3686+7.6327i	-1.1384+2.9761i
51.0	71.1026-45.2994i	79.9521-48.3440i	-12.6275-1.5597i	2.3920-1.2304i	4.6235-8.7796i	-4.0418+0.8563i	-1.4691+8.1534i	-1.0417+3.2516i
51.1	72.1100-48.5069i	81.2724-51.8762i	-9.5548+2.6256i	2.6028-1.3926i	4.4266-9.1687i	-4.0978+1.0608i	-1.2270+8.5290i	-0.9764+3.3707i
51.2	70.0333-52.0766i	78.9562-55.9273i	-12.8564+4.3425i	2.4597-1.4431i	3.8465-9.5045i	-4.1726+1.4235i	-0.8187+8.8438i	-0.6245+3.3754i
51.3	70.7684-58.3483i	80.1922-62.8043i	-8.9356-3.2964i	2.4886-1.7732i	3.4468-10.2729i	-4.2775+1.9572i	-0.3919+9.5389i	-0.3699+3.5305i
51.4	70.4540-60.8359i	80.0721-65.5951i	-9.9767-4.0089i	2.4594-1.8996i	3.0455-10.5423i	-4.3693+2.3330i	-0.0549+9.8514i	-0.1570+3.4318i
51.5	66.9893-63.5852i	76.4162-68.7768i	-16.1301-7.6610i	2.2753-2.0344i	2.2986-10.6330i	-4.1306+2.7046i	0.5107+9.9844i	0.1495+3.3993i
51.6	65.9770-67.3097i	75.4013-72.8696i	-18.4951-6.0646i	2.3229-2.1244i	1.7732-10.8267i	-4.1057+3.1818i	1.0302+10.2816i	0.4650+3.2205i
51.7	63.7714-70.6258i	73.0301-76.3476i	-20.2131-6.8695i	2.3706-2.3085i	1.2274-10.8968i	-3.9901+3.7147i	1.6199+10.5184i	0.7649+2.9576i
51.8	61.8481-72.1102i	71.0662-77.8022i	-21.0493-0.0695i	2.4349-2.5040i	0.9807-10.6954i	-3.7467+4.2683i	2.0268+10.4562i	0.6503+2.4719i
51.9	60.6183-74.1256i	69.9583-79.8376i	-19.0417+15.1017i	2.5410-2.7178i	0.9597-10.6940i	-3.5477+4.6219i	2.3322+10.4991i	0.5818+2.3409i
52.0	53.5630-77.0950i	62.6657-83.3131i	-19.3386+8.4981i	1.9617-3.0667i	0.0921-10.9573i	-2.5270+5.0613i	3.2504+10.5458i	0.4394+2.1106i
52.1	49.1466-77.1327i	58.2130-83.5745i	-17.5676+2.9326i	1.3688-3.1759i	-0.4584-11.0908i	-1.9134+5.0397i	3.6746+10.5086i	0.3499+2.2209i
52.2	47.5418-74.1603i	56.6636-80.5483i	-24.7380+6.2637i	1.3005-2.7437i	-0.9072-10.7672i	-1.5365+4.7688i	4.1762+10.2547i	0.3587+2.0862i
52.3	47.9060-73.8611i	56.9881-80.0605i	-27.4474+12.8202i	1.1585-2.7181i	-1.0202-10.8563i	-1.5592+4.7281i	4.1329+10.2989i	0.4568+2.2206i
52.4	42.6612-76.1504i	51.6281-83.0044i	-25.9331+9.6257i	0.8236-2.7700i	-2.0767-10.8228i	-0.9826+4.8712i	5.0527+10.2103i	0.5943+2.0714i
52.5	39.2122-77.8000i	48.3044-85.1935i	-24.6336+4.8191i	0.4939-2.7632i	-2.9028-10.7747i	-0.5538+5.1429i	5.7463+10.1860i	0.5834+1.9824i
52.6	38.7559-76.6591i	47.8536-83.9911i	-17.8489+8.9161i	0.6162-2.7116i	-3.1181-10.5094i	-0.3099+5.1695i	6.0218+10.0195i	0.5734+1.9549i
52.7	39.6059-75.1142i	48.7591-82.2211i	-24.2870+17.6334i	0.7015-2.4646i	-3.1628-10.2502i	-0.1306+4.9906i	6.1077+9.8988i	0.6397+1.7930i
52.8	39.0222-76.3947i	48.3061-83.7312i	-16.6391+29.2756i	0.8198-2.5742i	-3.3631-10.1946i	-0.1253+4.9199i	6.3482+9.7884i	0.5668+1.7137i
52.9	35.2557-76.9916i	44.4507-84.8085i	-15.3079+27.2542i	0.5539-2.4931i	-4.0877-9.9514i	0.3088+5.0722i	6.9796+9.6846i	0.6816+1.5498i
53.0	32.5661-76.2919i	41.7383-84.1945i	-19.0861+28.4329i	0.4492-2.3317i	-4.6480-9.5564i	0.7466+4.9186i	7.5446+9.4168i	0.6230+1.3663i
53.1	29.7829-76.8895i	39.0868-85.2084i	-10.8936+15.3776i	0.2271-2.6021i	-5.2272-9.2894i	1.4486+5.0018i	8.2003+9.0895i	0.5126+1.3856i
53.2	28.9330-75.5334i	38.1361-83.8286i	-19.8267+26.6898i	0.1966-2.2967i	-5.3640-8.9337i	1.5133+4.4859i	8.2901+8.8685i	0.5503+1.3834i
53.3	25.8189-73.4435i	34.5031-81.9456i	-16.8300+32.2747i	0.0948-2.1333i	-5.5721-8.2052i	1.6260+4.1596i	8.5049+8.2426i	0.4656+1.1883i
53.4	23.8016-71.7877i	32.4526-80.6092i	-22.2500+32.4622i	-0.0719-1.7674i	-5.8791-7.6033i	1.9994+3.7164i	8.8461+7.8594i	0.4115+1.3394i
53.5	22.6431-73.7442i	31.6181-83.1160i	-17.5334+37.0121i	0.0480-1.7154i	-6.2624-7.4126i	2.1715+3.6594i	9.5469+7.7462i	0.6751+1.1688i
53.6	20.1138-73.0230i	28.8925-82.3731i	-2.9352+39.3709i	0.1797-1.8389i	-6.4123-7.1502i	2.3519+3.4935i	9.8464+7.4510i	0.3420+1.0475i
53.7	18.9025-70.4874i	27.3928-79.5983i	-2.1664+33.1637i	0.0797-1.7096i	-6.3391-6.8836i	2.2973+3.0823i	9.8416+7.2880i	0.2713+1.1922i
53.8	16.6264-68.4758i	24.7926-77.6138i	-6.5016+39.6125i	0.2372-1.5554i	-6.5098-6.4620i	1.8966+2.6721i	10.3314+6.9176i	0.4375+1.2021i
53.9	13.9879-65.5780i	22.3741-74.8178i	-6.7339+41.6807i	0.2727-1.5081i	-6.8475-5.8916i	1.5769+2.6255i	11.0199+6.0900i	0.6295+1.0934i
54.0	14.9532-61.1901i	23.7338-70.4424i	-9.2948+33.7808i	0.0135-1.4379i	-6.8020-5.3465i	1.5758+2.7702i	10.9738+5.3480i	0.6180+0.8747i
54.1	17.1660-59.2673i	26.2202-68.5591i	-2.2845+34.3285i	0.0584-1.3539i	-6.7613-5.1727i	1.7998+3.3527i	10.9487+5.0651i	0.4182+0.7863i
54.2	19.3917-61.0733i	29.1062-70.8377i	2.3493+39.0704i	0.3263-1.6147i	-6.8984-5.1721i	2.3690+3.3875i	11.2211+4.7910i	0.2309+0.6266i
54.3	17.0416-58.6882i	26.1195-68.9260i	3.1244+41.0691i	0.1808-1.3012i	-6.9799-4.4334i	2.4303+2.9949i	11.0687+4.0522i	0.2107+0.6502i
54.4	17.4457-56.5375i	25.9235-66.5850i	5.4305+41.7467i	0.3297-1.2567i	-6.6577-4.0991i	2.3640+2.9266i	10.6862+3.7633i	0.0633+0.5794i
54.5	17.3296-56.3169i	25.9659-66.6961i	8.8215+43.5493i	0.4402-1.2541i	-6.7503-3.7821i	2.5483+2.9188i	10.9184+3.3862i	-0.0920+0.5578i
54.6	17.8811-56.5587i	26.8270-67.4139i	1.7488+47.0940i	0.5764-1.0133i	-6.8673-3.4696i	2.6584+2.7613i	11.2164+3.0592i	-0.1617+0.5021i
54.7	18.2519-55.9250i	27.5354-67.1025i	2.1901+40.0257i	0.4635-1.1418i	-6.9458-3.1154i	3.1666+2.5494i	11.3009+2.5947i	-0.3535+0.6948i
54.8	18.5084-55.4852i	27.8163-67.3858i	4.3264+36.6661i	0.3250-1.2764i	-6.8419-2.6389i	3.3928+1.9463i	11.1792+1.9187i	-0.2929+1.0407i
54.9	18.8297-55.1346i	28.1380-67.2386i	10.7399+34.0805i	0.2072-1.2574i	-6.8122-2.4997i	3.1024+1.8942i	11.0904+1.6957i	-0.0080+0.9527i
55.0	17.9903-54.9989i	27.0293-67.7680i	10.9544+32.6844i	0.2065-1.2628i	-6.8264-2.0386i	3.2697+1.7919i	11.1310+1.1246i	-0.0884+0.8923i
55.1	17.7511-53.6176i	26.1834-66.4358i	6.7121+35.2864i	0.2812-1.1914i	-6.5555-1.6695i	3.1430+1.5941i	10.8417+0.7129i	-0.1036+0.8356i
55.2	19.4389-53.7435i	28.3639-66.8400i	9.3991+43.7287i	0.5749-1.2001i	-6.5540-1.5447i	3.2128+1.6773i	11.0200+0.4670i	-0.2309+0.8496i
55.3	18.6467-53.2987i	27.1539-67.2562i	5.3753+43.5353i	0.5379-1.0686i	-6.3830-1.0987i	3.2002+1.4004i	10.7827-0.0551i	-0.1474+0.8029i
55.4	18.8101-53.9338i	27.4065-68.4701i	9.5074+46.9704i	0.5774-1.1161i	-6.4202-0.7777i	3.4878+1.2883i	10.8597-0.6088i	-0.2363+0.8315i
55.5	21.0433-54.1385i	30.1632-68.9583i	15.9709+45.8014i	0.5321-1.3149i	-6.3561-0.6703i	3.7535+1.0492i	10.8395-0.8294i	-0.3099+0.9509i
55.6	20.0120-54.3774i	28.4039-70.0478i	18.1839+43.0575i	0.3291-1.3011i	-6.1180-0.2869i	3.3919+0.6074i	10.3770-1.3172i	-0.1574+1.0162i
55.7	20.4761-55.3375i	28.8662-71.8467i	19.2053+41.7847i	0.3482-1.3088i	-6.0468+0.0172i	3.4718+0.6566i	10.3375-1.7293i	-0.2064+0.9660i
55.8	19.3752-54.1176i	26.6327-70.9174i	20.6548+48.2639i	0.4676-1.2653i	-5.6722+0.3697i	3.3969+0.4873i	9.8738-2.1772i	-0.2639+0.9195i
55.9	18.8150-55.5329i	25.5290-73.2886i	22.7283+51.6867i	0.5783-1.2537i	-5.5451+0.7262i	3.4719+0.2794i	9.7411-2.6880i	-0.3021+0.9444i
56.0	18.0890-55.4000i	23.9977-73.6426i	24.5086+50.0722i	0.5958-1.3525i	-5.1679+0.9660i	3.4595-0.0458i	9.2224-3.0347i	-0.3242+1.0018i

56.1	17.5354-54.8601i	22.6160-73.1811i	27.8997+50.8889i	0.5078-1.3091i	-4.8257+1.0545i	3.0117-0.3055i	8.6779-3.1439i	-0.1895+1.0303i
56.2	17.8341-53.5422i	22.3571-71.2812i	33.2184+49.0465i	0.5417-1.3472i	-4.5400+1.0704i	3.0288-0.0764i	8.3666-3.1645i	-0.3157+0.9827i
56.3	15.7844-52.3067i	18.9214-70.0612i	37.1008+50.4178i	0.5273-1.4235i	-4.1670+1.3216i	2.9742-0.3122i	7.7556-3.4911i	-0.3184+0.9906i
56.4	14.5881-51.1224i	16.6840-68.6775i	43.7786+50.4585i	0.5587-1.5479i	-3.8231+1.4346i	2.9175-0.4615i	7.2406-3.6210i	-0.3547+1.0303i
56.5	16.3002-50.4277i	18.5060-67.7062i	43.3026+51.0482i	0.6386-1.4953i	-3.6008+1.3256i	2.8288-0.4461i	7.0765-3.4177i	-0.4175+1.0435i
56.6	16.0350-50.3738i	17.5657-67.6685i	47.0468+49.0133i	0.5812-1.5578i	-3.3539+1.3655i	2.7545-0.5948i	6.7350-3.5131i	-0.4271+1.0923i
56.7	15.5620-48.0470i	16.4934-64.5360i	52.9164+45.8711i	0.5270-1.6510i	-3.0476+1.3102i	2.6496-0.7085i	6.1832-3.4420i	-0.4211+1.1629i
56.8	13.9316-45.8973i	13.6160-61.6680i	55.8273+44.1828i	0.3953-1.5568i	-2.7146+1.2796i	2.4632-0.7605i	5.6208-3.3040i	-0.4015+1.1528i
56.9	14.2817-44.8025i	13.7454-60.0521i	58.2351+37.9425i	0.2165-1.6084i	-2.5149+1.1914i	2.3104-0.8608i	5.2926-3.1626i	-0.3643+1.2198i
57.0	16.4948-45.6555i	16.4489-61.1283i	57.8414+38.9748i	0.2580-1.6068i	-2.4772+1.1534i	2.3044-0.9048i	5.3760-3.0927i	-0.3762+1.2783i
57.1	15.8672-44.1569i	14.8302-59.2323i	61.1285+36.1681i	0.1782-1.6247i	-2.2237+1.1515i	2.1453-1.0136i	4.9893-3.0098i	-0.3585+1.3484i
57.2	17.7540-42.6695i	17.1442-56.7621i	62.8412+31.2586i	0.0568-1.6037i	-2.1484+0.9009i	1.9343-1.0515i	4.8324-2.6263i	-0.2129+1.4320i
57.3	19.0837-38.2338i	18.2682-50.6836i	65.8516+25.9783i	0.0921-1.5513i	-1.9820+0.7160i	1.7544-0.6105i	4.6406-2.1461i	-0.2074+1.2371i
57.4	18.0210-36.9297i	16.6593-48.9322i	68.3429+27.7615i	0.0555-1.6381i	-1.7840+0.7328i	1.9126-0.7404i	4.3095-2.1970i	-0.2851+1.3518i
57.5	19.8349-36.8495i	18.8492-48.8052i	66.1704+26.1447i	-0.0349-1.5298i	-1.7849+0.6829i	1.8982-0.7846i	4.3610-2.0001i	-0.2217+1.3479i
57.6	22.2779-37.1169i	22.0137-48.8740i	68.0796+21.4482i	-0.1051-1.5154i	-1.7600+0.5951i	1.8575-0.8322i	4.3608-1.8664i	-0.1955+1.3774i
57.7	23.7055-36.3862i	23.6161-47.5781i	68.2664+17.6876i	-0.2696-1.3988i	-1.7217+0.5337i	1.7819-0.8662i	4.3016-1.6680i	-0.1058+1.3784i
57.8	23.5773-35.5324i	23.1277-46.5833i	71.5203+17.4929i	-0.2653-1.4692i	-1.5843+0.5202i	1.7173-0.9183i	4.1368-1.6013i	-0.0731+1.3824i
57.9	25.2975-35.3900i	25.2106-46.0246i	70.2839+12.3535i	-0.3778-1.3166i	-1.5376+0.4442i	1.6161-0.8918i	4.1231-1.4026i	-0.0237+1.3804i
58.0	26.9106-34.1743i	27.0956-44.3409i	71.2514+10.5806i	-0.4023-1.1989i	-1.5065+0.4183i	1.5960-0.8939i	4.1250-1.2077i	-0.0018+1.3281i
58.1	30.9897-33.9303i	32.4018-43.6254i	71.3806+8.5193i	-0.3635-1.1741i	-1.5612+0.2863i	1.5536-0.8627i	4.3132-0.9500i	0.0266+1.3058i
58.2	32.1465-33.8716i	33.7069-43.6724i	71.5462+9.6162i	-0.2762-1.1820i	-1.5099+0.3096i	1.5167-0.8565i	4.3585-0.8772i	-0.0030+1.2837i
58.3	33.2976-32.8627i	34.8184-42.1526i	74.7764+5.1593i	-0.3570-1.1267i	-1.4406+0.2692i	1.4559-0.8789i	4.3185-0.7529i	0.0428+1.3001i
58.4	37.7602-32.8598i	40.4440-41.8517i	73.8580+1.5746i	-0.3647-1.0612i	-1.4763+0.1672i	1.3767-0.7976i	4.5371-0.5119i	0.0935+1.2137i
58.5	39.2686-33.3966i	42.3733-42.3350i	73.1249-1.9726i	-0.3396-1.0310i	-1.4577+0.1634i	1.3820-0.6824i	4.6026-0.4844i	-0.0023+1.1799i
58.6	40.8924-34.6205i	44.5088-43.7413i	75.0139-3.9918i	-0.3914-1.0637i	-1.4568+0.1431i	1.4401-0.7337i	4.6059-0.4829i	0.0129+1.2870i
58.7	43.1485-36.5182i	47.2376-46.1521i	76.3086-8.5031i	-0.5450-1.0003i	-1.4746+0.1993i	1.4196-0.8295i	4.7233-0.4566i	0.1250+1.3561i
58.8	43.9569-37.2984i	47.9844-47.1655i	80.8502-9.2251i	-0.5745-1.0891i	-1.4034+0.2265i	1.4409-0.8730i	4.7869-0.5142i	0.0517+1.3919i
58.9	44.8801-37.7892i	49.1282-47.5735i	82.4155-9.8891i	-0.6264-1.0846i	-1.3251+0.2098i	1.4009-0.8664i	4.8056-0.5313i	0.0563+1.4130i
59.0	47.8047-38.7487i	52.8105-48.6534i	80.7732-15.5006i	-0.6052-0.9745i	-1.3091+0.1804i	1.3682-0.8260i	4.9812-0.4000i	0.1030+1.3344i
59.1	50.0522-38.9239i	55.6631-48.6212i	78.2456-19.4938i	-0.6319-0.9086i	-1.2840+0.1474i	1.3067-0.7509i	4.9893-0.2114i	0.1065+1.2909i
59.2	51.8887-39.9009i	58.0768-49.6946i	77.9491-20.3891i	-0.5558-0.8870i	-1.2523+0.1472i	1.3547-0.7198i	5.1527-0.1712i	0.0943+1.2692i
59.3	52.2342-40.6526i	58.5191-50.5572i	77.8528-20.9232i	-0.5678-0.8105i	-1.1720+0.1669i	1.4056-0.7601i	5.2555-0.1787i	0.0606+1.2698i
59.4	55.4605-41.8362i	62.5589-52.0709i	75.8627-20.2113i	-0.5511-0.8029i	-1.1664+0.1239i	1.4625-0.6974i	5.4613-0.1437i	-0.0054+1.2825i
59.5	56.1357-44.2322i	63.5791-55.0459i	76.3115-23.9769i	-0.5647-0.8239i	-1.1405+0.1407i	1.4775-0.6994i	5.5524-0.2150i	-0.0007+1.2705i
59.6	58.1655-45.8232i	66.3933-56.9338i	74.8636-26.0702i	-0.5861-0.7415i	-1.1412+0.1220i	1.5362-0.7005i	5.7505-0.2204i	-0.0310+1.2898i
59.7	60.6306-46.1804i	69.4501-57.5244i	76.0789-27.2105i	-0.5494-0.7440i	-1.0716+0.0809i	1.5922-0.7087i	5.8944-0.1818i	-0.0622+1.3332i
59.8	61.0790-47.1609i	69.7123-58.6246i	79.9556-34.2815i	-0.5913-0.5912i	-1.0106+0.0306i	1.5388-0.8071i	5.8254-0.2037i	-0.0322+1.4735i
59.9	62.8214-49.2767i	72.0662-61.2611i	79.1522-37.8042i	-0.5830-0.7525i	-0.9827-0.0160i	1.6012-0.9149i	6.0321-0.2821i	0.0539+1.5787i
60.0	63.2789-53.5269i	81.7556-66.8857i	88.4800-40.9128i	7.8452-1.0146i	-0.9581+0.0214i	1.6684-1.0359i	6.2556-0.5752i	0.1282+1.6248i
60.1	67.7062-55.6532i	78.1909-69.3021i	79.4332-38.0834i	-0.6775-0.3641i	-0.9854-0.0005i	1.7795-1.0475i	6.4866-0.5311i	-0.0530+1.7178i
60.2	68.5553-57.6190i	79.0855-71.5979i	78.8000-45.1995i	-0.8386-0.2726i	-0.9826-0.0352i	1.6672-1.1671i	6.5098-0.5855i	0.1157+1.7867i
60.3	67.0097-60.0674i	76.9562-74.6984i	80.6031-51.6015i	-0.9042-0.3793i	-0.9275-0.0374i	1.5468-1.3575i	6.4003-0.8488i	0.2998+1.8527i
60.4	69.7626-61.4316i	80.6100-76.4385i	78.6458-50.7124i	-0.7526-0.2984i	-0.9242-0.0398i	1.5438-1.4095i	6.6434-0.8614i	0.3391+1.9051i
60.5	72.0593-64.3870i	83.3274-80.2409i	77.5289-55.6401i	-0.7937-0.2848i	-0.9271-0.0581i	1.5171-1.5030i	6.8349-0.9218i	0.4666+1.9867i
60.6	72.3569-67.5750i	83.6423-84.2880i	77.7438-57.6881i	-0.8802-0.3673i	-0.9045-0.0650i	1.4486-1.5661i	6.8948-1.0914i	0.6091+1.9993i
60.7	75.3839-72.1848i	87.4392-89.9175i	82.8204-61.8403i	-0.7223-0.3650i	-0.8870-0.0653i	1.3897-1.7490i	7.1553-1.2422i	0.8375+2.0890i
60.8	74.3362-74.5560i	86.3137-92.6474i	75.2703-70.0421i	-0.7649-0.1706i	-0.8813-0.1094i	1.2131-1.6227i	7.1316-1.2941i	1.0497+1.8942i
60.9	73.2589-78.3412i	85.0742-97.5069i	70.6300-70.7647i	-0.8721-0.0498i	-0.8868-0.0624i	1.2774-1.5871i	7.2459-1.5131i	1.0900+1.7547i
61.0	74.5134-81.6773i	86.5924-101.7320i	71.3743-75.6586i	-0.9800+0.0727i	-0.8693-0.1076i	1.2072-1.7343i	7.4164-1.7006i	1.2164+1.6800i
61.1	71.9084-84.2914i	83.1815-104.9773i	73.0899-80.8971i	-1.0427+0.2114i	-0.8381-0.1165i	1.0006-1.8879i	7.2745-2.0730i	1.4077+1.5481i
61.2	75.6136-88.5076i	87.7134-110.5329i	72.5631-82.6082i	-0.9771+0.0979i	-0.8511-0.1252i	1.0693-2.0059i	7.6260-2.1734i	1.4326+1.5814i
61.3	73.5936-91.5521i	85.2556-114.3329i	62.6247-86.9141i	-0.9197+0.2914i	-0.8406-0.1145i	0.9401-1.8995i	7.6169-2.3451i	1.4793+1.3665i
61.4	72.3418-95.7590i	83.7263-119.6831i	61.9399-90.3203i	-0.8943+0.4000i	-0.8270-0.1024i	0.8383-1.9986i	7.6585-2.6604i	1.5498+1.2480i
61.5	73.1365-99.7922i	84.6138-124.7425i	61.9984-91.5220i	-0.9985+0.4767i	-0.7983-0.1028i	0.8014-2.1143i	7.7912-2.9173i	1.5900+1.2094i
61.6	71.3635-101.2913i	82.2621-126.7686i	56.0229-95.8819i	-0.9994+0.4725i	-0.7838-0.1085i	0.6977-2.0324i	7.7024-3.0486i	1.5705+0.9876i
61.7	66.7469-107.0591i	76.3112-133.8420i	53.7678-103.0894i	-0.9565+0.6840i	-0.7665-0.1080i	0.4299-2.0963i	7.5696-3.5738i	1.7005+0.7618i
61.8	62.0077-109.3659i	70.3252-136.5398i	52.4231-108.5702i	-0.8835+0.8938i	-0.7448-0.1224i	0.2073-2.0793i	7.2620-3.8702i	1.6842+0.5385i
61.9	62.4855-109.7900i	71.0650-137.1098i	40.5561-113.1952i	-0.9749+0.9375i	-0.7645-0.1363i	0.1588-1.9366i	7.2931-3.8067i	1.5505+0.3287i
62.0	60.0059-116.0297i	67.7989-144.9157i	37.0081-114.8049i	-0.9472+1.2043i	-0.7448-0.1115i	0.0647-2.0351i	7.3503-4.2839i	1.5317+0.2727i
62.1	56.0476-118.3902i	62.7257-147.8469i	32.7939-119.2001i	-0.9366+1.2736i	-0.6959-0.1145i	-0.1316-1.9723i	7.1298-4.5576i	1.4744+0.0996i
62.2	50.3738-118.5578i	55.9115-148.0109i	22.3080-120.8154i	-0.7536+1.3490i	-0.6897-0.1241i	-0.2568-1.8315i	6.7657-4.7389i	1.3031-0.0687i
62.3	46.4973-120.3387i	51.1518-150.2103i	13.5371-124.2628i	-0.6955+1.5529i	-0.6920-0.1318i	-0.3936-1.7076i	6.5385-4.9619i	1.1824-0.2140i

62.4	44.6554-122.7940i	48.6341-153.3025i	11.6631-129.6101i	-0.6202+1.6065i	-0.6766-0.1677i	-0.5454-1.6675i	6.4255-5.1633i	1.1168-0.3593i
62.5	39.0550-125.4599i	41.5079-156.6256i	8.0157-129.2925i	-0.6200+1.6525i	-0.6529-0.1643i	-0.6704-1.6849i	6.1382-5.4369i	1.0123-0.4024i
62.6	32.0142-123.2862i	32.7190-153.6835i	-4.2364-128.7719i	-0.4957+1.8730i	-0.6173-0.1590i	-0.8348-1.4662i	5.7057-5.5155i	0.7952-0.4914i
62.7	32.2442-123.9980i	33.1293-154.5193i	-9.4708-129.8926i	-0.2365+1.9986i	-0.6228-0.1792i	-0.8019-1.3240i	5.7093-5.5748i	0.6143-0.4784i
62.8	31.4771-124.9193i	32.2232-155.7212i	-15.8213-129.7130i	-0.1715+2.1643i	-0.6162-0.1897i	-0.8319-1.2384i	5.6474-5.6343i	0.4659-0.4336i
62.9	28.0305-124.1787i	27.9330-154.8238i	-24.0636-124.8222i	-0.0321+2.3564i	-0.6158-0.1936i	-0.8645-1.0976i	5.4542-5.7517i	0.3200-0.4002i
63.0	25.0911-125.2988i	24.2886-156.3315i	-32.3474-122.4768i	0.0145+2.4003i	-0.6066-0.2111i	-0.8387-0.9895i	5.3387-5.8849i	0.1569-0.3321i
63.1	22.1961-124.1875i	20.7012-155.1274i	-37.4616-122.3278i	0.1793+2.4022i	-0.5820-0.2220i	-0.9380-0.8483i	5.0636-5.8632i	0.0894-0.3124i
63.2	18.0497-122.5160i	15.5283-152.9690i	-42.2505-120.8269i	0.5129+2.4729i	-0.5671-0.2208i	-1.0290-0.6489i	4.6443-5.9551i	-0.0122-0.3007i
63.3	18.1416-118.0421i	15.7036-147.2577i	-50.6871-119.3499i	0.6114+2.6440i	-0.5734-0.2545i	-0.8877-0.3883i	4.5017-5.7432i	-0.2545-0.2205i
63.4	15.2381-116.3573i	12.2269-145.1363i	-54.3460-115.2329i	0.8483+2.6687i	-0.5630-0.2596i	-0.8873-0.3266i	4.2717-5.7672i	-0.2524-0.1287i
63.5	12.5683-117.8025i	8.7536-147.1167i	-60.0439-114.0762i	0.9648+2.8073i	-0.5647-0.2891i	-0.9787-0.2050i	4.1374-5.9530i	-0.2722-0.0980i
63.6	12.0199-115.3563i	8.1329-144.1708i	-65.2340-110.2806i	1.1017+2.8732i	-0.5500-0.2829i	-0.8675-0.0114i	4.0462-5.8154i	-0.3525-0.0326i
63.7	10.8906-113.8881i	6.8478-142.3037i	-72.2459-104.0256i	1.5064+2.8539i	-0.5776-0.2805i	-0.7251+0.1362i	3.8009-5.8338i	-0.4135+0.1305i
63.8	11.8487-109.1442i	8.1825-136.5742i	-76.3490-97.6956i	1.7707+2.7866i	-0.5615-0.3041i	-0.5689+0.2975i	3.6288-5.6358i	-0.5020+0.1901i
63.9	10.0833-108.8851i	5.8366-136.3795i	-77.3787-90.7013i	1.9390+2.7098i	-0.5513-0.2904i	-0.4407+0.2718i	3.5249-5.6612i	-0.4795+0.2692i
64.0	7.0996-108.8691i	2.0591-136.4978i	-83.6671-89.6915i	2.1440+2.6693i	-0.5798-0.2919i	-0.4243+0.3791i	3.2378-5.7270i	-0.5400+0.3870i
64.1	7.5178-107.9164i	2.6537-135.4332i	-87.6655-82.3829i	2.2439+2.6069i	-0.5753-0.2762i	-0.2490+0.4274i	3.1714-5.6243i	-0.5486+0.5173i
64.2	9.8613-108.7935i	5.4791-136.7916i	-89.1273-73.7090i	2.4081+2.5491i	-0.5630-0.2854i	-0.0617+0.3747i	3.2403-5.6691i	-0.5291+0.6522i
64.3	11.1776-106.2740i	7.3972-133.8811i	-93.7872-72.3905i	2.7573+2.3425i	-0.5966-0.2911i	0.0490+0.5229i	3.0987-5.5296i	-0.5842+0.7102i
64.4	10.6684-104.1787i	6.6554-131.3397i	-98.0466-69.7532i	2.9339+2.2742i	-0.6042-0.2680i	0.1479+0.6336i	2.9577-5.3700i	-0.5023+0.8386i
64.5	12.2144-104.5635i	8.4887-132.2019i	-95.7872-61.8353i	2.9024+2.2889i	-0.5630-0.2683i	0.3059+0.5512i	3.0194-5.3407i	-0.4534+0.9018i
64.6	14.5500-107.6182i	11.2941-136.5085i	-98.9191-51.3853i	3.1136+1.9875i	-0.5796-0.2445i	0.5529+0.4795i	3.0890-5.3582i	-0.4185+1.0004i
64.7	14.8829-105.3714i	11.6862-133.8255i	-103.2723-47.6198i	3.2982+1.7549i	-0.5994-0.2337i	0.6718+0.5353i	2.8876-5.2126i	-0.3935+1.0685i
64.8	14.5947-104.6235i	11.4454-132.9293i	-104.5371-46.2825i	3.5438+1.6359i	-0.6018-0.2233i	0.6938+0.5498i	2.6643-5.2246i	-0.3699+1.1004i
64.9	13.5386-107.5573i	9.7580-136.8525i	-102.0461-39.5671i	3.6046+1.6262i	-0.5876-0.2227i	0.7416+0.4169i	2.6321-5.3797i	-0.2566+1.1488i
65.0	14.3201-110.9013i	10.4530-141.4357i	-103.2530-31.6456i	3.7496+1.5114i	-0.5777-0.1980i	0.9017+0.2992i	2.6969-5.4709i	-0.1741+1.2299i
65.1	14.9256-106.8563i	11.2452-136.5871i	-106.9594-26.4649i	3.9341+1.2047i	-0.5638-0.1712i	1.0847+0.3798i	2.4515-5.2215i	-0.1926+1.2172i
65.2	15.9486-106.3316i	12.3553-136.2320i	-106.7382-23.5736i	4.0111+1.1216i	-0.5463-0.1688i	1.1251+0.3634i	2.3559-5.1487i	-0.1737+1.2663i
65.3	17.7805-111.9636i	14.3986-143.6175i	-105.6333-12.3262i	4.1135+0.7816i	-0.5331-0.1514i	1.2705+0.0863i	2.4624-5.2113i	-0.0809+1.3694i
65.4	20.0008-115.7915i	16.9481-148.7989i	-104.7920-3.6048i	4.0827+0.4849i	-0.5088-0.1310i	1.4352-0.0846i	2.5669-5.1893i	-0.0574+1.4306i
65.5	16.0901-118.2938i	11.4246-152.0063i	-99.0675+1.9592i	4.0096+0.4654i	-0.4798-0.1420i	1.3767-0.2292i	2.4414-5.3405i	0.0744+1.4690i
65.6	15.0446-120.8597i	9.6530-155.3077i	-95.3513+7.3909i	4.1411+0.2454i	-0.4598-0.1244i	1.3888-0.3787i	2.3372-5.3859i	0.2201+1.5031i
65.7	14.3078-125.9400i	8.2933-161.8809i	-94.3174+16.1171i	4.0941+0.0460i	-0.4421-0.1296i	1.4210-0.6239i	2.3748-5.5283i	0.3247+1.6265i
65.8	9.7589-126.9839i	2.2682-163.1624i	-88.3461+19.7535i	3.9845-0.3070i	-0.4128-0.1247i	1.3437-0.7222i	2.1484-5.4863i	0.4344+1.6132i
65.9	9.6352-127.6587i	1.9547-164.0931i	-84.0229+22.6662i	4.0821-0.6500i	-0.3957-0.1099i	1.2944-0.7842i	1.9860-5.4184i	0.5421+1.5692i
66.0	7.5069-131.8310i	-1.3497-169.5225i	-81.9097+27.9828i	4.0753-0.8957i	-0.3755-0.1152i	1.2665-0.9268i	1.9026-5.5025i	0.6797+1.5968i
66.1	2.9370-137.1277i	-7.7942-176.2223i	-77.3861+32.4908i	3.9193-1.0476i	-0.3645-0.1213i	1.1687-1.0626i	1.8382-5.6700i	0.8700+1.5779i
66.2	-0.5197-135.9995i	-12.1834-174.5475i	-69.7165+33.6144i	3.7826-0.9766i	-0.3350-0.1475i	1.0302-1.1265i	1.7372-5.6555i	0.9741+1.4711i
66.3	-4.9205-137.7056i	-18.0903-176.5059i	-62.9032+36.7462i	3.4817-0.9169i	-0.2976-0.1676i	0.9415-1.2525i	1.7262-5.7626i	1.0763+1.4175i
66.4	-9.7417-137.4414i	-24.7894-175.9619i	-56.6354+40.3282i	3.5507-1.1475i	-0.3159-0.1515i	0.7792-1.2521i	1.3808-5.8139i	1.2214+1.2268i
66.5	-11.1979-137.9240i	-26.8276-176.6190i	-55.9476+40.1968i	3.6024-1.4461i	-0.3066-0.1478i	0.7865-1.2298i	1.2367-5.6765i	1.2681+1.1185i
66.6	-12.0728-138.6609i	-28.1987-177.5482i	-52.5753+40.5915i	3.2468-1.3575i	-0.2546-0.1506i	0.8065-1.2943i	1.4011-5.6351i	1.2525+1.0681i
66.7	-17.9518-140.3493i	-36.1707-179.4329i	-44.5076+42.1552i	2.9460-1.2888i	-0.2072-0.1710i	0.6956-1.3693i	1.3948-5.7591i	1.2621+0.9059i
66.8	-22.4975-136.1842i	-41.9235-173.8518i	-40.2740+37.0967i	3.3242-1.4035i	-0.2257-0.1770i	0.6000-1.2314i	0.9335-5.7224i	1.2282+0.7437i
66.9	-27.2787-134.5119i	-48.1946-171.3280i	-36.3549+37.5259i	3.1652-1.3856i	-0.2350-0.1951i	0.4903-1.1987i	0.6751-5.7332i	1.1837+0.5727i
67.0	-29.4830-137.6902i	-51.5429-175.3722i	-32.8324+41.2109i	2.6558-1.4427i	-0.1682-0.2070i	0.4550-1.3185i	0.8796-5.7156i	1.2256+0.5421i
67.1	-34.0131-135.3525i	-57.4905-172.0928i	-28.8203+39.7791i	2.6945-1.6919i	-0.1624-0.2160i	0.3806-1.2584i	0.5881-5.5958i	1.1597+0.4370i
67.2	-37.0582-132.8099i	-61.3177-168.5940i	-24.8995+36.1583i	2.8154-1.8671i	-0.1724-0.2275i	0.3332-1.2181i	0.2940-5.5028i	1.0944+0.3418i
67.3	-41.0708-127.7535i	-66.3109-161.6564i	-22.7636+34.6654i	2.9099-1.6521i	-0.1746-0.2519i	0.2667-1.1181i	0.0009-5.4799i	1.0558+0.2704i
67.4	-44.8443-127.6329i	-71.4305-161.2036i	-20.1148+35.0782i	2.5980-1.6628i	-0.1635-0.2687i	0.2227-1.1375i	-0.0506-5.4698i	1.0215+0.2517i
67.5	-45.6419-126.4700i	-72.6229-159.8938i	-17.9082+32.9213i	2.6487-1.6254i	-0.1528-0.2757i	0.1846-1.1209i	-0.1311-5.3691i	0.9626+0.1914i
67.6	-47.3260-119.9494i	-74.4801-151.1510i	-15.7389+29.5394i	3.0923-1.5025i	-0.1679-0.3016i	0.1524-0.9925i	-0.4437-5.2578i	0.8663+0.1623i
67.7	-48.0017-120.8722i	-75.4628-152.3893i	-13.7402+28.2038i	2.9125-1.6891i	-0.1543-0.3145i	0.1620-0.9700i	-0.4302-5.1993i	0.8216+0.1796i
67.8	-50.9347-119.2038i	-79.3302-150.1181i	-13.4596+27.1060i	2.4886-1.6359i	-0.1277-0.3248i	0.1578-0.9629i	-0.3995-5.0431i	0.7105+0.1477i
67.9	-50.6163-116.5757i	-79.0490-146.7922i	-13.3231+25.6604i	2.3923-1.7857i	-0.1269-0.3105i	0.1904-0.9324i	-0.4648-4.7940i	0.6511+0.1412i
68.0	-50.9697-115.2678i	-79.5992-144.9537i	-12.0789+23.9579i	2.6871-1.8105i	-0.1352-0.3384i	0.1765-0.9239i	-0.6257-4.7911i	0.6396+0.1480i
68.1	-55.3595-111.6900i	-85.1225-139.7908i	-9.9114+23.3387i	2.4089-1.4898i	-0.1219-0.3755i	0.1514-0.9194i	-0.6924-4.7872i	0.5743+0.1714i
68.2	-58.5519-107.1444i	-89.0694-133.8559i	-7.5306+21.4169i	2.3611-1.4285i	-0.1419-0.3798i	0.1269-0.8611i	-0.8619-4.6660i	0.5136+0.1603i
68.3	-59.2119-105.7593i	-90.0268-132.0191i	-6.1887+19.2615i	2.5039-1.5750i	-0.1585-0.3958i	0.1132-0.7743i	-1.0025-4.5541i	0.4865+0.1601i
68.4	-59.9274-105.1749i	-91.0691-131.2949i	-5.0900+17.8779i	2.3945-1.6918i	-0.1609-0.4063i	0.1322-0.7335i	-0.9842-4.4028i	0.4254+0.1935i
68.5	-58.7505-103.0867i	-89.4054-128.7359i	-5.8696+16.4425i	2.5473-1.8598i	-0.1728-0.3813i	0.2044-0.7080i	-1.0274-4.1994i	0.3998+0.2247i
68.6	-57.0124-97.5324i	-87.0391-121.6597i	-7.7526+14.3006i	2.4139-1.7907i	-0.1606-0.3730i	0.2410-0.6775i	-1.0263-3.9580i	0.3527+0.2289i

68.7	-57.5860-96.1833i	-87.7630-119.9455i	-6.9017+13.6926i	2.1679-1.7892i	-0.1543-0.3899i	0.2593-0.6908i	-1.0184-3.8903i	0.3468+0.2787i
68.8	-59.9807-93.6714i	-90.7503-116.2198i	-5.3367+13.9913i	2.3177-1.6789i	-0.1631-0.3978i	0.2588-0.6794i	-1.1442-3.9076i	0.3431+0.2742i
68.9	-58.7620-92.6324i	-89.5072-115.1446i	-5.7833+12.3235i	2.3681-1.8724i	-0.1652-0.3849i	0.2927-0.6354i	-1.1564-3.7268i	0.3107+0.2936i
69.0	-57.8700-90.8381i	-88.3454-113.1311i	-5.2112+10.1330i	2.6394-2.2886i	-0.1824-0.3680i	0.3191-0.6102i	-1.3631-3.5258i	0.3122+0.2686i
69.1	-59.8126-89.9243i	-90.8279-111.3951i	-4.8767+11.3214i	2.6971-2.3800i	-0.1793-0.3787i	0.3378-0.6710i	-1.4148-3.5395i	0.2957+0.3293i
69.2	-58.4977-88.0789i	-89.1762-109.2568i	-5.3658+9.3776i	2.2792-2.1541i	-0.1468-0.3830i	0.3832-0.6350i	-1.1863-3.3594i	0.2679+0.3962i
69.3	-59.3084-85.8485i	-90.2316-106.4461i	-4.3380+6.6050i	2.3258-2.4446i	-0.1722-0.3697i	0.3837-0.5930i	-1.4075-3.1408i	0.2519+0.3638i
69.4	-58.4424-84.9804i	-89.3268-105.3780i	-5.4715+5.8779i	1.8161-2.9825i	-0.1399-0.3230i	0.4805-0.6707i	-1.3086-2.7653i	0.1978+0.3969i
69.5	-56.6087-81.2274i	-86.8764-100.7144i	-6.0361+5.0192i	2.3773-2.6423i	-0.1584-0.3385i	0.5081-0.6269i	-1.4039-2.8350i	0.2177+0.3875i
69.6	-56.5056-81.2857i	-86.8402-100.7846i	-4.7862+4.1735i	2.6851-3.1121i	-0.1891-0.3319i	0.4513-0.5999i	-1.6129-2.7014i	0.2478+0.3668i
69.7	-59.4295-80.0485i	-90.7014-98.9575i	-6.2215+3.3519i	1.1674-2.9139i	-0.0969-0.3461i	0.5545-0.6320i	-1.0874-2.4150i	0.2291+0.4867i
69.8	-58.4438-76.8991i	-89.4809-94.9213i	-7.1400+3.4776i	1.2787-2.3129i	-0.1069-0.3595i	0.6371-0.6371i	-1.0336-2.5014i	0.2120+0.5080i
69.9	-57.1431-76.7700i	-87.7261-95.0865i	-6.0530+2.4675i	1.4207-2.8108i	-0.1283-0.3395i	0.6665-0.6350i	-1.1471-2.2939i	0.2219+0.5022i
70.0	-55.7920-74.6653i	-86.0193-92.4627i	-7.0089+1.7621i	1.8199-2.9533i	-0.1326-0.3260i	0.7064-0.6778i	-1.2542-2.2034i	0.2548+0.4838i
70.1	-56.8421-73.2065i	-87.8048-90.3056i	-7.7136+0.4369i	1.4499-2.9865i	-0.1184-0.3368i	0.7460-0.7293i	-1.1379-2.1066i	0.2712+0.5012i
70.2	-56.1514-71.8885i	-86.7001-88.6112i	-6.5736+0.2531i	1.6788-3.4785i	-0.1382-0.3098i	0.7160-0.6989i	-1.3191-1.9343i	0.2539+0.4595i
70.3	-55.4536-70.4403i	-86.0728-86.8030i	-8.0512+0.3131i	1.7116-3.2655i	-0.1307-0.3009i	0.8016-0.7645i	-1.2337-1.9177i	0.3020+0.4751i
70.4	-54.5297-69.4997i	-84.9447-85.5864i	-7.4961-1.9816i	1.4075-4.0134i	-0.1070-0.2553i	0.8264-0.8099i	-1.2574-1.5350i	0.2896+0.4346i
70.5	-52.4606-70.7038i	-82.2259-87.2587i	-6.3866-4.3992i	0.9052-5.2182i	-0.0780-0.1826i	0.8545-0.8523i	-1.2076-1.0309i	0.2488+0.4108i
70.6	-53.6465-69.1684i	-83.9383-84.9257i	-7.3506-2.3815i	1.3479-4.6044i	-0.1002-0.2251i	0.8518-0.9582i	-1.2261-1.2914i	0.2890+0.4702i
70.7	-53.5014-66.3110i	-83.9876-81.3292i	-9.6136-3.6400i	0.3684-4.3853i	-0.0348-0.2277i	0.8559-0.9311i	-0.8781-1.0731i	0.2318+0.4513i
70.8	-54.5543-64.0636i	-85.4778-78.8290i	-12.0906-5.5903i	-1.1808-4.0014i	0.0413-0.2092i	0.9678-0.9191i	-0.3417-0.8473i	0.1321+0.4878i
70.9	-54.3054-65.3868i	-85.3896-80.5205i	-11.2699-4.7808i	-0.6833-4.3337i	0.0203-0.1940i	0.9330-1.0945i	-0.5413-0.8341i	0.1643+0.5197i
71.0	-52.8017-64.9822i	-83.8356-79.7851i	-12.4519-4.9391i	-0.5795-4.3039i	0.0396-0.2012i	0.9612-1.1814i	-0.4910-0.8042i	0.1653+0.5295i
71.1	-51.1924-62.5187i	-82.1386-76.8979i	-15.5603-3.5058i	-1.3035-2.9797i	0.1107-0.2623i	1.0687-1.1683i	0.0382-1.0070i	0.0856+0.6226i
71.2	-51.3213-61.5193i	-82.4819-75.7111i	-16.2846-4.5774i	-1.8355-3.1946i	0.1636-0.2366i	1.0643-1.2690i	0.1897-0.8059i	0.0403+0.6630i
71.3	-52.5150-59.7303i	-83.8993-72.7539i	-16.6539-4.5508i	-1.8570-3.0797i	0.1644-0.2459i	1.0475-1.3558i	0.1810-0.8266i	0.0765+0.6881i
71.4	-50.8824-58.4088i	-81.9941-71.2267i	-16.9497-4.6795i	-1.8501-2.9608i	0.1598-0.2427i	1.1377-1.4211i	0.2347-0.8047i	0.0398+0.7354i
71.5	-49.3926-59.2609i	-80.3069-72.6593i	-16.5232-5.6361i	-1.9232-3.4811i	0.1868-0.1968i	1.0838-1.4735i	0.2237-0.6169i	0.0313+0.7429i
71.6	-50.2876-57.9180i	-81.7335-70.1351i	-17.3028-2.3486i	-1.6868-2.8118i	0.1766-0.2543i	1.0229-1.7041i	0.2750-0.9021i	0.1511+0.8614i
71.7	-49.6503-55.6939i	-80.9301-67.0749i	-19.4295-0.5511i	-1.9367-1.6570i	0.2176-0.3272i	1.0493-1.7467i	0.6022-1.1628i	0.1752+0.9804i
71.8	-47.8992-56.1560i	-79.0140-67.6183i	-20.1248+0.1038i	-1.8673-1.3058i	0.2413-0.3486i	1.0128-1.8681i	0.6773-1.2835i	0.2183+1.0247i
71.9	-46.7890-54.4269i	-77.8712-65.6891i	-20.0409-1.2880i	-2.0985-1.5778i	0.2553-0.3017i	1.0509-1.9292i	0.6819-1.0975i	0.2296+1.0393i
72.0	-47.0170-52.7728i	-78.2856-63.5342i	-20.7108-1.5689i	-2.4199-1.7356i	0.2766-0.2749i	1.0947-1.9622i	0.7434-0.9445i	0.2117+1.1081i
72.1	-44.8810-52.4570i	-75.5200-62.8855i	-21.7163-0.1661i	-2.3595-1.1763i	0.2952-0.2951i	0.9649-2.1267i	0.8782-1.0959i	0.3344+1.1737i
72.2	-43.2183-52.1328i	-73.9328-62.4408i	-22.6463+0.0426i	-2.4076-0.8888i	0.3605-0.2949i	0.9981-2.1903i	1.0441-1.0904i	0.3054+1.2379i
72.3	-43.2801-52.7250i	-74.4657-62.9715i	-22.9447+1.8738i	-2.6492-0.6852i	0.4079-0.3243i	0.8611-2.3647i	1.1764-1.1593i	0.3693+1.2572i
72.4	-42.0789-52.2500i	-72.8018-62.2601i	-23.7108+2.6390i	-2.4739-0.3621i	0.4165-0.3489i	0.8014-2.4958i	1.1987-1.2847i	0.4928+1.2540i
72.5	-42.6171-51.2485i	-73.6194-60.1667i	-22.2081+3.9465i	-1.8156-0.0856i	0.4031-0.3856i	0.6815-2.5655i	1.0693-1.4500i	0.5681+1.2815i
72.6	-42.5799-50.6901i	-73.9060-59.1461i	-21.8716+5.0735i	-1.4936+0.1564i	0.4183-0.4153i	0.6150-2.6209i	1.0226-1.5558i	0.6315+1.2948i
72.7	-40.6200-50.4258i	-71.3857-59.1603i	-23.1261+4.7499i	-1.7717+0.1201i	0.4380-0.3961i	0.5810-2.5852i	1.1365-1.4708i	0.6507+1.2767i
72.8	-40.3930-49.9887i	-70.8653-58.3625i	-22.3154+5.0183i	-1.6733-0.1676i	0.4402-0.4078i	0.3839-2.6006i	1.0510-1.4089i	0.7415+1.2529i
72.9	-39.8307-49.5452i	-70.2319-57.4685i	-22.5224+7.0691i	-1.3947+0.1839i	0.4799-0.4301i	0.2516-2.7563i	1.0622-1.5592i	0.8628+1.2843i
73.0	-38.3714-49.2846i	-68.8546-57.2035i	-23.2919+6.7047i	-1.2194+0.1765i	0.5092-0.4259i	0.2151-2.8301i	1.0978-1.5160i	0.9095+1.3162i
73.1	-38.0054-49.3210i	-68.4147-57.2244i	-23.2610+6.2473i	-1.4074+0.3300i	0.5419-0.4638i	0.0903-2.7140i	1.1888-1.5451i	0.9268+1.2462i
73.2	-38.1219-49.3743i	-68.2935-56.8441i	-21.6430+7.9057i	-1.3721+0.3213i	0.5527-0.5130i	-0.1512-2.7811i	1.1410-1.6056i	1.0891+1.2015i
73.3	-36.2075-49.3358i	-66.0334-56.5868i	-22.0282+8.8944i	-1.4391+0.3874i	0.6171-0.5250i	-0.2342-2.9593i	1.2267-1.6122i	1.1594+1.2669i
73.4	-36.1885-50.9002i	-66.6674-58.2336i	-23.2729+10.6499i	-1.1022+1.2665i	0.6786-0.5978i	-0.2269-3.1055i	1.3587-1.8769i	1.2683+1.3497i
73.5	-35.7955-49.7306i	-65.7788-56.5949i	-21.8856+11.3238i	-1.0215+1.0024i	0.6266-0.5922i	-0.4077-3.0588i	1.2562-1.8310i	1.4034+1.2506i
73.6	-34.9043-49.5550i	-64.8049-56.0868i	-21.2794+12.3750i	-0.8634+1.0704i	0.6521-0.6022i	-0.4947-3.0242i	1.2351-1.8314i	1.4824+1.1852i
73.7	-34.4777-49.6115i	-64.4202-55.9282i	-20.6472+13.5519i	-0.7139+1.3344i	0.6896-0.6579i	-0.6161-2.9169i	1.2835-1.9237i	1.5140+1.0410i
73.8	-34.6101-48.3826i	-64.5279-53.9522i	-21.1347+14.5954i	-0.5223+1.2793i	0.7007-0.6882i	-0.7118-2.9789i	1.2568-1.9663i	1.6311+0.9931i
73.9	-34.1327-48.2160i	-64.1543-53.5463i	-21.9115+14.7501i	-0.7025+1.6415i	0.7414-0.7135i	-0.7608-2.9875i	1.3978-1.9970i	1.7007+0.9522i
74.0	-32.8711-49.8170i	-62.8434-55.6402i	-21.4185+14.9564i	-0.7743+1.6912i	0.7772-0.7595i	-0.8508-2.9593i	1.4487-2.0466i	1.7647+0.8653i
74.1	-33.5860-48.8738i	-63.2733-54.1065i	-19.4044+15.9751i	-0.4237+1.1351i	0.7441-0.7712i	-1.0132-2.8909i	1.2457-2.0388i	1.8228+0.6392i
74.2	-33.9434-49.0869i	-63.3470-54.0598i	-18.1442+16.6534i	-0.0936+1.1580i	0.7228-0.8045i	-1.2128-2.8672i	1.1432-2.0799i	1.8086+0.4727i
74.3	-32.6614-50.4784i	-61.8405-55.7319i	-18.1537+17.8826i	0.0459+1.3719i	0.7727-0.8683i	-1.3429-2.8787i	1.1986-2.1983i	1.8788+0.3372i
74.4	-31.9595-49.1986i	-60.8672-54.0959i	-18.0213+18.4604i	-0.0490+1.4204i	0.8093-0.8698i	-1.3544-2.8791i	1.2379-2.1951i	1.8505+0.2644i
74.5	-31.7585-48.3748i	-60.7624-53.4404i	-17.6902+17.3062i	-0.0474+1.1647i	0.8298-0.8260i	-1.3217-2.7108i	1.1991-2.0485i	1.7149+0.1347i
74.6	-31.1212-48.7896i	-60.4525-53.4654i	-18.4481+19.2477i	-0.2763+1.7252i	0.9088-0.9158i	-1.4447-2.7689i	1.3397-2.1701i	1.6932+0.0973i
74.7	-31.4372-47.2972i	-60.6082-51.1643i	-16.5622+18.9977i	0.0115+1.4282i	0.8868-0.9260i	-1.4495-2.7676i	1.1980-2.1513i	1.5800+0.0370i
74.8	-31.2218-47.3734i	-60.2522-50.9584i	-15.4624+19.7844i	0.2217+1.2032i	0.8768-0.9752i	-1.6272-2.7605i	1.1191-2.1759i	1.5447-0.0456i
74.9	-30.2070-48.2504i	-58.7760-52.1841i	-14.8927+21.4443i	0.5328+1.5089i	0.8907-1.0462i	-1.7856-2.7903i	1.1028-2.3148i	1.5571-0.1322i

75.0	-30.3270-47.3864i	-59.3877-51.2314i	-15.2843+20.4835i	0.2487+1.3484i	0.9603-1.0459i	-1.7243-2.7436i	1.1745-2.2015i	1.4772-0.1036i
75.1	-30.7160-46.5705i	-59.7194-49.7935i	-14.1336+21.1135i	0.1520+1.5869i	0.9696-1.1202i	-1.8613-2.5953i	1.1754-2.2243i	1.3363-0.2021i
75.2	-29.2278-47.8949i	-57.8179-51.3636i	-12.6216+23.0824i	1.0006+1.7443i	0.9156-1.2055i	-2.0819-2.6764i	1.0221-2.4380i	1.3824-0.2648i
75.3	-30.1989-47.9273i	-58.8159-50.8631i	-11.3198+24.0719i	1.1177+1.7961i	0.9039-1.3264i	-2.2762-2.6281i	0.9855-2.5229i	1.3321-0.2849i
75.4	-30.3570-47.0413i	-59.1700-50.0163i	-10.4761+23.4478i	0.9225+1.8875i	0.9203-1.3049i	-2.3008-2.5531i	0.9997-2.3962i	1.2437-0.2726i
75.5	-28.4840-46.6506i	-57.5844-49.7313i	-10.8863+22.7007i	0.7744+1.6825i	1.0305-1.2779i	-2.3335-2.6032i	1.0986-2.2389i	1.1674-0.1919i
75.6	-28.0223-46.2153i	-56.8475-48.9121i	-10.1223+23.1972i	1.1387+1.8407i	1.0232-1.3717i	-2.5248-2.4691i	1.0620-2.3167i	1.1040-0.1844i
75.7	-27.7699-47.5162i	-56.8725-50.8537i	-9.6985+24.1423i	0.9048+1.8088i	1.0929-1.4138i	-2.8444-2.4481i	1.1284-2.2949i	1.1579-0.2342i
75.8	-28.7402-46.4929i	-58.2409-49.4669i	-8.2767+22.5391i	0.6384+1.5062i	1.1013-1.4250i	-2.8645-2.2274i	1.0990-2.1627i	1.0923-0.2505i
75.9	-28.5318-46.6908i	-58.1235-49.2896i	-6.2736+22.4262i	1.1165+1.4378i	1.0681-1.5253i	-2.9960-1.9712i	1.0338-2.2400i	1.0423-0.3041i
76.0	-26.8674-46.9040i	-56.4397-48.9081i	-6.7246+24.1689i	1.3884+1.7051i	1.1073-1.6544i	-3.1147-2.0307i	1.1002-2.3629i	1.0560-0.2632i
76.1	-26.1248-45.5127i	-55.3128-46.9111i	-6.2278+23.7753i	1.2911+1.5362i	1.1346-1.6671i	-3.1456-1.9445i	1.0807-2.2569i	1.0213-0.2605i
76.2	-25.1600-45.6737i	-53.9791-47.3691i	-5.8700+23.6311i	1.2289+1.3750i	1.1430-1.7217i	-3.2076-1.8362i	1.1153-2.2493i	1.0480-0.2438i
76.3	-25.1373-45.9008i	-54.2127-47.4285i	-4.6199+23.4529i	1.4535+1.3777i	1.1027-1.7901i	-3.2446-1.6933i	1.1018-2.2889i	1.0925-0.2242i
76.4	-24.8253-45.0087i	-53.6006-46.3529i	-2.8057+23.1250i	1.7666+1.2474i	1.0433-1.8147i	-3.3435-1.3574i	0.9782-2.2273i	1.0097-0.3406i
76.5	-24.2850-45.4770i	-53.7194-46.4476i	-3.2184+23.4288i	1.7550+1.5839i	1.1062-1.9496i	-3.3453-1.3033i	1.1303-2.3009i	1.0252-0.3146i
76.6	-23.5044-46.3603i	-52.8922-46.8457i	-3.0463+23.9778i	1.6678+1.5815i	1.1553-2.0890i	-3.3938-1.2603i	1.2382-2.3644i	1.0125-0.3163i
76.7	-23.8865-46.2261i	-53.2302-46.2542i	-0.2042+24.0953i	2.0626+1.3684i	1.0610-2.1653i	-3.4273-0.9605i	1.0952-2.4227i	0.9223-0.3650i
76.8	-22.4962-45.9812i	-51.8621-45.8958i	0.1054+22.9911i	2.2883+1.5885i	1.0527-2.2383i	-3.3260-0.7527i	1.1727-2.4541i	0.9010-0.3603i
76.9	-22.4462-46.3585i	-51.6394-46.0252i	0.2326+22.4797i	2.0451+1.5398i	1.0383-2.3687i	-3.4287-0.5468i	1.2263-2.4672i	0.9069-0.4042i
77.0	-22.5176-45.6927i	-51.2208-44.8827i	1.9383+21.7937i	1.8673+1.0356i	0.9911-2.4145i	-3.3706-0.3624i	1.1551-2.3904i	0.8325-0.4195i
77.1	-21.3403-45.8447i	-50.1741-44.4602i	2.0032+22.2952i	1.9238+1.1058i	1.0041-2.5383i	-3.3500-0.3289i	1.2204-2.4409i	0.7927-0.4103i
77.2	-20.6532-47.0913i	-49.7867-45.2577i	1.9712+22.0997i	1.9267+1.5014i	0.9923-2.7256i	-3.3191-0.1626i	1.3482-2.5579i	0.7666-0.3811i
77.3	-20.3756-46.9693i	-48.9759-45.1553i	4.2278+21.3620i	2.1751+1.1285i	0.8872-2.7801i	-3.3021-0.0132i	1.2465-2.5932i	0.7108-0.4028i
77.4	-20.2759-47.9995i	-48.7576-45.5578i	4.7259+21.6881i	2.5345+1.1820i	0.7842-2.9398i	-3.2266+0.0761i	1.2117-2.7168i	0.7425-0.3565i
77.5	-20.3661-47.7215i	-48.7526-44.5686i	4.4491+21.4581i	2.4536+1.2904i	0.6898-3.0325i	-3.1360+0.2530i	1.2602-2.7773i	0.7248-0.3423i
77.6	-19.5657-47.4933i	-47.5135-44.3293i	6.4384+20.9122i	2.3828+1.0867i	0.6300-3.1060i	-3.1950+0.3893i	1.2286-2.7596i	0.6880-0.3405i
77.7	-18.7071-49.1048i	-46.4081-45.4402i	6.7432+20.0886i	2.3453+0.8893i	0.5603-3.2706i	-3.0170+0.4021i	1.2800-2.8222i	0.6643-0.2791i
77.8	-19.3536-49.2602i	-47.2054-45.3374i	6.5969+19.4231i	2.6382+0.9091i	0.4043-3.3107i	-2.9017+0.4713i	1.2042-2.9052i	0.6753-0.3177i
77.9	-19.2961-49.7900i	-46.7205-45.8185i	7.2906+18.7995i	2.9217+0.8280i	0.2959-3.3364i	-2.8329+0.4688i	1.1538-2.9504i	0.6497-0.2885i
78.0	-19.1690-49.5965i	-45.7673-44.8603i	8.3050+18.1715i	2.8220+0.6610i	0.1204-3.4523i	-2.7510+0.6207i	1.1152-2.9966i	0.5723-0.2815i
78.1	-19.1119-49.3744i	-45.0999-44.6842i	8.0258+18.4470i	2.9567+0.9046i	-0.0688-3.4312i	-2.6939+0.5739i	1.0964-3.0768i	0.5858-0.2576i
78.2	-19.1187-49.6418i	-44.6498-44.6857i	7.4927+16.8597i	2.4794+0.8251i	-0.1520-3.4395i	-2.5192+0.5821i	1.1472-2.9832i	0.5366-0.1528i
78.3	-19.0147-50.3126i	-44.5312-45.2677i	9.0322+15.0785i	2.5870+0.5801i	-0.3115-3.5594i	-2.5173+0.7293i	1.1288-3.0774i	0.6262-0.1855i
78.4	-20.2274-50.5793i	-45.3157-45.5093i	9.7888+15.5435i	3.0351+0.3784i	-0.5088-3.5249i	-2.5355+0.8323i	0.9847-3.2337i	0.6407-0.2408i
78.5	-19.2294-50.5556i	-44.2774-45.7509i	9.4283+15.8269i	3.0122+0.2434i	-0.5065-3.4402i	-2.5125+0.8115i	1.0140-3.1606i	0.6099-0.1613i
78.6	-18.7258-51.1105i	-43.4841-46.0862i	8.5375+15.2412i	2.9563-0.0342i	-0.6201-3.4456i	-2.4839+0.8218i	1.0134-3.2049i	0.5963-0.1424i
78.7	-19.6856-51.4302i	-44.0630-46.0040i	8.7290+14.4829i	2.8139-0.2220i	-0.7552-3.4575i	-2.4304+0.8938i	0.9264-3.2977i	0.6050-0.1093i
78.8	-20.6424-51.5778i	-44.3553-46.4169i	9.4982+12.9561i	2.7380-0.4484i	-0.9510-3.4058i	-2.2735+1.0089i	0.7736-3.3770i	0.5963-0.0773i
78.9	-21.7738-50.8375i	-45.2457-46.2127i	12.1871+11.6913i	2.8667-0.9364i	-1.0749-3.3203i	-2.1576+1.3015i	0.5752-3.3585i	0.5909-0.1560i
79.0	-19.0795-49.7398i	-42.7898-44.8032i	11.3691+9.9490i	1.9017-1.3282i	-0.9272-3.2620i	-1.7400+1.0604i	0.7497-3.2045i	0.5267-0.0263i
79.1	-18.1369-51.5548i	-41.5333-46.4427i	10.1170+10.2420i	2.0109-0.4338i	-0.9841-3.3900i	-2.0262+0.8466i	0.8912-3.4830i	0.6644+0.0120i
79.2	-18.7351-52.9225i	-41.8711-47.5724i	9.3986+10.1724i	2.2548-0.4348i	-1.0704-3.4459i	-2.0792+0.9613i	0.7801-3.6711i	0.6841-0.0201i
79.3	-20.4370-54.0676i	-43.3594-48.6794i	9.7415+10.0434i	2.1643-0.7502i	-1.2465-3.5090i	-2.0182+1.0879i	0.5833-3.8550i	0.6877-0.0250i
79.4	-21.3752-54.3919i	-43.9016-48.9924i	9.5307+9.3154i	1.7525-0.9065i	-1.4165-3.5131i	-1.9411+1.1389i	0.4454-3.8564i	0.6938+0.0089i
79.5	-20.6032-53.2897i	-42.8692-48.1353i	9.3908+9.7534i	1.6874-0.6356i	-1.4436-3.4238i	-1.9387+1.1222i	0.3731-3.7646i	0.7361+0.0689i
79.6	-21.3209-53.6621i	-43.7174-48.4802i	10.0935+10.0015i	1.7996-0.6794i	-1.5746-3.4318i	-1.8922+1.2140i	0.1999-3.8401i	0.8179+0.0202i
79.7	-22.7632-53.5894i	-44.7470-48.4852i	9.9194+9.2906i	1.9003-0.6690i	-1.7856-3.3648i	-1.7464+1.2488i	-0.0419-3.9141i	0.8231+0.0477i
79.8	-22.9557-52.8682i	-44.5773-48.1040i	9.9864+9.0896i	1.6014-0.5691i	-1.8703-3.2763i	-1.7047+1.2301i	-0.1697-3.8062i	0.8805+0.0952i
79.9	-22.9296-52.7668i	-44.2846-48.3177i	9.9769+8.9522i	1.3604-0.5231i	-1.9712-3.2634i	-1.6862+1.2158i	-0.2302-3.7540i	0.9552+0.0544i
80.0	-23.2547-53.4002i	-44.6508-49.2053i	8.9106+9.0946i	1.6786-0.3684i	-2.0880-3.2238i	-1.6456+1.1301i	-0.3314-3.8251i	1.0591+0.0166i

2.1.8 Run 1 – IP000-200 – Accels 9–16

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	4.3340+0.0000i	-16.3780+0.0000i	-5.8338+0.0000i	10.2785+0.0000i	6.5036+0.0000i	1.4817+0.0000i	0.9012+0.0000i	16.0854+0.0000i
0.1	-1.5194+8.3155i	0.4935+0.0177i	-2.5556-11.9148i	0.8103-3.1509i	4.4233-3.4730i	-0.5752+0.0785i	-1.0913-0.8291i	1.7782+3.5734i
0.2	-0.0936+3.2661i	-0.1019+0.9987i	-0.8240-1.3799i	-0.0006+0.4870i	-1.3923+0.7224i	-0.2823+1.1323i	0.6761+0.3771i	-0.1735-0.0068i
0.3	0.9526+1.3559i	0.3775-0.1572i	0.3897+0.3544i	0.1557+0.7276i	0.4609+1.2519i	-0.0472+0.2623i	-0.3148+0.2506i	0.0558+0.5047i
0.4	0.8332-1.8369i	-0.1002+0.3757i	0.1403-0.3222i	0.3703-0.2180i	0.0309+0.0429i	-0.0261-0.1652i	-0.0720-0.2805i	0.0765-1.0065i
0.5	-1.4444+1.3244i	-0.6881+0.1175i	-0.7836-0.0367i	0.0001+0.6154i	-0.5413+0.8850i	-0.3497+0.2997i	0.2646+0.3970i	0.6407-0.1810i
0.6	-0.4241+0.3120i	-0.7533-0.1202i	0.6769+0.4687i	0.5937+0.7432i	0.8491+0.8054i	-0.2577-0.0086i	-0.1294-0.0206i	0.4715+0.3421i
0.7	-0.6089-0.0050i	-0.1153-0.1249i	-0.2251-0.0766i	-0.0005-0.0616i	-0.0247+0.0383i	-0.3918-0.1511i	0.0014-0.0403i	0.2094-0.1662i
0.8	-0.0546+0.0178i	-0.1833-0.0177i	-0.0258-0.0357i	0.0431+0.0195i	-0.0843-0.0946i	-0.0518-0.0874i	0.0411+0.0275i	-0.0082+0.0573i
0.9	0.0156-0.1053i	-0.2249-0.0738i	-0.0916-0.0381i	-0.0287+0.0099i	-0.0090-0.0264i	-0.1081-0.0122i	-0.0325+0.0513i	-0.1648-0.0626i
1.0	0.0888-0.0083i	-0.2597-0.0429i	-0.0961-0.0530i	-0.0045-0.0106i	-0.0322-0.0518i	-0.0799-0.0169i	0.0184+0.0077i	0.0230-0.0047i
1.1	-0.0353+0.0148i	-0.2978-0.0381i	-0.1000-0.0037i	0.0350+0.0109i	0.0031-0.0113i	-0.1334-0.0306i	0.0108+0.0279i	-0.0309-0.0149i
1.2	-0.0336+0.0237i	-0.3532-0.0123i	-0.1697+0.0037i	0.0145-0.0185i	-0.0339+0.0160i	-0.1738+0.0005i	0.0311-0.0376i	-0.0379+0.0100i
1.3	-0.0036+0.0146i	-0.4449-0.0466i	-0.2603-0.0368i	-0.0849-0.0549i	-0.0348-0.0228i	-0.1976-0.0204i	-0.0718-0.0334i	-0.0657-0.0038i
1.4	0.0399-0.0218i	-0.5253-0.0506i	-0.2665-0.0174i	-0.0760+0.0298i	-0.0169-0.0019i	-0.2455-0.0292i	-0.0789+0.0361i	-0.0722-0.0034i
1.5	0.0957-0.0490i	-0.6463-0.0313i	-0.4030+0.0612i	-0.3504+0.3443i	-0.0376+0.0044i	-0.2561-0.0830i	-0.3364+0.3418i	-0.0952-0.0016i
1.6	-0.0337-0.0441i	-0.7725-0.0446i	-0.3859+0.0277i	0.3622+0.2232i	-0.0674-0.0130i	-0.4900-0.0553i	0.3720+0.2103i	-0.1134-0.0060i
1.7	0.0043-0.0261i	-0.9375-0.0605i	-0.5304-0.0087i	0.1872+0.0238i	-0.0767-0.0123i	-0.5648-0.0290i	0.1910+0.0196i	-0.1361-0.0095i
1.8	0.0282-0.0272i	-1.1776-0.0473i	-0.7146-0.0036i	0.1918-0.0052i	-0.1051-0.0188i	-0.7433-0.0128i	0.1949-0.0053i	-0.1720-0.0058i
1.9	0.0500-0.0540i	-1.4964-0.0404i	-0.9657+0.0059i	0.2255-0.0649i	-0.1420-0.0220i	-0.9888+0.0008i	0.2317-0.0654i	-0.2193-0.0045i
2.0	0.0749-0.1163i	-2.0341-0.0218i	-1.4022+0.0274i	0.2998-0.1885i	-0.1890-0.0214i	-1.4289+0.0369i	0.2977-0.1854i	-0.3005-0.0039i
2.1	-0.0663-0.4621i	-3.0177+0.0870i	-2.2583+0.1108i	0.0966-0.8136i	-0.2677+0.0020i	-2.2355+0.1857i	0.0868-0.8083i	-0.4542+0.0054i
2.2	-0.6888+0.0613i	-5.6588+0.9475i	-4.6519+0.9723i	-0.9062+0.0805i	-0.4706-0.0205i	-4.4552+0.9057i	-0.8957+0.1309i	-0.8643+0.1448i
2.3	0.1453+0.9712i	-1.5719+16.2918i	-0.6375+14.7558i	0.3717+0.8377i	-0.5231+1.2537i	-0.7933+14.3488i	0.5046+0.8223i	-0.2281+2.4757i
2.4	0.2131+0.0480i	4.6778+1.7934i	4.8092+1.5399i	0.1262-0.0426i	0.2706+0.2354i	4.6592+1.5529i	0.1461-0.0539i	0.6945+0.2692i
2.5	0.0766+0.0054i	2.4044+0.6359i	2.8099+0.5453i	0.0155-0.0457i	0.1321+0.1172i	2.7209+0.5623i	0.0195-0.0545i	0.3538+0.0949i
2.6	0.0319-0.0008i	1.5017+0.3268i	2.0381+0.2840i	-0.0161-0.0272i	0.0555+0.0792i	1.9797+0.2974i	-0.0089-0.0383i	0.2154+0.0509i
2.7	0.0157-0.0059i	0.9900+0.2290i	1.6329+0.2032i	-0.0230-0.0232i	0.0121+0.0646i	1.5827+0.2158i	-0.0210-0.0298i	0.1379+0.0337i
2.8	0.0099-0.0064i	0.6582+0.1633i	1.3865+0.1495i	-0.0262-0.0220i	-0.0201+0.0488i	1.3469+0.1603i	-0.0182-0.0245i	0.0859+0.0222i
2.9	0.0070-0.0024i	0.4059+0.1326i	1.2223+0.1266i	-0.0185-0.0163i	-0.0430+0.0424i	1.1823+0.1374i	-0.0158-0.0196i	0.0475+0.0199i
3.0	0.0040-0.0036i	0.2012+0.1083i	1.0991+0.1065i	-0.0210-0.0123i	-0.0698+0.0421i	1.0645+0.1142i	-0.0146-0.0169i	0.0123+0.0163i
3.1	0.0039-0.0026i	0.0315+0.0933i	1.0128+0.0960i	-0.0183-0.0104i	-0.0895+0.0378i	0.9792+0.1058i	-0.0121-0.0122i	-0.0160+0.0146i
3.2	0.0026-0.0034i	-0.1167+0.0843i	0.9465+0.0891i	-0.0180-0.0099i	-0.1107+0.0380i	0.9137+0.0957i	-0.0125-0.0124i	-0.0423+0.0136i
3.3	0.0032-0.0019i	-0.2530+0.0760i	0.8959+0.0831i	-0.0170-0.0078i	-0.1314+0.0384i	0.8643+0.0904i	-0.0120-0.0115i	-0.0663+0.0108i
3.4	-0.0007-0.0037i	-0.3828+0.0617i	0.8487+0.0730i	-0.0183-0.0074i	-0.1541+0.0349i	0.8194+0.0808i	-0.0098-0.0101i	-0.0894+0.0086i
3.5	0.0047-0.0041i	-0.5151+0.0418i	0.8152+0.0666i	-0.0136-0.0070i	-0.1740+0.0354i	0.7841+0.0755i	-0.0057-0.0107i	-0.1148+0.0071i
3.6	0.0015-0.0003i	-0.6381+0.0443i	0.7808+0.0675i	-0.0163-0.0095i	-0.2003+0.0343i	0.7535+0.0742i	-0.0043-0.0110i	-0.1402+0.0062i
3.7	0.0017-0.0012i	-0.7597+0.0413i	0.7512+0.0631i	-0.0106-0.0032i	-0.2205+0.0358i	0.7238+0.0725i	-0.0013-0.0081i	-0.1654+0.0073i
3.8	-0.0003-0.0022i	-0.8878+0.0444i	0.7262+0.0612i	-0.0158-0.0022i	-0.2500+0.0382i	0.6997+0.0673i	-0.0027-0.0039i	-0.1930+0.0061i
3.9	0.0046-0.0023i	-1.0084+0.0419i	0.7080+0.0591i	-0.0128-0.0023i	-0.2746+0.0365i	0.6818+0.0673i	-0.0015-0.0033i	-0.2204+0.0061i
4.0	0.0025-0.0000i	-1.1313+0.0297i	0.6894+0.0558i	-0.0153-0.0068i	-0.3045+0.0339i	0.6662+0.0655i	-0.0016-0.0100i	-0.2498+0.0029i
4.1	0.0036-0.0045i	-1.2627+0.0347i	0.6751+0.0519i	-0.0068-0.0085i	-0.3296+0.0330i	0.6473+0.0651i	0.0068-0.0062i	-0.2788+0.0063i
4.2	0.0077-0.0011i	-1.3873+0.0299i	0.6555+0.0600i	-0.0130-0.0034i	-0.3669+0.0423i	0.6264+0.0663i	0.0025-0.0064i	-0.3153+0.0055i
4.3	0.0033+0.0012i	-1.5309+0.0376i	0.6479+0.0580i	-0.0093-0.0076i	-0.3974+0.0416i	0.6234+0.0663i	0.0056-0.0107i	-0.3467+0.0075i
4.4	0.0057-0.0046i	-1.6598+0.0381i	0.6300+0.0654i	-0.0053-0.0103i	-0.4312+0.0513i	0.6074+0.0771i	0.0122-0.0143i	-0.3850+0.0120i
4.5	0.0021-0.0012i	-1.7867+0.0514i	0.6326+0.0644i	-0.0131-0.0110i	-0.4679+0.0606i	0.6082+0.0789i	0.0016-0.0167i	-0.4208+0.0141i
4.6	0.0014+0.0010i	-1.9484+0.0432i	0.6141+0.0663i	-0.0127-0.0073i	-0.5150+0.0604i	0.5908+0.0769i	0.0060-0.0133i	-0.4643+0.0113i
4.7	0.0019-0.0030i	-2.1120+0.0431i	0.6053+0.0609i	-0.0191-0.0088i	-0.5643+0.0558i	0.5820+0.0735i	0.0032-0.0148i	-0.5112+0.0130i
4.8	0.0035-0.0043i	-2.2559+0.0488i	0.5949+0.0633i	-0.0125-0.0093i	-0.6095+0.0577i	0.5729+0.0769i	0.0096-0.0122i	-0.5573+0.0186i
4.9	0.0127-0.0012i	-2.4111+0.0475i	0.6001+0.0687i	-0.0009-0.0103i	-0.6605+0.0620i	0.5717+0.0860i	0.0146-0.0113i	-0.6158+0.0139i
5.0	0.0081+0.0010i	-2.5973+0.0627i	0.5850+0.0767i	-0.0029-0.0148i	-0.7212+0.0820i	0.5595+0.0901i	0.0159-0.0205i	-0.6768+0.0275i
5.1	0.0103-0.0091i	-2.7708+0.0739i	0.5774+0.0862i	0.0004-0.0180i	-0.7899+0.0862i	0.5494+0.1042i	0.0191-0.0216i	-0.7437+0.0294i
5.2	0.0127-0.0017i	-2.9671+0.1057i	0.5728+0.0991i	-0.0097-0.0080i	-0.8650+0.0982i	0.5420+0.1085i	0.0132-0.0204i	-0.8193+0.0478i
5.3	0.0076-0.0038i	-3.1769+0.1304i	0.5594+0.1095i	-0.0092-0.0157i	-0.9645+0.1106i	0.5326+0.1208i	0.0224-0.0284i	-0.9019+0.0544i
5.4	0.0156-0.0109i	-3.3618+0.1755i	0.5677+0.1275i	0.0026-0.0212i	-1.0339+0.1606i	0.5392+0.1421i	0.0252-0.0346i	-0.9836+0.0874i
5.5	0.0173-0.0068i	-3.5691+0.2048i	0.5629+0.1402i	-0.0039-0.0300i	-1.1284+0.1809i	0.5354+0.1564i	0.0237-0.0425i	-1.0738+0.1124i
5.6	0.0165-0.0060i	-3.7790+0.2654i	0.5647+0.1655i	-0.0052-0.0301i	-1.2236+0.2326i	0.5376+0.1838i	0.0290-0.0472i	-1.1754+0.1522i

5.7	0.0199-0.0120i	-3.9742+0.3054i	0.5819+0.1666i	-0.0097-0.0404i	-1.3350+0.2622i	0.5537+0.1841i	0.0220-0.0550i	-1.2840+0.1779i
5.8	0.0208-0.0147i	-4.2419+0.3670i	0.5762+0.1961i	-0.0135-0.0464i	-1.4700+0.3432i	0.5455+0.2199i	0.0213-0.0634i	-1.4166+0.2499i
5.9	0.0176-0.0121i	-4.3859+0.4402i	0.6235+0.2129i	-0.0234-0.0455i	-1.5188+0.4077i	0.5964+0.2390i	0.0081-0.0668i	-1.4755+0.2989i
6.0	0.0069-0.0155i	-4.5532+0.4301i	0.6348+0.2160i	-0.0514-0.0517i	-1.6282+0.4350i	0.6121+0.2437i	-0.0171-0.0664i	-1.5865+0.3187i
6.1	0.0125-0.0121i	-4.7940+0.4631i	0.6702+0.1998i	-0.0592-0.0369i	-1.7460+0.4683i	0.6507+0.2279i	-0.0261-0.0539i	-1.7260+0.3442i
6.2	0.0124-0.0004i	-5.0977+0.4455i	0.6767+0.2124i	-0.0653-0.0325i	-1.9607+0.5024i	0.6541+0.2357i	-0.0190-0.0563i	-1.9456+0.3598i
6.3	0.0093+0.0004i	-5.3874+0.5321i	0.6925+0.2016i	-0.0746-0.0238i	-2.1749+0.5691i	0.6798+0.2245i	-0.0220-0.0430i	-2.1710+0.4326i
6.4	0.0244-0.0025i	-5.8226+0.5554i	0.7015+0.2091i	-0.0630-0.0102i	-2.5013+0.6472i	0.6872+0.2288i	-0.0137-0.0398i	-2.5096+0.5124i
6.5	0.0383+0.0044i	-6.1877+0.6156i	0.7271+0.2154i	-0.0616-0.0058i	-2.8573+0.7614i	0.7082+0.2364i	-0.0076-0.0360i	-2.8848+0.6265i
6.6	0.0440+0.0022i	-6.6512+0.7539i	0.7440+0.2212i	-0.0701-0.0004i	-3.3205+0.9949i	0.7214+0.2346i	-0.0031-0.0383i	-3.3459+0.8512i
6.7	0.0504-0.0058i	-7.0699+0.9101i	0.8035+0.2055i	-0.0794+0.0007i	-3.8033+1.2933i	0.7804+0.2181i	-0.0050-0.0397i	-3.8536+1.1693i
6.8	0.0735-0.0115i	-7.6248+1.1893i	0.8460+0.1992i	-0.0741+0.0220i	-4.4790+1.8192i	0.8076+0.2112i	0.0093-0.0316i	-4.5511+1.6947i
6.9	0.0912-0.0231i	-8.3538+1.7044i	0.9011+0.1876i	-0.0941+0.0369i	-5.4230+2.7889i	0.8546+0.1994i	0.0070-0.0391i	-5.5083+2.6600i
7.0	0.1188-0.0599i	-9.0756+2.7492i	0.9633+0.1133i	-0.0938+0.0593i	-6.4866+4.8884i	0.9007+0.1404i	0.0210-0.0502i	-6.5828+4.7823i
7.1	0.1104-0.1379i	-9.0275+4.9603i	1.0294-0.0173i	-0.1018+0.1046i	-5.9021+9.4001i	0.9644+0.0473i	-0.0061-0.0918i	-6.0322+9.3172i
7.2	0.0282-0.1716i	-6.3386+5.8422i	0.9143-0.1773i	-0.0053+0.1557i	0.0445+11.5303i	0.8884-0.0937i	-0.0289-0.0793i	-0.0977+11.4941i
7.3	-0.0007-0.1324i	-5.7222+4.2287i	0.7550-0.1578i	0.0764+0.1007i	2.4685+8.3406i	0.7491-0.0915i	0.0150-0.0624i	2.3748+8.3217i
7.4	-0.0587-0.1529i	-4.8455+3.9667i	0.6434-0.1004i	0.0815-0.0259i	4.9022+7.3197i	0.6564-0.0192i	-0.0151-0.1642i	4.8279+7.3056i
7.5	-0.0768-0.0754i	-5.2479+1.9582i	0.6447+0.0071i	-0.0037-0.0290i	4.7544+3.3057i	0.6675+0.0508i	-0.0968-0.0949i	4.6877+3.2725i
7.6	-0.0470-0.0384i	-6.5558+1.5203i	0.6980+0.0492i	-0.0178-0.0034i	2.9767+2.1327i	0.7189+0.0782i	-0.0778-0.0590i	2.8990+2.0962i
7.7	-0.0140-0.0423i	-7.4115+1.4442i	0.7405+0.0613i	-0.0099-0.0007i	1.8662+1.9387i	0.7489+0.0845i	-0.0631-0.0504i	1.7860+1.9202i
7.8	-0.0003-0.0399i	-8.3109+1.6249i	0.7621+0.0772i	-0.0116+0.0099i	1.1064+2.1018i	0.7582+0.0925i	-0.0542-0.0540i	1.0319+2.0803i
7.9	-0.0002-0.0632i	-8.8885+2.1218i	0.7749+0.0664i	-0.0107+0.0024i	0.8882+2.6313i	0.7768+0.0891i	-0.0467-0.0634i	0.8255+2.6153i
8.0	-0.0122-0.0508i	-8.9862+1.9423i	0.7792+0.0813i	-0.0131+0.0242i	1.1940+2.2313i	0.7824+0.0979i	-0.0498-0.0364i	1.1313+2.2284i
8.1	0.0158-0.0728i	-9.8251+2.3703i	0.8410+0.0530i	-0.0012-0.0067i	0.5094+2.5924i	0.8363+0.0720i	-0.0440-0.0606i	0.4363+2.6034i
8.2	-0.0080-0.0682i	-10.1501+2.2813i	0.8374+0.0661i	-0.0174+0.0040i	0.7681+2.4622i	0.8410+0.0753i	-0.0550-0.0594i	0.7091+2.4566i
8.3	0.0045-0.0659i	-10.8660+2.2565i	0.8562+0.0600i	-0.0288-0.0030i	0.4435+2.2181i	0.8585+0.0730i	-0.0537-0.0587i	0.3939+2.2229i
8.4	0.0191-0.0660i	-11.9067+2.3758i	0.8898+0.0586i	-0.0181-0.0121i	-0.1246+2.1991i	0.8855+0.0717i	-0.0416-0.0663i	-0.1864+2.2003i
8.5	0.0289-0.0795i	-12.8638+2.6823i	0.9145+0.0341i	-0.0259-0.0009i	-0.6900+2.3673i	0.9079+0.0509i	-0.0465-0.0542i	-0.7389+2.3759i
8.6	0.0481-0.0863i	-14.3076+3.2931i	0.9495+0.0267i	-0.0478+0.0022i	-1.4416+2.8461i	0.9355+0.0359i	-0.0508-0.0616i	-1.4977+2.8588i
8.7	0.0437-0.1173i	-15.4540+4.1078i	0.9696-0.0016i	-0.0455+0.0078i	-1.7996+3.5129i	0.9558+0.0137i	-0.0426-0.0654i	-1.8432+3.5309i
8.8	0.0497-0.1434i	-17.1180+5.6512i	1.0078-0.0480i	-0.0653+0.0221i	-2.5656+4.5039i	0.9873-0.0350i	-0.0577-0.0625i	-2.5920+4.5373i
8.9	0.0411-0.1772i	-17.7709+7.7328i	0.9987-0.1122i	-0.0630+0.0277i	-2.5584+5.8826i	0.9851-0.0831i	-0.0574-0.0647i	-2.5585+5.9288i
9.0	0.0319-0.2363i	-18.7914+11.4697i	1.0374-0.1741i	-0.0561+0.0409i	-2.8850+8.1790i	1.0019-0.1410i	-0.0566-0.0847i	-2.8785+8.2058i
9.1	-0.0632-0.2689i	-15.6834+12.3436i	0.9492-0.2050i	-0.0456+0.0527i	-0.1366+8.6497i	0.9249-0.1836i	-0.0915-0.0770i	-0.1078+8.6752i
9.2	-0.0722-0.3127i	-18.9093+16.4973i	1.0532-0.2618i	-0.0693+0.0671i	-2.1085+10.9162i	1.0057-0.2161i	-0.0905-0.0907i	-2.0112+10.9387i
9.3	-0.2559-0.3106i	-11.6423+23.2508i	0.9326-0.4613i	-0.0382+0.1217i	2.9558+15.0085i	0.8986-0.3873i	-0.1265-0.0865i	3.1153+14.9281i
9.4	-0.3549-0.1671i	-2.8234+20.3934i	0.7199-0.4498i	0.0185+0.1226i	8.8003+13.0704i	0.7233-0.3547i	-0.1346-0.0439i	8.8979+12.9002i
9.5	-0.3201-0.0471i	0.1576+14.0542i	0.6259-0.3267i	0.0520+0.0822i	10.9273+8.9854i	0.6420-0.2503i	-0.1238-0.0255i	10.9256+8.8066i
9.6	-0.2792+0.0165i	-0.7224+9.2194i	0.6060-0.2086i	0.0515+0.0499i	10.7342+5.8761i	0.6394-0.1510i	-0.1167-0.0240i	10.6934+5.7114i
9.7	-0.2202+0.0432i	-2.5012+6.5256i	0.6218-0.1485i	0.0433+0.0298i	9.9122+4.1458i	0.6565-0.0876i	-0.1073-0.0216i	9.8384+4.0108i
9.8	-0.1772+0.0601i	-4.3116+4.9196i	0.6653-0.1057i	0.0438+0.0213i	9.2311+3.0829i	0.6922-0.0541i	-0.1092-0.0158i	9.1245+2.9689i
9.9	-0.1496+0.0406i	-5.9808+3.9077i	0.6965-0.0792i	0.0291+0.0104i	8.5597+2.3381i	0.7383-0.0365i	-0.1114-0.0156i	8.4423+2.2587i
10.0	-0.1206+0.0449i	-7.4249+3.2472i	0.7252-0.0500i	0.0188+0.0030i	8.0134+1.7964i	0.7588-0.0153i	-0.1062-0.0168i	7.8864+1.7339i
10.1	-0.1088+0.0316i	-8.8507+2.6799i	0.7469-0.0228i	0.0206+0.0150i	7.5564+1.4530i	0.7824+0.0033i	-0.0995-0.0120i	7.4312+1.4073i
10.2	-0.1099+0.0331i	-10.2873+2.3751i	0.7717-0.0173i	0.0061+0.0125i	7.1788+1.2318i	0.8123+0.0046i	-0.0997-0.0050i	7.0594+1.1994i
10.3	-0.1072+0.0454i	-11.6814+2.2397i	0.7985-0.0363i	0.0116+0.0140i	6.9351+1.0884i	0.8353-0.0030i	-0.1002+0.0099i	6.8179+1.0627i
10.4	-0.0828+0.0429i	-12.7479+2.3124i	0.8331-0.0234i	0.0191+0.0215i	6.7464+0.9157i	0.8618-0.0001i	-0.0972+0.0118i	6.6207+0.8896i
10.5	-0.0705+0.0323i	-13.9450+2.1946i	0.8604-0.0144i	0.0150+0.0114i	6.5829+0.7868i	0.8912+0.0032i	-0.0963+0.0012i	6.4502+0.7866i
10.6	-0.0612+0.0212i	-15.3022+1.8736i	0.8821-0.0021i	0.0213-0.0036i	6.4417+0.7043i	0.9067+0.0220i	-0.0878-0.0085i	6.3196+0.7174i
10.7	-0.0544+0.0085i	-16.6284+1.7603i	0.9116+0.0058i	0.0169-0.0105i	6.3255+0.6397i	0.9409+0.0237i	-0.0881-0.0144i	6.2176+0.6750i
10.8	-0.0573+0.0004i	-17.8746+1.7346i	0.9410+0.0081i	0.0092-0.0059i	6.2229+0.5800i	0.9684+0.0242i	-0.0979-0.0192i	6.1188+0.6106i
10.9	-0.0590+0.0010i	-19.3718+1.8778i	0.9554+0.0129i	-0.0076-0.0092i	6.1866+0.4972i	0.9906+0.0267i	-0.1038-0.0207i	6.1032+0.5442i
11.0	-0.0576-0.0020i	-20.8206+1.9567i	0.9824+0.0026i	0.0008+0.0026i	6.1400+0.4066i	1.0169+0.0201i	-0.0899+0.0023i	6.0545+0.4417i
11.1	-0.0448-0.0079i	-22.3227+1.9650i	1.0208+0.0057i	0.0097-0.0059i	6.1340+0.3736i	1.0440+0.0208i	-0.0931-0.0099i	6.0474+0.4172i
11.2	-0.0431-0.0127i	-24.0969+2.0293i	1.0577-0.0009i	0.0163-0.0258i	6.1566+0.3407i	1.0815+0.0107i	-0.0842-0.0257i	6.0649+0.3896i
11.3	-0.0531-0.0399i	-26.0906+2.1881i	1.0926-0.0101i	-0.0118-0.0511i	6.2017+0.3139i	1.1197+0.0054i	-0.1097-0.0439i	6.1284+0.3797i
11.4	-0.0689-0.0633i	-28.3388+2.2665i	1.1453+0.0031i	-0.0405-0.0654i	6.2998+0.2914i	1.1747+0.0109i	-0.1364-0.0639i	6.2522+0.3614i
11.5	-0.0987-0.0766i	-30.7883+2.4049i	1.1911+0.0031i	-0.0971-0.0755i	6.3596+0.2514i	1.2239+0.0152i	-0.1957-0.0717i	6.3476+0.3099i
11.6	-0.1234-0.0606i	-33.5242+3.1582i	1.2521-0.0102i	-0.1175-0.0500i	6.5298+0.1594i	1.2832+0.0023i	-0.2221-0.0468i	6.5107+0.1975i
11.7	-0.1496-0.0524i	-36.0061+3.5283i	1.2909-0.0137i	-0.1658-0.0199i	6.6039+0.1415i	1.3335-0.0118i	-0.2634-0.0151i	6.6026+0.1727i
11.8	-0.1588-0.0374i	-39.1509+4.3110i	1.3539-0.0378i	-0.1882+0.0180i	6.7766+0.0532i	1.4082-0.0305i	-0.2880+0.0327i	6.7846+0.0907i
11.9	-0.1571-0.0170i	-42.7588+4.7626i	1.4276-0.0383i	-0.1903+0.0466i	6.9869+0.0435i	1.4726-0.0311i	-0.2928+0.0644i	6.9814+0.0739i

12.0	-0.1944-0.0117i	-47.7834+7.0679i	1.5384-0.0765i	-0.2389+0.0947i	7.3971-0.2014i	1.5955-0.0834i	-0.3461+0.1045i	7.4145-0.1872i
12.1	-0.2034-0.0080i	-52.1804+7.8722i	1.6241-0.0893i	-0.2619+0.1138i	7.6800-0.2508i	1.6798-0.0967i	-0.3835+0.1394i	7.6981-0.2145i
12.2	-0.2161-0.0213i	-58.9282+9.3477i	1.7556-0.0863i	-0.3074+0.1704i	8.2097-0.3257i	1.8158-0.1134i	-0.4306+0.1802i	8.2418-0.3016i
12.3	-0.2473+0.0115i	-65.8676+12.9485i	1.9007-0.1706i	-0.3969+0.2612i	8.7298-0.6746i	1.9799-0.2093i	-0.5219+0.2940i	8.8206-0.6690i
12.4	-0.3060+0.0008i	-74.3723+16.4796i	2.0643-0.2072i	-0.4905+0.3654i	9.3747-0.8807i	2.1448-0.2666i	-0.5970+0.3977i	9.5358-0.9107i
12.5	-0.3405+0.0457i	-84.4246+25.3608i	2.2766-0.3792i	-0.5226+0.5829i	10.1815-1.6478i	2.3577-0.4800i	-0.6481+0.6370i	10.3973-1.7494i
12.6	-0.4183+0.0859i	-96.4077+33.3663i	2.5267-0.4973i	-0.5964+0.8466i	11.0959-2.1961i	2.6058-0.6610i	-0.7117+0.9043i	11.4075-2.3934i
12.7	-0.5714+0.1695i	-110.2282+48.1425i	2.8260-0.7365i	-0.6460+1.2652i	12.1753-3.2590i	2.8960-0.9781i	-0.7527+1.3253i	12.6361-3.6731i
12.8	-0.7183+0.3127i	-122.8936+68.2737i	3.1413-1.0989i	-0.4753+1.8010i	13.2258-4.7375i	3.1494-1.4134i	-0.5994+1.8708i	13.7238-5.4824i
12.9	-0.8582+0.7931i	-124.5859+117.9555i	3.3116-2.0643i	0.4598+2.7200i	13.5290-8.6172i	3.0810-2.4684i	0.3776+2.7919i	13.7565-10.0903i
13.0	-0.6838+1.7309i	-101.1713+185.4344i	3.0917-3.5049i	2.4783+3.2952i	12.3162-14.0022i	2.4544-3.8570i	2.3977+3.3941i	11.5091-16.3602i
13.1	0.4895+2.3713i	-20.0044+216.1475i	1.5505-4.4538i	4.5220+1.6067i	6.3864-17.0577i	0.7389-4.2850i	4.4771+1.6801i	3.8632-19.0724i
13.2	1.8545+1.8118i	48.5679+176.5084i	-0.0449-3.9357i	4.5181-1.0659i	0.8283-14.7953i	-0.5450-3.2891i	4.4938-0.9970i	-2.6476-15.1442i
13.3	2.5377+0.8422i	70.1568+135.2588i	-0.6852-3.1524i	3.4572-2.4258i	-1.1478-12.0240i	-0.8140-2.4244i	3.4200-2.3899i	-4.5835-10.9723i
13.4	2.6754-0.1927i	74.1425+104.5697i	-0.9260-2.4691i	2.4027-3.0619i	-1.7975-9.9820i	-0.7725-1.8384i	2.3540-3.0464i	-4.7560-7.8400i
13.5	2.4817-1.1565i	73.4606+88.2433i	-0.9700-2.0800i	1.4247-3.4314i	-2.0505-9.0715i	-0.6407-1.5924i	1.3655-3.4234i	-4.2855-6.0025i
13.6	1.7437-2.0141i	64.8897+74.3306i	-0.8304-1.7065i	0.3817-3.3647i	-1.9315-8.1664i	-0.4264-1.4371i	0.2913-3.3789i	-2.9640-4.5439i
13.7	0.7327-2.3796i	64.3447+65.4567i	-0.8350-1.5009i	-0.5411-3.0785i	-2.5314-7.6126i	-0.4481-1.4023i	-0.6638-3.0640i	-2.2525-4.0005i
13.8	-0.0861-2.2127i	66.2852+57.9307i	-0.8833-1.3336i	-1.1028-2.5603i	-3.2314-6.9138i	-0.5641-1.3383i	-1.2410-2.5029i	-2.0499-3.8381i
13.9	-0.6944-1.7171i	65.5964+48.7679i	-0.8860-1.1268i	-1.4286-1.9056i	-3.5268-5.9226i	-0.6503-1.1820i	-1.5774-1.8103i	-1.8126-3.6543i
14.0	-0.8639-1.2747i	62.4165+39.7773i	-0.8400-0.9167i	-1.4691-1.4190i	-3.5644-4.9901i	-0.6482-0.9883i	-1.5894-1.2868i	-1.7417-3.3303i
14.1	-0.9329-0.8803i	57.6877+31.0277i	-0.7585-0.7068i	-1.4245-1.0237i	-3.4558-4.0541i	-0.6221-0.7832i	-1.5089-0.8774i	-1.6523-2.9161i
14.2	-0.8944-0.6514i	52.6429+27.1289i	-0.6560-0.5955i	-1.3202-0.7634i	-3.2101-3.4407i	-0.5451-0.6745i	-1.3713-0.6287i	-1.5230-2.6217i
14.3	-0.8817-0.4659i	46.1068+20.2245i	-0.5248-0.4294i	-1.2460-0.5589i	-2.8559-2.6393i	-0.4395-0.5007i	-1.2687-0.4370i	-1.2259-2.0866i
14.4	-0.8150-0.3349i	41.9634+18.5443i	-0.4344-0.3728i	-1.1559-0.4345i	-2.5651-2.2651i	-0.3565-0.4377i	-1.1636-0.3217i	-1.0671-1.8866i
14.5	-0.7627-0.2475i	37.5545+14.7459i	-0.3452-0.2838i	-1.0718-0.3402i	-2.2958-1.7863i	-0.2821-0.3344i	-1.0697-0.2385i	-0.8908-1.5345i
14.6	-0.7189-0.1792i	32.4182+13.8947i	-0.2255-0.2578i	-0.9959-0.2681i	-1.8919-1.4711i	-0.1723-0.2965i	-0.9920-0.1873i	-0.5622-1.3197i
14.7	-0.6863-0.1263i	28.6154+10.8059i	-0.1545-0.1742i	-0.9363-0.2300i	-1.6258-1.1161i	-0.1155-0.2179i	-0.9324-0.1664i	-0.3565-1.0361i
14.8	-0.6281-0.0490i	25.1892+12.1130i	-0.0738-0.1849i	-0.8814-0.1859i	-1.3750-1.0115i	-0.0341-0.2173i	-0.8752-0.1271i	-0.2085-1.0437i
14.9	-0.6003-0.0251i	22.4386+11.3828i	-0.0135-0.1624i	-0.8810-0.1657i	-1.1453-0.7691i	0.0290-0.1968i	-0.8689-0.1183i	-0.0520-0.8559i
15.0	-0.5709+0.0123i	18.4295+10.7529i	0.0641-0.1557i	-0.8653-0.1019i	-0.7512-0.5405i	0.1029-0.1807i	-0.8599-0.0815i	0.2789-0.6645i
15.1	-0.5201+0.0078i	16.7823+9.2053i	0.0905-0.1187i	-0.8452-0.0960i	-0.5778-0.4324i	0.1402-0.1357i	-0.8360-0.0793i	0.3899-0.5286i
15.2	-0.5179-0.0042i	13.9825+8.5827i	0.1556-0.1072i	-0.8261-0.0700i	-0.3277-0.3344i	0.1915-0.1259i	-0.8289-0.0651i	0.6166-0.4004i
15.3	-0.5156-0.0105i	8.5149+6.2702i	0.2523-0.0530i	-0.8226-0.0661i	0.0122-0.1344i	0.2952-0.0682i	-0.8355-0.0627i	0.9604-0.1868i
15.4	-0.5143+0.0054i	7.7653+8.1380i	0.2641-0.0882i	-0.7975-0.0375i	0.1208-0.2416i	0.3039-0.0988i	-0.8169-0.0436i	1.0839-0.2890i
15.5	-0.5208+0.0164i	4.1377+7.5918i	0.3235-0.0629i	-0.8057-0.0288i	0.3457-0.1597i	0.3640-0.0708i	-0.8350-0.0372i	1.3345-0.2180i
15.6	-0.5323+0.0246i	1.2227+6.9974i	0.3779-0.0342i	-0.8071-0.0199i	0.5007-0.0682i	0.4207-0.0466i	-0.8435-0.0327i	1.5211-0.1293i
15.7	-0.5594+0.0577i	-3.6135+8.9158i	0.4613-0.0643i	-0.8147+0.0091i	0.7935-0.0653i	0.5045-0.0678i	-0.8581-0.0079i	1.8693-0.1701i
15.8	-0.5719+0.0714i	-7.5052+9.2221i	0.5214-0.0531i	-0.8303+0.0071i	1.0402+0.0148i	0.5705-0.0528i	-0.8831-0.0145i	2.1678-0.1173i
15.9	-0.5952+0.0887i	-11.1848+9.5924i	0.5776-0.0261i	-0.8605+0.0022i	1.2069+0.0478i	0.6394-0.0203i	-0.9324-0.0083i	2.3982-0.1008i
16.0	-0.6334+0.0974i	-15.9260+9.5519i	0.6454+0.0085i	-0.9140+0.0013i	1.4178+0.1642i	0.7104+0.0140i	-0.9923-0.0142i	2.6926-0.0205i
16.1	-0.6580+0.1497i	-20.9287+11.0324i	0.7397+0.0131i	-0.9667+0.0134i	1.7575+0.2379i	0.8102+0.0204i	-1.0580+0.0004i	3.1328-0.0387i
16.2	-0.7047+0.2043i	-25.7423+13.6355i	0.8551+0.0134i	-1.0312+0.0291i	2.0848+0.2295i	0.9337+0.0183i	-1.1344+0.0140i	3.5539-0.1458i
16.3	-0.7338+0.2725i	-30.7091+15.5590i	0.9332-0.0046i	-1.1284+0.0736i	2.3194+0.1614i	1.0335-0.0043i	-1.2388+0.0687i	3.9046-0.3593i
16.4	-0.7957+0.4056i	-41.3458+22.1721i	1.1289-0.0630i	-1.2860+0.1777i	2.9636+0.0232i	1.2459-0.0779i	-1.4170+0.1833i	4.7202-0.7514i
16.5	-0.7709+0.5421i	-48.1549+27.8364i	1.2505-0.0925i	-1.4074+0.3023i	3.3639-0.0926i	1.3876-0.1284i	-1.5470+0.3085i	5.1362-1.1216i
16.6	-0.6766+0.5904i	-50.4059+30.1591i	1.2779-0.0810i	-1.4554+0.3883i	3.4784-0.0351i	1.4264-0.1227i	-1.5918+0.3985i	5.1408-1.1645i
16.7	-0.6604+0.6379i	-61.9298+37.3485i	1.5414-0.1051i	-1.5933+0.5599i	4.2848-0.1222i	1.7008-0.1738i	-1.7570+0.5703i	5.9864-1.4412i
16.8	-0.6552+0.6750i	-70.3002+45.4053i	1.7592-0.2043i	-1.6576+0.7015i	4.8187-0.4555i	1.9152-0.2820i	-1.8428+0.7139i	6.5404-1.9287i
16.9	-0.6836+0.6530i	-69.5557+51.6498i	1.7458-0.2627i	-1.6459+0.7989i	4.6223-0.8004i	1.8982-0.3600i	-1.8340+0.8363i	6.4470-2.2641i
17.0	-0.5418+0.9416i	-74.0966+80.1106i	2.0052-0.6254i	-1.6691+1.2576i	5.0503-1.7847i	2.1368-0.7685i	-1.8672+1.3402i	6.7109-3.9819i
17.1	-0.3166+1.1321i	-76.0856+108.5864i	2.3110-0.9163i	-1.6084+1.7511i	6.0231-2.1805i	2.4381-1.1093i	-1.8341+1.8611i	7.2780-5.0083i
17.2	-0.2764+0.9639i	-64.5430+138.8226i	2.4812-1.5655i	-1.3690+2.0399i	6.2937-4.1334i	2.5771-1.7713i	-1.5735+2.2157i	7.3435-6.9046i
17.3	-0.1492+1.2712i	-35.9692+173.9164i	2.3077-2.3176i	-0.9984+2.5704i	5.6506-5.4224i	2.3709-2.5672i	-1.1780+2.8054i	6.2047-9.0828i
17.4	0.2867+1.3729i	8.4465+192.2447i	1.9085-3.0067i	-0.3161+2.8834i	5.5388-6.8260i	1.9054-3.2855i	-0.4708+3.1730i	4.7961-10.8110i
17.5	0.5624+1.1831i	37.9451+191.3002i	1.5449-3.4349i	0.2382+2.9117i	5.2688-8.4340i	1.4701-3.7195i	0.1147+3.2160i	3.6934-11.9521i
17.6	0.6513+1.0383i	74.8457+184.1496i	0.6709-3.8359i	0.8186+2.7468i	2.9499-10.0692i	0.5672-4.0878i	0.7808+3.0908i	0.9565-13.1001i
17.7	0.8313+0.8525i	106.4655+152.8877i	-0.2959-3.5665i	1.2982+2.2744i	0.3620-9.5579i	-0.4504-3.7697i	1.3322+2.5811i	-2.1310-11.9597i
17.8	1.0249+0.6182i	125.6475+131.6225i	-0.8985-3.3515i	1.6521+1.9550i	-1.1195-9.2765i	-1.0767-3.5150i	1.7369+2.2404i	-4.0906-11.0340i
17.9	1.0112+0.3673i	127.7392+111.1081i	-1.1649-2.9805i	1.7375+1.6034i	-1.9288-8.5674i	-1.3501-3.1059i	1.8391+1.8633i	-4.8571-9.6477i
18.0	0.9058+0.1703i	127.4652+91.4313i	-1.3630-2.5634i	1.7353+1.2833i	-2.6069-7.7019i	-1.5506-2.6651i	1.8516+1.4997i	-5.2840-8.2632i
18.1	0.7881+0.0869i	122.8895+77.2758i	-1.4132-2.2163i	1.7011+1.0735i	-2.8861-6.8745i	-1.5877-2.3000i	1.8149+1.2643i	-5.2632-7.1970i
18.2	0.6822-0.0069i	117.7476+62.7270i	-1.4287-1.8831i	1.6360+0.8299i	-3.1016-6.1124i	-1.5940-1.9387i	1.7516+0.9940i	-5.2027-6.1588i

18.3	0.5842-0.0647i	111.8891+52.8378i	-1.3941-1.6228i	1.5514+0.6488i	-3.1580-5.5579i	-1.5486-1.6696i	1.6662+0.7943i	-5.0135-5.4408i
18.4	0.5063-0.0995i	109.3202+46.1939i	-1.4006-1.4797i	1.5313+0.4953i	-3.3667-5.3269i	-1.5464-1.5050i	1.6440+0.6368i	-5.0394-5.0706i
18.5	0.4531-0.0833i	102.0517+39.6437i	-1.3333-1.3001i	1.4070+0.3613i	-3.5387-4.9209i	-1.4720-1.3182i	1.5142+0.4877i	-5.0046-4.6428i
18.6	0.4275-0.1404i	96.3216+33.7253i	-1.3416-1.0638i	1.2313+0.2377i	-4.1085-3.9870i	-1.4589-1.0685i	1.3500+0.3464i	-5.3300-3.6120i
18.7	0.3020-0.1865i	92.7647+30.3627i	-1.1952-0.8794i	1.1525+0.2255i	-3.5062-2.8920i	-1.3017-0.8813i	1.2685+0.3158i	-4.5078-2.5869i
18.8	0.2310-0.1399i	87.6396+26.3512i	-1.0599-0.7975i	1.0994+0.1859i	-2.9350-2.8166i	-1.1602-0.8057i	1.1949+0.2601i	-3.8411-2.5892i
18.9	0.1959-0.1159i	84.5223+24.4041i	-1.0015-0.7480i	1.0836+0.1668i	-2.7997-2.7612i	-1.1000-0.7557i	1.1771+0.2362i	-3.6404-2.5607i
19.0	0.1674-0.0956i	81.6377+21.5815i	-0.9506-0.6865i	1.0385+0.1063i	-2.7261-2.6181i	-1.0450-0.6874i	1.1229+0.1756i	-3.4949-2.4246i
19.1	0.1437-0.0756i	76.8712+20.7921i	-0.8582-0.6601i	0.9746+0.0976i	-2.5336-2.5364i	-0.9470-0.6687i	1.0521+0.1591i	-3.2338-2.4056i
19.2	0.1263-0.0561i	74.9075+18.9965i	-0.8289-0.6164i	0.9396+0.0598i	-2.5207-2.3917i	-0.9190-0.6202i	1.0152+0.1153i	-3.1969-2.2943i
19.3	0.1171-0.0407i	72.6681+17.4906i	-0.7907-0.5832i	0.9058+0.0251i	-2.4428-2.2984i	-0.8751-0.5852i	0.9805+0.0809i	-3.0987-2.2356i
19.4	0.1105-0.0316i	70.9229+15.6386i	-0.7755-0.5457i	0.8770-0.0251i	-2.4707-2.2008i	-0.8615-0.5404i	0.9506+0.0333i	-3.1277-2.1458i
19.5	0.1058-0.0258i	69.5422+14.8769i	-0.7710-0.5175i	0.8785-0.0302i	-2.4956-2.0735i	-0.8518-0.5159i	0.9457+0.0199i	-3.1836-2.0375i
19.6	0.1165-0.0073i	68.0732+14.3440i	-0.7375-0.5010i	0.8738-0.0508i	-2.4498-1.9685i	-0.8240-0.4921i	0.9443+0.0069i	-3.1548-1.9351i
19.7	0.1246-0.0029i	67.3882+15.2506i	-0.7094-0.5079i	0.8974-0.0304i	-2.4309-1.9682i	-0.8004-0.5083i	0.9560+0.0210i	-3.1788-1.9475i
19.8	0.1204-0.0146i	65.5463+13.8189i	-0.6907-0.4791i	0.8459-0.0776i	-2.4028-1.8696i	-0.7735-0.4655i	0.9107-0.0192i	-3.1261-1.7950i
19.9	0.1105-0.0276i	63.5303+13.1684i	-0.6627-0.4414i	0.8057-0.0960i	-2.3831-1.7280i	-0.7403-0.4303i	0.8686-0.0436i	-3.0734-1.6295i
20.0	0.1004-0.0376i	61.6994+11.7822i	-0.6483-0.4009i	0.7585-0.1144i	-2.3846-1.5267i	-0.7206-0.3861i	0.8230-0.0695i	-3.0283-1.4102i
20.1	0.0751-0.0378i	60.7330+12.2268i	-0.6250-0.3899i	0.7698-0.0999i	-2.3275-1.4631i	-0.7014-0.3787i	0.8248-0.0513i	-2.9541-1.3410i
20.2	0.0596-0.0372i	59.8014+10.6294i	-0.6114-0.3397i	0.7623-0.1223i	-2.2911-1.2477i	-0.6850-0.3310i	0.8269-0.0740i	-2.8941-1.1285i
20.3	0.0513-0.0208i	59.0413+10.9284i	-0.5821-0.3328i	0.7733-0.1067i	-2.2642-1.1912i	-0.6651-0.3180i	0.8382-0.0589i	-2.8698-1.0941i
20.4	0.0507-0.0149i	57.4335+10.2466i	-0.5526-0.3142i	0.7799-0.1252i	-2.1563-1.0799i	-0.6295-0.3031i	0.8471-0.0802i	-2.7770-0.9868i
20.5	0.0470-0.0155i	56.6157+9.9966i	-0.5429-0.3053i	0.8065-0.1616i	-2.0908-1.0088i	-0.6293-0.2860i	0.8815-0.1199i	-2.7305-0.8948i
20.6	0.0440-0.0134i	55.3079+9.8084i	-0.5061-0.2870i	0.8160-0.1655i	-2.0095-0.9031i	-0.5987-0.2673i	0.8833-0.1310i	-2.6426-0.7866i
20.7	0.0278-0.0155i	54.4993+8.7090i	-0.4946-0.2544i	0.8329-0.2126i	-1.9716-0.7436i	-0.5855-0.2304i	0.9047-0.1896i	-2.6006-0.5983i
20.8	0.0196-0.0167i	53.4229+8.8866i	-0.4631-0.2514i	0.8520-0.2138i	-1.8662-0.6827i	-0.5571-0.2341i	0.9187-0.1979i	-2.5106-0.5317i
20.9	0.0022-0.0083i	53.2015+8.5711i	-0.4583-0.2420i	0.9012-0.2933i	-1.8469-0.6352i	-0.5592-0.2138i	0.9551-0.2805i	-2.5051-0.4406i
21.0	-0.0119+0.0043i	53.1669+8.3599i	-0.4571-0.2237i	0.9583-0.3627i	-1.8084-0.5703i	-0.5654-0.1920i	1.0158-0.3581i	-2.4867-0.3330i
21.1	-0.0185+0.0057i	51.5692+7.9784i	-0.4377-0.2105i	0.9095-0.4016i	-1.7083-0.4830i	-0.5386-0.1721i	0.9705-0.3957i	-2.3437-0.2328i
21.2	-0.0260+0.0112i	50.9186+8.4271i	-0.4156-0.2130i	0.9526-0.4656i	-1.6168-0.4401i	-0.5250-0.1678i	0.9997-0.4503i	-2.2576-0.1695i
21.3	-0.0425+0.0350i	49.9225+8.4642i	-0.3839-0.1902i	0.9716-0.5574i	-1.5247-0.4104i	-0.4971-0.1404i	1.0139-0.5460i	-2.1582-0.1009i
21.4	-0.0427+0.0578i	49.6427+7.3135i	-0.3912-0.1468i	0.9019-0.7024i	-1.4715-0.2565i	-0.4797-0.0741i	0.9560-0.6911i	-2.0649+0.1107i
21.5	-0.0697+0.0945i	50.6172+6.4614i	-0.3883-0.1355i	0.9504-0.9105i	-1.4142-0.2053i	-0.4884-0.0347i	0.9990-0.9087i	-2.0233+0.2567i
21.6	-0.0556+0.1316i	49.3650+6.8707i	-0.3457-0.1359i	0.8155-1.0531i	-1.2680-0.2194i	-0.4415-0.0274i	0.8570-1.0448i	-1.8060+0.2881i
21.7	-0.0181+0.1723i	48.1964+6.4012i	-0.3266-0.1198i	0.5785-1.2203i	-1.1752-0.2100i	-0.3969+0.0023i	0.6147-1.2150i	-1.6106+0.3489i
21.8	0.0160+0.1821i	48.0196+6.4801i	-0.3135-0.1210i	0.3911-1.2569i	-1.1154-0.2161i	-0.3640+0.0129i	0.4238-1.2517i	-1.4889+0.3506i
21.9	0.0469+0.1816i	47.3805+6.2177i	-0.3022-0.1025i	0.1987-1.2091i	-1.0659-0.2128i	-0.3320+0.0141i	0.2236-1.2045i	-1.3457+0.3294i
22.0	0.0897+0.1892i	47.0132+6.0228i	-0.2721-0.0947i	-0.0265-1.1940i	-1.0183-0.2052i	-0.2792+0.0276i	0.0051-1.1910i	-1.2088+0.3306i
22.1	0.1311+0.1641i	46.2811+6.1538i	-0.2643-0.0918i	-0.2183-1.0586i	-0.9817-0.2191i	-0.2576+0.0103i	-0.1836-1.0610i	-1.1058+0.2591i
22.2	0.1458+0.1517i	46.5122+6.0906i	-0.2608-0.1088i	-0.2933-0.9651i	-0.9321-0.2368i	-0.2445-0.0144i	-0.2619-0.9641i	-1.0355+0.1928i
22.3	0.1437+0.1250i	45.9764+5.6533i	-0.2334-0.0860i	-0.3233-0.7965i	-0.8803-0.1865i	-0.2175-0.0036i	-0.2936-0.7923i	-0.9594+0.1685i
22.4	0.1379+0.0989i	45.0241+5.7295i	-0.2044-0.0817i	-0.2989-0.6579i	-0.7925-0.2081i	-0.1885-0.0112i	-0.2645-0.6566i	-0.8881+0.0976i
22.5	0.1418+0.0837i	44.8322+5.7538i	-0.2071-0.1011i	-0.3063-0.5548i	-0.7739-0.2554i	-0.1877-0.0376i	-0.2824-0.5457i	-0.8955+0.0248i
22.6	0.1575+0.0894i	44.8797+5.6798i	-0.2015-0.0903i	-0.3471-0.5398i	-0.7754-0.2299i	-0.1867-0.0319i	-0.3266-0.5319i	-0.8757+0.0184i
22.7	0.1406+0.0763i	44.4391+5.6224i	-0.1856-0.0805i	-0.3092-0.4934i	-0.7304-0.2406i	-0.1756-0.0262i	-0.2843-0.4885i	-0.8431+0.0122i
22.8	0.1238+0.0540i	44.4198+5.2684i	-0.1857-0.0761i	-0.2056-0.4291i	-0.6933-0.2273i	-0.1754-0.0205i	-0.1792-0.4252i	-0.8418+0.0335i
22.9	0.1186+0.0476i	43.5868+5.4452i	-0.1499-0.0825i	-0.1866-0.3871i	-0.6192-0.2771i	-0.1503-0.0341i	-0.1640-0.3776i	-0.7752-0.0277i
23.0	0.1271+0.0620i	42.6027+5.1783i	-0.1421-0.0703i	-0.2464-0.4025i	-0.6230-0.2656i	-0.1314-0.0216i	-0.2247-0.3981i	-0.7290-0.0156i
23.1	0.1373+0.0624i	42.8112+5.2968i	-0.1300-0.0801i	-0.2963-0.4055i	-0.6403-0.2834i	-0.1139-0.0358i	-0.2787-0.3999i	-0.6994-0.0528i
23.2	0.1283+0.0645i	42.1720+5.0873i	-0.1161-0.0703i	-0.2474-0.4039i	-0.5978-0.2552i	-0.1032-0.0240i	-0.2260-0.4018i	-0.6723-0.0231i
23.3	0.1183+0.0631i	41.9695+4.7654i	-0.1101-0.0653i	-0.2360-0.4238i	-0.6060-0.2522i	-0.0936-0.0093i	-0.2111-0.4214i	-0.6550+0.0136i
23.4	0.1312+0.0407i	42.5936+4.7406i	-0.1266-0.0601i	-0.2471-0.3477i	-0.6105-0.2690i	-0.1074-0.0055i	-0.2174-0.3457i	-0.6595-0.0130i
23.5	0.1282+0.0468i	41.9488+4.5634i	-0.1139-0.0597i	-0.2910-0.3387i	-0.5632-0.2529i	-0.0800-0.0122i	-0.2713-0.3298i	-0.6055-0.0331i
23.6	0.1260+0.0369i	41.5647+4.5431i	-0.0964-0.0598i	-0.3138-0.3118i	-0.5634-0.2175i	-0.0638-0.0154i	-0.2941-0.3044i	-0.5719-0.0333i
23.7	0.1296+0.0327i	41.3404+4.7984i	-0.0846-0.0607i	-0.2608-0.2927i	-0.5526-0.2007i	-0.0608-0.0147i	-0.2457-0.2833i	-0.5777-0.0414i
23.8	0.1269+0.0279i	41.0757+4.6518i	-0.0715-0.0518i	-0.2645-0.2278i	-0.5286-0.1895i	-0.0500-0.0197i	-0.2455-0.2212i	-0.5592-0.0671i
23.9	0.1371+0.0185i	41.7388+4.2700i	-0.0896-0.0420i	-0.2669-0.1877i	-0.5435-0.1718i	-0.0666-0.0130i	-0.2515-0.1778i	-0.5972-0.0558i
24.0	0.1300+0.0035i	40.8674+3.8524i	-0.0623-0.0329i	-0.2509-0.1592i	-0.4893-0.1493i	-0.0389-0.0032i	-0.2395-0.1448i	-0.5351-0.0472i
24.1	0.1230+0.0029i	40.1952+4.3617i	-0.0364-0.0303i	-0.2220-0.1233i	-0.4376-0.1407i	-0.0222-0.0040i	-0.2028-0.1172i	-0.5115-0.0618i
24.2	0.1202+0.0073i	40.1080+4.4008i	-0.0382-0.0303i	-0.2231-0.1030i	-0.4288-0.1469i	-0.0213-0.0088i	-0.2071-0.1079i	-0.5141-0.0772i
24.3	0.1192+0.0002i	40.0626+4.2570i	-0.0240-0.0312i	-0.2307-0.0827i	-0.4059-0.1310i	-0.0158-0.0155i	-0.2198-0.0856i	-0.4984-0.0806i
24.4	0.1142-0.0067i	40.0509+4.4756i	-0.0268-0.0356i	-0.2372-0.0966i	-0.3795-0.1234i	-0.0058-0.0159i	-0.2239-0.0959i	-0.4929-0.0612i
24.5	0.1112-0.0092i	39.5213+4.2499i	-0.0038-0.0238i	-0.2067-0.0783i	-0.3282-0.1013i	0.0132-0.0124i	-0.1927-0.0790i	-0.4443-0.0519i

24.6	0.1004-0.0150i	39.6440+3.8402i	-0.0007-0.0121i	-0.1831-0.0597i	-0.3164-0.0764i	0.0138+0.0033i	-0.1708-0.0575i	-0.4361-0.0223i
24.7	0.1021-0.0225i	39.3976+4.0516i	0.0088-0.0246i	-0.1530-0.0530i	-0.3031-0.1146i	0.0153-0.0050i	-0.1449-0.0477i	-0.4327-0.0599i
24.8	0.1094-0.0228i	39.1197+4.0529i	0.0218-0.0169i	-0.1594-0.0497i	-0.2576-0.0881i	0.0332-0.0044i	-0.1383-0.0442i	-0.4095-0.0382i
24.9	0.0880-0.0239i	38.4952+4.4091i	0.0440-0.0111i	-0.1416-0.0528i	-0.1948-0.0748i	0.0542+0.0015i	-0.1277-0.0454i	-0.3428-0.0319i
25.0	0.0887-0.0254i	38.9670+4.0046i	0.0447-0.0139i	-0.1321-0.0354i	-0.2011-0.0762i	0.0511-0.0022i	-0.1256-0.0403i	-0.3634-0.0342i
25.1	0.0826-0.0254i	38.9065+3.9503i	0.0527-0.0044i	-0.1164-0.0331i	-0.1711-0.0617i	0.0664+0.0054i	-0.1116-0.0329i	-0.3438-0.0327i
25.2	0.0842-0.0257i	38.3424+3.4266i	0.0724-0.0066i	-0.1081-0.0291i	-0.1277-0.0763i	0.0799+0.0052i	-0.0990-0.0224i	-0.2928-0.0402i
25.3	0.0692-0.0293i	38.4150+3.7589i	0.0773-0.0095i	-0.1121-0.0197i	-0.1174-0.0720i	0.0778+0.0040i	-0.1047-0.0191i	-0.2950-0.0238i
25.4	0.0719-0.0313i	38.4543+3.6699i	0.0812-0.0088i	-0.1042-0.0232i	-0.0897-0.0958i	0.0880-0.0076i	-0.0961-0.0207i	-0.2794-0.0249i
25.5	0.0627-0.0363i	38.6598+3.7936i	0.0941-0.0067i	-0.1032-0.0217i	-0.0607-0.0835i	0.1017+0.0065i	-0.0881-0.0185i	-0.2722-0.0109i
25.6	0.0671-0.0330i	37.8968+4.2230i	0.1008-0.0086i	-0.0906-0.0216i	-0.0528-0.1005i	0.1029+0.0015i	-0.0815-0.0283i	-0.2652-0.0265i
25.7	0.0645-0.0214i	37.7205+3.4689i	0.1254-0.0084i	-0.0918-0.0209i	0.0126-0.1106i	0.1323-0.0029i	-0.0853-0.0179i	-0.1911-0.0321i
25.8	0.0629-0.0154i	37.5440+4.0948i	0.1294-0.0144i	-0.0826-0.0311i	0.0163-0.1212i	0.1274-0.0039i	-0.0754-0.0221i	-0.2063-0.0256i
25.9	0.0521-0.0217i	37.7202+4.3686i	0.1367-0.0254i	-0.0730-0.0184i	0.0289-0.1357i	0.1352-0.0145i	-0.0712-0.0230i	-0.2007-0.0251i
26.0	0.0561-0.0196i	37.7454+4.0026i	0.1455-0.0131i	-0.0674-0.0208i	0.0354-0.0948i	0.1499+0.0000i	-0.0630-0.0243i	-0.1602-0.0044i
26.1	0.0511-0.0165i	37.4699+3.8175i	0.1533-0.0201i	-0.0582-0.0118i	0.0736-0.1248i	0.1602-0.0122i	-0.0585-0.0095i	-0.1208-0.0218i
26.2	0.0477-0.0267i	37.2955+4.1963i	0.1712-0.0266i	-0.0549-0.0193i	0.0851-0.1489i	0.1709-0.0103i	-0.0560-0.0090i	-0.1251-0.0086i
26.3	0.0509-0.0186i	37.1596+4.3209i	0.1745-0.0347i	-0.0608-0.0163i	0.0980-0.1720i	0.1791-0.0220i	-0.0489-0.0130i	-0.1108-0.0163i
26.4	0.0525-0.0125i	36.7843+3.8442i	0.1915-0.0242i	-0.0561-0.0247i	0.1489-0.1701i	0.1888-0.0095i	-0.0607-0.0161i	-0.1049-0.0228i
26.5	0.0508-0.0175i	36.9627+3.6741i	0.2008-0.0188i	-0.0511-0.0078i	0.1505-0.1733i	0.1994-0.0102i	-0.0551-0.0094i	-0.0610+0.0060i
26.6	0.0453-0.0233i	37.3089+3.7156i	0.2080-0.0142i	-0.0540-0.0050i	0.1396-0.1764i	0.2044-0.0045i	-0.0520-0.0061i	-0.0480+0.0406i
26.7	0.0462-0.0154i	37.1488+3.8613i	0.2119-0.0155i	-0.0515-0.0080i	0.1515-0.1503i	0.2086-0.0099i	-0.0484-0.0055i	-0.0364+0.0162i
26.8	0.0378-0.0095i	37.5388+3.5851i	0.2185-0.0084i	-0.0368+0.0096i	0.1615-0.1339i	0.2155-0.0117i	-0.0371+0.0020i	-0.0154+0.0185i
26.9	0.0375-0.0135i	37.0283+3.9002i	0.2369-0.0177i	-0.0255+0.0024i	0.2220-0.1656i	0.2349-0.0092i	-0.0429+0.0069i	0.0061+0.0359i
27.0	0.0365-0.0138i	36.8945+3.7424i	0.2465-0.0096i	-0.0242-0.0012i	0.2304-0.1603i	0.2372-0.0073i	-0.0291-0.0067i	0.0113+0.0552i
27.1	0.0349-0.0253i	36.3239+3.6865i	0.2558-0.0260i	-0.0140+0.0006i	0.2322-0.1972i	0.2567-0.0179i	-0.0153+0.0006i	0.0673+0.0763i
27.2	0.0362-0.0101i	36.8318+3.8186i	0.2689-0.0260i	-0.0027+0.0040i	0.2695-0.1881i	0.2562-0.0145i	-0.0106+0.0001i	0.0969+0.0276i
27.3	0.0245-0.0012i	36.6351+3.6766i	0.2832-0.0121i	0.0005-0.0053i	0.3290-0.1518i	0.2798-0.0132i	-0.0117-0.0099i	0.1422+0.0469i
27.4	0.0239-0.0011i	36.2760+3.9711i	0.3014-0.0289i	0.0130-0.0164i	0.3410-0.2408i	0.2926-0.0211i	-0.0051-0.0143i	0.1814+0.0581i
27.5	0.0356+0.0018i	36.2160+4.0647i	0.3094-0.0336i	0.0184-0.0226i	0.3605-0.3024i	0.3007-0.0270i	0.0007-0.0164i	0.1796+0.0656i
27.6	0.0320+0.0076i	36.3039+4.2597i	0.3142-0.0405i	0.0149-0.0268i	0.3144-0.2915i	0.3000-0.0338i	0.0045-0.0234i	0.2298+0.0284i
27.7	0.0251+0.0051i	36.7134+3.9598i	0.3083-0.0316i	0.0115-0.0208i	0.3012-0.2487i	0.3017-0.0281i	-0.0042-0.0254i	0.2461+0.0157i
27.8	0.0296+0.0011i	36.8361+4.0379i	0.3287-0.0330i	0.0075-0.0224i	0.3138-0.2270i	0.3122-0.0242i	-0.0093-0.0142i	0.3148-0.0057i
27.9	0.0450-0.0041i	36.3978+4.2951i	0.3397-0.0471i	-0.0018-0.0413i	0.2901-0.2579i	0.3287-0.0328i	-0.0229-0.0368i	0.3709+0.0045i
28.0	0.0293+0.0042i	36.4690+3.7697i	0.3679-0.0243i	-0.0001-0.0296i	0.3653-0.1780i	0.3560-0.0163i	-0.0189-0.0250i	0.4223-0.0022i
28.1	0.0190+0.0088i	36.4493+3.2124i	0.3755-0.0186i	0.0032-0.0343i	0.4230-0.1830i	0.3726-0.0121i	-0.0122-0.0332i	0.4386-0.0328i
28.2	0.0489+0.0122i	36.2714+3.4998i	0.4002-0.0324i	-0.0286-0.0614i	0.3931-0.2605i	0.3856-0.0128i	-0.0451-0.0496i	0.4915+0.0131i
28.3	0.0444+0.0141i	36.1140+3.4227i	0.4031-0.0437i	-0.0375-0.0503i	0.4033-0.2756i	0.3935-0.0295i	-0.0528-0.0474i	0.5176-0.0549i
28.4	0.0424+0.0062i	36.2828+3.7776i	0.4111-0.0425i	-0.0300-0.0276i	0.4358-0.2220i	0.4003-0.0224i	-0.0505-0.0258i	0.5671-0.0946i
28.5	0.0220+0.0043i	36.7010+3.6861i	0.4220-0.0436i	-0.0107-0.0070i	0.5156-0.2289i	0.4100-0.0296i	-0.0329-0.0061i	0.5935-0.1917i
28.6	0.0344+0.0031i	36.6413+3.5582i	0.4367-0.0578i	-0.0145-0.0323i	0.5140-0.2416i	0.4277-0.0365i	-0.0369-0.0206i	0.5745-0.1777i
28.7	0.0372+0.0028i	36.5748+3.6342i	0.4720-0.0678i	-0.0106-0.0196i	0.5631-0.2876i	0.4580-0.0468i	-0.0386-0.0058i	0.6266-0.2464i
28.8	0.0331-0.0034i	36.3603+3.5935i	0.4646-0.0816i	-0.0089-0.0119i	0.5418-0.3149i	0.4552-0.0557i	-0.0362-0.0070i	0.5933-0.2880i
28.9	0.0311+0.0083i	36.4560+3.2031i	0.4841-0.0701i	0.0091-0.0101i	0.6135-0.3033i	0.4749-0.0515i	-0.0200-0.0074i	0.6066-0.2966i
29.0	0.0341+0.0137i	36.4271+3.4178i	0.4903-0.0870i	-0.0016-0.0203i	0.6120-0.3526i	0.4864-0.0601i	-0.0268-0.0110i	0.6093-0.3445i
29.1	0.0431+0.0089i	35.9259+3.9249i	0.5098-0.1091i	-0.0155-0.0166i	0.6191-0.3909i	0.5053-0.0773i	-0.0460+0.0000i	0.6459-0.3812i
29.2	0.0442+0.0077i	35.8385+3.7166i	0.5387-0.1265i	-0.0140-0.0208i	0.6545-0.4280i	0.5368-0.0998i	-0.0461+0.0040i	0.6750-0.4239i
29.3	0.0579+0.0006i	35.9192+3.6491i	0.5584-0.1370i	-0.0244-0.0050i	0.6690-0.4599i	0.5545-0.1166i	-0.0621+0.0107i	0.6956-0.4720i
29.4	0.0366-0.0023i	36.0341+3.7709i	0.5487-0.1424i	0.0034+0.0011i	0.6415-0.4516i	0.5462-0.1204i	-0.0241+0.0208i	0.6250-0.4927i
29.5	0.0223+0.0132i	36.2890+3.6481i	0.5394-0.1445i	0.0199-0.0102i	0.6419-0.4676i	0.5391-0.1178i	-0.0057+0.0134i	0.5738-0.5164i
29.6	0.0256+0.0106i	36.5107+3.7288i	0.5302-0.1498i	0.0204-0.0081i	0.6072-0.4716i	0.5331-0.1269i	-0.0025+0.0074i	0.5392-0.5230i
29.7	0.0116-0.0033i	36.2446+3.8636i	0.5552-0.1571i	0.0303+0.0095i	0.6480-0.4702i	0.5574-0.1360i	0.0014+0.0275i	0.5979-0.5199i
29.8	0.0448+0.0031i	35.9736+4.1139i	0.5605-0.1688i	0.0202-0.0094i	0.6413-0.5346i	0.5578-0.1444i	-0.0101+0.0116i	0.5671-0.5557i
29.9	0.0317+0.0160i	36.4517+3.4766i	0.5703-0.1853i	0.0342-0.0215i	0.6621-0.5596i	0.5681-0.1662i	-0.0014-0.0027i	0.5451-0.5924i
30.0	0.0185+0.0366i	36.5284+3.5514i	0.5745-0.1835i	0.0393-0.0235i	0.6657-0.5356i	0.5690-0.1621i	0.0099-0.0037i	0.5394-0.6041i
30.1	0.0306+0.0503i	36.4861+3.0050i	0.6053-0.1701i	0.0339-0.0284i	0.7388-0.5325i	0.6012-0.1596i	0.0083-0.0178i	0.5769-0.5768i
30.2	0.0169+0.0598i	36.5280+3.2974i	0.6070-0.1806i	0.0468-0.0298i	0.7320-0.5540i	0.6107-0.1734i	0.0210-0.0087i	0.5504-0.5996i
30.3	0.0187+0.0556i	36.2513+3.0473i	0.6106-0.1935i	0.0544-0.0441i	0.7455-0.5776i	0.6099-0.1886i	0.0213-0.0186i	0.5538-0.6092i
30.4	0.0102+0.0380i	36.2985+3.3355i	0.6213-0.2220i	0.0335-0.0266i	0.7430-0.6227i	0.6296-0.2131i	0.0114-0.0020i	0.5822-0.6482i
30.5	-0.0196+0.0601i	36.7480+3.4784i	0.6111-0.2157i	0.0483-0.0205i	0.7192-0.6207i	0.6273-0.2122i	0.0230+0.0028i	0.5919-0.6790i
30.6	-0.0013+0.0530i	36.5573+3.7378i	0.6389-0.2387i	0.0488-0.0212i	0.7193-0.6695i	0.6503-0.2250i	0.0257+0.0080i	0.6068-0.7090i
30.7	0.0102+0.0652i	36.3614+3.6686i	0.6538-0.2715i	0.0564-0.0265i	0.7387-0.7596i	0.6590-0.2691i	0.0271+0.0110i	0.5808-0.8052i
30.8	0.0182+0.0687i	36.1399+3.3122i	0.6446-0.3017i	0.0505-0.0225i	0.6927-0.7902i	0.6490-0.2913i	0.0235+0.0080i	0.5210-0.8271i

30.9	−0.0212+0.0054i	35.9448+3.9038i	0.6180−0.2945i	0.0557+0.0003i	0.5872−0.7640i	0.6369−0.2807i	0.0242+0.0274i	0.5116−0.7509i
31.0	0.0094+0.0323i	36.0547+3.5681i	0.6320−0.2839i	0.0584−0.0148i	0.5859−0.7280i	0.6416−0.2808i	0.0250+0.0114i	0.4568−0.7398i
31.1	0.0484+0.0830i	36.0364+3.1319i	0.6596−0.2790i	0.0444−0.0334i	0.6538−0.7285i	0.6725−0.2812i	0.0135−0.0063i	0.4402−0.7543i
31.2	0.0806+0.1241i	36.1119+2.6179i	0.6655−0.2729i	0.0472−0.0196i	0.6519−0.7341i	0.6567−0.2887i	0.0154+0.0026i	0.3971−0.7768i
31.3	0.0304+0.0841i	36.1312+3.3712i	0.6481−0.2618i	0.0507+0.0057i	0.5858−0.6711i	0.6582−0.2803i	0.0212+0.0260i	0.4178−0.7071i
31.4	0.0001+0.0881i	36.8018+3.5488i	0.6339−0.2607i	0.0427−0.0041i	0.5747−0.6494i	0.6667−0.2712i	0.0145+0.0176i	0.4449−0.6992i
31.5	0.1833+0.1379i	36.4596+2.8413i	0.7018−0.2339i	0.0656−0.0463i	0.6970−0.6663i	0.6474−0.2552i	0.0396−0.0187i	0.2499−0.6750i
31.6	0.2663+0.1816i	36.0392+2.5630i	0.7469−0.2205i	0.0899−0.0501i	0.8078−0.5989i	0.6545−0.2514i	0.0593−0.0314i	0.2061−0.6663i
31.7	0.1618+0.2734i	36.7268+2.6412i	0.7381−0.2166i	0.1248−0.0054i	0.7893−0.5268i	0.6689−0.2973i	0.0862+0.0217i	0.3286−0.8057i
31.8	0.1943+0.1570i	36.5298+2.8254i	0.7677−0.2288i	0.1144−0.0308i	0.8074−0.5830i	0.6871−0.2576i	0.0817−0.0107i	0.3107−0.6549i
31.9	0.1029+0.1507i	36.5941+3.5475i	0.7623−0.2342i	0.1218−0.0120i	0.7955−0.5308i	0.7291−0.2680i	0.0895+0.0023i	0.4625−0.6774i
32.0	0.1447+0.2388i	36.9019+3.3180i	0.7948−0.2243i	0.1564−0.0226i	0.8798−0.4761i	0.7305−0.2867i	0.1179+0.0046i	0.4181−0.7571i
32.1	0.2248+0.1830i	36.9127+3.3522i	0.8252−0.2244i	0.1154−0.0438i	0.9678−0.5398i	0.7489−0.2722i	0.0737−0.0215i	0.3932−0.6558i
32.2	0.2680+0.2546i	37.2738+3.0934i	0.8163−0.2008i	0.1611−0.0448i	0.9829−0.4882i	0.7130−0.2787i	0.1270−0.0128i	0.3083−0.7385i
32.3	0.2234+0.0225i	36.7997+3.1208i	0.9055−0.2690i	0.1202−0.0591i	1.0189−0.7077i	0.8112−0.2444i	0.0732−0.0278i	0.4989−0.4696i
32.4	0.2139+0.0031i	36.8461+3.4791i	0.9311−0.2996i	0.1195−0.0352i	1.0224−0.7923i	0.8377−0.2784i	0.0677−0.0065i	0.5588−0.4733i
32.5	0.3209+0.1071i	37.3625+2.9827i	0.9357−0.2721i	0.1625−0.0728i	1.0856−0.6669i	0.7946−0.2704i	0.1131−0.0456i	0.3790−0.5489i
32.6	0.3088+0.1579i	37.7288+3.2309i	0.9317−0.2602i	0.1854−0.0723i	1.0729−0.5841i	0.7939−0.2751i	0.1395−0.0542i	0.3916−0.5860i
32.7	0.2382+0.0732i	37.9705+3.1964i	0.9892−0.2882i	0.1446−0.0440i	1.0489−0.6966i	0.8862−0.2914i	0.1037−0.0241i	0.6035−0.4776i
32.8	0.2008+0.0226i	37.5687+3.6522i	1.0037−0.3038i	0.1346−0.0327i	1.0843−0.7748i	0.9215−0.2919i	0.0875−0.0097i	0.7299−0.4447i
32.9	0.2708−0.0316i	37.7263+3.4547i	1.0416−0.3322i	0.1347−0.1109i	1.1532−0.8225i	0.9428−0.2686i	0.0876−0.0893i	0.6820−0.4047i
33.0	0.2579−0.0934i	38.0716+3.1785i	1.0728−0.3340i	0.0784−0.1267i	1.2082−0.8585i	1.0108−0.2379i	0.0320−0.0956i	0.7882−0.3189i
33.1	0.2044−0.0852i	38.2674+3.1717i	1.1013−0.3411i	0.0954−0.0883i	1.1814−0.8367i	1.0383−0.2884i	0.0438−0.0402i	0.8821−0.3846i
33.2	0.2264−0.0773i	38.7602+3.0316i	1.1034−0.3551i	0.1019−0.1062i	1.1908−0.8276i	1.0293−0.2942i	0.0563−0.0759i	0.9028−0.4294i
33.3	0.1668−0.1220i	39.0166+3.0739i	1.1304−0.3671i	0.0637−0.0905i	1.1849−0.8703i	1.0934−0.2886i	0.0131−0.0624i	1.0117−0.3958i
33.4	0.1350−0.0593i	39.3672+3.1603i	1.1582−0.3470i	0.1116−0.0969i	1.2156−0.7536i	1.1041−0.2819i	0.0544−0.0694i	1.0777−0.4610i
33.5	0.1473−0.0228i	40.1220+2.9061i	1.1937−0.3402i	0.1406−0.1042i	1.3164−0.7398i	1.1160−0.2819i	0.0816−0.0643i	1.1084−0.4962i
33.6	0.1040−0.0081i	40.9345+2.3366i	1.2549−0.3020i	0.1573−0.0628i	1.3651−0.6937i	1.1833−0.2674i	0.0832−0.0338i	1.2448−0.4820i
33.7	0.1306+0.0005i	40.5868+1.5328i	1.3567−0.2353i	0.1606−0.0801i	1.5907−0.6190i	1.2721−0.1989i	0.0903−0.0627i	1.3422−0.4242i
33.8	0.0968−0.0171i	40.0131+0.4449i	1.4764−0.2848i	0.1259−0.1146i	1.7343−0.7702i	1.4253−0.2088i	0.0441−0.0987i	1.5679−0.4561i
33.9	0.1755+0.0094i	40.4267−0.5320i	1.5836−0.3595i	0.1200−0.1905i	1.9327−0.9644i	1.5092−0.2617i	0.0367−0.1662i	1.5834−0.6397i
34.0	0.2349+0.0837i	39.7233−0.7675i	1.6779−0.4253i	0.1151−0.2176i	2.1175−1.0764i	1.5753−0.3268i	0.0222−0.1789i	1.6183−0.8398i
34.1	0.1931+0.1076i	39.1396−0.4412i	1.8180−0.5401i	0.1235−0.1797i	2.2095−1.2872i	1.7313−0.4400i	0.0173−0.1262i	1.8228−1.0105i
34.2	0.2347+0.0838i	38.2987−0.9931i	1.9084−0.7071i	0.0940−0.1998i	2.2196−1.6064i	1.8397−0.5694i	−0.0172−0.1472i	1.8789−1.1571i
34.3	0.3372+0.0418i	38.5337−0.0021i	1.9377−0.7538i	0.0310−0.2246i	2.2350−1.7795i	1.8727−0.5844i	−0.0596−0.1689i	1.7642−1.1571i
34.4	0.3907+0.0125i	38.0486−0.5021i	1.9302−0.8469i	0.0148−0.2196i	2.1652−1.9186i	1.8725−0.6729i	−0.0744−0.1608i	1.6808−1.2055i
34.5	0.3834−0.0131i	38.0840−0.1945i	1.9889−0.9646i	−0.0012−0.1780i	2.0886−2.0888i	1.9638−0.7980i	−0.0889−0.1135i	1.8267−1.3033i
34.6	0.4076−0.0241i	38.2967−0.0526i	1.9563−1.0616i	0.0277−0.1723i	1.9773−2.1507i	1.9263−0.8894i	−0.0726−0.1067i	1.7999−1.4172i
34.7	0.4338−0.0824i	38.9219−0.2082i	2.0495−1.1545i	0.0177−0.1632i	2.0091−2.3156i	2.0347−0.9741i	−0.0874−0.0943i	1.9319−1.4685i
34.8	0.4291−0.1433i	38.7668−0.1693i	2.0857−1.2587i	−0.0087−0.1620i	1.9678−2.4556i	2.0967−1.0542i	−0.1016−0.0839i	2.0307−1.5358i
34.9	0.4203−0.2220i	38.5030−0.3305i	2.1323−1.3855i	−0.0146−0.1633i	1.9236−2.6379i	2.1600−1.1562i	−0.1260−0.0723i	2.1186−1.6002i
35.0	0.4029−0.2548i	38.5038−0.8542i	2.1454−1.5262i	0.0043−0.1328i	1.8356−2.7589i	2.1877−1.3087i	−0.1073−0.0396i	2.2129−1.8340i
35.1	0.4000−0.2704i	38.6837−1.0391i	2.1567−1.6339i	0.0190−0.1316i	1.7779−2.8085i	2.2118−1.4136i	−0.0883−0.0299i	2.2511−2.0291i
35.2	0.3463−0.3050i	38.7747−1.1795i	2.1712−1.7936i	0.0278−0.1196i	1.6711−2.9478i	2.2435−1.5816i	−0.0808−0.0106i	2.3230−2.2859i
35.3	0.3129−0.3371i	38.3175−1.7009i	2.1576−1.9568i	0.0188−0.1031i	1.5788−3.0752i	2.2733−1.7492i	−0.0888+0.0219i	2.3902−2.5871i
35.4	0.3854−0.3556i	38.7065−2.2191i	2.1523−2.0419i	0.0422−0.1322i	1.6977−3.1078i	2.2429−1.8312i	−0.0719+0.0003i	2.1806−2.8280i
35.5	0.4298−0.3025i	39.0830−1.8937i	2.0541−2.1284i	0.0815−0.1622i	1.7188−3.0552i	2.1239−1.9506i	−0.0186−0.0129i	1.8671−3.1229i
35.6	0.3733−0.3025i	38.8982−2.0086i	1.9806−2.3246i	0.0965−0.1384i	1.4910−3.2431i	2.0777−2.1630i	−0.0022+0.0109i	1.7573−3.4313i
35.7	0.3537−0.3017i	38.6479−1.8813i	1.9101−2.4175i	0.1097−0.1383i	1.3602−3.3136i	2.0282−2.2784i	0.0120+0.0160i	1.5781−3.6502i
35.8	0.3653−0.3387i	38.3657−2.2232i	1.8095−2.5059i	0.1039−0.1490i	1.2737−3.4194i	1.9324−2.3618i	0.0136+0.0175i	1.3098−3.6616i
35.9	0.4598−0.4012i	38.8116−2.5231i	1.7781−2.6219i	0.1179−0.1995i	1.3433−3.6068i	1.8814−2.4502i	0.0400−0.0355i	1.0376−3.7223i
36.0	0.4170−0.4093i	38.3453−2.6063i	1.6340−2.7217i	0.1034−0.1959i	1.0772−3.6758i	1.7629−2.5999i	0.0468−0.0144i	0.7926−3.9244i
36.1	0.4181−0.4474i	38.2105−2.4044i	1.6024−2.8301i	0.1222−0.2079i	0.9957−3.7756i	1.7406−2.7062i	0.0688−0.0118i	0.6157−4.0206i
36.2	0.4230−0.5348i	37.9604−2.9251i	1.5156−2.8594i	0.1289−0.2234i	0.8674−3.8464i	1.6472−2.7166i	0.0673−0.0367i	0.3779−3.9187i
36.3	0.3852−0.5176i	37.9620−2.6319i	1.4007−2.8849i	0.1432−0.2089i	0.7268−3.7918i	1.5464−2.7733i	0.0973−0.0281i	0.1521−3.9593i
36.4	0.3563−0.5678i	37.6428−2.6298i	1.3771−2.9797i	0.1537−0.2315i	0.5768−3.8562i	1.5329−2.8872i	0.1092−0.0357i	−0.0310−3.9878i
36.5	0.3071−0.5956i	37.5016−2.7190i	1.3530−3.0441i	0.1549−0.2480i	0.4732−3.8909i	1.5231−2.9600i	0.1101−0.0633i	−0.1183−3.9522i
36.6	0.2805−0.6935i	37.9703−3.2403i	1.2566−3.1172i	0.1311−0.2820i	0.2841−4.0342i	1.4257−3.0171i	0.0993−0.0925i	−0.3517−3.8876i
36.7	0.1991−0.7215i	37.4855−3.3382i	1.1783−3.2376i	0.1327−0.2918i	0.0890−4.0242i	1.3749−3.1524i	0.1075−0.1067i	−0.4898−3.8892i
36.8	0.1416−0.6962i	37.2083−2.6565i	1.0782−3.2172i	0.1281−0.3059i	−0.0642−3.8797i	1.2912−3.1682i	0.1197−0.1116i	−0.5978−3.8053i
36.9	0.0999−0.7720i	37.7182−2.9415i	1.0324−3.3689i	0.1238−0.3589i	−0.1277−4.0003i	1.2462−3.3157i	0.1101−0.1636i	−0.8003−3.7887i
37.0	0.0622−0.7586i	37.3986−3.2047i	0.8957−3.4237i	0.1221−0.3858i	−0.2088−3.9211i	1.0989−3.3719i	0.1186−0.1868i	−1.0701−3.7103i
37.1	0.0656−0.8102i	37.3263−3.4308i	0.8338−3.4901i	0.1142−0.4311i	−0.2027−4.0295i	1.0600−3.4626i	0.1203−0.2329i	−1.2082−3.5981i

37.2	0.0068-0.8637i	36.8031-2.8703i	0.7658-3.5763i	0.1066-0.4822i	-0.2291-4.1310i	0.9974-3.5412i	0.0982-0.2870i	-1.2884-3.5285i
37.3	-0.0217-0.8227i	37.0942-2.5973i	0.7034-3.6178i	0.0812-0.5053i	-0.2662-4.0985i	0.9160-3.6334i	0.0947-0.3045i	-1.4111-3.4545i
37.4	-0.1539-0.9120i	36.7838-3.6322i	0.5744-3.7876i	0.0167-0.5632i	-0.4775-4.3631i	0.8295-3.7803i	0.0385-0.3578i	-1.5853-3.3170i
37.5	-0.2473-0.9805i	36.5782-4.1831i	0.4614-3.8618i	-0.0326-0.6045i	-0.6327-4.5002i	0.7334-3.8707i	-0.0111-0.3873i	-1.6361-3.2063i
37.6	-0.3270-0.9594i	36.4814-3.6884i	0.2821-3.8931i	-0.0839-0.6408i	-0.8265-4.5526i	0.5445-3.9361i	-0.0589-0.4262i	-1.7453-3.0222i
37.7	-0.4319-0.9715i	36.3110-4.1826i	0.1422-4.0200i	-0.1541-0.6702i	-1.0789-4.6781i	0.3931-4.0996i	-0.1194-0.4554i	-1.7991-2.9546i
37.8	-0.4795-0.9575i	36.1029-3.9973i	0.0587-4.0501i	-0.2122-0.7062i	-1.2466-4.6992i	0.2718-4.1447i	-0.1583-0.4821i	-1.8458-2.8384i
37.9	-0.6497-0.8674i	36.2749-3.8120i	-0.1511-4.0961i	-0.3192-0.6749i	-1.6014-4.7306i	0.0659-4.2197i	-0.2664-0.4655i	-1.9237-2.7463i
38.0	-0.7549-0.7454i	35.3227-3.6380i	-0.3057-4.0477i	-0.4189-0.6188i	-1.9115-4.6458i	-0.0973-4.2241i	-0.3431-0.4033i	-1.8905-2.6263i
38.1	-0.8971-0.6172i	35.4475-3.9383i	-0.5520-4.0117i	-0.5535-0.5553i	-2.3382-4.5273i	-0.3368-4.1977i	-0.4641-0.3337i	-2.0202-2.4200i
38.2	-0.9381-0.5411i	35.3530-3.6239i	-0.6168-3.9942i	-0.6053-0.4951i	-2.5406-4.4302i	-0.4465-4.1698i	-0.5230-0.2830i	-2.0207-2.2746i
38.3	-1.0071-0.4993i	35.0899-3.9211i	-0.7206-4.0622i	-0.6712-0.4593i	-2.8086-4.4058i	-0.5805-4.2171i	-0.5779-0.2603i	-2.0506-2.1449i
38.4	-1.0355-0.3881i	34.8054-3.8191i	-0.8390-4.0595i	-0.7091-0.3570i	-3.0271-4.2814i	-0.6861-4.2332i	-0.6104-0.1577i	-1.9832-2.0406i
38.5	-0.9886-0.2946i	34.2928-3.4304i	-0.9274-4.0963i	-0.6985-0.2843i	-3.2558-4.1757i	-0.8255-4.2981i	-0.5832-0.0857i	-1.8551-2.0200i
38.6	-1.0630-0.2185i	34.4619-3.4296i	-1.0647-4.1548i	-0.7496-0.2097i	-3.5577-4.0743i	-0.9678-4.3198i	-0.6292-0.0139i	-1.8210-1.9655i
38.7	-1.0421-0.0908i	34.4645-3.5122i	-1.2389-4.0952i	-0.7471-0.1179i	-3.7911-3.7081i	-1.1663-4.2377i	-0.6221+0.0741i	-1.7672-1.9496i
38.8	-0.9398+0.0206i	34.3444-3.1313i	-1.4208-4.0240i	-0.7048-0.0446i	-3.8872-3.3273i	-1.3761-4.1417i	-0.5707+0.1328i	-1.8195-1.9858i
38.9	-0.9175+0.1494i	34.0607-2.5901i	-1.5994-4.0115i	-0.6854+0.0489i	-4.1531-3.0999i	-1.5145-4.1429i	-0.5447+0.2165i	-1.7723-1.9022i
39.0	-0.9056+0.2008i	33.9583-2.8642i	-1.7490-4.0276i	-0.6659+0.0935i	-4.2816-2.9178i	-1.6407-4.1418i	-0.5175+0.2627i	-1.8187-1.8404i
39.1	-0.8248+0.2785i	33.9093-2.5444i	-1.9176-3.9272i	-0.6238+0.1411i	-4.3514-2.5220i	-1.8000-4.0329i	-0.4750+0.3144i	-1.8614-1.8258i
39.2	-0.7372+0.3688i	33.9042-2.1957i	-2.0634-3.8765i	-0.5692+0.2071i	-4.5057-2.0749i	-1.9715-3.9978i	-0.4184+0.3635i	-1.7920-1.9187i
39.3	-0.7052+0.3938i	33.6389-2.3256i	-2.2237-3.8148i	-0.5530+0.2341i	-4.5738-1.8344i	-2.1029-3.9335i	-0.3906+0.3801i	-1.8411-1.8268i
39.4	-0.6219+0.4376i	33.3018-1.9087i	-2.3727-3.6670i	-0.5035+0.2883i	-4.5771-1.4206i	-2.2513-3.8036i	-0.3402+0.4284i	-1.8435-1.7953i
39.5	-0.5538+0.4766i	33.0447-1.3139i	-2.5031-3.5503i	-0.4481+0.3114i	-4.5328-0.9595i	-2.3906-3.6968i	-0.2674+0.4568i	-1.8101-1.8603i
39.6	-0.4640+0.4668i	33.2433-1.2692i	-2.6698-3.4094i	-0.3933+0.3242i	-4.3441-0.5391i	-2.5763-3.5757i	-0.2135+0.4533i	-1.9460-1.8600i
39.7	-0.4253+0.4748i	33.4453-1.1013i	-2.8256-3.2972i	-0.3483+0.3500i	-4.2324-0.2904i	-2.7137-3.4929i	-0.1731+0.4649i	-2.0444-1.8060i
39.8	-0.3741+0.4882i	33.2754-0.6427i	-2.8739-3.1283i	-0.2914+0.3542i	-3.9144+0.0172i	-2.7851-3.3619i	-0.1163+0.4615i	-2.1189-1.7312i
39.9	-0.2828+0.4847i	33.2771-0.1406i	-2.8536-2.9089i	-0.2570+0.3487i	-3.5819+0.0141i	-2.8240-3.1141i	-0.0935+0.4463i	-1.9974-1.6312i
40.0	-0.2339+0.4567i	33.2108-0.0855i	-2.9991-2.7985i	-0.2048+0.3749i	-3.6083+0.3644i	-2.9341-3.0232i	-0.0373+0.4543i	-2.0915-1.7814i
40.1	-0.2172+0.4625i	33.1719+0.3610i	-3.0954-2.6736i	-0.1822+0.3781i	-3.5215+0.6431i	-3.0159-2.9316i	0.0010+0.4665i	-2.1444-1.7838i
40.2	-0.1786+0.4141i	34.0624+0.9578i	-3.1090-2.5322i	-0.1208+0.3508i	-3.0199+0.6392i	-3.0582-2.7528i	0.0431+0.4121i	-2.4267-1.6255i
40.3	-0.1569+0.3559i	34.0033+0.2994i	-3.0828-2.4259i	-0.0936+0.2947i	-2.5404+0.6278i	-3.0710-2.6068i	0.0770+0.3664i	-2.7062-1.3940i
40.4	-0.1221+0.3470i	34.4325+0.9172i	-3.0885-2.2568i	-0.0565+0.2932i	-2.3146+0.6624i	-3.0915-2.4559i	0.1160+0.3463i	-2.8009-1.2970i
40.5	-0.0852+0.3795i	34.0939+1.5750i	-3.1281-2.0644i	-0.0294+0.3094i	-2.2725+0.8014i	-3.1295-2.3135i	0.1317+0.3601i	-2.7354-1.2430i
40.6	-0.0528+0.4064i	34.0647+2.3394i	-3.1030-1.9602i	-0.0215+0.3043i	-2.1271+0.8430i	-3.1311-2.2083i	0.1503+0.3427i	-2.6891-1.0363i
40.7	-0.0674+0.3741i	34.3572+2.2357i	-3.1582-1.9178i	-0.0385+0.2785i	-2.0210+0.6209i	-3.1496-2.1544i	0.1315+0.3161i	-2.7259-0.7421i
40.8	-0.0482+0.3285i	34.6205+2.3468i	-3.0769-1.8222i	-0.0136+0.2270i	-1.8235+0.3870i	-3.0829-2.0447i	0.1411+0.2557i	-2.7277-0.4528i
40.9	-0.0268+0.2725i	35.3212+2.1274i	-3.0319-1.7278i	0.0192+0.2141i	-1.5970+0.4758i	-3.0824-1.9215i	0.1670+0.2366i	-2.7695-0.4079i
41.0	-0.0243+0.2898i	35.7791+2.5906i	-3.0516-1.6259i	0.0117+0.1933i	-1.3734+0.3243i	-3.0788-1.8148i	0.1633+0.1977i	-2.8789-0.1459i
41.1	0.0077+0.2826i	35.5974+2.4445i	-3.0107-1.5207i	0.0143+0.1718i	-1.3072+0.1500i	-3.0581-1.7085i	0.1591+0.1861i	-2.7621+0.1419i
41.2	0.0369+0.2768i	35.9295+2.5280i	-2.9515-1.4219i	0.0480+0.1818i	-1.3120+0.2498i	-3.0261-1.6458i	0.1803+0.1898i	-2.5930+0.1345i
41.3	0.0738+0.3018i	35.9882+2.6700i	-2.9298-1.2862i	0.0344+0.1780i	-1.2933+0.2286i	-3.0078-1.5296i	0.1744+0.1778i	-2.3920+0.3107i
41.4	0.1647+0.2537i	37.1443+2.9486i	-2.8034-1.1872i	0.0306+0.1472i	-1.3347+0.1884i	-2.9175-1.4224i	0.1577+0.1569i	-2.1513+0.3810i
41.5	0.2002+0.1771i	37.8878+2.8267i	-2.7418-1.1280i	0.0361+0.1605i	-1.3071+0.2733i	-2.8774-1.3466i	0.1622+0.1585i	-1.9003+0.3000i
41.6	0.1487+0.1526i	37.5673+3.3091i	-2.7490-1.1287i	0.0254+0.1611i	-1.2593+0.2918i	-2.8751-1.3439i	0.1460+0.1611i	-1.9267+0.1946i
41.7	0.1767+0.1562i	37.8588+3.2078i	-2.6785-1.0881i	0.0340+0.1618i	-1.2485+0.2546i	-2.8199-1.3085i	0.1484+0.1623i	-1.7672+0.4447i
41.8	0.1583+0.0770i	38.3697+3.1206i	-2.6035-1.0944i	0.0586+0.1367i	-1.1126+0.1418i	-2.7524-1.2989i	0.1757+0.1458i	-1.8179+0.4482i
41.9	0.1448+0.0376i	38.5725+2.7556i	-2.5753-1.1149i	0.0710+0.1247i	-1.0732+0.0557i	-2.7471-1.3059i	0.1867+0.1256i	-1.6149+0.6615i
42.0	0.1383+0.0507i	38.8329+3.0767i	-2.5608-1.0854i	0.0820+0.1270i	-1.2856-0.1000i	-2.7249-1.2786i	0.1957+0.1134i	-1.3603+0.6890i
42.1	0.0867-0.0467i	38.8717+2.7388i	-2.5665-1.1490i	0.0882+0.1081i	-1.2941-0.0357i	-2.7365-1.3018i	0.1876+0.1058i	-1.1594+0.5412i
42.2	-0.0272-0.0181i	39.4528+2.3731i	-2.5490-1.1215i	0.0828+0.0916i	-1.0845-0.0611i	-2.6941-1.2683i	0.1928+0.0852i	-1.6730+0.4712i
42.3	-0.0197+0.0698i	39.9309+2.3152i	-2.5724-1.0689i	0.0407+0.0970i	-1.4389-0.2543i	-2.7022-1.2409i	0.1548+0.0626i	-1.3143+1.0238i
42.4	0.0235+0.0820i	39.6933+2.4861i	-2.5725-1.0801i	0.0646+0.1128i	-1.5358-0.0312i	-2.7323-1.2721i	0.1627+0.0837i	-0.9601+1.0191i
42.5	0.0414+0.0648i	39.5737+2.3708i	-2.5798-1.0473i	0.0714+0.0559i	-1.5557-0.1477i	-2.7664-1.2114i	0.1593+0.0473i	-0.7371+1.0597i
42.6	0.0356+0.0884i	39.8692+2.4965i	-2.5751-1.0184i	0.0161+0.1199i	-1.9206+0.3944i	-2.7533-1.2440i	0.1122+0.1034i	-0.4159+0.6827i
42.7	0.0504+0.1082i	40.2511+3.0773i	-2.5280-1.0097i	0.0937+0.1973i	-1.5332+0.6257i	-2.7813-1.2525i	0.1855+0.1625i	-0.4344+0.7711i
42.8	0.0895+0.0673i	40.5093+2.6194i	-2.5591-0.9871i	0.1396+0.1073i	-1.3676+0.5671i	-2.8476-1.1294i	0.2209+0.0769i	-0.2826+0.5738i
42.9	0.0535+0.0933i	40.7760+2.6881i	-2.5740-0.9772i	0.1095+0.0807i	-1.2789+0.5441i	-2.8263-1.0689i	0.1854+0.0507i	-0.2357+0.5203i
43.0	0.1024+0.1351i	40.2459+2.6511i	-2.5739-0.9092i	0.0557+0.1153i	-1.7348+0.4704i	-2.7427-1.0513i	0.1248+0.0965i	0.0855+0.3397i
43.1	0.1286+0.0839i	40.2695+2.2763i	-2.5643-0.8896i	0.1194+0.1338i	-1.5407+1.1410i	-2.8032-1.0817i	0.1973+0.1024i	0.0027+0.1536i
43.2	0.1020+0.0900i	40.6378+2.2277i	-2.5489-0.9239i	0.0674+0.1046i	-1.5246+1.1474i	-2.8097-1.1007i	0.1344+0.0788i	0.1994+0.2456i
43.3	0.1145+0.0549i	41.3457+2.1531i	-2.5646-0.9436i	0.1199+0.1146i	-1.1131+1.1958i	-2.8577-1.0493i	0.1795+0.0870i	-0.1547+0.1412i
43.4	0.0740+0.0534i	41.9749+1.9955i	-2.6144-0.9668i	0.1170+0.0300i	-0.7700+0.8807i	-2.8726-0.9403i	0.1778+0.0087i	-0.1351+0.3497i

43.5	0.1471+0.0466i	42.5302+1.9439i	-2.6190-0.8862i	0.1186+0.1292i	-0.7528+1.2173i	-2.8716-0.9475i	0.1883+0.1093i	-0.2769-0.1003i
43.6	0.2367+0.0110i	43.2276+2.4809i	-2.5827-0.8167i	0.2168+0.1142i	-0.0695+1.1806i	-2.9195-0.8731i	0.2848+0.0797i	-0.5344-0.0587i
43.7	0.1888+0.0278i	42.8862+2.7836i	-2.6080-0.7849i	0.1932+0.1366i	-0.1303+1.3001i	-2.9157-0.8549i	0.2578+0.1081i	-0.4617-0.1900i
43.8	0.2461+0.0703i	43.3021+2.3714i	-2.6427-0.8081i	0.1615+0.1351i	-0.4997+1.2021i	-2.9153-0.9072i	0.2195+0.0925i	-0.1591+0.1855i
43.9	0.2538+0.0575i	43.3054+1.7931i	-2.6419-0.8694i	0.1739+0.0534i	-0.1116+1.0921i	-2.9021-0.8606i	0.2137+0.0126i	-0.0490+0.4376i
44.0	0.3222-0.0616i	43.0733+2.1294i	-2.6611-0.8330i	0.2317+0.0736i	0.0628+1.3551i	-2.9598-0.8300i	0.2662+0.0439i	0.0860+0.0477i
44.1	0.2745-0.0243i	43.1475+2.4412i	-2.7579-0.7436i	0.1766+0.0966i	0.3987+1.4077i	-2.9893-0.7889i	0.2040+0.0835i	0.0553-0.2265i
44.2	0.4403-0.1285i	43.0052+2.0320i	-2.7612-0.6836i	0.1458+0.1255i	0.1366+1.0027i	-2.9822-0.7418i	0.1771+0.0801i	0.4975-0.2056i
44.3	0.3221-0.3123i	43.7991+2.5117i	-2.6832-0.6471i	0.3257+0.1066i	0.8815+1.0143i	-3.0331-0.6479i	0.3518+0.0804i	-0.4321-0.4214i
44.4	0.3406-0.2345i	43.9003+2.9377i	-2.6510-0.6481i	0.4191+0.0712i	1.1139+0.7003i	-3.0555-0.6497i	0.4350+0.0415i	-0.5288+0.0039i
44.5	0.3227-0.3613i	44.3025+2.2145i	-2.7313-0.6427i	0.3708-0.1062i	0.5122+0.5440i	-3.0945-0.5153i	0.3811-0.1378i	0.0218+0.5176i
44.6	0.2436-0.4439i	44.4784+2.3443i	-2.6850-0.6305i	0.3171-0.0163i	0.7434+0.9874i	-2.9964-0.5690i	0.3174-0.0576i	0.5267-0.1612i
44.7	0.2919-0.3986i	44.9217+2.3914i	-2.7283-0.6287i	0.2758+0.0454i	1.0687+1.0467i	-2.9791-0.6064i	0.2592+0.0129i	0.4500-0.4172i
44.8	0.2146-0.5363i	44.9299+2.0902i	-2.8121-0.6385i	0.3497-0.0754i	1.2056+0.4792i	-3.0958-0.5125i	0.3360-0.1172i	0.5084-0.2499i
44.9	0.0464-0.6101i	45.5437+1.8057i	-2.8682-0.6137i	0.2275-0.1210i	1.0057+0.7026i	-3.0742-0.4685i	0.2165-0.1302i	0.4404-0.5867i
45.0	-0.0517-0.4992i	45.7317+1.6304i	-2.8462-0.6191i	0.2589-0.2509i	1.6109-0.3653i	-3.0421-0.3630i	0.2501-0.2469i	-0.0424+0.1748i
45.1	0.0371-0.4256i	45.6281+2.3390i	-2.8819-0.4131i	0.1603-0.0107i	0.7391+0.6272i	-3.0199-0.4123i	0.1365-0.0272i	0.5185-0.7088i
45.2	0.0468-0.5177i	46.6701+3.0006i	-2.9509-0.4075i	0.2880+0.0554i	1.6493+0.9499i	-3.2016-0.4425i	0.2434+0.0445i	0.2266-0.9687i
45.3	-0.0760-0.4985i	46.4825+1.6482i	-2.9369-0.3135i	0.3317+0.0425i	1.9702+0.6046i	-3.1840-0.3109i	0.2886+0.0438i	0.0828-0.6275i
45.4	-0.1135-0.3960i	46.4160+1.3045i	-3.0527-0.3864i	0.1057-0.0132i	0.9917+0.1896i	-3.0765-0.4001i	0.0768-0.0075i	0.7818-0.3987i
45.5	-0.0879-0.4729i	46.7358+1.1642i	-3.0945-0.3912i	0.2476+0.0417i	1.3005+0.4355i	-3.2294-0.4496i	0.1928+0.0654i	0.8199-0.2917i
45.6	-0.0537-0.5002i	47.4087+2.1024i	-3.0298-0.3203i	0.4677-0.0443i	2.0728+0.1064i	-3.3312-0.2880i	0.4236-0.0500i	0.5050-0.6206i
45.7	-0.0788-0.4605i	48.5231+1.7763i	-2.9662-0.2727i	0.4037-0.1726i	2.1449-0.2964i	-3.2352-0.1744i	0.3701-0.1455i	0.2010-0.1996i
45.8	-0.0796-0.5781i	48.4797+1.0416i	-2.9590-0.3044i	0.3377-0.2352i	1.9136-0.8615i	-3.1582-0.1664i	0.2888-0.1871i	0.8350-0.1850i
45.9	-0.0822-0.6311i	49.0414+1.7937i	-2.9493-0.2472i	0.5601-0.1483i	2.2177-0.8467i	-3.2611-0.1497i	0.4528-0.1292i	0.4351-0.6778i
46.0	-0.2296-0.6299i	49.6417+1.3943i	-3.0565-0.2453i	0.4866-0.3317i	1.8137-0.8976i	-3.2820-0.0729i	0.3760-0.3355i	0.6487-0.4016i
46.1	-0.2526-0.6006i	49.7973+0.7472i	-3.1625-0.1595i	0.2194-0.2614i	1.6061-0.9705i	-3.2605-0.0603i	0.1093-0.2173i	1.0763-0.5671i
46.2	-0.2868-0.6987i	50.3965+0.8560i	-3.1532-0.2302i	0.2832-0.3688i	1.7233-1.2136i	-3.3082-0.0240i	0.2277-0.2789i	0.8152-0.3030i
46.3	-0.2751-0.6919i	51.2553+0.5637i	-3.1926-0.0810i	0.3307-0.2843i	1.9440-0.9728i	-3.4151+0.0323i	0.2952-0.2102i	0.6679-0.5418i
46.4	-0.3256-0.6460i	51.1871+0.7852i	-3.1371+0.0048i	0.4520-0.2853i	2.1704-0.8313i	-3.3884+0.1404i	0.3597-0.2576i	0.9246-0.6089i
46.5	-0.4336-0.6214i	49.8421+0.8801i	-3.2463+0.1367i	0.4507-0.1465i	2.3576-0.7309i	-3.5205+0.0527i	0.3241-0.0673i	1.1376-1.7373i
46.6	-0.3217-0.6862i	51.5233+0.5274i	-3.2697+0.1529i	0.4012-0.1209i	2.1066-1.4916i	-3.4574+0.2659i	0.3151-0.1468i	1.1442-0.8030i
46.7	-0.4319-0.8703i	52.5152+0.1807i	-3.3483+0.1649i	0.3446-0.1842i	1.8980-1.4685i	-3.4076+0.1608i	0.2073-0.1238i	1.7389-1.1287i
46.8	-0.6442-0.8146i	52.4083+0.1377i	-3.3957+0.2752i	0.3752-0.2320i	1.9599-1.6201i	-3.4882+0.2125i	0.2418-0.0746i	1.8356-1.5220i
46.9	-0.6055-0.7352i	51.9368-0.6085i	-3.3115+0.5258i	0.4686-0.0310i	1.5198-1.7157i	-3.5484+0.3011i	0.3795+0.1016i	1.3491-2.0350i
47.0	-0.8094-0.7683i	53.1658-1.3137i	-3.3188+0.4774i	0.4255-0.0851i	1.0723-1.5976i	-3.5123+0.3873i	0.3645-0.0037i	1.7804-1.6595i
47.1	-0.9212-0.7427i	53.5974-0.8905i	-3.3501+0.5897i	0.6873-0.0194i	1.4619-0.9451i	-3.6382+0.3914i	0.6208+0.0770i	2.0944-2.5039i
47.2	-1.1013-0.7644i	54.1561-1.6250i	-3.4133+0.5837i	0.6563-0.3777i	1.8037-1.3726i	-3.6762+0.4761i	0.5848-0.2473i	1.6537-2.6997i
47.3	-1.1846-0.7793i	54.4528-2.3511i	-3.3402+0.5599i	0.6221-0.4344i	1.9870-1.8816i	-3.6223+0.4542i	0.5579-0.3147i	1.1986-2.4583i
47.4	-1.3897-0.6636i	55.1989-2.5795i	-3.4097+0.6401i	0.6794-0.4793i	1.8725-1.6638i	-3.7812+0.5380i	0.6263-0.3568i	1.1262-2.7430i
47.5	-1.5337-0.4642i	55.9834-2.6628i	-3.4511+0.7130i	0.6611-0.6152i	2.0360-1.8613i	-3.8283+0.6611i	0.5973-0.4681i	0.9981-2.7436i
47.6	-1.5818-0.2680i	55.6161-3.7220i	-3.4446+0.8788i	0.5996-0.5459i	1.8997-1.3303i	-3.8478+0.7156i	0.5353-0.4185i	1.0414-3.3720i
47.7	-1.5524-0.0900i	55.5125-3.7195i	-3.3243+0.9709i	0.8033-0.5879i	2.9726-1.8820i	-3.9424+0.8431i	0.7346-0.4578i	-0.2316-3.2335i
47.8	-1.5416+0.0413i	56.6018-3.3904i	-3.2769+0.8850i	0.7659-1.0738i	2.8760-3.5532i	-3.8806+1.2148i	0.6952-0.9378i	-0.3699-1.6674i
47.9	-1.4383+0.0694i	56.4129-4.3353i	-3.3429+1.0365i	0.4783-1.0288i	1.6009-3.7196i	-3.7956+1.1832i	0.4293-0.8883i	0.6327-1.6958i
48.0	-1.5665+0.2042i	56.2206-5.1022i	-3.3444+1.0871i	0.4825-1.1284i	1.2781-3.1395i	-3.8810+1.3251i	0.4139-0.9874i	0.7444-2.1508i
48.1	-1.4323+0.3993i	56.6849-5.6563i	-3.3614+1.2957i	0.3284-0.9690i	1.2082-2.4740i	-3.8341+1.4487i	0.2470-0.8186i	0.7886-2.7074i
48.2	-1.2881+0.5284i	57.0526-5.8759i	-3.2832+1.4044i	0.4423-0.7463i	1.8779-1.7567i	-3.7530+1.4284i	0.3748-0.5885i	0.5904-3.3637i
48.3	-1.3538+0.5478i	56.8621-5.9413i	-3.2472+1.2978i	0.5325-1.0789i	2.1555-3.2147i	-3.7986+1.4322i	0.4617-0.9203i	0.2999-2.6471i
48.4	-1.3226+0.7400i	57.6434-6.3695i	-3.3420+1.4336i	0.2062-1.3911i	1.2633-3.5262i	-3.7218+1.6675i	0.1493-1.2264i	0.8495-2.4931i
48.5	-1.1957+0.7443i	57.2682-6.5006i	-3.2186+1.6183i	0.0040-1.1210i	0.4620-2.4478i	-3.6701+1.6770i	-0.0389-0.9659i	0.9766-3.2445i
48.6	-1.2570+0.9042i	57.9010-7.5331i	-3.3563+1.5587i	-0.3444-0.9201i	0.1911-2.0832i	-3.5869+1.5498i	-0.3974-0.7645i	1.5789-3.3193i
48.7	-1.0851+0.8335i	58.1269-7.3751i	-3.0328+1.5398i	0.0047-0.8637i	1.6301-1.9551i	-3.5212+1.5865i	-0.0528-0.7159i	0.6838-3.3612i
48.8	-1.0102+0.8651i	57.8121-7.0401i	-2.9557+1.6877i	0.0848-1.0346i	2.0555-2.1343i	-3.6354+1.7860i	0.0322-0.8583i	-0.0963-3.7667i
48.9	-1.0956+0.8897i	59.4084-6.7894i	-2.9307+1.4977i	-0.1299-1.3028i	2.4919-2.7777i	-3.5560+1.8628i	-0.1772-1.1061i	-0.3720-2.8222i
49.0	-0.9424+0.9239i	59.5994-6.9699i	-2.9159+1.5067i	-0.1720-1.2597i	2.6898-3.6734i	-3.5650+1.9520i	-0.2270-1.0648i	-0.5695-2.7627i
49.1	-0.7207+1.0163i	58.9862-7.1423i	-2.9508+1.7479i	-0.2277-1.0056i	2.1883-2.8988i	-3.6180+2.0325i	-0.2852-0.8124i	-0.3259-3.1082i
49.2	-0.6326+0.9367i	59.8910-7.7950i	-2.8293+1.8541i	0.0304-0.8778i	3.5111-2.5722i	-3.6706+2.1296i	-0.0325-0.6711i	-1.1866-3.5592i
49.3	-0.6017+1.0263i	59.9262-9.0518i	-2.8910+1.8964i	0.0749-1.0434i	3.3069-3.6844i	-3.7123+2.2989i	0.0050-0.8202i	-0.5153-2.8120i
49.4	-0.7084+0.9770i	62.2609-9.9430i	-3.1744+1.7344i	-0.5284-1.2083i	1.8541-4.3851i	-3.6262+2.2677i	-0.5993-0.9764i	0.6480-2.7778i
49.5	-0.7872+0.9513i	63.5304-10.3703i	-3.1912+1.7386i	-0.3369-1.1186i	2.5270-3.8894i	-3.7972+2.2469i	-0.4073-0.9106i	0.0266-2.6797i
49.6	-0.6809+0.9687i	62.8860-10.8224i	-3.0017+1.8742i	-0.0373-1.2664i	3.5725-4.5595i	-3.8274+2.5626i	-0.1133-1.0228i	-0.5456-2.6105i
49.7	-0.6428+1.0613i	63.3987-11.1617i	-3.0178+1.8580i	-0.3830-1.5731i	2.7406-5.7427i	-3.6055+2.7866i	-0.4461-1.3216i	0.0885-2.0293i

49.8	-0.5500+1.0943i	63.3940-12.9619i	-3.0466+2.0756i	-0.5616-1.3665i	2.4930-5.4921i	-3.5387+2.8821i	-0.6276-1.1090i	0.3527-2.7304i
49.9	-0.3058+1.0961i	63.6342-12.5041i	-3.1326+2.3405i	-0.6350-1.0308i	1.8339-4.7650i	-3.5953+2.8606i	-0.7127-0.7657i	0.7780-3.8173i
50.0	-0.4866+1.0572i	65.9170-13.9902i	-3.3426+2.3751i	-0.7274-0.9534i	1.9931-4.6620i	-3.6767+2.8493i	-0.8054-0.7196i	0.9871-3.9611i
50.1	-0.7052+1.0857i	66.8056-15.5180i	-3.3297+2.2740i	-0.7897-1.3665i	2.4528-6.1476i	-3.7210+3.1201i	-0.8344-1.1086i	0.5535-2.6139i
50.2	-0.4731+1.1684i	65.5239-16.6627i	-3.0711+2.7471i	-0.5127-1.1878i	3.0860-6.0378i	-3.7251+3.4752i	-0.5694-0.8797i	-0.0308-3.6262i
50.3	-0.4414+1.3012i	65.0597-17.8700i	-3.1871+2.7542i	-1.0793-1.3782i	1.5794-6.6980i	-3.4159+3.6358i	-1.1123-1.0411i	1.3566-3.4384i
50.4	-0.3900+1.3304i	65.5181-19.1007i	-3.1853+2.9904i	-1.1977-1.0148i	1.7939-6.2436i	-3.3469+3.6383i	-1.2371-0.7055i	0.8877-4.2799i
50.5	-0.2886+1.2905i	65.4575-19.3777i	-2.8036+3.0886i	-0.9943-1.0245i	2.3682-7.2796i	-3.2152+3.8405i	-1.0580-0.6860i	-0.2842-3.9815i
50.6	-0.1847+1.3480i	66.3957-21.3733i	-2.9199+3.1508i	-1.3428-1.0966i	0.9734-7.8851i	-3.1390+3.9497i	-1.3663-0.7450i	0.8143-3.0453i
50.7	-0.1559+1.2639i	66.0294-22.7281i	-2.9028+3.2721i	-1.5007-0.8768i	0.5167-7.6980i	-3.0456+4.0319i	-1.5266-0.5256i	1.8863-4.0837i
50.8	-0.1176+1.2141i	65.6556-22.9393i	-2.7253+3.3947i	-1.5676-0.5942i	0.0187-7.1589i	-2.8140+3.9796i	-1.6003-0.2243i	1.9524-5.2210i
50.9	-0.2398+1.1045i	65.7282-23.6318i	-2.4475+3.3474i	-1.3575-0.5222i	1.6922-6.7553i	-2.7489+3.9917i	-1.3608-0.1295i	0.4614-5.5946i
51.0	-0.1416+1.1771i	66.3032-25.7240i	-2.5300+3.6600i	-1.2989-0.1976i	1.1128-7.4502i	-2.8471+4.0833i	-1.3016+0.2380i	0.4960-6.4863i
51.1	-0.3362+1.3449i	65.8458-28.3538i	-2.4051+3.7159i	-1.1165-0.6033i	1.2919-9.2213i	-2.8962+4.4374i	-1.0821-0.1617i	-0.3857-5.2996i
51.2	-0.1368+1.3727i	64.6558-29.7240i	-2.2269+3.7985i	-1.3662-0.5317i	0.0606-9.6404i	-2.5308+4.6103i	-1.3103-0.0869i	0.1433-5.3276i
51.3	-0.0330+1.5627i	63.4337-32.5207i	-2.0129+4.2544i	-1.3141-0.2729i	-0.5975-9.3094i	-2.4608+4.8993i	-1.2418+0.2122i	-0.3338-6.5071i
51.4	0.1421+1.7160i	62.3930-33.5302i	-1.9312+4.3799i	-1.7062+0.0522i	-1.5849-8.8644i	-2.1629+4.9289i	-1.6187+0.5375i	0.6124-7.5870i
51.5	0.3794+1.5893i	59.8470-34.0608i	-1.3795+4.4808i	-1.0555+0.4227i	-0.7023-8.6896i	-2.0842+4.8906i	-0.9363+0.8924i	-1.6907-8.0626i
51.6	0.4900+1.5072i	59.5269-35.3752i	-1.1057+4.5082i	-0.9045+0.3449i	-1.3182-9.0247i	-1.9495+5.0375i	-0.7474+0.8404i	-1.9655-8.2974i
51.7	0.5874+1.4879i	58.6289-36.7468i	-0.8523+4.5263i	-0.9484+0.5217i	-2.4191-8.7004i	-1.7778+5.1336i	-0.7515+1.0109i	-2.3818-8.5847i
51.8	0.5573+1.5087i	57.2783-38.9717i	-0.7630+4.4501i	-0.8451+0.8331i	-2.0538-7.5884i	-1.6991+5.0541i	-0.6534+1.3147i	-3.0624-9.4473i
51.9	0.5512+1.6233i	56.2384-42.0751i	-0.8738+4.1113i	-0.9070+0.2024i	-3.1706-10.5228i	-1.6482+5.4530i	-0.6824+0.7057i	-2.8909-6.7323i
52.0	0.8577+1.4462i	51.5485-42.2481i	-0.3907+4.3224i	-0.3449+0.6169i	-2.5567-8.4987i	-1.4032+5.4847i	-0.0519+1.0792i	-5.1015-8.3191i
52.1	1.0869+1.4442i	47.9562-40.3124i	-0.0611+4.2966i	0.0584+0.3810i	-2.0563-9.1964i	-1.1679+5.6322i	0.3466+0.8269i	-5.7064-7.4457i
52.2	1.0037+1.0505i	47.6818-37.7951i	0.1004+3.9582i	0.2947-0.0257i	-2.2468-9.5842i	-1.1565+5.6437i	0.6362+0.4370i	-6.9428-6.7719i
52.3	1.0637+1.0993i	49.3178-38.4305i	-0.0080+3.7812i	-0.1096-0.6394i	-3.4012-11.7386i	-0.8721+5.9843i	0.2273-0.1748i	-5.3165-4.3137i
52.4	1.0629+1.0146i	44.6831-38.2675i	0.4761+3.7951i	0.1325-0.5167i	-3.7080-10.5992i	-0.4302+5.9772i	0.5055-0.0495i	-6.1001-5.3397i
52.5	1.4276+1.1508i	40.7157-37.3788i	0.6480+3.9536i	0.0466-0.0916i	-4.3897-9.1084i	0.0484+5.8519i	0.4132+0.3560i	-6.8876-7.1279i
52.6	1.5736+1.0911i	40.0357-37.3264i	0.5866+4.0678i	-0.2669+0.1566i	-5.8910-8.1682i	0.3423+5.6462i	0.1275+0.5936i	-5.8990-7.3427i
52.7	1.3691+0.7032i	42.3896-37.4331i	0.6146+3.7186i	-0.1647-0.3843i	-6.3523-8.9075i	0.3048+5.8022i	0.2004+0.0431i	-5.5101-6.1638i
52.8	1.1720+0.9109i	41.1697-39.3556i	0.3715+3.6135i	-0.9156-0.8321i	-7.9945-9.4494i	0.7621+6.0902i	-0.5076-0.4272i	-4.0549-5.1400i
52.9	1.4831+0.7783i	37.6142-37.3157i	0.6247+3.7123i	-0.9945-0.1998i	-8.6067-7.4234i	1.2518+5.7871i	-0.5884+0.1952i	-4.2543-7.1134i
53.0	1.4768+0.6081i	36.7048-36.8361i	0.9531+3.5197i	-0.6774-0.4017i	-7.3469-6.9525i	1.3827+5.6677i	-0.1864+0.0529i	-6.3860-7.1604i
53.1	1.8782+0.3531i	32.4853-35.3674i	1.6082+3.7925i	0.4314+0.5669i	-4.7343-4.2916i	1.3136+5.1478i	0.9072+0.9130i	-9.8139-9.1626i
53.2	1.4687+0.0912i	33.7318-34.2044i	1.6911+3.0020i	0.5222-1.0481i	-4.3226-8.8949i	1.3240+5.7265i	0.9847-0.6634i	-10.4402-4.4103i
53.3	1.2947+0.1423i	33.6835-32.6427i	1.4409+2.6003i	-0.2994-1.3998i	-6.0289-9.0623i	1.9189+5.5892i	0.2027-1.0783i	-8.7277-3.0898i
53.4	1.3628-0.0557i	32.2278-29.4582i	1.7655+2.0582i	0.1646-1.8683i	-4.3893-11.8080i	1.8906+5.4637i	0.6756-1.5830i	-10.5802-0.7903i
53.5	1.5419-0.4116i	30.4127-29.9486i	1.4642+1.9940i	-0.6724-1.8800i	-9.1380-11.0907i	2.4538+5.4655i	-0.1282-1.6001i	-7.9386-0.9394i
53.6	1.2527-0.3239i	28.2555-30.1237i	1.3479+2.1901i	-0.8915-1.4301i	-9.0667-8.7077i	2.8444+5.1530i	-0.3567-1.1597i	-8.3231-2.5220i
53.7	1.1682-0.4762i	28.4738-28.2048i	1.3792+2.0297i	-0.7777-1.6850i	-8.3795-9.3578i	2.7839+4.9965i	-0.2380-1.4144i	-8.8903-1.6488i
53.8	0.6805-0.5369i	29.4739-25.8898i	1.0575+1.5548i	-1.7361-2.5964i	-10.8765-11.5482i	3.2492+5.2200i	-1.1520-2.3423i	-7.3089+1.1558i
53.9	0.4728-0.3317i	27.2558-23.4795i	0.8813+1.4487i	-2.6521-2.5393i	-13.2714-10.7050i	3.8415+4.9493i	-2.0391-2.2763i	-6.0330+1.7379i
54.0	0.8833-0.3142i	26.6908-19.5448i	1.0639+1.4135i	-2.3369-2.0025i	-12.0678-9.1878i	3.7122+4.4235i	-1.7426-1.7874i	-6.9498+1.3479i
54.1	1.4047-0.4965i	27.6707-17.8513i	0.8940+1.8321i	-2.7193-0.5890i	-13.3123-6.5521i	3.9087+3.6768i	-2.1180-0.4121i	-5.8475-0.9456i
54.2	0.6962-1.2011i	27.2802-18.7484i	1.2353+1.9768i	-1.7025-0.2011i	-11.6120-4.2618i	3.5267+3.6605i	-1.1178-0.0486i	-8.1564-2.3080i
54.3	0.3153-0.8453i	28.0681-15.8534i	1.1476+1.3243i	-2.0008-1.1286i	-11.8463-6.8127i	3.8402+3.6590i	-1.4498-1.0231i	-7.2583+1.3403i
54.4	0.0194-0.5876i	31.0861-14.0244i	0.7419+1.2014i	-2.5983-1.1951i	-13.0066-6.6200i	4.0142+3.5163i	-2.0442-1.0953i	-5.5590+1.5613i
54.5	-0.0890-0.3048i	30.6951-12.4957i	0.4471+1.2629i	-3.2379-0.8355i	-14.6662-5.6198i	4.3851+3.2056i	-2.6656-0.7696i	-4.3794+1.0833i
54.6	-0.3571-0.2263i	31.4217-11.4647i	0.1473+0.9683i	-3.9166-1.2973i	-16.1494-6.2815i	4.7364+3.2693i	-3.3221-1.2530i	-3.4698+2.2691i
54.7	-0.0564-0.3420i	30.5656-10.1921i	0.5947+1.2891i	-3.0503-0.4240i	-13.2779-4.0739i	4.3906+2.6474i	-2.4331-0.3842i	-6.6320+1.0947i
54.8	-0.0967-0.6113i	30.9825-6.9064i	1.1023+1.0244i	-1.9209-0.7127i	-10.6994-5.9880i	3.9136+2.5252i	-1.3196-0.6923i	-8.0433+3.6406i
54.9	-0.2065-0.3536i	31.0643-6.2834i	0.6417+0.8540i	-2.8909-1.0682i	-15.0964-6.0207i	4.4100+2.6197i	-2.3038-1.0263i	-4.3192+4.0889i
55.0	-0.1678-0.2040i	31.2909-4.1130i	0.5397+0.9849i	-3.1895-0.5015i	-15.6797-3.7541i	4.6395+2.1189i	-2.6257-0.4972i	-3.6881+2.9686i
55.1	-0.2973-0.0037i	35.3167-3.5134i	0.2648+0.8788i	-3.6420-0.3893i	-16.3740-3.0418i	4.7190+1.8276i	-3.0776-0.3887i	-2.6101+2.7972i
55.2	-0.2060+0.3609i	36.2067-4.0096i	-0.0432+1.1933i	-4.4284+0.3768i	-17.9885-1.4446i	5.1246+1.4384i	-3.8266+0.3461i	-1.1920+1.5669i
55.3	-0.1880+0.3370i	36.1692-0.2152i	-0.0946+1.0263i	-4.3350+0.3655i	-17.9988-0.9197i	5.0113+1.1931i	-3.7176+0.3158i	-1.2916+2.0465i
55.4	0.0490+0.3857i	36.4843-0.4030i	-0.0356+1.3078i	-4.3058+1.1623i	-17.8967+1.3858i	5.1149+0.6654i	-3.7320+1.0702i	-1.2316+0.8995i
55.5	0.1172+0.0804i	37.3651+0.3505i	0.4275+1.5147i	-3.1171+1.6711i	-15.2926+2.7830i	4.6243+0.3062i	-2.6032+1.5580i	-3.5942-0.1202i
55.6	-0.2431+0.3976i	38.2772+2.7125i	0.2201+0.9656i	-3.6932+0.6399i	-16.3350+0.5415i	4.6825+0.5014i	-3.1832+0.4795i	-2.0698+2.6990i
55.7	0.1293+0.5462i	38.4285+3.8211i	0.1070+1.3139i	-4.0187+1.7558i	-16.7912+3.6761i	4.8027-0.1249i	-3.4459+1.6190i	-1.5092+0.6038i
55.8	0.3030+0.6127i	41.6770+5.3062i	-0.0928+1.4593i	-4.1484+2.3557i	-16.6217+5.2172i	4.6921-0.6173i	-3.5968+2.2171i	-0.8886-0.1584i
55.9	0.4720+0.5297i	43.4474+6.5814i	-0.1183+1.5736i	-3.9948+3.0036i	-16.2515+6.6913i	4.6140-1.0762i	-3.4792+2.7757i	-0.9612-0.6578i
56.0	0.4941+0.2281i	46.0686+9.1210i	0.1198+1.5915i	-3.0737+3.1167i	-13.9049+7.1712i	4.0725-1.3363i	-2.6142+2.9069i	-2.2900-0.6191i

56.1	-0.0631+0.4808i	48.4762+10.0581i	-0.1653+1.0748i	-3.8221+1.8475i	-15.3000+4.2156i	4.0949-0.8734i	-3.3487+1.6175i	-0.0761+2.3257i
56.2	0.5912+0.6069i	51.1287+8.4780i	-0.3089+1.7984i	-3.9364+3.9377i	-15.3131+8.9158i	4.0208-1.7211i	-3.4453+3.6591i	0.4358-2.0471i
56.3	0.7241+0.3560i	54.7753+9.5469i	-0.1736+1.9148i	-3.3701+4.4088i	-13.5844+10.0650i	3.5954-2.1259i	-2.9013+4.1649i	-0.1157-2.6478i
56.4	0.8015+0.2615i	57.7511+9.0212i	-0.0346+2.1064i	-2.7534+4.9645i	-12.0037+11.1794i	3.1805-2.4330i	-2.3153+4.6664i	-0.7190-3.5303i
56.5	0.6814+0.2324i	59.3792+8.6624i	-0.0955+2.0867i	-2.5113+4.8489i	-11.5747+10.6852i	2.9678-2.3175i	-2.1637+4.5439i	-1.0064-3.4429i
56.6	0.6753+0.1651i	61.7636+8.8755i	0.0091+2.1694i	-2.0521+4.9266i	-10.5269+10.9710i	2.6939-2.4329i	-1.7760+4.6840i	-1.4302-3.5396i
56.7	0.7323+0.0031i	63.3674+7.4898i	0.2344+2.3154i	-1.4055+5.2053i	-8.7676+11.4695i	2.2347-2.5616i	-1.1164+4.9656i	-2.1020-4.1580i
56.8	0.6647-0.0450i	66.8795+7.5385i	0.3460+2.2958i	-0.9654+5.1913i	-7.4320+11.3127i	1.8637-2.5777i	-0.6768+4.9659i	-2.3505-4.3065i
56.9	0.5954-0.1402i	67.3584+6.0857i	0.5570+2.2234i	-0.2672+4.9676i	-5.9854+10.7206i	1.4974-2.4768i	-0.0607+4.7800i	-3.1600-4.0318i
57.0	0.4665-0.1042i	69.1864+5.9436i	0.5637+2.2110i	-0.1759+4.9128i	-5.8969+10.1571i	1.3996-2.4033i	0.0691+4.6578i	-3.4642-3.6759i
57.1	0.3044-0.0464i	72.2389+6.0961i	0.6348+2.1153i	0.1778+4.5501i	-5.0186+9.3472i	1.1290-2.3306i	0.3622+4.3980i	-3.5158-3.3235i
57.2	0.0109+0.0251i	73.7484+2.8583i	0.8232+1.7675i	0.4738+3.5538i	-4.8097+6.5015i	0.8550-1.8624i	0.7683+3.4485i	-4.1252-1.8156i
57.3	0.7565+0.6266i	77.7932+3.1346i	0.2148+2.2338i	-1.0650+4.7970i	-8.4878+9.8540i	1.3301-2.1244i	-0.6915+4.5787i	-0.9791-4.4516i
57.4	0.8668+0.0634i	78.4218+2.7540i	0.7521+2.6274i	0.4170+5.5544i	-4.6132+11.5079i	0.7220-2.5319i	0.7153+5.4568i	-3.1382-5.9384i
57.5	0.6268-0.0399i	80.5715+1.0840i	0.9311+2.4107i	0.8680+5.0620i	-3.8514+10.3029i	0.5201-2.3170i	1.1560+4.9492i	-3.8733-5.3462i
57.6	0.5689-0.0494i	79.9025-1.2043i	1.1500+2.2650i	1.4216+4.7765i	-2.9059+9.6254i	0.2621-2.1467i	1.6855+4.6385i	-4.7745-5.0338i
57.7	0.5614-0.1004i	81.3459-2.2350i	1.2920+2.1374i	1.7530+4.4649i	-2.3531+8.8702i	0.0905-1.9945i	1.9976+4.3240i	-5.1574-4.7907i
57.8	0.5922-0.0926i	82.5221-2.2816i	1.3590+2.1463i	2.1911+4.4640i	-1.7831+8.8605i	-0.1296-1.9937i	2.3463+4.3430i	-5.4146-4.9038i
57.9	0.5301-0.1419i	84.6669-4.0709i	1.4764+1.9682i	2.5165+4.0165i	-1.3143+8.0057i	-0.2855-1.7617i	2.6463+3.8978i	-5.8849-4.4235i
58.0	0.4839-0.1429i	85.6470-4.4634i	1.5586+1.8429i	2.6118+3.8374i	-1.0170+7.5265i	-0.4150-1.6620i	2.8496+3.6411i	-6.2065-4.4268i
58.1	0.4397-0.1291i	86.9176-7.7645i	1.6120+1.7156i	2.7714+3.5482i	-0.9996+6.9498i	-0.4435-1.4572i	2.9809+3.3675i	-6.6186-4.2828i
58.2	0.4698-0.0754i	89.3267-7.2960i	1.5491+1.6832i	2.7056+3.4067i	-1.1979+6.6861i	-0.4685-1.4393i	2.8945+3.2928i	-6.5952-4.2237i
58.3	0.4425+0.0155i	91.1291-8.7216i	1.6512+1.5702i	2.9568+3.1240i	-0.7212+6.2865i	-0.6057-1.2991i	3.1403+3.0283i	-6.9804-4.0446i
58.4	0.4161+0.3630i	93.4711-11.1555i	1.6280+1.3352i	2.8704+2.4150i	-0.9155+5.0983i	-0.5624-0.9503i	3.1047+2.3933i	-7.2297-3.3463i
58.5	1.0768-0.0132i	94.1883-12.6775i	1.5036+1.4910i	2.4846+2.8633i	-1.8433+5.6380i	-0.4151-1.1504i	2.7476+2.8560i	-6.5258-3.9987i
58.6	1.0043-0.3407i	94.2819-14.5963i	1.8166+1.5142i	3.1264+2.8641i	-0.6796+5.8943i	-0.6825-1.1259i	3.3554+2.8666i	-7.7421-4.2158i
58.7	0.8825-0.7037i	95.2337-15.8356i	1.9012+1.4051i	3.3820+2.7588i	-0.4024+5.5864i	-0.8025-1.1247i	3.6431+2.6993i	-8.3067-3.9905i
58.8	0.9854-0.4310i	96.5577-16.3171i	1.9305+1.3094i	3.6798+2.5385i	-0.0571+5.4866i	-0.9560-1.0175i	3.9215+2.5124i	-8.7541-3.7431i
58.9	0.9285-0.5280i	96.9014-19.6306i	1.9900+1.2944i	3.7717+2.4074i	0.0321+5.4850i	-1.0516-0.9267i	4.0406+2.3795i	-8.9593-3.5791i
59.0	0.8606-0.6592i	98.2404-21.1384i	1.9565+1.0827i	3.8073+2.0061i	0.0274+4.6838i	-1.1067-0.7138i	4.0861+1.9546i	-9.3719-3.0350i
59.1	0.7012-0.8926i	100.3196-22.5498i	1.9380+0.9413i	3.8603+1.7204i	0.0912+4.0475i	-1.1178-0.5703i	4.1553+1.6931i	-9.5265-2.7516i
59.2	0.5527-0.9164i	101.4091-24.9934i	1.9638+0.8896i	3.9194+1.6693i	-0.0764+3.8693i	-1.1436-0.4809i	4.1921+1.5459i	-9.7193-2.6082i
59.3	0.3895-0.9337i	102.2969-27.1491i	1.8695+0.8525i	3.8656+1.5769i	-0.2438+3.8177i	-1.1975-0.4621i	4.2011+1.4754i	-9.8178-2.5096i
59.4	0.2591-0.8847i	104.7047-28.5366i	1.7451+0.7664i	3.7263+1.3267i	-0.5735+3.6097i	-1.1416-0.3848i	4.1375+1.3729i	-9.9070-2.3079i
59.5	0.1569-0.8844i	103.1091-31.5771i	1.8793+0.6056i	3.8168+1.0395i	-0.5220+3.3232i	-1.1622-0.2431i	4.2225+1.0653i	-10.1464-1.8755i
59.6	0.0185-0.9065i	102.9490-34.0104i	1.8918+0.5399i	3.9017+0.6684i	-0.6717+2.9341i	-1.1487-0.1013i	4.2730+0.7656i	-10.3503-1.4799i
59.7	-0.0941-0.8817i	105.1850-34.6203i	1.8863+0.4514i	4.1134+0.5861i	-0.7590+2.8502i	-1.1936-0.0020i	4.3814+0.6242i	-10.6284-1.3558i
59.8	-0.1871-0.8752i	106.7988-35.3592i	2.0718+0.4678i	4.4737+0.3157i	-0.2098+2.6843i	-1.3349+0.1207i	4.7454+0.3612i	-11.0665-1.0960i
59.9	-0.3003-0.9743i	107.6460-38.9025i	1.8672+0.1773i	3.9242-0.4950i	-0.4767+2.5263i	-1.3720+0.1630i	4.8152+0.1869i	-11.2543-0.8017i
60.0	-0.4333-0.8643i	112.7110-44.9684i	11.3714-0.1272i	9.1672+0.2579i	-0.6202+2.4915i	-1.3405+0.3019i	4.8218-0.1633i	-11.3826-0.1396i
60.1	-0.6243-0.7225i	108.7767-43.8307i	1.9492+0.3860i	4.8333-0.4309i	-1.1282+2.5229i	-1.2506+0.3472i	4.6434-0.2041i	-11.5536-0.1116i
60.2	-0.7731-0.7050i	109.1825-45.6733i	1.8398+0.3021i	4.1757-0.4745i	-0.9721+2.2112i	-1.2510+0.5028i	4.6881-0.6215i	-11.7669+0.3614i
60.3	-0.9945-0.6098i	107.3679-48.7806i	1.8648-0.0181i	4.4175-0.9941i	-0.5019+2.2062i	-1.3452+0.6266i	4.9177-0.9987i	-11.9386+0.9116i
60.4	-1.2457-0.3908i	109.2834-51.6383i	1.7984-0.0609i	4.2867-1.0232i	-1.0264+2.1520i	-1.2803+0.6846i	4.7833-1.1394i	-11.9907+1.0906i
60.5	-1.4609-0.0864i	111.5845-54.9161i	1.7190-0.1860i	4.1702-1.3945i	-1.2156+1.9344i	-1.2566+0.7769i	4.7144-1.4246i	-12.2188+1.4733i
60.6	-1.5962+0.4028i	110.3240-57.4808i	1.7256-0.3790i	4.1489-1.6016i	-1.2943+2.0310i	-1.2085+0.8467i	4.6199-1.6501i	-12.2008+1.8472i
60.7	-1.5646+0.9481i	112.2933-62.7976i	1.9376-0.3878i	4.3895-1.9059i	-1.2905+2.1433i	-1.3203+0.9584i	4.8999-1.9243i	-12.7167+2.1808i
60.8	-1.0932+1.3224i	111.5987-64.2192i	1.7975-0.5573i	4.0777-2.5102i	-1.3783+1.4255i	-1.2060+1.1825i	4.5234-2.4679i	-12.4739+3.0358i
60.9	-0.5739+1.5318i	108.9262-67.1395i	1.5898-0.6368i	3.5060-2.7040i	-1.9288+1.3651i	-0.9910+1.2677i	4.0039-2.7224i	-12.0825+3.5863i
61.0	-0.2354+1.5310i	109.2746-70.3177i	1.5036-0.6985i	3.3886-2.8791i	-2.0918+1.4748i	-0.9511+1.3393i	3.9009-2.9187i	-12.2723+3.8520i
61.1	0.0652+1.4746i	105.5556-72.3896i	1.4339-0.7268i	3.3342-2.9804i	-1.7282+1.8167i	-0.9412+1.4123i	3.8673-3.1012i	-12.2311+4.2934i
61.2	0.2093+1.4480i	109.1657-76.2719i	1.3776-0.7707i	3.1266-3.0663i	-2.2367+1.8838i	-0.8656+1.4472i	3.7401-3.1851i	-12.4902+4.5446i
61.3	0.3843+1.3569i	107.5001-78.6971i	1.1657-0.8382i	2.6718-3.2943i	-2.5596+1.5564i	-0.6941+1.5671i	3.2866-3.4291i	-12.1704+5.2371i
61.4	0.6142+1.3183i	105.2932-82.5599i	1.0834-0.8643i	2.4817-3.2967i	-2.5558+1.8190i	-0.6149+1.5515i	3.0625-3.4811i	-12.1375+5.6700i
61.5	0.7534+1.3652i	105.0764-86.6247i	0.9511-0.8116i	2.2498-3.3272i	-2.8217+2.1054i	-0.5159+1.5812i	2.8655-3.5593i	-12.1492+5.9828i
61.6	0.9585+1.3053i	104.1583-86.0456i	0.7148-0.9172i	1.8476-3.4578i	-2.9574+1.9064i	-0.3825+1.6201i	2.4582-3.7096i	-11.8370+6.4440i
61.7	1.1830+1.1693i	99.8409-90.5486i	0.7599-0.9348i	1.8973-3.6352i	-2.6682+2.2774i	-0.3468+1.6531i	2.3507-3.8476i	-11.7003+7.2265i
61.8	1.3358+0.9652i	93.8971-91.9425i	0.7671-0.8986i	1.6989-3.5191i	-2.2368+2.3952i	-0.3256+1.6976i	2.3219-3.9751i	-11.3388+7.7162i
61.9	1.5205+0.7653i	96.0699-92.0776i	0.4964-0.9611i	1.3067-3.7724i	-2.7513+1.7424i	-0.1258+1.7173i	1.8126-4.0686i	-10.9590+8.1453i
62.0	1.7367+0.6069i	93.7421-97.7142i	0.4133-0.7777i	0.9768-3.8070i	-2.9958+2.2810i	-0.0306+1.6607i	1.5538-3.9371i	-10.7572+8.6936i
62.1	1.8713+0.2544i	89.6800-98.8614i	0.4059-0.7423i	0.8387-3.3967i	-2.7978+2.4475i	-0.0259+1.6342i	1.4578-3.8431i	-10.4625+9.1262i
62.2	1.8391-0.0038i	85.2004-98.4792i	0.2963-0.7226i	0.6158-3.4468i	-2.7960+2.3407i	0.0916+1.6188i	1.1222-3.8560i	-9.6754+9.5577i
62.3	1.7966-0.2686i	82.9854-99.3730i	0.2295-0.7014i	0.3634-3.5156i	-2.7651+2.2975i	0.2012+1.6283i	0.8889-3.9366i	-9.1316+10.0209i

62.4	1.8094-0.4057i	81.0732-99.8012i	0.2304-0.7494i	0.4525-3.7195i	-2.5940+2.4505i	0.1758+1.6945i	0.9932-4.1457i	-9.0143+10.3515i
62.5	1.6805-0.6358i	75.7065-102.1938i	0.2778-0.6659i	0.4687-3.5823i	-2.4100+2.8673i	0.1508+1.5892i	0.9927-4.0321i	-8.4300+10.4515i
62.6	1.5070-0.8612i	71.6379-101.3270i	0.2071-0.6762i	0.2438-3.6254i	-2.2875+2.6338i	0.2247+1.6224i	0.6400-4.1512i	-7.7028+10.7034i
62.7	1.4119-0.9226i	73.5078-101.0131i	0.1604-0.6583i	0.0157-3.6766i	-2.4211+2.6021i	0.2698+1.6821i	0.4771-4.2305i	-7.6178+10.8849i
62.8	1.2211-0.9786i	73.5357-101.3439i	0.1170-0.6224i	-0.0358-3.8261i	-2.5389+2.7082i	0.3128+1.7177i	0.3922-4.2754i	-7.2685+10.9999i
62.9	1.1203-1.0141i	70.5654-100.7884i	0.0156-0.5250i	-0.3420-3.8210i	-2.7002+2.9036i	0.3936+1.7164i	0.0660-4.2292i	-6.7437+11.1192i
63.0	1.0401-1.0654i	68.8323-102.9907i	-0.0660-0.4995i	-0.8792-3.7594i	-2.8681+3.0153i	0.5101+1.6956i	-0.3109-4.2381i	-6.3065+11.2981i
63.1	0.8403-1.0794i	68.8799-102.0880i	-0.0590-0.5505i	-0.9429-3.9551i	-2.6141+2.9348i	0.5133+1.7333i	-0.3833-4.4182i	-5.9943+11.2619i
63.2	0.7396-1.1479i	66.0031-99.7979i	-0.0551-0.5482i	-1.0628-3.8940i	-2.2055+2.9361i	0.6060+1.7515i	-0.6362-4.4362i	-5.4118+11.3823i
63.3	0.6683-1.1967i	68.4747-95.7389i	-0.2037-0.4763i	-1.4151-3.9303i	-2.3644+2.5951i	0.7404+1.7499i	-1.1198-4.4061i	-5.0333+11.3111i
63.4	0.5392-1.1960i	65.6080-94.9994i	-0.1771-0.4258i	-1.5068-3.7586i	-2.2219+2.7974i	0.7586+1.7360i	-1.1963-4.2871i	-4.6134+11.1757i
63.5	0.4249-1.2242i	64.7608-96.2155i	-0.1691-0.4037i	-1.7420-3.8834i	-2.0412+2.9805i	0.8240+1.8255i	-1.3409-4.4083i	-4.4091+11.4663i
63.6	0.2694-1.1669i	65.9355-94.5542i	-0.2347-0.4051i	-1.9735-3.9025i	-2.0457+2.8361i	0.8626+1.8078i	-1.6269-4.3270i	-4.2135+11.2905i
63.7	0.2053-1.1046i	66.5939-96.2936i	-0.2607-0.3363i	-2.3881-3.5776i	-2.0323+2.8210i	1.0640+1.7513i	-2.1050-4.0778i	-3.5715+11.3283i
63.8	0.1129-0.9689i	69.6286-92.9490i	-0.3464-0.3132i	-2.6494-3.4583i	-2.0826+2.6288i	1.1914+1.7212i	-2.4003-3.9297i	-3.2221+11.1333i
63.9	-0.0021-0.9077i	66.8361-94.0154i	-0.3966-0.2352i	-2.8111-3.2215i	-2.1716+2.8684i	1.2320+1.6445i	-2.5224-3.6976i	-2.9136+10.9434i
64.0	-0.1040-0.9473i	65.2905-93.9008i	-0.3515-0.2390i	-3.1256-3.1069i	-1.7895+2.7349i	1.3567+1.6194i	-2.8394-3.6056i	-2.4808+11.1422i
64.1	-0.1956-0.8631i	66.8917-95.6025i	-0.3814-0.1570i	-3.2441-2.8030i	-1.8898+2.6995i	1.4246+1.5266i	-3.0387-3.2570i	-2.1792+10.9904i
64.2	-0.1617-0.7084i	69.5171-99.5399i	-0.4367-0.0185i	-3.4177-2.3877i	-2.1798+2.9658i	1.5120+1.4401i	-3.1747-2.8904i	-1.9653+10.9356i
64.3	-0.1427-0.5875i	73.1992-98.5179i	-0.4276-0.0656i	-3.6614-2.2703i	-2.0547+2.5800i	1.6243+1.3690i	-3.4162-2.7426i	-1.7427+10.8221i
64.4	-0.1851-0.5780i	74.5614-97.9019i	-0.3543-0.0893i	-3.8029-1.9190i	-1.9621+2.1550i	1.6528+1.3086i	-3.5265-2.4166i	-1.4895+10.7659i
64.5	-0.1284-0.5152i	74.4196-99.5240i	-0.4260+0.0212i	-3.8070-1.5830i	-2.2017+2.3847i	1.6405+1.2122i	-3.5485-2.0867i	-1.4377+10.6125i
64.6	-0.0531-0.4388i	76.9704-107.4765i	-0.4882+0.0599i	-3.9273-1.2386i	-2.6170+2.4457i	1.7530+1.0679i	-3.6436-1.7069i	-1.1168+10.5340i
64.7	-0.0198-0.3687i	79.6513-107.2203i	-0.4543+0.0390i	-4.0729-0.9806i	-2.5440+2.0764i	1.8337+0.9767i	-3.7761-1.4723i	-0.7086+10.3991i
64.8	0.0462-0.3039i	81.5408-107.4105i	-0.3828+0.0823i	-4.0610-0.7586i	-2.2693+2.0093i	1.8772+0.8987i	-3.8036-1.2647i	-0.3856+10.3364i
64.9	0.0730-0.3283i	78.9074-112.6510i	-0.3699+0.1911i	-3.8577-0.4598i	-2.3245+2.4144i	1.8696+0.8145i	-3.6462-0.9414i	-0.1379+10.3268i
65.0	0.1185-0.3709i	79.1337-119.0900i	-0.3600+0.2537i	-3.8205-0.1046i	-2.6548+2.5801i	1.8905+0.7019i	-3.6174-0.6111i	0.0619+10.3330i
65.1	0.1816-0.3094i	81.1605-118.4713i	-0.3627+0.1865i	-3.8785+0.0328i	-2.6565+2.0880i	1.9582+0.5936i	-3.6807-0.4440i	0.4877+9.9983i
65.2	0.2211-0.3035i	82.9328-119.0459i	-0.3726+0.2068i	-3.8074+0.1601i	-2.6235+2.0896i	1.9403+0.5351i	-3.6111-0.2841i	0.7043+9.8560i
65.3	0.2973-0.3590i	82.6938-129.4625i	-0.4075+0.3239i	-3.6877+0.5981i	-3.0655+2.4712i	1.9373+0.3334i	-3.4886+0.1046i	0.8741+9.6207i
65.4	0.3557-0.4434i	83.0280-139.1969i	-0.4777+0.3540i	-3.6558+0.8424i	-3.5042+2.5918i	1.9536+0.2045i	-3.4584+0.3515i	0.9889+9.4463i
65.5	0.3562-0.5412i	75.1356-143.2921i	-0.4331+0.4754i	-3.3473+1.1392i	-3.4211+3.0238i	1.8368+0.1200i	-3.1717+0.6416i	1.2091+9.4284i
65.6	0.3341-0.6418i	71.7913-148.4384i	-0.3598+0.5309i	-3.0652+1.3974i	-3.4016+3.2634i	1.7885+0.0147i	-2.8948+0.8918i	1.5072+9.2250i
65.7	0.3474-0.7247i	69.8350-158.5905i	-0.3211+0.6584i	-2.9817+1.8937i	-3.6389+3.6734i	1.7184-0.1404i	-2.8315+1.3263i	1.6336+9.1204i
65.8	0.3285-0.7832i	61.1860-160.7016i	-0.2534+0.6792i	-2.7437+2.1028i	-3.4263+3.8109i	1.6330-0.2293i	-2.5885+1.5501i	1.8636+8.8054i
65.9	0.2650-0.8398i	58.9056-162.9657i	-0.1481+0.6357i	-2.3389+2.1206i	-3.2536+3.7896i	1.5821-0.3019i	-2.2312+1.6026i	2.1098+8.5170i
66.0	0.2548-0.9144i	54.9494-170.6185i	-0.0733+0.6449i	-2.0607+2.3392i	-3.2499+4.0339i	1.5230-0.4127i	-1.9657+1.8091i	2.3172+8.4432i
66.1	0.1503-1.0030i	46.0828-177.6539i	0.0025+0.7136i	-1.7706+2.5101i	-3.1993+4.4431i	1.4503-0.4846i	-1.6340+1.9575i	2.5225+8.4198i
66.2	0.0500-0.9578i	38.6495-174.8145i	0.0866+0.7363i	-1.3813+2.4325i	-2.9533+4.6642i	1.3209-0.4442i	-1.2752+1.8588i	2.5246+8.1478i
66.3	-0.0246-0.9522i	29.3667-176.5148i	0.1347+0.7928i	-1.0493+2.4655i	-2.8897+5.0874i	1.1739-0.4624i	-0.9353+1.8663i	2.4705+8.0337i
66.4	-0.0859-0.9052i	20.8523-178.2420i	0.3050+0.7312i	-0.5555+2.3083i	-2.3919+5.2731i	1.0984-0.4506i	-0.4925+1.6961i	2.8739+7.7495i
66.5	-0.0875-0.9474i	18.3327-179.4568i	0.3324+0.6129i	-0.3932+2.1813i	-2.2693+5.0384i	1.0875-0.5109i	-0.3866+1.6039i	3.0510+7.4391i
66.6	-0.1063-1.0180i	13.8672-180.1539i	0.2632+0.5903i	-0.2951+2.0244i	-2.5497+5.1209i	0.9806-0.4905i	-0.2548+1.4687i	2.7654+7.3751i
66.7	-0.2229-0.9879i	1.4559-181.7290i	0.2570+0.6004i	-0.1244+1.8029i	-2.4753+5.4969i	0.8944-0.4354i	-0.0871+1.1963i	2.6277+7.2835i
66.8	-0.2438-0.8927i	-2.6109-172.6993i	0.3905+0.4961i	-0.0255+1.5204i	-1.7652+5.3911i	0.9279-0.4069i	-0.0404+0.9579i	3.0684+7.0718i
66.9	-0.3010-0.7881i	-8.6354-170.5722i	0.3915+0.4098i	0.0836+1.0816i	-1.3762+5.4921i	0.8742-0.4174i	-0.0168+0.5828i	3.2396+6.8156i
67.0	-0.4039-0.8365i	-16.4635-176.1037i	0.3250+0.4044i	0.1526+1.0633i	-1.6998+5.6328i	0.7497-0.4052i	0.1005+0.5295i	2.8273+6.6923i
67.1	-0.4139-0.8248i	-24.0111-173.1126i	0.3452+0.2959i	0.1659+0.9493i	-1.2967+5.4651i	0.7293-0.4095i	0.0873+0.4128i	2.9942+6.3943i
67.2	-0.4060-0.8046i	-28.5663-167.0656i	0.3924+0.2146i	0.0879+0.7456i	-0.8467+5.3870i	0.7034-0.4178i	0.0263+0.2425i	3.2405+6.1497i
67.3	-0.4250-0.7341i	-32.6058-159.2678i	0.4260+0.1945i	0.1726+0.6644i	-0.4069+5.4652i	0.6745-0.3489i	0.1032+0.1615i	3.4252+6.0848i
67.4	-0.4416-0.7338i	-39.6599-159.0976i	0.3533+0.1719i	0.0785+0.6302i	-0.3435+5.4769i	0.5875-0.3185i	-0.0073+0.1172i	3.2967+6.0494i
67.5	-0.5089-0.6595i	-42.0216-155.7686i	0.3629+0.1439i	0.0255+0.4578i	-0.1311+5.4005i	0.5934-0.2629i	-0.0542-0.0537i	3.2847+5.8710i
67.6	-0.4289-0.5333i	-42.3850-146.4487i	0.4630+0.1570i	-0.0928+0.3468i	0.4487+5.2240i	0.7019-0.1728i	-0.2303-0.1153i	3.5381+5.7625i
67.7	-0.4100-0.5835i	-44.9971-146.8577i	0.3951+0.1117i	-0.1823+0.3450i	0.4199+5.1415i	0.6490-0.1688i	-0.3038-0.1193i	3.3773+5.7642i
67.8	-0.4513-0.6030i	-49.6877-144.5258i	0.2374+0.0683i	-0.3556+0.3291i	0.3094+4.9881i	0.5597-0.1330i	-0.4616-0.1177i	3.0978+5.6005i
67.9	-0.3788-0.6481i	-49.3184-142.2473i	0.1957+0.0064i	-0.4684+0.4554i	0.4191+4.6440i	0.5251-0.1878i	-0.5639-0.0199i	3.0188+5.3441i
68.0	-0.4130-0.6506i	-50.3235-138.9756i	0.2424+0.0022i	-0.4031+0.3887i	0.6836+4.6146i	0.6328-0.1405i	-0.4991-0.0501i	3.2780+5.4098i
68.1	-0.4815-0.5835i	-57.3154-133.0758i	0.1424+0.1015i	-0.3790+0.5319i	0.7437+4.7085i	0.5564-0.0748i	-0.5252+0.0685i	3.2357+5.5225i
68.2	-0.4696-0.5648i	-61.2001-126.0751i	0.1193+0.1135i	-0.4483+0.5912i	0.9897+4.5773i	0.5635-0.0553i	-0.6007+0.1392i	3.3548+5.4519i
68.3	-0.4498-0.5957i	-61.8224-123.4757i	0.1445+0.0645i	-0.4305+0.5967i	1.2181+4.3432i	0.5847-0.0291i	-0.5970+0.1338i	3.4811+5.3944i
68.4	-0.4589-0.6132i	-64.0769-123.1368i	0.0897+0.0448i	-0.4046+0.6246i	1.1844+4.0777i	0.5678-0.0026i	-0.5701+0.1758i	3.3875+5.2922i
68.5	-0.4040-0.6423i	-61.7033-122.1964i	0.1261-0.0426i	-0.4381+0.5302i	1.3036+3.6804i	0.6518+0.0004i	-0.5944+0.1259i	3.4052+5.0841i
68.6	-0.4410-0.6418i	-59.1183-114.4900i	0.0467-0.0321i	-0.4591+0.5958i	1.2154+3.3670i	0.6694-0.0353i	-0.6293+0.2103i	3.3558+4.8937i

68.7	-0.5643-0.6141i	-60.6887-111.4883i	-0.0141+0.0206i	-0.4095+0.7012i	1.0882+3.2940i	0.6271-0.0628i	-0.5861+0.3300i	3.3771+4.8791i
68.8	-0.6254-0.5767i	-64.3182-107.8553i	-0.0192+0.0728i	-0.2978+0.6283i	1.2168+3.3470i	0.6413-0.0032i	-0.4913+0.2364i	3.6302+4.9479i
68.9	-0.5768-0.5633i	-62.8976-106.8758i	-0.0083+0.0237i	-0.2834+0.5526i	1.2356+3.0153i	0.6780-0.0199i	-0.4731+0.1983i	3.6343+4.7355i
69.0	-0.5085-0.5704i	-60.6335-104.7178i	0.0757-0.0588i	-0.2318+0.5511i	1.4977+2.6808i	0.7190-0.0930i	-0.4124+0.2238i	3.9283+4.4075i
69.1	-0.6125-0.5361i	-64.2994-103.6324i	0.0471+0.0181i	-0.2469+0.6210i	1.3919+2.7201i	0.7582-0.1164i	-0.4103+0.2917i	4.1275+4.4709i
69.2	-0.6704-0.5810i	-64.2275-100.3770i	-0.0684+0.0369i	-0.2179+0.6471i	0.9731+2.4708i	0.7233-0.0503i	-0.3913+0.3205i	3.7671+4.4511i
69.3	-0.5806-0.5686i	-63.6009-96.5861i	-0.0254-0.0437i	-0.1726+0.5565i	1.2882+2.1297i	0.7209-0.1317i	-0.3891+0.2591i	4.0171+3.9959i
69.4	-0.7220-0.6832i	-63.2260-97.4881i	-0.1322-0.2000i	-0.1064+0.4301i	0.8742+1.5891i	0.6597-0.2247i	-0.2613+0.1469i	3.8425+3.4159i
69.5	-0.7176-0.5082i	-59.2928-90.7331i	0.0134-0.0749i	-0.0638+0.3967i	1.1139+1.8452i	0.8004-0.1450i	-0.2067+0.0970i	4.1862+3.5315i
69.6	-0.5848-0.4228i	-58.2101-91.4148i	0.1512-0.1702i	-0.0515+0.3262i	1.5047+1.5757i	0.8449-0.2278i	-0.2272+0.0493i	4.4460+3.1272i
69.7	-0.7691-0.5278i	-66.7874-90.7819i	-0.2833-0.1695i	-0.1243+0.3323i	0.3128+1.2894i	0.5953-0.1987i	-0.2419+0.0726i	3.4055+2.9952i
69.8	-0.8225-0.4403i	-65.5733-85.1045i	-0.2890+0.0010i	-0.0871+0.3076i	0.2311+1.6431i	0.6538-0.0942i	-0.2502+0.0279i	3.5150+3.3174i
69.9	-0.7226-0.5108i	-63.8906-85.8079i	-0.2123-0.1481i	-0.1116+0.1641i	0.4456+1.2518i	0.6970-0.1604i	-0.2974-0.0835i	3.6174+2.9082i
70.0	-0.7306-0.4950i	-61.3341-82.2921i	-0.0834-0.1369i	-0.0312+0.2000i	0.5673+1.1294i	0.7952-0.2016i	-0.2093-0.0375i	3.9306+2.6993i
70.1	-0.8410-0.5079i	-63.3728-80.3534i	-0.2113-0.1490i	-0.0991+0.1280i	0.2781+1.0325i	0.7885-0.2075i	-0.2621-0.0751i	3.7595+2.6194i
70.2	-0.7931-0.4863i	-61.3045-78.7764i	-0.1131-0.2470i	-0.1289+0.0795i	0.6224+0.7484i	0.8576-0.2928i	-0.2827-0.0942i	4.0390+2.1731i
70.3	-0.8640-0.4149i	-61.3786-75.2327i	-0.1566-0.1760i	-0.1205+0.1371i	0.3703+0.8742i	0.9088-0.3065i	-0.2622-0.0711i	4.1186+2.2172i
70.4	-0.8555-0.5122i	-60.7565-75.4122i	-0.2261-0.4078i	-0.1114+0.0520i	0.2308+0.1795i	0.8746-0.4821i	-0.2368-0.0830i	4.0099+1.4431i
70.5	-0.8589-0.6169i	-59.0273-79.3332i	-0.2967-0.6719i	-0.0452-0.1077i	-0.0384-0.6963i	0.8188-0.6830i	-0.1754-0.2499i	3.6872+0.4008i
70.6	-0.8910-0.4251i	-59.4683-75.5737i	-0.2190-0.4701i	-0.0316-0.1484i	0.1096-0.0815i	0.8791-0.6092i	-0.1604-0.2775i	3.9961+0.7936i
70.7	-0.9986-0.4413i	-60.9936-73.0266i	-0.4639-0.4897i	-0.1545-0.1302i	-0.6105-0.2952i	0.7141-0.6401i	-0.2396-0.2360i	3.1447+0.6241i
70.8	-1.2345-0.4026i	-66.6161-70.0302i	-0.8967-0.4402i	-0.3112-0.1738i	-1.8203-0.3473i	0.5109-0.5894i	-0.3435-0.3031i	2.0642+0.6327i
70.9	-1.1684-0.3383i	-64.9146-70.3966i	-0.7851-0.4562i	-0.3249-0.2446i	-1.4592-0.3303i	0.5940-0.6996i	-0.3780-0.3809i	2.5175+0.2880i
71.0	-1.1592-0.3137i	-62.7702-69.2831i	-0.8072-0.4597i	-0.3291-0.3323i	-1.5713-0.3360i	0.5974-0.7268i	-0.3606-0.4326i	2.4831+0.1829i
71.1	-1.2713-0.1784i	-62.6610-66.4065i	-1.0437-0.1615i	-0.3960-0.3469i	-2.3959+0.3733i	0.4410-0.4664i	-0.3681-0.4899i	1.5950+1.0730i
71.2	-1.3025-0.1414i	-62.9063-65.3297i	-1.1413-0.1657i	-0.3814-0.3989i	-2.7421+0.1885i	0.3613-0.5589i	-0.3476-0.5176i	1.1804+0.6336i
71.3	-1.2528-0.0781i	-64.7991-61.4712i	-1.1442-0.1504i	-0.4662-0.4400i	-2.7278+0.2913i	0.3941-0.5891i	-0.4468-0.5513i	1.1795+0.6123i
71.4	-1.2649-0.0438i	-62.6577-59.8105i	-1.2006-0.1113i	-0.4788-0.4291i	-2.8749+0.3151i	0.3895-0.5929i	-0.4346-0.5494i	1.1432+0.6706i
71.5	-1.2621-0.0193i	-60.5748-60.9859i	-1.2120-0.1567i	-0.5742-0.4216i	-2.8639-0.0189i	0.3916-0.7340i	-0.5373-0.5316i	1.0944+0.1768i
71.6	-1.2971+0.1421i	-63.0918-57.5660i	-1.1828+0.0420i	-0.6904-0.5051i	-2.9282+0.6705i	0.4539-0.6679i	-0.6555-0.6799i	1.3038+0.6845i
71.7	-1.3354+0.2509i	-63.8048-53.8515i	-1.3024+0.3328i	-0.8777-0.5229i	-3.4044+1.4253i	0.4039-0.4564i	-0.7987-0.7334i	0.7884+1.5615i
71.8	-1.3238+0.3303i	-61.0937-52.7379i	-1.3223+0.4602i	-0.9800-0.5339i	-3.4728+1.8095i	0.4095-0.4158i	-0.9115-0.7229i	0.7318+1.7520i
71.9	-1.3132+0.3108i	-60.7768-50.7197i	-1.3696+0.3693i	-1.0514-0.5715i	-3.6153+1.4452i	0.4061-0.5264i	-0.9575-0.7484i	0.7126+1.4101i
72.0	-1.3118+0.3201i	-62.0275-50.2340i	-1.4383+0.3700i	-1.1077-0.5671i	-3.8687+1.2235i	0.3561-0.5653i	-1.0215-0.7295i	0.4591+1.2485i
72.1	-1.3419+0.4200i	-58.4439-47.5580i	-1.4677+0.6018i	-1.2388-0.5451i	-4.0425+1.7727i	0.3390-0.5019i	-1.1461-0.7269i	0.3532+1.5731i
72.2	-1.3355+0.4506i	-57.9862-47.9144i	-1.5619+0.6436i	-1.3646-0.6373i	-4.3290+1.8328i	0.3062-0.4851i	-1.2673-0.8336i	0.0609+1.6777i
72.3	-1.3237+0.5470i	-59.4029-47.7915i	-1.5790+0.7928i	-1.5305-0.4995i	-4.5339+2.2240i	0.2458-0.5105i	-1.3863-0.7475i	-0.1968+1.7698i
72.4	-1.3172+0.6571i	-57.3369-45.7077i	-1.5330+0.9342i	-1.5754-0.3806i	-4.5882+2.6117i	0.2891-0.5072i	-1.4610-0.6596i	-0.0420+1.9969i
72.5	-1.2652+0.7170i	-57.0347-43.3165i	-1.4183+1.0493i	-1.7400-0.3901i	-4.1373+2.9471i	0.4194-0.4570i	-1.6634-0.6575i	0.3654+2.2418i
72.6	-1.2337+0.7941i	-56.7456-41.4164i	-1.3250+1.1615i	-1.7423-0.3938i	-3.9487+3.2271i	0.4722-0.4172i	-1.6669-0.6142i	0.5771+2.3983i
72.7	-1.2693+0.7689i	-54.2828-43.0364i	-1.4157+1.1470i	-1.8513-0.2843i	-4.2793+3.1002i	0.3903-0.4470i	-1.7087-0.5395i	0.2618+2.3698i
72.8	-1.1367+0.8395i	-53.1587-42.5910i	-1.2999+1.1777i	-1.9287-0.0977i	-4.0637+3.0113i	0.3826-0.5673i	-1.7858-0.3749i	0.3203+2.0933i
72.9	-1.1209+0.9733i	-52.8608-39.5315i	-1.2496+1.3501i	-1.9886+0.0045i	-4.0125+3.5429i	0.4257-0.5501i	-1.9290-0.2968i	0.5229+2.3041i
73.0	-1.1288+1.0216i	-50.5960-39.0965i	-1.2774+1.4031i	-2.0200+0.0617i	-4.1223+3.5580i	0.4489-0.5611i	-2.0136-0.2862i	0.5142+2.3066i
73.1	-1.0562+1.0615i	-50.3394-39.1252i	-1.2330+1.4985i	-2.0863+0.1869i	-4.1962+3.7346i	0.3274-0.5856i	-2.0293-0.1129i	0.1578+2.3907i
73.2	-0.9239+1.1749i	-50.9133-37.7196i	-1.1044+1.6118i	-2.1760+0.4553i	-4.0363+4.0474i	0.3104-0.6656i	-2.1197+0.1237i	0.3129+2.2957i
73.3	-0.8932+1.2835i	-49.0654-36.9531i	-1.0982+1.7471i	-2.3914+0.4911i	-4.2411+4.2686i	0.3035-0.7067i	-2.2357+0.1626i	0.2465+2.3205i
73.4	-0.8931+1.4265i	-50.1857-37.8398i	-1.0734+1.9937i	-2.5059+0.4892i	-4.4032+5.0948i	0.3410-0.5610i	-2.2915+0.1229i	0.2772+3.0533i
73.5	-0.7537+1.3955i	-49.2891-36.8518i	-0.8847+1.9606i	-2.4443+0.7759i	-4.1450+4.9673i	0.3203-0.6989i	-2.2720+0.4224i	0.4353+2.7888i
73.6	-0.6452+1.4246i	-48.7645-37.0286i	-0.7930+2.0012i	-2.4811+0.9909i	-4.0246+5.0529i	0.3301-0.7412i	-2.3559+0.6070i	0.5384+2.7812i
73.7	-0.5453+1.4090i	-47.5592-37.0208i	-0.6962+1.9866i	-2.3820+0.9768i	-3.9049+5.4056i	0.2641-0.6775i	-2.3238+0.6546i	0.4647+2.9433i
73.8	-0.4917+1.4694i	-47.8886-34.5607i	-0.5870+2.0625i	-2.4975+1.1251i	-3.8543+5.5918i	0.3022-0.7282i	-2.3793+0.7873i	0.7041+2.9487i
73.9	-0.5066+1.4912i	-48.2000-33.5292i	-0.6396+2.1554i	-2.4874+1.3553i	-4.1247+5.8804i	0.2442-0.6784i	-2.4565+0.9226i	0.4714+3.1498i
74.0	-0.4602+1.4760i	-47.2245-35.4734i	-0.6086+2.1512i	-2.5821+1.6042i	-4.2138+6.0858i	0.2263-0.6801i	-2.5175+1.0443i	0.3722+3.2750i
74.1	-0.2985+1.4555i	-47.0736-34.0807i	-0.3949+2.0633i	-2.4550+1.7269i	-3.6646+5.9887i	0.2405-0.8336i	-2.4111+1.3123i	0.7716+2.7863i
74.2	-0.1529+1.4352i	-46.2276-33.5772i	-0.2306+2.0403i	-2.4778+1.8394i	-3.2278+6.2242i	0.2173-0.8781i	-2.3658+1.5114i	0.9277+2.5988i
74.3	-0.0796+1.5007i	-44.5586-33.7697i	-0.1643+2.1230i	-2.5413+2.2017i	-3.2023+6.6384i	0.2088-0.8835i	-2.4247+1.7285i	0.8906+2.7619i
74.4	-0.0485+1.5193i	-43.8752-32.9454i	-0.1319+2.1447i	-2.4353+2.3613i	-3.2234+6.7685i	0.1448-0.9455i	-2.2800+1.8958i	0.7605+2.6947i
74.5	-0.0122+1.3862i	-43.5763-33.4631i	-0.1695+1.9427i	-2.3261+2.3958i	-3.1850+6.3739i	0.0805-0.9859i	-2.1494+1.9656i	0.5306+2.3864i
74.6	0.0045+1.4799i	-43.0376-33.3626i	-0.2286+2.1828i	-2.2269+2.6195i	-3.4533+7.0828i	-0.0270-0.9200i	-2.1161+2.1372i	0.1582+2.8076i
74.7	0.0728+1.4484i	-43.3299-30.7781i	-0.1780+2.0851i	-2.1269+2.7079i	-3.0581+6.9109i	0.0041-1.0145i	-2.0334+2.2275i	0.3295+2.5203i
74.8	0.1891+1.4222i	-42.7887-30.5098i	-0.1092+2.0806i	-2.0602+2.8894i	-2.7891+6.9562i	-0.0399-1.0831i	-1.9500+2.4129i	0.3507+2.3806i
74.9	0.2707+1.4866i	-41.8756-31.4268i	0.0071+2.1844i	-1.9769+3.0558i	-2.4754+7.4949i	-0.0057-1.0811i	-1.8954+2.5749i	0.4780+2.6558i

75.0	0.2729+1.3981i	-43.1044-31.0366i	-0.1046+2.1359i	-1.9328+3.0646i	-2.7862+7.2763i	-0.1264-1.1102i	-1.8283+2.5794i	0.0478+2.5458i
75.1	0.3410+1.3362i	-43.4141-29.8968i	-0.0719+2.1868i	-1.6561+3.1582i	-2.6236+7.5794i	-0.3046-1.0185i	-1.5449+2.6796i	-0.2555+2.7359i
75.2	0.4675+1.4545i	-41.5394-29.5619i	0.1944+2.3446i	-1.5153+3.4582i	-1.8156+8.1152i	-0.1887-1.0749i	-1.4373+2.9379i	0.4134+3.0857i
75.3	0.5671+1.4151i	-42.6813-29.0452i	0.3586+2.4230i	-1.3144+3.6769i	-1.4589+8.4456i	-0.2854-1.0675i	-1.2383+3.1143i	0.3336+3.2962i
75.4	0.5936+1.3517i	-43.5804-28.1875i	0.3372+2.4233i	-1.1595+3.6751i	-1.4954+8.3413i	-0.3777-1.0593i	-1.0988+3.1212i	0.0408+3.2278i
75.5	0.6295+1.2990i	-41.2563-28.8014i	0.2613+2.3771i	-1.1740+3.6630i	-1.8105+7.9613i	-0.4713-1.1546i	-1.0815+3.1375i	-0.3633+2.9679i
75.6	0.7099+1.2749i	-41.1373-28.5771i	0.3848+2.4724i	-0.9498+3.7254i	-1.3701+8.3413i	-0.5635-1.0085i	-0.8813+3.1348i	-0.2731+3.4040i
75.7	0.8069+1.2708i	-41.8976-29.5540i	0.4309+2.5706i	-0.8030+4.0221i	-1.5466+8.4894i	-0.7504-1.1101i	-0.7289+3.4447i	-0.6741+3.3872i
75.8	0.8371+1.1227i	-42.8022-29.7980i	0.4455+2.4273i	-0.5836+3.9816i	-1.6054+8.0429i	-0.9164-1.0963i	-0.4838+3.4230i	-1.0110+3.2196i
75.9	0.9597+1.0320i	-42.5920-28.0876i	0.6738+2.4130i	-0.2591+4.0713i	-1.0092+8.1502i	-0.9482-1.0502i	-0.1868+3.5008i	-0.7167+3.4926i
76.0	1.0098+1.0681i	-40.3044-26.8892i	0.7416+2.5641i	-0.1694+4.2008i	-0.9592+8.7183i	-0.9797-1.0162i	-0.1406+3.5937i	-0.6789+3.9769i
76.1	1.0224+0.9815i	-39.6253-26.3999i	0.7671+2.5416i	0.0101+4.2554i	-1.0350+8.5022i	-1.1218-1.0187i	0.0704+3.6400i	-0.8614+3.8669i
76.2	1.0328+0.9285i	-39.5790-26.6700i	0.8102+2.5299i	0.1487+4.3114i	-1.0999+8.4998i	-1.1964-0.9839i	0.2234+3.6769i	-0.9316+4.0672i
76.3	1.0821+0.8845i	-39.9550-26.4316i	0.9804+2.5534i	0.3570+4.2925i	-0.7846+8.6551i	-1.1922-0.8767i	0.3995+3.6457i	-0.6459+4.3762i
76.4	1.2048+0.7534i	-40.6156-25.9187i	1.1814+2.4430i	0.7841+4.2107i	-0.1840+8.5251i	-1.2821-0.7672i	0.7774+3.5722i	-0.3449+4.3023i
76.5	1.2015+0.6714i	-41.7762-25.0375i	1.2168+2.5692i	0.8923+4.3374i	-0.4229+9.0541i	-1.3446-0.6357i	0.8900+3.6158i	-0.5697+4.9735i
76.6	1.1109+0.6037i	-40.1276-25.2823i	1.2576+2.6030i	1.0632+4.3405i	-0.5872+9.4198i	-1.4389-0.5407i	1.0795+3.5755i	-0.7356+5.3406i
76.7	1.1862+0.5556i	-40.6312-23.4863i	1.4906+2.4853i	1.3994+4.2099i	0.1811+9.4636i	-1.4372-0.4451i	1.3578+3.4256i	-0.2136+5.4498i
76.8	1.1708+0.4858i	-40.0848-22.5322i	1.5920+2.4498i	1.5837+3.9908i	0.4268+9.7042i	-1.3885-0.2393i	1.5262+3.2050i	-0.0257+5.9114i
76.9	1.1566+0.3832i	-39.6166-22.5625i	1.6403+2.4196i	1.8361+3.9097i	0.3051+10.0148i	-1.5593-0.0617i	1.7921+3.1180i	-0.2503+6.2642i
77.0	1.1421+0.2590i	-39.1905-21.6515i	1.6289+2.2813i	2.0137+3.7964i	0.3166+9.6926i	-1.6352-0.0219i	1.9704+2.9949i	-0.2584+5.9968i
77.1	1.1298+0.2159i	-39.1588-20.6640i	1.6640+2.3341i	2.1249+3.8188i	0.3117+10.1508i	-1.6347+0.0544i	2.0666+2.9685i	-0.1933+6.4014i
77.2	1.0711+0.2192i	-39.6277-21.2877i	1.7868+2.4583i	2.3639+3.6430i	0.5978+11.1880i	-1.6489+0.3715i	2.2588+2.7009i	-0.1221+7.4393i
77.3	1.0758+0.1555i	-38.5098-20.6080i	1.9255+2.3406i	2.5548+3.4685i	1.1820+11.1244i	-1.6018+0.4194i	2.4336+2.5219i	0.3708+7.4023i
77.4	1.0817+0.1213i	-39.1900-19.6628i	2.1181+2.3550i	2.6733+3.3138i	1.9281+11.6391i	-1.4566+0.6250i	2.4653+2.3375i	1.0231+7.9835i
77.5	1.0124+0.0798i	-39.4928-18.0672i	2.2046+2.2831i	2.7763+3.0985i	2.3796+11.8359i	-1.3882+0.7855i	2.5397+2.0922i	1.3126+8.2772i
77.6	1.0550+0.0289i	-38.1486-17.4142i	2.3461+2.2156i	2.9926+2.9811i	2.7968+11.9453i	-1.4167+0.8661i	2.7008+1.9723i	1.6083+8.2817i
77.7	0.9907-0.0009i	-36.9655-17.8228i	2.3247+2.2350i	2.9393+2.8944i	3.1072+12.2444i	-1.2823+0.9722i	2.5827+1.8269i	1.8527+8.7630i
77.8	0.9796-0.0337i	-37.2165-17.1417i	2.4695+2.1475i	3.0297+2.7668i	3.9823+12.3266i	-1.1167+1.0523i	2.5809+1.6894i	2.7452+9.0106i
77.9	0.9989-0.0495i	-37.9841-16.4746i	2.6489+2.1002i	3.1484+2.6734i	4.7958+12.2860i	-0.9837+1.0781i	2.6178+1.5985i	3.5665+8.9421i
78.0	0.9789-0.1327i	-35.5567-14.6320i	2.7891+1.9755i	3.2750+2.4260i	5.8413+12.3880i	-0.8303+1.2264i	2.6489+1.3340i	4.3285+9.0770i
78.1	0.9277-0.0842i	-34.6555-14.2049i	3.0018+2.0088i	3.2839+2.3727i	6.9939+12.4207i	-0.5487+1.2421i	2.5333+1.2888i	5.5392+9.2578i
78.2	0.8419-0.1296i	-34.8243-13.8226i	2.9697+1.8977i	3.2723+2.1996i	7.2322+12.0761i	-0.4806+1.2524i	2.4738+1.1265i	5.7111+9.0682i
78.3	0.8629-0.2226i	-33.1782-12.2043i	3.2193+1.7164i	3.4215+1.9409i	8.3964+12.0546i	-0.3151+1.3577i	2.5017+0.8617i	6.6057+9.0186i
78.4	0.8872-0.2464i	-34.0174-12.1419i	3.4607+1.4389i	3.5755+1.7087i	9.6903+11.1491i	-0.1337+1.2554i	2.5427+0.7937i	7.8398+8.1483i
78.5	0.8688-0.2611i	-34.4405-12.7766i	3.4944+1.2996i	3.5503+1.6223i	10.0017+10.2522i	-0.0668+1.1495i	2.4735+0.7822i	8.1581+7.3591i
78.6	0.8152-0.3085i	-33.7629-12.9358i	3.5528+1.0283i	3.4991+1.5318i	10.6978+9.2459i	0.0428+0.9899i	2.3446+0.7540i	8.7768+6.5507i
78.7	0.7739-0.3525i	-32.9980-11.3418i	3.5266+0.7895i	3.5031+1.3436i	10.9825+8.3479i	0.1320+0.8775i	2.3050+0.6700i	8.9698+5.8100i
78.8	0.7148-0.4170i	-31.3223-11.0240i	3.4758+0.4322i	3.4347+1.0549i	11.2382+6.8289i	0.2299+0.7211i	2.2582+0.5696i	9.0970+4.5529i
78.9	0.7132-0.5474i	-32.0513-9.6070i	3.4782-0.0771i	3.4598+0.5870i	11.6861+5.1811i	0.2689+0.6939i	2.2822+0.2694i	9.1469+3.0287i
79.0	0.4845-0.5058i	-27.2310-4.4111i	2.7674-0.0816i	2.7906+0.6938i	9.5843+4.3486i	0.2427+0.4782i	1.7659+0.4305i	7.2704+2.7726i
79.1	0.5547-0.3603i	-25.0928-7.7587i	3.0964+0.2159i	3.0426+1.0539i	10.3117+5.0903i	0.2365+0.3944i	1.9453+0.7749i	8.3517+3.3010i
79.2	0.5904-0.4087i	-25.8836-9.5917i	3.1786-0.0322i	3.1539+0.9248i	10.5150+4.1481i	0.2135+0.2505i	2.0981+0.7895i	8.4980+2.3344i
79.3	0.5431-0.4447i	-25.6109-9.7739i	3.0145-0.3538i	3.2370+0.7507i	9.9504+2.8011i	0.0988+0.0949i	2.2286+0.7455i	7.8830+1.1521i
79.4	0.4465-0.4744i	-23.8953-9.2225i	2.8232-0.4097i	3.2277+0.6394i	9.3680+2.3956i	0.0384+0.0889i	2.2759+0.6917i	7.2965+0.8819i
79.5	0.4116-0.4368i	-24.3717-9.8265i	2.6968-0.3091i	3.2509+0.6291i	8.5241+2.4350i	-0.1216+0.1060i	2.4048+0.6913i	6.5263+0.8495i
79.6	0.3783-0.4453i	-24.7271-8.9001i	2.6347-0.4749i	3.2579+0.4753i	8.1590+2.0854i	-0.1655+0.1023i	2.4901+0.5728i	6.0605+0.5480i
79.7	0.3585-0.4049i	-23.2654-8.2314i	2.5621-0.5807i	3.1355+0.3182i	8.0995+1.3695i	-0.1207+0.0665i	2.4430+0.4710i	5.9830+0.0993i
79.8	0.3375-0.3807i	-22.5430-9.1158i	2.4299-0.5273i	3.1553+0.2610i	7.2761+1.5027i	-0.2984+0.0697i	2.5537+0.4096i	5.2870+0.3203i
79.9	0.2831-0.3585i	-20.4810-10.5062i	2.3255-0.4953i	3.2181+0.2254i	6.6758+1.7513i	-0.4330+0.0948i	2.6381+0.3089i	4.8114+0.6439i
80.0	0.3009-0.3073i	-21.5639-11.4740i	2.4111-0.4598i	3.1231+0.2362i	6.9637+1.8838i	-0.3246+0.0836i	2.6077+0.2779i	5.2366+0.9080i

2.1.9 Run 1 – IP000-200 – Accels 17–24

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-2.6782+0.0000i	1.1103+0.0000i	12.5375+0.0000i	11.1444+0.0000i	5.4990+0.0000i	6.9312+0.0000i	6.2653+0.0000i	10.0367+0.0000i
0.1	-0.8427-0.2747i	2.9741+0.0006i	-0.4097+0.5727i	-2.8983-3.8917i	-1.4666-0.3238i	-7.0045-4.5357i	-0.5196+0.7822i	0.9752-1.3638i
0.2	-1.1673-2.1759i	-0.9310-1.3256i	-0.3475+1.6485i	0.4274+1.2771i	-0.8709+0.1303i	-0.3053+1.2160i	-0.4951-0.3841i	-0.1506+0.0175i
0.3	-0.5045-0.2877i	0.3504-0.1271i	-0.6586-0.3433i	2.3818+0.3968i	0.4838-0.8741i	1.4725+1.1886i	0.3624+0.1319i	0.6188+0.3842i
0.4	-0.4241+0.2756i	0.1937+0.3795i	0.6401-0.1945i	-0.8981-0.0266i	0.6035-0.1188i	-1.4589+0.0235i	0.0769-0.1692i	0.0231+0.0880i
0.5	0.4317-0.2418i	-0.4558-0.3019i	-0.1878+0.5095i	0.3212+1.1510i	0.3829-0.0775i	-0.4680+0.3806i	-0.6095-0.1421i	0.0121-0.0933i
0.6	0.0863-0.5230i	-0.1174+0.0058i	-0.1139-0.4375i	-0.8022-0.6885i	0.0012-0.4026i	-0.9383+0.7195i	-0.2192-0.2830i	-0.1201-0.1677i
0.7	-0.1201-0.2234i	0.0240-0.0069i	0.4016+0.0562i	-0.9332-0.6175i	-0.1031-0.0029i	-0.5110-0.4446i	0.0620-0.1358i	-0.0205-0.0574i
0.8	-0.1463+0.0644i	-0.0095-0.0072i	-0.0903+0.0870i	-0.0609+0.0595i	-0.0755+0.0008i	0.0798-0.0014i	-0.0902+0.0768i	0.0206+0.0146i
0.9	-0.0960-0.0362i	0.0209+0.0024i	0.0058-0.0338i	-0.0910-0.2645i	0.0251-0.0606i	-0.0380-0.1660i	-0.1488-0.0347i	-0.0008-0.0057i
1.0	-0.1112+0.0117i	-0.0092-0.0374i	0.0078+0.0461i	-0.0947-0.0210i	0.0023-0.0675i	0.0538+0.0195i	-0.0893-0.0304i	0.0288-0.0579i
1.1	-0.1820-0.0372i	-0.0307-0.0175i	0.0687+0.0288i	-0.1222-0.0462i	-0.0535-0.0725i	0.0020-0.0283i	-0.1291-0.0097i	-0.0463-0.0214i
1.2	-0.1889-0.0015i	-0.0352+0.0227i	0.0439-0.0156i	-0.1391+0.0433i	-0.0565+0.0853i	0.0733+0.0153i	-0.1417-0.0296i	-0.0556+0.0420i
1.3	-0.2072-0.0152i	0.0263+0.0027i	-0.0348-0.0236i	-0.1825-0.0146i	0.1638+0.0423i	0.0012+0.0091i	-0.2407-0.0155i	0.0816+0.0259i
1.4	-0.2291-0.0481i	0.0362-0.0094i	-0.0163+0.0117i	-0.2128-0.0304i	0.1622-0.0352i	0.0274+0.0008i	-0.2871-0.0129i	0.0887-0.0180i
1.5	-0.2112-0.1403i	0.0984-0.0757i	-0.0735+0.0607i	-0.1987-0.1200i	0.4962-0.4201i	0.0509-0.0034i	-0.4081+0.0562i	0.2822-0.2198i
1.6	-0.5466-0.1036i	-0.0245-0.0486i	0.0391+0.0422i	-0.4986-0.0609i	-0.3641-0.2789i	0.0513+0.0129i	-0.3403+0.0331i	-0.1988-0.1646i
1.7	-0.5991-0.0438i	0.0129-0.0197i	0.0096+0.0193i	-0.5665-0.0425i	-0.1118-0.0645i	0.0560-0.0079i	-0.4995-0.0072i	-0.0642-0.0436i
1.8	-0.7716-0.0276i	0.0333-0.0285i	0.0003+0.0272i	-0.7284-0.0155i	-0.0630-0.0504i	0.0820+0.0016i	-0.6792-0.0008i	-0.0394-0.0398i
1.9	-1.0160-0.0135i	0.0588-0.0552i	-0.0173+0.0647i	-0.9731-0.0054i	-0.0274-0.0515i	0.1039+0.0035i	-0.9201+0.0014i	-0.0211-0.0542i
2.0	-1.4617+0.0258i	0.0910-0.1234i	-0.0338+0.1393i	-1.4102+0.0219i	0.0015-0.0785i	0.1352-0.0012i	-1.3421+0.0211i	-0.0112-0.1032i
2.1	-2.2723+0.1896i	-0.0450-0.4715i	0.1683+0.5444i	-2.2286+0.1333i	-0.0229-0.2212i	0.2127-0.0149i	-2.1713+0.0768i	-0.1355-0.3627i
2.2	-4.4727+0.8579i	-0.6361+0.0628i	0.9743-0.1141i	-4.4903+0.8703i	-0.1821-0.0290i	0.3559-0.0369i	-4.5071+0.9398i	-0.6602+0.0547i
2.3	-0.9883+14.4158i	0.1363+0.7515i	-0.1308-1.5702i	-0.8019+14.3184i	-0.0751-0.1035i	0.1255-1.1072i	-0.6517+14.2406i	-0.0078+1.1044i
2.4	4.6860+1.6069i	0.1277+0.0057i	-0.3579-0.0746i	4.6906+1.5444i	-0.1584-0.0228i	-0.2672-0.1235i	4.6413+1.5024i	0.2349+0.0728i
2.5	2.7489+0.5925i	0.0246-0.0136i	-0.1501-0.0090i	2.7254+0.5430i	-0.1331-0.0114i	-0.1516-0.0360i	2.7018+0.5296i	0.0999+0.0172i
2.6	2.0017+0.3157i	-0.0021-0.0116i	-0.0767-0.0013i	1.9895+0.2881i	-0.1158-0.0097i	-0.0904-0.0171i	1.9711+0.2743i	0.0496+0.0048i
2.7	1.6095+0.2267i	-0.0134-0.0117i	-0.0449+0.0039i	1.5979+0.2102i	-0.1036-0.0073i	-0.0605-0.0158i	1.5802+0.1972i	0.0290+0.0012i
2.8	1.3705+0.1724i	-0.0171-0.0094i	-0.0249+0.0028i	1.3590+0.1694i	-0.0975-0.0052i	-0.0342-0.0105i	1.3460+0.1472i	0.0188+0.0011i
2.9	1.2066+0.1459i	-0.0174-0.0056i	-0.0140+0.0022i	1.1982+0.1415i	-0.0885-0.0039i	-0.0211-0.0076i	1.1819+0.1256i	0.0149+0.0017i
3.0	1.0909+0.1214i	-0.0191-0.0061i	-0.0069+0.0022i	1.0815+0.1144i	-0.0861-0.0032i	-0.0053-0.0081i	1.0677+0.1042i	0.0092+0.0007i
3.1	1.0059+0.1108i	-0.0184-0.0048i	-0.0006-0.0009i	0.9987+0.1022i	-0.0835-0.0040i	0.0071-0.0073i	0.9835+0.0963i	0.0061+0.0014i
3.2	0.9449+0.1001i	-0.0190-0.0044i	0.0049-0.0001i	0.9343+0.0962i	-0.0799-0.0036i	0.0178-0.0055i	0.9200+0.0869i	0.0039-0.0000i
3.3	0.8974+0.0938i	-0.0196-0.0037i	0.0099-0.0021i	0.8836+0.0876i	-0.0779-0.0043i	0.0263-0.0065i	0.8720+0.0817i	0.0030-0.0009i
3.4	0.8540+0.0836i	-0.0207-0.0040i	0.0168-0.0008i	0.8427+0.0785i	-0.0754-0.0033i	0.0377-0.0068i	0.8277+0.0735i	0.0014+0.0003i
3.5	0.8211+0.0758i	-0.0204-0.0037i	0.0200-0.0008i	0.8102+0.0689i	-0.0733-0.0032i	0.0485-0.0057i	0.7922+0.0641i	0.0001+0.0005i
3.6	0.7947+0.0755i	-0.0224-0.0065i	0.0238+0.0007i	0.7819+0.0695i	-0.0744-0.0010i	0.0584-0.0047i	0.7662+0.0645i	-0.0016-0.0004i
3.7	0.7683+0.0703i	-0.0186-0.0042i	0.0245-0.0026i	0.7478+0.0648i	-0.0734-0.0051i	0.0688-0.0054i	0.7379+0.0629i	-0.0026-0.0005i
3.8	0.7508+0.0675i	-0.0210-0.0020i	0.0304-0.0030i	0.7274+0.0622i	-0.0710-0.0038i	0.0799-0.0070i	0.7154+0.0604i	-0.0028-0.0009i
3.9	0.7332+0.0661i	-0.0217-0.0019i	0.0351-0.0016i	0.7093+0.0578i	-0.0716-0.0041i	0.0934-0.0065i	0.6963+0.0604i	-0.0038-0.0002i
4.0	0.7247+0.0639i	-0.0198-0.0042i	0.0357+0.0033i	0.6937+0.0627i	-0.0700-0.0034i	0.1037+0.0009i	0.6813+0.0555i	-0.0037+0.0002i
4.1	0.7059+0.0653i	-0.0192-0.0018i	0.0353-0.0023i	0.6783+0.0552i	-0.0674-0.0015i	0.1132-0.0045i	0.6629+0.0555i	-0.0024+0.0005i
4.2	0.6931+0.0610i	-0.0230-0.0031i	0.0442-0.0023i	0.6622+0.0563i	-0.0683-0.0036i	0.1297+0.0026i	0.6474+0.0567i	-0.0055+0.0009i
4.3	0.6966+0.0646i	-0.0201-0.0036i	0.0478-0.0021i	0.6562+0.0570i	-0.0672-0.0053i	0.1340-0.0020i	0.6439+0.0554i	-0.0032-0.0020i
4.4	0.6802+0.0706i	-0.0200-0.0058i	0.0529+0.0068i	0.6485+0.0663i	-0.0673-0.0065i	0.1516-0.0042i	0.6284+0.0640i	-0.0037-0.0022i
4.5	0.6894+0.0723i	-0.0265-0.0032i	0.0592+0.0033i	0.6482+0.0700i	-0.0755-0.0066i	0.1566-0.0023i	0.6295+0.0657i	-0.0084-0.0017i
4.6	0.6807+0.0694i	-0.0242-0.0045i	0.0616-0.0015i	0.6243+0.0690i	-0.0693-0.0045i	0.1791-0.0088i	0.6169+0.0636i	-0.0075-0.0014i
4.7	0.6813+0.0706i	-0.0259-0.0012i	0.0715+0.0001i	0.6282+0.0645i	-0.0670-0.0055i	0.1956-0.0015i	0.6107+0.0658i	-0.0080-0.0004i
4.8	0.6760+0.0723i	-0.0261-0.0036i	0.0745+0.0018i	0.6250+0.0699i	-0.0672-0.0078i	0.2058-0.0070i	0.5996+0.0668i	-0.0063-0.0019i
4.9	0.6831+0.0761i	-0.0245-0.0028i	0.0807-0.0017i	0.6218+0.0783i	-0.0686-0.0051i	0.2240-0.0026i	0.6036+0.0704i	-0.0067-0.0021i
5.0	0.6809+0.0785i	-0.0256-0.0054i	0.0815+0.0077i	0.6125+0.0767i	-0.0704-0.0031i	0.2455-0.0090i	0.5924+0.0715i	-0.0069-0.0003i
5.1	0.6817+0.0926i	-0.0226-0.0067i	0.0842+0.0029i	0.6101+0.0873i	-0.0652-0.0073i	0.2670-0.0097i	0.5865+0.0878i	-0.0079-0.0020i
5.2	0.6880+0.0920i	-0.0296-0.0054i	0.1033+0.0043i	0.6116+0.0991i	-0.0690-0.0053i	0.2887-0.0208i	0.5787+0.0906i	-0.0091-0.0020i
5.3	0.6929+0.1088i	-0.0292-0.0047i	0.1035+0.0041i	0.6004+0.1040i	-0.0689-0.0094i	0.3146-0.0227i	0.5817+0.0980i	-0.0106-0.0018i
5.4	0.7053+0.1191i	-0.0302-0.0055i	0.1106+0.0093i	0.6127+0.1264i	-0.0730-0.0054i	0.3309-0.0327i	0.5883+0.1209i	-0.0098-0.0023i
5.5	0.7178+0.1326i	-0.0319-0.0085i	0.1162+0.0082i	0.6022+0.1442i	-0.0747-0.0070i	0.3575-0.0448i	0.5815+0.1342i	-0.0122-0.0017i
5.6	0.7347+0.1481i	-0.0326-0.0074i	0.1276+0.0005i	0.6250+0.1589i	-0.0715-0.0093i	0.3878-0.0534i	0.5918+0.1543i	-0.0116-0.0014i

5.7	0.7721+0.1518i	-0.0335-0.0088i	0.1364+0.0058i	0.6353+0.1629i	-0.0700-0.0103i	0.4055-0.0589i	0.6108+0.1587i	-0.0064-0.0040i
5.8	0.7802+0.1748i	-0.0391-0.0101i	0.1501-0.0005i	0.6292+0.1890i	-0.0685-0.0135i	0.4440-0.0714i	0.6053+0.1865i	-0.0108-0.0035i
5.9	0.8374+0.1827i	-0.0415-0.0113i	0.1642-0.0037i	0.6876+0.2074i	-0.0741-0.0183i	0.4439-0.0784i	0.6527+0.2000i	-0.0116-0.0086i
6.0	0.8684+0.1838i	-0.0555-0.0117i	0.2024+0.0062i	0.7149+0.2081i	-0.0764-0.0174i	0.4623-0.0868i	0.6724+0.2067i	-0.0197-0.0068i
6.1	0.9340+0.1623i	-0.0586-0.0063i	0.2038-0.0032i	0.7508+0.1991i	-0.0805-0.0131i	0.4813-0.0867i	0.7093+0.1918i	-0.0214-0.0025i
6.2	0.9683+0.1775i	-0.0629-0.0019i	0.2266-0.0167i	0.7634+0.2063i	-0.0891-0.0080i	0.5212-0.0898i	0.7241+0.2036i	-0.0266+0.0022i
6.3	1.0172+0.1577i	-0.0661+0.0042i	0.2392-0.0379i	0.8059+0.1951i	-0.0904-0.0104i	0.5496-0.0899i	0.7494+0.1974i	-0.0281+0.0050i
6.4	1.0763+0.1523i	-0.0667+0.0124i	0.2540-0.0528i	0.8398+0.2031i	-0.0873-0.0040i	0.5981-0.0913i	0.7700+0.1960i	-0.0226+0.0110i
6.5	1.1511+0.1460i	-0.0680+0.0136i	0.2563-0.0625i	0.8644+0.2133i	-0.0890-0.0007i	0.6299-0.0902i	0.8102+0.2042i	-0.0186+0.0154i
6.6	1.2353+0.1169i	-0.0762+0.0163i	0.2887-0.0825i	0.9154+0.1907i	-0.0906-0.0048i	0.6985-0.0941i	0.8443+0.2009i	-0.0206+0.0166i
6.7	1.3720+0.0674i	-0.0770+0.0245i	0.3078-0.0949i	0.9959+0.1629i	-0.0928-0.0064i	0.7418-0.0909i	0.9209+0.1788i	-0.0173+0.0144i
6.8	1.4982-0.0059i	-0.0902+0.0394i	0.3355-0.1220i	1.0834+0.1238i	-0.0985+0.0033i	0.8056-0.1183i	0.9832+0.1583i	-0.0172+0.0198i
6.9	1.6892-0.1440i	-0.1046+0.0538i	0.3812-0.1664i	1.1816+0.0822i	-0.1093+0.0043i	0.8699-0.1424i	1.0764+0.1112i	-0.0220+0.0232i
7.0	1.8896-0.4868i	-0.1186+0.0806i	0.4029-0.2373i	1.2934-0.1034i	-0.1138+0.0143i	0.9287-0.1744i	1.1745-0.0264i	-0.0188+0.0260i
7.1	1.9081-1.1830i	-0.1156+0.1514i	0.3765-0.4006i	1.3524-0.4247i	-0.1196+0.0378i	1.0020-0.1990i	1.2326-0.2979i	-0.0195+0.0327i
7.2	1.0464-1.6237i	-0.0119+0.1942i	0.1267-0.4874i	0.9549-0.6992i	-0.0877+0.0698i	1.0612-0.1706i	0.9438-0.5282i	0.0082+0.0498i
7.3	0.6038-1.2110i	0.0485+0.1409i	0.0215-0.3316i	0.6973-0.5475i	-0.0621+0.0508i	1.2649-0.1835i	0.7154-0.4170i	0.0252+0.0318i
7.4	0.1857-1.0274i	0.0850+0.0981i	0.0020-0.1942i	0.4655-0.4377i	-0.0503+0.0342i	1.3164-0.3765i	0.5205-0.3368i	0.0221-0.0011i
7.5	0.2151-0.4269i	0.0585+0.0416i	0.1057-0.1011i	0.4788-0.1493i	-0.0540+0.0176i	1.3676-0.3368i	0.5191-0.1027i	-0.0008+0.0041i
7.6	0.5169-0.2452i	0.0348+0.0314i	0.1795-0.1208i	0.6081-0.0520i	-0.0612+0.0172i	1.5178-0.3816i	0.6384-0.0231i	-0.0008+0.0101i
7.7	0.7093-0.2215i	0.0261+0.0237i	0.2137-0.1162i	0.7231-0.0524i	-0.0607+0.0041i	1.6772-0.4777i	0.7102-0.0113i	0.0080+0.0055i
7.8	0.8425-0.2491i	0.0170+0.0266i	0.2503-0.1353i	0.7984-0.0403i	-0.0635+0.0036i	1.8770-0.6161i	0.7569-0.0101i	0.0045+0.0073i
7.9	0.9093-0.3522i	0.0181+0.0362i	0.2752-0.1854i	0.8064-0.0704i	-0.0706+0.0067i	1.9656-0.8096i	0.7909-0.0457i	0.0041+0.0073i
8.0	0.8706-0.2924i	0.0151+0.0336i	0.2535-0.1733i	0.7993-0.0360i	-0.0705+0.0097i	1.9954-0.8710i	0.7792-0.0122i	0.0017+0.0137i
8.1	1.0353-0.3949i	0.0153+0.0200i	0.2884-0.1707i	0.8946-0.0952i	-0.0668-0.0018i	2.1653-1.0970i	0.8626-0.0712i	0.0099-0.0045i
8.2	1.0102-0.3748i	0.0139+0.0197i	0.2766-0.1831i	0.8773-0.0927i	-0.0720-0.0033i	2.2393-1.1338i	0.8594-0.0543i	0.0073-0.0043i
8.3	1.1099-0.3617i	0.0141+0.0122i	0.2866-0.1834i	0.9302-0.0640i	-0.0659-0.0067i	2.4786-1.2015i	0.8944-0.0504i	0.0108-0.0036i
8.4	1.2499-0.3671i	0.0148+0.0088i	0.3200-0.1853i	0.9953-0.0720i	-0.0676-0.0038i	2.8515-1.3879i	0.9530-0.0497i	0.0143-0.0073i
8.5	1.3904-0.4467i	0.0024+0.0095i	0.3582-0.1955i	1.0499-0.1214i	-0.0756-0.0112i	3.2364-1.6087i	1.0026-0.0825i	0.0115-0.0136i
8.6	1.5956-0.5776i	-0.0114+0.0032i	0.4195-0.2162i	1.1593-0.1963i	-0.0800-0.0133i	3.8077-2.0908i	1.0833-0.1311i	0.0109-0.0237i
8.7	1.7067-0.7594i	-0.0115-0.0004i	0.4550-0.2668i	1.2160-0.2523i	-0.0848-0.0209i	4.2298-2.7023i	1.1273-0.1914i	0.0091-0.0282i
8.8	1.9246-1.0612i	-0.0367+0.0056i	0.5172-0.3130i	1.3072-0.3878i	-0.1012-0.0198i	4.9064-3.7456i	1.2087-0.3051i	-0.0088-0.0379i
8.9	1.9233-1.4510i	-0.0446+0.0137i	0.4898-0.3864i	1.3176-0.5539i	-0.0913-0.0136i	4.9466-5.1009i	1.2082-0.4413i	-0.0068-0.0372i
9.0	2.0236-2.0789i	-0.0542+0.0244i	0.5209-0.5131i	1.3731-0.8057i	-0.0954-0.0424i	5.1897-7.3955i	1.2591-0.6492i	-0.0106-0.0720i
9.1	1.2994-2.2519i	-0.0563+0.0204i	0.4781-0.5661i	1.0678-0.9019i	-0.1551-0.0564i	2.7703-7.8996i	1.0227-0.7174i	-0.0711-0.0788i
9.2	1.8387-2.8800i	-0.1429+0.0340i	0.6126-0.7309i	1.3010-1.1693i	-0.2056-0.0240i	4.4941-10.3955i	1.2267-0.9241i	-0.1278-0.0593i
9.3	0.4758-4.0697i	-0.1645+0.1556i	0.3100-1.0040i	0.7643-1.6652i	-0.2489+0.0491i	-0.5219-14.3911i	0.7942-1.3797i	-0.1919+0.0094i
9.4	-1.1592-3.5591i	-0.0779+0.2513i	-0.0735-0.9057i	0.0780-1.4892i	-0.2099+0.1338i	-6.3124-12.4744i	0.2239-1.2360i	-0.1652+0.1203i
9.5	-1.7650-2.4365i	0.0197+0.2355i	-0.2292-0.6495i	-0.1960-1.0394i	-0.1409+0.1442i	-8.3926-8.4839i	-0.0109-0.8593i	-0.0894+0.1436i
9.6	-1.7163-1.5717i	0.0679+0.1985i	-0.1875-0.4789i	-0.1893-0.6724i	-0.0975+0.1332i	-8.1735-5.4858i	-0.0124-0.5599i	-0.0387+0.1412i
9.7	-1.4982-1.0936i	0.0976+0.1760i	-0.1083-0.3945i	-0.1076-0.4686i	-0.0733+0.1265i	-7.3683-3.8578i	0.0546-0.3855i	-0.0061+0.1398i
9.8	-1.2846-0.7989i	0.1203+0.1558i	-0.0389-0.3578i	-0.0009-0.3464i	-0.0552+0.1193i	-6.6978-2.8360i	0.1332-0.2785i	0.0206+0.1319i
9.9	-1.0750-0.5986i	0.1253+0.1218i	-0.0184-0.2894i	0.0902-0.2575i	-0.0376+0.0948i	-6.0428-2.1456i	0.2142-0.2066i	0.0403+0.1014i
10.0	-0.9275-0.4527i	0.1363+0.1004i	0.0291-0.2879i	0.1636-0.1804i	-0.0219+0.0806i	-5.5253-1.6675i	0.2695-0.1533i	0.0596+0.0904i
10.1	-0.7857-0.3523i	0.1381+0.0764i	0.0685-0.2444i	0.2277-0.1335i	-0.0239+0.0651i	-5.0619-1.3723i	0.3214-0.1102i	0.0634+0.0741i
10.2	-0.6619-0.3023i	0.1278+0.0680i	0.0904-0.1699i	0.2866-0.1147i	-0.0355+0.0552i	-4.6871-1.2174i	0.3728-0.0904i	0.0550+0.0613i
10.3	-0.5828-0.2914i	0.1281+0.0758i	0.1796-0.1595i	0.3334-0.1094i	-0.0375+0.0538i	-4.4469-1.1451i	0.4144-0.0921i	0.0541+0.0661i
10.4	-0.5076-0.2536i	0.1346+0.0625i	0.2742-0.1883i	0.3726-0.1052i	-0.0369+0.0470i	-4.3357-1.0504i	0.4539-0.0758i	0.0582+0.0549i
10.5	-0.4438-0.2106i	0.1418+0.0453i	0.3456-0.2155i	0.4145-0.0858i	-0.0300+0.0331i	-4.2215-0.9149i	0.4919-0.0617i	0.0657+0.0421i
10.6	-0.3974-0.1817i	0.1474+0.0374i	0.4193-0.3679i	0.4421-0.0588i	-0.0283+0.0349i	-4.0946-0.8124i	0.5131-0.0473i	0.0733+0.0452i
10.7	-0.3317-0.1604i	0.1487+0.0197i	0.3540-0.4729i	0.4798-0.0537i	-0.0226+0.0274i	-3.9630-0.7724i	0.5538-0.0336i	0.0821+0.0387i
10.8	-0.2777-0.1535i	0.1409+0.0044i	0.3257-0.5226i	0.5273-0.0457i	-0.0296+0.0172i	-3.8773-0.7194i	0.5907-0.0321i	0.0794+0.0250i
10.9	-0.2469-0.1255i	0.1370+0.0033i	0.2873-0.5058i	0.5534-0.0357i	-0.0319+0.0065i	-3.8490-0.6208i	0.6080-0.0240i	0.0854+0.0165i
11.0	-0.2104-0.1088i	0.1434-0.0014i	0.3391-0.4236i	0.5932-0.0228i	-0.0260-0.0038i	-3.7792-0.5196i	0.6355-0.0223i	0.0893+0.0061i
11.1	-0.1663-0.0983i	0.1466-0.0017i	0.4867-0.6054i	0.6142-0.0279i	-0.0273-0.0105i	-3.7177-0.4630i	0.6700-0.0180i	0.0933+0.0020i
11.2	-0.1328-0.1029i	0.1535-0.0199i	0.4821-0.9321i	0.6470-0.0541i	-0.0349-0.0206i	-3.6884-0.4622i	0.7033-0.0305i	0.0933-0.0094i
11.3	-0.0943-0.1056i	0.1482-0.0388i	0.1475-1.3659i	0.6899-0.0606i	-0.0430-0.0476i	-3.6742-0.4444i	0.7428-0.0351i	0.0926-0.0353i
11.4	-0.0639-0.0956i	0.1362-0.0621i	-0.3714-1.5950i	0.7281-0.0346i	-0.0620-0.0642i	-3.7132-0.4134i	0.7834-0.0268i	0.0837-0.0627i
11.5	-0.0167-0.0842i	0.1029-0.0787i	-1.3590-1.5427i	0.7712-0.0383i	-0.1005-0.0715i	-3.7037-0.3638i	0.8276-0.0228i	0.0575-0.0805i
11.6	0.0163-0.0765i	0.0872-0.0746i	-1.7724-1.0506i	0.8279-0.0532i	-0.1305-0.0598i	-3.7541-0.3004i	0.8675-0.0289i	0.0317-0.0764i
11.7	0.0548-0.0858i	0.0705-0.0603i	-2.2397-0.7210i	0.8551-0.0544i	-0.1502-0.0520i	-3.7433-0.2877i	0.9096-0.0400i	0.0070-0.0743i
11.8	0.1066-0.0932i	0.0694-0.0442i	-2.4884-0.2171i	0.9145-0.0563i	-0.1537-0.0415i	-3.7863-0.2618i	0.9680-0.0508i	0.0127-0.0664i
11.9	0.1330-0.0930i	0.0761-0.0391i	-2.4399+0.2247i	0.9817-0.0593i	-0.1558-0.0367i	-3.8449-0.2917i	1.0172-0.0509i	0.0103-0.0528i

12.0	0.1833-0.1040i	0.0673-0.0332i	-3.2115+0.8019i	1.0754-0.1013i	-0.1894-0.0298i	-4.0256-0.1939i	1.1079-0.0794i	-0.0079-0.0580i
12.1	0.2166-0.1205i	0.0723-0.0375i	-3.6043+0.9881i	1.1453-0.1162i	-0.1972-0.0399i	-4.1224-0.2187i	1.1732-0.0843i	-0.0055-0.0639i
12.2	0.2617-0.1373i	0.0782-0.0465i	-4.3551+1.2471i	1.2590-0.1185i	-0.2184-0.0571i	-4.3629-0.2605i	1.2688-0.0855i	-0.0072-0.0852i
12.3	0.3257-0.1702i	0.0502-0.0462i	-5.8762+2.4704i	1.3594-0.1681i	-0.2644-0.0655i	-4.6221-0.1670i	1.3769-0.1477i	-0.0373-0.1030i
12.4	0.3579-0.2181i	0.0371-0.0677i	-7.9552+3.3436i	1.4757-0.2205i	-0.3280-0.0960i	-4.9830-0.1987i	1.4993-0.1776i	-0.0712-0.1529i
12.5	0.4074-0.3165i	0.0021-0.0687i	-9.3796+6.3035i	1.6194-0.3708i	-0.4212-0.0865i	-5.5149+0.0186i	1.6634-0.3046i	-0.1260-0.1658i
12.6	0.4411-0.4141i	-0.0479-0.0698i	-12.4156+9.4811i	1.7947-0.5019i	-0.5691-0.1004i	-6.1591+0.1572i	1.8506-0.4055i	-0.2254-0.2044i
12.7	0.4644-0.5388i	-0.1777-0.0432i	-16.2921+15.7302i	2.0067-0.7240i	-0.7976-0.0668i	-7.0145+0.6716i	2.0855-0.5854i	-0.4034-0.2255i
12.8	0.4568-0.6773i	-0.3032+0.0489i	-17.9299+24.9292i	2.1977-1.0356i	-1.0804+0.0628i	-7.8603+1.5021i	2.3321-0.8438i	-0.6313-0.1780i
12.9	0.2335-0.8934i	-0.4750+0.4158i	-11.6948+46.3565i	2.1633-1.6841i	-1.5429+0.6767i	-8.4114+3.8532i	2.4734-1.5634i	-1.0891+0.1953i
13.0	-0.2146-1.0266i	-0.3903+1.1897i	12.6684+74.6050i	1.7209-2.6360i	-1.7792+2.0047i	-8.0640+7.1158i	2.3180-2.6751i	-1.4590+1.2059i
13.1	-0.5880-0.6609i	0.5876+1.7742i	62.6251+73.3602i	0.6638-2.8676i	-0.4085+3.4439i	-4.8000+9.3635i	1.1545-3.4361i	-0.5560+2.5100i
13.2	-0.4963-0.1248i	1.7911+1.3294i	96.6615+33.6528i	-0.1069-2.3063i	1.7138+3.2775i	-1.4115+8.4228i	-0.0911-3.0304i	1.1813+2.6184i
13.3	-0.1924+0.0205i	2.4274+0.4622i	104.0096-3.7313i	-0.2274-1.8507i	3.0440+2.1612i	-0.0628+6.9914i	-0.6251-2.4268i	2.3835+1.8165i
13.4	0.0357+0.0007i	2.5729-0.4950i	98.8970-35.9980i	-0.2178-1.5732i	3.5930+0.7743i	0.5261+5.9119i	-0.8155-1.8874i	2.9364+0.7000i
13.5	0.1909-0.1600i	2.3914-1.4446i	86.3224-65.5172i	-0.2135-1.5415i	3.6351-0.5955i	0.8705+5.3288i	-0.8603-1.5604i	3.0518-0.4553i
13.6	0.2137-0.3714i	1.6631-2.2848i	58.3906-88.9996i	-0.2350-1.5394i	2.8699-1.9264i	0.9008+4.6741i	-0.7445-1.2480i	2.4737-1.6407i
13.7	0.0678-0.5161i	0.6234-2.6474i	23.2065-98.2435i	-0.4256-1.5086i	1.6700-2.6322i	1.2146+4.2579i	-0.7190-1.0697i	1.4608-2.2919i
13.8	-0.1009-0.5189i	-0.2252-2.4546i	-4.8284-91.0814i	-0.6463-1.3863i	0.6318-2.6272i	1.5525+3.8647i	-0.7382-0.9265i	0.5504-2.3100i
13.9	-0.2427-0.4352i	-0.8537-1.9211i	-25.0802-73.2534i	-0.7701-1.1318i	-0.1703-2.1992i	1.7270+3.3307i	-0.7310-0.7622i	-0.1864-1.9298i
14.0	-0.2647-0.3221i	-1.0358-1.4421i	-31.4702-57.9476i	-0.7899-0.9065i	-0.4826-1.7848i	1.7234+2.8251i	-0.6688-0.5968i	-0.4486-1.5423i
14.1	-0.2602-0.2001i	-1.1010-1.0084i	-34.9595-44.4225i	-0.7351-0.6777i	-0.7032-1.3861i	1.6888+2.3505i	-0.5838-0.4402i	-0.6207-1.1694i
14.2	-0.2172-0.1513i	-1.0481-0.7565i	-34.5372-35.3180i	-0.6348-0.5550i	-0.7685-1.1199i	1.5771+2.0217i	-0.4842-0.3705i	-0.6523-0.9441i
14.3	-0.1677-0.0804i	-1.0193-0.5357i	-34.3978-27.7806i	-0.5251-0.3908i	-0.8394-0.8934i	1.4184+1.6028i	-0.3704-0.2524i	-0.6942-0.7445i
14.4	-0.1232-0.0593i	-0.9344-0.3921i	-32.3548-22.4175i	-0.4416-0.3398i	-0.8102-0.7182i	1.2740+1.4086i	-0.2907-0.2251i	-0.6543-0.5977i
14.5	-0.0834-0.0304i	-0.8728-0.2762i	-30.6250-18.1434i	-0.3537-0.2480i	-0.8003-0.5786i	1.1397+1.1447i	-0.2160-0.1630i	-0.6346-0.4782i
14.6	-0.0359-0.0334i	-0.8134-0.1927i	-28.4268-15.2370i	-0.2682-0.2327i	-0.7643-0.4739i	0.8982+1.0119i	-0.1312-0.1590i	-0.5961-0.4021i
14.7	-0.0172+0.0071i	-0.7742-0.1249i	-27.0428-13.7583i	-0.2038-0.1650i	-0.7565-0.4199i	0.7705+0.9085i	-0.0746-0.1043i	-0.5805-0.3478i
14.8	0.0379+0.0131i	-0.6926-0.0338i	-25.5745-11.8761i	-0.1323-0.1796i	-0.7221-0.3241i	0.7001+0.9465i	-0.0089-0.1240i	-0.5424-0.2720i
14.9	0.0848+0.0070i	-0.6290+0.0052i	-25.6647-11.1320i	-0.0968-0.1562i	-0.7188-0.2974i	0.7245+0.8887i	0.0418-0.1148i	-0.5325-0.2521i
15.0	0.1098-0.0203i	-0.5694+0.0453i	-26.0648-9.3780i	-0.0272-0.1516i	-0.7457-0.2130i	0.6906+0.7404i	0.0923-0.1145i	-0.5413-0.1892i
15.1	0.1392-0.0186i	-0.4984+0.0303i	-25.8030-7.9943i	0.0039-0.1266i	-0.6928-0.2076i	0.7145+0.5793i	0.1166-0.0890i	-0.4979-0.1771i
15.2	0.1585-0.0341i	-0.4850+0.0084i	-25.1926-6.4057i	0.0657-0.1134i	-0.7050-0.1743i	0.6221+0.4191i	0.1631-0.0795i	-0.5016-0.1523i
15.3	0.2027-0.0286i	-0.4752-0.0039i	-24.6758-5.4541i	0.1581-0.0853i	-0.7137-0.1571i	0.4582+0.2407i	0.2397-0.0454i	-0.4930-0.1376i
15.4	0.1851-0.0499i	-0.4629-0.0030i	-23.6756-4.3593i	0.1415-0.1040i	-0.7034-0.1199i	0.3907+0.2269i	0.2450-0.0778i	-0.4829-0.1089i
15.5	0.2068-0.0374i	-0.4698+0.0064i	-23.1532-3.2798i	0.1845-0.0844i	-0.7087-0.0753i	0.2626+0.1447i	0.2952-0.0582i	-0.4771-0.0754i
15.6	0.2326-0.0298i	-0.4781+0.0168i	-22.9341-3.1023i	0.2405-0.0646i	-0.7256-0.0732i	0.1854+0.1001i	0.3413-0.0429i	-0.4831-0.0707i
15.7	0.2572-0.0517i	-0.4908+0.0474i	-22.8002-2.0377i	0.3049-0.0797i	-0.7520-0.0193i	0.0395+0.0664i	0.4057-0.0732i	-0.4951-0.0318i
15.8	0.2714-0.0438i	-0.5001+0.0646i	-22.7002-1.6405i	0.3439-0.0845i	-0.7661+0.0190i	-0.0589+0.0118i	0.4573-0.0741i	-0.4955-0.0056i
15.9	0.3030-0.0192i	-0.5064+0.0824i	-22.6842-1.3654i	0.3910-0.0931i	-0.7715+0.0496i	-0.1444+0.0059i	0.5040-0.0560i	-0.4871+0.0187i
16.0	0.3317-0.0091i	-0.5355+0.1005i	-22.9407-1.4652i	0.4527-0.0652i	-0.7905+0.0682i	-0.2329-0.0585i	0.5552-0.0449i	-0.4907+0.0325i
16.1	0.3721-0.0043i	-0.5499+0.1424i	-23.5808-0.8746i	0.5192-0.0569i	-0.8198+0.1260i	-0.3556-0.1156i	0.6228-0.0530i	-0.5043+0.0702i
16.2	0.4262+0.0113i	-0.5706+0.1991i	-24.1579-0.4962i	0.5995-0.0701i	-0.8363+0.1824i	-0.4554-0.1026i	0.7078-0.0664i	-0.4996+0.1077i
16.3	0.4866-0.0021i	-0.5799+0.2558i	-24.7625-0.3313i	0.6748-0.0912i	-0.8166+0.2074i	-0.5144-0.1526i	0.7647-0.0868i	-0.4723+0.1248i
16.4	0.5854-0.0330i	-0.6029+0.3674i	-27.2505+0.7103i	0.8179-0.1424i	-0.8678+0.2807i	-0.7166-0.2047i	0.9040-0.1372i	-0.4880+0.1591i
16.5	0.6669-0.0681i	-0.5694+0.4667i	-29.4622+1.8242i	0.9184-0.2069i	-0.8932+0.3184i	-0.9445-0.3028i	1.0012-0.1778i	-0.4934+0.1848i
16.6	0.6801-0.0831i	-0.4961+0.5101i	-30.4347+2.5494i	0.9580-0.2297i	-0.8855+0.3062i	-1.1937-0.3207i	1.0397-0.1875i	-0.4735+0.1779i
16.7	0.7929-0.1067i	-0.4509+0.5715i	-34.1842+4.7749i	1.1020-0.2935i	-0.9923+0.3600i	-1.5689-0.0962i	1.2231-0.2330i	-0.5164+0.2026i
16.8	0.9244-0.1338i	-0.3940+0.6071i	-36.4703+7.3614i	1.2653-0.3524i	-1.0868+0.4262i	-1.6684+0.0674i	1.3851-0.3038i	-0.5530+0.2276i
16.9	0.9354-0.1718i	-0.4303+0.5458i	-35.4425+10.2968i	1.2648-0.4268i	-1.1089+0.4862i	-1.5277+0.1461i	1.3817-0.3615i	-0.5611+0.2708i
17.0	1.0952-0.3748i	-0.2968+0.7569i	-37.3106+17.6729i	1.4661-0.7606i	-1.1651+0.8002i	-1.8162+0.5035i	1.5933-0.6905i	-0.5725+0.4204i
17.1	1.2257-0.6519i	-0.0513+0.9370i	-38.8098+25.2114i	1.5489-1.2040i	-1.0995+1.0652i	-2.2699+0.8601i	1.7425-1.0488i	-0.4943+0.5635i
17.2	1.2873-0.9237i	0.0090+0.7126i	-34.3668+37.1772i	1.4949-1.5898i	-1.0172+1.3605i	-1.9944+1.9609i	1.7733-1.5284i	-0.4120+0.6808i
17.3	1.2109-1.4276i	0.1251+0.9558i	-24.4018+44.8251i	1.2703-2.1888i	-0.6984+1.7260i	-1.4249+2.3461i	1.5471-2.1681i	-0.2256+0.8125i
17.4	0.8194-1.8556i	0.6037+0.9585i	-13.3623+49.3519i	0.6254-2.6446i	-0.2046+1.8980i	-0.8112+2.5101i	0.9694-2.6604i	0.0424+0.8500i
17.5	0.4539-2.0189i	0.8492+0.6317i	-5.5035+50.3589i	0.1390-2.6809i	0.1089+1.8553i	-0.5632+2.5520i	0.5145-2.7995i	0.1869+0.7667i
17.6	-0.0035-2.0626i	0.7915+0.3746i	6.2323+48.3460i	-0.4242-2.5922i	0.4541+1.7601i	0.0286+2.5069i	-0.0947-2.8519i	0.3133+0.6425i
17.7	-0.4772-1.8466i	0.8033+0.2226i	14.4272+38.7976i	-0.9253-2.1931i	0.7560+1.4515i	0.4630+2.0368i	-0.7185-2.5068i	0.3755+0.4665i
17.8	-0.7722-1.6885i	0.8829-0.0131i	18.6108+33.5439i	-1.2335-1.9099i	0.9773+1.2321i	0.5774+1.7779i	-1.1116-2.2457i	0.4199+0.3467i
17.9	-0.8911-1.4739i	0.7976-0.2343i	19.3740+28.7508i	-1.2959-1.6242i	1.0087+0.9867i	0.5689+1.5731i	-1.2240-1.9229i	0.3963+0.2370i
18.0	-0.9854-1.2348i	0.6301-0.3788i	19.7159+24.2939i	-1.3237-1.3207i	0.9878+0.7867i	0.5590+1.3560i	-1.3026-1.5961i	0.3445+0.1676i
18.1	-1.0096-1.0439i	0.4759-0.4115i	19.0242+20.7370i	-1.3000-1.0856i	0.9136+0.6561i	0.4934+1.1672i	-1.2857-1.3394i	0.2766+0.1236i
18.2	-1.0005-0.8339i	0.3431-0.4437i	18.0227+16.8414i	-1.2417-0.8510i	0.8479+0.5013i	0.4335+1.0265i	-1.2436-1.0757i	0.2189+0.0712i

18.3	-0.9631-0.6652i	0.2393-0.4545i	16.8233+14.4055i	-1.1538-0.6628i	0.7751+0.4243i	0.4043+0.9500i	-1.1733-0.8837i	0.1701+0.0630i
18.4	-0.9368-0.5528i	0.1440-0.4817i	16.5682+12.8408i	-1.0961-0.5283i	0.7425+0.3668i	0.4152+0.8396i	-1.1298-0.7488i	0.1392+0.0637i
18.5	-0.8330-0.4416i	0.0621-0.4610i	14.9338+11.0419i	-0.9540-0.4162i	0.6794+0.3339i	0.3123+0.6152i	-1.0061-0.6124i	0.1083+0.0855i
18.6	-0.7544-0.3931i	-0.0857-0.4513i	13.8156+9.8697i	-0.8043-0.3946i	0.6395+0.2871i	-0.0379+0.5723i	-0.8901-0.5357i	0.1119+0.1049i
18.7	-0.7603-0.3607i	-0.1773-0.3079i	13.7966+8.4655i	-0.8327-0.4211i	0.6099+0.2401i	-0.0478+0.9093i	-0.8594-0.5179i	0.1186+0.0815i
18.8	-0.7089-0.2633i	-0.1553-0.2357i	12.5620+6.7596i	-0.7896-0.3007i	0.5533+0.2053i	0.1138+0.8548i	-0.8082-0.4220i	0.0908+0.0590i
18.9	-0.6701-0.2142i	-0.1719-0.2157i	11.9205+6.1591i	-0.7460-0.2439i	0.5251+0.2007i	0.1446+0.7861i	-0.7574-0.3696i	0.0692+0.0642i
19.0	-0.6260-0.1631i	-0.1872-0.1833i	11.2290+5.2063i	-0.6813-0.1906i	0.5064+0.1730i	0.1500+0.7230i	-0.7085-0.3088i	0.0636+0.0696i
19.1	-0.5619-0.1380i	-0.1952-0.1499i	10.2139+4.8758i	-0.6069-0.1574i	0.4798+0.1859i	0.1023+0.6883i	-0.6331-0.2911i	0.0596+0.0842i
19.2	-0.5234-0.1061i	-0.2066-0.1098i	9.6646+4.1925i	-0.5646-0.1209i	0.4776+0.1721i	0.0967+0.6612i	-0.5916-0.2546i	0.0589+0.0875i
19.3	-0.4839-0.0730i	-0.1939-0.0679i	8.9534+3.6464i	-0.5096-0.0868i	0.4583+0.1627i	0.0979+0.6629i	-0.5508-0.2260i	0.0536+0.0890i
19.4	-0.4419-0.0340i	-0.1814-0.0446i	8.4469+3.0417i	-0.4617-0.0453i	0.4621+0.1478i	0.1096+0.6328i	-0.5176-0.1893i	0.0649+0.0946i
19.5	-0.4099-0.0316i	-0.1786-0.0249i	8.1304+2.8557i	-0.4139-0.0416i	0.4884+0.1384i	0.1028+0.5986i	-0.4944-0.1793i	0.0739+0.0902i
19.6	-0.3770-0.0389i	-0.1639-0.0116i	7.6263+2.6975i	-0.3682-0.0466i	0.4792+0.1212i	0.0796+0.5533i	-0.4569-0.1764i	0.0695+0.0919i
19.7	-0.3511-0.0583i	-0.1629-0.0169i	7.2298+2.9659i	-0.3271-0.0615i	0.4926+0.1178i	-0.0042+0.5278i	-0.4195-0.1841i	0.0706+0.0920i
19.8	-0.3258-0.0419i	-0.1567-0.0181i	6.6608+2.6723i	-0.2940-0.0532i	0.4694+0.0774i	-0.0429+0.5396i	-0.3906-0.1670i	0.0698+0.0777i
19.9	-0.2960-0.0358i	-0.1650-0.0049i	6.3134+2.5370i	-0.2515-0.0511i	0.4510+0.0613i	-0.0681+0.5670i	-0.3526-0.1573i	0.0702+0.0761i
20.0	-0.2691-0.0368i	-0.1664+0.0002i	5.9589+2.3412i	-0.2122-0.0676i	0.4458+0.0475i	-0.0591+0.5839i	-0.3263-0.1576i	0.0759+0.0699i
20.1	-0.2582-0.0385i	-0.1707+0.0021i	5.8409+2.3883i	-0.1925-0.0645i	0.4320+0.0449i	-0.0447+0.5973i	-0.3072-0.1546i	0.0686+0.0646i
20.2	-0.2392-0.0357i	-0.1652+0.0188i	5.6811+1.9266i	-0.1716-0.0650i	0.4230+0.0277i	-0.0094+0.5720i	-0.2920-0.1426i	0.0621+0.0546i
20.3	-0.2199-0.0436i	-0.1659+0.0199i	5.4454+1.8735i	-0.1331-0.0747i	0.4123+0.0280i	-0.0138+0.5159i	-0.2703-0.1454i	0.0527+0.0503i
20.4	-0.2051-0.0540i	-0.1649+0.0298i	5.0263+1.6944i	-0.1158-0.0900i	0.4087+0.0142i	-0.0557+0.4728i	-0.2461-0.1488i	0.0479+0.0468i
20.5	-0.2070-0.0554i	-0.1726+0.0284i	4.8214+1.6828i	-0.1087-0.1053i	0.4208+0.0062i	-0.0917+0.4794i	-0.2463-0.1525i	0.0404+0.0538i
20.6	-0.1984-0.0610i	-0.1784+0.0394i	4.5474+1.6756i	-0.0847-0.1165i	0.4142-0.0022i	-0.1389+0.4972i	-0.2252-0.1587i	0.0346+0.0531i
20.7	-0.1872-0.0569i	-0.1899+0.0569i	4.3960+1.4329i	-0.0715-0.1246i	0.4267-0.0213i	-0.1564+0.5138i	-0.2074-0.1555i	0.0322+0.0473i
20.8	-0.1791-0.0677i	-0.1918+0.0663i	4.1237+1.4972i	-0.0558-0.1467i	0.4299-0.0272i	-0.1752+0.5446i	-0.1995-0.1681i	0.0287+0.0472i
20.9	-0.1839-0.0699i	-0.2088+0.0882i	4.0083+1.5174i	-0.0491-0.1638i	0.4411-0.0598i	-0.1989+0.5850i	-0.1969-0.1735i	0.0176+0.0526i
21.0	-0.1911-0.0550i	-0.2138+0.1127i	4.0159+1.5781i	-0.0374-0.1765i	0.4662-0.0912i	-0.1943+0.6334i	-0.1966-0.1666i	0.0141+0.0634i
21.1	-0.1792-0.0587i	-0.2032+0.1254i	3.7722+1.5441i	-0.0337-0.1850i	0.4500-0.1106i	-0.1861+0.6518i	-0.1930-0.1672i	0.0221+0.0602i
21.2	-0.1842-0.0527i	-0.2199+0.1440i	3.5719+1.5590i	-0.0372-0.2057i	0.4572-0.1279i	-0.2053+0.6911i	-0.1891-0.1766i	0.0036+0.0669i
21.3	-0.1749-0.0401i	-0.2286+0.1683i	3.3685+1.6032i	-0.0222-0.2058i	0.4634-0.1643i	-0.2198+0.7071i	-0.1743-0.1580i	0.0023+0.0775i
21.4	-0.1696-0.0036i	-0.2045+0.2223i	3.3161+1.5493i	-0.0329-0.2107i	0.4384-0.2167i	-0.1495+0.7746i	-0.1855-0.1357i	0.0105+0.0984i
21.5	-0.1842+0.0156i	-0.1906+0.2828i	3.5102+1.7040i	-0.0418-0.2262i	0.4685-0.3029i	-0.0488+0.8564i	-0.2061-0.1257i	0.0125+0.1157i
21.6	-0.1516+0.0151i	-0.1556+0.3087i	3.3609+1.7073i	-0.0459-0.2466i	0.4127-0.3513i	0.0175+0.8431i	-0.1886-0.1246i	0.0212+0.1375i
21.7	-0.1225+0.0472i	-0.0892+0.3464i	3.3123+1.6339i	-0.0795-0.2548i	0.3247-0.4093i	0.1004+0.8514i	-0.1771-0.1006i	0.0523+0.1551i
21.8	-0.1067+0.0505i	-0.0323+0.3534i	3.3705+1.6646i	-0.0909-0.2567i	0.2765-0.4256i	0.1606+0.8312i	-0.1720-0.0957i	0.0873+0.1580i
21.9	-0.0935+0.0475i	0.0165+0.3359i	3.4246+1.6085i	-0.1123-0.2338i	0.2072-0.4166i	0.2128+0.7540i	-0.1655-0.0816i	0.1076+0.1475i
22.0	-0.0512+0.0499i	0.0753+0.3299i	3.4988+1.5251i	-0.1248-0.2347i	0.1171-0.4268i	0.2723+0.7186i	-0.1421-0.0686i	0.1322+0.1330i
22.1	-0.0481+0.0424i	0.1164+0.2838i	3.5237+1.4494i	-0.1525-0.2071i	0.0504-0.3824i	0.2711+0.6249i	-0.1352-0.0653i	0.1578+0.1132i
22.2	-0.0409+0.0185i	0.1449+0.2561i	3.6315+1.4157i	-0.1671-0.2048i	0.0360-0.3476i	0.3274+0.5651i	-0.1344-0.0798i	0.1728+0.0989i
22.3	-0.0218+0.0166i	0.1505+0.2179i	3.4600+1.1582i	-0.1512-0.1718i	0.0225-0.3049i	0.3305+0.4923i	-0.1148-0.0614i	0.1692+0.0715i
22.4	-0.0063+0.0117i	0.1474+0.1816i	3.1630+1.0837i	-0.1159-0.1452i	0.0326-0.2670i	0.3009+0.4322i	-0.0967-0.0547i	0.1729+0.0480i
22.5	-0.0020-0.0145i	0.1520+0.1372i	3.1845+1.0884i	-0.1193-0.1355i	0.0390-0.2436i	0.2786+0.3607i	-0.0940-0.0601i	0.1822+0.0172i
22.6	-0.0038-0.0040i	0.1628+0.1379i	3.2165+1.0143i	-0.1352-0.1312i	0.0146-0.2261i	0.2556+0.3407i	-0.0932-0.0584i	0.1747+0.0317i
22.7	-0.0068-0.0033i	0.1509+0.1125i	3.1446+0.9769i	-0.1164-0.1179i	0.0185-0.2305i	0.2489+0.3155i	-0.0890-0.0471i	0.1635+0.0051i
22.8	-0.0164-0.0171i	0.1258+0.1061i	2.9761+0.8958i	-0.1138-0.1095i	0.0592-0.2372i	0.2050+0.3243i	-0.0936-0.0485i	0.1544-0.0249i
22.9	0.0025-0.0254i	0.1177+0.0797i	2.8014+0.9363i	-0.0979-0.1174i	0.0565-0.2248i	0.1719+0.2788i	-0.0691-0.0488i	0.1457-0.0376i
23.0	0.0022-0.0190i	0.1211+0.0775i	2.7727+0.8425i	-0.0774-0.1060i	-0.0108-0.2505i	0.1403+0.2458i	-0.0555-0.0354i	0.1152-0.0495i
23.1	0.0084-0.0218i	0.1335+0.0710i	2.8523+0.8830i	-0.0793-0.0916i	-0.0577-0.2438i	0.1389+0.2262i	-0.0392-0.0343i	0.0945-0.0430i
23.2	0.0112-0.0158i	0.1198+0.0805i	2.6803+0.8609i	-0.0651-0.0942i	-0.0491-0.2745i	0.1226+0.2344i	-0.0312-0.0302i	0.0843-0.0615i
23.3	0.0096-0.0202i	0.1031+0.0739i	2.6831+0.7961i	-0.0559-0.0999i	-0.0844-0.3276i	0.1169+0.2599i	-0.0218-0.0249i	0.0505-0.1061i
23.4	-0.0003-0.0115i	0.1109+0.0525i	2.8057+0.7787i	-0.0764-0.0753i	-0.0761-0.2807i	0.1264+0.2415i	-0.0406-0.0152i	0.0573-0.1007i
23.5	0.0103-0.0160i	0.1132+0.0532i	2.7056+0.7748i	-0.0579-0.0647i	-0.1271-0.2589i	0.1122+0.2193i	-0.0209-0.0203i	0.0300-0.0851i
23.6	0.0135-0.0166i	0.1081+0.0478i	2.6846+0.7400i	-0.0544-0.0694i	-0.1722-0.2258i	0.0886+0.1951i	-0.0065-0.0195i	-0.0032-0.0714i
23.7	0.0158-0.0209i	0.0966+0.0412i	2.5745+0.7533i	-0.0431-0.0747i	-0.1411-0.2186i	0.0759+0.2014i	-0.0037-0.0204i	0.0045-0.0707i
23.8	0.0271-0.0117i	0.0948+0.0350i	2.4125+0.6082i	-0.0316-0.0579i	-0.1429-0.1750i	0.0503+0.1887i	0.0096-0.0153i	0.0115-0.0546i
23.9	0.0148+0.0028i	0.0946+0.0204i	2.4885+0.5007i	-0.0405-0.0565i	-0.1389-0.1439i	0.0392+0.1736i	-0.0049-0.0113i	0.0083-0.0474i
24.0	0.0297+0.0078i	0.0932+0.0196i	2.3760+0.4801i	-0.0216-0.0282i	-0.1529-0.1229i	0.0378+0.1631i	0.0180+0.0036i	-0.0089-0.0371i
24.1	0.0423+0.0024i	0.0820+0.0131i	2.2536+0.4444i	0.0055-0.0227i	-0.1292-0.0908i	-0.0056+0.1787i	0.0338+0.0006i	0.0027-0.0282i
24.2	0.0457+0.0030i	0.0830+0.0051i	2.2145+0.4082i	0.0096-0.0293i	-0.1319-0.0819i	-0.0183+0.1559i	0.0401-0.0036i	0.0029-0.0207i
24.3	0.0534+0.0014i	0.0757+0.0092i	2.1370+0.3107i	0.0228-0.0106i	-0.1401-0.0487i	-0.0199+0.1586i	0.0465-0.0056i	-0.0058-0.0040i
24.4	0.0487-0.0002i	0.0910+0.0065i	2.3181+0.3698i	0.0014-0.0209i	-0.1607-0.0465i	-0.0091+0.1705i	0.0506-0.0056i	-0.0232+0.0007i
24.5	0.0605+0.0062i	0.0845+0.0014i	2.1771+0.3686i	0.0320-0.0302i	-0.1447-0.0403i	-0.0194+0.1839i	0.0581-0.0034i	-0.0173+0.0026i

24.6	0.0647+0.0101i	0.0739+0.0019i	2.0571+0.3388i	0.0446-0.0224i	-0.1207-0.0363i	-0.0271+0.1818i	0.0639-0.0007i	-0.0112-0.0018i
24.7	0.0606+0.0107i	0.0656-0.0039i	2.0318+0.3286i	0.0435-0.0197i	-0.1016-0.0219i	-0.0362+0.1545i	0.0694+0.0070i	-0.0001+0.0009i
24.8	0.0737+0.0047i	0.0633-0.0048i	1.9845+0.3665i	0.0549-0.0153i	-0.1108-0.0180i	-0.0542+0.1881i	0.0770+0.0008i	-0.0080+0.0082i
24.9	0.0799+0.0084i	0.0641-0.0046i	1.8309+0.4035i	0.0652-0.0053i	-0.1094-0.0117i	-0.0333+0.1818i	0.0878+0.0011i	-0.0116+0.0181i
25.0	0.0889+0.0051i	0.0613-0.0047i	1.8793+0.2796i	0.0545-0.0099i	-0.1039-0.0079i	-0.0250+0.1821i	0.0821-0.0044i	-0.0131+0.0119i
25.1	0.0941+0.0144i	0.0569-0.0010i	1.7885+0.3492i	0.0726-0.0212i	-0.0981-0.0080i	-0.0215+0.1654i	0.0923-0.0003i	-0.0092+0.0131i
25.2	0.1083+0.0202i	0.0578-0.0046i	1.6679+0.3321i	0.0963-0.0016i	-0.0806-0.0035i	-0.0254+0.1410i	0.1074+0.0094i	0.0041+0.0118i
25.3	0.1084+0.0112i	0.0578-0.0141i	1.6944+0.3186i	0.0894+0.0043i	-0.0840-0.0020i	-0.0041+0.1446i	0.1057+0.0052i	0.0005+0.0131i
25.4	0.1173+0.0080i	0.0548-0.0125i	1.7155+0.3278i	0.0941+0.0116i	-0.0817+0.0135i	-0.0144+0.1590i	0.1113+0.0002i	-0.0030+0.0210i
25.5	0.1240+0.0171i	0.0579-0.0174i	1.7384+0.2863i	0.1017-0.0067i	-0.0784+0.0050i	-0.0321+0.1518i	0.1222+0.0062i	0.0005+0.0152i
25.6	0.1206+0.0081i	0.0543-0.0199i	1.6762+0.3086i	0.1103-0.0085i	-0.0779+0.0033i	-0.0451+0.1272i	0.1304+0.0099i	0.0031+0.0146i
25.7	0.1355+0.0097i	0.0531-0.0235i	1.6853+0.3826i	0.1199-0.0018i	-0.0774+0.0148i	-0.0287+0.1028i	0.1382+0.0090i	-0.0032+0.0262i
25.8	0.1410+0.0131i	0.0520-0.0213i	1.6349+0.4042i	0.1191-0.0026i	-0.0739+0.0177i	-0.0588+0.1174i	0.1432+0.0071i	-0.0079+0.0267i
25.9	0.1383-0.0018i	0.0491-0.0272i	1.5772+0.3093i	0.1276-0.0213i	-0.0741+0.0188i	-0.0586+0.1249i	0.1455-0.0036i	-0.0067+0.0238i
26.0	0.1525+0.0001i	0.0318-0.0242i	1.4568+0.3230i	0.1325-0.0075i	-0.0710+0.0086i	-0.0479+0.1146i	0.1521-0.0008i	-0.0056+0.0171i
26.1	0.1565-0.0035i	0.0339-0.0341i	1.3228+0.3122i	0.1403+0.0056i	-0.0613+0.0157i	-0.0409+0.0899i	0.1591-0.0022i	-0.0049+0.0164i
26.2	0.1659-0.0053i	0.0362-0.0356i	1.4544+0.3059i	0.1608-0.0148i	-0.0616+0.0173i	-0.0859+0.1243i	0.1753-0.0059i	-0.0030+0.0176i
26.3	0.1672-0.0069i	0.0297-0.0408i	1.5789+0.2755i	0.1633-0.0126i	-0.0692+0.0246i	-0.0923+0.1248i	0.1774-0.0087i	-0.0073+0.0247i
26.4	0.1720-0.0001i	0.0332-0.0335i	1.4461+0.5337i	0.1757-0.0044i	-0.0766+0.0235i	-0.1191+0.0728i	0.1776+0.0088i	-0.0193+0.0393i
26.5	0.1808-0.0018i	0.0300-0.0460i	1.3961+0.3245i	0.1849-0.0091i	-0.0684+0.0354i	-0.0828+0.1038i	0.1815+0.0019i	-0.0197+0.0320i
26.6	0.1890-0.0001i	0.0243-0.0411i	1.5295+0.3705i	0.1890-0.0017i	-0.0626+0.0421i	-0.0895+0.1071i	0.1952+0.0078i	-0.0020+0.0474i
26.7	0.1873-0.0014i	0.0159-0.0326i	1.3263+0.4483i	0.1871-0.0052i	-0.0571+0.0395i	-0.0990+0.1022i	0.1955+0.0046i	-0.0076+0.0430i
26.8	0.1946-0.0007i	0.0080-0.0265i	1.1838+0.4547i	0.1884-0.0080i	-0.0508+0.0338i	-0.0864+0.0942i	0.1925+0.0095i	-0.0032+0.0390i
26.9	0.2025+0.0019i	0.0095-0.0329i	1.4214+0.6223i	0.2114-0.0053i	-0.0469+0.0476i	-0.1213+0.1165i	0.2100+0.0119i	-0.0034+0.0570i
27.0	0.2078+0.0033i	0.0083-0.0348i	1.4516+0.6736i	0.2168-0.0072i	-0.0447+0.0473i	-0.1209+0.1312i	0.2200+0.0146i	0.0062+0.0584i
27.1	0.2228-0.0062i	0.0030-0.0323i	1.6831+0.5001i	0.2273-0.0216i	-0.0255+0.0544i	-0.1155+0.1832i	0.2336+0.0006i	0.0244+0.0680i
27.2	0.2196+0.0045i	0.0064-0.0252i	1.3835+0.4949i	0.2228-0.0153i	-0.0221+0.0492i	-0.0825+0.1162i	0.2311+0.0084i	0.0224+0.0717i
27.3	0.2275-0.0018i	0.0010-0.0196i	1.1904+0.4691i	0.2340-0.0025i	-0.0215+0.0373i	-0.0705+0.1087i	0.2355+0.0060i	0.0078+0.0597i
27.4	0.2499-0.0046i	0.0094-0.0229i	1.5512+0.6125i	0.2459-0.0112i	-0.0038+0.0523i	-0.0699+0.1515i	0.2549+0.0103i	0.0464+0.0823i
27.5	0.2529-0.0056i	0.0063-0.0246i	1.7046+0.9017i	0.2579-0.0110i	0.0031+0.0583i	-0.0592+0.1334i	0.2663+0.0172i	0.0738+0.0957i
27.6	0.2546-0.0126i	0.0087-0.0242i	1.6480+0.6561i	0.2685-0.0010i	0.0161+0.0363i	-0.0404+0.1160i	0.2678+0.0113i	0.0765+0.0606i
27.7	0.2541-0.0150i	0.0018-0.0261i	1.4920+0.4060i	0.2630-0.0178i	0.0114+0.0125i	-0.0461+0.0532i	0.2669+0.0074i	0.0741+0.0327i
27.8	0.2581-0.0056i	0.0047-0.0240i	1.3794+0.1885i	0.2584+0.0032i	0.0003+0.0066i	-0.0201+0.0267i	0.2719+0.0093i	0.0596+0.0171i
27.9	0.2655-0.0224i	0.0104-0.0270i	1.7705+0.0190i	0.2627-0.0187i	-0.0070-0.0166i	-0.0286+0.0515i	0.2890-0.0048i	0.0742-0.0175i
28.0	0.2784-0.0113i	0.0120-0.0246i	1.5159+0.1170i	0.2811-0.0092i	-0.0151-0.0173i	-0.0260+0.0282i	0.2986+0.0062i	0.0567-0.0182i
28.1	0.2843-0.0012i	0.0056-0.0248i	1.2170+0.3461i	0.2904+0.0156i	-0.0177-0.0138i	-0.0450-0.0164i	0.3065+0.0178i	0.0478-0.0089i
28.2	0.3055-0.0115i	0.0323-0.0198i	1.8675+0.5266i	0.2939-0.0138i	-0.0385-0.0228i	-0.0351+0.0354i	0.3280+0.0147i	0.0608-0.0184i
28.3	0.3007-0.0163i	0.0296-0.0315i	1.8572+0.4729i	0.2972+0.0027i	-0.0437-0.0139i	-0.0292+0.0030i	0.3197+0.0034i	0.0503-0.0102i
28.4	0.3033-0.0104i	0.0186-0.0356i	1.6420+0.2282i	0.3126+0.0038i	-0.0490+0.0006i	-0.0156-0.0036i	0.3239+0.0053i	0.0357-0.0184i
28.5	0.3047-0.0046i	0.0070-0.0455i	1.2596-0.1300i	0.3001+0.0294i	-0.0307+0.0086i	-0.0148-0.0826i	0.3157+0.0133i	0.0205-0.0225i
28.6	0.3223-0.0112i	0.0174-0.0467i	1.4841+0.1101i	0.3168+0.0090i	-0.0449-0.0006i	-0.0363-0.0563i	0.3331+0.0067i	0.0208-0.0242i
28.7	0.3438-0.0156i	0.0122-0.0559i	1.4676+0.0853i	0.3452+0.0083i	-0.0463+0.0068i	-0.0465-0.0873i	0.3528+0.0114i	0.0146-0.0223i
28.8	0.3467-0.0142i	0.0062-0.0652i	1.4765+0.0121i	0.3666+0.0253i	-0.0465+0.0142i	-0.0802-0.1137i	0.3649+0.0093i	0.0150-0.0278i
28.9	0.3564-0.0120i	0.0056-0.0501i	1.1937+0.3803i	0.3694+0.0313i	-0.0326+0.0145i	-0.0693-0.1113i	0.3657+0.0166i	0.0074-0.0100i
29.0	0.3703-0.0086i	-0.0027-0.0599i	1.3585+0.3901i	0.3805+0.0254i	-0.0356+0.0144i	-0.0649-0.1309i	0.3724+0.0223i	0.0085-0.0116i
29.1	0.3818-0.0239i	0.0101-0.0652i	1.8466+0.2418i	0.4023+0.0177i	-0.0448+0.0186i	-0.0793-0.1209i	0.3959+0.0124i	0.0260-0.0129i
29.2	0.4146-0.0327i	0.0061-0.0780i	1.8468+0.1695i	0.4267+0.0091i	-0.0446+0.0112i	-0.0956-0.1283i	0.4214+0.0012i	0.0182-0.0227i
29.3	0.4293-0.0449i	0.0122-0.0873i	2.0864-0.1319i	0.4448+0.0108i	-0.0538+0.0281i	-0.0925-0.1382i	0.4364-0.0014i	0.0129-0.0256i
29.4	0.4266-0.0432i	-0.0214-0.0858i	1.5730-0.3309i	0.4472+0.0031i	-0.0295+0.0284i	-0.1037-0.1633i	0.4317-0.0116i	0.0050-0.0249i
29.5	0.4234-0.0450i	-0.0471-0.0739i	1.1863-0.0839i	0.4599+0.0108i	-0.0232+0.0202i	-0.1199-0.1790i	0.4256+0.0031i	-0.0091-0.0088i
29.6	0.4277-0.0439i	-0.0561-0.0744i	1.0721-0.1141i	0.4613+0.0012i	-0.0300+0.0250i	-0.1371-0.1826i	0.4303-0.0005i	-0.0226-0.0123i
29.7	0.4431-0.0541i	-0.0626-0.0911i	1.2288-0.6316i	0.4612+0.0026i	-0.0203+0.0164i	-0.0882-0.2048i	0.4394-0.0139i	-0.0255-0.0414i
29.8	0.4494-0.0550i	-0.0448-0.0824i	1.6566-0.2854i	0.4848+0.0024i	-0.0293+0.0114i	-0.1487-0.1950i	0.4652-0.0077i	0.0087-0.0259i
29.9	0.4628-0.0707i	-0.0614-0.0554i	1.0112-0.0652i	0.4960-0.0114i	-0.0259+0.0109i	-0.1567-0.2089i	0.4670-0.0085i	-0.0239-0.0097i
30.0	0.4712-0.0704i	-0.0845-0.0475i	0.6415+0.0343i	0.5055-0.0060i	-0.0256+0.0058i	-0.1287-0.2657i	0.4676-0.0070i	-0.0437-0.0044i
30.1	0.4921-0.0592i	-0.0711-0.0343i	0.9991+0.3759i	0.5376+0.0009i	-0.0338-0.0008i	-0.1300-0.2623i	0.4916+0.0113i	-0.0390+0.0177i
30.2	0.5089-0.0729i	-0.0705-0.0229i	0.7137+0.5103i	0.5461-0.0178i	-0.0262+0.0040i	-0.1095-0.3039i	0.5007+0.0125i	-0.0436+0.0408i
30.3	0.5057-0.0870i	-0.0851-0.0139i	0.7620+0.4024i	0.5531-0.0249i	-0.0235+0.0026i	-0.1151-0.3357i	0.4985-0.0008i	-0.0468+0.0272i
30.4	0.5134-0.1096i	-0.0949-0.0426i	0.9384-0.1732i	0.5564-0.0278i	-0.0310+0.0168i	-0.1334-0.3990i	0.5058-0.0161i	-0.0593+0.0210i
30.5	0.5039-0.1095i	-0.1313-0.0352i	0.4520-0.2028i	0.5684-0.0098i	-0.0271+0.0090i	-0.1916-0.4597i	0.4961-0.0076i	-0.1008+0.0264i
30.6	0.5204-0.1178i	-0.1262-0.0456i	0.8213-0.2467i	0.6042-0.0126i	-0.0214+0.0053i	-0.2295-0.4470i	0.5362-0.0110i	-0.0645+0.0186i
30.7	0.5495-0.1377i	-0.1169-0.0311i	0.8552-0.0415i	0.6269-0.0472i	-0.0252+0.0057i	-0.2669-0.4765i	0.5681-0.0151i	-0.0482+0.0420i
30.8	0.5476-0.1592i	-0.1210-0.0293i	0.7916-0.1478i	0.6279-0.0672i	-0.0341+0.0073i	-0.2909-0.4955i	0.5702-0.0353i	-0.0580+0.0407i

30.9	0.5349−0.1653i	−0.1795−0.0912i	0.8405−1.0992i	0.6341−0.0502i	−0.0354+0.0158i	−0.3024−0.4631i	0.5640−0.0573i	−0.0972−0.0377i
31.0	0.5471−0.1569i	−0.1631−0.0551i	0.9582−0.6157i	0.6669−0.0724i	−0.0357+0.0151i	−0.3720−0.4853i	0.5972−0.0444i	−0.0748+0.0064i
31.1	0.5743−0.1640i	−0.1195−0.0061i	1.1137−0.0542i	0.6819−0.0722i	−0.0505+0.0053i	−0.4240−0.5425i	0.6281−0.0349i	−0.0496+0.0504i
31.2	0.5730−0.1689i	−0.0935+0.0299i	1.0599+0.2884i	0.6902−0.1005i	−0.0560+0.0238i	−0.4786−0.5947i	0.6360−0.0156i	−0.0267+0.1453i
31.3	0.5651−0.1729i	−0.1537−0.0060i	0.9465−0.4686i	0.6859−0.0890i	−0.0504+0.0359i	−0.4916−0.5317i	0.6282−0.0378i	−0.0740+0.0971i
31.4	0.5693−0.1632i	−0.2017+0.0085i	0.8556−0.7556i	0.7023−0.0789i	−0.0468+0.0222i	−0.4668−0.5426i	0.6192−0.0373i	−0.1238+0.0881i
31.5	0.5966−0.1508i	0.0026+0.0563i	1.4684+0.7706i	0.6819−0.0873i	−0.0428+0.0026i	−0.6502−0.5802i	0.7094−0.0087i	0.1354+0.1454i
31.6	0.6134−0.1440i	0.0692+0.1052i	1.2044+1.3849i	0.6821−0.1159i	−0.0361+0.0013i	−0.7569−0.5833i	0.7543+0.0049i	0.2384+0.2090i
31.7	0.6083−0.1649i	−0.0388+0.1997i	−0.0503+0.4946i	0.6993−0.1660i	−0.0214+0.0324i	−0.6664−0.6708i	0.7174+0.0140i	0.1079+0.3431i
31.8	0.6342−0.1560i	−0.0121+0.0924i	0.7200+0.3507i	0.7260−0.1121i	−0.0178+0.0185i	−0.7125−0.5628i	0.7648−0.0216i	0.1737+0.1676i
31.9	0.6435−0.1647i	−0.1090+0.1081i	0.3334−0.3712i	0.7777−0.1279i	−0.0200+0.0157i	−0.6339−0.5447i	0.7408−0.0332i	0.0569+0.1514i
32.0	0.6467−0.1661i	−0.0668+0.2080i	−0.3517−0.0453i	0.7817−0.1504i	−0.0002+0.0117i	−0.7083−0.6287i	0.7602−0.0230i	0.0938+0.2587i
32.1	0.6675−0.1730i	0.0050+0.1588i	0.1586+0.2513i	0.7785−0.1470i	−0.0385+0.0128i	−0.7754−0.5720i	0.7905−0.0302i	0.1183+0.2145i
32.2	0.6667−0.1576i	0.0392+0.2302i	−0.6139+0.4147i	0.7585−0.1443i	−0.0067+0.0112i	−0.8182−0.6864i	0.7964−0.0017i	0.2135+0.3189i
32.3	0.7237−0.1840i	−0.0084−0.0058i	1.1044+0.0457i	0.8123−0.1065i	−0.0222+0.0232i	−0.7688−0.4978i	0.8758−0.0814i	0.2191+0.0548i
32.4	0.7479−0.2133i	−0.0111−0.0345i	1.2351−0.1114i	0.8307−0.1692i	−0.0304+0.0584i	−0.7631−0.4931i	0.8929−0.0978i	0.2239+0.0893i
32.5	0.7317−0.2000i	0.0721+0.0931i	−0.0213+0.4454i	0.8272−0.1625i	−0.0092+0.0243i	−0.9689−0.5882i	0.8939−0.0803i	0.3117+0.1417i
32.6	0.7271−0.1997i	0.0572+0.1478i	−0.6553+0.1125i	0.8336−0.1584i	0.0094+0.0171i	−0.9932−0.6210i	0.8935−0.0791i	0.3007+0.1624i
32.7	0.7802−0.2229i	−0.0091+0.0724i	0.2018−0.4450i	0.8914−0.1624i	−0.0077+0.0524i	−0.9348−0.5614i	0.9335−0.1182i	0.2376+0.1218i
32.8	0.7972−0.2296i	−0.0332+0.0141i	0.4844−0.5652i	0.9096−0.1774i	0.0049+0.0579i	−0.9138−0.5197i	0.9423−0.1290i	0.2208+0.0836i
32.9	0.8184−0.2227i	0.0200−0.0149i	0.1722+0.4349i	0.9210−0.1623i	0.0003−0.0003i	−1.0386−0.4487i	0.9808−0.1508i	0.2670−0.0382i
33.0	0.8453−0.2160i	0.0144−0.0730i	0.6284+0.7866i	0.9910−0.1399i	−0.0307−0.0032i	−1.0416−0.3572i	0.9936−0.1615i	0.1785−0.1185i
33.1	0.8663−0.2375i	−0.0163−0.0542i	0.8191+0.1887i	0.9817−0.1871i	−0.0291+0.0348i	−1.0032−0.3419i	1.0062−0.1640i	0.1763−0.0099i
33.2	0.8570−0.2423i	0.0001−0.0316i	0.5065+0.3810i	0.9929−0.1755i	−0.0173+0.0123i	−1.0363−0.3377i	1.0038−0.1797i	0.2039−0.0711i
33.3	0.8832−0.2401i	−0.0478−0.0840i	1.0242+0.5809i	1.0473−0.1682i	−0.0231+0.0123i	−0.9905−0.2321i	1.0215−0.1873i	0.1253−0.0966i
33.4	0.8990−0.2244i	−0.0673−0.0279i	0.5511+0.0333i	1.0367−0.1479i	0.0033−0.0121i	−0.9244−0.2919i	1.0339−0.1801i	0.1661−0.0968i
33.5	0.9179−0.2133i	−0.0602−0.0154i	0.2986+0.0032i	1.0261−0.1516i	0.0173−0.0126i	−0.8800−0.3311i	1.0404−0.1691i	0.2055−0.0701i
33.6	0.9628−0.1952i	−0.1063−0.0244i	0.7223−0.2471i	1.0890−0.1334i	0.0157−0.0029i	−0.7888−0.3456i	1.0883−0.1369i	0.1976−0.0329i
33.7	1.0416−0.1265i	−0.0764−0.0302i	0.7414+0.0991i	1.1389−0.0644i	0.0053−0.0344i	−0.7752−0.3713i	1.1560−0.0739i	0.2299−0.0583i
33.8	1.1532−0.1294i	−0.1158−0.0895i	1.5686+0.3166i	1.2732−0.0253i	−0.0148−0.0515i	−0.7524−0.4398i	1.2482−0.0823i	0.1604−0.1571i
33.9	1.2391−0.1643i	−0.0746−0.0717i	1.0047+0.8807i	1.3682−0.0140i	−0.0328−0.0961i	−0.8750−0.5935i	1.3324−0.0998i	0.1839−0.2186i
34.0	1.3074−0.2158i	−0.0545−0.0099i	0.1851+0.6338i	1.4384−0.0647i	−0.0532−0.1231i	−0.9447−0.7950i	1.3935−0.1380i	0.1810−0.2343i
34.1	1.4354−0.2950i	−0.1344−0.0079i	0.7707−0.4259i	1.5865−0.1309i	−0.0613−0.1039i	−0.9243−0.9304i	1.5198−0.2120i	0.1576−0.2203i
34.2	1.5268−0.4246i	−0.1393−0.0282i	1.1329−0.3499i	1.7096−0.2280i	−0.0934−0.1157i	−1.1122−0.9972i	1.6298−0.3391i	0.1274−0.3098i
34.3	1.5568−0.4470i	−0.0893−0.0491i	0.9637+0.4573i	1.7817−0.2497i	−0.1470−0.1152i	−1.3730−0.9661i	1.6790−0.3560i	0.0863−0.3492i
34.4	1.5641−0.5195i	−0.0776−0.0342i	0.5761+0.4890i	1.8144−0.3294i	−0.1812−0.1140i	−1.5587−0.8992i	1.6883−0.4403i	0.0478−0.3395i
34.5	1.6341−0.6192i	−0.1063−0.0534i	0.8418+0.1151i	1.8956−0.4281i	−0.1874−0.0842i	−1.6699−0.8732i	1.7419−0.5498i	−0.0107−0.3405i
34.6	1.6019−0.6991i	−0.1087−0.0153i	0.3541−0.1550i	1.9075−0.5333i	−0.1949−0.0804i	−1.8009−0.8537i	1.7078−0.6346i	−0.0484−0.3354i
34.7	1.6806−0.7625i	−0.1239−0.0331i	0.4404+0.1659i	1.9988−0.5968i	−0.2083−0.0590i	−1.9269−0.7699i	1.7926−0.7088i	−0.0600−0.3474i
34.8	1.7171−0.8236i	−0.1228−0.0570i	0.5284+0.3981i	2.0581−0.6736i	−0.2090−0.0375i	−1.9995−0.6804i	1.8237−0.7936i	−0.0729−0.3791i
34.9	1.7651−0.9187i	−0.1299−0.1087i	0.9147+0.8508i	2.1192−0.7698i	−0.2261−0.0142i	−2.0678−0.5132i	1.8554−0.8851i	−0.1209−0.3926i
35.0	1.7909−1.0233i	−0.1754−0.0950i	0.9596+0.7152i	2.1531−0.9068i	−0.2289+0.0030i	−2.1241−0.4182i	1.8654−0.9964i	−0.1563−0.3735i
35.1	1.8088−1.0951i	−0.1792−0.0764i	0.7660+0.7275i	2.2049−0.9988i	−0.2367+0.0081i	−2.2274−0.3114i	1.8600−1.0700i	−0.2014−0.3558i
35.2	1.8343−1.2168i	−0.2279−0.0800i	1.2801+0.6102i	2.2391−1.1339i	−0.2326+0.0300i	−2.2210−0.1953i	1.8776−1.1913i	−0.2352−0.3593i
35.3	1.8540−1.3332i	−0.2727−0.0814i	1.6059+0.7665i	2.2647−1.2902i	−0.2326+0.0401i	−2.2292−0.0597i	1.8622−1.2961i	−0.3000−0.3335i
35.4	1.8573−1.3871i	−0.2046−0.0463i	0.7159+1.2946i	2.2476−1.3787i	−0.2706+0.0309i	−2.2714+0.1078i	1.8506−1.3171i	−0.3013−0.2746i
35.5	1.7931−1.4652i	−0.1560+0.0471i	−0.3831+0.8840i	2.1432−1.5059i	−0.2754+0.0208i	−2.2512+0.1823i	1.7759−1.3673i	−0.2836−0.1937i
35.6	1.7709−1.6268i	−0.2096+0.0587i	0.3387+0.5406i	2.1438−1.6677i	−0.2726+0.0426i	−2.2249+0.2150i	1.7513−1.5078i	−0.3107−0.1754i
35.7	1.7529−1.7093i	−0.2497+0.0934i	0.6548+0.2182i	2.1210−1.7595i	−0.2801+0.0557i	−2.2388+0.2343i	1.7309−1.5457i	−0.3455−0.1267i
35.8	1.6964−1.7841i	−0.2363+0.0939i	0.6419+0.5671i	2.0577−1.8546i	−0.2955+0.0793i	−2.1870+0.3172i	1.6803−1.6121i	−0.3346−0.1098i
35.9	1.6779−1.8736i	−0.1632+0.0856i	−0.1573+1.2822i	1.9937−1.9293i	−0.3291+0.0943i	−2.2111+0.3979i	1.6642−1.6802i	−0.3059−0.1148i
36.0	1.6077−1.9788i	−0.1848+0.1385i	0.2793+0.8385i	1.9286−2.0406i	−0.3404+0.1182i	−2.2167+0.4158i	1.5968−1.7534i	−0.3525−0.0747i
36.1	1.6110−2.0743i	−0.1775+0.1677i	0.3151+0.5496i	1.9321−2.1245i	−0.3498+0.1376i	−2.2537+0.4709i	1.6022−1.8352i	−0.3669−0.0712i
36.2	1.5678−2.1126i	−0.1417+0.1330i	0.2859+1.1027i	1.8778−2.1483i	−0.3559+0.1806i	−2.2600+0.5467i	1.5669−1.8726i	−0.3513−0.0860i
36.3	1.5055−2.1632i	−0.1520+0.1953i	0.3699+0.2298i	1.8106−2.1938i	−0.3438+0.2024i	−2.1969+0.5435i	1.5101−1.8938i	−0.3507−0.0206i
36.4	1.5256−2.2758i	−0.1349+0.1999i	0.6847+0.1592i	1.8552−2.3264i	−0.3628+0.2433i	−2.2720+0.6462i	1.5332−1.9897i	−0.3791+0.0113i
36.5	1.5341−2.3627i	−0.1108+0.1961i	0.7734+0.2816i	1.8855−2.3942i	−0.3579+0.2769i	−2.3022+0.6996i	1.5344−2.0582i	−0.3980+0.0158i
36.6	1.4756−2.4310i	−0.0673+0.1402i	0.7315+0.7996i	1.8327−2.4498i	−0.3582+0.3270i	−2.3055+0.7769i	1.5076−2.0991i	−0.3796+0.0191i
36.7	1.4590−2.5746i	−0.0996+0.1156i	1.3483+0.3554i	1.8212−2.5882i	−0.3373+0.3862i	−2.2568+0.8999i	1.4802−2.2295i	−0.4160+0.0321i
36.8	1.3903−2.6198i	−0.1344+0.1491i	1.4505−0.3430i	1.7726−2.6518i	−0.3029+0.4031i	−2.1726+0.9029i	1.4089−2.2563i	−0.4450+0.0617i
36.9	1.3779−2.7849i	−0.1285+0.1220i	1.4251+0.0128i	1.7829−2.8239i	−0.2962+0.4649i	−2.1817+1.0616i	1.4143−2.3926i	−0.4435+0.0847i
37.0	1.2621−2.8680i	−0.1055+0.0746i	0.9913+0.0312i	1.6446−2.9126i	−0.2502+0.5257i	−2.0951+1.1451i	1.3206−2.4584i	−0.4306+0.1278i
37.1	1.2347−2.9821i	−0.1602+0.0773i	1.1989−0.1025i	1.6189−3.0241i	−0.1981+0.5276i	−2.0305+1.1066i	1.2843−2.5321i	−0.4325+0.1346i

37.2	1.1579-3.1021i	-0.1752+0.0863i	0.9261-0.2647i	1.5420-3.1125i	-0.1689+0.5812i	-1.9618+1.1364i	1.2277-2.6128i	-0.4471+0.1467i
37.3	1.1022-3.2172i	-0.1859+0.1287i	0.5225-1.1366i	1.4894-3.2341i	-0.1195+0.5901i	-1.8705+1.1326i	1.1892-2.6715i	-0.4436+0.2171i
37.4	1.0290-3.3867i	-0.1981+0.0375i	1.2999-0.1533i	1.4480-3.3970i	-0.0797+0.6631i	-1.8794+1.2861i	1.1228-2.8194i	-0.4719+0.2182i
37.5	0.9180-3.5060i	-0.2606+0.0397i	1.4176+0.1704i	1.3585-3.5062i	-0.0062+0.6832i	-1.7374+1.2362i	1.0603-2.8809i	-0.4707+0.2567i
37.6	0.7106-3.6070i	-0.2809+0.0650i	0.9902-0.3875i	1.1891-3.5936i	0.0824+0.7014i	-1.6312+1.1752i	0.9143-2.9294i	-0.4613+0.3244i
37.7	0.5480-3.7907i	-0.3257+0.0649i	0.8761-0.4893i	1.0533-3.7617i	0.1743+0.7207i	-1.5991+1.1514i	0.8349-3.0483i	-0.4180+0.3736i
37.8	0.4179-3.8747i	-0.3077+0.0676i	-0.0853-0.8394i	0.9486-3.8375i	0.2265+0.7125i	-1.6626+1.0309i	0.7957-3.0968i	-0.3349+0.4123i
37.9	0.1743-3.9499i	-0.4069+0.1415i	0.3462-1.0792i	0.7586-3.9244i	0.3533+0.6589i	-1.6205+0.9238i	0.6648-3.1660i	-0.3207+0.4389i
38.0	-0.0391-3.9370i	-0.4648+0.2282i	0.3626-1.3756i	0.6072-3.9573i	0.4456+0.5782i	-1.7030+0.7850i	0.5575-3.1481i	-0.3048+0.5028i
38.1	-0.3007-3.9204i	-0.5385+0.3160i	0.8474-0.9959i	0.4190-3.9795i	0.5333+0.4862i	-1.7701+0.7944i	0.4162-3.1920i	-0.2667+0.5264i
38.2	-0.4212-3.8902i	-0.5380+0.3684i	0.7298-0.6051i	0.3396-4.0035i	0.5728+0.4271i	-1.8913+0.8066i	0.3903-3.2135i	-0.1933+0.4902i
38.3	-0.5737-3.9253i	-0.5692+0.4039i	0.4913+0.0182i	0.2273-4.0825i	0.6292+0.3793i	-2.0276+0.9508i	0.3542-3.3298i	-0.1175+0.4577i
38.4	-0.7155-3.9134i	-0.5850+0.5200i	0.7376-0.1992i	0.1192-4.1251i	0.6613+0.2837i	-2.0476+0.9344i	0.2639-3.3873i	-0.1347+0.4694i
38.5	-0.8714-3.9441i	-0.5025+0.6271i	0.3160-0.5549i	-0.0362-4.2127i	0.6509+0.1999i	-2.2143+0.9139i	0.1670-3.4490i	-0.0709+0.5002i
38.6	-1.0265-3.9221i	-0.5043+0.6924i	0.7345+0.2621i	-0.1562-4.2550i	0.6850+0.1223i	-2.2627+1.0362i	0.0793-3.5649i	-0.0305+0.4173i
38.7	-1.2172-3.7990i	-0.4264+0.7668i	0.8281+0.1444i	-0.3424-4.2113i	0.6743+0.0192i	-2.2952+1.1105i	-0.0938-3.5771i	-0.0044+0.3579i
38.8	-1.3904-3.6620i	-0.2961+0.8490i	-0.0158-0.3389i	-0.5583-4.1375i	0.6086-0.0828i	-2.3963+1.1742i	-0.2873-3.5752i	-0.0100+0.3051i
38.9	-1.5234-3.6316i	-0.2149+0.9134i	0.2540-0.1436i	-0.6819-4.1934i	0.5656-0.1619i	-2.5268+1.2842i	-0.4483-3.6186i	-0.0471+0.3173i
39.0	-1.6246-3.6147i	-0.1554+0.9214i	0.5565+0.3901i	-0.7996-4.2398i	0.5252-0.2081i	-2.5669+1.4676i	-0.5779-3.6848i	-0.0759+0.2977i
39.1	-1.7312-3.4908i	-0.0401+0.9521i	0.5903-0.0378i	-0.9332-4.1779i	0.4540-0.2601i	-2.6306+1.5965i	-0.7495-3.6545i	-0.1119+0.2745i
39.2	-1.8785-3.4220i	0.0776+0.9824i	0.5438-0.6203i	-1.1066-4.1969i	0.3965-0.3040i	-2.7544+1.8342i	-0.9243-3.6643i	-0.1259+0.2984i
39.3	-1.9845-3.3574i	0.1478+0.9667i	0.8198-0.1947i	-1.2457-4.1945i	0.3530-0.3284i	-2.7561+2.0445i	-1.0742-3.6562i	-0.1593+0.2971i
39.4	-2.0963-3.2282i	0.2243+0.9358i	1.1158-0.2427i	-1.4163-4.1262i	0.2833-0.3486i	-2.6878+2.2337i	-1.2614-3.5640i	-0.1838+0.3282i
39.5	-2.2063-3.1180i	0.3121+0.8964i	1.3445-0.6719i	-1.5913-4.0993i	0.2238-0.3406i	-2.5918+2.5279i	-1.4276-3.5026i	-0.1800+0.3669i
39.6	-2.3362-2.9916i	0.4078+0.8262i	0.6222-0.4987i	-1.7970-4.0404i	0.1658-0.3375i	-2.4471+2.8892i	-1.6199-3.4102i	-0.1628+0.4219i
39.7	-2.4382-2.9048i	0.4473+0.7796i	0.7686-0.1785i	-1.9689-4.0075i	0.1237-0.3431i	-2.2881+3.0851i	-1.7841-3.3115i	-0.1579+0.5053i
39.8	-2.4746-2.7866i	0.4789+0.7530i	1.0511-0.7626i	-2.0969-3.9061i	0.0754-0.3444i	-2.0435+3.1409i	-1.8842-3.1985i	-0.1376+0.5342i
39.9	-2.5147-2.5762i	0.5027+0.6978i	0.4068-1.2173i	-2.2282-3.6649i	0.0518-0.3296i	-1.8860+3.1147i	-1.9578-2.9748i	-0.0728+0.5464i
40.0	-2.5870-2.4615i	0.5532+0.6534i	0.5278-1.0540i	-2.3754-3.5958i	0.0015-0.3080i	-1.6666+3.3968i	-2.0947-2.8795i	-0.0753+0.5782i
40.1	-2.6542-2.3679i	0.5746+0.6098i	1.6114-1.3611i	-2.5274-3.5204i	-0.0270-0.2812i	-1.3403+3.4917i	-2.1788-2.7812i	-0.0092+0.5947i
40.2	-2.6139-2.2365i	0.5880+0.5706i	0.7480-0.9945i	-2.6146-3.3326i	-0.0542-0.2725i	-0.9627+3.4079i	-2.2247-2.6342i	0.0406+0.5839i
40.3	-2.5666-2.1094i	0.5949+0.4751i	-0.6034+0.6051i	-2.6644-3.2053i	-0.0580-0.2526i	-0.6790+3.5432i	-2.2223-2.5183i	0.1154+0.5790i
40.4	-2.5683-1.9936i	0.5988+0.4530i	-0.7101+0.0837i	-2.7277-3.0329i	-0.0785-0.2313i	-0.4535+3.3520i	-2.2426-2.3561i	0.1461+0.5804i
40.5	-2.5902-1.8877i	0.6393+0.4562i	-0.0249-1.3582i	-2.8069-2.8875i	-0.1044-0.2288i	-0.3046+3.1224i	-2.2862-2.1848i	0.1832+0.6118i
40.6	-2.5746-1.8234i	0.6538+0.4143i	0.7958-1.6402i	-2.8236-2.7802i	-0.1153-0.2102i	-0.0583+2.9926i	-2.2877-2.1272i	0.2264+0.5489i
40.7	-2.5912-1.8121i	0.6512+0.3898i	1.2388-0.0228i	-2.8931-2.7554i	-0.1403-0.2065i	0.1433+2.9691i	-2.3125-2.0898i	0.2694+0.5475i
40.8	-2.5116-1.7582i	0.6432+0.3502i	0.5070+0.2594i	-2.8319-2.6013i	-0.1480-0.2018i	0.1834+2.6693i	-2.2582-1.9877i	0.2783+0.5132i
40.9	-2.5190-1.6588i	0.6605+0.2866i	-0.5035+0.4260i	-2.8766-2.4666i	-0.1905-0.1785i	0.1763+2.6490i	-2.2502-1.9064i	0.3056+0.4708i
41.0	-2.4648-1.5967i	0.6562+0.2815i	-0.2368+0.6803i	-2.8912-2.3835i	-0.1902-0.1438i	0.4268+2.5050i	-2.2539-1.8048i	0.3229+0.4934i
41.1	-2.4490-1.5580i	0.6713+0.2493i	-0.0757+0.5501i	-2.8970-2.2406i	-0.1924-0.1373i	0.5402+2.1760i	-2.2286-1.7219i	0.3854+0.4492i
41.2	-2.4458-1.5049i	0.6870+0.2258i	-0.2387-0.4159i	-2.8929-2.1423i	-0.2091-0.1257i	0.4411+1.9198i	-2.2060-1.6558i	0.3871+0.3955i
41.3	-2.4531-1.4373i	0.7176+0.2143i	0.0222-1.0499i	-2.8914-1.9935i	-0.2425-0.0868i	0.4140+1.5998i	-2.2086-1.5591i	0.3807+0.3641i
41.4	-2.3935-1.3574i	0.8072+0.1701i	-0.7205-1.1801i	-2.8187-1.8767i	-0.2348-0.0667i	0.1191+1.5750i	-2.1079-1.4355i	0.4244+0.4121i
41.5	-2.4028-1.2860i	0.8031+0.0886i	-1.0328-1.1959i	-2.8051-1.7860i	-0.2216-0.0431i	0.0242+1.5453i	-2.1185-1.3721i	0.4495+0.3734i
41.6	-2.3801-1.2683i	0.7425+0.0553i	-0.1204-1.3309i	-2.7636-1.7435i	-0.1916-0.0792i	0.0835+1.5095i	-2.1029-1.3555i	0.4592+0.3016i
41.7	-2.3528-1.2941i	0.7891+0.0248i	-0.3838-1.6953i	-2.7504-1.7261i	-0.2727-0.0997i	0.0221+1.2946i	-2.0572-1.3625i	0.4290+0.2157i
41.8	-2.2817-1.2859i	0.7539-0.0273i	-0.8628-1.0972i	-2.6619-1.7238i	-0.2683-0.0338i	-0.1106+1.4013i	-1.9832-1.3437i	0.4228+0.2494i
41.9	-2.2962-1.3354i	0.7547-0.1213i	-0.8706-0.3334i	-2.7093-1.7365i	-0.2940-0.0226i	-0.0308+1.3587i	-1.9855-1.4038i	0.4557+0.1655i
42.0	-2.3222-1.3173i	0.7256-0.1194i	-0.4832-0.5635i	-2.6714-1.6713i	-0.3407+0.0458i	-0.2776+1.1833i	-1.9790-1.3430i	0.3717+0.2098i
42.1	-2.3768-1.3396i	0.6489-0.2220i	-0.6536-0.0315i	-2.7032-1.6508i	-0.3067+0.0774i	-0.4317+1.1421i	-2.0137-1.3663i	0.3574+0.1394i
42.2	-2.2504-1.2830i	0.5558-0.1621i	-0.8631+0.1513i	-2.5441-1.6570i	-0.2585+0.1117i	-0.3574+1.4546i	-1.9208-1.3147i	0.3276+0.2265i
42.3	-2.3122-1.3668i	0.5954-0.1097i	-0.2414+0.1233i	-2.6330-1.6786i	-0.2794+0.1124i	-0.3256+1.1499i	-1.9183-1.3456i	0.3994+0.2072i
42.4	-2.3981-1.3819i	0.6338-0.1419i	-0.2399+0.3292i	-2.6927-1.7077i	-0.2644+0.1638i	-0.4729+1.2535i	-1.9682-1.3857i	0.4220+0.2459i
42.5	-2.4588-1.3471i	0.6191-0.1860i	-0.5934+0.8397i	-2.7470-1.6261i	-0.1810+0.1331i	-0.6504+1.1773i	-1.9725-1.3211i	0.5123+0.2072i
42.6	-2.4988-1.3236i	0.6301-0.1864i	0.2480+0.0413i	-2.7246-1.6634i	-0.2175+0.1172i	-0.7953+1.3185i	-1.9610-1.3682i	0.4775+0.1292i
42.7	-2.5092-1.3532i	0.6213-0.2152i	0.4334+0.1311i	-2.8090-1.6564i	-0.2238+0.1629i	-0.6712+1.2735i	-1.9898-1.4357i	0.4872+0.0637i
42.8	-2.6282-1.2223i	0.5978-0.2970i	-0.6218-0.5577i	-2.8790-1.5214i	-0.1961+0.1318i	-0.9092+1.2693i	-2.0841-1.3478i	0.4586+0.0165i
42.9	-2.6250-1.1641i	0.5245-0.2820i	-0.5177-0.2558i	-2.8785-1.4368i	-0.1974+0.0774i	-0.8209+1.1944i	-2.1032-1.3013i	0.4140-0.0899i
43.0	-2.6188-1.0856i	0.5480-0.2066i	0.2339+0.1320i	-2.7462-1.3827i	-0.3056+0.1528i	-1.3077+1.2670i	-2.0560-1.2203i	0.2216+0.0362i
43.1	-2.6310-1.0669i	0.6060-0.3005i	0.5177-0.0653i	-2.8355-1.4656i	-0.2344+0.2311i	-1.1187+1.7557i	-2.0523-1.3036i	0.4099+0.1034i
43.2	-2.6588-1.1072i	0.5495-0.3368i	1.0959+0.1078i	-2.8815-1.5015i	-0.2402+0.2028i	-1.1063+1.7564i	-2.0945-1.3910i	0.3893-0.0055i
43.3	-2.6489-1.0524i	0.5266-0.3800i	-0.0923+0.3981i	-2.9050-1.4416i	-0.2224+0.2473i	-1.0132+1.9599i	-2.1494-1.3552i	0.3552-0.0163i
43.4	-2.6825-1.0038i	0.4078-0.3982i	-0.6721+0.9330i	-2.9428-1.3229i	-0.2048+0.2017i	-0.8892+1.7514i	-2.2409-1.2773i	0.2739-0.1082i

43.5	-2.6536-0.9091i	0.4432-0.3478i	-0.8730+0.1171i	-2.8985-1.3367i	-0.1920+0.2789i	-1.0935+2.0606i	-2.2070-1.2033i	0.2501+0.0954i
43.6	-2.6552-0.8483i	0.4658-0.3961i	-2.2732-0.6865i	-2.9667-1.2566i	-0.1056+0.2329i	-0.8569+1.9549i	-2.2586-1.1517i	0.3404+0.0419i
43.7	-2.6725-0.8228i	0.3849-0.3722i	-1.1667-1.0095i	-2.9652-1.2279i	-0.1620+0.1870i	-0.8120+1.9709i	-2.2736-1.1387i	0.2804-0.0283i
43.8	-2.7067-0.9183i	0.4553-0.3179i	-0.2599-0.3949i	-2.9962-1.3312i	-0.2106+0.2362i	-0.8946+2.1247i	-2.2826-1.2220i	0.2677+0.0650i
43.9	-2.6809-0.9066i	0.4341-0.3374i	-1.0403+0.6249i	-3.0726-1.3175i	-0.1385+0.3204i	-0.4761+2.3196i	-2.3513-1.2482i	0.3267+0.0906i
44.0	-2.7546-0.8459i	0.4517-0.4573i	-1.1066+0.3097i	-3.1685-1.2208i	-0.1026+0.3118i	-0.4034+2.2053i	-2.4415-1.2007i	0.3703+0.0077i
44.1	-2.7843-0.7684i	0.3669-0.3734i	0.2839-0.3862i	-3.2184-1.1033i	-0.0735+0.2699i	-0.1812+1.9803i	-2.5393-1.0755i	0.3039-0.0120i
44.2	-2.8455-0.7269i	0.4746-0.4450i	0.4137+0.0253i	-3.2397-1.0010i	-0.0406+0.2604i	-0.3252+1.7016i	-2.5553-0.9670i	0.3636-0.0026i
44.3	-2.7499-0.6136i	0.3673-0.5344i	-0.7660-0.3210i	-3.1618-0.8729i	-0.0094+0.2041i	-0.4403+1.8354i	-2.4960-0.8644i	0.3583-0.0769i
44.4	-2.7414-0.6817i	0.4087-0.4685i	-0.5317-1.1541i	-3.2109-0.9143i	-0.0711+0.1767i	-0.3002+1.6720i	-2.5014-0.9116i	0.3349-0.0928i
44.5	-2.8680-0.6539i	0.3832-0.5766i	-0.9457-0.9742i	-3.2937-0.8416i	-0.1313+0.1457i	-0.6094+1.6332i	-2.5602-0.8927i	0.2907-0.2084i
44.6	-2.8477-0.5848i	0.2934-0.6126i	-0.1751-0.8082i	-3.2496-0.8195i	-0.1592+0.2370i	-0.5744+1.8668i	-2.5681-0.8717i	0.2119-0.1238i
44.7	-2.8077-0.5725i	0.3555-0.5813i	-0.3408-1.0198i	-3.2705-0.8336i	-0.1122+0.2978i	-0.1431+1.9405i	-2.6398-0.8594i	0.2228-0.0629i
44.8	-2.9151-0.5305i	0.2492-0.7050i	0.2202-0.8829i	-3.4141-0.6913i	-0.0309+0.2836i	-0.1283+1.6226i	-2.7704-0.7733i	0.2442-0.1432i
44.9	-2.8919-0.4563i	0.1144-0.7260i	-1.1671-0.0546i	-3.3559-0.6230i	-0.0553+0.2427i	-0.2820+1.9166i	-2.7256-0.7345i	0.2227-0.2068i
45.0	-2.7975-0.4821i	0.0063-0.5741i	-2.1382+0.4724i	-3.2765-0.5337i	-0.0614+0.1949i	-0.1309+1.4006i	-2.7425-0.5975i	0.0898-0.1711i
45.1	-2.8630-0.3653i	0.1328-0.4767i	-0.8692-1.2893i	-3.2803-0.5326i	-0.1091+0.2298i	-0.6332+1.6592i	-2.6544-0.5043i	0.1265+0.0029i
45.2	-2.9538-0.3689i	0.1323-0.5782i	-0.8416-1.7379i	-3.4781-0.5054i	-0.0671+0.2446i	-0.0695+1.5591i	-2.8695-0.5368i	0.1788-0.0949i
45.3	-2.9420-0.3152i	0.0327-0.5416i	-1.0349-0.6537i	-3.4047-0.3555i	-0.0504+0.1939i	-0.1730+1.2664i	-2.8663-0.3901i	0.1080-0.1340i
45.4	-2.9688-0.3858i	0.0393-0.4367i	0.4404+2.1914i	-3.3592-0.4776i	-0.1377+0.2499i	-0.2867+1.5114i	-2.8215-0.4783i	0.0039-0.0263i
45.5	-3.0634-0.4459i	0.0823-0.5243i	2.0935+2.2750i	-3.5167-0.5278i	-0.0975+0.3195i	-0.1643+1.5455i	-2.9331-0.5422i	0.1246-0.0037i
45.6	-3.0846-0.2841i	0.1091-0.5543i	1.5149-1.2378i	-3.5596-0.3296i	-0.0474+0.2913i	-0.2771+1.3290i	-2.9839-0.3500i	0.1546-0.0422i
45.7	-2.9640-0.2608i	0.1130-0.4954i	-0.7681-1.4074i	-3.4169-0.2555i	-0.0884+0.2399i	-0.4759+1.1953i	-2.8486-0.2438i	0.1002-0.0336i
45.8	-2.9959-0.2640i	0.1170-0.6229i	-1.5391-0.3574i	-3.4053-0.2110i	-0.0508+0.2756i	-0.5814+1.0684i	-2.8350-0.2005i	0.1404-0.0251i
45.9	-3.0142-0.1886i	0.1120-0.6665i	-1.1556-1.5331i	-3.3959-0.1164i	-0.0914+0.2404i	-0.8827+0.9105i	-2.8433-0.1106i	0.0906-0.0579i
46.0	-3.0571-0.1343i	-0.0150-0.6573i	-0.7540-0.6995i	-3.4417-0.1286i	-0.0684+0.2502i	-0.9334+1.2935i	-2.8740-0.1142i	0.1167-0.0296i
46.1	-3.1057-0.1105i	-0.0291-0.6505i	-0.9425+0.2299i	-3.4931-0.0985i	-0.1227+0.2808i	-0.9353+1.4840i	-2.9389-0.0508i	0.0580+0.0182i
46.2	-3.0812-0.1210i	-0.0431-0.7404i	-1.8879+0.1863i	-3.5088-0.1045i	-0.1124+0.3340i	-0.9720+1.7262i	-2.9337-0.0756i	0.0957+0.0249i
46.3	-3.1137-0.0546i	-0.0115-0.7486i	-0.9194-1.2620i	-3.5722-0.0115i	-0.1372+0.3417i	-1.0274+1.6075i	-2.9946+0.0436i	0.0802+0.0430i
46.4	-3.1189+0.0322i	-0.0665-0.7190i	-0.2598-2.6878i	-3.5882+0.0795i	-0.1292+0.3783i	-0.9478+1.6362i	-2.9816+0.1226i	0.1068+0.0333i
46.5	-3.2195+0.0990i	-0.1753-0.7058i	2.7812-3.5916i	-3.7347+0.2046i	-0.1308+0.3468i	-0.7588+1.1882i	-3.1405+0.2776i	0.0836+0.0348i
46.6	-3.1864+0.1040i	-0.0648-0.7769i	-1.1403-4.1081i	-3.6775+0.2972i	-0.0825+0.4379i	-0.9079+1.4502i	-3.0815+0.3965i	0.1156+0.1449i
46.7	-3.2285+0.0560i	-0.1963-0.9629i	-2.1456-1.4188i	-3.7209+0.2565i	0.0102+0.4242i	-0.7847+1.2928i	-3.1041+0.4233i	0.1998+0.1366i
46.8	-3.3013+0.1104i	-0.4196-0.8967i	-0.5018-1.1452i	-3.7976+0.4062i	0.0463+0.3552i	-0.7201+1.0401i	-3.1598+0.5795i	0.2272+0.0449i
46.9	-3.3065+0.2333i	-0.3835-0.7927i	0.4223-2.3676i	-3.6402+0.5680i	-0.0633+0.2743i	-1.7090+0.8369i	-2.9033+0.8314i	0.2338+0.1364i
47.0	-3.3464+0.2274i	-0.5339-0.8167i	-0.1967-1.0980i	-3.6869+0.5379i	-0.0746+0.3292i	-1.5900+1.5382i	-2.8649+0.7361i	0.3075+0.0358i
47.1	-3.5023+0.3161i	-0.6232-0.8229i	1.2770-2.3065i	-3.8384+0.6170i	-0.0901+0.3871i	-1.4589+1.6989i	-2.9413+0.7531i	0.3054-0.0316i
47.2	-3.4979+0.4056i	-0.8330-0.8678i	-1.4988-2.1418i	-3.8521+0.7127i	-0.0755+0.4463i	-1.4497+1.9029i	-2.9950+0.8093i	0.2020-0.0075i
47.3	-3.3853+0.3389i	-0.9305-0.8446i	-3.8156-0.6191i	-3.7428+0.6807i	-0.0155+0.4241i	-1.4963+1.7147i	-2.8590+0.8666i	0.3070+0.0590i
47.4	-3.5102+0.4125i	-1.1033-0.7273i	-2.2095-0.0051i	-3.8801+0.7823i	-0.0517+0.4334i	-1.4970+2.0005i	-2.8888+0.8777i	0.3387-0.0919i
47.5	-3.5610+0.4789i	-1.2452-0.5267i	-2.2599+0.3132i	-3.9099+0.9030i	-0.0615+0.5061i	-1.3365+2.0794i	-2.9439+0.9410i	0.2419-0.0999i
47.6	-3.5859+0.5717i	-1.2835-0.3479i	-0.4933+0.0328i	-3.8813+1.0590i	-0.0537+0.5106i	-1.4633+1.8288i	-2.9082+1.0458i	0.2122-0.1613i
47.7	-3.5208+0.6404i	-1.2508-0.1626i	-0.2913-1.2613i	-3.7974+1.1505i	-0.0155+0.5719i	-1.5479+1.8369i	-2.8505+1.1932i	0.1738-0.0373i
47.8	-3.5157+0.6628i	-1.2574-0.0377i	-4.4639-3.0613i	-3.7417+1.3007i	0.0792+0.6876i	-1.5736+2.3495i	-2.8239+1.2568i	0.1551-0.0505i
47.9	-3.6078+0.6320i	-1.1379+0.0133i	-3.5023-0.5042i	-3.7067+1.3491i	0.0989+0.6116i	-1.7989+1.6031i	-2.6410+1.3744i	0.3229+0.0113i
48.0	-3.7377+0.7782i	-1.2228+0.1633i	-1.5942-1.4791i	-3.7235+1.4467i	0.1274+0.6473i	-2.4340+2.3230i	-2.6648+1.3092i	0.2996-0.2018i
48.1	-3.7485+0.9230i	-1.0582+0.3520i	-0.9371-2.5002i	-3.7118+1.5972i	0.2025+0.7048i	-1.9411+2.7687i	-2.6772+1.4202i	0.2445-0.2208i
48.2	-3.7217+0.9910i	-0.8921+0.4676i	-1.4732-2.9470i	-3.6254+1.6437i	0.2568+0.6306i	-1.3415+2.6450i	-2.6456+1.5002i	0.1279-0.2297i
48.3	-3.7312+0.9341i	-0.9319+0.4895i	-1.9386-0.7301i	-3.6164+1.6211i	0.3084+0.5677i	-1.3116+2.0567i	-2.6013+1.5219i	0.1643-0.1325i
48.4	-3.8253+1.0927i	-0.8677+0.6423i	-1.9581-1.1427i	-3.6094+1.7835i	0.3586+0.5239i	-1.4508+2.1006i	-2.5841+1.6920i	0.1019-0.1081i
48.5	-3.8381+1.1786i	-0.7386+0.6245i	-1.0643-1.9816i	-3.4818+1.8269i	0.3447+0.5255i	-2.1282+2.0980i	-2.3532+1.6707i	0.2518-0.2052i
48.6	-3.9275+1.1282i	-0.7242+0.8197i	-0.7397+2.7437i	-3.5118+1.7302i	0.3327+0.4551i	-1.8296+2.4556i	-2.4119+1.5899i	0.1213-0.2245i
48.7	-3.8152+1.2067i	-0.5207+0.7279i	-2.0036+1.0498i	-3.3384+1.7196i	0.3453+0.5014i	-1.9982+2.7336i	-2.2628+1.5273i	0.0571-0.1780i
48.8	-3.8582+1.4377i	-0.4628+0.6955i	-1.3115-2.1682i	-3.3278+1.9126i	0.4627+0.5300i	-2.2580+2.7612i	-2.2645+1.6459i	0.0571-0.1853i
48.9	-3.7917+1.4116i	-0.5110+0.7160i	-4.8054-0.5840i	-3.2410+1.8141i	0.4856+0.4201i	-2.2237+3.2395i	-2.2471+1.5675i	-0.0120-0.1736i
49.0	-3.8363+1.4743i	-0.3824+0.7050i	-5.7329-1.4697i	-3.2506+1.9062i	0.5273+0.3671i	-2.2540+3.2895i	-2.2594+1.6746i	-0.0443-0.1694i
49.1	-3.9594+1.6114i	-0.1603+0.7317i	-2.9603-2.0657i	-3.2869+1.9906i	0.4369+0.4293i	-2.5689+3.1897i	-2.2350+1.6979i	-0.0973-0.1499i
49.2	-3.9303+1.8136i	-0.1045+0.6127i	-4.4154-3.5841i	-3.3026+2.0741i	0.5461+0.3694i	-2.3511+3.5414i	-2.2750+1.7971i	-0.1417-0.1019i
49.3	-4.0861+1.8868i	-0.0450+0.6161i	-2.0473-2.7280i	-3.3674+2.1442i	0.5445+0.3402i	-2.3349+3.4245i	-2.2799+1.9024i	-0.0897-0.0224i
49.4	-4.2000+1.8936i	-0.0976+0.6018i	-4.3554+1.6198i	-3.4146+2.0769i	0.5498+0.2078i	-2.4037+4.0940i	-2.2949+1.9566i	0.0140+0.0584i
49.5	-4.2500+1.8815i	-0.1337+0.5553i	-3.1296+2.0159i	-3.5213+1.9475i	0.4351+0.2091i	-2.4401+4.6238i	-2.2498+1.8004i	0.0621-0.0611i
49.6	-4.2263+2.1444i	-0.1028+0.4767i	-2.6037-1.6593i	-3.5340+2.2030i	0.5032+0.2616i	-2.2676+4.7391i	-2.2999+1.9020i	-0.0500-0.1098i
49.7	-4.1894+2.2813i	-0.1117+0.5569i	-4.3014-2.1260i	-3.4832+2.3349i	0.4622+0.1939i	-1.9569+4.8978i	-2.2644+2.0134i	-0.1555-0.0891i

49.8	-4.1860+2.5114i	-0.0565+0.5260i	-3.9852-2.0602i	-3.4778+2.4728i	0.4990+0.2451i	-1.5686+5.1219i	-2.2732+2.2084i	-0.1369+0.1333i
49.9	-4.3401+2.6536i	0.1568+0.5010i	-2.8260-3.5510i	-3.5574+2.6231i	0.4894+0.1846i	-1.9119+4.5250i	-2.1649+2.3037i	0.0266+0.0152i
50.0	-4.4642+2.7171i	0.0522+0.4458i	-3.7408+0.1223i	-3.7214+2.5875i	0.4415+0.1688i	-1.1501+5.1127i	-2.2218+2.2499i	0.0490+0.0274i
50.1	-4.4499+2.7776i	-0.1359+0.4527i	-4.9325+2.2580i	-3.7662+2.6161i	0.4098+0.1780i	-1.2324+5.6717i	-2.2501+2.2580i	0.0325+0.0294i
50.2	-4.4450+3.2321i	-0.0364+0.4429i	-2.8497-2.1588i	-3.7368+3.0886i	0.5035+0.1955i	-1.1700+5.4498i	-2.2410+2.5590i	-0.0790-0.0324i
50.3	-4.4202+3.3725i	-0.0291+0.5481i	-3.6720-1.0802i	-3.7071+3.1674i	0.5091+0.1287i	-0.4256+5.7554i	-2.1737+2.6768i	-0.0455+0.0382i
50.4	-4.3027+3.5636i	0.0029+0.5567i	-4.4534-0.4973i	-3.7047+3.3883i	0.4769+0.0904i	0.3798+5.1028i	-2.0757+2.7903i	0.0154+0.0247i
50.5	-4.0865+3.6823i	-0.0061+0.5379i	-5.9157-2.6644i	-3.3961+3.6417i	0.4925-0.0542i	-0.3526+4.1986i	-1.8495+3.0083i	-0.0949-0.0434i
50.6	-4.3040+3.7341i	0.1378+0.6086i	-6.5531-0.4093i	-3.3359+3.5885i	0.2624+0.0613i	-1.3501+4.7206i	-1.6795+2.9697i	-0.1890+0.1519i
50.7	-4.3895+4.0355i	0.1398+0.4849i	-6.3057-0.6706i	-3.4459+3.7517i	0.4436+0.1251i	-0.9061+5.3359i	-1.7476+3.0344i	-0.0725+0.1795i
50.8	-4.2185+4.1783i	0.1262+0.4474i	-6.4993-0.5625i	-3.2339+3.8609i	0.4353+0.0346i	-0.9688+5.0547i	-1.5773+3.1665i	-0.0814+0.2025i
50.9	-3.9916+4.3665i	0.0124+0.3766i	-9.1633-0.9659i	-3.1092+3.8063i	0.3838+0.0083i	-0.3982+6.0935i	-1.3574+3.0667i	-0.0418+0.2002i
51.0	-4.1403+4.6077i	0.1058+0.3476i	-7.9542+0.9129i	-3.2246+4.1441i	0.3961+0.0413i	-0.2732+5.2996i	-1.3447+3.2253i	-0.0467+0.1532i
51.1	-4.0477+4.8199i	-0.1112+0.4595i	-7.3736+2.8818i	-3.1833+4.3273i	0.3679+0.0440i	-0.3073+5.6182i	-1.2427+3.3166i	-0.0102+0.2494i
51.2	-3.8727+5.1002i	0.0185+0.5285i	-8.3422+2.5992i	-2.9315+4.5507i	0.3544-0.0421i	-0.0611+5.5293i	-0.9981+3.3829i	-0.0190+0.2214i
51.3	-3.8072+5.6476i	0.0281+0.6293i	-5.4108+2.8351i	-2.8055+4.9918i	0.3380-0.0214i	-0.0508+5.4027i	-0.8337+3.5683i	-0.0721+0.1860i
51.4	-3.7472+5.9416i	0.1599+0.7981i	-5.4376+2.8469i	-2.7102+5.1365i	0.3199-0.0072i	0.2955+5.5738i	-0.6775+3.6262i	-0.0467+0.2305i
51.5	-3.3308+6.1046i	0.3226+0.6858i	-4.9450+1.6246i	-2.3174+5.3014i	0.3110+0.0183i	0.0703+4.8938i	-0.3549+3.6005i	-0.0829+0.2662i
51.6	-3.1844+6.4638i	0.4123+0.6108i	-5.1763+1.9267i	-2.0659+5.4665i	0.3268-0.0159i	-0.3912+4.8525i	-0.1199+3.5619i	-0.0922+0.3146i
51.7	-2.9754+6.7602i	0.4841+0.5395i	-4.3141+1.6191i	-1.8000+5.5115i	0.2920-0.0331i	-1.0402+5.2858i	0.1271+3.4653i	-0.0906+0.3761i
51.8	-2.7094+7.0337i	0.4655+0.5091i	-5.5333+2.6224i	-1.7166+5.4701i	0.2332-0.0237i	-0.6909+5.9177i	0.2203+3.2249i	0.0681+0.4615i
51.9	-2.6189+7.1628i	0.4497+0.5584i	-7.8012+5.0476i	-1.7244+5.5058i	0.1465-0.0379i	-0.8904+6.5483i	0.1913+3.0034i	0.1412+0.4898i
52.0	-1.7922+7.5684i	0.5258+0.4062i	-5.6113+4.3206i	-1.3417+5.6856i	0.1210+0.0034i	-0.4713+6.9167i	0.2584+2.9719i	0.2184+0.4770i
52.1	-1.3260+7.5668i	0.5580+0.4600i	-2.9769+3.8967i	-1.1167+5.8937i	0.1782+0.0761i	0.0099+6.6322i	0.2240+3.0577i	0.2478+0.4649i
52.2	-1.0538+7.4791i	0.4278+0.2663i	-3.8777+2.1167i	-0.8848+5.7552i	0.1109+0.0302i	-0.7543+7.5921i	0.4841+3.0006i	0.4248+0.4431i
52.3	-1.0415+7.4298i	0.5404+0.3762i	-5.7141+1.6605i	-0.8662+5.8392i	0.0675+0.0577i	-0.3687+7.5248i	0.3422+2.8902i	0.2887+0.3490i
52.4	-0.3198+7.6203i	0.4671+0.3668i	-3.5634+2.1092i	-0.3203+5.9875i	0.0620+0.1131i	-0.1257+8.0026i	0.5274+2.9558i	0.2345+0.3534i
52.5	0.3572+7.8668i	0.7297+0.5562i	-2.2660+1.6730i	0.0936+6.2337i	0.0705+0.2608i	1.3398+7.7218i	0.7348+3.0415i	0.2582+0.3910i
52.6	0.5808+7.7306i	0.9090+0.5078i	-2.3659+4.1418i	0.3256+6.1649i	0.1208+0.3661i	1.2412+7.1930i	0.8444+2.8904i	0.4035+0.3040i
52.7	0.5701+7.6798i	0.7934+0.2136i	-4.5352+3.1866i	0.3284+6.0258i	0.0636+0.3222i	0.3651+8.3813i	0.8364+2.7312i	0.4519+0.2094i
52.8	0.8326+7.8149i	0.6858+0.3900i	-6.1033+5.5871i	0.4498+6.1516i	0.0826+0.4989i	1.8342+9.5250i	0.8161+2.6554i	0.5067+0.1958i
52.9	1.4028+7.8575i	0.9669+0.3061i	-4.8837+5.5417i	0.9497+6.2154i	0.1520+0.4913i	2.3900+9.2810i	0.9500+2.6780i	0.4362+0.1667i
53.0	1.9441+7.7345i	0.9276+0.1810i	-4.4214+4.2729i	1.3101+6.1441i	0.2210+0.4941i	2.7115+9.4466i	1.1219+2.6349i	0.4246+0.2076i
53.1	2.5720+7.5683i	1.2387-0.0947i	0.6383+6.3111i	1.7843+5.9288i	0.3908+0.5877i	2.7803+8.7098i	1.2781+2.4528i	0.3679-0.0079i
53.2	2.7009+7.3073i	0.8597-0.2729i	-0.7522+2.6845i	1.9035+5.8219i	0.4512+0.5704i	2.9115+9.8276i	1.2290+2.3725i	0.2590+0.1282i
53.3	3.0796+6.9521i	0.7304-0.1538i	-2.2686+1.5367i	2.1695+5.5217i	0.5187+0.5456i	4.2106+9.9264i	1.2560+2.2234i	0.2845+0.2144i
53.4	3.4134+6.3335i	0.7753-0.2572i	-1.2015-0.7160i	2.4556+5.2396i	0.6250+0.3908i	4.1260+9.2068i	1.3056+2.1639i	0.2597+0.2209i
53.5	3.5806+6.4329i	0.9904-0.5572i	-2.9171-0.7160i	2.7713+5.1601i	0.5438+0.3743i	4.0490+10.1535i	1.4288+2.0705i	0.2903+0.2786i
53.6	4.1667+6.3312i	0.7226-0.5409i	-3.5550+2.4478i	3.0297+5.0212i	0.6942+0.4710i	6.4277+10.1969i	1.4067+2.0213i	0.3789+0.2181i
53.7	4.2162+5.8951i	0.6575-0.6437i	-2.1756+1.8148i	3.0770+4.7881i	0.7637+0.4122i	6.5337+9.4818i	1.3635+2.0086i	0.3566+0.2047i
53.8	4.2780+5.5761i	0.2496-0.6445i	-4.1904-0.6916i	3.2787+4.5787i	0.7424+0.3903i	7.3398+10.0713i	1.4995+1.9400i	0.3700+0.2465i
53.9	4.5052+5.2303i	0.0818-0.4441i	-5.0394-1.3715i	3.5901+4.2635i	0.8544+0.3517i	8.7571+9.5805i	1.6543+1.7700i	0.3332+0.2636i
54.0	4.4902+4.8825i	0.4318-0.3915i	-2.4461-2.2367i	3.6155+3.8942i	0.9447+0.1677i	8.7199+8.1159i	1.6218+1.6245i	0.2762+0.3084i
54.1	4.6799+4.7418i	0.9393-0.5806i	-3.3141-0.4895i	3.7147+3.7023i	0.9624+0.0763i	8.6780+6.0078i	1.6213+1.6087i	0.4101+0.3833i
54.2	4.9196+4.9283i	0.2540-1.3103i	-3.6660+0.9982i	3.7364+3.5685i	0.9337+0.1476i	7.7061+8.0119i	1.6305+1.4161i	0.4430+0.2149i
54.3	5.1067+4.2432i	-0.0768-0.8692i	-4.2805-1.6402i	3.8099+3.1627i	0.9032+0.0249i	8.8988+7.1896i	1.6033+1.3242i	0.4195+0.3412i
54.4	5.0208+4.0297i	-0.2767-0.6113i	-6.2239-2.2161i	3.6999+2.9833i	0.8809+0.0053i	9.4150+7.2136i	1.5291+1.2272i	0.4566+0.3616i
54.5	5.2877+3.8087i	-0.3360-0.3277i	-8.4880-1.8102i	3.8298+2.7996i	0.9201-0.0414i	10.4308+6.5911i	1.5297+1.1975i	0.5363+0.4217i
54.6	5.4632+3.6499i	-0.5515-0.1944i	-10.0402-5.4043i	3.9599+2.6471i	0.8558-0.1098i	11.1337+6.8302i	1.5781+1.1442i	0.5782+0.5042i
54.7	5.7770+3.1371i	-0.3133-0.3209i	-7.6478-3.4121i	4.0476+2.3666i	0.8578-0.2459i	10.9447+5.1765i	1.6230+1.0889i	0.5884+0.3991i
54.8	5.5819+2.4323i	-0.4105-0.5944i	-5.2028-2.4643i	3.8989+2.0284i	0.8219-0.3400i	9.7602+4.2254i	1.5951+0.9781i	0.5642+0.3100i
54.9	5.3853+2.4128i	-0.5513-0.3477i	-6.4312-2.1200i	3.8968+1.9635i	0.7900-0.3633i	10.2538+4.6746i	1.5627+0.9312i	0.6073+0.3319i
55.0	5.5595+2.0923i	-0.4910-0.1544i	-6.8953-1.6024i	3.9398+1.6698i	0.7522-0.4187i	10.8507+3.7766i	1.5847+0.8529i	0.7073+0.3302i
55.1	5.4285+1.8313i	-0.5369+0.0836i	-8.1098-3.4606i	3.8370+1.4437i	0.6343-0.4378i	10.9907+3.3892i	1.5402+0.7707i	0.7279+0.3618i
55.2	5.5977+1.6967i	-0.3675+0.3865i	-11.8097-3.2680i	3.9337+1.3037i	0.6368-0.4150i	11.9161+2.8525i	1.5497+0.7325i	0.8588+0.4205i
55.3	5.4862+1.3291i	-0.3050+0.3940i	-11.3025-4.4623i	3.8836+1.0505i	0.5419-0.4212i	11.6444+2.3269i	1.5676+0.6266i	0.8855+0.4047i
55.4	5.6653+1.0065i	-0.0562+0.4301i	-13.1939-3.0445i	3.9424+0.7931i	0.4616-0.4171i	11.8643+1.2494i	1.5772+0.5422i	0.9926+0.3700i
55.5	5.6957+0.7372i	-0.0640+0.0619i	-12.7115+0.1684i	3.8267+0.6228i	0.4930-0.3605i	11.2265+0.7628i	1.5720+0.4673i	1.0780+0.2324i
55.6	5.3955+0.3260i	-0.4151+0.4395i	-11.8706-0.5313i	3.6953+0.4497i	0.4931-0.3962i	11.0547+0.7672i	1.4312+0.3781i	0.9896+0.1845i
55.7	5.4264+0.0885i	-0.0387+0.5875i	-12.6989+0.6438i	3.6650+0.2368i	0.4911-0.3983i	11.5445-0.1494i	1.4267+0.3714i	1.0907+0.1527i
55.8	5.2073-0.2366i	0.2274+0.6427i	-14.7735+0.1265i	3.5038-0.0356i	0.4755-0.3550i	11.4601-1.0354i	1.3604+0.2627i	1.1845+0.1125i
55.9	5.1683-0.6061i	0.4264+0.5638i	-16.2514+0.0945i	3.4474-0.2615i	0.4720-0.3474i	11.5060-1.9450i	1.3598+0.2098i	1.2604+0.0368i
56.0	4.8821-0.9290i	0.4567+0.2732i	-15.3349+1.2788i	3.1924-0.3985i	0.4425-0.3358i	10.7185-2.7809i	1.3033+0.1465i	1.2387-0.1020i

56.1	4.4716-1.0293i	-0.0974+0.5331i	-15.3497-0.1889i	3.0201-0.4255i	0.3955-0.3707i	9.8508-2.3145i	1.1125+0.0728i	1.0466-0.0634i
56.2	4.3490-1.0845i	0.6061+0.5898i	-17.1212+2.4346i	2.8523-0.5595i	0.4655-0.3424i	10.1397-2.9984i	1.0764+0.1659i	1.2812-0.1280i
56.3	4.0695-1.3891i	0.7542+0.3065i	-17.7841+3.2400i	2.6230-0.7715i	0.4600-0.2970i	9.5480-3.8347i	1.0158+0.0985i	1.2912-0.2498i
56.4	3.8122-1.5720i	0.8470+0.1498i	-18.9921+4.7338i	2.3955-0.8836i	0.4981-0.2760i	8.9348-4.4626i	0.9567+0.0960i	1.3075-0.3313i
56.5	3.6443-1.4630i	0.7501+0.1131i	-19.2155+3.8133i	2.2724-0.7925i	0.5681-0.3054i	8.6098-4.3121i	0.9063+0.1459i	1.2829-0.3479i
56.6	3.4764-1.5913i	0.7293+0.0322i	-19.2836+5.2458i	2.1317-0.8307i	0.5866-0.4154i	8.1246-4.6748i	0.8951+0.1488i	1.2745-0.3999i
56.7	3.1835-1.6714i	0.7534-0.1817i	-19.5487+7.3826i	1.8753-0.8482i	0.5066-0.4356i	7.3504-4.9119i	0.8261+0.1423i	1.3026-0.5261i
56.8	2.8717-1.6907i	0.7032-0.2233i	-19.4649+7.7994i	1.6755-0.8502i	0.4656-0.3979i	6.6498-5.0046i	0.7743+0.1508i	1.2267-0.5863i
56.9	2.6557-1.6945i	0.5997-0.3309i	-18.4258+9.3737i	1.5347-0.8101i	0.4535-0.4325i	6.0094-5.0076i	0.7504+0.1702i	1.1618-0.6580i
57.0	2.6178-1.7122i	0.4691-0.3058i	-18.7283+8.4535i	1.4935-0.7899i	0.5002-0.4444i	5.9629-4.9732i	0.7592+0.1913i	1.1624-0.6703i
57.1	2.3604-1.7665i	0.3055-0.2335i	-17.9578+9.4265i	1.3316-0.7564i	0.4634-0.4854i	5.2849-5.0395i	0.6952+0.2101i	1.0654-0.7142i
57.2	2.1893-1.6325i	-0.0420-0.2055i	-17.1420+10.1202i	1.2700-0.6010i	0.4349-0.5293i	4.5169-4.5893i	0.7165+0.2098i	0.9602-0.7137i
57.3	2.1054-1.3998i	0.7362+0.3805i	-19.0053+11.5692i	1.2540-0.6446i	0.4281-0.4092i	4.8736-3.7597i	0.6564+0.3607i	1.1847-0.5129i
57.4	1.9700-1.5630i	0.8638-0.2380i	-20.3763+12.0016i	1.0279-0.6749i	0.4638-0.4623i	4.5164-4.6233i	0.7209+0.3571i	1.2517-0.7563i
57.5	1.8889-1.5049i	0.6120-0.3126i	-18.6614+11.3243i	0.9737-0.5880i	0.4135-0.4898i	4.1722-4.4385i	0.7524+0.3322i	1.1802-0.8192i
57.6	1.7916-1.4745i	0.4913-0.3361i	-18.0587+13.0573i	0.9058-0.5074i	0.4290-0.5216i	3.8404-4.2632i	0.7683+0.3159i	1.1276-0.9018i
57.7	1.6583-1.4322i	0.4698-0.3768i	-17.3963+12.9878i	0.8456-0.4378i	0.3779-0.5345i	3.5297-4.1243i	0.7848+0.3255i	1.0673-0.9772i
57.8	1.5161-1.4358i	0.5114-0.3802i	-18.8129+13.8194i	0.7485-0.4235i	0.3708-0.5176i	3.2076-4.1249i	0.7943+0.3151i	1.0960-0.9875i
57.9	1.4136-1.3422i	0.4159-0.3912i	-17.3623+14.4526i	0.6980-0.3241i	0.3912-0.5482i	2.9220-3.8222i	0.8149+0.2968i	1.0648-1.0340i
58.0	1.3460-1.2950i	0.3567-0.4181i	-17.3480+14.7000i	0.6712-0.2851i	0.3486-0.5250i	2.6492-3.6280i	0.8331+0.2862i	1.0367-1.1129i
58.1	1.3646-1.1794i	0.3089-0.4040i	-18.0743+15.0070i	0.6767-0.1988i	0.4115-0.5043i	2.8218-2.9838i	0.8557+0.2631i	1.0588-1.1128i
58.2	1.3402-1.1812i	0.3674-0.3426i	-18.9065+13.6239i	0.6550-0.1563i	0.3969-0.5409i	2.8455-3.1907i	0.8566+0.2913i	1.0669-1.1409i
58.3	1.2305-1.1512i	0.2985-0.2631i	-18.4809+15.6397i	0.6198-0.0975i	0.3363-0.5548i	2.5402-2.9950i	0.8520+0.2424i	0.9302-1.2361i
58.4	1.1804-0.9755i	0.2626+0.0720i	-18.2324+16.1452i	0.6801-0.0092i	0.2953-0.5395i	2.5598-2.1560i	0.8225+0.2528i	0.7241-1.1539i
58.5	1.2735-0.9364i	0.9299-0.3004i	-18.0528+17.1606i	0.6474-0.0878i	0.4473-0.4284i	3.1200-2.5702i	0.8863+0.3114i	1.1436-0.9372i
58.6	1.2724-1.0328i	0.7955-0.6505i	-18.4865+18.5150i	0.6081+0.0096i	0.4299-0.5709i	2.8469-2.7612i	0.9540+0.2441i	1.1770-1.3232i
58.7	1.1668-1.1392i	0.5844-0.9788i	-17.4119+20.0627i	0.5903+0.0032i	0.3879-0.5967i	2.7122-2.8566i	0.9939+0.1869i	1.0017-1.4942i
58.8	1.1937-1.1920i	0.7197-0.7525i	-19.8746+22.3325i	0.5571+0.0330i	0.4459-0.6940i	2.4998-2.8418i	1.0035+0.1565i	1.1335-1.6670i
58.9	1.1046-1.1820i	0.6608-0.8619i	-21.6830+23.3007i	0.5314+0.0610i	0.4521-0.7833i	2.4411-2.8075i	1.0121+0.0951i	1.1012-1.8593i
59.0	1.0158-1.1010i	0.5625-0.9692i	-19.2906+24.7160i	0.5318+0.1349i	0.4487-0.8064i	2.3955-2.5000i	1.0057+0.0301i	0.9449-1.9149i
59.1	0.9858-1.0015i	0.3648-1.1184i	-17.8373+24.6030i	0.5151+0.2071i	0.4192-0.8249i	2.3234-2.3635i	0.9855+0.0247i	0.8520-1.9352i
59.2	0.9733-0.9585i	0.2282-1.1491i	-18.6641+24.5348i	0.5469+0.2715i	0.4119-0.8572i	2.3031-2.2343i	0.9764-0.0002i	0.8025-1.9817i
59.3	0.9862-0.9752i	0.1117-1.1453i	-20.5686+24.2948i	0.5267+0.2733i	0.4193-0.8639i	2.2447-2.2142i	0.9870-0.0263i	0.7943-2.0236i
59.4	1.0441-0.9522i	-0.0240-1.1064i	-21.3831+23.0090i	0.5716+0.3013i	0.3903-0.9284i	2.4269-2.0942i	0.9730-0.0462i	0.7729-2.0891i
59.5	1.0600-0.9356i	-0.1428-1.0848i	-20.9807+24.7479i	0.6014+0.3421i	0.3641-0.9618i	2.4224-2.0530i	0.9554-0.0845i	0.6811-2.1608i
59.6	1.0908-0.9152i	-0.2656-1.0840i	-20.5609+25.8569i	0.6133+0.3928i	0.3724-1.0085i	2.4471-1.9022i	0.9412-0.1122i	0.6662-2.2480i
59.7	1.1138-0.9224i	-0.3820-1.0697i	-21.2680+26.6647i	0.6413+0.4444i	0.3587-1.1139i	2.4632-1.8018i	0.9560-0.1362i	0.6284-2.3912i
59.8	1.0191-0.9921i	-0.5224-1.0240i	-20.9623+30.8562i	0.6239+0.4993i	0.3104-1.2293i	2.2408-1.9230i	0.9466-0.1514i	0.5081-2.6284i
59.9	0.9395-1.1117i	-0.6322-1.1158i	-21.4312+32.2887i	0.6173+0.5410i	0.3240-1.3094i	2.3715-1.9581i	0.9844-0.1770i	0.4333-2.8186i
60.0	0.9542-1.1662i	-0.8535-1.0065i	-10.5010+34.0021i	0.6701+0.5607i	0.2377-1.4303i	2.4269-2.0189i	1.0408-0.2494i	0.2329-2.7406i
60.1	1.1026-1.2464i	-0.9419-0.8475i	-23.7003+33.5810i	0.7737+0.5835i	0.1588-1.5206i	2.6378-1.9807i	0.9527-0.2555i	0.1926-3.1677i
60.2	0.9498-1.2892i	-1.1131-0.7805i	-22.2825+36.9078i	0.8133+0.6262i	-0.0046-1.5852i	2.5028-1.9869i	0.9324-0.2953i	-0.2004-3.3030i
60.3	0.7500-1.3991i	-1.3395-0.6938i	-21.6709+41.0827i	0.8167+0.6032i	-0.1703-1.6838i	2.2056-2.1228i	0.9013-0.3867i	-0.5366-3.5082i
60.4	0.7027-1.4820i	-1.5449-0.5053i	-22.5372+40.5189i	0.8767+0.5710i	-0.2654-1.7750i	2.3396-1.9883i	0.9213-0.4123i	-0.7353-3.6372i
60.5	0.6160-1.5439i	-1.7506-0.1532i	-21.9514+42.6845i	0.9585+0.6120i	-0.4493-1.7421i	2.3411-2.0246i	0.9062-0.4194i	-1.1381-3.6018i
60.6	0.4706-1.5777i	-1.8823+0.3421i	-22.0282+44.1719i	1.0241+0.5807i	-0.6232-1.7124i	2.2958-2.0514i	0.8575-0.4683i	-1.5087-3.5106i
60.7	0.2458-1.7012i	-1.8812+0.8767i	-24.5495+48.5246i	1.0182+0.5997i	-0.6333-1.7826i	2.3533-2.1401i	0.9192-0.5140i	-1.7017-3.6008i
60.8	-0.0009-1.4872i	-1.4122+1.3292i	-18.6201+51.0631i	1.0641+0.6122i	-0.7812-1.6572i	2.2783-1.9069i	0.8497-0.5372i	-2.0264-3.1930i
60.9	-0.0162-1.3577i	-0.8308+1.5527i	-16.8639+50.7275i	1.1702+0.6005i	-0.9080-1.6778i	2.4161-1.9026i	0.7802-0.5692i	-2.1107-3.0308i
61.0	-0.1590-1.2843i	-0.4942+1.5507i	-17.0158+54.7068i	1.2108+0.6106i	-1.0827-1.7564i	2.4619-1.9881i	0.7517-0.6125i	-2.3758-3.1088i
61.1	-0.3879-1.2054i	-0.2276+1.4695i	-17.0077+60.1052i	1.2154+0.5903i	-1.3796-1.7395i	2.2511-2.1614i	0.6862-0.7086i	-2.8550-3.0588i
61.2	-0.3724-1.2306i	-0.0180+1.4529i	-17.5481+61.4685i	1.3333+0.5863i	-1.5413-1.8265i	2.4028-2.2388i	0.7168-0.7298i	-3.0381-3.1997i
61.3	-0.4085-0.9955i	0.1924+1.4074i	-11.4426+61.2603i	1.4327+0.5487i	-1.7137-1.6253i	2.3370-2.1292i	0.6616-0.7322i	-3.2982-2.7788i
61.4	-0.5027-0.9501i	0.4422+1.3631i	-10.8962+64.6733i	1.4842+0.4719i	-1.9806-1.4662i	2.2689-2.2340i	0.6123-0.7514i	-3.7025-2.5289i
61.5	-0.5450-0.9053i	0.5989+1.3645i	-11.4395+66.5807i	1.5701+0.4269i	-2.2189-1.4388i	2.3477-2.3345i	0.5577-0.8038i	-4.0138-2.4776i
61.6	-0.5650-0.6587i	0.8315+1.3234i	-7.2001+67.9711i	1.6306+0.3676i	-2.4419-1.1666i	2.2522-2.2590i	0.4575-0.7919i	-4.3352-1.9645i
61.7	-0.6924-0.4766i	1.0410+1.1736i	-3.6017+73.3601i	1.6914+0.2246i	-2.6429-0.8173i	2.0289-2.4510i	0.3911-0.8561i	-4.6777-1.4079i
61.8	-0.7269-0.2971i	1.1846+0.9393i	-0.9796+77.5262i	1.6519+0.1391i	-2.7057-0.5081i	1.7694-2.4667i	0.3094-0.8673i	-4.7781-0.9213i
61.9	-0.5733-0.0771i	1.3660+0.7706i	7.1408+77.9184i	1.7481+0.0495i	-2.7666-0.0918i	1.7961-2.0670i	0.2518-0.7758i	-4.7624-0.1998i
62.0	-0.5468-0.0462i	1.6285+0.5846i	9.0291+79.6947i	1.7800-0.0775i	-2.8667+0.1957i	1.8007-2.2373i	0.2132-0.7557i	-4.8516+0.2329i
62.1	-0.4933+0.1169i	1.7669+0.2138i	12.9890+82.9364i	1.7352-0.2172i	-2.7970+0.6359i	1.6777-2.2479i	0.2066-0.7329i	-4.7281+0.8638i
62.2	-0.3749+0.2781i	1.7431-0.0375i	20.2671+82.0166i	1.6706-0.3350i	-2.5896+0.9890i	1.5968-2.1228i	0.1364-0.6999i	-4.4062+1.4515i
62.3	-0.2601+0.4097i	1.6908-0.3052i	26.9137+83.3243i	1.6212-0.4386i	-2.4290+1.3182i	1.5791-2.0105i	0.0917-0.6688i	-4.1400+1.9685i

62.4	-0.2454+0.5487i	1.6440-0.4505i	29.8907+87.7551i	1.5791-0.4506i	-2.3359+1.4942i	1.5155-2.0795i	0.0542-0.7165i	-4.0451+2.2265i
62.5	-0.1609+0.5566i	1.5563-0.6675i	32.2076+87.9185i	1.5128-0.5614i	-2.1061+1.7041i	1.3577-2.3736i	0.0319-0.7099i	-3.6581+2.5250i
62.6	0.0464+0.6537i	1.4145-0.9009i	41.0176+85.6633i	1.3885-0.6370i	-1.7120+1.9586i	1.1797-2.0983i	0.0291-0.6652i	-3.0537+2.8786i
62.7	0.2233+0.6452i	1.3179-0.9824i	45.0216+86.2294i	1.3713-0.6306i	-1.5165+1.9980i	1.2276-2.0111i	0.0067-0.6747i	-2.7300+2.9083i
62.8	0.3342+0.6291i	1.1528-1.0736i	50.1517+85.6040i	1.3574-0.6561i	-1.2983+2.0270i	1.2206-1.9563i	-0.0189-0.6755i	-2.3884+2.9335i
62.9	0.4811+0.5932i	1.0869-1.1528i	55.2391+80.5668i	1.3280-0.7151i	-1.0975+2.0548i	1.2333-1.8582i	-0.0321-0.6823i	-2.0217+2.9642i
63.0	0.6165+0.5233i	1.0419-1.1923i	61.2394+77.6676i	1.3006-0.7550i	-0.9493+2.0698i	1.1754-1.8367i	-0.0936-0.6555i	-1.7843+3.0064i
63.1	0.6702+0.4959i	0.7928-1.2136i	66.7230+77.4321i	1.2374-0.7205i	-0.6887+2.0227i	1.0564-1.7948i	-0.1111-0.6690i	-1.4896+2.9034i
63.2	0.7494+0.5009i	0.6369-1.3126i	70.3650+76.0557i	1.1540-0.7473i	-0.4899+2.0598i	0.9771-1.7142i	-0.1799-0.6760i	-1.2429+2.9655i
63.3	0.9600+0.4479i	0.5838-1.3433i	77.2787+73.6441i	1.1944-0.7510i	-0.3395+2.0974i	0.9954-1.3906i	-0.2503-0.6063i	-0.9208+3.0481i
63.4	0.9614+0.3668i	0.4475-1.3927i	80.0998+70.8232i	1.0755-0.7723i	-0.1023+2.0553i	1.0146-1.3425i	-0.2334-0.5977i	-0.6194+2.9043i
63.5	0.9901+0.3537i	0.3029-1.4491i	84.8019+68.5378i	1.0409-0.7894i	0.0417+2.0745i	1.0062-1.3230i	-0.2577-0.6389i	-0.4388+2.8972i
63.6	1.0583+0.2813i	0.1860-1.4138i	88.7230+65.3221i	1.0382-0.7691i	0.2155+1.9731i	0.9229-1.1560i	-0.2900-0.5962i	-0.2122+2.7565i
63.7	1.1412+0.1378i	0.0711-1.3830i	93.9828+59.4200i	0.9950-0.8287i	0.3709+1.8737i	1.0935-1.0479i	-0.3710-0.5551i	-0.0051+2.6025i
63.8	1.2216+0.0780i	-0.0474-1.2527i	97.3642+53.4220i	0.9698-0.7928i	0.4939+1.6735i	1.2706-0.9199i	-0.4148-0.5326i	0.1252+2.3645i
63.9	1.1936-0.0093i	-0.1376-1.2038i	97.1679+47.5897i	0.9587-0.7991i	0.5727+1.5344i	1.2830-1.0007i	-0.4119-0.5152i	0.2182+2.1825i
64.0	1.2747-0.1310i	-0.3100-1.2264i	103.5281+45.2266i	0.9030-0.8440i	0.7607+1.5275i	1.2482-0.9530i	-0.4749-0.4634i	0.4346+2.1618i
64.1	1.2738-0.2745i	-0.3830-1.1631i	105.4377+38.5726i	0.8828-0.8911i	0.8799+1.4067i	1.3000-0.9157i	-0.4838-0.4026i	0.6095+2.0043i
64.2	1.2518-0.3988i	-0.3440-1.0314i	105.2714+30.7303i	0.8962-0.8876i	0.8725+1.2392i	1.5106-0.9945i	-0.4938-0.3807i	0.5830+1.7906i
64.3	1.3153-0.5021i	-0.4084-0.8886i	110.7568+28.7930i	0.8612-0.8971i	0.9701+1.1395i	1.6800-0.8651i	-0.5302-0.3365i	0.7007+1.6876i
64.4	1.2721-0.6150i	-0.4592-0.8659i	115.3349+25.5222i	0.7957-0.9268i	1.1220+1.0379i	1.6737-0.7021i	-0.5103-0.2365i	0.9214+1.5759i
64.5	1.2118-0.6588i	-0.3623-0.8057i	111.6344+18.9427i	0.8122-0.9166i	1.0367+0.9182i	1.7410-0.7829i	-0.4809-0.2028i	0.8520+1.4211i
64.6	1.1784-0.7863i	-0.3176-0.7212i	112.7803+7.5086i	0.8217-0.9560i	1.0185+0.7655i	1.9805-0.9493i	-0.4896-0.1440i	0.8302+1.2410i
64.7	1.1533-0.8880i	-0.3465-0.6308i	118.2746+2.6042i	0.7667-0.9697i	1.0175+0.6359i	2.0764-0.8674i	-0.5234-0.0730i	0.8441+1.1057i
64.8	1.1070-0.9263i	-0.3710-0.5953i	120.3763+1.4633i	0.6926-1.0306i	1.0177+0.5815i	2.1340-0.7824i	-0.5688-0.0528i	0.8529+1.0435i
64.9	0.9984-0.9988i	-0.3528-0.6791i	116.5172-3.9210i	0.6440-1.0773i	1.0117+0.5190i	2.1693-0.9429i	-0.5353-0.0485i	0.8305+0.9405i
65.0	0.9471-1.0834i	-0.3054-0.6992i	116.2287-12.6835i	0.6254-1.1220i	0.9784+0.4656i	2.3250-1.0546i	-0.4800+0.0137i	0.8347+0.8520i
65.1	0.9339-1.1183i	-0.3302-0.5867i	120.0447-18.9657i	0.5245-1.0869i	1.0145+0.3358i	2.4673-0.9456i	-0.5058+0.0659i	0.8729+0.7355i
65.2	0.8715-1.1632i	-0.3423-0.5836i	120.8718-21.7196i	0.4631-1.0818i	0.9619+0.2748i	2.4956-0.9940i	-0.5279+0.0854i	0.8159+0.6563i
65.3	0.7734-1.2506i	-0.2630-0.5800i	116.9967-34.3943i	0.4512-1.0972i	0.8580+0.2289i	2.6701-1.3248i	-0.4843+0.1613i	0.7103+0.5697i
65.4	0.7375-1.3378i	-0.2005-0.6013i	114.4396-44.7240i	0.4468-1.1133i	0.8049+0.1974i	2.8463-1.5405i	-0.4532+0.2056i	0.6486+0.5045i
65.5	0.5690-1.3886i	-0.1844-0.7197i	107.9549-49.7996i	0.3745-1.1463i	0.7954+0.2184i	2.6964-1.6933i	-0.3856+0.1982i	0.6465+0.5290i
65.6	0.4333-1.3990i	-0.2394-0.7849i	103.2661-56.0915i	0.2602-1.1360i	0.8118+0.2079i	2.6804-1.8897i	-0.3571+0.2584i	0.6335+0.5324i
65.7	0.3100-1.5232i	-0.2139-0.8416i	100.5958-66.6732i	0.2150-1.1425i	0.8188+0.1919i	2.7215-2.2044i	-0.2829+0.3211i	0.6416+0.4978i
65.8	0.1937-1.4855i	-0.2430-0.8424i	92.4063-68.6594i	0.1400-1.0957i	0.8014+0.1762i	2.5318-2.3245i	-0.2154+0.3611i	0.6333+0.4717i
65.9	0.0683-1.4647i	-0.3833-0.8241i	87.3973-72.2183i	0.0539-1.0610i	0.8519+0.1025i	2.5640-2.4326i	-0.2129+0.3695i	0.6541+0.4281i
66.0	-0.0619-1.5188i	-0.4114-0.8269i	83.6243-79.4190i	-0.0122-1.0446i	0.8689+0.0725i	2.5240-2.6837i	-0.1335+0.3720i	0.6727+0.4047i
66.1	-0.2111-1.4656i	-0.4837-0.8676i	76.7714-84.5003i	-0.0528-1.0382i	0.9044+0.0402i	2.4019-2.8881i	-0.0555+0.3854i	0.6849+0.4042i
66.2	-0.3039-1.3546i	-0.5273-0.8429i	67.3034-84.4413i	-0.0757-0.9994i	0.8790-0.0099i	2.1678-2.8789i	0.0042+0.3367i	0.6609+0.3511i
66.3	-0.4018-1.3079i	-0.4883-0.8459i	57.9556-86.3918i	-0.0348-0.9633i	0.8291-0.0513i	1.9658-2.9713i	0.1089+0.2949i	0.6436+0.3165i
66.4	-0.5533-1.1406i	-0.6131-0.8114i	50.6374-90.1170i	-0.1598-0.9637i	0.8368-0.1380i	1.7726-2.9768i	0.1138+0.2316i	0.6487+0.2407i
66.5	-0.5934-1.0784i	-0.6240-0.7600i	48.5865-90.1538i	-0.1962-0.8772i	0.7872-0.1992i	1.7411-3.0740i	0.1220+0.2347i	0.6380+0.1992i
66.6	-0.5755-1.0425i	-0.5131-0.8254i	43.3711-90.6288i	-0.1318-0.8913i	0.7266-0.2088i	1.6555-3.0893i	0.2151+0.1794i	0.6292+0.1749i
66.7	-0.5668-0.8986i	-0.5130-0.8558i	31.5462-91.6957i	-0.0834-0.8793i	0.6491-0.2308i	1.3981-3.0673i	0.2909+0.0972i	0.5809+0.1152i
66.8	-0.5543-0.7960i	-0.6634-0.7796i	27.7985-82.9932i	-0.1968-0.8598i	0.6174-0.2732i	1.3482-2.9448i	0.1995+0.0141i	0.5271+0.0909i
66.9	-0.5719-0.6992i	-0.7182-0.6623i	22.4583-82.7658i	-0.2392-0.8389i	0.5580-0.3304i	1.1548-3.0339i	0.1591-0.0630i	0.4742+0.0097i
67.0	-0.5489-0.6358i	-0.6740-0.6965i	15.9870-88.0199i	-0.1477-0.7636i	0.4750-0.3403i	0.9807-3.1293i	0.2750-0.0807i	0.4326-0.0242i
67.1	-0.5417-0.5886i	-0.7062-0.6399i	9.9059-85.4067i	-0.2178-0.7367i	0.4441-0.3373i	0.8793-3.1096i	0.2165-0.1059i	0.3987-0.0102i
67.2	-0.5208-0.5586i	-0.7730-0.6145i	4.8893-79.6323i	-0.2777-0.7135i	0.4390-0.3193i	0.7896-3.1198i	0.1342-0.1648i	0.3963-0.0071i
67.3	-0.5260-0.5011i	-0.8128-0.6267i	2.9967-75.6397i	-0.3430-0.7169i	0.4028-0.2948i	0.6608-2.9690i	0.0912-0.2376i	0.3768-0.0179i
67.4	-0.5414-0.4688i	-0.7642-0.6194i	-2.4796-76.3063i	-0.3368-0.6976i	0.3651-0.2626i	0.4348-2.9547i	0.0870-0.2452i	0.3521-0.0009i
67.5	-0.5219-0.3921i	-0.8570-0.5518i	-5.6006-73.1382i	-0.3528-0.6495i	0.3719-0.2724i	0.4203-2.9078i	0.0263-0.2642i	0.3175-0.0360i
67.6	-0.4292-0.3493i	-0.8913-0.5030i	-7.9240-66.9768i	-0.4373-0.6402i	0.3675-0.2694i	0.4468-2.6527i	-0.0814-0.2868i	0.2957-0.0394i
67.7	-0.4286-0.3546i	-0.8484-0.5091i	-10.7051-65.6572i	-0.4113-0.6516i	0.3487-0.2589i	0.3473-2.6932i	-0.0970-0.2853i	0.2919-0.0355i
67.8	-0.3794-0.3260i	-0.7697-0.4950i	-11.4415-63.3089i	-0.3502-0.5933i	0.2942-0.2636i	0.1072-2.6478i	-0.0997-0.2796i	0.2538-0.0418i
67.9	-0.3664-0.3245i	-0.6954-0.4729i	-11.0200-60.9588i	-0.3437-0.5126i	0.2562-0.2596i	0.0397-2.6425i	-0.1403-0.2560i	0.2330-0.0220i
68.0	-0.3463-0.3151i	-0.8392-0.5163i	-13.4765-58.6758i	-0.3876-0.4985i	0.2837-0.2176i	0.1460-2.5245i	-0.2099-0.2648i	0.2502-0.0102i
68.1	-0.3331-0.2937i	-0.8028-0.5226i	-17.7334-56.1992i	-0.3503-0.5593i	0.2421-0.1997i	-0.0973-2.3021i	-0.2219-0.2632i	0.2162-0.0142i
68.2	-0.3093-0.2908i	-0.7867-0.5283i	-20.7815-51.8878i	-0.3858-0.5559i	0.2176-0.1661i	-0.2304-2.1641i	-0.2645-0.2743i	0.1789-0.0103i
68.3	-0.3039-0.2623i	-0.8215-0.5107i	-22.6597-48.3847i	-0.3999-0.5055i	0.2388-0.1737i	-0.2484-2.1173i	-0.3241-0.2457i	0.1766-0.0030i
68.4	-0.2686-0.2568i	-0.7734-0.4974i	-24.6584-47.0436i	-0.3893-0.4509i	0.2254-0.1730i	-0.3092-2.0326i	-0.3274-0.1900i	0.1737-0.0005i
68.5	-0.2128-0.2582i	-0.7810-0.5100i	-23.6298-45.6126i	-0.4027-0.3903i	0.2115-0.1374i	-0.2357-1.9558i	-0.3547-0.1549i	0.1495-0.0001i
68.6	-0.1952-0.2896i	-0.8085-0.5074i	-19.6342-41.0137i	-0.3984-0.3817i	0.2071-0.1524i	-0.2603-1.8100i	-0.3848-0.1253i	0.1293+0.0038i

68.7	-0.2305-0.3299i	-0.8916-0.5108i	-20.8300-39.2196i	-0.3729-0.4120i	0.2486-0.1469i	-0.3063-1.7296i	-0.3789-0.0956i	0.1468+0.0088i
68.8	-0.2386-0.3144i	-0.9897-0.5217i	-24.2240-38.5014i	-0.4054-0.4283i	0.2624-0.1223i	-0.3089-1.5844i	-0.4130-0.1035i	0.1529+0.0013i
68.9	-0.2207-0.3090i	-0.9862-0.4909i	-23.4196-36.2249i	-0.4042-0.3738i	0.2434-0.1416i	-0.2107-1.5129i	-0.4336-0.0554i	0.1331-0.0043i
69.0	-0.2441-0.2868i	-1.0427-0.4261i	-24.7158-31.8495i	-0.5284-0.3150i	0.2389-0.1594i	-0.0973-1.5509i	-0.4890-0.0173i	0.1197-0.0094i
69.1	-0.2311-0.3423i	-1.1381-0.3977i	-27.3221-32.6241i	-0.5156-0.3367i	0.2539-0.1420i	-0.0069-1.5090i	-0.4821+0.0071i	0.1333+0.0077i
69.2	-0.1823-0.3645i	-1.1122-0.4340i	-25.4337-30.0511i	-0.4397-0.3268i	0.2465-0.1252i	-0.0707-1.3300i	-0.4317+0.0539i	0.1295+0.0202i
69.3	-0.2180-0.3305i	-1.1260-0.3433i	-26.1959-24.9372i	-0.5112-0.2353i	0.2529-0.1489i	-0.0647-1.4017i	-0.5014+0.0915i	0.1110+0.0193i
69.4	-0.1887-0.3300i	-1.2087-0.2588i	-23.8075-22.9966i	-0.4768-0.0832i	0.2327-0.1397i	-0.0694-1.5219i	-0.4547+0.2017i	0.1000+0.0391i
69.5	-0.1517-0.3200i	-1.3198-0.2136i	-23.0086-21.0899i	-0.5522-0.1433i	0.2299-0.1828i	0.1641-1.2984i	-0.4930+0.1605i	0.0854-0.0032i
69.6	-0.1794-0.3042i	-1.3301-0.0439i	-25.4364-18.5359i	-0.6579-0.0439i	0.2273-0.2224i	0.2922-1.4366i	-0.5480+0.2075i	0.0697-0.0114i
69.7	-0.2013-0.3201i	-1.1262-0.0046i	-23.0159-15.9882i	-0.3476+0.0379i	0.1720-0.1897i	-0.1478-1.4243i	-0.3634+0.3024i	0.0711+0.0187i
69.8	-0.1589-0.3283i	-1.1338-0.0729i	-21.5332-16.8122i	-0.3246-0.0582i	0.1624-0.1692i	-0.0805-1.1488i	-0.3641+0.2479i	0.0841+0.0216i
69.9	-0.1582-0.3477i	-1.1486-0.0194i	-23.4042-15.0198i	-0.3767+0.0524i	0.1594-0.1277i	0.0113-1.2900i	-0.3989+0.2948i	0.0707+0.0417i
70.0	-0.1854-0.3338i	-1.2528-0.0112i	-21.9976-12.4474i	-0.4311+0.0789i	0.1668-0.1130i	0.2041-1.2710i	-0.4183+0.3165i	0.0580+0.0604i
70.1	-0.1749-0.3315i	-1.2805+0.0224i	-20.9697-9.8714i	-0.3509+0.1108i	0.1828-0.1083i	0.1560-1.2428i	-0.3725+0.3396i	0.0722+0.0607i
70.2	-0.1841-0.3042i	-1.3566+0.1469i	-22.5350-7.7113i	-0.4449+0.2152i	0.2128-0.1355i	0.2969-1.3765i	-0.4400+0.3827i	0.0872+0.0520i
70.3	-0.2062-0.3390i	-1.4238+0.1661i	-21.5523-6.8227i	-0.4409+0.1857i	0.2275-0.1213i	0.3759-1.2720i	-0.4164+0.3664i	0.0789+0.0342i
70.4	-0.2448-0.3132i	-1.4293+0.3101i	-21.6558-1.5626i	-0.4134+0.3685i	0.2314-0.1473i	0.3469-1.5332i	-0.4227+0.4686i	0.0546+0.0501i
70.5	-0.2329-0.2640i	-1.4257+0.5718i	-21.0605+4.0075i	-0.3108+0.6231i	0.2354-0.1616i	0.3192-1.9039i	-0.3722+0.6485i	0.0504+0.0786i
70.6	-0.2447-0.3277i	-1.5058+0.5303i	-21.8118+1.5502i	-0.3607+0.4961i	0.2497-0.1485i	0.4560-1.7251i	-0.4055+0.5597i	0.0640+0.0371i
70.7	-0.2214-0.3092i	-1.3298+0.6237i	-15.6180+3.8510i	-0.1239+0.5218i	0.2064-0.1878i	0.1021-1.7434i	-0.2896+0.5790i	0.0512+0.0346i
70.8	-0.1155-0.2825i	-1.1155+0.7199i	-9.2421+6.7602i	0.2092+0.4531i	0.1485-0.2005i	-0.3193-1.6182i	-0.1183+0.5947i	0.0818+0.0451i
70.9	-0.1797-0.3266i	-1.2019+0.8187i	-11.1153+7.7873i	0.0844+0.5140i	0.2183-0.1635i	-0.1470-1.7556i	-0.2048+0.6313i	0.0849+0.0491i
71.0	-0.1929-0.3602i	-1.2026+0.8337i	-9.1483+8.6894i	0.0966+0.5204i	0.2177-0.1158i	-0.0968-1.7655i	-0.2120+0.6342i	0.0626+0.0720i
71.1	-0.0859-0.3747i	-0.9943+0.6864i	-3.1123+2.6224i	0.3151+0.2565i	0.1033-0.0745i	-0.3701-1.3025i	-0.0902+0.5100i	0.0500+0.0484i
71.2	-0.0533-0.3722i	-0.9015+0.8290i	-0.7774+5.6503i	0.4217+0.2962i	0.0741-0.0928i	-0.5007-1.3657i	-0.0264+0.5973i	0.0338+0.0482i
71.3	-0.0507-0.4116i	-0.8516+0.8737i	-0.5424+7.1530i	0.4391+0.2577i	0.0847-0.0577i	-0.4868-1.3409i	-0.0184+0.5842i	0.0348+0.0620i
71.4	-0.0543-0.4649i	-0.8566+0.8686i	0.2884+6.8281i	0.4558+0.2013i	0.0773-0.0331i	-0.4879-1.2593i	-0.0369+0.5838i	0.0142+0.0695i
71.5	-0.0955-0.4706i	-0.8947+1.0113i	0.3920+9.9633i	0.4287+0.2886i	0.1298-0.0798i	-0.4644-1.4016i	-0.0687+0.6768i	0.0057+0.0763i
71.6	-0.1489-0.6156i	-0.9143+0.9714i	-0.2560+5.8698i	0.3651+0.1159i	0.2065+0.0155i	-0.3495-1.2054i	-0.0390+0.6180i	0.0372+0.0797i
71.7	-0.1077-0.6961i	-0.7509+0.8126i	3.6391+0.4989i	0.4639-0.1275i	0.1863+0.1091i	-0.4715-0.8156i	0.0367+0.5073i	0.0412+0.0768i
71.8	-0.1724-0.7087i	-0.7303+0.7983i	5.6256-0.4645i	0.4449-0.1661i	0.2241+0.1510i	-0.4265-0.7113i	0.0254+0.4751i	0.0062+0.0860i
71.9	-0.1962-0.7733i	-0.7257+0.8808i	5.3143+2.7546i	0.4703-0.1257i	0.2459+0.1476i	-0.4113-0.7620i	0.0278+0.5429i	0.0023+0.0846i
72.0	-0.1789-0.7969i	-0.6536+0.9322i	6.5874+3.8448i	0.5317-0.1308i	0.2197+0.1308i	-0.5121-0.6861i	0.0607+0.6047i	-0.0082+0.0954i
72.1	-0.3058-0.8267i	-0.6419+0.8781i	9.6731+1.8597i	0.4930-0.2349i	0.3060+0.1564i	-0.4452-0.5506i	0.0951+0.5816i	0.0074+0.1138i
72.2	-0.2974-0.8890i	-0.5905+0.8776i	10.1875+0.0205i	0.5128-0.2863i	0.3128+0.2045i	-0.4671-0.4154i	0.0967+0.5804i	0.0073+0.1214i
72.3	-0.3533-0.8836i	-0.4930+0.9170i	11.6290-1.0923i	0.5485-0.3482i	0.3388+0.1915i	-0.4773-0.3610i	0.1559+0.6064i	-0.0092+0.1469i
72.4	-0.4323-0.8917i	-0.5271+0.9335i	12.5980-1.5624i	0.4896-0.4181i	0.4095+0.1850i	-0.3424-0.2531i	0.1889+0.5932i	0.0099+0.1447i
72.5	-0.4851-0.9132i	-0.6013+0.8876i	9.0764-2.8603i	0.3839-0.4524i	0.5156+0.2060i	-0.1398-0.1882i	0.1114+0.5655i	0.0076+0.1450i
72.6	-0.5472-0.9123i	-0.6547+0.8687i	8.0505-4.4066i	0.2646-0.4901i	0.5709+0.2192i	0.0387-0.0978i	0.0970+0.5533i	-0.0031+0.1682i
72.7	-0.5927-0.9065i	-0.6010+0.8685i	11.0595-5.3246i	0.3478-0.4785i	0.5733+0.1948i	-0.0341-0.0674i	0.1391+0.5691i	-0.0019+0.1826i
72.8	-0.6589-0.8653i	-0.5402+0.9856i	10.7442-3.9947i	0.2972-0.4644i	0.5913+0.1096i	0.0011-0.1535i	0.1737+0.6271i	-0.0056+0.2132i
72.9	-0.7750-0.8819i	-0.5586+1.0044i	10.5231-5.4421i	0.2265-0.4987i	0.6920+0.0930i	0.1604-0.1057i	0.1844+0.6262i	0.0068+0.2269i
73.0	-0.8461-0.8940i	-0.5942+1.0541i	11.7043-4.9394i	0.2020-0.5295i	0.7458+0.0787i	0.2405-0.0594i	0.1726+0.6607i	0.0062+0.2232i
73.1	-0.8516-0.8104i	-0.4534+1.0701i	13.1762-5.3442i	0.2384-0.5216i	0.7089-0.0351i	0.1741-0.0097i	0.2641+0.6768i	0.0178+0.2283i
73.2	-0.9699-0.7418i	-0.3592+1.1732i	11.0242-5.2224i	0.1892-0.5410i	0.7564-0.1079i	0.2470-0.0726i	0.3367+0.7054i	0.0379+0.2628i
73.3	-1.0408-0.7710i	-0.3546+1.2453i	11.9413-5.5343i	0.1552-0.5558i	0.8289-0.1288i	0.3533-0.0410i	0.3733+0.7505i	0.0589+0.2839i
73.4	-1.0900-0.8411i	-0.3317+1.1933i	11.7255-10.2549i	0.1079-0.6829i	0.8401-0.0912i	0.5314+0.1632i	0.4188+0.6607i	0.0625+0.2925i
73.5	-1.1669-0.7751i	-0.2688+1.2328i	10.6181-9.9446i	0.0691-0.6626i	0.8453-0.1805i	0.5824+0.0535i	0.4863+0.7016i	0.1052+0.2937i
73.6	-1.2416-0.7290i	-0.2092+1.2261i	9.4854-10.8788i	0.0018-0.6701i	0.8833-0.2316i	0.6757+0.0561i	0.5084+0.6943i	0.1126+0.3095i
73.7	-1.2782-0.6370i	-0.1001+1.1717i	9.8236-12.0578i	-0.0259-0.6635i	0.8601-0.2528i	0.7055+0.0236i	0.5571+0.5860i	0.1067+0.2894i
73.8	-1.3494-0.5993i	-0.0887+1.1942i	9.4101-12.5517i	-0.1054-0.6882i	0.8977-0.3094i	0.8428+0.0405i	0.6114+0.6041i	0.1351+0.3219i
73.9	-1.3937-0.5428i	-0.0226+1.1722i	11.1021-12.8684i	-0.0605-0.7050i	0.9162-0.3344i	0.8043+0.1534i	0.6805+0.5713i	0.1550+0.3326i
74.0	-1.4443-0.4852i	0.0157+1.1471i	10.9466-13.0543i	-0.0366-0.7128i	0.9298-0.3894i	0.7815+0.1757i	0.7138+0.5286i	0.1411+0.3121i
74.1	-1.4704-0.3251i	0.0590+1.2087i	7.8804-11.8149i	-0.0845-0.5744i	0.9048-0.5433i	0.8851-0.0969i	0.7542+0.4945i	0.1730+0.3178i
74.2	-1.4909-0.2235i	0.1260+1.1902i	7.1812-11.5444i	-0.1856-0.5641i	0.8845-0.5957i	1.0004-0.1601i	0.7483+0.4260i	0.1938+0.3070i
74.3	-1.5231-0.1217i	0.1724+1.1960i	8.1077-12.7551i	-0.1946-0.5825i	0.9072-0.6805i	1.0751-0.0805i	0.7814+0.3650i	0.1987+0.3116i
74.4	-1.5138-0.0895i	0.2342+1.1830i	8.8098-13.3472i	-0.1755-0.6083i	0.8299-0.7345i	1.0074-0.0511i	0.8212+0.3405i	0.2004+0.3128i
74.5	-1.4591-0.0480i	0.2576+1.1279i	9.3182-12.2262i	-0.1515-0.5392i	0.7762-0.7146i	0.9858-0.1005i	0.7737+0.2880i	0.1853+0.3130i
74.6	-1.4464+0.0160i	0.3438+1.1122i	11.8392-14.9751i	-0.1110-0.6651i	0.7668-0.7620i	1.0100+0.0792i	0.8219+0.2266i	0.2198+0.3200i
74.7	-1.3970+0.0479i	0.3268+1.1485i	9.2372-12.6532i	-0.1622-0.5932i	0.7299-0.7966i	1.0646-0.0418i	0.7554+0.2392i	0.2157+0.3376i
74.8	-1.4109+0.1270i	0.3821+1.1441i	8.1288-12.5335i	-0.1761-0.5467i	0.7346-0.8748i	1.1447-0.1139i	0.7200+0.2642i	0.2390+0.3544i
74.9	-1.4127+0.1725i	0.4054+1.1411i	7.3765-15.2509i	-0.2428-0.6204i	0.7258-0.9325i	1.3351-0.0753i	0.7058+0.1952i	0.2483+0.3676i

75.0	−1.4124+0.1522i	0.4603+1.1136i	7.8247−13.8772i	−0.1764−0.6099i	0.6960−0.9218i	1.2248−0.0329i	0.7323+0.2062i	0.2564+0.3710i
75.1	−1.3557+0.2778i	0.5568+1.0347i	8.7959−14.2133i	−0.1455−0.6436i	0.6032−0.9693i	1.2459+0.0123i	0.7370+0.1347i	0.2873+0.3516i
75.2	−1.3810+0.3023i	0.5056+1.0410i	7.8003−17.4297i	−0.3369−0.7014i	0.5997−1.0409i	1.5612−0.0022i	0.6864+0.1130i	0.3076+0.3846i
75.3	−1.3595+0.3655i	0.5998+0.9899i	6.1598−17.9004i	−0.3503−0.7256i	0.5231−1.0848i	1.5770−0.0994i	0.7076+0.1041i	0.3418+0.3844i
75.4	−1.2886+0.3748i	0.6621+0.9578i	5.1845−16.7046i	−0.3157−0.7212i	0.4755−1.0938i	1.5488−0.1145i	0.7275+0.1268i	0.3567+0.3830i
75.5	−1.2951+0.2951i	0.7201+0.9884i	7.1896−15.3270i	−0.2759−0.7349i	0.4563−1.0684i	1.5557−0.1070i	0.7497+0.1900i	0.3713+0.3940i
75.6	−1.3119+0.3625i	0.7674+0.8871i	8.3344−16.4086i	−0.3517−0.7865i	0.4049−1.0602i	1.6768+0.0148i	0.7259+0.1204i	0.3809+0.3858i
75.7	−1.3931+0.4434i	0.8999+0.9093i	8.1405−16.3147i	−0.3590−0.7800i	0.3928−1.1806i	1.8034−0.0684i	0.8593+0.1838i	0.4484+0.4065i
75.8	−1.3551+0.4841i	0.9538+0.8610i	7.3907−13.9186i	−0.3315−0.7174i	0.3111−1.1938i	1.6384−0.1446i	0.8972+0.1956i	0.4671+0.3770i
75.9	−1.3217+0.5539i	0.9781+0.7611i	5.7707−14.3940i	−0.4302−0.7325i	0.2383−1.2075i	1.7728−0.2586i	0.8860+0.1371i	0.5053+0.3754i
76.0	−1.3626+0.5344i	0.9972+0.7235i	7.0686−17.6819i	−0.5065−0.8110i	0.2444−1.2290i	1.9755−0.2186i	0.9276+0.1090i	0.5330+0.3845i
76.1	−1.3656+0.5832i	1.0466+0.6961i	7.7794−16.6857i	−0.5060−0.7930i	0.1824−1.2413i	1.8592−0.2139i	0.9886+0.1399i	0.5637+0.3955i
76.2	−1.3995+0.6151i	1.0680+0.6677i	7.4062−15.9993i	−0.5373−0.7756i	0.1729−1.2728i	1.9231−0.1912i	1.0434+0.1340i	0.5987+0.3940i
76.3	−1.3981+0.6518i	1.0643+0.5871i	5.8376−16.3591i	−0.6173−0.7768i	0.1205−1.2825i	2.0480−0.1956i	1.0700+0.1065i	0.6254+0.3729i
76.4	−1.3607+0.7770i	1.1104+0.4826i	5.4200−16.9819i	−0.7123−0.6901i	−0.0009−1.2878i	2.1008−0.3702i	1.0573+0.0254i	0.6815+0.3355i
76.5	−1.3507+0.8213i	1.1480+0.3811i	6.9829−17.9902i	−0.7693−0.7882i	−0.0261−1.2892i	2.2472−0.1886i	1.1243−0.0360i	0.6981+0.3523i
76.6	−1.3228+0.8819i	1.1197+0.3285i	7.2592−19.0500i	−0.7692−0.7795i	−0.0694−1.2809i	2.3853−0.0734i	1.1967−0.0887i	0.7263+0.3533i
76.7	−1.2745+0.9386i	1.0854+0.2408i	4.0323−19.2726i	−0.8859−0.6945i	−0.1438−1.2897i	2.4904−0.4661i	1.1516−0.1885i	0.7821+0.2898i
76.8	−1.2102+0.9535i	1.0480+0.1100i	4.5769−19.1765i	−0.9823−0.7013i	−0.1788−1.2338i	2.7236−0.5231i	1.1408−0.3135i	0.8054+0.2516i
76.9	−1.2066+1.0760i	1.1122+0.0085i	6.7008−17.6879i	−1.0302−0.6953i	−0.2428−1.2326i	2.8514−0.4247i	1.2358−0.4328i	0.8554+0.2152i
77.0	−1.1316+1.1582i	1.1123−0.0090i	4.8803−16.5804i	−0.9775−0.5748i	−0.3164−1.2428i	2.7144−0.5534i	1.2645−0.4495i	0.8862+0.1704i
77.1	−1.0884+1.1857i	1.0913−0.0523i	4.8540−18.2723i	−1.0004−0.5708i	−0.3632−1.2490i	2.8953−0.6106i	1.2820−0.4976i	0.9165+0.1672i
77.2	−0.9920+1.1826i	1.0642−0.1897i	8.6633−20.0204i	−1.0635−0.6421i	−0.4240−1.1906i	3.2333−0.5903i	1.2869−0.7160i	0.9641+0.0847i
77.3	−0.9631+1.1696i	0.9911−0.2309i	5.3786−19.1989i	−1.1286−0.5400i	−0.4677−1.1652i	3.2120−1.0161i	1.2610−0.7688i	0.9899+0.0410i
77.4	−0.9711+1.2092i	0.8893−0.2827i	4.6370−22.0886i	−1.1805−0.5478i	−0.4878−1.1548i	3.2647−1.0121i	1.1644−0.8935i	0.9828−0.0220i
77.5	−0.8873+1.1965i	0.8569−0.3492i	6.8596−23.3851i	−1.2559−0.5121i	−0.5324−1.0780i	3.5244−1.2544i	1.1006−1.0111i	0.9824−0.1114i
77.6	−0.8586+1.2391i	0.8667−0.3766i	5.2130−21.2941i	−1.3072−0.4665i	−0.6034−1.0567i	3.6102−1.4963i	1.1118−1.0834i	1.0242−0.1767i
77.7	−0.8086+1.2823i	0.7930−0.3724i	2.9523−22.4725i	−1.3501−0.4165i	−0.5937−1.0528i	3.6563−1.4752i	1.0053−1.1342i	0.9774−0.1972i
77.8	−0.8134+1.2541i	0.7125−0.4303i	3.5212−22.9859i	−1.3962−0.3918i	−0.6087−1.0039i	3.5748−1.6604i	0.8842−1.2110i	0.9652−0.2365i
77.9	−0.7979+1.2393i	0.6522−0.4223i	2.3242−23.5886i	−1.4715−0.3072i	−0.6469−0.9828i	3.5201−1.9087i	0.8038−1.2400i	0.9769−0.2727i
78.0	−0.7187+1.2946i	0.5858−0.4689i	2.2334−23.1094i	−1.5501−0.2220i	−0.6955−0.9403i	3.5902−2.1866i	0.6628−1.3443i	0.9348−0.3629i
78.1	−0.6712+1.2262i	0.4927−0.4679i	4.1327−23.6043i	−1.6365−0.2277i	−0.6983−0.9255i	3.8065−2.3767i	0.5189−1.3121i	0.9100−0.3626i
78.2	−0.5990+1.1851i	0.4856−0.4490i	4.2829−23.7061i	−1.6005−0.2067i	−0.7337−0.8441i	3.6989−2.3723i	0.4268−1.3134i	0.8761−0.3808i
78.3	−0.6387+1.2345i	0.4448−0.4642i	2.4999−22.1735i	−1.6719−0.0726i	−0.7499−0.8035i	3.5812−2.7520i	0.3118−1.4342i	0.8457−0.4881i
78.4	−0.6651+1.2877i	0.3627−0.4521i	1.2211−24.6209i	−1.7772+0.1090i	−0.7577−0.7779i	3.4997−3.1505i	0.2038−1.4161i	0.8525−0.5468i
78.5	−0.6727+1.2871i	0.3374−0.4252i	2.6648−25.7818i	−1.7459+0.1999i	−0.7299−0.7614i	3.3988−3.1027i	0.1485−1.3326i	0.8410−0.5350i
78.6	−0.7048+1.3148i	0.3196−0.3497i	3.9691−26.8050i	−1.7730+0.3492i	−0.7318−0.7629i	3.2216−3.1897i	0.0425−1.2543i	0.8008−0.5399i
78.7	−0.6160+1.3413i	0.3015−0.3305i	2.6621−27.0588i	−1.7249+0.4633i	−0.7374−0.7354i	3.1874−3.3208i	−0.0416−1.1869i	0.7604−0.5674i
78.8	−0.5083+1.4257i	0.2666−0.3096i	0.9969−26.5861i	−1.6294+0.6442i	−0.7337−0.6904i	2.9279−3.4507i	−0.1582−1.1007i	0.7058−0.6070i
78.9	−0.4826+1.5587i	0.2091−0.3118i	−1.6529−27.8278i	−1.5818+0.9356i	−0.7091−0.6073i	2.5258−3.8278i	−0.2739−1.1230i	0.6139−0.7191i
79.0	−0.3334+1.5048i	0.2421−0.1424i	−5.1968−29.6878i	−1.2790+0.8369i	−0.6218−0.7044i	2.3973−3.0718i	−0.3490−0.8850i	0.4715−0.5851i
79.1	−0.4837+1.4223i	0.3118−0.2127i	−8.3843−28.2628i	−1.4835+0.7637i	−0.6868−0.7234i	2.9692−3.3889i	−0.2597−0.8430i	0.6148−0.5312i
79.2	−0.4550+1.5223i	0.3113−0.2231i	−6.9045−25.9019i	−1.4905+0.9140i	−0.7219−0.7309i	2.9515−3.6836i	−0.2508−0.8115i	0.6290−0.5689i
79.3	−0.3043+1.6665i	0.3236−0.1999i	−9.4192−25.7874i	−1.3349+1.0994i	−0.7786−0.7624i	2.7667−3.9007i	−0.2512−0.7219i	0.6041−0.5977i
79.4	−0.1401+1.7086i	0.3573−0.2146i	−9.6795−26.0214i	−1.2086+1.1271i	−0.8194−0.7698i	2.8616−3.8911i	−0.2758−0.6794i	0.5765−0.6243i
79.5	−0.0741+1.6439i	0.3692−0.2496i	−8.6039−25.4810i	−1.1079+1.1214i	−0.8749−0.7480i	2.9665−4.0343i	−0.1995−0.6360i	0.5692−0.6357i
79.6	0.0209+1.6867i	0.3494−0.2405i	−10.8864−27.5652i	−0.9598+1.1963i	−0.9157−0.7395i	2.6750−4.3143i	−0.1684−0.6501i	0.5332−0.6819i
79.7	0.1291+1.6640i	0.3050−0.2335i	−11.3341−28.1354i	−0.9061+1.2663i	−0.9412−0.7250i	2.3326−4.4581i	−0.2380−0.5652i	0.4689−0.6701i
79.8	0.1740+1.5108i	0.3287−0.2341i	−12.4032−25.8632i	−0.8548+1.2232i	−0.9858−0.6761i	2.3485−4.6390i	−0.1445−0.5131i	0.5021−0.6727i
79.9	0.2124+1.4385i	0.3650−0.2515i	−13.9162−24.2302i	−0.7944+1.2011i	−1.0251−0.6428i	2.3500−4.7744i	−0.0695−0.5161i	0.5064−0.6690i
80.0	0.2061+1.3679i	0.3186−0.2535i	−12.2691−26.9226i	−0.7839+1.1813i	−1.0561−0.6293i	2.3181−4.8752i	−0.0856−0.4660i	0.5047−0.6592i

2.1.10 Run 1 – IP000-200 – Accels 25–32

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	16.3206+0.0000i	15.6039+0.0000i	12.3205+0.0000i	14.6238+0.0000i	5.6608+0.0000i	20.1349+0.0000i	14.0358+0.0000i	-11.0041+0.0000i
0.1	1.9027-1.1460i	-0.1449+0.1829i	0.0712-0.4336i	1.0447-0.2578i	1.4563+0.7052i	3.3832+0.8554i	-1.3112+0.0678i	0.4488-0.2365i
0.2	-0.6902+2.2669i	-0.1274+0.1345i	-0.1697-0.1358i	0.6123+0.1985i	-0.3239+0.6334i	0.7230-0.2283i	0.0549-0.3958i	0.6300+0.0092i
0.3	0.1706-0.2039i	-0.0348-0.0123i	0.1551-0.0208i	0.0544+0.0665i	0.7952-0.9617i	1.1792-0.4419i	0.5484-0.3093i	0.0298+0.0612i
0.4	0.0631+0.0736i	-0.0145-0.0340i	-0.0530+0.0341i	0.3762+0.2284i	-0.7821+0.0239i	-0.7348+0.5091i	0.4906-0.2485i	-0.4680-0.2696i
0.5	-0.1010-0.1739i	-0.2485+0.0267i	-0.1287-0.0439i	-0.1607-0.1033i	0.1848-0.2303i	0.3926-0.3356i	-0.0856-0.1957i	0.1638+0.0034i
0.6	-0.2173+0.2124i	-0.3367+0.0410i	-0.3323+0.0989i	0.8640-0.3539i	0.2263-0.7223i	0.6284-0.4083i	0.2947+0.0017i	0.3687+0.0265i
0.7	0.2416-0.2889i	-0.1247+0.0079i	-0.0430-0.0866i	0.0634+0.0683i	-0.0117-0.0518i	0.1048+0.0025i	-0.0836-0.0614i	-0.0028+0.0396i
0.8	0.0305+0.1029i	-0.0873+0.0158i	0.0113-0.0045i	-0.0398-0.1266i	-0.0723+0.0467i	-0.0453+0.0663i	0.0245+0.0299i	-0.0332-0.0157i
0.9	0.0184-0.0205i	-0.0827-0.0214i	0.0498-0.0443i	0.0140-0.0702i	-0.0107-0.0164i	-0.0011-0.0555i	0.0640-0.0044i	0.0282-0.0150i
1.0	0.0178+0.0173i	-0.1072-0.0127i	0.0143-0.1243i	0.0669-0.0169i	-0.0007-0.0030i	0.0227-0.0083i	0.0456+0.0261i	0.0081+0.0271i
1.1	0.0072+0.0189i	-0.1369-0.0258i	-0.0692-0.0667i	0.0201-0.0043i	-0.0063-0.0130i	-0.0161-0.0075i	0.0178-0.0062i	0.0091+0.0107i
1.2	0.0118+0.0020i	-0.1556-0.0019i	-0.1021+0.1146i	0.0138-0.0100i	-0.0192-0.0029i	-0.0078-0.0122i	0.0108-0.0054i	0.0110-0.0076i
1.3	0.0083-0.0069i	-0.2016-0.0061i	0.2250+0.0751i	0.0259-0.0037i	-0.0295-0.0151i	0.0114-0.0282i	0.0185+0.0120i	-0.0116+0.0034i
1.4	0.0184-0.0053i	-0.2539-0.0125i	0.2299-0.0508i	0.0473-0.0002i	-0.0449-0.0153i	0.0186-0.0069i	0.0494-0.0012i	-0.0082+0.0035i
1.5	0.0274-0.0034i	-0.3048-0.0229i	0.7636-0.6523i	0.0289-0.0274i	-0.0544+0.0126i	0.0235-0.0009i	0.0416+0.0208i	-0.0251+0.0064i
1.6	0.0351+0.0043i	-0.4306-0.0131i	-0.6077-0.4418i	0.0138-0.0234i	-0.0582+0.0068i	0.0115-0.0020i	0.0779+0.0032i	-0.0046+0.0133i
1.7	0.0366+0.0042i	-0.5336-0.0104i	-0.2317-0.0921i	0.0235+0.0099i	-0.0757+0.0037i	0.0175-0.0022i	0.0896-0.0005i	-0.0163+0.0098i
1.8	0.0462+0.0009i	-0.7079+0.0049i	-0.1813-0.0644i	0.0442+0.0122i	-0.1067-0.0002i	0.0143-0.0073i	0.1142-0.0004i	-0.0229+0.0145i
1.9	0.0587+0.0031i	-0.9480+0.0173i	-0.1639-0.0460i	0.0661+0.0042i	-0.1429+0.0048i	0.0261-0.0181i	0.1548-0.0059i	-0.0352+0.0230i
2.0	0.0772+0.0034i	-1.3766+0.0531i	-0.1752-0.0379i	0.0859-0.0082i	-0.2123+0.0087i	0.0296-0.0357i	0.2221-0.0138i	-0.0472+0.0472i
2.1	0.1204+0.0073i	-2.1955+0.1580i	-0.1996-0.0219i	0.1349-0.0011i	-0.3477+0.0218i	-0.0022-0.1075i	0.3475-0.0359i	-0.0237+0.1381i
2.2	0.2364-0.0434i	-4.4626+1.0066i	-0.2438-0.0147i	0.2258-0.0876i	-0.7281+0.1945i	-0.1044+0.0039i	0.7168-0.1687i	0.0846+0.0188i
2.3	0.0323-0.6688i	-0.4329+14.3038i	-0.2499+0.5620i	-0.0450-0.7596i	0.0358+2.3131i	0.0269+0.0564i	0.0495-2.3508i	0.0333+0.1428i
2.4	-0.1863-0.0699i	4.6925+1.4466i	0.0776+0.0792i	-0.2302-0.0603i	0.7785+0.1993i	-0.0320-0.0054i	-0.7823-0.2414i	0.0913+0.0115i
2.5	-0.0930-0.0260i	2.7295+0.4987i	0.0224+0.0370i	-0.1168-0.0265i	0.4541+0.0671i	-0.0224-0.0023i	-0.4647-0.0720i	0.0668+0.0032i
2.6	-0.0566-0.0118i	1.9920+0.2512i	-0.0016+0.0163i	-0.0837+0.0046i	0.3309+0.0310i	-0.0212+0.0018i	-0.3459-0.0363i	0.0549-0.0005i
2.7	-0.0361-0.0089i	1.5974+0.1797i	-0.0112+0.0117i	-0.0543-0.0121i	0.2692+0.0199i	-0.0210+0.0017i	-0.2785-0.0227i	0.0488-0.0012i
2.8	-0.0209-0.0072i	1.3621+0.1319i	-0.0170+0.0111i	-0.0434-0.0050i	0.2322+0.0109i	-0.0200-0.0008i	-0.2421-0.0149i	0.0439-0.0032i
2.9	-0.0101-0.0046i	1.1980+0.1118i	-0.0190+0.0082i	-0.0282-0.0027i	0.2102+0.0086i	-0.0156+0.0021i	-0.2165-0.0117i	0.0415-0.0029i
3.0	-0.0020-0.0039i	1.0838+0.0923i	-0.0240+0.0061i	-0.0192-0.0001i	0.1929+0.0044i	-0.0168-0.0001i	-0.1997-0.0080i	0.0387-0.0028i
3.1	0.0063-0.0033i	0.9998+0.0854i	-0.0258+0.0036i	-0.0153+0.0017i	0.1804+0.0035i	-0.0150+0.0019i	-0.1868-0.0051i	0.0372-0.0031i
3.2	0.0113-0.0023i	0.9371+0.0766i	-0.0266+0.0044i	-0.0054-0.0001i	0.1691-0.0011i	-0.0165+0.0023i	-0.1771-0.0011i	0.0371-0.0038i
3.3	0.0162-0.0030i	0.8901+0.0720i	-0.0278+0.0022i	0.0038-0.0011i	0.1612-0.0000i	-0.0167+0.0031i	-0.1679+0.0002i	0.0366-0.0040i
3.4	0.0235-0.0027i	0.8456+0.0643i	-0.0295+0.0037i	0.0126-0.0054i	0.1543+0.0008i	-0.0160+0.0021i	-0.1645-0.0016i	0.0348-0.0029i
3.5	0.0302-0.0019i	0.8130+0.0566i	-0.0309+0.0024i	0.0189+0.0037i	0.1512+0.0030i	-0.0198+0.0040i	-0.1615-0.0024i	0.0362-0.0040i
3.6	0.0345-0.0026i	0.7856+0.0574i	-0.0317+0.0023i	0.0209+0.0046i	0.1526+0.0017i	-0.0154+0.0011i	-0.1592-0.0002i	0.0361-0.0042i
3.7	0.0417-0.0020i	0.7573+0.0544i	-0.0345+0.0006i	0.0392+0.0006i	0.1521+0.0013i	-0.0150+0.0039i	-0.1589+0.0016i	0.0361-0.0052i
3.8	0.0485-0.0013i	0.7378+0.0520i	-0.0328-0.0003i	0.0437+0.0010i	0.1508-0.0011i	-0.0176+0.0030i	-0.1602+0.0018i	0.0360-0.0051i
3.9	0.0522+0.0001i	0.7215+0.0529i	-0.0358-0.0001i	0.0454-0.0120i	0.1537+0.0010i	-0.0156+0.0038i	-0.1604-0.0004i	0.0392-0.0050i
4.0	0.0589-0.0002i	0.7062+0.0513i	-0.0342+0.0020i	0.0675-0.0113i	0.1544+0.0016i	-0.0202+0.0051i	-0.1656-0.0006i	0.0388-0.0031i
4.1	0.0669+0.0002i	0.6894+0.0461i	-0.0349+0.0023i	0.0704+0.0139i	0.1600-0.0006i	-0.0208+0.0052i	-0.1670-0.0004i	0.0409-0.0091i
4.2	0.0716-0.0007i	0.6775+0.0494i	-0.0356-0.0005i	0.0715+0.0040i	0.1640-0.0002i	-0.0221+0.0072i	-0.1705+0.0061i	0.0466-0.0062i
4.3	0.0818-0.0001i	0.6776+0.0520i	-0.0340+0.0023i	0.0759-0.0118i	0.1696-0.0079i	-0.0276+0.0051i	-0.1840+0.0079i	0.0486-0.0092i
4.4	0.0840-0.0016i	0.6622+0.0590i	-0.0383+0.0009i	0.0852-0.0168i	0.1806-0.0116i	-0.0254+0.0180i	-0.1873+0.0136i	0.0514-0.0219i
4.5	0.0905-0.0015i	0.6657+0.0625i	-0.0414+0.0016i	0.0954-0.0140i	0.1682-0.0128i	-0.0106+0.0150i	-0.1746+0.0106i	0.0356-0.0176i
4.6	0.1034+0.0012i	0.6531+0.0613i	-0.0404+0.0039i	0.1126-0.0339i	0.1828-0.0119i	-0.0159+0.0092i	-0.1894+0.0139i	0.0473-0.0126i
4.7	0.1114-0.0001i	0.6491+0.0618i	-0.0352+0.0045i	0.1170-0.0295i	0.1951-0.0137i	-0.0223+0.0167i	-0.2100+0.0249i	0.0487-0.0151i
4.8	0.1173-0.0033i	0.6457+0.0635i	-0.0382+0.0013i	0.1241-0.0166i	0.2052-0.0263i	-0.0232+0.0142i	-0.2193+0.0302i	0.0497-0.0211i
4.9	0.1261+0.0004i	0.6495+0.0690i	-0.0436+0.0065i	0.1374-0.0477i	0.2109-0.0172i	-0.0286+0.0130i	-0.2271+0.0184i	0.0562-0.0204i
5.0	0.1356-0.0010i	0.6445+0.0715i	-0.0465+0.0122i	0.1565-0.0390i	0.2392-0.0310i	-0.0286+0.0176i	-0.2563+0.0326i	0.0668-0.0258i
5.1	0.1464-0.0029i	0.6395+0.0859i	-0.0422+0.0058i	0.1546-0.0600i	0.2543-0.0498i	-0.0353+0.0277i	-0.2719+0.0609i	0.0749-0.0385i
5.2	0.1608-0.0107i	0.6412+0.0891i	-0.0390+0.0072i	0.1692-0.0758i	0.2728-0.0878i	-0.0279+0.0321i	-0.2949+0.1089i	0.0659-0.0460i
5.3	0.1704-0.0097i	0.6453+0.0997i	-0.0421+0.0090i	0.1610-0.0746i	0.2897-0.1081i	-0.0371+0.0351i	-0.3113+0.1247i	0.0757-0.0544i
5.4	0.1743-0.0122i	0.6558+0.1159i	-0.0499+0.0129i	0.1675-0.0763i	0.3059-0.1412i	-0.0371+0.0429i	-0.3327+0.1607i	0.0807-0.0661i
5.5	0.1901-0.0177i	0.6608+0.1333i	-0.0442+0.0153i	0.1727-0.0946i	0.2945-0.1984i	-0.0368+0.0517i	-0.3247+0.2413i	0.0813-0.0876i
5.6	0.1938-0.0207i	0.6753+0.1468i	-0.0442+0.0140i	0.1754-0.0622i	0.2960-0.2441i	-0.0333+0.0690i	-0.3057+0.3038i	0.0793-0.1080i

5.7	0.2021-0.0239i	0.7028+0.1499i	-0.0382+0.0155i	0.1891-0.0714i	0.2621-0.2623i	-0.0401+0.0859i	-0.2669+0.3340i	0.0739-0.1316i
5.8	0.2141-0.0287i	0.7027+0.1750i	-0.0362+0.0130i	0.2016-0.0719i	0.2900-0.3633i	-0.0270+0.1024i	-0.2745+0.4445i	0.0662-0.1642i
5.9	0.2141-0.0324i	0.7580+0.1805i	-0.0357+0.0047i	0.1982-0.0632i	0.1515-0.4109i	-0.0037+0.1313i	-0.1118+0.4767i	0.0146-0.1950i
6.0	0.2187-0.0294i	0.7821+0.1891i	-0.0328+0.0089i	0.2015-0.0732i	0.0787-0.4081i	0.0553+0.1271i	-0.0198+0.4549i	-0.0521-0.1976i
6.1	0.2244-0.0304i	0.8288+0.1719i	-0.0301+0.0074i	0.2220-0.0657i	0.0025-0.3535i	0.0754+0.1097i	0.0591+0.3974i	-0.0872-0.1611i
6.2	0.2227-0.0203i	0.8509+0.1821i	-0.0377+0.0055i	0.2357-0.0317i	0.0078-0.3424i	0.1004+0.0918i	0.0636+0.3703i	-0.1210-0.1477i
6.3	0.2221-0.0220i	0.8855+0.1675i	-0.0390+0.0048i	0.2744-0.0315i	-0.0330-0.3203i	0.1209+0.0493i	0.1061+0.3300i	-0.1456-0.1024i
6.4	0.2205-0.0116i	0.9158+0.1647i	-0.0442+0.0097i	0.3342-0.0383i	-0.0298-0.3014i	0.1042+0.0296i	0.0864+0.3071i	-0.1226-0.0716i
6.5	0.2072+0.0054i	0.9708+0.1706i	-0.0433+0.0103i	0.3557-0.0458i	-0.0490-0.2774i	0.0787+0.0077i	0.1109+0.2699i	-0.1081-0.0479i
6.6	0.2040+0.0356i	1.0232+0.1620i	-0.0438+0.0047i	0.4052-0.0661i	-0.0467-0.2827i	0.0941+0.0079i	0.1266+0.2627i	-0.1221-0.0434i
6.7	0.1845+0.0699i	1.1208+0.1283i	-0.0395+0.0000i	0.4295-0.0503i	-0.0494-0.3059i	0.1060-0.0099i	0.1262+0.2667i	-0.1466-0.0195i
6.8	0.1484+0.1224i	1.2059+0.0859i	-0.0501+0.0049i	0.4875-0.0778i	-0.1054-0.3523i	0.0989-0.0412i	0.1685+0.2728i	-0.1545+0.0154i
6.9	0.0920+0.2140i	1.3353+0.0091i	-0.0553+0.0029i	0.5426-0.0932i	-0.2008-0.3845i	0.1087-0.0767i	0.2564+0.2822i	-0.1905+0.0506i
7.0	0.0110+0.4667i	1.4705-0.1912i	-0.0560+0.0082i	0.5562-0.1466i	-0.3713-0.3819i	0.0785-0.1109i	0.3916+0.2554i	-0.1833+0.1152i
7.1	0.1537+1.0167i	1.5141-0.6026i	-0.0676+0.0178i	0.6068-0.1772i	-0.6093-0.2214i	0.1097-0.1396i	0.5932+0.0660i	-0.2488+0.2296i
7.2	0.9633+1.3031i	1.0507-0.8919i	-0.0557+0.0390i	0.6058-0.1558i	-0.5910+0.2804i	-0.0721-0.2895i	0.4730-0.4068i	0.0266+0.4740i
7.3	1.4536+0.8779i	0.7707-0.6913i	-0.0504+0.0286i	0.6958-0.1225i	-0.1506+0.4690i	-0.3209-0.1194i	-0.0528-0.5511i	0.3832+0.2863i
7.4	1.8007+0.5920i	0.5041-0.5855i	-0.0476+0.0528i	0.7712-0.2489i	0.2316+0.2864i	-0.2039+0.3330i	-0.4272-0.0857i	0.3472-0.2508i
7.5	1.8270+0.1229i	0.5201-0.2279i	-0.0275+0.0349i	0.8233-0.2164i	0.2774+0.0229i	0.1367+0.1972i	-0.2193+0.1271i	-0.0251-0.1859i
7.6	1.7405-0.0740i	0.7021-0.1198i	-0.0340+0.0218i	0.9262-0.2655i	0.2225-0.1665i	0.1327+0.0209i	-0.1571+0.1869i	-0.0468-0.0436i
7.7	1.7454-0.1709i	0.8253-0.1117i	-0.0303+0.0162i	1.0157-0.3206i	0.1440-0.2371i	0.0981-0.0014i	-0.1215+0.2305i	-0.0214-0.0261i
7.8	1.8147-0.2812i	0.9136-0.1261i	-0.0377+0.0130i	1.1355-0.4211i	0.0707-0.3011i	0.0780-0.0370i	-0.0649+0.2826i	-0.0080+0.0021i
7.9	1.8787-0.4067i	0.9622-0.1947i	-0.0443+0.0168i	1.2067-0.5782i	0.0301-0.3118i	0.0590-0.0237i	-0.0312+0.2986i	-0.0026-0.0024i
8.0	1.9341-0.4869i	0.9446-0.1508i	-0.0442+0.0212i	1.2439-0.6329i	-0.0484-0.4898i	0.0343-0.1547i	-0.0068+0.4577i	0.0277+0.0913i
8.1	1.9949-0.6506i	1.0640-0.2364i	-0.0370+0.0184i	1.3324-0.7841i	-0.3094-0.4441i	-0.0446-0.0059i	0.2741+0.4645i	0.0586-0.0521i
8.2	2.0843-0.6963i	1.0555-0.2258i	-0.0438+0.0154i	1.3916-0.8036i	-0.3465-0.3754i	0.0090-0.0104i	0.3225+0.3872i	0.0133-0.0443i
8.3	2.2550-0.7910i	1.1261-0.2216i	-0.0420+0.0130i	1.5592-0.8708i	-0.4227-0.3536i	-0.0027-0.0096i	0.3934+0.3685i	0.0149-0.0457i
8.4	2.5106-0.9319i	1.2358-0.2359i	-0.0491+0.0211i	1.8007-0.9894i	-0.4921-0.2891i	-0.0157-0.0007i	0.4566+0.3111i	0.0265-0.0606i
8.5	2.7760-1.1151i	1.3316-0.2957i	-0.0543+0.0120i	2.0631-1.1494i	-0.5494-0.1786i	-0.0084+0.0126i	0.5122+0.2048i	0.0121-0.0547i
8.6	3.1918-1.4579i	1.4835-0.3939i	-0.0612+0.0175i	2.4752-1.4914i	-0.6152-0.1198i	0.0371+0.0158i	0.5874+0.1481i	-0.0438-0.0608i
8.7	3.5144-1.9122i	1.5758-0.5265i	-0.0646+0.0207i	2.7415-1.9295i	-0.6896-0.0150i	0.0278-0.0004i	0.6462+0.0702i	-0.0212-0.0363i
8.8	4.0163-2.6840i	1.7395-0.7573i	-0.0827+0.0291i	3.2074-2.6907i	-0.7500+0.1652i	0.0582-0.0370i	0.6973-0.0724i	-0.0595+0.0111i
8.9	4.0652-3.6958i	1.7513-1.0439i	-0.0659+0.0575i	3.1603-3.6819i	-0.6338+0.3684i	-0.0734-0.1229i	0.7208-0.2080i	0.0896+0.0952i
9.0	4.2581-5.4079i	1.8286-1.5193i	-0.0509+0.0252i	3.2744-5.2507i	-0.6300+0.4679i	-0.1447+0.0989i	0.8245-0.5089i	0.1622-0.1531i
9.1	2.5510-5.8170i	1.3271-1.6451i	-0.1066+0.0071i	1.4400-5.5844i	-0.4893+0.5305i	0.1511+0.1386i	0.4082-0.6856i	-0.1477-0.1727i
9.2	3.7978-7.7464i	1.7314-2.1510i	-0.1320+0.0904i	2.6208-7.1719i	-0.6650+0.7705i	0.1036-0.0694i	0.5966-0.7031i	-0.0994+0.0153i
9.3	0.0372-10.7848i	0.7097-3.0634i	-0.0966+0.1492i	-0.8839-9.9228i	-0.2402+1.2104i	0.0506-0.0808i	0.2364-1.1426i	-0.0698+0.0207i
9.4	-4.3250-9.3650i	-0.5281-2.7006i	-0.0308+0.1580i	-4.8780-8.4958i	0.3021+1.1146i	0.0001-0.0821i	-0.2668-1.0677i	-0.0301+0.0320i
9.5	-5.9023-6.3809i	-1.0002-1.8573i	0.0100+0.1266i	-6.2223-5.6918i	0.5639+0.7869i	-0.0209-0.0189i	-0.5294-0.7495i	-0.0102-0.0122i
9.6	-5.7531-4.1334i	-0.9737-1.2118i	0.0207+0.1014i	-6.0400-3.5798i	0.5855+0.5070i	0.0039-0.0026i	-0.5568-0.4734i	-0.0329-0.0194i
9.7	-5.1560-2.9205i	-0.8100-0.8517i	0.0261+0.0781i	-5.4818-2.4456i	0.5624+0.3477i	0.0200-0.0145i	-0.5317-0.3281i	-0.0356+0.0008i
9.8	-4.6576-2.1495i	-0.6547-0.6324i	0.0238+0.0677i	-4.9781-1.6982i	0.5051+0.2332i	0.0148-0.0356i	-0.4730-0.2120i	-0.0365+0.0183i
9.9	-4.1754-1.6406i	-0.4997-0.4821i	0.0330+0.0516i	-4.4870-1.2610i	0.4531+0.1601i	0.0112-0.0303i	-0.4219-0.1340i	-0.0305+0.0184i
10.0	-3.7860-1.2771i	-0.3876-0.3631i	0.0324+0.0461i	-4.1089-1.0091i	0.4010+0.1012i	-0.0082-0.0322i	-0.3764-0.0913i	-0.0246+0.0077i
10.1	-3.4407-1.0536i	-0.2754-0.2855i	0.0331+0.0388i	-3.8051-0.7685i	0.3808+0.0724i	-0.0046-0.0274i	-0.3379-0.0690i	-0.0096+0.0071i
10.2	-3.1594-0.9308i	-0.1786-0.2445i	0.0232+0.0324i	-3.5172-0.6903i	0.3574+0.0413i	0.0161-0.0324i	-0.3118-0.0421i	-0.0190+0.0102i
10.3	-2.9765-0.8834i	-0.1102-0.2393i	0.0109+0.0214i	-3.3629-0.6295i	0.3321+0.0338i	0.0009-0.0425i	-0.2947-0.0476i	-0.0125+0.0354i
10.4	-2.8757-0.8143i	-0.0556-0.2078i	0.0118+0.0186i	-3.2899-0.5876i	0.3127+0.0148i	-0.0202-0.0339i	-0.2904-0.0358i	0.0090+0.0254i
10.5	-2.7944-0.7170i	0.0024-0.1798i	0.0183+0.0112i	-3.2478-0.4917i	0.2944+0.0057i	-0.0079-0.0111i	-0.2848-0.0180i	0.0023+0.0023i
10.6	-2.6772-0.6560i	0.0463-0.1535i	0.0151+0.0168i	-3.1664-0.4511i	0.2844+0.0095i	0.0001-0.0106i	-0.2779-0.0211i	-0.0121-0.0059i
10.7	-2.5899-0.6303i	0.1033-0.1352i	0.0122+0.0121i	-3.1190-0.4375i	0.2605-0.0007i	0.0102-0.0215i	-0.2578+0.0038i	-0.0130+0.0039i
10.8	-2.5304-0.5978i	0.1486-0.1277i	0.0108+0.0043i	-3.0710-0.4235i	0.2539+0.0032i	0.0031-0.0236i	-0.2414+0.0132i	-0.0115+0.0139i
10.9	-2.5041-0.5265i	0.1779-0.1115i	0.0089-0.0004i	-3.0554-0.3381i	0.2608+0.0036i	-0.0055-0.0295i	-0.2570+0.0080i	0.0010+0.0119i
11.0	-2.4487-0.4358i	0.2226-0.0993i	0.0067-0.0134i	-3.0869-0.2510i	0.2633-0.0044i	-0.0020-0.0189i	-0.2642+0.0293i	0.0013+0.0127i
11.1	-2.3815-0.4014i	0.2625-0.0880i	0.0038-0.0187i	-3.0622-0.2603i	0.2674+0.0012i	-0.0137-0.0184i	-0.2599+0.0365i	0.0084+0.0076i
11.2	-2.3420-0.4026i	0.3056-0.1022i	-0.0043-0.0332i	-3.0794-0.2057i	0.2734-0.0031i	-0.0135-0.0182i	-0.2563+0.0230i	0.0124+0.0107i
11.3	-2.3390-0.4053i	0.3455-0.1069i	-0.0180-0.0422i	-3.0791-0.1990i	0.2607-0.0114i	-0.0150-0.0087i	-0.2740+0.0198i	0.0141+0.0014i
11.4	-2.3589-0.3783i	0.3908-0.0960i	-0.0321-0.0565i	-3.1700-0.1511i	0.2723+0.0183i	-0.0109-0.0015i	-0.2700+0.0397i	0.0120+0.0032i
11.5	-2.3565-0.3465i	0.4382-0.0838i	-0.0656-0.0455i	-3.2283-0.1256i	0.3079+0.0170i	-0.0028-0.0023i	-0.2629+0.0361i	0.0049-0.0092i
11.6	-2.3725-0.2877i	0.4849-0.0871i	-0.0781-0.0253i	-3.3333-0.0669i	0.3508-0.0031i	0.0088-0.0072i	-0.2722+0.0357i	-0.0007-0.0033i
11.7	-2.3513-0.2668i	0.5292-0.0935i	-0.0854-0.0252i	-3.3556-0.0421i	0.3600-0.0207i	0.0137-0.0109i	-0.2847+0.0445i	-0.0005-0.0025i
11.8	-2.3590-0.2329i	0.5931-0.1062i	-0.0811-0.0257i	-3.4767+0.0141i	0.3870-0.0389i	0.0143-0.0103i	-0.3098+0.0447i	0.0012-0.0003i
11.9	-2.3679-0.2485i	0.6515-0.1072i	-0.0799-0.0216i	-3.6143+0.0074i	0.4058-0.0503i	0.0123-0.0132i	-0.3359+0.0377i	0.0026+0.0020i

12.0	-2.4671-0.1815i	0.7195-0.1446i	-0.1032-0.0274i	-3.8011+0.1656i	0.4566-0.1040i	0.0204-0.0224i	-0.3742+0.0666i	0.0034-0.0082i
12.1	-2.5139-0.2063i	0.7915-0.1565i	-0.1002-0.0334i	-3.9786+0.1534i	0.4884-0.1246i	0.0353-0.0225i	-0.3967+0.0673i	-0.0018+0.0053i
12.2	-2.6406-0.2352i	0.8828-0.1765i	-0.1218-0.0558i	-4.3463+0.1785i	0.5339-0.1539i	0.0521-0.0251i	-0.4421+0.0745i	-0.0004+0.0064i
12.3	-2.8021-0.1801i	0.9870-0.2329i	-0.1388-0.0909i	-4.7111+0.3950i	0.5850-0.2151i	0.0565-0.0391i	-0.4866+0.0969i	-0.0153+0.0145i
12.4	-3.0140-0.2018i	1.0790-0.2920i	-0.2039-0.1283i	-5.1028+0.5219i	0.6138-0.2779i	0.0715-0.0782i	-0.5580+0.1311i	-0.0203+0.0358i
12.5	-3.3344-0.0368i	1.2012-0.4280i	-0.3056-0.1651i	-5.6477+0.9653i	0.6632-0.3825i	0.0815-0.1061i	-0.6412+0.2270i	-0.0174+0.0620i
12.6	-3.7613+0.0741i	1.3303-0.5473i	-0.4569-0.2127i	-6.3348+1.2870i	0.7030-0.5154i	0.0701-0.1674i	-0.7513+0.3448i	0.0014+0.0957i
12.7	-4.3467+0.4768i	1.4744-0.7317i	-0.7076-0.2335i	-7.1427+2.1110i	0.7104-0.6772i	0.0337-0.2077i	-0.8261+0.5610i	0.0388+0.0861i
12.8	-4.8704+1.1449i	1.6125-0.9721i	-1.0479-0.1676i	-7.8696+3.2977i	0.7346-0.8608i	0.0248-0.2383i	-0.8397+0.8104i	0.0515+0.0876i
12.9	-5.0089+2.9609i	1.5646-1.5245i	-1.7354+0.4002i	-7.8264+6.1085i	0.5781-1.2089i	-0.0692-0.3575i	-0.7337+1.2200i	0.1103+0.1358i
13.0	-4.0813+5.4147i	1.2933-2.2385i	-2.2911+1.8654i	-6.5820+9.6712i	0.1598-1.5875i	-0.2854-0.4914i	-0.3438+1.6593i	0.2365+0.1940i
13.1	-0.9904+6.4212i	0.4277-2.5529i	-0.9735+3.7761i	-2.2561+11.4306i	-0.5449-1.4647i	-0.6221-0.3705i	0.4128+1.7034i	0.3947+0.0871i
13.2	1.5535+4.6830i	-0.2792-2.1197i	1.5286+3.9620i	1.4431+9.3063i	-0.9235-0.8544i	-0.8284-0.0327i	0.9668+1.1454i	0.5119-0.0800i
13.3	2.2421+2.8681i	-0.4987-1.7290i	3.2732+2.8223i	2.5519+7.1332i	-0.8325-0.3978i	-0.8534+0.3114i	1.0100+0.6314i	0.5567-0.2910i
13.4	2.2117+1.4767i	-0.5611-1.4600i	4.0771+1.2508i	2.8267+5.6862i	-0.6130-0.1970i	-0.7107+0.7306i	0.8675+0.3935i	0.4537-0.6631i
13.5	1.8169+0.4408i	-0.6209-1.3773i	4.2504-0.3450i	3.0697+4.8702i	-0.4686-0.0674i	-0.3314+0.9486i	0.9401+0.2182i	0.0957-0.8005i
13.6	0.9070-0.3267i	-0.6574-1.2858i	3.4842-1.9372i	2.8621+4.0894i	-0.2462-0.1270i	0.0675+0.9487i	0.7943-0.0299i	-0.2143-0.7477i
13.7	0.0324-0.5023i	-0.8340-1.1427i	2.1791-2.8325i	3.0385+3.3880i	-0.1881-0.2605i	0.3991+0.7708i	0.5950-0.1920i	-0.4615-0.5656i
13.8	-0.4957-0.2330i	-0.9765-0.9228i	0.9993-2.9214i	3.1544+2.7163i	-0.2513-0.3307i	0.5180+0.5153i	0.3858-0.2432i	-0.5136-0.3421i
13.9	-0.7975+0.1625i	-1.0158-0.6382i	0.1016-2.5264i	2.9938+1.9746i	-0.3265-0.3114i	0.5609+0.3399i	0.2524-0.1657i	-0.5118-0.2238i
14.0	-0.8284+0.4205i	-0.9192-0.3944i	-0.3072-2.1204i	2.6511+1.4006i	-0.3525-0.2664i	0.5870+0.1670i	0.2111-0.1300i	-0.5386-0.0807i
14.1	-0.7656+0.6087i	-0.7771-0.1940i	-0.6212-1.7087i	2.2280+0.9517i	-0.3854-0.2061i	0.5066+0.0060i	0.1517-0.1166i	-0.4518+0.0536i
14.2	-0.6658+0.6640i	-0.6252-0.1337i	-0.7442-1.3999i	1.8532+0.7935i	-0.3724-0.1558i	0.4323-0.0622i	0.1160-0.0893i	-0.3826+0.1036i
14.3	-0.6423+0.6439i	-0.4823-0.0303i	-0.8517-1.1359i	1.4379+0.5204i	-0.3390-0.1043i	0.3732-0.1204i	0.0641-0.0669i	-0.3185+0.1443i
14.4	-0.5918+0.6412i	-0.3783-0.0245i	-0.8396-0.9244i	1.1972+0.5101i	-0.3142-0.0842i	0.3218-0.1352i	0.0514-0.0371i	-0.2736+0.1471i
14.5	-0.5560+0.5737i	-0.2780+0.0026i	-0.8512-0.7535i	0.9308+0.4057i	-0.2914-0.0522i	0.2783-0.1465i	0.0286-0.0288i	-0.2332+0.1424i
14.6	-0.6360+0.5590i	-0.2092-0.0229i	-0.8063-0.6148i	0.7276+0.4455i	-0.2787-0.0331i	0.2516-0.1677i	0.0183-0.0184i	-0.2182+0.1576i
14.7	-0.6417+0.5844i	-0.1471+0.0370i	-0.8039-0.5513i	0.5123+0.3156i	-0.2402-0.0072i	0.2356-0.1928i	-0.0083-0.0148i	-0.2034+0.1894i
14.8	-0.5725+0.6777i	-0.0680+0.0139i	-0.7753-0.4410i	0.4015+0.4709i	-0.2103-0.0151i	0.1910-0.2227i	-0.0161+0.0376i	-0.1693+0.2192i
14.9	-0.4499+0.6873i	-0.0010+0.0064i	-0.7833-0.4056i	0.3284+0.4958i	-0.1681-0.0035i	0.1378-0.2235i	-0.0392+0.0628i	-0.1126+0.2070i
15.0	-0.3722+0.6285i	0.0574-0.0108i	-0.8143-0.2939i	0.2171+0.4500i	-0.1431+0.0121i	0.0896-0.2039i	-0.0358+0.0711i	-0.0645+0.1891i
15.1	-0.2544+0.4931i	0.1109-0.0145i	-0.7539-0.2824i	0.1527+0.3971i	-0.1051+0.0111i	0.0525-0.1759i	-0.0392+0.0654i	-0.0306+0.1661i
15.2	-0.2838+0.3426i	0.1459-0.0340i	-0.7662-0.2348i	0.0158+0.3227i	-0.0663-0.0351i	0.0603-0.1440i	-0.0603+0.0839i	-0.0285+0.1252i
15.3	-0.3526+0.1948i	0.2236-0.0327i	-0.7682-0.1935i	-0.2411+0.2295i	-0.0216-0.0388i	0.0834-0.1158i	-0.0917+0.0859i	-0.0421+0.0918i
15.4	-0.3939+0.1683i	0.2178-0.0743i	-0.7564-0.1575i	-0.2993+0.3270i	-0.0281-0.0853i	0.1078-0.1182i	-0.0737+0.0950i	-0.0763+0.0980i
15.5	-0.4674+0.1072i	0.2482-0.0725i	-0.7551-0.1070i	-0.4200+0.3422i	0.0011-0.1367i	0.1239-0.1331i	-0.1113+0.1208i	-0.0877+0.1067i
15.6	-0.5217+0.0711i	0.2909-0.0668i	-0.7654-0.1038i	-0.5443+0.3165i	-0.0179-0.1771i	0.1255-0.1416i	-0.1396+0.1452i	-0.0834+0.1062i
15.7	-0.6141+0.0617i	0.3392-0.1093i	-0.7888-0.0465i	-0.7282+0.4440i	-0.0440-0.2005i	0.1345-0.1785i	-0.1306+0.1672i	-0.1023+0.1356i
15.8	-0.6776+0.0342i	0.3737-0.1247i	-0.8028-0.0107i	-0.8779+0.5225i	-0.0279-0.2813i	0.1548-0.2109i	-0.1664+0.2261i	-0.1241+0.1509i
15.9	-0.7360+0.0147i	0.4143-0.1145i	-0.8066+0.0269i	-1.0644+0.5713i	-0.0372-0.3562i	0.1635-0.2398i	-0.2153+0.3017i	-0.1159+0.1656i
16.0	-0.8033-0.0273i	0.4786-0.1089i	-0.8174+0.0448i	-1.3040+0.6420i	-0.0319-0.3905i	0.1717-0.2647i	-0.2643+0.3570i	-0.1211+0.1790i
16.1	-0.9147-0.0352i	0.5225-0.1308i	-0.8428+0.1022i	-1.4465+0.7924i	-0.1331-0.4452i	0.1597-0.3266i	-0.2439+0.4467i	-0.1244+0.2159i
16.2	-1.0111+0.0086i	0.6035-0.1475i	-0.8589+0.1557i	-1.6039+0.9047i	-0.2966-0.4724i	0.1296-0.3519i	-0.2027+0.5824i	-0.1029+0.2209i
16.3	-1.0612+0.0510i	0.6695-0.1799i	-0.8421+0.1786i	-1.7689+1.0598i	-0.3648-0.3841i	0.1184-0.4017i	-0.1579+0.6383i	-0.1065+0.2651i
16.4	-1.2026+0.1116i	0.8003-0.2596i	-0.8979+0.2344i	-2.1002+1.3545i	-0.4732-0.2865i	0.0705-0.4788i	-0.0388+0.7354i	-0.0850+0.3293i
16.5	-1.2756+0.1080i	0.8889-0.3456i	-0.9365+0.2667i	-2.4089+1.7056i	-0.4127-0.2577i	-0.0014-0.5497i	-0.0171+0.8481i	-0.0154+0.3959i
16.6	-1.3528+0.0491i	0.8759-0.4021i	-0.9515+0.2378i	-2.3833+2.0006i	-0.3503-0.3928i	-0.0582-0.5609i	0.0406+1.0204i	0.0369+0.3841i
16.7	-1.5972+0.1941i	0.9867-0.4464i	-1.0800+0.2921i	-2.5624+2.4546i	-0.6705-0.5305i	-0.2567-0.6789i	0.4254+1.1978i	0.1908+0.4567i
16.8	-1.5974+0.3537i	1.1420-0.4975i	-1.1965+0.3611i	-2.7782+2.6943i	-0.8841-0.0976i	-0.2989-0.4751i	0.7609+0.9769i	0.1767+0.2790i
16.9	-1.5450+0.2664i	1.1824-0.5603i	-1.2324+0.4565i	-2.8844+2.9102i	-0.7648-0.0642i	-0.2560-0.5909i	0.3820+0.6411i	0.1992+0.4335i
17.0	-1.5979+0.6087i	1.3487-0.9137i	-1.3330+0.7779i	-3.0949+4.2304i	-0.4041+0.3776i	-0.2435-0.6079i	0.5258+0.7890i	0.1597+0.4534i
17.1	-1.8237+0.6116i	1.3544-1.4349i	-1.3168+1.0789i	-2.4936+6.4088i	-0.3949-0.4600i	-1.0390-1.0267i	1.1472+1.6354i	0.9042+0.6749i
17.2	-2.0666+1.0854i	1.2320-1.7276i	-1.2548+1.4650i	-0.9805+6.9755i	-1.1551+0.3543i	-1.2702+0.2247i	1.6164+0.0633i	1.0097-0.4454i
17.3	-1.8735+1.6106i	0.9865-2.4005i	-0.9135+1.8717i	0.4354+8.6213i	-0.0459+0.5178i	-0.5968+0.3036i	0.8848+0.3766i	0.3327-0.6102i
17.4	-1.6204+1.9964i	0.1585-2.8299i	-0.4181+2.1343i	4.0514+8.9510i	-0.1631-0.1072i	-0.4473+0.1446i	1.9892+0.6889i	-0.1188-0.4743i
17.5	-1.5633+2.2417i	-0.4965-2.7102i	-0.0712+2.1817i	6.4578+7.1199i	-0.8738-0.3397i	-0.7977+0.0703i	2.6326-0.5977i	0.0718-0.0765i
17.6	-1.1016+2.7381i	-0.9781-2.4085i	0.3844+2.1390i	7.1267+4.5710i	-1.1361+0.5222i	-0.6958+0.5463i	1.4835-1.6006i	0.1005-0.3138i
17.7	-0.2366+2.7273i	-1.3365-1.9388i	0.7704+1.7977i	6.7708+2.5093i	-0.5549+0.8967i	-0.3098+0.5157i	0.6882-1.4028i	-0.1522-0.1844i
17.8	0.3361+2.4990i	-1.5769-1.6268i	1.0588+1.6025i	6.6058+1.2638i	-0.2116+0.8829i	-0.2779+0.4466i	0.3638-1.2807i	-0.0926+0.0016i
17.9	0.5526+2.0760i	-1.5833-1.3381i	1.1431+1.3718i	5.9863+0.5521i	0.0007+0.7809i	-0.2501+0.4732i	0.1851-1.0444i	0.0134-0.0188i
18.0	0.6070+1.7023i	-1.5773-1.0564i	1.1854+1.1431i	5.3588-0.0348i	0.0688+0.5765i	-0.1966+0.4687i	0.0592-0.8620i	0.0455-0.0328i
18.1	0.5219+1.4584i	-1.5278-0.8534i	1.1653+0.9903i	4.8742-0.2867i	0.0476+0.4681i	-0.1636+0.4351i	0.0538-0.6731i	0.0605-0.0447i
18.2	0.4695+1.2785i	-1.4528-0.6136i	1.1403+0.7899i	4.4053-0.6915i	0.0303+0.4042i	-0.1245+0.4306i	0.0672-0.5879i	0.0714-0.0747i

18.3	0.4464+1.1525i	-1.3508-0.4383i	1.0964+0.6679i	3.9688-0.9305i	0.0485+0.3459i	-0.0639+0.4174i	0.0627-0.5316i	0.0348-0.0791i
18.4	0.4639+1.0648i	-1.2697-0.3049i	1.1008+0.5714i	3.6509-1.2872i	0.0119+0.3658i	-0.0150+0.4306i	0.0791-0.5241i	0.0147-0.0798i
18.5	0.4780+0.8744i	-1.0903-0.2047i	1.0276+0.4813i	2.9380-1.5341i	0.0699+0.3406i	0.0310+0.3819i	0.0147-0.4781i	0.0246-0.0228i
18.6	0.3099+0.4867i	-0.9190-0.2541i	0.9672+0.4022i	1.8174-0.9998i	0.1864+0.1915i	0.1105+0.3281i	-0.0000-0.3913i	0.0813-0.0229i
18.7	-0.1522+0.6180i	-1.0274-0.2933i	0.9479+0.3405i	2.4323-0.1013i	-0.0171+0.0831i	0.0874+0.2258i	0.0224-0.3700i	0.0787-0.0884i
18.8	-0.1146+0.8342i	-0.9945-0.1276i	0.8961+0.2807i	2.6661-0.5724i	-0.0330+0.2130i	0.0767+0.2526i	0.0331-0.2975i	0.0175-0.1297i
18.9	-0.0855+0.8721i	-0.9396-0.0571i	0.8809+0.2561i	2.6435-0.8028i	-0.0452+0.2126i	0.0753+0.2281i	0.0566-0.3109i	-0.0112-0.0971i
19.0	-0.0756+0.8826i	-0.8850+0.0164i	0.8641+0.1875i	2.5099-1.0152i	-0.0399+0.2318i	0.0744+0.2070i	0.0559-0.3299i	-0.0101-0.0767i
19.1	-0.1058+0.9150i	-0.8058+0.0542i	0.8171+0.1841i	2.3773-1.1796i	-0.0345+0.2679i	0.0684+0.1952i	0.0473-0.3432i	-0.0038-0.0555i
19.2	-0.0678+0.9710i	-0.7410+0.1137i	0.8075+0.1385i	2.1640-1.3684i	0.0093+0.2673i	0.0873+0.1806i	0.0255-0.3484i	-0.0212-0.0460i
19.3	-0.0114+1.0473i	-0.6814+0.1746i	0.7767+0.0978i	2.0032-1.5773i	0.0330+0.2733i	0.1044+0.1525i	0.0074-0.3629i	-0.0327-0.0225i
19.4	0.1026+1.0755i	-0.5967+0.2327i	0.7703+0.0570i	1.6650-1.7463i	0.0924+0.2871i	0.1115+0.1207i	-0.0143-0.3632i	-0.0258+0.0046i
19.5	0.2060+1.0569i	-0.5271+0.2392i	0.7803+0.0420i	1.4104-1.7797i	0.1283+0.2727i	0.1033+0.1127i	-0.0365-0.3250i	0.0007+0.0005i
19.6	0.2597+0.9935i	-0.4736+0.2148i	0.7660+0.0184i	1.2494-1.7150i	0.1491+0.2492i	0.0845+0.1144i	-0.0360-0.2866i	0.0131-0.0134i
19.7	0.2596+0.9503i	-0.4307+0.1997i	0.7844+0.0130i	1.1251-1.7389i	0.1767+0.2256i	0.0648+0.1066i	-0.0227-0.2896i	0.0453-0.0061i
19.8	0.2734+0.9180i	-0.3803+0.2245i	0.7412-0.0364i	0.9072-1.7966i	0.2108+0.1882i	0.0717+0.1103i	-0.0238-0.3093i	0.0414-0.0224i
19.9	0.2918+0.8844i	-0.3119+0.2242i	0.7021-0.0590i	0.6047-1.7297i	0.1883+0.1484i	0.0685+0.1205i	-0.0668-0.3133i	0.0486-0.0483i
20.0	0.3350+0.8356i	-0.2393+0.2069i	0.6815-0.0783i	0.2529-1.5995i	0.1840+0.1034i	0.0582+0.1130i	-0.0931-0.3101i	0.0635-0.0555i
20.1	0.3543+0.8104i	-0.2084+0.1841i	0.6683-0.0713i	0.1309-1.4472i	0.1902+0.0590i	0.0812+0.1087i	-0.1301-0.3124i	0.0322-0.0651i
20.2	0.4038+0.7446i	-0.1695+0.1644i	0.6542-0.0888i	0.0383-1.2789i	0.1892+0.0537i	0.1102+0.0868i	-0.1488-0.2468i	-0.0100-0.0523i
20.3	0.4260+0.6850i	-0.1281+0.1273i	0.6553-0.0778i	-0.0732-1.1217i	0.1762+0.0410i	0.1154+0.0757i	-0.1533-0.2191i	-0.0108-0.0367i
20.4	0.4110+0.6283i	-0.1054+0.1050i	0.6552-0.0980i	-0.1509-1.0406i	0.1512+0.0345i	0.1030+0.0721i	-0.1350-0.1900i	-0.0158-0.0477i
20.5	0.3964+0.5863i	-0.1032+0.0868i	0.6889-0.1102i	-0.2255-0.9770i	0.1440-0.0052i	0.0883+0.0588i	-0.1301-0.1942i	0.0071-0.0467i
20.6	0.3485+0.5484i	-0.0892+0.0594i	0.6963-0.1172i	-0.2536-0.8329i	0.1481-0.0276i	0.0783+0.0480i	-0.1355-0.1801i	0.0197-0.0426i
20.7	0.3482+0.5113i	-0.0606+0.0396i	0.7191-0.1544i	-0.3074-0.6730i	0.1217-0.0318i	0.0826+0.0497i	-0.1288-0.1614i	0.0115-0.0599i
20.8	0.3229+0.5151i	-0.0553+0.0215i	0.7351-0.1631i	-0.2732-0.5999i	0.0977-0.0384i	0.0870+0.0469i	-0.1276-0.1436i	-0.0033-0.0582i
20.9	0.3202+0.5112i	-0.0486+0.0047i	0.7792-0.2389i	-0.3331-0.5045i	0.0754-0.0449i	0.0834+0.0500i	-0.1289-0.1398i	-0.0186-0.0746i
21.0	0.3396+0.5131i	-0.0412-0.0037i	0.8287-0.3130i	-0.3794-0.3957i	0.0624-0.0384i	0.0982+0.0573i	-0.1299-0.1281i	-0.0440-0.0804i
21.1	0.3343+0.4894i	-0.0335-0.0171i	0.7883-0.3410i	-0.4101-0.3275i	0.0356-0.0435i	0.1047+0.0391i	-0.1223-0.1326i	-0.0539-0.0553i
21.2	0.2923+0.4866i	-0.0461-0.0423i	0.8306-0.3893i	-0.3612-0.1738i	0.0323-0.0407i	0.0944+0.0357i	-0.1518-0.1043i	-0.0545-0.0663i
21.3	0.2629+0.4642i	-0.0361-0.0458i	0.8478-0.4821i	-0.3284-0.1055i	0.0143-0.0576i	0.1120+0.0172i	-0.1718-0.0937i	-0.0755-0.0305i
21.4	0.2976+0.4756i	-0.0458-0.0390i	0.7816-0.6196i	-0.2503+0.0243i	0.0200-0.0513i	0.1302+0.0051i	-0.1609-0.0575i	-0.1049-0.0143i
21.5	0.3867+0.4931i	-0.0425-0.0484i	0.8247-0.8126i	-0.2253+0.0957i	0.0034-0.0292i	0.1244-0.0166i	-0.1405-0.0358i	-0.1015+0.0180i
21.6	0.3936+0.4630i	-0.0346-0.0693i	0.6969-0.9371i	-0.1222+0.1359i	-0.0170-0.0183i	0.0932-0.0326i	-0.1317-0.0185i	-0.0616+0.0301i
21.7	0.4085+0.4354i	-0.0437-0.0675i	0.4808-1.0849i	-0.0334+0.2008i	-0.0178-0.0227i	0.0745-0.0390i	-0.1066-0.0173i	-0.0530+0.0277i
21.8	0.4265+0.4123i	-0.0500-0.0741i	0.3156-1.1146i	-0.0032+0.1975i	-0.0097-0.0155i	0.0647-0.0474i	-0.0859-0.0090i	-0.0301+0.0368i
21.9	0.4279+0.3591i	-0.0577-0.0731i	0.1432-1.0692i	0.0176+0.1969i	-0.0083+0.0095i	0.0432-0.0385i	-0.0769-0.0043i	-0.0074+0.0347i
22.0	0.4302+0.3320i	-0.0591-0.0706i	-0.0647-1.0645i	0.1030+0.2036i	-0.0037-0.0032i	0.0360-0.0293i	-0.0893-0.0165i	-0.0211+0.0062i
22.1	0.3932+0.2769i	-0.0775-0.0692i	-0.2389-0.9414i	0.1095+0.1853i	0.0004-0.0054i	0.0340-0.0264i	-0.0967-0.0198i	-0.0194+0.0088i
22.2	0.4382+0.2512i	-0.0811-0.0740i	-0.3118-0.8549i	0.1894+0.1035i	-0.0123+0.0065i	0.0126-0.0262i	-0.0653-0.0036i	0.0034+0.0216i
22.3	0.4110+0.2333i	-0.0712-0.0538i	-0.3253-0.7112i	0.2144+0.0798i	-0.0223+0.0072i	0.0297-0.0259i	-0.0675+0.0197i	-0.0210+0.0258i
22.4	0.3973+0.2040i	-0.0488-0.0437i	-0.3047-0.5925i	0.2203+0.0647i	-0.0194+0.0099i	0.0246-0.0219i	-0.0520+0.0073i	-0.0061+0.0282i
22.5	0.4029+0.1539i	-0.0536-0.0520i	-0.3208-0.4877i	0.2020+0.0102i	-0.0210+0.0285i	0.0135+0.0056i	-0.0348-0.0193i	-0.0011-0.0068i
22.6	0.3964+0.1522i	-0.0580-0.0454i	-0.3688-0.4719i	0.1684-0.0113i	-0.0201+0.0220i	0.0149-0.0138i	-0.0477-0.0171i	-0.0047+0.0235i
22.7	0.3892+0.1228i	-0.0501-0.0421i	-0.3315-0.4326i	0.1882+0.0186i	-0.0225+0.0121i	0.0063-0.0208i	-0.0481-0.0045i	0.0095+0.0363i
22.8	0.3598+0.1084i	-0.0524-0.0449i	-0.2378-0.3755i	0.1649+0.0591i	-0.0049+0.0170i	0.0211-0.0150i	-0.0574-0.0187i	0.0001+0.0166i
22.9	0.3389+0.0771i	-0.0358-0.0463i	-0.2280-0.3280i	0.1910-0.0010i	-0.0069+0.0044i	0.0211-0.0099i	-0.0697-0.0244i	-0.0165+0.0231i
23.0	0.2899+0.0513i	-0.0310-0.0394i	-0.2758-0.3506i	0.1395-0.0009i	0.0028+0.0162i	0.0345-0.0230i	-0.0523-0.0281i	-0.0243+0.0459i
23.1	0.2949+0.0434i	-0.0278-0.0413i	-0.3325-0.3414i	0.1493-0.0320i	-0.0107+0.0074i	0.0200-0.0256i	-0.0294-0.0063i	-0.0160+0.0493i
23.2	0.2740+0.0390i	-0.0179-0.0390i	-0.2930-0.3424i	0.1435-0.0080i	-0.0064+0.0210i	0.0021-0.0041i	-0.0224+0.0273i	-0.0007+0.0228i
23.3	0.2379+0.0115i	-0.0089-0.0430i	-0.2623-0.3588i	0.0981+0.0546i	0.0043+0.0164i	0.0152-0.0117i	-0.0304-0.0015i	0.0011+0.0316i
23.4	0.2563+0.0054i	-0.0300-0.0237i	-0.2789-0.2821i	0.1650+0.0125i	-0.0053-0.0035i	0.0045-0.0106i	-0.0370-0.0044i	0.0172+0.0253i
23.5	0.2233+0.0116i	-0.0262-0.0234i	-0.3231-0.2732i	0.1902-0.0336i	0.0026-0.0102i	-0.0006-0.0129i	-0.0372-0.0002i	0.0170+0.0087i
23.6	0.1961+0.0040i	-0.0158-0.0263i	-0.3342-0.2469i	0.1521-0.0403i	-0.0024-0.0033i	0.0011-0.0128i	-0.0376-0.0097i	0.0156+0.0182i
23.7	0.1930+0.0043i	-0.0081-0.0263i	-0.2922-0.2203i	0.1318-0.0131i	-0.0064-0.0033i	0.0022-0.0083i	-0.0337-0.0009i	0.0253+0.0135i
23.8	0.1744+0.0083i	-0.0007-0.0064i	-0.2926-0.1687i	0.1429-0.0646i	-0.0058-0.0101i	0.0101+0.0018i	-0.0143-0.0000i	0.0070+0.0016i
23.9	0.1708-0.0007i	-0.0180+0.0035i	-0.2958-0.1189i	0.1260-0.0488i	-0.0028-0.0190i	0.0076+0.0095i	-0.0170-0.0174i	0.0106-0.0221i
24.0	0.1672-0.0014i	-0.0090+0.0066i	-0.2884-0.1100i	0.1616-0.0324i	0.0059-0.0045i	0.0094+0.0089i	-0.0384-0.0043i	0.0084-0.0160i
24.1	0.1465+0.0054i	0.0222+0.0121i	-0.2546-0.0631i	0.0857-0.0655i	-0.0105-0.0057i	0.0180+0.0011i	-0.0407+0.0106i	-0.0119+0.0075i
24.2	0.1426-0.0077i	0.0252+0.0053i	-0.2594-0.0560i	0.0562-0.0474i	-0.0231+0.0000i	0.0179+0.0061i	-0.0260-0.0066i	-0.0080+0.0078i
24.3	0.1358-0.0049i	0.0367+0.0055i	-0.2573-0.0345i	0.0151-0.0299i	-0.0103-0.0057i	-0.0021-0.0009i	-0.0110-0.0131i	0.0219-0.0016i
24.4	0.1460-0.0246i	0.0357-0.0076i	-0.2666-0.0357i	0.0303+0.0226i	-0.0362+0.0019i	-0.0068+0.0149i	-0.0487-0.0131i	0.0172-0.0113i
24.5	0.1330-0.0139i	0.0502+0.0024i	-0.2400-0.0245i	0.0464-0.0163i	-0.0334+0.0054i	0.0012+0.0036i	-0.0252+0.0106i	0.0088+0.0076i

24.6	0.1311−0.0179i	0.0529+0.0094i	−0.2133−0.0082i	0.0664−0.0123i	−0.0339+0.0000i	0.0001−0.0044i	−0.0206−0.0023i	0.0081+0.0195i
24.7	0.1239−0.0268i	0.0557+0.0097i	−0.1929+0.0082i	0.0495+0.0028i	−0.0343+0.0145i	−0.0045−0.0103i	−0.0263−0.0101i	0.0194+0.0226i
24.8	0.1139−0.0284i	0.0620+0.0085i	−0.1978+0.0123i	0.0620−0.0195i	−0.0137+0.0115i	−0.0010+0.0055i	−0.0246+0.0050i	0.0200−0.0044i
24.9	0.1083−0.0202i	0.0732+0.0037i	−0.1760+0.0024i	0.0693+0.0207i	−0.0158+0.0026i	−0.0033+0.0026i	−0.0177+0.0150i	0.0118+0.0041i
25.0	0.1112−0.0251i	0.0792+0.0001i	−0.1585+0.0123i	0.0283+0.0141i	−0.0169+0.0120i	−0.0085+0.0022i	−0.0210−0.0028i	0.0237−0.0072i
25.1	0.1058−0.0235i	0.0866+0.0151i	−0.1531+0.0160i	0.0520−0.0091i	−0.0248+0.0009i	−0.0055+0.0110i	−0.0317+0.0026i	0.0034−0.0181i
25.2	0.0919−0.0401i	0.0945+0.0169i	−0.1396+0.0225i	0.0650−0.0275i	−0.0164−0.0087i	−0.0026+0.0089i	−0.0354+0.0257i	0.0024+0.0037i
25.3	0.1023−0.0344i	0.1024+0.0139i	−0.1328+0.0352i	0.0327−0.0466i	−0.0293−0.0122i	−0.0057+0.0027i	−0.0175+0.0055i	−0.0028−0.0014i
25.4	0.0989−0.0342i	0.1015+0.0153i	−0.1305+0.0352i	0.0401−0.0430i	−0.0275+0.0084i	0.0063+0.0017i	−0.0176+0.0113i	−0.0207+0.0052i
25.5	0.0972−0.0498i	0.1093+0.0169i	−0.1258+0.0377i	0.0745−0.0197i	−0.0196+0.0110i	0.0008+0.0191i	−0.0396+0.0439i	−0.0024−0.0097i
25.6	0.0791−0.0584i	0.1145+0.0006i	−0.1213+0.0357i	0.0315+0.0266i	−0.0167+0.0202i	−0.0024+0.0178i	−0.0411+0.0313i	−0.0054−0.0017i
25.7	0.0817−0.0752i	0.1237−0.0014i	−0.1161+0.0319i	0.0349+0.0055i	−0.0047+0.0120i	0.0057+0.0210i	−0.0518+0.0413i	−0.0186−0.0074i
25.8	0.0753−0.0699i	0.1306−0.0046i	−0.1094+0.0297i	0.0165+0.0593i	−0.0243+0.0166i	0.0050+0.0250i	−0.0430+0.0431i	−0.0182−0.0079i
25.9	0.0755−0.0714i	0.1347−0.0174i	−0.0966+0.0375i	0.0049+0.0881i	−0.0221+0.0251i	0.0088+0.0165i	−0.0379+0.0125i	−0.0194−0.0108i
26.0	0.0682−0.0757i	0.1458−0.0177i	−0.0874+0.0344i	0.0285+0.1307i	−0.0112+0.0063i	0.0029+0.0077i	−0.0530+0.0253i	−0.0093−0.0047i
26.1	0.0762−0.0712i	0.1517−0.0112i	−0.0758+0.0415i	0.0319+0.0584i	−0.0129+0.0071i	−0.0020+0.0107i	−0.0365+0.0432i	−0.0155+0.0239i
26.2	0.0561−0.0810i	0.1550−0.0129i	−0.0823+0.0455i	0.0031+0.0838i	0.0144+0.0165i	0.0056+0.0227i	−0.0121+0.0307i	0.0073+0.0222i
26.3	0.0423−0.0949i	0.1592−0.0145i	−0.0867+0.0559i	0.0375+0.0235i	−0.0191+0.0269i	0.0180+0.0201i	−0.0083+0.0592i	−0.0258+0.0194i
26.4	0.0583−0.1119i	0.1622−0.0117i	−0.0918+0.0406i	0.0214+0.0020i	−0.0195+0.0280i	0.0174+0.0127i	−0.0026+0.0604i	−0.0366+0.0103i
26.5	0.0496−0.1245i	0.1788−0.0072i	−0.0698+0.0532i	0.0113+0.0416i	0.0046+0.0232i	0.0052+0.0187i	−0.0076+0.0531i	−0.0232+0.0067i
26.6	0.0363−0.1424i	0.1856−0.0122i	−0.0707+0.0609i	−0.0149+0.0487i	0.0128+0.0233i	0.0151+0.0141i	0.0142+0.0574i	−0.0068+0.0184i
26.7	0.0354−0.1236i	0.1853−0.0066i	−0.0688+0.0571i	−0.0072+0.0325i	0.0178+0.0117i	0.0155+0.0081i	0.0135+0.0338i	−0.0005+0.0140i
26.8	0.0339−0.1287i	0.1963−0.0062i	−0.0579+0.0616i	−0.0279+0.0141i	0.0092+0.0039i	0.0103+0.0043i	−0.0100+0.0302i	0.0107−0.0004i
26.9	0.0207−0.1507i	0.2135−0.0114i	−0.0443+0.0561i	−0.0898+0.0644i	0.0063+0.0061i	0.0149+0.0159i	0.0132+0.0329i	−0.0047+0.0019i
27.0	0.0188−0.1626i	0.2137−0.0142i	−0.0395+0.0638i	−0.0840+0.0764i	−0.0001+0.0007i	0.0148+0.0070i	0.0374+0.0226i	−0.0011+0.0339i
27.1	−0.0319−0.1735i	0.2283−0.0122i	−0.0266+0.0639i	−0.1299+0.0871i	0.0029+0.0013i	0.0142+0.0101i	0.0436+0.0329i	−0.0066+0.0257i
27.2	−0.0188−0.1600i	0.2189−0.0109i	−0.0174+0.0576i	−0.0449+0.0333i	−0.0170+0.0116i	0.0099+0.0040i	0.0286+0.0385i	−0.0101+0.0267i
27.3	−0.0086−0.1567i	0.2398−0.0251i	−0.0117+0.0423i	−0.0467+0.0737i	−0.0035−0.0030i	0.0124+0.0117i	0.0292+0.0122i	−0.0084+0.0264i
27.4	−0.0461−0.1826i	0.2502−0.0229i	−0.0088+0.0272i	−0.0710+0.0713i	−0.0059+0.0108i	0.0098+0.0084i	0.0216+0.0267i	0.0085+0.0305i
27.5	−0.0621−0.2091i	0.2473−0.0219i	−0.0053+0.0204i	−0.1052+0.0483i	0.0130+0.0297i	0.0117+0.0121i	0.0173+0.0110i	0.0185+0.0315i
27.6	−0.0932−0.1822i	0.2650−0.0309i	0.0003+0.0131i	−0.1219+0.0919i	−0.0020+0.0054i	0.0028+0.0013i	0.0184+0.0069i	0.0133+0.0261i
27.7	−0.0894−0.1524i	0.2483−0.0237i	−0.0220+0.0074i	−0.0438+0.0469i	−0.0057+0.0080i	0.0128+0.0088i	0.0394+0.0086i	0.0119+0.0282i
27.8	−0.0957−0.1372i	0.2577−0.0283i	−0.0425+0.0163i	−0.0454+0.0400i	0.0041+0.0066i	0.0127+0.0008i	0.0397−0.0214i	0.0264+0.0284i
27.9	−0.1305−0.1118i	0.2737−0.0313i	−0.0636+0.0157i	−0.1000+0.1072i	−0.0083−0.0057i	0.0111+0.0015i	0.0389−0.0114i	0.0224+0.0290i
28.0	−0.1090−0.0992i	0.2828−0.0162i	−0.0699+0.0253i	−0.0679+0.0881i	0.0044+0.0078i	0.0131−0.0017i	0.0489−0.0083i	0.0205+0.0415i
28.1	−0.0913−0.1193i	0.2967−0.0216i	−0.0534+0.0237i	−0.0784+0.1049i	0.0188+0.0074i	0.0142+0.0120i	0.0344+0.0080i	0.0181+0.0413i
28.2	−0.1128−0.1440i	0.3256−0.0183i	−0.1140+0.0175i	−0.1791+0.0982i	0.0226+0.0018i	0.0086+0.0051i	0.0473+0.0078i	0.0170+0.0249i
28.3	−0.1068−0.1400i	0.3132−0.0339i	−0.1272+0.0319i	−0.0994+0.0801i	0.0041+0.0214i	−0.0074+0.0030i	0.0250+0.0172i	0.0308+0.0362i
28.4	−0.1057−0.1142i	0.3236−0.0365i	−0.1074+0.0716i	−0.0596+0.1394i	0.0107+0.0100i	−0.0098+0.0203i	0.0330+0.0406i	0.0283+0.0232i
28.5	−0.0924−0.0907i	0.3208−0.0226i	−0.0705+0.1071i	−0.0491+0.0392i	0.0110−0.0073i	−0.0111+0.0070i	0.0342+0.0118i	0.0411+0.0109i
28.6	−0.1075−0.1067i	0.3405−0.0285i	−0.0786+0.1099i	−0.1029+0.0656i	0.0040−0.0162i	−0.0165+0.0161i	0.0242−0.0032i	0.0266+0.0011i
28.7	−0.1038−0.1121i	0.3527−0.0380i	−0.0730+0.1342i	−0.0801+0.0392i	0.0181−0.0050i	−0.0205+0.0171i	0.0357+0.0082i	0.0271+0.0165i
28.8	−0.1045−0.1036i	0.3478−0.0225i	−0.0660+0.1484i	−0.0997−0.0254i	0.0339+0.0069i	−0.0129+0.0138i	0.0428+0.0052i	0.0268+0.0049i
28.9	−0.0747−0.1176i	0.3876−0.0332i	−0.0270+0.1376i	−0.1367+0.0098i	0.0374−0.0023i	−0.0070+0.0229i	0.0539+0.0137i	0.0067+0.0070i
29.0	−0.0903−0.1368i	0.3933−0.0393i	−0.0195+0.1427i	−0.1392+0.0210i	0.0370−0.0312i	−0.0116+0.0236i	0.0407−0.0071i	0.0280−0.0100i
29.1	−0.1176−0.1360i	0.4096−0.0505i	−0.0449+0.1553i	−0.1653+0.0259i	0.0614−0.0352i	−0.0103+0.0291i	0.0659−0.0095i	0.0482−0.0176i
29.2	−0.1218−0.1394i	0.4432−0.0581i	−0.0237+0.1801i	−0.1874+0.0572i	0.0457−0.0582i	−0.0010+0.0446i	0.0862−0.0198i	0.0085−0.0278i
29.3	−0.1466−0.1267i	0.4379−0.0621i	−0.0236+0.2025i	−0.1746−0.0057i	0.0637−0.0808i	0.0111+0.0381i	0.0829−0.0265i	−0.0030−0.0174i
29.4	−0.1278−0.1155i	0.4578−0.0653i	0.0461+0.1953i	−0.2786+0.0134i	0.0545−0.0813i	−0.0115+0.0492i	0.0648−0.0434i	0.0299−0.0195i
29.5	−0.1206−0.1172i	0.4584−0.0699i	0.1009+0.1523i	−0.2783−0.0020i	0.0432−0.0843i	−0.0078+0.0521i	0.0619−0.0255i	0.0374−0.0226i
29.6	−0.1238−0.1118i	0.4551−0.0698i	0.1203+0.1459i	−0.2541−0.0053i	0.0265−0.0870i	−0.0001+0.0399i	0.0510−0.0297i	0.0148−0.0297i
29.7	−0.1139−0.1055i	0.4780−0.0864i	0.1435+0.1976i	−0.3410−0.0168i	0.0180−0.0671i	−0.0139+0.0362i	0.0661−0.0510i	0.0414+0.0014i
29.8	−0.1504−0.1170i	0.4645−0.0793i	0.0800+0.1617i	−0.2745−0.0336i	−0.0241−0.0861i	0.0097+0.0521i	0.0437−0.0352i	−0.0436+0.0030i
29.9	−0.1128−0.1003i	0.4855−0.0882i	0.1365+0.1124i	−0.3549−0.0607i	0.0398−0.1010i	−0.0009+0.0394i	0.0815−0.0814i	0.0152−0.0422i
30.0	−0.1073−0.1228i	0.5126−0.0970i	0.1784+0.0912i	−0.3994−0.0056i	0.0272−0.1570i	0.0016+0.0600i	0.0283−0.1415i	−0.0037−0.0562i
30.1	−0.1094−0.1381i	0.5322−0.1127i	0.1568+0.0445i	−0.3875+0.0293i	−0.0375−0.1166i	0.0129+0.0622i	−0.0331−0.0844i	−0.0255−0.0141i
30.2	−0.0965−0.1469i	0.5719−0.1301i	0.1808+0.0072i	−0.4461+0.0933i	−0.0284−0.1371i	0.0100+0.0596i	−0.0220−0.0893i	−0.0156+0.0024i
30.3	−0.1072−0.1225i	0.5472−0.1307i	0.2036+0.0092i	−0.3962−0.0018i	−0.0381−0.1209i	0.0170+0.0534i	−0.0326−0.0522i	−0.0280+0.0170i
30.4	−0.1367−0.1270i	0.5558−0.1491i	0.2358+0.0404i	−0.4489−0.0035i	−0.0700−0.1124i	0.0141+0.0612i	−0.0460−0.0236i	−0.0050−0.0007i
30.5	−0.1279−0.1264i	0.5710−0.1470i	0.3028−0.0041i	−0.5073−0.0096i	−0.0916−0.1223i	0.0272+0.0795i	−0.0710−0.0284i	−0.0151+0.0193i
30.6	−0.1499−0.1548i	0.5771−0.1683i	0.2463+0.0349i	−0.4930+0.0279i	−0.1144−0.1332i	0.0434+0.0756i	−0.0828−0.0261i	−0.0068+0.0076i
30.7	−0.1519−0.1635i	0.6138−0.2092i	0.2256−0.0186i	−0.5679+0.0858i	−0.1494−0.1382i	0.0456+0.0819i	−0.0693+0.0027i	−0.0118+0.0403i
30.8	−0.1687−0.1609i	0.5866−0.2494i	0.2388−0.0445i	−0.5234+0.1660i	−0.1481−0.0942i	0.0642+0.0897i	−0.0739+0.0293i	0.0117+0.0415i

30.9	-0.2344-0.1553i	0.5687-0.2319i	0.3325+0.1064i	-0.4908+0.1347i	-0.1638-0.0729i	0.0644+0.0666i	-0.0904+0.0341i	0.0305+0.0374i
31.0	-0.2325-0.1629i	0.5882-0.2414i	0.2925+0.0210i	-0.5905+0.1859i	-0.1465-0.0522i	0.0695+0.0720i	-0.0741+0.0681i	0.0347+0.0454i
31.1	-0.2042-0.1782i	0.6087-0.2625i	0.2084-0.0654i	-0.5933+0.1984i	-0.1388-0.0450i	0.0819+0.0708i	-0.0576+0.0749i	0.0418+0.0447i
31.2	-0.1818-0.1740i	0.6202-0.2852i	0.1537-0.2418i	-0.6533+0.2457i	-0.1324-0.0287i	0.0937+0.0714i	-0.0238+0.0676i	0.0449+0.0429i
31.3	-0.2379-0.1443i	0.6024-0.2608i	0.2821-0.1442i	-0.6418+0.2556i	-0.1307-0.0337i	0.1090+0.0604i	-0.0091+0.0693i	0.0461+0.0429i
31.4	-0.2613-0.1228i	0.6004-0.2512i	0.4049-0.1593i	-0.6140+0.2273i	-0.1227-0.0351i	0.1069+0.0613i	-0.0232+0.0825i	0.0666+0.0244i
31.5	-0.1618-0.1855i	0.6038-0.2896i	-0.1583-0.2619i	-0.6740+0.3117i	-0.1002+0.0079i	0.1141+0.0575i	0.0222+0.1085i	0.0390+0.0400i
31.6	-0.1056-0.1844i	0.6274-0.3037i	-0.3861-0.4012i	-0.7255+0.3918i	-0.1056+0.0070i	0.1207+0.0512i	0.0499+0.1228i	0.0645+0.0624i
31.7	-0.1416-0.0659i	0.6324-0.3233i	-0.0988-0.7127i	-0.6678+0.3567i	-0.1102+0.0272i	0.1182+0.0460i	0.0419+0.1310i	0.0383+0.0282i
31.8	-0.1685-0.1146i	0.6278-0.2867i	-0.2131-0.3497i	-0.6546+0.3660i	-0.0966+0.0280i	0.1180+0.0271i	0.0573+0.1131i	0.0037+0.0161i
31.9	-0.2226-0.0627i	0.6533-0.2734i	0.0604-0.3472i	-0.6095+0.2987i	-0.0983+0.0134i	0.1102+0.0235i	0.0413+0.1290i	0.0014+0.0024i
32.0	-0.1587+0.0078i	0.6720-0.2876i	-0.0476-0.6144i	-0.6707+0.3237i	-0.0563+0.0219i	0.1179+0.0242i	0.0543+0.1419i	0.0021+0.0212i
32.1	-0.1200-0.0387i	0.6849-0.2847i	-0.1790-0.5074i	-0.7062+0.3240i	-0.0384-0.0021i	0.1244+0.0138i	0.0757+0.1196i	0.0048+0.0307i
32.2	-0.0580+0.0040i	0.6742-0.2836i	-0.3682-0.7395i	-0.7119+0.2586i	-0.0514-0.0173i	0.1588+0.0263i	0.0751+0.1308i	0.0345+0.0464i
32.3	-0.1959-0.1819i	0.7309-0.3112i	-0.2852-0.0982i	-0.7332+0.4525i	-0.0926-0.0396i	0.1539-0.0141i	0.0925+0.0799i	0.0795+0.0505i
32.4	-0.1993-0.2040i	0.7676-0.3506i	-0.3077-0.1472i	-0.7741+0.5088i	-0.0940-0.0582i	0.1416+0.0003i	0.1195+0.0594i	0.0763+0.0615i
32.5	-0.0837-0.0967i	0.7261-0.3204i	-0.5720-0.3390i	-0.7832+0.3970i	-0.0752-0.0346i	0.1480-0.0181i	0.1327+0.0728i	0.0775+0.0544i
32.6	-0.0725-0.0268i	0.7307-0.3039i	-0.5550-0.4411i	-0.8080+0.3367i	-0.0664-0.0097i	0.1493-0.0268i	0.1402+0.0765i	0.0587+0.0487i
32.7	-0.1587-0.0626i	0.7923-0.3331i	-0.3908-0.3356i	-0.7915+0.4137i	-0.0856-0.0237i	0.1319-0.0308i	0.1441+0.0471i	0.0497+0.0137i
32.8	-0.1941-0.1154i	0.8029-0.3466i	-0.3200-0.2213i	-0.7632+0.4445i	-0.0792-0.0318i	0.1431-0.0385i	0.1569+0.0295i	0.0689+0.0139i
32.9	-0.1317-0.1649i	0.8216-0.3330i	-0.4642+0.0054i	-0.8367+0.4708i	-0.1186-0.0602i	0.1328-0.0441i	0.1456+0.0302i	0.0733+0.0359i
33.0	-0.1442-0.2152i	0.8603-0.3215i	-0.3176+0.2135i	-0.8592+0.4649i	-0.1245-0.0312i	0.1112-0.0353i	0.1331+0.0203i	0.0712+0.0043i
33.1	-0.1926-0.1998i	0.8724-0.3458i	-0.3002+0.0314i	-0.8304+0.4749i	-0.1208-0.0287i	0.1053-0.0372i	0.1226+0.0233i	0.0671+0.0127i
33.2	-0.1648-0.1870i	0.8680-0.3500i	-0.3849+0.1348i	-0.8341+0.4513i	-0.0849-0.0159i	0.1031-0.0612i	0.1230+0.0165i	0.0642+0.0183i
33.3	-0.2107-0.2326i	0.9149-0.3411i	-0.1634+0.2314i	-0.9127+0.4704i	-0.0871-0.0136i	0.0853-0.0569i	0.1303+0.0195i	0.0453+0.0149i
33.4	-0.2123-0.1551i	0.9420-0.3210i	-0.2312+0.1639i	-0.9321+0.4456i	-0.1100-0.0253i	0.0811-0.0177i	0.1385+0.0388i	0.0520+0.0474i
33.5	-0.2063-0.1151i	0.9605-0.3040i	-0.2959+0.0938i	-0.9966+0.4043i	-0.1000-0.0260i	0.0898-0.0057i	0.1477+0.0446i	0.0782+0.0543i
33.6	-0.2695-0.1060i	0.9959-0.2769i	-0.2224+0.0010i	-0.9628+0.3751i	-0.0945-0.0187i	0.1023-0.0162i	0.1563+0.0364i	0.0733+0.0510i
33.7	-0.2319-0.1003i	1.1104-0.2031i	-0.2908+0.0280i	-1.1066+0.2654i	-0.0911-0.0569i	0.1162-0.0021i	0.1594+0.0101i	0.0732+0.0817i
33.8	-0.2464-0.1446i	1.2527-0.2386i	-0.1333+0.2025i	-1.2770+0.3609i	-0.1199-0.0726i	0.1415+0.0174i	0.1915-0.0076i	0.1092+0.0792i
33.9	-0.1557-0.1314i	1.3721-0.2977i	-0.2291+0.2658i	-1.5131+0.3897i	-0.1275-0.1034i	0.1489+0.0376i	0.1945+0.0148i	0.1260+0.1096i
34.0	-0.0792-0.0367i	1.4651-0.3546i	-0.3297+0.1973i	-1.6282+0.3449i	-0.1284-0.0883i	0.1762+0.0213i	0.2061+0.0315i	0.1802+0.0780i
34.1	-0.1522-0.0232i	1.6154-0.4625i	-0.2181+0.1189i	-1.7853+0.4682i	-0.1680-0.1125i	0.1973+0.0100i	0.2118+0.0095i	0.2019+0.0792i
34.2	-0.1099-0.0647i	1.7395-0.6519i	-0.2267+0.2584i	-2.0116+0.7667i	-0.2055-0.1059i	0.2145+0.0035i	0.2686-0.0114i	0.2248+0.0517i
34.3	-0.0164-0.1517i	1.7563-0.7264i	-0.2572+0.3940i	-2.1013+0.9115i	-0.2376-0.1303i	0.2836-0.0085i	0.3252-0.0634i	0.2532+0.0148i
34.4	0.0395-0.1502i	1.7514-0.8149i	-0.2871+0.3614i	-2.1599+1.0626i	-0.2797-0.0941i	0.2903-0.0375i	0.3095-0.0652i	0.2673+0.0199i
34.5	0.0327-0.1797i	1.8348-0.9735i	-0.1980+0.3416i	-2.2561+1.3714i	-0.3022-0.0613i	0.2846-0.0498i	0.3211-0.1069i	0.2797+0.0028i
34.6	0.0700-0.1597i	1.7893-1.0809i	-0.2168+0.2936i	-2.2370+1.5590i	-0.3185-0.0549i	0.2903-0.0772i	0.2958-0.1495i	0.2909-0.0185i
34.7	0.1013-0.2160i	1.8655-1.1699i	-0.2703+0.3710i	-2.3169+1.7250i	-0.3750-0.0379i	0.3090-0.1169i	0.3290-0.1610i	0.3570-0.0248i
34.8	0.1340-0.2846i	1.9082-1.2708i	-0.2807+0.4758i	-2.3220+1.9503i	-0.3744-0.0072i	0.2899-0.1408i	0.3470-0.2095i	0.3620-0.0566i
34.9	0.1302-0.4207i	1.9548-1.4462i	-0.2199+0.6181i	-2.3727+2.2980i	-0.4156+0.0478i	0.3193-0.1394i	0.3509-0.2392i	0.3778-0.0735i
35.0	0.1154-0.4733i	1.9537-1.6055i	-0.2256+0.6337i	-2.3208+2.5784i	-0.4458+0.0867i	0.3175-0.1888i	0.3351-0.3129i	0.4222-0.1020i
35.1	0.1546-0.5255i	1.9564-1.7015i	-0.2261+0.6983i	-2.2877+2.7166i	-0.4633+0.1187i	0.2954-0.2171i	0.3058-0.3515i	0.4464-0.1462i
35.2	0.0811-0.6196i	1.9348-1.8868i	-0.1328+0.8045i	-2.1373+3.0009i	-0.4639+0.1940i	0.2885-0.2629i	0.3186-0.4361i	0.4788-0.2255i
35.3	0.0353-0.7324i	1.9151-2.0837i	-0.0293+0.8535i	-1.9949+3.3660i	-0.4759+0.2696i	0.3136-0.2898i	0.3246-0.5065i	0.5091-0.2805i
35.4	0.1145-0.8215i	1.9005-2.1783i	-0.0701+0.9186i	-2.0103+3.5011i	-0.4554+0.3260i	0.3335-0.3487i	0.3089-0.5032i	0.5452-0.3122i
35.5	0.1059-0.8054i	1.7796-2.2731i	-0.1009+0.8696i	-1.8174+3.5889i	-0.4343+0.3956i	0.3197-0.3873i	0.2304-0.5652i	0.5382-0.4190i
35.6	-0.0588-0.8719i	1.6575-2.4840i	0.0582+0.9013i	-1.5024+3.8469i	-0.3809+0.4784i	0.2812-0.4088i	0.1121-0.6713i	0.4556-0.5501i
35.7	-0.1916-0.9011i	1.5341-2.5918i	0.2040+0.8494i	-1.1777+3.9560i	-0.2993+0.5303i	0.2687-0.4660i	0.0134-0.7254i	0.4023-0.6430i
35.8	-0.2899-0.9225i	1.3817-2.6489i	0.2738+0.8671i	-0.8849+3.9994i	-0.2252+0.5636i	0.2139-0.4700i	-0.1263-0.7377i	0.3354-0.7311i
35.9	-0.2713-0.9520i	1.3166-2.7465i	0.2342+0.9353i	-0.7602+4.1708i	-0.1291+0.6046i	0.2029-0.5382i	-0.2069-0.7172i	0.2850-0.8105i
36.0	-0.4267-0.9534i	1.1402-2.8524i	0.3973+0.8830i	-0.3079+4.1895i	-0.0192+0.6122i	0.1070-0.5547i	-0.3902-0.7270i	0.1128-0.9590i
36.1	-0.5239-0.9036i	1.0665-2.9103i	0.4827+0.8835i	-0.1146+4.1664i	0.0556+0.6277i	0.0731-0.5709i	-0.4797-0.6145i	-0.0090-0.9837i
36.2	-0.5557-0.9084i	0.9745-2.8925i	0.5098+0.9572i	0.0539+4.0539i	0.1279+0.5624i	-0.0034-0.5871i	-0.5526-0.5746i	-0.1234-0.9618i
36.3	-0.6718-0.7871i	0.8281-2.8952i	0.5953+0.7983i	0.3190+3.9353i	0.1953+0.4681i	-0.0638-0.5649i	-0.6546-0.4540i	-0.2731-0.9004i
36.4	-0.7344-0.7473i	0.8193-2.9660i	0.6887+0.7539i	0.3242+3.8927i	0.2335+0.3895i	-0.1163-0.5224i	-0.7743-0.3037i	-0.4563-0.8183i
36.5	-0.6965-0.7524i	0.8642-3.0150i	0.7367+0.7616i	0.1550+3.9330i	0.2184+0.3738i	-0.1536-0.5025i	-0.7644-0.2121i	-0.5114-0.7856i
36.6	-0.7039-0.7877i	0.7639-3.0710i	0.7396+0.8258i	0.2602+3.9210i	0.2673+0.3101i	-0.2524-0.4269i	-0.7841-0.1073i	-0.6532-0.7207i
36.7	-0.8191-0.7824i	0.6808-3.2073i	0.9252+0.8466i	0.4271+4.1002i	0.2602+0.2686i	-0.2220-0.3577i	-0.7688+0.0552i	-0.7089-0.5618i
36.8	-0.8891-0.6660i	0.5746-3.1846i	1.0797+0.7182i	0.5690+3.9752i	0.2568+0.2286i	-0.1547-0.3625i	-0.6678+0.1209i	-0.7032-0.4912i
36.9	-0.9406-0.6897i	0.4992-3.3186i	1.1556+0.7456i	0.7120+4.1152i	0.2564+0.1885i	-0.1661-0.3556i	-0.6485+0.2019i	-0.7535-0.4045i
37.0	-0.9755-0.7555i	0.3604-3.4262i	1.2311+0.7435i	0.9034+4.3308i	0.2350+0.1417i	-0.1557-0.3023i	-0.5433+0.2642i	-0.6915-0.2660i
37.1	-1.1355-0.6364i	0.2091-3.4865i	1.4217+0.6169i	1.2772+4.3224i	0.2652+0.0902i	-0.1087-0.3616i	-0.4855+0.2679i	-0.6989-0.2089i

37.2	−1.1569−0.5293i	0.1073−3.5026i	1.4769+0.6027i	1.4966+4.1751i	0.2593+0.0582i	−0.1558−0.4171i	−0.4572+0.2949i	−0.7012−0.1630i
37.3	−1.2181−0.4053i	−0.0091−3.5281i	1.5381+0.3563i	1.7415+4.0818i	0.2040+0.0459i	−0.1582−0.4174i	−0.3991+0.3264i	−0.6277−0.1217i
37.4	−1.2268−0.4840i	−0.0978−3.7138i	1.7281+0.4609i	1.7549+4.2548i	0.1674+0.0065i	−0.1755−0.3828i	−0.4184+0.4059i	−0.6914+0.0804i
37.5	−1.3065−0.4187i	−0.2375−3.7257i	1.8845+0.3219i	2.0123+4.1638i	0.1566+0.0025i	−0.2018−0.4052i	−0.3902+0.4308i	−0.6267+0.0373i
37.6	−1.3220−0.2288i	−0.4340−3.6792i	1.9727+0.0594i	2.2671+3.8556i	0.1542−0.0015i	−0.2062−0.4163i	−0.2736+0.4199i	−0.5762+0.0581i
37.7	−1.3584−0.1269i	−0.5986−3.7629i	1.9645−0.1421i	2.5200+3.7900i	0.1521−0.0333i	−0.2291−0.4543i	−0.2220+0.4297i	−0.5532+0.1276i
37.8	−1.2788+0.0200i	−0.6746−3.7354i	1.7828−0.3323i	2.4784+3.6382i	0.1043−0.0511i	−0.2547−0.4864i	−0.1859+0.4327i	−0.5131+0.1737i
37.9	−1.3341+0.1515i	−0.9009−3.7531i	1.9283−0.5717i	2.7737+3.4887i	0.0879−0.0328i	−0.2964−0.4983i	−0.1327+0.4364i	−0.4135+0.1623i
38.0	−1.2838+0.2573i	−1.0666−3.7025i	1.8637−0.9153i	2.9696+3.3444i	0.0565−0.0178i	−0.3508−0.5016i	−0.0706+0.3906i	−0.3718+0.0838i
38.1	−1.2811+0.3265i	−1.3023−3.6397i	1.8996−1.1560i	3.1506+3.2308i	0.0570−0.0146i	−0.4564−0.4598i	−0.0927+0.3425i	−0.4381+0.0746i
38.2	−1.1843+0.3455i	−1.3393−3.5661i	1.7368−1.1731i	3.0021+3.0827i	0.0506−0.0077i	−0.5013−0.3951i	−0.1077+0.3690i	−0.4648+0.1144i
38.3	−1.1396+0.3384i	−1.4360−3.5671i	1.5638−1.1494i	3.0543+3.0208i	0.0344+0.0183i	−0.5196−0.3668i	−0.0712+0.4237i	−0.4410+0.1575i
38.4	−1.1504+0.4392i	−1.5522−3.5313i	1.5955−1.3516i	3.1968+2.7830i	0.0673+0.0088i	−0.5159−0.3662i	−0.0549+0.4667i	−0.4381+0.2273i
38.5	−0.9971+0.5652i	−1.6282−3.5224i	1.2699−1.6347i	3.1722+2.6379i	0.0734−0.0187i	−0.5498−0.3514i	0.0067+0.4627i	−0.4060+0.2395i
38.6	−0.9626+0.5376i	−1.7123−3.5319i	1.1605−1.5196i	3.0704+2.6559i	0.0914−0.0335i	−0.6147−0.3279i	0.0721+0.4504i	−0.4200+0.2444i
38.7	−0.8777+0.5629i	−1.8252−3.4617i	0.9860−1.4715i	3.0716+2.5948i	0.0776−0.0524i	−0.6224−0.2744i	0.1152+0.4219i	−0.3756+0.2729i
38.8	−0.7009+0.6469i	−1.9759−3.3502i	0.7847−1.3909i	3.1413+2.3995i	0.0592−0.0767i	−0.6423−0.2412i	0.1253+0.3873i	−0.3125+0.2960i
38.9	−0.6076+0.6574i	−2.0832−3.3453i	0.7701−1.5498i	3.1555+2.4236i	0.0469−0.1054i	−0.6566−0.1853i	0.1396+0.3474i	−0.2887+0.2905i
39.0	−0.5605+0.5818i	−2.1905−3.3806i	0.8000−1.5007i	3.2319+2.4987i	0.0133−0.1087i	−0.6695−0.1211i	0.1762+0.3268i	−0.2504+0.2998i
39.1	−0.4613+0.5912i	−2.3284−3.2655i	0.7424−1.4216i	3.2987+2.3880i	−0.0237−0.1128i	−0.6790−0.1073i	0.1845+0.3044i	−0.2149+0.3172i
39.2	−0.3195+0.5760i	−2.4321−3.2146i	0.5683−1.4527i	3.2726+2.3178i	−0.0752−0.1052i	−0.7123−0.0906i	0.1737+0.2629i	−0.1770+0.2790i
39.3	−0.2591+0.4914i	−2.5567−3.1580i	0.5962−1.4231i	3.3230+2.3742i	−0.1044−0.0802i	−0.7567−0.0592i	0.1501+0.2560i	−0.2133+0.2549i
39.4	−0.2190+0.4127i	−2.6931−3.0671i	0.5420−1.4930i	3.4731+2.3608i	−0.1064−0.0487i	−0.7686+0.0247i	0.1304+0.2627i	−0.2263+0.2509i
39.5	−0.1592+0.3175i	−2.7772−2.9487i	0.4318−1.4619i	3.5209+2.2661i	−0.1344−0.0381i	−0.7433+0.0859i	0.1562+0.2828i	−0.1977+0.2560i
39.6	−0.0845+0.1641i	−2.9056−2.8216i	0.3165−1.4482i	3.5622+2.2107i	−0.1415−0.0365i	−0.7436+0.1466i	0.1795+0.3017i	−0.1900+0.2707i
39.7	−0.1323+0.0472i	−3.0631−2.7570i	0.3180−1.6141i	3.8298+2.1821i	−0.1522−0.0171i	−0.7460+0.2297i	0.2040+0.2948i	−0.1832+0.2713i
39.8	−0.1946+0.0306i	−3.1218−2.6116i	0.2795−1.6966i	3.9090+1.9562i	−0.1471−0.0029i	−0.6957+0.2705i	0.2007+0.2951i	−0.1931+0.2622i
39.9	−0.1474+0.0058i	−3.1025−2.4195i	0.0001−1.5609i	3.8331+1.8038i	−0.1352+0.0156i	−0.6369+0.2872i	0.2029+0.2755i	−0.1752+0.2617i
40.0	−0.2045−0.1494i	−3.2405−2.3246i	0.0888−1.4873i	4.0911+1.6959i	−0.1264+0.0213i	−0.6204+0.3172i	0.2328+0.2911i	−0.1595+0.2388i
40.1	−0.3442−0.2064i	−3.3343−2.2145i	0.0045−1.5355i	4.1715+1.6033i	−0.1507+0.0294i	−0.5715+0.3664i	0.2737+0.2800i	−0.1707+0.2820i
40.2	−0.4386−0.2234i	−3.3351−2.0772i	0.0529−1.4389i	4.1836+1.4459i	−0.1529+0.0382i	−0.5482+0.3637i	0.2826+0.3052i	−0.1581+0.3006i
40.3	−0.4870−0.3584i	−3.3078−1.9718i	0.0026−1.2996i	4.0813+1.4253i	−0.1832+0.0234i	−0.5494+0.4254i	0.3346+0.2910i	−0.1449+0.2944i
40.4	−0.5812−0.3053i	−3.3389−1.8419i	−0.0056−1.3478i	4.1797+1.2443i	−0.1875+0.0559i	−0.4914+0.4287i	0.3511+0.2546i	−0.1298+0.2749i
40.5	−0.6432−0.1983i	−3.3702−1.6978i	−0.0911−1.5654i	4.2163+1.0795i	−0.1837+0.0802i	−0.4687+0.4540i	0.3955+0.2411i	−0.1137+0.2988i
40.6	−0.7444−0.1286i	−3.3458−1.5803i	−0.1712−1.5078i	4.1575+0.9668i	−0.1929+0.1106i	−0.4079+0.4894i	0.4262+0.2055i	−0.0969+0.3200i
40.7	−0.8475−0.1804i	−3.4097−1.5640i	−0.1285−1.5490i	4.2554+0.9154i	−0.1914+0.1395i	−0.3678+0.5079i	0.4306+0.1745i	−0.0868+0.2885i
40.8	−0.8281−0.0708i	−3.3872−1.4755i	−0.1326−1.5730i	4.3528+0.7632i	−0.1648+0.1319i	−0.3231+0.4782i	0.4307+0.1703i	−0.0552+0.3244i
40.9	−0.7546−0.0891i	−3.3588−1.3699i	−0.2809−1.4444i	4.2493+0.6891i	−0.1733+0.1328i	−0.3195+0.4833i	0.4778+0.1385i	−0.0132+0.3086i
41.0	−0.8825−0.0389i	−3.3594−1.2702i	−0.1647−1.5249i	4.2516+0.5257i	−0.1626+0.1506i	−0.2927+0.4976i	0.4625+0.1140i	−0.0405+0.3074i
41.1	−0.9106+0.1131i	−3.3338−1.1642i	−0.3263−1.5727i	4.2258+0.4240i	−0.1571+0.1659i	−0.2650+0.4942i	0.4838+0.0839i	0.0053+0.3348i
41.2	−0.8392+0.2180i	−3.3170−1.0960i	−0.4720−1.5421i	4.2487+0.2981i	−0.1460+0.1653i	−0.2605+0.4525i	0.4753+0.0682i	0.0299+0.3278i
41.3	−0.7952+0.3452i	−3.2854−0.9559i	−0.5839−1.5583i	4.1803−0.0199i	−0.1491+0.1722i	−0.2347+0.4534i	0.4942+0.0590i	0.0486+0.3224i
41.4	−0.6315+0.3641i	−3.2041−0.8413i	−0.8160−1.6160i	4.0687−0.0185i	−0.1494+0.1763i	−0.2415+0.4753i	0.4750+0.0217i	0.0550+0.2809i
41.5	−0.4686+0.2686i	−3.1083−0.8198i	−0.9116−1.4814i	3.9649−0.1806i	−0.1413+0.1965i	−0.2176+0.4920i	0.4876−0.0268i	0.0853+0.2417i
41.6	−0.6603+0.2304i	−3.1537−0.8233i	−0.7357−1.4082i	3.8992−0.2071i	−0.1581+0.2146i	−0.2253+0.4819i	0.4844−0.0517i	0.0779+0.2616i
41.7	−0.5533+0.3971i	−3.0878−0.7491i	−0.9651−1.4953i	3.7489−0.3614i	−0.1714+0.2100i	−0.2056+0.4917i	0.4979−0.0343i	0.1104+0.2961i
41.8	−0.5436+0.3195i	−3.0497−0.7575i	−0.9563−1.3785i	3.7018−0.2067i	−0.1550+0.2496i	−0.1978+0.4764i	0.4904−0.0742i	0.1135+0.2463i
41.9	−0.4529+0.3148i	−3.0163−0.7289i	−1.1639−1.2990i	3.7041−0.4288i	−0.1489+0.2670i	−0.1451+0.5416i	0.5108−0.1048i	0.1294+0.2306i
42.0	−0.3849+0.3342i	−3.0133−0.7245i	−1.2023−1.3030i	3.5194−0.3482i	−0.1342+0.2880i	−0.1171+0.5372i	0.5027−0.1311i	0.1018+0.2201i
42.1	−0.3190+0.1606i	−2.9964−0.7931i	−1.2246−1.0336i	3.2503−0.3894i	−0.1265+0.3061i	−0.0860+0.5320i	0.5445−0.1841i	0.1312+0.2072i
42.2	−0.5808+0.1171i	−3.0205−0.7615i	−0.8049−1.0274i	3.4348−0.0121i	−0.0782+0.2952i	−0.0992+0.5431i	0.4402−0.1931i	0.0696+0.2223i
42.3	−0.5229+0.3893i	−3.0722−0.6960i	−1.0750−1.3037i	3.8348−0.2433i	−0.0596+0.2789i	−0.0479+0.6088i	0.4447−0.1349i	0.1035+0.2445i
42.4	−0.3635+0.3078i	−3.0879−0.6631i	−1.3023−1.3063i	3.7606−0.6677i	−0.0533+0.2466i	0.0236+0.6246i	0.4962−0.1205i	0.1268+0.2493i
42.5	−0.3902+0.2438i	−3.1296−0.6601i	−1.4359−1.2692i	3.5547−0.5310i	−0.0569+0.2607i	0.0623+0.6001i	0.5155−0.1854i	0.1544+0.2360i
42.6	−0.2987+0.3081i	−3.1438−0.5943i	−1.5164−1.2115i	3.8225−0.6497i	−0.0567+0.2662i	0.0903+0.5949i	0.5467−0.1788i	0.1798+0.2142i
42.7	−0.2565+0.3238i	−3.0976−0.5426i	−1.6950−1.1165i	3.6703−1.0697i	−0.0803+0.2603i	0.1653+0.5782i	0.6059−0.1961i	0.1972+0.2167i
42.8	−0.1445+0.2205i	−3.1171−0.5281i	−1.8204−0.8042i	3.4165−0.8528i	−0.0546+0.3007i	0.2099+0.5411i	0.6068−0.3218i	0.2328+0.1899i
42.9	−0.2414+0.1507i	−3.1305−0.5128i	−1.6524−0.6550i	3.3456−0.9008i	−0.0616+0.3139i	0.2418+0.5257i	0.5823−0.4007i	0.2378+0.1780i
43.0	−0.2041+0.1780i	−3.1596−0.4918i	−1.5798−0.6178i	3.4581−0.5497i	−0.0289+0.3345i	0.2329+0.4589i	0.4805−0.4485i	0.1937+0.1716i
43.1	−0.2129+0.1332i	−3.2085−0.3839i	−1.7412−0.6129i	3.6723−1.0463i	−0.0413+0.2850i	0.3207+0.4329i	0.5237−0.4023i	0.2693+0.1551i
43.2	−0.1261+0.1762i	−3.1792−0.3616i	−1.8674−0.5513i	3.5729−1.3329i	−0.0523+0.3103i	0.3484+0.4298i	0.5511−0.4358i	0.2986+0.1358i
43.3	−0.0949−0.0086i	−3.1652−0.3428i	−1.7805−0.2257i	3.3814−1.3722i	−0.0491+0.3329i	0.3692+0.3888i	0.5346−0.5214i	0.2961+0.0882i
43.4	−0.2138−0.1893i	−3.1835−0.4054i	−1.5385+0.0748i	3.0704−1.2412i	−0.0377+0.3868i	0.3942+0.3232i	0.4328−0.6680i	0.3064+0.0041i

43.5	-0.3046-0.1647i	-3.2841-0.3605i	-1.3335-0.0670i	3.4017-1.0708i	0.0323+0.3987i	0.3405+0.2990i	0.2489-0.6271i	0.2387+0.0201i
43.6	-0.3002-0.0736i	-3.2198-0.2570i	-1.4140-0.0971i	2.9725-1.1882i	0.0481+0.4330i	0.3643+0.2093i	0.2482-0.7068i	0.2472-0.0343i
43.7	-0.3926-0.0002i	-3.2645-0.2127i	-1.3972-0.1327i	3.1876-1.1683i	0.1047+0.4253i	0.3499+0.1692i	0.1161-0.6377i	0.2178-0.0357i
43.8	-0.3162+0.1388i	-3.3078-0.2000i	-1.4876-0.3130i	3.4039-1.2502i	0.1170+0.4225i	0.3593+0.1541i	0.0942-0.5550i	0.2268-0.0459i
43.9	-0.2744-0.0372i	-3.2323-0.1797i	-1.3994-0.0250i	3.1032-1.4959i	0.1258+0.4228i	0.3769+0.1288i	0.1416-0.5643i	0.2278-0.0784i
44.0	-0.1911-0.1239i	-3.2345-0.1650i	-1.5059+0.1788i	2.8371-1.6193i	0.1606+0.3967i	0.3525+0.0560i	0.1254-0.6037i	0.2185-0.0985i
44.1	-0.4808-0.1005i	-3.3160-0.1320i	-1.1266+0.0931i	2.7300-1.4732i	0.1813+0.4146i	0.2983+0.0200i	0.0084-0.5729i	0.1547-0.1207i
44.2	-0.3607-0.0229i	-3.3182-0.1060i	-1.3403-0.0055i	2.7332-1.2669i	0.2214+0.4113i	0.2905+0.0085i	-0.0495-0.5527i	0.1279-0.1396i
44.3	-0.4519-0.1118i	-3.3244-0.0563i	-1.1969+0.2099i	2.7612-1.0689i	0.2427+0.3648i	0.2321+0.0159i	-0.1420-0.4692i	0.0871-0.1322i
44.4	-0.4190+0.1560i	-3.3254-0.0002i	-1.3154-0.0569i	2.8395-1.3208i	0.2563+0.3617i	0.2290+0.0034i	-0.0692-0.3992i	0.0744-0.1065i
44.5	-0.2098+0.1114i	-3.4020+0.0439i	-1.5777+0.2052i	2.9477-1.4263i	0.2873+0.3432i	0.1984+0.0058i	-0.0674-0.4006i	0.0963-0.1293i
44.6	-0.1884-0.0026i	-3.3369+0.0586i	-1.4911+0.4014i	2.7790-1.6250i	0.2969+0.3053i	0.1912-0.0554i	-0.0531-0.3464i	0.0425-0.1522i
44.7	-0.2576-0.0595i	-3.2993+0.0936i	-1.2175+0.3490i	2.5087-1.7207i	0.2743+0.3056i	0.2195-0.0642i	-0.0302-0.3721i	0.0345-0.1249i
44.8	-0.2167-0.1098i	-3.3284+0.1103i	-1.2227+0.4932i	2.0741-1.6654i	0.2699+0.3127i	0.1874-0.0908i	-0.0498-0.4046i	0.0278-0.1484i
44.9	-0.2548-0.2132i	-3.4248+0.1528i	-1.0760+0.7389i	2.3205-1.5369i	0.3218+0.2927i	0.1128-0.0443i	-0.0479-0.3123i	-0.0217-0.1209i
45.0	-0.3286-0.1974i	-3.3499+0.0860i	-0.7564+0.5660i	1.9417-1.3241i	0.3261+0.2857i	0.1126-0.0469i	-0.0927-0.2764i	-0.0265-0.1106i
45.1	-0.2899-0.0581i	-3.4716+0.1993i	-0.9858+0.2807i	2.3934-1.0672i	0.3530+0.2889i	0.0713-0.0523i	-0.0339-0.1698i	-0.0421-0.0363i
45.2	-0.2339-0.0509i	-3.5052+0.2937i	-1.0489+0.2966i	1.9779-1.5810i	0.3552+0.2551i	0.0462-0.1060i	0.0403-0.2793i	-0.0468-0.0625i
45.3	-0.2974-0.1443i	-3.4869+0.2899i	-0.8644+0.3299i	1.7167-1.2456i	0.3320+0.2404i	0.0433-0.0774i	0.0266-0.2685i	-0.0416-0.0650i
45.4	-0.3872-0.1569i	-3.5665+0.2487i	-0.5969+0.1987i	2.0108-1.0579i	0.3109+0.2181i	0.0655-0.0318i	0.1014-0.2058i	-0.0634-0.0447i
45.5	-0.3417-0.1776i	-3.6713+0.2538i	-0.8364+0.1710i	2.0536-1.2750i	0.3150+0.2249i	0.0750-0.0691i	0.2073-0.2330i	-0.0520-0.0464i
45.6	-0.2614-0.1854i	-3.6870+0.3143i	-0.9981+0.4170i	1.9043-1.1941i	0.3402+0.2379i	0.0294-0.1274i	0.2012-0.3304i	-0.0625-0.0632i
45.7	-0.2813-0.1085i	-3.6626+0.3425i	-0.8497+0.2565i	2.0245-0.8680i	0.3913+0.2307i	0.0091-0.0866i	0.2367-0.3049i	-0.0673-0.0167i
45.8	-0.1897-0.2030i	-3.6362+0.3144i	-0.9131+0.4072i	1.8198-0.6978i	0.3972+0.2085i	-0.0155-0.1065i	0.2616-0.3906i	-0.0484-0.0152i
45.9	-0.1610-0.1765i	-3.7057+0.3272i	-1.0336+0.4279i	1.9031-0.3371i	0.4182+0.2090i	-0.0518-0.1221i	0.2180-0.4280i	-0.0383-0.0323i
46.0	-0.2022-0.2781i	-3.8638+0.4057i	-0.8407+0.4853i	2.2103-0.4602i	0.4197+0.1862i	-0.0740-0.0810i	0.2578-0.5007i	-0.0524-0.0349i
46.1	-0.2307-0.3081i	-3.9763+0.5385i	-0.7602+0.3884i	2.4205-0.5406i	0.4706+0.1427i	-0.0726-0.1106i	0.2335-0.6125i	-0.0789-0.0085i
46.2	-0.1201-0.4135i	-4.0340+0.5515i	-0.7346+0.5720i	2.5185-0.6387i	0.4575+0.0889i	-0.1055-0.1058i	0.2231-0.6810i	-0.0709-0.0315i
46.3	-0.1491-0.3927i	-4.1198+0.6942i	-0.8437+0.4367i	2.4462-0.6815i	0.4586+0.1002i	-0.1269-0.1049i	0.1526-0.7314i	-0.0635-0.0430i
46.4	-0.1932-0.3673i	-4.1096+0.8077i	-0.9283+0.5302i	2.5536-0.6963i	0.4757+0.0800i	-0.1467-0.0974i	0.0631-0.7298i	-0.0346-0.0265i
46.5	-0.3514-0.3383i	-4.1861+0.8844i	-1.0442+0.2228i	2.2331-0.5486i	0.4706+0.1265i	-0.2030-0.1519i	-0.1060-0.7135i	-0.0909-0.0153i
46.6	-0.1897-0.4629i	-4.2299+0.9911i	-0.7448+0.4490i	2.3986-0.8557i	0.4820+0.0432i	-0.2466-0.1127i	-0.0953-0.7080i	-0.0624+0.0158i
46.7	-0.2601-0.6029i	-4.2659+0.9620i	-0.6239+0.1479i	2.1065-0.6576i	0.4366+0.0361i	-0.3032-0.1426i	-0.1729-0.7698i	-0.0626-0.0454i
46.8	-0.3959-0.7077i	-4.3271+1.0499i	-0.6944+0.1232i	2.0630-0.4015i	0.4260+0.0546i	-0.3852-0.0939i	-0.3062-0.7373i	-0.1096-0.0395i
46.9	-0.6045-0.5358i	-4.5058+1.1589i	-1.0955-0.2738i	2.9035+0.4108i	0.5484+0.0712i	-0.4449-0.0240i	-0.2885-0.5604i	-0.1306+0.0262i
47.0	-0.5667-0.6739i	-4.5330+1.3097i	-1.1614+0.1726i	3.4189-0.0666i	0.5364-0.0166i	-0.4140+0.1100i	-0.3235-0.5811i	-0.1169+0.0345i
47.1	-0.7000-0.6084i	-4.6825+1.5506i	-1.2719+0.2425i	3.5405-0.6054i	0.5023-0.0184i	-0.4489+0.1339i	-0.3678-0.5799i	-0.1119+0.0311i
47.2	-0.6166-0.6477i	-4.7182+1.6903i	-1.0078+0.3641i	3.5367-0.9179i	0.4928-0.0859i	-0.5085+0.1826i	-0.4026-0.5717i	-0.1362-0.0179i
47.3	-0.6993-0.7476i	-4.6535+1.6260i	-1.0401+0.1404i	3.4963-0.5283i	0.5066-0.1102i	-0.5452+0.2504i	-0.4206-0.5318i	-0.1503-0.0187i
47.4	-0.8226-0.6625i	-4.8186+1.8657i	-1.3150+0.3589i	3.9601-0.8381i	0.5116-0.1415i	-0.5096+0.3822i	-0.4356-0.4567i	-0.1591-0.0134i
47.5	-0.8166-0.6277i	-4.7999+2.0871i	-1.2497+0.5545i	3.7952-1.2649i	0.4837-0.1821i	-0.4515+0.4751i	-0.4341-0.3766i	-0.1645+0.0231i
47.6	-0.8706-0.5972i	-4.7861+2.2101i	-1.3602+0.6425i	3.6836-1.1881i	0.4842-0.1485i	-0.4505+0.5116i	-0.3878-0.3050i	-0.2004+0.0205i
47.7	-1.0016-0.5473i	-4.7562+2.3573i	-1.2477+0.5235i	3.8242-1.1904i	0.5215-0.1788i	-0.3898+0.5672i	-0.2962-0.2754i	-0.2238+0.0408i
47.8	-0.7086-0.4802i	-4.5984+2.6620i	-1.1669+1.0620i	3.7419-1.8459i	0.4937-0.3268i	-0.3281+0.6539i	-0.2425-0.3588i	-0.1704+0.0623i
47.9	-1.0040-0.2988i	-4.6649+2.5757i	-1.4986+0.4748i	3.8478-1.1589i	0.5196-0.3130i	-0.3486+0.6774i	-0.1948-0.3286i	-0.2252+0.1140i
48.0	-0.7422-0.2208i	-4.7929+2.9027i	-1.7193+1.2246i	4.3393-1.8223i	0.4959-0.4203i	-0.2616+0.7971i	-0.1721-0.3925i	-0.2194+0.1407i
48.1	-0.7488-0.2842i	-4.6262+3.2439i	-1.3872+1.4817i	3.8848-2.5216i	0.4242-0.4752i	-0.1091+0.7689i	-0.1448-0.4546i	-0.2099+0.1622i
48.2	-0.8978-0.3801i	-4.4003+3.2298i	-0.8716+1.3382i	3.2867-2.4411i	0.3587-0.4711i	-0.0976+0.7242i	-0.1488-0.4976i	-0.1832+0.2174i
48.3	-0.9650-0.3001i	-4.3899+3.0461i	-0.8308+0.9367i	3.1798-1.8104i	0.2838-0.4574i	-0.0626+0.7782i	-0.1956-0.5228i	-0.2012+0.2517i
48.4	-0.8745-0.3836i	-4.3656+3.2227i	-0.7118+0.8603i	3.1945-1.8634i	0.2138-0.4573i	-0.0030+0.7974i	-0.2756-0.5386i	-0.2222+0.2990i
48.5	-0.8161-0.1050i	-4.4040+3.4041i	-1.2627+0.9766i	3.6870-1.9921i	0.2271-0.4824i	0.0278+0.7923i	-0.2823-0.5608i	-0.1666+0.3080i
48.6	-0.8760-0.5723i	-4.4192+3.2946i	-0.8376+1.1558i	3.5064-1.9764i	0.1348-0.4471i	0.2045+0.8440i	-0.3687-0.6050i	-0.2308+0.3185i
48.7	-0.7976-0.4473i	-4.2279+3.3887i	-0.7905+1.2756i	3.4466-2.2186i	0.0387-0.4692i	0.2162+0.8384i	-0.4585-0.5381i	-0.1405+0.3410i
48.8	-0.6444-0.2765i	-4.1715+3.6814i	-0.8370+1.3988i	3.2840-2.4746i	0.0208-0.4602i	0.2523+0.8262i	-0.4948-0.5040i	-0.0898+0.3496i
48.9	-0.4567-0.5662i	-4.0820+3.5526i	-0.6060+1.5052i	3.2377-2.3718i	-0.0762-0.4524i	0.3102+0.9001i	-0.5492-0.4277i	-0.0772+0.3565i
49.0	-0.3888-0.6333i	-4.0571+3.6224i	-0.4903+1.5692i	2.9912-2.4674i	-0.0946-0.4279i	0.3514+0.8655i	-0.5480-0.4004i	-0.0622+0.3509i
49.1	-0.5194-0.3799i	-4.1929+3.8561i	-0.7044+1.4473i	3.3630-2.5339i	-0.0682-0.3963i	0.4288+0.7465i	-0.5377-0.3679i	-0.0216+0.3883i
49.2	-0.4194-0.5654i	-4.0394+3.9847i	-0.4084+1.5195i	3.0067-2.4767i	-0.0891-0.3862i	0.4322+0.6985i	-0.5522-0.3347i	0.0445+0.3884i
49.3	-0.7326-0.6463i	-4.2359+4.0926i	-0.4109+1.2608i	3.1343-2.3634i	-0.0998-0.2836i	0.5593+0.6565i	-0.5454-0.3223i	0.0535+0.3818i
49.4	-0.7445-1.3845i	-4.4881+3.9711i	-0.2639+1.4234i	3.2224-2.0519i	-0.1937-0.2318i	0.6247+0.7335i	-0.5832-0.2972i	0.0197+0.3556i
49.5	-1.1260-1.2580i	-4.7513+4.1130i	-0.3610+1.4584i	3.7988-2.1655i	-0.1988-0.1996i	0.6503+0.7307i	-0.5286-0.2404i	0.0396+0.3817i
49.6	-0.9511-0.8834i	-4.5450+4.6017i	-0.3688+1.6651i	3.4625-2.6314i	-0.1771-0.1765i	0.6436+0.6599i	-0.5358-0.2623i	0.1058+0.3560i
49.7	-0.9262-0.9285i	-4.3619+4.7520i	-0.2044+1.7550i	3.2394-2.7530i	-0.1679-0.1190i	0.7176+0.6185i	-0.5154-0.2039i	0.0926+0.3115i

49.8	−1.0208−1.1923i	−4.2818+4.9914i	−0.0100+1.6593i	3.0111−2.7565i	−0.1625−0.0466i	0.7573+0.5425i	−0.5298−0.1992i	0.1041+0.3232i
49.9	−1.4318−0.7688i	−4.5236+5.1820i	−0.2438+1.2336i	3.4972−2.4579i	−0.0482−0.0544i	0.6915+0.4697i	−0.4886−0.1694i	0.1403+0.3744i
50.0	−1.8155−1.0966i	−4.7246+5.3582i	0.2265+1.3474i	3.6178−2.5776i	−0.0773+0.0097i	0.7857+0.4833i	−0.4517−0.1257i	0.1068+0.3308i
50.1	−1.6808−1.2284i	−4.8041+5.5697i	0.1136+1.5980i	3.7590−2.8366i	−0.0972+0.0315i	0.8972+0.5878i	−0.3891−0.1326i	0.0901+0.3241i
50.2	−1.6165−0.7085i	−4.4528+6.2635i	0.0714+1.5089i	3.6429−3.1517i	−0.0010−0.0007i	0.9193+0.4232i	−0.3989−0.1275i	0.1819+0.3472i
50.3	−1.8330−1.0087i	−4.2596+6.4171i	0.5346+1.5394i	3.3725−3.2101i	0.0048+0.0680i	0.9828+0.2987i	−0.3525−0.1406i	0.1483+0.3037i
50.4	−2.2189−0.8044i	−4.1508+6.5543i	0.7578+1.1129i	3.3158−3.0748i	0.0576+0.0926i	1.0017+0.2444i	−0.2820−0.1758i	0.1675+0.3476i
50.5	−1.9048−0.5836i	−3.8107+6.5967i	0.4278+0.9281i	3.1439−2.7578i	0.1130+0.0519i	0.9710+0.2260i	−0.2641−0.2433i	0.1857+0.3775i
50.6	−2.1826−0.4101i	−4.1668+6.9028i	0.2249+0.8757i	4.2575−2.4828i	0.1779+0.0145i	0.9909+0.2237i	−0.2005−0.3036i	0.2068+0.4405i
50.7	−1.9074−0.3748i	−3.9260+7.3274i	0.3006+1.1542i	4.1647−2.8828i	0.1877−0.0469i	0.9972+0.1355i	−0.2301−0.4196i	0.2404+0.4295i
50.8	−1.8332−0.6575i	−3.6144+7.3166i	0.4092+1.1076i	3.7615−2.5717i	0.1698−0.0740i	0.9502+0.0599i	−0.2965−0.4458i	0.2428+0.4059i
50.9	−2.1479−0.6012i	−3.3469+7.5767i	0.6853+1.2601i	3.9565−2.9933i	0.1423−0.1406i	0.9168+0.0717i	−0.3086−0.4467i	0.2586+0.3616i
51.0	−2.2515−0.2180i	−3.3728+7.9595i	0.6518+0.8775i	4.3154−2.9343i	0.1722−0.1033i	0.9899+0.0878i	−0.3396−0.5481i	0.3266+0.4034i
51.1	−2.3703−0.3113i	−3.2767+8.3294i	0.6481+0.9197i	4.8232−3.2651i	0.1981−0.0832i	1.1496+0.0885i	−0.4490−0.5602i	0.3777+0.3827i
51.2	−2.3221−0.0142i	−2.8259+8.6112i	0.7126+0.6931i	4.6910−3.4975i	0.2160−0.1581i	1.1015−0.0352i	−0.4688−0.5847i	0.3789+0.3726i
51.3	−2.4592+0.3956i	−2.4234+9.3323i	0.6515+0.4858i	5.1692−4.1317i	0.2562−0.1793i	1.1739−0.1711i	−0.5356−0.5695i	0.4276+0.3464i
51.4	−2.5808+0.4533i	−2.0823+9.6022i	0.8733+0.4209i	5.2567−4.4364i	0.2935−0.2099i	1.1888−0.3116i	−0.5555−0.5511i	0.4505+0.3700i
51.5	−2.3568+1.0468i	−1.4888+9.6803i	0.4668−0.0913i	5.2073−4.8594i	0.3393−0.3590i	1.0661−0.3893i	−0.5066−0.6785i	0.4893+0.3522i
51.6	−2.1000+1.2872i	−1.1223+9.9317i	0.1563−0.2652i	5.4885−5.3283i	0.2958−0.5068i	1.0782−0.3964i	−0.5491−0.8105i	0.5598+0.3481i
51.7	−1.7731+1.3151i	−0.6445+10.2027i	−0.2761−0.1405i	5.7521−5.8417i	0.2156−0.5822i	1.1639−0.4702i	−0.6485−0.9829i	0.6248+0.3074i
51.8	−1.8461+1.1495i	−0.3937+10.2285i	−0.1808−0.0609i	5.8942−6.4150i	0.0635−0.6484i	1.2673−0.5919i	−0.8390−1.0672i	0.6785+0.2818i
51.9	−1.5895+1.0390i	−0.2420+10.4531i	−0.3308+0.2885i	6.0559−7.2700i	−0.1159−0.6591i	1.4334−0.6941i	−1.1571−1.1604i	0.7368+0.2364i
52.0	−1.3014+1.1494i	0.8939+10.6455i	−0.5344+0.4076i	5.1610−8.2697i	−0.2023−0.6243i	1.1777−1.1022i	−1.5317−1.0243i	0.8022+0.1093i
52.1	−1.2467+1.2508i	1.5949+10.5487i	−0.6110+0.3059i	4.1847−8.9340i	−0.1917−0.5444i	0.9018−1.3762i	−1.6926−0.7896i	0.7489+0.0400i
52.2	−1.2396+0.9176i	1.7822+10.2224i	−0.7600+0.8864i	4.0900−8.6939i	−0.2404−0.6326i	0.6107−1.1901i	−1.7745−0.5946i	0.7277+0.0049i
52.3	−0.5926+1.3381i	2.1109+10.3518i	−0.9045+0.8656i	3.6976−9.2443i	−0.4284−0.7611i	0.5208−1.2590i	−1.8916−0.6543i	0.7822−0.0024i
52.4	−0.2887+0.9233i	3.1219+10.1266i	−0.9618+1.1756i	2.4326−9.5781i	−0.6756−0.6165i	0.2069−1.2683i	−2.1534−0.3989i	0.7948−0.1397i
52.5	−0.8686+1.0605i	3.9119+9.9186i	−0.4064+0.7304i	1.4787−9.4647i	−0.6852−0.4213i	−0.0299−1.2908i	−2.2707−0.0936i	0.7517−0.1370i
52.6	−1.0250+1.3013i	3.9443+9.7436i	−0.5981+0.4164i	1.6542−9.3184i	−0.6801−0.2619i	−0.0472−1.2092i	−2.3914+0.1082i	0.7258−0.1533i
52.7	−0.1951+0.8830i	3.9758+9.6734i	−1.1689+1.3180i	1.6976−9.7647i	−0.8924−0.1726i	−0.0474−0.9631i	−2.6191+0.3974i	0.7212−0.2715i
52.8	−0.5674+0.2838i	4.2902+9.6844i	−0.4322+1.7835i	1.1800−10.3645i	−0.8769+0.1285i	0.1206−0.9313i	−2.5505+0.9442i	0.6472−0.3543i
52.9	−0.3837+0.1809i	4.9828+9.3542i	−0.3782+1.7284i	0.0583−10.3078i	−0.7860+0.2540i	−0.0202−1.0106i	−2.3729+1.3360i	0.6495−0.3621i
53.0	−0.4640−0.2282i	5.4225+8.8910i	−0.2478+1.9958i	−0.6281−9.9299i	−0.6995+0.4373i	−0.1594−0.9103i	−2.0719+1.7033i	0.6002−0.3884i
53.1	−0.7275+0.6491i	5.9610+8.8582i	−0.5889+1.3771i	−0.7738−9.9908i	−0.3860+0.4250i	−0.3671−1.0468i	−1.6441+1.8724i	0.6567−0.4439i
53.2	−0.1390−0.0192i	6.2485+8.5272i	−0.6149+2.3157i	−1.4837−10.1749i	−0.3562+0.3998i	−0.2883−0.8734i	−1.2871+1.8404i	0.5443−0.5684i
53.3	−0.4956−0.4078i	6.4673+7.7641i	0.0988+2.5403i	−2.1276−9.7411i	−0.3221+0.3772i	−0.3430−0.8752i	−1.0644+1.7465i	0.4039−0.5371i
53.4	−0.2697−0.3596i	6.7543+7.1128i	−0.1123+2.5446i	−2.8888−8.9882i	−0.1981+0.3526i	−0.5954−0.7105i	−0.8178+1.6721i	0.3826−0.5052i
53.5	0.0724−0.5706i	7.1876+7.0480i	−0.2389+3.0332i	−3.1449−9.1811i	−0.2410+0.2349i	−0.7476−0.6037i	−0.8773+1.6503i	0.4787−0.5314i
53.6	−0.8877−1.0515i	7.4635+6.7505i	1.0692+2.9738i	−3.9696−8.8458i	−0.1552+0.3280i	−0.7151−0.4565i	−0.7409+1.6863i	0.4117−0.5602i
53.7	−0.9220−0.8730i	7.3370+6.4328i	1.1191+2.7043i	−4.2138−8.3595i	−0.1318+0.1992i	−0.6983−0.1876i	−0.6811+1.6187i	0.3941−0.5990i
53.8	−1.0994−1.3582i	7.4626+6.0412i	1.6633+3.1674i	−4.3980−8.0180i	−0.2336+0.1838i	−0.4238+0.0593i	−0.5946+1.6933i	0.3160−0.6866i
53.9	−1.5793−1.3941i	7.8825+5.4687i	2.3376+3.0768i	−4.9299−7.5477i	−0.2811+0.2415i	−0.1759+0.0442i	−0.4126+1.7679i	0.2102−0.7075i
54.0	−1.6357−0.9147i	7.9136+4.8432i	2.1318+2.4129i	−5.2050−6.8345i	−0.2568+0.2336i	−0.2984−0.1110i	−0.2713+1.7072i	0.1987−0.6485i
54.1	−1.8875−0.1877i	7.8042+4.5361i	2.1151+1.1177i	−5.0223−6.1729i	−0.2025+0.2422i	−0.4198−0.2255i	−0.1630+1.6168i	0.2720−0.5977i
54.2	−1.4444−0.7452i	7.9361+4.7707i	1.5084+2.2148i	−4.5917−6.8259i	−0.3161+0.3450i	−0.3280+0.0268i	−0.2285+1.8155i	0.2086−0.8543i
54.3	−1.7389−0.8871i	8.0106+3.9331i	2.1228+2.1441i	−5.3419−5.5142i	−0.2337+0.4103i	−0.1747+0.0689i	0.1000+1.7155i	0.0848−0.7463i
54.4	−1.9850−0.9256i	7.6336+3.6845i	2.7091+2.1485i	−4.9781−5.2786i	−0.2463+0.4247i	−0.0643+0.0184i	0.2378+1.5855i	0.0063−0.7249i
54.5	−2.3427−0.8788i	7.7276+3.2829i	3.3149+1.7948i	−4.9075−5.0271i	−0.2070+0.4538i	−0.0100−0.0401i	0.3263+1.5018i	−0.0803−0.6785i
54.6	−2.4100−1.0724i	7.7681+2.9288i	3.7844+2.1549i	−4.9808−4.7930i	−0.2056+0.4886i	0.1053+0.0952i	0.4449+1.4948i	−0.0943−0.6757i
54.7	−2.4117−0.4330i	7.9110+2.5613i	3.4031+1.0718i	−5.0647−4.4888i	−0.1359+0.4902i	−0.0710+0.0758i	0.5415+1.3609i	−0.0855−0.6818i
54.8	−2.0652−0.0959i	7.8519+2.1045i	2.3596+0.7591i	−4.9124−4.2577i	−0.0221+0.4611i	−0.0797+0.1668i	0.5336+1.2473i	−0.1870−0.7430i
54.9	−2.2415−0.2699i	7.8566+1.9776i	2.6638+1.1091i	−5.1280−4.2136i	0.0266+0.4284i	0.0017+0.0026i	0.6296+1.2810i	−0.3098−0.6841i
55.0	−2.3882−0.0616i	7.8609+1.4731i	2.8972+0.7077i	−5.1839−3.6986i	0.0446+0.4095i	−0.0020+0.0040i	0.7119+1.0982i	−0.3518−0.5952i
55.1	−2.3842−0.0463i	7.5253+1.0797i	3.1049+0.6519i	−4.8636−3.4220i	−0.0173+0.3794i	0.0728+0.0332i	0.6851+0.9667i	−0.3750−0.4976i
55.2	−2.6801−0.0280i	7.5299+1.0278i	3.7531+0.1461i	−4.9660−3.4626i	−0.0697+0.4643i	0.1841−0.0708i	0.6935+0.9160i	−0.3525−0.4503i
55.3	−2.5206+0.0561i	7.2977+0.5520i	3.5811+0.2062i	−4.8167−3.0631i	−0.0638+0.4336i	0.1819−0.0297i	0.7158+0.8512i	−0.3123−0.4291i
55.4	−2.5595+0.2580i	7.3436+0.2457i	3.5149−0.4743i	−5.1111−2.8476i	−0.0549+0.4989i	0.1444−0.1274i	0.7595+0.7769i	−0.2974−0.4038i
55.5	−2.4746+0.3174i	7.4047+0.1961i	2.8445−0.7477i	−5.1322−2.9453i	−0.0099+0.6186i	0.0563−0.0722i	0.7011+0.7979i	−0.3261−0.4806i
55.6	−2.4560+0.3143i	7.1473−0.2227i	2.8651−0.2546i	−5.1748−2.6892i	0.1092+0.5911i	0.1959−0.1048i	0.8264+0.7768i	−0.4862−0.3976i
55.7	−2.6401+0.5138i	7.1302−0.5725i	3.2130−0.6984i	−5.2551−2.3517i	0.1701+0.5798i	0.1233−0.2038i	0.8815+0.6565i	−0.4431−0.3070i
55.8	−2.6736+0.5387i	6.7247−0.8640i	3.4941−1.1115i	−4.8837−1.8567i	0.1750+0.6096i	0.1251−0.2266i	0.8351+0.5276i	−0.4056−0.2709i
55.9	−2.7192+0.6671i	6.5998−1.2497i	3.5728−1.5289i	−4.8921−1.4938i	0.2144+0.6401i	0.0799−0.1938i	0.8386+0.4249i	−0.3735−0.2531i
56.0	−2.6137+0.9205i	6.2346−1.5435i	3.1443−1.8747i	−4.6177−1.3212i	0.2732+0.6118i	0.0321−0.1369i	0.7990+0.3875i	−0.3739−0.3025i

56.1	-2.3609+0.8509i	5.8365-1.6430i	2.8008-1.3819i	-4.4496-1.3134i	0.4114+0.5882i	0.3006-0.1487i	0.7983+0.3961i	-0.5685-0.2478i
56.2	-2.5882+0.8792i	5.5827-1.6627i	3.1677-2.0347i	-4.2824-1.1946i	0.4472+0.5673i	0.1234-0.3188i	0.7665+0.2702i	-0.4474-0.1569i
56.3	-2.4924+0.9396i	5.1945-1.8568i	3.0016-2.4841i	-4.1675-0.6068i	0.5313+0.5895i	0.1079-0.2714i	0.7647+0.2153i	-0.3787-0.1986i
56.4	-2.4747+1.0158i	4.8423-1.9217i	2.7333-2.9475i	-3.9792-0.2831i	0.6364+0.5708i	0.0883-0.2783i	0.6974+0.1349i	-0.4022-0.1785i
56.5	-2.5384+0.9668i	4.7109-1.8427i	2.7701-2.9156i	-3.4186-0.2703i	0.6848+0.5033i	0.1404-0.2690i	0.6609+0.1226i	-0.4267-0.1717i
56.6	-2.5470+1.1577i	4.4516-1.9278i	2.5472-3.2524i	-2.9467-0.3491i	0.7033+0.3940i	0.1299-0.2952i	0.6376+0.0746i	-0.4524-0.1406i
56.7	-2.4339+1.2509i	4.0574-1.8192i	1.9483-3.6175i	-3.0035-0.6089i	0.7606+0.3768i	0.0934-0.2958i	0.5859+0.0548i	-0.4553-0.1595i
56.8	-2.2780+1.2236i	3.6509-1.7412i	1.6231-3.6879i	-2.9171-0.3769i	0.7992+0.3384i	0.1185-0.2640i	0.5324+0.0044i	-0.4629-0.1034i
56.9	-2.2125+1.3699i	3.4229-1.6934i	1.1206-3.7350i	-2.8306-0.3803i	0.7828+0.2047i	0.0456-0.2721i	0.4843-0.0264i	-0.4985-0.0504i
57.0	-2.2740+1.4072i	3.4949-1.6360i	1.0779-3.7339i	-2.5531-0.3296i	0.8098+0.0970i	0.0890-0.2947i	0.4617-0.0283i	-0.5255-0.0316i
57.1	-2.1545+1.4780i	3.2298-1.6080i	0.6409-3.7899i	-2.1544-0.1587i	0.8477-0.0287i	0.1345-0.3028i	0.4251-0.0695i	-0.5680+0.0637i
57.2	-1.9420+1.5776i	3.1861-1.3176i	-0.0041-3.5624i	-2.1740-0.4163i	0.8350-0.0994i	0.2139-0.2886i	0.4140-0.0314i	-0.6145+0.1074i
57.3	-2.0126+1.1718i	3.0560-1.0251i	0.4174-3.3080i	-1.8746-0.5284i	0.7058-0.1879i	-0.0115-0.6178i	0.3847-0.1082i	-0.4384+0.3145i
57.4	-2.0517+1.3293i	2.7613-1.0450i	0.0728-4.0824i	-1.7272-0.3822i	0.7316-0.1632i	-0.0924-0.4809i	0.2925-0.0812i	-0.3822+0.1821i
57.5	-1.8710+1.3274i	2.7933-0.9000i	-0.2950-3.8395i	-1.8249-0.4585i	0.6657-0.1864i	-0.0371-0.3828i	0.2516-0.0879i	-0.3951+0.1595i
57.6	-1.9123+1.3702i	2.8824-0.8823i	-0.7492-3.7098i	-1.4983-0.5858i	0.6425-0.2648i	-0.0603-0.3855i	0.2077-0.0703i	-0.4010+0.2271i
57.7	-1.7797+1.3361i	2.8134-0.7335i	-1.1077-3.4583i	-1.5656-0.6671i	0.5905-0.3114i	-0.1034-0.3669i	0.2126-0.0317i	-0.3655+0.2377i
57.8	-1.7728+1.2935i	2.6547-0.7385i	-1.4059-3.4963i	-1.2570-0.5287i	0.5378-0.3295i	-0.1177-0.3846i	0.1564-0.0332i	-0.3285+0.2618i
57.9	-1.7496+1.3298i	2.6574-0.6868i	-1.7050-3.1555i	-1.1919-0.8098i	0.4828-0.3555i	-0.1452-0.3527i	0.1178-0.0000i	-0.3463+0.2899i
58.0	-1.7276+1.1691i	2.6461-0.5289i	-1.9534-2.8924i	-1.2591-0.5558i	0.4759-0.3150i	-0.1098-0.3284i	0.0853+0.0137i	-0.3380+0.2977i
58.1	-1.8066+1.1095i	2.8290-0.3403i	-2.0145-2.5928i	-1.3405-0.8759i	0.4498-0.2903i	-0.1005-0.2575i	0.1095+0.0645i	-0.3339+0.3121i
58.2	-1.8183+1.0501i	2.8073-0.3766i	-2.0125-2.6264i	-1.1697-0.7860i	0.4698-0.3059i	-0.0651-0.2673i	0.1043+0.0938i	-0.3334+0.3646i
58.3	-1.8676+1.0504i	2.7760-0.3366i	-2.2486-2.3643i	-0.9078-0.9727i	0.4475-0.3936i	-0.0659-0.3681i	0.1008+0.0873i	-0.3458+0.4225i
58.4	-1.9844+0.8252i	2.9226-0.1785i	-2.0729-1.6702i	-0.8282-1.2488i	0.4034-0.4109i	-0.0380-0.4777i	0.1238+0.1301i	-0.2861+0.5192i
58.5	-2.2322+1.1031i	2.9727-0.2155i	-1.8480-2.3448i	-0.8390-1.2016i	0.3449-0.4177i	-0.3021-0.4396i	0.0750+0.1089i	-0.0988+0.4695i
58.6	-2.1365+1.2837i	2.9444-0.1797i	-2.4332-2.1577i	-1.0084-1.5240i	0.2728-0.4539i	-0.3376-0.3284i	0.1367+0.1960i	-0.0404+0.5286i
58.7	-2.1972+1.3284i	2.9982-0.2323i	-2.7694-1.9093i	-0.8634-1.5256i	0.1788-0.3601i	-0.4749-0.1393i	0.1496+0.0802i	0.0670+0.4845i
58.8	-2.2206+1.3561i	3.0010-0.2443i	-2.9987-1.8437i	-0.8146-1.6629i	0.2273-0.4367i	-0.3824-0.2742i	0.0964+0.2683i	0.1139+0.5876i
58.9	-2.2723+1.4127i	2.9912-0.2613i	-3.0358-1.6855i	-0.6548-1.9822i	0.1973-0.4668i	-0.3947-0.2798i	0.1149+0.2850i	0.1941+0.5438i
59.0	-2.3412+1.4963i	3.1006-0.2442i	-3.0990-1.2447i	-0.6173-2.2039i	0.2506-0.5198i	-0.3350-0.2339i	0.2054+0.3809i	0.2542+0.4617i
59.1	-2.3255+1.5492i	3.1201-0.2492i	-3.2260-1.0020i	-0.6600-2.2412i	0.0814-0.4265i	-0.3767-0.0588i	0.1915+0.3151i	0.3010+0.3120i
59.2	-2.2847+1.5313i	3.1802-0.1469i	-3.1433-0.8408i	-0.8005-2.3840i	0.1135-0.3836i	-0.2749-0.0365i	0.2559+0.3932i	0.2535+0.2550i
59.3	-2.2742+1.5176i	3.1110-0.1282i	-3.1642-0.6992i	-0.7830-2.2870i	0.1383-0.3465i	-0.1807+0.0142i	0.2805+0.3579i	0.2148+0.1956i
59.4	-2.3384+1.5288i	3.1714-0.2170i	-3.1747-0.6083i	-0.7149-2.3973i	0.1018-0.3307i	-0.1493-0.0427i	0.3010+0.3681i	0.1708+0.1451i
59.5	-2.2996+1.6015i	3.3031-0.2713i	-3.1140-0.3958i	-1.1331-2.5686i	0.1021-0.3117i	-0.1428-0.0359i	0.3708+0.3531i	0.1599+0.1315i
59.6	-2.2428+1.6309i	3.3965-0.1847i	-3.0361-0.0995i	-1.4307-2.5669i	0.1082-0.2419i	-0.0857-0.0205i	0.3963+0.3660i	0.1300+0.1019i
59.7	-2.3319+1.6336i	3.4976-0.2364i	-3.0627-0.0009i	-1.0459-2.6874i	0.0848-0.2139i	-0.0635-0.0910i	0.4050+0.3933i	0.0811+0.0694i
59.8	-2.3895+1.8295i	3.5302-0.2053i	-3.2534+0.3859i	-1.1588-2.9391i	-0.0634-0.1656i	-0.1372-0.0852i	0.4062+0.4108i	0.0968+0.0866i
59.9	-2.4750+1.9577i	3.5357-0.4145i	-3.1829+0.5101i	-0.9885-2.9017i	0.1148-0.1074i	-0.0243+0.0179i	0.6250+0.5743i	0.0907+0.0637i
60.0	-2.4770+2.1836i	14.0297-1.0681i	6.8219+0.2977i	2.1325-2.8909i	0.0617-0.2344i	0.0431-0.1118i	0.6249+0.4318i	0.0990+0.0851i
60.1	-2.4932+2.0147i	3.7482-0.2346i	-2.9818+1.1723i	-1.7978-2.6774i	0.1292-0.2189i	0.0572-0.1399i	0.7113+0.3455i	-0.0013+0.1139i
60.2	-2.4122+2.1852i	3.6440-0.2915i	-2.9843+1.4207i	-1.3825-3.2526i	0.1324-0.1935i	0.0546-0.1359i	0.8146+0.3035i	0.0081+0.1337i
60.3	-2.3215+2.2679i	3.5358-0.5358i	-3.0618+1.4444i	-1.8793-3.0258i	0.1195-0.2118i	0.1135-0.1834i	0.8740+0.2255i	0.0074+0.1370i
60.4	-2.3927+2.1582i	3.7252-0.5692i	-2.8248+1.5382i	-1.8577-3.0123i	0.1631-0.2467i	0.1861-0.2682i	0.9324+0.1942i	-0.0296+0.1432i
60.5	-2.4162+2.2621i	3.7755-0.6785i	-2.6716+1.7177i	-1.6342-2.9385i	0.1676-0.2525i	0.1910-0.3288i	1.0513+0.0597i	-0.0712+0.1690i
60.6	-2.3553+2.3249i	3.7918-0.8659i	-2.4027+1.6082i	-1.9377-3.2530i	0.2251-0.2532i	0.2444-0.4483i	1.1378-0.1606i	-0.1152+0.2420i
60.7	-2.6275+2.3915i	4.1740-0.9294i	-2.3321+1.7097i	-1.5173-3.1150i	0.2394-0.4115i	0.2486-0.6748i	1.1433-0.3821i	-0.1370+0.3962i
60.8	-2.4878+2.5980i	4.1177-0.9709i	-2.0556+2.0123i	-1.8929-3.5675i	0.1335-0.5022i	0.0422-0.7722i	0.9800-0.5929i	0.0112+0.5032i
60.9	-2.3077+2.6979i	4.0778-1.0715i	-1.7805+2.0488i	-2.4537-3.5869i	0.0443-0.5076i	-0.1782-0.8077i	0.7679-0.6800i	0.1597+0.5056i
61.0	-2.3949+2.7714i	4.2008-1.2140i	-1.7727+2.0788i	-2.3390-3.4557i	-0.0615-0.4763i	-0.2996-0.7636i	0.6305-0.6457i	0.2665+0.4814i
61.1	-2.3545+2.9568i	4.0644-1.3846i	-1.7487+2.0482i	-2.4047-3.6735i	-0.1401-0.4210i	-0.4214-0.7708i	0.5780-0.6179i	0.3287+0.4029i
61.2	-2.4233+3.0492i	4.2526-1.5161i	-1.5941+2.0878i	-2.5185-3.7883i	-0.1662-0.3961i	-0.4789-0.8329i	0.5312-0.6527i	0.3374+0.3844i
61.3	-2.2239+3.1579i	4.1566-1.6631i	-1.3316+2.2994i	-2.6407-3.7173i	-0.1894-0.3070i	-0.5773-0.6884i	0.4788-0.6637i	0.3429+0.3614i
61.4	-2.2018+3.2122i	4.1929-1.8100i	-1.2405+2.2384i	-2.7860-3.5049i	-0.2061-0.2769i	-0.6264-0.6726i	0.4152-0.6798i	0.3723+0.3149i
61.5	-2.1944+3.2773i	4.1680-1.9069i	-1.1345+2.2166i	-2.8608-3.5047i	-0.2047-0.2374i	-0.6807-0.6948i	0.3783-0.7063i	0.3957+0.3246i
61.6	-2.0441+3.4165i	3.9865-2.1078i	-0.9719+2.1733i	-2.9974-3.7567i	-0.1936-0.1691i	-0.7603-0.5847i	0.3268-0.7402i	0.4678+0.3053i
61.7	-1.9146+3.6188i	3.9716-2.3859i	-0.8149+2.0992i	-3.2813-3.8834i	-0.2239-0.0913i	-0.8507-0.5461i	0.2553-0.7706i	0.4587+0.2171i
61.8	-1.7772+3.6993i	3.8032-2.4409i	-0.9146+2.0518i	-3.6057-3.8046i	-0.1951-0.0526i	-0.9536-0.4903i	0.1798-0.7557i	0.4433+0.1760i
61.9	-1.5663+3.6930i	3.7563-2.4689i	-0.7570+2.1425i	-3.9627-3.5883i	-0.1367+0.0107i	-1.0181-0.3045i	0.1011-0.7695i	0.4290+0.1719i
62.0	-1.4583+3.7214i	3.7829-2.6206i	-0.5931+2.0912i	-4.3616-3.3130i	-0.1102+0.0265i	-1.0204-0.2956i	-0.0375-0.7336i	0.5325+0.1749i
62.1	-1.3942+3.8099i	3.6425-2.8177i	-0.6421+2.0061i	-4.1655-3.2644i	-0.1533+0.0629i	-1.0864-0.2561i	-0.0746-0.6447i	0.5881+0.0637i
62.2	-1.1526+3.8389i	3.4046-2.9733i	-0.4837+1.9998i	-4.3540-3.1374i	-0.1281+0.1352i	-1.1164-0.0999i	-0.0932-0.5981i	0.5773-0.0236i
62.3	-1.0002+3.8707i	3.2363-3.0952i	-0.4613+2.0228i	-4.5112-2.9043i	-0.0146+0.1736i	-1.1981+0.0586i	-0.1262-0.5701i	0.5559-0.0999i

62.4	−1.0228+4.0318i	3.1733−3.2958i	−0.4904+1.9819i	−4.4897−3.0923i	0.0609+0.2105i	−1.2572+0.0952i	−0.1339−0.5508i	0.5805−0.1405i
62.5	−0.8017+4.1266i	2.9130−3.4310i	−0.4829+1.7983i	−4.9580−2.9757i	0.0851+0.2201i	−1.2253+0.2657i	−0.1824−0.5677i	0.5619−0.1590i
62.6	−0.5689+3.9918i	2.6875−3.4032i	−0.5338+1.9328i	−4.7341−2.4718i	0.2302+0.2178i	−1.1177+0.3812i	−0.2286−0.4849i	0.5136−0.2204i
62.7	−0.5145+3.9946i	2.6498−3.3909i	−0.5434+2.0497i	−4.7791−2.4168i	0.3166+0.1817i	−1.0609+0.4310i	−0.2165−0.4958i	0.4524−0.2583i
62.8	−0.3533+3.9381i	2.4949−3.3750i	−0.5292+2.0187i	−5.0555−2.3163i	0.3614+0.1460i	−1.0179+0.5869i	−0.2672−0.4624i	0.4307−0.2692i
62.9	−0.2257+3.8066i	2.2964−3.3326i	−0.4671+2.0311i	−5.0049−2.1351i	0.4722+0.0442i	−0.8910+0.6434i	−0.3006−0.4338i	0.4160−0.2805i
63.0	−0.0100+3.8039i	2.1372−3.3718i	−0.3191+2.0576i	−5.2516−2.0593i	0.5348−0.0550i	−0.8213+0.7381i	−0.3226−0.4329i	0.3728−0.2578i
63.1	0.0352+3.7782i	2.0412−3.3597i	−0.4104+2.1459i	−5.1394−1.7810i	0.4988−0.1168i	−0.8008+0.8237i	−0.3223−0.3861i	0.3448−0.2557i
63.2	0.0869+3.7798i	1.8723−3.3671i	−0.4716+2.2319i	−5.0142−1.7448i	0.5094−0.1860i	−0.7455+0.8764i	−0.3264−0.3125i	0.3504−0.2875i
63.3	0.2637+3.6500i	1.6989−3.1632i	−0.4360+2.4242i	−5.2193−1.8489i	0.5465−0.2869i	−0.6569+0.9801i	−0.3527−0.3148i	0.3545−0.2750i
63.4	0.2873+3.5321i	1.5886−3.0988i	−0.4161+2.4051i	−5.0394−1.6018i	0.4930−0.3600i	−0.5283+0.9610i	−0.3713−0.2590i	0.3491−0.3319i
63.5	0.3212+3.5439i	1.5470−3.1483i	−0.4490+2.5061i	−5.1027−1.4160i	0.4579−0.3940i	−0.4253+0.9560i	−0.3729−0.1953i	0.3377−0.4062i
63.6	0.5079+3.3705i	1.4585−2.9799i	−0.3555+2.6236i	−5.2516−1.1969i	0.3861−0.4173i	−0.2873+1.0137i	−0.4178−0.1570i	0.3412−0.4084i
63.7	0.5565+3.2760i	1.3983−2.9017i	−0.1373+2.7780i	−5.3169−1.1473i	0.3368−0.4659i	−0.2148+1.0002i	−0.4521−0.1057i	0.3001−0.4324i
63.8	0.4597+3.1795i	1.3959−2.8327i	−0.0251+2.8826i	−5.0121−1.2330i	0.3251−0.4896i	−0.1720+0.9566i	−0.4120−0.0611i	0.2321−0.3965i
63.9	0.5034+3.0910i	1.3468−2.8313i	0.1354+2.7361i	−4.9413−0.9669i	0.2547−0.4809i	−0.1059+0.9731i	−0.3723+0.0176i	0.1991−0.4165i
64.0	0.6135+3.0995i	1.2324−2.8656i	0.1514+2.8764i	−5.1108−0.8165i	0.2693−0.5174i	−0.0204+1.0141i	−0.3563+0.0789i	0.1533−0.4118i
64.1	0.7230+2.9429i	1.1992−2.7509i	0.3500+2.9163i	−5.1969−0.7180i	0.2320−0.5591i	0.1284+0.9641i	−0.3121+0.1525i	0.1152−0.4170i
64.2	0.6810+2.8967i	1.2171−2.7508i	0.5957+2.9137i	−5.1749−0.7973i	0.1545−0.6002i	0.2287+0.8764i	−0.2727+0.1760i	0.1179−0.4016i
64.3	0.5526+2.8984i	1.2703−2.7284i	0.6188+3.1373i	−5.1269−0.7985i	0.1769−0.6303i	0.3137+0.8121i	−0.1865+0.2245i	0.0789−0.4066i
64.4	0.6803+2.7867i	1.2193−2.6098i	0.7177+3.2312i	−5.2353−0.5021i	0.0957−0.6575i	0.4285+0.7000i	−0.0682+0.2978i	0.0554−0.4473i
64.5	0.6689+2.6855i	1.2067−2.5731i	0.8807+3.0816i	−5.1603−0.3607i	0.0186−0.6100i	0.3825+0.5480i	−0.0031+0.2546i	0.0241−0.4322i
64.6	0.6909+2.6817i	1.2649−2.6544i	1.2768+3.0718i	−5.4240−0.1324i	−0.0391−0.5782i	0.4278+0.4871i	0.0719+0.2060i	−0.0143−0.4064i
64.7	0.7113+2.6220i	1.2127−2.5881i	1.4562+3.1873i	−5.4702−0.0534i	−0.0958−0.5697i	0.4514+0.4876i	0.1544+0.1649i	−0.0788−0.3873i
64.8	0.6370+2.5495i	1.1669−2.5376i	1.4760+3.2186i	−5.5471−0.0801i	−0.0877−0.5553i	0.4300+0.4499i	0.2117+0.1346i	−0.1230−0.3448i
64.9	0.6241+2.4920i	1.1186−2.5818i	1.6061+3.0419i	−5.5632+0.1827i	−0.0966−0.5231i	0.4152+0.3208i	0.2386+0.0865i	−0.1467−0.3354i
65.0	0.6174+2.4179i	1.1872−2.6006i	1.8609+2.9197i	−5.4712+0.5870i	−0.1175−0.4875i	0.4046+0.2533i	0.2874+0.0138i	−0.1544−0.2938i
65.1	0.5569+2.3363i	1.1876−2.5141i	2.0828+2.9974i	−5.3402+0.7236i	−0.0812−0.4857i	0.3687+0.2506i	0.3507−0.0570i	−0.1795−0.2219i
65.2	0.5299+2.3478i	1.1012−2.5146i	2.1426+2.9454i	−5.3357+0.6757i	−0.0765−0.4885i	0.2990+0.2250i	0.3328−0.1267i	−0.1838−0.1537i
65.3	0.5009+2.3418i	1.0997−2.5347i	2.4295+2.7110i	−5.3853+0.9392i	−0.1062−0.4713i	0.3325+0.1716i	0.3005−0.2229i	−0.1443−0.0981i
65.4	0.4484+2.3707i	1.1773−2.6151i	2.6876+2.5769i	−5.3336+0.9993i	−0.0838−0.4748i	0.3453+0.1177i	0.2750−0.3256i	−0.0972−0.0130i
65.5	0.4962+2.3754i	1.0648−2.6742i	2.7780+2.3447i	−5.1945+1.0624i	−0.0761−0.4867i	0.3124+0.0751i	0.2034−0.3733i	−0.0293−0.0057i
65.6	0.5047+2.4200i	0.9907−2.7177i	2.9081+2.1305i	−5.3357+1.1678i	−0.1189−0.4859i	0.2496+0.0465i	0.1523−0.3894i	0.0451−0.0113i
65.7	0.5151+2.4632i	1.0034−2.7985i	3.1316+1.9411i	−5.2595+1.3506i	−0.1589−0.5164i	0.2105+0.0177i	0.1152−0.4727i	0.1292−0.0286i
65.8	0.5721+2.4360i	0.8838−2.7461i	3.1331+1.7159i	−5.0331+1.6293i	−0.1476−0.5143i	0.1332−0.0099i	0.0631−0.5306i	0.1391−0.0790i
65.9	0.4737+2.4623i	0.8715−2.7744i	3.1070+1.5541i	−5.0588+1.6290i	−0.1640−0.5502i	0.1079+0.0459i	−0.0189−0.5558i	0.1567−0.0990i
66.0	0.4997+2.5725i	0.8420−2.9118i	3.2513+1.4045i	−4.9583+1.7569i	−0.2068−0.5546i	0.1240+0.1360i	−0.1334−0.6310i	0.2082−0.1112i
66.1	0.5848+2.6314i	0.7738−2.9603i	3.3402+1.2015i	−5.0144+1.8674i	−0.2715−0.5884i	0.0947+0.1692i	−0.2462−0.6426i	0.2118−0.1530i
66.2	0.6059+2.5147i	0.7189−2.8777i	3.2211+0.9717i	−4.8615+1.9124i	−0.2941−0.6096i	0.0874+0.1492i	−0.3219−0.5977i	0.2143−0.1906i
66.3	0.6480+2.4724i	0.6572−2.9191i	3.1728+0.7015i	−4.5851+2.0248i	−0.3465−0.6450i	0.1047+0.1010i	−0.4276−0.5478i	0.2271−0.2642i
66.4	0.6980+2.4106i	0.5060−2.8806i	3.1509+0.4634i	−4.8183+2.1978i	−0.4393−0.6245i	0.1525+0.0872i	−0.5485−0.4514i	0.1942−0.2865i
66.5	0.7255+2.4997i	0.4332−2.9142i	3.1659+0.4324i	−4.7699+2.3696i	−0.4819−0.5935i	0.1720+0.1077i	−0.6091−0.3739i	0.2173−0.3141i
66.6	0.7387+2.4995i	0.4634−2.9395i	3.1520+0.3506i	−4.4843+2.4324i	−0.5407−0.5768i	0.2123+0.0869i	−0.6602−0.3000i	0.2212−0.3872i
66.7	0.8470+2.3692i	0.4126−2.8748i	3.0730+0.0977i	−4.0868+2.7265i	−0.5965−0.5163i	0.1915+0.0379i	−0.6499−0.1548i	0.1697−0.4486i
66.8	0.7195+2.3732i	0.3256−2.8733i	2.8808+0.1324i	−3.9364+2.5912i	−0.6191−0.4528i	0.1074+0.0756i	−0.5945−0.1124i	0.1184−0.4256i
66.9	0.7955+2.4110i	0.1321−2.8816i	2.7760+0.0018i	−3.8009+2.6141i	−0.6093−0.4053i	0.1449+0.0498i	−0.5809−0.0246i	0.1192−0.4470i
67.0	0.8686+2.3739i	0.1728−2.8669i	2.7643−0.2280i	−3.5897+2.8809i	−0.6907−0.3381i	0.1887+0.0073i	−0.5824+0.0439i	0.0434−0.5098i
67.1	0.8953+2.3891i	0.0695−2.8588i	2.6578−0.2953i	−3.5322+2.9322i	−0.6760−0.2485i	0.1821+0.0151i	−0.5687+0.1119i	0.0257−0.5305i
67.2	0.9349+2.4421i	−0.0630−2.8383i	2.6133−0.3231i	−3.6447+2.7414i	−0.6737−0.2210i	0.1517+0.0206i	−0.5455+0.1632i	0.0195−0.5104i
67.3	0.9351+2.3445i	−0.1596−2.7482i	2.4435−0.3546i	−3.3286+2.6125i	−0.6901−0.1674i	0.0620+0.0197i	−0.4748+0.1886i	−0.0743−0.4923i
67.4	1.0735+2.3433i	−0.2783−2.7510i	2.3926−0.4412i	−3.2899+2.7709i	−0.6962−0.1174i	0.0713−0.0021i	−0.4582+0.2576i	−0.0769−0.5561i
67.5	1.0430+2.3070i	−0.2751−2.6512i	2.3279−0.4837i	−3.4007+2.8943i	−0.7193−0.0735i	0.0421−0.0216i	−0.3937+0.2987i	−0.1343−0.5598i
67.6	0.9128+2.1566i	−0.2555−2.5039i	2.1445−0.3913i	−3.2126+2.8766i	−0.6803−0.0346i	−0.0610−0.0187i	−0.3145+0.3156i	−0.1992−0.5261i
67.7	0.9938+2.2495i	−0.2979−2.5178i	2.1353−0.3638i	−3.2326+2.8525i	−0.6474+0.0448i	−0.0403+0.0253i	−0.2854+0.3341i	−0.2078−0.5416i
67.8	1.1776+2.2109i	−0.3887−2.4689i	2.1157−0.4502i	−3.0506+2.9364i	−0.5902+0.1104i	0.0134−0.0123i	−0.2191+0.3546i	−0.2396−0.5670i
67.9	1.2197+2.2236i	−0.4481−2.4135i	2.1019−0.4178i	−3.0181+2.8645i	−0.6316+0.1605i	−0.0393+0.0242i	−0.1801+0.3538i	−0.2688−0.5576i
68.0	1.1275+2.1904i	−0.4355−2.3769i	2.0299−0.4144i	−2.9262+2.8247i	−0.6175+0.2159i	−0.0869+0.0916i	−0.0982+0.3251i	−0.3506−0.5328i
68.1	1.2492+2.0058i	−0.5361−2.2686i	1.9183−0.4803i	−2.7115+2.8168i	−0.5096+0.2842i	−0.1246+0.0624i	−0.0250+0.3118i	−0.4270−0.5167i
68.2	1.3198+1.9297i	−0.6220−2.2010i	1.8544−0.4270i	−2.5690+2.6658i	−0.4427+0.2950i	−0.1585+0.0576i	0.0227+0.2461i	−0.4707−0.4525i
68.3	1.3466+1.9532i	−0.6567−2.1656i	1.8759−0.3604i	−2.7767+2.6849i	−0.3299+0.3208i	−0.1497+0.1534i	0.0208+0.1698i	−0.5044−0.3650i
68.4	1.3776+1.9389i	−0.6744−2.0909i	1.8613−0.3390i	−2.7337+2.9482i	−0.2153+0.3434i	−0.0700+0.2110i	−0.0105+0.1391i	−0.4881−0.3341i
68.5	1.2928+1.9325i	−0.6031−2.0166i	1.8616−0.2554i	−2.5995+3.0775i	−0.1946+0.2920i	−0.0715+0.2747i	−0.0418+0.1437i	−0.4566−0.2754i
68.6	1.3085+1.8272i	−0.6171−1.9158i	1.8618−0.1879i	−2.5017+2.9145i	−0.2046+0.2213i	−0.1021+0.2432i	−0.0029+0.1669i	−0.4694−0.2851i

68.7	1.3385+1.7367i	-0.6457-1.9007i	1.8993-0.2094i	-2.4273+2.7979i	-0.1557+0.2298i	-0.0432+0.2475i	0.0372+0.1524i	-0.4921-0.2517i
68.8	1.3629+1.6119i	-0.6905-1.8530i	1.9085-0.2595i	-2.3767+2.8575i	-0.1136+0.1929i	-0.0053+0.2838i	0.0641+0.1433i	-0.5096-0.2290i
68.9	1.2650+1.6303i	-0.6460-1.7798i	1.9621-0.1966i	-2.3693+3.0522i	-0.0703+0.1474i	0.0405+0.3412i	0.1015+0.0983i	-0.4791-0.1818i
69.0	1.1057+1.6637i	-0.6514-1.7521i	2.0379-0.1740i	-2.4493+2.9175i	-0.0640+0.1720i	0.0422+0.3753i	0.1211+0.1097i	-0.4825-0.1425i
69.1	1.0918+1.6156i	-0.6151-1.7581i	2.1179-0.2284i	-2.2276+2.9953i	-0.0625+0.1077i	0.0941+0.2938i	0.1399+0.0693i	-0.5018-0.1211i
69.2	1.1241+1.5547i	-0.5728-1.6492i	2.0876-0.1824i	-1.9807+3.1397i	-0.0060+0.0116i	0.1259+0.2944i	0.1558-0.0177i	-0.4567-0.1136i
69.3	1.0521+1.6395i	-0.6645-1.6142i	2.0982-0.2031i	-2.1509+3.0360i	0.0425-0.0337i	0.0907+0.2890i	0.1902-0.0611i	-0.4423-0.0846i
69.4	1.0573+1.8447i	-0.6217-1.5951i	2.2133-0.3645i	-1.9835+3.3387i	0.0566-0.1304i	0.1337+0.3761i	0.1977-0.1589i	-0.4366-0.0681i
69.5	0.8623+1.5886i	-0.5386-1.4897i	2.2305-0.3844i	-1.8859+3.1369i	-0.0660-0.2303i	0.1651+0.3452i	0.1309-0.1397i	-0.4392-0.1100i
69.6	0.6402+1.7469i	-0.5485-1.4996i	2.1903-0.3781i	-1.8125+3.0958i	-0.1974-0.2154i	0.1796+0.3012i	0.1128-0.1044i	-0.4600-0.1099i
69.7	1.1785+1.9468i	-0.5936-1.4141i	2.2408-0.4245i	-1.3126+3.3192i	-0.1963-0.2478i	0.2989+0.2140i	0.0679-0.2211i	-0.4546-0.0355i
69.8	1.2588+1.6847i	-0.5598-1.3445i	2.2831-0.4609i	-1.2472+3.0756i	-0.2608-0.2777i	0.2303+0.0902i	0.0567-0.2654i	-0.4828-0.0357i
69.9	1.1401+1.8615i	-0.5347-1.3654i	2.3142-0.4535i	-1.3504+3.1050i	-0.3191-0.2250i	0.1423+0.1888i	0.0474-0.3155i	-0.5046+0.0066i
70.0	1.0157+1.8376i	-0.4477-1.2999i	2.4289-0.5252i	-1.4571+2.9662i	-0.4016-0.1463i	0.0899+0.2820i	0.0196-0.2773i	-0.5286+0.0265i
70.1	1.1751+1.8375i	-0.4390-1.3128i	2.4707-0.6166i	-1.2498+3.0540i	-0.4326-0.1004i	0.1572+0.3249i	-0.0081-0.2967i	-0.5328+0.0466i
70.2	1.0196+1.9113i	-0.4495-1.2875i	2.4310-0.6743i	-1.3512+2.9369i	-0.4223-0.0008i	0.1546+0.3969i	0.0131-0.3101i	-0.5658+0.1173i
70.3	1.0603+1.7507i	-0.3996-1.2446i	2.5578-0.7714i	-1.2691+2.8455i	-0.4425+0.0005i	0.1775+0.3488i	-0.0586-0.3148i	-0.5651+0.1379i
70.4	1.0320+2.0135i	-0.4090-1.2771i	2.6081-0.9187i	-1.3047+2.9861i	-0.4306+0.0577i	0.2237+0.3796i	-0.1039-0.3452i	-0.5534+0.2087i
70.5	1.0611+2.4834i	-0.3663-1.2891i	2.5764-1.0527i	-1.4130+3.2200i	-0.3467+0.1504i	0.3475+0.4790i	-0.0847-0.4509i	-0.5765+0.3618i
70.6	0.9996+2.1345i	-0.3208-1.2744i	2.5973-1.1797i	-1.4917+2.9977i	-0.3751+0.1663i	0.3286+0.3903i	-0.1464-0.3817i	-0.5681+0.3560i
70.7	1.2892+2.1531i	-0.3545-1.2469i	2.4925-1.1800i	-1.1259+3.0437i	-0.2917+0.1671i	0.4210+0.3928i	-0.2145-0.4085i	-0.4491+0.4178i
70.8	1.8798+2.0947i	-0.3730-1.1688i	2.4471-1.1894i	-0.6799+3.2319i	-0.2136+0.0932i	0.5865+0.3281i	-0.3246-0.4202i	-0.3174+0.4479i
70.9	1.6891+2.1090i	-0.3690-1.2373i	2.4755-1.4562i	-0.9368+3.1833i	-0.1860+0.1611i	0.5838+0.2319i	-0.3424-0.3947i	-0.3363+0.4755i
71.0	1.6278+2.1044i	-0.3394-1.2453i	2.5037-1.5638i	-0.9894+3.0596i	-0.1672+0.1523i	0.5661+0.1874i	-0.3849-0.3668i	-0.2928+0.5038i
71.1	1.9249+1.7201i	-0.3064-1.1333i	2.4192-1.3851i	-0.5969+2.8608i	-0.1759+0.0286i	0.5652+0.0592i	-0.4127-0.3189i	-0.1858+0.4087i
71.2	2.0074+1.7323i	-0.2997-1.0949i	2.3192-1.5236i	-0.4930+3.0913i	-0.1187+0.0214i	0.5932+0.0115i	-0.4392-0.3184i	-0.1278+0.4304i
71.3	2.0570+1.6825i	-0.3147-1.1302i	2.3089-1.6274i	-0.2905+3.0602i	-0.1102+0.0108i	0.5752-0.0199i	-0.4476-0.2823i	-0.0825+0.4088i
71.4	2.0439+1.5818i	-0.3069-1.1269i	2.3619-1.5959i	-0.1824+2.9251i	-0.1346-0.0229i	0.4975-0.0224i	-0.4226-0.2822i	-0.0733+0.4090i
71.5	1.9641+1.6867i	-0.2759-1.1212i	2.3042-1.7108i	-0.3047+3.0252i	-0.1148-0.0055i	0.4685-0.0063i	-0.4549-0.2739i	-0.0494+0.4323i
71.6	1.9894+1.4065i	-0.2525-1.1474i	2.3769-1.8710i	-0.1711+2.7721i	-0.1753-0.0407i	0.4580-0.0202i	-0.5615-0.2728i	-0.0190+0.4249i
71.7	2.1733+1.0717i	-0.2261-1.0878i	2.3942-1.7318i	0.1195+2.5378i	-0.2788-0.1358i	0.4184-0.1116i	-0.5576-0.2771i	-0.0472+0.3055i
71.8	2.1138+0.9199i	-0.2228-1.0856i	2.4319-1.8979i	0.1567+2.4278i	-0.3473-0.1382i	0.3924-0.1461i	-0.5770-0.2127i	-0.0749+0.2668i
71.9	2.1190+0.9371i	-0.1820-1.0953i	2.5143-1.9489i	0.1916+2.4269i	-0.3523-0.1397i	0.4210-0.0773i	-0.6444-0.2855i	-0.0354+0.3208i
72.0	2.2306+0.9247i	-0.1502-1.0689i	2.5834-1.9688i	0.2540+2.4866i	-0.3270-0.1713i	0.4867-0.0702i	-0.6922-0.3055i	0.0076+0.3286i
72.1	2.1625+0.6679i	-0.1410-1.0439i	2.5019-2.1446i	0.3354+2.2649i	-0.4050-0.1493i	0.4376-0.0939i	-0.7412-0.2758i	0.0134+0.3257i
72.2	2.1725+0.6382i	-0.1033-1.0029i	2.5762-2.1019i	0.2750+2.2396i	-0.4179-0.1759i	0.4551-0.1036i	-0.8097-0.2920i	0.0112+0.3536i
72.3	2.1758+0.5166i	-0.1017-1.0169i	2.4695-2.4018i	0.3288+2.1422i	-0.4632-0.1394i	0.4705-0.1912i	-0.8605-0.1629i	0.0545+0.2954i
72.4	2.1264+0.3254i	-0.0639-1.0142i	2.5076-2.5978i	0.4397+1.9996i	-0.5296-0.0960i	0.4587-0.1498i	-0.9354-0.1305i	0.0992+0.3510i
72.5	1.9180+0.2285i	-0.0576-1.0212i	2.4649-2.6541i	0.3299+1.9245i	-0.5780-0.0237i	0.4070-0.1392i	-0.9532-0.0425i	0.1085+0.3187i
72.6	1.7437+0.1085i	0.0232-1.0101i	2.4414-2.7488i	0.2746+1.7958i	-0.5992+0.0283i	0.4317-0.1448i	-0.9888+0.0070i	0.1000+0.3071i
72.7	1.8354+0.1093i	0.0024-0.9927i	2.4847-2.7348i	0.4089+1.6881i	-0.6248+0.0493i	0.4875-0.1928i	-1.0607+0.0778i	0.1380+0.2979i
72.8	1.6844+0.1679i	-0.0155-1.0157i	2.2648-2.9060i	0.3662+1.6961i	-0.5974+0.1047i	0.4896-0.2131i	-1.0475+0.1752i	0.1779+0.3060i
72.9	1.5422-0.0351i	0.0287-1.0311i	2.2142-3.2027i	0.3092+1.5460i	-0.6190+0.1847i	0.4809-0.2583i	-1.0903+0.2777i	0.2069+0.2904i
73.0	1.4856-0.0700i	0.0875-1.0137i	2.2521-3.2889i	0.1729+1.5273i	-0.6077+0.2068i	0.4866-0.2450i	-1.1185+0.2951i	0.2416+0.3019i
73.1	1.4832-0.1144i	0.0745-0.9948i	2.0291-3.3147i	0.2939+1.6454i	-0.5474+0.2151i	0.4667-0.3000i	-1.0524+0.3793i	0.2579+0.2474i
73.2	1.3280-0.1473i	0.0696-1.0447i	1.7745-3.6196i	0.2698+1.5558i	-0.5203+0.2740i	0.4102-0.3903i	-1.0039+0.5509i	0.2536+0.2172i
73.3	1.2544-0.2200i	0.1219-1.0605i	1.7649-3.8557i	0.3125+1.5184i	-0.5232+0.3026i	0.4487-0.3837i	-1.0614+0.5773i	0.3272+0.2288i
73.4	1.1538-0.4677i	0.2513-1.1102i	1.8140-4.0350i	0.3573+1.2834i	-0.5963+0.2577i	0.3983-0.4424i	-1.0828+0.5941i	0.3223+0.2096i
73.5	1.0639-0.4212i	0.2125-1.1183i	1.6268-4.1365i	0.4490+1.2319i	-0.6009+0.2701i	0.3694-0.5371i	-1.0307+0.7226i	0.3200+0.1665i
73.6	0.9703-0.4889i	0.2202-1.1184i	1.5642-4.2233i	0.4523+1.1248i	-0.6427+0.3531i	0.3724-0.5383i	-1.0526+0.8507i	0.3731+0.0987i
73.7	0.8082-0.4819i	0.2611-1.1295i	1.3170-4.1645i	0.3747+0.9438i	-0.6507+0.4124i	0.2957-0.5637i	-0.9909+0.9407i	0.3654+0.0416i
73.8	0.7628-0.5751i	0.3086-1.1620i	1.2935-4.3817i	0.4071+0.8648i	-0.6856+0.5131i	0.2511-0.5911i	-0.9645+1.0107i	0.3777+0.0425i
73.9	0.8259-0.6999i	0.2976-1.1583i	1.2396-4.5690i	0.3823+0.7677i	-0.7131+0.5851i	0.2281-0.6407i	-0.9712+1.1284i	0.3966-0.0370i
74.0	0.7693-0.7023i	0.3475-1.2034i	1.1764-4.6949i	0.4598+0.6992i	-0.6706+0.6437i	0.2079-0.6752i	-0.9416+1.2448i	0.4170-0.0913i
74.1	0.5564-0.6004i	0.3232-1.2856i	0.8454-4.7916i	0.3589+0.7141i	-0.5454+0.7516i	0.1745-0.6081i	-0.8083+1.3336i	0.4169-0.1060i
74.2	0.3300-0.6324i	0.3175-1.3085i	0.4353-4.9093i	0.3608+0.7102i	-0.4495+0.8205i	0.1035-0.5924i	-0.6666+1.4390i	0.4000-0.1707i
74.3	0.1879-0.7153i	0.3899-1.3717i	0.2526-5.1011i	0.2240+0.5844i	-0.3922+0.8849i	0.0636-0.6102i	-0.5798+1.5552i	0.4185-0.2477i
74.4	0.1462-0.8590i	0.3234-1.3680i	0.1297-5.2440i	0.2297+0.4243i	-0.3454+0.8989i	0.0149-0.5978i	-0.4949+1.5653i	0.3931-0.2652i
74.5	0.0164-0.7660i	0.3281-1.3351i	0.0041-5.0154i	0.1724+0.3732i	-0.2869+0.8366i	-0.0060-0.5448i	-0.3857+1.5343i	0.3582-0.3012i
74.6	-0.1037-0.9004i	0.3910-1.3267i	-0.3107-5.2032i	0.1689+0.3031i	-0.2247+0.8625i	-0.0414-0.6332i	-0.2217+1.6345i	0.2898-0.3989i
74.7	-0.2668-0.7774i	0.3591-1.3990i	-0.4992-5.1911i	0.0036+0.2684i	-0.1597+0.8473i	-0.0879-0.5709i	-0.1486+1.5873i	0.2751-0.3633i
74.8	-0.4943-0.7190i	0.3698-1.4603i	-0.8220-5.3245i	-0.1568+0.3126i	-0.0576+0.8632i	-0.1049-0.5482i	-0.0056+1.6200i	0.2429-0.4097i
74.9	-0.7358-0.8478i	0.4131-1.5476i	-1.1301-5.4597i	-0.2029+0.1997i	-0.0101+0.8943i	-0.1629-0.5495i	0.1405+1.6679i	0.1827-0.4593i

75.0	−0.7270−0.7476i	0.4286−1.5236i	−1.1157−5.3552i	−0.2372+0.1864i	0.0003+0.7623i	−0.1477−0.5245i	0.1259+1.5888i	0.1844−0.4609i
75.1	−0.8961−0.7089i	0.3701−1.5121i	−1.6049−5.2300i	−0.2522+0.1663i	0.0341+0.7423i	−0.1734−0.5107i	0.3133+1.6091i	0.1160−0.5361i
75.2	−1.2873−0.7787i	0.3814−1.6366i	−1.9716−5.3988i	−0.3918−0.0463i	0.0887+0.8362i	−0.2251−0.4886i	0.4904+1.5998i	−0.0064−0.5261i
75.3	−1.4795−0.6072i	0.3113−1.7507i	−2.4114−5.2962i	−0.4783+0.0291i	0.1457+0.8137i	−0.2641−0.4677i	0.6401+1.5487i	−0.0756−0.5286i
75.4	−1.5493−0.5563i	0.3041−1.7411i	−2.6042−5.1537i	−0.4200+0.0639i	0.1580+0.7624i	−0.2867−0.4820i	0.7512+1.4895i	−0.1410−0.5323i
75.5	−1.7273−0.4162i	0.3460−1.6786i	−2.7379−5.0428i	−0.5405+0.0450i	0.1870+0.7284i	−0.2684−0.4799i	0.7903+1.4337i	−0.1519−0.5347i
75.6	−2.0281−0.2970i	0.3917−1.6489i	−3.1692−4.8185i	−0.6811−0.0763i	0.2335+0.6926i	−0.3154−0.4559i	0.9202+1.3261i	−0.2277−0.5056i
75.7	−2.2387−0.2028i	0.4062−1.7536i	−3.6837−4.8551i	−0.6239+0.0843i	0.2755+0.7059i	−0.3550−0.4433i	1.0647+1.3260i	−0.2633−0.5067i
75.8	−2.2194+0.1018i	0.3166−1.7361i	−3.7862−4.4522i	−0.5850+0.1490i	0.3314+0.6093i	−0.3329−0.4486i	1.1096+1.1942i	−0.3007−0.4445i
75.9	−2.4546+0.4107i	0.2878−1.7918i	−4.0770−4.0604i	−0.8012+0.0626i	0.4081+0.5622i	−0.3459−0.4059i	1.2164+1.0515i	−0.3737−0.4127i
76.0	−2.6579+0.4936i	0.3513−1.8807i	−4.2775−4.0688i	−0.8312+0.0010i	0.4014+0.5774i	−0.3720−0.4278i	1.2682+1.0112i	−0.4189−0.4081i
76.1	−2.7171+0.6360i	0.2684−1.8429i	−4.3793−3.9501i	−0.8631+0.0275i	0.3898+0.4977i	−0.4199−0.4510i	1.3110+0.9261i	−0.4303−0.3650i
76.2	−2.7518+0.8421i	0.3019−1.8706i	−4.4698−3.7866i	−0.8734+0.0889i	0.3918+0.4781i	−0.4129−0.4082i	1.3363+0.8609i	−0.4554−0.3711i
76.3	−2.7922+1.0158i	0.2630−1.9097i	−4.5554−3.5008i	−0.9515+0.1308i	0.3856+0.4768i	−0.4555−0.3592i	1.3475+0.7288i	−0.4881−0.3122i
76.4	−2.9962+1.2498i	0.1375−1.9312i	−4.8796−3.0540i	−0.9950+0.0976i	0.4534+0.4178i	−0.5226−0.2990i	1.3963+0.5508i	−0.5205−0.2095i
76.5	−2.9914+1.4398i	0.2711−1.9682i	−4.8423−2.8965i	−1.0978+0.0222i	0.4037+0.4131i	−0.5255−0.2690i	1.3917+0.5012i	−0.5568−0.1953i
76.6	−3.0857+1.6772i	0.2981−1.9494i	−5.0409−2.8661i	−1.0644−0.0617i	0.3913+0.4069i	−0.5019−0.2344i	1.4062+0.4363i	−0.5566−0.1574i
76.7	−3.2256+2.0815i	0.2021−2.1138i	−5.2278−2.2850i	−1.2275+0.0303i	0.4320+0.3361i	−0.5718−0.1815i	1.4408+0.2576i	−0.5840−0.0914i
76.8	−3.2270+2.2829i	0.3344−2.1775i	−5.1527−1.8183i	−1.2779−0.0620i	0.4223+0.3122i	−0.6001−0.1168i	1.3793+0.1118i	−0.5846−0.0291i
76.9	−3.1875+2.6157i	0.3903−2.1284i	−5.3933−1.4853i	−1.3247−0.1133i	0.4020+0.2613i	−0.5981−0.1198i	1.3938+0.0113i	−0.5986+0.0012i
77.0	−3.0902+2.9845i	0.2539−2.1597i	−5.3832−1.1850i	−1.2803+0.0115i	0.3810+0.1966i	−0.5683−0.0679i	1.3530−0.1084i	−0.5983+0.0782i
77.1	−3.1596+3.2137i	0.3043−2.2547i	−5.4579−1.0798i	−1.3390−0.0694i	0.3484+0.1859i	−0.5618−0.0347i	1.3225−0.1690i	−0.6108+0.0987i
77.2	−3.1179+3.5345i	0.4385−2.2657i	−5.5675−0.6064i	−1.4714−0.2700i	0.3114+0.2315i	−0.5646+0.0202i	1.2975−0.2877i	−0.6325+0.1334i
77.3	−3.1232+3.8195i	0.2976−2.4397i	−5.5861−0.2432i	−1.4815−0.2096i	0.3064+0.2157i	−0.5445+0.0884i	1.1764−0.4234i	−0.6058+0.2197i
77.4	−2.9850+4.2007i	0.2696−2.5826i	−5.4392+0.0469i	−1.7462−0.1153i	0.2982+0.2010i	−0.4993+0.0802i	1.0495−0.4111i	−0.5529+0.2501i
77.5	−2.7338+4.5198i	0.3126−2.6025i	−5.3051+0.5699i	−1.8027−0.1271i	0.2709+0.2103i	−0.5107+0.1136i	1.0497−0.4351i	−0.5640+0.2590i
77.6	−2.7061+4.9085i	0.2860−2.6268i	−5.4833+1.0059i	−1.9081−0.1248i	0.2429+0.2519i	−0.4769+0.1832i	0.9850−0.5239i	−0.5180+0.3241i
77.7	−2.3793+5.3001i	0.3511−2.7138i	−5.0684+1.1743i	−2.1061−0.2053i	0.2108+0.2707i	−0.4615+0.2174i	0.8991−0.5191i	−0.5016+0.3640i
77.8	−2.0914+5.3688i	0.1478−2.8729i	−4.7353+1.3043i	−2.1567−0.1830i	0.1973+0.3320i	−0.4386+0.2485i	0.8656−0.5474i	−0.5023+0.3873i
77.9	−1.9886+5.5553i	−0.0114−3.0124i	−4.5735+1.5022i	−2.2644−0.1152i	0.2126+0.3880i	−0.3845+0.2527i	0.8234−0.5865i	−0.5078+0.4427i
78.0	−1.6235+5.9370i	−0.0284−3.1455i	−4.3234+1.8880i	−2.5592+0.0051i	0.2624+0.4226i	−0.3461+0.2655i	0.7277−0.6842i	−0.4386+0.5472i
78.1	−1.2692+5.7803i	−0.0716−3.2771i	−4.1447+1.8723i	−2.7814+0.1000i	0.2860+0.4589i	−0.3316+0.2768i	0.6638−0.7017i	−0.4004+0.5793i
78.2	−0.7644+5.9421i	−0.1415−3.2409i	−3.7067+2.0215i	−2.8828+0.1520i	0.3542+0.4838i	−0.2645+0.2327i	0.5812−0.6597i	−0.3231+0.5544i
78.3	−0.4085+6.3656i	−0.3566−3.4228i	−3.3839+2.4287i	−3.0058+0.3041i	0.4028+0.4875i	−0.2338+0.2857i	0.5048−0.7290i	−0.2590+0.6074i
78.4	−0.2224+6.3773i	−0.6115−3.4806i	−3.2945+2.5959i	−3.0384+0.5693i	0.4856+0.4702i	−0.1905+0.3043i	0.4523−0.7455i	−0.2182+0.6349i
78.5	−0.1522+6.3240i	−0.7401−3.4168i	−3.1364+2.5286i	−3.0955+0.6052i	0.5250+0.4455i	−0.1824+0.2637i	0.4020−0.7004i	−0.1350+0.6086i
78.6	0.2063+6.4584i	−0.9505−3.4498i	−2.8389+2.4572i	−3.2067+0.8174i	0.5693+0.4039i	−0.1845+0.2671i	0.3283−0.6800i	−0.0706+0.6105i
78.7	0.6223+6.5278i	−1.0305−3.3955i	−2.6004+2.4883i	−3.2579+1.0811i	0.6126+0.3371i	−0.1124+0.2424i	0.2808−0.6465i	−0.0366+0.5808i
78.8	1.1445+6.5022i	−1.2571−3.2761i	−2.1293+2.4731i	−3.2743+1.3457i	0.6653+0.2874i	−0.0782+0.2175i	0.2031−0.6506i	0.0077+0.5672i
78.9	1.4653+6.6474i	−1.3578−3.1472i	−1.6613+2.9309i	−3.2452+1.5490i	0.7147+0.2040i	−0.1045+0.2794i	0.1176−0.6703i	0.1063+0.5627i
79.0	1.9379+6.5389i	−1.0741−2.9009i	−0.9127+2.2839i	−3.0604+1.3953i	0.5915+0.1244i	−0.0117+0.2521i	0.1469−0.4882i	0.0760+0.3962i
79.1	1.8242+6.2252i	−1.1722−3.2216i	−1.3866+1.9835i	−3.3143+1.5135i	0.6212+0.1843i	−0.1038+0.1834i	0.2032−0.5550i	0.0077+0.4949i
79.2	1.8992+6.3405i	−1.3100−3.2542i	−1.3617+2.0531i	−3.4505+1.7350i	0.6354+0.1581i	−0.0885+0.1677i	0.1801−0.5759i	0.0244+0.5001i
79.3	2.2939+6.5136i	−1.5574−3.1574i	−1.2213+2.0221i	−3.2604+1.8920i	0.6768+0.1377i	−0.0549+0.1494i	0.1318−0.6215i	0.0382+0.5060i
79.4	2.8426+6.5168i	−1.5851−3.0879i	−1.0607+1.9118i	−3.4519+1.9580i	0.6968+0.0905i	−0.0283+0.1635i	0.0904−0.6392i	0.0864+0.5012i
79.5	2.9037+6.3027i	−1.4355−3.0470i	−1.1520+1.8977i	−3.5391+2.0246i	0.6867+0.0936i	−0.0739+0.1291i	0.0701−0.6614i	0.0984+0.5254i
79.6	3.2280+6.3745i	−1.6560−3.0859i	−0.9292+1.9942i	−3.4011+2.2799i	0.6912+0.0624i	−0.0779+0.1299i	0.0269−0.6422i	0.1318+0.5140i
79.7	3.6382+6.1557i	−1.9071−3.0654i	−0.6545+1.8716i	−3.2337+2.5248i	0.6757+0.0058i	−0.0487+0.1913i	−0.0538−0.6354i	0.1742+0.5118i
79.8	3.8795+5.9121i	−1.8356−3.0882i	−0.7008+1.7579i	−3.2053+2.7294i	0.6834−0.0075i	−0.0353+0.1784i	−0.0877−0.6340i	0.2104+0.4947i
79.9	4.1633+5.6935i	−1.8703−3.0710i	−0.7409+1.6121i	−3.2455+2.8414i	0.6975−0.0368i	−0.0410+0.1405i	−0.1487−0.6385i	0.2398+0.5080i
80.0	4.2863+5.4243i	−2.0383−3.0847i	−0.7160+1.3368i	−3.3266+3.0453i	0.7215−0.0477i	−0.0118+0.1748i	−0.2348−0.6277i	0.2722+0.5307i

2.1.11 Run 1 – IP000-200 – Accels 33–40

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	5.1591+0.0000i	4.2982+0.0000i	-4.3824+0.0000i	-5.0883+0.0000i	18.7856+0.0000i	7.6876+0.0000i	10.6015+0.0000i	5.1896+0.0000i
0.1	6.0653+6.9636i	4.3806+2.8308i	0.5597+2.8160i	7.8916+5.2672i	4.0073-2.0916i	1.3932+0.6220i	-1.6904+0.3809i	-0.2832+2.1270i
0.2	0.8533-3.5931i	-0.9129-1.7649i	0.3112-0.9628i	2.6630+1.4425i	0.9575+1.0262i	-0.9129+1.6799i	-0.1938-0.0726i	-0.1753+2.1624i
0.3	1.9485+0.7346i	0.4461-0.4206i	-0.0898+0.3871i	-1.3903+0.5248i	1.4365+0.4419i	0.0261-0.0056i	-0.1351+0.1312i	-0.6147-0.0544i
0.4	-0.7694-0.1276i	0.2370+0.2136i	-0.7227-0.7627i	-0.0900+0.4274i	1.8057+0.6318i	0.4814-0.3137i	0.0880+0.4654i	0.2606+0.6333i
0.5	0.2654-0.3057i	0.1917+0.0542i	0.6979+0.7462i	-0.0362-0.2881i	2.1582+0.2785i	2.4830-0.4656i	0.0091+0.6143i	-1.2018-0.5601i
0.6	-1.2907+0.2215i	-0.5315-0.1282i	-0.7473+0.2459i	-0.4426+0.3638i	0.9048-0.8136i	1.4188-0.4471i	0.2788+0.3424i	-0.4912+0.5696i
0.7	0.1718-0.0924i	0.2243-0.1903i	0.1568+0.0122i	-0.4650-0.0856i	-0.2653-0.0656i	-0.1613+0.1708i	-0.0746+0.2894i	-0.3120-0.1039i
0.8	-0.1819+0.1908i	0.0507+0.1624i	0.0296+0.0286i	0.1084-0.1706i	-0.0546-0.2280i	0.0812-0.1928i	-0.1350+0.0289i	0.0263+0.0947i
0.9	-0.0846-0.1446i	0.0071-0.0722i	0.0387-0.0786i	-0.0776+0.0094i	0.0574-0.0656i	-0.0146+0.0284i	-0.0228+0.0171i	0.0007-0.0099i
1.0	-0.0301-0.0075i	0.0503-0.0355i	0.0262+0.0076i	-0.1591+0.0352i	-0.0087-0.0457i	-0.0252-0.0278i	-0.0510-0.0134i	-0.0023-0.0317i
1.1	-0.1407-0.0204i	-0.0317-0.0330i	0.0105+0.0118i	-0.0962-0.0224i	-0.0233-0.0488i	0.0179-0.0074i	-0.0039-0.0144i	-0.0090-0.0100i
1.2	-0.1519+0.0148i	-0.0438+0.0558i	0.0134+0.0288i	-0.1479-0.0183i	-0.1028+0.0991i	0.0113-0.0094i	-0.0177-0.0110i	0.0117-0.0031i
1.3	-0.2074-0.0118i	0.0771+0.0372i	-0.0013+0.0235i	-0.2374-0.0579i	0.1837+0.0278i	0.0162+0.0098i	-0.0265-0.0210i	0.0040-0.0001i
1.4	-0.2302-0.0329i	0.0939-0.0156i	0.0036-0.0002i	-0.2607-0.0276i	0.1268-0.0166i	0.0189+0.0036i	-0.0381+0.0075i	0.0085+0.0116i
1.5	-0.2483-0.0909i	0.2974-0.2140i	0.0201-0.0027i	-0.4037+0.0609i	0.4957-0.4094i	0.0331+0.0009i	-0.1116+0.0128i	0.0012-0.0125i
1.6	-0.4780-0.0753i	-0.1821-0.1653i	0.0249+0.0043i	-0.3500+0.0310i	-0.3949-0.2944i	0.0360-0.0019i	-0.0464+0.0322i	-0.0114-0.0092i
1.7	-0.5512-0.0630i	-0.0479-0.0483i	0.0346-0.0043i	-0.4869-0.0194i	-0.1618-0.0741i	0.0505-0.0030i	-0.0815+0.0081i	-0.0100-0.0001i
1.8	-0.7171-0.0471i	-0.0097-0.0386i	0.0468+0.0045i	-0.6755-0.0151i	-0.1273-0.0505i	0.0691+0.0044i	-0.1076+0.0116i	-0.0082+0.0046i
1.9	-0.9605-0.0415i	0.0164-0.0513i	0.0560+0.0040i	-0.9071-0.0204i	-0.1181-0.0533i	0.0837+0.0047i	-0.1477+0.0159i	-0.0087+0.0058i
2.0	-1.3925-0.0273i	0.0433-0.0997i	0.0764+0.0009i	-1.3276-0.0089i	-0.1281-0.0765i	0.1163+0.0052i	-0.2152+0.0247i	-0.0081+0.0069i
2.1	-2.1994+0.0645i	-0.0455-0.3618i	0.1098-0.0103i	-2.1422+0.0355i	-0.2333-0.2139i	0.1760+0.0029i	-0.3432+0.0476i	-0.0068-0.0043i
2.2	-4.4375+0.7087i	-0.4722+0.0073i	0.2050-0.0421i	-4.4694+0.8450i	-0.6176+0.0504i	0.3482-0.0375i	-0.7095+0.2041i	-0.0521+0.0165i
2.3	-1.2643+14.0394i	0.0665+0.5228i	0.1235-0.6038i	-0.8542+14.0456i	-0.1776+1.3509i	0.0947-0.9204i	0.0272+2.3259i	0.0010+0.1327i
2.4	4.5560+1.6906i	0.0568+0.0067i	-0.1506-0.0705i	4.5813+1.5414i	0.2889+0.1325i	-0.2814-0.1138i	0.7877+0.1964i	0.0558-0.0032i
2.5	2.6662+0.6424i	-0.0103-0.0092i	-0.0835-0.0261i	2.6896+0.5726i	0.1585+0.0593i	-0.1328-0.0484i	0.4636+0.0588i	0.0252+0.0011i
2.6	1.9479+0.3541i	-0.0265-0.0097i	-0.0484-0.0148i	1.9524+0.3109i	0.0902+0.0196i	-0.0772-0.0242i	0.3431+0.0259i	0.0180-0.0038i
2.7	1.5650+0.2617i	-0.0335-0.0107i	-0.0306-0.0112i	1.5689+0.2259i	0.0643+0.0166i	-0.0471-0.0152i	0.2797+0.0151i	0.0136-0.0049i
2.8	1.3368+0.1980i	-0.0340-0.0094i	-0.0164-0.0086i	1.3328+0.1698i	0.0436+0.0173i	-0.0304-0.0088i	0.2406+0.0104i	0.0122-0.0059i
2.9	1.1776+0.1703i	-0.0310-0.0066i	-0.0048-0.0048i	1.1734+0.1411i	0.0341+0.0084i	-0.0142-0.0110i	0.2167+0.0068i	0.0103-0.0057i
3.0	1.0652+0.1413i	-0.0321-0.0069i	0.0015-0.0047i	1.0635+0.1206i	0.0274+0.0092i	0.0003-0.0066i	0.1998+0.0033i	0.0066-0.0056i
3.1	0.9840+0.1278i	-0.0320-0.0057i	0.0087-0.0042i	0.9770+0.1115i	0.0185+0.0088i	0.0075-0.0068i	0.1878+0.0018i	0.0086-0.0057i
3.2	0.9199+0.1107i	-0.0331-0.0067i	0.0149-0.0036i	0.9179+0.0967i	0.0192+0.0046i	0.0205-0.0092i	0.1774-0.0018i	0.0073-0.0056i
3.3	0.8723+0.0981i	-0.0314-0.0079i	0.0220-0.0036i	0.8720+0.0958i	0.0193+0.0088i	0.0315-0.0053i	0.1692-0.0025i	0.0062-0.0044i
3.4	0.8246+0.0864i	-0.0323-0.0051i	0.0272-0.0020i	0.8228+0.0842i	0.0108+0.0052i	0.0386-0.0040i	0.1628-0.0014i	0.0066-0.0034i
3.5	0.7899+0.0771i	-0.0303-0.0052i	0.0336-0.0015i	0.7951+0.0755i	0.0112+0.0037i	0.0494-0.0047i	0.1613+0.0010i	0.0082-0.0062i
3.6	0.7592+0.0793i	-0.0316-0.0044i	0.0383-0.0011i	0.7644+0.0787i	0.0080+0.0039i	0.0576-0.0014i	0.1594-0.0001i	0.0054-0.0058i
3.7	0.7266+0.0742i	-0.0309-0.0043i	0.0453+0.0008i	0.7387+0.0719i	0.0091+0.0053i	0.0668-0.0038i	0.1594-0.0019i	0.0060-0.0080i
3.8	0.7038+0.0685i	-0.0319-0.0040i	0.0489-0.0007i	0.7164+0.0714i	0.0061+0.0058i	0.0789-0.0033i	0.1608-0.0040i	0.0079-0.0098i
3.9	0.6875+0.0685i	-0.0318-0.0036i	0.0560-0.0010i	0.6980+0.0675i	0.0066+0.0041i	0.0879-0.0031i	0.1628-0.0022i	0.0061-0.0102i
4.0	0.6706+0.0641i	-0.0301-0.0055i	0.0614-0.0001i	0.6861+0.0636i	0.0066+0.0064i	0.0985+0.0005i	0.1677-0.0015i	0.0064-0.0100i
4.1	0.6531+0.0632i	-0.0283-0.0038i	0.0699-0.0010i	0.6667+0.0606i	0.0044+0.0055i	0.1075-0.0023i	0.1694-0.0024i	0.0006-0.0098i
4.2	0.6354+0.0647i	-0.0294-0.0058i	0.0736+0.0002i	0.6562+0.0657i	0.0010-0.0054i	0.1213-0.0027i	0.1746-0.0072i	-0.0018-0.0097i
4.3	0.6356+0.0632i	-0.0256-0.0064i	0.0866-0.0019i	0.6494+0.0671i	0.0076+0.0051i	0.1326-0.0043i	0.1857-0.0103i	0.0009-0.0103i
4.4	0.6173+0.0742i	-0.0249-0.0056i	0.0891+0.0031i	0.6380+0.0672i	0.0092-0.0055i	0.1476-0.0075i	0.1930-0.0192i	0.0005-0.0010i
4.5	0.6202+0.0753i	-0.0323-0.0050i	0.0924-0.0014i	0.6406+0.0740i	-0.0069+0.0042i	0.1564-0.0020i	0.1806-0.0168i	0.0050+0.0009i
4.6	0.6046+0.0729i	-0.0294-0.0044i	0.1051+0.0019i	0.6246+0.0690i	-0.0035+0.0091i	0.1718-0.0037i	0.1960-0.0163i	0.0081-0.0104i
4.7	0.6018+0.0740i	-0.0272-0.0036i	0.1160-0.0027i	0.6247+0.0704i	-0.0057+0.0001i	0.1906-0.0059i	0.2129-0.0231i	0.0058-0.0181i
4.8	0.5872+0.0814i	-0.0300-0.0024i	0.1219+0.0016i	0.6178+0.0746i	0.0017+0.0024i	0.2071-0.0066i	0.2233-0.0341i	0.0020-0.0213i
4.9	0.5836+0.0764i	-0.0297-0.0066i	0.1260+0.0022i	0.6183+0.0780i	-0.0047+0.0060i	0.2166-0.0016i	0.2334-0.0229i	-0.0023-0.0056i
5.0	0.5824+0.0801i	-0.0272-0.0040i	0.1397+0.0021i	0.6087+0.0783i	-0.0033-0.0064i	0.2408-0.0113i	0.2570-0.0366i	0.0025-0.0129i
5.1	0.5752+0.0964i	-0.0244-0.0053i	0.1485-0.0018i	0.6043+0.0928i	-0.0037+0.0043i	0.2621-0.0086i	0.2775-0.0651i	0.0000-0.0197i
5.2	0.5694+0.0949i	-0.0281-0.0062i	0.1616-0.0092i	0.5980+0.0991i	-0.0045+0.0034i	0.2863-0.0192i	0.3001-0.1114i	0.0026-0.0456i
5.3	0.5701+0.1083i	-0.0287-0.0061i	0.1716-0.0071i	0.5930+0.1122i	-0.0208+0.0104i	0.3108-0.0171i	0.3164-0.1279i	-0.0033-0.0204i
5.4	0.5726+0.1248i	-0.0279-0.0078i	0.1782-0.0155i	0.6082+0.1285i	-0.0189+0.0153i	0.3244-0.0256i	0.3363-0.1656i	0.0273-0.0113i
5.5	0.5752+0.1432i	-0.0262-0.0087i	0.1945-0.0188i	0.6071+0.1393i	-0.0067-0.0018i	0.3518-0.0385i	0.3252-0.2390i	0.0363-0.0783i
5.6	0.5793+0.1677i	-0.0264-0.0089i	0.1994-0.0221i	0.6172+0.1587i	-0.0073+0.0062i	0.3787-0.0531i	0.3143-0.3000i	-0.0333-0.1335i

5.7	0.6021+0.1678i	-0.0232-0.0128i	0.2059-0.0252i	0.6426+0.1700i	0.0041+0.0152i	0.4059-0.0505i	0.2779-0.3243i	-0.0809-0.1405i
5.8	0.5982+0.1998i	-0.0260-0.0136i	0.2183-0.0278i	0.6371+0.1987i	-0.0071+0.0229i	0.4336-0.0689i	0.2936-0.4366i	-0.1596-0.1343i
5.9	0.6439+0.2170i	-0.0286-0.0185i	0.2172-0.0326i	0.6802+0.2102i	0.0068-0.0034i	0.4383-0.0850i	0.1271-0.4784i	-0.1978-0.0040i
6.0	0.6574+0.2172i	-0.0386-0.0199i	0.2210-0.0325i	0.7078+0.2084i	-0.0001-0.0007i	0.4619-0.0841i	0.0413-0.4638i	-0.1807+0.0496i
6.1	0.7067+0.2032i	-0.0388-0.0098i	0.2252-0.0303i	0.7487+0.1991i	-0.0050+0.0105i	0.4875-0.0916i	-0.0430-0.4011i	-0.1579+0.0471i
6.2	0.7154+0.2155i	-0.0430-0.0106i	0.2263-0.0200i	0.7690+0.2149i	-0.0039+0.0017i	0.5208-0.0816i	-0.0518-0.3782i	-0.1362+0.0965i
6.3	0.7450+0.2054i	-0.0433-0.0048i	0.2240-0.0219i	0.7919+0.2018i	-0.0202+0.0093i	0.5450-0.0904i	-0.1005-0.3414i	-0.1157+0.1033i
6.4	0.7653+0.2103i	-0.0385+0.0018i	0.2263-0.0055i	0.8279+0.2036i	-0.0111+0.0149i	0.5992-0.0949i	-0.0893-0.3159i	-0.0876+0.0621i
6.5	0.8013+0.2134i	-0.0346+0.0038i	0.2075+0.0134i	0.8737+0.2040i	-0.0015+0.0161i	0.6360-0.0889i	-0.1167-0.2815i	-0.1514+0.0937i
6.6	0.8350+0.2146i	-0.0353+0.0007i	0.2027+0.0413i	0.9178+0.1990i	-0.0067+0.0164i	0.6949-0.0900i	-0.1367-0.2732i	-0.1903+0.1713i
6.7	0.9127+0.1953i	-0.0315+0.0005i	0.1864+0.0751i	1.0020+0.1738i	0.0086+0.0107i	0.7466-0.0965i	-0.1461-0.2771i	-0.1548+0.2931i
6.8	0.9742+0.1699i	-0.0302+0.0023i	0.1507+0.1322i	1.0811+0.1388i	0.0070+0.0154i	0.8111-0.1180i	-0.2147-0.2914i	-0.0797+0.4002i
6.9	1.0681+0.1283i	-0.0315+0.0042i	0.0866+0.2276i	1.1920+0.0896i	-0.0054+0.0225i	0.8845-0.1467i	-0.3356-0.2878i	0.0270+0.4896i
7.0	1.1628-0.0067i	-0.0255-0.0005i	0.0038+0.4787i	1.2996-0.0747i	0.0078+0.0183i	0.9392-0.1774i	-0.5218-0.2061i	0.1959+0.5601i
7.1	1.2237-0.2692i	-0.0337-0.0042i	0.1399+1.0348i	1.3651-0.4069i	0.0022+0.0281i	1.0156-0.2167i	-0.7307+0.1129i	0.6136+0.6105i
7.2	0.9368-0.5040i	-0.0292+0.0032i	0.9608+1.3316i	0.9970-0.6750i	0.0235+0.0506i	1.0514-0.1930i	-0.4623+0.7134i	0.8932-0.0402i
7.3	0.7119-0.3965i	-0.0138-0.0004i	1.4637+0.9014i	0.7330-0.5283i	0.0260+0.0324i	1.2420-0.2026i	0.1614+0.7792i	0.8091-0.2293i
7.4	0.5214-0.3132i	-0.0242-0.0269i	1.8076+0.6018i	0.5004-0.4504i	0.0123+0.0169i	1.2975-0.3738i	0.6368+0.3557i	0.4627-1.0663i
7.5	0.5349-0.0896i	-0.0453-0.0138i	1.8259+0.1338i	0.5093-0.1567i	0.0149+0.0251i	1.3501-0.3323i	0.5274-0.0055i	-0.4109+0.6704i
7.6	0.6445-0.0105i	-0.0417-0.0007i	1.7442-0.0582i	0.6408-0.0583i	-0.0040+0.0258i	1.5113-0.3834i	0.4293-0.1650i	-0.3492-0.1227i
7.7	0.7209-0.0019i	-0.0315-0.0026i	1.7476-0.1473i	0.7427-0.0554i	0.0177+0.0134i	1.6718-0.4720i	0.3542-0.2434i	-0.1312-0.0312i
7.8	0.7636+0.0007i	-0.0337-0.0041i	1.8142-0.2551i	0.8067-0.0497i	0.0199+0.0103i	1.8644-0.6230i	0.2832-0.3121i	-0.0085+0.0014i
7.9	0.7946-0.0376i	-0.0299-0.0078i	1.8836-0.3773i	0.8391-0.0954i	0.0262+0.0113i	1.9709-0.8329i	0.2458-0.3379i	0.0399-0.0591i
8.0	0.7883-0.0150i	-0.0354-0.0003i	1.9465-0.4608i	0.8340-0.0596i	0.0239+0.0177i	1.9891-0.8727i	0.2004-0.5252i	0.1249-0.2776i
8.1	0.8825-0.0613i	-0.0220-0.0159i	2.0142-0.6197i	0.9274-0.1250i	0.0352+0.0078i	2.1572-1.1121i	-0.0930-0.5210i	-0.2399-0.2075i
8.2	0.8624-0.0468i	-0.0364-0.0148i	2.0988-0.6579i	0.9219-0.1101i	0.0210+0.0008i	2.2274-1.1375i	-0.1245-0.4505i	-0.1677-0.0805i
8.3	0.9103-0.0488i	-0.0225-0.0154i	2.2755-0.7601i	0.9709-0.1034i	0.0306+0.0008i	2.4628-1.2220i	-0.1960-0.4402i	-0.1856-0.1012i
8.4	0.9713-0.0465i	-0.0233-0.0147i	2.5352-0.9012i	1.0464-0.1108i	0.0163-0.0117i	2.8452-1.3833i	-0.2451-0.3966i	-0.2033-0.0682i
8.5	1.0266-0.0842i	-0.0272-0.0212i	2.8017-1.0757i	1.1128-0.1537i	0.0272-0.0171i	3.2176-1.6200i	-0.2809-0.2907i	-0.1784-0.0186i
8.6	1.1094-0.1319i	-0.0318-0.0284i	3.2155-1.4150i	1.2289-0.2216i	0.0413-0.0218i	3.8123-2.0951i	-0.3205-0.2576i	-0.2096+0.0803i
8.7	1.1535-0.1963i	-0.0308-0.0371i	3.5460-1.8647i	1.2801-0.3007i	0.0279-0.0260i	4.2260-2.7075i	-0.3698-0.1859i	-0.2303-0.1391i
8.8	1.2429-0.3182i	-0.0481-0.0412i	4.0582-2.6330i	1.3947-0.4597i	0.0129-0.0292i	4.9048-3.7533i	-0.3837-0.0718i	-0.0895-0.1500i
8.9	1.2487-0.4698i	-0.0454-0.0437i	4.1181-3.6377i	1.3960-0.6498i	0.0276-0.0324i	4.9339-5.1201i	-0.3481+0.0509i	-0.9170-0.7424i
9.0	1.2994-0.6903i	-0.0500-0.0717i	4.3227-5.3579i	1.4670-0.9429i	0.0331-0.0920i	5.1880-7.4144i	-0.2702+0.3131i	-1.9555+0.9302i
9.1	1.0403-0.7757i	-0.1092-0.0896i	2.6164-5.7731i	1.1221-1.0246i	-0.0464-0.0836i	2.7816-7.9145i	0.2755+0.0514i	0.2755+2.2205i
9.2	1.2538-0.9936i	-0.1705-0.0711i	3.8951-7.6799i	1.3924-1.3432i	-0.1079-0.0720i	4.4797-10.4210i	-0.1509-0.2009i	0.3962+0.7056i
9.3	0.7856-1.4902i	-0.2370+0.0061i	0.1757-10.7661i	0.7526-1.9480i	-0.1566-0.0328i	-0.5509-14.4563i	-0.2423+0.0157i	0.5003+1.1449i
9.4	0.1676-1.3320i	-0.2081+0.1128i	-4.1875-9.4028i	-0.0465-1.7342i	-0.1477+0.0507i	-6.3484-12.5241i	-0.1647+0.1394i	0.9854+1.0484i
9.5	-0.0794-0.9248i	-0.1315+0.1405i	-5.8043-6.4400i	-0.3470-1.1977i	-0.1031+0.0924i	-8.4377-8.5181i	-0.0353+0.1287i	1.3031+0.4984i
9.6	-0.0794-0.5936i	-0.0797+0.1410i	-5.6780-4.1925i	-0.3450-0.7714i	-0.0575+0.1028i	-8.2224-5.5122i	0.0142+0.0820i	1.2804-0.0833i
9.7	-0.0136-0.4070i	-0.0482+0.1412i	-5.1027-2.9724i	-0.2383-0.5387i	-0.0239+0.1001i	-7.4144-3.8810i	0.0574+0.0465i	1.1309-0.4274i
9.8	0.0654-0.2930i	-0.0187+0.1300i	-4.6143-2.2020i	-0.1290-0.3873i	-0.0026+0.0984i	-6.7378-2.8553i	0.0468+0.0024i	0.9583-0.6826i
9.9	0.1572-0.2191i	0.0011+0.0992i	-4.1347-1.6822i	-0.0282-0.2931i	0.0213+0.0860i	-6.0923-2.1672i	0.0413-0.0228i	0.5116-0.8235i
10.0	0.2138-0.1565i	0.0183+0.0867i	-3.7511-1.3119i	0.0511-0.2207i	0.0451+0.0682i	-5.5736-1.6869i	0.0197-0.0400i	0.1573-0.7761i
10.1	0.2702-0.1092i	0.0234+0.0734i	-3.4079-1.0828i	0.1162-0.1571i	0.0355+0.0682i	-5.1178-1.3815i	0.0249-0.0409i	0.0907-0.6320i
10.2	0.3267-0.0955i	0.0160+0.0593i	-3.1277-0.9669i	0.1909-0.1391i	0.0250+0.0563i	-4.7492-1.2268i	0.0288-0.0506i	-0.0456-0.4527i
10.3	0.3726-0.0968i	0.0159+0.0645i	-2.9358-0.9254i	0.2391-0.1333i	0.0343+0.0352i	-4.5039-1.1570i	0.0249-0.0468i	-0.0398-0.3871i
10.4	0.4027-0.0750i	0.0214+0.0582i	-2.8558-0.8486i	0.2928-0.1164i	0.0356+0.0490i	-4.3759-1.0512i	0.0241-0.0572i	-0.0855-0.3746i
10.5	0.4430-0.0593i	0.0264+0.0425i	-2.7816-0.7445i	0.3297-0.0928i	0.0419+0.0251i	-4.2670-0.9197i	0.0182-0.0611i	-0.1724-0.3404i
10.6	0.4656-0.0423i	0.0284+0.0436i	-2.6709-0.6681i	0.3600-0.0791i	0.0447+0.0220i	-4.1254-0.8462i	0.0147-0.0465i	-0.2227-0.3279i
10.7	0.5068-0.0343i	0.0407+0.0335i	-2.5681-0.6299i	0.4051-0.0626i	0.0621+0.0206i	-4.0109-0.8005i	0.0011-0.0632i	-0.2977-0.2029i
10.8	0.5461-0.0289i	0.0446+0.0203i	-2.4998-0.5880i	0.4424-0.0657i	0.0349-0.0003i	-3.9429-0.7590i	-0.0004-0.0583i	-0.2699-0.0712i
10.9	0.5631-0.0198i	0.0438+0.0144i	-2.4741-0.5197i	0.4760-0.0501i	0.0524+0.0009i	-3.9269-0.6591i	0.0184-0.0490i	-0.3117-0.0912i
11.0	0.5890-0.0194i	0.0493+0.0030i	-2.4073-0.4380i	0.5017-0.0491i	0.0590-0.0163i	-3.8652-0.5454i	0.0228-0.0535i	-0.3680+0.1052i
11.1	0.6252-0.0150i	0.0535-0.0039i	-2.3415-0.4044i	0.5499-0.0452i	0.0565+0.0056i	-3.7933-0.4967i	0.0387-0.0547i	-0.2759+0.2400i
11.2	0.6548-0.0193i	0.0529-0.0138i	-2.2966-0.3918i	0.5845-0.0487i	0.0637-0.0180i	-3.7630-0.4901i	0.0389-0.0519i	-0.1307+0.1556i
11.3	0.6956-0.0257i	0.0526-0.0391i	-2.2810-0.3790i	0.6165-0.0504i	0.0403-0.0432i	-3.7851-0.4857i	0.0422-0.0531i	-0.3837+0.0549i
11.4	0.7348-0.0166i	0.0407-0.0649i	-2.2846-0.3509i	0.6525-0.0504i	0.0290-0.0765i	-3.8407-0.4516i	0.0408-0.0446i	-0.1774+0.4710i
11.5	0.7831+0.0035i	0.0125-0.0818i	-2.2514-0.3177i	0.7036-0.0507i	-0.0022-0.0693i	-3.8681-0.4030i	0.0564-0.0467i	0.2204+0.4534i
11.6	0.8194-0.0067i	-0.0165-0.0787i	-2.2497-0.2828i	0.7573-0.0494i	-0.0256-0.0472i	-3.9240-0.3192i	0.0829-0.0503i	0.4503+0.2967i
11.7	0.8585-0.0215i	-0.0397-0.0727i	-2.2166-0.2745i	0.7890-0.0614i	-0.0429-0.0618i	-3.9263-0.2854i	0.0915-0.0614i	0.4636+0.1902i
11.8	0.9187-0.0317i	-0.0429-0.0615i	-2.2123-0.2630i	0.8545-0.0784i	-0.0424-0.0456i	-3.9914-0.2332i	0.1140-0.0797i	0.5122+0.0290i
11.9	0.9680-0.0338i	-0.0422-0.0563i	-2.2158-0.2954i	0.9033-0.0560i	-0.0369-0.0274i	-4.0480-0.2387i	0.1328-0.0885i	0.4770-0.0393i

12.0	1.0663-0.0564i	-0.0608-0.0541i	-2.2907-0.2476i	0.9875-0.1029i	-0.0588-0.0432i	-4.2695-0.1036i	0.1624-0.1211i	0.5265-0.2707i
12.1	1.1215-0.0647i	-0.0672-0.0631i	-2.3164-0.2859i	1.0541-0.1097i	-0.0537-0.0512i	-4.3914-0.1207i	0.1942-0.1344i	0.4605-0.4393i
12.2	1.2247-0.0770i	-0.0668-0.0879i	-2.4171-0.3251i	1.1540-0.1219i	-0.0727-0.0698i	-4.6731-0.1241i	0.2304-0.1643i	0.4449-0.6022i
12.3	1.3458-0.1332i	-0.0978-0.0977i	-2.5260-0.3261i	1.2616-0.1666i	-0.0958-0.0675i	-4.9819+0.0324i	0.2534-0.2080i	0.4082-0.9755i
12.4	1.4510-0.1675i	-0.1339-0.1447i	-2.6831-0.3834i	1.3678-0.2225i	-0.1679-0.1149i	-5.3990+0.0767i	0.2720-0.2596i	0.2164-1.1014i
12.5	1.6150-0.3174i	-0.2065-0.1625i	-2.9788-0.3371i	1.5352-0.3450i	-0.1959-0.1037i	-5.9439+0.4564i	0.2828-0.3563i	-0.1533-1.2256i
12.6	1.7888-0.4395i	-0.3055-0.1893i	-3.3187-0.3440i	1.6857-0.4466i	-0.3384-0.1251i	-6.6656+0.7366i	0.2960-0.4689i	-0.5139-1.2679i
12.7	1.9960-0.6350i	-0.4925-0.2068i	-3.8099-0.1594i	1.8952-0.6374i	-0.5415-0.1335i	-7.5815+1.4987i	0.2405-0.6182i	-0.6206-1.0833i
12.8	2.1822-0.9250i	-0.7292-0.1516i	-4.2852+0.2113i	2.1229-0.8898i	-0.7886+0.0093i	-8.3956+2.6910i	0.1894-0.7546i	-0.5388-1.2114i
12.9	2.1708-1.6344i	-1.1872+0.2511i	-4.7131+1.3379i	2.2035-1.5723i	-1.2594+0.5266i	-8.5295+5.7426i	0.0212-0.9428i	-1.0838-1.1877i
13.0	1.8099-2.5539i	-1.5488+1.3112i	-4.7460+2.9221i	2.0211-2.5804i	-1.5060+1.7500i	-6.9590+9.8461i	-0.3654-1.0595i	-3.0045-1.6773i
13.1	0.7181-2.8782i	-0.5907+2.6344i	-3.3613+4.2001i	0.9001-3.2079i	-0.2277+3.1101i	-1.8400+11.4767i	-0.8070-0.7902i	-4.5200+0.1628i
13.2	-0.1400-2.3107i	1.1790+2.7192i	-1.7821+4.0193i	-0.2134-2.7877i	1.7680+2.9846i	2.3013+8.6524i	-0.9532-0.2654i	-3.8806+3.4537i
13.3	-0.3340-1.8068i	2.4053+1.8825i	-1.1227+3.5228i	-0.6432-2.2136i	3.0786+1.9416i	3.3869+5.8191i	-0.7496+0.0850i	-1.8529+5.1110i
13.4	-0.3417-1.4695i	2.9561+0.7526i	-0.7698+3.1820i	-0.7950-1.7260i	3.6189+0.5917i	3.3894+3.7448i	-0.4991+0.1466i	0.4438+5.6859i
13.5	-0.3092-1.3672i	3.0718-0.4143i	-0.5398+3.0493i	-0.8273-1.4476i	3.6506-0.7990i	2.9569+2.3462i	-0.4293+0.2317i	3.4292+5.1027i
13.6	-0.2467-1.2953i	2.4870-1.6086i	-0.3747+2.8705i	-0.7255-1.1963i	2.8745-2.1251i	1.8559+1.2972i	-0.2267+0.2104i	5.2665+2.3483i
13.7	-0.3627-1.2590i	1.4640-2.2613i	-0.0407+2.7830i	-0.7345-1.0325i	1.6522-2.8435i	0.9826+0.9385i	-0.0988+0.1229i	5.0934-0.4508i
13.8	-0.5130-1.1666i	0.5526-2.2815i	0.3081+2.6439i	-0.7640-0.8861i	0.5802-2.8255i	0.5140+1.0418i	-0.0421+0.0223i	3.6543-1.9924i
13.9	-0.6066-0.9795i	-0.1771-1.9042i	0.5817+2.3397i	-0.7685-0.6990i	-0.2401-2.3626i	0.1881+1.2133i	-0.0651-0.0796i	2.2231-2.4309i
14.0	-0.6071-0.7954i	-0.4443-1.5165i	0.6976+2.0439i	-0.7045-0.5302i	-0.5709-1.9248i	0.0775+1.2739i	-0.1139-0.1180i	1.4677-2.5650i
14.1	-0.5703-0.6044i	-0.6137-1.1512i	0.7962+1.7362i	-0.6007-0.3717i	-0.7721-1.4953i	0.0324+1.2773i	-0.1638-0.1072i	0.6253-2.4549i
14.2	-0.5023-0.5081i	-0.6483-0.9286i	0.8120+1.4869i	-0.4985-0.3018i	-0.8518-1.2083i	0.0241+1.2564i	-0.1734-0.0860i	0.0895-2.3159i
14.3	-0.4073-0.3706i	-0.6917-0.7339i	0.7949+1.2079i	-0.3840-0.1969i	-0.9007-0.9602i	-0.0866+1.0906i	-0.1602-0.0785i	-0.4260-2.1406i
14.4	-0.3280-0.3184i	-0.6544-0.5897i	0.7438+1.0404i	-0.2991-0.1739i	-0.8773-0.7787i	-0.1257+1.0568i	-0.1515-0.0735i	-0.7503-1.8256i
14.5	-0.2637-0.2443i	-0.6363-0.4746i	0.7062+0.8401i	-0.2188-0.1276i	-0.8498-0.6221i	-0.1826+0.9110i	-0.1511-0.0625i	-0.9950-1.5381i
14.6	-0.1776-0.2199i	-0.5965-0.3962i	0.5689+0.7252i	-0.1387-0.1282i	-0.7957-0.5156i	-0.3450+0.8867i	-0.1461-0.0517i	-1.2917-1.2890i
14.7	-0.1268-0.1600i	-0.5847-0.3447i	0.5106+0.6691i	-0.0824-0.0753i	-0.7900-0.4389i	-0.4367+0.8525i	-0.1287-0.0536i	-1.5426-0.9265i
14.8	-0.0624-0.1554i	-0.5507-0.2675i	0.4904+0.6599i	-0.0180-0.0915i	-0.7432-0.3506i	-0.4176+0.9856i	-0.1210-0.0762i	-1.4868-0.3193i
14.9	-0.0136-0.1527i	-0.5441-0.2491i	0.5432+0.6141i	0.0365-0.0920i	-0.7346-0.3324i	-0.3195+0.9762i	-0.1017-0.0735i	-1.2011+0.0539i
15.0	0.0323-0.1440i	-0.5495-0.1886i	0.5676+0.5076i	0.0940-0.1030i	-0.7686-0.2412i	-0.3067+0.8830i	-0.0869-0.0630i	-0.8680+0.2128i
15.1	0.0625-0.1091i	-0.5081-0.1773i	0.6098+0.3947i	0.1245-0.0788i	-0.7004-0.2350i	-0.2107+0.6998i	-0.0715-0.0732i	-0.5714+0.1935i
15.2	0.1059-0.1075i	-0.5137-0.1530i	0.5779+0.2663i	0.1693-0.0825i	-0.7064-0.1915i	-0.3062+0.5156i	-0.0437-0.0968i	-0.5369+0.1037i
15.3	0.1890-0.0675i	-0.5080-0.1406i	0.5322+0.1392i	0.2536-0.0494i	-0.7169-0.1703i	-0.4917+0.3144i	-0.0023-0.0915i	-0.4623+0.0239i
15.4	0.1854-0.0902i	-0.4960-0.1098i	0.4870+0.1039i	0.2528-0.0787i	-0.6983-0.1411i	-0.5532+0.3113i	-0.0087-0.1143i	-0.5346+0.0536i
15.5	0.2303-0.0592i	-0.4938-0.0751i	0.4335+0.0208i	0.3009-0.0630i	-0.7014-0.0876i	-0.7150+0.2545i	0.0494-0.1698i	-0.5567+0.0798i
15.6	0.2737-0.0446i	-0.5001-0.0721i	0.4146-0.0202i	0.3424-0.0521i	-0.7050-0.0654i	-0.8394+0.2117i	0.0542-0.2136i	-0.4993+0.1463i
15.7	0.3372-0.0716i	-0.5115-0.0367i	0.3676-0.0872i	0.4078-0.0891i	-0.7371-0.0331i	-1.0292+0.2390i	0.0506-0.2467i	-0.5115+0.1711i
15.8	0.3788-0.0635i	-0.5127-0.0121i	0.3443-0.1547i	0.4591-0.0895i	-0.7496+0.0236i	-1.1790+0.2336i	0.1103-0.3880i	-0.4619+0.2377i
15.9	0.4306-0.0468i	-0.5035+0.0127i	0.3338-0.1987i	0.5041-0.0889i	-0.7499+0.0558i	-1.3318+0.2507i	0.1387-0.5718i	-0.3278+0.2578i
16.0	0.4815-0.0259i	-0.5117+0.0204i	0.3414-0.2805i	0.5682-0.0801i	-0.7542+0.0918i	-1.4877+0.2278i	0.1160-0.7068i	-0.2403+0.1725i
16.1	0.5503-0.0170i	-0.5236+0.0616i	0.2920-0.3806i	0.6315-0.0950i	-0.7864+0.1286i	-1.6958+0.2767i	-0.0256-0.8617i	-0.2506+0.0124i
16.2	0.6357-0.0188i	-0.5254+0.1018i	0.2678-0.4348i	0.7124-0.1177i	-0.7921+0.1797i	-1.8731+0.3914i	-0.3419-0.9745i	-0.3363-0.0000i
16.3	0.6939-0.0332i	-0.5011+0.1156i	0.2733-0.5218i	0.7764-0.1444i	-0.7797+0.2481i	-2.0091+0.4957i	-0.4771-0.8149i	-0.3320+0.0303i
16.4	0.8371-0.0969i	-0.5247+0.1454i	0.2330-0.7122i	0.9230-0.2146i	-0.7969+0.2785i	-2.3291+0.7032i	-0.6915-0.7661i	-0.4313+0.0344i
16.5	0.9455-0.1281i	-0.5248+0.1737i	0.1571-0.9356i	1.0212-0.2630i	-0.7993+0.3488i	-2.5425+0.8612i	-0.6833-0.7680i	-0.5495+0.1863i
16.6	0.9722-0.1437i	-0.5067+0.1789i	-0.0578-1.0643i	1.0328-0.2943i	-0.7892+0.3365i	-2.6798+0.8977i	-0.7143-0.9396i	-0.1633+0.6389i
16.7	1.1472-0.2018i	-0.5564+0.1912i	-0.2961-1.0541i	1.2095-0.3595i	-0.8750+0.3755i	-3.0580+1.2915i	-1.2229-1.0068i	0.4712-0.2625i
16.8	1.2979-0.2569i	-0.5947+0.2198i	-0.3036-1.0238i	1.3677-0.4248i	-0.9463+0.4232i	-3.1471+1.6143i	-1.4970-0.5638i	-0.4427-0.7370i
16.9	1.2981-0.3127i	-0.6021+0.2582i	-0.1658-1.0500i	1.3772-0.4832i	-0.9894+0.5204i	-3.1140+1.6438i	-1.1848-0.3623i	-0.4549+0.1507i
17.0	1.4795-0.5980i	-0.6197+0.4132i	-0.4213-1.2729i	1.5603-0.8483i	-1.0428+0.7784i	-3.2066+2.6541i	-1.0989-0.0504i	-0.8943-0.2905i
17.1	1.6317-0.9449i	-0.5630+0.5569i	-1.0667-1.7226i	1.6472-1.2951i	-0.9115+1.0571i	-3.2122+3.5340i	-1.4962-0.9694i	-0.7350-1.1078i
17.2	1.6541-1.3821i	-0.4988+0.6852i	-1.3874-1.0137i	1.6187-1.7181i	-0.8222+1.2948i	-2.8303+4.4276i	-2.2596+0.5494i	-1.5401+0.9126i
17.3	1.4647-1.9842i	-0.3210+0.8277i	-1.5310-1.2161i	1.3337-2.3885i	-0.5331+1.6157i	-1.8605+5.6727i	-1.1039+0.6464i	-1.1651+0.9125i
17.4	0.9456-2.4471i	-0.0665+0.8921i	-2.2783-1.0856i	0.6496-2.8408i	-0.0488+1.7565i	-0.0756+6.1618i	-1.7430+0.1818i	-1.1073+0.9898i
17.5	0.5110-2.5831i	0.0814+0.8415i	-2.8488-0.4272i	0.1137-2.8779i	0.2585+1.6582i	0.9115+5.7214i	-2.5669+0.8775i	-1.3603+2.0474i
17.6	-0.0482-2.6420i	0.2341+0.7558i	-2.6269+0.4077i	-0.4596-2.8063i	0.5497+1.5233i	1.7976+5.2875i	-1.8677+2.2664i	0.6144+2.5263i
17.7	-0.6283-2.3193i	0.3352+0.5816i	-2.1699+0.8040i	-1.0136-2.3886i	0.8041+1.2268i	2.7227+4.3454i	-0.6390+2.3511i	0.8773+1.0494i
17.8	-0.9832-2.0835i	0.4058+0.4663i	-2.0262+1.0907i	-1.3480-2.1029i	0.9683+1.0041i	3.3465+3.4970i	-0.0587+2.1363i	0.8482+1.1596i
17.9	-1.0957-1.7919i	0.3968+0.3443i	-1.7841+1.2124i	-1.4338-1.7740i	0.9961+0.7883i	3.3297+2.6734i	0.2322+1.8234i	1.0821+0.7972i
18.0	-1.1689-1.4844i	0.3593+0.2572i	-1.5188+1.2693i	-1.4716-1.4589i	0.9612+0.6073i	3.0945+1.9568i	0.4005+1.4804i	1.0809+0.4517i
18.1	-1.1582-1.2417i	0.2976+0.2021i	-1.3700+1.2100i	-1.4447-1.2191i	0.8780+0.5115i	2.7816+1.5484i	0.4142+1.2147i	0.9299+0.1701i
18.2	-1.1210-1.0008i	0.2456+0.1388i	-1.2109+1.2495i	-1.3888-0.9632i	0.8130+0.3702i	2.4836+1.1491i	0.4168+1.0324i	0.7632+0.0381i

18.3	−1.0534−0.8189i	0.1995+0.1209i	−1.0447+1.2597i	−1.3124−0.7658i	0.7545+0.3086i	2.2435+0.9040i	0.4218+0.8768i	0.6178−0.0628i
18.4	−1.0150−0.6925i	0.1647+0.1178i	−0.8806+1.2828i	−1.2603−0.6306i	0.7102+0.2445i	2.0966+0.6527i	0.3829+0.8274i	0.4902−0.1192i
18.5	−0.8888−0.5696i	0.1417+0.1324i	−0.6957+1.1279i	−1.1118−0.4948i	0.6459+0.2397i	1.8032+0.3652i	0.4291+0.6947i	0.4106−0.0522i
18.6	−0.7798−0.4997i	0.1489+0.1381i	−0.6548+0.8729i	−0.9609−0.4446i	0.6150+0.2006i	1.1920+0.1624i	0.4253+0.4747i	0.3758−0.0377i
18.7	−0.7631−0.4908i	0.1447+0.0988i	−0.8693+0.9131i	−0.9835−0.4467i	0.5841+0.1686i	0.9109+0.6121i	0.2353+0.4558i	0.3551−0.0899i
18.8	−0.7163−0.3915i	0.1103+0.0803i	−0.7644+1.0303i	−0.9337−0.3394i	0.5404+0.1283i	1.0044+0.6636i	0.2326+0.4953i	0.2525−0.1273i
18.9	−0.6731−0.3460i	0.0845+0.0814i	−0.6957+1.0338i	−0.8831−0.2729i	0.5293+0.1331i	0.9920+0.6259i	0.2148+0.4916i	0.2238−0.1226i
19.0	−0.6222−0.2903i	0.0771+0.0852i	−0.6314+1.0358i	−0.8290−0.2052i	0.5115+0.0998i	0.9333+0.5571i	0.2219+0.4881i	0.1905−0.1187i
19.1	−0.5507−0.2708i	0.0684+0.1013i	−0.6045+1.0191i	−0.7454−0.1771i	0.4801+0.1188i	0.8199+0.5671i	0.2286+0.5217i	0.1353−0.1163i
19.2	−0.5111−0.2400i	0.0714+0.1031i	−0.5375+1.0447i	−0.6965−0.1330i	0.4730+0.0777i	0.7797+0.5755i	0.2778+0.4960i	0.1037−0.0909i
19.3	−0.4704−0.2070i	0.0664+0.1093i	−0.4789+1.0813i	−0.6446−0.0876i	0.4634+0.0966i	0.7751+0.6001i	0.2883+0.4728i	0.0889−0.0515i
19.4	−0.4367−0.1760i	0.0726+0.1101i	−0.3613+1.0983i	−0.5956−0.0415i	0.4652+0.0774i	0.7859+0.5798i	0.3373+0.4669i	0.0528−0.0413i
19.5	−0.4097−0.1738i	0.0839+0.1072i	−0.2762+1.0656i	−0.5534−0.0323i	0.4835+0.0654i	0.8031+0.5712i	0.3747+0.4204i	0.0577−0.0303i
19.6	−0.3755−0.1731i	0.0774+0.1063i	−0.2449+0.9923i	−0.5054−0.0380i	0.4771+0.0428i	0.7963+0.5226i	0.3727+0.3610i	0.0592−0.0166i
19.7	−0.3337−0.1858i	0.0788+0.1033i	−0.2657+0.9526i	−0.4700−0.0472i	0.4990+0.0395i	0.7590+0.4837i	0.3952+0.3372i	0.0632−0.0098i
19.8	−0.3060−0.1694i	0.0768+0.0908i	−0.2412+0.9713i	−0.4325−0.0295i	0.4527+0.0017i	0.6910+0.4337i	0.4065+0.3018i	0.0449−0.0009i
19.9	−0.2717−0.1658i	0.0801+0.0903i	−0.1806+0.9534i	−0.3751−0.0270i	0.4297−0.0209i	0.6051+0.4292i	0.3947+0.2535i	0.0517+0.0117i
20.0	−0.2527−0.1622i	0.0859+0.0829i	−0.0946+0.9243i	−0.3334−0.0328i	0.4429−0.0311i	0.5663+0.4277i	0.3880+0.2131i	0.0608+0.0178i
20.1	−0.2377−0.1620i	0.0779+0.0753i	−0.0514+0.8915i	−0.3108−0.0391i	0.4342−0.0291i	0.5463+0.4502i	0.3925+0.1705i	0.0502+0.0415i
20.2	−0.2245−0.1570i	0.0702+0.0659i	0.0197+0.8218i	−0.2845−0.0340i	0.3979−0.0459i	0.5665+0.4299i	0.3776+0.1157i	0.0589+0.0333i
20.3	−0.2033−0.1473i	0.0641+0.0632i	0.0457+0.7324i	−0.2574−0.0499i	0.3938−0.0212i	0.5493+0.4136i	0.3543+0.0946i	0.0671+0.0432i
20.4	−0.1748−0.1580i	0.0546+0.0610i	0.0308+0.6742i	−0.2332−0.0605i	0.3849−0.0278i	0.5170+0.3750i	0.3068+0.0701i	0.0833+0.0409i
20.5	−0.1748−0.1703i	0.0471+0.0648i	0.0049+0.6479i	−0.2410−0.0687i	0.3928−0.0413i	0.4804+0.3602i	0.2851+0.0453i	0.0831+0.0416i
20.6	−0.1546−0.1774i	0.0430+0.0622i	−0.0225+0.6078i	−0.2226−0.0833i	0.4123−0.0631i	0.4269+0.3632i	0.2940+0.0298i	0.0839+0.0433i
20.7	−0.1384−0.1687i	0.0402+0.0581i	−0.0131+0.5849i	−0.2019−0.0845i	0.4182−0.0585i	0.3974+0.3644i	0.2518+0.0164i	0.0957+0.0294i
20.8	−0.1237−0.1823i	0.0354+0.0554i	−0.0324+0.5719i	−0.1967−0.1028i	0.4175−0.0798i	0.3824+0.4012i	0.2250+0.0094i	0.1010+0.0295i
20.9	−0.1141−0.1914i	0.0280+0.0587i	−0.0348+0.5817i	−0.1948−0.1054i	0.4380−0.1148i	0.3720+0.4179i	0.1971−0.0030i	0.1091+0.0248i
21.0	−0.1162−0.1816i	0.0228+0.0694i	−0.0197+0.5905i	−0.1941−0.0974i	0.4846−0.1438i	0.3852+0.4395i	0.1669+0.0009i	0.1177+0.0143i
21.1	−0.1185−0.2004i	0.0216+0.0629i	−0.0051+0.5752i	−0.1859−0.1036i	0.4370−0.1499i	0.3706+0.4488i	0.1418+0.0100i	0.1195+0.0042i
21.2	−0.1097−0.2029i	0.0157+0.0704i	−0.0405+0.5664i	−0.1910−0.1111i	0.4639−0.1759i	0.3458+0.4827i	0.1690−0.0104i	0.1173−0.0007i
21.3	−0.0974−0.1958i	0.0070+0.0827i	−0.0594+0.5500i	−0.1858−0.0968i	0.4677−0.2150i	0.3200+0.4786i	0.1584−0.0123i	0.1254−0.0055i
21.4	−0.1121−0.1876i	0.0147+0.0998i	−0.0186+0.5569i	−0.1855−0.0715i	0.4382−0.2559i	0.3740+0.5140i	0.1336−0.0348i	0.1229−0.0248i
21.5	−0.1297−0.1902i	0.0198+0.1161i	0.0584+0.5930i	−0.2015−0.0505i	0.4498−0.3470i	0.5068+0.5372i	0.1152−0.0071i	0.1334−0.0555i
21.6	−0.1221−0.2060i	0.0281+0.1349i	0.0801+0.5608i	−0.1805−0.0574i	0.3999−0.4132i	0.5288+0.4921i	0.0934−0.0162i	0.1244−0.0726i
21.7	−0.1232−0.1979i	0.0518+0.1516i	0.1165+0.5437i	−0.1587−0.0209i	0.3174−0.4642i	0.5480+0.4609i	0.0689−0.0225i	0.0976−0.0824i
21.8	−0.1381−0.1971i	0.0857+0.1554i	0.1379+0.5257i	−0.1569−0.0211i	0.2613−0.4705i	0.5556+0.4412i	0.0669−0.0110i	0.0774−0.0947i
21.9	−0.1449−0.1805i	0.1082+0.1420i	0.1557+0.4641i	−0.1445−0.0140i	0.1909−0.4832i	0.5542+0.3772i	0.0653+0.0035i	0.0554−0.0965i
22.0	−0.1359−0.1611i	0.1313+0.1310i	0.1699+0.4267i	−0.1144−0.0099i	0.0987−0.4913i	0.5594+0.3409i	0.0770−0.0160i	0.0359−0.0933i
22.1	−0.1544−0.1470i	0.1540+0.1101i	0.1483+0.3709i	−0.0952−0.0107i	0.0293−0.4181i	0.5191+0.2897i	0.1052−0.0216i	0.0119−0.0748i
22.2	−0.1588−0.1527i	0.1715+0.0989i	0.1779+0.3408i	−0.1025−0.0221i	−0.0088−0.3984i	0.5659+0.2596i	0.0499−0.0006i	0.0108−0.0778i
22.3	−0.1437−0.1223i	0.1705+0.0696i	0.1730+0.3021i	−0.0810−0.0258i	0.0014−0.3374i	0.5508+0.2325i	0.0356−0.0303i	0.0046−0.0511i
22.4	−0.1115−0.1056i	0.1685+0.0463i	0.1499+0.2725i	−0.0569−0.0149i	0.0031−0.3060i	0.5335+0.2084i	0.0118−0.0237i	0.0132−0.0390i
22.5	−0.1140−0.1085i	0.1773+0.0159i	0.1413+0.2222i	−0.0638−0.0315i	0.0197−0.2627i	0.5271+0.1359i	−0.0113+0.0154i	0.0173−0.0434i
22.6	−0.1098−0.0966i	0.1743+0.0275i	0.1293+0.2137i	−0.0582−0.0213i	−0.0127−0.2627i	0.5101+0.1362i	0.0062+0.0363i	0.0207−0.0329i
22.7	−0.1065−0.0861i	0.1604+0.0071i	0.1208+0.1986i	−0.0619−0.0261i	−0.0165−0.2624i	0.5083+0.0965i	−0.0026+0.0212i	0.0269−0.0308i
22.8	−0.0970−0.0902i	0.1523−0.0303i	0.0954+0.1891i	−0.0591−0.0360i	0.0337−0.2687i	0.4911+0.0979i	0.0353+0.0218i	0.0288−0.0266i
22.9	−0.0720−0.0828i	0.1463−0.0393i	0.0737+0.1635i	−0.0423−0.0303i	0.0535−0.2474i	0.4671+0.0527i	0.0263+0.0211i	0.0331−0.0250i
23.0	−0.0656−0.0656i	0.1120−0.0501i	0.0456+0.1454i	−0.0319−0.0199i	−0.0184−0.2803i	0.4029+0.0104i	0.0259+0.0583i	0.0237−0.0329i
23.1	−0.0563−0.0685i	0.0944−0.0445i	0.0413+0.1377i	−0.0196−0.0174i	−0.0643−0.2662i	0.3943−0.0066i	−0.0095+0.0717i	0.0155−0.0501i
23.2	−0.0498−0.0708i	0.0812−0.0660i	0.0281+0.1319i	−0.0146−0.0199i	−0.0639−0.2827i	0.3666−0.0096i	−0.0139+0.0241i	0.0188−0.0362i
23.3	−0.0374−0.0593i	0.0460−0.1099i	0.0245+0.1357i	−0.0067−0.0182i	−0.0895−0.3408i	0.3184−0.0366i	0.0259+0.0521i	0.0109−0.0363i
23.4	−0.0524−0.0495i	0.0552−0.1004i	0.0212+0.1458i	−0.0212−0.0083i	−0.0910−0.2966i	0.3399−0.0631i	0.0178+0.0673i	0.0172−0.0467i
23.5	−0.0363−0.0485i	0.0274−0.0879i	0.0005+0.1259i	−0.0049−0.0075i	−0.1463−0.2837i	0.3038−0.0654i	0.0067+0.0545i	0.0164−0.0484i
23.6	−0.0293−0.0516i	−0.0046−0.0743i	−0.0088+0.1093i	0.0015−0.0106i	−0.1833−0.2359i	0.2540−0.0491i	0.0199+0.0718i	0.0049−0.0360i
23.7	−0.0214−0.0550i	0.0011−0.0725i	−0.0146+0.1061i	0.0057−0.0170i	−0.1649−0.2302i	0.2465−0.0475i	0.0215+0.0590i	0.0089−0.0363i
23.8	−0.0088−0.0384i	0.0022−0.0564i	−0.0289+0.1130i	0.0238−0.0150i	−0.1473−0.2020i	0.2237−0.0530i	−0.0103+0.0431i	0.0081−0.0419i
23.9	−0.0183−0.0309i	0.0060−0.0507i	−0.0386+0.1120i	0.0040+0.0049i	−0.1669−0.1623i	0.2190−0.0566i	0.0204+0.0742i	0.0053−0.0424i
24.0	0.0031−0.0178i	−0.0124−0.0405i	−0.0383+0.1034i	0.0272+0.0047i	−0.1678−0.1334i	0.2016−0.0583i	0.0583+0.0435i	0.0050−0.0301i
24.1	0.0187−0.0147i	−0.0026−0.0290i	−0.0565+0.1134i	0.0441+0.0027i	−0.1221−0.0947i	0.1687−0.0491i	0.0489+0.0222i	−0.0038−0.0308i
24.2	0.0173−0.0165i	−0.0048−0.0261i	−0.0604+0.1029i	0.0455−0.0001i	−0.1410−0.0909i	0.1488−0.0646i	0.0317+0.0368i	−0.0049−0.0339i
24.3	0.0242−0.0266i	−0.0116−0.0085i	−0.0632+0.0981i	0.0540+0.0050i	−0.1536−0.0702i	0.1429−0.0478i	0.0253+0.0376i	−0.0121−0.0332i
24.4	0.0250−0.0178i	−0.0216−0.0006i	−0.0624+0.1050i	0.0485−0.0019i	−0.1595−0.0476i	0.1417−0.0517i	0.0621+0.0309i	−0.0169−0.0198i
24.5	0.0417−0.0162i	−0.0227+0.0035i	−0.0748+0.1037i	0.0710−0.0047i	−0.1322−0.0472i	0.1301−0.0541i	0.0236+0.0521i	−0.0046−0.0245i

24.6	0.0467-0.0162i	-0.0171-0.0051i	-0.0668+0.1071i	0.0687+0.0029i	-0.1250-0.0501i	0.1395-0.0551i	0.0414+0.0583i	-0.0049-0.0256i
24.7	0.0518-0.0096i	-0.0044-0.0029i	-0.0737+0.1043i	0.0766+0.0019i	-0.0941-0.0267i	0.1194-0.0698i	0.0581+0.0239i	-0.0083-0.0221i
24.8	0.0610-0.0160i	-0.0090+0.0027i	-0.0874+0.1097i	0.0873+0.0057i	-0.1121-0.0065i	0.0952-0.0540i	0.0407+0.0203i	-0.0143-0.0218i
24.9	0.0712-0.0131i	-0.0185+0.0130i	-0.0860+0.1008i	0.0886+0.0064i	-0.1141-0.0220i	0.1048-0.0543i	0.0355+0.0114i	-0.0029-0.0254i
25.0	0.0716-0.0136i	-0.0147+0.0129i	-0.0713+0.1042i	0.0942-0.0002i	-0.1071-0.0057i	0.1027-0.0630i	0.0295-0.0091i	-0.0075-0.0224i
25.1	0.0876-0.0113i	-0.0099+0.0093i	-0.0640+0.1013i	0.1041+0.0122i	-0.1076-0.0292i	0.1076-0.0618i	0.0128-0.0128i	-0.0043-0.0246i
25.2	0.0949+0.0054i	-0.0008+0.0100i	-0.0707+0.0882i	0.1113+0.0181i	-0.0850+0.0029i	0.0814-0.0743i	0.0040-0.0305i	0.0055-0.0131i
25.3	0.0897+0.0014i	-0.0017+0.0102i	-0.0583+0.0980i	0.1087+0.0065i	-0.1069-0.0150i	0.0898-0.0775i	-0.0107-0.0232i	0.0007-0.0109i
25.4	0.0920-0.0050i	-0.0058+0.0187i	-0.0682+0.1104i	0.1244+0.0066i	-0.0541+0.0186i	0.0768-0.0701i	-0.0155-0.0078i	-0.0056-0.0106i
25.5	0.1103-0.0001i	-0.0002+0.0143i	-0.0791+0.0989i	0.1249+0.0120i	-0.0641-0.0211i	0.0781-0.0754i	0.0035-0.0192i	-0.0034-0.0097i
25.6	0.1160-0.0002i	-0.0096+0.0145i	-0.0834+0.0786i	0.1416+0.0037i	-0.0770+0.0162i	0.0401-0.0820i	0.0000+0.0073i	0.0026-0.0091i
25.7	0.1245+0.0019i	-0.0056+0.0253i	-0.0818+0.0684i	0.1446+0.0066i	-0.0618+0.0119i	0.0643-0.1139i	0.0063-0.0105i	0.0017-0.0116i
25.8	0.1276-0.0002i	-0.0075+0.0255i	-0.1035+0.0635i	0.1502+0.0089i	-0.0587+0.0148i	0.0478-0.0829i	-0.0109-0.0159i	-0.0099-0.0100i
25.9	0.1352-0.0108i	-0.0124+0.0244i	-0.0896+0.0664i	0.1481-0.0060i	-0.0765+0.0112i	0.0389-0.0684i	0.0009+0.0263i	-0.0148-0.0009i
26.0	0.1474-0.0085i	-0.0131+0.0129i	-0.0867+0.0587i	0.1502-0.0083i	-0.0387-0.0187i	0.0402-0.0670i	0.0113-0.0095i	-0.0040+0.0038i
26.1	0.1462-0.0026i	-0.0142+0.0140i	-0.0792+0.0635i	0.1561-0.0021i	-0.0398+0.0145i	0.0490-0.0861i	-0.0572+0.0128i	0.0118-0.0091i
26.2	0.1626-0.0095i	-0.0042+0.0210i	-0.1036+0.0796i	0.1767-0.0083i	-0.0413+0.0087i	0.0122-0.0785i	-0.0004+0.0189i	0.0005-0.0056i
26.3	0.1580-0.0133i	-0.0125+0.0245i	-0.1230+0.0846i	0.1736-0.0190i	-0.0501+0.0236i	0.0054-0.1023i	-0.0560-0.0161i	-0.0033+0.0064i
26.4	0.1727-0.0012i	-0.0219+0.0321i	-0.1305+0.0549i	0.1872+0.0012i	-0.0447+0.0235i	0.0163-0.1570i	-0.0725+0.0072i	0.0014-0.0038i
26.5	0.1720+0.0081i	-0.0215+0.0308i	-0.1094+0.0893i	0.1832+0.0047i	-0.0556+0.0209i	0.0191-0.1488i	-0.0486-0.0200i	0.0111-0.0006i
26.6	0.1892-0.0038i	-0.0059+0.0426i	-0.1043+0.0848i	0.2029+0.0012i	-0.0382+0.0299i	-0.0100-0.1666i	-0.0148+0.0273i	-0.0124-0.0121i
26.7	0.1888+0.0004i	-0.0080+0.0450i	-0.1126+0.0784i	0.2017+0.0040i	-0.0311+0.0309i	0.0031-0.1511i	-0.0123+0.0254i	-0.0028-0.0128i
26.8	0.1889+0.0053i	-0.0073+0.0375i	-0.0896+0.0659i	0.2060+0.0068i	-0.0131+0.0430i	-0.0024-0.1499i	-0.0036-0.0024i	0.0041-0.0093i
26.9	0.2071-0.0021i	-0.0038+0.0549i	-0.1150+0.0883i	0.2114+0.0060i	-0.0351+0.0415i	-0.0362-0.1802i	-0.0484-0.0472i	-0.0077-0.0011i
27.0	0.2117-0.0012i	0.0022+0.0554i	-0.1198+0.0948i	0.2239+0.0015i	-0.0096+0.0309i	-0.0566-0.1911i	-0.1193+0.0456i	-0.0073-0.0044i
27.1	0.2271-0.0027i	0.0192+0.0638i	-0.1027+0.1328i	0.2415-0.0000i	-0.0058+0.0375i	-0.1191-0.1868i	-0.1454+0.0974i	0.0049-0.0092i
27.2	0.2149-0.0037i	0.0172+0.0693i	-0.0856+0.0964i	0.2340+0.0035i	-0.0048+0.0764i	-0.0777-0.2013i	-0.0175+0.0509i	-0.0052-0.0228i
27.3	0.2332-0.0003i	0.0103+0.0567i	-0.0794+0.0786i	0.2439+0.0066i	0.0093+0.0423i	-0.0526-0.1802i	-0.0841+0.0116i	-0.0032-0.0097i
27.4	0.2362-0.0038i	0.0406+0.0781i	-0.0755+0.1221i	0.2582+0.0086i	0.0344+0.0487i	-0.1204-0.2066i	-0.1142+0.0544i	-0.0033-0.0238i
27.5	0.2445-0.0034i	0.0686+0.0953i	-0.0712+0.1412i	0.2697+0.0077i	0.0434+0.0475i	-0.1556-0.2700i	-0.1156+0.0274i	-0.0035-0.0277i
27.6	0.2495-0.0005i	0.0727+0.0610i	-0.0398+0.1080i	0.2777+0.0003i	0.0406+0.0426i	-0.1904-0.2114i	-0.1379+0.1574i	-0.0155-0.0378i
27.7	0.2423+0.0012i	0.0688+0.0318i	-0.0386+0.0756i	0.2829+0.0015i	0.0307+0.0319i	-0.1640-0.1750i	-0.1229+0.1202i	-0.0186-0.0262i
27.8	0.2491+0.0039i	0.0593+0.0124i	-0.0220+0.0449i	0.2841-0.0053i	0.0175+0.0205i	-0.1534-0.1456i	-0.0747+0.1201i	-0.0177-0.0103i
27.9	0.2582-0.0031i	0.0701-0.0226i	-0.0032+0.0648i	0.2967-0.0190i	0.0281-0.0088i	-0.2124-0.0893i	-0.0517+0.1321i	-0.0199-0.0133i
28.0	0.2753+0.0084i	0.0526-0.0215i	-0.0135+0.0368i	0.3132-0.0065i	0.0069-0.0033i	-0.1688-0.0995i	-0.0658+0.1847i	-0.0226-0.0144i
28.1	0.2815+0.0261i	0.0461-0.0130i	-0.0295+0.0195i	0.3180+0.0049i	0.0155-0.0018i	-0.1476-0.1485i	-0.1039+0.1324i	-0.0166-0.0073i
28.2	0.2922+0.0108i	0.0598-0.0213i	-0.0085+0.0463i	0.3371-0.0006i	-0.0066-0.0072i	-0.1950-0.1506i	-0.1649+0.1823i	-0.0132-0.0161i
28.3	0.2949+0.0079i	0.0521-0.0161i	0.0001+0.0276i	0.3397-0.0110i	-0.0195-0.0060i	-0.1567-0.1618i	-0.0875+0.2209i	-0.0143-0.0216i
28.4	0.3002+0.0168i	0.0341-0.0188i	-0.0031+0.0060i	0.3373-0.0101i	-0.0120+0.0073i	-0.1241-0.1352i	-0.1419+0.1741i	0.0072-0.0067i
28.5	0.2942+0.0365i	0.0223-0.0235i	-0.0152-0.0198i	0.3244-0.0029i	-0.0105+0.0317i	-0.0975-0.1708i	-0.0579+0.1336i	-0.0122-0.0057i
28.6	0.3092+0.0285i	0.0172-0.0269i	-0.0218-0.0150i	0.3483-0.0105i	-0.0110+0.0188i	-0.1368-0.1724i	-0.0513+0.1625i	-0.0265-0.0035i
28.7	0.3322+0.0325i	0.0177-0.0299i	-0.0236-0.0224i	0.3597-0.0070i	-0.0205+0.0151i	-0.1402-0.2134i	-0.1144+0.2698i	-0.0066-0.0115i
28.8	0.3417+0.0211i	0.0170-0.0334i	-0.0252-0.0247i	0.3690-0.0155i	-0.0193+0.0083i	-0.1722-0.2262i	-0.0097+0.2668i	-0.0105-0.0005i
28.9	0.3565+0.0286i	0.0121-0.0158i	-0.0232-0.0317i	0.3806-0.0049i	-0.0048+0.0204i	-0.1200-0.2519i	-0.0610+0.2581i	-0.0084-0.0151i
29.0	0.3619+0.0387i	0.0111-0.0100i	-0.0346-0.0312i	0.3880-0.0062i	0.0024+0.0248i	-0.1499-0.2903i	0.0493+0.2536i	-0.0217-0.0312i
29.1	0.3765+0.0330i	0.0234-0.0171i	-0.0346-0.0272i	0.4187-0.0108i	-0.0158+0.0307i	-0.2115-0.2967i	0.1250+0.2409i	-0.0280-0.0304i
29.2	0.3981+0.0234i	0.0228-0.0314i	-0.0263-0.0364i	0.4357-0.0199i	0.0121+0.0389i	-0.2402-0.3094i	0.0454+0.2974i	-0.0214-0.0289i
29.3	0.4121+0.0172i	0.0162-0.0304i	-0.0272-0.0202i	0.4415-0.0315i	-0.0222+0.0396i	-0.2757-0.2977i	0.0637+0.2450i	-0.0209-0.0255i
29.4	0.4222+0.0119i	0.0124-0.0259i	-0.0169-0.0424i	0.4432-0.0368i	0.0246+0.0342i	-0.2820-0.2958i	0.2198+0.1451i	-0.0644-0.0258i
29.5	0.4302+0.0165i	-0.0048-0.0182i	-0.0228-0.0519i	0.4388-0.0295i	0.0227+0.0285i	-0.2739-0.3108i	0.2012+0.1341i	-0.0647-0.0272i
29.6	0.4284+0.0179i	-0.0189-0.0180i	-0.0308-0.0508i	0.4419-0.0265i	0.0345+0.0303i	-0.3024-0.3034i	0.1809+0.1657i	-0.0453-0.0238i
29.7	0.4323+0.0142i	-0.0241-0.0525i	0.0072-0.0505i	0.4572-0.0454i	0.0046+0.0264i	-0.2943-0.3004i	0.2157+0.1509i	-0.0779+0.0175i
29.8	0.4545+0.0118i	0.0151-0.0319i	-0.0362-0.0452i	0.4795-0.0305i	0.0324+0.0347i	-0.3644-0.3224i	0.1800+0.1138i	-0.0708-0.0013i
29.9	0.4654-0.0014i	-0.0151-0.0175i	-0.0121-0.0470i	0.4835-0.0319i	0.0051+0.0302i	-0.3484-0.3271i	0.3864+0.0653i	-0.0755-0.0068i
30.0	0.4732+0.0091i	-0.0352-0.0149i	0.0079-0.0862i	0.4771-0.0272i	0.0428+0.0156i	-0.3241-0.3537i	0.3780-0.0831i	-0.0565+0.0230i
30.1	0.4938+0.0107i	-0.0264+0.0124i	0.0041-0.0868i	0.4974-0.0228i	-0.0025+0.0099i	-0.3439-0.3811i	0.2128-0.1683i	-0.0485+0.0131i
30.2	0.4991+0.0084i	-0.0318+0.0329i	0.0436-0.1132i	0.5214-0.0252i	0.0197+0.0111i	-0.3576-0.4012i	0.2248-0.1670i	-0.0578+0.0144i
30.3	0.4976-0.0020i	-0.0337+0.0207i	0.0389-0.1198i	0.5206-0.0296i	0.0289+0.0253i	-0.3759-0.3834i	0.1760-0.1189i	-0.0541+0.0115i
30.4	0.5194-0.0084i	-0.0454+0.0105i	0.0351-0.1445i	0.5229-0.0442i	0.0327+0.0469i	-0.4224-0.3735i	0.1948-0.0926i	-0.0623+0.0075i
30.5	0.5276+0.0112i	-0.0923+0.0218i	0.0303-0.1724i	0.5196-0.0345i	0.0529+0.0415i	-0.4295-0.3982i	0.1160-0.1933i	-0.0205+0.0334i
30.6	0.5453-0.0058i	-0.0556+0.0107i	0.0107-0.1739i	0.5508-0.0394i	0.0366+0.0244i	-0.4963-0.4326i	0.0984-0.2357i	-0.0302+0.0103i
30.7	0.5767-0.0202i	-0.0389+0.0277i	0.0129-0.1939i	0.5830-0.0608i	0.0415+0.0360i	-0.5399-0.4686i	0.0659-0.2601i	-0.0671+0.0099i
30.8	0.5843-0.0401i	-0.0490+0.0277i	0.0069-0.2225i	0.5983-0.0822i	0.0360+0.0226i	-0.5814-0.4467i	-0.0517-0.2539i	-0.0435+0.0392i

30.9	0.5890-0.0244i	-0.0857-0.0447i	0.0275-0.1827i	0.5720-0.1034i	0.0511+0.0489i	-0.6821-0.3950i	-0.1186-0.1982i	-0.0407+0.0779i
31.0	0.6102-0.0319i	-0.0654-0.0050i	0.0066-0.2214i	0.6078-0.0897i	0.0309+0.0422i	-0.7382-0.3964i	-0.2443-0.2375i	-0.0273+0.0504i
31.1	0.6240-0.0339i	-0.0369+0.0325i	-0.0212-0.2705i	0.6353-0.0785i	0.0254+0.0167i	-0.7386-0.4297i	-0.2735-0.2392i	-0.0188+0.0510i
31.2	0.6321-0.0500i	-0.0158+0.1265i	-0.0439-0.3188i	0.6507-0.0621i	0.0310+0.0615i	-0.7496-0.4368i	-0.2996-0.2327i	-0.0096+0.0464i
31.3	0.6383-0.0516i	-0.0651+0.0799i	-0.0327-0.2908i	0.6439-0.0800i	0.0236+0.0683i	-0.8393-0.3422i	-0.4167-0.1318i	-0.0234+0.0461i
31.4	0.6522-0.0458i	-0.1168+0.0671i	0.0015-0.2924i	0.6229-0.0771i	0.0450+0.0444i	-0.8593-0.3044i	-0.4412-0.0919i	-0.0122+0.0415i
31.5	0.6498-0.0323i	0.1483+0.1267i	-0.1454-0.3403i	0.7359-0.0537i	0.0264+0.0165i	-0.8289-0.4162i	-0.4442+0.0014i	-0.0663+0.0113i
31.6	0.6523-0.0554i	0.2456+0.1895i	-0.2182-0.3858i	0.7973-0.0302i	0.0520+0.0407i	-0.7925-0.4158i	-0.4283+0.0760i	-0.0747-0.0172i
31.7	0.6674-0.0857i	0.1210+0.3298i	-0.1341-0.4605i	0.7447-0.0077i	0.0490+0.0595i	-0.7586-0.2552i	-0.3442+0.0876i	-0.0336-0.0355i
31.8	0.6916-0.0562i	0.1830+0.1571i	-0.1703-0.3642i	0.7931-0.0526i	0.0802+0.0384i	-0.8613-0.2695i	-0.3001+0.1802i	-0.0558-0.0106i
31.9	0.7139-0.0657i	0.0649+0.1356i	-0.0935-0.3562i	0.7562-0.0731i	0.0655+0.0461i	-0.8851-0.1636i	-0.2231+0.3276i	-0.0235-0.0072i
32.0	0.7146-0.0861i	0.0992+0.2450i	-0.1362-0.4361i	0.7845-0.0434i	0.0975+0.0326i	-0.8279-0.1112i	-0.2885+0.2293i	-0.0185-0.0131i
32.1	0.7286-0.0833i	0.1328+0.2051i	-0.2008-0.4001i	0.8218-0.0661i	0.0589+0.0115i	-0.7854-0.1270i	-0.2543+0.2405i	-0.0081-0.0034i
32.2	0.7140-0.0832i	0.2251+0.3030i	-0.2188-0.4925i	0.8409-0.0221i	0.0837+0.0144i	-0.7274-0.1211i	-0.2993+0.1898i	-0.0208-0.0365i
32.3	0.7737-0.0638i	0.2282+0.0363i	-0.1957-0.3329i	0.9021-0.1209i	0.0812+0.0582i	-0.9542-0.2335i	-0.2791+0.2955i	-0.0865+0.0191i
32.4	0.7926-0.0937i	0.2380+0.0634i	-0.1908-0.3412i	0.9297-0.1532i	0.0590+0.0900i	-0.9649-0.2326i	-0.1649+0.3010i	-0.0967-0.0034i
32.5	0.7766-0.0979i	0.3274+0.1224i	-0.3102-0.4159i	0.9472-0.1190i	0.0955+0.0481i	-0.8276-0.1468i	-0.1807+0.2499i	-0.0774-0.0122i
32.6	0.7885-0.1022i	0.3226+0.1439i	-0.3120-0.4556i	0.9402-0.1077i	0.0994+0.0374i	-0.7974-0.0409i	-0.1289+0.1651i	-0.0768+0.0040i
32.7	0.8474-0.1110i	0.2567+0.1054i	-0.2543-0.4079i	0.9803-0.1608i	0.1072+0.0740i	-0.9082+0.0032i	-0.0922+0.2565i	-0.0706+0.0431i
32.8	0.8577-0.1112i	0.2376+0.0614i	-0.2452-0.3647i	0.9867-0.1780i	0.1160+0.0694i	-0.9383-0.0545i	-0.0896+0.3174i	-0.0593+0.0489i
32.9	0.8877-0.1038i	0.2840-0.0597i	-0.3207-0.3348i	1.0311-0.2040i	0.1362+0.0140i	-0.8919-0.1134i	-0.1244+0.3168i	-0.0737+0.0310i
33.0	0.9292-0.0846i	0.1979-0.1387i	-0.3215-0.2657i	1.0433-0.2187i	0.1021+0.0377i	-0.9233-0.1688i	-0.0878+0.2428i	-0.0825+0.0398i
33.1	0.9360-0.1274i	0.1967-0.0352i	-0.2885-0.2590i	1.0537-0.2134i	0.1119+0.0663i	-0.9533-0.1356i	-0.1365+0.2834i	-0.0779+0.0436i
33.2	0.9253-0.1252i	0.2238-0.0940i	-0.3308-0.2627i	1.0515-0.2364i	0.0846+0.0269i	-0.8955-0.1309i	-0.1695+0.3290i	-0.0561+0.0596i
33.3	0.9721-0.1210i	0.1402-0.1215i	-0.2783-0.1910i	1.0669-0.2482i	0.0982+0.0373i	-0.9811-0.1923i	-0.1228+0.2956i	-0.0571+0.0232i
33.4	0.9699-0.1105i	0.1866-0.1244i	-0.2301-0.2346i	1.0884-0.2369i	0.1309+0.0022i	-0.9445-0.0945i	-0.0410+0.3343i	-0.0614+0.0411i
33.5	0.9639-0.1049i	0.2265-0.0972i	-0.2183-0.2422i	1.1128-0.2172i	0.1452+0.0210i	-0.9303-0.0875i	-0.0555+0.2894i	-0.0978+0.0422i
33.6	1.0014-0.0853i	0.2216-0.0534i	-0.1553-0.2289i	1.1490-0.1794i	0.1475+0.0290i	-1.0104-0.0800i	-0.0652+0.3375i	-0.1127+0.0535i
33.7	1.0443-0.0156i	0.2579-0.0751i	-0.1323-0.2162i	1.2297-0.1206i	0.1320+0.0013i	-1.0159-0.1404i	-0.0266+0.2603i	-0.1435+0.0386i
33.8	1.1672+0.0150i	0.2002-0.1775i	-0.0763-0.2194i	1.3428-0.1491i	0.1116-0.0224i	-1.1106-0.2184i	-0.1046+0.3044i	-0.1757+0.0951i
33.9	1.2387+0.0196i	0.2168-0.2390i	-0.1099-0.2800i	1.4471-0.1762i	0.1165-0.0763i	-1.0575-0.2945i	-0.1257+0.3493i	-0.1650+0.1148i
34.0	1.3019-0.0043i	0.2239-0.2507i	-0.1270-0.3998i	1.5184-0.2163i	0.0865-0.0595i	-0.9847-0.2086i	-0.0933+0.3483i	-0.1323+0.1096i
34.1	1.4357-0.0649i	0.2026-0.2493i	-0.0296-0.4885i	1.6554-0.2960i	0.0679-0.0667i	-1.1831-0.1385i	-0.0878+0.4063i	-0.1373+0.1753i
34.2	1.5474-0.1465i	0.1735-0.3515i	-0.0778-0.5625i	1.7596-0.4455i	0.0837-0.0843i	-1.2721-0.0949i	0.0197+0.4813i	-0.1239+0.2501i
34.3	1.6145-0.1618i	0.1330-0.3856i	-0.2051-0.5547i	1.8153-0.4912i	0.0405-0.0497i	-1.2826-0.2119i	0.0954+0.4289i	-0.1136+0.2259i
34.4	1.6513-0.2327i	0.0985-0.3896i	-0.2816-0.5564i	1.8268-0.5712i	0.0061-0.0538i	-1.2614-0.1097i	0.0917+0.4117i	-0.0914+0.2597i
34.5	1.7347-0.3171i	0.0427-0.3935i	-0.2961-0.5843i	1.8814-0.7052i	0.0144-0.0393i	-1.2901-0.0128i	0.1353+0.4238i	-0.0358+0.3300i
34.6	1.7263-0.4012i	0.0053-0.3918i	-0.3742-0.6221i	1.8471-0.7950i	0.0450-0.0449i	-1.1951+0.1040i	0.1250+0.4325i	0.0103+0.3443i
34.7	1.8194-0.4710i	0.0012-0.4150i	-0.4044-0.5945i	1.9222-0.8890i	-0.0005-0.0076i	-1.2197+0.1128i	0.1884+0.4552i	0.0315+0.3683i
34.8	1.8704-0.5285i	-0.0194-0.4439i	-0.4190-0.5690i	1.9758-0.9946i	0.0365+0.0037i	-1.1961+0.1059i	0.1605+0.4060i	0.0528+0.3826i
34.9	1.9222-0.6195i	-0.0753-0.4674i	-0.4406-0.5178i	2.0012-1.1201i	0.0067+0.0143i	-1.2052+0.0401i	0.2366+0.4481i	0.0991+0.3777i
35.0	1.9641-0.7241i	-0.1013-0.4541i	-0.4490-0.5162i	2.0125-1.2438i	0.0296+0.0377i	-1.1722+0.0332i	0.2717+0.3680i	0.1545+0.3655i
35.1	1.9980-0.8042i	-0.1456-0.4502i	-0.4925-0.4940i	2.0041-1.3317i	0.0269+0.0372i	-1.0966-0.0002i	0.2936+0.3483i	0.2002+0.3385i
35.2	2.0379-0.9293i	-0.1849-0.4592i	-0.4744-0.4790i	2.0031-1.4878i	0.0218+0.0377i	-1.1604-0.0506i	0.4188+0.2486i	0.2554+0.3099i
35.3	2.0640-1.0460i	-0.2518-0.4347i	-0.4745-0.4551i	1.9761-1.6041i	0.0474+0.0462i	-1.1628-0.1655i	0.4789+0.2016i	0.3189+0.2962i
35.4	2.0630-1.1160i	-0.2504-0.3788i	-0.5355-0.3984i	1.9710-1.6425i	0.0223+0.0228i	-1.0858-0.3675i	0.3447+0.2217i	0.2669+0.2247i
35.5	1.9714-1.2161i	-0.2342-0.3061i	-0.5684-0.4200i	1.8855-1.6897i	-0.0111+0.0111i	-1.0521-0.4185i	0.2570+0.0979i	0.2405+0.0993i
35.6	1.9786-1.3687i	-0.2726-0.2975i	-0.5480-0.4488i	1.8300-1.8596i	-0.0026+0.0360i	-1.2711-0.4504i	0.3327-0.0326i	0.2895+0.1061i
35.7	1.9763-1.4340i	-0.3113-0.2492i	-0.5558-0.4604i	1.7842-1.8980i	0.0202+0.0248i	-1.4416-0.5196i	0.2492-0.0900i	0.3216+0.0609i
35.8	1.9189-1.5132i	-0.3106-0.2348i	-0.5772-0.4253i	1.7061-1.9730i	-0.0053+0.0601i	-1.5976-0.5063i	0.1879-0.1087i	0.2955+0.0581i
35.9	1.8885-1.5873i	-0.2815-0.2478i	-0.6500-0.3876i	1.6929-2.0576i	-0.0177+0.0512i	-1.6168-0.5440i	0.0246-0.0998i	0.2541+0.0772i
36.0	1.8519-1.6885i	-0.3389-0.2154i	-0.6603-0.3948i	1.5778-2.1344i	-0.0125+0.1177i	-1.7945-0.5132i	-0.0194-0.0525i	0.2943+0.0794i
36.1	1.8615-1.7789i	-0.3602-0.2129i	-0.6881-0.3711i	1.5650-2.2284i	-0.0100+0.0908i	-1.9591-0.4191i	-0.0302-0.0358i	0.3157+0.0453i
36.2	1.8254-1.8123i	-0.3463-0.2329i	-0.6881-0.3087i	1.5236-2.2613i	-0.0114+0.1221i	-2.0458-0.3886i	-0.0393-0.0376i	0.3141+0.0418i
36.3	1.7747-1.8625i	-0.3555-0.1641i	-0.6609-0.3028i	1.4391-2.2636i	-0.0051+0.1252i	-2.1907-0.2505i	-0.0999+0.0152i	0.3320-0.0305i
36.4	1.8141-1.9853i	-0.3922-0.1400i	-0.6439-0.2830i	1.4519-2.3574i	-0.0227+0.1524i	-2.3732-0.1300i	-0.1483+0.0380i	0.3625-0.0427i
36.5	1.8393-2.0561i	-0.4192-0.1359i	-0.6073-0.2879i	1.4606-2.4344i	-0.0178+0.1803i	-2.3881-0.0384i	-0.1775+0.1280i	0.3446-0.0354i
36.6	1.7878-2.1154i	-0.4054-0.1311i	-0.5871-0.2203i	1.4279-2.4890i	-0.0020+0.2067i	-2.4865-0.0593i	-0.1385+0.2457i	0.3513-0.0417i
36.7	1.7894-2.2529i	-0.4462-0.1171i	-0.5199-0.2195i	1.3746-2.6273i	0.0258+0.2469i	-2.6623+0.1044i	-0.1106+0.2561i	0.3963-0.0806i
36.8	1.7304-2.3095i	-0.4823-0.0858i	-0.4680-0.2608i	1.2859-2.6446i	0.0705+0.2473i	-2.7169+0.3327i	-0.0654+0.2268i	0.3695-0.1232i
36.9	1.7387-2.4641i	-0.4881-0.0668i	-0.4565-0.2411i	1.2746-2.7898i	0.0712+0.2889i	-2.8483+0.4460i	-0.0577+0.2794i	0.3790-0.1485i
37.0	1.6258-2.5554i	-0.4838-0.0210i	-0.4294-0.2576i	1.1625-2.8611i	0.1208+0.3467i	-2.8600+0.4551i	0.0324+0.3783i	0.3983-0.1422i
37.1	1.6049-2.6587i	-0.4855-0.0102i	-0.4310-0.3232i	1.0933-2.9391i	0.1913+0.3343i	-3.0466+0.7112i	0.0736+0.2983i	0.4296-0.2257i

37.2	1.5401-2.7536i	-0.5050-0.0041i	-0.4282-0.3150i	1.0324-3.0144i	0.2071+0.3723i	-2.9948+0.8982i	0.0974+0.2507i	0.4298-0.3698i
37.3	1.4852-2.8605i	-0.4989+0.0766i	-0.3948-0.3765i	0.9638-3.0516i	0.2424+0.3449i	-3.0152+1.1327i	0.1437+0.2943i	0.4378-0.4196i
37.4	1.4477-3.0181i	-0.5446+0.0692i	-0.3523-0.3215i	0.8971-3.2204i	0.2777+0.3846i	-3.0993+1.1781i	0.1426+0.3450i	0.4208-0.4455i
37.5	1.3598-3.1110i	-0.5407+0.1056i	-0.3048-0.3668i	0.7977-3.2719i	0.3636+0.4188i	-3.1590+1.3259i	0.1322+0.3196i	0.3334-0.5103i
37.6	1.1790-3.1986i	-0.5426+0.1766i	-0.2885-0.4106i	0.6360-3.2916i	0.4512+0.4003i	-3.0552+1.6012i	0.1549+0.1872i	0.2366-0.6351i
37.7	1.0625-3.3690i	-0.5119+0.2260i	-0.2869-0.4865i	0.5388-3.4112i	0.5235+0.4082i	-3.0463+1.8382i	0.2402+0.1624i	0.2600-0.6898i
37.8	0.9623-3.4283i	-0.4319+0.2673i	-0.3129-0.5962i	0.5090-3.4395i	0.5519+0.3774i	-2.9211+2.0702i	0.2894+0.0992i	0.2131-0.7886i
37.9	0.7872-3.5010i	-0.4378+0.2941i	-0.3072-0.7080i	0.3360-3.4812i	0.6808+0.3211i	-2.9095+2.3298i	0.2146+0.0366i	0.0676-0.8398i
38.0	0.6492-3.5209i	-0.4155+0.3639i	-0.3600-0.8160i	0.2144-3.4557i	0.7724+0.2370i	-2.7457+2.4901i	0.2001+0.0850i	0.0022-0.7621i
38.1	0.4725-3.5388i	-0.3944+0.3881i	-0.4234-0.8861i	0.0445-3.4702i	0.8421+0.1338i	-2.7130+2.7013i	0.1318+0.0795i	-0.1067-0.7205i
38.2	0.3914-3.5374i	-0.3225+0.3553i	-0.4644-0.9147i	0.0318-3.4944i	0.8598+0.0524i	-2.6236+2.7998i	0.1044+0.0520i	-0.1887-0.7563i
38.3	0.2939-3.6128i	-0.2545+0.3328i	-0.5448-0.9184i	-0.0076-3.5956i	0.9071+0.0011i	-2.5663+2.9296i	0.1008+0.0079i	-0.2092-0.8081i
38.4	0.1925-3.6530i	-0.2686+0.3469i	-0.6053-0.9845i	-0.1293-3.6382i	0.9545-0.0911i	-2.4588+3.1292i	0.0665+0.0242i	-0.2874-0.8130i
38.5	0.0610-3.7178i	-0.2111+0.3810i	-0.7483-1.0254i	-0.2056-3.6822i	0.9101-0.2244i	-2.1311+3.3225i	0.0106+0.0753i	-0.3595-0.7426i
38.6	-0.0518-3.7529i	-0.1715+0.3022i	-0.7800-1.0239i	-0.2948-3.8026i	0.9325-0.3127i	-2.0513+3.3949i	0.0627+0.0870i	-0.4049-0.7719i
38.7	-0.2303-3.6884i	-0.1525+0.2475i	-0.8678-1.0166i	-0.4575-3.7996i	0.9339-0.4241i	-1.7644+3.4351i	0.0784+0.0679i	-0.4859-0.7696i
38.8	-0.4061-3.6301i	-0.1593+0.2031i	-1.0464-0.9971i	-0.6573-3.7737i	0.8346-0.5091i	-1.3541+3.4823i	0.0168-0.0758i	-0.6747-0.8734i
38.9	-0.5133-3.6667i	-0.2026+0.2205i	-1.1685-1.0071i	-0.8074-3.8179i	0.7779-0.6085i	-1.1652+3.5744i	-0.0973-0.0464i	-0.8683-0.7540i
39.0	-0.6034-3.6990i	-0.2380+0.2178i	-1.2335-0.9546i	-0.9495-3.8794i	0.7331-0.6589i	-1.0530+3.5389i	-0.1492-0.0076i	-1.0031-0.6814i
39.1	-0.7236-3.6386i	-0.2805+0.1935i	-1.3350-0.9202i	-1.1201-3.8477i	0.6529-0.7230i	-0.8213+3.5409i	-0.2283-0.0772i	-1.1456-0.7049i
39.2	-0.8707-3.6682i	-0.2964+0.2209i	-1.4764-0.8553i	-1.2897-3.8481i	0.5725-0.7661i	-0.4862+3.5347i	-0.3027-0.0069i	-1.2752-0.5728i
39.3	-0.9804-3.6430i	-0.3317+0.2249i	-1.5339-0.7796i	-1.4520-3.8431i	0.5160-0.7990i	-0.3419+3.4775i	-0.3702+0.0453i	-1.4181-0.4463i
39.4	-1.1249-3.5811i	-0.3573+0.2719i	-1.6063-0.6743i	-1.6305-3.7477i	0.4459-0.8290i	-0.1147+3.3466i	-0.4210+0.1512i	-1.5033-0.1951i
39.5	-1.2672-3.5492i	-0.3559+0.3200i	-1.6545-0.5302i	-1.8035-3.6764i	0.3689-0.8467i	0.1297+3.2056i	-0.4229+0.2590i	-1.5219+0.0110i
39.6	-1.4568-3.5004i	-0.3305+0.3782i	-1.6993-0.3417i	-1.9970-3.5890i	0.2751-0.8354i	0.3359+2.9725i	-0.4635+0.4120i	-1.5671+0.3136i
39.7	-1.5946-3.4689i	-0.3269+0.4694i	-1.7053-0.2238i	-2.1678-3.4831i	0.2180-0.8397i	0.3656+2.8006i	-0.4496+0.6592i	-1.5216+0.6603i
39.8	-1.6918-3.3865i	-0.3105+0.5084i	-1.6522-0.1735i	-2.2860-3.3581i	0.1723-0.8496i	0.4016+2.7327i	-0.3622+0.6945i	-1.4334+0.8011i
39.9	-1.7952-3.1740i	-0.2360+0.5267i	-1.6756-0.0948i	-2.3412-3.1115i	0.0984-0.8322i	0.6532+2.4472i	-0.3578+0.7194i	-1.3008+0.9014i
40.0	-1.9196-3.1193i	-0.2315+0.5647i	-1.6646+0.0966i	-2.4919-3.0320i	0.0753-0.8070i	0.6258+2.1583i	-0.2699+0.8570i	-1.2314+1.1758i
40.1	-2.0385-3.0564i	-0.1693+0.5910i	-1.5485+0.1817i	-2.5936-2.9297i	-0.0213-0.7938i	0.5242+2.0821i	-0.0479+0.8589i	-0.9500+1.2951i
40.2	-2.1162-2.8984i	-0.1175+0.5777i	-1.4143+0.2436i	-2.6562-2.7679i	-0.0431-0.7763i	0.3688+1.8785i	0.0081+0.9098i	-0.7613+1.3358i
40.3	-2.1574-2.7925i	-0.0398+0.5749i	-1.3191+0.3823i	-2.6460-2.6481i	-0.0853-0.7512i	0.2406+1.6401i	0.1077+1.0280i	-0.5169+1.4786i
40.4	-2.2059-2.6522i	0.0026+0.5690i	-1.2438+0.3601i	-2.6839-2.4764i	-0.1519-0.7111i	0.1551+1.5866i	0.1873+0.9530i	-0.3835+1.4777i
40.5	-2.2606-2.5220i	0.0367+0.6088i	-1.1567+0.3205i	-2.7356-2.2749i	-0.1458-0.6920i	0.1082+1.6353i	0.2755+0.9626i	-0.1832+1.5193i
40.6	-2.2992-2.4352i	0.0811+0.5557i	-1.0240+0.2749i	-2.7319-2.2083i	-0.1968-0.6502i	-0.0243+1.7717i	0.4589+0.8591i	0.0849+1.3659i
40.7	-2.3381-2.4051i	0.1197+0.5502i	-0.9430+0.3085i	-2.7833-2.1546i	-0.1980-0.6601i	-0.1922+1.7120i	0.6150+0.8586i	0.2563+1.4055i
40.8	-2.2852-2.2834i	0.1350+0.5199i	-0.9201+0.2442i	-2.7162-2.0283i	-0.2185-0.5983i	-0.2154+1.7722i	0.6542+0.7844i	0.2784+1.2836i
40.9	-2.3094-2.1752i	0.1658+0.4883i	-0.9435+0.2894i	-2.6953-1.9394i	-0.2604-0.6057i	-0.1360+1.6536i	0.7326+0.7261i	0.3597+1.2005i
41.0	-2.3167-2.0955i	0.1769+0.5141i	-0.7935+0.2658i	-2.7161-1.8292i	-0.2897-0.5691i	-0.3728+1.7031i	0.7429+0.6428i	0.4919+1.1489i
41.1	-2.3430-1.9879i	0.2438+0.4638i	-0.7323+0.1244i	-2.6766-1.7236i	-0.2906-0.5278i	-0.3942+1.8956i	0.8226+0.6048i	0.6755+0.9417i
41.2	-2.3326-1.9076i	0.2569+0.4188i	-0.7608+0.0271i	-2.6434-1.6400i	-0.3026-0.5051i	-0.2395+1.9820i	0.8372+0.5124i	0.6749+0.7821i
41.3	-2.3331-1.7897i	0.2415+0.3892i	-0.7644-0.0882i	-2.6372-1.5089i	-0.3354-0.4917i	-0.1509+2.1314i	0.8004+0.4128i	0.7133+0.6030i
41.4	-2.2525-1.6888i	0.2981+0.4364i	-0.8833-0.0480i	-2.5229-1.3801i	-0.3334-0.4356i	0.0430+2.0551i	0.7895+0.4567i	0.6860+0.6547i
41.5	-2.2584-1.6190i	0.3174+0.4067i	-0.9668-0.0074i	-2.4861-1.3229i	-0.3053-0.4288i	0.3360+1.8004i	0.7705+0.3738i	0.5697+0.6335i
41.6	-2.2378-1.5778i	0.3384+0.3230i	-0.8893+0.0066i	-2.4784-1.3238i	-0.3170-0.4267i	-0.0292+1.6942i	0.7735+0.3610i	0.6035+0.6342i
41.7	-2.2132-1.5707i	0.3058+0.2544i	-0.8736-0.1277i	-2.4256-1.3001i	-0.3941-0.4629i	0.1034+2.0221i	0.7659+0.2628i	0.7133+0.4923i
41.8	-2.1335-1.5561i	0.3035+0.2829i	-0.8932-0.0650i	-2.3401-1.3015i	-0.3718-0.3709i	-0.0069+1.9088i	0.7270+0.2769i	0.7093+0.4859i
41.9	-2.1721-1.5881i	0.3339+0.2102i	-0.8820-0.1086i	-2.3268-1.3491i	-0.4220-0.3800i	0.1862+1.9886i	0.6780+0.1634i	0.7533+0.4007i
42.0	-2.1410-1.5308i	0.2597+0.2530i	-0.9665-0.1814i	-2.3107-1.2904i	-0.4623-0.3054i	0.2570+1.9863i	0.5644+0.1409i	0.6542+0.2955i
42.1	-2.1714-1.5279i	0.2553+0.1830i	-1.0462-0.1744i	-2.3150-1.3403i	-0.4380-0.2650i	0.3464+1.6739i	0.5348+0.1381i	0.5544+0.2829i
42.2	-2.0416-1.5043i	0.2224+0.2427i	-0.9324-0.0360i	-2.2636-1.3110i	-0.3733-0.2016i	-0.2573+1.6765i	0.6239+0.2328i	0.6013+0.3457i
42.3	-2.0916-1.5288i	0.2769+0.2399i	-0.9337-0.2289i	-2.2745-1.2977i	-0.3609-0.2111i	-0.0733+2.2207i	0.7264+0.1613i	0.7241+0.1386i
42.4	-2.1544-1.5918i	0.3043+0.2939i	-1.0499-0.1690i	-2.3044-1.3371i	-0.3864-0.1914i	0.2539+2.1089i	0.6804+0.0362i	0.6462+0.1956i
42.5	-2.2025-1.5210i	0.4074+0.2547i	-1.1459-0.1884i	-2.3000-1.2931i	-0.3097-0.2067i	0.2024+1.9649i	0.6019+0.0357i	0.6443+0.2226i
42.6	-2.1734-1.5470i	0.3598+0.1761i	-1.2296-0.1287i	-2.2877-1.3321i	-0.3463-0.2395i	0.3866+2.1681i	0.6044-0.0264i	0.5525+0.1772i
42.7	-2.2367-1.5771i	0.3854+0.1336i	-1.1671-0.1544i	-2.2960-1.3770i	-0.3621-0.2123i	0.5463+2.2791i	0.5652-0.0989i	0.6330+0.0558i
42.8	-2.3265-1.4404i	0.3696+0.0740i	-1.3394-0.1470i	-2.3766-1.3014i	-0.3471-0.1983i	0.8168+1.9224i	0.4582-0.0484i	0.4890+0.0308i
42.9	-2.3263-1.3699i	0.3238-0.0258i	-1.3023-0.1451i	-2.4058-1.2788i	-0.3522-0.2216i	0.6603+1.7745i	0.4594-0.0641i	0.4806+0.0132i
43.0	-2.1912-1.3006i	0.1404+0.0824i	-1.5009-0.0979i	-2.3671-1.2027i	-0.4184-0.1367i	0.6148+1.8012i	0.3961+0.0727i	0.3633-0.0561i
43.1	-2.2681-1.4146i	0.3144+0.1663i	-1.4256+0.1497i	-2.3743-1.2653i	-0.3939-0.0733i	0.6394+1.8390i	0.4723+0.0414i	0.4317+0.0648i
43.2	-2.2990-1.4652i	0.3000+0.0698i	-1.4231+0.1326i	-2.4042-1.3458i	-0.3617-0.1763i	0.9035+1.9718i	0.4515-0.0518i	0.4099-0.0259i
43.3	-2.3492-1.4265i	0.2755+0.0576i	-1.3788+0.2681i	-2.4546-1.3344i	-0.3753-0.1105i	0.9255+1.5895i	0.4229-0.0320i	0.3890+0.0175i
43.4	-2.4050-1.3061i	0.2003-0.0388i	-1.3330+0.1889i	-2.5426-1.2889i	-0.3704-0.1083i	0.7527+1.1392i	0.3970+0.0197i	0.3888-0.0090i

43.5	-2.3226-1.3002i	0.1748+0.1632i	-1.4248+0.3513i	-2.5287-1.2022i	-0.3072-0.0233i	0.5261+1.1322i	0.4790+0.0991i	0.3013+0.1224i
43.6	-2.4327-1.2288i	0.2930+0.1036i	-1.3296+0.3032i	-2.5800-1.1383i	-0.2459-0.0694i	0.5746+1.2470i	0.4658+0.0381i	0.3268+0.0710i
43.7	-2.4371-1.2036i	0.2304+0.0390i	-1.3045+0.3308i	-2.6114-1.1325i	-0.3315-0.1165i	0.4915+1.3687i	0.4486+0.0173i	0.4003+0.0671i
43.8	-2.4409-1.3246i	0.2025+0.1278i	-1.3528+0.3634i	-2.6299-1.1987i	-0.3805-0.1196i	0.6439+1.7494i	0.4877+0.0208i	0.3599+0.0087i
43.9	-2.5280-1.3393i	0.2723+0.1564i	-1.1744+0.4735i	-2.6862-1.2220i	-0.3159-0.0347i	0.7315+1.4383i	0.4876-0.0199i	0.3875+0.0303i
44.0	-2.6288-1.2510i	0.3280+0.0751i	-1.1664+0.4501i	-2.7633-1.1753i	-0.3194-0.0026i	0.9401+1.1892i	0.4582-0.0080i	0.3638+0.0292i
44.1	-2.6925-1.1329i	0.2679+0.0577i	-1.0431+0.3955i	-2.8932-1.0600i	-0.2718-0.0281i	0.5135+1.1519i	0.4474+0.0008i	0.4204+0.0059i
44.2	-2.7339-1.0260i	0.3385+0.0474i	-1.1558+0.3030i	-2.8882-0.9339i	-0.2501+0.0098i	0.7737+1.1942i	0.4473+0.0159i	0.3656-0.0304i
44.3	-2.6645-0.9072i	0.3365-0.0367i	-1.1527+0.4313i	-2.8419-0.8618i	-0.2260-0.0300i	0.4846+0.9027i	0.4724+0.0353i	0.3793+0.0388i
44.4	-2.6880-0.9480i	0.3023-0.0498i	-1.0634+0.3165i	-2.8573-0.8703i	-0.2837-0.0736i	0.5934+1.3823i	0.4358-0.0146i	0.4173-0.0876i
44.5	-2.7463-0.8818i	0.2664-0.1622i	-1.2538+0.2793i	-2.9119-0.8510i	-0.3465-0.1006i	0.9617+1.2583i	0.4447-0.0477i	0.3217-0.1185i
44.6	-2.7096-0.8744i	0.1901-0.0847i	-1.2279+0.4789i	-2.9184-0.8360i	-0.3578-0.0101i	1.0215+0.9502i	0.3302-0.0465i	0.2542-0.0313i
44.7	-2.7717-0.8943i	0.2024-0.0169i	-0.9926+0.5283i	-2.9725-0.8248i	-0.3400+0.0429i	0.8518+0.8826i	0.3405-0.0662i	0.3297-0.0385i
44.8	-2.8946-0.7625i	0.2332-0.1084i	-0.9630+0.4108i	-3.0873-0.7398i	-0.2918+0.0557i	0.9498+0.6624i	0.3312-0.0830i	0.2790-0.0942i
44.9	-2.8306-0.7038i	0.2144-0.1705i	-1.0454+0.5877i	-3.0654-0.7097i	-0.2741+0.0151i	0.6441+0.4676i	0.3472-0.0696i	0.3193-0.0078i
45.0	-2.7961-0.5952i	0.0875-0.1418i	-0.9055+0.3731i	-3.0674-0.5857i	-0.3189+0.0142i	0.3953+0.3256i	0.2553-0.0191i	0.3074-0.0480i
45.1	-2.7296-0.5893i	0.1159+0.0105i	-1.1386+0.4699i	-3.0133-0.4936i	-0.2920+0.0385i	0.4053+0.6398i	0.3300+0.0827i	0.2512+0.0353i
45.2	-2.9749-0.5997i	0.1668-0.0763i	-0.8684+0.4704i	-3.2130-0.5118i	-0.3178+0.0462i	0.6342+0.6873i	0.3041-0.0470i	0.3178-0.0889i
45.3	-2.9399-0.4399i	0.1049-0.1278i	-0.8578+0.3559i	-3.1935-0.3739i	-0.2830+0.0308i	0.3932+0.4983i	0.2576-0.0540i	0.2762-0.1098i
45.4	-2.8443-0.5416i	-0.0022-0.0253i	-0.8892+0.5038i	-3.1758-0.4565i	-0.3566+0.0554i	0.0671+0.7029i	0.2686+0.0136i	0.3044-0.0729i
45.5	-2.9999-0.6231i	0.1106+0.0096i	-0.7983+0.4954i	-3.2942-0.5193i	-0.3410+0.1022i	0.2392+0.8010i	0.2971+0.0084i	0.3364-0.1168i
45.6	-3.0526-0.4126i	0.1498-0.0274i	-0.8052+0.3707i	-3.3368-0.3302i	-0.2745+0.1023i	0.4668+0.4316i	0.2336+0.0447i	0.2639-0.0937i
45.7	-2.9095-0.3333i	0.0955-0.0319i	-0.8646+0.2777i	-3.2157-0.2324i	-0.3197+0.0958i	0.1594+0.5459i	0.2639+0.1256i	0.2812-0.0867i
45.8	-2.9114-0.2773i	0.1382-0.0259i	-0.9066+0.2211i	-3.1864-0.1953i	-0.2472+0.1355i	0.2333+0.3329i	0.2600+0.1796i	0.2261-0.0526i
45.9	-2.9149-0.1686i	0.0716-0.0695i	-1.0068+0.1292i	-3.1936-0.1111i	-0.2778+0.1276i	0.2556+0.3768i	0.2539+0.3046i	0.1726-0.0314i
46.0	-2.9130-0.1874i	0.1042-0.0387i	-1.0259+0.3086i	-3.2357-0.1218i	-0.2666+0.1312i	0.0679+0.2938i	0.3634+0.2644i	0.2473+0.0172i
46.1	-2.9384-0.1740i	0.0452+0.0100i	-1.0634+0.4281i	-3.3142-0.0553i	-0.2792+0.1437i	-0.0368+0.4019i	0.3679+0.2494i	0.2569-0.0058i
46.2	-2.9480-0.1978i	0.0764+0.0232i	-1.0454+0.5370i	-3.3116-0.0734i	-0.2612+0.1835i	-0.0022+0.2000i	0.4643+0.2452i	0.2834+0.0540i
46.3	-3.0023-0.1197i	0.0643+0.0301i	-0.9808+0.4434i	-3.3776+0.0433i	-0.3028+0.2026i	-0.0380+0.3269i	0.4569+0.2519i	0.2608+0.0259i
46.4	-3.0020-0.0340i	0.0830+0.0250i	-0.9393+0.4154i	-3.3793+0.1326i	-0.2884+0.2222i	0.0195+0.3597i	0.5053+0.2880i	0.2947+0.0038i
46.5	-3.1683+0.0834i	0.0717+0.0206i	-0.7402+0.2336i	-3.5582+0.2770i	-0.3243+0.2251i	-0.0683+0.4590i	0.3639+0.3109i	0.2535-0.0371i
46.6	-3.0986+0.1265i	0.0976+0.1367i	-0.8761+0.3118i	-3.4857+0.3985i	-0.2467+0.3197i	-0.1266+0.1002i	0.6043+0.2744i	0.2947+0.0425i
46.7	-3.1657+0.1145i	0.1899+0.1208i	-0.8355+0.2987i	-3.5153+0.4025i	-0.1434+0.2649i	-0.3843+0.0789i	0.5977+0.1922i	0.3103+0.0071i
46.8	-3.2482+0.2656i	0.2276+0.0345i	-0.7400+0.1773i	-3.5908+0.5382i	-0.1311+0.2442i	-0.5260+0.0110i	0.5697+0.2210i	0.3120-0.0140i
46.9	-3.0558+0.4619i	0.2181+0.0911i	-1.1491-0.0036i	-3.3963+0.7787i	-0.1964+0.2064i	-0.8897+0.3772i	0.7296+0.3161i	0.3410+0.0611i
47.0	-3.0554+0.3868i	0.2765+0.0018i	-1.1480+0.3281i	-3.3596+0.6941i	-0.1822+0.2422i	-0.8447+0.2812i	0.7640+0.1848i	0.4525+0.0625i
47.1	-3.1847+0.4074i	0.2723-0.0546i	-1.0406+0.4105i	-3.4850+0.7356i	-0.1755+0.2604i	-0.9162+0.4869i	0.7861+0.0769i	0.4646-0.0531i
47.2	-3.2072+0.4656i	0.1714-0.0242i	-1.0737+0.5057i	-3.5371+0.8134i	-0.1973+0.3067i	-0.9658+0.4007i	0.8789+0.0191i	0.4698-0.0672i
47.3	-3.1342+0.4826i	0.2727+0.0290i	-1.0821+0.4216i	-3.4116+0.8525i	-0.1145+0.2958i	-1.2609+0.3050i	0.8321+0.0379i	0.5058-0.0145i
47.4	-3.2202+0.5437i	0.3022-0.1111i	-1.0410+0.5769i	-3.4806+0.8851i	-0.1550+0.2639i	-1.3269+0.5791i	0.8238-0.0407i	0.5623-0.0887i
47.5	-3.2703+0.6272i	0.1955-0.1182i	-0.9080+0.6144i	-3.5429+0.9765i	-0.1530+0.3312i	-1.2815+0.6639i	0.7600-0.1215i	0.5250-0.1805i
47.6	-3.2675+0.7706i	0.1956-0.1681i	-0.8801+0.4421i	-3.5200+1.0995i	-0.1584+0.3487i	-1.3493+0.7805i	0.6888-0.0963i	0.4699-0.1939i
47.7	-3.1977+0.8462i	0.1580-0.0536i	-0.8465+0.3963i	-3.4846+1.2553i	-0.1417+0.4175i	-1.5014+0.8784i	0.7183-0.1011i	0.4913-0.1863i
47.8	-3.1605+0.9121i	0.1411-0.0505i	-0.9773+0.5263i	-3.4222+1.3702i	-0.0264+0.4880i	-1.0607+0.7822i	0.6655-0.1460i	0.4103-0.1997i
47.9	-3.1444+1.0231i	0.3184-0.0055i	-1.0301+0.1591i	-3.3042+1.4863i	0.0228+0.4905i	-1.6228+1.2247i	0.6605-0.1228i	0.4501-0.2350i
48.0	-3.1101+1.0690i	0.2884-0.2097i	-1.3123+0.4492i	-3.3005+1.4678i	0.0562+0.4733i	-1.1313+1.4130i	0.6471-0.1657i	0.3568-0.2768i
48.1	-3.1450+1.1342i	0.2448-0.2280i	-1.0025+0.6661i	-3.3057+1.5967i	0.0785+0.5147i	-1.1483+1.3346i	0.5784-0.2416i	0.3214-0.3272i
48.2	-3.1543+1.1792i	0.1464-0.2331i	-0.6438+0.6131i	-3.2705+1.6638i	0.1382+0.4510i	-1.4451+1.1792i	0.4884-0.2256i	0.2971-0.3067i
48.3	-3.1583+1.2317i	0.1754-0.1568i	-0.5562+0.3057i	-3.2434+1.6782i	0.1803+0.4355i	-1.6479+1.3550i	0.5095-0.0969i	0.3374-0.2680i
48.4	-3.1283+1.3894i	0.1333-0.1290i	-0.6512+0.2391i	-3.2299+1.8622i	0.2252+0.4005i	-1.5424+1.2274i	0.5396-0.1787i	0.3018-0.2453i
48.5	-3.0051+1.4475i	0.2602-0.2524i	-0.9806+0.1493i	-3.0144+1.8912i	0.2619+0.4120i	-1.4534+1.8241i	0.5243-0.1563i	0.3035-0.3315i
48.6	-3.0301+1.3442i	0.1378-0.2751i	-0.7559+0.4592i	-3.0753+1.7662i	0.2766+0.3284i	-1.7742+1.2659i	0.5617-0.1174i	0.4081-0.2791i
48.7	-2.9003+1.3405i	0.0711-0.2319i	-0.8521+0.5264i	-2.9109+1.7420i	0.2513+0.3590i	-1.5992+1.4624i	0.5574-0.0442i	0.3308-0.2622i
48.8	-2.9110+1.5062i	0.0717-0.2343i	-0.9305+0.3619i	-2.8891+1.9105i	0.3841+0.3820i	-1.2616+1.7004i	0.5640+0.0316i	0.2389-0.2377i
48.9	-2.8536+1.4273i	0.0094-0.2297i	-0.9912+0.6328i	-2.8618+1.8010i	0.4129+0.2644i	-1.1620+1.2087i	0.6640-0.0219i	0.2849-0.1784i
49.0	-2.8744+1.5067i	-0.0073-0.2276i	-0.9782+0.5992i	-2.8635+1.9108i	0.4262+0.2409i	-1.1182+1.0545i	0.6742+0.0050i	0.2574-0.1508i
49.1	-2.8790+1.5915i	-0.0624-0.2085i	-1.0649+0.3718i	-2.8705+1.9742i	0.3872+0.2705i	-1.2301+1.7791i	0.6230+0.0446i	0.1820-0.2450i
49.2	-2.9247+1.6848i	-0.1217-0.1696i	-1.0280+0.4453i	-2.8820+2.0803i	0.4919+0.1992i	-0.9808+1.5096i	0.7401+0.0557i	0.2073-0.1362i
49.3	-2.9945+1.7598i	-0.0415-0.1039i	-0.8986+0.2604i	-2.9311+2.1864i	0.4889+0.1474i	-1.5147+1.6079i	0.7331-0.0046i	0.2514-0.2076i
49.4	-3.0317+1.7447i	0.0599-0.0578i	-0.9008+0.7291i	-2.9312+2.1728i	0.4834+0.0578i	-2.0979+0.4315i	0.7508-0.0602i	0.3857-0.0031i
49.5	-3.0721+1.6169i	0.0761-0.1567i	-0.7824+0.8805i	-2.9733+2.0262i	0.4388+0.0418i	-2.8366+1.0120i	0.7210-0.0282i	0.4821-0.0998i
49.6	-3.1174+1.8342i	-0.0089-0.2050i	-0.7441+0.6534i	-2.9986+2.2104i	0.4818+0.0518i	-2.1836+1.7339i	0.7248+0.0754i	0.3352-0.0827i
49.7	-3.0676+1.9573i	-0.0914-0.1947i	-0.6982+0.6502i	-2.9503+2.3515i	0.4000-0.0065i	-2.1423+1.5730i	0.7718+0.0853i	0.3526-0.0053i

49.8	-3.0945+2.0894i	-0.0711-0.0031i	-0.5142+0.6590i	-2.9553+2.5535i	0.4390+0.0583i	-2.2884+1.3704i	0.8295+0.0121i	0.4077+0.0637i
49.9	-3.1459+2.2432i	0.0754-0.1340i	-0.6537+0.1791i	-2.9292+2.6502i	0.4885-0.0122i	-2.9896+2.3880i	0.8758+0.0179i	0.4884-0.1895i
50.0	-3.3019+2.1978i	0.0961-0.1389i	-0.1790+0.4706i	-3.0396+2.5901i	0.4152-0.0670i	-4.0196+2.2695i	0.9155-0.0405i	0.7127-0.1962i
50.1	-3.3141+2.2812i	0.0846-0.1466i	-0.2106+0.6573i	-3.0666+2.6364i	0.4151-0.0657i	-3.8991+2.3027i	0.9435-0.0603i	0.7151-0.1623i
50.2	-3.2977+2.6708i	-0.0399-0.2224i	-0.3520+0.1708i	-3.0416+3.0297i	0.4879-0.0642i	-3.0347+3.4544i	1.1052-0.0606i	0.5768-0.2949i
50.3	-3.2733+2.7683i	-0.0099-0.1725i	-0.0786+0.2751i	-2.9583+3.1415i	0.4748-0.1061i	-3.5050+3.0499i	1.0953-0.1685i	0.7235-0.2816i
50.4	-3.2878+2.9579i	0.0496-0.1878i	0.3070-0.1198i	-2.9096+3.2691i	0.4460-0.1782i	-4.2157+3.6730i	0.9734-0.2192i	0.8314-0.4336i
50.5	-3.0233+3.2621i	-0.0533-0.2722i	-0.2236-0.6611i	-2.6376+3.5284i	0.4557-0.2489i	-3.3649+3.8535i	0.9495-0.2315i	0.6786-0.4711i
50.6	-2.8982+3.2314i	-0.1628-0.1413i	-0.7199-0.5659i	-2.5339+3.4990i	0.3411-0.1255i	-4.0894+4.6343i	0.9982-0.0598i	0.6796-0.5407i
50.7	-3.0039+3.3524i	-0.0824-0.1214i	-0.6270-0.4306i	-2.5814+3.6368i	0.4862-0.1496i	-3.3507+4.9457i	1.1301-0.0852i	0.6699-0.4547i
50.8	-2.8240+3.5034i	-0.0987-0.1092i	-0.7351-0.5954i	-2.3576+3.7493i	0.4413-0.2172i	-3.2134+4.5231i	1.0776-0.1322i	0.6471-0.3973i
50.9	-2.7029+3.4506i	-0.0848-0.1026i	-0.6585-0.1059i	-2.1649+3.6535i	0.4330-0.2719i	-3.6877+4.7003i	1.1653-0.1503i	0.8349-0.3887i
51.0	-2.7860+3.7463i	-0.1030-0.1841i	-0.5605-0.7013i	-2.2233+3.8905i	0.4413-0.2300i	-3.7101+6.0095i	1.1979-0.1032i	0.7913-0.6044i
51.1	-2.6838+3.9398i	-0.1043-0.1061i	-0.6667-0.7070i	-2.1313+4.0583i	0.4399-0.2363i	-3.6507+6.2823i	1.3029-0.1045i	0.8527-0.6001i
51.2	-2.4705+4.1444i	-0.1283-0.1463i	-0.7610-0.8139i	-1.8392+4.1881i	0.4074-0.3530i	-3.3065+6.8086i	1.3965-0.2354i	0.8451-0.7820i
51.3	-2.3094+4.5339i	-0.2455-0.1840i	-0.9672-1.2050i	-1.7058+4.4848i	0.4171-0.3643i	-2.7005+8.1865i	1.5145-0.2766i	0.7861-0.9333i
51.4	-2.1835+4.6642i	-0.2471-0.1338i	-1.0141-1.2276i	-1.5321+4.5719i	0.4060-0.3924i	-2.6367+8.4688i	1.6164-0.3421i	0.8869-0.9785i
51.5	-1.8491+4.7782i	-0.3017-0.0740i	-1.2953-1.5801i	-1.1937+4.6437i	0.4238-0.3801i	-1.6280+9.3968i	1.6293-0.5455i	0.6370-1.1997i
51.6	-1.6089+4.9520i	-0.3405-0.0192i	-1.6762-1.7614i	-0.9385+4.7161i	0.4354-0.4571i	-0.7884+9.9480i	1.7205-0.6701i	0.4982-1.2755i
51.7	-1.3123+4.9996i	-0.3826+0.0459i	-2.2258-1.8734i	-0.6478+4.6708i	0.4132-0.5224i	0.2823+10.2745i	1.7745-0.7474i	0.3601-1.2758i
51.8	-1.1979+4.9249i	-0.2608+0.1400i	-2.3499-1.6715i	-0.5229+4.4600i	0.3424-0.5946i	0.2659+10.2486i	1.8098-0.8671i	0.5267-1.3067i
51.9	-1.1216+4.9636i	-0.2122+0.1716i	-2.7691-1.5825i	-0.5067+4.3528i	0.2767-0.6607i	0.8189+10.4138i	1.8671-0.9938i	0.5015-1.3525i
52.0	-0.7512+5.0710i	-0.1713+0.2140i	-3.4005-1.3193i	-0.2933+4.4164i	0.1149-0.6898i	2.7415+10.4309i	1.8334-1.2333i	0.2621-1.4106i
52.1	-0.5720+5.1697i	-0.1254+0.2435i	-3.6205-1.1838i	-0.2152+4.5483i	0.0494-0.6268i	3.9389+10.0718i	1.7404-1.4903i	0.0866-1.5266i
52.2	-0.3004+5.0640i	0.0401+0.2210i	-4.2611-0.3369i	0.1243+4.4192i	-0.0281-0.6310i	3.8389+8.7072i	1.6774-1.4602i	0.1849-1.2599i
52.3	-0.3180+5.1257i	-0.1022+0.1290i	-4.2211-0.3407i	0.0465+4.4129i	-0.0457-0.6492i	5.0002+9.3747i	1.6445-1.6719i	-0.0703-1.5007i
52.4	0.1697+5.1878i	-0.1660+0.1826i	-4.4655+0.3018i	0.4664+4.4510i	-0.1633-0.5827i	6.4414+8.0987i	1.3812-1.8799i	-0.3465-1.3748i
52.5	0.5254+5.2733i	-0.1420+0.2549i	-4.0050+0.5456i	0.7251+4.4607i	-0.2393-0.4046i	6.0195+8.0225i	1.2118-2.0029i	-0.3826-1.6337i
52.6	0.7314+5.1857i	0.0038+0.1487i	-4.0308+0.4275i	0.8061+4.3182i	-0.1635-0.2789i	5.7946+8.7826i	1.0986-1.9375i	-0.5710-1.7478i
52.7	0.7627+5.1020i	0.0254+0.0716i	-4.5944+1.1440i	0.8820+4.1892i	-0.2019-0.3417i	6.9401+7.6660i	1.0773-2.0181i	-0.7443-1.3648i
52.8	0.8827+5.1173i	0.0767+0.0955i	-3.9282+1.9946i	0.9014+4.0646i	-0.2311-0.1904i	6.1867+6.8238i	1.0239-2.1964i	-0.5599-1.3539i
52.9	1.2518+5.1061i	0.0107+0.0886i	-3.7745+2.1981i	1.1481+4.0507i	-0.2427-0.1877i	6.9450+6.2349i	0.8175-2.2681i	-0.7620-1.3076i
53.0	1.5637+5.0056i	0.0045+0.1465i	-3.6679+2.5585i	1.4087+3.9170i	-0.1860-0.1187i	7.0210+4.9777i	0.5983-2.2576i	-0.7344-1.1027i
53.1	1.9044+4.8036i	-0.0523-0.0362i	-3.6279+2.2589i	1.5495+3.7722i	0.0079-0.0535i	7.9314+6.7856i	0.5156-2.1475i	-1.1046-1.2666i
53.2	1.9539+4.7464i	-0.1398+0.1011i	-3.5720+2.9603i	1.6037+3.6731i	-0.0324-0.0865i	8.7862+4.6660i	0.5081-2.2183i	-1.0747-0.8811i
53.3	2.1676+4.4620i	-0.0965+0.2097i	-2.8822+3.3481i	1.6741+3.4005i	0.0101-0.0424i	7.7702+3.2475i	0.3839-2.2501i	-0.8813-0.8013i
53.4	2.3366+4.2663i	-0.0959+0.2143i	-2.8787+3.1569i	1.8013+3.2942i	0.0926-0.1645i	8.4130+2.4622i	0.1318-2.1594i	-1.0607-0.6232i
53.5	2.6688+4.1859i	-0.0955+0.2515i	-3.2126+3.7107i	2.0185+3.2038i	0.0201-0.1924i	9.0779+1.8316i	0.0115-2.1241i	-1.2476-0.3281i
53.6	2.8491+4.0375i	0.0015+0.2338i	-1.9101+3.9671i	1.9877+3.0535i	0.1045-0.1172i	7.4386+1.4164i	-0.1497-2.1224i	-0.9507-0.3959i
53.7	2.8399+3.8657i	-0.0019+0.2073i	-1.7074+3.6325i	1.9579+3.0049i	0.1324-0.1247i	7.3467+1.4010i	-0.2841-2.0167i	-0.9847-0.3615i
53.8	3.0310+3.7039i	-0.0115+0.2482i	-1.3256+4.0521i	2.1134+2.8535i	0.1269-0.1304i	6.4238+0.0239i	-0.3152-1.9052i	-0.6956-0.1656i
53.9	3.2729+3.4090i	-0.0469+0.2894i	-0.7524+4.0530i	2.2882+2.6263i	0.1807-0.1228i	5.6868-0.4341i	-0.4125-1.8856i	-0.6004-0.1282i
54.0	3.2076+3.1172i	-0.0818+0.3407i	-0.7348+3.4499i	2.2231+2.4372i	0.2606-0.2206i	6.1322-0.1814i	-0.5166-1.7117i	-0.8070-0.0519i
54.1	3.2746+3.0041i	0.0400+0.4058i	-0.7023+2.4696i	2.1717+2.4315i	0.2642-0.2629i	5.6885+1.3127i	-0.6187-1.6590i	-0.9884-0.2501i
54.2	3.3998+2.9110i	0.0459+0.2779i	-1.3621+3.5164i	2.2521+2.3179i	0.2807-0.2585i	6.9352+0.6192i	-0.5161-1.5060i	-0.9754+0.2383i
54.3	3.4488+2.6219i	0.0576+0.3861i	-0.6041+3.3228i	2.2832+2.0649i	0.1829-0.2996i	5.9398-0.7039i	-0.5441-1.2906i	-0.6058+0.3393i
54.4	3.4033+2.4259i	0.1030+0.4187i	-0.1803+3.3845i	2.1633+1.8925i	0.2035-0.3086i	4.6526-0.9240i	-0.3807-1.2452i	-0.2242+0.2349i
54.5	3.5386+2.2563i	0.1825+0.4822i	0.2662+3.2717i	2.1669+1.8244i	0.2745-0.3240i	3.7435-0.9846i	-0.2732-1.3044i	-0.0267+0.0991i
54.6	3.6795+2.1532i	0.2238+0.5734i	0.4822+3.5581i	2.2478+1.7258i	0.1818-0.3494i	2.9534-2.0652i	-0.2623-1.2333i	0.3206+0.2460i
54.7	3.7125+1.8750i	0.2398+0.4698i	0.4051+2.9003i	2.2493+1.6703i	0.1755-0.4377i	3.5247-0.8664i	-0.2897-1.2202i	0.0777+0.0092i
54.8	3.5819+1.6234i	0.2198+0.3956i	-0.1116+2.5923i	2.2269+1.5732i	0.1434-0.5458i	4.8803-0.7721i	-0.3236-1.1948i	-0.2588+0.1686i
54.9	3.6191+1.5391i	0.2664+0.4256i	0.0700+2.7907i	2.2605+1.4800i	0.0963-0.5765i	4.3873-1.4427i	-0.2904-1.1885i	0.0117+0.3626i
55.0	3.6869+1.2676i	0.3581+0.4339i	0.3418+2.6125i	2.2801+1.3331i	0.0591-0.5817i	3.8317-1.3475i	-0.2868-1.1661i	0.1506+0.2106i
55.1	3.6194+1.0626i	0.3854+0.4635i	0.5641+2.6145i	2.2287+1.2015i	-0.0060-0.5261i	2.9980-1.6419i	-0.1371-1.1646i	0.4111+0.0792i
55.2	3.7293+0.9154i	0.5193+0.5223i	0.9341+2.4650i	2.2191+1.1443i	-0.0433-0.5318i	1.9637-0.9897i	-0.0712-1.3445i	0.5953-0.2770i
55.3	3.6595+0.6874i	0.5568+0.5230i	0.9274+2.3959i	2.2327+0.9828i	-0.1050-0.4915i	1.7500-1.4079i	-0.0729-1.3376i	0.6858-0.2242i
55.4	3.7055+0.4432i	0.6560+0.4964i	1.0344+2.0942i	2.2568+0.8707i	-0.1694-0.4797i	1.7137-0.7507i	-0.1384-1.4402i	0.5596-0.5069i
55.5	3.6092+0.2770i	0.7364+0.3699i	0.7008+1.9293i	2.2503+0.8257i	-0.1327-0.4368i	2.6862-0.1321i	-0.1688-1.4284i	0.3556-0.5803i
55.6	3.5135+0.1238i	0.6717+0.3370i	0.7942+2.0964i	2.1481+0.6760i	-0.1541-0.4493i	2.5105-1.1323i	-0.1090-1.3535i	0.4888-0.4817i
55.7	3.4933-0.1275i	0.7672+0.3029i	0.9939+1.8882i	2.1316+0.5917i	-0.1463-0.3950i	1.9728-0.8058i	-0.1049-1.5281i	0.5679-0.7368i
55.8	3.3459-0.3682i	0.8644+0.2633i	1.1839+1.6310i	2.0239+0.4220i	-0.1305-0.3320i	1.1297-0.4221i	-0.0788-1.5249i	0.6925-0.9875i
55.9	3.2790-0.6114i	0.9476+0.1912i	1.2883+1.4603i	1.9966+0.2926i	-0.1552-0.2676i	0.8313-0.1646i	-0.1248-1.6371i	0.6289-1.2127i
56.0	3.0269-0.7586i	0.9303+0.0671i	1.1576+1.2531i	1.8815+0.2234i	-0.1470-0.2706i	1.0412+0.1759i	-0.2634-1.8653i	0.3826-1.3475i

56.1	2.9067−0.7366i	0.7553+0.1070i	0.9452+1.3884i	1.7282+0.1579i	−0.1393−0.3040i	1.2503−0.4850i	−0.3044−1.8299i	0.2950−1.1152i
56.2	2.7532−0.9357i	0.9874+0.0489i	1.1975+1.1449i	1.6457+0.1755i	−0.0330−0.2845i	0.4941+0.4053i	−0.2950−2.0492i	0.3613−1.5482i
56.3	2.4909−1.1263i	1.0081−0.0764i	1.2235+0.8600i	1.5250+0.0498i	−0.0184−0.2023i	0.3628+0.9028i	−0.4363−1.9906i	0.2106−1.6795i
56.4	2.2682−1.2307i	1.0385−0.1683i	1.2123+0.5727i	1.4119+0.0076i	0.0315−0.1347i	0.4021+1.4910i	−0.6644−1.9734i	−0.0288−1.8045i
56.5	2.1662−1.1358i	0.9927−0.1945i	1.0960+0.5816i	1.3032+0.0637i	0.1365−0.1862i	0.3228+1.5575i	−0.5790−2.0356i	−0.0234−1.8132i
56.6	2.0397−1.2043i	0.9807−0.2388i	1.0005+0.4684i	1.2514+0.0783i	0.1975−0.3038i	0.4236+1.8198i	−0.6456−2.2067i	−0.1244−1.8838i
56.7	1.7889−1.2341i	1.0294−0.3464i	0.8833+0.2839i	1.1395+0.0917i	0.1476−0.4007i	0.7194+2.4090i	−0.9310−2.2546i	−0.3758−2.0227i
56.8	1.5624−1.2259i	0.9634−0.4180i	0.8898+0.1843i	1.0529+0.0739i	0.1305−0.3504i	0.7437+2.5837i	−1.1540−2.1275i	−0.5991−2.0167i
56.9	1.3962−1.1762i	0.9147−0.4740i	0.7786+0.1261i	0.9978+0.1317i	0.1424−0.3859i	1.1468+2.6812i	−1.4018−2.1510i	−0.8828−1.9666i
57.0	1.3744−1.1527i	0.8969−0.4763i	0.6455+0.1216i	0.9695+0.1558i	0.1551−0.4044i	1.2843+2.7389i	−1.4505−2.1742i	−0.8903−2.0405i
57.1	1.2182−1.1174i	0.8084−0.5212i	0.5080+0.0271i	0.8824+0.1688i	0.1373−0.4777i	1.5458+2.8057i	−1.5272−2.0260i	−1.0461−1.9836i
57.2	1.1575−0.9212i	0.7191−0.5204i	0.2596−0.0328i	0.9103+0.2614i	0.1073−0.5460i	2.2869+2.8195i	−1.6709−1.8554i	−1.3417−1.6909i
57.3	1.1940−0.9937i	0.9354−0.3444i	0.3826+0.0810i	0.8762+0.3148i	0.1207−0.4432i	1.5136+2.7441i	−1.3666−1.9890i	−0.9599−1.8333i
57.4	0.9195−1.0836i	1.0135−0.5751i	0.4809−0.2236i	0.8490+0.3033i	0.1653−0.5338i	1.5579+3.7326i	−1.9826−2.1493i	−1.4467−2.2498i
57.5	0.8647−0.9559i	0.9506−0.6449i	0.3263−0.2371i	0.9009+0.2824i	0.0665−0.5571i	2.0293+3.5965i	−2.1493−1.8035i	−1.5952−1.9691i
57.6	0.7795−0.8834i	0.8955−0.7192i	0.1057−0.2386i	0.8849+0.2938i	0.0865−0.5989i	2.6045+3.5705i	−2.3051−1.7405i	−1.8647−1.8733i
57.7	0.7064−0.7856i	0.8570−0.7991i	0.0157−0.2789i	0.9041+0.2918i	−0.0163−0.6015i	2.9602+3.4770i	−2.7738−1.3109i	−2.1958−1.5727i
57.8	0.6036−0.7873i	0.8801−0.8189i	−0.0026−0.3149i	0.8855+0.2825i	0.0198−0.5892i	3.0545+3.5634i	−2.9107−1.1101i	−2.3685−1.5220i
57.9	0.5487−0.6790i	0.8647−0.8703i	−0.1596−0.2478i	0.8890+0.3036i	0.0087−0.5935i	3.3996+3.3203i	−2.8870−0.9277i	−2.4752−1.3749i
58.0	0.5199−0.6040i	0.8187−0.9718i	−0.2490−0.3272i	0.8869+0.2566i	−0.0421−0.5608i	3.5942+3.2199i	−2.9403−0.5212i	−2.5906−1.1387i
58.1	0.5302−0.5194i	0.8186−0.9847i	−0.2771−0.1847i	0.9071+0.2589i	0.0320−0.5831i	3.8815+3.2169i	−2.7242−0.4633i	−2.5915−0.9559i
58.2	0.5234−0.4819i	0.8373−1.0075i	−0.2472−0.2809i	0.9034+0.2721i	−0.0005−0.6004i	3.7952+3.1134i	−2.8364−0.3478i	−2.6439−0.9120i
58.3	0.5037−0.4333i	0.7020−1.0905i	−0.3628−0.2899i	0.8455+0.2368i	−0.0147−0.6012i	4.0581+3.0741i	−2.7346+0.1104i	−2.7850−0.6471i
58.4	0.5699−0.3234i	0.4811−1.0300i	−0.5037−0.0871i	0.8099+0.2577i	−0.0770−0.6350i	4.2567+2.4520i	−2.1419+0.1001i	−2.5097−0.4053i
58.5	0.5405−0.3793i	0.8751−0.8020i	−0.3070−0.3030i	0.8601+0.3473i	0.0762−0.5238i	3.7423+2.9573i	−2.3969−0.1387i	−2.5078−0.6137i
58.6	0.4659−0.3522i	0.9183−1.1602i	−0.4331−0.3545i	0.9156+0.2978i	0.0238−0.6893i	4.2584+3.1779i	−3.0230+0.2578i	−3.1413−0.3341i
58.7	0.4574−0.3283i	0.7569−1.3263i	−0.6350−0.3709i	0.9154+0.2389i	−0.0473−0.7060i	4.7547+3.0261i	−2.8700+0.5260i	−3.1672−0.2526i
58.8	0.4202−0.3069i	0.8708−1.4902i	−0.6654−0.4195i	0.9186+0.2123i	0.0466−0.8067i	4.9350+3.0612i	−2.5115+0.8035i	−3.1617+0.0081i
58.9	0.3903−0.2885i	0.8415−1.6748i	−0.6418−0.4281i	0.9039+0.1647i	0.0294−0.8950i	4.9617+3.1382i	−2.7397+1.0256i	−3.3832+0.2496i
59.0	0.4023−0.2112i	0.6843−1.7184i	−0.8059−0.3413i	0.8561+0.1510i	0.0215−0.9358i	5.2009+2.8098i	−2.5807+1.0510i	−3.4639+0.4638i
59.1	0.4080−0.1141i	0.5926−1.7521i	−0.9231−0.3942i	0.8444+0.1612i	0.0167−0.9488i	5.4425+2.6502i	−2.2432+1.2443i	−3.2741+0.7298i
59.2	0.4204−0.0726i	0.5350−1.8064i	−1.0045−0.3586i	0.8489+0.1535i	−0.0330−0.9976i	5.5753+2.5840i	−1.9104+1.3390i	−3.0879+0.8237i
59.3	0.4326−0.0760i	0.5249−1.8473i	−1.0304−0.3685i	0.8499+0.1154i	−0.0220−0.9893i	5.5376+2.4812i	−1.7787+1.4961i	−2.9906+0.8986i
59.4	0.4876−0.0424i	0.4861−1.9066i	−1.0802−0.3715i	0.8377+0.1323i	−0.0527−1.0669i	5.6287+2.4379i	−1.8056+1.4954i	−3.0286+1.0310i
59.5	0.4922−0.0085i	0.4060−1.9767i	−1.1109−0.2854i	0.8199+0.1031i	−0.0908−1.0685i	5.8648+2.1940i	−1.5571+1.7579i	−2.8931+1.4606i
59.6	0.5243+0.0479i	0.3857−2.0573i	−1.2206−0.2195i	0.8405+0.0946i	−0.1128−1.1265i	6.0360+1.9508i	−1.2001+1.7815i	−2.6327+1.5878i
59.7	0.5507+0.0670i	0.3364−2.2067i	−1.2958−0.1846i	0.8218+0.0724i	−0.1264−1.2307i	6.1688+1.9195i	−1.0359+1.7359i	−2.5802+1.5997i
59.8	0.5241+0.1231i	0.2210−2.4334i	−1.4411−0.1648i	0.8060+0.0771i	−0.2155−1.3375i	6.5052+1.8069i	−0.7781+1.9719i	−2.4977+1.9380i
59.9	0.5111+0.1342i	0.1307−2.5995i	−1.3682−0.1298i	0.8139+0.0812i	−0.1855−1.4177i	6.5475+1.5689i	−0.4862+1.7791i	−2.4478+1.8466i
60.0	0.6039+0.1321i	−0.0236−2.7621i	−1.4957+5.9521i	0.8584−0.0038i	−0.3526−1.5330i	6.6050+1.2673i	−0.5927+1.2629i	−2.5943+2.0759i
60.1	0.6659+0.1463i	−0.1182−2.9270i	−1.7141+0.0242i	0.7998−0.0065i	−0.4014−1.6253i	6.6892+1.2634i	−0.5272+1.7886i	−2.4330+2.1241i
60.2	0.6873+0.1780i	−0.4918−3.0564i	−1.7690+0.0121i	0.7667−0.0219i	−0.5730−1.6778i	6.9194+1.0337i	−0.2712+1.9476i	−2.1913+2.4939i
60.3	0.6530+0.1676i	−0.8177−3.2465i	−1.7108−0.0164i	0.7236−0.1275i	−0.7315−1.7589i	7.1229+0.8023i	0.0328+1.9049i	−2.0791+2.6039i
60.4	0.7465+0.1578i	−1.0329−3.3761i	−1.7429+0.0302i	0.7088−0.1761i	−0.8613−1.8589i	7.0337+0.6971i	−0.0928+1.5999i	−2.2060+2.3757i
60.5	0.7982+0.1675i	−1.4504−3.3278i	−1.8063+0.0744i	0.6828−0.1710i	−1.0254−1.7731i	7.1960+0.4392i	0.1660+1.7945i	−1.9335+2.7167i
60.6	0.8207+0.1168i	−1.8064−3.2277i	−1.7363+0.1648i	0.6280−0.1951i	−1.2054−1.7314i	7.2554+0.3432i	0.3480+1.8068i	−1.6708+2.9095i
60.7	0.8148+0.1088i	−2.0144−3.2986i	−1.8971+0.2953i	0.6243−0.2474i	−1.2156−1.8203i	7.5523+0.2130i	0.5518+1.7304i	−1.8033+3.0170i
60.8	0.8180+0.1413i	−2.3216−2.9019i	−1.9569+0.4586i	0.5714−0.1752i	−1.4234−1.7018i	7.5606−0.3602i	0.8464+1.4669i	−1.3885+3.0285i
60.9	0.8780+0.1226i	−2.3844−2.7316i	−1.9147+0.5765i	0.5710−0.1979i	−1.5370−1.7198i	7.3792−0.7289i	0.8145+1.3785i	−1.1345+3.1213i
61.0	0.9147+0.1412i	−2.6727−2.7929i	−1.9700+0.6342i	0.4937−0.2326i	−1.7298−1.7344i	7.4995−0.9229i	0.9909+1.3528i	−1.0385+3.1535i
61.1	0.9076+0.1137i	−3.1264−2.7257i	−1.9404+0.6394i	0.3986−0.2941i	−1.9532−1.7315i	7.5606−1.0394i	1.3140+1.3733i	−0.7873+3.3057i
61.2	1.0091+0.1086i	−3.3286−2.8478i	−1.9541+0.7258i	0.4019−0.2991i	−2.1458−1.7755i	7.6104−1.1130i	1.4440+1.3579i	−0.6774+3.3364i
61.3	1.0842+0.1110i	−3.5753−2.4146i	−1.9521+0.8472i	0.3675−0.2434i	−2.3438−1.6258i	7.3968−1.6630i	1.5171+0.9913i	−0.3934+3.2749i
61.4	1.1078+0.0207i	−3.9720−2.1661i	−1.9490+0.8723i	0.2896−0.2431i	−2.5706−1.4185i	7.4388−1.8669i	1.7805+0.8152i	−0.1713+3.3172i
61.5	1.1647−0.0193i	−4.2760−2.0974i	−1.9610+0.9250i	0.2145−0.2780i	−2.8340−1.4061i	7.4021−1.9644i	1.7766+0.6770i	−0.1412+3.2903i
61.6	1.2164−0.0618i	−4.5832−1.5721i	−1.8729+0.9767i	0.1239−0.1914i	−3.0635−1.1520i	7.2467−2.2732i	1.8750+0.4534i	0.1223+3.3144i
61.7	1.2111−0.1552i	−4.8975−0.9890i	−1.7961+1.0933i	0.0636−0.1637i	−3.2496−0.7686i	7.2442−2.6256i	2.0725+0.3702i	0.4684+3.4396i
61.8	1.1447−0.2216i	−4.9723−0.5147i	−1.7782+1.0531i	0.0104−0.1504i	−3.3424−0.4543i	7.1890−2.8404i	2.2073+0.0674i	0.5719+3.3640i
61.9	1.2321−0.2412i	−4.9483+0.2134i	−1.8015+1.0997i	−0.0045+0.0070i	−3.3750−0.0287i	7.0387−3.2350i	2.2170−0.5310i	0.9581+3.0605i
62.0	1.2582−0.3640i	−5.0304+0.6400i	−1.7715+1.1820i	−0.0168+0.0680i	−3.4775+0.2289i	6.9031−3.5202i	2.2452−0.7934i	1.1865+2.9623i
62.1	1.2161−0.4333i	−4.8863+1.2725i	−1.7135+1.1739i	−0.0217+0.1654i	−3.4217+0.7400i	6.7610−3.7257i	2.1615−1.0491i	1.3632+2.9140i
62.2	1.1617−0.5073i	−4.5558+1.8555i	−1.6463+1.2432i	0.0011+0.2516i	−3.1735+1.0257i	6.3858−4.0451i	2.0251−1.3833i	1.6094+2.5180i
62.3	1.1370−0.5652i	−4.2590+2.3729i	−1.6679+1.2610i	0.0062+0.3159i	−3.0246+1.4188i	6.1894−4.3668i	1.8482−1.8654i	1.6852+2.2082i

62.4	1.0890-0.5602i	-4.1743+2.6446i	-1.6825+1.2720i	-0.0040+0.3313i	-2.9267+1.5304i	6.2046-4.4915i	1.8828-2.0376i	1.8044+2.1551i
62.5	0.9927-0.6359i	-3.7552+2.9396i	-1.5582+1.3296i	0.0578+0.3875i	-2.7351+1.7993i	5.9548-4.6045i	1.6981-2.1889i	1.9693+2.0143i
62.6	0.9313-0.6291i	-3.1453+3.2704i	-1.5030+1.3052i	0.1157+0.3978i	-2.3015+2.0314i	5.4748-4.8709i	1.3429-2.5434i	1.8961+1.7063i
62.7	0.9579-0.6330i	-2.8409+3.2923i	-1.5623+1.2719i	0.1564+0.3954i	-2.1010+2.1006i	5.4353-4.9259i	1.1645-2.5284i	1.9963+1.7136i
62.8	0.9252-0.6512i	-2.4790+3.3310i	-1.5665+1.2543i	0.2168+0.3978i	-1.9280+2.1570i	5.3046-4.9440i	0.9135-2.6101i	1.9923+1.5125i
62.9	0.9041-0.6874i	-2.1160+3.3584i	-1.5034+1.2461i	0.2624+0.3673i	-1.7091+2.1282i	4.8757-4.9724i	0.5644-2.7535i	1.7314+1.2785i
63.0	0.9272-0.7075i	-1.8616+3.4011i	-1.4928+1.3307i	0.2884+0.3757i	-1.5728+2.2033i	4.6206-5.1618i	0.3296-2.7975i	1.8410+1.1195i
63.1	0.8679-0.6687i	-1.5616+3.2967i	-1.5257+1.3304i	0.2875+0.3578i	-1.3376+2.1578i	4.5291-5.2425i	0.2916-2.8251i	1.8590+0.9694i
63.2	0.8143-0.6764i	-1.3001+3.3597i	-1.5412+1.3102i	0.2450+0.3815i	-1.0994+2.2119i	4.3494-5.2481i	0.1026-2.9979i	1.7855+0.8911i
63.3	0.8540-0.6992i	-0.9848+3.4185i	-1.5936+1.2250i	0.2590+0.4152i	-0.9838+2.2352i	4.1245-5.2504i	-0.3261-3.0876i	1.7027+0.8399i
63.4	0.7882-0.6894i	-0.6823+3.2815i	-1.5588+1.2109i	0.3143+0.3982i	-0.7447+2.1959i	3.9021-5.1597i	-0.4869-2.9909i	1.6329+0.7888i
63.5	0.7908-0.6870i	-0.4960+3.2816i	-1.5759+1.1996i	0.3165+0.3707i	-0.5823+2.2024i	3.8256-5.2640i	-0.7332-3.1097i	1.4362+0.7840i
63.6	0.7865-0.6639i	-0.2551+3.1163i	-1.5490+1.1360i	0.3500+0.3473i	-0.4371+2.1796i	3.6168-5.2344i	-1.0523-2.8749i	1.5914+0.7493i
63.7	0.7833-0.7095i	-0.0342+2.9691i	-1.6535+1.1761i	0.3270+0.3603i	-0.2886+2.0380i	3.4036-5.2520i	-1.4100-2.8090i	1.6168+0.7723i
63.8	0.8044-0.6782i	0.0808+2.7218i	-1.7023+1.1680i	0.2865+0.3456i	-0.1525+1.8123i	3.1718-5.1594i	-1.5687-2.7540i	1.3507+0.7850i
63.9	0.8122-0.7052i	0.1704+2.5414i	-1.6491+1.2352i	0.3120+0.3222i	-0.1009+1.7171i	2.9043-5.0791i	-1.5610-2.4732i	1.3781+0.5958i
64.0	0.7876-0.7394i	0.4119+2.5260i	-1.7279+1.2538i	0.3146+0.3518i	0.1428+1.6921i	2.8621-5.1779i	-1.8778-2.5179i	1.4388+0.6439i
64.1	0.7750-0.7766i	0.5794+2.3522i	-1.7313+1.2637i	0.3572+0.3474i	0.2649+1.6041i	2.6518-5.1137i	-2.0765-2.3175i	1.5032+0.6340i
64.2	0.8081-0.8264i	0.5636+2.1426i	-1.8001+1.3433i	0.3469+0.3305i	0.1900+1.4302i	2.5034-4.9959i	-2.1667-2.1271i	1.4812+0.6366i
64.3	0.7992-0.8255i	0.6776+2.0471i	-1.9475+1.3427i	0.3229+0.3733i	0.2893+1.3305i	2.5282-5.0700i	-2.3129-2.1198i	1.4581+0.7597i
64.4	0.7547-0.8468i	0.8983+1.9119i	-1.9453+1.3560i	0.3994+0.3961i	0.4164+1.2865i	2.4137-5.1222i	-2.5273-1.9673i	1.4970+0.5831i
64.5	0.7733-0.8907i	0.8210+1.7533i	-1.9032+1.4009i	0.4210+0.3794i	0.3309+1.1579i	2.2230-4.9654i	-2.5079-1.6606i	1.4707+0.6019i
64.6	0.7831-0.9123i	0.8020+1.5720i	-2.0033+1.5620i	0.4419+0.3836i	0.3101+1.0690i	2.0998-5.0266i	-2.6603-1.4300i	1.7389+0.5868i
64.7	0.7345-0.9554i	0.8236+1.4313i	-2.0777+1.5826i	0.4192+0.3966i	0.2833+0.9136i	2.0294-5.0459i	-2.8416-1.4102i	1.7156+0.5628i
64.8	0.6741-1.0147i	0.8309+1.3734i	-2.1316+1.5513i	0.3914+0.3786i	0.2433+0.8761i	2.0300-4.9446i	-2.8420-1.3699i	1.6525+0.5135i
64.9	0.6370-1.0577i	0.8073+1.2703i	-2.1118+1.6120i	0.4137+0.3510i	0.2350+0.8279i	1.9215-4.8167i	-2.8067-1.2270i	1.6232+0.4434i
65.0	0.6170-1.0913i	0.7973+1.1724i	-2.1441+1.7414i	0.4656+0.3413i	0.2321+0.8508i	1.7791-4.8781i	-2.8672-0.9416i	1.7114+0.3133i
65.1	0.5555-1.0736i	0.8269+1.0504i	-2.2769+1.7851i	0.4191+0.3492i	0.2652+0.7231i	1.6973-4.9005i	-2.8854-0.7863i	1.7689+0.1388i
65.2	0.5069-1.1145i	0.7854+0.9850i	-2.3116+1.8000i	0.3852+0.3574i	0.2067+0.6786i	1.6993-4.7902i	-2.9023-0.7387i	1.7493+0.0989i
65.3	0.4725-1.1318i	0.6807+0.8995i	-2.3193+2.0292i	0.4167+0.3811i	0.1245+0.6928i	1.5826-4.8158i	-2.9803-0.4658i	1.7694+0.1340i
65.4	0.4719-1.1620i	0.6145+0.8429i	-2.3605+2.2074i	0.4304+0.4133i	0.0121+0.6694i	1.4622-4.8504i	-3.0412-0.3819i	1.8048+0.1195i
65.5	0.4034-1.2190i	0.6051+0.8832i	-2.2251+2.2926i	0.4667+0.3969i	0.0685+0.7171i	1.2750-4.7596i	-3.0525-0.3164i	1.8224-0.1152i
65.6	0.3067-1.2261i	0.6152+0.8814i	-2.2092+2.4422i	0.5201+0.4192i	0.0540+0.7369i	1.2245-4.7672i	-3.1287-0.1614i	1.8171-0.3020i
65.7	0.2648-1.2600i	0.6231+0.8715i	-2.1615+2.6382i	0.5885+0.4704i	0.1087+0.7672i	1.0691-4.7984i	-3.2129+0.1591i	1.9512-0.2444i
65.8	0.1859-1.2257i	0.6378+0.8357i	-2.0435+2.7615i	0.6145+0.4739i	0.1315+0.7749i	0.9315-4.7889i	-3.1485+0.3783i	1.9740-0.4162i
65.9	0.1026-1.1994i	0.6561+0.7926i	-2.0634+2.8804i	0.6312+0.4656i	0.1664+0.7218i	0.9779-4.8162i	-3.0432+0.4060i	1.7847-0.6989i
66.0	0.0310-1.2176i	0.6764+0.7793i	-2.0273+3.0599i	0.7063+0.4961i	0.2077+0.7125i	0.8897-4.9041i	-3.0893+0.5682i	1.8106-0.7999i
66.1	-0.0108-1.2275i	0.7103+0.7785i	-1.8961+3.2355i	0.7884+0.4625i	0.2504+0.7461i	0.7283-4.9593i	-3.1030+0.7511i	1.7455-0.8759i
66.2	-0.0575-1.1899i	0.6833+0.7138i	-1.6983+3.1914i	0.8355+0.3853i	0.2537+0.6807i	0.5735-4.7619i	-2.9810+0.9148i	1.5804-0.9332i
66.3	-0.0702-1.1996i	0.6574+0.6811i	-1.4469+3.2175i	0.9173+0.3048i	0.2343+0.6268i	0.3199-4.6256i	-2.8359+1.1275i	1.4258-1.0534i
66.4	-0.2087-1.1508i	0.6770+0.6025i	-1.3333+3.2427i	0.9280+0.1931i	0.2566+0.5784i	0.2784-4.5398i	-2.8417+1.2842i	1.4236-1.1569i
66.5	-0.2272-1.0857i	0.6724+0.5611i	-1.3026+3.3598i	0.9417+0.1905i	0.2564+0.5647i	0.2288-4.6554i	-2.7566+1.3476i	1.3029-1.2521i
66.6	-0.1752-1.0659i	0.6463+0.5287i	-1.1462+3.3234i	1.0047+0.1323i	0.2259+0.5641i	0.0297-4.5399i	-2.5305+1.3881i	1.1255-1.1853i
66.7	-0.1261-1.0536i	0.5846+0.4705i	-0.9227+3.2514i	1.0255-0.0074i	0.2351+0.5158i	-0.1945-4.3577i	-2.2218+1.6128i	1.1492-1.2188i
66.8	-0.2367-1.0340i	0.5504+0.4530i	-0.9779+3.1288i	0.8937-0.0750i	0.2029+0.4644i	-0.0645-4.2128i	-2.1316+1.4724i	0.9590-1.2108i
66.9	-0.2810-1.0103i	0.5122+0.3974i	-0.8313+3.1241i	0.8602-0.1671i	0.1931+0.4102i	-0.2154-4.1742i	-2.1627+1.5310i	0.8247-1.1300i
67.0	-0.2120-0.9557i	0.4501+0.3487i	-0.6179+3.2011i	0.9128-0.2273i	0.1688+0.4195i	-0.4665-4.1595i	-1.8803+1.7480i	0.7267-1.2075i
67.1	-0.2667-0.9101i	0.4456+0.3661i	-0.5595+3.1647i	0.8495-0.2619i	0.1655+0.4156i	-0.4992-4.0912i	-1.7580+1.7753i	0.6336-1.2447i
67.2	-0.3569-0.8934i	0.4628+0.3798i	-0.5455+3.1293i	0.7687-0.3134i	0.1251+0.3943i	-0.4666-4.0081i	-1.8145+1.7640i	0.6330-1.1768i
67.3	-0.4065-0.8822i	0.4614+0.3777i	-0.4849+2.9565i	0.6952-0.3825i	0.1291+0.4168i	-0.5152-3.7833i	-1.5790+1.6824i	0.4368-1.1458i
67.4	-0.4017-0.8555i	0.4532+0.3926i	-0.3413+2.9627i	0.6936-0.4047i	0.0767+0.4583i	-0.6551-3.7220i	-1.5763+1.7153i	0.4277-1.0632i
67.5	-0.4354-0.7890i	0.4279+0.3543i	-0.3904+2.9142i	0.6061-0.4346i	0.1109+0.4499i	-0.5722-3.6366i	-1.6622+1.7579i	0.4714-0.9595i
67.6	-0.4647-0.7670i	0.4093+0.3417i	-0.5312+2.6656i	0.4601-0.4467i	0.1217+0.3631i	-0.3653-3.3812i	-1.5549+1.6177i	0.4582-0.8932i
67.7	-0.4530-0.7411i	0.4188+0.3496i	-0.4995+2.7312i	0.4554-0.4252i	0.1068+0.4119i	-0.4248-3.4504i	-1.4937+1.7055i	0.4398-0.9277i
67.8	-0.3967-0.6892i	0.3889+0.3132i	-0.3008+2.7365i	0.4444-0.4526i	0.0859+0.4306i	-0.6554-3.4203i	-1.2811+1.8293i	0.4516-1.0032i
67.9	-0.3946-0.6349i	0.3823+0.3288i	-0.3060+2.7567i	0.4010-0.3976i	0.0479+0.4002i	-0.6459-3.4360i	-1.2549+1.8310i	0.5079-1.0177i
68.0	-0.4266-0.6404i	0.3965+0.3483i	-0.4312+2.7005i	0.3170-0.4116i	0.0757+0.4394i	-0.5009-3.3601i	-1.1591+1.8275i	0.3477-1.0273i
68.1	-0.4195-0.6662i	0.3713+0.3330i	-0.2539+2.5886i	0.2953-0.4329i	0.0650+0.4293i	-0.6987-3.1790i	-0.9733+1.8702i	0.2255-1.1028i
68.2	-0.4209-0.6768i	0.3566+0.3326i	-0.1767+2.4685i	0.2274-0.4282i	0.0465+0.4735i	-0.7774-3.0285i	-0.9885+1.7970i	0.2339-1.0120i
68.3	-0.4564-0.6264i	0.3637+0.3373i	-0.2245+2.4904i	0.1849-0.4054i	0.0539+0.4245i	-0.7391-3.0689i	-0.9423+1.8846i	0.2676-1.0095i
68.4	-0.4437-0.5641i	0.3634+0.3247i	-0.2179+2.5100i	0.1868-0.3579i	0.0704+0.4557i	-0.7493-3.0864i	-0.8220+1.9096i	0.2677-1.0143i
68.5	-0.4360-0.4896i	0.3391+0.3280i	-0.3134+2.4874i	0.1384-0.3035i	0.0461+0.5082i	-0.6549-3.0612i	-0.8536+1.8113i	0.2990-0.8699i
68.6	-0.3780-0.4938i	0.3224+0.3006i	-0.3080+2.3929i	0.1046-0.2758i	0.0583+0.4472i	-0.7144-2.9767i	-0.7357+1.7948i	0.2530-0.8984i

68.7	-0.3778-0.5167i	0.3449+0.3102i	-0.2777+2.4012i	0.1146-0.2556i	0.1125+0.4552i	-0.7772-2.9279i	-0.7214+1.7981i	0.2731-0.9444i
68.8	-0.4124-0.5311i	0.3667+0.2953i	-0.2825+2.3147i	0.0714-0.2882i	0.1197+0.4389i	-0.8017-2.8006i	-0.6463+1.8249i	0.2062-1.0146i
68.9	-0.4101-0.4707i	0.3388+0.2813i	-0.3796+2.3350i	0.0493-0.2368i	0.1091+0.4588i	-0.7437-2.8246i	-0.6647+1.8176i	0.2480-0.9462i
69.0	-0.4908-0.4265i	0.3398+0.2786i	-0.5303+2.4070i	-0.0006-0.1758i	0.0472+0.4146i	-0.6028-2.8711i	-0.8103+1.7673i	0.2907-0.8335i
69.1	-0.4919-0.4483i	0.3593+0.2880i	-0.5182+2.4451i	-0.0193-0.1493i	0.1179+0.4213i	-0.6716-2.8413i	-0.5744+1.7857i	0.1276-0.9153i
69.2	-0.3915-0.4137i	0.3586+0.2676i	-0.4614+2.3341i	0.0195-0.1394i	0.1154+0.4686i	-0.7786-2.7306i	-0.4175+1.7537i	0.0315-1.0355i
69.3	-0.4723-0.3425i	0.3603+0.2549i	-0.5119+2.4212i	-0.0108-0.0686i	0.1210+0.4581i	-0.7119-2.7867i	-0.5973+1.7681i	0.1662-0.9914i
69.4	-0.4216-0.1990i	0.3553+0.2492i	-0.4541+2.6770i	0.0225+0.0316i	0.0940+0.5046i	-0.8567-2.9396i	-0.4087+1.9518i	0.1552-1.1140i
69.5	-0.4427-0.2501i	0.3290+0.1996i	-0.6740+2.4606i	-0.0645-0.0475i	0.1365+0.3885i	-0.6060-2.6887i	-0.3715+1.8318i	0.1113-1.0743i
69.6	-0.5298-0.1852i	0.3132+0.1825i	-0.8136+2.6201i	-0.1324+0.0265i	0.1193+0.4023i	-0.4256-2.8169i	-0.5809+1.7867i	0.1493-0.9736i
69.7	-0.2696-0.0936i	0.3057+0.1630i	-0.3026+2.7117i	0.0727+0.0939i	0.0938+0.4454i	-1.0351-2.8482i	-0.2853+1.9368i	0.0581-1.1020i
69.8	-0.2377-0.2020i	0.2951+0.1651i	-0.3171+2.4681i	0.0535+0.0233i	0.1439+0.4148i	-1.0455-2.5713i	-0.0788+1.8772i	-0.0557-1.2086i
69.9	-0.2702-0.1097i	0.2909+0.1864i	-0.4474+2.6025i	0.0283+0.1144i	0.1324+0.4440i	-0.9225-2.7241i	-0.0821+1.9684i	-0.0478-1.2657i
70.0	-0.3068-0.0955i	0.2664+0.2087i	-0.6055+2.6613i	-0.0197+0.1494i	0.0848+0.4258i	-0.8032-2.7241i	-0.2269+2.0383i	-0.0190-1.2550i
70.1	-0.2388-0.0866i	0.2663+0.1842i	-0.5239+2.6820i	0.0385+0.1429i	0.1405+0.4548i	-0.9247-2.6697i	-0.0677+1.9539i	-0.1462-1.2164i
70.2	-0.2969-0.0197i	0.2782+0.1764i	-0.6309+2.8026i	-0.0336+0.2180i	0.1682+0.4425i	-0.7813-2.7557i	-0.0181+1.9838i	-0.2364-1.1457i
70.3	-0.2621-0.0788i	0.2654+0.1614i	-0.6982+2.7573i	-0.0211+0.1680i	0.1838+0.4152i	-0.8142-2.6159i	0.0846+1.9667i	-0.3182-1.1116i
70.4	-0.2648+0.0649i	0.2435+0.1662i	-0.6932+3.0631i	0.0040+0.3079i	0.1462+0.4105i	-0.8664-2.8880i	0.0679+2.2433i	-0.2001-1.2089i
70.5	-0.1974+0.3042i	0.2654+0.1844i	-0.5956+3.5223i	0.0593+0.4996i	0.1837+0.5053i	-1.0053-3.2880i	0.2991+2.3281i	-0.3362-1.2585i
70.6	-0.2476+0.1550i	0.2645+0.1507i	-0.6894+3.3248i	0.0168+0.3981i	0.1317+0.4419i	-0.9201-2.9939i	0.3603+2.0534i	-0.4944-1.1437i
70.7	-0.0561+0.1763i	0.2390+0.1266i	-0.3709+3.2959i	0.1333+0.4031i	0.1627+0.4260i	-1.2313-2.9282i	0.5090+1.9879i	-0.4997-1.0975i
70.8	0.2573+0.1789i	0.2407+0.0912i	0.1444+3.1685i	0.3368+0.3992i	0.2147+0.3824i	-1.7715-2.7083i	0.8499+1.7813i	-0.6771-1.0359i
70.9	0.1332+0.1868i	0.2454+0.1225i	-0.0180+3.3600i	0.2423+0.4259i	0.2130+0.4427i	-1.6103-2.7649i	0.7713+1.8519i	-0.6867-0.9653i
71.0	0.1362+0.1748i	0.2258+0.1436i	-0.1016+3.4001i	0.2544+0.4251i	0.2030+0.4440i	-1.5741-2.7309i	0.7512+1.8817i	-0.6608-0.9615i
71.1	0.3499-0.0140i	0.1757+0.1143i	0.1163+2.9016i	0.3684+0.2927i	0.1567+0.4850i	-1.7899-2.2125i	0.8958+1.5077i	-0.7810-0.8967i
71.2	0.4289+0.0190i	0.1507+0.0884i	0.2699+2.9873i	0.4172+0.3470i	0.1410+0.4773i	-1.8986-2.1772i	0.8606+1.4340i	-0.6868-0.7510i
71.3	0.4757-0.0190i	0.1557+0.1087i	0.2979+3.0096i	0.4186+0.3332i	0.1961+0.5000i	-1.8744-2.0974i	0.7923+1.4174i	-0.6014-0.6733i
71.4	0.4867-0.0757i	0.1254+0.1183i	0.2325+2.9454i	0.3950+0.3407i	0.1635+0.5207i	-1.8603-2.0452i	0.8442+1.4089i	-0.6086-0.7281i
71.5	0.4680-0.0141i	0.1347+0.1080i	0.1850+3.1253i	0.3821+0.4371i	0.1885+0.4748i	-1.8337-2.1610i	0.8884+1.4489i	-0.5942-0.7312i
71.6	0.4465-0.1895i	0.1474+0.1224i	0.1510+3.0247i	0.3897+0.3376i	0.2652+0.5509i	-1.7599-1.9701i	0.8737+1.3653i	-0.6793-0.7816i
71.7	0.5732-0.3913i	0.1010+0.1195i	0.2129+2.6361i	0.4645+0.2085i	0.3210+0.5388i	-1.7672-1.5597i	0.8459+1.0366i	-0.7617-0.7079i
71.8	0.5603-0.4864i	0.0739+0.1367i	0.1152+2.6049i	0.4425+0.1632i	0.3379+0.5734i	-1.6821-1.4121i	0.7096+1.2202i	-0.5923-0.7140i
71.9	0.5805-0.4555i	0.0675+0.1361i	0.0703+2.6845i	0.4582+0.2258i	0.3621+0.5679i	-1.7173-1.5274i	0.7541+1.1995i	-0.6609-0.7792i
72.0	0.6337-0.4535i	0.0497+0.1310i	0.1348+2.7251i	0.4944+0.2805i	0.3326+0.5873i	-1.8024-1.5296i	0.7810+1.1850i	-0.6924-0.8281i
72.1	0.6117-0.5660i	0.0515+0.1461i	0.1207+2.6465i	0.5262+0.2135i	0.4578+0.5622i	-1.7527-1.3213i	0.8635+1.1165i	-0.8164-0.8331i
72.2	0.6597-0.6092i	0.0381+0.1458i	0.0309+2.5935i	0.5356+0.2182i	0.4435+0.6424i	-1.7289-1.2640i	0.8591+0.9258i	-0.9504-0.8110i
72.3	0.6602-0.6958i	0.0057+0.1714i	0.1281+2.6875i	0.5866+0.1959i	0.4903+0.6185i	-1.7632-1.1661i	0.9832+1.0817i	-0.9377-0.8585i
72.4	0.6295-0.8025i	0.0075+0.1736i	0.0663+2.7103i	0.5912+0.1528i	0.5790+0.6048i	-1.7243-1.0784i	0.9817+1.0941i	-1.0105-0.7435i
72.5	0.5360-0.8533i	0.0101+0.1925i	-0.1022+2.6757i	0.5004+0.1335i	0.6017+0.5593i	-1.4970-1.0037i	0.8875+1.1087i	-1.0339-0.6239i
72.6	0.4669-0.9028i	-0.0128+0.2288i	-0.2339+2.6495i	0.4575+0.1043i	0.6337+0.5675i	-1.3446-0.9232i	0.9593+1.0391i	-1.0919-0.6144i
72.7	0.4933-0.9132i	-0.0197+0.2403i	-0.2079+2.6457i	0.5181+0.1281i	0.6373+0.5346i	-1.4202-0.9080i	0.9611+0.9794i	-1.1126-0.6590i
72.8	0.4378-0.8972i	-0.0090+0.2567i	-0.1547+2.8362i	0.5195+0.1923i	0.6879+0.4750i	-1.3841-0.9746i	1.0933+1.0023i	-1.1389-0.6931i
72.9	0.3608-0.9822i	-0.0131+0.2796i	-0.2238+2.8785i	0.5124+0.1547i	0.7491+0.4238i	-1.3211-0.8855i	1.2749+1.0050i	-1.2522-0.6357i
73.0	0.3597-1.0208i	-0.0207+0.2847i	-0.3433+2.9126i	0.5134+0.1571i	0.8185+0.4340i	-1.2643-0.8751i	1.3693+0.9052i	-1.3628-0.6117i
73.1	0.3571-1.0357i	-0.0301+0.2769i	-0.1772+2.9099i	0.5842+0.1622i	0.7897+0.3465i	-1.3079-0.7873i	1.3228+0.7295i	-1.3559-0.4975i
73.2	0.2704-1.0708i	-0.0015+0.3248i	-0.0932+3.1002i	0.6110+0.1451i	0.8359+0.2465i	-1.3219-0.7758i	1.4758+0.6457i	-1.4219-0.4699i
73.3	0.2538-1.1122i	0.0133+0.3513i	-0.1615+3.2459i	0.6562+0.1619i	0.8624+0.2525i	-1.2867-0.7651i	1.5930+0.6214i	-1.5237-0.4741i
73.4	0.2345-1.2919i	-0.0367+0.3676i	-0.2870+3.1546i	0.6708+0.0534i	0.8733+0.2326i	-1.1498-0.5520i	1.6927+0.4678i	-1.5779-0.3947i
73.5	0.1568-1.2782i	0.0014+0.3747i	-0.2164+3.2631i	0.7010+0.0821i	0.9137+0.1790i	-1.0914-0.6061i	1.6139+0.3576i	-1.5844-0.2390i
73.6	0.0860-1.3044i	0.0084+0.3937i	-0.2795+3.2995i	0.7128+0.0666i	0.9467+0.0916i	-0.9915-0.5928i	1.5177+0.2450i	-1.6036-0.1291i
73.7	0.0275-1.2985i	-0.0150+0.3977i	-0.2433+3.2569i	0.7148-0.0202i	0.9047+0.0548i	-0.9119-0.5446i	1.3928+0.1072i	-1.5060-0.0460i
73.8	-0.0379-1.3392i	-0.0056+0.4377i	-0.2664+3.3768i	0.7464-0.0262i	0.9680-0.0137i	-0.8609-0.5867i	1.4286+0.0779i	-1.6139-0.0532i
73.9	-0.0166-1.3879i	-0.0035+0.4539i	-0.2072+3.3978i	0.8099-0.0999i	0.9471-0.0356i	-0.9212-0.4875i	1.4616+0.0631i	-1.6815+0.0198i
74.0	-0.0239-1.4128i	-0.0217+0.4562i	-0.2122+3.5257i	0.8576-0.1673i	0.9883-0.0889i	-0.9077-0.4938i	1.4351+0.0902i	-1.5920+0.0570i
74.1	-0.1386-1.3215i	0.0255+0.4804i	-0.1336+3.7582i	0.8296-0.1768i	0.9356-0.2457i	-0.8638-0.6863i	1.3942-0.0409i	-1.6450+0.1954i
74.2	-0.2398-1.2908i	0.0445+0.4933i	0.0043+3.8232i	0.7767-0.2425i	0.9403-0.2960i	-0.8136-0.6322i	1.3594-0.2333i	-1.6683+0.3387i
74.3	-0.2811-1.3388i	0.0524+0.5315i	0.0056+3.9449i	0.7664-0.3357i	0.9524-0.3484i	-0.7505-0.5852i	1.3409-0.3166i	-1.6331+0.4323i
74.4	-0.2896-1.3850i	0.0566+0.5427i	0.0640+3.9565i	0.7816-0.3993i	0.8645-0.4713i	-0.8150-0.5488i	1.3717-0.3656i	-1.6066+0.5287i
74.5	-0.2813-1.3111i	0.0555+0.5316i	0.0611+3.8599i	0.7190-0.4004i	0.7747-0.4414i	-0.7890-0.5578i	1.1843-0.4832i	-1.5886+0.6421i
74.6	-0.2673-1.4087i	0.0655+0.5610i	0.2180+3.8921i	0.7345-0.5054i	0.8094-0.4732i	-0.8259-0.3433i	1.1771-0.7025i	-1.6583+0.8159i
74.7	-0.2974-1.3522i	0.0862+0.5946i	0.2252+4.0185i	0.6288-0.4700i	0.7007-0.5169i	-0.7769-0.4857i	1.1312-0.6592i	-1.5985+0.7812i
74.8	-0.3815-1.3443i	0.1246+0.6274i	0.3145+4.2078i	0.5631-0.4633i	0.6906-0.5948i	-0.7432-0.5737i	1.1183-0.7358i	-1.5643+0.8435i
74.9	-0.4456-1.4339i	0.1385+0.6511i	0.3490+4.2353i	0.4855-0.5569i	0.7016-0.6906i	-0.6090-0.5056i	1.1044-0.8966i	-1.5090+1.0111i

75.0	−0.4026−1.4244i	0.1514+0.6472i	0.3505+4.2534i	0.5172−0.5298i	0.6622−0.6430i	−0.6953−0.4909i	0.9846−0.9246i	−1.4569+1.0718i
75.1	−0.4429−1.3934i	0.1919+0.6207i	0.6300+4.1990i	0.4554−0.5990i	0.5007−0.7084i	−0.7430−0.3275i	0.8074−1.0171i	−1.4186+1.2319i
75.2	−0.6312−1.5248i	0.2174+0.6840i	0.5971+4.3203i	0.3116−0.6274i	0.5126−0.7837i	−0.4903−0.4104i	0.7162−1.1709i	−1.3708+1.2644i
75.3	−0.6971−1.5414i	0.2688+0.6967i	0.8118+4.3869i	0.2528−0.6067i	0.4551−0.8503i	−0.4875−0.3768i	0.5206−1.1640i	−1.1494+1.4636i
75.4	−0.6792−1.5113i	0.2899+0.6844i	0.9322+4.2935i	0.2500−0.5888i	0.4291−0.8067i	−0.4850−0.3101i	0.3785−1.0049i	−0.9717+1.5852i
75.5	−0.6559−1.5101i	0.2994+0.6679i	0.8894+4.3232i	0.2469−0.5040i	0.3608−0.8023i	−0.5680−0.3284i	0.3683−1.0352i	−1.0610+1.6239i
75.6	−0.7865−1.5301i	0.3166+0.6559i	1.0205+4.2520i	0.1642−0.5552i	0.2691−0.7596i	−0.4640−0.1664i	0.2625−1.1276i	−0.7931+1.6340i
75.7	−0.8461−1.5502i	0.3840+0.6816i	1.2627+4.3887i	0.1996−0.4968i	0.2668−0.8864i	−0.5395−0.1986i	0.1361−1.1202i	−0.7080+1.7851i
75.8	−0.8628−1.4534i	0.4098+0.6373i	1.3727+4.3159i	0.2513−0.4266i	0.2034−0.9070i	−0.6504−0.2051i	0.0447−1.0188i	−0.5848+1.8346i
75.9	−1.0025−1.4411i	0.4599+0.6466i	1.4097+4.2745i	0.1754−0.4061i	0.1188−0.8832i	−0.5212−0.2709i	−0.0497−1.0024i	−0.4446+1.7190i
76.0	−1.0771−1.5313i	0.4794+0.6747i	1.4105+4.3741i	0.1499−0.4184i	0.1368−0.8873i	−0.4266−0.1993i	−0.1678−1.0726i	−0.4106+1.8305i
76.1	−1.1078−1.4967i	0.5169+0.6677i	1.4636+4.4227i	0.1891−0.3729i	0.0270−0.9331i	−0.5683−0.1749i	−0.2265−0.9726i	−0.2519+1.9185i
76.2	−1.1557−1.4847i	0.5444+0.6707i	1.4909+4.4821i	0.2199−0.3543i	0.0044−0.9225i	−0.5600−0.1883i	−0.2384−0.9747i	−0.2472+1.8581i
76.3	−1.2383−1.4640i	0.5683+0.6467i	1.5140+4.4135i	0.2119−0.3426i	−0.0247−0.9020i	−0.4527−0.1319i	−0.3277−0.9788i	−0.2351+1.9085i
76.4	−1.3871−1.3177i	0.6436+0.6050i	1.6707+4.2365i	0.1458−0.3296i	−0.1679−0.9138i	−0.4867−0.1296i	−0.4483−0.9292i	−0.0537+1.8862i
76.5	−1.4015−1.3919i	0.6318+0.6099i	1.6064+4.2947i	0.1965−0.3796i	−0.1708−0.9068i	−0.3035+0.0318i	−0.4725−0.8853i	0.0858+1.8109i
76.6	−1.4179−1.4053i	0.6490+0.6144i	1.6922+4.5047i	0.1990−0.4230i	−0.2061−0.8642i	−0.2778+0.1464i	−0.4636−0.8416i	0.2518+1.8377i
76.7	−1.5639−1.2766i	0.6987+0.5649i	1.7735+4.3823i	0.1260−0.3790i	−0.2879−0.8735i	−0.2348+0.0357i	−0.6005−0.7816i	0.3787+1.7886i
76.8	−1.6077−1.2274i	0.6830+0.5403i	1.6866+4.1881i	0.0904−0.4235i	−0.3297−0.8229i	0.0827+0.0793i	−0.6541−0.6922i	0.4442+1.5968i
76.9	−1.6729−1.1707i	0.7162+0.4794i	1.9616+4.2338i	0.1280−0.4879i	−0.3859−0.7923i	0.0937+0.3162i	−0.7481−0.6495i	0.6138+1.5943i
77.0	−1.6693−1.0337i	0.7687+0.4329i	2.1015+4.3019i	0.1629−0.4275i	−0.4216−0.7820i	−0.0912+0.3343i	−0.8029−0.6383i	0.6936+1.6173i
77.1	−1.7095−1.0247i	0.7722+0.4443i	2.1330+4.4730i	0.1384−0.4481i	−0.4794−0.7729i	−0.0230+0.3495i	−0.7796−0.5807i	0.7111+1.5894i
77.2	−1.7473−1.0574i	0.7549+0.3734i	2.2523+4.3442i	0.0885−0.5581i	−0.5324−0.6695i	0.3416+0.6312i	−0.8263−0.5813i	0.9261+1.5634i
77.3	−1.8308−0.9496i	0.7963+0.3739i	2.3140+4.2729i	0.0457−0.5004i	−0.5770−0.6659i	0.2483+0.3977i	−0.8434−0.5085i	1.0147+1.3590i
77.4	−1.8730−0.9198i	0.7859+0.3232i	2.3294+4.3894i	0.0178−0.5512i	−0.6217−0.6687i	0.4492+0.5325i	−0.8996−0.5239i	1.0928+1.2418i
77.5	−1.8984−0.8309i	0.7498+0.2699i	2.4569+4.2279i	−0.0735−0.5430i	−0.6338−0.6003i	0.8787+0.5509i	−0.9709−0.4847i	1.1315+1.1283i
77.6	−1.9754−0.7275i	0.7985+0.2169i	2.6824+4.1620i	−0.0837−0.5204i	−0.7134−0.5495i	0.8808+0.6507i	−1.0974−0.5033i	1.2050+1.0732i
77.7	−1.9289−0.7239i	0.7362+0.2146i	2.5869+4.4173i	−0.1104−0.5091i	−0.6686−0.4699i	1.1953+0.6346i	−1.1999−0.4478i	1.2831+0.9196i
77.8	−1.9755−0.7095i	0.7441+0.2215i	2.6086+4.3859i	−0.1547−0.5321i	−0.6931−0.4799i	1.2498+0.4407i	−1.1629−0.3968i	1.1307+0.7950i
77.9	−2.0548−0.6366i	0.7771+0.2124i	2.6292+4.4229i	−0.2100−0.5005i	−0.7226−0.4626i	1.2257+0.3106i	−1.2263−0.3077i	1.0501+0.7274i
78.0	−2.1122−0.5192i	0.7195+0.1572i	2.8036+4.3945i	−0.3040−0.4840i	−0.7406−0.3777i	1.5530+0.2387i	−1.4268−0.0667i	1.3262+0.5829i
78.1	−2.1721−0.5531i	0.7010+0.1870i	3.0041+4.3121i	−0.4174−0.4613i	−0.7427−0.3680i	1.8199−0.0813i	−1.4647+0.0238i	1.2936+0.4571i
78.2	−2.0898−0.4956i	0.6669+0.1671i	3.1149+4.3101i	−0.4067−0.4184i	−0.7105−0.2505i	1.9624−0.0078i	−1.4598+0.1561i	1.2190+0.3532i
78.3	−2.1384−0.3610i	0.6457+0.1031i	3.2131+4.3372i	−0.4652−0.4173i	−0.7522−0.2210i	2.1686−0.1270i	−1.4950+0.2827i	1.1887+0.3554i
78.4	−2.2744−0.1758i	0.6858+0.0855i	3.3931+4.1847i	−0.5238−0.3276i	−0.7395−0.2192i	2.1251−0.4326i	−1.5409+0.3421i	1.1482+0.3992i
78.5	−2.2788−0.0972i	0.6911+0.0817i	3.3674+4.1590i	−0.5481−0.2471i	−0.7516−0.1589i	2.0678−0.4718i	−1.4633+0.4614i	1.1417+0.2344i
78.6	−2.2868−0.0250i	0.6763+0.1252i	3.4910+4.3134i	−0.5850−0.1425i	−0.7304−0.1438i	2.0297−0.7189i	−1.3245+0.6522i	1.0265−0.0211i
78.7	−2.2339+0.0761i	0.6536+0.1122i	3.6865+4.3177i	−0.5786−0.0385i	−0.7394−0.1074i	2.1494−0.9080i	−1.2516+0.7434i	0.9990−0.1634i
78.8	−2.1442+0.2422i	0.6441+0.1026i	3.8115+4.2031i	−0.5733+0.0713i	−0.7067−0.0882i	2.1830−1.1021i	−1.2279+0.9197i	0.8964−0.1306i
78.9	−2.0578+0.5880i	0.5831−0.0051i	3.7229+3.8371i	−0.5644+0.1819i	−0.6618+0.0185i	2.2916−1.2393i	−1.2671+1.1005i	0.8943−0.1731i
79.0	−1.6408+0.4227i	0.4076+0.0993i	3.3688+4.2854i	−0.4622+0.2773i	−0.5543−0.0754i	2.5064−1.1972i	−1.0505+1.0106i	0.4745−0.1762i
79.1	−1.9494+0.2403i	0.5429+0.2151i	3.7599+4.3376i	−0.4718+0.2801i	−0.6427−0.1679i	2.4523−1.5984i	−1.1199+0.8797i	0.2901−0.0098i
79.2	−2.0027+0.3659i	0.5850+0.2122i	3.8986+4.3060i	−0.4532+0.3793i	−0.6901−0.1365i	2.4003−1.7626i	−1.1790+1.0112i	0.3948−0.0072i
79.3	−1.9130+0.5346i	0.6162+0.2201i	4.1896+4.4057i	−0.3610+0.5277i	−0.6948−0.0828i	2.2285−2.0173i	−0.9400+1.2082i	0.4357−0.0176i
79.4	−1.8127+0.5730i	0.6049+0.1984i	4.5664+4.4083i	−0.3079+0.5599i	−0.7140−0.0735i	2.4117−2.0566i	−0.9678+1.2474i	0.4057+0.1014i
79.5	−1.7756+0.5954i	0.6039+0.1811i	4.6897+4.1344i	−0.2301+0.6066i	−0.7512−0.0582i	2.4540−2.0418i	−0.9375+1.2730i	0.5339+0.0465i
79.6	−1.6807+0.6808i	0.6188+0.1610i	4.7863+4.0143i	−0.1130+0.6329i	−0.7383−0.0385i	2.3506−2.1921i	−0.7918+1.3109i	0.3960−0.0164i
79.7	−1.5859+0.7390i	0.6336+0.1947i	4.8478+3.8650i	−0.0630+0.7007i	−0.7580−0.0190i	2.1930−2.5089i	−0.6224+1.3267i	0.1361−0.1038i
79.8	−1.5722+0.7087i	0.6659+0.2045i	5.0423+3.6946i	0.0918+0.6985i	−0.7989−0.0274i	2.1655−2.7047i	−0.5603+1.3482i	0.0687+0.0282i
79.9	−1.5427+0.6726i	0.7099+0.1959i	5.3195+3.5857i	0.1888+0.6767i	−0.8015+0.0073i	2.0885−2.9048i	−0.4835+1.3583i	0.1544+0.1172i
80.0	−1.5799+0.5971i	0.7385+0.2413i	5.3321+3.5658i	0.2207+0.6697i	−0.8064+0.0269i	2.0213−3.2554i	−0.5031+1.2930i	0.1311+0.3418i

2.1.12 Run 1 – IP000-200 – Accels 41–47

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	37.6893+0.0000i	18.3942+0.0000i	-7.7583+0.0000i	16.9133+0.0000i	13.5666+0.0000i	17.3249+0.0000i	12.7544+0.0000i
0.1	2.2100-0.2997i	-4.8364+2.6267i	-0.2469+1.2365i	-1.6678+2.1332i	0.5483+0.8037i	2.7600+4.9324i	1.0413-2.2850i
0.2	-0.8033+0.1936i	1.7175+0.4547i	1.3440+0.7344i	0.7126+0.4393i	-0.5189+0.1526i	-2.1124+1.5047i	1.9356+1.2585i
0.3	0.7294+1.0753i	-0.4480-0.0448i	1.0456+0.7394i	0.1611+0.7457i	0.3153-0.4067i	1.0495+1.9108i	-0.4838-0.1322i
0.4	0.3857+0.3234i	0.5824+0.0964i	-0.2235+0.2209i	0.0106+0.0721i	-0.0386-0.0327i	0.5895+0.1555i	-1.0843+0.1781i
0.5	-0.0158-0.9441i	-0.3010-0.2814i	0.4658+0.2565i	-0.1259-0.9608i	-0.1566+0.0960i	0.5544-0.3061i	-1.3086+0.0979i
0.6	0.4569-0.4738i	0.1017+0.0354i	0.9752-0.2512i	-0.2785-0.7551i	0.4716-0.0264i	0.5049+0.9056i	-1.4330+0.7523i
0.7	-0.0247+0.0064i	-0.2435+0.1834i	0.0469+0.2330i	-0.0400-0.1668i	0.0566-0.0331i	0.0435+0.1961i	-0.3209+0.0367i
0.8	-0.1825-0.0234i	0.0068-0.0668i	-0.1125-0.0262i	-0.1818+0.0386i	0.0440+0.0090i	-0.0513+0.0623i	0.1427-0.0549i
0.9	-0.0818-0.0574i	-0.0044+0.0137i	-0.0048-0.0176i	-0.0820-0.1355i	-0.0171+0.0543i	-0.0489+0.0284i	-0.0234+0.0117i
1.0	-0.1157-0.0263i	0.0114-0.0044i	-0.0042+0.0135i	-0.0860-0.0155i	-0.0309-0.0245i	-0.0916+0.0112i	0.0048-0.0544i
1.1	-0.1146-0.0336i	-0.0105+0.0107i	-0.0343+0.0016i	-0.1365-0.0422i	-0.0102-0.0014i	-0.0481-0.0384i	-0.0248+0.0050i
1.2	-0.1310-0.0167i	0.0074-0.0112i	-0.0287-0.0106i	-0.1633-0.0146i	0.0010-0.0092i	-0.0096-0.0064i	-0.0456+0.0126i
1.3	-0.2387-0.0190i	-0.0255+0.0108i	-0.0604-0.0117i	-0.1728-0.0084i	-0.0057+0.0010i	-0.0002+0.0133i	-0.0005+0.0072i
1.4	-0.2813-0.0159i	-0.0353+0.0140i	-0.0463-0.0136i	-0.2516-0.0157i	-0.0240+0.0192i	-0.0588+0.0141i	0.0030-0.0068i
1.5	-0.4042+0.0395i	-0.1435+0.1527i	-0.0586-0.0059i	-0.2727-0.0712i	-0.1205+0.1361i	-0.0671-0.0119i	0.0425-0.0388i
1.6	-0.3515+0.0170i	0.1657+0.0938i	-0.0614-0.0086i	-0.4477-0.0419i	0.1691+0.0812i	-0.0709-0.0112i	-0.0335-0.0307i
1.7	-0.5026-0.0255i	0.0925+0.0000i	-0.0812-0.0062i	-0.5362-0.0306i	0.1045+0.0017i	-0.0931-0.0068i	-0.0131-0.0238i
1.8	-0.6821-0.0227i	0.1040-0.0161i	-0.1030-0.0073i	-0.7030-0.0209i	0.1174-0.0149i	-0.1166-0.0036i	-0.0088-0.0277i
1.9	-0.9212-0.0214i	0.1273-0.0612i	-0.1337-0.0053i	-0.9313-0.0280i	0.1496-0.0611i	-0.1538-0.0023i	-0.0018-0.0619i
2.0	-1.3467-0.0079i	0.1720-0.1579i	-0.1835-0.0064i	-1.3522-0.0331i	0.2040-0.1564i	-0.2084+0.0084i	0.0003-0.1372i
2.1	-2.1590+0.0575i	-0.0207-0.6604i	-0.2763+0.0036i	-2.1877+0.0055i	0.0468-0.6479i	-0.3035+0.0278i	-0.2252-0.5319i
2.2	-4.4367+0.8034i	-0.9013+0.1018i	-0.5108+0.0812i	-4.5481+0.6424i	-0.7551+0.0737i	-0.5689+0.1484i	-1.0985+0.1421i
2.3	-0.9575+14.0497i	0.3083+1.2060i	-0.1344+1.5149i	-1.4048+14.5837i	0.2689+0.6960i	-0.0869+1.5991i	0.1514+2.0135i
2.4	4.5518+1.6082i	0.2625+0.0354i	0.4429+0.1743i	4.6929+1.7507i	0.1041-0.0318i	0.4715+0.1517i	0.5409+0.1396i
2.5	2.6633+0.5867i	0.0917-0.0202i	0.2332+0.0671i	2.7622+0.6296i	0.0031-0.0339i	0.2470+0.0574i	0.2594+0.0278i
2.6	1.9474+0.3218i	0.0481-0.0116i	0.1461+0.0366i	2.0075+0.3393i	-0.0179-0.0262i	0.1608+0.0243i	0.1671+0.0127i
2.7	1.5573+0.2312i	0.0263-0.0149i	0.0977+0.0245i	1.6118+0.2402i	-0.0239-0.0220i	0.1173+0.0198i	0.1165+0.0047i
2.8	1.3259+0.1751i	0.0193-0.0104i	0.0661+0.0162i	1.3651+0.1796i	-0.0270-0.0166i	0.0854+0.0184i	0.0940+0.0019i
2.9	1.1646+0.1489i	0.0164-0.0092i	0.0425+0.0138i	1.1983+0.1497i	-0.0240-0.0128i	0.0584+0.0150i	0.0781+0.0038i
3.0	1.0503+0.1254i	0.0135-0.0061i	0.0226+0.0110i	1.0812+0.1236i	-0.0238-0.0103i	0.0388+0.0136i	0.0684+0.0007i
3.1	0.9663+0.1150i	0.0111-0.0047i	0.0065+0.0099i	0.9928+0.1148i	-0.0233-0.0085i	0.0212+0.0106i	0.0607+0.0023i
3.2	0.9023+0.1042i	0.0083-0.0063i	-0.0098+0.0085i	0.9283+0.1016i	-0.0220-0.0081i	0.0069+0.0099i	0.0545+0.0004i
3.3	0.8545+0.0958i	0.0094-0.0065i	-0.0224+0.0064i	0.8772+0.0936i	-0.0215-0.0076i	-0.0079+0.0084i	0.0517+0.0007i
3.4	0.8103+0.0865i	0.0082-0.0041i	-0.0353+0.0063i	0.8320+0.0805i	-0.0221-0.0065i	-0.0191+0.0063i	0.0453+0.0010i
3.5	0.7747+0.0788i	0.0081-0.0037i	-0.0498+0.0046i	0.7973+0.0722i	-0.0197-0.0064i	-0.0341+0.0084i	0.0440-0.0004i
3.6	0.7442+0.0763i	0.0061-0.0049i	-0.0655+0.0041i	0.7671+0.0708i	-0.0218-0.0068i	-0.0485+0.0044i	0.0411-0.0017i
3.7	0.7162+0.0735i	0.0093-0.0022i	-0.0792+0.0029i	0.7353+0.0689i	-0.0188-0.0043i	-0.0616+0.0042i	0.0407+0.0011i
3.8	0.6948+0.0689i	0.0047-0.0020i	-0.0936+0.0016i	0.7162+0.0657i	-0.0206-0.0041i	-0.0771+0.0020i	0.0352+0.0046i
3.9	0.6764+0.0695i	0.0075-0.0026i	-0.1066+0.0032i	0.6950+0.0654i	-0.0173-0.0030i	-0.0907+0.0019i	0.0310+0.0029i
4.0	0.6586+0.0665i	0.0062-0.0055i	-0.1263+0.0022i	0.6748+0.0616i	-0.0174-0.0072i	-0.1019+0.0024i	0.0319-0.0003i
4.1	0.6408+0.0639i	0.0115-0.0051i	-0.1419+0.0015i	0.6528+0.0590i	-0.0160-0.0055i	-0.1251+0.0052i	0.0313+0.0009i
4.2	0.6227+0.0638i	0.0051-0.0039i	-0.1635+0.0020i	0.6414+0.0576i	-0.0181-0.0054i	-0.1404-0.0023i	0.0270+0.0009i
4.3	0.6188+0.0643i	0.0105-0.0051i	-0.1780+0.0001i	0.6328+0.0619i	-0.0148-0.0051i	-0.1547+0.0028i	0.0282+0.0020i
4.4	0.6032+0.0718i	0.0113-0.0096i	-0.1994+0.0029i	0.6138+0.0663i	-0.0143-0.0113i	-0.1774+0.0039i	0.0257-0.0063i
4.5	0.6005+0.0748i	0.0056-0.0086i	-0.2169+0.0061i	0.6131+0.0669i	-0.0196-0.0104i	-0.1977+0.0056i	0.0181+0.0000i
4.6	0.5829+0.0715i	0.0021-0.0059i	-0.2427+0.0078i	0.5971+0.0631i	-0.0191-0.0056i	-0.2221+0.0022i	0.0167-0.0010i
4.7	0.5742+0.0725i	0.0025-0.0100i	-0.2676+0.0036i	0.5919+0.0632i	-0.0226-0.0071i	-0.2412+0.0043i	0.0198-0.0021i
4.8	0.5643+0.0731i	0.0075-0.0002i	-0.2945+0.0075i	0.5862+0.0673i	-0.0182-0.0066i	-0.2692+0.0066i	0.0185+0.0051i
4.9	0.5636+0.0784i	0.0084-0.0080i	-0.3257+0.0060i	0.5792+0.0737i	-0.0138-0.0069i	-0.3015+0.0052i	0.0188+0.0035i
5.0	0.5503+0.0776i	0.0121-0.0075i	-0.3593+0.0160i	0.5669+0.0743i	-0.0126-0.0111i	-0.3363+0.0134i	0.0167+0.0011i
5.1	0.5417+0.0948i	0.0094-0.0102i	-0.4017+0.0146i	0.5523+0.0911i	-0.0135-0.0129i	-0.3739+0.0103i	0.0174+0.0032i
5.2	0.5299+0.0957i	0.0033-0.0091i	-0.4381+0.0179i	0.5479+0.0903i	-0.0200-0.0115i	-0.4084+0.0161i	0.0054+0.0022i
5.3	0.5275+0.1083i	0.0052-0.0098i	-0.4864+0.0276i	0.5428+0.1039i	-0.0148-0.0134i	-0.4537+0.0268i	0.0084+0.0009i
5.4	0.5284+0.1292i	0.0142-0.0123i	-0.5358+0.0447i	0.5418+0.1178i	-0.0124-0.0134i	-0.5023+0.0470i	0.0127+0.0027i
5.5	0.5191+0.1429i	0.0079-0.0190i	-0.5844+0.0604i	0.5423+0.1397i	-0.0159-0.0208i	-0.5491+0.0584i	0.0050-0.0000i
5.6	0.5230+0.1676i	0.0064-0.0193i	-0.6443+0.0774i	0.5451+0.1587i	-0.0191-0.0223i	-0.6053+0.0737i	0.0082+0.0047i

5.7	0.5365+0.1709i	0.0093-0.0250i	-0.7031+0.0972i	0.5657+0.1671i	-0.0160-0.0310i	-0.6616+0.0934i	0.0027+0.0015i
5.8	0.5251+0.2016i	0.0040-0.0293i	-0.7828+0.1375i	0.5482+0.2013i	-0.0187-0.0320i	-0.7362+0.1345i	-0.0051-0.0028i
5.9	0.5705+0.2183i	-0.0052-0.0340i	-0.8155+0.1647i	0.5949+0.2100i	-0.0303-0.0349i	-0.7675+0.1557i	-0.0047-0.0008i
6.0	0.5838+0.2248i	-0.0218-0.0339i	-0.8771+0.1787i	0.6111+0.2153i	-0.0478-0.0356i	-0.8303+0.1702i	-0.0252-0.0004i
6.1	0.6162+0.2117i	-0.0294-0.0266i	-0.9568+0.1939i	0.6467+0.2011i	-0.0539-0.0229i	-0.9105+0.1854i	-0.0264+0.0085i
6.2	0.6193+0.2228i	-0.0353-0.0199i	-1.0841+0.2072i	0.6553+0.2169i	-0.0559-0.0213i	-1.0302+0.2007i	-0.0370+0.0088i
6.3	0.6367+0.2187i	-0.0384-0.0079i	-1.2156+0.2469i	0.6664+0.2083i	-0.0649-0.0106i	-1.1617+0.2414i	-0.0357+0.0199i
6.4	0.6421+0.2244i	-0.0270+0.0037i	-1.4160+0.2957i	0.6730+0.2094i	-0.0584-0.0040i	-1.3533+0.2928i	-0.0405+0.0277i
6.5	0.6595+0.2345i	-0.0276+0.0071i	-1.6399+0.3699i	0.6994+0.2213i	-0.0528+0.0020i	-1.5704+0.3660i	-0.0328+0.0326i
6.6	0.6748+0.2402i	-0.0357+0.0113i	-1.9162+0.5070i	0.7136+0.2269i	-0.0590+0.0041i	-1.8350+0.5027i	-0.0438+0.0405i
6.7	0.7270+0.2343i	-0.0326+0.0135i	-2.2172+0.7018i	0.7715+0.2158i	-0.0626+0.0056i	-2.1271+0.6926i	-0.0439+0.0363i
6.8	0.7569+0.2302i	-0.0308+0.0259i	-2.6403+1.0269i	0.8066+0.2014i	-0.0606+0.0191i	-2.5328+1.0119i	-0.0447+0.0585i
6.9	0.8053+0.2301i	-0.0348+0.0369i	-3.2205+1.6130i	0.8712+0.1957i	-0.0673+0.0270i	-3.0998+1.5958i	-0.0563+0.0720i
7.0	0.8511+0.1830i	-0.0283+0.0480i	-3.8922+2.9350i	0.9157+0.1308i	-0.0671+0.0426i	-3.7336+2.8871i	-0.0569+0.0939i
7.1	0.9268+0.1041i	-0.0265+0.0726i	-3.5378+5.7752i	0.9892+0.0063i	-0.0658+0.0639i	-3.3631+5.6544i	-0.0485+0.1333i
7.2	0.8839-0.0270i	0.0367+0.0957i	0.1967+7.1738i	0.8919-0.1430i	-0.0074+0.1057i	0.2942+6.9920i	0.0400+0.1639i
7.3	0.7633-0.0507i	0.0856+0.0579i	1.8175+5.1790i	0.7492-0.1325i	0.0485+0.0624i	1.8670+5.0229i	0.0870+0.1057i
7.4	0.6837+0.0003i	0.0831-0.0341i	3.3725+4.5014i	0.6429-0.0649i	0.0494-0.0256i	3.3742+4.3331i	0.0784+0.0387i
7.5	0.6750+0.0596i	0.0117-0.0247i	3.3202+1.9919i	0.6473+0.0226i	-0.0111-0.0186i	3.2975+1.8891i	0.0136+0.0186i
7.6	0.7117+0.0807i	0.0084-0.0021i	2.2589+1.2205i	0.6945+0.0612i	-0.0204+0.0009i	2.2610+1.1573i	-0.0019+0.0326i
7.7	0.7327+0.0939i	0.0161-0.0005i	1.6076+1.0770i	0.7249+0.0624i	-0.0131-0.0019i	1.6341+1.0214i	0.0011+0.0377i
7.8	0.7423+0.1016i	0.0174+0.0003i	1.1927+1.1223i	0.7454+0.0747i	-0.0130+0.0051i	1.2322+1.0684i	-0.0128+0.0494i
7.9	0.7640+0.0990i	0.0218+0.0006i	1.0892+1.3833i	0.7637+0.0553i	-0.0134+0.0012i	1.1314+1.3184i	-0.0089+0.0633i
8.0	0.7686+0.1141i	0.0170+0.0146i	1.2739+1.1367i	0.7753+0.0806i	-0.0172+0.0155i	1.3287+1.0798i	-0.0018+0.0704i
8.1	0.8143+0.0857i	0.0321-0.0130i	0.8972+1.2865i	0.8181+0.0551i	-0.0080-0.0091i	0.9532+1.2250i	-0.0086+0.0571i
8.2	0.8213+0.0874i	0.0221-0.0085i	1.0752+1.1881i	0.8289+0.0523i	-0.0183-0.0082i	1.1398+1.1234i	-0.0047+0.0568i
8.3	0.8424+0.0847i	0.0243-0.0140i	0.9447+1.0174i	0.8443+0.0551i	-0.0179-0.0095i	1.0236+0.9601i	-0.0027+0.0612i
8.4	0.8619+0.0889i	0.0317-0.0162i	0.6968+0.9565i	0.8854+0.0474i	-0.0103-0.0114i	0.7845+0.8934i	-0.0062+0.0638i
8.5	0.8768+0.0659i	0.0269-0.0223i	0.4612+0.9928i	0.8966+0.0258i	-0.0200-0.0142i	0.5715+0.9162i	-0.0308+0.0654i
8.6	0.9092+0.0515i	0.0270-0.0279i	0.1682+1.1495i	0.9299+0.0079i	-0.0256-0.0191i	0.3078+1.0579i	-0.0506+0.0701i
8.7	0.9257+0.0323i	0.0246-0.0319i	0.0672+1.3801i	0.9555-0.0130i	-0.0260-0.0219i	0.2228+1.2730i	-0.0672+0.0873i
8.8	0.9642-0.0120i	0.0090-0.0411i	-0.2001+1.6951i	0.9955-0.0744i	-0.0413-0.0212i	-0.0077+1.5497i	-0.0945+0.1088i
8.9	0.9622-0.0504i	0.0114-0.0439i	-0.1703+2.1620i	0.9949-0.1334i	-0.0420-0.0192i	0.0306+1.9543i	-0.0893+0.1580i
9.0	0.9830-0.1000i	0.0079-0.0627i	-0.2961+2.8901i	1.0229-0.2027i	-0.0468-0.0296i	-0.0762+2.5873i	-0.1034+0.1927i
9.1	0.9258-0.1313i	-0.0233-0.0643i	0.7170+3.0178i	0.9205-0.2389i	-0.0659-0.0261i	0.8456+2.7106i	-0.0773+0.2166i
9.2	1.0063-0.1726i	-0.0654-0.0601i	0.0161+3.6495i	1.0164-0.3083i	-0.1120-0.0200i	0.2428+3.2492i	-0.1550+0.2984i
9.3	0.9240-0.3497i	-0.1154-0.0222i	1.6591+4.9430i	0.8729-0.5218i	-0.1407+0.0350i	1.7205+4.3371i	-0.0316+0.4625i
9.4	0.7561-0.3472i	-0.0980+0.0570i	3.5168+4.2915i	0.6542-0.4908i	-0.1099+0.0989i	3.3189+3.7039i	0.1564+0.4619i
9.5	0.6709-0.2521i	-0.0482+0.0662i	4.1670+2.9517i	0.5496-0.3414i	-0.0572+0.0958i	3.8517+2.5112i	0.2630+0.3511i
9.6	0.6504-0.1657i	-0.0124+0.0651i	4.0936+1.9323i	0.5351-0.2200i	-0.0293+0.0866i	3.7583+1.6235i	0.2796+0.2542i
9.7	0.6595-0.1057i	0.0051+0.0640i	3.8083+1.3642i	0.5546-0.1462i	-0.0155+0.0780i	3.4900+1.1217i	0.2711+0.1991i
9.8	0.6891-0.0754i	0.0229+0.0486i	3.5692+1.0178i	0.5954-0.1037i	-0.0024+0.0721i	3.2698+0.8256i	0.2614+0.1678i
9.9	0.7226-0.0515i	0.0254+0.0297i	3.3367+0.7762i	0.6361-0.0703i	-0.0013+0.0530i	3.0597+0.6343i	0.2571+0.1251i
10.0	0.7371-0.0331i	0.0301+0.0158i	3.1463+0.5951i	0.6583-0.0537i	0.0055+0.0426i	2.8806+0.4748i	0.2508+0.1054i
10.1	0.7616-0.0076i	0.0311+0.0112i	3.0046+0.4773i	0.6939-0.0237i	0.0079+0.0371i	2.7477+0.3787i	0.2459+0.0912i
10.2	0.7924+0.0005i	0.0196+0.0086i	2.8752+0.3981i	0.7243-0.0180i	-0.0011+0.0371i	2.6386+0.3058i	0.2280+0.0812i
10.3	0.8100-0.0070i	0.0220+0.0224i	2.7946+0.3461i	0.7474-0.0229i	-0.0013+0.0415i	2.5668+0.2482i	0.2060+0.0755i
10.4	0.8382-0.0049i	0.0293+0.0190i	2.7165+0.2710i	0.7730-0.0184i	0.0047+0.0378i	2.4840+0.1797i	0.2014+0.0631i
10.5	0.8657+0.0027i	0.0298+0.0128i	2.6506+0.2312i	0.8060-0.0124i	0.0085+0.0248i	2.4153+0.1585i	0.1870+0.0624i
10.6	0.8814+0.0116i	0.0349+0.0004i	2.6068+0.2022i	0.8152+0.0064i	0.0156+0.0161i	2.3720+0.1535i	0.1819+0.0807i
10.7	0.9050+0.0201i	0.0417-0.0024i	2.5589+0.1758i	0.8446+0.0122i	0.0148+0.0125i	2.3455+0.1454i	0.1990+0.0923i
10.8	0.9320+0.0192i	0.0332-0.0083i	2.5081+0.1511i	0.8791+0.0070i	0.0075+0.0058i	2.3094+0.1292i	0.2074+0.0833i
10.9	0.9520+0.0209i	0.0322-0.0140i	2.4975+0.1338i	0.8962+0.0164i	0.0063+0.0039i	2.2977+0.1164i	0.2187+0.0767i
11.0	0.9719+0.0211i	0.0406-0.0087i	2.4774+0.1140i	0.9175+0.0104i	0.0095+0.0071i	2.2828+0.0939i	0.2248+0.0551i
11.1	1.0044+0.0208i	0.0441-0.0109i	2.4852+0.1076i	0.9548+0.0050i	0.0184-0.0033i	2.2928+0.0882i	0.2132+0.0621i
11.2	1.0341+0.0087i	0.0555-0.0300i	2.4980+0.0913i	0.9838+0.0077i	0.0226-0.0136i	2.3093+0.0838i	0.2221+0.0700i
11.3	1.0806+0.0093i	0.0374-0.0482i	2.5112+0.0790i	1.0240-0.0031i	0.0002-0.0381i	2.3322+0.0819i	0.2424+0.0767i
11.4	1.1263+0.0157i	0.0118-0.0681i	2.5486+0.0732i	1.0735+0.0041i	-0.0231-0.0580i	2.3811+0.0814i	0.2781+0.0675i
11.5	1.1675+0.0231i	-0.0285-0.0878i	2.5624+0.0598i	1.1164+0.0068i	-0.0682-0.0782i	2.4374+0.0646i	0.3269+0.0459i
11.6	1.2228+0.0088i	-0.0544-0.0641i	2.6400+0.0341i	1.1656-0.0000i	-0.0937-0.0555i	2.5008+0.0240i	0.3328+0.0054i
11.7	1.2713+0.0082i	-0.0850-0.0420i	2.6713+0.0347i	1.2044-0.0098i	-0.1279-0.0314i	2.5503+0.0158i	0.3447-0.0094i
11.8	1.3238-0.0151i	-0.0980-0.0221i	2.7538+0.0093i	1.2738-0.0196i	-0.1424-0.0070i	2.6315-0.0230i	0.3639-0.0357i
11.9	1.3887-0.0132i	-0.0943+0.0060i	2.8491+0.0121i	1.3274-0.0238i	-0.1449+0.0154i	2.7194-0.0357i	0.3646-0.0531i

12.0	1.4997-0.0582i	-0.1305+0.0273i	3.0213-0.0908i	1.4443-0.0682i	-0.1811+0.0393i	2.8957-0.1389i	0.3999-0.0999i
12.1	1.5785-0.0632i	-0.1437+0.0478i	3.1391-0.1032i	1.5248-0.0877i	-0.2003+0.0548i	3.0125-0.1729i	0.4279-0.1083i
12.2	1.7009-0.0707i	-0.1657+0.0541i	3.3548-0.1594i	1.6421-0.0890i	-0.2275+0.0772i	3.2338-0.2175i	0.4790-0.1319i
12.3	1.8476-0.1373i	-0.2167+0.1134i	3.5688-0.2934i	1.7818-0.1582i	-0.2894+0.1300i	3.4640-0.3913i	0.5742-0.2360i
12.4	1.9960-0.1726i	-0.2838+0.1592i	3.8065-0.3976i	1.9358-0.2195i	-0.3517+0.1776i	3.7484-0.5094i	0.7120-0.3087i
12.5	2.2015-0.3325i	-0.3192+0.2856i	4.1163-0.7185i	2.1365-0.4111i	-0.3933+0.3125i	4.0551-0.8952i	0.7659-0.5130i
12.6	2.4409-0.4514i	-0.3841+0.4218i	4.4468-0.9354i	2.3627-0.5469i	-0.4685+0.4515i	4.4199-1.1897i	0.9407-0.7645i
12.7	2.7570-0.6722i	-0.4518+0.6622i	4.7926-1.3246i	2.6234-0.8133i	-0.5539+0.6859i	4.8440-1.7411i	1.1303-1.2097i
12.8	3.0670-1.0050i	-0.4140+0.9852i	5.1556-1.8282i	2.8790-1.1709i	-0.5312+1.0108i	5.2155-2.4749i	1.1524-1.8338i
12.9	3.2681-1.9516i	0.0240+1.6240i	5.3025-3.1568i	2.8646-2.0992i	-0.1396+1.6727i	5.1060-4.2852i	0.4646-3.1282i
13.0	3.1009-3.3757i	1.1187+2.2412i	5.0608-5.0042i	2.4087-3.3177i	0.9001+2.3528i	4.0564-6.7719i	-1.5009-4.5762i
13.1	1.6101-4.3823i	2.5838+1.5794i	3.2283-6.2394i	0.9576-3.8117i	2.4017+1.8178i	0.8704-7.6737i	-4.5262-3.7282i
13.2	0.0038-3.8946i	3.0602+0.0112i	1.3539-5.7771i	-0.1965-3.0568i	2.9886+0.3006i	-1.7536-5.8995i	-5.9337-0.7800i
13.3	-0.6976-3.1210i	2.7485-1.0351i	0.6101-5.0965i	-0.5054-2.3457i	2.7781-0.7580i	-2.5066-4.0664i	-5.7010+1.4770i
13.4	-0.9618-2.4306i	2.2598-1.7379i	0.2559-4.6610i	-0.5226-1.8550i	2.3445-1.4950i	-2.5097-2.6632i	-4.9195+3.1506i
13.5	-1.0198-2.0036i	1.6955-2.2923i	-0.0546-4.6541i	-0.4527-1.6653i	1.8183-2.0879i	-2.2244-1.7984i	-3.8386+4.5588i
13.6	-0.8674-1.5975i	0.8863-2.5892i	-0.4269-4.5314i	-0.3124-1.5297i	1.0264-2.4346i	-1.5341-1.1112i	-2.0469+5.4257i
13.7	-0.8293-1.3691i	0.0200-2.5807i	-1.1606-4.3223i	-0.3973-1.4885i	0.1685-2.4787i	-1.0481-0.8473i	-0.0998+5.5281i
13.8	-0.8469-1.2101i	-0.5906-2.2545i	-1.8005-3.8292i	-0.5481-1.4077i	-0.4536-2.1866i	-0.7967-0.8107i	1.3133+4.8572i
13.9	-0.8256-1.0319i	-1.0102-1.7244i	-2.1071-3.1079i	-0.6605-1.2274i	-0.8856-1.6829i	-0.5532-0.8382i	2.2126+3.7214i
14.0	-0.7716-0.8466i	-1.0982-1.2936i	-2.1396-2.4846i	-0.6681-1.0198i	-0.9887-1.2696i	-0.4691-0.8133i	2.4475+2.8449i
14.1	-0.6963-0.6601i	-1.0982-0.9335i	-2.0669-1.9092i	-0.6476-0.8021i	-1.0034-0.9209i	-0.3840-0.7433i	2.5237+2.0815i
14.2	-0.5975-0.5601i	-1.0276-0.7104i	-1.8983-1.5530i	-0.5752-0.6837i	-0.9448-0.7026i	-0.3250-0.6947i	2.4261+1.5849i
14.3	-0.4799-0.4028i	-0.9787-0.5293i	-1.7122-1.1421i	-0.4693-0.5053i	-0.9101-0.5283i	-0.2021-0.5525i	2.3764+1.1739i
14.4	-0.3902-0.3546i	-0.9040-0.4125i	-1.5437-0.9417i	-0.3919-0.4381i	-0.8466-0.4109i	-0.1490-0.5232i	2.2291+0.8895i
14.5	-0.3101-0.2662i	-0.8370-0.3223i	-1.3990-0.7202i	-0.3207-0.3382i	-0.7882-0.3238i	-0.0920-0.4323i	2.1179+0.6777i
14.6	-0.1984-0.2353i	-0.7778-0.2654i	-1.2264-0.5567i	-0.2159-0.2980i	-0.7376-0.2685i	-0.0021-0.3715i	2.0090+0.5154i
14.7	-0.1385-0.1631i	-0.7338-0.2315i	-1.1035-0.3704i	-0.1571-0.2201i	-0.6964-0.2343i	0.0747-0.2643i	1.9328+0.4084i
14.8	-0.0600-0.1758i	-0.6850-0.1939i	-0.9513-0.2844i	-0.0813-0.2214i	-0.6555-0.1908i	0.1189-0.2834i	1.8101+0.2614i
14.9	-0.0008-0.1508i	-0.6770-0.1758i	-0.8082-0.1564i	-0.0167-0.1971i	-0.6597-0.1700i	0.1943-0.2052i	1.7591+0.1986i
15.0	0.0709-0.1427i	-0.6725-0.1257i	-0.5980-0.0533i	0.0504-0.1708i	-0.6507-0.1126i	0.3364-0.1356i	1.7344+0.1131i
15.1	0.1050-0.1046i	-0.6396-0.1232i	-0.4725-0.0404i	0.0845-0.1358i	-0.6222-0.1116i	0.3941-0.1164i	1.6783+0.1049i
15.2	0.1610-0.0878i	-0.6299-0.1014i	-0.3654-0.0360i	0.1383-0.1169i	-0.6118-0.0890i	0.4874-0.0820i	1.6558+0.0826i
15.3	0.2480-0.0400i	-0.6249-0.0904i	-0.2417+0.0151i	0.2318-0.0684i	-0.6102-0.0777i	0.6212-0.0236i	1.6657+0.0785i
15.4	0.2614-0.0733i	-0.6014-0.0717i	-0.1973-0.0363i	0.2355-0.0991i	-0.5851-0.0617i	0.6686-0.0774i	1.6480+0.0349i
15.5	0.3182-0.0467i	-0.6063-0.0572i	-0.1267-0.0054i	0.2957-0.0714i	-0.5900-0.0474i	0.7592-0.0685i	1.6622-0.0142i
15.6	0.3686-0.0246i	-0.6064-0.0608i	-0.0786+0.0281i	0.3510-0.0458i	-0.5892-0.0445i	0.8356-0.0457i	1.7078-0.0258i
15.7	0.4484-0.0472i	-0.5992-0.0387i	0.0213+0.0455i	0.4229-0.0658i	-0.5916-0.0262i	0.9687-0.0814i	1.7634-0.1138i
15.8	0.5008-0.0279i	-0.6147-0.0388i	0.1040+0.0901i	0.4804-0.0471i	-0.5979-0.0282i	1.1019-0.0830i	1.8082-0.1690i
15.9	0.5537-0.0137i	-0.6422-0.0489i	0.1552+0.0976i	0.5374-0.0241i	-0.6229-0.0333i	1.1920-0.1043i	1.8759-0.2057i
16.0	0.6189+0.0234i	-0.6716-0.0561i	0.2219+0.1482i	0.5974+0.0115i	-0.6581-0.0437i	1.3177-0.0978i	1.9654-0.2378i
16.1	0.7067+0.0335i	-0.7098-0.0498i	0.3291+0.2019i	0.6879+0.0144i	-0.6938-0.0391i	1.4920-0.1332i	2.0570-0.3509i
16.2	0.8112+0.0286i	-0.7665-0.0500i	0.4295+0.2215i	0.7992+0.0124i	-0.7480-0.0357i	1.6608-0.2119i	2.1656-0.4707i
16.3	0.8869+0.0112i	-0.8378-0.0192i	0.5211+0.2232i	0.8810-0.0087i	-0.8212-0.0149i	1.8076-0.3425i	2.2583-0.5988i
16.4	1.0810-0.0372i	-0.9594+0.0512i	0.7528+0.2309i	1.0696-0.0575i	-0.9388+0.0586i	2.1332-0.5686i	2.4551-0.8882i
16.5	1.1921-0.0695i	-1.0533+0.1435i	0.9167+0.2203i	1.1813-0.0904i	-1.0358+0.1433i	2.2717-0.8136i	2.5247-1.1532i
16.6	1.2292-0.0570i	-1.0893+0.2174i	0.9682+0.2187i	1.2193-0.0979i	-1.0623+0.2164i	2.1959-0.8976i	2.4595-1.2202i
16.7	1.4753-0.0724i	-1.1788+0.3384i	1.2447+0.2227i	1.4660-0.1246i	-1.1645+0.3371i	2.4412-1.0264i	2.6310-1.4486i
16.8	1.6717-0.1553i	-1.2323+0.4362i	1.4569+0.1452i	1.6494-0.2027i	-1.2232+0.4253i	2.6367-1.2068i	2.7307-1.6823i
16.9	1.6591-0.2208i	-1.2088+0.5114i	1.3669-0.0372i	1.6254-0.2658i	-1.2032+0.5139i	2.6308-1.3490i	2.7925-1.7393i
17.0	1.8995-0.5672i	-1.2259+0.8396i	1.5747-0.3031i	1.8579-0.6153i	-1.2232+0.8239i	2.6343-2.1669i	2.7009-2.6204i
17.1	2.2022-0.8464i	-1.1961+1.1920i	1.9719-0.4642i	2.1233-0.8827i	-1.1978+1.1749i	2.5769-2.7946i	2.3907-3.3462i
17.2	2.3547-1.4441i	-0.9921+1.3889i	1.9334-1.1913i	2.2734-1.4850i	-1.0063+1.3869i	2.4074-3.2716i	2.2098-3.7049i
17.3	2.1964-2.1383i	-0.7476+1.7452i	1.7123-1.4850i	2.0945-2.1856i	-0.7669+1.7493i	1.8254-4.2311i	1.4544-4.8171i
17.4	1.8223-2.7811i	-0.2903+1.9602i	1.7721-1.8679i	1.7022-2.8157i	-0.3108+1.9725i	0.8635-4.8039i	-0.0406-5.3101i
17.5	1.4572-3.1988i	0.0854+1.9760i	1.6945-2.4203i	1.3453-3.1929i	0.0688+1.9988i	0.1527-4.8832i	-0.9834-4.9925i
17.6	0.6670-3.5721i	0.4878+1.8596i	0.9533-2.8517i	0.5602-3.5311i	0.4778+1.8884i	-0.7922-4.8838i	-1.8058-4.6583i
17.7	-0.2378-3.3139i	0.7926+1.5370i	0.2818-2.6433i	-0.3369-3.2815i	0.7987+1.5695i	-1.7648-4.2150i	-2.6599-3.8470i
17.8	-0.7869-3.1172i	1.0205+1.3263i	-0.0335-2.6369i	-0.8774-3.0541i	1.0288+1.3568i	-2.4294-3.6902i	-3.3483-3.0900i
17.9	-1.0354-2.7648i	1.0783+1.1051i	-0.2506-2.5297i	-1.1138-2.7038i	1.0781+1.1345i	-2.5849-3.0527i	-3.4002-2.2936i
18.0	-1.2249-2.3872i	1.0812+0.8962i	-0.5020-2.3611i	-1.2864-2.3190i	1.0895+0.9175i	-2.5798-2.4909i	-3.2249-1.6322i
18.1	-1.2700-2.0685i	1.0634+0.7570i	-0.6417-2.1269i	-1.3244-1.9997i	1.0716+0.7755i	-2.4690-2.0942i	-2.9665-1.2771i
18.2	-1.2843-1.7517i	1.0284+0.5922i	-0.7539-1.9044i	-1.3296-1.6863i	1.0361+0.6112i	-2.3448-1.6786i	-2.7049-0.8591i

18.3	-1.2553-1.5120i	0.9816+0.4762i	-0.7952-1.7502i	-1.2954-1.4519i	0.9883+0.4919i	-2.1741-1.4092i	-2.4632-0.5945i
18.4	-1.2571-1.3784i	0.9692+0.3735i	-0.8708-1.6890i	-1.2830-1.3138i	0.9753+0.3918i	-2.0863-1.2528i	-2.3081-0.3972i
18.5	-1.1989-1.2098i	0.8853+0.2761i	-0.9243-1.5887i	-1.2252-1.1458i	0.8941+0.2942i	-1.9636-1.1489i	-2.0718-0.2701i
18.6	-1.2007-1.0018i	0.7750+0.1991i	-1.1720-1.4048i	-1.2148-0.9390i	0.7883+0.2152i	-1.9997-0.9018i	-1.7930-0.0642i
18.7	-1.0724-0.8220i	0.7339+0.1885i	-1.1605-0.9800i	-1.0847-0.7690i	0.7427+0.1976i	-1.8009-0.5745i	-1.5252-0.0901i
18.8	-0.9555-0.7429i	0.6981+0.1514i	-0.9639-0.8473i	-0.9639-0.7013i	0.7030+0.1542i	-1.5333-0.5227i	-1.3970-0.1250i
18.9	-0.9022-0.6995i	0.6875+0.1309i	-0.9111-0.7981i	-0.9065-0.6612i	0.6924+0.1387i	-1.4281-0.5046i	-1.3230-0.1265i
19.0	-0.8505-0.6360i	0.6559+0.0898i	-0.8812-0.7344i	-0.8571-0.5994i	0.6576+0.0953i	-1.3418-0.4572i	-1.2424-0.0875i
19.1	-0.7634-0.6130i	0.6091+0.0753i	-0.8193-0.6761i	-0.7704-0.5767i	0.6110+0.0818i	-1.2311-0.4537i	-1.1417-0.1344i
19.2	-0.7352-0.5721i	0.5776+0.0435i	-0.7983-0.5946i	-0.7431-0.5391i	0.5803+0.0503i	-1.1857-0.4122i	-1.1002-0.1359i
19.3	-0.6946-0.5423i	0.5509+0.0229i	-0.7488-0.5259i	-0.7041-0.5151i	0.5504+0.0295i	-1.1283-0.3819i	-1.0630-0.1513i
19.4	-0.6801-0.5028i	0.5256-0.0100i	-0.7138-0.4771i	-0.6892-0.4679i	0.5254-0.0045i	-1.0862-0.3500i	-1.0540-0.1351i
19.5	-0.6719-0.4772i	0.5160-0.0070i	-0.6803-0.4290i	-0.6800-0.4487i	0.5113-0.0029i	-1.0686-0.3248i	-1.0856-0.1427i
19.6	-0.6441-0.4631i	0.5108-0.0145i	-0.6363-0.4061i	-0.6523-0.4307i	0.5091-0.0123i	-1.0428-0.3209i	-1.0920-0.1360i
19.7	-0.6140-0.4784i	0.5187-0.0044i	-0.6140-0.4203i	-0.6236-0.4475i	0.5115+0.0047i	-1.0422-0.3311i	-1.1235-0.1326i
19.8	-0.5888-0.4450i	0.4923-0.0214i	-0.5899-0.4031i	-0.5988-0.4160i	0.4810-0.0126i	-1.0090-0.2770i	-1.0698-0.0528i
19.9	-0.5705-0.4186i	0.4610-0.0288i	-0.5757-0.3676i	-0.5828-0.3825i	0.4569-0.0226i	-0.9573-0.2316i	-1.0098-0.0180i
20.0	-0.5532-0.3820i	0.4307-0.0380i	-0.5662-0.3266i	-0.5621-0.3572i	0.4262-0.0281i	-0.9074-0.1828i	-0.9542+0.0062i
20.1	-0.5392-0.3700i	0.4415-0.0348i	-0.5425-0.3086i	-0.5513-0.3392i	0.4301-0.0239i	-0.8697-0.1656i	-0.9288-0.0001i
20.2	-0.5212-0.3279i	0.4444-0.0427i	-0.5164-0.2547i	-0.5326-0.3002i	0.4330-0.0377i	-0.8237-0.1255i	-0.9070+0.0287i
20.3	-0.4994-0.3180i	0.4488-0.0374i	-0.4991-0.2420i	-0.5086-0.2922i	0.4333-0.0285i	-0.7986-0.1500i	-0.8929-0.0071i
20.4	-0.4720-0.3019i	0.4526-0.0491i	-0.4602-0.2223i	-0.4834-0.2845i	0.4374-0.0420i	-0.7683-0.1369i	-0.8898+0.0068i
20.5	-0.4627-0.2961i	0.4635-0.0663i	-0.4429-0.2094i	-0.4782-0.2690i	0.4504-0.0579i	-0.7598-0.1170i	-0.9074+0.0354i
20.6	-0.4312-0.2801i	0.4699-0.0744i	-0.4264-0.1929i	-0.4554-0.2591i	0.4543-0.0640i	-0.7359-0.1069i	-0.8887+0.0334i
20.7	-0.4127-0.2491i	0.4839-0.1014i	-0.4096-0.1597i	-0.4319-0.2332i	0.4559-0.0891i	-0.7218-0.0648i	-0.8854+0.0847i
20.8	-0.3891-0.2536i	0.4899-0.0995i	-0.3848-0.1407i	-0.4027-0.2291i	0.4672-0.0886i	-0.6927-0.0537i	-0.8976+0.0755i
20.9	-0.3823-0.2451i	0.5162-0.1378i	-0.3693-0.1267i	-0.4060-0.2224i	0.4871-0.1245i	-0.6872-0.0258i	-0.9143+0.1211i
21.0	-0.3817-0.2337i	0.5467-0.1822i	-0.3595-0.1166i	-0.4046-0.2082i	0.5170-0.1661i	-0.6783-0.0050i	-0.9490+0.1668i
21.1	-0.3579-0.2198i	0.5263-0.1996i	-0.3287-0.1034i	-0.3810-0.1921i	0.4952-0.1769i	-0.6360+0.0213i	-0.9073+0.1982i
21.2	-0.3396-0.2208i	0.5482-0.2330i	-0.3165-0.0872i	-0.3682-0.1898i	0.5151-0.2042i	-0.6183+0.0363i	-0.9135+0.2209i
21.3	-0.3118-0.2042i	0.5536-0.2868i	-0.2968-0.0829i	-0.3377-0.1784i	0.5176-0.2607i	-0.5949+0.0493i	-0.9095+0.2759i
21.4	-0.3149-0.1610i	0.5212-0.3714i	-0.2786-0.0380i	-0.3366-0.1343i	0.4916-0.3313i	-0.5633+0.1051i	-0.8670+0.3462i
21.5	-0.3171-0.1575i	0.5482-0.4892i	-0.2451-0.0261i	-0.3420-0.1182i	0.5117-0.4377i	-0.5388+0.1509i	-0.9203+0.4570i
21.6	-0.2830-0.1652i	0.4811-0.5761i	-0.2041-0.0336i	-0.3093-0.1239i	0.4479-0.5139i	-0.4723+0.1408i	-0.8239+0.5246i
21.7	-0.2738-0.1487i	0.3443-0.6778i	-0.1813-0.0352i	-0.2880-0.1107i	0.3229-0.6057i	-0.4153+0.1613i	-0.6887+0.6201i
21.8	-0.2686-0.1491i	0.2296-0.7004i	-0.1670-0.0361i	-0.2789-0.1059i	0.2191-0.6287i	-0.3862+0.1558i	-0.6042+0.6456i
21.9	-0.2611-0.1333i	0.1137-0.6754i	-0.1509-0.0411i	-0.2714-0.0966i	0.1193-0.6005i	-0.3495+0.1464i	-0.4967+0.6197i
22.0	-0.2433-0.1281i	-0.0122-0.6702i	-0.1398-0.0382i	-0.2403-0.0816i	0.0061-0.5978i	-0.3110+0.1354i	-0.3743+0.6120i
22.1	-0.2390-0.1290i	-0.1284-0.5920i	-0.1349-0.0481i	-0.2453-0.0927i	-0.1027-0.5300i	-0.2894+0.1106i	-0.2765+0.5477i
22.2	-0.2358-0.1348i	-0.1772-0.5390i	-0.1154-0.0502i	-0.2313-0.1019i	-0.1466-0.4814i	-0.2663+0.0865i	-0.2644+0.4948i
22.3	-0.2095-0.1128i	-0.1987-0.4426i	-0.1057-0.0399i	-0.2067-0.0742i	-0.1600-0.3954i	-0.2396+0.0753i	-0.2235+0.4070i
22.4	-0.1730-0.1003i	-0.1884-0.3587i	-0.0733-0.0443i	-0.1813-0.0671i	-0.1632-0.3165i	-0.2187+0.0582i	-0.2318+0.3485i
22.5	-0.1791-0.1104i	-0.2039-0.2874i	-0.0632-0.0725i	-0.1879-0.0829i	-0.1760-0.2530i	-0.2241+0.0332i	-0.2456+0.3081i
22.6	-0.1806-0.1074i	-0.2260-0.2915i	-0.0641-0.0616i	-0.1901-0.0768i	-0.1946-0.2593i	-0.2274+0.0320i	-0.2357+0.2866i
22.7	-0.1665-0.0992i	-0.2007-0.2532i	-0.0530-0.0685i	-0.1749-0.0680i	-0.1668-0.2231i	-0.2180+0.0302i	-0.2484+0.2822i
22.8	-0.1639-0.0919i	-0.1372-0.2024i	-0.0634-0.0780i	-0.1676-0.0633i	-0.1115-0.1791i	-0.2210+0.0281i	-0.2952+0.2766i
22.9	-0.1300-0.1067i	-0.1295-0.1758i	-0.0363-0.0944i	-0.1354-0.0660i	-0.1116-0.1471i	-0.2076+0.0122i	-0.2991+0.2562i
23.0	-0.1185-0.0931i	-0.1445-0.1763i	-0.0489-0.0905i	-0.1263-0.0570i	-0.1249-0.1534i	-0.1984+0.0093i	-0.2364+0.2779i
23.1	-0.1182-0.0934i	-0.1665-0.1840i	-0.0466-0.0903i	-0.1134-0.0639i	-0.1401-0.1575i	-0.1857+0.0030i	-0.2073+0.2641i
23.2	-0.1015-0.0873i	-0.1345-0.1781i	-0.0474-0.0798i	-0.0968-0.0507i	-0.1156-0.1491i	-0.1836+0.0093i	-0.2077+0.2664i
23.3	-0.0999-0.0804i	-0.1181-0.1674i	-0.0629-0.0882i	-0.0825-0.0326i	-0.0920-0.1437i	-0.1806+0.0219i	-0.1872+0.3282i
23.4	-0.1096-0.0785i	-0.1194-0.1326i	-0.0557-0.1003i	-0.1065-0.0324i	-0.0996-0.1050i	-0.1859+0.0149i	-0.2100+0.3021i
23.5	-0.0969-0.0709i	-0.1328-0.1320i	-0.0425-0.0823i	-0.0834-0.0322i	-0.1156-0.1130i	-0.1717+0.0094i	-0.1715+0.2722i
23.6	-0.0904-0.0651i	-0.1351-0.1272i	-0.0551-0.0671i	-0.0714-0.0371i	-0.1141-0.1085i	-0.1614+0.0094i	-0.1342+0.2307i
23.7	-0.0792-0.0705i	-0.1106-0.1143i	-0.0561-0.0596i	-0.0613-0.0453i	-0.0902-0.1007i	-0.1685+0.0047i	-0.1565+0.2171i
23.8	-0.0648-0.0611i	-0.1181-0.0899i	-0.0404-0.0536i	-0.0586-0.0448i	-0.0995-0.0758i	-0.1636-0.0036i	-0.1494+0.1721i
23.9	-0.0846-0.0475i	-0.1225-0.0647i	-0.0458-0.0482i	-0.0563-0.0221i	-0.1052-0.0532i	-0.1737+0.0005i	-0.1598+0.1603i
24.0	-0.0614-0.0357i	-0.1084-0.0543i	-0.0336-0.0384i	-0.0479-0.0116i	-0.0847-0.0503i	-0.1601+0.0038i	-0.1645+0.1420i
24.1	-0.0364-0.0365i	-0.0968-0.0423i	-0.0216-0.0422i	-0.0244-0.0161i	-0.0769-0.0316i	-0.1540+0.0003i	-0.1794+0.1203i
24.2	-0.0335-0.0383i	-0.0989-0.0304i	-0.0106-0.0393i	-0.0191-0.0167i	-0.0794-0.0233i	-0.1549-0.0037i	-0.1821+0.1139i
24.3	-0.0253-0.0350i	-0.1074-0.0279i	-0.0068-0.0283i	-0.0108-0.0160i	-0.0878-0.0213i	-0.1538+0.0009i	-0.1782+0.0994i
24.4	-0.0191-0.0332i	-0.1045-0.0399i	0.0103-0.0340i	-0.0185-0.0182i	-0.0864-0.0352i	-0.1611-0.0012i	-0.2048+0.1180i
24.5	-0.0047-0.0240i	-0.0900-0.0312i	0.0204-0.0329i	0.0054-0.0188i	-0.0714-0.0262i	-0.1508+0.0044i	-0.2121+0.1065i

24.6	0.0033-0.0186i	-0.0731-0.0195i	0.0204-0.0278i	0.0061-0.0097i	-0.0612-0.0134i	-0.1469+0.0069i	-0.2120+0.0942i
24.7	0.0090-0.0204i	-0.0602-0.0093i	0.0199-0.0347i	0.0270-0.0149i	-0.0473-0.0082i	-0.1394+0.0062i	-0.2265+0.1003i
24.8	0.0218-0.0210i	-0.0629-0.0124i	0.0354-0.0313i	0.0268-0.0004i	-0.0502-0.0081i	-0.1448+0.0119i	-0.2389+0.0978i
24.9	0.0449-0.0159i	-0.0549-0.0208i	0.0480-0.0252i	0.0446-0.0072i	-0.0486-0.0143i	-0.1348+0.0042i	-0.2297+0.0897i
25.0	0.0427-0.0211i	-0.0455-0.0149i	0.0474-0.0281i	0.0425-0.0109i	-0.0369-0.0106i	-0.1389+0.0064i	-0.2372+0.0973i
25.1	0.0596-0.0121i	-0.0440-0.0049i	0.0572-0.0215i	0.0534-0.0014i	-0.0353-0.0032i	-0.1315+0.0096i	-0.2452+0.0782i
25.2	0.0747-0.0053i	-0.0437-0.0037i	0.0617-0.0240i	0.0741+0.0061i	-0.0357-0.0025i	-0.1173+0.0096i	-0.2421+0.0822i
25.3	0.0763-0.0107i	-0.0445+0.0043i	0.0659-0.0323i	0.0716+0.0051i	-0.0372+0.0065i	-0.1239+0.0178i	-0.2506+0.0955i
25.4	0.0780-0.0161i	-0.0368-0.0056i	0.0774-0.0424i	0.0783-0.0069i	-0.0287-0.0004i	-0.1301+0.0181i	-0.2822+0.1074i
25.5	0.0912-0.0080i	-0.0317-0.0029i	0.0922-0.0449i	0.0869+0.0019i	-0.0344-0.0021i	-0.1359+0.0198i	-0.2978+0.1152i
25.6	0.1035-0.0149i	-0.0289+0.0003i	0.0892-0.0477i	0.0984-0.0038i	-0.0241+0.0087i	-0.1272+0.0114i	-0.2935+0.1102i
25.7	0.1199-0.0116i	-0.0300-0.0012i	0.0988-0.0581i	0.1186-0.0005i	-0.0270+0.0006i	-0.1180+0.0215i	-0.2953+0.1185i
25.8	0.1190-0.0126i	-0.0267-0.0046i	0.1009-0.0550i	0.1150+0.0036i	-0.0254+0.0005i	-0.1289+0.0155i	-0.3123+0.1187i
25.9	0.1325-0.0210i	-0.0191+0.0009i	0.0993-0.0658i	0.1222-0.0090i	-0.0209+0.0020i	-0.1265+0.0246i	-0.3126+0.1382i
26.0	0.1399-0.0128i	-0.0186+0.0038i	0.0895-0.0589i	0.1373+0.0001i	-0.0215+0.0061i	-0.1188+0.0191i	-0.2728+0.1258i
26.1	0.1540-0.0158i	-0.0090+0.0137i	0.1004-0.0597i	0.1486+0.0017i	-0.0146+0.0157i	-0.1060+0.0285i	-0.2674+0.1384i
26.2	0.1607-0.0225i	-0.0117+0.0086i	0.0989-0.0798i	0.1594+0.0011i	-0.0091+0.0147i	-0.1159+0.0364i	-0.2993+0.1814i
26.3	0.1699-0.0278i	-0.0126-0.0011i	0.0991-0.0861i	0.1589-0.0054i	-0.0144+0.0064i	-0.1164+0.0454i	-0.3031+0.2075i
26.4	0.1743-0.0131i	-0.0142-0.0074i	0.1167-0.0843i	0.1772+0.0014i	-0.0125+0.0001i	-0.1321+0.0327i	-0.3481+0.1829i
26.5	0.1812-0.0243i	-0.0084+0.0073i	0.0998-0.1019i	0.1849-0.0075i	-0.0102+0.0102i	-0.1131+0.0598i	-0.2996+0.2385i
26.6	0.1952-0.0104i	-0.0126+0.0080i	0.0972-0.1135i	0.1841+0.0126i	-0.0156+0.0124i	-0.1155+0.0689i	-0.2972+0.2726i
26.7	0.1940-0.0138i	-0.0153+0.0091i	0.0919-0.0874i	0.1927-0.0023i	-0.0165+0.0110i	-0.1037+0.0579i	-0.2840+0.2255i
26.8	0.2050-0.0111i	-0.0015+0.0153i	0.0799-0.0801i	0.1930+0.0050i	-0.0089+0.0213i	-0.1000+0.0577i	-0.2593+0.2266i
26.9	0.2194-0.0096i	0.0051+0.0117i	0.1045-0.0974i	0.2160+0.0118i	-0.0013+0.0174i	-0.1069+0.0777i	-0.3208+0.2733i
27.0	0.2245-0.0100i	0.0006+0.0064i	0.1080-0.1063i	0.2207+0.0057i	0.0020+0.0065i	-0.1127+0.0887i	-0.3255+0.3042i
27.1	0.2396-0.0196i	0.0097+0.0117i	0.0884-0.1275i	0.2378-0.0011i	0.0015+0.0151i	-0.0928+0.1236i	-0.2590+0.3859i
27.2	0.2455-0.0146i	0.0152+0.0091i	0.0905-0.1022i	0.2379-0.0033i	0.0042+0.0091i	-0.0748+0.0900i	-0.2306+0.3097i
27.3	0.2601-0.0131i	0.0221+0.0025i	0.1023-0.0914i	0.2633+0.0049i	0.0146+0.0012i	-0.0724+0.0919i	-0.2388+0.2837i
27.4	0.2801-0.0208i	0.0223-0.0025i	0.0948-0.1367i	0.2702-0.0057i	0.0091-0.0005i	-0.0631+0.1337i	-0.2100+0.4146i
27.5	0.2866-0.0302i	0.0167+0.0005i	0.1048-0.1732i	0.2834-0.0076i	0.0099+0.0003i	-0.0691+0.1580i	-0.2291+0.4859i
27.6	0.2886-0.0348i	0.0228-0.0034i	0.0630-0.1551i	0.2802-0.0041i	0.0130+0.0041i	-0.0270+0.1350i	-0.1099+0.4317i
27.7	0.2904-0.0241i	0.0173-0.0023i	0.0472-0.1207i	0.2786-0.0112i	0.0043-0.0002i	-0.0161+0.1106i	-0.0857+0.3458i
27.8	0.2984-0.0235i	0.0136-0.0005i	0.0277-0.1039i	0.3009-0.0076i	0.0012-0.0034i	0.0178+0.0921i	-0.0141+0.3014i
27.9	0.3095-0.0322i	0.0126-0.0078i	-0.0031-0.1154i	0.3088-0.0106i	0.0043-0.0019i	0.0404+0.1167i	0.0689+0.3436i
28.0	0.3300-0.0194i	0.0112-0.0017i	0.0129-0.0751i	0.3346-0.0016i	-0.0036+0.0031i	0.0409+0.0851i	0.0415+0.2563i
28.1	0.3517-0.0189i	0.0122+0.0009i	0.0429-0.0653i	0.3459+0.0073i	-0.0026+0.0078i	0.0250+0.0748i	-0.0058+0.2136i
28.2	0.3601-0.0245i	0.0029-0.0066i	0.0053-0.1179i	0.3558+0.0019i	-0.0090+0.0003i	0.0449+0.1053i	0.0632+0.3556i
28.3	0.3664-0.0350i	-0.0008-0.0057i	0.0018-0.0984i	0.3657-0.0090i	-0.0186-0.0004i	0.0565+0.0948i	0.0841+0.2932i
28.4	0.3724-0.0284i	0.0006+0.0064i	-0.0089-0.0628i	0.3656-0.0031i	-0.0189+0.0112i	0.0575+0.0580i	0.1143+0.1942i
28.5	0.3826-0.0341i	0.0143+0.0071i	0.0192-0.0233i	0.3893-0.0159i	-0.0027+0.0144i	0.0533+0.0164i	0.0654+0.0910i
28.6	0.3933-0.0396i	0.0132+0.0098i	0.0109-0.0392i	0.4019-0.0044i	-0.0054+0.0169i	0.0416+0.0344i	0.0637+0.1244i
28.7	0.4186-0.0503i	0.0112+0.0144i	0.0183-0.0321i	0.4184-0.0097i	-0.0091+0.0194i	0.0399+0.0214i	0.0551+0.1002i
28.8	0.4217-0.0580i	0.0152+0.0205i	0.0198-0.0232i	0.4217-0.0280i	-0.0030+0.0233i	0.0312+0.0154i	0.0428+0.0807i
28.9	0.4352-0.0505i	0.0229+0.0180i	0.0466-0.0144i	0.4336-0.0232i	0.0031+0.0244i	0.0119+0.0089i	-0.0176+0.0680i
29.0	0.4394-0.0584i	0.0196+0.0147i	0.0366-0.0181i	0.4436-0.0360i	-0.0020+0.0206i	0.0107+0.0075i	-0.0185+0.0686i
29.1	0.4554-0.0807i	0.0188+0.0111i	0.0237-0.0227i	0.4618-0.0486i	-0.0021+0.0240i	0.0209+0.0122i	0.0035+0.0846i
29.2	0.4895-0.0940i	0.0260+0.0118i	0.0305-0.0187i	0.4909-0.0614i	0.0038+0.0203i	0.0216+0.0105i	-0.0055+0.0737i
29.3	0.5010-0.1020i	0.0170+0.0128i	0.0282-0.0064i	0.5042-0.0850i	-0.0087+0.0248i	0.0185+0.0132i	0.0093+0.0685i
29.4	0.4935-0.1037i	0.0253+0.0135i	0.0326+0.0032i	0.5035-0.0829i	0.0034+0.0288i	-0.0013+0.0035i	-0.0125+0.0281i
29.5	0.4828-0.1027i	0.0423+0.0008i	0.0498+0.0059i	0.5020-0.0776i	0.0147+0.0140i	-0.0111+0.0006i	-0.0520+0.0128i
29.6	0.4792-0.1031i	0.0454+0.0016i	0.0529+0.0154i	0.4912-0.0808i	0.0189+0.0158i	-0.0254+0.0063i	-0.0560+0.0103i
29.7	0.4931-0.1106i	0.0456+0.0127i	0.0358+0.0263i	0.5151-0.0870i	0.0198+0.0240i	-0.0128+0.0198i	-0.0237+0.0332i
29.8	0.5100-0.1187i	0.0379-0.0011i	0.0509+0.0084i	0.5198-0.0960i	0.0146+0.0144i	-0.0366+0.0192i	-0.0884+0.0563i
29.9	0.5143-0.1355i	0.0445-0.0101i	0.0635+0.0262i	0.5275-0.1196i	0.0145+0.0090i	-0.0388+0.0285i	-0.0873+0.0277i
30.0	0.5152-0.1284i	0.0468-0.0088i	0.0682+0.0394i	0.5326-0.1177i	0.0094+0.0061i	-0.0330+0.0166i	-0.0737-0.0075i
30.1	0.5466-0.1172i	0.0436-0.0140i	0.0837+0.0457i	0.5667-0.1077i	0.0112+0.0031i	-0.0487+0.0242i	-0.1123-0.0070i
30.2	0.5537-0.1197i	0.0478-0.0136i	0.0824+0.0491i	0.5717-0.1104i	0.0145+0.0057i	-0.0537+0.0267i	-0.1102-0.0256i
30.3	0.5481-0.1413i	0.0586-0.0172i	0.0980+0.0458i	0.5660-0.1312i	0.0306+0.0002i	-0.0449+0.0366i	-0.1204-0.0050i
30.4	0.5634-0.1554i	0.0552-0.0223i	0.0856+0.0480i	0.5782-0.1474i	0.0200-0.0013i	-0.0425+0.0566i	-0.0768+0.0148i
30.5	0.5552-0.1498i	0.0702-0.0109i	0.0709+0.0704i	0.5894-0.1441i	0.0349+0.0104i	-0.0202+0.0550i	-0.0345-0.0286i
30.6	0.5851-0.1643i	0.0616-0.0159i	0.0681+0.0715i	0.5973-0.1541i	0.0308+0.0133i	-0.0207+0.0668i	-0.0576+0.0048i
30.7	0.6085-0.1909i	0.0617-0.0192i	0.0918+0.0773i	0.6179-0.1869i	0.0280+0.0109i	-0.0279+0.0663i	-0.0851-0.0142i
30.8	0.5975-0.2134i	0.0585-0.0167i	0.1069+0.0669i	0.6099-0.2154i	0.0272+0.0106i	-0.0239+0.0649i	-0.0697-0.0210i

30.9	0.5767-0.2216i	0.0646-0.0035i	0.0552+0.0437i	0.6094-0.2080i	0.0337+0.0215i	0.0200+0.1041i	0.0241+0.0806i
31.0	0.5905-0.1998i	0.0614-0.0298i	0.0809+0.0547i	0.6251-0.1998i	0.0352+0.0049i	0.0072+0.0871i	-0.0228+0.0234i
31.1	0.6236-0.2011i	0.0465-0.0274i	0.1358+0.0764i	0.6369-0.1960i	0.0175+0.0047i	-0.0239+0.0757i	-0.0987-0.0225i
31.2	0.6293-0.1883i	0.0341-0.0413i	0.1700+0.0883i	0.6271-0.2186i	0.0119-0.0132i	-0.0310+0.0596i	-0.1525-0.1136i
31.3	0.6106-0.1909i	0.0610-0.0215i	0.1210+0.0779i	0.6321-0.2119i	0.0373-0.0011i	-0.0029+0.0704i	-0.0562-0.0564i
31.4	0.6076-0.1791i	0.0530-0.0351i	0.1026+0.0884i	0.6430-0.1977i	0.0330-0.0104i	0.0305+0.0660i	0.0266-0.0604i
31.5	0.6810-0.1657i	0.0064-0.0433i	0.2652+0.0676i	0.6191-0.1880i	-0.0209-0.0102i	-0.1019+0.0515i	-0.3894-0.1177i
31.6	0.7300-0.1514i	-0.0137-0.0510i	0.3448+0.1003i	0.6361-0.1869i	-0.0328-0.0250i	-0.1754+0.0223i	-0.5698-0.2244i
31.7	0.7180-0.1405i	0.0154-0.0745i	0.2765+0.2040i	0.6443-0.2281i	-0.0191-0.0423i	-0.0870-0.0495i	-0.3250-0.4454i
31.8	0.7483-0.1669i	0.0135-0.0238i	0.2873+0.1059i	0.6714-0.2001i	-0.0188-0.0022i	-0.1045+0.0320i	-0.4135-0.2214i
31.9	0.7437-0.1651i	0.0570-0.0405i	0.2055+0.1334i	0.7145-0.2020i	0.0225-0.0148i	-0.0342+0.0231i	-0.2152-0.2289i
32.0	0.7745-0.1452i	0.0580-0.0590i	0.2807+0.2078i	0.7069-0.2290i	0.0163-0.0336i	-0.0673-0.0468i	-0.2898-0.4322i
32.1	0.8011-0.1567i	0.0349-0.0538i	0.3340+0.1246i	0.7264-0.2133i	0.0022-0.0276i	-0.1107+0.0156i	-0.4246-0.3130i
32.2	0.8089-0.1303i	0.0174-0.0853i	0.3843+0.1885i	0.6954-0.2324i	-0.0175-0.0564i	-0.1552-0.0568i	-0.5103-0.4897i
32.3	0.8763-0.2067i	0.0096-0.0176i	0.3189-0.0457i	0.7906-0.1781i	-0.0335+0.0119i	-0.1103+0.1425i	-0.4684+0.0242i
32.4	0.8965-0.2292i	-0.0099+0.0135i	0.2918-0.0883i	0.8104-0.2156i	-0.0501+0.0348i	-0.0931+0.1729i	-0.4404+0.0432i
32.5	0.9044-0.2180i	-0.0091-0.0033i	0.4003+0.0125i	0.7624-0.2175i	-0.0499+0.0224i	-0.1794+0.0880i	-0.6415-0.2069i
32.6	0.9079-0.2052i	0.0096-0.0236i	0.3798+0.0668i	0.7643-0.2224i	-0.0356+0.0032i	-0.1589+0.0418i	-0.6028-0.3081i
32.7	0.9473-0.2280i	0.0066+0.0062i	0.2717-0.0344i	0.8444-0.2394i	-0.0437+0.0271i	-0.0785+0.1218i	-0.4489-0.1197i
32.8	0.9672-0.2498i	0.0548+0.0256i	0.2386-0.0949i	0.8850-0.2320i	0.0019+0.0369i	-0.0479+0.1691i	-0.4139+0.0058i
32.9	0.9916-0.2756i	0.0410+0.0072i	0.2932-0.1316i	0.8949-0.2204i	-0.0095+0.0255i	-0.0976+0.1760i	-0.5631+0.0626i
33.0	1.0142-0.2925i	0.0717+0.0519i	0.2704-0.1890i	0.9654-0.1955i	0.0234+0.0831i	-0.0911+0.2231i	-0.5609+0.1792i
33.1	1.0267-0.2882i	0.0633+0.0338i	0.2089-0.1609i	0.9739-0.2386i	0.0020+0.0632i	-0.0500+0.2147i	-0.4588+0.1557i
33.2	1.0407-0.3163i	0.0556+0.0641i	0.1987-0.1317i	0.9797-0.2409i	0.0073+0.0907i	-0.0647+0.1838i	-0.4985+0.1133i
33.3	1.0472-0.3185i	0.1055+0.0449i	0.1514-0.1781i	1.0378-0.2217i	0.0484+0.0721i	-0.0342+0.2115i	-0.4319+0.2233i
33.4	1.0811-0.2971i	0.1066+0.0278i	0.1207-0.0945i	1.0366-0.2181i	0.0367+0.0574i	-0.0212+0.1487i	-0.3667+0.1075i
33.5	1.1112-0.2830i	0.1074+0.0138i	0.1350-0.0654i	1.0442-0.2278i	0.0443+0.0465i	-0.0390+0.1444i	-0.3851+0.0572i
33.6	1.1557-0.2495i	0.1148+0.0015i	0.0791-0.0536i	1.1029-0.2211i	0.0463+0.0303i	-0.0144+0.1549i	-0.3130+0.0559i
33.7	1.2641-0.1863i	0.0961-0.0230i	0.1243-0.0271i	1.1894-0.1623i	0.0195-0.0011i	-0.0754+0.1553i	-0.3851+0.0308i
33.8	1.3644-0.2207i	0.1288-0.0162i	0.0967-0.0820i	1.3386-0.1483i	0.0485+0.0164i	-0.0578+0.2061i	-0.4098+0.1424i
33.9	1.4617-0.3002i	0.1237-0.0449i	0.1844-0.0633i	1.3973-0.1827i	0.0482-0.0016i	-0.1038+0.2056i	-0.5480+0.0638i
34.0	1.5583-0.3632i	0.0747-0.0378i	0.2470+0.0018i	1.4545-0.2608i	-0.0080+0.0207i	-0.1308+0.1610i	-0.5954-0.1269i
34.1	1.6799-0.4502i	0.0878-0.0411i	0.1941-0.0130i	1.6070-0.3502i	-0.0018+0.0158i	-0.0874+0.1869i	-0.4903-0.0623i
34.2	1.7632-0.6093i	0.0758-0.0341i	0.1861-0.0965i	1.7019-0.4639i	-0.0114+0.0378i	-0.0890+0.2343i	-0.6009+0.0693i
34.3	1.7867-0.6681i	0.0626-0.0098i	0.2622-0.1661i	1.7455-0.4683i	-0.0227+0.0644i	-0.1617+0.2702i	-0.8383+0.1333i
34.4	1.7811-0.7479i	0.0505-0.0198i	0.2737-0.2014i	1.7347-0.5489i	-0.0352+0.0530i	-0.1823+0.2871i	-0.9018+0.1911i
34.5	1.8325-0.8546i	0.0614-0.0112i	0.1818-0.2363i	1.8079-0.6562i	-0.0218+0.0657i	-0.1315+0.3255i	-0.8282+0.3274i
34.6	1.7957-0.9303i	0.0681-0.0026i	0.1364-0.2263i	1.7873-0.7523i	-0.0155+0.0759i	-0.1118+0.3191i	-0.7868+0.2987i
34.7	1.8763-1.0280i	0.0870+0.0179i	0.1054-0.2688i	1.8939-0.8213i	0.0006+0.1074i	-0.1052+0.3618i	-0.8264+0.4170i
34.8	1.9073-1.1209i	0.1170+0.0518i	0.0472-0.3139i	1.9506-0.8836i	0.0286+0.1372i	-0.0807+0.4061i	-0.8351+0.5373i
34.9	1.9360-1.2340i	0.1394+0.0573i	-0.0156-0.3704i	2.0137-0.9713i	0.0437+0.1533i	-0.0609+0.4741i	-0.8244+0.7157i
35.0	1.9460-1.3478i	0.1601+0.0462i	-0.1069-0.3392i	2.0515-1.0976i	0.0721+0.1511i	-0.0084+0.4702i	-0.7158+0.7660i
35.1	1.9540-1.4433i	0.1743+0.0524i	-0.1522-0.2776i	2.0711-1.1946i	0.0854+0.1556i	0.0137+0.4478i	-0.6823+0.7612i
35.2	1.9553-1.5847i	0.2070+0.0375i	-0.2510-0.2406i	2.1157-1.3553i	0.1172+0.1568i	0.0682+0.4546i	-0.5453+0.8560i
35.3	1.9449-1.7137i	0.2393+0.0183i	-0.3317-0.1832i	2.1430-1.4964i	0.1480+0.1437i	0.1185+0.4396i	-0.4391+0.8976i
35.4	1.9469-1.7849i	0.2258+0.0025i	-0.2182-0.0731i	2.1150-1.5852i	0.1308+0.1240i	0.0029+0.3827i	-0.6174+0.7938i
35.5	1.8748-1.8660i	0.1928-0.0128i	-0.1091+0.0997i	2.0048-1.7113i	0.1178+0.1201i	-0.0691+0.2758i	-0.6574+0.5592i
35.6	1.8069-2.0289i	0.2412-0.0519i	-0.1895+0.1605i	1.9822-1.9128i	0.1630+0.0909i	-0.0131+0.2700i	-0.5151+0.6119i
35.7	1.7462-2.1019i	0.2381-0.0657i	-0.1907+0.2434i	1.9446-2.0172i	0.1720+0.0844i	0.0018+0.2563i	-0.4307+0.5718i
35.8	1.6647-2.1839i	0.2426-0.0721i	-0.1287+0.2271i	1.8574-2.0855i	0.1827+0.0761i	-0.0486+0.3048i	-0.4709+0.6361i
35.9	1.6385-2.2759i	0.2321-0.0786i	0.0101+0.2169i	1.7999-2.1587i	0.1744+0.0758i	-0.1719+0.3612i	-0.6573+0.6681i
36.0	1.5154-2.3796i	0.2392-0.0968i	-0.0184+0.2944i	1.7000-2.3028i	0.1903+0.0627i	-0.1277+0.3462i	-0.5305+0.6755i
36.1	1.4987-2.4667i	0.2340-0.1167i	0.0072+0.3287i	1.6900-2.4011i	0.1889+0.0490i	-0.1420+0.3748i	-0.5124+0.7021i
36.2	1.4274-2.4963i	0.2370-0.1047i	0.0603+0.2709i	1.6060-2.4146i	0.1919+0.0574i	-0.1662+0.4402i	-0.5555+0.8026i
36.3	1.3314-2.5059i	0.2424-0.1342i	0.0790+0.3587i	1.5156-2.4662i	0.2058+0.0155i	-0.1561+0.4179i	-0.4565+0.7070i
36.4	1.3186-2.6010i	0.2605-0.1548i	0.0897+0.3723i	1.5130-2.5747i	0.2206+0.0033i	-0.1392+0.4555i	-0.4277+0.7562i
36.5	1.2981-2.6646i	0.2717-0.1589i	0.0944+0.3661i	1.5171-2.6470i	0.2274+0.0077i	-0.1313+0.4866i	-0.4239+0.7989i
36.6	1.2139-2.7292i	0.2785-0.1586i	0.1363+0.3116i	1.4300-2.6955i	0.2325-0.0018i	-0.1198+0.5676i	-0.4452+0.9263i
36.7	1.1483-2.8369i	0.2895-0.1956i	0.1084+0.3390i	1.3826-2.8263i	0.2445-0.0183i	-0.0544+0.5911i	-0.2864+1.0192i
36.8	1.0571-2.8277i	0.2936-0.2387i	0.0900+0.3917i	1.3097-2.8570i	0.2584-0.0581i	-0.0053+0.5635i	-0.1242+0.9516i
36.9	1.0327-2.9716i	0.2873-0.2542i	0.1629+0.3788i	1.2837-3.0064i	0.2539-0.0650i	-0.0217+0.6080i	-0.1622+1.0029i
37.0	0.9083-3.0151i	0.2762-0.2765i	0.2538+0.4012i	1.1459-3.0501i	0.2491-0.0757i	-0.0485+0.5976i	-0.1047+0.9958i
37.1	0.8605-3.0896i	0.2809-0.3222i	0.3093+0.3577i	1.0860-3.1584i	0.2685-0.1211i	-0.0704+0.6641i	-0.0544+0.9775i

37.2	0.8083-3.1743i	0.2770-0.3376i	0.3385+0.3507i	1.0356-3.2442i	0.2652-0.1283i	-0.0758+0.7223i	-0.0362+0.9924i
37.3	0.7491-3.2049i	0.2552-0.3868i	0.3750+0.3770i	0.9696-3.3347i	0.2565-0.1714i	-0.0731+0.7214i	0.0770+0.9078i
37.4	0.6377-3.3719i	0.2625-0.4041i	0.4127+0.2507i	0.8847-3.4699i	0.2657-0.1729i	-0.0357+0.8749i	0.0301+1.1877i
37.5	0.5414-3.4430i	0.2321-0.4327i	0.4065+0.2004i	0.7846-3.5525i	0.2474-0.2052i	-0.0018+0.9467i	0.1468+1.1444i
37.6	0.3709-3.4801i	0.1998-0.4661i	0.4247+0.1693i	0.6048-3.6174i	0.2413-0.2451i	0.0651+0.9960i	0.2914+1.0361i
37.7	0.2522-3.6050i	0.1608-0.5063i	0.4130+0.1404i	0.4708-3.7550i	0.2113-0.2749i	0.1492+1.0683i	0.3891+0.9965i
37.8	0.1907-3.6387i	0.1129-0.5272i	0.4319+0.1263i	0.3401-3.8184i	0.1639-0.3047i	0.1836+1.0883i	0.3653+0.8243i
37.9	-0.0103-3.6811i	0.0705-0.5514i	0.3958+0.1015i	0.1440-3.8818i	0.1491-0.3218i	0.3112+1.1089i	0.5073+0.7509i
38.0	-0.1528-3.6447i	0.0115-0.5641i	0.3426+0.0893i	-0.0121-3.8905i	0.1087-0.3432i	0.4357+1.1166i	0.5620+0.6361i
38.1	-0.3758-3.6119i	-0.0379-0.5485i	0.3280+0.0194i	-0.2422-3.8546i	0.0646-0.3435i	0.5504+1.1096i	0.5169+0.6207i
38.2	-0.4478-3.6000i	-0.0882-0.5261i	0.3237-0.0312i	-0.3460-3.8142i	0.0280-0.3257i	0.6102+1.1228i	0.4279+0.6817i
38.3	-0.5381-3.6735i	-0.1560-0.4950i	0.3143-0.1042i	-0.4602-3.8403i	-0.0257-0.3047i	0.6898+1.1466i	0.4091+0.7598i
38.4	-0.6471-3.6792i	-0.1719-0.4750i	0.2347-0.1164i	-0.5680-3.8492i	-0.0335-0.2933i	0.7909+1.1495i	0.5348+0.7374i
38.5	-0.7349-3.6980i	-0.1957-0.4646i	0.1526-0.1011i	-0.6889-3.9094i	-0.0602-0.2964i	0.9012+1.1373i	0.5779+0.6599i
38.6	-0.8615-3.7712i	-0.2182-0.4109i	0.0799-0.1310i	-0.8182-3.9077i	-0.0806-0.2464i	1.0309+1.1417i	0.6305+0.7329i
38.7	-1.0226-3.7143i	-0.2308-0.3606i	-0.0003-0.0668i	-0.9646-3.8337i	-0.0849-0.2101i	1.1357+1.0333i	0.7143+0.6355i
38.8	-1.1836-3.6507i	-0.2328-0.3144i	0.0210+0.0432i	-1.1578-3.7367i	-0.0930-0.1776i	1.1721+0.8871i	0.6670+0.4208i
38.9	-1.3510-3.6381i	-0.2120-0.2975i	-0.0773+0.0408i	-1.2637-3.7457i	-0.0723-0.1681i	1.2834+0.8464i	0.6581+0.3994i
39.0	-1.4911-3.6619i	-0.1896-0.2628i	-0.0797+0.0486i	-1.3687-3.7328i	-0.0613-0.1319i	1.3500+0.7973i	0.6522+0.4073i
39.1	-1.6391-3.5742i	-0.1808-0.2416i	-0.0835+0.1326i	-1.5095-3.6563i	-0.0473-0.1243i	1.3986+0.6509i	0.6546+0.2883i
39.2	-1.7874-3.5217i	-0.1714-0.2516i	-0.1542+0.2769i	-1.6411-3.6384i	-0.0418-0.1340i	1.4975+0.4572i	0.6952+0.1449i
39.3	-1.9353-3.4690i	-0.1566-0.2293i	-0.1608+0.2791i	-1.7665-3.5934i	-0.0281-0.1209i	1.5280+0.3821i	0.6433+0.1479i
39.4	-2.0844-3.3384i	-0.1351-0.2312i	-0.1828+0.3661i	-1.8801-3.4814i	-0.0057-0.1185i	1.5387+0.2472i	0.6407+0.1189i
39.5	-2.2023-3.2250i	-0.1246-0.2385i	-0.1862+0.5119i	-2.0169-3.4137i	0.0002-0.1335i	1.5469+0.0634i	0.6604+0.0451i
39.6	-2.3498-3.0914i	-0.1310-0.2640i	-0.0801+0.6203i	-2.1812-3.3292i	-0.0021-0.1532i	1.4513-0.1106i	0.5533-0.0178i
39.7	-2.4903-2.9719i	-0.1248-0.2888i	-0.0105+0.6634i	-2.3054-3.2560i	0.0053-0.1886i	1.4138-0.2010i	0.5024-0.0077i
39.8	-2.5330-2.8229i	-0.1462-0.3156i	0.0965+0.7314i	-2.3902-3.1479i	-0.0117-0.2257i	1.3095-0.2992i	0.5190-0.0430i
39.9	-2.5098-2.6376i	-0.1946-0.2493i	0.1466+0.6686i	-2.4439-2.9139i	-0.0623-0.1592i	1.2166-0.3383i	0.5150-0.2661i
40.0	-2.6532-2.5287i	-0.1428-0.2734i	0.1528+0.8089i	-2.5259-2.8527i	-0.0094-0.1737i	1.1785-0.5071i	0.3682-0.2635i
40.1	-2.7314-2.4039i	-0.1463-0.3008i	0.1809+0.8913i	-2.6233-2.7595i	-0.0241-0.2145i	1.1522-0.6132i	0.4338-0.2043i
40.2	-2.7396-2.2871i	-0.1680-0.2785i	0.4349+0.8351i	-2.6928-2.6237i	-0.0370-0.1975i	0.8854-0.5666i	0.2230-0.2220i
40.3	-2.6928-2.1936i	-0.1950-0.2480i	0.6892+0.7298i	-2.7194-2.4765i	-0.0731-0.1692i	0.6295-0.5141i	-0.0320-0.1621i
40.4	-2.6971-2.0383i	-0.2185-0.2486i	0.7825+0.7156i	-2.7431-2.3497i	-0.0989-0.1738i	0.5049-0.5076i	-0.0618-0.1791i
40.5	-2.7340-1.8570i	-0.2131-0.2781i	0.7602+0.7438i	-2.7816-2.2204i	-0.0930-0.2128i	0.5252-0.5602i	0.0426-0.2110i
40.6	-2.7123-1.7601i	-0.2199-0.2683i	0.7702+0.6750i	-2.7929-2.1274i	-0.0973-0.2028i	0.4981-0.5309i	0.1404-0.1310i
40.7	-2.7660-1.7402i	-0.2085-0.2587i	0.8290+0.4849i	-2.8224-2.0693i	-0.0856-0.1966i	0.4611-0.3594i	0.0124+0.0525i
40.8	-2.6824-1.6687i	-0.2102-0.2333i	0.8994+0.3085i	-2.7579-1.9443i	-0.1028-0.1656i	0.3635-0.2164i	-0.0977+0.0723i
40.9	-2.6499-1.5824i	-0.2371-0.2164i	0.9781+0.3140i	-2.7851-1.8422i	-0.1277-0.1566i	0.2733-0.2344i	-0.1610+0.0427i
41.0	-2.6492-1.5041i	-0.2395-0.2087i	1.0886+0.1721i	-2.7904-1.7587i	-0.1322-0.1570i	0.1660-0.1326i	-0.1854+0.0879i
41.1	-2.6224-1.4124i	-0.2431-0.1985i	1.0594+0.0172i	-2.7664-1.6495i	-0.1423-0.1387i	0.1746-0.0069i	-0.1856+0.1365i
41.2	-2.5767-1.3321i	-0.2535-0.2025i	0.9936+0.0549i	-2.7450-1.5872i	-0.1561-0.1508i	0.2128-0.0443i	-0.1156+0.0772i
41.3	-2.5507-1.2171i	-0.2567-0.1998i	0.9232-0.0205i	-2.7119-1.4662i	-0.1621-0.1439i	0.2474-0.0141i	-0.0410+0.0680i
41.4	-2.4559-1.1041i	-0.2431-0.1987i	0.8287-0.0616i	-2.6372-1.3737i	-0.1553-0.1569i	0.3120+0.0194i	-0.0942+0.0779i
41.5	-2.4014-1.0636i	-0.2549-0.2080i	0.7314-0.0178i	-2.6081-1.3057i	-0.1581-0.1603i	0.3487-0.0243i	-0.0682+0.0822i
41.6	-2.4192-1.0597i	-0.2419-0.1911i	0.7407+0.0335i	-2.5919-1.2984i	-0.1503-0.1387i	0.3489-0.0521i	0.0090+0.0771i
41.7	-2.3706-1.0293i	-0.2385-0.1879i	0.6939-0.0655i	-2.5574-1.2511i	-0.1507-0.1377i	0.3851+0.0152i	0.0067+0.0565i
41.8	-2.2918-1.0414i	-0.2529-0.1881i	0.7524-0.0880i	-2.5130-1.2528i	-0.1687-0.1304i	0.3295+0.0557i	-0.0578+0.0705i
41.9	-2.2655-1.0751i	-0.2630-0.1686i	0.6892-0.2270i	-2.4940-1.2392i	-0.1880-0.1028i	0.3517+0.1120i	-0.0987+0.1314i
42.0	-2.2713-1.0379i	-0.2352-0.1744i	0.5217-0.2842i	-2.4648-1.2086i	-0.1583-0.1085i	0.4739+0.1646i	-0.0501+0.1757i
42.1	-2.2793-1.0936i	-0.2407-0.1633i	0.4371-0.2073i	-2.4721-1.2367i	-0.1645-0.0967i	0.5060+0.1448i	-0.0515+0.2158i
42.2	-2.2381-1.0650i	-0.2451-0.1687i	0.6584-0.1643i	-2.4367-1.2174i	-0.1636-0.0995i	0.3330+0.1303i	-0.0507+0.1556i
42.3	-2.2831-1.0437i	-0.2283-0.1662i	0.4623-0.4101i	-2.4430-1.1834i	-0.1517-0.0846i	0.5396+0.3219i	-0.0581+0.2220i
42.4	-2.2967-1.0474i	-0.2322-0.1910i	0.3183-0.3546i	-2.4669-1.2280i	-0.1506-0.1093i	0.6578+0.2560i	-0.0417+0.2391i
42.5	-2.3101-1.0310i	-0.2389-0.1747i	0.2540-0.3968i	-2.4942-1.1692i	-0.1514-0.0845i	0.6970+0.3102i	-0.1209+0.2285i
42.6	-2.3297-0.9715i	-0.2360-0.2382i	0.0227-0.1426i	-2.4644-1.2149i	-0.1384-0.1513i	0.9172+0.0393i	-0.0232+0.3126i
42.7	-2.2697-0.9715i	-0.2901-0.2075i	0.1133-0.1222i	-2.5097-1.2287i	-0.1902-0.1199i	0.7859-0.0085i	0.0683+0.3759i
42.8	-2.2932-0.9401i	-0.3072-0.1897i	0.1060-0.0414i	-2.5787-1.1097i	-0.2102-0.0971i	0.7570-0.0655i	0.0465+0.1834i
42.9	-2.3231-0.9274i	-0.2954-0.1548i	0.1220-0.0304i	-2.5654-1.0520i	-0.1974-0.0709i	0.7337-0.0593i	0.0342+0.1911i
43.0	-2.3502-0.8611i	-0.2111-0.1794i	-0.1116-0.0127i	-2.4637-1.0328i	-0.0926-0.0990i	0.9716-0.0627i	0.0114+0.2911i
43.1	-2.3295-0.8221i	-0.2653-0.2712i	-0.0334+0.2230i	-2.5339-1.0900i	-0.1460-0.1956i	0.9225-0.3365i	0.0803+0.3456i
43.2	-2.3241-0.8702i	-0.3247-0.2669i	-0.1298+0.1511i	-2.5558-1.1282i	-0.2133-0.1919i	0.9564-0.3449i	0.1968+0.4025i
43.3	-2.3161-0.8828i	-0.3686-0.1904i	0.0832+0.2070i	-2.6096-1.0771i	-0.2672-0.1077i	0.6908-0.4057i	0.1445+0.2973i
43.4	-2.3745-0.9185i	-0.3376-0.0853i	0.1726+0.1304i	-2.6246-0.9578i	-0.2299+0.0054i	0.5597-0.2082i	0.0588+0.1536i

43.5	−2.3838−0.8122i	−0.3241−0.1459i	0.2537+0.3807i	−2.6230−0.9573i	−0.2150−0.0749i	0.5754−0.4300i	0.0809+0.0982i
43.6	−2.3107−0.7584i	−0.3934−0.1292i	0.5264+0.3631i	−2.6907−0.8989i	−0.2974−0.0657i	0.2548−0.4315i	0.0471−0.0223i
43.7	−2.3460−0.7184i	−0.3822−0.1420i	0.4511+0.4407i	−2.7060−0.8720i	−0.2777−0.0909i	0.2880−0.5079i	0.1412+0.0341i
43.8	−2.3938−0.7556i	−0.3490−0.1508i	0.2435+0.2714i	−2.7001−0.9366i	−0.2376−0.0965i	0.4727−0.3821i	0.1125+0.1164i
43.9	−2.4023−0.8301i	−0.3549−0.0874i	0.3250+0.1713i	−2.6968−0.9013i	−0.2436−0.0175i	0.3409−0.2874i	−0.0143+0.0567i
44.0	−2.4296−0.7736i	−0.3639−0.1042i	0.2828+0.3810i	−2.7528−0.8801i	−0.2459−0.0391i	0.2812−0.4576i	−0.0130+0.0778i
44.1	−2.5226−0.6687i	−0.3641−0.1338i	0.3932+0.5358i	−2.8109−0.8168i	−0.2411−0.0807i	0.2217−0.5003i	0.0925+0.1031i
44.2	−2.5379−0.6112i	−0.3364−0.1255i	0.1796+0.3744i	−2.8016−0.7746i	−0.2107−0.0689i	0.3598−0.3698i	0.0095+0.1624i
44.3	−2.4131−0.5655i	−0.4347−0.0765i	0.6746+0.5003i	−2.8627−0.6745i	−0.3374−0.0373i	−0.0731−0.3850i	0.1023+0.0898i
44.4	−2.3750−0.5927i	−0.4482−0.0626i	0.7719+0.2714i	−2.9021−0.6637i	−0.3523−0.0157i	−0.1494−0.2304i	0.1787+0.0063i
44.5	−2.4833−0.6306i	−0.4001−0.0017i	0.4043+0.1709i	−2.9257−0.5308i	−0.2826+0.0650i	0.0999+0.0243i	0.0588−0.1264i
44.6	−2.4497−0.5719i	−0.3842−0.0753i	0.3707+0.4616i	−2.8205−0.6073i	−0.2746−0.0285i	0.2481−0.2840i	0.1112+0.0312i
44.7	−2.5005−0.5507i	−0.3794−0.0759i	0.4759+0.5367i	−2.8417−0.6311i	−0.2789−0.0373i	0.1053−0.4185i	0.0351+0.0017i
44.8	−2.5775−0.5794i	−0.3693−0.0289i	0.4303+0.3295i	−2.9494−0.5277i	−0.2660+0.0214i	0.0483−0.1972i	0.1040−0.0137i
44.9	−2.6331−0.5400i	−0.3738−0.0346i	0.4704+0.5122i	−2.9176−0.4772i	−0.2726+0.0090i	0.0784−0.3409i	−0.1295−0.0138i
45.0	−2.5871−0.5955i	−0.4004+0.1099i	0.7815+0.0207i	−2.9277−0.3564i	−0.3045+0.1724i	−0.2589+0.1994i	−0.1703−0.2079i
45.1	−2.6551−0.3426i	−0.3589−0.0668i	0.3692+0.6294i	−2.8507−0.4178i	−0.2387−0.0449i	0.1884−0.2635i	−0.1437−0.0548i
45.2	−2.6967−0.3069i	−0.4526−0.0988i	0.6738+0.7949i	−3.0654−0.4687i	−0.3443−0.0731i	−0.1908−0.4370i	−0.0560+0.0232i
45.3	−2.6846−0.2307i	−0.4396−0.0002i	0.8585+0.6442i	−3.0577−0.2986i	−0.3365+0.0074i	−0.2971−0.1420i	−0.1061+0.0726i
45.4	−2.8400−0.3263i	−0.2573−0.0381i	0.3734+0.3168i	−2.9451−0.3851i	−0.1282−0.0065i	0.1592+0.0192i	−0.3633+0.3931i
45.5	−2.8711−0.3211i	−0.3183−0.0532i	0.3949+0.3599i	−3.0800−0.4478i	−0.1985−0.0303i	0.1137+0.0328i	−0.1789+0.5578i
45.6	−2.7684−0.2580i	−0.4131−0.0206i	0.6901+0.4509i	−3.2067−0.2858i	−0.3306+0.0235i	−0.1434−0.0479i	0.1771+0.1782i
45.7	−2.6956−0.2244i	−0.4299+0.0298i	0.9114+0.2813i	−3.1085−0.1594i	−0.3450+0.0696i	−0.2270+0.2072i	0.0208−0.0232i
45.8	−2.7244−0.2797i	−0.3649+0.0859i	0.7083+0.0407i	−3.0505−0.1063i	−0.2631+0.1372i	0.0048+0.3367i	−0.1620−0.0506i
45.9	−2.6758−0.1907i	−0.4120+0.0432i	0.8584+0.2021i	−3.1374−0.0977i	−0.3303+0.0895i	−0.1881+0.2054i	0.0237+0.0431i
46.0	−2.7940−0.2120i	−0.3642+0.0036i	0.6502+0.1424i	−3.1533−0.0381i	−0.2804+0.0497i	−0.0090+0.3158i	−0.0262+0.0872i
46.1	−2.9262−0.1220i	−0.3887+0.0353i	0.5373+0.1007i	−3.1173−0.0161i	−0.2828+0.0820i	0.1542+0.2825i	−0.1841+0.1679i
46.2	−2.9190−0.2114i	−0.3975+0.1251i	0.5890−0.0593i	−3.1750+0.0238i	−0.3053+0.1819i	0.0008+0.4021i	−0.1666+0.0286i
46.3	−2.9382−0.0495i	−0.4527+0.0728i	0.6524+0.1693i	−3.2940+0.0605i	−0.3653+0.1207i	−0.0560+0.3254i	0.0997+0.0395i
46.4	−2.8805+0.0442i	−0.4673+0.0589i	0.6644+0.3204i	−3.2516+0.1692i	−0.3890+0.1051i	0.0381+0.2716i	0.2907−0.0696i
46.5	−2.9956+0.2353i	−0.5563−0.0941i	0.5503+0.6294i	−3.3997+0.0847i	−0.4676−0.0763i	0.0658−0.0774i	0.5980+0.2142i
46.6	−3.0314+0.1763i	−0.4329+0.2184i	0.5674+0.2144i	−3.3246+0.3185i	−0.3432+0.2622i	0.0641+0.3399i	0.2739−0.4202i
46.7	−3.1447+0.2278i	−0.3059+0.0732i	0.3679+0.2654i	−3.2655+0.2324i	−0.2105+0.1105i	0.1947+0.3217i	−0.2409−0.1355i
46.8	−3.1978+0.3521i	−0.3397+0.0678i	0.2978+0.3901i	−3.3659+0.2840i	−0.2529+0.1006i	0.2200+0.3352i	−0.0828+0.0713i
46.9	−3.0522+0.6325i	−0.4236+0.0254i	0.3489+0.5553i	−3.3765+0.3814i	−0.3448+0.0324i	0.3539+0.2794i	0.2126+0.1393i
47.0	−3.1072+0.5398i	−0.3035+0.1526i	0.1103+0.4872i	−3.3196+0.4505i	−0.2247+0.1752i	0.6089+0.3437i	0.0397+0.0177i
47.1	−3.1394+0.7011i	−0.2297+0.0310i	0.1483+0.9343i	−3.4435+0.4125i	−0.1622+0.0496i	0.7100−0.1285i	0.1933+0.0982i
47.2	−3.1934+0.6866i	−0.2812−0.0647i	0.4031+0.8302i	−3.4924+0.4930i	−0.2079−0.0243i	0.3859−0.1902i	−0.0604−0.1340i
47.3	−3.0878+0.6555i	−0.3403−0.0501i	0.6593+0.6341i	−3.4701+0.4814i	−0.2750−0.0119i	0.1272+0.0722i	−0.3718−0.2159i
47.4	−3.1386+0.7423i	−0.3973−0.0494i	0.5872+0.7831i	−3.6061+0.5374i	−0.3349−0.0126i	0.1976−0.0404i	−0.2441+0.0007i
47.5	−3.1675+0.8020i	−0.4353−0.0241i	0.6493+0.7325i	−3.6596+0.6571i	−0.3770+0.0299i	0.0981−0.0064i	−0.2608+0.0036i
47.6	−3.1706+1.0086i	−0.4752−0.1348i	0.5750+1.1695i	−3.6771+0.6911i	−0.4150−0.0967i	0.1654−0.2372i	−0.1326+0.2371i
47.7	−2.9524+1.0835i	−0.6903−0.0456i	1.3128+0.9836i	−3.8059+0.8252i	−0.6624+0.0007i	−0.3903−0.0949i	0.2069+0.0723i
47.8	−2.9240+0.8477i	−0.6348+0.4032i	1.3701+0.0994i	−3.7429+1.2293i	−0.6076+0.5102i	−0.5068+0.6070i	−0.0209−0.8829i
47.9	−3.0444+1.0243i	−0.4832+0.2029i	0.7911+0.0651i	−3.6232+1.2135i	−0.4328+0.3072i	0.1073+0.8101i	−0.4829−0.4362i
48.0	−3.0313+1.0767i	−0.5578+0.2455i	0.6008+0.3923i	−3.7159+1.3169i	−0.5067+0.3528i	0.3124+0.4603i	−0.1392−0.3689i
48.1	−3.0814+1.2825i	−0.5241+0.2955i	0.5662+0.8533i	−3.6790+1.3895i	−0.4564+0.3967i	0.2954+0.0920i	−0.1342−0.4514i
48.2	−3.0174+1.4504i	−0.3892+0.2218i	0.9400+1.3442i	−3.6077+1.3607i	−0.3052+0.2915i	0.0533−0.2234i	−0.3002−0.4234i
48.3	−2.9781+1.3050i	−0.4003+0.1883i	1.1431+0.5705i	−3.6842+1.4437i	−0.3289+0.2804i	−0.1059+0.3755i	−0.5189−0.2441i
48.4	−3.1111+1.4183i	−0.3009+0.1444i	0.7261+0.5349i	−3.6057+1.6226i	−0.2178+0.2444i	0.2327+0.4869i	−0.6430−0.3404i
48.5	−2.9933+1.6435i	−0.4115+0.0446i	0.5100+1.0994i	−3.5251+1.6163i	−0.3231+0.1179i	0.5108+0.0262i	−0.5773−0.1194i
48.6	−3.1821+1.6099i	−0.3004+0.0622i	0.3502+1.1584i	−3.4773+1.4988i	−0.1896+0.1472i	0.7168+0.0734i	−1.0860+0.4483i
48.7	−2.8171+1.5983i	−0.3891+0.1068i	1.2176+1.1415i	−3.4590+1.5385i	−0.3217+0.1743i	0.2114−0.0772i	−0.9212+0.2462i
48.8	−2.6784+1.7318i	−0.5655+0.0587i	1.5109+1.2215i	−3.6080+1.7236i	−0.5041+0.1333i	−0.1516−0.2769i	−0.4569+0.0627i
48.9	−2.6613+1.5002i	−0.6441+0.2097i	1.8623+0.7253i	−3.5338+1.8054i	−0.5826+0.3220i	−0.4185+0.1605i	−0.9182−0.1455i
49.0	−2.6459+1.4685i	−0.6892+0.3928i	1.9918+0.3617i	−3.6038+1.9347i	−0.6227+0.5266i	−0.6036+0.3059i	−0.9049−0.3500i
49.1	−2.7021+1.7394i	−0.6544+0.3069i	1.7038+0.7160i	−3.6363+1.9882i	−0.5835+0.4183i	−0.3852+0.0727i	−0.6554−0.0020i
49.2	−2.5340+1.8794i	−0.7420+0.3429i	2.4229+0.9852i	−3.7256+2.1026i	−0.6908+0.4340i	−0.9934−0.1179i	−0.5792−0.1750i
49.3	−2.6248+1.8826i	−0.6270+0.4072i	2.1392+0.3669i	−3.7695+2.3040i	−0.5626+0.5367i	−0.6613+0.4042i	−0.4332+0.0879i
49.4	−3.0119+1.7234i	−0.4423+0.4604i	1.4233+0.0613i	−3.6624+2.3060i	−0.3329+0.5996i	−0.1362+0.6583i	−1.3019+0.2469i
49.5	−2.9803+1.7199i	−0.5393+0.4424i	1.7945+0.1242i	−3.8424+2.2584i	−0.4530+0.5829i	−0.4224+0.5435i	−1.1594+0.4631i
49.6	−2.7571+1.8444i	−0.6411+0.5667i	2.1857−0.0671i	−3.9204+2.6118i	−0.5842+0.7400i	−0.8870+0.6278i	−0.5744+0.1741i
49.7	−2.8422+1.7732i	−0.4983+0.6934i	1.7317−0.5422i	−3.7333+2.8639i	−0.3914+0.9065i	−0.6637+1.0576i	−0.7960−0.1549i

49.8	-2.8927+2.0449i	-0.4559+0.6128i	1.5447-0.2393i	-3.6752+2.9489i	-0.3281+0.8081i	-0.6307+0.8716i	-0.7986+0.0124i
49.9	-3.0086+2.3919i	-0.3903+0.4308i	1.2581+0.3764i	-3.7063+2.9847i	-0.2352+0.5851i	-0.3021+0.4841i	-0.7223+0.2177i
50.0	-3.2546+2.4155i	-0.2253+0.3956i	1.3228+0.3360i	-3.8085+2.9122i	-0.0714+0.5261i	-0.3741+0.5316i	-1.3606+0.6694i
50.1	-3.2204+2.2736i	-0.3659+0.6124i	1.5618-0.5637i	-3.8606+3.2479i	-0.2127+0.8019i	-0.6836+1.3258i	-1.5273+0.7457i
50.2	-2.9163+2.7824i	-0.5015+0.5769i	1.8027-0.0932i	-3.9088+3.6074i	-0.3524+0.7539i	-0.9614+1.0256i	-0.5798+0.6736i
50.3	-3.1488+2.7810i	-0.2222+0.6187i	0.9711-0.2834i	-3.5847+3.8261i	-0.0204+0.8126i	-0.3400+1.3046i	-0.9335+0.5879i
50.4	-3.1282+3.0967i	-0.2226+0.4812i	1.2462+0.1320i	-3.5602+3.8556i	-0.0203+0.6389i	-0.6261+1.1563i	-1.2036+0.8420i
50.5	-2.6699+3.1892i	-0.4523+0.6243i	1.8237-0.1189i	-3.4247+4.1318i	-0.2519+0.7903i	-1.0795+1.6314i	-0.8383+0.4738i
50.6	-2.8501+3.1925i	-0.2413+0.6704i	1.2771-0.5616i	-3.3619+4.2594i	-0.0163+0.8074i	-0.3034+2.2014i	-1.2058+0.6328i
50.7	-2.8902+3.4020i	-0.1841+0.6319i	0.8258-0.2501i	-3.2091+4.3561i	0.0525+0.7756i	0.0548+1.8762i	-1.1688+0.7428i
50.8	-2.7382+3.6021i	-0.1339+0.5060i	0.6757+0.3563i	-3.0092+4.3755i	0.1122+0.6320i	0.1784+1.6242i	-1.2204+0.8782i
50.9	-2.3610+3.5802i	-0.3217+0.5630i	1.9758+0.5354i	-2.9731+4.3678i	-0.0938+0.6856i	-0.5188+1.3975i	-1.2707+0.5060i
51.0	-2.4618+3.9651i	-0.2080+0.4642i	1.6787+0.4017i	-3.0710+4.5510i	0.0289+0.5550i	-0.4358+1.4636i	-1.3533+1.1917i
51.1	-2.2549+3.9273i	-0.3303+0.6113i	1.9378-0.5455i	-3.1213+4.9075i	-0.1130+0.7326i	-0.6261+2.3604i	-1.1381+1.5324i
51.2	-2.1048+4.0333i	-0.1812+0.6937i	1.5346-0.6253i	-2.6992+5.1641i	0.0669+0.8011i	-0.1819+2.5729i	-1.2557+1.3034i
51.3	-1.8554+4.5765i	-0.2555+0.4857i	1.4078-0.1524i	-2.6054+5.4793i	-0.0073+0.5779i	-0.0083+2.3786i	-0.5729+1.9431i
51.4	-1.8291+4.7667i	-0.1542+0.4621i	1.0221+0.3347i	-2.2758+5.5701i	0.1124+0.5354i	0.6110+2.0943i	-0.5504+1.8949i
51.5	-1.1397+4.9054i	-0.3862+0.4092i	1.9411+0.4622i	-2.1899+5.5798i	-0.1484+0.4750i	-0.1408+1.9490i	0.0308+1.8141i
51.6	-0.8499+4.9818i	-0.3755+0.3389i	1.9090+0.3792i	-2.0076+5.7751i	-0.1467+0.3708i	0.0952+2.0531i	0.2147+1.8028i
51.7	-0.5485+5.0173i	-0.5047+0.3564i	1.7073+0.5780i	-1.7847+5.9289i	-0.2696+0.3686i	0.4165+1.9929i	0.6645+1.6491i
51.8	-0.3859+5.0061i	-0.5961+0.2913i	2.2216+1.0085i	-1.6587+5.8379i	-0.3733+0.2907i	0.2896+1.5042i	0.3046+1.5506i
51.9	-0.4936+4.4874i	-0.4559+0.8272i	1.8689-0.9520i	-1.5131+6.3821i	-0.2137+0.9202i	0.5968+2.9858i	-0.3402+1.2929i
52.0	0.1326+4.7908i	-0.6993+0.6235i	2.6177+0.1166i	-1.2366+6.3770i	-0.4951+0.6409i	0.0371+2.0947i	0.1329+1.4222i
52.1	0.5333+4.6880i	-0.7809+0.7863i	2.7488-0.2915i	-0.9439+6.4841i	-0.5933+0.8335i	-0.1124+2.5287i	0.8451+1.4402i
52.2	0.7856+4.2876i	-0.9020+0.9890i	3.1594-0.5560i	-0.8419+6.5009i	-0.7251+1.0530i	-0.2675+2.7676i	0.7659+0.8279i
52.3	0.5601+3.9317i	-0.6008+1.4267i	2.3688-1.9351i	-0.5669+6.8702i	-0.3938+1.5311i	0.3324+4.0231i	0.1380+0.3975i
52.4	1.1120+4.0064i	-0.6645+1.3655i	2.4001-1.2934i	-0.0216+6.8666i	-0.4770+1.4515i	0.5365+3.4971i	0.9328+0.7028i
52.5	1.2866+4.2622i	-0.4329+1.1571i	2.4228-0.2661i	0.4896+6.7165i	-0.2347+1.1909i	0.6205+2.6035i	1.0909+0.6037i
52.6	1.1706+4.3999i	-0.1928+0.9015i	1.7290-0.0403i	0.8939+6.4735i	0.0374+0.9020i	1.3886+2.4545i	0.6572+1.3149i
52.7	1.1886+3.9690i	-0.2310+1.1870i	1.5542-0.6290i	0.8406+6.6828i	-0.0207+1.2249i	1.6100+2.9709i	0.2275+1.0165i
52.8	0.8451+3.7616i	0.1796+1.4056i	0.6466-1.2285i	1.3266+6.8579i	0.4422+1.4730i	2.4759+3.3946i	-0.3068+1.2618i
52.9	1.0784+3.9911i	0.3339+1.1543i	0.5465+0.0011i	1.9130+6.5668i	0.6175+1.1827i	2.7487+2.4476i	-0.1337+1.4289i
53.0	1.5543+3.8049i	0.1449+1.1428i	1.6235+0.2360i	2.0336+6.3913i	0.3667+1.1638i	2.0451+2.2758i	0.2240+1.1227i
53.1	2.4329+4.2538i	-0.3494+0.5804i	3.2685+1.4774i	2.0105+5.8195i	-0.2081+0.5164i	0.9260+0.9916i	1.7386+2.1015i
53.2	2.5632+3.0972i	-0.4610+1.5909i	3.5602-1.2417i	1.9873+6.4490i	-0.3328+1.6856i	0.5994+3.2925i	1.7740+0.6718i
53.3	2.1809+2.6114i	0.0558+1.7477i	2.6390-1.6025i	2.6497+6.2376i	0.2437+1.8639i	1.5093+3.5583i	1.0411-0.0234i
53.4	2.6570+1.9226i	-0.2582+2.1986i	3.7264-3.1216i	2.6275+6.2502i	-0.1076+2.4217i	0.7778+4.7227i	1.5593-0.7629i
53.5	2.1671+1.8307i	0.4743+2.2183i	1.6072-2.8381i	3.3425+6.2506i	0.7391+2.4044i	2.8313+4.5117i	0.7574-0.9601i
53.6	2.0241+2.1458i	0.7805+1.7910i	1.6618-1.7993i	3.7463+5.8300i	1.0573+1.9267i	2.8605+3.4878i	0.4171+0.0347i
53.7	2.1016+1.9499i	0.6962+1.7840i	2.0136-2.0809i	3.6817+5.6291i	0.9623+1.9401i	2.5790+3.8204i	0.7271-0.0705i
53.8	1.6516+1.2633i	1.2154+2.2837i	1.0983-3.5097i	4.1973+5.8947i	1.5667+2.5070i	3.6904+4.9710i	0.0576-0.8564i
53.9	1.3505+1.0910i	1.7229+2.1907i	0.2569-3.5609i	4.7851+5.5452i	2.1828+2.3919i	4.7621+4.6757i	-0.1675-1.0582i
54.0	1.5971+1.1171i	1.5336+1.8360i	0.8371-3.0639i	4.6995+4.9391i	1.9605+1.9741i	4.2603+3.9935i	0.7026-1.2591i
54.1	1.3448+1.7733i	1.7627+1.0093i	0.1839-1.7938i	4.9147+4.2633i	2.2129+1.0133i	4.8948+2.8611i	0.1582-0.7286i
54.2	1.8865+1.9859i	1.1669+0.8229i	1.2236-1.0475i	4.6089+4.0768i	1.5084+0.7927i	4.1436+1.8491i	0.4509-0.0941i
54.3	1.7148+1.0907i	1.4047+1.3621i	0.7983-2.6922i	4.9181+4.1500i	1.7761+1.4059i	4.3582+3.2528i	0.1902-1.2915i
54.4	1.1921+0.9345i	1.7829+1.3729i	0.0043-2.6685i	5.0781+3.9384i	2.1626+1.4024i	4.9752+3.1444i	-0.6656-1.5699i
54.5	0.7891+1.0375i	2.2099+1.1327i	-0.6756-2.2926i	5.5706+3.6263i	2.6158+1.1321i	5.7855+2.7052i	-1.5094-1.4344i
54.6	0.4273+0.6477i	2.5585+1.3709i	-1.0879-2.7537i	5.9771+3.6639i	3.0133+1.3903i	6.4227+3.0345i	-2.4376-2.3287i
54.7	1.0977+1.1011i	1.8504+0.7962i	0.6475-1.9037i	5.5959+2.9994i	2.2234+0.7471i	4.9537+2.0890i	-1.8269-1.4808i
54.8	1.7748+0.6294i	1.2307+1.1451i	1.6429-3.4575i	5.0206+2.8069i	1.5033+1.1672i	4.1503+2.9910i	-0.7233-1.3569i
54.9	1.0178+0.4022i	2.1205+1.2678i	-0.9482-3.4659i	5.6949+2.8811i	2.5202+1.3092i	6.1726+2.9856i	-1.1916-1.7103i
55.0	0.8488+0.6303i	2.3046+0.7880i	-1.1990-2.5176i	5.9213+2.2909i	2.7094+0.7778i	6.4899+1.9653i	-1.6899-1.4955i
55.1	0.4907+0.5599i	2.5469+0.6794i	-1.5987-2.2868i	6.0784+1.9774i	2.9573+0.6433i	6.7996+1.6087i	-2.4286-1.6493i
55.2	0.0327+0.9631i	3.0294+0.2555i	-2.2487-1.7351i	6.4514+1.5871i	3.4980+0.1750i	7.6078+0.8937i	-3.5386-0.9619i
55.3	-0.0155+0.7726i	3.0320+0.2112i	-2.2428-1.7184i	6.3749+1.2064i	3.5111+0.1253i	7.4739+0.7062i	-3.7046-1.2141i
55.4	0.0409+1.1705i	3.0261-0.3664i	-2.1812-0.9606i	6.5360+0.6191i	3.4924-0.5143i	7.5472-0.2541i	-4.0570-0.3531i
55.5	0.7073+1.4960i	2.3683-0.7805i	-0.9148-0.5015i	5.9760+0.2232i	2.7499-0.9643i	6.4305-0.8956i	-3.2574+0.7698i
55.6	0.4131+0.7095i	2.4350-0.2333i	-1.9424-1.8454i	5.9418+0.3483i	2.8351-0.3209i	6.9092+0.1239i	-2.9000-0.0006i
55.7	0.2255+1.2055i	2.6257-0.8054i	-2.1000-0.3568i	6.1308-0.3443i	3.0556-0.9686i	7.1766-1.2664i	-3.3527+0.4413i
55.8	-0.0315+1.4109i	2.7346-1.1894i	-2.1637+0.1107i	5.9521-0.9110i	3.1677-1.3940i	7.1459-1.8958i	-4.0062+0.9565i
55.9	-0.0307+1.6001i	2.7092-1.5392i	-1.9950+0.4556i	5.9019-1.4518i	3.1365-1.8090i	7.0264-2.5131i	-4.3038+1.4400i
56.0	0.3157+1.6307i	2.2278-1.7493i	-1.0780+0.4608i	5.2535-1.7566i	2.5988-2.0345i	6.0244-2.7172i	-3.8714+1.9119i

56.1	-0.0632+0.9020i	2.2833-1.1440i	-2.4018-1.1752i	5.2102-1.3477i	2.6570-1.3247i	6.7509-1.3411i	-3.6633+1.2672i
56.2	-0.2831+1.9512i	2.4139-2.0513i	-2.4742+1.3699i	5.2267-2.2254i	2.8125-2.3443i	6.8398-3.5476i	-4.1438+2.3405i
56.3	-0.1323+2.1484i	2.1151-2.3742i	-1.9782+1.7019i	4.6996-2.6805i	2.4627-2.7250i	6.1231-4.0173i	-4.0349+3.0004i
56.4	0.0680+2.4139i	1.7610-2.7033i	-1.5604+2.1445i	4.3064-3.0186i	2.0735-3.0748i	5.4920-4.5354i	-3.8155+3.7200i
56.5	0.0594+2.4135i	1.6527-2.6371i	-1.3231+1.9997i	4.0251-2.7562i	1.9559-2.9973i	5.3109-4.3289i	-3.7980+3.6728i
56.6	0.2184+2.4815i	1.3911-2.7379i	-1.0231+2.0694i	3.6245-2.9880i	1.6729-3.1051i	4.8925-4.4660i	-3.5389+4.0122i
56.7	0.5054+2.6929i	0.9805-2.9191i	-0.6027+2.3518i	3.1261-3.1333i	1.1970-3.3085i	4.1859-4.7327i	-3.0172+4.6006i
56.8	0.6221+2.6958i	0.6966-2.9192i	-0.3353+2.3709i	2.6846-3.1764i	0.8772-3.3041i	3.6330-4.6567i	-2.7215+4.7999i
56.9	0.9273+2.6085i	0.3312-2.8012i	0.1270+2.2186i	2.2628-3.0004i	0.4559-3.1707i	3.0346-4.4492i	-2.0721+4.8649i
57.0	0.9858+2.5517i	0.2444-2.7145i	0.2917+1.9669i	2.0918-3.0097i	0.3596-3.0715i	3.0074-4.2066i	-2.0252+4.8121i
57.1	1.0987+2.4307i	-0.0193-2.5915i	0.3822+1.6666i	1.8936-2.9657i	0.0736-2.9147i	2.7052-3.9203i	-1.6526+4.8833i
57.2	1.3256+1.9836i	-0.2934-2.0798i	0.3420+0.5176i	1.5896-2.3423i	-0.2301-2.3266i	2.4885-2.8213i	-0.8895+4.5782i
57.3	0.4689+2.6357i	0.4321-2.4891i	-1.6078+2.7566i	2.1088-2.6373i	0.6261-2.7803i	4.0488-4.0344i	-1.5760+4.6473i
57.4	1.1659+3.1630i	-0.2433-3.0093i	0.1485+3.4257i	1.4396-3.0651i	-0.1533-3.3891i	2.5679-4.7560i	-1.3275+5.6138i
57.5	1.4273+2.8913i	-0.4931-2.7685i	0.5973+2.9922i	1.2389-2.8114i	-0.4362-3.0928i	2.2609-4.2854i	-1.0111+5.3333i
57.6	1.7572+2.7362i	-0.8166-2.5636i	1.0566+2.7878i	0.9632-2.6220i	-0.7978-2.8590i	1.8755-4.0526i	-0.4571+5.3353i
57.7	1.9263+2.5760i	-0.9910-2.3782i	1.2989+2.6299i	0.7368-2.4275i	-0.9711-2.6499i	1.6725-3.7584i	-0.1154+5.2406i
57.8	2.0512+2.5847i	-1.1576-2.3839i	1.4591+2.6464i	0.4799-2.4438i	-1.1674-2.6464i	1.4816-3.7605i	0.0613+5.4383i
57.9	2.2089+2.3687i	-1.3050-2.1280i	1.7201+2.4149i	0.2758-2.2252i	-1.3362-2.3481i	1.3033-3.4323i	0.4787+5.1854i
58.0	2.3312+2.2352i	-1.4565-1.9958i	1.8810+2.3874i	0.2279-2.1714i	-1.4781-2.2140i	1.2051-3.2585i	0.6506+5.1230i
58.1	2.4446+2.1190i	-1.4964-1.7990i	2.0562+2.2883i	0.2902-1.8552i	-1.5390-1.9825i	1.2154-3.0304i	0.8862+5.0288i
58.2	2.3838+2.0797i	-1.4924-1.7556i	2.0613+2.2341i	0.2292-1.8088i	-1.5176-1.9322i	1.3383-2.8976i	0.7787+4.9779i
58.3	2.5256+1.9505i	-1.6577-1.5872i	2.2511+2.1558i	0.0954-1.6337i	-1.6921-1.7466i	1.1744-2.7766i	1.1213+5.0870i
58.4	2.5227+1.6170i	-1.5624-1.2047i	2.3491+1.8293i	0.1405-1.2945i	-1.5821-1.2803i	1.3093-2.3205i	1.4912+4.6930i
58.5	2.3232+1.8783i	-1.3363-1.5050i	2.0286+2.1662i	0.2984-1.3429i	-1.3059-1.6288i	1.7461-2.6540i	1.3060+4.6354i
58.6	2.7263+1.8748i	-1.7308-1.5040i	2.6893+2.2709i	-0.2632-1.4156i	-1.7413-1.6298i	1.1562-2.8194i	1.6310+4.9948i
58.7	2.9302+1.7248i	-1.9123-1.4075i	2.9242+2.1573i	-0.2662-1.7216i	-1.9281-1.5269i	1.0639-2.6892i	2.1667+4.8126i
58.8	3.0532+1.6326i	-2.0519-1.2938i	3.1283+2.0731i	-0.0654-1.5512i	-2.0778-1.3988i	0.9776-2.6859i	2.1871+5.2414i
58.9	3.0866+1.5832i	-2.1204-1.2417i	3.2267+1.9627i	-0.3524-1.2464i	-2.1523-1.3340i	0.9540-2.7285i	2.3256+5.2546i
59.0	3.1273+1.3029i	-2.1792-0.9721i	3.4586+1.7101i	-0.4909-1.2172i	-2.1912-1.0384i	0.9663-2.4175i	2.7720+4.9294i
59.1	3.1621+1.1395i	-2.1898-0.8253i	3.5396+1.5426i	-0.2622-1.0066i	-2.2090-0.8801i	0.9487-2.1643i	3.0673+4.5666i
59.2	3.1813+1.0764i	-2.2453-0.7466i	3.6090+1.4580i	-0.4660-0.8360i	-2.2590-0.7818i	1.0299-2.1142i	3.0884+4.4087i
59.3	3.1682+1.0124i	-2.2965-0.6924i	3.6426+1.4042i	-0.4226-1.1370i	-2.3026-0.7274i	1.1467-2.1201i	3.0012+4.3355i
59.4	3.1242+0.9542i	-2.2404-0.6090i	3.6753+1.2814i	0.1630-0.9732i	-2.2411-0.6277i	1.2969-2.0560i	2.9631+4.1361i
59.5	3.1775+0.7765i	-2.3087-0.4437i	3.7792+1.1093i	0.0814-0.3175i	-2.2934-0.4494i	1.2736-1.9980i	3.1568+3.8952i
59.6	3.1914+0.6098i	-2.3241-0.2531i	3.8521+0.9191i	-0.1705-0.2266i	-2.3113-0.2481i	1.3461-1.8810i	3.2130+3.6405i
59.7	3.2503+0.5511i	-2.3791-0.1543i	3.9563+0.8733i	-0.2296+0.1544i	-2.3714-0.1313i	1.4073-1.8799i	3.2653+3.5953i
59.8	3.4384+0.4201i	-2.5694+0.0188i	4.1311+0.8329i	-0.9101-0.0793i	-2.5803+0.0579i	1.1948-1.8872i	3.6630+3.7450i
59.9	3.4654+0.2866i	-2.5712+0.1600i	4.2133+0.7245i	0.3770+0.1456i	-2.5736+0.2128i	1.3261-1.8693i	3.6746+3.6625i
60.0	3.4386+0.0629i	-2.5618+0.3745i	4.2172+0.4609i	-36.8924+38.2482i	-2.5347+0.4237i	1.3104-1.9418i	6.6687+3.3558i
60.1	3.3750+0.0643i	-2.5223+0.4504i	4.2776+0.4785i	-1.1773-0.8858i	-2.4958+0.5087i	1.5751-1.9593i	3.4683+3.4797i
60.2	3.4314-0.1568i	-2.5344+0.7009i	4.3976+0.3541i	-0.8228-1.1007i	-2.4993+0.7908i	1.4767-1.8766i	3.7562+3.3580i
60.3	3.5272-0.3929i	-2.6029+0.9512i	4.4833+0.2250i	-0.1800-0.6983i	-2.5754+1.0554i	1.2473-1.9529i	4.0461+3.3539i
60.4	3.4157-0.4688i	-2.4587+1.0697i	4.5188+0.1630i	-0.1923-0.4948i	-2.4261+1.2100i	1.4737-1.9548i	3.9067+3.2648i
60.5	3.4159-0.6183i	-2.4105+1.2670i	4.6461+0.0686i	0.1648-0.4029i	-2.3583+1.4178i	1.5366-1.9073i	4.0233+3.1282i
60.6	3.3560-0.7096i	-2.2973+1.4227i	4.6933-0.0124i	0.4941+0.4028i	-2.2303+1.5831i	1.5553-1.9834i	3.9685+3.0487i
60.7	3.5287-0.8504i	-2.3515+1.6582i	4.9256-0.0258i	-0.1971+0.6038i	-2.2601+1.8663i	1.5831-2.1005i	4.1803+3.2674i
60.8	3.3419-1.1670i	-2.0461+1.9583i	5.0285-0.3522i	-0.4053+0.6780i	-1.8992+2.1858i	1.5627-1.8253i	4.4243+2.7695i
60.9	3.0834-1.3500i	-1.7343+2.0623i	4.9910-0.5905i	-0.2718+0.5562i	-1.5267+2.2810i	1.7373-1.7993i	4.1757+2.4473i
61.0	3.0308-1.4615i	-1.5382+2.1394i	5.1762-0.6873i	-0.2283+0.5475i	-1.3039+2.3678i	1.8120-1.8720i	4.2875+2.6185i
61.1	2.9953-1.5771i	-1.3883+2.1822i	5.2998-0.8882i	-0.2392+0.4293i	-1.1319+2.3900i	1.6559-2.0620i	4.4984+2.8145i
61.2	2.9485-1.6300i	-1.2594+2.2774i	5.4687-0.9780i	-0.0682+0.6296i	-0.9810+2.4948i	1.9016-2.1257i	4.3980+2.8382i
61.3	2.6797-1.8222i	-0.9499+2.3484i	5.4506-1.3442i	-0.0149+0.5669i	-0.6011+2.5368i	1.9901-2.0096i	4.4650+2.3633i
61.4	2.5951-1.8793i	-0.8023+2.3207i	5.5310-1.5542i	0.1025+0.6882i	-0.4264+2.4963i	1.9781-2.1599i	4.5363+2.4702i
61.5	2.4613-1.9148i	-0.6141+2.3159i	5.6206-1.7258i	0.0827+0.3635i	-0.2110+2.4732i	2.1035-2.3416i	4.4521+2.6298i
61.6	2.2095-2.0062i	-0.3565+2.2564i	5.5918-2.0185i	0.6110+0.5545i	0.0732+2.3881i	2.1310-2.2799i	4.5552+2.3895i
61.7	2.1500-2.1310i	-0.2089+2.2027i	5.6229-2.4314i	0.3550+0.8918i	0.2369+2.2905i	1.9753-2.5032i	4.9225+2.4523i
61.8	2.0849-2.1892i	-0.1161+2.1288i	5.4859-2.7232i	0.1497+0.6647i	0.3276+2.2022i	1.7489-2.6069i	5.2528+2.5325i
61.9	1.7989-2.2538i	0.1571+2.0673i	5.4370-3.0044i	0.4979+0.7944i	0.6376+2.1131i	1.9240-2.3377i	5.3955+1.9984i
62.0	1.6530-2.1918i	0.3191+1.9022i	5.4143-3.3497i	0.4743+0.6382i	0.8263+1.8977i	2.0138-2.6448i	5.4372+2.0478i
62.1	1.5959-2.1669i	0.3133+1.7418i	5.2968-3.6652i	0.5321+0.5469i	0.8152+1.6977i	1.8961-2.7440i	5.7149+1.9578i
62.2	1.3865-2.1887i	0.4069+1.6216i	4.9433-3.9708i	0.5649+0.6163i	0.8953+1.5360i	1.7983-2.7177i	5.8318+1.5299i
62.3	1.2554-2.2353i	0.4784+1.4986i	4.6954-4.2796i	0.6701+0.5428i	0.9778+1.4023i	1.7136-2.7482i	6.0305+1.1980i

62.4	1.2630-2.3252i	0.4959+1.4558i	4.6304-4.4760i	0.7423+0.6806i	0.9779+1.3389i	1.6297-2.8778i	6.3214+1.2860i
62.5	1.2050-2.2482i	0.4301+1.2607i	4.3340-4.6188i	0.6201+0.6158i	0.8915+1.1149i	1.5380-3.0790i	6.3527+1.3321i
62.6	1.0393-2.2845i	0.3951+1.1938i	3.9736-4.7971i	0.5577+0.6546i	0.8102+1.0256i	1.3804-3.0001i	6.5609+0.7895i
62.7	0.9719-2.3048i	0.3445+1.2254i	3.8902-4.8936i	0.6987+0.6470i	0.7822+1.0520i	1.4058-3.0365i	6.6985+0.5513i
62.8	0.8930-2.2944i	0.3649+1.1967i	3.7111-4.9786i	0.7192+0.7628i	0.7797+1.0298i	1.4322-3.1275i	6.7250+0.4182i
62.9	0.7243-2.2288i	0.4026+1.1457i	3.4591-5.1001i	0.7350+0.6729i	0.8127+0.9422i	1.4369-3.2347i	6.6192+0.0884i
63.0	0.5162-2.2184i	0.4754+1.1059i	3.2628-5.2211i	0.8865+0.6696i	0.8905+0.8910i	1.4426-3.2937i	6.6339-0.2673i
63.1	0.4986-2.2729i	0.4230+1.0911i	3.0872-5.1918i	0.8531+0.6913i	0.8278+0.8985i	1.2816-3.2952i	6.8175-0.4190i
63.2	0.4048-2.2578i	0.4206+1.0384i	2.7685-5.2784i	0.8253+0.7601i	0.8126+0.8405i	1.0052-3.2959i	6.9251-0.7005i
63.3	0.2272-2.2005i	0.3954+1.0067i	2.5545-5.2621i	0.9349+0.6819i	0.7871+0.8002i	0.9871-3.1316i	6.9408-1.1479i
63.4	0.2050-2.1146i	0.3375+1.0013i	2.3489-5.2081i	0.9712+0.6319i	0.7213+0.7973i	0.8842-3.2337i	6.8339-1.2584i
63.5	0.1644-2.1573i	0.3695+1.0237i	2.2414-5.3482i	1.0873+0.6089i	0.7443+0.8185i	0.7442-3.3758i	7.0257-1.4875i
63.6	0.0624-2.0991i	0.3270+1.0069i	2.1286-5.2724i	1.1828+0.7866i	0.6944+0.7930i	0.7188-3.3018i	6.9554-1.7924i
63.7	-0.1006-2.0112i	0.3834+0.9975i	1.8158-5.3014i	1.2197+0.7417i	0.7659+0.7789i	0.5725-3.2500i	6.7673-2.2414i
63.8	-0.2146-1.9656i	0.4402+1.0090i	1.6576-5.1945i	1.3289+0.6862i	0.8201+0.8012i	0.5285-3.1213i	6.5023-2.5156i
63.9	-0.2965-1.8562i	0.5010+0.9521i	1.5014-5.1292i	1.4114+0.5345i	0.8699+0.7328i	0.5339-3.1804i	6.1594-2.5830i
64.0	-0.3454-1.8580i	0.4038+0.9810i	1.2491-5.1917i	1.5645+0.6116i	0.7977+0.7513i	0.2422-3.1369i	6.3512-2.9086i
64.1	-0.4167-1.7340i	0.4390+1.0100i	1.1263-5.1216i	1.4971+0.5955i	0.8106+0.7702i	0.2703-3.0629i	6.1242-3.1554i
64.2	-0.5089-1.6061i	0.5694+1.0083i	1.0712-5.1087i	1.5326+0.3837i	0.9680+0.7385i	0.3825-3.1467i	5.7374-3.2716i
64.3	-0.5092-1.5986i	0.4771+1.0201i	0.9117-5.0043i	1.7566+0.3040i	0.8864+0.7557i	0.2275-2.9368i	5.8374-3.5424i
64.4	-0.5134-1.5496i	0.4246+1.1327i	0.7929-4.9203i	1.7479+0.3742i	0.8149+0.8699i	0.1410-2.7054i	5.8594-3.8647i
64.5	-0.5598-1.4060i	0.4921+1.0930i	0.8226-4.8876i	1.7482+0.2258i	0.9006+0.8000i	0.2878-2.7403i	5.4398-3.8462i
64.6	-0.6464-1.3214i	0.6287+1.0597i	0.7186-4.8575i	1.9312+0.1379i	1.0419+0.7491i	0.4225-2.7164i	5.1012-4.1305i
64.7	-0.6793-1.2911i	0.6548+1.1031i	0.5333-4.7586i	1.9253+0.0997i	1.0765+0.7840i	0.3151-2.5001i	5.0636-4.3844i
64.8	-0.6615-1.2229i	0.5892+1.0456i	0.3488-4.7238i	1.9000+0.0351i	1.0031+0.7358i	0.1276-2.4461i	5.0791-4.3924i
64.9	-0.6426-1.1009i	0.6650+1.0084i	0.2457-4.7730i	1.9197-0.1071i	1.0533+0.6548i	0.1452-2.6171i	4.8614-4.3519i
65.0	-0.6574-1.0149i	0.7177+1.0172i	0.1884-4.7934i	1.9689-0.1916i	1.1180+0.6248i	0.2815-2.6562i	4.6299-4.5879i
65.1	-0.6990-1.0167i	0.7184+1.0329i	0.0029-4.5912i	1.9784-0.2419i	1.1139+0.6675i	0.2236-2.3403i	4.5242-4.9219i
65.2	-0.6986-0.9476i	0.7323+1.0352i	-0.1088-4.5202i	1.9725-0.2770i	1.1097+0.6594i	0.1865-2.3237i	4.4629-4.9038i
65.3	-0.7141-0.7956i	0.8279+0.9384i	-0.1397-4.4613i	1.9920-0.5292i	1.2130+0.5311i	0.3898-2.4089i	4.0492-4.9999i
65.4	-0.7671-0.7384i	0.9317+0.9281i	-0.1411-4.3950i	2.0820-0.6242i	1.3202+0.5010i	0.5888-2.4098i	3.7541-5.1421i
65.5	-0.7257-0.6278i	0.9631+0.9257i	-0.2332-4.4307i	1.8743-0.7828i	1.3228+0.4714i	0.5622-2.5786i	3.5417-5.1019i
65.6	-0.6583-0.5331i	1.0369+0.8735i	-0.3508-4.3423i	1.8731-0.9030i	1.3827+0.3871i	0.5430-2.6154i	3.3415-5.1185i
65.7	-0.6318-0.3862i	1.0196+0.8521i	-0.3928-4.3074i	1.7866-1.0706i	1.3633+0.3295i	0.6675-2.7416i	3.0835-5.2317i
65.8	-0.5588-0.3341i	0.9811+0.8475i	-0.5178-4.1987i	1.6707-1.1457i	1.3008+0.3125i	0.5608-2.7321i	2.9067-5.2527i
65.9	-0.4535-0.3222i	1.0696+0.7976i	-0.6288-4.0369i	1.6071-1.1967i	1.3719+0.2739i	0.4957-2.6473i	2.7882-5.2811i
66.0	-0.3886-0.2933i	1.1205+0.7908i	-0.6893-4.0248i	1.5076-1.3344i	1.3965+0.2390i	0.5053-2.7147i	2.6000-5.3850i
66.1	-0.3095-0.2406i	1.2378+0.7233i	-0.7622-4.0564i	1.4456-1.4517i	1.4948+0.1431i	0.4988-2.8845i	2.4242-5.4880i
66.2	-0.2217-0.2096i	1.2451+0.6081i	-0.7701-3.9951i	1.3004-1.3808i	1.4753+0.0304i	0.4654-2.9761i	2.2330-5.3509i
66.3	-0.1436-0.1784i	1.2418+0.5252i	-0.7223-4.0130i	1.1235-1.4657i	1.4344-0.0548i	0.5152-3.1851i	1.8886-5.2549i
66.4	-0.0070-0.2164i	1.2896+0.3732i	-0.9391-3.9018i	1.0197-1.4126i	1.4421-0.2226i	0.2820-3.2118i	1.7474-5.2210i
66.5	0.0176-0.2988i	1.3155+0.3435i	-1.0341-3.7300i	0.9336-1.4290i	1.4586-0.2249i	0.2091-3.0619i	1.7027-5.3412i
66.6	0.0085-0.3419i	1.3402+0.3517i	-0.8419-3.7464i	0.9063-1.4484i	1.4813-0.2239i	0.4511-3.1358i	1.4390-5.3535i
66.7	0.0193-0.3753i	1.3438+0.1743i	-0.7783-3.7952i	0.8114-1.4271i	1.4551-0.4112i	0.4957-3.3403i	1.1402-5.2681i
66.8	0.0876-0.4456i	1.2353+0.0632i	-1.0918-3.6863i	0.7618-1.3519i	1.3156-0.4876i	0.0878-3.3162i	1.2327-5.1270i
66.9	0.0880-0.5462i	1.1388-0.0992i	-1.1927-3.5962i	0.6510-1.3549i	1.2022-0.6562i	-0.0816-3.3784i	1.1038-5.0257i
67.0	0.0618-0.5630i	1.1423-0.0857i	-0.9615-3.5889i	0.5872-1.3853i	1.2039-0.6305i	0.1869-3.4487i	0.8041-5.0838i
67.1	0.0659-0.6350i	1.0521-0.0834i	-1.0888-3.4455i	0.5603-1.3483i	1.0818-0.6380i	-0.0469-3.3652i	0.7480-5.0832i
67.2	0.0509-0.7061i	0.9284-0.1156i	-1.2549-3.3196i	0.4790-1.3055i	0.9400-0.6518i	-0.2903-3.3243i	0.6691-5.0216i
67.3	0.0646-0.7212i	0.8508-0.0831i	-1.3973-3.2987i	0.3951-1.3037i	0.8351-0.5991i	-0.5323-3.3832i	0.5447-4.9262i
67.4	-0.0080-0.7402i	0.7924-0.0404i	-1.3385-3.2875i	0.3716-1.2217i	0.7628-0.5659i	-0.5343-3.4134i	0.4401-5.0040i
67.5	-0.0085-0.7712i	0.7560-0.0841i	-1.3549-3.2161i	0.3284-1.1289i	0.7179-0.5844i	-0.6418-3.3869i	0.3842-4.9193i
67.6	0.0016-0.7358i	0.6448-0.0792i	-1.5501-3.1531i	0.3563-0.9943i	0.5874-0.5528i	-0.9978-3.3276i	0.4428-4.7823i
67.7	-0.0393-0.7968i	0.6167+0.0166i	-1.4598-3.1390i	0.2890-1.0359i	0.5777-0.4690i	-0.9608-3.3050i	0.4194-4.9148i
67.8	-0.1871-0.8218i	0.5815+0.0774i	-1.3099-3.0617i	0.2655-0.9916i	0.5371-0.3955i	-0.8664-3.2274i	0.2347-4.9704i
67.9	-0.2159-0.8395i	0.5142+0.1611i	-1.2597-2.9113i	0.2110-1.0043i	0.4755-0.3031i	-0.9184-3.0250i	0.1741-4.9821i
68.0	-0.2053-0.8476i	0.6268+0.2032i	-1.4247-2.9387i	0.3220-0.9770i	0.5685-0.2509i	-1.1178-3.0274i	0.0178-4.9909i
68.1	-0.2970-0.7469i	0.6516+0.1983i	-1.4063-3.0435i	0.2147-0.9113i	0.5746-0.2698i	-1.1104-3.1223i	-0.2304-4.8912i
68.2	-0.3532-0.7183i	0.6161+0.2211i	-1.4819-3.0138i	0.2081-0.8604i	0.5173-0.2482i	-1.2568-3.0652i	-0.3613-4.7276i
68.3	-0.3600-0.7568i	0.6082+0.3126i	-1.5744-2.9652i	0.1485-0.8078i	0.5008-0.1602i	-1.4183-2.9418i	-0.2887-4.7725i
68.4	-0.3839-0.7517i	0.6323+0.4005i	-1.5208-2.8751i	0.2002-0.7985i	0.5172-0.0518i	-1.3888-2.8066i	-0.2849-4.8528i
68.5	-0.3794-0.7798i	0.6582+0.4912i	-1.5423-2.7232i	0.2796-0.7049i	0.5426+0.0710i	-1.4875-2.5914i	-0.2795-4.8855i
68.6	-0.4461-0.7403i	0.7570+0.4646i	-1.4952-2.6279i	0.2381-0.6957i	0.6363+0.0530i	-1.4330-2.4156i	-0.4150-4.8025i

68.7	-0.4951-0.6865i	0.8359+0.3945i	-1.4873-2.6328i	0.2493-0.7515i	0.7245-0.0115i	-1.3617-2.3629i	-0.6802-4.7360i
68.8	-0.5192-0.6450i	0.9023+0.3754i	-1.6262-2.6916i	0.2543-0.6904i	0.7651-0.0211i	-1.4693-2.4129i	-0.8623-4.7043i
68.9	-0.5092-0.6694i	0.9031+0.4077i	-1.6296-2.5584i	0.2742-0.6723i	0.7637+0.0311i	-1.4993-2.2351i	-0.8566-4.7265i
69.0	-0.4542-0.6831i	0.8494+0.3921i	-1.8025-2.3724i	0.2936-0.6658i	0.7059+0.0244i	-1.7014-2.0071i	-0.9033-4.5853i
69.1	-0.5125-0.6365i	0.9640+0.3235i	-1.9021-2.4238i	0.3068-0.6977i	0.7919-0.0392i	-1.6833-2.0254i	-1.2311-4.6358i
69.2	-0.5810-0.5993i	1.0487+0.4348i	-1.6542-2.3929i	0.3376-0.6329i	0.8982+0.0762i	-1.4140-1.9076i	-1.2262-4.6711i
69.3	-0.5494-0.6292i	0.9456+0.3687i	-1.8288-2.1423i	0.2933-0.6717i	0.7865+0.0456i	-1.6187-1.6679i	-1.1668-4.4369i
69.4	-0.5999-0.6916i	1.0286+0.4068i	-1.7130-1.8068i	0.3371-0.6708i	0.8781+0.1158i	-1.3687-1.2883i	-1.3275-4.4764i
69.5	-0.5174-0.5849i	1.0770+0.2730i	-1.9224-1.9045i	0.4189-0.5796i	0.9008-0.0086i	-1.5450-1.4466i	-1.4150-4.3175i
69.6	-0.4287-0.6295i	0.9534+0.2571i	-2.1014-1.6763i	0.3723-0.6196i	0.7785-0.0085i	-1.7884-1.2546i	-1.3498-4.2008i
69.7	-0.6932-0.6213i	1.1577+0.3696i	-1.4292-1.6063i	0.3029-0.5914i	1.0212+0.1044i	-1.0013-1.0951i	-1.6892-4.3311i
69.8	-0.7079-0.5027i	1.2407+0.2151i	-1.4845-1.8024i	0.3561-0.5289i	1.0934-0.0449i	-0.9747-1.3288i	-1.8252-4.1718i
69.9	-0.6504-0.5872i	1.1494+0.3111i	-1.5758-1.5264i	0.3978-0.5528i	0.9966+0.0796i	-1.1058-1.0762i	-1.7060-4.0993i
70.0	-0.5788-0.5628i	1.1772+0.2721i	-1.7365-1.4260i	0.4500-0.5608i	1.0173+0.0421i	-1.2400-0.9745i	-1.8218-3.9599i
70.1	-0.6640-0.5651i	1.2782+0.2835i	-1.6191-1.3861i	0.4853-0.5542i	1.1290+0.0638i	-1.0730-0.9278i	-1.9402-3.9665i
70.2	-0.6170-0.5894i	1.2388+0.2365i	-1.7907-1.1512i	0.4766-0.5361i	1.0777+0.0445i	-1.2983-0.6967i	-1.8947-3.7893i
70.3	-0.6532-0.5260i	1.3933+0.1945i	-1.7745-1.1990i	0.5092-0.6445i	1.2329-0.0075i	-1.1924-0.7570i	-2.1076-3.7332i
70.4	-0.6802-0.6401i	1.4116+0.2205i	-1.7032-0.7571i	0.5494-0.6925i	1.2750+0.0778i	-1.1150-0.2759i	-2.0976-3.6870i
70.5	-0.6943-0.7815i	1.4242+0.1919i	-1.5420-0.1530i	0.5380-0.7360i	1.2997+0.1048i	-0.9217+0.3405i	-2.0432-3.6267i
70.6	-0.6674-0.6459i	1.4468+0.0423i	-1.7065-0.4150i	0.6000-0.7586i	1.2984-0.0611i	-1.0473-0.0456i	-2.1829-3.4394i
70.7	-0.7924-0.6514i	1.5051+0.0521i	-1.2115-0.3270i	0.5279-0.7299i	1.3856-0.0463i	-0.5287+0.0959i	-2.0803-3.4137i
70.8	-1.0376-0.6014i	1.6815+0.0334i	-0.5660-0.3031i	0.5229-0.7211i	1.6206-0.0778i	0.2760+0.1418i	-2.2396-3.4596i
70.9	-0.9980-0.5874i	1.6802-0.0808i	-0.8042-0.1499i	0.5423-0.7959i	1.6151-0.1747i	0.0021+0.1714i	-2.3527-3.2726i
71.0	-1.0084-0.5816i	1.6980-0.1046i	-0.7947-0.0859i	0.5605-0.8146i	1.6375-0.1827i	0.0552+0.1752i	-2.3592-3.2045i
71.1	-1.1090-0.4363i	1.7571-0.1442i	-0.2759-0.5853i	0.5578-0.7190i	1.7400-0.2523i	0.6614-0.3590i	-2.2382-3.2124i
71.2	-1.1398-0.3880i	1.7402-0.2614i	-0.0530-0.3678i	0.5484-0.7534i	1.7292-0.3390i	0.9260-0.2031i	-2.2491-3.0463i
71.3	-1.1494-0.3582i	1.7501-0.3413i	-0.0632-0.3579i	0.5943-0.7874i	1.7308-0.4008i	0.8949-0.2589i	-2.2789-3.0033i
71.4	-1.1733-0.3361i	1.8201-0.3925i	-0.0117-0.3839i	0.5677-0.7925i	1.8160-0.4660i	0.9806-0.2892i	-2.2731-3.0318i
71.5	-1.2068-0.3304i	1.8207-0.5021i	0.0313-0.1156i	0.5785-0.8730i	1.8319-0.5436i	0.9774-0.0346i	-2.2845-2.9776i
71.6	-1.2136-0.2251i	1.8572-0.6590i	-0.0341-0.3945i	0.6058-0.9240i	1.8768-0.7000i	0.9470-0.4920i	-2.4645-3.0316i
71.7	-1.2739-0.0907i	1.8817-0.7109i	0.2770-0.8767i	0.6364-0.8685i	1.9220-0.7811i	1.2520-1.0581i	-2.4262-3.0188i
71.8	-1.2730-0.0004i	1.8504-0.8171i	0.3409-1.0179i	0.6496-0.8978i	1.9019-0.8977i	1.2725-1.2949i	-2.4347-2.9198i
71.9	-1.3163-0.0200i	1.8770-0.8371i	0.3969-0.7939i	0.6801-0.9344i	1.9540-0.8961i	1.3551-1.0645i	-2.4724-3.0303i
72.0	-1.3581+0.0122i	1.8625-0.9021i	0.5469-0.6783i	0.6663-0.9387i	1.9533-0.9462i	1.5126-0.9310i	-2.4379-3.1233i
72.1	-1.3689+0.1476i	1.8730-1.0575i	0.6532-0.9032i	0.6431-0.9402i	1.9813-1.0950i	1.5774-1.2495i	-2.5431-2.9697i
72.2	-1.4101+0.1594i	1.8631-1.1034i	0.8614-0.9372i	0.6710-0.9961i	2.0077-1.1429i	1.7656-1.3276i	-2.4608-3.1055i
72.3	-1.4101+0.2908i	1.7737-1.2741i	1.0133-1.0529i	0.6650-1.0443i	1.9525-1.3392i	1.8897-1.5384i	-2.5928-3.0142i
72.4	-1.3783+0.3828i	1.7878-1.4138i	0.9844-1.2135i	0.6499-1.1113i	1.9695-1.4794i	1.8651-1.7461i	-2.7358-3.0156i
72.5	-1.3478+0.4572i	1.7477-1.4738i	0.7814-1.3635i	0.7244-1.1287i	1.9345-1.5495i	1.5296-1.9543i	-2.7347-3.0250i
72.6	-1.2941+0.5161i	1.7051-1.4994i	0.6738-1.4872i	0.7053-1.1233i	1.8811-1.5873i	1.3814-2.1344i	-2.7580-2.9878i
72.7	-1.3261+0.5309i	1.6601-1.4996i	0.8600-1.4611i	0.7111-1.1489i	1.8744-1.5823i	1.5742-2.0574i	-2.6995-3.0354i
72.8	-1.2370+0.5854i	1.5326-1.6306i	0.8290-1.3738i	0.6733-1.1991i	1.7550-1.7040i	1.4493-1.9431i	-2.7782-2.9130i
72.9	-1.2342+0.7255i	1.4991-1.7501i	0.8068-1.5355i	0.6314-1.2684i	1.7371-1.8418i	1.3586-2.2173i	-3.0366-2.9175i
73.0	-1.2525+0.7767i	1.5307-1.8035i	0.8613-1.5297i	0.6687-1.3103i	1.7868-1.9055i	1.3869-2.2064i	-3.0568-3.0594i
73.1	-1.1702+0.8712i	1.3385-1.9029i	1.0263-1.6420i	0.6018-1.3301i	1.6337-2.0161i	1.4928-2.2719i	-3.0416-2.9294i
73.2	-1.0686+0.9724i	1.1694-2.0285i	0.9749-1.6969i	0.5240-1.4025i	1.4713-2.1759i	1.3654-2.3639i	-3.2985-2.7823i
73.3	-1.0658+1.0787i	1.1359-2.1708i	1.0794-1.7467i	0.5217-1.4924i	1.4831-2.3141i	1.4367-2.4578i	-3.4528-2.8523i
73.4	-1.0202+1.1852i	1.1107-2.2633i	1.1202-2.1515i	0.5861-1.5415i	1.4666-2.4461i	1.4928-3.0020i	-3.5477-2.9572i
73.5	-0.8869+1.2483i	0.9516-2.3043i	1.0211-2.1039i	0.5421-1.5828i	1.3371-2.4868i	1.3275-2.8604i	-3.6718-2.8932i
73.6	-0.8218+1.2931i	0.8577-2.3263i	1.0026-2.1409i	0.4792-1.6172i	1.2359-2.5370i	1.2392-2.8416i	-3.8126-2.8641i
73.7	-0.7101+1.2475i	0.6754-2.2313i	1.0292-2.2733i	0.3971-1.6247i	1.0708-2.4870i	1.2038-3.0149i	-3.7853-2.6156i
73.8	-0.6515+1.3004i	0.6161-2.3005i	0.9628-2.3540i	0.4264-1.6740i	1.0216-2.5770i	1.1161-3.0874i	-4.0371-2.6773i
73.9	-0.6485+1.3766i	0.5690-2.3337i	1.1291-2.5177i	0.4058-1.6569i	1.0151-2.6386i	1.2837-3.2176i	-4.2004-2.6799i
74.0	-0.6215+1.3638i	0.5138-2.2875i	1.1981-2.6452i	0.3753-1.6426i	0.9883-2.6313i	1.3045-3.3211i	-4.2368-2.6781i
74.1	-0.4688+1.3140i	0.3924-2.2970i	0.9649-2.5196i	0.2673-1.7612i	0.8285-2.6651i	1.0134-3.1251i	-4.4600-2.4867i
74.2	-0.3485+1.3247i	0.1981-2.2821i	0.8316-2.5257i	0.2272-1.8004i	0.6342-2.7045i	0.8075-3.1390i	-4.6097-2.2028i
74.3	-0.2908+1.3821i	0.1179-2.3470i	0.8545-2.7314i	0.2010-1.8304i	0.5801-2.8130i	0.7948-3.3099i	-4.7987-2.1437i
74.4	-0.2446+1.4177i	0.0689-2.3899i	0.9033-2.7712i	0.1494-1.8692i	0.5175-2.8761i	0.8794-3.3190i	-4.9174-2.0721i
74.5	-0.2430+1.2853i	0.0249-2.2114i	0.9504-2.6023i	0.0863-1.8403i	0.4687-2.7018i	0.9274-3.0739i	-4.7750-1.8802i
74.6	-0.2273+1.4125i	0.0113-2.2869i	1.1313-2.9091i	0.0523-1.9039i	0.4660-2.8613i	1.1372-3.3985i	-4.9830-1.7746i
74.7	-0.2096+1.3757i	-0.0165-2.2973i	0.9704-2.7940i	0.0535-1.9496i	0.4052-2.8596i	0.9471-3.2765i	-4.9383-1.6922i
74.8	-0.1609+1.4101i	-0.1069-2.3198i	0.8938-2.8231i	-0.0024-2.0002i	0.2978-2.9144i	0.8113-3.2501i	-5.0865-1.5519i
74.9	-0.0753+1.4689i	-0.1529-2.3738i	0.7962-3.0520i	-0.0229-2.0469i	0.2299-3.0260i	0.6731-3.5045i	-5.3005-1.4398i

75.0	-0.1029+1.4393i	-0.1589-2.3584i	0.9951-2.9739i	-0.0504-2.0337i	0.2379-2.9905i	0.9098-3.3809i	-5.2727-1.4342i
75.1	-0.0347+1.4531i	-0.3160-2.2922i	1.0327-3.1257i	-0.2060-1.9862i	0.0676-2.9648i	0.9483-3.5345i	-5.3282-1.0009i
75.2	0.1228+1.5414i	-0.3947-2.4361i	0.6593-3.4051i	-0.1996-2.0933i	-0.0753-3.1584i	0.5160-3.8031i	-5.5199-0.9500i
75.3	0.2504+1.5975i	-0.5503-2.4562i	0.5977-3.5647i	-0.3671-2.1147i	-0.2667-3.2242i	0.4207-3.9567i	-5.6072-0.5793i
75.4	0.2874+1.6221i	-0.5831-2.4495i	0.6745-3.4952i	-0.4246-2.0990i	-0.3180-3.2071i	0.5101-3.8596i	-5.6304-0.4237i
75.5	0.2815+1.6134i	-0.6571-2.4797i	0.9020-3.3188i	-0.4316-2.1192i	-0.3362-3.2191i	0.7505-3.6469i	-5.6416-0.4192i
75.6	0.3845+1.6198i	-0.8189-2.4040i	0.8014-3.5498i	-0.5883-2.0690i	-0.5317-3.1853i	0.6280-3.9070i	-5.6359-0.1349i
75.7	0.5044+1.7308i	-0.9871-2.5415i	0.9757-3.6408i	-0.7075-2.1543i	-0.6771-3.3415i	0.7758-3.9071i	-6.0719+0.0828i
75.8	0.5789+1.6320i	-1.1027-2.4310i	1.0542-3.5038i	-0.8188-2.0844i	-0.8088-3.2183i	0.8825-3.6841i	-5.8860+0.3366i
75.9	0.7409+1.5812i	-1.2780-2.3305i	0.8256-3.6656i	-0.9249-2.0784i	-1.0411-3.1610i	0.6472-3.7836i	-5.7626+0.7360i
76.0	0.8133+1.6361i	-1.3741-2.3924i	0.8286-3.9655i	-0.9505-2.1276i	-1.1322-3.2692i	0.6598-4.0841i	-5.8703+0.8475i
76.1	0.8802+1.6359i	-1.4890-2.3715i	0.8844-3.9069i	-1.0447-2.0886i	-1.2451-3.2418i	0.7478-3.9672i	-5.9009+0.9450i
76.2	0.9537+1.6049i	-1.5501-2.3023i	0.9142-4.0116i	-1.1341-2.0744i	-1.3212-3.1894i	0.8182-3.9969i	-5.9127+0.9575i
76.3	1.0774+1.5734i	-1.6346-2.2131i	0.7751-4.1384i	-1.1567-2.0589i	-1.4382-3.1174i	0.6825-4.1178i	-5.8359+1.0915i
76.4	1.2509+1.4801i	-1.8308-2.0626i	0.5024-4.0909i	-1.2597-1.8967i	-1.6974-2.9725i	0.4586-4.0321i	-5.8221+1.5901i
76.5	1.3128+1.4896i	-1.8766-2.0399i	0.6523-4.4285i	-1.3200-1.8649i	-1.7331-3.0084i	0.6611-4.3380i	-5.7224+1.7723i
76.6	1.4103+1.4437i	-1.9788-1.9642i	0.7078-4.6454i	-1.3523-1.8428i	-1.8499-2.9773i	0.8100-4.5668i	-5.6584+1.8977i
76.7	1.5411+1.3134i	-2.1236-1.8013i	0.3737-4.6956i	-1.4808-1.7552i	-2.0480-2.8128i	0.4669-4.6214i	-5.5844+2.2895i
76.8	1.6254+1.1840i	-2.1247-1.6111i	0.3010-4.8475i	-1.4347-1.6684i	-2.0993-2.6395i	0.4282-4.8235i	-5.3130+2.4986i
76.9	1.7167+1.0868i	-2.2587-1.4198i	0.3501-5.0350i	-1.5541-1.5562i	-2.2490-2.5042i	0.5557-5.0134i	-5.2743+2.8216i
77.0	1.7198+0.9646i	-2.2970-1.2932i	0.2608-4.9224i	-1.5975-1.4662i	-2.3060-2.3590i	0.5564-4.8635i	-5.1791+2.9820i
77.1	1.7771+0.9369i	-2.3056-1.2747i	0.2582-5.1319i	-1.5936-1.4670i	-2.3327-2.3798i	0.6114-5.0751i	-5.1969+3.1269i
77.2	1.8662+0.8489i	-2.3708-1.1009i	0.2278-5.5395i	-1.6243-1.3524i	-2.4320-2.2718i	0.6190-5.6332i	-4.9124+3.4736i
77.3	1.9319+0.7321i	-2.4217-0.9810i	-0.0518-5.5127i	-1.6888-1.3179i	-2.5562-2.1457i	0.3629-5.6359i	-4.7325+3.6235i
77.4	1.9821+0.6161i	-2.3877-0.8517i	-0.3411-5.7771i	-1.6845-1.2436i	-2.5692-2.0478i	0.0359-5.9778i	-4.4841+3.7342i
77.5	2.0187+0.4731i	-2.3913-0.6669i	-0.4609-5.8958i	-1.6555-1.1641i	-2.6256-1.8676i	-0.0798-6.1771i	-4.1971+3.9498i
77.6	2.0963+0.4025i	-2.4735-0.5682i	-0.6068-5.8820i	-1.7521-1.0645i	-2.7735-1.7914i	-0.1911-6.2151i	-4.2260+4.2513i
77.7	2.0281+0.3093i	-2.3566-0.5008i	-0.6528-6.0894i	-1.6812-1.0727i	-2.6621-1.7550i	-0.2861-6.4726i	-3.9095+4.1862i
77.8	2.0080+0.1846i	-2.2932-0.3784i	-1.0209-6.2054i	-1.6701-1.0026i	-2.6870-1.6307i	-0.6728-6.5907i	-3.6772+4.1999i
77.9	2.0409+0.0968i	-2.2972-0.3318i	-1.3178-6.2204i	-1.7306-1.0289i	-2.7384-1.5643i	-0.9845-6.6241i	-3.5297+4.2851i
78.0	2.0486-0.0549i	-2.2683-0.1846i	-1.6141-6.2705i	-1.6760-0.8951i	-2.8146-1.4099i	-1.3514-6.7783i	-3.1353+4.5246i
78.1	2.0250-0.0562i	-2.1622-0.1928i	-1.9943-6.3490i	-1.6775-0.8915i	-2.8247-1.4349i	-1.7882-6.8637i	-2.9930+4.3278i
78.2	1.9372-0.1221i	-2.0732-0.1309i	-2.0163-6.2383i	-1.6223-0.8674i	-2.7529-1.3271i	-1.7969-6.7928i	-2.7142+4.3628i
78.3	2.0065-0.3459i	-2.0727+0.0380i	-2.3099-6.3047i	-1.6537-0.7832i	-2.8476-1.1560i	-2.2092-6.9397i	-2.4462+4.6904i
78.4	2.0308-0.4639i	-2.0971+0.1136i	-2.8220-6.1268i	-1.7005-0.7004i	-2.9891-0.9966i	-2.7814-6.7438i	-2.3423+4.7006i
78.5	2.0020-0.4814i	-2.0873+0.1155i	-2.8278-5.9111i	-1.7037-0.7065i	-2.9732-0.9222i	-2.8044-6.4857i	-2.2836+4.5839i
78.6	1.9162-0.6216i	-2.0501+0.1330i	-2.9570-5.7833i	-1.6960-0.7190i	-2.9900-0.8311i	-3.0199-6.3027i	-2.0317+4.4318i
78.7	1.8531-0.7277i	-1.9994+0.2038i	-3.1265-5.6736i	-1.6659-0.6999i	-2.9642-0.7026i	-3.2425-6.1723i	-1.7696+4.3940i
78.8	1.7433-0.8654i	-1.9066+0.3212i	-3.3524-5.4235i	-1.6273-0.5745i	-2.8935-0.4720i	-3.5295-5.8531i	-1.3575+4.3623i
78.9	1.7196-1.1327i	-1.8823+0.5965i	-3.5796-4.9461i	-1.6423-0.3818i	-2.8960-0.0501i	-3.8363-5.3805i	-0.8249+4.7558i
79.0	1.3069-1.0380i	-1.4902+0.4569i	-2.8196-4.8618i	-1.3268-0.4880i	-2.3094-0.1712i	-3.0906-5.1450i	-0.2975+3.8140i
79.1	1.4755-0.8475i	-1.7005+0.2283i	-3.0313-5.4184i	-1.4916-0.6644i	-2.6085-0.4617i	-3.2755-5.6943i	-0.9032+3.6172i
79.2	1.5153-0.9421i	-1.7779+0.2799i	-3.2865-5.4384i	-1.5599-0.6775i	-2.7027-0.3519i	-3.5306-5.6367i	-0.9255+3.8005i
79.3	1.4263-1.1048i	-1.7740+0.3906i	-3.5062-5.3802i	-1.6113-0.6728i	-2.6932-0.1453i	-3.7187-5.4965i	-0.6853+3.7725i
79.4	1.3016-1.1094i	-1.7045+0.4419i	-3.6215-5.3397i	-1.5746-0.6210i	-2.5987-0.0836i	-3.7935-5.4381i	-0.5706+3.7477i
79.5	1.2983-1.0003i	-1.7074+0.4087i	-3.5803-5.2551i	-1.5854-0.5865i	-2.5582-0.1139i	-3.6525-5.3451i	-0.6611+3.7783i
79.6	1.2945-1.1056i	-1.7119+0.5027i	-3.7669-5.2346i	-1.5889-0.5243i	-2.5487+0.0120i	-3.8282-5.3280i	-0.4833+3.8088i
79.7	1.1943-1.1332i	-1.6290+0.5279i	-4.0981-5.1230i	-1.5696-0.4940i	-2.4675+0.1021i	-4.2100-5.1724i	-0.1711+3.5710i
79.8	1.1769-1.0983i	-1.6631+0.5394i	-4.1552-5.0324i	-1.6185-0.4915i	-2.4774+0.1258i	-4.1859-5.0784i	-0.2557+3.4572i
79.9	1.1411-1.1277i	-1.6730+0.5768i	-4.2268-5.0335i	-1.6806-0.5076i	-2.4660+0.1363i	-4.1590-5.0927i	-0.2907+3.3430i
80.0	1.1644-1.1239i	-1.6437+0.5255i	-4.5057-5.1069i	-1.6660-0.5605i	-2.4640+0.0928i	-4.4948-5.1485i	-0.1643+2.9877i

2.1.13 Run 2 – IP270 – Accels 1–8

In-plane shaking at 270°. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	13.8515+0.0000i	3.6405+0.0000i	16.7861+0.0000i	21.8418+0.0000i	-3.0195+0.0000i	16.0246+0.0000i	9.7578+0.0000i	11.3709+0.0000i
0.1	13.1729-0.8006i	3.4121+0.2501i	14.7798-0.2235i	19.0829+0.0574i	-3.5695-0.7378i	12.1206-0.6212i	7.6298-2.4277i	7.4815-1.2833i
0.2	1.3343+0.3940i	0.7621+0.2776i	1.2605+0.6949i	0.6430-0.2701i	-4.4835+1.3501i	-4.2343+1.3770i	-3.9710+1.8107i	-3.6152-4.6312i
0.3	0.3206+0.4882i	0.2290+0.1012i	-0.2226+0.3222i	0.0226+0.4805i	-0.1738+0.1239i	-0.8124+1.1728i	1.4071+0.2025i	-1.8840-2.3868i
0.4	0.0793+0.2245i	0.2529+0.0875i	0.5780-0.1295i	0.4463-0.1928i	-0.4479-1.0823i	-1.3203-0.5479i	1.2382-1.0134i	-2.4998-2.4312i
0.5	-0.7177-0.2791i	0.6299-0.2690i	0.0287-0.0523i	1.2792+0.5723i	0.3733+0.0611i	-0.5926+0.1090i	1.1049+0.7701i	-0.3181+0.0687i
0.6	-0.1084-0.1453i	0.2515-0.1381i	-0.0553+0.0679i	0.1896+0.0253i	0.1309-0.0162i	-0.0215+0.0107i	0.3966+0.0382i	-0.2673+0.1212i
0.7	0.0721-0.0083i	0.1602-0.0009i	-0.0061+0.0031i	-0.0175+0.0029i	0.0733-0.0184i	-0.0728+0.0005i	0.1607+0.0014i	-0.0876-0.0084i
0.8	0.1554+0.0193i	0.1930+0.0287i	-0.0045-0.0155i	-0.0201+0.0060i	0.0200+0.0082i	-0.1413-0.0151i	0.0070+0.0107i	-0.0286-0.0378i
0.9	0.2383+0.0110i	0.2316+0.0148i	0.0114-0.0033i	-0.0128-0.0032i	0.0053+0.0059i	-0.1422-0.0028i	0.0205-0.0024i	0.0022-0.0226i
1.0	0.2924-0.0491i	0.2837+0.0214i	-0.0103+0.0021i	-0.0095+0.0028i	0.0049+0.0033i	-0.1677+0.0032i	0.0019-0.0027i	-0.0072-0.0186i
1.1	0.3417-0.0339i	0.3739+0.0220i	-0.0105+0.0052i	0.0006+0.0001i	0.0161-0.0036i	-0.2376+0.0090i	-0.0000+0.0013i	0.0004-0.0244i
1.2	0.4275-0.0462i	0.4478+0.0104i	0.0012+0.0345i	0.0029-0.0018i	0.0165-0.0181i	-0.2943+0.0140i	0.0015-0.0007i	-0.0025-0.0285i
1.3	0.5901-0.0503i	0.6382-0.0157i	0.0626+0.0326i	0.0023+0.0012i	-0.0038-0.0255i	-0.4750+0.0876i	-0.0006+0.0000i	-0.0015-0.1262i
1.4	0.7210-0.0676i	0.7712-0.0646i	0.0900+0.0024i	0.0029+0.0010i	-0.0119-0.0106i	-0.5488+0.1536i	-0.0016-0.0001i	-0.0975-0.1435i
1.5	1.0745-0.2200i	1.0966-0.2240i	0.0838-0.0495i	0.0028+0.0001i	0.0124+0.0242i	-0.8202+0.1375i	-0.0002-0.0001i	-0.1326+0.2660i
1.6	1.3033-0.5078i	1.3106-0.5040i	0.0714-0.0804i	0.0024+0.0000i	0.0435+0.0296i	-1.1113+0.3487i	0.0012+0.0005i	0.1053+0.4290i
1.7	1.3298-0.9296i	1.3322-0.9164i	0.0538-0.1031i	0.0022+0.0011i	0.0617+0.0076i	-1.1817+0.8227i	0.0028+0.0008i	0.2856+0.2735i
1.8	1.1175-1.6465i	1.1233-1.6180i	0.0265-0.1549i	0.0027+0.0030i	0.0723-0.0209i	-0.9674+1.6033i	0.0031+0.0001i	0.3728+0.0579i
1.9	0.3468-2.0369i	0.3673-1.9949i	-0.0593-0.1763i	0.0059+0.0044i	0.0742-0.0420i	-0.1636+2.0472i	0.0044+0.0004i	0.3511-0.1312i
2.0	-0.6201-1.3873i	-0.5716-1.3482i	-0.1738-0.1049i	0.0088+0.0026i	0.0753-0.0510i	0.8746+1.4153i	0.0046-0.0016i	0.1932-0.1901i
2.1	-0.7457-1.0147i	-0.6851-0.9858i	-0.2374-0.0599i	0.0110+0.0009i	0.1133-0.0571i	1.0511+1.0432i	0.0081-0.0020i	0.1638-0.1848i
2.2	-0.7517-0.7402i	-0.6811-0.7168i	-0.3847+0.1006i	0.0170-0.0041i	0.2345-0.1789i	1.1181+0.7517i	0.0134-0.0067i	0.2315-0.2847i
2.3	-0.6370-0.6342i	-0.5663-0.6182i	-0.1230+0.5002i	0.0096-0.0159i	-0.0070-0.5200i	1.0097+0.6136i	0.0040-0.0204i	-0.0091-0.6112i
2.4	-0.5563-0.4941i	-0.4833-0.4813i	0.2459+0.2364i	-0.0017-0.0074i	-0.3258-0.2540i	0.9288+0.4960i	-0.0101-0.0101i	-0.3313-0.3363i
2.5	-0.4766-0.3913i	-0.3987-0.3797i	0.1379+0.0197i	0.0018-0.0003i	-0.2154-0.0522i	0.8960+0.4121i	-0.0064-0.0018i	-0.2353-0.1252i
2.6	-0.3768-0.3687i	-0.2952-0.3575i	0.0760-0.0101i	0.0044+0.0005i	-0.1506-0.0258i	0.8359+0.3913i	-0.0040-0.0002i	-0.1722-0.0987i
2.7	-0.2733-0.3494i	-0.1865-0.3390i	0.0496-0.0200i	0.0055+0.0007i	-0.1188-0.0161i	0.7744+0.3757i	-0.0025+0.0002i	-0.1406-0.0900i
2.8	-0.2543-0.2936i	-0.1611-0.2844i	0.0311-0.0194i	0.0070+0.0007i	-0.1029-0.0111i	0.7933+0.3220i	-0.0018+0.0002i	-0.1381-0.0757i
2.9	-0.2001-0.2474i	-0.1004-0.2388i	0.0208-0.0162i	0.0075+0.0008i	-0.0912-0.0096i	0.7792+0.2737i	-0.0008+0.0003i	-0.1306-0.0648i
3.0	-0.1059-0.2544i	-0.0030-0.2473i	0.0203-0.0206i	0.0075+0.0014i	-0.0846-0.0083i	0.7183+0.2811i	-0.0003+0.0008i	-0.1167-0.0669i
3.1	-0.0568-0.2563i	0.0560-0.2509i	0.0139-0.0209i	0.0103+0.0009i	-0.0793-0.0060i	0.7233+0.2807i	-0.0003+0.0009i	-0.1197-0.0666i
3.2	-0.0424-0.2123i	0.0788-0.2072i	0.0057-0.0157i	0.0109+0.0009i	-0.0745-0.0063i	0.7549+0.2415i	0.0009+0.0002i	-0.1281-0.0571i
3.3	0.0348-0.1759i	0.1644-0.1712i	0.0062-0.0144i	0.0116+0.0002i	-0.0705-0.0058i	0.7213+0.2077i	0.0011-0.0005i	-0.1208-0.0504i
3.4	0.0828-0.1964i	0.2190-0.1914i	0.0050-0.0173i	0.0129-0.0001i	-0.0675-0.0049i	0.7150+0.2231i	0.0010+0.0002i	-0.1204-0.0542i
3.5	0.1297-0.1391i	0.2750-0.1342i	-0.0008-0.0114i	0.0125+0.0002i	-0.0642-0.0046i	0.7157+0.1703i	0.0009+0.0010i	-0.1223-0.0399i
3.6	0.1766-0.1041i	0.3315-0.1006i	-0.0039-0.0082i	0.0129-0.0000i	-0.0604-0.0037i	0.7169+0.1358i	0.0021+0.0006i	-0.1237-0.0305i
3.7	0.2227-0.1257i	0.3887-0.1235i	-0.0060-0.0111i	0.0157+0.0000i	-0.0577-0.0026i	0.7303+0.1500i	0.0030-0.0003i	-0.1294-0.0338i
3.8	0.2894-0.1508i	0.4633-0.1472i	-0.0012-0.0169i	0.0175+0.0023i	-0.0588-0.0016i	0.7055+0.1831i	0.0034+0.0007i	-0.1249-0.0413i
3.9	0.3746-0.1522i	0.5592-0.1492i	0.0027-0.0176i	0.0205+0.0026i	-0.0596-0.0019i	0.6831+0.1848i	0.0036+0.0020i	-0.1214-0.0414i
4.0	0.4365-0.0992i	0.6330-0.0964i	0.0016-0.0119i	0.0204+0.0013i	-0.0581-0.0023i	0.6767+0.1266i	0.0031+0.0017i	-0.1192-0.0283i
4.1	0.4766-0.0838i	0.6821-0.0802i	-0.0000-0.0095i	0.0202+0.0019i	-0.0580-0.0014i	0.6812+0.1150i	0.0036+0.0033i	-0.1213-0.0260i
4.2	0.5680-0.0846i	0.7838-0.0810i	0.0077-0.0079i	0.0216+0.0033i	-0.0577-0.0011i	0.6535+0.1127i	0.0041+0.0037i	-0.1190-0.0246i
4.3	0.6511-0.0866i	0.8773-0.0822i	0.0138-0.0112i	0.0243+0.0036i	-0.0589-0.0004i	0.6305+0.1151i	0.0036+0.0027i	-0.1185-0.0258i
4.4	0.7140-0.0722i	0.9516-0.0704i	0.0062-0.0125i	0.0258+0.0010i	-0.0535+0.0020i	0.6322+0.0938i	0.0050+0.0012i	-0.1169-0.0176i
4.5	0.8067-0.0475i	1.0572-0.0460i	0.0033-0.0088i	0.0237-0.0008i	-0.0492+0.0006i	0.6099+0.0769i	0.0055-0.0004i	-0.1077-0.0126i
4.6	0.8646-0.0599i	1.1247-0.0570i	0.0072-0.0070i	0.0256+0.0019i	-0.0494-0.0023i	0.6047+0.0875i	0.0060+0.0010i	-0.1095-0.0185i
4.7	0.9377-0.0553i	1.2141-0.0530i	0.0063-0.0012i	0.0315+0.0015i	-0.0482-0.0044i	0.6030+0.0835i	0.0058+0.0015i	-0.1078-0.0226i
4.8	1.0145-0.0138i	1.3037-0.0134i	0.0025-0.0017i	0.0316-0.0001i	-0.0491-0.0009i	0.5967+0.0525i	0.0083+0.0001i	-0.1083-0.0112i
4.9	1.1109-0.0254i	1.4154-0.0225i	0.0030+0.0001i	0.0329+0.0012i	-0.0473-0.0022i	0.5821+0.0580i	0.0090+0.0011i	-0.1078-0.0113i
5.0	1.1799-0.0336i	1.4972-0.0305i	0.0078-0.0024i	0.0341+0.0017i	-0.0502-0.0035i	0.5807+0.0628i	0.0094+0.0004i	-0.1102-0.0096i
5.1	1.2738-0.0315i	1.6036-0.0243i	0.0123-0.0039i	0.0358+0.0027i	-0.0492-0.0007i	0.5689+0.0719i	0.0077+0.0008i	-0.1110-0.0102i
5.2	1.3666-0.0325i	1.7107-0.0266i	0.0121-0.0074i	0.0378+0.0027i	-0.0491+0.0008i	0.5550+0.0771i	0.0089+0.0022i	-0.1077-0.0121i
5.3	1.4455-0.0358i	1.8053-0.0280i	0.0140-0.0057i	0.0417+0.0023i	-0.0505-0.0014i	0.5529+0.0806i	0.0100+0.0019i	-0.1072-0.0142i
5.4	1.5432-0.0291i	1.9178-0.0240i	0.0095-0.0080i	0.0377-0.0026i	-0.0469-0.0026i	0.5371+0.0776i	0.0083-0.0002i	-0.1010-0.0142i
5.5	1.6341-0.0228i	2.0280-0.0107i	0.0082-0.0097i	0.0396-0.0004i	-0.0440-0.0004i	0.5355+0.0806i	0.0121+0.0022i	-0.1035-0.0138i
5.6	1.7156-0.0541i	2.1293-0.0429i	0.0018-0.0167i	0.0485+0.0011i	-0.0400+0.0017i	0.5384+0.0939i	0.0160+0.0037i	-0.1058-0.0125i

5.7	1.8168-0.0626i	2.2497-0.0521i	0.0037-0.0095i	0.0509-0.0026i	-0.0393-0.0024i	0.5397+0.1020i	0.0148+0.0041i	-0.1066-0.0169i
5.8	1.8974-0.0553i	2.3464-0.0493i	0.0032-0.0147i	0.0551-0.0033i	-0.0397-0.0012i	0.5425+0.0980i	0.0192+0.0055i	-0.1073-0.0162i
5.9	1.9846-0.0652i	2.4503-0.0645i	0.0001-0.0176i	0.0591-0.0052i	-0.0405-0.0050i	0.5421+0.1064i	0.0238+0.0069i	-0.1071-0.0204i
6.0	2.0353-0.0708i	2.5213-0.0671i	-0.0009-0.0147i	0.0601-0.0003i	-0.0448-0.0106i	0.5799+0.1080i	0.0244+0.0117i	-0.1199-0.0229i
6.1	2.1466-0.0699i	2.6520-0.0638i	-0.0216-0.0093i	0.0672-0.0064i	-0.0397-0.0098i	0.5802+0.1130i	0.0309+0.0095i	-0.1171-0.0226i
6.2	2.2314-0.0481i	2.7527-0.0422i	-0.0270-0.0001i	0.0736-0.0120i	-0.0393-0.0085i	0.5871+0.0897i	0.0389+0.0097i	-0.1205-0.0146i
6.3	2.3760-0.0186i	2.9195-0.0152i	-0.0366-0.0005i	0.0795-0.0164i	-0.0381-0.0064i	0.5700+0.0595i	0.0504+0.0076i	-0.1237-0.0084i
6.4	2.4659-0.0209i	3.0293-0.0132i	-0.0371+0.0028i	0.0844-0.0197i	-0.0405-0.0112i	0.5788+0.0794i	0.0600+0.0040i	-0.1316-0.0191i
6.5	2.5868-0.0269i	3.1724-0.0191i	-0.0337+0.0149i	0.0794-0.0275i	-0.0433-0.0113i	0.5663+0.0814i	0.0567-0.0086i	-0.1313-0.0172i
6.6	2.6857-0.0273i	3.2937-0.0203i	-0.0445+0.0164i	0.0905-0.0238i	-0.0460-0.0141i	0.5777+0.0756i	0.0718-0.0069i	-0.1379-0.0155i
6.7	2.8272-0.0397i	3.4571-0.0320i	-0.0593+0.0119i	0.0976-0.0146i	-0.0429-0.0139i	0.5683+0.0900i	0.0863+0.0001i	-0.1466-0.0187i
6.8	2.9510+0.0129i	3.6007+0.0183i	-0.0707+0.0255i	0.1086-0.0253i	-0.0426-0.0109i	0.5591+0.0660i	0.1014-0.0131i	-0.1521-0.0099i
6.9	3.0896+0.0385i	3.7619+0.0448i	-0.0910+0.0454i	0.1360-0.0422i	-0.0455-0.0072i	0.5590+0.0314i	0.1319-0.0400i	-0.1655+0.0051i
7.0	3.2264+0.0267i	3.9256+0.0384i	-0.1526+0.0988i	0.1961-0.0818i	-0.0426-0.0139i	0.5611+0.0368i	0.2043-0.0921i	-0.1919+0.0185i
7.1	3.3385-0.0043i	4.0630-0.0009i	-0.1629+0.1976i	0.2072-0.1745i	-0.0496-0.0184i	0.5604+0.0476i	0.2166-0.2051i	-0.2030+0.0545i
7.2	3.4939-0.0144i	4.2401-0.0159i	-0.0153+0.3371i	0.0708-0.3034i	-0.0541-0.0117i	0.5507+0.0429i	0.0482-0.3680i	-0.1501+0.1136i
7.3	3.6241-0.0183i	4.3932-0.0214i	0.1190+0.2960i	-0.0615-0.2639i	-0.0508-0.0069i	0.5374+0.0468i	-0.1117-0.3218i	-0.0961+0.1018i
7.4	3.7880+0.0014i	4.5862+0.0031i	0.1536+0.1832i	-0.1129-0.1532i	-0.0417-0.0053i	0.5215+0.0416i	-0.1723-0.1881i	-0.0709+0.0606i
7.5	3.9328+0.0006i	4.7543+0.0070i	0.1538+0.1160i	-0.0970-0.0918i	-0.0443-0.0054i	0.5276+0.0403i	-0.1608-0.1141i	-0.0783+0.0374i
7.6	4.0812-0.0287i	4.9291-0.0167i	0.1461+0.0592i	-0.0738-0.0383i	-0.0452-0.0052i	0.5288+0.0598i	-0.1419-0.0490i	-0.0887+0.0120i
7.7	4.2692-0.0440i	5.1455-0.0336i	0.1094+0.0457i	-0.0568-0.0245i	-0.0406-0.0057i	0.5141+0.0621i	-0.1148-0.0273i	-0.0988+0.0047i
7.8	4.4441-0.0141i	5.3494+0.0044i	0.0813+0.0470i	-0.0412-0.0240i	-0.0378-0.0053i	0.5184+0.0474i	-0.0971-0.0311i	-0.1069+0.0101i
7.9	4.5846-0.0125i	5.5166+0.0135i	0.0675+0.0609i	-0.0296-0.0172i	-0.0394-0.0070i	0.5193+0.0504i	-0.0888-0.0265i	-0.1134+0.0092i
8.0	4.7420-0.0423i	5.7128-0.0022i	0.0687+0.0787i	-0.0247-0.0224i	-0.0435-0.0111i	0.5209+0.0508i	-0.0806-0.0314i	-0.1193+0.0130i
8.1	4.8862-0.0662i	5.8944-0.0264i	0.0677+0.0800i	-0.0205-0.0223i	-0.0446-0.0093i	0.5235+0.0524i	-0.0765-0.0308i	-0.1273+0.0112i
8.2	5.0886-0.0544i	6.1399-0.0178i	0.0775+0.0894i	-0.0174-0.0220i	-0.0426-0.0084i	0.5234+0.0591i	-0.0790-0.0330i	-0.1305+0.0135i
8.3	5.2878-0.0807i	6.3638-0.0428i	0.0661+0.1029i	-0.0165-0.0163i	-0.0418-0.0133i	0.5195+0.0622i	-0.0747-0.0295i	-0.1346+0.0150i
8.4	5.4738-0.0847i	6.5784-0.0301i	0.0544+0.0933i	-0.0223-0.0126i	-0.0391-0.0118i	0.5157+0.0585i	-0.0780-0.0238i	-0.1388+0.0133i
8.5	5.6637-0.1189i	6.8037-0.0422i	0.0651+0.1142i	-0.0157-0.0036i	-0.0400-0.0149i	0.5071+0.0612i	-0.0786-0.0161i	-0.1404+0.0137i
8.6	5.8964-0.0926i	7.0920-0.0286i	0.0430+0.1345i	-0.0111+0.0071i	-0.0398-0.0180i	0.5010+0.0572i	-0.0760-0.0105i	-0.1514+0.0148i
8.7	6.1008-0.1094i	7.3249-0.0438i	0.0308+0.1403i	-0.0053+0.0083i	-0.0399-0.0173i	0.4979+0.0614i	-0.0709-0.0075i	-0.1556+0.0183i
8.8	6.3006-0.1864i	7.5581-0.1000i	0.0049+0.1684i	-0.0069+0.0146i	-0.0384-0.0224i	0.4978+0.0645i	-0.0673-0.0066i	-0.1685+0.0260i
8.9	6.5616-0.2404i	7.8597-0.1121i	-0.0196+0.1974i	-0.0089+0.0298i	-0.0423-0.0252i	0.4908+0.0696i	-0.0680-0.0027i	-0.1776+0.0306i
9.0	6.6956-0.3247i	8.0726-0.1671i	-0.0029+0.2428i	-0.0018+0.0406i	-0.0464-0.0303i	0.4820+0.0746i	-0.0653+0.0057i	-0.1793+0.0365i
9.1	6.8104-0.3712i	8.3591-0.1940i	0.0261+0.3235i	0.0019+0.0577i	-0.0499-0.0379i	0.4704+0.0703i	-0.0611+0.0123i	-0.1822+0.0578i
9.2	6.9555-0.2880i	8.5911-0.1716i	0.0354+0.3606i	0.0052+0.0695i	-0.0552-0.0406i	0.4607+0.0872i	-0.0568+0.0119i	-0.1941+0.0682i
9.3	7.2252-0.2080i	8.9033-0.1643i	0.1365+0.4913i	0.0407+0.1067i	-0.0677-0.0449i	0.4487+0.0949i	-0.0424+0.0224i	-0.1810+0.1105i
9.4	7.5166-0.1555i	9.2169-0.1362i	0.3291+0.5382i	0.0955+0.1129i	-0.0778-0.0412i	0.4403+0.0977i	-0.0260+0.0210i	-0.1351+0.1316i
9.5	7.7956-0.1607i	9.5258-0.1572i	0.4204+0.4468i	0.1208+0.0908i	-0.0803-0.0327i	0.4384+0.1131i	-0.0241+0.0091i	-0.1127+0.1166i
9.6	8.0997-0.1708i	9.8752-0.1756i	0.4477+0.3214i	0.1334+0.0586i	-0.0728-0.0293i	0.4331+0.1379i	-0.0289+0.0021i	-0.1004+0.0886i
9.7	8.3915-0.1933i	10.2118-0.2043i	0.5109+0.2732i	0.1579+0.0431i	-0.0732-0.0265i	0.4329+0.1436i	-0.0168-0.0023i	-0.0830+0.0743i
9.8	8.7306-0.2290i	10.6031-0.2402i	0.4968+0.2176i	0.1541+0.0226i	-0.0730-0.0275i	0.4427+0.1703i	-0.0196-0.0138i	-0.0984+0.0621i
9.9	9.0491-0.2514i	10.9636-0.2570i	0.4331+0.1855i	0.1396+0.0194i	-0.0765-0.0339i	0.4451+0.1842i	-0.0319-0.0078i	-0.1259+0.0476i
10.0	9.3948-0.3038i	11.3466-0.3052i	0.4348+0.1445i	0.1421+0.0104i	-0.0876-0.0352i	0.4422+0.1922i	-0.0348-0.0092i	-0.1340+0.0402i
10.1	9.7406-0.4121i	11.7483-0.3925i	0.4329+0.1415i	0.1387+0.0129i	-0.0911-0.0332i	0.4582+0.2100i	-0.0355+0.0008i	-0.1444+0.0482i
10.2	9.9707-0.5463i	12.1047-0.4861i	0.4229+0.1438i	0.1423+0.0139i	-0.0913-0.0318i	0.4714+0.2219i	-0.0377+0.0084i	-0.1401+0.0532i
10.3	10.2621-0.5276i	12.5003-0.5151i	0.3995+0.1197i	0.1304-0.0043i	-0.0964-0.0265i	0.4736+0.2368i	-0.0452-0.0063i	-0.1570+0.0511i
10.4	10.6104-0.5743i	12.8801-0.5969i	0.4193+0.1329i	0.1371+0.0018i	-0.1045-0.0205i	0.4800+0.2544i	-0.0448-0.0025i	-0.1658+0.0638i
10.5	10.9872-0.6260i	13.3117-0.6550i	0.4353+0.1123i	0.1425-0.0090i	-0.1131-0.0148i	0.4908+0.2710i	-0.0466-0.0072i	-0.1682+0.0713i
10.6	11.4310-0.7034i	13.8125-0.7363i	0.4262+0.0958i	0.1385-0.0158i	-0.1135-0.0061i	0.5026+0.2907i	-0.0457-0.0099i	-0.1802+0.0764i
10.7	11.7534-0.8130i	14.1647-0.8189i	0.4383+0.0968i	0.1495-0.0186i	-0.1115+0.0031i	0.5256+0.3025i	-0.0438-0.0106i	-0.1739+0.0940i
10.8	12.0640-1.1186i	14.6015-1.0226i	0.4425+0.1052i	0.1438-0.0229i	-0.1076+0.0127i	0.5598+0.3148i	-0.0502-0.0062i	-0.1740+0.1114i
10.9	12.1850-1.1291i	14.9749-1.0217i	0.4542+0.0743i	0.1365-0.0249i	-0.1012+0.0174i	0.5833+0.3061i	-0.0520-0.0033i	-0.1710+0.1001i
11.0	12.4406-1.0500i	15.3148-1.0083i	0.4421+0.0438i	0.1363-0.0231i	-0.0963+0.0158i	0.6009+0.3059i	-0.0516-0.0052i	-0.1702+0.1030i
11.1	12.8130-0.9890i	15.8068-1.0051i	0.4327+0.0424i	0.1410-0.0203i	-0.0928+0.0227i	0.6276+0.3208i	-0.0526-0.0039i	-0.1733+0.1189i
11.2	13.1904-0.9217i	16.2586-0.9786i	0.4011+0.0616i	0.1400-0.0171i	-0.0890+0.0265i	0.6563+0.3044i	-0.0579+0.0011i	-0.1545+0.1145i
11.3	13.6669-0.8995i	16.8468-0.9773i	0.4122+0.0719i	0.1421-0.0190i	-0.0891+0.0274i	0.6693+0.2743i	-0.0551-0.0011i	-0.1483+0.1078i
11.4	14.0732-0.7969i	17.3563-0.9011i	0.4110+0.0618i	0.1465-0.0275i	-0.0843+0.0229i	0.6736+0.2552i	-0.0541-0.0020i	-0.1550+0.0943i
11.5	14.5595-0.7668i	17.9647-0.8913i	0.4221+0.0549i	0.1454-0.0202i	-0.0801+0.0228i	0.6785+0.2537i	-0.0542-0.0038i	-0.1682+0.0954i
11.6	15.0330-0.7710i	18.5610-0.9263i	0.4283+0.0520i	0.1452-0.0118i	-0.0803+0.0243i	0.6882+0.2428i	-0.0545-0.0058i	-0.1691+0.0966i
11.7	15.6804-0.6972i	19.3405-0.9227i	0.4304+0.0450i	0.1529-0.0184i	-0.0773+0.0221i	0.6843+0.2281i	-0.0593-0.0044i	-0.1859+0.0981i
11.8	16.3847-0.4376i	20.1880-0.7358i	0.4344+0.0351i	0.1484-0.0115i	-0.0768+0.0128i	0.6832+0.2159i	-0.0657-0.0096i	-0.1966+0.0941i
11.9	17.0443-0.2680i	20.9248-0.6080i	0.4373+0.0526i	0.1522-0.0108i	-0.0720+0.0131i	0.6804+0.2058i	-0.0698-0.0077i	-0.2044+0.0985i

12.0	17.8316-0.2907i	21.7693-0.6848i	0.3928+0.0300i	0.1580-0.0128i	-0.0741+0.0131i	0.6743+0.1987i	-0.0762-0.0053i	-0.2215+0.1081i
12.1	18.8850-0.3440i	22.9005-0.7531i	0.3778+0.0286i	0.1675-0.0102i	-0.0781+0.0136i	0.6591+0.2026i	-0.0803-0.0034i	-0.2470+0.1215i
12.2	19.9202-0.5939i	24.0676-0.9886i	0.3839+0.0418i	0.1706-0.0131i	-0.0733+0.0128i	0.6412+0.2126i	-0.0908-0.0019i	-0.2718+0.1406i
12.3	20.7077-0.7428i	24.9739-1.1219i	0.3646+0.0285i	0.1693-0.0133i	-0.0741+0.0109i	0.6301+0.2147i	-0.0995-0.0044i	-0.2876+0.1563i
12.4	21.6850-0.8870i	26.1329-1.2482i	0.3734+0.0374i	0.1692-0.0075i	-0.0767+0.0073i	0.6129+0.2238i	-0.1106-0.0022i	-0.3145+0.1866i
12.5	22.5993-1.1188i	27.2480-1.5051i	0.4163+0.0655i	0.1668-0.0023i	-0.0707+0.0104i	0.6049+0.2435i	-0.1202+0.0033i	-0.3297+0.2285i
12.6	23.7035-1.3552i	28.5585-1.7410i	0.3771+0.0952i	0.1685+0.0149i	-0.0738+0.0036i	0.5816+0.2849i	-0.1256+0.0194i	-0.3430+0.2815i
12.7	24.6865-1.8006i	29.7454-2.2368i	0.3561+0.0924i	0.1729+0.0249i	-0.0772+0.0040i	0.5789+0.3342i	-0.1273+0.0345i	-0.3412+0.3454i
12.8	25.6005-2.3652i	30.8441-2.8908i	0.3674+0.0826i	0.1825+0.0362i	-0.0805+0.0026i	0.6002+0.3908i	-0.1248+0.0479i	-0.3091+0.4248i
12.9	26.5016-2.8786i	31.9448-3.4783i	0.3702+0.1041i	0.1984+0.0504i	-0.0816+0.0020i	0.6391+0.4374i	-0.1183+0.0637i	-0.2491+0.4978i
13.0	27.4417-3.1378i	33.1019-3.7820i	0.3765+0.0396i	0.2209+0.0376i	-0.0791-0.0009i	0.7131+0.4793i	-0.1149+0.0585i	-0.1506+0.5552i
13.1	28.2202-3.2800i	34.0447-3.9181i	0.3606-0.0004i	0.2432+0.0286i	-0.0806+0.0005i	0.7920+0.4840i	-0.1124+0.0528i	-0.0382+0.5466i
13.2	29.3966-3.4261i	35.4618-4.0668i	0.2677-0.0071i	0.2364+0.0219i	-0.0864+0.0012i	0.8557+0.4602i	-0.1238+0.0464i	0.0489+0.4856i
13.3	30.7744-3.6098i	37.1432-4.3032i	0.2137-0.0280i	0.2267+0.0165i	-0.0859+0.0046i	0.8936+0.4297i	-0.1424+0.0513i	0.0904+0.4331i
13.4	32.2578-4.0219i	38.9573-4.7713i	0.1285-0.0400i	0.2174+0.0213i	-0.0825-0.0021i	0.9125+0.3988i	-0.1680+0.0607i	0.1028+0.3756i
13.5	33.7598-4.1742i	40.7732-4.9141i	0.0741-0.0253i	0.2052+0.0276i	-0.0791-0.0111i	0.9219+0.3793i	-0.2035+0.0728i	0.1213+0.3196i
13.6	35.5034-4.4506i	42.8939-5.2403i	0.0061+0.0273i	0.1974+0.0496i	-0.0803-0.0132i	0.9264+0.3735i	-0.2312+0.0989i	0.1164+0.2642i
13.7	37.7163-5.1280i	45.5840-6.0378i	-0.1351+0.0468i	0.1841+0.0904i	-0.0838-0.0229i	0.9453+0.3856i	-0.2562+0.1462i	0.0794+0.2049i
13.8	39.7794-5.3283i	48.0766-6.2793i	-0.2809+0.1143i	0.1727+0.1430i	-0.0904-0.0325i	0.9885+0.3894i	-0.2718+0.1933i	0.0348+0.1534i
13.9	41.8985-5.9833i	50.6629-7.0670i	-0.4299+0.3416i	0.1945+0.1926i	-0.1090-0.0386i	1.0541+0.3449i	-0.2559+0.2415i	-0.0181+0.1626i
14.0	44.4986-7.3000i	53.8448-8.6376i	-0.6269+0.6068i	0.2126+0.2542i	-0.1256-0.0444i	1.0766+0.2865i	-0.2569+0.3097i	-0.0573+0.2173i
14.1	46.7261-8.5710i	56.5625-10.1648i	-0.6072+0.9136i	0.2596+0.3258i	-0.1367-0.0403i	1.0682+0.2568i	-0.2394+0.3641i	-0.0638+0.2564i
14.2	50.0796-9.9696i	60.5993-11.8439i	-0.6089+1.2062i	0.3266+0.3957i	-0.1483-0.0396i	1.0587+0.2326i	-0.2134+0.4236i	-0.0557+0.2817i
14.3	53.1148-11.7322i	64.2637-13.9477i	-0.5454+1.4579i	0.3996+0.4432i	-0.1554-0.0312i	1.0541+0.2181i	-0.1853+0.4733i	-0.0466+0.3066i
14.4	56.2118-13.8308i	68.0322-16.4817i	-0.4258+1.7257i	0.4913+0.5062i	-0.1702-0.0259i	1.0477+0.1994i	-0.1494+0.5368i	-0.0395+0.3256i
14.5	59.2683-16.3644i	71.7825-19.5216i	-0.4187+1.9699i	0.5654+0.5720i	-0.1912-0.0221i	1.0452+0.1816i	-0.1154+0.6172i	-0.0288+0.3419i
14.6	63.4958-20.1815i	76.9252-24.0848i	-0.4286+2.4793i	0.6748+0.7167i	-0.2044-0.0200i	1.0597+0.1901i	-0.0695+0.7630i	-0.0296+0.3916i
14.7	66.2023-24.2910i	80.2494-29.0384i	-0.1124+3.0946i	0.8798+0.9025i	-0.2178-0.0149i	1.0687+0.1902i	0.0584+0.9433i	0.0069+0.4572i
14.8	67.1805-28.5774i	81.5317-34.2363i	0.9210+3.3961i	1.3789+0.9554i	-0.2428-0.0019i	1.0713+0.1832i	0.4388+1.0359i	0.1261+0.4777i
14.9	68.0509-29.8010i	82.6397-35.7245i	1.5961+3.1665i	1.8202+0.8095i	-0.2590+0.0183i	1.0772+0.1511i	0.7899+0.9359i	0.2174+0.4418i
15.0	72.0234-29.0161i	87.4784-34.8120i	1.9815+2.4732i	2.1726+0.4886i	-0.2664+0.0298i	1.0373+0.1476i	1.0300+0.6807i	0.2641+0.3436i
15.1	81.0739-28.7200i	98.4470-34.5002i	2.0472+1.9928i	2.4624+0.1332i	-0.2888+0.0387i	1.0195+0.1948i	1.1759+0.3811i	0.2744+0.2421i
15.2	92.7803-33.6754i	112.5438-40.4873i	1.6455+1.5670i	2.6089-0.2704i	-0.3065+0.0601i	1.0580+0.2041i	1.1884+0.1237i	0.2605+0.1777i
15.3	104.6132-41.0978i	126.8903-49.4859i	1.1782+1.3366i	2.6937-0.6345i	-0.3223+0.0861i	1.0878+0.2215i	1.1474-0.0743i	0.2120+0.1315i
15.4	124.7910-57.1398i	151.3145-68.8589i	0.0151+1.4808i	2.8616-1.1689i	-0.3679+0.1102i	1.1009+0.2567i	1.1084-0.3499i	0.1206+0.0945i
15.5	139.1573-76.6577i	168.6781-92.4139i	-1.0577+2.2528i	2.9236-1.6400i	-0.4066+0.1418i	1.1328+0.2809i	1.0451-0.5418i	0.0567+0.0798i
15.6	153.1093-110.3282i	185.5562-133.0998i	-1.7953+4.1048i	2.9211-2.2938i	-0.4497+0.2194i	1.1797+0.2957i	0.9389-0.7504i	-0.0151+0.0915i
15.7	147.5941-173.0379i	179.0463-208.8738i	-1.3538+6.8748i	2.5154-3.4086i	-0.4782+0.3437i	1.2693+0.3115i	0.6726-1.0450i	-0.0920+0.1563i
15.8	101.1440-223.8928i	123.0212-270.2733i	1.0746+9.7042i	1.4174-4.0851i	-0.4371+0.4535i	1.3783+0.2721i	0.2780-1.1377i	-0.1336+0.2966i
15.9	19.4290-245.3995i	24.4442-296.1977i	5.4423+9.9826i	-0.1469-4.0828i	-0.3314+0.5815i	1.4880+0.1720i	-0.2015-0.9864i	-0.1084+0.4297i
16.0	-41.9101-225.8766i	-49.5159-272.8149i	8.5696+8.3348i	-1.1440-3.4598i	-0.2082+0.6681i	1.5060+0.0722i	-0.4500-0.7021i	-0.0084+0.5131i
16.1	-71.5542-183.5081i	-85.2340-221.9652i	9.5279+6.2778i	-1.4619-2.5711i	-0.0222+0.6889i	1.4947-0.0276i	-0.4546-0.3960i	0.1435+0.5433i
16.2	-83.1167-148.6001i	-99.2020-180.0622i	8.7509+5.0071i	-1.5172-1.9020i	0.0976+0.6347i	1.4996-0.0861i	-0.3996-0.1844i	0.2141+0.5147i
16.3	-80.0010-126.6084i	-95.5412-153.6602i	7.7283+5.2998i	-1.3669-1.5250i	0.1604+0.5506i	1.5044-0.1245i	-0.3046-0.0774i	0.2357+0.4742i
16.4	-72.4871-110.0317i	-86.6251-133.7721i	7.9489+7.3450i	-1.1596-1.2183i	0.2094+0.4990i	1.4842-0.1827i	-0.2022+0.0081i	0.2613+0.4703i
16.5	-66.9633-103.3458i	-80.0458-125.8134i	10.1005+9.9941i	-0.9718-1.0834i	0.2297+0.4742i	1.4761-0.2341i	-0.1034+0.0391i	0.3194+0.4998i
16.6	-65.7582-98.7137i	-78.6468-120.3294i	16.0381+12.8231i	-0.7441-0.9941i	0.2723+0.4538i	1.4805-0.3056i	0.0821+0.0548i	0.4521+0.5325i
16.7	-68.1537-98.3069i	-81.7385-119.9466i	22.7907+9.7976i	-0.7104-1.1757i	0.3419+0.4489i	1.4300-0.3697i	0.1381-0.1030i	0.5782+0.4483i
16.8	-76.9218-94.0730i	-92.6413-114.8560i	29.4671+3.4955i	-0.8901-1.3044i	0.4670+0.4102i	1.3412-0.4431i	0.0726-0.2712i	0.6938+0.3160i
16.9	-81.2803-77.0227i	-98.0493-94.0905i	30.4985-3.3585i	-1.1942-1.0413i	0.5628+0.2917i	1.2529-0.4343i	-0.1538-0.2317i	0.7055+0.1871i
17.0	-76.9191-72.4790i	-92.7924-88.5402i	32.6295-9.6187i	-1.1775-0.8910i	0.5952+0.1741i	1.2169-0.4255i	-0.1835-0.1424i	0.7188+0.0765i
17.1	-78.0180-70.1175i	-94.2651-85.5449i	32.6778-22.7705i	-1.1330-0.6460i	0.6108-0.0259i	1.1701-0.4067i	-0.1180+0.0066i	0.7118-0.1165i
17.2	-84.4906-59.8296i	-102.1429-72.8312i	18.7958-37.0448i	-0.9430-0.5055i	0.4535-0.2524i	1.1339-0.3468i	0.0730-0.0533i	0.5387-0.3619i
17.3	-82.7243-47.2711i	-99.8290-57.5162i	1.7305-34.8062i	-0.8544-0.5267i	0.2432-0.2685i	1.1473-0.3010i	0.0662-0.2053i	0.2688-0.3676i
17.4	-75.8122-41.0090i	-91.3361-50.0053i	-2.3711-26.3765i	-0.8545-0.4869i	0.1820-0.2060i	1.1808-0.2964i	-0.0363-0.2259i	0.1793-0.2454i
17.5	-70.2764-36.9575i	-84.5496-45.1582i	-4.2649-22.3761i	-0.7828-0.4124i	0.1236-0.1927i	1.2097-0.3046i	-0.0723-0.1953i	0.1393-0.1837i
17.6	-66.2765-34.6012i	-79.6410-42.3805i	-6.5446-19.4717i	-0.7023-0.3933i	0.0570-0.1675i	1.2361-0.3203i	-0.0787-0.1765i	0.1063-0.1420i
17.7	-62.2893-33.0434i	-74.7502-40.6014i	-7.4093-15.5480i	-0.6468-0.4363i	0.0238-0.1069i	1.2567-0.3396i	-0.0802-0.1855i	0.0880-0.0920i
17.8	-59.6105-32.8516i	-71.4824-40.4795i	-6.8780-13.3629i	-0.6554-0.4839i	0.0248-0.0680i	1.2710-0.3723i	-0.1060-0.2008i	0.0842-0.0627i
17.9	-58.0654-33.2367i	-69.6862-41.0705i	-6.6822-11.8588i	-0.7100-0.5040i	0.0285-0.0417i	1.2513-0.4141i	-0.1627-0.2052i	0.0871-0.0326i
18.0	-58.6042-32.3987i	-70.4268-40.1477i	-6.8043-10.3680i	-0.8062-0.4880i	0.0446-0.0177i	1.2131-0.4389i	-0.2376-0.1853i	0.0853-0.0084i
18.1	-58.3567-30.0879i	-70.2227-37.3622i	-6.3796-8.9505i	-0.8606-0.3771i	0.0623-0.0202i	1.1968-0.4325i	-0.2752-0.0980i	0.0900+0.0144i
18.2	-58.3721-27.5958i	-70.3108-34.3779i	-5.8856-8.0783i	-0.9310-0.2590i	0.0868-0.0272i	1.1901-0.4248i	-0.3138-0.0122i	0.0958+0.0385i

18.3	-57.8639-25.0882i	-69.6860-31.3409i	-5.5821-7.4175i	-0.9162-0.1217i	0.0925-0.0417i	1.1860-0.4090i	-0.2949+0.0740i	0.1059+0.0547i
18.4	-55.8364-22.8369i	-67.2818-28.6238i	-5.4654-7.1759i	-0.7829+0.0157i	0.0749-0.0666i	1.2033-0.3919i	-0.2069+0.1454i	0.1258+0.0645i
18.5	-53.2406-21.0713i	-64.1530-26.5292i	-5.3733-7.2763i	-0.5836+0.1180i	0.0489-0.0931i	1.2632-0.4029i	-0.0736+0.1938i	0.1482+0.0765i
18.6	-51.6573-20.5740i	-62.2353-25.9990i	-6.2646-7.4436i	-0.3447+0.0508i	0.0001-0.1051i	1.2950-0.4353i	0.0842+0.1232i	0.1694+0.0611i
18.7	-51.3715-20.4136i	-61.9731-25.9004i	-7.0728-6.0607i	-0.3581-0.2057i	-0.0292-0.0584i	1.2666-0.4931i	0.0366-0.0520i	0.1568+0.0349i
18.8	-51.3227-19.2185i	-62.0037-24.5249i	-6.7721-4.9410i	-0.4577-0.2347i	-0.0249-0.0386i	1.2468-0.5093i	-0.0401-0.0600i	0.1437+0.0347i
18.9	-50.8140-17.7741i	-61.5154-22.7773i	-6.5261-4.1398i	-0.4915-0.2209i	-0.0216-0.0275i	1.2441-0.5041i	-0.0652-0.0505i	0.1438+0.0355i
19.0	-50.3275-16.1030i	-61.0593-20.7686i	-6.3121-3.7049i	-0.5298-0.1906i	-0.0168-0.0227i	1.2511-0.4960i	-0.0888-0.0426i	0.1450+0.0350i
19.1	-49.0549-14.1425i	-59.6404-18.3184i	-5.9264-3.0621i	-0.5355-0.1756i	-0.0245-0.0130i	1.2757-0.4965i	-0.1011-0.0471i	0.1391+0.0461i
19.2	-47.6858-12.7897i	-58.0904-16.6119i	-5.5229-2.6595i	-0.5398-0.1418i	-0.0226-0.0091i	1.2998-0.4954i	-0.1155-0.0325i	0.1367+0.0519i
19.3	-46.1536-11.5895i	-56.3049-15.0748i	-5.1174-2.3634i	-0.5533-0.0930i	-0.0212-0.0059i	1.3462-0.5194i	-0.1344-0.0034i	0.1368+0.0591i
19.4	-44.5511-10.7542i	-54.3604-13.9996i	-4.8484-2.1639i	-0.5513-0.0525i	-0.0211-0.0026i	1.3937-0.5604i	-0.1548+0.0175i	0.1474+0.0708i
19.5	-43.1933-10.0389i	-52.7627-13.0757i	-4.5278-2.0555i	-0.5388-0.0054i	-0.0155+0.0026i	1.4060-0.6280i	-0.1574+0.0432i	0.1536+0.0815i
19.6	-42.0652-9.6027i	-51.3933-12.5234i	-4.1764-2.1687i	-0.5368+0.0705i	-0.0137-0.0041i	1.4333-0.7127i	-0.1645+0.1010i	0.1677+0.0962i
19.7	-41.0129-9.2020i	-50.1190-11.9759i	-4.0153-2.1642i	-0.5045+0.1187i	-0.0122-0.0008i	1.4238-0.7966i	-0.1515+0.1391i	0.1808+0.1071i
19.8	-40.1526-8.9176i	-49.1118-11.5906i	-4.0903-2.1626i	-0.4162+0.1801i	-0.0210-0.0028i	1.3648-0.8775i	-0.1012+0.1844i	0.2073+0.1129i
19.9	-39.4103-8.5820i	-48.2191-11.1324i	-4.1089-2.0770i	-0.3332+0.1974i	-0.0230-0.0004i	1.3021-0.8871i	-0.0434+0.2005i	0.2444+0.1018i
20.0	-38.5273-8.1536i	-47.1391-10.5582i	-4.1603-1.8711i	-0.2363+0.1663i	-0.0305+0.0069i	1.2739-0.8810i	0.0191+0.1756i	0.2768+0.0839i
20.1	-37.7374-7.7112i	-46.1781-9.9906i	-4.0529-1.6517i	-0.1988+0.1282i	-0.0279+0.0166i	1.2466-0.8970i	0.0485+0.1421i	0.2956+0.0659i
20.2	-36.8500-7.2104i	-45.0717-9.3338i	-3.9141-1.3041i	-0.1670+0.0424i	-0.0232+0.0330i	1.2092-0.9013i	0.0657+0.0837i	0.3092+0.0308i
20.3	-36.2078-7.0623i	-44.2592-9.1374i	-3.7064-1.2051i	-0.1926+0.0083i	-0.0106+0.0356i	1.2167-0.8980i	0.0430+0.0569i	0.3152+0.0040i
20.4	-35.3443-6.7113i	-43.2082-8.6982i	-3.4776-1.0690i	-0.2072+0.0194i	0.0020+0.0282i	1.2300-0.9113i	0.0230+0.0630i	0.3156-0.0162i
20.5	-34.4387-6.3758i	-42.0928-8.2485i	-3.2947-1.0790i	-0.2044+0.0432i	0.0047+0.0186i	1.2430-0.9137i	0.0174+0.0814i	0.3185-0.0201i
20.6	-33.6982-6.2402i	-41.1838-8.0741i	-3.2723-0.9648i	-0.1650+0.0250i	-0.0017+0.0200i	1.2604-0.9347i	0.0321+0.0644i	0.3179-0.0457i
20.7	-33.0294-6.0442i	-40.3380-7.8241i	-3.1778-0.8836i	-0.1383+0.0074i	-0.0003+0.0169i	1.2767-0.9289i	0.0503+0.0558i	0.3126-0.0671i
20.8	-32.3827-5.8391i	-39.5315-7.5757i	-3.0214-0.7969i	-0.1507-0.0205i	0.0038+0.0163i	1.2771-0.9578i	0.0394+0.0320i	0.3162-0.0865i
20.9	-31.8283-5.7728i	-38.8553-7.5191i	-2.8726-0.8091i	-0.1738-0.0289i	0.0126+0.0149i	1.2801-1.0434i	0.0179+0.0302i	0.3103-0.1034i
21.0	-31.2108-5.7319i	-38.0782-7.4811i	-2.7791-0.8333i	-0.1630-0.0064i	0.0065+0.0106i	1.3247-1.1274i	0.0227+0.0435i	0.3188-0.1072i
21.1	-30.5313-5.6276i	-37.2548-7.3783i	-2.6783-0.8165i	-0.1457-0.0201i	0.0026+0.0105i	1.3138-1.2035i	0.0327+0.0313i	0.3211-0.1385i
21.2	-30.1780-5.6213i	-36.8122-7.3776i	-2.6616-0.8089i	-0.1277-0.0171i	-0.0026+0.0080i	1.2780-1.2721i	0.0414+0.0399i	0.3158-0.1667i
21.3	-29.6975-5.6766i	-36.1870-7.4812i	-2.5701-0.8272i	-0.1165-0.0203i	-0.0005+0.0102i	1.2615-1.4093i	0.0526+0.0394i	0.3364-0.2204i
21.4	-29.2413-5.6157i	-35.6200-7.4419i	-2.5165-0.8580i	-0.1111-0.0325i	0.0045+0.0098i	1.2092-1.4836i	0.0526+0.0274i	0.3299-0.2632i
21.5	-28.8751-5.6317i	-35.1833-7.4811i	-2.4510-0.8475i	-0.0957-0.0488i	0.0051+0.0086i	1.1291-1.5498i	0.0581+0.0076i	0.2999-0.3124i
21.6	-28.4041-5.5779i	-34.6119-7.4301i	-2.3669-0.7901i	-0.0889-0.0813i	0.0039+0.0152i	1.1193-1.6228i	0.0590-0.0132i	0.2794-0.3579i
21.7	-28.0662-5.4290i	-34.2427-7.2544i	-2.3325-0.7915i	-0.1050-0.0543i	-0.0014+0.0053i	1.0297-1.6115i	0.0413-0.0034i	0.2064-0.3603i
21.8	-27.7076-5.4105i	-33.8523-7.2513i	-2.2873-0.7983i	-0.1170-0.0586i	0.0019-0.0001i	0.9027-1.6772i	0.0322+0.0005i	0.1355-0.3788i
21.9	-27.4365-5.4431i	-33.5433-7.2986i	-2.2901-0.7988i	-0.1038-0.0725i	-0.0002-0.0015i	0.8399-1.7196i	0.0380-0.0030i	0.1001-0.3896i
22.0	-27.1868-5.3658i	-33.2664-7.2132i	-2.3310-0.7819i	-0.0820-0.0747i	-0.0106-0.0105i	0.7444-1.7149i	0.0513-0.0005i	0.0378-0.3875i
22.1	-26.8780-5.1184i	-32.9268-6.8871i	-2.3487-0.7166i	-0.0803-0.0768i	-0.0194-0.0081i	0.6785-1.6472i	0.0493-0.0056i	-0.0145-0.3446i
22.2	-26.6434-5.0364i	-32.6281-6.7797i	-2.2968-0.7006i	-0.0776-0.0766i	-0.0227-0.0093i	0.6672-1.6282i	0.0489-0.0053i	-0.0420-0.3100i
22.3	-26.3342-4.8696i	-32.2603-6.5604i	-2.2241-0.6614i	-0.0855-0.0832i	-0.0292-0.0094i	0.5763-1.6070i	0.0500-0.0032i	-0.0865-0.2731i
22.4	-26.0269-4.9277i	-31.9047-6.6252i	-2.1849-0.6195i	-0.0934-0.1030i	-0.0255+0.0039i	0.5896-1.6172i	0.0352-0.0212i	-0.1001-0.2412i
22.5	-25.6212-4.8555i	-31.3927-6.5703i	-2.1510-0.6407i	-0.1051-0.1067i	-0.0275+0.0057i	0.6334-1.7062i	0.0190-0.0273i	-0.1044-0.2051i
22.6	-25.3318-4.6818i	-31.0464-6.3400i	-2.1511-0.6162i	-0.0897-0.0724i	-0.0427-0.0004i	0.5916-1.7082i	0.0304-0.0068i	-0.1076-0.1633i
22.7	-25.0468-4.7366i	-30.6612-6.4292i	-2.0901-0.6342i	-0.0741-0.0614i	-0.0499+0.0118i	0.5606-1.7929i	0.0360-0.0047i	-0.0910-0.1386i
22.8	-24.8321-4.7501i	-30.4291-6.4468i	-2.0667-0.5902i	-0.0809-0.0827i	-0.0464+0.0189i	0.4328-1.8942i	0.0225-0.0128i	-0.0928-0.1316i
22.9	-24.5225-4.8352i	-30.0461-6.6251i	-2.0466-0.5690i	-0.0775-0.1059i	-0.0464+0.0359i	0.3625-2.0654i	0.0178-0.0237i	-0.0776-0.1180i
23.0	-24.3907-4.8833i	-29.9788-6.7684i	-2.1116-0.5488i	-0.0745-0.1303i	-0.0401+0.0577i	0.1125-2.3559i	0.0207-0.0352i	-0.0689-0.1192i
23.1	-24.2021-4.7660i	-29.7982-6.5775i	-2.0628-0.5556i	-0.0881-0.1032i	-0.0306+0.0526i	-0.1237-2.2926i	0.0178-0.0095i	-0.0767-0.0875i
23.2	-24.2107-4.7026i	-29.8704-6.4951i	-2.0392-0.5684i	-0.1010-0.0988i	-0.0125+0.0569i	-0.4671-2.2337i	0.0197-0.0053i	-0.0670-0.0853i
23.3	-24.1857-4.5838i	-29.9859-6.3263i	-2.0782-0.5018i	-0.1036-0.1058i	0.0093+0.0588i	-0.9488-2.1365i	0.0145-0.0051i	-0.0478-0.0871i
23.4	-24.0071-4.4325i	-29.8070-6.1142i	-2.0473-0.4667i	-0.1086-0.0907i	0.0173+0.0523i	-1.1009-1.9649i	0.0099+0.0052i	-0.0356-0.0818i
23.5	-23.8123-4.2596i	-29.5563-5.8509i	-2.0031-0.4216i	-0.0986-0.0974i	0.0188+0.0521i	-1.1477-1.7561i	0.0118+0.0046i	-0.0262-0.0724i
23.6	-23.6148-3.9815i	-29.3107-5.3653i	-1.9532-0.3227i	-0.0914-0.0999i	0.0204+0.0379i	-1.2190-1.3328i	0.0140-0.0010i	-0.0269-0.0816i
23.7	-23.3775-3.8087i	-28.9787-5.0862i	-1.9298-0.2756i	-0.0795-0.1046i	0.0160+0.0336i	-1.1886-1.0724i	0.0231+0.0008i	-0.0183-0.0836i
23.8	-23.0344-3.6483i	-28.5758-4.8694i	-1.9076-0.2851i	-0.0784-0.1041i	0.0214+0.0259i	-1.1710-0.8708i	0.0286+0.0030i	-0.0152-0.0842i
23.9	-22.7935-3.6230i	-28.2466-4.8084i	-1.8671-0.2686i	-0.0725-0.1091i	0.0156+0.0183i	-1.0616-0.7314i	0.0319+0.0027i	-0.0214-0.0798i
24.0	-22.4970-3.5500i	-27.8384-4.6777i	-1.8152-0.2408i	-0.0722-0.1062i	0.0131+0.0207i	-0.9831-0.6198i	0.0280-0.0057i	-0.0108-0.0819i
24.1	-22.1976-3.5254i	-27.4504-4.6613i	-1.7452-0.2637i	-0.0910-0.1063i	0.0125+0.0200i	-0.8880-0.5650i	0.0145-0.0090i	-0.0091-0.0780i
24.2	-21.8835-3.4592i	-27.0275-4.5424i	-1.6842-0.2367i	-0.0986-0.1002i	0.0142+0.0161i	-0.8087-0.4392i	0.0090-0.0086i	-0.0184-0.0829i
24.3	-21.6756-3.3571i	-26.7500-4.4132i	-1.6945-0.2315i	-0.0768-0.0942i	0.0106+0.0117i	-0.7176-0.3319i	0.0267-0.0030i	-0.0168-0.0920i
24.4	-21.4973-3.3030i	-26.5105-4.3422i	-1.6734-0.2116i	-0.0795-0.0914i	0.0071+0.0115i	-0.6449-0.3032i	0.0254-0.0034i	-0.0238-0.0908i
24.5	-21.3098-3.2603i	-26.2205-4.2995i	-1.6008-0.2245i	-0.0998-0.0955i	0.0112+0.0108i	-0.5932-0.2738i	0.0179-0.0004i	-0.0312-0.0936i

24.6	-21.0577-3.2588i	-25.9149-4.2939i	-1.5554-0.2618i	-0.0954-0.0767i	0.0151+0.0090i	-0.5153-0.2027i	0.0176+0.0090i	-0.0313-0.1042i
24.7	-20.8445-3.3320i	-25.6758-4.3689i	-1.5402-0.2571i	-0.0732-0.0845i	0.0143+0.0143i	-0.4346-0.2160i	0.0240+0.0028i	-0.0356-0.0985i
24.8	-20.6635-3.2545i	-25.4272-4.2811i	-1.5324-0.2577i	-0.0829-0.0809i	0.0081+0.0020i	-0.3978-0.1984i	0.0296+0.0085i	-0.0402-0.0868i
24.9	-20.5188-3.2145i	-25.1779-4.1989i	-1.5096-0.2390i	-0.0809-0.0863i	0.0048-0.0023i	-0.3571-0.1881i	0.0325+0.0059i	-0.0519-0.0719i
25.0	-20.4047-3.1151i	-24.9931-4.0834i	-1.4705-0.2434i	-0.0797-0.0820i	0.0013-0.0050i	-0.3351-0.1890i	0.0338-0.0022i	-0.0503-0.0587i
25.1	-20.1913-3.1000i	-24.7348-4.0527i	-1.4726-0.2445i	-0.0702-0.0865i	-0.0044-0.0018i	-0.2971-0.1883i	0.0397-0.0056i	-0.0489-0.0572i
25.2	-19.9787-3.0730i	-24.4761-4.0064i	-1.4548-0.2272i	-0.0558-0.0944i	-0.0026+0.0006i	-0.2582-0.1728i	0.0415-0.0110i	-0.0576-0.0575i
25.3	-19.8366-3.0910i	-24.2713-4.0265i	-1.4549-0.2119i	-0.0378-0.0982i	-0.0074+0.0035i	-0.2272-0.1636i	0.0494-0.0094i	-0.0502-0.0538i
25.4	-19.6365-3.0386i	-24.0199-3.9931i	-1.4529-0.2216i	-0.0326-0.1023i	-0.0135+0.0124i	-0.2039-0.1667i	0.0542-0.0094i	-0.0444-0.0556i
25.5	-19.5089-3.0169i	-23.8554-3.9569i	-1.4557-0.2224i	-0.0274-0.1129i	-0.0119+0.0130i	-0.1807-0.1668i	0.0513-0.0198i	-0.0452-0.0480i
25.6	-19.3218-2.9754i	-23.6008-3.9249i	-1.4385-0.1959i	-0.0329-0.1271i	-0.0127+0.0123i	-0.1499-0.1591i	0.0553-0.0319i	-0.0455-0.0447i
25.7	-19.1260-2.9729i	-23.3318-3.9372i	-1.3733-0.1769i	-0.0486-0.1423i	-0.0070+0.0197i	-0.1245-0.1486i	0.0559-0.0401i	-0.0449-0.0473i
25.8	-19.0163-2.9606i	-23.1743-3.9050i	-1.3353-0.1704i	-0.0556-0.1483i	-0.0025+0.0221i	-0.1129-0.1431i	0.0461-0.0481i	-0.0411-0.0471i
25.9	-18.8596-2.9231i	-22.9372-3.8673i	-1.3320-0.1762i	-0.0613-0.1490i	-0.0067+0.0217i	-0.0868-0.1364i	0.0341-0.0521i	-0.0414-0.0405i
26.0	-18.7087-2.8867i	-22.7299-3.8217i	-1.2849-0.1582i	-0.0935-0.1558i	-0.0040+0.0292i	-0.0602-0.1257i	0.0239-0.0496i	-0.0399-0.0435i
26.1	-18.6092-2.8712i	-22.5446-3.8214i	-1.2277-0.1686i	-0.1207-0.1523i	0.0055+0.0299i	-0.0412-0.1229i	0.0116-0.0479i	-0.0426-0.0455i
26.2	-18.3873-2.8777i	-22.2297-3.8435i	-1.2040-0.1905i	-0.1090-0.1346i	0.0117+0.0180i	-0.0210-0.1289i	0.0155-0.0505i	-0.0455-0.0381i
26.3	-18.2047-2.8835i	-21.9911-3.8533i	-1.1904-0.2247i	-0.1063-0.1225i	0.0069+0.0150i	-0.0006-0.1268i	0.0113-0.0516i	-0.0395-0.0302i
26.4	-18.1139-2.9258i	-21.8722-3.9035i	-1.1738-0.2305i	-0.1094-0.1356i	0.0083+0.0106i	0.0080-0.1318i	0.0033-0.0513i	-0.0381-0.0295i
26.5	-17.9381-2.9005i	-21.5950-3.9490i	-1.1654-0.2608i	-0.1053-0.1262i	0.0088+0.0057i	0.0371-0.1391i	0.0044-0.0546i	-0.0354-0.0245i
26.6	-17.7526-2.9360i	-21.3562-3.9730i	-1.1558-0.2733i	-0.1137-0.1262i	0.0128+0.0028i	0.0608-0.1351i	-0.0104-0.0635i	-0.0246-0.0239i
26.7	-17.6218-2.9473i	-21.2077-4.0465i	-1.1644-0.3076i	-0.1338-0.1271i	0.0047+0.0015i	0.0732-0.1386i	-0.0308-0.0709i	-0.0206-0.0280i
26.8	-17.5491-2.9911i	-21.1273-4.0946i	-1.2031-0.3054i	-0.1418-0.1253i	0.0003+0.0043i	0.0741-0.1427i	-0.0442-0.0541i	-0.0174-0.0346i
26.9	-17.4503-3.0100i	-20.9932-4.1196i	-1.2023-0.2694i	-0.1512-0.1208i	-0.0035+0.0182i	0.0842-0.1430i	-0.0578-0.0369i	-0.0100-0.0398i
27.0	-17.3746-3.0511i	-20.8503-4.2053i	-1.1789-0.2869i	-0.1543-0.0903i	-0.0067+0.0181i	0.1160-0.1414i	-0.0589-0.0132i	-0.0135-0.0414i
27.1	-17.2723-2.9762i	-20.6941-4.2320i	-1.1549-0.3183i	-0.1520-0.0763i	-0.0033+0.0162i	0.1479-0.1360i	-0.0588+0.0104i	-0.0180-0.0437i
27.2	-17.1570-3.0807i	-20.5264-4.3304i	-1.1458-0.3065i	-0.1483-0.0803i	-0.0027+0.0097i	0.1918-0.1475i	-0.0527+0.0154i	-0.0278-0.0551i
27.3	-17.1526-3.1689i	-20.4867-4.4229i	-1.1610-0.3241i	-0.1448-0.0730i	-0.0005+0.0148i	0.2221-0.1622i	-0.0406+0.0223i	-0.0329-0.0620i
27.4	-17.1012-3.1572i	-20.4376-4.4887i	-1.1678-0.3360i	-0.1272-0.0573i	0.0057+0.0217i	0.2571-0.1899i	-0.0289+0.0413i	-0.0422-0.0660i
27.5	-17.0787-3.1434i	-20.3962-4.5190i	-1.1560-0.3359i	-0.1207-0.0659i	0.0104+0.0132i	0.2774-0.2332i	-0.0196+0.0353i	-0.0525-0.0641i
27.6	-17.0566-3.1507i	-20.3649-4.5477i	-1.1572-0.3515i	-0.1231-0.0691i	0.0120+0.0126i	0.2941-0.3045i	-0.0106+0.0297i	-0.0640-0.0478i
27.7	-17.0384-3.1532i	-20.3607-4.5668i	-1.1613-0.3561i	-0.1248-0.0586i	0.0152+0.0118i	0.2820-0.3690i	-0.0095+0.0402i	-0.0707-0.0335i
27.8	-17.0270-3.1612i	-20.3804-4.5817i	-1.1922-0.3570i	-0.1244-0.0620i	0.0121+0.0143i	0.2497-0.4398i	-0.0068+0.0485i	-0.0695-0.0223i
27.9	-17.0677-3.1642i	-20.4656-4.5855i	-1.2287-0.3425i	-0.1090-0.0552i	0.0148+0.0151i	0.2024-0.4840i	0.0044+0.0537i	-0.0690-0.0197i
28.0	-17.1319-3.0966i	-20.5855-4.4999i	-1.2581-0.3308i	-0.1020-0.0489i	0.0160+0.0155i	0.1066-0.5178i	0.0192+0.0610i	-0.0622-0.0167i
28.1	-17.1037-2.9931i	-20.6115-4.3335i	-1.2621-0.3067i	-0.1057-0.0590i	0.0189+0.0095i	0.0210-0.5046i	0.0327+0.0477i	-0.0637-0.0108i
28.2	-17.1335-2.8866i	-20.6578-4.1434i	-1.2913-0.2759i	-0.0930-0.0521i	0.0260+0.0082i	-0.0527-0.4730i	0.0431+0.0279i	-0.0618-0.0075i
28.3	-17.1202-2.7655i	-20.6279-3.9682i	-1.2983-0.2478i	-0.1001-0.0525i	0.0308+0.0037i	-0.0937-0.4361i	0.0500+0.0235i	-0.0591-0.0032i
28.4	-17.1096-2.5422i	-20.5285-3.6739i	-1.2738-0.2247i	-0.1191-0.0392i	0.0246-0.0090i	-0.1277-0.3793i	0.0390+0.0220i	-0.0510-0.0006i
28.5	-16.9806-2.3791i	-20.3280-3.4562i	-1.2769-0.1990i	-0.1208-0.0442i	0.0159-0.0092i	-0.1326-0.3152i	0.0312+0.0155i	-0.0481-0.0018i
28.6	-16.9060-2.2643i	-20.1612-3.2784i	-1.2550-0.1703i	-0.1182-0.0546i	0.0159-0.0106i	-0.1356-0.2689i	0.0295+0.0057i	-0.0425-0.0021i
28.7	-16.8451-2.1167i	-20.0168-3.0692i	-1.2198-0.1360i	-0.1277-0.0585i	0.0169-0.0123i	-0.1356-0.2215i	0.0293+0.0044i	-0.0441-0.0028i
28.8	-16.7024-2.0384i	-19.7950-2.9276i	-1.2034-0.1267i	-0.1257-0.0542i	0.0098-0.0142i	-0.1140-0.1827i	0.0368+0.0009i	-0.0458-0.0011i
28.9	-16.5452-2.0004i	-19.5786-2.8236i	-1.1893-0.0818i	-0.1121-0.0477i	0.0047-0.0095i	-0.0964-0.1583i	0.0413+0.0044i	-0.0409-0.0006i
29.0	-16.4253-1.9490i	-19.4168-2.7357i	-1.1819-0.0673i	-0.0946-0.0521i	0.0102-0.0133i	-0.0910-0.1361i	0.0383+0.0104i	-0.0409-0.0040i
29.1	-16.3196-1.9007i	-19.2043-2.6083i	-1.1114-0.0644i	-0.1057-0.0469i	0.0086-0.0154i	-0.0785-0.1159i	0.0361+0.0057i	-0.0366-0.0067i
29.2	-16.2281-1.8071i	-18.9904-2.5363i	-1.0984-0.0775i	-0.1267-0.0492i	0.0006-0.0167i	-0.0666-0.1053i	0.0327+0.0060i	-0.0348-0.0099i
29.3	-16.1530-1.7543i	-18.7681-2.5285i	-1.0972-0.0824i	-0.1311-0.0298i	0.0045-0.0160i	-0.0455-0.0896i	0.0379+0.0024i	-0.0374-0.0124i
29.4	-16.0731-1.7222i	-18.6243-2.4673i	-1.0920-0.0869i	-0.1282-0.0315i	-0.0018-0.0169i	-0.0344-0.0714i	0.0349-0.0116i	-0.0420-0.0034i
29.5	-15.9394-1.7007i	-18.3909-2.4254i	-1.0545-0.0885i	-0.1408-0.0430i	-0.0015-0.0039i	-0.0233-0.0720i	0.0161-0.0034i	-0.0406-0.0026i
29.6	-15.9319-1.6109i	-18.1997-2.3792i	-1.0281-0.0774i	-0.1562-0.0417i	0.0061-0.0106i	-0.0097-0.0795i	0.0237-0.0100i	-0.0404-0.0024i
29.7	-15.8564-1.5639i	-18.0789-2.3129i	-1.0294-0.0736i	-0.1534-0.0269i	0.0119-0.0134i	0.0048-0.0749i	0.0338-0.0032i	-0.0423+0.0015i
29.8	-15.7632-1.6604i	-17.8625-2.2798i	-1.0017-0.0674i	-0.1824-0.0566i	0.0113-0.0132i	0.0193-0.0502i	0.0372-0.0145i	-0.0537+0.0061i
29.9	-15.6995-1.6382i	-17.7127-2.2333i	-0.9819-0.0739i	-0.1699-0.0797i	0.0148-0.0025i	0.0248-0.0290i	0.0455-0.0248i	-0.0515-0.0088i
30.0	-15.7383-1.5867i	-17.5630-2.2108i	-0.9925-0.0814i	-0.1622-0.0635i	0.0034+0.0060i	0.0328-0.0315i	0.0334+0.0053i	-0.0307-0.0223i
30.1	-15.6434-1.5548i	-17.3241-2.1921i	-0.9716-0.0894i	-0.1826-0.0162i	-0.0089-0.0049i	0.0436-0.0299i	0.0216+0.0154i	-0.0326-0.0054i
30.2	-15.5619-1.5618i	-17.1865-2.1481i	-0.9508-0.0966i	-0.1964-0.0320i	-0.0093-0.0071i	0.0430-0.0161i	0.0211+0.0063i	-0.0354-0.0002i
30.3	-15.5742-1.4159i	-17.0690-2.0880i	-0.9481-0.1127i	-0.2117-0.0441i	0.0007-0.0101i	0.0428-0.0097i	0.0221-0.0096i	-0.0376+0.0080i
30.4	-15.5774-1.3045i	-16.9017-2.0315i	-0.9280-0.1006i	-0.2326-0.0021i	0.0101-0.0133i	0.0436-0.0048i	0.0321-0.0038i	-0.0496+0.0087i
30.5	-15.6167-1.3414i	-16.7415-2.0131i	-0.9469-0.1038i	-0.2459+0.0081i	0.0023-0.0048i	0.0574+0.0064i	0.0393+0.0118i	-0.0461-0.0039i
30.6	-15.5355-1.3233i	-16.6207-2.0413i	-0.9583-0.1006i	-0.2625+0.0044i	0.0068+0.0065i	0.0752+0.0126i	0.0483+0.0168i	-0.0489-0.0097i
30.7	-15.5881-1.2018i	-16.4638-1.9954i	-0.9439-0.0870i	-0.2600+0.0291i	0.0096+0.0105i	0.0723+0.0200i	0.0420+0.0376i	-0.0555-0.0194i
30.8	-15.7619-1.2039i	-16.3268-1.9459i	-0.9270-0.0882i	-0.2407+0.0394i	-0.0002+0.0052i	0.0636+0.0215i	0.0293+0.0312i	-0.0402-0.0080i

30.9	-15.7503-1.2160i	-16.1586-1.9671i	-0.9304-0.1157i	-0.2510+0.0207i	-0.0022+0.0009i	0.0710+0.0379i	0.0282+0.0223i	-0.0394-0.0014i
31.0	-15.7306-1.2374i	-15.9970-1.9515i	-0.9155-0.1348i	-0.2693+0.0475i	-0.0023+0.0016i	0.0629+0.0452i	0.0330+0.0208i	-0.0446-0.0031i
31.1	-15.8613-1.1615i	-15.8787-1.8907i	-0.9241-0.1113i	-0.2951+0.0907i	-0.0073-0.0043i	0.0444+0.0623i	0.0093+0.0116i	-0.0357+0.0043i
31.2	-15.9490-1.0431i	-15.7638-1.8165i	-0.9136-0.1024i	-0.2934+0.0745i	0.0054+0.0050i	0.0518+0.0972i	0.0316+0.0231i	-0.0405-0.0057i
31.3	-16.0226-1.0298i	-15.6363-1.8182i	-0.9016-0.1065i	-0.3079+0.0630i	0.0102+0.0034i	0.0608+0.1144i	0.0467+0.0181i	-0.0454+0.0009i
31.4	-16.3104-0.9435i	-15.4563-1.7729i	-0.9057-0.1027i	-0.3311+0.0997i	-0.0034-0.0114i	0.0553+0.1451i	0.0179+0.0123i	-0.0358+0.0183i
31.5	-16.5099-0.9753i	-15.3048-1.7522i	-0.9003-0.1150i	-0.3113+0.1119i	0.0009-0.0209i	0.0769+0.2077i	0.0328+0.0161i	-0.0411+0.0235i
31.6	-16.5442-0.7080i	-15.1328-1.6948i	-0.8672-0.1001i	-0.3051+0.2036i	0.0020-0.0049i	0.1322+0.2701i	0.0378+0.0364i	-0.0426+0.0083i
31.7	-16.8545-0.5957i	-15.0007-1.6379i	-0.8442-0.0958i	-0.2956+0.1965i	0.0078+0.0076i	0.1807+0.3116i	0.0567+0.0458i	-0.0430+0.0068i
31.8	-17.0336-0.4457i	-14.8567-1.6357i	-0.8534-0.1164i	-0.2594+0.1875i	0.0077+0.0024i	0.2336+0.3159i	0.0575+0.0356i	-0.0394+0.0110i
31.9	-17.0484-0.2222i	-14.7165-1.6290i	-0.8619-0.1179i	-0.2438+0.2477i	0.0038+0.0013i	0.2542+0.3396i	0.0466+0.0416i	-0.0354+0.0058i
32.0	-17.4580-0.1487i	-14.5033-1.5798i	-0.8376-0.0704i	-0.2478+0.2772i	-0.0050+0.0073i	0.3676+0.3014i	0.0579+0.0611i	-0.0234+0.0071i
32.1	-17.7799+0.1413i	-14.3987-1.5729i	-0.8242-0.0572i	-0.2427+0.2790i	0.0068+0.0068i	0.4285+0.2781i	0.0712+0.0502i	-0.0329+0.0122i
32.2	-18.1937+0.3671i	-14.2754-1.5074i	-0.8488-0.0819i	-0.2655+0.3114i	0.0068+0.0077i	0.4797+0.3120i	0.0689+0.0450i	-0.0321+0.0085i
32.3	-18.6250+0.8407i	-14.1363-1.4424i	-0.8409-0.0923i	-0.2800+0.3162i	0.0083+0.0030i	0.4838+0.2888i	0.0744+0.0361i	-0.0337+0.0066i
32.4	-19.2645+1.2394i	-13.9110-1.4311i	-0.8008-0.1145i	-0.2785+0.2934i	0.0079-0.0002i	0.6021+0.2592i	0.0966+0.0356i	-0.0252+0.0081i
32.5	-19.8197+2.2440i	-13.7202-1.3874i	-0.7948-0.1005i	-0.2928+0.3389i	0.0084+0.0102i	0.6735+0.2150i	0.0922+0.0311i	-0.0153-0.0042i
32.6	-20.2607+3.0205i	-13.5503-1.3681i	-0.7813-0.0892i	-0.2865+0.3652i	0.0193+0.0180i	0.6801+0.1188i	0.1023+0.0187i	-0.0160-0.0153i
32.7	-20.8583+3.7738i	-13.3676-1.3371i	-0.7554-0.0950i	-0.2791+0.3818i	0.0258+0.0164i	0.7327+0.0420i	0.0983+0.0034i	-0.0150-0.0124i
32.8	-21.3285+5.1072i	-13.1846-1.3271i	-0.7393-0.1095i	-0.3267+0.4313i	0.0231+0.0110i	0.7227-0.0121i	0.0791-0.0089i	-0.0154-0.0088i
32.9	-21.3461+6.6579i	-13.0536-1.3422i	-0.7655-0.1101i	-0.3366+0.5051i	0.0233+0.0142i	0.7066-0.0618i	0.0629+0.0071i	-0.0172-0.0254i
33.0	-20.9222+8.4498i	-12.8975-1.3688i	-0.7827-0.0981i	-0.3131+0.6027i	0.0283+0.0121i	0.6779-0.1301i	0.0529+0.0222i	-0.0331-0.0364i
33.1	-20.5681+9.7782i	-12.7441-1.3515i	-0.7678-0.1065i	-0.2952+0.6500i	0.0387+0.0095i	0.6409-0.1503i	0.0559+0.0259i	-0.0463-0.0389i
33.2	-20.0689+11.0557i	-12.6059-1.3028i	-0.7483-0.1168i	-0.2809+0.6995i	0.0440+0.0257i	0.6343-0.1777i	0.0555+0.0502i	-0.0571-0.0539i
33.3	-19.2922+11.6704i	-12.4582-1.3354i	-0.7189-0.1007i	-0.2444+0.7238i	0.0485+0.0289i	0.5986-0.1744i	0.0676+0.0728i	-0.0713-0.0633i
33.4	-19.5202+12.2931i	-12.3705-1.3407i	-0.7453-0.0993i	-0.2513+0.7928i	0.0515+0.0271i	0.5790-0.1859i	0.0774+0.0925i	-0.0867-0.0702i
33.5	-19.7999+13.5176i	-12.2810-1.3179i	-0.7472-0.1064i	-0.2353+0.8594i	0.0661+0.0290i	0.6073-0.2169i	0.0941+0.1128i	-0.1096-0.0739i
33.6	-19.7537+15.5652i	-12.0942-1.3297i	-0.7079-0.1406i	-0.2040+0.9189i	0.0844+0.0205i	0.6157-0.2351i	0.1163+0.1256i	-0.1333-0.0590i
33.7	-19.5288+18.7381i	-11.9023-1.3193i	-0.6922-0.1732i	-0.1735+1.0675i	0.1013+0.0040i	0.6127-0.2823i	0.1666+0.1589i	-0.1496-0.0451i
33.8	-18.1031+23.0580i	-11.7300-1.2599i	-0.6847-0.1744i	-0.0418+1.2242i	0.1126-0.0274i	0.5883-0.3434i	0.2368+0.1589i	-0.1742-0.0187i
33.9	-16.0802+26.8393i	-11.5531-1.1809i	-0.6800-0.1906i	0.1031+1.3456i	0.1026-0.0341i	0.5732-0.4065i	0.2960+0.1431i	-0.1713-0.0075i
34.0	-10.9274+30.3289i	-11.3293-1.2287i	-0.6835-0.2288i	0.3313+1.4427i	0.0901-0.0440i	0.4750-0.4552i	0.3514+0.0893i	-0.1809+0.0218i
34.1	-2.6779+30.9363i	-11.1264-1.3391i	-0.7026-0.2415i	0.6839+1.3675i	0.0973-0.0642i	0.3083-0.4428i	0.3860-0.0158i	-0.1880+0.0598i
34.2	4.4762+29.5710i	-10.9768-1.4045i	-0.7376-0.2648i	0.9406+1.2420i	0.0828-0.0770i	0.2167-0.3780i	0.3567-0.0928i	-0.1622+0.0776i
34.3	8.5540+24.3802i	-10.8793-1.4641i	-0.7754-0.2396i	1.0606+1.0183i	0.0746-0.0821i	0.1993-0.2897i	0.3273-0.1374i	-0.1518+0.0884i
34.4	10.7810+19.5674i	-10.8614-1.5186i	-0.8040-0.2220i	1.1431+0.8289i	0.0757-0.0838i	0.1964-0.2313i	0.3146-0.1555i	-0.1579+0.0932i
34.5	12.1401+14.7645i	-10.7685-1.5098i	-0.8061-0.2117i	1.1575+0.6548i	0.0736-0.0856i	0.1917-0.1671i	0.2770-0.1652i	-0.1522+0.1005i
34.6	10.8152+11.4364i	-10.6294-1.4717i	-0.7921-0.1809i	1.0557+0.5108i	0.0600-0.0731i	0.2427-0.1239i	0.2333-0.1544i	-0.1369+0.0965i
34.7	10.2174+9.4662i	-10.5725-1.4238i	-0.7873-0.1596i	1.0198+0.4349i	0.0637-0.0740i	0.2644-0.1008i	0.2251-0.1652i	-0.1408+0.1068i
34.8	9.2257+7.0547i	-10.4433-1.4158i	-0.7893-0.1649i	0.9864+0.3430i	0.0663-0.0905i	0.2964-0.0666i	0.2115-0.1784i	-0.1322+0.1213i
34.9	7.7550+5.5457i	-10.2716-1.4467i	-0.7943-0.1704i	0.9095+0.2675i	0.0528-0.1064i	0.3247-0.0765i	0.2081-0.1858i	-0.1225+0.1378i
35.0	6.8858+4.2812i	-10.1580-1.4028i	-0.7755-0.1555i	0.8680+0.1910i	0.0536-0.1149i	0.3373-0.0834i	0.2010-0.1963i	-0.1199+0.1493i
35.1	6.4966+3.4660i	-10.0656-1.3558i	-0.7782-0.1348i	0.8908+0.1731i	0.0668-0.1253i	0.3530-0.0730i	0.2131-0.2037i	-0.1299+0.1589i
35.2	6.0283+3.3015i	-9.9375-1.3504i	-0.7845-0.1197i	0.8777+0.1852i	0.0516-0.1227i	0.3611-0.0785i	0.2042-0.2083i	-0.1188+0.1580i
35.3	5.7705+2.5461i	-9.7623-1.3532i	-0.7667-0.1363i	0.8358+0.1731i	0.0415-0.1175i	0.3672-0.0799i	0.1942-0.2041i	-0.1019+0.1606i
35.4	4.9993+2.2248i	-9.5857-1.3062i	-0.7672-0.1396i	0.8157+0.1178i	0.0281-0.1373i	0.3618-0.0795i	0.1766-0.2382i	-0.0775+0.1931i
35.5	4.7910+2.0448i	-9.5134-1.2877i	-0.7712-0.1269i	0.8359+0.0821i	0.0464-0.1526i	0.3671-0.0793i	0.1852-0.2648i	-0.1088+0.2029i
35.6	3.8326+1.4430i	-9.4030-1.2799i	-0.7780-0.1170i	0.7945+0.0808i	0.0264-0.1435i	0.3881-0.0658i	0.1705-0.2504i	-0.0852+0.1943i
35.7	3.5910+1.5177i	-9.2303-1.2887i	-0.7779-0.1198i	0.7965+0.0807i	0.0185-0.1382i	0.4068-0.0759i	0.1868-0.2507i	-0.0825+0.1934i
35.8	3.2808+0.9762i	-9.1069-1.2714i	-0.7517-0.1136i	0.7615+0.0126i	0.0051-0.1377i	0.4158-0.0597i	0.1539-0.2517i	-0.0579+0.1916i
35.9	2.8322+0.9511i	-8.9586-1.2500i	-0.7471-0.0920i	0.7518-0.0163i	-0.0020-0.1349i	0.4157-0.0629i	0.1322-0.2594i	-0.0391+0.1869i
36.0	2.9460+1.0174i	-8.8030-1.2484i	-0.7380-0.0967i	0.7437-0.0184i	-0.0006-0.1284i	0.4230-0.0633i	0.1205-0.2612i	-0.0399+0.1846i
36.1	2.6801+0.9081i	-8.7081-1.2665i	-0.7344-0.1128i	0.7336-0.0403i	0.0074-0.1286i	0.4394-0.0736i	0.1211-0.2789i	-0.0447+0.2054i
36.2	2.4491+0.6998i	-8.5187-1.2457i	-0.7212-0.1047i	0.7175-0.0782i	-0.0047-0.1560i	0.4424-0.0767i	0.1020-0.3147i	-0.0371+0.2293i
36.3	2.5343+0.4947i	-8.3866-1.2814i	-0.7298-0.1028i	0.7052-0.0721i	-0.0189-0.1609i	0.4446-0.0754i	0.0575-0.3129i	0.0013+0.2256i
36.4	2.6201+0.4524i	-8.3017-1.2748i	-0.7255-0.0761i	0.6935-0.0964i	-0.0080-0.1585i	0.4508-0.0814i	0.0482-0.3166i	0.0073+0.2237i
36.5	2.4343+0.2269i	-8.1761-1.2576i	-0.7202-0.0701i	0.6452-0.1302i	-0.0052-0.1646i	0.4548-0.0867i	0.0344-0.3188i	0.0047+0.2311i
36.6	2.4603+0.4281i	-8.0131-1.2328i	-0.7063-0.0737i	0.6027-0.1739i	-0.0298-0.1797i	0.4716-0.1022i	0.0019-0.3452i	0.0284+0.2561i
36.7	2.3695+0.5108i	-7.9301-1.1498i	-0.7193-0.0737i	0.5907-0.2068i	-0.0368-0.1796i	0.4829-0.1092i	-0.0240-0.3443i	0.0462+0.2398i
36.8	2.2180+0.3102i	-7.7552-1.1210i	-0.7178-0.0695i	0.5695-0.1847i	-0.0582-0.1748i	0.4916-0.1200i	-0.0658-0.3213i	0.0686+0.2418i
36.9	2.1599+0.1456i	-7.6028-1.1498i	-0.7174-0.0608i	0.5428-0.1468i	-0.0594-0.1690i	0.5014-0.1186i	-0.0754-0.2885i	0.0772+0.2447i
37.0	2.2276+0.1708i	-7.4710-1.1381i	-0.7130-0.0535i	0.5254-0.1562i	-0.0487-0.1647i	0.5042-0.1233i	-0.0699-0.2784i	0.0711+0.2296i
37.1	2.1874+0.1223i	-7.3284-1.1604i	-0.7180-0.0401i	0.5155-0.1408i	-0.0681-0.1765i	0.4930-0.1267i	-0.0853-0.2427i	0.0943+0.2395i

37.2	1.9184-0.1656i	-7.1969-1.1453i	-0.7052-0.0399i	0.4930-0.1587i	-0.0846-0.1719i	0.4967-0.1525i	-0.1091-0.2417i	0.1224+0.2470i
37.3	1.8475-0.1424i	-7.0446-1.1088i	-0.6770-0.0415i	0.4924-0.1186i	-0.0951-0.1454i	0.5068-0.1640i	-0.0809-0.1957i	0.1288+0.2105i
37.4	1.9805-0.3683i	-6.9062-1.0774i	-0.6697-0.0439i	0.4315-0.0604i	-0.1519-0.1421i	0.5043-0.1583i	-0.1580-0.1255i	0.2109+0.2158i
37.5	2.1117-0.3450i	-6.7934-1.0764i	-0.6842-0.0383i	0.4395-0.0961i	-0.1307-0.1450i	0.4907-0.1812i	-0.1357-0.1730i	0.1874+0.2155i
37.6	2.0731-0.1769i	-6.6655-1.0709i	-0.6698-0.0404i	0.4897-0.1381i	-0.0997-0.1308i	0.5052-0.1939i	-0.0699-0.2048i	0.1639+0.1906i
37.7	2.1254-0.2621i	-6.4988-1.0580i	-0.6558-0.0481i	0.4474-0.1656i	-0.1064-0.1367i	0.5038-0.1847i	-0.0909-0.2073i	0.1770+0.1721i
37.8	2.1037-0.1224i	-6.3335-1.0047i	-0.6475-0.0275i	0.4210-0.1740i	-0.1086-0.1443i	0.5105-0.2120i	-0.1062-0.2068i	0.1887+0.1917i
37.9	2.1879-0.1055i	-6.1719-1.0081i	-0.6402-0.0400i	0.4210-0.1870i	-0.1040-0.1406i	0.5142-0.2416i	-0.1051-0.2063i	0.2016+0.1757i
38.0	2.2346-0.1855i	-6.0420-1.0282i	-0.6460-0.0419i	0.4085-0.1528i	-0.1043-0.1273i	0.4861-0.2446i	-0.1202-0.1881i	0.2174+0.1548i
38.1	2.2970-0.1708i	-5.8911-1.0194i	-0.6447-0.0291i	0.3971-0.1053i	-0.1053-0.1186i	0.4509-0.2371i	-0.1055-0.1499i	0.2250+0.1265i
38.2	2.2340-0.2428i	-5.7826-1.0043i	-0.6418-0.0215i	0.4123-0.0807i	-0.0947-0.1183i	0.4444-0.2311i	-0.0869-0.1418i	0.2098+0.1158i
38.3	2.3739-0.2985i	-5.5819-0.9836i	-0.6271-0.0241i	0.4179-0.1168i	-0.0933-0.1266i	0.4355-0.2473i	-0.0846-0.1413i	0.2140+0.1087i
38.4	2.5185-0.3054i	-5.4403-0.9904i	-0.6222-0.0215i	0.4218-0.1329i	-0.0872-0.1508i	0.4347-0.2369i	-0.0698-0.1476i	0.2154+0.1106i
38.5	2.5107-0.2980i	-5.2904-0.9834i	-0.6189-0.0189i	0.3786-0.1083i	-0.0913-0.1583i	0.4320-0.2226i	-0.0752-0.1501i	0.2079+0.0896i
38.6	2.5718-0.3104i	-5.1848-0.9336i	-0.6004-0.0052i	0.4120-0.1356i	-0.1189-0.1476i	0.4132-0.1905i	-0.0846-0.1687i	0.2192+0.0680i
38.7	2.5082-0.3362i	-4.9954-0.9235i	-0.5776+0.0110i	0.4016-0.1072i	-0.1239-0.1536i	0.4017-0.1881i	-0.0912-0.1526i	0.1961+0.0520i
38.8	2.5134-0.3762i	-4.8502-0.9310i	-0.5762+0.0027i	0.3496-0.0975i	-0.1339-0.1667i	0.4338-0.1993i	-0.0950-0.1500i	0.1951+0.0458i
38.9	2.6634-0.3055i	-4.6820-0.9098i	-0.5799-0.0063i	0.3363-0.1000i	-0.1538-0.1678i	0.4245-0.1883i	-0.1052-0.1424i	0.2056+0.0393i
39.0	2.7191-0.2416i	-4.5804-0.9044i	-0.5737+0.0086i	0.3456-0.0953i	-0.1728-0.1637i	0.3904-0.1746i	-0.1158-0.1486i	0.2168+0.0307i
39.1	2.8468-0.3497i	-4.3984-0.8861i	-0.5618+0.0074i	0.3196-0.0833i	-0.1890-0.1574i	0.4060-0.1846i	-0.1297-0.1354i	0.2028+0.0356i
39.2	2.9614-0.3719i	-4.2671-0.8775i	-0.5545+0.0113i	0.3147-0.0796i	-0.1979-0.1367i	0.4102-0.1815i	-0.1291-0.1137i	0.1846+0.0223i
39.3	3.0263-0.3318i	-4.1198-0.8608i	-0.5443+0.0037i	0.3287-0.0539i	-0.1948-0.1252i	0.3960-0.1716i	-0.1137-0.0956i	0.1855+0.0165i
39.4	3.0832-0.2901i	-3.9453-0.8597i	-0.5273-0.0055i	0.3572-0.0530i	-0.2175-0.1039i	0.3805-0.1909i	-0.1003-0.0934i	0.1996-0.0000i
39.5	3.1815-0.2335i	-3.7674-0.8503i	-0.5236-0.0094i	0.3692-0.0634i	-0.2095-0.0919i	0.3915-0.1527i	-0.1026-0.0981i	0.1461+0.0137i
39.6	3.2661-0.1715i	-3.6498-0.8265i	-0.5123-0.0122i	0.3716-0.0491i	-0.2262-0.0860i	0.3881-0.1554i	-0.1038-0.0992i	0.1745+0.0094i
39.7	3.3455-0.2102i	-3.4988-0.8056i	-0.5117-0.0063i	0.3518-0.0274i	-0.2603-0.0942i	0.3756-0.1735i	-0.0975-0.0849i	0.2225+0.0339i
39.8	3.4899-0.2366i	-3.3360-0.8081i	-0.5098-0.0028i	0.3290-0.0049i	-0.2514-0.0738i	0.3755-0.1273i	-0.1083-0.0738i	0.2453+0.0295i
39.9	3.5700-0.2403i	-3.1831-0.7983i	-0.5002-0.0004i	0.3609+0.0080i	-0.2396-0.0780i	0.4020-0.1219i	-0.0982-0.0518i	0.2454+0.0319i
40.0	3.7128-0.1612i	-3.0020-0.7719i	-0.4855-0.0075i	0.3894-0.0021i	-0.2404-0.0670i	0.4086-0.1400i	-0.0698-0.0618i	0.2344-0.0037i
40.1	3.8608-0.1518i	-2.8436-0.7454i	-0.4795-0.0031i	0.4000+0.0068i	-0.2445-0.0580i	0.4078-0.1174i	-0.0588-0.0560i	0.2384-0.0194i
40.2	3.9488-0.1813i	-2.7096-0.7332i	-0.4721-0.0009i	0.4201+0.0135i	-0.2418-0.0362i	0.3996-0.0995i	-0.0571-0.0531i	0.2394-0.0430i
40.3	4.0009-0.0653i	-2.5283-0.6975i	-0.4702-0.0030i	0.4513+0.0099i	-0.2498-0.0202i	0.4036-0.0872i	-0.0399-0.0624i	0.2415-0.0652i
40.4	4.1361-0.1440i	-2.3873-0.7076i	-0.4731-0.0181i	0.4164-0.0182i	-0.2398-0.0020i	0.4242-0.0937i	-0.0488-0.0696i	0.2238-0.0882i
40.5	4.3269-0.1691i	-2.1861-0.6873i	-0.4706-0.0233i	0.4030-0.0425i	-0.2254+0.0356i	0.4263-0.0706i	-0.0602-0.0847i	0.1854-0.1308i
40.6	4.3845-0.1385i	-2.0405-0.6798i	-0.4687-0.0234i	0.4109-0.0726i	-0.2222+0.0537i	0.4357-0.0543i	-0.0477-0.1058i	0.1597-0.1481i
40.7	4.4728-0.0680i	-1.8754-0.6840i	-0.4814-0.0211i	0.3694-0.0670i	-0.2036+0.0482i	0.4641-0.0723i	-0.0601-0.1058i	0.1164-0.1208i
40.8	4.6450-0.0619i	-1.7161-0.6644i	-0.4698-0.0219i	0.3690-0.0515i	-0.2023+0.0599i	0.4733-0.0735i	-0.0652-0.0925i	0.1323-0.1231i
40.9	4.7685-0.2131i	-1.5381-0.6504i	-0.4514-0.0204i	0.3889-0.0703i	-0.2092+0.0831i	0.4854-0.0611i	-0.0448-0.1096i	0.1553-0.1657i
41.0	4.8881-0.1735i	-1.3452-0.6383i	-0.4525-0.0111i	0.3441-0.0156i	-0.1799+0.0566i	0.5066-0.0629i	-0.0690-0.0890i	0.1085-0.1223i
41.1	5.0070-0.1042i	-1.1960-0.6161i	-0.4547-0.0132i	0.2916-0.0225i	-0.1533+0.0535i	0.5109-0.0651i	-0.1044-0.0940i	0.0629-0.1100i
41.2	5.2017-0.0455i	-1.0252-0.6038i	-0.4394-0.0268i	0.3363-0.0402i	-0.1958+0.0798i	0.5126-0.0738i	-0.0642-0.1164i	0.1381-0.1336i
41.3	5.4036-0.0816i	-0.8575-0.6262i	-0.4547-0.0344i	0.3250-0.0474i	-0.1763+0.0987i	0.5317-0.0793i	-0.0964-0.1189i	0.1143-0.1710i
41.4	5.4668-0.1614i	-0.7033-0.6274i	-0.4625-0.0327i	0.2741-0.0065i	-0.1197+0.0917i	0.5423-0.0913i	-0.1378-0.0892i	0.0063-0.1529i
41.5	5.5403-0.1269i	-0.5778-0.5935i	-0.4788-0.0234i	0.2759+0.0096i	-0.1191+0.1004i	0.5373-0.0994i	-0.1152-0.0968i	0.0206-0.1512i
41.6	5.6564-0.0627i	-0.3779-0.5615i	-0.4626-0.0069i	0.3174+0.0175i	-0.1207+0.1038i	0.5512-0.1063i	-0.1043-0.1020i	0.0398-0.1605i
41.7	5.7995-0.0242i	-0.1683-0.5409i	-0.4351-0.0043i	0.3182+0.0204i	-0.1050+0.0920i	0.5606-0.1101i	-0.1245-0.0909i	0.0121-0.1355i
41.8	5.9876-0.0015i	0.0030-0.5458i	-0.4441-0.0229i	0.3207+0.0254i	-0.0974+0.0752i	0.5559-0.1147i	-0.1247-0.0867i	0.0094-0.0972i
41.9	6.1690-0.0294i	0.1621-0.5485i	-0.4458-0.0159i	0.3048+0.0380i	-0.0795+0.0807i	0.5458-0.1194i	-0.1423-0.0753i	-0.0148-0.1126i
42.0	6.2819-0.0629i	0.3450-0.5524i	-0.4491-0.0057i	0.3147+0.0842i	-0.0514+0.0593i	0.5377-0.1267i	-0.1418-0.0394i	-0.0413-0.0734i
42.1	6.3877-0.0517i	0.5164-0.5545i	-0.4408-0.0208i	0.2971+0.0675i	-0.0521+0.0804i	0.5418-0.1256i	-0.1441-0.0571i	-0.0455-0.1004i
42.2	6.5552+0.0330i	0.7187-0.5071i	-0.4382-0.0193i	0.2938+0.0697i	-0.0610+0.0664i	0.5393-0.1221i	-0.1353-0.0499i	-0.0057-0.0674i
42.3	6.7112-0.0054i	0.8869-0.4736i	-0.4294-0.0007i	0.3056+0.0936i	-0.0565+0.0268i	0.5407-0.1211i	-0.1354-0.0154i	0.0196-0.0361i
42.4	6.8866-0.0224i	1.0802-0.4680i	-0.4115-0.0039i	0.3110+0.1298i	-0.0370+0.0253i	0.5614-0.1224i	-0.1485-0.0064i	0.0085-0.0265i
42.5	7.1246-0.0096i	1.2947-0.4775i	-0.4336+0.0008i	0.2824+0.1383i	-0.0317+0.0199i	0.5805-0.1240i	-0.1636+0.0132i	-0.0013-0.0238i
42.6	7.2262+0.0300i	1.4440-0.4651i	-0.4088-0.0034i	0.3655+0.1685i	-0.0667-0.0065i	0.5893-0.1243i	-0.1073+0.0415i	0.0842-0.0585i
42.7	7.2980-0.0079i	1.6017-0.4440i	-0.3913+0.0153i	0.3889+0.1988i	-0.0625+0.0083i	0.5740-0.1399i	-0.0906+0.0516i	0.0066-0.1076i
42.8	7.3975+0.0372i	1.7642-0.4217i	-0.3871+0.0332i	0.3931+0.2332i	-0.0588+0.0018i	0.5632-0.1360i	-0.0746+0.0588i	-0.0139-0.0496i
42.9	7.6793+0.0325i	2.0289-0.4276i	-0.3832+0.0237i	0.3561+0.2219i	-0.0553-0.0054i	0.5648-0.1253i	-0.0987+0.0567i	-0.0146-0.0343i
43.0	7.8307+0.0228i	2.1956-0.4056i	-0.3626+0.0149i	0.3801+0.2276i	-0.0581-0.0087i	0.5727-0.1182i	-0.1017+0.0613i	0.0010-0.0681i
43.1	8.0162+0.0145i	2.3885-0.3930i	-0.3388+0.0223i	0.4799+0.2432i	-0.0939-0.0213i	0.5824-0.1058i	-0.0460+0.0878i	0.0364-0.0741i
43.2	8.1606-0.0057i	2.5630-0.3961i	-0.3309+0.0269i	0.5531+0.2491i	-0.1140-0.0313i	0.5971-0.0952i	0.0066+0.1074i	0.0564-0.0677i
43.3	8.2914+0.0249i	2.7884-0.3755i	-0.3308-0.0007i	0.5166+0.1807i	-0.1237-0.0150i	0.6272-0.1115i	0.0188+0.0582i	0.0293-0.0852i
43.4	8.4631+0.1773i	2.9421-0.3348i	-0.3140+0.0109i	0.5469+0.1786i	-0.1320-0.0154i	0.6236-0.1263i	0.0385+0.0419i	0.0477-0.0558i

43.5	8.6865+0.1623i	3.1805−0.3089i	−0.3029+0.0261i	0.5750+0.1719i	−0.1251+0.0022i	0.6180−0.1224i	0.0390+0.0290i	0.0322−0.0560i
43.6	8.9009+0.1247i	3.4003−0.3186i	−0.3202−0.0063i	0.5316+0.1526i	−0.1128+0.0138i	0.6413−0.1135i	0.0166+0.0194i	−0.0051−0.0613i
43.7	9.1629+0.1190i	3.6338−0.3366i	−0.3004−0.0048i	0.5682+0.1860i	−0.1216+0.0021i	0.6513−0.1100i	0.0413+0.0418i	0.0501−0.0749i
43.8	9.2555+0.1399i	3.7833−0.3199i	−0.2948−0.0043i	0.6082+0.1784i	−0.1331+0.0208i	0.6545−0.1224i	0.0772+0.0233i	0.0446−0.1312i
43.9	9.4317+0.1850i	3.9630−0.2681i	−0.2993−0.0007i	0.6045+0.1648i	−0.1317+0.0200i	0.6540−0.1288i	0.0869+0.0085i	−0.0125−0.1026i
44.0	9.6423+0.1964i	4.2019−0.2727i	−0.3021−0.0117i	0.5832+0.1612i	−0.1207+0.0251i	0.6711−0.1239i	0.0803−0.0060i	−0.0424−0.0641i
44.1	9.8347+0.1008i	4.4400−0.2844i	−0.2974+0.0093i	0.5731+0.2155i	−0.1054+0.0255i	0.6884−0.1293i	0.0652+0.0245i	−0.0402−0.0242i
44.2	10.0290+0.0887i	4.6599−0.2850i	−0.2900−0.0067i	0.5970+0.1802i	−0.0928+0.0222i	0.7056−0.1361i	0.0631+0.0026i	−0.0454+0.0111i
44.3	10.2849+0.0743i	4.8817−0.3122i	−0.2834−0.0262i	0.6311+0.1443i	−0.0887+0.0127i	0.7202−0.1397i	0.0679−0.0028i	0.0083+0.0136i
44.4	10.4388−0.1064i	5.0956−0.3944i	−0.3011−0.0250i	0.6491+0.1842i	−0.0886−0.0085i	0.7386−0.1486i	0.0993+0.0348i	0.0461+0.0023i
44.5	10.5338−0.1510i	5.2631−0.3862i	−0.3106−0.0251i	0.6646+0.1697i	−0.1105−0.0147i	0.7345−0.1771i	0.1314+0.0278i	0.0529−0.0401i
44.6	10.6755+0.0050i	5.4572−0.3085i	−0.2861−0.0178i	0.7192+0.1349i	−0.1317−0.0031i	0.7099−0.1929i	0.1667−0.0201i	0.0396−0.0536i
44.7	10.8150+0.0193i	5.6503−0.2847i	−0.2786−0.0309i	0.7114+0.0834i	−0.1122+0.0092i	0.7205−0.2191i	0.1538−0.0517i	0.0147−0.0937i
44.8	11.0158+0.0214i	5.8606−0.2218i	−0.2776−0.0391i	0.7210+0.0198i	−0.1253−0.0007i	0.7145−0.2239i	0.1749−0.0834i	−0.0239−0.0976i
44.9	11.1895+0.1100i	6.0293−0.2061i	−0.2764−0.0279i	0.7286+0.0144i	−0.1388−0.0079i	0.7102−0.2049i	0.1784−0.0886i	−0.0227−0.0341i
45.0	11.4576+0.2736i	6.3074−0.1205i	−0.2885−0.0039i	0.6138+0.0340i	−0.1224−0.0136i	0.7198−0.2131i	0.0892−0.0897i	−0.0543+0.0054i
45.1	11.8124+0.2129i	6.6072−0.1431i	−0.2563−0.0091i	0.6640+0.0510i	−0.1457+0.0115i	0.7364−0.2041i	0.1286−0.1140i	−0.0187−0.0077i
45.2	11.9886+0.0628i	6.8180−0.1934i	−0.2613−0.0125i	0.6691+0.0344i	−0.1519+0.0145i	0.7574−0.1919i	0.1469−0.1197i	0.0135−0.0066i
45.3	12.1668+0.1388i	7.0367−0.1534i	−0.2710+0.0070i	0.6580+0.0636i	−0.1604+0.0164i	0.7599−0.2141i	0.1431−0.1124i	0.0089+0.0175i
45.4	12.3892+0.1550i	7.2901−0.1276i	−0.2487+0.0056i	0.6723+0.0418i	−0.1652+0.0575i	0.7747−0.2388i	0.1383−0.1604i	0.0173−0.0137i
45.5	12.6111+0.1314i	7.5540−0.1195i	−0.2209+0.0079i	0.7117+0.0320i	−0.1559+0.0776i	0.7841−0.2419i	0.1470−0.1905i	0.0014−0.0315i
45.6	12.9138+0.1130i	7.8389−0.1144i	−0.2057−0.0121i	0.7120+0.0044i	−0.1355+0.0703i	0.8122−0.2579i	0.1280−0.1977i	0.0099+0.0025i
45.7	13.1610−0.0109i	8.0531−0.1871i	−0.2166−0.0084i	0.7260+0.0404i	−0.1425+0.0507i	0.7924−0.3005i	0.1411−0.1542i	0.0676+0.0084i
45.8	13.3096+0.0012i	8.2840−0.1672i	−0.2172+0.0063i	0.7102+0.0497i	−0.1394+0.0566i	0.7647−0.3117i	0.1240−0.1610i	0.0174−0.0002i
45.9	13.4776−0.1088i	8.5184−0.2303i	−0.1981+0.0220i	0.7399+0.0546i	−0.1533+0.0535i	0.7569−0.3018i	0.1713−0.1468i	0.0579+0.0655i
46.0	13.5336−0.1691i	8.6656−0.2498i	−0.1775+0.0172i	0.7686+0.0127i	−0.1413+0.0671i	0.7525−0.3000i	0.1745−0.1860i	0.1109+0.0574i
46.1	13.7322−0.0289i	8.8787−0.1648i	−0.1801+0.0161i	0.8035+0.0037i	−0.1522+0.0690i	0.7737−0.2836i	0.1827−0.1816i	0.1250+0.0355i
46.2	14.1713−0.0446i	9.2435−0.1578i	−0.1714−0.0002i	0.8321−0.0431i	−0.1520+0.0894i	0.8039−0.3064i	0.1996−0.2164i	0.1100+0.0004i
46.3	14.4747−0.2082i	9.5317−0.2403i	−0.1435−0.0233i	0.8454−0.1206i	−0.1510+0.1173i	0.8237−0.3365i	0.2210−0.2939i	0.1113−0.0308i
46.4	14.6436−0.5640i	9.8286−0.4028i	−0.1429−0.0497i	0.8468−0.1873i	−0.1559+0.1248i	0.8067−0.4087i	0.2549−0.3524i	0.1693−0.0192i
46.5	14.5705−0.6864i	9.8952−0.4513i	−0.1520−0.0603i	0.8309−0.2635i	−0.1378+0.1307i	0.7321−0.4251i	0.2053−0.4012i	0.1571−0.0689i
46.6	14.5601−0.5246i	10.0006−0.3598i	−0.1643−0.0459i	0.7509−0.2568i	−0.1322+0.1279i	0.6987−0.3673i	0.1426−0.4241i	0.1573−0.0695i
46.7	14.7609−0.3623i	10.1984−0.2836i	−0.1784−0.0312i	0.6728−0.2926i	−0.1044+0.1567i	0.7262−0.3551i	0.0627−0.4817i	0.1547−0.1520i
46.8	14.9893−0.2433i	10.4814−0.2092i	−0.1580−0.0231i	0.6105−0.2544i	−0.0827+0.1804i	0.7497−0.3410i	−0.0023−0.4761i	0.0949−0.2057i
46.9	15.3081−0.1087i	10.8319−0.0618i	−0.1013−0.0062i	0.6152−0.1801i	−0.0427+0.1723i	0.7807−0.3474i	−0.0524−0.4272i	−0.0039−0.1845i
47.0	15.5563−0.2393i	11.0795−0.1312i	−0.0842−0.0397i	0.6515−0.2115i	−0.0347+0.1486i	0.7974−0.3910i	−0.0324−0.3967i	−0.0002−0.0983i
47.1	15.6783−0.5124i	11.2655−0.2989i	−0.1014−0.0915i	0.5945−0.3310i	−0.0370+0.1413i	0.7652−0.4503i	−0.0367−0.4495i	0.0767−0.0954i
47.2	15.7205−0.3448i	11.4334−0.2083i	−0.1375−0.0872i	0.5290−0.3764i	−0.0381+0.1640i	0.7148−0.3986i	−0.0819−0.5194i	0.1043−0.2447i
47.3	16.0361−0.0822i	11.7789−0.0353i	−0.1142−0.0392i	0.4918−0.3606i	−0.0131+0.1944i	0.7735−0.3503i	−0.1464−0.5316i	−0.0328−0.3088i
47.4	16.4250−0.0501i	12.1418−0.0019i	−0.0952−0.0445i	0.4253−0.2896i	0.0310+0.1786i	0.8252−0.3828i	−0.2279−0.4669i	−0.1594−0.2001i
47.5	16.6853−0.1011i	12.4469−0.0087i	−0.0765−0.0612i	0.4281−0.2182i	0.0533+0.1574i	0.8626−0.4238i	−0.2486−0.4117i	−0.2074−0.1060i
47.6	17.0573−0.2531i	12.8100−0.1060i	−0.0516−0.0676i	0.4804−0.1852i	0.0716+0.1462i	0.8571−0.5015i	−0.2149−0.4089i	−0.2073+0.0468i
47.7	17.1257−0.5305i	13.0136−0.2826i	−0.0187−0.0910i	0.4826−0.2332i	0.1106+0.1413i	0.8020−0.5665i	−0.2608−0.4442i	−0.0526+0.0978i
47.8	17.1404−0.4512i	13.1334−0.2363i	−0.0216−0.1415i	0.3779−0.2200i	0.1503+0.0928i	0.7133−0.5631i	−0.3704−0.3633i	0.0349+0.0253i
47.9	17.2802−0.1693i	13.3718−0.0990i	−0.0256−0.1821i	0.3887−0.1319i	0.1699+0.0173i	0.6712−0.4874i	−0.4012−0.2305i	−0.0271−0.0390i
48.0	17.5611−0.0509i	13.6764−0.0209i	−0.0408−0.1836i	0.4387−0.1158i	0.1340−0.0094i	0.6892−0.4581i	−0.3279−0.2005i	−0.0180−0.0187i
48.1	17.8344−0.0837i	13.9691−0.0364i	−0.1060−0.2227i	0.4038−0.1202i	0.0964−0.0374i	0.6690−0.4564i	−0.3076−0.1774i	0.0205−0.0355i
48.2	18.1523−0.0351i	14.2794+0.0357i	−0.0847−0.2141i	0.3946−0.1442i	0.0907−0.0194i	0.7068−0.4475i	−0.3177−0.1951i	−0.0013−0.0747i
48.3	18.5424−0.1566i	14.6704−0.0764i	−0.0858−0.2473i	0.3459−0.1610i	0.1271−0.0330i	0.7217−0.5048i	−0.3632−0.1762i	−0.0291−0.0773i
48.4	18.6470−0.1438i	14.8658−0.0645i	−0.1321−0.2936i	0.3029−0.1366i	0.1467−0.0999i	0.6716−0.5395i	−0.4058−0.1186i	−0.0793−0.0451i
48.5	18.8162−0.0471i	15.1233−0.0110i	−0.1689−0.3240i	0.2671−0.1209i	0.1252−0.1462i	0.6560−0.5180i	−0.3967−0.0857i	−0.1132−0.0433i
48.6	19.2567+0.0471i	15.5698+0.0312i	−0.1843−0.2670i	0.3186−0.0967i	0.0558−0.1226i	0.7096−0.4861i	−0.2890−0.0878i	−0.0382+0.0421i
48.7	19.5182−0.0427i	15.8147−0.0542i	−0.2078−0.2633i	0.2996−0.0929i	0.0396−0.0934i	0.7373−0.4940i	−0.2804−0.1176i	0.0006+0.0049i
48.8	19.8000−0.2135i	16.1358−0.1413i	−0.1805−0.2771i	0.2709−0.1170i	0.0838−0.1039i	0.7344−0.5641i	−0.3415−0.1465i	−0.0332−0.0080i
48.9	19.8977−0.0664i	16.3300−0.0071i	−0.1894−0.3012i	0.2544−0.0700i	0.1053−0.1673i	0.6636−0.5702i	−0.3859−0.0842i	−0.0328+0.0077i
49.0	20.1432+0.2588i	16.6461+0.1928i	−0.2538−0.3052i	0.2738−0.0070i	0.0338−0.2229i	0.6149−0.5108i	−0.3225+0.0086i	−0.0330+0.0430i
49.1	20.4900+0.4308i	17.0039+0.2931i	−0.2387−0.2511i	0.3126−0.0026i	−0.0101−0.1997i	0.6431−0.4582i	−0.2669+0.0018i	0.0057+0.0553i
49.2	20.9107+0.4118i	17.4052+0.2821i	−0.2650−0.2519i	0.2882−0.0026i	−0.0373−0.1767i	0.7273−0.4498i	−0.2379+0.0030i	−0.0050+0.0392i
49.3	21.4579+0.3064i	17.9008+0.2250i	−0.2691−0.2865i	0.2777−0.0224i	−0.0363−0.1796i	0.7753−0.5038i	−0.2447−0.0111i	−0.0089+0.0606i
49.4	21.8656+0.2223i	18.3108+0.1487i	−0.2398−0.3223i	0.2525−0.0821i	−0.0061−0.1846i	0.7595−0.5713i	−0.2779−0.0459i	0.0369+0.0615i
49.5	22.0853+0.0924i	18.6111+0.0527i	−0.2924−0.3276i	0.2226−0.0056i	−0.0145−0.2133i	0.7104−0.5872i	−0.2819+0.0130i	0.0721+0.0513i
49.6	22.3381+0.0917i	18.9063+0.0542i	−0.3079−0.3289i	0.2697+0.0085i	−0.0443−0.2321i	0.6849−0.5890i	−0.2337+0.0463i	0.0600+0.0181i
49.7	22.6907+0.2951i	19.2786+0.2407i	−0.3450−0.3213i	0.3297−0.0064i	−0.0977−0.2360i	0.6920−0.5759i	−0.1628+0.0436i	0.0268+0.0637i

49.8	23.0128+0.2913i	19.6128+0.2135i	-0.3480-0.2933i	0.2761+0.0122i	-0.1065-0.2094i	0.6730-0.6110i	-0.1810+0.0175i	0.0978+0.1247i
49.9	23.3000+0.0073i	19.9628+0.0124i	-0.4040-0.3120i	0.2215+0.0359i	-0.1256-0.2205i	0.5792-0.5960i	-0.1771+0.0472i	0.2305+0.0675i
50.0	23.5156+0.0876i	20.2695+0.0387i	-0.4023-0.3039i	0.2381-0.0009i	-0.1246-0.2174i	0.6049-0.5344i	-0.1825+0.0421i	0.1779-0.0663i
50.1	23.9678+0.1657i	20.7008+0.1207i	-0.4206-0.3052i	0.2293+0.0159i	-0.1374-0.2066i	0.6642-0.5409i	-0.1711+0.0275i	0.0863-0.0968i
50.2	24.4406-0.0126i	21.1785+0.0106i	-0.4643-0.3563i	0.1790+0.0186i	-0.1348-0.2286i	0.6529-0.5800i	-0.1802+0.0384i	0.0754-0.0726i
50.3	24.7453-0.1608i	21.5247-0.1017i	-0.5425-0.3567i	0.1455+0.0633i	-0.1518-0.2537i	0.6023-0.5958i	-0.1946+0.0886i	0.0700-0.0782i
50.4	24.9878-0.1351i	21.8207-0.0821i	-0.5986-0.3123i	0.1373+0.1033i	-0.1924-0.2755i	0.5812-0.5697i	-0.1590+0.1234i	0.0305-0.0842i
50.5	25.2754-0.1349i	22.1702-0.0973i	-0.6617-0.2589i	0.1144+0.1150i	-0.2454-0.2654i	0.5856-0.5482i	-0.1029+0.1193i	0.0123-0.0502i
50.6	25.5908-0.0719i	22.5186-0.0323i	-0.6780-0.2373i	0.0830+0.1632i	-0.2686-0.2611i	0.5743-0.5264i	-0.0994+0.1388i	0.0610-0.0467i
50.7	26.1119+0.1131i	23.0312+0.1324i	-0.6713-0.2596i	0.1011+0.1876i	-0.2770-0.2751i	0.6022-0.4973i	-0.0859+0.1494i	0.0567-0.1042i
50.8	26.5185-0.0256i	23.4987+0.0598i	-0.7409-0.2247i	0.1421+0.1807i	-0.3214-0.2451i	0.6279-0.5028i	-0.0200+0.1035i	0.0276-0.1121i
50.9	26.8331-0.1751i	23.8906-0.0663i	-0.7630-0.1991i	0.1074+0.1448i	-0.3308-0.1999i	0.6302-0.4960i	-0.0053+0.0472i	0.0305-0.1127i
51.0	27.0830-0.2043i	24.1801-0.1000i	-0.8506-0.1866i	0.0070+0.1786i	-0.3434-0.2091i	0.6636-0.4565i	-0.0133+0.0457i	-0.0192-0.1508i
51.1	27.5384-0.0644i	24.6300-0.0131i	-0.9457-0.0771i	-0.0174+0.2456i	-0.3785-0.1623i	0.7569-0.5134i	-0.0017+0.0144i	-0.1612-0.0763i
51.2	28.1258-0.0800i	25.2441-0.0106i	-0.9162+0.1035i	-0.0109+0.3033i	-0.3688-0.0924i	0.7050-0.6458i	-0.0296-0.0638i	-0.0878+0.1180i
51.3	28.4208-0.1872i	25.5921-0.1072i	-0.8696+0.0819i	-0.0599+0.3446i	-0.3373-0.1375i	0.5662-0.5513i	-0.1139-0.0035i	0.1183+0.0625i
51.4	28.9368-0.1479i	26.1284-0.0786i	-0.9210-0.0321i	-0.0647+0.3720i	-0.3759-0.1672i	0.6705-0.4939i	-0.0564+0.0615i	0.0615-0.0077i
51.5	29.0954-0.3390i	26.3568-0.1993i	-1.0309+0.0094i	-0.0930+0.4423i	-0.4274-0.1561i	0.6837-0.4284i	-0.0113+0.0905i	0.0648-0.1000i
51.6	29.6636-0.1088i	26.9731-0.0420i	-1.0964+0.0549i	-0.0636+0.4940i	-0.4684-0.1522i	0.8261-0.4236i	0.0522+0.1069i	-0.0531-0.1002i
51.7	30.4228-0.3739i	27.6943-0.2193i	-1.1993+0.0810i	-0.0543+0.4939i	-0.4968-0.1351i	0.8688-0.5854i	0.1103+0.0684i	-0.0334-0.0127i
51.8	30.7065-0.4744i	28.0397-0.2760i	-1.3040+0.3826i	-0.0514+0.5808i	-0.5203-0.0390i	0.8354-0.6271i	0.1362-0.0299i	-0.0607-0.0054i
51.9	30.9916-0.4277i	28.4014-0.2701i	-1.2988+0.4250i	-0.0455+0.6555i	-0.5325-0.0272i	0.8562-0.5390i	0.1545-0.0084i	-0.1043-0.0211i
52.0	32.0395-0.5332i	29.3856-0.3394i	-1.3915+0.4883i	-0.0333+0.6389i	-0.5734+0.0306i	1.0061-0.7028i	0.2289-0.0956i	-0.2077+0.1390i
52.1	32.4880-0.8552i	29.8701-0.5901i	-1.3451+0.6264i	-0.1078+0.6801i	-0.5438+0.0769i	0.8173-0.8692i	0.1335-0.1816i	-0.0591+0.3303i
52.2	32.9072-1.1466i	30.3519-0.7996i	-1.3885+0.6035i	-0.1449+0.7946i	-0.5432+0.0565i	0.7174-0.7013i	0.0686-0.0803i	0.1760+0.2189i
52.3	33.4740-1.6908i	30.9075-1.1945i	-1.5749+0.8402i	-0.1652+0.8759i	-0.5753+0.1107i	0.7648-0.7071i	0.1536-0.1066i	0.2402+0.1161i
52.4	33.3982-1.8162i	31.0423-1.3013i	-1.4246+1.0380i	-0.0500+0.9512i	-0.5693+0.1331i	0.7894-0.6098i	0.1825-0.1350i	0.1801-0.0240i
52.5	34.0597-1.8885i	31.7178-1.4015i	-1.5779+1.0241i	-0.0209+0.9356i	-0.6151+0.1436i	0.9074-0.6460i	0.2502-0.1843i	0.0995+0.0601i
52.6	34.3393-2.6045i	32.1323-1.9720i	-1.6521+1.4968i	0.0030+1.1060i	-0.6386+0.2592i	0.8469-0.7885i	0.2544-0.3063i	0.2250+0.1312i
52.7	33.8890-2.5519i	31.8912-1.9428i	-1.2958+1.6733i	0.1050+1.1211i	-0.5853+0.3200i	0.8189-0.6201i	0.1991-0.3501i	0.2799-0.0532i
52.8	34.6186-1.7567i	32.6221-1.3136i	-1.3020+1.6858i	0.1245+1.1057i	-0.6169+0.3609i	1.1037-0.6179i	0.2620-0.3685i	0.1273-0.0577i
52.9	35.8776-2.3463i	33.7733-1.7826i	-1.3441+2.1961i	0.1356+1.1758i	-0.6005+0.5404i	1.1383-0.9537i	0.2556-0.5798i	0.1658+0.1347i
53.0	36.3154-2.8589i	34.2283-2.2257i	-1.1626+2.3553i	0.1667+1.2706i	-0.5105+0.6069i	1.0128-0.9662i	0.1021-0.6133i	0.3971+0.0335i
53.1	36.6914-3.3936i	34.7103-2.6667i	-1.0339+2.5289i	0.1801+1.2809i	-0.4528+0.6352i	1.0732-1.0642i	0.0517-0.6761i	0.4258-0.1569i
53.2	36.8103-3.9305i	34.9659-3.0898i	-0.7013+2.8402i	0.2358+1.3164i	-0.3568+0.7077i	1.0366-1.2398i	-0.0774-0.7761i	0.3102-0.2210i
53.3	36.7063-4.3427i	34.9949-3.4202i	-0.3321+3.2036i	0.3138+1.4262i	-0.2467+0.7837i	0.8899-1.3784i	-0.2398-0.8426i	0.1926-0.2678i
53.4	36.5880-4.1757i	35.0067-3.2192i	0.4772+3.4497i	0.3582+1.5054i	-0.0002+0.8258i	0.6108-1.4588i	-0.5850-0.8678i	0.1727-0.0201i
53.5	36.6296-3.7974i	35.2296-2.9205i	0.9943+2.9025i	0.4798+1.5326i	0.1224+0.6507i	0.4811-1.1816i	-0.6809-0.5786i	0.4454-0.1892i
53.6	37.4484-3.6771i	36.0579-2.8413i	0.7907+2.5080i	0.5329+1.4988i	0.0542+0.5329i	0.7046-1.0877i	-0.5416-0.4341i	0.3207-0.4951i
53.7	38.0004-3.8339i	36.6563-2.9177i	0.8442+2.5709i	0.5837+1.5500i	0.0444+0.5362i	0.7572-1.2114i	-0.5300-0.4231i	0.1323-0.5546i
53.8	38.8952-3.8920i	37.5738-2.9718i	1.0542+2.6850i	0.6248+1.5170i	0.1256+0.5781i	0.7978-1.3854i	-0.6382-0.5012i	-0.0992-0.4304i
53.9	39.5128-3.9241i	38.2392-2.9549i	1.1496+2.6327i	0.6491+1.5205i	0.1764+0.5646i	0.8018-1.4489i	-0.6684-0.4829i	-0.1995-0.3203i
54.0	40.5774-4.7316i	39.2784-3.5991i	1.4941+2.6947i	0.6688+1.6107i	0.2742+0.5379i	0.7165-1.6746i	-0.8012-0.4295i	-0.1535-0.1214i
54.1	40.4041-5.8144i	39.3152-4.4279i	1.8316+2.5480i	0.7451+1.7715i	0.3255+0.4651i	0.4483-1.7061i	-0.8701-0.2378i	-0.0732-0.1655i
54.2	40.2308-5.4291i	39.4180-4.0788i	1.8378+2.4156i	0.9060+1.7777i	0.2983+0.4497i	0.5069-1.5449i	-0.7296-0.1578i	-0.1780-0.1569i
54.3	41.1623-6.1827i	40.3983-4.6703i	2.3855+2.4873i	1.0380+1.7972i	0.4390+0.4543i	0.4704-1.8532i	-0.8434-0.1599i	-0.0773-0.0131i
54.4	41.0265-7.1966i	40.5142-5.4549i	3.0521+2.0493i	1.2123+1.8215i	0.5837+0.3011i	0.0958-2.0119i	-0.9817+0.0247i	0.0526-0.0352i
54.5	40.3537-7.7114i	40.2423-5.8699i	3.2847+1.3425i	1.2959+1.7325i	0.6028+0.1087i	-0.2183-1.9013i	-0.9553+0.2455i	0.0800-0.1204i
54.6	39.4334-7.2515i	39.7968-5.4773i	3.0165+0.6145i	1.4028+1.5973i	0.4967-0.0642i	-0.4165-1.5650i	-0.7688+0.4315i	0.0197-0.2598i
54.7	39.7660-5.8809i	40.3354-4.3711i	2.6721+0.4949i	1.4375+1.4602i	0.3715-0.0694i	-0.2657-1.3230i	-0.5815+0.3796i	-0.1854-0.2356i
54.8	41.1438-5.8277i	41.6747-4.4619i	2.6774+0.5186i	1.3953+1.4344i	0.4056-0.0257i	-0.1409-1.5358i	-0.6171+0.2708i	-0.2319-0.0130i
54.9	41.4349-6.9625i	42.1118-5.5070i	2.7769+0.0972i	1.4163+1.3806i	0.4705-0.1571i	-0.4137-1.7398i	-0.6840+0.3917i	-0.0265+0.1413i
55.0	40.9215-7.1101i	41.9740-5.6634i	2.3672-0.4769i	1.4341+1.3103i	0.3350-0.3057i	-0.7195-1.5402i	-0.5244+0.5521i	0.1308+0.0695i
55.1	41.0876-6.6062i	42.2244-5.2837i	1.9597-0.4487i	1.4089+1.2823i	0.2367-0.3171i	-0.7485-1.3414i	-0.4324+0.5419i	0.1458-0.0007i
55.2	41.3147-6.0862i	42.6279-4.9603i	1.5639-0.3003i	1.4147+1.2872i	0.1515-0.2755i	-0.8203-1.1748i	-0.3159+0.4674i	0.1585-0.0703i
55.3	41.4854-5.5091i	43.0002-4.4549i	1.4779-0.2282i	1.4042+1.3168i	0.1042-0.3179i	-0.8598-0.9438i	-0.2484+0.4756i	0.1648-0.1184i
55.4	41.8735-4.9781i	43.5233-4.0784i	1.2760-0.1416i	1.3528+1.3405i	0.0449-0.2931i	-0.7794-0.7462i	-0.2052+0.4377i	0.1350-0.1685i
55.5	42.7012-4.4666i	44.4179-3.7183i	1.3601+0.0831i	1.3580+1.3260i	0.0427-0.2325i	-0.6095-0.7359i	-0.2114+0.3679i	0.0771-0.1546i
55.6	43.9659-4.8915i	45.7531-4.1879i	1.5041+0.0023i	1.4488+1.3520i	0.0702-0.2595i	-0.6577-0.9559i	-0.2528+0.3627i	0.1076-0.0689i
55.7	44.1656-5.0827i	46.0801-4.3601i	1.4118-0.1215i	1.4755+1.4485i	0.0049-0.2904i	-0.8204-0.8114i	-0.2108+0.4490i	0.1561-0.1161i
55.8	44.6232-4.8600i	46.6557-4.2365i	1.3388-0.0511i	1.4549+1.4312i	-0.0491-0.2910i	-0.8595-0.6385i	-0.1965+0.4540i	0.1576-0.1652i
55.9	45.1702-4.4022i	47.3670-3.8478i	1.2533-0.0593i	1.5144+1.4282i	-0.0994-0.2866i	-0.8079-0.4479i	-0.1262+0.4300i	0.1405-0.2029i
56.0	46.1445-3.8836i	48.4199-3.4329i	1.1784-0.0067i	1.5025+1.4646i	-0.1106-0.2334i	-0.6074-0.3930i	-0.1253+0.3693i	0.0885-0.2134i

56.1	47.7148-4.2654i	50.0606-3.8437i	1.2988-0.0917i	1.5175+1.4989i	-0.0812-0.2570i	-0.5157-0.6087i	-0.1670+0.3778i	0.0532-0.1354i
56.2	47.7527-4.7844i	50.2363-4.3317i	1.3532-0.1854i	1.5591+1.4852i	-0.1079-0.3085i	-0.7326-0.5316i	-0.1119+0.4523i	0.1238-0.1403i
56.3	48.0417-4.5085i	50.6759-4.1021i	1.3050-0.1805i	1.6709+1.4921i	-0.1464-0.2995i	-0.7726-0.3477i	-0.0782+0.4626i	0.1385-0.1746i
56.4	48.6678-4.3431i	51.4366-4.0220i	1.2787-0.1686i	1.7238+1.5078i	-0.1851-0.2940i	-0.7224-0.2702i	-0.0542+0.4385i	0.1482-0.1914i
56.5	49.6265-4.1496i	52.5136-3.8812i	1.1447-0.1613i	1.7545+1.5370i	-0.2213-0.2624i	-0.6622-0.1944i	-0.0164+0.4416i	0.1603-0.2364i
56.6	50.0800-4.1282i	53.0802-3.8935i	1.1113-0.0910i	1.8060+1.5213i	-0.2210-0.2321i	-0.6486-0.1530i	0.0151+0.4220i	0.1701-0.2633i
56.7	50.8242-4.0754i	53.9862-3.9351i	1.0537-0.0754i	1.8616+1.5042i	-0.2195-0.2074i	-0.6152-0.0909i	0.0551+0.3606i	0.1736-0.2871i
56.8	51.6805-4.0356i	55.0023-3.9587i	1.1173-0.1147i	1.8999+1.4685i	-0.2321-0.2064i	-0.5554-0.0616i	0.0702+0.3341i	0.1781-0.2964i
56.9	52.5727-3.9168i	56.0671-3.8571i	1.2138-0.2337i	1.9869+1.4561i	-0.2568-0.1884i	-0.4938-0.0202i	0.1190+0.3262i	0.1609-0.3285i
57.0	53.4638-3.8546i	57.0533-3.8673i	1.1537-0.1265i	2.0153+1.4400i	-0.2596-0.1689i	-0.3989+0.0309i	0.1242+0.2861i	0.1243-0.3681i
57.1	54.8496-3.6345i	58.5369-3.6969i	1.1421-0.0357i	2.0305+1.4983i	-0.2543-0.1409i	-0.2876+0.0167i	0.0874+0.2349i	0.0785-0.4214i
57.2	56.5091-4.0348i	60.3276-4.1468i	1.2640-0.0371i	2.1052+1.5146i	-0.2141-0.1479i	-0.1990-0.1545i	0.0547+0.2053i	-0.0265-0.3654i
57.3	57.0968-4.7585i	61.0320-4.8728i	1.2790-0.0803i	2.1385+1.4959i	-0.2181-0.2054i	-0.3779-0.2418i	0.0470+0.2851i	0.0003-0.2907i
57.4	57.5361-4.8221i	61.6735-4.9132i	1.2727-0.1777i	2.1735+1.4818i	-0.2644-0.2241i	-0.4744-0.1157i	0.0803+0.3100i	0.0247-0.3094i
57.5	58.1181-4.9363i	62.4303-5.0362i	1.2137-0.0160i	2.1856+1.5015i	-0.2678-0.2103i	-0.4649-0.0414i	0.0637+0.2943i	-0.0014-0.3276i
57.6	58.9627-4.8925i	63.3200-5.1116i	1.0304+0.0116i	2.2906+1.4335i	-0.2791-0.2080i	-0.4499+0.0337i	0.0794+0.2872i	0.0047-0.3158i
57.7	60.2799-4.7422i	64.9147-5.1361i	1.0887-0.2675i	2.4099+1.3902i	-0.3093-0.1942i	-0.4420+0.0830i	0.1178+0.2581i	0.0607-0.3053i
57.8	61.3630-4.7558i	66.2439-5.1369i	1.0762-0.2971i	2.4881+1.4626i	-0.3272-0.1839i	-0.4181+0.1204i	0.1556+0.2409i	0.0548-0.3050i
57.9	62.2465-4.8222i	67.3210-5.2176i	1.1049-0.1190i	2.4550+1.4400i	-0.3429-0.1803i	-0.3811+0.1425i	0.1347+0.2241i	0.0437-0.3232i
58.0	63.3821-4.8778i	68.6360-5.2930i	1.3076-0.2812i	2.5013+1.4145i	-0.3677-0.1892i	-0.3546+0.1577i	0.1471+0.2156i	0.0732-0.3184i
58.1	64.4003-4.9913i	69.7985-5.3903i	1.2649-0.2546i	2.5010+1.4303i	-0.3841-0.1985i	-0.3332+0.1802i	0.1361+0.2140i	0.0867-0.3284i
58.2	65.6692-5.3701i	71.2574-5.8955i	1.0817-0.1365i	2.5781+1.3584i	-0.3959-0.1790i	-0.3407+0.2509i	0.1130+0.2194i	0.1067-0.3548i
58.3	66.8340-5.4021i	72.6301-5.9935i	1.2040-0.3766i	2.7136+1.3310i	-0.4019-0.1717i	-0.3000+0.3084i	0.1529+0.1975i	0.1452-0.3843i
58.4	68.2647-5.6165i	74.3275-6.2049i	1.6091-0.4169i	2.7566+1.3644i	-0.4376-0.1758i	-0.2323+0.2964i	0.1688+0.2143i	0.0804-0.4757i
58.5	69.4740-5.8358i	75.7138-6.5339i	1.4560-0.3319i	2.7483+1.3825i	-0.4551-0.1592i	-0.2490+0.2283i	0.1330+0.2023i	0.0503-0.4354i
58.6	70.3792-6.2734i	76.8048-7.0373i	1.4510-0.3714i	2.8049+1.3572i	-0.4763-0.1473i	-0.3203+0.2301i	0.1189+0.2471i	0.0824-0.4356i
58.7	71.8290-6.9633i	78.5714-7.8533i	1.2886-0.7549i	2.8936+1.3058i	-0.5024-0.1003i	-0.3400+0.2915i	0.1559+0.2164i	0.1025-0.4785i
58.8	72.9885-6.8915i	79.9836-7.7802i	1.4132-0.8195i	2.9750+1.2561i	-0.5105-0.1040i	-0.3043+0.3606i	0.2116+0.2075i	0.1009-0.5072i
58.9	74.2264-7.0810i	81.4916-8.0915i	1.1176-0.6106i	3.0042+1.2528i	-0.5020-0.0831i	-0.2992+0.3975i	0.1728+0.1995i	0.0830-0.5385i
59.0	75.6883-7.3355i	83.2464-8.4389i	1.1223-0.7465i	3.0552+1.1620i	-0.5201-0.0692i	-0.2681+0.4674i	0.2055+0.2063i	0.0884-0.6149i
59.1	77.4851-7.7212i	85.3190-8.8745i	1.0629-0.9845i	3.1246+1.1432i	-0.5376-0.0348i	-0.2567+0.5088i	0.2360+0.1939i	0.0644-0.6547i
59.2	78.8686-8.5929i	86.9225-9.9311i	0.8170-0.9087i	3.1982+1.1107i	-0.5302+0.0164i	-0.2562+0.5380i	0.2403+0.2048i	0.0129-0.6757i
59.3	80.4214-9.0718i	88.8199-10.5173i	0.8072-1.1331i	3.2086+1.0243i	-0.5455+0.0179i	-0.2240+0.6277i	0.2556+0.1822i	-0.0293-0.6947i
59.4	82.1664-9.4808i	90.8641-10.9943i	0.6826-1.3219i	3.2740+0.9803i	-0.5614+0.0251i	-0.1708+0.6812i	0.2917+0.1722i	-0.0688-0.7484i
59.5	83.7670-10.0990i	92.7893-11.7259i	0.7137-1.4409i	3.2607+0.9854i	-0.5521+0.0475i	-0.1173+0.7011i	0.3342+0.1679i	-0.1139-0.7809i
59.6	85.2740-10.7330i	94.5425-12.4973i	0.5506-1.5183i	3.3268+0.9192i	-0.5434+0.0673i	-0.0881+0.7311i	0.3635+0.1404i	-0.1713-0.7815i
59.7	87.2237-11.4750i	96.8650-13.4272i	0.2526-1.5621i	3.4201+0.9081i	-0.5585+0.1006i	-0.0307+0.7524i	0.3447+0.1315i	-0.2008-0.7973i
59.8	89.0325-11.8162i	99.0169-13.8477i	0.5392-1.4184i	3.4382+0.9131i	-0.5570+0.1012i	0.0031+0.8105i	0.3696+0.1616i	-0.2284-0.7775i
59.9	90.3635-12.1962i	100.8338-10.8788i	0.6497+1.8091i	3.6920+4.9859i	-0.5495+0.0691i	0.0380+0.8953i	0.3899+0.2152i	-0.2513-0.7743i
60.0	92.3294-13.1440i	109.7060-12.3454i	6.3403+1.7247i	11.5592+4.6636i	-0.6190+0.0828i	0.1106+0.9157i	0.4188+0.2294i	-0.3523-0.8504i
60.1	94.6378-14.5247i	109.8685-16.3760i	3.6441-0.8748i	8.5243+1.7110i	-0.5921+0.1417i	0.1382+0.8903i	0.4317+0.1535i	-0.3974-0.8585i
60.2	96.4156-15.5098i	108.0379-18.1562i	0.0914-1.3590i	3.9439+0.9385i	-0.5264+0.1629i	0.1515+0.9428i	0.4394+0.1225i	-0.4344-0.8647i
60.3	97.7755-16.5906i	109.5112-19.6237i	0.1688-1.2073i	3.5972+0.6730i	-0.5265+0.1516i	0.2464+0.9802i	0.4617+0.1322i	-0.5072-0.8828i
60.4	99.9179-17.8511i	112.1299-21.1324i	0.1779-1.2547i	3.7244+0.6287i	-0.5383+0.1654i	0.2787+0.9967i	0.4833+0.1136i	-0.5535-0.8812i
60.5	102.0096-18.8800i	114.5426-22.3653i	-0.2019-1.3349i	3.7557+0.5962i	-0.5416+0.1684i	0.3064+1.0203i	0.4577+0.0712i	-0.5824-0.8364i
60.6	104.0102-19.8949i	116.9550-23.6131i	-0.4488-1.6360i	3.7912+0.5072i	-0.5506+0.1712i	0.3805+1.0492i	0.4885+0.0291i	-0.6149-0.8035i
60.7	106.3864-20.9473i	119.7603-24.9669i	-0.5621-1.8234i	3.8615+0.4461i	-0.5557+0.1963i	0.4282+1.0437i	0.5202+0.0111i	-0.6744-0.7959i
60.8	108.4960-22.3104i	122.4259-26.5656i	-0.6832-2.2853i	3.9289+0.3693i	-0.5509+0.1952i	0.5098+1.0543i	0.5445-0.0287i	-0.7320-0.7717i
60.9	111.0956-24.2421i	125.4298-28.9041i	-1.3262-2.4796i	4.0018+0.2738i	-0.5625+0.2223i	0.5555+1.0839i	0.5473-0.0714i	-0.7486-0.7717i
61.0	112.9473-25.3688i	127.6511-30.2550i	-1.8521-2.5412i	4.0210+0.2711i	-0.5585+0.2387i	0.5715+1.0758i	0.5553-0.0816i	-0.7490-0.7670i
61.1	115.4894-27.0933i	130.7463-32.3315i	-2.7225-2.5903i	4.0852+0.2729i	-0.5704+0.2524i	0.5906+1.0544i	0.5350-0.1478i	-0.7403-0.7684i
61.2	117.9886-29.1052i	133.8167-34.8562i	-3.0430-2.5596i	4.1741+0.2601i	-0.5833+0.2697i	0.6581+1.0788i	0.5257-0.1535i	-0.7961-0.7757i
61.3	120.3259-31.0563i	136.5999-37.1086i	-3.1334-1.9981i	4.2011+0.2355i	-0.5734+0.2855i	0.7221+1.0915i	0.5436-0.1463i	-0.8565-0.7980i
61.4	122.6873-32.8455i	139.3938-39.2954i	-3.2515-2.2649i	4.2277+0.1052i	-0.5606+0.3028i	0.7387+1.0956i	0.5961-0.1512i	-0.9247-0.8056i
61.5	125.4992-36.2164i	142.7996-43.3609i	-3.9815-2.5555i	4.3936-0.0256i	-0.5601+0.3044i	0.8212+1.1044i	0.6055-0.2230i	-1.0051-0.7628i
61.6	128.8810-38.7524i	146.9495-46.3186i	-4.2756-2.7016i	4.4353-0.0280i	-0.5992+0.3305i	0.9294+1.0528i	0.6263-0.3002i	-1.1190-0.7343i
61.7	131.7476-40.5104i	150.4368-48.4606i	-4.5610-2.0113i	4.4675-0.0958i	-0.6119+0.3482i	0.9721+1.1132i	0.6197-0.2852i	-1.1946-0.7523i
61.8	133.9263-44.3969i	153.0982-53.1405i	-5.5793-1.8222i	4.5310-0.2536i	-0.5939+0.3877i	0.9831+1.0876i	0.6364-0.3467i	-1.2724-0.7047i
61.9	135.8834-48.2218i	155.4900-57.7901i	-6.8766-0.7869i	4.6089-0.2932i	-0.5759+0.4188i	0.9693+1.0814i	0.5630-0.3796i	-1.3355-0.6834i
62.0	138.0668-51.5089i	158.1603-61.8352i	-7.7001-0.5499i	4.6513-0.3809i	-0.5712+0.4204i	0.9929+1.0734i	0.5707-0.4133i	-1.3932-0.6050i
62.1	139.9125-54.9295i	160.4151-65.8931i	-8.3439-0.4162i	4.7359-0.4430i	-0.5629+0.4485i	1.0282+1.0541i	0.5699-0.4739i	-1.4299-0.5419i
62.2	142.3030-58.4284i	163.3787-70.1600i	-8.7773+0.5256i	4.8173-0.5520i	-0.5497+0.4834i	1.0027+1.0788i	0.5455-0.4781i	-1.4971-0.5013i
62.3	144.5915-62.7111i	166.2410-75.4161i	-9.2241+1.6044i	4.8456-0.7350i	-0.5480+0.4860i	1.0224+1.1203i	0.5718-0.5200i	-1.5525-0.4158i

62.4	146.6179-67.7487i	168.6977-81.5517i	-10.5021+2.5051i	4.9620-0.9043i	-0.5413+0.5033i	1.0360+1.1555i	0.5296-0.5707i	-1.6145-0.3828i
62.5	148.4685-72.1533i	171.0485-86.8732i	-10.9263+3.0349i	5.0550-0.9821i	-0.5262+0.5256i	1.0901+1.1867i	0.5150-0.6156i	-1.6318-0.2828i
62.6	149.5475-75.3914i	172.4069-90.7835i	-11.1214+4.3761i	5.0217-1.0328i	-0.5256+0.5531i	1.1265+1.2100i	0.4634-0.6044i	-1.6525-0.1860i
62.7	151.7031-80.4662i	175.2175-97.0883i	-11.9489+5.8175i	5.1465-1.1202i	-0.5187+0.5695i	1.1431+1.2601i	0.4316-0.6410i	-1.6508-0.0903i
62.8	152.9787-87.6389i	176.8271-105.7895i	-12.8659+7.2680i	5.1570-1.3545i	-0.5092+0.6058i	1.1839+1.2970i	0.4145-0.7039i	-1.6877+0.0238i
62.9	154.1839-92.9284i	178.3395-112.1841i	-13.1896+8.5003i	5.1861-1.5367i	-0.4911+0.6151i	1.2304+1.3555i	0.4105-0.7399i	-1.7194+0.0764i
63.0	156.7730-98.2373i	181.6262-118.8297i	-13.3475+10.3057i	5.3371-1.7302i	-0.4826+0.6365i	1.2812+1.4565i	0.4009-0.7672i	-1.7289+0.1436i
63.1	157.3628-105.3081i	182.3387-127.5576i	-14.1142+11.9899i	5.4055-2.0179i	-0.4665+0.6877i	1.3265+1.5461i	0.3551-0.8157i	-1.7105+0.1891i
63.2	156.8636-112.3384i	181.8480-136.2325i	-14.4673+14.7616i	5.3613-2.2833i	-0.4366+0.7168i	1.4180+1.6623i	0.2889-0.8645i	-1.6861+0.2560i
63.3	156.4534-118.2036i	181.2757-143.4434i	-14.0486+16.5302i	5.3719-2.4553i	-0.4056+0.7146i	1.5226+1.6808i	0.2587-0.8969i	-1.6439+0.3095i
63.4	157.1033-123.6429i	182.0982-150.2687i	-13.1379+18.3694i	5.3540-2.6382i	-0.3863+0.7374i	1.6169+1.7445i	0.2119-0.9068i	-1.6607+0.3469i
63.5	155.2365-132.8786i	179.9180-161.6208i	-12.4171+21.1807i	5.2458-3.0005i	-0.3406+0.7686i	1.7806+1.8364i	0.1334-0.9549i	-1.6583+0.4032i
63.6	154.7467-139.7512i	179.5042-170.2469i	-11.5766+23.7474i	5.2298-3.2776i	-0.3127+0.7782i	1.9167+1.9651i	0.1086-0.9608i	-1.6618+0.4154i
63.7	151.5929-148.0322i	175.6771-180.6708i	-10.7378+26.2508i	5.1163-3.5512i	-0.2701+0.8015i	2.0458+2.0340i	0.0025-1.0013i	-1.6391+0.3970i
63.8	147.4301-154.3981i	170.5302-188.5276i	-8.4640+28.8865i	4.8871-3.7435i	-0.2122+0.8027i	2.2207+2.0996i	-0.0638-0.9607i	-1.6786+0.4150i
63.9	144.7025-160.6645i	167.1377-196.3084i	-6.7616+31.5227i	4.7707-4.0024i	-0.1687+0.8062i	2.4048+2.1808i	-0.1190-0.9412i	-1.7093+0.4628i
64.0	141.8114-166.1337i	163.5161-203.1452i	-3.5163+33.9374i	4.5987-4.1538i	-0.1352+0.7869i	2.6208+2.2232i	-0.1961-0.8406i	-1.7498+0.4455i
64.1	137.1963-173.8997i	157.9518-212.9184i	-1.3077+35.6533i	4.4267-4.4442i	-0.0952+0.7818i	2.8562+2.2076i	-0.2469-0.8393i	-1.8342+0.4981i
64.2	133.5579-183.5276i	153.5149-224.8853i	1.3213+37.5115i	4.3009-4.7736i	-0.0746+0.7841i	3.1556+2.2294i	-0.2855-0.8864i	-1.9112+0.5943i
64.3	126.1213-186.4495i	144.4133-228.8964i	5.2333+39.9741i	3.9263-4.9028i	-0.0282+0.7503i	3.4351+2.1910i	-0.3895-0.7859i	-1.9438+0.6220i
64.4	117.6959-191.3965i	134.0938-235.2177i	8.9302+41.7486i	3.5679-5.0616i	0.0097+0.7092i	3.7456+2.0826i	-0.5120-0.7338i	-2.0265+0.7205i
64.5	114.5218-195.8830i	129.9971-240.8278i	12.8741+42.0757i	3.4593-5.2212i	0.0200+0.7009i	3.9769+2.0173i	-0.4811-0.6352i	-2.1764+0.7708i
64.6	105.8141-200.5002i	119.0185-246.7618i	17.0745+43.2827i	3.0203-5.2555i	0.0568+0.6710i	4.2338+1.8553i	-0.5341-0.5309i	-2.2445+0.9883i
64.7	100.4962-203.8592i	112.0232-251.0458i	23.3959+43.3198i	2.6033-5.3099i	0.0684+0.6349i	4.5850+1.6597i	-0.5294-0.4205i	-2.2911+1.1982i
64.8	95.0622-205.2654i	105.1101-252.9171i	27.8723+41.9613i	2.2861-5.2654i	0.0699+0.5835i	4.8163+1.4449i	-0.5172-0.3482i	-2.3329+1.3467i
64.9	85.6039-209.0821i	93.3347-257.6636i	32.9804+40.7401i	1.9754-5.2118i	0.0974+0.5729i	5.0631+1.1028i	-0.4922-0.2396i	-2.4220+1.5112i
65.0	76.2376-214.5374i	81.6111-264.3789i	36.4719+38.1069i	1.6327-5.2594i	0.1255+0.5733i	5.2435+0.7735i	-0.4496-0.2547i	-2.5001+1.8304i
65.1	69.7844-215.8528i	73.2792-266.1040i	41.4096+35.9782i	1.2761-5.2087i	0.1135+0.5428i	5.4187+0.5253i	-0.3652-0.1419i	-2.5229+2.1350i
65.2	64.1847-215.1964i	66.1165-265.5194i	45.5065+34.0498i	1.0433-5.0776i	0.0966+0.5201i	5.5086+0.2429i	-0.3281-0.0324i	-2.4156+2.3905i
65.3	57.3703-216.8047i	57.4894-267.5145i	48.3629+29.6032i	0.8502-4.9226i	0.0952+0.5044i	5.5790-0.0801i	-0.2188-0.0388i	-2.3141+2.7290i
65.4	47.0146-215.5514i	44.3689-265.7662i	51.5295+24.7360i	0.5794-4.6836i	0.1075+0.4779i	5.5329-0.4883i	-0.1017-0.0524i	-1.9925+3.0910i
65.5	39.8052-215.0455i	35.3267-265.1220i	55.4692+21.2600i	0.3817-4.5845i	0.1079+0.4451i	5.5477-0.7887i	0.0036-0.0285i	-1.7945+3.3014i
65.6	33.6252-214.7930i	27.3675-264.8305i	57.6730+16.9339i	0.2150-4.4281i	0.1080+0.4223i	5.5523-1.0962i	0.0998-0.0584i	-1.5682+3.5034i
65.7	28.0130-214.3949i	20.1966-264.1603i	59.5739+11.8488i	0.1036-4.2074i	0.0873+0.4080i	5.4745-1.4256i	0.2228-0.0965i	-1.2401+3.6728i
65.8	23.4319-211.7237i	14.4396-260.8405i	61.4199+6.5182i	0.0375-4.0836i	0.0453+0.3999i	5.3586-1.6309i	0.3389-0.1424i	-0.9046+3.7751i
65.9	18.1832-210.9867i	7.7582-259.7548i	62.4571+1.5086i	-0.1592-3.9810i	0.0544+0.3958i	5.3315-1.8662i	0.4174-0.1940i	-0.6451+3.9334i
66.0	10.8017-210.3934i	-1.3047-259.1322i	62.1979-5.9082i	-0.2141-3.7152i	0.0669+0.3518i	5.2158-2.2330i	0.5445-0.3680i	-0.1471+4.0714i
66.1	4.6540-207.2460i	-9.1321-255.0439i	61.9199-8.5406i	-0.3089-3.6869i	0.0287+0.3453i	5.0194-2.3264i	0.5632-0.4324i	0.2454+4.0473i
66.2	0.1943-205.3743i	-14.8272-252.4255i	60.0367-13.5646i	-0.3816-3.6056i	0.0051+0.3561i	4.8703-2.4660i	0.5819-0.5948i	0.6087+3.9289i
66.3	-2.3659-202.9167i	-18.0097-249.1495i	58.7265-19.4890i	-0.3336-3.3240i	-0.0202+0.3614i	4.7421-2.6193i	0.6325-0.7294i	0.9792+3.7159i
66.4	-6.4868-198.6967i	-23.2009-243.7993i	57.9754-22.3878i	-0.4310-3.1003i	-0.0455+0.3554i	4.6299-2.7274i	0.6055-0.7787i	1.2651+3.5093i
66.5	-8.8690-195.6930i	-26.3947-239.8550i	56.0159-26.8464i	-0.5471-2.9150i	-0.0688+0.3714i	4.5584-2.8273i	0.5529-0.9171i	1.4735+3.2387i
66.6	-13.6811-193.8105i	-32.5319-237.3405i	52.2586-30.6975i	-0.5633-2.8232i	-0.0743+0.3958i	4.4424-3.0371i	0.4721-1.0755i	1.7360+2.9145i
66.7	-19.7573-194.0819i	-39.7817-237.5591i	47.1469-35.6248i	-0.5503-2.7420i	-0.0678+0.4235i	4.3171-3.2314i	0.3796-1.2962i	1.9753+2.6736i
66.8	-22.7512-190.5038i	-43.5190-232.8229i	43.7759-39.0235i	-0.5337-2.5640i	-0.0667+0.4460i	4.1995-3.2886i	0.2730-1.4155i	2.0273+2.4230i
66.9	-24.8080-187.0363i	-46.3324-228.4043i	41.9030-40.1199i	-0.5350-2.5144i	-0.0575+0.4548i	4.0976-3.3258i	0.1958-1.4432i	2.0296+2.1789i
67.0	-27.8175-186.3815i	-50.0046-227.7615i	39.6003-41.9425i	-0.4852-2.5213i	-0.0395+0.4692i	3.9812-3.4582i	0.1339-1.4343i	2.0544+1.9858i
67.1	-30.9074-182.1319i	-53.9574-222.4713i	35.0497-43.8366i	-0.4433-2.3129i	-0.0341+0.4673i	3.8462-3.5510i	-0.0435-1.5050i	2.0916+1.7238i
67.2	-32.5235-177.9832i	-55.9361-217.2100i	32.0389-44.8461i	-0.5047-2.1875i	-0.0217+0.4603i	3.7210-3.5060i	-0.1421-1.5811i	2.0501+1.4939i
67.3	-35.1630-176.6495i	-59.0917-215.4913i	29.3522-46.6290i	-0.4815-2.1998i	0.0162+0.4680i	3.6128-3.5069i	-0.2164-1.6216i	1.9361+1.3066i
67.4	-37.4510-175.2671i	-61.8636-213.5775i	25.7375-46.8216i	-0.4968-2.0418i	0.0145+0.4678i	3.6427-3.6294i	-0.3808-1.6135i	1.9236+1.1701i
67.5	-38.2908-172.4726i	-63.1298-209.9604i	22.3549-47.7247i	-0.5392-1.9159i	0.0030+0.4509i	3.6887-3.6716i	-0.5281-1.6513i	1.8735+1.0528i
67.6	-41.1429-168.4066i	-66.8133-204.8531i	18.5801-48.5261i	-0.4679-1.8717i	0.0149+0.4418i	3.5914-3.7398i	-0.6873-1.6618i	1.7668+0.8787i
67.7	-42.5861-167.7870i	-68.6198-204.0450i	14.8580-48.8284i	-0.4038-1.8255i	0.0021+0.4341i	3.5856-3.8717i	-0.8529-1.6456i	1.6409+0.8006i
67.8	-45.2069-166.1963i	-71.8652-202.0218i	11.6443-48.5305i	-0.4442-1.7551i	-0.0037+0.4283i	3.5420-4.0061i	-0.9723-1.5902i	1.5785+0.7481i
67.9	-47.6929-163.8058i	-75.0010-198.9745i	10.0028-47.6202i	-0.3895-1.7017i	0.0030+0.4457i	3.4530-4.1382i	-1.0705-1.4766i	1.5272+0.6689i
68.0	-49.0675-160.3337i	-76.8639-194.5128i	7.5667-45.4612i	-0.3934-1.6040i	-0.0095+0.4288i	3.3922-4.2657i	-1.1726-1.3687i	1.4639+0.6420i
68.1	-51.4312-158.4228i	-79.9060-192.1004i	3.7967-44.2086i	-0.3578-1.5026i	-0.0072+0.4202i	3.3250-4.4454i	-1.2781-1.2980i	1.4120+0.6059i
68.2	-53.9555-155.1042i	-83.0562-188.0416i	2.0844-43.7163i	-0.4076-1.4929i	0.0031+0.4158i	3.1789-4.5225i	-1.3210-1.2206i	1.4160+0.5824i
68.3	-55.1511-153.7699i	-84.7096-186.2819i	0.7935-42.5896i	-0.4573-1.4619i	-0.0157+0.4399i	3.1169-4.6703i	-1.3664-1.1071i	1.3552+0.5689i
68.4	-56.7005-153.3393i	-86.5427-185.4872i	-1.2497-42.3153i	-0.3468-1.3079i	-0.0259+0.4511i	3.0235-4.8961i	-1.4246-0.9926i	1.3645+0.5479i
68.5	-58.7007-151.1310i	-89.1951-182.5635i	-3.4226-41.8941i	-0.2210-1.3189i	-0.0083+0.4455i	2.8110-5.0238i	-1.4099-0.9402i	1.3009+0.5185i
68.6	-61.2381-148.9518i	-92.3389-179.8518i	-5.5465-39.5617i	-0.1524-1.3534i	-0.0025+0.4421i	2.6213-5.1241i	-1.4371-0.8329i	1.2845+0.4800i

68.7	-63.1595-147.6276i	-94.6479-178.0690i	-7.3680-39.0194i	-0.1367-1.3133i	0.0159+0.4575i	2.4904-5.2932i	-1.4444-0.7160i	1.2625+0.5007i
68.8	-63.5485-144.4326i	-95.1142-173.9579i	-7.5264-37.8403i	-0.1402-1.2694i	0.0057+0.4476i	2.3577-5.3777i	-1.4514-0.6204i	1.2114+0.4352i
68.9	-64.8692-141.9689i	-96.7336-170.7598i	-7.6744-36.6736i	-0.1143-1.2698i	0.0084+0.4422i	2.1738-5.4013i	-1.4221-0.5609i	1.2045+0.4090i
69.0	-66.0175-140.7959i	-98.0835-169.1167i	-9.2366-35.7729i	-0.1091-1.1686i	0.0008+0.4642i	2.0394-5.5500i	-1.4304-0.4592i	1.1736+0.4354i
69.1	-67.5638-136.8744i	-100.1973-163.9898i	-9.9855-33.7643i	-0.1358-1.1767i	-0.0095+0.4642i	1.8807-5.5710i	-1.4316-0.3823i	1.1252+0.3940i
69.2	-69.0265-134.0368i	-102.2047-160.3602i	-10.6974-32.7767i	-0.0812-1.2273i	0.0019+0.4601i	1.6967-5.6102i	-1.3950-0.3260i	1.0702+0.3749i
69.3	-70.7702-132.4329i	-104.1824-158.1431i	-11.9381-31.4871i	-0.0610-1.1854i	-0.0015+0.4678i	1.4823-5.7661i	-1.3671-0.2609i	1.0472+0.3573i
69.4	-72.6903-130.2647i	-106.5213-155.2904i	-12.6376-30.2184i	-0.0515-1.2007i	0.0134+0.4735i	1.2613-5.8188i	-1.3384-0.2245i	1.0310+0.3307i
69.5	-74.6243-126.8151i	-108.7605-151.0405i	-13.3145-28.8125i	-0.0025-1.2738i	0.0299+0.4692i	0.9939-5.8251i	-1.2951-0.1920i	0.9338+0.3637i
69.6	-75.3689-124.3005i	-109.8121-147.7934i	-14.9184-27.7802i	-0.0563-1.2550i	0.0228+0.4673i	0.8198-5.8172i	-1.2744-0.1777i	0.9645+0.4122i
69.7	-74.9733-121.6224i	-109.2873-144.2291i	-14.3570-27.0421i	-0.1288-1.2654i	0.0091+0.4779i	0.6734-5.8018i	-1.2768-0.1503i	0.9501+0.4443i
69.8	-76.5028-119.3569i	-111.0791-141.3190i	-14.7707-25.5998i	-0.1751-1.2587i	0.0235+0.4797i	0.4389-5.8395i	-1.2217-0.1162i	0.9826+0.4255i
69.9	-77.6957-115.7501i	-112.5484-136.7947i	-15.1624-24.4655i	-0.2095-1.2379i	0.0318+0.4791i	0.1571-5.8074i	-1.2151-0.0760i	0.9711+0.3894i
70.0	-78.0451-113.6304i	-112.7438-134.0736i	-15.0462-24.1497i	-0.2473-1.1475i	0.0318+0.4839i	-0.0882-5.7991i	-1.1817-0.0255i	0.9698+0.4127i
70.1	-78.2669-111.6874i	-112.9699-131.5947i	-15.1081-24.0895i	-0.2900-1.0705i	0.0385+0.4914i	-0.2452-5.7687i	-1.1253-0.0143i	0.9560+0.4383i
70.2	-78.9447-108.6682i	-113.5975-127.6219i	-15.2729-22.8863i	-0.3020-1.0824i	0.0540+0.4937i	-0.4441-5.7079i	-1.0928+0.0046i	0.9444+0.4509i
70.3	-80.0452-105.4788i	-114.8190-123.6534i	-16.4509-21.8914i	-0.2390-1.0818i	0.0720+0.4912i	-0.6964-5.5640i	-1.0558+0.0039i	0.9622+0.4294i
70.4	-80.2132-103.2644i	-115.0519-120.8277i	-16.6950-21.5359i	-0.2497-0.9693i	0.0902+0.4928i	-0.8353-5.5234i	-1.0378+0.0151i	0.9892+0.4618i
70.5	-80.1248-100.0145i	-114.7169-116.7089i	-16.2235-20.3865i	-0.2992-0.9394i	0.0846+0.4827i	-1.0440-5.4485i	-1.0339+0.0336i	1.0213+0.4803i
70.6	-79.4764-97.4779i	-113.7323-113.6686i	-16.1094-20.0733i	-0.2892-0.9056i	0.0826+0.4674i	-1.1808-5.2862i	-1.0184+0.0154i	1.0518+0.4544i
70.7	-80.5141-94.5004i	-114.9266-110.0018i	-16.1356-19.0823i	-0.3300-0.8750i	0.1033+0.4573i	-1.3841-5.1627i	-0.9715-0.0044i	1.0600+0.4536i
70.8	-78.4383-91.7965i	-112.5771-106.5964i	-16.7896-18.5120i	-0.3923-0.8574i	0.0777+0.4722i	-1.3547-5.0243i	-1.0244+0.0074i	1.0687+0.4855i
70.9	-79.0542-89.5200i	-113.1458-103.8689i	-16.9100-18.0656i	-0.4202-0.8018i	0.0982+0.4519i	-1.5977-4.8959i	-0.9896+0.0098i	1.1196+0.5042i
71.0	-78.9163-87.0437i	-112.8502-100.8390i	-17.1201-17.7300i	-0.4052-0.7234i	0.1116+0.4393i	-1.7695-4.7655i	-0.9780-0.0240i	1.1435+0.4774i
71.1	-77.0148-84.0354i	-110.5481-97.2200i	-16.8397-17.4255i	-0.4579-0.7131i	0.0869+0.4191i	-1.7805-4.5949i	-0.9849-0.0357i	1.1772+0.4695i
71.2	-77.4015-82.5875i	-110.9266-95.4514i	-17.4056-16.7066i	-0.4420-0.6682i	0.1032+0.3996i	-1.9162-4.4716i	-0.9414-0.0216i	1.2233+0.4624i
71.3	-76.8824-80.5246i	-110.1805-92.9110i	-17.8259-16.1484i	-0.4853-0.5633i	0.1029+0.3989i	-2.0114-4.3541i	-0.9511-0.0308i	1.3207+0.4250i
71.4	-75.9207-78.2558i	-108.9352-90.0968i	-18.2178-15.7991i	-0.4595-0.5235i	0.0975+0.3793i	-2.0969-4.1747i	-0.9571-0.0407i	1.3394+0.3855i
71.5	-74.8063-76.2471i	-107.5993-87.6560i	-18.5997-15.3977i	-0.3988-0.3924i	0.0972+0.3653i	-2.1748-4.0136i	-0.9454-0.0558i	1.3833+0.3403i
71.6	-74.1273-74.2618i	-106.8894-85.2827i	-18.4706-14.8014i	-0.4060-0.2584i	0.0930+0.3472i	-2.2653-3.8748i	-0.9513-0.0728i	1.4867+0.3038i
71.7	-73.5223-72.4508i	-106.2205-83.1731i	-18.6932-14.4185i	-0.3354-0.2436i	0.0884+0.3436i	-2.3305-3.7395i	-0.9513-0.0800i	1.5151+0.2499i
71.8	-72.2314-70.9085i	-104.5191-81.3184i	-18.7605-14.4962i	-0.3185-0.2893i	0.0676+0.3366i	-2.3204-3.5903i	-0.9566-0.0879i	1.5190+0.1810i
71.9	-70.2971-68.0833i	-102.0439-77.9921i	-18.5276-13.7713i	-0.3796-0.2280i	0.0486+0.3157i	-2.3145-3.3348i	-0.9981-0.0783i	1.5566+0.0562i
72.0	-69.1315-67.1675i	-100.7640-76.8600i	-18.9118-13.2861i	-0.3489-0.1535i	0.0498+0.3318i	-2.3418-3.2611i	-1.0351-0.0527i	1.6032+0.0135i
72.1	-67.4784-65.7402i	-99.1245-75.1517i	-19.0984-12.8274i	-0.3308-0.0730i	0.0287+0.3322i	-2.2950-3.1010i	-1.0549-0.0828i	1.6037-0.0724i
72.2	-67.2521-62.9043i	-98.9108-71.8088i	-19.5022-12.1775i	-0.2807-0.0818i	0.0051+0.2751i	-2.3306-2.8526i	-1.0376-0.1711i	1.5411-0.1731i
72.3	-66.7823-61.7160i	-98.2659-70.4581i	-19.9313-11.2613i	-0.2272-0.0938i	-0.0050+0.2750i	-2.3004-2.7322i	-1.0236-0.1292i	1.4917-0.2165i
72.4	-64.2177-61.1289i	-95.3626-69.5426i	-20.4462-10.9089i	-0.2222-0.0508i	-0.0702+0.3064i	-2.1728-2.6730i	-1.1316-0.0835i	1.4503-0.2590i
72.5	-62.2461-60.2189i	-93.1466-68.2919i	-20.8773-10.6057i	-0.2204+0.0051i	-0.1186+0.3164i	-2.0709-2.6179i	-1.2091-0.0596i	1.4127-0.2541i
72.6	-61.4839-59.4657i	-92.3928-67.3515i	-20.9579-10.3298i	-0.2482+0.1251i	-0.1152+0.3082i	-2.0592-2.5148i	-1.1934-0.0640i	1.4345-0.2840i
72.7	-60.7707-58.4979i	-91.6622-66.2331i	-20.7036-10.0128i	-0.2273+0.1666i	-0.1340+0.2992i	-2.0147-2.3885i	-1.1990-0.0821i	1.4240-0.3263i
72.8	-60.3986-57.7403i	-91.2052-65.3088i	-20.8746-9.3367i	-0.1753+0.2329i	-0.1371+0.3016i	-2.0363-2.3173i	-1.1797-0.0543i	1.4037-0.3653i
72.9	-58.4530-56.2199i	-89.0338-63.4518i	-21.2645-8.8991i	-0.0783+0.2872i	-0.1928+0.2932i	-1.8981-2.2375i	-1.2689-0.0720i	1.3895-0.4192i
73.0	-57.2147-55.7384i	-87.6237-62.5740i	-21.4748-8.0257i	-0.1029+0.2692i	-0.2272+0.3417i	-1.8235-2.2091i	-1.3277-0.0141i	1.3761-0.4507i
73.1	-55.4331-55.1674i	-85.5826-61.6489i	-21.9395-7.2583i	-0.1144+0.3392i	-0.2781+0.3709i	-1.7252-2.1360i	-1.3881+0.0416i	1.3378-0.5144i
73.2	-54.3574-54.0927i	-84.5176-60.2853i	-22.0041-7.0259i	-0.0718+0.3567i	-0.3197+0.3579i	-1.6151-2.0950i	-1.4184+0.0084i	1.3069-0.5301i
73.3	-52.7192-53.0003i	-82.6860-58.7001i	-22.5338-5.9866i	-0.0640+0.3617i	-0.3772+0.3898i	-1.4829-2.0924i	-1.5063+0.0423i	1.2857-0.5685i
73.4	-51.7402-52.8975i	-81.7415-58.4819i	-22.6473-5.6253i	-0.0035+0.4767i	-0.3900+0.4100i	-1.4478-2.1085i	-1.4892+0.0703i	1.2934-0.5922i
73.5	-50.8277-52.7176i	-80.7938-57.9926i	-23.3802-4.9251i	0.0946+0.4707i	-0.4173+0.4639i	-1.4264-2.1291i	-1.5341+0.1484i	1.2728-0.6184i
73.6	-49.2964-52.9598i	-79.0373-57.8661i	-24.1387-3.9314i	0.1808+0.4552i	-0.4760+0.5358i	-1.3607-2.1488i	-1.6396+0.2347i	1.2821-0.6749i
73.7	-47.4218-51.6269i	-77.0221-56.1969i	-24.1943-3.0911i	0.2205+0.5094i	-0.5384+0.5657i	-1.2352-2.0790i	-1.7190+0.2318i	1.2717-0.7508i
73.8	-46.6413-51.3786i	-76.1183-55.8443i	-23.8441-2.4070i	0.3173+0.5882i	-0.5266+0.6114i	-1.2608-2.0687i	-1.6790+0.2911i	1.2737-0.7959i
73.9	-45.3407-52.1659i	-74.5685-56.3483i	-24.1299-1.2873i	0.3325+0.6140i	-0.5427+0.7047i	-1.2125-2.1338i	-1.7182+0.4150i	1.2658-0.8841i
74.0	-44.6940-53.0293i	-73.7798-56.9721i	-24.6257-0.2302i	0.4428+0.6033i	-0.5477+0.7659i	-1.2375-2.1755i	-1.7238+0.4756i	1.2562-0.9630i
74.1	-43.4524-51.9805i	-72.5497-55.5300i	-24.2342+0.6752i	0.4495+0.5416i	-0.5835+0.8056i	-1.0785-2.1498i	-1.7483+0.4989i	1.1539-1.0271i
74.2	-42.7058-52.3877i	-71.6315-55.5176i	-24.0425+1.7419i	0.4091+0.4833i	-0.5765+0.8895i	-1.0414-2.2622i	-1.7557+0.5974i	1.0893-1.0632i
74.3	-42.3544-53.0693i	-71.1971-55.7327i	-24.3980+2.9752i	0.4286+0.5363i	-0.5563+0.9751i	-1.0567-2.3660i	-1.7550+0.6940i	1.0509-1.1369i
74.4	-41.4460-52.5375i	-70.1202-55.0533i	-24.2158+3.5531i	0.4802+0.5415i	-0.5711+1.0181i	-1.0194-2.3591i	-1.7717+0.7181i	0.9418-1.1618i
74.5	-39.9926-53.0017i	-68.4346-55.1212i	-24.1581+4.8405i	0.5639+0.4529i	-0.5807+1.1288i	-0.9983-2.4685i	-1.8233+0.8344i	0.8769-1.1796i
74.6	-39.0113-54.4993i	-66.8696-56.0658i	-23.7757+7.2023i	0.4897+0.4571i	-0.5327+1.2947i	-1.0176-2.6831i	-1.8452+1.0658i	0.7663-1.2205i
74.7	-37.6061-55.0772i	-65.1525-56.4120i	-23.3924+8.3427i	0.4795+0.4251i	-0.5193+1.4142i	-1.0355-2.8200i	-1.8456+1.2026i	0.7019-1.1925i
74.8	-38.0448-55.0257i	-65.3551-56.1420i	-22.8571+8.9173i	0.4712+0.5472i	-0.4819+1.4410i	-1.1534-2.8271i	-1.7939+1.2211i	0.6386-1.2081i
74.9	-38.5129-55.4439i	-65.6320-56.3792i	-22.0754+9.6134i	0.4527+0.5147i	-0.3999+1.4873i	-1.2581-2.8503i	-1.7259+1.2935i	0.5860-1.2023i

75.0	-38.2903-56.2647i	-65.0019-57.0845i	-20.8408+10.7803i	0.3988+0.5139i	-0.2901+1.5745i	-1.3191-2.9266i	-1.6192+1.4566i	0.5189-1.1892i
75.1	-37.7302-56.1819i	-64.1297-56.7723i	-20.5650+11.6538i	0.3585+0.5180i	-0.2713+1.6436i	-1.3615-2.9376i	-1.6179+1.5252i	0.4567-1.1974i
75.2	-37.9044-55.8998i	-64.0061-56.2627i	-19.9492+12.0455i	0.4262+0.5606i	-0.2282+1.6780i	-1.4810-2.9042i	-1.5722+1.5334i	0.4000-1.2080i
75.3	-38.1146-56.2607i	-63.8748-56.4795i	-18.7877+13.0468i	0.3740+0.5724i	-0.1285+1.7405i	-1.6290-2.9138i	-1.4600+1.6355i	0.3331-1.1821i
75.4	-37.8749-57.3880i	-63.2045-57.5004i	-17.6376+15.0297i	0.3592+0.6178i	0.0087+1.8740i	-1.7971-2.9763i	-1.3558+1.8368i	0.2958-1.1420i
75.5	-38.0914-57.0356i	-63.0701-56.8659i	-16.8083+16.0309i	0.4119+0.5424i	0.0837+1.9283i	-1.9654-2.9429i	-1.2957+1.9169i	0.2430-1.0971i
75.6	-37.6766-57.1027i	-62.2039-56.5020i	-15.8083+17.2487i	0.3826+0.3152i	0.1540+2.0274i	-2.0610-2.9644i	-1.2721+2.0414i	0.1895-1.0621i
75.7	-38.1402-56.6991i	-62.4719-56.2158i	-15.1678+17.0055i	0.2829+0.3222i	0.2349+2.0261i	-2.0996-2.8795i	-1.1769+2.0792i	0.1582-1.0536i
75.8	-38.7745-56.6848i	-62.7454-56.4033i	-13.2597+17.0526i	0.2911+0.6212i	0.3985+1.9788i	-2.1927-2.6903i	-0.9534+2.0373i	0.1324-1.0422i
75.9	-39.0951-56.5726i	-62.8492-56.3990i	-11.8537+17.2999i	0.1748+0.7350i	0.5360+1.9688i	-2.2531-2.5661i	-0.7731+2.0721i	0.1146-1.0256i
76.0	-40.2622-56.7659i	-63.2580-56.7209i	-8.9001+18.1366i	-0.0421+0.8674i	0.7837+1.9875i	-2.4111-2.4667i	-0.5352+2.1917i	0.0099-0.9816i
76.1	-40.1544-56.9755i	-62.8407-56.6433i	-8.1065+19.0274i	-0.0713+0.9501i	0.8530+2.0611i	-2.5088-2.4537i	-0.5011+2.2536i	-0.0137-0.9979i
76.2	-40.8378-56.2502i	-63.3856-55.9889i	-7.2848+18.4530i	-0.0457+1.0248i	0.9414+1.9856i	-2.5001-2.2956i	-0.3798+2.1940i	-0.0639-0.9807i
76.3	-41.0197-55.6752i	-63.3158-55.6053i	-6.3206+18.0716i	0.0252+1.0898i	1.0510+1.9161i	-2.5012-2.1786i	-0.2372+2.1373i	-0.0785-0.9311i
76.4	-41.4997-55.3912i	-63.4073-55.6463i	-4.3535+17.5745i	0.0112+1.4317i	1.2089+1.8454i	-2.5796-2.0580i	-0.0322+2.1016i	-0.0860-0.9047i
76.5	-41.8352-55.4253i	-63.2644-55.6309i	-2.7434+18.0737i	-0.0182+1.4743i	1.3530+1.8720i	-2.5443-2.0095i	0.0614+2.1494i	-0.1586-0.9309i
76.6	-41.4639-54.3745i	-62.7547-54.4293i	-2.1654+17.7750i	-0.0216+1.4771i	1.4014+1.8158i	-2.4557-1.9647i	0.1239+2.0790i	-0.2803-0.8886i
76.7	-41.6027-53.7343i	-62.9052-53.8766i	-1.8399+16.7949i	0.1693+1.6458i	1.4260+1.7254i	-2.4256-1.9211i	0.1591+1.9551i	-0.3078-0.8335i
76.8	-41.6788-53.5538i	-62.6097-53.8734i	-0.1048+16.2486i	0.2194+1.8261i	1.5609+1.6668i	-2.4623-1.8553i	0.2860+1.9524i	-0.3275-0.8078i
76.9	-41.7756-52.6623i	-62.6445-53.2614i	0.4685+15.0390i	0.4540+2.0460i	1.5678+1.5198i	-2.4042-1.7808i	0.3268+1.7760i	-0.3199-0.7754i
77.0	-41.7191-51.8230i	-62.5707-52.4268i	0.9231+14.6345i	0.6489+2.2370i	1.5981+1.4443i	-2.3547-1.7538i	0.3687+1.6724i	-0.3423-0.7201i
77.1	-40.9372-51.2471i	-61.4912-51.8296i	1.6311+14.7850i	0.5951+2.1981i	1.6838+1.4287i	-2.2984-1.7694i	0.4292+1.7090i	-0.3918-0.6866i
77.2	-40.3685-50.5766i	-60.8668-51.4018i	2.2494+13.9119i	0.7636+2.4219i	1.7522+1.3492i	-2.2740-1.7939i	0.5267+1.6408i	-0.4092-0.6237i
77.3	-40.6471-49.8458i	-61.0626-50.7279i	2.8529+12.8064i	0.9529+2.3756i	1.8178+1.2276i	-2.2782-1.8224i	0.6035+1.5302i	-0.4583-0.5491i
77.4	-40.5160-49.1689i	-60.8542-50.1924i	2.8238+11.7920i	1.0911+2.3219i	1.8116+1.1618i	-2.2852-1.8349i	0.5777+1.4810i	-0.5153-0.4521i
77.5	-39.9913-48.3846i	-60.3619-49.4398i	2.6689+11.3034i	1.2900+2.2979i	1.7936+1.1054i	-2.3089-1.8349i	0.5358+1.3815i	-0.5095-0.3955i
77.6	-39.7246-47.8155i	-59.9454-49.0880i	3.8944+10.8509i	1.5299+2.3603i	1.8852+1.0085i	-2.3933-1.8171i	0.6239+1.3024i	-0.5288-0.2485i
77.7	-39.1095-47.4694i	-59.2197-48.7971i	4.7839+10.2347i	1.6664+2.3811i	1.9372+0.9091i	-2.4565-1.8234i	0.6667+1.2086i	-0.4811-0.1663i
77.8	-38.6067-46.9421i	-58.7396-48.3120i	4.0796+9.4490i	1.6668+2.3292i	1.9101+0.8439i	-2.4410-1.7610i	0.6151+1.1253i	-0.4046-0.1244i
77.9	-38.3383-46.4147i	-58.4017-47.8980i	4.6510+8.6524i	1.8793+2.3697i	1.9374+0.7413i	-2.5145-1.7156i	0.6336+1.0566i	-0.3530-0.0585i
78.0	-37.8331-45.6814i	-57.8947-47.4760i	4.9512+7.9685i	2.1637+2.2613i	1.9246+0.6430i	-2.5518-1.6479i	0.6273+1.0054i	-0.2810-0.0325i
78.1	-37.1051-45.7720i	-57.1275-47.8221i	4.9861+7.4460i	2.1933+2.3442i	1.9404+0.5392i	-2.6566-1.6196i	0.6344+0.9612i	-0.1997+0.0162i
78.2	-36.7246-45.0930i	-56.6688-47.1288i	5.1093+7.4939i	2.2807+2.3641i	1.9410+0.5196i	-2.6563-1.5446i	0.5836+0.9461i	-0.1956+0.0349i
78.3	-36.1905-44.7495i	-56.1075-46.7996i	5.2153+7.2340i	2.4664+2.1762i	1.9388+0.4757i	-2.7010-1.4518i	0.5329+0.9668i	-0.1656+0.0388i
78.4	-35.7344-44.8263i	-55.7109-46.8951i	4.7947+6.6314i	2.5357+2.0017i	1.8858+0.4107i	-2.7624-1.4358i	0.5180+0.9529i	-0.0751+0.0455i
78.5	-35.4022-44.8157i	-55.3786-47.0256i	5.6796+6.4688i	2.5333+2.0680i	1.9217+0.2945i	-2.8897-1.3887i	0.5804+0.9704i	0.0480+0.0842i
78.6	-35.0170-44.2944i	-55.0219-46.6206i	5.8490+5.9227i	2.6118+1.9509i	1.9272+0.2421i	-2.9281-1.2604i	0.5714+0.9588i	0.1029+0.0850i
78.7	-34.6938-43.6070i	-54.8044-46.0042i	5.7129+5.3205i	2.7562+1.7212i	1.8924+0.1751i	-2.9004-1.1479i	0.5667+0.9345i	0.1393+0.0769i
78.8	-33.6164-43.0652i	-53.7778-45.4992i	6.2948+4.6317i	2.5286+1.3266i	1.8837+0.0547i	-2.8289-1.0950i	0.5969+0.9294i	0.2151+0.0715i
78.9	-32.6274-42.6765i	-52.8902-45.2105i	5.2794+3.3926i	1.7545+1.3958i	1.7271-0.0097i	-2.7894-1.0023i	0.5757+0.9341i	0.2665+0.0130i
79.0	-30.9755-43.3369i	-51.4215-45.7207i	3.1266+3.5636i	1.1903+2.4557i	1.5421+0.0919i	-2.7820-1.0149i	0.5759+0.9898i	0.3064-0.0945i
79.1	-30.9046-44.6329i	-51.3175-47.0177i	2.9513+5.1665i	2.0766+3.4066i	1.5865+0.2432i	-2.8366-0.9750i	0.6432+1.0060i	0.3052-0.1843i
79.2	-31.5599-44.7859i	-52.0281-47.3800i	4.0046+5.5127i	2.9484+3.2550i	1.6763+0.2222i	-2.8945-0.8527i	0.6993+0.9400i	0.2992-0.2076i
79.3	-31.1980-45.1405i	-51.6109-47.8258i	5.1251+5.4306i	3.2768+3.0092i	1.8047+0.1735i	-2.8891-0.8029i	0.8121+0.9438i	0.3225-0.2160i
79.4	-30.9293-45.2373i	-51.4430-47.7606i	5.1567+4.9151i	3.5866+2.7222i	1.7833+0.0912i	-2.8657-0.7143i	0.8211+0.8371i	0.2903-0.2606i
79.5	-30.8721-44.7259i	-51.5746-47.2128i	5.3375+4.0141i	3.6770+2.4912i	1.7766+0.0086i	-2.7959-0.6466i	0.8714+0.7516i	0.2467-0.2099i
79.6	-30.8510-44.2308i	-51.6307-46.7511i	5.4338+3.9884i	3.8584+2.4738i	1.7555+0.0013i	-2.7472-0.5438i	0.8767+0.7319i	0.1814-0.2532i
79.7	-31.1194-44.0090i	-51.9659-46.4467i	5.5945+3.7981i	4.0525+2.2888i	1.7727-0.0624i	-2.7569-0.4483i	0.8854+0.6432i	0.1715-0.2593i
79.8	-30.2486-43.6424i	-51.0245-46.2269i	6.2031+3.2283i	4.3065+2.0829i	1.8080-0.1395i	-2.6895-0.4050i	0.9525+0.5473i	0.2079-0.2064i
79.9	-29.7224-43.5120i	-50.6281-46.0772i	6.5419+3.0580i	4.3863+1.9162i	1.8028-0.1624i	-2.6614-0.3675i	0.9396+0.5131i	0.2182-0.2113i
80.0	-29.6170-43.1840i	-50.7550-45.5440i	5.8574+3.0116i	4.4481+1.8045i	1.7830-0.1699i	-2.5630-0.3087i	0.9002+0.4722i	0.1951-0.2515i

2.1.14 Run 2 – IP270 – Accels 9–16

In-plane shaking at 270°. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	3.1857+0.0000i	-15.4033+0.0000i	-3.8818+0.0000i	13.9347+0.0000i	10.5597+0.0000i	3.5131+0.0000i	-1.4476+0.0000i	18.9753+0.0000i
0.1	1.1956+0.9528i	-13.8388+0.6979i	-2.4639+0.7594i	13.1478+0.4623i	10.5671+1.8183i	2.8842-0.0473i	-1.4408+0.5969i	17.7905-1.1113i
0.2	-4.9955-0.6752i	-2.2573-1.1321i	0.0367+0.8198i	1.2830+1.4495i	-0.1368-0.9608i	-0.7817-0.1192i	0.0038+0.2182i	0.3630-1.8511i
0.3	-0.3326-0.2249i	-0.5737-0.4670i	0.4390+0.4544i	0.7240+1.0684i	0.7270-0.6809i	-0.5377-0.5495i	0.5162-0.2862i	0.5557-1.0941i
0.4	-0.0323+1.4932i	0.0647+0.5925i	0.1293-0.3390i	0.4650+0.9008i	0.6932-0.3972i	0.0929-0.1223i	0.3557+0.2229i	0.2122-0.3975i
0.5	-0.9107+0.7056i	-0.4781-0.6597i	-0.6790-0.2803i	-0.3169-0.3528i	-0.1729-0.2956i	0.3767+0.8419i	0.5299+0.0997i	-0.1503+0.0392i
0.6	-0.2089+0.0455i	-0.0592-0.0283i	0.0369-0.1751i	0.1043-0.0170i	0.0486+0.0354i	-0.1777+0.1115i	-0.0002+0.0743i	-0.1138-0.1354i
0.7	0.0446-0.0221i	-0.1455-0.0076i	0.0010-0.0243i	0.1597+0.0301i	-0.0316-0.0239i	-0.0052+0.0000i	0.0770+0.0168i	-0.0420+0.0071i
0.8	0.1058-0.0102i	-0.1996-0.0100i	0.0041-0.0052i	0.1593+0.0018i	-0.0043+0.0071i	-0.0078-0.0170i	0.1337-0.0325i	0.0128+0.0325i
0.9	0.1418+0.0056i	-0.2437-0.0115i	0.0161-0.0188i	0.1808-0.0325i	-0.0025+0.0108i	-0.0150+0.0031i	0.1807-0.0480i	0.0081+0.0188i
1.0	0.1632+0.0092i	-0.2894-0.0244i	0.0151-0.0133i	0.1696-0.0545i	-0.0070-0.0007i	0.0026+0.0116i	0.1770-0.0510i	0.0074+0.0095i
1.1	0.2250+0.0084i	-0.3963-0.0191i	0.0104-0.0142i	0.2489-0.0442i	-0.0041-0.0004i	0.0082+0.0020i	0.2518-0.0540i	0.0156+0.0002i
1.2	0.2841-0.0013i	-0.4667-0.0049i	0.0065-0.0181i	0.3032-0.0404i	-0.0019+0.0011i	0.0060-0.0119i	0.3013-0.0567i	0.0175-0.0082i
1.3	0.4368-0.0144i	-0.6805+0.0161i	-0.0114-0.0586i	0.5478-0.3316i	-0.0153+0.0050i	-0.0321+0.0369i	0.5353-0.3524i	0.0118-0.0072i
1.4	0.5449-0.0503i	-0.8247+0.0605i	-0.0566-0.0554i	0.4230-0.4717i	-0.0204+0.0072i	-0.0024+0.0693i	0.4095-0.4867i	0.0082-0.0034i
1.5	0.8275-0.2299i	-1.1658+0.2240i	-0.0615+0.1261i	0.5783+0.4398i	-0.0198+0.0027i	0.0241-0.0875i	0.5929+0.4196i	0.0181+0.0054i
1.6	0.9887-0.5044i	-1.3931+0.5083i	0.0434+0.1975i	1.4006+0.5913i	-0.0274+0.0029i	-0.0743-0.1463i	1.4155+0.5477i	0.0304+0.0057i
1.7	0.9742-0.8670i	-1.4217+0.9299i	0.1204+0.1379i	1.8817-0.2523i	-0.0299+0.0136i	-0.1427-0.0618i	1.8712-0.3036i	0.0360-0.0053i
1.8	0.7483-1.4852i	-1.2143+1.6464i	0.1674+0.0631i	1.8469-1.5750i	-0.0253+0.0344i	-0.1520+0.0649i	1.8012-1.6183i	0.0350-0.0222i
1.9	0.0367-1.8179i	-0.4518+2.0329i	0.1852-0.0094i	0.8999-2.4956i	-0.0095+0.0520i	-0.0738+0.1623i	0.8342-2.5101i	0.0273-0.0323i
2.0	-0.8422-1.2325i	0.4964+1.3851i	0.1598-0.0584i	-0.6439-1.9360i	0.0258+0.0397i	0.0798+0.1285i	-0.6871-1.9135i	0.0150-0.0287i
2.1	-0.9728-0.9034i	0.6144+1.0144i	0.1789-0.0727i	-1.0108-1.4959i	0.0355+0.0260i	0.1701+0.0888i	-1.0401-1.4689i	0.0186-0.0243i
2.2	-1.0023-0.6532i	0.6074+0.7321i	0.2821-0.1993i	-1.2169-1.1324i	0.0531+0.0027i	0.3223-0.0643i	-1.2370-1.1018i	0.0397-0.0415i
2.3	-0.9186-0.5498i	0.4790+0.6221i	0.0319-0.5411i	-1.1213-0.9663i	0.0217-0.0414i	0.0753-0.4173i	-1.1357-0.9341i	0.0024-0.0974i
2.4	-0.8629-0.4336i	0.3791+0.4867i	-0.2929-0.2692i	-1.0669-0.7829i	-0.0186-0.0111i	-0.2420-0.1709i	-1.0730-0.7572i	-0.0509-0.0515i
2.5	-0.8229-0.3500i	0.2815+0.3864i	-0.1868-0.0657i	-1.0578-0.6522i	-0.0049+0.0099i	-0.1283+0.0169i	-1.0625-0.6310i	-0.0309-0.0156i
2.6	-0.7655-0.3275i	0.1662+0.3650i	-0.1238-0.0406i	-0.9894-0.6266i	0.0009+0.0124i	-0.0686+0.0414i	-0.9939-0.6074i	-0.0175-0.0108i
2.7	-0.7105-0.3092i	0.0451+0.3457i	-0.0939-0.0320i	-0.9190-0.6108i	0.0019+0.0131i	-0.0437+0.0505i	-0.9222-0.5933i	-0.0097-0.0092i
2.8	-0.7187-0.2649i	0.0090+0.2898i	-0.0820-0.0254i	-0.9720-0.5279i	0.0047+0.0108i	-0.0200+0.0464i	-0.9737-0.5102i	-0.0069-0.0077i
2.9	-0.7029-0.2256i	-0.0657+0.2420i	-0.0720-0.0217i	-0.9713-0.4526i	0.0051+0.0100i	-0.0061+0.0403i	-0.9720-0.4353i	-0.0041-0.0060i
3.0	-0.6538-0.2285i	-0.1771+0.2510i	-0.0641-0.0222i	-0.8862-0.4672i	0.0025+0.0116i	-0.0074+0.0430i	-0.8870-0.4516i	0.0001-0.0061i
3.1	-0.6536-0.2259i	-0.2497+0.2562i	-0.0616-0.0210i	-0.9131-0.4692i	0.0050+0.0136i	0.0019+0.0457i	-0.9136-0.4545i	0.0030-0.0048i
3.2	-0.6736-0.1945i	-0.2848+0.2089i	-0.0616-0.0183i	-0.9814-0.4073i	0.0070+0.0113i	0.0153+0.0397i	-0.9807-0.3924i	0.0049-0.0049i
3.3	-0.6465-0.1679i	-0.3886+0.1704i	-0.0570-0.0157i	-0.9372-0.3530i	0.0052+0.0088i	0.0161+0.0339i	-0.9359-0.3392i	0.0076-0.0039i
3.4	-0.6394-0.1786i	-0.4576+0.1932i	-0.0551-0.0161i	-0.9373-0.3806i	0.0046+0.0096i	0.0192+0.0385i	-0.9359-0.3677i	0.0094-0.0044i
3.5	-0.6389-0.1390i	-0.5268+0.1338i	-0.0535-0.0123i	-0.9561-0.2877i	0.0041+0.0069i	0.0248+0.0276i	-0.9527-0.2761i	0.0114-0.0032i
3.6	-0.6394-0.1129i	-0.5981+0.0973i	-0.0522-0.0093i	-0.9705-0.2268i	0.0048+0.0065i	0.0301+0.0216i	-0.9673-0.2142i	0.0154-0.0021i
3.7	-0.6464-0.1204i	-0.6732+0.1253i	-0.0541-0.0099i	-1.0061-0.2504i	0.0054+0.0076i	0.0375+0.0238i	-1.0020-0.2379i	0.0176-0.0032i
3.8	-0.6269-0.1418i	-0.7655+0.1507i	-0.0531-0.0113i	-0.9688-0.3123i	0.0066+0.0093i	0.0334+0.0331i	-0.9653-0.2999i	0.0208-0.0042i
3.9	-0.6100-0.1438i	-0.8791+0.1475i	-0.0528-0.0102i	-0.9386-0.3158i	0.0050+0.0118i	0.0300+0.0329i	-0.9346-0.3028i	0.0266-0.0031i
4.0	-0.6069-0.1018i	-0.9726+0.0952i	-0.0523-0.0067i	-0.9314-0.2116i	0.0056+0.0075i	0.0305+0.0188i	-0.9280-0.1993i	0.0276-0.0010i
4.1	-0.6079-0.0923i	-1.0358+0.0773i	-0.0522-0.0063i	-0.9492-0.1939i	0.0044+0.0078i	0.0326+0.0194i	-0.9434-0.1828i	0.0287-0.0006i
4.2	-0.5880-0.0885i	-1.1661+0.0726i	-0.0527-0.0060i	-0.9104-0.1899i	0.0022+0.0105i	0.0294+0.0194i	-0.9043-0.1794i	0.0325-0.0003i
4.3	-0.5721-0.0910i	-1.2847+0.0761i	-0.0537-0.0065i	-0.8785-0.1956i	-0.0014+0.0096i	0.0247+0.0190i	-0.8746-0.1866i	0.0346+0.0027i
4.4	-0.5752-0.0777i	-1.3789+0.0723i	-0.0478-0.0016i	-0.8912-0.1538i	0.0029+0.0070i	0.0281+0.0150i	-0.8855-0.1462i	0.0389+0.0015i
4.5	-0.5595-0.0652i	-1.5052+0.0442i	-0.0408-0.0011i	-0.8511-0.1238i	0.0035+0.0050i	0.0283+0.0131i	-0.8483-0.1160i	0.0445+0.0007i
4.6	-0.5545-0.0717i	-1.5928+0.0531i	-0.0421-0.0052i	-0.8477-0.1467i	0.0018+0.0063i	0.0281+0.0157i	-0.8455-0.1373i	0.0492-0.0012i
4.7	-0.5524-0.0666i	-1.7143+0.0443i	-0.0426-0.0088i	-0.8572-0.1389i	0.0023+0.0032i	0.0303+0.0098i	-0.8537-0.1330i	0.0534-0.0031i
4.8	-0.5487-0.0484i	-1.8338-0.0009i	-0.0425-0.0050i	-0.8544-0.0810i	0.0064+0.0013i	0.0308+0.0044i	-0.8511-0.0749i	0.0577-0.0006i
4.9	-0.5390-0.0506i	-1.9647+0.0086i	-0.0404-0.0019i	-0.8366-0.0922i	0.0040+0.0017i	0.0298+0.0054i	-0.8323-0.0846i	0.0599-0.0006i
5.0	-0.5379-0.0535i	-2.0670+0.0173i	-0.0439-0.0015i	-0.8440-0.0961i	0.0031+0.0049i	0.0296+0.0061i	-0.8373-0.0873i	0.0626+0.0026i
5.1	-0.5314-0.0623i	-2.1990+0.0072i	-0.0442-0.0016i	-0.8321-0.1118i	-0.0002+0.0075i	0.0272+0.0082i	-0.8262-0.1043i	0.0687+0.0051i
5.2	-0.5231-0.0645i	-2.3343-0.0071i	-0.0416-0.0015i	-0.8139-0.1209i	-0.0016+0.0095i	0.0262+0.0110i	-0.8091-0.1125i	0.0703+0.0054i
5.3	-0.5231-0.0652i	-2.4583-0.0066i	-0.0427-0.0029i	-0.8129-0.1240i	-0.0035+0.0088i	0.0270+0.0087i	-0.8115-0.1175i	0.0741+0.0051i
5.4	-0.5152-0.0617i	-2.6065-0.0242i	-0.0382-0.0045i	-0.7923-0.1187i	-0.0028+0.0029i	0.0273+0.0085i	-0.7891-0.1137i	0.0804+0.0039i
5.5	-0.5119-0.0674i	-2.7592-0.0633i	-0.0374-0.0022i	-0.7944-0.1227i	0.0007+0.0094i	0.0299+0.0101i	-0.7914-0.1172i	0.0920+0.0113i
5.6	-0.5161-0.0789i	-2.9063-0.0305i	-0.0374-0.0029i	-0.8086-0.1407i	0.0089+0.0188i	0.0341+0.0139i	-0.8046-0.1337i	0.1051+0.0139i

5.7	-0.5193-0.0835i	-3.0947-0.0117i	-0.0369-0.0030i	-0.8130-0.1467i	0.0103+0.0151i	0.0340+0.0097i	-0.8096-0.1422i	0.1093+0.0074i
5.8	-0.5266-0.0826i	-3.2397-0.0025i	-0.0376-0.0023i	-0.8239-0.1424i	0.0174+0.0123i	0.0331+0.0102i	-0.8192-0.1373i	0.1230+0.0103i
5.9	-0.5288-0.0854i	-3.3768+0.0245i	-0.0355-0.0042i	-0.8303-0.1564i	0.0220+0.0138i	0.0324+0.0087i	-0.8251-0.1482i	0.1321+0.0105i
6.0	-0.5580-0.0890i	-3.4808+0.0356i	-0.0413-0.0081i	-0.8967-0.1561i	0.0242+0.0267i	0.0331+0.0033i	-0.8918-0.1467i	0.1330+0.0221i
6.1	-0.5576-0.0889i	-3.6509+0.0361i	-0.0383-0.0091i	-0.9003-0.1649i	0.0477+0.0193i	0.0395+0.0074i	-0.8963-0.1587i	0.1632+0.0150i
6.2	-0.5638-0.0725i	-3.7912+0.0226i	-0.0376-0.0071i	-0.9133-0.1282i	0.0659+0.0177i	0.0400+0.0015i	-0.9075-0.1201i	0.1866+0.0110i
6.3	-0.5569-0.0528i	-4.0012-0.0052i	-0.0375-0.0076i	-0.8892-0.0864i	0.0893+0.0152i	0.0361+0.0032i	-0.8845-0.0765i	0.2196+0.0090i
6.4	-0.5632-0.0641i	-4.1472-0.0132i	-0.0392-0.0117i	-0.9143-0.1189i	0.1080+0.0104i	0.0389+0.0018i	-0.9078-0.1125i	0.2432+0.0019i
6.5	-0.5571-0.0623i	-4.3381-0.0041i	-0.0412-0.0111i	-0.9077-0.1203i	0.1039-0.0219i	0.0361+0.0008i	-0.9000-0.1153i	0.2458-0.0259i
6.6	-0.5637-0.0580i	-4.4983+0.0049i	-0.0456-0.0113i	-0.9316-0.1098i	0.1332-0.0217i	0.0397-0.0025i	-0.9265-0.1038i	0.2793-0.0222i
6.7	-0.5617-0.0680i	-4.7116+0.0183i	-0.0440-0.0110i	-0.9312-0.1348i	0.1655-0.0100i	0.0426+0.0009i	-0.9253-0.1294i	0.3223-0.0103i
6.8	-0.5587-0.0535i	-4.9008-0.0488i	-0.0454-0.0080i	-0.9195-0.0952i	0.2009-0.0378i	0.0362-0.0006i	-0.9141-0.0883i	0.3654-0.0379i
6.9	-0.5611-0.0317i	-5.1135-0.0687i	-0.0507-0.0043i	-0.9217-0.0453i	0.2755-0.0914i	0.0340-0.0032i	-0.9190-0.0330i	0.4442-0.0877i
7.0	-0.5677-0.0323i	-5.3362-0.0604i	-0.0560-0.0042i	-0.9392-0.0538i	0.4452-0.2249i	0.0336-0.0051i	-0.9398-0.0440i	0.6234-0.2195i
7.1	-0.5702-0.0376i	-5.5266-0.0149i	-0.0603-0.0023i	-0.9505-0.0744i	0.4669-0.4984i	0.0311-0.0026i	-0.9500-0.0632i	0.6522-0.4878i
7.2	-0.5622-0.0277i	-5.7634-0.0027i	-0.0567+0.0083i	-0.9504-0.0728i	0.0682-0.8915i	0.0304+0.0037i	-0.9456-0.0551i	0.2695-0.8711i
7.3	-0.5549-0.0293i	-5.9616-0.0026i	-0.0430+0.0101i	-0.9446-0.0776i	-0.3101-0.7880i	0.0382+0.0072i	-0.9368-0.0595i	-0.0932-0.7703i
7.4	-0.5464-0.0326i	-6.2271-0.0258i	-0.0338+0.0043i	-0.9283-0.0697i	-0.4456-0.4781i	0.0447+0.0080i	-0.9179-0.0599i	-0.2145-0.4654i
7.5	-0.5517-0.0340i	-6.4610-0.0222i	-0.0408+0.0017i	-0.9502-0.0588i	-0.4242-0.2892i	0.0420+0.0039i	-0.9384-0.0513i	-0.1875-0.2813i
7.6	-0.5535-0.0463i	-6.6858+0.0077i	-0.0443-0.0010i	-0.9656-0.0881i	-0.3787-0.1301i	0.0442+0.0037i	-0.9586-0.0818i	-0.1352-0.1278i
7.7	-0.5499-0.0507i	-6.9816+0.0310i	-0.0406-0.0020i	-0.9560-0.0928i	-0.3110-0.0899i	0.0449+0.0046i	-0.9467-0.0869i	-0.0534-0.0875i
7.8	-0.5577-0.0418i	-7.2697-0.0095i	-0.0411+0.0014i	-0.9741-0.0588i	-0.2585-0.0883i	0.0454+0.0034i	-0.9640-0.0524i	0.0084-0.0904i
7.9	-0.5606-0.0454i	-7.4923-0.0336i	-0.0406-0.0029i	-0.9877-0.0706i	-0.2344-0.0953i	0.0486+0.0012i	-0.9791-0.0651i	0.0420-0.0909i
8.0	-0.5671-0.0444i	-7.7542-0.0156i	-0.0451-0.0034i	-1.0073-0.0745i	-0.2336-0.1231i	0.0478-0.0012i	-0.9996-0.0671i	0.0556-0.1185i
8.1	-0.5698-0.0424i	-8.0105+0.0099i	-0.0460-0.0073i	-1.0299-0.0693i	-0.2183-0.1218i	0.0497-0.0013i	-1.0170-0.0639i	0.0777-0.1190i
8.2	-0.5689-0.0466i	-8.3452-0.0013i	-0.0514-0.0098i	-1.0469-0.0830i	-0.2275-0.1475i	0.0476-0.0002i	-1.0337-0.0740i	0.0766-0.1435i
8.3	-0.5729-0.0472i	-8.6496+0.0288i	-0.0532-0.0083i	-1.0626-0.0775i	-0.2168-0.1506i	0.0512-0.0050i	-1.0470-0.0717i	0.0982-0.1496i
8.4	-0.5746-0.0449i	-8.9355+0.0140i	-0.0495-0.0061i	-1.0748-0.0672i	-0.2128-0.1194i	0.0547-0.0039i	-1.0626-0.0631i	0.1134-0.1194i
8.5	-0.5696-0.0483i	-9.2454+0.0387i	-0.0519-0.0061i	-1.0836-0.0695i	-0.2224-0.1344i	0.0546-0.0033i	-1.0726-0.0643i	0.1151-0.1250i
8.6	-0.5728-0.0504i	-9.6458+0.0246i	-0.0568-0.0082i	-1.0990-0.0648i	-0.1947-0.1468i	0.0575-0.0064i	-1.0895-0.0623i	0.1637-0.1344i
8.7	-0.5762-0.0502i	-9.9648+0.0195i	-0.0559-0.0080i	-1.1118-0.0714i	-0.1838-0.1553i	0.0581-0.0067i	-1.1059-0.0659i	0.1920-0.1433i
8.8	-0.5796-0.0509i	-10.2868+0.0903i	-0.0556-0.0114i	-1.1324-0.0651i	-0.1646-0.1833i	0.0585-0.0103i	-1.1244-0.0578i	0.2284-0.1751i
8.9	-0.5790-0.0527i	-10.7097+0.1049i	-0.0560-0.0141i	-1.1526-0.0623i	-0.1454-0.2131i	0.0582-0.0148i	-1.1414-0.0583i	0.2638-0.1990i
9.0	-0.5799-0.0584i	-11.0065+0.1741i	-0.0611-0.0134i	-1.1599-0.0702i	-0.1654-0.2471i	0.0548-0.0156i	-1.1506-0.0686i	0.2579-0.2378i
9.1	-0.5756-0.0573i	-11.4275+0.2176i	-0.0676-0.0181i	-1.1790-0.0550i	-0.1975-0.3330i	0.0543-0.0227i	-1.1711-0.0512i	0.2555-0.3128i
9.2	-0.5771-0.0694i	-11.7409+0.1847i	-0.0721-0.0173i	-1.1930-0.0635i	-0.1965-0.3770i	0.0496-0.0228i	-1.1821-0.0564i	0.2781-0.3539i
9.3	-0.5718-0.0747i	-12.1659+0.1703i	-0.0838-0.0097i	-1.2050-0.0582i	-0.2909-0.5170i	0.0398-0.0186i	-1.1928-0.0475i	0.2104-0.4994i
9.4	-0.5692-0.0790i	-12.6141+0.1343i	-0.0847-0.0017i	-1.2256-0.0472i	-0.5003-0.5607i	0.0464-0.0145i	-1.2147-0.0384i	0.0325-0.5428i
9.5	-0.5773-0.0941i	-13.0461+0.1668i	-0.0803+0.0024i	-1.2564-0.0451i	-0.6085-0.4767i	0.0540-0.0118i	-1.2425-0.0353i	-0.0537-0.4636i
9.6	-0.5836-0.1173i	-13.5318+0.1904i	-0.0776-0.0004i	-1.2837-0.0396i	-0.6560-0.3477i	0.0639-0.0143i	-1.2704-0.0323i	-0.0832-0.3378i
9.7	-0.5892-0.1241i	-13.9980+0.2250i	-0.0761-0.0039i	-1.2943-0.0298i	-0.7257-0.2870i	0.0658-0.0187i	-1.2806-0.0241i	-0.1223-0.2870i
9.8	-0.6092-0.1456i	-14.5505+0.2795i	-0.0778-0.0041i	-1.3179-0.0262i	-0.7295-0.2337i	0.0648-0.0266i	-1.3071-0.0210i	-0.0867-0.2382i
9.9	-0.6245-0.1627i	-15.0668+0.2955i	-0.0850-0.0113i	-1.3596-0.0241i	-0.6832-0.1862i	0.0623-0.0345i	-1.3449-0.0180i	-0.0001-0.1882i
10.0	-0.6385-0.1662i	-15.6009+0.3602i	-0.0938-0.0133i	-1.3926-0.0144i	-0.7065-0.1345i	0.0561-0.0391i	-1.3703-0.0072i	0.0170-0.1511i
10.1	-0.6615-0.1710i	-16.1585+0.4642i	-0.1008-0.0062i	-1.4024+0.0004i	-0.7116-0.1228i	0.0492-0.0371i	-1.3902+0.0022i	0.0521-0.1638i
10.2	-0.6840-0.1714i	-16.6755+0.5843i	-0.0987-0.0016i	-1.4058+0.0057i	-0.7106-0.0999i	0.0461-0.0346i	-1.3960+0.0083i	0.0741-0.1689i
10.3	-0.7010-0.1733i	-17.2357+0.6207i	-0.1068+0.0050i	-1.4347-0.0010i	-0.7150-0.0690i	0.0414-0.0367i	-1.4294+0.0055i	0.1122-0.1667i
10.4	-0.7148-0.1789i	-17.7836+0.7267i	-0.1116+0.0094i	-1.4644+0.0045i	-0.7258-0.0658i	0.0392-0.0307i	-1.4592+0.0111i	0.1225-0.2010i
10.5	-0.7307-0.1851i	-18.4062+0.7950i	-0.1227+0.0175i	-1.4954+0.0054i	-0.7406-0.0440i	0.0367-0.0239i	-1.4873+0.0101i	0.1279-0.2138i
10.6	-0.7464-0.1929i	-19.1200+0.8975i	-0.1286+0.0263i	-1.5352-0.0083i	-0.7512-0.0202i	0.0368-0.0178i	-1.5267+0.0036i	0.1377-0.2234i
10.7	-0.7690-0.1963i	-19.6315+0.9980i	-0.1236+0.0358i	-1.5575+0.0084i	-0.7696-0.0036i	0.0373-0.0138i	-1.5512+0.0263i	0.1329-0.2397i
10.8	-0.7986-0.1955i	-20.2762+1.2722i	-0.1176+0.0502i	-1.6116+0.0281i	-0.7665+0.0342i	0.0488-0.0043i	-1.6011+0.0473i	0.1304-0.2476i
10.9	-0.8180-0.1891i	-20.8455+1.2804i	-0.1130+0.0533i	-1.6559+0.0148i	-0.7501+0.0442i	0.0586+0.0015i	-1.6397+0.0331i	0.1359-0.2375i
11.0	-0.8371-0.1882i	-21.3531+1.2599i	-0.1100+0.0551i	-1.6964+0.0264i	-0.7541+0.0511i	0.0651+0.0029i	-1.6805+0.0459i	0.1349-0.2391i
11.1	-0.8606-0.1977i	-22.0939+1.2365i	-0.1045+0.0598i	-1.7589+0.0507i	-0.7750+0.0605i	0.0742+0.0010i	-1.7471+0.0719i	0.1273-0.2534i
11.2	-0.8856-0.1803i	-22.7524+1.2283i	-0.1004+0.0608i	-1.7780+0.0592i	-0.7862+0.0511i	0.0734+0.0048i	-1.7582+0.0747i	0.1187-0.2520i
11.3	-0.9050-0.1716i	-23.6077+1.2471i	-0.0952+0.0590i	-1.8133+0.0798i	-0.8011+0.0635i	0.0787-0.0014i	-1.7903+0.0930i	0.1154-0.2210i
11.4	-0.9204-0.1608i	-24.3446+1.1596i	-0.0927+0.0532i	-1.8565+0.0622i	-0.8196+0.0699i	0.0846+0.0022i	-1.8366+0.0794i	0.1208-0.2005i
11.5	-0.9338-0.1597i	-25.2270+1.1476i	-0.0958+0.0552i	-1.9308+0.0889i	-0.8328+0.0752i	0.0945-0.0011i	-1.9099+0.1042i	0.1368-0.1900i
11.6	-0.9532-0.1545i	-26.1021+1.2171i	-0.0954+0.0580i	-1.9734+0.1207i	-0.8464+0.0753i	0.1011-0.0082i	-1.9465+0.1337i	0.1508-0.1815i
11.7	-0.9641-0.1467i	-27.2217+1.2027i	-0.1028+0.0573i	-2.0687+0.1567i	-0.8735+0.0856i	0.1106-0.0131i	-2.0388+0.1685i	0.1617-0.1621i
11.8	-0.9840-0.1497i	-28.4370+0.9564i	-0.1015+0.0519i	-2.1289+0.1740i	-0.9031+0.0833i	0.1214-0.0237i	-2.0967+0.1843i	0.1875-0.1440i
11.9	-1.0040-0.1468i	-29.5085+0.7941i	-0.1039+0.0510i	-2.1775+0.1857i	-0.9288+0.0763i	0.1265-0.0276i	-2.1411+0.1980i	0.2094-0.1392i

12.0	-1.0138-0.1452i	-30.7190+0.9067i	-0.1129+0.0535i	-2.2676+0.2314i	-0.9646+0.0901i	0.1392-0.0331i	-2.2321+0.2442i	0.2226-0.1309i
12.1	-1.0269-0.1428i	-32.3323+1.0129i	-0.1228+0.0601i	-2.3952+0.2883i	-1.0159+0.0971i	0.1527-0.0415i	-2.3572+0.2980i	0.2505-0.1272i
12.2	-1.0302-0.1499i	-34.0195+1.3195i	-0.1367+0.0685i	-2.4970+0.3700i	-1.0586+0.1148i	0.1607-0.0540i	-2.4609+0.3810i	0.2975-0.1172i
12.3	-1.0425-0.1615i	-35.3255+1.4954i	-0.1423+0.0720i	-2.5708+0.4431i	-1.0939+0.1242i	0.1635-0.0674i	-2.5341+0.4528i	0.3354-0.1143i
12.4	-1.0611-0.1845i	-36.9946+1.6541i	-0.1532+0.0813i	-2.6888+0.5484i	-1.1427+0.1443i	0.1808-0.0838i	-2.6464+0.5570i	0.3769-0.1059i
12.5	-1.0742-0.2096i	-38.6202+1.9960i	-0.1610+0.1032i	-2.8024+0.6895i	-1.1860+0.1681i	0.1942-0.1028i	-2.7648+0.6938i	0.4178-0.1132i
12.6	-1.0952-0.2625i	-40.5159+2.3052i	-0.1678+0.1208i	-2.9030+0.8441i	-1.2462+0.1737i	0.1982-0.1328i	-2.8594+0.8444i	0.4720-0.1398i
12.7	-1.1360-0.3132i	-42.2576+2.9733i	-0.1676+0.1445i	-2.9508+1.0554i	-1.2931+0.2087i	0.2000-0.1702i	-2.9067+1.0577i	0.5145-0.1738i
12.8	-1.2112-0.3665i	-43.9053+3.8706i	-0.1523+0.1730i	-2.9135+1.3310i	-1.3319+0.2663i	0.1852-0.2136i	-2.8687+1.3330i	0.5390-0.2043i
12.9	-1.3104-0.4156i	-45.5672+4.6692i	-0.1309+0.2068i	-2.7843+1.5799i	-1.3723+0.3180i	0.1582-0.2519i	-2.7449+1.5775i	0.5569-0.2401i
13.0	-1.4591-0.4639i	-47.3687+5.0443i	-0.0860+0.2264i	-2.5361+1.7794i	-1.4194+0.3523i	0.1057-0.2818i	-2.5017+1.7703i	0.5645-0.2646i
13.1	-1.6053-0.4471i	-48.8213+5.2206i	-0.0451+0.2209i	-2.2499+1.7680i	-1.4503+0.3657i	0.0461-0.2778i	-2.2179+1.7600i	0.5697-0.2738i
13.2	-1.7500-0.3894i	-50.9937+5.4354i	-0.0152+0.2040i	-2.0607+1.6298i	-1.4988+0.3898i	-0.0026-0.2547i	-2.0227+1.6236i	0.6036-0.2538i
13.3	-1.8673-0.3226i	-53.5310+5.7818i	0.0034+0.1825i	-2.0179+1.5221i	-1.5702+0.4199i	-0.0206-0.2338i	-1.9756+1.5121i	0.6460-0.2449i
13.4	-1.9573-0.2376i	-56.2591+6.4748i	0.0060+0.1537i	-2.0526+1.4046i	-1.6545+0.4455i	-0.0253-0.2140i	-2.0106+1.3854i	0.6974-0.2694i
13.5	-2.0362-0.1757i	-58.9930+6.6662i	0.0088+0.1320i	-2.0589+1.2887i	-1.7557+0.4832i	-0.0387-0.1975i	-2.0180+1.2734i	0.7283-0.2657i
13.6	-2.1188-0.1216i	-62.1795+7.1489i	0.0050+0.1123i	-2.1420+1.1601i	-1.8661+0.5360i	-0.0436-0.1743i	-2.1045+1.1473i	0.7810-0.2588i
13.7	-2.2370-0.0505i	-66.2142+8.3223i	-0.0094+0.0891i	-2.3502+1.0710i	-1.9706+0.6746i	-0.0371-0.1581i	-2.3100+1.0562i	0.8726-0.2629i
13.8	-2.3618+0.0054i	-69.9830+8.6652i	-0.0278+0.0712i	-2.5189+0.9621i	-2.0239+0.7808i	-0.0406-0.1466i	-2.4774+0.9446i	0.9717-0.2399i
13.9	-2.4719+0.1098i	-73.9210+9.8394i	-0.0520+0.0629i	-2.6914+0.9571i	-2.0309+0.8139i	-0.0504-0.1374i	-2.6498+0.9360i	1.0720-0.2864i
14.0	-2.5847+0.2660i	-78.7349+12.1640i	-0.0778+0.0776i	-2.8741+1.0739i	-2.1231+0.8676i	-0.0534-0.1303i	-2.8368+1.0594i	1.1724-0.3632i
14.1	-2.6642+0.3928i	-82.8226+14.4184i	-0.0865+0.0936i	-3.0148+1.1742i	-2.2191+0.9343i	-0.0495-0.1184i	-2.9802+1.1547i	1.2759-0.4516i
14.2	-2.7728+0.5419i	-88.9151+16.8923i	-0.0947+0.1008i	-3.2135+1.2233i	-2.3724+1.0247i	-0.0491-0.0990i	-3.1757+1.1981i	1.3928-0.5435i
14.3	-2.8698+0.6942i	-94.4554+20.0037i	-0.1044+0.1147i	-3.4061+1.3265i	-2.5418+1.1483i	-0.0492-0.0794i	-3.3668+1.3017i	1.4741-0.6515i
14.4	-2.9541+0.8732i	-100.1928+23.7616i	-0.1128+0.1263i	-3.6212+1.4431i	-2.7038+1.3170i	-0.0464-0.0630i	-3.5767+1.4198i	1.5533-0.7714i
14.5	-3.0377+1.0793i	-105.8990+28.2765i	-0.1285+0.1465i	-3.8288+1.5978i	-2.8762+1.5439i	-0.0374-0.0453i	-3.7807+1.5657i	1.6067-0.8839i
14.6	-3.1458+1.3740i	-113.7047+35.0034i	-0.1415+0.1730i	-4.1298+1.8425i	-3.0622+1.9306i	-0.0267-0.0233i	-4.0767+1.8056i	1.7146-1.0428i
14.7	-3.1498+1.6792i	-118.8516+42.2757i	-0.1288+0.2150i	-4.3032+2.1488i	-3.0699+2.3532i	-0.0034+0.0006i	-4.2545+2.0990i	1.7823-1.2002i
14.8	-2.9077+1.9339i	-121.1539+50.1194i	-0.0866+0.2416i	-4.3385+2.4188i	-2.7324+2.6944i	0.0585+0.0187i	-4.3110+2.3634i	1.7616-1.3593i
14.9	-2.6743+1.9636i	-123.1230+52.4697i	-0.0439+0.2362i	-4.3673+2.4906i	-2.3758+2.7615i	0.1200+0.0266i	-4.3427+2.4398i	1.7880-1.3217i
15.0	-2.6283+1.7775i	-130.6291+51.2883i	-0.0234+0.1981i	-4.5815+2.3587i	-2.2699+2.4428i	0.1773-0.0060i	-4.5627+2.3096i	1.9713-1.2912i
15.1	-2.9157+1.5652i	-147.2636+51.0815i	-0.0275+0.1569i	-5.2232+2.2135i	-2.5749+2.0872i	0.2192-0.0506i	-5.2042+2.1629i	2.3584-1.3239i
15.2	-3.4427+1.6991i	-168.5653+60.1667i	-0.0387+0.1285i	-6.1055+2.5430i	-3.1913+2.1001i	0.2528-0.1051i	-6.0751+2.5004i	2.8231-1.6253i
15.3	-3.9617+2.0006i	-190.2769+73.7710i	-0.0736+0.1114i	-6.9919+3.0838i	-3.8851+2.3633i	0.2792-0.1604i	-6.9533+3.0318i	3.2597-2.0103i
15.4	-4.7855+2.6911i	-227.2904+103.0615i	-0.1541+0.0850i	-8.4446+4.2226i	-4.9799+2.8669i	0.3110-0.2609i	-8.3838+4.1529i	3.9855-2.9395i
15.5	-5.3277+3.5715i	-253.6234+138.5680i	-0.2295+0.1048i	-9.4788+5.6179i	-5.8325+3.7034i	0.3025-0.3442i	-9.4082+5.5259i	4.3724-3.9243i
15.6	-5.8076+5.0743i	-279.3830+199.9772i	-0.3153+0.1619i	-10.4700+8.0193i	-6.7359+5.3440i	0.2847-0.4667i	-10.4130+7.8947i	4.6240-5.4723i
15.7	-5.2710+7.8079i	-270.1503+314.4992i	-0.4331+0.2768i	-10.0329+12.5415i	-6.8754+8.6076i	0.1355-0.6458i	-10.0132+12.3813i	3.6121-8.0730i
15.8	-2.8975+9.8518i	-186.1015+407.7342i	-0.4536+0.4544i	-6.6451+16.1804i	-4.8281+11.3602i	-0.1170-0.7246i	-6.6723+16.0425i	0.8796-9.8629i
15.9	0.9549+10.4274i	-37.5720+447.8056i	-0.3667+0.6725i	-0.7957+17.6398i	-0.9098+13.0615i	-0.4442-0.5960i	-0.8550+17.5585i	-3.1970-9.7740i
16.0	3.6870+9.1380i	74.2556+413.2461i	-0.2161+0.8265i	3.6397+16.1837i	2.3773+12.5938i	-0.5993-0.3370i	3.5714+16.1246i	-5.7599-7.8829i
16.1	4.9354+6.8706i	128.5767+337.1120i	0.0154+0.8878i	5.8067+13.1129i	4.4991+10.7972i	-0.5128-0.0678i	5.7376+13.0646i	-6.4878-5.1779i
16.2	5.4014+5.0676i	149.9567+274.2028i	0.1785+0.8780i	6.6205+10.6005i	5.6540+9.2249i	-0.4132+0.1058i	6.5689+10.5509i	-6.4739-3.1317i
16.3	5.2084+3.8269i	144.6076+234.5502i	0.2748+0.8291i	6.4023+8.9806i	5.9928+8.0403i	-0.2975+0.1700i	6.3571+8.9206i	-5.8559-1.8625i
16.4	4.8067+2.7567i	131.3169+204.8423i	0.3742+0.8067i	5.9424+7.7110i	6.2456+6.9540i	-0.1653+0.2277i	5.8934+7.6585i	-4.9250-0.8329i
16.5	4.4170+2.1668i	121.5262+193.1065i	0.4602+0.8053i	5.5491+7.1417i	6.3082+6.2942i	-0.0525+0.2681i	5.4979+7.0917i	-4.2346-0.3782i
16.6	4.0652+1.5106i	119.5897+185.3513i	0.6407+0.8001i	5.3817+6.6750i	6.7155+5.6063i	0.1345+0.3038i	5.3094+6.6266i	-3.3551+0.1141i
16.7	3.6927+1.2430i	124.6926+185.3110i	0.8096+0.7070i	5.4399+6.6150i	6.9371+4.9821i	0.2961+0.2079i	5.3628+6.5746i	-2.6582+0.0061i
16.8	3.4108+0.9842i	141.9248+178.0795i	1.0024+0.5436i	5.9575+6.3675i	7.3846+4.2257i	0.4527+0.0556i	5.8831+6.3436i	-2.0600-0.1593i
16.9	3.3125+0.6356i	150.6920+146.4725i	1.0710+0.3512i	6.3091+5.2574i	7.4985+3.2936i	0.4950-0.0552i	6.2405+5.2522i	-1.9059-0.0432i
17.0	3.0651+0.3873i	142.8435+138.3243i	1.1220+0.1794i	6.0129+4.8957i	7.3973+2.6697i	0.5667-0.1927i	5.9498+4.8861i	-1.4954-0.1424i
17.1	2.6967+0.1416i	145.6670+134.4347i	1.1849-0.1349i	5.9892+4.6397i	7.6229+1.8057i	0.6325-0.4906i	5.9291+4.6457i	-0.7448-0.5754i
17.2	2.4150+0.2380i	158.8272+115.0671i	0.9335-0.5969i	6.3452+4.1068i	7.3334+0.2433i	0.3509-0.9153i	6.3074+4.1314i	-0.8617-2.0050i
17.3	2.3746+0.2407i	156.0049+91.2000i	0.5188-0.6517i	6.3447+3.3709i	6.3359-0.5112i	-0.0661-0.9201i	6.3263+3.3811i	-1.8155-2.3963i
17.4	2.3260+0.1019i	143.1061+79.3752i	0.3745-0.5299i	5.9910+2.9073i	5.7243-0.7501i	-0.1881-0.7608i	5.9709+2.9137i	-2.2060-2.1848i
17.5	2.2756-0.0541i	132.7552+71.8727i	0.2567-0.4875i	5.6755+2.5758i	5.0708-1.0392i	-0.2864-0.6905i	5.6604+2.5851i	-2.6479-2.0475i
17.6	2.2106-0.2237i	125.3853+67.6675i	0.1417-0.4165i	5.4437+2.3746i	4.4574-1.0319i	-0.3887-0.6053i	5.4366+2.3752i	-3.0609-1.6819i
17.7	2.0870-0.3959i	118.0300+64.9606i	0.0921-0.2967i	5.2156+2.2331i	4.0748-0.7904i	-0.4286-0.4660i	5.2123+2.2231i	-3.1784-1.1134i
17.8	1.9704-0.5652i	113.1308+64.9300i	0.0951-0.2302i	5.0585+2.1614i	3.9313-0.7269i	-0.4148-0.3913i	5.0524+2.1479i	-3.0947-0.7440i
17.9	1.7566-0.7774i	110.7015+66.1036i	0.0821-0.1791i	4.9566+2.1057i	3.6206-0.7778i	-0.4172-0.3313i	4.9448+2.0879i	-3.0146-0.4136i
18.0	1.4730-0.8925i	112.4372+64.7812i	0.0874-0.1205i	4.9860+1.9994i	3.3504-0.6340i	-0.4159-0.2618i	4.9693+1.9798i	-2.8419-0.0471i
18.1	1.2240-0.8839i	112.5482+60.2995i	0.1303-0.0827i	4.9528+1.8269i	3.3392-0.4659i	-0.3683-0.2089i	4.9259+1.8073i	-2.4808+0.1566i
18.2	1.0397-0.9128i	112.9956+55.5633i	0.1838-0.0594i	4.9711+1.6514i	3.4613-0.4012i	-0.3176-0.1735i	4.9363+1.6310i	-2.1089+0.3209i

18.3	0.8448-0.9053i	112.3332+50.7272i	0.2270-0.0622i	4.9380+1.4742i	3.5703-0.4597i	-0.2742-0.1628i	4.9012+1.4589i	-1.7540+0.3252i
18.4	0.6831-0.8045i	108.7925+46.2485i	0.2429-0.1124i	4.8251+1.3398i	3.6003-0.7001i	-0.2470-0.2014i	4.7865+1.3291i	-1.5016+0.0182i
18.5	0.5998-0.7403i	103.9402+42.8458i	0.2523-0.2044i	4.7285+1.2117i	3.6650-1.2482i	-0.2316-0.2828i	4.6886+1.2146i	-1.3735-0.4925i
18.6	0.5333-0.7438i	101.0683+42.1222i	0.1630-0.2979i	4.6711+1.1171i	3.1581-1.8991i	-0.3179-0.3652i	4.6478+1.1333i	-1.7664-0.9582i
18.7	0.4045-0.7915i	101.0238+41.9992i	0.0334-0.2169i	4.6150+1.0373i	2.2276-1.6008i	-0.4426-0.2791i	4.6028+1.0435i	-2.3405-0.4913i
18.8	0.2348-0.8052i	101.3533+39.7177i	0.0414-0.1459i	4.5864+0.9519i	2.0963-1.2116i	-0.4334-0.2005i	4.5694+0.9462i	-2.1741-0.0710i
18.9	0.0692-0.7464i	100.7656+36.8135i	0.0616-0.1255i	4.5722+0.8578i	2.0969-1.0566i	-0.4107-0.1644i	4.5541+0.8500i	-1.9299+0.0281i
19.0	-0.0924-0.6362i	100.2055+33.4763i	0.0621-0.1279i	4.5919+0.7521i	2.0045-1.0218i	-0.4081-0.1541i	4.5705+0.7507i	-1.7865-0.0497i
19.1	-0.1692-0.4719i	97.9506+29.4181i	0.0501-0.1130i	4.5563+0.6343i	1.8912-0.9326i	-0.4199-0.1338i	4.5354+0.6299i	-1.7824-0.1358i
19.2	-0.1996-0.3547i	95.4451+26.6312i	0.0516-0.1030i	4.5305+0.5265i	1.8387-0.8313i	-0.4200-0.1126i	4.5122+0.5232i	-1.7849-0.1567i
19.3	-0.2140-0.2572i	92.6080+24.2052i	0.0595-0.0964i	4.5118+0.4224i	1.8476-0.7515i	-0.4134-0.0941i	4.4933+0.4194i	-1.7668-0.1595i
19.4	-0.2210-0.1804i	89.5333+22.5321i	0.0595-0.0875i	4.4977+0.3277i	1.8320-0.6960i	-0.4127-0.0750i	4.4759+0.3201i	-1.7947-0.1522i
19.5	-0.2310-0.1202i	87.0500+21.2101i	0.0539-0.0894i	4.5000+0.2140i	1.7695-0.7175i	-0.4133-0.0573i	4.4756+0.2103i	-1.8325-0.1594i
19.6	-0.2594-0.0684i	84.9413+20.4747i	0.0634-0.0983i	4.5571+0.0924i	1.7545-0.7579i	-0.4093-0.0431i	4.5321+0.0873i	-1.8509-0.1739i
19.7	-0.2648-0.0178i	82.9770+19.7457i	0.0621-0.0904i	4.5338-0.0373i	1.7243-0.7176i	-0.3984-0.0207i	4.5077-0.0465i	-1.8536-0.1022i
19.8	-0.2723+0.0183i	81.5329+19.2749i	0.0529-0.0831i	4.5007-0.1843i	1.6840-0.6911i	-0.3871-0.0024i	4.4782-0.1897i	-1.8374-0.0145i
19.9	-0.2992+0.0487i	80.2908+18.6397i	0.0522-0.0844i	4.4968-0.3006i	1.6313-0.6801i	-0.3797-0.0003i	4.4716-0.3058i	-1.8126-0.0078i
20.0	-0.3268+0.1039i	78.7631+17.7531i	0.0486-0.0876i	4.4925-0.3961i	1.5886-0.6655i	-0.3776-0.0003i	4.4687-0.3981i	-1.8092-0.0388i
20.1	-0.3374+0.1688i	77.3839+16.8913i	0.0521-0.0837i	4.4994-0.4982i	1.6198-0.6128i	-0.3682+0.0043i	4.4760-0.4998i	-1.7732-0.0146i
20.2	-0.3192+0.2373i	75.7702+15.8597i	0.0478-0.0717i	4.4577-0.6532i	1.5864-0.5477i	-0.3718+0.0104i	4.4316-0.6545i	-1.7966+0.0380i
20.3	-0.3219+0.2597i	74.5699+15.5974i	0.0561-0.0740i	4.4904-0.7582i	1.6050-0.5472i	-0.3736+0.0099i	4.4622-0.7600i	-1.8008+0.0546i
20.4	-0.3250+0.2860i	73.0002+14.9440i	0.0547-0.0717i	4.5295-0.9189i	1.5969-0.5519i	-0.3777+0.0206i	4.5017-0.9181i	-1.8382+0.0920i
20.5	-0.3305+0.3120i	71.3635+14.2738i	0.0562-0.0769i	4.5510-1.0283i	1.6363-0.5710i	-0.3848+0.0222i	4.5197-1.0284i	-1.8280+0.0966i
20.6	-0.3273+0.3624i	70.0341+14.0454i	0.0492-0.0757i	4.5371-1.2167i	1.6118-0.5838i	-0.3984+0.0364i	4.4992-1.2178i	-1.8679+0.1369i
20.7	-0.3265+0.3947i	68.8164+13.6482i	0.0445-0.0711i	4.4858-1.3623i	1.6067-0.5706i	-0.4020+0.0544i	4.4523-1.3620i	-1.8642+0.1727i
20.8	-0.3089+0.4253i	67.6212+13.3231i	0.0422-0.0604i	4.4490-1.5323i	1.6003-0.5360i	-0.4097+0.0796i	4.4160-1.5302i	-1.8755+0.2779i
20.9	-0.2949+0.4729i	66.6388+13.3097i	0.0426-0.0563i	4.4023-1.7793i	1.6097-0.5549i	-0.4103+0.1049i	4.3649-1.7746i	-1.8516+0.3746i
21.0	-0.3259+0.5139i	65.4900+13.3458i	0.0482-0.0571i	4.4679-2.0064i	1.6365-0.6102i	-0.4126+0.1219i	4.4258-1.9949i	-1.8273+0.4173i
21.1	-0.3002+0.6041i	64.3244+13.2767i	0.0543-0.0625i	4.3658-2.3337i	1.6688-0.6672i	-0.4034+0.1514i	4.3230-2.3169i	-1.7794+0.4531i
21.2	-0.2752+0.6533i	63.7630+13.3373i	0.0571-0.0635i	4.2138-2.5825i	1.6619-0.7159i	-0.3917+0.1714i	4.1732-2.5650i	-1.7292+0.5033i
21.3	-0.2755+0.7626i	62.8952+13.6387i	0.0636-0.0636i	4.1833-3.0302i	1.6688-0.7950i	-0.3858+0.2061i	4.1396-3.0096i	-1.6898+0.5765i
21.4	-0.2222+0.8287i	62.1388+13.6461i	0.0659-0.0704i	3.9657-3.3311i	1.6434-0.8481i	-0.3668+0.2335i	3.9286-3.3006i	-1.6333+0.6204i
21.5	-0.1461+0.9002i	61.5918+13.7902i	0.0640-0.0755i	3.6536-3.6227i	1.5646-0.9030i	-0.3447+0.2513i	3.6185-3.5888i	-1.6006+0.6499i
21.6	-0.1195+0.9461i	60.8244+13.8330i	0.0613-0.0809i	3.5229-3.8426i	1.5140-1.0025i	-0.3451+0.2706i	3.4888-3.7998i	-1.6133+0.6439i
21.7	-0.0245+0.9134i	60.4503+13.5833i	0.0555-0.0787i	3.0902-3.8157i	1.4370-0.9732i	-0.3176+0.2740i	3.0638-3.7737i	-1.5502+0.6702i
21.8	0.0910+0.9446i	60.0407+13.6452i	0.0525-0.0804i	2.5944-4.0325i	1.3421-0.9965i	-0.2815+0.2934i	2.5744-3.9874i	-1.4788+0.7269i
21.9	0.1368+0.9622i	59.7071+13.7596i	0.0509-0.0856i	2.3487-4.1408i	1.2768-1.0292i	-0.2679+0.3019i	2.3327-4.0961i	-1.4477+0.7458i
22.0	0.2138+0.9391i	59.4803+13.6516i	0.0470-0.0903i	1.9419-4.1424i	1.2073-1.0480i	-0.2433+0.3026i	1.9332-4.1016i	-1.3884+0.7577i
22.1	0.2925+0.8641i	59.1455+13.1164i	0.0440-0.0851i	1.5925-3.8876i	1.1417-0.9754i	-0.2221+0.2984i	1.5864-3.8508i	-1.3521+0.7673i
22.2	0.3185+0.8157i	58.7992+12.9466i	0.0464-0.0784i	1.4272-3.7435i	1.1207-0.9345i	-0.2067+0.2972i	1.4258-3.7079i	-1.3063+0.7914i
22.3	0.3862+0.7721i	58.4329+12.6079i	0.0485-0.0806i	1.0482-3.6236i	1.1049-0.9252i	-0.1720+0.2898i	1.0485-3.5865i	-1.1639+0.7939i
22.4	0.3864+0.7329i	57.9872+12.7336i	0.0344-0.0918i	0.9898-3.4824i	1.0292-0.9728i	-0.1761+0.2747i	0.9937-3.4437i	-1.1926+0.7407i
22.5	0.3642+0.7310i	57.2361+12.7446i	0.0277-0.0927i	1.0494-3.5095i	0.9827-0.9902i	-0.1901+0.2892i	1.0561-3.4762i	-1.2312+0.7784i
22.6	0.3917+0.7128i	56.8041+12.3843i	0.0388-0.0857i	0.8753-3.4377i	1.0119-0.9195i	-0.1654+0.2945i	0.8842-3.4055i	-1.1201+0.7918i
22.7	0.3864+0.7083i	56.3473+12.6164i	0.0400-0.0920i	0.8161-3.4402i	1.0270-0.9263i	-0.1510+0.3018i	0.8290-3.4064i	-1.0553+0.7797i
22.8	0.4467+0.7318i	56.1750+12.7343i	0.0341-0.0965i	0.5493-3.5870i	0.9466-0.9490i	-0.1359+0.3242i	0.5636-3.5562i	-1.0138+0.8283i
22.9	0.4689+0.7694i	55.6827+13.1892i	0.0393-0.1102i	0.4364-3.7973i	0.9656-1.0279i	-0.1126+0.3474i	0.4433-3.7718i	-0.9436+0.8624i
23.0	0.5320+0.8650i	55.8764+13.6754i	0.0272-0.1294i	0.0433-4.2400i	0.8686-1.1533i	-0.0655+0.3902i	0.0545-4.2112i	-0.8286+0.9479i
23.1	0.6214+0.8005i	55.9153+13.3298i	0.0106-0.1245i	-0.4206-4.0308i	0.7383-1.0921i	-0.0315+0.3791i	-0.4051-4.0030i	-0.7492+0.9062i
23.2	0.7478+0.7905i	56.3831+13.1783i	-0.0122-0.1327i	-0.9926-3.9107i	0.5564-1.0749i	0.0206+0.3611i	-0.9751-3.8864i	-0.6618+0.8225i
23.3	0.9188+0.7619i	57.0718+12.8813i	-0.0474-0.1250i	-1.7575-3.7397i	0.3181-1.0016i	0.0877+0.3427i	-1.7370-3.7161i	-0.5542+0.7780i
23.4	0.9678+0.6578i	56.9814+12.4285i	-0.0592-0.1024i	-1.9975-3.3836i	0.2481-0.8682i	0.1101+0.3188i	-1.9749-3.3687i	-0.5265+0.7492i
23.5	0.9721+0.5379i	56.7615+11.8857i	-0.0629-0.0948i	-2.0587-2.9152i	0.2338-0.7660i	0.1158+0.2835i	-2.0338-2.9013i	-0.5161+0.6412i
23.6	1.0033+0.4020i	56.5287+10.8178i	-0.0574-0.0667i	-2.2159-2.2475i	0.2573-0.5387i	0.1293+0.2197i	-2.1901-2.2375i	-0.4785+0.5163i
23.7	0.9874+0.2810i	56.0993+10.2326i	-0.0406-0.0563i	-2.1747-1.7818i	0.3599-0.4277i	0.1445+0.1785i	-2.1574-1.7761i	-0.4222+0.4322i
23.8	0.9617+0.1718i	55.5815+9.8101i	-0.0422-0.0500i	-2.1080-1.4094i	0.3790-0.3726i	0.1422+0.1450i	-2.0924-1.3983i	-0.4375+0.3421i
23.9	0.9119+0.0958i	55.0638+9.6433i	-0.0365-0.0407i	-1.9264-1.1463i	0.4129-0.3318i	0.1195+0.1266i	-1.9078-1.1410i	-0.4947+0.2925i
24.0	0.8612+0.0218i	54.4964+9.3946i	-0.0233-0.0376i	-1.7853-0.9174i	0.5189-0.2891i	0.1187+0.1076i	-1.7724-0.9186i	-0.4894+0.2512i
24.1	0.8195-0.0297i	53.9072+9.3773i	-0.0156-0.0413i	-1.6238-0.8004i	0.5813-0.2697i	0.1111+0.0960i	-1.6110-0.8003i	-0.5129+0.2396i
24.2	0.7753-0.0801i	53.2943+9.1393i	-0.0120-0.0417i	-1.4771-0.5894i	0.6255-0.2514i	0.0958+0.0722i	-1.4631-0.5859i	-0.5694+0.1594i
24.3	0.7204-0.1271i	52.9420+8.9230i	-0.0089-0.0519i	-1.3269-0.4037i	0.6868-0.2825i	0.0811+0.0429i	-1.3158-0.3969i	-0.6173+0.0590i
24.4	0.6705-0.1491i	52.6422+8.7818i	-0.0157-0.0555i	-1.2024-0.3320i	0.6900-0.2940i	0.0601+0.0361i	-1.1945-0.3298i	-0.6693+0.0385i
24.5	0.6263-0.1803i	52.3054+8.7468i	-0.0283-0.0524i	-1.0923-0.2724i	0.6809-0.2659i	0.0485+0.0361i	-1.0806-0.2686i	-0.7506+0.0599i

24.6	0.5750-0.2019i	51.8815+8.7507i	-0.0205-0.0607i	-0.9621-0.1777i	0.7259-0.3281i	0.0390+0.0063i	-0.9527-0.1701i	-0.7962-0.0140i
24.7	0.5280-0.2146i	51.6041+8.9261i	-0.0280-0.0699i	-0.8337-0.1610i	0.7129-0.3500i	0.0173+0.0076i	-0.8229-0.1611i	-0.8700-0.0047i
24.8	0.4879-0.2290i	51.3240+8.7644i	-0.0387-0.0523i	-0.7462-0.1356i	0.7211-0.2863i	0.0065+0.0235i	-0.7361-0.1371i	-0.9228+0.0583i
24.9	0.4609-0.2428i	51.0066+8.6204i	-0.0487-0.0346i	-0.6672-0.1122i	0.7115-0.2266i	-0.0125+0.0398i	-0.6597-0.1164i	-1.0062+0.1276i
25.0	0.3984-0.2394i	50.8648+8.4617i	-0.0493-0.0227i	-0.5944-0.1074i	0.6930-0.2021i	-0.0116+0.0461i	-0.5858-0.1140i	-1.0204+0.1908i
25.1	0.3574-0.2398i	50.5699+8.4511i	-0.0492-0.0226i	-0.5276-0.1013i	0.7276-0.2270i	-0.0127+0.0497i	-0.5192-0.1024i	-1.0353+0.2117i
25.2	0.3347-0.2259i	50.2520+8.3769i	-0.0453-0.0183i	-0.4730-0.0891i	0.7722-0.2210i	-0.0228+0.0520i	-0.4607-0.0870i	-1.0493+0.2238i
25.3	0.3032-0.2321i	49.9918+8.4651i	-0.0364-0.0170i	-0.4306-0.0790i	0.8410-0.2531i	-0.0171+0.0508i	-0.4156-0.0784i	-1.0374+0.2493i
25.4	0.2556-0.2194i	49.7329+8.4295i	-0.0266-0.0162i	-0.3907-0.0844i	0.8937-0.2918i	-0.0047+0.0497i	-0.3798-0.0879i	-0.9862+0.2636i
25.5	0.2334-0.2202i	49.6098+8.3997i	-0.0195-0.0078i	-0.3515-0.0668i	0.9272-0.2856i	-0.0055+0.0566i	-0.3401-0.0732i	-0.9831+0.3085i
25.6	0.2166-0.2217i	49.2629+8.4134i	-0.0151-0.0103i	-0.3041-0.0588i	0.9503-0.2948i	-0.0042+0.0619i	-0.2970-0.0581i	-1.0012+0.3496i
25.7	0.1931-0.2064i	48.9498+8.5087i	-0.0196-0.0141i	-0.2592-0.0591i	0.9315-0.3566i	-0.0076+0.0497i	-0.2555-0.0551i	-1.0259+0.3438i
25.8	0.1651-0.1831i	48.8564+8.4361i	-0.0227-0.0134i	-0.2362-0.0581i	0.9163-0.3812i	-0.0064+0.0432i	-0.2297-0.0524i	-1.0010+0.3355i
25.9	0.1490-0.1860i	48.5618+8.4349i	-0.0074-0.0060i	-0.1986-0.0500i	0.9842-0.3871i	0.0049+0.0446i	-0.1966-0.0483i	-0.9812+0.3983i
26.0	0.1439-0.1749i	48.3022+8.4220i	-0.0042-0.0140i	-0.1665-0.0458i	1.0261-0.4359i	0.0064+0.0364i	-0.1638-0.0419i	-0.9792+0.3853i
26.1	0.1332-0.1668i	48.1014+8.4579i	-0.0070-0.0109i	-0.1393-0.0471i	1.0100-0.4612i	-0.0016+0.0329i	-0.1326-0.0444i	-0.9966+0.3883i
26.2	0.1187-0.1586i	47.6772+8.5534i	-0.0219-0.0113i	-0.1086-0.0480i	0.9685-0.4801i	-0.0171+0.0326i	-0.1041-0.0472i	-1.0578+0.4048i
26.3	0.0998-0.1484i	47.3861+8.6297i	-0.0174-0.0105i	-0.0805-0.0527i	1.0128-0.4762i	-0.0103+0.0427i	-0.0716-0.0476i	-1.0369+0.4135i
26.4	0.0851-0.1458i	47.3346+8.7929i	-0.0142-0.0059i	-0.0627-0.0639i	1.0481-0.5134i	-0.0066+0.0447i	-0.0563-0.0635i	-1.0179+0.4552i
26.5	0.0716-0.1345i	46.9432+8.9719i	-0.0107-0.0068i	-0.0390-0.0862i	1.0638-0.5850i	-0.0075+0.0387i	-0.0329-0.0881i	-1.0458+0.4836i
26.6	0.0495-0.1189i	46.7124+9.1550i	-0.0023-0.0058i	-0.0165-0.0865i	1.0695-0.6998i	0.0013+0.0296i	-0.0101-0.0865i	-1.0263+0.4919i
26.7	0.0382-0.1118i	46.6321+9.3893i	0.0010-0.0024i	-0.0286-0.0944i	1.0194-0.7462i	0.0009+0.0344i	-0.0188-0.0899i	-1.0172+0.5191i
26.8	0.0233-0.1142i	46.7071+9.5700i	-0.0052-0.0066i	-0.0497-0.0872i	0.8957-0.7776i	-0.0021+0.0324i	-0.0439-0.0848i	-1.0387+0.5526i
26.9	0.0093-0.1053i	46.6879+9.7634i	-0.0085-0.0118i	-0.0484-0.0430i	0.7930-0.7770i	-0.0006+0.0255i	-0.0467-0.0383i	-1.0588+0.6089i
27.0	-0.0020-0.0943i	46.5789+10.0705i	-0.0002-0.0135i	-0.0068+0.0001i	0.8372-0.7527i	0.0022+0.0151i	-0.0058+0.0053i	-1.0534+0.6634i
27.1	-0.0248-0.0876i	46.4680+10.2436i	0.0064-0.0075i	0.0491+0.0205i	0.8653-0.7206i	-0.0012+0.0135i	0.0467+0.0240i	-1.0366+0.7006i
27.2	-0.0485-0.0718i	46.4543+10.5984i	0.0127-0.0002i	0.1208+0.0164i	0.8886-0.7560i	-0.0046+0.0181i	0.1160+0.0152i	-0.9838+0.7867i
27.3	-0.0665-0.0573i	46.5940+10.9113i	0.0148-0.0111i	0.1656+0.0101i	0.8884-0.8214i	0.0031+0.0096i	0.1656+0.0070i	-0.9663+0.8370i
27.4	-0.0796-0.0182i	46.8174+11.1766i	0.0180-0.0282i	0.2337-0.0268i	0.8888-0.9312i	0.0004-0.0059i	0.2321-0.0293i	-0.9282+0.8534i
27.5	-0.0803+0.0033i	47.0405+11.3622i	0.0106-0.0286i	0.2796-0.0752i	0.8240-0.9832i	-0.0158-0.0098i	0.2762-0.0738i	-0.9003+0.9078i
27.6	-0.0788+0.0381i	47.3499+11.5420i	0.0063-0.0272i	0.3160-0.1668i	0.7434-1.0454i	-0.0282-0.0056i	0.3183-0.1639i	-0.8601+0.9987i
27.7	-0.0779+0.0655i	47.6842+11.7216i	0.0074-0.0368i	0.3228-0.2422i	0.6895-1.1388i	-0.0254-0.0061i	0.3256-0.2405i	-0.7685+1.0642i
27.8	-0.0763+0.0909i	48.1568+11.8798i	0.0041-0.0505i	0.2992-0.3307i	0.5922-1.2319i	-0.0245-0.0063i	0.2997-0.3276i	-0.6381+1.1004i
27.9	-0.0654+0.1124i	48.6804+11.9714i	-0.0005-0.0612i	0.2597-0.3920i	0.4773-1.2945i	-0.0287-0.0107i	0.2599-0.3860i	-0.5541+1.1204i
28.0	-0.0397+0.1372i	49.4932+11.8258i	-0.0118-0.0734i	0.1589-0.4513i	0.2692-1.3311i	-0.0345-0.0152i	0.1618-0.4352i	-0.3960+1.1142i
28.1	-0.0125+0.1436i	50.0278+11.3655i	-0.0306-0.0624i	0.0621-0.4473i	0.0636-1.2398i	-0.0454-0.0116i	0.0707-0.4376i	-0.2630+1.0680i
28.2	0.0208+0.1500i	50.5911+10.9029i	-0.0471-0.0489i	-0.0163-0.4235i	-0.1177-1.1190i	-0.0544-0.0088i	-0.0100-0.4200i	-0.1460+1.0161i
28.3	0.0404+0.1426i	50.8595+10.4567i	-0.0573-0.0451i	-0.0583-0.3876i	-0.2154-1.0058i	-0.0582-0.0091i	-0.0520-0.3868i	-0.0885+0.9304i
28.4	0.0545+0.1191i	51.0411+9.6365i	-0.0544-0.0350i	-0.0930-0.3319i	-0.2372-0.8598i	-0.0439-0.0020i	-0.0875-0.3313i	0.0181+0.8112i
28.5	0.0698+0.1090i	50.8634+8.9627i	-0.0446-0.0299i	-0.1075-0.2803i	-0.2176-0.7110i	-0.0399+0.0020i	-0.1071-0.2775i	0.0674+0.6841i
28.6	0.0718+0.0946i	50.7101+8.4802i	-0.0454-0.0202i	-0.1127-0.2372i	-0.2188-0.5966i	-0.0420+0.0004i	-0.1081-0.2362i	0.0695+0.6010i
28.7	0.0733+0.0757i	50.6438+7.9344i	-0.0497-0.0090i	-0.1166-0.1869i	-0.2255-0.4918i	-0.0416+0.0016i	-0.1083-0.1879i	0.0786+0.5232i
28.8	0.0747+0.0738i	50.3707+7.5089i	-0.0529-0.0044i	-0.1065-0.1590i	-0.2090-0.4082i	-0.0459-0.0012i	-0.0983-0.1609i	0.0376+0.4544i
28.9	0.0691+0.0682i	50.0980+7.2349i	-0.0483-0.0108i	-0.0926-0.1367i	-0.1767-0.3794i	-0.0492-0.0055i	-0.0870-0.1392i	0.0108+0.3597i
29.0	0.0637+0.0616i	49.9775+7.0030i	-0.0484-0.0136i	-0.0781-0.1240i	-0.1572-0.3448i	-0.0514-0.0096i	-0.0782-0.1277i	-0.0149+0.2862i
29.1	0.0571+0.0474i	49.7739+6.6536i	-0.0480-0.0114i	-0.0696-0.1153i	-0.1208-0.2941i	-0.0518-0.0073i	-0.0702-0.1114i	-0.0284+0.2466i
29.2	0.0453+0.0379i	49.5104+6.4427i	-0.0429-0.0076i	-0.0583-0.1006i	-0.0722-0.2373i	-0.0488-0.0025i	-0.0660-0.0909i	-0.0261+0.2308i
29.3	0.0467+0.0355i	49.1883+6.4407i	-0.0470-0.0042i	-0.0486-0.0749i	-0.0469-0.2123i	-0.0590-0.0078i	-0.0449-0.0755i	-0.0890+0.1926i
29.4	0.0523+0.0351i	49.0725+6.3176i	-0.0466+0.0116i	-0.0515-0.0570i	-0.0449-0.1358i	-0.0609+0.0037i	-0.0470-0.0575i	-0.1230+0.2094i
29.5	0.0376+0.0243i	48.7884+6.2176i	-0.0397+0.0006i	-0.0314-0.0631i	0.0264-0.1415i	-0.0386-0.0001i	-0.0298-0.0523i	-0.0980+0.1643i
29.6	0.0299+0.0147i	48.5802+6.1523i	-0.0426+0.0033i	-0.0080-0.0535i	0.0620-0.1144i	-0.0410+0.0064i	-0.0047-0.0466i	-0.1257+0.1598i
29.7	0.0322+0.0029i	48.5325+6.0091i	-0.0442+0.0030i	-0.0048-0.0406i	0.0548-0.1040i	-0.0548+0.0089i	-0.0007-0.0472i	-0.1702+0.1504i
29.8	0.0156+0.0040i	48.2822+5.8513i	-0.0524+0.0140i	-0.0047-0.0327i	0.0547-0.0772i	-0.0565+0.0108i	0.0015-0.0425i	-0.2033+0.1371i
29.9	0.0082+0.0132i	48.1948+5.7508i	-0.0707+0.0058i	-0.0036-0.0178i	0.0232-0.0781i	-0.0646-0.0007i	0.0024-0.0195i	-0.2415+0.0884i
30.0	0.0071+0.0226i	48.0591+5.6891i	-0.0464-0.0142i	-0.0025-0.0299i	0.0803-0.1084i	-0.0469-0.0152i	-0.0001-0.0221i	-0.2024+0.0255i
30.1	-0.0204+0.0156i	47.7670+5.6827i	-0.0412-0.0029i	0.0216-0.0191i	0.1323-0.0752i	-0.0405-0.0150i	0.0187-0.0168i	-0.1915+0.0454i
30.2	-0.0468+0.0104i	47.7134+5.5691i	-0.0488+0.0074i	0.0289-0.0085i	0.1401-0.0554i	-0.0342-0.0119i	0.0273-0.0079i	-0.1890+0.0438i
30.3	-0.0592+0.0146i	47.6854+5.4996i	-0.0586+0.0254i	0.0321-0.0048i	0.1321-0.0090i	-0.0427-0.0003i	0.0357-0.0070i	-0.2090+0.0654i
30.4	-0.0642+0.0038i	47.5600+5.4238i	-0.0727+0.0269i	0.0298+0.0097i	0.1028-0.0085i	-0.0498-0.0021i	0.0402+0.0067i	-0.2571+0.0476i
30.5	-0.0788-0.0002i	47.4385+5.3887i	-0.0705+0.0045i	0.0402+0.0216i	0.1094-0.0766i	-0.0505-0.0181i	0.0413+0.0115i	-0.2495-0.0051i
30.6	-0.0638+0.0262i	47.3804+5.4434i	-0.0789-0.0064i	0.0367+0.0145i	0.1090-0.1168i	-0.0555-0.0318i	0.0431+0.0163i	-0.2735-0.0512i
30.7	-0.0841+0.0464i	47.2577+5.3579i	-0.0863-0.0160i	0.0298+0.0117i	0.1347-0.1376i	-0.0444-0.0462i	0.0330+0.0180i	-0.2634-0.1114i
30.8	-0.1126+0.0319i	47.2510+5.3110i	-0.0752-0.0005i	0.0325+0.0210i	0.1608-0.0766i	-0.0221-0.0367i	0.0284+0.0237i	-0.2206-0.0836i

30.9	-0.1394+0.0381i	47.1530+5.3132i	-0.0699+0.0165i	0.0507+0.0393i	0.1749-0.0275i	-0.0191-0.0370i	0.0500+0.0402i	-0.2042-0.0523i
31.0	-0.1644+0.0465i	46.9700+5.2561i	-0.0827+0.0175i	0.0432+0.0477i	0.1649-0.0246i	-0.0102-0.0459i	0.0442+0.0476i	-0.2087-0.0718i
31.1	-0.1874+0.0633i	46.9679+5.1552i	-0.0757+0.0420i	0.0312+0.0618i	0.2084+0.0493i	0.0164-0.0404i	0.0314+0.0588i	-0.1509-0.0544i
31.2	-0.1751+0.1061i	46.9425+4.9479i	-0.0961+0.0310i	0.0139+0.0868i	0.1667-0.0071i	-0.0028-0.0737i	0.0209+0.0864i	-0.2067-0.1309i
31.3	-0.1923+0.1268i	46.8398+4.8858i	-0.1069+0.0360i	0.0143+0.0906i	0.1250+0.0057i	-0.0032-0.0794i	0.0228+0.0917i	-0.2396-0.1557i
31.4	-0.2334+0.1126i	46.7427+4.7445i	-0.0987+0.0802i	0.0264+0.1383i	0.1565+0.0877i	0.0294-0.0711i	0.0296+0.1316i	-0.1485-0.1246i
31.5	-0.2352+0.1532i	46.5935+4.6536i	-0.1049+0.1116i	0.0334+0.2015i	0.1325+0.1188i	0.0154-0.1023i	0.0362+0.2036i	-0.1825-0.1674i
31.6	-0.1940+0.2482i	46.3304+4.5452i	-0.0873+0.1113i	0.0777+0.2376i	0.1565+0.0917i	-0.0305-0.1660i	0.0794+0.2411i	-0.2066-0.3124i
31.7	-0.2011+0.2644i	46.2313+4.3749i	-0.0830+0.1130i	0.1307+0.2857i	0.1249+0.0714i	-0.0543-0.2027i	0.1342+0.2783i	-0.2367-0.3847i
31.8	-0.1930+0.2860i	46.0856+4.4233i	-0.0671+0.1315i	0.1803+0.2954i	0.1334+0.1200i	-0.0700-0.2012i	0.1827+0.2875i	-0.2575-0.3837i
31.9	-0.1592+0.3409i	45.9287+4.4374i	-0.0492+0.1522i	0.1904+0.3070i	0.2127+0.1823i	-0.0680-0.2146i	0.1877+0.3027i	-0.2772-0.4607i
32.0	-0.1532+0.3375i	45.5218+4.3663i	-0.0065+0.1213i	0.2989+0.2609i	0.2146+0.1439i	-0.1119-0.2023i	0.2975+0.2593i	-0.2803-0.5132i
32.1	-0.1507+0.3152i	45.4420+4.4351i	-0.0046+0.1151i	0.3635+0.2477i	0.1493+0.1447i	-0.1650-0.1963i	0.3592+0.2406i	-0.3253-0.5130i
32.2	-0.1225+0.3937i	45.2522+4.2555i	0.0191+0.1349i	0.4134+0.2715i	0.2080+0.2225i	-0.1841-0.2239i	0.4066+0.2655i	-0.3817-0.5953i
32.3	-0.1117+0.4307i	45.1328+4.2026i	0.0154+0.1427i	0.4143+0.2507i	0.2087+0.3063i	-0.1849-0.2123i	0.4094+0.2513i	-0.4240-0.6215i
32.4	-0.0729+0.4367i	44.6363+4.2924i	0.0433+0.1385i	0.5208+0.2259i	0.1705+0.3233i	-0.2480-0.2018i	0.5176+0.2239i	-0.5024-0.6374i
32.5	0.0243+0.5346i	44.0672+4.3058i	0.0897+0.1236i	0.5830+0.1590i	0.3221+0.3779i	-0.2891-0.2068i	0.5791+0.1582i	-0.6255-0.7144i
32.6	0.0842+0.5647i	43.6567+4.4947i	0.0819+0.0914i	0.5722+0.0545i	0.3671+0.4130i	-0.3065-0.1703i	0.5688+0.0563i	-0.7291-0.7349i
32.7	0.1167+0.5528i	43.3203+4.7516i	0.0937+0.0656i	0.6232-0.0321i	0.3824+0.4305i	-0.3348-0.1198i	0.6179-0.0301i	-0.7704-0.6798i
32.8	0.1629+0.5497i	42.9392+5.0745i	0.0989+0.0623i	0.6035-0.0908i	0.4639+0.4839i	-0.3223-0.0831i	0.5940-0.0881i	-0.7983-0.6349i
32.9	0.2489+0.5051i	42.7582+5.5775i	0.1110+0.0377i	0.5691-0.1318i	0.6209+0.4442i	-0.3040-0.0789i	0.5592-0.1245i	-0.8675-0.6200i
33.0	0.2808+0.4386i	42.6931+6.1142i	0.1014+0.0046i	0.5301-0.1766i	0.6963+0.3961i	-0.2945-0.0547i	0.5222-0.1702i	-0.8828-0.6075i
33.1	0.3037+0.4051i	42.7065+6.4820i	0.0761-0.0129i	0.4838-0.1986i	0.7072+0.3372i	-0.2940-0.0521i	0.4818-0.1936i	-0.9374-0.5918i
33.2	0.3397+0.3863i	42.7761+6.8397i	0.0708-0.0515i	0.4659-0.2322i	0.7736+0.2095i	-0.2980-0.0660i	0.4610-0.2144i	-0.9958-0.6091i
33.3	0.3702+0.3347i	42.8788+7.2680i	0.0464-0.0673i	0.4164-0.2205i	0.7818+0.1084i	-0.2954-0.0783i	0.4124-0.1966i	-1.0459-0.6160i
33.4	0.3818+0.2873i	42.8459+7.4677i	0.0238-0.0767i	0.3798-0.2124i	0.7792+0.0665i	-0.2970-0.0795i	0.3820-0.1925i	-1.0866-0.6237i
33.5	0.3791+0.2520i	42.8821+7.7647i	0.0142-0.1004i	0.4046-0.2313i	0.7519-0.0705i	-0.3344-0.0890i	0.4061-0.2151i	-1.1613-0.5920i
33.6	0.4160+0.2093i	42.7033+8.4918i	-0.0164-0.0969i	0.4008-0.2250i	0.7413-0.1572i	-0.3671-0.0974i	0.4059-0.2118i	-1.2969-0.5548i
33.7	0.4355+0.1522i	42.5523+9.4354i	-0.0662-0.1083i	0.3709-0.2369i	0.6371-0.2668i	-0.3999-0.0869i	0.3818-0.2197i	-1.3986-0.5505i
33.8	0.4304+0.0958i	42.8140+10.5799i	-0.1276-0.0935i	0.3406-0.2461i	0.4478-0.3187i	-0.4371-0.0544i	0.3540-0.2231i	-1.5148-0.4920i
33.9	0.4259+0.0712i	43.2498+11.4365i	-0.1542-0.0883i	0.3619-0.2733i	0.3114-0.3340i	-0.4797-0.0334i	0.3844-0.2490i	-1.6255-0.4218i
34.0	0.4481-0.0187i	44.2715+12.6948i	-0.2049-0.0387i	0.2985-0.3109i	0.1540-0.2673i	-0.5003+0.0344i	0.3371-0.2973i	-1.7457-0.1995i
34.1	0.4173-0.1491i	46.4100+13.5588i	-0.2635+0.0487i	0.1605-0.2853i	-0.0321-0.0920i	-0.4895+0.1337i	0.2023-0.2841i	-1.7544+0.1367i
34.2	0.3188-0.2473i	48.4490+13.6442i	-0.2259+0.1183i	0.1201-0.2111i	-0.0121+0.0476i	-0.4280+0.1833i	0.1512-0.2235i	-1.5955+0.3834i
34.3	0.1702-0.2433i	49.8831+12.2943i	-0.1871+0.1448i	0.1351-0.1397i	0.0022+0.1336i	-0.3848+0.1920i	0.1658-0.1583i	-1.3852+0.4447i
34.4	0.0600-0.2370i	51.0554+11.1903i	-0.1804+0.1545i	0.1460-0.0999i	-0.0456+0.1509i	-0.3652+0.2006i	0.1747-0.1168i	-1.2151+0.4975i
34.5	-0.0423-0.1915i	51.8444+9.8417i	-0.1756+0.1683i	0.1658-0.0663i	-0.0837+0.2495i	-0.3248+0.1971i	0.1776-0.0771i	-0.9959+0.4282i
34.6	-0.0809-0.1004i	51.6385+8.6398i	-0.1337+0.1661i	0.2196-0.0498i	-0.0162+0.3298i	-0.3010+0.1648i	0.2303-0.0585i	-0.8819+0.2717i
34.7	-0.1082-0.0579i	51.6559+7.8599i	-0.1351+0.1821i	0.2381-0.0306i	-0.0192+0.3952i	-0.3033+0.1597i	0.2533-0.0383i	-0.8445+0.2324i
34.8	-0.1060+0.0143i	51.4618+7.0061i	-0.1254+0.2127i	0.2654-0.0114i	0.0128+0.5454i	-0.3044+0.1605i	0.2800+0.0200i	-0.8354+0.1382i
34.9	-0.0860+0.0728i	50.9801+6.3723i	-0.1080+0.2293i	0.2920-0.0277i	0.0643+0.6803i	-0.3009+0.1691i	0.3038-0.0353i	-0.8533+0.0281i
35.0	-0.0978+0.1202i	50.7445+5.7768i	-0.0990+0.2459i	0.3139-0.0403i	0.0886+0.7825i	-0.3068+0.1719i	0.3202-0.0519i	-0.8624-0.0378i
35.1	-0.1092+0.1620i	50.7019+5.4102i	-0.1188+0.2647i	0.3157-0.0334i	0.0605+0.8282i	-0.3255+0.1784i	0.3289-0.0480i	-0.8877-0.0644i
35.2	-0.0824+0.1839i	50.5597+5.3165i	-0.0919+0.2656i	0.3226-0.0514i	0.1825+0.8250i	-0.3129+0.1783i	0.3321-0.0610i	-0.9456-0.0729i
35.3	-0.0597+0.2145i	50.3217+5.0340i	-0.0620+0.2642i	0.3360-0.0689i	0.2744+0.8619i	-0.3009+0.1721i	0.3511-0.0788i	-0.9764-0.1189i
35.4	-0.0388+0.2383i	49.9909+4.7808i	-0.0282+0.3019i	0.3480-0.0780i	0.4003+0.9505i	-0.2941+0.2110i	0.3624-0.0892i	-1.0371-0.0747i
35.5	-0.0201+0.2576i	49.8778+4.6402i	-0.0588+0.3248i	0.3459-0.0843i	0.3837+0.9683i	-0.3276+0.2389i	0.3559-0.0998i	-1.1122-0.0040i
35.6	0.0032+0.2812i	49.6070+4.3516i	-0.0285+0.3071i	0.3509-0.0874i	0.4546+0.9385i	-0.3100+0.2257i	0.3592-0.1041i	-1.0960-0.0293i
35.7	0.0606+0.2760i	49.3916+4.4215i	-0.0160+0.2915i	0.3492-0.1140i	0.5363+0.8644i	-0.3191+0.2333i	0.3595-0.1290i	-1.1934+0.0405i
35.8	0.0758+0.2803i	49.3170+4.3238i	0.0226+0.2937i	0.3544-0.1057i	0.6218+0.8639i	-0.2894+0.2260i	0.3669-0.1247i	-1.1611+0.0510i
35.9	0.0888+0.2826i	49.0710+4.2690i	0.0433+0.2915i	0.3565-0.1063i	0.7050+0.8691i	-0.2766+0.2246i	0.3664-0.1317i	-1.1575+0.0461i
36.0	0.1123+0.2734i	48.9372+4.3947i	0.0492+0.2819i	0.3557-0.1193i	0.7609+0.8193i	-0.2759+0.2290i	0.3633-0.1409i	-1.1610+0.0836i
36.1	0.1254+0.2604i	49.0074+4.5370i	0.0353+0.2845i	0.3513-0.1310i	0.7350+0.7716i	-0.2883+0.2497i	0.3648-0.1391i	-1.1467+0.1612i
36.2	0.1488+0.2610i	48.8158+4.3953i	0.0534+0.3174i	0.3504-0.1365i	0.7394+0.8280i	-0.2791+0.2894i	0.3606-0.1495i	-1.1131+0.2287i
36.3	0.1583+0.2488i	48.6695+4.3999i	0.1029+0.3172i	0.3581-0.1383i	0.8257+0.8342i	-0.2351+0.2967i	0.3576-0.1611i	-1.0355+0.2753i
36.4	0.1471+0.2387i	49.0084+4.3616i	0.0980+0.3181i	0.3529-0.1380i	0.7962+0.8014i	-0.2312+0.2899i	0.3477-0.1620i	-0.9574+0.2682i
36.5	0.1678+0.2489i	49.0934+4.1703i	0.0990+0.3291i	0.3476-0.1447i	0.8141+0.8235i	-0.2420+0.2987i	0.3483-0.1682i	-0.9608+0.2499i
36.6	0.2013+0.2398i	49.0603+4.2454i	0.1311+0.3572i	0.3457-0.1515i	0.8487+0.8911i	-0.2117+0.3337i	0.3392-0.1806i	-0.8952+0.2826i
36.7	0.2083+0.2548i	49.2470+4.0360i	0.1517+0.3467i	0.3430-0.1569i	0.8463+0.9119i	-0.1940+0.3319i	0.3342-0.1905i	-0.8147+0.2529i
36.8	0.2304+0.2408i	48.9989+3.7864i	0.1905+0.3385i	0.3445-0.1712i	0.9430+0.9021i	-0.1596+0.3156i	0.3326-0.1928i	-0.7697+0.2071i
36.9	0.2591+0.2203i	48.7315+3.7461i	0.2015+0.3271i	0.3371-0.1726i	0.9861+0.8545i	-0.1600+0.3060i	0.3229-0.1906i	-0.7439+0.1624i
37.0	0.2733+0.2325i	48.7249+3.7408i	0.1918+0.3176i	0.3307-0.1681i	0.9946+0.8316i	-0.1753+0.2945i	0.3174-0.1900i	-0.7502+0.1545i
37.1	0.2843+0.2188i	48.5800+3.8228i	0.2195+0.3161i	0.3092-0.1707i	1.0242+0.7757i	-0.1536+0.2914i	0.2952-0.1943i	-0.7190+0.1095i

37.2	0.3099+0.1913i	48.3829+3.8162i	0.2487+0.3174i	0.2983−0.1768i	1.0551+0.7788i	−0.1322+0.3047i	0.2853−0.1967i	−0.6939+0.0970i
37.3	0.3001+0.1590i	48.3505+3.7259i	0.2495+0.2734i	0.3098−0.1767i	1.0299+0.7373i	−0.1355+0.2641i	0.2967−0.1920i	−0.6911−0.0048i
37.4	0.3124+0.1479i	48.3171+3.2922i	0.3493+0.2629i	0.3178−0.1745i	1.1513+0.7234i	−0.0630+0.2419i	0.2913−0.1781i	−0.6038−0.1496i
37.5	0.3055+0.1381i	48.6183+3.4812i	0.3254+0.2742i	0.3092−0.1598i	1.0901+0.7802i	−0.0855+0.2643i	0.2839−0.1727i	−0.6092−0.1260i
37.6	0.3158+0.1325i	48.6553+3.7056i	0.2783+0.2579i	0.3107−0.1605i	0.9797+0.7912i	−0.1376+0.2656i	0.2906−0.1736i	−0.6639−0.1066i
37.7	0.3175+0.0992i	48.7131+3.7464i	0.2899+0.2477i	0.3079−0.1486i	1.0232+0.8325i	−0.1172+0.2802i	0.2875−0.1575i	−0.6766−0.1326i
37.8	0.3453+0.0752i	48.5158+3.7158i	0.3127+0.2535i	0.3153−0.1521i	1.0494+0.8545i	−0.1159+0.2804i	0.2928−0.1668i	−0.6449−0.1784i
37.9	0.3545+0.0649i	48.4324+3.7851i	0.3151+0.2475i	0.3257−0.1670i	1.0780+0.8755i	−0.1318+0.2879i	0.3033−0.1771i	−0.6789−0.2164i
38.0	0.3338+0.0375i	48.4819+3.9223i	0.3304+0.2237i	0.3081−0.1691i	1.0759+0.8979i	−0.1223+0.2766i	0.2930−0.1713i	−0.6413−0.2998i
38.1	0.3089+0.0296i	48.5816+3.8222i	0.3251+0.1950i	0.3061−0.1659i	1.0488+0.8914i	−0.1304+0.2643i	0.2845−0.1655i	−0.6480−0.4087i
38.2	0.2981+0.0291i	48.6631+3.7994i	0.3009+0.1827i	0.3102−0.1593i	1.0300+0.9018i	−0.1509+0.2644i	0.2857−0.1612i	−0.6938−0.4619i
38.3	0.2968+0.0134i	48.4592+3.8105i	0.3050+0.1883i	0.3085−0.1638i	1.0620+0.9672i	−0.1545+0.2817i	0.2845−0.1661i	−0.7207−0.5269i
38.4	0.2990+0.0131i	48.5274+3.7848i	0.2985+0.2086i	0.3024−0.1499i	1.0636+1.0467i	−0.1590+0.3106i	0.2795−0.1594i	−0.7676−0.5914i
38.5	0.2987+0.0145i	48.6041+3.7816i	0.3005+0.1909i	0.3019−0.1450i	1.1170+1.1012i	−0.1488+0.3197i	0.2932−0.1582i	−0.8372−0.6543i
38.6	0.2762+0.0240i	48.6258+3.5929i	0.3270+0.1795i	0.2969−0.1373i	1.2194+1.1425i	−0.0999+0.3194i	0.2881−0.1397i	−0.8919−0.6561i
38.7	0.2743+0.0025i	48.3582+3.6436i	0.3330+0.1685i	0.2951−0.1458i	1.3979+1.2075i	−0.0739+0.3538i	0.2815−0.1542i	−1.0416−0.7375i
38.8	0.3181−0.0263i	48.3117+3.7300i	0.3458+0.1828i	0.3071−0.1454i	1.4293+1.2747i	−0.0779+0.3780i	0.2941−0.1488i	−1.0897−0.8354i
38.9	0.3211−0.0473i	48.3847+3.7123i	0.3633+0.1757i	0.3068−0.1381i	1.5143+1.2883i	−0.0559+0.3809i	0.2922−0.1360i	−1.1462−0.8714i
39.0	0.2947−0.0427i	48.4875+3.8649i	0.3766+0.1656i	0.2955−0.1297i	1.6180+1.2644i	−0.0152+0.3748i	0.2805−0.1319i	−1.2213−0.8520i
39.1	0.2923−0.0746i	48.4739+3.9433i	0.3848+0.1606i	0.2959−0.1280i	1.7501+1.2054i	0.0247+0.3556i	0.2864−0.1253i	−1.3209−0.8355i
39.2	0.2871−0.0685i	48.5311+3.9719i	0.3813+0.1347i	0.2917−0.1290i	1.8382+1.1055i	0.0534+0.3108i	0.2823−0.1188i	−1.3970−0.7865i
39.3	0.2639−0.0676i	48.6389+3.9785i	0.3749+0.1318i	0.2852−0.1241i	1.8619+1.0667i	0.0586+0.2927i	0.2749−0.1127i	−1.4503−0.7989i
39.4	0.2423−0.1079i	48.5631+4.1220i	0.3885+0.1055i	0.2882−0.1233i	2.0004+1.0612i	0.0856+0.2854i	0.2702−0.1164i	−1.5992−0.7824i
39.5	0.2322−0.0503i	48.5449+4.3404i	0.3651+0.1020i	0.2785−0.1072i	2.0970+0.8830i	0.0866+0.2440i	0.2659−0.1053i	−1.7066−0.6009i
39.6	0.2364−0.0589i	48.6851+4.2858i	0.3960+0.0982i	0.2904−0.1141i	2.1081+0.8590i	0.0917+0.2298i	0.2770−0.1112i	−1.7137−0.5883i
39.7	0.2293−0.0986i	48.8016+4.2883i	0.4438+0.1018i	0.2884−0.1209i	2.1415+0.7719i	0.1163+0.2409i	0.2772−0.1170i	−1.7158−0.5568i
39.8	0.2412−0.0516i	48.9931+4.2564i	0.4403+0.0792i	0.2828−0.0692i	1.9710+0.6068i	0.1188+0.1944i	0.2787−0.0612i	−1.5621−0.5255i
39.9	0.2639−0.0673i	48.9525+4.2326i	0.4200+0.0910i	0.3207−0.0430i	1.8416+0.6718i	0.0888+0.1720i	0.3113−0.0370i	−1.5687−0.6435i
40.0	0.2633−0.1103i	48.9981+4.3251i	0.4163+0.0731i	0.3240−0.0536i	1.9090+0.7817i	0.0802+0.1639i	0.3122−0.0507i	−1.7146−0.6799i
40.1	0.2504−0.0929i	49.0979+4.2643i	0.4291+0.0695i	0.3333−0.0426i	1.9256+0.7941i	0.0815+0.1436i	0.3200−0.0436i	−1.7416−0.6808i
40.2	0.2363−0.1004i	49.2804+4.2902i	0.4279+0.0459i	0.3309−0.0502i	1.9344+0.7536i	0.0753+0.1141i	0.3253−0.0448i	−1.7603−0.6568i
40.3	0.2285−0.1135i	49.4730+4.4928i	0.4320+0.0265i	0.3329−0.0431i	1.9936+0.7606i	0.0810+0.0984i	0.3260−0.0413i	−1.8717−0.6289i
40.4	0.2354−0.1215i	49.5488+4.4305i	0.4245+0.0063i	0.3433−0.0330i	2.0857+0.8070i	0.0670+0.0700i	0.3451−0.0316i	−1.9460−0.6381i
40.5	0.2166−0.1277i	49.7058+4.3503i	0.3993−0.0311i	0.3612−0.0306i	2.1751+0.7957i	0.0378+0.0364i	0.3531−0.0276i	−2.0177−0.5783i
40.6	0.2233−0.1035i	49.8348+4.3871i	0.3923−0.0429i	0.3686−0.0232i	2.2436+0.7757i	0.0267+0.0129i	0.3676−0.0260i	−2.1154−0.4981i
40.7	0.2480−0.0985i	49.7445+4.5056i	0.3766−0.0202i	0.3910−0.0048i	2.3281+0.6535i	−0.0017+0.0122i	0.3904−0.0056i	−2.1448−0.3814i
40.8	0.2594−0.1201i	49.8614+4.6253i	0.3891−0.0270i	0.4097−0.0040i	2.3093+0.6209i	−0.0155+0.0007i	0.4118−0.0080i	−2.1202−0.3671i
40.9	0.2544−0.1239i	50.0140+4.5180i	0.4060−0.0523i	0.4158−0.0136i	2.2669+0.7209i	−0.0113−0.0058i	0.4120−0.0106i	−2.1351−0.4092i
41.0	0.2695−0.1469i	50.1116+4.4291i	0.3875−0.0331i	0.4453−0.0050i	2.4075+0.6011i	−0.0533+0.0104i	0.4375−0.0073i	−2.2135−0.3533i
41.1	0.2762−0.1494i	50.0998+4.3722i	0.3516−0.0262i	0.4526+0.0026i	2.4509+0.5348i	−0.0787−0.0094i	0.4423−0.0038i	−2.1634−0.2603i
41.2	0.2708−0.2147i	50.3018+4.6484i	0.4088−0.0584i	0.4677−0.0037i	2.3501+0.6065i	−0.0592−0.0071i	0.4602−0.0100i	−2.1619−0.2873i
41.3	0.2536−0.2618i	50.5529+4.5333i	0.4016−0.0887i	0.5039−0.0130i	2.4923+0.6103i	−0.0736−0.0118i	0.4904−0.0187i	−2.2206−0.2765i
41.4	0.2371−0.2613i	50.5232+4.3698i	0.3297−0.0833i	0.4868−0.0288i	2.6497+0.4613i	−0.1181−0.0233i	0.4751−0.0402i	−2.2871−0.2123i
41.5	0.2119−0.2780i	50.6064+4.4900i	0.3324−0.0826i	0.4815+0.0102i	2.5647+0.4912i	−0.1395−0.0213i	0.4619−0.0054i	−2.2795−0.2027i
41.6	0.1936−0.3187i	50.7257+4.5400i	0.3510−0.0843i	0.5175+0.0246i	2.5485+0.5187i	−0.1505−0.0125i	0.4935+0.0141i	−2.2693−0.2022i
41.7	0.1786−0.3030i	50.8429+4.4554i	0.3443−0.0730i	0.5511+0.0175i	2.6514+0.4559i	−0.1564−0.0184i	0.5256+0.0036i	−2.3037−0.1840i
41.8	0.1647−0.3060i	50.9498+4.5336i	0.3479−0.0558i	0.5812+0.0008i	2.6992+0.3709i	−0.1804−0.0228i	0.5614−0.0099i	−2.3267−0.1586i
41.9	0.1041−0.3358i	51.2120+4.6726i	0.3293−0.0702i	0.5948−0.0203i	2.7918+0.3410i	−0.2015−0.0202i	0.5738−0.0251i	−2.4198−0.1737i
42.0	0.0546−0.3108i	51.2373+4.5627i	0.3034−0.0502i	0.5970−0.0295i	2.7895+0.2473i	−0.2313−0.0026i	0.5686−0.0354i	−2.4186−0.0823i
42.1	0.0397−0.3153i	51.1882+4.5507i	0.3115−0.0658i	0.5899−0.0190i	2.8288+0.3287i	−0.2283−0.0060i	0.5645−0.0261i	−2.4026−0.0487i
42.2	0.0152−0.2949i	51.3144+4.7361i	0.3418−0.0537i	0.6166−0.0170i	2.7900+0.1991i	−0.2390+0.0070i	0.5940−0.0192i	−2.3864+0.0072i
42.3	−0.0044−0.2916i	51.3542+4.6678i	0.3513−0.0295i	0.6505−0.0147i	2.7296+0.1335i	−0.2686+0.0467i	0.6325−0.0153i	−2.3222−0.0765i
42.4	0.0130−0.2983i	51.5975+4.6772i	0.3444−0.0265i	0.7188−0.0334i	2.8804+0.0546i	−0.2845+0.0580i	0.7017−0.0375i	−2.4078−0.0420i
42.5	−0.0124−0.2793i	51.9648+4.6974i	0.3540−0.0462i	0.7730−0.1100i	2.9564−0.0808i	−0.3033+0.0705i	0.7466−0.1144i	−2.3985+0.0809i
42.6	−0.0342−0.2494i	52.1720+4.7496i	0.4032−0.0722i	0.7437−0.2130i	2.5943−0.0900i	−0.2797+0.1045i	0.7228−0.2113i	−2.2078−0.0609i
42.7	−0.0922−0.2760i	52.0750+4.6909i	0.3428−0.0957i	0.5949−0.1890i	2.6341+0.1148i	−0.2412+0.0865i	0.5800−0.1893i	−2.3981−0.4099i
42.8	−0.1022−0.2653i	51.9824+4.8806i	0.3348−0.0537i	0.6172−0.1321i	2.7742+0.0313i	−0.2669+0.0829i	0.5962−0.1324i	−2.6752−0.2869i
42.9	−0.0892−0.2378i	52.2234+4.7396i	0.3542−0.0565i	0.6466−0.1219i	2.8949−0.0540i	−0.3053+0.0955i	0.6258−0.1238i	−2.7152−0.1218i
43.0	−0.0968−0.2173i	52.5164+4.6713i	0.3459−0.0773i	0.6138−0.0824i	2.7693+0.0531i	−0.3025+0.0993i	0.5959−0.0898i	−2.6702−0.2723i
43.1	−0.0930−0.2188i	52.6773+4.7634i	0.3584−0.0770i	0.6579−0.0335i	2.6908+0.1445i	−0.2881+0.1173i	0.6307−0.0351i	−2.8505−0.2911i
43.2	−0.0954−0.2160i	53.0222+4.6886i	0.3901−0.0602i	0.7562−0.0510i	2.7199+0.1322i	−0.2967+0.1446i	0.7411−0.0364i	−2.9250−0.1473i
43.3	−0.0547−0.1971i	52.9667+4.7042i	0.4052−0.0559i	0.7854−0.1060i	2.8908+0.1966i	−0.2640+0.1388i	0.7735−0.0977i	−2.8362−0.0641i
43.4	−0.0776−0.2111i	53.0062+4.9352i	0.4283−0.0531i	0.8045−0.1047i	2.9558+0.1357i	−0.2638+0.1183i	0.7787−0.1016i	−2.9247−0.0878i

43.5	-0.1430-0.2044i	53.3618+4.9189i	0.4276-0.0774i	0.8478-0.1256i	3.1622+0.0300i	-0.3019+0.1097i	0.8190-0.1262i	-3.1683+0.0354i
43.6	-0.1300-0.1898i	53.4878+4.9210i	0.4235-0.0982i	0.8669-0.1700i	3.3302-0.1671i	-0.3236+0.1309i	0.8381-0.1628i	-3.2789+0.2844i
43.7	-0.1509-0.1697i	53.7403+4.8328i	0.4428-0.1246i	0.8809-0.2602i	3.0813-0.3105i	-0.3249+0.1908i	0.8599-0.2546i	-3.0767+0.3905i
43.8	-0.1691-0.1418i	53.8453+4.8837i	0.4319-0.1340i	0.8533-0.2388i	3.0272-0.0148i	-0.2932+0.1765i	0.8304-0.2378i	-3.0594+0.1390i
43.9	-0.1771-0.1143i	53.9431+5.0084i	0.4450-0.1065i	0.9135-0.1949i	3.4269-0.0286i	-0.3080+0.1390i	0.8850-0.1924i	-3.3539+0.0917i
44.0	-0.1593-0.1035i	54.1489+5.0817i	0.4693-0.1329i	0.9798-0.2291i	3.8191-0.4247i	-0.3446+0.1270i	0.9504-0.2194i	-3.6420+0.3582i
44.1	-0.1980-0.0910i	54.3822+5.0303i	0.4433-0.1762i	0.9858-0.3311i	3.6816-0.9190i	-0.3695+0.1532i	0.9597-0.3105i	-3.7025+0.5414i
44.2	-0.1369-0.0807i	54.5954+4.8706i	0.4164-0.1666i	0.9937-0.3749i	3.4866-1.1041i	-0.4235+0.1834i	0.9713-0.3541i	-3.8589+0.9012i
44.3	-0.1180-0.0906i	54.9398+4.8682i	0.4419-0.1781i	1.0334-0.4509i	3.3079-1.2478i	-0.4645+0.2523i	1.0081-0.4309i	-3.7729+1.3213i
44.4	-0.1968-0.0384i	55.0663+4.6215i	0.4034-0.2106i	0.9584-0.5960i	2.7689-1.5036i	-0.4219+0.3728i	0.9412-0.5743i	-3.1879+1.7976i
44.5	-0.1816-0.0080i	54.9565+4.4014i	0.3673-0.1946i	0.8383-0.5995i	2.3320-1.0377i	-0.3135+0.3884i	0.8225-0.5801i	-2.5401+1.4606i
44.6	-0.2127+0.0640i	55.1361+4.5913i	0.3661-0.1575i	0.7756-0.5691i	2.4277-0.5962i	-0.2568+0.3331i	0.7598-0.5540i	-2.6006+0.9807i
44.7	-0.2102+0.0622i	55.1928+4.6590i	0.3427-0.1678i	0.6915-0.6165i	2.4126-0.4510i	-0.2446+0.3222i	0.6777-0.6081i	-2.5411+0.9258i
44.8	-0.1022+0.1381i	55.2460+4.5544i	0.3615-0.1084i	0.5708-0.4606i	2.6648+0.0163i	-0.2208+0.2788i	0.5609-0.4572i	-2.7125+0.5752i
44.9	-0.0206+0.1832i	55.4761+4.6905i	0.4002-0.0713i	0.6368-0.3025i	2.9568+0.0215i	-0.2194+0.2525i	0.6217-0.2983i	-2.9137+0.5566i
45.0	-0.0145+0.0476i	55.7728+4.9629i	0.4520-0.0557i	0.7928-0.3138i	3.5923-0.1678i	-0.2848+0.2311i	0.7620-0.3063i	-3.1107+0.6336i
45.1	-0.0115+0.0525i	56.2858+4.9557i	0.5303-0.1164i	0.8490-0.3259i	3.7706-0.4383i	-0.3244+0.2421i	0.8268-0.3169i	-3.2692+0.7704i
45.2	0.0640+0.1520i	56.4929+4.6340i	0.5372-0.1785i	0.8789-0.3103i	3.6177-0.8027i	-0.3019+0.2720i	0.8620-0.2943i	-3.1569+0.8815i
45.3	0.0913+0.0875i	56.5749+4.6924i	0.5261-0.1695i	1.0613-0.3493i	3.7238-0.8967i	-0.3029+0.2626i	1.0384-0.3358i	-3.2706+0.6759i
45.4	0.0348+0.0018i	56.9181+4.8390i	0.5572-0.2297i	1.1399-0.5001i	3.9129-1.0960i	-0.3368+0.2480i	1.1094-0.4763i	-3.5488+0.6936i
45.5	0.0575+0.0780i	57.1494+4.5621i	0.5168-0.2676i	1.0523-0.5585i	3.6732-1.2625i	-0.3488+0.2287i	1.0230-0.5319i	-3.7945+0.6857i
45.6	0.1183+0.0004i	57.4082+4.4642i	0.5319-0.2615i	1.1321-0.6050i	3.7257-1.4618i	-0.4442+0.2598i	1.0969-0.5794i	-4.2132+1.1754i
45.7	-0.0112-0.0097i	57.7027+4.3363i	0.5176-0.3023i	1.0589-0.8508i	3.1923-1.8143i	-0.4130+0.3910i	1.0279-0.8128i	-3.6785+1.6424i
45.8	-0.0331+0.0932i	57.8728+4.3985i	0.4668-0.2947i	0.8245-0.8029i	3.1533-1.5888i	-0.3555+0.3822i	0.8056-0.7691i	-3.5644+1.4153i
45.9	0.0518+0.0864i	57.9199+4.1042i	0.4814-0.3000i	0.7855-0.6835i	2.9770-1.8598i	-0.3371+0.3807i	0.7692-0.6534i	-3.6358+1.5061i
46.0	0.1737+0.0762i	57.7736+3.8902i	0.4244-0.3093i	0.8190-0.5757i	2.4499-1.6774i	-0.3115+0.3686i	0.8073-0.5438i	-3.4994+1.3582i
46.1	0.2134-0.0113i	57.9949+4.2747i	0.4619-0.2471i	1.0527-0.6170i	2.7544-1.2863i	-0.3881+0.3591i	1.0360-0.5817i	-4.1404+1.4092i
46.2	0.0853-0.0196i	58.5516+4.2209i	0.5245-0.2888i	1.0881-0.9120i	3.1115-1.4802i	-0.4342+0.4640i	1.0636-0.8741i	-4.3619+2.1570i
46.3	0.0598+0.0145i	58.8753+3.7657i	0.5456-0.3695i	0.9683-1.0461i	3.1217-1.7742i	-0.4206+0.5258i	0.9504-1.0182i	-4.3335+2.6939i
46.4	0.0252+0.1566i	58.9055+3.2203i	0.4833-0.4931i	0.7287-1.2833i	2.3119-2.4699i	-0.2967+0.7203i	0.7241-1.2443i	-3.5033+3.8699i
46.5	0.1465+0.3575i	58.7221+2.9722i	0.3241-0.4885i	0.2254-1.2335i	1.3998-1.9917i	-0.0438+0.7192i	0.2380-1.1976i	-2.0771+3.6818i
46.6	0.4662+0.2399i	58.5022+3.3656i	0.2891-0.3395i	0.1408-0.5935i	1.3117-0.9963i	0.0414+0.4925i	0.1533-0.5805i	-1.6584+2.5441i
46.7	0.4925-0.0239i	58.6334+3.6473i	0.3558-0.3038i	0.5188-0.3891i	1.8708-0.2695i	-0.0323+0.3618i	0.5123-0.3802i	-1.8897+1.9225i
46.8	0.3838-0.1419i	58.8065+3.9127i	0.3952-0.3112i	0.7740-0.5037i	2.6480-0.2256i	-0.1080+0.2924i	0.7551-0.4934i	-2.4086+1.4697i
46.9	0.3263-0.1538i	59.1079+4.3177i	0.3818-0.3258i	0.7740-0.7454i	3.1063-0.6474i	-0.2129+0.2855i	0.7510-0.7256i	-3.2458+1.4405i
47.0	0.3345-0.1637i	59.4603+4.1146i	0.3833-0.3173i	0.6897-0.7760i	2.9761-1.0327i	-0.2539+0.3800i	0.6617-0.7504i	-3.4634+2.2766i
47.1	0.3403-0.2262i	59.4081+3.4942i	0.3660-0.3530i	0.5261-0.7082i	2.2274-0.9165i	-0.1398+0.4924i	0.5013-0.6812i	-2.3525+3.0455i
47.2	0.3820-0.3042i	59.2738+3.6265i	0.3668-0.3067i	0.5919-0.4054i	2.3656+0.4830i	-0.0184+0.3508i	0.5665-0.3937i	-1.6271+1.9209i
47.3	0.3481-0.3760i	59.6971+4.0704i	0.4444-0.2684i	0.8939-0.3637i	3.8422+0.8455i	-0.1123+0.1983i	0.8506-0.3552i	-2.4749+1.1159i
47.4	0.2533-0.3952i	60.2473+4.2464i	0.5043-0.3180i	1.0777-0.5669i	4.9141-0.2850i	-0.2502+0.2057i	1.0136-0.5400i	-3.3130+1.4398i
47.5	0.1791-0.3916i	60.6971+4.1835i	0.5349-0.3695i	1.1169-0.7496i	5.2056-1.2842i	-0.3365+0.2482i	1.0559-0.6999i	-3.8088+1.8959i
47.6	0.0844-0.3654i	61.2525+3.8914i	0.5610-0.4585i	1.1103-0.9580i	4.9772-2.6435i	-0.4033+0.3678i	1.0690-0.8904i	-3.9854+3.1160i
47.7	0.0724-0.3653i	61.0601+3.3353i	0.4541-0.6013i	0.8385-1.1169i	3.3885-3.3830i	-0.2879+0.4857i	0.8224-1.0503i	-2.5510+3.9344i
47.8	0.0798-0.3571i	60.5993+3.5881i	0.2895-0.5857i	0.6303-0.9978i	2.1302-2.6986i	-0.1697+0.4346i	0.6302-0.9413i	-1.3433+3.0345i
47.9	0.0671-0.3508i	60.8269+4.0696i	0.1820-0.4076i	0.6039-0.6991i	2.1893-1.1514i	-0.2094+0.3064i	0.5828-0.6547i	-1.8194+1.4862i
48.0	0.0897-0.3111i	61.3304+4.1535i	0.2306-0.3433i	0.6659-0.6389i	2.5144-0.9338i	-0.2389+0.3270i	0.6430-0.5828i	-2.2985+1.6497i
48.1	0.0390-0.2737i	61.4666+4.0686i	0.2696-0.3198i	0.7954-0.5668i	2.7543-0.7181i	-0.2146+0.3708i	0.7818-0.5134i	-1.9938+1.7320i
48.2	-0.0335-0.3403i	61.9447+4.2368i	0.3451-0.3181i	1.1544-0.6848i	3.7045-0.7373i	-0.3076+0.3714i	1.1291-0.6227i	-2.7277+1.7487i
48.3	-0.0535-0.2755i	62.3829+3.7202i	0.3184-0.4072i	1.0523-1.1687i	3.6571-1.6797i	-0.2719+0.4959i	1.0357-1.0882i	-2.3646+2.6086i
48.4	0.0217-0.2388i	62.4036+3.6944i	0.2255-0.3816i	0.6200-1.2929i	2.9604-1.7125i	-0.1654+0.4901i	0.6230-1.2259i	-1.4594+2.2720i
48.5	-0.0032-0.2422i	62.5207+3.9761i	0.2030-0.2870i	0.3847-0.9799i	3.0430-0.9076i	-0.1428+0.3973i	0.3767-0.9237i	-1.5757+1.3726i
48.6	0.0261-0.2470i	63.0509+4.1432i	0.3284-0.2513i	0.6113-0.7230i	3.4984-1.1883i	-0.1920+0.3658i	0.6064-0.6637i	-2.1261+1.6900i
48.7	0.0373-0.2629i	63.0777+3.9355i	0.3626-0.3028i	0.7084-0.8153i	3.5190-1.4085i	-0.1935+0.3857i	0.7085-0.7599i	-1.9849+1.8642i
48.8	-0.0024-0.2589i	63.2510+3.7213i	0.3202-0.3710i	0.5416-0.8963i	3.2347-1.6348i	-0.1550+0.3792i	0.5343-0.8623i	-1.3636+1.6688i
48.9	0.0628-0.2031i	63.4515+4.0175i	0.2271-0.2905i	0.4561-0.6896i	2.7892-1.1318i	-0.1536+0.3074i	0.4394-0.6433i	-1.3183+0.7144i
49.0	0.1246-0.2709i	63.7655+4.5430i	0.2889-0.1348i	0.6483-0.4614i	3.2952-0.3996i	-0.2338+0.2613i	0.6233-0.3858i	-2.3279+0.1365i
49.1	0.1120-0.2822i	64.3067+4.8183i	0.3720-0.1349i	0.7877-0.4595i	3.8257-0.4870i	-0.2662+0.2636i	0.7638-0.3800i	-2.8043+0.3412i
49.2	0.1009-0.3068i	64.4552+4.7655i	0.4738-0.1651i	1.0106-0.5335i	4.5715-0.7658i	-0.3263+0.2682i	0.9957-0.4393i	-3.5603+0.4925i
49.3	0.0198-0.3169i	65.2293+4.6272i	0.5273-0.2217i	1.0923-0.6984i	4.7944-1.5290i	-0.3753+0.3456i	1.1061-0.5953i	-3.8666+1.2332i
49.4	0.0187-0.2998i	65.8706+4.4534i	0.5189-0.2877i	1.0655-0.7683i	4.4358-2.0133i	-0.3613+0.3890i	1.0903-0.6840i	-3.3342+1.7583i
49.5	0.0453-0.3166i	66.1015+4.2094i	0.4758-0.2845i	1.0694-0.7672i	3.9206-1.9193i	-0.3354+0.3793i	1.0868-0.6846i	-2.8719+1.3463i
49.6	0.0174-0.3702i	66.4092+4.0908i	0.4811-0.2842i	1.0177-0.9207i	3.8691-1.7390i	-0.3380+0.3934i	1.0439-0.8245i	-3.1123+0.9867i
49.7	-0.0214-0.3837i	66.8332+4.5063i	0.5364-0.2709i	1.0349-0.8907i	4.2394-1.7782i	-0.3811+0.3962i	1.0886-0.8004i	-3.9292+1.2505i

49.8	-0.0967-0.3666i	67.1457+4.5608i	0.5562-0.3429i	1.0132-1.0394i	4.0331-2.2777i	-0.3626+0.4782i	1.0719-0.9683i	-3.6159+1.9869i
49.9	-0.0588-0.2806i	67.2341+3.8600i	0.4851-0.3556i	0.7216-0.9418i	3.0490-1.9900i	-0.2177+0.4707i	0.7587-0.8853i	-2.5871+1.6318i
50.0	-0.0508-0.3467i	67.2845+4.1415i	0.5069-0.2884i	0.9333-0.7233i	3.6162-0.9935i	-0.2684+0.3643i	0.9610-0.6550i	-3.0672+0.6114i
50.1	-0.1206-0.3808i	67.9048+4.2949i	0.5827-0.3021i	1.1676-0.8413i	4.5959-1.0671i	-0.3582+0.3644i	1.2136-0.7595i	-4.0146+0.6471i
50.2	-0.2017-0.2859i	68.6043+3.9369i	0.5912-0.3663i	1.1267-1.0216i	4.6581-1.7132i	-0.3505+0.4320i	1.1882-0.9431i	-4.0231+1.1799i
50.3	-0.1560-0.2268i	68.8641+3.5950i	0.5384-0.3968i	0.9486-1.0768i	4.2736-1.9130i	-0.3051+0.4493i	0.9994-1.0056i	-3.7666+1.1068i
50.4	-0.0620-0.1717i	69.0498+3.6790i	0.4951-0.3419i	0.8435-0.9083i	4.1026-1.5376i	-0.2921+0.3892i	0.8906-0.8368i	-4.0524+0.5473i
50.5	-0.0391-0.1939i	69.3092+3.8161i	0.5498-0.2974i	1.0118-0.8449i	4.5162-1.3578i	-0.3525+0.3833i	1.0776-0.7658i	-4.8765+0.7401i
50.6	-0.0843-0.1665i	69.7686+4.0489i	0.5789-0.3109i	1.0439-0.9124i	4.6123-1.4859i	-0.3438+0.4169i	1.1167-0.8387i	-4.9051+1.1265i
50.7	-0.0533-0.1447i	70.4856+4.4011i	0.6162-0.2868i	1.0721-0.8908i	4.8648-1.2524i	-0.3586+0.3987i	1.1476-0.8274i	-5.0341+1.0825i
50.8	-0.0263-0.1550i	70.9260+4.0067i	0.6677-0.2960i	1.0772-0.8938i	5.1089-1.2021i	-0.3755+0.4023i	1.1578-0.8492i	-5.3857+1.3887i
50.9	-0.0263-0.0569i	71.1427+3.7026i	0.6740-0.3212i	1.0140-0.8567i	5.1922-1.3179i	-0.3465+0.4125i	1.1019-0.8201i	-5.1218+1.9066i
51.0	0.1615-0.0664i	71.2823+3.7132i	0.6864-0.2651i	1.1057-0.5730i	5.3827-0.9147i	-0.3309+0.3132i	1.1797-0.5288i	-4.8759+1.2589i
51.1	0.1409-0.2001i	71.7592+3.9334i	0.8253-0.3011i	1.4517-0.6771i	6.6681-1.2828i	-0.4683+0.3005i	1.5232-0.6300i	-6.0309+1.3630i
51.2	0.0559-0.2687i	72.5438+3.9906i	0.8941-0.4935i	1.4880-1.0397i	6.7912-2.8381i	-0.5122+0.4219i	1.5589-1.0072i	-6.1045+2.7686i
51.3	0.0568-0.1589i	72.9379+3.8434i	0.7482-0.5115i	1.2074-0.8924i	5.5681-2.5149i	-0.4073+0.3845i	1.2656-0.8551i	-5.0023+2.1033i
51.4	0.0806-0.0998i	73.6291+3.7998i	0.8136-0.4214i	1.4587-0.7674i	6.3865-2.3095i	-0.5076+0.3447i	1.5262-0.7374i	-6.1827+2.0907i
51.5	0.2307-0.1273i	73.6093+3.5207i	0.8212-0.3646i	1.5566-0.5501i	6.3546-1.6843i	-0.4903+0.2766i	1.6279-0.5142i	-6.0913+1.5633i
51.6	0.3040-0.2871i	74.3993+3.8610i	1.0260-0.3333i	2.2243-0.6395i	7.9487-1.6824i	-0.7133+0.2537i	2.3062-0.5920i	-7.6902+1.4825i
51.7	0.2775-0.3222i	75.3278+3.5487i	1.1332-0.5161i	2.3431-1.3462i	8.0173-3.4479i	-0.7758+0.4690i	2.4341-1.3247i	-7.7604+3.4845i
51.8	0.2418-0.3961i	75.5059+3.4242i	1.1314-0.6316i	2.1099-1.4732i	7.8856-3.6121i	-0.6933+0.4504i	2.1908-1.4517i	-7.3511+3.4678i
51.9	0.1869-0.3623i	75.7714+3.3356i	1.0823-0.5905i	2.0066-1.2457i	8.1567-3.1092i	-0.7171+0.3365i	2.0952-1.2061i	-8.1226+2.4847i
52.0	0.2721-0.4318i	77.2825+3.0713i	1.3270-0.6373i	2.5499-1.3846i	9.7494-4.2530i	-0.9693+0.4339i	2.6685-1.3609i	-10.1000+4.2337i
52.1	0.1415-0.5408i	77.8735+2.5878i	1.3643-0.9175i	2.5332-1.9898i	9.2902-6.1159i	-0.9528+0.6957i	2.6250-1.9924i	-9.0927+6.3287i
52.2	0.0426-0.4063i	78.1333+2.1455i	1.2257-1.0002i	2.2099-1.9881i	8.3075-6.5681i	-0.8137+0.6658i	2.2842-1.9930i	-7.7718+6.2763i
52.3	0.1113-0.3478i	78.8064+1.3543i	1.2077-1.1170i	2.1678-2.1097i	7.6601-7.1439i	-0.8272+0.6773i	2.2380-2.1129i	-7.3429+6.4386i
52.4	0.2199-0.3518i	78.5788+1.1757i	1.0569-1.0412i	2.0787-1.8404i	7.0088-6.0812i	-0.8462+0.5990i	2.1527-1.8346i	-7.5817+5.2707i
52.5	0.3088-0.2124i	79.6239+0.9688i	1.1785-1.0452i	2.3958-2.0508i	8.0174-6.9945i	-0.9779+0.7017i	2.4956-2.0570i	-8.8547+6.8813i
52.6	0.5643-0.3934i	79.8801-0.0361i	1.1656-1.2822i	2.1364-2.4658i	6.4226-8.5814i	-0.8832+0.8494i	2.2237-2.5098i	-6.8662+8.8513i
52.7	0.4827-0.6228i	78.7888-0.0567i	0.9367-1.1590i	1.9034-1.8907i	5.1956-6.2528i	-0.7599+0.6570i	1.9690-1.9173i	-5.8870+6.4126i
52.8	0.4640-0.7777i	79.6149+1.2415i	1.1942-1.0045i	2.8427-1.7496i	7.9095-5.4061i	-1.0736+0.5499i	2.9306-1.7738i	-8.9512+5.9597i
52.9	0.2756-0.9883i	81.3678+0.4811i	1.4097-1.4368i	3.1633-2.9173i	8.5517-8.3295i	-1.2845+0.9366i	3.2534-2.9886i	-9.2994+9.6326i
53.0	0.0403-0.9065i	81.7412-0.5348i	1.1890-1.6469i	2.5445-3.2681i	6.9388-8.9283i	-1.1125+1.0918i	2.6030-3.3384i	-7.1715+10.2895i
53.1	0.0696-0.7994i	82.3215-1.3300i	1.0919-1.7146i	2.3709-3.3878i	6.3048-9.0217i	-1.0762+1.1704i	2.4244-3.4492i	-6.2036+10.6629i
53.2	0.1239-0.8165i	82.4051-1.9994i	1.0108-1.8290i	2.2656-3.6483i	6.0879-9.3349i	-1.0308+1.2749i	2.3116-3.7104i	-5.4346+10.9673i
53.3	0.1068-0.8289i	81.9463-2.7244i	0.8184-1.9463i	1.7945-3.9507i	5.1175-9.4340i	-0.8611+1.3860i	1.8166-4.0288i	-3.9903+11.0861i
53.4	0.0603-0.9902i	81.3538-2.2916i	0.6748-2.0433i	1.4396-3.9421i	4.6985-10.0205i	-0.8309+1.3225i	1.4248-3.9951i	-2.7452+10.8629i
53.5	-0.0092-0.8333i	81.3079-1.6311i	0.3977-1.8645i	1.0754-3.3960i	3.1533-8.6356i	-0.7592+1.2041i	1.0605-3.4277i	-1.6956+8.8311i
53.6	0.2044-0.7564i	82.3398-1.5817i	0.5089-1.6102i	1.6594-2.9991i	4.5185-6.9583i	-0.9306+1.1133i	1.6663-3.0256i	-3.5746+7.2793i
53.7	0.2019-0.8966i	83.1359-1.5314i	0.5899-1.6650i	1.8607-3.4825i	5.5623-7.3760i	-0.9974+1.2609i	1.8662-3.5074i	-4.5307+8.0320i
53.8	0.2612-1.1167i	84.2678-1.6286i	0.7217-1.7243i	2.0708-3.6667i	7.2014-8.1229i	-1.1445+1.2781i	2.0618-3.6956i	-5.5322+8.5694i
53.9	0.2080-1.2203i	84.9416-1.6381i	0.7847-1.7412i	2.1678-3.6764i	7.9773-8.5728i	-1.2515+1.2679i	2.1691-3.7009i	-6.3242+8.7277i
54.0	-0.0347-1.2947i	86.4377-2.7299i	0.9001-1.9868i	2.5117-4.2216i	8.9951-11.0653i	-1.5100+1.5404i	2.5179-4.2420i	-7.3578+10.9474i
54.1	-0.1224-1.1020i	86.1045-4.1459i	0.6002-2.2165i	1.8567-4.8151i	6.8822-12.8044i	-1.2648+1.8608i	1.8511-4.8257i	-5.4470+12.2129i
54.2	0.2383-1.1266i	85.7037-3.3883i	0.5330-1.9313i	1.7145-4.1821i	6.4461-11.3959i	-1.2469+1.6026i	1.7260-4.1897i	-5.9136+11.0235i
54.3	0.3267-1.5761i	87.0192-4.4433i	0.7540-2.1990i	2.2943-4.8687i	7.0154-13.8168i	-1.5924+1.9898i	2.2917-4.9031i	-5.9383+14.0108i
54.4	-0.0173-1.9961i	86.8975-6.0068i	0.5172-2.5624i	1.7657-5.8255i	4.7408-15.7907i	-1.4094+2.5462i	1.7438-5.8400i	-3.0388+15.5366i
54.5	-0.4924-2.0425i	85.9525-6.7232i	0.1956-2.6834i	1.0000-6.2156i	2.5966-15.9450i	-1.0561+2.8343i	0.9790-6.2179i	-0.9138+15.1618i
54.6	-0.8360-1.8279i	84.5410-6.1186i	-0.2387-2.4997i	-0.0917-5.9003i	0.1393-14.1004i	-0.4825+2.7764i	-0.0955-5.8847i	1.0438+12.9201i
54.7	-0.8878-1.6121i	84.9691-4.0403i	-0.2278-2.0571i	-0.1117-4.9228i	1.2915-11.3155i	-0.4254+2.3436i	-0.0957-4.9011i	-0.6364+10.6111i
54.8	-0.9544-1.7180i	86.9220-4.1172i	0.1385-2.1552i	0.7061-5.1125i	4.0614-12.8617i	-0.8024+2.4398i	0.7064-5.1036i	-2.7459+12.4631i
54.9	-1.2893-1.7936i	87.1557-6.0584i	0.0597-2.6036i	0.5893-6.2088i	2.7154-16.6296i	-0.7673+2.9990i	0.5664-6.1708i	-1.3375+15.3253i
55.0	-1.6569-1.5035i	86.3067-6.2535i	-0.3889-2.6541i	-0.5295-6.4554i	-0.9186-16.8319i	-0.2053+3.2286i	-0.5131-6.4193i	1.5921+15.2087i
55.1	-1.6662-1.2533i	86.4369-5.3474i	-0.5078-2.4785i	-0.8596-6.0820i	-1.8315-15.3557i	0.0167+3.0681i	-0.8447-6.0539i	2.1733+14.1045i
55.2	-1.6747-0.9039i	86.4655-4.9289i	-0.6426-2.3555i	-1.3405-5.8210i	-2.7536-14.2374i	0.3325+2.9581i	-1.3186-5.7931i	3.1546+13.5441i
55.3	-1.4831-0.5794i	86.5010-4.1323i	-0.7885-2.1857i	-1.7685-5.4047i	-3.6730-13.0567i	0.5848+2.7777i	-1.7491-5.3686i	4.0485+12.2180i
55.4	-1.1445-0.4014i	86.9714-3.5041i	-0.8352-1.9372i	-1.8989-4.7363i	-3.8404-11.3626i	0.7203+2.4600i	-1.8793-4.7099i	4.2591+10.6060i
55.5	-0.8684-0.6398i	88.0283-2.7610i	-0.6276-1.7934i	-1.3443-4.3830i	-2.3568-10.6570i	0.5110+2.2441i	-1.3393-4.3695i	2.9859+9.8937i
55.6	-1.1766-1.0843i	89.7861-3.5181i	-0.4745-2.1257i	-1.0527-5.3611i	-1.9315-13.0979i	0.3202+2.6126i	-1.0313-5.3337i	2.4094+11.9394i
55.7	-1.4211-0.8342i	89.8953-3.7734i	-0.7285-2.1548i	-1.7664-5.3531i	-3.7742-12.8085i	0.6312+2.6663i	-1.7388-5.3270i	3.9908+11.5863i
55.8	-1.4088-0.6466i	90.2466-3.6106i	-0.8897-2.0691i	-2.1796-5.0402i	-4.6515-11.7723i	0.8510+2.5464i	-2.1524-5.0165i	4.8007+10.6465i
55.9	-1.2126-0.5090i	90.9766-2.9823i	-0.9623-1.8757i	-2.3564-4.5031i	-4.9926-10.3018i	0.9868+2.3163i	-2.3327-4.4888i	5.0041+9.3385i
56.0	-1.0291-0.6207i	92.2060-2.2097i	-0.7323-1.6760i	-1.6946-3.9819i	-3.1978-9.0079i	0.7484+2.0397i	-1.6707-3.9566i	3.3316+8.1893i

56.1	-1.2714-0.9519i	94.4546-2.7731i	-0.4813-1.9687i	-1.0181-4.9480i	-1.4745-11.5325i	0.4365+2.3736i	-0.9934-4.9188i	1.7452+10.5450i
56.2	-1.5401-0.7331i	94.2403-3.4428i	-0.8436-2.1445i	-2.1018-5.3899i	-4.2823-12.5379i	0.8505+2.6058i	-2.0693-5.3551i	4.2888+11.4242i
56.3	-1.4702-0.5837i	94.4277-3.1345i	-1.0395-1.9908i	-2.6432-4.8862i	-5.5687-11.2257i	1.0986+2.4117i	-2.6028-4.8597i	5.4576+10.1882i
56.4	-1.2959-0.5173i	95.2741-3.0478i	-1.1089-1.8899i	-2.8315-4.5903i	-5.9139-10.4437i	1.1997+2.2707i	-2.7994-4.5687i	5.7743+9.5295i
56.5	-1.3174-0.5436i	96.4323-2.7091i	-1.0880-1.7945i	-2.7730-4.2908i	-5.8177-9.6124i	1.1741+2.1250i	-2.7468-4.2664i	5.6882+8.6967i
56.6	-1.3600-0.5234i	96.8837-2.7717i	-1.0895-1.7535i	-2.7507-4.1478i	-5.7840-9.1761i	1.1569+2.0578i	-2.7175-4.1190i	5.5961+8.2855i
56.7	-1.3205-0.5927i	97.6602-2.9588i	-1.1048-1.6853i	-2.7669-3.9313i	-5.8234-8.5677i	1.1562+1.9610i	-2.7217-3.8951i	5.5453+7.8045i
56.8	-1.3380-0.6200i	98.8631-2.8359i	-1.0932-1.6406i	-2.7338-3.8074i	-5.7609-8.1293i	1.1505+1.9155i	-2.6995-3.7850i	5.4821+7.4908i
56.9	-1.3640-0.5564i	100.0794-2.5774i	-1.0969-1.5929i	-2.6935-3.6985i	-5.6696-7.6445i	1.1500+1.8566i	-2.6639-3.6675i	5.3097+7.0579i
57.0	-1.2908-0.5752i	100.9294-2.5533i	-1.0705-1.5020i	-2.5564-3.4520i	-5.1905-6.8809i	1.1010+1.7677i	-2.5301-3.4375i	4.8675+6.4195i
57.1	-1.2624-0.7748i	102.8045-2.3955i	-0.9149-1.4419i	-2.1285-3.2431i	-3.8286-6.1771i	0.9716+1.6697i	-2.1143-3.2387i	3.9831+5.9887i
57.2	-1.6197-1.0897i	104.9926-2.9763i	-0.6640-1.6482i	-1.4216-3.8078i	-1.7496-7.8349i	0.6673+1.8386i	-1.4113-3.7894i	2.4666+7.0643i
57.3	-2.0948-0.9527i	105.6379-4.0252i	-0.8391-1.9696i	-1.8269-4.6770i	-3.0023-10.1980i	0.7682+2.2046i	-1.7985-4.6392i	3.2483+8.6840i
57.4	-2.2579-0.5873i	106.0662-4.0814i	-1.1213-1.9496i	-2.5221-4.6730i	-5.0122-9.8698i	1.0358+2.2563i	-2.4820-4.6326i	4.5899+8.4954i
57.5	-2.1534-0.3348i	106.6057-4.2258i	-1.2683-1.8502i	-2.8595-4.4792i	-5.5891-9.1338i	1.1973+2.1948i	-2.8232-4.4482i	5.0636+8.0243i
57.6	-2.0342-0.1750i	107.5325-4.2746i	-1.2951-1.7264i	-2.9398-4.2523i	-5.5985-8.4943i	1.2397+2.0821i	-2.9057-4.2144i	5.0125+7.5456i
57.7	-2.0854-0.0678i	109.4792-4.1226i	-1.2764-1.6266i	-2.9582-4.0342i	-5.6400-7.9089i	1.2764+1.9950i	-2.9166-4.0000i	5.0071+7.1368i
57.8	-2.1073-0.0185i	110.9921-4.1605i	-1.2943-1.6083i	-3.0082-3.9993i	-5.6996-7.6966i	1.3075+1.9809i	-2.9590-3.9664i	5.0043+7.0073i
57.9	-2.0729+0.0189i	111.8731-4.1333i	-1.3084-1.6023i	-3.0174-3.9925i	-5.5637-7.4818i	1.3195+1.9659i	-2.9673-3.9615i	4.9316+6.8666i
58.0	-2.0729+0.0880i	113.2352-4.1619i	-1.2946-1.5482i	-3.0412-3.9345i	-5.5668-7.2762i	1.3359+1.9529i	-2.9984-3.9042i	4.9181+6.7558i
58.1	-2.0440+0.1892i	114.6594-4.2645i	-1.2969-1.5288i	-3.0740-3.9197i	-5.5430-7.1659i	1.3502+1.9492i	-3.0417-3.8935i	4.9448+6.6992i
58.2	-2.0251+0.4160i	116.0319-4.9511i	-1.3183-1.5125i	-3.1611-3.8752i	-5.4578-6.9517i	1.3800+1.9047i	-3.1201-3.8582i	4.8998+6.4712i
58.3	-1.9425+0.5214i	117.6579-5.1629i	-1.3046-1.4593i	-3.1910-3.7867i	-5.3832-6.6533i	1.3915+1.8572i	-3.1437-3.7598i	4.7249+6.2600i
58.4	-1.7887+0.5046i	119.4468-5.3622i	-1.2773-1.4688i	-3.0637-3.7878i	-4.9352-6.6149i	1.3358+1.8703i	-3.0219-3.7750i	4.2021+6.2564i
58.5	-1.9809+0.2875i	120.9613-5.8466i	-1.2421-1.4827i	-2.9876-3.8698i	-4.6524-6.9490i	1.3134+1.8973i	-2.9384-3.8587i	3.9988+6.6793i
58.6	-2.2035+0.3912i	121.9496-6.5282i	-1.2505-1.5664i	-3.0764-4.1049i	-4.8642-7.4385i	1.3403+2.0001i	-3.0266-4.0902i	4.3781+7.1200i
58.7	-2.2447+0.6216i	123.8866-7.5905i	-1.3082-1.5761i	-3.2566-4.1152i	-5.2977-7.2395i	1.4214+1.9934i	-3.2137-4.0891i	4.8291+6.9202i
58.8	-2.0735+0.7358i	125.4913-7.4234i	-1.3728-1.5665i	-3.4740-4.1164i	-5.5701-7.2033i	1.5269+2.0012i	-3.4325-4.0977i	5.0203+6.8757i
58.9	-2.0273+0.7513i	127.0740-7.7798i	-1.4006-1.5354i	-3.5873-4.0159i	-5.6406-6.9362i	1.5689+1.9451i	-3.5483-4.0040i	5.1771+6.6159i
59.0	-1.7826+0.9887i	129.0698-8.2085i	-1.4442-1.5850i	-3.7296-4.1267i	-5.6368-6.9559i	1.6176+1.9814i	-3.6722-4.1115i	5.1567+6.6015i
59.1	-1.8785+1.1149i	131.3504-8.8120i	-1.4380-1.5855i	-3.7199-4.0957i	-5.5801-6.7878i	1.6087+1.9580i	-3.6653-4.0767i	5.0920+6.4405i
59.2	-1.9478+1.2439i	133.0831-10.2111i	-1.4732-1.6019i	-3.7812-4.1314i	-5.6076-6.7475i	1.6447+1.9470i	-3.7373-4.0910i	5.0856+6.3299i
59.3	-1.8273+1.3052i	135.1217-10.8853i	-1.4953-1.5895i	-3.8808-4.1353i	-5.6854-6.6989i	1.6903+1.9641i	-3.8372-4.1063i	5.1057+6.3308i
59.4	-1.7013+1.4002i	137.4501-11.4872i	-1.5357-1.6217i	-4.0000-4.1742i	-5.7162-6.7215i	1.7349+1.9822i	-3.9434-4.1479i	5.0976+6.3585i
59.5	-1.5537+1.4152i	139.6227-12.4130i	-1.5887-1.6352i	-4.1471-4.2081i	-5.7878-6.7578i	1.7910+1.9945i	-4.0951-4.1775i	5.0749+6.3775i
59.6	-1.4581+1.4448i	141.4171-13.4723i	-1.6558-1.6337i	-4.3376-4.1968i	-5.9245-6.7405i	1.8612+1.9945i	-4.2845-4.1807i	5.1127+6.3825i
59.7	-1.4947+1.5574i	143.9625-14.5206i	-1.6763-1.6660i	-4.4289-4.2643i	-5.9039-6.7410i	1.8788+2.0046i	-4.3715-4.2422i	5.1465+6.3581i
59.8	-1.4487+1.5317i	146.4213-14.9911i	-1.7163-1.6367i	-4.5615-4.2339i	-6.0715-6.7670i	1.9289+1.9847i	-4.4911-4.1965i	5.2392+6.3250i
59.9	-1.4790+1.6019i	147.7465-15.9204i	-1.7419-1.6210i	-4.6249-4.2039i	-6.0932-6.7906i	1.9427+1.9845i	-4.5462-4.2021i	5.1833+6.2702i
60.0	-1.2915+1.7068i	149.5781-17.3144i	-1.7714-1.6370i	-4.7313-4.2511i	-6.1364-6.8011i	1.9870+2.0041i	-4.7017-4.2475i	5.2215+6.2455i
60.1	-1.1826+1.7524i	153.2874-19.2369i	-1.8722-1.6536i	-4.9784-4.2641i	-6.3354-6.7017i	2.0700+2.0075i	-4.9273-4.2372i	5.3603+6.2690i
60.2	-1.1180+1.8352i	155.8242-20.7275i	-1.9564-1.6585i	-5.1553-4.2755i	-6.4230-6.6797i	2.1221+2.0114i	-5.0767-4.2489i	5.3848+6.3004i
60.3	-1.0241+1.9997i	157.3853-22.2403i	-2.0089-1.6840i	-5.3334-4.3257i	-6.4547-6.7015i	2.1748+2.0509i	-5.2544-4.2926i	5.3813+6.2771i
60.4	-0.9428+2.1058i	160.3737-24.1419i	-2.0627-1.6855i	-5.4870-4.3288i	-6.5628-6.6635i	2.2331+2.0585i	-5.4074-4.3025i	5.4330+6.2735i
60.5	-0.7708+2.1251i	162.9073-25.6969i	-2.1070-1.6179i	-5.6310-4.1663i	-6.6289-6.4927i	2.3034+1.9954i	-5.5516-4.1454i	5.5502+6.2150i
60.6	-0.5216+2.1452i	165.4493-27.1091i	-2.1686-1.5823i	-5.8240-4.1166i	-6.7169-6.4485i	2.3740+1.9953i	-5.7226-4.0904i	5.5721+6.2794i
60.7	-0.2746+2.0726i	168.5477-28.6270i	-2.2365-1.5700i	-6.0152-4.1188i	-6.8541-6.4752i	2.4438+1.9974i	-5.9263-4.0926i	5.6155+6.3190i
60.8	-0.1619+1.9925i	171.3433-30.5148i	-2.3128-1.5355i	-6.2871-4.0498i	-7.0735-6.4233i	2.5688+1.9683i	-6.2063-4.0388i	5.7640+6.3930i
60.9	-0.0561+1.9740i	174.4410-33.4914i	-2.3596-1.5399i	-6.4860-4.0410i	-7.1324-6.4047i	2.6320+1.9723i	-6.3857-4.0251i	5.8205+6.4146i
61.0	0.0735+1.9365i	176.6572-35.1281i	-2.3885-1.5412i	-6.6025-4.0405i	-7.1615-6.4191i	2.6524+1.9800i	-6.5019-4.0108i	5.8080+6.4370i
61.1	0.3208+1.8347i	180.0998-37.7355i	-2.4626-1.5245i	-6.7976-4.0004i	-7.3075-6.3468i	2.7409+1.9846i	-6.6895-3.9752i	5.9809+6.5276i
61.2	0.4855+1.8031i	183.5249-40.6944i	-2.5501-1.4922i	-7.0310-3.9742i	-7.5192-6.2889i	2.8378+1.9704i	-6.9183-3.9505i	6.1622+6.4891i
61.3	0.5790+1.6509i	186.3510-43.5675i	-2.6093-1.4678i	-7.2800-3.8544i	-7.6634-6.2751i	2.9272+1.9314i	-7.1575-3.8415i	6.2617+6.4512i
61.4	0.6577+1.4709i	189.1223-46.0148i	-2.6818-1.4683i	-7.5082-3.7630i	-7.7656-6.2699i	3.0031+1.9221i	-7.3929-3.7552i	6.2586+6.4514i
61.5	0.8072+1.3417i	192.9224-50.7073i	-2.7893-1.3894i	-7.8474-3.5779i	-8.0742-6.0716i	3.1412+1.8606i	-7.7289-3.5721i	6.4850+6.4621i
61.6	1.0235+1.2078i	197.7158-54.0663i	-2.9095-1.3492i	-8.2703-3.5026i	-8.3765-5.9959i	3.3221+1.8389i	-8.1304-3.4914i	6.7444+6.5531i
61.7	0.9341+1.0471i	201.1747-56.5483i	-2.9922-1.3606i	-8.4685-3.4737i	-8.4254-6.1111i	3.3837+1.8378i	-8.3375-3.4688i	6.7651+6.6510i
61.8	0.8912+0.8421i	203.9418-62.1790i	-3.0923-1.2953i	-8.7645-3.2763i	-8.6319-5.9576i	3.5107+1.7829i	-8.6437-3.2848i	6.9051+6.6438i
61.9	0.8272+0.6252i	206.1211-68.0754i	-3.1444-1.2399i	-9.0465-3.0870i	-8.6117-5.7249i	3.6015+1.6722i	-8.9236-3.0913i	7.0591+6.4701i
62.0	0.7808+0.5187i	208.7377-72.8203i	-3.2036-1.1735i	-9.2953-2.8729i	-8.7192-5.6285i	3.6795+1.6093i	-9.1476-2.8731i	7.1168+6.5033i
62.1	0.8903+0.4007i	211.0308-77.5647i	-3.3017-1.0823i	-9.5591-2.5858i	-8.9119-5.4418i	3.8111+1.5242i	-9.4213-2.5977i	7.3226+6.5060i
62.2	0.8496+0.2184i	213.9580-82.4892i	-3.4023-1.0124i	-9.8698-2.3659i	-9.0314-5.4057i	3.9404+1.4636i	-9.7409-2.3884i	7.4797+6.5149i
62.3	0.7250+0.1478i	216.7791-88.3919i	-3.4753-0.9382i	-10.1204-2.1207i	-9.1588-5.3545i	4.0222+1.3904i	-9.9734-2.1521i	7.5889+6.5854i

62.4	0.6898+0.0126i	219.0739-95.6218i	-3.5418-0.8364i	-10.4047-1.7912i	-9.1744-5.1103i	4.1275+1.2646i	-10.2579-1.8280i	7.7462+6.5039i
62.5	0.6605-0.1221i	221.2584-101.8031i	-3.6127-0.7157i	-10.6955-1.3940i	-9.3927-4.9323i	4.2608+1.1188i	-10.5449-1.4407i	7.9985+6.4687i
62.6	0.5532-0.2165i	222.2118-106.3226i	-3.6522-0.6516i	-10.8112-1.1599i	-9.3777-4.9702i	4.2887+1.0193i	-10.6645-1.2044i	8.1105+6.4674i
62.7	0.4076-0.3051i	224.8801-113.6499i	-3.7113-0.5236i	-11.0365-0.7472i	-9.5740-4.8476i	4.4055+0.8832i	-10.8943-0.8107i	8.3843+6.4557i
62.8	0.2492-0.4446i	226.1955-123.6184i	-3.7929-0.3950i	-11.3210-0.2235i	-9.7556-4.7111i	4.4893+0.6855i	-11.1780-0.2865i	8.7384+6.4351i
62.9	0.1694-0.5571i	227.6195-130.8688i	-3.8497-0.2949i	-11.5423+0.1095i	-9.8840-4.6068i	4.5993+0.5695i	-11.4023+0.0391i	8.8935+6.3844i
63.0	0.0090-0.6545i	230.5459-138.4495i	-3.9148-0.1847i	-11.8194+0.5000i	-10.0925-4.5983i	4.6931+0.4111i	-11.6698+0.4199i	9.1125+6.3475i
63.1	-0.1240-0.6529i	230.7866-148.5312i	-3.9332-0.0711i	-11.9719+0.9762i	-10.1921-4.4744i	4.7318+0.2327i	-11.8235+0.8840i	9.3630+6.2865i
63.2	-0.3001-0.6335i	229.5298-158.2775i	-3.9570+0.0498i	-12.1113+1.5232i	-10.3545-4.3250i	4.7755+0.0264i	-11.9549+1.4253i	9.6796+6.2041i
63.3	-0.3651-0.6170i	228.3047-166.1992i	-3.9832+0.1569i	-12.1405+1.9558i	-10.5401-4.1501i	4.7853-0.1402i	-11.9844+1.8553i	9.8911+6.0982i
63.4	-0.4985-0.6098i	228.7385-173.7512i	-4.0241+0.2356i	-12.2667+2.3538i	-10.7004-4.1673i	4.8043-0.2906i	-12.1248+2.2418i	10.1128+6.0538i
63.5	-0.7028-0.5130i	225.4544-186.4634i	-4.0518+0.3827i	-12.3374+3.0797i	-10.9433-3.9666i	4.7698-0.5646i	-12.2064+2.9512i	10.4743+5.8591i
63.6	-0.8515-0.4169i	224.1907-196.0829i	-4.0770+0.4971i	-12.4240+3.6746i	-11.2478-3.8778i	4.7545-0.7667i	-12.2934+3.5437i	10.7815+5.7791i
63.7	-1.0308-0.2785i	219.4779-207.9155i	-4.0968+0.6308i	-12.3947+4.2523i	-11.4803-3.6010i	4.6989-0.9807i	-12.2623+4.1097i	11.2178+5.5504i
63.8	-1.1567-0.0553i	212.7664-216.5989i	-4.1102+0.7570i	-12.1845+4.7643i	-11.6750-3.3939i	4.5396-1.1109i	-12.0739+4.6153i	11.4492+5.2355i
63.9	-1.1595+0.1009i	208.1053-225.0425i	-4.1272+0.8807i	-12.0664+5.3540i	-11.8854-3.2239i	4.4431-1.2517i	-11.9628+5.2038i	11.7133+4.9966i
64.0	-1.0943+0.2755i	203.1035-232.0736i	-4.1551+0.9825i	-11.8488+5.8067i	-12.1641-3.0268i	4.3330-1.3240i	-11.7430+5.6684i	11.9960+4.5759i
64.1	-1.0331+0.3795i	196.4550-242.6777i	-4.1860+1.1569i	-11.8107+6.3886i	-12.4427-2.5820i	4.2677-1.4437i	-11.7108+6.2336i	12.2772+4.1896i
64.2	-0.9416+0.4060i	190.9135-255.4774i	-4.2341+1.3682i	-11.7717+7.1535i	-12.8064-2.1654i	4.2203-1.5871i	-11.6807+6.9882i	12.6452+3.9346i
64.3	-0.8134+0.4825i	179.9002-259.6938i	-4.1708+1.4841i	-11.3171+7.5593i	-12.7960-1.9087i	4.0615-1.6156i	-11.2432+7.4089i	12.7726+3.4459i
64.4	-0.7123+0.4694i	167.7404-266.3471i	-4.1293+1.6778i	-10.9320+8.1686i	-12.8509-1.4102i	3.9651-1.7332i	-10.8776+8.0149i	13.0128+2.9493i
64.5	-0.6890+0.4406i	162.4712-271.7927i	-4.1624+1.8253i	-10.8327+8.5262i	-13.1099-1.0971i	3.9554-1.7917i	-10.7716+8.3731i	13.0359+2.5432i
64.6	-0.6928+0.4736i	149.8000-278.0117i	-4.0939+2.0567i	-10.3775+9.1679i	-13.1932-0.5881i	3.8255-1.8234i	-10.3269+9.0145i	13.0808+2.0004i
64.7	-0.6167+0.4875i	141.3761-282.1023i	-4.0551+2.2243i	-9.9626+9.6859i	-13.4592-0.1873i	3.7705-1.8587i	-9.9035+9.5417i	13.2227+1.5009i
64.8	-0.5880+0.4904i	133.3033-283.4135i	-3.9892+2.3468i	-9.6795+9.9804i	-13.4335+0.1976i	3.7156-1.8916i	-9.6192+9.8532i	13.1187+1.1205i
64.9	-0.4839+0.4990i	119.7975-288.1319i	-3.9060+2.5736i	-9.2987+10.4842i	-13.3965+0.8779i	3.7026-1.9484i	-9.2517+10.3595i	13.0613+0.4346i
65.0	-0.4325+0.4542i	107.0191-295.3568i	-3.8010+2.8500i	-8.9937+11.2374i	-13.4040+1.6337i	3.6969-2.1076i	-8.9556+11.1002i	12.9753-0.0343i
65.1	-0.4486+0.4493i	97.3084-296.3564i	-3.7006+3.0117i	-8.6162+11.7032i	-13.2423+1.9994i	3.6482-2.1447i	-8.5970+11.5606i	12.6296-0.3562i
65.2	-0.3973+0.3798i	88.7920-294.9066i	-3.5594+3.1556i	-8.0975+12.1340i	-13.0273+2.2947i	3.5824-2.2153i	-8.0603+11.9985i	12.4167-0.7249i
65.3	-0.2877+0.3268i	78.9870-296.4823i	-3.4072+3.3650i	-7.6928+12.8364i	-12.9222+2.7907i	3.5520-2.3412i	-7.6522+12.6855i	12.1309-1.0020i
65.4	-0.2708+0.2263i	64.5493-294.0881i	-3.1215+3.5542i	-6.8146+13.3662i	-12.5052+3.2894i	3.4742-2.4424i	-6.7433+13.2202i	11.6850-1.2131i
65.5	-0.2574+0.1130i	54.4044-293.0295i	-2.9330+3.7042i	-6.1790+13.8796i	-12.3153+3.6725i	3.4236-2.5481i	-6.1064+13.7369i	11.4249-1.4923i
65.6	-0.2838+0.0320i	45.6374-292.2057i	-2.7164+3.8377i	-5.4261+14.4351i	-12.0840+4.0701i	3.3634-2.6477i	-5.3643+14.2722i	11.2061-1.5991i
65.7	-0.2892-0.0752i	37.7502-290.8933i	-2.4818+3.9247i	-4.4365+14.8461i	-11.8963+4.3779i	3.2958-2.7587i	-4.3818+14.6727i	11.0396-1.6548i
65.8	-0.3538-0.2066i	31.1741-286.4935i	-2.2510+3.9378i	-3.4249+15.1344i	-11.6932+4.5008i	3.2003-2.8618i	-3.3727+14.9732i	10.8599-1.6005i
65.9	-0.4643-0.3216i	23.7560-284.6758i	-2.0315+4.0144i	-2.4527+15.4263i	-11.5372+4.7490i	3.0925-2.9813i	-2.3979+15.2587i	10.7586-1.6100i
66.0	-0.5493-0.4972i	14.2190-283.2868i	-1.7109+4.1126i	-1.0067+15.7188i	-11.4437+5.2564i	2.9631-3.1268i	-0.9515+15.5091i	10.7938-1.5579i
66.1	-0.6780-0.5339i	5.3670-278.5074i	-1.4515+4.0447i	0.0624+15.5328i	-11.0533+5.3893i	2.7807-3.1856i	0.0970+15.3148i	10.6724-1.6748i
66.2	-0.8636-0.5937i	-0.8088-275.3295i	-1.2170+3.9793i	1.1843+15.2354i	-10.8233+5.7391i	2.6161-3.2349i	1.2012+15.0172i	10.7139-1.8264i
66.3	-1.0633-0.6315i	-4.3472-271.2427i	-1.0218+3.8994i	2.2849+14.7027i	-10.7010+6.0303i	2.5020-3.2300i	2.2765+14.4800i	10.8370-1.9027i
66.4	-1.1864-0.6024i	-10.1586-265.1981i	-0.8319+3.7695i	3.1887+14.1726i	-10.4002+6.1904i	2.3725-3.2219i	3.1753+13.9511i	10.8275-2.1023i
66.5	-1.3892-0.5615i	-13.6699-260.4268i	-0.6821+3.6295i	4.0448+13.4176i	-10.1120+6.4383i	2.2545-3.2098i	4.0362+13.1918i	10.8801-2.3187i
66.6	-1.6008-0.4872i	-20.1186-257.5031i	-0.4982+3.5029i	5.0864+12.5303i	-9.7737+6.8206i	2.0890-3.2286i	5.0622+12.3055i	10.9541-2.6717i
66.7	-1.8252-0.4139i	-27.5037-257.0591i	-0.3097+3.4175i	6.0602+11.8972i	-9.4658+7.2883i	1.9665-3.2509i	6.0125+11.6681i	11.0017-2.9092i
66.8	-2.0347-0.3129i	-31.5960-251.7327i	-0.2045+3.2722i	6.5093+11.0909i	-9.0716+7.4371i	1.8688-3.2351i	6.4573+10.8753i	10.8959-3.0530i
66.9	-2.2488-0.2185i	-34.7662-246.9071i	-0.1450+3.1321i	6.8460+10.2268i	-8.7219+7.4682i	1.7882-3.1945i	6.7922+10.0285i	10.7277-3.2455i
67.0	-2.3906-0.1004i	-38.6742-245.5411i	-0.0938+3.0335i	7.1959+9.4635i	-8.4599+7.6648i	1.6787-3.2315i	7.1258+9.2566i	10.5300-3.6533i
67.1	-2.5642+0.1953i	-42.9494-239.7414i	-0.0276+2.8505i	7.5274+8.3547i	-7.9878+7.7831i	1.5617-3.1705i	7.4436+8.1489i	10.4409-3.8599i
67.2	-2.6973+0.4524i	-45.3890-234.2532i	-0.0138+2.6984i	7.6154+7.4424i	-7.6164+7.7786i	1.4794-3.0751i	7.5284+7.2527i	10.2579-3.8728i
67.3	-2.7527+0.7137i	-49.0266-231.6803i	-0.0292+2.5886i	7.5025+6.6184i	-7.2459+7.8417i	1.4212-3.0325i	7.4046+6.4180i	10.0132-3.9789i
67.4	-2.7908+1.0931i	-51.6587-229.2750i	-0.0292+2.5086i	7.4979+5.9285i	-6.9872+7.9183i	1.3603-3.0149i	7.3908+5.7431i	10.0274-4.2192i
67.5	-2.7390+1.3608i	-52.9969-225.3066i	-0.0798+2.4211i	7.4509+5.2786i	-6.7342+7.9135i	1.3238-2.9439i	7.3486+5.0781i	10.0866-4.2304i
67.6	-2.6436+1.5819i	-57.1726-219.9700i	-0.1137+2.3137i	7.2397+4.4564i	-6.2182+7.8801i	1.2388-2.9045i	7.1118+4.2690i	9.8545-4.3556i
67.7	-2.5385+1.7910i	-59.1910-219.0090i	-0.1304+2.3219i	7.0028+3.9772i	-5.9370+7.9385i	1.2279-2.9428i	6.8660+3.8036i	9.8526-4.5698i
67.8	-2.3916+2.0762i	-62.4847-216.5201i	-0.1328+2.3095i	6.7998+3.4934i	-5.6767+7.9296i	1.1685-2.9152i	6.6667+3.3123i	9.7526-4.7259i
67.9	-2.2772+2.1928i	-66.0754-213.0983i	-0.1172+2.2699i	6.6369+2.9540i	-5.4119+7.8211i	1.1089-2.8778i	6.4940+2.7987i	9.6585-4.9317i
68.0	-2.0934+2.3037i	-68.0249-208.4077i	-0.1168+2.2579i	6.3780+2.4910i	-5.2073+7.7120i	1.0700-2.8397i	6.2283+2.3480i	9.5919-5.0561i
68.1	-1.9343+2.4539i	-70.7530-205.8385i	-0.1201+2.2625i	6.1645+2.1444i	-5.0481+7.7177i	1.0475-2.8350i	6.0053+1.9910i	9.5937-5.2805i
68.2	-1.7882+2.5776i	-74.4451-201.4777i	-0.0802+2.2048i	5.9579+1.8150i	-4.8365+7.6260i	0.9466-2.7708i	5.8011+1.6517i	9.3507-5.3881i
68.3	-1.6495+2.6475i	-76.4766-199.2153i	-0.0860+2.2144i	5.7387+1.4151i	-4.7014+7.5853i	0.9000-2.7365i	5.5856+1.2708i	9.2674-5.6190i
68.4	-1.4830+2.7855i	-78.5195-198.0925i	-0.0718+2.2370i	5.5917+1.0126i	-4.6495+7.7191i	0.8876-2.7481i	5.4265+0.8854i	9.3363-5.9919i
68.5	-1.2373+2.8513i	-81.1169-194.9162i	-0.0345+2.2560i	5.1738+0.7466i	-4.3769+7.8991i	0.8622-2.7633i	5.0038+0.6208i	9.0309-6.3260i
68.6	-0.9995+2.8039i	-84.4652-192.0464i	0.0247+2.2314i	4.8828+0.5247i	-4.0642+7.9193i	0.8025-2.7428i	4.7193+0.4082i	8.7310-6.5833i

68.7	-0.7616+2.7963i	-87.2978-189.6797i	0.0725+2.2133i	4.6285+0.2630i	-3.8557+7.9414i	0.7466-2.7274i	4.4602+0.1620i	8.4573-6.8467i
68.8	-0.6206+2.7886i	-88.5074-185.3717i	0.0676+2.1784i	4.3209-0.0375i	-3.6643+7.9274i	0.7232-2.6997i	4.1564-0.1233i	8.2370-7.0093i
68.9	-0.5006+2.7353i	-90.3957-181.6568i	0.1028+2.1264i	4.0357-0.1949i	-3.4537+7.8696i	0.6873-2.6377i	3.8859-0.2748i	7.9543-7.0561i
69.0	-0.3542+2.6828i	-92.3366-179.4596i	0.1422+2.1253i	3.7598-0.3174i	-3.2235+7.8930i	0.6384-2.6562i	3.6027-0.3856i	7.7246-7.3391i
69.1	-0.2310+2.5913i	-94.8764-174.5976i	0.1803+2.0667i	3.5161-0.5196i	-2.9250+7.8273i	0.6113-2.6103i	3.3401-0.5732i	7.4100-7.4798i
69.2	-0.1281+2.5141i	-97.1070-170.6592i	0.2156+2.0422i	3.2362-0.6704i	-2.6272+7.8121i	0.5882-2.5895i	3.0674-0.7270i	7.0569-7.5961i
69.3	-0.0624+2.4825i	-99.2149-167.9127i	0.2700+2.0282i	3.0029-0.8450i	-2.3170+7.9330i	0.5302-2.6099i	2.8419-0.8968i	6.7541-7.8521i
69.4	0.0209+2.4386i	-101.7153-164.7777i	0.3209+1.9792i	2.8381-1.0170i	-1.9923+7.9370i	0.4743-2.5881i	2.6658-1.0529i	6.3692-7.9504i
69.5	0.1664+2.3667i	-104.1871-160.1382i	0.3687+1.9244i	2.4601-1.1654i	-1.5422+7.7942i	0.4009-2.5555i	2.3090-1.1886i	5.8080-7.9629i
69.6	0.1682+2.2013i	-105.3254-156.1221i	0.3848+1.8497i	2.2165-1.1869i	-1.2950+7.5116i	0.3601-2.4834i	2.0709-1.2236i	5.4935-7.7295i
69.7	0.1593+2.0726i	-105.4985-152.4263i	0.3549+1.7985i	1.8659-1.2159i	-1.1299+7.2789i	0.3770-2.4447i	1.7176-1.2585i	5.3214-7.5854i
69.8	0.1353+2.0673i	-107.0937-149.3083i	0.3742+1.7552i	1.5898-1.3403i	-0.9618+7.2100i	0.3537-2.4013i	1.4426-1.3680i	5.0281-7.6019i
69.9	0.1485+2.0670i	-109.0604-144.6953i	0.3922+1.6937i	1.3364-1.3897i	-0.6910+7.0762i	0.3102-2.3638i	1.1936-1.4144i	4.6983-7.5864i
70.0	0.1694+2.0495i	-110.0777-141.4070i	0.3799+1.6635i	1.0574-1.4056i	-0.4981+6.9324i	0.2707-2.3317i	0.9256-1.4263i	4.3775-7.5419i
70.1	0.2227+2.0765i	-110.5314-138.2249i	0.3441+1.6267i	0.7721-1.4239i	-0.3915+6.8223i	0.2688-2.3217i	0.6495-1.4396i	4.1193-7.4464i
70.2	0.2379+2.0618i	-111.1656-133.8204i	0.3541+1.5779i	0.5596-1.4217i	-0.1755+6.6420i	0.2179-2.3057i	0.4330-1.4341i	3.8453-7.3823i
70.3	0.2542+2.0459i	-112.3938-129.2230i	0.3353+1.5365i	0.2183-1.3673i	0.0290+6.4423i	0.2053-2.2605i	0.0759-1.3743i	3.5635-7.2020i
70.4	0.2857+2.0552i	-112.9359-126.1151i	0.3113+1.5168i	-0.0324-1.3700i	0.1488+6.3086i	0.2246-2.2238i	-0.1737-1.3918i	3.4446-7.0858i
70.5	0.3670+2.0373i	-112.9766-121.6712i	0.2679+1.4905i	-0.4198-1.3558i	0.2938+6.0738i	0.2364-2.1737i	-0.5409-1.3715i	3.2204-6.8962i
70.6	0.3776+2.0031i	-112.3622-118.2827i	0.2348+1.4668i	-0.6245-1.2305i	0.3778+5.8960i	0.2233-2.1244i	-0.7421-1.2375i	3.0938-6.6559i
70.7	0.4057+1.9858i	-113.3099-114.2251i	0.2113+1.4462i	-0.8702-1.1688i	0.4976+5.7544i	0.2156-2.0777i	-0.9873-1.1741i	2.8538-6.4760i
70.8	0.4171+1.9455i	-111.5096-110.0479i	0.1929+1.4485i	-0.9712-1.0146i	0.5567+5.4607i	0.2447-2.0363i	-1.1054-1.0086i	2.9083-6.2410i
70.9	0.4810+1.9200i	-112.1919-107.1119i	0.1764+1.4636i	-1.2587-0.8593i	0.6778+5.3350i	0.2065-2.0203i	-1.3669-0.8569i	2.6696-6.0915i
71.0	0.5298+1.9166i	-111.9716-103.9433i	0.1566+1.4758i	-1.5217-0.7004i	0.7371+5.2229i	0.2387-1.9972i	-1.6221-0.7154i	2.6145-5.8706i
71.1	0.5165+1.8562i	-110.0286-99.9846i	0.1153+1.4892i	-1.6839-0.5241i	0.7346+5.0243i	0.2795-1.9597i	-1.7844-0.5335i	2.6516-5.6273i
71.2	0.5747+1.8298i	-110.4798-97.4939i	0.1231+1.5217i	-1.8775-0.3167i	0.7760+4.9301i	0.2795-1.9709i	-1.9759-0.3401i	2.5200-5.5263i
71.3	0.5895+1.8266i	-109.9386-94.3353i	0.1115+1.5398i	-2.1190-0.1319i	0.8202+4.8045i	0.3177-1.9550i	-2.2159-0.1593i	2.5622-5.3515i
71.4	0.6283+1.8093i	-108.7852-91.3435i	0.1118+1.5749i	-2.2695+0.1372i	0.8833+4.6938i	0.3252-1.9697i	-2.3647+0.1085i	2.5180-5.2449i
71.5	0.6784+1.8043i	-107.6264-88.3434i	0.0968+1.6172i	-2.4655+0.3982i	0.9225+4.6201i	0.3669-1.9765i	-2.5589+0.3670i	2.5104-5.1039i
71.6	0.7026+1.7707i	-107.2295-85.5824i	0.1188+1.6035i	-2.6487+0.5348i	0.9830+4.4765i	0.4039-1.9493i	-2.7463+0.5029i	2.5459-4.9075i
71.7	0.7263+1.7048i	-106.5568-82.9540i	0.1589+1.6319i	-2.6451+0.8126i	1.0796+4.3672i	0.3789-1.9610i	-2.7561+0.7778i	2.5084-4.8246i
71.8	0.7358+1.6982i	-104.7935-81.0619i	0.1865+1.6464i	-2.5772+1.0101i	1.1352+4.3124i	0.3893-1.9732i	-2.6922+0.9744i	2.5629-4.7400i
71.9	0.7308+1.6688i	-102.8915-77.2456i	0.2010+1.6395i	-2.6022+1.3698i	1.2047+4.0730i	0.3927-1.9568i	-2.7121+1.3229i	2.5860-4.5560i
72.0	0.7438+1.6289i	-101.9440-75.2998i	0.1981+1.6492i	-2.7350+1.5981i	1.2091+3.9010i	0.4307-1.9922i	-2.8535+1.5621i	2.7004-4.5440i
72.1	0.7253+1.6048i	-100.6033-73.2562i	0.2000+1.6432i	-2.7521+1.7277i	1.2087+3.8156i	0.4740-1.9446i	-2.8809+1.6939i	2.8171-4.3245i
72.2	0.7444+1.5685i	-100.1697-70.1733i	0.2580+1.6612i	-2.5989+1.9747i	1.3350+3.8110i	0.4567-1.9229i	-2.7358+1.9249i	2.7439-4.0725i
72.3	0.7994+1.5401i	-99.2728-68.0555i	0.3395+1.6855i	-2.3780+2.2070i	1.4105+3.6746i	0.3879-1.9587i	-2.5172+2.1478i	2.6414-4.0848i
72.4	0.8075+1.5431i	-97.1272-66.4121i	0.3305+1.6954i	-2.3244+2.4086i	1.4375+3.4916i	0.4359-2.0286i	-2.4729+2.3690i	2.9284-4.1469i
72.5	0.8048+1.5258i	-95.4366-64.5724i	0.3486+1.6790i	-2.2222+2.4882i	1.4787+3.3379i	0.4699-2.0304i	-2.3819+2.4594i	3.1387-4.1106i
72.6	0.7848+1.5323i	-94.7311-63.2680i	0.3611+1.6956i	-2.2150+2.6093i	1.4396+3.2854i	0.4910-2.0358i	-2.3678+2.5793i	3.1532-4.0012i
72.7	0.8383+1.5331i	-93.9023-62.0945i	0.4199+1.7041i	-2.1212+2.7216i	1.5322+3.2414i	0.4914-2.0386i	-2.2777+2.6893i	3.1927-3.9209i
72.8	0.8954+1.5032i	-93.1124-60.5523i	0.4762+1.7070i	-2.0339+2.8590i	1.5921+3.1620i	0.4338-2.0729i	-2.1923+2.8328i	3.1200-3.9758i
72.9	0.9280+1.4807i	-91.5626-58.3191i	0.5183+1.6920i	-1.9532+2.9577i	1.7083+3.0658i	0.4866-2.0590i	-2.1438+2.9272i	3.3771-3.8778i
73.0	0.9537+1.4642i	-90.4411-56.7915i	0.5571+1.6759i	-1.8878+3.0330i	1.8023+2.8835i	0.5186-2.1045i	-2.0911+3.0125i	3.5146-4.0048i
73.1	0.9995+1.4341i	-88.7054-55.1157i	0.6270+1.6584i	-1.6735+3.1935i	1.8997+2.7167i	0.4754-2.1567i	-1.8836+3.1732i	3.6504-4.0763i
73.2	0.9997+1.4373i	-87.9727-53.8055i	0.6310+1.6416i	-1.6559+3.1880i	1.9313+2.6873i	0.5335-2.1351i	-1.8654+3.1640i	3.8400-3.9489i
73.3	1.0281+1.3913i	-86.6165-51.6902i	0.6588+1.6000i	-1.5804+3.2034i	2.0465+2.5349i	0.5856-2.1553i	-1.8076+3.2004i	4.0837-4.0244i
73.4	1.0138+1.3558i	-85.5712-50.7361i	0.6875+1.5967i	-1.5464+3.2229i	2.0344+2.4689i	0.6038-2.1558i	-1.7768+3.2260i	4.1406-4.0069i
73.5	1.0385+1.3087i	-84.5693-49.5927i	0.7469+1.5410i	-1.4495+3.2613i	2.1628+2.2434i	0.6168-2.2082i	-1.6894+3.2669i	4.2609-4.2361i
73.6	1.0678+1.3150i	-83.1564-48.6189i	0.7846+1.4879i	-1.4400+3.3503i	2.3527+2.0211i	0.6753-2.2809i	-1.7064+3.3713i	4.5900-4.4813i
73.7	1.0592+1.2439i	-81.6760-46.6894i	0.7981+1.4156i	-1.4091+3.3796i	2.4797+1.8322i	0.7230-2.2987i	-1.6870+3.4169i	4.8632-4.4757i
73.8	1.0694+1.1886i	-80.7710-45.7292i	0.8041+1.3755i	-1.4329+3.4134i	2.4270+1.6451i	0.7230-2.3169i	-1.7061+3.4736i	4.8302-4.5817i
73.9	1.0689+1.1676i	-79.5540-45.0564i	0.8156+1.3434i	-1.4188+3.5781i	2.4380+1.3795i	0.7491-2.4462i	-1.6966+3.6666i	4.9798-4.9906i
74.0	1.0532+1.1436i	-78.4660-44.4659i	0.8346+1.2984i	-1.3574+3.6949i	2.4873+1.2559i	0.7381-2.5243i	-1.6312+3.7784i	4.9739-5.2870i
74.1	1.0237+1.1029i	-77.3499-42.8975i	0.7929+1.1888i	-1.2492+3.6232i	2.5164+1.0005i	0.7590-2.5115i	-1.5280+3.7173i	5.0605-5.3593i
74.2	1.0140+1.1218i	-76.3844-42.0144i	0.7735+1.1811i	-1.1966+3.7100i	2.4700+0.7964i	0.7465-2.6219i	-1.4812+3.8245i	5.0713-5.6688i
74.3	1.0151+1.1424i	-75.7185-40.9487i	0.7379+1.1589i	-1.2454+3.8484i	2.4156+0.6146i	0.7719-2.7607i	-1.5225+3.9914i	5.0827-6.0692i
74.4	1.0102+1.0875i	-74.5404-40.1526i	0.6900+1.1036i	-1.2536+3.8170i	2.5025+0.4387i	0.8086-2.7702i	-1.5384+3.9690i	5.0782-6.1483i
74.5	0.9780+1.1237i	-72.9885-39.1572i	0.6487+1.1116i	-1.2419+3.9669i	2.5146+0.1153i	0.8252-2.9220i	-1.5372+4.1374i	5.1224-6.5422i
74.6	1.0051+1.1509i	-71.2933-38.3589i	0.6011+1.1377i	-1.1567+4.2673i	2.4334-0.3001i	0.7626-3.2424i	-1.4388+4.4997i	5.0035-7.3676i
74.7	0.9956+1.1376i	-69.7611-37.5757i	0.5241+1.1118i	-1.2142+4.3343i	2.3859-0.7207i	0.7796-3.4063i	-1.4902+4.6120i	4.9089-7.8420i
74.8	1.0283+1.1718i	-69.1602-36.9382i	0.5312+1.1694i	-1.1569+4.4727i	2.3837-0.7978i	0.7129-3.4707i	-1.4127+4.7556i	4.6588-7.8690i
74.9	1.0328+1.1991i	-68.4909-36.5552i	0.5524+1.2109i	-0.9729+4.6320i	2.2525-0.9972i	0.5654-3.5776i	-1.2198+4.9176i	4.3389-8.0393i

75.0	1.0560+1.1917i	-67.1888-36.2203i	0.5281+1.2304i	-0.7796+4.7117i	1.9354-1.3069i	0.3814-3.6780i	-1.0034+5.0217i	3.8740-8.3539i
75.1	1.0684+1.1862i	-66.1820-35.4290i	0.5340+1.2092i	-0.7104+4.8028i	1.9215-1.6312i	0.3269-3.7736i	-0.9298+5.1352i	3.7352-8.5766i
75.2	1.1102+1.1658i	-65.4921-34.7263i	0.5879+1.2030i	-0.5684+4.8397i	1.9198-1.7957i	0.2205-3.8209i	-0.7709+5.1855i	3.5326-8.6498i
75.3	1.1593+1.1461i	-64.4372-34.2910i	0.5857+1.2327i	-0.3876+4.9430i	1.6260-2.0060i	0.0370-3.9036i	-0.5749+5.3135i	3.0826-8.8075i
75.4	1.2014+1.1498i	-63.1547-34.0898i	0.5628+1.2518i	-0.2715+5.1257i	1.2244-2.5392i	-0.1644-4.0779i	-0.4405+5.5217i	2.5515-9.2691i
75.5	1.2625+1.1095i	-62.2318-33.1189i	0.6206+1.2418i	-0.0722+5.2039i	1.1561-2.9097i	-0.3451-4.1779i	-0.2223+5.6268i	2.2493-9.4929i
75.6	1.3182+1.1049i	-60.8929-32.1596i	0.6484+1.2113i	0.0102+5.3866i	1.0129-3.4675i	-0.4570-4.3863i	-0.0969+5.8395i	1.9876-9.9195i
75.7	1.3459+1.0784i	-60.5390-31.9520i	0.6637+1.1912i	0.2297+5.4706i	0.6930-3.7026i	-0.6473-4.3910i	0.1405+5.9237i	1.6098-9.8618i
75.8	1.3622+1.0441i	-59.7017-31.9482i	0.6728+1.2419i	0.5130+5.5072i	0.1003-3.5951i	-0.8956-4.2825i	0.4514+5.9393i	0.9939-9.4675i
75.9	1.3594+0.9583i	-59.0753-31.9130i	0.6442+1.1981i	0.7578+5.3965i	-0.5682-3.7255i	-1.1404-4.1916i	0.7424+5.8381i	0.3946-9.3424i
76.0	1.4312+0.8763i	-57.8753-31.8241i	0.6324+1.2083i	1.1765+5.4402i	-1.4821-3.8149i	-1.5875-4.1792i	1.2475+5.8933i	-0.6545-9.3780i
76.1	1.4745+0.8633i	-56.9731-31.2065i	0.6760+1.2040i	1.3906+5.5421i	-1.7374-4.0779i	-1.7597-4.2519i	1.4747+6.0139i	-0.8715-9.5613i
76.2	1.4878+0.8117i	-56.6567-30.8963i	0.7016+1.1486i	1.6829+5.3946i	-2.1323-3.9405i	-1.9496-4.0797i	1.7934+5.8614i	-1.2687-9.2181i
76.3	1.5008+0.7390i	-55.8007-30.6883i	0.6822+1.1229i	1.8362+5.2471i	-2.5694-3.8129i	-2.1022-3.9167i	1.9910+5.6906i	-1.6628-8.8530i
76.4	1.5097+0.6238i	-54.9369-30.8919i	0.7023+1.1656i	2.1064+5.1446i	-3.2138-3.5072i	-2.3749-3.7179i	2.2974+5.5513i	-2.2501-8.4010i
76.5	1.4837+0.5063i	-53.8899-30.6315i	0.6692+1.0777i	2.4030+5.0742i	-3.8966-3.5948i	-2.6027-3.6881i	2.6478+5.4989i	-2.7607-8.5465i
76.6	1.3879+0.5169i	-53.3391-29.8763i	0.5664+1.0269i	2.4516+4.8153i	-4.2651-3.4821i	-2.6429-3.5475i	2.7246+5.2357i	-2.9571-8.2757i
76.7	1.4009+0.5457i	-53.2191-29.7554i	0.6053+1.0879i	2.5153+4.6951i	-4.2823-3.0598i	-2.6301-3.3786i	2.7861+5.0738i	-2.8434-7.7201i
76.8	1.4207+0.5238i	-52.2251-29.7768i	0.5856+1.1105i	2.6532+4.5671i	-4.8385-2.7714i	-2.7944-3.2128i	2.9706+4.9116i	-3.3082-7.4060i
76.9	1.4020+0.5039i	-51.8405-29.5813i	0.6173+1.1862i	2.6608+4.4176i	-4.8081-2.1618i	-2.7556-2.9631i	2.9753+4.7196i	-3.1164-6.6737i
77.0	1.4004+0.4866i	-51.4777-29.0807i	0.6371+1.2364i	2.7117+4.4072i	-4.9007-1.8584i	-2.7674-2.8899i	3.0259+4.6888i	-3.0806-6.3615i
77.1	1.3220+0.4317i	-50.4122-28.7099i	0.4899+1.1705i	2.6831+4.2489i	-5.5099-1.8733i	-2.8220-2.7983i	3.0427+4.5279i	-3.4626-6.3425i
77.2	1.2638+0.4335i	-49.7915-28.5322i	0.4644+1.2575i	2.6599+4.1527i	-5.7931-1.4165i	-2.7779-2.6469i	3.0439+4.3961i	-3.5132-5.8849i
77.3	1.2631+0.4216i	-49.5044-28.2377i	0.4782+1.3176i	2.7630+4.0774i	-6.0195-0.9283i	-2.8203-2.5235i	3.1648+4.2780i	-3.5521-5.4419i
77.4	1.2372+0.3887i	-49.0328-28.1308i	0.4982+1.3495i	2.8663+3.9482i	-5.9756-0.5807i	-2.8467-2.4323i	3.2660+4.1317i	-3.4328-5.2515i
77.5	1.1792+0.3912i	-48.6488-27.7991i	0.5484+1.3946i	2.8911+4.0214i	-5.8996-0.4013i	-2.8202-2.4603i	3.2720+4.1859i	-3.2167-5.1428i
77.6	1.1584+0.4338i	-47.9894-27.7224i	0.5437+1.4896i	2.9802+3.8546i	-6.1296+0.2116i	-2.8966-2.2984i	3.3864+3.9851i	-3.4863-4.6532i
77.7	1.1959+0.4664i	-47.1777-27.5061i	0.5755+1.5635i	3.0085+3.7497i	-6.2496+0.7160i	-2.9185-2.1864i	3.4298+3.8362i	-3.5167-4.2965i
77.8	1.1907+0.4719i	-46.8480-27.3459i	0.6583+1.5615i	3.0733+3.6721i	-6.1462+1.0594i	-2.9481-2.1038i	3.4790+3.7253i	-3.3899-4.0707i
77.9	1.2100+0.4912i	-46.3888-27.2478i	0.7299+1.6495i	3.1658+3.6083i	-6.0971+1.5795i	-2.9906-1.9745i	3.5719+3.6028i	-3.3360-3.6219i
78.0	1.2366+0.4764i	-45.8545-27.1964i	0.8397+1.6575i	3.1941+3.4757i	-5.8034+1.8903i	-2.9686-1.8280i	3.5776+3.4452i	-3.0731-3.3198i
78.1	1.2635+0.4749i	-45.1476-27.3593i	0.9308+1.7593i	3.3157+3.4515i	-5.7727+2.5552i	-3.0644-1.6768i	3.6773+3.3769i	-3.0168-2.8249i
78.2	1.2913+0.4686i	-44.8082-27.0596i	0.9507+1.7499i	3.3429+3.3337i	-5.7039+2.8090i	-3.0661-1.5732i	3.6951+3.2423i	-2.9834-2.6462i
78.3	1.3215+0.4413i	-44.3027-26.8647i	1.0445+1.6875i	3.4415+3.1718i	-5.4344+2.8996i	-3.0846-1.4645i	3.7766+3.0724i	-2.7814-2.6646i
78.4	1.3599+0.3986i	-43.9289-26.8033i	1.1648+1.6678i	3.4522+3.1013i	-4.9953+3.0155i	-3.0241-1.3745i	3.7539+2.9926i	-2.3505-2.5598i
78.5	1.3871+0.3489i	-43.3881-26.8537i	1.2510+1.8148i	3.5040+3.1003i	-5.0098+3.7781i	-3.1118-1.1859i	3.8147+2.9358i	-2.4218-1.9586i
78.6	1.4181+0.2794i	-42.9895-26.7899i	1.3286+1.7644i	3.5188+2.9867i	-4.8216+3.9616i	-3.1269-1.0826i	3.8300+2.8072i	-2.3735-1.8449i
78.7	1.4146+0.1965i	-42.9305-26.7208i	1.3849+1.6502i	3.4801+2.7939i	-4.5140+3.9201i	-3.0223-0.9633i	3.7745+2.6245i	-2.1130-1.8893i
78.8	1.3677+0.1338i	-42.4037-26.4507i	1.3506+1.6133i	3.3723+2.7543i	-4.5245+4.0646i	-2.9742-0.8886i	3.6500+2.5462i	-2.1475-1.6846i
78.9	1.2553+0.1171i	-42.0529-26.1924i	1.2790+1.6325i	3.3574+2.7693i	-4.5798+4.4531i	-2.9826-0.7766i	3.6031+2.5161i	-2.2111-1.2252i
79.0	1.1831+0.2065i	-41.6617-25.8666i	1.3947+1.9171i	3.5005+2.9820i	-3.9697+5.3460i	-2.9040-0.6351i	3.6464+2.6883i	-1.4001-0.2835i
79.1	1.2766+0.2763i	-41.1047-26.0363i	1.7910+1.9722i	3.8068+2.9518i	-2.6882+5.6042i	-2.7795-0.4832i	3.8654+2.6726i	-0.0549-0.1371i
79.2	1.3588+0.2340i	-40.9359-26.3329i	2.0834+1.7606i	3.9965+2.6745i	-1.7625+5.2649i	-2.6624-0.4067i	4.0018+2.4482i	0.8074-0.7137i
79.3	1.3967+0.1762i	-40.3938-26.4064i	2.1849+1.6750i	3.9755+2.5254i	-1.4710+5.2161i	-2.5818-0.3387i	3.9738+2.3243i	1.0535-0.9171i
79.4	1.3943+0.0809i	-40.2140-26.2616i	2.2811+1.4727i	3.9742+2.4472i	-0.8927+4.6462i	-2.4337-0.3739i	3.9261+2.2874i	1.6015-1.4645i
79.5	1.3282+0.0530i	-40.2028-26.1844i	2.3373+1.3385i	3.9843+2.2810i	-0.5685+4.2937i	-2.3223-0.3693i	3.9190+2.1451i	1.8927-1.8665i
79.6	1.2793+0.0344i	-40.0835-25.9636i	2.3478+1.1929i	3.9600+2.0701i	-0.2748+3.8883i	-2.2086-0.3118i	3.8997+1.9842i	2.1016-2.2278i
79.7	1.2738+0.0119i	-40.0408-25.7531i	2.3609+0.9803i	3.9771+1.8717i	-0.1506+3.2673i	-2.1408-0.3275i	3.9197+1.8412i	2.1750-2.9445i
79.8	1.2514-0.0054i	-39.4343-25.5383i	2.4047+0.8452i	3.8847+1.7405i	0.0888+2.7788i	-2.0368-0.3494i	3.8344+1.7417i	2.3726-3.5007i
79.9	1.2333-0.0214i	-38.9825-25.3946i	2.3737+0.7502i	3.7731+1.6980i	0.0458+2.4110i	-1.9826-0.3914i	3.7472+1.7145i	2.2270-3.9005i
80.0	1.2084-0.0419i	-39.1136-25.0717i	2.3119+0.6227i	3.6879+1.5632i	-0.1053+2.1180i	-1.9425-0.3883i	3.6976+1.6074i	1.9767-4.1824i

2.1.15 Run 2 – IP270 – Accels 17–24

In-plane shaking at 270°. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-0.8789+0.0000i	-7.6884+0.0000i	17.0680+0.0000i	9.7369+0.0000i	5.5539+0.0000i	9.3144+0.0000i	6.5105+0.0000i	11.0844+0.0000i
0.1	-0.2743+0.5553i	-7.3723+0.2178i	15.5970+0.4065i	8.7877+1.9346i	4.3703-0.0364i	10.6158+0.9597i	5.9956-0.7335i	10.0168-0.3285i
0.2	0.6101-0.1716i	-1.4334-0.1151i	0.3921-1.5377i	-1.8210+1.4967i	-0.0952-0.7809i	3.2510+0.8331i	0.3605+1.9466i	0.8158+0.4369i
0.3	0.6449-0.8061i	0.0307-0.0070i	0.0584-0.2870i	-2.4286+0.5407i	0.2325-1.0303i	-0.7324-0.1714i	0.4493+0.2537i	0.1984+0.4781i
0.4	-0.4682-0.0056i	0.1594+0.2187i	0.4800+0.2532i	-0.0884+0.6321i	0.2927+0.0082i	0.0337+0.2463i	-0.4229-0.5437i	-0.3248+0.0941i
0.5	0.0513+0.3756i	-0.1231-0.1453i	-0.7713-0.0676i	0.2768-0.3988i	0.1496-0.0444i	0.5542+1.1588i	0.0475-0.4103i	-0.2154-0.0968i
0.6	0.0309+0.0722i	0.0711+0.0120i	-0.0650-0.0291i	-0.2372-0.0307i	-0.1993+0.0035i	0.1966-0.0412i	-0.0421-0.1368i	0.0404-0.0536i
0.7	0.0459+0.0227i	0.0902+0.0383i	-0.0037-0.0126i	-0.0410-0.0368i	0.0453-0.0271i	-0.0135-0.0140i	-0.0136-0.0299i	0.0975+0.0098i
0.8	0.0290+0.0217i	0.1047+0.0181i	-0.0084+0.0132i	0.0200-0.0130i	0.0879+0.0429i	0.0165-0.0408i	0.0081-0.0111i	0.0985+0.0165i
0.9	0.0073+0.0250i	0.1316-0.0028i	-0.0047+0.0062i	0.0177+0.0051i	0.1041+0.0396i	0.0152-0.0199i	0.0106-0.0116i	0.1267+0.0189i
1.0	0.0205+0.0233i	0.1614-0.0062i	-0.0132+0.0012i	0.0228+0.0080i	0.1705+0.0407i	-0.0028+0.0021i	0.0071-0.0112i	0.1760+0.0286i
1.1	0.0246+0.0135i	0.2328-0.0048i	-0.0200+0.0120i	0.0328+0.0027i	0.2337+0.0397i	0.0025+0.0012i	0.0150-0.0139i	0.2395+0.0259i
1.2	0.0242-0.0027i	0.2902-0.0146i	-0.0114+0.0343i	0.0360-0.0076i	0.2978+0.0151i	0.0054+0.0031i	0.0111-0.0234i	0.2968+0.0096i
1.3	-0.0309+0.0806i	0.4487-0.0343i	0.0441+0.0345i	0.0093+0.0531i	0.3921+0.2443i	0.0124+0.0101i	-0.0009-0.0739i	0.4279+0.1098i
1.4	0.0334+0.1252i	0.5657-0.0730i	0.0661+0.0021i	0.0655+0.0839i	0.7288+0.2828i	0.0168+0.0011i	-0.0538-0.0731i	0.6503+0.1126i
1.5	0.0879-0.1864i	0.8483-0.2784i	0.0456-0.0533i	0.1301-0.1519i	1.1097-0.9028i	0.0169-0.0085i	-0.0607+0.1505i	1.0063-0.5461i
1.6	-0.0944-0.3096i	0.9955-0.5693i	0.0207-0.0749i	0.0166-0.2626i	0.6763-1.5707i	0.0193-0.0133i	0.0715+0.2352i	0.9003-1.0236i
1.7	-0.2308-0.1710i	0.9641-0.9355i	0.0020-0.0788i	-0.0797-0.1966i	0.2229-1.5313i	0.0213-0.0194i	0.1706+0.1493i	0.6739-1.2143i
1.8	-0.2737+0.0335i	0.7118-1.5564i	-0.0269-0.1027i	-0.1271-0.1044i	-0.2012-1.5821i	0.0169-0.0286i	0.2217+0.0370i	0.3445-1.5917i
1.9	-0.1849+0.2029i	-0.0309-1.8678i	-0.0911-0.1092i	-0.1207-0.0112i	-0.7863-1.4094i	-0.0010-0.0349i	0.2180-0.0623i	-0.3394-1.7008i
2.0	0.0336+0.1931i	-0.9109-1.2376i	-0.1683-0.0492i	-0.0309+0.0282i	-1.1562-0.7157i	-0.0167-0.0224i	0.1536-0.1024i	-1.0144-1.0434i
2.1	0.1509+0.1469i	-1.0299-0.8942i	-0.2249-0.0121i	0.0530+0.0187i	-1.0811-0.4468i	-0.0213-0.0154i	0.1602-0.1082i	-1.0502-0.7277i
2.2	0.3277-0.0117i	-1.0522-0.6366i	-0.3646+0.1478i	0.2101-0.1086i	-0.9646-0.2626i	-0.0309-0.0021i	0.2514-0.2212i	-1.0073-0.5033i
2.3	0.0882-0.3738i	-0.9582-0.5282i	-0.0835+0.5370i	-0.0201-0.4480i	-0.8562-0.1764i	-0.0108+0.0249i	0.0108-0.5498i	-0.9189-0.4172i
2.4	-0.2296-0.1390i	-0.8918-0.4160i	0.2765+0.2465i	-0.3261-0.1990i	-0.7616-0.1339i	0.0143+0.0085i	-0.3034-0.2838i	-0.8547-0.3202i
2.5	-0.1147+0.0460i	-0.8495-0.3352i	0.1534+0.0281i	-0.2096-0.0069i	-0.6990-0.1031i	0.0072-0.0044i	-0.2008-0.0827i	-0.7979-0.2495i
2.6	-0.0556+0.0708i	-0.7897-0.3142i	0.0843+0.0007i	-0.1458+0.0196i	-0.6497-0.0873i	0.0044-0.0063i	-0.1389-0.0568i	-0.7388-0.2286i
2.7	-0.0306+0.0812i	-0.7332-0.2970i	0.0517-0.0095i	-0.1156+0.0313i	-0.6059-0.0691i	0.0043-0.0069i	-0.1086-0.0480i	-0.6853-0.2098i
2.8	-0.0015+0.0736i	-0.7407-0.2522i	0.0313-0.0106i	-0.0913+0.0301i	-0.5801-0.0544i	0.0027-0.0064i	-0.0992-0.0394i	-0.6777-0.1773i
2.9	0.0135+0.0633i	-0.7240-0.2128i	0.0185-0.0091i	-0.0764+0.0260i	-0.5524-0.0439i	0.0029-0.0051i	-0.0903-0.0336i	-0.6554-0.1493i
3.0	0.0084+0.0678i	-0.6742-0.2171i	0.0151-0.0098i	-0.0741+0.0294i	-0.5283-0.0395i	0.0051-0.0053i	-0.0809-0.0345i	-0.6151-0.1496i
3.1	0.0224+0.0698i	-0.6718-0.2153i	0.0062-0.0123i	-0.0629+0.0323i	-0.5077-0.0370i	0.0056-0.0055i	-0.0799-0.0344i	-0.6043-0.1470i
3.2	0.0406+0.0616i	-0.6922-0.1839i	-0.0037-0.0097i	-0.0510+0.0273i	-0.4934-0.0283i	0.0042-0.0056i	-0.0816-0.0302i	-0.6095-0.1255i
3.3	0.0394+0.0531i	-0.6640-0.1577i	-0.0085-0.0068i	-0.0483+0.0229i	-0.4773-0.0227i	0.0058-0.0042i	-0.0754-0.0263i	-0.5858-0.1077i
3.4	0.0429+0.0589i	-0.6557-0.1679i	-0.0101-0.0068i	-0.0437+0.0258i	-0.4652-0.0219i	0.0062-0.0055i	-0.0740-0.0269i	-0.5762-0.1132i
3.5	0.0513+0.0420i	-0.6556-0.1290i	-0.0136-0.0041i	-0.0371+0.0176i	-0.4529-0.0218i	0.0067-0.0034i	-0.0729-0.0203i	-0.5702-0.0902i
3.6	0.0573+0.0315i	-0.6556-0.1022i	-0.0210-0.0020i	-0.0313+0.0133i	-0.4430-0.0206i	0.0061-0.0027i	-0.0720-0.0158i	-0.5655-0.0747i
3.7	0.0677+0.0357i	-0.6616-0.1120i	-0.0271-0.0039i	-0.0251+0.0154i	-0.4299-0.0200i	0.0066-0.0050i	-0.0736-0.0168i	-0.5617-0.0805i
3.8	0.0611+0.0487i	-0.6424-0.1338i	-0.0279-0.0079i	-0.0293+0.0231i	-0.4249-0.0158i	0.0083-0.0057i	-0.0727-0.0188i	-0.5486-0.0915i
3.9	0.0554+0.0493i	-0.6236-0.1363i	-0.0291-0.0085i	-0.0310+0.0238i	-0.4168-0.0182i	0.0109-0.0054i	-0.0715-0.0203i	-0.5352-0.0928i
4.0	0.0552+0.0305i	-0.6179-0.0951i	-0.0330-0.0047i	-0.0292+0.0122i	-0.4151-0.0238i	0.0122-0.0023i	-0.0699-0.0136i	-0.5323-0.0689i
4.1	0.0589+0.0306i	-0.6215-0.0856i	-0.0361-0.0033i	-0.0277+0.0124i	-0.4121-0.0191i	0.0113-0.0019i	-0.0712-0.0115i	-0.5319-0.0617i
4.2	0.0535+0.0287i	-0.6018-0.0827i	-0.0339-0.0013i	-0.0318+0.0132i	-0.4060-0.0173i	0.0130-0.0031i	-0.0690-0.0119i	-0.5167-0.0609i
4.3	0.0476+0.0286i	-0.5839-0.0839i	-0.0319+0.0015i	-0.0357+0.0129i	-0.3984-0.0160i	0.0172-0.0020i	-0.0691-0.0121i	-0.5026-0.0637i
4.4	0.0535+0.0239i	-0.5861-0.0701i	-0.0450+0.0015i	-0.0291+0.0101i	-0.3967-0.0202i	0.0164-0.0028i	-0.0658-0.0076i	-0.5018-0.0563i
4.5	0.0502+0.0191i	-0.5717-0.0572i	-0.0514+0.0054i	-0.0280+0.0070i	-0.3965-0.0203i	0.0180-0.0026i	-0.0582-0.0060i	-0.4917-0.0477i
4.6	0.0495+0.0222i	-0.5657-0.0632i	-0.0504+0.0097i	-0.0286+0.0064i	-0.3914-0.0181i	0.0201-0.0022i	-0.0595-0.0084i	-0.4855-0.0494i
4.7	0.0527+0.0171i	-0.5637-0.0601i	-0.0552+0.0173i	-0.0277+0.0056i	-0.3856-0.0145i	0.0196-0.0003i	-0.0587-0.0109i	-0.4835-0.0467i
4.8	0.0519+0.0055i	-0.5602-0.0426i	-0.0575+0.0189i	-0.0274+0.0007i	-0.3868-0.0197i	0.0216+0.0020i	-0.0569-0.0046i	-0.4819-0.0361i
4.9	0.0495+0.0104i	-0.5502-0.0460i	-0.0583+0.0221i	-0.0288-0.0002i	-0.3854-0.0213i	0.0241+0.0016i	-0.0574-0.0059i	-0.4741-0.0381i
5.0	0.0483+0.0111i	-0.5467-0.0489i	-0.0542+0.0217i	-0.0283+0.0008i	-0.3790-0.0291i	0.0258-0.0001i	-0.0593-0.0049i	-0.4715-0.0454i
5.1	0.0489+0.0147i	-0.5390-0.0542i	-0.0493+0.0215i	-0.0299+0.0034i	-0.3690-0.0309i	0.0274-0.0049i	-0.0600-0.0043i	-0.4590-0.0490i
5.2	0.0456+0.0160i	-0.5316-0.0591i	-0.0508+0.0189i	-0.0314+0.0064i	-0.3709-0.0297i	0.0284-0.0016i	-0.0569-0.0051i	-0.4525-0.0498i
5.3	0.0456+0.0143i	-0.5313-0.0620i	-0.0523+0.0178i	-0.0324+0.0041i	-0.3729-0.0298i	0.0313-0.0005i	-0.0568-0.0057i	-0.4551-0.0527i
5.4	0.0442+0.0133i	-0.5242-0.0576i	-0.0580+0.0186i	-0.0329+0.0034i	-0.3755-0.0269i	0.0298-0.0053i	-0.0507-0.0070i	-0.4499-0.0486i
5.5	0.0433+0.0134i	-0.5239-0.0619i	-0.0619+0.0190i	-0.0318+0.0048i	-0.3702-0.0348i	0.0313-0.0049i	-0.0514-0.0062i	-0.4459-0.0553i
5.6	0.0456+0.0163i	-0.5267-0.0734i	-0.0681+0.0097i	-0.0286+0.0049i	-0.3692-0.0474i	0.0357-0.0057i	-0.0514-0.0048i	-0.4469-0.0664i

5.7	0.0459+0.0118i	-0.5273-0.0759i	-0.0725+0.0105i	-0.0307+0.0004i	-0.3742-0.0498i	0.0366-0.0072i	-0.0535-0.0076i	-0.4496-0.0709i
5.8	0.0446+0.0128i	-0.5360-0.0761i	-0.0804+0.0074i	-0.0341+0.0001i	-0.3852-0.0529i	0.0382-0.0078i	-0.0523-0.0048i	-0.4565-0.0741i
5.9	0.0438+0.0154i	-0.5393-0.0781i	-0.0887+0.0054i	-0.0350-0.0000i	-0.3906-0.0532i	0.0374-0.0058i	-0.0521-0.0080i	-0.4617-0.0775i
6.0	0.0457+0.0068i	-0.5645-0.0812i	-0.0897+0.0060i	-0.0350-0.0045i	-0.4024-0.0612i	0.0335-0.0035i	-0.0591-0.0115i	-0.4817-0.0847i
6.1	0.0490+0.0075i	-0.5636-0.0828i	-0.1116+0.0087i	-0.0299-0.0000i	-0.4047-0.0574i	0.0339-0.0044i	-0.0527-0.0122i	-0.4821-0.0833i
6.2	0.0449+0.0035i	-0.5705-0.0671i	-0.1231+0.0116i	-0.0324-0.0036i	-0.4146-0.0494i	0.0344-0.0019i	-0.0564-0.0102i	-0.4909-0.0678i
6.3	0.0382+0.0031i	-0.5655-0.0484i	-0.1352+0.0129i	-0.0360-0.0028i	-0.4165-0.0339i	0.0363+0.0020i	-0.0570-0.0071i	-0.4850-0.0474i
6.4	0.0364+0.0041i	-0.5710-0.0608i	-0.1440+0.0181i	-0.0347-0.0038i	-0.4157-0.0387i	0.0393+0.0044i	-0.0593-0.0146i	-0.4879-0.0591i
6.5	0.0341+0.0074i	-0.5643-0.0597i	-0.1463+0.0301i	-0.0359-0.0026i	-0.4140-0.0389i	0.0410+0.0015i	-0.0602-0.0137i	-0.4800-0.0573i
6.6	0.0331+0.0040i	-0.5728-0.0567i	-0.1617+0.0279i	-0.0400-0.0041i	-0.4179-0.0378i	0.0460+0.0038i	-0.0649-0.0126i	-0.4873-0.0560i
6.7	0.0317+0.0073i	-0.5691-0.0659i	-0.1811+0.0174i	-0.0415-0.0037i	-0.4121-0.0396i	0.0476+0.0025i	-0.0653-0.0140i	-0.4825-0.0641i
6.8	0.0232+0.0071i	-0.5619-0.0483i	-0.1936+0.0268i	-0.0501-0.0045i	-0.4112-0.0334i	0.0463+0.0017i	-0.0663-0.0097i	-0.4780-0.0476i
6.9	0.0102+0.0061i	-0.5617-0.0305i	-0.2148+0.0331i	-0.0593-0.0036i	-0.4146-0.0255i	0.0465-0.0023i	-0.0725-0.0055i	-0.4803-0.0326i
7.0	-0.0153+0.0215i	-0.5633-0.0377i	-0.2955+0.0588i	-0.0688+0.0035i	-0.4167-0.0307i	0.0491+0.0042i	-0.0839-0.0032i	-0.4829-0.0417i
7.1	-0.0212+0.0610i	-0.5637-0.0451i	-0.3564+0.1560i	-0.0720+0.0168i	-0.4149-0.0337i	0.0519+0.0061i	-0.0874+0.0096i	-0.4838-0.0479i
7.2	0.0265+0.1221i	-0.5664-0.0478i	-0.2345+0.3712i	-0.0541+0.0475i	-0.4168-0.0379i	0.0537+0.0077i	-0.0729+0.0344i	-0.4789-0.0431i
7.3	0.0779+0.1147i	-0.5672-0.0487i	-0.0673+0.3560i	-0.0265+0.0444i	-0.4156-0.0367i	0.0503+0.0152i	-0.0515+0.0309i	-0.4748-0.0417i
7.4	0.1010+0.0694i	-0.5620-0.0411i	-0.0182+0.2282i	-0.0138+0.0264i	-0.4146-0.0295i	0.0428+0.0225i	-0.0365+0.0190i	-0.4676-0.0380i
7.5	0.0991+0.0398i	-0.5692-0.0371i	-0.0248+0.1429i	-0.0164+0.0169i	-0.4171-0.0314i	0.0511+0.0158i	-0.0409+0.0101i	-0.4692-0.0385i
7.6	0.0949+0.0230i	-0.5710-0.0475i	-0.0412+0.0702i	-0.0169+0.0061i	-0.4157-0.0391i	0.0574+0.0126i	-0.0442+0.0014i	-0.4682-0.0505i
7.7	0.0820+0.0202i	-0.5649-0.0456i	-0.0932+0.0610i	-0.0226+0.0039i	-0.4140-0.0357i	0.0516+0.0175i	-0.0462-0.0017i	-0.4622-0.0474i
7.8	0.0744+0.0180i	-0.5702-0.0367i	-0.1298+0.0583i	-0.0281+0.0031i	-0.4214-0.0312i	0.0412+0.0186i	-0.0494+0.0010i	-0.4670-0.0373i
7.9	0.0726+0.0171i	-0.5723-0.0394i	-0.1603+0.0755i	-0.0310+0.0035i	-0.4195-0.0297i	0.0413+0.0287i	-0.0485-0.0021i	-0.4663-0.0401i
8.0	0.0736+0.0230i	-0.5789-0.0431i	-0.1648+0.0974i	-0.0303+0.0039i	-0.4199-0.0327i	0.0526+0.0350i	-0.0529-0.0029i	-0.4686-0.0425i
8.1	0.0738+0.0232i	-0.5813-0.0440i	-0.1787+0.0963i	-0.0345+0.0057i	-0.4212-0.0358i	0.0526+0.0324i	-0.0536-0.0055i	-0.4719-0.0455i
8.2	0.0791+0.0276i	-0.5843-0.0488i	-0.1776+0.1172i	-0.0346+0.0047i	-0.4206-0.0378i	0.0610+0.0480i	-0.0543-0.0026i	-0.4697-0.0525i
8.3	0.0754+0.0233i	-0.5829-0.0511i	-0.1956+0.1353i	-0.0347+0.0033i	-0.4200-0.0405i	0.0615+0.0584i	-0.0569-0.0020i	-0.4658-0.0559i
8.4	0.0745+0.0152i	-0.5862-0.0493i	-0.2207+0.1148i	-0.0331-0.0020i	-0.4222-0.0408i	0.0510+0.0498i	-0.0591-0.0020i	-0.4643-0.0549i
8.5	0.0762+0.0193i	-0.5883-0.0512i	-0.2233+0.1437i	-0.0349-0.0057i	-0.4175-0.0435i	0.0561+0.0683i	-0.0615-0.0068i	-0.4579-0.0565i
8.6	0.0718+0.0195i	-0.5919-0.0495i	-0.2619+0.1682i	-0.0377-0.0078i	-0.4185-0.0431i	0.0443+0.0904i	-0.0633-0.0044i	-0.4516-0.0554i
8.7	0.0696+0.0233i	-0.5887-0.0510i	-0.2853+0.1831i	-0.0385-0.0056i	-0.4186-0.0482i	0.0432+0.0980i	-0.0647-0.0018i	-0.4515-0.0580i
8.8	0.0649+0.0294i	-0.5880-0.0542i	-0.3258+0.2150i	-0.0400-0.0055i	-0.4181-0.0524i	0.0325+0.1264i	-0.0685-0.0025i	-0.4487-0.0634i
8.9	0.0632+0.0298i	-0.5903-0.0607i	-0.3634+0.2578i	-0.0434-0.0041i	-0.4177-0.0575i	0.0199+0.1575i	-0.0707-0.0019i	-0.4443-0.0689i
9.0	0.0620+0.0369i	-0.5913-0.0641i	-0.3604+0.3157i	-0.0472-0.0040i	-0.4190-0.0616i	0.0394+0.1987i	-0.0718-0.0026i	-0.4427-0.0764i
9.1	0.0630+0.0489i	-0.5894-0.0629i	-0.3340+0.4142i	-0.0562+0.0031i	-0.4138-0.0649i	0.0737+0.2758i	-0.0735+0.0008i	-0.4367-0.0775i
9.2	0.0599+0.0561i	-0.5883-0.0711i	-0.3305+0.4633i	-0.0586+0.0060i	-0.4058-0.0769i	0.0804+0.3055i	-0.0804+0.0026i	-0.4298-0.0899i
9.3	0.0744+0.0958i	-0.5880-0.0836i	-0.2229+0.6325i	-0.0600+0.0161i	-0.4025-0.0875i	0.1800+0.4400i	-0.0834+0.0168i	-0.4223-0.1011i
9.4	0.1238+0.1169i	-0.5878-0.0934i	0.0076+0.6747i	-0.0473+0.0294i	-0.4018-0.0926i	0.3768+0.4701i	-0.0723+0.0225i	-0.4158-0.1086i
9.5	0.1531+0.0955i	-0.5940-0.1051i	0.1036+0.5574i	-0.0359+0.0227i	-0.4023-0.1119i	0.4751+0.3783i	-0.0648+0.0209i	-0.4151-0.1274i
9.6	0.1713+0.0579i	-0.6047-0.1227i	0.1217+0.4054i	-0.0251+0.0083i	-0.4015-0.1347i	0.5103+0.2626i	-0.0619+0.0128i	-0.4135-0.1499i
9.7	0.1880+0.0385i	-0.6106-0.1292i	0.1935+0.3447i	-0.0202+0.0030i	-0.4122-0.1419i	0.5816+0.2074i	-0.0537+0.0105i	-0.4214-0.1598i
9.8	0.1793+0.0146i	-0.6279-0.1516i	0.1582+0.2821i	-0.0259-0.0084i	-0.4198-0.1709i	0.5749+0.1348i	-0.0594+0.0047i	-0.4293-0.1916i
9.9	0.1620-0.0067i	-0.6423-0.1634i	0.0542+0.2376i	-0.0340-0.0199i	-0.4272-0.1900i	0.5100+0.1026i	-0.0724-0.0074i	-0.4338-0.2137i
10.0	0.1579-0.0210i	-0.6604-0.1616i	0.0396+0.1844i	-0.0417-0.0267i	-0.4385-0.2022i	0.5165+0.0633i	-0.0758-0.0110i	-0.4426-0.2280i
10.1	0.1499-0.0210i	-0.6848-0.1686i	0.0201+0.1890i	-0.0501-0.0265i	-0.4549-0.2194i	0.5092+0.0743i	-0.0805-0.0089i	-0.4616-0.2459i
10.2	0.1439-0.0224i	-0.7061-0.1704i	-0.0089+0.1964i	-0.0560-0.0257i	-0.4818-0.2339i	0.5139+0.0748i	-0.0849-0.0055i	-0.4852-0.2591i
10.3	0.1339-0.0276i	-0.7164-0.1773i	-0.0656+0.1722i	-0.0658-0.0261i	-0.4859-0.2504i	0.4987+0.0313i	-0.0927-0.0038i	-0.4872-0.2730i
10.4	0.1315-0.0212i	-0.7286-0.1832i	-0.0596+0.1870i	-0.0712-0.0165i	-0.4998-0.2695i	0.5076+0.0500i	-0.0989+0.0056i	-0.4993-0.2961i
10.5	0.1272-0.0169i	-0.7429-0.1887i	-0.0639+0.1654i	-0.0804-0.0116i	-0.5193-0.2876i	0.5170+0.0420i	-0.1050+0.0141i	-0.5189-0.3137i
10.6	0.1290-0.0035i	-0.7674-0.1965i	-0.1004+0.1560i	-0.0826-0.0016i	-0.5392-0.3073i	0.5310+0.0374i	-0.1086+0.0220i	-0.5330-0.3329i
10.7	0.1314-0.0009i	-0.7899-0.2033i	-0.1091+0.1598i	-0.0837+0.0069i	-0.5674-0.3322i	0.5496+0.0255i	-0.1063+0.0309i	-0.5633-0.3562i
10.8	0.1410-0.0003i	-0.8216-0.2015i	-0.1320+0.1839i	-0.0808+0.0165i	-0.6013-0.3478i	0.5603+0.0138i	-0.1031+0.0430i	-0.5954-0.3734i
10.9	0.1493+0.0090i	-0.8492-0.1915i	-0.1257+0.1555i	-0.0757+0.0200i	-0.6371-0.3290i	0.5674+0.0197i	-0.0993+0.0458i	-0.6245-0.3542i
11.0	0.1588+0.0036i	-0.8669-0.1918i	-0.1523+0.1093i	-0.0727+0.0184i	-0.6586-0.3403i	0.5888+0.0050i	-0.0957+0.0436i	-0.6440-0.3603i
11.1	0.1705-0.0027i	-0.8883-0.2016i	-0.1927+0.1062i	-0.0717+0.0229i	-0.6839-0.3731i	0.6306-0.0118i	-0.0953+0.0509i	-0.6634-0.3962i
11.2	0.1710+0.0026i	-0.9189-0.1850i	-0.2542+0.1416i	-0.0656+0.0300i	-0.7390-0.3547i	0.6365-0.0058i	-0.0855+0.0550i	-0.7130-0.3757i
11.3	0.1782-0.0045i	-0.9435-0.1653i	-0.2631+0.1460i	-0.0596+0.0324i	-0.7797-0.3268i	0.6484-0.0291i	-0.0811+0.0514i	-0.7539-0.3560i
11.4	0.1882-0.0022i	-0.9576-0.1528i	-0.2874+0.1328i	-0.0550+0.0311i	-0.7894-0.2923i	0.6708-0.0285i	-0.0811+0.0467i	-0.7557-0.3205i
11.5	0.2034-0.0106i	-0.9673-0.1531i	-0.3107+0.1180i	-0.0446+0.0291i	-0.7862-0.3046i	0.7028-0.0466i	-0.0822+0.0483i	-0.7498-0.3302i
11.6	0.2064-0.0218i	-0.9862-0.1463i	-0.3354+0.1140i	-0.0374+0.0232i	-0.8154-0.3093i	0.7061-0.0660i	-0.0806+0.0469i	-0.7772-0.3332i
11.7	0.2285-0.0360i	-0.9961-0.1388i	-0.3734+0.1033i	-0.0266+0.0113i	-0.7991-0.3166i	0.7410-0.0899i	-0.0852+0.0446i	-0.7587-0.3324i
11.8	0.2341-0.0488i	-1.0132-0.1372i	-0.4076+0.0822i	-0.0186+0.0009i	-0.8104-0.3164i	0.7487-0.0999i	-0.0855+0.0449i	-0.7685-0.3300i
11.9	0.2372-0.0530i	-1.0271-0.1316i	-0.4478+0.1016i	-0.0107-0.0022i	-0.8369-0.3192i	0.7552-0.1045i	-0.0863+0.0442i	-0.7852-0.3316i

12.0	0.2507−0.0663i	−1.0384−0.1273i	−0.5500+0.0635i	−0.0112−0.0126i	−0.8317−0.3434i	0.7951−0.1203i	−0.0916+0.0417i	−0.7732−0.3470i
12.1	0.2761−0.0834i	−1.0499−0.1324i	−0.6394+0.0599i	−0.0085−0.0359i	−0.8120−0.3723i	0.8426−0.1422i	−0.1018+0.0487i	−0.7489−0.3709i
12.2	0.2871−0.1085i	−1.0602−0.1423i	−0.6832+0.0945i	−0.0081−0.0545i	−0.8107−0.4141i	0.8604−0.1805i	−0.1113+0.0554i	−0.7354−0.4104i
12.3	0.2869−0.1293i	−1.0744−0.1538i	−0.7576+0.0871i	−0.0127−0.0712i	−0.8233−0.4488i	0.8628−0.1924i	−0.1170+0.0605i	−0.7385−0.4424i
12.4	0.3047−0.1635i	−1.0900−0.1746i	−0.8082+0.1116i	−0.0167−0.0925i	−0.8214−0.5147i	0.8759−0.2091i	−0.1283+0.0718i	−0.7263−0.5004i
12.5	0.3198−0.1983i	−1.1045−0.2029i	−0.8017+0.1776i	−0.0225−0.1097i	−0.8344−0.5899i	0.8971−0.2310i	−0.1352+0.0844i	−0.7227−0.5684i
12.6	0.3249−0.2401i	−1.1233−0.2577i	−0.9409+0.2335i	−0.0341−0.1373i	−0.8627−0.6929i	0.9356−0.2061i	−0.1407+0.1052i	−0.7285−0.6675i
12.7	0.3158−0.2974i	−1.1707−0.3030i	−1.0268+0.2431i	−0.0442−0.1633i	−0.9276−0.8234i	0.9786−0.2133i	−0.1393+0.1301i	−0.7731−0.7915i
12.8	0.2898−0.3638i	−1.2437−0.3535i	−1.0671+0.2677i	−0.0709−0.1917i	−1.0559−0.9733i	1.0121−0.2661i	−0.1201+0.1607i	−0.8733−0.9436i
12.9	0.2391−0.4260i	−1.3371−0.4040i	−1.1485+0.3388i	−0.1155−0.2262i	−1.2451−1.1132i	1.0377−0.2931i	−0.0914+0.1902i	−1.0341−1.0766i
13.0	0.1455−0.4807i	−1.4902−0.4488i	−1.2033+0.2741i	−0.1824−0.2527i	−1.5321−1.2238i	1.0746−0.3435i	−0.0481+0.2128i	−1.2883−1.1924i
13.1	0.0447−0.4789i	−1.6401−0.4423i	−1.2776+0.2384i	−0.2433−0.2474i	−1.8366−1.1855i	1.0797−0.3628i	−0.0074+0.2060i	−1.5578−1.1725i
13.2	−0.0408−0.4416i	−1.7923−0.3882i	−1.4850+0.2608i	−0.2962−0.2241i	−2.1018−1.0626i	1.0784−0.3809i	0.0282+0.1787i	−1.7945−1.0640i
13.3	−0.0878−0.4033i	−1.9091−0.3181i	−1.6516+0.2585i	−0.3395−0.1938i	−2.2805−0.9365i	1.1085−0.4094i	0.0470+0.1536i	−1.9446−0.9622i
13.4	−0.1135−0.3544i	−1.9990−0.2295i	−1.8560+0.2741i	−0.3685−0.1619i	−2.3965−0.7807i	1.1402−0.4229i	0.0548+0.1284i	−2.0405−0.8327i
13.5	−0.1399−0.3186i	−2.0877−0.1636i	−2.0243+0.3364i	−0.3908−0.1324i	−2.5253−0.6497i	1.1369−0.4370i	0.0625+0.1010i	−2.1415−0.7266i
13.6	−0.1502−0.2772i	−2.1834−0.1043i	−2.2364+0.4612i	−0.4087−0.1034i	−2.6287−0.5090i	1.1735−0.4164i	0.0638+0.0742i	−2.2203−0.6160i
13.7	−0.1483−0.2397i	−2.3090−0.0226i	−2.5564+0.5559i	−0.4262−0.0684i	−2.7047−0.3515i	1.2374−0.4389i	0.0539+0.0449i	−2.2817−0.5131i
13.8	−0.1565−0.2007i	−2.4415+0.0454i	−2.8648+0.7007i	−0.4432−0.0457i	−2.7617−0.2152i	1.2540−0.4192i	0.0323+0.0196i	−2.3594−0.4156i
13.9	−0.1627−0.1659i	−2.5516+0.1574i	−3.1326+1.0784i	−0.4611−0.0299i	−2.8113−0.1477i	1.2747−0.3487i	−0.0004+0.0200i	−2.4321−0.3302i
14.0	−0.1777−0.1433i	−2.6675+0.3247i	−3.5132+1.4982i	−0.4881−0.0147i	−2.9151−0.1083i	1.3369−0.2799i	−0.0221+0.0338i	−2.5174−0.2662i
14.1	−0.1861−0.1130i	−2.7393+0.4735i	−3.6185+1.9690i	−0.5111+0.0092i	−3.0331−0.0577i	1.4520−0.2417i	−0.0302+0.0531i	−2.6034−0.2017i
14.2	−0.1884−0.0680i	−2.8368+0.6420i	−3.8298+2.4147i	−0.5452+0.0422i	−3.2194+0.0505i	1.6487−0.1883i	−0.0277+0.0666i	−2.7197−0.1001i
14.3	−0.1800−0.0310i	−2.9265+0.8138i	−3.9436+2.8495i	−0.5705+0.0868i	−3.3813+0.1709i	1.8349−0.1853i	−0.0268+0.0773i	−2.8278+0.0008i
14.4	−0.1596+0.0087i	−3.0052+1.0066i	−3.9970+3.3364i	−0.5917+0.1293i	−3.5223+0.3211i	2.0456−0.1901i	−0.0249+0.0859i	−2.9281+0.1229i
14.5	−0.1448+0.0541i	−3.0781+1.2312i	−4.2042+3.8309i	−0.6134+0.1700i	−3.6753+0.4989i	2.2438−0.2037i	−0.0205+0.0905i	−3.0280+0.2709i
14.6	−0.1254+0.1215i	−3.1865+1.5719i	−4.5072+4.7971i	−0.6494+0.2401i	−3.8790+0.7536i	2.5095−0.1885i	−0.0215+0.1047i	−3.1655+0.4668i
14.7	−0.0775+0.1940i	−3.1541+1.9414i	−4.2670+5.9424i	−0.6558+0.3259i	−4.0049+1.0164i	2.8337−0.1484i	−0.0047+0.1295i	−3.2352+0.6614i
14.8	0.0731+0.2416i	−2.7924+2.2226i	−2.8855+6.6531i	−0.5950+0.4023i	−3.9823+1.2989i	3.4520−0.2540i	0.0358+0.1442i	−3.1692+0.8843i
14.9	0.2083+0.2047i	−2.4462+2.2129i	−2.0410+6.4166i	−0.5456+0.4022i	−3.9532+1.3967i	4.0034−0.4918i	0.0709+0.1340i	−3.1043+0.9539i
15.0	0.3090+0.1249i	−2.3308+1.9437i	−1.7766+5.3653i	−0.5186+0.3544i	−3.9891+1.3302i	4.5497−0.8230i	0.0843+0.1065i	−3.1016+0.8938i
15.1	0.3718+0.0336i	−2.5718+1.6305i	−2.2939+4.7048i	−0.5767+0.2936i	−4.3735+1.1784i	5.2602−1.2340i	0.0886+0.0855i	−3.3400+0.7746i
15.2	0.3928−0.0556i	−3.0964+1.6666i	−3.6608+4.4519i	−0.6945+0.3010i	−5.0238+1.3854i	5.9163−1.9867i	0.0936+0.0704i	−3.7849+0.8805i
15.3	0.3868−0.1302i	−3.6448+1.8924i	−5.1204+4.6479i	−0.8196+0.3384i	−5.6697+1.7391i	6.4619−2.8149i	0.0952+0.0487i	−4.2214+1.1057i
15.4	0.3628−0.2256i	−4.4971+2.4846i	−8.1984+5.9778i	−1.0386+0.4783i	−6.7390+2.5461i	7.4068−4.2430i	0.0703+0.0384i	−4.9461+1.6326i
15.5	0.3467−0.2896i	−5.0719+3.2746i	−10.7298+8.4349i	−1.2135+0.6718i	−7.5035+3.5454i	7.9814−5.7176i	0.0508+0.0371i	−5.4716+2.2969i
15.6	0.3248−0.3668i	−5.6131+4.6792i	−12.7194+13.4557i	−1.3655+1.0151i	−8.2432+5.3155i	8.3743−8.0839i	0.0265+0.0304i	−5.9776+3.4821i
15.7	0.2419−0.5084i	−5.2662+7.3202i	−11.7215+21.7689i	−1.3044+1.6217i	−8.0005+8.5783i	7.1431−12.2004i	0.0049+0.0243i	−5.8324+5.6680i
15.8	0.0733−0.5441i	−3.1411+9.3885i	−4.9873+29.4270i	−0.8458+2.1506i	−5.6005+11.2520i	3.3106−14.9979i	0.0029+0.0579i	−4.2343+7.4702i
15.9	−0.1223−0.4701i	0.4886+10.1758i	6.9567+31.2959i	−0.0138+2.3670i	−1.2914+12.4510i	−2.5927−15.3400i	−0.0067+0.0777i	−1.3571+8.2839i
16.0	−0.2202−0.3254i	3.1654+9.1400i	15.7156+27.5715i	0.6102+2.1949i	1.9688+11.4873i	−6.5133−13.0995i	0.0063+0.1224i	0.8239+7.6481i
16.1	−0.1574−0.1997i	4.5293+7.0450i	19.1974+21.7539i	0.9472+1.7786i	3.6015+9.2372i	−7.9658−9.6398i	0.0621+0.1581i	1.9407+6.1419i
16.2	−0.0998−0.1333i	5.1173+5.3660i	18.8648+17.5941i	1.0811+1.4122i	4.2805+7.3742i	−8.3074−6.9740i	0.0814+0.1548i	2.4157+4.8867i
16.3	−0.0543−0.1182i	5.0366+4.1771i	17.1921+16.6097i	1.0523+1.1696i	4.1753+6.1775i	−7.7880−5.3390i	0.0885+0.1423i	2.3554+4.0645i
16.4	−0.0104−0.0793i	4.7617+3.1021i	17.1487+18.6156i	0.9695+1.0312i	3.8178+5.2112i	−6.9935−4.0743i	0.1033+0.1686i	2.1196+3.4053i
16.5	0.0532−0.0454i	4.4691+2.4836i	20.1324+22.1678i	0.9581+1.0313i	3.5277+4.7701i	−6.3747−3.5411i	0.1509+0.2204i	1.9122+3.0992i
16.6	0.1768−0.0308i	4.2395+1.7870i	29.1446+26.1185i	1.0797+1.0489i	3.4196+4.3993i	−5.8474−3.0900i	0.2588+0.2808i	1.8095+2.8216i
16.7	0.2640−0.1277i	3.8802+1.4001i	39.6269+21.4665i	1.2541+0.9588i	3.3960+4.2832i	−5.7445−3.1082i	0.4090+0.2340i	1.7733+2.7329i
16.8	0.3141−0.2816i	3.5708+1.0365i	50.4819+11.5313i	1.4756+0.7412i	3.6912+4.0141i	−6.0591−2.9487i	0.5642+0.1123i	1.9380+2.5581i
16.9	0.2506−0.3568i	3.4057+0.7109i	52.4762−0.1090i	1.5165+0.4058i	3.7899+3.2287i	−6.5019−1.9795i	0.6123−0.0428i	1.9999+2.0569i
17.0	0.2771−0.4374i	3.1429+0.4781i	55.4681−10.0819i	1.5297+0.2014i	3.5484+3.0384i	−6.3812−1.3254i	0.6688−0.1954i	1.8489+1.9085i
17.1	0.2453−0.6153i	2.8334+0.2801i	55.6045−30.5525i	1.4897−0.1630i	3.4848+2.9077i	−5.9901−0.3129i	0.6643−0.5040i	1.7971+1.7865i
17.2	0.0007−0.8086i	2.6415+0.2670i	34.5662−53.1746i	1.1445−0.5658i	3.6985+2.5954i	−5.0760+0.1574i	0.3433−0.8312i	1.8821+1.5609i
17.3	−0.2816−0.7319i	2.5718+0.1734i	8.2257−50.4772i	0.6836−0.5760i	3.6939+2.1274i	−4.4081+0.0761i	−0.0520−0.7802i	1.8321+1.2729i
17.4	−0.3334−0.5552i	2.4688−0.0082i	1.5348−37.9654i	0.5344−0.3718i	3.4598+1.8486i	−4.2272−0.0637i	−0.1492−0.5815i	1.6713+1.1108i
17.5	−0.3464−0.4646i	2.3586−0.1841i	−1.7651−32.1302i	0.4762−0.2760i	3.2624+1.6515i	−4.1457+0.0064i	−0.1911−0.4863i	1.5313+0.9881i
17.6	−0.3597−0.4077i	2.2468−0.3347i	−5.5715−27.8094i	0.4206−0.2261i	3.1282+1.5326i	−4.0087+0.1437i	−0.2415−0.4210i	1.4271+0.9107i
17.7	−0.3495−0.3496i	2.1086−0.4818i	−7.1613−21.8336i	0.3851−0.1613i	2.9872+1.4331i	−3.8185+0.2062i	−0.2638−0.3334i	1.3128+0.8487i
17.8	−0.3388−0.3213i	1.9847−0.6406i	−6.4842−18.4659i	0.3797−0.1177i	2.8877+1.3940i	−3.7458+0.2897i	−0.2562−0.2828i	1.2368+0.8278i
17.9	−0.3405−0.2950i	1.7391−0.8390i	−6.2723−16.1290i	0.3767−0.0878i	2.8276+1.3748i	−3.6437+0.4840i	−0.2506−0.2467i	1.1745+0.8153i
18.0	−0.3487−0.2648i	1.4239−0.9180i	−6.3746−13.8929i	0.3714−0.0720i	2.8626+1.3016i	−3.4804+0.6600i	−0.2528−0.2163i	1.1670+0.7800i
18.1	−0.3507−0.2259i	1.1951−0.8653i	−5.6903−11.8911i	0.3619−0.0557i	2.8454+1.1722i	−3.2429+0.7807i	−0.2502−0.1829i	1.1329+0.7093i
18.2	−0.3535−0.1966i	1.0334−0.8521i	−4.8633−10.7561i	0.3500−0.0522i	2.8538+1.0396i	−3.0783+0.9678i	−0.2512−0.1633i	1.1192+0.6292i

18.3	-0.3401-0.1652i	0.8936-0.8272i	-4.4035-9.9782i	0.3365-0.0417i	2.8335+0.9164i	-2.8022+1.0869i	-0.2529-0.1457i	1.0883+0.5557i
18.4	-0.3188-0.1426i	0.7966-0.7546i	-4.4042-9.8465i	0.3285-0.0206i	2.7421+0.8147i	-2.4541+1.0208i	-0.2583-0.1297i	1.0056+0.4986i
18.5	-0.2863-0.1347i	0.7740-0.7706i	-4.4837-10.2108i	0.3345+0.0116i	2.6671+0.7258i	-2.1490+0.8745i	-0.2619-0.1047i	0.9252+0.4513i
18.6	-0.2650-0.1534i	0.6832-0.9041i	-6.0765-10.5408i	0.3696+0.0336i	2.6342+0.6905i	-1.9968+0.6217i	-0.2634-0.0890i	0.8766+0.4446i
18.7	-0.2854-0.1765i	0.4136-0.9547i	-7.4207-8.3222i	0.3981-0.0050i	2.6293+0.6311i	-2.1360+0.5526i	-0.2582-0.0765i	0.8624+0.4381i
18.8	-0.2917-0.1710i	0.2232-0.9082i	-6.9338-6.6510i	0.3867-0.0278i	2.6359+0.5439i	-2.0573+0.6543i	-0.2589-0.0663i	0.8612+0.3958i
18.9	-0.2984-0.1655i	0.0714-0.8348i	-6.5805-5.5025i	0.3690-0.0302i	2.6163+0.4603i	-1.8935+0.6114i	-0.2660-0.0526i	0.8313+0.3525i
19.0	-0.3098-0.1595i	-0.1041-0.7344i	-6.3086-4.9765i	0.3647-0.0280i	2.6210+0.3773i	-1.7794+0.5036i	-0.2713-0.0398i	0.8009+0.3086i
19.1	-0.3186-0.1436i	-0.1980-0.5713i	-5.8344-4.1003i	0.3731-0.0276i	2.6001+0.2500i	-1.7826+0.3685i	-0.2722-0.0146i	0.7560+0.2514i
19.2	-0.3251-0.1293i	-0.2453-0.4406i	-5.3297-3.5607i	0.3774-0.0304i	2.5493+0.1617i	-1.8057+0.2895i	-0.2665+0.0014i	0.7030+0.2206i
19.3	-0.3297-0.1185i	-0.2725-0.3282i	-4.7960-3.1830i	0.3795-0.0347i	2.5069+0.0619i	-1.8335+0.2729i	-0.2639+0.0165i	0.6452+0.1878i
19.4	-0.3380-0.1107i	-0.2890-0.2400i	-4.4823-2.9113i	0.3806-0.0426i	2.4534-0.0340i	-1.8860+0.2762i	-0.2652+0.0307i	0.5764+0.1621i
19.5	-0.3445-0.1004i	-0.3181-0.1783i	-4.0801-2.7832i	0.3859-0.0494i	2.3969-0.1260i	-1.9192+0.2851i	-0.2505+0.0473i	0.5213+0.1467i
19.6	-0.3507-0.0874i	-0.3505-0.1093i	-3.6060-3.0253i	0.3944-0.0600i	2.3486-0.2328i	-1.9343+0.3644i	-0.2418+0.0629i	0.4613+0.1258i
19.7	-0.3541-0.0778i	-0.3502-0.0366i	-3.4451-3.0393i	0.3928-0.0765i	2.2717-0.3411i	-1.9198+0.4490i	-0.2327+0.0788i	0.4094+0.1104i
19.8	-0.3618-0.0645i	-0.3439+0.0316i	-3.6565-3.0608i	0.3820-0.0929i	2.1577-0.4200i	-1.8240+0.5526i	-0.2243+0.0902i	0.3510+0.1157i
19.9	-0.3641-0.0399i	-0.3494+0.0748i	-3.7690-2.9365i	0.3779-0.0921i	2.0471-0.4230i	-1.6883+0.5571i	-0.2097+0.0957i	0.2828+0.1480i
20.0	-0.3653-0.0277i	-0.3543+0.1158i	-3.9238-2.6160i	0.3814-0.0910i	1.9623-0.4273i	-1.5639+0.4650i	-0.1992+0.0978i	0.2200+0.1646i
20.1	-0.3720-0.0258i	-0.3565+0.1665i	-3.7936-2.2801i	0.3760-0.1015i	1.8909-0.4543i	-1.5203+0.3848i	-0.1911+0.1019i	0.1634+0.1744i
20.2	-0.3743-0.0130i	-0.3450+0.2160i	-3.6412-1.7325i	0.3772-0.1162i	1.8240-0.4528i	-1.5309+0.2722i	-0.1751+0.1056i	0.1300+0.2166i
20.3	-0.3837+0.0037i	-0.3619+0.2298i	-3.3251-1.5768i	0.3834-0.1216i	1.7975-0.4329i	-1.5780+0.2319i	-0.1658+0.1043i	0.0994+0.2577i
20.4	-0.3962+0.0288i	-0.3822+0.2696i	-2.9983-1.3910i	0.3892-0.1235i	1.7665-0.4366i	-1.6380+0.2430i	-0.1611+0.1009i	0.0544+0.2950i
20.5	-0.4075+0.0498i	-0.3909+0.3136i	-2.7558-1.4471i	0.3967-0.1261i	1.7426-0.4528i	-1.6683+0.2905i	-0.1612+0.0981i	0.0161+0.3061i
20.6	-0.4005+0.0767i	-0.3863+0.3642i	-2.7677-1.2790i	0.4023-0.1415i	1.7431-0.4416i	-1.6763+0.2670i	-0.1649+0.1001i	0.0100+0.3775i
20.7	-0.3844+0.1004i	-0.3793+0.4015i	-2.6737-1.1596i	0.4020-0.1527i	1.7572-0.4280i	-1.6680+0.2499i	-0.1593+0.0969i	0.0206+0.4231i
20.8	-0.3803+0.1143i	-0.3716+0.4438i	-2.4525-1.0460i	0.4044-0.1744i	1.7635-0.4523i	-1.7191+0.2675i	-0.1529+0.0932i	0.0306+0.4564i
20.9	-0.3825+0.1344i	-0.3638+0.5086i	-2.2269-1.0868i	0.4017-0.1997i	1.7645-0.5296i	-1.7612+0.3276i	-0.1582+0.0997i	0.0416+0.4902i
21.0	-0.3882+0.1583i	-0.3864+0.5616i	-2.1216-1.1347i	0.4105-0.2220i	1.7831-0.6111i	-1.7412+0.3875i	-0.1656+0.1085i	0.0194+0.5208i
21.1	-0.3743+0.1937i	-0.3442+0.6490i	-1.9859-1.1335i	0.4030-0.2484i	1.7811-0.6580i	-1.7357+0.3700i	-0.1626+0.1176i	0.0509+0.6048i
21.2	-0.3552+0.2237i	-0.3053+0.7011i	-1.9951-1.1466i	0.3895-0.2643i	1.7794-0.7063i	-1.7154+0.4107i	-0.1674+0.1280i	0.0999+0.6566i
21.3	-0.3491+0.2677i	-0.2939+0.8200i	-1.8683-1.2072i	0.3896-0.3086i	1.7569-0.8099i	-1.6970+0.4388i	-0.1654+0.1408i	0.0941+0.7547i
21.4	-0.3269+0.2969i	-0.2327+0.8858i	-1.8213-1.2961i	0.3678-0.3391i	1.7186-0.8838i	-1.6797+0.4560i	-0.1578+0.1471i	0.1483+0.8091i
21.5	-0.2889+0.3292i	-0.1493+0.9463i	-1.7494-1.3067i	0.3464-0.3648i	1.6813-0.9346i	-1.6829+0.4543i	-0.1415+0.1570i	0.2341+0.8752i
21.6	-0.2683+0.3400i	-0.1259+0.9704i	-1.6634-1.2398i	0.3445-0.3762i	1.7018-1.0328i	-1.7195+0.4327i	-0.1426+0.1707i	0.2877+0.8824i
21.7	-0.2197+0.3363i	-0.0355+0.9530i	-1.6670-1.2848i	0.3130-0.3753i	1.6759-1.0727i	-1.7339+0.5099i	-0.1345+0.1638i	0.4301+0.8274i
21.8	-0.1701+0.3523i	0.0813+0.9956i	-1.6463-1.3180i	0.2675-0.3955i	1.5938-1.1705i	-1.7365+0.5607i	-0.1122+0.1730i	0.5585+0.8242i
21.9	-0.1407+0.3575i	0.1334+1.0083i	-1.7149-1.3413i	0.2495-0.4101i	1.5495-1.2465i	-1.7133+0.5722i	-0.1034+0.1792i	0.6162+0.8050i
22.0	-0.0917+0.3567i	0.2279+0.9854i	-1.8614-1.3386i	0.2208-0.4072i	1.4989-1.2795i	-1.6690+0.6090i	-0.0953+0.1793i	0.7296+0.7691i
22.1	-0.0523+0.3197i	0.3073+0.9105i	-1.9518-1.2438i	0.1976-0.3863i	1.4709-1.3094i	-1.6853+0.6266i	-0.0873+0.1699i	0.8400+0.6290i
22.2	-0.0319+0.2920i	0.3371+0.8656i	-1.9295-1.2239i	0.1905-0.3819i	1.4644-1.3657i	-1.6856+0.6796i	-0.0842+0.1638i	0.8957+0.5129i
22.3	0.0138+0.2691i	0.4220+0.8158i	-1.8814-1.1388i	0.1581-0.3754i	1.3955-1.4372i	-1.6450+0.7051i	-0.0758+0.1580i	0.9829+0.3964i
22.4	0.0115+0.2364i	0.4102+0.7456i	-1.8389-1.0238i	0.1580-0.3632i	1.3911-1.5091i	-1.6908+0.6819i	-0.0686+0.1578i	0.9867+0.2804i
22.5	-0.0016+0.2111i	0.3693+0.7449i	-1.8248-1.0344i	0.1736-0.3791i	1.4126-1.6930i	-1.7612+0.7605i	-0.0736+0.1644i	0.9672+0.1388i
22.6	0.0166+0.2022i	0.4265+0.7463i	-1.8782-1.0041i	0.1619-0.3793i	1.3488-1.7606i	-1.7094+0.8324i	-0.0789+0.1606i	0.9800+0.0494i
22.7	0.0158+0.1857i	0.4334+0.7289i	-1.8206-0.9994i	0.1552-0.3890i	1.2765-1.9292i	-1.6716+0.8924i	-0.0805+0.1654i	0.9324-0.0868i
22.8	0.0243+0.1858i	0.4934+0.7468i	-1.7992-0.9098i	0.1255-0.4201i	1.0796-2.0884i	-1.6658+0.9664i	-0.0690+0.1759i	0.8833-0.1652i
22.9	0.0165+0.1794i	0.5295+0.7721i	-1.7984-0.8559i	0.1112-0.4594i	0.9237-2.3412i	-1.6231+1.0434i	-0.0682+0.1847i	0.7880-0.2941i
23.0	0.0164+0.1791i	0.6027+0.8437i	-1.9220-0.7939i	0.0579-0.5258i	0.5569-2.7545i	-1.5012+1.1572i	-0.0548+0.2094i	0.6319-0.4594i
23.1	0.0283+0.1695i	0.6835+0.7886i	-1.8601-0.7895i	-0.0016-0.5059i	0.2232-2.7260i	-1.4510+1.2212i	-0.0321+0.2043i	0.5369-0.5307i
23.2	0.0371+0.1645i	0.7951+0.7572i	-1.8107-0.7962i	-0.0710-0.4951i	-0.2630-2.6651i	-1.3681+1.1903i	0.0018+0.2015i	0.3586-0.5310i
23.3	0.0397+0.1660i	0.9433+0.7122i	-1.8857-0.6729i	-0.1626-0.4779i	-0.9624-2.5598i	-1.2309+1.2018i	0.0369+0.1956i	0.0689-0.5100i
23.4	0.0416+0.1575i	0.9881+0.6231i	-1.8437-0.5989i	-0.1900-0.4382i	-1.2128-2.3449i	-1.1804+1.2513i	0.0443+0.1835i	-0.0566-0.4756i
23.5	0.0354+0.1337i	0.9722+0.4989i	-1.7766-0.5243i	-0.1946-0.3882i	-1.3013-2.0941i	-1.1544+1.2342i	0.0476+0.1663i	-0.1176-0.4629i
23.6	0.0448+0.1209i	1.0024+0.3626i	-1.7046-0.3685i	-0.2104-0.3168i	-1.4227-1.5370i	-1.1360+1.1106i	0.0505+0.1350i	-0.1610-0.2626i
23.7	0.0504+0.1099i	1.0011+0.2435i	-1.6943-0.2884i	-0.2103-0.2672i	-1.4147-1.1816i	-1.0771+1.0926i	0.0470+0.1214i	-0.1775-0.1491i
23.8	0.0457+0.1060i	0.9629+0.1429i	-1.6723-0.2965i	-0.2008-0.2272i	-1.4240-0.9158i	-1.0393+1.1047i	0.0416+0.1142i	-0.2287-0.0773i
23.9	0.0412+0.1025i	0.9070+0.0698i	-1.6177-0.2588i	-0.1831-0.2011i	-1.2931-0.7249i	-1.0477+1.1212i	0.0361+0.1079i	-0.1931-0.0153i
24.0	0.0402+0.0949i	0.8699-0.0038i	-1.5490-0.2053i	-0.1758-0.1829i	-1.2251-0.5717i	-0.9744+1.1639i	0.0329+0.1022i	-0.2007+0.0291i
24.1	0.0346+0.0883i	0.8267-0.0435i	-1.4366-0.2419i	-0.1644-0.1754i	-1.1235-0.4940i	-0.9662+1.2148i	0.0261+0.1027i	-0.1874+0.0462i
24.2	0.0290+0.0799i	0.7733-0.0903i	-1.3233-0.1940i	-0.1490-0.1556i	-1.0491-0.3272i	-0.9763+1.2038i	0.0240+0.0968i	-0.1834+0.1100i
24.3	0.0278+0.0797i	0.7305-0.1521i	-1.3545-0.1760i	-0.1402-0.1364i	-0.9384-0.1758i	-0.9313+1.1954i	0.0244+0.0939i	-0.1502+0.1789i
24.4	0.0260+0.0713i	0.6722-0.1751i	-1.3318-0.1496i	-0.1288-0.1300i	-0.8469-0.1314i	-0.8874+1.1962i	0.0218+0.0905i	-0.1206+0.1871i
24.5	0.0209+0.0706i	0.6156-0.1978i	-1.2092-0.1706i	-0.1238-0.1274i	-0.7865-0.0951i	-0.8366+1.2573i	0.0248+0.0859i	-0.1131+0.1847i

24.6	0.0227+0.0686i	0.5706-0.2288i	-1.1315-0.2350i	-0.1178-0.1162i	-0.6955+0.0073i	-0.7633+1.2138i	0.0273+0.0918i	-0.0859+0.2422i
24.7	0.0217+0.0608i	0.5082-0.2443i	-1.1161-0.2190i	-0.1096-0.1076i	-0.5965-0.0007i	-0.7108+1.1863i	0.0283+0.0870i	-0.0415+0.2234i
24.8	0.0170+0.0732i	0.4577-0.2320i	-1.1122-0.2219i	-0.1120-0.1051i	-0.5566+0.0194i	-0.6640+1.2242i	0.0278+0.0795i	-0.0456+0.2253i
24.9	0.0162+0.0752i	0.4312-0.2210i	-1.0916-0.2025i	-0.1059-0.1060i	-0.5198+0.0229i	-0.6481+1.2567i	0.0279+0.0720i	-0.0475+0.2123i
25.0	0.0145+0.0720i	0.3786-0.2090i	-1.0425-0.2150i	-0.0913-0.0958i	-0.4885+0.0101i	-0.5750+1.2180i	0.0264+0.0634i	-0.0666+0.1860i
25.1	0.0132+0.0686i	0.3449-0.2110i	-1.0431-0.2245i	-0.0862-0.0888i	-0.4560+0.0155i	-0.4996+1.1636i	0.0260+0.0554i	-0.0714+0.1765i
25.2	0.0116+0.0683i	0.3235-0.2016i	-1.0220-0.1957i	-0.0889-0.0832i	-0.4109+0.0299i	-0.4811+1.1134i	0.0263+0.0512i	-0.0547+0.1744i
25.3	0.0232+0.0678i	0.3205-0.2161i	-1.0441-0.1571i	-0.0847-0.0744i	-0.3823+0.0428i	-0.4074+1.0872i	0.0250+0.0483i	-0.0488+0.1754i
25.4	0.0363+0.0612i	0.2960-0.2159i	-1.0527-0.1623i	-0.0773-0.0689i	-0.3642+0.0340i	-0.3295+1.0090i	0.0165+0.0459i	-0.0676+0.1636i
25.5	0.0362+0.0628i	0.2765-0.2119i	-1.0670-0.1648i	-0.0708-0.0645i	-0.3435+0.0381i	-0.3262+0.9810i	0.0101+0.0439i	-0.0764+0.1568i
25.6	0.0371+0.0634i	0.2653-0.2189i	-1.0451-0.0910i	-0.0604-0.0610i	-0.3227+0.0507i	-0.3148+0.9527i	0.0124+0.0413i	-0.0829+0.1627i
25.7	0.0336+0.0483i	0.2303-0.2341i	-0.9280-0.0526i	-0.0505-0.0560i	-0.3092+0.0691i	-0.3288+0.8584i	0.0096+0.0357i	-0.1003+0.1663i
25.8	0.0253+0.0346i	0.1887-0.2217i	-0.8534-0.0360i	-0.0488-0.0528i	-0.3022+0.0750i	-0.3457+0.7841i	0.0013+0.0323i	-0.1282+0.1649i
25.9	0.0311+0.0337i	0.1850-0.2253i	-0.8577-0.0499i	-0.0486-0.0578i	-0.2903+0.0984i	-0.3318+0.7989i	-0.0061+0.0310i	-0.1409+0.1857i
26.0	0.0273+0.0285i	0.1676-0.2273i	-0.7572-0.0190i	-0.0451-0.0597i	-0.2703+0.1165i	-0.3586+0.7519i	-0.0131+0.0350i	-0.1439+0.2069i
26.1	0.0180+0.0297i	0.1352-0.2207i	-0.6412-0.0560i	-0.0377-0.0546i	-0.2502+0.1237i	-0.4246+0.7187i	-0.0165+0.0321i	-0.1519+0.2206i
26.2	0.0028+0.0331i	0.1011-0.2018i	-0.5889-0.1105i	-0.0203-0.0517i	-0.2616+0.1192i	-0.5221+0.7274i	-0.0295+0.0336i	-0.2005+0.2249i
26.3	0.0038+0.0389i	0.0870-0.1870i	-0.5689-0.1861i	-0.0185-0.0528i	-0.2402+0.1275i	-0.5378+0.7439i	-0.0344+0.0385i	-0.2194+0.2414i
26.4	-0.0030+0.0475i	0.0749-0.1777i	-0.5405-0.2095i	-0.0170-0.0533i	-0.2415+0.1426i	-0.5443+0.7763i	-0.0343+0.0418i	-0.2358+0.2765i
26.5	-0.0083+0.0486i	0.0616-0.1674i	-0.5350-0.2798i	-0.0113-0.0571i	-0.2272+0.1576i	-0.5803+0.8201i	-0.0411+0.0447i	-0.2450+0.3068i
26.6	-0.0021+0.0581i	0.0315-0.1617i	-0.5281-0.3267i	-0.0076-0.0579i	-0.2018+0.2020i	-0.5735+0.8428i	-0.0452+0.0562i	-0.2445+0.3663i
26.7	0.0081+0.0653i	0.0098-0.1563i	-0.5506-0.4102i	-0.0019-0.0619i	-0.1900+0.2237i	-0.5566+0.8948i	-0.0494+0.0614i	-0.2507+0.4080i
26.8	0.0245+0.0675i	-0.0196-0.1555i	-0.6297-0.3996i	0.0130-0.0651i	-0.1822+0.2476i	-0.5478+0.9266i	-0.0459+0.0603i	-0.2441+0.4472i
26.9	0.0284+0.0603i	-0.0517-0.1451i	-0.6508-0.3154i	0.0242-0.0750i	-0.1492+0.2907i	-0.5350+0.9748i	-0.0419+0.0642i	-0.2227+0.5048i
27.0	0.0351+0.0549i	-0.0557-0.1138i	-0.6138-0.3307i	0.0296-0.0791i	-0.1086+0.3281i	-0.5047+1.0461i	-0.0418+0.0734i	-0.2056+0.5516i
27.1	0.0403+0.0540i	-0.0755-0.0882i	-0.5696-0.3946i	0.0327-0.0894i	-0.0519+0.3570i	-0.4739+1.0961i	-0.0421+0.0792i	-0.1672+0.5994i
27.2	0.0515+0.0582i	-0.0880-0.0547i	-0.5499-0.3886i	0.0297-0.1081i	0.0537+0.3762i	-0.3586+1.1671i	-0.0318+0.0852i	-0.0578+0.6666i
27.3	0.0626+0.0552i	-0.0931-0.0415i	-0.5710-0.4332i	0.0275-0.1160i	0.1173+0.3787i	-0.2715+1.2178i	-0.0265+0.0893i	0.0032+0.6990i
27.4	0.0765+0.0396i	-0.1011-0.0150i	-0.5913-0.4574i	0.0237-0.1250i	0.2073+0.3491i	-0.1512+1.1992i	-0.0167+0.0952i	0.1069+0.7110i
27.5	0.0809+0.0289i	-0.1014+0.0028i	-0.5524-0.4810i	0.0155-0.1336i	0.2792+0.2910i	-0.0657+1.1810i	-0.0059+0.0950i	0.1987+0.6727i
27.6	0.0823+0.0136i	-0.1022+0.0482i	-0.5630-0.5332i	0.0045-0.1532i	0.3485+0.1845i	0.0385+1.1419i	0.0027+0.0880i	0.2890+0.5914i
27.7	0.0779-0.0054i	-0.0973+0.0720i	-0.5748-0.5494i	-0.0071-0.1569i	0.3734+0.0911i	0.1323+1.0807i	0.0028+0.0836i	0.3323+0.5171i
27.8	0.0769-0.0294i	-0.0904+0.0949i	-0.6231-0.5596i	-0.0239-0.1559i	0.3712-0.0256i	0.2227+0.9849i	0.0069+0.0788i	0.3706+0.4060i
27.9	0.0647-0.0455i	-0.0765+0.1191i	-0.6933-0.5553i	-0.0338-0.1573i	0.3362-0.0990i	0.2681+0.9144i	0.0112+0.0732i	0.3681+0.3426i
28.0	0.0463-0.0590i	-0.0499+0.1383i	-0.7635-0.5615i	-0.0499-0.1529i	0.2576-0.1737i	0.3203+0.8058i	0.0121+0.0645i	0.3431+0.2663i
28.1	0.0239-0.0621i	-0.0306+0.1470i	-0.7620-0.5466i	-0.0610-0.1444i	0.1704-0.1893i	0.3300+0.7100i	0.0089+0.0592i	0.2871+0.2244i
28.2	0.0021-0.0612i	-0.0040+0.1476i	-0.8176-0.5380i	-0.0783-0.1346i	0.1004-0.1905i	0.3334+0.6252i	0.0130+0.0573i	0.2508+0.1986i
28.3	-0.0105-0.0583i	0.0140+0.1435i	-0.8401-0.5201i	-0.0836-0.1271i	0.0580-0.1785i	0.3121+0.5507i	0.0104+0.0506i	0.2296+0.1777i
28.4	-0.0167-0.0506i	0.0356+0.1298i	-0.8265-0.5047i	-0.0862-0.1105i	0.0244-0.1528i	0.3260+0.4661i	0.0091+0.0416i	0.1916+0.1570i
28.5	-0.0291-0.0377i	0.0565+0.1302i	-0.8768-0.4972i	-0.0898-0.0973i	0.0043-0.1235i	0.2925+0.3938i	-0.0005+0.0421i	0.1699+0.1512i
28.6	-0.0285-0.0324i	0.0596+0.1167i	-0.8773-0.4624i	-0.0863-0.0859i	-0.0068-0.1030i	0.2618+0.3481i	-0.0029+0.0351i	0.1553+0.1464i
28.7	-0.0253-0.0212i	0.0573+0.0970i	-0.8471-0.4207i	-0.0902-0.0712i	-0.0138-0.0794i	0.2435+0.2990i	-0.0027+0.0298i	0.1489+0.1365i
28.8	-0.0337-0.0172i	0.0639+0.0923i	-0.8506-0.4184i	-0.0886-0.0679i	-0.0146-0.0626i	0.1896+0.2659i	-0.0029+0.0325i	0.1361+0.1369i
28.9	-0.0345-0.0188i	0.0612+0.0786i	-0.8525-0.3407i	-0.0860-0.0623i	-0.0138-0.0523i	0.1588+0.2183i	-0.0070+0.0335i	0.1244+0.1279i
29.0	-0.0337-0.0154i	0.0545+0.0703i	-0.8736-0.3125i	-0.0779-0.0517i	-0.0125-0.0417i	0.1270+0.1811i	-0.0111+0.0331i	0.1095+0.1216i
29.1	-0.0371-0.0170i	0.0450+0.0551i	-0.7836-0.3033i	-0.0681-0.0376i	-0.0138-0.0433i	0.0980+0.1469i	-0.0091+0.0231i	0.0871+0.0887i
29.2	-0.0317-0.0170i	0.0403+0.0418i	-0.7808-0.3333i	-0.0612-0.0427i	-0.0092-0.0321i	0.0913+0.1410i	-0.0197+0.0233i	0.0718+0.0861i
29.3	-0.0311-0.0108i	0.0429+0.0444i	-0.8039-0.3433i	-0.0560-0.0458i	-0.0112-0.0122i	0.0513+0.1310i	-0.0284+0.0280i	0.0587+0.1104i
29.4	-0.0323-0.0059i	0.0503+0.0464i	-0.8309-0.3320i	-0.0542-0.0460i	-0.0177+0.0023i	0.0159+0.1483i	-0.0230+0.0267i	0.0459+0.1251i
29.5	-0.0250+0.0042i	0.0308+0.0343i	-0.8009-0.3113i	-0.0494-0.0335i	-0.0101-0.0075i	0.0209+0.1298i	-0.0336+0.0207i	0.0166+0.0962i
29.6	-0.0298+0.0036i	0.0157+0.0243i	-0.7990-0.2899i	-0.0418-0.0293i	0.0041-0.0139i	-0.0075+0.1257i	-0.0405+0.0148i	0.0038+0.0702i
29.7	-0.0325+0.0044i	0.0227+0.0139i	-0.8213-0.2827i	-0.0405-0.0194i	0.0047-0.0148i	-0.0357+0.1208i	-0.0409+0.0145i	0.0032+0.0523i
29.8	-0.0392+0.0020i	0.0201+0.0252i	-0.7676-0.2634i	-0.0405-0.0163i	0.0012-0.0028i	-0.0648+0.1016i	-0.0416+0.0143i	-0.0157+0.0728i
29.9	-0.0423-0.0100i	-0.0038+0.0021i	-0.7322-0.2487i	-0.0289-0.0321i	-0.0015+0.0077i	-0.0863+0.0563i	-0.0541+0.0148i	-0.0587+0.0880i
30.0	-0.0266-0.0129i	0.0092+0.0064i	-0.8091-0.2232i	-0.0207-0.0321i	-0.0047-0.0025i	-0.0536+0.0440i	-0.0535+0.0139i	-0.0692+0.0788i
30.1	-0.0329+0.0001i	-0.0224+0.0264i	-0.7870-0.2313i	-0.0110-0.0298i	0.0090+0.0045i	-0.0696+0.0688i	-0.0595+0.0165i	-0.0818+0.0845i
30.2	-0.0268+0.0002i	-0.0436+0.0208i	-0.7564-0.2298i	-0.0026-0.0274i	0.0099+0.0112i	-0.0706+0.0797i	-0.0625+0.0211i	-0.1177+0.0883i
30.3	-0.0323+0.0043i	-0.0656+0.0301i	-0.7530-0.2645i	0.0000-0.0247i	0.0023+0.0118i	-0.0997+0.0923i	-0.0690+0.0203i	-0.1496+0.0857i
30.4	-0.0403+0.0077i	-0.0864+0.0148i	-0.7141-0.2368i	0.0120-0.0210i	-0.0037+0.0146i	-0.1307+0.0602i	-0.0803+0.0177i	-0.1801+0.0933i
30.5	-0.0438-0.0010i	-0.0918-0.0014i	-0.7771-0.2124i	0.0144-0.0279i	0.0037+0.0227i	-0.1192+0.0208i	-0.0865+0.0190i	-0.1910+0.1019i
30.6	-0.0486-0.0142i	-0.0727+0.0110i	-0.7845-0.1568i	0.0125-0.0352i	0.0117+0.0247i	-0.1532-0.0198i	-0.0930+0.0257i	-0.1957+0.1199i
30.7	-0.0444-0.0255i	-0.0830+0.0242i	-0.7683-0.1262i	0.0249-0.0388i	0.0095+0.0190i	-0.1379-0.0543i	-0.1035+0.0243i	-0.2417+0.1368i
30.8	-0.0317-0.0072i	-0.1053+0.0360i	-0.7568-0.1441i	0.0480-0.0362i	0.0051+0.0185i	-0.1299-0.0127i	-0.1093+0.0239i	-0.2950+0.1319i

30.9	-0.0320+0.0016i	-0.1402+0.0454i	-0.7779-0.1825i	0.0566-0.0498i	0.0096+0.0294i	-0.1157+0.0060i	-0.1132+0.0363i	-0.3172+0.1710i
31.0	-0.0326-0.0028i	-0.1658+0.0539i	-0.7559-0.2137i	0.0676-0.0607i	0.0053+0.0329i	-0.1081-0.0031i	-0.1259+0.0394i	-0.3766+0.1930i
31.1	-0.0201+0.0018i	-0.1899+0.0915i	-0.8145-0.1734i	0.0776-0.0680i	0.0013+0.0384i	-0.0818+0.0045i	-0.1403+0.0496i	-0.4284+0.2429i
31.2	-0.0304-0.0189i	-0.1730+0.1071i	-0.7715-0.1251i	0.0853-0.0880i	-0.0127+0.0520i	-0.1377-0.0743i	-0.1453+0.0605i	-0.4614+0.3039i
31.3	-0.0335-0.0153i	-0.1886+0.1242i	-0.7252-0.1165i	0.0978-0.0942i	-0.0092+0.0455i	-0.1612-0.0901i	-0.1506+0.0680i	-0.4978+0.3297i
31.4	-0.0288-0.0013i	-0.2384+0.1426i	-0.7696-0.1340i	0.1267-0.1076i	0.0023+0.0615i	-0.1070-0.0336i	-0.1669+0.0913i	-0.5675+0.4183i
31.5	-0.0309-0.0089i	-0.2421+0.1693i	-0.7534-0.1616i	0.1308-0.1578i	0.0122+0.0991i	-0.1258-0.0373i	-0.1666+0.1322i	-0.5627+0.6015i
31.6	-0.0478-0.0232i	-0.1920+0.2503i	-0.6731-0.0966i	0.0821-0.2070i	0.0324+0.1241i	-0.1864-0.1502i	-0.1455+0.1627i	-0.4372+0.7588i
31.7	-0.0528-0.0301i	-0.1972+0.2639i	-0.6249-0.0478i	0.0566-0.2340i	0.0514+0.1397i	-0.1901-0.1790i	-0.1270+0.1767i	-0.3518+0.8553i
31.8	-0.0473-0.0302i	-0.1892+0.2918i	-0.6222-0.0938i	0.0375-0.2478i	0.0797+0.1308i	-0.2003-0.2059i	-0.1081+0.1838i	-0.2667+0.8949i
31.9	-0.0364-0.0260i	-0.1436+0.3476i	-0.6507-0.0903i	0.0320-0.2767i	0.0706+0.1171i	-0.2061-0.2088i	-0.1107+0.2130i	-0.2507+0.9946i
32.0	-0.0421-0.0280i	-0.1183+0.3369i	-0.6098+0.0167i	-0.0217-0.2445i	0.1300+0.1016i	-0.1703-0.2637i	-0.0684+0.1920i	-0.0282+0.8855i
32.1	-0.0672-0.0277i	-0.1416+0.3160i	-0.5709+0.0301i	-0.0672-0.2256i	0.1763+0.1048i	-0.1960-0.2782i	-0.0396+0.1875i	0.1047+0.8580i
32.2	-0.0602-0.0399i	-0.1110+0.3951i	-0.6316-0.0038i	-0.0961-0.2664i	0.1823+0.1076i	-0.1918-0.3415i	-0.0142+0.2116i	0.1950+0.9831i
32.3	-0.0589-0.0305i	-0.1025+0.4266i	-0.6218-0.0390i	-0.0909-0.2606i	0.1825+0.0804i	-0.2316-0.3777i	-0.0187+0.2080i	0.1815+0.9576i
32.4	-0.0766-0.0248i	-0.0765+0.4220i	-0.5193-0.0980i	-0.1453-0.2457i	0.2398+0.0699i	-0.2794-0.4048i	0.0342+0.1945i	0.4255+0.9157i
32.5	-0.0839-0.0460i	0.0202+0.5182i	-0.5180-0.0477i	-0.1905-0.2435i	0.2482+0.0232i	-0.3951-0.5443i	0.0608+0.1704i	0.6046+0.8695i
32.6	-0.0933-0.0433i	0.0797+0.5411i	-0.4766+0.0082i	-0.1878-0.1941i	0.2356-0.0442i	-0.5400-0.6359i	0.0530+0.1260i	0.6012+0.6698i
32.7	-0.0983-0.0320i	0.0813+0.5385i	-0.4287-0.0022i	-0.2188-0.1366i	0.2600-0.0842i	-0.5918-0.6869i	0.0678+0.0792i	0.7148+0.4681i
32.8	-0.0908-0.0236i	0.1174+0.5429i	-0.3943-0.0580i	-0.2000-0.1093i	0.2377-0.1192i	-0.6779-0.6621i	0.0520+0.0573i	0.6572+0.3604i
32.9	-0.0906-0.0233i	0.2094+0.5089i	-0.4736-0.0431i	-0.1962-0.1052i	0.1947-0.1391i	-0.7605-0.5702i	0.0382+0.0489i	0.6151+0.2975i
33.0	-0.0957-0.0162i	0.2502+0.4784i	-0.5333+0.0159i	-0.1850-0.0817i	0.1726-0.1606i	-0.8000-0.4979i	0.0028+0.0303i	0.5481+0.1868i
33.1	-0.1000-0.0131i	0.2665+0.4578i	-0.4925-0.0011i	-0.1700-0.0704i	0.1456-0.1670i	-0.8745-0.4763i	-0.0271+0.0234i	0.4605+0.1497i
33.2	-0.0954-0.0373i	0.3048+0.4350i	-0.4060+0.0112i	-0.1733-0.0760i	0.1174-0.1720i	-0.9147-0.5076i	-0.0311+0.0111i	0.4347+0.1076i
33.3	-0.1028-0.0451i	0.3429+0.3830i	-0.3063+0.0541i	-0.1619-0.0820i	0.0840-0.1618i	-0.9819-0.4219i	-0.0530+0.0237i	0.3497+0.1226i
33.4	-0.1120-0.0444i	0.3655+0.3428i	-0.3627+0.0548i	-0.1510-0.0854i	0.0718-0.1500i	-1.0226-0.3501i	-0.0792+0.0249i	0.2668+0.1270i
33.5	-0.1274-0.0499i	0.3570+0.2856i	-0.3466+0.0559i	-0.1797-0.0766i	0.0653-0.1437i	-1.0456-0.3823i	-0.0742+0.0250i	0.3152+0.0889i
33.6	-0.1384-0.0512i	0.3819+0.2507i	-0.1994-0.0320i	-0.1903-0.0819i	0.0413-0.1454i	-1.1347-0.3130i	-0.0827+0.0483i	0.3128+0.1275i
33.7	-0.1685-0.0539i	0.4026+0.2186i	-0.0962-0.1196i	-0.1868-0.0681i	0.0315-0.1400i	-1.2152-0.2417i	-0.1026+0.0638i	0.2683+0.1341i
33.8	-0.1995-0.0392i	0.3927+0.1746i	-0.0302-0.1636i	-0.1835-0.0535i	0.0204-0.1400i	-1.3487-0.1692i	-0.1186+0.0953i	0.2202+0.1462i
33.9	-0.2222-0.0449i	0.3979+0.1645i	-0.0176-0.2330i	-0.1872-0.0580i	0.0136-0.1425i	-1.4746-0.1481i	-0.1103+0.1074i	0.2564+0.1378i
34.0	-0.2558-0.0075i	0.4357+0.1256i	0.0315-0.3786i	-0.1678-0.0481i	-0.0198-0.1390i	-1.6542+0.1374i	-0.1211+0.1230i	0.1908+0.1252i
34.1	-0.2782+0.0656i	0.4392+0.0212i	0.0202-0.5460i	-0.1471-0.0371i	-0.0652-0.1158i	-1.7162+0.6063i	-0.1443+0.1602i	0.0702+0.1511i
34.2	-0.2413+0.1081i	0.4036-0.0832i	-0.1417-0.6587i	-0.1452-0.0629i	-0.0818-0.0673i	-1.4413+1.0025i	-0.1062+0.1862i	0.0876+0.2268i
34.3	-0.2043+0.1185i	0.3015-0.1062i	-0.3068-0.6247i	-0.1633-0.0718i	-0.0569-0.0292i	-1.0261+1.0361i	-0.0774+0.1807i	0.1372+0.2521i
34.4	-0.1885+0.1273i	0.2062-0.1411i	-0.3788-0.6016i	-0.1936-0.0435i	-0.0240-0.0050i	-0.6869+0.9417i	-0.0683+0.1686i	0.1728+0.2128i
34.5	-0.1728+0.1301i	0.0992-0.1176i	-0.4112-0.6004i	-0.1893-0.0142i	0.0126+0.0050i	-0.4628+0.7829i	-0.0801+0.1591i	0.1517+0.1881i
34.6	-0.1491+0.1137i	0.0635-0.0482i	-0.4256-0.4958i	-0.1783-0.0241i	0.0273-0.0108i	-0.3944+0.6136i	-0.0704+0.1566i	0.1540+0.1975i
34.7	-0.1517+0.1178i	0.0345-0.0320i	-0.3988-0.4668i	-0.1861-0.0225i	0.0423-0.0075i	-0.3428+0.5353i	-0.0681+0.1585i	0.1606+0.2087i
34.8	-0.1527+0.1269i	0.0312+0.0242i	-0.4252-0.5155i	-0.1746-0.0223i	0.0519-0.0213i	-0.3718+0.4889i	-0.0783+0.1745i	0.1334+0.2400i
34.9	-0.1494+0.1466i	0.0400+0.0836i	-0.4760-0.5628i	-0.1482-0.0074i	0.0488-0.0378i	-0.4390+0.4429i	-0.0776+0.1943i	0.1127+0.2351i
35.0	-0.1562+0.1587i	0.0254+0.1251i	-0.4258-0.5511i	-0.1514+0.0062i	0.0549-0.0587i	-0.4461+0.3693i	-0.0768+0.2057i	0.1214+0.2350i
35.1	-0.1715+0.1621i	0.0160+0.1557i	-0.3946-0.5609i	-0.1655+0.0089i	0.0695-0.0746i	-0.4384+0.3202i	-0.0881+0.2224i	0.1111+0.2476i
35.2	-0.1467+0.1535i	0.0418+0.1653i	-0.4581-0.5178i	-0.1623+0.0056i	0.0594-0.0786i	-0.3864+0.3016i	-0.0684+0.2248i	0.1213+0.2513i
35.3	-0.1312+0.1448i	0.0679+0.1971i	-0.4693-0.5297i	-0.1504+0.0076i	0.0535-0.0903i	-0.3840+0.2451i	-0.0491+0.2239i	0.1270+0.2483i
35.4	-0.1147+0.1753i	0.0869+0.2175i	-0.5348-0.5954i	-0.1418+0.0185i	0.0445-0.1041i	-0.3663+0.2225i	-0.0213+0.2495i	0.1503+0.2744i
35.5	-0.1413+0.1867i	0.0896+0.2075i	-0.4489-0.6143i	-0.1713+0.0345i	0.0375-0.1147i	-0.3775+0.1684i	-0.0404+0.2552i	0.1484+0.2672i
35.6	-0.1254+0.1671i	0.1353+0.2267i	-0.5593-0.5511i	-0.1581+0.0205i	0.0403-0.1136i	-0.3828+0.1280i	-0.0230+0.2440i	0.1547+0.2818i
35.7	-0.1225+0.1649i	0.2086+0.2155i	-0.5608-0.5506i	-0.1793+0.0309i	0.0169-0.1065i	-0.3698+0.0681i	-0.0047+0.2310i	0.1990+0.2421i
35.8	-0.1008+0.1644i	0.2136+0.2160i	-0.5628-0.5150i	-0.1754+0.0322i	0.0046-0.1068i	-0.3574+0.0592i	0.0172+0.2338i	0.2081+0.2439i
35.9	-0.0907+0.1613i	0.2201+0.2081i	-0.5937-0.4604i	-0.1773+0.0298i	-0.0020-0.1063i	-0.3719+0.0360i	0.0277+0.2273i	0.2216+0.2483i
36.0	-0.1017+0.1593i	0.2397+0.1942i	-0.5649-0.4345i	-0.1856+0.0303i	-0.0098-0.1064i	-0.3595+0.0085i	0.0286+0.2172i	0.2345+0.2440i
36.1	-0.1156+0.1619i	0.2544+0.1556i	-0.5336-0.5053i	-0.1988+0.0549i	-0.0149-0.0937i	-0.3751-0.0370i	0.0213+0.2124i	0.2405+0.2171i
36.2	-0.1061+0.1826i	0.2665+0.1479i	-0.5701-0.5594i	-0.1889+0.0883i	-0.0200-0.0954i	-0.4558-0.0734i	0.0252+0.2355i	0.2288+0.2037i
36.3	-0.0731+0.1880i	0.2501+0.1338i	-0.6395-0.5121i	-0.1629+0.0851i	-0.0223-0.1014i	-0.4580-0.0762i	0.0433+0.2233i	0.2254+0.1944i
36.4	-0.0816+0.1849i	0.2304+0.1089i	-0.6111-0.5038i	-0.1600+0.0798i	-0.0090-0.0985i	-0.4513-0.1146i	0.0278+0.2196i	0.2070+0.1916i
36.5	-0.1000+0.1960i	0.2283+0.1070i	-0.5783-0.5371i	-0.1849+0.0944i	-0.0147-0.1017i	-0.4524-0.1656i	0.0327+0.2284i	0.2178+0.1967i
36.6	-0.0910+0.2194i	0.2392+0.0849i	-0.6370-0.5730i	-0.1650+0.1193i	-0.0329-0.1037i	-0.5169-0.1723i	0.0562+0.2431i	0.2184+0.1889i
36.7	-0.0798+0.2150i	0.2351+0.0883i	-0.6952-0.5460i	-0.1599+0.1317i	-0.0339-0.1034i	-0.5254-0.1969i	0.0613+0.2393i	0.2140+0.1777i
36.8	-0.0482+0.2040i	0.2368+0.0960i	-0.7779-0.4983i	-0.1331+0.1277i	-0.0338-0.1031i	-0.5453-0.2417i	0.0743+0.2366i	0.2190+0.1912i
36.9	-0.0652+0.2102i	0.2560+0.0937i	-0.7631-0.4818i	-0.1465+0.1314i	-0.0526-0.1077i	-0.6090-0.2969i	0.0804+0.2348i	0.2391+0.1773i
37.0	-0.0943+0.2000i	0.2643+0.0820i	-0.6715-0.4403i	-0.1790+0.1267i	-0.0638-0.1232i	-0.6449-0.3294i	0.0658+0.2320i	0.2474+0.1776i
37.1	-0.0748+0.2013i	0.2819+0.0958i	-0.7155-0.4535i	-0.1722+0.1440i	-0.0766-0.1305i	-0.7168-0.3685i	0.0761+0.2477i	0.2536+0.1804i

37.2	-0.0540+0.2222i	0.2846+0.0791i	-0.7669-0.4603i	-0.1404+0.1690i	-0.0954-0.1116i	-0.8060-0.3723i	0.1020+0.2447i	0.2606+0.1461i
37.3	-0.0513+0.2006i	0.2937+0.0692i	-0.7068-0.4098i	-0.1285+0.1466i	-0.1082-0.1019i	-0.8903-0.3527i	0.1065+0.2184i	0.2577+0.1470i
37.4	-0.0022+0.2075i	0.2931+0.1599i	-0.8581-0.3888i	-0.0711+0.1583i	-0.1323-0.1268i	-0.9850-0.4572i	0.1678+0.2225i	0.2680+0.1652i
37.5	-0.0259+0.2184i	0.2803+0.1069i	-0.8879-0.4676i	-0.0829+0.1719i	-0.1237-0.0995i	-0.9819-0.3923i	0.1538+0.2221i	0.2545+0.1354i
37.6	-0.0638+0.2097i	0.3061+0.0356i	-0.7865-0.4772i	-0.1103+0.1683i	-0.1304-0.0580i	-1.0344-0.3033i	0.1311+0.1963i	0.2685+0.0863i
37.7	-0.0523+0.2153i	0.2742+0.0047i	-0.7848-0.4581i	-0.0974+0.1760i	-0.1244-0.0498i	-1.0711-0.2081i	0.1297+0.1883i	0.2460+0.0737i
37.8	-0.0500+0.2312i	0.2980+0.0035i	-0.7856-0.4441i	-0.0940+0.1858i	-0.1403-0.0459i	-1.1273-0.1795i	0.1390+0.2018i	0.2599+0.0725i
37.9	-0.0645+0.2406i	0.3220-0.0051i	-0.7477-0.4878i	-0.1109+0.2000i	-0.1522-0.0182i	-1.1483-0.1362i	0.1544+0.1887i	0.2876+0.0445i
38.0	-0.0703+0.2408i	0.3070-0.0034i	-0.7903-0.4620i	-0.0966+0.1948i	-0.1265-0.0068i	-1.1913-0.0975i	0.1524+0.1675i	0.2630+0.0287i
38.1	-0.0795+0.2485i	0.3002-0.0212i	-0.7601-0.4137i	-0.0867+0.2063i	-0.1335+0.0067i	-1.2432-0.0693i	0.1423+0.1659i	0.2504+0.0131i
38.2	-0.0964+0.2574i	0.3125-0.0382i	-0.7103-0.4442i	-0.0979+0.2177i	-0.1402+0.0117i	-1.2703-0.0573i	0.1289+0.1683i	0.2467-0.0030i
38.3	-0.0949+0.2763i	0.3088-0.0655i	-0.6793-0.4633i	-0.0991+0.2409i	-0.1387+0.0288i	-1.2959-0.0174i	0.1335+0.1704i	0.2485-0.0322i
38.4	-0.0947+0.3200i	0.3210-0.0929i	-0.7062-0.5322i	-0.0860+0.2837i	-0.1206+0.0315i	-1.3493+0.0387i	0.1167+0.1849i	0.2216-0.0434i
38.5	-0.0835+0.3510i	0.3187-0.1019i	-0.7319-0.5638i	-0.0708+0.2965i	-0.1094+0.0455i	-1.3512+0.1207i	0.1152+0.1741i	0.2019-0.0679i
38.6	-0.0368+0.3476i	0.2820-0.1006i	-0.8091-0.4730i	-0.0118+0.2796i	-0.0937+0.0429i	-1.3102+0.1736i	0.1386+0.1511i	0.1600-0.0776i
38.7	0.0124+0.3912i	0.2519-0.1171i	-0.8614-0.4634i	0.0297+0.3293i	-0.0815+0.0656i	-1.2322+0.2516i	0.1545+0.1523i	0.1353-0.1171i
38.8	0.0152+0.4248i	0.2825-0.1451i	-0.7956-0.5653i	0.0179+0.3666i	-0.0995+0.0850i	-1.2875+0.2923i	0.1634+0.1687i	0.1563-0.1434i
38.9	0.0506+0.4335i	0.2727-0.1557i	-0.8302-0.5545i	0.0564+0.3595i	-0.0791+0.0995i	-1.2861+0.3496i	0.1664+0.1711i	0.1222-0.1416i
39.0	0.0938+0.4218i	0.2342-0.1522i	-0.9557-0.5226i	0.1049+0.3422i	-0.0539+0.0977i	-1.2089+0.3667i	0.1783+0.1548i	0.0835-0.1495i
39.1	0.1395+0.4106i	0.2105-0.1624i	-0.9440-0.4943i	0.1381+0.3310i	-0.0451+0.0986i	-1.1381+0.3612i	0.1849+0.1564i	0.0538-0.1367i
39.2	0.1764+0.3599i	0.2070-0.1361i	-0.9306-0.4249i	0.1688+0.2855i	-0.0263+0.0757i	-1.0919+0.3648i	0.1711+0.1449i	0.0073-0.1009i
39.3	0.1794+0.3451i	0.1882-0.1178i	-0.9956-0.4185i	0.1839+0.2749i	-0.0091+0.0784i	-1.0752+0.3310i	0.1722+0.1363i	-0.0156-0.0983i
39.4	0.2208+0.3392i	0.1846-0.1639i	-1.0360-0.4120i	0.2417+0.2600i	0.0304+0.0998i	-1.0186+0.3927i	0.1921+0.1127i	-0.0518-0.1188i
39.5	0.2421+0.2789i	0.1776-0.1397i	-0.9570-0.4002i	0.2522+0.1979i	0.0521+0.0416i	-0.9487+0.2658i	0.1548+0.1110i	-0.0960-0.0614i
39.6	0.2498+0.2692i	0.1732-0.1254i	-0.9964-0.3286i	0.2525+0.1859i	0.0252+0.0485i	-0.9757+0.2852i	0.1913+0.1129i	-0.0641-0.0455i
39.7	0.2712+0.2741i	0.1683-0.1286i	-1.0987-0.3331i	0.2911+0.2089i	0.0356+0.0724i	-1.0873+0.2442i	0.2323+0.1104i	-0.0720-0.0659i
39.8	0.2483+0.2329i	0.1704-0.0879i	-1.0861-0.2920i	0.2986+0.1582i	0.0400+0.0294i	-1.1959+0.2224i	0.2196+0.1064i	-0.0907-0.0219i
39.9	0.2287+0.2290i	0.1933-0.0991i	-1.0172-0.3219i	0.2762+0.1524i	0.0224+0.0032i	-1.2243+0.2271i	0.2184+0.1353i	-0.0767+0.0157i
40.0	0.2398+0.2235i	0.2237-0.1394i	-0.9855-0.2995i	0.2908+0.1472i	0.0390+0.0280i	-1.1875+0.3039i	0.2167+0.1015i	-0.0928-0.0088i
40.1	0.2384+0.2179i	0.2145-0.1191i	-1.0152-0.3087i	0.3048+0.1233i	0.0321+0.0170i	-1.2278+0.3009i	0.2306+0.1042i	-0.0918+0.0114i
40.2	0.2379+0.1907i	0.2010-0.1207i	-1.0061-0.2276i	0.3050+0.0844i	0.0305-0.0013i	-1.2248+0.3115i	0.2289+0.0790i	-0.0923+0.0343i
40.3	0.2568+0.1735i	0.2067-0.1389i	-1.0850-0.1638i	0.3193+0.0615i	0.0506+0.0007i	-1.2162+0.3407i	0.2387+0.0502i	-0.1029+0.0360i
40.4	0.2586+0.1547i	0.2137-0.1540i	-1.0476-0.1523i	0.3090+0.0171i	0.0534-0.0150i	-1.1790+0.4321i	0.2243+0.0322i	-0.1097+0.0492i
40.5	0.2483+0.1149i	0.1993-0.1573i	-0.9573-0.0413i	0.2735-0.0511i	0.0520-0.0270i	-1.0579+0.4973i	0.1904-0.0131i	-0.1095+0.0659i
40.6	0.2520+0.0869i	0.2045-0.1452i	-0.9436+0.0053i	0.2699-0.0993i	0.0573-0.0504i	-1.0046+0.5394i	0.1754-0.0340i	-0.1134+0.0920i
40.7	0.2342+0.0630i	0.2189-0.1613i	-0.8891-0.0609i	0.2287-0.1174i	0.0325-0.0921i	-0.9454+0.4414i	0.1498-0.0025i	-0.0907+0.1254i
40.8	0.2259+0.0565i	0.2197-0.1711i	-0.8973-0.0949i	0.2111-0.1225i	0.0090-0.0953i	-0.9952+0.4009i	0.1589-0.0077i	-0.0713+0.1198i
40.9	0.2300+0.0518i	0.2377-0.1720i	-0.9744-0.0028i	0.2448-0.1381i	0.0172-0.0800i	-1.0850+0.5106i	0.1784-0.0523i	-0.0740+0.1053i
41.0	0.2118+0.0630i	0.2409-0.2016i	-0.9056-0.0736i	0.1707-0.1081i	-0.0264-0.0799i	-0.9347+0.3739i	0.1541-0.0056i	-0.0407+0.1298i
41.1	0.1861+0.0422i	0.2294-0.2138i	-0.8345-0.0681i	0.1365-0.1456i	0.0019-0.1137i	-0.9027+0.3180i	0.0962-0.0032i	-0.0572+0.1425i
41.2	0.2026+0.0435i	0.2496-0.2665i	-0.9334-0.0157i	0.1936-0.1390i	-0.0070-0.0665i	-1.1564+0.4379i	0.1737-0.0494i	-0.0464+0.0940i
41.3	0.1990+0.0353i	0.2321-0.3179i	-0.8892+0.0511i	0.1804-0.1674i	0.0048-0.0754i	-1.0805+0.5429i	0.1305-0.0760i	-0.0619+0.0955i
41.4	0.1699+0.0204i	0.1895-0.3224i	-0.7188+0.0255i	0.0928-0.1897i	0.0081-0.1404i	-0.7839+0.4942i	0.0301-0.0318i	-0.0723+0.1408i
41.5	0.1525+0.0121i	0.1547-0.3442i	-0.7697+0.0359i	0.0895-0.2011i	-0.0161-0.1398i	-0.8363+0.4706i	0.0424-0.0356i	-0.0507+0.1366i
41.6	0.1476+0.0185i	0.1433-0.3915i	-0.7823+0.0507i	0.0867-0.1858i	-0.0411-0.1125i	-0.9263+0.4733i	0.0698-0.0497i	-0.0392+0.1123i
41.7	0.1446+0.0141i	0.1281-0.3741i	-0.7730+0.0352i	0.0473-0.1782i	-0.0519-0.1243i	-0.8639+0.4226i	0.0497-0.0317i	-0.0427+0.1229i
41.8	0.1333+0.0106i	0.1080-0.3863i	-0.7662-0.0120i	0.0295-0.1636i	-0.0783-0.1309i	-0.8657+0.3537i	0.0518+0.0075i	-0.0325+0.1377i
41.9	0.1324+0.0159i	0.0498-0.4252i	-0.7767-0.0360i	0.0296-0.1702i	-0.0487-0.1392i	-0.8340+0.4050i	0.0242+0.0045i	-0.0547+0.1345i
42.0	0.1175+0.0117i	-0.0004-0.3875i	-0.6927-0.0760i	-0.0167-0.1627i	-0.0643-0.1713i	-0.7545+0.3403i	-0.0022+0.0394i	-0.0582+0.1514i
42.1	0.1187-0.0024i	-0.0033-0.3876i	-0.6664-0.0424i	-0.0227-0.1832i	-0.0656-0.1541i	-0.7527+0.4168i	-0.0041+0.0093i	-0.0563+0.1347i
42.2	0.0981-0.0143i	-0.0396-0.3651i	-0.6830-0.0423i	-0.0333-0.1493i	-0.1052-0.1389i	-0.8833+0.2600i	0.0233+0.0254i	-0.0383+0.1215i
42.3	0.0542+0.0318i	-0.0696-0.3524i	-0.6493-0.1018i	-0.0690-0.0847i	-0.1424-0.1273i	-0.9551+0.1808i	0.0290+0.0792i	-0.0180+0.1226i
42.4	0.0444+0.0440i	-0.0565-0.3503i	-0.6409-0.1493i	-0.0860-0.0681i	-0.1434-0.1191i	-0.9011+0.1147i	0.0258+0.0821i	-0.0187+0.1166i
42.5	0.0258+0.0369i	-0.0860-0.3410i	-0.5989-0.1475i	-0.0838-0.0770i	-0.1289-0.1515i	-0.9958+0.1005i	-0.0104+0.0840i	-0.0507+0.1280i
42.6	0.0230+0.1102i	-0.1048-0.2887i	-0.7301-0.2317i	-0.0656-0.0130i	-0.2066-0.0954i	-1.3028+0.2227i	0.0720+0.0985i	-0.0079+0.1223i
42.7	0.0926+0.1518i	-0.1708-0.2945i	-0.8138-0.2041i	-0.0401+0.0081i	-0.1845-0.0673i	-0.9816+0.3774i	0.0784+0.0802i	-0.0062+0.1062i
42.8	0.1156+0.1236i	-0.1713-0.2846i	-0.7988-0.2120i	-0.0338+0.0222i	-0.1878-0.0738i	-0.9398+0.1731i	0.0866+0.1057i	-0.0091+0.1022i
42.9	0.0972+0.0985i	-0.1601-0.2640i	-0.7893-0.1391i	-0.0421+0.0205i	-0.1634-0.0743i	-1.0436+0.1351i	0.0537+0.1010i	-0.0332+0.0876i
43.0	0.0852+0.1186i	-0.1880-0.2353i	-0.8023-0.1110i	-0.0342+0.0370i	-0.1572-0.0390i	-1.1777+0.2755i	0.0465+0.0884i	-0.0378+0.0671i
43.1	0.1224+0.1493i	-0.1665-0.2126i	-0.8919-0.1227i	0.0289+0.0675i	-0.1704-0.0118i	-1.2784+0.3355i	0.1073+0.0953i	-0.0352+0.0578i
43.2	0.1387+0.1599i	-0.1650-0.1938i	-0.9515-0.1161i	0.0454+0.0827i	-0.2172+0.0090i	-1.2880+0.3328i	0.1676+0.1094i	-0.0115+0.0812i
43.3	0.1598+0.1333i	-0.1076-0.1946i	-0.8255-0.0717i	0.0594+0.0501i	-0.1786+0.0083i	-1.1643+0.3066i	0.1679+0.0606i	-0.0058+0.0502i
43.4	0.1545+0.1111i	-0.1244-0.2095i	-0.8674-0.0603i	0.0730+0.0412i	-0.2046-0.0024i	-1.2848+0.1996i	0.1795+0.0513i	-0.0208+0.0304i

43.5	0.1696+0.0797i	-0.1788-0.2039i	-0.8888-0.0161i	0.0830+0.0282i	-0.2013+0.0004i	-1.2850+0.1959i	0.1620+0.0333i	-0.0735+0.0258i
43.6	0.1726+0.0600i	-0.1610-0.1956i	-0.8075-0.0025i	0.0883-0.0027i	-0.1679-0.0039i	-1.2867+0.2103i	0.1219+0.0197i	-0.1137+0.0539i
43.7	0.1359+0.1056i	-0.1821-0.1644i	-0.9014-0.0158i	0.0850+0.0265i	-0.1783+0.0200i	-1.5288+0.3443i	0.1538+0.0360i	-0.0873+0.0658i
43.8	0.1614+0.1370i	-0.1965-0.1276i	-0.9467-0.0106i	0.1167+0.0230i	-0.1804+0.0471i	-1.4654+0.5603i	0.1769+0.0082i	-0.0845+0.0480i
43.9	0.1939+0.0979i	-0.2076-0.1064i	-0.8711-0.0267i	0.1205-0.0060i	-0.1762+0.0176i	-1.2795+0.4009i	0.1603+0.0251i	-0.1103+0.0572i
44.0	0.2132+0.0459i	-0.1787-0.1121i	-0.8141-0.0760i	0.1057-0.0468i	-0.1807-0.0178i	-1.2434+0.2652i	0.1356+0.0270i	-0.1301+0.0835i
44.1	0.1978+0.0504i	-0.2246-0.0881i	-0.8466-0.1171i	0.0837-0.0201i	-0.2022-0.0165i	-1.2873+0.1612i	0.1276+0.0584i	-0.1312+0.1077i
44.2	0.1850+0.0202i	-0.1595-0.0957i	-0.8886-0.0229i	0.0781-0.0374i	-0.1881-0.0157i	-1.3778+0.1177i	0.1274+0.0363i	-0.0973+0.1055i
44.3	0.1312+0.0057i	-0.1329-0.1120i	-0.8829+0.0067i	0.0538-0.0326i	-0.2207-0.0023i	-1.6435+0.1801i	0.1215+0.0284i	-0.1182+0.0894i
44.4	0.0893+0.0395i	-0.2076-0.0364i	-0.8845-0.0247i	0.0593+0.0084i	-0.2054+0.0362i	-1.8587+0.3975i	0.1109+0.0702i	-0.1382+0.1470i
44.5	0.1054+0.1081i	-0.1877-0.0058i	-0.8723+0.0055i	0.0874+0.0177i	-0.1484+0.0424i	-1.7880+0.6677i	0.1376+0.0727i	-0.0779+0.1482i
44.6	0.1598+0.1228i	-0.1985+0.0475i	-0.9114+0.0124i	0.1151-0.0064i	-0.1617+0.0164i	-1.5641+0.7300i	0.1740+0.0517i	-0.0749+0.1250i
44.7	0.1686+0.1180i	-0.1908+0.0326i	-0.8815+0.0346i	0.0925-0.0300i	-0.1867+0.0268i	-1.4299+0.8159i	0.1468+0.0086i	-0.0958+0.1135i
44.8	0.2267+0.1293i	-0.0698+0.0988i	-0.7714+0.1408i	0.1034-0.0370i	-0.2011+0.0694i	-1.2777+0.8490i	0.1637+0.0019i	-0.0733+0.1328i
44.9	0.2337+0.0823i	0.0114+0.1279i	-0.7349+0.1330i	0.0972-0.0459i	-0.2149+0.0484i	-1.1940+0.7082i	0.1828+0.0253i	-0.0553+0.1411i
45.0	0.1980+0.0384i	-0.0230-0.0243i	-0.6621+0.0961i	0.0459-0.0304i	-0.1857+0.0073i	-1.2270+0.3082i	0.1146+0.0299i	-0.0821+0.0762i
45.1	0.1943+0.0475i	-0.0060-0.0190i	-0.7472+0.0816i	0.0688-0.0322i	-0.2347+0.0630i	-1.6006+0.4727i	0.1576+0.0025i	-0.1010+0.0913i
45.2	0.1905+0.0564i	0.0647+0.0787i	-0.7735+0.0435i	0.0799-0.0189i	-0.2357+0.1099i	-1.5903+0.7073i	0.1838+0.0257i	-0.0829+0.1572i
45.3	0.1945+0.0528i	0.0724+0.0099i	-0.7106-0.0262i	0.0832-0.0014i	-0.1619+0.0534i	-1.3699+0.5437i	0.1929+0.0488i	-0.0381+0.1343i
45.4	0.2021+0.0443i	0.0107-0.0800i	-0.7588-0.0390i	0.0980-0.0227i	-0.1795+0.0407i	-1.5251+0.5597i	0.1965-0.0098i	-0.0607+0.0693i
45.5	0.2388+0.0403i	0.0353-0.0035i	-0.8756-0.0176i	0.1107-0.0489i	-0.2049+0.0577i	-1.4676+0.6397i	0.2038-0.0319i	-0.0644+0.1060i
45.6	0.2315-0.0093i	0.0879-0.0715i	-0.9305+0.0618i	0.0837-0.0444i	-0.2350+0.0824i	-1.5231+0.4470i	0.2094-0.0494i	-0.0335+0.0901i
45.7	0.1739+0.0245i	-0.0437-0.0742i	-0.8917+0.0757i	0.0912-0.0080i	-0.2230+0.0898i	-1.8248+0.5541i	0.2129-0.0242i	-0.0507+0.0903i
45.8	0.2151+0.0314i	-0.0611+0.0187i	-0.8527+0.0546i	0.0971-0.0155i	-0.1858+0.0817i	-1.6915+0.6937i	0.1907-0.0165i	-0.0427+0.0945i
45.9	0.2207-0.0020i	0.0172+0.0203i	-0.8649-0.0588i	0.1190+0.0007i	-0.2137+0.0298i	-1.8288+0.6479i	0.2477+0.0170i	-0.0121+0.0615i
46.0	0.2182+0.0020i	0.1434+0.0023i	-0.9249-0.0270i	0.1290-0.0088i	-0.1979+0.0217i	-1.6666+0.8591i	0.2821-0.0121i	0.0209+0.0109i
46.1	0.2363-0.0018i	0.1745-0.0732i	-0.8812-0.0321i	0.1484-0.0270i	-0.2342-0.0411i	-1.6823+0.6633i	0.3266-0.0429i	-0.0229-0.0347i
46.2	0.2349-0.0129i	0.0516-0.0787i	-0.8835+0.0379i	0.1455-0.0515i	-0.2816+0.0009i	-1.8620+0.7397i	0.2989-0.1117i	-0.0671-0.0320i
46.3	0.2583-0.0412i	0.0468-0.0609i	-0.9659+0.0684i	0.1444-0.0682i	-0.3249+0.0645i	-1.9336+0.9345i	0.3067-0.1819i	-0.0477-0.0475i
46.4	0.2410-0.1011i	0.0273+0.0494i	-0.9152+0.1387i	0.1596-0.0421i	-0.3308+0.0434i	-1.9372+1.2252i	0.3086-0.2253i	-0.0605-0.1674i
46.5	0.2122-0.1042i	0.1276+0.2179i	-0.8105+0.2419i	0.1833-0.0509i	-0.3844+0.0247i	-1.5572+1.3738i	0.2245-0.2380i	-0.2312-0.2131i
46.6	0.1827-0.1188i	0.4070+0.0906i	-0.7990+0.1677i	0.1990-0.0995i	-0.4531+0.1448i	-1.4636+1.1642i	0.2151-0.2056i	-0.3298-0.0495i
46.7	0.1487-0.0962i	0.4211-0.1853i	-0.7980+0.1644i	0.1505-0.1509i	-0.3388+0.3009i	-1.3260+1.2733i	0.2011-0.2661i	-0.2264+0.0404i
46.8	0.1560-0.0604i	0.2882-0.2855i	-0.8659+0.0866i	0.1332-0.1583i	-0.2837+0.2607i	-1.2213+1.0556i	0.1585-0.2777i	-0.2302+0.0326i
46.9	0.2048-0.0386i	0.2053-0.2854i	-1.0133+0.0432i	0.1300-0.1703i	-0.3028+0.2018i	-1.3187+0.8251i	0.1227-0.2595i	-0.2558+0.0605i
47.0	0.2270-0.0992i	0.2236-0.2931i	-1.0565+0.1369i	0.1198-0.1706i	-0.2966+0.2248i	-1.5014+0.8002i	0.1446-0.2532i	-0.1933+0.0713i
47.1	0.1602-0.1742i	0.2190-0.3688i	-0.9898+0.3540i	0.1035-0.1883i	-0.2293+0.2941i	-1.6332+1.1766i	0.1419-0.3193i	-0.1080-0.0361i
47.2	0.0988-0.1163i	0.2376-0.4432i	-0.8035+0.3301i	0.1042-0.2073i	-0.2371+0.2964i	-1.3131+1.4836i	0.1084-0.3908i	-0.2244-0.1304i
47.3	0.1455-0.0752i	0.1927-0.5026i	-0.8436+0.1472i	0.0637-0.2464i	-0.2538+0.3262i	-0.9831+1.2705i	0.0367-0.4023i	-0.3079-0.0147i
47.4	0.1944-0.1029i	0.1060-0.5074i	-0.9224+0.1625i	-0.0029-0.2225i	-0.1855+0.3239i	-0.8931+0.8049i	-0.0354-0.3358i	-0.2463+0.0724i
47.5	0.2320-0.1404i	0.0257-0.4864i	-1.0059+0.2110i	-0.0239-0.1911i	-0.1459+0.3047i	-1.0286+0.5170i	-0.0386-0.2860i	-0.1639+0.0932i
47.6	0.2409-0.2535i	-0.0667-0.4506i	-1.0770+0.2757i	-0.0466-0.1686i	-0.1344+0.2393i	-1.3332+0.3142i	0.0278-0.2804i	-0.0123+0.0054i
47.7	0.0863-0.3475i	-0.0929-0.4361i	-1.1987+0.3126i	-0.0677-0.1459i	-0.1803+0.2234i	-1.7718+0.4234i	-0.0021-0.3703i	-0.1037-0.2247i
47.8	-0.0463-0.2851i	-0.1186-0.4161i	-1.1066+0.3759i	-0.0545-0.0923i	-0.1191+0.2587i	-1.8761+0.6801i	-0.1002-0.3452i	-0.2260-0.2564i
47.9	-0.0501-0.1390i	-0.1306-0.3761i	-1.0574+0.6873i	-0.0340-0.0379i	-0.1624+0.1702i	-1.5594+0.8417i	-0.1470-0.2876i	-0.3873-0.3113i
48.0	-0.0286-0.1367i	-0.1048-0.3445i	-0.9535+0.6374i	-0.0111-0.0378i	-0.2025+0.1793i	-1.6999+0.7825i	-0.1288-0.2667i	-0.4681-0.2717i
48.1	-0.0745-0.1255i	-0.1344-0.3086i	-0.7164+0.7466i	-0.0074-0.0415i	-0.0902+0.2228i	-1.6502+1.0515i	-0.1831-0.2388i	-0.5052-0.2073i
48.2	-0.0743-0.0980i	-0.2017-0.3690i	-0.7388+0.6993i	0.0042-0.0317i	-0.1440+0.1864i	-1.4863+0.9373i	-0.1964-0.2576i	-0.6197-0.2238i
48.3	-0.0902-0.0691i	-0.2300-0.3091i	-0.7430+0.8283i	0.0073-0.0600i	-0.1446+0.2626i	-1.5396+0.9914i	-0.2781-0.2354i	-0.7009-0.0398i
48.4	-0.0949-0.0340i	-0.1706-0.2803i	-0.6453+1.0013i	-0.0399-0.0166i	-0.0592+0.2332i	-1.4072+0.8503i	-0.2968-0.1752i	-0.5623-0.0389i
48.5	-0.0776+0.0204i	-0.1881-0.2599i	-0.5376+1.1220i	-0.0188+0.0077i	-0.1169+0.2303i	-1.4998+0.8900i	-0.3276-0.1528i	-0.6570-0.0815i
48.6	-0.0639-0.0490i	-0.1584-0.2478i	-0.4200+0.8676i	0.0557-0.0112i	-0.1864+0.2805i	-1.9075+0.6597i	-0.2643-0.1311i	-0.7342+0.0200i
48.7	-0.0831-0.0338i	-0.1223-0.2686i	-0.3753+0.7987i	0.0771-0.0501i	-0.1476+0.3345i	-2.1480+0.8726i	-0.2676-0.1504i	-0.7361+0.1017i
48.8	-0.1115-0.0111i	-0.1358-0.2690i	-0.4669+0.8416i	0.0185-0.0787i	-0.0063+0.3486i	-2.1157+1.3920i	-0.3399-0.1238i	-0.6130+0.1849i
48.9	-0.1318+0.0651i	-0.0973-0.2162i	-0.4103+0.9509i	-0.0321-0.0486i	0.0445+0.2640i	-1.6033+1.6331i	-0.3223+0.0054i	-0.5169+0.2152i
49.0	-0.0464+0.0920i	-0.0575-0.2684i	-0.1826+0.9492i	-0.0435+0.0424i	0.0725+0.1089i	-1.0513+0.9671i	-0.2012+0.0289i	-0.3709-0.0121i
49.1	-0.0295+0.0679i	-0.0783-0.2672i	-0.1890+0.8328i	0.0309+0.0685i	-0.0745+0.0502i	-1.4660+0.5628i	-0.1946-0.0330i	-0.6097-0.1505i
49.2	0.0297+0.0865i	-0.0534-0.2722i	-0.0939+0.8325i	0.1042+0.0438i	-0.1984+0.0847i	-1.7697+0.4767i	-0.1825-0.0408i	-0.7664-0.0593i
49.3	0.0368+0.0639i	-0.1312-0.2941i	-0.0862+0.8805i	0.1389+0.0088i	-0.2182+0.1957i	-2.1718+0.5889i	-0.2293-0.0558i	-0.8799+0.0657i
49.4	-0.0250+0.0345i	-0.1200-0.2883i	-0.1661+0.9502i	0.1160-0.0601i	-0.1859+0.3642i	-2.4292+1.0818i	-0.2986-0.0309i	-0.9073+0.3325i
49.5	-0.0546+0.0839i	-0.1083-0.3184i	-0.1186+0.9964i	0.0605-0.0491i	-0.0273+0.2985i	-2.1585+1.3200i	-0.2748+0.0695i	-0.7107+0.4077i
49.6	-0.0055+0.1396i	-0.1553-0.3670i	-0.0581+1.0428i	0.0700+0.0072i	-0.0050+0.1121i	-2.0398+1.2279i	-0.2178+0.0744i	-0.6321+0.2093i
49.7	0.0987+0.0810i	-0.1679-0.3695i	0.1055+1.0015i	0.0968+0.0262i	-0.0551+0.0427i	-1.9715+0.8824i	-0.1596+0.0460i	-0.6119+0.0865i

49.8	0.0413−0.0107i	−0.2483−0.3610i	0.1370+0.8953i	0.1366+0.0308i	−0.1573−0.0178i	−2.4372+0.8166i	−0.1860−0.0083i	−0.8001−0.0584i
49.9	−0.0586+0.0496i	−0.2296−0.2692i	0.3650+0.9531i	0.1895−0.0081i	−0.2330+0.0050i	−2.6301+1.4698i	−0.2159+0.0546i	−0.9937+0.0870i
50.0	−0.0304+0.1626i	−0.2181−0.3285i	0.3977+0.8761i	0.1672−0.0287i	−0.2437+0.0777i	−2.2407+1.6909i	−0.2142+0.0622i	−0.9911+0.1966i
50.1	0.0504+0.1746i	−0.2738−0.3715i	0.3484+0.8743i	0.1768−0.0419i	−0.2848+0.1108i	−2.1910+1.6217i	−0.2370+0.0506i	−1.0673+0.2425i
50.2	0.0588+0.1586i	−0.3583−0.2991i	0.4113+1.0286i	0.1776−0.0686i	−0.2818+0.1543i	−2.2191+1.8032i	−0.2681+0.0876i	−1.1064+0.3754i
50.3	0.0577+0.1873i	−0.3115−0.2257i	0.6412+1.0363i	0.1631−0.0744i	−0.2470+0.1762i	−1.9567+2.0263i	−0.2668+0.1443i	−1.0401+0.5031i
50.4	0.1164+0.2200i	−0.2242−0.1781i	0.7829+0.9042i	0.1551−0.0592i	−0.2377+0.1332i	−1.5937+1.9930i	−0.2177+0.2128i	−0.9536+0.5514i
50.5	0.1949+0.1702i	−0.2340−0.1816i	0.9410+0.7421i	0.1676−0.0404i	−0.2563+0.0731i	−1.4601+1.5233i	−0.1462+0.1919i	−0.9033+0.4490i
50.6	0.1635+0.1418i	−0.2990−0.1458i	0.9644+0.6815i	0.2307−0.0386i	−0.3765+0.1155i	−1.7747+1.3994i	−0.1612+0.1615i	−1.1238+0.4365i
50.7	0.1650+0.1715i	−0.2580−0.1033i	0.9602+0.8265i	0.2603−0.0875i	−0.3798+0.2844i	−2.0069+1.7147i	−0.1752+0.1684i	−1.1772+0.6655i
50.8	0.2261+0.1447i	−0.2375−0.1054i	1.2017+0.7327i	0.2650−0.1424i	−0.3638+0.2838i	−1.9439+1.8490i	−0.1297+0.1565i	−1.0877+0.7369i
50.9	0.2300+0.0793i	−0.2380−0.0194i	1.2339+0.6070i	0.2386−0.2038i	−0.4226+0.3702i	−1.8713+1.9556i	−0.1471+0.1187i	−1.1113+0.8438i
51.0	0.2342+0.1295i	−0.0626−0.0280i	1.3934+0.6094i	0.1647−0.2374i	−0.2673+0.5561i	−1.4338+2.0774i	−0.1380+0.2034i	−0.8619+1.1466i
51.1	0.3673+0.0701i	−0.0671−0.1544i	1.6951+0.3597i	0.1311−0.2042i	−0.0676+0.4799i	−1.1800+1.5845i	−0.0920+0.1761i	−0.5483+0.9580i
51.2	0.2996−0.1606i	−0.1726−0.2200i	1.6329−0.1059i	0.1383−0.1540i	−0.0635+0.1531i	−1.6251+1.0289i	−0.1120+0.0728i	−0.6350+0.4248i
51.3	0.0746−0.0847i	−0.2029−0.0959i	1.4587−0.0720i	0.2051−0.1297i	−0.4079+0.0516i	−2.1134+1.3042i	−0.2200+0.0915i	−1.2579+0.3873i
51.4	0.1745−0.0079i	−0.1642−0.0251i	1.5646+0.2224i	0.2652−0.1986i	−0.5180+0.3708i	−2.1052+1.4801i	−0.2087+0.1673i	−1.3863+0.9278i
51.5	0.1846+0.0839i	−0.0085−0.0346i	1.7930+0.1474i	0.2270−0.2271i	−0.4261+0.5109i	−1.7679+1.6747i	−0.1612+0.2353i	−1.1827+1.1880i
51.6	0.3208+0.0907i	0.0722−0.1745i	1.9337+0.0811i	0.2070−0.2047i	−0.2232+0.5691i	−1.5751+1.2374i	−0.0852+0.2422i	−0.8797+1.2126i
51.7	0.3263−0.0186i	0.0277−0.2104i	2.1733+0.0040i	0.2020−0.2790i	−0.0528+0.6277i	−2.0733+1.3349i	−0.0453+0.2322i	−0.6482+1.4110i
51.8	0.3515−0.0853i	−0.0144−0.2743i	2.4302−0.6823i	0.1855−0.2808i	−0.0292+0.3640i	−2.0249+1.2461i	−0.0262+0.1746i	−0.5468+1.1031i
51.9	0.4205−0.0500i	−0.0617−0.2371i	2.4174−0.7555i	0.2506−0.2289i	−0.2410+0.2442i	−2.0063+1.0270i	−0.0547+0.1826i	−0.8479+0.9365i
52.0	0.5711−0.2629i	0.0062−0.2912i	2.6296−0.8940i	0.2359−0.3193i	−0.0244+0.4008i	−2.1691+0.8884i	0.0198+0.1640i	−0.5283+1.0984i
52.1	0.3812−0.5095i	−0.1425−0.3810i	2.5035−1.2581i	0.1573−0.2690i	0.1292−0.0230i	−2.4173+0.6676i	−0.0081+0.0356i	−0.4462+0.4281i
52.2	0.1116−0.4217i	−0.2185−0.2126i	2.5568−1.2354i	0.2740−0.3143i	−0.5389+0.0905i	−3.2458+0.8667i	−0.1910+0.1273i	−1.4704+0.8340i
52.3	0.0329−0.3414i	−0.1515−0.1384i	2.8953−1.7278i	0.2616−0.4374i	−0.5899+0.3808i	−3.6090+1.6054i	−0.1772+0.2351i	−1.4491+1.4464i
52.4	0.0978−0.1650i	−0.0433−0.1364i	2.5562−2.0229i	0.2020−0.4104i	−0.5413+0.4899i	−2.9874+1.9580i	−0.0568+0.2865i	−1.1204+1.6076i
52.5	0.2145−0.2692i	0.0476+0.0097i	2.9530−1.9976i	0.2379−0.4761i	−0.5645+0.7017i	−2.9868+1.6696i	−0.0308+0.2752i	−1.1156+1.8990i
52.6	0.0933−0.4254i	0.3229−0.1204i	3.0639−3.0249i	0.1109−0.6031i	−0.1888+0.7825i	−3.3004+1.9552i	0.0284+0.2835i	−0.4691+2.1354i
52.7	0.0447−0.2546i	0.2738−0.3401i	2.2614−3.3266i	0.0788−0.5003i	−0.3100+0.4794i	−2.8930+2.1522i	0.0802+0.2236i	−0.4575+1.6501i
52.8	0.2613−0.2925i	0.2577−0.5181i	2.3002−3.3455i	0.1677−0.4930i	−0.4298+0.4847i	−2.9131+1.4109i	0.0971+0.1690i	−0.6859+1.5466i
52.9	0.1600−0.6507i	0.0719−0.7172i	2.3491−4.3874i	0.1063−0.5896i	−0.2595+0.2371i	−3.8204+1.2358i	0.0969+0.0450i	−0.4984+1.2336i
53.0	−0.1816−0.6254i	−0.1522−0.6128i	2.0114−4.6608i	0.1212−0.6053i	−0.8531+0.2008i	−4.6972+1.9136i	−0.0777+0.0170i	−1.3091+1.1870i
53.1	−0.3074−0.4643i	−0.1081−0.4890i	1.6906−4.9497i	0.0474−0.7327i	−1.0582+0.7913i	−4.8935+3.1466i	−0.1422+0.1355i	−1.4267+2.0928i
53.2	−0.3066−0.3892i	−0.0520−0.4993i	0.9330−5.5826i	−0.1026−0.7562i	−0.7003+1.0239i	−4.2391+3.7971i	−0.0974+0.1775i	−0.8513+2.3779i
53.3	−0.2759−0.3350i	−0.0585−0.5006i	0.2307−6.2514i	−0.2422−0.7205i	−0.2700+1.0593i	−3.3411+4.1371i	−0.0442+0.1815i	−0.1871+2.3501i
53.4	−0.4231−0.5908i	−0.0749−0.6684i	−1.2428−6.6144i	−0.4303−0.5782i	−0.0156+0.3871i	−3.0969+2.9965i	−0.0398+0.0664i	0.2597+1.2936i
53.5	−0.7631−0.3230i	−0.1147−0.5036i	−2.2646−5.5215i	−0.3381−0.4668i	−0.9123+0.3752i	−4.1323+3.3352i	−0.1632+0.1059i	−0.8585+1.2375i
53.6	−0.5976+0.0773i	0.0975−0.4376i	−1.8083−4.6910i	−0.2691−0.5388i	−1.0240+1.2522i	−3.8854+4.4893i	−0.1222+0.2554i	−0.9746+2.3903i
53.7	−0.4107+0.1519i	0.0901−0.5686i	−1.9762−4.8140i	−0.2871−0.5576i	−0.6959+1.4404i	−3.4001+4.6889i	−0.0929+0.2605i	−0.6010+2.6592i
53.8	−0.2776+0.0156i	0.1599−0.7920i	−2.3565−4.9855i	−0.3902−0.5652i	−0.5044+1.4733i	−3.1946+4.3607i	−0.0967+0.2266i	−0.2464+2.5584i
53.9	−0.2021−0.0683i	0.1027−0.8874i	−2.4692−4.8590i	−0.4230−0.5466i	−0.4537+1.4975i	−3.1841+4.1680i	−0.0910+0.2191i	−0.1359+2.4984i
54.0	−0.3269−0.2314i	−0.1433−0.9461i	−3.1372−4.9311i	−0.4974−0.5561i	−0.4223+1.6321i	−3.6582+4.3816i	−0.1321+0.2751i	−0.2283+2.6695i
54.1	−0.4238−0.0785i	−0.1882−0.7199i	−3.7901−4.6102i	−0.5425−0.4861i	−0.2137+1.8316i	−3.1914+5.0565i	−0.1024+0.3925i	0.0171+3.0044i
54.2	−0.2429−0.0848i	0.1918−0.7429i	−3.7163−4.3405i	−0.4997−0.5000i	0.0098+1.8755i	−2.9083+4.3320i	0.0549+0.3995i	0.4897+3.0392i
54.3	−0.4930−0.2373i	0.3054−1.1431i	−4.7442−4.4259i	−0.7056−0.5534i	0.2491+2.0661i	−3.9812+4.8520i	0.0972+0.3753i	0.9922+3.2276i
54.4	−0.7421−0.0442i	0.0073−1.5524i	−6.0522−3.6004i	−0.9090−0.3622i	0.6704+1.9833i	−3.8471+6.2420i	0.1280+0.3874i	1.5950+2.9553i
54.5	−0.7654+0.2028i	−0.4197−1.6215i	−6.4240−2.2670i	−0.9263−0.1131i	0.9065+1.7178i	−3.0632+7.0731i	0.1549+0.3457i	1.8345+2.3915i
54.6	−0.5842+0.4819i	−0.7211−1.4392i	−5.8777−0.8504i	−0.7884+0.0787i	1.0010+1.4418i	−1.6163+7.2746i	0.1856+0.3177i	1.8493+1.9000i
54.7	−0.2736+0.4268i	−0.7671−1.2704i	−5.2217−0.5849i	−0.6204+0.0638i	0.8773+1.2471i	−0.8893+6.2339i	0.2058+0.2642i	1.5531+1.5975i
54.8	−0.2974+0.1513i	−0.8423−1.4095i	−5.1790−0.5868i	−0.6545−0.0154i	0.8056+1.3425i	−1.5335+5.8799i	0.1542+0.2242i	1.3234+1.6431i
54.9	−0.5418+0.1697i	−1.1746−1.4918i	−5.3243+0.1646i	−0.7222+0.0993i	0.9852+1.4292i	−1.8475+6.7696i	0.1506+0.2581i	1.4324+1.6969i
55.0	−0.5499+0.4086i	−1.5188−1.2289i	−4.5757+1.2525i	−0.6158+0.2648i	1.1806+1.2745i	−0.8078+7.3587i	0.1980+0.2695i	1.5423+1.5136i
55.1	−0.4572+0.4625i	−1.5390−0.9806i	−3.7834+1.1425i	−0.5370+0.2717i	1.1969+1.1410i	−0.2204+7.0140i	0.2262+0.2257i	1.5088+1.3990i
55.2	−0.3817+0.4642i	−1.5649−0.6566i	−3.0218+1.0290i	−0.4641+0.2502i	1.2077+0.9721i	0.4226+6.6472i	0.2370+0.1905i	1.4027+1.3056i
55.3	−0.3349+0.5443i	−1.3861−0.3198i	−2.8050+1.0196i	−0.4047+0.2857i	1.1703+0.8375i	0.9173+6.2863i	0.2380+0.1953i	1.3598+1.2556i
55.4	−0.2437+0.5739i	−1.0539−0.1425i	−2.4672+0.8884i	−0.3425+0.2512i	1.1341+0.7932i	1.3899+5.6803i	0.2543+0.1933i	1.3613+1.2824i
55.5	−0.2032+0.5202i	−0.7844−0.3959i	−2.5969+0.4665i	−0.3560+0.1992i	1.1215+0.8220i	1.1534+4.9809i	0.2861+0.1747i	1.3951+1.3322i
55.6	−0.2467+0.4923i	−1.1069−0.8384i	−2.7435+0.6792i	−0.4062+0.2505i	1.2560+0.8043i	0.4139+5.1627i	0.3077+0.1175i	1.5574+1.2705i
55.7	−0.2094+0.5649i	−1.3377−0.5819i	−2.5037+0.9198i	−0.3552+0.3188i	1.3246+0.6088i	0.8678+5.4104i	0.2843+0.1060i	1.5892+1.0528i
55.8	−0.1614+0.5904i	−1.3116−0.3707i	−2.2968+0.8014i	−0.2879+0.3304i	1.2832+0.4800i	1.2461+5.3236i	0.2696+0.0749i	1.5248+0.8705i
55.9	−0.0887+0.5981i	−1.0948−0.2308i	−2.0663+0.8751i	−0.2165+0.3334i	1.1622+0.3686i	1.5105+4.9705i	0.2822+0.0484i	1.4755+0.7420i
56.0	−0.0389+0.5437i	−0.9248−0.3541i	−1.8951+0.8095i	−0.2149+0.2850i	1.0407+0.3678i	1.4613+4.3210i	0.2937+0.0387i	1.3118+0.7289i

56.1	-0.0528+0.4872i	-1.1751-0.6655i	-2.0599+0.9465i	-0.2490+0.2850i	1.0536+0.5077i	0.8240+4.2289i	0.2746-0.0035i	1.2637+0.9428i
56.2	-0.0726+0.5501i	-1.4151-0.4363i	-2.1164+1.0391i	-0.2054+0.3448i	1.1502+0.4458i	0.9185+4.7140i	0.2399-0.0079i	1.4518+0.9025i
56.3	-0.0469+0.5694i	-1.3420-0.2823i	-1.9526+1.0454i	-0.1686+0.3434i	1.1456+0.3649i	1.2343+4.6072i	0.2316-0.0076i	1.4681+0.8037i
56.4	-0.0198+0.5496i	-1.1391-0.2161i	-1.8438+1.0730i	-0.1454+0.3163i	1.0944+0.3156i	1.4015+4.4156i	0.2353-0.0135i	1.4598+0.7603i
56.5	-0.0077+0.5692i	-1.1636-0.2623i	-1.5342+1.0478i	-0.1494+0.3208i	1.1007+0.3033i	1.3715+4.1905i	0.2320-0.0207i	1.4981+0.6293i
56.6	-0.0175+0.5643i	-1.1906-0.2294i	-1.4192+0.9425i	-0.1428+0.3224i	1.1156+0.2766i	1.3177+4.0456i	0.2219-0.0405i	1.4603+0.5467i
56.7	-0.0105+0.5617i	-1.1388-0.3125i	-1.1938+0.9033i	-0.1202+0.3209i	1.0986+0.2510i	1.2681+3.8682i	0.2175-0.0616i	1.3950+0.5089i
56.8	-0.0054+0.5594i	-1.1674-0.3296i	-1.2831+0.9370i	-0.1071+0.3141i	1.0978+0.2439i	1.2280+3.8317i	0.2193-0.0684i	1.3945+0.4964i
56.9	0.0222+0.5697i	-1.1648-0.2597i	-1.4054+1.1147i	-0.0922+0.3146i	1.0967+0.1868i	1.2135+3.7682i	0.2194-0.0881i	1.3666+0.4192i
57.0	0.0367+0.5990i	-1.0764-0.2977i	-1.2262+0.8730i	-0.0834+0.3233i	1.0449+0.1399i	1.1819+3.6527i	0.1877-0.0974i	1.2916+0.3164i
57.1	0.0528+0.5983i	-1.0544-0.5025i	-1.0944+0.7739i	-0.0931+0.3051i	0.9989+0.1743i	1.1206+3.4923i	0.1798-0.1185i	1.2158+0.3043i
57.2	0.0583+0.5818i	-1.3990-0.8195i	-1.1923+0.8119i	-0.1441+0.3384i	1.0522+0.2691i	0.7580+3.3479i	0.1692-0.1457i	1.1805+0.3928i
57.3	0.0451+0.6175i	-1.8665-0.6650i	-1.1415+0.7749i	-0.1256+0.4337i	1.1833+0.2374i	0.4927+3.6597i	0.1188-0.1598i	1.2882+0.3766i
57.4	0.0798+0.6717i	-2.0019-0.3073i	-1.1327+0.8801i	-0.0469+0.4570i	1.2184+0.1249i	0.6598+3.9529i	0.0880-0.1535i	1.3373+0.2477i
57.5	0.1153+0.6703i	-1.8844-0.0736i	-0.9749+0.6216i	0.0029+0.4469i	1.1716+0.0373i	0.8709+4.0095i	0.0502-0.1141i	1.2400+0.1856i
57.6	0.1472+0.6584i	-1.7677+0.0889i	-0.6039+0.4839i	0.0582+0.4386i	1.1050-0.0391i	0.9083+3.8770i	0.0747-0.0881i	1.1626+0.1942i
57.7	0.1649+0.6559i	-1.8239+0.1783i	-0.6332+0.8373i	0.1010+0.4200i	1.1007-0.0610i	0.9061+3.7646i	0.1009-0.0808i	1.1390+0.1715i
57.8	0.1921+0.6546i	-1.8221+0.2227i	-0.5645+0.8996i	0.1277+0.3965i	1.0960-0.0836i	0.9612+3.7620i	0.0996-0.0799i	1.0992+0.1383i
57.9	0.1993+0.6537i	-1.7624+0.2448i	-0.5341+0.5601i	0.1494+0.3833i	1.0676-0.1002i	0.9431+3.7406i	0.0949-0.1058i	1.0429+0.0926i
58.0	0.2096+0.6562i	-1.7589+0.2891i	-0.7632+0.7483i	0.1823+0.3805i	1.0379-0.1092i	0.8886+3.7669i	0.1088-0.1009i	0.9944+0.1095i
58.1	0.2159+0.6583i	-1.7321+0.3853i	-0.6363+0.6644i	0.1916+0.3709i	1.0133-0.1437i	0.8987+3.8037i	0.0977-0.1104i	0.9803+0.1001i
58.2	0.2050+0.6578i	-1.7165+0.6271i	-0.2183+0.3945i	0.2254+0.3702i	0.9262-0.2506i	0.8550+3.7083i	0.0861-0.1294i	0.8278+0.0562i
58.3	0.1976+0.6732i	-1.6293+0.7234i	-0.3924+0.7374i	0.2653+0.3301i	0.7376-0.2192i	0.6703+3.6647i	0.0907-0.1351i	0.5800+0.1675i
58.4	0.2570+0.7548i	-1.4689+0.7243i	-0.9961+0.7029i	0.2426+0.3026i	0.8974+0.0005i	0.7755+3.9474i	0.1071-0.1044i	0.7551+0.4499i
58.5	0.3138+0.7113i	-1.6584+0.4956i	-0.6752+0.4755i	0.2227+0.2975i	1.1119-0.0210i	0.8987+3.8347i	0.1401-0.1099i	0.9881+0.4249i
58.6	0.2830+0.7100i	-1.8637+0.6012i	-0.6571+0.4390i	0.2286+0.3210i	1.1763-0.1239i	0.8227+3.8316i	0.1274-0.1349i	1.0208+0.3245i
58.7	0.2726+0.7164i	-1.8794+0.8234i	-0.4619+0.9243i	0.2476+0.3204i	1.1804-0.2342i	0.8989+3.8337i	0.1084-0.1724i	1.0500+0.2029i
58.8	0.3084+0.7534i	-1.6808+0.9235i	-0.5523+0.9051i	0.3136+0.3239i	1.1133-0.2937i	0.8923+3.9234i	0.1054-0.1836i	0.9626+0.2088i
58.9	0.3408+0.7435i	-1.6260+0.9187i	0.0102+0.4693i	0.3100+0.2974i	1.0776-0.3114i	0.9195+3.9085i	0.1037-0.1798i	0.9783+0.2284i
59.0	0.3314+0.8091i	-1.3712+1.1097i	-0.1287+0.4928i	0.3442+0.3113i	1.0334-0.3899i	0.9646+4.0242i	0.0843-0.2135i	0.9149+0.1801i
59.1	0.3685+0.8417i	-1.4505+1.2431i	-0.0087+0.7875i	0.3630+0.2940i	1.0254-0.4515i	0.8977+3.9944i	0.0766-0.2245i	0.9158+0.1629i
59.2	0.4351+0.8217i	-1.5102+1.3788i	0.4083+0.6028i	0.3789+0.2756i	1.0272-0.4968i	0.8818+3.9961i	0.0576-0.2297i	0.8912+0.1069i
59.3	0.5004+0.8353i	-1.3921+1.4182i	0.2626+0.8220i	0.4090+0.2639i	0.9733-0.5340i	0.9399+4.0158i	0.0620-0.2594i	0.9510+0.1188i
59.4	0.5602+0.8598i	-1.2596+1.4979i	0.3123+1.0007i	0.4279+0.2441i	0.9325-0.5617i	0.9574+4.1343i	0.0414-0.2733i	0.9490+0.1336i
59.5	0.5878+0.8739i	-1.1214+1.4865i	0.1283+1.0798i	0.4606+0.2303i	0.8965-0.5660i	0.9951+4.2316i	0.0165-0.2925i	0.8848+0.1352i
59.6	0.6418+0.8721i	-1.0202+1.4936i	0.2887+1.1438i	0.4948+0.2038i	0.8612-0.5865i	1.0665+4.2683i	0.0018-0.2975i	0.8149+0.1496i
59.7	0.6684+0.8678i	-1.0416+1.5905i	0.6173+1.1297i	0.5025+0.1869i	0.8759-0.5964i	1.0674+4.3187i	-0.0272-0.3066i	0.8410+0.0682i
59.8	0.7044+0.8340i	-0.9926+1.5731i	0.0485+0.8488i	0.5073+0.1740i	0.8762-0.5954i	1.1293+4.3862i	-0.0301-0.2975i	0.8634+0.1125i
59.9	0.7268+0.8114i	-1.0042+1.5778i	0.1046+0.2144i	0.5176+0.1571i	0.8734-0.5915i	1.0701+4.4492i	-0.0432-0.2358i	0.7986+0.1110i
60.0	0.7936+0.8804i	-0.9323+1.6516i	-0.4712-0.0067i	0.5273+0.1613i	0.8504-0.6563i	1.1815+4.4766i	0.0241-0.2554i	0.7869+0.2438i
60.1	0.8445+0.8799i	-0.7846+1.7185i	0.1296+0.9703i	0.5492+0.1441i	0.8308-0.7079i	1.3377+4.4884i	-0.0329-0.3151i	0.8488+0.1578i
60.2	0.8899+0.8893i	-0.6726+1.8097i	0.5472+1.0126i	0.5753+0.1448i	0.8092-0.7784i	1.3966+4.5188i	-0.1109-0.3287i	0.8387+0.0547i
60.3	0.9501+0.8905i	-0.5679+1.9646i	0.0960+0.6417i	0.5932+0.1376i	0.7478-0.8382i	1.4021+4.5617i	-0.1844-0.3436i	0.8140-0.0359i
60.4	0.9953+0.8899i	-0.4815+2.0728i	0.0393+0.7367i	0.6011+0.1273i	0.7008-0.8927i	1.4728+4.5909i	-0.2091-0.3566i	0.8021-0.0692i
60.5	1.0412+0.8396i	-0.3165+2.0900i	0.5670+0.8053i	0.6157+0.1011i	0.6239-0.9073i	1.5230+4.5483i	-0.2275-0.3553i	0.8300-0.0508i
60.6	1.0899+0.7949i	-0.0723+2.0782i	0.8275+1.2381i	0.6592+0.0850i	0.5479-0.9237i	1.5609+4.5679i	-0.2411-0.3514i	0.7838-0.0586i
60.7	1.1263+0.7968i	0.1905+1.9793i	0.8870+1.4961i	0.7034+0.0624i	0.4771-0.9073i	1.6264+4.6380i	-0.2472-0.3236i	0.6969-0.0324i
60.8	1.2034+0.7700i	0.2870+1.8900i	1.0458+2.1548i	0.7268+0.0340i	0.4372-0.8917i	1.7505+4.6468i	-0.2821-0.3099i	0.6588+0.0152i
60.9	1.2457+0.7445i	0.3819+1.8669i	1.8754+2.5498i	0.7386+0.0031i	0.3993-0.8783i	1.8106+4.6652i	-0.3130-0.3210i	0.6796-0.0044i
61.0	1.2370+0.7500i	0.5125+1.8092i	2.5763+2.7399i	0.7453-0.0067i	0.3748-0.8705i	1.7976+4.6892i	-0.3273-0.3117i	0.6526-0.0031i
61.1	1.2436+0.7453i	0.7566+1.7041i	3.7391+2.9251i	0.7536-0.0160i	0.3152-0.8738i	1.8955+4.6975i	-0.3412-0.3196i	0.6308+0.0243i
61.2	1.3072+0.7425i	0.9098+1.6715i	4.1026+2.7605i	0.7781-0.0404i	0.2677-0.8680i	2.0498+4.7244i	-0.3528-0.3129i	0.6500-0.0001i
61.3	1.3748+0.7557i	1.0288+1.4792i	4.1498+2.0242i	0.8157-0.0843i	0.2472-0.8486i	2.1015+4.7733i	-0.3784-0.2956i	0.6425+0.0218i
61.4	1.4452+0.7707i	1.1041+1.2868i	4.3029+2.4082i	0.8515-0.0899i	0.2215-0.8151i	2.1673+4.7983i	-0.3910-0.2718i	0.6510+0.0373i
61.5	1.5478+0.7184i	1.2494+1.1438i	5.2675+2.7963i	0.9066-0.1241i	0.1815-0.8170i	2.3188+4.7336i	-0.4139-0.2806i	0.6152+0.0595i
61.6	1.6889+0.6629i	1.4294+0.9888i	5.5581+3.0382i	0.9541-0.1857i	0.1056-0.7886i	2.4444+4.8364i	-0.4754-0.2788i	0.5874+0.0534i
61.7	1.7840+0.6399i	1.3567+0.8422i	5.8838+2.1109i	0.9863-0.2287i	0.0886-0.7587i	2.4102+5.0098i	-0.5195-0.2743i	0.6508+0.0790i
61.8	1.8723+0.5733i	1.3409+0.6222i	7.1191+2.0357i	1.0256-0.2817i	0.0930-0.7316i	2.5320+5.0128i	-0.5555-0.2481i	0.6218+0.0928i
61.9	1.9421+0.5100i	1.2584+0.4072i	8.7812+0.7902i	1.0313-0.3536i	0.0820-0.6830i	2.4901+4.9286i	-0.5964-0.2411i	0.6458+0.0500i
62.0	2.0073+0.4217i	1.2239+0.3028i	9.7620+0.5347i	1.0602-0.4122i	0.0662-0.6562i	2.5102+4.9413i	-0.6245-0.2311i	0.6475+0.0087i
62.1	2.0695+0.3262i	1.3218+0.1761i	10.5587+0.4252i	1.0838-0.4695i	0.0435-0.6655i	2.6877+4.9523i	-0.6543-0.2110i	0.5964+0.0456i
62.2	2.1235+0.2620i	1.2858+0.0012i	11.1482-0.7348i	1.1120-0.5373i	0.0772-0.6360i	2.8061+5.0365i	-0.6954-0.1669i	0.5485+0.0620i
62.3	2.1789+0.1456i	1.1902-0.1230i	11.6458-2.1406i	1.1273-0.6295i	0.0743-0.6068i	2.8410+5.1413i	-0.7154-0.1416i	0.5445+0.0650i

62.4	2.2585+0.0581i	1.1614-0.2647i	13.1750-3.1910i	1.1575-0.7000i	0.0417-0.6254i	2.8424+5.0980i	-0.7446-0.1370i	0.5555+0.0819i
62.5	2.3051-0.0719i	1.1398-0.4098i	13.6964-3.7440i	1.1727-0.8024i	0.0418-0.6180i	3.0006+5.0842i	-0.7807-0.0876i	0.5413+0.1182i
62.6	2.3134-0.1918i	1.0327-0.5352i	13.9017-5.3955i	1.1660-0.8904i	0.0484-0.5601i	2.9770+5.2198i	-0.8197-0.0414i	0.5648+0.1067i
62.7	2.3345-0.3234i	0.8734-0.6422i	14.9628-7.0740i	1.1579-0.9859i	0.0889-0.5710i	3.1633+5.3014i	-0.8048-0.0003i	0.5623+0.1386i
62.8	2.3383-0.5290i	0.7379-0.8452i	15.9815-8.6335i	1.1206-1.1470i	0.0938-0.5219i	3.3250+5.4667i	-0.8478+0.0753i	0.6020+0.1281i
62.9	2.3640-0.6197i	0.6638-0.9951i	16.3453-10.1276i	1.1072-1.2330i	0.0978-0.5319i	3.5261+5.4829i	-0.8629+0.1197i	0.5756+0.1737i
63.0	2.3646-0.7495i	0.5103-1.1157i	16.5214-12.2824i	1.0921-1.3590i	0.1379-0.5452i	3.6999+5.6161i	-0.8577+0.1738i	0.6062+0.2085i
63.1	2.3362-0.8668i	0.3400-1.1558i	17.4523-14.1628i	1.0362-1.4850i	0.1475-0.5763i	3.8931+5.6824i	-0.8537+0.2138i	0.6383+0.1786i
63.2	2.2855-1.0152i	0.1260-1.1786i	17.9157-17.3639i	0.9475-1.6324i	0.1647-0.6166i	4.1084+5.6728i	-0.8442+0.2460i	0.6453+0.1679i
63.3	2.2010-1.1247i	0.0440-1.2012i	17.3983-19.4286i	0.8512-1.7263i	0.1745-0.6390i	4.3439+5.7134i	-0.8266+0.2775i	0.6473+0.1758i
63.4	2.1704-1.2447i	-0.0960-1.2232i	16.2592-21.5533i	0.7764-1.8236i	0.1678-0.6518i	4.5083+5.8217i	-0.8326+0.3138i	0.6968+0.1894i
63.5	2.0491-1.3873i	-0.3211-1.1408i	15.4174-24.7273i	0.6084-1.9740i	0.1391-0.7087i	4.8199+5.8166i	-0.8324+0.3517i	0.7121+0.1655i
63.6	1.9656-1.4765i	-0.4794-1.0714i	14.4594-27.6896i	0.4765-2.0910i	0.1130-0.8000i	5.0733+5.8147i	-0.8216+0.3675i	0.7450+0.1619i
63.7	1.8215-1.5389i	-0.7146-0.9823i	13.5460-30.4108i	0.2724-2.1699i	0.1245-0.8749i	5.4134+5.7346i	-0.8384+0.3690i	0.7578+0.1269i
63.8	1.6872-1.5367i	-0.8926-0.7794i	10.9308-33.4226i	0.0676-2.1734i	0.0834-0.9332i	5.6935+5.6692i	-0.8396+0.4165i	0.7461+0.1081i
63.9	1.5747-1.5848i	-0.9077-0.6252i	8.9588-36.3855i	-0.1055-2.1940i	-0.0185-0.9757i	5.8880+5.5945i	-0.8447+0.4378i	0.7560+0.0653i
64.0	1.4483-1.5029i	-0.8677-0.4269i	5.2218-39.1709i	-0.2980-2.1147i	-0.0993-1.0363i	6.1348+5.5326i	-0.8452+0.4429i	0.7481+0.0147i
64.1	1.4023-1.4997i	-0.8391-0.3488i	2.7161-40.9892i	-0.4887-2.0674i	-0.1914-1.0692i	6.5253+5.3970i	-0.8690+0.4929i	0.7431+0.0041i
64.2	1.3686-1.5162i	-0.7840-0.3766i	-0.2344-42.9356i	-0.6674-2.0578i	-0.3222-1.0597i	6.9374+5.2579i	-0.8958+0.5503i	0.7339+0.0087i
64.3	1.2936-1.4040i	-0.7015-0.3106i	-4.5120-45.6477i	-0.8297-1.9277i	-0.4364-1.0190i	7.1032+5.0463i	-0.9107+0.5897i	0.7319-0.0302i
64.4	1.2840-1.3895i	-0.6648-0.3132i	-8.5600-47.4785i	-0.9918-1.8240i	-0.5558-0.9575i	7.3671+4.7296i	-0.9420+0.6328i	0.7384-0.0229i
64.5	1.3743-1.3339i	-0.6716-0.3322i	-13.0600-47.7763i	-1.0362-1.7236i	-0.6327-0.9441i	7.6239+4.5278i	-0.9420+0.6830i	0.7154-0.0085i
64.6	1.3690-1.3625i	-0.7591-0.3048i	-17.5679-49.1311i	-1.1804-1.5575i	-0.7075-0.8402i	7.8960+4.1978i	-0.9347+0.7765i	0.7194-0.0275i
64.7	1.4216-1.4009i	-0.7364-0.2757i	-24.5502-49.1416i	-1.2648-1.3903i	-0.8045-0.7379i	8.1357+3.8997i	-0.9437+0.8537i	0.7336-0.0796i
64.8	1.4748-1.4430i	-0.7025-0.2623i	-29.3828-47.4896i	-1.2780-1.2767i	-0.8761-0.6649i	8.1834+3.6147i	-0.9420+0.9238i	0.7466-0.1044i
64.9	1.5992-1.4310i	-0.6572-0.1951i	-35.0100-46.0769i	-1.2756-1.0709i	-0.9368-0.5801i	8.4584+3.2113i	-0.9467+1.0201i	0.6737-0.1030i
65.0	1.7296-1.6316i	-0.6658-0.2001i	-38.6853-43.0474i	-1.2832-0.9828i	-1.0005-0.4747i	8.7629+2.6840i	-0.9085+1.1299i	0.6647-0.0570i
65.1	1.8092-1.8167i	-0.6565-0.2007i	-44.0024-40.6216i	-1.2371-0.8791i	-1.0185-0.3244i	8.7321+2.4007i	-0.8936+1.2142i	0.6694-0.0803i
65.2	1.7630-1.9824i	-0.5936-0.2321i	-48.3794-38.4775i	-1.1987-0.7809i	-1.0220-0.2096i	8.6515+2.0926i	-0.8559+1.3071i	0.6580-0.0823i
65.3	1.7547-2.2129i	-0.4972-0.2805i	-51.4274-33.3756i	-1.1559-0.7302i	-1.0297-0.0961i	8.6875+1.7464i	-0.7780+1.4337i	0.6510-0.0642i
65.4	1.5961-2.4590i	-0.5107-0.3908i	-54.6271-28.0948i	-1.0717-0.6779i	-0.9592+0.0473i	8.6865+1.2624i	-0.6240+1.5527i	0.6578-0.0471i
65.5	1.4925-2.5821i	-0.4988-0.4589i	-58.7237-24.2518i	-1.0331-0.6196i	-0.8962+0.1253i	8.7826+0.9193i	-0.5112+1.6532i	0.6505-0.0480i
65.6	1.3866-2.7327i	-0.5578-0.5306i	-60.9294-19.5485i	-0.9967-0.5971i	-0.8555+0.1893i	8.7353+0.5910i	-0.4045+1.7194i	0.6755-0.0612i
65.7	1.2137-2.8703i	-0.5832-0.6347i	-62.8090-14.0702i	-0.9584-0.5866i	-0.7912+0.2806i	8.6473+0.2369i	-0.2468+1.7445i	0.6747-0.0836i
65.8	1.0186-2.9924i	-0.6495-0.7364i	-64.6486-8.3035i	-0.9372-0.5788i	-0.7368+0.3202i	8.5199-0.0387i	-0.0900+1.7547i	0.6954-0.0585i
65.9	0.8538-3.1408i	-0.7548-0.8537i	-65.5621-2.9328i	-0.9376-0.6011i	-0.7097+0.3907i	8.4082-0.2725i	0.0273+1.7963i	0.7279-0.0540i
66.0	0.5439-3.2987i	-0.9096-1.0195i	-64.9370+4.9687i	-0.9941-0.6376i	-0.6089+0.4618i	8.4310-0.6801i	0.2475+1.7848i	0.7355-0.0544i
66.1	0.3023-3.3447i	-1.0203-1.0355i	-64.4437+7.8062i	-1.0269-0.6264i	-0.5252+0.5213i	8.1646-0.9412i	0.4014+1.7318i	0.7314-0.0920i
66.2	0.0139-3.3105i	-1.2094-1.0803i	-62.3423+13.1267i	-1.0527-0.5876i	-0.4306+0.5601i	7.9340-1.2153i	0.5347+1.6401i	0.7603-0.1415i
66.3	-0.2503-3.1817i	-1.4067-1.0977i	-60.8096+19.2919i	-1.0633-0.5342i	-0.3205+0.5486i	7.8392-1.3613i	0.6648+1.5199i	0.7554-0.1668i
66.4	-0.4502-3.0679i	-1.5285-1.0551i	-59.8586+22.1870i	-1.0617-0.4875i	-0.2522+0.5397i	7.6697-1.5354i	0.7470+1.4172i	0.7423-0.2151i
66.5	-0.6137-2.8996i	-1.7222-1.0014i	-57.4888+26.7278i	-1.0649-0.4306i	-0.1995+0.5160i	7.4687-1.6646i	0.8100+1.2811i	0.7247-0.2562i
66.6	-0.8263-2.7271i	-1.9757-0.9301i	-53.3269+30.5747i	-1.0897-0.3789i	-0.1405+0.5086i	7.2608-1.8954i	0.8886+1.1404i	0.7284-0.3100i
66.7	-1.0096-2.6077i	-2.2272-0.8897i	-47.7298+35.7359i	-1.1140-0.3582i	-0.0836+0.5181i	7.2112-2.1349i	0.9707+1.0142i	0.7170-0.3611i
66.8	-1.0584-2.4660i	-2.4514-0.8060i	-44.0739+39.0773i	-1.1005-0.3409i	-0.0309+0.4906i	7.0408-2.2903i	0.9760+0.8905i	0.6790-0.3745i
66.9	-1.0812-2.3132i	-2.6776-0.7033i	-41.8976+39.9723i	-1.0835-0.2911i	0.0068+0.4687i	6.8932-2.4002i	0.9655+0.7840i	0.6274-0.3818i
67.0	-1.1173-2.2261i	-2.8317-0.5615i	-39.3321+41.7732i	-1.0678-0.2452i	0.0349+0.4866i	6.7460-2.6125i	0.9581+0.6844i	0.5974-0.3913i
67.1	-1.1852-2.0645i	-3.0675-0.2563i	-34.5301+43.5036i	-1.0743-0.1871i	0.1117+0.4655i	6.5088-2.7397i	0.9143+0.5538i	0.5569-0.4192i
67.2	-1.1841-1.9222i	-3.2156+0.0060i	-31.4671+44.2792i	-1.0551-0.1680i	0.1595+0.4211i	6.2789-2.8390i	0.8644+0.4419i	0.5217-0.4245i
67.3	-1.1435-1.8201i	-3.2744+0.2954i	-28.7131+46.1118i	-1.0072-0.1471i	0.1955+0.3813i	6.1145-2.9359i	0.7754+0.3619i	0.4538-0.4173i
67.4	-1.1952-1.7627i	-3.3434+0.6844i	-24.7456+45.9378i	-1.0201-0.1090i	0.2516+0.3223i	6.0471-3.0736i	0.7107+0.2925i	0.4439-0.3966i
67.5	-1.2180-1.6870i	-3.3103+0.9814i	-21.1120+46.6568i	-1.0203-0.0994i	0.2717+0.2864i	5.8482-3.1352i	0.6281+0.2493i	0.4330-0.4085i
67.6	-1.2101-1.5441i	-3.2345+1.2750i	-17.2781+47.1876i	-0.9974-0.0659i	0.2898+0.2206i	5.5183-3.2428i	0.5288+0.2213i	0.3973-0.3829i
67.7	-1.1437-1.4954i	-3.1536+1.5314i	-13.4825+47.1498i	-0.9876-0.0621i	0.2734+0.1559i	5.4063-3.3901i	0.4547+0.2310i	0.3869-0.3399i
67.8	-1.1410-1.4496i	-3.0198+1.8224i	-10.1913+46.6110i	-0.9854-0.0404i	0.2581+0.1260i	5.2075-3.5093i	0.3920+0.2334i	0.3873-0.3432i
67.9	-1.1482-1.3697i	-2.9175+1.9605i	-8.5688+45.4045i	-0.9563-0.0056i	0.2681+0.1059i	5.0002-3.5117i	0.3449+0.2471i	0.3628-0.3318i
68.0	-1.1357-1.3246i	-2.7283+2.1082i	-5.9666+42.8080i	-0.9477+0.0080i	0.2496+0.0986i	4.8285-3.5081i	0.3232+0.2727i	0.3541-0.3239i
68.1	-1.1344-1.2891i	-2.5683+2.3073i	-2.0121+41.3162i	-0.9639+0.0232i	0.2537+0.0794i	4.6975-3.5780i	0.2914+0.2998i	0.3473-0.3187i
68.2	-1.1747-1.2267i	-2.4354+2.4604i	-0.4941+40.7082i	-0.9523+0.0515i	0.2842+0.0476i	4.4686-3.6130i	0.2815+0.3019i	0.3326-0.3071i
68.3	-1.1495-1.1834i	-2.2680+2.5887i	0.7484+39.2867i	-0.9392+0.0834i	0.2511+0.0277i	4.3194-3.5775i	0.2645+0.3205i	0.3392-0.2984i
68.4	-1.1825-1.1621i	-2.1168+2.7563i	2.7012+38.7375i	-0.9662+0.1126i	0.2496+0.0175i	4.2727-3.6313i	0.2554+0.3365i	0.3413-0.3272i
68.5	-1.1541-1.1121i	-1.8365+2.8460i	4.8381+37.9209i	-0.9352+0.1496i	0.2117-0.0206i	4.0782-3.7485i	0.2392+0.3686i	0.3246-0.3408i
68.6	-1.1589-1.0537i	-1.5994+2.8285i	6.7665+35.3772i	-0.9155+0.1863i	0.1760-0.0258i	3.8783-3.8143i	0.2360+0.3653i	0.3318-0.3336i

68.7	-1.1672-1.0500i	-1.3650+2.8603i	8.4336+34.7127i	-0.9086+0.2190i	0.1473+0.0131i	3.6998-3.8537i	0.2387+0.3907i	0.3163-0.3266i
68.8	-1.1351-0.9703i	-1.1844+2.9011i	8.3160+33.2670i	-0.8827+0.2604i	0.1238-0.0206i	3.4819-3.8193i	0.2074+0.3958i	0.2997-0.3174i
68.9	-1.1164-0.9230i	-1.0439+2.8602i	8.2056+32.0365i	-0.8542+0.2815i	0.1364+0.0147i	3.3309-3.7575i	0.2187+0.3817i	0.2815-0.3307i
69.0	-1.1059-0.9193i	-0.8793+2.8324i	9.4733+30.9418i	-0.8201+0.3114i	0.1035+0.0416i	3.1195-3.7555i	0.2087+0.4015i	0.2772-0.3274i
69.1	-1.0639-0.8558i	-0.7208+2.7918i	10.0031+28.7008i	-0.7852+0.3551i	0.0857+0.0277i	2.9421-3.7172i	0.2068+0.4143i	0.2604-0.3231i
69.2	-0.9866-0.8238i	-0.5502+2.7464i	10.5842+27.5343i	-0.7428+0.3719i	0.0525+0.0285i	2.8028-3.6660i	0.2118+0.4279i	0.2546-0.3406i
69.3	-0.9707-0.8216i	-0.4493+2.7331i	11.5070+26.0908i	-0.7094+0.3940i	0.0385+0.0549i	2.6329-3.6820i	0.2004+0.4295i	0.2415-0.3570i
69.4	-0.9465-0.8086i	-0.3495+2.6914i	12.0063+24.6823i	-0.6749+0.4235i	0.0223+0.0819i	2.5024-3.6764i	0.2092+0.4172i	0.2198-0.3560i
69.5	-0.8618-0.8437i	-0.1414+2.6227i	12.3767+23.1572i	-0.6056+0.4574i	-0.0228+0.1378i	2.3165-3.6722i	0.2083+0.4313i	0.1875-0.3620i
69.6	-0.9010-0.8849i	-0.0971+2.4137i	13.8203+22.2706i	-0.5585+0.4466i	0.0106+0.2299i	2.1358-3.5671i	0.2150+0.4403i	0.1635-0.3515i
69.7	-0.8986-0.9083i	-0.0958+2.2636i	12.9474+21.4842i	-0.5104+0.4306i	0.0408+0.2887i	1.9866-3.4208i	0.1963+0.4569i	0.1449-0.3387i
69.8	-0.9291-0.8958i	-0.1131+2.2403i	13.3210+19.8946i	-0.4890+0.4372i	0.1108+0.3218i	1.9262-3.3525i	0.2292+0.4360i	0.1178-0.3556i
69.9	-0.9289-0.8606i	-0.0841+2.2486i	13.2159+18.7347i	-0.4377+0.4468i	0.1515+0.3165i	1.7937-3.3192i	0.2339+0.4168i	0.0797-0.3412i
70.0	-0.9520-0.8918i	-0.0379+2.2210i	12.6090+18.4033i	-0.3803+0.4269i	0.2081+0.3438i	1.6376-3.2138i	0.2191+0.4116i	0.0473-0.3265i
70.1	-0.9440-0.9165i	0.0419+2.2320i	12.5418+18.3474i	-0.3222+0.3958i	0.2470+0.3545i	1.5340-3.1852i	0.2175+0.3921i	0.0103-0.3210i
70.2	-0.9632-0.9490i	0.0729+2.1966i	12.4697+17.1963i	-0.2989+0.3800i	0.2924+0.3735i	1.4210-3.1424i	0.2037+0.3873i	-0.0089-0.3096i
70.3	-1.0025-0.9201i	0.1116+2.1719i	13.3964+16.4486i	-0.2691+0.3571i	0.3593+0.3716i	1.3076-3.0489i	0.1813+0.3843i	-0.0247-0.2789i
70.4	-1.0170-0.9370i	0.1642+2.1755i	13.4085+16.0509i	-0.2600+0.3216i	0.4039+0.3774i	1.2709-2.9679i	0.1630+0.3974i	-0.0417-0.2718i
70.5	-1.0673-0.9369i	0.2376+2.1458i	12.5726+14.9845i	-0.2329+0.2839i	0.4913+0.3652i	1.1606-2.8357i	0.1336+0.4095i	-0.0803-0.2369i
70.6	-1.1149-0.8973i	0.2248+2.1012i	12.1177+14.8405i	-0.2137+0.2675i	0.5541+0.3221i	1.0494-2.7263i	0.1210+0.4142i	-0.0868-0.1969i
70.7	-1.1625-0.8705i	0.2620+2.0572i	12.0693+13.8607i	-0.1851+0.2395i	0.6185+0.3048i	0.9476-2.6602i	0.0897+0.4030i	-0.1120-0.1707i
70.8	-1.1734-0.8688i	0.2708+1.9851i	12.5707+13.6412i	-0.1849+0.1983i	0.6085+0.3059i	0.8863-2.4356i	0.0705+0.4508i	-0.1146-0.1528i
70.9	-1.2292-0.8630i	0.3297+1.9647i	12.4419+13.1760i	-0.1962+0.1818i	0.6942+0.2664i	0.7983-2.3847i	0.0774+0.4750i	-0.1254-0.1169i
71.0	-1.2616-0.8163i	0.3615+1.9596i	12.2612+12.9533i	-0.1834+0.1409i	0.7610+0.2040i	0.7872-2.2700i	0.0712+0.5028i	-0.1523-0.0928i
71.1	-1.2900-0.7923i	0.3521+1.8707i	11.7838+12.8103i	-0.1807+0.1110i	0.8002+0.1639i	0.7524-2.1146i	0.0458+0.5427i	-0.1566-0.0579i
71.2	-1.3287-0.7634i	0.4067+1.8464i	12.2868+12.2465i	-0.1752+0.0893i	0.8568+0.1038i	0.7317-2.0592i	0.0621+0.5719i	-0.1497-0.0224i
71.3	-1.4149-0.7003i	0.4280+1.8433i	12.4603+11.9060i	-0.1914+0.0615i	0.9435+0.0378i	0.7323-1.9374i	0.0684+0.5799i	-0.1737+0.0148i
71.4	-1.4283-0.6439i	0.4643+1.8319i	12.7168+11.6907i	-0.2125+0.0396i	0.9550-0.0455i	0.7211-1.8837i	0.0758+0.6138i	-0.1730+0.0519i
71.5	-1.4546-0.5839i	0.5282+1.8278i	12.8812+11.5129i	-0.2164-0.0032i	0.9711-0.1464i	0.7154-1.7798i	0.0792+0.6372i	-0.1601+0.0878i
71.6	-1.5381-0.5258i	0.5433+1.7905i	12.5766+11.0174i	-0.2334-0.0165i	1.0314-0.1996i	0.7407-1.6628i	0.1021+0.6453i	-0.1676+0.1075i
71.7	-1.5662-0.4563i	0.5785+1.7250i	12.5976+10.8016i	-0.2381-0.0171i	1.0439-0.2764i	0.7333-1.5847i	0.1275+0.6725i	-0.1577+0.1300i
71.8	-1.5232-0.3861i	0.5894+1.7314i	12.5921+11.0010i	-0.2571-0.0190i	1.0150-0.3590i	0.7803-1.5455i	0.1350+0.6787i	-0.1438+0.1582i
71.9	-1.5234-0.2500i	0.5795+1.6585i	12.0827+10.7112i	-0.2765-0.0261i	0.9835-0.4674i	0.7644-1.4086i	0.1513+0.7142i	-0.1416+0.2008i
72.0	-1.5765-0.2042i	0.5891+1.6191i	12.2487+10.4489i	-0.2879-0.0321i	1.0050-0.5366i	0.7782-1.3324i	0.1498+0.7446i	-0.1389+0.2309i
72.1	-1.5535-0.1216i	0.5684+1.5715i	12.2715+10.1397i	-0.2818-0.0466i	0.9909-0.5819i	0.8062-1.1908i	0.1422+0.7248i	-0.1429+0.2347i
72.2	-1.4617-0.0096i	0.5785+1.5231i	12.5534+9.5273i	-0.2851-0.0677i	0.9157-0.6790i	0.7918-1.1540i	0.1676+0.7009i	-0.1245+0.2564i
72.3	-1.4007+0.0540i	0.6245+1.4864i	13.0909+9.0199i	-0.3029-0.0733i	0.8150-0.7290i	0.8061-1.1300i	0.2240+0.7417i	-0.0844+0.2716i
72.4	-1.3356+0.0769i	0.6274+1.4955i	13.3482+9.1216i	-0.3295-0.0702i	0.7591-0.7981i	0.8811-1.0560i	0.2248+0.7828i	-0.0692+0.3092i
72.5	-1.2641+0.0669i	0.6162+1.4864i	13.5344+9.1818i	-0.3463-0.0699i	0.7012-0.8013i	0.9386-1.0041i	0.2378+0.7800i	-0.0451+0.3177i
72.6	-1.2548+0.0955i	0.5976+1.4786i	13.6249+8.8923i	-0.3495-0.0813i	0.7015-0.8392i	0.9712-0.9562i	0.2634+0.7829i	-0.0449+0.3409i
72.7	-1.2193+0.1178i	0.6228+1.4835i	13.3940+8.5823i	-0.3661-0.0921i	0.6448-0.8838i	0.9847-0.9544i	0.2693+0.7779i	-0.0198+0.3531i
72.8	-1.2116+0.1612i	0.6850+1.4718i	13.6006+8.1427i	-0.3686-0.0899i	0.5934-0.9189i	0.9697-0.9729i	0.2934+0.7754i	-0.0024+0.3578i
72.9	-1.1563+0.2058i	0.7215+1.4657i	13.6828+7.9659i	-0.4014-0.0817i	0.5262-0.9495i	1.0161-0.9453i	0.3072+0.7743i	0.0119+0.3829i
73.0	-1.0831+0.2012i	0.7341+1.4614i	13.8047+7.4696i	-0.4003-0.0650i	0.4742-0.9557i	1.0363-0.9360i	0.3067+0.7886i	0.0168+0.3897i
73.1	-1.0237+0.2394i	0.7530+1.4202i	14.1069+7.1756i	-0.4222-0.0609i	0.3832-0.9834i	1.0055-0.8802i	0.3426+0.7873i	0.0556+0.3881i
73.2	-0.9769+0.2523i	0.7478+1.4175i	14.0799+6.9299i	-0.4303-0.0673i	0.3341-0.9925i	1.0475-0.8669i	0.3370+0.7792i	0.0632+0.4049i
73.3	-0.9309+0.2406i	0.7716+1.3887i	14.4277+6.2909i	-0.4505-0.0481i	0.2892-0.9827i	1.0691-0.8710i	0.3209+0.7732i	0.0678+0.4144i
73.4	-0.9289+0.2376i	0.7616+1.3576i	14.6173+6.1140i	-0.4539-0.0638i	0.2727-0.9659i	1.0918-0.7938i	0.3331+0.7730i	0.0824+0.4257i
73.5	-0.8746+0.2231i	0.7713+1.3240i	15.1233+5.7962i	-0.4621-0.0448i	0.2065-0.9274i	1.1252-0.8137i	0.3420+0.7676i	0.0951+0.4165i
73.6	-0.8392+0.2348i	0.7677+1.3333i	15.5239+5.3683i	-0.4939+0.0010i	0.1827-0.9283i	1.1995-0.8264i	0.3351+0.7844i	0.0905+0.4209i
73.7	-0.7954+0.2731i	0.7617+1.2813i	15.4064+4.8630i	-0.5165+0.0220i	0.1634-0.9314i	1.1935-0.7636i	0.3106+0.7764i	0.0901+0.4349i
73.8	-0.7960+0.2697i	0.7919+1.2269i	15.1917+4.4351i	-0.5307+0.0139i	0.1540-0.9212i	1.2401-0.7027i	0.3244+0.7637i	0.0936+0.4359i
73.9	-0.7773+0.2664i	0.7879+1.2037i	15.4247+3.9765i	-0.5303+0.0447i	0.1367-0.9355i	1.2710-0.7135i	0.3304+0.7907i	0.0904+0.4615i
74.0	-0.7673+0.2906i	0.7633+1.1718i	16.0165+3.3899i	-0.5264+0.0794i	0.1264-0.9415i	1.2931-0.7649i	0.3246+0.7857i	0.0817+0.4724i
74.1	-0.6718+0.3043i	0.7094+1.1352i	15.6523+2.7936i	-0.4982+0.1085i	0.0793-0.9205i	1.2548-0.7344i	0.2857+0.7488i	0.0759+0.4650i
74.2	-0.6471+0.2579i	0.7018+1.1747i	15.6731+2.1296i	-0.4846+0.1117i	0.0512-0.9082i	1.2527-0.6934i	0.2674+0.7757i	0.1002+0.4891i
74.3	-0.6263+0.2555i	0.6889+1.2015i	16.0950+1.3346i	-0.4737+0.1415i	0.0628-0.9159i	1.3330-0.7369i	0.2365+0.8003i	0.0839+0.5205i
74.4	-0.5550+0.2169i	0.6732+1.1517i	15.9518+1.0425i	-0.4263+0.1573i	0.0542-0.8954i	1.3070-0.7050i	0.1770+0.8061i	0.0785+0.5263i
74.5	-0.5194+0.1879i	0.6337+1.2068i	16.0277+0.4707i	-0.4079+0.1642i	0.0406-0.9160i	1.3060-0.6948i	0.1317+0.8801i	0.0741+0.5573i
74.6	-0.4850+0.1400i	0.6838+1.2852i	15.8778-0.7031i	-0.3771+0.1760i	0.0021-0.9497i	1.3311-0.7832i	0.1234+0.9961i	0.0761+0.6227i
74.7	-0.4854+0.0547i	0.6699+1.3101i	15.7149-1.2569i	-0.3459+0.1925i	0.0173-0.9335i	1.3817-0.8077i	0.0781+1.0952i	0.0555+0.6628i
74.8	-0.4684+0.0537i	0.6948+1.3235i	15.4903-1.8552i	-0.3389+0.1565i	0.0181-0.9640i	1.4058-0.7963i	0.0876+1.1494i	0.0698+0.7054i
74.9	-0.4815+0.0357i	0.7064+1.3582i	15.0818-2.3713i	-0.3310+0.1338i	-0.0059-0.9959i	1.3902-0.7221i	0.1303+1.2379i	0.0986+0.7579i

75.0	-0.5079-0.0000i	0.7563+1.3707i	14.5740-2.9149i	-0.2984+0.1361i	-0.0525-0.9965i	1.3224-0.6841i	0.1873+1.3285i	0.1381+0.7901i
75.1	-0.4826-0.0303i	0.7767+1.3842i	14.4406-3.3670i	-0.2870+0.1520i	-0.0855-1.0106i	1.3206-0.7470i	0.2107+1.3966i	0.1524+0.8205i
75.2	-0.4792-0.0198i	0.8181+1.3697i	14.0377-3.7085i	-0.2850+0.1490i	-0.1257-1.0102i	1.3558-0.7917i	0.2513+1.4348i	0.1811+0.8479i
75.3	-0.4897-0.0412i	0.8882+1.3716i	13.5057-4.4040i	-0.2552+0.1254i	-0.1649-1.0089i	1.3211-0.8306i	0.3353+1.4954i	0.2136+0.8803i
75.4	-0.5415-0.1188i	0.9446+1.4106i	13.1370-5.4585i	-0.2174+0.0933i	-0.1670-1.0342i	1.2514-0.7982i	0.4332+1.6322i	0.2531+0.9315i
75.5	-0.5502-0.1638i	1.0233+1.4018i	12.7516-5.9786i	-0.2054+0.0683i	-0.2303-1.0294i	1.2367-0.8072i	0.5058+1.7155i	0.3153+0.9592i
75.6	-0.5525-0.2326i	1.0929+1.4544i	12.2521-6.6209i	-0.1928+0.0772i	-0.2494-1.0373i	1.2346-0.9414i	0.5636+1.8550i	0.3576+1.0056i
75.7	-0.5749-0.2180i	1.1462+1.4533i	11.8487-6.4170i	-0.1901+0.0519i	-0.3014-1.0549i	1.1358-0.9263i	0.6545+1.9038i	0.4059+1.0291i
75.8	-0.6109-0.1890i	1.2067+1.3358i	10.9902-6.7351i	-0.2111-0.0089i	-0.3383-1.0713i	1.0979-0.8292i	0.8118+1.8865i	0.4809+1.0441i
75.9	-0.6408-0.1843i	1.2564+1.2379i	10.4490-6.9458i	-0.2090-0.0245i	-0.3807-1.0295i	1.0286-0.7344i	0.9678+1.8609i	0.5439+1.0319i
76.0	-0.6940-0.1919i	1.4089+1.1661i	9.0030-7.5442i	-0.1628-0.0659i	-0.4873-1.0119i	0.8477-0.6921i	1.2190+1.8613i	0.6444+1.0585i
76.1	-0.7340-0.1921i	1.4526+1.1730i	8.5170-8.0306i	-0.1770-0.0859i	-0.5392-1.0279i	0.8077-0.6722i	1.3355+1.9108i	0.6960+1.0814i
76.2	-0.7287-0.1556i	1.4904+1.1070i	8.1767-7.8737i	-0.1826-0.0971i	-0.6021-1.0012i	0.7366-0.6160i	1.4628+1.8335i	0.7682+1.0512i
76.3	-0.7645-0.1288i	1.5156+1.0232i	7.8110-7.8144i	-0.2013-0.1121i	-0.6378-0.9631i	0.6993-0.4850i	1.5652+1.7718i	0.8116+1.0413i
76.4	-0.8297-0.0913i	1.5812+0.8912i	6.9075-7.6267i	-0.2365-0.1729i	-0.6723-0.9125i	0.6368-0.2386i	1.7282+1.6849i	0.8806+1.0191i
76.5	-0.8232-0.0780i	1.6220+0.7969i	6.0709-7.9432i	-0.2158-0.1158i	-0.6935-0.8772i	0.5382-0.2426i	1.8768+1.6547i	0.9336+1.0108i
76.6	-0.7450-0.0880i	1.5641+0.7607i	5.7699-7.9018i	-0.1494-0.0923i	-0.7191-0.8407i	0.5648-0.2063i	1.9155+1.5890i	0.9590+1.0010i
76.7	-0.7444-0.0787i	1.5303+0.7315i	5.6066-7.5522i	-0.1831-0.1666i	-0.7517-0.8192i	0.6373-0.0706i	1.9485+1.5195i	1.0093+0.9857i
76.8	-0.7633-0.0447i	1.5557+0.6742i	4.7757-7.3819i	-0.1799-0.2010i	-0.7758-0.7930i	0.6685+0.1941i	2.0804+1.4315i	1.0658+0.9710i
76.9	-0.7621-0.0048i	1.5296+0.5704i	4.3078-7.0403i	-0.2592-0.2624i	-0.8010-0.7568i	0.8188+0.4458i	2.0795+1.3075i	1.1100+0.9466i
77.0	-0.7196-0.0368i	1.5158+0.5186i	3.9546-6.9115i	-0.3024-0.2993i	-0.8107-0.7381i	0.9500+0.4042i	2.1098+1.2597i	1.1480+0.9256i
77.1	-0.6863-0.0267i	1.4806+0.4690i	3.6390-6.9233i	-0.2233-0.2700i	-0.7890-0.6996i	0.9847+0.5095i	2.1647+1.1939i	1.1662+0.9262i
77.2	-0.6534-0.0344i	1.4458+0.4134i	3.3873-6.4882i	-0.2748-0.3301i	-0.7851-0.6469i	1.3710+0.7455i	2.2001+1.1449i	1.2135+0.9135i
77.3	-0.6336-0.0610i	1.4191+0.3691i	3.1111-6.1778i	-0.3160-0.3511i	-0.8215-0.6193i	1.5312+0.8176i	2.2606+1.0821i	1.2804+0.9034i
77.4	-0.6100-0.0964i	1.3544+0.3170i	3.0316-5.7224i	-0.3178-0.3665i	-0.8542-0.5830i	1.5943+0.9170i	2.2688+0.9881i	1.3580+0.8619i
77.5	-0.5975-0.1396i	1.2882+0.3091i	2.9143-5.5642i	-0.3531-0.3790i	-0.8638-0.5948i	1.7955+0.8397i	2.2878+0.9918i	1.4148+0.8607i
77.6	-0.6174-0.2344i	1.2438+0.2805i	2.4941-5.4596i	-0.3669-0.4451i	-0.8674-0.5632i	1.9777+0.8337i	2.3382+0.8863i	1.4874+0.8269i
77.7	-0.6835-0.3066i	1.2236+0.2583i	1.9509-5.3205i	-0.4128-0.4593i	-0.8635-0.5194i	2.2548+0.7437i	2.3908+0.8043i	1.5496+0.7675i
77.8	-0.7597-0.3404i	1.2031+0.2429i	2.2695-4.9631i	-0.4498-0.4618i	-0.8719-0.4725i	2.2651+0.4485i	2.4567+0.7138i	1.5744+0.6889i
77.9	-0.8421-0.3644i	1.1767+0.2196i	1.9970-4.6364i	-0.4982-0.5139i	-0.8790-0.4405i	2.4252+0.3879i	2.5125+0.6467i	1.6391+0.6284i
78.0	-0.9309-0.3238i	1.1113+0.1943i	1.8166-4.3660i	-0.5731-0.5225i	-0.8641-0.4030i	2.5101+0.4228i	2.5083+0.5414i	1.6699+0.5590i
78.1	-1.0364-0.3258i	1.1129+0.1688i	1.7492-4.2882i	-0.6490-0.5573i	-0.8764-0.3725i	2.5456+0.3386i	2.5894+0.4102i	1.7309+0.5024i
78.2	-1.0610-0.3249i	1.0939+0.1737i	1.6251-4.2387i	-0.6573-0.5616i	-0.8601-0.3481i	2.5315+0.2242i	2.6016+0.3185i	1.7455+0.4512i
78.3	-1.1327-0.2669i	1.0411+0.1768i	1.5550-4.0706i	-0.7105-0.5575i	-0.8830-0.3110i	2.5204+0.2063i	2.6166+0.2108i	1.7813+0.3592i
78.4	-1.2144-0.2086i	1.0109+0.1851i	1.7225-3.8753i	-0.8105-0.5295i	-0.8797-0.2931i	2.7112+0.2240i	2.5987+0.1566i	1.7914+0.3014i
78.5	-1.3441-0.1495i	1.0482+0.1499i	1.2729-4.0094i	-0.8955-0.5999i	-0.8941-0.2686i	2.8651+0.3286i	2.6676+0.0156i	1.8629+0.2286i
78.6	-1.4104-0.0907i	1.0513+0.1392i	1.1697-3.7254i	-0.9379-0.5803i	-0.8877-0.2477i	2.8190+0.1690i	2.6632-0.0909i	1.8661+0.1563i
78.7	-1.4152+0.0014i	1.0057+0.1450i	1.2522-3.5493i	-0.9802-0.4959i	-0.8552-0.2213i	2.9744+0.1177i	2.5897-0.1759i	1.8452+0.0669i
78.8	-1.4223+0.0904i	1.0027+0.1781i	0.8146-3.5311i	-1.0040-0.4698i	-0.8425-0.2349i	3.0251+0.1189i	2.5655-0.2484i	1.8200+0.0292i
78.9	-1.3453+0.1412i	1.0789+0.1696i	0.7159-2.8719i	-0.9478-0.4673i	-0.9059-0.1865i	3.0487-0.0101i	2.5575-0.3468i	1.8033-0.0550i
79.0	-1.3021+0.0940i	1.1360+0.0950i	1.4155-2.3406i	-0.9975-0.6387i	-0.9362-0.1001i	3.1145-0.0223i	2.5223-0.4150i	1.7879-0.0700i
79.1	-1.4481+0.1020i	1.0864-0.0312i	1.9637-2.6482i	-1.2615-0.6906i	-0.8739-0.0285i	3.0936-0.0161i	2.4849-0.5233i	1.8078-0.1045i
79.2	-1.5515+0.2194i	0.9896-0.0644i	1.8287-2.9598i	-1.4454-0.5467i	-0.8178+0.0109i	3.1830-0.1951i	2.4464-0.6275i	1.8235-0.1992i
79.3	-1.6412+0.3258i	0.9540-0.0749i	1.5913-3.2063i	-1.5517-0.4708i	-0.7800+0.0169i	3.2698-0.1875i	2.4018-0.7175i	1.8134-0.2613i
79.4	-1.6265+0.4720i	0.8965-0.0977i	1.5794-3.2413i	-1.6016-0.3232i	-0.7565-0.0094i	3.2748-0.2520i	2.3116-0.7418i	1.7866-0.2948i
79.5	-1.5548+0.5126i	0.8104-0.0827i	1.4615-2.9308i	-1.6382-0.2275i	-0.7274-0.0025i	3.3911-0.4522i	2.2238-0.7590i	1.7534-0.3639i
79.6	-1.4850+0.6213i	0.7342-0.0728i	1.3790-2.9074i	-1.6426-0.1344i	-0.7073+0.0005i	3.3702-0.3621i	2.1171-0.8217i	1.7178-0.3985i
79.7	-1.4575+0.7360i	0.7086-0.0328i	1.2907-2.9183i	-1.6609-0.0069i	-0.6953-0.0044i	3.4807-0.4768i	2.0806-0.8586i	1.7009-0.4482i
79.8	-1.4776+0.7824i	0.6644+0.0083i	1.1224-2.7772i	-1.7174+0.0899i	-0.6565-0.0096i	3.5672-0.5606i	2.0095-0.8673i	1.6824-0.4957i
79.9	-1.4397+0.8360i	0.6767+0.0313i	0.9132-2.6391i	-1.6946+0.1715i	-0.6300-0.0221i	3.5690-0.5686i	1.9613-0.8563i	1.6391-0.5065i
80.0	-1.3818+0.8880i	0.6443+0.0115i	1.2406-2.6467i	-1.6521+0.2666i	-0.5921-0.0110i	3.4551-0.7494i	1.9105-0.8777i	1.5851-0.5357i

2.1.16 Run 2 – IP270 – Accels 25–32

In-plane shaking at 270°. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	18.3086+0.0000i	18.1544+0.0000i	18.5929+0.0000i	15.3233+0.0000i	1.0289+0.0000i	18.8075+0.0000i	14.7722+0.0000i	-14.7897+0.0000i
0.1	16.0994-2.2935i	16.1624-0.3492i	16.4981-0.2963i	13.4831-0.2706i	1.0164+0.9550i	16.6236+1.8103i	12.8390-1.0037i	-13.1271-0.3659i
0.2	0.7560-0.9540i	-0.0944+0.0146i	0.0568+0.0188i	-0.1885-0.1357i	-0.8700-0.4663i	-0.3964-0.1913i	1.5623-1.4514i	-0.2224-1.5787i
0.3	0.6016+0.4026i	0.0855+0.0815i	0.1275+0.0571i	-0.1143+0.1002i	-0.5654+0.6048i	-0.7013+0.6198i	0.1323-0.1877i	-0.0268-0.2806i
0.4	0.3993+0.0493i	-0.0039+0.0241i	0.1111+0.0714i	0.0552+0.0737i	0.0416+0.9602i	-0.2263+0.9110i	-0.7572-0.2948i	-0.4243-0.2194i
0.5	0.4491-0.0599i	-0.0089-0.0528i	0.0325-0.0378i	-0.2079+0.0206i	-0.1378+0.0996i	-0.2328-0.3523i	-0.5005-0.1215i	-0.1586+0.0339i
0.6	0.0532-0.0292i	0.0095-0.0122i	0.0367+0.0334i	0.0087-0.0068i	-0.0805-0.0578i	-0.1150+0.0170i	-0.0980-0.0395i	-0.0431-0.0429i
0.7	-0.0038+0.0126i	0.0046-0.0068i	0.0286+0.0315i	0.0126-0.0220i	-0.0702-0.0516i	-0.0059+0.0313i	-0.0819+0.0339i	-0.0518-0.0070i
0.8	-0.0118+0.0053i	0.0076+0.0126i	0.0623+0.0545i	0.0248-0.0395i	-0.0187-0.0576i	0.0374+0.0065i	-0.0452-0.0177i	-0.0573+0.0115i
0.9	-0.0022+0.0045i	0.0123+0.0095i	0.0921+0.0679i	0.0086-0.0118i	0.0257-0.0244i	0.0567-0.0162i	-0.0007-0.0049i	-0.0544+0.0201i
1.0	-0.0007+0.0014i	0.0189+0.0026i	0.1724+0.0825i	-0.0084+0.0113i	0.0302-0.0094i	0.0541-0.0190i	-0.0177-0.0007i	-0.0629+0.0216i
1.1	-0.0049+0.0003i	0.0268-0.0023i	0.2338+0.0785i	-0.0069+0.0150i	0.0274-0.0102i	0.0763-0.0190i	-0.0014-0.0024i	-0.0878+0.0194i
1.2	-0.0091+0.0017i	0.0273-0.0187i	0.2986+0.0445i	-0.0165+0.0160i	0.0261-0.0185i	0.0965-0.0265i	0.0055+0.0010i	-0.1090+0.0219i
1.3	-0.0115+0.0037i	0.0038-0.0054i	0.3357+0.4454i	-0.0024+0.0061i	0.0471-0.0404i	0.1578-0.0629i	0.0269-0.0183i	-0.1816+0.0640i
1.4	-0.0130+0.0020i	0.0119+0.0135i	0.8229+0.5483i	0.0100+0.0022i	0.0396-0.0517i	0.1682-0.0857i	0.0233-0.0304i	-0.2012+0.0894i
1.5	-0.0215+0.0019i	0.0430-0.0190i	1.2982-1.3096i	0.0084-0.0103i	0.0717-0.0204i	0.2579-0.0894i	0.0352-0.0105i	-0.3140+0.1062i
1.6	-0.0274+0.0065i	0.0353-0.0424i	0.4741-2.2502i	0.0016-0.0108i	0.1163-0.0600i	0.3416-0.1981i	0.0638-0.0301i	-0.4005+0.2316i
1.7	-0.0275+0.0149i	0.0248-0.0413i	-0.2811-1.9336i	0.0047-0.0069i	0.1002-0.1379i	0.3087-0.3795i	0.0571-0.0794i	-0.3617+0.4291i
1.8	-0.0251+0.0291i	0.0220-0.0378i	-0.8262-1.5831i	0.0083-0.0106i	0.0200-0.2208i	0.1382-0.6172i	0.0051-0.1311i	-0.1766+0.6969i
1.9	-0.0118+0.0383i	0.0281-0.0296i	-1.2924-1.0740i	-0.0028-0.0133i	-0.1146-0.2326i	-0.1995-0.6759i	-0.0768-0.1427i	0.2015+0.7691i
2.0	0.0026+0.0273i	0.0521-0.0266i	-1.2996-0.3493i	-0.0234-0.0116i	-0.2143-0.1106i	-0.5120-0.3682i	-0.1509-0.0787i	0.5526+0.4270i
2.1	0.0041+0.0222i	0.1027-0.0360i	-1.0893-0.1331i	-0.0213-0.0069i	-0.2001-0.0468i	-0.5226-0.2221i	-0.1693-0.0389i	0.5713+0.2642i
2.2	-0.0015+0.0214i	0.2292-0.1613i	-0.8651-0.0150i	-0.0257+0.0083i	-0.1597-0.0256i	-0.4943-0.1109i	-0.1805+0.0178i	0.5424+0.1374i
2.3	0.0063+0.0342i	-0.0123-0.4920i	-0.7701+0.0242i	-0.0095+0.0359i	-0.1851-0.0547i	-0.4552-0.0517i	-0.1338+0.0934i	0.4952+0.0697i
2.4	0.0188+0.0210i	-0.3171-0.2301i	-0.6841+0.0421i	0.0090+0.0182i	-0.2122+0.0018i	-0.4105-0.0141i	-0.0685+0.0622i	0.4448+0.0312i
2.5	0.0128+0.0103i	-0.2050-0.0364i	-0.5994+0.0575i	0.0023+0.0058i	-0.1772+0.0406i	-0.3799+0.0126i	-0.0747+0.0387i	0.4131+0.0031i
2.6	0.0083+0.0099i	-0.1416-0.0108i	-0.5531+0.0737i	-0.0000+0.0030i	-0.1600+0.0592i	-0.3593+0.0376i	-0.0792+0.0461i	0.3908-0.0223i
2.7	0.0046+0.0101i	-0.1104-0.0015i	-0.5162+0.0941i	-0.0018+0.0028i	-0.1495+0.0786i	-0.3459+0.0688i	-0.0813+0.0586i	0.3746-0.0547i
2.8	0.0038+0.0090i	-0.0924+0.0015i	-0.4633+0.0879i	-0.0050+0.0032i	-0.1277+0.0782i	-0.3182+0.0787i	-0.0685+0.0588i	0.3469-0.0664i
2.9	0.0026+0.0072i	-0.0807+0.0019i	-0.4273+0.0783i	-0.0007-0.0003i	-0.1145+0.0783i	-0.2971+0.0865i	-0.0622+0.0596i	0.3253-0.0760i
3.0	0.0002+0.0078i	-0.0749+0.0033i	-0.4231+0.0888i	-0.0004+0.0016i	-0.1204+0.0973i	-0.2997+0.1112i	-0.0691+0.0740i	0.3271-0.1009i
3.1	-0.0013+0.0088i	-0.0678+0.0059i	-0.3877+0.0942i	0.0001+0.0003i	-0.0986+0.1116i	-0.2707+0.1357i	-0.0551+0.0878i	0.2992-0.1274i
3.2	-0.0010+0.0074i	-0.0619+0.0048i	-0.3488+0.0851i	0.0000-0.0019i	-0.0655+0.1068i	-0.2298+0.1378i	-0.0324+0.0838i	0.2572-0.1307i
3.3	-0.0043+0.0064i	-0.0575+0.0038i	-0.3408+0.0750i	-0.0037+0.0012i	-0.0666+0.1045i	-0.2288+0.1402i	-0.0331+0.0811i	0.2546-0.1331i
3.4	-0.0050+0.0072i	-0.0556+0.0034i	-0.3246+0.0839i	-0.0024+0.0095i	-0.0536+0.1237i	-0.2080+0.1681i	-0.0233+0.0974i	0.2344-0.1612i
3.5	-0.0066+0.0054i	-0.0530+0.0015i	-0.3041+0.0541i	0.0014+0.0054i	-0.0377+0.0964i	-0.1784+0.1282i	-0.0084+0.0739i	0.2043-0.1231i
3.6	-0.0074+0.0046i	-0.0486+0.0011i	-0.2871+0.0374i	0.0037+0.0073i	-0.0196+0.0769i	-0.1518+0.1080i	0.0079+0.0608i	0.1771-0.1050i
3.7	-0.0072+0.0059i	-0.0438+0.0022i	-0.2581+0.0465i	-0.0061+0.0048i	0.0206+0.0886i	-0.0985+0.1360i	0.0402+0.0747i	0.1237-0.1344i
3.8	-0.0091+0.0073i	-0.0456+0.0077i	-0.2622+0.0745i	-0.0078-0.0098i	0.0128+0.1380i	-0.1205+0.1988i	0.0293+0.1110i	0.1443-0.1953i
3.9	-0.0119+0.0075i	-0.0445+0.0075i	-0.2622+0.0694i	-0.0107-0.0030i	0.0144+0.1484i	-0.1331+0.2148i	0.0237+0.1155i	0.1580-0.2111i
4.0	-0.0125+0.0051i	-0.0461+0.0008i	-0.2662+0.0296i	-0.0071+0.0100i	0.0131+0.0904i	-0.1108+0.1448i	0.0237+0.0697i	0.1329-0.1435i
4.1	-0.0136+0.0031i	-0.0457+0.0013i	-0.2557+0.0313i	-0.0067+0.0118i	0.0347+0.0859i	-0.0782+0.1369i	0.0404+0.0724i	0.1022-0.1372i
4.2	-0.0160+0.0054i	-0.0467+0.0016i	-0.2604+0.0331i	0.0016+0.0092i	0.0263+0.0927i	-0.1006+0.1360i	0.0303+0.0759i	0.1254-0.1368i
4.3	-0.0179+0.0077i	-0.0479+0.0012i	-0.2628+0.0334i	-0.0024+0.0069i	0.0238+0.1014i	-0.1144+0.1494i	0.0230+0.0834i	0.1430-0.1509i
4.4	-0.0209+0.0035i	-0.0429+0.0052i	-0.2550+0.0176i	-0.0069-0.0024i	0.0314+0.0628i	-0.0920+0.1205i	0.0407+0.0614i	0.1189-0.1199i
4.5	-0.0251+0.0021i	-0.0394+0.0037i	-0.2701+0.0114i	-0.0105-0.0041i	-0.0040+0.0507i	-0.1265+0.0993i	0.0233+0.0491i	0.1516-0.0968i
4.6	-0.0255+0.0036i	-0.0400+0.0021i	-0.2644+0.0227i	-0.0090-0.0125i	0.0048+0.0828i	-0.1240+0.1298i	0.0289+0.0680i	0.1495-0.1277i
4.7	-0.0287+0.0053i	-0.0362-0.0022i	-0.2532+0.0222i	-0.0240-0.0046i	0.0191+0.0881i	-0.1069+0.1406i	0.0510+0.0677i	0.1298-0.1340i
4.8	-0.0319+0.0013i	-0.0372+0.0017i	-0.2575-0.0079i	-0.0138-0.0114i	0.0159+0.0246i	-0.1192+0.0590i	0.0508+0.0212i	0.1398-0.0545i
4.9	-0.0324+0.0033i	-0.0386+0.0003i	-0.2608-0.0049i	-0.0152-0.0100i	0.0114+0.0340i	-0.1503+0.0755i	0.0426+0.0267i	0.1715-0.0732i
5.0	-0.0333+0.0018i	-0.0419+0.0022i	-0.2515-0.0110i	-0.0096-0.0038i	0.0390+0.0221i	-0.1435+0.0843i	0.0534+0.0179i	0.1665-0.0876i
5.1	-0.0360+0.0030i	-0.0423+0.0058i	-0.2465-0.0049i	0.0004-0.0164i	0.0498+0.0338i	-0.1495+0.1150i	0.0597+0.0359i	0.1728-0.1211i
5.2	-0.0400+0.0025i	-0.0433+0.0025i	-0.2524-0.0026i	-0.0088+0.0056i	0.0311+0.0454i	-0.1792+0.1452i	0.0486+0.0490i	0.2033-0.1462i
5.3	-0.0418+0.0028i	-0.0402-0.0006i	-0.2489-0.0053i	-0.0308+0.0017i	0.0283+0.0510i	-0.1811+0.1909i	0.0482+0.0464i	0.2065-0.1908i
5.4	-0.0505+0.0017i	-0.0407-0.0016i	-0.2633-0.0060i	-0.0198+0.0117i	-0.0117+0.0601i	-0.2237+0.1906i	0.0336+0.0459i	0.2477-0.1885i
5.5	-0.0544+0.0023i	-0.0411+0.0003i	-0.2631-0.0128i	-0.0037+0.0067i	-0.0152+0.0461i	-0.2211+0.2176i	0.0429+0.0376i	0.2479-0.2160i
5.6	-0.0551+0.0023i	-0.0376+0.0039i	-0.2552-0.0194i	-0.0149-0.0190i	-0.0045+0.0382i	-0.1907+0.2719i	0.0704+0.0357i	0.2146-0.2759i

5.7	-0.0581+0.0020i	-0.0394-0.0001i	-0.2603-0.0220i	-0.0149-0.0187i	-0.0061+0.0519i	-0.1775+0.2992i	0.0616+0.0111i	0.2011-0.2989i
5.8	-0.0580-0.0010i	-0.0412-0.0017i	-0.2720-0.0312i	-0.0132+0.0039i	-0.0163+0.0401i	-0.1435+0.3188i	0.0370+0.0091i	0.1660-0.3205i
5.9	-0.0634+0.0027i	-0.0398-0.0006i	-0.2778-0.0288i	-0.0295-0.0019i	-0.0255+0.0612i	-0.1313+0.3569i	0.0324+0.0248i	0.1525-0.3646i
6.0	-0.0642+0.0088i	-0.0422-0.0080i	-0.2738-0.0442i	-0.0383+0.0068i	0.0436+0.0436i	0.0505+0.3824i	0.0517-0.0251i	-0.0268-0.3894i
6.1	-0.0683+0.0093i	-0.0411-0.0101i	-0.2799-0.0340i	-0.0253+0.0047i	0.0164+0.0751i	0.0595+0.4113i	0.0706-0.0047i	-0.0399-0.4170i
6.2	-0.0675+0.0066i	-0.0416-0.0084i	-0.2951-0.0295i	-0.0278-0.0098i	0.0036+0.0520i	0.1108+0.3109i	0.0487-0.0174i	-0.0923-0.3160i
6.3	-0.0687+0.0037i	-0.0471-0.0064i	-0.3093-0.0241i	-0.0169-0.0104i	-0.0304+0.0298i	0.0630+0.1717i	0.0184-0.0140i	-0.0440-0.1753i
6.4	-0.0688+0.0054i	-0.0518-0.0063i	-0.2987-0.0225i	-0.0160-0.0080i	0.0134+0.0884i	0.1161+0.2632i	0.0415-0.0125i	-0.0922-0.2654i
6.5	-0.0776+0.0034i	-0.0519-0.0055i	-0.2960-0.0231i	-0.0234+0.0176i	0.0111+0.1008i	0.0781+0.2740i	0.0296-0.0121i	-0.0544-0.2753i
6.6	-0.0735+0.0075i	-0.0543-0.0086i	-0.2972-0.0261i	-0.0255+0.0090i	0.0430+0.0851i	0.1527+0.2511i	0.0250-0.0287i	-0.1273-0.2510i
6.7	-0.0763+0.0089i	-0.0557-0.0106i	-0.2900-0.0193i	-0.0561+0.0061i	0.0426+0.1079i	0.1601+0.3431i	0.0360+0.0072i	-0.1335-0.3414i
6.8	-0.0779-0.0025i	-0.0634-0.0061i	-0.2970-0.0200i	-0.0461+0.0095i	0.0217+0.0571i	0.1124+0.2106i	0.0102-0.0060i	-0.0831-0.2094i
6.9	-0.0749-0.0152i	-0.0735-0.0024i	-0.3057-0.0238i	-0.0385-0.0013i	0.0315-0.0002i	0.1083+0.0354i	-0.0208-0.0240i	-0.0823-0.0405i
7.0	-0.0548-0.0243i	-0.0891+0.0115i	-0.3051-0.0255i	-0.0269-0.0116i	0.0637+0.0190i	0.1597+0.0534i	-0.0188-0.0337i	-0.1294-0.0598i
7.1	-0.0552-0.0583i	-0.0943+0.0324i	-0.3036-0.0254i	-0.0275-0.0082i	0.0915+0.0360i	0.1773+0.1143i	-0.0200-0.0141i	-0.1366-0.1234i
7.2	-0.1165-0.1020i	-0.0693+0.0629i	-0.3096-0.0284i	-0.0098+0.0041i	0.0749-0.0145i	0.1578+0.0838i	-0.0234+0.0100i	-0.1245-0.1014i
7.3	-0.1738-0.0833i	-0.0386+0.0579i	-0.3096-0.0235i	-0.0236+0.0092i	0.0209-0.0094i	0.1144+0.0945i	0.0101+0.0289i	-0.0909-0.1072i
7.4	-0.2043-0.0418i	-0.0212+0.0360i	-0.3146-0.0191i	-0.0412+0.0033i	-0.0664+0.0011i	-0.0003+0.0694i	0.0298+0.0230i	0.0152-0.0791i
7.5	-0.2032-0.0232i	-0.0262+0.0242i	-0.3146-0.0244i	-0.0249-0.0019i	-0.0279-0.0084i	0.0575+0.0361i	0.0206+0.0077i	-0.0389-0.0480i
7.6	-0.1996-0.0029i	-0.0288+0.0127i	-0.3081-0.0223i	-0.0310-0.0001i	0.0112+0.0440i	0.0910+0.1682i	0.0231+0.0160i	-0.0680-0.1718i
7.7	-0.2073+0.0087i	-0.0310+0.0107i	-0.3175-0.0147i	-0.0567+0.0053i	-0.0323+0.0602i	0.0134+0.1662i	0.0300+0.0163i	0.0090-0.1647i
7.8	-0.2152+0.0035i	-0.0372+0.0102i	-0.3219-0.0191i	-0.0831-0.0123i	-0.0287-0.0177i	0.0611-0.0064i	0.0336+0.0147i	-0.0472+0.0027i
7.9	-0.2217+0.0114i	-0.0404+0.0060i	-0.3183-0.0135i	-0.0860+0.0007i	-0.0210+0.0128i	0.0600+0.0642i	0.0313+0.0091i	-0.0418-0.0678i
8.0	-0.2233+0.0146i	-0.0441+0.0117i	-0.3186-0.0169i	-0.0743-0.0009i	0.0087+0.0274i	0.1093+0.0670i	0.0165+0.0018i	-0.0877-0.0718i
8.1	-0.2271+0.0155i	-0.0457+0.0123i	-0.3177-0.0226i	-0.0738+0.0031i	0.0288+0.0112i	0.1352+0.0248i	0.0074+0.0083i	-0.1140-0.0322i
8.2	-0.2343+0.0276i	-0.0458+0.0104i	-0.3144-0.0236i	-0.0777+0.0409i	0.0371+0.0259i	0.1314+0.0795i	-0.0082+0.0116i	-0.1065-0.0868i
8.3	-0.2457+0.0379i	-0.0511+0.0077i	-0.3163-0.0264i	-0.0694+0.0476i	0.0451+0.0414i	0.1541+0.0860i	0.0027-0.0040i	-0.1267-0.0883i
8.4	-0.2607+0.0320i	-0.0487+0.0057i	-0.3155-0.0291i	-0.0735+0.0360i	0.0317+0.0022i	0.1472+0.0264i	0.0171+0.0059i	-0.1217-0.0343i
8.5	-0.2646+0.0476i	-0.0448+0.0102i	-0.3114-0.0229i	-0.0960+0.0193i	0.0314+0.0216i	0.1116+0.0559i	-0.0115-0.0063i	-0.0877-0.0552i
8.6	-0.2864+0.0625i	-0.0505+0.0089i	-0.3073-0.0234i	-0.1346+0.0597i	0.0343+0.0207i	0.1211+0.0500i	-0.0163-0.0042i	-0.0947-0.0444i
8.7	-0.2989+0.0705i	-0.0545+0.0055i	-0.3106-0.0317i	-0.1281+0.1012i	0.0421+0.0124i	0.1381+0.0723i	-0.0241+0.0136i	-0.1092-0.0748i
8.8	-0.3199+0.0930i	-0.0597+0.0130i	-0.3118-0.0379i	-0.1365+0.0953i	0.0440+0.0110i	0.1531+0.0691i	-0.0166+0.0235i	-0.1277-0.0734i
8.9	-0.3424+0.1173i	-0.0662+0.0243i	-0.3114-0.0394i	-0.1408+0.0702i	0.0289-0.0017i	0.1419+0.0760i	-0.0199+0.0342i	-0.1145-0.0792i
9.0	-0.3404+0.1477i	-0.0712+0.0222i	-0.3171-0.0464i	-0.1285+0.1278i	0.0232-0.0100i	0.1079+0.1147i	-0.0368+0.0296i	-0.0753-0.1197i
9.1	-0.3324+0.2067i	-0.0669+0.0257i	-0.3120-0.0478i	-0.1196+0.2117i	0.0213-0.0011i	0.1298+0.0689i	-0.0275+0.0337i	-0.1004-0.0706i
9.2	-0.3390+0.2305i	-0.0731+0.0340i	-0.3110-0.0548i	-0.1256+0.2278i	0.0218-0.0068i	0.1378+0.0977i	-0.0370+0.0509i	-0.1083-0.1045i
9.3	-0.2770+0.3306i	-0.0663+0.0625i	-0.3148-0.0646i	-0.0718+0.3102i	0.0177-0.0256i	0.0985+0.0629i	-0.0254+0.0370i	-0.0666-0.0660i
9.4	-0.1449+0.3547i	-0.0339+0.0804i	-0.3178-0.0624i	0.0688+0.3248i	0.0112-0.0347i	0.1030+0.0092i	-0.0086+0.0371i	-0.0695-0.0122i
9.5	-0.0926+0.2881i	-0.0124+0.0700i	-0.3155-0.0740i	0.1276+0.2654i	0.0025-0.0141i	0.1515+0.0092i	-0.0106+0.0432i	-0.1152-0.0147i
9.6	-0.0865+0.2056i	-0.0000+0.0401i	-0.3090-0.0878i	0.1386+0.1961i	-0.0133+0.0005i	0.1574+0.0131i	-0.0045+0.0516i	-0.1187-0.0235i
9.7	-0.0480+0.1650i	0.0128+0.0251i	-0.3196-0.0885i	0.1785+0.1503i	-0.0045-0.0259i	0.0977-0.0362i	0.0183+0.0341i	-0.0563+0.0316i
9.8	-0.0781+0.1133i	0.0071+0.0128i	-0.3222-0.1005i	0.1544+0.0843i	-0.0033-0.0211i	0.1091-0.0303i	0.0041+0.0278i	-0.0728+0.0265i
9.9	-0.1565+0.0957i	-0.0110+0.0065i	-0.3262-0.1129i	0.0879+0.0385i	-0.0169+0.0203i	0.1531-0.0112i	-0.0169+0.0450i	-0.1321-0.0016i
10.0	-0.1782+0.0701i	-0.0242+0.0012i	-0.3323-0.1180i	0.0687-0.0038i	-0.0261+0.0321i	0.1393-0.0197i	-0.0072+0.0475i	-0.1243+0.0037i
10.1	-0.2004+0.0905i	-0.0309-0.0036i	-0.3270-0.1366i	0.0440+0.0730i	-0.0339+0.0410i	0.1433-0.0102i	0.0090+0.0654i	-0.1068-0.0003i
10.2	-0.2046+0.1063i	-0.0297-0.0004i	-0.3430-0.1527i	0.0170+0.0724i	-0.0077+0.0580i	0.1419-0.0337i	0.0739+0.0747i	-0.1093+0.0280i
10.3	-0.2438+0.0790i	-0.0380-0.0024i	-0.3441-0.1628i	0.0058+0.0361i	-0.0203+0.0641i	0.1466-0.0151i	0.0494+0.0620i	-0.1068+0.0092i
10.4	-0.2584+0.1066i	-0.0408+0.0017i	-0.3514-0.1896i	0.0008+0.1019i	-0.0193+0.0836i	0.1507-0.0239i	0.0278+0.0582i	-0.1079+0.0157i
10.5	-0.2701+0.1022i	-0.0432-0.0006i	-0.3571-0.2030i	-0.0367+0.1429i	0.0108+0.0667i	0.1464-0.0421i	0.0250+0.0295i	-0.0966+0.0411i
10.6	-0.2935+0.0961i	-0.0503+0.0023i	-0.3569-0.2147i	-0.0438+0.1771i	-0.0257+0.0198i	0.1184-0.0083i	-0.0129+0.0073i	-0.0633+0.0061i
10.7	-0.2909+0.1074i	-0.0493+0.0085i	-0.3782-0.2369i	-0.0200+0.1816i	0.0052+0.0812i	0.1411-0.0285i	0.0166+0.0741i	-0.0985+0.0191i
10.8	-0.3203+0.1185i	-0.0503+0.0120i	-0.3909-0.2553i	0.0157+0.2027i	-0.0111+0.0903i	0.1600-0.0389i	0.0073+0.1022i	-0.1100+0.0226i
10.9	-0.3361+0.1127i	-0.0457+0.0112i	-0.4064-0.2344i	0.0168+0.2202i	-0.0121-0.0056i	0.1129-0.0331i	-0.0060+0.0275i	-0.0520+0.0270i
11.0	-0.3450+0.1136i	-0.0476+0.0152i	-0.4175-0.2483i	0.0562+0.1872i	-0.0371+0.0551i	0.1183-0.0132i	-0.0088+0.0661i	-0.0555+0.0081i
11.1	-0.3518+0.1285i	-0.0472+0.0143i	-0.4193-0.3013i	0.1015+0.2297i	-0.0885+0.1474i	0.1152+0.0208i	-0.0313+0.1460i	-0.0536-0.0228i
11.2	-0.3511+0.1304i	-0.0408+0.0189i	-0.4668-0.2947i	0.1076+0.2382i	0.0051+0.1083i	0.1406-0.0107i	0.0384+0.1153i	-0.0796-0.0031i
11.3	-0.3545+0.1168i	-0.0464+0.0137i	-0.5161-0.2878i	0.1808+0.2011i	0.1253+0.1076i	0.1911-0.0266i	0.1276+0.0964i	-0.1341+0.0155i
11.4	-0.3699+0.0991i	-0.0437+0.0036i	-0.5160-0.2555i	0.1916+0.2189i	0.1298+0.0718i	0.1987-0.0223i	0.1408+0.0598i	-0.1384+0.0089i
11.5	-0.3931+0.0993i	-0.0499+0.0114i	-0.4968-0.2682i	0.2298+0.1523i	0.0953+0.0616i	0.1806-0.0391i	0.1133+0.0522i	-0.1292+0.0234i
11.6	-0.4103+0.0959i	-0.0553+0.0164i	-0.5358-0.2892i	0.2532+0.0873i	0.1228+0.0963i	0.1803-0.0009i	0.1308+0.0786i	-0.1207-0.0176i
11.7	-0.4483+0.0939i	-0.0517+0.0046i	-0.4969-0.3295i	0.2286+0.1062i	0.0699+0.0483i	0.1468-0.0393i	0.0848+0.0346i	-0.0826+0.0248i
11.8	-0.4790+0.0873i	-0.0491+0.0018i	-0.5096-0.3416i	0.2491+0.0943i	0.1038+0.0321i	0.1636-0.0305i	0.1123+0.0240i	-0.1013+0.0308i
11.9	-0.5049+0.0793i	-0.0453+0.0010i	-0.5273-0.3569i	0.1993+0.0988i	0.1600+0.0513i	0.1972+0.0098i	0.1595+0.0331i	-0.1308-0.0134i

12.0	-0.5388+0.0846i	-0.0465-0.0018i	-0.4990-0.3969i	0.2074+0.0927i	0.1195+0.0132i	0.1783-0.0182i	0.1258-0.0005i	-0.1091+0.0211i
12.1	-0.5846+0.0866i	-0.0513-0.0026i	-0.4603-0.4397i	0.1732+0.0496i	0.1064-0.0521i	0.1905-0.0717i	0.1060-0.0532i	-0.1243+0.0713i
12.2	-0.6346+0.0948i	-0.0610-0.0092i	-0.4533-0.5216i	0.1930+0.0528i	0.0806-0.0619i	0.1709-0.0481i	0.0856-0.0610i	-0.0980+0.0347i
12.3	-0.6768+0.1056i	-0.0694-0.0119i	-0.4713-0.5838i	0.2077+0.0417i	0.0511-0.0874i	0.1779-0.0633i	0.0598-0.0788i	-0.0880+0.0557i
12.4	-0.7370+0.1198i	-0.0679-0.0175i	-0.4560-0.6895i	0.1725+0.0285i	0.0698-0.1137i	0.2344-0.0686i	0.0603-0.1052i	-0.1342+0.0489i
12.5	-0.7943+0.1367i	-0.0662-0.0116i	-0.4520-0.8109i	0.1205+0.0197i	0.0751-0.1423i	0.2740-0.0888i	0.0599-0.1228i	-0.1787+0.0860i
12.6	-0.8492+0.1778i	-0.0747-0.0140i	-0.4861-0.9600i	0.1470+0.0485i	0.0282-0.0891i	0.2619-0.0526i	0.0263-0.0843i	-0.1471+0.0601i
12.7	-0.8896+0.2341i	-0.0832-0.0219i	-0.5724-1.1522i	0.1963+0.0832i	0.0051-0.0505i	0.2807-0.0222i	0.0210-0.0582i	-0.1595+0.0108i
12.8	-0.9121+0.2943i	-0.0950-0.0248i	-0.7431-1.3817i	0.2346+0.0950i	-0.0063-0.0956i	0.3035-0.0619i	0.0180-0.0864i	-0.1822+0.0394i
12.9	-0.9163+0.3458i	-0.1144-0.0257i	-1.0061-1.5832i	0.2646+0.1053i	-0.0477-0.1208i	0.2865-0.1073i	-0.0324-0.0953i	-0.1653+0.1110i
13.0	-0.9112+0.3613i	-0.1321-0.0371i	-1.4161-1.7447i	0.3369+0.1568i	-0.0598-0.1558i	0.2967-0.1432i	-0.0627-0.1101i	-0.1431+0.1455i
13.1	-0.9190+0.3493i	-0.1430-0.0385i	-1.8412-1.7020i	0.3557+0.1326i	-0.0938-0.1392i	0.3174-0.1234i	-0.1002-0.0552i	-0.1402+0.1100i
13.2	-0.9812+0.3282i	-0.1700-0.0312i	-2.2099-1.5057i	0.4395+0.0512i	-0.1426-0.1309i	0.3665-0.1208i	-0.0855-0.0206i	-0.2132+0.0684i
13.3	-1.0625+0.3383i	-0.1869-0.0273i	-2.4323-1.3351i	0.4885+0.0439i	-0.1569-0.1527i	0.4253-0.1693i	-0.0665-0.0439i	-0.2766+0.0868i
13.4	-1.1621+0.3686i	-0.2025-0.0125i	-2.5725-1.1122i	0.4638-0.0115i	-0.1737-0.1454i	0.4566-0.2661i	-0.0395-0.0852i	-0.2979+0.1905i
13.5	-1.2679+0.3865i	-0.2174-0.0110i	-2.7340-0.9210i	0.3978-0.0294i	-0.2649-0.1548i	0.3331-0.3566i	-0.1233-0.1200i	-0.1513+0.2920i
13.6	-1.3777+0.4242i	-0.2275+0.0070i	-2.8426-0.7088i	0.3545-0.0838i	-0.3254-0.1048i	0.2854-0.2724i	-0.2081-0.0495i	-0.0900+0.1783i
13.7	-1.5408+0.5038i	-0.2588+0.0257i	-2.8897-0.4756i	0.4108-0.1392i	-0.3266-0.0453i	0.4474-0.2318i	-0.1479+0.0387i	-0.2564+0.0994i
13.8	-1.7044+0.5771i	-0.3020+0.0396i	-2.9109-0.2709i	0.4654-0.1905i	-0.4012+0.0127i	0.4830-0.2096i	-0.1504+0.1033i	-0.2642+0.0631i
13.9	-1.8092+0.7267i	-0.3264+0.0716i	-2.9042-0.2069i	0.4391-0.1398i	-0.4353+0.0845i	0.4943-0.2548i	-0.1895+0.1123i	-0.2999+0.1139i
14.0	-1.9234+0.9788i	-0.3522+0.1269i	-2.9881-0.2251i	0.4283-0.1466i	-0.4368+0.1261i	0.5639-0.3831i	-0.1599+0.1324i	-0.3908+0.2438i
14.1	-1.9753+1.2001i	-0.3440+0.1810i	-3.1178-0.2007i	0.3886-0.1940i	-0.4197+0.1968i	0.6193-0.4718i	-0.1115+0.1259i	-0.4630+0.3209i
14.2	-2.0295+1.4347i	-0.3469+0.2403i	-3.3318-0.0972i	0.4487-0.2095i	-0.4929+0.3450i	0.5670-0.4886i	-0.1241+0.1497i	-0.3855+0.3289i
14.3	-2.0626+1.6643i	-0.3344+0.2882i	-3.5102+0.0081i	0.4104-0.2035i	-0.4286+0.4577i	0.6470-0.5558i	-0.0808+0.1772i	-0.4518+0.3934i
14.4	-2.0695+1.9209i	-0.3072+0.3387i	-3.6741+0.1612i	0.3788-0.2441i	-0.3390+0.5234i	0.6886-0.6843i	-0.0729+0.1585i	-0.5036+0.5058i
14.5	-2.0809+2.2126i	-0.2961+0.3969i	-3.8482+0.3516i	0.3789-0.2942i	-0.3084+0.4630i	0.6588-0.9375i	-0.0775+0.0983i	-0.4779+0.7487i
14.6	-2.1076+2.7260i	-0.2702+0.4828i	-4.0736+0.6005i	0.3270-0.2509i	-0.3038+0.6056i	0.6444-1.0265i	-0.0881+0.1795i	-0.4870+0.7953i
14.7	-1.8803+3.3166i	-0.2004+0.5890i	-4.2257+0.8462i	0.3341-0.1815i	-0.2408+0.7851i	0.5859-1.1432i	-0.0658+0.2277i	-0.4285+0.8710i
14.8	-0.9897+3.6713i	-0.0067+0.6412i	-4.2604+1.1521i	0.4607-0.1525i	-0.0945+0.9295i	0.2746-1.1888i	-0.0535+0.2505i	-0.1203+0.9205i
14.9	-0.2056+3.4704i	0.1631+0.5820i	-4.2815+1.2902i	0.5794-0.1671i	0.0057+0.8973i	-0.0034-1.1706i	-0.0533+0.2192i	0.1294+0.9150i
15.0	0.2062+2.8368i	0.2660+0.4543i	-4.3317+1.2725i	0.7564-0.3050i	0.0864+0.8074i	-0.0902-0.9674i	-0.0432+0.1985i	0.2236+0.7371i
15.1	0.1751+2.1535i	0.2866+0.3103i	-4.7566+1.1171i	0.9625-0.4561i	-0.0186+0.7179i	-0.1694-0.7749i	-0.1616+0.1463i	0.4097+0.5849i
15.2	-0.2736+1.8101i	0.2497+0.2006i	-5.4881+1.3486i	1.1169-0.5785i	0.0484+0.7309i	0.2513-0.7829i	-0.0790+0.1773i	0.0213+0.5672i
15.3	-0.8309+1.6969i	0.1920+0.1051i	-6.1765+1.7316i	1.1387-0.6953i	0.0965+0.6949i	0.6216-0.9651i	-0.0698+0.1904i	-0.3171+0.7175i
15.4	-1.7115+1.8640i	0.0639+0.0754i	-7.3485+2.6165i	1.3641-1.2008i	-0.0798+0.8737i	0.8596-1.2956i	-0.2172+0.0986i	-0.4583+0.9639i
15.5	-2.3592+2.3388i	-0.0400+0.0945i	-8.1980+3.7032i	1.3946-1.6791i	-0.2156+1.0935i	0.9291-1.7201i	-0.4304+0.0827i	-0.4700+1.3501i
15.6	-3.0027+3.3329i	-0.1415+0.1494i	-9.0313+5.6140i	1.3271-2.3404i	-0.1853+1.6337i	0.9371-2.2589i	-0.6934+0.2073i	-0.3394+1.7391i
15.7	-3.0307+5.2984i	-0.1895+0.2644i	-8.7841+9.1686i	0.4457-3.2967i	0.5147+2.0778i	0.4809-3.3894i	-1.1206+0.7295i	0.1206+2.5703i
15.8	-1.6437+7.1013i	-0.1925+0.4342i	-6.2590+12.0797i	-0.7557-3.6934i	1.4570+2.2976i	-0.7134-4.0625i	-1.1038+1.2943i	1.0980+2.9794i
15.9	1.0398+8.0083i	-0.0731+0.5764i	-1.6655+13.4262i	-2.5305-2.9600i	2.8389+1.6317i	-2.2831-4.1525i	-0.6408+2.0024i	2.3224+2.8751i
16.0	3.1694+7.4059i	0.0947+0.6681i	1.8686+12.5051i	-3.4700-1.8759i	3.3669+0.6117i	-3.4029-3.2381i	0.0467+2.5636i	3.1570+1.9830i
16.1	4.3533+5.8852i	0.3251+0.6508i	3.6675+10.1678i	-3.4412-0.6386i	2.9968-0.3687i	-3.9372-1.7793i	0.9406+2.6627i	3.4608+0.5870i
16.2	4.9078+4.6150i	0.4306+0.5367i	4.4279+8.2071i	-3.0085+0.4352i	2.5413-1.2063i	-4.0112-0.9541i	1.8605+2.4641i	3.3578-0.1394i
16.3	4.8977+3.6907i	0.4355+0.4232i	4.3332+6.9856i	-2.3312+0.9017i	1.9508-1.4969i	-3.8777-0.2553i	2.5158+2.1103i	3.1090-0.7014i
16.4	4.7373+2.8770i	0.3835+0.4203i	3.9497+6.0151i	-1.3360+0.7948i	1.2216-1.4902i	-3.7902+0.3760i	3.1940+1.2659i	2.9241-1.1595i
16.5	4.6072+2.4205i	0.4382+0.4973i	3.6702+5.5882i	-1.0636+0.3113i	1.0348-1.2296i	-3.5159+0.8500i	3.4324+0.3076i	2.6368-1.4742i
16.6	4.6973+1.8451i	0.6528+0.5834i	3.6276+5.2667i	-1.2858-0.3497i	1.1388-1.0836i	-3.0098+1.4900i	3.5033-0.9467i	2.0628-1.9633i
16.7	4.4697+1.2601i	0.8595+0.4324i	3.7015+5.1884i	-1.9191-0.2217i	0.9688-1.3909i	-2.4921+1.7114i	2.6313-1.6280i	1.5710-2.0871i
16.8	4.1034+0.6512i	1.0218+0.1659i	4.1613+4.9259i	-2.4917+0.2760i	0.5637-1.6902i	-2.0846+1.6710i	1.7438-1.8807i	1.2310-1.9695i
16.9	3.5821+0.3750i	0.9536-0.0849i	4.3439+3.9989i	-2.4235+1.1069i	0.0301-1.6915i	-2.0609+1.7157i	1.6837-1.5820i	1.1169-1.8907i
17.0	3.2474+0.3185i	0.9837-0.2409i	4.1200+3.7771i	-2.6699+1.6736i	-0.0215-1.4172i	-2.1238+2.1101i	1.3619-1.9793i	1.3691-2.2522i
17.1	2.9616+0.4304i	0.9407-0.5453i	4.1190+3.6476i	-2.3741+2.7752i	-0.2216-1.4031i	-1.3162+3.1329i	0.5245-2.4021i	0.4654-3.4827i
17.2	3.0652+0.5043i	0.5929-0.9217i	4.4294+3.2321i	-0.9450+3.6146i	-0.2359-1.0677i	0.3485+2.4898i	-0.2818-1.7669i	-1.4688-2.6606i
17.3	3.0951+0.2886i	0.0940-0.8922i	4.4233+2.6576i	0.6967+3.2532i	-0.4742-1.1702i	0.5243+1.2498i	-0.3288-1.1259i	-1.6368-1.1618i
17.4	2.9292+0.1443i	-0.0562-0.6089i	4.1541+2.3381i	1.1190+2.1265i	-0.8158-0.8342i	-0.0178+0.8862i	-0.1117-1.1798i	-1.0020-0.5747i
17.5	2.8640+0.0562i	-0.0761-0.4417i	3.9266+2.1225i	0.9076+1.4262i	-0.6576-0.4115i	-0.2224+0.8717i	-0.2540-1.2931i	-0.6615-0.4413i
17.6	2.8525-0.0704i	-0.0898-0.3651i	3.7752+2.0090i	0.7411+1.2274i	-0.3687-0.2276i	-0.2596+0.8646i	-0.4591-1.1195i	-0.4848-0.3526i
17.7	2.7946-0.2730i	-0.0917-0.3094i	3.6305+1.9322i	0.7024+1.1684i	-0.2092-0.2811i	-0.3361+0.8071i	-0.5645-0.8470i	-0.2913-0.2557i
17.8	2.6576-0.4727i	-0.0954-0.2754i	3.5411+1.9269i	0.7082+1.1231i	-0.1540-0.3153i	-0.4221+0.8637i	-0.5776-0.6214i	-0.1061-0.3066i
17.9	2.3969-0.6582i	-0.1058-0.2303i	3.5343+1.9578i	0.7029+1.0591i	0.0318-0.3754i	-0.3555+1.0240i	-0.4589-0.3646i	-0.0450-0.4908i
18.0	2.0583-0.7451i	-0.1333-0.2063i	3.6614+1.8864i	0.8153+1.1237i	-0.0413-0.5920i	-0.2332+1.0518i	-0.3308-0.2686i	-0.0465-0.5654i
18.1	1.8133-0.6272i	-0.1637-0.1505i	3.7118+1.7108i	1.0578+1.0180i	-0.2002-0.6309i	-0.1228+0.9917i	-0.1504-0.2666i	-0.1565-0.5732i
18.2	1.6103-0.5156i	-0.1965-0.0991i	3.7771+1.5396i	1.3640+0.9525i	-0.3765-0.5947i	-0.0539+0.9704i	-0.0305-0.2774i	-0.2383-0.6052i

18.3	1.5151−0.3825i	−0.1948−0.0374i	3.8098+1.3826i	1.5686+0.7270i	−0.4620−0.4908i	0.0317+0.9475i	−0.0098−0.3374i	−0.3174−0.5973i
18.4	1.5656−0.2056i	−0.1535+0.0311i	3.7493+1.2239i	1.6627+0.2936i	−0.4529−0.3313i	0.0864+0.8592i	−0.0736−0.3567i	−0.4015−0.4873i
18.5	1.7715−0.1291i	−0.0922+0.0952i	3.6866+1.0943i	1.6927−0.3185i	−0.4306−0.1885i	0.0608+0.7995i	−0.0864−0.2790i	−0.4059−0.3263i
18.6	1.9850−0.3285i	0.0183+0.0963i	3.6768+1.0523i	1.1542−0.8603i	−0.3772−0.0305i	0.0649+0.8694i	−0.0586−0.2111i	−0.3245−0.2426i
18.7	1.7518−0.7033i	0.0540−0.0276i	3.7154+0.9817i	0.4009−0.3850i	−0.2716−0.0202i	0.1813+0.8721i	−0.0192−0.2533i	−0.2326−0.2880i
18.8	1.4860−0.7436i	0.0177−0.0601i	3.7718+0.8778i	0.4635−0.0228i	−0.2443+0.0215i	0.2552+0.8216i	−0.0179−0.3211i	−0.2235−0.3416i
18.9	1.3149−0.7128i	−0.0172−0.0598i	3.8167+0.7580i	0.6845+0.0410i	−0.2416+0.0438i	0.2902+0.7620i	−0.0386−0.3236i	−0.2274−0.3560i
19.0	1.1338−0.6452i	−0.0401−0.0449i	3.9048+0.6235i	0.8055−0.0758i	−0.2142+0.0757i	0.3132+0.6771i	−0.0685−0.3509i	−0.2035−0.3197i
19.1	1.0418−0.5298i	−0.0452−0.0304i	3.9272+0.4162i	0.7310−0.1524i	−0.0328+0.0664i	0.3602+0.5766i	−0.0610−0.3607i	−0.2388−0.2674i
19.2	0.9869−0.4287i	−0.0471−0.0128i	3.9105+0.2558i	0.6859−0.2485i	0.0101+0.0152i	0.3458+0.5016i	−0.0768−0.3731i	−0.2127−0.2610i
19.3	0.9440−0.3183i	−0.0642+0.0057i	3.8975+0.0798i	0.7615−0.3197i	0.0071−0.0375i	0.3206+0.4408i	−0.1130−0.3485i	−0.2274−0.2304i
19.4	0.9139−0.2412i	−0.0704+0.0203i	3.8798−0.0939i	0.7357−0.3582i	0.0356−0.0580i	0.3146+0.4109i	−0.1079−0.2771i	−0.2812−0.2249i
19.5	0.8911−0.1818i	−0.0618+0.0571i	3.8442−0.2671i	0.6378−0.5398i	0.0029−0.0825i	0.2606+0.3841i	−0.1465−0.3168i	−0.2042−0.2286i
19.6	0.8777−0.0734i	−0.0557+0.0940i	3.8393−0.4748i	0.6216−0.6834i	−0.0502−0.0763i	0.1974+0.3722i	−0.1386−0.3870i	−0.1028−0.2590i
19.7	0.8878−0.0044i	−0.0330+0.1099i	3.7591−0.6746i	0.4945−0.7093i	−0.0074−0.1187i	0.2000+0.3788i	−0.1295−0.4082i	−0.0879−0.2966i
19.8	0.9461+0.0741i	−0.0017+0.1348i	3.6207−0.8468i	0.3571−0.7651i	−0.0092−0.1474i	0.2060+0.3798i	−0.2092−0.4248i	−0.1221−0.3065i
19.9	1.0189+0.1099i	0.0382+0.1380i	3.4923−0.9218i	0.2256−0.7274i	−0.0448−0.1543i	0.2313+0.3762i	−0.2888−0.3950i	−0.1878−0.3075i
20.0	1.1122+0.0912i	0.0820+0.1197i	3.4123−0.9719i	0.1171−0.6985i	−0.0322−0.1841i	0.3032+0.3174i	−0.3247−0.3548i	−0.2811−0.2857i
20.1	1.1380+0.0463i	0.0950+0.0960i	3.3497−1.0452i	0.1003−0.6569i	−0.0570−0.2002i	0.3006+0.2428i	−0.3368−0.2953i	−0.2580−0.2196i
20.2	1.1525−0.0350i	0.1057+0.0594i	3.2424−1.1205i	0.0263−0.5690i	−0.0708−0.1612i	0.2646+0.2365i	−0.3226−0.2003i	−0.2362−0.2066i
20.3	1.1082−0.0796i	0.0941+0.0450i	3.2434−1.1492i	0.0806−0.5517i	−0.0788−0.2171i	0.2508+0.1646i	−0.2762−0.2390i	−0.1977−0.1499i
20.4	1.0662−0.0700i	0.0907+0.0628i	3.2496−1.2219i	0.0411−0.6697i	−0.1007−0.2373i	0.2025+0.1183i	−0.2543−0.2620i	−0.1409−0.1119i
20.5	1.0437−0.0110i	0.0996+0.0726i	3.2503−1.2853i	−0.0154−0.6743i	−0.0869−0.2364i	0.1889+0.0919i	−0.2279−0.2538i	−0.1330−0.0900i
20.6	1.0672−0.0244i	0.1184+0.0599i	3.2476−1.3851i	−0.1129−0.6525i	−0.1009−0.2374i	0.1731+0.1045i	−0.2531−0.2264i	−0.1687−0.1292i
20.7	1.0869−0.0237i	0.1359+0.0458i	3.2342−1.4464i	−0.1992−0.6062i	−0.1143−0.1652i	0.1640+0.1462i	−0.2594−0.1816i	−0.1790−0.1957i
20.8	1.0683−0.0494i	0.1447+0.0222i	3.2080−1.5640i	−0.2778−0.5042i	−0.1027−0.1743i	0.1388+0.0990i	−0.2000−0.1635i	−0.1092−0.1564i
20.9	1.0213−0.0418i	0.1356+0.0053i	3.1901−1.7851i	−0.2947−0.4401i	−0.0790−0.2264i	0.1186+0.1237i	−0.1692−0.2154i	−0.1259−0.2455i
21.0	1.0291−0.0071i	0.1445+0.0055i	3.2634−1.9956i	−0.2847−0.4622i	−0.1444−0.2648i	0.0964+0.1360i	−0.2204−0.2873i	−0.1283−0.2769i
21.1	1.0633−0.0103i	0.1506−0.0171i	3.1773−2.2459i	−0.3227−0.3811i	−0.1133−0.1990i	0.1406+0.1946i	−0.2187−0.2190i	−0.2282−0.3210i
21.2	1.0842+0.0104i	0.1522−0.0311i	3.0532−2.4481i	−0.3182−0.3211i	−0.1284−0.2059i	0.1393+0.1553i	−0.2321−0.2339i	−0.2372−0.2467i
21.3	1.1039+0.0314i	0.1547−0.0497i	2.9974−2.8347i	−0.3013−0.3017i	−0.1530−0.1748i	0.1114+0.1426i	−0.2627−0.2142i	−0.2414−0.2438i
21.4	1.1275+0.0206i	0.1482−0.0807i	2.8042−3.0747i	−0.2836−0.1938i	−0.1450−0.1286i	0.1222+0.1580i	−0.2498−0.1657i	−0.2664−0.2429i
21.5	1.1559+0.0082i	0.1513−0.1057i	2.5443−3.3015i	−0.3542−0.1520i	−0.1350−0.1129i	0.1274+0.1488i	−0.2312−0.1765i	−0.2738−0.2424i
21.6	1.1588−0.0404i	0.1509−0.1226i	2.4529−3.4811i	−0.3833−0.1627i	−0.1474−0.1265i	0.1208+0.1368i	−0.2565−0.1999i	−0.2875−0.2224i
21.7	1.1359−0.0210i	0.1298−0.1121i	2.1224−3.4350i	−0.3882−0.1638i	−0.1573−0.1133i	0.1239+0.1256i	−0.2700−0.1496i	−0.2927−0.1678i
21.8	1.1379−0.0164i	0.1041−0.1320i	1.7063−3.6170i	−0.3588−0.0944i	−0.1685−0.0824i	0.1337+0.1380i	−0.2942−0.0968i	−0.3313−0.1829i
21.9	1.1504−0.0257i	0.0978−0.1444i	1.5053−3.7279i	−0.3644−0.0429i	−0.1766−0.0775i	0.0981+0.1188i	−0.3010−0.0840i	−0.2761−0.1601i
22.0	1.1959−0.0327i	0.0826−0.1517i	1.1648−3.7165i	−0.3392+0.0002i	−0.1735−0.0939i	0.0909+0.0806i	−0.2893−0.0948i	−0.2521−0.1000i
22.1	1.2193−0.0519i	0.0566−0.1475i	0.8592−3.5018i	−0.2919+0.0515i	−0.1962−0.0928i	0.0672+0.0841i	−0.3220−0.0934i	−0.2515−0.1213i
22.2	1.2326−0.0613i	0.0580−0.1404i	0.7374−3.3822i	−0.3164+0.0975i	−0.2043−0.1213i	0.0730+0.0672i	−0.3093−0.1007i	−0.2440−0.1059i
22.3	1.2569−0.0916i	0.0198−0.1367i	0.3978−3.2768i	−0.1634+0.1194i	−0.2117−0.0996i	0.0776+0.1171i	−0.2733−0.0852i	−0.2547−0.1376i
22.4	1.2198−0.1660i	0.0097−0.1305i	0.3638−3.1564i	−0.1675+0.0407i	−0.2414−0.0658i	0.0932+0.0967i	−0.2796−0.0621i	−0.2978−0.0943i
22.5	1.1950−0.1801i	0.0037−0.1361i	0.4232−3.2214i	−0.1740+0.0761i	−0.2279−0.0372i	0.0968+0.0899i	−0.2953−0.0276i	−0.3005−0.0576i
22.6	1.2727−0.1335i	−0.0174−0.1155i	0.2274−3.1610i	−0.0195+0.0548i	−0.1948−0.0455i	0.0904+0.0781i	−0.2734−0.0495i	−0.2885−0.0547i
22.7	1.3010−0.1774i	−0.0107−0.1053i	0.1672−3.1536i	−0.0569−0.0291i	−0.2202−0.0775i	0.0457+0.0421i	−0.2834−0.0968i	−0.2120−0.0120i
22.8	1.2863−0.2143i	−0.0250−0.1058i	−0.1064−3.2897i	−0.0714−0.0249i	−0.2254−0.0666i	0.0368+0.0678i	−0.2979−0.0617i	−0.2352−0.0265i
22.9	1.3087−0.2836i	−0.0351−0.1186i	−0.2378−3.4889i	0.0230+0.0244i	−0.1875−0.0680i	0.0626+0.0948i	−0.3315−0.0498i	−0.3779−0.0536i
23.0	1.2945−0.3721i	−0.0547−0.1415i	−0.6190−3.8939i	0.0761+0.0180i	−0.2017−0.0493i	0.0920+0.0741i	−0.3697−0.0009i	−0.4175+0.0040i
23.1	1.2607−0.3532i	−0.0552−0.1055i	−1.0557−3.6502i	−0.0326−0.0595i	−0.1863−0.0407i	0.1096+0.0375i	−0.3074+0.0728i	−0.3862+0.0915i
23.2	1.2421−0.3662i	−0.0626−0.0957i	−1.6070−3.5369i	−0.0840−0.0945i	−0.2060+0.0003i	0.0717+0.0490i	−0.2913+0.0807i	−0.3416+0.1021i
23.3	1.1975−0.3909i	−0.0744−0.0928i	−2.3200−3.3612i	−0.1343−0.0836i	−0.2158+0.0362i	0.0545+0.0690i	−0.2934+0.1038i	−0.3221+0.0800i
23.4	1.1734−0.4014i	−0.0679−0.0729i	−2.5261−2.9880i	−0.1951−0.0655i	−0.1818+0.0269i	0.0752+0.0474i	−0.2603+0.0948i	−0.3315+0.1169i
23.5	1.1572−0.4435i	−0.0679−0.0536i	−2.5628−2.5033i	−0.1914−0.0892i	−0.2048−0.0110i	0.0574+0.0103i	−0.2263+0.0460i	−0.2558+0.1485i
23.6	1.1693−0.4255i	−0.0788−0.0393i	−2.7280−1.8766i	−0.1464−0.0329i	−0.2140−0.0204i	0.0156+0.0126i	−0.2371+0.0426i	−0.1806+0.1140i
23.7	1.2134−0.4566i	−0.0696−0.0380i	−2.6825−1.4138i	−0.0837+0.0147i	−0.1974−0.0334i	−0.0086−0.0005i	−0.2262+0.0225i	−0.1349+0.1528i
23.8	1.1917−0.4966i	−0.0600−0.0267i	−2.5844−1.0284i	−0.1145−0.0020i	−0.2247−0.0319i	−0.0345+0.0122i	−0.2351+0.0037i	−0.1088+0.1353i
23.9	1.1720−0.5209i	−0.0496−0.0208i	−2.4004−0.7659i	−0.1617+0.0149i	−0.2438−0.0464i	−0.0420+0.0240i	−0.2615+0.0085i	−0.1312+0.1578i
24.0	1.1607−0.5758i	−0.0363−0.0160i	−2.2230−0.5151i	−0.1388+0.0143i	−0.2192+0.0032i	−0.0116+0.0455i	−0.2541+0.0588i	−0.1956+0.1580i
24.1	1.1288−0.6144i	−0.0394−0.0153i	−2.0385−0.3713i	−0.1104+0.0162i	−0.1828+0.0619i	0.0093+0.0865i	−0.2451+0.1291i	−0.2412+0.1507i
24.2	1.0917−0.6449i	−0.0446−0.0015i	−1.8775−0.1764i	−0.1022−0.0266i	−0.1962+0.0454i	0.0034+0.0912i	−0.2471+0.1059i	−0.2593+0.1122i
24.3	1.0923−0.7021i	−0.0291+0.0006i	−1.7267+0.0124i	−0.1260−0.0903i	−0.2010+0.0471i	−0.0022+0.0822i	−0.2894+0.0722i	−0.2176+0.1525i
24.4	1.0384−0.7209i	−0.0249+0.0013i	−1.5751+0.0944i	−0.1361−0.1044i	−0.1856+0.0633i	−0.0102+0.0863i	−0.2925+0.1330i	−0.1700+0.1571i
24.5	0.9473−0.7398i	−0.0233−0.0002i	−1.4234+0.1722i	−0.1637−0.0511i	−0.1715+0.0523i	0.0284+0.0601i	−0.2589+0.1404i	−0.1848+0.1786i

24.6	0.9017−0.7621i	−0.0226+0.0024i	−1.2773+0.2495i	−0.1330−0.1140i	−0.1587+0.0863i	0.0303+0.0752i	−0.2272+0.1497i	−0.1804+0.1628i
24.7	0.8372−0.7712i	−0.0142−0.0081i	−1.1200+0.2761i	−0.2170−0.0944i	−0.1611+0.1211i	0.0335+0.0807i	−0.1976+0.1905i	−0.1320+0.2347i
24.8	0.7870−0.7196i	−0.0178−0.0091i	−0.9990+0.2779i	−0.2500+0.0095i	−0.1611+0.1411i	0.0256+0.0841i	−0.2054+0.2103i	−0.0929+0.2040i
24.9	0.7499−0.6823i	−0.0041−0.0089i	−0.8799+0.2944i	−0.3731+0.1263i	−0.1346+0.1104i	0.0200+0.0942i	−0.2146+0.2315i	−0.1360+0.1584i
25.0	0.6944−0.6385i	−0.0003−0.0091i	−0.7571+0.2848i	−0.3537+0.1506i	−0.1238+0.0927i	0.0107+0.0697i	−0.1519+0.2086i	−0.0633+0.1873i
25.1	0.6779−0.6216i	−0.0070−0.0102i	−0.6647+0.2712i	−0.2710+0.1726i	−0.1490+0.1097i	−0.0079+0.0730i	−0.1380+0.2011i	0.0059+0.1920i
25.2	0.6721−0.6043i	−0.0053−0.0212i	−0.6040+0.2639i	−0.2839+0.2356i	−0.0975+0.1301i	−0.0080+0.0687i	−0.1414+0.1735i	0.0154+0.1183i
25.3	0.7015−0.6047i	0.0062−0.0193i	−0.5565+0.2689i	−0.2207+0.2507i	−0.0341+0.1783i	0.0475+0.1064i	−0.1005+0.2082i	−0.0889+0.1310i
25.4	0.7100−0.5928i	0.0164−0.0217i	−0.4839+0.2439i	−0.1934+0.2429i	−0.0640+0.1032i	0.0462+0.0784i	−0.0987+0.1950i	−0.0789+0.1568i
25.5	0.7071−0.5798i	0.0123−0.0265i	−0.4302+0.2440i	−0.1538+0.3098i	−0.0850+0.0847i	0.0167+0.0662i	−0.0985+0.1926i	−0.0320+0.1320i
25.6	0.7118−0.5784i	0.0073−0.0326i	−0.3973+0.2433i	−0.0890+0.3153i	−0.1488+0.0629i	0.0130+0.0690i	−0.1656+0.2557i	−0.1565+0.1824i
25.7	0.6859−0.6019i	0.0067−0.0340i	−0.3386+0.2357i	−0.0842+0.2894i	−0.1233+0.1356i	0.0216+0.0927i	−0.0964+0.2440i	−0.1149+0.1928i
25.8	0.6636−0.5930i	0.0003−0.0435i	−0.2811+0.2046i	−0.0873+0.3376i	−0.0485+0.1088i	0.0311+0.0901i	−0.0218+0.2088i	−0.0584+0.1667i
25.9	0.6826−0.5888i	0.0009−0.0469i	−0.2335+0.2028i	−0.0226+0.3665i	−0.1153+0.1944i	0.0143+0.1552i	−0.0632+0.3146i	−0.0657+0.1811i
26.0	0.6834−0.6092i	−0.0215−0.0523i	−0.2230+0.1979i	0.1189+0.3318i	−0.0998+0.2211i	0.0338+0.1421i	−0.0543+0.3326i	−0.0753+0.2113i
26.1	0.6499−0.5993i	−0.0432−0.0463i	−0.1925+0.1780i	0.2018+0.2758i	−0.0426+0.2412i	0.0636+0.1243i	−0.0428+0.2985i	−0.0840+0.1808i
26.2	0.6492−0.5743i	−0.0485−0.0203i	−0.1313+0.1771i	0.1524+0.1759i	−0.0015+0.1813i	0.0841+0.0827i	0.0159+0.1957i	−0.0444+0.1743i
26.3	0.6720−0.5527i	−0.0377−0.0147i	−0.0987+0.1555i	0.1106+0.1663i	0.0037+0.0896i	0.0653+0.0632i	0.0192+0.1745i	0.0045+0.2031i
26.4	0.6802−0.5713i	−0.0407−0.0245i	−0.0767+0.1303i	0.1601+0.1863i	0.0836+0.1178i	0.1043+0.0820i	0.0473+0.2101i	−0.0021+0.1597i
26.5	0.6965−0.6011i	−0.0339−0.0194i	−0.0272+0.1269i	0.1275+0.1646i	0.0562+0.1796i	0.0861+0.1152i	0.0401+0.2399i	0.0572+0.0491i
26.6	0.7036−0.6418i	−0.0302+0.0040i	0.0073+0.1212i	0.1688+0.0772i	−0.0754+0.1836i	0.0272+0.1065i	0.0094+0.2159i	0.1904+0.0724i
26.7	0.6932−0.6592i	−0.0287+0.0148i	0.0319+0.1066i	0.1834+0.0371i	−0.0251+0.0908i	0.0497+0.0730i	0.0107+0.2238i	0.1165+0.1979i
26.8	0.6645−0.6941i	−0.0261+0.0030i	0.0549+0.0924i	0.1916+0.0710i	0.0250+0.0340i	0.0903+0.0396i	0.0188+0.1908i	0.0427+0.2543i
26.9	0.6363−0.7572i	−0.0090−0.0026i	0.0905+0.1114i	0.1341+0.0725i	0.0779+0.0490i	0.1291+0.0441i	0.1221+0.1964i	0.0410+0.2288i
27.0	0.6397−0.7950i	−0.0032+0.0050i	0.1323+0.1407i	0.1570+0.0209i	0.0323+0.0783i	0.1020+0.0582i	0.1231+0.2472i	0.0217+0.1701i
27.1	0.6140−0.8142i	0.0006+0.0064i	0.1926+0.1258i	0.1540+0.0230i	−0.0221+0.1003i	0.0782+0.0477i	0.1193+0.2116i	0.0753+0.1568i
27.2	0.5369−0.8507i	0.0065+0.0092i	0.2818+0.0666i	0.1637−0.0183i	0.0082+0.1039i	0.0829+0.0144i	0.1682+0.1599i	0.1040+0.1633i
27.3	0.4880−0.8934i	0.0235+0.0052i	0.3537+0.0346i	0.1513−0.0308i	0.0154+0.0792i	0.0846+0.0122i	0.1753+0.1444i	0.0895+0.1739i
27.4	0.4224−0.9247i	0.0356−0.0171i	0.4202−0.0713i	0.1139−0.0151i	−0.0548+0.0865i	0.0287+0.0208i	0.1019+0.1097i	0.1654+0.1010i
27.5	0.3459−0.9190i	0.0315−0.0294i	0.4464−0.1569i	0.0707−0.0094i	−0.0434+0.0841i	0.0255+0.0222i	0.0898+0.0929i	0.1817+0.0643i
27.6	0.2498−0.8928i	0.0273−0.0536i	0.4751−0.3109i	0.0844+0.0893i	0.0090+0.0602i	0.0508+0.0158i	0.1162+0.0806i	0.1510+0.0770i
27.7	0.1764−0.8790i	0.0226−0.0568i	0.4932−0.4248i	0.0745+0.0459i	0.0680+0.1024i	0.0841+0.0226i	0.1606+0.0883i	0.1269+0.0687i
27.8	0.1188−0.8431i	0.0188−0.0628i	0.4047−0.5376i	0.1244+0.0322i	0.0446+0.0423i	0.0535−0.0061i	0.1539+0.0438i	0.1561+0.0694i
27.9	0.0699−0.8275i	0.0085−0.0654i	0.3355−0.6183i	0.1196−0.0229i	0.0569+0.0432i	0.0382−0.0013i	0.1425+0.0412i	0.1633+0.0226i
28.0	−0.0012−0.7868i	0.0004−0.0795i	0.1950−0.6791i	0.0723−0.0276i	0.0781+0.1143i	0.0463+0.0451i	0.1364+0.0554i	0.1312−0.0543i
28.1	−0.0635−0.7095i	−0.0165−0.0779i	0.0863−0.6876i	0.0840−0.0317i	0.0721+0.1081i	0.0371+0.0587i	0.1043+0.0498i	0.1120−0.0899i
28.2	−0.1238−0.6349i	−0.0331−0.0686i	−0.0293−0.6722i	0.0606−0.0539i	0.0570+0.0957i	0.0334+0.0537i	0.0892+0.0387i	0.0805−0.0931i
28.3	−0.1515−0.5707i	−0.0471−0.0558i	−0.0998−0.6208i	0.0605−0.1120i	0.0777+0.0634i	0.0394+0.0411i	0.0904+0.0310i	0.0561−0.0885i
28.4	−0.1651−0.4783i	−0.0483−0.0393i	−0.1436−0.5419i	0.0490−0.1380i	0.0312+0.0068i	0.0333−0.0195i	0.0378−0.0278i	0.0640−0.0226i
28.5	−0.1326−0.3970i	−0.0543−0.0299i	−0.1922−0.4756i	0.0959−0.1377i	0.0908+0.0184i	0.0787−0.0091i	0.1011−0.0249i	0.0250−0.0382i
28.6	−0.1170−0.3433i	−0.0544−0.0302i	−0.2049−0.4393i	0.1119−0.0849i	0.0544−0.0287i	0.0533−0.0189i	0.0594−0.0325i	0.0261−0.0255i
28.7	−0.1086−0.2904i	−0.0533−0.0241i	−0.2205−0.3803i	0.0946−0.0321i	0.0144−0.0508i	0.0385−0.0275i	0.0388−0.0599i	0.0371+0.0018i
28.8	−0.0864−0.2459i	−0.0567−0.0131i	−0.2163−0.3374i	0.0681−0.0965i	0.0669+0.0359i	0.0397+0.0067i	0.0767+0.0117i	−0.0062−0.0548i
28.9	−0.0614−0.2182i	−0.0570−0.0125i	−0.2090−0.2985i	0.0606−0.1087i	0.0284−0.0083i	0.0205−0.0155i	0.0524−0.0080i	0.0054+0.0005i
29.0	−0.0412−0.1902i	−0.0471−0.0176i	−0.1961−0.2855i	0.0142−0.0742i	−0.0197−0.0130i	0.0103−0.0095i	0.0165−0.0234i	0.0415+0.0022i
29.1	−0.0236−0.1641i	−0.0326−0.0167i	−0.1559−0.2183i	−0.0312−0.0681i	0.0118+0.0662i	0.0137+0.0224i	0.0282+0.0238i	0.0364−0.0630i
29.2	−0.0015−0.1501i	−0.0346−0.0189i	−0.1272−0.1929i	0.0139−0.0579i	0.0685+0.0517i	0.0254+0.0160i	0.0530+0.0145i	0.0452−0.0503i
29.3	0.0211−0.1379i	−0.0463−0.0075i	−0.1181−0.2015i	0.0197−0.0810i	0.0149+0.0174i	0.0089−0.0191i	−0.0101−0.0060i	−0.0003+0.0101i
29.4	0.0482−0.1172i	−0.0494−0.0168i	−0.1298−0.2235i	0.0549+0.0115i	0.0498+0.0201i	−0.0062−0.0053i	0.0294+0.0208i	−0.0449+0.0325i
29.5	0.0635−0.1044i	−0.0422−0.0194i	−0.0696−0.1808i	0.0712−0.0011i	0.0048−0.0550i	0.0075−0.0210i	0.0114−0.0245i	−0.0068+0.0377i
29.6	0.0732−0.0953i	−0.0400−0.0060i	−0.0186−0.1244i	0.0260−0.0440i	−0.0377−0.0222i	−0.0055−0.0193i	−0.0389−0.0157i	0.0369+0.0813i
29.7	0.0840−0.0883i	−0.0497−0.0002i	−0.0234−0.0753i	0.0621−0.0771i	−0.0412−0.0279i	−0.0077−0.0219i	−0.0313−0.0315i	0.0104+0.0713i
29.8	0.0866−0.0715i	−0.0444+0.0012i	−0.0023−0.1000i	0.0482−0.0374i	−0.0085+0.1316i	−0.0168+0.0362i	0.0206+0.0918i	0.0182−0.0551i
29.9	0.0825−0.1066i	−0.0470−0.0241i	0.0756−0.1169i	0.0736+0.0428i	0.0343+0.0581i	0.0269+0.0741i	0.0318+0.0323i	−0.0830−0.0932i
30.0	0.1276−0.0951i	−0.0296−0.0331i	0.0715−0.1175i	0.0845+0.0549i	0.1093−0.0266i	0.0321+0.0479i	0.0524−0.0295i	−0.1330−0.0361i
30.1	0.1408−0.0450i	−0.0139−0.0098i	0.1273−0.1375i	−0.0345−0.0172i	0.0474+0.0036i	0.0174−0.0092i	0.0291−0.0018i	−0.0053−0.0171i
30.2	0.1436−0.0409i	−0.0101+0.0010i	0.2047−0.1233i	−0.0139−0.0732i	−0.0063+0.0415i	−0.0293+0.0198i	0.0172+0.0351i	0.0409−0.0138i
30.3	0.1332−0.0251i	−0.0261+0.0076i	0.2658−0.1350i	0.0644−0.0558i	−0.0283+0.0730i	−0.0522+0.0088i	0.0044+0.0681i	0.0630−0.0574i
30.4	0.1066−0.0232i	−0.0393+0.0141i	0.3205−0.1468i	0.0929−0.1188i	−0.0697−0.0429i	0.0054−0.0297i	−0.0503−0.0278i	0.1284+0.0525i
30.5	0.1180−0.0319i	−0.0343−0.0010i	0.3342−0.1410i	0.0790−0.0981i	−0.0676−0.0634i	0.0008−0.0048i	−0.0630−0.0146i	0.1193+0.0642i
30.6	0.1402−0.0471i	−0.0412−0.0257i	0.3329−0.1806i	0.0883−0.0028i	0.0579+0.0240i	0.0075+0.0357i	0.0282+0.0323i	−0.0148+0.0117i
30.7	0.1477−0.0449i	−0.0311−0.0290i	0.4248−0.2296i	0.0901−0.0451i	0.0925+0.0299i	0.0145+0.0592i	0.0866+0.0401i	−0.0344−0.0092i
30.8	0.1603−0.0100i	−0.0100−0.0012i	0.5223−0.2417i	0.0741−0.1039i	0.0362−0.0512i	−0.0025−0.0084i	0.0202+0.0019i	−0.0264+0.0085i

30.9	0.1529+0.0076i	-0.0038-0.0135i	0.5884-0.3112i	0.0596-0.0382i	-0.0711-0.0167i	-0.0372-0.0149i	-0.0336+0.0391i	0.0862+0.0104i
31.0	0.1459+0.0111i	0.0032-0.0188i	0.7053-0.3441i	0.0322-0.0311i	-0.0626-0.0074i	-0.0295-0.0040i	-0.0420+0.0708i	0.0915+0.0157i
31.1	0.1453+0.0496i	0.0157-0.0087i	0.8141-0.4681i	0.0446-0.0335i	-0.0664+0.0025i	-0.0284-0.0187i	-0.0310+0.0644i	0.0697+0.0079i
31.2	0.1597+0.0438i	0.0019-0.0396i	0.8505-0.5977i	0.0828-0.0260i	0.0375+0.0392i	0.0023+0.0257i	0.0334+0.0506i	-0.0353-0.0279i
31.3	0.1665+0.0540i	-0.0008-0.0515i	0.9124-0.6677i	0.0924+0.0601i	-0.0264+0.1155i	-0.0013+0.0417i	0.0230+0.0952i	0.0084-0.0781i
31.4	0.1498+0.0887i	0.0249-0.0378i	1.0832-0.8500i	0.0520+0.0947i	-0.1165+0.0008i	-0.0105-0.0329i	-0.0497+0.0308i	0.0154+0.0403i
31.5	0.1577+0.1079i	0.0266-0.0496i	1.0571-1.1779i	0.0295+0.0474i	-0.1092-0.0630i	0.0262-0.0263i	-0.0578-0.0123i	-0.0191+0.0956i
31.6	0.1846+0.1496i	-0.0131-0.0746i	0.7684-1.5316i	0.1112-0.0248i	0.0875+0.0721i	-0.0063+0.0359i	0.0375+0.0491i	-0.0813-0.0737i
31.7	0.1815+0.1459i	-0.0199-0.0847i	0.6377-1.6994i	0.0317-0.1069i	0.0443+0.0570i	-0.0053+0.0213i	0.0371+0.0485i	-0.0840-0.0739i
31.8	0.2037+0.1756i	-0.0253-0.0946i	0.4747-1.8327i	0.0422-0.0594i	-0.0196+0.1396i	-0.0393+0.0118i	0.0079+0.0786i	-0.0405-0.0607i
31.9	0.2548+0.1952i	-0.0156-0.1056i	0.3930-2.0745i	0.0325-0.0431i	0.0541+0.1329i	-0.0407+0.0324i	0.0381+0.0716i	-0.0970-0.0245i
32.0	0.2700+0.2139i	-0.0207-0.0824i	-0.0133-1.8570i	-0.0092-0.1430i	0.1184+0.0871i	-0.0385+0.0550i	0.0473+0.0545i	-0.1660-0.0089i
32.1	0.2361+0.2023i	-0.0701-0.0721i	-0.2577-1.7849i	0.0961-0.1663i	0.1118-0.0001i	0.0092+0.0275i	0.0232+0.0379i	-0.1030+0.0317i
32.2	0.2581+0.2488i	-0.0744-0.0936i	-0.4634-2.0836i	0.0957-0.1602i	0.1149+0.0829i	-0.0191+0.0292i	0.0156+0.0673i	-0.1325-0.0060i
32.3	0.2758+0.2867i	-0.0614-0.0817i	-0.4525-2.1027i	0.0189-0.1515i	0.1100+0.0301i	-0.0023+0.0314i	0.0480+0.0613i	-0.1362+0.0257i
32.4	0.2916+0.3033i	-0.0729-0.0695i	-0.9258-2.0162i	-0.1247-0.1985i	0.1924-0.0308i	0.0826+0.0474i	0.1142+0.0274i	-0.2558+0.0710i
32.5	0.4014+0.3755i	-0.0917-0.0868i	-1.4074-2.0189i	-0.0750-0.2076i	0.1984+0.1374i	0.0034+0.0568i	0.1030+0.0790i	-0.1911-0.0150i
32.6	0.4907+0.4024i	-0.1054-0.0950i	-1.4968-1.7145i	-0.0565-0.0630i	0.2145+0.1738i	-0.0473+0.0411i	0.0757+0.0818i	-0.1905+0.0030i
32.7	0.5050+0.4350i	-0.1222-0.0722i	-1.7312-1.3528i	-0.0677-0.0475i	0.1809+0.1108i	-0.0101-0.0053i	0.0580+0.0486i	-0.1530+0.0321i
32.8	0.5736+0.4419i	-0.1188-0.0517i	-1.6979-1.1581i	-0.0424-0.0494i	0.1438+0.0422i	0.0327-0.0409i	0.0601+0.0429i	-0.0905+0.0871i
32.9	0.6637+0.3647i	-0.1126-0.0589i	-1.7418-0.9645i	0.0052-0.0470i	0.1789-0.0271i	0.0390-0.0096i	0.0598+0.0214i	-0.1377+0.1812i
33.0	0.7006+0.3120i	-0.1139-0.0562i	-1.6647-0.6842i	0.0336-0.0465i	0.0948-0.0749i	0.0226-0.0172i	0.0080-0.0172i	-0.0556+0.2660i
33.1	0.7224+0.2724i	-0.1243-0.0551i	-1.5396-0.5745i	0.0645-0.0559i	0.0508-0.1038i	0.0248-0.0556i	0.0330-0.0445i	0.0338+0.2399i
33.2	0.7542+0.2249i	-0.1323-0.0833i	-1.5484-0.4702i	0.1434-0.0342i	-0.0027-0.1046i	0.0447-0.0940i	0.0150-0.0509i	0.1361+0.2375i
33.3	0.7742+0.1412i	-0.1354-0.0821i	-1.4073-0.3983i	0.1083-0.0945i	0.0043-0.0497i	0.0025-0.0855i	-0.0038-0.0076i	0.1215+0.1465i
33.4	0.7796+0.1051i	-0.1312-0.0697i	-1.2543-0.3400i	0.0840-0.1389i	0.0421-0.0662i	-0.0435-0.0331i	-0.0477+0.0085i	0.0707+0.2046i
33.5	0.7631+0.0925i	-0.1519-0.0782i	-1.3735-0.2373i	0.0811-0.1198i	-0.0986-0.1106i	-0.0358-0.0802i	-0.1058-0.0376i	0.2512+0.2468i
33.6	0.7876+0.0463i	-0.1589-0.0728i	-1.4109-0.2705i	0.0071-0.1855i	-0.1339-0.0621i	-0.0693-0.0793i	-0.1336+0.0028i	0.3118+0.1499i
33.7	0.8125-0.0025i	-0.1859-0.0515i	-1.3495-0.1934i	0.0311-0.2906i	-0.0414-0.0305i	-0.0720+0.0091i	-0.0954+0.1074i	0.2085+0.0487i
33.8	0.8224-0.0704i	-0.1944-0.0227i	-1.2685-0.1437i	-0.1507-0.3383i	-0.0380-0.0384i	-0.0483-0.0154i	-0.0776+0.1383i	0.1783+0.0246i
33.9	0.8484-0.1048i	-0.1891-0.0494i	-1.3836-0.1017i	-0.3229-0.2474i	-0.1341-0.0602i	-0.0171-0.0981i	-0.0307+0.1351i	0.1780-0.0088i
34.0	0.8821-0.2115i	-0.2279-0.0293i	-1.3202+0.0700i	-0.3126-0.1433i	-0.1100-0.0262i	-0.0533-0.0373i	0.0164+0.2101i	0.0904-0.1079i
34.1	0.8421-0.4045i	-0.2543+0.0346i	-1.0243+0.2457i	-0.3457-0.0864i	-0.0452-0.0439i	-0.0339-0.0294i	0.1024+0.1891i	-0.0039-0.0365i
34.2	0.7145-0.5603i	-0.2081+0.0490i	-0.9097+0.2583i	-0.3626+0.0736i	-0.0109-0.0310i	-0.0387+0.0131i	0.1619+0.1440i	-0.0659+0.0426i
34.3	0.5188-0.5504i	-0.1854+0.0515i	-0.7910+0.1997i	-0.2547+0.1817i	-0.0285+0.0472i	-0.0932-0.0388i	0.1539+0.0747i	-0.0309+0.0106i
34.4	0.3290-0.5010i	-0.1903+0.0777i	-0.6353+0.2281i	-0.1428+0.1350i	0.0299-0.0311i	-0.0226-0.0277i	0.1823+0.0214i	-0.0382+0.0920i
34.5	0.1948-0.3972i	-0.2101+0.1031i	-0.4507+0.1709i	0.0211+0.0642i	-0.0371-0.0881i	0.0208-0.0759i	0.1243-0.0283i	0.0341+0.1268i
34.6	0.1690-0.2839i	-0.1918+0.0869i	-0.4903+0.0419i	0.0726-0.0011i	-0.0137-0.0313i	-0.0673-0.0151i	0.0396-0.0145i	-0.0290+0.0688i
34.7	0.1277-0.2279i	-0.2056+0.0865i	-0.4760-0.0414i	0.1201+0.0089i	0.0310-0.0157i	-0.0789-0.0043i	0.0611+0.0102i	-0.0133+0.0799i
34.8	0.1477-0.1553i	-0.1861+0.1074i	-0.4739-0.1661i	0.0663+0.0093i	0.0027-0.0191i	-0.0622+0.0470i	0.0588+0.0612i	0.0042+0.1053i
34.9	0.1950-0.0770i	-0.1651+0.1527i	-0.4831-0.2013i	-0.0098-0.0519i	-0.0309-0.0505i	-0.0555+0.0584i	-0.0083+0.0644i	0.0016+0.1502i
35.0	0.1868-0.0121i	-0.1783+0.1677i	-0.5232-0.2383i	0.0819-0.1349i	-0.0263-0.0583i	-0.0849+0.0358i	-0.0278+0.0789i	-0.0116+0.1605i
35.1	0.1698+0.0154i	-0.2116+0.1774i	-0.5065-0.2759i	0.1835-0.2408i	-0.0066-0.0189i	-0.1260+0.0347i	-0.0184+0.0602i	-0.0298+0.0943i
35.2	0.1853+0.0216i	-0.1751+0.1696i	-0.4800-0.2712i	0.0534-0.1970i	0.0006+0.0211i	-0.1249+0.0671i	0.0279+0.0843i	-0.0026+0.0843i
35.3	0.2134+0.0734i	-0.1417+0.1680i	-0.4995-0.2860i	-0.0463-0.2080i	-0.0109+0.0265i	-0.0603+0.0397i	0.1010+0.1383i	-0.0074+0.0891i
35.4	0.2327+0.1336i	-0.0999+0.2034i	-0.5393-0.3727i	-0.1159-0.2592i	-0.0380-0.0343i	-0.0508-0.0511i	0.1365+0.0824i	0.0701+0.1644i
35.5	0.2104+0.1508i	-0.1640+0.2077i	-0.5079-0.3857i	0.0917-0.2162i	0.0123-0.0643i	-0.0555-0.0310i	0.0813-0.0133i	0.0249+0.1351i
35.6	0.2609+0.1717i	-0.1258+0.1949i	-0.5498-0.4617i	-0.0025-0.2007i	-0.0151-0.0322i	-0.0628+0.0118i	0.0871+0.0243i	0.0284+0.1390i
35.7	0.2942+0.2023i	-0.1163+0.1860i	-0.6453-0.4026i	-0.0425-0.1701i	-0.0045-0.0221i	-0.0702+0.0634i	0.0962+0.0415i	0.0048+0.1414i
35.8	0.3126+0.2127i	-0.0783+0.1794i	-0.6795-0.4406i	-0.1416-0.1555i	-0.0097-0.0343i	-0.0503+0.0469i	0.1035+0.0455i	0.0387+0.1464i
35.9	0.3438+0.2154i	-0.0541+0.1790i	-0.7224-0.4791i	-0.2102-0.1217i	-0.0358-0.0393i	-0.0469+0.0080i	0.1182+0.0476i	0.0920+0.1527i
36.0	0.3518+0.2057i	-0.0691+0.1618i	-0.7581-0.4749i	-0.1451-0.0744i	-0.0400-0.0110i	-0.0643-0.0231i	0.1369-0.0036i	0.1526+0.1195i
36.1	0.3529+0.2139i	-0.0930+0.1673i	-0.7748-0.4444i	-0.0993-0.0673i	0.0224-0.0436i	-0.0105-0.0084i	0.1576-0.0356i	0.1109+0.1441i
36.2	0.3873+0.2552i	-0.0752+0.2168i	-0.8047-0.4606i	-0.1752-0.1319i	-0.0031-0.0523i	-0.0483+0.0651i	0.1213+0.0002i	0.1140+0.1734i
36.3	0.4398+0.2735i	-0.0342+0.1996i	-0.8462-0.4831i	-0.2315-0.0507i	-0.1008-0.0539i	0.0006+0.0179i	0.1611+0.0359i	0.2599+0.1813i
36.4	0.4351+0.2491i	-0.0533+0.1947i	-0.8187-0.4936i	-0.1139-0.0913i	-0.0897-0.0098i	-0.0116-0.0344i	0.1860-0.0225i	0.2515+0.1181i
36.5	0.3897+0.2775i	-0.0986+0.2005i	-0.8637-0.5197i	0.0470-0.0706i	-0.0464-0.0300i	-0.0359-0.0468i	0.1448-0.0958i	0.1868+0.0728i
36.6	0.4243+0.3009i	-0.0571+0.2411i	-0.9283-0.4886i	-0.0383-0.1563i	-0.0355-0.0317i	0.0268-0.0107i	0.1384-0.0302i	0.2011+0.1175i
36.7	0.4349+0.2922i	-0.0477+0.2262i	-0.9536-0.4647i	-0.0003-0.0852i	-0.0075+0.0167i	0.0157-0.0393i	0.1774-0.0676i	0.1432+0.0324i
36.8	0.4639+0.3561i	0.0026+0.2425i	-0.9918-0.5161i	-0.1134-0.2130i	-0.0299-0.0049i	0.0028-0.0691i	0.1493-0.0528i	0.1707+0.0765i
36.9	0.5253+0.4044i	-0.0048+0.2654i	-1.0994-0.5279i	-0.1175-0.3128i	-0.0319-0.0088i	-0.0050-0.0623i	0.1565-0.0443i	0.2045+0.0872i
37.0	0.5437+0.3976i	-0.0529+0.2323i	-1.1804-0.5402i	0.0822-0.2336i	-0.0061+0.0277i	-0.0263-0.0679i	0.1634-0.0780i	0.1320+0.0459i
37.1	0.6265+0.4178i	-0.0214+0.2564i	-1.2745-0.5443i	-0.0554-0.3620i	-0.0243+0.0777i	-0.0918-0.1105i	0.1390-0.0678i	0.1416-0.0284i

37.2	0.6749+0.4306i	0.0282+0.2750i	-1.3433-0.4571i	-0.2017-0.3434i	0.0295+0.0370i	-0.0852-0.0306i	0.1212-0.0348i	0.1174+0.0252i
37.3	0.7468+0.4166i	0.0645+0.2492i	-1.4200-0.4254i	-0.3284-0.3648i	-0.0016+0.0068i	-0.0714-0.0388i	0.1056-0.0418i	0.1234+0.0727i
37.4	0.7828+0.5542i	0.1400+0.3154i	-1.5610-0.5560i	-0.3183-0.6298i	0.0200-0.0661i	-0.0582-0.0201i	0.0777+0.0093i	0.0247+0.0575i
37.5	0.7624+0.4525i	0.1100+0.2845i	-1.5176-0.3915i	-0.2854-0.5000i	0.0249-0.0358i	-0.0658-0.0211i	0.0712-0.0243i	0.0631+0.0228i
37.6	0.8107+0.3427i	0.0892+0.2352i	-1.5813-0.1890i	-0.3778-0.3139i	0.0078-0.0159i	-0.0649+0.0146i	0.0804-0.0352i	0.1146+0.0598i
37.7	0.8172+0.2820i	0.0990+0.2249i	-1.5666-0.0647i	-0.3176-0.2564i	-0.0171-0.0364i	-0.0547-0.0248i	0.0730-0.0457i	0.1841+0.0591i
37.8	0.8676+0.2637i	0.1210+0.2475i	-1.6827-0.0306i	-0.3995-0.3379i	-0.0516-0.0111i	-0.0325-0.0878i	0.0970-0.0075i	0.1907+0.0301i
37.9	0.8820+0.2309i	0.1203+0.2313i	-1.7932+0.1349i	-0.4802-0.2021i	-0.0452+0.0001i	-0.0114-0.1106i	0.1125-0.0237i	0.1907-0.0123i
38.0	0.9136+0.2105i	0.1557+0.2263i	-1.7550+0.2220i	-0.6338-0.1869i	-0.0347+0.0254i	-0.0563-0.1352i	0.1443-0.0295i	0.2046-0.0447i
38.1	0.9425+0.1694i	0.1453+0.1862i	-1.7850+0.3415i	-0.5449-0.1332i	-0.0208+0.0168i	-0.0958-0.1153i	0.1440-0.0595i	0.2006-0.0371i
38.2	0.9598+0.1387i	0.1305+0.1766i	-1.7879+0.4396i	-0.5363-0.1321i	-0.0206+0.0196i	-0.1263-0.0992i	0.1611-0.0833i	0.1964-0.0567i
38.3	0.9749+0.1108i	0.1478+0.1750i	-1.7799+0.5787i	-0.6500-0.0430i	-0.0322+0.0109i	-0.1410-0.0690i	0.1329-0.0876i	0.1960-0.0458i
38.4	0.9951+0.0672i	0.1449+0.1741i	-1.7272+0.6846i	-0.6320+0.0560i	-0.0279+0.0233i	-0.1582-0.0353i	0.1201-0.1194i	0.1849-0.0481i
38.5	0.9808+0.0111i	0.1288+0.1668i	-1.6616+0.8915i	-0.5251+0.0447i	-0.0443+0.0393i	-0.1753-0.0323i	0.0805-0.1250i	0.1541-0.0731i
38.6	0.9443-0.0042i	0.1964+0.1752i	-1.4431+0.9696i	-0.7107+0.0283i	-0.0446+0.0213i	-0.1422-0.0187i	0.0631-0.1176i	0.1690-0.0636i
38.7	0.8908-0.0532i	0.1995+0.1642i	-1.2125+1.2200i	-0.7001+0.1207i	-0.0288+0.0646i	-0.1266-0.0093i	0.0466-0.1051i	0.1548-0.0694i
38.8	0.8984-0.0969i	0.1518+0.1549i	-1.3153+1.3603i	-0.4962+0.2317i	-0.0106+0.0700i	-0.1225-0.0288i	0.0458-0.1137i	0.0821-0.0900i
38.9	0.8902-0.1253i	0.1540+0.1509i	-1.1995+1.3984i	-0.4190+0.2783i	-0.0218+0.0540i	-0.1211-0.0725i	0.0267-0.1358i	0.0955-0.0778i
39.0	0.8350-0.1400i	0.1828+0.1390i	-0.9715+1.4132i	-0.4281+0.3115i	-0.0135+0.0556i	-0.1341-0.0640i	-0.0072-0.1226i	0.0653-0.0770i
39.1	0.7905-0.1296i	0.1787+0.1345i	-0.7655+1.3319i	-0.2638+0.3260i	0.0288+0.0317i	-0.1230-0.0687i	0.0007-0.1079i	0.0635-0.0428i
39.2	0.7741-0.1088i	0.2004+0.1205i	-0.5293+1.1816i	-0.3069+0.2511i	0.0419+0.0419i	-0.1411-0.0613i	0.0058-0.0811i	0.0541-0.0647i
39.3	0.7550-0.0944i	0.2021+0.1170i	-0.4409+1.1447i	-0.3349+0.2069i	0.0332+0.0559i	-0.1556-0.0531i	0.0029-0.0688i	0.0874-0.0586i
39.4	0.7321-0.1106i	0.2406+0.1173i	-0.2446+1.2380i	-0.3814+0.1855i	0.0238+0.0436i	-0.1797-0.0527i	0.0128-0.0374i	0.0829-0.0194i
39.5	0.7173-0.0540i	0.2466+0.0591i	0.0338+0.8870i	-0.4304+0.2816i	0.0385+0.0588i	-0.2007-0.0242i	0.0323-0.0377i	0.0779-0.0234i
39.6	0.7045-0.0529i	0.2415+0.0514i	-0.1294+0.8163i	-0.3647+0.3283i	0.0435+0.0452i	-0.1831-0.0371i	0.0344-0.0208i	0.0830-0.0456i
39.7	0.7181-0.0149i	0.2512+0.0896i	-0.1982+0.8730i	-0.3356+0.2341i	0.0350+0.0142i	-0.1978-0.0643i	0.0301-0.0197i	0.0771-0.0591i
39.8	0.7872+0.0037i	0.2461+0.0514i	-0.2041+0.6743i	-0.3180+0.2943i	0.0493+0.0104i	-0.1694-0.0389i	0.0467-0.0379i	0.0854-0.0560i
39.9	0.8106-0.0240i	0.2046+0.0219i	-0.2526+0.5314i	-0.2237+0.3295i	0.0483+0.0186i	-0.1937-0.0645i	0.0327-0.0359i	0.0795-0.0520i
40.0	0.7924-0.0508i	0.2003+0.0299i	-0.1765+0.6108i	-0.2290+0.2992i	0.0534+0.0093i	-0.1980-0.0360i	0.0472-0.0308i	0.0613-0.0350i
40.1	0.8029-0.0498i	0.2041+0.0351i	-0.2043+0.5156i	-0.2440+0.2629i	0.0586+0.0122i	-0.2118-0.0130i	0.0478-0.0281i	0.0674-0.0462i
40.2	0.8065-0.0482i	0.2141+0.0203i	-0.1968+0.4323i	-0.2985+0.1989i	0.0598+0.0028i	-0.2126-0.0090i	0.0613-0.0249i	0.0623-0.0307i
40.3	0.7825-0.0644i	0.2158+0.0098i	-0.1323+0.4500i	-0.2684+0.2099i	0.0726+0.0032i	-0.2253-0.0204i	0.0736-0.0333i	0.0777-0.0330i
40.4	0.7750-0.0922i	0.2182-0.0188i	-0.1223+0.3929i	-0.2639+0.2798i	0.0545+0.0105i	-0.2357+0.0060i	0.0782-0.0332i	0.0763-0.0336i
40.5	0.7420-0.0882i	0.2196-0.0411i	-0.0755+0.3225i	-0.2945+0.2914i	0.0361+0.0085i	-0.2372+0.0078i	0.0854-0.0068i	0.0614-0.0517i
40.6	0.7191-0.0809i	0.2150-0.0328i	-0.0269+0.2074i	-0.2789+0.1934i	0.0218-0.0002i	-0.2704+0.0364i	0.0820-0.0100i	0.0623-0.0410i
40.7	0.7218-0.0570i	0.2035-0.0721i	-0.1203+0.0053i	-0.1911+0.3434i	0.0293+0.0132i	-0.2855+0.0427i	0.0857-0.0408i	0.0620-0.0399i
40.8	0.7432-0.0339i	0.1946-0.0862i	-0.2496+0.0077i	-0.1983+0.3303i	0.0344-0.0073i	-0.2714+0.0548i	0.0833-0.0293i	0.0652-0.0154i
40.9	0.7686-0.0571i	0.2119-0.0533i	-0.2766+0.0757i	-0.3566+0.1379i	0.0202-0.0326i	-0.2571+0.0417i	0.0964-0.0153i	0.0598-0.0192i
41.0	0.7170-0.0441i	0.1827-0.0692i	-0.3973-0.0056i	-0.3070+0.1775i	0.0071+0.0106i	-0.2583+0.0450i	0.1004-0.0393i	0.0850-0.0557i
41.1	0.7502-0.0137i	0.1936-0.1044i	-0.3228-0.1550i	-0.3470+0.3318i	0.0057+0.0214i	-0.2654+0.0665i	0.1217-0.0570i	0.0873-0.0610i
41.2	0.8252-0.0371i	0.1727-0.0842i	-0.5061+0.0449i	-0.2445+0.3058i	-0.0210-0.0058i	-0.2900+0.0778i	0.1308-0.0316i	0.0805-0.0255i
41.3	0.8030-0.0724i	0.1962-0.0996i	-0.4465+0.0901i	-0.2575+0.3516i	-0.0083+0.0152i	-0.2791+0.1078i	0.1293-0.0294i	0.0840-0.0113i
41.4	0.7228-0.0768i	0.2061-0.1675i	-0.2972-0.0972i	-0.3634+0.5761i	-0.0162+0.0462i	-0.2643+0.1028i	0.1434-0.0756i	0.0657-0.0381i
41.5	0.7655-0.0596i	0.2067-0.1697i	-0.4015-0.1502i	-0.4014+0.4947i	-0.0030+0.0281i	-0.2693+0.1539i	0.1631-0.0745i	0.0685-0.0419i
41.6	0.7974-0.0837i	0.1775-0.1584i	-0.5504-0.0407i	-0.3932+0.4056i	0.0103+0.0301i	-0.2300+0.1885i	0.1522-0.0749i	0.0786-0.0510i
41.7	0.7773-0.0780i	0.1564-0.1612i	-0.5699-0.0577i	-0.3497+0.4539i	0.0028+0.0382i	-0.2411+0.1775i	0.1514-0.0940i	0.0542-0.0488i
41.8	0.7755-0.0740i	0.1301-0.1688i	-0.6477-0.1540i	-0.2800+0.5021i	0.0102+0.0419i	-0.2306+0.1933i	0.1571-0.1228i	0.0651-0.0467i
41.9	0.7642-0.1219i	0.1419-0.1824i	-0.5806-0.1362i	-0.3839+0.5858i	-0.0031+0.0509i	-0.2268+0.1947i	0.1956-0.1422i	0.0670-0.0626i
42.0	0.7454-0.1130i	0.1406-0.2118i	-0.5633-0.2236i	-0.4129+0.7363i	0.0200+0.0730i	-0.2376+0.2214i	0.1821-0.1450i	0.0462-0.0586i
42.1	0.7626-0.1067i	0.1365-0.1882i	-0.6080-0.1476i	-0.3818+0.6604i	0.0310+0.0619i	-0.2098+0.2415i	0.1715-0.1147i	0.0239-0.0316i
42.2	0.8052-0.0572i	0.0823-0.1789i	-0.8151-0.1369i	-0.1688+0.6462i	0.0490+0.0856i	-0.1502+0.2585i	0.1570-0.1545i	0.0408-0.0444i
42.3	0.8369-0.0928i	0.0439-0.2040i	-0.9903-0.0761i	-0.0554+0.7365i	0.0545+0.0924i	-0.1502+0.2307i	0.1493-0.1871i	0.0561-0.0376i
42.4	0.8170-0.0806i	0.0571-0.2030i	-0.9915-0.0769i	-0.1317+0.7673i	0.0515+0.0697i	-0.1420+0.1732i	0.1728-0.2043i	0.0564-0.0384i
42.5	0.8785-0.0731i	0.0759-0.2276i	-0.9802-0.1325i	-0.1820+0.8344i	0.0428+0.0830i	-0.1741+0.1383i	0.1951-0.2630i	0.0570-0.0334i
42.6	0.9390-0.1487i	-0.0163-0.2091i	-1.2680+0.1529i	0.1634+0.7530i	0.0781+0.0602i	-0.1886+0.1614i	0.1253-0.2549i	0.0184-0.0387i
42.7	0.7496-0.2383i	-0.0379-0.1956i	-0.9767+0.3241i	0.1802+0.7023i	0.1102+0.0540i	-0.1417+0.1849i	0.0912-0.2257i	0.0217-0.0241i
42.8	0.7149-0.1542i	-0.0403-0.1665i	-0.9727+0.1655i	0.1808+0.6453i	0.1093+0.0563i	-0.1391+0.1547i	0.0931-0.2182i	0.0170-0.0215i
42.9	0.7822-0.1353i	-0.0084-0.1606i	-1.0230+0.1832i	-0.0205+0.6613i	0.0954+0.0279i	-0.1027+0.1426i	0.1139-0.2750i	0.0451-0.0086i
43.0	0.8270-0.2056i	-0.0338-0.1418i	-1.0429+0.3986i	0.0221+0.5982i	0.1471+0.0099i	-0.0551+0.1884i	0.0878-0.2621i	0.0356+0.0061i
43.1	0.7914-0.2333i	-0.0674-0.1186i	-0.9877+0.5422i	0.1652+0.5692i	0.1281-0.0160i	-0.1224+0.1601i	0.0758-0.2405i	0.0368+0.0109i
43.2	0.7247-0.2213i	-0.0827-0.1132i	-1.0546+0.5188i	0.2665+0.6298i	0.1347-0.0158i	-0.1377+0.1902i	0.0410-0.2008i	0.0272+0.0280i
43.3	0.6625-0.1557i	-0.0672-0.0879i	-0.9384+0.4428i	0.3521+0.5757i	0.1319-0.0156i	-0.1123+0.1790i	0.0373-0.2264i	0.0283+0.0438i
43.4	0.7099-0.0879i	-0.0784-0.0736i	-1.0372+0.3576i	0.4069+0.4671i	0.1379-0.0142i	-0.1084+0.1708i	0.0266-0.2152i	0.0353+0.0289i

43.5	0.7247−0.0788i	−0.0590−0.0635i	−0.9816+0.3573i	0.2423+0.3125i	0.1391−0.0251i	−0.0949+0.1514i	0.0946−0.2162i	0.0552+0.0308i
43.6	0.7522−0.0761i	−0.0229−0.0714i	−0.9677+0.3034i	0.1237+0.3945i	0.0975−0.0111i	−0.1196+0.1181i	0.0947−0.2967i	0.0528−0.0199i
43.7	0.8169−0.1702i	−0.0507−0.0847i	−1.1440+0.5318i	0.2459+0.4954i	0.1204−0.0349i	−0.1587+0.1453i	0.0248−0.3086i	0.0576−0.0090i
43.8	0.7399−0.2328i	−0.0723−0.0538i	−0.9721+0.7148i	0.2873+0.3662i	0.1130−0.0667i	−0.1439+0.1960i	−0.0056−0.2485i	0.0607+0.0243i
43.9	0.6289−0.1509i	−0.0647−0.0573i	−0.8271+0.4845i	0.3265+0.4259i	0.1018−0.0608i	−0.1589+0.2059i	−0.0383−0.2969i	0.0479+0.0320i
44.0	0.6462−0.0612i	−0.0363−0.0784i	−0.9059+0.2859i	0.3080+0.5386i	0.1028−0.0374i	−0.1267+0.1745i	−0.0733−0.3565i	0.0505+0.0128i
44.1	0.6572−0.0463i	−0.0631−0.1082i	−0.9819+0.3088i	0.4118+0.5550i	0.1160−0.0601i	−0.1448+0.1557i	−0.1359−0.3219i	0.0236+0.0363i
44.2	0.6886+0.0454i	−0.0611−0.0635i	−1.0723+0.2175i	0.3309+0.5154i	0.1047−0.0577i	−0.1355+0.1662i	−0.1416−0.3273i	0.0326+0.0183i
44.3	0.8599+0.0317i	−0.0494−0.0626i	−1.3453+0.3571i	0.3789+0.5621i	0.1002−0.0630i	−0.1338+0.1837i	−0.1628−0.2626i	0.0387+0.0220i
44.4	0.9547−0.1304i	−0.0461−0.0947i	−1.3474+0.6761i	0.2882+0.6930i	0.0959−0.0809i	−0.1286+0.1713i	−0.1811−0.2083i	0.0677+0.0110i
44.5	0.8716−0.2441i	−0.0657−0.0809i	−1.1308+0.8600i	0.4117+0.7203i	0.0711−0.0695i	−0.1451+0.2089i	−0.2150−0.1992i	0.0685+0.0294i
44.6	0.7139−0.1824i	−0.0768−0.0444i	−0.9125+0.7194i	0.5711+0.5796i	0.0726−0.0696i	−0.1723+0.2341i	−0.1657−0.1466i	0.0666+0.0490i
44.7	0.7342−0.1676i	−0.0535−0.0316i	−0.9127+0.7715i	0.4883+0.5134i	0.0776−0.0616i	−0.1448+0.2530i	−0.1340−0.1303i	0.0465+0.0535i
44.8	0.6558−0.1908i	−0.0566+0.0012i	−0.8609+0.7571i	0.4979+0.3842i	0.0574−0.0392i	−0.0979+0.2862i	−0.1184−0.0991i	0.0595+0.0445i
44.9	0.6176−0.1278i	−0.0478−0.0145i	−0.9009+0.5837i	0.6142+0.4039i	0.0696−0.0152i	−0.0682+0.2825i	−0.1261−0.0705i	0.0684+0.0528i
45.0	0.7287−0.0153i	0.0222−0.0275i	−1.0967+0.4220i	0.4030+0.4112i	0.0616−0.0110i	−0.0867+0.2261i	−0.1801−0.1252i	0.0875+0.0540i
45.1	0.8256−0.0405i	−0.0079−0.0106i	−1.3292+0.6275i	0.4666+0.2661i	0.0811−0.0369i	−0.0356+0.2398i	−0.1746−0.0892i	0.1236+0.0568i
45.2	0.7677−0.1706i	−0.0452−0.0626i	−1.2565+0.8910i	0.6870+0.3826i	0.0802−0.0267i	−0.0192+0.2460i	−0.1804−0.0113i	0.1078+0.0474i
45.3	0.6363−0.1500i	−0.0279−0.1090i	−1.0164+0.7577i	0.6422+0.5083i	0.0967−0.0081i	−0.0637+0.1968i	−0.1921−0.0041i	0.1062+0.0400i
45.4	0.6728−0.0666i	−0.0180−0.1015i	−1.1121+0.7714i	0.5118+0.4651i	0.1032−0.0107i	−0.0892+0.1831i	−0.1674+0.0118i	0.0964+0.0288i
45.5	0.6373−0.0136i	−0.0754−0.0865i	−1.0464+0.7422i	0.7558+0.2914i	0.1174−0.0042i	−0.0953+0.1978i	−0.1315+0.0623i	0.0969+0.0247i
45.6	0.7107+0.1052i	−0.0644−0.0436i	−1.3236+0.6353i	0.5724+0.0557i	0.1571−0.0267i	−0.0988+0.2011i	−0.0938+0.0753i	0.1075+0.0282i
45.7	0.8372+0.0233i	−0.0559−0.0803i	−1.4372+0.9746i	0.5766+0.3299i	0.1678−0.0468i	−0.1194+0.2393i	−0.1041+0.0692i	0.0941+0.0432i
45.8	0.7849−0.0535i	−0.0815−0.0913i	−1.2094+1.0486i	0.7233+0.3842i	0.1669−0.0309i	−0.0939+0.2585i	−0.0719+0.1255i	0.1081+0.0443i
45.9	0.7689−0.0508i	−0.1431−0.1161i	−1.2508+1.0481i	0.9837+0.4224i	0.2018−0.0347i	−0.0653+0.2619i	−0.0079+0.1803i	0.1246+0.0499i
46.0	0.6937−0.1002i	−0.1466−0.0773i	−1.0126+1.1963i	0.9715+0.2819i	0.2022−0.0419i	−0.0415+0.2747i	0.0552+0.1903i	0.1289+0.0540i
46.1	0.6484+0.0243i	−0.1492−0.0720i	−1.0280+0.8900i	1.1188+0.2621i	0.2344−0.0800i	−0.0757+0.3079i	0.0953+0.1453i	0.1304+0.0715i
46.2	0.7624+0.1046i	−0.1357−0.0420i	−1.2946+0.9721i	1.1048+0.1345i	0.2084−0.1188i	−0.0617+0.3316i	0.0970+0.1271i	0.1744+0.0618i
46.3	0.8126+0.1156i	−0.1498−0.0193i	−1.4338+1.1881i	1.1074−0.0841i	0.1814−0.1527i	−0.0107+0.3716i	0.1569+0.1179i	0.1746+0.0717i
46.4	0.8824+0.0254i	−0.1669−0.0066i	−1.3350+1.7310i	1.3398−0.2115i	0.1731−0.1416i	0.0838+0.3811i	0.2569+0.0843i	0.1547+0.0270i
46.5	0.8212−0.0819i	−0.1450+0.0098i	−0.7336+1.8951i	1.2984−0.3800i	0.1516−0.1101i	0.1975+0.3170i	0.2556+0.1022i	0.1691+0.0254i
46.6	0.7437−0.0543i	−0.1535−0.0071i	−0.4956+1.5110i	1.1709−0.4455i	0.2022−0.1088i	0.2196+0.1713i	0.3482−0.0104i	0.1812+0.0431i
46.7	0.7362−0.0340i	−0.1276+0.0481i	−0.4762+1.4960i	0.9924−0.6870i	0.1792−0.1359i	0.1369+0.1007i	0.3379−0.1653i	0.1939+0.0344i
46.8	0.6711+0.0439i	−0.1001+0.0117i	−0.3818+1.2797i	0.5788−0.6201i	0.1729−0.1594i	0.0555+0.0879i	0.2832−0.1834i	0.2139+0.0189i
46.9	0.6698+0.1587i	−0.1191−0.0354i	−0.4698+0.9363i	0.4995−0.3203i	0.2259−0.1327i	0.0169+0.1199i	0.2761−0.1571i	0.1921−0.0205i
47.0	0.7567+0.2072i	−0.1463−0.0239i	−0.7162+0.9508i	0.7014−0.2500i	0.2434−0.1658i	0.0213+0.1445i	0.3148−0.2175i	0.1672−0.0319i
47.1	0.9034+0.1102i	−0.1699+0.0526i	−0.8294+1.5033i	0.8247−0.5097i	0.2089−0.2240i	0.0177+0.1284i	0.2729−0.3443i	0.1689−0.0281i
47.2	0.8109+0.0158i	−0.1346+0.1117i	−0.3987+1.6513i	0.6429−0.8598i	0.1974−0.2534i	0.0251+0.0862i	0.2696−0.4012i	0.1952−0.0449i
47.3	0.6964+0.1212i	−0.0965+0.0810i	−0.2355+1.2068i	0.4641−0.9204i	0.1617−0.2676i	−0.0379+0.0617i	0.1611−0.4169i	0.2019−0.0568i
47.4	0.6934+0.2332i	−0.0841+0.0025i	−0.3891+0.8567i	0.2913−0.5773i	0.1370−0.2418i	−0.1033+0.0880i	0.0717−0.3829i	0.1669−0.0517i
47.5	0.7043+0.3104i	−0.1290−0.0467i	−0.5951+0.7145i	0.3771−0.3647i	0.1258−0.2519i	−0.1316+0.1290i	0.0378−0.3572i	0.1649−0.0677i
47.6	0.6999+0.4800i	−0.2299−0.0388i	−1.0487+0.6703i	0.6918−0.3081i	0.1335−0.2578i	−0.1259+0.1981i	0.0002−0.3252i	0.1528−0.0631i
47.7	1.0312+0.6113i	−0.2542+0.0408i	−1.2647+1.3120i	0.7890−0.6414i	0.1696−0.3197i	−0.0662+0.2304i	0.0342−0.3536i	0.1448−0.0646i
47.8	1.2302+0.3945i	−0.2475+0.0776i	−0.8610+1.6661i	0.6248−0.7009i	0.1287−0.3511i	−0.0579+0.2035i	−0.0245−0.3611i	0.1410−0.0492i
47.9	1.0623+0.2457i	−0.2146+0.1560i	−0.3804+1.4991i	0.3956−0.7417i	0.0669−0.3387i	−0.1067+0.2516i	−0.1033−0.3645i	0.1070−0.0151i
48.0	1.0992+0.3042i	−0.2016+0.1876i	−0.4249+1.4151i	0.5355−0.8816i	0.0793−0.3508i	−0.0736+0.2591i	−0.1144−0.3324i	0.1398−0.0413i
48.1	1.1805+0.1341i	−0.1097+0.1878i	−0.1626+1.5851i	0.3988−0.7179i	0.0524−0.3481i	0.0111+0.2293i	−0.1016−0.3037i	0.1913−0.0496i
48.2	1.0825+0.1795i	−0.0763+0.1728i	−0.0327+1.4006i	0.1417−0.7827i	0.0036−0.3484i	0.0102+0.2388i	−0.1223−0.3006i	0.1599−0.0729i
48.3	1.1699+0.1935i	−0.0672+0.1969i	0.0054+1.2694i	0.0195−0.7066i	−0.0143−0.2975i	0.0410+0.2343i	−0.1255−0.2625i	0.1347−0.0586i
48.4	1.1560+0.2049i	−0.0621+0.2242i	−0.0763+1.1370i	−0.0962−0.6259i	−0.0057−0.2689i	0.0620+0.2055i	−0.1216−0.2605i	0.1446−0.0716i
48.5	1.2335+0.1644i	−0.0435+0.2514i	−0.1192+1.1703i	−0.1518−0.5668i	−0.0487−0.2830i	0.0467+0.1615i	−0.2037−0.2603i	0.1453−0.0660i
48.6	1.3194+0.3145i	−0.0663+0.1816i	−0.3054+1.0481i	0.2308−0.4754i	−0.0571−0.2926i	0.0443+0.1566i	−0.1728−0.1933i	0.1517−0.0360i
48.7	1.4669+0.2719i	−0.0679+0.1983i	−0.3401+1.1460i	0.1870−0.4930i	−0.0731−0.2802i	0.0276+0.1482i	−0.1086−0.2166i	0.1566−0.0615i
48.8	1.6124+0.0572i	−0.0341+0.2609i	−0.2829+1.2862i	−0.0820−0.7593i	−0.0818−0.2563i	0.0365+0.1039i	−0.0757−0.1952i	0.1491−0.0857i
48.9	1.3758−0.1754i	−0.0322+0.2744i	−0.0329+1.1248i	−0.1515−0.7979i	−0.0599−0.2360i	0.0169+0.0562i	−0.0970−0.1405i	0.1442−0.0643i
49.0	1.0142+0.0634i	0.0354+0.2503i	−0.0534+0.7579i	−0.1933−0.5037i	−0.0364−0.2258i	−0.0539+0.0820i	−0.1005−0.1606i	0.1475−0.0444i
49.1	1.1866+0.2986i	0.0434+0.2102i	−0.1873+0.7807i	−0.0630−0.4208i	−0.0434−0.2504i	−0.0470+0.1322i	−0.1204−0.1534i	0.1748−0.0454i
49.2	1.2940+0.3606i	0.0300+0.1875i	−0.2983+0.6822i	−0.0088−0.3394i	−0.0440−0.2799i	−0.0720+0.1510i	−0.0683−0.1678i	0.1787−0.0689i
49.3	1.5296+0.3993i	0.0233+0.2059i	−0.4606+0.7216i	0.0259−0.2663i	−0.0787−0.2932i	−0.0842+0.1557i	−0.1102−0.2196i	0.1502−0.0462i
49.4	1.7985+0.1853i	0.0030+0.2588i	−0.5615+0.8429i	−0.0337−0.5060i	−0.1177−0.2808i	−0.0598+0.1161i	−0.1263−0.2587i	0.1705−0.0847i
49.5	1.6765−0.0849i	0.0179+0.2317i	−0.4428+0.7850i	0.0737−0.3988i	−0.1178−0.2490i	−0.0730+0.1263i	−0.2043−0.2071i	0.1954−0.0754i
49.6	1.5436−0.0562i	0.0279+0.2060i	−0.4738+0.7506i	0.1495−0.3362i	−0.1233−0.2372i	−0.1043+0.1755i	−0.2057−0.1364i	0.1804−0.0790i
49.7	1.4619+0.1391i	0.0612+0.2018i	−0.6245+0.6078i	0.1806−0.4305i	−0.1149−0.2255i	−0.0656+0.1931i	−0.1531−0.0873i	0.1857−0.0907i

49.8	1.7126+0.1953i	0.0476+0.1681i	-0.8439+0.8101i	0.1443-0.4679i	-0.1064-0.2106i	-0.0306+0.2343i	-0.1352-0.1132i	0.1544-0.1140i
49.9	1.8299-0.1447i	0.0882+0.1911i	-0.6375+1.1578i	0.0348-0.4208i	-0.1035-0.1936i	0.0186+0.2276i	-0.1476-0.1369i	0.1486-0.0838i
50.0	1.6869-0.2945i	0.1674+0.2062i	-0.3860+1.1042i	-0.1349-0.4985i	-0.1404-0.1909i	-0.0100+0.1534i	-0.1852-0.0412i	0.1782-0.1124i
50.1	1.6925-0.2628i	0.1578+0.2363i	-0.4329+1.0363i	-0.0726-0.4977i	-0.1633-0.1661i	-0.0440+0.1769i	-0.1597+0.0043i	0.1281-0.1416i
50.2	1.7177-0.3704i	0.1540+0.2502i	-0.4564+1.0956i	-0.0002-0.4918i	-0.1358-0.1559i	-0.0238+0.1639i	-0.1070-0.0089i	0.0981-0.1473i
50.3	1.6172-0.5502i	0.2110+0.2488i	-0.3143+1.1104i	-0.2358-0.4658i	-0.1064-0.1302i	0.0120+0.1515i	-0.0754-0.0500i	0.1084-0.1229i
50.4	1.3735-0.6186i	0.2496+0.2051i	-0.1495+0.9489i	-0.1576-0.3062i	-0.0809-0.1201i	0.0168+0.0945i	-0.0753-0.0229i	0.1036-0.1246i
50.5	1.2094-0.4004i	0.2392+0.1337i	-0.2389+0.7318i	0.0364-0.2212i	-0.0801-0.1446i	-0.0479+0.1060i	-0.0053-0.0242i	0.1055-0.1174i
50.6	1.3231-0.3091i	0.2396+0.1437i	-0.3376+0.8531i	-0.0755-0.1267i	-0.0818-0.1491i	-0.0423+0.1151i	0.0247-0.0560i	0.0962-0.0980i
50.7	1.4579-0.3878i	0.2610+0.2291i	-0.3909+0.9140i	-0.2523-0.2309i	-0.1004-0.1379i	-0.0539+0.0396i	0.0282-0.0586i	0.0897-0.1190i
50.8	1.3815-0.3583i	0.2881+0.2376i	-0.4490+0.8172i	-0.1567-0.4986i	-0.0793-0.1313i	-0.0633+0.0729i	0.0396-0.0855i	0.1032-0.1010i
50.9	1.4445-0.3122i	0.3072+0.2230i	-0.4902+0.8877i	-0.0496-0.7000i	-0.0780-0.1355i	-0.0498+0.0420i	0.0127-0.1206i	0.1128-0.0771i
51.0	1.3021-0.4694i	0.3586+0.1981i	-0.3757+0.7781i	-0.2015-0.6439i	-0.0431-0.1463i	-0.1723-0.0269i	0.0429-0.1094i	0.1017-0.1011i
51.1	1.1504-0.2738i	0.3961+0.1197i	-0.5685+0.5945i	-0.4090-0.3641i	-0.0444-0.1327i	-0.2064+0.0838i	0.0335-0.1486i	0.1197-0.0970i
51.2	1.3421+0.0750i	0.3505+0.0409i	-0.9387+0.7403i	-0.2869-0.4469i	0.0168-0.1802i	-0.1112+0.1553i	0.0732-0.2224i	0.1127-0.1229i
51.3	1.6781-0.0862i	0.3253+0.0794i	-0.7380+1.1081i	-0.3313-0.4766i	0.0189-0.2280i	-0.0888+0.0820i	0.0247-0.2361i	0.0852-0.0952i
51.4	1.6264-0.2132i	0.3597+0.0818i	-0.6545+0.8748i	-0.3252-0.3641i	-0.0301-0.2405i	-0.1218+0.0357i	0.0320-0.3151i	0.0731-0.0808i
51.5	1.4968-0.3443i	0.4306+0.0666i	-0.5031+0.7923i	-0.4709-0.3668i	-0.0616-0.2507i	-0.2148+0.0489i	-0.0010-0.3424i	0.1007-0.0145i
51.6	1.3686-0.1967i	0.4918+0.0342i	-0.6335+0.5368i	-0.6239-0.2399i	-0.1290-0.2153i	-0.2672+0.1469i	-0.1022-0.3429i	0.1804-0.0228i
51.7	1.5238-0.1439i	0.4795+0.0145i	-1.0893+0.4989i	-0.4253-0.3148i	-0.1255-0.2093i	-0.2736+0.1517i	-0.1565-0.3013i	0.1666-0.0916i
51.8	1.5006-0.0703i	0.4595-0.0901i	-1.1768+0.6008i	-0.2914-0.3980i	-0.1093-0.2240i	-0.3003+0.2104i	-0.1532-0.3068i	0.1456-0.0597i
51.9	1.4933-0.0635i	0.4437-0.1368i	-0.9863+0.5895i	-0.3010-0.1280i	-0.0925-0.2125i	-0.2841+0.2317i	-0.1389-0.2800i	0.1476-0.0384i
52.0	1.4430+0.0865i	0.4781-0.1425i	-1.3748+0.4151i	-0.2967-0.1363i	-0.0779-0.1916i	-0.2691+0.3012i	-0.1615-0.2935i	0.2173-0.0743i
52.1	1.6489+0.3444i	0.5162-0.1512i	-1.7035+0.8479i	-0.3986-0.1879i	-0.0530-0.2054i	-0.2284+0.3440i	-0.1727-0.2552i	0.1684-0.1399i
52.2	2.2494+0.1517i	0.5072-0.1636i	-1.5953+1.0317i	-0.5809-0.2419i	-0.1149-0.2651i	-0.1706+0.3162i	-0.2123-0.2991i	0.1007-0.0998i
52.3	2.3574-0.2451i	0.5505-0.2202i	-1.6165+1.2174i	-0.6103-0.1328i	-0.1103-0.2829i	-0.1647+0.2749i	-0.2212-0.2834i	0.0846-0.0901i
52.4	2.0060-0.4300i	0.5151-0.2540i	-1.2897+1.2055i	-0.4737-0.1414i	-0.1632-0.2858i	-0.2442+0.2279i	-0.2457-0.2492i	0.1014-0.0338i
52.5	1.9614-0.1906i	0.5038-0.2522i	-1.4328+0.8030i	-0.3756-0.2083i	-0.1650-0.2793i	-0.2723+0.1690i	-0.2681-0.2943i	0.1377-0.0252i
52.6	2.2290-0.2124i	0.5527-0.3942i	-2.0227+0.9469i	-0.5276-0.2384i	-0.1538-0.3040i	-0.3768+0.2466i	-0.3586-0.3250i	0.1811-0.0269i
52.7	2.1216-0.4147i	0.4727-0.4762i	-1.6525+1.3053i	-0.4198-0.2687i	-0.2340-0.3429i	-0.3916+0.3058i	-0.3876-0.2595i	0.2039+0.0003i
52.8	2.0529-0.2025i	0.4713-0.5454i	-1.5950+0.8703i	-0.2944-0.0013i	-0.2859-0.2564i	-0.4260+0.3932i	-0.4269-0.1374i	0.2936-0.0588i
52.9	2.3626-0.0581i	0.4339-0.7255i	-2.3273+1.1283i	-0.0617+0.2674i	-0.2356-0.1823i	-0.3296+0.5774i	-0.4321-0.0307i	0.3061-0.1588i
53.0	2.9277-0.3602i	0.3830-0.7319i	-2.3957+1.8274i	-0.3096+0.1920i	-0.2479-0.1392i	-0.2118+0.5710i	-0.3293+0.0318i	0.2154-0.1580i
53.1	3.0732-0.9638i	0.3645-0.7551i	-2.3152+2.1427i	-0.4740-0.0875i	-0.2255-0.1293i	-0.1753+0.4527i	-0.2627+0.0500i	0.1941-0.1667i
53.2	2.7011-1.3035i	0.2929-0.8469i	-2.0751+2.3531i	-0.4844+0.0356i	-0.1644-0.1319i	-0.2027+0.4458i	-0.1485+0.0511i	0.1519-0.1950i
53.3	2.2547-1.5049i	0.2208-0.9602i	-1.7744+2.5695i	-0.5885+0.2948i	-0.1385-0.1194i	-0.2042+0.4679i	-0.0652+0.0681i	0.1060-0.1924i
53.4	2.0991-0.9464i	-0.0880-1.0292i	-2.0006+2.4549i	-0.5560+0.4317i	-0.1332-0.1705i	-0.1559+0.5786i	-0.0331-0.0672i	0.0929-0.1383i
53.5	2.6309-1.0882i	-0.2908-0.8297i	-1.9759+2.7671i	-0.3406+0.2799i	-0.2114-0.2458i	-0.1381+0.4457i	-0.1245-0.1764i	0.1189-0.0395i
53.6	2.5217-1.6786i	-0.1974-0.6834i	-1.6374+2.8143i	-0.4302+0.1442i	-0.2929-0.1710i	-0.2863+0.3881i	-0.1612-0.1471i	0.2128+0.0103i
53.7	2.2231-1.7665i	-0.2114-0.7079i	-1.4790+2.7185i	-0.1822+0.1723i	-0.2621-0.1243i	-0.3407+0.4648i	-0.2044-0.1157i	0.2578-0.0093i
53.8	2.1034-1.5957i	-0.3070-0.7500i	-1.7180+2.5986i	-0.2640+0.2146i	-0.2613-0.1215i	-0.4187+0.6507i	-0.2531-0.1428i	0.3573-0.0621i
53.9	2.0663-1.4916i	-0.3519-0.7518i	-1.8522+2.5377i	-0.3371+0.2611i	-0.2516-0.1012i	-0.4371+0.7533i	-0.2470-0.1542i	0.3619-0.1187i
54.0	2.1682-1.5831i	-0.4384-0.7474i	-2.0880+2.7970i	-0.2103+0.3599i	-0.1491-0.1093i	-0.2868+0.8597i	-0.2623-0.1457i	0.3350-0.2295i
54.1	1.9687-1.9026i	-0.5264-0.7277i	-1.7105+3.2127i	-0.1334+0.6599i	-0.1336-0.1375i	-0.1525+0.8496i	-0.2596-0.1442i	0.3186-0.1854i
54.2	1.7370-1.6069i	-0.6153-0.7181i	-1.7449+2.6104i	0.2428+0.8679i	-0.1792-0.1419i	-0.2519+0.8979i	-0.2878-0.2071i	0.4261-0.1056i
54.3	2.1102-1.6468i	-0.7573-0.6818i	-2.7252+2.9499i	0.3382+0.7026i	-0.1724-0.1866i	-0.2197+1.0180i	-0.4048-0.2268i	0.4870-0.2086i
54.4	2.1223-2.0970i	-0.8839-0.4954i	-2.7496+4.1519i	0.4258+0.3829i	-0.1710-0.2258i	-0.0232+1.1092i	-0.4774-0.1267i	0.4593-0.3343i
54.5	1.8622-2.4125i	-0.9247-0.2819i	-2.1906+4.9968i	0.4758+0.1990i	-0.2145-0.1920i	0.1548+1.0968i	-0.4783+0.0172i	0.3891-0.4145i
54.6	1.3433-2.4650i	-0.8421-0.0944i	-1.0798+5.2042i	0.4233+0.0319i	-0.2597-0.1668i	0.2338+1.0032i	-0.3965+0.0912i	0.2944-0.3947i
54.7	1.0178-2.0925i	-0.7429-0.0789i	-0.5088+4.4509i	0.5561+0.1321i	-0.2530-0.1613i	0.2828+0.9519i	-0.3514+0.0649i	0.3231-0.4110i
54.8	1.2075-1.9426i	-0.7475-0.0810i	-0.9609+4.3084i	0.4886+0.0719i	-0.2342-0.1164i	0.3559+0.9869i	-0.3955+0.0550i	0.3368-0.5122i
54.9	1.3132-2.1959i	-0.7644+0.0630i	-1.0744+5.0613i	0.4696-0.1363i	-0.2299-0.1123i	0.5313+1.0255i	-0.4035+0.1441i	0.2155-0.5840i
55.0	0.9656-2.3322i	-0.6387+0.2404i	-0.2476+5.5076i	0.2389-0.3589i	-0.2513-0.0974i	0.6238+0.8884i	-0.3274+0.2127i	0.0359-0.5169i
55.1	0.8035-2.1673i	-0.5766+0.2239i	0.1305+5.2326i	0.2036-0.3074i	-0.2408-0.1235i	0.5939+0.7466i	-0.2651+0.1943i	0.0132-0.4522i
55.2	0.5584-2.0222i	-0.4707+0.1728i	0.6386+4.9712i	0.3144-0.1456i	-0.1719-0.1300i	0.6549+0.5772i	-0.1915+0.1721i	0.0016-0.3927i
55.3	0.3974-1.8288i	-0.4235+0.2338i	1.0242+4.7042i	0.2879-0.5353i	-0.2135-0.1778i	0.5321+0.4610i	-0.1358+0.1579i	-0.0044-0.2939i
55.4	0.2586-1.5965i	-0.3710+0.1884i	1.2878+4.2052i	0.2659-0.4703i	-0.2446-0.1772i	0.4271+0.3964i	-0.1405+0.1021i	0.0999-0.2282i
55.5	0.3140-1.3453i	-0.3705+0.1093i	1.0578+3.6837i	0.2794-0.2498i	-0.2545-0.1738i	0.3737+0.4405i	-0.1793+0.0819i	0.2272-0.2986i
55.6	0.5469-1.2894i	-0.4163+0.1345i	0.4502+4.0023i	0.4364-0.4038i	-0.2804-0.1779i	0.4456+0.5753i	-0.1650+0.1564i	0.1421-0.4652i
55.7	0.4848-1.3657i	-0.3598+0.1873i	0.8525+4.3182i	0.3573-0.2979i	-0.2639-0.1739i	0.5240+0.5000i	-0.1525+0.1431i	0.0566-0.3868i
55.8	0.4369-1.3299i	-0.3131+0.1927i	1.2154+4.3530i	0.1042-0.2508i	-0.3102-0.1446i	0.4668+0.4648i	-0.1285+0.1348i	0.0503-0.3214i
55.9	0.4064-1.1669i	-0.3024+0.2056i	1.4356+4.1263i	-0.0065-0.6369i	-0.3964-0.1705i	0.3585+0.4204i	-0.1224+0.1062i	0.1382-0.3125i
56.0	0.4137-0.9750i	-0.2663+0.1507i	1.4277+3.6389i	-0.0307-0.4521i	-0.4091-0.1558i	0.2853+0.4486i	-0.1303+0.0804i	0.1733-0.3887i

56.1	0.6046-0.8057i	-0.3237+0.1343i	0.9283+3.5416i	0.1479-0.5604i	-0.4144-0.0704i	0.3938+0.5860i	-0.1751+0.1356i	0.1346-0.5511i
56.2	0.7208-0.8759i	-0.3523+0.2193i	0.9847+3.9633i	-0.0040-0.7498i	-0.4442-0.0451i	0.4952+0.5230i	-0.1412+0.1429i	0.0132-0.4706i
56.3	0.7084-0.8601i	-0.2909+0.2348i	1.2928+3.9280i	-0.1167-0.6766i	-0.4513-0.0175i	0.4832+0.4943i	-0.1303+0.1128i	0.0534-0.4032i
56.4	0.7085-0.7879i	-0.2447+0.2276i	1.4619+3.8107i	-0.1117-0.6793i	-0.4601-0.0240i	0.4128+0.4706i	-0.0955+0.1308i	0.0940-0.4242i
56.5	0.8282-0.7835i	-0.1898+0.2483i	1.4420+3.7474i	-0.4236-0.4863i	-0.4627+0.0276i	0.4522+0.4912i	-0.1071+0.1348i	0.1383-0.4500i
56.6	0.8690-0.7823i	-0.1567+0.2098i	1.4908+3.7125i	-0.3013-0.3620i	-0.4101+0.0331i	0.5276+0.4892i	-0.1303+0.1321i	0.1394-0.4760i
56.7	0.9056-0.7411i	-0.1546+0.1612i	1.5352+3.6219i	-0.1000-0.4562i	-0.4237+0.0492i	0.4951+0.5046i	-0.1267+0.1587i	0.1359-0.5468i
56.8	0.9704-0.7265i	-0.1434+0.1006i	1.5344+3.5756i	-0.0720-0.4268i	-0.4390+0.1157i	0.4717+0.5270i	-0.0976+0.1543i	0.0784-0.5477i
56.9	1.0044-0.7450i	-0.1141+0.1085i	1.5889+3.5560i	-0.0311-0.5318i	-0.4156+0.1350i	0.4988+0.4907i	-0.0897+0.1319i	0.0858-0.5339i
57.0	1.0480-0.7850i	-0.1688+0.0938i	1.6331+3.5044i	0.0638-0.5402i	-0.3905+0.1161i	0.5062+0.4622i	-0.0950+0.1586i	0.0952-0.6115i
57.1	1.0464-0.7822i	-0.1681+0.0559i	1.6423+3.3763i	-0.2922-0.5411i	-0.3815+0.1943i	0.5059+0.5458i	-0.1276+0.1535i	0.0844-0.6754i
57.2	1.1013-0.7041i	-0.2115+0.0260i	1.3887+3.3276i	-0.3347-0.4074i	-0.2919+0.2621i	0.6546+0.6433i	-0.0858+0.2277i	-0.0368-0.7693i
57.3	1.2632-0.7311i	-0.2609+0.0785i	1.2262+3.6985i	-0.2899-0.4754i	-0.2821+0.2658i	0.7822+0.6316i	-0.0196+0.2534i	-0.1842-0.6970i
57.4	1.3234-0.8511i	-0.2815+0.1326i	1.4129+4.0115i	-0.3707-0.5635i	-0.2653+0.2646i	0.8272+0.5307i	0.0053+0.2155i	-0.1988-0.5717i
57.5	1.2652-0.9233i	-0.2534+0.1690i	1.7565+4.0848i	-0.6323-0.5489i	-0.2240+0.2410i	0.7747+0.3907i	0.0164+0.2172i	-0.1659-0.5021i
57.6	1.2016-0.8637i	-0.3009+0.1205i	1.8974+3.8947i	-0.5021-0.5778i	-0.2492+0.2103i	0.7095+0.3482i	0.0273+0.2201i	-0.1929-0.4926i
57.7	1.2054-0.8421i	-0.2773+0.0574i	2.0465+3.6912i	-0.5705-0.5868i	-0.2547+0.2081i	0.7069+0.2940i	0.0617+0.2132i	-0.1871-0.5011i
57.8	1.2116-0.8717i	-0.2667+0.1194i	2.1483+3.7285i	-0.6356-0.4954i	-0.1991+0.2101i	0.7176+0.2305i	0.0934+0.2301i	-0.1792-0.5701i
57.9	1.2747-0.8871i	-0.2956+0.1671i	2.2106+3.7300i	-0.7992-0.4710i	-0.1921+0.2280i	0.7089+0.2095i	0.1218+0.2170i	-0.1741-0.5656i
58.0	1.2923-0.8542i	-0.2712+0.1783i	2.2987+3.6690i	-0.7720-0.4235i	-0.1942+0.2192i	0.7420+0.1484i	0.1892+0.2070i	-0.2153-0.5738i
58.1	1.3354-0.8450i	-0.3141+0.2110i	2.3048+3.6247i	-0.8905-0.5431i	-0.1803+0.2057i	0.7275+0.0664i	0.2077+0.1923i	-0.2390-0.5965i
58.2	1.3628-0.8195i	-0.3029+0.1708i	2.3426+3.4833i	-0.8278-0.4884i	-0.1861+0.2027i	0.6841-0.0528i	0.2153+0.1611i	-0.3112-0.6340i
58.3	1.4238-0.7605i	-0.2877+0.1642i	2.3265+3.4541i	-0.6070-0.5135i	-0.2073+0.2033i	0.6605-0.0196i	0.2261+0.1462i	-0.2962-0.6207i
58.4	1.3815-0.8968i	-0.2365+0.2302i	2.5549+3.5446i	-0.7349-0.6066i	-0.1856+0.2948i	0.6559+0.0149i	0.2925+0.1002i	-0.3781-0.6040i
58.5	1.3518-0.8645i	-0.2561+0.1734i	2.6053+3.3114i	-0.7789-0.4916i	-0.1492+0.2988i	0.6491+0.0927i	0.3218+0.0510i	-0.4496-0.6472i
58.6	1.4271-0.8740i	-0.2784+0.2184i	2.5318+3.3447i	-0.7178-0.3804i	-0.1371+0.2926i	0.6673+0.0927i	0.3129-0.0158i	-0.5130-0.5977i
58.7	1.4574-0.8981i	-0.2644+0.2478i	2.5717+3.4204i	-0.9348-0.2300i	-0.0993+0.2977i	0.6698+0.0366i	0.2920-0.0665i	-0.6236-0.5361i
58.8	1.4912-0.9190i	-0.2183+0.2190i	2.7539+3.3603i	-0.9059-0.2602i	-0.0842+0.2794i	0.5766+0.0267i	0.3053-0.0862i	-0.6023-0.4787i
58.9	1.5172-0.9217i	-0.2889+0.1932i	2.7617+3.1990i	-0.7675-0.1840i	-0.0859+0.2611i	0.5221-0.0032i	0.2888-0.1149i	-0.6149-0.4537i
59.0	1.5576-0.9692i	-0.2440+0.2090i	2.8657+3.1895i	-0.9242-0.2728i	0.0467+0.2015i	0.5926-0.2622i	0.4157-0.1614i	-0.6562-0.2580i
59.1	1.6298-1.0004i	-0.2879+0.2216i	2.8314+3.1004i	-0.9393-0.0769i	0.0346+0.2497i	0.6067-0.1998i	0.3145-0.2161i	-0.6149-0.2159i
59.2	1.6228-1.0933i	-0.2663+0.2499i	2.8097+3.1311i	-0.8264+0.3088i	-0.0169+0.3383i	0.5452-0.0970i	0.1939-0.2419i	-0.6248-0.1608i
59.3	1.6759-0.9986i	-0.3508+0.2495i	2.7193+3.1303i	-0.8759-0.1669i	-0.0411+0.3236i	0.4773-0.1781i	0.1928-0.1931i	-0.5975-0.1555i
59.4	1.7207-1.0592i	-0.3550+0.2712i	2.7093+3.0865i	-0.8134-0.0240i	-0.0242+0.3557i	0.3538-0.2247i	0.2494-0.2087i	-0.6159-0.1175i
59.5	1.6917-1.1371i	-0.2883+0.3083i	2.7915+3.1055i	-0.8824+0.1911i	0.0282+0.3802i	0.2817-0.2099i	0.2555-0.2398i	-0.6203-0.0672i
59.6	1.6474-1.1589i	-0.2493+0.2929i	2.8707+3.0618i	-0.6702+0.0991i	0.0608+0.3805i	0.2011-0.1498i	0.2241-0.2569i	-0.5649-0.0346i
59.7	1.7561-1.2775i	-0.1959+0.3856i	2.9072+3.1385i	-0.8704+0.1036i	0.1396+0.4159i	0.2121-0.1121i	0.2152-0.3073i	-0.5775-0.0045i
59.8	1.7324-1.2808i	-0.2970+0.4094i	2.8369+3.1427i	-0.9979+0.0117i	0.2001+0.5233i	0.1602+0.0554i	0.2373-0.2439i	-0.5531+0.0199i
59.9	1.7449-1.3553i	0.1835+6.5479i	3.2518+8.9847i	-0.9610+2.0551i	0.2494+0.5784i	0.1689+0.1906i	0.2742-0.1534i	-0.5702-0.0216i
60.0	1.6507-1.3225i	11.7053+5.8495i	14.2523+8.2675i	3.2245+2.1283i	0.2252+0.3538i	0.2325+0.0016i	0.2781-0.3049i	-0.5457-0.0682i
60.1	1.6547-1.3357i	7.0491+1.6872i	9.8244+4.2948i	1.7781+0.8108i	0.3026+0.2740i	0.1724-0.0330i	0.2342-0.4253i	-0.5173+0.0192i
60.2	1.6649-1.3480i	0.1997+0.7603i	3.2915+3.4571i	-0.3715+0.4154i	0.3405+0.2512i	0.0326+0.0062i	0.1574-0.4844i	-0.4723+0.1353i
60.3	1.7482-1.4001i	-0.1611+0.4906i	2.9749+3.2552i	-0.8994+0.2504i	0.3778+0.1749i	0.0950-0.0341i	0.0831-0.5779i	-0.4484+0.1395i
60.4	1.7574-1.4354i	-0.0660+0.5270i	3.0434+3.3141i	-0.9556+0.4115i	0.4118+0.1176i	0.1600-0.0442i	0.0256-0.6306i	-0.4313+0.1432i
60.5	1.8094-1.3796i	-0.1688+0.4960i	2.9734+3.2845i	-1.0129+0.2833i	0.3841+0.0705i	0.0923+0.0350i	-0.0161-0.6660i	-0.4142+0.1851i
60.6	1.8404-1.3728i	-0.1629+0.4684i	3.0334+3.3588i	-0.9667+0.2697i	0.3462+0.0322i	0.0056+0.0869i	-0.0986-0.6749i	-0.3855+0.2618i
60.7	1.8350-1.4312i	-0.1408+0.4149i	3.1520+3.3553i	-1.0246+0.4238i	0.2818-0.0056i	-0.0427+0.0653i	-0.1842-0.5959i	-0.3204+0.2377i
60.8	1.8428-1.4086i	-0.0477+0.3541i	3.3730+3.3645i	-1.1721+0.2945i	0.2548-0.0167i	-0.1170+0.0635i	-0.2122-0.4953i	-0.2896+0.2121i
60.9	1.9110-1.4534i	-0.0273+0.4254i	3.3920+3.4933i	-1.3468+0.2331i	0.2746+0.0138i	-0.0976+0.1995i	-0.2346-0.5145i	-0.3080+0.2509i
61.0	1.9164-1.5026i	-0.0103+0.4342i	3.4443+3.5694i	-1.1818+0.4199i	0.2684+0.0168i	-0.0117+0.2443i	-0.2664-0.4920i	-0.2546+0.2434i
61.1	1.9079-1.4916i	0.0024+0.4044i	3.5956+3.6327i	-1.1801+0.3543i	0.2631+0.0331i	-0.0256+0.3508i	-0.2847-0.4626i	-0.1772+0.2438i
61.2	1.9107-1.5476i	-0.0212+0.4233i	3.6467+3.6377i	-1.2261+0.4562i	0.2485+0.0190i	-0.0574+0.3677i	-0.3536-0.4359i	-0.0857+0.2216i
61.3	1.9249-1.5869i	-0.0438+0.4901i	3.6724+3.7030i	-1.2219+0.5313i	0.2949+0.0112i	-0.0618+0.3036i	-0.3745-0.3723i	-0.0517+0.1733i
61.4	1.9071-1.6213i	-0.0072+0.4374i	3.7286+3.7016i	-1.1881+0.9479i	0.3293+0.0001i	-0.1284+0.3115i	-0.3523-0.2999i	-0.0354+0.1347i
61.5	1.9194-1.5792i	0.0376+0.3389i	4.0136+3.6970i	-1.1190+0.8117i	0.3604+0.0165i	-0.1109+0.5066i	-0.3773-0.2782i	0.0388+0.1322i
61.6	1.9715-1.6855i	0.0725+0.4071i	4.2006+3.7991i	-1.1342+0.7073i	0.3841-0.0097i	-0.1562+0.5853i	-0.3776-0.2671i	0.1052+0.0779i
61.7	2.0989-1.7784i	0.0301+0.4629i	4.1793+3.8621i	-1.3469+0.9149i	0.4123-0.0188i	-0.0704+0.6952i	-0.3589-0.2347i	0.0842-0.0421i
61.8	2.0953-1.8218i	0.0200+0.4169i	4.3420+3.8815i	-0.9767+1.2010i	0.4325-0.0670i	-0.0591+0.8328i	-0.3304-0.1516i	0.0775-0.1226i
61.9	2.2169-1.8611i	-0.0015+0.4801i	4.4332+3.9133i	-1.1346+1.4497i	0.4606-0.0736i	-0.0108+0.8576i	-0.2645-0.1733i	-0.0194-0.2279i
62.0	2.2732-1.9150i	0.0174+0.5129i	4.5904+4.0453i	-1.2588+1.3557i	0.4657-0.0944i	0.0923+1.0454i	-0.2646-0.1650i	-0.0971-0.2615i
62.1	2.2194-1.9396i	0.0560+0.4621i	4.8835+3.9988i	-1.1112+1.3722i	0.4961-0.1388i	0.0943+1.2150i	-0.2811-0.1470i	-0.0609-0.2370i
62.2	2.1489-2.0217i	0.1262+0.4203i	5.0842+4.0198i	-0.9002+1.5177i	0.5666-0.1461i	0.2049+1.2608i	-0.2489-0.1529i	-0.1083-0.2663i
62.3	2.2096-2.1101i	0.1393+0.4060i	5.2806+4.0764i	-0.7069+1.4212i	0.6074-0.1984i	0.5412+1.4074i	-0.2974-0.1595i	-0.1833-0.2586i

62.4	2.3174-2.1309i	0.0687+0.4086i	5.4220+3.9640i	-0.5595+1.4919i	0.5840-0.2603i	0.7316+1.4800i	-0.3004-0.1815i	-0.2186-0.2774i
62.5	2.3212-2.1853i	0.0838+0.4055i	5.7081+3.9138i	-0.5049+1.5865i	0.5760-0.3303i	0.8538+1.4603i	-0.2864-0.1861i	-0.2615-0.2228i
62.6	2.4189-2.3024i	0.0751+0.4722i	5.7828+3.9827i	-0.6259+1.8211i	0.6073-0.3908i	0.9017+1.3626i	-0.3242-0.2029i	-0.2816-0.1746i
62.7	2.3866-2.3656i	0.1142+0.4511i	6.0567+4.0321i	-0.5509+1.7826i	0.5977-0.4369i	1.0819+1.3393i	-0.3131-0.2134i	-0.3402-0.1179i
62.8	2.4685-2.6129i	0.0835+0.5151i	6.3091+4.0095i	-0.6033+1.7405i	0.5497-0.5264i	1.2235+1.2306i	-0.3267-0.2326i	-0.3511-0.0539i
62.9	2.4201-2.6675i	0.1419+0.5049i	6.5941+3.9855i	-0.2602+1.9571i	0.5702-0.5852i	1.3547+1.1505i	-0.3231-0.1206i	-0.3576-0.0622i
63.0	2.4306-2.7767i	0.1652+0.5083i	6.8821+3.9940i	0.0013+2.0728i	0.6191-0.6646i	1.4577+1.0829i	-0.3256-0.0754i	-0.3460-0.0366i
63.1	2.4175-2.9482i	0.1889+0.5382i	7.1191+3.9130i	0.1342+2.1287i	0.5803-0.7244i	1.6067+1.0094i	-0.3139-0.0314i	-0.3512-0.0275i
63.2	2.3771-3.0412i	0.2312+0.5065i	7.5132+3.8112i	0.2737+2.1399i	0.5367-0.7664i	1.7786+0.9881i	-0.3541-0.0307i	-0.2489-0.0186i
63.3	2.3172-3.1779i	0.2609+0.4989i	7.8192+3.6268i	0.5461+2.0482i	0.5126-0.8299i	1.9499+0.8169i	-0.3147+0.0057i	-0.2384-0.0010i
63.4	2.3224-3.2884i	0.2497+0.4942i	7.9665+3.5303i	0.6749+2.0043i	0.4798-0.8708i	2.0118+0.6779i	-0.2628-0.0182i	-0.2641-0.0330i
63.5	2.2630-3.4814i	0.2715+0.4632i	8.3472+3.2946i	0.7927+1.8769i	0.3849-0.8934i	2.1172+0.6074i	-0.2777+0.0008i	-0.2331-0.0397i
63.6	2.2353-3.5557i	0.2970+0.4327i	8.7530+3.1763i	0.8363+1.4956i	0.3612-0.9336i	2.2461+0.4744i	-0.2701+0.0490i	-0.2418-0.0214i
63.7	2.1235-3.6689i	0.2913+0.3728i	9.0784+2.9038i	0.9439+1.4491i	0.3268-0.9642i	2.3570+0.3700i	-0.2580+0.1260i	-0.2380-0.0368i
63.8	1.9784-3.8155i	0.2620+0.4113i	9.2493+2.5980i	1.2034+1.4818i	0.3095-1.0089i	2.3955+0.2101i	-0.2268+0.1498i	-0.2509-0.0501i
63.9	1.9420-3.9042i	0.2531+0.4452i	9.5260+2.4157i	1.0862+1.3099i	0.2853-1.0730i	2.5082-0.0150i	-0.1750+0.1706i	-0.2546-0.0665i
64.0	1.8646-4.0147i	0.2351+0.4930i	9.8241+2.0900i	1.2123+1.1671i	0.2091-1.1570i	2.3947-0.3146i	-0.1026+0.1426i	-0.2530-0.0330i
64.1	1.6910-4.1650i	0.2558+0.4771i	10.0562+1.6659i	1.2939+1.1697i	0.0786-1.2341i	2.1838-0.6082i	-0.0222+0.0963i	-0.2070+0.0165i
64.2	1.5704-4.2694i	0.2702+0.4639i	10.4686+1.2864i	1.2304+1.0945i	-0.0212-1.2341i	2.1303-0.8432i	0.0283+0.1530i	-0.1358-0.0768i
64.3	1.4785-4.3075i	0.2130+0.5907i	10.5609+0.9470i	1.1764+0.9826i	-0.1359-1.1628i	1.9938-0.8927i	0.0804+0.1535i	-0.1348-0.1321i
64.4	1.3366-4.3509i	0.2223+0.5955i	10.7289+0.4145i	1.0086+0.6895i	-0.2283-1.1552i	1.7605-0.9739i	0.2331+0.0918i	-0.1835-0.1686i
64.5	1.2467-4.3639i	0.3038+0.5363i	10.9184+0.0162i	1.1068+0.6900i	-0.2445-1.1333i	1.7568-0.9463i	0.3575+0.0996i	-0.2518-0.2846i
64.6	1.0608-4.4039i	0.3245+0.5550i	10.9281-0.4319i	1.0366+0.7278i	-0.2481-1.0894i	1.6667-0.8975i	0.4077-0.0203i	-0.3689-0.2535i
64.7	0.9944-4.4587i	0.3022+0.6727i	11.1238-0.7722i	1.0398+0.8087i	-0.2464-1.0703i	1.5335-0.9444i	0.4282-0.1329i	-0.4375-0.1299i
64.8	1.0096-4.4802i	0.2928+0.7372i	11.1777-1.1738i	0.9201+0.6080i	-0.2209-1.1049i	1.6520-1.0151i	0.5111-0.2267i	-0.5026-0.1073i
64.9	0.7481-4.6018i	0.4280+0.8021i	11.1376-1.8933i	1.0681+0.6331i	-0.2078-1.1597i	1.5718-1.1988i	0.6153-0.4233i	-0.4926-0.0121i
65.0	0.4500-4.6022i	0.5414+0.7158i	11.0114-2.5984i	1.3054+0.5814i	-0.2162-1.2145i	1.4908-1.3053i	0.6719-0.6601i	-0.4738+0.0274i
65.1	0.4284-4.6227i	0.6044+0.7410i	10.9137-2.9540i	1.0661+0.5897i	-0.2077-1.2616i	1.3876-1.3897i	0.6461-0.9225i	-0.4795+0.0820i
65.2	0.3866-4.6239i	0.5881+0.7699i	10.7834-3.2885i	1.0020+0.6439i	-0.2992-1.3472i	1.2573-1.3239i	0.4172-1.1011i	-0.3823+0.1572i
65.3	0.2309-4.6633i	0.6603+0.7783i	10.6335-3.7027i	0.9518+0.6670i	-0.3281-1.4890i	1.1163-1.3835i	0.2733-1.2087i	-0.3026+0.1199i
65.4	-0.0959-4.5729i	0.8447+0.7035i	10.1584-4.0774i	1.1444+0.7442i	-0.5127-1.5344i	0.8389-1.3161i	0.0873-1.2888i	-0.2687+0.0789i
65.5	-0.3401-4.5855i	0.9969+0.6793i	9.9511-4.4524i	1.2560+0.8567i	-0.6568-1.5225i	0.6886-1.2134i	-0.0423-1.3287i	-0.1946+0.0616i
65.6	-0.4609-4.5864i	1.0521+0.6238i	9.7891-4.8466i	1.2100+1.0159i	-0.7529-1.5221i	0.5918-1.0883i	-0.1603-1.4451i	-0.1904+0.0356i
65.7	-0.6161-4.5530i	1.1712+0.5849i	9.6236-5.1375i	1.2002+0.9481i	-0.8500-1.5603i	0.5231-0.9844i	-0.3714-1.5370i	-0.2132+0.0259i
65.8	-0.7264-4.4342i	1.2216+0.4373i	9.4048-5.3657i	1.3060+0.8704i	-0.9774-1.6012i	0.5350-0.8123i	-0.6505-1.5702i	-0.2172+0.0122i
65.9	-0.8051-4.3994i	1.2059+0.3823i	9.1915-5.6157i	1.5520+0.7699i	-1.0870-1.6400i	0.5665-0.7218i	-0.8448-1.5292i	-0.2050-0.0473i
66.0	-1.0584-4.2846i	1.3226+0.2177i	9.0209-5.8970i	1.9774+0.3189i	-1.3009-1.6891i	0.7432-0.7742i	-1.1073-1.4137i	-0.2308-0.1026i
66.1	-1.1600-4.0917i	1.3738+0.1126i	8.7286-5.9335i	2.0094+0.1376i	-1.3889-1.6360i	0.8698-0.6468i	-1.3235-1.2849i	-0.2337-0.1291i
66.2	-1.1848-3.9462i	1.3423+0.0261i	8.5570-6.1308i	1.7981-0.1853i	-1.5496-1.6008i	0.9237-0.6333i	-1.4906-1.0892i	-0.1951-0.2010i
66.3	-1.2813-3.8953i	1.3960-0.0401i	8.4558-6.3625i	1.6339-0.5013i	-1.7002-1.5384i	1.0575-0.7925i	-1.6196-0.8583i	-0.2521-0.2518i
66.4	-1.3289-3.7963i	1.4092-0.1210i	8.2652-6.4831i	1.3835-0.5738i	-1.8524-1.5000i	1.0831-0.9242i	-1.6521-0.7121i	-0.3579-0.2355i
66.5	-1.3238-3.7251i	1.3738-0.2159i	8.1410-6.7215i	1.1647-0.6550i	-2.0483-1.3852i	1.1829-0.9127i	-1.7230-0.4660i	-0.3893-0.3137i
66.6	-1.3220-3.6452i	1.2680-0.3075i	7.9675-7.0914i	1.0354-0.5708i	-2.2492-1.1194i	1.1368-1.0519i	-1.7370-0.2774i	-0.4688-0.2543i
66.7	-1.4817-3.6396i	1.2841-0.4147i	7.7112-7.5490i	0.8833-0.3725i	-2.5219-0.9626i	1.1420-1.1914i	-1.7144-0.1343i	-0.6393-0.2266i
66.8	-1.5488-3.5173i	1.2569-0.5290i	7.4459-7.6978i	0.8360-0.3251i	-2.6158-0.8058i	1.1068-1.2970i	-1.6337-0.0042i	-0.7224-0.1942i
66.9	-1.6066-3.3936i	1.2281-0.6283i	7.1962-7.7770i	0.8705-0.3597i	-2.6318-0.6405i	1.0275-1.4464i	-1.5854+0.1250i	-0.7192-0.1431i
67.0	-1.6640-3.2803i	1.1865-0.6932i	6.9402-8.0665i	0.7861-0.4869i	-2.7322-0.4328i	0.9216-1.6401i	-1.5197+0.2881i	-0.7600-0.0797i
67.1	-1.6693-3.1855i	1.0938-0.6938i	6.6270-8.2479i	0.5617-0.5519i	-2.6723-0.1852i	0.7659-1.6887i	-1.4268+0.3765i	-0.7637-0.0064i
67.2	-1.6419-3.0132i	0.9974-0.7670i	6.2867-8.2099i	0.5875-0.4568i	-2.6393+0.0550i	0.7175-1.6920i	-1.2666+0.4697i	-0.8604-0.0222i
67.3	-1.6670-2.8985i	0.9851-0.8292i	5.9863-8.2880i	0.5335-0.4362i	-2.6084+0.2039i	0.6034-1.7535i	-1.1450+0.6027i	-0.9069-0.0151i
67.4	-1.7072-2.8285i	0.9675-0.8640i	5.7782-8.4764i	0.2757-0.5442i	-2.6601+0.3427i	0.4760-1.5952i	-1.0349+0.5608i	-0.9732+0.0433i
67.5	-1.5555-2.7511i	0.8018-0.8640i	5.6933-8.5350i	0.1754-0.5742i	-2.6369+0.5445i	0.3336-1.6598i	-0.9264+0.4792i	-1.0863+0.2302i
67.6	-1.4820-2.6264i	0.7239-0.9035i	5.3280-8.6313i	0.0097-0.3928i	-2.5130+0.8118i	0.1879-1.5929i	-0.7871+0.5882i	-1.1278+0.2648i
67.7	-1.4966-2.5391i	0.6388-0.9709i	5.0009-8.7449i	0.1624-0.3559i	-2.5048+1.0133i	0.0939-1.4229i	-0.7178+0.5973i	-1.1266+0.3392i
67.8	-1.4253-2.4528i	0.5029-1.0040i	4.7728-8.7765i	0.1678-0.3028i	-2.4565+1.1693i	0.1046-1.3149i	-0.6344+0.5017i	-1.2004+0.4660i
67.9	-1.4124-2.4429i	0.5016-0.9933i	4.5455-8.8787i	0.0366-0.0877i	-2.2063+1.3434i	0.0236-1.2834i	-0.6449+0.4704i	-1.0860+0.6177i
68.0	-1.3520-2.3917i	0.4578-0.9766i	4.3107-8.8116i	0.0647+0.0535i	-1.9558+1.3889i	0.0043-1.2687i	-0.6141+0.3911i	-1.0167+0.7784i
68.1	-1.3422-2.3755i	0.4362-0.9642i	4.0630-8.9192i	0.0884+0.1623i	-1.7439+1.5361i	0.0414-1.2368i	-0.6169+0.3417i	-0.9280+0.9651i
68.2	-1.2926-2.3253i	0.3930-0.9503i	3.8408-8.9627i	0.1100+0.2479i	-1.6021+1.5591i	-0.0052-1.1495i	-0.6906+0.3199i	-0.8028+1.0466i
68.3	-1.2386-2.3875i	0.3412-0.8989i	3.6143-9.0878i	0.0625+0.3146i	-1.3991+1.5496i	0.0302-1.1383i	-0.6763+0.3354i	-0.6712+1.0872i
68.4	-1.2698-2.4550i	0.3711-0.8402i	3.4045-9.2318i	0.0105+0.5058i	-1.2874+1.5233i	0.0383-1.2026i	-0.6581+0.3582i	-0.6483+1.1693i
68.5	-1.2894-2.4065i	0.3291-0.8905i	3.0451-9.3251i	0.2088+0.6906i	-1.1941+1.4729i	0.0298-1.3015i	-0.6262+0.4626i	-0.4951+1.1191i
68.6	-1.2891-2.3320i	0.2550-0.9221i	2.6950-9.3523i	0.5371+0.5852i	-1.1595+1.4897i	-0.0807-1.3563i	-0.5106+0.4369i	-0.3833+1.1443i

68.7	-1.2854-2.2984i	0.2211-0.9278i	2.4503-9.4339i	0.8406+0.5510i	-1.0824+1.4932i	-0.0935-1.2560i	-0.3993+0.3474i	-0.3866+1.1297i
68.8	-1.1978-2.3028i	0.1615-0.9030i	2.2488-9.4890i	0.7389+0.3536i	-0.9708+1.4784i	-0.0817-1.1642i	-0.3633+0.2662i	-0.3233+1.1369i
68.9	-1.1832-2.2985i	0.1823-0.8787i	2.0023-9.4118i	0.7223+0.3407i	-0.8719+1.4239i	-0.0881-1.1493i	-0.3773+0.1949i	-0.2789+1.1075i
69.0	-1.0842-2.3264i	0.0799-0.8365i	1.7780-9.4570i	0.7673+0.2903i	-0.8353+1.3020i	-0.1583-1.2049i	-0.3820+0.0061i	-0.2331+1.1074i
69.1	-1.0596-2.2706i	0.0487-0.8486i	1.4671-9.3563i	0.8439+0.2708i	-0.7641+1.2311i	-0.0894-1.1802i	-0.4891-0.0314i	-0.1335+1.0932i
69.2	-1.0791-2.2706i	0.0249-0.8450i	1.0859-9.3225i	0.9373+0.1959i	-0.7297+1.1910i	-0.1273-1.2385i	-0.6345-0.0642i	-0.0306+1.1361i
69.3	-1.0541-2.3342i	-0.0442-0.8370i	0.8049-9.3972i	0.8668+0.1262i	-0.8523+1.1828i	-0.3512-1.2574i	-0.8214-0.1413i	0.0540+1.2303i
69.4	-1.0951-2.3279i	-0.0841-0.8395i	0.4625-9.3779i	0.9692+0.0141i	-0.9750+1.2119i	-0.4629-1.2264i	-0.8830-0.0456i	0.1174+1.1772i
69.5	-1.1449-2.2457i	-0.0906-0.8480i	0.0210-9.1692i	1.0211-0.1406i	-0.9158+1.3564i	-0.4448-1.2255i	-0.8441+0.0379i	0.1689+1.1089i
69.6	-1.0724-2.2573i	-0.1026-0.8190i	-0.1448-8.9318i	0.8288-0.2926i	-0.8273+1.4255i	-0.6059-1.1598i	-0.8383+0.0256i	0.2397+1.0331i
69.7	-0.9869-2.3167i	-0.1290-0.8135i	-0.2299-8.8214i	0.5874-0.1434i	-0.7172+1.4645i	-0.7200-1.0874i	-0.8846-0.0000i	0.2749+1.0505i
69.8	-1.0521-2.3920i	-0.1464-0.7873i	-0.4848-8.7483i	0.6276-0.0699i	-0.6696+1.5572i	-0.7179-0.8214i	-0.9830+0.1067i	0.2728+1.0103i
69.9	-1.1024-2.3853i	-0.2068-0.7954i	-0.8680-8.6613i	0.7141-0.0716i	-0.4950+1.6316i	-0.5937-0.6990i	-1.0369+0.1650i	0.3454+0.9820i
70.0	-1.1233-2.4420i	-0.2470-0.7303i	-1.1138-8.6033i	0.6394-0.1158i	-0.3487+1.6356i	-0.5062-0.6236i	-1.0663+0.2390i	0.4035+0.9613i
70.1	-1.1491-2.4294i	-0.2332-0.7292i	-1.2316-8.4026i	0.6310-0.0864i	-0.2459+1.5765i	-0.4218-0.6071i	-1.1620+0.2852i	0.4911+0.9635i
70.2	-1.1972-2.3977i	-0.2729-0.7184i	-1.4649-8.1635i	0.5251-0.1307i	-0.2096+1.4484i	-0.4155-0.5872i	-1.0953+0.3539i	0.4896+0.8902i
70.3	-1.2843-2.3422i	-0.2747-0.7136i	-1.7206-7.8851i	0.4887-0.0279i	-0.1719+1.3907i	-0.4365-0.5864i	-1.0753+0.4006i	0.5272+0.8580i
70.4	-1.3327-2.3367i	-0.2790-0.6947i	-1.9041-7.7038i	0.5008+0.0382i	-0.1222+1.3254i	-0.4364-0.6132i	-1.1111+0.4220i	0.6022+0.8561i
70.5	-1.3539-2.3155i	-0.2998-0.6555i	-2.0473-7.4911i	0.5590+0.0485i	-0.0675+1.2824i	-0.3188-0.6091i	-1.1784+0.4973i	0.6710+0.7950i
70.6	-1.3213-2.2528i	-0.3423-0.6552i	-2.0649-7.2806i	0.4872+0.0317i	-0.0918+1.2376i	-0.4207-0.6210i	-1.1988+0.4513i	0.6819+0.8051i
70.7	-1.3700-2.1961i	-0.3784-0.6672i	-2.2397-7.0470i	0.4687+0.0439i	-0.0788+1.2050i	-0.4390-0.6110i	-1.1193+0.4826i	0.6947+0.7708i
70.8	-1.2622-2.2362i	-0.3738-0.5741i	-2.1171-6.8674i	0.3535+0.0199i	-0.0602+1.1451i	-0.4779-0.6243i	-1.1303+0.5679i	0.7085+0.6668i
70.9	-1.3033-2.1338i	-0.4364-0.5829i	-2.2690-6.5698i	0.5269-0.0228i	0.0052+1.1143i	-0.4864-0.6229i	-1.0766+0.5773i	0.7395+0.6337i
71.0	-1.3514-2.0809i	-0.4373-0.5598i	-2.3699-6.3786i	0.6062+0.1319i	0.0294+1.0819i	-0.4106-0.5188i	-1.0764+0.6854i	0.7478+0.5464i
71.1	-1.2410-2.0742i	-0.4807-0.4930i	-2.2657-6.2329i	0.7812+0.1872i	0.0326+1.0141i	-0.4236-0.5918i	-1.0270+0.7326i	0.7272+0.4610i
71.2	-1.2643-2.0139i	-0.4557-0.5219i	-2.3159-6.0522i	0.8356+0.2040i	0.0201+1.0041i	-0.4385-0.5163i	-0.9819+0.7417i	0.7269+0.4351i
71.3	-1.2260-2.0084i	-0.4470-0.5217i	-2.2346-5.9676i	0.9157+0.2198i	0.0047+0.9851i	-0.4091-0.4190i	-1.0465+0.7700i	0.7068+0.4256i
71.4	-1.2090-1.9528i	-0.4527-0.4876i	-2.2153-5.7855i	0.8961+0.0648i	0.0300+0.9710i	-0.3324-0.4312i	-1.0575+0.8322i	0.7266+0.3825i
71.5	-1.1953-1.9444i	-0.4519-0.4567i	-2.1994-5.6599i	0.9045-0.0791i	0.0386+0.9726i	-0.2195-0.3994i	-1.1379+0.9128i	0.7516+0.3506i
71.6	-1.1705-1.9393i	-0.4183-0.4423i	-2.1615-5.5578i	0.9242-0.0005i	0.0068+0.9441i	-0.1640-0.3894i	-1.2218+0.9196i	0.7812+0.3067i
71.7	-1.1570-1.9176i	-0.4327-0.4228i	-2.2057-5.5060i	0.9608-0.0119i	0.0212+0.8967i	-0.2153-0.4693i	-1.1892+1.0786i	0.7980+0.2507i
71.8	-1.1452-1.8787i	-0.4105-0.4369i	-2.2050-5.4236i	0.9290+0.0047i	0.0294+0.8859i	-0.2396-0.4299i	-1.1392+1.1380i	0.7710+0.2447i
71.9	-1.0278-1.8813i	-0.4462-0.3531i	-2.1174-5.3066i	0.9917-0.1002i	-0.0250+0.9338i	-0.2053-0.4699i	-1.1383+1.2385i	0.7883+0.2007i
72.0	-0.9705-1.9248i	-0.4990-0.3488i	-2.0577-5.2858i	0.9542-0.1236i	-0.0478+0.9487i	-0.0730-0.5140i	-1.1587+1.3160i	0.7911+0.1392i
72.1	-0.8862-1.9580i	-0.4782-0.2918i	-1.9903-5.2024i	0.8752-0.0836i	-0.0231+0.9541i	-0.0295-0.5332i	-1.0849+1.3322i	0.7441+0.1041i
72.2	-0.8782-1.8530i	-0.4926-0.3352i	-2.0912-5.0254i	0.9118+0.0522i	0.0282+0.9058i	-0.0815-0.5650i	-0.8345+1.4580i	0.6999+0.0342i
72.3	-0.9040-1.8551i	-0.4855-0.3005i	-2.1664-4.9674i	0.8589+0.0256i	0.0725+0.8967i	-0.1820-0.5547i	-0.7410+1.6048i	0.7220-0.0461i
72.4	-0.7840-1.9590i	-0.5055-0.2530i	-2.0280-4.9996i	0.9629-0.1143i	0.0626+0.8625i	-0.2057-0.5496i	-0.6725+1.7007i	0.6885-0.1014i
72.5	-0.6901-2.0083i	-0.5262-0.2275i	-1.9380-4.9829i	1.1736-0.1805i	0.0702+0.8242i	-0.1202-0.6083i	-0.5243+1.6861i	0.6082-0.1138i
72.6	-0.6649-2.0220i	-0.4989-0.2280i	-1.9184-4.9695i	1.1982-0.1678i	0.0502+0.8404i	-0.1072-0.6727i	-0.4324+1.6299i	0.5295-0.1160i
72.7	-0.6535-2.0035i	-0.4972-0.2721i	-1.9192-4.8944i	1.1229-0.0940i	0.0553+0.8559i	-0.1561-0.6853i	-0.4018+1.5773i	0.5455-0.0812i
72.8	-0.6754-2.0156i	-0.5167-0.2347i	-1.9696-4.8605i	1.1275-0.1709i	0.0757+0.8662i	-0.2048-0.7117i	-0.3553+1.5715i	0.5552-0.0726i
72.9	-0.5416-2.0295i	-0.5176-0.2529i	-1.8317-4.8270i	1.1259-0.2279i	0.0656+0.8626i	-0.2102-0.7148i	-0.3593+1.6518i	0.5707-0.1300i
73.0	-0.4806-2.1236i	-0.5389-0.2325i	-1.8479-4.8614i	1.1618-0.3771i	0.0845+0.8109i	-0.3012-0.6445i	-0.1988+1.5842i	0.5330-0.1620i
73.1	-0.3746-2.2384i	-0.5763-0.1635i	-1.7917-4.9067i	1.2015-0.4031i	0.1143+0.8132i	-0.2745-0.6568i	-0.1148+1.5793i	0.4987-0.1578i
73.2	-0.2918-2.2346i	-0.5781-0.1960i	-1.6952-4.8706i	1.2675-0.3485i	0.1298+0.8174i	-0.2609-0.6818i	-0.1319+1.4951i	0.4845-0.0990i
73.3	-0.1878-2.3059i	-0.6151-0.2340i	-1.5927-4.8916i	1.4137-0.2825i	0.1154+0.7919i	-0.2847-0.6773i	-0.0660+1.4940i	0.4636-0.1040i
73.4	-0.1890-2.4257i	-0.5731-0.1983i	-1.5862-4.9317i	1.2451-0.3779i	0.0923+0.7785i	-0.2515-0.7329i	-0.0457+1.4694i	0.4456-0.0926i
73.5	-0.1874-2.5335i	-0.5744-0.1475i	-1.6434-5.0024i	1.1344-0.5206i	0.0706+0.7328i	-0.3216-0.7092i	-0.0361+1.4273i	0.4768-0.1402i
73.6	-0.1214-2.6978i	-0.5865-0.1454i	-1.6190-5.1289i	1.2727-0.5512i	0.0154+0.7474i	-0.3652-0.6840i	-0.0922+1.4649i	0.5234-0.1726i
73.7	0.0320-2.7856i	-0.6154-0.1301i	-1.4441-5.1201i	1.2614-0.6447i	-0.0292+0.8133i	-0.2954-0.7600i	-0.0632+1.5418i	0.4513-0.1850i
73.8	-0.0034-2.8789i	-0.5752-0.0754i	-1.5022-5.1576i	1.2409-0.7198i	-0.0489+0.8767i	-0.3027-0.7714i	-0.0664+1.5155i	0.4566-0.1671i
73.9	0.0036-3.1165i	-0.5828-0.0238i	-1.5335-5.3751i	1.2214-0.8850i	-0.0229+0.9527i	-0.4099-0.7329i	-0.0132+1.6241i	0.4657-0.2117i
74.0	-0.0665-3.2972i	-0.5485-0.0096i	-1.6153-5.5102i	0.9658-0.9829i	-0.0007+1.0199i	-0.4871-0.6153i	0.1052+1.6808i	0.4743-0.2860i
74.1	0.0041-3.3798i	-0.6047-0.0542i	-1.5714-5.5181i	1.1131-0.8635i	0.0776+1.0318i	-0.4978-0.6287i	0.1304+1.6537i	0.4348-0.2996i
74.2	-0.0361-3.6047i	-0.6299+0.0043i	-1.6534-5.7105i	1.0669-1.0033i	0.1488+1.0354i	-0.5367-0.5664i	0.2283+1.6859i	0.3988-0.2815i
74.3	-0.1358-3.8285i	-0.5810+0.0050i	-1.7757-5.9176i	1.1318-1.0861i	0.2284+1.0760i	-0.4632-0.5645i	0.3748+1.7323i	0.3430-0.3193i
74.4	-0.1637-3.9079i	-0.5993+0.0473i	-1.8549-5.8895i	1.0076-1.2544i	0.3025+1.0605i	-0.4360-0.5110i	0.4730+1.7103i	0.3062-0.3537i
74.5	-0.2049-4.1225i	-0.6198+0.0407i	-1.9057-6.0896i	0.9100-1.1667i	0.3425+1.0244i	-0.4984-0.5019i	0.5869+1.7082i	0.2495-0.3638i
74.6	-0.3635-4.5310i	-0.6366+0.0543i	-2.1126-6.4748i	0.8199-1.1955i	0.3734+1.0078i	-0.5021-0.4965i	0.6912+1.6868i	0.2093-0.3755i
74.7	-0.4983-4.7660i	-0.5889+0.0701i	-2.2634-6.6254i	0.8405-1.2562i	0.4378+0.9447i	-0.4790-0.4842i	0.7352+1.6767i	0.2256-0.3775i
74.8	-0.6893-4.8467i	-0.5388+0.0300i	-2.4858-6.6528i	0.6248-1.1483i	0.4838+0.9337i	-0.4544-0.4902i	0.8546+1.6456i	0.1327-0.3853i
74.9	-0.9063-4.9708i	-0.5395+0.1096i	-2.7654-6.8067i	0.5837-1.1703i	0.5113+0.8965i	-0.4435-0.4722i	0.9294+1.5305i	0.1009-0.3637i

75.0	-1.1480-5.1443i	-0.5665+0.1923i	-3.0193-6.9055i	0.4499-1.2949i	0.5192+0.8689i	-0.4551-0.4676i	0.9686+1.4643i	0.0605-0.3446i
75.1	-1.2804-5.2413i	-0.5991+0.1215i	-3.2085-6.9062i	0.4610-1.1621i	0.5350+0.8567i	-0.4533-0.4184i	0.9907+1.4348i	0.0704-0.3522i
75.2	-1.4843-5.2604i	-0.5849+0.0984i	-3.4920-6.8470i	0.4313-1.0426i	0.5946+0.7945i	-0.4483-0.4390i	1.0685+1.3583i	0.0531-0.3074i
75.3	-1.7742-5.3321i	-0.5809+0.1194i	-3.8453-6.7921i	0.4261-1.0749i	0.6333+0.7776i	-0.3567-0.5503i	1.1870+1.2685i	-0.0250-0.2507i
75.4	-2.1259-5.5297i	-0.5845+0.1887i	-4.2191-6.8268i	0.3494-1.0478i	0.6442+0.7664i	-0.3043-0.5150i	1.2287+1.2498i	-0.0600-0.2967i
75.5	-2.3900-5.5398i	-0.5869+0.2481i	-4.5922-6.7050i	0.2585-0.9558i	0.7059+0.7083i	-0.3169-0.6032i	1.3512+1.1512i	-0.0873-0.2226i
75.6	-2.6310-5.6149i	-0.5972+0.1907i	-4.8823-6.6466i	0.2785-0.8704i	0.7532+0.6739i	-0.3985-0.5512i	1.3826+1.0735i	-0.0321-0.1877i
75.7	-2.7436-5.5312i	-0.6735+0.1866i	-5.0092-6.5059i	0.2607-0.7377i	0.7291+0.6545i	-0.4476-0.4642i	1.3955+1.0043i	-0.0544-0.2169i
75.8	-3.0174-5.4451i	-0.6214+0.2336i	-5.1645-6.2088i	0.1624-0.7335i	0.7594+0.5419i	-0.5433-0.4932i	1.3766+0.8501i	-0.0341-0.1756i
75.9	-3.2578-5.3803i	-0.5899+0.3159i	-5.3125-5.9887i	0.2427-0.8618i	0.7540+0.4194i	-0.4772-0.5455i	1.4434+0.7192i	-0.1338-0.1366i
76.0	-3.7618-5.2925i	-0.6144+0.3972i	-5.7356-5.7203i	0.3607-0.9133i	0.7441+0.3298i	-0.3550-0.6038i	1.5035+0.6252i	-0.1398-0.1270i
76.1	-3.9942-5.4396i	-0.6719+0.3979i	-5.9936-5.7714i	0.4623-0.7173i	0.7272+0.2585i	-0.4215-0.6009i	1.5182+0.5389i	-0.1233-0.0980i
76.2	-4.1657-5.2321i	-0.6752+0.3917i	-6.1075-5.4751i	0.4526-0.5551i	0.6979+0.1855i	-0.4921-0.6385i	1.4567+0.4243i	-0.1251-0.0755i
76.3	-4.3376-5.0603i	-0.6364+0.4413i	-6.1512-5.2388i	0.3743-0.5775i	0.6088+0.1380i	-0.5533-0.5419i	1.3944+0.3419i	-0.1032-0.0697i
76.4	-4.6282-4.9653i	-0.5871+0.5640i	-6.2762-4.9916i	0.3857-0.7195i	0.5390+0.1327i	-0.6111-0.4646i	1.3986+0.2424i	-0.1076-0.0256i
76.5	-4.9574-4.9860i	-0.6143+0.5487i	-6.4492-4.8979i	0.6761-0.7164i	0.4876+0.0843i	-0.5328-0.5501i	1.3961+0.1661i	-0.0975+0.0202i
76.6	-5.1390-4.8608i	-0.6066+0.5345i	-6.5716-4.7859i	0.7414-0.7006i	0.4889+0.0421i	-0.5160-0.6082i	1.3537+0.1000i	-0.1090+0.0395i
76.7	-5.2571-4.6997i	-0.6137+0.5285i	-6.6429-4.6655i	0.6999-0.6351i	0.4762+0.0089i	-0.5863-0.5854i	1.3297+0.0382i	-0.1535+0.0745i
76.8	-5.5537-4.5944i	-0.5339+0.6558i	-6.8231-4.5633i	0.6866-0.6981i	0.4005-0.0195i	-0.6428-0.5922i	1.3019-0.0289i	-0.1484+0.0832i
76.9	-5.6174-4.4177i	-0.5158+0.7077i	-6.7861-4.4198i	0.6499-0.7609i	0.3273-0.0176i	-0.6224-0.5095i	1.2775-0.0650i	-0.1353+0.0503i
77.0	-5.7806-4.2649i	-0.4678+0.6044i	-6.8760-4.1879i	0.7067-0.7000i	0.2655-0.0270i	-0.5870-0.5254i	1.2426-0.1341i	-0.1559+0.1135i
77.1	-5.9285-4.1758i	-0.4700+0.6119i	-6.9691-4.1223i	0.8476-0.6072i	0.1180+0.0003i	-0.6285-0.4322i	1.1493-0.1803i	-0.1036+0.1227i
77.2	-6.1118-4.1311i	-0.3096+0.7255i	-7.1176-4.0501i	0.8845-0.7615i	0.0301+0.0719i	-0.6198-0.4212i	1.1413-0.2388i	-0.1654+0.0857i
77.3	-6.3976-3.9277i	-0.2902+0.7126i	-7.3378-4.0144i	0.9716-0.8646i	0.0334+0.0930i	-0.6185-0.4369i	1.0776-0.3627i	-0.2285+0.1833i
77.4	-6.5493-3.6815i	-0.3781+0.7725i	-7.5035-3.8515i	0.9359-1.0121i	-0.0239+0.0862i	-0.5811-0.5420i	0.9890-0.4391i	-0.2109+0.2804i
77.5	-6.6763-3.5157i	-0.4055+0.6910i	-7.6972-3.7350i	0.9263-0.9200i	-0.0724+0.1500i	-0.5551-0.5453i	0.9231-0.4633i	-0.1586+0.3036i
77.6	-7.0322-3.2280i	-0.4138+0.7148i	-7.9608-3.4501i	1.0664-1.0090i	-0.1512+0.2045i	-0.6537-0.4586i	0.8265-0.4900i	-0.1198+0.3253i
77.7	-7.3098-2.9526i	-0.3456+0.7373i	-8.2261-3.2014i	1.1827-1.1113i	-0.1599+0.2638i	-0.7504-0.5204i	0.7546-0.5359i	-0.1271+0.4118i
77.8	-7.2770-2.5866i	-0.3045+0.6872i	-8.2398-2.7021i	1.1347-1.0524i	-0.1759+0.3254i	-0.7649-0.4792i	0.6329-0.5014i	-0.0522+0.4167i
77.9	-7.4864-2.2864i	-0.2396+0.7686i	-8.4696-2.3487i	1.0733-1.2527i	-0.2286+0.4368i	-0.7394-0.3473i	0.5932-0.5142i	-0.0285+0.4137i
78.0	-7.5780-1.9432i	-0.2437+0.8512i	-8.5067-2.0633i	1.0769-1.4121i	-0.1980+0.5190i	-0.7600-0.3663i	0.4979-0.5224i	0.0268+0.4655i
78.1	-7.6186-1.5657i	-0.2435+0.8242i	-8.5904-1.6371i	1.0495-1.4679i	-0.1864+0.5925i	-0.7621-0.4113i	0.4459-0.5199i	0.0752+0.4866i
78.2	-7.6551-1.3089i	-0.1864+0.8580i	-8.5724-1.2178i	1.1140-1.6069i	-0.1709+0.6601i	-0.7447-0.4045i	0.3947-0.5132i	0.1132+0.4976i
78.3	-7.7213-0.9298i	-0.1734+1.0136i	-8.5887-0.7317i	1.0613-1.8745i	-0.1245+0.7205i	-0.7377-0.3845i	0.3149-0.4907i	0.2085+0.4960i
78.4	-7.6650-0.6801i	-0.1052+1.0641i	-8.5703-0.5434i	0.9339-1.9116i	-0.0831+0.7870i	-0.7158-0.3120i	0.2467-0.4332i	0.2906+0.4427i
78.5	-7.6668-0.2688i	0.0042+1.1479i	-8.5715-0.1754i	0.7573-2.2761i	-0.0261+0.8478i	-0.8083-0.3194i	0.2217-0.4387i	0.3394+0.4468i
78.6	-7.5786+0.1797i	0.0412+1.1257i	-8.4128+0.3556i	0.7150-2.3343i	0.0652+0.8451i	-0.7692-0.3563i	0.1960-0.4055i	0.3639+0.4755i
78.7	-7.4183+0.5413i	0.1842+1.1802i	-8.1915+0.6739i	0.3989-2.4299i	0.1828+0.8325i	-0.7716-0.3573i	0.1172-0.3710i	0.3966+0.4673i
78.8	-7.1266+0.9607i	0.3324+1.0949i	-7.8494+0.8931i	0.3100-2.4372i	0.1973+0.8266i	-0.7288-0.3434i	0.1104-0.2874i	0.4303+0.3807i
78.9	-6.4794+1.1214i	0.3063+0.9677i	-7.6013+1.0937i	0.3694-2.3478i	0.1714+0.8003i	-0.8197-0.3007i	0.0821-0.2080i	0.4802+0.3060i
79.0	-5.9102+0.4625i	0.1419+0.9381i	-7.5029+0.9642i	0.3770-2.2414i	0.1800+0.8204i	-0.9352-0.3273i	0.0716-0.2024i	0.4997+0.2391i
79.1	-6.3302-0.0290i	0.0698+1.0492i	-7.4863+1.1229i	0.3972-2.3531i	0.2416+0.8790i	-0.9394-0.2851i	0.0938-0.1801i	0.4704+0.1897i
79.2	-6.8020+0.3071i	0.1285+1.1537i	-7.4887+1.5741i	0.2487-2.5797i	0.3166+0.8506i	-0.8926-0.1816i	0.0655-0.1337i	0.4703+0.1521i
79.3	-6.9458+0.6720i	0.2897+1.1705i	-7.2809+1.8119i	0.1856-2.7279i	0.3231+0.8286i	-0.9634-0.1731i	0.0562-0.1011i	0.5131+0.1522i
79.4	-6.9157+0.9364i	0.3277+1.0695i	-7.0157+1.8873i	0.0607-2.6141i	0.3453+0.7989i	-0.9714-0.1749i	0.0405-0.0894i	0.5305+0.1602i
79.5	-6.8272+1.2307i	0.4250+1.0324i	-6.8227+2.0741i	-0.1331-2.5997i	0.3720+0.8106i	-0.9086-0.2033i	0.0685-0.0804i	0.4309+0.1658i
79.6	-6.7188+1.3785i	0.3813+1.1348i	-6.5140+2.1833i	-0.1854-2.8199i	0.3811+0.8283i	-0.8915-0.1438i	0.1226-0.0773i	0.3892+0.1361i
79.7	-6.6722+1.6743i	0.4644+1.1820i	-6.3626+2.4109i	-0.3113-2.8808i	0.4030+0.8470i	-0.8236-0.0804i	0.1599-0.0707i	0.3309+0.1282i
79.8	-6.6165+1.9671i	0.5789+1.1580i	-6.1178+2.5537i	-0.5224-2.8897i	0.4016+0.8192i	-0.8588-0.0438i	0.1537-0.0606i	0.3748+0.1229i
79.9	-6.5133+2.0701i	0.6833+1.1406i	-5.8696+2.4942i	-0.7772-2.7649i	0.4586+0.8353i	-0.8929-0.0490i	0.1493-0.0924i	0.3916+0.1399i
80.0	-6.3684+2.1312i	0.7914+1.0735i	-5.6007+2.5311i	-0.6921-2.6500i	0.5349+0.8150i	-0.8842-0.0762i	0.1350-0.1063i	0.3840+0.1350i

2.1.17 Run 2 – IP270 – Accels 33–40

In-plane shaking at 270°. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	9.0798+0.0000i	2.3640+0.0000i	-5.4853+0.0000i	-3.1981+0.0000i	21.9739+0.0000i	8.7250+0.0000i	11.4279+0.0000i	4.1756+0.0000i
0.1	7.7119-0.7419i	1.6453+0.3240i	-4.7009+1.0969i	-1.8987+2.0108i	19.9719+0.7280i	8.9333-0.0201i	10.1874+0.3769i	4.2210+0.4480i
0.2	-2.0908-0.3642i	-0.1618+1.7963i	-0.3621+0.4058i	7.2879+4.5918i	4.4727+4.9706i	4.7348+7.4862i	-0.2204-0.2446i	-1.0513-1.8751i
0.3	-1.6511-0.8728i	-0.6097+0.9909i	-1.3914+0.0479i	3.5599-0.0616i	-0.6993+3.1968i	0.5296-2.0465i	1.0473+1.1839i	0.3086+0.0217i
0.4	0.9003-0.4970i	-0.4460-0.1508i	-0.3568+0.1939i	0.8616-0.1055i	0.8510+3.2731i	0.5258-2.1007i	1.3257+0.6775i	0.6590+0.2530i
0.5	0.7629+0.1220i	-0.0727-0.4064i	-0.4433+0.1914i	-1.4437+0.3981i	0.1755+1.6383i	-0.0780+1.3568i	0.3356-0.4606i	0.0034-0.1180i
0.6	0.1218-0.0501i	-0.0418-0.0473i	-0.1608+0.0399i	-0.3888-0.2531i	-0.3076+0.4134i	-0.0710+0.4141i	0.0411+0.1223i	0.1186-0.0861i
0.7	-0.0733-0.0050i	0.0717+0.0477i	-0.0050-0.0093i	-0.1256-0.1366i	-0.0168+0.2642i	-0.0405+0.1231i	-0.0709+0.0311i	-0.0136-0.0112i
0.8	-0.0141-0.0080i	0.0924+0.0397i	-0.0397+0.0102i	-0.0089-0.0511i	0.6535-0.4405i	-0.0034-0.0223i	0.0018+0.0049i	-0.0229+0.0118i
0.9	0.0048+0.0021i	0.1309+0.0299i	-0.0055+0.0084i	0.0341-0.0316i	0.0848-0.3155i	-0.0077-0.0262i	0.0218+0.0088i	-0.0227+0.0417i
1.0	0.0181+0.0049i	0.1766+0.0354i	0.0019+0.0077i	0.0263-0.0227i	0.0360-0.1014i	-0.0107+0.0020i	0.0177-0.0087i	-0.0192+0.0463i
1.1	0.0252-0.0010i	0.2386+0.0342i	0.0042+0.0033i	0.0175-0.0159i	0.3377-0.0565i	-0.0044+0.0056i	0.0034-0.0064i	-0.0406+0.0343i
1.2	0.0278-0.0104i	0.2985+0.0173i	0.0028+0.0006i	0.0107-0.0225i	0.3996-0.0060i	-0.0040+0.0036i	0.0024-0.0090i	-0.0539+0.0341i
1.3	-0.0107+0.0318i	0.4186+0.1214i	0.0053+0.0022i	-0.0014-0.0657i	0.5047+0.2490i	-0.0072+0.0045i	0.0052-0.0049i	-0.1001+0.0895i
1.4	0.0248+0.0638i	0.6436+0.1270i	0.0084+0.0008i	-0.0548-0.0700i	0.7271+0.3051i	-0.0073+0.0030i	0.0079-0.0064i	-0.0792+0.1169i
1.5	0.0770-0.0952i	1.0100-0.5261i	0.0090+0.0012i	-0.0679+0.1497i	1.1192-0.9345i	-0.0154-0.0013i	-0.0069-0.0150i	-0.1393+0.0609i
1.6	-0.0056-0.1723i	0.9101-1.0073i	0.0123+0.0019i	0.0611+0.2393i	0.7126-1.5372i	-0.0207+0.0006i	-0.0164-0.0108i	-0.2233+0.1478i
1.7	-0.0751-0.1189i	0.6866-1.2014i	0.0157-0.0007i	0.1620+0.1585i	0.2409-1.4892i	-0.0223+0.0054i	-0.0176-0.0027i	-0.1698+0.3204i
1.8	-0.1028-0.0323i	0.3624-1.5789i	0.0173-0.0082i	0.2169+0.0497i	-0.1841-1.5455i	-0.0218+0.0155i	-0.0134+0.0059i	0.0400+0.4976i
1.9	-0.0758+0.0469i	-0.3147-1.6968i	0.0132-0.0130i	0.2179-0.0517i	-0.7230-1.5136i	-0.0162+0.0208i	-0.0024+0.0117i	0.3580+0.4800i
2.0	0.0225+0.0542i	-1.0002-1.0514i	0.0023-0.0143i	0.1547-0.0963i	-1.1410-0.7556i	-0.0106+0.0178i	0.0094+0.0097i	0.5735+0.1759i
2.1	0.1030+0.0370i	-1.0426-0.7379i	-0.0001-0.0124i	0.1642-0.1027i	-1.0846-0.4920i	-0.0120+0.0160i	0.0199+0.0070i	0.5486+0.0453i
2.2	0.2558-0.0937i	-1.0075-0.5097i	-0.0060-0.0054i	0.2540-0.2123i	-0.9407-0.3241i	-0.0187+0.0204i	0.0412-0.0180i	0.4804-0.0575i
2.3	0.0313-0.4403i	-0.9121-0.4084i	0.0021+0.0065i	0.0249-0.5391i	-0.8410-0.2560i	-0.0046+0.0420i	-0.0004-0.0716i	0.4538-0.1246i
2.4	-0.2843-0.2025i	-0.8372-0.3207i	0.0126-0.0004i	-0.2889-0.2850i	-0.7771-0.1669i	0.0164+0.0241i	-0.0473-0.0277i	0.4026-0.1533i
2.5	-0.1775-0.0101i	-0.7858-0.2567i	0.0095-0.0049i	-0.1939-0.0857i	-0.7401-0.0894i	0.0088+0.0103i	-0.0281+0.0018i	0.3580-0.1742i
2.6	-0.1167+0.0171i	-0.7305-0.2353i	0.0086-0.0055i	-0.1335-0.0585i	-0.6987-0.0879i	0.0028+0.0088i	-0.0177+0.0054i	0.3439-0.2196i
2.7	-0.0891+0.0279i	-0.6788-0.2159i	0.0090-0.0061i	-0.1029-0.0488i	-0.6417-0.1013i	-0.0018+0.0079i	-0.0119+0.0056i	0.3422-0.2815i
2.8	-0.0662+0.0276i	-0.6718-0.1831i	0.0087-0.0057i	-0.0947-0.0400i	-0.5892-0.0754i	-0.0025+0.0067i	-0.0089+0.0048i	0.2793-0.2828i
2.9	-0.0520+0.0244i	-0.6507-0.1556i	0.0091-0.0048i	-0.0866-0.0336i	-0.5466-0.0528i	-0.0037+0.0063i	-0.0071+0.0036i	0.2422-0.2853i
3.0	-0.0506+0.0271i	-0.6103-0.1553i	0.0104-0.0052i	-0.0771-0.0330i	-0.5446-0.1006i	-0.0066+0.0075i	-0.0059+0.0028i	0.2748-0.3485i
3.1	-0.0412+0.0293i	-0.6003-0.1523i	0.0108-0.0060i	-0.0751-0.0333i	-0.4808-0.1018i	-0.0068+0.0069i	-0.0018+0.0023i	0.2002-0.4082i
3.2	-0.0297+0.0255i	-0.6064-0.1307i	0.0101-0.0048i	-0.0760-0.0293i	-0.4833-0.0832i	-0.0073+0.0062i	-0.0011+0.0028i	0.0929-0.3950i
3.3	-0.0274+0.0223i	-0.5829-0.1123i	0.0110-0.0047i	-0.0705-0.0263i	-0.4987-0.0390i	-0.0106+0.0060i	-0.0021+0.0012i	0.1039-0.3907i
3.4	-0.0234+0.0253i	-0.5729-0.1178i	0.0116-0.0064i	-0.0693-0.0281i	-0.4991+0.0244i	-0.0112+0.0068i	-0.0007+0.0014i	0.0509-0.4727i
3.5	-0.0172+0.0177i	-0.5672-0.0949i	0.0114-0.0036i	-0.0695-0.0219i	-0.4220+0.0126i	-0.0125+0.0048i	-0.0030+0.0015i	-0.0147-0.3582i
3.6	-0.0122+0.0142i	-0.5634-0.0789i	0.0121-0.0020i	-0.0676-0.0167i	-0.4064-0.0196i	-0.0136+0.0037i	-0.0037+0.0004i	-0.0866-0.2916i
3.7	-0.0058+0.0149i	-0.5611-0.0839i	0.0119-0.0033i	-0.0697-0.0179i	-0.4528+0.0443i	-0.0140+0.0041i	-0.0054-0.0016i	-0.2585-0.3612i
3.8	-0.0091+0.0228i	-0.5474-0.0941i	0.0139-0.0052i	-0.0686-0.0216i	-0.4747+0.0012i	-0.0146+0.0054i	-0.0049-0.0013i	-0.2410-0.5562i
3.9	-0.0126+0.0240i	-0.5332-0.0966i	0.0167-0.0047i	-0.0659-0.0213i	-0.4028-0.0472i	-0.0179+0.0082i	0.0000-0.0019i	-0.2311-0.5894i
4.0	-0.0115+0.0129i	-0.5298-0.0737i	0.0174-0.0033i	-0.0644-0.0144i	-0.3341-0.0603i	-0.0204+0.0054i	-0.0011-0.0006i	-0.2183-0.3532i
4.1	-0.0104+0.0129i	-0.5291-0.0663i	0.0173-0.0037i	-0.0655-0.0156i	-0.3622-0.0326i	-0.0200+0.0044i	-0.0026-0.0014i	-0.3201-0.3677i
4.2	-0.0136+0.0134i	-0.5135-0.0649i	0.0211-0.0034i	-0.0649-0.0198i	-0.4533+0.0140i	-0.0219+0.0054i	0.0010-0.0014i	-0.2952-0.4098i
4.3	-0.0158+0.0136i	-0.5007-0.0663i	0.0228-0.0039i	-0.0680-0.0192i	-0.4151+0.0129i	-0.0243+0.0052i	0.0048-0.0019i	-0.2826-0.4686i
4.4	-0.0115+0.0119i	-0.5012-0.0586i	0.0210-0.0041i	-0.0650-0.0118i	-0.3615+0.0109i	-0.0267+0.0035i	-0.0049-0.0082i	-0.3595-0.2859i
4.5	-0.0099+0.0076i	-0.4914-0.0501i	0.0240-0.0032i	-0.0581-0.0081i	-0.3682-0.0806i	-0.0337+0.0019i	-0.0100-0.0075i	-0.2160-0.2407i
4.6	-0.0116+0.0067i	-0.4862-0.0536i	0.0255-0.0033i	-0.0593-0.0123i	-0.3987-0.0469i	-0.0345+0.0018i	-0.0069-0.0085i	-0.2905-0.3919i
4.7	-0.0092+0.0034i	-0.4838-0.0510i	0.0264-0.0031i	-0.0591-0.0128i	-0.4523+0.0790i	-0.0364+0.0005i	-0.0093-0.0030i	-0.4109-0.4184i
4.8	-0.0086+0.0026i	-0.4811-0.0411i	0.0280-0.0022i	-0.0580-0.0042i	-0.4390+0.0251i	-0.0377-0.0002i	-0.0106+0.0003i	-0.4137-0.0881i
4.9	-0.0093+0.0053i	-0.4744-0.0441i	0.0296-0.0021i	-0.0568-0.0081i	-0.4884-0.0219i	-0.0390+0.0010i	-0.0087-0.0014i	-0.4002-0.1352i
5.0	-0.0111+0.0040i	-0.4681-0.0494i	0.0324-0.0026i	-0.0579-0.0057i	-0.4042+0.0546i	-0.0418-0.0007i	-0.0060-0.0003i	-0.5666-0.0100i
5.1	-0.0116+0.0062i	-0.4595-0.0522i	0.0343-0.0045i	-0.0595-0.0046i	-0.3842+0.0436i	-0.0444+0.0022i	-0.0079-0.0018i	-0.6872-0.0897i
5.2	-0.0105+0.0071i	-0.4545-0.0540i	0.0352-0.0056i	-0.0565-0.0060i	-0.4216+0.0384i	-0.0499+0.0022i	-0.0101-0.0068i	-0.6285-0.1623i
5.3	-0.0125+0.0064i	-0.4539-0.0565i	0.0362-0.0042i	-0.0569-0.0065i	-0.3565-0.0074i	-0.0536+0.0019i	-0.0089-0.0051i	-0.6384-0.1067i
5.4	-0.0132+0.0060i	-0.4488-0.0538i	0.0371-0.0046i	-0.0542-0.0066i	-0.3099-0.0630i	-0.0602-0.0009i	-0.0188+0.0001i	-0.4729-0.1291i
5.5	-0.0077+0.0058i	-0.4455-0.0595i	0.0389-0.0023i	-0.0518-0.0049i	-0.3069-0.0296i	-0.0646-0.0028i	-0.0248-0.0011i	-0.5091+0.0465i
5.6	-0.0056+0.0053i	-0.4462-0.0704i	0.0412-0.0030i	-0.0502-0.0053i	-0.2852-0.0430i	-0.0669-0.0009i	-0.0336-0.0083i	-0.6647+0.1845i

5.7	-0.0081+0.0002i	-0.4493-0.0750i	0.0426-0.0041i	-0.0513-0.0086i	-0.3210-0.0533i	-0.0721+0.0002i	-0.0310+0.0078i	-0.6088+0.2601i
5.8	-0.0104+0.0025i	-0.4584-0.0771i	0.0464-0.0060i	-0.0534-0.0079i	-0.4763-0.1447i	-0.0744-0.0038i	-0.0228+0.0041i	-0.3870+0.3733i
5.9	-0.0093+0.0054i	-0.4613-0.0807i	0.0462-0.0052i	-0.0527-0.0103i	-0.4785-0.0839i	-0.0792-0.0008i	-0.0259+0.0041i	-0.2764+0.2630i
6.0	-0.0089-0.0008i	-0.4828-0.0878i	0.0446+0.0016i	-0.0600-0.0131i	-0.4449-0.0327i	-0.0812+0.0057i	-0.0100+0.0277i	-0.3707+0.6756i
6.1	-0.0037-0.0008i	-0.4819-0.0844i	0.0474-0.0008i	-0.0553-0.0115i	-0.4326+0.1023i	-0.0899+0.0048i	-0.0335+0.0302i	-0.3659+0.4974i
6.2	-0.0079-0.0020i	-0.4913-0.0700i	0.0519+0.0001i	-0.0555-0.0115i	-0.3821-0.0122i	-0.0928+0.0036i	-0.0237+0.0292i	-0.0774+0.5168i
6.3	-0.0097-0.0030i	-0.4858-0.0509i	0.0586+0.0022i	-0.0551-0.0065i	-0.4558-0.0246i	-0.0989+0.0026i	-0.0175+0.0191i	0.2582+0.3266i
6.4	-0.0096-0.0063i	-0.4888-0.0611i	0.0638+0.0032i	-0.0589-0.0108i	-0.4753+0.0054i	-0.0982+0.0057i	-0.0135+0.0405i	-0.0380+0.2108i
6.5	-0.0118-0.0055i	-0.4823-0.0618i	0.0628+0.0008i	-0.0603-0.0115i	-0.3919+0.0029i	-0.1091+0.0051i	-0.0105+0.0456i	-0.0619+0.1617i
6.6	-0.0133-0.0070i	-0.4895-0.0607i	0.0688+0.0063i	-0.0660-0.0108i	-0.3935+0.0338i	-0.1097+0.0085i	0.0054+0.0536i	-0.0654+0.3230i
6.7	-0.0155-0.0051i	-0.4841-0.0666i	0.0752+0.0073i	-0.0667-0.0096i	-0.4537-0.0651i	-0.1179+0.0085i	-0.0056+0.0368i	-0.2276+0.1412i
6.8	-0.0208-0.0050i	-0.4795-0.0505i	0.0818+0.0029i	-0.0702-0.0070i	-0.3851-0.2331i	-0.1267+0.0026i	0.0057+0.0214i	0.0628+0.1933i
6.9	-0.0270-0.0069i	-0.4810-0.0334i	0.0935-0.0054i	-0.0754-0.0033i	-0.3998-0.1509i	-0.1321-0.0021i	0.0322+0.0128i	0.3045+0.3408i
7.0	-0.0375-0.0064i	-0.4864-0.0383i	0.1221-0.0177i	-0.0850+0.0013i	-0.4504+0.0301i	-0.1359+0.0044i	0.0512+0.0258i	0.0882+0.3618i
7.1	-0.0407+0.0065i	-0.4863-0.0423i	0.1324-0.0505i	-0.0954+0.0159i	-0.4540-0.0684i	-0.1378+0.0068i	0.0677+0.0122i	-0.0978+0.2802i
7.2	-0.0293+0.0296i	-0.4803-0.0428i	0.0794-0.0967i	-0.0694+0.0441i	-0.3707+0.0200i	-0.1475+0.0119i	0.0506-0.0333i	-0.0244+0.3863i
7.3	-0.0108+0.0318i	-0.4758-0.0431i	0.0297-0.0803i	-0.0440+0.0404i	-0.3760-0.0149i	-0.1607+0.0146i	-0.0055-0.0430i	0.0090+0.1678i
7.4	0.0024+0.0200i	-0.4683-0.0409i	0.0060-0.0397i	-0.0300+0.0229i	-0.4095-0.0641i	-0.1776+0.0180i	-0.0603-0.0315i	0.3630-0.0403i
7.5	0.0005+0.0116i	-0.4699-0.0397i	0.0182-0.0210i	-0.0314+0.0115i	-0.4788-0.0059i	-0.1766+0.0151i	-0.0411-0.0155i	0.3226+0.2918i
7.6	-0.0032+0.0029i	-0.4678-0.0503i	0.0308-0.0028i	-0.0351-0.0011i	-0.4829-0.0444i	-0.1809+0.0159i	-0.0295+0.0036i	-0.1163+0.0831i
7.7	-0.0080-0.0001i	-0.4616-0.0517i	0.0327+0.0070i	-0.0397-0.0049i	-0.3668-0.0708i	-0.2013+0.0202i	-0.0457+0.0104i	0.0217-0.2760i
7.8	-0.0047+0.0000i	-0.4667-0.0454i	0.0339+0.0041i	-0.0469-0.0006i	-0.3553-0.0499i	-0.2157+0.0166i	-0.0370-0.0129i	0.4864+0.1111i
7.9	-0.0061+0.0015i	-0.4659-0.0470i	0.0382+0.0143i	-0.0466-0.0039i	-0.4649-0.0430i	-0.2289+0.0274i	-0.0350-0.0018i	0.2700-0.0622i
8.0	-0.0087+0.0018i	-0.4718-0.0481i	0.0484+0.0190i	-0.0452-0.0055i	-0.3812+0.0353i	-0.2274+0.0353i	-0.0135+0.0151i	0.1765+0.0475i
8.1	-0.0095-0.0004i	-0.4738-0.0474i	0.0504+0.0183i	-0.0496-0.0052i	-0.4544+0.0140i	-0.2375+0.0341i	0.0048+0.0046i	0.2059+0.2230i
8.2	-0.0104-0.0008i	-0.4702-0.0513i	0.0577+0.0288i	-0.0523-0.0062i	-0.4588+0.0021i	-0.2444+0.0480i	0.0083+0.0048i	0.0285+0.0370i
8.3	-0.0118-0.0001i	-0.4680-0.0571i	0.0580+0.0342i	-0.0548-0.0076i	-0.4131-0.0158i	-0.2579+0.0612i	0.0046+0.0183i	-0.1008+0.0644i
8.4	-0.0070+0.0008i	-0.4677-0.0557i	0.0496+0.0285i	-0.0526-0.0082i	-0.3941-0.0418i	-0.2803+0.0550i	-0.0061-0.0010i	0.1010+0.1414i
8.5	-0.0068+0.0003i	-0.4628-0.0564i	0.0593+0.0449i	-0.0575-0.0074i	-0.4725-0.0527i	-0.2817+0.0712i	0.0043+0.0157i	0.0996-0.0772i
8.6	-0.0091-0.0011i	-0.4568-0.0556i	0.0525+0.0633i	-0.0645-0.0071i	-0.4503-0.0260i	-0.3103+0.0926i	0.0078+0.0157i	0.0045-0.0410i
8.7	-0.0130-0.0015i	-0.4557-0.0588i	0.0523+0.0722i	-0.0638-0.0062i	-0.4095-0.0737i	-0.3271+0.1018i	0.0129-0.0006i	-0.1628-0.0614i
8.8	-0.0144-0.0040i	-0.4533-0.0636i	0.0435+0.0918i	-0.0637-0.0043i	-0.4141-0.1492i	-0.3557+0.1286i	0.0066+0.0012i	-0.2536+0.0279i
8.9	-0.0156-0.0018i	-0.4468-0.0686i	0.0378+0.1121i	-0.0674-0.0061i	-0.4383-0.3050i	-0.3836+0.1627i	-0.0007-0.0095i	-0.2350-0.0599i
9.0	-0.0171-0.0010i	-0.4493-0.0743i	0.0535+0.1415i	-0.0720-0.0040i	-0.3999-0.2438i	-0.3782+0.2031i	0.0049-0.0177i	-0.2307-0.3265i
9.1	-0.0194+0.0003i	-0.4415-0.0758i	0.0765+0.2017i	-0.0727+0.0042i	-0.3890-0.1361i	-0.3674+0.2800i	-0.0053+0.0077i	-0.3111-0.1426i
9.2	-0.0259+0.0005i	-0.4331-0.0896i	0.0826+0.2265i	-0.0806+0.0093i	-0.3862-0.0819i	-0.3787+0.3123i	-0.0041-0.0011i	-0.5055-0.1974i
9.3	-0.0252+0.0121i	-0.4232-0.1011i	0.1581+0.3252i	-0.0830+0.0270i	-0.4348-0.0839i	-0.2964+0.4463i	0.0170+0.0046i	-0.2135-0.2288i
9.4	-0.0135+0.0246i	-0.4153-0.1067i	0.3094+0.3524i	-0.0615+0.0380i	-0.4733-0.0251i	-0.1163+0.4804i	0.0248+0.0024i	-0.0526-0.0575i
9.5	-0.0033+0.0213i	-0.4194-0.1270i	0.3857+0.2835i	-0.0523+0.0302i	-0.4403-0.0393i	-0.0441+0.3963i	0.0218+0.0062i	-0.3593+0.2077i
9.6	0.0078+0.0079i	-0.4187-0.1542i	0.4144+0.1948i	-0.0423+0.0131i	-0.3008-0.1758i	-0.0294+0.2862i	0.0141+0.0015i	-0.3833+0.2568i
9.7	0.0131-0.0005i	-0.4264-0.1656i	0.4705+0.1564i	-0.0312+0.0048i	-0.3637-0.1877i	0.0260+0.2300i	0.0196-0.0091i	0.1370+0.1359i
9.8	0.0069-0.0075i	-0.4330-0.1969i	0.4652+0.1057i	-0.0385-0.0054i	-0.3816-0.2055i	-0.0137+0.1587i	0.0188-0.0156i	-0.0483+0.1438i
9.9	-0.0078-0.0148i	-0.4407-0.2158i	0.4139+0.0812i	-0.0579-0.0164i	-0.3644-0.1562i	-0.1094+0.1307i	0.0020+0.0078i	-0.3586+0.4827i
10.0	-0.0177-0.0240i	-0.4512-0.2288i	0.4122+0.0520i	-0.0699-0.0225i	-0.4573-0.2285i	-0.1310+0.1003i	-0.0029+0.0134i	-0.2892+0.6555i
10.1	-0.0181-0.0252i	-0.4620-0.2483i	0.4138+0.0592i	-0.0703-0.0140i	-0.5277-0.2218i	-0.1645+0.1241i	-0.0155+0.0149i	-0.3242+0.7269i
10.2	-0.0197-0.0238i	-0.4820-0.2614i	0.4244+0.0618i	-0.0721-0.0107i	-0.4395-0.1813i	-0.1678+0.1393i	-0.0172+0.0211i	0.2336+0.9208i
10.3	-0.0281-0.0232i	-0.4898-0.2786i	0.4135+0.0274i	-0.0853-0.0104i	-0.4050-0.2575i	-0.2152+0.1043i	-0.0155+0.0183i	0.0062+0.7672i
10.4	-0.0299-0.0169i	-0.5040-0.2979i	0.4246+0.0432i	-0.0904-0.0050i	-0.5154-0.3425i	-0.2290+0.1366i	-0.0002+0.0387i	0.0498+0.9851i
10.5	-0.0345-0.0072i	-0.5225-0.3138i	0.4321+0.0336i	-0.0933+0.0029i	-0.5249-0.4522i	-0.2487+0.1293i	0.0223+0.0411i	0.1849+0.7643i
10.6	-0.0387-0.0008i	-0.5349-0.3341i	0.4413+0.0278i	-0.1022+0.0124i	-0.5066-0.3549i	-0.2797+0.1227i	0.0123+0.0153i	-0.2777+0.1793i
10.7	-0.0391+0.0027i	-0.5654-0.3613i	0.4620+0.0213i	-0.0992+0.0198i	-0.5219-0.3931i	-0.2702+0.1424i	0.0193+0.0262i	0.0342+1.1375i
10.8	-0.0360+0.0130i	-0.5955-0.3782i	0.4676+0.0138i	-0.0942+0.0324i	-0.6120-0.3928i	-0.2962+0.1577i	0.0174+0.0206i	-0.3351+1.4815i
10.9	-0.0262+0.0178i	-0.6241-0.3552i	0.4761+0.0162i	-0.0897+0.0363i	-0.7308-0.3256i	-0.3214+0.1411i	0.0194-0.0159i	-0.1848+0.3156i
11.0	-0.0191+0.0167i	-0.6420-0.3638i	0.4930+0.0059i	-0.0814+0.0360i	-0.7415-0.3399i	-0.3348+0.1431i	0.0086+0.0036i	-0.4763+0.8237i
11.1	-0.0156+0.0211i	-0.6666-0.3992i	0.5237-0.0006i	-0.0773+0.0415i	-0.7782-0.3013i	-0.3450+0.1709i	-0.0123+0.0232i	-0.9991+1.9123i
11.2	-0.0111+0.0222i	-0.7188-0.3765i	0.5323+0.0080i	-0.0744+0.0421i	-0.8820-0.3653i	-0.3391+0.1702i	0.0181+0.0143i	0.2158+1.7535i
11.3	-0.0096+0.0175i	-0.7540-0.3549i	0.5493-0.0136i	-0.0693+0.0383i	-0.7997-0.2864i	-0.3380+0.1520i	0.0486+0.0131i	1.4737+1.8410i
11.4	-0.0053+0.0187i	-0.7605-0.3247i	0.5642-0.0203i	-0.0699+0.0308i	-0.8181-0.3399i	-0.3504+0.1213i	0.0456+0.0135i	1.7901+1.0301i
11.5	0.0009+0.0131i	-0.7603-0.3329i	0.5867-0.0319i	-0.0703+0.0293i	-0.9769-0.3558i	-0.3869+0.1255i	0.0378+0.0030i	1.3530+1.1624i
11.6	0.0066+0.0082i	-0.7833-0.3382i	0.5932-0.0459i	-0.0726+0.0307i	-0.9021-0.3283i	-0.4027+0.1309i	0.0428+0.0037i	1.7359+1.5364i
11.7	0.0096+0.0010i	-0.7637-0.3402i	0.6194-0.0590i	-0.0727+0.0340i	-1.0365-0.2691i	-0.4526+0.1346i	0.0306-0.0165i	1.2175+1.2235i
11.8	0.0136-0.0032i	-0.7757-0.3344i	0.6350-0.0680i	-0.0799+0.0271i	-1.0051-0.3764i	-0.4757+0.1244i	0.0275-0.0286i	1.8280+1.1222i
11.9	0.0138-0.0016i	-0.7938-0.3324i	0.6477-0.0686i	-0.0804+0.0262i	-0.9270-0.4182i	-0.5039+0.1222i	0.0346-0.0170i	2.7247+1.1531i

12.0	0.0157−0.0090i	−0.7785−0.3479i	0.6719−0.0796i	−0.0844+0.0286i	−0.8380−0.3615i	−0.5447+0.1395i	0.0339−0.0315i	2.3782+0.9209i
12.1	0.0230−0.0204i	−0.7573−0.3701i	0.7045−0.0942i	−0.0909+0.0355i	−0.7865−0.3767i	−0.5990+0.1488i	0.0297−0.0440i	2.2684+0.4770i
12.2	0.0243−0.0297i	−0.7434−0.4141i	0.7176−0.1198i	−0.0975+0.0383i	−0.7131−0.3520i	−0.6580+0.1713i	0.0229−0.0603i	2.2532+0.1356i
12.3	0.0269−0.0388i	−0.7451−0.4489i	0.7240−0.1255i	−0.1030+0.0433i	−0.6533−0.3335i	−0.7007+0.1835i	0.0019−0.0649i	2.3932−0.0232i
12.4	0.0298−0.0541i	−0.7388−0.5080i	0.7397−0.1305i	−0.1129+0.0507i	−0.6783−0.5605i	−0.7625+0.2045i	−0.0025−0.0712i	2.4946−0.4364i
12.5	0.0358−0.0665i	−0.7405−0.5765i	0.7566−0.1415i	−0.1137+0.0609i	−0.9291−0.5278i	−0.8287+0.2374i	0.0001−0.0913i	2.5155−0.8328i
12.6	0.0349−0.0901i	−0.7435−0.6739i	0.7935−0.1132i	−0.1172+0.0774i	−1.0097−0.6055i	−0.8727+0.2823i	−0.0207−0.0612i	2.7324−0.5950i
12.7	0.0321−0.1148i	−0.7845−0.7971i	0.8376−0.1170i	−0.1112+0.0978i	−1.1633−0.9082i	−0.9076+0.3571i	−0.0332−0.0374i	2.9856−0.6821i
12.8	0.0163−0.1426i	−0.8899−0.9452i	0.8763−0.1476i	−0.1008+0.1177i	−1.2361−1.0731i	−0.9246+0.4553i	−0.0410−0.0547i	2.8467−1.2443i
12.9	−0.0129−0.1743i	−1.0462−1.0790i	0.9189−0.1649i	−0.0847+0.1344i	−1.3756−1.2734i	−0.9122+0.5340i	−0.0490−0.0549i	2.6604−1.3868i
13.0	−0.0591−0.1939i	−1.3014−1.1947i	0.9684−0.2123i	−0.0565+0.1449i	−1.5987−1.2792i	−0.8747+0.5672i	−0.0410−0.0620i	2.6691−2.1996i
13.1	−0.1114−0.1907i	−1.5734−1.1738i	0.9909−0.2450i	−0.0234+0.1416i	−1.9650−1.2163i	−0.8400+0.5381i	−0.0540−0.0811i	2.6498−1.9206i
13.2	−0.1491−0.1747i	−1.8080−1.0690i	0.9934−0.2863i	−0.0040+0.1233i	−2.2255−1.0225i	−0.8651+0.4942i	−0.1097−0.0751i	2.7267−2.2478i
13.3	−0.1720−0.1534i	−1.9603−0.9660i	1.0068−0.3126i	0.0042+0.0998i	−2.4258−0.8921i	−0.9362+0.4927i	−0.1265−0.0646i	2.8609−3.6769i
13.4	−0.1923−0.1354i	−2.0588−0.8352i	1.0162−0.3257i	0.0056+0.0786i	−2.5702−0.7250i	−1.0338+0.5110i	−0.1425−0.0260i	3.0833−4.6813i
13.5	−0.2098−0.1179i	−2.1640−0.7317i	1.0156−0.3356i	0.0052+0.0660i	−2.5976−0.4704i	−1.1296+0.5158i	−0.1344−0.0049i	2.1630−5.7441i
13.6	−0.2163−0.0934i	−2.2447−0.6210i	1.0473−0.3202i	0.0076+0.0519i	−2.7600−0.4058i	−1.2314+0.5245i	−0.1378−0.0248i	1.6327−5.5343i
13.7	−0.2265−0.0706i	−2.3058−0.5157i	1.0864−0.3231i	−0.0055+0.0286i	−2.9178−0.4444i	−1.4110+0.5896i	−0.1787−0.0151i	2.0234−6.9993i
13.8	−0.2334−0.0601i	−2.3822−0.4222i	1.1050−0.2978i	−0.0308+0.0137i	−2.9119−0.2129i	−1.5888+0.6476i	−0.2116−0.0198i	1.1928−7.1999i
13.9	−0.2428−0.0503i	−2.4571−0.3385i	1.1504−0.2455i	−0.0639+0.0282i	−2.9803−0.0792i	−1.7095+0.7954i	−0.2014+0.0070i	−0.9520−6.3274i
14.0	−0.2618−0.0446i	−2.5472−0.2666i	1.2147−0.1885i	−0.0823+0.0566i	−3.1260−0.1682i	−1.8102+1.0678i	−0.2150+0.0236i	−3.8578−6.6059i
14.1	−0.2781−0.0298i	−2.6360−0.2036i	1.3182−0.1580i	−0.0771+0.0793i	−3.0687−0.0453i	−1.8566+1.2954i	−0.2334+0.0515i	−5.1284−6.1876i
14.2	−0.2922−0.0078i	−2.7607−0.0982i	1.4833−0.1223i	−0.0728+0.0947i	−3.2302+0.2188i	−1.9021+1.5249i	−0.2845+0.1431i	−5.4411−4.9203i
14.3	−0.3060+0.0214i	−2.8761+0.0028i	1.6540−0.1264i	−0.0644+0.1096i	−3.4265+0.5034i	−1.9291+1.7667i	−0.2739+0.1855i	−6.2667−4.3873i
14.4	−0.3157+0.0419i	−2.9676+0.1315i	1.8324−0.1344i	−0.0572+0.1278i	−3.6517+0.6344i	−1.9329+2.0304i	−0.2258+0.2307i	−7.0611−3.0159i
14.5	−0.3251+0.0684i	−3.0719+0.2777i	1.9959−0.1560i	−0.0534+0.1388i	−3.6822+0.4954i	−1.9419+2.3239i	−0.2114+0.2158i	−7.5040−1.3879i
14.6	−0.3448+0.1082i	−3.2088+0.4684i	2.2232−0.1518i	−0.0465+0.1633i	−3.8633+0.8315i	−1.9668+2.8502i	−0.2632+0.2827i	−7.0900−0.3741i
14.7	−0.3500+0.1591i	−3.2811+0.6692i	2.4859−0.1085i	−0.0145+0.2049i	−4.2510+0.9035i	−1.7057+3.4722i	−0.3003+0.3360i	−6.6863+0.1686i
14.8	−0.3037+0.1960i	−3.2186+0.8948i	2.9968−0.2016i	0.0481+0.2178i	−4.3713+1.1339i	−0.7472+3.8399i	−0.2525+0.4494i	−4.9786+1.1013i
14.9	−0.2701+0.1960i	−3.1589+0.9729i	3.4404−0.4080i	0.1049+0.1927i	−4.1596+1.5218i	0.1202+3.6254i	−0.2316+0.4885i	−3.4089+1.2391i
15.0	−0.2550+0.1733i	−3.1628+0.9170i	3.8775−0.6786i	0.1374+0.1395i	−4.0852+1.4205i	0.6106+2.9354i	−0.2050+0.4873i	−2.8400+1.0351i
15.1	−0.2816+0.1388i	−3.4132+0.7985i	4.4529−1.0038i	0.1507+0.1037i	−4.5796+1.2948i	0.6078+2.1541i	−0.2011+0.5329i	−2.1681+1.0112i
15.2	−0.3282+0.1344i	−3.8677+0.9251i	4.9863−1.6202i	0.1512+0.0612i	−4.9932+1.6726i	0.1937+1.7157i	−0.2954+0.5941i	−3.2855+0.3835i
15.3	−0.3805+0.1401i	−4.3152+1.1629i	5.4400−2.2932i	0.1474+0.0337i	−5.7026+2.0152i	−0.3647+1.5282i	−0.3531+0.6708i	−4.2599+0.3064i
15.4	−0.4936+0.1928i	−5.0531+1.7016i	6.2105−3.4322i	0.1301+0.0122i	−7.1850+2.5039i	−1.2599+1.5541i	−0.5081+0.9835i	−4.5673+0.8734i
15.5	−0.5827+0.2853i	−5.5851+2.3747i	6.6833−4.6160i	0.1037−0.0095i	−8.0160+3.7739i	−1.9289+1.9040i	−0.4560+1.4029i	−4.5687+1.4341i
15.6	−0.6794+0.4449i	−6.1043+3.5976i	7.0459−6.4903i	0.0776−0.0073i	−8.6719+5.5287i	−2.6281+2.7079i	−0.1677+2.1330i	−4.8098+1.6665i
15.7	−0.6771+0.7313i	−5.9388+5.8503i	6.1793−9.8249i	0.0528−0.0295i	−8.5923+9.0695i	−2.9328+4.4338i	1.0689+2.8923i	−5.0932+3.1020i
15.8	−0.4776+1.0190i	−4.2848+7.6897i	3.2100−12.1189i	0.0174−0.0112i	−6.1504+11.6039i	−1.9944+6.1654i	2.7497+2.9214i	−3.9674+4.2457i
15.9	−0.1172+1.1703i	−1.3014+8.5154i	−1.4351−12.5936i	−0.0127+0.0246i	−1.7828+12.4026i	0.1561+7.3769i	4.8122+1.2812i	−2.9948+5.4211i
16.0	0.1852+1.1337i	0.9529+7.8492i	−4.6440−11.0117i	−0.0157+0.0724i	1.8671+11.4229i	2.0879+7.2407i	5.3911−1.2471i	−1.6569+5.1082i
16.1	0.3995+0.9664i	2.0862+6.2764i	−5.9989−8.3638i	0.0506+0.1079i	3.7833+9.5912i	3.4312+6.1372i	3.6162−3.2714i	−0.1440+4.2326i
16.2	0.5020+0.7944i	2.5555+4.9714i	−6.4805−6.2743i	0.0753+0.1194i	4.4252+7.5412i	4.2459+5.1459i	1.8485−4.0498i	0.0979+3.7558i
16.3	0.5079+0.6810i	2.4805+4.1202i	−6.2402−4.9108i	0.0790+0.1140i	4.5315+6.3406i	4.5135+4.2924i	0.4607−3.6437i	0.0288+3.1181i
16.4	0.4910+0.6273i	2.2226+3.4350i	−5.7592−3.7300i	0.0895+0.1528i	4.2698+5.3381i	4.6299+3.3971i	−0.6507−2.9188i	−0.2412+2.9625i
16.5	0.5097+0.6443i	2.0034+3.1203i	−5.2706−3.0944i	0.1474+0.2142i	3.7317+4.9389i	4.5924+2.7323i	−1.0160−2.2101i	−0.4830+3.0892i
16.6	0.6213+0.6736i	1.8974+2.8412i	−4.7266−2.4848i	0.2951+0.2824i	3.4841+4.4488i	4.6368+1.9115i	−1.0533−1.4371i	−0.8635+3.1737i
16.7	0.7771+0.6093i	1.8606+2.7561i	−4.4018−2.5109i	0.4601+0.2040i	3.4587+4.6125i	4.1681+1.3025i	−0.9481−1.2423i	−0.7247+3.7613i
16.8	0.9686+0.4548i	2.0239+2.5818i	−4.4385−2.5220i	0.6161+0.0409i	3.7631+4.2364i	3.5475+0.8229i	−1.0018−1.2011i	0.0249+4.3479i
16.9	1.0203+0.2156i	2.0845+2.0616i	−4.8155−1.9527i	0.6232−0.1226i	4.0366+3.4739i	2.9633+0.8497i	−1.5242−1.1195i	0.7354+3.9376i
17.0	1.0500+0.0497i	1.9287+1.9119i	−4.6522−1.5502i	0.6777−0.2854i	3.7662+3.2526i	2.5389+1.0038i	−1.4209−0.6291i	1.1921+3.8869i
17.1	1.0358−0.2586i	1.8626+1.7859i	−4.3689−1.0491i	0.6614−0.6104i	3.6875+2.9124i	2.3457+1.6129i	−1.2891−0.3309i	1.8273+4.0735i
17.2	0.7382−0.6094i	1.9397+1.5740i	−4.0009−0.9508i	0.3058−0.9445i	3.9879+2.5069i	3.0498+2.0458i	−0.9491−0.0976i	2.6010+3.4927i
17.3	0.3470−0.5974i	1.8937+1.2882i	−3.9265−0.9107i	−0.1283−0.8803i	3.9452+2.2114i	3.7134+1.6505i	−1.0123−0.2447i	3.1868+3.0221i
17.4	0.2287−0.4183i	1.7295+1.1232i	−3.8999−0.6693i	−0.2392−0.6455i	3.6967+1.9347i	3.6951+1.0643i	−1.2272+0.1216i	3.5152+2.4386i
17.5	0.1731−0.3421i	1.5922+0.9980i	−3.7758−0.3996i	−0.2664−0.5255i	3.4514+1.6506i	3.5731+0.7339i	−0.9391+0.5753i	3.6983+1.7942i
17.6	0.1185−0.2896i	1.4909+0.9131i	−3.6145−0.2118i	−0.3030−0.4596i	3.2519+1.5919i	3.5271+0.5255i	−0.4967+0.6847i	3.5559+0.8432i
17.7	0.0901−0.2138i	1.3798+0.8468i	−3.4303−0.1170i	−0.3212−0.3817i	2.9999+1.5027i	3.4731+0.2636i	−0.1994+0.4623i	2.8168+0.3230i
17.8	0.0917−0.1642i	1.3047+0.8229i	−3.3463−0.0184i	−0.3193−0.3366i	2.8443+1.4226i	3.3406+0.0196i	−0.1292+0.2768i	2.6862+0.2671i
17.9	0.0967−0.1304i	1.2373+0.8017i	−3.2268+0.1552i	−0.3170−0.2982i	2.9289+1.3209i	3.0579−0.1918i	−0.0608+0.1228i	2.3565+0.0309i
18.0	0.1008−0.1070i	1.2222+0.7590i	−3.0951+0.2827i	−0.3355−0.2712i	2.9437+1.1136i	2.7466−0.2643i	−0.1453−0.0627i	2.0717−0.0732i
18.1	0.1047−0.0877i	1.1836+0.6882i	−2.9522+0.4107i	−0.3467−0.2277i	2.9374+1.1032i	2.5829−0.1858i	−0.2888−0.0879i	1.8041−0.1748i
18.2	0.1087−0.0821i	1.1625+0.6050i	−2.8868+0.5802i	−0.3645−0.1968i	2.9788+1.0151i	2.4836−0.0932i	−0.4662−0.0337i	1.6793−0.2830i

18.3	0.1100-0.0755i	1.1230+0.5282i	-2.7151+0.7359i	-0.3728-0.1647i	2.9300+1.0116i	2.4870-0.0260i	-0.5127+0.0902i	1.5775-0.2978i
18.4	0.1042-0.0699i	1.0359+0.4779i	-2.4411+0.8082i	-0.3680-0.1266i	2.9064+0.9003i	2.5955-0.0073i	-0.4187+0.2008i	1.4740-0.3067i
18.5	0.1004-0.0577i	0.9524+0.4365i	-2.1700+0.8866i	-0.3554-0.0760i	2.8002+0.8082i	2.8333-0.1885i	-0.3243+0.2494i	1.4088-0.3984i
18.6	0.1082-0.0525i	0.9082+0.4370i	-1.8427+0.8446i	-0.3237-0.0538i	2.6632+0.7696i	2.8743-0.6344i	-0.2520+0.2996i	1.3314-0.5089i
18.7	0.1166-0.0538i	0.9016+0.4269i	-1.7285+0.6201i	-0.3036-0.0778i	2.7174+0.6238i	2.3605-0.8897i	-0.2297+0.2881i	1.1841-0.5900i
18.8	0.1131-0.0529i	0.8968+0.3807i	-1.6903+0.5973i	-0.3177-0.0798i	2.8004+0.6247i	2.1117-0.8205i	-0.2129+0.3535i	1.0399-0.6662i
18.9	0.1051-0.0473i	0.8600+0.3396i	-1.6007+0.5577i	-0.3340-0.0663i	2.8331+0.5305i	2.0012-0.7997i	-0.1683+0.3619i	0.9029-0.7024i
19.0	0.1107-0.0425i	0.8264+0.2975i	-1.5137+0.4927i	-0.3463-0.0491i	2.8143+0.3619i	1.8406-0.7787i	-0.1038+0.3835i	0.7203-0.6643i
19.1	0.1138-0.0393i	0.7839+0.2423i	-1.4774+0.3869i	-0.3519-0.0245i	2.7035+0.2623i	1.7098-0.7010i	0.0287+0.3598i	0.5486-0.5345i
19.2	0.1159-0.0378i	0.7331+0.2127i	-1.4772+0.3227i	-0.3530-0.0045i	2.6294+0.1334i	1.6323-0.6182i	0.0765+0.3218i	0.5111-0.4302i
19.3	0.1189-0.0374i	0.6757+0.1794i	-1.4939+0.3073i	-0.3599+0.0182i	2.6158-0.0088i	1.5902-0.5339i	0.0851+0.2633i	0.5348-0.3241i
19.4	0.1209-0.0418i	0.6104+0.1482i	-1.5211+0.3067i	-0.3657+0.0351i	2.6755-0.2045i	1.5602-0.4761i	0.0809+0.2040i	0.4832-0.3325i
19.5	0.1261-0.0440i	0.5535+0.1347i	-1.5183+0.3376i	-0.3546+0.0625i	2.5302-0.0935i	1.5010-0.4616i	0.0894+0.1926i	0.5025-0.2892i
19.6	0.1326-0.0520i	0.4940+0.1154i	-1.5085+0.4233i	-0.3516+0.0915i	2.3445-0.1592i	1.4714-0.3977i	0.0704+0.2306i	0.4955-0.2762i
19.7	0.1277-0.0612i	0.4389+0.0947i	-1.4752+0.4782i	-0.3438+0.1146i	2.3497-0.2612i	1.4591-0.3351i	0.1141+0.1942i	0.4849-0.2443i
19.8	0.1167-0.0636i	0.3718+0.0955i	-1.3663+0.5614i	-0.3296+0.1407i	2.2497-0.3987i	1.4862-0.2745i	0.1606+0.1669i	0.4770-0.2318i
19.9	0.1134-0.0620i	0.2970+0.1293i	-1.2240+0.5677i	-0.3084+0.1594i	2.1195-0.4919i	1.5295-0.2514i	0.1532+0.1233i	0.4644-0.2339i
20.0	0.1163-0.0562i	0.2334+0.1527i	-1.0890+0.4836i	-0.2877+0.1637i	2.0366-0.5031i	1.5998-0.2794i	0.1604+0.0655i	0.4783-0.2166i
20.1	0.1156-0.0565i	0.1791+0.1613i	-1.0348+0.3805i	-0.2753+0.1657i	1.9087-0.4973i	1.6129-0.3137i	0.1479+0.0491i	0.4933-0.1905i
20.2	0.1164-0.0540i	0.1447+0.2019i	-1.0106+0.2433i	-0.2564+0.1619i	1.8798-0.4867i	1.5889-0.3806i	0.1236+0.0205i	0.4721-0.1927i
20.3	0.1242-0.0573i	0.1109+0.2486i	-1.0462+0.1915i	-0.2516+0.1584i	1.9252-0.4710i	1.5459-0.4269i	0.0905+0.0107i	0.4490-0.1800i
20.4	0.1308-0.0559i	0.0708+0.2889i	-1.0826+0.1974i	-0.2478+0.1680i	1.8874-0.3520i	1.4856-0.4371i	0.0686+0.0040i	0.4469-0.1655i
20.5	0.1279-0.0581i	0.0314+0.2979i	-1.1020+0.2303i	-0.2480+0.1747i	1.8465-0.5968i	1.4547-0.3822i	0.0759-0.0065i	0.4475-0.1545i
20.6	0.1304-0.0646i	0.0235+0.3678i	-1.0815+0.1832i	-0.2421+0.1808i	1.8053-0.4948i	1.4603-0.3925i	0.0544-0.0248i	0.4675-0.1566i
20.7	0.1354-0.0631i	0.0390+0.4130i	-1.0565+0.1483i	-0.2332+0.1796i	1.9131-0.3445i	1.4614-0.3807i	0.0528+0.0156i	0.4480-0.1708i
20.8	0.1375-0.0726i	0.0524+0.4504i	-1.0894+0.1172i	-0.2276+0.1749i	1.8817-0.4757i	1.4253-0.3647i	0.0442-0.0119i	0.4513-0.1829i
20.9	0.1334-0.0866i	0.0621+0.4855i	-1.1349+0.1297i	-0.2315+0.1887i	1.8093-0.5670i	1.3856-0.3460i	0.0217-0.0534i	0.4259-0.1906i
21.0	0.1339-0.0927i	0.0369+0.5131i	-1.1172+0.1609i	-0.2414+0.2084i	1.8322-0.6017i	1.4089-0.3311i	-0.0155-0.0213i	0.4395-0.1658i
21.1	0.1296-0.1025i	0.0675+0.5941i	-1.1183+0.1194i	-0.2368+0.2199i	1.9504-0.6504i	1.4624-0.3372i	-0.0099-0.0092i	0.4395-0.1911i
21.2	0.1248-0.1085i	0.1182+0.6491i	-1.1102+0.1394i	-0.2242+0.2383i	1.9259-0.6927i	1.4954-0.3270i	-0.0034+0.0119i	0.4490-0.2180i
21.3	0.1279-0.1249i	0.1060+0.7473i	-1.0919+0.1220i	-0.2196+0.2689i	1.8993-0.9351i	1.5297-0.3335i	0.0018+0.0191i	0.4517-0.2614i
21.4	0.1208-0.1336i	0.1602+0.7987i	-1.0954+0.1054i	-0.2030+0.2821i	1.8183-1.1181i	1.5587-0.3518i	-0.0088+0.0235i	0.4386-0.2834i
21.5	0.1140-0.1404i	0.2531+0.8677i	-1.0979+0.0780i	-0.1780+0.2982i	1.6927-1.1082i	1.5636-0.3766i	0.0045+0.0374i	0.4312-0.2877i
21.6	0.1181-0.1420i	0.3065+0.8739i	-1.1121+0.0476i	-0.1693+0.3163i	1.7590-1.1441i	1.5612-0.4752i	0.0162+0.0528i	0.4353-0.3112i
21.7	0.1084-0.1428i	0.4467+0.8155i	-1.1507+0.1001i	-0.1442+0.3131i	1.7966-1.1231i	1.5281-0.4513i	0.0108+0.0485i	0.4071-0.3187i
21.8	0.0965-0.1535i	0.5789+0.8137i	-1.1801+0.1137i	-0.1092+0.3238i	1.6515-1.2623i	1.5090-0.4656i	0.0324+0.0475i	0.3806-0.3374i
21.9	0.0873-0.1609i	0.6354+0.7968i	-1.1692+0.1161i	-0.0904+0.3281i	1.4990-1.3703i	1.5090-0.4957i	0.0207+0.0630i	0.3576-0.3691i
22.0	0.0706-0.1612i	0.7477+0.7627i	-1.1508+0.1434i	-0.0606+0.3268i	1.4890-1.3764i	1.5403-0.5115i	0.0150+0.0609i	0.3320-0.3847i
22.1	0.0619-0.1610i	0.8618+0.6243i	-1.1683+0.1518i	-0.0392+0.2997i	1.5167-1.2921i	1.5496-0.5055i	0.0285+0.0322i	0.3246-0.3640i
22.2	0.0573-0.1599i	0.9186+0.5060i	-1.1730+0.1824i	-0.0300+0.2834i	1.5493-1.3409i	1.5709-0.5051i	0.0046+0.0014i	0.3200-0.3624i
22.3	0.0435-0.1554i	0.9990+0.3826i	-1.1769+0.2042i	-0.0072+0.2679i	1.4159-1.5070i	1.6170-0.5411i	0.0149+0.0748i	0.2725-0.3639i
22.4	0.0469-0.1479i	1.0079+0.2675i	-1.1977+0.1988i	-0.0050+0.2599i	1.4484-1.5951i	1.5566-0.6549i	0.0439+0.0832i	0.2653-0.3757i
22.5	0.0491-0.1552i	0.9976+0.1257i	-1.2301+0.2241i	-0.0110+0.2585i	1.5399-1.8013i	1.5346-0.6799i	0.0725+0.0483i	0.2650-0.3904i
22.6	0.0412-0.1511i	1.0058+0.0305i	-1.2055+0.2664i	-0.0027+0.2537i	1.4409-1.8879i	1.6519-0.6244i	0.0304+0.0047i	0.2673-0.3613i
22.7	0.0375-0.1524i	0.9570-0.1114i	-1.1879+0.2969i	-0.0016+0.2425i	1.4488-1.9976i	1.6927-0.7324i	0.0125+0.0666i	0.2561-0.3692i
22.8	0.0235-0.1583i	0.9046-0.1926i	-1.2080+0.3202i	0.0084+0.2449i	1.2000-2.1612i	1.6541-0.8133i	0.0280+0.0678i	0.2387-0.3988i
22.9	0.0182-0.1648i	0.8161-0.3149i	-1.2065+0.3380i	0.0081+0.2564i	1.0252-2.4963i	1.6968-0.9353i	0.0511+0.0576i	0.2323-0.4400i
23.0	-0.0007-0.1816i	0.6561-0.4855i	-1.1624+0.3647i	0.0225+0.2857i	0.5568-2.9721i	1.6318-1.1415i	0.0307+0.0534i	0.2042-0.5087i
23.1	-0.0142-0.1741i	0.5503-0.5679i	-1.1600+0.4282i	0.0477+0.2738i	0.2463-2.8824i	1.5166-1.1432i	0.0661-0.0048i	0.1455-0.4914i
23.2	-0.0267-0.1656i	0.3637-0.5616i	-1.1385+0.4159i	0.0855+0.2663i	-0.3875-2.7151i	1.3808-1.1755i	0.0870+0.0255i	0.0709-0.4811i
23.3	-0.0518-0.1603i	0.0690-0.5366i	-1.1089+0.4256i	0.1275+0.2552i	-1.1042-2.6559i	1.1848-1.1926i	0.1212+0.0228i	-0.0127-0.4662i
23.4	-0.0612-0.1516i	-0.0566-0.5026i	-1.0996+0.4653i	0.1358+0.2317i	-1.2591-2.4781i	1.1152-1.1501i	0.1542+0.0125i	-0.0486-0.4359i
23.5	-0.0563-0.1325i	-0.1205-0.4904i	-1.0840+0.4784i	0.1349+0.2022i	-1.3238-2.1924i	1.0830-1.1677i	0.0953+0.0069i	-0.0588-0.3963i
23.6	-0.0623-0.1146i	-0.1640-0.2818i	-1.0818+0.4392i	0.1381+0.1646i	-1.4692-1.5804i	1.0822-1.0402i	0.0687-0.0361i	-0.0687-0.3238i
23.7	-0.0629-0.1033i	-0.1799-0.1679i	-1.0546+0.4542i	0.1297+0.1424i	-1.4802-1.2580i	1.1700-1.0349i	0.0462-0.0347i	-0.0604-0.2892i
23.8	-0.0588-0.0924i	-0.2306-0.0890i	-1.0361+0.4867i	0.1216+0.1307i	-1.5154-0.9410i	1.1443-1.0697i	0.0422-0.0330i	-0.0712-0.2601i
23.9	-0.0503-0.0845i	-0.1967-0.0234i	-1.0317+0.5139i	0.1164+0.1212i	-1.3097-0.6940i	1.1245-1.0897i	0.0582-0.0680i	-0.0721-0.2390i
24.0	-0.0501-0.0819i	-0.2067+0.0164i	-0.9969+0.5539i	0.1026+0.1100i	-1.1581-0.5958i	1.1225-1.1452i	0.0688-0.0782i	-0.0578-0.2325i
24.1	-0.0507-0.0815i	-0.1934+0.0329i	-1.0025+0.5851i	0.0894+0.1018i	-1.1045-0.4671i	1.1003-1.1854i	0.0340-0.0724i	-0.0279-0.2426i
24.2	-0.0438-0.0772i	-0.1911+0.1055i	-1.0116+0.5957i	0.0821+0.1017i	-1.1010-0.2279i	1.0508-1.2335i	0.0472-0.0307i	-0.0268-0.2387i
24.3	-0.0455-0.0725i	-0.1548+0.1735i	-0.9744+0.6062i	0.0789+0.1001i	-0.9487-0.1631i	1.0271-1.3352i	0.1389-0.0814i	-0.0338-0.2197i
24.4	-0.0454-0.0720i	-0.1235+0.1825i	-0.9426+0.6190i	0.0796+0.0953i	-0.9117-0.2506i	0.9390-1.3568i	0.1296-0.1589i	-0.0314-0.2172i
24.5	-0.0426-0.0692i	-0.1149+0.1789i	-0.9110+0.6642i	0.0813+0.0848i	-0.8508-0.0757i	0.7917-1.3623i	0.1076-0.1934i	-0.0412-0.2123i

24.6	-0.0430-0.0661i	-0.0846+0.2370i	-0.8652+0.6680i	0.0828+0.0876i	-0.7084-0.0274i	0.7111-1.4126i	0.0347-0.1082i	-0.0462-0.2290i
24.7	-0.0403-0.0625i	-0.0421+0.2110i	-0.8171+0.6600i	0.0853+0.0757i	-0.6402-0.0511i	0.5853-1.4170i	-0.0892-0.0590i	-0.0353-0.2237i
24.8	-0.0401-0.0616i	-0.0454+0.2169i	-0.7896+0.6794i	0.0784+0.0697i	-0.6257+0.0508i	0.4789-1.3048i	-0.1331-0.1390i	-0.0430-0.1961i
24.9	-0.0455-0.0621i	-0.0472+0.1996i	-0.7742+0.6919i	0.0737+0.0612i	-0.6339+0.0056i	0.3922-1.2065i	-0.1117-0.0820i	-0.0568-0.1928i
25.0	-0.0480-0.0564i	-0.0654+0.1682i	-0.7128+0.6678i	0.0709+0.0490i	-0.5956+0.0967i	0.3223-1.0759i	-0.0793-0.0023i	-0.0676-0.1747i
25.1	-0.0463-0.0465i	-0.0681+0.1640i	-0.6705+0.6423i	0.0663+0.0440i	-0.6388-0.0598i	0.2890-1.0140i	-0.0486-0.0441i	-0.0753-0.1442i
25.2	-0.0441-0.0412i	-0.0513+0.1635i	-0.6650+0.6076i	0.0584+0.0403i	-0.4040-0.0441i	0.2836-0.9592i	-0.0254-0.0244i	-0.0591-0.1326i
25.3	-0.0386-0.0378i	-0.0472+0.1678i	-0.6200+0.6069i	0.0602+0.0356i	-0.3643+0.0732i	0.3171-0.9442i	-0.0619+0.0287i	-0.0571-0.1385i
25.4	-0.0350-0.0340i	-0.0663+0.1561i	-0.5666+0.5681i	0.0568+0.0289i	-0.4787+0.0685i	0.3503-0.8976i	-0.1007+0.0204i	-0.0474-0.1260i
25.5	-0.0349-0.0303i	-0.0778+0.1481i	-0.5716+0.5495i	0.0455+0.0271i	-0.3327-0.0220i	0.3708-0.8256i	-0.0794+0.0529i	-0.0405-0.1238i
25.6	-0.0330-0.0319i	-0.0837+0.1550i	-0.5594+0.5360i	0.0404+0.0255i	-0.2756+0.0094i	0.3774-0.7883i	-0.0964-0.0779i	-0.0446-0.0852i
25.7	-0.0256-0.0300i	-0.0933+0.1643i	-0.5640+0.4884i	0.0326+0.0196i	-0.2605+0.0505i	0.3567-0.7956i	-0.0906+0.0469i	-0.0317-0.0888i
25.8	-0.0216-0.0248i	-0.1210+0.1617i	-0.5795+0.4504i	0.0184+0.0135i	-0.3598-0.0089i	0.3689-0.7599i	-0.0260+0.0759i	-0.0283-0.0936i
25.9	-0.0186-0.0239i	-0.1365+0.1786i	-0.5924+0.4605i	0.0083+0.0123i	-0.3073+0.0852i	0.4317-0.7114i	-0.0902+0.0222i	-0.0091-0.0833i
26.0	-0.0153-0.0241i	-0.1419+0.1969i	-0.6260+0.4379i	0.0056+0.0140i	-0.3075+0.0988i	0.4692-0.7354i	-0.1001+0.0227i	0.0075-0.0776i
26.1	-0.0103-0.0235i	-0.1496+0.2082i	-0.6683+0.4288i	-0.0060+0.0157i	-0.2640+0.0649i	0.4645-0.7283i	-0.0089+0.0861i	0.0130-0.0915i
26.2	-0.0033-0.0271i	-0.1971+0.2141i	-0.7127+0.4510i	-0.0190+0.0197i	-0.1208+0.0541i	0.4604-0.7038i	0.0382+0.1647i	0.0120-0.1010i
26.3	0.0028-0.0243i	-0.2113+0.2297i	-0.7269+0.4645i	-0.0335+0.0289i	-0.1469+0.0046i	0.5211-0.6689i	-0.0082+0.0302i	0.0247-0.0842i
26.4	0.0005-0.0258i	-0.2279+0.2630i	-0.7398+0.4994i	-0.0372+0.0389i	-0.1708+0.0519i	0.5557-0.6875i	0.1032+0.0538i	0.0271-0.0985i
26.5	0.0044-0.0306i	-0.2447+0.2916i	-0.7662+0.5357i	-0.0401+0.0473i	-0.1914+0.1095i	0.5895-0.7313i	0.0519+0.0372i	0.0510-0.1003i
26.6	0.0172-0.0334i	-0.2511+0.3463i	-0.7700+0.5736i	-0.0455+0.0554i	-0.2816+0.1708i	0.6287-0.7993i	-0.0414+0.1169i	0.0650-0.1128i
26.7	0.0207-0.0342i	-0.2519+0.3945i	-0.7619+0.6197i	-0.0428+0.0692i	-0.1900+0.3235i	0.6432-0.8344i	0.0214+0.0156i	0.0622-0.1268i
26.8	0.0256-0.0371i	-0.2430+0.4401i	-0.7346+0.6575i	-0.0339+0.0768i	-0.1822+0.4059i	0.5942-0.8799i	0.0926-0.0549i	0.0580-0.1220i
26.9	0.0290-0.0466i	-0.2226+0.4943i	-0.7134+0.7010i	-0.0298+0.0753i	-0.1628+0.2891i	0.5478-0.9660i	0.1449-0.0471i	0.0422-0.1279i
27.0	0.0327-0.0511i	-0.2050+0.5408i	-0.7045+0.7659i	-0.0314+0.0821i	-0.1088+0.2614i	0.5638-1.0339i	0.0299-0.0461i	0.0407-0.1452i
27.1	0.0342-0.0619i	-0.1659+0.5904i	-0.6828+0.8090i	-0.0320+0.0893i	-0.0318+0.2756i	0.5329-1.0656i	-0.0001-0.0094i	0.0403-0.1583i
27.2	0.0302-0.0721i	-0.0645+0.6553i	-0.5938+0.8810i	-0.0207+0.1008i	0.0155+0.4414i	0.4133-1.1199i	-0.0294-0.0335i	0.0264-0.1719i
27.3	0.0299-0.0807i	-0.0047+0.6837i	-0.5368+0.9312i	-0.0127+0.1060i	0.1038+0.4515i	0.3387-1.1689i	-0.1306-0.0190i	0.0296-0.1846i
27.4	0.0221-0.0932i	0.0996+0.7057i	-0.4503+0.9529i	0.0001+0.1144i	0.1961+0.2814i	0.2374-1.2158i	-0.1836+0.0483i	0.0176-0.2041i
27.5	0.0200-0.1006i	0.1935+0.6681i	-0.3765+0.9483i	0.0150+0.1074i	0.3540+0.1591i	0.1084-1.1760i	-0.1082+0.0177i	-0.0130-0.1974i
27.6	0.0167-0.1137i	0.2867+0.5912i	-0.2948+0.9284i	0.0244+0.0978i	0.3531+0.0351i	-0.0264-1.0719i	-0.0121-0.0778i	-0.0532-0.1658i
27.7	0.0036-0.1165i	0.3307+0.5194i	-0.2149+0.9223i	0.0251+0.0820i	0.3003-0.0223i	-0.1055-1.0176i	0.0019+0.0210i	-0.0485-0.1587i
27.8	-0.0117-0.1090i	0.3684+0.4074i	-0.1277+0.8955i	0.0304+0.0710i	0.3220-0.0523i	-0.1356-0.9417i	-0.0444+0.0414i	-0.0589-0.1624i
27.9	-0.0193-0.1090i	0.3640+0.3451i	-0.0681+0.8739i	0.0304+0.0680i	0.3542-0.1919i	-0.1710-0.9037i	-0.0417+0.0668i	-0.0663-0.1539i
28.0	-0.0328-0.1107i	0.3412+0.2697i	0.0269+0.8259i	0.0316+0.0598i	0.2299-0.1943i	-0.2191-0.8396i	0.0093+0.1028i	-0.0735-0.1338i
28.1	-0.0408-0.1083i	0.2854+0.2266i	0.0939+0.7425i	0.0256+0.0539i	0.0473-0.2249i	-0.2647-0.7311i	-0.0266+0.0833i	-0.0774-0.1151i
28.2	-0.0530-0.1000i	0.2501+0.2015i	0.1458+0.6615i	0.0178+0.0458i	-0.0870-0.2508i	-0.2998-0.6280i	0.0268+0.0283i	-0.0836-0.0967i
28.3	-0.0607-0.0888i	0.2302+0.1773i	0.1621+0.5941i	0.0099+0.0436i	-0.0748-0.2809i	-0.3062-0.5611i	0.1036+0.0432i	-0.0761-0.1068i
28.4	-0.0625-0.0760i	0.1995+0.1532i	0.1846+0.5148i	0.0063+0.0422i	-0.0065-0.3170i	-0.2757-0.4785i	0.1032-0.0683i	-0.0770-0.0786i
28.5	-0.0643-0.0721i	0.1719+0.1534i	0.1660+0.4245i	0.0012+0.0372i	-0.0380-0.0784i	-0.2057-0.4046i	0.1111-0.0164i	-0.0520-0.0611i
28.6	-0.0618-0.0650i	0.1551+0.1444i	0.1510+0.3718i	-0.0056+0.0368i	0.0509-0.0814i	-0.1736-0.3478i	0.0890-0.0702i	-0.0456-0.0562i
28.7	-0.0612-0.0544i	0.1459+0.1344i	0.1490+0.3223i	-0.0029+0.0361i	-0.0036-0.1351i	-0.1552-0.2909i	0.0903-0.0938i	-0.0639-0.0406i
28.8	-0.0607-0.0432i	0.1336+0.1346i	0.1198+0.2713i	-0.0047+0.0385i	0.0067-0.0811i	-0.1336-0.2485i	0.1834-0.0232i	-0.0573-0.0439i
28.9	-0.0592-0.0398i	0.1236+0.1335i	0.1032+0.2324i	-0.0109+0.0366i	-0.0724-0.0465i	-0.1082-0.2452i	0.1033-0.0051i	-0.0438-0.0691i
29.0	-0.0554-0.0387i	0.1111+0.1285i	0.0846+0.2036i	-0.0083+0.0342i	-0.0416-0.0029i	-0.0785-0.2296i	0.0141-0.0461i	-0.0410-0.0661i
29.1	-0.0511-0.0300i	0.0925+0.0927i	0.0594+0.1647i	-0.0109+0.0247i	-0.0147+0.1263i	-0.0604-0.2027i	-0.0412-0.0405i	-0.0257-0.0150i
29.2	-0.0510-0.0274i	0.0747+0.0878i	0.0446+0.1405i	-0.0199+0.0187i	0.1007+0.0143i	-0.0180-0.1731i	-0.0282-0.0783i	-0.0105-0.0056i
29.3	-0.0513-0.0272i	0.0576+0.1114i	0.0202+0.1301i	-0.0217+0.0269i	0.0908+0.0106i	0.0057-0.1729i	-0.0302-0.1165i	-0.0141-0.0261i
29.4	-0.0425-0.0341i	0.0437+0.1320i	-0.0012+0.1168i	-0.0208+0.0316i	0.0316-0.1399i	0.0231-0.1288i	-0.0062-0.1061i	-0.0133-0.0468i
29.5	-0.0363-0.0234i	0.0201+0.0962i	-0.0214+0.1060i	-0.0305+0.0323i	-0.0486-0.1554i	0.0666-0.1338i	0.0968-0.1294i	-0.0109-0.0401i
29.6	-0.0361-0.0183i	0.0063+0.0706i	-0.0418+0.1020i	-0.0401+0.0262i	-0.0544+0.0114i	0.0787-0.1266i	0.0313-0.1139i	-0.0026-0.0296i
29.7	-0.0340-0.0211i	0.0029+0.0510i	-0.0551+0.1022i	-0.0387+0.0214i	-0.0385-0.0576i	0.0825-0.1190i	0.0424-0.2122i	-0.0272-0.0122i
29.8	-0.0362-0.0226i	-0.0165+0.0658i	-0.0682+0.0777i	-0.0422+0.0273i	0.0364-0.0117i	0.0863-0.0937i	0.0616-0.0855i	-0.0076-0.0131i
29.9	-0.0289-0.0197i	-0.0524+0.0822i	-0.0702+0.0294i	-0.0569+0.0178i	0.1260-0.0231i	0.0709-0.1216i	0.1604-0.0670i	-0.0058-0.0145i
30.0	-0.0226-0.0178i	-0.0623+0.0741i	-0.0667+0.0379i	-0.0603+0.0170i	0.1784-0.0502i	0.1529-0.1448i	0.1392-0.1912i	0.0167-0.0120i
30.1	-0.0182-0.0212i	-0.0859+0.0830i	-0.0769+0.0655i	-0.0606+0.0237i	0.0138-0.0358i	0.1797-0.0909i	0.0095-0.0525i	0.0390-0.0283i
30.2	-0.0104-0.0226i	-0.1227+0.0888i	-0.0792+0.0629i	-0.0725+0.0173i	0.0391-0.0886i	0.1890-0.0683i	0.0851-0.0984i	0.0324-0.0242i
30.3	-0.0084-0.0241i	-0.1506+0.0863i	-0.0929+0.0491i	-0.0892+0.0207i	-0.0686+0.0101i	0.1713-0.0331i	0.0655-0.0409i	0.0227-0.0299i
30.4	-0.0035-0.0168i	-0.1798+0.0947i	-0.1090+0.0336i	-0.0998+0.0350i	-0.1864-0.0370i	0.1315-0.0458i	-0.1629-0.0777i	0.0380-0.0277i
30.5	-0.0036-0.0174i	-0.1823+0.0986i	-0.0973+0.0235i	-0.1022+0.0313i	-0.0415+0.0523i	0.1644-0.0813i	-0.2456-0.1303i	0.0649-0.0373i
30.6	-0.0007-0.0225i	-0.1887+0.1194i	-0.1070-0.0021i	-0.1046+0.0286i	0.0184+0.0783i	0.1894-0.1083i	-0.1288-0.1074i	0.0791-0.0263i
30.7	0.0004-0.0226i	-0.2355+0.1385i	-0.1034-0.0158i	-0.1193+0.0331i	0.0608-0.0835i	0.2120-0.1267i	0.0938-0.0702i	0.0680-0.0310i
30.8	0.0128-0.0224i	-0.2865+0.1336i	-0.0930+0.0030i	-0.1243+0.0383i	0.1262-0.0838i	0.2443-0.0666i	-0.0457+0.1096i	0.1133-0.0469i

30.9	0.0204-0.0356i	-0.3110+0.1721i	-0.0867-0.0038i	-0.1311+0.0510i	-0.0261+0.0127i	0.2546-0.0264i	0.0016+0.1760i	0.0975-0.0695i
31.0	0.0288-0.0383i	-0.3736+0.1918i	-0.0761-0.0179i	-0.1515+0.0523i	0.0101+0.0440i	0.2455-0.0308i	-0.0995+0.2404i	0.0996-0.0944i
31.1	0.0406-0.0382i	-0.4299+0.2408i	-0.0635-0.0193i	-0.1662+0.0706i	0.0929+0.1358i	0.2763+0.0288i	-0.0629+0.2001i	0.1051-0.0777i
31.2	0.0478-0.0556i	-0.4643+0.3080i	-0.0760-0.0658i	-0.1785+0.0835i	-0.0302+0.0625i	0.2779-0.0078i	0.0143+0.0167i	0.1338-0.0592i
31.3	0.0532-0.0630i	-0.4935+0.3299i	-0.0739-0.0854i	-0.1841+0.0901i	-0.1056-0.0249i	0.2693+0.0006i	0.1317+0.0617i	0.1185-0.0518i
31.4	0.0698-0.0777i	-0.5622+0.4105i	-0.0393-0.0604i	-0.2057+0.1302i	0.0243+0.1429i	0.2915+0.0666i	0.1563+0.0522i	0.1227-0.0885i
31.5	0.0689-0.1101i	-0.5563+0.5958i	-0.0397-0.0762i	-0.2061+0.1814i	-0.0070+0.1065i	0.2942+0.0683i	0.0112-0.0575i	0.1379-0.1475i
31.6	0.0384-0.1417i	-0.4325+0.7610i	-0.1040-0.1540i	-0.1799+0.2245i	0.1812+0.0973i	0.3551+0.0693i	0.0373-0.0427i	0.1579-0.1555i
31.7	0.0199-0.1605i	-0.3473+0.8480i	-0.0993-0.1755i	-0.1568+0.2481i	0.1366+0.0998i	0.3341+0.0413i	0.1760+0.0008i	0.1174-0.1839i
31.8	0.0069-0.1716i	-0.2666+0.8943i	-0.1031-0.2092i	-0.1326+0.2615i	-0.0017+0.0056i	0.3651+0.0919i	0.3042-0.0211i	0.0739-0.1542i
31.9	0.0025-0.1883i	-0.2541+0.9970i	-0.1208-0.2331i	-0.1289+0.2932i	-0.0521+0.0398i	0.4521+0.0905i	0.3033-0.0798i	0.0923-0.1967i
32.0	-0.0420-0.1604i	-0.0277+0.8861i	-0.0972-0.2325i	-0.0570+0.2655i	0.1204+0.1388i	0.4496+0.0795i	0.2062-0.2340i	0.0536-0.1770i
32.1	-0.0712-0.1547i	0.1066+0.8592i	-0.1145-0.2364i	-0.0257+0.2537i	0.2957+0.0746i	0.3926+0.0617i	-0.0277-0.1490i	0.0470-0.1736i
32.2	-0.0925-0.1814i	0.1946+0.9873i	-0.1220-0.3041i	0.0025+0.2920i	0.2491+0.1148i	0.4254+0.1056i	-0.0076-0.2436i	0.0289-0.1880i
32.3	-0.0843-0.1696i	0.1826+0.9639i	-0.1376-0.3445i	0.0001+0.2903i	0.3132+0.2032i	0.4463+0.1575i	0.1648-0.1425i	0.0215-0.1964i
32.4	-0.1248-0.1636i	0.4346+0.9223i	-0.1501-0.3601i	0.0770+0.2787i	0.2898+0.1216i	0.4122+0.1746i	0.1459-0.2494i	-0.0083-0.1893i
32.5	-0.1636-0.1627i	0.6138+0.8740i	-0.2502-0.4803i	0.1286+0.2555i	0.2425-0.0678i	0.5651+0.2735i	0.0717-0.3211i	-0.0237-0.1082i
32.6	-0.1585-0.1255i	0.6093+0.6702i	-0.3376-0.5420i	0.1194+0.1922i	0.2075+0.1034i	0.6843+0.3229i	-0.1424-0.2765i	0.0338-0.0352i
32.7	-0.1828-0.0798i	0.7245+0.4661i	-0.3723-0.5685i	0.1436+0.1305i	0.2268+0.1689i	0.7021+0.4099i	-0.2119-0.1312i	0.0105+0.0051i
32.8	-0.1671-0.0586i	0.6669+0.3583i	-0.4401-0.5704i	0.1178+0.1034i	0.2796-0.0516i	0.8114+0.4386i	-0.2273-0.0342i	0.0409+0.0147i
32.9	-0.1587-0.0534i	0.6227+0.2979i	-0.5233-0.5240i	0.1063+0.0829i	0.1982-0.0330i	0.9661+0.3182i	-0.2057-0.1116i	0.0885-0.0275i
33.0	-0.1502-0.0382i	0.5538+0.1891i	-0.5736-0.4747i	0.0752+0.0559i	0.1503+0.0042i	1.0595+0.2193i	-0.1678-0.1969i	0.0975-0.0561i
33.1	-0.1380-0.0296i	0.4677+0.1501i	-0.6284-0.4492i	0.0409+0.0502i	-0.0120-0.2577i	1.1048+0.1370i	-0.0610-0.0789i	0.1101-0.0644i
33.2	-0.1384-0.0300i	0.4475+0.1033i	-0.6736-0.4569i	0.0246+0.0272i	0.0398-0.3284i	1.1530+0.0588i	-0.0974+0.0030i	0.1173-0.0577i
33.3	-0.1311-0.0355i	0.3572+0.1150i	-0.7248-0.3813i	-0.0096+0.0339i	0.0759-0.2247i	1.1741-0.1019i	-0.0278+0.0694i	0.1530-0.1038i
33.4	-0.1241-0.0414i	0.2739+0.1233i	-0.7492-0.3251i	-0.0411+0.0400i	0.2065-0.2376i	1.1953-0.1968i	-0.1296-0.0516i	0.1873-0.1524i
33.5	-0.1407-0.0359i	0.3220+0.0791i	-0.7604-0.3081i	-0.0419+0.0330i	0.2039-0.2463i	1.1647-0.2400i	-0.0871-0.1211i	0.1597-0.1335i
33.6	-0.1414-0.0413i	0.3148+0.1211i	-0.8139-0.2454i	-0.0542+0.0610i	0.0091-0.2270i	1.1506-0.3606i	-0.0278-0.1886i	0.1592-0.1666i
33.7	-0.1399-0.0360i	0.2711+0.1240i	-0.8368-0.1706i	-0.0709+0.0823i	-0.0091-0.1145i	1.1398-0.5081i	-0.0538-0.1257i	0.1853-0.2228i
33.8	-0.1407-0.0199i	0.2213+0.1368i	-0.8640-0.1053i	-0.0967+0.1203i	0.1381-0.0561i	1.0699-0.6640i	-0.0417-0.0286i	0.2159-0.2792i
33.9	-0.1507-0.0190i	0.2588+0.1256i	-0.8869-0.1163i	-0.0767+0.1262i	0.2174-0.1969i	1.0113-0.7043i	0.0583+0.0903i	0.1840-0.2988i
34.0	-0.1324-0.0127i	0.1955+0.1047i	-0.9592+0.0187i	-0.0772+0.1368i	0.1343-0.1148i	0.9463-0.7994i	0.0451+0.1420i	0.1885-0.3492i
34.1	-0.1139-0.0046i	0.0605+0.1341i	-0.9944+0.2467i	-0.1131+0.1645i	0.0120+0.1286i	0.8281-0.9558i	0.0799+0.2299i	0.2092-0.4517i
34.2	-0.1100-0.0276i	0.0778+0.2191i	-0.8562+0.4391i	-0.0800+0.1867i	0.0425-0.0283i	0.6373-1.0683i	0.0801+0.1711i	0.1271-0.5139i
34.3	-0.1298-0.0326i	0.1247+0.2466i	-0.6341+0.4458i	-0.0577+0.1907i	0.1236-0.1179i	0.4003-0.9589i	0.1163+0.0337i	-0.0106-0.4788i
34.4	-0.1539-0.0118i	0.1507+0.2052i	-0.4467+0.4176i	-0.0537+0.1819i	0.1136-0.0831i	0.1725-0.8211i	0.0431+0.0715i	-0.1069-0.4018i
34.5	-0.1514+0.0029i	0.1300+0.1806i	-0.3233+0.3502i	-0.0690+0.1727i	0.1238+0.0290i	0.0592-0.6522i	0.0765+0.1021i	-0.1424-0.3526i
34.6	-0.1466-0.0023i	0.1391+0.1978i	-0.2846+0.2394i	-0.0677+0.1696i	0.0233+0.0351i	0.1172-0.5165i	0.0726+0.0214i	-0.0811-0.3002i
34.7	-0.1577+0.0026i	0.1451+0.2100i	-0.2480+0.1911i	-0.0755+0.1756i	0.1024-0.0486i	0.1078-0.4408i	0.0510+0.0255i	-0.0687-0.2865i
34.8	-0.1516+0.0023i	0.1228+0.2405i	-0.2517+0.1452i	-0.0843+0.1986i	0.1308-0.0675i	0.1754-0.3677i	0.1098+0.0414i	-0.0343-0.3111i
34.9	-0.1340+0.0171i	0.0975+0.2446i	-0.2688+0.1100i	-0.0705+0.2296i	-0.0023+0.0876i	0.2311-0.3244i	0.0196-0.0650i	0.0014-0.3484i
35.0	-0.1392+0.0282i	0.1032+0.2494i	-0.2669+0.0590i	-0.0757+0.2530i	-0.0128+0.0352i	0.2383-0.2768i	0.0084-0.0224i	0.0076-0.3679i
35.1	-0.1476+0.0347i	0.0984+0.2620i	-0.2594+0.0193i	-0.0919+0.2690i	0.0137-0.1021i	0.2316-0.2600i	0.0276-0.0608i	0.0050-0.3458i
35.2	-0.1413+0.0289i	0.1127+0.2633i	-0.2406-0.0070i	-0.0646+0.2696i	0.0962-0.0888i	0.2242-0.2604i	0.0921-0.1164i	-0.0576-0.3548i
35.3	-0.1357+0.0302i	0.1187+0.2621i	-0.2402-0.0589i	-0.0455+0.2695i	0.0794-0.0355i	0.2474-0.2109i	0.1939-0.0718i	-0.0563-0.3913i
35.4	-0.1358+0.0471i	0.1417+0.2854i	-0.2338-0.0771i	-0.0124+0.3082i	0.0132-0.2097i	0.2276-0.1658i	0.1353-0.0676i	-0.0986-0.4312i
35.5	-0.1494+0.0624i	0.1380+0.2747i	-0.2594-0.1162i	-0.0389+0.3155i	-0.0324-0.1005i	0.1943-0.1225i	0.0114-0.1163i	-0.1425-0.3842i
35.6	-0.1375+0.0498i	0.1465+0.2913i	-0.2582-0.1546i	-0.0089+0.3107i	-0.0749-0.0911i	0.2433-0.0717i	-0.0855-0.0938i	-0.1899-0.3631i
35.7	-0.1521+0.0645i	0.1956+0.2527i	-0.2665-0.1810i	0.0285+0.2930i	-0.0903-0.2641i	0.2220-0.0241i	-0.0599-0.1271i	-0.2330-0.3501i
35.8	-0.1436+0.0595i	0.2058+0.2557i	-0.2684-0.1847i	0.0506+0.2934i	-0.0047-0.1381i	0.2429-0.0071i	-0.0164-0.1162i	-0.2107-0.3287i
35.9	-0.1445+0.0565i	0.2183+0.2611i	-0.2888-0.2172i	0.0654+0.2859i	0.0450-0.0461i	0.2912+0.0243i	0.0005-0.0251i	-0.2165-0.3153i
36.0	-0.1518+0.0637i	0.2294+0.2553i	-0.3062-0.2368i	0.0668+0.2743i	-0.0081-0.1005i	0.3158+0.0379i	0.0398-0.0274i	-0.2353-0.2904i
36.1	-0.1594+0.0834i	0.2338+0.2317i	-0.3311-0.2426i	0.0636+0.2715i	-0.0478-0.1253i	0.3232+0.0655i	0.0513-0.0371i	-0.2383-0.2704i
36.2	-0.1531+0.1083i	0.2258+0.2205i	-0.3716-0.2616i	0.0761+0.2909i	-0.0055-0.1314i	0.3751+0.1421i	0.0786-0.0714i	-0.2454-0.2309i
36.3	-0.1343+0.1045i	0.2258+0.2101i	-0.3803-0.2777i	0.1054+0.2824i	0.0094-0.0225i	0.4664+0.1925i	0.0523-0.1050i	-0.2667-0.2222i
36.4	-0.1290+0.1052i	0.2060+0.2110i	-0.3809-0.2982i	0.0893+0.2777i	-0.0172-0.0228i	0.4987+0.1729i	0.0413-0.1477i	-0.2663-0.1594i
36.5	-0.1355+0.1181i	0.2216+0.2186i	-0.3969-0.3217i	0.0800+0.2864i	-0.1380-0.0922i	0.4735+0.1789i	0.1141-0.1301i	-0.2283-0.1805i
36.6	-0.1217+0.1395i	0.2257+0.2020i	-0.4410-0.3204i	0.1066+0.3027i	-0.0974-0.0323i	0.5447+0.2191i	0.0634-0.1008i	-0.1855-0.1902i
36.7	-0.1179+0.1471i	0.2154+0.1844i	-0.4532-0.3420i	0.1159+0.2888i	-0.0293-0.0940i	0.5837+0.2149i	0.0249-0.2051i	-0.1808-0.1500i
36.8	-0.1048+0.1432i	0.2187+0.1987i	-0.4601-0.3620i	0.1352+0.2943i	-0.1638-0.2078i	0.6208+0.2726i	-0.0447-0.1417i	-0.1645-0.1623i
36.9	-0.1062+0.1522i	0.2379+0.1861i	-0.5222-0.3740i	0.1427+0.2980i	-0.2038-0.2134i	0.7288+0.2969i	-0.0321-0.0453i	-0.1677-0.1504i
37.0	-0.1257+0.1442i	0.2462+0.1842i	-0.5791-0.3942i	0.1261+0.2924i	-0.0006-0.2841i	0.7916+0.2843i	0.0337-0.1200i	-0.1570-0.1393i
37.1	-0.1098+0.1532i	0.2534+0.1845i	-0.6219-0.3932i	0.1476+0.3104i	0.1283-0.1699i	0.8829+0.2575i	-0.0044-0.1961i	-0.1664-0.1190i

37.2	−0.0874+0.1716i	0.2610+0.1599i	−0.6578−0.3881i	0.1869+0.3054i	−0.1026−0.0116i	0.9269+0.2597i	−0.0742−0.1387i	−0.1393−0.1430i
37.3	−0.0753+0.1509i	0.2597+0.1537i	−0.6814−0.3593i	0.2024+0.2779i	−0.1243−0.0603i	0.9978+0.2153i	−0.0553−0.1786i	−0.1236−0.1543i
37.4	−0.0258+0.1504i	0.2737+0.1673i	−0.7419−0.3688i	0.2769+0.3066i	−0.0480−0.0092i	1.0602+0.3048i	−0.0912−0.1718i	−0.0842−0.1424i
37.5	−0.0368+0.1568i	0.2634+0.1434i	−0.7234−0.3508i	0.2548+0.2889i	−0.1579+0.0169i	1.0285+0.2148i	−0.1852−0.1299i	−0.0719−0.1605i
37.6	−0.0644+0.1581i	0.2729+0.1048i	−0.7314−0.3230i	0.2326+0.2447i	−0.2593+0.0410i	1.0534+0.1370i	−0.1445−0.1003i	−0.0323−0.1668i
37.7	−0.0509+0.1649i	0.2526+0.0895i	−0.7529−0.2779i	0.2378+0.2245i	−0.1540−0.1351i	1.0967+0.0550i	−0.0355−0.0634i	−0.0254−0.2007i
37.8	−0.0534+0.1687i	0.2698+0.0916i	−0.7822−0.2528i	0.2543+0.2389i	−0.1809−0.1461i	1.1634+0.0222i	0.0002−0.0432i	0.0055−0.2041i
37.9	−0.0663+0.1765i	0.2962+0.0594i	−0.7985−0.2301i	0.2652+0.2205i	−0.1762+0.0621i	1.1656−0.0209i	0.0315−0.1540i	0.0678−0.3133i
38.0	−0.0565+0.1715i	0.2720+0.0459i	−0.8140−0.2094i	0.2609+0.2004i	−0.1769−0.0096i	1.2419−0.0457i	−0.0707−0.1831i	0.0448−0.3236i
38.1	−0.0635+0.1777i	0.2600+0.0300i	−0.8327−0.1848i	0.2579+0.1815i	−0.2139+0.1210i	1.2891−0.1376i	−0.0709−0.1812i	0.0374−0.3568i
38.2	−0.0741+0.1972i	0.2547+0.0143i	−0.8490−0.1731i	0.2459+0.1702i	−0.1127+0.0565i	1.3021−0.2125i	0.0432−0.1739i	0.0296−0.3971i
38.3	−0.0648+0.2161i	0.2519−0.0100i	−0.8627−0.1466i	0.2585+0.1638i	−0.0933−0.1232i	1.3069−0.2693i	−0.0059−0.1974i	−0.0001−0.4679i
38.4	−0.0525+0.2436i	0.2254−0.0321i	−0.8760−0.1088i	0.2484+0.1776i	−0.1655+0.0209i	1.3320−0.3500i	−0.0765−0.2613i	−0.0495−0.4665i
38.5	−0.0433+0.2538i	0.2140−0.0610i	−0.8800−0.0772i	0.2356+0.1551i	−0.1931+0.1216i	1.3079−0.4416i	−0.0765−0.2931i	−0.1017−0.5283i
38.6	0.0038+0.2482i	0.1811−0.0607i	−0.8347−0.0835i	0.2529+0.1275i	−0.0609+0.1441i	1.2122−0.4352i	−0.1359−0.3144i	−0.2064−0.6052i
38.7	0.0333+0.2805i	0.1475−0.0971i	−0.8003−0.0307i	0.2440+0.1255i	−0.2252+0.1621i	1.0953−0.5637i	−0.1651−0.4144i	−0.2921−0.7609i
38.8	0.0344+0.3134i	0.1600−0.1224i	−0.8491+0.0043i	0.2511+0.1379i	−0.1222+0.1678i	1.1114−0.6457i	−0.1583−0.3243i	−0.2658−0.7402i
38.9	0.0658+0.3128i	0.1322−0.1272i	−0.8477+0.0386i	0.2577+0.1328i	−0.1224+0.1416i	1.0951−0.6898i	−0.2165−0.3033i	−0.3333−0.7085i
39.0	0.1059+0.3044i	0.1002−0.1281i	−0.8003+0.0351i	0.2635+0.1194i	−0.0500+0.0536i	0.9835−0.6831i	−0.2610−0.2095i	−0.4370−0.7029i
39.1	0.1370+0.2921i	0.0688−0.1222i	−0.7768+0.0396i	0.2612+0.1166i	−0.1213+0.1812i	0.8963−0.6546i	−0.3212−0.1892i	−0.5433−0.6437i
39.2	0.1619+0.2500i	0.0291−0.0952i	−0.7489+0.0420i	0.2453+0.1080i	−0.1363+0.0733i	0.8626−0.6196i	−0.4022−0.1845i	−0.7004−0.5631i
39.3	0.1760+0.2367i	0.0063−0.0922i	−0.7255+0.0392i	0.2432+0.1063i	−0.1327+0.0968i	0.8243−0.5963i	−0.4287−0.1717i	−0.7329−0.5213i
39.4	0.2096+0.2249i	−0.0287−0.1094i	−0.6661+0.0684i	0.2534+0.0818i	0.0523+0.2862i	0.7244−0.5931i	−0.4350−0.1790i	−0.7716−0.5482i
39.5	0.2225+0.1842i	−0.0743−0.0586i	−0.6466−0.0294i	0.2086+0.0840i	0.0926+0.1072i	0.6949−0.4417i	−0.5292−0.0956i	−0.9868−0.3955i
39.6	0.2277+0.1709i	−0.0462−0.0407i	−0.6480−0.0128i	0.2444+0.0828i	0.0564+0.1897i	0.6766−0.4307i	−0.4536−0.0743i	−0.8490−0.3366i
39.7	0.2599+0.1890i	−0.0530−0.0599i	−0.6690−0.0097i	0.2876+0.0936i	0.1196+0.1788i	0.7043−0.3999i	−0.4302−0.1029i	−0.7586−0.3782i
39.8	0.2630+0.1525i	−0.0680−0.0116i	−0.7352−0.0303i	0.2845+0.0980i	0.0982−0.0406i	0.8233−0.3833i	−0.5179−0.0709i	−0.8807−0.2437i
39.9	0.2505+0.1388i	−0.0525+0.0159i	−0.7669−0.0126i	0.2876+0.1226i	−0.1761−0.0486i	0.8420−0.4592i	−0.5121+0.0372i	−0.8881−0.0747i
40.0	0.2614+0.1169i	−0.0664−0.0079i	−0.7248+0.0223i	0.2741+0.0793i	−0.1881+0.0227i	0.7933−0.4537i	−0.4633+0.0593i	−0.8716−0.0833i
40.1	0.2618+0.1066i	−0.0720+0.0128i	−0.7380+0.0243i	0.2879+0.0788i	0.0424+0.0187i	0.8107−0.4489i	−0.4296+0.0248i	−0.8437+0.0030i
40.2	0.2502+0.0806i	−0.0748+0.0253i	−0.7331+0.0137i	0.2890+0.0589i	0.0343−0.1913i	0.8142−0.4105i	−0.4416+0.0646i	−0.8448+0.0543i
40.3	0.2748+0.0609i	−0.0820+0.0195i	−0.7063+0.0122i	0.2965+0.0284i	0.0651−0.1062i	0.7514−0.3995i	−0.4466+0.0857i	−0.8515+0.0378i
40.4	0.2701+0.0251i	−0.0907+0.0390i	−0.6951+0.0354i	0.2748+0.0068i	0.1800−0.0439i	0.7669−0.4214i	−0.4116+0.1376i	−0.8183+0.1232i
40.5	0.2317−0.0352i	−0.0980+0.0647i	−0.6504+0.0227i	0.2434−0.0363i	−0.0281+0.0508i	0.7385−0.3501i	−0.4201+0.1350i	−0.8171+0.1600i
40.6	0.2285−0.0726i	−0.1065+0.0936i	−0.6165+0.0178i	0.2295−0.0525i	0.0612+0.0560i	0.6967−0.3011i	−0.3887+0.1599i	−0.8099+0.2124i
40.7	0.1914−0.0793i	−0.0784+0.1244i	−0.6168−0.0497i	0.2054−0.0234i	0.1484+0.0365i	0.7615−0.2499i	−0.4007+0.2325i	−0.7496+0.2926i
40.8	0.1836−0.0795i	−0.0552+0.1164i	−0.6525−0.0643i	0.2120−0.0218i	0.1095−0.0225i	0.8181−0.2382i	−0.3482+0.2299i	−0.6893+0.2878i
40.9	0.2063−0.1087i	−0.0675+0.1085i	−0.6585−0.0048i	0.2361−0.0709i	−0.0954+0.0275i	0.8402−0.2395i	−0.3869+0.1499i	−0.7141+0.3121i
41.0	0.1439−0.0765i	−0.0336+0.1167i	−0.6329−0.0533i	0.1974−0.0265i	−0.0704+0.1677i	0.8181−0.2706i	−0.3171+0.1433i	−0.5265+0.3110i
41.1	0.1070−0.0836i	−0.0436+0.1341i	−0.6489−0.1147i	0.1372−0.0123i	0.0107+0.1434i	0.9336−0.1995i	−0.3531+0.1912i	−0.6104+0.3677i
41.2	0.1647−0.0977i	−0.0340+0.0944i	−0.7202−0.0498i	0.2290−0.0554i	−0.0382+0.1022i	0.9558−0.2203i	−0.3422+0.2092i	−0.5781+0.2927i
41.3	0.1345−0.1164i	−0.0516+0.0991i	−0.6922−0.0194i	0.1945−0.0789i	−0.1421−0.0196i	0.9771−0.2655i	−0.3520+0.2759i	−0.5822+0.3188i
41.4	0.0505−0.1172i	−0.0633+0.1306i	−0.6055−0.0594i	0.0792−0.0462i	−0.0522−0.1413i	0.9590−0.3183i	−0.3236+0.4006i	−0.5396+0.4408i
41.5	0.0503−0.1291i	−0.0486+0.1282i	−0.6327−0.0670i	0.0995−0.0527i	0.0424−0.1044i	0.9930−0.2772i	−0.3014+0.3812i	−0.4869+0.4506i
41.6	0.0568−0.1231i	−0.0336+0.1087i	−0.6710−0.0604i	0.1286−0.0613i	0.0230−0.0344i	1.0222−0.3059i	−0.2397+0.3242i	−0.4393+0.3695i
41.7	0.0331−0.1148i	−0.0336+0.1124i	−0.6437−0.0794i	0.1059−0.0487i	−0.1188+0.0661i	1.0130−0.3186i	−0.2551+0.3386i	−0.4294+0.3797i
41.8	0.0206−0.0962i	−0.0291+0.1284i	−0.6568−0.0972i	0.1119−0.0116i	−0.2206−0.0039i	1.0214−0.3429i	−0.2395+0.3288i	−0.3884+0.4216i
41.9	−0.0003−0.0939i	−0.0466+0.1338i	−0.6354−0.0768i	0.0830−0.0133i	−0.0501−0.2106i	1.0233−0.4147i	−0.2399+0.3316i	−0.4012+0.4738i
42.0	−0.0282−0.0796i	−0.0451+0.1422i	−0.6184−0.1174i	0.0470+0.0110i	−0.1053−0.3122i	1.0168−0.4151i	−0.2801+0.3870i	−0.3608+0.5184i
42.1	−0.0342−0.1067i	−0.0423+0.1246i	−0.6210−0.0934i	0.0470−0.0302i	−0.1226−0.2566i	1.0519−0.3606i	−0.2694+0.3393i	−0.3351+0.4525i
42.2	−0.0259−0.0793i	−0.0277+0.1147i	−0.6977−0.1571i	0.0816−0.0066i	−0.0935−0.2165i	1.1284−0.3127i	−0.2082+0.3052i	−0.3100+0.3302i
42.3	−0.0433−0.0183i	−0.0123+0.1119i	−0.7524−0.1692i	0.0895+0.0462i	−0.1237+0.0286i	1.2027−0.4385i	−0.2097+0.4016i	−0.2790+0.3815i
42.4	−0.0687+0.0029i	−0.0170+0.1010i	−0.7115−0.1988i	0.0803+0.0513i	−0.1583−0.0754i	1.1816−0.4101i	−0.1914+0.4468i	−0.2294+0.3958i
42.5	−0.0762−0.0002i	−0.0392+0.1143i	−0.7608−0.2330i	0.0522+0.0584i	−0.2662−0.1348i	1.3356−0.4184i	−0.1509+0.4995i	−0.2955+0.4072i
42.6	−0.0230+0.0452i	0.0009+0.1146i	−0.9167−0.1262i	0.1498+0.0652i	−0.1888−0.0438i	1.3541−0.6630i	−0.0670+0.4491i	−0.2415+0.3437i
42.7	−0.0041+0.0479i	0.0006+0.0951i	−0.7593+0.0052i	0.1210+0.0356i	−0.2146−0.0109i	0.9435−0.8332i	−0.0037+0.4204i	−0.0978+0.3439i
42.8	−0.0072+0.0607i	−0.0073+0.0885i	−0.7142−0.0930i	0.1209+0.0676i	−0.2881−0.0177i	0.8760−0.6446i	−0.0085+0.3377i	−0.0933+0.2903i
42.9	−0.0176+0.0667i	−0.0216+0.0781i	−0.7570−0.1484i	0.1018+0.0609i	−0.0164−0.0551i	1.0714−0.5823i	−0.1107+0.3689i	−0.1885+0.2869i
43.0	−0.0029+0.0653i	−0.0299+0.0603i	−0.8199−0.0702i	0.1064+0.0300i	−0.0329−0.1874i	1.1347−0.7222i	−0.0886+0.3655i	−0.2077+0.2851i
43.1	0.0554+0.0896i	−0.0366+0.0512i	−0.8328−0.0163i	0.1656+0.0332i	−0.3841−0.0874i	0.9763−0.7989i	0.0395+0.3936i	−0.1924+0.2282i
43.2	0.0885+0.1121i	−0.0214+0.0637i	−0.8309−0.0054i	0.2063+0.0577i	−0.4178+0.0306i	0.8312−0.7840i	0.0673+0.3782i	−0.1081+0.2086i
43.3	0.0825+0.0729i	−0.0125+0.0466i	−0.7731−0.0465i	0.1887+0.0195i	−0.2014+0.0253i	0.7448−0.5828i	0.0106+0.2890i	−0.1279+0.1621i
43.4	0.0959+0.0563i	−0.0270+0.0268i	−0.8277−0.0982i	0.2016+0.0168i	−0.3253−0.0943i	0.8385−0.4310i	0.0108+0.2581i	−0.1713+0.1297i

43.5	0.0935+0.0333i	-0.0769+0.0168i	-0.8030-0.0960i	0.1840+0.0032i	-0.3329-0.0843i	0.8881-0.4049i	0.0168+0.2528i	-0.1833+0.1046i
43.6	0.0738+0.0118i	-0.1099+0.0440i	-0.7801-0.1290i	0.1533-0.0118i	-0.0465-0.0837i	0.9768-0.3797i	-0.0491+0.2707i	-0.2324+0.1330i
43.7	0.0954+0.0512i	-0.0889+0.0624i	-0.9135-0.0665i	0.1863-0.0011i	-0.0528+0.0717i	1.1070-0.6277i	-0.0561+0.3895i	-0.2793+0.1800i
43.8	0.1342+0.0370i	-0.0939+0.0459i	-0.8816+0.0572i	0.2008-0.0316i	-0.2131-0.0240i	0.9014-0.7477i	-0.0018+0.4070i	-0.2432+0.2285i
43.9	0.1268+0.0328i	-0.1205+0.0555i	-0.7880-0.0176i	0.1730-0.0136i	-0.1226+0.0131i	0.7361-0.5587i	0.0048+0.3436i	-0.2450+0.1987i
44.0	0.1110+0.0101i	-0.1365+0.0812i	-0.7560-0.1168i	0.1432-0.0097i	-0.0459+0.1001i	0.8453-0.3818i	-0.0314+0.3363i	-0.2614+0.1988i
44.1	0.0946+0.0387i	-0.1414+0.1013i	-0.7744-0.1674i	0.1324+0.0194i	-0.1908+0.1779i	0.8848-0.4691i	0.0130+0.3681i	-0.2318+0.2047i
44.2	0.0824+0.0277i	-0.1130+0.0968i	-0.7864-0.2342i	0.1341+0.0160i	-0.1937+0.0594i	0.9298-0.2473i	-0.0051+0.3185i	-0.2422+0.1355i
44.3	0.0746+0.0330i	-0.1342+0.0845i	-0.9114-0.2358i	0.1445+0.0022i	-0.1588+0.0168i	1.2830-0.2641i	-0.0313+0.3773i	-0.3520+0.1502i
44.4	0.0908+0.0735i	-0.1481+0.1507i	-1.0289-0.1666i	0.1461+0.0257i	-0.2006+0.2083i	1.4353-0.6924i	0.0487+0.4833i	-0.4238+0.2849i
44.5	0.1271+0.0720i	-0.0842+0.1471i	-1.0381-0.0398i	0.1696+0.0215i	-0.1640+0.2212i	1.1903-0.9039i	0.0925+0.4815i	-0.3930+0.3748i
44.6	0.1721+0.0332i	-0.0896+0.1131i	-0.9528+0.0141i	0.1913-0.0004i	-0.1383-0.0034i	0.8613-0.7056i	0.1175+0.3609i	-0.2948+0.3346i
44.7	0.1519+0.0061i	-0.1163+0.1083i	-0.8912+0.0360i	0.1549-0.0385i	0.0237-0.0740i	0.9218-0.6565i	0.1593+0.4098i	-0.2520+0.3250i
44.8	0.1560-0.0065i	-0.0955+0.1435i	-0.8193+0.0720i	0.1577-0.0285i	-0.1571-0.0338i	0.7698-0.6388i	0.1923+0.3453i	-0.1468+0.2787i
44.9	0.1479-0.0108i	-0.0786+0.1499i	-0.7958+0.0002i	0.1613-0.0045i	-0.2092+0.0001i	0.7402-0.4964i	0.1302+0.3040i	-0.1225+0.2531i
45.0	0.0750+0.0134i	-0.0980+0.0748i	-0.8185-0.2003i	0.1135+0.0037i	-0.1609+0.0333i	1.1136-0.2864i	0.0212+0.3031i	-0.2418+0.2131i
45.1	0.1102-0.0004i	-0.1241+0.0900i	-0.9821-0.1089i	0.1638-0.0058i	-0.2020+0.1466i	1.3177-0.4062i	0.1122+0.3515i	-0.2752+0.2481i
45.2	0.1325+0.0033i	-0.0965+0.1627i	-0.9931+0.0099i	0.1833+0.0085i	-0.2458+0.0156i	1.2094-0.7634i	0.1814+0.3600i	-0.2328+0.3210i
45.3	0.1267+0.0293i	-0.0501+0.1425i	-0.8974-0.0712i	0.1768+0.0344i	-0.0254-0.0040i	0.9678-0.7416i	0.2394+0.4000i	-0.1676+0.3538i
45.4	0.1373+0.0121i	-0.0735+0.0746i	-0.9445-0.0616i	0.1912-0.0174i	-0.1051+0.0642i	1.0436-0.5891i	0.1774+0.3300i	-0.2360+0.3127i
45.5	0.1602-0.0184i	-0.0764+0.1171i	-0.8979-0.0124i	0.1983-0.0348i	-0.1751+0.0527i	0.9073-0.5407i	0.2566+0.2862i	-0.1757+0.2804i
45.6	0.1243-0.0319i	-0.0516+0.1068i	-0.8657-0.1186i	0.2057-0.0347i	-0.2055+0.0325i	1.0408-0.3363i	0.1704+0.2271i	-0.2257+0.2056i
45.7	0.1388+0.0230i	-0.0712+0.0979i	-1.0369-0.1396i	0.2177-0.0257i	-0.1621+0.0765i	1.2733-0.6044i	0.2304+0.4066i	-0.2618+0.3107i
45.8	0.1522+0.0191i	-0.0570+0.1048i	-1.0170-0.0751i	0.2005-0.0253i	0.0064-0.0277i	1.1166-0.7535i	0.3074+0.3611i	-0.1683+0.3569i
45.9	0.1856+0.0366i	-0.0371+0.0656i	-1.1025-0.0884i	0.2522+0.0133i	-0.1028-0.0574i	1.0422-0.8073i	0.3747+0.3042i	-0.1339+0.3713i
46.0	0.2056+0.0116i	-0.0083+0.0181i	-1.0344+0.0147i	0.2736-0.0298i	-0.0385-0.0663i	0.7998-0.8701i	0.4067+0.1735i	-0.0805+0.3450i
46.1	0.2176+0.0039i	-0.0501-0.0293i	-1.0111-0.0816i	0.2821-0.0514i	0.0327+0.0236i	0.7289-0.5283i	0.3982+0.1108i	-0.0633+0.2655i
46.2	0.2228-0.0126i	-0.0980-0.0196i	-1.0632-0.1060i	0.2804-0.0895i	-0.1647+0.0809i	1.0211-0.3905i	0.3614+0.1580i	-0.0744+0.2754i
46.3	0.2436-0.0571i	-0.0851-0.0127i	-1.1045-0.0145i	0.3049-0.1388i	-0.2598+0.2300i	1.0985-0.4312i	0.4078+0.0735i	-0.0173+0.2125i
46.4	0.2850-0.0692i	-0.1027-0.1401i	-1.1464+0.0122i	0.3213-0.2176i	-0.2048-0.0509i	1.1251-0.6948i	0.4329+0.0088i	-0.0129+0.2672i
46.5	0.2836-0.1051i	-0.2662-0.1833i	-1.0774+0.0596i	0.2253-0.2626i	-0.3490-0.2196i	0.9133-0.8797i	0.4121-0.0263i	0.0246+0.2407i
46.6	0.2715-0.1648i	-0.3554-0.0127i	-1.0900+0.0280i	0.1808-0.2071i	-0.3575-0.0401i	0.7341-0.7046i	0.3594-0.0176i	0.0111+0.1964i
46.7	0.2061-0.2213i	-0.2452+0.0912i	-1.0267+0.1199i	0.1743-0.2398i	-0.2020+0.1810i	0.7489-0.5724i	0.2068+0.0040i	-0.0667+0.1792i
46.8	0.1543-0.2055i	-0.2380+0.0817i	-0.9522+0.0579i	0.1451-0.2521i	-0.1512+0.2480i	0.6591-0.4230i	0.1315+0.0409i	-0.0842+0.1619i
46.9	0.1408-0.1808i	-0.2704+0.0948i	-0.9591-0.0627i	0.1060-0.2272i	-0.2546+0.2476i	0.6732-0.1784i	0.1351+0.0354i	-0.0809+0.1524i
47.0	0.1592-0.1735i	-0.2177+0.1037i	-1.0322-0.1428i	0.1286-0.2078i	-0.1866+0.3281i	0.8438-0.0666i	0.1697+0.0254i	-0.1062+0.1515i
47.1	0.1670-0.2107i	-0.1193+0.0122i	-1.1609-0.0468i	0.1565-0.2838i	-0.0378+0.3393i	1.0721-0.1992i	0.1155+0.0188i	-0.1466+0.1412i
47.2	0.1420-0.2783i	-0.2281-0.0722i	-1.1031+0.1893i	0.1019-0.3672i	-0.1779+0.2526i	0.8958-0.2669i	0.0572+0.0418i	-0.1536+0.1087i
47.3	0.0682-0.3058i	-0.3092+0.0360i	-0.9195+0.1723i	0.0130-0.3513i	-0.1369+0.3391i	0.8347-0.0262i	0.0841+0.0724i	-0.1610+0.1002i
47.4	-0.0031-0.2423i	-0.2459+0.1201i	-0.8239-0.0544i	-0.0422-0.2639i	-0.0318+0.0973i	0.9751+0.1018i	0.0483+0.0480i	-0.1825+0.1010i
47.5	-0.0130-0.1914i	-0.1679+0.1412i	-0.8700-0.2026i	-0.0332-0.2076i	-0.0257+0.0243i	1.0438+0.1708i	0.0915+0.1044i	-0.1383+0.1089i
47.6	-0.0034-0.1629i	-0.0260+0.0553i	-0.9953-0.3443i	0.0320-0.2011i	0.0337+0.3596i	1.0925+0.4138i	0.1460+0.0486i	-0.0767-0.0003i
47.7	0.0247-0.1627i	-0.1162-0.1606i	-1.2721-0.3676i	0.0087-0.2780i	-0.1415+0.2979i	1.6404+0.4863i	0.0424+0.0344i	-0.2717-0.0656i
47.8	0.0052-0.1514i	-0.1959-0.1949i	-1.4200-0.2058i	-0.0505-0.2744i	-0.1252+0.1578i	1.8428+0.0535i	0.0337+0.1272i	-0.3578+0.0520i
47.9	-0.0276-0.1188i	-0.3580-0.2655i	-1.2528-0.0142i	-0.1201-0.2412i	-0.1106+0.0752i	1.4879-0.0618i	0.0154+0.1018i	-0.3188+0.0841i
48.0	0.0127-0.1036i	-0.4485-0.2177i	-1.2998-0.0501i	-0.1220-0.2117i	-0.1510+0.1440i	1.6067+0.0778i	0.0831+0.0358i	-0.3579+0.0117i
48.1	0.0089-0.1193i	-0.4714-0.1504i	-1.3237+0.0460i	-0.1524-0.1939i	-0.1167+0.0136i	1.8583-0.1890i	0.0825+0.1284i	-0.4044+0.1413i
48.2	-0.0262-0.1137i	-0.5925-0.1748i	-1.1820+0.0213i	-0.1808-0.2086i	-0.2330+0.2947i	1.7351-0.1009i	-0.0509+0.1180i	-0.4176+0.1364i
48.3	-0.0261-0.1041i	-0.6771+0.0064i	-1.2137-0.0235i	-0.2393-0.1830i	-0.3411+0.0824i	1.9423-0.1008i	0.0069+0.1682i	-0.4535+0.1981i
48.4	-0.0659-0.0645i	-0.5244+0.0127i	-1.2202-0.0939i	-0.2564-0.1246i	-0.2702-0.0537i	1.9032-0.0978i	0.0085+0.2344i	-0.4213+0.2115i
48.5	-0.0582-0.0524i	-0.6141-0.0267i	-1.2652-0.0279i	-0.2844-0.1024i	-0.2916-0.0919i	2.0000-0.0977i	-0.0646+0.2662i	-0.4886+0.2521i
48.6	0.0284-0.0466i	-0.7054+0.0729i	-1.4568-0.1355i	-0.2239-0.0445i	-0.3882+0.0786i	2.2498+0.0713i	-0.0057+0.3244i	-0.5324+0.2510i
48.7	0.0530-0.0723i	-0.6993+0.1583i	-1.5888-0.0586i	-0.2086-0.0519i	-0.1632+0.2670i	2.5289-0.0448i	0.0622+0.3635i	-0.5648+0.3254i
48.8	0.0008-0.1247i	-0.5811+0.2274i	-1.6236+0.2291i	-0.2430-0.0371i	-0.0480+0.3035i	2.7588-0.4945i	0.1534+0.3160i	-0.5471+0.4261i
48.9	-0.0657-0.1224i	-0.4925+0.2500i	-1.3670+0.4435i	-0.2356+0.0505i	0.0261+0.3326i	2.2744-0.9329i	0.2675+0.2113i	-0.3514+0.4675i
49.0	-0.1082-0.0229i	-0.3382+0.0246i	-1.0324+0.1467i	-0.1477+0.0561i	-0.0774+0.0969i	1.6474-0.3933i	0.2441+0.1217i	-0.1954+0.2504i
49.1	-0.0394+0.0261i	-0.5752-0.1104i	-1.2118-0.0592i	-0.1569+0.0174i	-0.2107-0.0109i	1.9942-0.0151i	0.2337+0.1985i	-0.3124+0.1832i
49.2	0.0287+0.0325i	-0.7410-0.0155i	-1.3123-0.1277i	-0.1528+0.0245i	-0.1676-0.0319i	2.2182+0.0890i	0.1518+0.2297i	-0.4346+0.2143i
49.3	0.0683+0.0108i	-0.8549+0.1246i	-1.5099-0.1491i	-0.1807+0.0347i	-0.2633+0.0395i	2.7515+0.1917i	0.2219+0.2892i	-0.5364+0.2286i
49.4	0.0553-0.0699i	-0.8635+0.3834i	-1.6517+0.0668i	-0.2013+0.0775i	-0.1136+0.1413i	3.2247-0.2336i	0.3242+0.2086i	-0.5791+0.3455i
49.5	0.0146-0.0590i	-0.6682+0.4528i	-1.5772+0.2183i	-0.1780+0.1420i	0.0464+0.2354i	3.0260-0.7931i	0.3665+0.0736i	-0.5035+0.3973i
49.6	0.0257-0.0016i	-0.5908+0.2623i	-1.5206+0.2036i	-0.1351+0.1246i	0.0032+0.1287i	2.7737-0.8202i	0.3469+0.0393i	-0.4561+0.3476i
49.7	0.0605+0.0132i	-0.5696+0.1390i	-1.4593+0.0397i	-0.0943+0.1102i	-0.0649+0.1047i	2.6855-0.4641i	0.3140+0.1196i	-0.3884+0.3127i

49.8	0.0944+0.0081i	-0.7368-0.0223i	-1.6861-0.0223i	-0.1045+0.0684i	-0.1618-0.0720i	3.1631-0.4240i	0.2812+0.1921i	-0.4955+0.3626i
49.9	0.1341-0.0218i	-0.9417+0.0955i	-1.8441+0.2917i	-0.1157+0.1035i	-0.2817-0.0525i	3.3588-1.0919i	0.3209+0.1741i	-0.5512+0.5204i
50.0	0.0982-0.0366i	-0.9516+0.2136i	-1.6394+0.4153i	-0.1237+0.0935i	-0.1151+0.0258i	3.0802-1.2484i	0.3453+0.1277i	-0.4663+0.5631i
50.1	0.1051-0.0357i	-1.0195+0.2771i	-1.5906+0.3593i	-0.1562+0.0832i	-0.2737+0.0791i	3.1404-1.1578i	0.3713+0.1341i	-0.4403+0.5556i
50.2	0.1055-0.0578i	-1.0516+0.4102i	-1.6315+0.4297i	-0.1650+0.1271i	-0.3246+0.0469i	3.2787-1.4249i	0.4252+0.0789i	-0.4326+0.5843i
50.3	0.0852-0.0606i	-0.9812+0.5329i	-1.5423+0.5422i	-0.1623+0.1660i	-0.2009+0.0456i	3.0995-1.8142i	0.4179-0.0489i	-0.3652+0.5983i
50.4	0.0927-0.0440i	-0.9030+0.5741i	-1.3929+0.5489i	-0.1508+0.2087i	-0.2338+0.0513i	2.6875-1.9993i	0.3841-0.0820i	-0.2728+0.6066i
50.5	0.1085-0.0227i	-0.8541+0.4775i	-1.3137+0.3643i	-0.0969+0.2004i	-0.2894+0.0591i	2.4221-1.6313i	0.3204-0.0522i	-0.2613+0.5204i
50.6	0.1457-0.0060i	-1.0603+0.4579i	-1.4514+0.2590i	-0.1066+0.1733i	-0.3707+0.1680i	2.6604-1.4338i	0.3000+0.0491i	-0.3183+0.5264i
50.7	0.1626-0.0461i	-1.1030+0.6833i	-1.5569+0.3684i	-0.1140+0.1932i	-0.5110+0.5018i	2.9236-1.5175i	0.2820+0.0217i	-0.3586+0.5462i
50.8	0.1813-0.1038i	-1.0138+0.7557i	-1.5572+0.4626i	-0.0651+0.1895i	-0.5537+0.1236i	2.8417-1.5478i	0.2897-0.0377i	-0.3507+0.5210i
50.9	0.1660-0.1766i	-1.0439+0.8579i	-1.5471+0.5189i	-0.0832+0.1684i	-0.4934+0.1831i	2.9545-1.5651i	0.3149-0.0272i	-0.3715+0.5462i
51.0	0.0878-0.2014i	-0.8066+1.1615i	-1.3840+0.6069i	-0.0747+0.2531i	-0.2615+0.5910i	2.7351-1.8799i	0.2689-0.0647i	-0.3185+0.6497i
51.1	0.0459-0.1624i	-0.4906+0.9730i	-1.2221+0.4158i	-0.0301+0.2203i	-0.1226+0.4484i	2.5604-1.5102i	0.2036-0.0516i	-0.2644+0.5390i
51.2	0.0446-0.1268i	-0.5668+0.4443i	-1.3791+0.1565i	-0.0463+0.1322i	-0.2018+0.0405i	3.0358-1.0843i	0.2348-0.0333i	-0.3752+0.3942i
51.3	0.0825-0.0988i	-1.1780+0.3955i	-1.6387+0.2580i	-0.1543+0.1552i	-0.5095-0.0978i	3.5593-1.5174i	0.2138-0.0408i	-0.5490+0.5384i
51.4	0.1288-0.1425i	-1.2970+0.9187i	-1.6211+0.3044i	-0.1524+0.2533i	-0.5015+0.2349i	3.4856-1.6770i	0.1939-0.0454i	-0.5541+0.6489i
51.5	0.0999-0.1559i	-1.1078+1.1863i	-1.5016+0.4476i	-0.0947+0.2998i	-0.5224+0.4353i	3.2165-1.9909i	0.1880-0.0286i	-0.4357+0.7357i
51.6	0.0549-0.1072i	-0.7979+1.2097i	-1.3510+0.2528i	-0.0260+0.3058i	-0.3701+0.4804i	3.0509-1.6647i	0.1357+0.0336i	-0.4044+0.6534i
51.7	0.0705-0.1532i	-0.5633+1.4016i	-1.6152+0.2180i	0.0355+0.3580i	-0.0873+0.3723i	3.5016-1.7673i	0.1754-0.0055i	-0.4863+0.7294i
51.8	0.0845-0.1664i	-0.4825+1.0930i	-1.6328+0.2444i	0.0624+0.2803i	-0.1051+0.2966i	3.4700-1.8840i	0.1751-0.0757i	-0.4610+0.7089i
51.9	0.1351-0.1187i	-0.7815+0.9235i	-1.5957+0.1867i	0.0117+0.2553i	-0.2515+0.3517i	3.3445-1.8403i	0.1791-0.0303i	-0.4234+0.6469i
52.0	0.1255-0.1925i	-0.4629+1.0847i	-1.6179+0.0886i	0.1004+0.2779i	-0.1039+0.5772i	3.5007-1.5442i	0.1039-0.0073i	-0.5304+0.5887i
52.1	0.0462-0.1514i	-0.3845+0.4052i	-1.7438-0.0721i	0.0936+0.1462i	0.0473+0.0491i	4.0620-1.3114i	0.0913+0.0040i	-0.6397+0.5772i
52.2	0.1244-0.1515i	-1.3954+0.8001i	-2.1676-0.0424i	-0.0738+0.2540i	-0.5313+0.1655i	5.0260-1.9445i	0.0471-0.0458i	-0.8930+0.7844i
52.3	0.1503-0.2300i	-1.3910+1.4119i	-2.4558+0.2999i	-0.0223+0.3652i	-0.5306+0.4072i	5.2583-2.9844i	0.0762-0.0153i	-0.8627+1.0968i
52.4	0.1291-0.2270i	-1.0795+1.5790i	-2.1922+0.6042i	0.0697+0.3669i	-0.5295+0.5831i	4.2705-3.4291i	0.1108-0.0039i	-0.5693+1.1013i
52.5	0.1513-0.2754i	-1.0638+1.8695i	-2.1460+0.4098i	0.0902+0.3965i	-0.7099+0.6867i	4.3061-2.9268i	0.0472-0.0095i	-0.6613+0.9738i
52.6	0.0602-0.3624i	-0.4253+2.0987i	-2.4029+0.5462i	0.2322+0.4259i	-0.0736+0.8239i	4.8011-3.4746i	0.0565-0.0523i	-0.7201+1.1567i
52.7	0.0488-0.3134i	-0.4177+1.6197i	-2.2113+0.8158i	0.2450+0.3108i	-0.3184+0.7142i	4.0464-3.8943i	0.1331-0.0596i	-0.4604+1.1934i
52.8	0.1048-0.3031i	-0.6517+1.5267i	-2.0963+0.4738i	0.1949+0.2633i	-0.5096+0.4755i	4.0525-3.1597i	0.1186-0.0116i	-0.5547+1.0468i
52.9	0.0650-0.3334i	-0.4752+1.2196i	-2.5272+0.3141i	0.2479+0.1545i	-0.3614+0.1022i	4.9546-3.3096i	0.0777+0.0431i	-0.7248+1.1748i
53.0	0.0812-0.3326i	-1.2788+1.1692i	-3.0019+0.6068i	0.1093+0.1034i	-0.8430+0.1819i	5.7874-4.1442i	-0.0119+0.1328i	-0.9138+1.4343i
53.1	0.0537-0.4599i	-1.3975+2.0783i	-3.1995+1.2454i	0.0837+0.2257i	-1.0341+0.7381i	5.8798-5.4938i	0.0082+0.1491i	-0.8094+1.8390i
53.2	-0.0678-0.4968i	-0.8241+2.3780i	-2.8898+1.6501i	0.1290+0.2275i	-0.5679+1.0835i	5.0139-6.3082i	0.1040+0.1701i	-0.4615+1.9486i
53.3	-0.1791-0.4750i	-0.1564+2.3559i	-2.4310+1.9098i	0.1833+0.1677i	-0.2506+1.1057i	3.8629-6.8743i	0.1240+0.1997i	-0.1298+1.9544i
53.4	-0.3703-0.3722i	0.3091+1.2978i	-2.1208+1.4151i	0.1785+0.0259i	-0.0431+0.1505i	3.1185-5.9287i	0.0070+0.1149i	-0.0722+1.5803i
53.5	-0.2799-0.2722i	-0.8028+1.2334i	-2.5829+1.5141i	0.0046+0.0623i	-0.8714+0.1411i	3.6483-5.9506i	-0.0316+0.1579i	-0.2814+1.6502i
53.6	-0.2268-0.3295i	-0.9238+2.3771i	-2.4842+2.0949i	0.0034+0.2507i	-1.1017+1.3198i	3.4338-6.7297i	-0.0086+0.2469i	-0.2099+1.9450i
53.7	-0.2416-0.3291i	-0.5548+2.6425i	-2.2265+2.1822i	0.0267+0.2787i	-0.7434+1.4399i	2.9645-6.9009i	0.0422+0.2990i	-0.0540+2.0134i
53.8	-0.3398-0.3492i	-0.1858+2.5475i	-2.0430+2.0647i	0.0291+0.2600i	-0.6323+1.4367i	2.7732-6.6088i	0.0108+0.3252i	0.0316+1.9167i
53.9	-0.3570-0.3422i	-0.0699+2.4850i	-1.9694+1.9689i	0.0333+0.2721i	-0.4474+1.5616i	2.7075-6.3935i	0.0339+0.3383i	0.0880+1.8641i
54.0	-0.4245-0.3190i	-0.1701+2.6516i	-2.1283+2.0063i	-0.0220+0.3339i	-0.4576+1.3358i	3.0828-6.7774i	0.0654+0.3974i	-0.0187+1.9767i
54.1	-0.4597-0.2321i	0.0751+2.9697i	-1.8884+2.2698i	0.0136+0.4174i	-0.2402+1.6110i	2.3065-7.6722i	0.1342+0.4697i	0.2114+2.1500i
54.2	-0.4284-0.2456i	0.5315+2.9951i	-1.7012+1.9099i	0.1363+0.4482i	0.2205+2.0316i	1.6064-6.8013i	0.1358+0.4689i	0.2706+1.9219i
54.3	-0.5927-0.2600i	1.0188+3.1756i	-2.1941+2.0589i	0.2203+0.4957i	0.5073+2.2317i	2.4218-7.1577i	0.1936+0.5497i	0.1771+2.1604i
54.4	-0.7184-0.0780i	1.6161+2.9195i	-2.1757+2.6548i	0.3030+0.4911i	0.9629+2.0023i	2.0392-8.3606i	0.3041+0.5761i	0.4717+2.4844i
54.5	-0.7062+0.1135i	1.8634+2.3615i	-1.8061+3.0151i	0.3618+0.4148i	1.0050+1.8264i	1.0674-8.8800i	0.3609+0.5969i	0.8058+2.5263i
54.6	-0.5639+0.2323i	1.8799+1.8805i	-1.1787+3.0891i	0.4002+0.3387i	0.9806+1.4240i	-0.4012-8.6321i	0.4672+0.5081i	1.2365+2.2585i
54.7	-0.4330+0.1914i	1.5786+1.5820i	-0.8230+2.6157i	0.3546+0.2781i	0.9689+1.3292i	-0.9805-7.2971i	0.4819+0.3980i	1.2596+1.8631i
54.8	-0.4965+0.1429i	1.3558+1.6165i	-1.0600+2.4021i	0.2836+0.2809i	0.9885+1.3744i	-0.1887-6.9530i	0.4078+0.5013i	0.9732+1.8668i
54.9	-0.5488+0.2710i	1.4644+1.6648i	-1.2139+2.7064i	0.3295+0.3395i	1.3012+1.2471i	0.0043-7.7874i	0.4563+0.6186i	1.0215+2.1516i
55.0	-0.4579+0.4159i	1.5573+1.4996i	-0.8429+2.9430i	0.4011+0.3350i	1.4858+1.0591i	-0.9562-8.0506i	0.5478+0.6469i	1.3373+2.1900i
55.1	-0.3791+0.4068i	1.5221+1.3813i	-0.5826+2.7868i	0.4140+0.2900i	1.2236+1.0757i	-1.3518-7.5946i	0.5734+0.6208i	1.4728+2.0126i
55.2	-0.2764+0.3871i	1.4321+1.2871i	-0.3484+2.6137i	0.3990+0.2403i	1.2000+0.8541i	-1.8454-7.2461i	0.7551+0.5692i	1.6016+1.8334i
55.3	-0.2112+0.3931i	1.3884+1.2337i	-0.1364+2.4994i	0.4105+0.2403i	1.1530+0.8717i	-2.2820-6.8277i	0.8128+0.4420i	1.6403+1.6563i
55.4	-0.1937+0.3465i	1.3809+1.2625i	0.0617+2.2573i	0.4099+0.2327i	1.0532+0.8032i	-2.6038-6.2066i	0.7612+0.3481i	1.6084+1.4752i
55.5	-0.2428+0.3105i	1.4138+1.3182i	-0.0184+1.9371i	0.3978+0.2467i	0.9355+0.8373i	-2.3370-5.5909i	0.7290+0.4050i	1.5182+1.4063i
55.6	-0.2534+0.4142i	1.5751+1.2721i	-0.3567+1.9677i	0.4467+0.2601i	1.2081+0.7455i	-1.6799-5.8449i	0.8068+0.4794i	1.4499+1.5977i
55.7	-0.1856+0.4718i	1.6136+1.0501i	-0.1920+2.0738i	0.4757+0.2097i	1.3423+0.5836i	-2.0692-6.0488i	0.8867+0.5384i	1.6911+1.5814i
55.8	-0.1250+0.4672i	1.5682+0.8551i	-0.0038+2.0338i	0.4725+0.1460i	1.3032+0.5286i	-2.4373-5.9071i	0.8957+0.4872i	1.8104+1.4847i
55.9	-0.0606+0.4365i	1.5163+0.7385i	0.1232+1.9213i	0.4907+0.1206i	1.4076+0.4093i	-2.6981-5.4836i	0.8802+0.3092i	1.8367+1.3324i
56.0	-0.0831+0.3823i	1.3598+0.7259i	0.1307+1.6671i	0.4748+0.1077i	1.2899+0.4176i	-2.5592-4.9151i	0.8885+0.3068i	1.7411+1.1517i

56.1	−0.1298+0.4283i	1.3117+0.9386i	−0.1164+1.5508i	0.4604+0.1563i	1.2098+0.3885i	−1.9472−4.8803i	0.8946+0.3793i	1.5851+1.2985i
56.2	−0.0409+0.4781i	1.5022+0.8999i	−0.1075+1.7092i	0.5159+0.1572i	1.0893+0.3225i	−2.1567−5.2436i	0.9947+0.3895i	1.8068+1.4224i
56.3	0.0203+0.4431i	1.5238+0.7960i	0.0048+1.6569i	0.5192+0.1237i	1.0688+0.2511i	−2.4650−5.0727i	1.0816+0.3830i	1.9452+1.3058i
56.4	0.0516+0.4164i	1.5087+0.7574i	0.0429+1.5915i	0.5204+0.1151i	0.9567+0.2629i	−2.6036−4.9040i	1.1631+0.3105i	1.9827+1.2440i
56.5	0.0397+0.4207i	1.5598+0.6227i	0.0400+1.4796i	0.5571+0.0651i	1.0972+0.3101i	−2.5230−4.6821i	1.2393+0.3557i	2.0928+1.0987i
56.6	0.0432+0.4243i	1.5251+0.5325i	0.0101+1.4167i	0.5460+0.0293i	0.9805+0.2198i	−2.4853−4.5610i	1.3690+0.3412i	2.1522+1.0538i
56.7	0.0732+0.3973i	1.4624+0.4963i	−0.0055+1.3528i	0.5295+0.0111i	1.0818+0.0347i	−2.4700−4.4038i	1.3850+0.1821i	2.1081+0.9829i
56.8	0.0783+0.3792i	1.4616+0.4808i	−0.0563+1.3418i	0.5365+0.0026i	0.9993+0.0694i	−2.4177−4.3428i	1.4422+0.1261i	2.1076+0.9372i
56.9	0.0912+0.3843i	1.4346+0.3997i	−0.0839+1.3246i	0.5334−0.0273i	0.8520+0.1376i	−2.3961−4.2726i	1.5204+0.0284i	2.1302+0.9027i
57.0	0.0904+0.3786i	1.3579+0.2943i	−0.0676+1.2807i	0.5012−0.0677i	0.7552+0.0476i	−2.3890−4.1515i	1.4802−0.0034i	2.1409+0.7774i
57.1	0.0583+0.3516i	1.2912+0.2782i	−0.0478+1.2306i	0.4723−0.1051i	0.8936−0.0910i	−2.3256−4.0228i	1.4661−0.1479i	2.0397+0.6682i
57.2	−0.0073+0.4243i	1.2538+0.3462i	−0.1637+1.1344i	0.4233−0.0825i	0.9900+0.3020i	−1.9863−3.9851i	1.4024−0.0827i	1.8716+0.8598i
57.3	0.0422+0.5440i	1.3503+0.3308i	−0.2872+1.2108i	0.4464−0.0588i	0.8707+0.3501i	−1.8156−4.3317i	1.5930+0.0691i	2.0190+1.0240i
57.4	0.1434+0.5424i	1.3915+0.1948i	−0.2343+1.3031i	0.4806−0.0729i	1.0739+0.2110i	−2.0325−4.5403i	1.7402+0.0849i	2.2321+1.0270i
57.5	0.1954+0.5298i	1.3040+0.1273i	−0.1584+1.3283i	0.4388−0.0892i	1.3611+0.2142i	−2.2920−4.5939i	1.7800+0.0004i	2.4785+0.9903i
57.6	0.2325+0.5018i	1.2293+0.1198i	−0.1318+1.3051i	0.4261−0.0715i	1.0057+0.0841i	−2.4423−4.4421i	1.9460−0.2160i	2.5450+0.7765i
57.7	0.2776+0.4641i	1.1863+0.1029i	−0.1173+1.2755i	0.4626−0.0627i	1.0873−0.1487i	−2.4926−4.3022i	2.0928−0.4429i	2.6517+0.5891i
57.8	0.2968+0.4519i	1.1318+0.0605i	−0.0865+1.2416i	0.4623−0.0694i	1.0156−0.0193i	−2.5740−4.2820i	2.0178−0.6242i	2.5792+0.5915i
57.9	0.2940+0.4357i	1.0917+0.0181i	−0.0618+1.1920i	0.4629−0.0999i	0.9230−0.1667i	−2.5924−4.2139i	1.9284−0.7065i	2.5638+0.5482i
58.0	0.3279+0.4230i	1.0417+0.0404i	−0.0896+1.1848i	0.4852−0.0937i	1.1261−0.2331i	−2.6126−4.1124i	2.0857−0.8684i	2.6878+0.4321i
58.1	0.3294+0.4127i	1.0306+0.0328i	−0.0764+1.1847i	0.4863−0.1021i	1.2693+0.1165i	−2.6231−4.0426i	2.0441−1.0064i	2.7003+0.3346i
58.2	0.3565+0.4062i	0.8713−0.0091i	−0.0621+1.1389i	0.4537−0.1188i	1.0830+0.1157i	−2.6287−3.9527i	1.8556−1.2193i	2.7036+0.1502i
58.3	0.3991+0.3833i	0.6132+0.1061i	−0.1435+1.0968i	0.4201−0.0944i	0.7679−0.3488i	−2.4706−3.8785i	1.8592−1.1273i	2.6110+0.2210i
58.4	0.3881+0.3613i	0.7811+0.3835i	−0.1120+1.1978i	0.4534−0.0550i	0.9201−0.1367i	−2.6038−4.1092i	2.3129−1.4305i	2.8662+0.2444i
58.5	0.3747+0.3653i	1.0119+0.3619i	−0.0156+1.1343i	0.5176−0.0659i	1.2608−0.0192i	−2.7867−3.9818i	2.1960−1.8390i	2.9542−0.1006i
58.6	0.3742+0.4043i	1.0479+0.2551i	−0.0166+1.0869i	0.5344−0.1132i	1.1520−0.1468i	−2.7218−3.9521i	2.0835−1.8601i	2.9713−0.1813i
58.7	0.3838+0.4133i	1.0739+0.1332i	0.0178+1.0104i	0.5505−0.1775i	1.0913−0.2755i	−2.7650−3.9018i	1.8436−1.7463i	2.9164−0.1636i
58.8	0.4529+0.4113i	0.9858+0.1412i	−0.0087+1.0067i	0.5492−0.1810i	1.0254−0.5920i	−2.8484−3.9084i	2.0206−2.1016i	3.0419−0.3730i
58.9	0.4636+0.3828i	0.9923+0.1623i	0.0068+0.9677i	0.5375−0.1844i	1.2364−0.4091i	−2.9430−3.8030i	1.6842−2.3298i	2.9642−0.4683i
59.0	0.4765+0.3797i	0.9223+0.1127i	0.0245+0.9784i	0.5212−0.2302i	0.9847−0.3957i	−2.9796−3.8154i	1.7968−2.5481i	2.9956−0.6066i
59.1	0.4783+0.3856i	0.9302+0.0923i	0.0225+0.9234i	0.5427−0.2749i	1.0143−0.4462i	−2.9418−3.7178i	1.7744−2.7598i	3.0503−0.8902i
59.2	0.5195+0.3904i	0.8935+0.0212i	−0.0224+0.8516i	0.5089−0.3105i	0.8934−0.5026i	−2.9138−3.7093i	1.6763−2.6943i	3.1198−0.9102i
59.3	0.5484+0.3758i	0.9580+0.0459i	−0.0214+0.8189i	0.5302−0.3066i	0.9891−0.3836i	−2.9328−3.6239i	1.1263−2.6757i	2.8563−0.8379i
59.4	0.5763+0.3655i	0.9553+0.0660i	−0.0223+0.8315i	0.5289−0.3338i	0.9775−0.5398i	−2.9404−3.6650i	0.9577−3.0504i	2.6767−1.0927i
59.5	0.6165+0.3557i	0.8706+0.0645i	−0.0692+0.7930i	0.4973−0.3564i	1.1027−0.6947i	−2.9357−3.6982i	1.0067−3.2386i	2.7881−1.2470i
59.6	0.6651+0.3316i	0.8065+0.0899i	−0.0785+0.7721i	0.4555−0.3659i	1.0911−0.6428i	−3.0004−3.7071i	0.9025−3.4435i	2.7720−1.4556i
59.7	0.6577+0.3287i	0.8377+0.0018i	−0.0736+0.7245i	0.4584−0.4296i	0.9159−0.5200i	−2.9668−3.7185i	0.7604−3.2268i	2.8772−1.3919i
59.8	0.6776+0.3124i	0.8463+0.0437i	−0.1047+0.7262i	0.4594−0.4065i	0.8170−0.8436i	−3.0337−3.7120i	0.5157−3.4052i	2.7331−1.6411i
59.9	0.7008+0.3211i	0.8639+0.0531i	−0.1960+0.6911i	0.4725−0.3781i	1.0651−0.6614i	−3.0158−3.6982i	0.5364−3.2183i	2.7311−1.7591i
60.0	0.7464+0.3388i	0.9127+0.0368i	−0.1931+0.7381i	0.5038−0.4182i	0.8754−0.4673i	−3.0476−3.6363i	0.3526−3.5204i	2.4858−1.7880i
60.1	0.7614+0.3118i	0.8855+0.0017i	−0.1417+0.7003i	0.4477−0.4677i	0.8167−0.6663i	−3.1612−3.6466i	−0.0985−3.5649i	2.2963−1.8969i
60.2	0.7667+0.3040i	0.8235−0.0113i	−0.1367+0.6326i	0.3650−0.4776i	0.7015−0.8278i	−3.2282−3.6416i	−0.3397−3.4397i	2.1912−1.9624i
60.3	0.7870+0.3080i	0.7882−0.0953i	−0.1918+0.5879i	0.3306−0.5196i	0.5745−0.9441i	−3.1661−3.6093i	−0.2993−3.2620i	2.3902−1.9151i
60.4	0.8191+0.2976i	0.7732−0.1322i	−0.2184+0.5598i	0.3166−0.5382i	0.8463−1.0230i	−3.1972−3.6072i	−0.4781−3.1914i	2.2854−1.9487i
60.5	0.8268+0.2514i	0.7998−0.1060i	−0.1987+0.5570i	0.3155−0.5107i	0.8682−1.0846i	−3.2683−3.5415i	−0.7502−3.1103i	2.0146−1.8839i
60.6	0.8689+0.2180i	0.7513−0.1050i	−0.2228+0.5291i	0.2901−0.5017i	0.7842−1.0203i	−3.2788−3.5304i	−0.8107−2.9996i	2.0720−1.7603i
60.7	0.9126+0.2307i	0.6602−0.0814i	−0.2561+0.5092i	0.2537−0.5059i	0.4365−1.0831i	−3.3257−3.5578i	−0.7984−3.0709i	2.1559−1.9294i
60.8	0.9535+0.1948i	0.6220−0.0186i	−0.3044+0.4760i	0.2345−0.4775i	0.1159−1.2642i	−3.4031−3.5538i	−0.8970−3.2227i	2.0655−2.0625i
60.9	0.9678+0.1734i	0.6490−0.0428i	−0.3149+0.4296i	0.2412−0.4998i	0.2781−0.8780i	−3.4336−3.5726i	−1.0797−3.1938i	1.9765−2.0546i
61.0	0.9788+0.1779i	0.6249−0.0554i	−0.3331+0.4013i	0.2352−0.5176i	0.3637−0.7855i	−3.4538−3.6145i	−1.0987−3.1235i	2.0764−2.1197i
61.1	1.0016+0.1600i	0.6155−0.0196i	−0.3215+0.3899i	0.2140−0.5256i	0.4600−0.9671i	−3.5881−3.6121i	−1.2787−3.2375i	1.8584−2.1475i
61.2	1.0174+0.1565i	0.6367−0.0312i	−0.3255+0.3580i	0.2075−0.5364i	0.3519−0.9781i	−3.7002−3.5993i	−1.6546−3.1184i	1.5678−2.0837i
61.3	1.0635+0.1426i	0.6137−0.0141i	−0.3679+0.3085i	0.2016−0.5397i	0.2771−0.8033i	−3.7758−3.5728i	−1.7863−3.0394i	1.5490−2.1610i
61.4	1.1003+0.1303i	0.6038−0.0124i	−0.3674+0.2905i	0.1726−0.5505i	0.0713−0.8333i	−3.8581−3.5801i	−1.9628−3.0363i	1.4093−2.1053i
61.5	1.1688+0.0870i	0.5862+0.0315i	−0.4161+0.2752i	0.1515−0.5315i	0.1476−0.9205i	−4.0067−3.5081i	−2.0833−2.9295i	1.3649−2.0866i
61.6	1.2446+0.0382i	0.5512+0.0279i	−0.4719+0.2533i	0.1139−0.5399i	0.0724−1.1218i	−4.1409−3.5196i	−2.2808−2.9335i	1.4112−2.1930i
61.7	1.2639+0.0011i	0.6176+0.0374i	−0.5408+0.2490i	0.1189−0.5636i	0.0658−0.8235i	−4.1363−3.6089i	−2.4903−3.0395i	1.2647−2.3950i
61.8	1.3141−0.0361i	0.5824+0.0505i	−0.5909+0.2290i	0.0888−0.5600i	−0.0965−0.6376i	−4.2426−3.5811i	−2.5093−2.9964i	1.3076−2.4887i
61.9	1.3536−0.0888i	0.6134+0.0191i	−0.6540+0.1638i	0.0783−0.5861i	−0.0510−0.6216i	−4.2555−3.4370i	−2.6718−2.7054i	1.3271−2.2925i
62.0	1.3987−0.1460i	0.6050−0.0197i	−0.7129+0.1257i	0.0678−0.5959i	0.1210−0.6831i	−4.3079−3.3977i	−2.7524−2.4783i	1.4453−2.1401i
62.1	1.4373−0.2128i	0.5471+0.0241i	−0.7544+0.1438i	0.0212−0.5863i	−0.0516−0.7442i	−4.4746−3.3822i	−2.7527−2.4774i	1.4638−2.3508i
62.2	1.4806−0.2566i	0.4921+0.0459i	−0.8008+0.1370i	−0.0383−0.5682i	−0.1502−0.4665i	−4.5991−3.3747i	−2.8376−2.4745i	1.3554−2.4766i
62.3	1.5338−0.3430i	0.4884+0.0427i	−0.8918+0.1220i	−0.0453−0.5739i	0.1425−0.4658i	−4.6801−3.3409i	−2.9232−2.4588i	1.4945−2.5478i

62.4	1.5826-0.4280i	0.4940+0.0735i	-0.9501+0.1134i	-0.0661-0.5779i	0.1684-0.6576i	-4.7785-3.2415i	-3.0716-2.3766i	1.4036-2.6749i
62.5	1.6109-0.5239i	0.4682+0.1128i	-1.0019+0.1174i	-0.0990-0.5521i	0.2589-0.6780i	-4.9109-3.1634i	-3.1722-2.2923i	1.3868-2.7563i
62.6	1.5996-0.6018i	0.4977+0.1003i	-1.0822+0.1136i	-0.1034-0.5440i	0.0883-0.7228i	-4.9006-3.1292i	-3.2446-2.1411i	1.4260-2.7324i
62.7	1.6224-0.7040i	0.5088+0.1519i	-1.1394+0.1047i	-0.1184-0.5052i	0.0599-0.6203i	-5.0627-3.0749i	-3.4875-2.0912i	1.1474-2.6913i
62.8	1.6158-0.8511i	0.5521+0.1570i	-1.2104+0.1473i	-0.1270-0.5215i	0.0148-0.4391i	-5.1980-3.0386i	-3.7593-1.9504i	1.0446-2.8180i
62.9	1.6375-0.9366i	0.5180+0.2084i	-1.2615+0.0964i	-0.1477-0.5069i	0.0789-0.4969i	-5.3499-2.9218i	-3.8908-1.8858i	1.0156-2.8646i
63.0	1.6426-1.0537i	0.5487+0.2335i	-1.3480+0.0800i	-0.1469-0.4878i	0.3724-0.5018i	-5.4886-2.8471i	-4.0167-1.8310i	1.0369-2.9854i
63.1	1.6248-1.1733i	0.5942+0.2096i	-1.4010+0.1123i	-0.1621-0.5114i	0.2905-0.5458i	-5.6197-2.7830i	-4.0760-1.6226i	0.9102-3.1865i
63.2	1.5830-1.3291i	0.5988+0.2202i	-1.5083+0.1039i	-0.1732-0.5114i	0.3207-0.3660i	-5.7675-2.5949i	-4.2546-1.4548i	0.9552-3.1489i
63.3	1.5254-1.4385i	0.6002+0.2243i	-1.6063+0.1697i	-0.1838-0.5124i	0.1934-0.7003i	-5.8607-2.4877i	-4.3770-1.2775i	0.9346-3.3568i
63.4	1.4831-1.5515i	0.6536+0.2404i	-1.7014+0.1913i	-0.1928-0.5066i	0.1560-0.8339i	-5.9091-2.4009i	-4.5272-1.2183i	0.6961-3.4454i
63.5	1.3607-1.7161i	0.6783+0.2193i	-1.8042+0.2648i	-0.2182-0.5251i	-0.2066-0.5819i	-6.0361-2.1987i	-4.6418-0.8648i	0.6577-3.5495i
63.6	1.2760-1.8554i	0.7175+0.2381i	-1.9207+0.2846i	-0.2392-0.5343i	0.0595-0.5454i	-6.1447-2.0213i	-4.8448-0.6791i	0.6642-3.5811i
63.7	1.1150-1.9640i	0.7436+0.2298i	-2.0163+0.3462i	-0.2885-0.5688i	0.1577-0.6994i	-6.2444-1.8232i	-4.9958-0.3912i	0.4864-3.6579i
63.8	0.9387-1.9949i	0.7583+0.1916i	-2.0763+0.4376i	-0.3632-0.5597i	0.2301-0.9959i	-6.2724-1.6518i	-5.0448-0.1060i	0.1861-3.7385i
63.9	0.8006-2.0451i	0.7849+0.1419i	-2.1664+0.4835i	-0.3860-0.5476i	0.4593-1.0479i	-6.2972-1.4576i	-5.1303+0.0931i	0.1385-3.6188i
64.0	0.6382-2.0100i	0.7945+0.0855i	-2.2486+0.5665i	-0.4280-0.5495i	0.2102-1.3002i	-6.3242-1.2761i	-5.1712+0.4736i	0.1724-3.6259i
64.1	0.4944-2.0097i	0.7982+0.0703i	-2.3171+0.6859i	-0.5057-0.5289i	-0.2113-1.2375i	-6.4037-1.1272i	-5.1390+0.8336i	-0.1029-3.7742i
64.2	0.3675-2.0443i	0.8070+0.0902i	-2.4553+0.8020i	-0.5819-0.4938i	-0.2364-1.3596i	-6.4856-0.9164i	-5.1863+1.1799i	-0.2148-3.9974i
64.3	0.2084-1.9382i	0.8243+0.0352i	-2.5040+0.8866i	-0.6273-0.4576i	-0.5403-1.2536i	-6.4361-0.7190i	-5.0707+1.4986i	-0.1916-3.8695i
64.4	0.0511-1.8987i	0.8234+0.0249i	-2.5468+1.0304i	-0.7045-0.3871i	-0.6215-1.2128i	-6.4436-0.4929i	-4.9935+1.7883i	-0.3976-3.9173i
64.5	0.0382-1.8368i	0.8011+0.0364i	-2.6094+1.0996i	-0.7509-0.3257i	-0.6438-0.7908i	-6.4578-0.3057i	-4.9516+2.0116i	-0.5391-4.0483i
64.6	-0.0873-1.7339i	0.8458-0.0034i	-2.6639+1.2257i	-0.7826-0.2278i	-0.5289-0.6041i	-6.4120-0.0481i	-4.8034+2.3147i	-0.9921-3.8031i
64.7	-0.1557-1.6292i	0.8677-0.0838i	-2.7668+1.3581i	-0.7829-0.1305i	-0.7421-0.7573i	-6.3872+0.1529i	-4.8114+2.5871i	-0.9644-3.5118i
64.8	-0.1572-1.5476i	0.8773-0.1164i	-2.8218+1.4864i	-0.7682-0.0562i	-1.1810-0.6888i	-6.2849+0.3208i	-4.7758+2.8774i	-0.9208-3.4680i
64.9	-0.1604-1.4415i	0.8102-0.1589i	-2.8213+1.7108i	-0.8363+0.0053i	-1.0844-0.6299i	-6.1843+0.5584i	-4.4189+3.3049i	-1.1516-3.7297i
65.0	-0.1542-1.4349i	0.7873-0.1142i	-2.7894+1.9597i	-0.8771+0.1315i	-0.8407-0.5611i	-6.1039+0.8047i	-3.9850+3.5283i	-1.7157-3.9218i
65.1	-0.1140-1.3897i	0.7955-0.1397i	-2.8097+2.1111i	-0.8533+0.2304i	-1.1217-0.4905i	-5.9143+0.9926i	-3.7627+3.8215i	-1.7565-3.6564i
65.2	-0.1097-1.3304i	0.7956-0.1616i	-2.7841+2.2341i	-0.7903+0.3346i	-1.1238-0.3159i	-5.8030+1.1441i	-3.5788+4.0005i	-1.5763-3.3604i
65.3	-0.0950-1.3407i	0.7857-0.1797i	-2.7445+2.4324i	-0.7313+0.4551i	-1.1457-0.0286i	-5.6894+1.2551i	-3.3416+4.1941i	-1.7039-3.4299i
65.4	-0.0824-1.3307i	0.7564-0.1846i	-2.5827+2.5964i	-0.6370+0.6028i	-1.1543+0.0813i	-5.4967+1.3746i	-2.7614+4.1386i	-2.1952-3.1400i
65.5	-0.0663-1.3068i	0.7234-0.2091i	-2.4920+2.7725i	-0.5725+0.6960i	-0.8650-0.1549i	-5.3912+1.4773i	-2.4820+4.2519i	-2.4121-3.1050i
65.6	-0.0620-1.3358i	0.7187-0.2442i	-2.4458+2.9363i	-0.4665+0.7574i	-0.8185+0.0911i	-5.2326+1.5862i	-2.2459+4.4207i	-2.4376-3.0471i
65.7	-0.0474-1.3770i	0.6877-0.2672i	-2.3595+3.0907i	-0.3584+0.7812i	-0.8764+0.5224i	-5.0544+1.6730i	-1.9068+4.4922i	-2.4147-2.9978i
65.8	-0.0474-1.4255i	0.6720-0.2412i	-2.2517+3.2197i	-0.2332+0.8193i	-1.0592+0.5191i	-4.9011+1.6508i	-1.5582+4.3315i	-2.4213-3.0968i
65.9	-0.0567-1.4854i	0.6814-0.2350i	-2.1639+3.3730i	-0.1067+0.8591i	-0.9944+0.5237i	-4.7750+1.6392i	-1.3245+4.3098i	-2.5700-3.2269i
66.0	-0.1227-1.5773i	0.6556-0.2115i	-2.0362+3.5685i	0.0580+0.8848i	-0.7947+0.5152i	-4.6408+1.6599i	-1.0324+4.1779i	-2.9277-3.2148i
66.1	-0.1965-1.5850i	0.6430-0.2305i	-1.8754+3.6134i	0.1847+0.8808i	-0.6655+0.5646i	-4.4911+1.6704i	-0.9418+3.9382i	-3.0115-2.7408i
66.2	-0.2920-1.5871i	0.6517-0.2653i	-1.7043+3.7080i	0.3412+0.7976i	-0.7099+0.4401i	-4.4209+1.6741i	-0.8864+3.8459i	-3.1268-2.5352i
66.3	-0.3649-1.5797i	0.6448-0.2847i	-1.5050+3.8094i	0.4710+0.6923i	-0.3623+0.3392i	-4.4598+1.6430i	-0.7028+3.8738i	-3.3439-2.5361i
66.4	-0.4223-1.5446i	0.6299-0.3215i	-1.2905+3.8111i	0.5655+0.5974i	-0.3563+0.5264i	-4.4246+1.6838i	-0.6273+3.8242i	-3.2941-2.2084i
66.5	-0.4768-1.5012i	0.6001-0.3316i	-1.1126+3.8012i	0.6324+0.4675i	-0.4545+0.7096i	-4.4005+1.7504i	-0.5959+3.8491i	-3.2659-2.0223i
66.6	-0.5925-1.4719i	0.5959-0.3800i	-0.9187+3.8164i	0.7109+0.2956i	-0.2658+0.5731i	-4.3571+1.8345i	-0.6630+3.8836i	-3.2076-1.6307i
66.7	-0.6768-1.4485i	0.5664-0.4184i	-0.7125+3.8530i	0.7448+0.1178i	-0.2017+0.5135i	-4.3241+1.9397i	-0.3166+3.9514i	-3.4689-1.5390i
66.8	-0.6885-1.4188i	0.5262-0.4062i	-0.6040+3.7810i	0.7299+0.0063i	-0.1492+0.6100i	-4.2117+2.0065i	-0.1420+3.8957i	-3.4814-1.3808i
66.9	-0.6975-1.3674i	0.4823-0.4009i	-0.5200+3.7148i	0.6871-0.0794i	0.0886+0.5252i	-4.0862+2.0343i	-0.0855+3.8147i	-3.3964-1.2075i
67.0	-0.7256-1.3355i	0.4388-0.3877i	-0.4211+3.6917i	0.6511-0.1525i	0.0902+0.6170i	-3.9541+2.1581i	-0.0111+3.8135i	-3.3032-1.0386i
67.1	-0.7964-1.2752i	0.3987-0.3840i	-0.3097+3.6573i	0.6053-0.2780i	0.0525+0.3937i	-3.8421+2.1556i	0.1036+3.9493i	-3.1269-0.9403i
67.2	-0.8010-1.2230i	0.3848-0.3760i	-0.2069+3.5565i	0.5442-0.3578i	0.1933+0.2884i	-3.7653+2.1130i	0.1870+3.7743i	-3.1720-0.7076i
67.3	-0.7764-1.1935i	0.3362-0.3432i	-0.1441+3.4645i	0.4338-0.4172i	0.0998+0.4103i	-3.6316+2.1422i	0.3222+3.7554i	-2.9732-0.6491i
67.4	-0.8111-1.1593i	0.3299-0.3106i	-0.0779+3.4505i	0.3581-0.4620i	0.3910+0.3914i	-3.6036+2.1886i	0.5318+3.7998i	-3.0166-0.5333i
67.5	-0.8481-1.1286i	0.3388-0.3077i	-0.0416+3.4373i	0.3058-0.5136i	0.6314+0.2428i	-3.6047+2.1259i	0.4175+3.9000i	-2.7734-0.5137i
67.6	-0.8646-1.0610i	0.3245-0.2722i	0.0214+3.4009i	0.1944-0.5266i	0.5917+0.1276i	-3.4855+2.1002i	0.6088+3.9581i	-2.6410-0.5760i
67.7	-0.8567-1.0374i	0.3208-0.2364i	0.1029+3.3803i	0.1004-0.4986i	0.4319+0.0369i	-3.4921+2.1515i	1.0264+3.8220i	-2.9063-0.6170i
67.8	-0.8707-1.0105i	0.3437-0.2345i	0.1326+3.3319i	0.0569-0.4647i	0.3128-0.1034i	-3.4159+2.1905i	1.0471+3.6751i	-2.8061-0.3551i
67.9	-0.8885-0.9698i	0.3393-0.2221i	0.1762+3.2696i	0.0013-0.4436i	0.0381-0.1206i	-3.3142+2.2459i	1.2224+3.7136i	-2.6783-0.4412i
68.0	-0.8927-0.9224i	0.3476-0.2152i	0.2207+3.2150i	-0.0234-0.4055i	0.1703+0.1313i	-3.2885+2.2652i	1.3559+3.5236i	-2.7761-0.2406i
68.1	-0.9004-0.8891i	0.3549-0.2185i	0.2641+3.2014i	-0.0638-0.3788i	0.0521+0.0189i	-3.2595+2.3035i	1.5340+3.3941i	-2.8402-0.1629i
68.2	-0.9170-0.8495i	0.3564-0.2195i	0.2878+3.1781i	-0.0665-0.3715i	0.0231+0.0925i	-3.1218+2.3091i	1.6166+3.4753i	-2.6448-0.2339i
68.3	-0.9304-0.8009i	0.3760-0.2282i	0.3369+3.1588i	-0.0867-0.3586i	0.1895+0.2578i	-3.0986+2.3729i	1.8649+3.4218i	-2.7560-0.3229i
68.4	-0.9556-0.7708i	0.3895-0.2818i	0.3722+3.1586i	-0.1034-0.3535i	0.2126+0.1843i	-3.0893+2.4844i	2.1034+3.2178i	-2.9374-0.0398i
68.5	-0.9287-0.7250i	0.3747-0.2914i	0.3870+3.1494i	-0.1447-0.3328i	0.2624+0.1850i	-2.8863+2.5690i	2.1459+3.0344i	-2.7963+0.1237i
68.6	-0.9117-0.6878i	0.3678-0.2818i	0.4142+3.1196i	-0.1694-0.3022i	0.1080+0.1769i	-2.7110+2.6136i	2.1394+2.8447i	-2.7391+0.1466i

68.7	−0.8902−0.6579i	0.3414−0.2924i	0.4180+3.1239i	−0.1784−0.2673i	0.0144+0.0354i	−2.5597+2.6094i	2.1647+2.8215i	−2.5139+0.1268i
68.8	−0.8638−0.6379i	0.3275−0.2878i	0.4336+3.1719i	−0.1931−0.2497i	0.2239−0.2486i	−2.4667+2.5299i	2.2988+2.9933i	−2.4033−0.1131i
68.9	−0.8427−0.6046i	0.3083−0.3046i	0.4663+3.1556i	−0.1912−0.2550i	0.2863−0.2915i	−2.3494+2.4872i	2.3223+2.9134i	−2.3308−0.0593i
69.0	−0.8428−0.6040i	0.3228−0.3205i	0.5084+3.1601i	−0.1818−0.2239i	0.3442−0.0504i	−2.2802+2.5302i	2.3614+2.8533i	−2.3512+0.0514i
69.1	−0.8176−0.5630i	0.3026−0.3212i	0.5762+3.1611i	−0.1952−0.2137i	0.1903+0.0325i	−2.1699+2.4532i	2.5248+2.7458i	−2.3265+0.0258i
69.2	−0.7779−0.5418i	0.2771−0.3323i	0.6729+3.1711i	−0.2142−0.2016i	−0.0587+0.1119i	−2.0756+2.4208i	2.7969+2.5914i	−2.5144+0.0114i
69.3	−0.7629−0.5462i	0.2612−0.3498i	0.7464+3.2007i	−0.2235−0.1877i	−0.1660+0.1057i	−1.9862+2.4293i	2.7868+2.3918i	−2.5046+0.1736i
69.4	−0.7556−0.5290i	0.2224−0.3453i	0.8190+3.2153i	−0.2416−0.1873i	−0.1202+0.1740i	−1.8560+2.3636i	2.9213+2.2734i	−2.5019+0.1143i
69.5	−0.7245−0.5221i	0.1941−0.3309i	0.9468+3.1786i	−0.2608−0.1233i	−0.0798+0.3932i	−1.7392+2.2345i	3.0659+2.0945i	−2.6074+0.1831i
69.6	−0.7191−0.5276i	0.1773−0.3182i	1.0139+3.1127i	−0.2366−0.0840i	0.1436+0.2768i	−1.7336+2.1277i	3.2026+1.9550i	−2.6559+0.2139i
69.7	−0.6939−0.5309i	0.1557−0.2971i	1.0582+3.0880i	−0.2181−0.0782i	0.1096+0.1076i	−1.7481+2.0544i	3.2246+1.9629i	−2.5766+0.1713i
69.8	−0.6985−0.5117i	0.1245−0.3138i	1.1198+3.0512i	−0.1986−0.1014i	0.2519+0.0607i	−1.7156+2.0543i	3.2935+1.7082i	−2.6332+0.4106i
69.9	−0.6879−0.4846i	0.0837−0.3027i	1.2363+3.0191i	−0.2075−0.1136i	0.2297+0.1883i	−1.6493+2.0123i	3.5002+1.6103i	−2.6001+0.3751i
70.0	−0.6751−0.4833i	0.0640−0.2873i	1.3247+2.9642i	−0.2040−0.1142i	0.0938+0.3355i	−1.6304+2.0060i	3.5616+1.5456i	−2.5329+0.3443i
70.1	−0.6456−0.5026i	0.0434−0.2803i	1.3649+2.8896i	−0.2082−0.1170i	0.0126+0.2364i	−1.6025+2.0134i	3.3765+1.2037i	−2.4145+0.5991i
70.2	−0.6411−0.4987i	0.0303−0.2637i	1.4216+2.8123i	−0.2197−0.1069i	0.4701+0.2032i	−1.5396+2.0044i	3.4299+0.9171i	−2.4552+0.7623i
70.3	−0.6331−0.4946i	0.0056−0.2350i	1.4780+2.7206i	−0.2490−0.0894i	0.3905+0.2514i	−1.4614+1.9573i	3.4657+0.6075i	−2.5261+0.9205i
70.4	−0.6230−0.5003i	−0.0079−0.2279i	1.5063+2.6489i	−0.2741−0.0828i	0.3868+0.4981i	−1.4321+1.9512i	3.5410+0.3276i	−2.6725+1.0662i
70.5	−0.6017−0.4959i	−0.0319−0.1995i	1.5110+2.5736i	−0.2896−0.0624i	0.4862+0.2535i	−1.3645+1.9076i	3.4131+0.2238i	−2.5051+1.0997i
70.6	−0.6074−0.5097i	−0.0369−0.1674i	1.5208+2.5251i	−0.2894−0.0521i	0.5137+0.4027i	−1.3368+1.8122i	3.3613+0.1324i	−2.4507+1.0461i
70.7	−0.5959−0.5184i	−0.0530−0.1404i	1.5390+2.4444i	−0.3080−0.0432i	0.6381+0.2348i	−1.2622+1.7831i	3.3277−0.1223i	−2.4158+1.1350i
70.8	−0.5853−0.5226i	−0.0366−0.1353i	1.5442+2.3853i	−0.2966−0.0298i	0.4997+0.0146i	−1.2859+1.7238i	3.2158−0.0814i	−2.3417+1.0908i
70.9	−0.5961−0.5313i	−0.0523−0.0898i	1.5545+2.3029i	−0.2860+0.0178i	0.6723−0.0021i	−1.2199+1.6818i	2.9179−0.4045i	−2.2586+1.3479i
71.0	−0.5888−0.5432i	−0.0716−0.0748i	1.5444+2.2675i	−0.2984+0.0314i	0.6914+0.0616i	−1.1611+1.6267i	2.8096−0.4772i	−2.1632+1.3847i
71.1	−0.5686−0.5409i	−0.0683−0.0386i	1.5026+2.2463i	−0.2989+0.0499i	1.0036+0.2308i	−1.1460+1.5254i	2.7692−0.2531i	−2.0208+1.2137i
71.2	−0.5620−0.5513i	−0.0839−0.0120i	1.5274+2.2026i	−0.2832+0.0979i	0.8992+0.1188i	−1.1090+1.4963i	2.6408−0.4093i	−1.9463+1.3031i
71.3	−0.5691−0.5725i	−0.1113+0.0164i	1.4897+2.1823i	−0.2677+0.1032i	0.6262+0.0937i	−1.0939+1.4298i	2.4486−0.4266i	−1.7984+1.2886i
71.4	−0.5737−0.5645i	−0.1009+0.0450i	1.4871+2.1562i	−0.2530+0.1286i	0.6211−0.0415i	−1.0757+1.3763i	2.3109−0.5270i	−1.7583+1.3520i
71.5	−0.5811−0.6095i	−0.0994+0.0876i	1.4766+2.1451i	−0.2623+0.1522i	0.8990−0.2541i	−1.0661+1.2952i	2.2677−0.5156i	−1.7239+1.3174i
71.6	−0.5911−0.6371i	−0.1124+0.1012i	1.4471+2.1002i	−0.2429+0.1521i	1.0809−0.2319i	−1.0467+1.2659i	2.1703−0.6640i	−1.7676+1.3811i
71.7	−0.6085−0.6291i	−0.1045+0.1237i	1.4706+2.0983i	−0.2119+0.1664i	0.8940−0.4372i	−1.0318+1.2196i	2.1335−0.6071i	−1.6910+1.3472i
71.8	−0.6267−0.6238i	−0.0995+0.1611i	1.4890+2.1222i	−0.2146+0.1664i	1.0742−0.3000i	−1.0279+1.1238i	2.1696−0.6623i	−1.6865+1.2776i
71.9	−0.6320−0.6116i	−0.0764+0.1847i	1.4910+2.0986i	−0.1862+0.1724i	0.9495−0.3619i	−1.0590+1.0360i	2.2189−0.5122i	−1.6467+1.2315i
72.0	−0.6317−0.6258i	−0.0739+0.2008i	1.4644+2.0897i	−0.1738+0.1893i	0.9413−0.5207i	−1.0810+0.9960i	2.2408−0.5102i	−1.7266+1.2153i
72.1	−0.6210−0.6319i	−0.0761+0.1949i	1.4647+2.0650i	−0.1586+0.1574i	1.1596−0.6700i	−1.1106+1.0211i	2.0677−0.6378i	−1.7315+1.3889i
72.2	−0.6297−0.6278i	−0.0567+0.2368i	1.5159+2.0309i	−0.1501+0.1557i	0.9909−0.7700i	−1.0624+0.9610i	1.9750−0.6795i	−1.6120+1.4690i
72.3	−0.6597−0.6193i	−0.0119+0.2526i	1.5780+1.9946i	−0.1181+0.1703i	0.8852−0.6340i	−1.0736+0.9604i	2.0898−0.9412i	−1.6972+1.5521i
72.4	−0.6599−0.6333i	−0.0107+0.2722i	1.5945+2.0114i	−0.1331+0.1813i	0.9293−0.6285i	−1.1244+0.9269i	2.1843−0.8687i	−1.6748+1.4865i
72.5	−0.6734−0.6341i	−0.0034+0.2772i	1.6200+1.9861i	−0.1270+0.1795i	0.8326−0.5396i	−1.1567+0.9064i	2.1812−0.8391i	−1.6418+1.5146i
72.6	−0.6748−0.6491i	−0.0070+0.2962i	1.6136+1.9690i	−0.1149+0.1801i	0.6106−0.6793i	−1.1542+0.8765i	2.2113−0.9062i	−1.5905+1.5554i
72.7	−0.6892−0.6586i	0.0185+0.3146i	1.6214+1.9430i	−0.1050+0.1897i	0.6474−0.7876i	−1.1325+0.8376i	2.1424−1.0577i	−1.6034+1.5570i
72.8	−0.7085−0.6511i	0.0349+0.3231i	1.6416+1.9134i	−0.0829+0.1945i	0.6796−0.7496i	−1.1018+0.8553i	1.9648−1.2269i	−1.5436+1.7094i
72.9	−0.7191−0.6504i	0.0413+0.3412i	1.6466+1.9220i	−0.0783+0.1788i	0.3585−0.9421i	−1.1305+0.7682i	2.0405−1.1923i	−1.4811+1.6676i
73.0	−0.7303−0.6597i	0.0609+0.3540i	1.6996+1.9052i	−0.0869+0.1840i	0.4867−0.8917i	−1.1467+0.7398i	2.0465−1.2559i	−1.4542+1.6575i
73.1	−0.7625−0.6581i	0.1027+0.3666i	1.7476+1.8689i	−0.0454+0.1807i	0.4899−0.6489i	−1.1793+0.7118i	1.8646−1.2263i	−1.3615+1.7189i
73.2	−0.7530−0.6582i	0.0995+0.3813i	1.7373+1.8789i	−0.0457+0.1763i	0.4491−0.7727i	−1.1601+0.6363i	1.8132−1.2219i	−1.3419+1.6611i
73.3	−0.7573−0.6441i	0.1011+0.3884i	1.7612+1.8554i	−0.0495+0.1732i	0.4626−0.9016i	−1.1824+0.5847i	1.6977−1.3159i	−1.3368+1.7386i
73.4	−0.7533−0.6642i	0.1044+0.3964i	1.7623+1.8272i	−0.0461+0.1567i	0.3515−0.9954i	−1.1838+0.5929i	1.8080−1.4694i	−1.4561+1.7594i
73.5	−0.7864−0.6411i	0.1204+0.3895i	1.8239+1.8040i	−0.0468+0.1482i	0.1827−0.7737i	−1.1697+0.5576i	1.8394−1.5206i	−1.3952+1.7613i
73.6	−0.8011−0.6355i	0.1287+0.4065i	1.8597+1.7985i	−0.0698+0.1332i	0.5266−0.8457i	−1.1553+0.4760i	1.7448−1.5937i	−1.2926+1.7852i
73.7	−0.8084−0.6229i	0.1284+0.4243i	1.8390+1.7793i	−0.0733+0.1132i	0.5924−1.0360i	−1.1551+0.3628i	1.5134−1.5193i	−1.2362+1.7353i
73.8	−0.8195−0.6158i	0.1197+0.4182i	1.8495+1.7285i	−0.0706+0.0964i	0.1728−1.0016i	−1.1305+0.3668i	1.3505−1.6773i	−1.2870+1.8370i
73.9	−0.8263−0.6169i	0.1150+0.4600i	1.8823+1.7144i	−0.0860+0.0957i	0.1553−1.0773i	−1.1568+0.3157i	1.4044−1.5774i	−1.2292+1.7972i
74.0	−0.8306−0.6015i	0.1215+0.4894i	1.9156+1.6680i	−0.1047+0.0829i	0.2642−1.1752i	−1.1699+0.2958i	1.2552−1.5265i	−1.1478+1.8988i
74.1	−0.8162−0.5588i	0.1377+0.4823i	1.9164+1.6439i	−0.1307+0.0431i	0.3251−1.1050i	−1.2339+0.1682i	1.2497−1.4527i	−1.1463+1.8573i
74.2	−0.8175−0.5727i	0.1583+0.4993i	1.9512+1.6608i	−0.1327+0.0495i	0.1623−1.2423i	−1.3088+0.1291i	1.3708−1.5839i	−1.2459+1.8446i
74.3	−0.8067−0.5934i	0.1489+0.5331i	1.9700+1.6427i	−0.1651+0.0494i	0.2124−1.2969i	−1.3073+0.0892i	1.2013−1.7212i	−1.2162+2.0386i
74.4	−0.7771−0.5903i	0.1505+0.5490i	2.0028+1.5799i	−0.2277+0.0441i	0.2580−1.1169i	−1.3428+0.0630i	1.2223−1.7760i	−1.2551+2.0729i
74.5	−0.7561−0.6101i	0.1543+0.5809i	2.0191+1.5762i	−0.2814+0.0825i	0.1688−1.1174i	−1.4064−0.0112i	1.0627−1.8416i	−1.2828+2.2165i
74.6	−0.7684−0.6391i	0.1738+0.6298i	2.1340+1.5355i	−0.3394+0.1531i	0.3185−1.3641i	−1.5358−0.0783i	1.0827−1.8948i	−1.2078+2.2885i
74.7	−0.7433−0.6471i	0.1647+0.6750i	2.1745+1.4976i	−0.3965+0.2286i	0.3850−1.3928i	−1.5480−0.1850i	1.0623−1.8350i	−1.1162+2.2268i
74.8	−0.7584−0.6915i	0.1891+0.7120i	2.1967+1.4618i	−0.4197+0.2683i	0.2057−1.1697i	−1.5348−0.2378i	0.9306−1.8456i	−1.0220+2.3018i
74.9	−0.7864−0.7400i	0.2231+0.7430i	2.2225+1.4881i	−0.4113+0.3160i	0.0360−1.2019i	−1.5699−0.2783i	0.8396−1.8332i	−0.8709+2.4080i

75.0	-0.8007-0.7604i	0.2763+0.7606i	2.2444+1.4208i	-0.3743+0.3694i	0.0241-1.1839i	-1.7279-0.2533i	0.7285-1.9133i	-0.8457+2.5293i
75.1	-0.8020-0.7604i	0.2941+0.7979i	2.2999+1.3328i	-0.3899+0.4294i	-0.1191-1.2770i	-1.8176-0.3772i	0.6057-1.9544i	-0.7933+2.5282i
75.2	-0.8473-0.7566i	0.3197+0.8177i	2.3451+1.2693i	-0.3924+0.4622i	-0.1418-1.2592i	-1.8504-0.4788i	0.4775-1.8936i	-0.6554+2.5327i
75.3	-0.8836-0.7774i	0.3513+0.8465i	2.4045+1.1820i	-0.3524+0.5271i	0.0600-1.3327i	-1.9364-0.5143i	0.4048-1.8085i	-0.5138+2.5971i
75.4	-0.8950-0.8195i	0.4083+0.8785i	2.4549+1.0163i	-0.3087+0.6392i	0.0351-1.4076i	-2.1389-0.5035i	0.2564-1.8980i	-0.4651+2.6868i
75.5	-0.9518-0.8236i	0.4718+0.8802i	2.5394+0.8785i	-0.2876+0.7229i	-0.4135-1.3895i	-2.2218-0.5255i	0.1439-1.8483i	-0.3159+2.6851i
75.6	-0.9706-0.8435i	0.5233+0.9423i	2.5481+0.7921i	-0.2631+0.8492i	-0.3817-1.2836i	-2.3466-0.7445i	0.0822-1.7714i	-0.1766+2.6547i
75.7	-1.0059-0.8579i	0.5866+0.9655i	2.5462+0.7517i	-0.1893+0.8999i	-0.2548-1.4971i	-2.5137-0.8109i	0.1225-1.7161i	-0.1548+2.5916i
75.8	-1.0652-0.8724i	0.6419+0.9721i	2.4038+0.5904i	-0.0776+0.9022i	-0.3684-1.4476i	-2.6258-0.7463i	0.0635-1.5951i	-0.1455+2.5498i
75.9	-1.0914-0.8330i	0.6948+0.9489i	2.3258+0.4886i	0.0500+0.8914i	-0.3713-1.5284i	-2.7949-0.6677i	0.0857-1.5639i	-0.0699+2.5161i
76.0	-1.1430-0.8289i	0.8018+0.9357i	2.2614+0.2921i	0.2348+0.9259i	-0.4876-1.5365i	-3.1318-0.5115i	0.0215-1.5484i	0.1182+2.5898i
76.1	-1.1975-0.8489i	0.8700+0.9600i	2.2779+0.2134i	0.3114+0.9557i	-0.8773-1.3444i	-3.3608-0.5682i	-0.0371-1.5820i	0.1822+2.6689i
76.2	-1.2306-0.8027i	0.9463+0.9312i	2.2160+0.1519i	0.3980+0.9007i	-0.8512-1.4989i	-3.5512-0.4980i	-0.1127-1.4842i	0.2341+2.6428i
76.3	-1.2613-0.7859i	0.9840+0.8909i	2.0897+0.1173i	0.4765+0.8581i	-0.9432-1.4857i	-3.6598-0.3732i	-0.0559-1.4170i	0.2161+2.5437i
76.4	-1.3132-0.7764i	1.0527+0.8412i	1.9277-0.0012i	0.6077+0.7765i	-1.0064-1.2475i	-3.7914-0.0626i	-0.1078-1.3682i	0.3914+2.5459i
76.5	-1.3425-0.7283i	1.1165+0.8349i	1.8076-0.0475i	0.7155+0.7505i	-0.9736-1.2175i	-4.1479-0.0052i	-0.1647-1.3382i	0.4920+2.6806i
76.6	-1.3018-0.6968i	1.1524+0.8108i	1.7965-0.0200i	0.7203+0.6904i	-1.1024-1.1623i	-4.3462-0.0172i	-0.1216-1.2643i	0.5855+2.6505i
76.7	-1.3422-0.7321i	1.1961+0.7920i	1.7294+0.0136i	0.7101+0.6243i	-1.0530-1.1278i	-4.3920+0.0873i	-0.0821-1.2914i	0.5678+2.5873i
76.8	-1.3811-0.7235i	1.2445+0.7594i	1.6088+0.0432i	0.7744+0.5305i	-1.1168-1.1457i	-4.5354+0.3971i	-0.1319-1.3145i	0.6708+2.5452i
76.9	-1.4239-0.7430i	1.2745+0.6969i	1.5141+0.1145i	0.7594+0.4198i	-1.2616-1.1787i	-4.4645+0.6608i	-0.2508-1.3751i	0.6676+2.7317i
77.0	-1.4614-0.7560i	1.3042+0.6748i	1.4492+0.0470i	0.7462+0.4133i	-1.0108-1.0618i	-4.4981+0.7287i	-0.3082-1.3528i	0.7068+2.8095i
77.1	-1.4168-0.6944i	1.3292+0.6499i	1.4203+0.0827i	0.7753+0.3545i	-0.9864-0.9127i	-4.7559+0.8715i	-0.2794-1.3366i	0.7503+2.7654i
77.2	-1.4473-0.7224i	1.3200+0.6013i	1.3497+0.1291i	0.7260+0.2495i	-1.1728-1.0775i	-4.6216+1.0925i	-0.3984-1.3302i	0.8338+2.8339i
77.3	-1.5112-0.7549i	1.3691+0.5923i	1.3099+0.3079i	0.7161+0.2226i	-1.1821-0.7590i	-4.6830+1.2020i	-0.3689-1.2991i	1.0095+2.8237i
77.4	-1.5607-0.7347i	1.4339+0.5394i	1.4053+0.3975i	0.6948+0.1773i	-1.0881-0.6347i	-4.8545+1.5524i	-0.4026-1.2955i	1.1021+2.9085i
77.5	-1.6225-0.7285i	1.4834+0.5520i	1.5053+0.4577i	0.6559+0.2026i	-1.1399-0.5450i	-4.8931+1.5541i	-0.3401-1.2269i	1.2699+2.7463i
77.6	-1.6485-0.7388i	1.5352+0.5075i	1.4493+0.4277i	0.6218+0.1621i	-1.2844-0.6008i	-4.8882+1.8692i	-0.3113-1.1451i	1.5287+2.5960i
77.7	-1.7121-0.7316i	1.5750+0.4565i	1.4756+0.4531i	0.5966+0.1492i	-1.3590-0.6182i	-4.8828+2.0402i	-0.4225-1.1296i	1.6470+2.6338i
77.8	-1.7584-0.6790i	1.5904+0.3885i	1.5342+0.3389i	0.6380+0.1757i	-1.2344-0.5744i	-4.9129+2.1356i	-0.4940-1.1099i	1.7563+2.5495i
77.9	-1.8264-0.6721i	1.6385+0.3285i	1.5367+0.2837i	0.6182+0.1682i	-1.2578-0.7059i	-4.8710+2.3758i	-0.5449-1.0625i	1.9620+2.5132i
78.0	-1.8931-0.6173i	1.6611+0.2543i	1.4716+0.3146i	0.6011+0.1382i	-1.4051-0.7111i	-4.7892+2.6515i	-0.5339-1.0816i	2.0161+2.4767i
78.1	-1.9786-0.6006i	1.7236+0.1978i	1.5204+0.2735i	0.6614+0.0932i	-1.3157-0.5989i	-4.8245+2.9841i	-0.5110-1.1740i	2.0468+2.2487i
78.2	-1.9924-0.5452i	1.7291+0.1301i	1.4923+0.1369i	0.6654+0.0803i	-1.2419-0.5505i	-4.8171+3.1720i	-0.5459-1.0849i	2.2894+2.1115i
78.3	-2.0559-0.4489i	1.7643+0.0241i	1.4762+0.0450i	0.6682+0.0582i	-1.3801-0.5175i	-4.8198+3.5736i	-0.5694-1.0626i	2.4244+2.0344i
78.4	-2.1211-0.3917i	1.7597-0.0583i	1.5175+0.1121i	0.6363+0.0378i	-1.2040-0.5137i	-4.6027+3.7460i	-0.5895-1.0243i	2.5178+2.0049i
78.5	-2.1971-0.3794i	1.7901-0.1450i	1.5307+0.1231i	0.6776-0.0316i	-1.2272-0.4484i	-4.3751+4.2343i	-0.6300-1.0637i	2.6150+1.8163i
78.6	-2.2174-0.2843i	1.7764-0.2122i	1.4608+0.0325i	0.7031-0.0306i	-1.4421-0.4486i	-4.2105+4.4688i	-0.5876-0.9767i	2.6907+1.5203i
78.7	-2.2257-0.1835i	1.7396-0.3064i	1.4481+0.0821i	0.6659-0.0446i	-1.5723-0.2833i	-3.8956+4.5865i	-0.5731-0.8985i	2.7759+1.3483i
78.8	-2.1849-0.1401i	1.6867-0.3595i	1.4247+0.2940i	0.6936-0.0502i	-1.5951-0.1291i	-3.6361+4.6845i	-0.6468-0.8211i	2.6967+1.2664i
78.9	-2.1242-0.1009i	1.6573-0.4295i	1.8130+0.2568i	0.7410-0.1208i	-1.4437-0.0151i	-3.4648+4.7194i	-0.5982-0.8072i	2.6009+1.0722i
79.0	-2.1798-0.2198i	1.6698-0.4598i	2.2705-0.2248i	0.7385-0.2835i	-1.0313-0.0323i	-3.4392+4.6914i	-0.5111-0.7777i	2.6820+1.1444i
79.1	-2.3745-0.2072i	1.6622-0.5228i	1.8786-0.8067i	0.6265-0.4162i	-1.1180-0.2926i	-3.3733+4.8674i	-0.4932-0.8378i	2.8347+1.0366i
79.2	-2.5157-0.0098i	1.6454-0.6080i	1.4746-0.9254i	0.5219-0.4050i	-1.1550-0.1628i	-3.2044+5.0694i	-0.5394-0.9046i	2.7994+0.8122i
79.3	-2.5390+0.0900i	1.5735-0.6799i	1.1444-0.8507i	0.4721-0.3953i	-1.0622-0.2902i	-2.9090+5.3124i	-0.5970-0.9630i	2.8285+0.7491i
79.4	-2.5482+0.1878i	1.5321-0.6852i	0.9902-0.6795i	0.3988-0.3651i	-1.0278-0.1622i	-2.7679+5.2513i	-0.5733-0.8793i	2.9048+0.4739i
79.5	-2.5296+0.2977i	1.4626-0.7235i	0.9090-0.6378i	0.3477-0.3111i	-0.9086+0.0482i	-2.4835+5.2102i	-0.6116-0.8829i	2.8212+0.2865i
79.6	-2.4817+0.4127i	1.4096-0.7714i	0.7664-0.6473i	0.2727-0.3268i	-1.1224-0.0900i	-2.2739+5.3558i	-0.6098-0.8660i	2.7023+0.0939i
79.7	-2.4888+0.5678i	1.3613-0.8168i	0.6803-0.6352i	0.2272-0.2766i	-1.4400-0.0736i	-2.0257+5.4639i	-0.5946-0.8499i	2.7193-0.1403i
79.8	-2.4689+0.6699i	1.3008-0.8368i	0.4775-0.5502i	0.1792-0.2239i	-1.1794-0.1357i	-1.7278+5.4738i	-0.6231-0.9215i	2.4609-0.2091i
79.9	-2.4007+0.7227i	1.2399-0.8356i	0.3632-0.4711i	0.1645-0.1843i	-1.0234-0.0949i	-1.5162+5.4625i	-0.6750-0.8895i	2.4568-0.2727i
80.0	-2.3056+0.7973i	1.1593-0.8395i	0.2313-0.4963i	0.1675-0.1714i	-0.8755-0.0285i	-1.3478+5.3360i	-0.7171-0.8529i	2.4199-0.3889i

2.1.18 Run 2 – IP270 – Accels 41–47

In-plane shaking at 270°. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	32.6415+0.0000i	22.0134+0.0000i	-7.9745+0.0000i	11.4079+0.0000i	13.7624+0.0000i	18.1756+0.0000i	9.7271+0.0000i
0.1	29.4383-0.9179i	20.2334+1.4775i	-6.1127+1.3121i	10.2424+0.5355i	12.2659+1.5405i	16.8953+4.1992i	9.5436+1.9391i
0.2	-1.8466+0.4923i	1.6288-1.4704i	2.8872+0.8450i	0.2648+0.7769i	3.1378-0.8129i	3.5619-2.4334i	1.3016-0.0777i
0.3	-1.8021+0.1033i	1.4261-1.2849i	1.3045+0.2080i	-0.0484+0.3364i	-0.2235+0.0446i	-2.4480-0.5332i	-4.0533+0.4158i
0.4	-0.9607-0.3223i	1.1917-0.2444i	1.0081-0.0491i	-0.0058+0.3210i	-1.9429-0.0993i	-3.0012-0.2814i	-0.7576-7.6406i
0.5	-0.4187+0.0148i	0.8657-0.0820i	-0.1453+1.2724i	-0.0145+0.2829i	0.1379-0.0917i	-0.7390+0.4331i	4.2714-6.1593i
0.6	-0.0155+0.0800i	0.2186-0.0942i	-0.1892+0.1712i	-0.0644-0.0346i	0.0626+0.0952i	-0.1464+0.3505i	1.7335-1.6076i
0.7	0.0544-0.0152i	0.1205-0.0207i	-0.1041-0.0339i	-0.0053+0.0458i	0.1401+0.0513i	-0.0669+0.0595i	0.3497-0.2783i
0.8	0.0076-0.0040i	0.1177+0.0183i	-0.0144-0.0156i	0.0068+0.0268i	0.1510-0.0016i	-0.0558-0.0249i	0.9918+0.3532i
0.9	0.0015-0.0091i	0.1484-0.0171i	0.0083+0.0090i	0.0069+0.0169i	0.1632-0.0185i	-0.0107+0.0108i	0.7632+0.6067i
1.0	-0.0084-0.0067i	0.1685-0.0269i	-0.0020+0.0008i	0.0144+0.0134i	0.1732-0.0252i	0.0173+0.0175i	0.5064+0.0685i
1.1	-0.0035-0.0140i	0.2481-0.0224i	-0.0033-0.0010i	0.0207+0.0046i	0.2444-0.0205i	0.0134+0.0142i	0.5278-0.0787i
1.2	-0.0063-0.0221i	0.3042-0.0265i	-0.0018-0.0022i	0.0193-0.0082i	0.2961-0.0253i	0.0142+0.0010i	0.3108+0.1327i
1.3	-0.0308-0.0587i	0.5093-0.1875i	-0.0065-0.0038i	-0.0114+0.0231i	0.4962-0.1783i	0.0190+0.0049i	0.4446+0.0237i
1.4	-0.0864-0.0569i	0.5001-0.2781i	-0.0092-0.0004i	0.0113+0.0483i	0.4967-0.2647i	0.0174+0.0000i	0.7072-0.1314i
1.5	-0.1175+0.1455i	0.7234+0.1126i	-0.0103+0.0083i	0.0437-0.0629i	0.7260+0.0834i	0.0301+0.0050i	0.9274-0.2076i
1.6	-0.0201+0.2429i	1.2385+0.0529i	-0.0073+0.0117i	-0.0163-0.1098i	1.2115+0.0080i	0.0333-0.0036i	1.1719-0.5134i
1.7	0.0668+0.2010i	1.4863-0.5745i	-0.0055+0.0109i	-0.0599-0.0625i	1.4352-0.5980i	0.0318-0.0155i	1.1903-1.0827i
1.8	0.1336+0.1559i	1.3516-1.5852i	-0.0035+0.0135i	-0.0679+0.0075i	1.2907-1.5724i	0.0364-0.0334i	1.0146-1.9804i
1.9	0.1939+0.0995i	0.4916-2.2384i	0.0035+0.0126i	-0.0260+0.0627i	0.4446-2.1921i	0.0229-0.0412i	0.1693-2.2471i
2.0	0.2117+0.0128i	-0.7674-1.6472i	0.0081+0.0077i	0.0624+0.0502i	-0.7739-1.6008i	-0.0088-0.0252i	-0.8056-1.4234i
2.1	0.2347-0.0201i	-1.0252-1.2482i	0.0144+0.0054i	0.1310+0.0281i	-1.0208-1.2088i	-0.0032-0.0278i	-1.0350-0.9012i
2.2	0.3367-0.1517i	-1.1455-0.9304i	0.0290-0.0106i	0.2767-0.1067i	-1.1376-0.8960i	0.0114-0.0352i	-1.1023-0.5777i
2.3	0.0988-0.4938i	-1.0564-0.7957i	0.0036-0.0485i	0.0466-0.4528i	-1.0421-0.7563i	-0.0069-0.0678i	-1.0283-0.5092i
2.4	-0.2255-0.2471i	-1.0035-0.6365i	-0.0328-0.0226i	-0.2709-0.2116i	-0.9802-0.6087i	-0.0395-0.0406i	-0.9451-0.4149i
2.5	-0.1313-0.0520i	-0.9774-0.5229i	-0.0230-0.0014i	-0.1632-0.0203i	-0.9550-0.5033i	-0.0282-0.0122i	-0.8756-0.3710i
2.6	-0.0742-0.0266i	-0.9105-0.4978i	-0.0173+0.0015i	-0.1021+0.0055i	-0.8903-0.4792i	-0.0214-0.0065i	-0.8701-0.3319i
2.7	-0.0495-0.0186i	-0.8443-0.4807i	-0.0158+0.0038i	-0.0745+0.0142i	-0.8271-0.4628i	-0.0165-0.0076i	-0.7998-0.3066i
2.8	-0.0383-0.0144i	-0.8770-0.4142i	-0.0144+0.0035i	-0.0554+0.0114i	-0.8588-0.3983i	-0.0125-0.0060i	-0.7771-0.2308i
2.9	-0.0302-0.0126i	-0.8688-0.3542i	-0.0139+0.0021i	-0.0448+0.0069i	-0.8503-0.3402i	-0.0071-0.0051i	-0.7461-0.2133i
3.0	-0.0260-0.0119i	-0.7972-0.3641i	-0.0140+0.0034i	-0.0446+0.0106i	-0.7821-0.3510i	-0.0027-0.0047i	-0.6874-0.2618i
3.1	-0.0249-0.0093i	-0.8107-0.3648i	-0.0116+0.0053i	-0.0385+0.0144i	-0.7949-0.3510i	-0.0043-0.0022i	-0.6671-0.3489i
3.2	-0.0253-0.0075i	-0.8590-0.3163i	-0.0123+0.0036i	-0.0308+0.0112i	-0.8394-0.3026i	-0.0024-0.0015i	-0.7027-0.3099i
3.3	-0.0208-0.0052i	-0.8216-0.2736i	-0.0148+0.0033i	-0.0296+0.0101i	-0.8031-0.2623i	0.0001-0.0027i	-0.6428-0.3011i
3.4	-0.0168-0.0050i	-0.8179-0.2942i	-0.0144+0.0053i	-0.0265+0.0138i	-0.7994-0.2816i	0.0001-0.0074i	-0.5789-0.2985i
3.5	-0.0146-0.0039i	-0.8288-0.2251i	-0.0154+0.0040i	-0.0227+0.0084i	-0.8084-0.2142i	0.0035-0.0032i	-0.5630-0.1447i
3.6	-0.0138-0.0032i	-0.8371-0.1782i	-0.0146+0.0029i	-0.0184+0.0059i	-0.8167-0.1702i	0.0076-0.0042i	-0.6676-0.1136i
3.7	-0.0149-0.0029i	-0.8602-0.1956i	-0.0147+0.0041i	-0.0123+0.0078i	-0.8383-0.1879i	0.0044-0.0077i	-0.7109-0.2393i
3.8	-0.0151-0.0031i	-0.8311-0.2422i	-0.0150+0.0063i	-0.0144+0.0171i	-0.8099-0.2305i	0.0100-0.0063i	-0.5974-0.3185i
3.9	-0.0157-0.0035i	-0.8048-0.2443i	-0.0152+0.0065i	-0.0164+0.0168i	-0.7842-0.2329i	0.0129+0.0006i	-0.4812-0.3080i
4.0	-0.0137-0.0017i	-0.7986-0.1668i	-0.0170+0.0039i	-0.0161+0.0078i	-0.7777-0.1598i	0.0142+0.0015i	-0.4422-0.1426i
4.1	-0.0150-0.0016i	-0.8101-0.1538i	-0.0179+0.0041i	-0.0136+0.0080i	-0.7880-0.1474i	0.0130-0.0028i	-0.4543-0.1088i
4.2	-0.0161-0.0016i	-0.7794-0.1492i	-0.0204+0.0049i	-0.0158+0.0076i	-0.7568-0.1449i	0.0145+0.0025i	-0.4786-0.0845i
4.3	-0.0183-0.0012i	-0.7536-0.1549i	-0.0222+0.0072i	-0.0202+0.0089i	-0.7320-0.1476i	0.0223-0.0009i	-0.4919-0.0044i
4.4	-0.0160+0.0024i	-0.7624-0.1251i	-0.0216+0.0047i	-0.0164+0.0079i	-0.7396-0.1193i	0.0253-0.0079i	-0.4204-0.0233i
4.5	-0.0095+0.0019i	-0.7320-0.1007i	-0.0239+0.0035i	-0.0124+0.0060i	-0.7115-0.0981i	0.0293-0.0039i	-0.3870-0.1253i
4.6	-0.0100-0.0029i	-0.7270-0.1152i	-0.0238+0.0029i	-0.0130+0.0073i	-0.7074-0.1127i	0.0287-0.0008i	-0.3800-0.0553i
4.7	-0.0089-0.0071i	-0.7284-0.1090i	-0.0239+0.0018i	-0.0085+0.0046i	-0.7118-0.1055i	0.0308-0.0014i	-0.3390-0.1459i
4.8	-0.0120-0.0009i	-0.7277-0.0687i	-0.0231-0.0018i	-0.0073+0.0038i	-0.7105-0.0655i	0.0346-0.0059i	-0.4450-0.1062i
4.9	-0.0104-0.0007i	-0.7140-0.0777i	-0.0217-0.0004i	-0.0092+0.0011i	-0.6970-0.0722i	0.0346-0.0039i	-0.3949+0.1112i
5.0	-0.0112+0.0024i	-0.7137-0.0823i	-0.0249+0.0015i	-0.0099+0.0049i	-0.6995-0.0768i	0.0364-0.0039i	-0.3504+0.0533i
5.1	-0.0100+0.0019i	-0.7044-0.0923i	-0.0292+0.0048i	-0.0094+0.0077i	-0.6879-0.0913i	0.0354-0.0017i	-0.5041+0.0576i
5.2	-0.0098+0.0001i	-0.6901-0.0995i	-0.0296+0.0051i	-0.0101+0.0069i	-0.6746-0.0981i	0.0400-0.0016i	-0.5415+0.0875i
5.3	-0.0115+0.0012i	-0.6896-0.1023i	-0.0315+0.0040i	-0.0110+0.0060i	-0.6753-0.0992i	0.0478+0.0004i	-0.3122-0.1509i
5.4	-0.0096-0.0011i	-0.6734-0.0992i	-0.0356+0.0011i	-0.0093+0.0054i	-0.6575-0.0951i	0.0479+0.0037i	-0.0957-0.1862i
5.5	-0.0074-0.0003i	-0.6738-0.1027i	-0.0349+0.0057i	-0.0076+0.0048i	-0.6586-0.0998i	0.0505+0.0097i	-0.1847-0.0184i
5.6	-0.0036+0.0024i	-0.6822-0.1197i	-0.0297+0.0092i	-0.0038+0.0063i	-0.6649-0.1150i	0.0651+0.0093i	-0.4058+0.0961i

5.7	-0.0052+0.0014i	-0.6870-0.1256i	-0.0339+0.0073i	-0.0042+0.0024i	-0.6703-0.1224i	0.0664+0.0032i	-0.2263+0.0924i
5.8	-0.0060+0.0036i	-0.6959-0.1228i	-0.0293+0.0086i	-0.0065+0.0033i	-0.6792-0.1209i	0.0742+0.0091i	-0.2193-0.0305i
5.9	-0.0038+0.0029i	-0.7010-0.1326i	-0.0303+0.0112i	-0.0053+0.0003i	-0.6857-0.1300i	0.0757+0.0016i	-0.3072-0.0681i
6.0	-0.0074-0.0026i	-0.7517-0.1353i	-0.0309+0.0187i	-0.0066-0.0043i	-0.7344-0.1300i	0.0746+0.0146i	-0.2714-0.1254i
6.1	-0.0030-0.0046i	-0.7531-0.1406i	-0.0168+0.0149i	-0.0012-0.0036i	-0.7334-0.1331i	0.0918+0.0134i	-0.1778-0.0752i
6.2	-0.0035-0.0052i	-0.7644-0.1118i	-0.0064+0.0119i	-0.0040-0.0052i	-0.7409-0.1055i	0.1055+0.0112i	-0.1811+0.0748i
6.3	-0.0020-0.0038i	-0.7475-0.0760i	0.0058+0.0082i	-0.0055-0.0044i	-0.7222-0.0723i	0.1289+0.0154i	-0.2787+0.0222i
6.4	-0.0039-0.0079i	-0.7611-0.1009i	0.0176+0.0029i	-0.0086-0.0075i	-0.7403-0.0954i	0.1477+0.0025i	-0.0519-0.0384i
6.5	-0.0034-0.0070i	-0.7543-0.1027i	0.0127-0.0146i	-0.0095-0.0085i	-0.7357-0.0972i	0.1470-0.0053i	-0.0653+0.0427i
6.6	-0.0050-0.0066i	-0.7759-0.0976i	0.0288-0.0138i	-0.0076-0.0107i	-0.7525-0.0897i	0.1675+0.0003i	-0.1088-0.0687i
6.7	-0.0086-0.0082i	-0.7684-0.1147i	0.0454-0.0016i	-0.0061-0.0061i	-0.7490-0.1093i	0.1918+0.0004i	0.0832+0.0028i
6.8	-0.0097-0.0090i	-0.7637-0.0826i	0.0656-0.0229i	-0.0087-0.0058i	-0.7412-0.0824i	0.2134-0.0168i	0.0574+0.0667i
6.9	-0.0097-0.0059i	-0.7683-0.0445i	0.1084-0.0603i	-0.0129-0.0084i	-0.7392-0.0429i	0.2597-0.0455i	-0.1718+0.0126i
7.0	-0.0115-0.0091i	-0.7795-0.0526i	0.2133-0.1361i	-0.0161-0.0083i	-0.7543-0.0493i	0.3667-0.1198i	-0.3378-0.0660i
7.1	-0.0154-0.0108i	-0.7840-0.0626i	0.2316-0.3024i	-0.0228-0.0058i	-0.7581-0.0622i	0.3922-0.2769i	-0.3240-0.0677i
7.2	-0.0185-0.0084i	-0.7808-0.0588i	-0.0185-0.5454i	-0.0206+0.0009i	-0.7534-0.0594i	0.1680-0.5061i	-0.2669+0.0717i
7.3	-0.0212-0.0052i	-0.7730-0.0624i	-0.2588-0.4815i	-0.0122+0.0039i	-0.7491-0.0610i	-0.0421-0.4466i	-0.0181-0.0454i
7.4	-0.0153-0.0033i	-0.7583-0.0575i	-0.3469-0.2905i	-0.0013+0.0010i	-0.7367-0.0571i	-0.1186-0.2685i	0.2019-0.1041i
7.5	-0.0148-0.0022i	-0.7720-0.0527i	-0.3384-0.1757i	-0.0008-0.0013i	-0.7467-0.0535i	-0.1020-0.1596i	0.0933-0.0878i
7.6	-0.0173-0.0022i	-0.7814-0.0774i	-0.3152-0.0763i	-0.0040-0.0025i	-0.7505-0.0772i	-0.0772-0.0693i	0.1287-0.1346i
7.7	-0.0162-0.0028i	-0.7750-0.0805i	-0.2748-0.0517i	-0.0038-0.0028i	-0.7467-0.0747i	-0.0349-0.0468i	0.2046-0.1480i
7.8	-0.0133-0.0007i	-0.7862-0.0512i	-0.2489-0.0507i	-0.0055-0.0023i	-0.7597-0.0522i	0.0072-0.0368i	-0.0040-0.1223i
7.9	-0.0121-0.0023i	-0.7931-0.0638i	-0.2413-0.0540i	-0.0047-0.0066i	-0.7638-0.0625i	0.0262-0.0406i	0.2104-0.0503i
8.0	-0.0128-0.0044i	-0.8090-0.0695i	-0.2393-0.0674i	-0.0059-0.0052i	-0.7783-0.0642i	0.0321-0.0489i	0.3635-0.0265i
8.1	-0.0130-0.0057i	-0.8221-0.0651i	-0.2333-0.0643i	-0.0049-0.0025i	-0.7879-0.0646i	0.0444-0.0509i	0.1764-0.0213i
8.2	-0.0140-0.0088i	-0.8281-0.0734i	-0.2403-0.0716i	-0.0068-0.0055i	-0.7974-0.0728i	0.0455-0.0689i	0.2160-0.0817i
8.3	-0.0131-0.0107i	-0.8378-0.0733i	-0.2404-0.0689i	-0.0063-0.0118i	-0.8065-0.0704i	0.0656-0.0711i	0.3862-0.0080i
8.4	-0.0119-0.0076i	-0.8473-0.0670i	-0.2480-0.0534i	-0.0048-0.0098i	-0.8116-0.0654i	0.0667-0.0493i	0.4551+0.1564i
8.5	-0.0152-0.0100i	-0.8522-0.0695i	-0.2549-0.0530i	-0.0042-0.0095i	-0.8153-0.0714i	0.0665-0.0486i	0.2007+0.0437i
8.6	-0.0146-0.0165i	-0.8588-0.0684i	-0.2467-0.0538i	-0.0033-0.0113i	-0.8213-0.0664i	0.0924-0.0461i	0.1809-0.1664i
8.7	-0.0171-0.0165i	-0.8651-0.0706i	-0.2432-0.0536i	-0.0042-0.0095i	-0.8268-0.0693i	0.1048-0.0484i	0.2319-0.1128i
8.8	-0.0172-0.0196i	-0.8738-0.0673i	-0.2393-0.0659i	-0.0024-0.0107i	-0.8373-0.0649i	0.1141-0.0586i	0.2514+0.0324i
8.9	-0.0163-0.0243i	-0.8856-0.0691i	-0.2385-0.0717i	-0.0012-0.0147i	-0.8460-0.0691i	0.1339-0.0606i	0.5233-0.0076i
9.0	-0.0238-0.0282i	-0.8878-0.0786i	-0.2472-0.0816i	-0.0059-0.0195i	-0.8507-0.0764i	0.1378-0.0676i	0.7711+0.0117i
9.1	-0.0308-0.0372i	-0.8957-0.0733i	-0.2615-0.1042i	-0.0084-0.0215i	-0.8516-0.0713i	0.1462-0.0967i	0.6949+0.1705i
9.2	-0.0397-0.0423i	-0.8984-0.0837i	-0.2604-0.1188i	-0.0117-0.0189i	-0.8527-0.0823i	0.1583-0.1093i	0.6774-0.0676i
9.3	-0.0537-0.0427i	-0.8999-0.0843i	-0.2856-0.1694i	-0.0168-0.0175i	-0.8559-0.0844i	0.1461-0.1503i	0.8027-0.0579i
9.4	-0.0623-0.0332i	-0.9095-0.0847i	-0.3574-0.1881i	-0.0200-0.0084i	-0.8632-0.0806i	0.1089-0.1615i	0.6872-0.0295i
9.5	-0.0667-0.0249i	-0.9304-0.0885i	-0.4072-0.1619i	-0.0112-0.0082i	-0.8860-0.0876i	0.0846-0.1459i	0.5766-0.0298i
9.6	-0.0713-0.0206i	-0.9483-0.0989i	-0.4395-0.1175i	-0.0033-0.0115i	-0.8984-0.1003i	0.0766-0.1103i	0.8448+0.2188i
9.7	-0.0737-0.0137i	-0.9595-0.0987i	-0.4629-0.0974i	0.0006-0.0157i	-0.9028-0.1002i	0.0779-0.0988i	1.2761-0.0424i
9.8	-0.0768-0.0165i	-0.9820-0.1065i	-0.4761-0.0869i	-0.0008-0.0214i	-0.9212-0.1108i	0.0994-0.0959i	1.2140-0.0815i
9.9	-0.0879-0.0146i	-1.0120-0.1149i	-0.4784-0.0630i	-0.0051-0.0313i	-0.9451-0.1199i	0.1246-0.0759i	0.9074-0.0736i
10.0	-0.0964-0.0109i	-1.0372-0.1146i	-0.5015-0.0393i	-0.0115-0.0332i	-0.9665-0.1213i	0.1312-0.0663i	0.8849-0.3688i
10.1	-0.0974-0.0041i	-1.0558-0.1132i	-0.5074-0.0248i	-0.0093-0.0333i	-0.9810-0.1237i	0.1516-0.0675i	0.9033-0.3562i
10.2	-0.0972+0.0021i	-1.0693-0.1117i	-0.5095-0.0035i	-0.0109-0.0343i	-0.9907-0.1279i	0.1622-0.0627i	0.9332-0.1653i
10.3	-0.1010+0.0065i	-1.0915-0.1158i	-0.5193+0.0043i	-0.0162-0.0352i	-1.0100-0.1419i	0.1796-0.0756i	1.1587-0.1646i
10.4	-0.1042+0.0158i	-1.1112-0.1196i	-0.5287+0.0080i	-0.0233-0.0354i	-1.0327-0.1467i	0.1860-0.0909i	1.0870-0.1246i
10.5	-0.1108+0.0259i	-1.1369-0.1230i	-0.5350+0.0154i	-0.0333-0.0293i	-1.0596-0.1588i	0.1903-0.0980i	0.8594-0.2325i
10.6	-0.1108+0.0375i	-1.1701-0.1436i	-0.5505+0.0261i	-0.0304-0.0238i	-1.0944-0.1850i	0.2028-0.1098i	0.8657-0.4606i
10.7	-0.1080+0.0490i	-1.1961-0.1356i	-0.5615+0.0376i	-0.0332-0.0239i	-1.1226-0.1825i	0.1990-0.1227i	0.9062-0.4239i
10.8	-0.1041+0.0609i	-1.2429-0.1219i	-0.5658+0.0560i	-0.0344-0.0159i	-1.1776-0.1827i	0.1902-0.1191i	0.9827-0.4313i
10.9	-0.0946+0.0599i	-1.2791-0.1236i	-0.5667+0.0600i	-0.0299-0.0099i	-1.2215-0.1836i	0.1980-0.1110i	0.9645-0.4404i
11.0	-0.0898+0.0660i	-1.3122-0.1144i	-0.5740+0.0606i	-0.0226-0.0121i	-1.2583-0.1740i	0.1994-0.1168i	1.0167-0.4813i
11.1	-0.0867+0.0785i	-1.3597-0.1098i	-0.5908+0.0634i	-0.0176-0.0150i	-1.3092-0.1684i	0.2032-0.1290i	1.2636-0.4143i
11.2	-0.0784+0.0715i	-1.3803-0.0941i	-0.6021+0.0643i	-0.0218-0.0108i	-1.3384-0.1499i	0.2032-0.1348i	1.3838-0.3470i
11.3	-0.0713+0.0727i	-1.4101-0.0694i	-0.6165+0.0664i	-0.0168-0.0115i	-1.3755-0.1202i	0.2104-0.1180i	1.3862-0.4922i
11.4	-0.0717+0.0642i	-1.4391-0.0722i	-0.6349+0.0648i	-0.0136-0.0081i	-1.4038-0.1144i	0.2172-0.1029i	1.4875-0.4030i
11.5	-0.0740+0.0668i	-1.4850-0.0585i	-0.6500+0.0673i	-0.0102-0.0138i	-1.4511-0.0974i	0.2325-0.0998i	1.5261-0.5850i
11.6	-0.0692+0.0645i	-1.5188-0.0317i	-0.6639+0.0686i	-0.0076-0.0186i	-1.4830-0.0740i	0.2432-0.0980i	1.5602-0.4563i
11.7	-0.0767+0.0627i	-1.5744-0.0028i	-0.6965+0.0685i	-0.0024-0.0188i	-1.5293-0.0429i	0.2507-0.0866i	1.7807-0.7302i
11.8	-0.0796+0.0597i	-1.6076+0.0050i	-0.7265+0.0603i	-0.0001-0.0229i	-1.5669-0.0298i	0.2679-0.0807i	1.7051-0.6815i
11.9	-0.0802+0.0572i	-1.6405+0.0151i	-0.7576+0.0601i	0.0005-0.0223i	-1.5981-0.0133i	0.2805-0.0724i	1.6661-0.2183i

12.0	-0.0932+0.0579i	-1.6881+0.0446i	-0.7904+0.0691i	0.0008-0.0264i	-1.6442+0.0145i	0.3003-0.0666i	1.6019-0.4099i
12.1	-0.1038+0.0604i	-1.7588+0.0740i	-0.8292+0.0748i	0.0050-0.0316i	-1.7168+0.0433i	0.3200-0.0710i	1.7229-0.4922i
12.2	-0.1120+0.0731i	-1.8124+0.1142i	-0.8758+0.0878i	0.0117-0.0368i	-1.7644+0.0857i	0.3493-0.0719i	1.7766-0.3240i
12.3	-0.1208+0.0770i	-1.8533+0.1496i	-0.9140+0.0894i	0.0109-0.0439i	-1.7968+0.1198i	0.3737-0.0662i	2.2401-0.6956i
12.4	-0.1311+0.0863i	-1.9238+0.2017i	-0.9675+0.0996i	0.0178-0.0598i	-1.8523+0.1666i	0.3951-0.0613i	2.6210-0.6395i
12.5	-0.1445+0.1053i	-1.9859+0.2657i	-1.0121+0.1182i	0.0226-0.0699i	-1.9149+0.2329i	0.4207-0.0656i	2.6357-0.3785i
12.6	-0.1653+0.1313i	-2.0408+0.3246i	-1.0683+0.1342i	0.0246-0.0891i	-1.9613+0.2845i	0.4630-0.0613i	2.8918-0.4426i
12.7	-0.1667+0.1653i	-2.0770+0.4177i	-1.1167+0.1756i	0.0230-0.1108i	-1.9922+0.3623i	0.5014-0.0703i	2.8502-0.7797i
12.8	-0.1507+0.2100i	-2.0848+0.5460i	-1.1575+0.2201i	0.0054-0.1309i	-1.9950+0.4734i	0.5216-0.0894i	3.0462-0.9846i
12.9	-0.1216+0.2493i	-2.0549+0.6577i	-1.1919+0.2648i	-0.0192-0.1504i	-1.9683+0.5779i	0.5403-0.1079i	3.0806-1.0672i
13.0	-0.0694+0.2790i	-1.9745+0.7422i	-1.2289+0.2900i	-0.0529-0.1705i	-1.9097+0.6526i	0.5638-0.1231i	3.0587-1.0401i
13.1	-0.0070+0.2764i	-1.8742+0.7376i	-1.2605+0.2933i	-0.0905-0.1684i	-1.8254+0.6451i	0.5881-0.1273i	3.0575-1.0483i
13.2	0.0337+0.2534i	-1.8238+0.6846i	-1.3156+0.3074i	-0.1222-0.1511i	-1.7837+0.5944i	0.6147-0.1359i	3.1482-1.0467i
13.3	0.0577+0.2252i	-1.8365+0.6511i	-1.3980+0.3262i	-0.1393-0.1367i	-1.8098+0.5679i	0.6500-0.1396i	3.4650-1.2214i
13.4	0.0653+0.1888i	-1.8821+0.6086i	-1.4865+0.3589i	-0.1490-0.1250i	-1.8533+0.5393i	0.6731-0.1513i	3.6620-1.1618i
13.5	0.0693+0.1586i	-1.9106+0.5667i	-1.5833+0.3934i	-0.1608-0.1144i	-1.8812+0.5074i	0.7023-0.1579i	3.5630-1.1356i
13.6	0.0666+0.1306i	-1.9825+0.5127i	-1.6876+0.4447i	-0.1712-0.0992i	-1.9458+0.4553i	0.7540-0.1432i	3.8529-1.2229i
13.7	0.0535+0.1043i	-2.1304+0.4759i	-1.8163+0.5521i	-0.1759-0.0856i	-2.0860+0.4237i	0.8174-0.1371i	4.2492-1.4289i
13.8	0.0305+0.0853i	-2.2558+0.4283i	-1.9117+0.6449i	-0.1848-0.0731i	-2.2163+0.3812i	0.8857-0.1219i	4.4756-1.4681i
13.9	0.0013+0.0761i	-2.3918+0.4568i	-1.9549+0.7189i	-0.1965-0.0615i	-2.3529+0.4082i	0.9650-0.1354i	4.8199-1.5445i
14.0	-0.0152+0.0790i	-2.5289+0.5698i	-2.0593+0.8434i	-0.2094-0.0515i	-2.4791+0.5285i	1.0459-0.1738i	5.4583-1.4713i
14.1	-0.0231+0.0931i	-2.6354+0.6567i	-2.1415+0.9620i	-0.2222-0.0346i	-2.5666+0.6182i	1.1391-0.2113i	5.6580-1.6596i
14.2	-0.0321+0.1057i	-2.7778+0.7151i	-2.2624+1.1004i	-0.2340-0.0157i	-2.6983+0.6794i	1.2665-0.2540i	6.1247-2.2065i
14.3	-0.0382+0.1198i	-2.9099+0.8028i	-2.3873+1.2579i	-0.2462+0.0013i	-2.8202+0.7663i	1.3549-0.3180i	6.6339-2.6256i
14.4	-0.0487+0.1274i	-3.0546+0.9074i	-2.4976+1.4562i	-0.2456+0.0247i	-2.9572+0.8661i	1.4436-0.4008i	7.0756-3.1514i
14.5	-0.0616+0.1362i	-3.1997+1.0426i	-2.5984+1.7000i	-0.2515+0.0507i	-3.0944+0.9838i	1.5247-0.4777i	7.4486-3.4430i
14.6	-0.0771+0.1645i	-3.4069+1.2330i	-2.7313+2.1122i	-0.2609+0.0862i	-3.2925+1.1665i	1.6499-0.5671i	7.9332-3.8495i
14.7	-0.0723+0.1982i	-3.5210+1.4647i	-2.6769+2.5579i	-0.2485+0.1270i	-3.4005+1.3862i	1.7607-0.6540i	8.3584-4.5357i
14.8	-0.0347+0.2196i	-3.5191+1.6680i	-2.2006+2.8877i	-0.1936+0.1667i	-3.3997+1.5795i	1.8687-0.7731i	7.7952-5.4254i
14.9	0.0062+0.2137i	-3.5124+1.7318i	-1.7488+2.8629i	-0.1378+0.1670i	-3.3937+1.6419i	1.9811-0.8164i	7.4252-6.0026i
15.0	0.0151+0.1797i	-3.6334+1.6253i	-1.5860+2.4835i	-0.0976+0.1271i	-3.4948+1.5526i	2.1747-0.8529i	8.2769-5.1273i
15.1	0.0090+0.1389i	-4.0703+1.4804i	-1.8206+2.0696i	-0.0936+0.0845i	-3.9101+1.4234i	2.5375-0.9342i	9.2468-4.4692i
15.2	-0.0044+0.1085i	-4.7118+1.6928i	-2.3884+2.0098i	-0.1129+0.0383i	-4.5315+1.6257i	2.9500-1.2425i	11.2286-5.6416i
15.3	-0.0408+0.0890i	-5.3587+2.0591i	-3.0274+2.1991i	-0.1479+0.0104i	-5.1534+1.9770i	3.3193-1.6187i	12.7581-6.8410i
15.4	-0.1155+0.0830i	-6.4090+2.8405i	-4.0398+2.7191i	-0.2203-0.0020i	-6.1243+2.7369i	3.9492-2.3680i	15.4573-9.2529i
15.5	-0.2004+0.0845i	-7.1665+3.8138i	-4.7654+3.5143i	-0.2869-0.0058i	-6.8372+3.6719i	4.3243-3.1912i	18.0339-12.4341i
15.6	-0.2986+0.1328i	-7.9182+5.5008i	-5.4793+4.9983i	-0.3742+0.0332i	-7.5429+5.2823i	4.6158-4.4818i	20.1127-17.6834i
15.7	-0.4008+0.2813i	-7.7024+8.7311i	-5.3557+7.9080i	-0.4822+0.1292i	-7.2936+8.3540i	3.9982-6.8070i	18.9965-27.7683i
15.8	-0.4150+0.4694i	-5.3529+11.3906i	-3.2554+10.2840i	-0.5320+0.3042i	-5.0482+10.8585i	1.8859-8.4824i	11.5803-34.8853i
15.9	-0.3342+0.6972i	-1.1935+12.5459i	0.5351+11.4522i	-0.4919+0.5239i	-1.0923+11.9152i	-1.4655-8.7892i	-0.9837-36.7694i
16.0	-0.1722+0.8454i	2.0038+11.5888i	3.4713+10.6300i	-0.3528+0.6824i	1.9483+10.9645i	-3.7543-7.5650i	-10.5929-33.6176i
16.1	0.0722+0.8991i	3.6075+9.4431i	5.1170+8.6164i	-0.1250+0.7473i	3.4470+8.8902i	-4.6783-5.5494i	-15.1709-26.7486i
16.2	0.2217+0.8780i	4.2351+7.6531i	5.9103+6.9468i	0.0294+0.7467i	4.0187+7.1763i	-4.9620-3.9547i	-17.0124-21.0433i
16.3	0.3172+0.8255i	4.0973+6.4824i	5.9701+5.7494i	0.1218+0.7106i	3.8726+6.0589i	-4.6842-2.9140i	-16.6735-17.2550i
16.4	0.4185+0.8022i	3.7866+5.5680i	5.8618+4.6976i	0.2171+0.6930i	3.5616+5.1909i	-4.1967-2.0309i	-15.4350-14.3925i
16.5	0.5015+0.7933i	3.5251+5.1519i	5.6924+4.0861i	0.3056+0.6894i	3.2890+4.7938i	-3.7807-1.5637i	-14.5994-12.7397i
16.6	0.6733+0.7859i	3.4083+4.8075i	5.7588+3.4294i	0.4724+0.6867i	3.1596+4.4711i	-3.2845-1.0647i	-13.9567-11.4582i
16.7	0.8316+0.6949i	3.4454+4.7594i	5.6671+2.9295i	0.6260+0.5932i	3.1854+4.4366i	-2.8704-1.0453i	-13.6039-11.0149i
16.8	1.0146+0.5459i	3.8174+4.5901i	5.6694+2.3564i	0.7949+0.4244i	3.5193+4.2969i	-2.6184-1.0594i	-14.1779-10.4695i
16.9	1.0783+0.3697i	4.0956+3.8041i	5.5335+1.7451i	0.8452+0.2530i	3.7818+3.5729i	-2.6648-0.8256i	-14.4242-8.3798i
17.0	1.1240+0.2023i	3.8887+3.5276i	5.3135+1.3977i	0.8902+0.0990i	3.5922+3.3185i	-2.4295-0.7078i	-13.4936-7.3470i
17.1	1.1844-0.0999i	3.8665+3.3248i	5.2149+0.9892i	0.9292-0.1955i	3.5681+3.1397i	-2.0208-0.6967i	-13.1199-6.8470i
17.2	0.9528-0.5251i	4.1040+2.9279i	5.0617+0.3765i	0.6742-0.6017i	3.8069+2.7843i	-1.9297-1.1963i	-13.5477-6.0777i
17.3	0.5719-0.5836i	4.0827+2.3991i	4.6422-0.0381i	0.2918-0.6274i	3.8093+2.2824i	-2.2791-1.3247i	-13.3943-4.8341i
17.4	0.4391-0.4714i	3.8164+2.0727i	4.2952-0.2295i	0.1755-0.5030i	3.5584+1.9611i	-2.4220-1.1335i	-12.7858-4.0391i
17.5	0.3330-0.4343i	3.5820+1.8424i	3.9823-0.4206i	0.0799-0.4552i	3.3399+1.7365i	-2.5268-0.9697i	-12.2603-3.3861i
17.6	0.2274-0.3774i	3.4113+1.7035i	3.7047-0.5109i	-0.0221-0.3840i	3.1744+1.5978i	-2.6205-0.7570i	-11.9051-3.0056i
17.7	0.1816-0.2682i	3.2372+1.6029i	3.4773-0.5341i	-0.0646-0.2673i	3.0099+1.4965i	-2.5985-0.5074i	-11.3577-2.5811i
17.8	0.1798-0.2056i	3.1144+1.5558i	3.3296-0.6296i	-0.0572-0.2054i	2.8905+1.4515i	-2.5317-0.3193i	-10.9549-2.2261i
17.9	0.1668-0.1606i	3.0318+1.5216i	3.0530-0.7810i	-0.0595-0.1578i	2.8088+1.4192i	-2.4387-0.1184i	-10.5864-2.0417i
18.0	0.1690-0.1090i	3.0445+1.4581i	2.7420-0.7945i	-0.0493-0.1001i	2.8147+1.3577i	-2.3121+0.0642i	-10.2444-1.8010i
18.1	0.2023-0.0759i	3.0098+1.3422i	2.5618-0.6895i	-0.0103-0.0649i	2.7784+1.2458i	-2.1285+0.1806i	-9.7632-1.6680i
18.2	0.2469-0.0570i	3.0124+1.2240i	2.4677-0.6378i	0.0374-0.0472i	2.7760+1.1319i	-1.9758+0.3007i	-9.4260-1.3454i

18.3	0.2815-0.0633i	2.9792+1.1005i	2.4029-0.6080i	0.0772-0.0545i	2.7414+1.0137i	-1.7972+0.3637i	-9.2547-0.9236i
18.4	0.3018-0.1062i	2.8876+1.0108i	2.3693-0.5899i	0.0925-0.0993i	2.6453+0.9292i	-1.6204+0.3002i	-8.9538-0.7390i
18.5	0.3148-0.1848i	2.7916+0.9293i	2.4305-0.7207i	0.0966-0.1792i	2.5496+0.8628i	-1.4769+0.1942i	-8.6629-0.5389i
18.6	0.2406-0.2702i	2.7327+0.8728i	2.3203-1.0098i	0.0165-0.2541i	2.4959+0.8241i	-1.4526+0.0741i	-8.6971-0.4901i
18.7	0.1259-0.2045i	2.6867+0.8521i	1.8837-1.0677i	-0.0901-0.1756i	2.4591+0.8014i	-1.5415+0.1386i	-8.3175-0.5244i
18.8	0.1296-0.1427i	2.6616+0.8071i	1.6810-0.9530i	-0.0767-0.1119i	2.4311+0.7568i	-1.4589+0.2590i	-8.0373-0.2928i
18.9	0.1468-0.1214i	2.6452+0.7523i	1.5690-0.8638i	-0.0543-0.0925i	2.4129+0.7052i	-1.3341+0.2781i	-7.8252-0.2069i
19.0	0.1540-0.1234i	2.6473+0.6908i	1.4277-0.7921i	-0.0474-0.0942i	2.4076+0.6481i	-1.2366+0.2245i	-7.7072-0.1029i
19.1	0.1452-0.1165i	2.6083+0.6308i	1.3352-0.6741i	-0.0547-0.0882i	2.3698+0.5969i	-1.2001+0.1448i	-7.3678-0.0731i
19.2	0.1461-0.1065i	2.5801+0.5745i	1.2940-0.5699i	-0.0498-0.0801i	2.3456+0.5466i	-1.1848+0.1050i	-7.2318-0.1410i
19.3	0.1543-0.0988i	2.5541+0.5265i	1.2832-0.4831i	-0.0496-0.0755i	2.3155+0.4994i	-1.1827+0.0916i	-7.1233-0.1846i
19.4	0.1541-0.1008i	2.5300+0.4876i	1.2745-0.4190i	-0.0564-0.0769i	2.2900+0.4700i	-1.1959+0.0824i	-7.0517-0.1075i
19.5	0.1506-0.1040i	2.5323+0.4510i	1.2439-0.3989i	-0.0544-0.0772i	2.2957+0.4397i	-1.1936+0.0790i	-7.0714+0.0140i
19.6	0.1544-0.1163i	2.5730+0.4228i	1.2253-0.3810i	-0.0517-0.0839i	2.3312+0.4182i	-1.1991+0.0972i	-7.0332+0.3087i
19.7	0.1556-0.1168i	2.5768+0.3835i	1.2161-0.3486i	-0.0557-0.0742i	2.3301+0.3858i	-1.1814+0.1354i	-6.7574+0.3932i
19.8	0.1472-0.1167i	2.5999+0.3294i	1.2040-0.3203i	-0.0620-0.0631i	2.3568+0.3413i	-1.1405+0.1786i	-6.6818+0.4375i
19.9	0.1421-0.1174i	2.6469+0.2472i	1.1779-0.2990i	-0.0615-0.0609i	2.4011+0.2663i	-1.0876+0.1797i	-6.6824+0.2746i
20.0	0.1375-0.1140i	2.6742+0.1722i	1.1676-0.2788i	-0.0662-0.0609i	2.4259+0.2003i	-1.0372+0.1427i	-6.4531+0.2460i
20.1	0.1389-0.1071i	2.7113+0.1046i	1.1761-0.2524i	-0.0627-0.0550i	2.4637+0.1391i	-0.9995+0.1168i	-6.2376+0.4961i
20.2	0.1324-0.1006i	2.7163-0.0098i	1.1655-0.2317i	-0.0655-0.0432i	2.4749+0.0350i	-0.9918+0.0831i	-6.1909+0.5203i
20.3	0.1422-0.0980i	2.7457-0.0976i	1.1536-0.2305i	-0.0593-0.0442i	2.5044-0.0483i	-1.0036+0.0696i	-6.1856+0.5721i
20.4	0.1411-0.0983i	2.7846-0.2143i	1.1342-0.2133i	-0.0540-0.0423i	2.5355-0.1600i	-1.0161+0.0732i	-6.0655+0.1810i
20.5	0.1471-0.1006i	2.8051-0.3008i	1.1396-0.1863i	-0.0525-0.0460i	2.5519-0.2405i	-1.0088+0.0776i	-5.6806+0.3424i
20.6	0.1423-0.0997i	2.7879-0.4390i	1.1451-0.1756i	-0.0582-0.0470i	2.5407-0.3706i	-1.0121+0.0636i	-5.8135+0.6661i
20.7	0.1449-0.0975i	2.7545-0.5596i	1.1527-0.1579i	-0.0579-0.0462i	2.5065-0.4817i	-1.0009+0.0582i	-5.9083+0.6757i
20.8	0.1432-0.0901i	2.7403-0.6759i	1.1530-0.1500i	-0.0591-0.0392i	2.4877-0.5940i	-1.0122+0.0734i	-5.9338+0.6101i
20.9	0.1438-0.0965i	2.7057-0.8238i	1.1521-0.1555i	-0.0591-0.0332i	2.4576-0.7260i	-1.0176+0.1009i	-5.9488+0.6115i
21.0	0.1522-0.1044i	2.7388-0.9624i	1.1659-0.1577i	-0.0534-0.0342i	2.4887-0.8453i	-1.0048+0.1191i	-5.9313+0.6757i
21.1	0.1582-0.1096i	2.6747-1.1799i	1.2022-0.1679i	-0.0545-0.0386i	2.4221-1.0421i	-0.9921+0.1123i	-5.7966+0.8075i
21.2	0.1598-0.1207i	2.5790-1.3429i	1.2130-0.1793i	-0.0595-0.0408i	2.3348-1.1923i	-0.9805+0.1247i	-5.6107+0.8547i
21.3	0.1675-0.1309i	2.5673-1.6313i	1.2285-0.1896i	-0.0502-0.0444i	2.3257-1.4522i	-0.9635+0.1336i	-5.4110+1.0688i
21.4	0.1688-0.1407i	2.4320-1.8318i	1.2297-0.2070i	-0.0466-0.0495i	2.2020-1.6384i	-0.9512+0.1371i	-5.3591+1.3697i
21.5	0.1640-0.1495i	2.2246-2.0355i	1.2224-0.2339i	-0.0546-0.0555i	2.0147-1.8236i	-0.9407+0.1308i	-5.5455+1.5962i
21.6	0.1659-0.1616i	2.1311-2.1736i	1.2167-0.2857i	-0.0628-0.0579i	1.9256-1.9507i	-0.9438+0.1203i	-5.5377+1.6427i
21.7	0.1519-0.1650i	1.8321-2.1616i	1.1840-0.2917i	-0.0739-0.0487i	1.6502-1.9398i	-0.9326+0.1397i	-5.1722+1.5926i
21.8	0.1397-0.1739i	1.5019-2.2991i	1.1641-0.3038i	-0.0799-0.0504i	1.3500-2.0605i	-0.9231+0.1537i	-4.9172+1.6285i
21.9	0.1299-0.1812i	1.3379-2.3672i	1.1483-0.3215i	-0.0875-0.0529i	1.2000-2.1196i	-0.9126+0.1590i	-4.8675+1.7505i
22.0	0.1224-0.1846i	1.0533-2.3759i	1.1315-0.3419i	-0.0985-0.0489i	0.9434-2.1370i	-0.9007+0.1684i	-4.7345+1.6098i
22.1	0.1121-0.1750i	0.8099-2.2023i	1.1112-0.3410i	-0.1094-0.0338i	0.7151-1.9811i	-0.8946+0.1746i	-4.4546+1.2682i
22.2	0.1086-0.1733i	0.6858-2.0873i	1.0943-0.3411i	-0.1071-0.0236i	0.5925-1.8709i	-0.8854+0.1880i	-4.4257+1.4376i
22.3	0.1112-0.1851i	0.4201-1.9953i	1.0792-0.3525i	-0.1031-0.0199i	0.3488-1.7847i	-0.8434+0.1957i	-4.4212+1.7069i
22.4	0.1022-0.1919i	0.3660-1.8650i	1.0345-0.3911i	-0.1109-0.0186i	0.2988-1.6607i	-0.8500+0.1805i	-4.3634+1.7718i
22.5	0.0949-0.2005i	0.3955-1.8189i	0.9963-0.4049i	-0.1148-0.0040i	0.3150-1.6140i	-0.8624+0.1837i	-4.3332+1.8670i
22.6	0.1034-0.1937i	0.2828-1.7575i	1.0045-0.3585i	-0.1095+0.0027i	0.2163-1.5517i	-0.8329+0.1917i	-4.2786+1.6900i
22.7	0.1093-0.2076i	0.2563-1.7016i	1.0033-0.3533i	-0.1002+0.0075i	0.2009-1.4913i	-0.8132+0.1939i	-4.3866+1.8058i
22.8	0.0921-0.2156i	0.1182-1.7558i	0.9770-0.3586i	-0.0999+0.0100i	0.0763-1.5392i	-0.8160+0.2073i	-4.4386+1.7543i
22.9	0.0904-0.2365i	0.0808-1.8239i	0.9763-0.3882i	-0.0911+0.0156i	0.0405-1.5896i	-0.8129+0.2122i	-4.1166+1.9272i
23.0	0.0537-0.2768i	-0.0736-2.0003i	0.9352-0.4350i	-0.0852+0.0230i	-0.0895-1.7364i	-0.7855+0.2284i	-3.7704+2.3966i
23.1	0.0237-0.2755i	-0.3019-1.8584i	0.8914-0.4020i	-0.0898+0.0340i	-0.2850-1.6058i	-0.7597+0.2377i	-3.4828+2.4261i
23.2	-0.0170-0.2746i	-0.5473-1.8037i	0.8449-0.3804i	-0.0824+0.0262i	-0.4928-1.5499i	-0.7316+0.2263i	-3.0216+2.3796i
23.3	-0.0865-0.2562i	-0.8534-1.7296i	0.7768-0.3514i	-0.0726+0.0240i	-0.7510-1.4847i	-0.7064+0.2145i	-2.6100+2.2123i
23.4	-0.1074-0.2327i	-0.9470-1.5467i	0.7573-0.3145i	-0.0698+0.0302i	-0.8268-1.3275i	-0.7059+0.2135i	-2.4561+2.1631i
23.5	-0.1146-0.2144i	-0.9644-1.2902i	0.7527-0.2876i	-0.0653+0.0343i	-0.8408-1.0998i	-0.6929+0.1916i	-2.2399+1.9806i
23.6	-0.1203-0.1596i	-1.0544-1.0171i	0.7728-0.2159i	-0.0655+0.0346i	-0.9196-0.8696i	-0.6792+0.1612i	-2.2294+1.5451i
23.7	-0.0993-0.1244i	-1.0395-0.8066i	0.8133-0.1908i	-0.0539+0.0265i	-0.9045-0.6874i	-0.6679+0.1451i	-2.1530+1.2577i
23.8	-0.0996-0.1098i	-0.9899-0.6266i	0.8162-0.1859i	-0.0518+0.0194i	-0.8547-0.5326i	-0.6721+0.1259i	-2.2416+1.1421i
23.9	-0.0914-0.0945i	-0.9140-0.5040i	0.8254-0.1818i	-0.0545+0.0180i	-0.7918-0.4268i	-0.6771+0.1212i	-2.3926+1.0562i
24.0	-0.0740-0.0834i	-0.8469-0.3889i	0.8548-0.1811i	-0.0457+0.0203i	-0.7331-0.3258i	-0.6770+0.1219i	-2.3819+0.8715i
24.1	-0.0622-0.0800i	-0.7712-0.3238i	0.8687-0.1858i	-0.0444+0.0202i	-0.6643-0.2660i	-0.6890+0.1238i	-2.4629+0.8397i
24.2	-0.0564-0.0675i	-0.6977-0.2333i	0.8879-0.1791i	-0.0436+0.0111i	-0.6000-0.1866i	-0.7165+0.0973i	-2.5790+0.6472i
24.3	-0.0467-0.0656i	-0.6318-0.1518i	0.9226-0.1916i	-0.0454-0.0022i	-0.5477-0.1188i	-0.7279+0.0866i	-2.6726+0.6478i
24.4	-0.0476-0.0659i	-0.5778-0.1053i	0.9159-0.1999i	-0.0510+0.0001i	-0.5065-0.0818i	-0.7274+0.0792i	-2.7928+0.7422i
24.5	-0.0497-0.0622i	-0.5180-0.0685i	0.9123-0.2053i	-0.0565+0.0055i	-0.4472-0.0469i	-0.7470+0.0944i	-2.8454+0.9658i

24.6	-0.0398-0.0630i	-0.4609-0.0458i	0.9278-0.2289i	-0.0583-0.0142i	-0.3963-0.0238i	-0.7597+0.0947i	-2.7264+0.8891i
24.7	-0.0394-0.0699i	-0.4067-0.0197i	0.9261-0.2469i	-0.0681-0.0120i	-0.3542+0.0013i	-0.7698+0.1039i	-2.8783+0.6383i
24.8	-0.0391-0.0553i	-0.3587-0.0118i	0.9285-0.2295i	-0.0727+0.0013i	-0.3085+0.0035i	-0.7867+0.1139i	-2.8839+0.6100i
24.9	-0.0469-0.0437i	-0.3180+0.0058i	0.9380-0.2236i	-0.0829+0.0132i	-0.2723+0.0205i	-0.8112+0.1325i	-2.8883+0.6136i
25.0	-0.0538-0.0363i	-0.2613+0.0111i	0.9142-0.2262i	-0.0832+0.0234i	-0.2216+0.0264i	-0.7921+0.1505i	-2.8845+0.7260i
25.1	-0.0471-0.0316i	-0.2285+0.0086i	0.9290-0.2456i	-0.0808+0.0280i	-0.1858+0.0247i	-0.7950+0.1633i	-2.7125+0.5933i
25.2	-0.0412-0.0273i	-0.2126+0.0134i	0.9490-0.2533i	-0.0820+0.0305i	-0.1774+0.0270i	-0.8019+0.1621i	-2.8691+0.5154i
25.3	-0.0301-0.0297i	-0.1941+0.0161i	0.9764-0.2831i	-0.0747+0.0293i	-0.1696+0.0322i	-0.8029+0.1829i	-2.9366+0.6309i
25.4	-0.0172-0.0334i	-0.1775+0.0184i	0.9782-0.3000i	-0.0635+0.0255i	-0.1536+0.0333i	-0.7846+0.1915i	-2.9045+0.8875i
25.5	-0.0128-0.0286i	-0.1584+0.0354i	0.9809-0.3086i	-0.0590+0.0372i	-0.1327+0.0463i	-0.7900+0.2061i	-2.8209+0.7742i
25.6	-0.0084-0.0231i	-0.1408+0.0350i	0.9962-0.3319i	-0.0542+0.0410i	-0.1170+0.0458i	-0.7988+0.2236i	-2.7973+0.8116i
25.7	-0.0120-0.0304i	-0.1107+0.0318i	0.9874-0.3699i	-0.0558+0.0282i	-0.0981+0.0421i	-0.7886+0.2365i	-2.7913+1.0101i
25.8	-0.0102-0.0332i	-0.0901+0.0334i	0.9583-0.3842i	-0.0536+0.0247i	-0.0759+0.0436i	-0.7673+0.2336i	-2.9825+0.7777i
25.9	0.0037-0.0227i	-0.0771+0.0282i	0.9822-0.4105i	-0.0427+0.0349i	-0.0674+0.0381i	-0.7866+0.2577i	-2.8936+0.6893i
26.0	0.0122-0.0218i	-0.0750+0.0211i	1.0019-0.4300i	-0.0411+0.0306i	-0.0618+0.0318i	-0.8022+0.2667i	-3.0157+0.7243i
26.1	0.0121-0.0213i	-0.0645+0.0181i	0.9848-0.4441i	-0.0473+0.0263i	-0.0533+0.0277i	-0.8080+0.2752i	-3.0213+0.8461i
26.2	-0.0014-0.0242i	-0.0388+0.0277i	0.9817-0.4585i	-0.0550+0.0294i	-0.0327+0.0391i	-0.8159+0.2774i	-3.0735+0.7001i
26.3	0.0066-0.0218i	-0.0201+0.0273i	0.9867-0.4603i	-0.0485+0.0308i	-0.0149+0.0333i	-0.8127+0.2814i	-2.9921+0.6623i
26.4	0.0106-0.0187i	-0.0110+0.0084i	0.9905-0.4983i	-0.0437+0.0302i	-0.0040+0.0146i	-0.8160+0.3089i	-2.9547+0.7928i
26.5	0.0111-0.0224i	-0.0134-0.0003i	1.0150-0.5529i	-0.0396+0.0312i	-0.0039-0.0009i	-0.8311+0.3285i	-3.0112+0.9368i
26.6	0.0210-0.0330i	0.0008-0.0044i	0.9960-0.6249i	-0.0332+0.0303i	0.0046+0.0063i	-0.8347+0.3571i	-3.0150+1.2792i
26.7	0.0219-0.0284i	-0.0087-0.0125i	0.9433-0.6657i	-0.0289+0.0336i	-0.0001-0.0024i	-0.8367+0.3720i	-2.9503+1.1897i
26.8	0.0117-0.0298i	-0.0291-0.0073i	0.8670-0.6954i	-0.0285+0.0280i	-0.0181-0.0077i	-0.8357+0.3988i	-2.8644+1.1265i
26.9	0.0098-0.0299i	-0.0324+0.0161i	0.7982-0.7047i	-0.0346+0.0233i	-0.0275+0.0170i	-0.8355+0.4521i	-2.8718+1.3607i
27.0	0.0215-0.0324i	-0.0168+0.0506i	0.8070-0.6890i	-0.0270+0.0267i	-0.0160+0.0541i	-0.8374+0.5103i	-2.8933+1.6027i
27.1	0.0281-0.0286i	0.0036+0.0633i	0.8053-0.6775i	-0.0191+0.0194i	0.0031+0.0621i	-0.8188+0.5475i	-2.8297+1.6681i
27.2	0.0429-0.0236i	0.0314+0.0475i	0.7867-0.7248i	-0.0184+0.0235i	0.0242+0.0412i	-0.7700+0.6046i	-2.7333+1.8735i
27.3	0.0416-0.0295i	0.0512+0.0484i	0.7806-0.7712i	-0.0142+0.0243i	0.0429+0.0508i	-0.7509+0.6521i	-2.6748+2.0321i
27.4	0.0471-0.0421i	0.0790+0.0261i	0.7542-0.8218i	-0.0092+0.0061i	0.0646+0.0310i	-0.7094+0.6946i	-2.6176+2.1879i
27.5	0.0463-0.0475i	0.1005+0.0012i	0.7045-0.8542i	-0.0114-0.0024i	0.0770+0.0146i	-0.6674+0.7203i	-2.3985+2.0304i
27.6	0.0403-0.0563i	0.1214-0.0411i	0.6385-0.8962i	-0.0197-0.0068i	0.0990-0.0250i	-0.6092+0.7560i	-2.1543+2.2657i
27.7	0.0390-0.0753i	0.1337-0.0631i	0.5791-0.9472i	-0.0164-0.0120i	0.1085-0.0441i	-0.5490+0.7995i	-1.9514+2.3948i
27.8	0.0380-0.0944i	0.1105-0.0867i	0.4918-0.9899i	-0.0212-0.0168i	0.0823-0.0610i	-0.4585+0.8422i	-1.8521+2.3854i
27.9	0.0263-0.1056i	0.0958-0.1107i	0.4098-1.0189i	-0.0249-0.0213i	0.0732-0.0805i	-0.3817+0.8710i	-1.7038+2.4576i
28.0	0.0077-0.1172i	0.0533-0.1327i	0.2649-1.0200i	-0.0306-0.0290i	0.0417-0.0957i	-0.2512+0.8682i	-1.4124+2.5479i
28.1	-0.0155-0.1081i	0.0321-0.1443i	0.1297-0.9447i	-0.0375-0.0293i	0.0275-0.1028i	-0.1348+0.8120i	-0.8003+2.2851i
28.2	-0.0454-0.0965i	0.0115-0.1334i	0.0113-0.8728i	-0.0506-0.0251i	0.0114-0.0967i	-0.0375+0.7493i	-0.4276+2.3319i
28.3	-0.0579-0.0870i	-0.0048-0.1172i	-0.0515-0.7984i	-0.0604-0.0220i	-0.0005-0.0803i	0.0158+0.6806i	-0.2133+2.1512i
28.4	-0.0558-0.0677i	-0.0090-0.1002i	-0.0989-0.6758i	-0.0490-0.0163i	0.0049-0.0715i	0.0693+0.5825i	-0.1333+1.5726i
28.5	-0.0551-0.0517i	-0.0250-0.0831i	-0.0995-0.5578i	-0.0469-0.0145i	-0.0155-0.0601i	0.0767+0.4804i	-0.0667+1.2634i
28.6	-0.0577-0.0438i	-0.0299-0.0770i	-0.0995-0.4811i	-0.0490-0.0136i	-0.0218-0.0556i	0.0796+0.4167i	-0.0167+1.3134i
28.7	-0.0570-0.0381i	-0.0336-0.0637i	-0.1106-0.4094i	-0.0464-0.0125i	-0.0262-0.0423i	0.0864+0.3501i	0.0058+1.0995i
28.8	-0.0532-0.0262i	-0.0359-0.0637i	-0.0876-0.3469i	-0.0532-0.0107i	-0.0319-0.0422i	0.0691+0.2924i	0.0109+0.9835i
28.9	-0.0550-0.0218i	-0.0358-0.0529i	-0.0616-0.3018i	-0.0565-0.0118i	-0.0303-0.0410i	0.0557+0.2517i	-0.0533+0.8165i
29.0	-0.0525-0.0223i	-0.0268-0.0531i	-0.0401-0.2591i	-0.0554-0.0143i	-0.0193-0.0427i	0.0406+0.2120i	-0.2888+0.6582i
29.1	-0.0437-0.0187i	-0.0239-0.0469i	-0.0218-0.2220i	-0.0556-0.0113i	-0.0172-0.0406i	0.0205+0.1745i	-0.5708+0.5529i
29.2	-0.0380-0.0173i	-0.0206-0.0321i	0.0004-0.1896i	-0.0478-0.0104i	-0.0135-0.0279i	0.0069+0.1509i	-0.4582+0.6222i
29.3	-0.0400-0.0117i	-0.0244-0.0305i	0.0328-0.1656i	-0.0549-0.0148i	-0.0189-0.0288i	-0.0138+0.1325i	-0.3618+0.4111i
29.4	-0.0387+0.0077i	-0.0409-0.0429i	0.0531-0.1354i	-0.0601-0.0106i	-0.0347-0.0342i	-0.0387+0.1196i	-0.2430+0.2038i
29.5	-0.0361-0.0038i	-0.0203-0.0322i	0.0730-0.1164i	-0.0452-0.0071i	-0.0179-0.0344i	-0.0569+0.0970i	-0.3869+0.2528i
29.6	-0.0336-0.0051i	0.0004-0.0110i	0.0908-0.1085i	-0.0484+0.0012i	0.0000-0.0093i	-0.0727+0.0891i	-0.5113+0.1734i
29.7	-0.0394-0.0034i	-0.0083+0.0055i	0.1023-0.1026i	-0.0537+0.0052i	0.0001+0.0038i	-0.0816+0.0871i	-0.7345+0.0999i
29.8	-0.0450+0.0060i	-0.0273-0.0119i	0.1146-0.0876i	-0.0563+0.0088i	-0.0184-0.0141i	-0.0916+0.0604i	-0.8206+0.0938i
29.9	-0.0563+0.0039i	-0.0064-0.0256i	0.1117-0.0858i	-0.0590-0.0067i	-0.0005-0.0247i	-0.0952+0.0409i	-0.7606+0.2912i
30.0	-0.0409-0.0062i	-0.0066-0.0351i	0.1345-0.0654i	-0.0423-0.0229i	-0.0009-0.0295i	-0.1007+0.0318i	-0.6924+0.2513i
30.1	-0.0342-0.0010i	0.0017-0.0142i	0.1421-0.0461i	-0.0335-0.0148i	-0.0024-0.0153i	-0.1031+0.0299i	-0.6161+0.0827i
30.2	-0.0400+0.0084i	0.0172-0.0190i	0.1382-0.0342i	-0.0309-0.0137i	0.0153-0.0173i	-0.1099+0.0309i	-0.5925+0.0792i
30.3	-0.0505+0.0223i	0.0283-0.0176i	0.1361-0.0340i	-0.0379-0.0032i	0.0259-0.0176i	-0.1104+0.0192i	-0.5881+0.2595i
30.4	-0.0673+0.0196i	0.0330-0.0121i	0.1445-0.0286i	-0.0436-0.0077i	0.0351-0.0164i	-0.1116+0.0092i	-0.5831+0.3207i
30.5	-0.0663+0.0011i	0.0345-0.0051i	0.1472-0.0343i	-0.0408-0.0213i	0.0367-0.0104i	-0.1087+0.0103i	-0.5749+0.0967i
30.6	-0.0670-0.0060i	0.0342-0.0082i	0.1634-0.0334i	-0.0462-0.0340i	0.0356-0.0085i	-0.1181+0.0014i	-0.5359-0.1013i
30.7	-0.0658-0.0122i	0.0360-0.0298i	0.1683-0.0124i	-0.0354-0.0503i	0.0354-0.0253i	-0.1142-0.0083i	-0.3939-0.1659i
30.8	-0.0671+0.0060i	0.0524-0.0285i	0.1575+0.0045i	-0.0137-0.0379i	0.0483-0.0282i	-0.1086-0.0129i	-0.5257-0.2204i

30.9	-0.0679+0.0235i	0.0612-0.0271i	0.1492+0.0117i	-0.0072-0.0362i	0.0594-0.0369i	-0.0996-0.0203i	-0.5938-0.1213i
31.0	-0.0785+0.0209i	0.0675-0.0271i	0.1387+0.0248i	-0.0015-0.0420i	0.0706-0.0420i	-0.0932-0.0350i	-0.5701-0.1851i
31.1	-0.0754+0.0459i	0.0756-0.0515i	0.1235+0.0579i	0.0183-0.0380i	0.0757-0.0697i	-0.0930-0.0434i	-0.4144-0.2724i
31.2	-0.0930+0.0464i	0.0705-0.0681i	0.1416+0.0636i	0.0097-0.0673i	0.0747-0.0765i	-0.0866-0.0580i	-0.4263-0.2728i
31.3	-0.1060+0.0531i	0.0793-0.0788i	0.1375+0.0772i	0.0084-0.0764i	0.0849-0.0867i	-0.0796-0.0765i	-0.5707-0.3961i
31.4	-0.1087+0.0976i	0.1001-0.0960i	0.0981+0.1029i	0.0372-0.0754i	0.1042-0.1105i	-0.0631-0.0874i	-0.1724-0.3299i
31.5	-0.1089+0.1379i	0.0917-0.1232i	0.0944+0.1254i	0.0300-0.1053i	0.0979-0.1466i	-0.0557-0.1184i	-0.2642-0.2954i
31.6	-0.0752+0.1503i	0.0596-0.1430i	0.1234+0.1818i	-0.0042-0.1555i	0.0566-0.1748i	-0.0621-0.1731i	-0.3921-0.6672i
31.7	-0.0666+0.1561i	0.0516-0.1650i	0.1265+0.1952i	-0.0293-0.1814i	0.0389-0.1968i	-0.0537-0.1789i	-0.3472-0.7594i
31.8	-0.0474+0.1745i	0.0401-0.1770i	0.1314+0.2189i	-0.0390-0.1883i	0.0286-0.2060i	-0.0678-0.2015i	-0.3747-0.7401i
31.9	-0.0241+0.2040i	0.0180-0.2243i	0.1721+0.2835i	-0.0403-0.2160i	0.0051-0.2489i	-0.0946-0.2534i	-0.4639-0.8697i
32.0	0.0267+0.1637i	-0.0096-0.1854i	0.1735+0.2922i	-0.0767-0.2058i	-0.0403-0.2095i	-0.0915-0.2555i	-0.5840-1.0634i
32.1	0.0397+0.1582i	-0.0197-0.1713i	0.1581+0.2864i	-0.1107-0.1932i	-0.0613-0.1939i	-0.0858-0.2641i	-0.5283-1.0713i
32.2	0.0742+0.1873i	-0.0559-0.2117i	0.1985+0.3671i	-0.1311-0.2267i	-0.1143-0.2312i	-0.1086-0.3287i	-0.5301-1.1535i
32.3	0.0707+0.1972i	-0.0540-0.2200i	0.2150+0.4166i	-0.1366-0.2223i	-0.1096-0.2408i	-0.1214-0.3672i	-0.7089-1.0747i
32.4	0.1144+0.1851i	-0.0960-0.2018i	0.2266+0.4298i	-0.1848-0.2144i	-0.1573-0.2259i	-0.1400-0.3893i	-0.7170-1.0337i
32.5	0.1678+0.1687i	-0.1501-0.2128i	0.3453+0.5039i	-0.2311-0.2220i	-0.2189-0.2179i	-0.2256-0.4470i	-0.8069-1.3022i
32.6	0.1645+0.1258i	-0.1623-0.1908i	0.4123+0.5382i	-0.2512-0.1973i	-0.2251-0.1791i	-0.2724-0.4783i	-0.9231-1.4554i
32.7	0.1820+0.0829i	-0.1973-0.1476i	0.4352+0.5341i	-0.2764-0.1464i	-0.2575-0.1187i	-0.2972-0.4736i	-1.0626-1.2502i
32.8	0.1892+0.0690i	-0.1988-0.1211i	0.4864+0.5462i	-0.2732-0.1185i	-0.2604-0.0893i	-0.3426-0.4880i	-1.2290-1.2426i
32.9	0.2008+0.0436i	-0.2060-0.1180i	0.5861+0.5154i	-0.2725-0.1159i	-0.2610-0.0716i	-0.4168-0.4694i	-1.4338-1.4429i
33.0	0.1912+0.0066i	-0.1873-0.0853i	0.6256+0.4840i	-0.2595-0.1030i	-0.2315-0.0314i	-0.4503-0.4463i	-1.4850-1.3515i
33.1	0.1611-0.0076i	-0.1862-0.0686i	0.6583+0.4518i	-0.2573-0.0941i	-0.2187-0.0176i	-0.4849-0.4290i	-1.4721-1.0659i
33.2	0.1607-0.0511i	-0.2027-0.0525i	0.7125+0.4101i	-0.2677-0.1058i	-0.2227+0.0056i	-0.5267-0.4096i	-1.4404-1.0794i
33.3	0.1316-0.0639i	-0.1892-0.0550i	0.7444+0.3661i	-0.2712-0.1186i	-0.1950+0.0046i	-0.5499-0.3724i	-1.4226-0.9228i
33.4	0.1060-0.0750i	-0.1849-0.0542i	0.7572+0.3485i	-0.2698-0.1237i	-0.1767+0.0031i	-0.5649-0.3516i	-1.5170-0.7555i
33.5	0.0973-0.1084i	-0.2106-0.0298i	0.7717+0.2861i	-0.3034-0.1199i	-0.1925+0.0120i	-0.5794-0.3061i	-1.4030-0.7906i
33.6	0.0769-0.1024i	-0.2218-0.0333i	0.8237+0.2364i	-0.3399-0.1163i	-0.1997+0.0018i	-0.6175-0.2701i	-1.3198-0.8046i
33.7	0.0386-0.1133i	-0.2074-0.0113i	0.8294+0.1958i	-0.3707-0.1116i	-0.1859+0.0179i	-0.6137-0.2382i	-1.2690-0.8905i
33.8	-0.0231-0.1047i	-0.1860+0.0068i	0.8093+0.1472i	-0.4084-0.0878i	-0.1586+0.0348i	-0.5998-0.2179i	-1.3104-1.0547i
33.9	-0.0481-0.1135i	-0.1741+0.0260i	0.8135+0.1136i	-0.4378-0.0778i	-0.1393+0.0425i	-0.5932-0.2128i	-1.6542-1.1162i
34.0	-0.1077-0.0768i	-0.1489+0.0287i	0.8150+0.0313i	-0.4603-0.0112i	-0.1029+0.0294i	-0.6053-0.1585i	-1.7636-0.8000i
34.1	-0.1867+0.0024i	-0.1279+0.0180i	0.7619-0.0670i	-0.4553+0.0768i	-0.0891+0.0043i	-0.5887-0.0877i	-1.6981-0.5935i
34.2	-0.1626+0.0703i	-0.1392+0.0081i	0.6892-0.1410i	-0.4076+0.1251i	-0.1129-0.0186i	-0.5661-0.0246i	-1.5567-0.3389i
34.3	-0.1298+0.1033i	-0.1483+0.0053i	0.5786-0.1360i	-0.3668+0.1362i	-0.1310-0.0269i	-0.4950-0.0147i	-1.3338-0.1534i
34.4	-0.1214+0.1174i	-0.1446+0.0190i	0.4684-0.1555i	-0.3417+0.1516i	-0.1364-0.0189i	-0.4100+0.0113i	-0.9885+0.1422i
34.5	-0.1202+0.1296i	-0.1056+0.0191i	0.3382-0.1019i	-0.2984+0.1580i	-0.1110-0.0033i	-0.3135-0.0231i	-0.6434+0.2433i
34.6	-0.0802+0.1383i	-0.1108+0.0028i	0.3044+0.0137i	-0.2685+0.1232i	-0.1179-0.0141i	-0.2740-0.0913i	-0.5700-0.3067i
34.7	-0.0771+0.1615i	-0.1110-0.0007i	0.2759+0.0626i	-0.2731+0.1185i	-0.1138-0.0271i	-0.2458-0.1224i	-0.5592-0.3818i
34.8	-0.0719+0.2000i	-0.1038-0.0156i	0.2717+0.1711i	-0.2714+0.1096i	-0.1107-0.0410i	-0.2433-0.2051i	-0.6428-0.6205i
34.9	-0.0560+0.2194i	-0.1117-0.0248i	0.2969+0.2777i	-0.2642+0.1152i	-0.1198-0.0532i	-0.2537-0.2890i	-0.8294-0.5208i
35.0	-0.0339+0.2321i	-0.1151-0.0312i	0.3121+0.3490i	-0.2723+0.1175i	-0.1255-0.0675i	-0.2515-0.3533i	-0.6893-0.8109i
35.1	-0.0496+0.2560i	-0.1050-0.0376i	0.3066+0.3856i	-0.2896+0.1149i	-0.1159-0.0749i	-0.2346-0.3796i	-0.4904-0.8376i
35.2	-0.0215+0.2539i	-0.1095-0.0385i	0.3779+0.3992i	-0.2762+0.1153i	-0.1306-0.0742i	-0.2922-0.3911i	-0.5476-0.8118i
35.3	0.0024+0.2493i	-0.1281-0.0529i	0.4246+0.4451i	-0.2653+0.1112i	-0.1488-0.0889i	-0.3246-0.4221i	-0.5237-0.8809i
35.4	0.0348+0.2880i	-0.1423-0.0472i	0.4998+0.4699i	-0.2630+0.1417i	-0.1696-0.0822i	-0.3858-0.4556i	-0.9046-1.1288i
35.5	0.0139+0.3002i	-0.1456-0.0396i	0.5285+0.4560i	-0.2949+0.1637i	-0.1709-0.0741i	-0.4008-0.4514i	-0.8174-1.1516i
35.6	0.0444+0.2996i	-0.1417-0.0407i	0.5641+0.4730i	-0.2769+0.1489i	-0.1832-0.0704i	-0.4257-0.4573i	-0.7277-1.2285i
35.7	0.0625+0.2763i	-0.1606-0.0331i	0.6474+0.4170i	-0.2878+0.1477i	-0.2021-0.0559i	-0.4854-0.4262i	-0.7590-1.1976i
35.8	0.0987+0.2748i	-0.1732-0.0333i	0.6672+0.4091i	-0.2676+0.1484i	-0.2111-0.0576i	-0.5080-0.4243i	-0.7593-1.0298i
35.9	0.1197+0.2663i	-0.1760-0.0316i	0.7027+0.4114i	-0.2601+0.1487i	-0.2097-0.0446i	-0.5327-0.4390i	-0.8791-1.0647i
36.0	0.1315+0.2547i	-0.1712-0.0294i	0.7246+0.3789i	-0.2631+0.1561i	-0.2111-0.0366i	-0.5526-0.4207i	-0.8245-1.2175i
36.1	0.1206+0.2580i	-0.1751-0.0168i	0.7171+0.3321i	-0.2717+0.1785i	-0.2120-0.0226i	-0.5448-0.3827i	-0.9556-1.2454i
36.2	0.1252+0.2892i	-0.1871-0.0079i	0.7151+0.3210i	-0.2643+0.2084i	-0.2186-0.0152i	-0.5475-0.3854i	-0.9931-1.0487i
36.3	0.1657+0.2860i	-0.1839-0.0175i	0.7182+0.3051i	-0.2325+0.2168i	-0.2191-0.0205i	-0.5656-0.3754i	-0.9079-0.9920i
36.4	0.1630+0.2843i	-0.1717-0.0303i	0.6745+0.2892i	-0.2302+0.2117i	-0.2031-0.0312i	-0.5292-0.3711i	-0.7828-1.1037i
36.5	0.1664+0.2927i	-0.1744-0.0251i	0.6834+0.2969i	-0.2388+0.2154i	-0.1981-0.0262i	-0.5355-0.3897i	-0.7482-1.2247i
36.6	0.2054+0.3139i	-0.1781-0.0137i	0.6677+0.2990i	-0.2107+0.2509i	-0.2116-0.0084i	-0.5393-0.4021i	-0.8704-1.2298i
36.7	0.2202+0.3038i	-0.1831-0.0029i	0.6366+0.3180i	-0.1964+0.2438i	-0.2148-0.0015i	-0.5194-0.4207i	-0.9490-1.2233i
36.8	0.2532+0.2911i	-0.1755-0.0031i	0.6513+0.3415i	-0.1654+0.2291i	-0.2047-0.0108i	-0.5419-0.4467i	-1.0049-1.2628i
36.9	0.2613+0.2852i	-0.1840-0.0080i	0.6564+0.3474i	-0.1667+0.2273i	-0.2071-0.0258i	-0.5638-0.4340i	-1.0125-1.2505i
37.0	0.2489+0.2796i	-0.1994-0.0285i	0.6602+0.3403i	-0.1852+0.2181i	-0.2231-0.0372i	-0.5680-0.4247i	-0.9658-1.5083i
37.1	0.2653+0.2791i	-0.1998-0.0287i	0.6680+0.3484i	-0.1757+0.2091i	-0.2339-0.0421i	-0.5854-0.4188i	-1.0566-1.6346i

37.2	0.2949+0.2766i	-0.2000-0.0149i	0.6807+0.3503i	-0.1526+0.2261i	-0.2361-0.0355i	-0.5972-0.4279i	-1.3324-1.6848i
37.3	0.3064+0.2320i	-0.2087-0.0215i	0.6671+0.3790i	-0.1534+0.1931i	-0.2500-0.0432i	-0.5866-0.4320i	-1.3151-1.3884i
37.4	0.3924+0.2362i	-0.2198-0.0317i	0.6642+0.4469i	-0.0897+0.1686i	-0.2568-0.0592i	-0.6207-0.4668i	-1.4005-1.5714i
37.5	0.3653+0.2459i	-0.2159-0.0327i	0.6499+0.4377i	-0.1092+0.1903i	-0.2434-0.0505i	-0.5870-0.4786i	-1.3468-1.5641i
37.6	0.3236+0.2260i	-0.2190-0.0256i	0.6525+0.4171i	-0.1519+0.1942i	-0.2491-0.0348i	-0.5582-0.4729i	-1.2946-1.5669i
37.7	0.3334+0.2241i	-0.2108-0.0084i	0.6647+0.4242i	-0.1328+0.1980i	-0.2356-0.0154i	-0.5856-0.4876i	-1.1312-1.3903i
37.8	0.3555+0.2284i	-0.2292-0.0090i	0.6595+0.4477i	-0.1374+0.2023i	-0.2696-0.0190i	-0.5834-0.5196i	-1.2231-1.4109i
37.9	0.3655+0.2142i	-0.2392+0.0008i	0.6854+0.4659i	-0.1524+0.2088i	-0.2817-0.0172i	-0.6008-0.5409i	-1.1733-1.3691i
38.0	0.3677+0.2000i	-0.2393-0.0047i	0.6747+0.5012i	-0.1471+0.2002i	-0.2763-0.0216i	-0.6036-0.5522i	-1.1464-1.2621i
38.1	0.3630+0.1776i	-0.2561+0.0035i	0.6713+0.5403i	-0.1533+0.1846i	-0.2914-0.0126i	-0.5947-0.5661i	-1.1846-1.3245i
38.2	0.3475+0.1694i	-0.2591+0.0088i	0.6811+0.5617i	-0.1717+0.1877i	-0.2925+0.0002i	-0.6007-0.5740i	-1.1011-1.3516i
38.3	0.3577+0.1745i	-0.2618+0.0100i	0.7018+0.6077i	-0.1727+0.2028i	-0.3004+0.0049i	-0.6138-0.6177i	-1.0792-1.4249i
38.4	0.3510+0.1989i	-0.2561+0.0142i	0.7191+0.6526i	-0.1804+0.2268i	-0.2957+0.0039i	-0.6170-0.6646i	-1.1191-1.4205i
38.5	0.3515+0.1848i	-0.2595+0.0306i	0.7590+0.6830i	-0.1814+0.2346i	-0.3005+0.0219i	-0.6553-0.6928i	-1.1369-1.2066i
38.6	0.3764+0.1754i	-0.2492+0.0380i	0.8003+0.6950i	-0.1352+0.2398i	-0.2950+0.0286i	-0.7012-0.7038i	-1.2745-1.1986i
38.7	0.3823+0.1683i	-0.2456+0.0515i	0.9074+0.7420i	-0.1203+0.2685i	-0.2801+0.0508i	-0.7902-0.7413i	-1.2463-1.2051i
38.8	0.3935+0.1749i	-0.2494+0.0609i	0.9390+0.7982i	-0.1192+0.2810i	-0.2831+0.0485i	-0.8120-0.7894i	-1.3977-1.3798i
38.9	0.4163+0.1777i	-0.2519+0.0602i	0.9824+0.8169i	-0.1045+0.2793i	-0.2869+0.0471i	-0.8580-0.8146i	-1.3438-1.5604i
39.0	0.4268+0.1673i	-0.2410+0.0656i	1.0336+0.7976i	-0.0719+0.2753i	-0.2783+0.0533i	-0.9198-0.7962i	-1.2584-1.5646i
39.1	0.4432+0.1626i	-0.2295+0.0563i	1.1100+0.7744i	-0.0382+0.2645i	-0.2745+0.0412i	-0.9921-0.7697i	-1.4528-1.2013i
39.2	0.4343+0.1430i	-0.2221+0.0397i	1.1574+0.7373i	-0.0202+0.2271i	-0.2670+0.0293i	-1.0404-0.7292i	-1.4472-1.3621i
39.3	0.4271+0.1369i	-0.2196+0.0339i	1.1859+0.7330i	-0.0269+0.2105i	-0.2629+0.0207i	-1.0583-0.7108i	-1.3085-1.5043i
39.4	0.4507+0.1181i	-0.2203+0.0469i	1.2865+0.7227i	-0.0068+0.2020i	-0.2561+0.0281i	-1.1296-0.7043i	-1.5625-1.5021i
39.5	0.4246+0.1124i	-0.2078+0.0210i	1.3590+0.6013i	-0.0009+0.1696i	-0.2415+0.0069i	-1.1925-0.6093i	-1.6587-1.2206i
39.6	0.4642+0.1053i	-0.2366+0.0176i	1.3633+0.5870i	-0.0007+0.1612i	-0.2740+0.0094i	-1.1979-0.6005i	-1.4185-1.1314i
39.7	0.5132+0.1016i	-0.2714+0.0331i	1.3824+0.5480i	0.0219+0.1800i	-0.3101+0.0180i	-1.1998-0.5644i	-1.1780-1.1233i
39.8	0.5002+0.0812i	-0.2578+0.0533i	1.2767+0.4753i	0.0311+0.1473i	-0.2961+0.0368i	-1.1255-0.5173i	-1.0958-1.2709i
39.9	0.4815+0.0998i	-0.2359+0.0312i	1.2285+0.5413i	0.0123+0.1242i	-0.2771+0.0149i	-1.1004-0.5552i	-1.1342-1.2867i
40.0	0.4796+0.0920i	-0.2368+0.0080i	1.2993+0.5885i	-0.0022+0.1054i	-0.2738-0.0096i	-1.1427-0.5847i	-1.1706-1.1019i
40.1	0.4942+0.0879i	-0.2511+0.0051i	1.3193+0.5891i	0.0024+0.0941i	-0.2843-0.0160i	-1.1451-0.5764i	-1.3284-0.9985i
40.2	0.4951+0.0619i	-0.2651+0.0090i	1.3373+0.5651i	-0.0051+0.0700i	-0.2928-0.0019i	-1.1563-0.5512i	-1.2415-1.3322i
40.3	0.5074+0.0423i	-0.2557+0.0121i	1.3908+0.5443i	-0.0080+0.0524i	-0.2985+0.0016i	-1.1934-0.5481i	-0.9262-1.3282i
40.4	0.5107+0.0282i	-0.2535-0.0079i	1.4308+0.5598i	-0.0184+0.0273i	-0.3069-0.0181i	-1.2350-0.5707i	-1.1062-1.1212i
40.5	0.4942-0.0019i	-0.2653-0.0004i	1.4797+0.5350i	-0.0473-0.0079i	-0.3161-0.0130i	-1.2820-0.5625i	-1.3498-1.0916i
40.6	0.4806-0.0148i	-0.2798-0.0018i	1.5380+0.5003i	-0.0630-0.0224i	-0.3233-0.0197i	-1.3228-0.5366i	-1.3182-1.2677i
40.7	0.4775-0.0023i	-0.3025-0.0206i	1.5680+0.4286i	-0.0903-0.0139i	-0.3408-0.0439i	-1.3638-0.4788i	-1.1785-1.4226i
40.8	0.4994-0.0181i	-0.3194-0.0165i	1.5501+0.4075i	-0.1046-0.0192i	-0.3614-0.0344i	-1.3556-0.4610i	-0.9061-1.3800i
40.9	0.5111-0.0394i	-0.3218+0.0033i	1.5435+0.4446i	-0.0950-0.0419i	-0.3728-0.0175i	-1.3276-0.5003i	-0.7765-1.0015i
41.0	0.4976-0.0117i	-0.3450+0.0050i	1.6021+0.3985i	-0.1457-0.0087i	-0.3886-0.0249i	-1.3927-0.4362i	-1.0771-0.9667i
41.1	0.4592-0.0076i	-0.3386-0.0103i	1.5859+0.3477i	-0.1699-0.0112i	-0.3821-0.0366i	-1.4037-0.3965i	-1.1402-1.3645i
41.2	0.5165-0.0347i	-0.3433+0.0066i	1.5683+0.3511i	-0.1399-0.0133i	-0.3937-0.0149i	-1.3526-0.4298i	-1.2305-1.1972i
41.3	0.5176-0.0629i	-0.3433+0.0107i	1.6060+0.3497i	-0.1520-0.0261i	-0.3924-0.0160i	-1.4137-0.4348i	-1.1486-1.3347i
41.4	0.4499-0.0631i	-0.3610-0.0061i	1.6629+0.3073i	-0.2047-0.0242i	-0.4053-0.0364i	-1.4951-0.3770i	-0.9237-1.5345i
41.5	0.4597-0.0550i	-0.3819-0.0168i	1.6407+0.3003i	-0.2147-0.0336i	-0.4383-0.0406i	-1.4607-0.3788i	-1.0436-1.4381i
41.6	0.4719-0.0574i	-0.3847-0.0097i	1.6276+0.2830i	-0.2189-0.0344i	-0.4491-0.0248i	-1.4469-0.3793i	-1.1499-1.2466i
41.7	0.4667-0.0583i	-0.3874-0.0122i	1.6536+0.2647i	-0.2465-0.0309i	-0.4507-0.0350i	-1.4941-0.3507i	-1.1214-1.2731i
41.8	0.4865-0.0428i	-0.4238+0.0005i	1.6763+0.2417i	-0.2624-0.0138i	-0.4840-0.0351i	-1.5185-0.3235i	-1.1084-1.5768i
41.9	0.4760-0.0551i	-0.4305+0.0123i	1.7021+0.2444i	-0.2767-0.0093i	-0.4974-0.0140i	-1.5693-0.3170i	-0.9399-1.5888i
42.0	0.4493-0.0307i	-0.4395+0.0188i	1.6943+0.2218i	-0.3082+0.0039i	-0.5046-0.0123i	-1.5647-0.2527i	-0.9794-1.3334i
42.1	0.4471-0.0447i	-0.4371+0.0319i	1.7041+0.2374i	-0.3087-0.0127i	-0.5076-0.0027i	-1.5705-0.2674i	-1.0710-1.2258i
42.2	0.4820-0.0434i	-0.4662+0.0503i	1.6966+0.1747i	-0.3137+0.0110i	-0.5371+0.0151i	-1.5496-0.2221i	-0.8651-1.2305i
42.3	0.4998-0.0224i	-0.4690+0.0885i	1.6547+0.1937i	-0.3253+0.0559i	-0.5475+0.0548i	-1.5116-0.2131i	-0.9177-1.2891i
42.4	0.5080-0.0238i	-0.4553+0.0705i	1.7241+0.1657i	-0.3481+0.0645i	-0.5362+0.0439i	-1.5556-0.1805i	-0.7900-1.0618i
42.5	0.5148-0.0447i	-0.4512+0.0548i	1.7238+0.0976i	-0.3714+0.0773i	-0.5299+0.0393i	-1.5675-0.1106i	-0.8288-1.2326i
42.6	0.5521-0.0695i	-0.4797+0.0335i	1.5794+0.1539i	-0.3422+0.1163i	-0.5544+0.0275i	-1.3920-0.1480i	-0.8488-1.3677i
42.7	0.4920-0.0828i	-0.4884+0.0336i	1.6552+0.3090i	-0.3061+0.0835i	-0.5676+0.0225i	-1.4768-0.3134i	-1.0944-1.1292i
42.8	0.5094-0.0437i	-0.5266+0.0522i	1.7656+0.2450i	-0.3356+0.0928i	-0.6183+0.0337i	-1.6058-0.2426i	-1.0086-1.1722i
42.9	0.5345-0.0444i	-0.5773+0.0861i	1.8073+0.1907i	-0.3726+0.1197i	-0.6687+0.0718i	-1.6490-0.1621i	-0.8600-1.1132i
43.0	0.5228-0.0637i	-0.5736+0.1251i	1.7406+0.2734i	-0.3688+0.1081i	-0.6555+0.1045i	-1.6017-0.2297i	-0.7834-1.1736i
43.1	0.5486-0.0609i	-0.5474+0.1777i	1.7701+0.3160i	-0.3469+0.1294i	-0.6355+0.1614i	-1.6120-0.2334i	-0.7205-1.2815i
43.2	0.5813-0.0523i	-0.5304+0.2042i	1.8314+0.2937i	-0.3509+0.1576i	-0.6200+0.1870i	-1.5986-0.1697i	-0.5618-1.6847i
43.3	0.5892-0.0627i	-0.4789+0.1787i	1.9175+0.2937i	-0.3110+0.1539i	-0.5711+0.1542i	-1.5937-0.1895i	-0.5377-1.5173i
43.4	0.6198-0.0562i	-0.4990+0.1305i	1.9567+0.2515i	-0.3285+0.1213i	-0.5932+0.1066i	-1.6211-0.2025i	-0.6615-1.1464i

43.5	0.6412-0.0853i	-0.5409+0.1426i	2.0758+0.1768i	-0.3641+0.1122i	-0.6430+0.1316i	-1.7310-0.1402i	-0.7110-1.1376i
43.6	0.6450-0.1180i	-0.5565+0.1843i	2.1375+0.0486i	-0.3918+0.1346i	-0.6602+0.1714i	-1.8061-0.0287i	-0.6731-1.3149i
43.7	0.6590-0.1612i	-0.5690+0.2606i	2.0069-0.0021i	-0.3784+0.2011i	-0.6671+0.2418i	-1.6616+0.0410i	-0.7158-1.4907i
43.8	0.6410-0.1601i	-0.5174+0.2463i	2.0125+0.1603i	-0.3401+0.1744i	-0.6282+0.2214i	-1.6226-0.1193i	-0.8171-1.3832i
43.9	0.6654-0.1165i	-0.5431+0.1748i	2.2386+0.1566i	-0.3672+0.1372i	-0.6672+0.1582i	-1.7914-0.1409i	-0.7227-1.3347i
44.0	0.7212-0.1426i	-0.5968+0.1723i	2.4414-0.0719i	-0.4223+0.1336i	-0.7181+0.1611i	-1.9543+0.0061i	-0.6138-1.2583i
44.1	0.7078-0.2093i	-0.6130+0.2329i	2.3719-0.2846i	-0.4451+0.1885i	-0.7355+0.2293i	-1.9539+0.1474i	-0.4458-1.1501i
44.2	0.6870-0.2326i	-0.6337+0.2647i	2.3097-0.4362i	-0.4794+0.2257i	-0.7604+0.2700i	-1.9846+0.2866i	-0.3351-1.4302i
44.3	0.7025-0.2783i	-0.6500+0.3317i	2.2147-0.5730i	-0.5061+0.2854i	-0.7858+0.3396i	-1.9172+0.4640i	-0.3915-1.6044i
44.4	0.6356-0.3514i	-0.5676+0.4303i	1.9000-0.6912i	-0.4456+0.4101i	-0.6974+0.4501i	-1.6006+0.6805i	-0.2655-1.8274i
44.5	0.5685-0.3077i	-0.4548+0.3784i	1.6405-0.4180i	-0.3154+0.4041i	-0.5598+0.3955i	-1.2788+0.4607i	-0.4434-1.9803i
44.6	0.5590-0.2363i	-0.4478+0.2499i	1.7280-0.1913i	-0.2656+0.3215i	-0.5480+0.2643i	-1.3070+0.1893i	-0.4421-1.6755i
44.7	0.5269-0.2478i	-0.4711+0.2153i	1.7068-0.1339i	-0.2608+0.3038i	-0.5693+0.2323i	-1.3126+0.1151i	-0.5582-1.6264i
44.8	0.5529-0.1711i	-0.5650+0.2027i	1.8775+0.1126i	-0.2530+0.2508i	-0.6656+0.2158i	-1.4161-0.1068i	-0.6258-1.5796i
44.9	0.6022-0.1356i	-0.5710+0.2689i	2.0552+0.0949i	-0.2684+0.2289i	-0.6744+0.2799i	-1.5267-0.1079i	-0.6452-1.6102i
45.0	0.6809-0.1179i	-0.6310+0.1949i	2.2915-0.0204i	-0.3679+0.2165i	-0.7520+0.2047i	-1.7434-0.0284i	-0.3790-1.4571i
45.1	0.7847-0.1923i	-0.7555+0.3064i	2.3957-0.1729i	-0.4044+0.2386i	-0.8790+0.3204i	-1.7693+0.0473i	-0.1097-1.5222i
45.2	0.7819-0.2701i	-0.6882+0.4868i	2.3316-0.3306i	-0.3646+0.2941i	-0.8052+0.5032i	-1.6834+0.1162i	-0.1454-1.6418i
45.3	0.7738-0.2561i	-0.5404+0.4323i	2.4015-0.3304i	-0.3570+0.2858i	-0.6648+0.4489i	-1.7553+0.0468i	-0.3101-1.7551i
45.4	0.8204-0.3228i	-0.5775+0.3504i	2.5142-0.4515i	-0.4021+0.2564i	-0.7125+0.3803i	-1.8754+0.0412i	-0.2310-1.6368i
45.5	0.7759-0.3728i	-0.6018+0.3395i	2.4669-0.5289i	-0.4084+0.2282i	-0.7248+0.3721i	-1.9388+0.0264i	-0.1687-1.7024i
45.6	0.8132-0.3895i	-0.6690+0.3564i	2.5289-0.7218i	-0.4966+0.2695i	-0.8128+0.3864i	-2.1250+0.2216i	0.1048-1.8185i
45.7	0.7787-0.4633i	-0.6653+0.4001i	2.1951-0.8891i	-0.4493+0.4017i	-0.7949+0.4544i	-1.8341+0.4509i	0.1384-2.0619i
45.8	0.7231-0.4370i	-0.7482+0.4052i	2.1800-0.7326i	-0.4034+0.3776i	-0.8538+0.4591i	-1.8143+0.3209i	0.0984-2.0571i
45.9	0.7463-0.4536i	-0.7566+0.5443i	2.1626-0.8558i	-0.3846+0.4029i	-0.8652+0.5936i	-1.7907+0.4092i	0.0030-2.0498i
46.0	0.6631-0.4754i	-0.5766+0.6524i	1.9355-0.7744i	-0.3349+0.3930i	-0.6815+0.6958i	-1.6728+0.2960i	-0.1730-2.1831i
46.1	0.7206-0.4073i	-0.5434+0.4889i	2.1883-0.6376i	-0.4064+0.3597i	-0.6658+0.5250i	-1.9461+0.2772i	-0.1849-2.1045i
46.2	0.8021-0.4808i	-0.6744+0.4614i	2.3347-0.8713i	-0.4588+0.4544i	-0.8123+0.5183i	-2.0550+0.5328i	-0.1016-2.2442i
46.3	0.8391-0.5951i	-0.7936+0.5666i	2.3420-1.1251i	-0.4571+0.5203i	-0.9368+0.6399i	-2.0253+0.7088i	0.1281-2.4440i
46.4	0.7296-0.8132i	-0.7059+0.8750i	1.8633-1.5655i	-0.3185+0.7288i	-0.8390+0.9683i	-1.5979+1.1528i	-0.0793-2.8141i
46.5	0.4579-0.8114i	-0.4644+0.8966i	1.2631-1.2832i	-0.0591+0.7076i	-0.5455+1.0118i	-1.0484+0.9517i	-0.5897-2.7577i
46.6	0.3748-0.5744i	-0.3149+0.8180i	1.2149-0.7371i	0.0211+0.4770i	-0.3641+0.9041i	-0.9516+0.4430i	-0.8932-2.4207i
46.7	0.4489-0.4897i	-0.2124+0.7096i	1.4377-0.4079i	-0.0466+0.3354i	-0.2812+0.7685i	-1.1501+0.1036i	-0.6318-2.3715i
46.8	0.5251-0.4618i	-0.2275+0.4794i	1.8106-0.3358i	-0.1451+0.2463i	-0.3125+0.5265i	-1.4820-0.0611i	-0.4477-2.2787i
46.9	0.5739-0.4741i	-0.4270+0.3204i	2.1116-0.5085i	-0.2683+0.2314i	-0.5157+0.3677i	-1.8741+0.0106i	-0.5501-2.2265i
47.0	0.5975-0.5095i	-0.5729+0.4773i	2.0907-0.8036i	-0.3176+0.3453i	-0.6685+0.5266i	-1.9210+0.3841i	-0.4434-2.5432i
47.1	0.5105-0.5959i	-0.4445+0.7588i	1.5675-0.8906i	-0.1822+0.4655i	-0.5344+0.8123i	-1.4280+0.5928i	-0.6297-2.7106i
47.2	0.4535-0.4711i	-0.1812+0.6184i	1.5203-0.1491i	-0.0512+0.2826i	-0.2480+0.6538i	-1.2325-0.0517i	-0.9141-2.4077i
47.3	0.5929-0.3741i	-0.2893+0.3424i	2.2617+0.0857i	-0.1874+0.1164i	-0.3818+0.3562i	-1.7811-0.3698i	-0.8551-2.2198i
47.4	0.7165-0.4426i	-0.5140+0.3373i	2.7738-0.4238i	-0.3636+0.1706i	-0.6436+0.3544i	-2.2786-0.0391i	-0.5616-2.1027i
47.5	0.7801-0.5260i	-0.6662+0.3861i	2.9442-0.8954i	-0.4589+0.2422i	-0.8228+0.4301i	-2.5023+0.3009i	-0.2079-2.2719i
47.6	0.8391-0.6948i	-0.8183+0.6187i	2.8681-1.6606i	-0.5201+0.4095i	-0.9841+0.6923i	-2.4949+0.9281i	-0.1915-2.5425i
47.7	0.6466-0.9174i	-0.6071+0.9080i	1.9106-2.1147i	-0.3518+0.5556i	-0.7372+1.0177i	-1.7745+1.2801i	-0.2379-2.3248i
47.8	0.3818-0.8567i	-0.2943+0.8479i	1.1334-1.5836i	-0.1924+0.4762i	-0.3806+0.9461i	-1.2303+0.8926i	-0.8511-2.5966i
47.9	0.2746-0.5641i	-0.2411+0.5638i	1.2784-0.6209i	-0.2360+0.2999i	-0.3081+0.6251i	-1.4603+0.1931i	-0.8253-2.5700i
48.0	0.3560-0.4991i	-0.3077+0.5550i	1.5141-0.5579i	-0.2898+0.3147i	-0.3931+0.6127i	-1.6450+0.2573i	-0.6711-2.4847i
48.1	0.3835-0.4833i	-0.2048+0.6189i	1.5567-0.4400i	-0.2585+0.3376i	-0.2934+0.6804i	-1.5579+0.2778i	-0.7476-2.4736i
48.2	0.4987-0.4831i	-0.2189+0.5112i	2.0700-0.4823i	-0.3700+0.3288i	-0.3218+0.5733i	-1.9482+0.2719i	-0.5376-2.2491i
48.3	0.4520-0.6112i	-0.2151+0.4747i	1.9262-0.9980i	-0.3356+0.4706i	-0.3144+0.5658i	-1.8364+0.6876i	-0.4805-2.4131i
48.4	0.3067-0.5640i	-0.2402+0.3503i	1.4889-0.8813i	-0.2345+0.4668i	-0.3198+0.4414i	-1.4784+0.5964i	-0.6648-2.3522i
48.5	0.2934-0.4144i	-0.3781+0.2820i	1.5712-0.3765i	-0.2244+0.3580i	-0.4497+0.3499i	-1.5540+0.1968i	-0.8014-2.2599i
48.6	0.4670-0.3948i	-0.4606+0.4224i	1.8962-0.5845i	-0.2645+0.3589i	-0.5485+0.4912i	-1.7195+0.3995i	-0.4823-2.0757i
48.7	0.4954-0.4606i	-0.4305+0.4499i	1.8708-0.7268i	-0.2655+0.3844i	-0.5284+0.5228i	-1.6479+0.4617i	-0.4104-2.2491i
48.8	0.4195-0.5334i	-0.4468+0.5042i	1.6129-0.7751i	-0.2389+0.3694i	-0.5449+0.5735i	-1.4119+0.3549i	-0.2101-2.6643i
48.9	0.3105-0.3989i	-0.3467+0.4489i	1.4232-0.3356i	-0.2206+0.2866i	-0.4246+0.5077i	-1.3863-0.0465i	-0.4732-2.5994i
49.0	0.4197-0.2031i	-0.3966+0.2982i	1.8893+0.0832i	-0.3059+0.2266i	-0.4769+0.3425i	-1.8541-0.2741i	-0.9062-2.2681i
49.1	0.5374-0.2118i	-0.4793+0.3086i	2.2072-0.0335i	-0.3429+0.2318i	-0.5732+0.3400i	-2.0587-0.1448i	-0.5289-2.1983i
49.2	0.6940-0.2429i	-0.5882+0.2825i	2.6447-0.2019i	-0.4132+0.2511i	-0.7092+0.3237i	-2.3877-0.0397i	-0.2624-2.0167i
49.3	0.7751-0.3529i	-0.7093+0.3855i	2.7309-0.6827i	-0.4739+0.3336i	-0.8511+0.4430i	-2.4981+0.3225i	-0.1659-2.0719i
49.4	0.7321-0.4581i	-0.6720+0.5349i	2.4218-0.9653i	-0.4541+0.3947i	-0.7994+0.6107i	-2.2585+0.5288i	0.0682-2.2269i
49.5	0.6656-0.4255i	-0.5317+0.4993i	2.1262-0.7718i	-0.4074+0.3867i	-0.6452+0.5775i	-2.0247+0.3923i	0.1527-2.1327i
49.6	0.6773-0.4062i	-0.5636+0.3555i	2.1900-0.5961i	-0.4036+0.3768i	-0.6765+0.4419i	-2.1013+0.2411i	-0.0454-2.2098i
49.7	0.7893-0.3991i	-0.7458+0.4002i	2.5165-0.6947i	-0.4765+0.3911i	-0.8577+0.4739i	-2.4137+0.3499i	-0.0554-2.4375i

49.8	0.7928-0.5291i	-0.7542+0.5611i	2.3273-1.0353i	-0.4545+0.4741i	-0.8606+0.6464i	-2.2627+0.6685i	0.0961-2.6257i
49.9	0.6411-0.5298i	-0.5718+0.6040i	1.7449-0.7583i	-0.2886+0.4770i	-0.6532+0.6982i	-1.7745+0.4909i	-0.1520-2.7222i
50.0	0.6799-0.3885i	-0.5400+0.4336i	2.0958-0.1807i	-0.3337+0.3466i	-0.6233+0.4961i	-2.0381-0.0051i	-0.0999-2.2659i
50.1	0.8350-0.3969i	-0.6864+0.3639i	2.6558-0.2392i	-0.4566+0.3266i	-0.7986+0.4312i	-2.5043+0.0189i	0.1477-2.0950i
50.2	0.8443-0.4937i	-0.7369+0.4482i	2.6431-0.5647i	-0.4646+0.4082i	-0.8493+0.5335i	-2.5123+0.2795i	0.2679-2.5092i
50.3	0.7599-0.5192i	-0.7105+0.4872i	2.4365-0.5588i	-0.4028+0.4241i	-0.8033+0.5770i	-2.3974+0.2824i	0.4385-2.7746i
50.4	0.7251-0.4370i	-0.7196+0.4403i	2.4827-0.2532i	-0.3886+0.3583i	-0.7987+0.5205i	-2.4811+0.0595i	0.3107-2.8252i
50.5	0.8353-0.3995i	-0.7927+0.4379i	2.8602-0.2314i	-0.4547+0.3449i	-0.8759+0.5113i	-2.8088+0.1195i	0.2680-2.8185i
50.6	0.8730-0.4333i	-0.7928+0.4638i	2.8821-0.3422i	-0.4522+0.3816i	-0.8858+0.5299i	-2.8202+0.2965i	0.2676-2.7827i
50.7	0.9215-0.3968i	-0.8493+0.4056i	2.9932-0.2391i	-0.4776+0.3592i	-0.9552+0.4689i	-2.9008+0.2437i	0.3516-2.7171i
50.8	0.9866-0.4194i	-0.9509+0.4324i	3.1986-0.2852i	-0.5000+0.3632i	-1.0621+0.5013i	-3.0283+0.3145i	0.4313-2.7912i
50.9	0.9938-0.4876i	-0.9760+0.5478i	3.2054-0.4315i	-0.4807+0.3743i	-1.0879+0.6328i	-2.9504+0.4736i	0.3017-2.8266i
51.0	0.9984-0.3798i	-0.8908+0.5129i	3.2735-0.1449i	-0.4627+0.2778i	-1.0044+0.5726i	-2.9047+0.2017i	0.1143-2.9026i
51.1	1.2184-0.4069i	-1.1070+0.4840i	3.9926-0.3671i	-0.6300+0.2685i	-1.2499+0.5335i	-3.4870+0.2845i	0.6256-2.8403i
51.2	1.3079-0.7116i	-1.2251+0.7863i	3.9967-1.2975i	-0.7095+0.4246i	-1.3750+0.8748i	-3.5506+0.9588i	0.6437-3.0102i
51.3	1.0638-0.7121i	-0.9360+0.8259i	3.2665-0.9524i	-0.5702+0.3975i	-1.0506+0.9119i	-3.0500+0.7325i	0.5494-3.1064i
51.4	1.2000-0.5951i	-1.0523+0.7230i	3.8386-0.8652i	-0.6695+0.3464i	-1.1895+0.7983i	-3.5432+0.7364i	0.8172-2.9277i
51.5	1.1858-0.4944i	-0.9467+0.6560i	3.8646-0.4941i	-0.6414+0.2808i	-1.0741+0.7172i	-3.4896+0.4861i	0.7105-2.9021i
51.6	1.4918-0.4511i	-1.1452+0.5044i	4.8388-0.5177i	-0.8647+0.2447i	-1.2997+0.5359i	-4.2159+0.4713i	0.6901-2.7782i
51.7	1.6550-0.7542i	-1.3151+0.6379i	4.8207-1.5688i	-0.9389+0.4873i	-1.5030+0.7122i	-4.1862+1.3534i	1.2649-3.0259i
51.8	1.6353-0.8779i	-1.3711+0.6687i	4.7327-1.6292i	-0.8682+0.4590i	-1.5548+0.7601i	-4.0278+1.3154i	1.4062-3.1789i
51.9	1.6188-0.7790i	-1.4634+0.5884i	5.0472-1.2615i	-0.9085+0.3401i	-1.6210+0.6607i	-4.3543+0.9476i	1.1973-3.0540i
52.0	2.0148-0.9346i	-1.8880+0.8385i	6.0163-2.1558i	-1.2207+0.4641i	-2.0968+0.9186i	-5.2231+1.6828i	1.4111-3.5263i
52.1	2.0036-1.3818i	-1.8280+1.3010i	5.5039-3.2798i	-1.2180+0.7607i	-2.0363+1.4467i	-4.8693+2.6165i	1.7779-3.7898i
52.2	1.7586-1.4478i	-1.5484+1.3378i	4.8320-3.3178i	-1.0436+0.7763i	-1.7314+1.4858i	-4.2859+2.7607i	1.7528-3.7610i
52.3	1.7309-1.5775i	-1.5253+1.4365i	4.5225-3.4975i	-1.0199+0.8058i	-1.7075+1.5855i	-3.9588+2.8701i	2.0876-4.2987i
52.4	1.5991-1.4428i	-1.4004+1.3155i	4.4517-2.8387i	-1.0074+0.7050i	-1.5719+1.4301i	-3.9367+2.2663i	1.6649-4.5713i
52.5	1.8050-1.5308i	-1.6064+1.4074i	5.0967-3.5694i	-1.1669+0.8218i	-1.8114+1.5473i	-4.4901+2.9195i	1.7029-4.5000i
52.6	1.6661-1.9186i	-1.4816+1.7707i	4.0586-4.5494i	-1.0475+1.0209i	-1.6509+1.9499i	-3.5689+3.7567i	1.3039-5.1896i
52.7	1.3481-1.6685i	-1.1257+1.5302i	3.5089-3.1854i	-0.8631+0.7947i	-1.2436+1.6623i	-3.0753+2.5613i	0.6249-5.2114i
52.8	1.7962-1.4362i	-1.4668+1.2222i	5.1766-2.9091i	-1.1986+0.6231i	-1.6616+1.3103i	-4.4754+2.3062i	1.3737-4.3026i
52.9	2.0792-2.1036i	-1.8065+1.7218i	5.3341-4.7919i	-1.4326+1.0248i	-2.0568+1.8698i	-4.6625+3.8747i	1.7645-4.8259i
53.0	1.7206-2.3789i	-1.5709+1.9722i	4.2159-5.0491i	-1.2555+1.1934i	-1.7740+2.1581i	-3.7643+4.1740i	1.4899-5.2789i
53.1	1.5781-2.4803i	-1.4687+2.0959i	3.7626-5.1108i	-1.2002+1.2593i	-1.6660+2.2932i	-3.3241+4.2342i	1.5942-5.7517i
53.2	1.4519-2.6269i	-1.3571+2.2291i	3.5080-5.2597i	-1.1651+1.3577i	-1.5575+2.4263i	-3.1043+4.2628i	1.3842-6.2203i
53.3	1.1578-2.7701i	-1.1483+2.3302i	2.8592-5.2344i	-0.9996+1.4582i	-1.3307+2.5434i	-2.5886+4.2311i	0.8836-6.6655i
53.4	0.9316-2.8896i	-1.0539+2.4474i	2.4139-5.4243i	-1.0121+1.4335i	-1.2466+2.7126i	-2.3396+4.2694i	0.3843-6.6817i
53.5	0.5478-2.5978i	-0.7057+2.2584i	1.6734-4.3826i	-0.8831+1.3260i	-0.8248+2.5090i	-1.7782+3.5518i	0.3189-6.3011i
53.6	0.7675-2.2048i	-0.7806+1.9072i	2.6703-3.4444i	-1.0418+1.1807i	-0.9163+2.0755i	-2.5076+2.7993i	0.5157-5.8945i
53.7	0.9151-2.2829i	-0.9431+1.8473i	3.2615-3.7441i	-1.1414+1.3035i	-1.1002+2.0145i	-2.9918+3.0771i	0.4751-6.0637i
53.8	1.1373-2.3892i	-1.3146+1.9020i	4.0540-4.2390i	-1.3694+1.3105i	-1.5358+2.0980i	-3.6630+3.3119i	0.6690-6.0633i
53.9	1.2593-2.4224i	-1.5505+1.9476i	4.4966-4.4700i	-1.5134+1.3209i	-1.8064+2.1487i	-4.0787+3.4224i	0.7810-5.9964i
54.0	1.4614-2.8349i	-1.8508+2.4701i	4.9368-5.8441i	-1.8200+1.6721i	-2.1242+2.7277i	-4.6363+4.5763i	1.1872-6.4540i
54.1	1.0109-3.1681i	-1.4070+2.8536i	3.7559-6.5161i	-1.5411+2.0476i	-1.6169+3.1574i	-3.7453+5.3262i	0.8512-7.0980i
54.2	0.9748-2.7716i	-1.4411+2.5041i	3.8930-5.7820i	-1.5083+1.7868i	-1.6153+2.7467i	-3.8162+4.7938i	0.3747-6.6851i
54.3	1.2375-3.2367i	-1.7147+3.0604i	3.9777-7.3258i	-1.8703+2.2292i	-1.9638+3.3578i	-3.8974+6.1561i	0.8514-7.2795i
54.4	0.8092-3.7511i	-1.2823+3.6259i	2.4418-8.1935i	-1.6335+2.8382i	-1.5198+4.0133i	-2.6417+6.9693i	0.3820-8.4525i
54.5	0.3284-3.8886i	-0.7825+3.8170i	1.2819-8.0110i	-1.2415+3.1553i	-0.9823+4.2560i	-1.6396+6.9327i	-0.3848-8.6654i
54.6	-0.2744-3.5747i	-0.1553+3.5194i	0.2153-6.7508i	-0.6050+3.0678i	-0.2595+3.9292i	-0.5937+5.9480i	-1.4706-8.4572i
54.7	-0.1603-2.9521i	-0.3303+2.9302i	1.2127-5.3842i	-0.5625+2.5591i	-0.4283+3.2456i	-1.3089+4.7741i	-1.6819-7.1939i
54.8	0.3720-3.1712i	-0.8767+3.2560i	2.5851-6.5221i	-1.0153+2.6892i	-1.0741+3.5859i	-2.4572+5.6258i	-1.3059-6.7035i
54.9	0.1990-3.8558i	-0.6436+4.0551i	1.6300-8.4558i	-0.9516+3.3739i	-0.8337+4.5120i	-1.7922+7.1855i	-1.0770-7.7882i
55.0	-0.4917-3.9285i	0.1411+4.2182i	-0.2498-8.3460i	-0.2753+3.6178i	0.0510+4.7122i	-0.2324+7.2289i	-1.6187-8.2406i
55.1	-0.6638-3.6680i	0.4006+3.9363i	-0.6460-7.5488i	-0.0156+3.4280i	0.3369+4.4078i	0.1177+6.6378i	-1.7057-7.7501i
55.2	-0.8929-3.4859i	0.7093+3.7283i	-1.0949-7.0239i	0.3011+3.2850i	0.6897+4.2031i	0.6033+6.2708i	-2.3432-7.4342i
55.3	-1.1315-3.2348i	0.9969+3.4750i	-1.4989-6.3002i	0.5789+3.0841i	1.0352+3.9316i	1.0562+5.6715i	-2.8227-7.4309i
55.4	-1.2129-2.8624i	1.1615+3.0979i	-1.4974-5.3923i	0.7256+2.7346i	1.2329+3.4910i	1.1453+4.8881i	-2.9721-7.0675i
55.5	-0.9224-2.6383i	0.9215+2.8063i	-0.6616-5.1175i	0.4968+2.4993i	0.9622+3.1389i	0.5056+4.5419i	-2.4692-6.4797i
55.6	-0.6937-3.1242i	0.6362+3.1799i	-0.5413-6.4992i	0.2882+2.8917i	0.6168+3.5672i	0.2658+5.5662i	-1.8551-6.7238i
55.7	-1.0582-3.1482i	0.9851+3.2406i	-1.5302-6.1971i	0.6434+2.9420i	1.0108+3.6490i	1.0521+5.4500i	-2.2831-6.7087i
55.8	-1.2942-2.9997i	1.2134+3.1102i	-1.9519-5.5749i	0.8707+2.8178i	1.2971+3.5060i	1.4334+4.9932i	-2.7473-6.8170i
55.9	-1.3958-2.7146i	1.3579+2.8358i	-2.0092-4.7878i	1.0278+2.5762i	1.4718+3.2030i	1.5755+4.3344i	-3.0967-6.3603i
56.0	-1.0708-2.4073i	1.1074+2.5022i	-0.9783-4.1708i	0.7917+2.2598i	1.1964+2.8048i	0.7556+3.7400i	-2.8130-6.0074i

56.1	-0.6918-2.8406i	0.7171+2.7935i	-0.1297-5.6600i	0.4271+2.6027i	0.7240+3.1421i	-0.0284+4.8845i	-1.8873-6.3006i
56.2	-1.2064-3.0904i	1.1260+3.0493i	-1.6827-6.1045i	0.8727+2.8685i	1.1860+3.4568i	1.2482+5.3613i	-2.1765-6.7184i
56.3	-1.4887-2.8616i	1.3894+2.8543i	-2.3290-5.3392i	1.1507+2.6733i	1.5074+3.2377i	1.8253+4.7772i	-2.7174-6.6423i
56.4	-1.6000-2.7122i	1.5160+2.6997i	-2.4549-4.9344i	1.2625+2.5238i	1.6540+3.0762i	1.9710+4.4315i	-3.0654-6.5159i
56.5	-1.5669-2.5539i	1.4834+2.5420i	-2.3908-4.4653i	1.2490+2.3806i	1.6197+2.8807i	1.9364+4.0572i	-2.7657-6.1683i
56.6	-1.5535-2.4812i	1.4653+2.4710i	-2.3334-4.2276i	1.2231+2.2979i	1.6050+2.8022i	1.9302+3.8632i	-2.7878-6.1597i
56.7	-1.5667-2.3759i	1.4695+2.3372i	-2.2872-3.9600i	1.2461+2.1933i	1.6246+2.6549i	1.9678+3.5960i	-2.9657-6.1962i
56.8	-1.5640-2.3132i	1.4545+2.2782i	-2.2305-3.7650i	1.2581+2.1221i	1.6123+2.5750i	1.9347+3.3876i	-2.9558-6.1534i
56.9	-1.5515-2.2387i	1.4428+2.2115i	-2.1218-3.5012i	1.2565+2.0605i	1.6002+2.5054i	1.8999+3.1679i	-2.6292-5.8008i
57.0	-1.5076-2.0971i	1.3858+2.0896i	-1.8327-3.1142i	1.2088+1.9564i	1.5480+2.3596i	1.6907+2.8306i	-2.7453-5.5894i
57.1	-1.2929-1.9830i	1.1982+1.9433i	-1.1431-2.8398i	1.0446+1.8120i	1.3203+2.1756i	1.1489+2.5442i	-2.5005-5.4876i
57.2	-0.9293-2.2586i	0.8155+2.1386i	-0.1208-3.7728i	0.7002+2.0069i	0.8460+2.3808i	0.3131+3.1304i	-2.0864-5.6158i
57.3	-1.1272-2.7103i	0.9153+2.5637i	-0.8526-4.9004i	0.8278+2.4108i	0.9383+2.9011i	0.7683+4.0684i	-2.1315-6.0493i
57.4	-1.5119-2.7069i	1.2159+2.6213i	-1.8909-4.6491i	1.1382+2.4629i	1.3194+2.9909i	1.5390+3.9238i	-2.5295-6.4493i
57.5	-1.7097-2.5931i	1.4066+2.5670i	-2.1625-4.2313i	1.2927+2.3705i	1.5401+2.9157i	1.7417+3.6360i	-2.5750-6.1451i
57.6	-1.7350-2.4421i	1.4501+2.4372i	-2.0982-3.8931i	1.3375+2.2597i	1.5893+2.7630i	1.7422+3.3841i	-2.6776-5.8305i
57.7	-1.7173-2.2922i	1.4681+2.3074i	-2.0765-3.6164i	1.3847+2.1515i	1.6018+2.6267i	1.7512+3.1461i	-2.4005-5.9853i
57.8	-1.7428-2.2648i	1.4911+2.2970i	-2.0551-3.5158i	1.4063+2.1344i	1.6330+2.6040i	1.7583+3.0415i	-2.2738-6.0540i
57.9	-1.7488-2.2587i	1.4930+2.2947i	-1.9912-3.4179i	1.3924+2.1118i	1.6345+2.5895i	1.6885+2.9441i	-2.2300-6.1863i
58.0	-1.7449-2.2029i	1.4996+2.2585i	-1.9606-3.3344i	1.4281+2.0778i	1.6537+2.5543i	1.6832+2.8523i	-2.1303-6.0986i
58.1	-1.7531-2.1807i	1.5191+2.2584i	-1.9483-3.2789i	1.4542+2.0774i	1.6648+2.5456i	1.6582+2.7948i	-2.1742-5.9840i
58.2	-1.7773-2.1513i	1.5526+2.2323i	-1.8751-3.1199i	1.4749+2.0368i	1.7002+2.5181i	1.6122+2.7072i	-2.2987-5.6823i
58.3	-1.7625-2.0932i	1.5453+2.1580i	-1.7669-2.9933i	1.4726+1.9632i	1.7052+2.4441i	1.5676+2.5849i	-2.3444-5.5563i
58.4	-1.6957-2.0836i	1.4671+2.1377i	-1.4635-3.0093i	1.3847+1.9717i	1.6285+2.4173i	1.3277+2.5682i	-2.1316-5.9974i
58.5	-1.6370-2.1289i	1.3874+2.1760i	-1.3521-3.2712i	1.3493+2.0198i	1.5248+2.4571i	1.1607+2.7732i	-1.7536-6.0106i
58.6	-1.6773-2.2551i	1.4116+2.3154i	-1.5773-3.4986i	1.4030+2.1343i	1.5506+2.6276i	1.3063+3.0482i	-1.6585-6.0171i
58.7	-1.7724-2.2599i	1.5042+2.3345i	-1.8223-3.3451i	1.4841+2.1182i	1.6572+2.6479i	1.5399+2.9289i	-1.9025-6.0065i
58.8	-1.8645-2.2533i	1.6216+2.3306i	-1.8805-3.3064i	1.5848+2.1265i	1.7859+2.6506i	1.6666+2.8894i	-1.7538-6.1832i
58.9	-1.9112-2.1975i	1.6599+2.2605i	-1.9370-3.1667i	1.6300+2.0751i	1.8494+2.5654i	1.6810+2.7735i	-1.7460-6.2917i
59.0	-1.9595-2.2448i	1.7356+2.3180i	-1.8680-3.1430i	1.6464+2.1493i	1.9357+2.6366i	1.6822+2.7594i	-1.7066-6.3143i
59.1	-1.9624-2.2347i	1.7164+2.2940i	-1.8419-3.0384i	1.6593+2.1184i	1.9033+2.6199i	1.6572+2.6740i	-1.5675-6.2801i
59.2	-2.0015-2.2559i	1.7338+2.3260i	-1.8341-2.9533i	1.7097+2.1178i	1.9390+2.6372i	1.6670+2.6469i	-1.5356-6.3624i
59.3	-2.0311-2.2481i	1.7744+2.3259i	-1.8233-2.9583i	1.7658+2.1734i	1.9797+2.6229i	1.6939+2.6004i	-1.7042-6.2546i
59.4	-2.0668-2.2758i	1.8092+2.3467i	-1.8025-2.9748i	1.8081+2.1522i	2.0269+2.6565i	1.7013+2.5948i	-1.6328-6.5154i
59.5	-2.1227-2.2950i	1.8674+2.3514i	-1.7705-2.9648i	1.9077+2.1595i	2.0964+2.6677i	1.7286+2.5980i	-1.7378-6.7709i
59.6	-2.2094-2.2968i	1.9350+2.3345i	-1.7606-2.9647i	1.8914+2.0999i	2.1882+2.6488i	1.7750+2.5886i	-1.6038-6.7998i
59.7	-2.2488-2.3320i	1.9396+2.3881i	-1.7591-2.9420i	1.9513+2.2680i	2.1934+2.7224i	1.7480+2.5790i	-1.4809-7.0565i
59.8	-2.3030-2.3061i	1.9852+2.3649i	-1.7849-2.9265i	2.4272+2.1054i	2.2491+2.6924i	1.8195+2.5774i	-1.4576-7.1191i
59.9	-2.3229-2.2775i	1.9785+2.3644i	-1.7448-2.9144i	-12.4934-8.6908i	2.2412+2.6998i	1.8414+2.5563i	-1.4861-6.8879i
60.0	-2.3391-2.2793i	2.0218+2.3860i	-1.7909-2.9199i	-33.9803+19.2998i	2.3323+2.7362i	1.8146+2.5516i	-0.5459-7.3210i
60.1	-2.4582-2.3122i	2.1271+2.3907i	-1.8157-2.9104i	-15.1529+16.4361i	2.4465+2.7241i	1.8937+2.4937i	-0.3397-7.5234i
60.2	-2.5699-2.3304i	2.1867+2.4007i	-1.7702-2.8893i	0.7839+2.2569i	2.4986+2.7288i	1.9545+2.4668i	-0.6876-7.4264i
60.3	-2.6462-2.3609i	2.2311+2.4503i	-1.7358-2.8597i	2.4506+2.1329i	2.5652+2.7805i	1.9477+2.4556i	-1.2989-7.7394i
60.4	-2.7060-2.3529i	2.3020+2.4696i	-1.7228-2.8514i	2.2797+2.2143i	2.6511+2.7971i	1.9770+2.4288i	-1.1086-8.1625i
60.5	-2.7776-2.2938i	2.3784+2.4098i	-1.7491-2.8261i	2.4402+2.1035i	2.7386+2.7209i	1.9865+2.3351i	-1.0465-8.3776i
60.6	-2.8467-2.2726i	2.4501+2.3962i	-1.7192-2.8600i	2.4509+2.1138i	2.8254+2.7071i	1.9904+2.2702i	-1.0961-8.7264i
60.7	-2.9244-2.2527i	2.5439+2.3659i	-1.7151-2.8879i	2.5563+2.1003i	2.9278+2.6770i	2.0299+2.2486i	-0.6327-8.7102i
60.8	-3.0429-2.2177i	2.6462+2.3492i	-1.7537-2.9516i	2.6840+2.0818i	3.0600+2.6424i	2.0821+2.1962i	-0.7102-8.6346i
60.9	-3.1180-2.2217i	2.6876+2.3637i	-1.7370-2.9588i	2.7618+2.0536i	3.1081+2.6265i	2.0592+2.1534i	-1.1296-8.8850i
61.0	-3.1500-2.2288i	2.7374+2.3617i	-1.7101-2.9758i	2.7588+2.0609i	3.1637+2.6198i	2.0548+2.1294i	-0.9090-9.2758i
61.1	-3.2389-2.2370i	2.8629+2.3418i	-1.7592-3.0290i	2.8541+2.0213i	3.2996+2.5915i	2.0572+2.0634i	-1.0160-9.7044i
61.2	-3.3472-2.2102i	2.9606+2.3046i	-1.8246-3.0239i	2.9407+2.0312i	3.4206+2.5541i	2.0935+2.0364i	-1.1086-9.7463i
61.3	-3.4490-2.1605i	3.0293+2.2281i	-1.8488-3.0255i	3.0077+2.0210i	3.5111+2.4629i	2.1145+2.0305i	-1.3191-9.7079i
61.4	-3.5324-2.1476i	3.0975+2.1837i	-1.8177-3.0422i	3.1029+2.0156i	3.5823+2.4095i	2.1211+2.0104i	-1.0026-9.8564i
61.5	-3.6739-2.0689i	3.2024+2.1007i	-1.8967-3.0692i	3.2465+1.9401i	3.7037+2.3326i	2.1699+1.9426i	-1.1605-10.6273i
61.6	-3.8590-2.0259i	3.3461+2.0807i	-1.9860-3.1161i	3.4365+1.9052i	3.8769+2.2825i	2.2242+1.9106i	-1.0611-11.1809i
61.7	-3.9485-2.0455i	3.3475+2.0664i	-1.9840-3.1542i	3.4935+1.9329i	3.8962+2.2546i	2.2000+1.9563i	-1.1120-11.6600i
61.8	-4.0707-1.9728i	3.4296+1.9819i	-2.0208-3.1676i	3.5919+1.8655i	3.9802+2.1644i	2.2261+1.8942i	-1.4817-11.9250i
61.9	-4.1642-1.8922i	3.4589+1.8851i	-2.0901-3.1064i	3.6756+1.7696i	4.0234+2.0404i	2.1495+1.8094i	-1.5648-11.8267i
62.0	-4.2430-1.8161i	3.4868+1.8515i	-2.1048-3.1230i	3.7555+1.6988i	4.0618+1.9905i	2.1564+1.7666i	-1.4121-12.1711i
62.1	-4.3788-1.7158i	3.6046+1.7610i	-2.1666-3.1508i	3.8743+1.6009i	4.1817+1.8851i	2.1844+1.7023i	-1.6458-12.7561i
62.2	-4.5118-1.6399i	3.7232+1.6800i	-2.1972-3.1731i	4.0018+1.5448i	4.3277+1.7818i	2.1725+1.7098i	-1.8101-13.1119i
62.3	-4.6072-1.5521i	3.7292+1.6573i	-2.2140-3.2192i	4.0995+1.4614i	4.3578+1.7260i	2.1836+1.6991i	-2.0657-13.5790i

62.4	-4.7153-1.4441i	3.7449+1.5261i	-2.2619-3.2106i	4.1969+1.3295i	4.3828+1.5575i	2.1267+1.6227i	-2.4466-13.7887i
62.5	-4.8387-1.2958i	3.8506+1.3879i	-2.3471-3.2282i	4.3039+1.1769i	4.4945+1.4112i	2.1436+1.5940i	-2.8919-13.8519i
62.6	-4.9000-1.2115i	3.8440+1.3574i	-2.3817-3.2489i	4.3226+1.1114i	4.4895+1.3672i	2.0909+1.6329i	-2.9520-14.2067i
62.7	-4.9987-1.0687i	3.9087+1.2635i	-2.4801-3.2730i	4.4289+0.9862i	4.5622+1.2331i	2.1096+1.6001i	-3.6011-14.9390i
62.8	-5.1360-0.8857i	3.9597+1.1566i	-2.6184-3.2949i	4.5239+0.7908i	4.6083+1.0927i	2.1131+1.5993i	-4.1136-15.2748i
62.9	-5.2320-0.7419i	3.9950+1.0508i	-2.6705-3.3049i	4.6103+0.6765i	4.6369+0.9559i	2.1138+1.5746i	-4.4629-15.8432i
63.0	-5.3291-0.5975i	3.9936+0.9106i	-2.7443-3.3412i	4.6976+0.5683i	4.6711+0.7817i	2.1347+1.6133i	-4.9025-16.6160i
63.1	-5.3925-0.4446i	3.9851+0.7915i	-2.8261-3.3628i	4.7354+0.4148i	4.6574+0.6384i	2.1242+1.6195i	-5.1352-16.5590i
63.2	-5.4653-0.2530i	3.9892+0.6593i	-2.9581-3.3557i	4.7742+0.2095i	4.6488+0.4740i	2.1153+1.6278i	-5.6754-16.7655i
63.3	-5.4929-0.1001i	3.9899+0.5788i	-3.0379-3.3431i	4.7982+0.0481i	4.6473+0.3741i	2.1458+1.6206i	-6.5365-17.1249i
63.4	-5.5583+0.0175i	3.9778+0.5197i	-3.1209-3.3531i	4.8349-0.0773i	4.6185+0.2931i	2.1699+1.6698i	-7.3517-17.4587i
63.5	-5.6276+0.2645i	3.9172+0.3910i	-3.2687-3.3233i	4.8163-0.3151i	4.5355+0.1110i	2.2151+1.6953i	-7.8607-17.9798i
63.6	-5.6693+0.4598i	3.8418+0.2805i	-3.3870-3.3390i	4.8295-0.4948i	4.4753-0.0490i	2.2976+1.7430i	-8.3093-18.1762i
63.7	-5.7115+0.6513i	3.8086+0.1525i	-3.5715-3.2951i	4.7793-0.6779i	4.4249-0.2214i	2.3494+1.7340i	-9.6383-17.8914i
63.8	-5.7031+0.8401i	3.7252+0.0939i	-3.7005-3.1998i	4.6608-0.8181i	4.2927-0.2921i	2.4375+1.7479i	-10.4086-17.5718i
63.9	-5.7156+1.0341i	3.6632+0.0915i	-3.8166-3.1423i	4.5775-0.9489i	4.2208-0.3232i	2.5202+1.7617i	-11.0282-17.7105i
64.0	-5.7194+1.2013i	3.6570+0.0790i	-3.9245-2.9981i	4.5103-0.9863i	4.1872-0.3489i	2.6350+1.7892i	-11.4593-17.8547i
64.1	-5.7390+1.4454i	3.5746+0.0028i	-4.0597-2.8960i	4.4847-1.0973i	4.0918-0.4490i	2.7359+1.7008i	-11.9162-17.8747i
64.2	-5.7865+1.7393i	3.5388-0.0776i	-4.2155-2.9032i	4.4946-1.2345i	4.0353-0.5725i	2.8574+1.6101i	-13.2402-17.4902i
64.3	-5.6977+1.9116i	3.4610-0.0849i	-4.2959-2.7222i	4.3607-1.2451i	3.9154-0.5676i	2.8901+1.6001i	-14.5260-16.9346i
64.4	-5.6389+2.1570i	3.3727-0.1116i	-4.4663-2.5580i	4.2886-1.3750i	3.7794-0.6165i	2.9298+1.5115i	-15.5143-16.3940i
64.5	-5.6346+2.3685i	3.2520-0.2299i	-4.5149-2.4419i	4.3490-1.4373i	3.6640-0.7356i	3.0688+1.4533i	-15.8487-15.8208i
64.6	-5.4976+2.6591i	3.0710-0.1528i	-4.6188-2.2431i	4.2557-1.5020i	3.4446-0.6536i	3.1556+1.3419i	-16.4673-14.9947i
64.7	-5.4159+2.8878i	3.0342-0.0063i	-4.7168-2.0392i	4.2612-1.5651i	3.3757-0.5338i	3.3014+1.2709i	-17.0354-14.6779i
64.8	-5.3140+3.0495i	2.9039+0.0951i	-4.7099-1.8748i	4.2399-1.6572i	3.2467-0.4488i	3.3388+1.1607i	-17.4997-14.1321i
64.9	-5.1904+3.3247i	2.8409+0.1466i	-4.7634-1.6193i	4.2661-1.7671i	3.1935-0.3988i	3.4042+0.9714i	-17.9520-13.1704i
65.0	-5.0410+3.6552i	2.7066+0.2754i	-4.8057-1.4373i	4.2966-2.0104i	3.0467-0.2967i	3.4806+0.7324i	-18.8914-12.2783i
65.1	-4.8848+3.8592i	2.6364+0.5133i	-4.6869-1.2742i	4.2855-2.1346i	2.9510-0.0739i	3.4916+0.6153i	-18.9616-11.6530i
65.2	-4.7106+4.0302i	2.6947+0.6825i	-4.6314-1.0848i	4.2303-2.2089i	2.9882+0.0960i	3.4477+0.5407i	-19.1039-11.0712i
65.3	-4.4998+4.2847i	2.6148+0.9135i	-4.5279-0.9606i	4.1846-2.4025i	2.8999+0.2827i	3.4663+0.3656i	-19.4987-10.4161i
65.4	-4.1188+4.4861i	2.7710+1.1777i	-4.3647-0.8506i	4.0818-2.5766i	3.0315+0.5202i	3.3964+0.1849i	-19.6487-9.4642i
65.5	-3.8815+4.6787i	2.9322+1.3217i	-4.2667-0.7289i	4.0386-2.7310i	3.1714+0.6428i	3.3719+0.0884i	-19.6808-9.1429i
65.6	-3.6161+4.8409i	3.0994+1.5391i	-4.1888-0.7016i	3.9434-2.8918i	3.2928+0.8353i	3.3437-0.0459i	-19.5093-8.5916i
65.7	-3.3151+4.9265i	3.4742+1.7446i	-4.1163-0.7088i	3.8355-3.0440i	3.6322+1.0062i	3.3330-0.1639i	-19.6297-7.8029i
65.8	-3.0043+4.9428i	3.8210+1.8925i	-4.0443-0.7325i	3.7056-3.1751i	3.9380+1.1262i	3.3063-0.2074i	-19.6414-7.0521i
65.9	-2.7332+5.0435i	4.0911+1.9320i	-4.0216-0.7505i	3.5621-3.3327i	4.1635+1.1576i	3.3136-0.2889i	-19.7006-6.4549i
66.0	-2.3396+5.1171i	4.6642+1.9469i	-4.0474-0.8290i	3.4107-3.5451i	4.6526+1.1424i	3.3492-0.4950i	-19.5955-6.1004i
66.1	-1.9869+5.0369i	4.8976+1.9367i	-4.0367-0.7426i	3.1766-3.6008i	4.8342+1.1217i	3.2237-0.5639i	-19.6892-5.6720i
66.2	-1.6906+4.9532i	5.2726+1.7995i	-4.0775-0.6993i	2.9683-3.6629i	5.1563+0.9834i	3.1955-0.7043i	-19.5990-5.0838i
66.3	-1.4346+4.8292i	5.7696+1.5317i	-4.1456-0.7197i	2.8266-3.6702i	5.5842+0.7296i	3.1854-0.8441i	-19.5786-4.8389i
66.4	-1.2065+4.6828i	6.0725+1.3104i	-4.1639-0.6286i	2.6381-3.6655i	5.8266+0.5225i	3.0954-0.9123i	-19.4745-4.3615i
66.5	-1.0319+4.5037i	6.4064+0.9554i	-4.2123-0.5615i	2.4880-3.6265i	6.1007+0.1992i	3.0233-1.0207i	-19.4007-4.0860i
66.6	-0.7905+4.3265i	6.7309+0.4564i	-4.3107-0.4239i	2.2889-3.6478i	6.3557-0.2508i	2.9537-1.1786i	-19.3102-3.7251i
66.7	-0.5524+4.2080i	7.0270+0.1093i	-4.3983-0.3623i	2.1178-3.7027i	6.5975-0.5736i	2.8538-1.3731i	-19.5278-3.2013i
66.8	-0.4268+4.0301i	7.1153-0.2620i	-4.4046-0.3012i	2.0051-3.6685i	6.6439-0.9102i	2.7315-1.4655i	-19.2842-2.5073i
66.9	-0.3354+3.8412i	7.1861-0.6740i	-4.3755-0.2147i	1.9179-3.6021i	6.6757-1.2721i	2.6352-1.5066i	-19.2550-2.1434i
67.0	-0.2398+3.7123i	7.2083-1.1212i	-4.3267-0.0726i	1.8009-3.6326i	6.6759-1.6655i	2.5798-1.5792i	-19.1723-1.7280i
67.1	-0.1491+3.4693i	7.1776-1.5845i	-4.3636+0.0422i	1.6451-3.5746i	6.6099-2.0570i	2.4150-1.6571i	-18.8598-1.3157i
67.2	-0.1338+3.2379i	7.1075-1.8997i	-4.3312+0.0696i	1.5410-3.4725i	6.5196-2.3317i	2.2798-1.7290i	-18.5230-0.8372i
67.3	-0.1587+3.0936i	6.9881-2.2967i	-4.2623+0.1252i	1.4865-3.4416i	6.3914-2.6861i	2.1503-1.7869i	-18.5257-0.3110i
67.4	-0.1647+2.9743i	6.9203-2.6215i	-4.3164+0.2512i	1.4155-3.4367i	6.3194-2.9410i	2.0260-1.8224i	-18.4724+0.2723i
67.5	-0.2317+2.8232i	6.8979-2.8422i	-4.3776+0.2905i	1.3478-3.3687i	6.2891-3.1259i	1.8998-1.8615i	-18.2508+0.4889i
67.6	-0.2840+2.6908i	6.6877-3.2156i	-4.3234+0.3764i	1.2620-3.3137i	6.0749-3.4550i	1.7090-1.8867i	-18.0372+0.7541i
67.7	-0.3384+2.6818i	6.5396-3.6255i	-4.3776+0.4738i	1.2293-3.3473i	5.9150-3.8185i	1.5818-1.8963i	-18.0584+1.1592i
67.8	-0.3465+2.6346i	6.3109-3.8882i	-4.3844+0.5526i	1.1471-3.3122i	5.6856-4.0359i	1.4664-1.9022i	-18.0417+1.8338i
67.9	-0.3441+2.5946i	6.1255-4.1570i	-4.3771+0.6701i	1.0901-3.2646i	5.5028-4.2607i	1.3732-1.8451i	-17.5073+2.2663i
68.0	-0.3727+2.5622i	5.8906-4.3690i	-4.3815+0.7690i	1.0392-3.2201i	5.2888-4.4284i	1.2784-1.8088i	-16.9424+2.5894i
68.1	-0.4074+2.5442i	5.7517-4.5859i	-4.4135+0.8882i	0.9979-3.2067i	5.1577-4.6095i	1.2009-1.7989i	-16.5494+2.9986i
68.2	-0.3865+2.4826i	5.4709-4.6161i	-4.3374+0.9820i	0.9056-3.1659i	4.9004-4.6057i	1.1181-1.7916i	-16.0420+3.8463i
68.3	-0.3944+2.4788i	5.2370-4.7704i	-4.3431+1.1356i	0.8534-3.1315i	4.6779-4.7208i	1.0773-1.7658i	-15.6627+3.9359i
68.4	-0.3982+2.5014i	5.1219-5.0229i	-4.3944+1.3280i	0.8138-3.1454i	4.5657-4.9439i	1.0373-1.7795i	-15.3170+3.7262i
68.5	-0.3816+2.5279i	4.7990-5.2568i	-4.2849+1.4771i	0.7484-3.1518i	4.2745-5.1449i	0.9592-1.8283i	-15.0521+3.8132i
68.6	-0.3269+2.5093i	4.5162-5.3487i	-4.1862+1.6443i	0.6783-3.1320i	4.0134-5.2124i	0.8708-1.8310i	-14.8649+4.3454i

68.7	−0.2825+2.4979i	4.2181−5.4136i	−4.1000+1.8338i	0.6042−3.1254i	3.7448−5.2419i	0.8085−1.8483i	−14.3958+4.6917i
68.8	−0.2969+2.4615i	4.0030−5.5214i	−4.0120+1.9600i	0.5823−3.0887i	3.5517−5.3293i	0.7385−1.8203i	−14.0146+4.8924i
68.9	−0.2674+2.4066i	3.7855−5.4810i	−3.8668+2.0218i	0.5376−3.0175i	3.3454−5.2782i	0.6736−1.8078i	−13.3393+4.8623i
69.0	−0.2499+2.4249i	3.5134−5.5645i	−3.7821+2.2002i	0.4833−3.0202i	3.0965−5.3353i	0.5976−1.8080i	−12.9830+4.9275i
69.1	−0.2271+2.3715i	3.2790−5.5972i	−3.6647+2.3193i	0.4199−2.9771i	2.8749−5.3443i	0.4922−1.7918i	−12.8936+4.8744i
69.2	−0.1977+2.3550i	3.0463−5.6549i	−3.5145+2.4123i	0.3772−2.9571i	2.6552−5.3780i	0.3968−1.7890i	−12.4130+5.0059i
69.3	−0.1545+2.3603i	2.7863−5.7687i	−3.3899+2.5791i	0.3083−2.9817i	2.4211−5.4634i	0.3102−1.8101i	−12.1320+5.3327i
69.4	−0.0847+2.3040i	2.5508−5.7767i	−3.2356+2.6778i	0.2357−2.9577i	2.2015−5.4531i	0.2173−1.8127i	−11.7660+5.3411i
69.5	−0.0267+2.2437i	2.1682−5.7767i	−2.9868+2.7364i	0.1479−2.9187i	1.8478−5.4367i	0.0939−1.8020i	−11.2633+5.2194i
69.6	−0.0128+2.1640i	1.9828−5.6015i	−2.8296+2.6989i	0.0910−2.8372i	1.6852−5.2539i	−0.0130−1.7445i	−10.9224+5.2047i
69.7	−0.0523+2.1113i	1.8425−5.4589i	−2.6989+2.6803i	0.0925−2.7755i	1.5713−5.1263i	−0.0941−1.6803i	−10.5964+5.1170i
69.8	−0.0248+2.0677i	1.6281−5.4248i	−2.5261+2.7303i	0.0556−2.7345i	1.3916−5.0721i	−0.1501−1.6680i	−10.1678+5.0474i
69.9	−0.0132+2.0099i	1.4148−5.3522i	−2.3591+2.7570i	−0.0141−2.6980i	1.2142−4.9880i	−0.2434−1.6250i	−9.5091+5.0576i
70.0	−0.0212+1.9795i	1.2616−5.2613i	−2.1900+2.7756i	−0.0654−2.6631i	1.0899−4.8747i	−0.3125−1.5795i	−9.2477+5.0980i
70.1	−0.0413+1.9400i	1.1284−5.2172i	−2.0381+2.7573i	−0.0695−2.6499i	0.9930−4.8122i	−0.3447−1.5487i	−9.1034+5.1798i
70.2	−0.0385+1.8919i	0.9553−5.1191i	−1.8972+2.7504i	−0.1246−2.6165i	0.8416−4.7228i	−0.4141−1.4953i	−8.7729+4.7298i
70.3	−0.0715+1.8509i	0.8497−4.9948i	−1.7140+2.6909i	−0.1607−2.5486i	0.7607−4.6099i	−0.5072−1.4418i	−8.4299+4.4039i
70.4	−0.0984+1.8301i	0.7916−4.9318i	−1.6329+2.6704i	−0.1614−2.5219i	0.7226−4.5430i	−0.5675−1.4029i	−8.1087+4.4176i
70.5	−0.1479+1.8000i	0.6886−4.8326i	−1.4658+2.6168i	−0.1782−2.4608i	0.6570−4.4543i	−0.6490−1.3282i	−8.0141+4.1728i
70.6	−0.1819+1.7696i	0.6293−4.7148i	−1.3756+2.5138i	−0.2028−2.4118i	0.6230−4.3454i	−0.6919−1.2915i	−7.9802+4.1209i
70.7	−0.2111+1.7371i	0.5273−4.6055i	−1.2309+2.4431i	−0.2383−2.3602i	0.5652−4.2333i	−0.7358−1.2543i	−7.7537+3.9589i
70.8	−0.2500+1.7404i	0.5187−4.4408i	−1.2409+2.3422i	−0.2381−2.2957i	0.5541−4.0983i	−0.8114−1.1652i	−7.5656+3.4957i
70.9	−0.2595+1.7574i	0.3820−4.3900i	−1.0784+2.2773i	−0.2784−2.2810i	0.4588−4.0631i	−0.8548−1.1299i	−7.3468+3.3271i
71.0	−0.2858+1.7695i	0.3697−4.3451i	−0.9917+2.1802i	−0.2718−2.2305i	0.4665−4.0299i	−0.8918−1.1015i	−7.2296+3.4038i
71.1	−0.3612+1.7718i	0.4100−4.2221i	−0.9705+2.0717i	−0.2367−2.1865i	0.5201−3.9136i	−0.9382−1.0396i	−7.1890+3.2066i
71.2	−0.3586+1.8225i	0.3142−4.2145i	−0.8630+2.0049i	−0.2499−2.1730i	0.4532−3.9160i	−0.9674−0.9927i	−7.0499+3.0050i
71.3	−0.3986+1.8351i	0.2934−4.1635i	−0.8183+1.9191i	−0.2358−2.1384i	0.4467−3.8843i	−1.0306−0.9359i	−7.0109+2.3916i
71.4	−0.4140+1.8734i	0.2435−4.1224i	−0.7645+1.8339i	−0.2362−2.1282i	0.4113−3.8741i	−1.0682−0.8903i	−6.5486+2.4223i
71.5	−0.4391+1.9168i	0.2484−4.1070i	−0.6992+1.7187i	−0.2181−2.1204i	0.4289−3.9041i	−1.1220−0.8542i	−6.6486+2.3456i
71.6	−0.4406+1.9101i	0.1943−4.0052i	−0.6526+1.6182i	−0.2015−2.0782i	0.4024−3.8242i	−1.1934−0.7958i	−6.8097+2.0934i
71.7	−0.3977+1.9536i	0.0904−3.9652i	−0.6293+1.5313i	−0.2253−2.0678i	0.2986−3.7939i	−1.2381−0.7357i	−7.0185+1.9840i
71.8	−0.3883+1.9675i	0.0755−3.9317i	−0.6711+1.4545i	−0.2311−2.0536i	0.2678−3.7870i	−1.2811−0.7091i	−6.9311+1.7651i
71.9	−0.3797+1.9925i	0.0311−3.8288i	−0.6782+1.3317i	−0.2416−2.0171i	0.2294−3.7163i	−1.3381−0.5825i	−6.6433+1.7688i
72.0	−0.3986+2.0312i	0.0337−3.8084i	−0.6888+1.2856i	−0.2141−2.0192i	0.2472−3.7110i	−1.3936−0.4866i	−6.9443+1.6826i
72.1	−0.4124+2.0096i	0.0956−3.6822i	−0.7219+1.1475i	−0.1885−1.9706i	0.2906−3.6011i	−1.4221−0.4608i	−6.9265+1.5834i
72.2	−0.3422+2.0156i	0.0164−3.5891i	−0.7281+0.9637i	−0.2223−1.9272i	0.2014−3.5535i	−1.4467−0.4875i	−6.3481+1.3401i
72.3	−0.2400+2.0684i	−0.1123−3.5785i	−0.7240+0.9446i	−0.2617−1.9175i	0.0578−3.5512i	−1.4529−0.3956i	−6.3118+1.2762i
72.4	−0.2808+2.1096i	−0.0453−3.6028i	−0.8720+0.9418i	−0.2276−1.9544i	0.1039−3.5976i	−1.5325−0.2552i	−6.3679+1.2771i
72.5	−0.2772+2.1073i	−0.0187−3.5525i	−0.9849+0.9255i	−0.1984−1.9452i	0.1025−3.5594i	−1.5968−0.1836i	−6.4080+1.0630i
72.6	−0.2647+2.1333i	−0.0147−3.5258i	−0.9752+0.8523i	−0.1803−1.9402i	0.1190−3.5305i	−1.5876−0.1522i	−6.4906+0.9161i
72.7	−0.2208+2.1440i	−0.0561−3.5102i	−1.0172+0.7882i	−0.2107−1.9310i	0.0625−3.5140i	−1.6078−0.1232i	−6.3175+0.6536i
72.8	−0.1613+2.1710i	−0.1470−3.5280i	−0.9925+0.7827i	−0.2598−1.9412i	−0.0350−3.5404i	−1.6135−0.0523i	−6.4736+0.4896i
72.9	−0.1537+2.1420i	−0.1412−3.4447i	−1.1290+0.7250i	−0.2296−1.9188i	−0.0512−3.4745i	−1.7205−0.0200i	−6.4002+0.3083i
73.0	−0.1315+2.1595i	−0.1268−3.4413i	−1.2134+0.7783i	−0.2209−1.9222i	−0.0349−3.4603i	−1.7995+0.1173i	−6.2932+0.1078i
73.1	−0.0848+2.1871i	−0.1774−3.4291i	−1.3337+0.7828i	−0.2695−1.9394i	−0.1224−3.4617i	−1.8379+0.2404i	−6.3443+0.0524i
73.2	−0.0984+2.1565i	−0.1127−3.3823i	−1.4243+0.7228i	−0.2351−1.9196i	−0.0705−3.4144i	−1.8851+0.2259i	−6.5649+0.1748i
73.3	−0.1004+2.1356i	−0.0634−3.3607i	−1.5654+0.7542i	−0.2010−1.9097i	−0.0622−3.3834i	−1.9901+0.3128i	−6.7225+0.1966i
73.4	−0.0773+2.1371i	−0.0491−3.3421i	−1.6008+0.7326i	−0.1940−1.8925i	−0.0430−3.3702i	−1.9865+0.3542i	−6.3288−0.1112i
73.5	−0.0458+2.1219i	−0.0624−3.3226i	−1.6745+0.8426i	−0.2051−1.9047i	−0.0698−3.3314i	−2.0683+0.5112i	−6.4042−0.2893i
73.6	−0.0494+2.1281i	−0.0311−3.3607i	−1.8220+0.9552i	−0.1954−1.9320i	−0.0659−3.3543i	−2.2356+0.6866i	−6.7168−0.4385i
73.7	−0.0747+2.0839i	0.0047−3.2920i	−1.9606+0.9532i	−0.1777−1.9053i	−0.0499−3.2810i	−2.3363+0.7729i	−6.7157−0.3842i
73.8	−0.0694+2.0756i	−0.0174−3.2633i	−1.9348+0.9999i	−0.1691−1.8950i	−0.0563−3.2384i	−2.3069+0.8898i	−6.8611−0.4929i
73.9	−0.0653+2.1215i	0.0125−3.3322i	−2.0179+1.1562i	−0.1525−1.9272i	−0.0301−3.3062i	−2.3455+1.1308i	−6.9570−0.5573i
74.0	−0.0376+2.1293i	−0.0185−3.3702i	−2.0329+1.2580i	−0.1720−1.9558i	−0.0654−3.3461i	−2.3640+1.2600i	−6.8404−0.6436i
74.1	−0.0793+2.0437i	0.0440−3.2626i	−2.1006+1.3253i	−0.1522−1.9226i	−0.0343−3.2348i	−2.3646+1.3787i	−6.9569−0.8525i
74.2	−0.1040+2.0914i	0.0648−3.3422i	−2.1175+1.4773i	−0.1466−1.9761i	−0.0072−3.2929i	−2.3329+1.5530i	−6.9438−0.9947i
74.3	−0.1413+2.1457i	0.0965−3.4471i	−2.1262+1.6153i	−0.1205−2.0431i	0.0297−3.3953i	−2.3068+1.7542i	−7.0450−0.9530i
74.4	−0.1904+2.1249i	0.1634−3.4312i	−2.1574+1.6698i	−0.0871−2.0195i	0.0789−3.3615i	−2.3481+1.8452i	−6.8767−0.9263i
74.5	−0.2445+2.2022i	0.2313−3.5612i	−2.1920+1.8590i	−0.0684−2.1053i	0.1316−3.4667i	−2.3686+2.0986i	−6.9421−1.1099i
74.6	−0.2661+2.3876i	0.2114−3.8498i	−2.1759+2.2122i	−0.1070−2.2632i	0.1033−3.7198i	−2.2928+2.5016i	−7.4825−1.1864i
74.7	−0.3255+2.4627i	0.2715−3.9704i	−2.1362+2.4573i	−0.0851−2.3322i	0.1792−3.7912i	−2.2419+2.7626i	−7.4730−1.2673i
74.8	−0.2814+2.5310i	0.1858−4.0462i	−2.0358+2.4615i	−0.1464−2.3768i	0.1042−3.8706i	−2.1755+2.8121i	−7.6518−1.3239i
74.9	−0.1927+2.6302i	0.0457−4.1630i	−1.9167+2.5390i	−0.2292−2.4304i	−0.0497−3.9775i	−2.0253+2.9586i	−7.6626−1.6266i

75.0	-0.1154+2.7123i	-0.1066-4.2673i	-1.7039+2.7124i	-0.3160-2.4625i	-0.1754-4.0390i	-1.7731+3.1846i	-7.9967-1.5601i
75.1	-0.0978+2.7535i	-0.1705-4.3326i	-1.6653+2.8334i	-0.3484-2.4867i	-0.2249-4.0881i	-1.7309+3.3783i	-8.2278-1.5823i
75.2	-0.0096+2.7680i	-0.3052-4.3400i	-1.6066+2.8748i	-0.4141-2.4926i	-0.3745-4.0890i	-1.6670+3.4488i	-8.3486-1.5250i
75.3	0.0912+2.8372i	-0.4928-4.4046i	-1.4174+2.9632i	-0.5189-2.5489i	-0.5379-4.1587i	-1.4222+3.5836i	-8.5003-1.6954i
75.4	0.1687+2.9722i	-0.6656-4.5777i	-1.1447+3.2110i	-0.6245-2.6251i	-0.6489-4.2916i	-1.1597+3.9291i	-8.8176-1.5095i
75.5	0.3021+3.0256i	-0.8647-4.6513i	-1.0255+3.3390i	-0.7421-2.6292i	-0.8398-4.3315i	-1.0210+4.1351i	-9.0556-1.5519i
75.6	0.3794+3.0935i	-0.9869-4.7984i	-0.9133+3.5649i	-0.7962-2.6993i	-0.9534-4.4358i	-0.8980+4.4516i	-9.2970-1.4498i
75.7	0.4594+3.0878i	-1.1456-4.7759i	-0.7476+3.5391i	-0.9012-2.6855i	-1.0974-4.4169i	-0.6725+4.5529i	-9.2052-1.1944i
75.8	0.6183+3.0832i	-1.3878-4.6619i	-0.4558+3.3684i	-1.0152-2.6104i	-1.2900-4.3370i	-0.2760+4.4556i	-9.1027-1.1673i
75.9	0.7344+3.0262i	-1.5965-4.5178i	-0.1643+3.3437i	-1.1125-2.5184i	-1.4767-4.1999i	0.1356+4.4602i	-9.2591-1.0924i
76.0	0.9571+3.0500i	-1.9725-4.4739i	0.3176+3.3707i	-1.3160-2.4806i	-1.7778-4.1578i	0.7801+4.5333i	-9.3114-0.8609i
76.1	1.0627+3.0946i	-2.1408-4.5056i	0.4164+3.4510i	-1.4245-2.5031i	-1.9211-4.1700i	0.9419+4.6958i	-9.7113-1.0076i
76.2	1.1823+2.9864i	-2.3128-4.3129i	0.5636+3.2908i	-1.5165-2.3876i	-2.0868-3.9972i	1.1968+4.5422i	-9.9562-0.9107i
76.3	1.2622+2.9015i	-2.4345-4.1434i	0.7578+3.1445i	-1.5714-2.2913i	-2.1825-3.8438i	1.4779+4.4048i	-9.8859-0.8814i
76.4	1.4193+2.8550i	-2.6756-3.9641i	1.0665+2.9466i	-1.6911-2.1751i	-2.3622-3.6900i	1.9043+4.2035i	-9.6147-0.6284i
76.5	1.5247+2.8011i	-2.8507-3.8443i	1.2811+2.9953i	-1.7703-2.1207i	-2.5051-3.5759i	2.2912+4.2514i	-9.7082-0.3141i
76.6	1.4922+2.6796i	-2.8001-3.6538i	1.3493+2.9044i	-1.7246-2.0345i	-2.4567-3.4021i	2.4621+4.1159i	-10.0399-0.4214i
76.7	1.5236+2.6279i	-2.7837-3.5448i	1.3066+2.6604i	-1.7186-1.9679i	-2.4648-3.3109i	2.4601+3.8438i	-10.1189-0.4896i
76.8	1.6099+2.5705i	-2.8941-3.3859i	1.5337+2.5338i	-1.7542-1.8784i	-2.5268-3.1946i	2.7747+3.6745i	-10.3063-0.2190i
76.9	1.6349+2.5042i	-2.8679-3.2104i	1.4752+2.2055i	-1.7263-1.7765i	-2.5116-3.0540i	2.7335+3.2881i	-10.1220-0.3471i
77.0	1.6634+2.4991i	-2.8418-3.1735i	1.4796+2.0438i	-1.7093-1.7661i	-2.5052-3.0331i	2.7725+3.1159i	-10.3147-0.2580i
77.1	1.5915+2.4077i	-2.8051-3.0197i	1.6536+2.0314i	-1.6714-1.7002i	-2.4324-2.8912i	3.0410+3.0889i	-10.8133-0.1373i
77.2	1.5961+2.3973i	-2.7451-2.9440i	1.7098+1.8528i	-1.6147-1.6437i	-2.3504-2.8386i	3.1515+2.8529i	-10.7714+0.1253i
77.3	1.6454+2.3657i	-2.7643-2.8698i	1.7294+1.6450i	-1.6130-1.6269i	-2.3689-2.8124i	3.2786+2.5821i	-10.3909+0.3158i
77.4	1.6545+2.3373i	-2.7751-2.7985i	1.6485+1.5471i	-1.6300-1.6096i	-2.4054-2.7461i	3.2522+2.4213i	-10.2687+0.5590i
77.5	1.6773+2.3510i	-2.7656-2.8398i	1.5223+1.4522i	-1.6363-1.6484i	-2.4125-2.7990i	3.1517+2.3192i	-10.4113+0.6387i
77.6	1.7368+2.3263i	-2.8170-2.7465i	1.6330+1.2745i	-1.6672-1.6172i	-2.4340-2.7375i	3.3132+2.0419i	-10.5954+0.5554i
77.7	1.7826+2.3075i	-2.8606-2.6900i	1.6945+1.1223i	-1.6597-1.6174i	-2.4478-2.6844i	3.3743+1.7961i	-10.6410+0.7136i
77.8	1.8326+2.2456i	-2.8895-2.6305i	1.6219+1.0382i	-1.7075-1.5865i	-2.4972-2.6394i	3.3185+1.6257i	-10.5383+0.8836i
77.9	1.9118+2.2229i	-2.9471-2.5555i	1.6133+0.8604i	-1.7683-1.5632i	-2.5536-2.6049i	3.3341+1.3996i	-10.3166+1.0395i
78.0	1.9745+2.1604i	-2.9695-2.4282i	1.5553+0.7431i	-1.7938-1.4972i	-2.6067-2.5013i	3.2327+1.2364i	-9.8697+1.1057i
78.1	2.0638+2.1531i	-3.0640-2.3689i	1.5469+0.5534i	-1.8926-1.4693i	-2.7020-2.4834i	3.2349+0.9748i	-10.5973+1.4422i
78.2	2.0786+2.0885i	-3.0656-2.2618i	1.5056+0.5237i	-1.9000-1.4044i	-2.7097-2.4032i	3.1964+0.8762i	-10.5999+1.5366i
78.3	2.1368+2.0210i	-3.1233-2.1559i	1.4190+0.5461i	-1.9525-1.3082i	-2.7900-2.2755i	3.1200+0.8358i	-10.3979+1.5999i
78.4	2.1916+1.9808i	-3.1343-2.0765i	1.3027+0.4943i	-1.9814-1.2543i	-2.8286-2.2150i	2.9565+0.7846i	-10.5433+1.8388i
78.5	2.2983+1.9823i	-3.2284-1.9861i	1.3887+0.3082i	-2.0524-1.1901i	-2.9047-2.1877i	3.0305+0.5294i	-10.6796+2.2831i
78.6	2.3530+1.9038i	-3.2536-1.8749i	1.3989+0.2712i	-2.0874-1.1141i	-2.9282-2.0886i	3.0013+0.4536i	-10.4959+2.5448i
78.7	2.3537+1.7769i	-3.2107-1.7236i	1.3196+0.2486i	-2.0301-1.0169i	-2.8849-1.9362i	2.8783+0.4160i	-10.3796+2.4389i
78.8	2.3074+1.6895i	-3.1102-1.6425i	1.3583+0.1554i	-2.0056-0.9913i	-2.8050-1.8773i	2.8892+0.3223i	-10.4564+2.3862i
78.9	2.2217+1.6342i	-3.0524-1.5694i	1.3126+0.0398i	-2.0210-0.9304i	-2.7685-1.8489i	2.8465+0.2217i	-10.2765+2.4721i
79.0	2.1968+1.8052i	-3.0523-1.6556i	1.0691-0.0944i	-2.0766-0.8897i	-2.8383-1.9931i	2.6639+0.1142i	-10.1628+2.3738i
79.1	2.4203+1.8622i	-3.1718-1.6153i	0.8552-0.0962i	-2.1202-0.7616i	-3.0616-1.9408i	2.4656+0.0722i	-10.2812+2.6381i
79.2	2.6053+1.6973i	-3.2631-1.4427i	0.7348-0.0360i	-2.1100-0.6412i	-3.1957-1.7324i	2.3183+0.0642i	-10.5127+2.9362i
79.3	2.6851+1.5944i	-3.2415-1.3322i	0.8494-0.0503i	-2.0708-0.5663i	-3.1957-1.6337i	2.3924+0.0151i	-10.2582+2.7930i
79.4	2.7103+1.4824i	-3.1803-1.2537i	0.7534-0.0969i	-2.0114-0.5317i	-3.1756-1.5155i	2.2269+0.0254i	-9.8626+2.8773i
79.5	2.7122+1.3759i	-3.1160-1.1719i	0.7171-0.1164i	-1.9357-0.5129i	-3.1257-1.4029i	2.1954-0.0402i	-9.5103+3.1715i
79.6	2.6763+1.2571i	-3.0350-1.0310i	0.6493-0.0648i	-1.8522-0.3991i	-3.0750-1.2403i	2.1448-0.0158i	-9.2595+3.2610i
79.7	2.6927+1.1275i	-3.0113-0.9229i	0.6109-0.0299i	-1.8133-0.3217i	-3.0629-1.0917i	2.0970+0.0045i	-9.3139+3.3491i
79.8	2.7085+1.0342i	-2.9372-0.8688i	0.6390-0.0640i	-1.7410-0.3105i	-2.9957-0.9941i	2.0684-0.0525i	-9.0866+2.9893i
79.9	2.6823+0.9902i	-2.8686-0.8410i	0.6889-0.0497i	-1.6726-0.3008i	-2.9232-0.9541i	2.0612-0.0201i	-9.2478+3.2252i
80.0	2.6362+0.8912i	-2.7995-0.7472i	0.6825-0.0468i	-1.6203-0.2567i	-2.8405-0.8493i	2.0404-0.0187i	-9.3030+3.3992i

2.1.19 Run 2 – IP270-200 – Accels 1–8

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	11.0664+0.0000i	4.2267+0.0000i	17.6275+0.0000i	23.1847+0.0000i	-3.0942+0.0000i	14.7141+0.0000i	8.3595+0.0000i	12.4504+0.0000i
0.1	11.0420+6.5461i	3.7605+1.0962i	17.4657+1.3216i	21.3428+1.3076i	-3.3091-0.1189i	12.5712+1.5449i	6.2285+0.0331i	11.0592-0.2222i
0.2	0.0372-1.3028i	1.4866-0.2103i	1.4933+0.5273i	-0.8487-6.1799i	-0.0886-0.4797i	-0.1736-0.1167i	-0.4489-1.2912i	2.5485-0.8160i
0.3	-0.9999-0.8926i	0.1564+0.1996i	-3.8889+0.3678i	0.9728+1.0609i	-0.9088-0.1960i	-1.9853-0.5678i	0.5676-0.4914i	3.6235-1.5653i
0.4	-1.6822-0.2129i	0.4916+0.0244i	-2.0915+0.0937i	0.6604+2.3126i	-1.3632-0.5203i	-0.8393-1.5315i	0.5555-0.5223i	3.4287-0.0870i
0.5	-0.9665+0.4598i	0.2604-0.0310i	-3.6223-0.6823i	0.0450+0.1673i	0.3048+0.4317i	0.1642+0.1425i	0.3347-0.1536i	-0.0127-0.5001i
0.6	0.0463+0.0100i	0.1960+0.0149i	-1.6557+0.2743i	0.0065-0.1113i	-0.0791+0.1640i	-0.1548+0.0136i	0.0294+0.1564i	0.0302-0.1336i
0.7	0.1391-0.0317i	0.1435+0.0531i	-0.7839-0.3480i	0.0102-0.0638i	-0.0231+0.0489i	-0.1272-0.0308i	-0.0022+0.0515i	0.0158+0.0497i
0.8	0.2052+0.0220i	0.2028+0.0298i	0.4163-0.0183i	-0.0080-0.0086i	-0.0159+0.0202i	-0.1831-0.0030i	0.0057-0.0133i	0.0352-0.0063i
0.9	0.3087-0.0165i	0.2880+0.0245i	0.0198-0.2515i	0.0071+0.0074i	0.0019-0.0011i	-0.2105+0.0002i	0.0022-0.0072i	0.0332+0.0042i
1.0	0.3434-0.0782i	0.3239+0.0001i	0.1650-0.0887i	0.0086+0.0082i	0.0126+0.0004i	-0.2248+0.0282i	0.0001+0.0030i	0.0138-0.0148i
1.1	0.3914-0.0622i	0.4278-0.0045i	0.1754-0.2389i	0.0062+0.0019i	0.0161-0.0082i	-0.3023+0.0390i	-0.0001+0.0070i	0.0226-0.0338i
1.2	0.5228-0.0682i	0.5477-0.0179i	0.0291-0.1591i	0.0020-0.0006i	0.0137-0.0208i	-0.4183+0.0568i	-0.0004+0.0028i	0.0424-0.0556i
1.3	0.6338-0.0953i	0.6779-0.0668i	0.1354-0.0377i	-0.0010-0.0004i	0.0003-0.0198i	-0.5159+0.1391i	0.0002+0.0011i	-0.0003-0.1289i
1.4	0.8612-0.1049i	0.8978-0.1019i	-0.0099-0.0935i	-0.0013+0.0004i	-0.0131+0.0003i	-0.5808+0.1587i	0.0001+0.0015i	-0.2947-0.0619i
1.5	1.2419-0.2900i	1.2527-0.2901i	-0.0238-0.0958i	0.0004+0.0032i	0.0022+0.0206i	-0.8811+0.1988i	0.0007+0.0011i	-0.3516+0.2774i
1.6	1.3879-0.5658i	1.3931-0.5573i	-0.0221-0.1351i	0.0013+0.0031i	0.0246+0.0220i	-1.1076+0.4135i	0.0011+0.0004i	-0.1115+0.3919i
1.7	1.1636-1.4365i	1.1694-1.4071i	-0.1318-0.0205i	0.0042+0.0025i	0.0518-0.0006i	-1.0005+1.3087i	0.0020-0.0007i	0.2479+0.2639i
1.8	0.1606-1.7927i	0.1908-1.7523i	-0.0520+0.0911i	0.0076+0.0029i	0.0572-0.0223i	-0.0189+1.7461i	0.0026-0.0004i	0.3366+0.0253i
1.9	-0.7248-1.3964i	-0.6722-1.3589i	-0.0877-0.0516i	0.0088+0.0015i	0.0551-0.0292i	0.9266+1.4038i	0.0040+0.0012i	0.2173-0.1129i
2.0	-0.7749-1.0840i	-0.7161-1.0533i	-0.1300-0.1007i	0.0093+0.0013i	0.0760-0.0322i	1.0276+1.1077i	0.0053+0.0009i	0.1735-0.1436i
2.1	-0.6428-0.7683i	-0.5794-0.7455i	-0.1675-0.0806i	0.0128+0.0003i	0.1427-0.0496i	0.9474+0.7910i	0.0090-0.0006i	0.1987-0.1457i
2.2	-0.5846-0.5735i	-0.5144-0.5578i	-0.3721+0.1513i	0.0172-0.0065i	0.2528-0.2385i	0.9392+0.5747i	0.0139-0.0086i	0.2765-0.3152i
2.3	-0.5703-0.5203i	-0.4994-0.5098i	-0.1773+0.4809i	0.0103-0.0154i	0.0480-0.4901i	0.9341+0.4974i	0.0052-0.0197i	0.0570-0.5612i
2.4	-0.5113-0.4546i	-0.4420-0.4446i	0.2404+0.2320i	-0.0026-0.0093i	-0.3331-0.2783i	0.8726+0.4561i	-0.0109-0.0112i	-0.3299-0.3550i
2.5	-0.3846-0.4023i	-0.3112-0.3908i	0.1409-0.0210i	0.0010-0.0016i	-0.2236-0.0529i	0.7912+0.4249i	-0.0063-0.0015i	-0.2228-0.1310i
2.6	-0.3056-0.3374i	-0.2242-0.3265i	0.1212-0.0332i	0.0043-0.0004i	-0.1493-0.0220i	0.7565+0.3649i	-0.0034-0.0001i	-0.1549-0.0930i
2.7	-0.2569-0.3022i	-0.1686-0.2936i	0.0720-0.0325i	0.0053+0.0006i	-0.1210-0.0156i	0.7480+0.3312i	-0.0025+0.0001i	-0.1364-0.0817i
2.8	-0.2374-0.2323i	-0.1439-0.2241i	0.0076+0.0005i	0.0074+0.0017i	-0.1034-0.0113i	0.7707+0.2584i	-0.0019-0.0002i	-0.1329-0.0615i
2.9	-0.1594-0.2123i	-0.0594-0.2046i	-0.0351+0.0107i	0.0105+0.0003i	-0.0901-0.0104i	0.7383+0.2336i	-0.0001+0.0004i	-0.1231-0.0568i
3.0	-0.1142-0.2359i	-0.0070-0.2301i	0.0333+0.0181i	0.0083-0.0010i	-0.0820-0.0075i	0.7370+0.2708i	-0.0002+0.0003i	-0.1230-0.0672i
3.1	-0.0582-0.2279i	0.0541-0.2237i	0.0491+0.0581i	0.0075-0.0004i	-0.0746-0.0077i	0.7215+0.2586i	-0.0004-0.0009i	-0.1175-0.0652i
3.2	0.0481-0.2200i	0.1681-0.2152i	-0.0363-0.0524i	0.0103-0.0001i	-0.0719-0.0093i	0.6667+0.2473i	-0.0008-0.0007i	-0.1066-0.0633i
3.3	0.1004-0.2892i	0.2276-0.2818i	0.0504-0.1118i	0.0125+0.0024i	-0.0739-0.0072i	0.6521+0.3182i	-0.0001+0.0014i	-0.1094-0.0809i
3.4	0.0548-0.3133i	0.1924-0.3091i	0.0549-0.1338i	0.0153+0.0004i	-0.0703-0.0038i	0.7489+0.3494i	0.0004+0.0009i	-0.1350-0.0865i
3.5	0.0915-0.2201i	0.2384-0.2177i	0.1164-0.1449i	0.0159-0.0014i	-0.0634-0.0019i	0.7641+0.2557i	0.0019+0.0001i	-0.1384-0.0608i
3.6	0.1228-0.2241i	0.2764-0.2207i	0.0697-0.1545i	0.0154-0.0006i	-0.0633+0.0006i	0.7806+0.2503i	0.0040+0.0004i	-0.1441-0.0564i
3.7	0.2068-0.1705i	0.3708-0.1674i	-0.0121-0.1885i	0.0164-0.0004i	-0.0604+0.0001i	0.7498+0.2008i	0.0043+0.0008i	-0.1351-0.0450i
3.8	0.2433-0.1015i	0.4179-0.0979i	-0.1165+0.0151i	0.0173-0.0014i	-0.0591-0.0009i	0.7662+0.1300i	0.0035-0.0010i	-0.1407-0.0277i
3.9	0.3689-0.0944i	0.5540-0.0896i	-0.0967-0.0010i	0.0172-0.0012i	-0.0602-0.0039i	0.6923+0.1222i	0.0022-0.0004i	-0.1258-0.0279i
4.0	0.4046-0.1095i	0.6002-0.1065i	0.0065-0.0627i	0.0195+0.0001i	-0.0585-0.0006i	0.7135+0.1337i	0.0053+0.0005i	-0.1304-0.0268i
4.1	0.4420-0.0763i	0.6466-0.0743i	0.1013+0.0973i	0.0215+0.0002i	-0.0572+0.0005i	0.7296+0.1006i	0.0059-0.0005i	-0.1358-0.0167i
4.2	0.4843-0.1074i	0.6989-0.1043i	0.2099+0.0787i	0.0245+0.0007i	-0.0583+0.0035i	0.7443+0.1330i	0.0068+0.0017i	-0.1474-0.0235i
4.3	0.6250-0.0695i	0.8534-0.0628i	0.1980+0.0164i	0.0245+0.0012i	-0.0531+0.0010i	0.6737+0.1007i	0.0066+0.0015i	-0.1309-0.0182i
4.4	0.7358-0.0610i	0.9779-0.0600i	0.1999-0.0390i	0.0243+0.0004i	-0.0529+0.0008i	0.6356+0.0891i	0.0066+0.0027i	-0.1201-0.0171i
4.5	0.8065-0.0509i	1.0642-0.0512i	0.2703+0.0089i	0.0269+0.0005i	-0.0520+0.0013i	0.6347+0.0765i	0.0069+0.0009i	-0.1150-0.0135i
4.6	0.8650-0.0357i	1.1350-0.0366i	0.1721+0.1013i	0.0290-0.0001i	-0.0520+0.0017i	0.6338+0.0655i	0.0069-0.0001i	-0.1166-0.0096i
4.7	0.9535-0.0065i	1.2356-0.0055i	-0.0269+0.0783i	0.0313+0.0002i	-0.0513+0.0022i	0.6171+0.0514i	0.0084+0.0008i	-0.1140-0.0054i
4.8	1.0569-0.0380i	1.3502-0.0370i	-0.0511+0.0555i	0.0332+0.0019i	-0.0496-0.0016i	0.5943+0.0730i	0.0092+0.0003i	-0.1098-0.0141i
4.9	1.1626-0.0501i	1.4698-0.0458i	0.1124+0.0278i	0.0323+0.0008i	-0.0481-0.0018i	0.5710+0.0787i	0.0079-0.0008i	-0.1061-0.0146i
5.0	1.2593-0.0468i	1.5874-0.0420i	0.0007+0.0092i	0.0341+0.0000i	-0.0489-0.0026i	0.5686+0.0748i	0.0077+0.0011i	-0.1068-0.0135i
5.1	1.3120-0.0560i	1.6529-0.0528i	0.0097+0.0073i	0.0363+0.0004i	-0.0484+0.0000i	0.5771+0.0821i	0.0088+0.0022i	-0.1095-0.0118i
5.2	1.3892-0.0548i	1.7471-0.0541i	0.0194-0.0520i	0.0394-0.0017i	-0.0462-0.0008i	0.5823+0.0814i	0.0097+0.0005i	-0.1117-0.0115i
5.3	1.4982-0.0364i	1.8701-0.0325i	0.0092+0.0270i	0.0425-0.0056i	-0.0453+0.0002i	0.5665+0.0721i	0.0125+0.0009i	-0.1071-0.0067i
5.4	1.5813-0.0568i	1.9697-0.0518i	-0.0889+0.0205i	0.0475-0.0060i	-0.0415+0.0095i	0.5670+0.0880i	0.0182+0.0027i	-0.1056-0.0011i
5.5	1.6702-0.0889i	2.0776-0.0862i	-0.0395-0.1869i	0.0493-0.0012i	-0.0374+0.0045i	0.5699+0.1093i	0.0180+0.0056i	-0.1068-0.0079i
5.6	1.7646-0.0675i	2.1875-0.0590i	-0.0658-0.3256i	0.0515-0.0013i	-0.0341-0.0072i	0.5694+0.0998i	0.0152+0.0048i	-0.1072-0.0151i

5.7	1.8564-0.0540i	2.3056-0.0441i	-0.2269-0.1349i	0.0550-0.0059i	-0.0413-0.0139i	0.5863+0.1000i	0.0157+0.0036i	-0.1139-0.0200i
5.8	1.9562-0.0556i	2.4243-0.0458i	-0.0357-0.0098i	0.0511-0.0076i	-0.0493-0.0057i	0.5759+0.0888i	0.0166+0.0048i	-0.1179-0.0127i
5.9	2.0144-0.0744i	2.5021-0.0671i	0.0022-0.0760i	0.0543-0.0065i	-0.0523-0.0057i	0.6072+0.1046i	0.0213+0.0097i	-0.1277-0.0137i
6.0	2.1377-0.0790i	2.6482-0.0742i	0.1788-0.0492i	0.0618-0.0129i	-0.0418-0.0023i	0.5968+0.1196i	0.0316+0.0116i	-0.1212-0.0172i
6.1	2.2639-0.0821i	2.7988-0.0815i	0.1435-0.0617i	0.0641-0.0185i	-0.0420-0.0092i	0.6017+0.1135i	0.0374+0.0036i	-0.1230-0.0208i
6.2	2.3426-0.0738i	2.8994-0.0733i	0.1126-0.1135i	0.0626-0.0184i	-0.0428-0.0146i	0.6166+0.1026i	0.0398+0.0004i	-0.1314-0.0191i
6.3	2.4797-0.0305i	3.0587-0.0232i	0.0151-0.2287i	0.0674-0.0135i	-0.0427-0.0114i	0.5979+0.0731i	0.0499-0.0020i	-0.1304-0.0164i
6.4	2.6610-0.0246i	3.2636-0.0199i	-0.1179+0.2505i	0.0693-0.0096i	-0.0429-0.0096i	0.5675+0.0612i	0.0533-0.0015i	-0.1297-0.0142i
6.5	2.7416-0.0262i	3.3621-0.0190i	-0.2227+0.2169i	0.0657-0.0099i	-0.0485-0.0139i	0.5841+0.0719i	0.0471-0.0027i	-0.1369-0.0150i
6.6	2.8739-0.0089i	3.5212+0.0005i	-0.0440+0.0882i	0.0938-0.0099i	-0.0503-0.0094i	0.5958+0.0500i	0.0799-0.0047i	-0.1514-0.0059i
6.7	2.9986+0.0291i	3.6703+0.0344i	-0.1308+0.1041i	0.1227-0.0047i	-0.0486-0.0044i	0.5913+0.0265i	0.1135-0.0003i	-0.1604-0.0026i
6.8	3.1424-0.0019i	3.8414+0.0044i	0.0257+0.0821i	0.1517-0.0137i	-0.0473-0.0063i	0.5979+0.0443i	0.1457-0.0121i	-0.1744-0.0059i
6.9	3.3170-0.0552i	4.0487-0.0541i	-0.0066-0.1038i	0.1556-0.0587i	-0.0470-0.0127i	0.5834+0.0608i	0.1501-0.0677i	-0.1783+0.0085i
7.0	3.4841-0.0269i	4.2419-0.0235i	-0.0681+0.0800i	0.1926-0.1025i	-0.0466-0.0144i	0.5612+0.0513i	0.1927-0.1201i	-0.1925+0.0280i
7.1	3.6507-0.0435i	4.4398-0.0402i	-0.2009+0.4397i	0.1836-0.2069i	-0.0495-0.0154i	0.5549+0.0498i	0.1772-0.2495i	-0.1939+0.0739i
7.2	3.8079-0.0595i	4.6256-0.0623i	-0.2003+0.5758i	0.0174-0.3212i	-0.0548-0.0092i	0.5605+0.0506i	-0.0282-0.3875i	-0.1318+0.1245i
7.3	3.9593-0.0280i	4.7999-0.0251i	-0.0039+0.3947i	-0.1277-0.2601i	-0.0533-0.0095i	0.5559+0.0544i	-0.2055-0.3167i	-0.0689+0.1019i
7.4	4.1129-0.0240i	4.9874-0.0163i	0.2579+0.2644i	-0.1262-0.1334i	-0.0496-0.0063i	0.5524+0.0456i	-0.2019-0.1590i	-0.0680+0.0520i
7.5	4.2860-0.0374i	5.1912-0.0295i	0.3793+0.1255i	-0.0849-0.0831i	-0.0532-0.0100i	0.5628+0.0567i	-0.1612-0.1011i	-0.0912+0.0297i
7.6	4.4987-0.0317i	5.4363-0.0205i	0.1582-0.1246i	-0.0752-0.0499i	-0.0524-0.0128i	0.5524+0.0608i	-0.1489-0.0597i	-0.0947+0.0160i
7.7	4.6853-0.0564i	5.6627-0.0493i	0.3361+0.0846i	-0.0518-0.0494i	-0.0545-0.0084i	0.5534+0.0641i	-0.1200-0.0569i	-0.1093+0.0124i
7.8	4.9357-0.0682i	5.9585-0.0559i	0.3042-0.0572i	-0.0487-0.0301i	-0.0528-0.0068i	0.5535+0.0622i	-0.1166-0.0332i	-0.1164+0.0053i
7.9	5.0926-0.0790i	6.1403-0.0582i	0.0969-0.0225i	-0.0260-0.0218i	-0.0459-0.0111i	0.5523+0.0666i	-0.0889-0.0287i	-0.1305+0.0075i
8.0	5.3061-0.0997i	6.3928-0.0704i	0.1200+0.0864i	-0.0162-0.0182i	-0.0472-0.0149i	0.5503+0.0680i	-0.0804-0.0269i	-0.1380+0.0086i
8.1	5.5345-0.1053i	6.6894-0.0631i	0.1894+0.0606i	-0.0077-0.0129i	-0.0563-0.0205i	0.5503+0.0703i	-0.0753-0.0284i	-0.1459+0.0070i
8.2	5.7460-0.1089i	6.9413-0.0762i	-0.0083+0.1146i	-0.0076-0.0137i	-0.0550-0.0216i	0.5454+0.0711i	-0.0758-0.0329i	-0.1486+0.0130i
8.3	6.0034-0.1332i	7.2330-0.1055i	-0.2161+0.2143i	-0.0036-0.0058i	-0.0586-0.0240i	0.5515+0.0786i	-0.0756-0.0290i	-0.1534+0.0187i
8.4	6.3024-0.1208i	7.5762-0.0755i	-0.4122+0.0800i	0.0004+0.0031i	-0.0573-0.0242i	0.5505+0.0673i	-0.0738-0.0177i	-0.1620+0.0168i
8.5	6.5288-0.1581i	7.8680-0.0819i	-0.1494+0.0847i	-0.0034+0.0040i	-0.0523-0.0236i	0.5450+0.0579i	-0.0756-0.0124i	-0.1699+0.0198i
8.6	6.7610-0.2028i	8.1591-0.1413i	-0.2409-0.1272i	-0.0111+0.0135i	-0.0506-0.0228i	0.5459+0.0680i	-0.0807-0.0021i	-0.1847+0.0231i
8.7	7.1202-0.2767i	8.5626-0.2022i	-0.3562+0.1663i	-0.0184+0.0132i	-0.0526-0.0212i	0.5461+0.0811i	-0.0875-0.0027i	-0.1990+0.0289i
8.8	7.4029-0.3558i	8.8987-0.2515i	-0.0843+0.3464i	-0.0050+0.0248i	-0.0611-0.0290i	0.5314+0.0830i	-0.0808-0.0023i	-0.2019+0.0409i
8.9	7.6704-0.4408i	9.2360-0.2769i	-0.0681+0.1344i	0.0002+0.0365i	-0.0694-0.0311i	0.5302+0.0893i	-0.0775+0.0007i	-0.2143+0.0567i
9.0	7.8874-0.5683i	9.6082-0.3750i	-0.1647+0.1811i	-0.0005+0.0608i	-0.0709-0.0361i	0.5211+0.0916i	-0.0747+0.0121i	-0.2246+0.0780i
9.1	8.0467-0.5346i	9.9170-0.3701i	0.0751+0.1934i	0.0144+0.0684i	-0.0736-0.0402i	0.5124+0.1066i	-0.0694+0.0118i	-0.2238+0.0996i
9.2	8.4117-0.4113i	10.3928-0.3351i	-0.1983+0.4382i	0.0210+0.0819i	-0.0788-0.0378i	0.4929+0.1253i	-0.0693+0.0098i	-0.2275+0.1188i
9.3	8.7983-0.3858i	10.8311-0.3631i	-0.0092+0.8621i	0.0446+0.1212i	-0.0867-0.0359i	0.4916+0.1343i	-0.0623+0.0219i	-0.2107+0.1618i
9.4	9.1954-0.3765i	11.2788-0.3861i	0.5500+1.0382i	0.1005+0.1362i	-0.0953-0.0313i	0.4935+0.1568i	-0.0509+0.0225i	-0.1658+0.1901i
9.5	9.6732-0.3737i	11.8288-0.3899i	0.6749+0.7760i	0.1613+0.0959i	-0.0994-0.0230i	0.5057+0.1742i	-0.0327+0.0096i	-0.1105+0.1559i
9.6	10.0924-0.3691i	12.3078-0.3908i	0.6937+0.2361i	0.1887+0.0700i	-0.0962-0.0249i	0.5143+0.1890i	-0.0296+0.0033i	-0.0852+0.1284i
9.7	10.5618-0.4672i	12.8649-0.5085i	0.3243+0.3667i	0.1903+0.0290i	-0.0978-0.0310i	0.5425+0.2128i	-0.0303-0.0103i	-0.0915+0.0956i
9.8	11.0303-0.5757i	13.4196-0.6285i	0.3163+0.5886i	0.1912+0.0082i	-0.1037-0.0322i	0.5507+0.2351i	-0.0344-0.0151i	-0.1040+0.0713i
9.9	11.5403-0.6264i	14.0246-0.6887i	0.4446+0.6734i	0.1916+0.0024i	-0.1089-0.0301i	0.5636+0.2416i	-0.0421-0.0111i	-0.1180+0.0696i
10.0	12.1561-0.7657i	14.7383-0.8308i	0.2352+0.3337i	0.1692-0.0065i	-0.1177-0.0240i	0.5848+0.2549i	-0.0590-0.0078i	-0.1437+0.0754i
10.1	12.7297-0.9237i	15.4164-0.9516i	0.3837+0.3930i	0.1531-0.0035i	-0.1236-0.0233i	0.5970+0.2705i	-0.0743-0.0050i	-0.1679+0.0771i
10.2	13.1270-1.0527i	15.9868-1.0632i	0.2938+0.2937i	0.1591-0.0015i	-0.1272-0.0183i	0.6169+0.2894i	-0.0750-0.0045i	-0.1743+0.0871i
10.3	13.5945-1.1317i	16.5805-1.2097i	0.1849+0.1566i	0.1832+0.0244i	-0.1321-0.0126i	0.6485+0.3181i	-0.0630+0.0153i	-0.1799+0.1172i
10.4	14.3396-1.1837i	17.4471-1.3013i	0.3072+0.1178i	0.1898+0.0187i	-0.1417-0.0049i	0.6612+0.3276i	-0.0667+0.0196i	-0.1805+0.1193i
10.5	14.9755-1.2830i	18.2094-1.4095i	0.4446+0.2991i	0.1971-0.0046i	-0.1454+0.0052i	0.6967+0.3272i	-0.0658+0.0018i	-0.1817+0.1205i
10.6	15.7284-1.4710i	19.0810-1.6054i	0.5133+0.3537i	0.2131-0.0326i	-0.1440+0.0162i	0.7459+0.3418i	-0.0633-0.0106i	-0.1675+0.1327i
10.7	16.7133-1.6948i	20.1695-1.7781i	0.3990+0.0073i	0.2138-0.0411i	-0.1483+0.0225i	0.7782+0.3640i	-0.0738-0.0118i	-0.1784+0.1423i
10.8	17.2258-2.2209i	20.9136-2.1883i	0.2820-0.0362i	0.2064-0.0510i	-0.1460+0.0311i	0.8141+0.3593i	-0.0805-0.0068i	-0.1801+0.1474i
10.9	17.5514-2.2709i	21.5938-2.2917i	0.3205+0.1861i	0.2029-0.0564i	-0.1388+0.0321i	0.8509+0.3506i	-0.0801-0.0036i	-0.1714+0.1558i
11.0	18.6236-2.1636i	22.9223-2.3145i	0.4726+0.2128i	0.2050-0.0529i	-0.1424+0.0361i	0.9003+0.3512i	-0.0787-0.0024i	-0.1790+0.1629i
11.1	19.6746-2.0145i	24.2027-2.2229i	0.3716+0.2770i	0.2173-0.0382i	-0.1444+0.0359i	0.9379+0.3184i	-0.0856+0.0032i	-0.1726+0.1493i
11.2	20.7475-2.2023i	25.4694-2.4815i	0.1839+0.2426i	0.2268-0.0350i	-0.1425+0.0389i	0.9683+0.3099i	-0.0941+0.0100i	-0.1814+0.1563i
11.3	22.0196-2.3619i	27.0106-2.6748i	0.0366+0.3216i	0.2311-0.0413i	-0.1498+0.0372i	0.9940+0.2905i	-0.1029+0.0094i	-0.1894+0.1403i
11.4	23.4705-2.5196i	28.7828-2.8705i	-0.1224+0.3320i	0.2529-0.0458i	-0.1541+0.0379i	1.0147+0.2765i	-0.1008+0.0046i	-0.1973+0.1501i
11.5	25.1937-2.6822i	30.8695-3.0745i	-0.2931+0.4190i	0.2725-0.0531i	-0.1513+0.0424i	1.0462+0.2630i	-0.1050+0.0029i	-0.2173+0.1520i
11.6	26.9991-2.9092i	33.0069-3.2953i	-0.2190+0.3329i	0.2798-0.0551i	-0.1566+0.0432i	1.0733+0.2541i	-0.1167+0.0084i	-0.2421+0.1476i
11.7	29.2522-3.4972i	35.7286-3.8720i	-0.3876+0.4174i	0.2873-0.0592i	-0.1709+0.0495i	1.1071+0.2434i	-0.1323+0.0155i	-0.2765+0.1495i
11.8	31.0303-4.2500i	37.9546-4.7285i	-0.4204+0.7337i	0.2911-0.0770i	-0.1752+0.0556i	1.1170+0.2275i	-0.1419+0.0139i	-0.3060+0.1651i
11.9	33.8951-5.2481i	41.5353-5.9757i	-0.4400+0.5268i	0.3164-0.0888i	-0.1823+0.0497i	1.1509+0.2218i	-0.1616+0.0190i	-0.3496+0.2093i

12.0	37.1193-5.5666i	45.4919-6.3323i	-0.7007+0.3944i	0.3368-0.0837i	-0.1944+0.0446i	1.1853+0.2350i	-0.1833+0.0254i	-0.4014+0.2254i
12.1	41.1068-7.0408i	50.4350-8.0841i	-1.5846+0.3128i	0.3564-0.0890i	-0.2239+0.0485i	1.2256+0.2381i	-0.2054+0.0427i	-0.4599+0.2834i
12.2	44.9510-9.1438i	55.1756-10.5702i	-1.9090+0.9449i	0.3828-0.0994i	-0.2440+0.0603i	1.2879+0.2379i	-0.2211+0.0550i	-0.5154+0.3603i
12.3	49.9746-11.0109i	61.2872-12.7215i	-2.6001+1.1459i	0.4142-0.1101i	-0.2721+0.0665i	1.3585+0.2648i	-0.2565+0.0699i	-0.5870+0.4545i
12.4	54.8458-13.6868i	67.2729-15.8275i	-3.2774+1.3358i	0.4337-0.1141i	-0.3010+0.0721i	1.4162+0.2981i	-0.2987+0.0956i	-0.6394+0.5831i
12.5	62.7370-21.8085i	77.1256-25.5418i	-4.5243+1.9237i	0.4983-0.1405i	-0.3534+0.1071i	1.5787+0.3204i	-0.3368+0.1760i	-0.6444+0.8471i
12.6	70.3711-29.4707i	86.7149-34.7248i	-4.8923+3.0275i	0.5637-0.1595i	-0.4127+0.1494i	1.7844+0.3744i	-0.3664+0.2524i	-0.6279+1.1376i
12.7	74.6759-40.2206i	92.4076-47.6880i	-5.9540+4.9422i	0.6280-0.2130i	-0.4606+0.2057i	2.0206+0.3320i	-0.3644+0.3385i	-0.4469+1.3854i
12.8	78.6771-55.6227i	98.1231-66.3811i	-6.9680+7.2468i	0.7219-0.2882i	-0.5150+0.2979i	2.4213+0.2330i	-0.3486+0.4719i	-0.0659+1.6944i
12.9	76.6676-74.1164i	96.5720-89.4907i	-6.5225+11.3303i	0.8095-0.4450i	-0.5586+0.4437i	2.8135-0.1264i	-0.2694+0.5891i	0.4686+1.7942i
13.0	76.7270-100.7074i	97.8065-123.0122i	-7.5146+16.1438i	0.9563-0.7223i	-0.6226+0.6725i	3.3863-0.7895i	-0.1512+0.7219i	1.1274+1.6852i
13.1	68.9176-122.8079i	88.5470-151.1972i	-5.6965+20.8347i	0.9342-1.0160i	-0.5832+0.8923i	3.5298-1.5477i	-0.0622+0.7803i	1.4741+1.3492i
13.2	32.2429-167.0059i	43.3852-207.6957i	1.4575+32.1789i	0.6087-1.5674i	-0.3183+1.3512i	3.1380-3.2363i	0.1929+0.9383i	1.8907+0.6310i
13.3	-17.1232-172.7634i	-18.5637-215.8656i	12.7260+34.3225i	0.1088-1.6890i	0.1093+1.4741i	1.9357-3.9507i	0.4600+0.9000i	1.7585+0.0469i
13.4	-78.0763-123.4471i	-95.9915-155.2763i	29.2415+25.2298i	-0.5491-1.2629i	0.7282+1.1977i	-0.1023-3.3893i	0.7671+0.5645i	1.1488-0.3973i
13.5	-87.9864-92.5591i	-108.9694-116.7859i	33.9035+18.1327i	-0.6518-0.9836i	0.9054+0.9701i	-0.6671-2.7280i	0.8308+0.3742i	0.8678-0.4180i
13.6	-83.6125-62.3176i	-103.9194-78.7359i	35.1931+10.1752i	-0.6130-0.7527i	0.9762+0.7086i	-0.8472-1.9714i	0.8057+0.1320i	0.6551-0.3108i
13.7	-71.9393-42.1771i	-89.6488-53.4420i	35.5441+4.4597i	-0.5560-0.6105i	0.9952+0.5103i	-0.7888-1.4256i	0.7014-0.0340i	0.5930-0.2308i
13.8	-65.2889-34.2161i	-81.5585-43.3850i	36.2031+1.3414i	-0.5293-0.5596i	1.0130+0.4101i	-0.7266-1.1808i	0.6353-0.1107i	0.5959-0.1982i
13.9	-59.8495-27.8195i	-74.9387-35.2718i	37.9929-1.5598i	-0.5339-0.5214i	1.0680+0.3218i	-0.6720-0.9808i	0.5719-0.1755i	0.6206-0.2021i
14.0	-51.6731-22.6550i	-64.8401-28.6463i	39.5720-5.8237i	-0.5227-0.4689i	1.1149+0.1972i	-0.5252-0.7716i	0.5071-0.2171i	0.6459-0.2306i
14.1	-44.4551-19.6358i	-55.8825-24.6850i	42.4697-12.1762i	-0.5512-0.4253i	1.1947+0.0331i	-0.3748-0.6250i	0.4273-0.2590i	0.6859-0.2963i
14.2	-40.2444-19.1820i	-50.6636-23.9517i	44.9584-20.0091i	-0.6039-0.3594i	1.2699-0.1543i	-0.2810-0.5771i	0.3709-0.2752i	0.6983-0.3879i
14.3	-36.7338-19.3911i	-46.3377-24.0883i	48.2332-28.8169i	-0.6516-0.2821i	1.3699-0.3629i	-0.1940-0.5543i	0.3333-0.2935i	0.7337-0.4992i
14.4	-33.7355-20.8888i	-42.6090-25.6466i	45.5361-48.5693i	-0.6652-0.0849i	1.3674-0.8357i	-0.1217-0.5638i	0.2869-0.3082i	0.6851-0.7440i
14.5	-32.8018-22.7046i	-41.2444-27.6218i	28.2234-66.6610i	-0.5055+0.1310i	1.0079-1.3243i	-0.0961-0.6007i	0.2714-0.2982i	0.4414-0.9730i
14.6	-35.0482-22.2122i	-43.6876-26.9406i	0.6699-74.1512i	-0.2490+0.2330i	0.3895-1.6001i	-0.1510-0.6061i	0.2376-0.3132i	0.0712-1.0780i
14.7	-36.5711-19.2862i	-45.3048-23.4629i	-21.4869-62.0889i	-0.0421+0.1178i	-0.1624-1.3888i	-0.2076-0.5363i	0.1872-0.3396i	-0.2259-0.9016i
14.8	-37.2535-15.3214i	-46.0187-18.7726i	-32.3009-44.3316i	0.0299-0.1057i	-0.4647-1.0161i	-0.2465-0.4531i	0.1324-0.3989i	-0.3929-0.6710i
14.9	-35.4718-12.1118i	-43.8377-15.0146i	-32.3359-28.2421i	-0.0389-0.3051i	-0.5156-0.6497i	-0.2396-0.3704i	0.0530-0.4461i	-0.4268-0.4605i
15.0	-34.0316-10.6303i	-42.1506-13.2673i	-29.9538-21.1408i	-0.1645-0.3516i	-0.4743-0.4874i	-0.2162-0.3182i	-0.0546-0.4318i	-0.4066-0.3571i
15.1	-32.0207-8.7367i	-39.7441-10.9519i	-26.3857-15.2592i	-0.2934-0.2838i	-0.3994-0.3542i	-0.1755-0.2608i	-0.1491-0.3426i	-0.3698-0.2487i
15.2	-29.9612-6.5094i	-37.2487-8.2117i	-22.9171-11.5274i	-0.3481-0.1762i	-0.3343-0.2644i	-0.1473-0.2020i	-0.1799-0.2351i	-0.3342-0.1709i
15.3	-28.0304-5.6864i	-34.8815-7.1665i	-20.2416-8.8745i	-0.3412-0.1028i	-0.2916-0.2150i	-0.1111-0.1693i	-0.1726-0.1587i	-0.2974-0.1211i
15.4	-25.8827-4.6748i	-32.2678-5.9193i	-18.7111-7.2385i	-0.3063-0.0373i	-0.2713-0.1845i	-0.0791-0.1396i	-0.1586-0.1052i	-0.2695-0.0758i
15.5	-24.2551-4.2591i	-30.2542-5.4158i	-16.9873-6.1887i	-0.2781-0.0174i	-0.2410-0.1609i	-0.0392-0.1238i	-0.1382-0.0753i	-0.2344-0.0568i
15.6	-23.2027-3.9501i	-28.9522-5.0170i	-15.5096-4.9950i	-0.2533-0.0096i	-0.2126-0.1316i	-0.0110-0.1097i	-0.1143-0.0540i	-0.2057-0.0375i
15.7	-22.2798-3.5976i	-27.8203-4.5904i	-14.4876-4.4594i	-0.2338+0.0061i	-0.1985-0.1194i	0.0025-0.1024i	-0.1007-0.0368i	-0.1960-0.0300i
15.8	-20.8057-3.6558i	-26.0101-4.6734i	-12.9536-3.8289i	-0.2013+0.0077i	-0.1722-0.1083i	0.0364-0.0941i	-0.0908-0.0287i	-0.1608-0.0305i
15.9	-20.0207-3.7928i	-25.0383-4.8512i	-12.1147-2.9361i	-0.1818+0.0020i	-0.1623-0.0930i	0.0594-0.0938i	-0.0795-0.0205i	-0.1497-0.0197i
16.0	-18.5088-3.2377i	-23.1683-4.2215i	-11.4772-2.7777i	-0.1705+0.0134i	-0.1531-0.0786i	0.0733-0.0961i	-0.0751-0.0100i	-0.1397+0.0005i
16.1	-17.5081-2.6894i	-21.9754-3.6268i	-11.0562-3.0446i	-0.1522+0.0333i	-0.1325-0.0740i	0.0832-0.0996i	-0.0578-0.0034i	-0.1250+0.0095i
16.2	-16.9197-2.4385i	-21.3037-3.3570i	-10.6310-3.0808i	-0.1404+0.0380i	-0.1208-0.0805i	0.0950-0.0992i	-0.0472-0.0063i	-0.1171+0.0039i
16.3	-15.9156-2.7507i	-20.1283-3.7245i	-10.3484-2.8087i	-0.1271+0.0372i	-0.1299-0.0843i	0.0950-0.1018i	-0.0413-0.0002i	-0.1181-0.0003i
16.4	-14.9619-2.7296i	-19.0371-3.6648i	-10.1747-2.5602i	-0.1028+0.0395i	-0.1239-0.0799i	0.0901-0.1002i	-0.0356+0.0073i	-0.1030-0.0045i
16.5	-14.2888-2.4735i	-18.2547-3.3358i	-10.0301-2.5859i	-0.0885+0.0418i	-0.1119-0.0763i	0.0746-0.0999i	-0.0254+0.0052i	-0.0896+0.0011i
16.6	-13.8019-2.4031i	-17.6527-3.2481i	-9.6598-2.5377i	-0.0840+0.0463i	-0.1155-0.0758i	0.0685-0.0962i	-0.0203+0.0041i	-0.0922+0.0068i
16.7	-13.1584-1.8608i	-16.9070-2.5831i	-9.6999-2.3823i	-0.0658+0.0462i	-0.1172-0.0747i	0.0583-0.0841i	-0.0094+0.0016i	-0.0922+0.0001i
16.8	-11.8921-2.2090i	-15.4080-2.9622i	-9.7592-1.4837i	-0.0559+0.0288i	-0.1189-0.0665i	0.0516-0.0613i	-0.0165-0.0047i	-0.1004-0.0037i
16.9	-11.4411-1.9487i	-14.8466-2.6456i	-9.2673-1.4777i	-0.0679+0.0331i	-0.1111-0.0589i	0.0574-0.0616i	-0.0285+0.0016i	-0.0999-0.0037i
17.0	-10.7779-1.7385i	-14.0363-2.3591i	-9.1399-1.6618i	-0.0770+0.0488i	-0.0998-0.0634i	0.0601-0.0461i	-0.0304+0.0067i	-0.1008-0.0053i
17.1	-10.0287-1.9728i	-13.1545-2.6079i	-8.8734-1.4826i	-0.0586+0.0567i	-0.0962-0.0654i	0.0527-0.0267i	-0.0210+0.0165i	-0.1072-0.0046i
17.2	-9.6736-1.9110i	-12.7493-2.5097i	-8.7000-1.2623i	-0.0311+0.0629i	-0.1013-0.0593i	0.0469-0.0125i	-0.0136+0.0271i	-0.1075-0.0012i
17.3	-8.1634-1.8388i	-10.9301-2.3866i	-8.9081-0.9596i	0.0092+0.0584i	-0.1027-0.0623i	0.0425-0.0001i	0.0021+0.0250i	-0.1167+0.0033i
17.4	-7.5822-1.6950i	-10.2271-2.2206i	-8.8162-0.7873i	0.0109+0.0716i	-0.1013-0.0712i	0.0340+0.0049i	0.0017+0.0226i	-0.1138+0.0036i
17.5	-6.8260-1.5329i	-9.3171-2.0241i	-8.7051-1.2282i	0.0133+0.0796i	-0.1021-0.0709i	0.0286+0.0038i	0.0009+0.0264i	-0.1151+0.0039i
17.6	-5.2956-1.4398i	-7.4926-1.9022i	-9.0491-1.2900i	0.0345+0.0725i	-0.1066-0.0714i	0.0114+0.0246i	0.0021+0.0281i	-0.1243+0.0033i
17.7	-4.0984-2.4400i	-6.0394-3.0866i	-9.4452-0.8103i	0.0486+0.0593i	-0.1035-0.0678i	0.0107+0.0531i	0.0003+0.0303i	-0.1320+0.0069i
17.8	-4.3687-1.7303i	-6.3891-2.2273i	-8.8562-0.7174i	0.0499+0.0652i	-0.0989-0.0702i	-0.0080+0.0436i	0.0035+0.0226i	-0.1289+0.0000i
17.9	-3.1077-2.5584i	-4.8554-3.1746i	-8.9903-0.3429i	0.0623+0.0619i	-0.1064-0.0680i	-0.0074+0.0810i	0.0064+0.0318i	-0.1391+0.0135i
18.0	-1.4948-3.3157i	-2.9361-4.0176i	-9.3791-0.0178i	0.0888+0.0648i	-0.1115-0.0684i	-0.0217+0.1203i	0.0194+0.0400i	-0.1499+0.0232i
18.1	-0.5851-2.9738i	-1.8833-3.6249i	-9.4261+0.1178i	0.1210+0.0625i	-0.1171-0.0683i	-0.0361+0.1317i	0.0310+0.0338i	-0.1620+0.0156i
18.2	0.9451-2.2521i	-0.0995-2.7382i	-9.5944-0.1111i	0.1580+0.0804i	-0.1211-0.0761i	-0.0761+0.1360i	0.0414+0.0386i	-0.1688+0.0071i

18.3	1.8023-1.9781i	0.8997-2.3762i	-9.7917-0.1310i	0.1651+0.0844i	-0.1188-0.0812i	-0.1140+0.1579i	0.0464+0.0390i	-0.1783-0.0020i
18.4	1.5515-2.4950i	0.5976-2.9901i	-9.5763-0.0415i	0.1565+0.0557i	-0.1124-0.0710i	-0.1302+0.1695i	0.0418+0.0285i	-0.1740+0.0004i
18.5	3.4497-5.9983i	2.9211-7.0870i	-10.1044+1.4706i	0.1620-0.0136i	-0.1243-0.0557i	-0.1287+0.2675i	0.0249+0.0090i	-0.2026+0.0321i
18.6	6.7210-5.0732i	6.7743-5.8635i	-11.3043+1.2657i	0.1480+0.0185i	-0.1254-0.0709i	-0.2260+0.3396i	-0.0081+0.0377i	-0.2458+0.0177i
18.7	6.9746-5.0768i	7.0782-5.8321i	-11.1077+1.1682i	0.1476+0.0878i	-0.1187-0.0790i	-0.2301+0.3679i	0.0011+0.0878i	-0.2510+0.0344i
18.8	6.6796-5.4023i	6.7370-6.2767i	-10.7398+0.9973i	0.2037+0.1144i	-0.1116-0.0901i	-0.2340+0.3686i	0.0474+0.0945i	-0.2415+0.0402i
18.9	7.5998-6.9257i	7.8939-8.0634i	-10.9543+1.7087i	0.2425+0.0904i	-0.1245-0.0949i	-0.2402+0.4261i	0.0671+0.0858i	-0.2528+0.0646i
19.0	11.9866-10.5676i	13.2348-12.2430i	-12.1598+2.9340i	0.3293+0.0640i	-0.1539-0.0981i	-0.2817+0.6313i	0.1010+0.0927i	-0.3104+0.1067i
19.1	14.3380-10.7897i	16.0131-12.4246i	-13.0365+2.7349i	0.3893+0.0745i	-0.1600-0.1086i	-0.3601+0.6958i	0.1361+0.1055i	-0.3315+0.1004i
19.2	16.1454-12.4246i	18.1855-14.3149i	-13.9137+3.4801i	0.4644+0.0595i	-0.1757-0.1202i	-0.4291+0.8193i	0.1842+0.0983i	-0.3571+0.1151i
19.3	19.6542-17.6702i	22.5303-20.4515i	-14.8956+5.5221i	0.5696-0.0210i	-0.2158-0.1223i	-0.4557+1.1305i	0.2368+0.0725i	-0.4145+0.1639i
19.4	19.5928-23.4980i	22.6203-27.3946i	-14.7112+7.8298i	0.6088-0.1470i	-0.2488-0.1061i	-0.3190+1.3938i	0.2632+0.0198i	-0.4484+0.2361i
19.5	16.5058-38.5272i	19.3562-45.4274i	-13.2091+13.4615i	0.6290-0.4494i	-0.3237-0.0326i	0.1983+1.8749i	0.2906-0.1013i	-0.4561+0.4599i
19.6	16.7046-41.5915i	19.6306-49.0208i	-12.9908+14.9247i	0.6305-0.5281i	-0.3404-0.0246i	0.3184+2.0634i	0.2802-0.1445i	-0.4715+0.5175i
19.7	1.2877-45.9826i	1.3391-54.7131i	-7.5459+16.3861i	0.3233-0.6813i	-0.3063+0.0800i	0.9889+1.8133i	0.1512-0.2202i	-0.2684+0.6412i
19.8	-13.1340-53.3388i	-15.7021-63.9058i	-2.2126+18.7188i	0.0616-0.7713i	-0.2919+0.1811i	1.7687+1.5906i	0.0459-0.2380i	-0.0612+0.8272i
19.9	-12.3960-57.4699i	-14.7286-68.7920i	-2.8191+20.1310i	0.0857-0.7621i	-0.3254+0.1838i	1.9880+1.8161i	0.0508-0.2105i	-0.0567+0.9448i
20.0	-26.1861-51.4105i	-31.4067-61.7865i	2.2908+18.2509i	-0.0198-0.6481i	-0.2703+0.2354i	2.2935+1.2208i	0.0607-0.1494i	0.2310+0.8946i
20.1	-34.8776-48.8351i	-41.8661-58.8621i	5.9661+17.3887i	-0.0384-0.6396i	-0.2435+0.2845i	2.6241+0.8776i	0.0916-0.1574i	0.4623+0.8907i
20.2	-36.5593-48.5752i	-43.7955-58.4973i	6.6450+17.3276i	-0.0139-0.6853i	-0.2449+0.3074i	2.8268+0.8433i	0.1222-0.1958i	0.5549+0.8820i
20.3	-37.2372-42.1144i	-44.7152-50.7245i	7.1229+15.0266i	-0.0572-0.7035i	-0.1932+0.3119i	2.7584+0.5951i	0.1002-0.2519i	0.6044+0.7428i
20.4	-38.6500-36.6741i	-46.4177-44.2206i	7.7804+12.9318i	-0.1671-0.6934i	-0.1360+0.3173i	2.7623+0.3242i	0.0241-0.2729i	0.6685+0.6062i
20.5	-41.5301-32.7665i	-49.8487-39.6443i	8.7468+11.4422i	-0.2697-0.6531i	-0.0845+0.3165i	2.8287-0.0023i	-0.0346-0.2619i	0.7479+0.4915i
20.6	-44.6687-25.3721i	-53.6948-30.9135i	10.1291+8.7140i	-0.3575-0.5668i	-0.0191+0.3005i	2.7559-0.5150i	-0.0793-0.2387i	0.8038+0.3029i
20.7	-38.9068-21.2322i	-46.8939-25.8802i	7.9695+7.0501i	-0.3074-0.4835i	-0.0169+0.2447i	2.4270-0.5098i	-0.0712-0.1979i	0.6838+0.2077i
20.8	-36.9542-18.2928i	-44.5534-22.3750i	7.5072+6.2792i	-0.3049-0.4289i	-0.0030+0.2204i	2.3421-0.6569i	-0.0781-0.1819i	0.6571+0.1237i
20.9	-34.8244-16.4961i	-42.0133-20.2192i	6.9281+5.4400i	-0.2935-0.3766i	0.0011+0.1920i	2.2287-0.7349i	-0.0817-0.1574i	0.6096+0.0676i
21.0	-32.8547-12.7249i	-39.7634-15.7254i	6.0632+4.0317i	-0.2878-0.3080i	0.0119+0.1611i	1.9739-0.9060i	-0.0856-0.1230i	0.5342-0.0205i
21.1	-31.2020-10.6748i	-37.8259-13.3092i	5.6863+3.5085i	-0.2488-0.2442i	0.0120+0.1398i	1.8503-1.0232i	-0.0710-0.0951i	0.5017-0.0577i
21.2	-28.8246-9.8689i	-35.0026-12.3204i	5.0060+3.1592i	-0.2164-0.2363i	0.0048+0.1304i	1.7123-1.0360i	-0.0549-0.0909i	0.4543-0.0798i
21.3	-27.6195-10.5149i	-33.5292-13.0540i	4.4159+3.5768i	-0.1880-0.2449i	-0.0102+0.1309i	1.7373-1.0211i	-0.0395-0.0989i	0.4584-0.0608i
21.4	-27.5055-7.4131i	-33.4951-9.4999i	4.7451+2.4949i	-0.2278-0.2014i	0.0163+0.1154i	1.4297-1.3300i	-0.0661-0.0859i	0.3902-0.1685i
21.5	-27.4663-7.2244i	-33.4438-9.3463i	4.5565+2.3325i	-0.2289-0.1921i	0.0178+0.1117i	1.3561-1.5019i	-0.0679-0.0819i	0.3683-0.2307i
21.6	-26.1326-7.7836i	-31.8929-9.9478i	3.8551+2.5315i	-0.1970-0.2117i	0.0102+0.1095i	1.2822-1.4820i	-0.0520-0.0942i	0.3424-0.2301i
21.7	-25.1365-6.7467i	-30.7614-8.6999i	4.0105+1.8195i	-0.1923-0.1835i	0.0136+0.0967i	1.1061-1.4416i	-0.0536-0.0801i	0.2849-0.2224i
21.8	-23.6999-5.9441i	-29.1154-7.7073i	3.5320+1.3604i	-0.1839-0.1702i	0.0089+0.0837i	0.9072-1.3027i	-0.0569-0.0747i	0.2195-0.2080i
21.9	-23.4361-6.4787i	-28.8238-8.3053i	3.2888+1.5999i	-0.1854-0.1790i	0.0040+0.0796i	0.8750-1.2731i	-0.0609-0.0857i	0.1956-0.2048i
22.0	-22.8391-5.6129i	-28.1296-7.2577i	3.1060+1.4753i	-0.1776-0.1538i	-0.0018+0.0753i	0.8198-1.2036i	-0.0569-0.0683i	0.1538-0.1810i
22.1	-21.4409-4.7406i	-26.4794-6.1880i	2.5819+1.1230i	-0.1463-0.1171i	-0.0101+0.0705i	0.7369-1.1376i	-0.0437-0.0493i	0.1226-0.1647i
22.2	-21.7872-4.9042i	-26.9266-6.3758i	2.9062+1.2856i	-0.1734-0.1305i	-0.0035+0.0674i	0.5573-1.1640i	-0.0638-0.0580i	0.0623-0.1686i
22.3	-21.3137-4.4222i	-26.3715-5.7925i	2.6908+1.1823i	-0.1792-0.1343i	-0.0075+0.0676i	0.4704-1.1444i	-0.0684-0.0574i	0.0362-0.1538i
22.4	-20.5077-3.9425i	-25.4459-5.2160i	2.5460+0.9888i	-0.1743-0.1298i	-0.0095+0.0672i	0.3971-1.1059i	-0.0700-0.0544i	0.0187-0.1291i
22.5	-19.7785-4.5415i	-24.5745-5.9229i	2.3374+1.1451i	-0.1653-0.1312i	-0.0130+0.0659i	0.4332-1.1535i	-0.0737-0.0645i	0.0124-0.1173i
22.6	-20.0101-4.5015i	-24.8132-5.9238i	2.4463+1.2239i	-0.1482-0.1230i	-0.0161+0.0749i	0.4332-1.2910i	-0.0642-0.0586i	0.0128-0.1046i
22.7	-19.9849-3.9722i	-24.8315-5.2860i	2.7325+0.9127i	-0.1498-0.0976i	-0.0204+0.0673i	0.2847-1.2039i	-0.0730-0.0402i	-0.0047-0.0718i
22.8	-19.0197-3.2447i	-23.7486-4.3835i	2.2716+0.8359i	-0.1427-0.0881i	-0.0153+0.0672i	0.1754-1.1554i	-0.0693-0.0377i	-0.0020-0.0442i
22.9	-18.7685-3.0243i	-23.4115-4.1508i	2.1389+0.7981i	-0.1421-0.0948i	-0.0130+0.0788i	0.1930-1.2915i	-0.0683-0.0415i	0.0083-0.0241i
23.0	-18.3822-3.5114i	-22.9294-4.7466i	2.1916+0.9965i	-0.1378-0.1254i	-0.0083+0.0818i	0.1928-1.3394i	-0.0745-0.0589i	0.0176-0.0138i
23.1	-17.8656-3.3304i	-22.4181-4.4888i	1.9336+0.7868i	-0.1357-0.1034i	0.0013+0.0837i	-0.1300-1.2552i	-0.0692-0.0335i	0.0345-0.0029i
23.2	-18.0075-2.7909i	-22.6035-3.8415i	2.1156+0.5954i	-0.1340-0.0847i	0.0040+0.0848i	-0.2549-1.1203i	-0.0643-0.0169i	0.0375+0.0040i
23.3	-17.5468-2.5074i	-22.0330-3.3975i	1.9526+0.6632i	-0.1286-0.0675i	0.0093+0.0716i	-0.2899-0.7652i	-0.0605-0.0191i	0.0372-0.0002i
23.4	-17.0616-2.5587i	-21.4945-3.4173i	1.7388+0.7358i	-0.1051-0.0612i	0.0144+0.0695i	-0.3105-0.7024i	-0.0584-0.0226i	0.0459+0.0093i
23.5	-16.6143-2.4875i	-20.9446-3.3275i	1.6531+0.7229i	-0.1068-0.0738i	0.0207+0.0586i	-0.3417-0.6427i	-0.0605-0.0198i	0.0510+0.0112i
23.6	-16.1861-2.7359i	-20.3827-3.6087i	1.2563+0.6682i	-0.1048-0.0779i	0.0212+0.0589i	-0.3086-0.5541i	-0.0516-0.0154i	0.0572+0.0066i
23.7	-16.1179-2.6870i	-20.2767-3.5249i	1.2906+0.5622i	-0.0888-0.0755i	0.0182+0.0586i	-0.3037-0.4327i	-0.0465-0.0104i	0.0606+0.0038i
23.8	-15.6439-2.8344i	-19.7262-3.6632i	1.3592+0.5379i	-0.0732-0.0860i	0.0113+0.0468i	-0.2573-0.3280i	-0.0424-0.0245i	0.0606-0.0103i
23.9	-15.3327-2.0554i	-19.3783-2.7071i	1.5076+0.2295i	-0.0769-0.0898i	0.0080+0.0423i	-0.2215-0.2122i	-0.0416-0.0304i	0.0550-0.0159i
24.0	-15.1839-1.9312i	-19.2187-2.5285i	1.6208+0.1805i	-0.0769-0.0843i	0.0100+0.0432i	-0.2087-0.1767i	-0.0505-0.0276i	0.0569-0.0149i
24.1	-14.7333-2.2828i	-18.6941-2.9389i	1.4542+0.3096i	-0.0396-0.0755i	0.0081+0.0409i	-0.1856-0.1390i	-0.0368-0.0217i	0.0649-0.0165i
24.2	-14.5270-1.9528i	-18.4124-2.5394i	1.1803+0.1474i	-0.0564-0.0774i	0.0143+0.0377i	-0.1380-0.1489i	-0.0406-0.0201i	0.0603-0.0133i
24.3	-14.4329-1.9850i	-18.2340-2.5648i	1.1322+0.2522i	-0.0775-0.0907i	0.0151+0.0310i	-0.0715-0.1134i	-0.0504-0.0221i	0.0489-0.0134i
24.4	-14.0360-2.0969i	-17.7614-2.6985i	1.0958+0.2048i	-0.0750-0.0835i	0.0078+0.0250i	-0.0329-0.0790i	-0.0505-0.0172i	0.0490-0.0122i
24.5	-13.8184-1.8878i	-17.5098-2.4777i	1.0729+0.2698i	-0.0820-0.0667i	0.0104+0.0305i	-0.0178-0.0572i	-0.0481-0.0110i	0.0522-0.0125i

24.6	-13.5735-2.0066i	-17.2066-2.6110i	1.1097+0.4379i	-0.0662-0.0724i	0.0068+0.0374i	0.0405-0.0617i	-0.0398-0.0122i	0.0512-0.0198i
24.7	-13.7646-1.6172i	-17.4048-2.1744i	1.0395+0.2701i	-0.0693-0.0626i	0.0036+0.0320i	0.0340-0.0311i	-0.0363-0.0047i	0.0417-0.0221i
24.8	-13.2713-1.5402i	-16.8052-2.1020i	0.8131+0.1838i	-0.0679-0.0639i	0.0075+0.0274i	0.0603-0.0440i	-0.0407-0.0056i	0.0417-0.0155i
24.9	-13.0513-1.6041i	-16.5753-2.1690i	1.2102-0.0202i	-0.0584-0.0719i	0.0059+0.0284i	0.0832-0.0315i	-0.0347-0.0122i	0.0420-0.0172i
25.0	-12.4877-2.0074i	-15.9019-2.5714i	1.1515+0.3242i	-0.0527-0.0876i	-0.0011+0.0234i	0.1468-0.0337i	-0.0243-0.0154i	0.0274-0.0090i
25.1	-12.3648-1.9748i	-15.7266-2.4981i	0.9258+0.3483i	-0.0633-0.0856i	0.0002+0.0187i	0.1520-0.0279i	-0.0255-0.0179i	0.0266-0.0065i
25.2	-12.3203-1.6172i	-15.6883-2.0866i	0.9416+0.2899i	-0.0734-0.0784i	0.0034+0.0158i	0.1431-0.0258i	-0.0339-0.0135i	0.0326-0.0018i
25.3	-12.3418-1.6888i	-15.6712-2.1784i	0.9621+0.2646i	-0.0687-0.0810i	0.0042+0.0125i	0.1499-0.0288i	-0.0344-0.0103i	0.0372-0.0037i
25.4	-12.2255-1.4107i	-15.4890-1.9091i	1.1054+0.0528i	-0.0757-0.0873i	0.0051+0.0163i	0.1536-0.0052i	-0.0354-0.0146i	0.0322-0.0008i
25.5	-11.6100-1.6063i	-14.7878-2.1092i	0.9221+0.3109i	-0.0512-0.0980i	-0.0029+0.0214i	0.1991-0.0144i	-0.0219-0.0229i	0.0303-0.0053i
25.6	-11.5731-1.3311i	-14.7429-1.7597i	0.7813+0.1827i	-0.0562-0.0835i	-0.0036+0.0175i	0.1934-0.0106i	-0.0247-0.0144i	0.0321-0.0055i
25.7	-11.5740-1.1561i	-14.7362-1.5817i	0.6251+0.0073i	-0.0819-0.0753i	0.0006+0.0197i	0.1721+0.0008i	-0.0329-0.0098i	0.0414-0.0021i
25.8	-11.3708-1.4054i	-14.5341-1.8740i	0.8832+0.3917i	-0.0732-0.0781i	-0.0055+0.0229i	0.1864-0.0036i	-0.0362-0.0186i	0.0428-0.0024i
25.9	-10.9928-1.4091i	-14.0390-1.8610i	0.7806+0.2521i	-0.0579-0.0584i	-0.0086+0.0205i	0.2011+0.0077i	-0.0304-0.0132i	0.0473+0.0034i
26.0	-10.8444-1.7097i	-13.8331-2.1848i	0.6260+0.2163i	-0.0645-0.0675i	-0.0055+0.0264i	0.2196-0.0092i	-0.0308-0.0210i	0.0434+0.0035i
26.1	-10.9436-1.5049i	-13.9861-1.9107i	0.4333+0.0055i	-0.0903-0.0722i	-0.0035+0.0174i	0.2090-0.0028i	-0.0372-0.0176i	0.0346+0.0027i
26.2	-11.0508-1.3395i	-14.1187-1.7769i	0.4459+0.0152i	-0.0874-0.0636i	0.0047+0.0152i	0.1889-0.0048i	-0.0357-0.0180i	0.0329-0.0002i
26.3	-10.9611-1.2056i	-13.9657-1.6454i	0.5450+0.1272i	-0.0928-0.0462i	0.0068+0.0174i	0.1934+0.0157i	-0.0389-0.0017i	0.0405-0.0054i
26.4	-10.3601-1.0627i	-13.2690-1.4160i	0.6611+0.3634i	-0.0884-0.0395i	-0.0039+0.0191i	0.2206+0.0323i	-0.0395-0.0013i	0.0437-0.0030i
26.5	-10.2420-1.1354i	-13.1287-1.4996i	0.7678+0.3778i	-0.0820-0.0357i	-0.0095+0.0218i	0.2136+0.0437i	-0.0338+0.0026i	0.0499-0.0016i
26.6	-9.9812-1.1941i	-12.7857-1.5817i	0.5865+0.2042i	-0.0572-0.0237i	-0.0086+0.0240i	0.2158+0.0393i	-0.0288+0.0074i	0.0553-0.0002i
26.7	-10.0311-1.3916i	-12.7773-1.8413i	0.4939+0.4273i	-0.0654-0.0423i	-0.0035+0.0189i	0.2190+0.0206i	-0.0335+0.0031i	0.0574-0.0042i
26.8	-9.9318-1.1463i	-12.7145-1.5411i	0.7487+0.4829i	-0.0727-0.0261i	-0.0063+0.0122i	0.2117+0.0365i	-0.0353+0.0054i	0.0444-0.0033i
26.9	-9.4337-0.9918i	-12.1618-1.3077i	0.6816+0.2064i	-0.0527-0.0269i	-0.0112+0.0190i	0.2206+0.0516i	-0.0087+0.0085i	0.0387+0.0026i
27.0	-9.1018-0.8031i	-11.7601-1.0893i	0.4894+0.2825i	-0.0287-0.0050i	-0.0116+0.0156i	0.2225+0.0722i	0.0020+0.0161i	0.0451+0.0029i
27.1	-9.0184-1.0130i	-11.6521-1.2745i	0.6535+0.1429i	-0.0454-0.0014i	-0.0071+0.0067i	0.2230+0.0628i	-0.0075+0.0064i	0.0440+0.0043i
27.2	-8.9175-0.8021i	-11.5586-1.0612i	0.7599-0.1448i	-0.0394+0.0107i	-0.0085+0.0016i	0.2035+0.0926i	-0.0100+0.0020i	0.0490+0.0021i
27.3	-9.1042-1.2993i	-11.6396-1.6015i	1.0175-0.1648i	-0.0450-0.0470i	-0.0122+0.0090i	0.2079+0.0971i	-0.0168-0.0093i	0.0577-0.0013i
27.4	-9.0958-1.2620i	-11.6391-1.5155i	0.9843-0.0605i	-0.0534-0.0433i	-0.0056+0.0041i	0.2024+0.1064i	-0.0270-0.0016i	0.0509+0.0032i
27.5	-8.6919-1.2327i	-11.1363-1.4088i	0.5803+0.0970i	-0.0409-0.0316i	-0.0110+0.0075i	0.2221+0.1448i	-0.0225-0.0068i	0.0440+0.0006i
27.6	-8.2918-1.0432i	-10.6747-1.1659i	0.5713+0.2666i	-0.0149-0.0181i	-0.0127+0.0113i	0.2260+0.2053i	-0.0067-0.0116i	0.0471-0.0110i
27.7	-8.3497-0.8151i	-10.7662-0.9514i	0.9429+0.3361i	-0.0333+0.0067i	-0.0164+0.0126i	0.2092+0.2262i	-0.0066-0.0077i	0.0504-0.0192i
27.8	-8.6465-0.8023i	-11.0304-0.9273i	0.7266+0.2326i	-0.0612+0.0061i	-0.0131+0.0046i	0.2113+0.2226i	-0.0178-0.0059i	0.0491-0.0158i
27.9	-8.3934-0.5063i	-10.6875-0.5706i	0.3761+0.1639i	-0.0359+0.0280i	-0.0200+0.0036i	0.2548+0.2775i	-0.0119-0.0110i	0.0399-0.0144i
28.0	-8.1235-0.7177i	-10.3103-0.7781i	0.5591+0.1410i	-0.0301+0.0058i	-0.0222+0.0079i	0.3317+0.2930i	-0.0261-0.0127i	0.0359-0.0184i
28.1	-8.3307-0.9476i	-10.4481-1.0543i	0.7840+0.0861i	-0.0604-0.0158i	-0.0262+0.0043i	0.3682+0.2461i	-0.0349-0.0035i	0.0296-0.0163i
28.2	-8.2167-1.0878i	-10.1673-1.2956i	0.6217+0.2283i	-0.0532-0.0107i	-0.0261+0.0095i	0.4275+0.2272i	-0.0415+0.0023i	0.0315-0.0143i
28.3	-8.0115-0.6955i	-9.9298-0.8473i	0.5230+0.1011i	-0.0558+0.0166i	-0.0287+0.0100i	0.4349+0.2525i	-0.0338+0.0129i	0.0322-0.0126i
28.4	-7.7952-0.7784i	-9.6406-0.9072i	0.2944-0.0969i	-0.0376+0.0027i	-0.0274+0.0028i	0.4649+0.2152i	-0.0150-0.0023i	0.0242-0.0064i
28.5	-7.7746-0.6030i	-9.5320-0.8878i	0.0960+0.0448i	-0.0498+0.0285i	-0.0283+0.0097i	0.4727+0.1951i	-0.0210+0.0013i	0.0239-0.0048i
28.6	-7.6333-0.6432i	-9.3928-0.9125i	0.2167+0.0425i	-0.0358+0.0179i	-0.0287+0.0150i	0.4763+0.1857i	-0.0219+0.0100i	0.0228-0.0055i
28.7	-7.2661-0.5028i	-8.9522-0.7562i	0.4664-0.0172i	-0.0115-0.0122i	-0.0299+0.0133i	0.5000+0.1901i	-0.0133+0.0002i	0.0145-0.0080i
28.8	-7.4349-0.6736i	-9.0546-1.0121i	0.7864+0.2854i	-0.0235+0.0039i	-0.0197+0.0125i	0.4877+0.1408i	-0.0102+0.0009i	0.0232-0.0107i
28.9	-7.3626-0.7301i	-8.9912-1.0982i	0.8892+0.2336i	-0.0208+0.0173i	-0.0232+0.0152i	0.4867+0.1242i	-0.0214+0.0040i	0.0331-0.0094i
29.0	-7.0127-0.5911i	-8.6330-0.9488i	0.5266+0.2263i	-0.0041+0.0205i	-0.0255+0.0288i	0.5007+0.1296i	-0.0182+0.0216i	0.0321-0.0124i
29.1	-6.7623-0.7638i	-8.2949-1.1425i	0.4497+0.2987i	0.0041+0.0226i	-0.0137+0.0233i	0.5192+0.1134i	-0.0118+0.0248i	0.0214-0.0130i
29.2	-6.8713-0.6739i	-8.2860-1.0489i	0.5615+0.0482i	-0.0292+0.0080i	-0.0130+0.0093i	0.4980+0.0991i	-0.0146+0.0044i	0.0294-0.0057i
29.3	-6.7699-0.5865i	-8.1729-1.0062i	0.5648+0.1179i	-0.0377+0.0103i	-0.0202+0.0164i	0.4739+0.1114i	-0.0263+0.0079i	0.0355-0.0076i
29.4	-6.6004-0.5819i	-7.9524-0.9873i	0.4597+0.1780i	-0.0390+0.0066i	-0.0235+0.0174i	0.4775+0.1137i	-0.0308+0.0028i	0.0244-0.0020i
29.5	-6.8340-0.5325i	-8.1407-0.8465i	0.4088+0.1262i	-0.0425+0.0181i	-0.0221+0.0209i	0.4574+0.1217i	-0.0102+0.0216i	0.0140-0.0136i
29.6	-6.6115-0.6837i	-7.8213-1.0761i	0.4993+0.0325i	-0.0354+0.0156i	-0.0197+0.0251i	0.4694+0.0979i	-0.0124+0.0315i	0.0221-0.0198i
29.7	-6.4357-0.7403i	-7.5487-1.2152i	0.1841+0.1894i	-0.0303+0.0190i	-0.0158+0.0201i	0.4755+0.0935i	-0.0133+0.0201i	0.0218-0.0082i
29.8	-6.1487-0.8113i	-7.2301-1.2843i	0.3360+0.2093i	-0.0435+0.0196i	-0.0249+0.0149i	0.4648+0.0922i	-0.0279+0.0272i	0.0252+0.0015i
29.9	-6.2307-0.7985i	-7.2508-1.1655i	0.5817-0.0087i	-0.1115+0.0153i	-0.0279-0.0047i	0.4540+0.0829i	-0.0761+0.0128i	0.0280+0.0283i
30.0	-6.1498-0.8117i	-7.0649-1.1221i	0.6581+0.1322i	-0.0907-0.0054i	-0.0223-0.0025i	0.4548+0.0921i	-0.0349-0.0019i	0.0256+0.0164i
30.1	-6.0144-0.6642i	-6.8534-1.0141i	0.4145-0.0076i	-0.0633+0.0213i	-0.0232+0.0128i	0.4412+0.1095i	-0.0190+0.0129i	0.0251-0.0010i
30.2	-6.1525-0.5766i	-6.9524-0.9549i	0.4654-0.0573i	-0.0568+0.0243i	-0.0217+0.0070i	0.4190+0.1078i	-0.0117+0.0177i	0.0247+0.0005i
30.3	-6.1612-0.4472i	-6.7667-0.7162i	0.6016+0.2619i	-0.0559-0.0133i	-0.0247-0.0004i	0.3989+0.1306i	-0.0147-0.0067i	0.0252+0.0164i
30.4	-5.8738-0.5099i	-6.3961-0.7617i	0.5883+0.1191i	-0.0910-0.0003i	-0.0349+0.0074i	0.4005+0.1531i	-0.0263+0.0024i	0.0329+0.0146i
30.5	-5.8946-0.5320i	-6.3976-0.8498i	0.4282+0.3075i	-0.0932+0.0227i	-0.0249+0.0114i	0.3701+0.1481i	-0.0119+0.0189i	0.0247-0.0007i
30.6	-5.8815-0.5267i	-6.2939-0.8863i	0.4350+0.2329i	-0.1071+0.0258i	-0.0251+0.0078i	0.3626+0.1629i	-0.0085+0.0231i	0.0219-0.0015i
30.7	-5.8338-0.6576i	-6.0555-1.0221i	0.5218-0.0903i	-0.1298+0.0205i	-0.0329+0.0127i	0.3515+0.1905i	-0.0258+0.0141i	0.0306+0.0048i
30.8	-5.8896-0.5617i	-6.0071-0.9897i	0.6398-0.0846i	-0.1549+0.0478i	-0.0360+0.0248i	0.3533+0.2218i	-0.0300+0.0317i	0.0355+0.0012i

30.9	-5.8849-0.2994i	-5.8865-0.7118i	0.6395+0.1342i	-0.1574+0.0693i	-0.0312+0.0191i	0.3284+0.2477i	-0.0235+0.0295i	0.0321+0.0013i
31.0	-5.7726-0.2750i	-5.5735-0.7367i	0.4232+0.0461i	-0.1588+0.0809i	-0.0450+0.0303i	0.3299+0.3008i	-0.0289+0.0440i	0.0374-0.0041i
31.1	-5.7211-0.5955i	-5.3679-0.9888i	0.8532-0.0964i	-0.1911+0.0939i	-0.0385+0.0388i	0.3200+0.3395i	-0.0290+0.0615i	0.0306-0.0135i
31.2	-5.9771-0.6050i	-5.2438-0.9152i	0.6743-0.0967i	-0.2202+0.1231i	-0.0342+0.0443i	0.3016+0.4145i	-0.0285+0.0690i	0.0327-0.0091i
31.3	-6.2719-0.3031i	-5.3439-0.8806i	0.4014-0.0248i	-0.2101+0.1865i	-0.0363+0.0565i	0.3078+0.4895i	-0.0251+0.1000i	0.0318-0.0153i
31.4	-6.1936-0.2301i	-5.2345-0.8865i	0.2814-0.0110i	-0.1941+0.1805i	-0.0233+0.0549i	0.3110+0.5639i	-0.0095+0.0914i	0.0232-0.0102i
31.5	-6.3132+0.2070i	-5.0394-0.6829i	0.6248+0.0020i	-0.1680+0.2650i	-0.0209+0.0572i	0.3510+0.6886i	0.0019+0.0967i	0.0188-0.0160i
31.6	-6.3290+0.1596i	-4.8410-0.8993i	0.5005-0.2376i	-0.1592+0.3053i	-0.0178+0.0570i	0.4684+0.7660i	0.0226+0.1101i	0.0176-0.0082i
31.7	-6.3833+0.2892i	-4.6856-0.8829i	0.4360+0.2119i	-0.1548+0.3527i	-0.0071+0.0479i	0.6261+0.8447i	0.0438+0.1157i	0.0066+0.0061i
31.8	-6.3763+0.2950i	-4.4167-0.8210i	0.6311+0.2888i	-0.1129+0.3435i	0.0003+0.0456i	0.8058+0.8879i	0.0695+0.1094i	0.0106+0.0108i
31.9	-6.4595+0.3677i	-4.3465-0.7099i	0.7698+0.0546i	-0.0888+0.3763i	-0.0009+0.0492i	0.9230+0.8828i	0.0869+0.1153i	0.0236+0.0069i
32.0	-6.7771+0.7276i	-4.1274-0.6344i	0.6575-0.1606i	-0.0594+0.3890i	0.0002+0.0420i	1.0765+0.7910i	0.1143+0.0932i	0.0385+0.0078i
32.1	-7.2690+1.4580i	-4.0979-0.3639i	0.4294-0.0002i	-0.0439+0.4125i	-0.0044+0.0471i	1.1566+0.7066i	0.1383+0.0821i	0.0387+0.0061i
32.2	-7.2470+1.8995i	-3.7502-0.3512i	0.5439+0.0608i	-0.0097+0.4279i	-0.0062+0.0633i	1.2724+0.6160i	0.1489+0.0783i	0.0418-0.0075i
32.3	-7.3867+2.1655i	-3.5189-0.5092i	0.6784-0.1406i	0.0316+0.3926i	0.0064+0.0634i	1.3198+0.5470i	0.1596+0.0562i	0.0419-0.0212i
32.4	-7.7335+2.4695i	-3.5316-0.8190i	0.4008-0.0115i	0.0304+0.3846i	0.0135+0.0697i	1.4156+0.4279i	0.1640+0.0305i	0.0450-0.0212i
32.5	-8.0876+3.4668i	-3.6584-0.6242i	0.0771+0.0024i	0.0225+0.3888i	0.0197+0.0662i	1.4523+0.2957i	0.1676-0.0163i	0.0478-0.0177i
32.6	-8.3526+4.4812i	-3.6469-0.3409i	0.1200+0.0797i	0.0348+0.3986i	0.0341+0.0556i	1.4629+0.2023i	0.1702-0.0470i	0.0418-0.0175i
32.7	-7.7956+5.9633i	-3.0168-0.0988i	0.3925+0.0730i	0.0599+0.3924i	0.0395+0.0491i	1.4421+0.0806i	0.1441-0.0857i	0.0459-0.0263i
32.8	-7.2861+6.4580i	-2.8994-0.6803i	0.3442-0.2491i	0.0273+0.3628i	0.0482+0.0399i	1.3528-0.0678i	0.1105-0.0991i	0.0440-0.0446i
32.9	-6.6977+7.3885i	-2.7613-0.8292i	0.4544-0.3842i	-0.0375+0.3771i	0.0312+0.0256i	1.2951-0.0964i	0.0492-0.1100i	0.0447-0.0532i
33.0	-6.1332+7.7179i	-3.0356-0.7950i	0.2078-0.2165i	-0.0373+0.4492i	0.0301+0.0399i	1.2534-0.1751i	0.0195-0.0735i	0.0441-0.0702i
33.1	-4.2973+8.1253i	-2.4335-0.7327i	0.5412+0.0083i	0.0207+0.4839i	0.0392+0.0503i	1.2381-0.1991i	0.0015-0.0448i	0.0360-0.1065i
33.2	-3.9588+8.8012i	-2.3397-0.4480i	0.4290+0.0574i	0.0227+0.4997i	0.0460+0.0545i	1.1895-0.1729i	-0.0049-0.0210i	0.0072-0.1212i
33.3	-2.5988+8.9177i	-1.5756-0.1192i	0.5492+0.1377i	0.0905+0.5217i	0.0608+0.0544i	1.1686-0.1803i	-0.0106-0.0137i	-0.0025-0.1161i
33.4	-1.6554+8.4858i	-1.0126-0.4369i	0.7483-0.0977i	0.1112+0.4969i	0.0718+0.0554i	1.1628-0.2152i	-0.0173-0.0023i	-0.0247-0.1219i
33.5	-2.7005+9.4696i	-1.6234-0.3088i	0.1988-0.0740i	0.0739+0.5960i	0.0795+0.0487i	1.1125-0.2031i	-0.0128+0.0525i	-0.0645-0.1201i
33.6	-3.6746+11.4378i	-1.7732+0.1967i	0.0343+0.0518i	0.0707+0.7217i	0.0961+0.0439i	1.0892-0.2118i	0.0159+0.0806i	-0.0927-0.1150i
33.7	-4.5583+12.9936i	-1.6998-0.0421i	-0.2210-0.1372i	0.0644+0.8099i	0.1152+0.0251i	1.1142-0.2491i	0.0692+0.1282i	-0.1398-0.0919i
33.8	-4.3789+15.4486i	-1.5589+0.0703i	-0.1589-0.2505i	0.1078+0.9317i	0.1367+0.0171i	1.1219-0.2655i	0.1353+0.1834i	-0.1720-0.0734i
33.9	-1.7931+18.5993i	-1.1225+0.2095i	-0.0719-0.4409i	0.2871+1.0584i	0.1378-0.0043i	1.0997-0.3155i	0.2200+0.1677i	-0.2015-0.0480i
34.0	3.6563+20.6434i	-0.8583+0.6286i	-0.2043-0.0846i	0.5579+1.1152i	0.1470-0.0221i	0.9813-0.3649i	0.3026+0.1285i	-0.2216+0.0056i
34.1	7.5389+19.9980i	-0.5441+0.5053i	0.0352-0.1017i	0.7264+1.0543i	0.1571-0.0326i	0.9165-0.3619i	0.3402+0.0916i	-0.2315+0.0334i
34.2	12.2532+16.4558i	0.0113+0.2564i	0.0934+0.0709i	0.8929+0.8306i	0.1497-0.0621i	0.8719-0.3227i	0.3187-0.0076i	-0.2083+0.0837i
34.3	15.4278+12.7726i	0.4270-0.1896i	0.0487-0.0288i	0.9779+0.6189i	0.1443-0.0818i	0.8360-0.3079i	0.3014-0.0905i	-0.1922+0.1159i
34.4	15.9441+9.1707i	0.7180-0.1809i	0.2388+0.1933i	0.9891+0.4971i	0.1455-0.0855i	0.8289-0.2555i	0.3062-0.0972i	-0.1808+0.1297i
34.5	14.7472+6.6673i	0.6301-0.3818i	0.2101+0.1810i	0.9291+0.4211i	0.1264-0.0987i	0.8480-0.2255i	0.2846-0.1043i	-0.1547+0.1481i
34.6	14.8390+4.8557i	0.9811-0.5561i	0.2671+0.1090i	0.9387+0.3224i	0.1310-0.1307i	0.8458-0.2169i	0.2725-0.1483i	-0.1433+0.1644i
34.7	14.1226+2.6869i	1.3376-0.5170i	0.5028+0.0339i	0.9176+0.2387i	0.1351-0.1554i	0.8899-0.1860i	0.2725-0.1703i	-0.1414+0.2027i
34.8	13.2331+2.0404i	1.4297-0.6191i	0.4406+0.1307i	0.8720+0.1745i	0.1173-0.1632i	0.9041-0.1764i	0.2429-0.2023i	-0.1179+0.2049i
34.9	12.7560+1.1483i	1.3015-0.8477i	0.2174+0.4256i	0.8649+0.1443i	0.1011-0.1857i	0.8730-0.1917i	0.2304-0.2178i	-0.0926+0.2139i
35.0	12.4941+0.5705i	1.5361-0.9495i	0.3773+0.5134i	0.8483+0.1190i	0.0872-0.2031i	0.8895-0.2126i	0.2267-0.2332i	-0.0830+0.2225i
35.1	11.9868+0.1370i	1.6987-0.9117i	0.2256+0.2552i	0.8495+0.0812i	0.0579-0.2345i	0.8816-0.2193i	0.2193-0.2796i	-0.0526+0.2532i
35.2	11.1844-0.7523i	1.9099-1.1503i	0.3354+0.0452i	0.8195+0.0168i	0.0192-0.2400i	0.8919-0.2512i	0.1871-0.2959i	-0.0078+0.2524i
35.3	10.8764-1.1984i	2.0159-1.1424i	0.1195+0.0683i	0.8004-0.0090i	-0.0158-0.2297i	0.8735-0.2402i	0.1571-0.2923i	0.0270+0.2434i
35.4	10.3219-1.3965i	1.8682-1.1697i	0.3936+0.0702i	0.7728-0.0256i	-0.0402-0.2250i	0.8644-0.2163i	0.1426-0.2987i	0.0231+0.2361i
35.5	9.6673-1.2939i	1.9861-1.0995i	0.3982-0.0683i	0.7489-0.0300i	-0.0735-0.2099i	0.8755-0.2011i	0.1118-0.3042i	0.0460+0.2334i
35.6	9.2371-1.2864i	2.0522-1.1399i	0.0786-0.0268i	0.7342-0.0292i	-0.0741-0.2000i	0.8615-0.1993i	0.1047-0.3102i	0.0457+0.2374i
35.7	8.7661-1.2565i	2.1394-1.1124i	0.1639+0.0748i	0.7319-0.0512i	-0.0975-0.1647i	0.8627-0.1961i	0.0812-0.3047i	0.0817+0.2195i
35.8	8.7088-0.8162i	2.2995-0.8910i	0.5317+0.1313i	0.7442-0.0736i	-0.1004-0.1460i	0.8910-0.1840i	0.0765-0.2964i	0.0806+0.1972i
35.9	8.7912-0.9829i	2.5006-1.0081i	0.9340+0.5520i	0.7204-0.1460i	-0.0828-0.1638i	0.9011-0.1982i	0.0596-0.3513i	0.0803+0.2400i
36.0	8.5953-0.8663i	2.5994-0.9444i	0.7320+0.4355i	0.6986-0.1562i	-0.0781-0.1556i	0.9188-0.2114i	0.0423-0.3634i	0.0929+0.2432i
36.1	8.5110-1.1031i	2.8532-1.0722i	0.4010-0.0641i	0.6383-0.1709i	-0.0607-0.1487i	0.9366-0.2193i	0.0271-0.3467i	0.0738+0.2364i
36.2	8.8654-0.7579i	2.9245-0.7951i	0.2583+0.3688i	0.6338-0.1808i	-0.0786-0.1548i	0.9628-0.2060i	0.0035-0.3706i	0.0887+0.2665i
36.3	8.9765-0.7128i	2.9711-0.7801i	0.1061+0.0520i	0.6095-0.1908i	-0.0904-0.1583i	0.9663-0.1953i	-0.0383-0.3585i	0.1080+0.2630i
36.4	8.7669-0.8209i	3.0626-0.9171i	0.0661+0.0382i	0.5359-0.2241i	-0.0822-0.1745i	0.9824-0.2252i	-0.0823-0.3759i	0.1068+0.2809i
36.5	8.9553-1.0154i	3.3994-1.0006i	0.3027+0.2003i	0.4854-0.2476i	-0.0826-0.1672i	1.0071-0.2666i	-0.1156-0.3857i	0.1274+0.2782i
36.6	9.1099-1.0903i	3.7316-1.0503i	0.5306+0.1586i	0.4490-0.2500i	-0.1093-0.1629i	1.0243-0.3010i	-0.1723-0.3702i	0.1781+0.2787i
36.7	9.2401-1.4529i	3.9949-1.2142i	0.6954+0.0415i	0.4021-0.2456i	-0.1514-0.1627i	1.0065-0.3231i	-0.2640-0.3383i	0.2496+0.2566i
36.8	9.2699-1.5420i	4.0505-1.2468i	0.8093+0.1256i	0.3786-0.2191i	-0.1581-0.1443i	0.9838-0.3230i	-0.2846-0.2921i	0.2565+0.2347i
36.9	9.2516-1.5142i	4.1139-1.2237i	0.6169+0.0575i	0.3470-0.1498i	-0.1481-0.1168i	0.9683-0.3726i	-0.2736-0.2102i	0.2553+0.2017i
37.0	9.0525-1.6707i	4.2114-1.2486i	0.1936-0.0269i	0.2880-0.1019i	-0.1652-0.1025i	0.9560-0.4147i	-0.2937-0.1373i	0.2808+0.1842i
37.1	8.7571-1.6160i	4.1872-1.2780i	0.2707+0.2028i	0.2842+0.0166i	-0.1886-0.0867i	0.9566-0.4062i	-0.2819-0.0580i	0.3137+0.1513i

37.2	8.9162-1.4556i	4.4705-1.0295i	0.5274+0.1154i	0.3645+0.0283i	-0.1877-0.0718i	0.9499-0.3888i	-0.2202-0.0298i	0.3309+0.1519i
37.3	9.1247-1.4127i	4.8316-0.9061i	0.3554+0.0016i	0.4147+0.0065i	-0.1640-0.0602i	0.9219-0.4168i	-0.1723-0.0351i	0.3308+0.1314i
37.4	9.1303-1.2035i	4.8114-0.8113i	0.0958+0.0135i	0.4784-0.0057i	-0.1487-0.0380i	0.9000-0.4377i	-0.1060-0.0428i	0.3274+0.1134i
37.5	9.0820-1.4122i	5.0466-1.1583i	0.0968+0.1070i	0.5063-0.0184i	-0.1359-0.0141i	0.9119-0.4895i	-0.0560-0.0100i	0.3264+0.0795i
37.6	9.2388-1.4997i	5.2407-1.2964i	0.1986+0.1921i	0.4506-0.0660i	-0.1309-0.0350i	0.8407-0.5179i	-0.0990-0.0493i	0.3491+0.0756i
37.7	9.3997-1.3002i	5.3875-1.0478i	0.0577-0.0759i	0.4471-0.1094i	-0.1341-0.0251i	0.8471-0.5096i	-0.1001-0.0801i	0.3696+0.0477i
37.8	9.5970-1.2260i	5.7076-0.8169i	0.1074+0.1472i	0.4455-0.1155i	-0.1171-0.0208i	0.8481-0.5046i	-0.0800-0.0952i	0.3497+0.0340i
37.9	9.7123-1.1566i	6.0182-0.8410i	0.3497+0.1496i	0.4162-0.1154i	-0.0873-0.0208i	0.8180-0.5330i	-0.0915-0.0886i	0.3319+0.0079i
38.0	9.7825-1.0321i	5.9898-0.7465i	0.2391+0.3393i	0.3802-0.0804i	-0.1109-0.0160i	0.7579-0.5270i	-0.1247-0.0773i	0.3732-0.0104i
38.1	9.8442-1.1402i	6.0288-0.7651i	0.1001+0.3427i	0.3582+0.0090i	-0.1279-0.0277i	0.7799-0.5531i	-0.1264-0.0194i	0.3957-0.0011i
38.2	9.9629-1.2026i	6.2109-0.8537i	-0.1014+0.6438i	0.4086-0.0400i	-0.0806-0.0637i	0.7354-0.5106i	-0.0551-0.0440i	0.3619-0.0117i
38.3	10.1607-1.3905i	6.4737-1.0371i	0.0192+0.4128i	0.4153-0.1000i	-0.0743-0.1052i	0.6750-0.4634i	-0.0404-0.0827i	0.3707-0.0210i
38.4	10.2791-1.4084i	6.8678-0.9869i	0.0629+0.1718i	0.4615-0.1246i	-0.0939-0.1199i	0.6617-0.4423i	-0.0346-0.1259i	0.3830-0.0263i
38.5	10.0372-1.5335i	6.7984-1.1182i	-0.1536+0.2990i	0.4015-0.1133i	-0.0791-0.1491i	0.6536-0.4338i	-0.0346-0.1150i	0.3202-0.0435i
38.6	10.2881-1.4603i	6.9827-1.0411i	0.3043+0.7115i	0.3876-0.1271i	-0.1100-0.1372i	0.6607-0.3829i	-0.0553-0.1196i	0.3225-0.1127i
38.7	10.2407-1.4785i	6.8686-1.1245i	-0.0597+0.6033i	0.3282-0.1004i	-0.1350-0.1433i	0.6400-0.3295i	-0.1035-0.1118i	0.3063-0.1317i
38.8	10.4347-1.3243i	7.2222-0.9143i	0.1082+0.7657i	0.3400-0.0923i	-0.1632-0.1601i	0.6492-0.3408i	-0.1062-0.1324i	0.3216-0.1430i
38.9	10.5340-1.2282i	7.3742-0.8138i	0.0347+0.5413i	0.2882-0.0594i	-0.2202-0.1844i	0.6566-0.3356i	-0.1357-0.1146i	0.3644-0.1306i
39.0	10.7561-1.4835i	7.6888-1.2006i	0.0413-0.0610i	0.2651-0.0982i	-0.2434-0.1749i	0.6763-0.3472i	-0.1501-0.1149i	0.3220-0.1744i
39.1	10.6689-1.3815i	7.7874-1.2045i	0.0576+0.2105i	0.2794-0.0281i	-0.2520-0.1573i	0.6587-0.3243i	-0.1388-0.0827i	0.2748-0.1877i
39.2	10.6401-1.0819i	7.7487-0.5940i	-0.0570+0.7952i	0.2920+0.0359i	-0.2853-0.1332i	0.6600-0.2948i	-0.1134-0.0317i	0.2759-0.1773i
39.3	11.1484-1.2432i	8.2907-0.9977i	0.0335+0.1583i	0.2636-0.0249i	-0.2680-0.1051i	0.6753-0.2818i	-0.1394-0.0578i	0.2384-0.2072i
39.4	11.3288-1.3548i	8.4447-1.1252i	0.1133+0.0790i	0.2585-0.0011i	-0.2752-0.0805i	0.6928-0.2686i	-0.1413-0.0373i	0.2190-0.2311i
39.5	11.3939-1.1458i	8.6689-0.9533i	0.4286+0.1200i	0.3105+0.0123i	-0.3035-0.0599i	0.7130-0.2652i	-0.1195-0.0296i	0.2166-0.1971i
39.6	11.4102-0.9439i	8.6497-0.7783i	-0.1046+0.3463i	0.2712+0.0942i	-0.3298-0.0503i	0.6873-0.2705i	-0.1158+0.0084i	0.2349-0.1738i
39.7	11.9236-1.0683i	9.3422-0.8643i	0.3044-0.0070i	0.3189+0.0342i	-0.2912-0.0426i	0.6701-0.2795i	-0.1059-0.0265i	0.2139-0.1262i
39.8	12.0879-1.0609i	9.5788-0.8164i	0.3142+0.4421i	0.3054+0.0426i	-0.2989-0.0074i	0.6839-0.2173i	-0.1157-0.0516i	0.2559-0.1511i
39.9	11.9470-1.0356i	9.3679-0.8579i	0.0269+0.4449i	0.2798+0.0892i	-0.3117+0.0002i	0.7246-0.1905i	-0.1240-0.0149i	0.2523-0.1960i
40.0	12.1554-0.8960i	9.6411-0.6532i	0.1226+0.6329i	0.3531+0.0678i	-0.2964+0.0655i	0.7405-0.1759i	-0.0837-0.0303i	0.1919-0.2787i
40.1	12.4299-0.6539i	10.0435-0.4109i	0.3319+1.0609i	0.4326+0.0883i	-0.3191+0.1024i	0.7283-0.1647i	-0.0483-0.0459i	0.2368-0.3038i
40.2	12.7308-0.8230i	10.4009-0.7383i	0.3598+0.3426i	0.3836-0.0062i	-0.3043+0.0872i	0.7577-0.1736i	-0.0768-0.0798i	0.2167-0.3063i
40.3	13.1229-0.7613i	10.8158-0.6744i	0.7098+0.2478i	0.4125-0.0048i	-0.3148+0.1406i	0.7846-0.1785i	-0.0612-0.0802i	0.2274-0.3553i
40.4	13.1434-0.9129i	10.8058-0.9069i	0.5595+0.2333i	0.4046+0.0337i	-0.3001+0.1609i	0.8007-0.1883i	-0.0520-0.0561i	0.1873-0.3603i
40.5	13.0042-0.8909i	10.5904-0.8397i	-0.3154-0.0542i	0.3477+0.0775i	-0.2939+0.1080i	0.8268-0.1949i	-0.0527-0.0386i	0.1411-0.2873i
40.6	13.4178-0.7125i	11.2467-0.5555i	-0.1057+0.2690i	0.4188+0.0352i	-0.2761+0.1674i	0.8587-0.1896i	-0.0371-0.0811i	0.1256-0.3094i
40.7	13.6972-0.8369i	11.5457-0.5897i	0.1312+0.7900i	0.3837+0.0037i	-0.2175+0.2043i	0.8795-0.1830i	-0.0684-0.0993i	0.0665-0.3331i
40.8	13.8139-1.0188i	11.6209-0.9053i	-0.3447+0.8121i	0.3002+0.0613i	-0.2471+0.1647i	0.8924-0.2062i	-0.0991-0.0723i	0.1019-0.2822i
40.9	14.1411-0.9236i	11.9710-0.8392i	0.0788+0.7927i	0.3160+0.0428i	-0.1983+0.2421i	0.9261-0.2079i	-0.1003-0.0890i	0.0400-0.3633i
41.0	14.2611-0.8953i	12.0849-0.8901i	-0.2201+0.7455i	0.2840-0.0119i	-0.1740+0.2355i	0.9488-0.2314i	-0.1253-0.1192i	-0.0089-0.3664i
41.1	14.2914-1.0529i	12.1624-0.9864i	0.0474+0.8197i	0.2693+0.0339i	-0.1277+0.2081i	0.9411-0.2681i	-0.1409-0.0778i	-0.0353-0.2959i
41.2	14.8550-1.2182i	12.8219-1.2377i	0.4551+0.4966i	0.2051+0.0272i	-0.0951+0.2411i	0.9673-0.2796i	-0.1896-0.0733i	-0.0778-0.3292i
41.3	15.0385-1.0835i	13.0204-1.0850i	0.3255+0.5776i	0.2369+0.0807i	-0.1301+0.2122i	0.9679-0.2782i	-0.1729-0.0585i	-0.0359-0.3049i
41.4	15.0018-1.1757i	13.0256-1.1498i	0.6591+0.7087i	0.2857+0.0964i	-0.0873+0.2005i	0.9605-0.3284i	-0.1613-0.0578i	-0.0871-0.3017i
41.5	15.1121-0.9110i	13.1952-0.7613i	0.7793+1.2680i	0.3576+0.0910i	-0.0873+0.2286i	0.9411-0.3290i	-0.1324-0.0859i	-0.0684-0.3086i
41.6	15.3631-1.0565i	13.4818-1.0309i	0.3107+1.2613i	0.2886+0.1131i	-0.0590+0.2192i	0.9541-0.3450i	-0.1722-0.0736i	-0.0979-0.2609i
41.7	15.5479-0.9015i	13.7025-0.8363i	0.6348+0.7987i	0.2638+0.1259i	0.0041+0.2158i	0.9352-0.3548i	-0.1919-0.0478i	-0.1685-0.2470i
41.8	15.6463-0.8978i	13.8949-0.7763i	0.7782+0.6916i	0.2359+0.1207i	0.0216+0.2065i	0.9105-0.3691i	-0.2111-0.0303i	-0.1819-0.2341i
41.9	15.8035-0.8746i	14.0722-0.8095i	0.9746+0.7742i	0.2527+0.1892i	0.0099+0.1818i	0.9047-0.3875i	-0.2143-0.0022i	-0.1497-0.2053i
42.0	15.9184-0.7608i	14.1489-0.7072i	0.8147+0.6007i	0.2811+0.2467i	0.0241+0.1651i	0.8673-0.4151i	-0.2085+0.0367i	-0.1631-0.1828i
42.1	16.1495-0.7286i	14.4742-0.6873i	0.9212+0.4728i	0.2502+0.2405i	0.0146+0.1450i	0.8640-0.3874i	-0.2042+0.0376i	-0.1528-0.1319i
42.2	16.7871-0.7283i	15.1738-0.6990i	0.8618+0.2884i	0.2095+0.1706i	0.0244+0.1716i	0.8943-0.3988i	-0.2378-0.0190i	-0.1315-0.1558i
42.3	16.8771-0.8569i	15.0771-0.8942i	0.4745+0.6288i	0.2939+0.2664i	0.0202+0.1010i	0.8665-0.3688i	-0.1813+0.0595i	-0.0584-0.0716i
42.4	16.9715-0.6988i	15.1973-0.6690i	1.1973+1.0027i	0.3131+0.3164i	0.0663+0.0849i	0.8799-0.3555i	-0.1761+0.0997i	-0.0937-0.0681i
42.5	17.4090-0.6597i	15.8174-0.5981i	1.2244+0.9612i	0.2744+0.3242i	0.0564+0.0782i	0.9037-0.3577i	-0.1964+0.0999i	-0.0406-0.1151i
42.6	17.7194-0.7155i	16.2232-0.5420i	1.3212+0.7513i	0.3265+0.3948i	0.0290+0.0342i	0.8914-0.3694i	-0.1692+0.1562i	0.0086-0.1572i
42.7	17.7681-0.5996i	16.2724-0.4002i	1.0567+0.2375i	0.3825+0.3946i	0.0235+0.0143i	0.8838-0.3645i	-0.1340+0.1597i	-0.0726-0.1772i
42.8	17.8890-0.3220i	16.5081-0.2105i	0.8100+0.3290i	0.3658+0.3383i	0.0401+0.0310i	0.8695-0.3650i	-0.1539+0.1379i	-0.1856-0.1526i
42.9	18.1616-0.3578i	16.8203-0.3101i	1.0482+0.5447i	0.3334+0.3538i	0.0506+0.0064i	0.8630-0.3628i	-0.1705+0.1613i	-0.1889-0.0835i
43.0	18.5896-0.4044i	17.2570-0.3168i	1.4911+0.4738i	0.4227+0.4311i	0.0425-0.0110i	0.8804-0.3292i	-0.1295+0.2072i	-0.1201-0.0699i
43.1	18.6964-0.2551i	17.3342-0.1400i	1.2473+0.6738i	0.5550+0.4786i	-0.0142-0.0016i	0.9031-0.2915i	-0.0322+0.2391i	-0.0626-0.1081i
43.2	18.8628-0.4234i	17.4801-0.2570i	1.3164+0.7182i	0.6210+0.4522i	-0.0609-0.0009i	0.9239-0.2907i	0.0505+0.2384i	-0.0231-0.1266i
43.3	19.2488-0.5149i	17.8903-0.3953i	1.2101+0.9572i	0.6378+0.3628i	-0.0893+0.0119i	0.9581-0.3091i	0.0811+0.1627i	-0.0464-0.1636i
43.4	19.6322-0.1269i	18.4031-0.0136i	0.9754+0.4730i	0.6102+0.3211i	-0.0846+0.0288i	0.9727-0.3303i	0.0777+0.1271i	-0.0730-0.1056i

43.5	19.9408-0.1231i	18.6998+0.0046i	0.8334-0.0621i	0.5739+0.3355i	-0.0556+0.0105i	0.9521-0.3367i	0.0496+0.1454i	-0.1156-0.0868i
43.6	20.3338-0.2646i	19.1305-0.1260i	0.9227+0.3562i	0.5626+0.3578i	-0.0530+0.0188i	0.9693-0.3318i	0.0403+0.1465i	-0.1096-0.0701i
43.7	20.7013-0.2552i	19.5898-0.0810i	1.4074+0.4157i	0.5599+0.3054i	-0.0654+0.0467i	0.9921-0.3325i	0.0362+0.0990i	-0.0607-0.1241i
43.8	20.8520-0.2083i	19.8244+0.0081i	1.5585+0.5687i	0.6495+0.2477i	-0.0557+0.0720i	1.0180-0.3355i	0.0758+0.0682i	-0.1038-0.2411i
43.9	21.2618+0.0617i	20.2383+0.2242i	1.4181+0.4454i	0.6492+0.2376i	-0.0586+0.0840i	1.0179-0.3410i	0.0710+0.0512i	-0.2097-0.1880i
44.0	21.7649-0.2935i	20.8159-0.1662i	1.1066+0.2588i	0.6010+0.2897i	-0.0694+0.0474i	1.0250-0.3629i	0.0550+0.0792i	-0.2058-0.0649i
44.1	22.2055-0.2438i	21.2385-0.1176i	0.8790+0.2061i	0.5720+0.3332i	-0.0588+0.0233i	1.0456-0.3609i	0.0433+0.1044i	-0.2171+0.0014i
44.2	22.4749-0.5352i	21.5162-0.3428i	0.6107+0.3310i	0.6283+0.3303i	-0.0931+0.0492i	1.0485-0.3661i	0.1022+0.1035i	-0.1542+0.0520i
44.3	22.7443-0.8516i	21.7177-0.5714i	0.8007+0.1684i	0.6484+0.2696i	-0.0189+0.0622i	1.1076-0.3885i	0.0471+0.0523i	-0.0827+0.0201i
44.4	23.2096-1.1964i	22.2930-0.8693i	0.8592-0.1319i	0.6835+0.3404i	0.0040-0.0221i	1.1285-0.4605i	0.0457+0.1671i	-0.0573+0.0130i
44.5	23.1399-1.1291i	22.4379-0.8100i	0.9547-0.2130i	0.7299+0.3193i	-0.0406-0.0569i	1.0898-0.5183i	0.1532+0.1651i	-0.0666-0.0553i
44.6	23.0231-0.6817i	22.3522-0.3835i	1.1988-0.0863i	0.6825+0.2631i	-0.0399-0.0252i	1.0781-0.4925i	0.1569+0.0978i	-0.1770-0.0540i
44.7	23.8733-0.7405i	23.3000-0.3867i	0.8823+0.0716i	0.7937+0.2283i	-0.0892+0.0332i	1.1339-0.4990i	0.2044+0.0420i	-0.0729-0.0875i
44.8	23.9124-0.8769i	23.3908-0.6158i	0.2907+0.4454i	0.7678+0.2102i	-0.0797+0.0294i	1.0906-0.5229i	0.2050+0.0322i	-0.1358-0.1049i
44.9	24.0208-0.6121i	23.5535-0.3604i	0.5309-0.1322i	0.7649+0.1276i	-0.0687-0.0095i	1.0878-0.5016i	0.2170-0.0256i	-0.1574-0.0258i
45.0	24.5333-0.2744i	24.1211+0.0231i	0.5984-0.1375i	0.7334+0.1332i	-0.0948-0.0576i	1.0920-0.5046i	0.2073-0.0020i	-0.1619+0.0203i
45.1	25.3123-0.1823i	24.8835+0.1931i	0.7893+0.2086i	0.7537+0.2510i	-0.1363-0.0489i	1.0861-0.4789i	0.2488+0.0405i	-0.1375+0.1158i
45.2	25.7802-0.6607i	25.4466-0.2812i	0.8112+0.2919i	0.8272+0.1651i	-0.1460+0.0233i	1.1517-0.4912i	0.2999-0.0759i	-0.0602+0.0389i
45.3	25.9346-0.7114i	25.6948-0.3060i	0.5014+0.1248i	0.7153+0.1230i	-0.1480+0.0383i	1.1665-0.5246i	0.2393-0.1119i	-0.0966+0.0153i
45.4	26.3506-0.7350i	26.1220-0.3177i	0.4921+0.3245i	0.6867+0.2264i	-0.1774+0.0800i	1.1885-0.5565i	0.2401-0.1134i	-0.0607+0.0342i
45.5	26.8318-0.8812i	26.6456-0.3425i	0.5050+0.0632i	0.7957+0.2462i	-0.1538+0.0857i	1.1821-0.5886i	0.2417-0.1135i	-0.0639+0.0389i
45.6	27.0761-0.8805i	26.9367-0.4244i	0.6915-0.2381i	0.8009+0.2639i	-0.0909+0.0031i	1.1576-0.6102i	0.1729-0.0301i	-0.1407+0.1632i
45.7	27.4554-0.9811i	27.2268-0.6312i	0.6997+0.1935i	0.8123+0.2998i	-0.1318-0.0109i	1.1988-0.6162i	0.2580+0.0530i	-0.0593+0.2535i
45.8	28.0595-1.6678i	27.9963-1.0864i	1.0855-0.4346i	0.8869+0.1897i	-0.1550+0.0261i	1.2011-0.7039i	0.3217-0.0608i	0.0575+0.1781i
45.9	28.3699-1.8313i	28.6040-1.1417i	0.3974-0.7095i	0.9661+0.2112i	-0.1809+0.0501i	1.1243-0.7318i	0.3312-0.1365i	0.1296+0.0690i
46.0	28.4292-1.3925i	28.7096-0.7608i	0.4361-0.8006i	0.9418+0.1836i	-0.1570+0.0117i	1.0960-0.6963i	0.2873-0.1257i	0.0440+0.1371i
46.1	28.6790-1.5951i	28.9628-1.0704i	1.0972-0.3812i	0.9536+0.1522i	-0.1099+0.0101i	1.1346-0.7133i	0.2948-0.0972i	0.0638+0.2014i
46.2	29.0846-1.7286i	29.3805-1.1125i	1.1538+0.0193i	1.0664+0.0089i	-0.1530+0.0929i	1.1720-0.7593i	0.4112-0.2628i	0.1890+0.0630i
46.3	29.5514-1.9778i	29.9909-1.3205i	1.2957-0.1992i	1.0580-0.0873i	-0.1295+0.1320i	1.1338-0.8033i	0.3753-0.3516i	0.1041-0.0107i
46.4	29.9853-2.5219i	30.6132-1.8572i	1.1992-0.5145i	1.0659-0.1387i	-0.1554+0.1124i	1.1053-0.8601i	0.4094-0.3925i	0.1706+0.0405i
46.5	30.1341-2.5694i	31.0404-1.8173i	0.8318-0.8317i	0.9558-0.3200i	-0.1376+0.1133i	1.0143-0.8672i	0.3330-0.5330i	0.1496-0.0144i
46.6	29.8698-1.8529i	30.8006-1.1820i	0.7881-0.9656i	0.8100-0.3221i	-0.0918+0.1245i	0.9967-0.7729i	0.2036-0.5521i	0.1446+0.0016i
46.7	30.1244-1.5369i	31.1485-0.9098i	0.2511-1.0348i	0.7105-0.2878i	-0.1129+0.1356i	1.0360-0.7350i	0.1360-0.5715i	0.2244-0.1083i
46.8	30.9242-1.8821i	32.0988-1.3010i	-0.2273-0.2570i	0.6406-0.2802i	-0.1395+0.2090i	1.0829-0.7262i	0.0789-0.6074i	0.1634-0.2024i
46.9	31.4844-1.8024i	32.6712-1.2685i	0.4220+0.4737i	0.6525-0.2239i	-0.0780+0.2832i	1.1425-0.7473i	0.0229-0.6349i	0.0743-0.2342i
47.0	31.8701-2.2049i	33.1151-1.6230i	0.6732-0.2926i	0.7514-0.2044i	0.0120+0.1916i	1.1518-0.8500i	0.0025-0.5439i	0.0409-0.1154i
47.1	31.9033-2.3299i	33.2812-1.7024i	-0.1841-0.5602i	0.6908-0.3182i	-0.0502+0.1486i	1.0379-0.8742i	0.0260-0.5726i	0.1644-0.1144i
47.2	32.0079-2.2612i	33.6021-1.7569i	-0.3930-0.7623i	0.5386-0.3728i	-0.1148+0.1581i	0.9501-0.8043i	-0.0178-0.6288i	0.1736-0.2574i
47.3	32.7907-1.7834i	34.4838-1.3008i	-0.2262-0.5609i	0.4341-0.3142i	-0.0411+0.2181i	1.0290-0.7291i	-0.1617-0.6472i	-0.0435-0.3802i
47.4	33.7085-1.5649i	35.4436-1.0788i	0.3594-0.4420i	0.3631-0.2614i	0.0905+0.2111i	1.1613-0.7779i	-0.3220-0.5976i	-0.2778-0.3096i
47.5	33.9387-1.8703i	35.6368-1.5110i	0.6823-0.1926i	0.3818-0.1600i	0.1229+0.1614i	1.2183-0.8669i	-0.2994-0.4809i	-0.3475-0.0741i
47.6	34.5549-2.4819i	36.3092-2.0703i	0.3500-0.2079i	0.3987-0.1376i	0.0996+0.1757i	1.2171-0.9778i	-0.2605-0.4895i	-0.3068+0.1613i
47.7	34.6174-3.1920i	36.4993-2.7330i	0.0390+0.1233i	0.3773-0.1825i	0.1826+0.1575i	1.0824-1.0782i	-0.3706-0.5207i	-0.0474+0.2355i
47.8	34.3158-2.9871i	36.2540-2.5445i	0.5480-0.6065i	0.2582-0.1470i	0.2774+0.0325i	0.9478-1.0607i	-0.5326-0.3907i	0.0482+0.1122i
47.9	34.2388-2.3606i	36.3300-1.9847i	1.0466-1.0731i	0.2711-0.0016i	0.2577-0.0704i	0.8683-0.9581i	-0.5216-0.2246i	0.0660+0.0069i
48.0	35.1643-2.2146i	37.4173-1.9076i	0.0951-1.0438i	0.3568-0.0245i	0.1577-0.0942i	0.9446-0.9087i	-0.3997-0.2097i	0.0769+0.0454i
48.1	35.6744-2.2204i	37.9985-1.8268i	-0.2095-1.5078i	0.2794-0.1411i	0.1233-0.1209i	0.9186-0.9406i	-0.3732-0.2631i	0.1513-0.0221i
48.2	36.5814-2.3490i	38.9395-2.1035i	0.2724-1.5847i	0.2593-0.1355i	0.1345-0.1636i	0.9834-0.9182i	-0.3922-0.1865i	0.0459-0.0277i
48.3	37.0010-2.9017i	39.3917-2.7329i	0.0037-1.1726i	0.2608-0.1330i	0.1547-0.1405i	1.0064-0.9530i	-0.4192-0.2079i	0.0322-0.0793i
48.4	37.0250-2.8100i	39.5865-2.5385i	-1.0538-1.0644i	0.1327-0.0706i	0.1488-0.2210i	0.9261-0.9884i	-0.4971-0.1114i	-0.0717-0.0977i
48.5	37.7628-2.3163i	40.5798-2.1385i	-1.5950-1.1945i	0.1153+0.0633i	-0.0195-0.2810i	0.8892-0.9006i	-0.3507-0.0111i	-0.0455-0.0178i
48.6	38.3448-2.5133i	41.2180-2.3806i	-1.4280-0.7358i	0.1844+0.0826i	-0.0814-0.2176i	0.9106-0.8667i	-0.2656-0.0801i	0.0475-0.0090i
48.7	39.1500-2.4154i	42.0855-2.3122i	-1.1221-0.1794i	0.2126+0.0473i	-0.0367-0.1441i	0.9942-0.8644i	-0.2911-0.1779i	0.0115-0.1119i
48.8	39.9528-2.6218i	42.9456-2.5685i	-0.5429-0.3510i	0.1336+0.0331i	0.0628-0.1430i	1.0467-0.9804i	-0.3965-0.2046i	-0.0887-0.0010i
48.9	39.9164-2.6027i	42.9203-2.4964i	-1.0042-1.3134i	0.0206+0.1124i	0.0513-0.2800i	0.9273-1.0124i	-0.4717-0.0667i	-0.0346+0.0676i
49.0	40.0128-1.9475i	43.1354-1.7607i	-1.5460-1.9315i	0.0252+0.1683i	-0.1158-0.4293i	0.8390-0.9129i	-0.3474+0.0953i	0.0160+0.1301i
49.1	40.8594-2.1577i	44.1086-2.1506i	-2.1310-1.0967i	0.0696+0.2070i	-0.1928-0.3219i	0.9238-0.8541i	-0.2629+0.0553i	0.0755+0.0805i
49.2	41.7470-2.0705i	45.1044-2.1296i	-1.8823-0.5828i	0.0990+0.2701i	-0.2034-0.2776i	1.0273-0.8582i	-0.2411+0.0526i	0.0449+0.0390i
49.3	42.6104-2.1457i	45.9502-2.1694i	-1.6213-0.9355i	0.1334+0.2273i	-0.1867-0.2752i	1.0985-0.9249i	-0.2365+0.0105i	0.0369+0.0632i
49.4	43.8086-2.8081i	47.2808-2.7912i	-2.3687-1.4793i	0.0397+0.1716i	-0.2354-0.2775i	1.0895-1.0564i	-0.2386-0.0326i	0.1272+0.1111i
49.5	44.1288-3.0257i	47.7430-2.9985i	-2.4530-2.3019i	-0.0201+0.2509i	-0.3095-0.3828i	0.9645-1.0560i	-0.1896+0.0919i	0.2387+0.0536i
49.6	44.2865-2.9737i	48.0339-2.9746i	-1.9402-1.6764i	0.0743+0.3015i	-0.2780-0.4118i	0.9558-1.0916i	-0.1706+0.1504i	0.1658+0.0220i
49.7	45.1501-3.0242i	49.0278-3.0764i	-2.5612-0.3811i	0.0134+0.3831i	-0.3130-0.3332i	0.9264-1.1142i	-0.1936+0.1092i	0.0885+0.0289i

49.8	45.8759-3.1589i	49.8231-3.2737i	-3.1695+0.0455i	-0.0131+0.4268i	-0.3971-0.2525i	0.8941-1.0862i	-0.1379+0.0548i	0.1691+0.0607i
49.9	46.7814-3.6352i	50.9144-3.7746i	-4.0773+0.1021i	-0.0569+0.4456i	-0.5637-0.2004i	0.8593-1.0370i	-0.0032+0.0243i	0.3434+0.0232i
50.0	47.2839-3.4288i	51.5824-3.5358i	-3.6403+0.0272i	-0.0370+0.5461i	-0.5626-0.1725i	0.8933-0.8999i	0.0142-0.0067i	0.3168-0.1678i
50.1	48.5203-2.9269i	52.7674-3.0434i	-3.9679-0.8546i	-0.1055+0.4311i	-0.5664-0.1873i	1.0956-0.9634i	0.0204-0.0536i	0.1387-0.1277i
50.2	49.8492-4.3688i	54.1699-4.4860i	-3.3258-1.2449i	-0.1803+0.3644i	-0.4877-0.2846i	1.0055-1.2347i	-0.0599+0.0269i	0.1925+0.0467i
50.3	49.9819-5.3551i	54.4596-5.4770i	-4.4950+0.1674i	-0.2077+0.5192i	-0.4971-0.1469i	0.7926-1.2883i	-0.1201-0.0691i	0.3633-0.0536i
50.4	49.8538-5.1066i	54.5337-5.2246i	-5.5503+1.0949i	-0.2335+0.7184i	-0.5970-0.0977i	0.6457-1.0543i	-0.1083-0.0378i	0.4034-0.3041i
50.5	50.5067-4.6159i	55.3589-4.7726i	-5.4765+0.6301i	-0.2772+0.7994i	-0.6939-0.1763i	0.7283-0.8900i	-0.0374+0.0949i	0.2500-0.3530i
50.6	51.3364-4.5364i	56.2652-4.8082i	-6.4132+1.4705i	-0.2648+0.9146i	-0.7720-0.0521i	0.8546-0.8448i	0.0559+0.0545i	0.2105-0.3312i
50.7	52.7695-4.7820i	57.8199-5.0377i	-5.7107+2.7935i	-0.1316+0.9624i	-0.7058+0.0406i	0.9288-0.8896i	0.0795+0.0087i	0.2107-0.3838i
50.8	53.9343-5.0837i	59.2921-5.3224i	-7.2722+2.7303i	-0.1529+1.0557i	-0.8913+0.1363i	1.0505-0.8666i	0.2444-0.1157i	0.1002-0.4793i
50.9	54.6869-5.4863i	60.2869-5.8165i	-7.2896+2.4047i	-0.1949+1.0154i	-0.9537+0.1710i	1.0913-0.8593i	0.2792-0.1755i	0.0252-0.4158i
51.0	55.0502-5.7051i	60.7534-6.1081i	-7.5454+3.6124i	-0.2526+1.0736i	-0.9600+0.3353i	1.1888-0.8528i	0.2631-0.3258i	-0.0417-0.5035i
51.1	56.1281-5.1132i	61.8824-5.4723i	-7.7132+4.4021i	-0.2055+1.1792i	-0.9052+0.4538i	1.3819-0.9457i	0.2467-0.4421i	-0.2811-0.4275i
51.2	57.6524-6.1215i	63.5656-6.4563i	-7.0247+4.7956i	-0.2346+1.1832i	-0.7960+0.4652i	1.1776-1.2990i	0.0842-0.5198i	-0.0466+0.0438i
51.3	57.6709-6.6673i	63.7304-7.0623i	-6.4523+6.2638i	-0.2458+1.3272i	-0.6821+0.4937i	0.9974-1.1734i	-0.0848-0.4349i	0.1731-0.1205i
51.4	59.5857-7.0310i	65.8445-7.5349i	-7.0829+6.3283i	-0.2123+1.4502i	-0.7590+0.5233i	1.2230-1.0722i	0.0300-0.3688i	0.0688-0.2488i
51.5	60.5393-7.9960i	66.9606-8.4879i	-7.2224+7.7059i	-0.1459+1.5757i	-0.7324+0.6565i	1.2521-1.1570i	0.0289-0.4534i	0.0725-0.3114i
51.6	61.0794-7.4752i	67.6656-7.9547i	-7.5425+7.2937i	-0.1124+1.6518i	-0.8234+0.7030i	1.4211-1.0553i	0.1265-0.5204i	-0.0294-0.4360i
51.7	63.4271-8.6965i	70.2142-9.3168i	-7.7288+7.9404i	-0.1075+1.7216i	-0.8102+0.7916i	1.6419-1.4260i	0.1454-0.6249i	-0.1685-0.2873i
51.8	64.3873-10.0248i	71.3487-10.7250i	-6.6973+9.5312i	-0.0336+1.7801i	-0.7034+0.8943i	1.4576-1.6711i	0.0688-0.7472i	-0.1566-0.2119i
51.9	64.6188-10.4322i	71.7115-11.1777i	-7.7926+10.2009i	-0.0331+1.9980i	-0.7013+1.0423i	1.4094-1.5934i	0.0220-0.8300i	-0.1553-0.2454i
52.0	65.9934-10.5614i	73.2385-11.3866i	-7.3904+10.6597i	0.0222+2.0686i	-0.6553+1.0697i	1.5862-1.7258i	0.0422-0.8415i	-0.3617-0.0957i
52.1	67.0349-13.2949i	74.6030-14.2906i	-5.5755+13.2106i	0.1797+2.1018i	-0.2408+1.2110i	1.0034-2.0974i	-0.4745-1.0361i	0.0076+0.2070i
52.2	67.4025-13.7657i	75.2329-14.7667i	-5.8914+13.1127i	0.1754+2.2421i	-0.2700+1.1586i	0.8515-1.7614i	-0.5416-0.8976i	0.3007-0.0419i
52.3	68.1801-14.5650i	76.0177-15.5406i	-5.1866+11.6801i	0.2184+2.3321i	-0.4386+1.0824i	1.0150-1.7634i	-0.2546-0.8034i	0.2724-0.1370i
52.4	68.4776-15.5771i	76.5253-16.4993i	-4.6255+12.2141i	0.4024+2.5554i	-0.4244+1.1153i	1.0835-1.6963i	-0.1642-0.8037i	0.1583-0.3098i
52.5	69.9731-16.8852i	78.3374-18.0157i	-4.4229+14.0406i	0.5516+2.5322i	-0.3313+1.3040i	1.1930-1.9735i	-0.2675-1.0483i	0.0167-0.0856i
52.6	69.3129-19.0246i	77.7797-20.3086i	-3.5376+17.5302i	0.7441+2.6389i	-0.0337+1.5765i	0.9337-2.1248i	-0.6099-1.2764i	0.2747-0.0719i
52.7	68.7465-18.4628i	77.5390-19.8339i	-0.5593+16.6740i	0.9560+2.6111i	0.0931+1.3751i	0.9981-1.7316i	-0.6936-1.0240i	0.2455-0.4442i
52.8	70.2670-17.7484i	79.2973-19.2346i	0.7727+16.2195i	1.0376+2.5625i	0.1275+1.3231i	1.3457-1.9039i	-0.6858-0.9865i	-0.0737-0.3646i
52.9	71.2227-19.7962i	80.3489-21.3453i	1.8259+16.3573i	1.0894+2.6395i	0.2858+1.4190i	0.9922-2.3333i	-0.8862-1.1247i	0.1874-0.1293i
53.0	71.2644-20.2596i	80.5257-21.7839i	3.5933+15.0712i	1.1299+2.6741i	0.4154+1.2819i	0.8221-2.1594i	-1.0445-0.9371i	0.4980-0.3997i
53.1	71.0116-19.8334i	80.5086-21.3954i	4.5943+15.7139i	1.2779+2.7104i	0.5506+1.3054i	1.0119-2.2030i	-1.1539-0.9642i	0.0116-0.8246i
53.2	73.4531-20.0928i	83.3013-21.8591i	4.7642+17.3286i	1.3578+2.6802i	0.8081+1.5224i	1.1529-2.6748i	-1.4749-1.2481i	-0.4443-0.5585i
53.3	73.6000-22.5237i	83.4867-24.5136i	8.6861+17.0355i	1.4334+2.6429i	1.1185+1.1985i	0.6631-2.9102i	-1.8250-0.8554i	-0.3685-0.2610i
53.4	73.0587-22.4137i	83.0578-24.4628i	11.2859+14.5188i	1.4547+2.5590i	1.2434+0.8457i	0.1837-2.7434i	-2.0329-0.4223i	-0.2055-0.0131i
53.5	74.0869-21.3141i	84.4035-23.1975i	11.8978+11.6564i	1.5160+2.5862i	1.2648+0.5080i	-0.0640-2.3352i	-2.0986+0.0269i	0.2809-0.0322i
53.6	76.1509-20.9824i	86.8415-22.8128i	9.8714+11.2275i	1.6654+2.6814i	1.1284+0.5096i	0.3409-2.1398i	-1.8637+0.0655i	0.2274-0.6433i
53.7	77.8349-22.0520i	88.7578-24.0796i	8.3712+11.4024i	1.7155+2.7154i	1.0027+0.6855i	0.6570-2.4032i	-1.6909-0.1482i	-0.2167-0.7749i
53.8	81.1338-24.7743i	92.4017-27.1209i	9.5893+11.5751i	1.7775+2.7508i	1.2021+0.7471i	0.6129-2.9712i	-1.9535-0.2323i	-0.4165-0.3490i
53.9	83.5578-27.7261i	95.1743-29.9897i	11.2068+9.6152i	1.8241+2.8868i	1.3058+0.4390i	0.3005-3.3262i	-2.0925+0.1061i	-0.3054-0.1145i
54.0	83.2974-31.2217i	95.1151-33.6405i	11.7572+7.9609i	1.9309+3.0352i	1.2471+0.1983i	-0.1728-3.4248i	-2.0565+0.4654i	-0.1427-0.0613i
54.1	80.8253-32.7111i	92.7466-35.1368i	12.0807+6.9611i	2.1596+3.0792i	1.1594-0.0084i	-0.5271-3.0608i	-1.8879+0.8307i	-0.1299-0.2097i
54.2	80.3324-30.0872i	92.7073-32.3978i	11.5907+7.5403i	2.5089+3.1192i	1.0889+0.0032i	-0.3268-2.6966i	-1.6278+0.9179i	-0.3989-0.1934i
54.3	83.0506-32.5791i	95.9207-35.1029i	12.5625+6.7572i	2.7252+3.0925i	1.2250-0.0289i	-0.4420-3.1816i	-1.7183+0.9446i	-0.2763+0.0806i
54.4	80.8484-36.8138i	93.9778-39.6701i	12.2235+3.5542i	2.9217+2.9751i	1.1379-0.2023i	-1.1149-3.3137i	-1.5585+1.0554i	0.0851-0.0324i
54.5	78.4930-37.2700i	91.8861-40.2191i	12.0486+0.8209i	3.0561+2.8136i	0.9199-0.4236i	-1.4564-2.9338i	-1.1873+1.2795i	0.1306-0.1783i
54.6	77.0601-34.9575i	90.9077-37.9340i	9.6109-0.6714i	3.2696+2.6900i	0.7330-0.4441i	-1.6171-2.4173i	-0.9233+1.2637i	0.0148-0.3681i
54.7	78.2211-31.3932i	92.6961-34.2537i	7.3307-0.4402i	3.2735+2.6287i	0.5944-0.3713i	-1.3650-2.0560i	-0.7401+1.1180i	-0.2326-0.4310i
54.8	83.7071-32.8078i	98.9953-36.2168i	7.3915+0.6158i	3.3542+2.4963i	0.7353-0.3089i	-1.1164-2.4402i	-0.8557+1.0108i	-0.3848+0.0401i
54.9	84.3858-37.3083i	100.0132-41.2803i	7.4682-2.6554i	3.4286+2.4646i	0.6008-0.5575i	-1.6515-2.6882i	-0.6891+1.1953i	0.0389+0.3026i
55.0	82.1069-37.2210i	97.8442-41.4143i	5.7424-2.1582i	3.5093+2.3324i	0.5810-0.6743i	-2.1269-2.3119i	-0.6907+1.3009i	0.2527+0.0995i
55.1	81.6523-35.5399i	97.5728-39.8733i	2.1084-1.4059i	3.4877+2.2870i	0.4119-0.4832i	-2.1279-1.9442i	-0.5644+1.0158i	0.2843-0.1093i
55.2	83.0528-35.6102i	99.4437-40.1594i	1.1554-1.3508i	3.5052+2.1931i	0.2704-0.3971i	-2.1267-1.7250i	-0.4097+0.8491i	0.3045-0.2138i
55.3	84.0362-34.2910i	100.9884-38.9366i	0.9520-0.5505i	3.4653+2.1737i	0.2120-0.4634i	-2.1816-1.3533i	-0.3699+0.8607i	0.3105-0.2991i
55.4	85.7794-34.0356i	103.1940-39.1943i	0.9378+1.4762i	3.4286+2.1995i	0.1975-0.3968i	-2.0333-1.0040i	-0.4056+0.8355i	0.2292-0.3996i
55.5	90.7610-33.8831i	108.8912-39.3284i	1.8316+3.9108i	3.5916+2.2085i	0.3453-0.4700i	-1.7165-1.0841i	-0.6132+0.9477i	0.0869-0.3491i
55.6	93.2565-36.6222i	111.9132-42.5730i	0.6542+3.1791i	3.7325+2.2004i	0.3276-0.4621i	-1.8787-1.3095i	-0.6675+0.8455i	0.1602-0.2679i
55.7	92.8367-37.8362i	111.6583-44.1098i	-0.3221+3.0036i	3.8527+2.2546i	0.2432-0.4402i	-2.1966-0.9867i	-0.6147+0.8421i	0.2516-0.4048i
55.8	94.3403-37.2458i	113.6440-43.6156i	-0.4911+3.9425i	3.9348+2.2882i	0.2020-0.4801i	-2.2361-0.6720i	-0.6315+0.9131i	0.2362-0.4856i
55.9	97.0800-37.3960i	117.1028-44.0758i	-1.5666+4.3992i	4.0295+2.3168i	0.1657-0.4223i	-2.1132-0.4153i	-0.6397+0.8757i	0.1914-0.5874i
56.0	102.2792-38.7957i	123.3158-46.0766i	-2.2333+5.5940i	4.1983+2.4146i	0.2018-0.3432i	-1.7126-0.3965i	-0.7183+0.8136i	0.0765-0.6059i

56.1	106.6601-43.9085i	128.4529-52.2294i	-1.6635+5.9409i	4.5474+2.3177i	0.2050-0.4077i	-1.6937-0.6951i	-0.7022+0.9205i	0.0471-0.5130i
56.2	105.9364-47.0559i	127.9589-56.0794i	-2.5886+6.1418i	4.7541+2.1773i	0.1031-0.4087i	-2.0918-0.4484i	-0.6113+0.9665i	0.1488-0.5597i
56.3	106.5100-46.8148i	128.8759-56.0487i	-2.4670+5.2479i	4.7615+2.2138i	0.0135-0.3768i	-1.9842-0.1664i	-0.5160+0.8885i	0.1538-0.6265i
56.4	108.5032-46.7864i	131.3332-56.1983i	-3.9849+8.7659i	4.9590+2.2726i	0.1544-0.4312i	-1.9531+0.0614i	-0.7547+1.0525i	0.1198-0.7368i
56.5	111.3320-47.8977i	134.8793-57.7749i	-5.0135+10.1712i	5.1029+2.2463i	0.1833-0.3908i	-1.8638+0.1801i	-0.8422+1.0781i	0.1200-0.8143i
56.6	113.5835-51.5861i	137.8354-62.5794i	-6.3255+9.1615i	5.3226+2.1230i	0.1195-0.2450i	-1.7572+0.2325i	-0.7367+0.8920i	0.1048-0.8640i
56.7	116.2867-53.9697i	141.2597-65.6802i	-6.0903+9.3134i	5.5273+2.0094i	0.0949-0.2199i	-1.6433+0.3320i	-0.6899+0.8306i	0.0498-0.9233i
56.8	118.4560-55.6410i	144.0938-67.9348i	-5.8528+10.9520i	5.6783+1.9007i	0.1207-0.2495i	-1.5666+0.4473i	-0.7365+0.9106i	0.0168-1.0079i
56.9	122.9754-59.3774i	149.8256-72.8949i	-7.0934+13.4634i	5.9312+1.8026i	0.1487-0.2457i	-1.4156+0.4865i	-0.8656+0.9304i	-0.0639-1.1001i
57.0	127.2624-61.0398i	155.0935-75.0724i	-6.5215+13.2091i	6.2337+1.8175i	0.0790-0.2419i	-1.2728+0.5288i	-0.7887+0.9302i	-0.1428-1.1729i
57.1	130.1744-64.7231i	158.5364-79.8966i	-5.5081+14.9109i	6.4015+1.6218i	0.1065-0.2689i	-1.0724+0.5459i	-0.8180+1.0230i	-0.3334-1.2397i
57.2	134.9872-72.2272i	164.2318-89.2367i	-2.5398+17.2413i	6.6407+1.2772i	0.1557-0.4375i	-1.0221+0.2477i	-0.8248+1.2530i	-0.6224-1.0750i
57.3	134.7633-80.3336i	164.0455-99.0930i	-1.7257+16.5998i	6.8403+1.0228i	0.0481-0.5521i	-1.4256+0.1145i	-0.7646+1.3620i	-0.5950-0.8624i
57.4	134.5927-83.6810i	164.3254-103.5154i	-4.9995+19.8240i	7.1126+0.8433i	0.0666-0.5456i	-1.6040+0.5199i	-0.8918+1.4700i	-0.5390-0.9404i
57.5	137.0127-88.3027i	167.6736-109.5628i	-7.5048+20.6935i	7.3055+0.6163i	0.0558-0.4497i	-1.5180+0.7213i	-0.9607+1.3729i	-0.5803-1.0111i
57.6	140.8358-93.3513i	172.6060-116.1850i	-7.4839+22.4983i	7.6712+0.4028i	0.0045-0.4465i	-1.4096+0.8902i	-1.0014+1.4124i	-0.6233-0.9871i
57.7	142.4901-98.7464i	174.6072-123.0928i	-4.7877+25.4971i	7.8434+0.0687i	-0.0456-0.5396i	-1.2849+1.0466i	-0.8892+1.6264i	-0.6946-0.9317i
57.8	144.0054-105.6906i	176.4544-132.0364i	-4.1183+27.8225i	7.9680-0.3756i	-0.0919-0.5466i	-1.1859+1.1580i	-0.9353+1.6909i	-0.6929-0.9072i
57.9	143.4790-114.1946i	175.8891-143.0199i	-5.9151+30.1694i	8.1547-0.7750i	-0.0603-0.4945i	-1.1444+1.2160i	-1.0942+1.7378i	-0.6991-0.9172i
58.0	143.9367-124.5085i	176.4977-156.1629i	-6.2293+29.7022i	8.3713-1.2646i	-0.1182-0.3749i	-1.0217+1.2779i	-1.1161+1.7136i	-0.7291-0.9427i
58.1	144.4823-132.0885i	177.0439-165.9587i	-2.5484+31.4916i	8.4427-1.6892i	-0.2398-0.4236i	-0.9178+1.4047i	-0.9704+1.9456i	-0.7335-0.9584i
58.2	143.8953-138.9679i	176.2445-174.9121i	-1.8846+34.4694i	8.4402-2.0563i	-0.2675-0.4242i	-0.8131+1.4873i	-0.9959+2.0762i	-0.7295-0.9801i
58.3	141.5951-149.9543i	173.2679-189.1797i	-3.3994+36.8110i	8.5016-2.5299i	-0.2343-0.3238i	-0.6278+1.5338i	-1.1193+2.1019i	-0.7649-1.1141i
58.4	137.5177-164.1620i	168.0763-207.3358i	1.5152+42.5791i	8.6662-3.4247i	-0.3022-0.3712i	-0.5022+1.5211i	-1.0200+2.5292i	-1.0814-1.1267i
58.5	133.5711-175.4084i	162.9745-221.6315i	1.5009+43.3465i	8.6691-4.0607i	-0.3380-0.2699i	-0.5977+1.4103i	-1.0606+2.6032i	-1.1395-0.9400i
58.6	126.4785-183.1187i	153.9398-231.5165i	1.7419+49.1628i	8.5678-4.5379i	-0.2997-0.2721i	-0.8073+1.7091i	-1.1243+2.9830i	-1.0164-0.9794i
58.7	119.1721-196.6295i	144.8278-249.0861i	4.6035+50.7743i	8.3595-5.3657i	-0.3631-0.1204i	-0.5351+2.0288i	-0.9098+3.1188i	-1.1144-1.1619i
58.8	110.9735-204.5284i	134.2464-259.2528i	9.2795+52.7314i	8.0442-6.0182i	-0.3834-0.0774i	-0.2752+2.2053i	-0.6584+3.3823i	-1.3037-1.2365i
58.9	101.0910-212.3116i	121.4265-269.3754i	12.7220+55.0584i	7.7596-6.6012i	-0.3339-0.0045i	-0.0969+2.2896i	-0.5256+3.5878i	-1.4915-1.2496i
59.0	88.9058-218.3927i	105.7930-277.4840i	14.6298+57.8403i	7.2958-7.2328i	-0.2456+0.0396i	0.0908+2.4004i	-0.4067+3.7342i	-1.6165-1.2213i
59.1	74.2485-219.2199i	86.8848-278.7907i	23.9967+60.2498i	6.5863-7.7769i	-0.2120-0.0209i	0.4051+2.5244i	0.1555+3.9992i	-1.8192-1.0929i
59.2	56.5564-226.5082i	64.3391-288.2356i	31.5193+58.1214i	5.6001-8.4755i	-0.2224+0.0792i	0.7855+2.4698i	0.5758+4.0267i	-2.0634-0.9092i
59.3	45.0347-224.5636i	49.4372-286.0256i	37.7709+58.7326i	4.8464-8.4996i	-0.1811+0.0576i	1.0817+2.4552i	0.9119+4.1343i	-2.2160-0.7827i
59.4	30.0760-223.4292i	29.9267-284.7483i	47.0641+61.1939i	3.9821-8.9146i	-0.1637-0.0375i	1.4063+2.4843i	1.4167+4.3926i	-2.3433-0.6166i
59.5	19.4300-221.2786i	16.1843-281.9245i	50.7479+61.4904i	3.4056-8.9760i	-0.1028-0.0591i	1.5711+2.4360i	1.6558+4.4719i	-2.4248-0.4755i
59.6	7.8560-214.2129i	1.0266-272.9569i	59.1243+58.8212i	2.5946-8.9897i	-0.1093-0.1196i	1.8540+2.3015i	2.1408+4.4455i	-2.5216-0.2373i
59.7	-4.6604-211.4127i	-15.2415-269.5580i	67.7408+51.8698i	1.6879-9.0522i	-0.1746-0.1108i	2.2609+2.0581i	2.6889+4.1591i	-2.6183+0.0342i
59.8	-14.8121-201.0583i	-28.4492-256.5352i	72.1340+53.1465i	0.9430-8.8391i	-0.1303-0.2138i	2.3743+1.9434i	2.9593+4.2301i	-2.5606+0.1675i
59.9	-26.5725-190.8128i	-43.1030-243.5254i	76.0521+46.8871i	0.8717-8.7754i	-0.1228-0.2133i	2.5008+1.6720i	3.2379+3.9758i	-2.4842+0.4101i
60.0	-26.5389-183.8626i	-42.8500-236.3083i	85.9248+38.4363i	1.1810-10.6589i	-0.2738-0.2249i	2.7503+1.5049i	3.7557+3.6810i	-2.4962+0.5902i
60.1	-30.6051-175.4961i	-48.5351-226.4165i	86.0969+33.4513i	0.4177-11.3374i	-0.2578-0.2178i	2.7615+1.3152i	3.8322+3.4404i	-2.3673+0.7363i
60.2	-36.4718-167.4964i	-57.0378-213.1825i	85.5155+27.7979i	-1.3266-7.1541i	-0.2715-0.2053i	2.8312+1.0268i	3.9253+3.0745i	-2.2548+0.9379i
60.3	-37.1267-158.5312i	-57.9908-201.6984i	87.2773+22.9835i	-1.6489-6.7042i	-0.3082-0.1975i	2.8687+0.8563i	4.0900+2.8376i	-2.1946+1.0334i
60.4	-39.4455-149.8601i	-61.1580-190.4604i	87.1687+15.7014i	-2.0751-6.2778i	-0.3226-0.1430i	2.8475+0.6005i	4.1347+2.5217i	-2.0794+1.1586i
60.5	-38.7379-144.5360i	-60.3882-183.4180i	87.4054+5.4989i	-2.2788-5.8482i	-0.3799-0.0626i	2.8948+0.2956i	4.2632+2.0769i	-1.9611+1.3338i
60.6	-39.7470-140.3207i	-61.7760-177.8491i	86.5516+0.7100i	-2.4024-5.5514i	-0.3739-0.0232i	2.8394+0.1252i	4.3209+1.8531i	-1.8106+1.4505i
60.7	-39.0299-129.3043i	-61.0367-163.6766i	83.2607-1.9369i	-2.6150-4.9216i	-0.3145+0.0035i	2.6583-0.0193i	4.2321+1.7030i	-1.6399+1.4681i
60.8	-35.0292-124.9852i	-56.2761-158.2449i	86.7192-2.8072i	-2.6577-4.5253i	-0.3383-0.0402i	2.6703-0.0453i	4.4207+1.6486i	-1.5527+1.4795i
60.9	-38.2449-119.9913i	-60.2728-151.8683i	83.3033-8.3219i	-2.9168-4.2887i	-0.3001+0.0090i	2.5409-0.2141i	4.4159+1.4587i	-1.2902+1.5276i
61.0	-35.3116-112.6169i	-56.6162-142.3995i	79.4295-8.1761i	-2.9049-3.8020i	-0.2397-0.0046i	2.4529-0.1869i	4.4034+1.4091i	-1.1974+1.4313i
61.1	-33.4263-107.8989i	-54.2193-136.2414i	77.8230-11.2553i	-2.9644-3.3669i	-0.2420+0.0029i	2.4209-0.3091i	4.4515+1.2387i	-1.1005+1.3912i
61.2	-30.0914-106.6119i	-50.1463-134.5021i	78.2466-13.7891i	-2.9459-3.1502i	-0.2840+0.0210i	2.4585-0.3606i	4.5233+1.0969i	-1.0851+1.3486i
61.3	-26.6031-104.0091i	-45.8657-131.1394i	78.2340-15.0720i	-2.8946-2.8567i	-0.2572+0.0016i	2.4362-0.3297i	4.6716+0.9851i	-1.0762+1.3178i
61.4	-25.6116-104.2978i	-44.7604-131.0944i	78.2768-24.1048i	-3.0017-2.5986i	-0.3061+0.0668i	2.5154-0.5322i	4.7703+0.5833i	-1.0182+1.3629i
61.5	-19.4014-103.0769i	-37.1034-129.2191i	83.0668-26.5922i	-2.9558-2.3480i	-0.3588+0.0386i	2.6686-0.6018i	5.0836+0.3636i	-1.0647+1.3954i
61.6	-17.2512-99.7612i	-34.3625-124.9609i	78.5875-28.4425i	-2.9926-1.9598i	-0.3316+0.0797i	2.5669-0.6731i	5.0161+0.2111i	-1.0269+1.3208i
61.7	-12.2402-96.5169i	-28.1142-120.7463i	79.3058-27.5075i	-2.9580-1.5652i	-0.3304+0.0568i	2.5468-0.6869i	5.0967+0.1533i	-1.0284+1.2902i
61.8	-5.5324-94.4518i	-19.9062-118.0217i	83.8581-26.8350i	-2.8495-1.1824i	-0.3197+0.0165i	2.6401-0.6714i	5.4901+0.1077i	-1.0813+1.3281i
61.9	-1.9666-97.3382i	-15.4682-121.3625i	88.0380-34.0317i	-2.7637-1.0014i	-0.3705+0.0327i	2.7428-0.8001i	5.7080-0.2969i	-1.0874+1.4030i
62.0	-1.5988-96.2249i	-15.0214-119.8534i	84.9176-35.6709i	-2.8759-0.8717i	-0.3336+0.0657i	2.6526-0.8539i	5.6760-0.3926i	-1.0293+1.3703i
62.1	1.5361-99.6911i	-10.9969-123.9119i	83.1246-41.0003i	-2.7405-0.5026i	-0.3385+0.0883i	2.6733-1.0075i	5.6615-0.7983i	-1.0313+1.4485i
62.2	3.0329-105.2028i	-8.9961-130.6068i	82.9150-47.5060i	-2.5220-0.3265i	-0.3598+0.1308i	2.7292-1.1867i	5.6615-1.2544i	-1.0456+1.5433i
62.3	9.0288-107.7659i	-1.4737-133.5690i	85.9941-49.0641i	-2.4259+0.0015i	-0.3561+0.1263i	2.8040-1.1754i	5.9768-1.4826i	-1.1294+1.5594i

62.4	11.5416-109.2737i	1.5957-135.1795i	86.3104-53.4737i	-2.3796+0.3506i	-0.3408+0.1388i	2.8413-1.2967i	6.0932-1.8491i	-1.1302+1.6543i
62.5	11.9710-113.2493i	2.4000-139.9048i	84.0896-59.7059i	-2.2347+0.6078i	-0.3408+0.1554i	2.8331-1.4890i	6.0905-2.3060i	-1.0486+1.7614i
62.6	12.3830-119.5985i	2.9753-147.6940i	85.1483-65.4770i	-1.9618+0.7573i	-0.3493+0.1732i	2.8070-1.6505i	6.0688-2.7512i	-0.9746+1.8387i
62.7	10.3170-124.7392i	0.6304-153.8392i	83.7292-74.2667i	-1.8084+1.0798i	-0.3584+0.2059i	2.8254-1.8958i	5.9745-3.3238i	-0.9484+2.0331i
62.8	11.2006-129.9298i	1.9037-160.1350i	81.1568-80.3483i	-1.5849+1.2890i	-0.3486+0.2416i	2.8017-1.9996i	5.8825-3.8126i	-0.9501+2.0779i
62.9	9.1804-136.2533i	-0.4867-167.8510i	78.8485-87.0375i	-1.3199+1.4936i	-0.3338+0.2671i	2.7598-2.2422i	5.7643-4.3391i	-0.8499+2.2118i
63.0	4.7485-138.9483i	-5.8613-171.2061i	73.2025-92.5571i	-1.1546+1.6977i	-0.2979+0.2944i	2.6483-2.3922i	5.4523-4.7100i	-0.7204+2.2946i
63.1	1.1027-140.2545i	-10.3263-172.8623i	67.1403-95.2765i	-0.9907+1.8216i	-0.2584+0.2944i	2.5514-2.4732i	5.1725-4.9477i	-0.6058+2.3013i
63.2	-4.1217-141.3163i	-16.6648-174.2815i	62.2973-99.1393i	-0.8037+1.7995i	-0.2416+0.2964i	2.3982-2.5746i	4.8108-5.2078i	-0.4559+2.3301i
63.3	-12.6344-143.9555i	-26.8806-177.6336i	53.4434-107.4969i	-0.6074+1.8180i	-0.2147+0.3438i	2.1791-2.8080i	4.2254-5.7005i	-0.2384+2.4116i
63.4	-18.1639-145.6930i	-33.5534-179.6571i	46.4378-111.7176i	-0.2617+1.9321i	-0.1806+0.3434i	2.0139-2.9188i	3.7261-5.9742i	-0.0875+2.4579i
63.5	-21.5956-145.2463i	-37.6643-179.2805i	38.6931-110.3899i	-0.0137+1.9721i	-0.1295+0.3225i	1.8350-2.8896i	3.3013-6.0446i	0.0065+2.3926i
63.6	-27.1136-145.3057i	-44.3396-179.3982i	32.0954-112.1621i	0.1761+2.0145i	-0.0940+0.3196i	1.6878-2.9423i	2.8542-6.2467i	0.1170+2.4116i
63.7	-32.9442-143.5327i	-51.6843-177.3245i	25.8306-115.3931i	0.4078+2.0499i	-0.0839+0.2963i	1.5232-3.0249i	2.3836-6.4133i	0.2747+2.4118i
63.8	-37.8046-141.9816i	-57.6362-175.5330i	19.3607-116.0266i	0.6187+2.0891i	-0.0699+0.2873i	1.3837-3.0698i	1.9793-6.4968i	0.3526+2.4242i
63.9	-41.3249-140.5130i	-61.9525-173.9800i	14.0625-113.6736i	0.8134+2.0838i	-0.0431+0.2488i	1.3186-3.0385i	1.5976-6.4913i	0.4214+2.4205i
64.0	-43.6381-137.3942i	-64.7157-170.1890i	7.6248-110.2203i	0.9371+2.1161i	0.0040+0.2119i	1.1935-2.9719i	1.2734-6.4009i	0.5405+2.2967i
64.1	-47.4489-132.8250i	-69.3529-164.5598i	0.7393-108.1103i	1.0575+2.0460i	0.0224+0.1823i	1.0158-2.9431i	0.9593-6.2664i	0.6468+2.2005i
64.2	-52.8572-129.6371i	-76.1687-160.6226i	-3.3991-107.8865i	1.2525+1.9432i	0.0109+0.1581i	0.9124-2.9899i	0.6099-6.1682i	0.7494+2.1831i
64.3	-55.7441-126.2881i	-79.8009-156.5765i	-9.5599-106.8927i	1.4288+1.8826i	0.0236+0.1531i	0.7932-2.9635i	0.2625-6.0842i	0.8352+2.1626i
64.4	-57.7511-121.7816i	-82.3818-151.2627i	-14.9426-104.3701i	1.5401+1.8240i	0.0179+0.1181i	0.6706-2.9224i	-0.0827-5.8922i	0.9123+2.1325i
64.5	-58.7925-119.5656i	-83.5928-148.5662i	-18.0996-100.5578i	1.7268+1.9552i	0.0258+0.0832i	0.5971-2.9078i	-0.3277-5.7513i	0.9240+2.0720i
64.6	-59.2240-115.7758i	-84.0687-143.8638i	-23.2333-98.1670i	1.8001+1.9476i	0.0151+0.0727i	0.4894-2.8620i	-0.5571-5.6335i	1.0085+2.0018i
64.7	-61.5558-111.8006i	-87.1358-138.9372i	-25.8684-96.1013i	1.9964+1.8281i	-0.0016+0.0496i	0.3589-2.8267i	-0.8180-5.4903i	1.1067+1.9288i
64.8	-61.4981-109.7239i	-87.1115-136.4637i	-27.5535-94.1582i	2.1611+1.9185i	-0.0073+0.0153i	0.3479-2.8049i	-0.9212-5.4282i	1.1123+1.9270i
64.9	-61.9384-105.9084i	-87.6922-131.8320i	-30.9484-92.1612i	2.2648+1.8340i	-0.0127-0.0016i	0.2736-2.7208i	-1.0494-5.2374i	1.1763+1.8495i
65.0	-63.6241-103.2884i	-89.8542-128.6714i	-34.6311-88.5238i	2.4375+1.7822i	-0.0395-0.0189i	0.1307-2.7205i	-1.2402-5.1359i	1.2757+1.8472i
65.1	-63.6113-100.1386i	-89.9932-124.8200i	-36.9335-84.8929i	2.5521+1.6773i	-0.0623-0.0268i	0.0637-2.6649i	-1.3803-4.9602i	1.3344+1.7977i
65.2	-63.9696-96.4053i	-90.4513-120.1705i	-39.3806-80.5204i	2.7217+1.5823i	-0.0823-0.0471i	-0.0595-2.5765i	-1.5241-4.7875i	1.4250+1.6922i
65.3	-64.0331-93.5702i	-90.5137-116.6777i	-40.9565-78.7311i	2.8893+1.5260i	-0.1098-0.0511i	-0.1328-2.5259i	-1.6829-4.6766i	1.5512+1.6610i
65.4	-62.8298-91.2701i	-89.1443-114.0313i	-42.2986-76.7155i	2.9813+1.4866i	-0.1216-0.0672i	-0.1713-2.4707i	-1.7361-4.6040i	1.6123+1.5775i
65.5	-63.2655-88.2333i	-89.9371-110.2216i	-43.2242-74.6167i	3.1048+1.4018i	-0.1484-0.0786i	-0.2137-2.4284i	-1.8390-4.5119i	1.7171+1.4717i
65.6	-63.1352-84.4784i	-89.8946-105.6657i	-44.7588-73.6987i	3.1291+1.3175i	-0.1729-0.0665i	-0.3002-2.3880i	-1.9381-4.3916i	1.8356+1.3954i
65.7	-61.5745-81.0922i	-87.9785-101.4178i	-46.8605-70.5497i	3.2469+1.2909i	-0.1806-0.0573i	-0.3855-2.2731i	-2.0682-4.2763i	1.8515+1.2561i
65.8	-61.6445-79.5249i	-87.9892-99.5151i	-48.5254-66.2117i	3.4895+1.2321i	-0.2011-0.0647i	-0.4389-2.1761i	-2.1800-4.1915i	1.8764+1.1594i
65.9	-61.3440-76.9615i	-87.7364-96.5657i	-50.3976-66.3902i	3.5478+1.1131i	-0.2225-0.0656i	-0.5087-2.1424i	-2.2686-4.1479i	1.9854+1.0668i
66.0	-60.0203-73.3852i	-86.3390-92.1397i	-51.6254-63.9239i	3.7106+1.0070i	-0.2541-0.0699i	-0.5693-2.0283i	-2.3834-4.0318i	2.0680+0.9322i
66.1	-57.9107-71.5556i	-83.6131-89.7283i	-52.4721-63.3554i	3.7095+0.9571i	-0.2719-0.0446i	-0.5525-1.9519i	-2.4025-3.9739i	2.0229+0.8022i
66.2	-55.5222-69.1941i	-80.6590-87.0096i	-53.8223-60.0919i	3.7968+0.8843i	-0.2863-0.0381i	-0.5591-1.8293i	-2.5119-3.8487i	2.0346+0.6100i
66.3	-53.9959-68.7497i	-78.9898-86.5502i	-54.5649-56.6404i	3.9034+0.8476i	-0.3013-0.0376i	-0.5403-1.7409i	-2.5814-3.8075i	1.9769+0.4910i
66.4	-51.5477-66.8930i	-75.9677-84.3725i	-55.9703-54.0784i	3.9220+0.7112i	-0.3057-0.0240i	-0.5085-1.5919i	-2.6611-3.7271i	1.8651+0.3194i
66.5	-50.5593-64.2035i	-74.7771-81.0645i	-55.7824-51.8122i	4.0030+0.6472i	-0.3267-0.0296i	-0.4891-1.5207i	-2.7900-3.6205i	1.8393+0.2047i
66.6	-50.7431-62.2892i	-75.2368-78.6600i	-57.0133-51.3467i	4.1671+0.5943i	-0.3361-0.0145i	-0.4921-1.5434i	-2.8994-3.5843i	1.8590+0.1656i
66.7	-47.4842-61.3886i	-71.3031-77.7299i	-59.1983-49.3694i	4.2885+0.5293i	-0.3431-0.0020i	-0.4832-1.4118i	-2.9846-3.4996i	1.7476+0.0390i
66.8	-45.6416-58.7911i	-69.0304-74.5848i	-60.5152-49.4783i	4.3396+0.4263i	-0.3401+0.0082i	-0.5347-1.3422i	-3.0613-3.4106i	1.7275-0.0569i
66.9	-44.0440-57.8359i	-67.0887-73.4979i	-61.6531-47.6753i	4.4721+0.4049i	-0.3283+0.0075i	-0.5432-1.3113i	-3.1541-3.3523i	1.6558-0.0801i
67.0	-41.1443-58.2579i	-63.7908-74.1247i	-64.7268-43.0956i	4.6730+0.3953i	-0.3427+0.0063i	-0.4576-1.2393i	-3.3187-3.2490i	1.4954-0.0916i
67.1	-39.3020-57.2433i	-61.4625-72.9500i	-65.8935-42.6248i	4.9291+0.1821i	-0.3853+0.0155i	-0.4413-1.1841i	-3.4952-3.1840i	1.4655-0.2053i
67.2	-37.4529-55.9817i	-59.1575-71.4455i	-66.9603-39.8792i	5.0276+0.1381i	-0.4034+0.0008i	-0.4305-1.0745i	-3.5886-3.0930i	1.3911-0.2798i
67.3	-36.9403-55.1382i	-58.7794-70.3512i	-68.0302-38.1244i	5.1345+0.0350i	-0.4064+0.0026i	-0.4566-1.0471i	-3.6761-3.0090i	1.3484-0.2520i
67.4	-35.2803-55.2332i	-56.9620-70.5341i	-67.3573-35.1142i	5.2431-0.1272i	-0.4302+0.0021i	-0.3616-0.9788i	-3.7595-2.8602i	1.2643-0.2509i
67.5	-33.4603-54.3970i	-54.7439-69.6301i	-67.9587-33.9384i	5.4446-0.2738i	-0.4484+0.0052i	-0.3101-0.9033i	-3.8641-2.7905i	1.1755-0.2710i
67.6	-31.1811-54.3651i	-51.9832-69.6954i	-69.5005-31.8701i	5.6043-0.5441i	-0.4698+0.0225i	-0.2805-0.8309i	-4.0099-2.6761i	1.1542-0.3083i
67.7	-27.4782-55.1164i	-47.5662-70.8835i	-71.7844-27.6173i	5.5604-0.8676i	-0.4899+0.0385i	-0.1722-0.7237i	-4.1174-2.4702i	1.0535-0.3147i
67.8	-24.3767-54.1903i	-44.0118-69.9056i	-72.9799-25.1096i	5.8379-1.1654i	-0.5181+0.0552i	-0.1065-0.6300i	-4.2963-2.3245i	1.0194-0.3403i
67.9	-23.1698-55.7792i	-42.8479-71.9726i	-72.6719-21.5619i	5.9435-1.4383i	-0.5444+0.0850i	0.0206-0.6467i	-4.3814-2.1629i	1.0001-0.3050i
68.0	-20.1183-56.0590i	-39.1153-72.5270i	-75.4829-19.5142i	6.2237-1.6923i	-0.5830+0.0764i	0.0577-0.5053i	-4.5319-2.0607i	0.9804-0.2857i
68.1	-18.2350-55.8981i	-36.8666-72.4488i	-77.6499-17.8387i	6.4934-1.9306i	-0.6232+0.0944i	0.0584-0.4304i	-4.7235-1.9794i	1.0035-0.3142i
68.2	-15.6817-60.1349i	-34.1364-77.8644i	-77.6297-11.4085i	6.3369-2.3979i	-0.6386+0.1480i	0.3090-0.4603i	-4.8125-1.6467i	0.9577-0.3110i
68.3	-11.5211-63.0224i	-29.4282-81.7682i	-78.9858-5.2384i	6.2509-2.8333i	-0.6589+0.1829i	0.5660-0.3595i	-4.9667-1.3609i	0.8345-0.2918i
68.4	-10.2272-63.6291i	-28.1639-82.5583i	-78.3698-2.0769i	6.3190-3.1674i	-0.6846+0.2044i	0.6451-0.3221i	-5.0258-1.1877i	0.8702-0.3154i
68.5	-9.4322-67.0396i	-27.6224-86.8083i	-78.2565+2.5554i	6.1798-3.5922i	-0.7040+0.2597i	0.8002-0.3511i	-5.0833-0.8738i	0.8534-0.3198i
68.6	-8.1419-69.3688i	-26.5115-89.5193i	-77.2306+6.5232i	6.2427-4.0428i	-0.7253+0.3214i	0.9576-0.4043i	-5.1815-0.5879i	0.8440-0.4141i

68.7	-7.0466-73.1146i	-25.7263-94.4788i	-75.8688+12.7512i	6.0777-4.5277i	-0.7160+0.3741i	1.1966-0.4235i	-5.1993-0.2586i	0.7768-0.4683i
68.8	-7.9016-75.2308i	-27.2660-96.9783i	-72.4197+15.0518i	5.9051-4.9526i	-0.7037+0.4106i	1.3085-0.5289i	-5.1407+0.0172i	0.7521-0.4844i
68.9	-9.2013-80.0140i	-29.6403-102.6617i	-67.2754+20.0547i	5.3723-5.3032i	-0.6823+0.4609i	1.5362-0.7515i	-5.0140+0.3991i	0.6819-0.4545i
69.0	-9.4787-85.4904i	-30.6497-109.2646i	-65.0944+25.2664i	4.9444-5.7268i	-0.6829+0.5390i	1.7474-0.9310i	-4.9796+0.7600i	0.6352-0.4558i
69.1	-10.2636-88.4581i	-32.1732-112.7709i	-63.3383+28.8725i	4.6057-6.0087i	-0.6835+0.5837i	1.8889-1.0970i	-4.9275+1.0319i	0.5748-0.4777i
69.2	-13.8880-90.1304i	-37.1839-114.2939i	-57.7169+31.0073i	4.2422-6.1412i	-0.6527+0.6093i	1.9157-1.3611i	-4.7098+1.2661i	0.5153-0.4804i
69.3	-14.4263-91.9080i	-38.2240-116.1339i	-55.3489+32.0605i	4.1863-6.5188i	-0.6439+0.6452i	1.9704-1.4794i	-4.6653+1.4865i	0.4187-0.4669i
69.4	-17.1059-94.9563i	-42.0185-119.5201i	-52.4910+34.9653i	3.7193-6.9165i	-0.5936+0.7110i	2.0100-1.7188i	-4.4617+1.8056i	0.3186-0.3878i
69.5	-21.2389-94.8749i	-47.2990-119.0021i	-46.9457+34.3077i	3.1345-6.7233i	-0.5468+0.7243i	1.9449-1.9329i	-4.1103+1.9271i	0.2608-0.3468i
69.6	-27.4313-96.9954i	-55.3439-120.3916i	-39.2337+35.8437i	2.4689-6.5032i	-0.5062+0.7336i	1.9264-2.3890i	-3.7409+2.0586i	0.2212-0.2341i
69.7	-30.2430-96.4043i	-58.9369-119.0704i	-35.1316+34.4825i	2.0686-6.4227i	-0.4693+0.7524i	1.7660-2.5545i	-3.4675+2.1193i	0.2726-0.1819i
69.8	-33.1581-95.6988i	-62.5985-117.8094i	-31.8580+33.4624i	1.8772-6.4310i	-0.4408+0.7645i	1.6044-2.7005i	-3.2818+2.1775i	0.3029-0.1453i
69.9	-36.4124-96.5196i	-66.7552-118.2229i	-29.7428+33.7868i	1.3764-6.5554i	-0.4072+0.8014i	1.4710-2.8894i	-3.0827+2.3515i	0.2859-0.1336i
70.0	-40.1667-97.0974i	-71.5628-118.1816i	-26.1107+34.5154i	0.9042-6.3546i	-0.3436+0.8214i	1.3544-3.1220i	-2.7759+2.4365i	0.2823-0.0772i
70.1	-43.2345-94.7430i	-75.1454-114.6593i	-22.2268+32.2702i	0.8281-5.9882i	-0.3057+0.7934i	1.1492-3.2059i	-2.5669+2.2975i	0.2819-0.0465i
70.2	-44.6826-92.6145i	-76.6284-111.7610i	-20.2581+30.0425i	0.5040-5.8230i	-0.2784+0.7776i	1.0086-3.2052i	-2.3789+2.2428i	0.3096-0.0226i
70.3	-47.3589-92.2133i	-79.7553-110.6518i	-18.3712+28.2466i	0.1978-6.0442i	-0.2264+0.8147i	0.8131-3.3769i	-2.2037+2.3629i	0.3611+0.0427i
70.4	-50.2442-90.2897i	-83.0872-107.9134i	-15.9541+27.1452i	-0.2543-5.9942i	-0.1826+0.8132i	0.6005-3.3931i	-1.9574+2.3670i	0.2929+0.0882i
70.5	-51.6014-87.3405i	-84.6514-104.0688i	-14.9881+25.7422i	-0.4250-5.5609i	-0.1538+0.7732i	0.4337-3.3549i	-1.7718+2.1975i	0.2899+0.0973i
70.6	-53.9547-85.0493i	-87.3143-100.7572i	-12.9742+24.3166i	-0.6010-5.1751i	-0.1322+0.7529i	0.2361-3.3820i	-1.6141+2.0806i	0.3450+0.0975i
70.7	-56.0336-83.4787i	-89.3588-98.6506i	-11.6906+22.7427i	-0.7582-5.2238i	-0.1156+0.7463i	0.0443-3.4038i	-1.5215+2.0978i	0.3556+0.0857i
70.8	-56.5584-79.4475i	-89.3584-93.6632i	-10.3372+20.3812i	-0.6195-5.1060i	-0.1000+0.7327i	-0.1040-3.3021i	-1.4840+2.0055i	0.3660+0.1189i
70.9	-57.5408-77.3253i	-90.4963-90.8799i	-8.4098+18.7717i	-0.6636-4.7761i	-0.0638+0.7125i	-0.2607-3.2797i	-1.3637+1.8997i	0.3856+0.1273i
71.0	-57.3225-76.9323i	-90.1152-90.2004i	-10.2822+16.9188i	-1.0328-4.9962i	-0.0383+0.7312i	-0.3552-3.2822i	-1.2932+1.9766i	0.4483+0.1616i
71.1	-57.7702-73.8958i	-90.5022-86.5319i	-10.1840+16.1339i	-1.3361-4.5345i	-0.0223+0.6824i	-0.5016-3.1743i	-1.1190+1.8364i	0.4994+0.1874i
71.2	-58.8326-70.9028i	-91.5671-82.8098i	-8.6815+14.7215i	-1.5446-4.0837i	-0.0057+0.6382i	-0.6371-3.1067i	-0.9955+1.6927i	0.5141+0.2093i
71.3	-59.3079-70.2088i	-92.0152-81.9058i	-8.7262+12.9086i	-1.8893-4.0909i	0.0343+0.6238i	-0.7204-3.1012i	-0.8565+1.7212i	0.5162+0.2252i
71.4	-59.4172-67.9684i	-91.7497-79.1081i	-8.1465+11.1089i	-1.5772-4.0470i	0.0308+0.6066i	-0.8836-3.0303i	-0.9148+1.6398i	0.5784+0.2165i
71.5	-58.9377-65.4780i	-91.0032-76.0216i	-7.8317+10.8348i	-1.2482-4.0650i	0.0104+0.6093i	-0.9226-2.8509i	-0.9932+1.5711i	0.6157+0.1906i
71.6	-58.5750-63.5283i	-90.3615-73.7337i	-7.8192+10.0391i	-1.1771-3.9085i	-0.0034+0.5897i	-0.9938-2.6913i	-0.9947+1.4990i	0.6495+0.1564i
71.7	-58.2695-61.7835i	-89.9106-71.7100i	-8.2743+9.3441i	-1.5734-3.4379i	0.0030+0.5528i	-1.0933-2.6138i	-0.8494+1.3734i	0.7014+0.1724i
71.8	-57.7018-59.2629i	-89.1926-68.6835i	-7.5110+8.0761i	-1.6784-3.5352i	0.0029+0.5532i	-1.1054-2.5258i	-0.8394+1.3857i	0.7160+0.1420i
71.9	-56.9829-57.8687i	-88.3020-66.8661i	-7.5684+7.2001i	-1.6998-3.4808i	-0.0024+0.5336i	-1.1290-2.4801i	-0.8098+1.3553i	0.7298+0.1123i
72.0	-56.2394-57.1412i	-87.4099-65.8009i	-9.2236+6.7802i	-1.8440-3.0010i	0.0149+0.4966i	-1.2061-2.4403i	-0.7229+1.1917i	0.7990+0.0663i
72.1	-55.7044-55.6367i	-86.9004-63.8853i	-9.7939+6.2534i	-2.0973-2.7607i	0.0169+0.4924i	-1.2348-2.3951i	-0.6361+1.1299i	0.8259+0.1078i
72.2	-54.4512-52.9367i	-85.2764-60.9041i	-8.3555+5.0931i	-1.4955-3.0762i	-0.0782+0.4975i	-1.1603-2.1622i	-0.9101+1.1283i	0.7722+0.0046i
72.3	-53.3738-51.8825i	-83.9920-59.6758i	-9.7054+2.9087i	-2.0998-3.3160i	-0.0215+0.5215i	-1.0942-2.0976i	-0.7666+1.2877i	0.7283-0.0185i
72.4	-52.6807-50.8799i	-83.2100-58.5352i	-10.8064+2.6255i	-2.1079-2.9364i	-0.0293+0.5068i	-1.1265-2.0372i	-0.7247+1.1894i	0.7531-0.0490i
72.5	-51.5850-49.2869i	-81.9875-56.6135i	-10.7717+3.4982i	-1.8347-2.7907i	-0.0805+0.5098i	-1.1077-1.9526i	-0.8009+1.1248i	0.7881-0.0897i
72.6	-51.0436-47.9356i	-81.3724-54.9477i	-11.0637+1.9566i	-2.2977-2.8616i	-0.0470+0.4949i	-1.0957-1.8852i	-0.6891+1.1755i	0.7766-0.0979i
72.7	-50.4192-47.4223i	-80.5531-54.2635i	-10.2500+0.9668i	-1.9659-3.3171i	-0.0640+0.5368i	-1.1137-1.7985i	-0.8380+1.2760i	0.7978-0.1549i
72.8	-49.5650-45.6708i	-79.4380-52.3000i	-9.9834+1.1170i	-1.5340-3.2928i	-0.1287+0.5419i	-1.0736-1.6494i	-1.0167+1.2253i	0.7706-0.2351i
72.9	-48.8306-44.8796i	-78.7899-51.1307i	-11.1496+2.4134i	-1.2255-2.3231i	-0.2107+0.4758i	-1.0694-1.6049i	-1.0698+0.8998i	0.8073-0.2635i
73.0	-47.7628-44.3526i	-77.6738-50.2516i	-11.7996+2.4105i	-1.4694-2.0330i	-0.1804+0.4771i	-1.0590-1.6237i	-0.9557+0.8769i	0.8476-0.2555i
73.1	-46.8863-43.5268i	-76.5738-49.2324i	-14.2530+1.6607i	-2.4865-1.6622i	-0.0915+0.4101i	-1.0619-1.5769i	-0.6013+0.8083i	0.8516-0.2654i
73.2	-45.5097-43.0837i	-75.0473-48.7050i	-16.1072+1.3753i	-2.7184-1.3118i	-0.1320+0.4019i	-0.9741-1.5806i	-0.5794+0.7565i	0.8037-0.2433i
73.3	-44.4641-41.8872i	-74.0760-47.2177i	-14.6392+1.1005i	-2.1222-1.7034i	-0.2107+0.4670i	-0.8640-1.5619i	-0.8242+0.8511i	0.7868-0.2746i
73.4	-43.8625-41.6168i	-73.5169-46.7644i	-14.3958+2.9416i	-1.6814-1.2900i	-0.2507+0.4347i	-0.8981-1.5569i	-0.8980+0.6823i	0.8655-0.3034i
73.5	-42.5433-40.9910i	-72.0380-45.9103i	-15.7834+2.3583i	-2.0756-1.0440i	-0.2755+0.4420i	-0.8232-1.5052i	-0.8218+0.6949i	0.8452-0.3100i
73.6	-41.4110-40.2972i	-70.7179-45.0867i	-16.2686+3.6886i	-1.8312-0.4983i	-0.3623+0.4119i	-0.7914-1.4571i	-0.9041+0.5039i	0.8847-0.3133i
73.7	-40.9371-40.5717i	-70.2584-45.0845i	-16.0933+5.1918i	-1.3226-0.4344i	-0.4350+0.4708i	-0.7924-1.4803i	-1.0821+0.5128i	0.9036-0.3681i
73.8	-39.4509-41.1751i	-68.5577-45.5170i	-16.7611+3.4096i	-1.6737-0.9127i	-0.3585+0.5461i	-0.7366-1.5442i	-0.9790+0.7126i	0.8614-0.4506i
73.9	-38.1055-40.2862i	-67.2190-44.4106i	-17.1674+3.6672i	-1.6431-0.5890i	-0.3918+0.5508i	-0.7261-1.5262i	-1.0133+0.6423i	0.9223-0.4812i
74.0	-37.3898-39.5621i	-66.3444-43.3383i	-17.6043+3.6145i	-1.7010-0.7129i	-0.4102+0.6091i	-0.6474-1.5064i	-1.0289+0.7372i	0.8686-0.4952i
74.1	-36.1263-39.1195i	-64.7629-42.7552i	-18.5099+3.3786i	-2.0403-0.6422i	-0.3907+0.6162i	-0.5236-1.4995i	-0.9170+0.7820i	0.7848-0.5088i
74.2	-34.7719-39.9156i	-63.2663-43.4079i	-19.3384+4.9570i	-1.9334-0.1908i	-0.4196+0.6214i	-0.5472-1.5930i	-0.9424+0.6738i	0.8028-0.5642i
74.3	-34.3445-40.5300i	-62.9100-43.9746i	-19.6510+5.4614i	-1.8276-0.0369i	-0.4390+0.6662i	-0.5369-1.6428i	-0.9646+0.6857i	0.7534-0.6032i
74.4	-33.1239-40.7211i	-61.5852-43.6283i	-20.8271+5.2469i	-1.9200+0.1232i	-0.4382+0.6936i	-0.5478-1.6969i	-0.9929+0.6736i	0.7855-0.6505i
74.5	-32.4363-39.9556i	-60.7400-42.2568i	-19.2995+6.3495i	-1.1288-0.2689i	-0.5404+0.8339i	-0.4842-1.7294i	-1.3279+0.7994i	0.7094-0.7345i
74.6	-32.0196-40.0858i	-60.3767-42.2432i	-18.7621+7.4098i	-0.9771-0.2842i	-0.5939+0.8688i	-0.4400-1.7199i	-1.4077+0.7991i	0.6061-0.7618i
74.7	-30.6132-40.3499i	-58.8415-42.4750i	-20.2423+7.1814i	-1.6029-0.0480i	-0.5037+0.8973i	-0.4277-1.8222i	-1.1855+0.8704i	0.6200-0.7119i
74.8	-29.6076-40.3180i	-57.7865-42.2410i	-20.4913+7.8593i	-1.5417+0.0838i	-0.5540+0.9237i	-0.4293-1.9147i	-1.2499+0.8385i	0.6061-0.7078i
74.9	-28.5457-40.4521i	-56.3923-42.0891i	-20.9641+8.6933i	-1.4786+0.2750i	-0.5756+0.9452i	-0.4584-1.9557i	-1.2542+0.7950i	0.5789-0.6792i

75.0	-27.7392-41.3531i	-55.5198-42.5771i	-21.6362+10.5738i	-1.2276+0.6068i	-0.6094+1.0388i	-0.4556-2.0933i	-1.3548+0.8235i	0.5759-0.6833i
75.1	-27.5561-42.1436i	-55.1813-43.2394i	-21.8848+11.7151i	-1.1725+0.6152i	-0.5897+1.1144i	-0.5033-2.1348i	-1.3850+0.9160i	0.5492-0.7225i
75.2	-26.9979-42.8181i	-54.5069-43.7713i	-22.1601+12.0783i	-1.2565+0.9352i	-0.6037+1.1167i	-0.5733-2.1621i	-1.3692+0.8611i	0.5509-0.7569i
75.3	-26.5322-43.2971i	-53.5377-44.0611i	-20.8867+13.1057i	-1.1850+0.7167i	-0.5306+1.2668i	-0.6494-2.2358i	-1.3758+1.0740i	0.4649-0.7823i
75.4	-27.1002-43.1096i	-53.8527-43.5812i	-19.7698+14.0567i	-1.0281+0.2614i	-0.4130+1.3995i	-0.7946-2.2720i	-1.3316+1.3318i	0.4022-0.7764i
75.5	-26.1622-43.8200i	-52.6033-44.0687i	-19.7471+14.9711i	-1.1214+0.2896i	-0.3600+1.4868i	-0.8602-2.2809i	-1.2927+1.4562i	0.4213-0.7939i
75.6	-24.6880-44.0491i	-50.8520-44.0409i	-20.3091+16.1574i	-0.9909+0.5095i	-0.4145+1.5812i	-0.9300-2.3642i	-1.3824+1.4756i	0.4218-0.8152i
75.7	-24.5829-44.6231i	-50.6386-44.4789i	-20.3034+16.8787i	-0.8439+0.7099i	-0.3961+1.6132i	-1.0193-2.3346i	-1.3452+1.4529i	0.4155-0.8101i
75.8	-24.7287-45.5789i	-50.5902-45.5410i	-19.4481+17.7446i	-0.7435+0.9681i	-0.3765+1.6539i	-1.1531-2.2935i	-1.3186+1.4538i	0.3916-0.8087i
75.9	-25.2870-46.5585i	-50.7483-46.3377i	-18.0835+19.4165i	-0.6865+0.8898i	-0.2456+1.8012i	-1.2865-2.1956i	-1.2648+1.6751i	0.3589-0.8698i
76.0	-25.9015-47.5737i	-51.0051-47.1690i	-17.1794+20.0232i	-0.6256+0.8719i	-0.1209+1.8790i	-1.3675-2.1123i	-1.1852+1.7769i	0.3026-0.9605i
76.1	-25.8370-47.8101i	-50.8600-47.0443i	-16.0943+21.1922i	-0.3773+0.6876i	-0.1001+2.0093i	-1.4199-2.1349i	-1.2733+1.8659i	0.2628-0.9875i
76.2	-26.2665-46.5663i	-50.9451-46.1126i	-14.9261+20.8831i	-0.4972+0.6147i	0.0804+1.9404i	-1.4366-1.9770i	-1.0478+1.8647i	0.1682-0.8993i
76.3	-27.5186-48.0400i	-51.7739-47.5617i	-12.1915+22.5303i	-0.1139+0.7803i	0.2808+2.0233i	-1.6203-1.9399i	-0.9052+1.9714i	0.1855-0.9342i
76.4	-27.6573-48.8266i	-51.7012-48.1658i	-11.6885+23.5655i	-0.0592+1.0269i	0.3444+2.0931i	-1.6658-1.8993i	-0.8700+2.0182i	0.1312-0.9783i
76.5	-26.7949-48.8607i	-50.7058-47.8453i	-12.2723+24.2494i	-0.2442+1.1040i	0.3738+2.1231i	-1.5956-1.8671i	-0.8309+2.0152i	0.1156-1.0517i
76.6	-27.6822-48.4856i	-51.3269-47.5414i	-11.2465+23.4455i	-0.2459+0.9201i	0.4733+2.1337i	-1.4871-1.7583i	-0.7640+2.0572i	-0.0149-1.0686i
76.7	-28.9053-48.0614i	-52.3667-47.3002i	-8.7644+23.7841i	0.0409+0.9138i	0.6503+2.1588i	-1.4415-1.6903i	-0.6352+2.1243i	-0.1747-0.9709i
76.8	-28.3609-48.9057i	-51.4370-48.1773i	-7.9940+25.1151i	0.0893+1.3141i	0.6908+2.2205i	-1.4900-1.6987i	-0.6284+2.1597i	-0.2350-0.9342i
76.9	-29.0256-49.1272i	-51.6872-48.6280i	-6.2490+25.2511i	0.2494+1.4327i	0.8246+2.2357i	-1.4694-1.6323i	-0.5399+2.1805i	-0.3129-0.9458i
77.0	-29.8390-47.2248i	-52.3135-46.7470i	-4.8204+23.8101i	0.2522+1.0732i	1.0408+2.1111i	-1.3255-1.5248i	-0.3296+2.1721i	-0.4211-0.9199i
77.1	-30.1319-47.0940i	-52.5472-46.5188i	-3.8071+24.0063i	0.4255+1.0888i	1.1468+2.0471i	-1.3130-1.5403i	-0.2461+2.1059i	-0.4470-0.9081i
77.2	-29.9566-46.4618i	-51.9377-46.2736i	-2.3390+22.9963i	0.1591+1.2187i	1.2742+1.9259i	-1.3452-1.5347i	-0.0795+2.0804i	-0.5179-0.7812i
77.3	-30.2026-45.8173i	-52.2469-45.3562i	-0.5400+22.1999i	0.3492+0.9505i	1.4159+1.9177i	-1.3064-1.6135i	-0.0416+2.1199i	-0.6193-0.6750i
77.4	-30.2726-45.2907i	-52.3369-44.7134i	0.7149+21.6609i	0.5661+0.8132i	1.5331+1.8628i	-1.2726-1.7145i	0.0564+2.0735i	-0.6223-0.6233i
77.5	-29.8919-45.0281i	-51.8117-44.4867i	0.9543+21.6700i	0.5151+0.8749i	1.5936+1.7882i	-1.2778-1.7383i	0.1380+2.0449i	-0.6089-0.5392i
77.6	-29.8164-44.1406i	-51.6539-43.8434i	1.0159+20.4783i	0.4769+0.9470i	1.6637+1.7076i	-1.2680-1.7490i	0.2098+1.9943i	-0.6524-0.3806i
77.7	-29.1051-43.2641i	-50.9054-43.0119i	1.4389+19.9438i	0.6396+0.9907i	1.7225+1.6421i	-1.2621-1.8220i	0.2587+1.8934i	-0.6404-0.2582i
77.8	-29.0772-43.0600i	-50.8685-42.7083i	2.7915+18.9937i	0.6877+0.8389i	1.8187+1.4941i	-1.3742-1.8538i	0.3080+1.8182i	-0.5547-0.2001i
77.9	-29.0431-42.3203i	-50.5605-41.8480i	3.3293+17.6973i	0.6463+0.4906i	1.9168+1.3516i	-1.5010-1.8786i	0.3457+1.7880i	-0.5074-0.1341i
78.0	-28.9123-41.9936i	-49.9620-41.9628i	5.0249+18.2642i	0.8200+0.6225i	2.0856+1.3084i	-1.5664-1.9223i	0.4395+1.8462i	-0.5155+0.0400i
78.1	-28.4941-42.4196i	-49.7194-42.2799i	5.7258+17.5474i	0.8841+0.7030i	2.0870+1.2332i	-1.6389-1.9649i	0.4035+1.7577i	-0.4768+0.0614i
78.2	-28.1186-41.8702i	-49.3203-41.9196i	4.8852+15.7500i	0.7623+0.7707i	2.0172+1.1033i	-1.6512-1.8828i	0.3841+1.7101i	-0.4771+0.0854i
78.3	-26.9822-40.3729i	-48.2193-40.5396i	4.5235+14.4730i	0.5866+0.7101i	2.0162+0.9669i	-1.5853-1.8299i	0.4475+1.6650i	-0.3760+0.2123i
78.4	-27.1261-40.7374i	-48.3671-41.1176i	5.1199+14.7737i	0.9119+0.7624i	2.1004+0.9140i	-1.6944-1.8407i	0.5020+1.6723i	-0.2745+0.2402i
78.5	-26.7991-41.3366i	-47.9781-41.7957i	5.5587+15.5290i	1.1260+1.0805i	2.1343+0.8901i	-1.8041-1.8351i	0.4840+1.6717i	-0.2044+0.2639i
78.6	-26.0612-41.6544i	-47.2511-42.0869i	6.2064+15.1768i	1.1969+1.1360i	2.0926+0.7183i	-1.9550-1.8281i	0.5232+1.5505i	-0.0405+0.1814i
78.7	-25.4073-41.1948i	-46.4927-41.6711i	7.2667+13.2611i	1.0523+0.8501i	2.1475+0.5309i	-2.0304-1.8472i	0.6772+1.5076i	0.0537+0.2388i
78.8	-25.9300-40.0505i	-47.0737-40.6199i	8.4219+10.9979i	1.2070+0.5372i	2.1200+0.3070i	-2.1015-1.7563i	0.7133+1.3895i	0.1049+0.2754i
78.9	-25.3876-38.3316i	-46.5965-38.8273i	8.1150+9.0492i	1.0682+0.0697i	1.9428+0.1463i	-2.1537-1.6547i	0.6273+1.2665i	0.1852+0.2520i
79.0	-22.8814-38.7168i	-44.1666-38.9501i	4.6264+9.6992i	0.6074+0.2337i	1.6540+0.3303i	-2.1246-1.6385i	0.3461+1.3068i	0.2190+0.1596i
79.1	-21.9310-40.3518i	-43.2810-40.7725i	2.9924+11.7089i	0.7053+1.1079i	1.6457+0.5084i	-2.0780-1.5895i	0.3649+1.4334i	0.1715+0.0641i
79.2	-21.5227-41.0103i	-42.6694-41.4949i	4.3648+10.8362i	0.6471+1.2190i	1.7681+0.4451i	-2.1302-1.5181i	0.5547+1.4868i	0.1612-0.0078i
79.3	-21.1499-41.4543i	-42.2901-41.7178i	5.1076+11.1499i	0.8242+1.1403i	1.8512+0.4220i	-2.2263-1.5486i	0.6330+1.5394i	0.1767-0.0214i
79.4	-20.2723-41.8132i	-41.3763-41.8691i	5.8722+10.7495i	0.8675+1.0798i	1.8581+0.2771i	-2.3472-1.5828i	0.7700+1.4683i	0.2318-0.0132i
79.5	-20.0861-42.2512i	-41.1112-42.5517i	5.6948+9.6601i	0.9256+1.2909i	1.8959+0.2113i	-2.3830-1.4618i	0.9332+1.3715i	0.2335-0.0143i
79.6	-20.7747-42.7158i	-41.7602-43.0420i	6.2356+9.5958i	1.2678+1.3242i	1.9279+0.2060i	-2.4570-1.3589i	0.9844+1.3083i	0.2295-0.0200i
79.7	-20.9038-42.7862i	-41.9462-42.9805i	5.6176+9.5860i	1.4115+1.0873i	1.8634+0.1644i	-2.4540-1.2856i	0.9479+1.2519i	0.1990+0.0218i
79.8	-20.6945-43.4052i	-41.5437-43.4908i	6.5462+9.0787i	1.3824+1.0053i	1.9155+0.0822i	-2.5243-1.2233i	0.9991+1.1833i	0.2485-0.0035i
79.9	-20.3263-43.9681i	-40.9807-44.1463i	7.2154+8.1632i	1.4095+1.0788i	1.9078-0.0021i	-2.5994-1.1466i	1.0584+1.1187i	0.2708-0.0485i
80.0	-20.2037-43.4009i	-40.7930-43.4831i	6.3574+7.3827i	1.2576+0.9960i	1.8398-0.0593i	-2.5732-1.0058i	1.0493+1.0601i	0.2697-0.0998i

2.1.20 Run 2 – IP270-200 – Accels 9–16

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	4.4896+0.0000i	-17.4752+0.0000i	-6.4972+0.0000i	11.9961+0.0000i	7.9178+0.0000i	1.7007+0.0000i	-2.2734+0.0000i	15.7248+0.0000i
0.1	4.9307+0.7724i	-15.8916+1.0185i	-3.9680+0.9507i	12.8253+1.4793i	9.4086+0.9552i	-0.4979-1.5151i	-3.1137-0.4155i	12.4637-2.9004i
0.2	-0.7225-0.5183i	-2.5003-2.3784i	-1.9691-0.6707i	-1.4768-2.3038i	-2.1350-2.5994i	1.1633-2.8467i	-0.9954-2.0607i	3.8874-7.9969i
0.3	2.8230-0.2887i	-3.2686+0.7085i	-1.6761-0.3281i	-1.2863-0.4187i	-3.1685-0.2546i	2.4482-1.4768i	0.1404-1.1063i	1.8643-0.0639i
0.4	0.5077+0.3069i	-1.0414+2.4707i	-0.8558+0.0212i	-0.2295-0.2630i	-1.9568-1.5907i	1.7576+0.3006i	0.4603-0.6870i	-1.5264+1.0705i
0.5	0.9852+0.5148i	-0.7378-0.1524i	-0.1541+0.3226i	-0.3304+0.1413i	-1.1396+0.1995i	0.3603-0.1349i	0.2320-0.2049i	-0.0045+0.1488i
0.6	0.0825+0.0939i	-0.0519-0.0443i	-0.0092+0.0004i	0.1483+0.0151i	0.0262+0.0663i	-0.0965+0.0596i	0.1447-0.0888i	-0.0148-0.0537i
0.7	0.0594-0.0603i	-0.1652+0.0264i	-0.0225-0.0341i	0.1585-0.0372i	0.0301-0.0673i	0.0190-0.0140i	0.1284-0.0395i	0.0340-0.0189i
0.8	0.1533-0.0088i	-0.2281-0.0241i	0.0065-0.0075i	0.2323+0.0306i	-0.0021-0.0150i	0.0119-0.0229i	0.2262+0.0236i	-0.0005-0.0560i
0.9	0.1920+0.0064i	-0.3027-0.0336i	0.0133-0.0119i	0.2848+0.0009i	-0.0079-0.0138i	-0.0220-0.0105i	0.2862-0.0077i	-0.0048-0.0024i
1.0	0.1971-0.0072i	-0.3357-0.0122i	0.0134-0.0122i	0.2842-0.0791i	-0.0019-0.0038i	-0.0086+0.0098i	0.2878-0.0799i	0.0021-0.0026i
1.1	0.2706-0.0148i	-0.4610+0.0069i	0.0187-0.0182i	0.3739-0.1029i	-0.0100-0.0005i	-0.0051+0.0179i	0.3822-0.1064i	0.0123+0.0005i
1.2	0.3735-0.0227i	-0.5876+0.0165i	0.0205-0.0287i	0.5522-0.1341i	-0.0090-0.0024i	-0.0285+0.0064i	0.5511-0.1528i	0.0096-0.0062i
1.3	0.4733-0.0535i	-0.7221+0.0612i	-0.0100-0.0559i	0.5958-0.4042i	-0.0155-0.0006i	-0.0368+0.0498i	0.5844-0.4235i	0.0127-0.0088i
1.4	0.6788-0.0925i	-0.9570+0.1014i	-0.1337-0.0164i	0.0024-0.3191i	-0.0143+0.0062i	0.0896+0.0446i	-0.0022-0.3199i	0.0103-0.0008i
1.5	0.9953-0.2923i	-1.3308+0.2949i	-0.1543+0.1319i	0.1557+0.3971i	-0.0158+0.0049i	0.1160-0.0960i	0.1725+0.3889i	0.0152+0.0047i
1.6	1.0923-0.5469i	-1.4768+0.5691i	-0.0540+0.1830i	0.9265+0.4357i	-0.0214+0.0062i	0.0088-0.1339i	0.9401+0.4059i	0.0234+0.0017i
1.7	0.8328-1.3162i	-1.2550+1.4427i	0.1058+0.1451i	1.6127-0.8072i	-0.0235+0.0256i	-0.1225-0.0355i	1.5901-0.8507i	0.0311-0.0164i
1.8	-0.1040-1.6204i	-0.2630+1.7982i	0.1764+0.0534i	0.7307-1.8316i	-0.0047+0.0385i	-0.0826+0.0889i	0.6841-1.8463i	0.0239-0.0242i
1.9	-0.9150-1.2537i	0.6159+1.3923i	0.1588-0.0158i	-0.6071-1.7876i	0.0214+0.0326i	0.0451+0.1238i	-0.6475-1.7688i	0.0134-0.0220i
2.0	-0.9778-0.9686i	0.6554+1.0783i	0.1576-0.0401i	-0.8796-1.5278i	0.0294+0.0267i	0.1064+0.1108i	-0.9116-1.5020i	0.0153-0.0198i
2.1	-0.8848-0.6859i	0.5089+0.7633i	0.2062-0.0629i	-0.8930-1.1353i	0.0375+0.0160i	0.1876+0.0613i	-0.9156-1.1123i	0.0279-0.0191i
2.2	-0.8581-0.5077i	0.4388+0.5653i	0.3033-0.2536i	-0.9604-0.8633i	0.0523-0.0161i	0.3121-0.1510i	-0.9778-0.8383i	0.0475-0.0477i
2.3	-0.8568-0.4531i	0.4121+0.5092i	0.0882-0.5069i	-1.0108-0.7803i	0.0236-0.0500i	0.1177-0.4072i	-1.0233-0.7518i	0.0140-0.0894i
2.4	-0.8200-0.4003i	0.3344+0.4473i	-0.2993-0.2936i	-0.9851-0.7246i	-0.0278-0.0197i	-0.2584-0.2002i	-0.9911-0.6992i	-0.0497-0.0544i
2.5	-0.7410-0.3569i	0.1920+0.3988i	-0.1905-0.0680i	-0.8909-0.6739i	-0.0152+0.0079i	-0.1541+0.0191i	-0.8971-0.6534i	-0.0301-0.0164i
2.6	-0.7036-0.3031i	0.0947+0.3332i	-0.1193-0.0362i	-0.8626-0.5883i	-0.0068+0.0105i	-0.0813+0.0422i	-0.8673-0.5704i	-0.0163-0.0105i
2.7	-0.6897-0.2730i	0.0291+0.2993i	-0.0947-0.0287i	-0.8756-0.5423i	-0.0035+0.0112i	-0.0500+0.0447i	-0.8782-0.5253i	-0.0105-0.0090i
2.8	-0.7020-0.2162i	-0.0062+0.2250i	-0.0816-0.0213i	-0.9365-0.4231i	-0.0003+0.0090i	-0.0243+0.0354i	-0.9367-0.4058i	-0.0074-0.0064i
2.9	-0.6718-0.1942i	-0.1057+0.2073i	-0.0705-0.0191i	-0.9078-0.3823i	0.0004+0.0080i	-0.0136+0.0328i	-0.9076-0.3649i	-0.0011-0.0058i
3.0	-0.6676-0.2179i	-0.1723+0.2319i	-0.0651-0.0223i	-0.9257-0.4577i	0.0007+0.0087i	-0.0007+0.0451i	-0.9261-0.4419i	0.0011-0.0069i
3.1	-0.6517-0.2069i	-0.2488+0.2259i	-0.0588-0.0225i	-0.9160-0.4373i	0.0015+0.0084i	0.0068+0.0433i	-0.9164-0.4220i	0.0030-0.0081i
3.2	-0.6083-0.1960i	-0.3823+0.2193i	-0.0538-0.0211i	-0.8361-0.4165i	-0.0016+0.0079i	0.0005+0.0382i	-0.8363-0.4017i	0.0056-0.0092i
3.3	-0.5964-0.2455i	-0.4554+0.2919i	-0.0569-0.0242i	-0.8217-0.5417i	-0.0002+0.0140i	-0.0010+0.0557i	-0.8232-0.5272i	0.0087-0.0077i
3.4	-0.6641-0.2649i	-0.4303+0.3205i	-0.0619-0.0239i	-1.0056-0.6027i	0.0071+0.0167i	0.0261+0.0681i	-1.0059-0.5862i	0.0095-0.0083i
3.5	-0.6745-0.1974i	-0.4938+0.2194i	-0.0593-0.0160i	-1.0474-0.4398i	0.0055+0.0121i	0.0347+0.0482i	-1.0456-0.4229i	0.0112-0.0056i
3.6	-0.6827-0.1925i	-0.5511+0.2238i	-0.0598-0.0136i	-1.0846-0.4289i	0.0071+0.0126i	0.0416+0.0493i	-1.0823-0.4111i	0.0147-0.0043i
3.7	-0.6582-0.1564i	-0.6657+0.1665i	-0.0550-0.0117i	-1.0352-0.3446i	0.0068+0.0075i	0.0400+0.0400i	-1.0320-0.3288i	0.0185-0.0032i
3.8	-0.6672-0.1060i	-0.7292+0.0959i	-0.0560-0.0078i	-1.0750-0.2222i	0.0065+0.0059i	0.0452+0.0238i	-1.0690-0.2066i	0.0199-0.0028i
3.9	-0.6170-0.0992i	-0.8873+0.0880i	-0.0542-0.0087i	-0.9582-0.2051i	0.0014+0.0055i	0.0320+0.0185i	-0.9525-0.1927i	0.0228-0.0021i
4.0	-0.6313-0.1053i	-0.9532+0.1071i	-0.0539-0.0061i	-0.9986-0.2212i	0.0089+0.0074i	0.0407+0.0219i	-0.9942-0.2084i	0.0274-0.0027i
4.1	-0.6419-0.0831i	-1.0225+0.0693i	-0.0539-0.0041i	-1.0361-0.1659i	0.0117+0.0061i	0.0448+0.0162i	-1.0302-0.1528i	0.0303-0.0022i
4.2	-0.6479-0.1042i	-1.0907+0.1016i	-0.0595-0.0017i	-1.0723-0.2175i	0.0082+0.0121i	0.0470+0.0256i	-1.0685-0.2067i	0.0313+0.0004i
4.3	-0.6004-0.0803i	-1.2752+0.0580i	-0.0530-0.0030i	-0.9556-0.1633i	0.0009+0.0076i	0.0342+0.0167i	-0.9534-0.1561i	0.0356+0.0006i
4.4	-0.5755-0.0701i	-1.4270+0.0545i	-0.0485-0.0050i	-0.8933-0.1433i	-0.0007+0.0073i	0.0305+0.0136i	-0.8904-0.1342i	0.0391+0.0007i
4.5	-0.5753-0.0643i	-1.5378+0.0450i	-0.0457-0.0005i	-0.8996-0.1195i	0.0012+0.0070i	0.0338+0.0106i	-0.8951-0.1093i	0.0451+0.0021i
4.6	-0.5739-0.0575i	-1.6291+0.0238i	-0.0477+0.0011i	-0.9035-0.1005i	0.0008+0.0052i	0.0331+0.0086i	-0.9003-0.0912i	0.0478+0.0024i
4.7	-0.5628-0.0482i	-1.7571-0.0170i	-0.0458+0.0009i	-0.8825-0.0782i	0.0012+0.0057i	0.0317+0.0058i	-0.8770-0.0690i	0.0517+0.0051i
4.8	-0.5486-0.0607i	-1.9034+0.0230i	-0.0436-0.0043i	-0.8490-0.1177i	0.0013+0.0081i	0.0288+0.0097i	-0.8430-0.1100i	0.0576+0.0031i
4.9	-0.5351-0.0645i	-2.0554+0.0376i	-0.0424-0.0050i	-0.8157-0.1331i	-0.0008+0.0069i	0.0260+0.0126i	-0.8105-0.1241i	0.0610-0.0011i
5.0	-0.5327-0.0614i	-2.2029+0.0283i	-0.0416-0.0045i	-0.8189-0.1253i	-0.0015+0.0063i	0.0286+0.0105i	-0.8154-0.1157i	0.0680-0.0013i
5.1	-0.5387-0.0661i	-2.2891+0.0359i	-0.0422-0.0015i	-0.8404-0.1297i	0.0010+0.0101i	0.0299+0.0121i	-0.8372-0.1195i	0.0707+0.0023i
5.2	-0.5431-0.0677i	-2.4191+0.0320i	-0.0407-0.0013i	-0.8600-0.1233i	0.0030+0.0087i	0.0342+0.0095i	-0.8566-0.1141i	0.0756+0.0035i
5.3	-0.5366-0.0610i	-2.5819+0.0037i	-0.0387-0.0002i	-0.8331-0.1012i	0.0041+0.0084i	0.0322+0.0096i	-0.8307-0.0951i	0.0856+0.0057i
5.4	-0.5375-0.0718i	-2.7123+0.0105i	-0.0344+0.0079i	-0.8398-0.1192i	0.0173+0.0170i	0.0368+0.0201i	-0.8353-0.1154i	0.1038+0.0141i
5.5	-0.5407-0.0895i	-2.8682+0.0344i	-0.0326+0.0034i	-0.8585-0.1546i	0.0192+0.0217i	0.0450+0.0189i	-0.8529-0.1495i	0.1118+0.0155i
5.6	-0.5428-0.0850i	-3.0387-0.0047i	-0.0320-0.0078i	-0.8648-0.1358i	0.0131+0.0102i	0.0450+0.0047i	-0.8568-0.1282i	0.1164+0.0046i

5.7	-0.5557-0.0858i	-3.2150-0.0231i	-0.0382-0.0118i	-0.8938-0.1325i	0.0170+0.0073i	0.0411-0.0041i	-0.8878-0.1247i	0.1209+0.0031i
5.8	-0.5538-0.0788i	-3.3825-0.0023i	-0.0462-0.0032i	-0.8765-0.1192i	0.0091+0.0182i	0.0313+0.0037i	-0.8719-0.1112i	0.1163+0.0152i
5.9	-0.5775-0.0896i	-3.5060+0.0326i	-0.0498-0.0044i	-0.9283-0.1415i	0.0141+0.0321i	0.0310+0.0071i	-0.9236-0.1351i	0.1243+0.0263i
6.0	-0.5730-0.0948i	-3.7038+0.0382i	-0.0387-0.0031i	-0.9190-0.1681i	0.0462+0.0311i	0.0417+0.0119i	-0.9162-0.1620i	0.1647+0.0257i
6.1	-0.5756-0.0869i	-3.9176+0.0619i	-0.0376-0.0110i	-0.9314-0.1542i	0.0588+0.0048i	0.0437+0.0029i	-0.9302-0.1480i	0.1879+0.0012i
6.2	-0.5861-0.0797i	-4.0501+0.0571i	-0.0405-0.0116i	-0.9606-0.1389i	0.0649+0.0004i	0.0450+0.0013i	-0.9587-0.1317i	0.1972-0.0063i
6.3	-0.5795-0.0601i	-4.2559+0.0037i	-0.0424-0.0122i	-0.9355-0.1014i	0.0856-0.0021i	0.0406+0.0003i	-0.9332-0.0940i	0.2199-0.0043i
6.4	-0.5636-0.0486i	-4.5302+0.0045i	-0.0433-0.0099i	-0.8959-0.0867i	0.0914-0.0055i	0.0384-0.0004i	-0.8921-0.0807i	0.2376-0.0077i
6.5	-0.5760-0.0571i	-4.6689-0.0080i	-0.0482-0.0123i	-0.9331-0.1029i	0.0737-0.0169i	0.0359-0.0044i	-0.9279-0.0959i	0.2260-0.0186i
6.6	-0.5881-0.0468i	-4.8841-0.0266i	-0.0500-0.0059i	-0.9617-0.0658i	0.1483-0.0099i	0.0334-0.0029i	-0.9560-0.0588i	0.3033-0.0121i
6.7	-0.5862-0.0327i	-5.0886-0.0574i	-0.0499-0.0031i	-0.9549-0.0277i	0.2221+0.0014i	0.0337-0.0028i	-0.9503-0.0248i	0.3849+0.0027i
6.8	-0.5920-0.0413i	-5.3349-0.0189i	-0.0540-0.0051i	-0.9752-0.0569i	0.2971-0.0301i	0.0343-0.0043i	-0.9727-0.0519i	0.4672-0.0299i
6.9	-0.5876-0.0472i	-5.6132+0.0449i	-0.0545-0.0069i	-0.9677-0.0904i	0.3131-0.1685i	0.0371-0.0004i	-0.9669-0.0799i	0.4968-0.1666i
7.0	-0.5787-0.0399i	-5.8764+0.0061i	-0.0544-0.0036i	-0.9418-0.0798i	0.4227-0.2952i	0.0319-0.0010i	-0.9414-0.0669i	0.6162-0.2925i
7.1	-0.5799-0.0345i	-6.1511+0.0368i	-0.0561+0.0033i	-0.9462-0.0775i	0.3861-0.6062i	0.0319+0.0001i	-0.9439-0.0590i	0.5929-0.5974i
7.2	-0.5798-0.0290i	-6.4170+0.0546i	-0.0534+0.0125i	-0.9758-0.0826i	-0.1152-0.9427i	0.0350+0.0092i	-0.9667-0.0646i	0.1019-0.9267i
7.3	-0.5739-0.0336i	-6.6668+0.0114i	-0.0432+0.0085i	-0.9884-0.0886i	-0.5388-0.7836i	0.0417+0.0110i	-0.9765-0.0756i	-0.3035-0.7698i
7.4	-0.5742-0.0342i	-6.9304+0.0117i	-0.0396+0.0041i	-0.9911-0.0619i	-0.5308-0.4038i	0.0464+0.0052i	-0.9782-0.0556i	-0.2853-0.3996i
7.5	-0.5839-0.0430i	-7.2223+0.0246i	-0.0460-0.0029i	-1.0214-0.0757i	-0.4391-0.2678i	0.0446+0.0008i	-1.0115-0.0693i	-0.1849-0.2627i
7.6	-0.5794-0.0473i	-7.5640+0.0034i	-0.0486-0.0056i	-1.0222-0.0828i	-0.4158-0.1710i	0.0448-0.0003i	-1.0117-0.0736i	-0.1453-0.1677i
7.7	-0.5897-0.0507i	-7.8740+0.0423i	-0.0544-0.0068i	-1.0404-0.0778i	-0.3557-0.1474i	0.0409-0.0003i	-1.0265-0.0703i	-0.0756-0.1499i
7.8	-0.5953-0.0480i	-8.3030+0.0552i	-0.0502-0.0032i	-1.0559-0.0734i	-0.3229-0.0951i	0.0465+0.0023i	-1.0441-0.0687i	-0.0289-0.0946i
7.9	-0.5956-0.0501i	-8.5573+0.0555i	-0.0464-0.0074i	-1.0606-0.0870i	-0.2277-0.1222i	0.0485-0.0020i	-1.0521-0.0819i	0.0742-0.1229i
8.0	-0.5989-0.0530i	-8.9235+0.0700i	-0.0491-0.0115i	-1.0744-0.0881i	-0.2080-0.1376i	0.0495-0.0067i	-1.0675-0.0812i	0.1027-0.1425i
8.1	-0.6038-0.0542i	-9.3381+0.0549i	-0.0590-0.0155i	-1.1001-0.0970i	-0.2314-0.1591i	0.0475-0.0087i	-1.0919-0.0879i	0.0980-0.1591i
8.2	-0.6098-0.0501i	-9.6979+0.0787i	-0.0644-0.0123i	-1.1136-0.0974i	-0.2525-0.1895i	0.0471-0.0096i	-1.1036-0.0870i	0.0973-0.1866i
8.3	-0.6160-0.0518i	-10.1072+0.1156i	-0.0657-0.0122i	-1.1378-0.0962i	-0.2426-0.1966i	0.0508-0.0114i	-1.1282-0.0887i	0.1173-0.2020i
8.4	-0.6214-0.0534i	-10.6021+0.0653i	-0.0687-0.0166i	-1.1611-0.0765i	-0.2275-0.1851i	0.0512-0.0115i	-1.1490-0.0695i	0.1461-0.1795i
8.5	-0.6218-0.0507i	-11.0244+0.0806i	-0.0659-0.0154i	-1.1737-0.0640i	-0.2037-0.1786i	0.0495-0.0149i	-1.1627-0.0558i	0.1824-0.1701i
8.6	-0.6257-0.0529i	-11.4491+0.1761i	-0.0669-0.0109i	-1.2089-0.0638i	-0.1699-0.1702i	0.0551-0.0132i	-1.1989-0.0582i	0.2261-0.1682i
8.7	-0.6350-0.0588i	-12.0409+0.2482i	-0.0701-0.0084i	-1.2479-0.0736i	-0.1772-0.1788i	0.0559-0.0107i	-1.2387-0.0635i	0.2454-0.1793i
8.8	-0.6359-0.0585i	-12.5180+0.3094i	-0.0733-0.0116i	-1.2479-0.0721i	-0.1908-0.2436i	0.0496-0.0136i	-1.2364-0.0623i	0.2601-0.2400i
8.9	-0.6357-0.0640i	-13.0044+0.3327i	-0.0805-0.0134i	-1.2745-0.0806i	-0.1828-0.3154i	0.0459-0.0152i	-1.2659-0.0698i	0.2830-0.3049i
9.0	-0.6319-0.0678i	-13.5724+0.4687i	-0.0882-0.0103i	-1.3030-0.0616i	-0.1870-0.3751i	0.0471-0.0181i	-1.2938-0.0506i	0.3015-0.3699i
9.1	-0.6343-0.0762i	-14.0358+0.4577i	-0.0932-0.0085i	-1.3205-0.0580i	-0.2324-0.4506i	0.0466-0.0156i	-1.3087-0.0477i	0.2868-0.4423i
9.2	-0.6372-0.0909i	-14.7210+0.4076i	-0.1013-0.0026i	-1.3338-0.0644i	-0.2853-0.5075i	0.0442-0.0120i	-1.3238-0.0553i	0.2813-0.5033i
9.3	-0.6440-0.0950i	-15.3603+0.4551i	-0.1075+0.0050i	-1.3570-0.0559i	-0.3903-0.6476i	0.0389-0.0090i	-1.3501-0.0475i	0.2123-0.6486i
9.4	-0.6480-0.1187i	-16.0394+0.4828i	-0.1061+0.0153i	-1.4027-0.0526i	-0.6091-0.7124i	0.0428-0.0043i	-1.3913-0.0403i	0.0282-0.7098i
9.5	-0.6805-0.1452i	-16.8636+0.4867i	-0.0938+0.0176i	-1.4422-0.0311i	-0.8341-0.5544i	0.0525-0.0086i	-1.4278-0.0236i	-0.1453-0.5542i
9.6	-0.7023-0.1635i	-17.5758+0.4918i	-0.0924+0.0134i	-1.4702-0.0206i	-0.9336-0.4382i	0.0617-0.0147i	-1.4579-0.0152i	-0.2108-0.4436i
9.7	-0.7315-0.1805i	-18.3969+0.6569i	-0.0894+0.0053i	-1.5202-0.0166i	-0.9585-0.3356i	0.0654-0.0250i	-1.5047-0.0133i	-0.1982-0.3497i
9.8	-0.7573-0.1904i	-19.2261+0.8251i	-0.0964+0.0029i	-1.5602-0.0234i	-0.9753-0.2480i	0.0660-0.0323i	-1.5430-0.0175i	-0.1746-0.2784i
9.9	-0.7911-0.1903i	-20.1371+0.9088i	-0.1083+0.0061i	-1.5917-0.0150i	-0.9950-0.1954i	0.0555-0.0327i	-1.5727-0.0107i	-0.1478-0.2482i
10.0	-0.8230-0.1862i	-21.2199+1.1118i	-0.1207+0.0110i	-1.6472-0.0032i	-0.9847-0.1539i	0.0502-0.0294i	-1.6312+0.0024i	-0.0948-0.2509i
10.1	-0.8501-0.1887i	-22.2297+1.2704i	-0.1310+0.0119i	-1.6777-0.0006i	-0.9748-0.1223i	0.0449-0.0303i	-1.6702+0.0110i	-0.0282-0.2530i
10.2	-0.8802-0.1955i	-23.1039+1.4194i	-0.1391+0.0199i	-1.7158+0.0122i	-0.9959-0.1003i	0.0437-0.0269i	-1.7084+0.0223i	-0.0117-0.2655i
10.3	-0.9089-0.2046i	-24.0181+1.6396i	-0.1397+0.0312i	-1.7685+0.0153i	-1.0226-0.0837i	0.0441-0.0227i	-1.7568+0.0288i	-0.0104-0.3029i
10.4	-0.9328-0.2009i	-25.3252+1.7717i	-0.1454+0.0419i	-1.8236+0.0234i	-1.0601-0.0479i	0.0390-0.0175i	-1.8164+0.0391i	-0.0144-0.3030i
10.5	-0.9721-0.2040i	-26.4958+1.9269i	-0.1460+0.0467i	-1.8929+0.0474i	-1.0893-0.0194i	0.0444-0.0190i	-1.8811+0.0646i	-0.0279-0.2994i
10.6	-1.0220-0.2040i	-27.8426+2.2084i	-0.1428+0.0572i	-1.9644+0.0590i	-1.1327+0.0120i	0.0459-0.0086i	-1.9456+0.0740i	-0.0593-0.3145i
10.7	-1.0703-0.2145i	-29.5145+2.4387i	-0.1530+0.0661i	-2.0599+0.0720i	-1.1793+0.0423i	0.0495-0.0028i	-2.0357+0.0931i	-0.0554-0.3151i
10.8	-1.1091-0.2004i	-30.6981+3.0322i	-0.1525+0.0772i	-2.1088+0.1040i	-1.1922+0.1065i	0.0523-0.0007i	-2.0877+0.1258i	-0.0483-0.2861i
10.9	-1.1391-0.1842i	-31.8053+3.1820i	-0.1457+0.0762i	-2.1651+0.1329i	-1.1861+0.1106i	0.0613-0.0002i	-2.1389+0.1539i	-0.0291-0.2867i
11.0	-1.2001-0.1859i	-33.8542+3.2352i	-0.1481+0.0785i	-2.3152+0.1649i	-1.2352+0.1075i	0.0777-0.0016i	-2.2800+0.1858i	-0.0428-0.3018i
11.1	-1.2418-0.1729i	-35.8648+3.1526i	-0.1513+0.0783i	-2.4076+0.1556i	-1.3121+0.1239i	0.0814-0.0001i	-2.3748+0.1756i	-0.0811-0.2709i
11.2	-1.2857-0.1500i	-37.8038+3.5387i	-0.1555+0.0835i	-2.5017+0.1964i	-1.3633+0.1607i	0.0846+0.0010i	-2.4692+0.2149i	-0.0868-0.2540i
11.3	-1.3326-0.1277i	-40.2056+3.8538i	-0.1617+0.0804i	-2.6148+0.1861i	-1.4238+0.1719i	0.0897+0.0018i	-2.5814+0.2079i	-0.0726-0.2381i
11.4	-1.3845-0.1253i	-42.9522+4.1580i	-0.1683+0.0840i	-2.7520+0.2613i	-1.4904+0.2025i	0.1020-0.0071i	-2.7137+0.2816i	-0.0606-0.2116i
11.5	-1.4395-0.1248i	-46.1713+4.4780i	-0.1745+0.0910i	-2.9392+0.3264i	-1.5786+0.2430i	0.1179-0.0116i	-2.8944+0.3460i	-0.0556-0.1783i
11.6	-1.5010-0.1175i	-49.4666+4.8142i	-0.1949+0.0909i	-3.1193+0.3589i	-1.6842+0.2682i	0.1246-0.0156i	-3.0692+0.3787i	-0.0450-0.1633i
11.7	-1.5832-0.1076i	-53.7194+5.6828i	-0.2169+0.1017i	-3.3489+0.4353i	-1.8177+0.3329i	0.1358-0.0176i	-3.2967+0.4529i	-0.0342-0.1309i
11.8	-1.6398-0.0856i	-57.1882+7.0069i	-0.2290+0.1154i	-3.5347+0.5462i	-1.9069+0.3858i	0.1500-0.0250i	-3.4776+0.5578i	0.0088-0.1150i
11.9	-1.7349-0.0782i	-62.7674+8.9128i	-0.2556+0.1374i	-3.8217+0.7793i	-2.0566+0.4580i	0.1655-0.0581i	-3.7570+0.7871i	0.0607-0.1056i

12.0	-1.8477-0.0919i	-68.9770+9.4548i	-0.2869+0.1395i	-4.1427+0.8905i	-2.2599+0.4958i	0.1778-0.0814i	-4.0761+0.8938i	0.0808-0.0955i
12.1	-1.9874-0.0690i	-76.7335+12.1381i	-0.3254+0.1600i	-4.5315+1.1483i	-2.5038+0.5731i	0.1849-0.1134i	-4.4524+1.1485i	0.1154-0.1247i
12.2	-2.1266-0.0426i	-84.1593+15.9464i	-0.3615+0.1996i	-4.9156+1.4861i	-2.7260+0.7050i	0.2006-0.1352i	-4.8339+1.4835i	0.1504-0.1442i
12.3	-2.2956-0.0474i	-93.7481+19.2239i	-0.4148+0.2424i	-5.4043+1.8565i	-3.0848+0.8175i	0.2120-0.1788i	-5.3140+1.8623i	0.1477-0.1871i
12.4	-2.4775-0.0582i	-103.1634+23.9443i	-0.4622+0.3018i	-5.8099+2.3886i	-3.4282+0.9957i	0.2036-0.2436i	-5.7073+2.3851i	0.1521-0.2323i
12.5	-2.8635+0.0490i	-118.7144+38.9306i	-0.5251+0.4395i	-6.2847+3.6291i	-3.9888+1.5664i	0.1600-0.3573i	-6.1711+3.5995i	0.1272-0.2938i
12.6	-3.2858+0.1285i	-133.9906+53.0787i	-0.5608+0.5910i	-6.7242+4.8790i	-4.5247+2.1262i	0.1174-0.4704i	-6.6030+4.8297i	0.1078-0.3576i
12.7	-3.7153+0.3974i	-143.3494+73.3052i	-0.5226+0.7528i	-6.4911+6.2220i	-4.8518+2.9087i	-0.0114-0.5444i	-6.3575+6.1511i	0.0248-0.3796i
12.8	-4.3688+0.8529i	-153.0112+102.4693i	-0.4206+0.9582i	-5.6148+8.0623i	-5.1782+4.0971i	-0.2659-0.6213i	-5.4798+7.9613i	-0.1531-0.3999i
12.9	-4.8404+1.7391i	-151.3261+139.0200i	-0.2273+1.1347i	-4.0069+9.4729i	-5.0402+5.6102i	-0.5630-0.5398i	-3.8818+9.3187i	-0.3976-0.2300i
13.0	-5.5581+3.2214i	-154.4545+192.1506i	-0.0205+1.3104i	-2.1294+10.7797i	-5.0547+7.7875i	-0.9516-0.2819i	-2.0063+10.5897i	-0.7544+0.1154i
13.1	-5.5618+4.7254i	-140.5114+237.4092i	0.1572+1.3812i	-0.6135+11.1072i	-4.3459+9.5766i	-1.1020+0.0963i	-0.5112+10.8851i	-0.7737+0.5236i
13.2	-4.1669+7.8342i	-70.0369+328.6520i	0.5932+1.5310i	2.8577+11.6422i	-1.2563+13.1885i	-1.0910+0.9027i	2.8639+11.3435i	-0.5151+1.5066i
13.3	-1.4537+8.8315i	28.3065+343.0358i	0.9467+1.4012i	5.4386+10.2497i	2.8161+13.6701i	-0.6385+1.3415i	5.3556+9.9424i	0.1766+1.9658i
13.4	2.4851+6.9050i	152.7079+248.4729i	1.2995+0.9386i	7.1739+5.7299i	7.9458+9.7278i	0.3073+1.3849i	6.9745+5.5209i	1.5019+1.8385i
13.5	3.3514+5.3582i	174.2373+187.6252i	1.3621+0.7036i	6.7498+3.7303i	8.9649+7.2108i	0.6901+1.1998i	6.5195+3.5873i	2.0997+1.4877i
13.6	3.4497+3.6967i	167.0634+127.0811i	1.3508+0.4748i	5.6163+2.2984i	8.8589+4.6297i	0.9473+0.8793i	5.3918+2.2262i	2.4772+0.9235i
13.7	3.0607+2.5224i	144.9589+86.7415i	1.3420+0.3096i	4.5169+1.4583i	8.1681+2.8792i	1.0748+0.6099i	4.3153+1.4339i	2.7276+0.4907i
13.8	2.8136+2.0215i	132.3061+70.6606i	1.3588+0.2213i	3.9805+1.1780i	7.8155+2.0889i	1.1463+0.4646i	3.7925+1.1770i	2.8761+0.2249i
13.9	2.6091+1.6161i	121.8764+57.6901i	1.4287+0.1318i	3.5340+0.9055i	7.6692+1.4361i	1.2603+0.3416i	3.3570+0.9226i	3.1396-0.0083i
14.0	2.2348+1.2459i	105.8740+47.0605i	1.4939-0.0107i	2.9392+0.7571i	7.4217+0.7623i	1.3604+0.1491i	2.7743+0.7872i	3.4624-0.3880i
14.1	1.8691+0.9891i	91.6322+40.7878i	1.6042-0.2188i	2.4371+0.7541i	7.3383+0.0108i	1.4886-0.1154i	2.2777+0.8041i	3.8901-0.9734i
14.2	1.6268+0.9231i	83.3161+39.7682i	1.6939-0.4668i	2.1368+0.8368i	7.4560-0.7577i	1.5976-0.3944i	1.9782+0.9117i	4.3099-1.7367i
14.3	1.4288+0.9167i	76.3676+40.2171i	1.8202-0.7547i	1.8924+0.9294i	7.7601-1.6551i	1.7395-0.7027i	1.7392+1.0337i	4.8477-2.6692i
14.4	1.2731+1.0133i	70.5430+43.2633i	1.7904-1.4058i	1.7143+1.1468i	7.6608-3.6804i	1.7144-1.3907i	1.5865+1.3062i	4.9124-4.8469i
14.5	1.2592+1.1297i	68.9270+46.9818i	1.2657-2.0561i	1.7563+1.3702i	6.1772-5.7110i	1.1743-2.0671i	1.6869+1.5696i	3.3785-7.0341i
14.6	1.4537+1.1041i	73.7958+46.3379i	0.3845-2.3916i	1.9873+1.3850i	3.5247-6.9618i	0.2730-2.4207i	1.9962+1.5887i	0.4810-8.1691i
14.7	1.5972+0.9015i	77.2206+40.5136i	-0.3762-2.0604i	2.1322+1.1647i	1.0427-6.3026i	-0.4987-2.0850i	2.1951+1.3243i	-2.1102-7.1779i
14.8	1.6465+0.5723i	78.9420+32.6502i	-0.7847-1.5246i	2.1625+0.8470i	-0.3723-4.9573i	-0.9078-1.5351i	2.2525+0.9529i	-3.4915-5.3671i
14.9	1.4874+0.2892i	75.8285+26.2279i	-0.8516-1.0069i	2.0204+0.5729i	-0.7891-3.5793i	-0.9667-1.0123i	2.1116+0.6361i	-3.6133-3.6114i
15.0	1.3334+0.1968i	73.2973+23.1721i	-0.8031-0.7695i	1.8681+0.4707i	-0.9335-2.8877i	-0.9115-0.7765i	1.9474+0.5180i	-3.4868-2.8295i
15.1	1.1479+0.1633i	69.6301+19.1008i	-0.7080-0.5646i	1.6888+0.4082i	-0.9128-2.1838i	-0.8129-0.5701i	1.7556+0.4380i	-3.1563-2.1510i
15.2	1.0238+0.1218i	65.7206+14.4344i	-0.6203-0.4203i	1.5557+0.3064i	-0.7389-1.6837i	-0.7173-0.4237i	1.6094+0.3221i	-2.7949-1.6492i
15.3	0.9423+0.1147i	61.9292+12.5781i	-0.5439-0.3339i	1.4318+0.2781i	-0.5982-1.3594i	-0.6350-0.3387i	1.4763+0.2856i	-2.5302-1.3512i
15.4	0.8651+0.0872i	57.8271+10.4422i	-0.5012-0.2710i	1.2938+0.2422i	-0.5957-1.1737i	-0.5861-0.2793i	1.3334+0.2401i	-2.3908-1.1614i
15.5	0.8147+0.0716i	54.6214+9.5449i	-0.4479-0.2315i	1.1937+0.2330i	-0.4948-1.0068i	-0.5272-0.2403i	1.2291+0.2320i	-2.2260-1.0060i
15.6	0.7750+0.0503i	52.5458+8.8692i	-0.3995-0.1910i	1.1292+0.2131i	-0.3610-0.8495i	-0.4766-0.1972i	1.1619+0.2137i	-2.0540-0.8422i
15.7	0.7276+0.0260i	50.7816+8.1799i	-0.3715-0.1742i	1.0730+0.1991i	-0.2782-0.7688i	-0.4491-0.1787i	1.1010+0.2021i	-1.9041-0.7402i
15.8	0.6851+0.0240i	47.9333+8.2308i	-0.3355-0.1500i	0.9859+0.2068i	-0.2853-0.6373i	-0.4086-0.1558i	1.0129+0.2016i	-1.8340-0.6343i
15.9	0.6645+0.0233i	46.3797+8.4707i	-0.3133-0.1202i	0.9345+0.2170i	-0.2188-0.5195i	-0.3836-0.1307i	0.9571+0.2121i	-1.7635-0.5203i
16.0	0.6093-0.0143i	43.5242+7.5066i	-0.2910-0.0985i	0.8413+0.2024i	-0.2038-0.4902i	-0.3576-0.1148i	0.8651+0.2012i	-1.6450-0.4535i
16.1	0.5800-0.0601i	41.7111+6.6532i	-0.2632-0.0981i	0.7825+0.1629i	-0.1525-0.5556i	-0.3241-0.1143i	0.8103+0.1621i	-1.5438-0.4370i
16.2	0.5415-0.0960i	40.7314+6.2865i	-0.2453-0.1059i	0.7343+0.1438i	-0.1237-0.5887i	-0.3038-0.1177i	0.7556+0.1368i	-1.4588-0.4058i
16.3	0.4977-0.1128i	38.9853+6.8654i	-0.2455-0.1045i	0.6961+0.1469i	-0.1255-0.5727i	-0.3069-0.1142i	0.7124+0.1429i	-1.3889-0.3579i
16.4	0.4549-0.1519i	37.3939+6.8125i	-0.2374-0.0970i	0.6501+0.1182i	-0.1551-0.5463i	-0.2973-0.1089i	0.6653+0.1124i	-1.3404-0.2702i
16.5	0.3654-0.1635i	36.4124+6.3083i	-0.2306-0.0999i	0.5620+0.1010i	-0.2354-0.6010i	-0.2812-0.1084i	0.5766+0.0931i	-1.2494-0.3021i
16.6	0.3045-0.1442i	35.6222+6.1303i	-0.2280-0.1009i	0.4978+0.1116i	-0.2677-0.5919i	-0.2745-0.1082i	0.5135+0.1046i	-1.1675-0.3250i
16.7	0.2415-0.1381i	34.6638+5.0683i	-0.2253-0.1023i	0.4397+0.0674i	-0.3170-0.5816i	-0.2662-0.1101i	0.4565+0.0634i	-1.0915-0.3162i
16.8	0.1922-0.0949i	32.5219+5.5166i	-0.2329-0.0894i	0.3509+0.1065i	-0.4192-0.4599i	-0.2715-0.0915i	0.3605+0.0993i	-1.0678-0.2995i
16.9	0.1891-0.1014i	31.7146+5.0195i	-0.2250-0.0797i	0.3130+0.0980i	-0.4177-0.3979i	-0.2579-0.0804i	0.3182+0.0891i	-1.0530-0.2368i
17.0	0.1691-0.0828i	30.5254+4.5053i	-0.2107-0.0778i	0.2573+0.0802i	-0.3711-0.3862i	-0.2396-0.0857i	0.2654+0.0759i	-0.9620-0.2572i
17.1	0.1295-0.0603i	29.3186+4.7882i	-0.2106-0.0754i	0.1871+0.0889i	-0.3926-0.3497i	-0.2312-0.0843i	0.1978+0.0817i	-0.8946-0.2835i
17.2	0.1018-0.0454i	28.8292+4.5852i	-0.2181-0.0706i	0.1514+0.0951i	-0.4473-0.2917i	-0.2336-0.0776i	0.1591+0.0880i	-0.8968-0.2677i
17.3	0.0691-0.0142i	26.1630+4.2914i	-0.2176-0.0805i	0.0256+0.1085i	-0.4723-0.3298i	-0.2255-0.0880i	0.0336+0.1086i	-0.8151-0.3618i
17.4	0.0521-0.0060i	25.1962+4.0171i	-0.2126-0.0897i	-0.0137+0.1024i	-0.4734-0.4023i	-0.2181-0.0982i	-0.0066+0.1049i	-0.7697-0.4360i
17.5	0.0397-0.0098i	23.9189+3.7292i	-0.2219-0.0932i	-0.0830+0.0960i	-0.5434-0.4435i	-0.2189-0.1014i	-0.0744+0.1000i	-0.7845-0.4657i
17.6	0.0082+0.0151i	21.3053+3.4684i	-0.2451-0.0869i	-0.2384+0.1128i	-0.7124-0.3755i	-0.2248-0.1024i	-0.2242+0.1105i	-0.8017-0.4671i
17.7	0.0081+0.0542i	19.1792+5.1648i	-0.2551-0.0772i	-0.3464+0.2217i	-0.7865-0.2495i	-0.2253-0.1024i	-0.3368+0.2204i	-0.8176-0.4843i
17.8	0.0003+0.0347i	19.8878+3.9016i	-0.2453-0.0884i	-0.3297+0.1452i	-0.7505-0.3549i	-0.2193-0.1056i	-0.3233+0.1500i	-0.7633-0.4979i
17.9	0.0178+0.0759i	17.5885+5.1381i	-0.2579-0.0738i	-0.4336+0.2589i	-0.7900-0.2326i	-0.2258-0.1081i	-0.4208+0.2626i	-0.7776-0.5334i
18.0	0.0231+0.1275i	14.7968+6.2212i	-0.2835-0.0624i	-0.5870+0.3639i	-0.9402-0.1427i	-0.2352-0.1106i	-0.5719+0.3645i	-0.8255-0.6006i
18.1	0.0205+0.1315i	13.3628+5.6268i	-0.2995-0.0702i	-0.6961+0.3276i	-1.0724-0.1614i	-0.2400-0.1126i	-0.6763+0.3280i	-0.8710-0.6051i
18.2	0.0079+0.1251i	10.8908+4.2881i	-0.3220-0.0878i	-0.8420+0.2915i	-1.2170-0.2347i	-0.2462-0.1236i	-0.8205+0.2967i	-0.8859-0.6531i

18.3	-0.0015+0.1366i	9.5594+3.6686i	-0.3354-0.0886i	-0.9487+0.2741i	-1.3187-0.2057i	-0.2467-0.1242i	-0.9299+0.2764i	-0.8745-0.6480i
18.4	0.0131+0.1170i	10.1662+4.6065i	-0.3332-0.0667i	-0.9417+0.3246i	-1.3511-0.1023i	-0.2437-0.1112i	-0.9178+0.3224i	-0.8986-0.5670i
18.5	0.0716+0.1427i	6.7265+10.5207i	-0.3755+0.0055i	-1.1010+0.7154i	-1.5413+0.4027i	-0.2746-0.0769i	-1.0721+0.7114i	-1.0561-0.4408i
18.6	0.0569+0.1765i	1.2744+8.4938i	-0.4105+0.0098i	-1.4970+0.7001i	-1.7730+0.5820i	-0.2693-0.0737i	-1.4661+0.6936i	-0.9532-0.3865i
18.7	0.0685+0.1826i	0.8822+8.3707i	-0.3831+0.0045i	-1.5409+0.7227i	-1.5795+0.5529i	-0.2414-0.0843i	-1.5144+0.7217i	-0.7827-0.4581i
18.8	0.1079+0.1587i	1.4758+9.1017i	-0.3736-0.0189i	-1.5568+0.7683i	-1.5203+0.3550i	-0.2315-0.1143i	-1.5246+0.7711i	-0.7812-0.6274i
18.9	0.1601+0.1389i	-0.1847+11.7004i	-0.3994-0.0008i	-1.6732+0.9615i	-1.6059+0.4519i	-0.2440-0.1135i	-1.6412+0.9622i	-0.8648-0.6531i
19.0	0.2345+0.1060i	-7.9299+17.5986i	-0.4722+0.0490i	-2.1280+1.4663i	-1.9236+0.8307i	-0.2738-0.1127i	-2.0961+1.4576i	-0.9999-0.7028i
19.1	0.2555+0.0802i	-11.7924+17.7644i	-0.5046+0.0540i	-2.4311+1.5674i	-2.1318+0.8972i	-0.2788-0.1262i	-2.3903+1.5592i	-0.9957-0.7192i
19.2	0.2636+0.0092i	-14.6316+20.4516i	-0.5358+0.0743i	-2.7223+1.8676i	-2.3112+1.0411i	-0.2857-0.1462i	-2.6763+1.8537i	-0.9697-0.7436i
19.3	0.3048-0.0717i	-20.7041+29.1038i	-0.6059+0.1459i	-3.1290+2.6442i	-2.5787+1.5624i	-0.3189-0.1651i	-3.0800+2.6248i	-1.0458-0.7978i
19.4	0.3122-0.1627i	-20.7918+38.8078i	-0.6312+0.2434i	-3.1026+3.5223i	-2.5508+2.1451i	-0.3552-0.1579i	-3.0520+3.4975i	-1.1652-0.7909i
19.5	0.2517-0.3323i	-16.4905+64.1707i	-0.6218+0.5117i	-2.3542+5.5849i	-2.1062+3.5439i	-0.4456-0.0934i	-2.3050+5.5335i	-1.4733-0.7227i
19.6	0.2101-0.3946i	-16.8484+68.9558i	-0.6355+0.5669i	-2.2300+6.1844i	-2.1431+3.8568i	-0.4769-0.0999i	-2.1863+6.1231i	-1.5789-0.8033i
19.7	0.0573-0.4530i	8.7765+77.3256i	-0.3959+0.6994i	0.0369+6.5053i	-0.6662+4.1879i	-0.4762+0.0270i	0.0658+6.4365i	-1.7084-0.3949i
19.8	-0.1729-0.5307i	32.4151+90.7147i	-0.1633+0.8770i	2.4632+7.1801i	0.8298+4.8138i	-0.5013+0.1692i	2.4781+7.1012i	-1.8779+0.0535i
19.9	-0.2723-0.6116i	30.7516+97.1158i	-0.1804+0.9655i	2.7754+8.0570i	0.8050+5.3527i	-0.5686+0.1687i	2.7974+7.9697i	-2.0487-0.0169i
20.0	-0.4824-0.5037i	54.1333+87.7135i	0.0827+0.9160i	4.7002+6.7995i	2.1149+4.7782i	-0.4699+0.2740i	4.6886+6.7060i	-1.8333+0.3737i
20.1	-0.7082-0.4191i	68.6405+83.8149i	0.2697+0.9012i	6.2757+6.2150i	3.0889+4.5076i	-0.4213+0.3463i	6.2505+6.1182i	-1.7330+0.5356i
20.2	-0.8363-0.3575i	71.1352+83.2306i	0.3380+0.9084i	6.9480+6.1371i	3.4723+4.5273i	-0.4114+0.3696i	6.9158+6.0355i	-1.7175+0.5118i
20.3	-0.8821-0.2057i	72.5680+72.3515i	0.3983+0.7834i	7.1306+5.1112i	3.6495+3.8492i	-0.3629+0.3415i	7.0862+5.0176i	-1.5656+0.4272i
20.4	-0.9211-0.0771i	74.9135+63.3204i	0.4594+0.6760i	7.5176+4.0861i	3.9083+3.2346i	-0.3287+0.3394i	7.4591+4.0012i	-1.4860+0.4228i
20.5	-0.9757+0.0690i	79.6994+57.2464i	0.5273+0.5912i	8.1207+3.0681i	4.2630+2.7150i	-0.3060+0.3538i	8.0470+2.9908i	-1.4781+0.5023i
20.6	-0.9297+0.3093i	85.2376+45.5906i	0.5931+0.4367i	8.3908+1.3186i	4.5477+1.7428i	-0.2444+0.3625i	8.3026+1.2615i	-1.4202+0.5906i
20.7	-0.8142+0.3226i	76.1068+38.4044i	0.4935+0.3417i	7.2947+0.7853i	3.8853+1.2937i	-0.2338+0.3079i	7.2166+0.7394i	-1.3317+0.4796i
20.8	-0.7908+0.4151i	72.8756+33.5844i	0.4609+0.2785i	7.0540+0.0941i	3.6777+0.9079i	-0.2358+0.2956i	6.9717+0.0526i	-1.3557+0.4840i
20.9	-0.7558+0.4798i	69.5071+30.6030i	0.4201+0.2491i	6.6626-0.3668i	3.3960+0.7867i	-0.2373+0.3011i	6.5798-0.3999i	-1.3509+0.5690i
21.0	-0.6494+0.5610i	66.7635+24.4679i	0.3795+0.1789i	5.9697-1.1588i	3.0689+0.3826i	-0.2122+0.2952i	5.8924-1.1740i	-1.2523+0.6425i
21.1	-0.6156+0.6124i	64.2804+21.2104i	0.3559+0.1382i	5.6064-1.6420i	2.9182+0.1129i	-0.2003+0.2913i	5.5308-1.6479i	-1.1547+0.6562i
21.2	-0.5508+0.6278i	60.5439+19.8121i	0.3192+0.1212i	5.0797-1.8369i	2.6547+0.0066i	-0.1938+0.2842i	5.0094-1.8319i	-1.0810+0.6329i
21.3	-0.5784+0.6419i	58.4293+20.7317i	0.3099+0.1326i	5.0792-1.7909i	2.6245+0.0484i	-0.2101+0.2885i	5.0115-1.7866i	-1.0847+0.6084i
21.4	-0.3846+0.7931i	58.8440+16.2146i	0.2940+0.0658i	4.2771-2.8658i	2.3713-0.3779i	-0.1569+0.3218i	4.2159-2.8479i	-0.9661+0.7590i
21.5	-0.3167+0.9230i	58.8230+16.2162i	0.3018+0.0512i	4.0215-3.4630i	2.3584-0.5163i	-0.1334+0.3606i	3.9661-3.4351i	-0.8965+0.8289i
21.6	-0.2699+0.9469i	56.7897+16.9268i	0.2768+0.0526i	3.6864-3.4372i	2.1992-0.4742i	-0.1290+0.3637i	3.6387-3.4065i	-0.8883+0.7812i
21.7	-0.1483+0.8843i	55.5058+15.1687i	0.2498+0.0414i	3.0744-3.3673i	2.0114-0.5228i	-0.1036+0.3494i	3.0332-3.3364i	-0.8135+0.7585i
21.8	-0.0501+0.7918i	53.5884+13.6346i	0.2221+0.0341i	2.4137-3.0629i	1.7492-0.5090i	-0.0725+0.3146i	2.3812-3.0317i	-0.7194+0.6733i
21.9	-0.0027+0.7899i	53.2462+14.3850i	0.2189+0.0413i	2.2182-2.9931i	1.7090-0.4549i	-0.0653+0.3158i	2.1902-2.9580i	-0.7250+0.6597i
22.0	0.0525+0.6847i	52.4791+12.8771i	0.2080+0.0326i	1.9022-2.7433i	1.6134-0.4721i	-0.0468+0.2930i	1.8785-2.7200i	-0.6979+0.6395i
22.1	0.0707+0.6008i	50.4106+11.3454i	0.1844+0.0195i	1.5863-2.5337i	1.4585-0.4833i	-0.0345+0.2717i	1.5707-2.5143i	-0.6241+0.6160i
22.2	0.2010+0.6035i	51.2787+11.6712i	0.1848+0.0244i	1.0629-2.5839i	1.3764-0.4604i	0.0053+0.2840i	1.0505-2.5577i	-0.5270+0.6672i
22.3	0.2339+0.5605i	50.6773+10.8430i	0.1796+0.0182i	0.8195-2.4656i	1.2805-0.4653i	0.0179+0.2694i	0.8065-2.4444i	-0.4723+0.6508i
22.4	0.2381+0.4972i	49.5924+10.0236i	0.1677+0.0086i	0.6509-2.2840i	1.1756-0.4812i	0.0248+0.2581i	0.6437-2.2656i	-0.4178+0.6211i
22.5	0.1938+0.5427i	48.4514+10.9586i	0.1521+0.0175i	0.7403-2.3473i	1.1305-0.4505i	0.0096+0.2712i	0.7401-2.3295i	-0.4524+0.6170i
22.6	0.2110+0.5585i	48.7783+11.1550i	0.1713+0.0079i	0.7169-2.5422i	1.1880-0.5575i	0.0264+0.2874i	0.7158-2.5222i	-0.4178+0.6458i
22.7	0.2977+0.4786i	48.9959+10.2595i	0.1676+0.0015i	0.3310-2.3133i	1.1073-0.5338i	0.0575+0.2652i	0.3289-2.2971i	-0.3308+0.6065i
22.8	0.2805+0.4280i	47.8276+8.9180i	0.1422-0.0144i	0.1565-2.1377i	0.9279-0.5233i	0.0568+0.2399i	0.1512-2.1234i	-0.2988+0.5538i
22.9	0.2685+0.4479i	47.4136+8.7408i	0.1397-0.0230i	0.2173-2.3045i	0.9492-0.5976i	0.0601+0.2639i	0.2123-2.2919i	-0.3021+0.5919i
23.0	0.2668+0.4678i	46.7615+9.5891i	0.1242-0.0247i	0.2587-2.3250i	0.8982-0.6051i	0.0479+0.2684i	0.2593-2.3115i	-0.3647+0.5693i
23.1	0.3339+0.4382i	46.4794+9.1479i	0.1203-0.0232i	-0.2755-2.1843i	0.7818-0.5528i	0.1086+0.2505i	-0.2755-2.1711i	-0.1776+0.5240i
23.2	0.3898+0.3582i	46.9441+8.2017i	0.1300-0.0289i	-0.5427-1.9101i	0.7804-0.5430i	0.1472+0.2130i	-0.5411-1.9039i	-0.0740+0.4397i
23.3	0.4109+0.2262i	46.3559+7.2311i	0.1179-0.0151i	-0.6850-1.2868i	0.6960-0.3845i	0.1385+0.1471i	-0.6769-1.2884i	-0.0905+0.2904i
23.4	0.3950+0.1810i	45.7584+7.1990i	0.1006-0.0097i	-0.6914-1.1388i	0.5919-0.3124i	0.1267+0.1440i	-0.6856-1.1414i	-0.1485+0.3067i
23.5	0.3876+0.1490i	45.1351+7.0249i	0.0807-0.0031i	-0.7010-1.0178i	0.5113-0.2561i	0.1191+0.1389i	-0.6963-1.0163i	-0.1797+0.3102i
23.6	0.3768+0.1160i	44.3987+7.3326i	0.0811+0.0017i	-0.6466-0.8454i	0.5664-0.2133i	0.1218+0.1212i	-0.6513-0.8399i	-0.1684+0.2359i
23.7	0.3760+0.0637i	44.3342+7.1786i	0.0868-0.0041i	-0.6556-0.6318i	0.6153-0.2131i	0.1280+0.0935i	-0.6608-0.6274i	-0.1477+0.1499i
23.8	0.3329+0.0375i	43.6699+7.2416i	0.0815+0.0123i	-0.5703-0.4657i	0.5919-0.1055i	0.1144+0.0866i	-0.5706-0.4632i	-0.1651+0.1411i
23.9	0.2751-0.0261i	43.3630+5.8409i	0.0770+0.0064i	-0.4939-0.2521i	0.5587-0.0711i	0.1061+0.0686i	-0.4877-0.2487i	-0.1757+0.1279i
24.0	0.2539-0.0346i	43.2488+5.5622i	0.0723+0.0064i	-0.4577-0.2026i	0.5624-0.0634i	0.1034+0.0577i	-0.4515-0.2023i	-0.1905+0.1018i
24.1	0.2243-0.0436i	42.6713+6.1003i	0.0689+0.0054i	-0.3992-0.1493i	0.5530-0.0699i	0.0917+0.0460i	-0.3930-0.1523i	-0.2012+0.0462i
24.2	0.1811-0.0689i	42.3819+5.6016i	0.0699-0.0118i	-0.2980-0.1211i	0.5464-0.1092i	0.0824+0.0412i	-0.2975-0.1239i	-0.2137+0.0386i
24.3	0.1731-0.0764i	42.1472+5.5931i	0.0720-0.0035i	-0.1932-0.0833i	0.5649-0.0607i	0.0689+0.0407i	-0.1918-0.0808i	-0.2554+0.0515i
24.4	0.1268-0.0820i	41.6346+5.7119i	0.0708+0.0095i	-0.1124-0.0271i	0.5871-0.0170i	0.0681+0.0413i	-0.1106-0.0213i	-0.2476+0.0482i
24.5	0.0962-0.0970i	41.4484+5.4187i	0.0720-0.0067i	-0.0894+0.0154i	0.6042-0.0945i	0.0701+0.0260i	-0.0905+0.0189i	-0.2248-0.0155i

24.6	0.0653-0.0903i	41.1024+5.6395i	0.0775-0.0099i	-0.0208+0.0029i	0.6155-0.1108i	0.0588+0.0188i	-0.0177+0.0049i	-0.2312-0.0248i
24.7	0.0678-0.1263i	41.4768+5.1225i	0.0655-0.0057i	-0.0497+0.0431i	0.5794-0.1040i	0.0548+0.0198i	-0.0483+0.0475i	-0.2978+0.0386i
24.8	0.0429-0.1078i	40.8184+4.9286i	0.0520-0.0097i	0.0115+0.0308i	0.5223-0.1089i	0.0402+0.0145i	0.0136+0.0372i	-0.3156-0.0036i
24.9	0.0191-0.1116i	40.6626+5.0029i	0.0529-0.0094i	0.0530+0.0406i	0.5288-0.1199i	0.0336+0.0097i	0.0538+0.0461i	-0.3114-0.0216i
25.0	-0.0046-0.0831i	39.8023+5.4159i	0.0390+0.0025i	0.1470+0.0205i	0.4707-0.0289i	0.0078+0.0240i	0.1450+0.0224i	-0.3822+0.0086i
25.1	-0.0162-0.0772i	39.6325+5.2848i	0.0388+0.0164i	0.1712+0.0308i	0.4678+0.0375i	0.0059+0.0384i	0.1738+0.0246i	-0.3711+0.0501i
25.2	-0.0366-0.1012i	39.8524+4.8479i	0.0472+0.0127i	0.1661+0.0527i	0.4875+0.0064i	0.0269+0.0369i	0.1666+0.0444i	-0.3270+0.0934i
25.3	-0.0521-0.1010i	39.9224+4.9796i	0.0480+0.0191i	0.1701+0.0280i	0.4972-0.0156i	0.0321+0.0307i	0.1661+0.0254i	-0.3127+0.0953i
25.4	-0.0770-0.1168i	39.8336+4.6513i	0.0445+0.0226i	0.1721+0.0686i	0.4739-0.0295i	0.0308+0.0295i	0.1690+0.0712i	-0.3008+0.1263i
25.5	-0.1030-0.0772i	39.0651+4.8206i	0.0322+0.0066i	0.2342+0.0407i	0.4253-0.0759i	0.0093+0.0153i	0.2350+0.0407i	-0.3206+0.0346i
25.6	-0.1046-0.0801i	39.1267+4.3767i	0.0375+0.0009i	0.2278+0.0527i	0.4478-0.0663i	0.0118+0.0180i	0.2288+0.0528i	-0.3076+0.0624i
25.7	-0.1302-0.0887i	39.2871+4.1794i	0.0495+0.0040i	0.2106+0.0689i	0.4826-0.0564i	0.0314+0.0209i	0.2119+0.0645i	-0.2316+0.0856i
25.8	-0.1364-0.0688i	39.1433+4.5459i	0.0561+0.0101i	0.2215+0.0526i	0.4823-0.0544i	0.0366+0.0176i	0.2125+0.0520i	-0.1963+0.0601i
25.9	-0.1593-0.0563i	38.6587+4.4165i	0.0543+0.0048i	0.2437+0.0584i	0.4585-0.0562i	0.0363+0.0078i	0.2338+0.0587i	-0.1551+0.0146i
26.0	-0.1472-0.0421i	38.4656+4.7763i	0.0475+0.0138i	0.2573+0.0349i	0.4364+0.0002i	0.0257+0.0174i	0.2501+0.0264i	-0.2064+0.0000i
26.1	-0.1380-0.0529i	38.7846+4.5450i	0.0458+0.0064i	0.2391+0.0449i	0.4074-0.0507i	0.0203+0.0087i	0.2287+0.0388i	-0.2348+0.0142i
26.2	-0.1364-0.0538i	39.0533+4.3699i	0.0323-0.0007i	0.2269+0.0447i	0.3609-0.0833i	0.0181+0.0078i	0.2131+0.0417i	-0.2707+0.0106i
26.3	-0.1484-0.0458i	39.0018+4.2397i	0.0396-0.0088i	0.2232+0.0541i	0.3534-0.0983i	0.0241-0.0014i	0.2185+0.0539i	-0.2255-0.0116i
26.4	-0.1828-0.0371i	38.3935+3.7854i	0.0445-0.0072i	0.2487+0.0709i	0.3104-0.0574i	0.0256-0.0089i	0.2466+0.0752i	-0.1152-0.0260i
26.5	-0.1873-0.0336i	38.3772+3.8687i	0.0433-0.0028i	0.2508+0.0745i	0.3059-0.0433i	0.0311-0.0131i	0.2473+0.0792i	-0.0860-0.0445i
26.6	-0.1923-0.0264i	38.0926+3.9023i	0.0375+0.0012i	0.2498+0.0774i	0.2790+0.0137i	0.0257-0.0105i	0.2531+0.0774i	-0.0853-0.0680i
26.7	-0.1772-0.0307i	38.1319+4.2936i	0.0364-0.0006i	0.2382+0.0637i	0.3198+0.0526i	0.0248-0.0027i	0.2399+0.0577i	-0.1269-0.0638i
26.8	-0.1862-0.0408i	38.3536+3.9140i	0.0327+0.0023i	0.2372+0.0711i	0.2759+0.0434i	0.0193-0.0002i	0.2427+0.0728i	-0.0894-0.0268i
26.9	-0.2151-0.0233i	37.9379+3.3230i	0.0270+0.0039i	0.2651+0.0852i	0.2136+0.1137i	0.0129-0.0055i	0.2688+0.0928i	-0.0022-0.0988i
27.0	-0.2357-0.0300i	37.6595+2.9000i	0.0282-0.0002i	0.2887+0.1016i	0.1805+0.1591i	0.0134-0.0109i	0.2870+0.1058i	0.0719-0.1466i
27.1	-0.2307-0.0286i	37.5710+3.1019i	0.0184+0.0073i	0.2714+0.0831i	0.1608+0.1786i	0.0089+0.0007i	0.2667+0.0825i	0.0060-0.1771i
27.2	-0.2321-0.0139i	37.6799+2.7540i	0.0171+0.0136i	0.2493+0.0997i	0.1360+0.2034i	0.0170-0.0075i	0.2453+0.0944i	0.0509-0.2112i
27.3	-0.2343-0.0108i	37.5434+3.5127i	0.0307+0.0234i	0.2453+0.1005i	0.2497+0.2465i	0.0222-0.0019i	0.2437+0.0952i	-0.0064-0.2089i
27.4	-0.2408-0.0238i	37.8257+3.3128i	0.0305+0.0168i	0.2338+0.1133i	0.2274+0.2557i	0.0251-0.0075i	0.2285+0.1130i	0.0099-0.2348i
27.5	-0.2311-0.0293i	37.2603+2.8761i	0.0199+0.0179i	0.2242+0.1555i	0.1787+0.3535i	0.0118-0.0081i	0.2215+0.1524i	-0.0073-0.3495i
27.6	-0.2350-0.0404i	36.7900+2.2153i	0.0064+0.0130i	0.2236+0.2025i	0.1382+0.4087i	-0.0009-0.0193i	0.2202+0.1947i	-0.0068-0.4818i
27.7	-0.2540-0.0408i	37.2808+1.8288i	0.0040+0.0086i	0.2206+0.2229i	0.1282+0.4078i	0.0084-0.0303i	0.2158+0.2195i	0.0482-0.5321i
27.8	-0.2683-0.0497i	37.7220+1.8464i	0.0117+0.0119i	0.2229+0.2212i	0.1613+0.4252i	0.0173-0.0158i	0.2247+0.2249i	0.0229-0.5133i
27.9	-0.2649-0.0772i	37.2608+1.1899i	0.0085+0.0154i	0.2590+0.2830i	0.1861+0.5213i	0.0043-0.0149i	0.2583+0.2809i	-0.0377-0.5804i
28.0	-0.2872-0.0753i	36.5006+1.3921i	0.0235+0.0220i	0.3256+0.3028i	0.3420+0.5715i	0.0065-0.0172i	0.3183+0.3022i	-0.1296-0.6074i
28.1	-0.3107-0.0606i	36.6665+2.1240i	0.0346+0.0123i	0.3744+0.2583i	0.4629+0.4543i	0.0159-0.0233i	0.3652+0.2624i	-0.1839-0.5489i
28.2	-0.3379-0.0456i	36.0305+2.5600i	0.0456+0.0167i	0.4241+0.2385i	0.5954+0.4406i	0.0263-0.0230i	0.4196+0.2416i	-0.2848-0.5117i
28.3	-0.3462-0.0458i	35.9377+1.9081i	0.0390+0.0084i	0.4332+0.2478i	0.5725+0.4236i	0.0251-0.0337i	0.4280+0.2502i	-0.2853-0.5682i
28.4	-0.3764-0.0413i	35.5596+2.0884i	0.0212+0.0064i	0.4671+0.2198i	0.5393+0.3940i	0.0074-0.0222i	0.4659+0.2211i	-0.4055-0.5245i
28.5	-0.4042-0.0386i	35.5781+2.2602i	0.0145+0.0058i	0.4713+0.1966i	0.5463+0.3506i	0.0113-0.0237i	0.4686+0.1954i	-0.4046-0.4946i
28.6	-0.4171-0.0293i	35.4859+2.3757i	0.0161+0.0066i	0.4766+0.1861i	0.5627+0.3164i	0.0140-0.0298i	0.4734+0.1874i	-0.3921-0.4625i
28.7	-0.4341-0.0294i	35.0333+2.1358i	0.0022+0.0033i	0.4958+0.1824i	0.5331+0.3194i	0.0004-0.0280i	0.4887+0.1866i	-0.4381-0.4459i
28.8	-0.4466-0.0158i	35.3435+2.6776i	0.0012+0.0067i	0.4885+0.1297i	0.5004+0.2491i	0.0024-0.0227i	0.4847+0.1365i	-0.4432-0.3709i
28.9	-0.4584+0.0012i	35.4983+2.9280i	0.0095+0.0134i	0.4810+0.1091i	0.5319+0.2198i	0.0213-0.0221i	0.4776+0.1137i	-0.3984-0.3355i
29.0	-0.4776-0.0002i	35.2115+2.7571i	0.0013-0.0060i	0.4850+0.1160i	0.5232+0.1598i	0.0222-0.0330i	0.4843+0.1253i	-0.3916-0.3938i
29.1	-0.4953+0.0254i	34.8334+3.0151i	-0.0104-0.0070i	0.5005+0.1054i	0.4927+0.1553i	0.0048-0.0312i	0.5004+0.1096i	-0.4424-0.3797i
29.2	-0.5179+0.0193i	35.0771+3.0124i	-0.0132+0.0060i	0.4896+0.0861i	0.4495+0.1934i	0.0156-0.0171i	0.4854+0.0897i	-0.4130-0.3158i
29.3	-0.5599+0.0315i	35.2152+3.0227i	-0.0020+0.0156i	0.4825+0.0897i	0.4774+0.2218i	0.0398-0.0284i	0.4785+0.0922i	-0.3156-0.2995i
29.4	-0.6016+0.0247i	35.1428+3.0023i	-0.0072+0.0208i	0.4865+0.0968i	0.4542+0.2349i	0.0427-0.0289i	0.4865+0.1009i	-0.2903-0.2928i
29.5	-0.5730+0.0327i	35.7423+2.8119i	-0.0286-0.0058i	0.4559+0.0981i	0.3518+0.1393i	0.0262-0.0480i	0.4525+0.1022i	-0.3001-0.3593i
29.6	-0.5949+0.0530i	35.4014+3.1435i	-0.0267-0.0079i	0.4647+0.0812i	0.3786+0.1278i	0.0356-0.0536i	0.4578+0.0886i	-0.2818-0.3508i
29.7	-0.6288+0.0841i	35.2546+3.3150i	-0.0322+0.0069i	0.4745+0.0787i	0.3733+0.1880i	0.0413-0.0513i	0.4696+0.0818i	-0.2572-0.3107i
29.8	-0.6573+0.1131i	35.0543+3.3667i	-0.0265+0.0165i	0.4654+0.0640i	0.3734+0.2113i	0.0565-0.0446i	0.4635+0.0628i	-0.1977-0.3166i
29.9	-0.7001+0.1257i	35.2909+3.2213i	-0.0134+0.0566i	0.4724+0.0515i	0.4083+0.3270i	0.0844-0.0064i	0.4694+0.0492i	-0.0853-0.2094i
30.0	-0.7300+0.1237i	35.3429+3.2038i	-0.0447+0.0463i	0.4660+0.0632i	0.3028+0.3005i	0.0727-0.0220i	0.4650+0.0595i	-0.1454-0.2186i
30.1	-0.7444+0.1308i	35.3677+3.0393i	-0.0536+0.0301i	0.4467+0.0735i	0.2645+0.2530i	0.0740-0.0466i	0.4414+0.0725i	-0.1345-0.2894i
30.2	-0.7567+0.1477i	35.6966+2.9883i	-0.0610+0.0321i	0.4234+0.0655i	0.2294+0.2711i	0.0794-0.0447i	0.4195+0.0648i	-0.1104-0.2849i
30.3	-0.8211+0.1497i	35.7593+2.5266i	-0.0695+0.0587i	0.4183+0.0890i	0.1904+0.3575i	0.1047-0.0290i	0.4169+0.0806i	-0.0484-0.2223i
30.4	-0.8625+0.1720i	35.5796+2.5342i	-0.0671+0.0629i	0.4054+0.1095i	0.2097+0.3518i	0.1267-0.0591i	0.4095+0.1077i	0.0315-0.2750i
30.5	-0.8951+0.2099i	35.7677+2.7283i	-0.0949+0.0463i	0.3781+0.1012i	0.1440+0.3158i	0.1234-0.0779i	0.3824+0.1005i	0.0349-0.3493i
30.6	-0.9313+0.2575i	35.9203+2.7546i	-0.1011+0.0591i	0.3733+0.1046i	0.1105+0.3388i	0.1334-0.0919i	0.3762+0.0994i	0.0744-0.3893i
30.7	-0.9764+0.3404i	35.8521+2.7663i	-0.0930+0.0817i	0.3698+0.1115i	0.1326+0.4128i	0.1597-0.1149i	0.3690+0.1074i	0.1667-0.4329i
30.8	-0.9869+0.3784i	36.0436+2.6491i	-0.0936+0.0732i	0.3612+0.1340i	0.1271+0.3765i	0.1693-0.1438i	0.3620+0.1295i	0.2241-0.5116i

30.9	-1.0313+0.3901i	36.2429+2.2925i	-0.1173+0.0830i	0.3431+0.1612i	0.0445+0.3915i	0.1773-0.1471i	0.3445+0.1575i	0.2698-0.5278i
31.0	-1.0989+0.4913i	36.1169+2.1041i	-0.1200+0.0938i	0.3508+0.1953i	0.0026+0.4232i	0.1849-0.1943i	0.3523+0.1977i	0.3530-0.6347i
31.1	-1.1341+0.5968i	36.1005+2.1593i	-0.1364+0.1007i	0.3407+0.2233i	-0.0359+0.4381i	0.1885-0.2464i	0.3381+0.2205i	0.3873-0.7579i
31.2	-1.1991+0.6607i	36.1928+1.8522i	-0.1522+0.1360i	0.3324+0.2998i	-0.0670+0.5001i	0.2023-0.2887i	0.3251+0.2914i	0.4711-0.8355i
31.3	-1.1791+0.8006i	36.4930+1.6106i	-0.1537+0.1516i	0.3224+0.3485i	-0.0522+0.5191i	0.1934-0.3679i	0.3127+0.3418i	0.4976-1.0264i
31.4	-1.1821+0.8933i	36.5479+1.3721i	-0.1785+0.1966i	0.3082+0.4116i	-0.1366+0.6023i	0.1812-0.4132i	0.3075+0.4067i	0.4668-1.1169i
31.5	-1.1693+1.0471i	36.5470+0.8525i	-0.1780+0.2615i	0.3462+0.5171i	-0.1676+0.7197i	0.1595-0.4885i	0.3407+0.5089i	0.4819-1.3100i
31.6	-1.1334+1.2065i	36.2897+0.7665i	-0.1481+0.3109i	0.4536+0.5748i	-0.1820+0.8359i	0.0994-0.5499i	0.4498+0.5712i	0.4207-1.4833i
31.7	-0.9861+1.2855i	35.9257+0.6116i	-0.1000+0.3631i	0.5829+0.6580i	-0.1616+0.8956i	-0.0008-0.5782i	0.5810+0.6536i	0.2530-1.5799i
31.8	-0.8591+1.3678i	35.5290+0.2522i	-0.0472+0.3930i	0.7296+0.7036i	-0.1727+0.9744i	-0.1026-0.6026i	0.7262+0.6943i	0.1133-1.7046i
31.9	-0.8073+1.4342i	35.3968-0.0525i	0.0085+0.3886i	0.8505+0.6811i	-0.1618+1.0458i	-0.1584-0.6135i	0.8378+0.6738i	0.0991-1.8216i
32.0	-0.7544+1.4935i	35.1504-0.2061i	0.0630+0.3842i	0.9947+0.5905i	-0.1834+1.2227i	-0.2293-0.5706i	0.9782+0.5799i	-0.0036-1.9007i
32.1	-0.7270+1.5124i	35.0251-0.3899i	0.0864+0.3577i	1.0730+0.5090i	-0.1838+1.2783i	-0.2710-0.5402i	1.0620+0.4920i	-0.0745-1.9592i
32.2	-0.6652+1.6182i	34.5194-0.5136i	0.1320+0.3308i	1.1775+0.4068i	-0.1286+1.3674i	-0.3305-0.5324i	1.1655+0.3890i	-0.1877-2.1012i
32.3	-0.5717+1.7173i	34.1979-0.5407i	0.1415+0.3187i	1.2130+0.3272i	-0.0970+1.4909i	-0.3771-0.5201i	1.1950+0.3168i	-0.3459-2.2137i
32.4	-0.3726+1.8147i	33.8295-0.3013i	0.1944+0.2954i	1.2873+0.1916i	0.0584+1.6203i	-0.4577-0.4735i	1.2658+0.1884i	-0.6117-2.2837i
32.5	-0.2257+1.8254i	33.7340-0.2454i	0.2248+0.2813i	1.3207+0.0618i	0.1623+1.7380i	-0.5100-0.3888i	1.2959+0.0618i	-0.8076-2.2103i
32.6	-0.0487+1.8185i	33.5112-0.2172i	0.2354+0.2674i	1.3147-0.0399i	0.2666+1.8360i	-0.5545-0.3181i	1.2805-0.0376i	-1.0129-2.1461i
32.7	0.1315+1.8277i	32.6964-0.1386i	0.2510+0.2453i	1.2527-0.1629i	0.4901+1.9680i	-0.5353-0.2499i	1.2212-0.1605i	-1.1576-2.0898i
32.8	0.3093+1.7114i	32.4666+0.8953i	0.2394+0.1925i	1.1262-0.2875i	0.7197+1.9248i	-0.4971-0.1814i	1.0992-0.2823i	-1.2735-1.9139i
32.9	0.4445+1.5956i	32.3720+1.5597i	0.2656+0.1976i	1.0508-0.2884i	0.9938+1.9082i	-0.4383-0.1536i	1.0187-0.2762i	-1.3020-1.7661i
33.0	0.5473+1.4687i	32.7793+2.0539i	0.2939+0.1169i	1.0047-0.3877i	1.1866+1.6522i	-0.4292-0.1181i	0.9688-0.3710i	-1.2986-1.6377i
33.1	0.6229+1.3825i	32.6005+2.1590i	0.3025+0.0415i	0.9663-0.4255i	1.3233+1.4813i	-0.4237-0.1339i	0.9393-0.3985i	-1.3742-1.6550i
33.2	0.6110+1.2987i	32.8484+2.0636i	0.2664+0.0216i	0.9033-0.3846i	1.3651+1.4032i	-0.3942-0.1647i	0.8831-0.3541i	-1.4037-1.7249i
33.3	0.6379+1.2666i	32.4927+1.7772i	0.2381+0.0051i	0.8531-0.3816i	1.3668+1.3591i	-0.3783-0.1669i	0.8237-0.3506i	-1.4355-1.7593i
33.4	0.7006+1.2125i	32.0492+2.1389i	0.2264-0.0204i	0.8209-0.4023i	1.4366+1.2667i	-0.3945-0.1685i	0.7891-0.3652i	-1.5387-1.7115i
33.5	0.6982+1.0992i	32.7156+2.5857i	0.1827-0.0478i	0.7702-0.3676i	1.4551+1.0469i	-0.4144-0.1861i	0.7429-0.3326i	-1.5965-1.6570i
33.6	0.6609+1.0010i	32.9811+2.6420i	0.1198-0.0511i	0.7303-0.3329i	1.3131+0.9158i	-0.4242-0.1896i	0.7158-0.3000i	-1.5836-1.6429i
33.7	0.6599+0.8690i	32.9206+3.5391i	0.0586-0.0761i	0.7322-0.3184i	1.1707+0.6348i	-0.4772-0.1943i	0.7269-0.2816i	-1.6834-1.5495i
33.8	0.6251+0.8085i	33.1248+4.0625i	-0.0082-0.1011i	0.7360-0.3153i	0.9605+0.4050i	-0.5198-0.2154i	0.7386-0.2727i	-1.7502-1.5373i
33.9	0.5838+0.7813i	33.5897+4.6878i	-0.0753-0.0751i	0.7311-0.3212i	0.7191+0.4118i	-0.5758-0.1997i	0.7500-0.2745i	-1.8941-1.4868i
34.0	0.4865+0.7664i	35.0786+4.6821i	-0.1633-0.0263i	0.6671-0.3569i	0.3882+0.4944i	-0.6041-0.1319i	0.6901-0.3199i	-1.8661-1.3622i
34.1	0.4638+0.7602i	35.8838+4.5945i	-0.2141+0.0127i	0.6242-0.3627i	0.2021+0.5621i	-0.6217-0.1023i	0.6473-0.3261i	-1.8619-1.2503i
34.2	0.4498+0.7561i	36.6605+3.9598i	-0.2028+0.1191i	0.5849-0.3104i	0.1378+0.8447i	-0.5905-0.0375i	0.6136-0.2881i	-1.7521-1.0726i
34.3	0.4598+0.7583i	37.1748+3.4364i	-0.2015+0.1956i	0.5557-0.2828i	0.1041+1.1331i	-0.5776+0.0161i	0.5743-0.2718i	-1.6908-0.9700i
34.4	0.4383+0.7984i	37.2397+2.3863i	-0.2041+0.2304i	0.5577-0.2493i	0.0358+1.2622i	-0.5795+0.0168i	0.5812-0.2342i	-1.6370-1.0737i
34.5	0.4494+0.7827i	37.2801+2.0780i	-0.1673+0.2705i	0.5732-0.2169i	0.0826+1.4067i	-0.5684+0.0298i	0.5998-0.2001i	-1.5643-1.1145i
34.6	0.4524+0.7824i	37.1135+1.6556i	-0.1583+0.3197i	0.5801-0.1919i	0.0825+1.6171i	-0.5601+0.0652i	0.5987-0.1896i	-1.5224-1.1494i
34.7	0.4659+0.8128i	36.7605+0.9411i	-0.1562+0.3800i	0.6135-0.1616i	0.0581+1.8062i	-0.5722+0.0929i	0.6367-0.1613i	-1.5294-1.2465i
34.8	0.4576+0.8076i	36.7217+0.7735i	-0.1028+0.4194i	0.6468-0.1400i	0.2022+2.0044i	-0.5494+0.1105i	0.6714-0.1420i	-1.5449-1.2896i
34.9	0.4413+0.8108i	36.9598+0.6355i	-0.0678+0.4614i	0.6541-0.1464i	0.3203+2.2139i	-0.5329+0.1367i	0.6767-0.1478i	-1.5685-1.3849i
35.0	0.4556+0.8129i	36.7799+0.4774i	-0.0387+0.4870i	0.6878-0.1664i	0.4571+2.3745i	-0.5347+0.1586i	0.7027-0.1690i	-1.6717-1.4391i
35.1	0.4564+0.8904i	36.5176-0.0996i	0.0217+0.5517i	0.7202-0.1921i	0.6840+2.6570i	-0.5330+0.1984i	0.7499-0.1934i	-1.8849-1.5646i
35.2	0.4867+0.9054i	36.0464-0.3142i	0.1090+0.5516i	0.7471-0.2197i	1.0237+2.7395i	-0.4953+0.1965i	0.7701-0.2289i	-2.0470-1.5892i
35.3	0.5322+0.9398i	35.7735-0.5492i	0.1809+0.5437i	0.7586-0.2449i	1.3439+2.7459i	-0.4660+0.1996i	0.7733-0.2533i	-2.1972-1.5915i
35.4	0.6113+0.9566i	35.5434-0.6434i	0.2174+0.5270i	0.7450-0.2734i	1.6336+2.6671i	-0.4586+0.2128i	0.7612-0.2819i	-2.4090-1.4787i
35.5	0.6661+0.9498i	35.1614-0.6700i	0.2693+0.5195i	0.7451-0.2927i	1.8787+2.5778i	-0.4272+0.2193i	0.7643-0.3018i	-2.5078-1.3544i
35.6	0.7027+0.9274i	34.9314-0.3979i	0.2861+0.5071i	0.7350-0.3095i	1.9961+2.4100i	-0.4274+0.2257i	0.7570-0.3238i	-2.5792-1.1665i
35.7	0.7758+0.8862i	34.7357-0.2454i	0.3364+0.4426i	0.7083-0.3366i	2.1413+2.1360i	-0.3986+0.2108i	0.7187-0.3573i	-2.5974-0.9739i
35.8	0.8203+0.8417i	34.6681-0.2340i	0.3529+0.4010i	0.6902-0.3311i	2.1941+1.9605i	-0.4008+0.2033i	0.7010-0.3624i	-2.6198-0.8528i
35.9	0.8703+0.7770i	34.6202+0.1023i	0.3440+0.4334i	0.6785-0.3321i	2.1862+1.8792i	-0.4147+0.2593i	0.6944-0.3583i	-2.5762-0.5583i
36.0	0.8913+0.7325i	34.5599+0.2907i	0.3544+0.4318i	0.6787-0.3471i	2.2196+1.8042i	-0.4168+0.2673i	0.6966-0.3663i	-2.5549-0.4451i
36.1	0.9260+0.6934i	34.3835+0.5333i	0.3390+0.3946i	0.6583-0.3665i	2.2053+1.6047i	-0.4234+0.2556i	0.6826-0.3857i	-2.5172-0.3181i
36.2	0.9288+0.6508i	34.8306+0.4335i	0.3530+0.4109i	0.6638-0.3534i	2.1395+1.5287i	-0.4014+0.2998i	0.6772-0.3856i	-2.3855-0.1627i
36.3	0.8983+0.6143i	35.1526+0.4618i	0.3792+0.4097i	0.6742-0.3426i	2.1250+1.4985i	-0.3723+0.2947i	0.6772-0.3746i	-2.2103-0.1487i
36.4	0.9293+0.5712i	35.3435+0.6808i	0.3751+0.4165i	0.6644-0.3578i	2.0904+1.4316i	-0.3769+0.3302i	0.6651-0.3928i	-2.0770+0.0118i
36.5	0.9704+0.5499i	35.2360+0.6316i	0.3873+0.3985i	0.6433-0.3950i	2.0671+1.4282i	-0.3544+0.3455i	0.6423-0.4293i	-1.9678+0.0710i
36.6	0.9825+0.5199i	35.1780+0.4023i	0.4422+0.3921i	0.6432-0.4125i	2.0802+1.4610i	-0.3055+0.3378i	0.6349-0.4539i	-1.7841+0.0535i
36.7	0.9956+0.4854i	35.0898+0.3036i	0.5299+0.3844i	0.6370-0.4225i	2.2076+1.5025i	-0.2276+0.3231i	0.6185-0.4634i	-1.5949-0.0104i
36.8	0.9913+0.4841i	35.1897+0.0720i	0.5418+0.3541i	0.6124-0.4244i	2.2703+1.4409i	-0.2040+0.2947i	0.5865-0.4634i	-1.5495-0.0861i
36.9	1.0153+0.4442i	35.0498+0.0154i	0.5457+0.2889i	0.5768-0.4499i	2.2600+1.3137i	-0.2304+0.2424i	0.5568-0.4851i	-1.4715-0.1897i
37.0	1.0379+0.3709i	34.8726-0.0887i	0.5691+0.2429i	0.5376-0.4570i	2.2654+1.2533i	-0.2142+0.2033i	0.5143-0.4870i	-1.3423-0.3275i
37.1	1.0404+0.3130i	34.7985+0.1457i	0.5911+0.1959i	0.5166-0.4465i	2.2764+1.1288i	-0.2015+0.1734i	0.4941-0.4716i	-1.2925-0.4583i

37.2	1.0353+0.3262i	34.5753-0.1295i	0.5893+0.2000i	0.5071-0.4124i	2.1835+1.1305i	-0.2284+0.1612i	0.4704-0.4410i	-1.3247-0.5949i
37.3	1.0284+0.2830i	34.3611-0.2100i	0.5611+0.1740i	0.4818-0.4135i	2.0804+1.1532i	-0.2513+0.1583i	0.4487-0.4330i	-1.3568-0.6704i
37.4	0.9967+0.2501i	34.5328-0.0253i	0.5272+0.1537i	0.4669-0.4020i	1.9655+1.1470i	-0.2822+0.1489i	0.4373-0.4121i	-1.3768-0.7392i
37.5	1.0077+0.1625i	34.4720+0.4217i	0.5193+0.1027i	0.4794-0.4057i	1.8893+1.1269i	-0.3341+0.1270i	0.4481-0.4062i	-1.3839-0.8233i
37.6	1.0116+0.1153i	34.5377+0.5201i	0.5346+0.1156i	0.4599-0.3936i	1.9260+1.2524i	-0.3351+0.1689i	0.4260-0.4025i	-1.3622-0.8479i
37.7	1.0329+0.1028i	34.6861+0.4059i	0.5514+0.1095i	0.4614-0.3675i	1.8818+1.3227i	-0.3225+0.1698i	0.4268-0.3734i	-1.3392-0.9181i
37.8	1.0353+0.0911i	34.5279+0.2968i	0.5363+0.1054i	0.4617-0.3616i	1.8764+1.3585i	-0.3402+0.1810i	0.4334-0.3628i	-1.3837-0.9649i
37.9	1.0093+0.0263i	34.3707+0.3763i	0.5037+0.0835i	0.4579-0.3624i	1.9063+1.4182i	-0.3638+0.1861i	0.4286-0.3582i	-1.3848-1.0559i
38.0	0.9705-0.0337i	34.8409+0.4318i	0.5349+0.0741i	0.4387-0.3430i	1.9128+1.4933i	-0.3337+0.1983i	0.4063-0.3359i	-1.3216-1.1596i
38.1	0.9805-0.0945i	35.0705+0.4696i	0.5586+0.0649i	0.4544-0.3334i	1.9023+1.4544i	-0.3286+0.2018i	0.4244-0.3315i	-1.2660-1.2906i
38.2	0.9135-0.0637i	35.1136+0.3632i	0.4953+0.0896i	0.4538-0.3148i	1.7908+1.6191i	-0.4069+0.2616i	0.4253-0.3163i	-1.3785-1.4503i
38.3	0.8669-0.0729i	34.9603+0.5992i	0.4868+0.1134i	0.4262-0.3005i	1.7996+1.7829i	-0.4010+0.3382i	0.4026-0.2986i	-1.4553-1.5115i
38.4	0.8706-0.0543i	34.4277+0.6100i	0.5026+0.1418i	0.4142-0.2767i	1.9034+1.8946i	-0.3639+0.3712i	0.3926-0.2764i	-1.5859-1.5388i
38.5	0.8690-0.0544i	34.5212+0.6228i	0.4621+0.1424i	0.4084-0.2870i	2.1183+1.9553i	-0.3758+0.4265i	0.3839-0.2856i	-1.7766-1.6227i
38.6	0.8596-0.0889i	34.7642+0.5351i	0.4998+0.1058i	0.4279-0.2773i	2.2802+2.1036i	-0.3172+0.4490i	0.4030-0.2629i	-1.9113-1.7868i
38.7	0.8432-0.1039i	35.0476+0.7275i	0.5141+0.1085i	0.4163-0.2286i	2.4174+2.1284i	-0.2580+0.4440i	0.3978-0.2201i	-1.9472-1.8394i
38.8	0.8442-0.1280i	34.8528+0.6184i	0.5495+0.1238i	0.4269-0.2120i	2.5413+2.2767i	-0.2198+0.4673i	0.4141-0.2100i	-2.0804-1.9421i
38.9	0.8562-0.1936i	34.9216+0.6485i	0.6020+0.1462i	0.4507-0.1926i	2.6381+2.3630i	-0.1650+0.4907i	0.4312-0.1839i	-2.1051-2.0463i
39.0	0.8406-0.2285i	34.7059+1.2053i	0.6168+0.0973i	0.4622-0.2080i	2.9986+2.3602i	-0.1019+0.4848i	0.4382-0.1995i	-2.4398-2.0203i
39.1	0.7854-0.2308i	34.6760+1.5260i	0.6107+0.0591i	0.4536-0.2194i	3.2883+2.2070i	-0.0524+0.4742i	0.4355-0.2084i	-2.7526-1.9643i
39.2	0.7107-0.2183i	34.9399+0.9110i	0.6259+0.0463i	0.4705-0.2111i	3.3543+2.0681i	0.0006+0.4295i	0.4548-0.1958i	-2.8642-1.9745i
39.3	0.7232-0.2226i	34.7738+1.3207i	0.6054+0.0198i	0.4865-0.1784i	3.4643+1.9913i	-0.0108+0.3633i	0.4681-0.1724i	-2.9477-1.8219i
39.4	0.7082-0.2339i	34.8673+1.5352i	0.6056-0.0134i	0.5044-0.1769i	3.6226+1.9056i	-0.0073+0.3198i	0.4858-0.1613i	-3.0854-1.7904i
39.5	0.6691-0.2273i	34.9432+1.6355i	0.6303-0.0126i	0.5263-0.1763i	3.7321+1.7023i	0.0269+0.2722i	0.5051-0.1594i	-3.2244-1.6049i
39.6	0.6384-0.2740i	35.3015+1.6336i	0.6558-0.0159i	0.5206-0.1832i	3.7694+1.5129i	0.0446+0.2470i	0.5044-0.1690i	-3.2238-1.5305i
39.7	0.6587-0.2391i	34.9459+1.7390i	0.6292-0.0201i	0.4820-0.1884i	3.7619+1.1916i	0.0163+0.2326i	0.4685-0.1705i	-3.1987-1.2091i
39.8	0.6771-0.1766i	35.0081+1.7775i	0.6307-0.0755i	0.4668-0.1319i	3.5558+0.9867i	0.0361+0.1968i	0.4562-0.1147i	-3.0661-1.2188i
39.9	0.7048-0.2104i	35.2777+1.9445i	0.6041-0.0835i	0.5009-0.0905i	3.4272+1.1682i	0.0504+0.1691i	0.4951-0.0790i	-3.1234-1.4214i
40.0	0.6427-0.2181i	35.5673+1.8070i	0.5653-0.1353i	0.5185-0.0989i	3.5665+1.3121i	0.0372+0.0969i	0.5125-0.0967i	-3.3991-1.3980i
40.1	0.6012-0.2297i	35.6200+1.8777i	0.6028-0.1563i	0.5281-0.1062i	3.5584+1.3157i	0.0533+0.0609i	0.5232-0.0962i	-3.4856-1.3731i
40.2	0.6681-0.2268i	35.6360+2.2277i	0.5978-0.1402i	0.5492-0.0977i	3.6571+1.3786i	0.0333+0.0632i	0.5469-0.0889i	-3.5324-1.2816i
40.3	0.7119-0.2429i	35.6292+2.2041i	0.6222-0.1838i	0.5834-0.0773i	3.7620+1.3886i	0.0150-0.0057i	0.5779-0.0729i	-3.6623-1.2507i
40.4	0.6676-0.2485i	35.8831+2.6574i	0.5884-0.2146i	0.5972-0.0999i	3.7998+1.2254i	-0.0179-0.0137i	0.5864-0.0916i	-3.7292-1.1358i
40.5	0.6964-0.2308i	36.3641+2.6185i	0.5704-0.1496i	0.6182-0.1080i	3.9367+1.1290i	-0.0490+0.0437i	0.6128-0.1064i	-3.8438-1.0326i
40.6	0.7231-0.2341i	36.0738+2.4081i	0.5792-0.1761i	0.6316-0.0814i	4.0430+1.0648i	-0.0639-0.0125i	0.6301-0.0821i	-3.9974-0.8771i
40.7	0.7019-0.2599i	36.1961+2.3234i	0.5278-0.2040i	0.6539-0.0616i	4.0295+0.9995i	-0.1203-0.0766i	0.6466-0.0696i	-3.9097-0.7048i
40.8	0.7609-0.3383i	36.4466+2.6249i	0.5698-0.1754i	0.6741-0.0740i	4.0530+0.9037i	-0.1160-0.0391i	0.6697-0.0747i	-3.7843-0.6687i
40.9	0.7219-0.3612i	36.5913+2.7359i	0.5334-0.2477i	0.7174-0.0580i	4.1648+0.9180i	-0.1736-0.1165i	0.7113-0.0553i	-3.8976-0.6507i
41.0	0.7471-0.3568i	36.7906+2.8505i	0.5115-0.2479i	0.7315-0.0672i	4.3139+0.9348i	-0.1901-0.1123i	0.7248-0.0701i	-3.9490-0.5824i
41.1	0.7642-0.3802i	37.2671+2.9229i	0.4625-0.2183i	0.7294-0.0879i	4.1592+0.7294i	-0.2477-0.0943i	0.7162-0.0903i	-3.7295-0.4565i
41.2	0.7217-0.4619i	37.0379+3.2724i	0.4624-0.2721i	0.7790-0.1055i	4.3298+0.6111i	-0.2812-0.1026i	0.7768-0.1075i	-3.8103-0.3272i
41.3	0.6829-0.4914i	37.2119+3.1481i	0.5068-0.2521i	0.7997-0.1442i	4.3477+0.5910i	-0.2709-0.0535i	0.7919-0.1503i	-3.8449-0.3795i
41.4	0.6557-0.5761i	37.7048+3.0837i	0.4574-0.2626i	0.8041-0.1815i	4.3626+0.5353i	-0.3206-0.0536i	0.7902-0.1884i	-3.9194-0.3789i
41.5	0.6218-0.5506i	37.9781+2.9631i	0.4544-0.2564i	0.7730-0.1405i	4.2634+0.5863i	-0.3063-0.0874i	0.7649-0.1417i	-3.9058-0.3343i
41.6	0.6280-0.5782i	37.9350+3.3118i	0.4351-0.2415i	0.7827-0.1190i	4.3628+0.4632i	-0.3286-0.0719i	0.7754-0.1140i	-3.8450-0.1980i
41.7	0.5392-0.6345i	38.3590+2.9360i	0.4101-0.2304i	0.8551-0.1188i	4.5756+0.4837i	-0.4137-0.0700i	0.8253-0.1180i	-4.0144-0.3137i
41.8	0.4499-0.7029i	38.4915+2.9454i	0.4086-0.2280i	0.8977-0.1023i	4.6614+0.4405i	-0.4426-0.0682i	0.8696-0.1011i	-4.0424-0.3544i
41.9	0.4022-0.7159i	38.6625+3.1251i	0.4268-0.2270i	0.9172-0.1259i	4.5914+0.2618i	-0.4496-0.0417i	0.8832-0.1232i	-4.0498-0.3126i
42.0	0.2975-0.7077i	39.1775+3.0776i	0.3965-0.2143i	0.9125-0.1708i	4.5040+0.1906i	-0.4776-0.0171i	0.8854-0.1704i	-4.0658-0.1908i
42.1	0.2965-0.6315i	39.0747+3.0291i	0.4266-0.1830i	0.9084-0.1733i	4.6127+0.1017i	-0.4663+0.0065i	0.8833-0.1786i	-4.0170-0.0081i
42.2	0.2897-0.7413i	38.8149+3.0852i	0.4633-0.2071i	0.9777-0.1199i	4.7978+0.1422i	-0.4822-0.0086i	0.9429-0.1224i	-4.0431-0.0105i
42.3	0.2575-0.6467i	39.4072+3.2426i	0.4834-0.1636i	0.9839-0.1599i	4.5207-0.1113i	-0.5024+0.0742i	0.9518-0.1487i	-3.9558-0.0448i
42.4	0.2932-0.6176i	39.8092+3.1024i	0.4467-0.1658i	1.0468-0.1660i	4.5447-0.2005i	-0.5520+0.0791i	1.0146-0.1576i	-3.9908-0.0393i
42.5	0.3099-0.6498i	39.8030+2.9460i	0.4955-0.2073i	1.1665-0.3110i	4.5895-0.2932i	-0.5812+0.1146i	1.1263-0.2927i	-3.9942+0.0059i
42.6	0.2016-0.6793i	39.7638+2.4458i	0.5157-0.2213i	1.1068-0.4798i	4.3619-0.2626i	-0.5450+0.1987i	1.0682-0.4571i	-3.8523-0.2405i
42.7	0.1259-0.5986i	40.0364+2.3169i	0.4626-0.2123i	0.9767-0.4328i	4.4057-0.0734i	-0.5109+0.1762i	0.9382-0.4151i	-4.0237-0.5957i
42.8	0.0917-0.5847i	40.1568+2.4263i	0.4117-0.1938i	0.9178-0.2892i	4.7637+0.0163i	-0.5196+0.1160i	0.8830-0.2816i	-4.5399-0.6164i
42.9	0.0821-0.6187i	40.4117+2.6175i	0.4044-0.1776i	0.8958-0.2615i	4.7742-0.2435i	-0.5571+0.1476i	0.8662-0.2556i	-4.5529-0.2591i
43.0	0.0958-0.4897i	40.5679+2.6223i	0.4230-0.1705i	0.9121-0.2047i	4.4421-0.2166i	-0.5727+0.1790i	0.8801-0.2027i	-4.4714-0.3457i
43.1	0.0593-0.4512i	40.8486+2.6372i	0.4698-0.1577i	1.0244-0.1067i	4.3812+0.0016i	-0.5701+0.1744i	0.9945-0.1020i	-4.7788-0.4647i
43.2	0.0437-0.4910i	41.1608+2.5389i	0.5106-0.1526i	1.1531-0.1004i	4.4643+0.0734i	-0.5535+0.2124i	1.1287-0.0936i	-4.9476-0.1851i
43.3	0.0516-0.5107i	41.0097+2.5221i	0.5389-0.1715i	1.1648-0.1788i	4.7381+0.2150i	-0.4870+0.2154i	1.1430-0.1756i	-4.9629-0.0661i
43.4	0.1001-0.4936i	40.9649+2.6393i	0.5609-0.1485i	1.2102-0.2037i	5.0657+0.0838i	-0.5065+0.1522i	1.1794-0.1938i	-5.0890-0.1022i

43.5	0.0238−0.4740i	41.7108+2.6617i	0.5666−0.1596i	1.3057−0.2282i	5.4218−0.1573i	−0.5974+0.1665i	1.2790−0.2242i	−5.4139+0.0492i
43.6	−0.0093−0.4642i	41.8321+2.4745i	0.5662−0.2007i	1.3412−0.3073i	5.4387−0.6022i	−0.6244+0.2116i	1.3174−0.3048i	−5.4111+0.5069i
43.7	−0.0243−0.4869i	41.8015+2.3139i	0.5753−0.2576i	1.3325−0.3752i	5.1252−0.6275i	−0.5997+0.2410i	1.3049−0.3553i	−5.0060+0.6690i
43.8	0.0224−0.4512i	41.9262+2.2523i	0.5372−0.2946i	1.2304−0.3775i	5.0402−0.0877i	−0.5221+0.2348i	1.2066−0.3538i	−4.9249+0.1751i
43.9	0.0511−0.3483i	42.2288+2.5474i	0.5904−0.2642i	1.4218−0.3512i	6.0671−0.1517i	−0.5955+0.1767i	1.3818−0.3446i	−5.8742+0.1640i
44.0	−0.0211−0.3804i	42.3531+2.6720i	0.6407−0.2462i	1.5484−0.4284i	6.4705−0.8740i	−0.6657+0.2181i	1.5065−0.4191i	−6.2367+0.6222i
44.1	−0.0544−0.3820i	42.7103+2.5326i	0.6364−0.2619i	1.6112−0.5308i	6.5407−1.5175i	−0.7303+0.2745i	1.5701−0.5107i	−6.4832+1.0955i
44.2	−0.0878−0.2902i	42.8620+2.3805i	0.6646−0.3223i	1.6227−0.6935i	6.2955−2.3449i	−0.7256+0.3403i	1.5907−0.6638i	−6.5048+1.9652i
44.3	−0.0643−0.3398i	43.6148+2.0965i	0.6099−0.4614i	1.6161−0.9231i	5.3793−2.9432i	−0.8206+0.4411i	1.5772−0.8900i	−5.7844+2.6026i
44.4	−0.2225−0.3307i	43.5152+1.5612i	0.4928−0.4229i	1.4590−1.0674i	4.4132−2.8106i	−0.7632+0.6258i	1.4266−1.0297i	−5.0411+2.8451i
44.5	−0.2703−0.2876i	42.9310+1.5680i	0.4159−0.3007i	1.1344−0.9562i	3.7312−1.4568i	−0.4989+0.6273i	1.1116−0.9284i	−3.9593+1.8858i
44.6	−0.1885−0.1674i	43.1334+1.9279i	0.4392−0.2557i	1.1934−0.8034i	4.5766−0.9774i	−0.5065+0.4998i	1.1657−0.7820i	−4.4283+1.3279i
44.7	−0.0511−0.2004i	43.5010+1.8377i	0.5358−0.3127i	1.2193−0.9700i	4.5208−1.2475i	−0.5225+0.4936i	1.1991−0.9373i	−4.6910+1.6091i
44.8	−0.0808−0.0947i	43.4306+2.0988i	0.4942−0.2692i	0.9944−0.8892i	4.5628−0.8288i	−0.4685+0.4676i	0.9820−0.8686i	−4.6361+1.3056i
44.9	0.0431+0.0004i	43.7413+2.1385i	0.5438−0.1928i	1.1484−0.6995i	5.0031−0.6953i	−0.5106+0.4506i	1.1189−0.6828i	−4.8034+1.4503i
45.0	0.1644+0.0029i	43.9149+1.9781i	0.6063−0.1203i	1.1304−0.6968i	5.4349−0.4905i	−0.4724+0.4363i	1.0870−0.6895i	−4.7639+1.0903i
45.1	0.0894+0.0309i	44.4293+2.0291i	0.7351−0.1551i	1.1728−0.5769i	6.1305−1.1532i	−0.5266+0.4247i	1.1388−0.5589i	−5.2807+1.1211i
45.2	0.2592−0.0305i	44.7421+1.9081i	0.7689−0.3235i	1.3895−0.4821i	5.9509−1.5847i	−0.5443+0.4345i	1.3525−0.4619i	−5.3092+1.3393i
45.3	0.2659−0.1570i	44.6749+1.7369i	0.7546−0.3436i	1.6372−0.5337i	6.2185−1.5832i	−0.5595+0.4177i	1.5892−0.5122i	−5.4719+1.1698i
45.4	0.1844−0.2345i	44.9264+1.6946i	0.8086−0.4474i	1.7772−0.8972i	6.3490−2.4673i	−0.6019+0.4237i	1.7241−0.8546i	−5.7984+1.3599i
45.5	0.2060−0.1284i	45.3084+1.4252i	0.7221−0.5080i	1.6286−1.0686i	5.8177−2.9129i	−0.6229+0.4395i	1.5838−1.0217i	−6.1525+1.3790i
45.6	0.2655−0.1481i	45.5189+1.7159i	0.6298−0.3793i	1.5985−0.9789i	5.7175−2.8391i	−0.7280+0.4624i	1.5548−0.9265i	−6.8017+1.5642i
45.7	0.2481−0.2922i	46.1498+1.8552i	0.7669−0.3615i	1.8313−1.0964i	6.1605−3.3615i	−0.8321+0.6054i	1.7788−1.0448i	−7.2199+2.7633i
45.8	0.0766−0.1997i	46.3500+0.8910i	0.7906−0.5752i	1.7099−1.5859i	5.3884−4.2525i	−0.7379+0.8321i	1.6563−1.5137i	−6.1787+3.8351i
45.9	0.1655−0.0769i	45.7921+0.4598i	0.6221−0.6239i	1.1401−1.6230i	3.7222−3.6401i	−0.4661+0.8035i	1.1128−1.5539i	−4.8911+2.8926i
46.0	0.2424−0.1351i	46.2868+0.7984i	0.6117−0.4744i	1.2705−1.2333i	4.4399−2.9158i	−0.5622+0.6990i	1.2469−1.1784i	−5.9490+2.4113i
46.1	0.2150−0.2621i	46.7211+1.0498i	0.6618−0.4641i	1.6534−1.2944i	4.8481−3.3100i	−0.7445+0.7421i	1.6240−1.2333i	−6.8691+3.0941i
46.2	0.1413−0.1785i	47.1326+0.6025i	0.7084−0.5784i	1.4932−1.7375i	4.2665−3.3829i	−0.6473+0.8853i	1.4779−1.6870i	−6.4022+4.2142i
46.3	0.0722−0.0440i	47.2145+0.4077i	0.6375−0.6491i	1.0965−1.8332i	4.1318−3.2975i	−0.5245+0.9187i	1.0898−1.7745i	−5.9249+4.4212i
46.4	0.0905−0.0311i	47.2496+0.0417i	0.6183−0.7170i	0.8869−1.9520i	3.5783−3.9135i	−0.4279+1.0923i	0.8910−1.8844i	−5.4143+5.6249i
46.5	0.4263+0.1319i	46.6857−0.4347i	0.4356−0.6887i	0.1354−1.6674i	2.5554−3.0580i	−0.0913+1.0398i	0.1504−1.6254i	−3.5501+5.3531i
46.6	0.6945−0.0081i	46.7210−0.1705i	0.4247−0.5429i	0.3761−0.8969i	2.8637−2.0839i	−0.1083+0.7845i	0.3641−0.8702i	−3.3782+4.1407i
46.7	0.7072−0.3510i	46.8796+0.0112i	0.5298−0.4892i	1.0217−0.7841i	3.4158−1.2350i	−0.1643+0.6899i	0.9808−0.7589i	−3.5221+3.3950i
46.8	0.6173−0.4445i	46.8750+0.2599i	0.6213−0.5498i	1.2904−1.0382i	4.3819−1.3006i	−0.2036+0.5979i	1.2338−1.0146i	−4.0350+3.0159i
46.9	0.5456−0.5182i	47.4132+0.4562i	0.6242−0.6493i	1.3186−1.3442i	4.8116−1.9238i	−0.3184+0.5571i	1.2752−1.3007i	−4.7319+3.1406i
47.0	0.5370−0.4803i	47.9928+0.0600i	0.5200−0.6369i	0.9715−1.5395i	4.0446−2.6807i	−0.3796+0.7447i	0.9664−1.4775i	−4.8685+4.3777i
47.1	0.6178−0.4782i	47.7378−0.3156i	0.4941−0.5655i	0.6090−1.2793i	2.9203−1.8134i	−0.1480+0.8021i	0.6165−1.2420i	−3.4083+4.5964i
47.2	0.6017−0.6370i	47.3773+0.0534i	0.5086−0.4673i	0.6432−0.7752i	3.3103+0.0610i	0.0389+0.6069i	0.6279−0.7663i	−2.5497+3.0917i
47.3	0.5166−0.7629i	47.8441+0.4231i	0.6139−0.4412i	1.1844−0.6869i	5.7686+0.6380i	−0.1282+0.3944i	1.1330−0.6720i	−3.8100+1.8699i
47.4	0.4946−0.8450i	48.4118+0.5102i	0.6942−0.5230i	1.5086−0.9537i	7.5585−0.6103i	−0.3676+0.3550i	1.4215−0.9109i	−5.1817+2.0586i
47.5	0.3689−0.9085i	49.1777+0.5782i	0.7532−0.5743i	1.5889−1.1535i	8.0571−2.3830i	−0.5562+0.4536i	1.5147−1.0876i	−6.3214+3.1784i
47.6	0.2350−0.8625i	49.6942+0.1264i	0.8674−0.7535i	1.6933−1.5311i	8.0565−4.8804i	−0.6250+0.6687i	1.6306−1.4383i	−6.5566+5.4091i
47.7	0.1679−0.8015i	49.3992−0.5167i	0.6564−0.9855i	1.2493−1.8390i	5.2163−6.0723i	−0.4293+0.8409i	1.2121−1.7429i	−3.8689+6.4619i
47.8	0.1099−0.7429i	49.2532−0.5857i	0.3695−0.9572i	0.9336−1.7289i	3.2934−4.8804i	−0.2993+0.7885i	0.9013−1.6430i	−2.0761+4.9592i
47.9	0.1177−0.7476i	49.3541−0.0399i	0.2086−0.7424i	0.7975−1.4028i	2.6877−2.8579i	−0.2825+0.6311i	0.7631−1.3292i	−2.3057+2.8598i
48.0	0.1093−0.8298i	49.7033+0.2845i	0.3601−0.5772i	0.9968−1.1596i	3.7931−2.1031i	−0.4002+0.6249i	0.9631−1.0812i	−3.9137+3.1301i
48.1	0.0693−0.8818i	50.0408−0.0659i	0.4046−0.5541i	1.1458−1.0422i	4.0101−1.4496i	−0.3309+0.6760i	1.1225−0.9747i	−3.2200+3.1841i
48.2	−0.1112−0.8517i	50.8305+0.0602i	0.5432−0.5730i	1.8699−1.4934i	6.0182−2.2022i	−0.5335+0.7678i	1.8165−1.3880i	−4.7456+3.5407i
48.3	−0.1472−0.6321i	51.0225−0.1541i	0.4880−0.6893i	1.6726−2.0330i	5.6318−3.1667i	−0.4500+0.8884i	1.6393−1.9175i	−4.0839+4.5059i
48.4	0.0365−0.4979i	50.5841−0.3809i	0.2898−0.6283i	0.8030−2.2248i	4.1789−3.0768i	−0.1709+0.8634i	0.7968−2.1249i	−2.1514+3.9265i
48.5	0.1261−0.5357i	50.4927−0.0974i	0.3485−0.4381i	0.4073−1.7045i	4.1318−1.9768i	−0.0785+0.7018i	0.3942−1.6266i	−2.4316+2.5427i
48.6	0.0739−0.5815i	50.9037−0.1164i	0.5004−0.4182i	0.5950−1.3144i	4.7645−1.7232i	−0.1151+0.6474i	0.5708−1.2439i	−2.8853+2.6615i
48.7	0.0816−0.6542i	51.2097−0.1069i	0.5850−0.4569i	0.7912−1.1886i	5.6853−1.2587i	−0.1474+0.5492i	0.7469−1.1198i	−2.8835+2.2482i
48.8	−0.0042−0.6133i	51.8093−0.1470i	0.6034−0.6303i	0.8706−1.2853i	6.2724−2.8959i	−0.2486+0.5108i	0.8200−1.1856i	−2.9384+2.2271i
48.9	0.0238−0.5377i	52.2916−0.3457i	0.4463−0.5650i	0.7488−1.1451i	5.1663−2.9865i	−0.2478+0.5258i	0.7055−1.0357i	−2.8254+1.4038i
49.0	0.1894−0.6084i	52.5157−0.0561i	0.5292−0.2310i	1.1191−0.7426i	5.4656−1.3416i	−0.3488+0.4774i	1.0513−0.6211i	−4.5255+0.3036i
49.1	0.1424−0.6778i	52.9152+0.2608i	0.7068−0.3008i	1.4349−0.8282i	6.3551−1.4336i	−0.4009+0.4815i	1.3848−0.6900i	−5.2906+0.7177i
49.2	0.1077−0.7395i	53.3884+0.2735i	0.8132−0.3670i	1.6901−0.9876i	7.3257−1.9378i	−0.4942+0.4871i	1.6399−0.8152i	−6.2422+1.0634i
49.3	0.0328−0.7664i	54.2587+0.0793i	0.8727−0.4506i	1.7842−1.2585i	7.7279−2.9388i	−0.5858+0.5935i	1.7482−1.0598i	−6.8500+2.2371i
49.4	−0.0206−0.6817i	54.8590−0.4782i	0.9354−0.6045i	1.7319−1.5438i	7.2654−4.3239i	−0.5247+0.7604i	1.7447−1.3573i	−6.1091+3.8089i
49.5	0.1102−0.7229i	54.8817−0.8019i	0.9059−0.5867i	1.7684−1.5847i	6.1702−4.0609i	−0.4246+0.7702i	1.7885−1.4048i	−5.1332+2.9544i
49.6	0.0723−0.8419i	54.9730−0.7182i	0.8664−0.6009i	1.6964−1.9080i	6.1131−3.9258i	−0.4531+0.7969i	1.7314−1.7175i	−5.3865+2.5150i
49.7	−0.0488−0.8627i	55.3512−0.3927i	0.8356−0.6193i	1.3645−1.8484i	6.1893−3.5651i	−0.4425+0.7236i	1.4297−1.6661i	−5.8951+2.1769i

49.8	-0.1645-0.8383i	55.9583-0.4861i	0.8403-0.6463i	1.1536-1.7090i	5.9349-3.4157i	-0.3915+0.7099i	1.2344-1.5430i	-6.1402+2.6372i
49.9	-0.1595-0.7738i	56.6193-0.8449i	0.9237-0.6427i	1.1150-1.3699i	5.5429-3.0610i	-0.2722+0.6992i	1.2070-1.2302i	-5.8341+2.9304i
50.0	-0.1002-0.8604i	56.5489-0.9322i	1.0135-0.5524i	1.6755-0.9773i	6.7239-1.6127i	-0.3473+0.5313i	1.7327-0.8171i	-6.5139+1.5322i
50.1	-0.1646-0.9155i	57.6181-0.6104i	1.2623-0.6259i	2.3453-1.3916i	8.9975-2.5913i	-0.6093+0.6242i	2.4421-1.1916i	-8.5783+2.4177i
50.2	-0.3587-0.7682i	58.6208-1.5807i	1.2640-0.9540i	2.2889-2.3486i	8.5702-5.7168i	-0.6304+1.0049i	2.4325-2.1785i	-7.8195+5.0639i
50.3	-0.4481-0.5944i	58.5545-2.3809i	1.0100-1.1897i	1.5596-2.7064i	6.1729-6.0725i	-0.3387+1.0131i	1.6976-2.5839i	-5.4873+5.1610i
50.4	-0.3292-0.4720i	57.9859-2.2286i	0.7144-1.0457i	0.8009-2.1211i	4.6555-3.7000i	-0.0486+0.7064i	0.9056-2.0032i	-4.6582+2.4560i
50.5	-0.1206-0.5202i	58.1421-1.9453i	0.7945-0.7798i	1.0839-1.5226i	5.9128-2.1910i	-0.2009+0.5363i	1.1882-1.3854i	-6.5680+1.0832i
50.6	-0.0866-0.6603i	58.9336-1.5589i	0.9786-0.7414i	1.5336-1.4178i	7.1840-2.0227i	-0.3579+0.4809i	1.6566-1.2685i	-8.2339+1.5805i
50.7	-0.1922-0.6000i	59.8010-1.8797i	1.0323-0.7939i	1.7047-1.6281i	7.7414-2.3341i	-0.4652+0.5257i	1.8426-1.5070i	-8.8223+2.6292i
50.8	-0.1590-0.5112i	60.3958-2.1954i	1.1295-0.8465i	1.6155-1.6911i	8.2762-2.0363i	-0.3864+0.5217i	1.7777-1.5978i	-9.1702+3.0916i
50.9	-0.0994-0.4315i	60.6497-2.0423i	1.2397-0.8427i	1.6269-1.5150i	9.2799-2.0688i	-0.3596+0.4915i	1.7791-1.4254i	-9.4824+3.4719i
51.0	0.1301-0.4289i	60.9985-2.2356i	1.3091-0.8593i	1.9130-1.1431i	10.0057-1.6914i	-0.4054+0.2755i	2.0501-1.0510i	-9.4998+3.0202i
51.1	0.2135-0.6733i	62.3821-2.2407i	1.4966-0.8905i	2.5805-1.2373i	12.2549-2.1224i	-0.7074+0.1817i	2.7513-1.1321i	-11.5048+3.1162i
51.2	0.0310-0.7568i	63.0825-3.1605i	1.5098-1.2820i	2.4453-2.0221i	11.4399-5.8982i	-0.7377+0.5457i	2.6203-1.9691i	-10.4562+6.3030i
51.3	0.0021-0.7365i	62.9937-3.2905i	1.2622-1.3151i	2.1327-1.7529i	9.9207-5.0014i	-0.6366+0.4255i	2.2674-1.6995i	-9.1396+4.9158i
51.4	0.0473-0.6366i	64.1187-3.3838i	1.4206-1.2513i	2.7079-1.7151i	11.8631-4.8642i	-0.8717+0.3742i	2.8633-1.6360i	-11.7209+5.0578i
51.5	0.1851-0.5032i	64.8890-4.3014i	1.4328-1.3303i	2.8347-1.7438i	11.7736-5.4091i	-0.9083+0.3728i	2.9928-1.6903i	-11.4649+6.1272i
51.6	0.3104-0.7531i	65.1863-4.1867i	1.6015-1.2048i	3.5478-1.4648i	13.1982-4.0651i	-1.0496+0.2184i	3.7088-1.4104i	-12.7853+4.9388i
51.7	0.2847-0.9275i	66.3912-5.0442i	1.9320-1.5395i	4.3207-2.7855i	15.3137-7.3669i	-1.3950+0.5687i	4.5279-2.7592i	-14.6768+8.5024i
51.8	0.2147-1.0285i	66.6975-6.0125i	1.8481-1.8881i	3.7505-3.6202i	14.2947-9.1862i	-1.2861+0.7788i	3.9296-3.6329i	-12.8787+10.1122i
51.9	0.0786-1.0073i	66.9128-6.1143i	1.6991-1.9547i	3.2953-3.3712i	14.0652-8.9134i	-1.2032+0.5804i	3.4681-3.3663i	-13.1656+9.0416i
52.0	0.2241-1.0081i	68.1986-6.0557i	1.8374-1.9098i	3.7615-3.2014i	15.9353-9.6039i	-1.5676+0.5639i	3.9713-3.2089i	-15.8672+10.1355i
52.1	-0.0862-1.1993i	68.6483-8.1320i	1.5910-2.5707i	3.2972-4.4433i	13.6814-13.8438i	-1.5313+1.0654i	3.4578-4.5186i	-12.0766+14.5817i
52.2	-0.1822-1.0430i	68.4022-8.4956i	1.2960-2.5663i	2.6761-4.2156i	11.7086-13.1521i	-1.2611+0.9639i	2.8104-4.2597i	-10.2282+13.1170i
52.3	0.0843-1.0325i	69.4005-9.4267i	1.4015-2.5924i	2.9079-4.3270i	11.5047-13.9970i	-1.3878+1.0798i	3.0632-4.3680i	-10.9235+13.7363i
52.4	0.1602-0.9306i	69.6143-10.3258i	1.2500-2.5926i	2.9952-4.1873i	10.9019-13.5795i	-1.5439+1.0620i	3.1647-4.2299i	-11.6360+13.1304i
52.5	0.2398-0.9718i	70.0592-10.8605i	1.4397-2.7204i	3.5310-4.8579i	12.6993-15.9168i	-1.8192+1.3467i	3.7206-4.9668i	-13.4207+17.6137i
52.6	0.3615-1.3200i	69.4493-12.0374i	1.1363-3.0980i	2.7516-5.3624i	9.5030-17.4141i	-1.6102+1.5075i	2.8730-5.5227i	-8.6992+19.7295i
52.7	0.3264-1.3864i	68.5061-11.6736i	0.8600-2.7336i	2.8052-4.3309i	8.6696-13.7134i	-1.5691+1.2573i	2.8922-4.4305i	-7.7278+15.1983i
52.8	0.4153-1.7060i	69.6709-10.9741i	1.2441-2.6726i	4.2282-4.7910i	11.9984-14.1153i	-2.1018+1.3548i	4.3365-4.8726i	-11.2347+15.7262i
52.9	-0.1105-1.9496i	70.3814-12.6493i	1.0519-3.3815i	3.2966-6.7392i	9.4581-18.5445i	-1.9272+2.0842i	3.3868-6.8713i	-7.9563+20.6096i
53.0	-0.5461-1.6451i	70.1409-13.0249i	0.5689-3.4230i	2.0736-6.8616i	6.3896-18.0306i	-1.5612+2.2373i	2.1233-6.9787i	-4.3856+19.7328i
53.1	-0.2259-1.3216i	69.8431-12.9147i	0.2816-2.9837i	1.4742-5.8623i	6.5560-14.0029i	-1.4141+1.8867i	1.5084-5.9721i	-4.1414+15.9569i
53.2	-0.0681-1.5072i	71.1618-12.8258i	0.6887-2.9745i	2.5807-5.5853i	11.2265-14.7463i	-1.9626+1.7053i	2.6058-5.7082i	-7.6558+16.9359i
53.3	-0.0049-1.6388i	71.1578-14.2591i	0.5323-3.2778i	2.3836-6.5916i	9.6403-18.5759i	-2.0404+2.3009i	2.3705-6.6931i	-5.3651+19.5295i
53.4	-0.0695-1.9394i	70.8344-13.8705i	0.2687-3.2632i	1.7087-6.6076i	7.4482-18.7553i	-1.8262+2.5072i	1.6682-6.6777i	-2.9831+18.2767i
53.5	-0.2878-1.9652i	71.3811-13.7046i	0.0054-3.1534i	1.2731-6.2758i	5.2937-17.8821i	-1.6852+2.5800i	1.2266-6.3089i	-1.5515+16.3900i
53.6	-0.0462-1.6726i	72.4447-13.6008i	0.0898-2.8560i	1.9558-5.6784i	6.6228-14.7623i	-1.8164+2.3786i	1.9247-5.6855i	-3.7085+14.0182i
53.7	0.1521-2.0179i	73.6169-13.9042i	0.4452-2.8860i	2.7191-6.1649i	9.9808-14.7249i	-2.0078+2.4416i	2.7038-6.1890i	-6.6303+14.9784i
53.8	-0.0154-2.5097i	75.3774-15.6744i	0.8572-3.3891i	3.5183-7.4054i	13.3632-19.9833i	-2.5149+2.8538i	3.4986-7.4338i	-8.8577+19.2354i
53.9	-0.4218-2.7968i	76.6243-18.4452i	0.7736-3.9836i	3.3569-9.0649i	12.1114-25.5369i	-2.6453+3.7067i	3.3327-9.0819i	-8.1703+23.2704i
54.0	-0.9739-2.6941i	76.3938-20.8359i	0.3823-4.3322i	2.2967-10.1387i	8.9642-28.2440i	-2.2277+4.4331i	2.2935-10.1754i	-5.7279+25.9512i
54.1	-0.8306-2.1567i	74.5495-21.6635i	-0.2267-4.2730i	0.7368-10.0949i	4.6836-28.1252i	-1.4759+4.5351i	0.7367-10.0998i	-1.8353+24.9818i
54.2	0.0129-2.4052i	74.4360-19.3505i	-0.3153-3.5393i	0.5220-8.3205i	4.3473-23.7824i	-1.4689+3.7505i	0.5623-8.3029i	-3.2772+21.0223i
54.3	-0.1390-3.4351i	76.1659-21.1164i	0.0866-3.9709i	1.4629-9.4422i	5.5801-27.3828i	-1.9803+4.4436i	1.4828-9.4678i	-3.8286+25.7393i
54.4	-1.2604-4.0186i	74.3229-23.8347i	-0.4464-4.6792i	0.0293-11.1797i	-0.0902-30.4583i	-1.1718+5.4455i	-0.0003-11.1919i	2.5619+28.3262i
54.5	-2.1449-3.7903i	72.7291-24.0778i	-1.0287-4.6920i	-1.4677-11.3340i	-4.0276-29.4313i	-0.3206+5.6684i	-1.4963-11.3109i	5.8066+26.5551i
54.6	-2.6653-3.1753i	71.6181-22.3427i	-1.5725-4.2574i	-2.8524-10.3195i	-6.6455-25.4811i	0.4741+5.2091i	-2.8703-10.2813i	7.7478+22.5337i
54.7	-2.5743-2.8020i	72.2458-19.9719i	-1.6002-3.6543i	-3.0110-8.8763i	-5.2991-21.0582i	0.6053+4.4964i	-2.9790-8.8326i	5.6266+18.7566i
54.8	-2.5514-3.1469i	75.6953-20.8154i	-0.9250-3.8526i	-1.4667-9.2537i	0.5433-24.7040i	-0.1580+4.6930i	-1.4486-9.2443i	1.1080+22.8632i
54.9	-3.5082-3.1304i	75.2931-24.0998i	-1.2443-4.6626i	-2.1828-11.2475i	-3.5971-31.6540i	0.2474+5.7799i	-2.1678-11.2150i	4.7983+28.3103i
55.0	-3.9214-2.3742i	73.6937-24.0198i	-1.9540-4.5993i	-3.8002-11.2352i	-9.0441-30.4576i	1.0384+5.8283i	-3.7853-11.2015i	9.5181+26.9099i
55.1	-3.7927-1.6913i	73.7930-22.6440i	-2.2675-4.1475i	-4.6834-10.1928i	-11.1861-26.2024i	1.5852+5.2846i	-4.6491-10.1693i	10.9622+24.0216i
55.2	-3.7575-1.3071i	73.9019-22.4260i	-2.4283-3.9927i	-5.3469-9.8502i	-12.3394-24.5263i	2.0420+5.1231i	-5.3040-9.8367i	12.5224+23.3152i
55.3	-3.5729-0.7871i	74.0861-21.7049i	-2.6651-3.6729i	-6.0105-9.0116i	-13.6364-22.3457i	2.4288+4.7523i	-5.9810-9.0054i	14.0423+20.7524i
55.4	-2.8729-0.4968i	75.3881-20.2972i	-2.6779-3.2420i	-5.9864-7.8519i	-13.0846-19.4926i	2.5004+4.1615i	-5.9633-7.8400i	13.7440+17.8700i
55.5	-2.2701-1.2215i	78.3144-20.4530i	-2.1516-3.1902i	-4.5145-7.8954i	-9.0782-20.3309i	1.7986+4.0564i	-4.4889-7.8684i	10.3917+17.9376i
55.6	-2.7740-1.6624i	79.6335-22.4901i	-2.2046-3.5932i	-4.8372-8.9983i	-10.3733-22.9492i	1.8488+4.4781i	-4.8081-8.9792i	11.3550+20.3596i
55.7	-3.4040-1.1175i	79.3511-22.9909i	-2.7149-3.5565i	-6.3042-8.6766i	-14.3032-21.2925i	2.5107+4.4222i	-6.2877-8.6602i	14.7329+19.0576i
55.8	-3.3319-0.8700i	80.2050-22.8361i	-2.8929-3.3425i	-6.7825-8.0181i	-15.2050-19.2860i	2.7580+4.1730i	-6.7558-7.9899i	15.6412+17.1559i
55.9	-3.0175-0.6843i	81.3689-22.9773i	-2.9632-3.0816i	-6.8734-7.2131i	-14.9522-17.1097i	2.8785+3.7929i	-6.8501-7.2044i	15.4978+15.1999i
56.0	-2.8104-1.1032i	84.2236-23.7085i	-2.5855-2.9429i	-5.6116-6.8382i	-11.2392-16.2640i	2.3909+3.5100i	-5.5969-6.8313i	12.2017+14.4107i

56.1	-3.6359-1.5418i	86.5237-26.7360i	-2.4337-3.5146i	-5.1880-8.6338i	-10.3669-21.0627i	2.1315+4.1856i	-5.1737-8.6136i	11.2756+18.7568i
56.2	-3.9108-0.7845i	85.8440-27.9661i	-3.1983-3.6151i	-7.4950-8.7923i	-16.0841-21.1672i	3.0588+4.3028i	-7.4574-8.7659i	16.5011+18.8886i
56.3	-3.3593-0.4237i	86.2054-27.8970i	-3.4650-3.2718i	-8.2844-7.7604i	-17.6754-18.3233i	3.4687+3.9016i	-8.2499-7.7414i	17.9195+16.3966i
56.4	-3.3271-0.5090i	87.4491-28.2278i	-3.5010-3.0604i	-8.1953-7.0742i	-17.3519-16.6847i	3.3719+3.6075i	-8.1816-7.0523i	18.0602+14.5524i
56.5	-3.4256-0.7127i	89.1742-28.7411i	-3.4881-2.9153i	-8.0481-6.5901i	-16.9064-15.4109i	3.2914+3.3841i	-8.0425-6.5734i	17.8709+13.2527i
56.6	-3.5883-0.6079i	90.1908-30.1900i	-3.5391-2.8314i	-8.1613-6.2712i	-17.1122-14.2825i	3.3959+3.2070i	-8.1581-6.2720i	17.9840+12.4670i
56.7	-3.7028-0.3962i	91.0305-31.6501i	-3.5888-2.7527i	-8.2241-6.0803i	-17.0964-13.4951i	3.4451+3.1309i	-8.2206-6.0795i	17.9129+11.8390i
56.8	-3.6433-0.3768i	92.2339-32.5456i	-3.6823-2.6661i	-8.3328-5.8749i	-17.0332-12.8013i	3.4873+3.0619i	-8.3263-5.8644i	18.0080+11.0204i
56.9	-3.7837-0.5482i	94.7564-34.6685i	-3.7696-2.5362i	-8.3499-5.5035i	-16.4608-11.6856i	3.4747+2.9137i	-8.3414-5.4786i	17.8132+9.8861i
57.0	-3.8609-0.6736i	96.5318-36.0296i	-3.7022-2.4389i	-8.1253-5.2630i	-15.6351-10.8722i	3.4255+2.8235i	-8.1160-5.2411i	16.9648+9.2445i
57.1	-3.9513-0.9352i	97.8937-37.7073i	-3.5113-2.3762i	-7.4849-5.1332i	-13.2487-10.3216i	3.2120+2.7474i	-7.5007-5.1057i	15.3952+8.6650i
57.2	-5.2581-1.2910i	100.4566-41.8387i	-3.3407-2.8728i	-6.8111-6.6058i	-10.8157-15.0315i	2.9009+3.3073i	-6.8424-6.5323i	13.6301+11.2588i
57.3	-6.5051-0.0919i	99.8685-46.3005i	-3.9628-3.5246i	-8.3759-8.5144i	-15.5370-20.4144i	3.4514+4.1168i	-8.3722-8.4086i	16.4694+14.8970i
57.4	-6.3324+1.1143i	99.6387-47.8446i	-4.6947-3.0969i	-10.1136-7.5567i	-19.8165-17.0998i	4.1498+3.8254i	-10.0917-7.4512i	19.7914+12.6237i
57.5	-6.0020+1.4341i	100.4709-49.9147i	-4.9212-2.7224i	-10.6960-6.6042i	-20.4623-14.2596i	4.4612+3.4391i	-10.6772-6.5202i	20.6599+10.7659i
57.6	-5.9648+1.9008i	102.0798-52.0816i	-5.0700-2.4570i	-11.0889-6.0782i	-20.5765-12.8217i	4.7130+3.2247i	-11.0708-6.0027i	21.0543+9.6066i
57.7	-5.7988+2.3550i	103.0639-54.7712i	-5.2189-2.2382i	-11.4482-5.7724i	-20.8369-12.2698i	4.8875+3.1450i	-11.4163-5.6876i	21.1511+8.8053i
57.8	-5.5912+2.9655i	103.6105-57.9501i	-5.3376-1.9908i	-11.8356-5.2659i	-21.0955-11.2836i	5.0984+2.9092i	-11.8167-5.1964i	21.5955+7.8307i
57.9	-5.4060+3.3983i	102.8402-61.7416i	-5.4449-1.7585i	-12.1736-4.6902i	-21.2834-10.1393i	5.2327+2.5845i	-12.1578-4.6286i	22.1831+6.6651i
58.0	-5.2328+3.7420i	102.1354-66.2756i	-5.5714-1.5476i	-12.5665-4.1014i	-21.5728-8.9328i	5.4337+2.2786i	-12.5436-4.0298i	22.6569+5.4979i
58.1	-5.0471+4.2760i	102.3987-70.2228i	-5.6187-1.3128i	-12.8137-3.7069i	-21.6549-8.3137i	5.5761+2.1362i	-12.7858-3.6072i	22.5192+4.5029i
58.2	-4.7225+4.4911i	102.6959-73.8292i	-5.6853-1.0775i	-13.0195-3.1799i	-21.5519-7.5769i	5.6388+1.9091i	-13.0048-3.0742i	22.4744+3.5380i
58.3	-4.1502+4.8273i	101.5685-77.7044i	-5.7841-0.7408i	-13.2753-2.3180i	-21.3105-6.2331i	5.7270+1.4701i	-13.2666-2.2097i	22.4442+2.1269i
58.4	-3.9566+4.8825i	98.6640-84.3903i	-5.7156-0.4007i	-13.1266-1.6910i	-20.6755-6.0590i	5.6621+1.2678i	-13.1144-1.5569i	21.5705+1.2814i
58.5	-4.2717+5.2022i	95.8629-89.5959i	-5.6983-0.4609i	-13.2587-1.8998i	-20.8958-7.2429i	5.7412+1.3356i	-13.2639-1.7735i	22.1414+2.5428i
58.6	-3.9287+6.1124i	93.0131-92.9714i	-6.0299-0.3202i	-14.2639-1.5459i	-23.1382-6.7763i	6.1549+1.1786i	-14.2804-1.3894i	24.8593+1.0617i
58.7	-3.0809+6.5834i	88.3848-98.0506i	-6.2368+0.2543i	-14.9490+0.1122i	-24.3437-3.6393i	6.5055+0.4145i	-14.9437+0.2751i	25.6204-2.7351i
58.8	-2.4493+6.7411i	83.8222-101.0736i	-6.1722+0.5828i	-14.8177+1.0059i	-23.8627-2.2713i	6.4386+0.0302i	-14.7943+1.1768i	24.4911-4.6918i
58.9	-1.8469+7.0954i	79.2497-104.1892i	-6.1146+0.8761i	-14.6856+1.8259i	-23.2890-1.1039i	6.3773-0.3543i	-14.6438+2.0149i	23.5531-6.3867i
59.0	-1.1161+7.3789i	74.1739-105.9838i	-6.0377+1.1486i	-14.5160+2.6020i	-22.6594-0.0806i	6.2698-0.7254i	-14.4598+2.8188i	22.6169-7.7745i
59.1	0.0406+7.3315i	68.0384-105.4584i	-5.8987+1.4909i	-14.1558+3.3601i	-22.0562+0.5255i	6.0699-0.9834i	-14.0637+3.6021i	20.6429-8.8527i
59.2	1.0756+6.8835i	58.4591-107.3692i	-5.7049+1.9920i	-13.7731+4.7559i	-21.6803+2.2466i	5.9758-1.6191i	-13.6467+4.9716i	19.2963-10.6062i
59.3	1.5525+6.1456i	54.4646-106.2524i	-5.5342+2.2092i	-13.2985+5.3806i	-21.0117+2.7332i	5.7351-1.8616i	-13.1527+5.6054i	17.8762-11.2738i
59.4	2.1800+5.7249i	48.4934-104.8490i	-5.2971+2.5217i	-12.7043+6.1461i	-20.4432+3.3840i	5.4582-2.1174i	-12.5269+6.3940i	16.1673-12.3238i
59.5	2.3697+5.3926i	45.2035-102.7410i	-5.1103+2.7148i	-12.1633+6.6662i	-19.8532+3.9079i	5.2012-2.3446i	-11.9708+6.9080i	14.9796-12.9936i
59.6	2.6186+4.6271i	41.4592-98.9692i	-4.8283+2.9353i	-11.3565+7.2001i	-19.1428+4.3968i	4.8543-2.5408i	-11.1376+7.4189i	13.1753-13.3117i
59.7	2.9588+4.2966i	34.8868-96.9209i	-4.5768+3.1499i	-10.8189+7.6891i	-18.7921+5.1588i	4.6990-2.7279i	-10.5655+7.9108i	11.6759-13.3625i
59.8	3.0404+4.0332i	33.2539-91.3218i	-4.2670+3.2058i	-9.9323+7.7755i	-17.7610+5.1929i	4.2707-2.7464i	-9.6644+8.0062i	9.9699-13.4730i
59.9	3.2377+3.5950i	29.6048-85.0741i	-3.8584+3.2754i	-8.8810+8.0228i	-16.5548+5.6713i	3.8290-2.8771i	-8.6038+8.2290i	8.2228-13.3634i
60.0	3.2374+3.2151i	30.3030-83.6131i	-3.6521+3.2502i	-8.4852+7.9090i	-16.3898+5.6283i	3.7410-2.7631i	-8.1625+8.1315i	7.0635-12.5297i
60.1	3.0978+2.6423i	29.6774-79.3656i	-3.3573+3.2561i	-7.7210+7.9510i	-15.5205+5.7950i	3.4192-2.8008i	-7.4005+8.1540i	6.0300-12.1399i
60.2	2.9957+2.3043i	28.2563-74.7671i	-3.0768+3.2724i	-7.0071+8.0622i	-14.7204+6.0809i	3.1351-2.8906i	-6.6729+8.1941i	5.0695-11.5984i
60.3	2.9277+1.9800i	29.6470-71.0476i	-2.8803+3.1845i	-6.5019+7.8605i	-14.1025+5.9487i	2.9100-2.8150i	-6.1494+7.9748i	4.0999-10.9014i
60.4	2.8475+1.4509i	29.7136-66.5176i	-2.6426+3.1226i	-5.9456+7.7804i	-13.3689+5.9910i	2.6751-2.8437i	-5.5958+7.8704i	3.3176-10.2960i
60.5	2.6561+0.9334i	30.8600-64.7885i	-2.4878+3.0980i	-5.5882+7.7497i	-13.1048+6.1017i	2.5644-2.8619i	-5.2331+7.8013i	2.8556-9.4428i
60.6	2.3746+0.7706i	31.3267-63.3554i	-2.3227+3.0670i	-5.1269+7.6686i	-12.8086+6.1424i	2.3688-2.8356i	-4.7662+7.7085i	2.4066-8.9397i
60.7	1.8383+0.7349i	35.0447-57.9683i	-2.1580+2.8071i	-4.6112+7.0560i	-12.0582+5.5067i	2.0788-2.6340i	-4.2410+7.1014i	1.8008-8.0342i
60.8	1.5424+0.9834i	38.7601-58.0571i	-2.0983+2.6740i	-4.3791+6.5995i	-11.9826+5.0609i	1.9652-2.3982i	-4.0062+6.6458i	1.3438-7.3241i
60.9	1.6026+0.9810i	38.2972-54.8460i	-1.9311+2.6122i	-3.8935+6.5933i	-11.5264+5.2723i	1.7107-2.4649i	-3.5389+6.6203i	0.8823-7.1307i
61.0	1.6081+0.8990i	42.7882-52.3365i	-1.9501+2.4492i	-3.8313+6.1835i	-11.2953+4.7889i	1.5775-2.2639i	-3.4724+6.2024i	0.5714-6.5423i
61.1	1.7023+0.7438i	45.2316-50.9997i	-1.9487+2.3688i	-3.7583+5.9539i	-11.2043+4.6348i	1.5011-2.1618i	-3.4036+5.9706i	0.3538-5.9862i
61.2	1.7378+0.5731i	47.8536-52.2759i	-1.9563+2.3142i	-3.7746+5.8044i	-11.2389+4.4928i	1.4903-2.0736i	-3.4137+5.8127i	0.2441-5.4808i
61.3	1.6435+0.5620i	51.6734-52.8085i	-1.9876+2.2794i	-3.7430+5.6272i	-11.3642+4.3805i	1.4431-1.9378i	-3.3608+5.6209i	-0.0070-5.0001i
61.4	1.6787+0.4847i	51.7497-53.9541i	-1.9705+2.2531i	-3.8120+5.6097i	-11.4849+4.7167i	1.5218-1.9479i	-3.4258+5.5721i	0.0369-4.4237i
61.5	1.6840+0.3161i	55.8831-57.9099i	-2.0552+2.2492i	-3.9937+5.3967i	-11.9727+4.5880i	1.6031-1.7572i	-3.5667+5.3362i	-0.1948-3.5962i
61.6	1.4835+0.2602i	59.7891-57.0392i	-2.0405+2.1749i	-3.8341+5.2167i	-11.7682+4.5953i	1.4886-1.7130i	-3.4118+5.1472i	-0.2993-3.2672i
61.7	1.3549+0.2523i	64.6953-57.9509i	-2.1084+2.1274i	-3.8987+5.0014i	-11.8812+4.3565i	1.4489-1.5625i	-3.4701+4.9243i	-0.4454-2.7656i
61.8	1.2819+0.3818i	70.8727-60.8642i	-2.2735+2.0899i	-4.1309+4.6463i	-12.4372+3.9609i	1.4414-1.2647i	-3.6757+4.5871i	-0.9000-2.0208i
61.9	1.3550+0.3198i	71.2486-66.0403i	-2.3216+2.1938i	-4.4335+4.7657i	-12.9288+4.3694i	1.6380-1.2284i	-3.9609+4.6737i	-0.7737-1.3203i
62.0	1.1710+0.2774i	73.1694-65.9759i	-2.3143+2.1506i	-4.2017+4.7120i	-12.7959+4.4295i	1.4932-1.2161i	-3.7347+4.6007i	-0.9362-1.1176i
62.1	1.0972+0.1481i	74.6944-71.5647i	-2.3466+2.2734i	-4.3829+4.9530i	-12.9672+4.9395i	1.5991-1.2611i	-3.9096+4.7888i	-0.5536-0.5967i
62.2	1.2390+0.0528i	72.8675-78.1904i	-2.3831+2.4402i	-4.6419+5.3431i	-13.1376+5.6407i	1.7715-1.3658i	-4.1599+5.1493i	-0.1183-0.1228i
62.3	1.1899+0.1049i	77.8233-86.0205i	-2.5468+2.5109i	-4.9152+5.2441i	-13.6396+5.7698i	1.8260-1.1905i	-4.4042+5.0340i	-0.3399+0.6126i

62.4	1.2270+0.0429i	79.4247-90.1807i	-2.5760+2.6053i	-4.9718+5.2837i	-13.7758+6.1442i	1.8417-1.1169i	-4.4417+5.0358i	-0.3476+1.2528i
62.5	1.2301-0.0246i	78.1003-95.7782i	-2.5673+2.7737i	-5.0241+5.6180i	-13.9247+6.8468i	1.9074-1.1821i	-4.5011+5.3288i	0.0179+1.7387i
62.6	1.1156-0.1131i	74.9900-104.5133i	-2.5311+3.0053i	-5.0397+5.9868i	-14.0295+7.6641i	2.0040-1.2274i	-4.5276+5.6751i	0.3976+2.0686i
62.7	1.0617-0.3130i	70.5392-110.2912i	-2.4456+3.2227i	-5.0469+6.4716i	-13.9751+8.5096i	2.1007-1.3458i	-4.5520+6.1036i	0.9179+2.6101i
62.8	0.9444-0.3966i	68.6464-117.1560i	-2.4294+3.3664i	-5.1743+6.7628i	-14.0078+9.1366i	2.2121-1.3721i	-4.6868+6.3436i	1.4021+3.1882i
62.9	0.9557-0.5790i	64.1036-124.6524i	-2.3688+3.5996i	-5.1523+7.2068i	-14.0078+10.0160i	2.2931-1.4598i	-4.6658+6.7451i	1.9532+3.5550i
63.0	0.8297-0.6296i	58.3474-127.1978i	-2.2043+3.7144i	-4.8247+7.5381i	-13.4938+10.7147i	2.2191-1.6104i	-4.3617+7.0445i	2.3541+3.6215i
63.1	0.7084-0.6197i	54.0413-127.6539i	-2.0677+3.7743i	-4.5121+7.6782i	-13.0179+11.2059i	2.1339-1.6812i	-4.0835+7.1544i	2.6594+3.6172i
63.2	0.5477-0.6478i	46.6279-128.0238i	-1.8615+3.8485i	-4.0520+7.9281i	-12.3850+11.7602i	2.0325-1.7824i	-3.6593+7.3712i	3.0442+3.5944i
63.3	0.2735-0.7230i	35.4199-128.4114i	-1.5671+3.9610i	-3.4639+8.3347i	-11.4038+12.6715i	1.9283-1.9802i	-3.1254+7.7234i	3.7947+3.5857i
63.4	0.1666-0.7763i	27.7494-128.8821i	-1.3618+4.0541i	-3.1915+8.6092i	-10.6535+13.1541i	1.9088-2.0835i	-2.8980+7.9690i	4.3876+3.5751i
63.5	0.0160-0.6584i	23.9190-129.1475i	-1.2172+4.0918i	-2.8809+8.6841i	-9.9267+13.4318i	1.7872-2.1023i	-2.6291+8.0386i	4.6559+3.3614i
63.6	-0.1752-0.5516i	16.7808-128.8957i	-1.0081+4.1382i	-2.4520+8.8260i	-9.1300+13.8108i	1.6890-2.1509i	-2.2366+8.1650i	5.0754+3.3100i
63.7	-0.2915-0.5282i	9.5769-125.4679i	-0.7742+4.1604i	-1.9433+8.9432i	-8.2479+14.1587i	1.5962-2.1830i	-1.7874+8.2690i	5.5072+3.2219i
63.8	-0.3325-0.4367i	4.5566-122.8222i	-0.5929+4.1818i	-1.5567+9.0399i	-7.4626+14.4072i	1.5076-2.2304i	-1.4543+8.3634i	5.8014+3.0676i
63.9	-0.3454-0.2690i	0.1365-121.1758i	-0.4346+4.1946i	-1.2294+9.1170i	-6.8053+14.5048i	1.4398-2.2217i	-1.1618+8.4414i	6.0797+2.9325i
64.0	-0.4102-0.2014i	-1.7723-118.5011i	-0.3243+4.1407i	-0.8700+8.8905i	-6.1066+14.3873i	1.3103-2.0992i	-0.8340+8.2215i	6.1001+2.7865i
64.1	-0.3921-0.1698i	-4.2501-113.0531i	-0.1559+4.0495i	-0.3966+8.6293i	-5.3008+14.1964i	1.1564-2.0145i	-0.3812+7.9723i	6.0177+2.5181i
64.2	-0.3582-0.1307i	-10.0321-107.7310i	0.0744+4.0003i	0.0496+8.5987i	-4.5230+14.1384i	1.0833-2.0345i	0.0238+7.9559i	6.2047+2.2021i
64.3	-0.4369-0.1261i	-12.2188-103.5323i	0.2159+3.9588i	0.3288+8.5644i	-3.8718+13.9564i	1.0100-2.0198i	0.2680+7.9460i	6.3673+2.0890i
64.4	-0.5501-0.0909i	-14.0296-98.0774i	0.3837+3.8621i	0.7092+8.4057i	-3.2349+13.6180i	0.9535-1.9814i	0.6297+7.8034i	6.5676+1.8788i
64.5	-0.5522+0.0436i	-15.5743-96.1765i	0.4722+3.8089i	0.8551+8.1475i	-2.7399+13.3564i	0.9698-1.8577i	0.7539+7.5669i	6.7257+1.7424i
64.6	-0.6232+0.0439i	-14.3715-92.6997i	0.5779+3.7053i	1.1252+7.9327i	-2.2009+13.0849i	0.8854-1.8051i	1.0046+7.3618i	6.7849+1.6413i
64.7	-0.6868+0.1756i	-16.6169-87.8192i	0.7756+3.6123i	1.5346+7.7714i	-1.5593+12.8578i	0.8578-1.7686i	1.3816+7.1992i	6.8983+1.3681i
64.8	-0.6129+0.2491i	-16.9868-86.2936i	0.8244+3.5958i	1.5700+7.6888i	-1.3375+12.7595i	0.9297-1.7231i	1.3988+7.1223i	6.9930+1.3524i
64.9	-0.6267+0.3104i	-16.5127-81.8340i	0.9173+3.4743i	1.8255+7.4050i	-0.9408+12.4480i	0.9041-1.6768i	1.6469+6.8652i	6.9054+1.1732i
65.0	-0.5912+0.3252i	-17.0734-79.8278i	1.0693+3.4192i	2.0660+7.3849i	-0.4320+12.2644i	0.8839-1.6790i	1.8558+6.8389i	6.9634+1.0023i
65.1	-0.6264+0.3905i	-16.1567-76.4972i	1.1722+3.2952i	2.2587+7.1512i	-0.0192+11.8640i	0.8606-1.6593i	2.0277+6.6218i	6.9480+0.8544i
65.2	-0.6197+0.3828i	-15.9834-73.0757i	1.3048+3.1795i	2.5421+6.9132i	0.4617+11.5029i	0.8254-1.6075i	2.2846+6.4247i	6.8805+0.7098i
65.3	-0.5986+0.3777i	-16.0200-70.0752i	1.4064+3.0763i	2.7775+6.8257i	0.7864+11.1718i	0.8524-1.5958i	2.5053+6.3463i	7.0764+0.6236i
65.4	-0.5794+0.4628i	-13.7582-67.9998i	1.4507+2.9852i	2.8728+6.5677i	0.9588+10.9242i	0.8505-1.5540i	2.5926+6.0904i	7.0454+0.6234i
65.5	-0.5737+0.4653i	-14.0283-64.6008i	1.5693+2.8765i	3.1399+6.3601i	1.2523+10.6320i	0.8608-1.5286i	2.8481+5.8927i	7.1034+0.6161i
65.6	-0.5781+0.4445i	-12.8968-60.4810i	1.6592+2.7191i	3.4082+6.1630i	1.5246+10.2672i	0.8211-1.5172i	3.1051+5.7148i	7.1190+0.5300i
65.7	-0.5711+0.4533i	-10.4197-58.1485i	1.6920+2.5432i	3.5425+5.8453i	1.7976+9.8283i	0.8065-1.4656i	3.2294+5.4260i	7.1686+0.4808i
65.8	-0.5319+0.4795i	-10.1121-57.9422i	1.7627+2.4709i	3.7837+5.6114i	2.0648+9.6074i	0.8001-1.4589i	3.4421+5.2003i	7.2842+0.3962i
65.9	-0.5672+0.4929i	-8.0281-54.6253i	1.8452+2.3570i	4.1322+5.3542i	2.2341+9.4601i	0.7709-1.4848i	3.7654+4.9523i	7.4226+0.2798i
66.0	-0.5979+0.4659i	-6.0243-50.7402i	1.9030+2.1895i	4.3612+4.9121i	2.4665+9.0925i	0.7443-1.4405i	3.9911+4.5522i	7.4893+0.1523i
66.1	-0.6217+0.4739i	-2.9691-48.9442i	1.8680+2.0730i	4.2697+4.5522i	2.5188+8.8272i	0.7356-1.3921i	3.9102+4.2028i	7.4833+0.1197i
66.2	-0.6226+0.5099i	0.7417-47.8292i	1.8752+1.9076i	4.4188+4.1442i	2.6821+8.5628i	0.7109-1.3544i	4.0456+3.8102i	7.5524-0.1000i
66.3	-0.6111+0.5800i	2.3118-48.7487i	1.8537+1.8384i	4.3540+3.8710i	2.7905+8.3911i	0.7333-1.2982i	3.9786+3.5514i	7.6095-0.1427i
66.4	-0.6623+0.6630i	5.3610-48.0580i	1.7994+1.6856i	4.2188+3.4663i	2.9077+8.0532i	0.7671-1.2437i	3.8458+3.1651i	7.5802-0.1705i
66.5	-0.6895+0.7269i	7.1880-46.2659i	1.8042+1.5645i	4.1694+3.1309i	3.0900+7.7742i	0.7941-1.2058i	3.7772+2.8400i	7.6196-0.2285i
66.6	-0.6704+0.7182i	8.1087-43.8296i	1.8581+1.4842i	4.2514+2.8736i	3.3376+7.6548i	0.7733-1.1985i	3.8528+2.6035i	7.6414-0.4161i
66.7	-0.7370+0.7675i	12.7627-44.4024i	1.7890+1.3780i	4.1133+2.6059i	3.4395+7.3811i	0.8006-1.1423i	3.7099+2.3452i	7.6772-0.4599i
66.8	-0.8003+0.7642i	16.6420-41.3752i	1.7769+1.2464i	4.0098+2.2967i	3.6388+7.1047i	0.7952-1.1021i	3.6092+2.0553i	7.5717-0.5292i
66.9	-0.8498+0.8125i	19.7147-42.0656i	1.7444+1.2031i	3.8072+2.0947i	3.7905+6.8825i	0.8444-1.0733i	3.4047+1.8636i	7.5747-0.4972i
67.0	-0.8147+0.9777i	24.1220-45.5628i	1.6683+1.1610i	3.6214+1.9134i	4.0159+6.6297i	0.9067-1.0737i	3.2074+1.6847i	7.7427-0.6024i
67.1	-0.8070+1.0487i	27.1874-44.9542i	1.6952+1.0238i	3.5788+1.6140i	4.2455+6.4326i	0.9835-1.0723i	3.1602+1.3961i	7.9331-0.7565i
67.2	-0.7854+1.1849i	30.0562-45.2544i	1.6473+0.9672i	3.3665+1.3376i	4.3968+6.1727i	1.0374-0.9802i	2.9635+1.1252i	7.9776-0.6500i
67.3	-0.7663+1.2496i	31.8973-45.0787i	1.6264+0.9345i	3.1930+1.2006i	4.5987+5.9297i	1.0511-0.9695i	2.7817+1.0015i	7.9220-0.6452i
67.4	-0.6751+1.3835i	33.6567-46.4982i	1.5762+0.9105i	2.9550+1.1109i	4.6806+5.6253i	1.1245-0.9756i	2.5370+0.9299i	8.0379-0.7485i
67.5	-0.5332+1.4538i	36.5834-46.6254i	1.5583+0.8931i	2.7229+1.0611i	4.8331+5.4040i	1.2329-0.9923i	2.2888+0.8962i	8.2268-0.7907i
67.6	-0.5213+1.5507i	40.5688-49.3010i	1.5260+0.8081i	2.5909+0.9367i	5.0321+5.0688i	1.2748-0.9991i	2.1424+0.7899i	8.3799-0.8626i
67.7	-0.3929+1.5409i	45.7384-53.9723i	1.4216+0.7404i	2.3109+0.9459i	5.0406+4.5411i	1.3150-1.0290i	1.8594+0.8164i	8.4655-0.9667i
67.8	-0.2617+1.5773i	50.6445-55.7917i	1.4584+0.6833i	2.1288+0.9512i	5.2495+4.0908i	1.4065-1.0814i	1.6646+0.8317i	8.7904-1.0601i
67.9	-0.1806+1.5977i	51.6553-60.1527i	1.4710+0.6950i	2.1195+0.9757i	5.2580+3.7971i	1.4679-1.1570i	1.6535+0.8759i	9.0663-1.2952i
68.0	-0.0955+1.5970i	57.8315-63.1863i	1.5019+0.6654i	1.9749+1.0460i	5.4316+3.4213i	1.5436-1.1689i	1.5084+0.9542i	9.3080-1.2944i
68.1	-0.0639+1.5684i	61.8568-65.5541i	1.5632+0.6052i	1.9679+1.0617i	5.7066+3.1109i	1.5966-1.2118i	1.4626+0.9916i	9.5569-1.3857i
68.2	0.0735+1.5506i	62.9689-76.0909i	1.4732+0.5576i	1.8800+1.1542i	5.4370+2.5719i	1.6653-1.3462i	1.3676+1.1214i	9.8554-1.8831i
68.3	0.2448+1.5369i	67.2846-86.2449i	1.4002+0.5152i	1.6731+1.3222i	5.3288+1.9979i	1.7435-1.4864i	1.1652+1.3076i	10.1650-2.2227i
68.4	0.2718+1.5064i	67.8375-90.0951i	1.4439+0.4294i	1.7078+1.2850i	5.3360+1.6443i	1.7598-1.5532i	1.1933+1.2947i	10.3260-2.4636i
68.5	0.2955+1.4376i	67.4582-98.4751i	1.4429+0.3574i	1.8109+1.3427i	5.1910+1.1748i	1.7302-1.6785i	1.3002+1.3845i	10.4826-2.9901i
68.6	0.3986+1.4401i	68.1999-105.0676i	1.5053+0.2555i	1.8719+1.2307i	5.1931+0.7577i	1.7454-1.7951i	1.3702+1.2874i	10.6956-3.5818i

68.7	0.4922+1.4471i	66.1503-115.6964i	1.4673+0.1469i	1.9230+1.2409i	4.8768+0.2851i	1.7385-1.9234i	1.4290+1.3200i	10.8010-4.1478i
68.8	0.5570+1.3427i	61.5722-119.8833i	1.4589+0.0394i	2.0031+1.1710i	4.6899-0.0617i	1.6727-2.0149i	1.5122+1.2827i	10.6599-4.6594i
68.9	0.5993+1.2130i	53.1864-129.3654i	1.3603-0.0318i	2.1458+1.2049i	4.1640-0.4232i	1.5628-2.1623i	1.6676+1.3419i	10.4631-5.3115i
69.0	0.5595+1.1639i	48.7405-141.2250i	1.2676-0.1514i	2.2841+1.1453i	3.6879-0.8633i	1.5123-2.2881i	1.8193+1.3156i	10.4985-5.9647i
69.1	0.5920+1.0972i	44.2403-147.7713i	1.1984-0.2376i	2.3984+1.0162i	3.3921-1.1035i	1.4412-2.3892i	1.9434+1.2216i	10.4422-6.5294i
69.2	0.5694+0.9750i	33.5339-149.9946i	1.1177-0.2755i	2.4368+0.8357i	3.0580-1.1269i	1.3260-2.4337i	2.0084+1.0501i	10.0349-7.0120i
69.3	0.5839+0.8925i	30.4053-153.9044i	1.0895-0.3695i	2.4925+0.6568i	2.9538-1.3962i	1.2907-2.4975i	2.0733+0.8949i	9.9488-7.4348i
69.4	0.6100+0.8031i	23.1923-159.7013i	0.9829-0.4554i	2.4825+0.4473i	2.5420-1.6383i	1.1780-2.5866i	2.0795+0.7060i	9.5440-8.1214i
69.5	0.5924+0.7903i	12.7808-156.7698i	0.8985-0.4638i	2.5008+0.1607i	2.1766-1.4819i	1.0215-2.5257i	2.1371+0.4186i	8.7430-8.3417i
69.6	0.5690+0.8189i	-3.9897-158.1588i	0.6951-0.4205i	2.2838-0.2703i	1.6557-1.1938i	0.9070-2.5316i	1.9549-0.0048i	8.0596-8.6989i
69.7	0.4694+0.7436i	-11.3780-155.0643i	0.5924-0.4275i	2.0988-0.4196i	1.3793-1.1506i	0.8115-2.4896i	1.7824-0.1308i	7.5127-8.8045i
69.8	0.4263+0.7084i	-17.4325-151.8767i	0.5626-0.4275i	1.9292-0.5417i	1.2726-1.0862i	0.7635-2.4689i	1.6345-0.2458i	7.0760-8.9419i
69.9	0.4037+0.7114i	-25.0763-152.5899i	0.4692-0.4519i	1.7369-0.7095i	1.0137-1.1550i	0.6908-2.5066i	1.4786-0.4076i	6.5658-9.3350i
70.0	0.2640+0.7373i	-34.7239-152.5054i	0.3132-0.4386i	1.5630-0.9131i	0.5694-1.1157i	0.6014-2.4990i	1.3278-0.6049i	5.9492-9.4481i
70.1	0.2746+0.7894i	-41.2549-145.8619i	0.2728-0.3459i	1.3193-0.9927i	0.5293-0.7583i	0.5662-2.4226i	1.0894-0.7000i	5.5092-9.2157i
70.2	0.2648+0.8216i	-44.3142-140.4924i	0.1949-0.3196i	1.1355-0.9963i	0.3495-0.6437i	0.5229-2.3988i	0.9240-0.7174i	5.1104-9.0647i
70.3	0.2461+0.7761i	-49.4279-138.8550i	0.1181-0.3916i	0.8713-1.1980i	0.1277-0.7912i	0.4596-2.4550i	0.7048-0.9067i	4.6817-9.3439i
70.4	0.2727+0.7463i	-56.7565-135.1787i	-0.0154-0.3141i	0.5940-1.1020i	-0.0391-0.7101i	0.3435-2.4948i	0.4566-0.8245i	3.9751-9.3482i
70.5	0.2209+0.7822i	-59.1039-128.6408i	-0.0765-0.2239i	0.3939-1.0886i	-0.0636-0.4582i	0.2886-2.3683i	0.2778-0.8398i	3.4951-8.8185i
70.6	0.1716+0.8444i	-64.3543-122.7972i	-0.1493-0.1433i	0.1118-1.0839i	-0.1571-0.1819i	0.2609-2.2948i	0.0037-0.8459i	3.1744-8.5272i
70.7	0.2235+0.8738i	-67.8361-119.3634i	-0.2050-0.1557i	-0.1041-1.0222i	-0.1747-0.2252i	0.2081-2.3374i	-0.1961-0.7764i	2.8849-8.6296i
70.8	0.3503+0.8736i	-66.9277-111.1349i	-0.1484-0.0918i	-0.2418-0.9233i	0.0712-0.2314i	0.1924-2.2885i	-0.3291-0.6836i	2.7080-8.3230i
70.9	0.3323+0.9042i	-69.1323-106.8805i	-0.1837-0.0225i	-0.4379-0.9081i	0.0582-0.0734i	0.1818-2.2026i	-0.5198-0.6716i	2.4549-8.0210i
71.0	0.2606+0.8730i	-68.3542-106.7823i	-0.2760-0.0983i	-0.6342-0.9193i	-0.2213-0.3247i	0.1495-2.2617i	-0.7031-0.6806i	2.2661-8.1566i
71.1	0.2838+0.8894i	-70.2986-100.7301i	-0.3076+0.0400i	-0.7812-0.7252i	-0.3677-0.0612i	0.0656-2.1753i	-0.8310-0.5129i	1.8705-7.6831i
71.2	0.3389+0.9164i	-73.6971-94.7805i	-0.3452+0.1686i	-1.0024-0.5867i	-0.3668+0.1606i	0.0470-2.0836i	-1.0552-0.3949i	1.5718-7.2453i
71.3	0.3394+0.8814i	-74.8796-93.0905i	-0.4320+0.1909i	-1.1172-0.4992i	-0.5730+0.1495i	-0.0165-2.1013i	-1.1482-0.3069i	1.2030-7.2393i
71.4	0.4031+0.8961i	-74.1669-88.6658i	-0.3632+0.2375i	-1.2935-0.3376i	-0.3281+0.1763i	0.0402-2.1150i	-1.3298-0.1532i	1.3453-7.1421i
71.5	0.4462+0.8875i	-72.3523-84.3365i	-0.2548+0.2448i	-1.3201-0.1720i	-0.0277+0.0304i	0.1081-2.0942i	-1.3756+0.0169i	1.5337-6.9394i
71.6	0.4884+0.8678i	-71.7659-80.7625i	-0.1973+0.3034i	-1.3539+0.0478i	0.1121+0.0994i	0.0899-2.0705i	-1.4217+0.2288i	1.4860-6.7326i
71.7	0.5044+0.8827i	-73.2166-77.2670i	-0.2485+0.4220i	-1.4901+0.2020i	-0.0562+0.3630i	0.0092-1.9915i	-1.5429+0.3535i	1.1708-6.3434i
71.8	0.5043+0.8585i	-72.5780-73.9594i	-0.2314+0.3583i	-1.4808+0.2348i	-0.0376+0.1526i	0.0242-1.9682i	-1.5267+0.3957i	1.1277-6.2848i
71.9	0.4994+0.8127i	-71.3637-71.6039i	-0.2393+0.3635i	-1.5377+0.2925i	-0.0577+0.1321i	0.0448-1.9398i	-1.5715+0.4480i	1.0788-6.1741i
72.0	0.4553+0.8391i	-70.8935-69.5490i	-0.3000+0.5170i	-1.7545+0.6001i	-0.2192+0.4309i	0.0689-1.9427i	-1.7691+0.7331i	1.0774-5.7955i
72.1	0.4482+0.8122i	-71.0553-66.6673i	-0.3303+0.5411i	-1.8161+0.6069i	-0.3023+0.4807i	0.0144-1.8918i	-1.8352+0.7343i	0.8563-5.5549i
72.2	0.5733+0.7812i	-68.7504-61.5016i	-0.0976+0.4489i	-1.5058+0.7589i	0.3412+0.1452i	0.0788-1.8890i	-1.5713+0.8978i	1.3605-5.6311i
72.3	0.5073+0.7464i	-67.4662-60.7824i	-0.2329+0.3690i	-1.4704+0.8405i	-0.1172-0.2837i	-0.0123-1.9764i	-1.5012+0.9985i	0.9260-5.7955i
72.4	0.5037+0.7648i	-66.7534-58.3493i	-0.2544+0.4274i	-1.5519+0.9830i	-0.1720-0.1433i	0.0173-1.9208i	-1.5773+1.1208i	0.9335-5.4710i
72.5	0.4920+0.7401i	-65.1265-55.4626i	-0.1812+0.4131i	-1.5490+1.0089i	0.0098-0.1270i	0.0821-1.8569i	-1.5995+1.1467i	1.1712-5.2671i
72.6	0.4593+0.6785i	-65.1257-53.8711i	-0.2825+0.3761i	-1.6349+1.1226i	-0.2945-0.3167i	0.0270-1.9297i	-1.6726+1.2687i	0.8322-5.3393i
72.7	0.5466+0.6733i	-63.9441-52.3909i	-0.1904+0.2863i	-1.6651+1.2615i	-0.0359-0.7451i	0.1021-2.0686i	-1.7092+1.4281i	1.1245-5.7893i
72.8	0.6095+0.6354i	-62.4047-49.7386i	0.0053+0.2603i	-1.4318+1.3302i	0.4713-0.8154i	0.1536-2.0247i	-1.5032+1.4935i	1.5648-5.7027i
72.9	0.6561+0.7632i	-62.6843-46.9603i	0.1140+0.5306i	-1.3427+1.5600i	0.7743-0.0478i	0.2012-1.8861i	-1.4404+1.6725i	1.9652-4.9043i
73.0	0.6026+0.7437i	-61.4734-44.6842i	0.0321+0.5971i	-1.4371+1.6754i	0.5244+0.0225i	0.1526-1.8711i	-1.5250+1.7717i	1.7241-4.7293i
73.1	0.4671+0.7000i	-60.7993-44.4270i	-0.1978+0.6823i	-1.4408+1.8412i	-0.3844+0.2642i	-0.0964-1.8371i	-1.4667+1.9253i	0.8552-4.3267i
73.2	0.4637+0.7090i	-60.6697-43.6375i	-0.2511+0.7423i	-1.3840+1.9259i	-0.5301+0.3465i	-0.1158-1.8445i	-1.4188+2.0073i	0.7968-4.1695i
73.3	0.5487+0.6594i	-59.4602-41.2945i	-0.1221+0.5795i	-1.3955+1.8139i	0.0118-0.1375i	0.1037-1.8819i	-1.4618+1.9130i	1.4461-4.4765i
73.4	0.5463+0.7124i	-58.5896-40.1126i	-0.0216+0.6795i	-1.4245+1.8649i	0.3212+0.2227i	0.2019-1.7727i	-1.5213+1.9312i	1.8389-4.0684i
73.5	0.5084+0.6678i	-57.7022-39.0518i	-0.0537+0.6868i	-1.2994+1.9265i	0.0728+0.2253i	0.0889-1.7567i	-1.3889+2.0022i	1.6424-3.9480i
73.6	0.5150+0.6762i	-57.0694-38.1520i	0.0383+0.7330i	-1.2935+1.8569i	0.3840+0.5355i	0.1588-1.6014i	-1.4067+1.9198i	2.0352-3.4591i
73.7	0.5902+0.6999i	-57.4404-37.2620i	0.1705+0.7651i	-1.2494+2.0289i	0.8730+0.4374i	0.2711-1.6910i	-1.4110+2.1028i	2.5567-3.6476i
73.8	0.5280+0.6485i	-54.4558-36.9023i	0.0189+0.6595i	-1.2968+2.1365i	0.3690-0.0331i	0.2054-1.8776i	-1.4171+2.2308i	2.1797-4.2404i
73.9	0.4847+0.6292i	-53.1649-35.3198i	0.0471+0.6544i	-1.3223+2.1310i	0.4550+0.0093i	0.2489-1.8421i	-1.4489+2.2275i	2.3776-4.0992i
74.0	0.4704+0.5996i	-52.5747-33.8297i	0.0265+0.5642i	-1.3051+2.0938i	0.4281-0.3231i	0.2599-1.8836i	-1.4407+2.2076i	2.4116-4.3000i
74.1	0.4218+0.5621i	-50.3862-33.1641i	-0.0673+0.4897i	-1.1932+1.9658i	0.0546-0.3940i	0.1698-1.7962i	-1.3189+2.0758i	2.0631-4.2338i
74.2	0.3906+0.6287i	-49.4611-32.9656i	-0.1026+0.6308i	-1.2865+2.2014i	0.0920-0.0332i	0.2065-1.8339i	-1.4097+2.3056i	2.1893-4.1124i
74.3	0.4065+0.6356i	-49.8438-33.1907i	-0.1337+0.6396i	-1.3458+2.2843i	0.1663-0.0997i	0.2620-1.8880i	-1.4710+2.3949i	2.3161-4.2330i
74.4	0.3946+0.6833i	-48.4072-32.5095i	-0.1785+0.7384i	-1.4461+2.5707i	0.0873-0.0074i	0.2829-2.0075i	-1.5741+2.6866i	2.3993-4.2876i
74.5	0.4995+0.7045i	-47.7158-28.9169i	-0.0047+0.6215i	-1.3378+2.6807i	0.9225-0.6410i	0.5071-2.1967i	-1.5143+2.8456i	3.2180-4.9983i
74.6	0.5027+0.6897i	-47.2162-29.3097i	0.0253+0.5804i	-1.2437+2.6347i	1.1953-0.7687i	0.5574-2.1886i	-1.4392+2.8020i	3.4239-5.0922i
74.7	0.3630+0.6945i	-45.4802-29.2405i	-0.2258+0.6369i	-1.4148+2.6717i	0.4499-0.7781i	0.4366-2.2097i	-1.5677+2.8450i	2.7514-5.0240i
74.8	0.3589+0.7518i	-44.7384-29.0059i	-0.2407+0.6992i	-1.5092+2.7590i	0.5819-0.7232i	0.5219-2.2428i	-1.6733+2.9371i	2.9433-4.9786i
74.9	0.3697+0.7597i	-43.2065-29.2029i	-0.2284+0.7594i	-1.4684+2.7758i	0.6335-0.6894i	0.5211-2.2573i	-1.6380+2.9612i	2.9629-4.8864i

75.0	0.3836+0.8410i	-43.2258-28.8583i	-0.2141+0.8665i	-1.5265+2.9502i	0.9113-0.7210i	0.6028-2.3765i	-1.7146+3.1503i	3.2710-5.0580i
75.1	0.3972+0.8558i	-42.9935-28.5648i	-0.1919+0.8811i	-1.4345+3.0710i	0.9455-0.9422i	0.5552-2.4814i	-1.6169+3.2780i	3.2082-5.3463i
75.2	0.4175+0.9285i	-42.5913-29.2052i	-0.1657+1.0090i	-1.3720+3.3095i	0.9468-0.7280i	0.4948-2.5140i	-1.5573+3.4972i	3.1852-5.1871i
75.3	0.4585+0.9303i	-40.8703-28.3086i	-0.1116+0.9618i	-1.1749+3.4870i	0.8613-1.3261i	0.3687-2.7388i	-1.3525+3.7226i	2.9698-5.8902i
75.4	0.5561+0.8667i	-40.0770-26.2220i	-0.0607+0.8117i	-0.9382+3.4383i	0.7266-2.1829i	0.1747-2.9250i	-1.0904+3.7340i	2.5242-6.6629i
75.5	0.5585+0.8895i	-38.3851-25.7259i	-0.0745+0.8358i	-0.9503+3.6960i	0.4971-2.5719i	0.1067-3.0850i	-1.0814+4.0303i	2.3276-6.9522i
75.6	0.5874+0.9308i	-37.0363-25.5979i	-0.0068+0.9254i	-0.8957+3.9021i	0.7057-2.7083i	0.1038-3.1819i	-1.0584+4.2527i	2.5809-7.0646i
75.7	0.6269+0.9565i	-36.7514-26.0386i	0.0292+0.9880i	-0.8723+4.0002i	0.7598-2.7079i	0.0863-3.1903i	-1.0264+4.3419i	2.5381-6.9436i
75.8	0.6674+0.9555i	-36.9300-27.1102i	0.0679+1.0247i	-0.7641+4.0516i	0.7478-2.7568i	0.0140-3.1872i	-0.9049+4.3972i	2.4105-6.9028i
75.9	0.7320+0.9067i	-36.5934-26.9440i	0.1154+0.9428i	-0.5243+4.1865i	0.4209-3.5006i	-0.1985-3.3588i	-0.6378+4.5982i	2.0068-7.5091i
76.0	0.7890+0.8905i	-35.9313-27.1669i	0.2151+0.8997i	-0.1714+4.3722i	0.0831-3.8459i	-0.4179-3.4610i	-0.2612+4.8044i	1.6969-7.8860i
76.1	0.8719+0.8777i	-35.7253-26.2323i	0.3170+0.8481i	0.0011+4.5398i	0.1658-4.4302i	-0.4758-3.6760i	-0.0911+5.0081i	1.8386-8.4328i
76.2	0.8538+0.7840i	-34.4786-25.6091i	0.2040+0.7848i	0.1855+4.2883i	-0.6064-4.4565i	-0.7399-3.5092i	0.1625+4.7612i	0.9468-8.1124i
76.3	0.9753+0.7980i	-35.0385-25.9695i	0.3480+0.7850i	0.5699+4.3798i	-0.9928-4.7059i	-1.0120-3.5597i	0.5824+4.8922i	0.5086-8.3618i
76.4	1.0865+0.7925i	-35.0492-26.5175i	0.4008+0.7857i	0.7707+4.4535i	-1.2217-4.8729i	-1.1401-3.5793i	0.7987+4.9619i	0.3759-8.4783i
76.5	1.0023+0.7402i	-33.9591-26.6904i	0.3383+0.7570i	0.8150+4.5026i	-1.6082-5.0111i	-1.1987-3.5773i	0.8666+5.0188i	0.2149-8.4793i
76.6	0.9316+0.6556i	-33.6298-26.5045i	0.2946+0.5922i	1.0733+4.2640i	-2.0941-5.2738i	-1.3772-3.4859i	1.1579+4.8074i	-0.2305-8.6535i
76.7	0.9369+0.6233i	-34.5233-25.8025i	0.2212+0.4879i	1.1878+3.9304i	-2.6087-5.4401i	-1.4957-3.3551i	1.3263+4.4823i	-0.7686-8.6427i
76.8	0.9708+0.6396i	-34.0768-27.1110i	0.2071+0.5595i	1.2960+3.8942i	-2.8436-5.4075i	-1.5799-3.2726i	1.4616+4.4344i	-0.7949-8.4986i
76.9	1.0017+0.6094i	-34.0596-27.5417i	0.2109+0.5349i	1.4764+3.8525i	-3.2943-5.4207i	-1.6935-3.2236i	1.6957+4.3986i	-1.1066-8.5230i
77.0	0.9232+0.4838i	-33.6744-25.4376i	0.0094+0.3652i	1.4876+3.5401i	-4.2855-5.3628i	-1.8632-3.0689i	1.7909+4.0809i	-2.0834-8.4017i
77.1	0.9547+0.5001i	-34.0591-25.5409i	0.0202+0.4330i	1.5429+3.5947i	-4.6376-5.0839i	-1.8984-3.0379i	1.8536+4.1064i	-2.2119-8.1530i
77.2	0.9073+0.4449i	-32.1698-26.7948i	-0.1388+0.5560i	1.5371+3.5261i	-5.4051-4.5676i	-2.0520-2.8605i	1.9004+3.9866i	-2.8668-7.6104i
77.3	0.9370+0.3757i	-32.3931-25.0094i	-0.2634+0.5311i	1.6050+3.5024i	-6.1119-4.8377i	-2.1952-2.9217i	2.0295+3.9640i	-3.2674-7.7726i
77.4	0.9434+0.3922i	-32.8624-23.9360i	-0.2876+0.5802i	1.5735+3.4268i	-6.5505-4.5917i	-2.1953-2.8581i	2.0374+3.8676i	-3.4584-7.5956i
77.5	0.8634+0.3850i	-32.0667-24.2437i	-0.3496+0.7011i	1.5308+3.3889i	-6.9289-4.0957i	-2.2199-2.7300i	2.0326+3.7869i	-3.6575-7.2092i
77.6	0.7863+0.3576i	-31.8862-24.3341i	-0.4495+0.7719i	1.5170+3.2820i	-7.4035-3.6078i	-2.2810-2.6538i	2.0560+3.6377i	-4.1433-6.9006i
77.7	0.7603+0.4504i	-32.3661-23.8747i	-0.5074+0.8760i	1.3477+3.2102i	-7.6105-3.1308i	-2.2140-2.5818i	1.8913+3.5265i	-4.2294-6.4679i
77.8	0.7733+0.4561i	-32.1535-23.1081i	-0.4757+1.0023i	1.4010+3.3130i	-7.9144-2.5622i	-2.3601-2.5229i	1.9816+3.5748i	-4.4606-5.9691i
77.9	0.8113+0.4162i	-30.8938-21.3780i	-0.4490+1.0501i	1.5270+3.3361i	-8.4517-2.2578i	-2.5492-2.4737i	2.1502+3.5677i	-4.8976-5.7649i
78.0	0.8803+0.4289i	-30.9342-21.9801i	-0.5092+1.1835i	1.5810+3.1602i	-8.9956-1.5731i	-2.7228-2.2963i	2.2579+3.3317i	-5.5500-5.4030i
78.1	0.9049+0.4798i	-31.6392-22.2138i	-0.4567+1.3176i	1.6464+3.2991i	-9.0333-1.1026i	-2.7660-2.2896i	2.3176+3.4319i	-5.4135-5.0313i
78.2	0.8666+0.4796i	-30.9466-22.4052i	-0.4463+1.3964i	1.6540+3.2402i	-8.9472-0.4227i	-2.7307-2.1211i	2.3253+3.2915i	-5.3562-4.3732i
78.3	0.8055+0.4440i	-29.2971-21.9524i	-0.5517+1.4913i	1.4580+3.0803i	-9.2051+0.4085i	-2.7040-1.8680i	2.1570+3.0471i	-5.7964-3.5000i
78.4	0.8914+0.4291i	-30.7492-22.4515i	-0.3510+1.6073i	1.6199+3.1361i	-8.9624+0.9494i	-2.7590-1.7570i	2.2869+3.0533i	-5.5211-3.1599i
78.5	0.9664+0.4430i	-31.7404-23.7558i	-0.2094+1.7607i	1.7708+3.2320i	-8.8618+1.6234i	-2.8586-1.6667i	2.4260+3.1028i	-5.3559-2.6413i
78.6	0.9946+0.4222i	-31.1288-24.0296i	-0.0033+1.9446i	1.8326+3.4513i	-8.3341+2.5821i	-2.8185-1.5637i	2.4333+3.2407i	-4.7640-1.8140i
78.7	0.9937+0.4163i	-30.5420-22.9775i	0.0580+2.1204i	1.7513+3.5618i	-8.3088+3.3514i	-2.7538-1.4553i	2.3236+3.2598i	-4.7263-1.0491i
78.8	1.0360+0.3320i	-32.4124-20.9524i	0.2638+2.1116i	1.8778+3.4667i	-7.5512+3.9505i	-2.6863-1.2844i	2.3678+3.1040i	-4.1637-0.5441i
78.9	1.0430+0.2388i	-32.3111-17.0340i	0.4011+1.9948i	1.9516+3.3638i	-6.8458+4.0387i	-2.5800-1.2015i	2.3715+2.9729i	-3.5904-0.4167i
79.0	1.0022+0.2676i	-28.4436-15.9222i	0.4360+1.9266i	1.9757+3.4790i	-6.4584+3.4037i	-2.5307-1.3549i	2.3525+3.1587i	-2.9276-0.9510i
79.1	0.9628+0.3260i	-27.2509-20.4824i	0.5359+2.0326i	2.1882+3.5306i	-6.0956+3.8193i	-2.5532-1.2146i	2.5213+3.2114i	-2.4730-0.5699i
79.2	0.9488+0.2729i	-25.8106-21.3454i	0.5761+2.1008i	2.2583+3.5743i	-6.1065+4.4727i	-2.5502-1.0935i	2.5609+3.1883i	-2.4464-0.0177i
79.3	0.9930+0.2626i	-25.9737-21.1430i	0.7339+2.1605i	2.3364+3.6566i	-5.6499+4.6888i	-2.4977-1.0719i	2.5942+3.2394i	-1.8868+0.0516i
79.4	0.9891+0.2477i	-25.6107-20.8183i	0.9790+2.2636i	2.5131+3.8759i	-4.9105+4.9367i	-2.4304-1.0770i	2.6695+3.4575i	-0.9069+0.2767i
79.5	1.0120+0.2277i	-25.1936-22.6441i	1.1689+2.1865i	2.7680+3.6801i	-4.3354+5.1213i	-2.3998-0.9696i	2.8275+3.2752i	-0.3549+0.1679i
79.6	1.0212+0.2154i	-26.4522-22.8990i	1.3676+2.0140i	2.9480+3.4935i	-3.8294+4.6939i	-2.3320-0.9475i	2.9945+3.1537i	0.0929-0.4908i
79.7	0.9768+0.1891i	-27.2670-21.9684i	1.4593+1.8917i	2.9798+3.4089i	-3.3982+4.1076i	-2.2284-1.0201i	3.0126+3.1282i	0.4912-1.1136i
79.8	1.0037+0.1616i	-26.9444-21.3959i	1.5308+1.8433i	3.0731+3.4375i	-3.4110+4.0630i	-2.2692-1.0375i	3.1082+3.1674i	0.5148-1.3355i
79.9	0.9967+0.1387i	-26.4212-21.8731i	1.6242+1.7773i	3.2114+3.3798i	-3.0596+4.0797i	-2.2729-0.9794i	3.2154+3.1204i	0.8594-1.5449i
80.0	0.8957+0.1254i	-25.8126-21.3392i	1.6554+1.6018i	3.3068+3.2523i	-2.9422+3.6876i	-2.2548-0.9671i	3.2984+3.0366i	0.8361-1.9300i

2.1.21 Run 2 – IP270-200 – Accels 17–24

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-2.5390+0.0000i	-6.9769+0.0000i	13.3430+0.0000i	11.5316+0.0000i	6.6107+0.0000i	11.4244+0.0000i	6.0514+0.0000i	10.9873+0.0000i
0.1	-2.5357-2.5812i	-6.6371-0.3915i	11.8318+1.0005i	11.1177+2.7811i	6.4215-0.5135i	11.7661+1.2979i	5.5318-0.7944i	9.6653+0.2601i
0.2	-0.2278-0.3580i	0.2356+0.6908i	-1.2012+1.9186i	1.1490+0.9528i	0.4225-0.5416i	-2.4835+1.6314i	0.9255-1.3679i	-0.7911+0.9243i
0.3	-0.1736+0.3404i	0.4078+0.5513i	-2.5749+2.5788i	0.4692+0.7434i	-1.4787+1.8904i	-0.3148+1.3134i	0.0873+0.2481i	-0.5631+1.2325i
0.4	0.6336+1.6016i	-0.1453-0.2793i	-0.3725+0.0493i	0.5899+0.8099i	-0.7637+0.1818i	0.5232+1.3404i	0.4476+0.6763i	0.3250+0.5905i
0.5	-0.2863+0.4458i	0.0022-0.0860i	-0.1190+0.0987i	0.3494-0.1324i	0.2299+0.1465i	0.8056-0.4412i	-0.0378+0.3121i	0.0363+0.1803i
0.6	-0.0763+0.0863i	0.1327-0.0643i	-0.0364-0.0117i	0.0044+0.0326i	0.0464+0.0048i	-0.0485-0.0168i	0.0426-0.0931i	0.0489+0.0045i
0.7	0.0330+0.0331i	0.1156+0.0000i	-0.0127-0.0408i	-0.0091+0.0189i	0.0545-0.0187i	-0.1125+0.0500i	0.0346+0.0323i	0.0815+0.0093i
0.8	0.0230+0.0092i	0.1417+0.0117i	-0.0190-0.0320i	-0.0044-0.0385i	0.0690+0.0127i	0.0121+0.0241i	0.0310+0.0124i	0.1102+0.0132i
0.9	-0.0092+0.0021i	0.1821+0.0015i	-0.0146+0.0105i	0.0052-0.0158i	0.1033+0.0093i	0.0275+0.0038i	0.0223-0.0078i	0.1509+0.0131i
1.0	-0.0077+0.0189i	0.2044-0.0182i	-0.0071+0.0043i	0.0178+0.0154i	0.1487+0.0374i	0.0078+0.0032i	0.0192-0.0171i	0.1843+0.0169i
1.1	-0.0036+0.0230i	0.2825-0.0281i	-0.0129+0.0174i	0.0220+0.0078i	0.2166+0.0478i	0.0072+0.0034i	0.0229-0.0229i	0.2584+0.0174i
1.2	-0.0343+0.0190i	0.3802-0.0400i	0.0010+0.0299i	0.0042+0.0009i	0.2492+0.0546i	0.0111+0.0012i	0.0314-0.0362i	0.3263+0.0170i
1.3	-0.0332+0.0938i	0.4837-0.0731i	0.0428+0.0250i	0.0111+0.0555i	0.4218+0.2244i	0.0141-0.0002i	0.0006-0.0719i	0.4615+0.0800i
1.4	0.2047+0.0700i	0.7048-0.1215i	0.0697-0.0150i	0.1973+0.0401i	1.3568+0.0404i	0.0179-0.0013i	-0.1526-0.0267i	1.0238-0.0149i
1.5	0.2636-0.1984i	1.0250-0.3493i	0.0656-0.0552i	0.2670-0.1664i	1.8158-1.0133i	0.0238-0.0082i	-0.1752+0.1559i	1.4346-0.6203i
1.6	0.0700-0.2837i	1.1085-0.6176i	0.0476-0.0738i	0.1387-0.2479i	1.3067-1.5411i	0.0230-0.0137i	-0.0457+0.2141i	1.2552-1.0217i
1.7	-0.1974-0.1408i	0.8037-1.3924i	-0.0023-0.1097i	-0.0702-0.2115i	0.1592-1.9350i	0.0140-0.0280i	0.1490+0.1462i	0.5671-1.6561i
1.8	-0.1950+0.0721i	-0.1732-1.6646i	-0.0852-0.1092i	-0.1438-0.0854i	-0.9231-1.5878i	-0.0019-0.0302i	0.2069+0.0215i	-0.4786-1.6728i
1.9	-0.0182+0.1622i	-0.9870-1.2578i	-0.1528-0.0724i	-0.0797+0.0102i	-1.3317-0.8774i	-0.0166-0.0223i	0.1566-0.0541i	-1.1331-1.1301i
2.0	0.0704+0.1610i	-1.0390-0.9626i	-0.1826-0.0438i	-0.0153+0.0318i	-1.2049-0.5462i	-0.0182-0.0178i	0.1452-0.0754i	-1.1096-0.8118i
2.1	0.1690+0.1061i	-0.9335-0.6749i	-0.2509+0.0010i	0.0815+0.0086i	-1.0036-0.3322i	-0.0204-0.0113i	0.1887-0.0895i	-0.9609-0.5502i
2.2	0.3090-0.1111i	-0.9009-0.4909i	-0.3726+0.2301i	0.2134-0.1836i	-0.8972-0.2034i	-0.0281+0.0063i	0.2798-0.2678i	-0.8910-0.3954i
2.3	0.1262-0.3718i	-0.8933-0.4313i	-0.1393+0.5172i	0.0273-0.4321i	-0.8314-0.1483i	-0.0133+0.0263i	0.0700-0.5116i	-0.8675-0.3488i
2.4	-0.2498-0.1705i	-0.8467-0.3826i	0.2910+0.2777i	-0.3391-0.2252i	-0.7449-0.1174i	0.0154+0.0124i	-0.3065-0.3048i	-0.8215-0.2954i
2.5	-0.1503+0.0493i	-0.7657-0.3444i	0.1708+0.0276i	-0.2311-0.0050i	-0.6791-0.1007i	0.0106-0.0043i	-0.1994-0.0852i	-0.7414-0.2539i
2.6	-0.0755+0.0710i	-0.7270-0.2901i	0.0893-0.0027i	-0.1553+0.0220i	-0.6366-0.0723i	0.0067-0.0064i	-0.1304-0.0521i	-0.6977-0.2087i
2.7	-0.0407+0.0729i	-0.7112-0.2601i	0.0578-0.0077i	-0.1218+0.0271i	-0.6018-0.0559i	0.0044-0.0064i	-0.1081-0.0437i	-0.6718-0.1837i
2.8	-0.0098+0.0569i	-0.7223-0.2034i	0.0345-0.0062i	-0.0955+0.0220i	-0.5784-0.0469i	0.0044-0.0038i	-0.0977-0.0322i	-0.6664-0.1468i
2.9	0.0032+0.0500i	-0.6908-0.1819i	0.0200-0.0042i	-0.0813+0.0201i	-0.5439-0.0397i	0.0043-0.0041i	-0.0867-0.0299i	-0.6327-0.1301i
3.0	0.0176+0.0687i	-0.6858-0.2081i	0.0102-0.0099i	-0.0684+0.0309i	-0.5208-0.0278i	0.0047-0.0060i	-0.0826-0.0337i	-0.6194-0.1380i
3.1	0.0268+0.0662i	-0.6698-0.1968i	0.0022-0.0082i	-0.0581+0.0288i	-0.4997-0.0257i	0.0052-0.0048i	-0.0762-0.0340i	-0.5988-0.1309i
3.2	0.0188+0.0596i	-0.6251-0.1876i	-0.0009-0.0054i	-0.0602+0.0262i	-0.4811-0.0279i	0.0072-0.0042i	-0.0691-0.0337i	-0.5636-0.1265i
3.3	0.0174+0.0849i	-0.6132-0.2378i	-0.0010-0.0119i	-0.0610+0.0402i	-0.4699-0.0243i	0.0088-0.0080i	-0.0715-0.0402i	-0.5514-0.1539i
3.4	0.0555+0.1004i	-0.6815-0.2554i	-0.0116-0.0203i	-0.0365+0.0497i	-0.4565-0.0133i	0.0061-0.0097i	-0.0821-0.0402i	-0.5866-0.1605i
3.5	0.0666+0.0730i	-0.6885-0.1882i	-0.0204-0.0170i	-0.0279+0.0369i	-0.4465-0.0171i	0.0062-0.0067i	-0.0820-0.0270i	-0.5867-0.1225i
3.6	0.0753+0.0724i	-0.6965-0.1822i	-0.0251-0.0184i	-0.0229+0.0370i	-0.4377-0.0185i	0.0052-0.0074i	-0.0835-0.0248i	-0.5885-0.1201i
3.7	0.0697+0.0562i	-0.6726-0.1446i	-0.0285-0.0122i	-0.0249+0.0296i	-0.4326-0.0143i	0.0072-0.0058i	-0.0763-0.0205i	-0.5717-0.0977i
3.8	0.0791+0.0324i	-0.6813-0.0970i	-0.0365-0.0042i	-0.0186+0.0168i	-0.4219-0.0170i	0.0061-0.0031i	-0.0779-0.0138i	-0.5720-0.0703i
3.9	0.0600+0.0272i	-0.6282-0.0911i	-0.0335+0.0017i	-0.0302+0.0120i	-0.4137-0.0199i	0.0097-0.0033i	-0.0727-0.0138i	-0.5383-0.0674i
4.0	0.0690+0.0334i	-0.6423-0.0986i	-0.0411-0.0015i	-0.0232+0.0152i	-0.4159-0.0242i	0.0110-0.0043i	-0.0745-0.0119i	-0.5474-0.0741i
4.1	0.0753+0.0251i	-0.6541-0.0757i	-0.0468-0.0018i	-0.0190+0.0116i	-0.4127-0.0230i	0.0113-0.0044i	-0.0767-0.0063i	-0.5525-0.0612i
4.2	0.0809+0.0380i	-0.6600-0.0959i	-0.0472-0.0094i	-0.0183+0.0190i	-0.3973-0.0253i	0.0138-0.0067i	-0.0845-0.0071i	-0.5496-0.0742i
4.3	0.0619+0.0274i	-0.6122-0.0723i	-0.0460+0.0031i	-0.0266+0.0124i	-0.3973-0.0219i	0.0171-0.0056i	-0.0741-0.0059i	-0.5202-0.0588i
4.4	0.0534+0.0219i	-0.5876-0.0631i	-0.0486+0.0127i	-0.0286+0.0085i	-0.3981-0.0170i	0.0182-0.0034i	-0.0664-0.0051i	-0.5044-0.0516i
4.5	0.0563+0.0192i	-0.5858-0.0565i	-0.0518+0.0164i	-0.0244+0.0084i	-0.3972-0.0209i	0.0189-0.0039i	-0.0624-0.0040i	-0.5017-0.0480i
4.6	0.0572+0.0138i	-0.5838-0.0495i	-0.0489+0.0224i	-0.0241+0.0084i	-0.3932-0.0232i	0.0191-0.0044i	-0.0636-0.0023i	-0.4979-0.0443i
4.7	0.0544+0.0099i	-0.5735-0.0421i	-0.0427+0.0238i	-0.0257+0.0046i	-0.3918-0.0238i	0.0191-0.0024i	-0.0611-0.0018i	-0.4905-0.0401i
4.8	0.0492+0.0153i	-0.5602-0.0532i	-0.0389+0.0221i	-0.0282+0.0044i	-0.3885-0.0175i	0.0229-0.0014i	-0.0576-0.0086i	-0.4796-0.0452i
4.9	0.0440+0.0194i	-0.5459-0.0568i	-0.0394+0.0162i	-0.0318+0.0053i	-0.3812-0.0158i	0.0298-0.0019i	-0.0549-0.0091i	-0.4646-0.0462i
5.0	0.0475+0.0138i	-0.5437-0.0541i	-0.0430+0.0121i	-0.0318+0.0040i	-0.3767-0.0227i	0.0282-0.0024i	-0.0552-0.0073i	-0.4640-0.0482i
5.1	0.0508+0.0141i	-0.5474-0.0598i	-0.0470+0.0049i	-0.0310+0.0059i	-0.3760-0.0332i	0.0282-0.0044i	-0.0578-0.0038i	-0.4676-0.0551i
5.2	0.0553+0.0134i	-0.5524-0.0629i	-0.0530+0.0022i	-0.0269+0.0045i	-0.3762-0.0396i	0.0291-0.0036i	-0.0591-0.0025i	-0.4681-0.0589i
5.3	0.0504+0.0132i	-0.5453-0.0567i	-0.0622-0.0013i	-0.0275+0.0017i	-0.3825-0.0417i	0.0299-0.0042i	-0.0536-0.0008i	-0.4647-0.0566i
5.4	0.0518+0.0208i	-0.5472-0.0677i	-0.0779-0.0209i	-0.0251+0.0099i	-0.3861-0.0499i	0.0317-0.0113i	-0.0507+0.0042i	-0.4660-0.0670i
5.5	0.0591+0.0187i	-0.5487-0.0825i	-0.0878-0.0172i	-0.0204+0.0083i	-0.3786-0.0581i	0.0316-0.0095i	-0.0497+0.0007i	-0.4628-0.0789i
5.6	0.0626+0.0061i	-0.5504-0.0755i	-0.0930+0.0030i	-0.0184-0.0042i	-0.3805-0.0590i	0.0282-0.0034i	-0.0482-0.0075i	-0.4644-0.0791i

5.7	0.0573+0.0000i	-0.5667-0.0774i	-0.0933+0.0123i	-0.0242-0.0111i	-0.3950-0.0643i	0.0313-0.0007i	-0.0530-0.0152i	-0.4783-0.0827i
5.8	0.0455+0.0049i	-0.5623-0.0705i	-0.0834-0.0026i	-0.0369-0.0036i	-0.4026-0.0631i	0.0390-0.0051i	-0.0597-0.0096i	-0.4804-0.0756i
5.9	0.0448+0.0030i	-0.5862-0.0829i	-0.0928-0.0142i	-0.0395-0.0034i	-0.4168-0.0771i	0.0389-0.0097i	-0.0646-0.0086i	-0.5050-0.0894i
6.0	0.0491+0.0113i	-0.5816-0.0883i	-0.1286-0.0167i	-0.0293+0.0028i	-0.4145-0.0696i	0.0314-0.0128i	-0.0557-0.0065i	-0.4991-0.0908i
6.1	0.0499+0.0068i	-0.5842-0.0813i	-0.1450+0.0032i	-0.0282-0.0043i	-0.4192-0.0617i	0.0326-0.0053i	-0.0539-0.0135i	-0.5001-0.0843i
6.2	0.0485+0.0030i	-0.5937-0.0740i	-0.1452+0.0081i	-0.0329-0.0076i	-0.4252-0.0568i	0.0350-0.0040i	-0.0586-0.0119i	-0.5086-0.0780i
6.3	0.0390+0.0015i	-0.5855-0.0538i	-0.1600+0.0105i	-0.0394-0.0068i	-0.4256-0.0399i	0.0354-0.0004i	-0.0605-0.0097i	-0.5026-0.0549i
6.4	0.0331+0.0018i	-0.5685-0.0457i	-0.1682+0.0136i	-0.0411-0.0051i	-0.4207-0.0291i	0.0391+0.0042i	-0.0602-0.0075i	-0.4869-0.0446i
6.5	0.0364+0.0009i	-0.5798-0.0542i	-0.1579+0.0214i	-0.0436-0.0079i	-0.4250-0.0371i	0.0409+0.0049i	-0.0642-0.0128i	-0.4968-0.0563i
6.6	0.0269-0.0017i	-0.5916-0.0424i	-0.1943+0.0056i	-0.0512-0.0067i	-0.4338-0.0343i	0.0442-0.0019i	-0.0694-0.0083i	-0.5076-0.0475i
6.7	0.0145-0.0034i	-0.5880-0.0306i	-0.2267-0.0090i	-0.0572-0.0091i	-0.4409-0.0251i	0.0456+0.0018i	-0.0703-0.0051i	-0.5094-0.0316i
6.8	0.0069+0.0011i	-0.5910-0.0374i	-0.2718-0.0087i	-0.0600-0.0091i	-0.4401-0.0335i	0.0459+0.0029i	-0.0751-0.0055i	-0.5118-0.0374i
6.9	0.0045+0.0207i	-0.5859-0.0490i	-0.3213+0.0494i	-0.0596-0.0015i	-0.4300-0.0365i	0.0447+0.0082i	-0.0776-0.0026i	-0.5005-0.0483i
7.0	-0.0175+0.0396i	-0.5734-0.0433i	-0.4232+0.0991i	-0.0692+0.0089i	-0.4270-0.0293i	0.0426+0.0121i	-0.0840+0.0004i	-0.4903-0.0416i
7.1	-0.0173+0.0821i	-0.5753-0.0446i	-0.4377+0.2790i	-0.0719+0.0330i	-0.4279-0.0299i	0.0441+0.0138i	-0.0816+0.0163i	-0.4863-0.0412i
7.2	0.0530+0.1357i	-0.5881-0.0509i	-0.1911+0.4664i	-0.0407+0.0555i	-0.4312-0.0356i	0.0559+0.0128i	-0.0617+0.0368i	-0.4887-0.0445i
7.3	0.1187+0.1150i	-0.5949-0.0543i	0.0172+0.4088i	-0.0124+0.0462i	-0.4344-0.0329i	0.0605+0.0251i	-0.0405+0.0297i	-0.4881-0.0440i
7.4	0.1175+0.0585i	-0.5962-0.0449i	-0.0027+0.2117i	-0.0130+0.0239i	-0.4365-0.0332i	0.0557+0.0168i	-0.0373+0.0186i	-0.4919-0.0400i
7.5	0.1032+0.0385i	-0.6006-0.0495i	-0.0520+0.1510i	-0.0234+0.0137i	-0.4357-0.0382i	0.0659+0.0158i	-0.0476+0.0095i	-0.4952-0.0473i
7.6	0.0967+0.0259i	-0.6011-0.0490i	-0.0750+0.1152i	-0.0253+0.0039i	-0.4363-0.0348i	0.0682+0.0215i	-0.0493+0.0020i	-0.4894-0.0465i
7.7	0.0891+0.0208i	-0.6101-0.0467i	-0.1137+0.0996i	-0.0302+0.0032i	-0.4406-0.0378i	0.0745+0.0128i	-0.0605+0.0011i	-0.4932-0.0459i
7.8	0.0863+0.0165i	-0.6111-0.0467i	-0.1709+0.0699i	-0.0290+0.0025i	-0.4444-0.0396i	0.0546+0.0119i	-0.0571-0.0020i	-0.4971-0.0534i
7.9	0.0750+0.0180i	-0.6085-0.0511i	-0.2640+0.1109i	-0.0347-0.0005i	-0.4445-0.0443i	0.0403+0.0380i	-0.0588-0.0065i	-0.4950-0.0598i
8.0	0.0705+0.0188i	-0.6142-0.0487i	-0.2834+0.1393i	-0.0370-0.0024i	-0.4458-0.0430i	0.0446+0.0527i	-0.0627-0.0076i	-0.4909-0.0561i
8.1	0.0720+0.0229i	-0.6187-0.0536i	-0.2645+0.1755i	-0.0424-0.0021i	-0.4471-0.0398i	0.0688+0.0707i	-0.0673-0.0079i	-0.4907-0.0567i
8.2	0.0709+0.0273i	-0.6207-0.0533i	-0.2703+0.2004i	-0.0442-0.0001i	-0.4466-0.0420i	0.0778+0.0798i	-0.0685-0.0075i	-0.4897-0.0620i
8.3	0.0683+0.0268i	-0.6268-0.0574i	-0.3143+0.2351i	-0.0460+0.0011i	-0.4540-0.0471i	0.0729+0.1019i	-0.0713-0.0090i	-0.4947-0.0630i
8.4	0.0671+0.0237i	-0.6323-0.0566i	-0.3420+0.2342i	-0.0470-0.0017i	-0.4545-0.0442i	0.0721+0.1147i	-0.0735-0.0078i	-0.4987-0.0592i
8.5	0.0648+0.0238i	-0.6360-0.0538i	-0.3973+0.2358i	-0.0479-0.0032i	-0.4546-0.0451i	0.0590+0.1174i	-0.0750-0.0058i	-0.4948-0.0578i
8.6	0.0644+0.0249i	-0.6376-0.0558i	-0.4817+0.2524i	-0.0479-0.0033i	-0.4535-0.0545i	0.0216+0.1195i	-0.0768-0.0068i	-0.4947-0.0652i
8.7	0.0608+0.0285i	-0.6444-0.0619i	-0.5088+0.2620i	-0.0554-0.0007i	-0.4512-0.0615i	0.0039+0.1253i	-0.0815-0.0042i	-0.4920-0.0758i
8.8	0.0580+0.0360i	-0.6506-0.0607i	-0.5056+0.3475i	-0.0616+0.0019i	-0.4483-0.0633i	0.0333+0.1784i	-0.0853-0.0034i	-0.4829-0.0804i
8.9	0.0540+0.0504i	-0.6482-0.0659i	-0.5456+0.4412i	-0.0660+0.0022i	-0.4535-0.0711i	0.0364+0.2387i	-0.0942+0.0026i	-0.4814-0.0884i
9.0	0.0485+0.0632i	-0.6457-0.0752i	-0.5713+0.5613i	-0.0736+0.0038i	-0.4516-0.0845i	0.0434+0.3124i	-0.1014+0.0088i	-0.4785-0.1002i
9.1	0.0548+0.0815i	-0.6465-0.0866i	-0.5416+0.6410i	-0.0784+0.0110i	-0.4461-0.0994i	0.0915+0.3660i	-0.1037+0.0136i	-0.4726-0.1149i
9.2	0.0596+0.1012i	-0.6485-0.0992i	-0.5470+0.7328i	-0.0840+0.0239i	-0.4397-0.1160i	0.1270+0.4057i	-0.1069+0.0212i	-0.4586-0.1341i
9.3	0.0747+0.1409i	-0.6606-0.1112i	-0.4334+0.9304i	-0.0833+0.0425i	-0.4488-0.1242i	0.2173+0.5417i	-0.1026+0.0366i	-0.4623-0.1433i
9.4	0.1331+0.1599i	-0.6719-0.1411i	-0.1756+1.0202i	-0.0619+0.0562i	-0.4489-0.1455i	0.4184+0.5942i	-0.0888+0.0501i	-0.4633-0.1692i
9.5	0.1934+0.1161i	-0.7102-0.1632i	0.0837+0.8236i	-0.0341+0.0384i	-0.4644-0.1689i	0.6356+0.4467i	-0.0705+0.0435i	-0.4844-0.1971i
9.6	0.2225+0.0783i	-0.7305-0.1741i	0.1810+0.6654i	-0.0274+0.0230i	-0.4809-0.1866i	0.7306+0.3485i	-0.0633+0.0324i	-0.4977-0.2157i
9.7	0.2270+0.0384i	-0.7600-0.1878i	0.1476+0.5132i	-0.0308+0.0069i	-0.5051-0.2120i	0.7430+0.2233i	-0.0660+0.0153i	-0.5230-0.2436i
9.8	0.2273+0.0146i	-0.7857-0.1934i	0.0747+0.4141i	-0.0342-0.0050i	-0.5155-0.2279i	0.7503+0.1436i	-0.0715+0.0051i	-0.5375-0.2651i
9.9	0.2151+0.0105i	-0.8213-0.1930i	0.0008+0.3656i	-0.0463-0.0055i	-0.5430-0.2332i	0.7465+0.1151i	-0.0800+0.0043i	-0.5639-0.2672i
10.0	0.1975+0.0027i	-0.8562-0.1883i	-0.1167+0.3482i	-0.0586-0.0053i	-0.5771-0.2549i	0.6913+0.0845i	-0.0934+0.0087i	-0.5946-0.2893i
10.1	0.1781+0.0006i	-0.8790-0.1927i	-0.2452+0.3399i	-0.0720-0.0057i	-0.5929-0.2718i	0.6467+0.0831i	-0.1068+0.0095i	-0.6105-0.3072i
10.2	0.1731-0.0018i	-0.9113-0.1995i	-0.3301+0.3566i	-0.0808-0.0036i	-0.6237-0.2943i	0.6607+0.0834i	-0.1104+0.0174i	-0.6391-0.3326i
10.3	0.1807+0.0153i	-0.9374-0.2047i	-0.3277+0.4550i	-0.0839+0.0087i	-0.6577-0.3278i	0.7077+0.1273i	-0.1153+0.0307i	-0.6692-0.3649i
10.4	0.1798+0.0144i	-0.9607-0.2016i	-0.3768+0.4435i	-0.0867+0.0155i	-0.6832-0.3354i	0.7372+0.1127i	-0.1198+0.0317i	-0.6894-0.3702i
10.5	0.1883+0.0043i	-1.0026-0.2051i	-0.4809+0.3735i	-0.0878+0.0157i	-0.7256-0.3476i	0.7779+0.0540i	-0.1197+0.0338i	-0.7308-0.3778i
10.6	0.2023+0.0083i	-1.0581-0.2083i	-0.5471+0.3505i	-0.0856+0.0272i	-0.7903-0.3670i	0.8378+0.0141i	-0.1197+0.0486i	-0.7940-0.3944i
10.7	0.2099+0.0074i	-1.1052-0.2198i	-0.6636+0.3552i	-0.0868+0.0365i	-0.8294-0.3939i	0.8666-0.0068i	-0.1233+0.0578i	-0.8314-0.4235i
10.8	0.2088+0.0003i	-1.1461-0.2048i	-0.7595+0.4123i	-0.0836+0.0413i	-0.8784-0.3943i	0.8690-0.0479i	-0.1237+0.0625i	-0.8785-0.4284i
10.9	0.2161-0.0051i	-1.1865-0.1934i	-0.8280+0.3712i	-0.0783+0.0383i	-0.9287-0.3944i	0.8799-0.0585i	-0.1181+0.0642i	-0.9249-0.4237i
11.0	0.2473-0.0066i	-1.2434-0.1945i	-0.9928+0.3031i	-0.0733+0.0349i	-0.9780-0.4106i	0.9540-0.0519i	-0.1187+0.0666i	-0.9701-0.4443i
11.1	0.2547-0.0023i	-1.2854-0.1732i	-1.2298+0.4839i	-0.0758+0.0350i	-1.0311-0.3677i	1.0079-0.0463i	-0.1157+0.0649i	-1.0229-0.3978i
11.2	0.2685-0.0154i	-1.3400-0.1523i	-1.4347+0.5571i	-0.0734+0.0330i	-1.0780-0.3731i	1.0514-0.0806i	-0.1222+0.0700i	-1.0591-0.3974i
11.3	0.2759-0.0143i	-1.3915-0.1297i	-1.6596+0.5695i	-0.0752+0.0337i	-1.1245-0.3394i	1.0937-0.0897i	-0.1292+0.0657i	-1.1052-0.3621i
11.4	0.2967-0.0353i	-1.4445-0.1282i	-1.8578+0.5915i	-0.0742+0.0234i	-1.1601-0.3602i	1.1664-0.1404i	-0.1314+0.0704i	-1.1332-0.3833i
11.5	0.3289-0.0534i	-1.5024-0.1137i	-2.0181+0.6830i	-0.0683+0.0150i	-1.2073-0.3696i	1.2485-0.1860i	-0.1382+0.0749i	-1.1647-0.3863i
11.6	0.3533-0.0655i	-1.5717-0.0999i	-2.3343+0.7329i	-0.0712+0.0130i	-1.2430-0.3710i	1.3211-0.2053i	-0.1503+0.0761i	-1.1977-0.3864i
11.7	0.3795-0.0856i	-1.6540-0.0854i	-2.7869+0.9698i	-0.0758+0.0080i	-1.2920-0.3800i	1.4209-0.2611i	-0.1665+0.0830i	-1.2426-0.3975i
11.8	0.3961-0.1046i	-1.7106-0.0613i	-3.0624+1.1810i	-0.0810+0.0005i	-1.3362-0.3826i	1.4793-0.3219i	-0.1793+0.0922i	-1.2690-0.4005i
11.9	0.4273-0.1634i	-1.8065-0.0466i	-3.4725+1.3347i	-0.0883-0.0215i	-1.4123-0.4517i	1.5770-0.4132i	-0.1947+0.1059i	-1.3243-0.4573i

12.0	0.4614-0.1943i	-1.9230-0.0587i	-4.1795+1.3304i	-0.0924-0.0452i	-1.4752-0.5039i	1.7210-0.4505i	-0.2260+0.1131i	-1.3724-0.5130i
12.1	0.5019-0.2486i	-2.0645-0.0315i	-5.2008+1.5442i	-0.1081-0.0677i	-1.5757-0.5722i	1.8937-0.5238i	-0.2550+0.1351i	-1.4532-0.5717i
12.2	0.5387-0.3132i	-2.1969+0.0009i	-6.0070+2.2067i	-0.1323-0.0884i	-1.7036-0.6415i	2.0476-0.6291i	-0.2875+0.1733i	-1.5466-0.6324i
12.3	0.5870-0.3924i	-2.3741-0.0065i	-7.3617+2.5474i	-0.1657-0.1316i	-1.8465-0.7707i	2.2533-0.7358i	-0.3302+0.2069i	-1.6571-0.7604i
12.4	0.6082-0.5079i	-2.5689-0.0134i	-8.7179+3.0298i	-0.2057-0.1766i	-2.0308-0.9271i	2.4248-0.8688i	-0.3648+0.2520i	-1.8045-0.9135i
12.5	0.5893-0.7268i	-2.9735+0.1204i	-11.1108+5.2482i	-0.3147-0.2303i	-2.4990-1.1043i	2.7766-1.2285i	-0.3967+0.3764i	-2.2006-1.1071i
12.6	0.5576-0.9569i	-3.3987+0.2113i	-13.2554+7.4744i	-0.4354-0.2877i	-3.0264-1.3448i	3.1523-1.5913i	-0.4106+0.5071i	-2.6443-1.3604i
12.7	0.3833-1.1504i	-3.8372+0.4918i	-14.8102+10.7866i	-0.6035-0.2881i	-3.7522-1.3254i	3.3823-2.1005i	-0.3584+0.6394i	-3.2858-1.3867i
12.8	0.0227-1.4012i	-4.5048+0.9670i	-16.8154+15.6874i	-0.8909-0.2532i	-4.9867-1.1489i	3.5662-2.8821i	-0.2300+0.8005i	-4.3979-1.3253i
12.9	-0.4410-1.4298i	-4.9651+1.9105i	-16.7174+22.6566i	-1.1651-0.0196i	-6.1920-0.2258i	3.4684-3.8801i	-0.0492+0.9181i	-5.5278-0.5757i
13.0	-1.0259-1.2716i	-5.6768+3.4640i	-18.0662+33.5553i	-1.5486+0.4386i	-7.8200+1.6130i	3.5005-5.3602i	0.1613+0.9985i	-7.0731+0.9838i
13.1	-1.3486-0.9112i	-5.6567+5.0138i	-15.1414+43.4606i	-1.6411+0.9640i	-8.2322+3.7564i	3.0086-6.5661i	0.3119+0.9981i	-7.5369+2.8734i
13.2	-1.6777-0.0960i	-4.1597+8.2129i	0.1975+64.0474i	-1.3449+2.0876i	-7.1812+8.2498i	0.8333-8.9355i	0.6218+0.9858i	-6.8019+6.8829i
13.3	-1.4360+0.5029i	-1.3388+9.2265i	22.1759+68.3748i	-0.5168+2.5641i	-3.9661+10.1614i	-1.9502-9.1888i	0.8072+0.8385i	-4.0532+8.6954i
13.4	-0.5982+0.9500i	2.7479+7.2031i	53.4918+50.1292i	0.8765+2.1826i	1.3666+8.6239i	-5.3029-6.2399i	0.9465+0.5181i	0.6957+7.6182i
13.5	-0.1942+0.9330i	3.6619+5.5909i	61.2546+36.3496i	1.2868+1.7404i	2.8443+6.9200i	-5.6988-4.4414i	0.9654+0.3795i	2.0626+6.1942i
13.6	0.1426+0.7292i	3.7732+3.8376i	63.1926+21.3556i	1.4595+1.1928i	3.3447+4.8490i	-5.3389-2.8571i	0.9453+0.2591i	2.6025+4.4077i
13.7	0.3236+0.5249i	3.3717+2.5970i	62.9324+10.4721i	1.4563+0.7806i	3.0429+3.3560i	-4.7552-1.8352i	0.9512+0.1656i	2.4423+3.1092i
13.8	0.4067+0.4076i	3.1247+2.0629i	63.0990+4.8515i	1.4435+0.5879i	2.7863+2.7226i	-4.4490-1.4324i	0.9774+0.1094i	2.2763+2.5400i
13.9	0.5041+0.3190i	2.9216+1.6182i	65.6050-0.2239i	1.4771+0.4337i	2.5860+2.2518i	-4.2768-1.1110i	1.0405+0.0471i	2.1510+2.1061i
14.0	0.5801+0.1773i	2.5395+1.2058i	67.8459-7.5323i	1.4862+0.2426i	2.1950+1.8099i	-4.0485-0.8065i	1.0991-0.0597i	1.8514+1.6725i
14.1	0.6517-0.0095i	2.1639+0.9011i	71.8268-18.1870i	1.5280-0.0013i	1.8067+1.4863i	-3.9699-0.5002i	1.1964-0.2238i	1.5426+1.3321i
14.2	0.6905-0.1770i	1.9161+0.7991i	75.3417-30.5744i	1.5730-0.2375i	1.5849+1.3774i	-4.0349-0.1496i	1.2712-0.4236i	1.3581+1.2010i
14.3	0.7402-0.3390i	1.7173+0.7500i	80.4625-44.8968i	1.6483-0.4895i	1.3801+1.3556i	-4.1784+0.2568i	1.3724-0.6564i	1.1937+1.1449i
14.4	0.6896-0.6633i	1.5315+0.7610i	76.0337-76.4934i	1.5725-1.0426i	1.2005+1.4212i	-4.1240+1.2456i	1.3323-1.1760i	1.0395+1.1278i
14.5	0.3965-0.9586i	1.4405+0.8106i	47.8648-105.6504i	1.0937-1.5602i	1.1473+1.5300i	-3.3409+2.2713i	0.8962-1.6824i	0.9434+1.1542i
14.6	-0.0208-1.0982i	1.5253+0.7496i	3.8286-117.7280i	0.3652-1.8157i	1.3416+1.5227i	-2.0164+2.8446i	0.1832-1.9376i	1.0323+1.1121i
14.7	-0.3464-0.9145i	1.5843+0.5910i	-31.6933-98.3265i	-0.2378-1.5255i	1.5171+1.3229i	-0.8154+2.4344i	-0.4217-1.6490i	1.1155+0.9653i
14.8	-0.5098-0.6639i	1.5744+0.3128i	-48.9736-70.1036i	-0.5461-1.0907i	1.6322+1.0400i	-0.1976+1.6428i	-0.7408-1.1963i	1.1776+0.7664i
14.9	-0.5375-0.4349i	1.3871+0.0710i	-49.0167-44.2016i	-0.5883-0.6819i	1.5468+0.7726i	-0.1525+0.8505i	-0.7734-0.7697i	1.0974+0.5836i
15.0	-0.5039-0.3328i	1.2122+0.0058i	-45.0969-32.9962i	-0.5378-0.5077i	1.4440+0.6214i	-0.2749+0.5299i	-0.7142-0.5768i	1.0173+0.4835i
15.1	-0.4637-0.2366i	1.0089+0.0212i	-39.3698-23.7291i	-0.4684-0.3524i	1.2854+0.5281i	-0.4584+0.3608i	-0.6234-0.4160i	0.8959+0.4117i
15.2	-0.4245-0.1542i	0.8859+0.0326i	-34.1271-17.7280i	-0.4000-0.2502i	1.1709+0.4175i	-0.5933+0.3622i	-0.5464-0.3082i	0.8065+0.3271i
15.3	-0.3787-0.1047i	0.8217+0.0501i	-29.9842-13.9540i	-0.3428-0.1836i	1.0763+0.3688i	-0.6251+0.3531i	-0.4836-0.2462i	0.7304+0.2919i
15.4	-0.3371-0.0677i	0.7547+0.0438i	-27.7500-11.2568i	-0.3157-0.1462i	0.9834+0.2995i	-0.5597+0.3699i	-0.4508-0.1954i	0.6612+0.2345i
15.5	-0.2979-0.0515i	0.7120+0.0381i	-25.0308-9.4139i	-0.2754-0.1206i	0.8975+0.2670i	-0.5486+0.3400i	-0.4049-0.1617i	0.5960+0.2063i
15.6	-0.2693-0.0381i	0.6847+0.0294i	-22.5572-7.6788i	-0.2371-0.0916i	0.8383+0.2345i	-0.5676+0.3101i	-0.3617-0.1298i	0.5478+0.1798i
15.7	-0.2580-0.0363i	0.6504+0.0099i	-20.9822-7.0436i	-0.2238-0.0861i	0.7941+0.1993i	-0.5610+0.3197i	-0.3429-0.1211i	0.5099+0.1528i
15.8	-0.2162-0.0291i	0.6188+0.0118i	-19.0111-5.8030i	-0.1905-0.0673i	0.7152+0.2051i	-0.5326+0.2693i	-0.2996-0.1084i	0.4487+0.1552i
15.9	-0.2021-0.0306i	0.6026+0.0135i	-17.7649-4.5792i	-0.1707-0.0553i	0.6728+0.1933i	-0.5459+0.2380i	-0.2771-0.0866i	0.4156+0.1454i
16.0	-0.1875-0.0280i	0.5520-0.0129i	-16.7688-4.1616i	-0.1640-0.0545i	0.6048+0.1352i	-0.4928+0.2723i	-0.2631-0.0706i	0.3651+0.1076i
16.1	-0.1666-0.0191i	0.5306-0.0572i	-15.9198-4.4375i	-0.1496-0.0561i	0.5607+0.0956i	-0.4608+0.3516i	-0.2441-0.0646i	0.3370+0.0826i
16.2	-0.1528-0.0303i	0.4994-0.0893i	-15.1726-4.5709i	-0.1421-0.0675i	0.5282+0.0687i	-0.4319+0.3829i	-0.2295-0.0698i	0.3108+0.0592i
16.3	-0.1668-0.0375i	0.4613-0.1123i	-14.8183-4.1766i	-0.1609-0.0662i	0.4516+0.0673i	-0.3924+0.3663i	-0.2314-0.0692i	0.2516+0.0544i
16.4	-0.1670-0.0338i	0.4226-0.1501i	-14.6247-3.6626i	-0.1659-0.0644i	0.3787+0.0532i	-0.3238+0.3787i	-0.2261-0.0636i	0.2015+0.0440i
16.5	-0.1503-0.0308i	0.3318-0.1665i	-14.3703-3.6243i	-0.1612-0.0656i	0.3206+0.0321i	-0.2109+0.3813i	-0.2137-0.0558i	0.1679+0.0343i
16.6	-0.1489-0.0309i	0.2730-0.1563i	-13.8598-3.4677i	-0.1618-0.0594i	0.2880+0.0209i	-0.1620+0.3515i	-0.2123-0.0538i	0.1439+0.0258i
16.7	-0.1481-0.0278i	0.2181-0.1533i	-13.7308-3.3448i	-0.1647-0.0551i	0.2542+0.0137i	-0.0919+0.3206i	-0.2083-0.0545i	0.1227+0.0225i
16.8	-0.1495-0.0204i	0.1600-0.1085i	-13.7752-2.5044i	-0.1820-0.0374i	0.1776+0.0658i	-0.0477+0.2155i	-0.2046-0.0493i	0.0749+0.0505i
16.9	-0.1373-0.0229i	0.1499-0.1122i	-13.2904-2.3802i	-0.1704-0.0382i	0.1638+0.0466i	-0.0642+0.2222i	-0.1971-0.0471i	0.0689+0.0390i
17.0	-0.1311-0.0248i	0.1369-0.0875i	-12.8698-2.4070i	-0.1761-0.0391i	0.1277+0.0284i	-0.0535+0.2085i	-0.1922-0.0462i	0.0464+0.0233i
17.1	-0.1254-0.0180i	0.0968-0.0591i	-12.6263-2.0400i	-0.1755-0.0285i	0.0889+0.0480i	-0.0126+0.1784i	-0.1833-0.0427i	0.0259+0.0324i
17.2	-0.1222-0.0167i	0.0715-0.0419i	-12.6308-1.7013i	-0.1755-0.0222i	0.0683+0.0475i	0.0362+0.1574i	-0.1833-0.0395i	0.0158+0.0300i
17.3	-0.1195-0.0175i	0.0500-0.0233i	-12.9017-1.5114i	-0.1955-0.0113i	-0.0045+0.0550i	0.1415+0.0858i	-0.1866-0.0365i	-0.0295+0.0320i
17.4	-0.1159-0.0134i	0.0291-0.0240i	-12.7481-1.5760i	-0.2010-0.0056i	-0.0388+0.0533i	0.1575+0.0684i	-0.1829-0.0362i	-0.0512+0.0292i
17.5	-0.1147-0.0068i	0.0105-0.0343i	-12.7848-1.6817i	-0.2050-0.0041i	-0.0843+0.0546i	0.1625+0.0789i	-0.1793-0.0340i	-0.0765+0.0256i
17.6	-0.1100-0.0070i	-0.0285-0.0044i	-13.3545-1.5197i	-0.2216-0.0038i	-0.1623+0.0668i	0.2448+0.0383i	-0.1820-0.0320i	-0.1178+0.0256i
17.7	-0.1026-0.0165i	-0.0287+0.0395i	-13.5589-0.7581i	-0.2324+0.0140i	-0.2306+0.1230i	0.2701-0.0623i	-0.1846-0.0313i	-0.1510+0.0508i
17.8	-0.1085-0.0124i	-0.0335+0.0135i	-13.0782-1.0412i	-0.2290+0.0071i	-0.2328+0.0776i	0.2531-0.0365i	-0.1811-0.0303i	-0.1443+0.0321i
17.9	-0.1087-0.0126i	-0.0213+0.0597i	-13.4082-0.3768i	-0.2489+0.0286i	-0.2966+0.1231i	0.2682-0.1205i	-0.1848-0.0246i	-0.1766+0.0380i
18.0	-0.1060-0.0086i	-0.0268+0.1053i	-13.9517+0.1719i	-0.2618+0.0529i	-0.3798+0.1896i	0.3180-0.2132i	-0.1847-0.0205i	-0.2099+0.0611i
18.1	-0.0980-0.0132i	-0.0429+0.1003i	-14.1871+0.0346i	-0.2635+0.0420i	-0.4253+0.1745i	0.3480-0.2251i	-0.1858-0.0250i	-0.2261+0.0512i
18.2	-0.0880-0.0156i	-0.0517+0.0886i	-14.7933-0.3483i	-0.2848+0.0335i	-0.5279+0.1433i	0.4298-0.2192i	-0.1835-0.0321i	-0.2691+0.0325i

18.3	-0.0851-0.0141i	-0.0671+0.1038i	-15.0934-0.4224i	-0.2975+0.0317i	-0.5896+0.1479i	0.4649-0.2258i	-0.1798-0.0350i	-0.2841+0.0340i
18.4	-0.0889-0.0160i	-0.0775+0.0933i	-14.6281+0.0341i	-0.2835+0.0348i	-0.5971+0.1701i	0.4145-0.2498i	-0.1671-0.0318i	-0.2875+0.0395i
18.5	-0.0946-0.0252i	-0.0550+0.1599i	-15.3691+2.3403i	-0.3094+0.0900i	-0.6820+0.3876i	0.3574-0.4432i	-0.1760-0.0233i	-0.3273+0.1101i
18.6	-0.0952-0.0237i	-0.0791+0.2293i	-16.9006+2.0028i	-0.3834+0.0740i	-0.8818+0.3957i	0.4980-0.4136i	-0.1856-0.0452i	-0.3806+0.0960i
18.7	-0.0924-0.0105i	-0.0302+0.2416i	-16.6321+1.8960i	-0.3940+0.0880i	-0.9088+0.4063i	0.5584-0.3766i	-0.1901-0.0437i	-0.3886+0.0922i
18.8	-0.0739-0.0067i	0.0253+0.1881i	-16.1893+1.8976i	-0.3844+0.1201i	-0.9016+0.4462i	0.5816-0.4161i	-0.1820-0.0417i	-0.3737+0.1045i
18.9	-0.0633-0.0100i	0.0694+0.1719i	-16.5510+2.7787i	-0.3929+0.1513i	-0.9536+0.5500i	0.5778-0.4999i	-0.1842-0.0400i	-0.3840+0.1314i
19.0	-0.0457-0.0108i	0.1454+0.1740i	-18.7589+4.9819i	-0.4582+0.2354i	-1.1684+0.8622i	0.7031-0.7021i	-0.2098-0.0364i	-0.4510+0.2056i
19.1	-0.0396-0.0127i	0.1681+0.1569i	-20.0059+5.1515i	-0.5059+0.2476i	-1.3306+0.9429i	0.8567-0.7176i	-0.2126-0.0486i	-0.4900+0.2170i
19.2	-0.0190-0.0279i	0.1862+0.0867i	-20.9401+6.0204i	-0.5397+0.2922i	-1.4534+1.1075i	1.0208-0.8168i	-0.2205-0.0611i	-0.5072+0.2301i
19.3	0.0048-0.0405i	0.2427+0.0149i	-22.8263+9.1340i	-0.5990+0.4192i	-1.6067+1.5786i	1.1969-1.1520i	-0.2464-0.0727i	-0.5497+0.3321i
19.4	0.0220-0.0695i	0.2655-0.0727i	-22.7009+12.6987i	-0.5779+0.5534i	-1.4578+2.0219i	1.1315-1.5040i	-0.2751-0.0663i	-0.4942+0.4116i
19.5	0.0149-0.1459i	0.2340-0.2264i	-20.5597+21.6995i	-0.4518+0.8617i	-0.9100+2.9522i	0.7688-2.3510i	-0.3452-0.0018i	-0.4199+0.5913i
19.6	0.0096-0.1739i	0.1790-0.2984i	-20.4570+23.6366i	-0.4311+0.9426i	-0.8026+3.2157i	0.7046-2.6221i	-0.3722+0.0025i	-0.4269+0.6110i
19.7	-0.0831-0.2117i	0.0299-0.3560i	-11.0020+26.1687i	-0.0899+0.9713i	0.2982+3.1216i	-0.3373-2.6313i	-0.3452+0.0929i	-0.2396+0.5978i
19.8	-0.1894-0.2365i	-0.1788-0.3875i	-2.1789+30.2282i	0.2494+1.0556i	1.4413+3.1751i	-1.3423-2.6557i	-0.3445+0.2052i	-0.1065+0.6297i
19.9	-0.2148-0.2723i	-0.2795-0.4431i	-2.4548+32.5795i	0.2794+1.1694i	1.5702+3.4773i	-1.4134-2.8671i	-0.3789+0.2166i	-0.1751+0.6119i
20.0	-0.2727-0.2141i	-0.4006-0.3334i	5.4962+28.9418i	0.5551+0.9881i	2.2705+2.7907i	-1.8548-2.2507i	-0.3008+0.2700i	-0.0756+0.5497i
20.1	-0.3284-0.1917i	-0.5578-0.2685i	10.5242+27.4395i	0.7673+0.9059i	2.8166+2.4254i	-2.1082-2.0204i	-0.2583+0.3217i	-0.0832+0.5168i
20.2	-0.3642-0.1864i	-0.6435-0.2311i	11.6220+27.4437i	0.8374+0.9003i	2.9917+2.4113i	-2.1388-2.1106i	-0.2602+0.3366i	-0.1615+0.5417i
20.3	-0.3905-0.1627i	-0.6867-0.1581i	12.2476+23.8274i	0.8477+0.7530i	2.9591+1.9931i	-2.1348-1.9806i	-0.2273+0.3227i	-0.1973+0.5073i
20.4	-0.4349-0.1191i	-0.7687-0.0652i	13.3591+20.7085i	0.8738+0.6226i	3.0123+1.6141i	-2.3040-1.7781i	-0.2004+0.3151i	-0.2348+0.5170i
20.5	-0.4828-0.0594i	-0.8548+0.0540i	15.2162+18.3745i	0.9419+0.5068i	3.1534+1.2800i	-2.5417-1.5380i	-0.1652+0.3225i	-0.2690+0.5902i
20.6	-0.4863+0.0391i	-0.8295+0.2637i	17.2757+14.0771i	0.9941+0.3066i	3.2497+0.6611i	-2.7439-1.0800i	-0.1066+0.3234i	-0.1967+0.6525i
20.7	-0.4338+0.0681i	-0.7420+0.2787i	14.0493+11.5055i	0.8574+0.2389i	2.8165+0.5388i	-2.4128-0.8887i	-0.1056+0.2740i	-0.1996+0.6472i
20.8	-0.4314+0.1127i	-0.7366+0.3720i	13.0793+9.7051i	0.8290+0.1597i	2.6966+0.3472i	-2.3723-0.7372i	-0.1027+0.2612i	-0.2249+0.6984i
20.9	-0.4126+0.1509i	-0.7173+0.4638i	11.9286+8.6411i	0.7801+0.0990i	2.5518+0.2295i	-2.2827-0.5955i	-0.0994+0.2404i	-0.2212+0.7397i
21.0	-0.3647+0.1963i	-0.6285+0.5567i	10.8611+6.4328i	0.7110-0.0051i	2.3402-0.0582i	-2.1353-0.3396i	-0.0810+0.2219i	-0.1389+0.7380i
21.1	-0.3377+0.2279i	-0.5807+0.6130i	9.9547+5.1748i	0.6650-0.0585i	2.2172-0.2383i	-1.9910-0.1847i	-0.0794+0.2200i	-0.1188+0.7409i
21.2	-0.3069+0.2465i	-0.5109+0.6292i	8.7067+4.6863i	0.6000-0.0759i	2.0320-0.2862i	-1.8455-0.1459i	-0.0817+0.2141i	-0.0995+0.7567i
21.3	-0.3189+0.2494i	-0.5307+0.6527i	8.1249+5.0739i	0.5922-0.0674i	2.0188-0.2702i	-1.7882-0.1867i	-0.0979+0.2205i	-0.1385+0.7637i
21.4	-0.2455+0.3165i	-0.3562+0.8009i	8.0658+3.2099i	0.5327-0.1936i	1.8428-0.6494i	-1.7894+0.0773i	-0.0595+0.2249i	0.0521+0.8257i
21.5	-0.2100+0.3794i	-0.2725+0.9349i	8.0810+2.9881i	0.5111-0.2393i	1.8259-0.7684i	-1.7783+0.1275i	-0.0525+0.2419i	0.1414+0.9606i
21.6	-0.1838+0.3770i	-0.2286+0.9504i	7.3987+3.3076i	0.4824-0.2331i	1.7542-0.7549i	-1.7143+0.0421i	-0.0497+0.2457i	0.1899+0.9642i
21.7	-0.1316+0.3579i	-0.1108+0.8958i	6.8764+2.7161i	0.4302-0.2430i	1.6024-0.8266i	-1.6536+0.1418i	-0.0319+0.2321i	0.2902+0.8522i
21.8	-0.0786+0.3238i	-0.0148+0.7967i	6.0838+2.3122i	0.3610-0.2230i	1.4122-0.7976i	-1.5234+0.1490i	-0.0210+0.2105i	0.3778+0.7274i
21.9	-0.0499+0.3189i	0.0335+0.7894i	5.9737+2.6092i	0.3464-0.2132i	1.4206-0.7786i	-1.5559+0.1026i	-0.0190+0.2115i	0.4558+0.7199i
22.0	-0.0176+0.2803i	0.0860+0.6948i	5.6551+2.1894i	0.3205-0.2014i	1.3822-0.8279i	-1.5180+0.2022i	-0.0163+0.1946i	0.5320+0.5558i
22.1	0.0036+0.2439i	0.1145+0.6075i	4.8804+1.7039i	0.2827-0.1978i	1.2382-0.8746i	-1.3730+0.2982i	-0.0170+0.1794i	0.5139+0.4063i
22.2	0.0529+0.2449i	0.2388+0.6135i	5.1695+1.8106i	0.2428-0.2032i	1.1175-0.9112i	-1.4041+0.3125i	0.0127+0.1831i	0.6456+0.4038i
22.3	0.0690+0.2182i	0.2677+0.5689i	4.9620+1.5863i	0.2143-0.2034i	1.0087-0.9759i	-1.3578+0.3457i	0.0195+0.1748i	0.6477+0.2978i
22.4	0.0650+0.1850i	0.2712+0.5029i	4.5850+1.3333i	0.1895-0.2010i	0.8680-1.0124i	-1.2767+0.3816i	0.0219+0.1597i	0.5772+0.1851i
22.5	0.0374+0.1912i	0.2241+0.5462i	4.2226+1.6785i	0.1935-0.2069i	0.8382-1.0682i	-1.2798+0.3296i	0.0112+0.1707i	0.4992+0.1755i
22.6	0.0517+0.1968i	0.2629+0.5616i	4.3602+1.6119i	0.2006-0.2285i	0.8419-1.2612i	-1.2873+0.4350i	0.0088+0.1840i	0.5136+0.0908i
22.7	0.0795+0.1762i	0.3522+0.4797i	4.4043+1.3099i	0.1614-0.2101i	0.6737-1.2009i	-1.2623+0.4904i	0.0245+0.1658i	0.5381+0.0288i
22.8	0.0713+0.1422i	0.3173+0.4170i	3.9202+1.0056i	0.1297-0.2062i	0.4775-1.2420i	-1.1378+0.5239i	0.0301+0.1531i	0.4277-0.0921i
22.9	0.0611+0.1436i	0.3053+0.4404i	3.8364+0.8946i	0.1324-0.2334i	0.4560-1.4883i	-1.1300+0.6387i	0.0222+0.1636i	0.3743-0.2382i
23.0	0.0430+0.1319i	0.2824+0.4558i	3.7486+1.1754i	0.1398-0.2330i	0.4022-1.5665i	-1.1867+0.5981i	0.0217+0.1726i	0.3025-0.2865i
23.1	0.0582+0.1271i	0.3705+0.4264i	3.5363+1.1100i	0.0716-0.2153i	-0.0642-1.4686i	-0.9605+0.5852i	0.0435+0.1648i	0.1147-0.2664i
23.2	0.0752+0.1126i	0.4376+0.3302i	3.6295+0.8737i	0.0412-0.1870i	-0.2137-1.3138i	-0.9001+0.5963i	0.0601+0.1506i	0.0951-0.2668i
23.3	0.0799+0.0891i	0.4533+0.1968i	3.4344+0.7724i	0.0319-0.1248i	-0.2851-0.8685i	-0.9161+0.4764i	0.0617+0.1181i	0.0871-0.1476i
23.4	0.0697+0.0823i	0.4211+0.1541i	3.2695+0.7806i	0.0352-0.1156i	-0.3542-0.7855i	-0.9156+0.5228i	0.0588+0.1058i	0.0168-0.1438i
23.5	0.0531+0.0775i	0.3937+0.1264i	3.1124+0.7477i	0.0319-0.1100i	-0.4319-0.7115i	-0.8859+0.5535i	0.0585+0.0940i	-0.0627-0.1351i
23.6	0.0496+0.0715i	0.3893+0.1049i	2.9705+0.8856i	0.0319-0.0904i	-0.4412-0.5797i	-0.8763+0.5213i	0.0540+0.1054i	-0.1040-0.0885i
23.7	0.0563+0.0724i	0.3917+0.0375i	2.9739+0.8614i	0.0292-0.0675i	-0.4362-0.4102i	-0.8640+0.5225i	0.0551+0.1022i	-0.1005-0.0296i
23.8	0.0465+0.0700i	0.3434+0.0094i	2.7883+0.9513i	0.0364-0.0597i	-0.4010-0.2593i	-0.8486+0.4930i	0.0445+0.0905i	-0.1142+0.0430i
23.9	0.0472+0.0482i	0.2823-0.0649i	2.6679+0.5700i	0.0376-0.0545i	-0.3351-0.1440i	-0.7485+0.5315i	0.0430+0.0659i	-0.0996+0.0382i
24.0	0.0412+0.0445i	0.2614-0.0709i	2.6680+0.4922i	0.0397-0.0557i	-0.3345-0.1063i	-0.7156+0.5451i	0.0464+0.0650i	-0.1160+0.0540i
24.1	0.0385+0.0507i	0.2384-0.0782i	2.4433+0.7137i	0.0432-0.0435i	-0.3467-0.0359i	-0.6593+0.4981i	0.0402+0.0698i	-0.1581+0.1094i
24.2	0.0412+0.0358i	0.1772-0.1027i	2.4055+0.5325i	0.0460-0.0360i	-0.2704-0.0860i	-0.5850+0.5178i	0.0403+0.0610i	-0.1387+0.0317i
24.3	0.0331+0.0389i	0.1490-0.0984i	2.4472+0.5131i	0.0514-0.0400i	-0.1835-0.0358i	-0.6317+0.5324i	0.0396+0.0544i	-0.0992+0.0597i
24.4	0.0246+0.0401i	0.1174-0.0999i	2.2636+0.5921i	0.0517-0.0337i	-0.1524+0.0276i	-0.5660+0.5168i	0.0305+0.0528i	-0.1189+0.1004i
24.5	0.0260+0.0404i	0.0931-0.1169i	2.1894+0.5195i	0.0458-0.0206i	-0.1512+0.0483i	-0.4803+0.4802i	0.0270+0.0583i	-0.1383+0.1014i

24.6	0.0295+0.0412i	0.0719-0.1208i	2.1308+0.5586i	0.0467-0.0224i	-0.0745+0.0444i	-0.4289+0.4494i	0.0246+0.0619i	-0.0948+0.1025i
24.7	0.0395+0.0344i	0.0666-0.1545i	2.2920+0.3417i	0.0465-0.0244i	-0.0620+0.0939i	-0.4090+0.5326i	0.0410+0.0464i	-0.0612+0.1127i
24.8	0.0252+0.0266i	0.0204-0.1323i	2.0883+0.3759i	0.0537-0.0207i	-0.0542+0.0457i	-0.4093+0.4483i	0.0295+0.0443i	-0.0954+0.0719i
24.9	0.0204+0.0254i	0.0019-0.1361i	2.0111+0.4683i	0.0580-0.0219i	-0.0378+0.0620i	-0.3789+0.4124i	0.0254+0.0469i	-0.0996+0.0850i
25.0	0.0118+0.0332i	-0.0358-0.1011i	1.8203+0.6530i	0.0661-0.0127i	0.0384+0.0600i	-0.4106+0.3670i	0.0197+0.0455i	-0.0774+0.0907i
25.1	0.0106+0.0371i	-0.0532-0.0785i	1.8078+0.6485i	0.0664-0.0056i	0.0440+0.0566i	-0.3962+0.3614i	0.0163+0.0427i	-0.0890+0.0842i
25.2	0.0191+0.0298i	-0.0702-0.0961i	1.8214+0.4125i	0.0657-0.0069i	0.0385+0.0556i	-0.3116+0.3723i	0.0157+0.0314i	-0.0959+0.0563i
25.3	0.0182+0.0365i	-0.0727-0.0950i	1.8721+0.4034i	0.0684-0.0040i	0.0487+0.0562i	-0.2985+0.3684i	0.0175+0.0294i	-0.0937+0.0664i
25.4	0.0193+0.0283i	-0.0876-0.1117i	1.8558+0.3419i	0.0684-0.0019i	0.0477+0.0905i	-0.2534+0.3568i	0.0162+0.0252i	-0.1023+0.0759i
25.5	0.0116+0.0172i	-0.1103-0.1001i	1.5956+0.5006i	0.0722+0.0004i	0.0746+0.0730i	-0.2473+0.2208i	0.0064+0.0295i	-0.1156+0.0725i
25.6	0.0204+0.0147i	-0.1053-0.0961i	1.6075+0.3422i	0.0731+0.0003i	0.0739+0.0588i	-0.2327+0.2370i	0.0113+0.0232i	-0.1136+0.0447i
25.7	0.0271+0.0141i	-0.1106-0.0988i	1.6542+0.2637i	0.0772-0.0001i	0.0482+0.0562i	-0.1779+0.2416i	0.0053+0.0179i	-0.1486+0.0264i
25.8	0.0277+0.0138i	-0.1294-0.0845i	1.6466+0.4318i	0.0731+0.0016i	0.0640+0.0614i	-0.1744+0.1792i	0.0032+0.0216i	-0.1462+0.0578i
25.9	0.0196+0.0089i	-0.1389-0.0739i	1.4827+0.4094i	0.0753+0.0031i	0.0715+0.0698i	-0.1463+0.1145i	-0.0036+0.0210i	-0.1593+0.0629i
26.0	0.0116+0.0127i	-0.1405-0.0499i	1.5017+0.5409i	0.0849-0.0002i	0.0720+0.0479i	-0.2209+0.1027i	-0.0081+0.0237i	-0.1656+0.0545i
26.1	0.0155+0.0083i	-0.1548-0.0669i	1.6362+0.4253i	0.0836+0.0003i	0.0664+0.0570i	-0.2563+0.1139i	-0.0034+0.0211i	-0.1579+0.0454i
26.2	0.0074+0.0070i	-0.1738-0.0674i	1.7432+0.3902i	0.0871+0.0061i	0.0517+0.0490i	-0.2979+0.0961i	0.0022+0.0183i	-0.1822+0.0292i
26.3	0.0085+0.0022i	-0.1785-0.0640i	1.7727+0.3455i	0.0891+0.0083i	0.0656+0.0567i	-0.2659+0.0652i	0.0057+0.0139i	-0.1730+0.0288i
26.4	0.0094-0.0107i	-0.1875-0.0651i	1.5056+0.2956i	0.0860+0.0061i	0.0927+0.0627i	-0.1803+0.0259i	-0.0072+0.0058i	-0.1734+0.0181i
26.5	0.0050-0.0007i	-0.1935-0.0554i	1.4520+0.3331i	0.0910+0.0044i	0.0735+0.0885i	-0.1684+0.0121i	-0.0114+0.0137i	-0.2059+0.0658i
26.6	0.0061+0.0018i	-0.1939-0.0414i	1.3200+0.3232i	0.0961+0.0098i	0.0702+0.0722i	-0.1763-0.0024i	-0.0197+0.0118i	-0.2216+0.0492i
26.7	0.0057+0.0041i	-0.1912-0.0401i	1.3792+0.3875i	0.0956+0.0072i	0.0643+0.0596i	-0.2219+0.0060i	-0.0257+0.0134i	-0.2271+0.0431i
26.8	-0.0009+0.0031i	-0.2121-0.0322i	1.4094+0.2978i	0.0870+0.0055i	0.0718+0.0730i	-0.2048+0.0294i	-0.0245+0.0101i	-0.2264+0.0434i
26.9	-0.0123-0.0053i	-0.2286-0.0279i	1.2215+0.3080i	0.0882+0.0157i	0.0873+0.0530i	-0.1553-0.0555i	-0.0241+0.0019i	-0.2288+0.0054i
27.0	-0.0136-0.0041i	-0.2268-0.0253i	1.1334+0.2744i	0.0872+0.0231i	0.0996+0.0478i	-0.1008-0.1007i	-0.0302-0.0047i	-0.2300-0.0107i
27.1	-0.0213+0.0046i	-0.2317-0.0157i	1.1102+0.2940i	0.0885+0.0289i	0.0703+0.0361i	-0.1765-0.1109i	-0.0327-0.0013i	-0.2794-0.0242i
27.2	-0.0215+0.0030i	-0.2303-0.0074i	1.2016+0.2374i	0.0921+0.0252i	0.0517+0.0528i	-0.1616-0.1440i	-0.0333-0.0004i	-0.2921-0.0139i
27.3	-0.0155+0.0174i	-0.2253-0.0133i	1.3234+0.3853i	0.1061+0.0183i	0.0354+0.0842i	-0.2315-0.0925i	-0.0391+0.0067i	-0.3318+0.0484i
27.4	-0.0176+0.0187i	-0.2421-0.0149i	1.3225+0.3170i	0.1046+0.0292i	0.0364+0.0913i	-0.2262-0.0987i	-0.0361+0.0047i	-0.3312+0.0422i
27.5	-0.0240+0.0256i	-0.2382-0.0301i	1.2078+0.3417i	0.1059+0.0348i	0.0260+0.1196i	-0.2674-0.1601i	-0.0412+0.0027i	-0.3494+0.0389i
27.6	-0.0353+0.0287i	-0.2422-0.0472i	1.1130+0.4149i	0.1107+0.0403i	0.0091+0.1487i	-0.2948-0.2349i	-0.0511-0.0001i	-0.3929+0.0467i
27.7	-0.0319+0.0266i	-0.2605-0.0537i	1.1081+0.3068i	0.1110+0.0498i	0.0245+0.1511i	-0.2431-0.2698i	-0.0519-0.0030i	-0.3727+0.0407i
27.8	-0.0169+0.0321i	-0.2680-0.0437i	1.1213+0.2531i	0.1202+0.0572i	0.0441+0.1608i	-0.2206-0.2185i	-0.0441-0.0017i	-0.3465+0.0359i
27.9	-0.0183+0.0374i	-0.2679-0.0799i	1.0315+0.2533i	0.1206+0.0622i	0.0742+0.2038i	-0.2519-0.2433i	-0.0495-0.0093i	-0.3502+0.0428i
28.0	-0.0063+0.0382i	-0.2824-0.0886i	1.1123+0.2740i	0.1250+0.0556i	0.1236+0.2288i	-0.2902-0.2330i	-0.0592+0.0007i	-0.3396+0.0747i
28.1	0.0015+0.0363i	-0.3017-0.0794i	1.1710+0.1579i	0.1380+0.0457i	0.1684+0.2007i	-0.2631-0.1834i	-0.0611+0.0093i	-0.3070+0.0846i
28.2	0.0171+0.0375i	-0.3243-0.0600i	1.1586+0.2419i	0.1537+0.0395i	0.2008+0.1957i	-0.2932-0.1656i	-0.0665+0.0152i	-0.3262+0.1102i
28.3	0.0185+0.0347i	-0.3340-0.0634i	1.0256+0.1524i	0.1565+0.0428i	0.2051+0.1894i	-0.2804-0.2145i	-0.0703+0.0035i	-0.3481+0.0729i
28.4	0.0141+0.0312i	-0.3704-0.0690i	0.9945+0.1734i	0.1719+0.0407i	0.2225+0.1581i	-0.3315-0.1955i	-0.0770-0.0038i	-0.3715+0.0399i
28.5	0.0101+0.0292i	-0.3974-0.0579i	0.9616+0.2040i	0.1798+0.0419i	0.2266+0.1344i	-0.3430-0.1890i	-0.0882+0.0011i	-0.3871+0.0315i
28.6	0.0199+0.0267i	-0.4115-0.0535i	1.0072+0.2347i	0.1888+0.0359i	0.2260+0.1351i	-0.3402-0.1879i	-0.0865+0.0053i	-0.3985+0.0435i
28.7	0.0139+0.0264i	-0.4332-0.0432i	0.9856+0.1896i	0.1893+0.0304i	0.2363+0.1314i	-0.3473-0.1888i	-0.0858-0.0016i	-0.4193+0.0282i
28.8	0.0129+0.0211i	-0.4590-0.0290i	1.0584+0.2553i	0.1955+0.0191i	0.2407+0.1001i	-0.3399-0.1570i	-0.0832+0.0062i	-0.4363+0.0315i
28.9	0.0212+0.0061i	-0.4609-0.0053i	1.1053+0.2498i	0.2013+0.0165i	0.2337+0.0854i	-0.3033-0.1399i	-0.0894+0.0064i	-0.4551+0.0319i
29.0	0.0190+0.0015i	-0.4671-0.0179i	1.0226+0.1665i	0.2057+0.0202i	0.2383+0.0827i	-0.2916-0.1848i	-0.0948+0.0048i	-0.4787+0.0240i
29.1	0.0175+0.0083i	-0.4969+0.0079i	0.9835+0.2843i	0.2081+0.0224i	0.2449+0.0767i	-0.3331-0.1875i	-0.0975+0.0079i	-0.4920+0.0463i
29.2	0.0206+0.0027i	-0.5299+0.0058i	1.0098+0.2601i	0.2179+0.0157i	0.2455+0.0611i	-0.3090-0.1552i	-0.0988+0.0035i	-0.5165+0.0282i
29.3	0.0220-0.0044i	-0.5694+0.0197i	0.9873+0.1797i	0.2299-0.0022i	0.2304+0.0672i	-0.2587-0.1475i	-0.1165+0.0097i	-0.5904+0.0601i
29.4	0.0157-0.0059i	-0.6159+0.0174i	0.9123+0.1961i	0.2311-0.0053i	0.2378+0.0775i	-0.2288-0.1586i	-0.1276+0.0070i	-0.6105+0.0793i
29.5	0.0079-0.0045i	-0.5840+0.0150i	0.8841+0.1111i	0.2220-0.0039i	0.2233+0.0633i	-0.2208-0.1869i	-0.1210+0.0060i	-0.5928+0.0650i
29.6	0.0100-0.0100i	-0.5968+0.0338i	0.9146+0.1428i	0.2376-0.0126i	0.2201+0.0500i	-0.2123-0.1925i	-0.1289+0.0082i	-0.6329+0.0720i
29.7	0.0132-0.0043i	-0.6357+0.0812i	0.9180+0.1355i	0.2428-0.0173i	0.2209+0.0574i	-0.2105-0.1793i	-0.1359+0.0175i	-0.6607+0.1143i
29.8	0.0173+0.0045i	-0.6616+0.1279i	0.8076+0.1684i	0.2605-0.0176i	0.2095+0.0403i	-0.1819-0.1837i	-0.1502+0.0213i	-0.7345+0.1326i
29.9	0.0145+0.0216i	-0.7252+0.1760i	0.7591+0.0857i	0.2665-0.0069i	0.2216+0.0320i	-0.1460-0.1185i	-0.1591+0.0222i	-0.7786+0.1286i
30.0	0.0174+0.0049i	-0.7479+0.1488i	0.8184+0.0805i	0.2751-0.0186i	0.2298+0.0318i	-0.1162-0.1575i	-0.1636+0.0178i	-0.8057+0.1225i
30.1	0.0204-0.0027i	-0.7519+0.1472i	0.7363+0.1606i	0.2870-0.0365i	0.2115+0.0377i	-0.0741-0.1904i	-0.1719+0.0214i	-0.8463+0.1518i
30.2	0.0157-0.0036i	-0.7714+0.1641i	0.8116+0.2126i	0.2998-0.0333i	0.2024+0.0271i	-0.0688-0.2051i	-0.1753+0.0235i	-0.8816+0.1439i
30.3	0.0263+0.0062i	-0.8378+0.1825i	0.8438+0.1663i	0.3198-0.0311i	0.1983+0.0385i	-0.0111-0.1909i	-0.1899+0.0181i	-0.9549+0.1450i
30.4	0.0335-0.0105i	-0.8613+0.2065i	0.7523+0.1928i	0.3363-0.0561i	0.1950+0.0583i	0.0572-0.2541i	-0.2121+0.0318i	-1.0344+0.2270i
30.5	0.0208-0.0238i	-0.8923+0.2127i	0.6904+0.1919i	0.3539-0.0693i	0.1803+0.0394i	0.0567-0.3246i	-0.2339+0.0362i	-1.1229+0.2531i
30.6	0.0183-0.0218i	-0.9245+0.2764i	0.6940+0.1473i	0.3691-0.0864i	0.1854+0.0389i	0.0797-0.3717i	-0.2401+0.0515i	-1.1608+0.3180i
30.7	0.0323-0.0248i	-0.9654+0.3669i	0.6781+0.2303i	0.3946-0.1205i	0.1914+0.0447i	0.1277-0.4256i	-0.2503+0.0699i	-1.2186+0.4221i
30.8	0.0313-0.0391i	-0.9713+0.4070i	0.6817+0.2200i	0.3955-0.1324i	0.1981+0.0502i	0.1464-0.4936i	-0.2604+0.0834i	-1.2513+0.4932i

30.9	0.0199-0.0382i	-1.0320+0.4174i	0.7086+0.2332i	0.4136-0.1373i	0.1984+0.0647i	0.1447-0.5305i	-0.2772+0.0861i	-1.3318+0.5424i
31.0	0.0164-0.0494i	-1.0884+0.5195i	0.6821+0.2693i	0.4270-0.1854i	0.2317+0.0852i	0.1805-0.6528i	-0.2887+0.1092i	-1.3632+0.6961i
31.1	0.0066-0.0679i	-1.1196+0.6110i	0.6697+0.2529i	0.4451-0.2396i	0.2356+0.0876i	0.1713-0.7643i	-0.3019+0.1433i	-1.4322+0.8578i
31.2	0.0097-0.0747i	-1.1866+0.6805i	0.6727+0.3146i	0.4699-0.2951i	0.2342+0.1251i	0.2289-0.8305i	-0.3265+0.1888i	-1.5191+1.0647i
31.3	0.0026-0.0963i	-1.1486+0.8200i	0.5534+0.2950i	0.4548-0.3694i	0.2316+0.1291i	0.2158-0.9556i	-0.3291+0.2366i	-1.4975+1.2930i
31.4	-0.0085-0.1035i	-1.1478+0.9029i	0.5788+0.3084i	0.4569-0.4327i	0.2263+0.1442i	0.1775-1.0095i	-0.3450+0.2745i	-1.5376+1.5140i
31.5	-0.0176-0.1024i	-1.1411+1.0630i	0.6762+0.3375i	0.4449-0.5224i	0.2512+0.1757i	0.1398-1.0899i	-0.3381+0.3484i	-1.4797+1.8520i
31.6	-0.0319-0.1000i	-1.0925+1.2164i	0.6989+0.3021i	0.3778-0.6029i	0.3129+0.1755i	0.1129-1.1675i	-0.2921+0.4093i	-1.2237+2.1273i
31.7	-0.0573-0.0839i	-0.9532+1.3048i	0.6996+0.3301i	0.2589-0.6584i	0.3677+0.1978i	0.0235-1.2075i	-0.2182+0.4599i	-0.8293+2.3575i
31.8	-0.0735-0.0813i	-0.8207+1.3847i	0.7654+0.3089i	0.1523-0.6960i	0.4371+0.1876i	-0.0806-1.2646i	-0.1307+0.4975i	-0.4369+2.4823i
31.9	-0.0814-0.0823i	-0.7474+1.4637i	0.7366+0.3294i	0.0754-0.6921i	0.4884+0.1478i	-0.0767-1.3199i	-0.0686+0.4968i	-0.1471+2.4729i
32.0	-0.0821-0.0683i	-0.6787+1.5186i	0.7860+0.3309i	-0.0059-0.6436i	0.5489+0.0731i	-0.0436-1.3717i	0.0070+0.4663i	0.1711+2.3200i
32.1	-0.0775-0.0629i	-0.6392+1.5256i	0.7681+0.4047i	-0.0536-0.5879i	0.5710+0.0233i	0.0047-1.4943i	0.0520+0.4201i	0.3375+2.1292i
32.2	-0.0767-0.0848i	-0.5609+1.5985i	0.8122+0.3693i	-0.1181-0.5619i	0.5981-0.0289i	-0.0074-1.7594i	0.1024+0.3818i	0.5828+2.0116i
32.3	-0.0944-0.0963i	-0.4791+1.6452i	0.8895+0.2583i	-0.1500-0.5519i	0.6109-0.0755i	-0.1630-1.9388i	0.1219+0.3559i	0.7121+1.9427i
32.4	-0.1121-0.0892i	-0.2971+1.7213i	0.8646+0.2731i	-0.2418-0.4963i	0.6370-0.1518i	-0.3984-2.1062i	0.1853+0.3140i	1.0412+1.7704i
32.5	-0.1256-0.0632i	-0.1845+1.7249i	0.7598+0.3478i	-0.2929-0.4114i	0.6449-0.2364i	-0.5927-2.1606i	0.2185+0.2592i	1.2481+1.4894i
32.6	-0.1410-0.0374i	-0.0383+1.7172i	0.7619+0.3533i	-0.3188-0.3424i	0.6191-0.3100i	-0.8404-2.1611i	0.2234+0.2040i	1.3504+1.2309i
32.7	-0.1233-0.0199i	0.1333+1.7222i	0.9233+0.2999i	-0.2755-0.2761i	0.5533-0.3982i	-1.1285-2.1357i	0.1996+0.1307i	1.2626+0.9218i
32.8	-0.1136-0.0146i	0.2896+1.6180i	0.7749+0.0453i	-0.2348-0.2172i	0.4601-0.4527i	-1.3536-1.9502i	0.1433+0.0685i	1.0802+0.6378i
32.9	-0.0921-0.0065i	0.3677+1.5245i	0.6384-0.0518i	-0.2035-0.2308i	0.3787-0.4659i	-1.4436-1.7346i	0.1106+0.0704i	0.9544+0.6074i
33.0	-0.0947-0.0204i	0.4650+1.4367i	0.4928-0.0136i	-0.2244-0.1723i	0.3272-0.4602i	-1.5023-1.6953i	0.1070+0.0078i	0.9740+0.3473i
33.1	-0.0886-0.0451i	0.5695+1.3648i	0.6714+0.0677i	-0.2163-0.1552i	0.2687-0.4505i	-1.6204-1.6478i	0.0836-0.0286i	0.9285+0.2285i
33.2	-0.0761-0.0526i	0.5727+1.3198i	0.6457+0.0886i	-0.1808-0.1745i	0.2319-0.4539i	-1.5733-1.5645i	0.0285-0.0181i	0.7490+0.2308i
33.3	-0.0825-0.0582i	0.6206+1.2783i	0.9749+0.2979i	-0.1472-0.1642i	0.2043-0.4554i	-1.7043-1.5941i	-0.0008-0.0085i	0.6145+0.1946i
33.4	-0.0929-0.0758i	0.6991+1.2023i	1.1816+0.1666i	-0.1545-0.1696i	0.1674-0.4425i	-1.8245-1.5328i	-0.0196-0.0156i	0.5678+0.1696i
33.5	-0.1036-0.1000i	0.6876+1.0921i	0.9038+0.2390i	-0.1708-0.1785i	0.1228-0.3990i	-1.7736-1.4397i	-0.0631+0.0038i	0.5078+0.2077i
33.6	-0.1247-0.0920i	0.6478+0.9927i	0.7711+0.4475i	-0.1544-0.1512i	0.1178-0.3771i	-1.7731-1.4117i	-0.1094+0.0202i	0.3884+0.1981i
33.7	-0.1608-0.1028i	0.6575+0.8529i	0.7796+0.2704i	-0.1839-0.1334i	0.1113-0.3369i	-1.8077-1.3158i	-0.1268+0.0422i	0.3641+0.1980i
33.8	-0.2046-0.1214i	0.6119+0.7988i	0.8451+0.1751i	-0.1971-0.1134i	0.1189-0.3155i	-1.8551-1.3494i	-0.1423+0.0646i	0.3455+0.2056i
33.9	-0.2390-0.1212i	0.5701+0.7708i	0.8491+0.0099i	-0.1962-0.1117i	0.1118-0.3207i	-1.9555-1.3511i	-0.1594+0.0918i	0.3094+0.2242i
34.0	-0.2853-0.0908i	0.4722+0.7967i	0.6872+0.1485i	-0.1682-0.0477i	0.1353-0.3330i	-2.0613-1.4769i	-0.2015+0.0929i	0.1963+0.1374i
34.1	-0.3254-0.0805i	0.4587+0.8007i	0.7460+0.1080i	-0.1539-0.0301i	0.1281-0.3330i	-2.2194-1.4770i	-0.2327+0.0966i	0.1266+0.1326i
34.2	-0.3252-0.0304i	0.4548+0.7794i	0.7531+0.0402i	-0.1147-0.0406i	0.1032-0.3329i	-2.3457-1.2957i	-0.2402+0.1350i	0.0516+0.1915i
34.3	-0.3419+0.0203i	0.4691+0.7546i	0.7584-0.1888i	-0.0907-0.0431i	0.0814-0.3305i	-2.5198-1.0580i	-0.2572+0.1548i	-0.0181+0.2122i
34.4	-0.3601+0.0402i	0.4569+0.7881i	0.8988-0.0616i	-0.0670-0.0331i	0.0892-0.3283i	-2.6415-1.0319i	-0.2693+0.1939i	-0.0817+0.2535i
34.5	-0.3499+0.0698i	0.4820+0.7808i	0.8427-0.1375i	-0.0428-0.0566i	0.0779-0.3220i	-2.7046-0.7810i	-0.2633+0.2412i	-0.1108+0.3293i
34.6	-0.3518+0.1083i	0.4928+0.7958i	0.9051-0.2849i	-0.0208-0.0610i	0.0775-0.3144i	-2.7822-0.5801i	-0.2710+0.2765i	-0.1468+0.3645i
34.7	-0.3600+0.1571i	0.4749+0.8297i	1.0017-0.2605i	-0.0189-0.0536i	0.0728-0.3199i	-2.8679-0.4366i	-0.2762+0.3407i	-0.1629+0.4357i
34.8	-0.3238+0.1914i	0.4594+0.8068i	0.8568-0.3369i	-0.0036-0.0775i	0.0689-0.3275i	-2.7486-0.2018i	-0.2496+0.3766i	-0.1673+0.5138i
34.9	-0.3029+0.2355i	0.4530+0.8072i	0.6979-0.3936i	-0.0028-0.1003i	0.0756-0.3356i	-2.6453+0.0678i	-0.2269+0.4271i	-0.1622+0.5843i
35.0	-0.2830+0.2682i	0.4850+0.8126i	0.7528-0.4272i	0.0022-0.1152i	0.0697-0.3494i	-2.5737+0.2269i	-0.2081+0.4608i	-0.1575+0.6233i
35.1	-0.2509+0.3217i	0.4932+0.8894i	0.6322-0.4262i	0.0080-0.1302i	0.0574-0.3831i	-2.4009+0.4161i	-0.1435+0.5268i	-0.0899+0.7185i
35.2	-0.1795+0.3099i	0.5581+0.8921i	0.6142-0.5110i	0.0075-0.1712i	0.0310-0.3898i	-2.1617+0.5474i	-0.0639+0.5459i	-0.0157+0.7842i
35.3	-0.1290+0.3071i	0.6274+0.9278i	0.5373-0.4926i	-0.0068-0.2067i	0.0150-0.4067i	-1.9184+0.5736i	0.0054+0.5515i	0.0638+0.8268i
35.4	-0.0962+0.2948i	0.7145+0.9583i	0.3717-0.4535i	-0.0348-0.2158i	-0.0290-0.4124i	-1.7244+0.5401i	0.0531+0.5348i	0.1360+0.8099i
35.5	-0.0609+0.2801i	0.7662+0.9483i	0.3164-0.2830i	-0.0440-0.2222i	-0.0598-0.4169i	-1.5945+0.4484i	0.1050+0.5221i	0.1943+0.8239i
35.6	-0.0541+0.2660i	0.8105+0.9144i	0.2892-0.3270i	-0.0832-0.2207i	-0.0838-0.4124i	-1.4837+0.3623i	0.1324+0.5050i	0.2511+0.8103i
35.7	-0.0286+0.2158i	0.9068+0.8471i	0.2530-0.2261i	-0.0996-0.2339i	-0.1159-0.3898i	-1.3920+0.2026i	0.1900+0.4422i	0.3263+0.7582i
35.8	-0.0232+0.1772i	0.9600+0.7788i	0.2966-0.0845i	-0.1225-0.2306i	-0.1331-0.3694i	-1.3553+0.0796i	0.2101+0.4024i	0.3684+0.7062i
35.9	-0.0473+0.1940i	0.9739+0.6640i	0.2959-0.2624i	-0.1714-0.1871i	-0.1490-0.3436i	-1.3267+0.0346i	0.2208+0.4030i	0.4121+0.6759i
36.0	-0.0563+0.1799i	0.9999+0.5969i	0.3108-0.2001i	-0.2014-0.1782i	-0.1674-0.3228i	-1.3011-0.0184i	0.2314+0.3806i	0.4566+0.6484i
36.1	-0.0782+0.1573i	1.0430+0.5553i	0.4006-0.2240i	-0.2285-0.1604i	-0.1755-0.2997i	-1.3365-0.1244i	0.1998+0.3423i	0.4390+0.5948i
36.2	-0.0803+0.1752i	1.0221+0.4790i	0.2716-0.0878i	-0.2263-0.1176i	-0.1710-0.2798i	-1.2920-0.2122i	0.2085+0.3403i	0.4427+0.5467i
36.3	-0.0728+0.1680i	0.9610+0.4472i	0.1211-0.0688i	-0.2205-0.1130i	-0.1602-0.2753i	-1.2725-0.2197i	0.2103+0.3359i	0.4439+0.5387i
36.4	-0.1002+0.1774i	0.9610+0.3681i	-0.0062-0.2404i	-0.2530-0.0701i	-0.1593-0.2592i	-1.2409-0.2856i	0.1957+0.3282i	0.4492+0.4968i
36.5	-0.1016+0.1728i	0.9689+0.3158i	0.0967-0.2732i	-0.2462-0.0450i	-0.1541-0.2372i	-1.2962-0.3572i	0.1920+0.2915i	0.4234+0.4333i
36.6	-0.0916+0.1762i	0.9324+0.2998i	0.1807-0.1763i	-0.2290-0.0518i	-0.1593-0.2537i	-1.3293-0.4128i	0.2172+0.2899i	0.4340+0.4553i
36.7	-0.0520+0.1821i	0.8814+0.2831i	0.1338-0.1819i	-0.1931-0.0638i	-0.1667-0.2678i	-1.3927-0.4080i	0.2544+0.2843i	0.4375+0.4950i
36.8	-0.0448+0.1670i	0.8691+0.2878i	0.1633-0.0979i	-0.1771-0.0695i	-0.1613-0.2781i	-1.4268-0.5034i	0.2487+0.2657i	0.4267+0.5063i
36.9	-0.0790+0.1231i	0.8887+0.2795i	0.2317-0.0648i	-0.2360-0.0771i	-0.1949-0.2808i	-1.4814-0.6567i	0.2506+0.2274i	0.5021+0.4674i
37.0	-0.0939+0.1045i	0.8768+0.2717i	0.2279-0.0192i	-0.2502-0.0628i	-0.2190-0.2787i	-1.6071-0.7323i	0.2468+0.2049i	0.5116+0.4277i
37.1	-0.0961+0.1065i	0.8981+0.2654i	0.0326-0.0339i	-0.2492-0.0470i	-0.2590-0.2718i	-1.7392-0.7297i	0.2594+0.1896i	0.5373+0.4081i

37.2	-0.1015+0.1282i	0.9323+0.2889i	0.1663+0.1811i	-0.2295-0.0211i	-0.2873-0.2675i	-1.9590-0.8007i	0.2807+0.2036i	0.5603+0.3969i
37.3	-0.1277+0.1248i	0.9392+0.2437i	0.3294+0.1659i	-0.2255+0.0072i	-0.2874-0.2339i	-2.0932-0.8127i	0.2539+0.1831i	0.5415+0.3258i
37.4	-0.1544+0.1296i	0.9524+0.1909i	0.2841+0.1716i	-0.2352+0.0098i	-0.3022-0.2050i	-2.1477-0.7077i	0.2352+0.1817i	0.5529+0.3032i
37.5	-0.1860+0.1172i	1.0027+0.1505i	0.3195-0.0932i	-0.2698+0.0156i	-0.3471-0.1492i	-2.3405-0.5348i	0.2398+0.1426i	0.5948+0.2516i
37.6	-0.2095+0.1515i	0.9408+0.0903i	0.3028-0.1491i	-0.2783+0.0448i	-0.3269-0.1181i	-2.3625-0.4393i	0.2510+0.1348i	0.5951+0.2144i
37.7	-0.2001+0.1735i	0.9593+0.0692i	0.2723-0.0253i	-0.2459+0.0577i	-0.3344-0.0917i	-2.4343-0.3442i	0.2632+0.1184i	0.5796+0.1817i
37.8	-0.2237+0.1815i	0.9757+0.0655i	0.4189+0.0349i	-0.2631+0.0752i	-0.3439-0.0819i	-2.5132-0.3393i	0.2458+0.1117i	0.5765+0.1470i
37.9	-0.2657+0.1885i	0.9627+0.0186i	0.5222-0.0562i	-0.2959+0.0850i	-0.3282-0.0490i	-2.5327-0.2594i	0.2063+0.0924i	0.5556+0.0949i
38.0	-0.2489+0.2221i	0.9316-0.0194i	0.2975-0.0405i	-0.2595+0.1050i	-0.3030-0.0454i	-2.5085-0.1542i	0.2255+0.1022i	0.5190+0.0768i
38.1	-0.2365+0.2464i	0.9646-0.0418i	0.1334+0.0072i	-0.2506+0.1542i	-0.3238-0.0270i	-2.5481-0.1416i	0.2398+0.1276i	0.5256+0.0615i
38.2	-0.3112+0.3235i	0.9646-0.0677i	0.2627-0.0970i	-0.2934+0.2277i	-0.3160-0.0024i	-2.6173-0.0643i	0.1944+0.1521i	0.5283+0.0124i
38.3	-0.3124+0.4158i	0.9240-0.1149i	0.3381-0.3066i	-0.2614+0.3149i	-0.2801+0.0290i	-2.7228+0.0475i	0.1814+0.1514i	0.4804-0.0703i
38.4	-0.2585+0.4661i	0.9376-0.1556i	0.3831-0.2694i	-0.1808+0.3348i	-0.2736+0.0225i	-2.8438+0.1378i	0.1994+0.1818i	0.4219-0.0681i
38.5	-0.2333+0.5375i	0.9143-0.1762i	0.2510-0.4386i	-0.1979+0.4071i	-0.2680+0.0500i	-2.6088+0.2033i	0.1659+0.1965i	0.4063-0.1217i
38.6	-0.1705+0.5871i	0.8650-0.2037i	0.2020-0.4173i	-0.1295+0.4194i	-0.2481+0.0755i	-2.6035+0.3999i	0.1910+0.1569i	0.3660-0.1675i
38.7	-0.1202+0.6078i	0.8042-0.2117i	0.0143-0.4836i	-0.0759+0.4232i	-0.2129+0.0640i	-2.5398+0.4532i	0.1840+0.1586i	0.2837-0.1649i
38.8	-0.0677+0.6404i	0.7934-0.2675i	0.0704-0.4058i	-0.0115+0.4412i	-0.2113+0.0800i	-2.6008+0.5879i	0.2226+0.1709i	0.2594-0.1814i
38.9	-0.0016+0.6973i	0.7615-0.3176i	-0.1459-0.4331i	0.0598+0.4749i	-0.2178+0.0958i	-2.6499+0.7261i	0.2697+0.2020i	0.2392-0.1809i
39.0	0.1101+0.6957i	0.7238-0.3328i	-0.2076-0.6927i	0.1421+0.4466i	-0.1816+0.1203i	-2.4363+1.0272i	0.2679+0.1585i	0.1634-0.1866i
39.1	0.1991+0.6763i	0.6863-0.2999i	-0.2257-0.6692i	0.1952+0.4434i	-0.1434+0.1336i	-2.1894+1.0026i	0.2763+0.1487i	0.1101-0.2020i
39.2	0.2801+0.6319i	0.6232-0.2507i	-0.4803-0.2952i	0.2875+0.4354i	-0.0927+0.1362i	-2.1393+0.7455i	0.3048+0.1497i	0.0542-0.2103i
39.3	0.2803+0.5525i	0.6198-0.2812i	-0.2380-0.5214i	0.2735+0.3316i	-0.0816+0.1054i	-2.1068+0.8561i	0.2681+0.1033i	0.0287-0.1505i
39.4	0.3097+0.5174i	0.5960-0.2733i	-0.3078-0.5762i	0.2810+0.2903i	-0.0778+0.1114i	-2.0160+0.9149i	0.2533+0.0755i	0.0155-0.1369i
39.5	0.3644+0.4523i	0.5679-0.2530i	-0.3492-0.4115i	0.3479+0.2337i	-0.0743+0.0749i	-2.0232+0.7600i	0.2892+0.0764i	-0.0186-0.0842i
39.6	0.3821+0.4262i	0.5357-0.2597i	-0.5490-0.3305i	0.3755+0.2263i	-0.0581+0.0580i	-2.0115+0.6439i	0.3010+0.0930i	-0.0348-0.0539i
39.7	0.3449+0.3546i	0.5645-0.2490i	-0.1622-0.4901i	0.3392+0.1761i	-0.0617+0.0401i	-2.1432+0.4772i	0.2761+0.0805i	-0.0400-0.0295i
39.8	0.3373+0.3252i	0.5951-0.1894i	-0.1830-0.3453i	0.3614+0.1365i	-0.0454+0.0415i	-2.2670+0.5879i	0.2729+0.0499i	-0.0669-0.0280i
39.9	0.3584+0.3406i	0.6014-0.2041i	-0.3642-0.3949i	0.3851+0.1281i	-0.0199+0.0137i	-2.1360+0.7311i	0.2615+0.0558i	-0.1011-0.0062i
40.0	0.3919+0.2786i	0.5864-0.2076i	-0.3962-0.1198i	0.4188+0.0243i	0.0351-0.0093i	-2.0076+0.7935i	0.2317-0.0232i	-0.1553+0.0090i
40.1	0.4265+0.2364i	0.5704-0.2357i	-0.3918+0.2256i	0.4767-0.0217i	0.0302-0.0045i	-2.1253+0.7407i	0.2934-0.0546i	-0.1539+0.0152i
40.2	0.4077+0.2260i	0.6144-0.2581i	-0.4076-0.1902i	0.4407-0.0563i	0.0286-0.0083i	-2.1305+0.9617i	0.2603-0.0663i	-0.1670+0.0538i
40.3	0.4163+0.1732i	0.6699-0.2668i	-0.2822-0.0354i	0.4344-0.1553i	-0.0053-0.0501i	-2.1222+1.0725i	0.2936-0.1088i	-0.1251+0.1078i
40.4	0.4065+0.1390i	0.6337-0.2495i	-0.2322-0.1351i	0.3997-0.1450i	-0.0049-0.0175i	-2.0400+0.9815i	0.2696-0.1288i	-0.1145+0.0793i
40.5	0.3995+0.1832i	0.6669-0.2333i	-0.7327-0.2468i	0.3590-0.0729i	-0.0134-0.0107i	-1.8334+0.8350i	0.2408-0.0542i	-0.0958+0.0818i
40.6	0.4104+0.1099i	0.7277-0.2633i	-0.4691+0.1375i	0.3685-0.1783i	-0.0224-0.0690i	-1.8563+0.8145i	0.2500-0.0861i	-0.0906+0.1394i
40.7	0.3614+0.0268i	0.6975-0.3038i	-0.2591+0.1421i	0.3002-0.2973i	-0.0120-0.1333i	-1.8231+0.8771i	0.1637-0.1272i	-0.0997+0.1960i
40.8	0.3506+0.0602i	0.7271-0.3690i	-0.6322+0.0010i	0.2719-0.2280i	-0.0631-0.1206i	-1.7990+0.8087i	0.1822-0.0780i	-0.0582+0.1736i
40.9	0.3326-0.0047i	0.6885-0.4039i	-0.3071+0.1967i	0.2120-0.3322i	-0.0814-0.1374i	-1.7457+0.9504i	0.1456-0.1490i	-0.0411+0.2076i
41.0	0.3206-0.0072i	0.7138-0.4135i	-0.2327+0.1096i	0.1828-0.3341i	-0.0653-0.1119i	-1.6388+1.0182i	0.0939-0.1667i	-0.0504+0.2012i
41.1	0.2266-0.0205i	0.7208-0.4090i	-0.2791-0.1882i	0.1105-0.2992i	-0.0542-0.1265i	-1.7518+0.8099i	0.0245-0.1241i	-0.0419+0.1854i
41.2	0.2093-0.0586i	0.6538-0.4902i	-0.0041-0.2328i	0.0439-0.3241i	-0.0810-0.1106i	-1.6959+0.8358i	-0.0037-0.1639i	-0.0161+0.1714i
41.3	0.2385-0.0010i	0.6198-0.5165i	-0.2184-0.0685i	0.0874-0.2628i	-0.0838-0.1031i	-1.7702+0.8119i	0.0414-0.1172i	-0.0202+0.1519i
41.4	0.2146+0.0070i	0.5990-0.6280i	-0.2820-0.1731i	0.0408-0.2799i	-0.1058-0.1138i	-1.6501+0.9698i	0.0231-0.1097i	0.0034+0.1490i
41.5	0.2218-0.0386i	0.5886-0.6018i	-0.3953+0.0373i	0.0540-0.3248i	-0.1178-0.1331i	-1.6927+0.9196i	0.0411-0.1431i	-0.0175+0.1438i
41.6	0.1871-0.0530i	0.5865-0.6300i	-0.2823+0.0285i	-0.0086-0.3154i	-0.1232-0.1397i	-1.5971+0.7945i	-0.0191-0.1121i	-0.0188+0.1439i
41.7	0.1533-0.0265i	0.4975-0.6937i	-0.2764+0.0712i	-0.0842-0.3011i	-0.1436-0.1253i	-1.4042+0.8393i	-0.0600-0.0724i	0.0029+0.1803i
41.8	0.1339-0.0267i	0.3968-0.7607i	-0.3344-0.0270i	-0.1076-0.2886i	-0.1341-0.1209i	-1.3967+0.7939i	-0.0782-0.0644i	-0.0010+0.1624i
41.9	0.1250-0.0200i	0.3230-0.7685i	-0.3795-0.1399i	-0.1079-0.2443i	-0.1544-0.1152i	-1.5197+0.6778i	-0.0500-0.0367i	0.0187+0.1452i
42.0	0.1048-0.0140i	0.2087-0.7430i	-0.4281-0.2282i	-0.1184-0.2295i	-0.1506-0.1314i	-1.5118+0.7037i	-0.0653-0.0052i	-0.0099+0.1520i
42.1	0.1129-0.0294i	0.2130-0.6850i	-0.4346-0.2307i	-0.1211-0.2274i	-0.1822-0.1537i	-1.4153+0.6028i	-0.0473+0.0227i	0.0016+0.1699i
42.2	0.0844-0.0468i	0.2239-0.8304i	-0.4147-0.1304i	-0.1411-0.2333i	-0.1833-0.1128i	-1.5188+0.6440i	-0.0601-0.0255i	0.0079+0.1296i
42.3	0.0396+0.0252i	0.1808-0.6869i	-0.5907-0.1740i	-0.1492-0.0969i	-0.2572-0.1029i	-1.6971+0.4260i	0.0054+0.0787i	0.0300+0.1242i
42.4	0.0042+0.0287i	0.2061-0.6418i	-0.3960-0.0641i	-0.1921-0.0773i	-0.2644-0.1210i	-1.6680+0.3108i	-0.0208+0.0989i	0.0247+0.1230i
42.5	-0.0287+0.0759i	0.2119-0.6781i	-0.3500+0.0054i	-0.1941-0.0582i	-0.2612-0.0966i	-1.9547+0.4311i	-0.0116+0.0812i	0.0247+0.1140i
42.6	-0.0244+0.2015i	0.0908-0.7087i	-0.4165-0.1149i	-0.1792+0.0167i	-0.3051-0.1067i	-2.0332+0.7383i	0.0425+0.1555i	0.0310+0.1425i
42.7	0.0552+0.2373i	0.0272-0.6158i	-0.4921-0.2534i	-0.1506+0.0485i	-0.3021-0.0587i	-1.7380+0.7451i	0.0547+0.1401i	0.0326+0.1143i
42.8	0.1326+0.1833i	0.0103-0.6131i	-0.6267-0.1519i	-0.1368-0.0027i	-0.2609-0.0670i	-1.3883+0.6217i	0.0075+0.1088i	0.0104+0.1054i
42.9	0.0998+0.1409i	-0.0168-0.6637i	-0.5798-0.1370i	-0.1481+0.0166i	-0.2415-0.0873i	-1.5233+0.3642i	-0.0273+0.1332i	-0.0234+0.0880i
43.0	0.0759+0.1745i	-0.0273-0.5006i	-0.3735-0.0625i	-0.1157+0.0753i	-0.2606-0.0709i	-1.9640+0.4238i	0.0256+0.1702i	-0.0151+0.0770i
43.1	0.1249+0.2029i	-0.0344-0.4138i	-0.5446+0.0703i	-0.0389+0.0958i	-0.3123-0.0279i	-2.1650+0.5655i	0.1264+0.1682i	-0.0022+0.0731i
43.2	0.1728+0.2024i	-0.0213-0.4239i	-0.6640+0.0811i	0.0163+0.0972i	-0.3394+0.0253i	-2.1779+0.6966i	0.2015+0.1515i	0.0053+0.0764i
43.3	0.2450+0.1731i	0.0032-0.4647i	-0.6536+0.1092i	0.0731+0.0486i	-0.2816+0.0333i	-1.9986+0.7705i	0.2150+0.0724i	-0.0035+0.0413i
43.4	0.2452+0.1127i	0.0505-0.4982i	-0.6868+0.1574i	0.0649+0.0067i	-0.2510-0.0394i	-1.9810+0.4385i	0.1806+0.0566i	-0.0368+0.0142i

43.5	0.1943+0.1049i	-0.0420-0.4438i	-0.6639+0.0793i	0.0108+0.0253i	-0.2973-0.0352i	-1.9598+0.3947i	0.1248+0.0679i	-0.0922+0.0019i
43.6	0.1730+0.0756i	-0.0770-0.4240i	-0.6385+0.2073i	0.0100+0.0161i	-0.3063-0.0068i	-2.0722+0.3047i	0.1132+0.0680i	-0.1414+0.0499i
43.7	0.1334+0.0896i	-0.1007-0.5113i	-0.6904+0.1958i	0.0015-0.0267i	-0.2618+0.0307i	-2.3056+0.6478i	0.1100+0.0263i	-0.1133+0.0641i
43.8	0.2047+0.1563i	-0.0004-0.4537i	-0.5953+0.3225i	0.0586-0.0290i	-0.2494+0.0663i	-2.0711+1.1236i	0.1374-0.0346i	-0.0874+0.0317i
43.9	0.2976+0.0896i	0.0458-0.3463i	-0.5315+0.3456i	0.0793-0.0554i	-0.2270+0.0376i	-1.7709+0.7630i	0.1363-0.0459i	-0.1263+0.0222i
44.0	0.2823+0.0588i	-0.0403-0.3751i	-0.6093+0.1234i	0.0569-0.0522i	-0.2513-0.0248i	-1.8820+0.4754i	0.1101+0.0310i	-0.1571+0.0697i
44.1	0.2633+0.0443i	-0.0889-0.3834i	-0.6774+0.1083i	0.0375-0.0148i	-0.2549-0.0179i	-2.0314+0.2390i	0.0816+0.0727i	-0.1869+0.0986i
44.2	0.2772-0.0243i	-0.1147-0.2945i	-0.8242+0.0656i	0.0790-0.0450i	-0.2713-0.0044i	-2.3382+0.1813i	0.1549+0.0596i	-0.1596+0.1547i
44.3	0.1017-0.0433i	-0.1113-0.3554i	-0.7482+0.1478i	-0.0355-0.0450i	-0.3438+0.0409i	-2.7938+0.5194i	0.0780-0.0222i	-0.1435+0.0726i
44.4	0.0441+0.0867i	-0.2957-0.3089i	-0.7001+0.3067i	-0.0292+0.0590i	-0.3254+0.0773i	-2.9267+0.8788i	0.0422+0.0981i	-0.2005+0.1643i
44.5	0.1196+0.2181i	-0.3073-0.2621i	-0.5569+0.1861i	0.0495+0.0724i	-0.2368+0.0462i	-2.5423+1.3834i	0.1204+0.1475i	-0.1205+0.1579i
44.6	0.2037+0.1762i	-0.2090-0.1674i	-0.4762+0.2784i	0.0345+0.0046i	-0.2044+0.0075i	-2.0664+1.2961i	0.1053+0.0999i	-0.0966+0.1239i
44.7	0.2340+0.1270i	-0.0417-0.2174i	-0.7966+0.3831i	0.0760-0.0340i	-0.3357+0.0353i	-2.3744+1.2691i	0.1831+0.0166i	-0.1233+0.1182i
44.8	0.2819+0.1445i	-0.0530-0.1201i	-0.7660+0.4502i	0.0901-0.0325i	-0.3048+0.0566i	-2.1698+1.3265i	0.1481+0.0404i	-0.1298+0.1498i
44.9	0.2711+0.1002i	0.0697-0.0639i	-0.6386+0.3529i	0.0332-0.0414i	-0.2586+0.0666i	-1.9466+1.1663i	0.1464+0.0306i	-0.0264+0.1280i
45.0	0.2895+0.1095i	0.1971-0.0772i	-0.7304+0.2907i	0.0087+0.0237i	-0.3032+0.0177i	-1.8513+0.6136i	0.1496+0.0857i	-0.0363+0.0807i
45.1	0.2913+0.0727i	0.1015-0.0422i	-0.6467+0.1995i	0.0535+0.0445i	-0.3865+0.0014i	-2.4172+0.4627i	0.1856+0.1597i	-0.1306+0.1260i
45.2	0.2714+0.0491i	0.2716-0.1078i	-0.6293+0.1253i	0.0826+0.0055i	-0.3701+0.1763i	-2.4979+1.2029i	0.2543+0.0660i	-0.0720+0.1626i
45.3	0.2717+0.0619i	0.2499-0.2551i	-0.6707+0.1316i	0.0755+0.0018i	-0.2567+0.1717i	-2.1467+1.1806i	0.2249+0.0390i	-0.0385+0.1135i
45.4	0.2845+0.0543i	0.1482-0.3340i	-0.7663+0.1306i	0.1093+0.0011i	-0.2653+0.0845i	-2.4140+0.9519i	0.2565+0.0250i	-0.0549+0.0728i
45.5	0.3422+0.0671i	0.1707-0.2097i	-0.9007+0.0852i	0.1203-0.0033i	-0.2970+0.0703i	-2.2871+1.1319i	0.2676+0.0239i	-0.0626+0.1143i
45.6	0.3492+0.0347i	0.2221-0.2116i	-0.8966+0.0976i	0.0662+0.0478i	-0.2875+0.0231i	-2.0469+0.6451i	0.2213+0.1081i	-0.0417+0.1074i
45.7	0.2944-0.0463i	0.1989-0.3494i	-0.8089+0.2843i	0.0869+0.0596i	-0.3521-0.0049i	-2.7411+0.2847i	0.2868+0.1295i	-0.0779+0.0704i
45.8	0.2389+0.0053i	0.0414-0.2611i	-0.6744+0.2247i	0.1201+0.0563i	-0.3488+0.0967i	-3.2022+1.1651i	0.3252+0.0410i	-0.0479+0.0861i
45.9	0.2867+0.1029i	0.1328-0.1500i	-0.9487+0.0652i	0.1824+0.0702i	-0.3034+0.0267i	-2.9148+1.7106i	0.3704+0.0143i	0.0172-0.0279i
46.0	0.3391+0.0592i	0.1876-0.2250i	-0.8566-0.0475i	0.1705+0.0718i	-0.3038-0.0018i	-2.5090+1.3743i	0.3452+0.0369i	-0.0451-0.0890i
46.1	0.2970-0.0101i	0.1510-0.3491i	-0.7078+0.2553i	0.1613+0.0523i	-0.3837-0.0316i	-2.7626+1.0828i	0.3862+0.0215i	-0.0835-0.1131i
46.2	0.3167-0.0304i	0.1033-0.2851i	-0.8031+0.3983i	0.2199-0.0460i	-0.4954+0.0438i	-3.0826+1.5815i	0.4689-0.1556i	-0.1102-0.0941i
46.3	0.3644-0.0543i	0.0435-0.1616i	-0.9321+0.4319i	0.1995-0.0681i	-0.4661+0.0750i	-2.7555+1.8716i	0.3942-0.2234i	-0.1263-0.1386i
46.4	0.3567-0.1168i	0.0771-0.1563i	-0.9522+0.3319i	0.2335-0.0350i	-0.5282+0.0614i	-2.7405+2.0381i	0.4085-0.2555i	-0.1766-0.2571i
46.5	0.3341-0.1663i	0.3899-0.0591i	-0.7592+0.3883i	0.2568-0.0569i	-0.6604+0.1070i	-2.2905+2.1567i	0.3124-0.3244i	-0.3899-0.3407i
46.6	0.2487-0.2004i	0.6193-0.1999i	-0.5061+0.3948i	0.2198-0.1056i	-0.6331+0.3254i	-2.1778+1.8937i	0.2505-0.3032i	-0.4383-0.1268i
46.7	0.1818-0.1253i	0.6035-0.5356i	-0.6254+0.2582i	0.2215-0.1536i	-0.4844+0.4633i	-2.1199+1.9647i	0.2607-0.3495i	-0.3739-0.0176i
46.8	0.2208-0.1020i	0.4690-0.6225i	-0.8976+0.1564i	0.2420-0.1784i	-0.4224+0.3788i	-2.1603+1.6371i	0.2554-0.3829i	-0.3766-0.0288i
46.9	0.2451-0.1203i	0.3883-0.6954i	-1.1211+0.2668i	0.2283-0.2474i	-0.4404+0.3550i	-2.4027+1.5368i	0.2202-0.4431i	-0.3958-0.0045i
47.0	0.2727-0.1753i	0.3827-0.6325i	-1.2140+0.4781i	0.1588-0.2362i	-0.4012+0.4321i	-2.5956+1.7321i	0.1843-0.3945i	-0.2602+0.1035i
47.1	0.2431-0.2171i	0.4454-0.6365i	-1.0688+0.4993i	0.1626-0.2299i	-0.3213+0.4122i	-2.5395+2.0222i	0.2322-0.4168i	-0.1300-0.0344i
47.2	0.1941-0.1769i	0.3934-0.7941i	-0.9479+0.4283i	0.1769-0.2350i	-0.2990+0.3350i	-2.0459+2.2205i	0.1767-0.4838i	-0.3037-0.2475i
47.3	0.2265-0.1018i	0.2777-0.8930i	-0.9461+0.3362i	0.1044-0.2937i	-0.3146+0.4020i	-1.4615+2.0618i	0.0239-0.5123i	-0.4977-0.1183i
47.4	0.2811-0.1348i	0.2560-0.9601i	-0.9638+0.4709i	-0.0070-0.2833i	-0.2588+0.4543i	-1.3212+1.5317i	-0.0940-0.4744i	-0.4245+0.0160i
47.5	0.3357-0.2502i	0.1332-0.9911i	-0.9809+0.5500i	-0.0385-0.2269i	-0.2365+0.3936i	-1.7006+0.9417i	-0.0624-0.3851i	-0.2650-0.0051i
47.6	0.3545-0.4446i	0.0098-0.9356i	-1.1474+0.3725i	-0.0463-0.2187i	-0.2040+0.3642i	-2.0989+0.5525i	0.0155-0.3819i	-0.0820-0.0713i
47.7	0.0876-0.5462i	-0.0619-0.8690i	-1.2479+0.5998i	-0.0922-0.1447i	-0.2196+0.3585i	-2.8097+0.7817i	-0.0626-0.5071i	-0.1937-0.4031i
47.8	-0.1536-0.3948i	-0.1544-0.7979i	-1.1510+0.8498i	-0.1223-0.0437i	-0.1034+0.3758i	-2.8935+1.3449i	-0.2384-0.4668i	-0.3624-0.5100i
47.9	-0.1769-0.2033i	-0.1622-0.7647i	-1.0811+0.9893i	-0.0511+0.0204i	-0.1665+0.2243i	-2.7194+1.5663i	-0.2514-0.3710i	-0.5899-0.5742i
48.0	-0.0580-0.2300i	-0.1417-0.8473i	-1.2416+1.0158i	0.0631-0.0065i	-0.3229+0.2939i	-2.9926+1.3395i	-0.1858-0.3918i	-0.7885-0.4864i
48.1	-0.1705-0.1928i	-0.1726-0.9092i	-0.8742+1.0401i	0.0499-0.0412i	-0.1865+0.3653i	-2.9224+2.0547i	-0.2735-0.4053i	-0.8684-0.4513i
48.2	-0.1716-0.1022i	-0.3639-0.8631i	-0.6051+1.1626i	0.0425+0.0317i	-0.2266+0.2295i	-2.5959+1.5932i	-0.3327-0.3573i	-1.0862-0.4833i
48.3	-0.1881-0.0748i	-0.3775-0.6432i	-0.6715+1.1979i	0.0732-0.0169i	-0.3169+0.2970i	-2.8255+1.7898i	-0.4061-0.3388i	-1.2636-0.2163i
48.4	-0.1391+0.0268i	-0.2466-0.5296i	-0.6086+1.2691i	0.0024-0.0287i	-0.1352+0.3422i	-2.3120+1.7759i	-0.4494-0.1825i	-0.9540+0.0911i
48.5	-0.0171+0.0680i	-0.1801-0.5330i	-0.4921+1.0461i	0.0971+0.0464i	-0.1621+0.2110i	-2.4194+1.3806i	-0.3556-0.1051i	-0.9113-0.0513i
48.6	-0.0396-0.0037i	-0.1709-0.5608i	-0.4229+0.9618i	0.1821-0.0148i	-0.2549+0.3277i	-2.9722+1.5650i	-0.3308-0.1349i	-1.0927+0.0582i
48.7	-0.0822+0.0047i	-0.1404-0.5973i	-0.3975+1.0443i	0.1567-0.0947i	-0.2885+0.4458i	-3.1363+1.9931i	-0.3921-0.1906i	-1.1631+0.1887i
48.8	-0.1185-0.0250i	-0.2303-0.5706i	-0.4290+1.0471i	0.0496-0.1032i	-0.1206+0.4856i	-3.2323+2.1376i	-0.4944-0.1354i	-1.0335+0.2553i
48.9	-0.1486+0.1161i	-0.2471-0.5196i	-0.2899+1.1028i	0.0226-0.0141i	0.0394+0.3840i	-2.7350+2.5164i	-0.5114+0.0594i	-0.9603+0.2877i
49.0	0.0215+0.2446i	-0.1066-0.6035i	0.0176+1.1206i	0.0353+0.1170i	0.1123+0.1103i	-1.6414+1.7519i	-0.2179+0.1843i	-0.6098+0.0928i
49.1	0.0512+0.1713i	-0.1295-0.6414i	-0.0904+1.0860i	0.1622+0.1149i	-0.1074-0.0212i	-2.3221+1.2372i	-0.1903+0.0417i	-0.9496-0.1685i
49.2	0.1071+0.1662i	-0.1353-0.6741i	-0.1546+1.1814i	0.2513+0.0834i	-0.2639+0.0939i	-2.8164+1.1258i	-0.2265-0.0074i	-1.2161-0.0685i
49.3	0.1331+0.1281i	-0.1902-0.6812i	-0.0503+1.1598i	0.2908+0.0098i	-0.4100+0.2853i	-3.4203+1.3052i	-0.2872-0.0500i	-1.4321+0.1609i
49.4	0.0993+0.0631i	-0.2601-0.6186i	0.1304+1.0541i	0.3101-0.0815i	-0.3528+0.5201i	-3.9924+2.0472i	-0.3803-0.0085i	-1.4979+0.5424i
49.5	0.0697+0.2328i	-0.1530-0.6596i	0.5979+1.0549i	0.2358-0.0340i	-0.0316+0.4931i	-3.1931+2.6634i	-0.2540+0.1716i	-1.0238+0.7522i
49.6	0.1146+0.2997i	-0.1696-0.7685i	0.5658+1.2870i	0.1908+0.0200i	0.0445+0.2530i	-2.9636+2.4809i	-0.2017+0.1773i	-0.8265+0.5193i
49.7	0.2220+0.2116i	-0.3174-0.8063i	0.3734+1.1605i	0.2210+0.0429i	-0.0452+0.0120i	-2.8299+2.0742i	-0.2045+0.1153i	-0.8898+0.1728i

49.8	0.2568+0.0681i	-0.4475-0.7513i	0.4070+0.7529i	0.3580+0.0398i	-0.2910-0.0989i	-3.3513+1.8194i	-0.2067+0.0337i	-1.2487-0.0624i
49.9	0.2581+0.0318i	-0.4503-0.6510i	0.6672+0.3411i	0.4885-0.0504i	-0.3961+0.0162i	-3.7018+2.3953i	-0.1566+0.0519i	-1.4697+0.1346i
50.0	0.2420+0.1721i	-0.3918-0.7389i	0.9512+0.3214i	0.4574-0.0915i	-0.4690+0.0767i	-3.1606+2.6407i	-0.1393+0.0283i	-1.5700+0.2631i
50.1	0.4110+0.1293i	-0.4305-0.8440i	1.2231+0.5283i	0.4535-0.1106i	-0.4334+0.2008i	-3.2473+2.3717i	-0.1742-0.0016i	-1.5395+0.3837i
50.2	0.2795+0.0323i	-0.6520-0.7022i	1.5465+0.9165i	0.3820-0.1475i	-0.3253+0.3110i	-3.7315+3.2215i	-0.2885+0.1091i	-1.5403+0.6487i
50.3	0.1287-0.0023i	-0.7544-0.4912i	1.1701+0.2836i	0.3599-0.1997i	-0.3663+0.0962i	-3.4228+3.6986i	-0.2861+0.0942i	-1.6070+0.5434i
50.4	0.1718+0.1886i	-0.6518-0.3422i	1.1111-0.2464i	0.4405-0.1660i	-0.6116-0.0490i	-2.4877+3.5418i	-0.2578+0.1397i	-1.8887+0.5115i
50.5	0.3726+0.2996i	-0.4658-0.3826i	1.4740-0.0375i	0.4629-0.1048i	-0.6025+0.1202i	-1.9968+2.9839i	-0.1709+0.2143i	-1.7082+0.6860i
50.6	0.4890+0.1764i	-0.4386-0.4801i	1.5562-0.3726i	0.5805-0.1477i	-0.7035+0.1681i	-2.4628+2.3466i	-0.0998+0.1496i	-1.8369+0.6812i
50.7	0.4543+0.1096i	-0.5230-0.3774i	1.2843-0.5347i	0.6336-0.3175i	-0.8729+0.3454i	-3.1502+2.6824i	-0.1357+0.1251i	-2.1292+1.0812i
50.8	0.6617+0.0807i	-0.4837-0.2726i	1.6404-1.3402i	0.6546-0.4299i	-0.7462+0.4325i	-2.6640+2.9569i	-0.0658+0.0705i	-1.8237+1.2390i
50.9	0.7507-0.0216i	-0.4191-0.1928i	2.0136-1.4800i	0.6479-0.4604i	-0.7479+0.4969i	-2.4057+2.8295i	-0.1015+0.0332i	-1.8316+1.2643i
51.0	0.7678-0.0956i	-0.1741-0.2000i	2.0425-1.9545i	0.5762-0.5980i	-0.6305+0.7366i	-2.0890+2.8193i	-0.0939+0.0360i	-1.6062+1.6274i
51.1	0.9218-0.2243i	-0.0898-0.4453i	1.7568-2.2667i	0.4913-0.5898i	-0.4117+0.6919i	-1.8822+2.0253i	-0.0436+0.0044i	-1.2246+1.4827i
51.2	0.6357-0.6242i	-0.3075-0.5219i	1.7830-2.5444i	0.4342-0.5020i	-0.3187+0.2390i	-2.9126+1.5195i	-0.1366-0.0568i	-1.3106+0.7571i
51.3	0.3384-0.5060i	-0.3220-0.4514i	1.1936-2.6979i	0.4947-0.4948i	-0.7399+0.0682i	-3.3499+1.8565i	-0.2735-0.0346i	-2.0583+0.6668i
51.4	0.4956-0.4380i	-0.2565-0.3023i	1.3310-2.7369i	0.6470-0.6128i	-1.0996+0.4484i	-3.6864+1.9708i	-0.2875+0.0441i	-2.5697+1.3666i
51.5	0.4439-0.5147i	-0.1004-0.1567i	1.2133-3.3070i	0.5838-0.8331i	-1.0084+0.8378i	-3.7194+2.5587i	-0.2547+0.1471i	-2.3700+2.1380i
51.6	0.5874-0.4045i	0.0438-0.4150i	1.4904-3.8843i	0.5742-0.8227i	-0.8647+0.8563i	-3.1618+2.1755i	-0.1270+0.1183i	-2.0361+2.1308i
51.7	0.7077-0.6388i	0.0070-0.6204i	1.7157-4.0711i	0.5189-0.9697i	-0.5368+1.0818i	-3.8846+2.0981i	-0.1110+0.0730i	-1.6146+2.4696i
51.8	0.5919-0.8138i	-0.0730-0.6925i	1.4782-4.5014i	0.3524-1.0068i	-0.2409+0.7623i	-4.0092+2.3780i	-0.1245+0.0175i	-1.1353+2.1429i
51.9	0.6073-0.8447i	-0.2024-0.6108i	1.1429-5.7260i	0.4866-1.0027i	-0.7493+0.5390i	-4.0885+2.1242i	-0.1918+0.0178i	-1.7951+1.9439i
52.0	0.7522-1.0162i	-0.0590-0.5982i	0.9580-5.9427i	0.4527-1.1545i	-0.6439+0.9052i	-4.2473+2.0216i	-0.1719+0.0950i	-1.6229+2.4431i
52.1	0.0350-1.4997i	-0.3538-0.7533i	-1.2744-6.1960i	0.1176-1.1744i	-0.5685+0.2574i	-5.0212+2.0788i	-0.3365-0.1295i	-1.6267+1.5373i
52.2	-0.2568-1.2496i	-0.4103-0.5628i	-1.2261-6.1933i	0.2836-1.1175i	-1.4171+0.2667i	-5.6413+2.3085i	-0.5242-0.0412i	-2.8428+1.7709i
52.3	-0.1731-1.0570i	-0.1598-0.5529i	-0.1457-6.4583i	0.2643-1.2228i	-1.2534+0.8854i	-5.8777+3.3677i	-0.3740+0.1955i	-2.3709+2.8409i
52.4	-0.1070-0.8361i	-0.0614-0.4264i	-0.3211-7.1120i	0.1154-1.2950i	-1.0495+1.2191i	-5.2877+4.2787i	-0.1863+0.3445i	-1.6993+3.4943i
52.5	0.0009-1.2688i	0.0055-0.4246i	-1.1860-7.8044i	0.0558-1.5016i	-0.8944+1.4404i	-5.4257+3.5021i	-0.1289+0.2226i	-1.4627+3.7874i
52.6	-0.5343-1.5651i	0.1965-0.7344i	-3.2774-9.2987i	-0.2268-1.6411i	-0.7353+1.1483i	-6.3669+3.6523i	-0.2090+0.0856i	-1.0830+3.4249i
52.7	-0.6975-0.9467i	0.2247-0.8324i	-4.0948-7.9917i	-0.3510-1.4531i	-1.0532+1.3561i	-5.7751+4.7974i	-0.2454+0.2197i	-1.2944+3.6059i
52.8	-0.4326-0.9445i	0.3346-1.1888i	-4.2206-7.4042i	-0.4631-1.4049i	-0.5403+1.5093i	-5.4915+4.1992i	-0.1114+0.2000i	-0.5302+3.6500i
52.9	-0.8541-1.2766i	-0.2035-1.3875i	-5.2135-8.1200i	-0.6149-1.3687i	-0.6084+0.8846i	-6.7937+4.5504i	-0.2021+0.0224i	-0.5369+2.8841i
53.0	-1.3615-0.8943i	-0.6194-1.0884i	-5.5510-7.4497i	-0.5819-1.2847i	-1.7283+1.0615i	-7.9062+6.0170i	-0.4992+0.1140i	-1.9677+3.2010i
53.1	-1.0490-0.3942i	-0.2357-0.8001i	-6.4904-7.6659i	-0.7429-1.3908i	-1.4374+2.2134i	-6.2162+7.6218i	-0.4466+0.3459i	-1.1899+4.5617i
53.2	-0.8325-0.7989i	-0.0841-1.0032i	-8.2108-8.8007i	-0.9892-1.5677i	-0.8221+2.6081i	-5.5724+6.8261i	-0.3636+0.3281i	-0.3284+4.7895i
53.3	-1.2134-0.7089i	-0.0296-1.1305i	-9.8257-7.0016i	-1.4057-1.3235i	-0.0934+2.5555i	-5.5038+7.4308i	-0.3146+0.4506i	0.7098+4.7075i
53.4	-1.4253-0.5655i	-0.0962-1.4386i	-10.6403-5.1910i	-1.5557-0.8168i	0.2714+1.6083i	-5.0425+6.9109i	-0.2577+0.3803i	1.2137+3.1379i
53.5	-1.8789-0.2671i	-0.3081-1.4433i	-10.9408-3.1129i	-1.3733-0.4330i	-0.7949+1.0053i	-6.3837+6.7819i	-0.3698+0.3352i	-0.2036+2.1594i
53.6	-1.7025+0.3121i	-0.0314-1.1333i	-10.3881-3.3044i	-1.1455-0.6445i	-1.4537+2.3036i	-6.5523+8.6848i	-0.3839+0.4890i	-1.0124+3.9039i
53.7	-1.1341+0.3258i	0.1803-1.4588i	-9.7889-4.4451i	-1.1554-0.7946i	-0.8186+2.8842i	-5.3312+8.8948i	-0.2525+0.4589i	-0.1475+4.5637i
53.8	-1.1493-0.0650i	-0.0301-1.9314i	-10.6871-4.8100i	-1.3823-0.8374i	-0.4575+3.0496i	-5.9866+8.5799i	-0.3071+0.4654i	0.2833+4.7293i
53.9	-1.3625+0.0549i	-0.4374-2.1711i	-11.1417-3.4960i	-1.5356-0.6478i	-0.2928+3.3320i	-6.5804+10.1216i	-0.3328+0.6417i	0.5298+5.1458i
54.0	-1.4284+0.2767i	-0.9767-1.9972i	-10.9034-2.4132i	-1.5426-0.4158i	0.0343+3.5899i	-5.6744+11.7360i	-0.2735+0.7927i	0.8393+5.3641i
54.1	-1.3216+0.6359i	-0.7706-1.4626i	-11.1096-1.1540i	-1.4784-0.2125i	0.5176+3.6298i	-3.9489+11.9438i	-0.1438+0.9317i	1.4680+5.5207i
54.2	-0.8651+0.5634i	0.1596-1.7285i	-11.9258-1.0855i	-1.3763-0.2761i	1.0785+3.5140i	-3.3355+10.0544i	0.1854+0.9086i	2.5087+5.2966i
54.3	-1.1444+0.3383i	0.0386-2.7226i	-13.0936-0.7876i	-1.6588-0.2614i	1.6349+3.5780i	-4.7738+10.9683i	0.2955+0.7942i	3.3799+5.1234i
54.4	-1.3623+0.7232i	-0.9865-3.2782i	-12.6004+0.4908i	-1.7698+0.1356i	2.3044+3.2373i	-3.6282+13.5362i	0.4019+0.6802i	4.2469+4.2774i
54.5	-1.1080+1.1054i	-1.7957-3.0839i	-11.2919+2.2264i	-1.5375+0.4980i	2.4609+2.6905i	-1.6634+14.2275i	0.4718+0.6248i	4.2681+3.3638i
54.6	-0.7354+1.2716i	-2.2560-2.5371i	-10.5283+2.4148i	-1.2440+0.5890i	2.4626+2.2659i	0.4603+13.5191i	0.5016+0.5371i	4.0358+2.7409i
54.7	-0.3008+1.1769i	-2.1759-2.2196i	-9.7158+2.4373i	-1.0061+0.5146i	2.2008+1.9902i	1.4500+12.0675i	0.5158+0.4457i	3.5745+2.3256i
54.8	-0.3876+0.6306i	-2.1641-2.5813i	-10.3076+2.6524i	-1.0892+0.3651i	1.9815+2.1783i	0.0810+11.2824i	0.4128+0.4116i	3.0437+2.5040i
54.9	-0.7001+0.7467i	-3.1187-2.5595i	-8.8973+4.3825i	-1.0847+0.6186i	2.3891+2.2840i	0.1797+13.0185i	0.4565+0.4755i	3.2415+2.6866i
55.0	-0.7623+1.0167i	-3.4929-1.8451i	-8.7731+5.0789i	-1.0057+0.7451i	2.6805+1.9668i	1.5965+13.4056i	0.5066+0.4354i	3.5014+2.4061i
55.1	-0.5439+0.9773i	-3.3565-1.1970i	-7.7196+3.3675i	-0.7914+0.6341i	2.6442+1.6502i	2.9132+12.3276i	0.5584+0.3016i	3.3708+2.0970i
55.2	-0.4352+0.9401i	-3.3264-0.8335i	-6.7246+2.7012i	-0.6498+0.5879i	2.6457+1.4257i	3.7331+11.8047i	0.5469+0.1972i	3.2531+1.8920i
55.3	-0.3832+1.0558i	-3.1632-0.3645i	-6.4452+3.0001i	-0.5672+0.6288i	2.6353+1.2143i	4.5622+11.1293i	0.5211+0.1982i	3.1540+1.7546i
55.4	-0.2907+1.0712i	-2.4697-0.0902i	-6.2860+2.2001i	-0.5393+0.5703i	2.5188+1.0543i	4.9956+9.8201i	0.5250+0.1959i	3.1206+1.7478i
55.5	-0.3228+1.0640i	-1.8937-0.8229i	-7.9334+2.6467i	-0.7125+0.5484i	2.5305+1.2487i	3.8583+8.8645i	0.5532+0.1903i	3.3084+2.0492i
55.6	-0.3483+1.0121i	-2.3789-1.2425i	-8.0514+2.4556i	-0.7513+0.5852i	2.8145+1.1845i	3.3003+9.2463i	0.5828+0.0899i	3.7154+1.9140i
55.7	-0.2709+1.1099i	-3.0052-0.6669i	-7.4070+1.9587i	-0.6300+0.6652i	2.9703+0.6712i	4.0656+9.4567i	0.5688+0.0101i	3.8813+1.3339i
55.8	-0.2142+1.1633i	-2.9154-0.4111i	-7.6421+2.1034i	-0.5635+0.6998i	2.9025+0.4442i	4.5204+9.1776i	0.5504-0.0327i	3.8380+1.0161i
55.9	-0.1458+1.1516i	-2.5945-0.2157i	-7.7196+2.0972i	-0.4892+0.6606i	2.7169+0.2775i	4.8915+8.5937i	0.5315-0.0700i	3.6481+0.8379i
56.0	-0.0940+1.0599i	-2.3599-0.6368i	-8.1954+1.5875i	-0.4909+0.5793i	2.4866+0.3613i	4.4975+7.7626i	0.4998-0.1327i	3.2698+0.8424i

56.1	-0.1108+1.0369i	-3.1530-1.0484i	-8.1511+1.9412i	-0.5288+0.6209i	2.6640+0.5835i	3.6388+7.9583i	0.4788-0.2019i	3.4134+1.2015i
56.2	-0.0925+1.0835i	-3.3900-0.2742i	-7.8044+2.2504i	-0.4144+0.6633i	2.7976+0.2755i	4.2397+8.4337i	0.4141-0.2273i	3.6948+0.9567i
56.3	0.0069+1.0865i	-2.8131+0.0562i	-7.3452+2.4993i	-0.3252+0.6253i	2.5990+0.1014i	4.7967+8.2007i	0.3842-0.2297i	3.6251+0.6966i
56.4	-0.0739+1.1543i	-2.7469-0.0410i	-8.5070+2.0800i	-0.4091+0.6251i	2.5821+0.0908i	4.5036+7.8919i	0.3674-0.2584i	3.7326+0.5825i
56.5	-0.1191+1.1697i	-2.8021-0.2514i	-8.9759+1.3665i	-0.4606+0.6189i	2.5963+0.1148i	4.3271+7.5218i	0.3381-0.2951i	3.7295+0.4352i
56.6	-0.0550+1.1304i	-2.9552-0.1622i	-8.1717+0.9648i	-0.4257+0.6110i	2.6779-0.0282i	4.5121+7.1775i	0.3208-0.3379i	3.6631+0.1886i
56.7	0.0048+1.1652i	-3.0674+0.0427i	-7.6324+1.0676i	-0.3901+0.6227i	2.7163-0.1812i	4.5036+7.1211i	0.3013-0.3816i	3.6016+0.0668i
56.8	0.0005+1.2369i	-2.9707+0.0228i	-8.1682+1.2581i	-0.3949+0.6595i	2.6971-0.2991i	4.4582+7.0427i	0.2409-0.3959i	3.4973-0.0491i
56.9	-0.0052+1.2891i	-3.0563-0.1844i	-8.8864+0.6076i	-0.3931+0.6871i	2.6720-0.3656i	4.3497+6.9842i	0.1467-0.4162i	3.3801-0.2524i
57.0	0.1079+1.3420i	-3.1257-0.2949i	-8.6172+0.7127i	-0.3482+0.7055i	2.6244-0.3862i	4.3992+6.9703i	0.1416-0.4334i	3.3429-0.3327i
57.1	0.1879+1.3876i	-3.1900-0.5504i	-9.2122+0.7093i	-0.3582+0.7346i	2.5549-0.4016i	4.3693+6.8412i	0.0923-0.4954i	3.2022-0.4675i
57.2	0.2521+1.4783i	-4.4562-0.9704i	-11.0574+1.4802i	-0.4149+0.9273i	2.8054-0.3752i	3.8253+7.0083i	-0.0404-0.5090i	3.1730-0.4162i
57.3	0.3590+1.5429i	-5.6950+0.2166i	-10.4668+2.6200i	-0.2537+1.1734i	3.1244-0.7084i	3.6445+7.9140i	-0.1365-0.4749i	3.4422-0.4915i
57.4	0.4125+1.5728i	-5.4635+1.3884i	-11.3048+1.6111i	-0.0788+1.1332i	3.0337-1.0964i	4.2092+8.3573i	-0.1882-0.4163i	3.3847-0.8396i
57.5	0.5045+1.5307i	-5.0831+1.6812i	-11.0933+0.8770i	0.0376+1.0214i	2.8447-1.2508i	4.6866+8.2165i	-0.2273-0.3968i	3.1552-1.0146i
57.6	0.6290+1.5370i	-5.0057+2.1225i	-11.0875+0.2761i	0.1422+0.9968i	2.7484-1.4233i	5.0515+8.1630i	-0.2512-0.3327i	2.9631-1.1417i
57.7	0.7424+1.5677i	-4.8233+2.4965i	-12.7792+0.9622i	0.2198+1.0160i	2.6607-1.5596i	5.3617+8.2451i	-0.2835-0.2684i	2.8175-1.2666i
57.8	0.8022+1.5276i	-4.6118+3.0769i	-12.6793+1.1235i	0.2893+0.9670i	2.5352-1.7476i	5.6122+8.0665i	-0.2943-0.2417i	2.6710-1.3193i
57.9	0.8179+1.4596i	-4.4173+3.4952i	-12.9355+0.5490i	0.3036+0.8860i	2.4434-1.9138i	5.8506+7.7523i	-0.3011-0.2599i	2.6384-1.3951i
58.0	0.8979+1.3781i	-4.2327+3.8200i	-12.3025+0.4341i	0.3776+0.8081i	2.3256-2.0484i	6.1917+7.4616i	-0.3337-0.2848i	2.4740-1.5522i
58.1	0.9989+1.4326i	-4.0573+4.3042i	-12.9220+2.0483i	0.4572+0.8260i	2.2000-2.2033i	6.4872+7.5533i	-0.3403-0.2410i	2.2498-1.6197i
58.2	1.0102+1.4264i	-3.6810+4.4644i	-13.6348+2.3339i	0.5063+0.7778i	1.9467-2.2150i	6.5083+7.5120i	-0.3705-0.2090i	1.9973-1.5529i
58.3	1.0327+1.4592i	-3.0872+4.7660i	-13.0496+1.4819i	0.5598+0.5789i	1.5888-1.8525i	6.4606+7.5622i	-0.4395-0.1477i	1.6171-0.8875i
58.4	1.3669+1.5447i	-2.8802+4.7479i	-14.8805+1.6624i	0.4217+0.5487i	2.2608-1.7783i	7.5130+7.7729i	-0.3527-0.0529i	2.5750-0.6108i
58.5	1.4406+1.2834i	-3.1877+5.0599i	-13.7355+1.9032i	0.4055+0.6254i	2.4381-2.3872i	7.7444+7.1114i	-0.3505-0.1576i	2.8965-1.3372i
58.6	1.3125+1.3266i	-2.7623+5.8995i	-14.9518+0.9101i	0.5021+0.7046i	2.1983-2.9060i	7.7490+7.0873i	-0.4282-0.1538i	2.6824-1.8983i
58.7	1.4951+1.3564i	-1.9136+6.2448i	-14.1636+2.2833i	0.6258+0.5784i	1.7461-3.1860i	8.5557+6.7305i	-0.4888-0.1208i	2.3635-2.0752i
58.8	1.6635+1.3669i	-1.3154+6.3090i	-14.8043+2.3672i	0.6698+0.5598i	1.4148-3.3018i	8.8110+6.3802i	-0.5187-0.1039i	2.1220-2.2145i
58.9	1.8145+1.3004i	-0.7370+6.5665i	-13.9897+1.8505i	0.7174+0.5142i	1.0938-3.4447i	8.9631+6.0581i	-0.5637-0.0754i	1.8620-2.3511i
59.0	1.8945+1.2101i	0.0013+6.7641i	-13.5902+1.4342i	0.7337+0.4439i	0.7447-3.5248i	9.0122+5.7610i	-0.6139-0.0440i	1.6001-2.3977i
59.1	2.0316+1.1392i	1.0870+6.5944i	-16.3668+2.3200i	0.7886+0.4055i	0.2917-3.4648i	9.2057+5.6637i	-0.6375+0.0585i	1.1799-2.2564i
59.2	2.2669+0.8987i	1.9431+6.1007i	-15.8721+3.5365i	0.8433+0.2747i	-0.1496-3.3645i	9.8334+4.7730i	-0.6777+0.1628i	0.9076-2.2054i
59.3	2.3505+0.7822i	2.3561+5.3266i	-17.0545+3.7071i	0.8497+0.2204i	-0.3893-3.1257i	9.9010+4.4740i	-0.7191+0.2304i	0.7531-2.1483i
59.4	2.4391+0.7045i	2.8942+4.8633i	-19.3461+4.0784i	0.8483+0.2187i	-0.6644-3.0034i	10.0182+4.1252i	-0.7129+0.3072i	0.5868-2.1023i
59.5	2.4710+0.5821i	3.0189+4.5262i	-20.3491+2.5090i	0.8220+0.1901i	-0.7767-2.8794i	10.0629+3.6443i	-0.6788+0.3870i	0.5456-2.0343i
59.6	2.5375+0.4282i	3.1844+3.7624i	-22.0281+3.9444i	0.8106+0.1560i	-0.9553-2.6365i	10.1472+3.1191i	-0.6191+0.5001i	0.4262-1.8553i
59.7	2.6947+0.1774i	3.3914+3.4309i	-21.1594+7.0714i	0.8491+0.0896i	-1.1472-2.5160i	10.4907+2.5536i	-0.6179+0.5678i	0.2202-1.8509i
59.8	2.5799+0.1013i	3.4536+3.1891i	-24.6595+4.9976i	0.8343+0.1113i	-1.2552-2.3731i	9.9917+2.3593i	-0.5693+0.6338i	0.0568-1.7836i
59.9	2.4949-0.1332i	3.5639+2.8354i	-24.7540+4.3876i	0.7897+0.0944i	-1.4219-2.1671i	9.6477+1.5704i	-0.4878+0.6851i	-0.0689-1.7419i
60.0	2.6156-0.2289i	3.4722+2.4691i	-26.9385+8.9790i	0.8578+0.0568i	-1.4863-1.9855i	9.8187+1.4818i	-0.4225+0.6605i	-0.0400-1.5750i
60.1	2.5017-0.3443i	3.2925+2.0113i	-26.9269+8.5884i	0.8435+0.0247i	-1.5042-1.7663i	9.3507+0.9462i	-0.3347+0.6856i	-0.0550-1.3881i
60.2	2.4130-0.5935i	3.1689+1.7468i	-26.2020+9.4853i	0.8219-0.0418i	-1.5545-1.5807i	9.0772+0.3545i	-0.2790+0.7766i	-0.0815-1.3184i
60.3	2.3664-0.7031i	3.1166+1.4521i	-27.8371+10.7055i	0.8400-0.0646i	-1.5890-1.3934i	8.7016+0.1979i	-0.2277+0.7744i	-0.1358-1.2184i
60.4	2.2724-0.8606i	3.0390+1.0119i	-26.8396+10.6572i	0.8397-0.1079i	-1.6109-1.1576i	8.3483-0.2696i	-0.1657+0.8006i	-0.1437-1.0880i
60.5	2.2276-1.0608i	2.8320+0.5482i	-25.4683+13.3225i	0.8498-0.2009i	-1.5997-0.9016i	8.2499-0.5953i	-0.1087+0.8303i	-0.1436-0.9101i
60.6	2.1192-1.1772i	2.5345+0.4014i	-25.5245+14.3705i	0.8235-0.2381i	-1.5189-0.7386i	8.0868-0.8111i	0.0075+0.8364i	-0.1073-0.8091i
60.7	1.9143-1.2310i	2.0421+0.4333i	-25.8559+12.6232i	0.7810-0.2519i	-1.3254-0.5930i	7.4250-0.7344i	0.0856+0.8214i	-0.0782-0.6792i
60.8	1.8356-1.2244i	1.7885+0.6501i	-28.8420+15.2555i	0.7767-0.2524i	-1.2108-0.5359i	7.2241-0.4199i	0.1197+0.7705i	-0.0338-0.6663i
60.9	1.5536-1.2953i	1.8710+0.7339i	-27.9802+15.2312i	0.7203-0.2558i	-1.1318-0.4953i	6.8563-0.8829i	0.2024+0.7814i	-0.0125-0.5619i
61.0	1.4303-1.1850i	1.9930+0.6819i	-29.9316+14.1554i	0.7508-0.2241i	-1.0639-0.4749i	6.3258-0.7346i	0.2463+0.7586i	-0.0428-0.5638i
61.1	1.3307-1.1495i	2.1295+0.5618i	-30.8377+14.8351i	0.7664-0.2257i	-1.0321-0.4420i	6.0990-0.7458i	0.2739+0.7472i	-0.0424-0.5336i
61.2	1.3424-1.0990i	2.1990+0.3786i	-31.2370+16.6574i	0.7960-0.2726i	-1.0368-0.4033i	6.0219-0.6333i	0.2987+0.7106i	0.0023-0.4972i
61.3	1.3585-1.0363i	2.1613+0.3440i	-32.8134+17.9641i	0.8264-0.2759i	-0.9916-0.4113i	5.9295-0.5218i	0.3725+0.6622i	0.0394-0.4693i
61.4	1.3881-1.1421i	2.1836+0.2954i	-30.1818+21.4791i	0.8611-0.3274i	-0.9986-0.3746i	6.0596-0.8247i	0.3752+0.6109i	0.0792-0.5235i
61.5	1.4873-1.1313i	2.2409+0.0398i	-33.5086+26.1770i	0.9429-0.3749i	-0.9988-0.3059i	6.2009-0.4394i	0.4144+0.5698i	0.0359-0.4525i
61.6	1.4350-1.1077i	2.1216+0.0184i	-33.5062+25.7423i	0.9634-0.4005i	-0.9667-0.2830i	5.7911-0.5165i	0.4415+0.5323i	0.0708-0.4155i
61.7	1.4184-1.0829i	2.0724-0.0190i	-36.0474+26.6467i	0.9953-0.4438i	-0.9325-0.2536i	5.6092-0.2427i	0.4637+0.4929i	0.0863-0.3833i
61.8	1.4693-1.0626i	2.1379+0.0003i	-41.8526+29.6115i	1.0873-0.4851i	-0.8979-0.2133i	5.5750+0.2999i	0.5094+0.4498i	0.0301-0.4317i
61.9	1.5595-1.1488i	2.1791-0.1340i	-42.0194+36.0967i	1.1247-0.5720i	-0.8959-0.2034i	6.0623+0.2969i	0.5190+0.4099i	0.0127-0.3575i
62.0	1.4781-1.1458i	2.0638-0.1591i	-41.4225+35.8887i	1.1111-0.5992i	-0.8676-0.1792i	5.7855+0.2529i	0.5729+0.3887i	0.0443-0.3396i
62.1	1.4924-1.2805i	2.0022-0.3720i	-39.2424+39.5134i	1.1065-0.7478i	-0.8786-0.1120i	5.9065+0.1553i	0.5705+0.3521i	0.1446-0.3332i
62.2	1.5235-1.4319i	2.0990-0.5490i	-37.4847+44.0985i	1.0860-0.8973i	-0.9065-0.0886i	6.2319-0.0611i	0.5198+0.3096i	0.1708-0.2987i
62.3	1.6412-1.4343i	2.1509-0.6439i	-41.3561+48.2764i	1.1711-1.0058i	-0.9275-0.0766i	6.3377+0.3749i	0.5496+0.2393i	0.1590-0.2648i

62.4	1.6585-1.5510i	2.2353-0.8014i	-41.3135+52.5743i	1.1711-1.1290i	-0.9547+0.0208i	6.3288+0.4791i	0.5294+0.1779i	0.1525-0.2847i
62.5	1.5735-1.6976i	2.2559-0.9799i	-39.7076+57.1957i	1.1362-1.2634i	-0.9392+0.0544i	6.4705+0.3271i	0.5449+0.1408i	0.1459-0.2417i
62.6	1.5049-1.7846i	2.0819-1.2107i	-38.1575+62.8495i	1.0458-1.3760i	-0.8584+0.0784i	6.8667+0.1519i	0.5530+0.0969i	0.1475-0.2103i
62.7	1.4751-2.0247i	1.9407-1.5532i	-33.9539+68.8811i	0.9440-1.5659i	-0.8449+0.2162i	7.1776-0.0677i	0.4893+0.0640i	0.1853-0.2043i
62.8	1.4989-2.1204i	1.8018-1.7748i	-31.1209+73.5253i	0.8975-1.7042i	-0.8502+0.2627i	7.4024-0.1005i	0.4455+0.0092i	0.2665-0.1613i
62.9	1.4070-2.2833i	1.7317-2.0881i	-27.7024+78.7596i	0.7753-1.8458i	-0.8067+0.3549i	7.7957-0.3028i	0.4322-0.0142i	0.2528-0.1055i
63.0	1.2362-2.3974i	1.5184-2.1946i	-22.5760+80.8240i	0.6182-1.9378i	-0.7545+0.4061i	7.7496-0.7166i	0.4207-0.0189i	0.2760-0.1350i
63.1	1.0753-2.4222i	1.3529-2.2241i	-17.8450+81.2379i	0.5028-1.9510i	-0.7054+0.4134i	7.5775-1.0758i	0.4238-0.0487i	0.3081-0.1718i
63.2	0.8929-2.4868i	1.0813-2.3126i	-13.6388+83.0676i	0.3372-1.9711i	-0.6573+0.4456i	7.5108-1.5072i	0.4114-0.0862i	0.3568-0.2021i
63.3	0.6241-2.6312i	0.6061-2.4128i	-5.0447+87.0894i	0.0722-2.0343i	-0.5451+0.5381i	7.4880-2.1239i	0.3419-0.0872i	0.3995-0.2490i
63.4	0.4509-2.6799i	0.3422-2.4504i	1.5002+88.2212i	-0.0903-2.0419i	-0.4627+0.5631i	7.4523-2.5358i	0.2840-0.0850i	0.3821-0.2378i
63.5	0.2965-2.6194i	0.1382-2.3512i	5.4124+86.1917i	-0.2238-2.0027i	-0.4157+0.5244i	7.1640-2.7499i	0.2694-0.1030i	0.3996-0.2543i
63.6	0.1438-2.6295i	-0.1686-2.2741i	10.7428+86.5016i	-0.3814-1.9980i	-0.3520+0.5373i	6.9720-3.0264i	0.2205-0.1018i	0.4227-0.2966i
63.7	-0.0549-2.5916i	-0.4337-2.2287i	16.9927+87.5325i	-0.5496-1.9323i	-0.2777+0.5326i	6.7890-3.4003i	0.1696-0.0989i	0.4199-0.2708i
63.8	-0.1726-2.6126i	-0.5591-2.1169i	21.7993+87.0628i	-0.6529-1.9094i	-0.2659+0.5358i	6.4919-3.6740i	0.1239-0.0988i	0.4344-0.2881i
63.9	-0.2662-2.5769i	-0.6543-1.9756i	25.2591+85.2011i	-0.7630-1.8616i	-0.2645+0.5214i	6.2757-3.8193i	0.0958-0.0940i	0.4376-0.3031i
64.0	-0.4076-2.3751i	-0.7312-1.9153i	28.0459+81.6326i	-0.8418-1.7344i	-0.2010+0.4997i	5.9081-3.7868i	0.0996-0.0972i	0.4089-0.3059i
64.1	-0.5320-2.1989i	-0.7731-1.8201i	31.5073+78.7610i	-0.9042-1.5830i	-0.1429+0.5009i	5.5278-3.8470i	0.1218-0.0654i	0.3786-0.3287i
64.2	-0.6224-2.1541i	-0.8691-1.7425i	34.8123+77.8388i	-0.9952-1.4725i	-0.1026+0.5150i	5.3082-4.1525i	0.0963-0.0298i	0.3636-0.3557i
64.3	-0.6912-2.1080i	-1.0258-1.6880i	39.0763+75.6943i	-1.0679-1.4013i	-0.0692+0.5294i	4.9944-4.2702i	0.0830+0.0100i	0.3588-0.3656i
64.4	-0.7498-2.0326i	-1.2204-1.5658i	42.7382+73.1069i	-1.1083-1.3025i	-0.0109+0.5293i	4.6777-4.2416i	0.0729+0.0513i	0.3754-0.3738i
64.5	-0.7353-1.9127i	-1.2595-1.4284i	43.8543+70.6645i	-1.1149-1.2123i	0.0392+0.4999i	4.5027-4.0107i	0.0725+0.0695i	0.3202-0.3813i
64.6	-0.7941-1.8332i	-1.3363-1.3417i	47.5352+67.9186i	-1.1331-1.1476i	0.0569+0.4962i	4.1180-4.0039i	0.0720+0.0863i	0.3491-0.4048i
64.7	-0.8293-1.7389i	-1.4866-1.1369i	49.8583+66.1846i	-1.1664-1.0430i	0.0961+0.4643i	3.8860-4.0934i	0.0720+0.0916i	0.3598-0.4366i
64.8	-0.7760-1.7080i	-1.4499-1.0471i	50.4043+65.1447i	-1.1328-1.0113i	0.1198+0.4314i	3.8474-4.0141i	0.0924+0.0896i	0.3056-0.4148i
64.9	-0.7974-1.6383i	-1.4375-0.9266i	52.0800+63.0785i	-1.0883-0.9284i	0.1460+0.3932i	3.5396-3.9721i	0.1216+0.0793i	0.2705-0.4060i
65.0	-0.8478-1.6503i	-1.4464-0.8959i	54.3513+60.2140i	-1.1026-0.8901i	0.1715+0.3993i	3.3503-3.9719i	0.1403+0.0944i	0.2444-0.3982i
65.1	-0.8678-1.6207i	-1.4911-0.7981i	55.8058+57.2353i	-1.0806-0.8547i	0.1858+0.3882i	3.1206-3.8491i	0.1538+0.0984i	0.2602-0.3913i
65.2	-0.9057-1.5284i	-1.5121-0.7619i	57.1902+54.3465i	-1.0676-0.8085i	0.2103+0.3579i	2.9029-3.7251i	0.1945+0.0906i	0.2539-0.3552i
65.3	-1.0099-1.5077i	-1.5617-0.7351i	58.4375+53.1561i	-1.0988-0.7795i	0.2505+0.3469i	2.8312-3.6497i	0.2074+0.0899i	0.2498-0.3558i
65.4	-1.0183-1.4453i	-1.5428-0.6524i	59.7371+51.7386i	-1.0806-0.7611i	0.2690+0.3235i	2.7424-3.5579i	0.2327+0.0486i	0.2294-0.3889i
65.5	-1.0572-1.3735i	-1.5810-0.6237i	60.5019+50.4278i	-1.0896-0.7407i	0.2900+0.2929i	2.6599-3.5046i	0.2601+0.0103i	0.2129-0.3703i
65.6	-1.1348-1.3388i	-1.6350-0.5751i	62.1942+49.4867i	-1.1031-0.7092i	0.3403+0.2957i	2.5087-3.4668i	0.2936+0.0000i	0.2041-0.3735i
65.7	-1.1482-1.2575i	-1.6344-0.5121i	63.8410+46.4096i	-1.1128-0.6887i	0.3644+0.2836i	2.3733-3.2694i	0.2870-0.0282i	0.1797-0.3850i
65.8	-1.1510-1.2212i	-1.6207-0.5060i	63.9800+43.4256i	-1.1355-0.6919i	0.3278+0.2739i	2.2553-3.1332i	0.2797-0.0869i	0.1627-0.3605i
65.9	-1.2349-1.1761i	-1.6937-0.4551i	66.7299+44.3123i	-1.1659-0.6641i	0.3336+0.2493i	2.1570-3.1862i	0.2874-0.1257i	0.1969-0.3608i
66.0	-1.3067-1.1073i	-1.7439-0.4279i	68.5851+42.9626i	-1.1843-0.6289i	0.3939+0.2340i	2.1040-3.0981i	0.3053-0.1721i	0.1950-0.3492i
66.1	-1.2983-1.0174i	-1.7569-0.4015i	69.8997+42.3542i	-1.1780-0.6007i	0.3994+0.2172i	1.9806-2.9592i	0.2611-0.2177i	0.1754-0.3621i
66.2	-1.3155-0.8897i	-1.7701-0.3264i	71.3264+39.3959i	-1.1972-0.5433i	0.3931+0.1796i	1.8296-2.8542i	0.2483-0.2849i	0.1875-0.3745i
66.3	-1.2658-0.8162i	-1.7722-0.2584i	71.3722+36.1830i	-1.1977-0.5249i	0.3849+0.1476i	1.8482-2.6702i	0.2201-0.3329i	0.1368-0.3710i
66.4	-1.1967-0.6973i	-1.8055-0.1455i	72.9457+33.5115i	-1.1692-0.4972i	0.3642+0.0884i	1.7992-2.5523i	0.1477-0.3747i	0.1043-0.3386i
66.5	-1.1926-0.6106i	-1.8855-0.0583i	74.0272+31.9745i	-1.1853-0.4683i	0.3951+0.0576i	1.7545-2.5080i	0.0827-0.4104i	0.1099-0.3473i
66.6	-1.2246-0.6137i	-1.9255-0.0528i	75.4025+32.1461i	-1.2253-0.4618i	0.4170+0.0978i	1.7388-2.5124i	0.0334-0.4389i	0.1115-0.3459i
66.7	-1.1470-0.5171i	-1.9858+0.0073i	77.5818+29.4212i	-1.2193-0.4320i	0.4196+0.0794i	1.7462-2.3892i	-0.0149-0.4541i	0.1081-0.3258i
66.8	-1.1552-0.4323i	-2.0745+0.0622i	80.6784+29.9084i	-1.2193-0.3830i	0.4809+0.0623i	1.6468-2.3738i	-0.0560-0.4629i	0.0849-0.3302i
66.9	-1.1208-0.4097i	-2.1503+0.1335i	82.7290+27.4310i	-1.2175-0.3657i	0.5252+0.0446i	1.6479-2.2966i	-0.1334-0.4798i	0.0494-0.3114i
67.0	-1.0254-0.4047i	-2.1438+0.2976i	85.1134+21.2177i	-1.2309-0.3629i	0.4675+0.0042i	1.5938-2.1336i	-0.2451-0.4631i	0.0515-0.2615i
67.1	-1.0164-0.3443i	-2.2188+0.4312i	87.2771+20.7216i	-1.2752-0.3142i	0.5051-0.0249i	1.6517-2.2196i	-0.3130-0.4879i	0.0458-0.2476i
67.2	-0.9663-0.2699i	-2.2210+0.5750i	88.5013+18.0376i	-1.2869-0.2952i	0.5380-0.0578i	1.6604-2.1045i	-0.3763-0.4811i	0.0214-0.2555i
67.3	-0.9633-0.2846i	-2.2286+0.6505i	90.1947+16.3033i	-1.2703-0.2960i	0.5631-0.0507i	1.5866-2.0148i	-0.4419-0.4444i	0.0087-0.2527i
67.4	-0.9234-0.2691i	-2.1785+0.8155i	89.7452+13.1860i	-1.2822-0.2860i	0.5656-0.1041i	1.6013-1.9275i	-0.5157-0.3986i	0.0166-0.2358i
67.5	-0.8652-0.2347i	-2.0677+0.8956i	90.9599+12.1073i	-1.3076-0.2809i	0.5540-0.1573i	1.6349-1.8808i	-0.5983-0.3601i	0.0022-0.2028i
67.6	-0.8749-0.2153i	-2.1080+1.0420i	93.1359+8.3009i	-1.3347-0.2547i	0.5631-0.2097i	1.5876-1.8369i	-0.6800-0.3145i	0.0282-0.1938i
67.7	-0.7938-0.1976i	-1.9983+1.1086i	96.0939+1.8116i	-1.3288-0.1993i	0.5349-0.2481i	1.5044-1.7209i	-0.7390-0.2317i	0.0222-0.2004i
67.8	-0.7726-0.1562i	-1.9505+1.2063i	98.8514-1.3462i	-1.4012-0.1554i	0.5189-0.3200i	1.5386-1.6244i	-0.7957-0.1390i	0.0253-0.1906i
67.9	-0.7463-0.1836i	-1.9369+1.2613i	98.5243-5.8624i	-1.4320-0.1442i	0.4860-0.3442i	1.6355-1.6043i	-0.7986-0.0676i	0.0485-0.1819i
68.0	-0.7060-0.1660i	-1.9178+1.3224i	102.6037-9.1905i	-1.4930-0.1163i	0.5020-0.3883i	1.7146-1.5177i	-0.8395-0.0055i	0.0381-0.1542i
68.1	-0.7362-0.1491i	-1.9769+1.3481i	105.3470-12.3253i	-1.5640-0.0803i	0.5065-0.4243i	1.7015-1.4621i	-0.8983+0.0458i	0.0511-0.1321i
68.2	-0.6852-0.1466i	-1.8578+1.4501i	104.0064-22.5570i	-1.5618+0.0011i	0.4480-0.4580i	1.8334-1.4083i	-0.9007+0.1787i	0.0444-0.1230i
68.3	-0.5760-0.1728i	-1.6934+1.5669i	105.6447-32.9218i	-1.5779+0.0690i	0.3473-0.5363i	1.8916-1.3571i	-0.9330+0.3080i	0.0332-0.1094i
68.4	-0.5921-0.1592i	-1.7279+1.6273i	104.4256-36.7143i	-1.6196+0.1296i	0.3320-0.5613i	1.9612-1.3751i	-0.9278+0.3519i	0.0428-0.0994i
68.5	-0.5955-0.1603i	-1.7025+1.7065i	103.4188-44.3375i	-1.6328+0.2237i	0.2656-0.5688i	2.0349-1.3580i	-0.8998+0.4483i	0.0687-0.0923i
68.6	-0.5844-0.0970i	-1.6487+1.8452i	102.3208-50.3950i	-1.6823+0.3300i	0.2122-0.6321i	2.1532-1.4204i	-0.8837+0.5208i	0.0851-0.0927i

68.7	-0.5089-0.0656i	-1.5293+1.9754i	98.3985-59.5464i	-1.6986+0.4369i	0.1264-0.6656i	2.3297-1.4884i	-0.8293+0.5986i	0.0939-0.1043i
68.8	-0.4912-0.0545i	-1.4491+2.0081i	92.7079-61.8908i	-1.6865+0.5441i	0.0713-0.6331i	2.3797-1.6192i	-0.7892+0.6580i	0.0978-0.1088i
68.9	-0.4664-0.1070i	-1.2947+2.0146i	83.2768-69.6120i	-1.6458+0.6601i	-0.0158-0.5820i	2.3795-1.7293i	-0.7063+0.7324i	0.1082-0.1064i
69.0	-0.4311-0.1128i	-1.2881+2.1192i	78.9483-79.1503i	-1.6198+0.7781i	-0.0757-0.5668i	2.4596-1.8197i	-0.6436+0.8044i	0.1157-0.1177i
69.1	-0.3832-0.1156i	-1.2022+2.1877i	74.7790-84.3923i	-1.5944+0.8854i	-0.1412-0.5380i	2.4598-1.9839i	-0.6127+0.8482i	0.1147-0.1378i
69.2	-0.3638-0.1081i	-1.1047+2.1509i	64.9042-85.5892i	-1.5191+0.9741i	-0.1771-0.4855i	2.4090-2.1251i	-0.5592+0.8613i	0.1268-0.1366i
69.3	-0.3072-0.1097i	-1.0765+2.1576i	60.6410-87.2925i	-1.5121+1.0733i	-0.2273-0.4537i	2.4348-2.2132i	-0.5534+0.9085i	0.1246-0.1371i
69.4	-0.2204-0.1743i	-0.9351+2.2057i	54.7898-90.8339i	-1.4216+1.2070i	-0.2915-0.3928i	2.4136-2.3763i	-0.4960+0.9833i	0.0980-0.1200i
69.5	-0.1862-0.2239i	-0.7973+2.1897i	46.3898-87.3604i	-1.2887+1.2744i	-0.3320-0.2961i	2.2740-2.4590i	-0.4032+0.9482i	0.0912-0.1419i
69.6	-0.1740-0.3349i	-0.6230+2.2466i	32.6405-89.3263i	-1.1035+1.3262i	-0.3585-0.1635i	2.0572-2.6384i	-0.3465+0.9365i	0.0816-0.1658i
69.7	-0.2378-0.3831i	-0.6048+2.1786i	26.1993-86.0774i	-0.9902+1.3373i	-0.2860-0.0970i	1.9041-2.6685i	-0.2871+0.9240i	0.0546-0.1579i
69.8	-0.2783-0.4150i	-0.5746+2.1177i	20.6842-82.9466i	-0.9111+1.3498i	-0.2458-0.0388i	1.8355-2.7091i	-0.2421+0.9225i	0.0521-0.1482i
69.9	-0.2764-0.4167i	-0.4925+2.1874i	15.5706-82.3711i	-0.7807+1.4442i	-0.2207-0.0054i	1.7447-2.8160i	-0.1701+0.9641i	0.0410-0.1524i
70.0	-0.2867-0.4660i	-0.4637+2.2283i	9.2028-82.0817i	-0.5985+1.4563i	-0.1596+0.0614i	1.5616-2.8336i	-0.1170+0.9707i	0.0278-0.1614i
70.1	-0.2928-0.4823i	-0.3911+2.1887i	2.9490-77.4876i	-0.5044+1.3727i	-0.1052+0.1022i	1.4570-2.7879i	-0.1086+0.9147i	0.0035-0.1653i
70.2	-0.3151-0.5056i	-0.3225+2.1987i	1.3061-73.4008i	-0.4042+1.3232i	-0.0700+0.1010i	1.3494-2.7703i	-0.0583+0.8903i	-0.0126-0.1655i
70.3	-0.3933-0.5828i	-0.2564+2.2106i	-1.8006-70.5449i	-0.3167+1.3649i	0.0179+0.1510i	1.2843-2.9013i	-0.0172+0.9204i	-0.0199-0.1597i
70.4	-0.3897-0.6052i	-0.0761+2.1933i	-7.1737-67.6117i	-0.1786+1.2990i	0.0167+0.1297i	1.0189-2.8925i	0.0079+0.9470i	-0.0188-0.1167i
70.5	-0.3979-0.5954i	-0.0645+2.1247i	-8.0749-63.2292i	-0.0914+1.1916i	0.0574+0.1338i	0.8092-2.6933i	0.0031+0.8884i	-0.0514-0.1110i
70.6	-0.4557-0.5808i	-0.0283+2.1009i	-11.1806-60.4101i	-0.0200+1.1067i	0.1390+0.1434i	0.6797-2.6157i	0.0176+0.8500i	-0.0744-0.1072i
70.7	-0.5060-0.5650i	0.0516+2.1396i	-13.9441-56.9156i	0.0403+1.1002i	0.1956+0.0926i	0.5710-2.7060i	0.0068+0.8557i	-0.0700-0.0680i
70.8	-0.5225-0.5729i	0.1250+2.0798i	-15.1505-50.3103i	0.0151+1.0331i	0.2232+0.0973i	0.5501-2.5797i	0.0016+0.8665i	-0.0783-0.0488i
70.9	-0.5533-0.5498i	0.1686+2.0426i	-17.2105-47.6328i	0.0533+0.9625i	0.2845+0.0819i	0.5077-2.4443i	0.0129+0.8296i	-0.0984-0.0436i
71.0	-0.6319-0.5686i	0.1497+2.0963i	-14.1878-45.4084i	0.1012+1.0008i	0.3485+0.0762i	0.4639-2.5157i	0.0509+0.8799i	-0.1058-0.0279i
71.1	-0.6669-0.5503i	0.2686+2.0344i	-14.2793-42.6211i	0.1590+0.8691i	0.3594+0.0393i	0.2924-2.3373i	0.1105+0.8652i	-0.0916-0.0240i
71.2	-0.6764-0.5343i	0.3958+1.9467i	-16.4528-40.0150i	0.2053+0.7389i	0.3894+0.0160i	0.1855-2.1596i	0.1245+0.8209i	-0.0994-0.0078i
71.3	-0.7021-0.5203i	0.4767+1.9531i	-16.2095-37.2956i	0.2826+0.7483i	0.4050-0.0465i	0.0542-2.2067i	0.1568+0.8508i	-0.1001+0.0347i
71.4	-0.7721-0.4967i	0.4705+1.9416i	-17.6966-33.4896i	0.2158+0.7183i	0.4593-0.0943i	0.1013-2.1559i	0.1367+0.8864i	-0.0995+0.0533i
71.5	-0.7847-0.4557i	0.4097+1.8864i	-17.8782-30.4862i	0.1478+0.6878i	0.4862-0.1446i	0.2117-2.0284i	0.1130+0.8970i	-0.0986+0.0707i
71.6	-0.7912-0.3946i	0.4640+1.7989i	-17.7833-28.6024i	0.1271+0.6431i	0.4887-0.1932i	0.2101-1.9487i	0.1287+0.8856i	-0.1042+0.0894i
71.7	-0.8224-0.3698i	0.6139+1.7407i	-16.6739-27.7899i	0.1768+0.5532i	0.4757-0.2144i	0.0453-1.8181i	0.1958+0.8548i	-0.1042+0.0965i
71.8	-0.8122-0.3198i	0.6041+1.7677i	-16.6212-24.5096i	0.1753+0.5658i	0.4767-0.2671i	0.0398-1.7676i	0.2081+0.8723i	-0.0803+0.1105i
71.9	-0.8102-0.2855i	0.6073+1.7240i	-15.5461-22.3229i	0.1958+0.5481i	0.4756-0.2892i	0.0632-1.7336i	0.2131+0.8567i	-0.0602+0.1233i
72.0	-0.8632-0.2642i	0.6548+1.6543i	-13.8388-23.2685i	0.2023+0.4248i	0.4967-0.3511i	0.0604-1.5619i	0.2224+0.8509i	-0.0832+0.1508i
72.1	-0.8611-0.2754i	0.7352+1.5961i	-11.9539-22.1840i	0.2355+0.3904i	0.4780-0.3364i	-0.0720-1.4689i	0.2691+0.8269i	-0.0668+0.1495i
72.2	-0.7846-0.1831i	0.6441+1.5574i	-15.1705-16.7066i	0.0900+0.4680i	0.4041-0.3774i	0.0946-1.4963i	0.2039+0.8239i	-0.0641+0.1490i
72.3	-0.7431-0.1483i	0.6499+1.6443i	-11.2058-12.3765i	0.1978+0.5195i	0.3692-0.4588i	-0.0571-1.5291i	0.2571+0.9067i	-0.0633+0.1691i
72.4	-0.7443-0.0990i	0.7000+1.5753i	-9.7111-12.3698i	0.2171+0.4388i	0.3867-0.4895i	-0.0594-1.3787i	0.2662+0.8854i	-0.0746+0.1907i
72.5	-0.7519-0.0766i	0.6474+1.5150i	-9.1086-11.8972i	0.1631+0.4172i	0.3900-0.4675i	-0.0367-1.3088i	0.2525+0.8395i	-0.0670+0.1946i
72.6	-0.7282-0.0749i	0.7016+1.5262i	-7.3224-9.2015i	0.2302+0.4253i	0.3730-0.5207i	-0.1516-1.3705i	0.2854+0.8777i	-0.0660+0.2082i
72.7	-0.7568-0.0474i	0.6706+1.6015i	-9.2499-5.7669i	0.1532+0.5012i	0.3915-0.5634i	0.0445-1.4889i	0.2599+0.9381i	-0.0433+0.2160i
72.8	-0.7035+0.0262i	0.6096+1.5167i	-10.6914-3.9487i	0.0522+0.5239i	0.3310-0.5864i	0.1724-1.4780i	0.2334+0.8976i	-0.0199+0.2192i
72.9	-0.6798+0.0407i	0.6442+1.3786i	-11.1530-7.8989i	-0.0232+0.3417i	0.2726-0.6157i	0.2363-1.1786i	0.2527+0.8047i	-0.0149+0.2334i
73.0	-0.7084+0.0314i	0.6833+1.3194i	-8.3514-8.3030i	0.0325+0.2863i	0.2745-0.6155i	0.1324-1.0347i	0.2882+0.8037i	-0.0174+0.2406i
73.1	-0.7082+0.0715i	0.8417+1.2806i	-0.7844-9.3825i	0.1975+0.2298i	0.1965-0.6784i	-0.1340-0.9970i	0.4407+0.7897i	-0.0057+0.2631i
73.2	-0.6359+0.0603i	0.9171+1.2606i	1.3863-9.0883i	0.2195+0.1761i	0.1124-0.6839i	-0.1557-0.9104i	0.4891+0.7892i	0.0232+0.2863i
73.3	-0.5872+0.0493i	0.8087+1.2615i	-2.4696-5.5978i	0.1262+0.2444i	0.1596-0.6513i	-0.0226-0.9325i	0.3693+0.7965i	-0.0131+0.2775i
73.4	-0.6282+0.0497i	0.7277+1.1602i	-3.7112-8.8878i	0.0538+0.1543i	0.2088-0.6234i	0.0709-0.7560i	0.3243+0.7250i	-0.0203+0.2789i
73.5	-0.5774+0.0617i	0.7923+1.1124i	-0.1128-8.6285i	0.0961+0.1256i	0.1062-0.6208i	-0.0445-0.6612i	0.4062+0.7049i	0.0130+0.2784i
73.6	-0.5694+0.0545i	0.7883+0.9879i	-0.2667-12.0672i	0.0291+0.0595i	0.0901-0.5527i	0.0542-0.5265i	0.3893+0.6100i	0.0052+0.2596i
73.7	-0.5729+0.0514i	0.7727+0.9612i	-2.8842-12.8737i	-0.0645+0.0696i	0.0837-0.5648i	0.1860-0.5598i	0.3373+0.6400i	0.0020+0.2640i
73.8	-0.5734+0.0990i	0.7654+1.0614i	0.7324-8.5616i	0.0248+0.1708i	0.0786-0.6351i	0.1229-0.6814i	0.3665+0.7328i	-0.0058+0.2939i
73.9	-0.5822+0.0905i	0.7210+1.0008i	1.7347-9.1149i	0.0026+0.1332i	0.0991-0.6096i	0.1517-0.5621i	0.3590+0.6797i	-0.0091+0.2987i
74.0	-0.5251+0.0667i	0.6959+1.0009i	2.7053-7.2837i	0.0308+0.1640i	0.0676-0.5815i	0.1207-0.5451i	0.3464+0.6872i	-0.0111+0.3058i
74.1	-0.4382+0.0646i	0.7222+0.9447i	6.3994-6.6539i	0.1080+0.1784i	-0.0019-0.5347i	0.0321-0.4728i	0.3926+0.6558i	0.0067+0.3063i
74.2	-0.4583+0.0800i	0.7296+0.9075i	7.6516-10.0447i	0.1214+0.1091i	0.0175-0.5691i	0.0681-0.3856i	0.3688+0.6233i	0.0004+0.3327i
74.3	-0.4232+0.0711i	0.7276+0.8906i	7.0988-10.8385i	0.1230+0.1027i	0.0191-0.5767i	0.0912-0.3528i	0.3207+0.6298i	-0.0112+0.3582i
74.4	-0.4575+0.0755i	0.7360+0.9138i	9.0116-11.4199i	0.1250+0.0421i	0.0300-0.6649i	0.0751-0.2661i	0.3121+0.6798i	-0.0284+0.4242i
74.5	-0.3986+0.0504i	0.5957+1.0012i	4.3030-8.6459i	-0.0382+0.1258i	0.0581-0.6943i	0.3060-0.3778i	0.1502+0.7701i	-0.0546+0.4340i
74.6	-0.3147+0.0505i	0.5551+0.9934i	3.0460-9.6098i	-0.0699+0.1585i	0.0036-0.6410i	0.3921-0.3860i	0.0858+0.7569i	-0.0333+0.4188i
74.7	-0.3573+0.0224i	0.5882+0.9990i	8.7975-9.6306i	0.0869+0.1021i	0.0389-0.6295i	0.2215-0.2737i	0.1414+0.7844i	-0.0532+0.4476i
74.8	-0.3300-0.0044i	0.5800+1.0092i	8.7813-11.0723i	0.0954+0.0627i	0.0488-0.6498i	0.2420-0.1730i	0.0769+0.8101i	-0.0691+0.4714i
74.9	-0.3021-0.0540i	0.6072+0.9577i	9.4785-12.4711i	0.0962+0.0177i	0.0092-0.6339i	0.2722-0.0623i	0.0836+0.8410i	-0.0691+0.5006i

75.0	-0.3246-0.1025i	0.5593+0.9757i	9.0044-14.8762i	0.0411-0.0520i	0.0423-0.6284i	0.4362-0.0052i	0.0097+0.9008i	-0.0801+0.5403i
75.1	-0.3307-0.1049i	0.5521+0.9898i	9.2491-15.4090i	0.0393-0.0337i	0.0179-0.6352i	0.4667-0.0195i	0.0147+0.9528i	-0.0729+0.5718i
75.2	-0.3496-0.0725i	0.5979+0.9771i	9.7768-17.3350i	0.0268-0.1050i	-0.0213-0.6772i	0.4758+0.0646i	0.0505+0.9844i	-0.0442+0.6158i
75.3	-0.3308-0.1078i	0.6419+1.0616i	9.5501-16.1368i	0.0241-0.0375i	-0.0551-0.6998i	0.4861-0.0856i	0.1121+1.1168i	-0.0014+0.6659i
75.4	-0.3518-0.1452i	0.6980+1.1357i	8.9462-12.9254i	0.0442+0.0759i	-0.0731-0.7072i	0.3795-0.2050i	0.1818+1.2461i	0.0310+0.6997i
75.5	-0.3940-0.1369i	0.7174+1.1738i	10.0647-13.2426i	0.0507+0.0348i	-0.0788-0.7614i	0.4196-0.1923i	0.2394+1.3630i	0.0410+0.7636i
75.6	-0.4150-0.1486i	0.7517+1.1934i	10.4319-15.0440i	0.0059-0.0210i	-0.1151-0.7809i	0.4733-0.0939i	0.2341+1.4313i	0.0660+0.8029i
75.7	-0.4146-0.1755i	0.7812+1.1696i	10.3514-16.8714i	-0.0160-0.0673i	-0.1129-0.7842i	0.5409-0.0890i	0.2402+1.4607i	0.0758+0.8354i
75.8	-0.4169-0.2026i	0.8273+1.1069i	9.3394-18.6870i	-0.0189-0.1094i	-0.1242-0.7484i	0.5605-0.0927i	0.2831+1.4833i	0.1074+0.8488i
75.9	-0.4687-0.1887i	0.8791+1.0879i	8.1506-18.0606i	-0.0361-0.0670i	-0.1655-0.7764i	0.5688-0.1658i	0.4157+1.5915i	0.1620+0.8880i
76.0	-0.4734-0.1286i	0.8879+1.0790i	8.2049-18.3075i	-0.0863-0.0326i	-0.2364-0.8040i	0.6320-0.2053i	0.5661+1.6479i	0.2471+0.9281i
76.1	-0.4643-0.1666i	0.9009+1.1338i	6.4364-18.3673i	-0.1321+0.0217i	-0.2722-0.8335i	0.5890-0.3249i	0.6040+1.7846i	0.2899+0.9620i
76.2	-0.4621-0.1886i	0.9737+1.0751i	6.9963-17.6204i	-0.0400-0.0007i	-0.3074-0.7818i	0.3873-0.2597i	0.7391+1.7185i	0.3354+0.9310i
76.3	-0.5940-0.1734i	1.0338+1.0691i	4.8382-19.1698i	-0.1207-0.0151i	-0.3431-0.8038i	0.4000-0.2189i	0.9111+1.7460i	0.4219+0.9598i
76.4	-0.5771-0.1568i	1.1116+1.0331i	4.4984-20.6419i	-0.1464-0.0313i	-0.3901-0.8217i	0.3826-0.2076i	1.0156+1.7522i	0.4685+0.9821i
76.5	-0.5505-0.0935i	1.0945+0.9814i	6.0587-21.6258i	-0.1259-0.0171i	-0.3878-0.8139i	0.3793-0.0620i	1.0935+1.7810i	0.4840+1.0130i
76.6	-0.4974-0.0553i	1.0696+0.9196i	5.5498-20.3456i	-0.0783+0.0751i	-0.4290-0.7714i	0.2362-0.0971i	1.1613+1.7310i	0.5199+0.9711i
76.7	-0.4658-0.1241i	1.0492+0.8632i	3.3105-19.7614i	-0.0242+0.0644i	-0.4323-0.6972i	0.1227-0.0219i	1.2123+1.6758i	0.5617+0.9431i
76.8	-0.4560-0.1557i	1.0862+0.7917i	2.9830-22.0604i	-0.0096-0.0084i	-0.4796-0.6479i	0.1271+0.3003i	1.2820+1.6647i	0.6103+0.9670i
76.9	-0.4303-0.1303i	1.0924+0.7459i	1.5828-23.0383i	-0.0235+0.0073i	-0.5125-0.6284i	0.1534+0.3315i	1.3899+1.6340i	0.6588+0.9643i
77.0	-0.3879-0.0675i	1.0519+0.7034i	1.8544-20.4002i	0.0811+0.0719i	-0.4871-0.6011i	0.0076+0.3159i	1.5033+1.5424i	0.6776+0.9357i
77.1	-0.3983-0.0581i	1.0645+0.6883i	1.2929-20.9702i	0.0350+0.0261i	-0.4908-0.6334i	0.1673+0.4065i	1.5788+1.5122i	0.7296+0.9660i
77.2	-0.3740-0.0586i	1.0956+0.6217i	1.9506-20.8177i	0.0984-0.0825i	-0.5620-0.6130i	0.2406+0.8657i	1.6731+1.4320i	0.8026+0.9491i
77.3	-0.3688-0.0965i	1.0995+0.6259i	0.3119-19.4656i	0.1669-0.1034i	-0.6053-0.6545i	0.0388+1.2073i	1.7772+1.4894i	0.8629+1.0133i
77.4	-0.3748-0.0979i	1.0750+0.6221i	-0.4018-18.8867i	0.1347-0.1153i	-0.5770-0.6489i	0.2420+1.4635i	1.8211+1.4637i	0.9030+1.0296i
77.5	-0.3795-0.1306i	1.0385+0.5624i	-0.1554-19.1879i	0.1086-0.1749i	-0.5815-0.6079i	0.5668+1.6594i	1.8581+1.3989i	0.9713+1.0119i
77.6	-0.3133-0.2544i	0.9756+0.5212i	0.2621-18.4354i	0.1677-0.2340i	-0.5978-0.5451i	0.7936+1.5673i	1.9055+1.3252i	1.0092+0.9527i
77.7	-0.3213-0.3740i	0.9370+0.5629i	0.4037-18.4610i	0.1669-0.3157i	-0.5428-0.5421i	1.0361+1.5046i	1.8943+1.2957i	1.0126+0.9592i
77.8	-0.4749-0.3624i	0.9449+0.5672i	-0.6500-18.4549i	0.1219-0.3815i	-0.5879-0.5942i	1.1104+1.7220i	1.9987+1.2835i	1.1125+0.9854i
77.9	-0.5579-0.3193i	0.9578+0.5838i	-0.9531-16.8372i	0.0858-0.3846i	-0.6455-0.6124i	1.3421+1.9082i	2.1676+1.2547i	1.2178+0.9585i
78.0	-0.6413-0.4423i	1.0145+0.5595i	-2.0668-16.9564i	0.0845-0.4893i	-0.6475-0.5379i	1.2913+1.9703i	2.2868+1.1074i	1.2669+0.8707i
78.1	-0.6777-0.4665i	1.0189+0.5841i	-2.5365-17.2114i	0.0254-0.5498i	-0.6943-0.5653i	1.5069+1.9506i	2.3573+1.0925i	1.3572+0.8857i
78.2	-0.6027-0.4455i	0.9685+0.5514i	-2.0994-16.2495i	0.0316-0.5976i	-0.7122-0.5246i	1.7667+1.8292i	2.3451+0.9674i	1.3875+0.8209i
78.3	-0.6502-0.4987i	0.9340+0.5246i	-0.6532-14.5063i	0.0676-0.6809i	-0.6453-0.4707i	1.8264+1.7848i	2.3166+0.8125i	1.3540+0.7509i
78.4	-0.8147-0.4855i	0.9369+0.5011i	-2.0887-15.1975i	-0.0907-0.7275i	-0.6521-0.4378i	2.0321+1.9595i	2.3860+0.7402i	1.4297+0.7087i
78.5	-0.9303-0.5237i	0.9599+0.4361i	-2.1346-16.4318i	-0.1924-0.8030i	-0.6712-0.4250i	2.0657+1.8785i	2.4788+0.6496i	1.4963+0.6815i
78.6	-1.0870-0.4058i	0.9628+0.4039i	-1.8299-17.2124i	-0.3379-0.8371i	-0.6815-0.4756i	2.3000+1.7149i	2.5220+0.5461i	1.5582+0.6580i
78.7	-1.1393-0.3669i	0.9477+0.4554i	-0.8930-15.7560i	-0.4263-0.9063i	-0.6821-0.5055i	2.7408+1.7597i	2.5329+0.4907i	1.6027+0.6317i
78.8	-1.1972-0.3005i	0.9284+0.4239i	-1.0814-14.6147i	-0.5337-0.8611i	-0.7072-0.4749i	2.8677+1.5989i	2.4795+0.3299i	1.6399+0.5256i
78.9	-1.1907-0.2129i	0.9383+0.4277i	-0.7914-14.5658i	-0.5862-0.7603i	-0.7318-0.4472i	2.9571+1.3846i	2.4113+0.2451i	1.6245+0.4211i
79.0	-1.1435-0.2144i	0.9574+0.4822i	-0.2621-16.3376i	-0.5539-0.7561i	-0.7848-0.4073i	2.7930+1.2549i	2.4170+0.3227i	1.6120+0.4131i
79.1	-1.1338-0.2186i	0.9519+0.4044i	-0.1238-17.3399i	-0.6268-0.8602i	-0.8028-0.3536i	2.6757+1.3667i	2.4246+0.2202i	1.6201+0.4066i
79.2	-1.1523-0.1600i	0.9623+0.3688i	-0.4283-15.8558i	-0.7021-0.8724i	-0.8104-0.3481i	2.9949+1.2196i	2.4571+0.1013i	1.6636+0.3659i
79.3	-1.2485-0.1073i	0.9574+0.3642i	-1.0402-15.3539i	-0.8341-0.8784i	-0.8105-0.3520i	3.1630+1.3143i	2.4753+0.0698i	1.7175+0.3447i
79.4	-1.3538-0.0072i	0.9552+0.3599i	-0.4458-15.5112i	-1.0139-0.8832i	-0.8603-0.3871i	3.4638+1.5271i	2.4715+0.0590i	1.8000+0.3309i
79.5	-1.3703+0.0175i	0.9545+0.3099i	0.3908-15.5331i	-1.1409-0.8072i	-0.8394-0.2822i	3.7351+1.1083i	2.4533-0.0927i	1.8111+0.2034i
79.6	-1.3811+0.1036i	0.8700+0.3188i	-0.1379-16.0486i	-1.2583-0.6959i	-0.8070-0.2448i	4.0342+0.8531i	2.4242-0.1673i	1.8104+0.1046i
79.7	-1.3300+0.1733i	0.8005+0.3665i	-0.1278-15.6102i	-1.3032-0.6075i	-0.8296-0.2473i	4.1512+0.8474i	2.3494-0.1592i	1.8073+0.0548i
79.8	-1.3846+0.2447i	0.8326+0.3815i	-0.4802-15.5923i	-1.3742-0.5303i	-0.8386-0.2487i	4.3021+0.7049i	2.3961-0.1987i	1.8342+0.0110i
79.9	-1.4227+0.3804i	0.8400+0.3939i	-0.3439-15.7256i	-1.4443-0.4427i	-0.8456-0.2585i	4.3745+0.5736i	2.3842-0.2990i	1.8549-0.0581i
80.0	-1.3221+0.4938i	0.8289+0.4217i	-0.2509-14.4715i	-1.4305-0.3182i	-0.8564-0.2373i	4.4952+0.3928i	2.3301-0.3291i	1.8218-0.1197i

2.1.22 Run 2 – IP270-200 – Accels 25–32

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	17.1577+0.0000i	17.3054+0.0000i	17.2957+0.0000i	14.9413+0.0000i	1.2618+0.0000i	17.7244+0.0000i	13.1111+0.0000i	-14.0515+0.0000i
0.1	15.1614+0.6478i	15.8177-0.0058i	15.9088+0.1037i	13.6331-0.1106i	1.6575-0.1396i	16.4099+0.7866i	11.7115+1.0461i	-12.9594+0.8612i
0.2	0.6654+2.6591i	-0.0866-0.2294i	-0.3374-0.3466i	-0.3617+0.1226i	1.3606+0.5440i	1.8271+1.5363i	-2.0273+2.1479i	-0.3664+1.5867i
0.3	-0.2438+0.8410i	-0.0228+0.0050i	-0.1717-0.1998i	-0.0347+0.2210i	-0.4770+0.4110i	-0.1887+0.0059i	-0.6021+0.8223i	-0.5946+0.6604i
0.4	0.2914+0.1783i	-0.0196-0.0441i	-0.1188+0.0174i	0.1869+0.1289i	-0.7167-0.1984i	-2.1846-0.3923i	0.4047-0.7887i	-0.0195+0.0453i
0.5	-0.0047+0.5413i	-0.0130+0.1458i	-0.1318+0.0995i	-0.2062+0.1368i	-0.2374+0.4590i	-0.2048+0.4999i	0.0963+0.1297i	0.1305-0.0290i
0.6	-0.1046+0.0503i	-0.0151+0.0214i	-0.0256+0.0682i	0.0088-0.0042i	0.1535+0.0547i	0.0743+0.0327i	0.1209+0.0013i	-0.0090-0.0940i
0.7	-0.0058+0.0434i	-0.0001+0.0031i	0.0199+0.0380i	0.0543-0.0151i	0.1081+0.0326i	0.0557-0.0099i	0.0429-0.0266i	-0.0438-0.0344i
0.8	-0.0004+0.0131i	0.0055+0.0015i	0.0201+0.0008i	0.0043-0.0256i	0.0487+0.0154i	0.0626+0.0126i	0.0067-0.0113i	-0.0763-0.0147i
0.9	-0.0015-0.0038i	0.0089+0.0023i	0.0438+0.0204i	-0.0034-0.0160i	0.0603+0.0021i	0.0833+0.0004i	0.0208+0.0008i	-0.0869+0.0016i
1.0	-0.0110+0.0021i	0.0129+0.0007i	0.1008+0.0860i	0.0099+0.0080i	0.0384-0.0237i	0.0809-0.0247i	0.0110-0.0050i	-0.0925+0.0281i
1.1	-0.0140+0.0040i	0.0200-0.0052i	0.1623+0.1002i	-0.0001+0.0032i	0.0386-0.0229i	0.1084-0.0349i	0.0184-0.0153i	-0.1336+0.0342i
1.2	-0.0094-0.0001i	0.0167-0.0116i	0.1499+0.1231i	0.0043-0.0016i	0.0596-0.0348i	0.1563-0.0442i	0.0307-0.0147i	-0.1811+0.0440i
1.3	-0.0118+0.0005i	0.0056+0.0012i	0.3591+0.4401i	0.0207+0.0074i	0.0532-0.0575i	0.1736-0.0840i	0.0312-0.0322i	-0.2073+0.0830i
1.4	-0.0160+0.0007i	0.0390+0.0101i	1.7889+0.1904i	0.0378-0.0060i	0.0275-0.0461i	0.1759-0.0921i	0.0061-0.0321i	-0.2264+0.0929i
1.5	-0.0232+0.0031i	0.0666-0.0221i	2.3680-1.4222i	0.0368-0.0446i	0.0706-0.0295i	0.2890-0.1162i	0.0297-0.0150i	-0.3590+0.1356i
1.6	-0.0258+0.0076i	0.0528-0.0402i	1.4609-2.1422i	0.0171-0.0507i	0.1133-0.0640i	0.3601-0.2160i	0.0606-0.0324i	-0.4293+0.2520i
1.7	-0.0240+0.0224i	0.0244-0.0482i	-0.2617-2.2872i	-0.0193-0.0311i	0.0682-0.1982i	0.2270-0.5570i	0.0356-0.1194i	-0.2743+0.6334i
1.8	-0.0107+0.0294i	0.0130-0.0347i	-1.4130-1.5266i	-0.0401-0.0094i	-0.1049-0.2307i	-0.2137-0.6472i	-0.0697-0.1477i	0.2178+0.7361i
1.9	0.0057+0.0253i	0.0284-0.0168i	-1.5390-0.6120i	-0.0381+0.0016i	-0.2197-0.1363i	-0.5345-0.4257i	-0.1443-0.1014i	0.5828+0.4915i
2.0	0.0055+0.0210i	0.0602-0.0157i	-1.2909-0.2558i	-0.0344+0.0027i	-0.2156-0.0751i	-0.5421-0.2807i	-0.1624-0.0677i	0.5925+0.3289i
2.1	0.0003+0.0165i	0.1332-0.0362i	-1.0212-0.0966i	-0.0352+0.0065i	-0.1799-0.0334i	-0.4892-0.1588i	-0.1724-0.0255i	0.5348+0.1920i
2.2	-0.0059+0.0213i	0.2431-0.2255i	-0.8542-0.0250i	-0.0395+0.0201i	-0.1497-0.0363i	-0.4629-0.0813i	-0.1840+0.0317i	0.5071+0.1020i
2.3	0.0022+0.0316i	0.0402-0.4688i	-0.7671+0.0052i	-0.0208+0.0364i	-0.1742-0.0569i	-0.4448-0.0429i	-0.1436+0.0868i	0.4834+0.0574i
2.4	0.0175+0.0219i	-0.3279-0.2541i	-0.6892+0.0448i	0.0097+0.0221i	-0.2181-0.0031i	-0.4109-0.0068i	-0.0713+0.0674i	0.4427+0.0228i
2.5	0.0112+0.0114i	-0.2156-0.0356i	-0.6256+0.0674i	0.0028+0.0063i	-0.1910+0.0444i	-0.3853+0.0183i	-0.0831+0.0421i	0.4167-0.0012i
2.6	0.0057+0.0090i	-0.1412-0.0080i	-0.5743+0.0802i	-0.0034+0.0050i	-0.1747+0.0610i	-0.3730+0.0452i	-0.0924+0.0472i	0.4025-0.0306i
2.7	0.0032+0.0087i	-0.1126-0.0019i	-0.5232+0.0897i	-0.0040+0.0020i	-0.1583+0.0729i	-0.3524+0.0679i	-0.0878+0.0556i	0.3812-0.0554i
2.8	0.0035+0.0066i	-0.0935-0.0006i	-0.4718+0.0631i	-0.0110+0.0004i	-0.1391+0.0602i	-0.3302+0.0592i	-0.0784+0.0451i	0.3583-0.0491i
2.9	0.0015+0.0071i	-0.0794-0.0006i	-0.4365+0.0583i	-0.0140+0.0066i	-0.1269+0.0651i	-0.3062+0.0727i	-0.0717+0.0511i	0.3365-0.0641i
3.0	0.0002+0.0069i	-0.0731+0.0021i	-0.4027+0.0996i	0.0002+0.0120i	-0.1110+0.1033i	-0.2802+0.1323i	-0.0592+0.0814i	0.3111-0.1204i
3.1	-0.0019+0.0078i	-0.0655+0.0014i	-0.3769+0.0977i	0.0055+0.0137i	-0.0967+0.1093i	-0.2549+0.1417i	-0.0483+0.0861i	0.2856-0.1318i
3.2	-0.0062+0.0093i	-0.0631+0.0021i	-0.3785+0.0888i	0.0000+0.0064i	-0.1084+0.1141i	-0.2682+0.1487i	-0.0607+0.0899i	0.2975-0.1403i
3.3	-0.0057+0.0133i	-0.0635+0.0078i	-0.3694+0.1331i	-0.0006-0.0045i	-0.1005+0.1729i	-0.2693+0.2241i	-0.0597+0.1364i	0.2970-0.2162i
3.4	-0.0006+0.0122i	-0.0525+0.0103i	-0.2925+0.1655i	-0.0137+0.0021i	-0.0169+0.2184i	-0.1671+0.3019i	0.0025+0.1791i	0.1956-0.2933i
3.5	-0.0021+0.0072i	-0.0475+0.0050i	-0.2648+0.1097i	-0.0094+0.0173i	0.0103+0.1656i	-0.1197+0.2330i	0.0312+0.1365i	0.1484-0.2272i
3.6	-0.0030+0.0084i	-0.0482+0.0075i	-0.2449+0.1046i	0.0071+0.0145i	0.0459+0.1663i	-0.0779+0.2368i	0.0569+0.1374i	0.1044-0.2325i
3.7	-0.0060+0.0060i	-0.0462+0.0069i	-0.2546+0.0826i	0.0008+0.0124i	0.0352+0.1438i	-0.0892+0.2111i	0.0493+0.1157i	0.1157-0.2058i
3.8	-0.0076+0.0030i	-0.0450+0.0048i	-0.2267+0.0422i	-0.0073+0.0020i	0.0718+0.0843i	-0.0331+0.1400i	0.0830+0.0691i	0.0599-0.1374i
3.9	-0.0127+0.0040i	-0.0489+0.0008i	-0.2547+0.0326i	-0.0028+0.0052i	0.0252+0.0803i	-0.0962+0.1360i	0.0428+0.0618i	0.1251-0.1333i
4.0	-0.0107+0.0053i	-0.0426+0.0032i	-0.2429+0.0338i	-0.0019-0.0021i	0.0582+0.0857i	-0.0540+0.1508i	0.0613+0.0684i	0.0811-0.1468i
4.1	-0.0114+0.0028i	-0.0419+0.0035i	-0.2294+0.0180i	-0.0031-0.0039i	0.0944+0.0553i	-0.0066+0.1072i	0.0900+0.0531i	0.0298-0.1056i
4.2	-0.0097+0.0051i	-0.0419+0.0065i	-0.1995+0.0288i	-0.0087+0.0042i	0.1504+0.0891i	0.0504+0.1470i	0.1311+0.0882i	-0.0255-0.1484i
4.3	-0.0156+0.0031i	-0.0420+0.0025i	-0.2337+0.0184i	-0.0086+0.0054i	0.0729+0.0726i	-0.0463+0.1211i	0.0745+0.0675i	0.0701-0.1227i
4.4	-0.0236+0.0016i	-0.0432+0.0026i	-0.2551+0.0186i	-0.0052+0.0064i	0.0253+0.0687i	-0.0938+0.1292i	0.0456+0.0645i	0.1185-0.1323i
4.5	-0.0246+0.0010i	-0.0407+0.0051i	-0.2532+0.0066i	-0.0041-0.0034i	0.0298+0.0456i	-0.0840+0.1023i	0.0582+0.0528i	0.1074-0.1055i
4.6	-0.0227+0.0003i	-0.0413+0.0022i	-0.2461-0.0046i	-0.0052+0.0006i	0.0439+0.0198i	-0.0828+0.0645i	0.0623+0.0350i	0.1080-0.0677i
4.7	-0.0266-0.0016i	-0.0415+0.0002i	-0.2505-0.0119i	-0.0042+0.0049i	0.0403+0.0084i	-0.0983+0.0509i	0.0567+0.0138i	0.1278-0.0537i
4.8	-0.0315+0.0031i	-0.0404-0.0010i	-0.2580+0.0078i	-0.0106+0.0029i	0.0273+0.0520i	-0.1235+0.0991i	0.0412+0.0456i	0.1514-0.1017i
4.9	-0.0376+0.0047i	-0.0428+0.0021i	-0.2576+0.0164i	-0.0139-0.0071i	0.0120+0.0700i	-0.1469+0.1139i	0.0323+0.0676i	0.1754-0.1122i
5.0	-0.0409+0.0022i	-0.0413+0.0024i	-0.2570+0.0064i	-0.0099-0.0060i	0.0151+0.0639i	-0.1633+0.1145i	0.0456+0.0550i	0.1883-0.1169i
5.1	-0.0387+0.0027i	-0.0399+0.0018i	-0.2513-0.0060i	-0.0056-0.0041i	0.0380+0.0521i	-0.1583+0.1340i	0.0684+0.0469i	0.1803-0.1382i
5.2	-0.0403+0.0023i	-0.0384-0.0025i	-0.2421-0.0172i	-0.0199-0.0053i	0.0556+0.0386i	-0.1358+0.1581i	0.0887+0.0298i	0.1614-0.1634i
5.3	-0.0458-0.0008i	-0.0403-0.0010i	-0.2604-0.0283i	-0.0106-0.0022i	0.0003+0.0093i	-0.1709+0.1391i	0.0561+0.0102i	0.1956-0.1426i
5.4	-0.0465-0.0032i	-0.0377+0.0066i	-0.2671-0.0319i	-0.0050-0.0041i	-0.0132-0.0138i	-0.1780+0.1923i	0.0651+0.0324i	0.1978-0.1993i
5.5	-0.0514+0.0012i	-0.0338+0.0059i	-0.2562-0.0322i	-0.0001-0.0092i	0.0123+0.0198i	-0.1500+0.2986i	0.1157+0.0352i	0.1636-0.3072i
5.6	-0.0566+0.0044i	-0.0299-0.0022i	-0.2539-0.0430i	-0.0061-0.0079i	0.0043+0.0286i	-0.1085+0.2835i	0.1231-0.0347i	0.1259-0.2860i

5.7	-0.0575+0.0044i	-0.0357-0.0082i	-0.2624-0.0495i	-0.0204-0.0157i	0.0287+0.0336i	-0.0152+0.3248i	0.0951-0.0741i	0.0364-0.3271i
5.8	-0.0598+0.0025i	-0.0485-0.0022i	-0.2828-0.0475i	-0.0020-0.0227i	0.0203+0.0024i	-0.0296+0.2794i	0.0244-0.0520i	0.0543-0.2854i
5.9	-0.0586+0.0042i	-0.0524-0.0037i	-0.2915-0.0603i	-0.0067-0.0209i	0.0639-0.0039i	0.0973+0.3458i	0.0127-0.0694i	-0.0674-0.3558i
6.0	-0.0665+0.0059i	-0.0427-0.0015i	-0.2961-0.0443i	-0.0160-0.0179i	0.0113+0.0343i	0.0645+0.3893i	0.0619-0.0186i	-0.0404-0.4010i
6.1	-0.0697+0.0046i	-0.0452-0.0068i	-0.2938-0.0403i	-0.0274-0.0060i	0.0109+0.0758i	0.0923+0.3567i	0.0722-0.0373i	-0.0725-0.3608i
6.2	-0.0714+0.0056i	-0.0475-0.0091i	-0.2956-0.0432i	-0.0301-0.0026i	0.0343+0.0622i	0.1596+0.3159i	0.0616-0.0552i	-0.1391-0.3188i
6.3	-0.0751+0.0045i	-0.0505-0.0063i	-0.3055-0.0265i	-0.0201-0.0095i	-0.0044+0.0464i	0.0986+0.2290i	0.0278-0.0309i	-0.0747-0.2272i
6.4	-0.0832+0.0083i	-0.0510-0.0044i	-0.3131-0.0152i	-0.0155+0.0005i	-0.0388+0.0681i	-0.0158+0.1869i	0.0006-0.0053i	0.0393-0.1840i
6.5	-0.0849+0.0105i	-0.0543-0.0079i	-0.3064-0.0246i	-0.0225+0.0096i	0.0254+0.0774i	0.0851+0.2206i	0.0046-0.0335i	-0.0561-0.2194i
6.6	-0.0783+0.0008i	-0.0611-0.0054i	-0.3116-0.0335i	-0.0246-0.0051i	0.0373+0.0007i	0.1509+0.0938i	-0.0051-0.0433i	-0.1219-0.0941i
6.7	-0.0751-0.0036i	-0.0684-0.0016i	-0.3237-0.0272i	-0.0342-0.0210i	-0.0053-0.0470i	0.0769-0.0197i	-0.0370-0.0327i	-0.0522+0.0202i
6.8	-0.0678-0.0025i	-0.0750+0.0004i	-0.3231-0.0252i	-0.0402-0.0161i	0.0231+0.0047i	0.1161+0.0805i	-0.0178-0.0214i	-0.0857-0.0767i
6.9	-0.0774-0.0089i	-0.0800+0.0073i	-0.3161-0.0253i	-0.0361-0.0053i	0.0253+0.0661i	0.1069+0.1793i	0.0092-0.0089i	-0.0780-0.1767i
7.0	-0.0779-0.0251i	-0.0917+0.0157i	-0.3199-0.0192i	-0.0263+0.0033i	-0.0159+0.0556i	-0.0067+0.1398i	-0.0167+0.0019i	0.0316-0.1427i
7.1	-0.0905-0.0591i	-0.0879+0.0397i	-0.3171-0.0181i	-0.0454+0.0201i	-0.0042+0.0303i	-0.0016+0.1125i	-0.0264+0.0142i	0.0336-0.1228i
7.2	-0.1556-0.1004i	-0.0509+0.0689i	-0.3146-0.0233i	-0.0592+0.0182i	0.0240-0.0038i	0.0742+0.0991i	-0.0062+0.0399i	-0.0460-0.1164i
7.3	-0.2108-0.0755i	-0.0206+0.0583i	-0.3199-0.0173i	-0.0322+0.0276i	0.0029+0.0397i	0.1011+0.1790i	0.0358+0.0457i	-0.0786-0.1917i
7.4	-0.2197-0.0333i	-0.0173+0.0312i	-0.3267-0.0208i	-0.0358+0.0208i	-0.0257-0.0037i	0.0675+0.0703i	0.0330+0.0293i	-0.0483-0.0796i
7.5	-0.2091-0.0151i	-0.0283+0.0181i	-0.3249-0.0251i	-0.0322+0.0208i	0.0380+0.0177i	0.1575+0.1153i	0.0129+0.0067i	-0.1331-0.1256i
7.6	-0.2120-0.0003i	-0.0324+0.0096i	-0.3278-0.0202i	-0.0341+0.0119i	0.0243+0.0450i	0.1070+0.1244i	0.0035-0.0034i	-0.0782-0.1324i
7.7	-0.2110-0.0026i	-0.0391+0.0067i	-0.3266-0.0226i	-0.0531+0.0044i	0.0823+0.0324i	0.1834+0.1023i	-0.0130+0.0021i	-0.1475-0.1137i
7.8	-0.2377+0.0064i	-0.0437+0.0036i	-0.3315-0.0286i	-0.0626+0.0203i	0.0295-0.0030i	0.1380+0.0518i	0.0091+0.0160i	-0.1138-0.0686i
7.9	-0.2487+0.0250i	-0.0472+0.0044i	-0.3333-0.0344i	-0.0683+0.0432i	-0.0113+0.0382i	0.0948+0.0795i	0.0369-0.0136i	-0.0664-0.0892i
8.0	-0.2523+0.0381i	-0.0528+0.0045i	-0.3394-0.0285i	-0.0594+0.0595i	0.0005+0.0578i	0.0827+0.0841i	0.0264-0.0279i	-0.0499-0.0873i
8.1	-0.2464+0.0475i	-0.0587+0.0059i	-0.3385-0.0170i	-0.0486+0.0485i	0.0600+0.0936i	0.1126+0.1601i	-0.0306-0.0276i	-0.0781-0.1650i
8.2	-0.2509+0.0529i	-0.0587+0.0075i	-0.3355-0.0229i	-0.0528+0.0403i	0.0710+0.0680i	0.1345+0.1303i	-0.0389-0.0139i	-0.0961-0.1314i
8.3	-0.2635+0.0717i	-0.0601+0.0112i	-0.3391-0.0319i	-0.0802+0.0693i	0.0648+0.0833i	0.1402+0.1294i	-0.0365-0.0315i	-0.1047-0.1255i
8.4	-0.2845+0.0779i	-0.0645+0.0088i	-0.3402-0.0281i	-0.0883+0.0743i	0.0689+0.0768i	0.1154+0.0929i	-0.0410-0.0395i	-0.0767-0.0816i
8.5	-0.3086+0.0824i	-0.0691+0.0065i	-0.3400-0.0328i	-0.0981+0.0796i	0.0629+0.0412i	0.1012+0.0521i	-0.0358-0.0309i	-0.0595-0.0431i
8.6	-0.3420+0.0925i	-0.0755+0.0101i	-0.3381-0.0366i	-0.1158+0.0896i	0.0372+0.0326i	0.1382+0.0403i	-0.0049-0.0166i	-0.1040-0.0458i
8.7	-0.3707+0.0957i	-0.0786+0.0135i	-0.3366-0.0398i	-0.1525+0.0882i	0.0254-0.0021i	0.1852+0.0801i	0.0041+0.0382i	-0.1505-0.0926i
8.8	-0.3709+0.1383i	-0.0812+0.0250i	-0.3322-0.0441i	-0.1492+0.1172i	0.0544-0.0079i	0.1186+0.0795i	-0.0324+0.0230i	-0.0774-0.0845i
8.9	-0.3789+0.1860i	-0.0910+0.0344i	-0.3419-0.0535i	-0.1478+0.1760i	0.0591-0.0207i	0.0982+0.1209i	-0.0615+0.0220i	-0.0548-0.1268i
9.0	-0.3893+0.2480i	-0.0993+0.0446i	-0.3513-0.0603i	-0.1417+0.2154i	0.0623-0.0182i	0.1022+0.0456i	-0.0431+0.0202i	-0.0654-0.0567i
9.1	-0.3741+0.2857i	-0.0914+0.0570i	-0.3468-0.0689i	-0.1235+0.2673i	0.0570-0.0088i	0.1326+0.0373i	-0.0372+0.0370i	-0.0915-0.0431i
9.2	-0.3795+0.3215i	-0.0901+0.0703i	-0.3402-0.0803i	-0.1184+0.2913i	0.0451-0.0272i	0.1170+0.0306i	-0.0347+0.0416i	-0.0658-0.0308i
9.3	-0.3324+0.4218i	-0.0815+0.1034i	-0.3523-0.0855i	-0.0568+0.3831i	0.0439-0.0472i	0.1006-0.0213i	-0.0303+0.0447i	-0.0581+0.0250i
9.4	-0.2048+0.4602i	-0.0439+0.1225i	-0.3525-0.0924i	0.0762+0.4036i	0.0129-0.0423i	0.1458+0.0148i	-0.0169+0.0778i	-0.0996-0.0209i
9.5	-0.0768+0.3446i	-0.0012+0.0933i	-0.3547-0.0978i	0.1980+0.2938i	-0.0070-0.0120i	0.1575+0.0006i	0.0079+0.0560i	-0.1070-0.0104i
9.6	-0.0297+0.2705i	0.0140+0.0710i	-0.3644-0.1079i	0.2584+0.2286i	-0.0227-0.0159i	0.1449-0.0026i	0.0158+0.0470i	-0.0855-0.0005i
9.7	-0.0476+0.1875i	0.0092+0.0430i	-0.3765-0.1219i	0.2774+0.1470i	-0.0117-0.0072i	0.1445-0.0264i	0.0155+0.0432i	-0.0991+0.0187i
9.8	-0.0753+0.1380i	0.0036+0.0251i	-0.3804-0.1279i	0.2654+0.0742i	-0.0371+0.0188i	0.1681+0.0101i	0.0041+0.0487i	-0.1364-0.0214i
9.9	-0.1111+0.1216i	-0.0022+0.0208i	-0.3932-0.1346i	0.2188+0.0719i	-0.0408+0.0203i	0.1305+0.0078i	0.0160+0.0572i	-0.0911-0.0015i
10.0	-0.1826+0.1239i	-0.0229+0.0175i	-0.4182-0.1686i	0.1460+0.0935i	-0.0320+0.0199i	0.1411-0.0332i	0.0317+0.0763i	-0.1165+0.0269i
10.1	-0.2509+0.1331i	-0.0362+0.0188i	-0.4234-0.1759i	0.0862+0.0753i	-0.0328-0.0189i	0.1081-0.0369i	0.0406+0.0422i	-0.0758+0.0316i
10.2	-0.2675+0.1459i	-0.0379+0.0210i	-0.4387-0.1917i	0.0732+0.0999i	-0.0466+0.0095i	0.1112-0.0202i	0.0345+0.0441i	-0.0633+0.0161i
10.3	-0.2563+0.2028i	-0.0334+0.0333i	-0.4468-0.2156i	0.0520+0.1390i	-0.0340+0.0470i	0.1377-0.0175i	0.0365+0.0501i	-0.0937+0.0204i
10.4	-0.2683+0.1983i	-0.0443+0.0340i	-0.4742-0.2261i	0.0773+0.1532i	0.0391+0.0163i	0.1193-0.0568i	0.0672+0.0305i	-0.0772+0.0601i
10.5	-0.2780+0.1597i	-0.0391+0.0291i	-0.4969-0.2408i	0.0877+0.1381i	0.0453+0.0577i	0.1549-0.0665i	0.0678+0.0459i	-0.0884+0.0645i
10.6	-0.2706+0.1457i	-0.0319+0.0244i	-0.5333-0.2625i	0.1021+0.1842i	0.0382+0.0780i	0.1689-0.0645i	0.0809+0.0731i	-0.1002+0.0464i
10.7	-0.3100+0.1506i	-0.0441+0.0313i	-0.5525-0.2866i	0.1309+0.1806i	0.0135+0.0965i	0.1785-0.0428i	0.0367+0.1050i	-0.1089+0.0423i
10.8	-0.3387+0.1504i	-0.0481+0.0337i	-0.5888-0.2977i	0.1425+0.1611i	0.0638+0.1425i	0.1966-0.0578i	0.0860+0.1308i	-0.1077+0.0461i
10.9	-0.3584+0.1576i	-0.0521+0.0292i	-0.6313-0.3192i	0.2230+0.2076i	0.1182+0.2087i	0.2170-0.0390i	0.1360+0.1733i	-0.1309+0.0274i
11.0	-0.3863+0.1749i	-0.0562+0.0248i	-0.6389-0.3552i	0.2929+0.3044i	-0.0278+0.2230i	0.1830-0.0001i	0.0255+0.2083i	-0.1029-0.0019i
11.1	-0.3865+0.1670i	-0.0454+0.0260i	-0.6805-0.3154i	0.2698+0.2703i	0.0673+0.1230i	0.1983-0.0435i	0.1178+0.1351i	-0.1274+0.0364i
11.2	-0.4197+0.1760i	-0.0501+0.0226i	-0.7026-0.3434i	0.2921+0.2313i	0.0833+0.1461i	0.2226-0.0322i	0.1391+0.1424i	-0.1339+0.0090i
11.3	-0.4565+0.1626i	-0.0655+0.0261i	-0.7448-0.3031i	0.3493+0.1822i	0.1981+0.0848i	0.2787-0.0329i	0.2207+0.0665i	-0.1846+0.0004i
11.4	-0.4912+0.1579i	-0.0667+0.0200i	-0.7594-0.3568i	0.3804+0.1789i	0.1471+0.1554i	0.2417-0.0101i	0.1927+0.1234i	-0.1373-0.0064i
11.5	-0.5419+0.1502i	-0.0587+0.0059i	-0.7644-0.4002i	0.3750+0.2101i	0.1399+0.1338i	0.2339-0.0373i	0.1888+0.0937i	-0.1378+0.0241i
11.6	-0.6066+0.1506i	-0.0680+0.0059i	-0.7676-0.4113i	0.3949+0.1994i	0.1746+0.0428i	0.2670-0.0785i	0.2149+0.0129i	-0.1592+0.0675i
11.7	-0.6776+0.1538i	-0.0866+0.0172i	-0.7894-0.4353i	0.4576+0.0939i	0.1733-0.0091i	0.2788-0.1037i	0.2226-0.0278i	-0.1653+0.1041i
11.8	-0.7426+0.1641i	-0.0974+0.0170i	-0.8200-0.4780i	0.5002+0.0686i	0.2127-0.0150i	0.3292-0.1076i	0.2692-0.0593i	-0.2176+0.1065i
11.9	-0.8408+0.2035i	-0.0963+0.0035i	-0.8628-0.6328i	0.4860+0.1162i	0.1715-0.0617i	0.3237-0.1329i	0.2094-0.1094i	-0.1925+0.1424i

12.0	-0.9544+0.2237i	-0.1151+0.0022i	-0.8717-0.7102i	0.4866+0.0409i	0.1432-0.1062i	0.3143-0.1375i	0.1942-0.1248i	-0.1283+0.1417i
12.1	-1.0818+0.3037i	-0.1380+0.0080i	-0.9317-0.8449i	0.5354-0.0002i	0.1177-0.1619i	0.3429-0.1935i	0.1808-0.1800i	-0.1212+0.1788i
12.2	-1.1893+0.3829i	-0.1742+0.0181i	-1.0308-0.9906i	0.6767-0.0010i	0.1469-0.1779i	0.4768-0.2114i	0.2153-0.2079i	-0.2756+0.1836i
12.3	-1.3386+0.4646i	-0.2070+0.0186i	-1.1270-1.2263i	0.7837+0.0170i	0.0883-0.1884i	0.5045-0.2084i	0.1919-0.2246i	-0.2920+0.1660i
12.4	-1.4975+0.5825i	-0.2359+0.0137i	-1.2841-1.5187i	0.8220+0.0205i	-0.0480-0.2336i	0.4356-0.2860i	0.0705-0.2637i	-0.1859+0.2456i
12.5	-1.6962+0.9051i	-0.3086+0.0448i	-1.7926-1.9564i	1.0337-0.0528i	-0.1253-0.2536i	0.4808-0.4123i	-0.0096-0.3154i	-0.1641+0.3417i
12.6	-1.8718+1.2388i	-0.3698+0.0690i	-2.3627-2.4778i	1.2436-0.0824i	-0.1179-0.1944i	0.6288-0.4159i	0.0429-0.3174i	-0.2612+0.2828i
12.7	-1.8982+1.6134i	-0.4377+0.1302i	-3.3100-2.6694i	1.5057-0.2717i	-0.1314-0.0950i	0.7441-0.4601i	0.0725-0.2759i	-0.3287+0.2452i
12.8	-1.8410+2.1647i	-0.5254+0.2171i	-4.9761-2.7692i	1.7707-0.5290i	-0.2190-0.0700i	0.7938-0.6339i	-0.0094-0.3353i	-0.3197+0.3619i
12.9	-1.4865+2.6752i	-0.5713+0.3766i	-6.7395-1.8802i	2.0113-1.0244i	-0.3397-0.0579i	0.6869-0.8841i	-0.2322-0.3913i	-0.2459+0.4440i
13.0	-1.0571+3.2535i	-0.6689+0.6373i	-9.0642+0.1855i	2.4233-1.9263i	-0.4736+0.0575i	0.7112-1.2023i	-0.3973-0.3268i	-0.2793+0.5560i
13.1	-0.6944+3.5595i	-0.6399+0.9012i	-9.7808+2.7890i	2.2660-2.8584i	-0.5570+0.2868i	0.6050-1.4330i	-0.4246-0.1428i	-0.2444+0.6464i
13.2	0.3895+4.1626i	-0.3413+1.4710i	-8.9993+8.2095i	1.1730-4.7975i	-0.5630+0.7506i	0.0717-2.0031i	-0.4327+0.1081i	-0.0137+1.0252i
13.3	1.4864+3.9615i	0.1888+1.6464i	-5.4368+10.7521i	-0.7117-5.3957i	-0.2671+1.0516i	-0.6249-2.1043i	-0.3997+0.1086i	0.3499+1.1754i
13.4	2.5612+2.4811i	0.9863+1.2666i	0.7750+9.5023i	-3.4324-3.7549i	0.4038+0.9221i	-1.6392-1.0966i	-0.5387+0.3032i	1.1120+0.3542i
13.5	2.6019+1.7251i	1.2006+0.9398i	2.6124+7.6990i	-3.9237-2.4764i	0.6570+0.7470i	-1.3903-0.4193i	-0.2811+0.5515i	0.7495-0.2107i
13.6	2.3507+1.0028i	1.2596+0.5642i	3.3614+5.3680i	-3.8371-1.2228i	0.7880+0.4776i	-1.0148-0.2730i	0.0296+0.4694i	0.3673-0.0511i
13.7	1.9209+0.4907i	1.2236+0.2820i	3.1055+3.6901i	-3.5252-0.4161i	0.7658+0.2447i	-0.9394-0.2160i	0.0412+0.3093i	0.4212+0.0805i
13.8	1.6918+0.2819i	1.2046+0.1470i	2.8436+2.9658i	-3.3277-0.0610i	0.7658+0.0970i	-0.8861-0.1977i	0.0660+0.2235i	0.4381+0.1207i
13.9	1.4584+0.0888i	1.2226+0.0330i	2.6348+2.4534i	-3.2346+0.1877i	0.7458-0.0132i	-0.8930-0.1529i	0.0511+0.1625i	0.5289+0.1383i
14.0	1.1108-0.0193i	1.2184-0.1138i	2.2436+1.9792i	-3.1383+0.4640i	0.7202-0.1145i	-0.8291-0.0810i	-0.0025+0.1238i	0.5310+0.0906i
14.1	0.7042-0.0502i	1.2343-0.3185i	1.8569+1.6134i	-3.1730+0.9129i	0.7148-0.2826i	-0.7363-0.0401i	-0.0849+0.1171i	0.4852+0.0313i
14.2	0.3685+0.0886i	1.2438-0.5154i	1.6551+1.4802i	-3.2773+1.4115i	0.6761-0.4137i	-0.6554-0.0050i	-0.1005+0.1925i	0.4554-0.0339i
14.3	0.0555+0.2970i	1.2810-0.7322i	1.4620+1.4329i	-3.4230+2.0020i	0.6104-0.5173i	-0.6344+0.0381i	-0.1400+0.2816i	0.4639-0.0943i
14.4	-0.1768+0.8949i	1.1599-1.1861i	1.2813+1.4542i	-3.1067+3.3178i	0.4676-0.7080i	-0.5729+0.0264i	-0.0926+0.4444i	0.3892-0.1211i
14.5	0.1103+1.5813i	0.7034-1.5743i	1.1970+1.5332i	-1.8356+4.4408i	0.2170-0.7948i	-0.5374-0.0025i	0.0847+0.5916i	0.3346-0.1012i
14.6	0.8724+1.9087i	0.0675-1.7313i	1.3587+1.5076i	0.0175+4.8161i	-0.0364-0.7616i	-0.5435+0.0267i	0.3589+0.6128i	0.2795-0.0961i
14.7	1.5679+1.6029i	-0.4281-1.4262i	1.5000+1.3156i	1.4984+3.9269i	-0.2138-0.6045i	-0.5632+0.0492i	0.5582+0.4491i	0.2462-0.0709i
14.8	1.8876+0.9086i	-0.6830-1.0391i	1.6104+1.0549i	2.2062+2.6618i	-0.2854-0.4240i	-0.5287+0.1619i	0.6561+0.2355i	0.2351-0.1380i
14.9	1.7027+0.2426i	-0.7084-0.6866i	1.5530+0.8145i	2.0541+1.4700i	-0.2591-0.2739i	-0.4373+0.2622i	0.5773+0.0341i	0.1782-0.1994i
15.0	1.4273+0.0267i	-0.6678-0.5285i	1.4538+0.6619i	1.8017+1.0037i	-0.2621-0.2391i	-0.3931+0.2329i	0.4886-0.0611i	0.1740-0.1510i
15.1	1.0892+0.0200i	-0.6054-0.3658i	1.2983+0.5704i	1.4694+0.6628i	-0.2466-0.1286i	-0.3146+0.2172i	0.4049-0.0889i	0.1428-0.1569i
15.2	0.8806+0.0885i	-0.5429-0.2466i	1.1964+0.4476i	1.2181+0.5465i	-0.2061-0.0892i	-0.2313+0.1534i	0.3760-0.0756i	0.0811-0.0804i
15.3	0.8122+0.1557i	-0.4825-0.1665i	1.1061+0.4024i	1.0715+0.4013i	-0.1644-0.0464i	-0.2393+0.1124i	0.3348-0.0859i	0.0683-0.0248i
15.4	0.7851+0.2062i	-0.4455-0.1048i	1.0120+0.3315i	1.0200+0.2738i	-0.1556+0.0211i	-0.2743+0.0928i	0.2920-0.1111i	0.1208-0.0262i
15.5	0.7751+0.2123i	-0.3932-0.0873i	0.9207+0.2892i	0.9346+0.2592i	-0.1238+0.0362i	-0.2894+0.0636i	0.2794-0.1335i	0.1708+0.0145i
15.6	0.7616+0.1968i	-0.3437-0.0544i	0.8550+0.2520i	0.8128+0.1884i	-0.0552+0.0562i	-0.2800+0.1097i	0.2632-0.1250i	0.1578-0.0528i
15.7	0.7279+0.1890i	-0.3314-0.0414i	0.8110+0.2181i	0.7734+0.1812i	-0.0441+0.0825i	-0.2633+0.1740i	0.2689-0.0892i	0.1251-0.1193i
15.8	0.7372+0.1756i	-0.2753-0.0406i	0.7348+0.2264i	0.6565+0.1530i	0.0105+0.0486i	-0.2723+0.1495i	0.2750-0.0935i	0.1494-0.0798i
15.9	0.7468+0.1570i	-0.2445-0.0340i	0.6935+0.2188i	0.5653+0.1331i	0.0585+0.0128i	-0.2958+0.1517i	0.2272-0.0938i	0.1670-0.1283i
16.0	0.6959+0.1404i	-0.2451-0.0156i	0.6162+0.1582i	0.6183+0.0941i	-0.0011+0.0081i	-0.3121+0.1679i	0.2581-0.1007i	0.1878-0.1388i
16.1	0.6840+0.1274i	-0.2061-0.0011i	0.5731+0.1091i	0.5619+0.1181i	-0.0283+0.0049i	-0.3433+0.1990i	0.2672-0.1365i	0.2358-0.1308i
16.2	0.6726+0.0930i	-0.1905-0.0256i	0.5453+0.0856i	0.5366+0.1914i	0.0051-0.0249i	-0.2735+0.2419i	0.2848-0.1450i	0.1665-0.1829i
16.3	0.6408+0.0621i	-0.2286-0.0296i	0.4603+0.0918i	0.6372+0.1492i	0.0062-0.0206i	-0.2907+0.2740i	0.2768-0.2210i	0.1944-0.2467i
16.4	0.6163+0.0172i	-0.2203-0.0255i	0.3804+0.0861i	0.6505+0.1186i	-0.0121-0.0392i	-0.3064+0.3043i	0.2679-0.2981i	0.2278-0.2910i
16.5	0.5489+0.0035i	-0.1893-0.0167i	0.3270+0.0585i	0.6057+0.0688i	0.0094-0.0258i	-0.1438+0.3238i	0.1795-0.3174i	0.0672-0.3050i
16.6	0.5008+0.0177i	-0.1894-0.0121i	0.3015+0.0434i	0.5651+0.0180i	0.0092-0.0070i	-0.0687+0.2963i	0.0927-0.3013i	-0.0360-0.2601i
16.7	0.4553+0.0079i	-0.1940-0.0144i	0.2679+0.0228i	0.5686-0.0119i	-0.0084+0.0137i	-0.0439+0.2633i	0.0720-0.3174i	-0.0290-0.2131i
16.8	0.3875+0.0243i	-0.2020-0.0046i	0.1831+0.0787i	0.5712-0.0712i	-0.0027-0.0104i	-0.0601+0.2141i	0.0056-0.2998i	0.0099-0.1686i
16.9	0.3581+0.0073i	-0.1919-0.0072i	0.1649+0.0590i	0.5349-0.0140i	0.0016-0.0551i	-0.0429+0.1705i	-0.0008-0.2567i	-0.0226-0.1100i
17.0	0.3207+0.0382i	-0.1987-0.0067i	0.1237+0.0367i	0.5818-0.0119i	-0.0259-0.0321i	-0.0717+0.1801i	0.0398-0.2150i	0.0414-0.1351i
17.1	0.2826+0.0884i	-0.1912+0.0080i	0.0853+0.0561i	0.5340-0.0633i	-0.0657+0.0483i	-0.0607+0.2191i	-0.0052-0.1562i	0.0259-0.1951i
17.2	0.2804+0.1117i	-0.1878+0.0097i	0.0556+0.0569i	0.5252-0.0583i	-0.0063+0.1025i	0.0054+0.2083i	-0.0527-0.0785i	-0.0548-0.1863i
17.3	0.2624+0.1432i	-0.1994+0.0223i	-0.0424+0.0603i	0.6189-0.1506i	0.0013+0.0670i	0.0087+0.1290i	-0.0331-0.1296i	-0.0794-0.1214i
17.4	0.2268+0.1578i	-0.1971+0.0303i	-0.0803+0.0569i	0.6085-0.2463i	-0.0707+0.0879i	-0.0325+0.1029i	-0.0322-0.1362i	-0.0270-0.0577i
17.5	0.2023+0.1582i	-0.1961+0.0442i	-0.1373+0.0574i	0.5628-0.3110i	-0.0273+0.0641i	-0.0124+0.0742i	-0.0237-0.1804i	-0.0130-0.0118i
17.6	0.1637+0.1839i	-0.1929+0.0408i	-0.2389+0.0649i	0.5042-0.2781i	0.0323+0.0467i	0.0163+0.0341i	-0.0218-0.1531i	-0.0178-0.0072i
17.7	0.1441+0.2330i	-0.1888+0.0468i	-0.3175+0.1364i	0.4658-0.2838i	0.0407+0.0402i	-0.0146+0.0114i	0.0025-0.1117i	-0.0012-0.0051i
17.8	0.1205+0.1935i	-0.1958+0.0476i	-0.3175+0.0855i	0.4713-0.3420i	0.0474+0.0991i	0.0098+0.0361i	0.0011-0.0960i	-0.0358-0.0146i
17.9	0.1190+0.2767i	-0.2126+0.0556i	-0.4145+0.1412i	0.5133-0.3484i	0.0900+0.0606i	0.0050-0.0338i	0.0525-0.1129i	-0.0547+0.0558i
18.0	0.1103+0.3600i	-0.2116+0.0716i	-0.5398+0.2242i	0.4600-0.4029i	0.0442+0.0765i	-0.0665-0.0391i	0.0029-0.0700i	0.0191+0.0718i
18.1	0.0991+0.3395i	-0.1959+0.0646i	-0.6012+0.2012i	0.3455-0.4026i	0.1363+0.0763i	-0.0121-0.0136i	0.0294-0.0601i	-0.0198+0.0140i
18.2	0.0753+0.3386i	-0.1936+0.0651i	-0.7362+0.1700i	0.3268-0.4575i	0.1770+0.0762i	-0.0157-0.0538i	0.0482-0.0917i	0.0053+0.0360i

18.3	0.0238+0.3522i	-0.1977+0.0584i	-0.8210+0.1735i	0.2717-0.4376i	0.1586+0.0467i	-0.0348-0.0695i	0.0264-0.0553i	0.0310+0.0244i
18.4	-0.0010+0.3172i	-0.1912+0.0462i	-0.8301+0.2117i	0.1779-0.3593i	0.1178+0.0062i	-0.0665-0.0455i	-0.0085-0.0589i	0.0979-0.0053i
18.5	-0.0178+0.4209i	-0.2119+0.0572i	-0.9638+0.5218i	0.0818-0.2427i	0.1589+0.0163i	-0.1049-0.0168i	-0.0065-0.0083i	0.1012-0.0538i
18.6	-0.1957+0.5279i	-0.2776+0.0405i	-1.2740+0.5251i	0.2528-0.0664i	0.1966+0.0141i	-0.0999-0.0712i	0.0274-0.0294i	0.0954-0.0891i
18.7	-0.1774+0.6353i	-0.2919+0.0741i	-1.3185+0.5476i	0.4387-0.1661i	0.1737-0.0090i	-0.1072-0.0857i	0.0499-0.0672i	0.0858-0.0974i
18.8	-0.0712+0.6409i	-0.2576+0.1092i	-1.3358+0.6079i	0.3587-0.4292i	0.1220+0.0174i	-0.1220-0.0817i	0.0579-0.0504i	0.0924+0.0028i
18.9	-0.0196+0.6753i	-0.2552+0.1297i	-1.4433+0.7640i	0.2895-0.4944i	0.0696+0.0246i	-0.1753-0.0596i	0.0311-0.0393i	0.0949+0.0009i
19.0	0.0123+0.8524i	-0.2884+0.1730i	-1.8071+1.2318i	0.2702-0.5143i	0.0465+0.0150i	-0.2618-0.0746i	0.0528-0.0225i	0.1324+0.0277i
19.1	0.0000+0.8972i	-0.2974+0.1779i	-2.0655+1.3563i	0.2442-0.4864i	0.0543+0.0165i	-0.3075-0.0927i	0.0163-0.0071i	0.1995+0.0434i
19.2	0.0183+0.9200i	-0.3021+0.1936i	-2.2863+1.6532i	0.2207-0.5451i	0.0921+0.0772i	-0.2994-0.0788i	0.0553-0.0344i	0.2462+0.0544i
19.3	0.0727+1.0586i	-0.3188+0.2425i	-2.5667+2.4082i	0.1831-0.5814i	0.1531+0.1425i	-0.3200-0.0199i	0.0929+0.0053i	0.2057+0.0395i
19.4	0.1910+1.1431i	-0.3028+0.2830i	-2.3988+3.1758i	0.0845-0.5354i	0.2573+0.1182i	-0.3048+0.0110i	0.1877-0.0144i	0.1947+0.0455i
19.5	0.5234+1.3403i	-0.2606+0.4175i	-1.5064+4.8048i	-0.0631-0.5961i	0.2819+0.0580i	-0.4323+0.1166i	0.2162-0.0715i	0.3564-0.0596i
19.6	0.5280+1.3922i	-0.2726+0.4425i	-1.3173+5.2792i	-0.0701-0.6021i	0.2893+0.0811i	-0.4761+0.1547i	0.2172-0.0575i	0.4457-0.1097i
19.7	0.8293+1.1723i	-0.1499+0.4646i	0.5671+5.2137i	-0.1462-0.4181i	0.3249-0.0573i	-0.4267+0.3568i	0.2775-0.1750i	0.4217-0.3454i
19.8	1.1639+1.1679i	-0.0192+0.5878i	2.5965+5.3745i	-0.2514-0.4376i	0.3054-0.2718i	-0.3567+0.4915i	0.2516-0.3875i	0.3499-0.4995i
19.9	1.2126+1.4208i	-0.0045+0.6742i	2.9323+5.9755i	-0.3298-0.5414i	0.3916-0.2526i	-0.3374+0.5650i	0.2376-0.4195i	0.3472-0.5942i
20.0	1.5837+1.1656i	0.2078+0.6212i	4.2159+4.7598i	-0.4791-0.3515i	0.2807-0.2786i	-0.1193+0.6871i	-0.0435-0.4494i	0.0444-0.7495i
20.1	1.9079+1.0042i	0.3734+0.5814i	5.3311+4.1265i	-0.5550-0.1561i	0.1977-0.3607i	0.0076+0.6396i	-0.1602-0.4467i	-0.0772-0.6884i
20.2	2.0771+0.9510i	0.4186+0.5535i	5.7928+4.0453i	-0.4467-0.0458i	0.1632-0.3991i	0.0381+0.5902i	-0.1371-0.4254i	-0.1095-0.6453i
20.3	1.9938+0.6392i	0.4064+0.4292i	5.8082+3.2683i	-0.2047+0.0580i	0.1047-0.4057i	0.0427+0.5384i	-0.1525-0.3700i	-0.0929-0.6140i
20.4	1.8518+0.4030i	0.3846+0.3541i	5.9994+2.5048i	-0.0196+0.0126i	0.0861-0.4290i	0.0727+0.4258i	-0.1254-0.3582i	-0.0783-0.4896i
20.5	1.8011+0.2283i	0.4059+0.3153i	6.3640+1.7356i	0.0518-0.0971i	0.0310-0.4364i	0.1390+0.3737i	-0.1331-0.3276i	-0.1349-0.4180i
20.6	1.7636-0.0271i	0.4406+0.2303i	6.4492+0.4184i	0.0348-0.2333i	-0.0481-0.3996i	0.2119+0.3409i	-0.1854-0.2703i	-0.2460-0.3974i
20.7	1.5238-0.0278i	0.3696+0.1909i	5.6182+0.1476i	0.0383-0.2625i	-0.0615-0.3516i	0.1657+0.2490i	-0.1932-0.2185i	-0.2326-0.2661i
20.8	1.4132-0.0608i	0.3551+0.1595i	5.4390-0.3497i	-0.0340-0.3595i	-0.0558-0.3429i	0.1213+0.1895i	-0.1353-0.2040i	-0.1609-0.2421i
20.9	1.3011-0.0291i	0.3452+0.1263i	5.1578-0.6956i	-0.1368-0.3026i	-0.0615-0.3295i	0.0772+0.2166i	-0.0999-0.2404i	-0.1405-0.3750i
21.0	1.1682-0.0673i	0.3198+0.0651i	4.6079-1.2934i	-0.1999-0.2093i	-0.1020-0.2916i	0.0669+0.2192i	-0.1598-0.2262i	-0.1630-0.3558i
21.1	1.1383-0.0731i	0.3135+0.0551i	4.3219-1.6663i	-0.2131-0.2604i	-0.1136-0.2339i	0.0818+0.2004i	-0.1540-0.2085i	-0.1983-0.3044i
21.2	1.0844-0.0756i	0.2925+0.0420i	3.9079-1.7921i	-0.2268-0.2423i	-0.1357-0.2308i	0.1179+0.1950i	-0.1846-0.1928i	-0.3261-0.2939i
21.3	1.0936-0.0231i	0.2849+0.0487i	3.9198-1.7881i	-0.1915-0.2586i	-0.1690-0.2582i	0.0904+0.1775i	-0.2083-0.2104i	-0.2805-0.2789i
21.4	0.9994-0.1215i	0.2665-0.0254i	3.2338-2.6343i	-0.2988-0.1960i	-0.1674-0.1942i	0.1123+0.1478i	-0.2365-0.1180i	-0.3260-0.1682i
21.5	1.0355-0.1127i	0.2619-0.0482i	2.9999-3.1130i	-0.2561-0.2101i	-0.1883-0.1432i	0.1194+0.1720i	-0.2519-0.0819i	-0.3692-0.1545i
21.6	1.0340-0.0765i	0.2421-0.0546i	2.7471-3.1165i	-0.2402-0.2041i	-0.1558-0.0838i	0.1285+0.1812i	-0.1924-0.0679i	-0.3402-0.2166i
21.7	0.9975-0.0876i	0.2102-0.0610i	2.2580-3.0371i	-0.2484-0.1382i	-0.1265-0.0683i	0.1378+0.1593i	-0.1613-0.0683i	-0.3555-0.1751i
21.8	0.9249-0.0962i	0.1752-0.0602i	1.7326-2.7568i	-0.2477-0.0759i	-0.1448-0.0968i	0.0846+0.1247i	-0.1898-0.0875i	-0.2848-0.1546i
21.9	0.9320-0.0742i	0.1591-0.0622i	1.5627-2.7117i	-0.2569-0.0510i	-0.1488-0.0753i	0.0798+0.1148i	-0.2087-0.0747i	-0.2578-0.1552i
22.0	0.9284-0.1019i	0.1477-0.0498i	1.3305-2.4757i	-0.2336-0.0783i	-0.1477-0.0653i	0.0721+0.0964i	-0.2121-0.0606i	-0.2781-0.0882i
22.1	0.8969-0.1052i	0.1266-0.0401i	1.0984-2.2812i	-0.1604-0.0639i	-0.1302-0.0753i	0.0580+0.0839i	-0.1700-0.0495i	-0.2679-0.0728i
22.2	0.8894-0.1058i	0.1103-0.0485i	0.5981-2.3342i	-0.1883-0.0045i	-0.1340-0.1106i	0.0492+0.0613i	-0.1606-0.0497i	-0.2382-0.0682i
22.3	0.8617-0.1351i	0.0937-0.0549i	0.3869-2.2346i	-0.1780+0.0307i	-0.1518-0.0981i	0.0401+0.0664i	-0.1739-0.0384i	-0.2333-0.0728i
22.4	0.8185-0.1659i	0.0719-0.0568i	0.2444-2.0811i	-0.1256+0.0469i	-0.1348-0.0981i	0.0563+0.0453i	-0.1729-0.0413i	-0.2432-0.0176i
22.5	0.7971-0.1319i	0.0653-0.0518i	0.3286-2.1771i	-0.1124-0.0099i	-0.1456-0.0704i	0.0366+0.0489i	-0.2019-0.0150i	-0.2047-0.0391i
22.6	0.8769-0.1668i	0.0744-0.0524i	0.2796-2.3397i	-0.0642-0.0482i	-0.1391-0.0450i	0.0604+0.0630i	-0.1808+0.0177i	-0.2346-0.0001i
22.7	0.8834-0.1923i	0.0590-0.0403i	-0.0959-2.0960i	-0.1172-0.0437i	-0.1217-0.0470i	0.0734+0.0288i	-0.1805+0.0206i	-0.2656+0.0725i
22.8	0.7930-0.2266i	0.0480-0.0389i	-0.2136-1.9251i	-0.1199-0.0035i	-0.1392-0.0039i	0.0218+0.0543i	-0.1880+0.0166i	-0.1487+0.0217i
22.9	0.8035-0.2718i	0.0597-0.0417i	-0.1463-2.0590i	-0.1213+0.0219i	-0.1244-0.0075i	0.0207+0.0619i	-0.1961-0.0189i	-0.1732-0.0467i
23.0	0.7914-0.2831i	0.0637-0.0454i	-0.1161-2.1029i	-0.1740+0.0299i	-0.1222+0.0210i	0.0560+0.0542i	-0.2351-0.0727i	-0.2443-0.1153i
23.1	0.7518-0.2435i	0.0395-0.0311i	-0.6120-1.9825i	-0.0512-0.0210i	-0.1270-0.0067i	0.0701+0.0578i	-0.1936+0.0082i	-0.2270-0.0196i
23.2	0.7705-0.2847i	0.0321-0.0183i	-0.8750-1.6709i	0.0085-0.0685i	-0.1401-0.0385i	0.0401+0.0545i	-0.1590+0.0766i	-0.1660+0.0935i
23.3	0.7567-0.2708i	0.0333+0.0061i	-1.0063-1.0674i	-0.0843-0.1308i	-0.1504-0.0432i	-0.0250+0.0454i	-0.1605+0.0515i	-0.0821+0.0942i
23.4	0.7164-0.2757i	0.0481+0.0009i	-0.9787-0.9166i	-0.2247-0.0437i	-0.1015+0.0032i	0.0256+0.0416i	-0.1223+0.0818i	-0.0938+0.1192i
23.5	0.6621-0.2839i	0.0418-0.0009i	-0.9620-0.7964i	-0.2119+0.0345i	-0.0762+0.0371i	0.0847+0.0334i	-0.1159+0.1067i	-0.1262+0.0951i
23.6	0.6971-0.2730i	0.0364+0.0165i	-0.9298-0.6328i	-0.1017-0.0540i	-0.0796+0.0245i	0.0965+0.0401i	-0.0943+0.0385i	-0.1883+0.0782i
23.7	0.7068-0.3064i	0.0333+0.0268i	-0.9380-0.4060i	-0.0798-0.0957i	-0.1337+0.0055i	0.0489+0.0628i	-0.1058+0.0578i	-0.1787+0.0731i
23.8	0.6794-0.3054i	0.0335+0.0272i	-0.8327-0.2584i	-0.1109-0.0871i	-0.0698+0.0448i	0.0282+0.0330i	-0.1045+0.0127i	-0.0916+0.0569i
23.9	0.5983-0.3523i	0.0427+0.0063i	-0.6912-0.0276i	-0.1474+0.0553i	-0.0301+0.0391i	0.0040+0.0284i	-0.0801+0.0072i	-0.0070+0.0277i
24.0	0.5691-0.3573i	0.0506-0.0012i	-0.6199+0.0179i	-0.1849+0.0816i	-0.0121-0.0224i	-0.0111+0.0352i	-0.0746+0.0311i	-0.0231+0.0193i
24.1	0.5752-0.3480i	0.0581+0.0136i	-0.5461+0.0446i	-0.2039-0.0333i	-0.0664+0.0224i	0.0290+0.0438i	-0.1108+0.0493i	-0.1163+0.0751i
24.2	0.5019-0.3759i	0.0558+0.0065i	-0.4062+0.1080i	-0.1658-0.0054i	-0.0611+0.0694i	0.0404+0.0505i	-0.1011+0.0511i	-0.0426+0.0667i
24.3	0.4717-0.3607i	0.0478+0.0083i	-0.3145+0.1499i	-0.1726+0.0291i	-0.0782+0.0753i	0.0263+0.0833i	-0.1213+0.0615i	0.0029+0.0319i
24.4	0.4472-0.3257i	0.0483+0.0134i	-0.2133+0.1753i	-0.1491+0.0373i	-0.1178+0.0362i	0.0054+0.0469i	-0.1251+0.0185i	0.0171+0.0474i
24.5	0.4111-0.3369i	0.0410+0.0202i	-0.1593+0.2097i	-0.0754-0.0564i	-0.1034-0.0027i	-0.0136+0.0193i	-0.1144+0.0164i	-0.0078+0.0544i

24.6	0.4076-0.3537i	0.0499+0.0205i	-0.0905+0.2076i	-0.0644-0.1096i	-0.0469+0.0137i	0.0312+0.0305i	-0.0518+0.1012i	-0.0387+0.1156i
24.7	0.3737-0.3682i	0.0706+0.0077i	-0.0859+0.2678i	-0.2406+0.0137i	-0.0513+0.0869i	0.0526+0.0464i	-0.0619+0.1481i	-0.0304+0.1325i
24.8	0.3119-0.3319i	0.0593+0.0055i	0.0207+0.2265i	-0.2267+0.0170i	-0.0641+0.0343i	0.0287+0.0239i	-0.0174+0.0702i	0.0204+0.0735i
24.9	0.3022-0.3374i	0.0475-0.0052i	0.0611+0.2180i	-0.1491+0.0302i	-0.0245+0.0113i	0.0373+0.0161i	0.0096+0.0718i	0.0112+0.0424i
25.0	0.2829-0.2661i	0.0489+0.0073i	0.1383+0.1700i	-0.1999+0.0272i	-0.0442+0.0679i	0.0036+0.0245i	-0.0715+0.0270i	0.0496+0.0154i
25.1	0.2617-0.2201i	0.0459+0.0183i	0.1736+0.1666i	-0.1784+0.0015i	-0.1232+0.0888i	-0.0397+0.0380i	-0.1320+0.0429i	0.0511-0.0212i
25.2	0.2354-0.2156i	0.0568+0.0086i	0.2097+0.1962i	-0.1620+0.0584i	-0.0667+0.0682i	-0.0216+0.0129i	-0.0667+0.0462i	0.0494+0.0147i
25.3	0.2344-0.2003i	0.0576+0.0168i	0.2150+0.1644i	-0.1500+0.0599i	0.0221+0.0148i	-0.0039+0.0150i	-0.0538+0.0927i	-0.0161+0.0381i
25.4	0.2074-0.2088i	0.0446+0.0122i	0.2379+0.1829i	-0.0726+0.1054i	0.0579-0.0646i	0.0077-0.0190i	-0.0833+0.0476i	-0.0550+0.0235i
25.5	0.2046-0.2035i	0.0464+0.0003i	0.3029+0.1390i	-0.1105+0.0653i	-0.0250+0.0586i	-0.0153+0.0392i	-0.0713+0.0663i	0.0123+0.0447i
25.6	0.2126-0.1922i	0.0599-0.0060i	0.3111+0.1576i	-0.1537+0.0988i	-0.0612+0.0730i	-0.0328+0.0783i	-0.0797+0.0644i	0.0136+0.0129i
25.7	0.2119-0.1774i	0.0548-0.0074i	0.3176+0.1595i	-0.0689+0.1503i	-0.0357-0.0166i	-0.0355+0.0432i	-0.0535+0.0134i	0.0180-0.0250i
25.8	0.2034-0.1656i	0.0506-0.0055i	0.3244+0.1267i	-0.0545+0.0841i	-0.0525-0.0386i	-0.0258+0.0135i	-0.0652+0.0173i	0.0066-0.0027i
25.9	0.1985-0.1367i	0.0465-0.0100i	0.3503+0.1053i	0.0058+0.0849i	-0.0793+0.0458i	-0.0307+0.0363i	-0.0534+0.0565i	-0.0026+0.0013i
26.0	0.2092-0.1056i	0.0464-0.0104i	0.3376+0.0734i	-0.0125+0.1185i	-0.0543+0.0388i	-0.0194+0.0327i	-0.0776+0.0774i	-0.0304+0.0329i
26.1	0.1774-0.1284i	0.0380+0.0006i	0.3201+0.1075i	-0.0143+0.0442i	-0.0680+0.0284i	-0.0075+0.0207i	-0.0490+0.0442i	0.0063+0.0341i
26.2	0.1571-0.1424i	0.0276-0.0041i	0.3449+0.1187i	-0.0101+0.0378i	-0.0190+0.0630i	-0.0082+0.0340i	-0.0326+0.0103i	0.0599-0.0403i
26.3	0.1473-0.1374i	0.0380-0.0053i	0.3592+0.1206i	-0.0354+0.0345i	0.0311+0.0877i	0.0083+0.0557i	0.0204+0.0334i	0.0085-0.0872i
26.4	0.1265-0.1000i	0.0401-0.0090i	0.3860+0.1200i	0.0030+0.0350i	-0.0066+0.0641i	0.0076+0.0344i	-0.0256+0.0493i	-0.0264-0.0775i
26.5	0.1254-0.0858i	0.0441-0.0110i	0.4009+0.0817i	0.0179+0.0208i	-0.0363+0.0546i	-0.0110+0.0297i	-0.0019+0.0529i	0.0343-0.0505i
26.6	0.1353-0.0476i	0.0479+0.0005i	0.4115+0.0880i	-0.0101+0.0139i	-0.0385+0.0291i	-0.0180+0.0471i	-0.0160+0.0774i	0.0398-0.0150i
26.7	0.1598-0.0416i	0.0560+0.0079i	0.4111+0.0973i	-0.0719-0.0146i	0.0632-0.0194i	0.0193+0.0407i	0.0206+0.0412i	0.0019-0.0268i
26.8	0.1126-0.0477i	0.0390-0.0013i	0.4243+0.1031i	-0.0441+0.0175i	0.0567+0.0366i	0.0312+0.0392i	0.0292+0.0272i	-0.0079-0.0445i
26.9	0.0693+0.0176i	0.0263-0.0076i	0.4319+0.1052i	0.0288+0.0506i	-0.0022+0.0456i	-0.0124+0.0235i	0.0200+0.0367i	-0.0002-0.0137i
27.0	0.0487+0.0693i	0.0385+0.0058i	0.4570+0.1163i	0.0114-0.0012i	-0.1251+0.0462i	-0.0842+0.0274i	-0.0457+0.0549i	0.0442-0.0481i
27.1	0.0714+0.0911i	0.0404+0.0121i	0.4669+0.1238i	-0.0192-0.0266i	0.0128+0.0243i	-0.0110+0.0087i	-0.0373+0.0105i	-0.0038-0.0797i
27.2	0.0542+0.1155i	0.0309+0.0135i	0.4520+0.1211i	0.0319-0.0430i	-0.0268+0.0765i	-0.0477+0.0263i	-0.0758+0.0707i	-0.0153-0.1103i
27.3	0.1455+0.0909i	0.0516+0.0138i	0.4653+0.1181i	-0.0418-0.0067i	-0.0662+0.0941i	-0.0542+0.0611i	-0.0459+0.1041i	-0.0310-0.0911i
27.4	0.1133+0.0985i	0.0465+0.0143i	0.4865+0.1571i	-0.0621-0.0114i	-0.0123-0.0002i	-0.0195+0.0073i	-0.0400+0.0042i	-0.0383-0.0759i
27.5	0.1185+0.1537i	0.0473+0.0162i	0.4662+0.1980i	-0.0730+0.0005i	-0.0236-0.0956i	-0.0272-0.0127i	-0.0732-0.0315i	-0.0612-0.0216i
27.6	0.1153+0.2018i	0.0351+0.0238i	0.4988+0.2370i	-0.0422-0.0203i	0.0432-0.1056i	0.0163-0.0151i	-0.0340-0.0412i	-0.1437-0.0535i
27.7	0.0763+0.2022i	0.0293+0.0253i	0.5134+0.2899i	-0.0113-0.0268i	0.0367-0.0189i	-0.0044+0.0170i	-0.0226+0.0026i	-0.0737-0.1018i
27.8	0.0823+0.2091i	0.0560+0.0239i	0.5442+0.3087i	-0.0761+0.0104i	-0.0874-0.0676i	-0.0756-0.0098i	-0.1108+0.0014i	0.0023-0.0309i
27.9	0.0979+0.2441i	0.0515+0.0372i	0.5964+0.3869i	-0.0983-0.0225i	-0.0782-0.0704i	-0.0604+0.0000i	-0.1074+0.0443i	-0.0364+0.0537i
28.0	0.1498+0.2409i	0.0630+0.0310i	0.6938+0.3940i	-0.0769+0.0052i	0.0081-0.0414i	-0.0112+0.0222i	-0.0161+0.0420i	-0.0750+0.0789i
28.1	0.1719+0.1998i	0.0562+0.0231i	0.7497+0.3266i	-0.0188+0.0129i	-0.0049-0.0557i	-0.0386+0.0026i	-0.0527+0.0228i	-0.1202+0.0933i
28.2	0.2330+0.1821i	0.0742+0.0225i	0.8592+0.2756i	-0.0060-0.0076i	-0.0447-0.0240i	-0.0427+0.0100i	-0.0860+0.0322i	-0.0868+0.0261i
28.3	0.2326+0.2007i	0.0765+0.0207i	0.8979+0.3031i	0.0071-0.0152i	-0.1151-0.0041i	-0.0595+0.0105i	-0.1198+0.0274i	-0.0287-0.0001i
28.4	0.2480+0.1924i	0.0899+0.0178i	0.9969+0.3097i	-0.0960+0.0165i	-0.1107+0.0302i	-0.0841+0.0116i	-0.1280+0.0407i	-0.0340+0.0067i
28.5	0.2450+0.1737i	0.0850+0.0073i	1.0539+0.2658i	-0.1012+0.0369i	0.0265-0.0130i	-0.0263-0.0032i	-0.0194+0.0053i	-0.0582-0.0093i
28.6	0.2373+0.1617i	0.0757+0.0023i	1.0725+0.2158i	-0.0506+0.0435i	-0.0446+0.0209i	-0.0529+0.0195i	-0.0707+0.0276i	-0.0340-0.0418i
28.7	0.2290+0.1646i	0.0778+0.0089i	1.1340+0.2253i	-0.0844+0.0288i	-0.0768-0.0404i	-0.0699+0.0009i	-0.1162-0.0055i	-0.0645-0.0240i
28.8	0.2129+0.1235i	0.0690+0.0089i	1.1734+0.1533i	-0.0537+0.0313i	-0.1456-0.0160i	-0.0536-0.0117i	-0.1281+0.0079i	0.0188-0.0290i
28.9	0.2160+0.1166i	0.0801+0.0105i	1.2036+0.1139i	-0.0366+0.0206i	-0.0957+0.0983i	-0.0284+0.0439i	-0.0637+0.1082i	-0.0031-0.1056i
29.0	0.2126+0.1128i	0.0911+0.0039i	1.2454+0.1210i	-0.0614-0.0429i	-0.0395+0.0472i	-0.0251+0.0305i	-0.0368+0.0325i	-0.0530-0.0628i
29.1	0.1976+0.1177i	0.0824-0.0040i	1.2836+0.0641i	-0.0555-0.0181i	-0.0276-0.0689i	-0.0175-0.0012i	-0.0639-0.0773i	-0.0720-0.0453i
29.2	0.1804+0.1157i	0.0821+0.0047i	1.3272+0.0787i	-0.0374-0.0458i	0.0150+0.0076i	-0.0491+0.0110i	-0.0461-0.0032i	-0.0680-0.0517i
29.3	0.1655+0.1075i	0.0905-0.0081i	1.4530+0.0063i	0.0210+0.0041i	0.0023+0.1173i	-0.0382+0.0562i	-0.0187+0.1016i	-0.0287-0.0925i
29.4	0.1383+0.1102i	0.0843-0.0162i	1.5111-0.0276i	0.0536+0.0245i	-0.0916+0.1424i	-0.0647+0.0564i	-0.0690+0.1297i	0.0529-0.0783i
29.5	0.1039+0.1094i	0.0813-0.0160i	1.4720-0.0281i	-0.0122-0.0155i	-0.0373+0.0073i	-0.0427+0.0459i	-0.0503+0.0222i	-0.0345-0.0208i
29.6	0.1094+0.1120i	0.0912-0.0210i	1.5491-0.0615i	0.0108-0.0052i	-0.0474-0.0689i	-0.0295+0.0158i	-0.0490-0.0253i	-0.0467+0.0334i
29.7	0.0975+0.1452i	0.0862-0.0169i	1.6160-0.1473i	0.0366+0.0120i	-0.0784+0.0058i	-0.0446+0.0140i	-0.0809+0.0292i	-0.0258-0.0224i
29.8	0.0821+0.1809i	0.0838-0.0117i	1.7330-0.2319i	0.0874-0.0204i	-0.0086+0.0353i	-0.0250-0.0126i	-0.0542+0.0502i	-0.0624-0.0447i
29.9	0.0241+0.2497i	0.0815+0.0329i	1.8479-0.2676i	0.1698-0.0792i	-0.0774+0.2338i	0.0041-0.0224i	-0.0852+0.1952i	-0.0167-0.0525i
30.0	0.0041+0.2122i	0.0944+0.0044i	1.9289-0.2678i	0.0852+0.0092i	-0.1649+0.1853i	-0.0721+0.0133i	-0.1227+0.1460i	0.0153-0.0985i
30.1	0.0012+0.1989i	0.1107-0.0211i	2.0027-0.3171i	0.0607+0.0443i	-0.0882+0.0525i	-0.0513+0.0231i	-0.0839+0.0715i	-0.0356-0.1199i
30.2	-0.0144+0.2119i	0.1132-0.0180i	2.0703-0.3385i	0.0300+0.0574i	-0.0459+0.0497i	-0.0343+0.0097i	-0.0715+0.0415i	-0.0673-0.1465i
30.3	-0.0563+0.2584i	0.1244-0.0050i	2.2345-0.3635i	0.0155+0.0638i	-0.2251+0.0007i	-0.1235-0.0524i	-0.2079+0.0514i	0.0367-0.0961i
30.4	-0.0645+0.2752i	0.1446-0.0125i	2.3943-0.5018i	-0.0037+0.0162i	-0.1598+0.0603i	-0.1126-0.0305i	-0.1488+0.0765i	-0.0365-0.1018i
30.5	-0.0971+0.2565i	0.1304-0.0393i	2.5509-0.5911i	0.0278+0.0072i	-0.1061+0.0364i	-0.0718+0.0118i	-0.1203+0.0217i	-0.0290-0.0663i
30.6	-0.1207+0.3004i	0.1366-0.0441i	2.6496-0.7579i	0.0592+0.0111i	-0.1129+0.0618i	-0.0631+0.0235i	-0.0978+0.0322i	-0.0382-0.1353i
30.7	-0.1280+0.3541i	0.1614-0.0498i	2.7899-1.0130i	0.0757-0.0116i	-0.1375+0.1807i	-0.1109+0.0673i	-0.1148+0.1277i	-0.0311-0.2046i
30.8	-0.1357+0.3785i	0.1662-0.0619i	2.8689-1.1714i	0.0395-0.0502i	-0.1103+0.0810i	-0.1052+0.0322i	-0.1065+0.0845i	-0.1247-0.1495i

30.9	-0.1896+0.4060i	0.1588-0.0765i	3.0465-1.2760i	0.0649+0.0190i	-0.1239+0.0130i	-0.0868+0.0297i	-0.1377+0.0379i	-0.0864-0.0978i
31.0	-0.2262+0.4749i	0.1653-0.1057i	3.1699-1.6383i	0.0840+0.0206i	-0.1350+0.0951i	-0.1418+0.0687i	-0.1832+0.1107i	-0.1125-0.1034i
31.1	-0.2497+0.5331i	0.1552-0.1364i	3.3128-2.0224i	0.1384+0.0066i	-0.0986+0.1582i	-0.1455+0.1077i	-0.1642+0.1418i	-0.1381-0.1283i
31.2	-0.2950+0.5919i	0.1635-0.1625i	3.5210-2.4516i	0.1181-0.0062i	-0.1622+0.1184i	-0.1157+0.0577i	-0.1999+0.1222i	-0.1079-0.0985i
31.3	-0.2663+0.6678i	0.1683-0.2050i	3.4436-2.9782i	0.0897-0.0283i	-0.1056+0.1854i	-0.1409+0.1148i	-0.1589+0.1896i	-0.1499-0.1421i
31.4	-0.2861+0.7169i	0.1621-0.2305i	3.5166-3.4798i	0.0770+0.0131i	-0.0752+0.2387i	-0.1331+0.1217i	-0.1491+0.2289i	-0.1649-0.1645i
31.5	-0.2893+0.8182i	0.1426-0.2641i	3.4087-4.2258i	0.1173-0.0027i	-0.1116+0.2369i	-0.1102+0.1296i	-0.1470+0.2631i	-0.1438-0.1402i
31.6	-0.2618+0.9255i	0.1163-0.2802i	2.9320-4.8522i	0.0778-0.0514i	-0.1153+0.3580i	-0.1496+0.1386i	-0.1157+0.2967i	-0.2068-0.1600i
31.7	-0.1963+1.0016i	0.0588-0.2711i	2.1132-5.3712i	0.0871-0.1338i	-0.0598+0.2818i	-0.1014+0.1319i	-0.0725+0.2834i	-0.2412-0.0498i
31.8	-0.1331+1.0747i	-0.0060-0.2830i	1.2864-5.7155i	0.1261-0.1426i	0.0704+0.3049i	-0.0268+0.1756i	-0.0072+0.2801i	-0.3481-0.0686i
31.9	-0.0809+1.1420i	-0.0371-0.2871i	0.7016-5.7866i	0.1400-0.1339i	0.1794+0.4193i	-0.0426+0.1872i	0.0051+0.3281i	-0.4098-0.1631i
32.0	-0.0441+1.2166i	-0.0562-0.2435i	0.0538-5.6002i	0.0975-0.1846i	0.1451+0.3518i	-0.0557+0.1694i	-0.0059+0.3582i	-0.3966-0.1388i
32.1	-0.0302+1.2414i	-0.0494-0.2226i	-0.2830-5.2828i	0.0169-0.2437i	0.1985+0.3036i	-0.0422+0.2294i	0.0358+0.3611i	-0.4345-0.0880i
32.2	0.0118+1.3450i	-0.0650-0.2354i	-0.8105-5.1946i	0.0219-0.2298i	0.2937+0.3643i	-0.0454+0.2847i	0.0905+0.3906i	-0.5216-0.0497i
32.3	0.0759+1.4215i	-0.0949-0.2475i	-1.1598-5.1723i	0.0124-0.2015i	0.3063+0.3106i	-0.0067+0.2970i	0.1169+0.3517i	-0.5285+0.0574i
32.4	0.2176+1.5291i	-0.1251-0.2323i	-1.9642-4.9840i	-0.0933-0.1986i	0.4290+0.2150i	0.0824+0.2906i	0.2163+0.3409i	-0.6067+0.1787i
32.5	0.3383+1.5907i	-0.1370-0.2014i	-2.4956-4.5369i	-0.1869-0.0854i	0.4509+0.1692i	0.1237+0.2700i	0.2566+0.3364i	-0.5555+0.2211i
32.6	0.4913+1.6155i	-0.1596-0.1590i	-2.8872-4.0903i	-0.1816-0.0900i	0.5204+0.0917i	0.1910+0.2509i	0.3206+0.2934i	-0.5620+0.2644i
32.7	0.7019+1.6203i	-0.1480-0.1430i	-2.9769-3.5350i	-0.1957+0.0213i	0.5314-0.0124i	0.2430+0.1772i	0.3666+0.1979i	-0.5701+0.3528i
32.8	0.8991+1.5293i	-0.1251-0.1168i	-2.8481-2.8832i	-0.1977+0.0688i	0.4461-0.1609i	0.2893+0.0862i	0.3387+0.0635i	-0.5134+0.4965i
32.9	1.0323+1.3983i	-0.0973-0.1181i	-2.7975-2.7233i	-0.0829+0.1643i	0.3951-0.1772i	0.3399-0.0001i	0.3324-0.0368i	-0.3829+0.5463i
33.0	1.1434+1.2863i	-0.1025-0.1456i	-2.9794-2.0865i	-0.0396+0.2125i	0.3967-0.1590i	0.2456+0.0120i	0.2734-0.0377i	-0.2885+0.4762i
33.1	1.2061+1.1582i	-0.1129-0.1644i	-3.0274-1.7017i	0.0573+0.2163i	0.3522-0.2803i	0.2551+0.0389i	0.2991-0.0644i	-0.2164+0.5508i
33.2	1.1586+1.0511i	-0.1127-0.1635i	-2.6549-1.6152i	0.1198+0.1461i	0.2421-0.3065i	0.2351-0.0920i	0.2369-0.1382i	-0.1907+0.5735i
33.3	1.1597+0.9889i	-0.1448-0.1838i	-2.4501-1.4924i	0.2586+0.1650i	0.2334-0.3220i	0.2170-0.1412i	0.1934-0.1651i	-0.2208+0.5708i
33.4	1.1763+0.9327i	-0.1743-0.1903i	-2.4305-1.3715i	0.3416+0.1569i	0.2443-0.3644i	0.1871-0.1055i	0.1778-0.1873i	-0.2194+0.6544i
33.5	1.1405+0.8331i	-0.1899-0.1888i	-2.3000-1.3064i	0.3300+0.0443i	0.0869-0.2529i	0.0941-0.1901i	0.0461-0.2087i	0.0019+0.5531i
33.6	1.1010+0.7706i	-0.2152-0.1733i	-2.0313-1.1968i	0.3603-0.0300i	0.0581-0.2787i	0.0978-0.2216i	-0.0123-0.2109i	0.0414+0.5463i
33.7	1.0676+0.7026i	-0.2579-0.1465i	-2.0047-1.0876i	0.3843-0.2227i	-0.0114-0.2478i	-0.0149-0.1902i	-0.1375-0.1450i	0.1183+0.5122i
33.8	1.0165+0.6920i	-0.3066-0.1175i	-1.9555-1.0811i	0.4001-0.3944i	-0.0362-0.2289i	-0.0527-0.1479i	-0.2148-0.0575i	0.1908+0.4448i
33.9	0.9861+0.6970i	-0.3000-0.0912i	-1.8598-1.1387i	0.2138-0.4407i	-0.0550-0.2602i	-0.0589-0.0357i	-0.2127+0.0667i	0.2218+0.4445i
34.0	0.9701+0.7748i	-0.3268-0.0552i	-1.6075-1.0711i	0.1152-0.4553i	-0.1029-0.1913i	-0.0307-0.0669i	-0.1759+0.1637i	0.2646+0.2385i
34.1	0.9878+0.8177i	-0.3500-0.0426i	-1.5279-1.1129i	0.0838-0.4191i	-0.1006-0.1589i	0.0200-0.0639i	-0.1168+0.2212i	0.2009+0.1320i
34.2	0.9955+0.8231i	-0.3297+0.0012i	-1.4660-1.2337i	0.0318-0.3591i	-0.0469-0.1014i	0.0235-0.0050i	-0.0255+0.2449i	0.0966+0.1459i
34.3	1.0344+0.7977i	-0.3440+0.0336i	-1.4810-1.2321i	0.1032-0.2325i	-0.0453-0.0891i	0.0410+0.0026i	0.0252+0.1926i	0.0547+0.2405i
34.4	1.0670+0.8129i	-0.3611+0.0553i	-1.4913-1.2959i	0.1745-0.2845i	-0.0281-0.0976i	0.0753-0.0044i	0.0734+0.1837i	0.0158+0.2295i
34.5	1.1250+0.7469i	-0.3312+0.0982i	-1.5727-1.2957i	0.1412-0.3795i	0.0261-0.0747i	0.1041+0.0345i	0.1217+0.2147i	-0.0547+0.1872i
34.6	1.1568+0.7241i	-0.3269+0.1508i	-1.5791-1.2460i	0.1151-0.4451i	0.0199-0.0759i	0.0821+0.0220i	0.1281+0.2008i	-0.0570+0.2138i
34.7	1.1647+0.7230i	-0.3365+0.2105i	-1.6638-1.2674i	0.1140-0.6130i	-0.0098-0.0756i	0.0994-0.0126i	0.1173+0.1925i	-0.0075+0.1905i
34.8	1.1438+0.6558i	-0.2951+0.2216i	-1.6470-1.2444i	0.1042-0.5788i	-0.0169-0.1203i	0.1255-0.0216i	0.1137+0.1519i	-0.0131+0.2933i
34.9	1.1340+0.5729i	-0.2700+0.2496i	-1.6167-1.1625i	0.0371-0.5593i	0.0149-0.0975i	0.1125-0.0284i	0.1334+0.1512i	-0.0287+0.2953i
35.0	1.1244+0.5466i	-0.2574+0.2714i	-1.5761-1.0633i	0.0191-0.6080i	0.0052-0.0856i	0.0642-0.0403i	0.1112+0.1583i	-0.0328+0.3333i
35.1	1.0900+0.5271i	-0.2038+0.3271i	-1.6228-1.0527i	-0.1225-0.6838i	0.0732-0.0975i	0.1027+0.0406i	0.2129+0.2116i	-0.1029+0.3538i
35.2	1.0451+0.5016i	-0.0968+0.3074i	-1.6030-1.0716i	-0.3777-0.6054i	0.0365-0.0842i	0.1429-0.0156i	0.2841+0.1845i	-0.0407+0.3415i
35.3	0.9977+0.5118i	-0.0451+0.2837i	-1.5843-1.1084i	-0.4654-0.5919i	0.0154-0.1051i	0.1485-0.0606i	0.2881+0.1588i	-0.0350+0.3713i
35.4	0.9834+0.5535i	-0.0266+0.3020i	-1.5444-1.0970i	-0.5140-0.6245i	-0.0363-0.1089i	0.0795-0.1008i	0.2463+0.1468i	0.0006+0.3957i
35.5	0.9841+0.5894i	0.0201+0.2795i	-1.5456-1.2191i	-0.5956-0.5333i	-0.0626-0.1141i	0.0339-0.0934i	0.2482+0.1750i	0.0887+0.4194i
35.6	0.9851+0.6104i	0.0224+0.2535i	-1.5814-1.2851i	-0.6084-0.4426i	-0.0510-0.1318i	0.0611-0.1100i	0.2818+0.1497i	0.1200+0.4311i
35.7	1.0049+0.6384i	0.0668+0.1879i	-1.6638-1.2985i	-0.7536-0.2797i	-0.0489-0.0942i	0.0595-0.1631i	0.2945+0.0799i	0.1392+0.3700i
35.8	1.0094+0.6330i	0.0544+0.1270i	-1.7525-1.2714i	-0.6666-0.0595i	-0.0374-0.1150i	0.0408-0.1856i	0.2828+0.0167i	0.0997+0.4163i
35.9	0.9837+0.6416i	0.0018+0.1562i	-1.8252-1.3115i	-0.5289-0.0140i	-0.0439-0.1691i	0.0696-0.2161i	0.2719-0.0238i	0.1491+0.4553i
36.0	0.9823+0.6505i	-0.0131+0.1455i	-1.9188-1.2996i	-0.4977+0.0337i	-0.0852-0.1160i	0.0209-0.1435i	0.2680+0.0208i	0.2496+0.4656i
36.1	1.0349+0.6744i	-0.0445+0.1434i	-1.9229-1.2641i	-0.3681+0.0360i	-0.1304-0.0591i	-0.0421-0.0991i	0.2595+0.0628i	0.3228+0.3679i
36.2	0.9935+0.6707i	-0.0443+0.1490i	-1.9410-1.2204i	-0.3185+0.0905i	-0.0647-0.0532i	-0.0274-0.0676i	0.2471+0.0246i	0.2054+0.3729i
36.3	0.9736+0.6816i	-0.0411+0.1635i	-2.0045-1.2657i	-0.2196+0.0375i	-0.0868-0.0621i	-0.0029-0.1165i	0.2161+0.0108i	0.2988+0.3385i
36.4	0.9556+0.7269i	-0.0763+0.2044i	-2.0490-1.2187i	-0.0642-0.0568i	-0.0796-0.0443i	0.0447-0.0831i	0.2386+0.0090i	0.2927+0.2922i
36.5	0.9718+0.7715i	-0.0803+0.1982i	-2.0267-1.0783i	-0.0021+0.0219i	-0.0555+0.0084i	0.0477-0.0605i	0.2499-0.0103i	0.2638+0.2420i
36.6	0.9796+0.8382i	-0.0582+0.2111i	-2.1295-1.1804i	0.0555-0.0576i	-0.0444-0.0206i	0.0974-0.1418i	0.2447-0.0564i	0.2955+0.2371i
36.7	1.0256+0.8804i	-0.0141+0.2296i	-2.2213-1.2976i	0.0877-0.2215i	-0.0456-0.0299i	0.0941-0.2104i	0.2362-0.0641i	0.3598+0.2108i
36.8	1.0569+0.9398i	0.0039+0.2119i	-2.2240-1.3743i	0.0616-0.2324i	-0.0376+0.0052i	0.0528-0.1792i	0.2443-0.0634i	0.3454+0.1403i
36.9	1.1505+1.0364i	-0.0072+0.1911i	-2.5159-1.3211i	0.0185-0.3228i	-0.0420-0.0152i	0.0373-0.2329i	0.2405-0.1234i	0.3069+0.1226i
37.0	1.2730+1.1042i	0.0059+0.2248i	-2.6650-1.2531i	0.0217-0.4991i	-0.0307-0.0175i	-0.0223-0.3152i	0.2039-0.1343i	0.2750+0.0999i
37.1	1.4268+1.1012i	0.0520+0.2527i	-2.8982-1.1664i	-0.0904-0.6904i	-0.0204+0.0121i	-0.1105-0.2462i	0.2023-0.0917i	0.2824+0.0738i

37.2	1.5750+1.0734i	0.0897+0.2433i	-3.1159-1.1321i	-0.3183-0.6815i	-0.0107-0.0353i	-0.1190-0.2166i	0.1818-0.1013i	0.2469+0.0962i
37.3	1.6661+1.0272i	0.1031+0.2195i	-3.1292-0.9078i	-0.4273-0.6218i	-0.0121-0.0359i	-0.1568-0.2002i	0.1551-0.1202i	0.2448+0.1383i
37.4	1.7694+0.9128i	0.1619+0.1805i	-3.2137-0.7327i	-0.7183-0.5309i	-0.0466-0.0317i	-0.1661-0.2089i	0.1731-0.0871i	0.2517+0.2226i
37.5	1.9133+0.8089i	0.1854+0.1866i	-3.5552-0.4543i	-0.9175-0.5965i	-0.0908-0.0359i	-0.1318-0.2076i	0.1415-0.0324i	0.2362+0.1915i
37.6	1.8617+0.7363i	0.1465+0.2011i	-3.5870-0.2543i	-0.7476-0.5384i	-0.0966-0.0512i	-0.0939-0.1742i	0.1049-0.0708i	0.2930+0.2018i
37.7	1.8826+0.6378i	0.1740+0.1654i	-3.6059-0.0960i	-0.8312-0.3916i	-0.1025-0.0483i	-0.0807-0.1523i	0.1358-0.0479i	0.3331+0.2030i
37.8	1.9175+0.5735i	0.1580+0.1231i	-3.6403+0.0469i	-0.8692-0.2755i	-0.1131-0.0228i	-0.0977-0.1969i	0.1292-0.0310i	0.3663+0.1545i
37.9	1.9312+0.5107i	0.1338+0.0987i	-3.6090+0.2800i	-0.8762-0.2122i	-0.1207+0.0257i	-0.1212-0.2499i	0.1593-0.0166i	0.4061+0.1215i
38.0	1.9066+0.4406i	0.1932+0.1014i	-3.5225+0.4408i	-0.9589-0.1665i	-0.0883+0.0175i	-0.1433-0.2769i	0.1914-0.0160i	0.3861+0.0873i
38.1	1.9766+0.4081i	0.2425+0.1398i	-3.6367+0.5626i	-1.1082-0.3175i	-0.0908-0.0007i	-0.2112-0.2555i	0.1879-0.0079i	0.3644+0.0603i
38.2	2.0282+0.2875i	0.2077+0.1172i	-3.7166+0.8692i	-1.1763-0.0887i	-0.0938+0.0018i	-0.2879-0.2488i	0.2184-0.0681i	0.3436+0.0215i
38.3	2.0465+0.2084i	0.2046+0.1485i	-3.5723+1.2434i	-1.1875-0.0109i	-0.0926+0.0312i	-0.3492-0.2091i	0.1990-0.1166i	0.3497-0.0087i
38.4	2.0641+0.1165i	0.2426+0.1190i	-3.3554+1.3420i	-1.2793+0.2040i	-0.0872+0.0580i	-0.3627-0.1197i	0.2045-0.1187i	0.3145-0.0505i
38.5	1.9585+0.0612i	0.2110+0.1301i	-3.0955+1.7140i	-1.1338+0.2686i	-0.0470+0.0759i	-0.2851-0.1085i	0.1769-0.1349i	0.2615-0.1051i
38.6	1.9090-0.0582i	0.2162+0.1006i	-2.9237+2.0851i	-1.0565+0.4116i	-0.0482+0.1032i	-0.2642-0.0722i	0.1306-0.1501i	0.2614-0.1042i
38.7	1.8759-0.0833i	0.2288+0.0828i	-2.5890+2.0743i	-0.9990+0.4218i	-0.0037+0.0688i	-0.1962-0.0793i	0.1179-0.1462i	0.1932-0.0740i
38.8	1.8306-0.1671i	0.2153+0.0842i	-2.4859+2.2358i	-0.8510+0.5002i	-0.0220+0.0730i	-0.1841-0.0591i	0.0903-0.1378i	0.2179-0.0467i
38.9	1.8184-0.2544i	0.2325+0.1078i	-2.4304+2.3202i	-0.8249+0.5142i	-0.0458+0.0890i	-0.1535-0.0860i	0.0596-0.1180i	0.2669-0.0187i
39.0	1.7036-0.3228i	0.2682+0.1347i	-1.9195+2.5293i	-0.7818+0.4451i	0.0078+0.0884i	-0.1530-0.0657i	0.0694-0.0879i	0.2146-0.0193i
39.1	1.5621-0.3254i	0.2451+0.1123i	-1.4573+2.6105i	-0.6061+0.4904i	0.0111+0.0795i	-0.2192-0.1035i	0.0682-0.0720i	0.1508-0.0500i
39.2	1.5207-0.2508i	0.2910+0.0651i	-1.1314+2.4747i	-0.6443+0.5599i	0.0232+0.1104i	-0.2895-0.1185i	0.0733-0.0369i	0.1715-0.0626i
39.3	1.4917-0.2332i	0.2579+0.0549i	-1.0164+2.1626i	-0.5283+0.4889i	0.0394+0.1208i	-0.2351-0.0914i	0.0852-0.0288i	0.1999-0.0756i
39.4	1.4530-0.2292i	0.2609+0.0530i	-0.9181+2.1275i	-0.5239+0.3937i	0.0587+0.1061i	-0.2419-0.1026i	0.0872-0.0179i	0.2033-0.0942i
39.5	1.3974-0.1559i	0.2552+0.0311i	-0.7461+1.7699i	-0.4260+0.3694i	0.0794+0.0699i	-0.2932-0.1162i	0.0905-0.0033i	0.1507-0.0898i
39.6	1.3947-0.1303i	0.2838+0.0092i	-0.7329+1.5897i	-0.4778+0.4112i	0.0448+0.0392i	-0.2972-0.1756i	0.0654-0.0153i	0.1870-0.0229i
39.7	1.4088-0.0003i	0.1986-0.0075i	-0.7524+1.3271i	-0.2479+0.3885i	0.0572+0.0197i	-0.2970-0.1501i	0.0834-0.0390i	0.1492+0.0014i
39.8	1.5125-0.0322i	0.2473-0.0502i	-0.6998+1.4255i	-0.3456+0.5067i	0.0661+0.0229i	-0.3344-0.1030i	0.0920-0.0362i	0.1317-0.0595i
39.9	1.5149-0.1287i	0.2766-0.0714i	-0.4362+1.3842i	-0.3848+0.5308i	0.0721+0.0375i	-0.3311-0.1100i	0.0935-0.0085i	0.1769-0.0609i
40.0	1.4455-0.1247i	0.2819-0.1004i	-0.1010+1.2673i	-0.4204+0.5004i	0.0597+0.0248i	-0.3415-0.0947i	0.1275-0.0035i	0.1906-0.0522i
40.1	1.4345-0.1387i	0.2832-0.1499i	-0.1209+1.1903i	-0.4448+0.6279i	0.0560+0.0240i	-0.3974-0.0964i	0.1352-0.0119i	0.1810-0.0243i
40.2	1.4497-0.1648i	0.2814-0.0874i	-0.1493+1.0564i	-0.4458+0.4456i	0.0644+0.0031i	-0.3807-0.0291i	0.1441-0.0112i	0.1658-0.0193i
40.3	1.4125-0.1919i	0.2556-0.1315i	-0.3325+0.8313i	-0.3627+0.4741i	0.0530-0.0139i	-0.3280-0.0209i	0.1738-0.0142i	0.1894-0.0467i
40.4	1.3936-0.1488i	0.2320-0.1270i	-0.3482+0.9200i	-0.3717+0.3125i	0.0458+0.0018i	-0.3695-0.0117i	0.1758-0.0079i	0.2072-0.0880i
40.5	1.3659-0.1109i	0.2576-0.0872i	-0.3376+0.9010i	-0.4785+0.3014i	0.0267-0.0048i	-0.4348-0.0111i	0.1757+0.0044i	0.1801-0.0515i
40.6	1.3571-0.0979i	0.2501-0.1742i	-0.3294+0.5852i	-0.4294+0.5862i	-0.0068+0.0054i	-0.4796-0.0003i	0.2143-0.0153i	0.1669-0.0568i
40.7	1.3885-0.0745i	0.2356-0.2011i	-0.3227+0.2690i	-0.4837+0.5427i	0.0022-0.0237i	-0.3902-0.0197i	0.2295-0.0391i	0.1696-0.0513i
40.8	1.4429-0.0870i	0.2652-0.1774i	-0.6070+0.2991i	-0.4863+0.4884i	0.0085+0.0101i	-0.3678+0.0378i	0.2236-0.0408i	0.1473-0.0663i
40.9	1.4042-0.1621i	0.2188-0.2519i	-0.6625+0.2295i	-0.4297+0.5327i	0.0019+0.0170i	-0.3862+0.0625i	0.2393-0.0459i	0.1560-0.0560i
41.0	1.3999-0.1751i	0.2372-0.2119i	-0.5891+0.2443i	-0.5355+0.4388i	-0.0178+0.0136i	-0.3710+0.0824i	0.2686-0.0580i	0.2091-0.0515i
41.1	1.4934-0.0793i	0.1973-0.2025i	-0.6803+0.1135i	-0.5427+0.4146i	0.0001+0.0197i	-0.3571+0.0558i	0.2849-0.0511i	0.2322-0.0600i
41.2	1.4642-0.0738i	0.1637-0.2391i	-0.7734+0.2282i	-0.5204+0.4650i	-0.0111+0.0364i	-0.3890+0.1553i	0.2843-0.0751i	0.2108-0.1053i
41.3	1.4579-0.1296i	0.1693-0.2463i	-0.8326+0.3259i	-0.4966+0.5637i	-0.0390+0.0289i	-0.4795+0.1631i	0.2802-0.1206i	0.1775-0.0943i
41.4	1.3936-0.1944i	0.1216-0.2712i	-0.9040+0.3125i	-0.4862+0.6708i	-0.0308+0.0701i	-0.4404+0.1898i	0.2923-0.1424i	0.1398-0.0286i
41.5	1.4253-0.1542i	0.1174-0.2780i	-0.9061+0.2252i	-0.4659+0.6768i	0.0030+0.0744i	-0.4079+0.2307i	0.2915-0.1302i	0.1193-0.0466i
41.6	1.4594-0.1665i	0.1267-0.3110i	-0.9163+0.1573i	-0.4596+0.6750i	0.0253+0.0792i	-0.3868+0.2613i	0.3032-0.1438i	0.0860-0.0806i
41.7	1.3705-0.2241i	0.0959-0.3154i	-1.0111+0.1678i	-0.5022+0.7788i	0.0257+0.0545i	-0.3823+0.1957i	0.3134-0.1609i	0.0729-0.0809i
41.8	1.3861-0.2082i	0.0977-0.3087i	-1.0208+0.1897i	-0.5943+0.8068i	0.0152+0.0720i	-0.3709+0.1835i	0.3350-0.1753i	0.0936-0.0532i
41.9	1.3890-0.1907i	0.0486-0.3099i	-1.1657+0.2111i	-0.4562+0.8098i	0.0314+0.0903i	-0.3584+0.2134i	0.2860-0.2188i	0.0804-0.0521i
42.0	1.3668-0.2167i	0.0176-0.3223i	-1.1184+0.1771i	-0.3836+1.0110i	0.0596+0.0991i	-0.3244+0.2651i	0.2745-0.2409i	0.0758-0.0117i
42.1	1.3675-0.1833i	0.0408-0.3504i	-1.1769+0.0180i	-0.3014+1.2021i	0.0502+0.0991i	-0.3038+0.3406i	0.2947-0.2768i	0.1001+0.0298i
42.2	1.4781-0.2009i	0.0758-0.3144i	-1.3888+0.1657i	-0.4296+1.0167i	0.0507+0.1301i	-0.2514+0.3353i	0.3868-0.2817i	0.0894+0.0017i
42.3	1.4724-0.2142i	-0.0226-0.3302i	-1.6529+0.2716i	-0.0527+1.1706i	0.1071+0.0947i	-0.2615+0.2400i	0.3039-0.2676i	0.0407-0.0516i
42.4	1.3941-0.2132i	-0.1032-0.3553i	-1.6041+0.2635i	0.0740+1.2143i	0.1190+0.0935i	-0.2208+0.2078i	0.2651-0.2742i	0.0298-0.0665i
42.5	1.5135-0.2888i	-0.0986-0.3509i	-1.8391+0.4653i	0.0312+1.2378i	0.1189+0.1307i	-0.1974+0.2433i	0.2343-0.3471i	0.0562-0.0721i
42.6	1.4877-0.5166i	-0.1334-0.3855i	-1.9411+0.7048i	0.2885+1.4287i	0.1598+0.1369i	-0.2492+0.2330i	0.1987-0.4178i	0.0823-0.0326i
42.7	1.3067-0.5095i	-0.1654-0.3308i	-1.6263+0.8161i	0.3441+1.2293i	0.1549+0.0959i	-0.2904+0.2529i	0.1837-0.4228i	0.0472-0.0167i
42.8	1.1596-0.3946i	-0.1235-0.2824i	-1.3789+0.6121i	0.0439+1.1347i	0.1238+0.0791i	-0.2734+0.2410i	0.2300-0.4272i	0.0296+0.0061i
42.9	1.2354-0.3168i	-0.1199-0.2971i	-1.4333+0.4894i	-0.0272+1.2735i	0.1626+0.0943i	-0.2089+0.1662i	0.1993-0.4841i	0.0392+0.0016i
43.0	1.3175-0.3854i	-0.2094-0.2861i	-1.5570+0.6875i	0.2638+1.2448i	0.2131+0.0575i	-0.2142+0.1486i	0.0935-0.4933i	0.0407-0.0276i
43.1	1.2908-0.4561i	-0.2535-0.2388i	-1.6560+0.8593i	0.3798+1.1054i	0.2133+0.0089i	-0.2369+0.2289i	0.0830-0.4300i	0.0656+0.0086i
43.2	1.2142-0.4556i	-0.2738-0.1789i	-1.6709+0.9770i	0.6231+1.0276i	0.2084-0.0217i	-0.2343+0.2565i	0.0510-0.3275i	0.0705+0.0506i
43.3	1.1200-0.3744i	-0.2439-0.1175i	-1.4356+0.9511i	0.7041+0.7172i	0.2000-0.0431i	-0.2369+0.2558i	0.0645-0.3028i	0.0638+0.0657i
43.4	1.1453-0.2014i	-0.2198-0.1567i	-1.3446+0.6091i	0.6559+0.8576i	0.1856-0.0195i	-0.2202+0.2174i	0.0981-0.4297i	0.0798+0.0553i

43.5	1.1855-0.1792i	-0.2149-0.1174i	-1.5101+0.6165i	0.5226+0.7440i	0.1621-0.0253i	-0.2456+0.1864i	0.0890-0.4043i	0.0945+0.0142i
43.6	1.2398-0.1545i	-0.1818-0.1423i	-1.5884+0.6208i	0.3980+0.8168i	0.1885-0.0169i	-0.2331+0.1779i	0.0494-0.4467i	0.1384+0.0015i
43.7	1.3521-0.3065i	-0.1529-0.1640i	-1.6487+0.9172i	0.3734+1.0120i	0.1821+0.0065i	-0.3181+0.1783i	0.0046-0.6090i	0.0863+0.0371i
43.8	1.1472-0.4757i	-0.1989-0.1125i	-1.3145+1.3286i	0.4670+0.7463i	0.1319-0.0471i	-0.3367+0.2114i	0.0330-0.5206i	0.0544+0.0685i
43.9	0.9693-0.2731i	-0.1449-0.1032i	-1.1338+0.9354i	0.2426+0.7721i	0.1323-0.0208i	-0.2359+0.3084i	0.0591-0.4848i	0.0959+0.0753i
44.0	1.0383-0.1274i	-0.1012-0.1059i	-1.3475+0.5866i	0.2328+0.9290i	0.1670-0.0210i	-0.2735+0.2624i	-0.1086-0.5340i	0.0852+0.0405i
44.1	1.1122-0.0565i	-0.1132-0.1331i	-1.4801+0.5445i	0.2980+0.9931i	0.1847-0.0213i	-0.2987+0.2345i	-0.2056-0.5410i	0.0752+0.0321i
44.2	1.1565+0.0541i	-0.1349-0.1618i	-1.6780+0.5118i	0.4323+1.1433i	0.1695-0.0396i	-0.3584+0.2742i	-0.2553-0.4997i	0.0559+0.0720i
44.3	1.5362+0.0140i	-0.1570-0.1041i	-2.3231+1.0157i	0.5294+0.8849i	0.1809-0.0581i	-0.3035+0.2884i	-0.2874-0.4366i	0.0574+0.0524i
44.4	1.5952-0.2905i	-0.1877-0.1051i	-2.1769+1.4464i	0.5864+0.9818i	0.1707-0.0893i	-0.3445+0.3101i	-0.3684-0.3410i	0.0639+0.1204i
44.5	1.2746-0.5166i	-0.2397-0.0615i	-1.4286+1.6089i	0.9488+1.0250i	0.1538-0.0768i	-0.3839+0.3163i	-0.3865-0.2696i	0.0640+0.1275i
44.6	1.0340-0.3837i	-0.2145-0.0340i	-1.1502+1.3143i	0.8274+1.0324i	0.1246-0.0352i	-0.3571+0.3398i	-0.3729-0.2874i	0.0833+0.0998i
44.7	1.2259-0.2567i	-0.1984-0.0265i	-1.5986+1.2772i	0.9410+0.7506i	0.1299-0.0410i	-0.2615+0.4524i	-0.2709-0.1985i	0.1482+0.1451i
44.8	1.1675-0.3409i	-0.1629-0.0416i	-1.3235+1.2848i	0.8321+0.7955i	0.1131-0.0276i	-0.2235+0.4722i	-0.2830-0.1872i	0.1692+0.1283i
44.9	1.1262-0.1702i	-0.1403+0.0600i	-1.4363+1.0612i	0.9104+0.5431i	0.1238-0.0372i	-0.2271+0.3641i	-0.2735-0.2054i	0.1574+0.1070i
45.0	1.1576-0.0759i	-0.1105-0.0001i	-1.5962+0.8528i	1.0198+0.5414i	0.1521-0.0266i	-0.1882+0.3536i	-0.2725-0.1827i	0.1728+0.0973i
45.1	1.2818-0.1174i	-0.1056-0.1189i	-1.9642+0.9226i	1.0714+0.9383i	0.1717-0.0049i	-0.1842+0.3546i	-0.3424-0.1059i	0.1888+0.0786i
45.2	1.2505-0.3139i	-0.1646-0.0574i	-1.9008+1.5716i	1.1954+0.3949i	0.1952-0.0250i	-0.0841+0.3270i	-0.2371-0.0526i	0.2256+0.0764i
45.3	1.1119-0.2895i	-0.0856-0.0261i	-1.6045+1.5544i	0.7787+0.3871i	0.1853-0.0148i	-0.1552+0.2937i	-0.2760-0.0708i	0.2081+0.0957i
45.4	1.1448-0.1580i	-0.0972-0.1228i	-1.7085+1.4601i	0.8582+0.6529i	0.2029+0.0017i	-0.2762+0.3439i	-0.2951+0.0306i	0.1770+0.1292i
45.5	1.0894-0.1387i	-0.1851-0.1055i	-1.5498+1.4437i	1.2044+0.5563i	0.2386+0.0314i	-0.2216+0.3781i	-0.2459+0.1540i	0.2035+0.1065i
45.6	1.0644+0.0208i	-0.1774-0.0700i	-1.5783+1.0326i	1.0657+0.6217i	0.2823+0.0182i	-0.2529+0.3415i	-0.2387+0.2066i	0.2191+0.0979i
45.7	1.2512+0.1075i	-0.1742-0.1596i	-2.1165+1.0691i	1.2289+1.0568i	0.3628-0.0028i	-0.3051+0.4285i	-0.1860+0.2531i	0.2244+0.1296i
45.8	1.4168-0.0909i	-0.2201-0.0905i	-2.3061+1.9523i	1.3832+0.7504i	0.3434-0.0873i	-0.2647+0.4925i	-0.1178+0.2029i	0.2527+0.1355i
45.9	1.3160-0.2736i	-0.2585-0.0590i	-1.7040+2.3134i	1.5517+0.4957i	0.2988-0.1026i	-0.1939+0.5190i	-0.0405+0.2433i	0.2652+0.1368i
46.0	1.1564-0.1407i	-0.1999-0.0072i	-1.4201+1.8860i	1.3482+0.5036i	0.3112-0.0926i	-0.1919+0.4836i	0.0055+0.2981i	0.2581+0.1196i
46.1	1.1370+0.0159i	-0.2698-0.0525i	-1.6891+1.6604i	1.5559+0.6895i	0.3825-0.1157i	-0.1873+0.5193i	0.1091+0.2667i	0.2799+0.1192i
46.2	1.2523+0.0387i	-0.3535-0.0230i	-1.9275+2.0247i	2.1940+0.2090i	0.4232-0.1959i	-0.0695+0.6080i	0.2771+0.2048i	0.3294+0.1210i
46.3	1.2860-0.0330i	-0.3212+0.0059i	-1.6544+2.2996i	2.0756-0.0322i	0.3921-0.2115i	0.0447+0.6005i	0.3111+0.2137i	0.3583+0.0680i
46.4	1.3369-0.0359i	-0.3105+0.0792i	-1.6648+2.6097i	2.1832-0.3655i	0.3878-0.2302i	0.1380+0.5742i	0.4331+0.1712i	0.3323+0.0491i
46.5	1.2995-0.0581i	-0.2556+0.1692i	-1.1671+2.7534i	1.8977-0.9565i	0.3149-0.2145i	0.2846+0.4234i	0.5296+0.0585i	0.3225+0.0676i
46.6	1.2640-0.0188i	-0.2166+0.1651i	-1.0014+2.5887i	1.3592-0.8993i	0.3216-0.2305i	0.2180+0.2167i	0.5234-0.0367i	0.3654+0.0369i
46.7	1.2807-0.0157i	-0.1441+0.1736i	-0.8071+2.5612i	1.0383-0.9188i	0.3202-0.2542i	0.0623+0.1296i	0.5044-0.1833i	0.3908-0.0036i
46.8	1.2343+0.0833i	-0.1394+0.0720i	-0.6897+2.1541i	0.8556-0.9024i	0.3056-0.2697i	-0.0395+0.1427i	0.4532-0.2765i	0.3703-0.0363i
46.9	1.2600+0.2269i	-0.2055-0.0070i	-0.8257+1.9649i	0.8688-0.5672i	0.3396-0.2837i	-0.0907+0.1888i	0.4354-0.3493i	0.3367-0.0644i
47.0	1.4526+0.2101i	-0.3114+0.0519i	-1.1008+2.0310i	1.3443-0.5052i	0.3624-0.3307i	-0.0521+0.2883i	0.4396-0.3508i	0.3495+0.0003i
47.1	1.5071+0.0582i	-0.2950+0.1521i	-1.0449+2.2801i	1.5831-0.9473i	0.3619-0.3868i	0.0128+0.2352i	0.4599-0.4509i	0.3751-0.0260i
47.2	1.3759-0.0534i	-0.1617+0.2050i	-0.4322+2.4239i	1.2269-1.1970i	0.3284-0.3942i	-0.0036+0.1641i	0.3779-0.5328i	0.3825-0.0805i
47.3	1.2126+0.0408i	-0.0526+0.1897i	-0.0816+2.0649i	0.5812-1.2730i	0.3020-0.4367i	-0.1067+0.1274i	0.2357-0.5969i	0.3730-0.1022i
47.4	1.1971+0.2245i	-0.1086+0.1430i	-0.3097+1.6247i	0.3304-1.1701i	0.2443-0.4797i	-0.1960+0.1788i	0.1247-0.6419i	0.3540-0.1675i
47.5	1.1905+0.4077i	-0.2313+0.0711i	-0.8331+1.2960i	0.7087-0.7211i	0.2667-0.4961i	-0.2235+0.3027i	0.0911-0.6051i	0.3270-0.1399i
47.6	1.2506+0.7131i	-0.2680+0.0364i	-1.4974+1.2785i	0.9580-0.4625i	0.2589-0.4928i	-0.2409+0.3535i	0.0615-0.5596i	0.2917-0.1356i
47.7	1.8256+0.8444i	-0.3140+0.1490i	-1.7515+2.2552i	1.1313-0.8795i	0.1956-0.5508i	-0.1869+0.3783i	0.0105-0.5818i	0.3025-0.1683i
47.8	2.0908+0.4619i	-0.2938+0.2740i	-1.1513+2.8885i	0.6522-1.1781i	0.1272-0.5633i	-0.1772+0.3812i	-0.0834-0.5794i	0.2943-0.1519i
47.9	1.9075+0.2193i	-0.2721+0.3217i	-0.5942+2.7029i	0.5316-1.0970i	0.1451-0.5731i	-0.1913+0.4648i	-0.0993-0.5851i	0.2599-0.1130i
48.0	1.9824+0.4418i	-0.2335+0.3711i	-0.7466+2.3783i	0.6927-1.2038i	0.1169-0.6173i	-0.1298+0.5347i	-0.0523-0.5810i	0.2362-0.0877i
48.1	2.1714+0.1613i	-0.1077+0.4929i	-0.3716+2.7766i	0.3880-1.6537i	0.0065-0.6091i	-0.0187+0.4313i	-0.1329-0.5971i	0.2683-0.1306i
48.2	1.9444+0.2714i	-0.0569+0.3930i	-0.0552+2.4045i	0.0405-1.2847i	-0.0446-0.5734i	-0.0059+0.4457i	-0.2469-0.4932i	0.2699-0.1501i
48.3	2.1181+0.2115i	-0.0706+0.3774i	-0.0145+2.2118i	0.0286-1.1894i	-0.0800-0.5324i	0.0317+0.3985i	-0.2504-0.4394i	0.2692-0.1817i
48.4	2.0114+0.0730i	0.0009+0.3502i	0.0472+1.7207i	-0.1291-0.9489i	-0.0425-0.4783i	-0.0205+0.2384i	-0.2276-0.4291i	0.2174-0.1956i
48.5	1.9743+0.2168i	0.0384+0.3115i	-0.1279+1.6057i	0.2352-0.7669i	-0.0233-0.5003i	-0.0489+0.3027i	-0.2674-0.3765i	0.2113-0.1158i
48.6	2.2393+0.1846i	0.0666+0.3042i	-0.3716+1.7580i	0.1897-0.8674i	-0.0822-0.4985i	-0.0235+0.3266i	-0.2313-0.3381i	0.2577-0.1302i
48.7	2.3686+0.0973i	0.0247+0.3261i	-0.4317+1.8318i	0.0846-1.1709i	-0.1196-0.5051i	0.0268+0.2273i	-0.2470-0.2668i	0.3202-0.1775i
48.8	2.5272+0.0503i	0.0013+0.3184i	-0.5205+1.9546i	0.0286-1.1760i	-0.1205-0.4628i	-0.0102+0.2138i	-0.2037-0.2702i	0.3143-0.1908i
48.9	2.3894-0.3037i	0.1109+0.3597i	-0.0112+2.0050i	-0.3291-0.8567i	-0.0954-0.3975i	-0.1006+0.2063i	-0.2038-0.2815i	0.2432-0.1496i
49.0	1.6739-0.0835i	0.2473+0.3947i	0.0272+1.1655i	-0.3560-0.6965i	-0.0315-0.4149i	-0.2269+0.2348i	-0.1704-0.3160i	0.2625-0.0468i
49.1	1.9371+0.1956i	0.2573+0.2425i	-0.2844+1.2908i	-0.1987-0.3890i	-0.0568-0.4695i	-0.2377+0.3328i	-0.1698-0.3521i	0.2417-0.0784i
49.2	2.1607+0.3123i	0.2415+0.2208i	-0.3863+1.3048i	-0.2826-0.2359i	-0.0986-0.5005i	-0.2295+0.3265i	-0.1827-0.3565i	0.2696-0.1298i
49.3	2.5393+0.4357i	0.1811+0.3009i	-0.7319+1.2638i	-0.1111-0.5318i	-0.1697-0.5186i	-0.2052+0.2848i	-0.2188-0.3694i	0.3252-0.1453i
49.4	3.0827+0.1219i	0.2406+0.3510i	-1.0187+1.6367i	-0.1546-0.8098i	-0.2354-0.4895i	-0.1630+0.2928i	-0.2729-0.4024i	0.3199-0.1679i
49.5	2.7290-0.3604i	0.3504+0.3750i	-0.7464+1.6580i	-0.2447-0.8414i	-0.2492-0.4571i	-0.1989+0.2557i	-0.3599-0.3564i	0.3569-0.1790i
49.6	2.5049-0.3155i	0.2977+0.3684i	-0.7970+1.4840i	-0.0945-0.8348i	-0.2581-0.4403i	-0.2384+0.3459i	-0.3585-0.2571i	0.3234-0.2551i
49.7	2.4732-0.2049i	0.3274+0.2568i	-0.9199+1.3806i	-0.2593-0.6332i	-0.2436-0.3971i	-0.2172+0.4424i	-0.3362-0.1726i	0.2524-0.2522i

49.8	2.7387−0.0694i	0.3396+0.1745i	−1.0546+1.6116i	−0.3174−0.6659i	−0.2371−0.3929i	−0.0995+0.4982i	−0.3087−0.1935i	0.2825−0.2194i
49.9	2.9306−0.3219i	0.4484+0.1978i	−1.0089+2.0696i	−0.1502−0.7781i	−0.2300−0.3760i	−0.0553+0.4258i	−0.3165−0.1470i	0.3117−0.2043i
50.0	2.6754−0.4324i	0.5380+0.2856i	−0.5224+2.0874i	−0.1013−0.8720i	−0.2633−0.3761i	−0.1612+0.3404i	−0.2741−0.0796i	0.3040−0.2426i
50.1	2.7203−0.2836i	0.5480+0.2207i	−0.9089+1.7679i	−0.2321−0.8383i	−0.2928−0.3272i	−0.1698+0.3538i	−0.2070+0.0105i	0.2786−0.3616i
50.2	2.9921−0.6842i	0.4923+0.2855i	−1.2303+2.2388i	−0.1434−0.8031i	−0.3046−0.2724i	−0.0676+0.4332i	−0.2340−0.0438i	0.2032−0.3660i
50.3	2.9544−0.9792i	0.5086+0.1507i	−0.8516+2.5693i	−0.3498−0.9824i	−0.2367−0.2595i	0.0374+0.3587i	−0.2055−0.0567i	0.1704−0.3640i
50.4	2.5596−1.1302i	0.6312+0.0096i	−0.0294+2.4182i	−0.6203−0.7747i	−0.1791−0.2746i	0.0092+0.2631i	−0.1566−0.0355i	0.1889−0.2459i
50.5	2.2468−0.9937i	0.6970+0.0288i	−0.0356+1.9265i	−0.9565−0.5382i	−0.1591−0.2846i	−0.1535+0.3312i	−0.0565−0.0485i	0.1997−0.1818i
50.6	2.2828−0.6592i	0.6663−0.1007i	−0.3139+1.6792i	−0.8540−0.2750i	−0.1453−0.2791i	−0.1539+0.4650i	−0.0328−0.1141i	0.1798−0.1658i
50.7	2.5027−0.7037i	0.5376−0.1481i	−0.4554+1.5810i	−0.3699−0.2326i	−0.1598−0.2972i	−0.1187+0.4310i	−0.0113−0.1457i	0.1750−0.1968i
50.8	2.3710−0.7251i	0.7053−0.2004i	−0.4819+1.6153i	−0.5007−0.3600i	−0.1810−0.2997i	−0.2255+0.3848i	0.0414−0.1539i	0.1428−0.1650i
50.9	2.3975−0.5906i	0.8283−0.2088i	−0.5451+1.6409i	−0.7271−0.4614i	−0.1634−0.2917i	−0.2434+0.2961i	0.0858−0.1651i	0.1184−0.2038i
51.0	2.3480−0.7163i	0.8588−0.4039i	−0.4474+1.5234i	−0.9550−0.5099i	−0.1708−0.2969i	−0.3515+0.3520i	0.0869−0.2349i	0.1591−0.1544i
51.1	2.1262−0.3963i	0.7712−0.5508i	−0.6524+1.0474i	−0.9794−0.4058i	−0.1300−0.2957i	−0.3166+0.4672i	0.0824−0.2559i	0.2227−0.2150i
51.2	2.6601+0.0369i	0.6388−0.5456i	−1.4334+1.5014i	−0.8081−0.4618i	−0.0646−0.3622i	−0.2011+0.4871i	0.0786−0.3672i	0.1408−0.2755i
51.3	2.9826−0.2669i	0.5623−0.6008i	−1.0463+1.9903i	−0.9295−0.2227i	−0.1022−0.4142i	−0.2200+0.4799i	0.0628−0.4213i	0.0530−0.1738i
51.4	3.0956−0.4378i	0.5993−0.6569i	−0.9221+1.7200i	−1.0158+0.0018i	−0.1522−0.4176i	−0.1759+0.5211i	0.0248−0.4464i	0.1547−0.1240i
51.5	3.0258−0.7926i	0.5581−0.7718i	−0.9095+1.6555i	−0.8932+0.0631i	−0.1924−0.4108i	−0.3003+0.4302i	−0.0032−0.4962i	0.1795−0.0792i
51.6	2.7464−0.6477i	0.6109−0.8705i	−0.7621+1.2738i	−1.0105+0.1741i	−0.2585−0.4427i	−0.4357+0.5022i	−0.0907−0.5650i	0.2355−0.0624i
51.7	3.0188−0.5388i	0.5391−0.9274i	−1.5914+1.1194i	−0.8029+0.3517i	−0.3317−0.3991i	−0.4501+0.6770i	−0.2393−0.5878i	0.2569−0.1403i
51.8	3.0788−0.6047i	0.4631−0.9924i	−1.9816+1.5649i	−0.7992+0.2623i	−0.3103−0.3587i	−0.3912+0.7575i	−0.2946−0.5382i	0.2363−0.1748i
51.9	3.1500−0.5910i	0.4070−1.1561i	−1.7043+1.6245i	−0.9224+0.4164i	−0.2887−0.3646i	−0.3374+0.7296i	−0.3115−0.4424i	0.2473−0.1853i
52.0	3.0718−0.5661i	0.3003−1.1480i	−1.8582+1.2751i	−0.5856+0.6788i	−0.2738−0.3167i	−0.3468+0.8545i	−0.3560−0.4557i	0.3581−0.1886i
52.1	3.6270−0.2323i	−0.0001−1.1887i	−2.3979+2.2527i	−0.5801+0.2834i	−0.2188−0.4174i	−0.1848+0.9135i	−0.3070−0.4603i	0.1845−0.2458i
52.2	4.2925−0.5427i	0.0717−1.1883i	−2.0192+2.6459i	−1.1553+0.3429i	−0.3081−0.4921i	−0.1071+0.8338i	−0.3068−0.4724i	0.1443−0.1282i
52.3	4.2161−1.1567i	0.2092−1.1645i	−2.1332+2.7119i	−0.9516+0.6759i	−0.3744−0.4473i	−0.0673+0.7901i	−0.3818−0.4492i	0.2371−0.0867i
52.4	3.7093−1.6847i	0.1375−1.2561i	−1.8130+2.6838i	−0.6240+1.0058i	−0.3708−0.4993i	−0.1006+0.6173i	−0.4383−0.4408i	0.3130−0.0313i
52.5	3.6076−1.0365i	−0.0626−1.3604i	−2.2597+1.9589i	−0.1171+0.7929i	−0.3012−0.5155i	−0.1620+0.6550i	−0.4322−0.4971i	0.3731−0.1047i
52.6	4.3097−1.1023i	−0.3169−1.5322i	−2.9736+2.6314i	−0.0603+0.8605i	−0.3567−0.5696i	−0.1386+0.8157i	−0.5083−0.5544i	0.4541−0.1252i
52.7	4.1213−1.9353i	−0.3599−1.4256i	−2.0877+3.1550i	−0.0350+0.9625i	−0.5550−0.5021i	−0.2206+0.8569i	−0.6634−0.4413i	0.5092−0.0904i
52.8	3.7303−1.7667i	−0.4519−1.4427i	−2.2828+2.5814i	0.2147+1.1685i	−0.6444−0.3601i	−0.3428+1.0919i	−0.7871−0.3183i	0.6570−0.1627i
52.9	4.3117−1.6275i	−0.6432−1.4893i	−3.1614+3.4291i	0.4586+0.8268i	−0.5787−0.3038i	−0.0687+1.2372i	−0.7385−0.1730i	0.5576−0.2964i
53.0	5.1016−2.2983i	−0.6819−1.2555i	−2.9570+4.3047i	0.2318+0.4640i	−0.5919−0.2495i	0.1688+0.9885i	−0.7045+0.0325i	0.4298−0.4112i
53.1	4.2914−3.3848i	−0.7744−1.3223i	−1.9925+4.3378i	−0.0638+0.6276i	−0.5690−0.1296i	−0.0006+0.8109i	−0.4569+0.1442i	0.3800−0.3287i
53.2	3.6600−3.1829i	−1.0784−1.5459i	−2.1946+3.8005i	0.1660+1.0670i	−0.4478−0.1069i	−0.0635+0.9326i	−0.2240−0.0541i	0.4126−0.3574i
53.3	3.4225−3.2536i	−1.3387−1.2276i	−2.5809+4.1183i	0.5316+0.8460i	−0.4073−0.1414i	0.0092+0.9901i	−0.2874−0.2109i	0.3961−0.3707i
53.4	3.1985−2.8091i	−1.4735−0.9405i	−2.6047+4.5064i	0.5161+0.6740i	−0.3793−0.1745i	0.0469+1.0012i	−0.3018−0.2414i	0.3238−0.3389i
53.5	3.9649−2.5359i	−1.5607−0.5605i	−2.8622+5.0339i	0.3677+0.2920i	−0.4585−0.2611i	0.1204+0.8723i	−0.3543−0.3489i	0.3312−0.2617i
53.6	4.1513−3.5186i	−1.4307−0.5300i	−2.3336+5.3994i	0.2381+0.2551i	−0.5983−0.2031i	−0.1499+0.8158i	−0.5098−0.4295i	0.6029−0.1182i
53.7	3.5375−3.7053i	−1.3355−0.7342i	−2.0328+5.1414i	0.1575+0.4476i	−0.5974−0.0942i	−0.3357+1.0773i	−0.5886−0.4044i	0.7793−0.2873i
53.8	3.6818−3.4918i	−1.5134−0.8016i	−2.8839+5.1111i	0.2842+0.5227i	−0.4953−0.1033i	−0.3468+1.4167i	−0.7085−0.3891i	0.7356−0.4810i
53.9	3.9315−3.9264i	−1.5716−0.5782i	−3.3760+6.0655i	0.4007+0.2678i	−0.4198−0.1471i	−0.1767+1.6596i	−0.8084−0.2653i	0.6316−0.6020i
54.0	3.5941−4.5625i	−1.5141−0.4407i	−2.7836+7.1684i	0.2905+0.3843i	−0.3876−0.1445i	0.1278+1.7547i	−0.8030−0.1001i	0.4847−0.6698i
54.1	2.8729−4.7054i	−1.5216−0.2763i	−1.6599+7.1587i	0.3049+0.5757i	−0.4054−0.2149i	0.2027+1.5412i	−0.7358−0.0617i	0.4667−0.5873i
54.2	2.3616−3.9497i	−1.6795−0.2259i	−1.6939+5.7736i	0.9559+0.9871i	−0.4417−0.2025i	0.1089+1.6256i	−0.8517−0.1389i	0.8214−0.6082i
54.3	2.9207−4.0254i	−1.8354−0.0764i	−3.1132+6.6422i	1.2005+0.5161i	−0.4659−0.2427i	0.2869+1.9959i	−1.0467−0.0422i	0.8880−0.8979i
54.4	2.7362−4.9103i	−1.7201+0.0989i	−2.5928+9.0313i	0.9391−0.0875i	−0.4910−0.2257i	0.7757+2.0122i	−1.0377+0.2588i	0.6812−1.1844i
54.5	2.0567−5.1793i	−1.5108+0.2772i	−1.1242+9.8890i	0.7865−0.1211i	−0.5465−0.2176i	0.9770+1.8082i	−0.8340+0.3963i	0.3587−1.1518i
54.6	1.3043−4.9372i	−1.3951+0.3398i	0.6013+9.5155i	0.7447−0.1700i	−0.5657−0.2007i	1.1014+1.5898i	−0.6424+0.3951i	0.2505−1.0171i
54.7	0.9048−4.4148i	−1.3204+0.2904i	1.4138+8.5519i	0.8144−0.1378i	−0.5739−0.1775i	1.0298+1.4382i	−0.5654+0.3434i	0.3078−0.9829i
54.8	1.2639−4.0334i	−1.4341+0.3040i	0.6375+8.1519i	1.0916−0.1071i	−0.5942−0.1355i	1.1373+1.6387i	−0.6668+0.3649i	0.3033−1.2609i
54.9	1.3087−4.4743i	−1.2797+0.5560i	0.8562+9.4725i	1.0176−0.5104i	−0.5631−0.0945i	1.6221+1.5695i	−0.6510+0.5645i	0.0036−1.3851i
55.0	0.8448−4.5619i	−1.2637+0.7112i	2.0076+9.6987i	0.9776−0.7751i	−0.5720−0.0810i	1.7301+1.2388i	−0.5199+0.5921i	−0.1466−1.1793i
55.1	0.4668−4.1965i	−1.1240+0.5717i	2.9746+8.9895i	0.6735−0.8181i	−0.5987−0.0938i	1.5707+0.9028i	−0.3160+0.5598i	−0.1954−1.0314i
55.2	0.2709−3.9802i	−0.9523+0.4960i	3.6463+8.7324i	0.3224−0.7334i	−0.6000−0.0711i	1.5502+0.7554i	−0.1822+0.4764i	−0.2974−0.9022i
55.3	0.0128−3.6831i	−0.8434+0.5584i	4.3845+8.2863i	0.1448−0.8260i	−0.5442−0.0747i	1.5250+0.5383i	−0.1218+0.4713i	−0.2681−0.8700i
55.4	−0.1172−3.2304i	−0.8429+0.4781i	4.6791+7.2666i	0.1177−0.6250i	−0.5675−0.1331i	1.2868+0.5105i	−0.1274+0.3618i	−0.0919−0.7796i
55.5	0.2211−2.7882i	−1.0349+0.5481i	3.7067+6.3647i	0.5206−0.5361i	−0.6715−0.1320i	1.0996+0.6921i	−0.2580+0.3232i	0.0875−0.9307i
55.6	0.5412−2.7835i	−1.1012+0.5567i	3.1863+6.9075i	0.5575−0.7657i	−0.7428−0.0618i	1.2022+0.8479i	−0.2609+0.3715i	−0.0521−1.0490i
55.7	0.4366−2.8384i	−1.0036+0.5265i	3.8714+7.3913i	0.3709−0.8847i	−0.7889−0.1054i	1.2658+0.6717i	−0.2443+0.2646i	−0.1399−0.7909i
55.8	0.4131−2.7109i	−1.0027+0.5921i	4.3081+7.2895i	0.1355−0.9936i	−0.8489−0.0703i	1.1873+0.5503i	−0.2258+0.2211i	−0.1998−0.7630i
55.9	0.4083−2.5096i	−1.0039+0.5484i	4.7853+6.8986i	−0.0010−0.9330i	−0.9168−0.0577i	1.0713+0.5056i	−0.1751+0.2350i	−0.1677−0.7900i
56.0	0.6052−2.3156i	−1.0333+0.5451i	4.7811+6.3172i	−0.2217−0.7058i	−0.9365+0.1273i	1.0363+0.7454i	−0.2589+0.3300i	−0.0356−1.0562i

56.1	0.9827-2.2128i	-1.0765+0.6295i	4.1386+6.3643i	-0.0500-0.8674i	-0.8960+0.2808i	1.3278+0.9996i	-0.2744+0.3946i	-0.2740-1.2558i
56.2	1.0495-2.3409i	-1.0354+0.6638i	4.6215+6.8562i	-0.1578-0.8917i	-0.8835+0.2867i	1.4645+0.7294i	-0.1968+0.3860i	-0.3919-1.0754i
56.3	1.0571-2.3153i	-0.9362+0.6711i	5.1228+6.7616i	-0.4092-1.0229i	-0.9486+0.3051i	1.2818+0.6088i	-0.1300+0.3579i	-0.2529-0.9275i
56.4	1.3026-2.2514i	-1.1361+0.7526i	5.0939+6.4868i	-0.4330-0.9084i	-0.9990+0.4053i	1.2627+0.6467i	-0.1885+0.2965i	-0.2657-0.9508i
56.5	1.5153-2.2727i	-1.1459+0.7888i	5.1453+6.3437i	-0.5956-0.5914i	-0.9655+0.4768i	1.2889+0.7248i	-0.2075+0.2966i	-0.2776-1.0881i
56.6	1.5362-2.3311i	-1.0174+0.6288i	5.4873+6.2919i	-0.3945-0.2412i	-0.8617+0.5178i	1.4509+0.6956i	-0.1954+0.3419i	-0.3194-1.1266i
56.7	1.6295-2.3762i	-0.9794+0.5813i	5.6988+6.2349i	-0.1195-0.4106i	-0.8559+0.5518i	1.4573+0.6820i	-0.1884+0.3818i	-0.3416-1.1397i
56.8	1.7239-2.4678i	-0.9754+0.6277i	5.9636+6.1296i	-0.1176-0.3323i	-0.8109+0.5525i	1.4566+0.5981i	-0.1659+0.4238i	-0.3206-1.2059i
56.9	1.9703-2.7046i	-1.0830+0.6537i	6.2896+6.0874i	-0.4402-0.3082i	-0.6956+0.6451i	1.5959+0.5599i	-0.0909+0.4363i	-0.4401-1.3202i
57.0	2.0195-2.8105i	-1.0858+0.6119i	6.3295+6.0493i	-0.4808-0.5516i	-0.7394+0.7384i	1.6006+0.6734i	-0.1104+0.4256i	-0.5614-1.3597i
57.1	1.9931-2.9192i	-1.1812+0.6673i	6.3714+5.9006i	-0.7074-0.5986i	-0.7265+0.9209i	1.5507+0.8456i	-0.0859+0.4751i	-0.6353-1.3961i
57.2	2.0839-3.0037i	-1.2482+0.8748i	6.1424+5.9164i	-0.6868-0.4783i	-0.4783+1.0455i	2.0472+0.9255i	-0.0269+0.5732i	-0.9723-1.5039i
57.3	2.2893-3.2099i	-1.2363+0.9969i	6.1060+6.6290i	-0.6384-0.7435i	-0.2971+0.8775i	2.5309+0.3480i	0.1479+0.6068i	-1.4581-1.2535i
57.4	2.2715-3.6145i	-1.3938+1.0959i	7.1437+6.8441i	-0.7366-0.6683i	-0.3046+0.8316i	2.3860-0.0735i	0.2012+0.5260i	-1.3773-0.9622i
57.5	2.2142-3.7994i	-1.4497+1.0618i	7.9975+6.5769i	-1.2432-0.3189i	-0.2646+0.8812i	2.2827-0.1197i	0.2236+0.4738i	-1.1964-0.9059i
57.6	2.1764-3.9713i	-1.4623+1.1677i	8.7556+6.3031i	-1.5099-0.0258i	-0.2094+0.8730i	2.2739-0.2864i	0.3316+0.4566i	-1.2904-0.8286i
57.7	2.0342-4.1511i	-1.4156+1.4462i	9.1971+6.1082i	-1.2694+0.0966i	-0.1269+0.8460i	2.2384-0.5472i	0.4373+0.4871i	-1.3965-0.8518i
57.8	1.9741-4.2029i	-1.4328+1.5298i	9.6976+5.5287i	-1.0973+0.0578i	-0.1041+0.8347i	2.1290-0.7078i	0.5427+0.3907i	-1.4436-0.7441i
57.9	1.9061-4.2987i	-1.5331+1.5667i	9.9857+4.8458i	-1.0976+0.2585i	-0.0968+0.8802i	2.0252-0.7573i	0.5860+0.2649i	-1.4465-0.6216i
58.0	1.8866-4.4546i	-1.4939+1.6558i	10.3832+4.4045i	-1.4148+0.7212i	-0.0392+0.8469i	1.9406-0.9269i	0.6923+0.1016i	-1.5873-0.5871i
58.1	1.8019-4.6423i	-1.2581+1.8734i	10.6947+3.9894i	-1.3634+0.8447i	-0.0133+0.8232i	1.8375-1.0777i	0.7385-0.0090i	-1.6986-0.5013i
58.2	1.8488-4.8319i	-1.2809+2.0189i	10.7735+3.4961i	-1.2896+1.0427i	-0.0028+0.8614i	1.6907-1.0886i	0.7288-0.1071i	-1.7020-0.5273i
58.3	1.9109-5.1747i	-1.3175+2.0754i	11.1541+3.0292i	-1.1195+1.0710i	0.0302+0.9401i	1.5043-1.0994i	0.6923-0.2617i	-1.7648-0.4694i
58.4	1.2645-5.6677i	-1.1028+2.3698i	11.8473+2.0497i	-0.9174+1.3011i	0.2123+1.0185i	1.5162-1.0542i	0.6891-0.4651i	-2.1627-0.2226i
58.5	1.1609-5.5576i	-1.1515+2.3606i	11.5448+1.2951i	-0.8680+1.6241i	0.3195+0.9664i	1.6087-1.0809i	0.6372-0.6370i	-2.3004+0.1424i
58.6	1.1962-5.8596i	-1.2108+2.6721i	11.5900+0.9381i	-0.7814+2.1845i	0.3655+0.8927i	1.5440-1.4024i	0.5224-0.7095i	-2.2774+0.4253i
58.7	0.8493-6.2492i	-1.0041+2.8175i	11.9247-0.2310i	-0.6041+2.5757i	0.4765+0.8132i	1.2758-1.5641i	0.3807-0.7939i	-2.2512+0.6274i
58.8	0.5007-6.4041i	-0.7738+3.0520i	11.7045-0.9154i	-0.1996+2.5564i	0.5116+0.7907i	1.1083-1.5644i	0.2700-0.8537i	-2.2040+0.8943i
58.9	0.1486-6.5996i	-0.5876+3.1935i	11.3990-1.6390i	0.2481+2.8335i	0.5814+0.7876i	0.9294-1.6320i	0.0982-0.9397i	-2.0180+1.2513i
59.0	-0.2028-6.6530i	-0.4318+3.2678i	11.0915-2.2647i	0.6971+2.7251i	0.8144+0.7727i	0.8653-1.7770i	-0.0746-0.9056i	-1.8301+1.5300i
59.1	-0.9474-6.6277i	0.1232+3.3551i	10.6721-2.8511i	1.7231+2.1507i	1.0255+0.6078i	0.6499-1.8031i	-0.2765-0.7617i	-1.3272+1.6961i
59.2	-1.6286-6.4752i	0.5229+3.2316i	10.1300-3.8056i	1.9559+2.2486i	0.8933+0.4777i	0.2165-1.5438i	-0.5189-0.7246i	-0.8788+1.6284i
59.3	-1.9551-6.3727i	0.7985+3.3310i	9.5616-4.0244i	1.8644+2.0981i	0.9311+0.4116i	0.0853-1.2468i	-0.5817-0.6315i	-0.5509+1.4870i
59.4	-2.4390-6.1738i	1.1439+3.4320i	8.9534-4.4190i	2.4097+1.4932i	0.9658+0.2996i	-0.1293-0.9414i	-0.6489-0.5380i	-0.2263+1.5030i
59.5	-2.7503-5.9179i	1.3138+3.3831i	8.3906-4.6657i	2.7401+1.3478i	0.9414+0.2010i	-0.1964-0.8224i	-0.6744-0.4307i	-0.2179+1.4214i
59.6	-3.1828-5.5021i	1.5928+3.2039i	7.6196-4.8722i	2.9258+0.8858i	0.9354+0.0230i	-0.1986-0.6903i	-0.6925-0.2858i	-0.0897+1.2422i
59.7	-3.5972-5.1606i	2.1154+2.9799i	7.2560-5.0298i	2.7883+0.6141i	0.9467-0.1561i	-0.1141-0.6325i	-0.6927-0.2077i	0.0472+1.1942i
59.8	-3.6710-4.9010i	2.2582+2.7951i	6.6410-5.1698i	2.9408+0.2591i	0.9431-0.2084i	0.0120-0.6033i	-0.6134-0.0989i	0.0421+1.1496i
59.9	-3.8220-4.3175i	3.4100+2.1645i	6.8473-5.3131i	3.4020-0.4883i	0.8439-0.2871i	0.0375-0.4631i	-0.6671+0.0090i	0.2278+1.0585i
60.0	-3.9228-3.9279i	4.5870-1.1928i	7.3180-8.0346i	3.0483-2.4118i	0.6677-0.3283i	0.0325-0.4962i	-0.6414+0.0726i	0.1640+0.9309i
60.1	-3.7938-3.4154i	4.0983-2.7747i	6.5079-9.2307i	2.8848-3.4202i	0.5113-0.3260i	0.0372-0.4263i	-0.5436+0.1156i	0.1616+0.8518i
60.2	-3.7119-3.0043i	2.5755+1.9409i	4.5751-4.2939i	2.2025-1.4639i	0.4102-0.3314i	0.0446-0.2680i	-0.5084+0.1460i	0.2036+0.7939i
60.3	-3.5529-2.7400i	2.6308+1.7215i	4.2627-3.9862i	1.8300-1.7827i	0.3988-0.3068i	0.2022-0.1785i	-0.4734+0.1665i	0.2281+0.7073i
60.4	-3.3809-2.3289i	2.5720+1.4407i	3.9390-3.7654i	1.3123-1.7067i	0.3189-0.3591i	0.2739-0.0937i	-0.4582+0.2502i	0.2846+0.5083i
60.5	-3.2156-2.0167i	2.6166+1.0858i	3.8970-3.6215i	0.7885-1.6136i	0.2764-0.4094i	0.3233-0.0609i	-0.3939+0.3204i	0.2841+0.3720i
60.6	-3.2001-1.8360i	2.5752+0.8946i	3.7253-3.4484i	0.9587-1.6024i	0.2536-0.3512i	0.3754-0.1052i	-0.2674+0.3677i	0.2023+0.4098i
60.7	-2.9432-1.7189i	2.4288+0.7425i	3.4563-3.1082i	1.0725-1.2654i	0.2576-0.3068i	0.4231-0.1272i	-0.1392+0.2922i	0.1277+0.4384i
60.8	-2.7939-1.7691i	2.4984+0.8290i	3.4967-2.7836i	0.9713-1.3213i	0.3021-0.3331i	0.3801-0.2296i	-0.0697+0.1914i	0.0788+0.4744i
60.9	-2.6874-1.4760i	2.3756+0.5289i	3.4010-2.9694i	1.0216-1.2147i	0.2619-0.3522i	0.3458-0.2803i	-0.0696+0.0758i	0.2094+0.5265i
61.0	-2.4211-1.4571i	2.2778+0.5249i	3.3935-2.6242i	0.9801-1.1404i	0.2641-0.2979i	0.3973-0.2696i	-0.1088+0.0949i	0.2739+0.4196i
61.1	-2.2313-1.3535i	2.2208+0.4384i	3.4185-2.4963i	0.7521-1.1249i	0.2348-0.3312i	0.4174-0.1953i	-0.1775+0.1204i	0.3973+0.3125i
61.2	-2.0964-1.3443i	2.1712+0.4013i	3.3539-2.4091i	0.6138-1.0957i	0.2368-0.3470i	0.3956-0.2309i	-0.1169+0.1038i	0.3479+0.2611i
61.3	-2.0576-1.2829i	2.1510+0.3692i	3.3559-2.2105i	0.9426-1.3455i	0.1930-0.3087i	0.3077-0.2726i	-0.0819+0.1036i	0.3117+0.2898i
61.4	-1.8918-1.0889i	2.1472+0.1426i	3.5104-2.0692i	0.4656-1.2929i	0.1945-0.3256i	0.3667-0.0597i	-0.1586+0.0650i	0.4088+0.2735i
61.5	-1.8772-1.1756i	2.3064+0.0905i	3.7466-1.9015i	0.4871-1.5875i	0.2425-0.3101i	0.4332+0.0213i	-0.1000+0.0913i	0.3990+0.1069i
61.6	-1.5620-1.1333i	2.1296+0.0330i	3.7140-1.9052i	0.1842-1.3815i	0.2121-0.2950i	0.4563-0.0863i	-0.0690+0.0643i	0.2797+0.0983i
61.7	-1.3956-1.2508i	2.0718+0.1005i	3.7498-1.7449i	0.0527-1.2384i	0.2185-0.3042i	0.5436-0.1529i	-0.0182+0.0273i	0.2357+0.0611i
61.8	-1.3571-1.5061i	2.2641+0.2660i	3.9971-1.2589i	0.3993-1.1662i	0.2564-0.3215i	0.6133-0.0382i	-0.0052+0.0331i	0.2477-0.0210i
61.9	-1.5263-1.4273i	2.4450+0.0866i	4.2840-1.2649i	0.3573-1.5403i	0.2580-0.3645i	0.7234+0.0476i	0.0514+0.0144i	0.1849-0.0516i
62.0	-1.3563-1.4559i	2.3254+0.0698i	4.1574-1.3003i	0.3846-1.3513i	0.2535-0.3566i	0.8223-0.0659i	0.0946-0.0087i	0.0428-0.0598i
62.1	-1.1978-1.4892i	2.2413-0.0285i	4.2799-1.3595i	0.0715-1.4796i	0.2337-0.4468i	0.8343-0.1129i	0.1059-0.0918i	-0.0250-0.0192i
62.2	-1.2462-1.4503i	2.2480-0.2205i	4.5398-1.5522i	-0.0098-1.7194i	0.2376-0.5170i	0.9384-0.0992i	0.0524-0.1415i	0.0017-0.0538i
62.3	-1.2291-1.6580i	2.3546-0.2137i	4.7310-1.4346i	0.1494-1.8696i	0.3101-0.5254i	0.9905-0.1059i	0.0641-0.2317i	-0.0699+0.0003i

62.4	-1.1047-1.7640i	2.3903-0.2582i	4.9065-1.3564i	-0.1426-1.7219i	0.3565-0.5757i	1.0840-0.2333i	0.0281-0.2769i	-0.0887+0.0647i
62.5	-1.0639-1.8271i	2.3708-0.4095i	5.1907-1.5772i	-0.2907-1.6298i	0.2954-0.6405i	1.1873-0.3737i	-0.0639-0.3362i	-0.0356+0.1394i
62.6	-1.2739-1.8601i	2.5144-0.5406i	5.4952-1.8050i	-0.3380-1.7558i	0.2153-0.7116i	1.1563-0.3654i	-0.1421-0.3488i	0.0305+0.1271i
62.7	-1.3249-1.8951i	2.5144-0.7064i	5.7092-1.9671i	-0.7301-1.9146i	0.2344-0.8411i	1.1385-0.5817i	-0.2482-0.3497i	0.0939+0.1380i
62.8	-1.3275-1.9772i	2.4732-0.8634i	5.8398-2.1536i	-0.9196-1.9958i	0.2047-0.9038i	1.2438-0.6561i	-0.2923-0.3500i	0.1015+0.1389i
62.9	-1.5489-2.0765i	2.5374-1.0212i	6.0755-2.4957i	-0.9250-1.9115i	0.1434-0.9812i	1.2742-0.7444i	-0.3689-0.3063i	0.2022+0.1317i
63.0	-1.5162-2.0475i	2.4424-1.1610i	6.1253-2.7973i	-1.0786-1.7744i	0.0237-1.0282i	1.2400-0.8600i	-0.4070-0.2722i	0.2118+0.1573i
63.1	-1.4476-1.9919i	2.3023-1.2702i	6.1182-3.0603i	-1.0679-1.6514i	-0.0460-1.0749i	1.1423-1.0411i	-0.4282-0.2248i	0.2370+0.0979i
63.2	-1.4748-1.8618i	2.1740-1.4144i	6.0187-3.3781i	-1.2533-1.5932i	-0.1727-1.1251i	1.1028-1.2350i	-0.4246-0.1820i	0.1581+0.0788i
63.3	-1.5117-1.7728i	2.0260-1.6005i	5.9073-3.8564i	-1.8831-1.2816i	-0.3794-1.1472i	1.1439-1.3365i	-0.5052-0.0726i	0.1942-0.0400i
63.4	-1.6394-1.7039i	1.9332-1.7630i	5.8416-4.1713i	-1.8500-1.1868i	-0.4975-1.1384i	1.0761-1.4519i	-0.4713-0.0250i	0.1284-0.1498i
63.5	-1.6064-1.6994i	1.7201-1.8017i	5.6024-4.4457i	-1.7741-1.1057i	-0.5912-1.0921i	0.9218-1.5630i	-0.4075+0.0159i	0.1392-0.1841i
63.6	-1.5979-1.6760i	1.5606-1.8478i	5.4259-4.6642i	-2.0607-0.9869i	-0.6890-1.0232i	0.7716-1.6172i	-0.4113+0.0371i	0.1186-0.2120i
63.7	-1.6465-1.5475i	1.4492-2.0078i	5.2434-4.9879i	-2.3429-0.7993i	-0.8006-0.9316i	0.7275-1.6284i	-0.3855+0.0832i	0.0996-0.2770i
63.8	-1.5751-1.4935i	1.2440-2.0584i	4.9874-5.2331i	-2.5406-0.7910i	-0.8818-0.9177i	0.4634-1.7667i	-0.3477+0.0863i	0.0409-0.2469i
63.9	-1.5641-1.4438i	1.0538-2.0917i	4.8019-5.3650i	-2.4317-0.6962i	-0.9616-0.8672i	0.2505-1.8299i	-0.2801+0.0070i	-0.0131-0.2281i
64.0	-1.5410-1.5127i	0.9534-2.0536i	4.5999-5.4978i	-2.1365-0.2054i	-1.0473-0.7540i	0.1346-1.8623i	-0.1949+0.0405i	-0.0180-0.2911i
64.1	-1.5543-1.5327i	0.8498-1.9797i	4.2309-5.5680i	-1.9882+0.2103i	-1.1085-0.6039i	-0.0774-1.7071i	-0.1703+0.0986i	-0.0389-0.3507i
64.2	-1.5932-1.3682i	0.7392-1.9573i	3.9703-5.5991i	-2.0933+0.1852i	-1.1065-0.4585i	-0.2561-1.5687i	-0.1986+0.0711i	-0.0707-0.3764i
64.3	-1.5403-1.3000i	0.6163-1.9562i	3.7650-5.6290i	-2.1257+0.4222i	-1.0819-0.3527i	-0.3415-1.4566i	-0.1078+0.0290i	-0.1645-0.3277i
64.4	-1.4968-1.3268i	0.4474-1.8663i	3.4079-5.6267i	-1.8952+0.6913i	-1.0030-0.2621i	-0.4469-1.3780i	-0.0672-0.0667i	-0.2859-0.2691i
64.5	-1.5664-1.5393i	0.4270-1.6916i	3.2025-5.7286i	-1.4554+1.0263i	-0.9331-0.1507i	-0.4475-1.2144i	-0.0509-0.1056i	-0.3593-0.1898i
64.6	-1.4288-1.5068i	0.2635-1.6347i	2.9901-5.7149i	-1.4949+1.2415i	-0.8791-0.0909i	-0.4477-1.2023i	-0.0928-0.1441i	-0.3504-0.1155i
64.7	-1.4600-1.4313i	0.1953-1.5853i	2.7144-5.7423i	-1.5583+1.2206i	-0.8443-0.0911i	-0.5229-1.1386i	-0.1123-0.2074i	-0.3756-0.0330i
64.8	-1.5613-1.4437i	0.2522-1.6118i	2.6589-5.7560i	-1.2514+1.1922i	-0.7895-0.1557i	-0.5244-1.1248i	-0.0989-0.2617i	-0.3583-0.0154i
64.9	-1.4883-1.4038i	0.1649-1.5807i	2.4803-5.7835i	-1.0049+1.2592i	-0.7813-0.1947i	-0.5261-1.0347i	-0.1428-0.3656i	-0.2998+0.0500i
65.0	-1.5522-1.3867i	0.1298-1.5596i	2.2050-5.7585i	-0.7202+1.3493i	-0.7503-0.2485i	-0.6708-0.9853i	-0.2561-0.4217i	-0.2792+0.0860i
65.1	-1.5417-1.3686i	0.0737-1.4941i	1.9607-5.6568i	-0.6113+1.3258i	-0.7707-0.2616i	-0.6934-0.9284i	-0.3682-0.4105i	-0.2674+0.0364i
65.2	-1.5920-1.3503i	0.0432-1.4413i	1.6485-5.6571i	-0.3575+1.2598i	-0.8249-0.2579i	-0.6573-0.8967i	-0.4643-0.3791i	-0.2134-0.0348i
65.3	-1.6505-1.3109i	0.0052-1.4025i	1.5188-5.5069i	-0.2200+1.0493i	-0.8779-0.2194i	-0.6714-0.7986i	-0.5796-0.3491i	-0.1907-0.0690i
65.4	-1.6740-1.2938i	0.0329-1.3564i	1.4474-5.3442i	-0.0599+0.9867i	-0.8913-0.1614i	-0.6741-0.6576i	-0.6048-0.2919i	-0.2141-0.0739i
65.5	-1.7317-1.2093i	0.0440-1.3883i	1.3437-5.2863i	0.0429+0.8704i	-0.9398-0.1283i	-0.6277-0.4699i	-0.5639-0.2565i	-0.2571-0.1003i
65.6	-1.7105-1.1270i	0.0234-1.3554i	1.1975-5.1734i	0.1312+0.8286i	-0.9275-0.0705i	-0.6221-0.3430i	-0.5952-0.3067i	-0.2831-0.0683i
65.7	-1.7117-1.1318i	0.0225-1.2700i	1.0146-5.0234i	0.2257+0.8661i	-0.8815-0.0517i	-0.5130-0.2747i	-0.6584-0.2885i	-0.3042-0.0708i
65.8	-1.7510-1.1188i	-0.0337-1.2461i	0.8711-4.9496i	0.2277+0.4956i	-0.9248-0.0552i	-0.4428-0.2736i	-0.7750-0.2081i	-0.3236-0.0520i
65.9	-1.6924-0.9919i	-0.1440-1.3066i	0.7804-4.9011i	0.1638+0.3109i	-1.0030-0.0703i	-0.3547-0.2758i	-0.8727-0.1334i	-0.3190-0.0300i
66.0	-1.7608-0.8540i	-0.1088-1.3103i	0.6095-4.6711i	0.1513+0.1196i	-1.0153-0.0274i	-0.3438-0.3477i	-0.8581-0.0175i	-0.3596+0.0148i
66.1	-1.6218-0.8583i	-0.1583-1.2338i	0.6565-4.5591i	-0.0374+0.0326i	-1.0272+0.0137i	-0.2821-0.3207i	-0.8516+0.0478i	-0.3248+0.0130i
66.2	-1.5166-0.8276i	-0.2712-1.1709i	0.6093-4.4770i	-0.1388-0.1197i	-1.0758+0.0605i	-0.2447-0.3828i	-0.8862+0.1764i	-0.3471+0.0117i
66.3	-1.5772-0.8935i	-0.2250-1.1539i	0.5560-4.4414i	-0.0160-0.0642i	-1.1078+0.1316i	-0.2724-0.3763i	-0.8572+0.2541i	-0.3375+0.0139i
66.4	-1.5170-0.8172i	-0.2809-1.1862i	0.4885-4.3379i	0.0272-0.0898i	-1.1346+0.2126i	-0.2548-0.3666i	-0.7865+0.2877i	-0.3676+0.0154i
66.5	-1.4441-0.7276i	-0.3281-1.1920i	0.5027-4.1577i	-0.1753-0.0842i	-1.1320+0.2480i	-0.2860-0.3786i	-0.7056+0.2910i	-0.4081+0.0920i
66.6	-1.4574-0.6720i	-0.3414-1.1803i	0.4708-4.1370i	-0.4807-0.1172i	-1.1266+0.3131i	-0.2997-0.4609i	-0.6712+0.3414i	-0.4344+0.0895i
66.7	-1.4412-0.6828i	-0.3599-1.1470i	0.3893-4.0471i	-0.4386-0.0867i	-1.0941+0.3974i	-0.2959-0.4538i	-0.6028+0.3732i	-0.4326+0.1236i
66.8	-1.3799-0.5893i	-0.3874-1.1207i	0.3565-3.9072i	-0.5756+0.0032i	-1.0247+0.4804i	-0.3058-0.4934i	-0.5396+0.3900i	-0.4337+0.1656i
66.9	-1.3785-0.5593i	-0.3468-1.0973i	0.3435-3.7752i	-0.6979-0.0194i	-0.9814+0.4740i	-0.3955-0.5082i	-0.4596+0.3517i	-0.4266+0.2030i
67.0	-1.2884-0.6022i	-0.4980-1.0206i	0.2605-3.7883i	-0.6048-0.2206i	-0.9878+0.5626i	-0.4176-0.3697i	-0.4858+0.3629i	-0.3620+0.2056i
67.1	-1.2848-0.4756i	-0.5309-1.0893i	0.2860-3.7601i	-0.6266-0.2129i	-0.9276+0.5777i	-0.4424-0.3434i	-0.4359+0.3847i	-0.3656+0.1764i
67.2	-1.2847-0.4631i	-0.4842-1.0706i	0.2361-3.5602i	-0.7126+0.0535i	-0.8202+0.6543i	-0.4089-0.3666i	-0.3514+0.3951i	-0.4336+0.1922i
67.3	-1.2566-0.4746i	-0.4861-0.9867i	0.1418-3.4726i	-0.9395+0.1419i	-0.7640+0.6944i	-0.4772-0.2594i	-0.3322+0.3924i	-0.4425+0.2407i
67.4	-1.2330-0.4835i	-0.4819-0.9190i	0.1346-3.3637i	-0.8885+0.1802i	-0.7019+0.7306i	-0.4857-0.1474i	-0.3411+0.3671i	-0.4024+0.2566i
67.5	-1.2247-0.4363i	-0.5397-0.9285i	0.1496-3.2286i	-0.7357+0.1710i	-0.6352+0.7223i	-0.3794-0.1821i	-0.2902+0.3550i	-0.4160+0.2716i
67.6	-1.1198-0.4223i	-0.6246-0.9127i	0.1485-3.1599i	-0.9135+0.3882i	-0.6952+0.6909i	-0.3734-0.1009i	-0.2628+0.2530i	-0.4594+0.3286i
67.7	-0.9516-0.4380i	-0.6476-0.8178i	0.2643-2.9781i	-1.0155+0.4890i	-0.6220+0.6824i	-0.3194-0.0568i	-0.2635+0.2294i	-0.4669+0.3767i
67.8	-0.8869-0.4349i	-0.6926-0.7485i	0.3639-2.7988i	-1.1333+0.4962i	-0.5772+0.6743i	-0.2597-0.0276i	-0.2861+0.1829i	-0.4885+0.4150i
67.9	-0.8726-0.4314i	-0.7057-0.7297i	0.5124-2.7414i	-1.0874+0.4490i	-0.5237+0.5851i	-0.2025-0.0576i	-0.3155+0.1039i	-0.4314+0.4656i
68.0	-0.8581-0.4181i	-0.6774-0.7516i	0.6379-2.5364i	-1.1204+0.7434i	-0.4561+0.5006i	-0.0787-0.0435i	-0.3497+0.0631i	-0.3963+0.5195i
68.1	-0.7978-0.4098i	-0.7401-0.7206i	0.7305-2.4253i	-1.2056+0.7836i	-0.5275+0.4656i	-0.0573-0.0744i	-0.3833+0.0587i	-0.3682+0.5337i
68.2	-0.7423-0.5277i	-0.7018-0.5948i	0.9626-2.5153i	-0.9524+0.8381i	-0.5755+0.5151i	-0.0243-0.1464i	-0.4551+0.1096i	-0.3222+0.5675i
68.3	-0.6151-0.5656i	-0.7271-0.5331i	1.2682-2.4423i	-0.8221+0.9789i	-0.6108+0.5381i	0.0522-0.1926i	-0.5152+0.1858i	-0.3032+0.5785i
68.4	-0.6003-0.5334i	-0.7529-0.5526i	1.4336-2.4316i	-0.8292+1.0475i	-0.6755+0.5155i	-0.0164-0.1745i	-0.5506+0.1747i	-0.2784+0.5820i
68.5	-0.5761-0.6367i	-0.7711-0.4563i	1.5860-2.5710i	-0.8977+1.0459i	-0.6453+0.5989i	0.0041-0.1487i	-0.5993+0.2412i	-0.2311+0.5887i
68.6	-0.6057-0.6767i	-0.7651-0.4492i	1.7830-2.7146i	-0.8967+1.1753i	-0.7343+0.6610i	-0.0707-0.1636i	-0.6456+0.3728i	-0.1530+0.5555i

68.7	-0.6784-0.7066i	-0.6783-0.4183i	1.9485-2.8052i	-0.6602+1.3953i	-0.7848+0.7082i	-0.1446-0.1051i	-0.6028+0.4676i	-0.1267+0.5276i
68.8	-0.7384-0.6935i	-0.6416-0.4013i	2.0141-2.9451i	-0.6401+1.4648i	-0.7431+0.7704i	-0.1276-0.0368i	-0.4280+0.5197i	-0.1702+0.4878i
68.9	-0.6827-0.7408i	-0.6392-0.3535i	2.2107-3.2801i	-0.5287+1.4989i	-0.6738+0.8190i	-0.1206-0.0932i	-0.2735+0.5143i	-0.2059+0.5344i
69.0	-0.6849-0.7862i	-0.6070-0.2698i	2.4042-3.5863i	-0.4132+1.4659i	-0.5854+0.8329i	-0.0573-0.1528i	-0.2775+0.4246i	-0.1820+0.6045i
69.1	-0.6782-0.7781i	-0.6289-0.2497i	2.4512-3.8337i	-0.3828+1.4326i	-0.5002+0.8673i	-0.0258-0.1809i	-0.2662+0.3883i	-0.1461+0.6267i
69.2	-0.7171-0.7619i	-0.6899-0.2590i	2.2537-4.1244i	-0.2245+1.3846i	-0.4294+0.8418i	-0.0135-0.1880i	-0.2383+0.3609i	-0.0985+0.5693i
69.3	-0.8018-0.7150i	-0.6718-0.2098i	2.2130-4.2712i	-0.2529+1.4827i	-0.3769+0.8269i	0.0505-0.2075i	-0.1751+0.3316i	-0.1255+0.5420i
69.4	-0.8862-0.6119i	-0.5763-0.1833i	2.1290-4.5381i	-0.1633+1.6213i	-0.3442+0.7964i	0.0958-0.2006i	-0.2228+0.2965i	-0.0911+0.5810i
69.5	-0.8336-0.5649i	-0.5343-0.1880i	1.9046-4.7111i	0.0976+1.5147i	-0.4114+0.7951i	0.0243-0.2927i	-0.1807+0.2369i	-0.1151+0.6492i
69.6	-0.6359-0.5525i	-0.5861-0.1943i	1.7221-5.0675i	0.1615+1.1898i	-0.4685+0.8879i	-0.0360-0.3057i	-0.1828+0.1396i	-0.1031+0.7162i
69.7	-0.5755-0.5259i	-0.5282-0.1888i	1.5738-5.1407i	0.1175+1.0902i	-0.4529+0.8581i	-0.1173-0.2583i	-0.2199+0.1107i	-0.0790+0.7100i
69.8	-0.5893-0.5349i	-0.5066-0.2170i	1.3320-5.1962i	0.1144+1.1498i	-0.4237+0.9239i	-0.1000-0.1569i	-0.2714+0.0869i	-0.0617+0.7019i
69.9	-0.5423-0.5317i	-0.5422-0.2514i	1.0119-5.4684i	0.3288+1.2961i	-0.3581+1.0339i	-0.0160-0.1405i	-0.3432+0.0626i	-0.0219+0.7407i
70.0	-0.4162-0.5868i	-0.4223-0.1355i	0.9040-5.5825i	0.4822+1.2436i	-0.3142+1.0591i	0.0210-0.1445i	-0.4122+0.0313i	0.0322+0.7916i
70.1	-0.4436-0.6906i	-0.4106-0.0882i	0.5688-5.5058i	0.3659+1.0755i	-0.2129+1.1111i	0.0353-0.1471i	-0.5038+0.0342i	0.1283+0.8412i
70.2	-0.3856-0.7454i	-0.3884-0.2000i	0.4331-5.4903i	0.3656+1.1028i	-0.1376+1.0718i	0.1494-0.2079i	-0.5514+0.0344i	0.1833+0.8723i
70.3	-0.4326-0.6783i	-0.3502-0.2646i	0.1998-5.5898i	0.4335+1.3400i	-0.0640+1.0121i	0.2015-0.3210i	-0.5597+0.0864i	0.2073+0.8299i
70.4	-0.3300-0.6737i	-0.4137-0.2406i	-0.1281-5.5435i	0.5086+1.4534i	0.0955+0.9859i	0.2269-0.4034i	-0.5848+0.1464i	0.3190+0.8106i
70.5	-0.2843-0.7731i	-0.4201-0.1823i	-0.2983-5.4049i	0.5330+1.2297i	0.1014+0.9419i	0.1852-0.3782i	-0.5584+0.1362i	0.3331+0.8137i
70.6	-0.2755-0.8285i	-0.4604-0.2332i	-0.5167-5.3512i	0.7413+1.2335i	0.0707+0.9229i	0.0601-0.4048i	-0.6314+0.1758i	0.4033+0.7727i
70.7	-0.3188-0.7742i	-0.5334-0.2857i	-0.7066-5.3326i	0.7931+1.2286i	0.1097+0.9521i	0.0692-0.4236i	-0.6769+0.1917i	0.4504+0.7779i
70.8	-0.4307-0.7406i	-0.4603-0.2224i	-0.8379-5.0241i	0.6016+1.0260i	0.1880+0.8920i	0.1085-0.4074i	-0.6847+0.2697i	0.4909+0.6983i
70.9	-0.4583-0.8114i	-0.4220-0.2112i	-0.9876-4.9485i	0.6054+1.0326i	0.2221+0.8490i	0.0728-0.3908i	-0.7732+0.3152i	0.5917+0.6449i
71.0	-0.4077-0.6559i	-0.4161-0.2615i	-0.9969-4.8959i	0.7583+1.1232i	0.2410+0.7960i	0.0285-0.3935i	-0.7925+0.3241i	0.6314+0.6204i
71.1	-0.2766-0.7326i	-0.4295-0.2386i	-1.0430-4.7022i	0.8299+1.1500i	0.2880+0.7318i	0.0088-0.4034i	-0.7866+0.3665i	0.6526+0.5637i
71.2	-0.2371-0.8612i	-0.4393-0.1971i	-1.1999-4.6059i	1.0297+1.0164i	0.2577+0.6612i	-0.0204-0.4029i	-0.7755+0.5389i	0.6627+0.4357i
71.3	-0.1669-0.7798i	-0.4700-0.2553i	-1.2536-4.6299i	1.0797+0.8605i	0.2891+0.6174i	-0.0065-0.3884i	-0.7577+0.5963i	0.6857+0.3689i
71.4	-0.2588-0.7251i	-0.4809-0.2431i	-1.2877-4.4818i	0.9705+0.7472i	0.3160+0.6135i	0.0340-0.3578i	-0.7847+0.6193i	0.6959+0.3259i
71.5	-0.3899-0.6903i	-0.4393-0.2199i	-1.2991-4.2957i	0.8491+0.7635i	0.3004+0.5883i	0.0347-0.3360i	-0.7896+0.6578i	0.6797+0.2908i
71.6	-0.3786-0.7260i	-0.4431-0.2024i	-1.3301-4.2149i	0.9165+0.7561i	0.2879+0.5632i	0.0520-0.3844i	-0.7174+0.7701i	0.6483+0.1992i
71.7	-0.1762-0.8114i	-0.5026-0.1823i	-1.3343-4.1277i	1.0623+0.6316i	0.2548+0.5200i	0.0586-0.4037i	-0.7128+0.7932i	0.6583+0.1522i
71.8	-0.1692-0.7154i	-0.4848-0.1937i	-1.3694-4.0557i	0.9514+0.8031i	0.2508+0.5075i	0.0031-0.3431i	-0.6944+0.7869i	0.6607+0.1958i
71.9	-0.1895-0.7170i	-0.4836-0.2347i	-1.4768-4.0188i	0.9158+0.8584i	0.2598+0.4683i	0.0466-0.3791i	-0.6621+0.8713i	0.6677+0.1692i
72.0	-0.1055-0.8620i	-0.4909-0.2138i	-1.4522-3.9777i	1.1332+0.7198i	0.2167+0.4442i	0.0581-0.4273i	-0.5795+1.0041i	0.6294+0.1124i
72.1	0.0523-0.8945i	-0.5245-0.1999i	-1.3936-3.9266i	1.1743+0.5868i	0.1553+0.3790i	-0.0208-0.4781i	-0.5727+1.0154i	0.6389+0.0690i
72.2	-0.1237-0.8171i	-0.5057-0.1660i	-1.3279-3.7187i	1.0537+0.5431i	0.1982+0.4277i	-0.0235-0.3888i	-0.4662+0.9462i	0.5719+0.0706i
72.3	0.0581-0.6753i	-0.5014-0.1505i	-1.2891-3.7453i	1.0586+0.6097i	0.1942+0.4140i	-0.0093-0.4281i	-0.3694+0.9109i	0.5051+0.0734i
72.4	0.1306-0.7570i	-0.5037-0.1391i	-1.2848-3.6912i	1.1217+0.5692i	0.1836+0.4106i	0.0571-0.4384i	-0.3660+1.0237i	0.5093-0.0215i
72.5	0.1557-0.7634i	-0.5382-0.1712i	-1.2261-3.5310i	1.1279+0.5788i	0.1685+0.3734i	0.0560-0.4710i	-0.3168+0.9932i	0.4496-0.0307i
72.6	0.2645-0.6471i	-0.5393-0.2014i	-1.2101-3.4845i	1.1722+0.7138i	0.1491+0.3700i	0.0395-0.5160i	-0.2595+0.9361i	0.4349+0.0335i
72.7	0.0775-0.5950i	-0.5015-0.1551i	-1.2324-3.4574i	1.1319+0.6529i	0.1550+0.3964i	0.0939-0.5028i	-0.2966+0.9322i	0.4516+0.0481i
72.8	-0.0385-0.6394i	-0.4994-0.1570i	-1.2647-3.3539i	1.0803+0.6345i	0.1696+0.4264i	0.0786-0.4371i	-0.2060+0.9193i	0.4221+0.0121i
72.9	0.0622-0.9719i	-0.5433-0.1130i	-1.2613-3.3735i	1.1447+0.3093i	0.1572+0.4690i	-0.0362-0.4499i	-0.1610+0.9842i	0.4325-0.0129i
73.0	0.2021-1.0775i	-0.5449-0.0708i	-1.1272-3.4208i	1.0899+0.3262i	0.1239+0.4651i	-0.0265-0.4479i	-0.2230+0.9823i	0.4689-0.0428i
73.1	0.5420-1.0437i	-0.5845-0.1564i	-1.1128-3.4254i	1.3464+0.4230i	0.0801+0.4338i	-0.0046-0.4987i	-0.2389+0.9638i	0.4857-0.0322i
73.2	0.7171-1.1635i	-0.6105-0.1701i	-1.1151-3.5002i	1.4132+0.3582i	0.0965+0.4011i	0.0102-0.5569i	-0.1988+0.9924i	0.4918-0.0336i
73.3	0.5852-1.1736i	-0.5705-0.1509i	-0.9860-3.4909i	1.1934+0.3943i	0.1389+0.3998i	-0.0318-0.5857i	-0.1344+0.9903i	0.4205-0.0407i
73.4	0.5465-1.3772i	-0.5794-0.1114i	-0.9752-3.4624i	1.2570+0.3223i	0.0931+0.3990i	-0.0549-0.5667i	-0.1144+0.9991i	0.3704-0.0880i
73.5	0.7752-1.4322i	-0.6552-0.0692i	-0.9283-3.4316i	1.5239+0.1942i	0.0642+0.3657i	-0.0777-0.6689i	-0.0685+0.9657i	0.3454-0.0809i
73.6	0.8633-1.5766i	-0.6339-0.0601i	-0.8443-3.3753i	1.4818+0.1272i	-0.0228+0.3607i	-0.1084-0.5898i	-0.0614+0.9515i	0.3634-0.1103i
73.7	0.7797-1.7556i	-0.6260-0.0235i	-0.7999-3.4935i	1.1995+0.0956i	-0.0711+0.4133i	-0.1546-0.5814i	-0.0663+1.0052i	0.4159-0.1284i
73.8	0.7947-1.7456i	-0.6439-0.0644i	-0.8108-3.7212i	1.3918+0.2099i	-0.0379+0.4866i	-0.1704-0.5696i	-0.1402+1.1094i	0.4283-0.1269i
73.9	0.8234-1.8987i	-0.6567-0.0214i	-0.8110-3.6871i	1.4639-0.0388i	-0.0327+0.5198i	-0.2499-0.4813i	-0.1235+1.0870i	0.4540-0.1055i
74.0	0.8325-1.9281i	-0.6322+0.0419i	-0.8126-3.6589i	1.4449-0.1586i	0.0286+0.5270i	-0.2574-0.4729i	-0.0919+1.0610i	0.4386-0.1236i
74.1	0.9668-1.9288i	-0.5910+0.0296i	-0.8075-3.6789i	1.4331-0.0945i	0.0740+0.5130i	-0.2109-0.5783i	-0.0025+1.1217i	0.3745-0.1969i
74.2	1.0098-2.2805i	-0.6189-0.0184i	-0.8187-3.9084i	1.3525-0.1785i	0.0389+0.5247i	-0.3073-0.5478i	0.0604+1.2045i	0.3899-0.2509i
74.3	0.9769-2.4626i	-0.6508-0.0016i	-0.8651-4.0230i	1.3227-0.3247i	0.0844+0.5076i	-0.3850-0.5013i	0.1608+1.2118i	0.3468-0.2101i
74.4	1.0314-2.6327i	-0.6759+0.0239i	-0.8181-4.2281i	1.3403-0.4743i	0.1147+0.4902i	-0.3064-0.4579i	0.2514+1.2978i	0.3188-0.2871i
74.5	0.7989-2.8075i	-0.6893+0.0938i	-0.7847-4.3168i	1.1817-0.4736i	0.1789+0.6027i	-0.1543-0.3723i	0.3070+1.2567i	0.2098-0.2828i
74.6	0.7453-2.9005i	-0.7189+0.1133i	-0.8648-4.3112i	1.1987-0.5085i	0.2058+0.6141i	-0.2125-0.3956i	0.3668+1.1569i	0.1969-0.1951i
74.7	0.9092-2.9828i	-0.6876+0.1075i	-0.7948-4.4339i	1.2941-0.5130i	0.1685+0.5145i	-0.2707-0.4543i	0.3473+1.1473i	0.2388-0.2197i
74.8	0.9626-3.2006i	-0.7091+0.0902i	-0.8008-4.6981i	1.1578-0.4507i	0.1850+0.5213i	-0.2340-0.4856i	0.3585+1.1797i	0.2099-0.2373i
74.9	0.9597-3.3912i	-0.6998+0.1205i	-0.8943-4.8068i	1.1092-0.4205i	0.2294+0.5096i	-0.1400-0.5058i	0.4904+1.1375i	0.1170-0.2162i

75.0	0.8842-3.7426i	-0.6998+0.1682i	-0.9629-5.0015i	1.1219-0.5479i	0.2064+0.5289i	-0.1792-0.5213i	0.5580+1.1674i	0.1017-0.2356i
75.1	0.7449-3.9297i	-0.7072+0.1689i	-1.1340-5.1398i	1.1186-0.6767i	0.2102+0.5004i	-0.2143-0.5143i	0.5912+1.1007i	0.0946-0.2147i
75.2	0.7289-4.0974i	-0.7779+0.1502i	-1.3128-5.2565i	1.2858-0.6884i	0.2160+0.4694i	-0.2664-0.5168i	0.6459+1.0649i	0.0537-0.1862i
75.3	0.4595-4.2530i	-0.7771+0.1689i	-1.5847-5.3535i	1.1850-0.6387i	0.2437+0.4648i	-0.2322-0.4723i	0.6363+1.0772i	0.0996-0.2090i
75.4	0.0669-4.2218i	-0.7853+0.2482i	-1.8819-5.3476i	1.0219-0.6065i	0.2890+0.4443i	-0.1427-0.4643i	0.7415+1.0503i	0.0563-0.1744i
75.5	-0.0519-4.3563i	-0.7567+0.2431i	-2.0561-5.4210i	1.0584-0.4866i	0.3147+0.4463i	-0.1426-0.4998i	0.7679+1.0046i	0.0384-0.1813i
75.6	-0.0903-4.6840i	-0.8215+0.3062i	-2.1836-5.6458i	0.9039-0.5887i	0.3093+0.4738i	-0.1600-0.5718i	0.8315+0.9536i	0.0376-0.1383i
75.7	-0.2447-4.7994i	-0.7680+0.3143i	-2.3556-5.5604i	0.8456-0.6932i	0.3024+0.4572i	-0.1429-0.5180i	0.8908+0.9308i	0.0025-0.1411i
75.8	-0.4056-4.8851i	-0.7919+0.3225i	-2.5941-5.4153i	0.8957-0.7069i	0.3584+0.4510i	-0.1963-0.5218i	0.9665+0.8737i	-0.0232-0.1141i
75.9	-0.7857-5.0363i	-0.7972+0.3685i	-2.9334-5.3644i	0.9530-0.6459i	0.4118+0.3801i	-0.2684-0.5454i	1.0339+0.7130i	-0.0159-0.0839i
76.0	-1.1183-5.1627i	-0.7642+0.3968i	-3.2321-5.3864i	0.9177-0.5687i	0.4118+0.3126i	-0.3539-0.5784i	1.0484+0.5993i	-0.0142-0.0998i
76.1	-1.3436-5.3315i	-0.8193+0.4204i	-3.3705-5.5044i	0.8152-0.4707i	0.4414+0.2630i	-0.2938-0.6226i	1.0960+0.6068i	-0.0222-0.1056i
76.2	-1.5772-5.0396i	-0.7827+0.4489i	-3.5280-5.1237i	0.8403-0.4158i	0.3806+0.1751i	-0.2108-0.6348i	1.0492+0.5140i	-0.0071-0.0404i
76.3	-2.1691-5.1620i	-0.7931+0.5754i	-3.9063-5.0191i	0.7656-0.5130i	0.3861+0.1937i	-0.2852-0.4990i	1.0601+0.4542i	-0.0151-0.0433i
76.4	-2.4277-5.3938i	-0.8263+0.5933i	-4.1133-5.0671i	0.9046-0.5994i	0.3521+0.1703i	-0.3539-0.4658i	1.0842+0.4288i	-0.0789-0.0391i
76.5	-2.3602-5.5566i	-0.7943+0.5950i	-4.0390-5.2296i	0.8545-0.5166i	0.3080+0.1440i	-0.3934-0.5302i	1.0773+0.3452i	-0.0672+0.0016i
76.6	-2.5439-5.4119i	-0.7795+0.6076i	-4.0790-5.0530i	0.8872-0.3208i	0.3122+0.0863i	-0.3665-0.5383i	1.0233+0.2545i	-0.0331-0.0011i
76.7	-3.0545-5.3016i	-0.7802+0.7185i	-4.2857-4.7413i	0.9539-0.3964i	0.2877+0.0193i	-0.3526-0.5810i	0.9583+0.1868i	-0.0234+0.0139i
76.8	-3.2915-5.5931i	-0.9064+0.9628i	-4.6315-4.8711i	1.0356-0.5638i	0.2308+0.0310i	-0.3753-0.5042i	0.9926+0.1227i	-0.0336+0.0520i
76.9	-3.6500-5.5539i	-0.8674+1.0143i	-4.8285-4.7315i	1.1591-0.6080i	0.1905+0.0168i	-0.4741-0.4797i	0.9851+0.0564i	-0.0605+0.0443i
77.0	-3.9177-5.0249i	-0.6937+0.8734i	-4.7099-4.3608i	1.1608-0.4121i	0.1198-0.0493i	-0.5152-0.5012i	0.8387-0.0450i	-0.0020+0.0763i
77.1	-4.1706-4.9818i	-0.5591+0.8535i	-4.7917-4.3324i	1.1378-0.4062i	0.0949+0.0194i	-0.4545-0.4986i	0.8287-0.0718i	-0.0529+0.0699i
77.2	-4.3294-4.7611i	-0.5537+1.0634i	-5.0148-4.2739i	1.2059-0.5886i	0.0074+0.0365i	-0.4421-0.5352i	0.8384-0.0891i	-0.0874+0.0453i
77.3	-4.7170-4.6656i	-0.7192+1.2131i	-5.1657-4.4696i	1.4050-0.7117i	-0.0462-0.0385i	-0.4149-0.5272i	0.8485-0.1170i	-0.1085+0.1029i
77.4	-5.0382-4.6319i	-0.5320+1.3245i	-5.2585-4.6199i	1.3868-0.8411i	-0.0762-0.0261i	-0.4298-0.5011i	0.7851-0.1610i	-0.1147+0.1469i
77.5	-5.1985-4.4911i	-0.4381+1.3503i	-5.4529-4.5481i	1.3489-0.8862i	-0.1270+0.0428i	-0.4392-0.6175i	0.7543-0.2222i	-0.0985+0.1828i
77.6	-5.3705-4.1797i	-0.3193+1.3405i	-5.6918-4.1825i	1.4275-0.8472i	-0.1983+0.0918i	-0.4457-0.6569i	0.6841-0.2456i	-0.0712+0.2332i
77.7	-5.6043-3.9901i	-0.2003+1.2932i	-5.8607-4.0156i	1.4786-0.8322i	-0.2735+0.1241i	-0.4549-0.5730i	0.5858-0.2082i	-0.0199+0.2249i
77.8	-5.8299-3.6212i	-0.2483+1.2974i	-6.0432-4.0062i	1.5109-1.0056i	-0.3384+0.1757i	-0.5123-0.5273i	0.5472-0.2145i	0.0266+0.2240i
77.9	-6.1497-3.2076i	-0.1767+1.4413i	-6.4901-3.9029i	1.5009-1.1965i	-0.3778+0.2625i	-0.5371-0.4733i	0.4767-0.2052i	0.0563+0.2413i
78.0	-6.5114-2.8358i	-0.1043+1.5630i	-6.5858-3.3404i	1.7059-1.5880i	-0.3462+0.3561i	-0.4747-0.5935i	0.5202-0.1994i	-0.0077+0.3214i
78.1	-6.6813-2.7073i	-0.0765+1.5201i	-6.8293-3.2691i	1.7067-1.6535i	-0.3446+0.3961i	-0.4932-0.5748i	0.4950-0.2383i	0.0110+0.4138i
78.2	-6.5588-2.4321i	0.0548+1.4819i	-6.9413-2.9743i	1.5176-1.7102i	-0.3557+0.4592i	-0.5234-0.5006i	0.4354-0.2578i	0.0367+0.4060i
78.3	-6.3101-1.9582i	0.2888+1.3923i	-6.6573-2.5009i	1.4642-1.7989i	-0.3291+0.5233i	-0.6016-0.4964i	0.3318-0.2801i	0.1485+0.4329i
78.4	-6.5735-1.7596i	0.3665+1.5380i	-6.7924-2.2793i	1.4069-2.1146i	-0.2817+0.6281i	-0.6288-0.5431i	0.3153-0.2918i	0.1871+0.4342i
78.5	-6.7853-1.6615i	0.3560+1.4847i	-6.9403-1.9729i	1.4335-2.3949i	-0.2688+0.7066i	-0.6497-0.5430i	0.2656-0.2982i	0.2376+0.4158i
78.6	-6.7592-1.3301i	0.3870+1.2547i	-7.0359-1.8003i	1.2565-2.4312i	-0.2345+0.7507i	-0.7000-0.4534i	0.2249-0.2581i	0.3367+0.3769i
78.7	-6.7461-0.8320i	0.6729+1.1556i	-7.0818-1.6323i	0.9865-2.5656i	-0.1879+0.8068i	-0.7251-0.3852i	0.1961-0.1854i	0.3751+0.3190i
78.8	-6.6392-0.1828i	0.6862+0.9726i	-6.9547-1.2068i	0.6701-2.5751i	-0.0842+0.8310i	-0.6892-0.4230i	0.1643-0.1892i	0.3773+0.3485i
78.9	-6.1893+0.3183i	0.6449+0.8425i	-6.7581-0.9561i	0.4333-2.3752i	-0.0200+0.8148i	-0.6415-0.4808i	0.1557-0.2013i	0.3964+0.3743i
79.0	-5.6812-0.0664i	0.3464+0.9462i	-6.7888-0.9706i	0.7334-2.1237i	0.0024+0.8502i	-0.6307-0.5160i	0.0899-0.1622i	0.4563+0.3524i
79.1	-5.6651-0.5636i	0.1943+1.0683i	-6.6713-0.7948i	0.9255-2.4310i	-0.0015+0.8370i	-0.7443-0.4243i	0.0833-0.0883i	0.4740+0.2645i
79.2	-5.7663-0.3284i	0.4038+0.9096i	-6.6633-0.5775i	0.7089-2.5057i	-0.0054+0.7569i	-0.7989-0.3360i	0.1072-0.0027i	0.4836+0.2033i
79.3	-5.9748-0.1704i	0.4465+0.9679i	-6.7330-0.5050i	0.6242-2.7296i	0.0437+0.7392i	-0.7968-0.4425i	0.1214-0.0346i	0.4540+0.2350i
79.4	-5.9719+0.0538i	0.3547+0.9120i	-6.7989-0.5935i	0.3330-2.8322i	0.0842+0.7623i	-0.8357-0.5506i	0.1140-0.0504i	0.4255+0.2475i
79.5	-5.9984+0.2974i	0.5359+0.8307i	-6.7875-0.0935i	0.0133-2.6580i	0.0706+0.7776i	-0.8380-0.5079i	0.1633-0.0057i	0.3987+0.2312i
79.6	-6.1713+0.5113i	0.6890+0.9372i	-6.8040+0.2818i	-0.1359-2.7161i	0.1237+0.8549i	-0.8541-0.3718i	0.1656+0.0005i	0.3940+0.1826i
79.7	-6.0185+0.7297i	0.6618+1.0654i	-6.6488+0.3625i	-0.3742-2.7240i	0.2164+0.8847i	-0.8320-0.3226i	0.1377-0.0269i	0.3997+0.1921i
79.8	-5.9852+0.9910i	0.7617+0.9976i	-6.5824+0.5063i	-0.4824-2.7578i	0.2516+0.9402i	-0.8201-0.3112i	0.1562-0.0484i	0.4273+0.2369i
79.9	-5.9624+1.2739i	0.6753+0.9560i	-6.5258+0.7432i	-0.4965-2.8481i	0.2858+0.9594i	-0.8557-0.2577i	0.1498-0.0535i	0.4300+0.2278i
80.0	-5.6286+1.4145i	0.6848+0.9972i	-6.3381+0.8766i	-0.8219-2.6881i	0.3505+0.9332i	-0.8554-0.2163i	0.1130-0.0812i	0.4690+0.1403i

2.1.23 Run 2 – IP270-200 – Accels 33–40

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	7.6322+0.0000i	2.3952+0.0000i	-4.9632+0.0000i	-6.6603+0.0000i	16.8215+0.0000i	5.7559+0.0000i	11.1765+0.0000i	5.1421+0.0000i
0.1	7.1208+0.7159i	2.0214+0.2490i	-4.5454+0.8852i	-6.9610+0.2807i	13.9969+1.2524i	4.9599+1.4979i	10.5977-0.1970i	4.8643+0.0124i
0.2	0.7050-1.3779i	0.7003+1.4088i	0.6323-0.5337i	0.8727-3.1159i	-2.3431-3.9058i	-4.4691-4.8489i	1.5313-0.6851i	-1.4400-0.0812i
0.3	-1.3759+0.4531i	-0.0329+0.8572i	0.6051-0.0069i	-2.4710-0.7783i	-0.6326+0.8850i	-0.6866-2.6385i	0.4483-0.8664i	-0.3656-1.0567i
0.4	-0.5724-0.3208i	0.9822-0.2466i	0.0565+0.1800i	-0.8608+0.2626i	1.4104+2.3900i	1.3588-0.5971i	0.3125-0.3264i	0.8104+0.8697i
0.5	-0.4090+0.0268i	-0.0264-0.1149i	0.3150+0.0680i	-0.3253+0.3582i	0.5873+0.0952i	0.9160-1.0058i	0.1767-0.2381i	0.2683+0.4805i
0.6	-0.0988+0.2095i	0.0200+0.0721i	0.0101+0.0413i	-0.1793-0.0115i	0.1901+0.0277i	-0.0635-0.1911i	-0.0643+0.0685i	-0.0210+0.0855i
0.7	-0.0182+0.0023i	0.0677+0.0191i	0.0018+0.0005i	-0.0646+0.0028i	0.1180-0.2446i	-0.1367-0.0536i	-0.0096+0.0170i	-0.0419+0.0699i
0.8	0.0219+0.0013i	0.1244+0.0234i	0.0009+0.0027i	0.0184+0.0149i	0.1978-0.0489i	-0.0247-0.0110i	0.0128-0.0016i	-0.0563+0.0123i
0.9	0.0015-0.0063i	0.1546+0.0242i	-0.0018-0.0004i	0.0060-0.0063i	0.1374-0.0559i	0.0064-0.0037i	-0.0092+0.0070i	-0.0661+0.0084i
1.0	0.0105+0.0003i	0.1798+0.0245i	-0.0052-0.0016i	0.0148-0.0130i	0.0935+0.0312i	-0.0031+0.0008i	0.0027+0.0078i	-0.0643+0.0325i
1.1	0.0102+0.0033i	0.2516+0.0222i	-0.0050-0.0013i	0.0215-0.0211i	0.2332+0.0684i	-0.0096+0.0015i	0.0082-0.0028i	-0.0840+0.0457i
1.2	-0.0058+0.0004i	0.3202+0.0217i	0.0050+0.0011i	0.0339-0.0306i	0.2657+0.0637i	-0.0061-0.0005i	0.0057-0.0054i	-0.1229+0.0540i
1.3	-0.0084+0.0415i	0.4556+0.0903i	0.0080+0.0021i	0.0030-0.0719i	0.4040+0.2469i	-0.0069-0.0004i	0.0061-0.0015i	-0.1195+0.1076i
1.4	0.1223+0.0395i	1.0190+0.0062i	0.0076+0.0020i	-0.1534-0.0309i	1.3541+0.0741i	-0.0083+0.0002i	0.0120-0.0085i	-0.0537+0.1082i
1.5	0.1754-0.1029i	1.4377-0.5931i	0.0090+0.0013i	-0.1822+0.1505i	1.8408-0.9845i	-0.0136-0.0029i	0.0076-0.0219i	-0.1371+0.0754i
1.6	0.0831-0.1604i	1.2640-0.9979i	0.0122+0.0003i	-0.0550+0.2138i	1.3412-1.5171i	-0.0164-0.0017i	-0.0018-0.0215i	-0.2211+0.1525i
1.7	-0.0623-0.1162i	0.5863-1.6386i	0.0154-0.0070i	0.1415+0.1555i	0.1990-1.9224i	-0.0174+0.0094i	-0.0120-0.0115i	-0.0908+0.4604i
1.8	-0.0894-0.0161i	-0.4547-1.6711i	0.0091-0.0116i	0.2047+0.0319i	-0.9004-1.5987i	-0.0161+0.0162i	-0.0114+0.0012i	0.3188+0.5201i
1.9	-0.0147+0.0447i	-1.1157-1.1419i	0.0004-0.0122i	0.1584-0.0486i	-1.3025-0.8883i	-0.0076+0.0138i	-0.0005+0.0084i	0.5764+0.2868i
2.0	0.0415+0.0517i	-1.0985-0.8240i	-0.0011-0.0108i	0.1478-0.0706i	-1.1724-0.5676i	-0.0078+0.0124i	0.0090+0.0075i	0.5752+0.1348i
2.1	0.1276+0.0238i	-0.9559-0.5592i	-0.0019-0.0068i	0.1903-0.0824i	-0.9830-0.3528i	-0.0132+0.0124i	0.0226+0.0009i	0.5259+0.0237i
2.2	0.2577-0.1687i	-0.8936-0.3968i	-0.0055+0.0009i	0.2831-0.2558i	-0.8595-0.2429i	-0.0219+0.0229i	0.0412-0.0324i	0.4909-0.0446i
2.3	0.0761-0.4232i	-0.8637-0.3399i	0.0011+0.0089i	0.0821-0.4996i	-0.8150-0.2131i	-0.0089+0.0391i	0.0071-0.0715i	0.4619-0.0941i
2.4	-0.2968-0.2296i	-0.8032-0.2935i	0.0134+0.0016i	-0.2920-0.3057i	-0.7682-0.1611i	0.0159+0.0251i	-0.0525-0.0340i	0.4233-0.1491i
2.5	-0.1977-0.0089i	-0.7277-0.2593i	0.0117-0.0054i	-0.1923-0.0882i	-0.6928-0.1128i	0.0073+0.0102i	-0.0319+0.0008i	0.4115-0.1890i
2.6	-0.1247+0.0190i	-0.6878-0.2146i	0.0101-0.0053i	-0.1255-0.0533i	-0.6525-0.0828i	0.0016+0.0078i	-0.0188+0.0043i	0.4042-0.2226i
2.7	-0.0938+0.0247i	-0.6637-0.1894i	0.0092-0.0052i	-0.1033-0.0453i	-0.6169-0.0730i	-0.0007+0.0061i	-0.0135+0.0041i	0.3689-0.2598i
2.8	-0.0698+0.0186i	-0.6594-0.1516i	0.0082-0.0046i	-0.0918-0.0336i	-0.5928-0.0660i	-0.0033+0.0043i	-0.0088+0.0043i	0.3143-0.2149i
2.9	-0.0568+0.0165i	-0.6267-0.1365i	0.0091-0.0049i	-0.0821-0.0305i	-0.5593-0.0573i	-0.0059+0.0047i	-0.0082+0.0026i	0.2827-0.2365i
3.0	-0.0464+0.0290i	-0.6135-0.1446i	0.0094-0.0055i	-0.0783-0.0355i	-0.5305-0.0328i	-0.0069+0.0065i	-0.0066+0.0032i	0.2318-0.3768i
3.1	-0.0376+0.0276i	-0.5940-0.1365i	0.0099-0.0046i	-0.0718-0.0356i	-0.5137-0.0352i	-0.0073+0.0063i	-0.0043+0.0018i	0.1877-0.3965i
3.2	-0.0396+0.0250i	-0.5606-0.1317i	0.0118-0.0049i	-0.0648-0.0348i	-0.5079-0.0220i	-0.0111+0.0056i	-0.0046+0.0030i	0.2426-0.4284i
3.3	-0.0410+0.0376i	-0.5482-0.1596i	0.0134-0.0066i	-0.0661-0.0398i	-0.4774-0.0259i	-0.0125+0.0085i	-0.0027+0.0030i	0.2262-0.6589i
3.4	-0.0210+0.0466i	-0.5815-0.1664i	0.0114-0.0080i	-0.0768-0.0416i	-0.4459-0.0086i	-0.0101+0.0101i	-0.0021-0.0006i	-0.0817-0.8439i
3.5	-0.0099+0.0333i	-0.5825-0.1285i	0.0121-0.0071i	-0.0772-0.0298i	-0.4423-0.0044i	-0.0118+0.0084i	-0.0046-0.0018i	-0.2016-0.6481i
3.6	-0.0063+0.0338i	-0.5840-0.1251i	0.0116-0.0081i	-0.0806-0.0263i	-0.4254-0.0178i	-0.0128+0.0090i	-0.0040-0.0048i	-0.3501-0.6618i
3.7	-0.0074+0.0278i	-0.5676-0.1010i	0.0123-0.0058i	-0.0753-0.0212i	-0.4160-0.0199i	-0.0163+0.0061i	-0.0050-0.0036i	-0.3118-0.5647i
3.8	-0.0007+0.0152i	-0.5688-0.0730i	0.0113-0.0034i	-0.0765-0.0139i	-0.4076-0.0243i	-0.0148+0.0027i	-0.0071-0.0020i	-0.4816-0.3210i
3.9	-0.0101+0.0104i	-0.5335-0.0706i	0.0150-0.0032i	-0.0685-0.0144i	-0.3851-0.0170i	-0.0196+0.0043i	-0.0056+0.0004i	-0.2870-0.3188i
4.0	-0.0056+0.0161i	-0.5429-0.0764i	0.0172-0.0037i	-0.0693-0.0147i	-0.3886-0.0250i	-0.0190+0.0047i	-0.0024-0.0011i	-0.4172-0.3487i
4.1	-0.0022+0.0132i	-0.5488-0.0634i	0.0176-0.0046i	-0.0722-0.0106i	-0.3826-0.0161i	-0.0182+0.0024i	-0.0041-0.0036i	-0.5941-0.2473i
4.2	-0.0017+0.0190i	-0.5460-0.0781i	0.0190-0.0061i	-0.0758-0.0129i	-0.3700-0.0123i	-0.0176+0.0034i	-0.0035-0.0096i	-0.8674-0.4078i
4.3	-0.0106+0.0118i	-0.5171-0.0626i	0.0217-0.0041i	-0.0693-0.0137i	-0.3815+0.0031i	-0.0227+0.0026i	-0.0010-0.0093i	-0.5428-0.3226i
4.4	-0.0123+0.0105i	-0.5002-0.0530i	0.0243-0.0032i	-0.0665-0.0122i	-0.3920-0.0340i	-0.0295+0.0018i	-0.0071-0.0101i	-0.3544-0.3109i
4.5	-0.0082+0.0080i	-0.4995-0.0520i	0.0239-0.0025i	-0.0628-0.0082i	-0.3894-0.0702i	-0.0306-0.0001i	-0.0127-0.0113i	-0.4159-0.2299i
4.6	-0.0067+0.0060i	-0.4971-0.0485i	0.0263-0.0010i	-0.0646-0.0050i	-0.3799-0.0396i	-0.0329+0.0004i	-0.0078-0.0107i	-0.4936-0.1075i
4.7	-0.0081+0.0048i	-0.4909-0.0443i	0.0288-0.0000i	-0.0629-0.0028i	-0.3612-0.0172i	-0.0375-0.0000i	-0.0078-0.0027i	-0.5053+0.0019i
4.8	-0.0119+0.0050i	-0.4791-0.0481i	0.0312-0.0008i	-0.0593-0.0080i	-0.3770-0.0111i	-0.0411+0.0037i	-0.0042-0.0004i	-0.4519-0.2416i
4.9	-0.0141+0.0064i	-0.4647-0.0494i	0.0330-0.0031i	-0.0590-0.0071i	-0.3752-0.0324i	-0.0469+0.0032i	-0.0056-0.0056i	-0.3988-0.3840i
5.0	-0.0120+0.0051i	-0.4617-0.0524i	0.0345-0.0040i	-0.0568-0.0080i	-0.3726-0.0196i	-0.0487+0.0004i	-0.0097-0.0059i	-0.4749-0.3124i
5.1	-0.0101+0.0051i	-0.4657-0.0596i	0.0360-0.0043i	-0.0586-0.0057i	-0.3936-0.0215i	-0.0484+0.0003i	-0.0121-0.0057i	-0.6829-0.1890i
5.2	-0.0052+0.0054i	-0.4694-0.0624i	0.0373-0.0047i	-0.0595-0.0037i	-0.3804-0.0423i	-0.0516+0.0007i	-0.0162-0.0019i	-0.8444+0.0231i
5.3	-0.0073+0.0056i	-0.4646-0.0581i	0.0378-0.0045i	-0.0530-0.0023i	-0.3743-0.0542i	-0.0572-0.0006i	-0.0234-0.0055i	-0.5061+0.1928i
5.4	-0.0070+0.0129i	-0.4666-0.0709i	0.0388-0.0089i	-0.0500+0.0022i	-0.4091-0.0678i	-0.0605-0.0051i	-0.0380-0.0271i	-0.5355+0.3151i
5.5	-0.0002+0.0098i	-0.4648-0.0849i	0.0381-0.0085i	-0.0482-0.0015i	-0.3780-0.0529i	-0.0654-0.0033i	-0.0620-0.0147i	-0.8819+0.3485i
5.6	0.0044-0.0017i	-0.4639-0.0809i	0.0372-0.0027i	-0.0464-0.0096i	-0.3734-0.0605i	-0.0722-0.0003i	-0.0674+0.0299i	-0.7848+0.6250i

5.7	-0.0017-0.0090i	-0.4806-0.0850i	0.0421-0.0014i	-0.0533-0.0156i	-0.3724-0.0741i	-0.0729+0.0042i	-0.0360+0.0522i	-0.6243+0.9221i
5.8	-0.0130-0.0021i	-0.4792-0.0780i	0.0470-0.0036i	-0.0601-0.0079i	-0.3730-0.0677i	-0.0755+0.0011i	-0.0015+0.0284i	-0.2787+0.8648i
5.9	-0.0154-0.0014i	-0.4993-0.0923i	0.0472-0.0029i	-0.0669-0.0073i	-0.4153-0.0840i	-0.0767-0.0002i	0.0190+0.0343i	-0.2347+1.1506i
6.0	-0.0076+0.0054i	-0.4957-0.0932i	0.0473-0.0050i	-0.0571-0.0082i	-0.4297-0.0821i	-0.0896-0.0006i	-0.0340+0.0185i	-0.2376+0.7600i
6.1	-0.0032-0.0032i	-0.5010-0.0849i	0.0521-0.0040i	-0.0566-0.0151i	-0.4188-0.0676i	-0.0946+0.0069i	-0.0427+0.0500i	-0.2353+0.6267i
6.2	-0.0045-0.0066i	-0.5090-0.0810i	0.0509-0.0022i	-0.0603-0.0138i	-0.4106-0.0564i	-0.0948+0.0057i	-0.0230+0.0568i	-0.1689+0.7173i
6.3	-0.0110-0.0057i	-0.5013-0.0582i	0.0540+0.0006i	-0.0595-0.0122i	-0.4039-0.0425i	-0.1034+0.0047i	-0.0146+0.0358i	0.1375+0.4010i
6.4	-0.0141-0.0053i	-0.4867-0.0476i	0.0611+0.0057i	-0.0583-0.0094i	-0.3977-0.0550i	-0.1148+0.0102i	-0.0080+0.0300i	0.3083+0.0214i
6.5	-0.0143-0.0086i	-0.4974-0.0581i	0.0608+0.0059i	-0.0671-0.0124i	-0.4352-0.0422i	-0.1129+0.0107i	0.0135+0.0528i	0.0798+0.2798i
6.6	-0.0176-0.0074i	-0.5082-0.0473i	0.0738+0.0026i	-0.0713-0.0058i	-0.4478-0.0173i	-0.1158+0.0008i	0.0241+0.0284i	0.2844+0.5754i
6.7	-0.0232-0.0064i	-0.5100-0.0325i	0.0852+0.0042i	-0.0705+0.0001i	-0.4372-0.0259i	-0.1216-0.0037i	0.0317+0.0021i	0.7260+0.5160i
6.8	-0.0276-0.0058i	-0.5107-0.0469i	0.0919+0.0024i	-0.0774-0.0046i	-0.4467-0.0157i	-0.1259+0.0025i	0.0342+0.0090i	0.4690+0.3466i
6.9	-0.0289-0.0018i	-0.5007-0.0544i	0.0948-0.0118i	-0.0782-0.0034i	-0.4361-0.0300i	-0.1420+0.0105i	0.0161+0.0239i	0.1168+0.0690i
7.0	-0.0366+0.0010i	-0.4920-0.0439i	0.1119-0.0231i	-0.0832+0.0036i	-0.4272-0.0284i	-0.1558+0.0079i	0.0211+0.0061i	0.3446-0.1836i
7.1	-0.0385+0.0157i	-0.4885-0.0420i	0.1076-0.0572i	-0.0834+0.0228i	-0.4524+0.0138i	-0.1659+0.0171i	0.0290-0.0156i	0.2884-0.1340i
7.2	-0.0222+0.0412i	-0.4890-0.0462i	0.0561-0.0991i	-0.0607+0.0492i	-0.4930-0.0320i	-0.1654+0.0236i	0.0145-0.0518i	0.1052+0.1050i
7.3	0.0015+0.0321i	-0.4865-0.0462i	0.0087-0.0684i	-0.0346+0.0414i	-0.4770-0.0640i	-0.1701+0.0276i	-0.0417-0.0335i	-0.2208-0.1275i
7.4	0.0031+0.0155i	-0.4902-0.0394i	0.0056-0.0283i	-0.0310+0.0201i	-0.4745-0.0233i	-0.1827+0.0198i	-0.0495-0.0288i	0.2111+0.1029i
7.5	-0.0034+0.0099i	-0.4972-0.0486i	0.0288-0.0131i	-0.0414+0.0084i	-0.4458-0.0358i	-0.1843+0.0214i	-0.0080+0.0047i	-0.0408+0.4251i
7.6	-0.0035+0.0032i	-0.4924-0.0518i	0.0374+0.0026i	-0.0437-0.0027i	-0.4336-0.0525i	-0.1952+0.0242i	-0.0070+0.0192i	-0.0007+0.1461i
7.7	-0.0118+0.0033i	-0.4930-0.0467i	0.0493-0.0027i	-0.0486-0.0010i	-0.4225-0.0260i	-0.2028+0.0145i	0.0272+0.0129i	-0.1160+0.3353i
7.8	-0.0104-0.0026i	-0.4959-0.0536i	0.0391+0.0050i	-0.0467-0.0010i	-0.4275-0.0673i	-0.2278+0.0156i	-0.0044-0.0129i	0.1992+0.3603i
7.9	-0.0089-0.0032i	-0.4961-0.0581i	0.0348+0.0227i	-0.0516-0.0056i	-0.4504-0.0470i	-0.2556+0.0428i	-0.0315+0.0242i	0.2800+0.1437i
8.0	-0.0113-0.0014i	-0.4949-0.0542i	0.0423+0.0319i	-0.0539-0.0075i	-0.4624-0.0378i	-0.2653+0.0553i	-0.0182+0.0421i	0.2498-0.0137i
8.1	-0.0162-0.0057i	-0.4953-0.0590i	0.0650+0.0455i	-0.0614-0.0105i	-0.4834-0.0057i	-0.2577+0.0715i	0.0335+0.0563i	-0.0838-0.2233i
8.2	-0.0164-0.0024i	-0.4922-0.0606i	0.0733+0.0491i	-0.0658-0.0104i	-0.4611-0.0367i	-0.2622+0.0853i	0.0418+0.0389i	-0.1064-0.0784i
8.3	-0.0211-0.0025i	-0.4968-0.0653i	0.0685+0.0631i	-0.0677-0.0091i	-0.4296-0.0680i	-0.2811+0.1079i	0.0409+0.0630i	0.0229-0.0806i
8.4	-0.0230-0.0043i	-0.4989-0.0595i	0.0676+0.0758i	-0.0718-0.0108i	-0.4238-0.0525i	-0.3049+0.1101i	0.0535+0.0562i	0.0805-0.2263i
8.5	-0.0223-0.0051i	-0.4960-0.0581i	0.0600+0.0820i	-0.0737-0.0068i	-0.3973-0.0369i	-0.3322+0.1136i	0.0457+0.0337i	0.0917-0.1329i
8.6	-0.0208-0.0043i	-0.4950-0.0649i	0.0332+0.0867i	-0.0757-0.0046i	-0.4502-0.1004i	-0.3789+0.1329i	0.0056+0.0307i	0.0236+0.0310i
8.7	-0.0245-0.0023i	-0.4958-0.0780i	0.0241+0.0867i	-0.0810-0.0064i	-0.5000-0.0891i	-0.4152+0.1395i	-0.0257-0.0165i	-0.2724+0.0547i
8.8	-0.0262-0.0036i	-0.4872-0.0806i	0.0486+0.1261i	-0.0869-0.0045i	-0.5375-0.0831i	-0.4099+0.1888i	0.0166-0.0080i	-0.1786-0.0865i
8.9	-0.0307+0.0031i	-0.4868-0.0855i	0.0507+0.1753i	-0.0934+0.0044i	-0.5263-0.0698i	-0.4225+0.2472i	0.0360-0.0154i	-0.1778-0.2804i
9.0	-0.0389+0.0060i	-0.4824-0.0991i	0.0530+0.2322i	-0.1000+0.0118i	-0.4795-0.0901i	-0.4353+0.3308i	0.0347-0.0012i	0.1412-0.0854i
9.1	-0.0441+0.0110i	-0.4765-0.1144i	0.0888+0.2695i	-0.1019+0.0192i	-0.4844-0.1294i	-0.4125+0.3861i	0.0226-0.0009i	-0.0047+0.0063i
9.2	-0.0484+0.0207i	-0.4615-0.1337i	0.1190+0.2978i	-0.1037+0.0306i	-0.4821-0.1349i	-0.4113+0.4279i	0.0200+0.0052i	-0.0435+0.0623i
9.3	-0.0427+0.0401i	-0.4632-0.1454i	0.1877+0.4009i	-0.0991+0.0523i	-0.5003-0.1079i	-0.3443+0.5681i	0.0360+0.0056i	0.1977+0.1805i
9.4	-0.0215+0.0487i	-0.4632-0.1728i	0.3438+0.4466i	-0.0802+0.0658i	-0.4736-0.1493i	-0.1688+0.6225i	0.0220-0.0080i	-0.2134+0.1644i
9.5	-0.0006+0.0318i	-0.4862-0.1994i	0.5051+0.3365i	-0.0564+0.0492i	-0.4482-0.2192i	0.0061+0.4718i	0.0173+0.0079i	-0.3187+0.2409i
9.6	0.0102+0.0192i	-0.4990-0.2163i	0.5764+0.2650i	-0.0422+0.0330i	-0.4544-0.2189i	0.0690+0.3729i	0.0073+0.0010i	-0.3046+0.2344i
9.7	0.0093-0.0007i	-0.5241-0.2443i	0.5909+0.1656i	-0.0431+0.0155i	-0.4728-0.1874i	0.0536+0.2608i	0.0134-0.0026i	-0.1653+0.3384i
9.8	0.0088-0.0083i	-0.5399-0.2647i	0.6005+0.1059i	-0.0516+0.0032i	-0.5401-0.1640i	0.0244+0.1914i	0.0003+0.0035i	-0.4533+0.3266i
9.9	-0.0016-0.0078i	-0.5717-0.2676i	0.6011+0.0869i	-0.0633+0.0022i	-0.5352-0.1613i	-0.0148+0.1695i	-0.0071+0.0009i	-0.2244+0.1765i
10.0	-0.0201-0.0086i	-0.6034-0.2928i	0.5564+0.0671i	-0.0818+0.0026i	-0.5554-0.2109i	-0.1070+0.1624i	-0.0191-0.0025i	0.0251+0.6317i
10.1	-0.0306-0.0096i	-0.6130-0.3086i	0.5244+0.0642i	-0.0920+0.0014i	-0.6448-0.2707i	-0.1877+0.1700i	-0.0216-0.0169i	0.2470+0.3244i
10.2	-0.0340-0.0080i	-0.6450-0.3293i	0.5396+0.0629i	-0.0987+0.0089i	-0.6795-0.2990i	-0.2032+0.1877i	-0.0149-0.0009i	0.1153+0.4386i
10.3	-0.0343+0.0007i	-0.6730-0.3593i	0.5805+0.0989i	-0.1015+0.0203i	-0.7005-0.3263i	-0.1837+0.2537i	-0.0036+0.0231i	0.0348+0.6377i
10.4	-0.0412+0.0022i	-0.6941-0.3712i	0.6031+0.0894i	-0.1075+0.0228i	-0.6883-0.3306i	-0.2031+0.2432i	0.0275+0.0081i	0.6361+0.4861i
10.5	-0.0357+0.0041i	-0.7372-0.3808i	0.6381+0.0453i	-0.1113+0.0272i	-0.7856-0.3430i	-0.2106+0.1983i	0.0329+0.0260i	0.4653+0.8456i
10.6	-0.0343+0.0174i	-0.7982-0.3960i	0.6876+0.0143i	-0.1078+0.0387i	-0.8751-0.3792i	-0.1938+0.1826i	0.0256+0.0231i	0.5253+1.1634i
10.7	-0.0383+0.0221i	-0.8339-0.4288i	0.7072-0.0001i	-0.1138+0.0477i	-0.8855-0.3850i	-0.2392+0.1911i	0.0230+0.0206i	0.0599+1.4123i
10.8	-0.0373+0.0257i	-0.8846-0.4338i	0.7141-0.0279i	-0.1135+0.0543i	-0.9165-0.3860i	-0.2627+0.1817i	0.0415+0.0361i	0.6659+2.0103i
10.9	-0.0327+0.0264i	-0.9288-0.4276i	0.7270-0.0339i	-0.1037+0.0579i	-0.9419-0.3794i	-0.2800+0.1975i	0.0515+0.0532i	1.3484+2.7380i
11.0	-0.0194+0.0232i	-0.9715-0.4478i	0.7777-0.0322i	-0.1077+0.0600i	-1.0339-0.3994i	-0.3212+0.2295i	0.0095+0.0417i	-0.0202+2.8409i
11.1	-0.0204+0.0263i	-1.0243-0.4040i	0.8277-0.0306i	-0.1059+0.0617i	-1.0647-0.3739i	-0.3042+0.2045i	0.0337+0.0015i	1.3868+1.9644i
11.2	-0.0177+0.0294i	-1.0666-0.4000i	0.8618-0.0546i	-0.1031+0.0602i	-1.0814-0.3532i	-0.3397+0.2202i	0.0375+0.0085i	1.4518+2.4348i
11.3	-0.0191+0.0235i	-1.1068-0.3645i	0.8956-0.0680i	-0.1100+0.0538i	-1.1590-0.3353i	-0.3685+0.1926i	0.0706-0.0001i	2.5030+1.3531i
11.4	-0.0194+0.0125i	-1.1361-0.3855i	0.9581-0.0975i	-0.1132+0.0538i	-1.1827-0.3582i	-0.4040+0.2029i	0.0532+0.0193i	2.3282+2.0024i
11.5	-0.0125+0.0074i	-1.1737-0.3957i	1.0239-0.1290i	-0.1138+0.0532i	-1.2481-0.3678i	-0.4539+0.1953i	0.0429+0.0088i	2.3701+1.9573i
11.6	-0.0108+0.0078i	-1.2083-0.3905i	1.0773-0.1476i	-0.1264+0.0547i	-1.2978-0.3359i	-0.5224+0.1913i	0.0458-0.0118i	2.7932+1.2149i
11.7	-0.0110+0.0054i	-1.2494-0.3965i	1.1495-0.1870i	-0.1434+0.0578i	-1.3392-0.3570i	-0.5941+0.1871i	0.0426-0.0224i	3.0503+0.7587i
11.8	-0.0139+0.0032i	-1.2783-0.3996i	1.2031-0.2303i	-0.1543+0.0646i	-1.3687-0.3854i	-0.6636+0.1966i	0.0551-0.0357i	3.4004+0.6367i
11.9	-0.0129-0.0160i	-1.3336-0.4607i	1.2888-0.2889i	-0.1742+0.0790i	-1.4204-0.4651i	-0.7646+0.2680i	0.0400-0.0673i	3.3066+0.6308i

12.0	-0.0124-0.0331i	-1.3831-0.5121i	1.3908-0.3102i	-0.1975+0.0761i	-1.4888-0.5246i	-0.8714+0.3033i	0.0258-0.0767i	3.6370+0.2823i
12.1	-0.0185-0.0457i	-1.4646-0.5717i	1.5226-0.3653i	-0.2232+0.0950i	-1.5927-0.5135i	-0.9850+0.4019i	0.0259-0.0972i	3.9055-0.2458i
12.2	-0.0252-0.0589i	-1.5698-0.6295i	1.6504-0.4405i	-0.2492+0.1282i	-1.7416-0.6375i	-1.0659+0.4788i	0.0134-0.1172i	4.5750-0.6964i
12.3	-0.0355-0.0856i	-1.6794-0.7555i	1.8107-0.5035i	-0.2849+0.1593i	-1.9489-0.7536i	-1.1839+0.5819i	-0.0246-0.1190i	4.9830-1.2345i
12.4	-0.0584-0.1234i	-1.8244-0.9110i	1.9543-0.5948i	-0.3219+0.1966i	-2.1086-0.8846i	-1.3192+0.7353i	-0.0789-0.0990i	4.8738-1.6813i
12.5	-0.1274-0.1810i	-2.2198-1.1006i	2.2376-0.8527i	-0.3610+0.2915i	-2.5397-1.0707i	-1.4439+1.0739i	-0.1312-0.0845i	5.5216-2.7310i
12.6	-0.1958-0.2378i	-2.6700-1.3553i	2.5475-1.1128i	-0.3840+0.3992i	-3.1000-1.3921i	-1.5401+1.4281i	-0.1242-0.0588i	6.5955-4.1942i
12.7	-0.3096-0.2558i	-3.3117-1.3785i	2.7566-1.4789i	-0.3544+0.5125i	-3.8478-1.3698i	-1.4472+1.7842i	-0.1452+0.0155i	7.4763-5.1116i
12.8	-0.5273-0.2533i	-4.4220-1.3124i	2.9679-2.0700i	-0.2737+0.6509i	-5.1677-1.1835i	-1.1878+2.3002i	-0.1899+0.0895i	7.3077-7.8332i
12.9	-0.7540-0.1081i	-5.5481-0.5473i	2.9591-2.8620i	-0.1416+0.7678i	-6.4600-0.2861i	-0.6381+2.6343i	-0.1967+0.0951i	5.6551-11.1784i
13.0	-1.0586+0.1952i	-7.1027+1.0108i	3.0165-4.0405i	-0.0022+0.8705i	-8.0746+1.7057i	0.0840+2.8628i	-0.1834+0.1421i	2.8264-14.8532i
13.1	-1.1489+0.5700i	-7.5654+2.9053i	2.6437-5.0137i	0.1163+0.9116i	-8.4494+3.9912i	0.5023+2.7280i	-0.2196+0.2359i	0.2768-16.0453i
13.2	-0.9787+1.3845i	-6.8319+6.9357i	0.9899-6.8426i	0.3904+1.0109i	-7.3244+8.6404i	1.3014+2.4242i	-0.2032+0.4230i	-8.0744-18.8287i
13.3	-0.4088+1.7508i	-4.0651+8.7571i	-1.0928-7.0153i	0.6384+0.9397i	-3.9238+10.5849i	1.6965+1.8822i	0.0498+0.6349i	-16.7402-17.4097i
13.4	0.5974+1.5653i	0.7151+7.6552i	-3.5357-4.8364i	0.9133+0.6394i	1.4901+8.9584i	1.5967+0.8258i	0.5541+0.2915i	-22.2910-2.7471i
13.5	0.9188+1.2827i	2.0844+6.2201i	-3.8298-3.5402i	0.9748+0.4759i	3.1411+7.1771i	1.3148+0.4997i	0.4919+0.0416i	-18.0411+3.8463i
13.6	1.0873+0.8988i	2.6154+4.4233i	-3.5676-2.4063i	0.9776+0.3038i	3.6067+5.0275i	0.9691+0.2722i	0.3505+0.0029i	-12.7300+6.3898i
13.7	1.1309+0.6047i	2.4494+3.1173i	-3.1344-1.6908i	0.9782+0.1755i	3.2401+3.4827i	0.5802+0.0876i	0.3289-0.0250i	-8.3922+8.7179i
13.8	1.1500+0.4584i	2.2796+2.5466i	-2.9173-1.4176i	0.9942+0.1036i	2.9951+2.8133i	0.3899+0.0347i	0.3177-0.0576i	-5.9592+8.9979i
13.9	1.2099+0.3421i	2.1489+2.1124i	-2.7826-1.2015i	1.0487+0.0302i	2.7857+2.3334i	0.1404-0.0430i	0.2871-0.0627i	-3.4889+9.0580i
14.0	1.2510+0.1810i	1.8406+1.6783i	-2.5805-1.0051i	1.0924-0.0865i	2.3817+1.8550i	-0.2200-0.0019i	0.2837-0.0901i	-1.3021+7.8602i
14.1	1.3234-0.0320i	1.5272+1.3449i	-2.4757-0.8545i	1.1672-0.2566i	2.0229+1.4859i	-0.6806+0.1748i	0.3258-0.1787i	-0.1294+6.1768i
14.2	1.3831-0.2564i	1.3415+1.2195i	-2.4880-0.7124i	1.2263-0.4506i	1.8049+1.3818i	-1.0914+0.5549i	0.3216-0.2699i	0.4059+5.3448i
14.3	1.4744-0.4988i	1.1704+1.1655i	-2.5500-0.5540i	1.3154-0.6721i	1.5815+1.3147i	-1.5096+1.0382i	0.2891-0.3321i	0.6828+4.5543i
14.4	1.4223-1.0282i	1.0132+1.1626i	-2.5804-0.1369i	1.2698-1.1727i	1.3962+1.3439i	-1.6730+2.2568i	0.1865-0.4678i	0.9075+4.0860i
14.5	0.9788-1.5386i	0.9304+1.2069i	-2.3025+0.3539i	0.8353-1.6574i	1.2916+1.3939i	-0.8537+3.5171i	0.0112-0.5438i	0.8868+3.8897i
14.6	0.2845-1.7979i	1.0353+1.1765i	-1.8079+0.7141i	0.1400-1.8923i	1.4237+1.3619i	0.7735+4.0819i	-0.1732-0.4610i	0.9178+3.1666i
14.7	-0.3034-1.5234i	1.1347+1.0250i	-1.2932+0.6648i	-0.4428-1.6051i	1.5200+1.1801i	2.1810+3.4291i	-0.2855-0.3885i	1.3839+2.2581i
14.8	-0.6116-1.1008i	1.2092+0.8115i	-1.0050+0.4267i	-0.7544-1.1705i	1.6175+0.9647i	2.8410+2.1715i	-0.2838-0.2959i	1.6214+1.6976i
14.9	-0.6515-0.6952i	1.1331+0.6153i	-0.9205+0.1438i	-0.7863-0.7515i	1.5676+0.7305i	2.6212+0.9717i	-0.2592-0.1286i	1.4216+1.0947i
15.0	-0.5969-0.5213i	1.0534+0.5091i	-0.9467+0.0289i	-0.7262-0.5625i	1.4352+0.5886i	2.2419+0.5411i	-0.2735-0.0771i	1.3759+1.0229i
15.1	-0.5189-0.3679i	0.9280+0.4284i	-0.9974+0.0043i	-0.6418-0.4050i	1.2331+0.5223i	1.7804+0.3863i	-0.2811-0.0152i	1.2709+0.7729i
15.2	-0.4478-0.2676i	0.8331+0.3391i	-1.0214+0.0746i	-0.5653-0.2952i	1.1600+0.3766i	1.4640+0.3819i	-0.2595-0.0337i	0.8566+0.6888i
15.3	-0.3899-0.2073i	0.7567+0.3009i	-0.9900+0.1151i	-0.4995-0.2289i	1.0427+0.3272i	1.3234+0.3990i	-0.1966+0.0299i	0.7088+0.5056i
15.4	-0.3584-0.1649i	0.6895+0.2433i	-0.9103+0.1683i	-0.4650-0.1774i	0.9696+0.2589i	1.2716+0.4108i	-0.1536+0.0846i	0.8150+0.3632i
15.5	-0.3165-0.1384i	0.6183+0.2138i	-0.8644+0.1747i	-0.4183-0.1462i	0.8941+0.2273i	1.2202+0.3843i	-0.1230+0.1243i	0.7055+0.2763i
15.6	-0.2802-0.1095i	0.5674+0.1866i	-0.8362+0.1750i	-0.3751-0.1139i	0.8354+0.2031i	1.1596+0.3334i	-0.1299+0.1007i	0.5985+0.1411i
15.7	-0.2632-0.1040i	0.5311+0.1588i	-0.8085+0.1908i	-0.3552-0.1058i	0.7710+0.1540i	1.1039+0.3169i	-0.0561+0.0985i	0.4965+0.0150i
15.8	-0.2265-0.0897i	0.4694+0.1633i	-0.7546+0.1631i	-0.3123-0.0916i	0.6706+0.2144i	1.0905+0.2859i	-0.0412+0.1442i	0.4496+0.0112i
15.9	-0.2061-0.0715i	0.4329+0.1556i	-0.7367+0.1439i	-0.2914-0.0735i	0.6551+0.2033i	1.0719+0.2507i	-0.0662+0.1185i	0.4021+0.0921i
16.0	-0.1991-0.0672i	0.3793+0.1124i	-0.6910+0.1753i	-0.2780-0.0568i	0.5709+0.1507i	1.0283+0.2312i	-0.0446+0.0032i	0.3029+0.1705i
16.1	-0.1841-0.0630i	0.3545+0.0818i	-0.6583+0.2396i	-0.2565-0.0486i	0.6139+0.1497i	1.0067+0.2197i	-0.2304-0.0740i	0.2589+0.1907i
16.2	-0.1733-0.0715i	0.3262+0.0582i	-0.6244+0.2645i	-0.2418-0.0526i	0.5748+0.0951i	0.9811+0.1936i	-0.2655+0.0564i	0.2332+0.1430i
16.3	-0.1844-0.0724i	0.2661+0.0575i	-0.5903+0.2671i	-0.2443-0.0536i	0.4699+0.0997i	0.9519+0.1538i	-0.0341+0.1534i	0.2667+0.1924i
16.4	-0.1870-0.0663i	0.2122+0.0475i	-0.5368+0.2931i	-0.2355-0.0510i	0.4076+0.0193i	0.9399+0.0888i	-0.0338+0.2131i	0.1960+0.2219i
16.5	-0.1744-0.0622i	0.1781+0.0333i	-0.4324+0.3042i	-0.2214-0.0396i	0.2957-0.0403i	0.8574+0.0582i	-0.1618+0.1792i	0.2814+0.1147i
16.6	-0.1718-0.0602i	0.1573+0.0263i	-0.3763+0.2906i	-0.2150-0.0347i	0.2517-0.0011i	0.7939+0.0542i	-0.0632+0.1780i	0.3548+0.0233i
16.7	-0.1751-0.0579i	0.1322+0.0183i	-0.3106+0.2721i	-0.2143-0.0374i	0.2215+0.0143i	0.7481+0.0282i	-0.0098+0.2021i	0.1903+0.0474i
16.8	-0.1825-0.0421i	0.0831+0.0504i	-0.2640+0.1928i	-0.2113-0.0324i	0.1572+0.1020i	0.6689+0.0278i	0.0791+0.1535i	0.0136+0.2117i
16.9	-0.1730-0.0456i	0.0783+0.0394i	-0.2751+0.1901i	-0.2017-0.0330i	0.1420+0.0687i	0.6275+0.0298i	0.0044+0.0929i	0.0910+0.2066i
17.0	-0.1704-0.0499i	0.0531+0.0229i	-0.2761+0.1807i	-0.2018-0.0307i	0.1300+0.0439i	0.5924+0.0565i	-0.0243+0.1318i	0.2314+0.1273i
17.1	-0.1685-0.0395i	0.0315+0.0319i	-0.2317+0.1672i	-0.1951-0.0274i	0.0798+0.0176i	0.5433+0.0991i	-0.0330+0.1618i	0.3134+0.1113i
17.2	-0.1676-0.0346i	0.0211+0.0295i	-0.1788+0.1550i	-0.1916-0.0242i	0.0625+0.0315i	0.5332+0.1172i	0.0502+0.1470i	0.2867-0.0408i
17.3	-0.1770-0.0311i	-0.0257+0.0322i	-0.1117+0.1309i	-0.1964-0.0182i	-0.0004+0.0403i	0.5346+0.1064i	0.0510+0.1139i	0.1531+0.0807i
17.4	-0.1740-0.0288i	-0.0476+0.0285i	-0.1038+0.1393i	-0.1903-0.0126i	-0.0329+0.0685i	0.5022+0.0979i	-0.0107+0.1566i	0.1073+0.1190i
17.5	-0.1772-0.0268i	-0.0732+0.0276i	-0.0800+0.1519i	-0.1842-0.0112i	-0.0840+0.0577i	0.4517+0.0842i	0.0333+0.1585i	0.0544+0.1163i
17.6	-0.1870-0.0229i	-0.1075+0.0334i	-0.0001+0.1075i	-0.1829-0.0133i	-0.1739+0.0451i	0.3911+0.1128i	0.0902+0.1182i	-0.0478+0.0697i
17.7	-0.1930-0.0137i	-0.1449+0.0587i	0.0194+0.0383i	-0.1855-0.0118i	-0.2191+0.1251i	0.3674+0.1553i	0.0844+0.0955i	-0.0535-0.0313i
17.8	-0.1925-0.0171i	-0.1439+0.0370i	0.0135+0.0690i	-0.1781-0.0063i	-0.2580+0.0693i	0.3288+0.0992i	0.0929+0.1177i	-0.0228+0.0047i
17.9	-0.2010-0.0081i	-0.1734+0.0495i	0.0195+0.0089i	-0.1834-0.0008i	-0.3493+0.0957i	0.3238+0.1777i	0.0889+0.1177i	-0.0696+0.0677i
18.0	-0.2151-0.0040i	-0.2085+0.0733i	0.0683-0.0491i	-0.1796+0.0039i	-0.4627+0.1967i	0.2850+0.2570i	0.0771+0.1133i	-0.0190+0.1471i
18.1	-0.2179-0.0139i	-0.2253+0.0632i	0.1152-0.0502i	-0.1741-0.0011i	-0.4450+0.1295i	0.2463+0.2347i	0.1534+0.0825i	-0.1653+0.1526i
18.2	-0.2237-0.0156i	-0.2691+0.0434i	0.1887-0.0356i	-0.1661-0.0042i	-0.5195+0.1136i	0.1996+0.2143i	0.1846+0.0861i	-0.1956+0.1170i

18.3	-0.2278-0.0145i	-0.2862+0.0444i	0.2249-0.0568i	-0.1601-0.0156i	-0.6452+0.1051i	0.1208+0.2421i	0.1603+0.0327i	-0.1750+0.0822i
18.4	-0.2222-0.0052i	-0.2873+0.0476i	0.2073-0.0875i	-0.1501-0.0172i	-0.6897+0.2090i	0.0527+0.2344i	0.1631-0.0074i	-0.1527+0.1420i
18.5	-0.2404+0.0270i	-0.3214+0.1204i	0.1783-0.2731i	-0.1511-0.0225i	-0.7498+0.3933i	-0.0104+0.4141i	0.1669-0.0356i	-0.1375+0.2227i
18.6	-0.2798+0.0115i	-0.3780+0.1119i	0.2370-0.2899i	-0.1704-0.0430i	-0.9107+0.4093i	-0.1793+0.6001i	0.1819-0.0288i	-0.2381+0.2720i
18.7	-0.2840+0.0199i	-0.3900+0.1068i	0.2213-0.2227i	-0.1778-0.0315i	-0.9162+0.4476i	-0.0952+0.6837i	0.1881-0.0308i	-0.2266+0.2779i
18.8	-0.2759+0.0338i	-0.3733+0.1194i	0.2536-0.1658i	-0.1588-0.0117i	-0.9473+0.4561i	0.0047+0.6102i	0.1568-0.0098i	-0.1240+0.2170i
18.9	-0.2821+0.0521i	-0.3812+0.1442i	0.2708-0.2087i	-0.1604-0.0111i	-1.0192+0.5667i	0.0248+0.6427i	0.1273+0.0009i	-0.0965+0.3186i
19.0	-0.3266+0.0957i	-0.4499+0.2151i	0.3686-0.3252i	-0.1728-0.0158i	-1.2395+0.9127i	0.0167+0.8627i	0.0706-0.0616i	-0.1036+0.4606i
19.1	-0.3564+0.1002i	-0.4948+0.2283i	0.4831-0.3268i	-0.1686-0.0293i	-1.3949+1.0165i	-0.0191+0.9286i	0.0794-0.0745i	-0.1268+0.4297i
19.2	-0.3787+0.1226i	-0.5087+0.2513i	0.6137-0.3737i	-0.1570-0.0453i	-1.5201+1.1661i	-0.0255+0.9691i	0.1194+0.0003i	-0.1181+0.4032i
19.3	-0.4200+0.1849i	-0.5522+0.3607i	0.7550-0.5826i	-0.1671-0.0633i	-1.6694+1.5883i	0.0139+1.1792i	0.1289+0.0294i	-0.1295+0.4064i
19.4	-0.4198+0.2596i	-0.4934+0.4453i	0.7469-0.8249i	-0.1869-0.0827i	-1.5421+2.0670i	0.1400+1.3386i	0.1342-0.0093i	-0.0969+0.5072i
19.5	-0.3751+0.4496i	-0.4039+0.6299i	0.5729-1.4005i	-0.2591-0.0744i	-1.0085+3.1191i	0.5490+1.6649i	0.1108-0.0572i	0.0427+0.6678i
19.6	-0.3695+0.4938i	-0.4048+0.6547i	0.5497-1.5721i	-0.2828-0.0865i	-0.9178+3.4254i	0.5576+1.7563i	0.1167-0.0477i	0.0799+0.6998i
19.7	-0.1808+0.5441i	-0.2042+0.6284i	-0.1373-1.6575i	-0.3087-0.0184i	0.2757+3.3366i	0.9957+1.5448i	0.0514-0.0559i	0.2498+0.6912i
19.8	0.0025+0.6301i	-0.0547+0.6519i	-0.7706-1.7014i	-0.3614+0.0766i	1.5764+3.4157i	1.4957+1.5778i	-0.0279-0.1356i	0.3846+0.6158i
19.9	0.0021+0.6873i	-0.1152+0.6307i	-0.7638-1.8021i	-0.4057+0.0711i	1.6734+3.7405i	1.5723+1.8991i	0.0808-0.1658i	0.4628+0.6459i
20.0	0.1640+0.6112i	-0.0224+0.5501i	-0.9995-1.4360i	-0.3553+0.1458i	2.3637+2.9961i	2.0624+1.5640i	0.1094-0.1103i	0.6809+0.5224i
20.1	0.2910+0.5876i	-0.0311+0.5066i	-1.1046-1.3311i	-0.3460+0.1984i	2.9751+2.6139i	2.5361+1.3613i	0.0542-0.1374i	0.8135+0.4892i
20.2	0.3277+0.5949i	-0.1173+0.5348i	-1.1030-1.4376i	-0.3650+0.2079i	3.1336+2.5767i	2.8133+1.3078i	-0.0192-0.1566i	0.8384+0.4345i
20.3	0.3472+0.5172i	-0.1580+0.5023i	-1.1389-1.4155i	-0.3459+0.2048i	3.1430+2.1812i	2.7786+0.8961i	-0.0430-0.1666i	0.8478+0.3524i
20.4	0.3774+0.4472i	-0.2014+0.5100i	-1.3079-1.3204i	-0.3455+0.2213i	3.2074+1.7795i	2.6862+0.5534i	-0.0353-0.1384i	0.8506+0.3026i
20.5	0.4245+0.3940i	-0.2378+0.5765i	-1.4882-1.1852i	-0.3366+0.2561i	3.3473+1.3614i	2.6675+0.2634i	-0.0733-0.1331i	0.8501+0.1815i
20.6	0.4830+0.2869i	-0.1698+0.6370i	-1.6463-0.9146i	-0.2915+0.3098i	3.4538+0.6737i	2.6020-0.1749i	-0.0579-0.1246i	0.8422+0.0054i
20.7	0.4118+0.2306i	-0.1766+0.6371i	-1.4584-0.7595i	-0.2667+0.2811i	2.9916+0.5872i	2.2511-0.2019i	-0.0245-0.1332i	0.7610-0.0086i
20.8	0.3950+0.1832i	-0.2024+0.6860i	-1.4345-0.6615i	-0.2550+0.2897i	2.8322+0.4235i	2.0906-0.2994i	-0.0480-0.1515i	0.7402-0.0307i
20.9	0.3699+0.1435i	-0.1981+0.7273i	-1.3814-0.5817i	-0.2429+0.2894i	2.6771+0.2819i	1.9277-0.2519i	-0.0777-0.1409i	0.6501-0.0236i
21.0	0.3424+0.0829i	-0.1179+0.7255i	-1.3107-0.4262i	-0.2049+0.2902i	2.4318-0.0650i	1.7173-0.3150i	-0.0614-0.0932i	0.5435-0.1195i
21.1	0.3195+0.0513i	-0.1028+0.7270i	-1.2190-0.3093i	-0.1968+0.3007i	2.2940-0.2288i	1.6743-0.3514i	-0.0526-0.0463i	0.5359-0.1706i
21.2	0.2844+0.0409i	-0.0865+0.7481i	-1.1314-0.2818i	-0.1827+0.3002i	2.1263-0.3251i	1.5932-0.3613i	-0.0691-0.0215i	0.5383-0.1793i
21.3	0.2714+0.0438i	-0.1217+0.7560i	-1.0819-0.3142i	-0.1998+0.3045i	2.1464-0.3079i	1.6201-0.3048i	-0.1313-0.0228i	0.5695-0.1268i
21.4	0.2572-0.0171i	0.0686+0.8114i	-1.1289-0.1812i	-0.1280+0.3354i	1.9096-0.6923i	1.4307-0.4882i	-0.0994-0.0567i	0.4685-0.1904i
21.5	0.2522-0.0331i	0.1562+0.9418i	-1.1380-0.1690i	-0.1051+0.3768i	1.9019-0.8193i	1.4806-0.5351i	-0.1017-0.0274i	0.4668-0.2577i
21.6	0.2359-0.0293i	0.2074+0.9545i	-1.0845-0.2310i	-0.0964+0.3786i	1.8063-0.7694i	1.4591-0.5029i	-0.0920+0.0383i	0.4326-0.2845i
21.7	0.2143-0.0396i	0.3089+0.8422i	-1.0654-0.1532i	-0.0638+0.3534i	1.6393-0.8329i	1.3688-0.4901i	-0.0740+0.0428i	0.4066-0.2772i
21.8	0.1790-0.0399i	0.3933+0.7156i	-1.0058-0.1283i	-0.0336+0.3163i	1.4850-0.8724i	1.2469-0.4642i	-0.0660+0.0308i	0.3325-0.2421i
21.9	0.1754-0.0347i	0.4717+0.7032i	-1.0311-0.1648i	-0.0219+0.3146i	1.5220-0.8527i	1.2567-0.4388i	-0.0247+0.0226i	0.3353-0.2532i
22.0	0.1672-0.0331i	0.5506+0.5387i	-1.0121-0.0794i	-0.0042+0.2854i	1.4504-0.8780i	1.2411-0.4537i	-0.0031+0.0557i	0.3283-0.2215i
22.1	0.1424-0.0346i	0.5327+0.3947i	-0.9207+0.0003i	0.0013+0.2586i	1.3356-0.9230i	1.1951-0.4414i	-0.0654+0.0687i	0.2480-0.2204i
22.2	0.1317-0.0364i	0.6604+0.3909i	-0.9708-0.0043i	0.0500+0.2594i	1.1954-0.9678i	1.1405-0.4369i	-0.0508+0.0465i	0.1579-0.2499i
22.3	0.1240-0.0430i	0.6568+0.2845i	-0.9528+0.0168i	0.0605+0.2380i	1.0161-1.0398i	1.0915-0.4617i	-0.0086+0.0185i	0.1569-0.2652i
22.4	0.1075-0.0480i	0.5893+0.1736i	-0.9123+0.0491i	0.0572+0.2170i	0.8493-1.0719i	1.0363-0.4833i	0.0082-0.0044i	0.1476-0.2645i
22.5	0.1074-0.0435i	0.5175+0.1645i	-0.9043+0.0008i	0.0382+0.2318i	0.8786-1.1080i	1.0253-0.4567i	0.0192+0.0101i	0.1699-0.2819i
22.6	0.1102-0.0500i	0.5309+0.0747i	-0.9177+0.0592i	0.0471+0.2443i	0.8725-1.3523i	1.1354-0.5598i	0.0255-0.0108i	0.2186-0.2766i
22.7	0.0956-0.0425i	0.5444+0.0071i	-0.9239+0.1203i	0.0722+0.2201i	0.6884-1.2425i	1.1178-0.5795i	0.0240-0.0578i	0.1657-0.2456i
22.8	0.0871-0.0453i	0.4317-0.1102i	-0.8396+0.1509i	0.0738+0.1937i	0.5399-1.2610i	0.9709-0.6153i	0.0398-0.0279i	0.1316-0.2352i
22.9	0.0858-0.0526i	0.3850-0.2576i	-0.8403+0.1986i	0.0655+0.1978i	0.5042-1.5061i	1.0055-0.7043i	0.0065+0.0474i	0.1309-0.2434i
23.0	0.0883-0.0495i	0.3090-0.3093i	-0.8593+0.1592i	0.0578+0.2028i	0.3626-1.6135i	0.9784-0.7578i	0.1218+0.1282i	0.0985-0.2801i
23.1	0.0669-0.0497i	0.1188-0.2815i	-0.7625+0.1696i	0.0832+0.1960i	-0.0948-1.5136i	0.8865-0.7097i	0.1251+0.0243i	0.0871-0.2910i
23.2	0.0575-0.0377i	0.0957-0.2770i	-0.7526+0.2049i	0.1064+0.1727i	-0.2165-1.3511i	0.8907-0.7557i	0.0175+0.0166i	0.0789-0.2565i
23.3	0.0513-0.0168i	0.0899-0.1575i	-0.7522+0.1733i	0.1112+0.1332i	-0.2795-0.8453i	0.8518-0.6540i	0.0006+0.0254i	0.0282-0.2029i
23.4	0.0556-0.0153i	0.0235-0.1562i	-0.7309+0.2021i	0.1095+0.1202i	-0.3492-0.7850i	0.7654-0.6287i	0.1084-0.0916i	0.0079-0.2022i
23.5	0.0589-0.0143i	-0.0622-0.1432i	-0.7100+0.2202i	0.0970+0.1071i	-0.4829-0.6826i	0.6754-0.6161i	0.1207-0.1910i	-0.0205-0.1860i
23.6	0.0574-0.0125i	-0.1036-0.1003i	-0.7053+0.2116i	0.0882+0.1128i	-0.4814-0.5815i	0.7473-0.6207i	0.0664-0.0561i	0.0062-0.1870i
23.7	0.0552-0.0092i	-0.0994-0.0346i	-0.7016+0.2361i	0.0865+0.1045i	-0.4326-0.4472i	0.7714-0.6691i	0.0341-0.0003i	0.0349-0.1616i
23.8	0.0602-0.0091i	-0.1162+0.0429i	-0.6807+0.2068i	0.0730+0.0916i	-0.4183-0.2389i	0.7378-0.6254i	0.0531+0.0079i	0.0322-0.1703i
23.9	0.0578-0.0123i	-0.1019+0.0384i	-0.6096+0.2301i	0.0680+0.0599i	-0.3523-0.0916i	0.6216-0.6182i	0.0192-0.0292i	0.0464-0.1460i
24.0	0.0539-0.0161i	-0.1196+0.0514i	-0.5939+0.2391i	0.0665+0.0570i	-0.3041-0.1488i	0.5667-0.6218i	-0.0271-0.1170i	0.0254-0.1307i
24.1	0.0514-0.0080i	-0.1579+0.1103i	-0.5419+0.2297i	0.0606+0.0674i	-0.3613-0.1272i	0.5718-0.6475i	0.1180-0.0871i	-0.0262-0.1346i
24.2	0.0561-0.0084i	-0.1375+0.0336i	-0.4938+0.2535i	0.0572+0.0524i	-0.2927-0.1033i	0.4842-0.6819i	0.1438-0.0679i	0.0149-0.1564i
24.3	0.0605-0.0102i	-0.0947+0.0596i	-0.5249+0.2589i	0.0558+0.0527i	-0.1214-0.0620i	0.4523-0.6486i	0.1406-0.0925i	0.0877-0.0891i
24.4	0.0552-0.0090i	-0.1123+0.0995i	-0.4815+0.2498i	0.0468+0.0537i	-0.1529+0.0210i	0.4434-0.5899i	0.0908-0.0552i	0.0661-0.0233i
24.5	0.0517-0.0061i	-0.1255+0.0969i	-0.4360+0.2499i	0.0372+0.0487i	-0.2074+0.0573i	0.4035-0.6272i	0.0562-0.0073i	0.0216-0.0678i

24.6	0.0475-0.0023i	-0.0914+0.1013i	-0.3980+0.2321i	0.0370+0.0509i	-0.1065+0.0512i	0.3997-0.6452i	-0.0636-0.1043i	0.0328-0.0975i
24.7	0.0461-0.0094i	-0.0562+0.1143i	-0.3822+0.2924i	0.0548+0.0408i	-0.0306+0.0506i	0.2809-0.6215i	-0.0856-0.1475i	0.0438-0.0655i
24.8	0.0451-0.0079i	-0.0918+0.0703i	-0.3644+0.2466i	0.0372+0.0336i	-0.0133+0.0529i	0.2241-0.5777i	-0.0510-0.0158i	0.0144-0.0527i
24.9	0.0445-0.0035i	-0.0997+0.0855i	-0.3423+0.2311i	0.0310+0.0347i	-0.0012+0.1073i	0.2126-0.5799i	-0.0841+0.0874i	-0.0065-0.1073i
25.0	0.0482+0.0027i	-0.0753+0.0904i	-0.3306+0.1965i	0.0219+0.0389i	0.1353+0.0961i	0.1848-0.4794i	0.0015-0.0110i	0.0004-0.0830i
25.1	0.0457+0.0009i	-0.0826+0.0832i	-0.3260+0.1770i	0.0153+0.0374i	0.0673+0.0234i	0.1658-0.3924i	-0.0112-0.0216i	0.0053-0.0684i
25.2	0.0405-0.0033i	-0.0880+0.0519i	-0.2801+0.1854i	0.0161+0.0262i	-0.0124-0.0052i	0.1451-0.3402i	-0.0303+0.0198i	0.0278-0.0372i
25.3	0.0412+0.0041i	-0.0872+0.0624i	-0.2671+0.1897i	0.0177+0.0292i	0.0427+0.0014i	0.1499-0.3081i	0.0218-0.0679i	-0.0138-0.0069i
25.4	0.0464+0.0040i	-0.1012+0.0760i	-0.2415+0.1994i	0.0139+0.0206i	0.0796+0.0780i	0.1102-0.2704i	0.0903-0.0865i	-0.0591-0.0040i
25.5	0.0468+0.0128i	-0.1117+0.0730i	-0.2125+0.1200i	0.0068+0.0243i	0.1192+0.0648i	0.1114-0.3043i	0.0139+0.0347i	-0.0359-0.0463i
25.6	0.0445+0.0075i	-0.1157+0.0435i	-0.2091+0.1305i	0.0051+0.0159i	0.0921+0.0645i	0.1354-0.2749i	-0.0114+0.0290i	0.0160-0.0205i
25.7	0.0488+0.0086i	-0.1422+0.0292i	-0.1840+0.1429i	0.0031+0.0140i	0.0977+0.0959i	0.1703-0.2322i	0.0026-0.0548i	0.0184+0.0278i
25.8	0.0484+0.0111i	-0.1397+0.0545i	-0.1775+0.1011i	-0.0003+0.0162i	0.0812+0.0763i	0.1958-0.2153i	-0.0507-0.0326i	0.0363+0.0099i
25.9	0.0461+0.0098i	-0.1558+0.0608i	-0.1423+0.0693i	-0.0119+0.0177i	0.0622+0.0591i	0.2288-0.2037i	-0.1133+0.0403i	0.0546+0.0094i
26.0	0.0492+0.0128i	-0.1616+0.0574i	-0.1841+0.0341i	-0.0109+0.0170i	0.0876+0.0186i	0.2328-0.1749i	-0.0084-0.0315i	0.0183+0.0055i
26.1	0.0511+0.0121i	-0.1493+0.0505i	-0.2126+0.0538i	-0.0108+0.0112i	0.1173+0.0628i	0.1814-0.1976i	-0.0314+0.0147i	0.0035-0.0018i
26.2	0.0545+0.0142i	-0.1742+0.0325i	-0.2212+0.0474i	-0.0137+0.0082i	0.0385+0.0542i	0.1356-0.2062i	0.0397+0.1120i	0.0081-0.0489i
26.3	0.0598+0.0113i	-0.1695+0.0311i	-0.1997+0.0464i	-0.0148+0.0094i	0.0695+0.0415i	0.1390-0.1985i	0.0648+0.1292i	0.0508-0.0473i
26.4	0.0555+0.0107i	-0.1677+0.0256i	-0.1241+0.0223i	-0.0264+0.0051i	0.1538+0.0060i	0.1735-0.1473i	0.0061+0.0587i	0.0639+0.0198i
26.5	0.0564+0.0092i	-0.1963+0.0717i	-0.1049+0.0166i	-0.0310+0.0168i	0.1433+0.0694i	0.1861-0.1492i	-0.0673+0.0983i	0.0552-0.0262i
26.6	0.0575+0.0095i	-0.2141+0.0491i	-0.0993-0.0072i	-0.0297+0.0156i	0.1136+0.0812i	0.1943-0.1030i	-0.0789+0.0454i	0.0615-0.0552i
26.7	0.0560+0.0066i	-0.2197+0.0417i	-0.1425-0.0170i	-0.0332+0.0092i	0.0878+0.0948i	0.2215-0.1054i	0.0120-0.0609i	0.0760-0.0331i
26.8	0.0580+0.0043i	-0.2211+0.0419i	-0.1213+0.0066i	-0.0390+0.0036i	0.0679+0.0581i	0.1765-0.0960i	-0.0104+0.0286i	0.0941+0.0284i
26.9	0.0527+0.0121i	-0.2252+0.0008i	-0.0526-0.0612i	-0.0455+0.0021i	0.0840+0.0670i	0.1590-0.0185i	-0.0269-0.0234i	0.0536+0.0407i
27.0	0.0479+0.0140i	-0.2268-0.0183i	0.0078-0.0882i	-0.0405-0.0012i	0.0772+0.0692i	0.1713+0.0416i	-0.1586+0.0227i	0.0756+0.0082i
27.1	0.0529+0.0152i	-0.2725-0.0297i	-0.0448-0.1047i	-0.0537+0.0009i	0.0553+0.0585i	0.1891+0.0517i	0.0288-0.0757i	0.1016+0.0685i
27.2	0.0540+0.0157i	-0.2855-0.0198i	-0.0312-0.1393i	-0.0511+0.0013i	0.1089+0.0117i	0.1705+0.0818i	-0.0100-0.0147i	0.0759+0.0806i
27.3	0.0596+0.0175i	-0.3211+0.0412i	-0.0977-0.1354i	-0.0554+0.0106i	0.0706+0.0549i	0.2727+0.0378i	-0.0779+0.0796i	0.0704+0.0267i
27.4	0.0558+0.0196i	-0.3260+0.0386i	-0.0960-0.1311i	-0.0633+0.0098i	0.0378+0.1573i	0.2474+0.0267i	-0.0427-0.0678i	0.0971-0.0084i
27.5	0.0568+0.0267i	-0.3442+0.0406i	-0.1035-0.1948i	-0.0697+0.0072i	0.0411+0.1668i	0.2713+0.0668i	-0.0908-0.1844i	0.1403+0.0068i
27.6	0.0640+0.0277i	-0.3877+0.0473i	-0.1010-0.2556i	-0.0809+0.0066i	0.0185+0.1973i	0.2721+0.0950i	0.0015-0.1785i	0.1505+0.0353i
27.7	0.0601+0.0290i	-0.3765+0.0297i	-0.0561-0.2714i	-0.0771+0.0046i	-0.0009+0.1545i	0.2299+0.0771i	0.0014+0.0126i	0.1317+0.0384i
27.8	0.0635+0.0455i	-0.3507+0.0210i	-0.0443-0.2450i	-0.0652+0.0079i	0.0239+0.1260i	0.1950+0.1036i	-0.0415+0.0223i	0.0841+0.0109i
27.9	0.0659+0.0398i	-0.3462+0.0382i	-0.0666-0.2915i	-0.0752-0.0040i	0.1428+0.1756i	0.2024+0.1449i	-0.0764+0.0397i	0.0932-0.0065i
28.0	0.0722+0.0367i	-0.3334+0.0726i	-0.1378-0.3059i	-0.0829+0.0024i	0.1936+0.2146i	0.2714+0.1223i	-0.0183+0.0028i	0.1078-0.0065i
28.1	0.0773+0.0317i	-0.3060+0.0782i	-0.1567-0.2446i	-0.0715+0.0072i	0.2201+0.2380i	0.2777+0.0770i	-0.0823-0.1057i	0.1113-0.0214i
28.2	0.0844+0.0270i	-0.3249+0.1024i	-0.2107-0.2230i	-0.0804+0.0184i	0.2669+0.2142i	0.3424+0.0604i	-0.1450-0.0446i	0.1500-0.0159i
28.3	0.0876+0.0279i	-0.3418+0.0695i	-0.1956-0.2402i	-0.0865+0.0061i	0.2334+0.1692i	0.3350+0.0795i	-0.1336-0.0101i	0.1368+0.0249i
28.4	0.0990+0.0327i	-0.3625+0.0380i	-0.2134-0.2339i	-0.0914-0.0013i	0.2717+0.1660i	0.3055+0.0963i	-0.0479-0.0141i	0.1167+0.0468i
28.5	0.1101+0.0295i	-0.3876+0.0221i	-0.2178-0.2179i	-0.1058+0.0065i	0.2601+0.0966i	0.3099+0.0779i	0.0538-0.0037i	0.1317+0.0477i
28.6	0.1109+0.0253i	-0.3972+0.0390i	-0.2125-0.2078i	-0.1047+0.0051i	0.2435+0.0662i	0.3011+0.0676i	0.0350+0.0012i	0.1258+0.0097i
28.7	0.1112+0.0274i	-0.4153+0.0254i	-0.2157-0.2049i	-0.1096-0.0039i	0.3049+0.0837i	0.2877+0.0867i	0.0034-0.1026i	0.1221+0.0416i
28.8	0.1133+0.0218i	-0.4334+0.0317i	-0.2081-0.1724i	-0.1099+0.0078i	0.2508+0.0951i	0.2581+0.0623i	-0.1058+0.0290i	0.0863+0.0217i
28.9	0.1222+0.0164i	-0.4569+0.0361i	-0.1911-0.1603i	-0.1145+0.0071i	0.2390+0.1597i	0.2800+0.0612i	-0.0874+0.1495i	0.1109-0.0288i
29.0	0.1226+0.0168i	-0.4777+0.0261i	-0.1746-0.1667i	-0.1263+0.0072i	0.2714+0.1027i	0.2861+0.0401i	-0.0319+0.1200i	0.1130+0.0024i
29.1	0.1256+0.0173i	-0.4900+0.0410i	-0.1837-0.1625i	-0.1368+0.0120i	0.2650+0.0917i	0.2581+0.0326i	0.0137-0.0617i	0.1296+0.0117i
29.2	0.1352+0.0159i	-0.5128+0.0196i	-0.1653-0.1597i	-0.1302+0.0054i	0.2429+0.1252i	0.2492+0.0704i	0.0565-0.1234i	0.1420+0.0575i
29.3	0.1457+0.0046i	-0.5837+0.0561i	-0.1415-0.1626i	-0.1507+0.0121i	0.2695+0.0699i	0.2857+0.0772i	0.0341-0.0035i	0.1375+0.0296i
29.4	0.1352-0.0005i	-0.6042+0.0794i	-0.1137-0.1735i	-0.1696+0.0157i	0.3308+0.0595i	0.2739+0.0857i	-0.0516-0.0233i	0.1506+0.0161i
29.5	0.1345+0.0012i	-0.5883+0.0651i	-0.0902-0.1606i	-0.1666+0.0127i	0.2981+0.0045i	0.1956+0.0562i	0.0313-0.0266i	0.1479-0.0021i
29.6	0.1428-0.0038i	-0.6276+0.0685i	-0.0821-0.1609i	-0.1726+0.0134i	0.2286+0.0508i	0.2120+0.0560i	0.0179+0.0821i	0.1413-0.0226i
29.7	0.1472-0.0146i	-0.6588+0.1083i	-0.0736-0.1707i	-0.1779+0.0263i	0.2898+0.0695i	0.2102+0.1133i	0.0390+0.0067i	0.1575-0.0484i
29.8	0.1577-0.0203i	-0.7322+0.1219i	-0.0529-0.1656i	-0.2016+0.0375i	0.2838+0.0595i	0.2312+0.1511i	-0.0314-0.0113i	0.2280-0.0103i
29.9	0.1631-0.0095i	-0.7747+0.1237i	-0.0514-0.1360i	-0.2250+0.0456i	0.2338+0.0396i	0.2259+0.2685i	-0.1016-0.0062i	0.2328+0.0047i
30.0	0.1668-0.0114i	-0.8085+0.1197i	0.0043-0.1745i	-0.2280+0.0283i	0.2056+0.0175i	0.1594+0.2529i	0.0205+0.1222i	0.1971+0.0073i
30.1	0.1734-0.0205i	-0.8455+0.1494i	0.0489-0.1868i	-0.2351+0.0312i	0.2273+0.0694i	0.1470+0.2131i	-0.0069+0.1769i	0.1969-0.0134i
30.2	0.1805-0.0266i	-0.8808+0.1422i	0.0724-0.1931i	-0.2402+0.0344i	0.2284-0.0148i	0.1178+0.2261i	0.0067+0.0482i	0.1888-0.0046i
30.3	0.1903-0.0300i	-0.9560+0.1436i	0.1204-0.2011i	-0.2613+0.0343i	0.2017+0.0065i	0.0851+0.3386i	-0.0969+0.2964i	0.1933-0.0246i
30.4	0.2006-0.0394i	-1.0333+0.2249i	0.1671-0.2352i	-0.2834+0.0503i	0.2598+0.0452i	0.1233+0.3444i	0.0854+0.2209i	0.2218-0.0286i
30.5	0.2154-0.0417i	-1.1169+0.2501i	0.2000-0.2707i	-0.3142+0.0586i	0.2896+0.0573i	0.0855+0.2930i	0.1078+0.0310i	0.2613-0.0283i
30.6	0.2238-0.0509i	-1.1563+0.3123i	0.2268-0.3077i	-0.3265+0.0791i	0.2754+0.0006i	0.0613+0.3266i	0.0538+0.0197i	0.2362-0.0333i
30.7	0.2381-0.0790i	-1.2220+0.4220i	0.2631-0.3678i	-0.3406+0.1118i	0.2220-0.0542i	0.0892+0.3880i	0.1899+0.0470i	0.2109-0.0754i
30.8	0.2421-0.0893i	-1.2521+0.4829i	0.2835-0.4027i	-0.3511+0.1277i	0.2187+0.0081i	0.0905+0.4077i	0.2644+0.1686i	0.2198-0.0775i

30.9	0.2549-0.0889i	-1.3291+0.5300i	0.3046-0.4365i	-0.3813+0.1373i	0.2397+0.0732i	0.0344+0.4446i	0.2179+0.1367i	0.2392-0.0863i
31.0	0.2599-0.1247i	-1.3605+0.6888i	0.3452-0.5341i	-0.3967+0.1761i	0.2455+0.0786i	0.0140+0.5241i	0.2690+0.2831i	0.2887-0.1257i
31.1	0.2712-0.1545i	-1.4312+0.8555i	0.3492-0.6202i	-0.4227+0.2173i	0.3450+0.0397i	0.0041+0.5563i	0.2591+0.1256i	0.3183-0.0996i
31.2	0.2849-0.1951i	-1.5233+1.0586i	0.4028-0.6769i	-0.4493+0.2733i	0.3735+0.0619i	-0.0182+0.6212i	0.1656+0.0571i	0.2976-0.1393i
31.3	0.2755-0.2427i	-1.4971+1.2833i	0.3877-0.7731i	-0.4588+0.3294i	0.3760+0.0410i	0.0460+0.6658i	0.2183+0.0521i	0.3058-0.1564i
31.4	0.2820-0.2880i	-1.5364+1.5127i	0.3845-0.8475i	-0.4748+0.3948i	0.2976+0.0935i	0.0216+0.7305i	0.1892+0.1374i	0.3339-0.1892i
31.5	0.2693-0.3565i	-1.4831+1.8512i	0.3711-0.9345i	-0.4634+0.4975i	0.3137+0.1219i	0.0348+0.8164i	0.1973+0.2650i	0.3680-0.2395i
31.6	0.2216-0.4068i	-1.2292+2.1226i	0.3476-1.0236i	-0.3966+0.5757i	0.3660+0.0767i	0.0588+0.9019i	0.6018+0.0408i	0.2647-0.2695i
31.7	0.1374-0.4414i	-0.8439+2.3560i	0.2589-1.0663i	-0.2939+0.6587i	0.4305+0.0050i	0.1076+0.9675i	0.5437-0.0311i	0.1732-0.3117i
31.8	0.0575-0.4630i	-0.4514+2.4846i	0.1756-1.1174i	-0.1842+0.7028i	0.4441+0.0480i	0.1526+1.0390i	0.3698-0.1300i	0.1374-0.3203i
31.9	0.0016-0.4644i	-0.1586+2.4738i	0.1657-1.1576i	-0.0980+0.7084i	0.5252+0.0126i	0.2225+1.1042i	0.2402-0.2943i	0.1471-0.2918i
32.0	-0.0620-0.4320i	0.1583+2.3275i	0.1847-1.2151i	0.0077+0.6768i	0.5496-0.0474i	0.2364+1.2043i	0.2155-0.1453i	0.0894-0.3013i
32.1	-0.0969-0.3839i	0.3281+2.1382i	0.2251-1.2846i	0.0613+0.6156i	0.5076-0.0854i	0.2221+1.2323i	0.1598-0.2219i	0.0441-0.2377i
32.2	-0.1479-0.3563i	0.5713+2.0213i	0.2131-1.4573i	0.1355+0.5762i	0.5130-0.1314i	0.2503+1.3456i	0.1113-0.4001i	0.0023-0.1471i
32.3	-0.1696-0.3406i	0.7027+1.9561i	0.1174-1.5893i	0.1647+0.5442i	0.5372-0.1611i	0.3155+1.4502i	0.1091-0.4804i	0.0035-0.1363i
32.4	-0.2259-0.2982i	1.0413+1.7898i	-0.0636-1.7158i	0.2532+0.4907i	0.5942-0.2142i	0.4544+1.6003i	-0.0107-0.3793i	-0.0097-0.0952i
32.5	-0.2620-0.2374i	1.2509+1.5089i	-0.2025-1.7644i	0.3077+0.4157i	0.5680-0.2814i	0.5808+1.7393i	-0.1311-0.1694i	-0.0250-0.0212i
32.6	-0.2769-0.1841i	1.3506+1.2517i	-0.3708-1.7793i	0.3286+0.3518i	0.5868-0.3403i	0.7537+1.8257i	-0.1789-0.0728i	0.0110+0.0281i
32.7	-0.2385-0.1244i	1.2716+0.9428i	-0.5631-1.8014i	0.3071+0.2579i	0.5788-0.3688i	1.0697+1.8956i	-0.1613-0.0311i	0.1133+0.0930i
32.8	-0.1962-0.0841i	1.0875+0.6592i	-0.7445-1.6915i	0.2418+0.1717i	0.4740-0.4395i	1.3859+1.8109i	-0.1613-0.0523i	0.1847+0.1056i
32.9	-0.1646-0.0927i	0.9668+0.6267i	-0.8495-1.5912i	0.2087+0.1631i	0.3058-0.4527i	1.6363+1.6748i	-0.1970-0.0975i	0.2345+0.0916i
33.0	-0.1755-0.0639i	0.9888+0.3575i	-0.9527-1.5290i	0.2046+0.0742i	0.2334-0.4196i	1.8368+1.5295i	-0.2149-0.0815i	0.2634+0.1512i
33.1	-0.1703-0.0539i	0.9378+0.2331i	-1.0642-1.4790i	0.1738+0.0286i	0.1873-0.3167i	1.9836+1.3205i	-0.1235+0.0096i	0.3014+0.0774i
33.2	-0.1420-0.0651i	0.7607+0.2335i	-1.0477-1.4170i	0.1094+0.0252i	0.1795-0.4214i	1.9525+1.1128i	0.0570+0.0945i	0.3307+0.0010i
33.3	-0.1096-0.0585i	0.6199+0.1949i	-1.1299-1.4267i	0.0618+0.0226i	0.1609-0.3883i	1.9781+0.9919i	0.0374+0.2065i	0.3958+0.0169i
33.4	-0.1130-0.0676i	0.5707+0.1739i	-1.2394-1.3885i	0.0323+0.0151i	0.1781-0.3469i	2.0189+0.9007i	0.0729+0.0728i	0.4170-0.0329i
33.5	-0.1297-0.0705i	0.5123+0.2080i	-1.2486-1.2743i	-0.0139+0.0377i	0.1957-0.3061i	1.9950+0.6869i	0.2700-0.1331i	0.3945-0.0973i
33.6	-0.1221-0.0554i	0.3914+0.1931i	-1.2271-1.1897i	-0.0678+0.0517i	0.1584-0.3074i	1.9493+0.5444i	0.0506-0.0495i	0.4293-0.0945i
33.7	-0.1414-0.0523i	0.3708+0.1928i	-1.2248-1.0487i	-0.0939+0.0830i	0.1052-0.3239i	1.8633+0.3555i	0.0420-0.1663i	0.4115-0.1497i
33.8	-0.1586-0.0403i	0.3436+0.2006i	-1.2031-0.9896i	-0.1241+0.1019i	0.1937-0.2408i	1.7505+0.2386i	0.0693-0.1764i	0.4812-0.1593i
33.9	-0.1632-0.0399i	0.3071+0.2235i	-1.1903-0.9811i	-0.1447+0.1309i	0.2316-0.2182i	1.6108+0.2266i	0.0487-0.0542i	0.4655-0.1936i
34.0	-0.1452+0.0135i	0.2014+0.1391i	-1.1817-1.0442i	-0.1934+0.1403i	0.2006-0.2997i	1.5270+0.3883i	-0.0728-0.0611i	0.4842-0.1639i
34.1	-0.1325+0.0228i	0.1289+0.1273i	-1.2454-1.0557i	-0.2262+0.1491i	0.1268-0.3491i	1.5524+0.5024i	-0.0880+0.0483i	0.5691-0.1076i
34.2	-0.1102+0.0198i	0.0462+0.1884i	-1.3071-1.0114i	-0.2476+0.1955i	0.1741-0.3465i	1.6319+0.5965i	-0.0269+0.0943i	0.6574-0.1196i
34.3	-0.0895+0.0158i	-0.0263+0.2178i	-1.3996-0.9310i	-0.2698+0.2259i	0.2051-0.3153i	1.7524+0.6202i	0.0635+0.0191i	0.6691-0.2035i
34.4	-0.0686+0.0162i	-0.0776+0.2619i	-1.4381-0.9035i	-0.2876+0.2667i	0.1124-0.2793i	1.8460+0.5776i	0.1919-0.0146i	0.7346-0.3114i
34.5	-0.0550-0.0101i	-0.1084+0.3371i	-1.4578-0.7679i	-0.2811+0.3218i	0.0911-0.2812i	1.9774+0.4226i	0.2114-0.0410i	0.8149-0.4417i
34.6	-0.0389-0.0072i	-0.1555+0.3724i	-1.4859-0.6869i	-0.2847+0.3628i	0.1507-0.3968i	2.0643+0.3455i	0.2270-0.1690i	0.8062-0.5510i
34.7	-0.0363+0.0059i	-0.1760+0.4476i	-1.5123-0.6081i	-0.2897+0.4409i	0.2038-0.3901i	2.1300+0.2109i	0.3516-0.2537i	0.8733-0.6734i
34.8	-0.0308-0.0091i	-0.1681+0.5215i	-1.4289-0.5146i	-0.2636+0.4896i	0.1706-0.3497i	2.0776+0.0590i	0.3334-0.2278i	0.8361-0.7955i
34.9	-0.0244-0.0219i	-0.1678+0.5978i	-1.3666-0.4003i	-0.2379+0.5497i	0.1063-0.3862i	2.0273-0.1736i	0.2642-0.3222i	0.7332-0.9409i
35.0	-0.0201-0.0218i	-0.1696+0.6415i	-1.3249-0.3544i	-0.2189+0.5926i	0.0921-0.4167i	1.9715-0.3000i	0.1716-0.4653i	0.6541-1.0920i
35.1	-0.0267-0.0380i	-0.0885+0.7414i	-1.2094-0.3124i	-0.1343+0.6828i	0.0990-0.4097i	1.7815-0.4962i	0.1165-0.3990i	0.5434-1.2165i
35.2	-0.0162-0.0679i	-0.0127+0.8099i	-1.0874-0.3056i	-0.0332+0.7061i	0.1415-0.4207i	1.5811-0.5787i	0.0744-0.4458i	0.3143-1.3289i
35.3	-0.0214-0.0772i	0.0718+0.8439i	-0.9863-0.3352i	0.0439+0.7218i	0.0862-0.4059i	1.3821-0.5979i	0.0267-0.4266i	0.1511-1.3894i
35.4	-0.0375-0.0812i	0.1403+0.8329i	-0.9282-0.3809i	0.1069+0.7027i	0.0439-0.4716i	1.2079-0.5050i	-0.0499-0.4557i	-0.0223-1.3479i
35.5	-0.0459-0.0866i	0.2047+0.8522i	-0.9065-0.4558i	0.1800+0.6918i	0.0081-0.4643i	1.0986-0.4004i	-0.1287-0.3189i	-0.1756-1.2474i
35.6	-0.0763-0.0747i	0.2629+0.8369i	-0.8959-0.4985i	0.2118+0.6748i	-0.1364-0.4725i	1.0161-0.3026i	-0.2157-0.2157i	-0.3121-1.1626i
35.7	-0.0783-0.0874i	0.3371+0.7844i	-0.8819-0.5827i	0.2815+0.6128i	-0.2056-0.4538i	0.9482-0.1202i	-0.3022-0.2180i	-0.4414-1.0271i
35.8	-0.0896-0.0833i	0.3872+0.7287i	-0.8946-0.6527i	0.3140+0.5515i	-0.1777-0.3816i	0.9130-0.0109i	-0.2582-0.1153i	-0.4582-0.8892i
35.9	-0.1166-0.0588i	0.4305+0.7027i	-0.9281-0.6647i	0.3160+0.5493i	-0.2049-0.4249i	0.8958+0.1202i	-0.2285-0.0657i	-0.4841-0.7780i
36.0	-0.1326-0.0544i	0.4736+0.6691i	-0.9311-0.6882i	0.3375+0.5213i	-0.1835-0.3128i	0.8941+0.2101i	-0.1438-0.0844i	-0.4922-0.7278i
36.1	-0.1558-0.0483i	0.4541+0.6092i	-0.9998-0.7032i	0.3183+0.4727i	-0.1410-0.3019i	1.0337+0.3117i	-0.0146-0.1139i	-0.5229-0.6388i
36.2	-0.1553-0.0022i	0.4616+0.5579i	-0.9769-0.7311i	0.3226+0.4645i	-0.1738-0.3397i	1.0197+0.3600i	0.0456-0.1339i	-0.4804-0.6041i
36.3	-0.1507-0.0004i	0.4681+0.5467i	-0.9751-0.7216i	0.3302+0.4583i	-0.1358-0.2681i	1.0678+0.4039i	0.0002-0.0390i	-0.3788-0.5204i
36.4	-0.1727+0.0305i	0.4682+0.5055i	-0.9935-0.7292i	0.3095+0.4522i	-0.1838-0.2490i	1.1432+0.5018i	-0.0387-0.1061i	-0.3985-0.4619i
36.5	-0.1581+0.0459i	0.4489+0.4389i	-1.0387-0.7773i	0.2997+0.4063i	-0.1831-0.2256i	1.2269+0.6084i	-0.0398-0.3533i	-0.4583-0.5345i
36.6	-0.1356+0.0365i	0.4626+0.4585i	-1.0714-0.8224i	0.3356+0.4085i	-0.1770-0.2877i	1.2945+0.6974i	0.0305-0.3463i	-0.3951-0.5081i
36.7	-0.0945+0.0207i	0.4659+0.4954i	-1.1410-0.8183i	0.3779+0.4132i	-0.2037-0.2992i	1.4218+0.7047i	0.0188-0.1954i	-0.3116-0.3791i
36.8	-0.0899+0.0214i	0.4585+0.4976i	-1.1746-0.8594i	0.3733+0.4064i	-0.2091-0.3535i	1.5003+0.7346i	-0.0767-0.2264i	-0.3338-0.3507i
36.9	-0.1360+0.0102i	0.5233+0.4562i	-1.2391-0.9303i	0.3892+0.3605i	-0.2293-0.3234i	1.6435+0.8275i	0.0342-0.2182i	-0.2406-0.4099i
37.0	-0.1287+0.0093i	0.5234+0.4126i	-1.3407-0.9208i	0.4016+0.3419i	-0.2881-0.2658i	1.8365+0.8676i	0.0160-0.2957i	-0.2608-0.4314i
37.1	-0.1280+0.0146i	0.5452+0.3931i	-1.4285-0.8503i	0.4295+0.3339i	-0.2501-0.3405i	2.0462+0.7608i	-0.0248-0.3426i	-0.1908-0.4603i

37.2	-0.1176+0.0354i	0.5602+0.3776i	-1.5049-0.8522i	0.4640+0.3467i	-0.3194-0.3254i	2.1455+0.6525i	-0.2310-0.2253i	-0.1520-0.3406i
37.3	-0.1175+0.0528i	0.5340+0.3202i	-1.5509-0.8524i	0.4488+0.3043i	-0.3498-0.2729i	2.2276+0.6074i	-0.3012-0.3518i	-0.2662-0.3916i
37.4	-0.1353+0.0549i	0.5403+0.2983i	-1.5361-0.7860i	0.4572+0.2751i	-0.3456-0.2425i	2.2939+0.4600i	-0.2835-0.2841i	-0.2934-0.4065i
37.5	-0.1570+0.0443i	0.5854+0.2505i	-1.6190-0.6346i	0.4733+0.2263i	-0.3795-0.1357i	2.4769+0.3152i	-0.2698-0.2764i	-0.1643-0.4169i
37.6	-0.1643+0.0646i	0.5903+0.2242i	-1.6476-0.6006i	0.4714+0.2131i	-0.3959-0.1738i	2.4717+0.2569i	-0.1917-0.2544i	-0.0313-0.5115i
37.7	-0.1485+0.0617i	0.5747+0.1968i	-1.6570-0.5787i	0.4898+0.1852i	-0.4034-0.1770i	2.4825+0.1735i	-0.2315-0.1910i	0.0045-0.5024i
37.8	-0.1602+0.0797i	0.5758+0.1593i	-1.7075-0.5840i	0.4781+0.1628i	-0.3678-0.0706i	2.5353+0.1162i	-0.3209-0.2280i	-0.0419-0.5145i
37.9	-0.1927+0.0813i	0.5574+0.1119i	-1.7446-0.5360i	0.4327+0.1259i	-0.3736-0.0097i	2.6304+0.0353i	-0.2964-0.3597i	-0.0828-0.6134i
38.0	-0.1737+0.0973i	0.5276+0.0971i	-1.7064-0.4644i	0.4445+0.1215i	-0.3144+0.0014i	2.6284-0.1048i	-0.2944-0.2928i	-0.0241-0.7101i
38.1	-0.1662+0.1294i	0.5335+0.0750i	-1.7128-0.3825i	0.4681+0.1452i	-0.4351+0.0016i	2.7160-0.2626i	-0.3207-0.0625i	0.0083-0.6340i
38.2	-0.2151+0.1992i	0.5329+0.0255i	-1.7196-0.3394i	0.4317+0.1449i	-0.4516+0.1155i	2.7610-0.4746i	-0.2623-0.1463i	0.0083-0.6612i
38.3	-0.1963+0.2727i	0.4885-0.0479i	-1.7665-0.2715i	0.4121+0.1356i	-0.3268+0.1531i	2.7743-0.6068i	-0.3796-0.3561i	-0.1605-0.8060i
38.4	-0.1319+0.3054i	0.4303-0.0394i	-1.8054-0.2549i	0.4224+0.1525i	-0.1998+0.0940i	2.7244-0.7216i	-0.4289-0.2727i	-0.2743-0.8197i
38.5	-0.1454+0.3701i	0.4105-0.0947i	-1.7017-0.2021i	0.3808+0.1514i	-0.1949+0.0927i	2.5374-0.8949i	-0.4772-0.3657i	-0.4226-1.0042i
38.6	-0.0852+0.3828i	0.3776-0.1495i	-1.6942-0.1203i	0.3999+0.0993i	-0.2192+0.1413i	2.4408-1.0625i	-0.4844-0.4379i	-0.4877-1.1240i
38.7	-0.0379+0.3853i	0.3151-0.1503i	-1.6903-0.0869i	0.3729+0.0987i	-0.1761+0.1642i	2.4140-1.0961i	-0.5016-0.2996i	-0.6171-1.0344i
38.8	0.0260+0.3996i	0.2873-0.1625i	-1.7044-0.0451i	0.3962+0.0909i	-0.1928+0.1768i	2.3114-1.2063i	-0.4498-0.2819i	-0.6012-1.0779i
38.9	0.0810+0.4273i	0.2686-0.1561i	-1.7100+0.0619i	0.4407+0.1216i	-0.1919+0.1973i	2.2724-1.3616i	-0.4606-0.2469i	-0.5796-0.9629i
39.0	0.1417+0.3927i	0.1971-0.1679i	-1.6105+0.2209i	0.4280+0.0753i	-0.1531+0.1737i	2.0328-1.4659i	-0.5029-0.1414i	-0.6987-0.9860i
39.1	0.1970+0.3857i	0.1464-0.1893i	-1.4732+0.2366i	0.4136+0.0588i	-0.1145+0.2260i	1.7279-1.4895i	-0.4774-0.2043i	-0.9139-1.1323i
39.2	0.2689+0.3923i	0.0870-0.2048i	-1.3886+0.1220i	0.4273+0.0621i	-0.0423+0.1318i	1.5709-1.3707i	-0.5625-0.2168i	-1.0385-1.1016i
39.3	0.2540+0.2970i	0.0557-0.1417i	-1.4158+0.1393i	0.3859+0.0264i	0.0083+0.1106i	1.5911-1.2274i	-0.6157-0.1512i	-1.1039-0.8055i
39.4	0.2581+0.2563i	0.0400-0.1300i	-1.3703+0.1776i	0.3704-0.0035i	0.0116+0.1988i	1.5452-1.1987i	-0.6617-0.0738i	-1.1253-0.6972i
39.5	0.3253+0.2158i	0.0097-0.0807i	-1.3398+0.1133i	0.3909+0.0165i	-0.0303+0.1268i	1.4007-1.0436i	-0.7145+0.0415i	-1.2121-0.4979i
39.6	0.3398+0.2101i	-0.0044-0.0578i	-1.3134+0.0850i	0.4095+0.0362i	0.0788+0.0474i	1.4225-1.0238i	-0.6695+0.1070i	-1.1476-0.4237i
39.7	0.3210+0.1736i	-0.0103-0.0276i	-1.4144-0.0496i	0.3786+0.0360i	0.0695+0.0621i	1.4839-0.7519i	-0.6393+0.0576i	-1.2362-0.4180i
39.8	0.3365+0.1439i	-0.0326-0.0182i	-1.4808-0.0375i	0.3887+0.0049i	0.0150+0.0877i	1.6429-0.7963i	-0.6995+0.1046i	-1.4160-0.4766i
39.9	0.3516+0.1273i	-0.0618-0.0033i	-1.4199+0.0670i	0.3703-0.0058i	0.0379+0.0095i	1.6005-0.9739i	-0.7606+0.2058i	-1.5304-0.3118i
40.0	0.3696+0.0446i	-0.1196-0.0012i	-1.2959+0.0428i	0.3327-0.0886i	0.0917-0.0139i	1.4315-0.8560i	-0.7373+0.1607i	-1.6240-0.3016i
40.1	0.4253+0.0126i	-0.1220-0.0045i	-1.3026-0.0035i	0.3928-0.1177i	0.0707-0.0380i	1.3301-0.8056i	-0.7200+0.0731i	-1.6828-0.2643i
40.2	0.3974-0.0385i	-0.1327+0.0360i	-1.3407+0.0990i	0.3583-0.1206i	0.0646-0.0297i	1.4528-0.7730i	-0.7826+0.2209i	-1.6804-0.0198i
40.3	0.3947-0.1221i	-0.0962+0.0898i	-1.3113+0.1195i	0.3933-0.1610i	-0.0213-0.0520i	1.3842-0.7566i	-0.6717+0.3716i	-1.4528+0.1792i
40.4	0.3678-0.1184i	-0.0866+0.0625i	-1.2815+0.1072i	0.3676-0.1812i	0.0393-0.0812i	1.3611-0.7031i	-0.5944+0.2713i	-1.3516+0.1078i
40.5	0.3223-0.0517i	-0.0785+0.0542i	-1.1827+0.0819i	0.3345-0.1098i	-0.0139-0.0760i	1.3345-0.7130i	-0.5706+0.2266i	-1.2775-0.0133i
40.6	0.3247-0.1389i	-0.0712+0.1199i	-1.1771-0.0128i	0.3372-0.1412i	-0.0018-0.0769i	1.2827-0.5877i	-0.4194+0.3118i	-1.3097+0.0661i
40.7	0.2601-0.2266i	-0.0793+0.1804i	-1.2023-0.0405i	0.2517-0.1677i	0.0520-0.2340i	1.4440-0.4621i	-0.4351+0.4590i	-1.2975+0.3784i
40.8	0.2401-0.1539i	-0.0291+0.1546i	-1.2162-0.0016i	0.2855-0.1121i	-0.0367-0.1876i	1.5633-0.5938i	-0.4789+0.3805i	-1.1777+0.4182i
40.9	0.1943-0.2564i	-0.0165+0.1905i	-1.2094+0.0073i	0.2399-0.1955i	-0.0620-0.1848i	1.5521-0.6107i	-0.5041+0.4165i	-1.0959+0.5548i
41.0	0.1523-0.2805i	-0.0389+0.1908i	-1.1705+0.0379i	0.1929-0.2110i	-0.0885-0.1757i	1.6015-0.5732i	-0.4968+0.4359i	-1.0937+0.5644i
41.1	0.0879-0.2348i	-0.0271+0.1736i	-1.2606-0.0184i	0.1313-0.1464i	-0.0929-0.2139i	1.8225-0.4739i	-0.4060+0.4113i	-1.1352+0.5514i
41.2	0.0367-0.2608i	-0.0002+0.1515i	-1.2978-0.0166i	0.1063-0.1918i	-0.1338-0.1670i	1.8421-0.4818i	-0.3118+0.5055i	-1.0584+0.4379i
41.3	0.0805-0.2034i	-0.0038+0.1372i	-1.2937-0.0179i	0.1595-0.1572i	-0.1732-0.1224i	1.8037-0.6315i	-0.2748+0.5098i	-1.0246+0.3609i
41.4	0.0356-0.2082i	0.0163+0.1406i	-1.2290+0.0546i	0.1302-0.1552i	-0.1000-0.0858i	1.6927-0.7256i	-0.3172+0.5543i	-0.8449+0.5368i
41.5	0.0567-0.2487i	-0.0051+0.1334i	-1.2292-0.0039i	0.1366-0.1861i	-0.0744-0.1355i	1.7193-0.5773i	-0.3532+0.4769i	-0.9052+0.5407i
41.6	0.0006-0.2280i	-0.0047+0.1396i	-1.2311-0.0498i	0.0871-0.1541i	-0.1633-0.1315i	1.8732-0.5959i	-0.3149+0.4723i	-0.9437+0.5307i
41.7	-0.0774-0.2020i	0.0113+0.1692i	-1.1391-0.0285i	0.0340-0.1219i	-0.2294-0.1949i	1.7679-0.7362i	-0.3418+0.6026i	-0.7279+0.6186i
41.8	-0.1022-0.1914i	0.0059+0.1492i	-1.1337-0.0245i	0.0261-0.1175i	-0.1725-0.1980i	1.7905-0.7426i	-0.3402+0.5513i	-0.7472+0.5815i
41.9	-0.0933-0.1513i	0.0257+0.1255i	-1.1997-0.0548i	0.0514-0.0852i	-0.2275-0.1441i	1.7904-0.7725i	-0.2309+0.6032i	-0.6822+0.5507i
42.0	-0.1001-0.1379i	0.0003+0.1309i	-1.1745-0.0483i	0.0351-0.0674i	-0.2372-0.1530i	1.7586-0.7909i	-0.2629+0.6627i	-0.6727+0.6494i
42.1	-0.1009-0.1261i	0.0031+0.1573i	-1.1579-0.1189i	0.0447-0.0350i	-0.2629-0.2034i	1.7797-0.7168i	-0.3184+0.6801i	-0.6457+0.6865i
42.2	-0.1249-0.1474i	0.0066+0.1240i	-1.2144-0.1236i	0.0476-0.0840i	-0.3017-0.1628i	1.9991-0.6790i	-0.3034+0.4955i	-0.6985+0.5518i
42.3	-0.1188-0.0232i	0.0326+0.1128i	-1.2892-0.1533i	0.1122+0.0192i	-0.3808-0.0638i	1.9623-0.8814i	-0.1997+0.6307i	-0.5699+0.5101i
42.4	-0.1448-0.0045i	0.0233+0.1030i	-1.2888-0.1905i	0.0710+0.0384i	-0.2818-0.0431i	1.8697-0.9197i	-0.1225+0.6454i	-0.4918+0.4962i
42.5	-0.1455+0.0221i	0.0253+0.0999i	-1.4361-0.1523i	0.0874+0.0188i	-0.2279+0.0107i	2.1274-1.0573i	-0.1298+0.6548i	-0.5245+0.5145i
42.6	-0.1105+0.0965i	0.0389+0.1260i	-1.5128+0.0209i	0.1270+0.0516i	-0.2310-0.0269i	2.0853-1.5949i	-0.1180+0.7187i	-0.4000+0.7188i
42.7	-0.0821+0.1166i	0.0382+0.1011i	-1.3441+0.0848i	0.1210+0.0410i	-0.2813+0.0600i	1.6559-1.6045i	-0.0416+0.6189i	-0.3071+0.6009i
42.8	-0.1011+0.0637i	0.0183+0.0985i	-1.0956+0.0072i	0.0709+0.0180i	-0.2417-0.0423i	1.3659-1.2630i	-0.0749+0.6175i	-0.2327+0.5419i
42.9	-0.1132+0.0902i	-0.0018+0.0816i	-1.1666-0.1508i	0.0381+0.0449i	-0.1819-0.0825i	1.5919-1.1074i	-0.0468+0.5093i	-0.3823+0.4608i
43.0	-0.0517+0.1394i	-0.0101+0.0672i	-1.4045-0.0906i	0.0864+0.0663i	-0.2116-0.0324i	1.6980-1.3094i	0.0795+0.4597i	-0.4422+0.4089i
43.1	0.0288+0.1374i	-0.0052+0.0564i	-1.4339+0.0190i	0.1844+0.0531i	-0.2321+0.0439i	1.4929-1.4151i	0.2035+0.4667i	-0.2959+0.4168i
43.2	0.0875+0.1291i	-0.0071+0.0594i	-1.3965+0.0692i	0.2425+0.0369i	-0.2443+0.0940i	1.3084-1.3753i	0.1032+0.4426i	-0.2570+0.4144i
43.3	0.1330+0.0709i	-0.0134+0.0332i	-1.2914+0.0779i	0.2404-0.0202i	-0.2002+0.1094i	1.1366-1.1585i	0.0418+0.4152i	-0.2684+0.4253i
43.4	0.1175+0.0592i	-0.0371+0.0038i	-1.2974-0.1128i	0.2097-0.0219i	-0.1764+0.0855i	1.2504-0.7789i	0.1332+0.4784i	-0.3643+0.3374i

43.5	0.0545+0.0649i	-0.0877-0.0100i	-1.2765-0.1099i	0.1525-0.0107i	-0.2935+0.0465i	1.4271-0.7432i	0.0422+0.3674i	-0.3782+0.2381i
43.6	0.0400+0.0674i	-0.1284+0.0387i	-1.3165-0.1949i	0.1397-0.0031i	-0.2214+0.0475i	1.5997-0.7410i	-0.0230+0.4260i	-0.4381+0.2197i
43.7	0.0451+0.0447i	-0.1020+0.0496i	-1.4715-0.1044i	0.1558-0.0555i	-0.2521+0.0536i	1.8398-0.9865i	0.0694+0.5494i	-0.5580+0.3313i
43.8	0.1037+0.0057i	-0.0849+0.0227i	-1.3444+0.1601i	0.1673-0.1279i	-0.2300-0.0127i	1.3310-1.2889i	0.0651+0.5173i	-0.4536+0.3584i
43.9	0.0859-0.0198i	-0.1263+0.0162i	-1.1111-0.0165i	0.1339-0.1189i	-0.1900+0.0624i	1.0556-0.8233i	0.0236+0.4575i	-0.3142+0.2237i
44.0	0.0598+0.0218i	-0.1622+0.0563i	-1.1762-0.1669i	0.1168-0.0294i	-0.2357+0.0969i	1.3350-0.6209i	-0.0049+0.4781i	-0.3703+0.3176i
44.1	0.0465+0.0696i	-0.1858+0.0742i	-1.2326-0.3008i	0.0970+0.0241i	-0.2676+0.0204i	1.5307-0.5948i	0.0567+0.4903i	-0.4466+0.2517i
44.2	0.1095+0.0595i	-0.1624+0.1293i	-1.3518-0.3844i	0.1717+0.0251i	-0.2039-0.0453i	1.5640-0.4532i	0.1272+0.5938i	-0.4250+0.2248i
44.3	0.0181+0.0374i	-0.1586+0.0629i	-1.6248-0.2826i	0.1247-0.0646i	-0.1895+0.0633i	2.3871-0.5629i	-0.0037+0.6097i	-0.6269+0.2201i
44.4	0.0317+0.1337i	-0.2034+0.1540i	-1.7378-0.1071i	0.0920+0.0320i	-0.2833+0.1771i	2.4342-1.3332i	0.0921+0.6232i	-0.6818+0.4729i
44.5	0.1355+0.1304i	-0.1376+0.1494i	-1.6452+0.1550i	0.1408+0.0422i	-0.1837+0.1160i	1.6218-1.7198i	0.3752+0.5631i	-0.4746+0.6373i
44.6	0.1034+0.0618i	-0.1119+0.1093i	-1.3838+0.1079i	0.1052-0.0048i	-0.1808+0.0261i	1.2141-1.2864i	0.3532+0.5266i	-0.3151+0.4962i
44.7	0.1578+0.0093i	-0.1465+0.1004i	-1.4954+0.0771i	0.1866-0.0510i	-0.2277+0.0122i	1.5773-1.0675i	0.2817+0.4545i	-0.3561+0.4750i
44.8	0.1686+0.0091i	-0.1561+0.1451i	-1.4163+0.1130i	0.1554-0.0407i	-0.1383+0.0764i	1.4200-1.1925i	0.2961+0.4601i	-0.3269+0.5393i
44.9	0.1050-0.0113i	-0.0653+0.1439i	-1.3188+0.0287i	0.1450-0.0238i	-0.1395+0.1287i	1.4606-0.7722i	0.2888+0.4039i	-0.2868+0.4366i
45.0	0.0801+0.0633i	-0.0618+0.0972i	-1.3128-0.2026i	0.1386+0.0569i	-0.2604+0.0376i	1.6242-0.6911i	0.2482+0.4045i	-0.3179+0.3923i
45.1	0.1334+0.1196i	-0.1532+0.1255i	-1.5776-0.2803i	0.1767+0.1129i	-0.3541+0.0448i	1.9640-0.8946i	0.2440+0.5141i	-0.4248+0.4554i
45.2	0.1745+0.0228i	-0.0969+0.1701i	-1.5924+0.1068i	0.2408+0.0162i	-0.2915+0.1253i	1.8077-1.3568i	0.3155+0.4018i	-0.3827+0.5205i
45.3	0.1292+0.0122i	-0.0560+0.1369i	-1.3921+0.0886i	0.2110-0.0126i	-0.1872+0.2046i	1.5598-1.2737i	0.2725+0.3548i	-0.3345+0.4916i
45.4	0.1660+0.0435i	-0.0730+0.0768i	-1.5060-0.0481i	0.2507-0.0140i	-0.1817+0.0451i	1.6552-1.1482i	0.2818+0.4511i	-0.3923+0.5259i
45.5	0.1941+0.0279i	-0.0919+0.1113i	-1.4301+0.0585i	0.2538+0.0005i	-0.1939+0.1073i	1.4206-1.2220i	0.3648+0.3607i	-0.3075+0.5573i
45.6	0.1179+0.0835i	-0.0737+0.0991i	-1.2729-0.1752i	0.1960+0.0934i	-0.2292+0.1350i	1.3578-0.8795i	0.3029+0.2822i	-0.2659+0.4503i
45.7	0.1557+0.1645i	-0.1143+0.0662i	-1.5904-0.4500i	0.2520+0.1309i	-0.2316+0.1119i	1.8754-0.7333i	0.3063+0.4384i	-0.4432+0.4548i
45.8	0.2287+0.1324i	-0.0772+0.0970i	-1.8444-0.1207i	0.3305+0.0490i	-0.1628+0.1319i	2.1194-1.3193i	0.3521+0.3662i	-0.4937+0.5470i
45.9	0.3178+0.1001i	-0.0194-0.0149i	-1.8031+0.1789i	0.3787-0.0254i	-0.0882+0.0544i	1.5789-1.7839i	0.5955+0.2112i	-0.1918+0.6886i
46.0	0.2735+0.0870i	-0.0819-0.0708i	-1.5794+0.0502i	0.3229-0.0013i	-0.1353+0.0392i	1.3251-1.3135i	0.5592+0.1201i	-0.1612+0.5983i
46.1	0.2635+0.1001i	-0.1337-0.0961i	-1.6477-0.1335i	0.3320+0.0092i	-0.2725-0.0851i	1.3482-0.9729i	0.4235+0.1048i	-0.2140+0.5003i
46.2	0.3739-0.0138i	-0.1741-0.0615i	-1.8426-0.0003i	0.4209-0.1299i	-0.3219-0.0851i	1.4846-0.9564i	0.3544+0.1311i	-0.1889+0.5593i
46.3	0.3653-0.0674i	-0.1755-0.1031i	-1.7396+0.1148i	0.3699-0.2111i	-0.2987-0.1022i	1.4520-1.0875i	0.4626+0.0892i	-0.0839+0.4742i
46.4	0.4059-0.0782i	-0.2104-0.2154i	-1.7498+0.1359i	0.4054-0.2492i	-0.3311-0.0039i	1.5058-1.1534i	0.4962-0.0230i	-0.0095+0.3713i
46.5	0.3863-0.1812i	-0.4165-0.2965i	-1.6359+0.1893i	0.2884-0.3456i	-0.4705+0.1153i	1.3245-1.1229i	0.4065-0.2143i	-0.0171+0.2239i
46.6	0.2914-0.2113i	-0.4757-0.0852i	-1.5770+0.0969i	0.2149-0.2945i	-0.4826+0.3377i	1.2574-0.9145i	0.1616-0.0670i	-0.2064+0.2750i
46.7	0.2556-0.2226i	-0.4010+0.0456i	-1.5759+0.1383i	0.2378-0.3086i	-0.3955+0.3508i	1.3104-0.8250i	0.1387+0.0034i	-0.2416+0.3310i
46.8	0.2553-0.2309i	-0.3866+0.0360i	-1.6050+0.0504i	0.2411-0.3338i	-0.3225+0.2799i	1.2381-0.6905i	0.1743-0.0451i	-0.2259+0.2636i
46.9	0.2547-0.2645i	-0.4099+0.0415i	-1.6872-0.0374i	0.2081-0.3869i	-0.2281+0.2932i	1.2920-0.4101i	0.1671+0.0877i	-0.2547+0.2924i
47.0	0.2522-0.2454i	-0.2859+0.1596i	-1.8130-0.0342i	0.1851-0.3210i	-0.2488+0.3391i	1.6043-0.4259i	0.2672+0.0897i	-0.1924+0.3267i
47.1	0.2778-0.2924i	-0.1479+0.0302i	-1.9318+0.0993i	0.2565-0.3633i	-0.1195+0.2756i	1.6614-0.5934i	0.2456-0.0367i	-0.1821+0.2781i
47.2	0.2419-0.3534i	-0.3081-0.1870i	-1.8140+0.2945i	0.1817-0.4596i	-0.1743+0.2458i	1.4761-0.6057i	0.2292-0.0955i	-0.2115+0.1732i
47.3	0.1045-0.3820i	-0.5025-0.0579i	-1.4990+0.3165i	-0.0068-0.4758i	-0.2900+0.2646i	1.4440-0.3461i	0.0676-0.0428i	-0.2788+0.1806i
47.4	-0.0267-0.3363i	-0.4188+0.0804i	-1.3343+0.0821i	-0.1233-0.3946i	-0.1821+0.3803i	1.5824-0.0729i	0.0680+0.0728i	-0.2835+0.1863i
47.5	-0.0154-0.2327i	-0.2697+0.0649i	-1.4543-0.2221i	-0.0789-0.2827i	-0.1777+0.3618i	1.6646+0.1880i	0.1036+0.0374i	-0.2829+0.1205i
47.6	0.0003-0.1967i	-0.0967+0.0084i	-1.6101-0.5215i	0.0209-0.2612i	-0.1195+0.2671i	1.9230+0.5668i	0.0493+0.0583i	-0.2999+0.0658i
47.7	0.0047-0.1765i	-0.1808-0.3051i	-2.0976-0.5193i	-0.0201-0.3748i	-0.0762+0.2025i	2.8489+0.5608i	0.1034+0.0824i	-0.4826-0.0217i
47.8	-0.0543-0.1365i	-0.3155-0.4152i	-2.2489-0.1810i	-0.1473-0.3722i	-0.0336+0.2685i	3.1104-0.1471i	0.0737+0.1443i	-0.6307+0.0989i
47.9	-0.0235-0.0959i	-0.5409-0.5046i	-2.1784+0.0662i	-0.1982-0.3252i	-0.1614+0.0511i	2.6616-0.4603i	-0.0067+0.1298i	-0.6249+0.2143i
48.0	0.0720-0.1050i	-0.7620-0.4158i	-2.2353-0.0493i	-0.1614-0.2954i	-0.2575+0.1458i	2.8777+0.0657i	0.0025+0.0505i	-0.7150+0.0856i
48.1	0.0394-0.1751i	-0.8291-0.3754i	-2.2851+0.2993i	-0.1979-0.3252i	-0.2887+0.2403i	3.3031-0.3719i	0.0196+0.0021i	-0.7955+0.1932i
48.2	-0.0154-0.0658i	-1.0468-0.4075i	-2.0274+0.0757i	-0.2823-0.2713i	-0.2202+0.1626i	3.1056-0.2089i	-0.0502+0.1476i	-0.7923+0.2506i
48.3	0.0262-0.0970i	-1.2262-0.1455i	-2.1769+0.1071i	-0.3485-0.2437i	-0.3039+0.1789i	3.3883-0.4050i	-0.0318+0.1628i	-0.9032+0.3458i
48.4	-0.0419-0.0900i	-0.9102+0.1470i	-2.0822+0.1077i	-0.3749-0.1003i	-0.2188+0.2070i	3.1785-0.7184i	0.0796+0.2015i	-0.7376+0.4729i
48.5	0.0564-0.0143i	-0.8774-0.0014i	-2.1903+0.0008i	-0.2825-0.0306i	-0.1475+0.0789i	3.1391-0.4901i	0.0650+0.2966i	-0.6475+0.4790i
48.6	0.1236-0.0723i	-1.0472+0.1124i	-2.4224+0.1029i	-0.2468-0.0348i	-0.2727+0.2200i	3.6657-0.5432i	-0.0683+0.3099i	-0.8413+0.5790i
48.7	0.0897-0.1724i	-1.1168+0.2446i	-2.4994+0.3709i	-0.2935-0.0663i	-0.2757+0.3083i	3.9052-0.7265i	-0.0771+0.3754i	-0.8752+0.6731i
48.8	0.0149-0.1754i	-0.9942+0.3107i	-2.5845+0.4915i	-0.3643-0.0090i	-0.1330+0.2744i	4.3073-0.9898i	0.1064+0.4892i	-0.8352+0.7384i
48.9	-0.0298-0.0980i	-0.9148+0.3323i	-2.3590+0.7146i	-0.3683+0.1139i	0.0323+0.3004i	3.9994-1.6510i	0.3781+0.4267i	-0.6375+0.8467i
49.0	-0.0736+0.0373i	-0.5819+0.1375i	-1.7202+0.3886i	-0.1587+0.2027i	0.0650+0.0268i	2.7285-1.0616i	0.2742+0.0882i	-0.4041+0.5372i
49.1	0.0379+0.0797i	-0.9110-0.1243i	-2.0012+0.1188i	-0.1423+0.0904i	-0.1702-0.0690i	3.2827-0.6114i	0.1306+0.2594i	-0.6510+0.5202i
49.2	0.1177+0.0830i	-1.1789-0.0056i	-2.1773+0.0119i	-0.1721+0.0706i	-0.2624+0.0622i	3.6911-0.4118i	0.1676+0.3727i	-0.7254+0.5486i
49.3	0.1776+0.0246i	-1.3835+0.2369i	-2.4418+0.0302i	-0.2129+0.0867i	-0.4009+0.1708i	4.4004-0.2133i	0.2784+0.3895i	-0.8701+0.5412i
49.4	0.2214-0.0779i	-1.4284+0.6131i	-2.8246+0.3390i	-0.2158+0.1580i	-0.3924+0.3674i	5.4994-0.9370i	0.3699+0.4080i	-1.0336+0.7711i
49.5	0.1382-0.0490i	-0.9601+0.8202i	-2.5305+0.7124i	-0.0857+0.2979i	-0.0628+0.4091i	4.9198-1.9423i	0.3116+0.2508i	-0.8780+0.9972i
49.6	0.1153+0.0198i	-0.7585+0.5798i	-2.3995+0.6319i	-0.0480+0.2895i	0.0472+0.2007i	4.4717-1.9128i	0.3069+0.1205i	-0.7474+0.9578i
49.7	0.1296+0.0328i	-0.8117+0.2267i	-2.3015+0.4861i	-0.0498+0.1845i	-0.1137-0.0486i	4.3492-1.7422i	0.2966+0.0414i	-0.6988+0.8156i

49.8	0.2427+0.0181i	-1.1636-0.0028i	-2.5386+0.3854i	-0.0399+0.1111i	-0.3649-0.1983i	4.7658-1.6013i	0.3068+0.1660i	-0.7687+0.8039i
49.9	0.3614-0.0641i	-1.3970+0.1810i	-2.7711+0.6661i	0.0307+0.1219i	-0.4637-0.1545i	5.1813-2.1720i	0.3550+0.2718i	-0.8015+1.0134i
50.0	0.3252-0.1051i	-1.5088+0.3106i	-2.5183+0.8267i	0.0016+0.0913i	-0.5672-0.1111i	4.7559-2.2922i	0.3671+0.3148i	-0.6828+1.0771i
50.1	0.3197-0.0960i	-1.4620+0.4449i	-2.5024+0.6312i	-0.0196+0.1011i	-0.4810+0.1909i	5.1115-1.9225i	0.4353+0.2892i	-0.6744+1.0012i
50.2	0.2708-0.1055i	-1.4490+0.7036i	-2.8140+0.9148i	-0.0807+0.2006i	-0.4179+0.2921i	5.8845-2.8602i	0.4587+0.1632i	-0.8094+1.2233i
50.3	0.2607-0.1770i	-1.5186+0.5853i	-2.7172+1.2383i	-0.0729+0.1237i	-0.4936+0.0698i	5.6099-3.7992i	0.5023+0.0283i	-0.6898+1.3154i
50.4	0.2955-0.1481i	-1.8069+0.5626i	-2.2994+1.3117i	-0.0877+0.1054i	-0.6117-0.1603i	4.6081-4.2196i	0.4412-0.0164i	-0.4695+1.3026i
50.5	0.2780-0.0778i	-1.6090+0.7439i	-2.0113+1.0924i	-0.0042+0.1838i	-0.6998+0.0452i	3.9562-3.7917i	0.2805-0.1042i	-0.3662+1.1165i
50.6	0.3755-0.0859i	-1.7274+0.7271i	-2.1460+0.7934i	0.0327+0.1277i	-0.8871+0.1520i	4.0747-3.1956i	0.1555-0.0320i	-0.5113+1.0115i
50.7	0.4449-0.2156i	-2.0267+1.1130i	-2.4663+0.8702i	-0.0329+0.1328i	-0.9909+0.3460i	4.5297-3.3201i	0.3012+0.0474i	-0.6093+1.1087i
50.8	0.4753-0.3217i	-1.7351+1.2715i	-2.3171+1.0374i	0.0600+0.0875i	-0.8035+0.2760i	4.3522-3.5095i	0.3049+0.0413i	-0.4712+1.1904i
50.9	0.4537-0.3642i	-1.7366+1.3077i	-2.2444+1.0151i	0.0372+0.0790i	-0.8367+0.2905i	4.5488-3.3077i	0.2324-0.0172i	-0.5627+1.1449i
51.0	0.3839-0.4901i	-1.4970+1.6852i	-2.0879+1.1254i	0.0521+0.0904i	-0.8082+0.6594i	4.4081-3.6990i	0.2139+0.0047i	-0.4493+1.2331i
51.1	0.2985-0.4834i	-1.1032+1.5447i	-1.8736+0.8330i	0.0790+0.0534i	-0.5257+0.6899i	4.0545-3.1700i	0.2526+0.0292i	-0.2966+1.0372i
51.2	0.2317-0.4018i	-1.1764+0.8107i	-2.3256+0.4942i	0.0341+0.0110i	-0.3741+0.2125i	5.2126-2.8077i	0.1954+0.0292i	-0.6453+0.9653i
51.3	0.2477-0.3698i	-1.9131+0.7058i	-2.5003+0.6516i	-0.1182-0.0105i	-0.8509+0.0778i	5.5211-3.5131i	0.1545+0.0930i	-0.7946+1.1662i
51.4	0.3688-0.4280i	-2.4204+1.3868i	-2.5757+0.6740i	-0.1745+0.1098i	-1.1723+0.4044i	5.7310-3.8008i	0.1054+0.1508i	-0.9361+1.3384i
51.5	0.3304-0.5966i	-2.2210+2.1480i	-2.6223+0.9356i	-0.1337+0.2108i	-1.0445+0.8116i	5.5784-4.7000i	0.1371+0.0941i	-0.8596+1.5784i
51.6	0.2991-0.5850i	-1.8861+2.1466i	-2.3440+0.8553i	-0.0199+0.1765i	-0.8758+0.8490i	4.9786-4.3991i	0.0695+0.1109i	-0.6774+1.4760i
51.7	0.2722-0.6611i	-1.4553+2.4687i	-2.6214+0.6605i	0.0415+0.1944i	-0.4994+1.0494i	5.7442-4.3024i	0.1197+0.1824i	-0.7779+1.5428i
51.8	0.1669-0.6852i	-0.9806+2.1344i	-2.7670+0.7716i	0.0837+0.1131i	-0.2924+0.6785i	5.8374-4.8539i	0.1493+0.1486i	-0.6994+1.6349i
51.9	0.2629-0.6787i	-1.6326+1.9273i	-2.7303+0.8138i	-0.0196+0.0675i	-0.8286+0.5589i	5.6599-5.1420i	0.0729+0.0821i	-0.8328+1.5942i
52.0	0.2478-0.7770i	-1.4677+2.4023i	-2.7338+0.7008i	-0.0168+0.1621i	-0.7071+0.8847i	5.5712-4.8895i	0.1096+0.2320i	-0.7682+1.6331i
52.1	-0.0555-0.8006i	-1.4722+1.4942i	-3.0397+0.5490i	-0.1401-0.0465i	-0.5555+0.2253i	6.3888-4.9849i	0.0393+0.2132i	-0.9134+1.7802i
52.2	0.0472-0.7113i	-2.6775+1.7244i	-3.3647+0.6300i	-0.3034+0.0386i	-1.3882+0.2839i	7.1824-5.8579i	-0.1151+0.2277i	-1.1308+2.0547i
52.3	0.0977-0.7503i	-2.2280+2.7807i	-3.6879+1.1078i	-0.1005+0.2984i	-1.3204+0.8073i	7.1456-7.1535i	-0.0001+0.3232i	-0.8625+2.4154i
52.4	0.0327-0.8004i	-1.5834+3.4174i	-3.4766+1.6531i	0.0656+0.3760i	-1.1703+1.2105i	5.8241-8.2471i	0.1143+0.3823i	-0.4388+2.4985i
52.5	-0.0156-0.9840i	-1.3294+3.7006i	-3.4022+1.2134i	0.0563+0.3305i	-0.9748+1.4828i	5.7759-7.1596i	0.1653+0.3018i	-0.5789+2.2744i
52.6	-0.2323-1.0715i	-0.9546+3.3402i	-3.8753+1.2049i	0.0469+0.1759i	-0.7823+1.1554i	6.4918-7.7858i	0.1543+0.3630i	-0.6690+2.5242i
52.7	-0.3042-0.9381i	-1.2045+3.5243i	-3.7473+1.8722i	-0.0161+0.2297i	-1.0904+1.3535i	5.5605-8.9349i	0.1994+0.4412i	-0.3346+2.7485i
52.8	-0.4192-0.8722i	-0.4466+3.5690i	-3.5129+1.5864i	0.0858+0.2506i	-0.5284+1.5675i	5.0451-8.2906i	0.1953+0.5077i	-0.1380+2.6325i
52.9	-0.4876-0.8130i	-0.4623+2.7952i	-4.2118+1.6388i	0.0814+0.0866i	-0.5735+0.8759i	6.0347-8.7891i	0.1885+0.4430i	-0.3495+2.7925i
53.0	-0.4153-0.7473i	-1.8884+3.1070i	-4.9384+2.2786i	-0.1799+0.1389i	-1.6214+0.9735i	7.0210-10.0962i	0.1926+0.5062i	-0.5103+3.0698i
53.1	-0.5267-0.9094i	-1.1234+4.4851i	-4.1744+3.3272i	-0.1528+0.2801i	-1.4715+2.1505i	4.8049-11.7124i	0.2404+0.6315i	0.2468+3.3818i
53.2	-0.7839-1.0809i	-0.2350+4.7171i	-3.5869+3.0865i	-0.1513+0.2638i	-0.8433+2.6162i	3.7301-11.1225i	0.2309+0.6805i	0.4133+3.2121i
53.3	-1.1046-0.8532i	0.7924+4.6179i	-3.5486+3.2331i	-0.0801+0.4052i	-0.2194+2.6213i	3.2485-11.3684i	0.4400+0.6841i	0.7136+3.1915i
53.4	-1.2530-0.4495i	1.3051+3.0582i	-3.2977+2.9772i	-0.0233+0.3070i	0.2140+1.7065i	2.5277-10.4192i	0.4300+0.5971i	0.8910+2.7982i
53.5	-1.1276-0.1438i	-0.1001+2.0774i	-3.9119+2.8084i	-0.1695+0.2595i	-0.6939+1.0171i	3.5609-9.7324i	0.2843+0.5259i	0.4646+2.6232i
53.6	-0.9274-0.3152i	-0.9163+3.8210i	-4.0057+3.7964i	-0.2272+0.4353i	-1.3684+2.3144i	3.6938-11.3531i	0.1939+0.6744i	0.4122+3.2341i
53.7	-0.9349-0.4315i	-0.0500+4.4674i	-3.3399+4.0208i	-0.1076+0.4412i	-0.7801+3.0009i	2.7329-11.6892i	0.2240+0.7472i	0.7551+3.3197i
53.8	-1.1409-0.4154i	0.3787+4.6188i	-3.5430+3.8188i	-0.1384+0.5442i	-0.3943+3.1190i	3.4374-11.6694i	0.2519+0.7684i	0.6508+3.3917i
53.9	-1.2401-0.2021i	0.6161+5.0301i	-3.8664+4.4286i	-0.0886+0.7843i	-0.2504+3.3050i	3.9488-13.2146i	0.3438+0.8713i	0.8046+3.8459i
54.0	-1.2067-0.0115i	0.9257+5.2337i	-3.4762+5.1660i	0.0139+0.8859i	0.0298+3.5950i	2.9518-14.8383i	0.5034+1.0115i	1.2219+4.0863i
54.1	-1.1237+0.1597i	1.5402+5.3828i	-2.6586+5.2110i	0.1292+0.9671i	0.5090+3.6389i	0.8651-14.9768i	0.5808+0.9857i	1.6636+3.9444i
54.2	-1.0620+0.1055i	2.5394+5.1630i	-2.2202+4.2629i	0.3377+0.9750i	1.1709+3.6485i	-0.6290-12.6826i	0.5986+0.9261i	1.6680+3.3697i
54.3	-1.2947+0.1685i	3.3883+4.9829i	-2.9232+4.5974i	0.5363+0.9745i	1.7360+3.5934i	0.6263-13.1934i	0.6387+1.0564i	1.6340+3.7594i
54.4	-1.2836+0.4949i	4.2366+4.1688i	-2.5294+5.8767i	0.8001+0.8160i	2.4080+3.1639i	-0.4164-15.5870i	0.8763+1.0636i	2.3358+4.2096i
54.5	-1.0271+0.7615i	4.2506+3.2763i	-1.6841+6.2070i	0.8911+0.6722i	2.5765+2.5910i	-2.3162-15.9553i	1.1136+1.0069i	2.9525+3.9929i
54.6	-0.7700+0.7735i	4.0255+2.6779i	-0.6790+5.9234i	0.8983+0.5072i	2.6067+2.2505i	-4.4241-14.9199i	1.1547+0.8620i	3.4487+3.4375i
54.7	-0.5877+0.6491i	3.5739+2.2701i	-0.1638+5.2867i	0.8246+0.3801i	2.2292+1.9523i	-5.3216-13.2486i	1.1004+0.6768i	3.3880+2.8191i
54.8	-0.7232+0.5854i	3.0545+2.4384i	-0.6811+4.7648i	0.6387+0.4600i	2.0719+2.1536i	-3.9227-12.4381i	1.0960+0.7907i	2.8460+2.8364i
54.9	-0.6702+0.8567i	3.2409+2.6267i	-0.7813+5.4287i	0.7843+0.6029i	2.4710+2.2243i	-3.8802-13.9855i	1.2097+0.9153i	3.0457+3.3835i
55.0	-0.5588+0.9455i	3.5014+2.3499i	-0.1363+5.5407i	0.8847+0.5119i	2.8204+1.7873i	-5.5570-13.9717i	1.4291+0.8223i	3.5559+3.2240i
55.1	-0.3825+0.7952i	3.3968+2.0537i	0.4878+5.1671i	0.9326+0.3295i	2.6240+1.5215i	-6.6828-12.9468i	1.5109+0.7597i	3.7739+2.7287i
55.2	-0.2725+0.7207i	3.2945+1.8538i	0.7877+4.9213i	0.9359+0.2038i	2.5888+1.3606i	-7.1783-12.4095i	1.6283+0.7828i	3.9934+2.5591i
55.3	-0.2065+0.7223i	3.2000+1.7271i	1.0856+4.5875i	0.9027+0.1861i	2.6157+1.1628i	-7.8512-11.5410i	1.6812+0.6076i	4.0718+2.3061i
55.4	-0.2062+0.6658i	3.1689+1.7187i	1.3075+4.0528i	0.8661+0.1751i	2.5756+1.0362i	-8.2558-10.3138i	1.7107+0.5237i	4.0425+1.9773i
55.5	-0.3903+0.7149i	3.3289+1.9941i	0.8684+3.4764i	0.8193+0.2825i	2.6500+1.1495i	-7.3108-9.2227i	1.6760+0.5583i	3.7163+1.9222i
55.6	-0.3814+0.8045i	3.7366+1.8826i	0.5806+3.6154i	0.9434+0.2561i	2.9072+1.1988i	-6.8811-9.6918i	1.7415+0.6849i	3.9369+2.1843i
55.7	-0.2086+0.8556i	3.9286+1.3067i	0.8552+3.7952i	1.0310+0.0957i	2.9682+0.6747i	-7.7181-9.9711i	2.1329+0.5639i	4.4236+1.9540i
55.8	-0.1514+0.8404i	3.8949+0.9857i	1.0740+3.6654i	1.0423+0.0136i	2.9213+0.3025i	-8.1791-9.5350i	2.1842+0.4455i	4.5716+1.6361i
55.9	-0.1102+0.7883i	3.7198+0.8287i	1.2753+3.4237i	1.0135-0.0525i	2.6631+0.1511i	-8.5739-8.9378i	2.0153+0.3951i	4.5986+1.4982i
56.0	-0.1826+0.7396i	3.3649+0.8191i	1.2481+3.0278i	0.9351-0.1064i	2.4433+0.3171i	-8.2895-8.1305i	2.0732+0.2209i	4.3347+1.2027i

56.1	−0.1929+0.8597i	3.4979+1.1605i	0.8456+2.9394i	0.9719−0.0496i	2.6226+0.5823i	−7.5590−8.2199i	2.1237+0.3826i	4.2985+1.5134i
56.2	0.0148+0.8770i	3.7799+0.9102i	1.0062+3.1515i	1.0356−0.1335i	2.8043+0.2914i	−8.3053−8.6393i	2.3978+0.2906i	4.7897+1.4713i
56.3	0.1222+0.7823i	3.7294+0.6666i	1.1677+3.0870i	1.0309−0.2067i	2.5223+0.0705i	−8.7622−8.2942i	2.5039+0.0736i	4.8911+1.1641i
56.4	0.0442+0.7668i	3.8423+0.5336i	1.1661+2.8494i	1.0267−0.2650i	2.5370−0.0850i	−8.9199−7.6827i	2.6516−0.1059i	5.0941+0.9436i
56.5	−0.0045+0.7687i	3.8597+0.3756i	1.1426+2.6563i	1.0269−0.3427i	2.5540−0.0298i	−8.8913−7.3010i	2.8238−0.0734i	5.2201+0.7607i
56.6	0.0476+0.7630i	3.8082+0.1261i	1.1354+2.5979i	1.0204−0.4524i	2.6437−0.0950i	−8.9819−7.2270i	3.0318−0.1510i	5.3080+0.5266i
56.7	0.0980+0.7532i	3.7637−0.0168i	1.0682+2.5667i	0.9899−0.5163i	2.7411−0.1506i	−9.0146−7.1066i	3.2216−0.3651i	5.3595+0.3654i
56.8	0.1031+0.7967i	3.6590−0.1618i	1.0302+2.4413i	0.9173−0.5753i	2.6773−0.3479i	−9.1236−6.8398i	3.4725−0.4543i	5.5211+0.2189i
56.9	0.1038+0.8076i	3.5570−0.3886i	1.0006+2.3601i	0.8461−0.6592i	2.6033−0.3336i	−9.2563−6.5932i	3.4082−0.6036i	5.6618+0.0604i
57.0	0.1406+0.7976i	3.5251−0.4771i	0.9665+2.4177i	0.8426−0.6961i	2.5839−0.2958i	−9.2148−6.5549i	3.4351−1.0069i	5.6293−0.1859i
57.1	0.0860+0.8137i	3.3723−0.6347i	1.0128+2.3215i	0.7493−0.7729i	2.5859−0.3038i	−9.2183−6.2053i	3.2106−1.2380i	5.3966−0.4321i
57.2	0.0614+1.0858i	3.3285−0.6216i	0.7104+2.1592i	0.6279−0.7006i	2.8160−0.2837i	−8.7452−6.0412i	3.2712−1.0225i	5.4023−0.1915i
57.3	0.3172+1.3377i	3.5918−0.7199i	0.4785+2.5130i	0.6735−0.6355i	3.1093−0.6509i	−8.6825−6.8635i	3.7208−1.1326i	5.8586+0.0283i
57.4	0.5338+1.2189i	3.5228−1.0891i	0.7801+2.6841i	0.6468−0.7243i	3.0876−0.9499i	−9.8742−6.9643i	4.0338−1.6831i	6.4511−0.4852i
57.5	0.6287+1.0716i	3.2871−1.2812i	1.0548+2.6962i	0.6048−0.8054i	2.8859−1.2801i	−10.6438−6.7346i	4.2929−2.2923i	6.7390−1.1316i
57.6	0.7286+1.0075i	3.0727−1.4236i	1.1796+2.6564i	0.5616−0.8225i	2.9273−1.4800i	−11.1749−6.4475i	4.6521−2.7521i	7.1742−1.6559i
57.7	0.8134+1.0102i	2.8960−1.5641i	1.2351+2.5145i	0.4918−0.8182i	2.8635−1.5083i	−11.5276−5.9780i	4.6357−2.9558i	7.2671−2.0060i
57.8	0.8826+0.9323i	2.7469−1.6198i	1.2969+2.4264i	0.4562−0.8159i	2.7345−1.7442i	−11.9353−5.4154i	4.5821−3.5940i	7.4328−2.6225i
57.9	0.8725+0.8429i	2.7065−1.6896i	1.4660+2.3341i	0.4294−0.8656i	2.7650−1.9577i	−12.4830−4.8378i	4.2352−4.3837i	7.1539−3.4256i
58.0	0.9085+0.7634i	2.5436−1.8519i	1.5917+2.2657i	0.3975−0.9664i	2.5555−2.1483i	−12.8371−4.2819i	3.5621−4.6755i	6.7896−3.8555i
58.1	0.9992+0.7521i	2.2936−1.9390i	1.5654+2.1772i	0.3434−0.9706i	2.3454−2.3962i	−12.8000−3.6867i	3.3611−5.1418i	6.6805−4.3414i
58.2	1.0298+0.6927i	2.0330−1.8880i	1.6079+2.0436i	0.2821−0.9682i	2.1617−2.3061i	−12.8778−3.1355i	2.9932−5.4835i	6.3503−4.8011i
58.3	1.0810+0.5239i	1.6374−1.2491i	1.6192+2.1046i	0.1641−0.9010i	1.8326−1.8879i	−13.0887−2.8811i	3.0032−5.6691i	6.4214−4.9346i
58.4	1.0131+0.5044i	2.5456−0.9906i	1.9602+2.0088i	0.2714−0.8253i	2.5817−1.9426i	−14.0087−2.0708i	2.8882−6.6680i	6.8903−5.9805i
58.5	0.9969+0.5758i	2.8746−1.6950i	2.1151+1.7240i	0.3235−0.9940i	2.7770−2.5761i	−14.1414−1.1456i	1.8429−7.3069i	6.0605−6.8270i
58.6	1.0995+0.6320i	2.6604−2.2861i	2.2129+1.4499i	0.2375−1.1292i	2.5440−3.0775i	−14.3555−0.3690i	1.1334−7.3829i	5.5959−7.2786i
58.7	1.2185+0.4542i	2.2990−2.4895i	2.2910+1.2514i	0.1214−1.2377i	1.9909−3.3844i	−14.5783+0.7865i	−0.0243−7.9087i	4.9453−8.4361i
58.8	1.2859+0.4193i	2.0182−2.6341i	2.1945+0.9917i	0.0009−1.2769i	1.6402−3.6135i	−14.2366+1.7647i	−0.7161−7.6614i	4.2205−8.7032i
58.9	1.3168+0.3636i	1.7267−2.7782i	2.1061+0.7930i	−0.1555−1.3318i	1.2779−3.7366i	−13.8885+2.6562i	−1.5495−7.7986i	3.3469−9.1052i
59.0	1.3303+0.2623i	1.4199−2.8286i	2.0388+0.6389i	−0.3261−1.3327i	0.8650−3.8114i	−13.5416+3.4513i	−2.2571−8.0586i	2.5773−9.4871i
59.1	1.4357+0.1729i	0.9073−2.6616i	1.7611+0.4826i	−0.5593−1.1801i	0.5019−3.8763i	−12.7453+4.2187i	−2.6993−8.0010i	1.6137−9.8243i
59.2	1.4691+0.0081i	0.5977−2.5724i	1.6479+0.3258i	−0.7173−1.0629i	0.0272−3.7929i	−11.9286+5.2066i	−4.0429−7.5393i	0.2050−9.9865i
59.3	1.4513−0.0433i	0.4168−2.5067i	1.4741+0.1547i	−0.8240−0.9814i	−0.3484−3.5067i	−11.1727+5.7091i	−4.7455−6.7300i	−0.8267−9.5538i
59.4	1.4644−0.0901i	0.1962−2.4485i	1.2025−0.0816i	−0.9211−0.8419i	−0.5985−3.3659i	−10.2778+6.5540i	−5.2032−6.0362i	−1.6165−9.1440i
59.5	1.4277−0.1273i	0.1321−2.3659i	1.1204−0.2093i	−0.9643−0.7115i	−0.7081−3.2649i	−9.7230+6.9677i	−5.7424−5.1793i	−2.2891−8.5487i
59.6	1.4211−0.1805i	−0.0096−2.1416i	0.9394−0.2668i	−1.0133−0.5045i	−0.9101−3.1498i	−8.8028+7.2649i	−6.4228−4.4299i	−3.3300−7.7931i
59.7	1.4535−0.2908i	−0.2329−2.0767i	0.6432−0.2166i	−1.0653−0.3828i	−1.2000−3.0255i	−7.7840+7.4458i	−6.4798−3.5765i	−3.7702−7.2858i
59.8	1.4289−0.2925i	−0.4158−1.9763i	0.4244−0.2760i	−1.0611−0.2710i	−1.3337−2.8680i	−6.8756+7.5372i	−5.9560−3.1052i	−3.8327−6.9868i
59.9	1.3502−0.3323i	−0.5397−1.8997i	0.2869−0.2520i	−1.0279−0.1303i	−1.5593−2.6123i	−5.8879+7.4508i	−5.9610−2.0154i	−4.2689−5.7549i
60.0	1.3988−0.4039i	−0.5524−1.7194i	0.0212−0.1856i	−0.9462−0.0174i	−1.6545−2.3133i	−5.0479+7.2120i	−5.9183−1.4105i	−4.3462−4.8499i
60.1	1.3561−0.4537i	−0.5604−1.5028i	−0.0418−0.1538i	−0.8569+0.1087i	−1.6889−2.0747i	−4.4954+7.0083i	−5.6131−0.7136i	−4.2304−4.1598i
60.2	1.2764−0.5259i	−0.5090−1.3420i	−0.1172+0.0075i	−0.7704+0.2539i	−1.7424−2.0004i	−3.9129+6.6040i	−5.3611−0.0866i	−4.3592−3.5223i
60.3	1.2719−0.5553i	−0.5541−1.2259i	−0.2005+0.0857i	−0.7003+0.3059i	−1.8515−1.8187i	−3.4104+6.1840i	−5.0414+0.0511i	−4.3400−2.9525i
60.4	1.2144−0.6051i	−0.5321−1.0643i	−0.2269+0.1757i	−0.5881+0.3923i	−1.7992−1.4463i	−2.9632+5.7749i	−4.8691+0.5399i	−4.2641−2.2666i
60.5	1.1930−0.7075i	−0.5032−0.8422i	−0.2874+0.3673i	−0.4629+0.4689i	−1.8793−1.0866i	−2.6202+5.2331i	−4.7240+0.7781i	−3.9561−2.0092i
60.6	1.1513−0.7385i	−0.4422−0.7344i	−0.2717+0.4180i	−0.3723+0.5060i	−1.8080−0.9300i	−2.5039+4.9250i	−4.5949+0.8332i	−4.0746−1.7214i
60.7	1.0895−0.7073i	−0.3769−0.6244i	−0.2564+0.4786i	−0.2860+0.4957i	−1.5680−0.7839i	−2.3181+4.3519i	−4.0335+0.5626i	−3.8760−1.6893i
60.8	1.0904−0.7041i	−0.3383−0.6034i	−0.4241+0.4579i	−0.2004+0.4502i	−1.4638−0.7855i	−2.0546+4.1365i	−3.7585+0.5704i	−3.3984−1.5093i
60.9	1.0067−0.7240i	−0.3016−0.4905i	−0.3985+0.6430i	−0.1069+0.4910i	−1.3864−0.5651i	−1.8474+3.8214i	−3.4615+0.7280i	−3.1497−1.3853i
61.0	1.0138−0.6503i	−0.3299−0.5138i	−0.3353+0.6224i	−0.0730+0.4447i	−1.2850−0.5941i	−1.8968+3.4693i	−2.9376+0.8219i	−2.7131−1.2696i
61.1	1.0074−0.6544i	−0.3208−0.4849i	−0.2972+0.7045i	−0.0050+0.4540i	−1.3214−0.5507i	−1.8747+3.1398i	−2.7229+1.0588i	−2.3478−1.1438i
61.2	1.0236−0.6777i	−0.2739−0.4379i	−0.2923+0.7527i	0.0498+0.4466i	−1.3788−0.5204i	−1.8555+2.9262i	−2.7941+0.9463i	−2.3488−1.1430i
61.3	1.0609−0.6791i	−0.2327−0.4057i	−0.2622+0.7156i	0.0974+0.4261i	−1.2157−0.5143i	−1.9904+2.7947i	−2.7565+0.9064i	−2.4398−0.9446i
61.4	1.0657−0.7563i	−0.1669−0.4466i	−0.2954+0.8468i	0.1787+0.3911i	−1.2570−0.4980i	−1.9122+2.5420i	−2.7501+1.2011i	−2.1147−0.5841i
61.5	1.1739−0.8248i	−0.2411−0.3443i	−0.4134+0.8768i	0.2136+0.3698i	−1.3309−0.5060i	−1.8799+2.3269i	−2.6608+0.9215i	−1.9600−0.8196i
61.6	1.1621−0.8301i	−0.1956−0.3166i	−0.2970+0.9048i	0.2851+0.3280i	−1.2854−0.3644i	−1.9673+2.1127i	−2.2871+0.9324i	−1.6740−0.8704i
61.7	1.2022−0.8319i	−0.1662−0.2939i	−0.2847+0.8051i	0.3454+0.2818i	−1.2409−0.3150i	−2.0564+2.0318i	−2.3605+0.8363i	−1.6002−0.7553i
61.8	1.3285−0.8151i	−0.2601−0.3543i	−0.3834+0.6489i	0.3733+0.2099i	−1.0396−0.3120i	−2.1253+1.9303i	−2.2170+0.9300i	−1.2474−0.5041i
61.9	1.3871−0.9466i	−0.2923−0.2506i	−0.5120+0.7136i	0.3686+0.1959i	−1.1060−0.3229i	−2.1436+1.8474i	−2.1255+0.8219i	−1.2649−0.6444i
62.0	1.3590−0.9551i	−0.2404−0.2434i	−0.3816+0.7506i	0.4223+0.1560i	−1.1622−0.3802i	−2.2577+1.6895i	−1.9940+0.7527i	−1.3628−0.8722i
62.1	1.3393−1.1054i	−0.1296−0.2120i	−0.4092+0.8089i	0.4698+0.1153i	−1.1036−0.2889i	−2.3787+1.6637i	−2.2625+0.7649i	−1.3963−0.8507i
62.2	1.3314−1.2794i	−0.1115−0.1543i	−0.4980+0.8624i	0.4492+0.0840i	−1.1150−0.3525i	−2.4455+1.7226i	−2.4526+0.7929i	−1.4882−0.7888i
62.3	1.4316−1.3826i	−0.1447−0.0966i	−0.5381+0.7723i	0.4639+0.0092i	−1.1284−0.2660i	−2.6272+1.7047i	−2.3350+0.4996i	−1.5165−1.0781i

62.4	1.4339-1.5067i	-0.1573-0.1027i	-0.6098+0.7440i	0.4828-0.0615i	-1.1436-0.1972i	-2.5967+1.6914i	-2.3141+0.5292i	-1.1215-1.0084i
62.5	1.3941-1.6580i	-0.1484-0.0422i	-0.6275+0.7775i	0.5218-0.1275i	-1.1250-0.1633i	-2.6975+1.7109i	-2.3200+0.6548i	-0.9938-1.1084i
62.6	1.3389-1.7673i	-0.1582+0.0075i	-0.7050+0.7803i	0.4919-0.1732i	-1.0328-0.1477i	-2.7453+1.8805i	-2.2503+0.8964i	-0.9659-1.1721i
62.7	1.2377-1.9757i	-0.1035+0.0478i	-0.8423+0.8726i	0.4657-0.1947i	-1.1217+0.0589i	-2.6701+1.9280i	-2.4700+1.0224i	-0.9180-1.0803i
62.8	1.1889-2.1363i	-0.0127+0.1187i	-0.9005+0.9097i	0.4451-0.2615i	-1.2043+0.0537i	-2.7758+1.9364i	-2.6432+0.7935i	-1.2993-1.4100i
62.9	1.0755-2.2942i	-0.0204+0.1945i	-0.9519+0.9742i	0.3964-0.3086i	-1.1736+0.0862i	-2.8597+2.0516i	-2.7367+0.7360i	-1.4793-1.6807i
63.0	0.9166-2.3912i	0.0213+0.1722i	-0.9981+1.0967i	0.4022-0.3484i	-1.2315+0.2085i	-2.7473+2.0690i	-2.6856+1.0629i	-1.1908-1.5804i
63.1	0.7988-2.4187i	0.0679+0.1483i	-0.9751+1.1294i	0.4149-0.3918i	-1.1252+0.3400i	-2.7394+2.1655i	-2.6859+1.1603i	-1.1090-1.4023i
63.2	0.6185-2.4517i	0.1411+0.1428i	-0.9890+1.1888i	0.4100-0.4108i	-1.0240+0.3577i	-2.6327+2.2767i	-2.6929+1.3685i	-1.1808-1.1819i
63.3	0.3229-2.5348i	0.2424+0.1224i	-1.0024+1.4558i	0.3717-0.4478i	-0.9433+0.4987i	-2.4478+2.2352i	-2.7981+1.6084i	-1.2699-1.3192i
63.4	0.1348-2.5746i	0.2589+0.1333i	-1.0230+1.5868i	0.2961-0.4580i	-0.9097+0.5362i	-2.3709+2.2772i	-2.7238+1.7889i	-1.3411-1.2444i
63.5	0.0007-2.5345i	0.2960+0.1138i	-0.9282+1.5970i	0.2558-0.4821i	-0.8396+0.5119i	-2.3961+2.4022i	-2.6614+2.0062i	-1.5892-1.1537i
63.6	-0.1814-2.5331i	0.3529+0.0750i	-0.9194+1.6837i	0.2198-0.5027i	-0.7310+0.6164i	-2.2414+2.4378i	-2.6395+2.2929i	-1.5506-1.0106i
63.7	-0.3827-2.4961i	0.3832+0.0953i	-0.9103+1.8214i	0.1801-0.4878i	-0.5882+0.5898i	-2.0505+2.3964i	-2.4238+2.3368i	-1.5493-1.1118i
63.8	-0.5265-2.4916i	0.4292+0.0898i	-0.8598+1.8888i	0.1453-0.4950i	-0.6752+0.5224i	-1.9451+2.4080i	-2.3409+2.4928i	-1.6210-1.1058i
63.9	-0.6362-2.4425i	0.4543+0.0756i	-0.8381+1.8846i	0.1097-0.4840i	-0.7800+0.6186i	-1.8814+2.4959i	-2.2263+2.6103i	-1.6337-0.7673i
64.0	-0.7016-2.2926i	0.4199+0.0514i	-0.7263+1.8725i	0.0778-0.4967i	-0.6212+0.6602i	-1.8910+2.4612i	-1.9369+2.5830i	-1.5837-0.9592i
64.1	-0.7942-2.1275i	0.3959-0.0072i	-0.5725+1.9121i	0.0593-0.5004i	-0.4871+0.6765i	-1.8308+2.3667i	-1.5746+2.7234i	-1.6164-1.0400i
64.2	-0.9050-2.0159i	0.4145-0.0464i	-0.5717+1.9585i	0.0275-0.4499i	-0.4766+0.7704i	-1.6062+2.3999i	-1.4517+2.9332i	-1.4412-0.6410i
64.3	-0.9734-1.9365i	0.4252-0.0675i	-0.5068+2.0080i	0.0307-0.4212i	-0.3472+0.8740i	-1.5483+2.3295i	-1.2893+2.9316i	-1.3915-0.5490i
64.4	-1.0338-1.8426i	0.4618-0.0967i	-0.4126+2.0672i	0.0247-0.3950i	-0.3067+0.9699i	-1.4932+2.2167i	-1.2693+2.8525i	-1.6575-0.5161i
64.5	-1.0438-1.7258i	0.3954-0.1465i	-0.3457+2.0516i	-0.0425-0.4163i	-0.2944+0.8485i	-1.4964+2.2110i	-0.8572+2.8114i	-1.6621-0.8933i
64.6	-1.0840-1.6450i	0.4224-0.1785i	-0.2555+2.0578i	-0.0258-0.4212i	-0.2317+0.7862i	-1.4687+2.1248i	-0.8438+2.8912i	-1.5904-0.9153i
64.7	-1.1227-1.5432i	0.4439-0.2124i	-0.2261+2.0937i	-0.0288-0.4037i	-0.0930+0.6983i	-1.3111+2.1279i	-0.6831+3.0456i	-1.6334-0.7451i
64.8	-1.0794-1.5196i	0.3855-0.1958i	-0.1996+2.0737i	-0.0545-0.3896i	-0.0728+0.7101i	-1.3427+2.1463i	-0.4698+2.9115i	-1.7444-0.7533i
64.9	-1.0524-1.4402i	0.3575-0.1885i	-0.1236+2.0963i	-0.0249-0.3865i	0.0112+0.7600i	-1.2802+2.0747i	-0.2741+2.8790i	-1.5038-0.7715i
65.0	-1.0778-1.4023i	0.3328-0.2028i	-0.0390+2.0711i	-0.0276-0.3759i	-0.0701+0.7178i	-1.2045+2.1271i	-0.1843+2.7998i	-1.5131-0.6210i
65.1	-1.0753-1.3663i	0.3430-0.2059i	0.0322+2.0325i	-0.0200-0.3685i	-0.0202+0.6786i	-1.1600+2.0890i	-0.0539+2.6877i	-1.6724-0.4910i
65.2	-1.0678-1.3081i	0.3214-0.1894i	0.1334+1.9846i	-0.0112-0.3741i	-0.0027+0.5438i	-1.0931+2.0698i	0.2995+2.6119i	-1.8322-0.8024i
65.3	-1.1026-1.2688i	0.3180-0.1871i	0.1124+1.9831i	-0.0169-0.3468i	0.0822+0.5532i	-1.0023+2.0023i	0.3278+2.4293i	-1.8472-0.6658i
65.4	-1.0792-1.2334i	0.2828-0.2160i	0.1445+1.9036i	-0.0148-0.3724i	0.2362+0.5686i	-0.9717+2.0042i	0.3725+2.3668i	-1.7077-0.4224i
65.5	-1.0806-1.2195i	0.2603-0.1890i	0.1839+1.8645i	0.0056-0.3899i	0.2716+0.5515i	-0.9047+2.0050i	0.4706+2.2301i	-1.7048-0.3837i
65.6	-1.1122-1.1798i	0.2594-0.2059i	0.2370+1.8683i	0.0383-0.3955i	0.3091+0.5232i	-0.8268+1.8912i	0.5016+2.1511i	-1.6585-0.2890i
65.7	-1.1272-1.1405i	0.2261-0.2221i	0.2898+1.8162i	0.0152-0.4321i	0.3653+0.4895i	-0.7856+1.7632i	0.7005+2.1043i	-1.7504-0.4289i
65.8	-1.1478-1.1549i	0.2048-0.1792i	0.2940+1.7133i	-0.0145-0.4606i	0.3196+0.3983i	-0.7163+1.8469i	0.8958+1.9485i	-1.7942-0.4707i
65.9	-1.1865-1.1495i	0.2421-0.1701i	0.3114+1.7566i	0.0219-0.4782i	0.4222+0.3858i	-0.6341+1.7587i	0.7226+1.8412i	-1.8506-0.3646i
66.0	-1.2404-1.1051i	0.2339-0.1418i	0.3944+1.6613i	0.0152-0.4847i	0.5307+0.3640i	-0.6170+1.6946i	0.7548+1.5683i	-2.0901-0.2225i
66.1	-1.2351-1.0642i	0.2372-0.1451i	0.3681+1.6118i	0.0084-0.5274i	0.4311+0.2935i	-0.5883+1.6168i	0.6665+1.5849i	-1.8282-0.1655i
66.2	-1.2530-0.9984i	0.2481-0.1616i	0.3989+1.5281i	-0.0031-0.5931i	0.4287+0.1974i	-0.5952+1.6090i	0.5269+1.5436i	-1.7448+0.0047i
66.3	-1.2483-0.9749i	0.1951-0.1576i	0.4469+1.4603i	-0.0569-0.6474i	0.4916+0.2251i	-0.6344+1.6081i	0.7210+1.5269i	-1.8020-0.1086i
66.4	-1.2352-0.9308i	0.1747-0.1161i	0.4351+1.3981i	-0.1179-0.6775i	0.4892+0.2102i	-0.6382+1.5118i	0.9166+1.4586i	-1.8005-0.2024i
66.5	-1.2518-0.8918i	0.1988-0.1193i	0.3412+1.3082i	-0.1414-0.7027i	0.4440+0.2013i	-0.5078+1.4934i	0.6988+1.3378i	-1.6383+0.1811i
66.6	-1.3001-0.8678i	0.2066-0.1119i	0.2555+1.2639i	-0.1836-0.7006i	0.3831+0.0986i	-0.3394+1.5100i	0.5412+1.1382i	-1.5337+0.2895i
66.7	-1.2941-0.8105i	0.2058-0.1004i	0.2558+1.2059i	-0.2590-0.7273i	0.4152+0.1586i	-0.3737+1.4345i	0.6495+1.2435i	-1.6267+0.1960i
66.8	-1.2943-0.7529i	0.2017-0.1093i	0.2084+1.2128i	-0.2737-0.7337i	0.4076+0.1789i	-0.2681+1.2964i	0.5697+1.3324i	-1.4176+0.3063i
66.9	-1.2944-0.7385i	0.1675-0.0943i	0.1231+1.1610i	-0.3493-0.7302i	0.6327-0.0292i	-0.1730+1.2727i	0.5197+1.2045i	-1.2635+0.3648i
67.0	-1.2890-0.7404i	0.1918-0.0338i	0.0918+1.1439i	-0.4628-0.7165i	0.4678+0.0496i	-0.2002+1.2438i	0.6805+1.2051i	-1.3678+0.0198i
67.1	-1.3255-0.6927i	0.1987-0.0187i	-0.0184+1.1572i	-0.5263-0.7107i	0.4374+0.0482i	-0.0922+1.1645i	0.5065+1.1175i	-1.2989+0.1258i
67.2	-1.3240-0.6449i	0.1795-0.0312i	-0.0557+1.0851i	-0.6000-0.7223i	0.4877-0.1024i	-0.0785+1.0798i	0.7074+1.0130i	-1.3333+0.2493i
67.3	-1.3212-0.6272i	0.1737-0.0342i	-0.1131+1.0737i	-0.6567-0.6993i	0.5340-0.0589i	0.0136+1.0152i	0.7580+1.0280i	-1.3119+0.2178i
67.4	-1.3135-0.6003i	0.1839-0.0311i	-0.2097+1.0752i	-0.7307-0.6414i	0.5437-0.0768i	0.0579+0.9660i	0.6355+0.9789i	-1.2937+0.3089i
67.5	-1.3229-0.5784i	0.1778+0.0019i	-0.3413+1.0621i	-0.8050-0.5850i	0.4654-0.0702i	0.1649+0.9053i	0.4735+0.9182i	-1.1483+0.3184i
67.6	-1.3571-0.5438i	0.2234+0.0027i	-0.4037+1.0950i	-0.8596-0.5539i	0.4691-0.1185i	0.1817+0.7826i	0.4857+0.8771i	-1.2711+0.2804i
67.7	-1.3300-0.4853i	0.2372+0.0003i	-0.4367+1.1585i	-0.8910-0.4771i	0.3993-0.1973i	0.1032+0.5991i	0.5651+1.0196i	-1.1700+0.1881i
67.8	-1.3733-0.4603i	0.2631+0.0081i	-0.5701+1.2527i	-0.9313-0.3950i	0.3332-0.1455i	0.1655+0.3970i	0.4892+1.0709i	-1.1114+0.1553i
67.9	-1.3929-0.4505i	0.2807+0.0209i	-0.6489+1.2900i	-0.9457-0.3219i	0.2962-0.2526i	0.1410+0.3674i	0.3741+0.9577i	-1.1952+0.2779i
68.0	-1.4203-0.4147i	0.2824+0.0230i	-0.7537+1.3499i	-0.9854-0.2405i	0.3933-0.2860i	0.2026+0.1944i	0.2775+0.7447i	-1.1251+0.3335i
68.1	-1.4656-0.4040i	0.3020+0.0326i	-0.8843+1.4017i	-1.0137-0.1855i	0.3298-0.4057i	0.3499+0.0637i	0.1988+0.7856i	-0.9537+0.2823i
68.2	-1.4495-0.3313i	0.2985+0.0150i	-0.8645+1.5363i	-1.0151-0.1045i	0.3698-0.4171i	0.1339-0.0079i	0.2606+0.7829i	-1.0366+0.2446i
68.3	-1.4236-0.2986i	0.3060+0.0204i	-0.9225+1.7041i	-1.0401+0.0216i	0.2439-0.4833i	-0.0203-0.2337i	0.0128+0.9224i	-0.8668+0.2095i
68.4	-1.4471-0.2608i	0.3291+0.0378i	-0.9916+1.7976i	-1.0238+0.0671i	0.3335-0.5567i	-0.0076-0.3701i	-0.0389+1.0571i	-0.8206+0.1942i
68.5	-1.4751-0.1878i	0.3677+0.0203i	-0.9652+1.9353i	-0.9861+0.1449i	0.3057-0.4707i	-0.1575-0.4605i	0.0641+1.2373i	-0.9964+0.0660i
68.6	-1.5213-0.1089i	0.3820+0.0146i	-1.0555+2.1194i	-0.9826+0.2104i	0.2649-0.5121i	-0.1503-0.5979i	-0.1674+1.3415i	-0.8510+0.0822i

68.7	−1.5109−0.0227i	0.3876−0.0272i	−1.0233+2.2567i	−0.9777+0.2764i	0.0631−0.4917i	−0.3107−0.6934i	0.0659+1.3032i	−1.0584+0.1453i
68.8	−1.5060+0.0535i	0.3897−0.0506i	−0.9978+2.3855i	−0.9302+0.3399i	−0.0306−0.4504i	−0.3523−0.7613i	−0.0263+1.2908i	−1.0020+0.1878i
68.9	−1.4799+0.1164i	0.4093−0.0601i	−0.8817+2.5628i	−0.8460+0.4038i	−0.0798−0.4478i	−0.5623−0.7491i	−0.1062+1.4176i	−0.8649+0.1749i
69.0	−1.4528+0.2036i	0.4322−0.1028i	−0.7978+2.7866i	−0.7850+0.4539i	−0.0226−0.3788i	−0.8224−0.8464i	0.1127+1.7511i	−0.9361+0.0764i
69.1	−1.4348+0.2817i	0.4385−0.1340i	−0.7104+2.9371i	−0.7447+0.5001i	−0.0812−0.3336i	−0.9895−0.9079i	0.2452+1.9173i	−1.0607+0.1101i
69.2	−1.3905+0.3325i	0.4398−0.1466i	−0.5691+3.0204i	−0.7089+0.5127i	−0.1131−0.3075i	−1.0754−0.8422i	0.3779+2.0040i	−1.1795−0.0130i
69.3	−1.3940+0.4233i	0.4520−0.1748i	−0.5352+3.1574i	−0.6999+0.5690i	−0.1253−0.2094i	−1.1222−0.9023i	0.6081+1.9533i	−1.3463+0.0203i
69.4	−1.3278+0.5302i	0.4261−0.1962i	−0.3866+3.3278i	−0.6689+0.6376i	−0.2445−0.1470i	−1.2633−0.9071i	0.8532+1.9618i	−1.3606−0.0143i
69.5	−1.2206+0.5730i	0.3777−0.2309i	−0.1771+3.2815i	−0.6000+0.6138i	−0.3521−0.2489i	−1.2975−0.7817i	0.8320+1.8474i	−1.2006+0.0291i
69.6	−1.0779+0.5733i	0.3453−0.2568i	0.0621+3.3121i	−0.5343+0.6200i	−0.4354−0.1578i	−1.4890−0.6336i	0.8859+1.8515i	−1.2018+0.1316i
69.7	−0.9932+0.5983i	0.2997−0.2619i	0.2044+3.2875i	−0.4694+0.6184i	−0.3198−0.0536i	−1.5468−0.5689i	0.9430+1.8765i	−1.1587+0.1102i
69.8	−0.9347+0.6088i	0.2937−0.2541i	0.3084+3.2325i	−0.4313+0.6336i	−0.2142−0.0078i	−1.5442−0.4699i	1.1391+1.6758i	−1.3344+0.2105i
69.9	−0.8536+0.6738i	0.2637−0.2661i	0.5307+3.3113i	−0.3760+0.6565i	−0.1194+0.0869i	−1.6842−0.4564i	1.4713+1.7281i	−1.4351+0.1491i
70.0	−0.7273+0.6780i	0.2159−0.2776i	0.7257+3.3281i	−0.3000+0.6432i	−0.1541+0.2642i	−1.8107−0.4113i	1.7099+1.8817i	−1.4806+0.0598i
70.1	−0.6636+0.6161i	0.1846−0.2786i	0.8137+3.1841i	−0.2972+0.5912i	−0.0554+0.1873i	−1.7571−0.2491i	1.9850+1.6894i	−1.5698+0.2097i
70.2	−0.5858+0.5802i	0.1468−0.2696i	0.9184+3.0972i	−0.2621+0.5609i	0.0330+0.2427i	−1.8076−0.1825i	2.1110+1.3961i	−1.5883+0.3704i
70.3	−0.5354+0.6057i	0.1359−0.2599i	1.0315+3.1814i	−0.2176+0.6003i	0.0698+0.3422i	−1.8376−0.2066i	2.2870+1.2898i	−1.7644+0.4528i
70.4	−0.4543+0.5731i	0.1310−0.2358i	1.2473+3.1334i	−0.1851+0.6281i	0.0791+0.1638i	−1.9188−0.1217i	2.3111+1.1572i	−1.7167+0.5000i
70.5	−0.3823+0.4911i	0.1000−0.2241i	1.2930+2.9568i	−0.1786+0.5735i	0.1705+0.2545i	−1.8456−0.0188i	2.1881+1.0081i	−1.4838+0.4915i
70.6	−0.3180+0.4353i	0.0714−0.2035i	1.4066+2.8252i	−0.1623+0.5341i	0.2571+0.2641i	−1.8584+0.0952i	2.2526+0.7686i	−1.5580+0.5459i
70.7	−0.3007+0.4310i	0.0780−0.1656i	1.4697+2.8422i	−0.1656+0.5539i	0.2586+0.1850i	−1.8670+0.0529i	2.3064+0.7423i	−1.6027+0.5252i
70.8	−0.3253+0.3836i	0.0765−0.1495i	1.4000+2.7033i	−0.1786+0.5691i	0.3367+0.1263i	−1.6746+0.0749i	2.1449+0.5318i	−1.4686+0.7242i
70.9	−0.3055+0.3400i	0.0433−0.1348i	1.4296+2.6075i	−0.1809+0.5276i	0.2133+0.1333i	−1.6316+0.1602i	2.2037+0.3991i	−1.4231+0.7489i
71.0	−0.2617+0.3719i	0.0439−0.1253i	1.5120+2.6928i	−0.1151+0.5734i	0.2956+0.1790i	−1.7364+0.0415i	2.1755+0.2100i	−1.4876+0.8463i
71.1	−0.2144+0.2954i	0.0415−0.1069i	1.6280+2.4967i	−0.0434+0.5502i	0.4119+0.2429i	−1.7720+0.1805i	1.8736+0.0490i	−1.3123+1.0310i
71.2	−0.1610+0.2290i	0.0107−0.1029i	1.6884+2.3557i	−0.0301+0.5170i	0.4672+0.1772i	−1.7277+0.2919i	1.7575+0.0543i	−1.1296+0.9985i
71.3	−0.1077+0.2260i	0.0057−0.0675i	1.7791+2.3999i	0.0108+0.5450i	0.4627+0.0727i	−1.7904+0.2354i	1.8864+0.1026i	−1.0120+0.8227i
71.4	−0.1645+0.1971i	0.0158−0.0368i	1.6837+2.3814i	−0.0072+0.5765i	0.4668+0.0796i	−1.6710+0.1816i	1.8571+0.0317i	−1.0132+0.8773i
71.5	−0.2301+0.1761i	0.0247−0.0124i	1.5509+2.3226i	−0.0492+0.5899i	0.4655+0.0003i	−1.5126+0.1111i	1.7783−0.0314i	−1.0831+0.8269i
71.6	−0.2378+0.1518i	0.0163+0.0017i	1.5580+2.2452i	−0.0388+0.5681i	0.5479−0.1365i	−1.4650+0.1452i	1.6304−0.0740i	−1.0109+0.9092i
71.7	−0.1768+0.0719i	0.0091+0.0012i	1.6998+2.1237i	0.0396+0.5117i	0.6212−0.0796i	−1.5854+0.2569i	1.4174−0.0830i	−0.8964+1.0230i
71.8	−0.1898+0.1004i	0.0308+0.0107i	1.6803+2.1629i	0.0498+0.5321i	0.5520−0.0490i	−1.5692+0.1426i	1.5601−0.0577i	−0.9079+0.8848i
71.9	−0.1851+0.1036i	0.0517+0.0312i	1.7246+2.1435i	0.0528+0.5228i	0.6296−0.1103i	−1.6026+0.1329i	1.7441−0.1946i	−1.1533+0.7416i
72.0	−0.1724−0.0147i	0.0194+0.0729i	1.7555+2.0573i	0.0624+0.4714i	0.6791−0.2399i	−1.5891+0.2451i	1.6359−0.2957i	−1.1206+0.7763i
72.1	−0.1248−0.0455i	0.0234+0.0638i	1.8096+1.9994i	0.1129+0.4544i	0.6558−0.1457i	−1.6010+0.2487i	1.5336−0.2110i	−0.9100+0.7233i
72.2	−0.2399+0.0186i	0.0363+0.0717i	1.6209+1.9700i	0.0485+0.4946i	0.5315−0.1476i	−1.3962+0.1363i	1.2510−0.2823i	−0.7804+0.9445i
72.3	−0.1490+0.0671i	0.0318+0.0733i	1.7037+2.1493i	0.1285+0.5476i	0.5550−0.1232i	−1.5520−0.0663i	1.4569+0.0685i	−0.6742+0.6994i
72.4	−0.1399+0.0100i	0.0224+0.0882i	1.7410+2.0320i	0.1331+0.4995i	0.5416−0.1690i	−1.5785+0.0223i	1.3549+0.0736i	−0.6518+0.6724i
72.5	−0.1669−0.0000i	0.0284+0.1004i	1.6767+1.8798i	0.1227+0.4633i	0.4687−0.2976i	−1.4960+0.0538i	1.2326−0.0442i	−0.7333+0.8152i
72.6	−0.1032+0.0019i	0.0294+0.1208i	1.7408+1.9696i	0.1775+0.4993i	0.4924−0.4195i	−1.5708−0.0439i	1.1273−0.0970i	−0.5578+0.8169i
72.7	−0.1738+0.0595i	0.0632+0.1303i	1.6251+2.0810i	0.1490+0.5816i	0.5143−0.3519i	−1.4815−0.1812i	1.0531−0.4644i	−0.7477+1.0348i
72.8	−0.2638+0.0896i	0.0741+0.1337i	1.5617+2.0003i	0.0943+0.5812i	0.4010−0.4084i	−1.3549−0.2178i	1.0379−0.6116i	−0.8698+1.0640i
72.9	−0.3269−0.0821i	0.0764+0.1702i	1.6342+1.7452i	0.0643+0.4463i	0.4580−0.5650i	−1.3272+0.0203i	1.1920−0.6240i	−0.9185+0.9898i
73.0	−0.2827−0.1438i	0.0589+0.1688i	1.6435+1.6816i	0.1397+0.4113i	0.3717−0.5064i	−1.3873+0.1159i	1.1018−0.4792i	−0.8396+1.0860i
73.1	−0.1457−0.2049i	0.0558+0.1928i	1.9291+1.7383i	0.3196+0.3670i	0.3641−0.5448i	−1.6910+0.1456i	1.1905−0.4713i	−0.8296+1.0775i
73.2	−0.1170−0.2440i	0.0914+0.2087i	2.1069+1.7410i	0.3493+0.3577i	0.4465−0.5313i	−1.8575+0.1100i	1.5551−0.6334i	−0.9797+0.8905i
73.3	−0.1755−0.1788i	0.0617+0.1978i	1.8723+1.7527i	0.2422+0.3866i	0.4894−0.3513i	−1.6351−0.0520i	1.3339−0.4753i	−0.7663+0.7493i
73.4	−0.2317−0.2549i	0.0489+0.2086i	1.7705+1.5687i	0.2044+0.2965i	0.4072−0.3972i	−1.4766+0.0955i	1.2449−0.5609i	−0.7977+0.8998i
73.5	−0.2029−0.2853i	0.0850+0.2129i	1.9302+1.5288i	0.2787+0.2625i	0.3517−0.5058i	−1.6034+0.1372i	1.3255−0.5701i	−0.8400+0.9263i
73.6	−0.2502−0.3234i	0.0708+0.1972i	1.9448+1.3480i	0.2421+0.1583i	0.3630−0.4511i	−1.5119+0.2491i	1.1865−0.7141i	−0.8068+1.0466i
73.7	−0.3326−0.3258i	0.0697+0.2006i	1.8749+1.2988i	0.1710+0.1575i	0.4362−0.5677i	−1.4143+0.2639i	0.8915−0.8815i	−0.7937+1.2856i
73.8	−0.2596−0.2761i	0.0727+0.2370i	1.8874+1.4909i	0.2222+0.2338i	0.4137−0.6368i	−1.5785+0.0491i	0.8657−0.7115i	−0.7917+1.1889i
73.9	−0.2934−0.3035i	0.0804+0.2536i	1.9059+1.3987i	0.2161+0.1737i	0.4317−0.6476i	−1.5565+0.0612i	0.9241−0.7446i	−0.8514+1.1345i
74.0	−0.2808−0.2641i	0.0712+0.2592i	1.9407+1.4002i	0.2176+0.1776i	0.3348−0.5557i	−1.5731−0.0006i	0.8370−0.8016i	−0.8517+1.1178i
74.1	−0.2107−0.2357i	0.0677+0.2567i	2.0454+1.3953i	0.2642+0.1393i	0.2749−0.5351i	−1.6711−0.0307i	1.0179−0.5986i	−0.7202+0.9749i
74.2	−0.1972−0.3393i	0.0602+0.2933i	2.1248+1.3019i	0.2320+0.0739i	0.3509−0.6165i	−1.7114+0.0007i	1.1542−0.4779i	−0.7580+0.9519i
74.3	−0.1875−0.3605i	0.0706+0.3187i	2.1370+1.2748i	0.1890+0.0596i	0.3272−0.6522i	−1.7285+0.0084i	1.1812−0.6115i	−0.8566+0.9776i
74.4	−0.1891−0.4334i	0.0687+0.3773i	2.1552+1.3426i	0.1805+0.0614i	0.2690−0.8351i	−1.7917+0.0104i	1.2665−0.6043i	−0.8375+0.9629i
74.5	−0.3045−0.3794i	0.0739+0.4047i	1.9240+1.2929i	−0.0077+0.1381i	0.2565−0.8528i	−1.6152−0.1531i	0.8517−0.7844i	−0.8737+1.2171i
74.6	−0.3335−0.3642i	0.1005+0.4016i	1.9579+1.2178i	−0.0711+0.1313i	0.2502−0.7974i	−1.5760−0.1872i	0.7127−0.8740i	−0.9727+1.3761i
74.7	−0.1988−0.4270i	0.0783+0.4130i	2.0580+1.2285i	0.0296+0.1282i	0.2482−0.7862i	−1.7447−0.1829i	0.8541−0.8473i	−0.9401+1.3082i
74.8	−0.1947−0.4916i	0.0664+0.4421i	2.1103+1.2628i	−0.0309+0.1158i	0.3524−0.8630i	−1.7421−0.2164i	1.0707−0.8460i	−0.9075+1.2876i
74.9	−0.2084−0.5475i	0.0735+0.4653i	2.1807+1.2432i	−0.0575+0.1057i	0.4214−0.8234i	−1.7517−0.2095i	1.1333−0.7686i	−0.8133+1.2265i

75.0	-0.2279-0.6282i	0.0642+0.5060i	2.1881+1.0853i	-0.1396+0.1136i	0.4340-0.8707i	-1.6764-0.1692i	0.8346-0.9799i	-0.8985+1.4039i
75.1	-0.2496-0.6325i	0.0895+0.5388i	2.2410+1.0292i	-0.1684+0.1399i	0.3269-0.9078i	-1.7249-0.2393i	0.9293-0.9864i	-0.8698+1.3906i
75.2	-0.3008-0.7200i	0.1321+0.5826i	2.3588+0.9940i	-0.1553+0.1242i	0.1607-0.9326i	-1.7908-0.2135i	0.8490-1.1292i	-0.9272+1.5007i
75.3	-0.3468-0.6788i	0.1752+0.6087i	2.3753+0.9490i	-0.1404+0.2469i	0.1571-0.9972i	-1.8950-0.3463i	0.5859-1.0817i	-0.8334+1.6459i
75.4	-0.3871-0.6034i	0.2195+0.6077i	2.2931+0.9212i	-0.1061+0.3904i	0.0823-1.0068i	-2.0359-0.5251i	0.6030-0.9400i	-0.7133+1.6125i
75.5	-0.4017-0.6465i	0.2384+0.6585i	2.3243+0.8422i	-0.0710+0.4729i	0.0522-1.1429i	-2.0915-0.6191i	0.6106-1.0096i	-0.7026+1.6924i
75.6	-0.4634-0.7290i	0.2836+0.7034i	2.4394+0.7859i	-0.1040+0.5004i	0.0936-1.1341i	-2.1371-0.6592i	0.6330-1.0644i	-0.7261+1.7680i
75.7	-0.4870-0.7823i	0.2792+0.7213i	2.4561+0.6145i	-0.1360+0.5291i	0.0711-1.0748i	-2.0915-0.6793i	0.5612-0.9612i	-0.5287+1.7698i
75.8	-0.5276-0.7895i	0.3001+0.7345i	2.5121+0.3824i	-0.1217+0.5372i	0.0368-1.0841i	-2.1456-0.6726i	0.4934-1.0934i	-0.4935+1.7415i
75.9	-0.6031-0.7510i	0.3612+0.7583i	2.4555+0.2046i	-0.0607+0.6425i	0.0536-1.1425i	-2.3058-0.7928i	0.4196-1.1577i	-0.5147+1.7851i
76.0	-0.6893-0.7327i	0.4368+0.7792i	2.4144+0.1282i	0.0177+0.6875i	-0.0386-1.1528i	-2.4602-0.8984i	0.3042-1.1114i	-0.4743+1.8935i
76.1	-0.7689-0.7291i	0.4953+0.8209i	2.3420+0.0773i	0.0352+0.7956i	-0.2989-1.2587i	-2.6161-1.1180i	0.2344-0.9585i	-0.3766+1.9786i
76.2	-0.7224-0.6642i	0.5352+0.7799i	2.2526-0.0082i	0.1637+0.7874i	-0.3219-1.0871i	-2.8378-1.0198i	0.3542-0.9404i	-0.2723+1.8075i
76.3	-0.8561-0.6645i	0.6327+0.7786i	2.0196-0.2103i	0.2480+0.8215i	-0.4266-1.1873i	-3.0338-0.9420i	0.2259-0.9947i	-0.2967+1.8937i
76.4	-0.9237-0.6844i	0.6878+0.7982i	1.9709-0.3604i	0.3023+0.8131i	-0.4167-1.2707i	-3.2452-0.9578i	0.2080-0.8893i	-0.2545+1.9553i
76.5	-0.9045-0.6822i	0.7000+0.8308i	1.9593-0.3393i	0.3644+0.7789i	-0.3386-1.2267i	-3.4145-1.0760i	0.3266-0.9264i	-0.3153+1.9658i
76.6	-0.8756-0.5567i	0.7505+0.7834i	1.8514-0.3564i	0.4203+0.7477i	-0.4013-1.1424i	-3.6616-1.0628i	0.2326-0.7598i	-0.1224+2.0809i
76.7	-0.8528-0.5111i	0.7814+0.7332i	1.5995-0.5737i	0.4301+0.7282i	-0.4843-1.1372i	-3.8645-0.8400i	0.2942-0.7855i	-0.0247+1.9781i
76.8	-0.9108-0.5616i	0.8654+0.7105i	1.6822-0.7567i	0.4502+0.6714i	-0.6287-1.0803i	-4.1493-0.5744i	0.4442-0.9991i	-0.0428+2.0160i
76.9	-0.9399-0.5259i	0.9180+0.6924i	1.4988-0.8284i	0.5049+0.6503i	-0.7138-0.9848i	-4.3365-0.4796i	0.2699-0.9309i	0.1236+2.1635i
77.0	-0.8269-0.4265i	0.9043+0.6592i	1.1496-0.6759i	0.5974+0.6120i	-0.8452-0.9415i	-4.4890-0.4101i	0.2541-0.7793i	0.3061+2.0997i
77.1	-0.8706-0.4700i	0.9235+0.6693i	0.9541-0.5772i	0.6121+0.5851i	-0.7618-1.0884i	-4.5450-0.3336i	0.1769-0.7985i	0.2581+2.0914i
77.2	-0.8522-0.5121i	0.9852+0.6128i	0.9932-0.4205i	0.6688+0.4860i	-0.8183-1.0217i	-4.6938+0.2036i	0.1238-0.8950i	0.3717+2.2380i
77.3	-0.8562-0.5421i	1.0663+0.6446i	0.7788-0.1307i	0.7314+0.5043i	-0.9459-0.9668i	-5.1905+0.4039i	0.4165-0.9874i	0.2608+2.2545i
77.4	-0.8740-0.5830i	1.0704+0.6365i	0.5269+0.0977i	0.7295+0.4543i	-0.8228-0.9485i	-5.1387+0.5513i	0.3612-0.9736i	0.3781+2.3937i
77.5	-0.8951-0.6172i	1.0914+0.5892i	0.5582+0.1784i	0.7180+0.3888i	-0.8509-0.8992i	-5.0799+0.8711i	0.2088-1.0066i	0.5042+2.5253i
77.6	-0.8460-0.6040i	1.1013+0.5279i	0.6418+0.1145i	0.6957+0.3703i	-0.7966-0.7566i	-5.0737+1.1832i	0.0976-1.0274i	0.6445+2.5345i
77.7	-0.8315-0.6543i	1.0867+0.5347i	0.5769+0.0930i	0.6244+0.3753i	-0.7543-0.8662i	-4.9940+1.3029i	0.0364-1.0204i	0.8146+2.5852i
77.8	-0.9140-0.7309i	1.1797+0.5574i	0.5233+0.4205i	0.6950+0.3637i	-0.9480-0.8455i	-5.0745+1.5408i	0.1110-1.0725i	0.8552+2.4579i
77.9	-1.0227-0.7293i	1.2809+0.5296i	0.5947+0.7277i	0.7660+0.3656i	-1.0070-0.7752i	-5.1686+1.8727i	0.1726-1.1586i	0.9404+2.2667i
78.0	-1.0217-0.7149i	1.3019+0.4119i	0.3717+0.5590i	0.8007+0.3123i	-1.0870-0.6754i	-5.2582+2.5598i	0.0510-1.0601i	1.3082+2.3897i
78.1	-1.1029-0.7648i	1.3632+0.4247i	0.4822+0.6551i	0.8088+0.3251i	-1.1006-0.7347i	-5.3528+2.6096i	0.0911-1.1170i	1.3785+2.3937i
78.2	-1.1081-0.7583i	1.3788+0.3621i	0.7311+0.6393i	0.7795+0.2760i	-1.0157-0.6994i	-5.1500+2.7753i	0.1417-1.0884i	1.6012+2.1787i
78.3	-1.0163-0.7650i	1.3101+0.2949i	0.6696+0.6440i	0.8046+0.2134i	-0.9011-0.6005i	-4.7670+3.0016i	0.1585-0.9779i	1.6732+1.7376i
78.4	-1.1555-0.7642i	1.3568+0.2190i	0.5163+0.6783i	0.8087+0.1452i	-0.9371-0.5339i	-4.6295+3.3961i	0.0139-1.0663i	1.7859+1.8121i
78.5	-1.2705-0.8047i	1.4271+0.1983i	0.4765+0.5547i	0.8616+0.0973i	-1.0058-0.5802i	-4.7329+3.6476i	-0.0365-1.1032i	1.8454+1.8389i
78.6	-1.4232-0.8608i	1.4704+0.2030i	0.6166+0.7694i	0.8619+0.0432i	-1.1245-0.5600i	-4.5720+3.6512i	-0.0712-1.0489i	1.9246+1.7650i
78.7	-1.4663-0.9132i	1.4405+0.1759i	0.6395+1.0851i	0.8243+0.0444i	-1.1765-0.5157i	-4.1174+3.7880i	-0.1757-1.0095i	2.0255+1.6512i
78.8	-1.5611-0.8391i	1.4519+0.1013i	0.6732+1.3229i	0.7746+0.0195i	-1.0933-0.4890i	-3.8293+3.9210i	-0.2039-0.9881i	1.9336+1.4577i
78.9	-1.6193-0.7349i	1.4412+0.0337i	0.9493+1.5466i	0.7534+0.0248i	-1.0709-0.3924i	-3.6032+3.8317i	-0.2586-0.8589i	1.9907+1.3567i
79.0	-1.6668-0.6963i	1.4909+0.0217i	1.4958+1.2006i	0.8004+0.0632i	-1.0247-0.3475i	-3.9851+3.7320i	-0.1431-0.8304i	2.1571+1.2428i
79.1	-1.7089-0.7142i	1.5203-0.0378i	1.4395+0.6258i	0.7956-0.0889i	-1.0489-0.3766i	-4.0734+4.0382i	0.0141-0.9122i	2.2212+1.0700i
79.2	-1.7568-0.7041i	1.4786-0.0713i	1.3542+0.6497i	0.7687-0.1537i	-1.0528-0.3799i	-3.7806+4.0972i	-0.0659-0.8531i	2.2818+1.0832i
79.3	-1.8698-0.7007i	1.5105-0.1066i	1.2512+0.7340i	0.7229-0.1662i	-1.0148-0.3209i	-3.6772+4.3439i	-0.1867-0.9094i	2.2953+1.2037i
79.4	-2.0556-0.7492i	1.5782-0.1013i	1.3873+1.0635i	0.6899-0.1712i	-1.3281-0.3458i	-3.5838+4.4702i	-0.1205-0.9617i	2.3228+0.7901i
79.5	-2.1564-0.6177i	1.5422-0.2184i	1.4415+0.8026i	0.6253-0.2007i	-1.2314-0.3257i	-3.3089+4.5922i	-0.1627-1.0246i	2.3788+0.6030i
79.6	-2.2324-0.4502i	1.5052-0.3153i	1.3346+0.6058i	0.5409-0.1745i	-1.1540-0.2525i	-2.9538+4.7429i	-0.3111-1.0382i	2.4201+0.5636i
79.7	-2.2568-0.3464i	1.4914-0.3603i	1.3633+0.6700i	0.4814-0.1013i	-1.2435-0.2030i	-2.6996+4.8487i	-0.3496-1.0246i	2.3831+0.4743i
79.8	-2.3079-0.2758i	1.4787-0.3769i	1.3581+0.7653i	0.5109-0.0683i	-1.2217-0.2840i	-2.5132+4.9046i	-0.3688-0.9942i	2.3558+0.3683i
79.9	-2.3948-0.1607i	1.4856-0.4255i	1.4222+0.7878i	0.5057-0.0961i	-1.1309-0.2511i	-2.4667+5.1076i	-0.3847-1.0661i	2.2108+0.3846i
80.0	-2.3579-0.0276i	1.4326-0.4673i	1.5463+0.7887i	0.4901-0.0918i	-1.2272-0.1080i	-2.1278+4.9853i	-0.4279-1.0077i	2.1888+0.1652i

2.1.24 Run 2 – IP270-200 – Accels 41–47

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	30.7399+0.0000i	20.5005+0.0000i	-8.9024+0.0000i	11.7229+0.0000i	14.9638+0.0000i	10.9142+0.0000i	14.6898+0.0000i
0.1	28.0332+0.0813i	18.4054+0.0563i	-8.4441-0.4153i	10.9661-0.5179i	13.5272-1.1120i	1.9949-8.1693i	14.5996+0.6614i
0.2	-0.8717+2.8910i	-0.8648+0.2937i	-0.8117+0.2659i	-0.0678+0.4362i	-0.8136+1.4972i	0.0806-36.4813i	0.4754+3.2527i
0.3	-0.1023+0.2408i	-0.3079-0.0619i	0.2107+0.1031i	-0.8336-0.0197i	-0.9463+0.0590i	-2.3078-9.7888i	-0.6245+1.5859i
0.4	-0.4513-0.3387i	-0.8344-0.2825i	0.9709-0.4680i	-0.3613+0.3900i	-0.4823-0.5878i	-5.1116-4.7315i	-2.0767-0.1492i
0.5	-0.2363-0.1743i	-0.0647-0.0132i	-0.1286-0.1009i	-0.5911+0.1844i	0.2252+0.3216i	-1.9415-2.6393i	0.1841+0.1755i
0.6	0.0694-0.0797i	0.1318+0.1063i	-0.0182+0.0307i	-0.0768-0.0386i	0.1365+0.0501i	-2.2974-2.3543i	-0.0012+0.1946i
0.7	0.0303-0.0008i	0.1325+0.0492i	-0.0159+0.0126i	0.0118+0.0023i	0.1107-0.0028i	-0.2881-1.5475i	0.0564+0.0810i
0.8	-0.0002+0.0164i	0.2049+0.0221i	0.0106+0.0211i	-0.0069-0.0056i	0.2050+0.0351i	0.2034-0.1383i	0.2178+0.0169i
0.9	0.0033-0.0020i	0.2479+0.0003i	0.0061-0.0006i	-0.0057+0.0018i	0.2343+0.0069i	0.0082-0.0246i	0.2398-0.0271i
1.0	0.0013-0.0087i	0.2543-0.0468i	0.0034-0.0024i	0.0024+0.0089i	0.2456-0.0428i	-0.1405-0.1227i	0.2189-0.0504i
1.1	0.0021-0.0137i	0.3435-0.0620i	0.0029-0.0053i	0.0081+0.0067i	0.3333-0.0592i	-0.0728-0.0495i	0.3211-0.0480i
1.2	-0.0008-0.0281i	0.4803-0.0841i	0.0018-0.0051i	-0.0040+0.0003i	0.4699-0.0805i	0.0026-0.0047i	0.4398-0.0582i
1.3	-0.0333-0.0578i	0.5533-0.2427i	-0.0045-0.0040i	-0.0097+0.0315i	0.5427-0.2302i	0.0316-0.0013i	0.5495-0.1173i
1.4	-0.1786-0.0193i	0.3451-0.2188i	-0.0149-0.0008i	0.0809+0.0276i	0.3631-0.2101i	0.0304-0.0018i	0.7139-0.1516i
1.5	-0.2262+0.1497i	0.5848+0.0574i	-0.0154+0.0067i	0.1109-0.0725i	0.6072+0.0286i	0.0253-0.0044i	1.0390-0.3078i
1.6	-0.1252+0.2221i	1.0401-0.0503i	-0.0116+0.0097i	0.0433-0.1048i	1.0334-0.0911i	0.0165-0.0079i	1.1846-0.5704i
1.7	0.0614+0.2336i	1.2713-1.0936i	-0.0038+0.0128i	-0.0500-0.0568i	1.2235-1.1062i	0.0210-0.0202i	0.9550-1.4394i
1.8	0.1871+0.1531i	0.3342-1.7853i	0.0037+0.0129i	-0.0442+0.0170i	0.2907-1.7602i	-0.0096-0.0095i	-0.0703-1.7789i
1.9	0.2157+0.0576i	-0.7808-1.5767i	0.0086+0.0085i	0.0262+0.0472i	-0.7926-1.5378i	-0.0145-0.0226i	-0.9709-1.3782i
2.0	0.2156+0.0161i	-0.9557-1.2961i	0.0110+0.0058i	0.0734+0.0456i	-0.9569-1.2579i	0.0017-0.0214i	-1.0358-1.0713i
2.1	0.2552-0.0201i	-0.9143-0.9464i	0.0167+0.0029i	0.1523+0.0166i	-0.9126-0.9161i	0.0071-0.0164i	-0.9237-0.7604i
2.2	0.3514-0.2116i	-0.9348-0.7156i	0.0289-0.0183i	0.2781-0.1765i	-0.9319-0.6862i	0.0186-0.0310i	-0.8876-0.5716i
2.3	0.1496-0.4640i	-0.9639-0.6486i	0.0081-0.0461i	0.0931-0.4328i	-0.9537-0.6135i	-0.0020-0.0542i	-0.9012-0.5271i
2.4	-0.2321-0.2715i	-0.9372-0.5898i	-0.0341-0.0259i	-0.2835-0.2381i	-0.9159-0.5616i	-0.0365-0.0343i	-0.8767-0.4634i
2.5	-0.1373-0.0535i	-0.8456-0.5379i	-0.0246-0.0016i	-0.1837-0.0163i	-0.8282-0.5172i	-0.0228-0.0112i	-0.7751-0.4044i
2.6	-0.0719-0.0238i	-0.8114-0.4655i	-0.0180+0.0018i	-0.1102+0.0111i	-0.7959-0.4470i	-0.0125-0.0062i	-0.7246-0.3433i
2.7	-0.0501-0.0176i	-0.8107-0.4269i	-0.0155+0.0022i	-0.0802+0.0144i	-0.7950-0.4094i	-0.0092-0.0036i	-0.7076-0.3151i
2.8	-0.0379-0.0126i	-0.8483-0.3349i	-0.0143+0.0017i	-0.0589+0.0082i	-0.8310-0.3213i	-0.0137-0.0047i	-0.7251-0.2462i
2.9	-0.0300-0.0120i	-0.8183-0.3016i	-0.0134+0.0017i	-0.0481+0.0052i	-0.8011-0.2899i	-0.0060-0.0070i	-0.6863-0.2259i
3.0	-0.0260-0.0133i	-0.8249-0.3547i	-0.0138+0.0028i	-0.0385+0.0137i	-0.8064-0.3403i	-0.0001-0.0074i	-0.6749-0.2601i
3.1	-0.0211-0.0128i	-0.8115-0.3382i	-0.0141+0.0032i	-0.0308+0.0123i	-0.7938-0.3251i	-0.0009-0.0029i	-0.6618-0.2423i
3.2	-0.0184-0.0118i	-0.7468-0.3217i	-0.0173+0.0032i	-0.0344+0.0094i	-0.7312-0.3094i	0.0022-0.0078i	-0.5884-0.2274i
3.3	-0.0214-0.0132i	-0.7325-0.4154i	-0.0161+0.0067i	-0.0350+0.0213i	-0.7172-0.3995i	0.0083-0.0076i	-0.5625-0.2861i
3.4	-0.0226-0.0119i	-0.8655-0.4607i	-0.0126+0.0093i	-0.0206+0.0290i	-0.8472-0.4412i	0.0008-0.0124i	-0.6531-0.3195i
3.5	-0.0207-0.0047i	-0.8941-0.3381i	-0.0134+0.0056i	-0.0149+0.0170i	-0.8716-0.3227i	0.0007-0.0036i	-0.6698-0.2312i
3.6	-0.0207-0.0027i	-0.9182-0.3280i	-0.0117+0.0051i	-0.0103+0.0189i	-0.8952-0.3150i	0.0038-0.0063i	-0.6883-0.2407i
3.7	-0.0164-0.0017i	-0.8798-0.2644i	-0.0119+0.0035i	-0.0124+0.0155i	-0.8581-0.2536i	0.0058-0.0014i	-0.6479-0.1869i
3.8	-0.0176-0.0003i	-0.9067-0.1734i	-0.0124-0.0002i	-0.0104+0.0050i	-0.8828-0.1651i	0.0036-0.0011i	-0.6400-0.1111i
3.9	-0.0171-0.0028i	-0.8184-0.1615i	-0.0182+0.0020i	-0.0173+0.0036i	-0.7962-0.1534i	0.0139-0.0057i	-0.5581-0.1121i
4.0	-0.0140-0.0012i	-0.8489-0.1723i	-0.0137+0.0030i	-0.0122+0.0074i	-0.8267-0.1659i	0.0146-0.0035i	-0.5775-0.1255i
4.1	-0.0143+0.0013i	-0.8754-0.1304i	-0.0126+0.0013i	-0.0088+0.0062i	-0.8515-0.1257i	0.0156-0.0055i	-0.6044-0.0894i
4.2	-0.0191+0.0036i	-0.8982-0.1724i	-0.0129+0.0062i	-0.0078+0.0132i	-0.8726-0.1654i	0.0160-0.0072i	-0.6070-0.1287i
4.3	-0.0155+0.0028i	-0.8109-0.1314i	-0.0199+0.0038i	-0.0145+0.0081i	-0.7893-0.1266i	0.0266-0.0036i	-0.5074-0.0915i
4.4	-0.0122+0.0015i	-0.7648-0.1155i	-0.0240+0.0028i	-0.0159+0.0062i	-0.7437-0.1112i	0.0264+0.0006i	-0.4676-0.0872i
4.5	-0.0117+0.0018i	-0.7659-0.0979i	-0.0207+0.0027i	-0.0114+0.0055i	-0.7438-0.0940i	0.0273+0.0040i	-0.4588-0.0647i
4.6	-0.0134+0.0040i	-0.7671-0.0846i	-0.0202+0.0013i	-0.0122+0.0041i	-0.7441-0.0804i	0.0272+0.0013i	-0.4392-0.0527i
4.7	-0.0120+0.0049i	-0.7505-0.0678i	-0.0226+0.0018i	-0.0128+0.0037i	-0.7297-0.0651i	0.0291-0.0033i	-0.4042-0.0488i
4.8	-0.0092+0.0007i	-0.7240-0.0946i	-0.0244+0.0045i	-0.0146+0.0047i	-0.7045-0.0906i	0.0314-0.0067i	-0.3889-0.0647i
4.9	-0.0096+0.0003i	-0.6969-0.1037i	-0.0282+0.0047i	-0.0163+0.0056i	-0.6800-0.1003i	0.0338-0.0091i	-0.3676-0.0481i
5.0	-0.0111-0.0008i	-0.6978-0.0987i	-0.0285+0.0029i	-0.0118+0.0047i	-0.6792-0.0973i	0.0320-0.0053i	-0.3517-0.0805i
5.1	-0.0122+0.0013i	-0.7130-0.1039i	-0.0271+0.0032i	-0.0094+0.0064i	-0.6937-0.1020i	0.0346+0.0007i	-0.3489-0.1045i
5.2	-0.0110+0.0013i	-0.7278-0.1027i	-0.0277+0.0030i	-0.0058+0.0040i	-0.7073-0.0993i	0.0376-0.0025i	-0.3440-0.0879i
5.3	-0.0064+0.0030i	-0.7087-0.0881i	-0.0288+0.0031i	-0.0065+0.0043i	-0.6870-0.0840i	0.0393+0.0003i	-0.3291-0.0656i
5.4	-0.0010+0.0119i	-0.7119-0.1024i	-0.0209+0.0080i	-0.0041+0.0121i	-0.6914-0.1025i	0.0487+0.0011i	-0.3140-0.0889i
5.5	0.0018+0.0094i	-0.7220-0.1316i	-0.0206+0.0114i	0.0025+0.0096i	-0.7009-0.1288i	0.0553+0.0068i	-0.3081-0.1042i
5.6	0.0030-0.0004i	-0.7264-0.1204i	-0.0270+0.0054i	0.0054-0.0032i	-0.7054-0.1133i	0.0595+0.0082i	-0.2750-0.0743i

5.7	-0.0017-0.0067i	-0.7493-0.1215i	-0.0266+0.0034i	0.0010-0.0097i	-0.7309-0.1147i	0.0657+0.0027i	-0.2761-0.0846i
5.8	-0.0102-0.0007i	-0.7390-0.1079i	-0.0343+0.0093i	-0.0098-0.0049i	-0.7177-0.1048i	0.0567+0.0053i	-0.2801-0.0980i
5.9	-0.0146+0.0025i	-0.7827-0.1248i	-0.0297+0.0180i	-0.0136-0.0048i	-0.7589-0.1222i	0.0597+0.0126i	-0.3068-0.1089i
6.0	-0.0034+0.0032i	-0.7743-0.1411i	-0.0122+0.0164i	-0.0004+0.0006i	-0.7474-0.1377i	0.0834+0.0045i	-0.2683-0.1133i
6.1	-0.0037-0.0036i	-0.7818-0.1348i	-0.0045+0.0063i	0.0026-0.0074i	-0.7555-0.1287i	0.0990-0.0067i	-0.2470-0.1150i
6.2	-0.0070-0.0071i	-0.8019-0.1223i	-0.0033+0.0033i	-0.0026-0.0110i	-0.7786-0.1144i	0.0957-0.0027i	-0.2490-0.1021i
6.3	-0.0093-0.0098i	-0.7836-0.0890i	0.0055+0.0024i	-0.0053-0.0086i	-0.7592-0.0823i	0.1079-0.0005i	-0.2055-0.0652i
6.4	-0.0089-0.0077i	-0.7519-0.0769i	0.0044-0.0005i	-0.0052-0.0074i	-0.7290-0.0706i	0.1158+0.0034i	-0.1568-0.0732i
6.5	-0.0120-0.0100i	-0.7814-0.0897i	-0.0075-0.0092i	-0.0104-0.0085i	-0.7539-0.0841i	0.1141-0.0020i	-0.1667-0.0735i
6.6	-0.0132-0.0074i	-0.8015-0.0606i	0.0379-0.0071i	-0.0123-0.0074i	-0.7760-0.0548i	0.1524-0.0031i	-0.1709-0.0306i
6.7	-0.0133-0.0063i	-0.7971-0.0333i	0.0840+0.0007i	-0.0121-0.0057i	-0.7713-0.0308i	0.1907+0.0046i	-0.1600-0.0465i
6.8	-0.0155-0.0069i	-0.8096-0.0556i	0.1273-0.0179i	-0.0108-0.0074i	-0.7868-0.0532i	0.2266-0.0093i	-0.1488-0.0601i
6.9	-0.0131-0.0092i	-0.8027-0.0757i	0.1332-0.1003i	-0.0090-0.0085i	-0.7777-0.0748i	0.2415-0.0725i	-0.0897-0.0504i
7.0	-0.0121-0.0118i	-0.7832-0.0669i	0.1972-0.1795i	-0.0153-0.0067i	-0.7568-0.0655i	0.3067-0.1351i	-0.0424-0.0381i
7.1	-0.0161-0.0104i	-0.7841-0.0602i	0.1752-0.3703i	-0.0187-0.0031i	-0.7566-0.0635i	0.2958-0.2890i	-0.0418-0.0334i
7.2	-0.0211-0.0024i	-0.8015-0.0647i	-0.1380-0.5752i	-0.0149+0.0069i	-0.7752-0.0667i	0.0527-0.4519i	-0.0295-0.0252i
7.3	-0.0206-0.0048i	-0.8054-0.0732i	-0.4029-0.4829i	-0.0059+0.0068i	-0.7841-0.0705i	-0.1415-0.3707i	-0.0161-0.0380i
7.4	-0.0170-0.0033i	-0.8070-0.0583i	-0.4035-0.2499i	-0.0053+0.0033i	-0.7813-0.0539i	-0.1309-0.1900i	-0.0068-0.0192i
7.5	-0.0225-0.0045i	-0.8305-0.0686i	-0.3482-0.1603i	-0.0066-0.0033i	-0.8008-0.0648i	-0.0821-0.1263i	0.0249-0.0456i
7.6	-0.0224-0.0048i	-0.8255-0.0728i	-0.3347-0.1024i	-0.0072-0.0064i	-0.7962-0.0686i	-0.0690-0.0780i	0.0771-0.0496i
7.7	-0.0233-0.0039i	-0.8369-0.0689i	-0.3040-0.0873i	-0.0125-0.0043i	-0.8049-0.0633i	-0.0447-0.0756i	0.0904-0.0463i
7.8	-0.0228-0.0023i	-0.8500-0.0685i	-0.2990-0.0542i	-0.0080-0.0031i	-0.8179-0.0646i	-0.0149-0.0503i	0.1337-0.0533i
7.9	-0.0203-0.0048i	-0.8523-0.0798i	-0.2468-0.0589i	-0.0041-0.0083i	-0.8216-0.0777i	0.0287-0.0512i	0.1551-0.0718i
8.0	-0.0225-0.0071i	-0.8598-0.0790i	-0.2381-0.0645i	-0.0045-0.0116i	-0.8261-0.0750i	0.0421-0.0525i	0.1819-0.0856i
8.1	-0.0307-0.0152i	-0.8762-0.0880i	-0.2499-0.0739i	-0.0096-0.0139i	-0.8416-0.0818i	0.0499-0.0506i	0.1997-0.0825i
8.2	-0.0298-0.0119i	-0.8823-0.0875i	-0.2636-0.0854i	-0.0136-0.0174i	-0.8472-0.0819i	0.0492-0.0653i	0.2094-0.0578i
8.3	-0.0277-0.0073i	-0.8976-0.0860i	-0.2629-0.0850i	-0.0155-0.0170i	-0.8643-0.0839i	0.0594-0.0734i	0.2542-0.0520i
8.4	-0.0312-0.0095i	-0.9118-0.0727i	-0.2645-0.0752i	-0.0122-0.0153i	-0.8792-0.0717i	0.0739-0.0500i	0.3201-0.0227i
8.5	-0.0337-0.0113i	-0.9204-0.0665i	-0.2627-0.0687i	-0.0130-0.0148i	-0.8813-0.0631i	0.0824-0.0488i	0.3275-0.0342i
8.6	-0.0324-0.0126i	-0.9406-0.0707i	-0.2553-0.0569i	-0.0098-0.0127i	-0.8990-0.0676i	0.0975-0.0454i	0.3289-0.0770i
8.7	-0.0322-0.0119i	-0.9603-0.0792i	-0.2647-0.0588i	-0.0102-0.0105i	-0.9237-0.0787i	0.1114-0.0520i	0.3703-0.0829i
8.8	-0.0360-0.0118i	-0.9563-0.0793i	-0.2741-0.0799i	-0.0148-0.0160i	-0.9185-0.0824i	0.1228-0.0734i	0.4383-0.0848i
8.9	-0.0439-0.0123i	-0.9758-0.0858i	-0.2688-0.1040i	-0.0201-0.0158i	-0.9328-0.0855i	0.1251-0.0819i	0.5113-0.1112i
9.0	-0.0469-0.0125i	-0.9864-0.0807i	-0.2757-0.1173i	-0.0218-0.0128i	-0.9468-0.0822i	0.1349-0.0859i	0.5595-0.1360i
9.1	-0.0510-0.0110i	-0.9932-0.0882i	-0.2950-0.1458i	-0.0223-0.0108i	-0.9535-0.0860i	0.1379-0.1042i	0.5707-0.1289i
9.2	-0.0576-0.0081i	-0.9980-0.1030i	-0.3249-0.1657i	-0.0265-0.0081i	-0.9526-0.0970i	0.1452-0.1289i	0.6459-0.1399i
9.3	-0.0659-0.0047i	-1.0104-0.1040i	-0.3614-0.2117i	-0.0286-0.0035i	-0.9642-0.1018i	0.1338-0.1662i	0.7272-0.1659i
9.4	-0.0648+0.0014i	-1.0401-0.1141i	-0.4411-0.2414i	-0.0239+0.0034i	-0.9900-0.1135i	0.0927-0.1780i	0.7646-0.2048i
9.5	-0.0589-0.0011i	-1.0800-0.1161i	-0.5374-0.1959i	-0.0097+0.0013i	-1.0233-0.1123i	0.0678-0.1393i	0.7937-0.2021i
9.6	-0.0566-0.0083i	-1.1042-0.1205i	-0.5849-0.1537i	-0.0016-0.0086i	-1.0462-0.1185i	0.0536-0.1200i	0.8495-0.2082i
9.7	-0.0661-0.0156i	-1.1476-0.1289i	-0.6065-0.1207i	0.0005-0.0178i	-1.0857-0.1268i	0.0645-0.1081i	0.8551-0.2460i
9.8	-0.0763-0.0156i	-1.1834-0.1410i	-0.6259-0.0823i	-0.0016-0.0254i	-1.1159-0.1360i	0.0814-0.0902i	0.9004-0.3159i
9.9	-0.0859-0.0103i	-1.2172-0.1355i	-0.6498-0.0571i	-0.0070-0.0296i	-1.1470-0.1345i	0.0929-0.0817i	0.9935-0.3335i
10.0	-0.1009-0.0065i	-1.2675-0.1326i	-0.6719-0.0274i	-0.0205-0.0329i	-1.1940-0.1401i	0.0976-0.0940i	1.0364-0.3630i
10.1	-0.1129-0.0052i	-1.2924-0.1357i	-0.6808-0.0065i	-0.0240-0.0373i	-1.2146-0.1463i	0.1204-0.0962i	1.0997-0.3984i
10.2	-0.1180+0.0029i	-1.3274-0.1312i	-0.6942+0.0084i	-0.0333-0.0362i	-1.2515-0.1423i	0.1236-0.0951i	1.1336-0.4219i
10.3	-0.1223+0.0211i	-1.3734-0.1360i	-0.7037+0.0366i	-0.0383-0.0372i	-1.2950-0.1520i	0.1408-0.0943i	1.1734-0.4673i
10.4	-0.1314+0.0307i	-1.4134-0.1357i	-0.7319+0.0548i	-0.0466-0.0324i	-1.3302-0.1542i	0.1501-0.1030i	1.2543-0.5196i
10.5	-0.1327+0.0393i	-1.4715-0.1190i	-0.7502+0.0547i	-0.0475-0.0318i	-1.3858-0.1463i	0.1488-0.1144i	1.3003-0.5119i
10.6	-0.1273+0.0579i	-1.5376-0.1124i	-0.7691+0.0649i	-0.0516-0.0266i	-1.4526-0.1484i	0.1474-0.1243i	1.2967-0.5151i
10.7	-0.1360+0.0741i	-1.6111-0.1120i	-0.8052+0.0813i	-0.0544-0.0221i	-1.5255-0.1472i	0.1554-0.1254i	1.3844-0.6059i
10.8	-0.1304+0.0858i	-1.6589-0.0912i	-0.8261+0.1122i	-0.0528-0.0137i	-1.5755-0.1252i	0.1648-0.1251i	1.4360-0.6704i
10.9	-0.1211+0.0860i	-1.7037-0.0717i	-0.8332+0.1122i	-0.0527-0.0142i	-1.6220-0.1065i	0.1754-0.1262i	1.4883-0.6497i
11.0	-0.1210+0.0885i	-1.8179-0.0540i	-0.8786+0.1068i	-0.0515-0.0179i	-1.7391-0.0935i	0.1795-0.1254i	1.5777-0.6484i
11.1	-0.1233+0.0865i	-1.8931-0.0412i	-0.9234+0.1147i	-0.0559-0.0100i	-1.8092-0.0866i	0.1871-0.1167i	1.6757-0.5791i
11.2	-0.1273+0.0914i	-1.9644-0.0102i	-0.9701+0.1371i	-0.0573-0.0104i	-1.8829-0.0575i	0.1944-0.1062i	1.7507-0.6189i
11.3	-0.1345+0.0884i	-2.0478-0.0028i	-1.0209+0.1428i	-0.0614-0.0066i	-1.9647-0.0500i	0.2030-0.1060i	1.8999-0.5982i
11.4	-0.1421+0.0938i	-2.1406+0.0456i	-1.0786+0.1538i	-0.0656-0.0107i	-2.0574-0.0082i	0.2255-0.1073i	2.0959-0.6341i
11.5	-0.1518+0.0993i	-2.2641+0.0861i	-1.1461+0.1707i	-0.0590-0.0157i	-2.1766+0.0339i	0.2387-0.1046i	2.2585-0.6522i
11.6	-0.1643+0.1030i	-2.3887+0.1106i	-1.2310+0.1851i	-0.0573-0.0143i	-2.2937+0.0569i	0.2538-0.1003i	2.4325-0.6667i
11.7	-0.1813+0.1142i	-2.5455+0.1547i	-1.3396+0.2213i	-0.0635-0.0114i	-2.4462+0.0991i	0.2808-0.1001i	2.7173-0.7140i
11.8	-0.1971+0.1242i	-2.6615+0.2257i	-1.4199+0.2562i	-0.0638-0.0085i	-2.5576+0.1673i	0.3136-0.1020i	2.9664-0.7566i
11.9	-0.2206+0.1466i	-2.8547+0.3658i	-1.5446+0.3083i	-0.0645-0.0214i	-2.7454+0.2896i	0.3615-0.1148i	3.2866-0.9219i

12.0	-0.2557+0.1542i	-3.0755+0.4185i	-1.7056+0.3257i	-0.0734-0.0333i	-2.9527+0.3333i	0.3921-0.1108i	3.6590-0.9736i
12.1	-0.2962+0.1763i	-3.3366+0.5635i	-1.9008+0.3968i	-0.0839-0.0466i	-3.1962+0.4733i	0.4286-0.1195i	4.1839-1.1975i
12.2	-0.3303+0.2242i	-3.5985+0.7566i	-2.0725+0.5039i	-0.0946-0.0556i	-3.4413+0.6520i	0.4660-0.1484i	4.6234-1.4909i
12.3	-0.3806+0.2698i	-3.9346+0.9539i	-2.3317+0.5928i	-0.1106-0.0783i	-3.7631+0.8333i	0.5178-0.1865i	5.1966-1.7839i
12.4	-0.4320+0.3291i	-4.2175+1.2397i	-2.5945+0.7296i	-0.1384-0.1079i	-4.0378+1.0931i	0.5663-0.2246i	5.8340-2.2234i
12.5	-0.4752+0.4883i	-4.6238+1.9459i	-3.0052+1.1699i	-0.2123-0.1377i	-4.4301+1.7491i	0.6367-0.3001i	6.7279-3.3785i
12.6	-0.5004+0.6525i	-5.0350+2.6359i	-3.3935+1.6017i	-0.2807-0.1678i	-4.8359+2.3888i	0.7052-0.3848i	7.4873-4.4770i
12.7	-0.4405+0.8291i	-5.0776+3.4570i	-3.6201+2.1945i	-0.3906-0.1603i	-4.9138+3.1467i	0.7471-0.4834i	7.7020-5.8664i
12.8	-0.2813+1.0531i	-4.8770+4.6155i	-3.8216+3.0691i	-0.5832-0.1362i	-4.7751+4.2285i	0.7696-0.6184i	7.7136-7.8402i
12.9	-0.0350+1.2165i	-4.2156+5.7236i	-3.6496+4.1288i	-0.7679+0.0308i	-4.2183+5.2952i	0.6856-0.7685i	6.8493-9.9616i
13.0	0.2492+1.3300i	-3.5045+7.0090i	-3.5599+5.6347i	-1.0460+0.3480i	-3.6280+6.5724i	0.6319-0.9550i	6.0596-12.7115i
13.1	0.4538+1.3141i	-2.7010+7.7745i	-3.0497+6.8225i	-1.1014+0.7211i	-2.8925+7.3749i	0.5779-1.0992i	4.8034-14.6773i
13.2	0.8770+1.2844i	-0.3138+9.3348i	-0.8821+9.2124i	-0.8783+1.5196i	-0.6316+9.0293i	0.2722-1.2923i	0.2752-18.2663i
13.3	1.1330+1.0656i	2.1406+9.0134i	1.9239+9.4700i	-0.2960+1.8717i	1.7820+8.8075i	-0.0554-1.2295i	-4.8651-18.0022i
13.4	1.2818+0.6180i	4.6545+5.8636i	5.3719+6.6327i	0.7172+1.6516i	4.3455+5.7894i	-0.3128-0.7782i	-10.3826-12.0068i
13.5	1.2863+0.4441i	4.7979+4.1821i	5.9712+4.8732i	1.0530+1.3534i	4.5332+4.1552i	-0.2150-0.5717i	-10.8779-8.7101i
13.6	1.2400+0.2914i	4.2447+2.7501i	5.7976+3.0968i	1.2264+0.9583i	4.0310+2.7475i	-0.0549-0.4578i	-9.9941-5.6592i
13.7	1.2248+0.1735i	3.5172+1.8339i	5.2081+1.8898i	1.2817+0.6446i	3.3424+1.8381i	0.1205-0.4036i	-8.4896-3.6982i
13.8	1.2398+0.1077i	3.1361+1.4869i	4.8930+1.3641i	1.3148+0.4833i	2.9777+1.4900i	0.2153-0.4100i	-7.7068-2.9303i
13.9	1.3013+0.0350i	2.8216+1.1768i	4.6837+0.9276i	1.3923+0.3503i	2.6690+1.1870i	0.3257-0.4136i	-7.0517-2.2894i
14.0	1.3621-0.0839i	2.3555+0.9430i	4.3668+0.5262i	1.4494+0.1625i	2.2119+0.9589i	0.4915-0.4697i	-6.0984-1.8466i
14.1	1.4629-0.2691i	1.9453+0.8317i	4.1146+0.1291i	1.5383-0.0831i	1.8105+0.8554i	0.6822-0.6025i	-5.2720-1.6166i
14.2	1.5459-0.4967i	1.6899+0.8383i	4.0040-0.1866i	1.6138-0.3459i	1.5640+0.8756i	0.8438-0.8212i	-4.7460-1.6683i
14.3	1.6684-0.7561i	1.4837+0.8769i	4.0046-0.5293i	1.7261-0.6323i	1.3598+0.9226i	1.0381-1.1145i	-4.3164-1.7779i
14.4	1.6374-1.3515i	1.3161+1.0062i	3.8412-1.2524i	1.6777-1.2581i	1.2044+1.0726i	1.0842-1.8099i	-3.9887-2.1102i
14.5	1.1448-1.9435i	1.2969+1.1597i	3.2269-1.9477i	1.1597-1.8674i	1.2310+1.2410i	0.6250-2.4709i	-3.9823-2.4457i
14.6	0.3271-2.2495i	1.4556+1.1738i	2.2796-2.4097i	0.3285-2.1806i	1.4298+1.2506i	-0.2893-2.7942i	-4.4698-2.4675i
14.7	-0.3736-1.9254i	1.5710+1.0096i	1.3883-2.2320i	-0.3767-1.8668i	1.5690+1.0611i	-1.1044-2.4671i	-4.7962-2.0689i
14.8	-0.7587-1.4230i	1.6104+0.7615i	0.8523-1.8907i	-0.7474-1.3652i	1.6206+0.7875i	-1.5314-1.8501i	-4.8911-1.3964i
14.9	-0.8135-0.9371i	1.5071+0.5358i	0.5729-1.5146i	-0.8015-0.8857i	1.5120+0.5417i	-1.5591-1.2891i	-4.5658-0.8315i
15.0	-0.7549-0.7174i	1.3931+0.4442i	0.3913-1.2783i	-0.7562-0.6762i	1.3910+0.4437i	-1.5213-1.0384i	-4.2271-0.6601i
15.1	-0.6617-0.5284i	1.2474+0.3867i	0.2648-0.9659i	-0.6690-0.4903i	1.2442+0.3787i	-1.4061-0.7930i	-3.8666-0.5716i
15.2	-0.5755-0.3929i	1.1430+0.2972i	0.2539-0.7224i	-0.5804-0.3573i	1.1362+0.2810i	-1.2780-0.5967i	-3.6361-0.4456i
15.3	-0.5024-0.3131i	1.0466+0.2669i	0.2830-0.5557i	-0.5108-0.2767i	1.0359+0.2492i	-1.1823-0.4835i	-3.4162-0.4141i
15.4	-0.4674-0.2562i	0.9423+0.2301i	0.2617-0.4594i	-0.4709-0.2236i	0.9266+0.2113i	-1.1075-0.4008i	-3.1824-0.3583i
15.5	-0.4169-0.2149i	0.8598+0.2149i	0.2889-0.3830i	-0.4243-0.1930i	0.8451+0.1973i	-1.0322-0.3393i	-3.0341-0.3086i
15.6	-0.3686-0.1787i	0.8083+0.1964i	0.3379-0.3225i	-0.3783-0.1585i	0.7915+0.1792i	-0.9618-0.2770i	-2.9014-0.2608i
15.7	-0.3405-0.1669i	0.7631+0.1809i	0.3599-0.2983i	-0.3531-0.1466i	0.7475+0.1660i	-0.9077-0.2344i	-2.8249-0.2322i
15.8	-0.3036-0.1469i	0.6904+0.1775i	0.3577-0.2437i	-0.3096-0.1222i	0.6726+0.1629i	-0.8783-0.2035i	-2.6983-0.2461i
15.9	-0.2852-0.1156i	0.6450+0.1869i	0.3835-0.1957i	-0.2909-0.0946i	0.6307+0.1705i	-0.8421-0.1719i	-2.6465-0.2746i
16.0	-0.2666-0.0987i	0.5822+0.1813i	0.3576-0.1977i	-0.2737-0.0880i	0.5685+0.1610i	-0.7850-0.1350i	-2.4500-0.2168i
16.1	-0.2382-0.0968i	0.5403+0.1512i	0.3648-0.2457i	-0.2459-0.0850i	0.5217+0.1317i	-0.7476-0.1142i	-2.3212-0.0955i
16.2	-0.2214-0.1041i	0.4982+0.1305i	0.3661-0.2794i	-0.2300-0.0908i	0.4803+0.1165i	-0.7054-0.0913i	-2.2527-0.0179i
16.3	-0.2220-0.1038i	0.4709+0.1302i	0.3488-0.2822i	-0.2373-0.0913i	0.4560+0.1216i	-0.6663-0.0661i	-2.1371+0.0074i
16.4	-0.2135-0.0913i	0.4428+0.1102i	0.3124-0.2967i	-0.2330-0.0877i	0.4257+0.0971i	-0.6379-0.0212i	-2.0191+0.0538i
16.5	-0.2056-0.0931i	0.3865+0.0988i	0.2244-0.3263i	-0.2218-0.0862i	0.3670+0.0834i	-0.5732-0.0316i	-1.7772+0.0655i
16.6	-0.2047-0.0917i	0.3387+0.1041i	0.1781-0.3122i	-0.2189-0.0861i	0.3260+0.0920i	-0.5253-0.0423i	-1.6138+0.0595i
16.7	-0.2040-0.0949i	0.2980+0.0665i	0.1275-0.3074i	-0.2154-0.0846i	0.2858+0.0585i	-0.4763-0.0353i	-1.4800+0.1080i
16.8	-0.2152-0.0804i	0.2341+0.0825i	0.0530-0.2321i	-0.2213-0.0700i	0.2251+0.0758i	-0.4420-0.0554i	-1.3234+0.0022i
16.9	-0.2054-0.0720i	0.2018+0.0805i	0.0410-0.2145i	-0.2094-0.0664i	0.1993+0.0720i	-0.4465-0.0343i	-1.2470+0.0472i
17.0	-0.1907-0.0695i	0.1665+0.0639i	0.0383-0.1947i	-0.1986-0.0697i	0.1636+0.0562i	-0.4198-0.0411i	-1.1268+0.0050i
17.1	-0.1900-0.0692i	0.1186+0.0659i	0.0081-0.1522i	-0.1978-0.0665i	0.1172+0.0540i	-0.3787-0.0564i	-0.9670-0.0720i
17.2	-0.1935-0.0629i	0.0907+0.0714i	-0.0238-0.1102i	-0.2023-0.0613i	0.0966+0.0559i	-0.3643-0.0555i	-0.9120-0.1153i
17.3	-0.1953-0.0691i	0.0039+0.0749i	-0.0540-0.1013i	-0.1997-0.0675i	0.0154+0.0667i	-0.3106-0.0884i	-0.7235-0.1800i
17.4	-0.1953-0.0801i	-0.0223+0.0660i	-0.0723-0.1246i	-0.1937-0.0820i	-0.0107+0.0601i	-0.2917-0.1093i	-0.6309-0.1610i
17.5	-0.2034-0.0849i	-0.0682+0.0619i	-0.1147-0.1391i	-0.2020-0.0853i	-0.0512+0.0515i	-0.2864-0.1101i	-0.5012-0.1461i
17.6	-0.2222-0.0824i	-0.1671+0.0638i	-0.2122-0.0931i	-0.2167-0.0793i	-0.1408+0.0523i	-0.2610-0.1187i	-0.2064-0.2172i
17.7	-0.2333-0.0715i	-0.2345+0.1289i	-0.2500-0.0102i	-0.2207-0.0735i	-0.2089+0.1170i	-0.2635-0.1531i	-0.1124-0.4583i
17.8	-0.2295-0.0808i	-0.2203+0.0825i	-0.2386-0.0676i	-0.2167-0.0866i	-0.1999+0.0700i	-0.2409-0.1397i	-0.1239-0.2873i
17.9	-0.2406-0.0602i	-0.2896+0.1465i	-0.2522+0.0274i	-0.2271-0.0768i	-0.2611+0.1324i	-0.2376-0.1647i	0.0187-0.4623i
18.0	-0.2639-0.0546i	-0.3883+0.2053i	-0.3106+0.1161i	-0.2429-0.0707i	-0.3497+0.1888i	-0.2362-0.2133i	0.2454-0.6926i
18.1	-0.2829-0.0615i	-0.4579+0.1808i	-0.3648+0.1085i	-0.2557-0.0775i	-0.4141+0.1650i	-0.2359-0.2153i	0.4031-0.6470i
18.2	-0.3020-0.0738i	-0.5470+0.1528i	-0.4421+0.0832i	-0.2684-0.0970i	-0.4933+0.1385i	-0.2071-0.2150i	0.6600-0.5854i

18.3	-0.3155-0.0766i	-0.6066+0.1317i	-0.5013+0.1017i	-0.2759-0.0967i	-0.5496+0.1183i	-0.1820-0.2154i	0.8387-0.6350i
18.4	-0.3149-0.0540i	-0.5932+0.1619i	-0.5112+0.1270i	-0.2818-0.0790i	-0.5373+0.1427i	-0.1854-0.2077i	0.8336-0.6894i
18.5	-0.3571+0.0189i	-0.7027+0.3936i	-0.5699+0.3727i	-0.3188-0.0212i	-0.6257+0.3523i	-0.2322-0.2477i	1.0375-1.3731i
18.6	-0.3964+0.0235i	-0.9389+0.3521i	-0.7455+0.4825i	-0.3346-0.0216i	-0.8425+0.3151i	-0.1735-0.2494i	1.6534-1.4326i
18.7	-0.3723+0.0203i	-0.9640+0.3617i	-0.6742+0.5144i	-0.3081-0.0348i	-0.8703+0.3212i	-0.1371-0.2497i	1.6435-1.4975i
18.8	-0.3611-0.0007i	-0.9791+0.3843i	-0.5971+0.4450i	-0.3059-0.0514i	-0.8739+0.3408i	-0.1329-0.2712i	1.5549-1.5045i
18.9	-0.3846+0.0226i	-1.0584+0.5011i	-0.5953+0.4945i	-0.3273-0.0335i	-0.9398+0.4413i	-0.1539-0.2898i	1.6202-1.7514i
19.0	-0.4600+0.0855i	-1.3617+0.7628i	-0.6942+0.7123i	-0.3853+0.0023i	-1.2205+0.6704i	-0.1591-0.3513i	2.1328-2.5217i
19.1	-0.4998+0.0856i	-1.5353+0.7991i	-0.7830+0.7575i	-0.4106-0.0042i	-1.3811+0.7009i	-0.1218-0.3514i	2.5843-2.6447i
19.2	-0.5351+0.1045i	-1.7163+0.9482i	-0.8589+0.8248i	-0.4319+0.0002i	-1.5466+0.8311i	-0.0656-0.3749i	2.9339-2.9663i
19.3	-0.6000+0.1930i	-1.9988+1.3463i	-0.9485+1.0864i	-0.4837+0.0528i	-1.8099+1.1799i	-0.0364-0.4693i	3.4113-4.0551i
19.4	-0.6124+0.3023i	-2.0619+1.8458i	-0.8828+1.3535i	-0.5099+0.1220i	-1.8742+1.6281i	-0.0724-0.5568i	3.2178-5.1722i
19.5	-0.5815+0.5834i	-1.7919+3.1037i	-0.5456+1.9960i	-0.5230+0.3014i	-1.6460+2.7562i	-0.2376-0.7350i	2.0249-7.7110i
19.6	-0.5898+0.6442i	-1.7733+3.4501i	-0.5461+2.1416i	-0.5376+0.3317i	-1.6342+3.0658i	-0.2710-0.8006i	1.8971-8.3973i
19.7	-0.3229+0.7525i	-0.4585+3.8325i	0.1941+2.1464i	-0.3794+0.4479i	-0.4636+3.4315i	-0.5287-0.7207i	-1.0457-8.5468i
19.8	-0.0638+0.9189i	0.9215+4.4695i	0.9310+2.3232i	-0.2400+0.6023i	0.7725+4.0258i	-0.7930-0.6365i	-4.0446-9.1730i
19.9	-0.0822+1.0133i	1.0367+5.0180i	0.9354+2.5972i	-0.2716+0.6539i	0.8683+4.5179i	-0.8230-0.7095i	-4.2214-10.1661i
20.0	0.1835+0.9295i	2.3198+4.4169i	1.5229+2.2199i	-0.0734+0.6466i	2.0244+3.9960i	-0.8751-0.4790i	-6.4291-8.5633i
20.1	0.3855+0.9059i	3.3291+4.1810i	1.9515+2.0328i	0.0579+0.6610i	2.9303+3.8021i	-0.9236-0.4031i	-8.0298-7.7933i
20.2	0.4545+0.9144i	3.7341+4.1507i	2.1085+2.0412i	0.1001+0.6686i	3.2967+3.7815i	-0.9401-0.4386i	-8.5911-7.7561i
20.3	0.5059+0.7917i	3.9208+3.5256i	2.1190+1.7079i	0.1451+0.5905i	3.4678+3.2270i	-0.9045-0.4215i	-8.6029-6.5879i
20.4	0.5634+0.6779i	4.2244+2.9052i	2.1439+1.4130i	0.1953+0.5223i	3.7569+2.6706i	-0.9187-0.3721i	-8.8450-5.4991i
20.5	0.6385+0.5834i	4.6608+2.3134i	2.2405+1.1814i	0.2520+0.4724i	4.1639+2.1464i	-0.9675-0.2918i	-9.3784-4.5517i
20.6	0.7072+0.4196i	4.9311+1.2676i	2.3526+0.7694i	0.3207+0.3778i	4.4168+1.1996i	-0.9937-0.1725i	-9.7451-2.7822i
20.7	0.5990+0.3298i	4.2841+0.8517i	2.0310+0.6113i	0.2644+0.3003i	3.8333+0.8100i	-0.8884-0.1579i	-8.4332-2.2037i
20.8	0.5655+0.2544i	4.1563+0.3909i	1.9361+0.4750i	0.2490+0.2520i	3.7252+0.4036i	-0.8737-0.1236i	-8.0457-1.6422i
20.9	0.5223+0.2178i	3.9211+0.0756i	1.8054+0.4300i	0.2238+0.2175i	3.5156+0.1134i	-0.8451-0.0831i	-7.6152-1.3217i
21.0	0.4756+0.1429i	3.5347-0.4404i	1.6538+0.2610i	0.2022+0.1668i	3.1760-0.3597i	-0.7922-0.0148i	-6.9699-0.5708i
21.1	0.4518+0.0961i	3.3326-0.7523i	1.5836+0.1586i	0.1926+0.1384i	2.9940-0.6429i	-0.7481+0.0195i	-6.5917-0.0870i
21.2	0.4141+0.0804i	3.0131-0.8996i	1.4699+0.1132i	0.1691+0.1167i	2.6989-0.7783i	-0.6970+0.0275i	-6.1022+0.0700i
21.3	0.4014+0.0937i	3.0105-0.8768i	1.4536+0.1511i	0.1596+0.1185i	2.6988-0.7601i	-0.6768+0.0051i	-5.9997-0.0917i
21.4	0.3773+0.0064i	2.5449-1.5486i	1.3668-0.0572i	0.1491+0.0722i	2.2839-1.3699i	-0.6591+0.0849i	-5.5758+0.7625i
21.5	0.3820-0.0221i	2.3852-1.9410i	1.3864-0.1065i	0.1485+0.0606i	2.1327-1.7253i	-0.6555+0.1002i	-5.4838+1.0343i
21.6	0.3550-0.0163i	2.1646-1.9307i	1.3222-0.0731i	0.1318+0.0637i	1.9379-1.7176i	-0.6384+0.0633i	-5.1908+0.9235i
21.7	0.3240-0.0308i	1.7797-1.8971i	1.2428-0.1141i	0.1141+0.0547i	1.5944-1.6878i	-0.6088+0.0820i	-4.8357+1.0129i
21.8	0.2837-0.0362i	1.3648-1.7320i	1.1178-0.1290i	0.0893+0.0472i	1.2165-1.5440i	-0.5596+0.0738i	-4.3285+0.9548i
21.9	0.2729-0.0262i	1.2235-1.6947i	1.1077-0.1052i	0.0792+0.0549i	1.0879-1.5087i	-0.5592+0.0571i	-4.2567+0.8386i
22.0	0.2583-0.0348i	1.0001-1.5282i	1.0641-0.1411i	0.0712+0.0534i	0.8779-1.3560i	-0.5577+0.0778i	-4.0582+0.9076i
22.1	0.2370-0.0427i	0.7974-1.3885i	0.9791-0.1646i	0.0595+0.0494i	0.6987-1.2363i	-0.5127+0.0912i	-3.7736+0.9586i
22.2	0.2315-0.0375i	0.4694-1.4124i	0.9511-0.1718i	0.0533+0.0599i	0.3991-1.2592i	-0.5045+0.1007i	-3.5913+0.9503i
22.3	0.2143-0.0489i	0.3227-1.3168i	0.8986-0.1848i	0.0503+0.0595i	0.2648-1.1664i	-0.4808+0.1065i	-3.3964+0.9834i
22.4	0.1922-0.0605i	0.2428-1.1840i	0.8342-0.2086i	0.0491+0.0552i	0.1966-1.0481i	-0.4557+0.1083i	-3.1964+1.0227i
22.5	0.1818-0.0529i	0.3046-1.2078i	0.7992-0.1710i	0.0419+0.0611i	0.2551-1.0699i	-0.4622+0.0846i	-3.1131+0.9251i
22.6	0.1988-0.0759i	0.2861-1.2839i	0.8329-0.2102i	0.0555+0.0643i	0.2427-1.1286i	-0.4629+0.1061i	-3.2068+1.1137i
22.7	0.1844-0.0762i	0.0561-1.1498i	0.8055-0.2194i	0.0509+0.0607i	0.0342-1.0113i	-0.4450+0.1225i	-3.0214+1.1181i
22.8	0.1486-0.0824i	-0.0093-1.0265i	0.6993-0.2179i	0.0440+0.0539i	-0.0287-0.8959i	-0.4045+0.1175i	-2.6689+1.1703i
22.9	0.1544-0.0987i	0.0420-1.0715i	0.7011-0.2448i	0.0537+0.0634i	0.0215-0.9287i	-0.4054+0.1270i	-2.6783+1.3769i
23.0	0.1403-0.1043i	0.0877-1.0487i	0.6855-0.2321i	0.0463+0.0658i	0.0708-0.9065i	-0.4243+0.1048i	-2.6894+1.2752i
23.1	0.1109-0.1010i	-0.1408-0.9906i	0.6286-0.1913i	0.0606+0.0634i	-0.1244-0.8570i	-0.3693+0.1038i	-2.2533+1.1737i
23.2	0.1099-0.1035i	-0.2869-0.8512i	0.6371-0.1998i	0.0758+0.0559i	-0.2540-0.7333i	-0.3413+0.1076i	-2.1118+1.1974i
23.3	0.0953-0.0679i	-0.3763-0.5684i	0.6110-0.1530i	0.0593+0.0425i	-0.3400-0.4880i	-0.3329+0.0809i	-2.0044+0.8226i
23.4	0.0764-0.0551i	-0.3627-0.4884i	0.5676-0.1400i	0.0507+0.0539i	-0.3257-0.4129i	-0.3333+0.0830i	-1.9079+0.7837i
23.5	0.0557-0.0458i	-0.3447-0.4260i	0.5226-0.1279i	0.0489+0.0525i	-0.3054-0.3558i	-0.3337+0.0814i	-1.8370+0.7429i
23.6	0.0614-0.0399i	-0.3118-0.3401i	0.5478-0.0992i	0.0502+0.0490i	-0.2777-0.2854i	-0.3270+0.0629i	-1.8174+0.5779i
23.7	0.0673-0.0335i	-0.3297-0.2449i	0.5754-0.1055i	0.0525+0.0429i	-0.3003-0.2075i	-0.3218+0.0501i	-1.7737+0.4704i
23.8	0.0651-0.0132i	-0.2870-0.1806i	0.5499-0.0678i	0.0445+0.0417i	-0.2584-0.1501i	-0.3102+0.0318i	-1.7291+0.2776i
23.9	0.0594-0.0100i	-0.2494-0.0757i	0.5139-0.0826i	0.0448+0.0329i	-0.2262-0.0565i	-0.2940+0.0443i	-1.6476+0.3184i
24.0	0.0600-0.0026i	-0.2245-0.0587i	0.5125-0.0794i	0.0469+0.0308i	-0.2032-0.0481i	-0.2985+0.0374i	-1.6039+0.2945i
24.1	0.0592+0.0047i	-0.1798-0.0479i	0.5014-0.0667i	0.0465+0.0291i	-0.1605-0.0394i	-0.2877+0.0279i	-1.5882+0.2022i
24.2	0.0620-0.0130i	-0.1323-0.0074i	0.4726-0.0941i	0.0435+0.0266i	-0.1194+0.0064i	-0.2761+0.0373i	-1.5690+0.3135i
24.3	0.0678-0.0057i	-0.0922+0.0067i	0.4807-0.0724i	0.0337+0.0267i	-0.0839+0.0188i	-0.2964+0.0306i	-1.6276+0.2330i
24.4	0.0669+0.0086i	-0.0459+0.0224i	0.4784-0.0531i	0.0427+0.0262i	-0.0411+0.0288i	-0.2919+0.0177i	-1.5528+0.1510i
24.5	0.0678-0.0016i	-0.0310+0.0428i	0.4644-0.0766i	0.0505+0.0178i	-0.0305+0.0458i	-0.2792+0.0156i	-1.5008+0.1689i

24.6	0.0752-0.0027i	-0.0097+0.0396i	0.4609-0.0810i	0.0487+0.0131i	-0.0227+0.0397i	-0.2702+0.0159i	-1.5198+0.1414i
24.7	0.0732-0.0025i	-0.0382+0.0485i	0.4647-0.1098i	0.0375+0.0168i	-0.0463+0.0504i	-0.2889+0.0455i	-1.5471+0.2359i
24.8	0.0597-0.0081i	0.0004+0.0546i	0.4285-0.0885i	0.0304+0.0152i	-0.0014+0.0572i	-0.2734+0.0284i	-1.4771+0.2175i
24.9	0.0589-0.0037i	0.0281+0.0463i	0.4270-0.0887i	0.0297+0.0095i	0.0227+0.0436i	-0.2700+0.0286i	-1.4630+0.1864i
25.0	0.0530+0.0125i	0.0583+0.0315i	0.4005-0.0444i	0.0149+0.0172i	0.0458+0.0349i	-0.2714+0.0121i	-1.4133+0.0878i
25.1	0.0530+0.0228i	0.0722+0.0372i	0.3908-0.0183i	0.0179+0.0322i	0.0614+0.0365i	-0.2637+0.0113i	-1.3535+0.0740i
25.2	0.0605+0.0133i	0.0697+0.0554i	0.3753-0.0518i	0.0271+0.0299i	0.0653+0.0536i	-0.2504+0.0385i	-1.3237+0.1383i
25.3	0.0626+0.0151i	0.0682+0.0339i	0.3667-0.0653i	0.0301+0.0291i	0.0595+0.0366i	-0.2467+0.0428i	-1.3079+0.1041i
25.4	0.0604+0.0181i	0.0782+0.0567i	0.3469-0.0944i	0.0269+0.0351i	0.0620+0.0506i	-0.2267+0.0604i	-1.2078+0.2203i
25.5	0.0460+0.0031i	0.1048+0.0349i	0.3227-0.0741i	0.0198+0.0194i	0.0825+0.0264i	-0.2126+0.0266i	-1.1713+0.1094i
25.6	0.0477+0.0072i	0.0973+0.0458i	0.3277-0.0839i	0.0257+0.0226i	0.0819+0.0419i	-0.2137+0.0355i	-1.1498+0.1621i
25.7	0.0585+0.0092i	0.1013+0.0531i	0.3203-0.0855i	0.0467+0.0264i	0.0829+0.0521i	-0.1936+0.0500i	-1.0901+0.1744i
25.8	0.0649+0.0060i	0.0950+0.0436i	0.3007-0.0704i	0.0468+0.0212i	0.0808+0.0370i	-0.1880+0.0365i	-1.0474+0.0754i
25.9	0.0625+0.0055i	0.1047+0.0420i	0.2657-0.0519i	0.0440+0.0103i	0.0864+0.0380i	-0.1643+0.0259i	-0.9669+0.0500i
26.0	0.0594+0.0171i	0.1083+0.0246i	0.2716-0.0123i	0.0332+0.0132i	0.0847+0.0270i	-0.1752-0.0075i	-1.0155-0.0440i
26.1	0.0566+0.0084i	0.0913+0.0346i	0.2682-0.0488i	0.0304+0.0155i	0.0745+0.0320i	-0.1792+0.0077i	-1.0121+0.0204i
26.2	0.0437+0.0027i	0.1003+0.0466i	0.2595-0.0655i	0.0252+0.0128i	0.0783+0.0373i	-0.1847+0.0170i	-0.9768+0.0364i
26.3	0.0483-0.0040i	0.0905+0.0485i	0.2364-0.0642i	0.0311+0.0070i	0.0710+0.0440i	-0.1647+0.0256i	-0.9025+0.0513i
26.4	0.0522-0.0049i	0.1003+0.0493i	0.1601-0.0352i	0.0417+0.0042i	0.0752+0.0515i	-0.1059+0.0178i	-0.7387+0.0488i
26.5	0.0513+0.0030i	0.1175+0.0285i	0.1464-0.0154i	0.0459+0.0012i	0.0902+0.0254i	-0.0930+0.0111i	-0.6633+0.0194i
26.6	0.0438+0.0108i	0.1113+0.0373i	0.1338+0.0262i	0.0432+0.0009i	0.0858+0.0316i	-0.0857-0.0141i	-0.6074-0.1236i
26.7	0.0451+0.0126i	0.0921+0.0352i	0.1728+0.0476i	0.0392+0.0021i	0.0721+0.0254i	-0.1081-0.0258i	-0.7317-0.1658i
26.8	0.0433+0.0098i	0.1086+0.0325i	0.1325+0.0293i	0.0377+0.0021i	0.0815+0.0306i	-0.0783-0.0028i	-0.6394-0.1091i
26.9	0.0353+0.0111i	0.1261+0.0484i	0.0672+0.0950i	0.0398+0.0000i	0.0925+0.0461i	-0.0163-0.0470i	-0.3959-0.2675i
27.0	0.0339+0.0179i	0.1416+0.0555i	0.0269+0.1341i	0.0431-0.0012i	0.1059+0.0443i	0.0266-0.0670i	-0.2629-0.3681i
27.1	0.0276+0.0158i	0.1369+0.0480i	0.0391+0.1558i	0.0342+0.0035i	0.1032+0.0444i	-0.0009-0.0925i	-0.2986-0.4479i
27.2	0.0256+0.0224i	0.1269+0.0406i	0.0088+0.1771i	0.0401-0.0056i	0.0968+0.0366i	0.0263-0.1195i	-0.1874-0.5360i
27.3	0.0330+0.0301i	0.1172+0.0301i	0.0972+0.1972i	0.0465+0.0051i	0.0872+0.0276i	-0.0319-0.1339i	-0.4416-0.5244i
27.4	0.0283+0.0268i	0.1123+0.0431i	0.0804+0.2116i	0.0448+0.0050i	0.0890+0.0404i	-0.0225-0.1431i	-0.3780-0.5425i
27.5	0.0238+0.0282i	0.0889+0.0589i	0.0600+0.2930i	0.0337+0.0026i	0.0658+0.0537i	-0.0156-0.2132i	-0.3277-0.8105i
27.6	0.0155+0.0367i	0.0973+0.0557i	0.0403+0.3602i	0.0307+0.0002i	0.0728+0.0480i	0.0050-0.2775i	-0.2575-1.0190i
27.7	0.0142+0.0365i	0.0972+0.0725i	0.0085+0.3729i	0.0399-0.0075i	0.0755+0.0583i	0.0380-0.2810i	-0.1570-1.0522i
27.8	0.0186+0.0394i	0.0990+0.0843i	0.0211+0.3707i	0.0453+0.0004i	0.0736+0.0623i	0.0181-0.2780i	-0.1937-1.0204i
27.9	0.0149+0.0499i	0.1066+0.0965i	0.0462+0.4266i	0.0361-0.0049i	0.0868+0.0767i	0.0019-0.3234i	-0.1959-1.2342i
28.0	0.0391+0.0519i	0.1174+0.1005i	0.1427+0.4644i	0.0423-0.0099i	0.0888+0.0821i	-0.0732-0.3450i	-0.4939-1.3140i
28.1	0.0562+0.0376i	0.1401+0.0942i	0.2162+0.3974i	0.0485-0.0099i	0.1020+0.0686i	-0.1276-0.3004i	-0.7146-1.1127i
28.2	0.0679+0.0450i	0.1630+0.0790i	0.3102+0.3847i	0.0549-0.0109i	0.1215+0.0591i	-0.1987-0.2856i	-0.9510-1.0450i
28.3	0.0603+0.0395i	0.1728+0.0733i	0.2984+0.3936i	0.0557-0.0147i	0.1325+0.0536i	-0.1857-0.2990i	-0.9124-1.0692i
28.4	0.0500+0.0327i	0.1892+0.0745i	0.3233+0.3633i	0.0485-0.0101i	0.1450+0.0553i	-0.2130-0.2842i	-1.0040-1.0101i
28.5	0.0472+0.0250i	0.1966+0.0726i	0.3205+0.3349i	0.0505-0.0096i	0.1540+0.0557i	-0.2187-0.2526i	-0.9624-0.9715i
28.6	0.0451+0.0272i	0.1960+0.0612i	0.3247+0.3065i	0.0538-0.0154i	0.1576+0.0472i	-0.2152-0.2275i	-0.9776-0.8654i
28.7	0.0335+0.0265i	0.1950+0.0585i	0.3200+0.2997i	0.0457-0.0167i	0.1598+0.0415i	-0.2182-0.2269i	-0.9710-0.7747i
28.8	0.0313+0.0259i	0.2029+0.0347i	0.3077+0.2502i	0.0482-0.0141i	0.1709+0.0309i	-0.2158-0.1901i	-0.9321-0.6572i
28.9	0.0374+0.0254i	0.2084+0.0275i	0.2982+0.2305i	0.0641-0.0176i	0.1736+0.0228i	-0.2069-0.1693i	-0.9060-0.6538i
29.0	0.0317+0.0130i	0.2033+0.0299i	0.2861+0.2211i	0.0673-0.0270i	0.1628+0.0268i	-0.1934-0.1693i	-0.8811-0.6469i
29.1	0.0260+0.0142i	0.1989+0.0277i	0.2845+0.2196i	0.0630-0.0244i	0.1566+0.0189i	-0.1999-0.1655i	-0.8150-0.5701i
29.2	0.0209+0.0162i	0.1983+0.0238i	0.2478+0.2101i	0.0657-0.0091i	0.1552+0.0082i	-0.1816-0.1562i	-0.7557-0.5916i
29.3	0.0180+0.0273i	0.2410+0.0035i	0.2133+0.2232i	0.0889-0.0246i	0.1882-0.0053i	-0.1567-0.1577i	-0.6569-0.6042i
29.4	0.0164+0.0341i	0.2286+0.0042i	0.1853+0.2250i	0.0973-0.0303i	0.1838-0.0112i	-0.1444-0.1648i	-0.5568-0.5877i
29.5	0.0024+0.0110i	0.2035+0.0035i	0.1528+0.1986i	0.0810-0.0467i	0.1750-0.0122i	-0.1105-0.1545i	-0.4814-0.5136i
29.6	-0.0008+0.0069i	0.2187+0.0008i	0.1518+0.1966i	0.0876-0.0493i	0.1867-0.0066i	-0.1089-0.1486i	-0.4733-0.5058i
29.7	-0.0055+0.0318i	0.2350-0.0082i	0.1337+0.2209i	0.0873-0.0420i	0.1871-0.0074i	-0.1022-0.1534i	-0.4231-0.6110i
29.8	-0.0111+0.0359i	0.2507-0.0229i	0.1030+0.2403i	0.0984-0.0467i	0.2094-0.0350i	-0.0822-0.1490i	-0.2895-0.6073i
29.9	-0.0025+0.0606i	0.2655-0.0174i	0.0539+0.2626i	0.1256-0.0205i	0.2289-0.0300i	-0.0655-0.1431i	-0.1983-0.5792i
30.0	-0.0258+0.0547i	0.2710-0.0227i	0.0249+0.2445i	0.1203-0.0235i	0.2252-0.0325i	-0.0442-0.1516i	-0.1326-0.5365i
30.1	-0.0375+0.0454i	0.2585-0.0346i	0.0096+0.2522i	0.1255-0.0489i	0.2147-0.0476i	-0.0240-0.1564i	-0.0272-0.5726i
30.2	-0.0493+0.0495i	0.2632-0.0358i	-0.0160+0.2621i	0.1346-0.0474i	0.2263-0.0454i	-0.0023-0.1530i	0.0641-0.6339i
30.3	-0.0593+0.0754i	0.2932-0.0331i	-0.0651+0.2725i	0.1551-0.0290i	0.2553-0.0394i	0.0247-0.1662i	0.1818-0.6854i
30.4	-0.0633+0.0805i	0.3048-0.0336i	-0.0971+0.2942i	0.1698-0.0536i	0.2609-0.0427i	0.0512-0.1741i	0.3053-0.7547i
30.5	-0.0925+0.0681i	0.3142-0.0581i	-0.1315+0.3089i	0.1702-0.0860i	0.2768-0.0639i	0.0862-0.1872i	0.4383-0.6910i
30.6	-0.1038+0.0807i	0.3187-0.0943i	-0.1709+0.3428i	0.1781-0.1054i	0.2873-0.1017i	0.1092-0.2067i	0.5255-0.7878i
30.7	-0.1100+0.1118i	0.3260-0.1326i	-0.2094+0.4066i	0.2022-0.1166i	0.2982-0.1437i	0.1345-0.2370i	0.6107-0.9509i
30.8	-0.1059+0.1115i	0.3390-0.1376i	-0.2288+0.4337i	0.2183-0.1387i	0.3086-0.1517i	0.1591-0.2543i	0.6653-1.0239i

30.9	−0.1316+0.1276i	0.3689−0.1443i	−0.2899+0.4398i	0.2287−0.1480i	0.3392−0.1595i	0.2037−0.2670i	0.7970−1.0394i
31.0	−0.1397+0.1499i	0.3770−0.1613i	−0.3483+0.5088i	0.2402−0.1879i	0.3449−0.1787i	0.2443−0.3044i	0.9220−1.2722i
31.1	−0.1580+0.1710i	0.3823−0.2052i	−0.3714+0.5842i	0.2524−0.2345i	0.3590−0.2217i	0.2722−0.3561i	1.0224−1.4659i
31.2	−0.1766+0.2216i	0.3974−0.2373i	−0.4294+0.6528i	0.2711−0.2699i	0.3765−0.2631i	0.3186−0.3973i	1.2332−1.6832i
31.3	−0.1736+0.2502i	0.3898−0.2997i	−0.4216+0.7598i	0.2607−0.3420i	0.3678−0.3247i	0.3376−0.4557i	1.2249−1.8711i
31.4	−0.1907+0.3067i	0.3907−0.3701i	−0.4514+0.8347i	0.2590−0.3873i	0.3625−0.4030i	0.3572−0.5080i	1.2726−2.0774i
31.5	−0.1879+0.3898i	0.3927−0.4633i	−0.4670+0.9735i	0.2521−0.4602i	0.3627−0.5116i	0.3772−0.6069i	1.2775−2.3811i
31.6	−0.1425+0.4552i	0.3527−0.5364i	−0.4518+1.1038i	0.1984−0.5192i	0.3057−0.5846i	0.3737−0.6975i	1.1492−2.7295i
31.7	−0.0732+0.5110i	0.2521−0.5758i	−0.3647+1.1596i	0.1039−0.5571i	0.1973−0.6327i	0.3236−0.7558i	0.9084−2.9462i
31.8	0.0040+0.5433i	0.1717−0.5962i	−0.3066+1.2457i	0.0173−0.5888i	0.1104−0.6565i	0.2903−0.8263i	0.6700−3.1562i
31.9	0.0686+0.5496i	0.1377−0.5998i	−0.2856+1.3361i	−0.0243−0.5989i	0.0534−0.6613i	0.2854−0.8729i	0.5390−3.2583i
32.0	0.1515+0.5442i	0.0900−0.6187i	−0.2582+1.4366i	−0.0892−0.5768i	−0.0275−0.6634i	0.2642−0.9489i	0.3964−3.3174i
32.1	0.1911+0.5046i	0.0458−0.5888i	−0.2328+1.4847i	−0.1241−0.5537i	−0.0684−0.6224i	0.2571−1.0007i	0.3815−3.3434i
32.2	0.2562+0.4632i	−0.0206−0.5817i	−0.1664+1.5993i	−0.1769−0.5588i	−0.1383−0.6079i	0.2257−1.1017i	0.2796−3.5552i
32.3	0.2780+0.4457i	−0.0583−0.6030i	−0.0900+1.7033i	−0.2247−0.5630i	−0.1806−0.6209i	0.1647−1.1765i	0.1642−3.7484i
32.4	0.3436+0.4179i	−0.1574−0.5955i	0.0940+1.8025i	−0.3070−0.5429i	−0.2943−0.5963i	0.0350−1.2424i	−0.2579−3.8281i
32.5	0.3820+0.3823i	−0.2340−0.5511i	0.2216+1.8378i	−0.3694−0.4700i	−0.3664−0.5349i	−0.0610−1.2601i	−0.6098−3.7686i
32.6	0.4070+0.3536i	−0.2950−0.5211i	0.3620+1.8553i	−0.4265−0.4158i	−0.4100−0.4887i	−0.1625−1.2775i	−0.8054−3.7318i
32.7	0.4231+0.3179i	−0.3059−0.4806i	0.5205+1.9016i	−0.4129−0.3580i	−0.4186−0.4297i	−0.2754−1.3119i	−0.9414−3.6862i
32.8	0.3984+0.2458i	−0.3043−0.4142i	0.6944+1.8144i	−0.3906−0.2969i	−0.4065−0.3469i	−0.3913−1.2501i	−1.2036−3.4579i
32.9	0.4163+0.2403i	−0.3209−0.4097i	0.8340+1.7429i	−0.3710−0.2712i	−0.4098−0.3387i	−0.4759−1.2054i	−1.4051−3.3116i
33.0	0.4444+0.1347i	−0.3651−0.3109i	0.9370+1.5860i	−0.3746−0.2316i	−0.4458−0.2368i	−0.5445−1.1135i	−1.5606−3.0666i
33.1	0.4430+0.0600i	−0.3867−0.2523i	1.0344+1.5067i	−0.3639−0.2276i	−0.4520−0.1717i	−0.6052−1.0729i	−1.6541−2.9585i
33.2	0.4037+0.0571i	−0.3597−0.2660i	1.0481+1.4725i	−0.3351−0.2576i	−0.4104−0.1878i	−0.6120−1.0599i	−1.5193−2.8160i
33.3	0.3762+0.0389i	−0.3278−0.2409i	1.0600+1.4587i	−0.3256−0.2635i	−0.3817−0.1679i	−0.6427−1.0732i	−1.4706−2.8087i
33.4	0.3625+0.0074i	−0.3329−0.2168i	1.1252+1.4084i	−0.3421−0.2660i	−0.3854−0.1462i	−0.7059−1.0447i	−1.5427−2.7418i
33.5	0.3217−0.0165i	−0.3475−0.1864i	1.1533+1.2879i	−0.3672−0.2787i	−0.3750−0.1228i	−0.7267−0.9540i	−1.5315−2.6095i
33.6	0.2548−0.0237i	−0.2984−0.1652i	1.0842+1.2190i	−0.3756−0.2678i	−0.3209−0.1136i	−0.6806−0.9001i	−1.3792−2.4813i
33.7	0.1977−0.0590i	−0.2965−0.1387i	1.0681+1.0676i	−0.4167−0.2667i	−0.3201−0.0878i	−0.6676−0.7935i	−1.2992−2.3292i
33.8	0.1341−0.0935i	−0.2769−0.1119i	1.0119+0.9772i	−0.4576−0.2766i	−0.3017−0.0668i	−0.6279−0.7287i	−1.1479−2.3053i
33.9	0.0727−0.0626i	−0.2669−0.1102i	0.9670+0.9599i	−0.5013−0.2625i	−0.2815−0.0717i	−0.5961−0.7303i	−1.0650−2.3927i
34.0	−0.0213−0.0207i	−0.1947−0.1128i	0.8346+0.9488i	−0.5146−0.2089i	−0.2045−0.0767i	−0.5135−0.7276i	−0.9954−2.4544i
34.1	−0.0734+0.0067i	−0.1714−0.1237i	0.7672+0.9296i	−0.5346−0.1862i	−0.1769−0.0969i	−0.4694−0.7135i	−0.9915−2.4434i
34.2	−0.0736+0.1064i	−0.1660−0.1534i	0.6997+0.9662i	−0.5094−0.1257i	−0.1704−0.1281i	−0.4439−0.7367i	−1.0232−2.4586i
34.3	−0.0826+0.1808i	−0.1703−0.1734i	0.6664+1.0277i	−0.4957−0.0849i	−0.1727−0.1429i	−0.4308−0.7723i	−0.9582−2.4008i
34.4	−0.0952+0.2202i	−0.1662−0.1924i	0.6143+1.1203i	−0.4948−0.0855i	−0.1721−0.1585i	−0.3911−0.8244i	−0.8268−2.3831i
34.5	−0.0673+0.2709i	−0.1823−0.2070i	0.5980+1.1891i	−0.4845−0.0729i	−0.1825−0.1955i	−0.3737−0.8561i	−0.7926−2.4114i
34.6	−0.0583+0.3240i	−0.1998−0.2196i	0.5777+1.2764i	−0.4796−0.0454i	−0.1999−0.2117i	−0.3537−0.9072i	−0.6994−2.4977i
34.7	−0.0450+0.3867i	−0.2101−0.2327i	0.5606+1.3926i	−0.4825−0.0306i	−0.2077−0.2258i	−0.3395−0.9809i	−0.5574−2.6109i
34.8	0.0057+0.4340i	−0.2155−0.2483i	0.6068+1.4773i	−0.4572−0.0176i	−0.2207−0.2500i	−0.3653−1.0465i	−0.5041−2.6844i
34.9	0.0349+0.4735i	−0.2241−0.2404i	0.6653+1.5899i	−0.4483−0.0009i	−0.2411−0.2512i	−0.3855−1.1149i	−0.5235−2.7721i
35.0	0.0696+0.4991i	−0.2482−0.2499i	0.7410+1.6837i	−0.4535+0.0165i	−0.2597−0.2652i	−0.4366−1.1843i	−0.4993−2.9527i
35.1	0.1388+0.5602i	−0.2791−0.2756i	0.8980+1.8589i	−0.4575+0.0448i	−0.2939−0.2954i	−0.5418−1.3327i	−0.6159−3.2458i
35.2	0.2308+0.5720i	−0.3058−0.2682i	1.0841+1.9172i	−0.4289+0.0331i	−0.3346−0.2877i	−0.6598−1.3745i	−0.7513−3.4462i
35.3	0.3049+0.5725i	−0.3218−0.2744i	1.2645+1.9427i	−0.4184+0.0232i	−0.3589−0.2922i	−0.7732−1.3854i	−0.8561−3.5287i
35.4	0.3511+0.5569i	−0.3416−0.2646i	1.4605+1.8906i	−0.4261+0.0382i	−0.3805−0.2904i	−0.8977−1.3488i	−1.1176−3.5216i
35.5	0.4085+0.5508i	−0.3634−0.2528i	1.6098+1.8203i	−0.4047+0.0417i	−0.4069−0.2742i	−0.9995−1.3142i	−1.3637−3.5593i
35.6	0.4239+0.5241i	−0.3891−0.2491i	1.7026+1.7010i	−0.4106+0.0525i	−0.4359−0.2589i	−1.0686−1.2412i	−1.4910−3.5289i
35.7	0.4876+0.4462i	−0.4057−0.2308i	1.7969+1.5284i	−0.3998+0.0411i	−0.4534−0.2309i	−1.1213−1.1289i	−1.5976−3.4000i
35.8	0.5099+0.4060i	−0.4280−0.2077i	1.8389+1.4059i	−0.4090+0.0454i	−0.4756−0.2061i	−1.1562−1.0667i	−1.6965−3.2507i
35.9	0.5084+0.4300i	−0.4467−0.1858i	1.8398+1.2521i	−0.4213+0.0957i	−0.4917−0.1726i	−1.1428−0.9720i	−1.7255−3.1294i
36.0	0.5223+0.4164i	−0.4477−0.1745i	1.8534+1.1726i	−0.4235+0.1066i	−0.4890−0.1662i	−1.1679−0.9355i	−1.7981−3.0421i
36.1	0.4942+0.3713i	−0.4333−0.1497i	1.8564+1.0512i	−0.4311+0.1052i	−0.4832−0.1430i	−1.1779−0.8520i	−1.8718−2.9592i
36.2	0.5063+0.3776i	−0.4370−0.1216i	1.7775+0.9466i	−0.4111+0.1519i	−0.4729−0.1105i	−1.1270−0.7889i	−1.6897−2.8391i
36.3	0.5332+0.3722i	−0.4360−0.1152i	1.6977+0.9128i	−0.3908+0.1518i	−0.4637−0.1143i	−1.0762−0.7635i	−1.5417−2.8352i
36.4	0.5273+0.3673i	−0.4279−0.0979i	1.6340+0.8117i	−0.3947+0.1811i	−0.4512−0.0997i	−1.0499−0.7092i	−1.4452−2.7805i
36.5	0.5313+0.3389i	−0.4199−0.0647i	1.5906+0.7776i	−0.3744+0.1965i	−0.4400−0.0706i	−1.0371−0.7031i	−1.4078−2.7570i
36.6	0.5772+0.3387i	−0.4110−0.0720i	1.5215+0.7926i	−0.3346+0.1954i	−0.4305−0.0822i	−1.0190−0.7324i	−1.3292−2.9625i
36.7	0.6504+0.3282i	−0.4186−0.0787i	1.4854+0.8342i	−0.2683+0.1744i	−0.4393−0.0861i	−1.0232−0.7642i	−1.4144−3.1570i
36.8	0.6490+0.3054i	−0.3944−0.0879i	1.4827+0.8509i	−0.2451+0.1454i	−0.4222−0.1066i	−1.0241−0.7572i	−1.4660−3.2760i
36.9	0.6437+0.2424i	−0.4151−0.0909i	1.4642+0.8501i	−0.2691+0.1046i	−0.4469−0.1135i	−1.0254−0.7373i	−1.5745−3.3195i
37.0	0.6505+0.1887i	−0.4204−0.0799i	1.4190+0.8892i	−0.2662+0.0771i	−0.4547−0.0984i	−1.0078−0.7378i	−1.7075−3.3400i
37.1	0.6763+0.1570i	−0.4197−0.0758i	1.4234+0.8985i	−0.2641+0.0506i	−0.4672−0.1036i	−1.0028−0.7258i	−1.9284−3.3485i

37.2	0.6761+0.1679i	-0.4349-0.0849i	1.4261+0.9478i	-0.2731+0.0410i	-0.4951-0.1257i	-0.9897-0.7520i	-2.0572-3.2917i
37.3	0.6381+0.1385i	-0.4371-0.0671i	1.4112+0.9670i	-0.2887+0.0481i	-0.4949-0.1012i	-0.9706-0.7681i	-2.0606-3.2641i
37.4	0.6118+0.1347i	-0.4424-0.0632i	1.3905+0.9739i	-0.3167+0.0441i	-0.5022-0.0845i	-0.9448-0.7712i	-2.0672-3.1012i
37.5	0.6068+0.0831i	-0.4681-0.0569i	1.3939+0.9882i	-0.3600+0.0228i	-0.5405-0.0697i	-0.9329-0.7734i	-2.1827-2.9498i
37.6	0.6236+0.0924i	-0.4880-0.0492i	1.3901+1.0192i	-0.3716+0.0534i	-0.5525-0.0585i	-0.9253-0.8127i	-2.0956-2.9794i
37.7	0.6358+0.0923i	-0.4883-0.0428i	1.3563+1.0541i	-0.3570+0.0559i	-0.5550-0.0543i	-0.9047-0.8482i	-2.0269-2.8878i
37.8	0.6240+0.0873i	-0.4958-0.0498i	1.3805+1.0725i	-0.3748+0.0567i	-0.5649-0.0537i	-0.9199-0.8720i	-2.0754-2.7767i
37.9	0.6003+0.0686i	-0.5073-0.0420i	1.3943+1.1124i	-0.4051+0.0581i	-0.5687-0.0407i	-0.9414-0.9133i	-2.0521-2.7925i
38.0	0.6239+0.0729i	-0.5087-0.0270i	1.3561+1.1630i	-0.3762+0.0726i	-0.5579-0.0346i	-0.9313-0.9472i	-1.9020-2.8168i
38.1	0.6467+0.0692i	-0.5149-0.0315i	1.3253+1.2046i	-0.3607+0.0793i	-0.5698-0.0458i	-0.9045-0.9392i	-1.9588-2.8733i
38.2	0.5856+0.0955i	-0.5400-0.0120i	1.3407+1.3004i	-0.4391+0.1229i	-0.5943-0.0222i	-0.8819-1.0005i	-1.9350-2.8262i
38.3	0.5721+0.1193i	-0.5421+0.0381i	1.3721+1.3566i	-0.4371+0.1911i	-0.5884+0.0274i	-0.9091-1.0517i	-1.9300-2.8193i
38.4	0.5830+0.1536i	-0.5293+0.0371i	1.4595+1.3894i	-0.4042+0.2242i	-0.5784+0.0269i	-0.9734-1.1065i	-2.0665-2.8597i
38.5	0.5538+0.1508i	-0.5145+0.0547i	1.5917+1.4400i	-0.4188+0.2802i	-0.5680+0.0500i	-1.0596-1.1331i	-2.1480-2.8818i
38.6	0.5962+0.1202i	-0.5097+0.0861i	1.6723+1.5413i	-0.3807+0.2937i	-0.5573+0.0835i	-1.1119-1.1976i	-2.1808-2.8902i
38.7	0.6035+0.1315i	-0.4842+0.0823i	1.7096+1.5538i	-0.3321+0.2867i	-0.5382+0.0727i	-1.1688-1.2105i	-2.2205-2.8966i
38.8	0.6448+0.1470i	-0.4809+0.0795i	1.7913+1.6270i	-0.3003+0.3055i	-0.5350+0.0736i	-1.2339-1.2912i	-2.2059-2.9246i
38.9	0.6999+0.1778i	-0.4797+0.0874i	1.8240+1.6773i	-0.2594+0.3283i	-0.5449+0.0830i	-1.2614-1.3354i	-2.2100-2.8751i
39.0	0.7173+0.1316i	-0.4684+0.1060i	2.0468+1.6685i	-0.2124+0.3229i	-0.5261+0.1018i	-1.4479-1.3337i	-2.3220-2.7679i
39.1	0.7163+0.0953i	-0.4614+0.1137i	2.2482+1.6099i	-0.1811+0.3196i	-0.5053+0.1025i	-1.6080-1.2770i	-2.4591-2.6665i
39.2	0.7349+0.0855i	-0.4342+0.0910i	2.3007+1.5831i	-0.1218+0.2825i	-0.4867+0.0817i	-1.6485-1.2340i	-2.4447-2.6132i
39.3	0.7238+0.0654i	-0.4396+0.0701i	2.3556+1.4907i	-0.1397+0.2265i	-0.4888+0.0603i	-1.6984-1.1764i	-2.4485-2.5684i
39.4	0.7303+0.0387i	-0.4455+0.0678i	2.4492+1.4580i	-0.1463+0.1884i	-0.4908+0.0557i	-1.7547-1.1304i	-2.4128-2.4769i
39.5	0.7620+0.0301i	-0.4465+0.0413i	2.5338+1.3294i	-0.1119+0.1548i	-0.4924+0.0308i	-1.7917-1.0239i	-2.3793-2.3545i
39.6	0.7916+0.0179i	-0.4724+0.0302i	2.5492+1.2518i	-0.0970+0.1471i	-0.5167+0.0197i	-1.7644-0.9399i	-2.3522-2.3076i
39.7	0.7675+0.0027i	-0.5247+0.0393i	2.5676+1.0340i	-0.1346+0.1408i	-0.5769+0.0258i	-1.7731-0.8290i	-2.3560-2.3158i
39.8	0.7620-0.0522i	-0.4920+0.1172i	2.4590+0.9334i	-0.1128+0.1264i	-0.5474+0.1101i	-1.7322-0.8244i	-2.3641-2.4169i
39.9	0.7240-0.0502i	-0.4057+0.0889i	2.4033+1.0596i	-0.0897+0.1012i	-0.4550+0.0855i	-1.7577-0.8876i	-2.4260-2.3238i
40.0	0.6906-0.0964i	-0.3963+0.0479i	2.5239+1.0998i	-0.1007+0.0246i	-0.4509+0.0458i	-1.8355-0.9066i	-2.3502-2.2623i
40.1	0.7419-0.1134i	-0.4237+0.0521i	2.5608+1.0809i	-0.0795-0.0095i	-0.4827+0.0387i	-1.8374-0.8870i	-2.3061-2.2148i
40.2	0.7472-0.0967i	-0.4606+0.0396i	2.6014+1.0548i	-0.1099-0.0119i	-0.5113+0.0195i	-1.8771-0.8889i	-2.2334-2.1406i
40.3	0.7859-0.1289i	-0.4971+0.0203i	2.6893+1.0496i	-0.1385-0.0732i	-0.5443+0.0013i	-1.9034-0.8829i	-2.2014-2.1704i
40.4	0.7615-0.1628i	-0.4789+0.0350i	2.7165+0.9681i	-0.1629-0.0855i	-0.5335+0.0167i	-1.9209-0.7973i	-2.1710-2.1291i
40.5	0.7481-0.1126i	-0.5045+0.0342i	2.7902+0.9053i	-0.2009-0.0223i	-0.5573+0.0117i	-1.9816-0.7446i	-2.1240-1.9849i
40.6	0.7660-0.1336i	-0.5283+0.0089i	2.8852+0.8269i	-0.2174-0.0687i	-0.5800-0.0124i	-2.0349-0.7085i	-2.1028-2.0617i
40.7	0.7136-0.1635i	-0.5311+0.0011i	2.8310+0.7354i	-0.2666-0.1207i	-0.5778-0.0303i	-1.9918-0.6504i	-2.0738-2.1135i
40.8	0.7570-0.1447i	-0.5547+0.0249i	2.7929+0.6940i	-0.2644-0.0815i	-0.6103-0.0161i	-1.9765-0.5998i	-2.0438-2.0411i
40.9	0.7329-0.2090i	-0.5553+0.0083i	2.8551+0.6857i	-0.3128-0.1538i	-0.6264-0.0298i	-2.0298-0.6012i	-2.0818-2.0253i
41.0	0.7158-0.2167i	-0.5658+0.0144i	2.8984+0.6497i	-0.3465-0.1472i	-0.6350-0.0168i	-2.0825-0.6012i	-2.0136-2.0295i
41.1	0.6553-0.1906i	-0.5645+0.0188i	2.7707+0.5462i	-0.3988-0.1133i	-0.6330-0.0111i	-2.0149-0.5070i	-1.9247-1.8957i
41.2	0.6607-0.2427i	-0.5962+0.0535i	2.8341+0.4749i	-0.4346-0.1157i	-0.6611+0.0213i	-2.0800-0.4491i	-2.0037-1.9196i
41.3	0.7075-0.2256i	-0.5867+0.0699i	2.8412+0.4799i	-0.4043-0.0681i	-0.6573+0.0371i	-2.0864-0.4672i	-1.9258-2.0031i
41.4	0.6828-0.2395i	-0.6223+0.0687i	2.8601+0.4513i	-0.4572-0.0640i	-0.6885+0.0332i	-2.1165-0.4687i	-1.8849-2.0346i
41.5	0.6739-0.2385i	-0.6295+0.0518i	2.8191+0.4540i	-0.4420-0.0966i	-0.7033+0.0244i	-2.0822-0.4735i	-1.8886-1.9655i
41.6	0.6435-0.2207i	-0.6215+0.0716i	2.8131+0.3734i	-0.4641-0.0828i	-0.7009+0.0439i	-2.0763-0.3940i	-1.8761-1.8996i
41.7	0.6305-0.2042i	-0.6788+0.0740i	2.9224+0.4269i	-0.5603-0.0681i	-0.7660+0.0296i	-2.1498-0.4219i	-1.7699-1.9651i
41.8	0.6400-0.1981i	-0.6992+0.0624i	2.9319+0.4223i	-0.5836-0.0674i	-0.7885+0.0115i	-2.1873-0.4247i	-1.7551-1.9200i
41.9	0.6619-0.2024i	-0.6933+0.0796i	2.8991+0.3477i	-0.5812-0.0395i	-0.7844+0.0327i	-2.1583-0.3586i	-1.7855-1.9073i
42.0	0.6407-0.2038i	-0.7132+0.0962i	2.8549+0.3385i	-0.6024-0.0128i	-0.8109+0.0586i	-2.1479-0.2980i	-1.6883-1.9190i
42.1	0.6689-0.1775i	-0.7371+0.1188i	2.8907+0.2916i	-0.5861+0.0198i	-0.8422+0.0928i	-2.1682-0.2223i	-1.6885-1.9660i
42.2	0.7209-0.1934i	-0.7879+0.1306i	2.9422+0.2590i	-0.6156+0.0140i	-0.8923+0.1041i	-2.2086-0.2576i	-1.6007-1.9730i
42.3	0.7316-0.1600i	-0.7695+0.2109i	2.8418+0.2123i	-0.6124+0.0953i	-0.8759+0.1727i	-2.1057-0.1837i	-1.5571-2.0034i
42.4	0.6903-0.1649i	-0.6982+0.2005i	2.8648+0.2028i	-0.6469+0.0964i	-0.8044+0.1773i	-2.1023-0.1440i	-1.5113-1.9110i
42.5	0.7538-0.2088i	-0.7197+0.1865i	2.8644+0.1734i	-0.6740+0.1326i	-0.8369+0.1676i	-2.1350-0.1316i	-1.4313-1.9367i
42.6	0.7803-0.2258i	-0.7582+0.1679i	2.7681+0.2917i	-0.6342+0.2089i	-0.8842+0.1443i	-2.0588-0.2104i	-1.4272-2.1397i
42.7	0.7325-0.2082i	-0.8060+0.1437i	2.8469+0.4385i	-0.6097+0.1800i	-0.9157+0.1262i	-2.0816-0.3426i	-1.5024-2.0699i
42.8	0.6895-0.1587i	-0.8454+0.0918i	3.0699+0.4559i	-0.6564+0.1132i	-0.9527+0.0688i	-2.2908-0.3592i	-1.4654-1.9281i
42.9	0.6886-0.1512i	-0.8853+0.1838i	3.0606+0.2804i	-0.6770+0.1662i	-1.0130+0.1537i	-2.3186-0.2047i	-1.3434-1.9358i
43.0	0.7053-0.1704i	-0.9006+0.3031i	2.9342+0.3401i	-0.6705+0.1923i	-1.0229+0.2769i	-2.2087-0.2109i	-1.3088-1.9837i
43.1	0.7689-0.1462i	-0.8714+0.3166i	3.0066+0.4768i	-0.6678+0.1880i	-0.9938+0.2939i	-2.2095-0.2439i	-1.3090-1.9929i
43.2	0.8294-0.1525i	-0.8218+0.3453i	3.1016+0.4637i	-0.6409+0.2363i	-0.9417+0.3182i	-2.2161-0.1776i	-1.2555-2.0425i
43.3	0.8423-0.1783i	-0.7450+0.3279i	3.2398+0.4531i	-0.5724+0.2138i	-0.8698+0.2944i	-2.2473-0.2051i	-1.3461-2.0200i
43.4	0.8684-0.1497i	-0.7762+0.2187i	3.4117+0.3750i	-0.5972+0.1545i	-0.9064+0.1942i	-2.3279-0.2095i	-1.2875-1.8939i

43.5	0.9057-0.1687i	-0.8747+0.2275i	3.5801+0.2636i	-0.7148+0.1863i	-1.0256+0.2037i	-2.5008-0.1372i	-1.0547-1.8201i
43.6	0.9229-0.2322i	-0.8930+0.3118i	3.5727+0.0179i	-0.7326+0.2380i	-1.0513+0.2876i	-2.5019+0.0646i	-0.9349-1.9506i
43.7	0.9197-0.3019i	-0.8833+0.3645i	3.3654-0.0239i	-0.6858+0.2686i	-1.0272+0.3396i	-2.3101+0.0917i	-0.9380-2.0716i
43.8	0.8536-0.3176i	-0.7727+0.3679i	3.3721+0.2806i	-0.6104+0.2298i	-0.9171+0.3506i	-2.2476-0.1670i	-1.1160-2.1393i
43.9	0.9653-0.2681i	-0.8779+0.2823i	3.9736+0.2226i	-0.7145+0.1712i	-1.0484+0.2553i	-2.6904-0.1703i	-0.9540-1.9589i
44.0	1.0603-0.2783i	-0.9771+0.3063i	4.1704-0.1548i	-0.7982+0.2431i	-1.1572+0.2902i	-2.8607+0.0689i	-0.7503-1.9943i
44.1	1.0838-0.3286i	-1.0390+0.3629i	4.2127-0.4910i	-0.8715+0.3255i	-1.2275+0.3643i	-2.9493+0.3107i	-0.5392-2.1405i
44.2	1.1243-0.4473i	-1.0511+0.4691i	4.1351-0.9760i	-0.8528+0.4185i	-1.2487+0.4888i	-2.8716+0.6690i	-0.4854-2.3039i
44.3	1.0400-0.6438i	-1.0469+0.6257i	3.5588-1.3540i	-0.9015+0.5249i	-1.2287+0.6719i	-2.5453+0.8896i	-0.3334-2.5187i
44.4	0.8647-0.6485i	-0.8924+0.7117i	3.0021-1.2162i	-0.8052+0.6965i	-1.0648+0.7691i	-2.1909+0.9718i	-0.4400-2.8167i
44.5	0.6994-0.4736i	-0.6473+0.5809i	2.6644-0.4535i	-0.5110+0.6401i	-0.7984+0.6135i	-1.7421+0.4792i	-0.9813-2.7852i
44.6	0.7619-0.3753i	-0.7249+0.4313i	3.1358-0.2073i	-0.5496+0.5008i	-0.8743+0.4539i	-2.0046+0.2201i	-0.9605-2.5577i
44.7	0.8798-0.4508i	-0.8384+0.4009i	3.1774-0.4154i	-0.5774+0.4923i	-1.0015+0.4373i	-2.0689+0.3020i	-0.8237-2.6187i
44.8	0.8170-0.3910i	-0.9083+0.3660i	3.2122-0.1666i	-0.5358+0.4567i	-1.0617+0.4010i	-2.0572+0.1533i	-0.8348-2.5738i
44.9	0.8807-0.3218i	-0.9070+0.4240i	3.4342-0.1867i	-0.5777+0.4344i	-1.0723+0.4640i	-2.1578+0.1511i	-0.7843-2.4820i
45.0	0.9457-0.2193i	-0.9593+0.2885i	3.6241-0.0328i	-0.5732+0.3924i	-1.1232+0.3129i	-2.2177+0.0491i	-0.8333-2.3521i
45.1	1.1353-0.2663i	-1.2174+0.4657i	4.0075-0.3007i	-0.6585+0.4288i	-1.3935+0.4980i	-2.4181+0.1935i	-0.4996-2.3802i
45.2	1.1701-0.4755i	-1.0787+0.7817i	3.9625-0.5865i	-0.6414+0.4597i	-1.2599+0.8301i	-2.3500+0.2195i	-0.3949-2.6448i
45.3	1.1514-0.4880i	-0.8960+0.7313i	4.0729-0.5798i	-0.6492+0.4401i	-1.0872+0.7782i	-2.4744+0.1252i	-0.4926-2.6846i
45.4	1.2230-0.6066i	-0.9265+0.6154i	4.1676-0.9766i	-0.6950+0.4633i	-1.1358+0.6965i	-2.5807+0.2728i	-0.3613-2.7327i
45.5	1.1439-0.6841i	-0.9765+0.6151i	4.0153-1.1657i	-0.7078+0.4876i	-1.1734+0.7062i	-2.6368+0.2927i	-0.3262-2.8650i
45.6	1.0791-0.5626i	-1.0511+0.5852i	4.0626-1.1447i	-0.8210+0.5083i	-1.2252+0.6448i	-2.9150+0.3870i	-0.3410-2.8266i
45.7	1.2680-0.5967i	-1.2036+0.6938i	4.3190-1.5340i	-0.9297+0.6711i	-1.4024+0.7497i	-2.9996+0.8993i	0.0195-2.8023i
45.8	1.2382-0.9039i	-1.1422+0.9507i	3.8128-2.0866i	-0.8024+0.9087i	-1.3377+1.0595i	-2.5247+1.2001i	0.1309-3.3767i
45.9	0.9557-0.9328i	-0.9175+0.9311i	2.9544-1.6358i	-0.4895+0.8492i	-1.0566+1.0509i	-1.9932+0.7561i	-0.2931-3.6966i
46.0	0.9991-0.7387i	-0.9752+0.8783i	3.4387-1.3102i	-0.6139+0.7154i	-1.1214+0.9691i	-2.4415+0.5587i	-0.3266-3.4101i
46.1	1.1009-0.7561i	-1.0041+0.9087i	3.7729-1.6170i	-0.7703+0.7690i	-1.1839+0.9903i	-2.7292+0.8395i	-0.2303-3.3366i
46.2	1.1248-0.9462i	-0.9949+0.9208i	3.4883-1.8818i	-0.6522+0.8782i	-1.1849+1.0336i	-2.4568+1.0708i	-0.1178-3.6003i
46.3	1.0253-1.0383i	-1.0860+0.9866i	3.3241-1.8887i	-0.5653+0.9038i	-1.2522+1.1210i	-2.3729+1.0586i	-0.1711-3.8674i
46.4	0.9704-1.1902i	-1.0533+1.2799i	3.0158-2.3501i	-0.4719+1.0990i	-1.2144+1.4500i	-2.1665+1.4632i	-0.1146-4.2498i
46.5	0.6599-1.1593i	-0.8525+1.3853i	2.3238-1.9564i	-0.1510+1.0391i	-0.9601+1.5647i	-1.5567+1.1703i	-0.6666-4.5940i
46.6	0.6155-0.9255i	-0.6227+1.3736i	2.4044-1.4163i	-0.1642+0.8042i	-0.7220+1.5029i	-1.6115+0.7404i	-0.9882-4.1858i
46.7	0.7133-0.8017i	-0.3160+1.1518i	2.6036-1.0026i	-0.1943+0.6610i	-0.4284+1.2478i	-1.7542+0.4292i	-1.0293-3.9015i
46.8	0.8420-0.8172i	-0.3495+0.8624i	3.0716-0.9877i	-0.2524+0.5519i	-0.4856+0.9505i	-2.0361+0.3075i	-0.9360-3.7656i
46.9	0.8950-0.9309i	-0.5498+0.7285i	3.3376-1.3099i	-0.3925+0.5255i	-0.7056+0.8284i	-2.2684+0.3976i	-0.7724-3.7032i
47.0	0.8056-1.0064i	-0.7722+0.9295i	2.9927-1.7805i	-0.4521+0.7228i	-0.9028+1.0499i	-2.2875+0.8927i	-0.6094-3.9974i
47.1	0.6780-0.9400i	-0.5985+1.1092i	2.2962-1.4355i	-0.2023+0.7613i	-0.6965+1.2272i	-1.7495+0.8317i	-0.8458-4.1910i
47.2	0.6145-0.7371i	-0.3048+0.9679i	2.3458-0.4342i	-0.0309+0.5274i	-0.3827+1.0426i	-1.6005+0.1456i	-1.2553-3.9394i
47.3	0.8112-0.6185i	-0.4218+0.6245i	3.5259-0.0592i	-0.2621+0.2961i	-0.5330+0.6605i	-2.3256-0.2825i	-1.1317-3.5228i
47.4	1.0037-0.7001i	-0.7510+0.5094i	4.3996-0.6323i	-0.5640+0.2872i	-0.9190+0.5574i	-3.0113-0.0478i	-0.8157-3.5517i
47.5	1.1585-0.8177i	-1.1034+0.6954i	4.7943-1.5366i	-0.7626+0.4483i	-1.2992+0.7721i	-3.4084+0.5759i	-0.4902-3.5803i
47.6	1.3054-1.1543i	-1.2819+1.1296i	4.7828-2.9766i	-0.8269+0.7417i	-1.5058+1.2587i	-3.4181+1.5376i	-0.1749-3.9160i
47.7	0.9312-1.4982i	-0.8667+1.5393i	3.0268-3.6122i	-0.5406+0.9599i	-1.0423+1.7267i	-2.3016+1.9358i	-0.5337-4.4232i
47.8	0.5002-1.3925i	-0.4133+1.4475i	1.8394-2.7163i	-0.3454+0.8686i	-0.5284+1.6224i	-1.6334+1.3837i	-1.0375-4.4212i
47.9	0.3146-1.0382i	-0.2476+1.0558i	1.7027-1.4147i	-0.3123+0.6364i	-0.3339+1.1747i	-1.6527+0.5894i	-1.3648-4.0832i
48.0	0.5625-0.8551i	-0.5233+0.9635i	2.4894-1.2100i	-0.4627+0.6133i	-0.6424+1.0718i	-2.2163+0.6192i	-1.1017-3.7861i
48.1	0.5670-0.8398i	-0.3321+1.0657i	2.4328-0.9512i	-0.3944+0.6470i	-0.4452+1.1831i	-2.0254+0.5181i	-1.0343-3.9592i
48.2	0.8083-0.8723i	-0.3706+0.8884i	3.5098-1.3073i	-0.6286+0.7332i	-0.5181+1.0054i	-2.7384+0.7626i	-0.7676-3.7701i
48.3	0.7216-1.0355i	-0.3376+0.8516i	3.1898-1.8281i	-0.5342+0.8617i	-0.4703+0.9962i	-2.4942+1.1253i	-0.7446-3.9943i
48.4	0.4109-0.9433i	-0.3195+0.5885i	2.2674-1.5453i	-0.2710+0.8198i	-0.4059+0.7325i	-1.8315+0.9436i	-1.0807-4.2487i
48.5	0.4834-0.6672i	-0.5583+0.4821i	2.4331-0.8287i	-0.2042+0.6642i	-0.6342+0.5817i	-1.8831+0.4899i	-1.2192-4.0058i
48.6	0.6706-0.6408i	-0.6705+0.6684i	2.7858-0.8052i	-0.2554+0.6212i	-0.7704+0.7569i	-2.0537+0.5077i	-1.0105-3.9172i
48.7	0.7673-0.6472i	-0.7019+0.6231i	3.1664-0.5893i	-0.3097+0.5059i	-0.8334+0.7013i	-2.1718+0.2789i	-0.9254-3.8590i
48.8	0.8153-0.8487i	-0.8638+0.8116i	3.3304-1.2915i	-0.4186+0.5221i	-1.0166+0.9331i	-2.2730+0.4412i	-0.7934-3.9549i
48.9	0.6121-0.7670i	-0.6797+0.8858i	2.8162-1.0821i	-0.3761+0.5526i	-0.7937+1.0033i	-2.1582+0.2339i	-0.9102-4.0792i
49.0	0.7729-0.3386i	-0.6523+0.5884i	3.3850-0.1688i	-0.4733+0.4508i	-0.7665+0.6553i	-2.6971-0.2008i	-1.1467-3.8033i
49.1	1.0077-0.4260i	-0.7590+0.5971i	3.9205-0.3372i	-0.5484+0.4599i	-0.9099+0.6667i	-2.9974-0.0259i	-0.9554-3.5542i
49.2	1.1786-0.5060i	-0.9176+0.5689i	4.4678-0.6447i	-0.6682+0.4778i	-1.0902+0.6437i	-3.3637+0.1516i	-0.6528-3.5002i
49.3	1.2915-0.6629i	-1.1165+0.6942i	4.6678-1.3357i	-0.7635+0.5921i	-1.3083+0.7874i	-3.5107+0.5792i	-0.2726-3.5529i
49.4	1.3176-0.9353i	-1.1387+1.0399i	4.2005-2.1594i	-0.6853+0.8060i	-1.3274+1.1759i	-3.2689+1.1691i	0.0715-3.9294i
49.5	1.2091-0.8662i	-0.8015+0.9407i	3.6123-1.7325i	-0.5324+0.7962i	-0.9590+1.0766i	-2.8638+0.8922i	-0.1654-4.2799i
49.6	1.1934-0.8479i	-0.8553+0.6931i	3.6959-1.5433i	-0.5707+0.7938i	-1.0087+0.8539i	-2.9284+0.7437i	-0.3284-4.2192i
49.7	1.1898-0.8490i	-1.1111+0.6583i	3.8391-1.3440i	-0.5790+0.7133i	-1.2441+0.8208i	-3.1292+0.6118i	-0.3699-4.1595i

49.8	1.2089-0.9007i	-1.2107+0.8462i	3.7877-1.3835i	-0.5315+0.7128i	-1.3449+0.9782i	-3.1614+0.7300i	-0.2534-4.0998i
49.9	1.2646-0.9228i	-1.1686+1.1005i	3.5991-1.2671i	-0.4091+0.7197i	-1.2964+1.2132i	-2.9762+0.7898i	-0.0960-4.2952i
50.0	1.3866-0.7400i	-0.9915+0.8884i	4.2647-0.4549i	-0.4742+0.5169i	-1.1432+0.9621i	-3.2949+0.2036i	-0.1617-4.1243i
50.1	1.7806-0.8338i	-1.3277+0.8360i	5.4669-1.1012i	-0.7902+0.6029i	-1.5411+0.9313i	-4.1494+0.5528i	0.2944-3.9108i
50.2	1.7569-1.3551i	-1.3597+1.3153i	4.9868-2.7293i	-0.8095+1.0406i	-1.5765+1.4871i	-3.8630+1.6670i	0.7551-4.6089i
50.3	1.3437-1.6306i	-0.9870+1.4240i	3.5795-2.7396i	-0.4673+1.0424i	-1.1429+1.6374i	-2.9471+1.6554i	0.3837-5.2365i
50.4	0.9582-1.3256i	-0.7143+1.0581i	2.9662-1.1586i	-0.1694+0.7024i	-0.7946+1.2314i	-2.6238+0.6332i	-0.1714-5.2296i
50.5	1.1467-0.9450i	-0.9413+0.7903i	3.9413-0.3020i	-0.3510+0.5118i	-1.0212+0.9064i	-3.3705+0.1441i	-0.2692-4.8804i
50.6	1.4221-0.9083i	-1.1573+0.7385i	4.8027-0.3953i	-0.5326+0.4552i	-1.2757+0.8229i	-3.8953+0.2841i	-0.0342-4.6279i
50.7	1.5303-1.0125i	-1.2917+0.7797i	5.1350-0.6972i	-0.6461+0.4936i	-1.4418+0.8472i	-4.1281+0.6038i	0.2698-4.7814i
50.8	1.6721-1.0766i	-1.4810+0.8140i	5.4958-0.6613i	-0.5868+0.4636i	-1.6498+0.8765i	-4.2924+0.6547i	0.3072-5.0698i
50.9	1.8157-1.0870i	-1.6642+0.9336i	5.9980-0.7921i	-0.6034+0.4386i	-1.8350+1.0226i	-4.4806+0.7573i	0.3584-5.0404i
51.0	1.8983-1.0727i	-1.6136+0.9622i	6.3221-0.6119i	-0.6459+0.2364i	-1.7884+1.0291i	-4.5331+0.5490i	0.2975-5.0590i
51.1	2.2231-1.1042i	-1.9074+0.8685i	7.6136-0.9144i	-0.9848+0.1551i	-2.1369+0.9181i	-5.3971+0.5958i	0.5791-4.8272i
51.2	2.1954-1.7542i	-1.9636+1.6256i	6.9208-3.0441i	-1.0367+0.6122i	-2.2012+1.7712i	-5.0785+1.9341i	1.0204-5.4013i
51.3	1.8220-1.7099i	-1.5425+1.5766i	6.0473-2.3051i	-0.8952+0.4882i	-1.7382+1.7095i	-4.5554+1.4792i	0.7502-5.5650i
51.4	2.1381-1.6281i	-1.8270+1.4136i	7.3708-2.2748i	-1.1539+0.4239i	-2.0594+1.5288i	-5.4900+1.5567i	1.0035-5.5017i
51.5	2.1444-1.7670i	-1.7531+1.5956i	7.2847-2.6272i	-1.1713+0.4403i	-1.9839+1.7268i	-5.4095+1.9030i	1.1663-5.9581i
51.6	2.3834-1.5328i	-1.7317+1.2529i	8.1985-1.9509i	-1.3014+0.2367i	-1.9794+1.3415i	-5.9086+1.3609i	1.0137-5.7557i
51.7	2.8832-2.0676i	-2.2539+1.4494i	9.2718-4.0110i	-1.6817+0.6066i	-2.5851+1.5843i	-6.6326+2.6856i	1.7067-6.0194i
51.8	2.7383-2.5524i	-2.3238+1.7400i	8.5128-4.9341i	-1.5959+0.8258i	-2.6522+1.9446i	-6.0723+3.2877i	1.6998-6.6328i
51.9	2.5769-2.5712i	-2.3663+1.7231i	8.5326-4.6355i	-1.5306+0.6354i	-2.6455+1.9231i	-6.2632+2.9742i	1.6699-6.7031i
52.0	2.9057-2.5515i	-2.8799+1.8665i	9.7943-5.2094i	-1.9358+0.6294i	-3.2006+2.0441i	-7.2575+3.3817i	2.1083-6.7146i
52.1	2.4357-3.5841i	-2.4496+2.8878i	7.8884-7.6575i	-1.9019+1.2347i	-2.7527+3.1820i	-6.0792+5.0800i	2.0536-7.9290i
52.2	1.9723-3.5037i	-1.9691+2.7650i	6.8033-6.9519i	-1.6126+1.1613i	-2.2044+3.0455i	-5.3772+4.6955i	1.6178-8.1553i
52.3	2.1481-3.5559i	-2.1185+2.9002i	6.9863-7.3360i	-1.6982+1.2866i	-2.3705+3.1658i	-5.3586+4.9817i	1.8015-8.6413i
52.4	2.0536-3.5312i	-2.0697+2.9198i	7.0645-6.9671i	-1.8055+1.2648i	-2.3279+3.1529i	-5.4126+4.7079i	1.4222-9.2419i
52.5	2.3764-3.9257i	-2.4063+3.2667i	8.0439-8.9275i	-2.1425+1.5688i	-2.7452+3.5544i	-6.1754+6.1601i	1.7227-9.5939i
52.6	1.7912-4.4663i	-1.9126+3.7256i	5.7887-9.8841i	-1.8906+1.7747i	-2.1954+4.0618i	-4.5670+6.9031i	0.9074-10.4644i
52.7	1.3904-3.8319i	-1.4068+3.2399i	5.4458-7.5260i	-1.7598+1.4720i	-1.6425+3.4994i	-4.2050+5.2732i	-0.1390-10.0300i
52.8	2.0156-3.7573i	-1.8948+2.9859i	7.3922-7.9099i	-2.3168+1.5065i	-2.2277+3.2288i	-5.5613+5.4195i	0.1648-9.4156i
52.9	1.6818-4.8123i	-1.8431+3.7873i	5.5527-10.4605i	-2.1700+2.2764i	-2.1589+4.1779i	-4.4211+7.2832i	0.2747-10.3957i
53.0	0.9625-4.8158i	-1.3575+3.8131i	3.6568-9.8893i	-1.7644+2.4452i	-1.5902+4.2398i	-3.1006+7.0392i	-0.2398-10.6202i
53.1	0.6613-4.1410i	-1.3669+3.2258i	3.8961-7.5579i	-1.6338+1.9760i	-1.5694+3.5677i	-3.1167+5.3695i	-1.0832-10.3641i
53.2	1.3180-4.1897i	-2.1642+3.4241i	6.3208-8.3063i	-2.3398+1.7928i	-2.4737+3.7263i	-4.8306+5.6240i	-0.6034-10.0216i
53.3	1.0325-4.7073i	-1.9111+4.1451i	5.0845-10.1056i	-2.4378+2.5022i	-2.2276+4.5297i	-4.1096+6.9520i	-0.6940-10.8079i
53.4	0.5919-4.6814i	-1.4995+4.2975i	3.7775-9.7753i	-2.2066+2.7709i	-1.7685+4.7436i	-3.3216+6.7859i	-1.3502-10.7181i
53.5	0.1868-4.4726i	-1.0411+4.2912i	2.6938-8.9075i	-2.0126+2.8930i	-1.2317+4.7418i	-2.6724+6.3302i	-1.5582-10.3741i
53.6	0.3686-3.9842i	-0.9893+3.7647i	3.8041-7.2460i	-2.0908+2.5737i	-1.1932+4.1174i	-3.3138+5.2421i	-1.4011-10.2263i
53.7	0.9352-4.0361i	-1.4797+3.5358i	5.7657-7.5824i	-2.3476+2.5628i	-1.7972+3.8544i	-4.5631+5.4243i	-1.1563-10.2223i
53.8	1.5596-4.8301i	-2.3118+4.2745i	7.2523-10.6025i	-3.0059+3.0906i	-2.7564+4.7180i	-5.6962+7.2420i	-0.1728-10.6267i
53.9	1.4477-5.7631i	-2.3923+5.3252i	6.3853-13.3089i	-3.1514+4.0923i	-2.8146+5.9241i	-5.4408+9.1676i	0.3804-12.0648i
54.0	0.8797-6.3542i	-1.8706+6.1604i	4.6749-14.4961i	-2.7165+4.9010i	-2.2117+6.8359i	-4.4200+10.3277i	-0.1660-13.3828i
54.1	-0.0331-6.2303i	-0.8828+6.1132i	2.5641-13.9609i	-1.8706+5.0639i	-1.0942+6.8140i	-2.7532+10.0908i	-1.5659-13.7836i
54.2	-0.0523-5.1665i	-1.0523+5.0815i	3.1976-11.6790i	-1.8306+4.2365i	-1.2112+5.6178i	-3.0324+8.4722i	-2.5431-12.5227i
54.3	0.4491-5.9372i	-1.5542+6.0731i	3.5890-14.1089i	-2.3906+5.0200i	-1.8215+6.6622i	-3.3251+10.3090i	-1.9367-13.1502i
54.4	-0.5121-6.9141i	-0.3524+7.1228i	0.1115-15.5583i	-1.4416+6.1171i	-0.5590+7.8713i	-0.8195+11.5569i	-3.0862-14.6948i
54.5	-1.3595-6.8718i	0.6225+7.1143i	-1.7746-14.5997i	-0.4588+6.3270i	0.5202+7.9076i	0.6713+10.8800i	-4.4775-14.8965i
54.6	-2.0967-6.1587i	1.3947+6.3243i	-2.8306-12.2644i	0.4086+5.7832i	1.4036+7.0576i	1.5544+9.2546i	-5.9561-14.0707i
54.7	-2.0144-5.2745i	1.2171+5.3846i	-1.6058-9.9980i	0.4994+4.9463i	1.2519+5.9838i	0.7990+7.6638i	-6.2190-12.8025i
54.8	-1.0060-5.7466i	0.1288+6.1143i	1.4506-12.5406i	-0.4597+5.2544i	-0.0463+6.7462i	-1.2812+9.3508i	-4.8516-12.7280i
54.9	-1.5909-7.0169i	0.9370+7.6239i	-1.0215-16.1667i	0.0734+6.5668i	0.8120+8.4939i	0.3221+11.8016i	-5.2031-14.2664i
55.0	-2.6903-6.8849i	2.1653+7.4795i	-3.9916-15.2479i	1.0271+6.6151i	2.1891+8.3877i	2.3484+11.3125i	-6.5929-14.1640i
55.1	-3.1652-6.1943i	2.7804+6.6704i	-4.9152-13.1333i	1.6426+5.9352i	2.8834+7.4913i	3.0394+9.9424i	-7.3805-13.1638i
55.2	-3.4545-5.9721i	3.1866+6.3988i	-5.5142-12.4073i	2.1236+5.7253i	3.3613+7.2133i	3.6282+9.4382i	-7.8938-12.9091i
55.3	-3.8285-5.4789i	3.6315+5.9027i	-6.1743-11.0782i	2.5459+5.3305i	3.8934+6.6738i	4.2095+8.4567i	-8.3381-12.4108i
55.4	-3.8578-4.8017i	3.7426+5.1640i	-5.7579-9.5021i	2.6101+4.6857i	4.0539+5.8448i	3.9772+7.3072i	-8.4840-11.4847i
55.5	-3.0965-4.6944i	2.9804+4.9056i	-3.6096-10.0233i	1.8091+4.5931i	3.1773+5.5244i	2.4194+7.4176i	-7.6492-11.0038i
55.6	-3.1875-5.2873i	2.9477+5.3569i	-4.4582-11.5717i	1.8691+5.0455i	3.1184+6.0548i	2.8473+8.4347i	-7.5104-11.5296i
55.7	-3.9321-5.1977i	3.6377+5.3188i	-6.6108-10.5464i	2.6394+4.9827i	3.9061+6.0502i	4.2899+7.9222i	-8.2502-11.6635i
55.8	-4.2029-4.8491i	3.9102+5.0230i	-7.0473-9.3464i	2.9054+4.7169i	4.2413+5.7108i	4.5822+7.1347i	-8.5037-11.3669i
55.9	-4.3033-4.4441i	4.0592+4.6153i	-6.7877-8.1712i	3.0140+4.3011i	4.4412+5.2422i	4.4284+6.2595i	-8.6978-11.0186i
56.0	-3.7298-4.2104i	3.5723+4.2421i	-4.6746-7.8901i	2.4838+3.9827i	3.8863+4.7900i	2.9997+5.9219i	-8.3541-10.5875i

56.1	-3.4847-5.0301i	3.2125+4.8489i	-4.3072-10.6455i	2.2153+4.7268i	3.4012+5.4786i	2.6485+7.8211i	-7.9331-11.2206i
56.2	-4.5927-5.1678i	4.1460+5.0314i	-7.4394-10.5422i	3.2207+4.8796i	4.4912+5.7439i	4.8663+8.0567i	-8.7776-11.6212i
56.3	-4.9815-4.6692i	4.5793+4.6253i	-8.1343-8.9978i	3.6562+4.4200i	5.0158+5.2890i	5.4220+6.8883i	-9.2955-11.3655i
56.4	-5.0439-4.3225i	4.5417+4.2720i	-8.0688-7.9933i	3.5526+4.1301i	4.9634+4.8783i	5.2735+6.1944i	-9.3927-11.0761i
56.5	-5.0218-4.0641i	4.4853+4.0027i	-7.8815-7.2924i	3.4561+3.8907i	4.8946+4.5634i	5.0992+5.7346i	-9.4179-10.8550i
56.6	-5.0967-3.9240i	4.5549+3.8328i	-7.9128-6.8073i	3.5774+3.6852i	4.9778+4.3755i	5.2112+5.3819i	-9.7707-10.7274i
56.7	-5.1575-3.8131i	4.5701+3.7509i	-7.8095-6.4327i	3.6561+3.6000i	5.0068+4.2702i	5.1899+5.0917i	-9.9128-10.7157i
56.8	-5.2736-3.6689i	4.6418+3.6396i	-7.7509-6.0124i	3.6889+3.5205i	5.1045+4.1331i	5.1511+4.8260i	-10.1066-10.5195i
56.9	-5.3695-3.4540i	4.6654+3.4212i	-7.4588-5.4545i	3.6834+3.3248i	5.1305+3.8839i	4.9289+4.4397i	-10.3304-10.3305i
57.0	-5.2547-3.3163i	4.5903+3.2739i	-6.8983-5.0783i	3.6515+3.2198i	5.0404+3.7052i	4.5766+4.1597i	-10.1734-10.2204i
57.1	-4.9602-3.1748i	4.3089+3.1165i	-5.6568-4.8260i	3.3940+3.1374i	4.6976+3.5155i	3.7814+3.9889i	-10.0777-10.0534i
57.2	-4.6247-3.8127i	3.8265+3.6912i	-4.5191-7.2037i	3.0208+3.8035i	4.0677+4.1686i	2.9395+5.4838i	-9.7381-10.3682i
57.3	-5.4121-4.7714i	4.3733+4.6922i	-7.0786-9.7987i	3.6482+4.7158i	4.6622+5.4306i	4.3339+7.2093i	-10.1260-11.2178i
57.4	-6.4440-4.2188i	5.2742+4.3761i	-9.2793-7.8757i	4.4408+4.3630i	5.7564+5.1003i	5.7675+6.2278i	-11.0948-11.2145i
57.5	-6.7797-3.6987i	5.6197+3.9257i	-9.5686-6.4796i	4.7442+3.9094i	6.1637+4.5643i	5.9971+5.3665i	-11.6219-11.0597i
57.6	-6.9960-3.3421i	5.8568+3.6741i	-9.5750-5.6907i	4.9951+3.6591i	6.4271+4.2759i	5.9507+4.8589i	-12.0219-10.9402i
57.7	-7.1715-3.0590i	6.0372+3.5452i	-9.5284-5.2699i	5.1743+3.5765i	6.6367+4.1270i	6.0234+4.7023i	-12.3042-10.8377i
57.8	-7.3405-2.7192i	6.2560+3.2884i	-9.6077-4.7334i	5.3645+3.3083i	6.8872+3.8473i	6.0683+4.3904i	-12.7190-10.6264i
57.9	-7.5199-2.3765i	6.4260+2.9756i	-9.7801-4.1462i	5.4853+2.9802i	7.0795+3.5028i	6.0899+4.0405i	-13.2743-10.2584i
58.0	-7.7076-2.0594i	6.6357+2.6839i	-9.9142-3.5730i	5.6815+2.6663i	7.3163+3.1687i	6.1650+3.7097i	-13.9093-9.9307i
58.1	-7.7544-1.7488i	6.7476+2.4963i	-9.8036-3.1114i	5.8167+2.5369i	7.4521+2.9656i	6.2438+3.6060i	-14.1117-9.7836i
58.2	-7.8403-1.4134i	6.8398+2.2096i	-9.6875-2.7073i	5.8582+2.3205i	7.5611+2.6600i	6.1970+3.3965i	-14.4038-9.5048i
58.3	-7.9682-0.9252i	6.9823+1.7169i	-9.5095-2.1088i	5.9090+1.9006i	7.7267+2.1027i	5.9819+2.9615i	-14.8612-9.0215i
58.4	-7.8377-0.4748i	6.8144+1.3913i	-9.0924-1.9831i	5.8451+1.7667i	7.5289+1.7583i	5.6878+3.0964i	-15.3394-8.4895i
58.5	-7.8760-0.6357i	6.8333+1.6359i	-9.4762-2.7729i	5.9152+1.8837i	7.5432+2.0551i	5.8791+3.8837i	-15.6672-8.3783i
58.6	-8.4538-0.3745i	7.4723+1.5051i	-10.9114-2.0374i	6.3806+1.7835i	8.2657+1.9437i	7.0064+3.7849i	-16.2366-8.0009i
58.7	-8.7452+0.5714i	7.8933+0.5874i	-11.2866-0.1898i	6.7896+0.9905i	8.7716+0.9197i	7.4861+2.5920i	-17.1656-7.1031i
58.8	-8.6006+1.1025i	7.7946+0.0956i	-10.7320+0.6904i	6.7595+0.6276i	8.7041+0.3773i	7.3818+2.1539i	-17.3063-6.3801i
58.9	-8.4767+1.5576i	7.7388-0.3178i	-10.3000+1.4721i	6.7184+0.2564i	8.6545-0.0713i	7.1719+1.7955i	-17.5047-5.6187i
59.0	-8.3315+1.9774i	7.6609-0.7142i	-9.8552+2.1036i	6.6060-0.1152i	8.5892-0.4948i	7.0187+1.4714i	-17.6492-4.9249i
59.1	-8.0171+2.4580i	7.4797-1.1175i	-8.9387+2.5552i	6.4726-0.3548i	8.4354-0.9485i	6.8925+1.2687i	-17.4009-4.0255i
59.2	-7.7036+3.1720i	7.2895-1.8385i	-8.4280+3.2965i	6.4699-0.9885i	8.2688-1.7979i	6.9009+0.7659i	-17.3764-2.7871i
59.3	-7.3825+3.4928i	7.0145-2.1851i	-7.8320+3.5268i	6.2816-1.1850i	7.9843-2.1940i	6.7638+0.5834i	-16.9696-2.2071i
59.4	-6.9690+3.9412i	6.6790-2.5876i	-7.1263+3.9593i	6.0864-1.4556i	7.6505-2.6359i	6.6730+0.3584i	-16.5095-1.4458i
59.5	-6.6530+4.2218i	6.3841-2.8736i	-6.6508+4.2835i	5.8777-1.6750i	7.3185-2.9682i	6.5155+0.1970i	-16.1826-0.8382i
59.6	-6.1622+4.5142i	5.9317-3.1864i	-5.9245+4.4264i	5.6346-1.9400i	6.8434-3.3394i	6.3897-0.0004i	-15.4273-0.2568i
59.7	-5.7658+4.7363i	5.6253-3.3851i	-5.3380+4.4951i	5.4621-2.1725i	6.5474-3.5749i	6.4012-0.3213i	-15.1811+0.1417i
59.8	-5.2652+4.7898i	5.1615-3.4198i	-4.5790+4.6041i	5.5644-1.9824i	6.0320-3.6327i	6.1851-0.3940i	-14.5144+0.5731i
59.9	-4.6557+4.8496i	4.6070-3.4965i	-3.8420+4.6550i	3.8660+1.1905i	5.4288-3.7825i	5.8258-0.6256i	-13.8117+1.0358i
60.0	-4.2790+4.7717i	4.3410-3.4072i	-3.3758+4.3237i	9.5042+9.8888i	5.1581-3.6969i	5.7383-0.7068i	-13.0656+0.4289i
60.1	-3.8516+4.7427i	3.9646-3.4678i	-2.9196+4.2071i	13.2158+11.5565i	4.7177-3.7796i	5.5607-0.8303i	-12.4058+0.5162i
60.2	-3.4713+4.6900i	3.6111-3.4672i	-2.4823+4.0358i	4.0971-2.7746i	4.3165-3.8050i	5.3443-1.0132i	-12.2449+1.2069i
60.3	-3.1812+4.5233i	3.3182-3.3454i	-2.0377+3.7836i	3.9668-2.5314i	3.9869-3.6950i	5.1383-1.0252i	-11.6628+1.1180i
60.4	-2.8538+4.3988i	3.0194-3.2992i	-1.6908+3.5639i	3.6479-2.6922i	3.6386-3.6827i	4.8443-1.0993i	-11.1396+1.1463i
60.5	-2.6265+4.2867i	2.8149-3.2343i	-1.4870+3.2164i	3.5298-2.7327i	3.4280-3.6531i	4.7337-1.2234i	-10.8358+0.9849i
60.6	-2.3958+4.1880i	2.5789-3.1688i	-1.2986+3.0136i	3.3768-2.7717i	3.1630-3.5950i	4.6642-1.2747i	-10.6944+1.0324i
60.7	-2.1590+3.8220i	2.2673-2.8404i	-0.9903+2.7277i	3.0810-2.5629i	2.7997-3.2044i	4.4536-1.1364i	-10.0917+0.7625i
60.8	-2.0316+3.6107i	2.1463-2.5560i	-0.7467+2.4465i	2.9711-2.3377i	2.6415-2.8803i	4.4266-1.0758i	-9.7207+0.3917i
60.9	-1.7962+3.5253i	1.9940-2.5397i	-0.4986+2.4201i	2.7031-2.4736i	2.4606-2.8709i	4.2114-1.1313i	-9.4927+0.8147i
61.0	-1.7905+3.2919i	1.9410-2.3144i	-0.2712+2.1778i	2.5206-2.2747i	2.4015-2.6416i	4.1619-1.0187i	-9.1413+0.6714i
61.1	-1.7668+3.1299i	1.9223-2.2016i	-0.0903+1.9433i	2.4492-2.2127i	2.3840-2.5292i	4.1296-0.9952i	-9.0385+0.4341i
61.2	-1.7607+3.0256i	1.9130-2.1447i	-0.0071+1.6923i	2.4501-2.1536i	2.3766-2.4740i	4.1447-0.9896i	-8.8940+0.1186i
61.3	-1.7610+2.9322i	1.8697-2.0561i	0.1312+1.4531i	2.4191-2.0212i	2.3322-2.3674i	4.2167-1.0063i	-8.6066-0.0731i
61.4	-1.7424+2.8298i	1.8852-1.9842i	0.1077+1.2193i	2.4905-2.0861i	2.3408-2.3032i	4.2179-1.1457i	-8.7624-0.2435i
61.5	-1.7992+2.7288i	1.9405-1.8272i	0.2563+0.8236i	2.6387-1.9336i	2.4129-2.1472i	4.3722-1.1764i	-8.6234-0.7265i
61.6	-1.7700+2.6001i	1.8539-1.7684i	0.3450+0.6941i	2.5113-1.9126i	2.3083-2.0950i	4.3158-1.2050i	-8.4336-0.7736i
61.7	-1.8162+2.4791i	1.8582-1.5952i	0.4709+0.4797i	2.4863-1.7670i	2.3118-1.9048i	4.3774-1.1759i	-8.2596-1.1452i
61.8	-1.9258+2.3506i	1.9028-1.3504i	0.7733+0.1376i	2.5535-1.5088i	2.3758-1.6304i	4.5664-1.1126i	-8.0136-1.6919i
61.9	-1.9928+2.3707i	2.0345-1.3002i	0.7429-0.2116i	2.7644-1.5495i	2.5469-1.6054i	4.6922-1.3055i	-8.3763-2.0758i
62.0	-1.9505+2.3003i	1.9507-1.2396i	0.8669-0.2960i	2.6246-1.5483i	2.4366-1.5605i	4.6523-1.3188i	-8.3166-2.1021i
62.1	-2.0466+2.3541i	2.0279-1.2677i	0.7051-0.5692i	2.7006-1.6695i	2.5086-1.6268i	4.6481-1.5234i	-8.5740-2.1999i
62.2	-2.1363+2.4735i	2.1614-1.3488i	0.5326-0.8537i	2.8481-1.8649i	2.6740-1.7451i	4.6453-1.7979i	-9.1003-2.4043i
62.3	-2.2645+2.4555i	2.2057-1.2887i	0.7117-1.2625i	2.9653-1.7616i	2.7454-1.6734i	4.8734-1.9503i	-9.0090-2.9937i

62.4	−2.3040+2.4646i	2.2065−1.2171i	0.7653−1.5981i	2.9796−1.7709i	2.7382−1.6186i	4.8983−2.1572i	−9.0534−3.3148i
62.5	−2.3578+2.5620i	2.3002−1.2415i	0.6474−1.8881i	3.0336−1.8998i	2.8358−1.6858i	4.9059−2.4278i	−9.4902−3.4390i
62.6	−2.3674+2.7431i	2.3835−1.3364i	0.4687−2.1270i	3.1021−2.0366i	2.9256−1.8157i	4.8430−2.7112i	−9.9418−3.3877i
62.7	−2.3676+2.9052i	2.4058−1.4216i	0.1980−2.4585i	3.1601−2.2553i	2.9410−1.9446i	4.8012−3.0934i	−10.6616−3.2815i
62.8	−2.4239+2.9913i	2.4649−1.4503i	−0.0190−2.8057i	3.2612−2.3583i	2.9896−2.0229i	4.7576−3.3625i	−11.0982−3.5609i
62.9	−2.4312+3.1852i	2.5597−1.5521i	−0.2883−3.0670i	3.3013−2.5296i	3.0788−2.1726i	4.6459−3.6544i	−11.7764−3.5543i
63.0	−2.3173+3.3033i	2.5021−1.6661i	−0.5039−3.1615i	3.1542−2.7510i	2.9954−2.3276i	4.4585−3.9045i	−12.1209−3.1044i
63.1	−2.2113+3.3586i	2.4408−1.7140i	−0.6501−3.1884i	3.0303−2.8643i	2.9099−2.3999i	4.2559−4.0424i	−12.2940−2.7756i
63.2	−2.0466+3.4327i	2.3356−1.7389i	−0.8874−3.2119i	2.8636−2.9913i	2.7478−2.4476i	3.9781−4.2114i	−12.4682−2.2631i
63.3	−1.8206+3.5581i	2.2389−1.8171i	−1.3425−3.2387i	2.6445−3.2537i	2.5687−2.5711i	3.5773−4.5202i	−12.9094−1.5560i
63.4	−1.6993+3.6558i	2.1926−1.9032i	−1.6746−3.2846i	2.5164−3.4075i	2.4945−2.6875i	3.2594−4.6714i	−13.2598−1.2484i
63.5	−1.5963+3.7185i	2.0888−1.9497i	−1.8382−3.2359i	2.3160−3.4437i	2.3521−2.7413i	3.0040−4.7830i	−13.2354−0.7678i
63.6	−1.4264+3.7813i	1.9869−1.9599i	−2.1098−3.2347i	2.1338−3.5193i	2.1998−2.7608i	2.6969−4.9356i	−13.3002−0.2966i
63.7	−1.2255+3.8246i	1.8918−1.9538i	−2.3857−3.2156i	1.9430−3.5879i	2.0578−2.7699i	2.3315−5.0246i	−13.3086+0.3612i
63.8	−1.0818+3.8521i	1.7938−1.9285i	−2.5978−3.1484i	1.7627−3.6667i	1.9191−2.7582i	2.0063−5.0387i	−13.2750+0.7900i
63.9	−0.9584+3.8844i	1.7104−1.8835i	−2.7838−3.0913i	1.6222−3.6766i	1.8129−2.7173i	1.7512−5.0687i	−13.3124+1.0891i
64.0	−0.8419+3.8231i	1.6782−1.8381i	−2.8077−3.0382i	1.4303−3.5398i	1.7284−2.6387i	1.5273−5.0696i	−13.0601+1.4031i
64.1	−0.6597+3.7386i	1.6124−1.7902i	−2.8107−2.9025i	1.2105−3.4017i	1.6068−2.5769i	1.2567−4.9796i	−12.6203+1.8161i
64.2	−0.4540+3.7244i	1.5364−1.7903i	−2.9863−2.7421i	1.0709−3.3925i	1.4798−2.5737i	0.9627−4.9482i	−12.3622+2.4454i
64.3	−0.3387+3.6919i	1.4172−1.7209i	−3.1185−2.6669i	0.9312−3.3810i	1.3487−2.4871i	0.7202−4.8707i	−12.1610+2.7997i
64.4	−0.1944+3.6312i	1.4033−1.6396i	−3.2922−2.5500i	0.8081−3.3086i	1.2721−2.3978i	0.4765−4.7743i	−11.7154+3.0602i
64.5	−0.1329+3.5883i	1.4362−1.5965i	−3.4003−2.4900i	0.7599−3.1747i	1.2749−2.3218i	0.2803−4.7218i	−11.5371+3.2750i
64.6	−0.0303+3.4859i	1.3736−1.5268i	−3.4601−2.4097i	0.6127−3.0991i	1.1967−2.2244i	0.0935−4.5836i	−11.1017+3.3585i
64.7	0.1461+3.4225i	1.3497−1.4583i	−3.6136−2.2388i	0.5222−3.0407i	1.1377−2.1250i	−0.1427−4.3875i	−10.5944+3.6132i
64.8	0.1594+3.4017i	1.4153−1.3878i	−3.6817−2.2310i	0.5638−2.9979i	1.1889−2.0574i	−0.2434−4.3604i	−10.5129+3.5934i
64.9	0.2586+3.2918i	1.4602−1.3055i	−3.6619−2.1100i	0.4848−2.9160i	1.1944−1.9410i	−0.3681−4.2642i	−10.1341+3.6547i
65.0	0.3876+3.2587i	1.4571−1.2630i	−3.7380−1.9918i	0.3879−2.8870i	1.1893−1.8783i	−0.5754−4.2210i	−9.8477+3.7734i
65.1	0.4738+3.1630i	1.4592−1.2423i	−3.7620−1.8698i	0.3214−2.8285i	1.1776−1.8344i	−0.7325−4.0935i	−9.4548+3.7262i
65.2	0.6180+3.0666i	1.4475−1.2040i	−3.7774−1.7846i	0.2122−2.7387i	1.1483−1.7734i	−0.9118−3.9303i	−9.1267+3.7992i
65.3	0.7151+2.9897i	1.5583−1.1430i	−3.8925−1.7039i	0.1869−2.6779i	1.2490−1.6956i	−1.0705−3.8025i	−8.8950+3.8191i
65.4	0.7492+2.8919i	1.6289−1.1301i	−3.8701−1.6761i	0.1875−2.6051i	1.3091−1.6595i	−1.1318−3.7357i	−8.5347+3.6918i
65.5	0.8638+2.7940i	1.6964−1.1288i	−3.9215−1.6426i	0.1489−2.5563i	1.3557−1.6422i	−1.2557−3.6405i	−8.4445+3.6774i
65.6	0.9706+2.6601i	1.7445−1.0566i	−3.9515−1.5467i	0.0611−2.5007i	1.3936−1.5472i	−1.3704−3.5202i	−8.1936+3.7370i
65.7	1.0036+2.5047i	1.7920−1.0010i	−3.9894−1.4646i	0.0014−2.3862i	1.4182−1.4774i	−1.4822−3.3517i	−7.8319+3.6575i
65.8	1.0649+2.4329i	1.8634−1.0899i	−4.0881−1.4102i	−0.0462−2.3250i	1.4686−1.5447i	−1.6026−3.2605i	−7.6826+3.6044i
65.9	1.1492+2.3175i	1.9848−1.1601i	−4.1715−1.3270i	−0.0997−2.3035i	1.5757−1.6052i	−1.6781−3.2151i	−7.5777+3.6005i
66.0	1.2270+2.1579i	2.0696−1.2336i	−4.2185−1.2143i	−0.1580−2.2113i	1.6513−1.6545i	−1.7943−3.0854i	−7.2997+3.5507i
66.1	1.1754+2.0224i	2.0752−1.2930i	−4.2179−1.1729i	−0.1693−2.1290i	1.6408−1.6958i	−1.8204−2.9980i	−7.0829+3.3494i
66.2	1.1805+1.8821i	2.1213−1.3833i	−4.2390−1.0329i	−0.2206−2.0404i	1.6734−1.7609i	−1.8594−2.8639i	−6.8792+3.2001i
66.3	1.1507+1.8024i	2.1443−1.4733i	−4.2687−1.0176i	−0.1977−1.9509i	1.6847−1.8271i	−1.9154−2.8139i	−6.8766+3.0988i
66.4	1.0589+1.6405i	2.1440−1.5251i	−4.2623−0.9594i	−0.1518−1.8541i	1.6729−1.8620i	−1.9758−2.6981i	−6.6877+2.9274i
66.5	1.0642+1.5085i	2.1104−1.5775i	−4.2872−0.9059i	−0.1454−1.7778i	1.6527−1.8797i	−2.0675−2.6074i	−6.4910+2.8638i
66.6	1.1222+1.4390i	2.0503−1.6362i	−4.3078−0.7676i	−0.1792−1.7625i	1.5918−1.9271i	−2.1527−2.5604i	−6.3086+2.9904i
66.7	1.0380+1.3447i	2.0253−1.6550i	−4.3455−0.7239i	−0.1463−1.6612i	1.5609−1.9413i	−2.2206−2.4557i	−6.1456+2.7457i
66.8	1.0336+1.2123i	1.9384−1.6838i	−4.2977−0.6506i	−0.1619−1.5781i	1.4824−1.9505i	−2.2939−2.3453i	−5.8067+2.6412i
66.9	0.9830+1.1424i	1.8916−1.7281i	−4.2943−0.6403i	−0.1288−1.5315i	1.4459−1.9615i	−2.3904−2.2978i	−5.6917+2.5412i
67.0	0.8587+1.1191i	1.9020−1.7885i	−4.3986−0.5720i	−0.0843−1.5031i	1.4398−1.9979i	−2.5391−2.2059i	−5.6189+2.3094i
67.1	0.8432+0.9980i	1.9221−1.8461i	−4.5176−0.4566i	−0.0469−1.4748i	1.4221−2.0223i	−2.6751−2.1053i	−5.5034+2.2491i
67.2	0.7677+0.9011i	1.8983−1.8577i	−4.5335−0.4975i	0.0043−1.3865i	1.3946−2.0269i	−2.7450−2.0221i	−5.4298+2.1122i
67.3	0.7293+0.8617i	1.8461−1.8404i	−4.5174−0.4656i	0.0071−1.3452i	1.3568−2.0009i	−2.8484−1.9685i	−5.2474+1.9159i
67.4	0.6552+0.8614i	1.8540−1.8588i	−4.5588−0.3839i	0.0722−1.3256i	1.3770−2.0188i	−2.9328−1.8399i	−5.2455+1.8029i
67.5	0.5946+0.8522i	1.8036−1.9291i	−4.6661−0.3385i	0.1484−1.3095i	1.3363−2.0576i	−3.0721−1.7469i	−5.1507+1.7432i
67.6	0.5250+0.8022i	1.8036−1.9554i	−4.7585−0.2638i	0.1496−1.2740i	1.3244−2.0483i	−3.2087−1.6003i	−5.1239+1.5763i
67.7	0.4036+0.7778i	1.7660−1.8989i	−4.7616−0.1525i	0.1858−1.2347i	1.3001−1.9900i	−3.2303−1.3435i	−5.0662+1.1739i
67.8	0.3729+0.7543i	1.7194−1.9046i	−4.9307−0.0535i	0.2423−1.2222i	1.2449−1.9890i	−3.4120−1.1341i	−4.8489+0.9072i
67.9	0.3659+0.7899i	1.7395−2.0064i	−5.0647+0.0784i	0.2889−1.2536i	1.2460−2.0637i	−3.4291−0.9615i	−4.9772+0.7407i
68.0	0.3520+0.7811i	1.6853−1.9370i	−5.1843+0.1064i	0.3309−1.2350i	1.1828−1.9941i	−3.6074−0.8230i	−4.8420+0.4939i
68.1	0.3631+0.7584i	1.6581−1.9427i	−5.3307+0.1997i	0.3351−1.2250i	1.1404−1.9960i	−3.7785−0.6698i	−4.7557+0.3214i
68.2	0.2655+0.8033i	1.7573−2.0157i	−5.4117+0.4758i	0.4044−1.2675i	1.2415−2.0320i	−3.6719−0.3254i	−5.1687+0.1361i
68.3	0.1498+0.8308i	1.7458−2.0598i	−5.5043+0.6878i	0.4908−1.3372i	1.2410−2.0567i	−3.6556+0.0012i	−5.3163−0.3793i
68.4	0.1671+0.7885i	1.7335−2.0224i	−5.5929+0.8493i	0.5144−1.3251i	1.2111−2.0227i	−3.7188+0.1907i	−5.3393−0.5189i
68.5	0.1677+0.8139i	1.7246−2.0304i	−5.6489+1.1384i	0.5219−1.3621i	1.1976−2.0232i	−3.6826+0.4714i	−5.5738−0.7699i
68.6	0.2174+0.7805i	1.6724−2.1625i	−5.7442+1.4657i	0.5357−1.4134i	1.1329−2.1049i	−3.7180+0.7518i	−5.7512−0.8218i

68.7	0.1935+0.7700i	1.6585-2.1852i	-5.7457+1.7880i	0.5694-1.4471i	1.1182-2.0918i	-3.5539+1.0356i	-6.1008-1.0106i
68.8	0.2289+0.7209i	1.5801-2.1777i	-5.6502+2.0586i	0.5517-1.4806i	1.0471-2.0560i	-3.4363+1.2418i	-6.2169-0.9440i
68.9	0.2081+0.7362i	1.5848-2.1950i	-5.4886+2.3655i	0.5213-1.5690i	1.0657-2.0647i	-3.1536+1.4835i	-6.6853-0.7986i
69.0	0.1452+0.7063i	1.6988-2.1962i	-5.4503+2.7122i	0.5400-1.6216i	1.1600-2.0266i	-2.9080+1.7371i	-7.1850-0.8108i
69.1	0.1054+0.6770i	1.7386-2.2413i	-5.3898+2.9940i	0.5283-1.6739i	1.1961-2.0395i	-2.7439+1.9124i	-7.3350-0.6594i
69.2	0.0887+0.6704i	1.7422-2.3277i	-5.1815+3.2033i	0.4886-1.7066i	1.2173-2.1043i	-2.5795+1.9975i	-7.4214-0.3190i
69.3	0.0797+0.6154i	1.7124-2.3452i	-5.1489+3.4365i	0.4817-1.7209i	1.1812-2.0826i	-2.5324+2.1745i	-7.5348-0.2911i
69.4	0.0536+0.6050i	1.6669-2.3999i	-4.9211+3.8088i	0.4550-1.7631i	1.1630-2.0904i	-2.2868+2.3521i	-7.6431-0.2509i
69.5	0.0608+0.5869i	1.5652-2.4305i	-4.5446+3.9073i	0.3521-1.7267i	1.0711-2.0955i	-2.0068+2.2693i	-7.5064-0.0065i
69.6	-0.0489+0.6137i	1.5963-2.6487i	-4.1524+4.0786i	0.3378-1.7786i	1.1456-2.2700i	-1.6929+2.1732i	-7.6891+0.5449i
69.7	-0.0852+0.5937i	1.5440-2.6445i	-3.8344+4.1560i	0.2949-1.7565i	1.1422-2.2319i	-1.5109+2.1487i	-7.6136+0.6982i
69.8	-0.0863+0.6012i	1.4358-2.6706i	-3.6116+4.2282i	0.2658-1.7668i	1.0716-2.2551i	-1.4293+2.1329i	-7.4763+0.9873i
69.9	-0.1256+0.6058i	1.3795-2.7719i	-3.3364+4.4207i	0.2341-1.8059i	1.0409-2.3220i	-1.2546+2.1918i	-7.4320+1.2299i
70.0	-0.2120+0.5787i	1.4280-2.8113i	-2.9814+4.4930i	0.2186-1.8093i	1.1027-2.3413i	-0.9858+2.1433i	-7.5151+1.3254i
70.1	-0.2394+0.6314i	1.3400-2.8751i	-2.7520+4.3547i	0.2027-1.7924i	1.0576-2.4074i	-0.9255+1.9558i	-7.2688+1.4339i
70.2	-0.2668+0.6457i	1.3005-2.8767i	-2.5340+4.2708i	0.1895-1.7703i	1.0530-2.4243i	-0.8173+1.9088i	-7.0441+1.5110i
70.3	-0.3093+0.5880i	1.2272-2.9060i	-2.2725+4.4574i	0.1575-1.8210i	1.0355-2.4130i	-0.6859+2.0067i	-7.1337+1.5924i
70.4	-0.3675+0.6780i	1.0763-2.9958i	-1.8879+4.4479i	0.0839-1.8707i	0.9315-2.5054i	-0.5015+1.9631i	-6.8603+1.6731i
70.5	-0.4027+0.6976i	1.0395-2.9450i	-1.6550+4.1872i	0.0437-1.7927i	0.9029-2.4775i	-0.4387+1.7777i	-6.4854+1.5937i
70.6	-0.4643+0.7318i	1.0128-2.9644i	-1.4505+4.0105i	0.0258-1.7620i	0.9030-2.5075i	-0.3740+1.6311i	-6.4634+1.5608i
70.7	-0.4907+0.7410i	0.9066-3.0199i	-1.2745+4.0623i	-0.0249-1.8065i	0.8460-2.5515i	-0.3545+1.6751i	-6.3320+1.6590i
70.8	-0.4238+0.7845i	0.7469-2.9839i	-1.2115+3.9180i	-0.0531-1.7597i	0.7065-2.5384i	-0.4467+1.5984i	-5.9448+1.7199i
70.9	-0.4579+0.7997i	0.6994-2.9441i	-1.0677+3.7547i	-0.0484-1.7104i	0.6805-2.5099i	-0.4097+1.4882i	-5.8781+1.7125i
71.0	-0.5241+0.7516i	0.7243-2.9091i	-0.9085+3.8545i	-0.0541-1.7333i	0.7465-2.4603i	-0.2993+1.6026i	-5.9229+1.5303i
71.1	-0.5332+0.8433i	0.6309-2.9032i	-0.6814+3.6001i	-0.1158-1.6928i	0.6756-2.4917i	-0.1918+1.4404i	-5.7464+1.4302i
71.2	-0.5532+0.9105i	0.5545-2.8700i	-0.5008+3.3642i	-0.1267-1.6491i	0.6208-2.4839i	-0.1675+1.3010i	-5.5979+1.4493i
71.3	-0.6016+0.9335i	0.5233-2.8879i	-0.2855+3.3612i	-0.1630-1.6594i	0.6188-2.5021i	-0.0402+1.3007i	-5.5021+1.4031i
71.4	-0.5765+0.9800i	0.4502-2.9271i	-0.3292+3.2873i	-0.1673-1.6697i	0.5560-2.5599i	-0.1814+1.2625i	-5.4055+1.2717i
71.5	-0.5089+0.9923i	0.4036-2.8463i	-0.4291+3.1792i	-0.1475-1.6314i	0.5016-2.5142i	-0.3452+1.3088i	-5.3621+1.1537i
71.6	-0.4626+1.0421i	0.3177-2.8077i	-0.4186+3.0340i	-0.1797-1.6131i	0.4144-2.4991i	-0.3916+1.2657i	-5.2716+1.1742i
71.7	-0.4909+1.0973i	0.2201-2.7813i	-0.2093+2.7935i	-0.2215-1.5889i	0.3359-2.4868i	-0.2993+1.1189i	-5.2191+1.1129i
71.8	-0.4750+1.0471i	0.1691-2.7090i	-0.1668+2.7780i	-0.2155-1.5536i	0.2993-2.4136i	-0.3106+1.2050i	-5.1182+0.9613i
71.9	-0.4788+1.0369i	0.1979-2.6414i	-0.1404+2.7183i	-0.2118-1.5260i	0.3227-2.3627i	-0.3042+1.1813i	-5.1138+0.8990i
72.0	-0.5447+1.1614i	0.2421-2.7231i	-0.0769+2.4506i	-0.1930-1.5563i	0.4097-2.4781i	-0.2522+1.0206i	-5.2568+0.7630i
72.1	-0.5461+1.1575i	0.1959-2.6669i	0.0476+2.3250i	-0.2160-1.5298i	0.3545-2.4338i	-0.2079+0.9700i	-5.1525+0.4851i
72.2	-0.3797+1.1094i	0.0534-2.5281i	-0.2987+2.3578i	-0.2248-1.4854i	0.1663-2.3124i	-0.5088+1.1078i	-4.9483+0.5004i
72.3	-0.4247+1.0665i	0.1010-2.5118i	-0.0567+2.4586i	-0.2257-1.5008i	0.2363-2.2935i	-0.2705+1.3264i	-4.9198+0.3995i
72.4	-0.4672+1.1068i	0.1275-2.4687i	-0.0246+2.2762i	-0.2168-1.4631i	0.2760-2.2719i	-0.2624+1.2463i	-4.8927+0.3880i
72.5	-0.4482+1.0809i	0.1436-2.3862i	-0.1612+2.1707i	-0.2009-1.4076i	0.2746-2.2085i	-0.3824+1.1841i	-4.8706+0.3298i
72.6	-0.4895+1.0801i	0.1440-2.3963i	0.0418+2.1986i	-0.1932-1.4397i	0.3093-2.2114i	-0.2158+1.2904i	-4.7509+0.1680i
72.7	-0.4412+1.0685i	0.1107-2.4291i	-0.0909+2.3973i	-0.1625-1.4941i	0.2773-2.2195i	-0.3743+1.5376i	-4.7764+0.0241i
72.8	-0.3227+1.0353i	0.0311-2.3251i	-0.3939+2.3176i	-0.1797-1.4352i	0.1305-2.1349i	-0.6314+1.5689i	-4.7415+0.0294i
72.9	-0.2719+1.1992i	-0.0145-2.4029i	-0.6189+1.8458i	-0.2038-1.4114i	0.0566-2.2580i	-0.7878+1.1861i	-4.6961+0.0840i
73.0	-0.3204+1.2491i	0.0196-2.4000i	-0.4554+1.7326i	-0.1919-1.4056i	0.1140-2.2692i	-0.6675+1.1294i	-4.7345+0.0117i
73.1	-0.4054+1.2775i	-0.0102-2.3674i	0.0302+1.4696i	-0.2782-1.4397i	0.1362-2.2719i	-0.1937+1.0087i	-4.8088-0.0447i
73.2	-0.4496+1.3109i	0.0195-2.4072i	0.0478+1.3739i	-0.2930-1.4588i	0.1344-2.3273i	-0.1355+0.9578i	-4.8343-0.1772i
73.3	-0.4313+1.2131i	0.1100-2.3296i	-0.3053+1.5747i	-0.1948-1.4228i	0.1990-2.2086i	-0.4567+1.1571i	-4.7981-0.4305i
73.4	-0.3922+1.2630i	0.1250-2.3063i	-0.4923+1.3476i	-0.1679-1.3684i	0.2088-2.2079i	-0.6586+0.9522i	-4.7672-0.4614i
73.5	-0.3858+1.2635i	0.0815-2.2577i	-0.4117+1.2801i	-0.2361-1.3560i	0.1680-2.1871i	-0.5426+0.9380i	-4.7681-0.5531i
73.6	-0.3709+1.2387i	0.0867-2.1194i	-0.6220+1.0222i	-0.2284-1.2692i	0.1423-2.0771i	-0.7002+0.7317i	-4.8833-0.6587i
73.7	-0.3261+1.3136i	0.0808-2.2222i	-0.9048+1.0857i	-0.2140-1.3088i	0.0904-2.1606i	-0.9708+0.8481i	-4.9550-0.6499i
73.8	-0.4000+1.3169i	0.1491-2.3221i	-0.6861+1.3625i	-0.1964-1.3895i	0.1765-2.2265i	-0.7221+1.1232i	-4.9624-0.7828i
73.9	-0.3910+1.3006i	0.1567-2.2592i	-0.7717+1.2801i	-0.1763-1.3518i	0.2040-2.1823i	-0.8085+1.0680i	-5.1085-0.8972i
74.0	-0.4055+1.2511i	0.1842-2.2124i	-0.7867+1.4084i	-0.1542-1.3328i	0.2308-2.1066i	-0.8055+1.2406i	-4.9561-1.0172i
74.1	-0.4440+1.1554i	0.1779-2.0852i	-0.6491+1.3960i	-0.1796-1.2705i	0.2433-1.9817i	-0.5987+1.2551i	-4.7929-1.0522i
74.2	-0.5025+1.2900i	0.2558-2.2237i	-0.7018+1.2443i	-0.1529-1.3333i	0.3244-2.1673i	-0.6500+1.1401i	-5.0469-1.1664i
74.3	-0.5454+1.3356i	0.3406-2.2646i	-0.7730+1.2810i	-0.1220-1.3513i	0.3823-2.1824i	-0.6982+1.2008i	-5.0765-1.2588i
74.4	-0.6082+1.4545i	0.3857-2.4224i	-0.7805+1.2313i	-0.1118-1.4616i	0.4333-2.3755i	-0.7129+1.2040i	-5.3917-1.3609i
74.5	-0.5802+1.4718i	0.4521-2.5191i	-1.2478+1.5910i	-0.0296-1.5154i	0.4255-2.4243i	-1.1621+1.5703i	-5.3809-1.5346i
74.6	-0.5853+1.4508i	0.4855-2.4923i	-1.4088+1.6485i	-0.0231-1.4803i	0.4160-2.3777i	-1.2764+1.6006i	-5.2568-1.6247i
74.7	-0.7071+1.5076i	0.5254-2.5249i	-1.0132+1.6320i	-0.0076-1.5125i	0.5227-2.4172i	-0.9253+1.6146i	-5.2878-1.8034i
74.8	-0.7674+1.5765i	0.6096-2.5827i	-1.1161+1.5945i	0.0306-1.5534i	0.5887-2.4817i	-1.0150+1.6066i	-5.2924-2.0636i
74.9	-0.7748+1.6303i	0.5887-2.6299i	-1.1449+1.5638i	0.0141-1.5605i	0.5615-2.5200i	-1.0451+1.5804i	-5.3995-2.1469i

75.0	-0.8182+1.7783i	0.6739-2.8311i	-1.3086+1.6350i	0.0349-1.6394i	0.6275-2.7106i	-1.1996+1.6568i	-5.5716-2.3655i
75.1	-0.7746+1.8498i	0.6024-2.9287i	-1.3116+1.7586i	-0.0041-1.6881i	0.5410-2.7760i	-1.2089+1.8121i	-5.6986-2.3749i
75.2	-0.7525+1.9722i	0.5353-3.0297i	-1.3099+1.6325i	-0.0580-1.7283i	0.4562-2.9093i	-1.1980+1.7113i	-5.8224-2.4502i
75.3	-0.6371+2.0612i	0.3747-3.2047i	-1.2417+1.9761i	-0.1299-1.8140i	0.3204-3.0390i	-1.1033+2.0737i	-5.9980-2.4850i
75.4	-0.5011+2.0456i	0.1163-3.2696i	-1.0576+2.4200i	-0.2499-1.8547i	0.1080-3.0306i	-0.9620+2.5005i	-6.1461-2.5465i
75.5	-0.4783+2.1651i	0.0675-3.3961i	-0.9510+2.5408i	-0.2926-1.9214i	0.0587-3.1358i	-0.8586+2.7086i	-6.3156-2.5834i
75.6	-0.4629+2.3048i	0.0497-3.5311i	-1.0919+2.5826i	-0.3307-1.9764i	0.0089-3.2647i	-0.9922+2.8118i	-6.5859-2.6671i
75.7	-0.4224+2.3643i	-0.0076-3.5836i	-1.0589+2.5247i	-0.3485-1.9749i	-0.0407-3.3170i	-1.0017+2.7868i	-6.7091-2.6712i
75.8	-0.3575+2.4111i	-0.1147-3.6069i	-1.0284+2.5243i	-0.4112-1.9415i	-0.1498-3.3285i	-0.9689+2.7782i	-6.7537-2.6537i
75.9	-0.2037+2.4759i	-0.3557-3.6784i	-0.8414+2.8320i	-0.5199-1.9589i	-0.3697-3.3504i	-0.7673+3.1898i	-7.0593-2.5351i
76.0	-0.0067+2.5295i	-0.6103-3.7307i	-0.7310+2.9542i	-0.6316-1.9689i	-0.6101-3.3976i	-0.5697+3.3886i	-7.4155-2.3658i
76.1	0.0981+2.6027i	-0.7162-3.8717i	-0.8169+3.2051i	-0.6979-2.0422i	-0.7189-3.4868i	-0.6121+3.6804i	-7.5538-2.4017i
76.2	0.1628+2.4716i	-0.8817-3.6310i	-0.4129+3.1239i	-0.7656-1.9218i	-0.8126-3.2490i	-0.1782+3.6176i	-7.4032-2.3020i
76.3	0.4213+2.5229i	-1.2360-3.6654i	-0.2041+3.2483i	-0.9252-1.9119i	-1.1235-3.2835i	0.0892+3.7895i	-7.6648-2.2009i
76.4	0.5279+2.5578i	-1.3923-3.6667i	-0.1479+3.3098i	-0.9814-1.8943i	-1.2686-3.2793i	0.2105+3.8859i	-7.8498-2.1888i
76.5	0.5100+2.5607i	-1.3867-3.6250i	-0.0706+3.2763i	-0.9767-1.8647i	-1.2577-3.2457i	0.3224+3.9004i	-7.9126-2.4066i
76.6	0.5784+2.4116i	-1.4919-3.4318i	0.0833+3.3769i	-1.0309-1.7646i	-1.3496-3.0253i	0.5708+3.9728i	-7.9443-2.2364i
76.7	0.6348+2.3004i	-1.5429-3.2441i	0.3332+3.4726i	-1.0157-1.6441i	-1.3544-2.7947i	0.8535+4.0154i	-7.9001-2.0942i
76.8	0.6628+2.3598i	-1.6088-3.2009i	0.3379+3.4673i	-1.0701-1.5700i	-1.4100-2.7445i	0.9344+4.0027i	-8.1439-2.2547i
76.9	0.7629+2.3301i	-1.7078-3.1212i	0.4857+3.4659i	-1.0818-1.5202i	-1.4765-2.6676i	1.1715+4.0207i	-8.4083-2.1185i
77.0	0.7748+2.1092i	-1.7197-2.8411i	0.9339+3.3990i	-1.0468-1.4088i	-1.4108-2.3979i	1.6447+3.9619i	-8.2903-1.7805i
77.1	0.8229+2.1168i	-1.7484-2.8460i	1.0405+3.2574i	-1.0280-1.4159i	-1.4366-2.4359i	1.7853+3.8396i	-8.5569-1.8402i
77.2	0.8106+2.1025i	-1.7651-2.7351i	1.3404+3.0065i	-1.0403-1.3832i	-1.3747-2.3695i	2.1093+3.6118i	-8.6388-1.6185i
77.3	0.8039+2.1163i	-1.8136-2.7304i	1.5165+3.0713i	-1.0518-1.4303i	-1.3794-2.3442i	2.3648+3.7208i	-8.9431-1.6758i
77.4	0.8307+2.1245i	-1.8001-2.7205i	1.6524+2.9876i	-0.9852-1.4176i	-1.3357-2.3266i	2.5028+3.5706i	-8.9663-1.7153i
77.5	0.8249+2.1367i	-1.7777-2.6785i	1.7713+2.8132i	-0.9506-1.3984i	-1.2948-2.3282i	2.6383+3.3903i	-9.1029-1.6167i
77.6	0.8037+2.1194i	-1.7346-2.6030i	1.9383+2.7039i	-0.9234-1.4048i	-1.2250-2.2948i	2.8029+3.1936i	-9.0312-1.5317i
77.7	0.7615+2.1550i	-1.6356-2.5828i	2.0077+2.5519i	-0.8457-1.4491i	-1.0985-2.3048i	2.8330+2.9723i	-8.9273-1.6846i
77.8	0.8425+2.1796i	-1.7416-2.6119i	2.1382+2.2955i	-0.9304-1.4959i	-1.1767-2.3837i	2.9429+2.7613i	-9.2078-1.6290i
77.9	0.9682+2.1625i	-1.9171-2.5935i	2.2962+2.1848i	-1.0321-1.5023i	-1.2924-2.3869i	3.1772+2.6663i	-9.4277-1.5033i
78.0	1.0254+2.1691i	-2.0000-2.5134i	2.5799+2.1449i	-1.0838-1.4659i	-1.3240-2.3326i	3.4705+2.4889i	-9.5916-1.1979i
78.1	1.0675+2.2334i	-2.0296-2.5865i	2.4914+1.9580i	-1.1191-1.5308i	-1.3707-2.4406i	3.3889+2.3290i	-9.8276-1.2061i
78.2	1.0632+2.1909i	-1.9923-2.4761i	2.3910+1.7392i	-1.1147-1.4839i	-1.3407-2.3896i	3.3085+2.0958i	-9.7457-0.9898i
78.3	1.0047+2.1038i	-1.9023-2.3212i	2.5580+1.4689i	-1.0684-1.4129i	-1.2268-2.3024i	3.3923+1.7799i	-9.4805-0.8482i
78.4	1.1752+2.1406i	-2.0327-2.3119i	2.5677+1.3631i	-1.1662-1.3736i	-1.3764-2.3291i	3.3673+1.6287i	-9.7143-0.6178i
78.5	1.3092+2.1996i	-2.1785-2.3270i	2.5246+1.2236i	-1.2667-1.3833i	-1.5329-2.3793i	3.3367+1.4875i	-9.9670-0.4880i
78.6	1.4211+2.2348i	-2.2234-2.3429i	2.3802+0.8407i	-1.3254-1.4211i	-1.6313-2.4994i	3.1936+1.1795i	-10.1728-0.3946i
78.7	1.4666+2.2565i	-2.1970-2.3430i	2.5045+0.5399i	-1.2950-1.4484i	-1.5905-2.5844i	3.2937+0.9318i	-10.2214-0.2436i
78.8	1.5551+2.1134i	-2.2496-2.2106i	2.3689+0.2939i	-1.3461-1.4136i	-1.6635-2.5059i	3.1139+0.6663i	-10.0670+0.0981i
78.9	1.5565+1.9606i	-2.2523-2.0866i	2.0754+0.1733i	-1.3710-1.3748i	-1.7335-2.4034i	2.8285+0.5593i	-9.7652+0.1266i
79.0	1.4739+2.0251i	-2.2183-2.1743i	1.6464+0.4352i	-1.4530-1.3726i	-1.7604-2.4413i	2.4821+0.8816i	-9.8869-0.1557i
79.1	1.5237+2.1209i	-2.2553-2.1694i	1.5624+0.4868i	-1.5004-1.2557i	-1.8553-2.4434i	2.4734+0.9269i	-9.9455+0.1337i
79.2	1.5944+2.0846i	-2.2819-2.0838i	1.7591+0.3143i	-1.4712-1.2396i	-1.8624-2.4123i	2.6603+0.7846i	-10.0424+0.2759i
79.3	1.6986+2.1145i	-2.3133-2.0898i	1.7694+0.2989i	-1.4866-1.2522i	-1.9272-2.4600i	2.6743+0.7800i	-10.1822+0.2292i
79.4	1.8065+2.1849i	-2.3683-2.1856i	1.6821+0.0514i	-1.5479-1.2970i	-2.0497-2.5840i	2.6435+0.6568i	-10.3222+0.1540i
79.5	1.9151+2.0735i	-2.4427-2.0646i	1.6746-0.0411i	-1.5765-1.2108i	-2.1929-2.4514i	2.7058+0.4948i	-10.2838+0.5617i
79.6	2.0637+1.9715i	-2.5214-1.9583i	1.5919+0.0216i	-1.5560-1.1299i	-2.3016-2.3035i	2.6268+0.4988i	-10.3136+0.7840i
79.7	2.0840+1.9183i	-2.4952-1.9313i	1.4291+0.0859i	-1.5315-1.1108i	-2.2946-2.2428i	2.4819+0.5812i	-10.1482+0.8343i
79.8	2.1639+1.8909i	-2.5684-1.9325i	1.4636+0.0023i	-1.5800-1.1158i	-2.3720-2.2506i	2.5345+0.5227i	-10.4341+0.8737i
79.9	2.2265+1.8275i	-2.6502-1.8741i	1.4196-0.1170i	-1.6305-1.0554i	-2.4731-2.1825i	2.5258+0.4205i	-10.5387+1.2052i
80.0	2.2290+1.6854i	-2.6331-1.7698i	1.3314-0.1028i	-1.6280-0.9784i	-2.4893-2.0587i	2.4700+0.4301i	-10.2664+1.4316i

2.1.25 Run 3 – IP315 – Accels 1–8

In-plane shaking at 315°. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	23.0398+0.0000i	-3.7572+0.0000i	14.8399+0.0000i	35.4372+0.0000i	-2.1195+0.0000i	16.6607+0.0000i	10.2921+0.0000i	16.1096+0.0000i
0.1	22.6064+1.1201i	-3.3476-0.4444i	15.0826-0.4600i	35.6072+0.2055i	-2.1476-0.0134i	16.4732+0.0559i	10.1254-0.1289i	15.6706+0.6425i
0.2	-3.3853+0.9241i	0.2652+1.7105i	-0.4167-0.0319i	0.2148+3.4677i	-0.4709-0.0958i	0.0477-0.4762i	0.5415-0.5187i	-1.9209-0.8940i
0.3	-0.2833+0.5548i	0.0392+0.0496i	-0.4094-0.1754i	0.0644+0.1803i	-0.0607+0.0358i	-0.0770-0.1070i	0.0529-0.0076i	-0.3532+0.0710i
0.4	0.0868+0.0755i	0.0243+0.0592i	0.0461-0.1227i	0.1003-0.1183i	-0.0423-0.0007i	-0.0179-0.0071i	-0.0016+0.0053i	-0.0475-0.0400i
0.5	0.1135+0.0708i	0.0820+0.0583i	0.0229-0.0382i	-0.0106+0.0056i	-0.0150-0.0049i	-0.0296+0.0020i	-0.0035+0.0011i	-0.0043+0.0076i
0.6	0.0946+0.0360i	0.0896+0.0362i	-0.0122-0.0270i	-0.0013+0.0015i	-0.0275-0.0059i	-0.0553-0.0066i	0.0038+0.0001i	-0.0308-0.0002i
0.7	0.1254+0.0115i	0.1186+0.0120i	-0.0067-0.0225i	0.0011-0.0056i	-0.0367-0.0058i	-0.0632-0.0101i	0.0007+0.0020i	-0.0459-0.0104i
0.8	0.1549+0.0179i	0.1498+0.0195i	-0.0111-0.0178i	-0.0099-0.0043i	-0.0406-0.0061i	-0.0801-0.0083i	0.0001+0.0016i	-0.0528-0.0124i
0.9	0.1954+0.0200i	0.1846+0.0145i	-0.0111-0.0031i	-0.0101-0.0056i	-0.0517-0.0071i	-0.1021-0.0023i	-0.0018+0.0015i	-0.0674-0.0143i
1.0	0.2125+0.0105i	0.1993+0.0241i	-0.0114+0.0029i	-0.0187+0.0089i	-0.0636-0.0095i	-0.1088+0.0036i	-0.0013-0.0009i	-0.0806-0.0191i
1.1	0.2884-0.0366i	0.2767-0.0175i	-0.0534+0.0193i	-0.0471+0.0117i	-0.0968+0.0005i	-0.1874+0.0587i	0.0023+0.0013i	-0.1021-0.0378i
1.2	0.3933-0.0090i	0.3904-0.0171i	-0.0444+0.0281i	-0.0119+0.0017i	-0.1243-0.0107i	-0.2311+0.0530i	-0.0055+0.0028i	-0.1598-0.0449i
1.3	0.5246-0.0052i	0.5308-0.0130i	-0.0673+0.0358i	-0.0117-0.0010i	-0.1621-0.0143i	-0.3108+0.0780i	-0.0081+0.0010i	-0.2331-0.0873i
1.4	0.6787-0.0026i	0.6778-0.0080i	-0.1305+0.0463i	-0.0289+0.0030i	-0.2039-0.0200i	-0.3790+0.0640i	-0.0097-0.0008i	-0.4195-0.0499i
1.5	0.8665-0.1125i	0.8713-0.1105i	-0.2007+0.1228i	-0.0220+0.0041i	-0.2436-0.0050i	-0.5736+0.0737i	-0.0120+0.0002i	-0.4207+0.2210i
1.6	0.9881-0.2644i	1.0036-0.2598i	-0.2425+0.2491i	-0.0146-0.0005i	-0.2734-0.0099i	-0.8053+0.2387i	-0.0147-0.0000i	-0.1938+0.2865i
1.7	1.0637-0.5401i	1.0851-0.5390i	-0.1842+0.5029i	-0.0153-0.0058i	-0.3460-0.0260i	-0.8688+0.6720i	-0.0199-0.0004i	-0.1276+0.1530i
1.8	0.9721-1.0578i	0.9917-1.0500i	0.1306+0.9431i	-0.0257-0.0021i	-0.4991-0.0424i	-0.5811+1.4052i	-0.0280-0.0015i	-0.2532-0.0282i
1.9	0.5978-1.1261i	0.6222-1.1183i	0.7707+1.0259i	-0.0354+0.0025i	-0.7195-0.0465i	0.1538+1.5459i	-0.0378-0.0003i	-0.5304-0.1506i
2.0	0.5329-0.9339i	0.5598-0.9306i	1.3508+0.8654i	-0.0553+0.0014i	-1.0761-0.0298i	0.6104+1.2960i	-0.0533+0.0002i	-0.9584-0.1693i
2.1	0.9219-0.7601i	0.9436-0.7608i	2.0674+0.5660i	-0.1023+0.0137i	-1.7788+0.1114i	0.7844+0.9633i	-0.0836+0.0056i	-1.7098-0.0255i
2.2	1.7003-0.8480i	1.7103-0.8528i	3.0288+0.2046i	-0.1711+0.0328i	-2.8768+0.4465i	0.7886+0.7927i	-0.1321+0.0182i	-2.8143+0.3112i
2.3	1.1292-1.1792i	1.1497-1.1687i	2.3676-0.5754i	-0.1294+0.0724i	-2.0467+1.1519i	0.8470+0.5710i	-0.0999+0.0490i	-2.0312+1.0367i
2.4	-2.1223-0.8017i	-2.0110-0.7689i	-1.9086-0.4171i	0.1583+0.0215i	2.8372+0.6698i	0.7731+0.4246i	0.1054+0.0327i	2.7724+0.5964i
2.5	-1.3720-0.5463i	-1.2710-0.5252i	-1.1153-0.2201i	0.1008+0.0134i	1.8683+0.4222i	0.7045+0.3337i	0.0621+0.0208i	1.8229+0.3641i
2.6	-0.9656-0.3720i	-0.8668-0.3586i	-0.7056-0.0664i	0.0692+0.0061i	1.3668+0.2353i	0.6691+0.2842i	0.0392+0.0125i	1.3288+0.1860i
2.7	-0.7373-0.2680i	-0.6352-0.2576i	-0.4991+0.0088i	0.0522+0.0024i	1.1109+0.1355i	0.6415+0.2481i	0.0268+0.0081i	1.0769+0.0911i
2.8	-0.5815-0.2236i	-0.4741-0.2148i	-0.3876+0.0326i	0.0401+0.0009i	0.9608+0.0995i	0.6114+0.2289i	0.0188+0.0064i	0.9319+0.0576i
2.9	-0.4420-0.2037i	-0.3295-0.1945i	-0.2965+0.0381i	0.0302+0.0049i	0.8426+0.0867i	0.5848+0.2107i	0.0113+0.0055i	0.8178+0.0474i
3.0	-0.3076-0.1585i	-0.1881-0.1498i	-0.2127+0.0405i	0.0241+0.0034i	0.7377+0.0653i	0.5646+0.1788i	0.0040+0.0043i	0.7159+0.0309i
3.1	-0.2201-0.1528i	-0.0917-0.1484i	-0.1581+0.0452i	0.0207+0.0040i	0.6785+0.0621i	0.5612+0.1733i	-0.0010+0.0047i	0.6557+0.0283i
3.2	-0.1316-0.1349i	0.0058-0.1302i	-0.1148+0.0383i	0.0159+0.0059i	0.6320+0.0552i	0.5512+0.1541i	-0.0062+0.0044i	0.6105+0.0266i
3.3	-0.0527-0.1328i	0.0909-0.1286i	-0.0785+0.0445i	0.0124+0.0040i	0.5922+0.0492i	0.5430+0.1551i	-0.0104+0.0041i	0.5731+0.0193i
3.4	0.0174-0.1118i	0.1673-0.1073i	-0.0595+0.0473i	0.0126+0.0048i	0.5666+0.0409i	0.5274+0.1432i	-0.0145+0.0030i	0.5522+0.0137i
3.5	0.1038-0.1017i	0.2635-0.0987i	-0.0321+0.0357i	0.0077+0.0082i	0.5343+0.0399i	0.5142+0.1223i	-0.0199+0.0029i	0.5237+0.0174i
3.6	0.1770-0.0952i	0.3471-0.0925i	-0.0108+0.0345i	0.0031+0.0087i	0.5108+0.0375i	0.5077+0.1190i	-0.0239+0.0023i	0.5029+0.0155i
3.7	0.2510-0.0703i	0.4320-0.0665i	0.0090+0.0261i	-0.0040+0.0082i	0.4888+0.0354i	0.5020+0.0984i	-0.0290+0.0018i	0.4837+0.0179i
3.8	0.3227-0.0845i	0.5128-0.0832i	0.0345+0.0364i	-0.0045+0.0114i	0.4698+0.0359i	0.4999+0.1095i	-0.0341+0.0026i	0.4670+0.0160i
3.9	0.3874-0.0975i	0.5865-0.0981i	0.0495+0.0522i	-0.0068+0.0149i	0.4579+0.0332i	0.4899+0.1258i	-0.0392+0.0032i	0.4591+0.0095i
4.0	0.4593-0.0841i	0.6717-0.0839i	0.0699+0.0443i	-0.0140+0.0133i	0.4428+0.0312i	0.4896+0.1104i	-0.0447+0.0030i	0.4489+0.0122i
4.1	0.5298-0.0625i	0.7513-0.0627i	0.0926+0.0283i	-0.0199+0.0131i	0.4288+0.0313i	0.4889+0.0875i	-0.0498+0.0021i	0.4392+0.0176i
4.2	0.6074-0.0569i	0.8382-0.0560i	0.1105+0.0194i	-0.0229+0.0180i	0.4171+0.0341i	0.4796+0.0781i	-0.0560+0.0025i	0.4321+0.0214i
4.3	0.6918-0.0487i	0.9401-0.0493i	0.1343+0.0143i	-0.0320+0.0157i	0.4066+0.0347i	0.4805+0.0729i	-0.0632+0.0025i	0.4237+0.0243i
4.4	0.7675-0.0559i	1.0302-0.0555i	0.1467+0.0182i	-0.0363+0.0193i	0.3994+0.0383i	0.4761+0.0754i	-0.0706+0.0042i	0.4233+0.0269i
4.5	0.8374-0.0380i	1.1124-0.0353i	0.1470+0.0109i	-0.0419+0.0225i	0.3960+0.0371i	0.4609+0.0619i	-0.0775+0.0028i	0.4292+0.0291i
4.6	0.9207-0.0349i	1.2062-0.0335i	0.1539+0.0166i	-0.0485+0.0297i	0.3910+0.0321i	0.4486+0.0611i	-0.0850+0.0027i	0.4314+0.0245i
4.7	1.0171-0.0480i	1.3176-0.0483i	0.1764+0.0149i	-0.0554+0.0321i	0.3822+0.0338i	0.4434+0.0615i	-0.0955+0.0044i	0.4302+0.0250i
4.8	1.1137-0.0557i	1.4266-0.0543i	0.1973+0.0106i	-0.0577+0.0395i	0.3673+0.0395i	0.4319+0.0618i	-0.1040+0.0057i	0.4242+0.0310i
4.9	1.2146-0.0529i	1.5423-0.0517i	0.2228+0.0129i	-0.0609+0.0412i	0.3568+0.0403i	0.4270+0.0639i	-0.1160+0.0059i	0.4222+0.0328i
5.0	1.3044-0.0524i	1.6504-0.0490i	0.2387+0.0199i	-0.0754+0.0487i	0.3498+0.0421i	0.4174+0.0706i	-0.1283+0.0063i	0.4239+0.0323i
5.1	1.4029-0.0782i	1.7677-0.0768i	0.2645+0.0246i	-0.0825+0.0612i	0.3410+0.0463i	0.4096+0.0792i	-0.1410+0.0091i	0.4258+0.0323i
5.2	1.5092-0.0807i	1.8880-0.0775i	0.2945+0.0197i	-0.0837+0.0744i	0.3360+0.0508i	0.4095+0.0816i	-0.1554+0.0105i	0.4314+0.0385i
5.3	1.6155-0.0897i	2.0094-0.0832i	0.3288+0.0256i	-0.0993+0.0941i	0.3266+0.0587i	0.4132+0.0973i	-0.1723+0.0136i	0.4326+0.0441i
5.4	1.7054-0.1046i	2.1225-0.0966i	0.3579+0.0244i	-0.1045+0.1079i	0.3220+0.0717i	0.4105+0.1040i	-0.1908+0.0220i	0.4406+0.0500i
5.5	1.7989-0.1187i	2.2353-0.1177i	0.3844+0.0044i	-0.1083+0.1158i	0.3215+0.0824i	0.4037+0.0945i	-0.2088+0.0288i	0.4519+0.0560i
5.6	1.8993-0.1290i	2.3502-0.1327i	0.4208-0.0133i	-0.1074+0.1250i	0.3173+0.0897i	0.4059+0.0916i	-0.2287+0.0317i	0.4609+0.0620i

5.7	2.0018-0.1252i	2.4784-0.1257i	0.4785-0.0235i	-0.1163+0.1489i	0.3145+0.0952i	0.4274+0.0887i	-0.2529+0.0373i	0.4726+0.0664i
5.8	2.0785-0.1621i	2.5731-0.1652i	0.5154-0.0448i	-0.1225+0.1765i	0.3163+0.1110i	0.4455+0.0930i	-0.2751+0.0525i	0.4829+0.0709i
5.9	2.1559-0.1854i	2.6654-0.1912i	0.5329-0.0740i	-0.1111+0.1762i	0.3349+0.1284i	0.4498+0.0975i	-0.2946+0.0624i	0.5087+0.0803i
6.0	2.2619-0.1751i	2.7899-0.1814i	0.5499-0.0818i	-0.0983+0.1753i	0.3572+0.1233i	0.4494+0.0858i	-0.3166+0.0632i	0.5424+0.0771i
6.1	2.3850-0.1602i	2.9372-0.1680i	0.5721-0.0819i	-0.1094+0.1781i	0.3680+0.1115i	0.4431+0.0731i	-0.3507+0.0651i	0.5702+0.0679i
6.2	2.5197-0.1350i	3.1008-0.1491i	0.6354-0.0773i	-0.1280+0.1778i	0.3634+0.1024i	0.4448+0.0637i	-0.3983+0.0691i	0.5889+0.0595i
6.3	2.6886-0.1249i	3.2889-0.1476i	0.7082-0.0826i	-0.1581+0.1713i	0.3541+0.0955i	0.4353+0.0649i	-0.4630+0.0791i	0.6088+0.0489i
6.4	2.8769-0.1378i	3.5030-0.1579i	0.8124-0.1295i	-0.2075+0.1692i	0.3429+0.1037i	0.4380+0.0492i	-0.5512+0.1032i	0.6387+0.0537i
6.5	3.0224-0.1589i	3.6695-0.1857i	0.8978-0.1599i	-0.2681+0.2019i	0.3343+0.1085i	0.4384+0.0472i	-0.6273+0.1343i	0.6667+0.0503i
6.6	3.2470-0.1809i	3.9216-0.2124i	1.0175-0.2107i	-0.3696+0.2548i	0.3323+0.1144i	0.4334+0.0425i	-0.7644+0.1963i	0.7254+0.0351i
6.7	3.4347-0.2467i	4.1377-0.2917i	1.1259-0.2973i	-0.4635+0.3256i	0.3436+0.1250i	0.4327+0.0433i	-0.8961+0.3010i	0.7924+0.0054i
6.8	3.6503-0.3184i	4.3904-0.3687i	1.2695-0.4006i	-0.6161+0.4179i	0.3494+0.1293i	0.4281+0.0448i	-1.0830+0.4263i	0.8743-0.0346i
6.9	3.9189-0.5256i	4.6926-0.5938i	1.4671-0.6738i	-0.7984+0.6947i	0.3565+0.1526i	0.4237+0.0427i	-1.3346+0.7737i	0.9822-0.1348i
7.0	4.2461-0.9145i	5.0579-1.0279i	1.7518-1.2002i	-1.0436+1.3141i	0.3694+0.1689i	0.4198+0.0481i	-1.6918+1.5333i	1.1349-0.3762i
7.1	4.0945-1.4245i	4.8962-1.5911i	1.3855-1.9038i	-0.5324+2.1366i	0.4117+0.1604i	0.4188+0.0465i	-1.1228+2.5577i	1.0028-0.7321i
7.2	3.5372-1.5545i	4.2923-1.7280i	0.4050-2.1447i	0.6856+2.4152i	0.4447+0.1096i	0.4079+0.0352i	0.3483+2.9440i	0.5666-0.9115i
7.3	3.3855-1.2388i	4.1295-1.3802i	-0.0497-1.7221i	1.3354+1.8439i	0.4008+0.0770i	0.3950+0.0388i	1.1422+2.2966i	0.2926-0.7423i
7.4	3.3620-0.9854i	4.1000-1.1007i	-0.2839-1.3156i	1.6288+1.2586i	0.3826+0.0845i	0.4055+0.0510i	1.5254+1.6034i	0.1548-0.5308i
7.5	3.5477-0.5950i	4.3108-0.6791i	-0.2290-0.8023i	1.6158+0.6200i	0.3688+0.0840i	0.4142+0.0469i	1.5203+0.8160i	0.1550-0.2709i
7.6	3.8768-0.4147i	4.6761-0.4815i	0.0228-0.5851i	1.4136+0.3615i	0.3565+0.0890i	0.4140+0.0440i	1.2550+0.4889i	0.2619-0.1607i
7.7	4.2348-0.4150i	5.0653-0.4897i	0.2629-0.5822i	1.2235+0.2954i	0.3458+0.1001i	0.4073+0.0397i	1.0156+0.4067i	0.3673-0.1415i
7.8	4.5798-0.5287i	5.4300-0.5810i	0.4289-0.6986i	1.1223+0.2638i	0.3523+0.1286i	0.4036+0.0348i	0.8630+0.3892i	0.4564-0.1432i
7.9	4.7385-0.6660i	5.6030-0.6825i	0.4378-0.7817i	1.1181+0.2548i	0.3641+0.1466i	0.3986+0.0378i	0.8448+0.3903i	0.4829-0.1559i
8.0	4.9166-0.7451i	5.8458-0.7199i	0.4676-0.7963i	1.1170+0.1642i	0.3745+0.1488i	0.3922+0.0386i	0.8394+0.3205i	0.5144-0.1551i
8.1	5.0814-0.7188i	6.1088-0.7203i	0.5286-0.8430i	1.1276+0.1084i	0.3822+0.1649i	0.3916+0.0425i	0.8189+0.2706i	0.5520-0.1530i
8.2	5.3045-0.7162i	6.3415-0.7413i	0.5706-0.8673i	1.1545+0.0574i	0.3885+0.1745i	0.3919+0.0390i	0.8109+0.2211i	0.5812-0.1462i
8.3	5.6812-0.8374i	6.7145-0.8024i	0.7079-0.8755i	1.1739+0.0104i	0.3896+0.1759i	0.3847+0.0353i	0.7761+0.1680i	0.6558-0.1530i
8.4	5.9118-0.9877i	7.0134-0.9077i	0.8602-0.9181i	1.1911-0.0355i	0.3874+0.1696i	0.3808+0.0380i	0.7545+0.1464i	0.7173-0.1807i
8.5	6.1979-1.0786i	7.4013-1.0128i	1.0398-1.0504i	1.2245-0.1184i	0.4038+0.1779i	0.3691+0.0428i	0.7179+0.1143i	0.8205-0.2195i
8.6	6.4124-1.2066i	7.7132-1.1431i	1.1967-1.1976i	1.2826-0.1765i	0.4180+0.1793i	0.3621+0.0448i	0.6971+0.1015i	0.9069-0.2853i
8.7	6.6953-1.3761i	8.0927-1.3810i	1.3699-1.4549i	1.3514-0.2522i	0.4219+0.1656i	0.3539+0.0566i	0.7065+0.0827i	0.9975-0.4139i
8.8	7.0115-1.5429i	8.4567-1.6032i	1.5457-1.7391i	1.4350-0.3573i	0.4158+0.1750i	0.3440+0.0627i	0.7142+0.0423i	1.0722-0.5221i
8.9	7.4694-2.0182i	8.9539-2.1459i	1.7445-2.3803i	1.5113-0.5947i	0.4113+0.1879i	0.3361+0.0797i	0.7228-0.0180i	1.1656-0.7823i
9.0	7.6484-2.6661i	9.1545-2.8629i	1.6658-3.1573i	1.4866-0.8827i	0.4265+0.1926i	0.3343+0.1203i	0.7142-0.0644i	1.1588-1.1046i
9.1	7.5919-3.0401i	9.0724-3.2900i	1.2431-3.6959i	1.4162-1.1278i	0.4335+0.1922i	0.3464+0.1445i	0.7234-0.1195i	0.9898-1.3320i
9.2	7.9651-3.4804i	9.4526-3.7433i	1.3476-4.2064i	1.5043-1.3837i	0.4291+0.2303i	0.3456+0.1635i	0.7497-0.2349i	1.0360-1.4902i
9.3	7.1426-4.9016i	8.5820-5.2667i	-0.0513-5.8769i	1.0026-2.0713i	0.5095+0.2779i	0.4036+0.2053i	0.5918-0.4093i	0.5801-2.1241i
9.4	5.4017-5.0071i	6.7407-5.3572i	-2.6130-5.9501i	0.0587-2.1963i	0.5977+0.2388i	0.4789+0.1825i	0.3713-0.4425i	-0.3425-2.1843i
9.5	4.7193-3.9901i	6.0254-4.2464i	-3.8052-4.6072i	-0.4214-1.7456i	0.6226+0.1726i	0.4879+0.1382i	0.2577-0.3587i	-0.7596-1.7299i
9.6	4.6591-2.7101i	5.9802-2.8621i	-4.3632-2.9430i	-0.6558-1.1862i	0.6056+0.1047i	0.4854+0.0886i	0.1883-0.2505i	-0.9634-1.1707i
9.7	5.2051-2.0332i	6.5339-2.1155i	-4.2296-1.9299i	-0.6041-0.8652i	0.5669+0.0833i	0.4663+0.0666i	0.1811-0.1856i	-0.9134-0.8500i
9.8	5.8301-1.6949i	7.1940-1.6819i	-4.0306-1.1217i	-0.5167-0.6269i	0.5372+0.0830i	0.4425+0.0628i	0.1759-0.1368i	-0.8324-0.6153i
9.9	6.4506-1.6515i	7.8643-1.5059i	-3.7020-0.4108i	-0.4144-0.4973i	0.5206+0.0961i	0.4270+0.0727i	0.1814-0.1101i	-0.7251-0.4701i
10.0	6.7730-1.8066i	8.2882-1.5479i	-3.2026+0.0491i	-0.2780-0.4231i	0.5152+0.1094i	0.4174+0.0694i	0.1988-0.0864i	-0.6468-0.3804i
10.1	6.8699-2.0629i	8.6292-1.7113i	-2.5070+0.1393i	-0.2002-0.4268i	0.5351+0.1175i	0.4031+0.0664i	0.2192-0.0919i	-0.5788-0.3175i
10.2	6.9070-1.9871i	8.9050-1.6737i	-2.1244+0.0633i	-0.2323-0.4099i	0.5549+0.1057i	0.3992+0.0706i	0.2176-0.1052i	-0.5219-0.2696i
10.3	7.0557-1.6428i	9.2375-1.3995i	-1.9196-0.0847i	-0.2443-0.4145i	0.5705+0.0951i	0.3935+0.0897i	0.1988-0.1125i	-0.4785-0.2063i
10.4	7.2422-1.3633i	9.5469-1.2065i	-1.8440-0.1662i	-0.2691-0.3683i	0.5678+0.0829i	0.3799+0.1039i	0.1781-0.1140i	-0.4514-0.1597i
10.5	7.5963-1.2270i	9.9602-1.1219i	-1.8366-0.1810i	-0.2576-0.3099i	0.5620+0.0708i	0.3834+0.1185i	0.1633-0.0965i	-0.4153-0.1210i
10.6	7.9752-1.1145i	10.3891-1.0328i	-1.8201-0.1682i	-0.2489-0.2591i	0.5562+0.0590i	0.3959+0.1248i	0.1520-0.0787i	-0.3826-0.0977i
10.7	8.4532-1.0061i	10.9590-0.9468i	-1.7959-0.1068i	-0.2419-0.1951i	0.5523+0.0525i	0.4132+0.1390i	0.1457-0.0629i	-0.3340-0.0587i
10.8	8.7454-0.9066i	11.3399-0.8951i	-1.8159-0.0732i	-0.2211-0.1602i	0.5472+0.0502i	0.4221+0.1408i	0.1481-0.0543i	-0.2981-0.0405i
10.9	9.2556-0.7082i	11.9190-0.7987i	-1.7558-0.0523i	-0.1761-0.1331i	0.5416+0.0499i	0.4336+0.1374i	0.1504-0.0487i	-0.2583-0.0270i
11.0	9.7189-0.6720i	12.4071-0.7727i	-1.7201-0.0545i	-0.1669-0.1058i	0.5426+0.0471i	0.4417+0.1373i	0.1508-0.0455i	-0.2317-0.0154i
11.1	10.2184-0.7273i	13.0306-0.8178i	-1.7167-0.0440i	-0.1274-0.0773i	0.5402+0.0459i	0.4490+0.1356i	0.1483-0.0437i	-0.2022-0.0024i
11.2	10.4839-0.6371i	13.3905-0.7346i	-1.6981-0.0140i	-0.1057-0.0500i	0.5419+0.0454i	0.4574+0.1282i	0.1448-0.0413i	-0.1801+0.0014i
11.3	11.0885-0.5514i	14.1084-0.6974i	-1.7217-0.0208i	-0.0859-0.0569i	0.5423+0.0455i	0.4629+0.1222i	0.1381-0.0384i	-0.1575+0.0054i
11.4	11.4967-0.5377i	14.6004-0.7182i	-1.7555-0.0402i	-0.0834-0.0549i	0.5370+0.0428i	0.4632+0.1215i	0.1353-0.0357i	-0.1482+0.0074i
11.5	11.8973-0.3839i	15.1223-0.6143i	-1.7941+0.0377i	-0.0721-0.0333i	0.5342+0.0471i	0.4633+0.1200i	0.1349-0.0324i	-0.1347+0.0164i
11.6	12.4107-0.2280i	15.7439-0.5499i	-1.7932+0.0388i	-0.0651-0.0116i	0.5359+0.0468i	0.4599+0.1111i	0.1344-0.0317i	-0.1221+0.0188i
11.7	13.2821-0.1030i	16.6320-0.5189i	-1.8655+0.0805i	-0.0467-0.0027i	0.5375+0.0510i	0.4545+0.1099i	0.1312-0.0295i	-0.1102+0.0244i
11.8	13.9790+0.0112i	17.3616-0.4524i	-1.8935+0.0695i	-0.0095+0.0106i	0.5402+0.0503i	0.4528+0.1107i	0.1313-0.0305i	-0.1048+0.0285i
11.9	14.7579-0.1427i	18.1775-0.6636i	-1.8804+0.0663i	0.0086+0.0174i	0.5477+0.0509i	0.4509+0.1125i	0.1288-0.0351i	-0.0999+0.0388i

12.0	15.7126-0.3491i	19.2112-0.8281i	-1.9794+0.0633i	0.0283+0.0272i	0.5487+0.0503i	0.4440+0.1123i	0.1267-0.0349i	-0.0952+0.0477i
12.1	16.3414-0.3063i	19.9517-0.7492i	-2.1021+0.0690i	0.0539+0.0234i	0.5499+0.0531i	0.4335+0.1166i	0.1231-0.0411i	-0.0979+0.0607i
12.2	16.9951-0.3320i	20.6557-0.8109i	-2.1767+0.0756i	0.0710+0.0141i	0.5536+0.0555i	0.4269+0.1230i	0.1185-0.0480i	-0.0959+0.0727i
12.3	17.8999-0.6751i	21.6165-1.1234i	-2.2767+0.0984i	0.0760+0.0045i	0.5568+0.0593i	0.4171+0.1353i	0.1068-0.0539i	-0.0928+0.0909i
12.4	18.7578-0.9180i	22.6178-1.3052i	-2.4229+0.1515i	0.0774+0.0192i	0.5600+0.0565i	0.4078+0.1471i	0.0887-0.0593i	-0.0978+0.1132i
12.5	19.5572-1.0115i	23.5984-1.3962i	-2.6405+0.2570i	0.0730+0.0293i	0.5614+0.0589i	0.3996+0.1760i	0.0648-0.0603i	-0.0956+0.1576i
12.6	20.3009-1.2048i	24.4727-1.5635i	-2.7789+0.3476i	0.0670+0.0393i	0.5650+0.0598i	0.3955+0.2046i	0.0453-0.0568i	-0.0923+0.2043i
12.7	21.1911-1.5212i	25.5405-1.8737i	-2.9477+0.5500i	0.0775+0.0480i	0.5679+0.0654i	0.4006+0.2434i	0.0258-0.0486i	-0.0832+0.2595i
12.8	22.0474-1.9311i	26.5871-2.3339i	-3.0688+0.8119i	0.0676+0.0483i	0.5705+0.0718i	0.4296+0.2820i	0.0089-0.0289i	-0.0242+0.3230i
12.9	22.5866-2.2324i	27.2833-2.6673i	-3.1284+0.9182i	0.0759+0.0709i	0.5737+0.0748i	0.4569+0.3030i	-0.0006-0.0171i	0.0330+0.3486i
13.0	23.7742-2.5257i	28.6970-2.9541i	-3.0553+0.9899i	0.1022+0.0890i	0.5878+0.0825i	0.5188+0.3169i	-0.0040+0.0069i	0.1420+0.3557i
13.1	24.6155-2.5972i	29.7091-2.9975i	-3.1562+1.1632i	0.1064+0.1192i	0.5938+0.0842i	0.5564+0.3171i	-0.0096+0.0227i	0.2101+0.3532i
13.2	25.4922-2.8482i	30.7813-3.3145i	-3.3487+1.1180i	0.1054+0.1445i	0.6021+0.0836i	0.5928+0.3061i	-0.0215+0.0324i	0.2676+0.3329i
13.3	26.7451-2.9300i	32.2851-3.4315i	-3.5500+1.2141i	0.1265+0.1566i	0.6155+0.0888i	0.6209+0.2902i	-0.0255+0.0498i	0.3215+0.2985i
13.4	27.7869-3.0474i	33.5932-3.5294i	-3.7729+1.2491i	0.1449+0.1650i	0.6275+0.0927i	0.6350+0.2747i	-0.0301+0.0552i	0.3535+0.2589i
13.5	28.9175-3.4338i	34.9912-3.9750i	-4.1015+1.3306i	0.1206+0.1792i	0.6397+0.0899i	0.6537+0.2674i	-0.0381+0.0739i	0.3644+0.2276i
13.6	30.5069-4.0020i	36.9031-4.6142i	-4.6455+1.4971i	0.1242+0.1992i	0.6528+0.0943i	0.6862+0.2552i	-0.0464+0.0954i	0.3681+0.1997i
13.7	32.3479-4.1814i	39.0601-4.8726i	-5.1827+1.7884i	0.1721+0.2389i	0.6640+0.0985i	0.7125+0.2368i	-0.0501+0.1133i	0.3672+0.1865i
13.8	34.0529-4.6575i	41.1087-5.4052i	-5.9177+2.0068i	0.1635+0.3147i	0.6836+0.0906i	0.7314+0.2055i	-0.0610+0.1370i	0.3737+0.1823i
13.9	35.4425-5.1310i	42.8308-5.9582i	-6.4674+2.4237i	0.1737+0.3631i	0.6990+0.0862i	0.7381+0.1798i	-0.0699+0.1642i	0.3857+0.1832i
14.0	37.7256-5.8252i	45.5749-6.7468i	-7.2046+3.1683i	0.2001+0.4433i	0.7173+0.0794i	0.7358+0.1455i	-0.0821+0.2079i	0.4040+0.1872i
14.1	39.9188-6.3600i	48.1322-7.3924i	-7.9455+4.0414i	0.2504+0.5386i	0.7261+0.0825i	0.7386+0.1352i	-0.0910+0.2626i	0.4212+0.1991i
14.2	42.1976-7.5566i	50.9323-8.7888i	-8.3382+5.0976i	0.2976+0.6254i	0.7376+0.0816i	0.7308+0.1182i	-0.0669+0.3231i	0.4511+0.2107i
14.3	44.4762-8.9294i	53.7151-10.3988i	-8.7905+6.0719i	0.3885+0.7104i	0.7442+0.0707i	0.7199+0.1016i	-0.0164+0.3651i	0.4931+0.2180i
14.4	47.0358-10.0005i	56.8016-11.7367i	-9.3651+7.1005i	0.5104+0.7601i	0.7573+0.0662i	0.7144+0.0896i	0.0353+0.4061i	0.5297+0.2216i
14.5	50.4636-11.6922i	60.9161-13.7437i	-10.1325+8.8031i	0.6617+0.9063i	0.7754+0.0649i	0.7088+0.0876i	0.0866+0.4584i	0.5813+0.2204i
14.6	53.6631-13.8085i	64.7161-16.1869i	-10.9260+11.0228i	0.8143+1.0449i	0.7834+0.0583i	0.7098+0.0941i	0.1356+0.5162i	0.6351+0.2257i
14.7	55.8740-16.1153i	67.4084-18.8841i	-10.2248+13.0711i	1.0360+1.0546i	0.7864+0.0633i	0.6985+0.0953i	0.2607+0.5532i	0.6875+0.2162i
14.8	58.4352-19.0334i	70.4895-22.3570i	-8.7537+14.3099i	1.3604+0.9867i	0.8133+0.0641i	0.7020+0.0857i	0.4483+0.5521i	0.7681+0.1797i
14.9	60.6192-21.1058i	73.1273-24.7977i	-8.3380+14.0258i	1.5853+0.8842i	0.8317+0.0531i	0.7061+0.0681i	0.5674+0.4633i	0.8212+0.1233i
15.0	64.8460-22.4061i	78.2481-26.3396i	-9.3473+14.2196i	1.7931+0.7659i	0.8487+0.0610i	0.6772+0.0717i	0.6652+0.3202i	0.8706+0.0797i
15.1	71.4338-24.1873i	86.1860-28.4986i	-12.2196+14.9178i	2.0143+0.6353i	0.8593+0.0719i	0.6622+0.0964i	0.7304+0.1703i	0.9090+0.0274i
15.2	79.2084-29.1064i	95.5818-34.3592i	-16.5593+17.2367i	2.1737+0.4727i	0.8839+0.0744i	0.6683+0.1015i	0.7633+0.0145i	0.9487-0.0384i
15.3	87.0646-35.8529i	105.0027-42.3441i	-21.1500+21.6339i	2.4877+0.3390i	0.8989+0.0939i	0.6759+0.1179i	0.7751-0.0856i	0.9816-0.0886i
15.4	93.8088-46.9575i	113.1520-55.5126i	-26.2289+30.2491i	2.7192+0.1584i	0.9246+0.1071i	0.6773+0.1215i	0.7477-0.2027i	1.0013-0.1454i
15.5	101.1698-64.6429i	122.0777-76.5888i	-29.4341+45.2364i	2.9895-0.1881i	0.9840+0.1117i	0.6865+0.1374i	0.7265-0.3881i	1.0465-0.2131i
15.6	107.9250-90.4713i	130.2672-107.4120i	-30.3635+68.2009i	3.6069-0.8477i	1.0236+0.1273i	0.6924+0.1809i	0.6920-0.6419i	1.0877-0.3057i
15.7	100.5415-115.4154i	121.5636-137.2427i	-17.5568+89.4629i	3.7256-1.6248i	1.0797+0.1332i	0.7362+0.2008i	0.4985-0.8177i	1.1029-0.3972i
15.8	66.3731-141.6758i	81.1476-168.9904i	23.8265+108.0409i	3.0191-2.8895i	1.1718+0.0664i	0.7958+0.1936i	0.0606-0.9346i	1.0760-0.5156i
15.9	29.1692-143.6319i	36.8451-171.4641i	67.2230+105.1517i	2.0979-3.4247i	1.2239+0.0681i	0.8400+0.1804i	-0.2930-0.7483i	1.0200-0.5822i
16.0	7.2038-129.4921i	10.4359-154.7430i	96.5097+82.4493i	1.2827-3.3006i	1.2804+0.0381i	0.8687+0.1448i	-0.4489-0.4859i	0.9629-0.6094i
16.1	-0.3694-112.0404i	1.2804-134.0291i	115.3376+53.3456i	0.6630-2.9198i	1.3627+0.0145i	0.8703+0.1038i	-0.4793-0.2171i	0.9836-0.5992i
16.2	2.7937-101.0799i	5.0465-120.8627i	121.0850+38.1376i	0.6066-2.6540i	1.4045+0.0717i	0.8625+0.0847i	-0.4224-0.0652i	1.0404-0.5546i
16.3	10.4784-96.8479i	14.3193-115.9364i	125.2865+12.5356i	0.6783-2.3421i	1.5911+0.0642i	0.8447+0.0889i	-0.2809+0.0278i	1.2387-0.6291i
16.4	16.7909-100.2337i	21.9253-119.9845i	124.1822-7.2008i	0.8409-2.3892i	1.7898-0.0209i	0.8244+0.1187i	-0.1744-0.0087i	1.4166-0.8245i
16.5	19.1524-111.1615i	24.8794-132.9828i	122.9925-34.6444i	0.8911-2.7674i	2.0006-0.2400i	0.8352+0.1599i	-0.1149-0.1035i	1.4656-1.2124i
16.6	14.6666-122.0366i	19.7052-146.0822i	114.8529-57.3562i	0.6679-3.0774i	2.1268-0.5006i	0.8755+0.1994i	-0.1521-0.1287i	1.3241-1.5455i
16.7	1.0524-137.9919i	3.6699-165.3447i	97.0193-82.4766i	0.2539-3.4054i	2.1541-0.9232i	0.9457+0.2268i	-0.2144-0.1103i	1.0157-1.8918i
16.8	-17.4225-143.5065i	-18.3045-172.0322i	78.8130-98.1535i	-0.2196-3.5463i	2.0342-1.1864i	0.9959+0.2540i	-0.2383-0.1092i	0.7183-2.0927i
16.9	-41.0497-142.4287i	-46.5712-171.0961i	46.1708-114.4797i	-1.0378-3.3414i	1.8517-1.4747i	1.1306+0.2303i	-0.4094-0.0718i	0.2777-2.2027i
17.0	-62.4811-132.3373i	-72.3514-159.4937i	10.3040-107.1768i	-1.6004-3.0329i	1.5830-1.6659i	1.2621+0.0620i	-0.4831+0.0433i	-0.2261-1.9689i
17.1	-72.7050-118.5386i	-84.7663-143.2699i	-1.7064-90.3691i	-1.7221-2.5513i	1.4053-1.7474i	1.2542-0.0522i	-0.4000+0.1911i	-0.3635-1.6642i
17.2	-81.6260-103.1726i	-95.6247-124.9188i	-11.0673-81.3777i	-1.8832-2.2161i	1.2128-1.7914i	1.2460-0.1302i	-0.3215+0.1788i	-0.4488-1.4873i
17.3	-82.4690-86.9778i	-96.7019-105.5255i	-20.5256-71.6772i	-2.0907-1.8493i	1.1004-1.8100i	1.2690-0.2536i	-0.3744+0.1651i	-0.5396-1.2839i
17.4	-80.0336-78.1818i	-93.8009-95.1040i	-24.2267-63.2549i	-2.0331-1.4099i	1.0276-1.9398i	1.2223-0.3487i	-0.3965+0.2614i	-0.4913-1.1370i
17.5	-78.8574-72.3894i	-92.5528-88.2667i	-27.6772-56.8530i	-1.9197-1.1204i	0.8590-2.0498i	1.1573-0.3962i	-0.3818+0.3492i	-0.4368-1.0902i
17.6	-77.8425-64.8576i	-91.4492-79.2862i	-30.9501-48.7338i	-1.7255-0.8852i	0.5889-2.1171i	1.0906-0.4090i	-0.2966+0.4137i	-0.4384-1.1225i
17.7	-77.1416-58.4173i	-90.7738-71.7457i	-33.4762-40.5835i	-1.6078-0.7556i	0.3024-2.1405i	1.0180-0.4356i	-0.2468+0.4314i	-0.4936-1.1385i
17.8	-76.8706-55.1336i	-90.5641-67.8256i	-34.0111-35.1201i	-1.5235-0.7093i	0.0999-2.1155i	0.9480-0.4584i	-0.2341+0.4352i	-0.5480-1.1232i
17.9	-76.2291-50.4931i	-89.9614-62.3276i	-33.4578-29.7558i	-1.4710-0.6257i	-0.1243-2.0245i	0.8996-0.4376i	-0.2128+0.4617i	-0.6410-1.0837i
18.0	-73.9996-44.5588i	-87.4899-55.1647i	-30.9780-23.9555i	-1.3870-0.5187i	-0.3042-1.8182i	0.8535-0.3994i	-0.1740+0.4802i	-0.6969-0.9719i
18.1	-71.9943-39.8707i	-85.2175-49.5178i	-29.0159-19.6980i	-1.3161-0.4197i	-0.4529-1.6192i	0.8251-0.3567i	-0.1231+0.5061i	-0.7637-0.8568i
18.2	-70.3679-35.7552i	-83.3762-44.5780i	-27.5689-15.8031i	-1.2785-0.3507i	-0.5762-1.4268i	0.8253-0.3219i	-0.0669+0.5226i	-0.8292-0.7383i

18.3	-68.9697-32.9641i	-81.8042-41.2220i	-26.2620-13.7399i	-1.1928-0.3068i	-0.6053-1.2794i	0.8316-0.3069i	-0.0244+0.5157i	-0.8250-0.6335i
18.4	-66.5314-29.8610i	-78.9184-37.4662i	-24.6992-11.5316i	-1.1145-0.2737i	-0.6170-1.1180i	0.8440-0.2844i	0.0183+0.5072i	-0.7991-0.5326i
18.5	-64.4646-27.6175i	-76.5251-34.7352i	-23.2162-9.0843i	-0.9988-0.3285i	-0.6109-0.9567i	0.8698-0.2780i	0.0780+0.4373i	-0.7471-0.4455i
18.6	-63.2526-25.0784i	-75.1753-31.5719i	-21.3928-6.2963i	-1.0170-0.4520i	-0.5835-0.7932i	0.8961-0.2951i	0.0540+0.3201i	-0.7222-0.3908i
18.7	-61.9178-22.6644i	-73.6918-28.6592i	-18.9248-5.2251i	-1.1678-0.3926i	-0.5176-0.7066i	0.8921-0.2982i	-0.0498+0.3485i	-0.7249-0.3339i
18.8	-60.1359-20.6779i	-71.5915-26.2568i	-17.0993-5.0130i	-1.1921-0.2745i	-0.4655-0.6492i	0.8890-0.2837i	-0.0678+0.4189i	-0.6937-0.2637i
18.9	-58.2023-18.5349i	-69.2843-23.5253i	-15.7990-5.0908i	-1.1573-0.1528i	-0.4220-0.5853i	0.9080-0.2632i	-0.0462+0.4632i	-0.6507-0.1999i
19.0	-56.0699-16.8070i	-66.7500-21.3139i	-14.4469-4.8714i	-1.1600-0.0568i	-0.3711-0.5303i	0.9287-0.2596i	-0.0383+0.4816i	-0.6065-0.1550i
19.1	-54.3987-15.8423i	-64.7462-20.1283i	-13.8279-4.9375i	-1.1021+0.0286i	-0.3258-0.5082i	0.9695-0.2658i	-0.0200+0.5081i	-0.5660-0.1254i
19.2	-52.2169-14.2216i	-62.0832-18.1062i	-13.1789-4.7420i	-1.0196+0.1353i	-0.2750-0.4659i	1.0199-0.2935i	0.0134+0.5394i	-0.5096-0.0756i
19.3	-50.6247-13.2113i	-60.1007-16.8481i	-12.7759-4.4925i	-0.9612+0.1977i	-0.2473-0.4390i	1.0444-0.3123i	0.0356+0.5589i	-0.4708-0.0458i
19.4	-49.2520-12.6605i	-58.5001-16.2209i	-12.4080-4.2509i	-0.9240+0.2117i	-0.2241-0.4191i	1.0758-0.3378i	0.0634+0.5783i	-0.4365-0.0237i
19.5	-47.4680-12.0610i	-56.3502-15.4450i	-11.8240-3.9160i	-0.8496+0.2768i	-0.1784-0.4011i	1.1092-0.4056i	0.0928+0.5932i	-0.3836+0.0067i
19.6	-46.4647-11.6728i	-55.0881-14.9956i	-11.5706-3.6769i	-0.7673+0.3310i	-0.1595-0.3996i	1.1061-0.4752i	0.1278+0.6031i	-0.3425+0.0248i
19.7	-45.4449-11.2990i	-53.8644-14.5524i	-11.2058-3.6271i	-0.6760+0.3916i	-0.1370-0.3955i	1.0787-0.5264i	0.1713+0.6315i	-0.2892+0.0394i
19.8	-44.4880-10.8291i	-52.7951-13.9348i	-10.8315-3.5314i	-0.5710+0.4218i	-0.1200-0.3890i	1.0635-0.5699i	0.2307+0.6415i	-0.2355+0.0482i
19.9	-43.7774-10.3370i	-51.9769-13.3581i	-10.6563-3.4345i	-0.4605+0.4198i	-0.1166-0.3782i	1.0528-0.6002i	0.2970+0.6253i	-0.1934+0.0489i
20.0	-42.9545-9.4923i	-50.9170-12.2951i	-10.5509-3.0718i	-0.3562+0.3452i	-0.1003-0.3669i	1.0319-0.5958i	0.3519+0.5780i	-0.1411+0.0308i
20.1	-41.8663-9.2202i	-49.5983-11.9126i	-10.1843-3.0264i	-0.2824+0.2903i	-0.0761-0.3586i	1.0006-0.5766i	0.3616+0.5319i	-0.0964+0.0033i
20.2	-41.0073-8.7185i	-48.5091-11.2996i	-10.0169-2.9178i	-0.2529+0.2657i	-0.0570-0.3507i	0.9981-0.5409i	0.3758+0.5053i	-0.0606-0.0194i
20.3	-40.1290-8.2831i	-47.3828-10.7571i	-9.8354-2.7820i	-0.2510+0.2616i	-0.0315-0.3511i	1.0452-0.5464i	0.3849+0.4927i	-0.0328-0.0421i
20.4	-39.1298-7.8854i	-46.0700-10.2664i	-9.5319-2.6003i	-0.2296+0.2426i	0.0047-0.3482i	1.0899-0.5583i	0.3890+0.4729i	0.0042-0.0608i
20.5	-38.4099-7.4310i	-45.1057-9.7266i	-9.4315-2.3475i	-0.2047+0.2166i	0.0256-0.3352i	1.1578-0.5622i	0.4075+0.4616i	0.0359-0.0714i
20.6	-37.3766-7.1002i	-43.9287-9.3816i	-9.2139-2.1304i	-0.1727+0.2088i	0.0452-0.3610i	1.2254-0.6115i	0.4178+0.4377i	0.0638-0.1125i
20.7	-36.5116-7.0261i	-42.8645-9.2882i	-9.1457-1.8625i	-0.1153+0.1648i	0.0630-0.3937i	1.3197-0.7091i	0.4301+0.4019i	0.0902-0.1630i
20.8	-35.7741-6.8655i	-41.9545-9.1470i	-8.9978-1.5894i	-0.0912+0.1289i	0.0686-0.4016i	1.3667-0.8309i	0.4334+0.3709i	0.1004-0.2019i
20.9	-35.1804-6.9769i	-41.1782-9.3844i	-8.8714-1.4237i	-0.0950+0.1336i	0.0871-0.4224i	1.3859-0.9680i	0.4266+0.3752i	0.1061-0.2376i
21.0	-34.4313-6.8591i	-40.2624-9.1810i	-8.5423-0.9988i	-0.0741+0.1263i	0.0829-0.4712i	1.4152-1.1976i	0.4264+0.3772i	0.1122-0.2967i
21.1	-33.8241-6.8207i	-39.5926-9.1992i	-8.2913-0.7834i	-0.0792+0.0940i	0.0672-0.4909i	1.3389-1.3926i	0.4197+0.3596i	0.0920-0.3473i
21.2	-33.3740-6.9117i	-39.0200-9.2720i	-7.9773-0.6419i	-0.0876+0.0751i	0.0647-0.5162i	1.1688-1.5489i	0.4066+0.3507i	0.0572-0.3866i
21.3	-32.9883-6.7586i	-38.5782-9.1440i	-7.6308-0.3813i	-0.0837+0.0695i	0.0341-0.5181i	1.0068-1.6630i	0.4124+0.3438i	0.0199-0.4072i
21.4	-32.7809-6.5584i	-38.3755-8.9647i	-7.3833-0.2984i	-0.0432+0.0707i	-0.0176-0.5422i	0.7432-1.7147i	0.4396+0.3391i	-0.0291-0.4280i
21.5	-32.6268-6.4193i	-38.2556-8.8382i	-7.1678-0.2158i	-0.0232+0.0390i	-0.0401-0.5411i	0.5451-1.7673i	0.4646+0.3359i	-0.0642-0.4436i
21.6	-32.4088-6.2585i	-38.0333-8.7402i	-7.0245-0.1654i	0.0215-0.0210i	-0.0725-0.5491i	0.3839-1.6901i	0.4929+0.3042i	-0.0895-0.4528i
21.7	-32.0498-5.9936i	-37.5502-8.4011i	-6.7330-0.1875i	0.0388-0.0193i	-0.1012-0.5525i	0.2444-1.5642i	0.5092+0.2815i	-0.1172-0.4428i
21.8	-31.6909-5.9692i	-37.0464-8.2116i	-6.5251-0.3436i	0.0746-0.0149i	-0.1549-0.5390i	0.1526-1.4574i	0.5063+0.2754i	-0.1521-0.4384i
21.9	-31.3411-5.6763i	-36.7082-7.8193i	-6.3844-0.3545i	0.0558-0.0632i	-0.2301-0.5081i	0.0581-1.3664i	0.5034+0.2345i	-0.2207-0.4321i
22.0	-31.0664-5.5169i	-36.3460-7.6229i	-6.2831-0.3269i	0.0464-0.1131i	-0.2442-0.4823i	0.0190-1.2859i	0.5137+0.2180i	-0.2446-0.4178i
22.1	-30.6927-5.1490i	-35.8971-7.1960i	-6.1088-0.1801i	0.0228-0.1495i	-0.2742-0.4474i	-0.0246-1.2073i	0.5059+0.1770i	-0.2767-0.4106i
22.2	-30.3697-4.8705i	-35.4873-6.8489i	-6.0600-0.1407i	-0.0050-0.1703i	-0.2926-0.4200i	-0.0315-1.1291i	0.4930+0.1500i	-0.3044-0.3920i
22.3	-29.9695-4.7266i	-35.0221-6.6131i	-5.8798-0.0715i	-0.0046-0.1836i	-0.3012-0.3743i	-0.0284-1.0667i	0.4688+0.1435i	-0.3292-0.3601i
22.4	-29.4538-4.5769i	-34.4393-6.3916i	-5.7631+0.0045i	-0.0153-0.1908i	-0.3115-0.3395i	-0.0123-1.0113i	0.4562+0.1236i	-0.3479-0.3287i
22.5	-29.1828-4.3542i	-33.9880-6.1673i	-5.6161+0.0361i	-0.0408-0.2165i	-0.2935-0.3090i	-0.0169-0.9691i	0.4534+0.1095i	-0.3505-0.2951i
22.6	-28.8159-4.1779i	-33.5501-5.9551i	-5.5511+0.1130i	-0.0637-0.2339i	-0.3111-0.2841i	-0.0003-0.9399i	0.4454+0.0919i	-0.3649-0.2657i
22.7	-28.6247-4.0350i	-33.2638-5.7925i	-5.5617+0.2071i	-0.0626-0.2319i	-0.3216-0.2278i	0.0147-0.9314i	0.4351+0.0861i	-0.3840-0.2144i
22.8	-28.3179-3.9652i	-32.8033-5.7586i	-5.5221+0.1278i	-0.0781-0.2423i	-0.3007-0.2246i	0.0648-0.9420i	0.4307+0.0835i	-0.3731-0.1993i
22.9	-27.7813-3.9965i	-32.1685-5.7112i	-5.3514+0.1592i	-0.0908-0.2496i	-0.2894-0.1993i	0.1266-0.9735i	0.4053+0.0718i	-0.3609-0.1765i
23.0	-27.3012-3.9789i	-31.6752-5.6763i	-5.1488+0.2964i	-0.1056-0.2620i	-0.2711-0.1484i	0.1468-1.0637i	0.3847+0.0619i	-0.3482-0.1406i
23.1	-27.1864-4.0424i	-31.4099-5.8322i	-5.0465+0.3695i	-0.1187-0.2633i	-0.2609-0.1341i	0.0766-1.1891i	0.3777+0.0579i	-0.3314-0.1323i
23.2	-27.0238-3.9201i	-31.1748-5.7334i	-4.8540+0.5035i	-0.1173-0.2687i	-0.2475-0.1027i	-0.0759-1.2896i	0.3643+0.0538i	-0.3169-0.0965i
23.3	-26.9757-3.7138i	-30.9344-5.4857i	-4.6189+0.5929i	-0.1851-0.2460i	-0.2286-0.0651i	-0.2776-1.3383i	0.3418+0.0560i	-0.3027-0.0565i
23.4	-26.6554-3.7101i	-30.7587-5.3707i	-4.4457+0.6450i	-0.2056-0.2522i	-0.1863-0.0666i	-0.4984-1.3085i	0.3269+0.0600i	-0.2737-0.0493i
23.5	-26.4465-3.5157i	-30.5230-5.1434i	-4.1970+0.5258i	-0.2154-0.2365i	-0.1504-0.0773i	-0.6834-1.1168i	0.3248+0.0655i	-0.2416-0.0595i
23.6	-26.3174-3.3153i	-30.2605-4.9415i	-4.0526+0.3797i	-0.2566-0.2259i	-0.1422-0.0728i	-0.7553-0.9294i	0.3188+0.0658i	-0.2266-0.0652i
23.7	-25.9694-3.0981i	-29.8672-4.8329i	-4.0156+0.2226i	-0.2639-0.1992i	-0.1078-0.0802i	-0.7975-0.6867i	0.3173+0.0763i	-0.2081-0.0702i
23.8	-25.6412-2.9986i	-29.5779-4.7068i	-3.9917+0.2064i	-0.2349-0.1947i	-0.0973-0.0889i	-0.7714-0.5571i	0.3162+0.0777i	-0.2009-0.0751i
23.9	-25.4664-2.8299i	-29.2706-4.4296i	-3.9447+0.1831i	-0.2409-0.1659i	-0.1016-0.0986i	-0.6885-0.3919i	0.3134+0.0776i	-0.1969-0.0700i
24.0	-25.2007-2.8695i	-28.7053-4.3454i	-3.9005+0.1006i	-0.2535-0.1555i	-0.0811-0.0964i	-0.5826-0.3014i	0.3090+0.0784i	-0.1876-0.0652i
24.1	-24.9902-2.7950i	-28.4565-4.1957i	-3.8664+0.0538i	-0.2434-0.1581i	-0.0888-0.0879i	-0.5288-0.2551i	0.3096+0.0738i	-0.1860-0.0685i
24.2	-24.6782-2.7072i	-28.1693-4.1561i	-3.8427+0.0443i	-0.2515-0.1423i	-0.0935-0.0787i	-0.4610-0.2111i	0.3057+0.0736i	-0.1817-0.0630i
24.3	-24.3928-2.6721i	-27.5777-4.1501i	-3.7351+0.0080i	-0.2302-0.1316i	-0.0713-0.0745i	-0.3694-0.1900i	0.2984+0.0729i	-0.1665-0.0719i
24.4	-24.2149-2.7426i	-27.3536-4.1380i	-3.7210-0.0193i	-0.2434-0.1251i	-0.0720-0.0834i	-0.3423-0.1686i	0.3045+0.0870i	-0.1639-0.0752i
24.5	-24.0929-2.5974i	-27.2348-4.0195i	-3.8084+0.0156i	-0.2560-0.1361i	-0.0854-0.0843i	-0.3224-0.1563i	0.3076+0.0823i	-0.1802-0.0702i

24.6	-23.8702-2.5609i	-26.9549-4.0210i	-3.8024+0.0325i	-0.2385-0.1013i	-0.0738-0.0848i	-0.2736-0.1461i	0.3097+0.0825i	-0.1775-0.0566i
24.7	-23.7498-2.3734i	-26.7487-4.0030i	-3.8106+0.0596i	-0.2200-0.0919i	-0.0616-0.0874i	-0.2349-0.1464i	0.3115+0.0867i	-0.1711-0.0533i
24.8	-23.4681-2.4360i	-26.3441-4.0221i	-3.7450-0.0047i	-0.2060-0.0819i	-0.0599-0.0878i	-0.1958-0.1409i	0.3033+0.0854i	-0.1611-0.0551i
24.9	-23.2212-2.4699i	-26.0102-3.9737i	-3.6129+0.0208i	-0.2009-0.0596i	-0.0547-0.0803i	-0.1720-0.1355i	0.3016+0.0797i	-0.1515-0.0450i
25.0	-23.2829-2.2457i	-25.7313-3.9308i	-3.5191+0.0504i	-0.2217-0.0691i	-0.0599-0.0794i	-0.1405-0.1305i	0.3014+0.0789i	-0.1413-0.0412i
25.1	-23.1373-2.2454i	-25.4449-3.8171i	-3.5083+0.0177i	-0.2246-0.0689i	-0.0636-0.0767i	-0.1169-0.1241i	0.2981+0.0718i	-0.1417-0.0385i
25.2	-22.8561-2.2036i	-25.2800-3.7448i	-3.5139+0.0364i	-0.1918-0.0717i	-0.0597-0.0707i	-0.1031-0.1194i	0.3038+0.0704i	-0.1310-0.0336i
25.3	-22.5787-2.0572i	-25.0222-3.7469i	-3.4706+0.0334i	-0.1913-0.0636i	-0.0533-0.0674i	-0.0868-0.1197i	0.3039+0.0716i	-0.1216-0.0317i
25.4	-22.5516-1.9536i	-24.7013-3.6751i	-3.4146+0.0339i	-0.1815-0.0750i	-0.0533-0.0596i	-0.0720-0.1194i	0.2971+0.0618i	-0.1132-0.0340i
25.5	-22.1953-1.9337i	-24.5220-3.6258i	-3.4310+0.0873i	-0.1831-0.0787i	-0.0551-0.0560i	-0.0581-0.1147i	0.2995+0.0491i	-0.1079-0.0330i
25.6	-22.1378-1.7053i	-24.3988-3.6539i	-3.4602+0.1507i	-0.1836-0.0728i	-0.0513-0.0511i	-0.0436-0.1197i	0.3034+0.0461i	-0.1052-0.0367i
25.7	-21.8448-1.7277i	-24.1370-3.4813i	-3.3229+0.1828i	-0.1527-0.0762i	-0.0470-0.0381i	-0.0307-0.1111i	0.2931+0.0332i	-0.0988-0.0303i
25.8	-21.8964-1.8461i	-23.9467-3.4329i	-3.3400+0.1493i	-0.1626-0.0976i	-0.0456-0.0359i	-0.0224-0.1050i	0.2973+0.0304i	-0.0945-0.0321i
25.9	-21.8442-1.7850i	-23.7906-3.4222i	-3.3570+0.1879i	-0.1737-0.1021i	-0.0367-0.0353i	-0.0114-0.1023i	0.2946+0.0267i	-0.0932-0.0350i
26.0	-21.5073-1.7617i	-23.5167-3.4230i	-3.3268+0.2446i	-0.1582-0.1027i	-0.0271-0.0300i	0.0038-0.1071i	0.2874+0.0200i	-0.0922-0.0340i
26.1	-21.4395-1.6550i	-23.2252-3.3705i	-3.2512+0.2315i	-0.1652-0.0956i	-0.0238-0.0341i	0.0147-0.1033i	0.2752+0.0196i	-0.0817-0.0352i
26.2	-21.5103-1.6842i	-22.9426-3.3502i	-3.2454+0.2503i	-0.1811-0.1072i	-0.0164-0.0352i	0.0319-0.1013i	0.2684+0.0109i	-0.0764-0.0360i
26.3	-21.3370-1.5904i	-22.6318-3.3596i	-3.1856+0.2841i	-0.2004-0.0940i	-0.0154-0.0364i	0.0408-0.0971i	0.2525+0.0064i	-0.0670-0.0320i
26.4	-21.2044-1.6394i	-22.4094-3.3867i	-3.1000+0.2900i	-0.2253-0.1053i	-0.0177-0.0325i	0.0513-0.0950i	0.2441+0.0023i	-0.0596-0.0306i
26.5	-21.2111-1.6285i	-22.2972-3.3268i	-3.1162+0.3232i	-0.2151-0.1054i	-0.0142-0.0288i	0.0629-0.0951i	0.2381-0.0123i	-0.0536-0.0229i
26.6	-21.0650-1.3713i	-22.1032-3.3852i	-3.1516+0.3355i	-0.2118-0.0846i	-0.0147-0.0373i	0.0735-0.0991i	0.2258-0.0144i	-0.0473-0.0282i
26.7	-21.0009-1.2892i	-21.9301-3.4202i	-3.1339+0.3723i	-0.2233-0.0667i	-0.0184-0.0342i	0.0837-0.0955i	0.2132-0.0037i	-0.0416-0.0386i
26.8	-21.0676-1.2713i	-21.7636-3.4734i	-3.0245+0.3708i	-0.2299-0.0595i	-0.0161-0.0245i	0.1001-0.0911i	0.1957+0.0085i	-0.0316-0.0425i
26.9	-20.8240-1.2451i	-21.5717-3.4973i	-3.0265+0.3569i	-0.2253-0.0525i	-0.0178-0.0216i	0.1177-0.0937i	0.1841+0.0204i	-0.0267-0.0477i
27.0	-20.7240-1.4102i	-21.4009-3.4872i	-3.0345+0.4229i	-0.2310-0.0570i	-0.0123-0.0216i	0.1385-0.0943i	0.1796+0.0301i	-0.0289-0.0482i
27.1	-20.6659-1.3157i	-21.1962-3.5485i	-3.0109+0.4429i	-0.2232-0.0175i	-0.0044-0.0163i	0.1627-0.0965i	0.1765+0.0425i	-0.0242-0.0585i
27.2	-20.5205-1.1760i	-21.1032-3.5945i	-2.9541+0.4790i	-0.2302-0.0173i	-0.0076-0.0136i	0.1762-0.1047i	0.1807+0.0486i	-0.0279-0.0631i
27.3	-20.3539-1.1296i	-20.9229-3.5331i	-2.8016+0.4969i	-0.2301-0.0152i	-0.0084-0.0108i	0.1839-0.1186i	0.1854+0.0538i	-0.0253-0.0604i
27.4	-20.3338-0.8103i	-20.7437-3.5194i	-2.7264+0.5837i	-0.2195+0.0072i	-0.0039-0.0094i	0.2071-0.1536i	0.1846+0.0546i	-0.0272-0.0573i
27.5	-20.3753-0.8523i	-20.6834-3.5466i	-2.6399+0.6863i	-0.2093+0.0004i	-0.0046-0.0046i	0.2045-0.2014i	0.1823+0.0510i	-0.0287-0.0530i
27.6	-20.6109-0.9587i	-20.5705-3.5766i	-2.6246+0.6582i	-0.2397-0.0089i	-0.0020-0.0028i	0.2088-0.2249i	0.1760+0.0555i	-0.0230-0.0506i
27.7	-20.3818-0.7424i	-20.4915-3.6843i	-2.5527+0.6548i	-0.2321-0.0045i	0.0015+0.0001i	0.1924-0.2525i	0.1819+0.0637i	-0.0201-0.0571i
27.8	-20.2162-0.5854i	-20.3704-3.6595i	-2.3439+0.6538i	-0.2093+0.0275i	0.0016+0.0046i	0.1549-0.2745i	0.1809+0.0731i	-0.0111-0.0593i
27.9	-20.3395-0.6052i	-20.4043-3.5919i	-2.3044+0.6943i	-0.2037+0.0126i	0.0047+0.0070i	0.1258-0.2823i	0.1867+0.0716i	-0.0092-0.0570i
28.0	-20.2456-0.2487i	-20.3737-3.6146i	-2.2284+0.7269i	-0.2153+0.0262i	0.0120+0.0096i	0.0849-0.2884i	0.1935+0.0678i	-0.0104-0.0603i
28.1	-20.3595-0.5086i	-20.2508-3.4340i	-2.1175+0.5483i	-0.2267+0.0250i	0.0141+0.0093i	0.0462-0.2597i	0.1904+0.0577i	-0.0062-0.0543i
28.2	-20.3054-0.3248i	-20.1944-3.3464i	-2.0862+0.5005i	-0.2175+0.0230i	0.0143+0.0082i	0.0238-0.2454i	0.1852+0.0591i	0.0003-0.0551i
28.3	-20.2974-0.0704i	-20.0703-3.2547i	-2.0185+0.4393i	-0.2117+0.0342i	0.0249+0.0108i	0.0086-0.2293i	0.1910+0.0641i	0.0040-0.0582i
28.4	-20.3630+0.1640i	-20.0004-3.1362i	-2.0124+0.4477i	-0.2247+0.0504i	0.0242+0.0065i	-0.0078-0.2099i	0.1829+0.0464i	0.0097-0.0561i
28.5	-20.2822+0.2884i	-19.8284-3.0848i	-1.9997+0.3686i	-0.2203+0.0525i	0.0225+0.0078i	-0.0027-0.1741i	0.1703+0.0441i	0.0102-0.0639i
28.6	-20.3465+0.4040i	-19.6925-2.9576i	-1.9485+0.3090i	-0.2281+0.0604i	0.0224+0.0107i	-0.0008-0.1501i	0.1606+0.0479i	0.0124-0.0635i
28.7	-20.0749+0.9292i	-19.4943-2.9173i	-1.9159+0.2821i	-0.2254+0.0667i	0.0247+0.0128i	0.0075-0.1376i	0.1612+0.0541i	0.0138-0.0678i
28.8	-19.6587+1.2764i	-19.3009-2.8589i	-1.9395+0.2758i	-0.2114+0.0854i	0.0259+0.0146i	0.0182-0.1287i	0.1632+0.0560i	0.0117-0.0633i
28.9	-19.8836+1.1743i	-19.1520-2.7338i	-1.9779+0.1798i	-0.2284+0.0741i	0.0203+0.0169i	0.0179-0.1151i	0.1463+0.0564i	0.0257-0.0584i
29.0	-20.3579+1.1209i	-18.9109-2.6833i	-1.9718+0.1523i	-0.2482+0.0521i	0.0237+0.0197i	0.0317-0.1000i	0.1371+0.0572i	0.0394-0.0614i
29.1	-19.5612+1.5303i	-18.7975-2.7240i	-1.9355+0.1584i	-0.1981+0.0780i	0.0349+0.0159i	0.0257-0.0964i	0.1558+0.0622i	0.0263-0.0705i
29.2	-19.5163+1.5729i	-18.6378-2.6149i	-1.9139+0.1514i	-0.2230+0.1038i	0.0290+0.0179i	0.0400-0.0861i	0.1428+0.0668i	0.0357-0.0681i
29.3	-19.8917+1.6052i	-18.4224-2.5151i	-1.9264+0.1642i	-0.2734+0.1136i	0.0217+0.0229i	0.0615-0.0753i	0.1198+0.0729i	0.0494-0.0718i
29.4	-19.8729+2.0730i	-18.1681-2.5550i	-1.8814+0.1171i	-0.2778+0.1569i	0.0160+0.0291i	0.0696-0.0679i	0.1127+0.0889i	0.0629-0.0794i
29.5	-20.0451+2.1549i	-18.0586-2.4748i	-1.9101+0.0704i	-0.2640+0.1531i	0.0232+0.0273i	0.0785-0.0527i	0.1162+0.0896i	0.0625-0.0760i
29.6	-20.3039+2.3298i	-17.8805-2.3575i	-1.9124+0.0983i	-0.2931+0.1704i	0.0274+0.0316i	0.0897-0.0360i	0.1105+0.1015i	0.0650-0.0793i
29.7	-19.6607+2.7146i	-17.7326-2.4529i	-1.9102+0.0805i	-0.2349+0.1715i	0.0361+0.0357i	0.0906-0.0493i	0.1297+0.1002i	0.0558-0.0881i
29.8	-19.5703+3.0355i	-17.6189-2.4554i	-1.9080+0.0528i	-0.2293+0.1751i	0.0339+0.0397i	0.0942-0.0505i	0.1284+0.1066i	0.0610-0.0885i
29.9	-19.8325+3.1274i	-17.5039-2.4215i	-1.8763+0.0707i	-0.2559+0.1825i	0.0365+0.0387i	0.0946-0.0480i	0.1218+0.1003i	0.0670-0.0882i
30.0	-19.4748+2.9217i	-17.3681-2.3982i	-1.8853+0.0639i	-0.2580+0.1828i	0.0310+0.0329i	0.0945-0.0401i	0.1064+0.0905i	0.0673-0.0826i
30.1	-19.2746+3.4791i	-17.2578-2.2957i	-1.8503+0.1121i	-0.2193+0.2142i	0.0312+0.0399i	0.1019-0.0463i	0.1287+0.1082i	0.0713-0.0909i
30.2	-19.3916+4.1130i	-17.0595-2.2828i	-1.8514+0.0803i	-0.2152+0.2349i	0.0368+0.0428i	0.1009-0.0365i	0.1301+0.1181i	0.0752-0.1025i
30.3	-19.5255+4.3992i	-16.9709-2.2503i	-1.7895+0.0587i	-0.2213+0.2292i	0.0457+0.0349i	0.1043-0.0337i	0.1318+0.0982i	0.0681-0.0933i
30.4	-19.1685+4.8836i	-16.7650-2.2565i	-1.8178+0.0632i	-0.2212+0.2741i	0.0362+0.0505i	0.1121-0.0344i	0.1122+0.1197i	0.0841-0.1046i
30.5	-19.0041+4.6106i	-16.6351-2.1967i	-1.8136+0.0565i	-0.2484+0.2803i	0.0213+0.0579i	0.1160-0.0187i	0.0876+0.1423i	0.1006-0.1096i
30.6	-19.5172+4.5036i	-16.4678-2.1121i	-1.8219+0.0387i	-0.2600+0.3110i	0.0223+0.0682i	0.1208-0.0039i	0.0862+0.1709i	0.1083-0.1187i
30.7	-19.2951+5.0796i	-16.3085-2.1271i	-1.7914+0.0370i	-0.2132+0.3007i	0.0368+0.0642i	0.1254-0.0120i	0.1203+0.1588i	0.0988-0.1205i
30.8	-19.0862+6.3430i	-16.1691-2.1642i	-1.7938+0.0527i	-0.2180+0.3284i	0.0421+0.0674i	0.1352-0.0184i	0.1337+0.1576i	0.0965-0.1378i

30.9	-18.3091+7.2187i	-16.0554-2.1700i	-1.7723+0.0701i	-0.1904+0.3622i	0.0468+0.0622i	0.1348-0.0192i	0.1412+0.1482i	0.0924-0.1392i
31.0	-18.9721+7.7300i	-15.9120-2.0909i	-1.7558+0.0615i	-0.1962+0.3830i	0.0578+0.0648i	0.1243+0.0111i	0.1600+0.1555i	0.0975-0.1467i
31.1	-18.2084+8.4917i	-15.7664-2.0430i	-1.7258+0.0385i	-0.1716+0.3943i	0.0540+0.0692i	0.1139+0.0190i	0.1567+0.1672i	0.0940-0.1563i
31.2	-17.9117+8.6058i	-15.6447-2.0605i	-1.6936-0.0064i	-0.1733+0.3897i	0.0577+0.0695i	0.1214+0.0169i	0.1551+0.1737i	0.0882-0.1590i
31.3	-18.2824+8.4881i	-15.5088-1.9781i	-1.7269+0.0194i	-0.2013+0.3874i	0.0487+0.0680i	0.1268+0.0432i	0.1232+0.1701i	0.1027-0.1522i
31.4	-17.7898+8.3178i	-15.4090-1.9387i	-1.6738+0.0247i	-0.1773+0.3643i	0.0381+0.0624i	0.1321+0.0870i	0.1147+0.1526i	0.1135-0.1429i
31.5	-17.0194+8.8657i	-15.2247-1.9773i	-1.6717+0.0183i	-0.1714+0.4072i	0.0455+0.0618i	0.1464+0.0649i	0.1159+0.1366i	0.1150-0.1456i
31.6	-16.7521+9.2796i	-15.1140-1.9579i	-1.6883-0.0084i	-0.1741+0.4298i	0.0453+0.0570i	0.1563+0.0755i	0.1150+0.1326i	0.1200-0.1432i
31.7	-16.4660+10.6602i	-14.9924-1.9006i	-1.7347-0.0093i	-0.1440+0.4862i	0.0517+0.0644i	0.1646+0.1079i	0.1282+0.1503i	0.1146-0.1609i
31.8	-16.0313+11.9089i	-14.7322-1.8692i	-1.7219+0.0349i	-0.1099+0.5486i	0.0520+0.0899i	0.2167+0.1204i	0.1363+0.1851i	0.1142-0.1910i
31.9	-15.1737+11.4899i	-14.6660-1.9426i	-1.7141-0.0248i	-0.0754+0.5345i	0.0515+0.0750i	0.2232+0.1060i	0.1282+0.1662i	0.1100-0.1756i
32.0	-15.0472+11.2575i	-14.5146-1.8887i	-1.6648-0.1003i	-0.0796+0.5227i	0.0468+0.0688i	0.2552+0.1349i	0.1238+0.1613i	0.1193-0.1716i
32.1	-14.5543+12.1128i	-14.3353-1.7670i	-1.6683-0.0259i	-0.0559+0.5467i	0.0458+0.0766i	0.3117+0.1421i	0.1344+0.1663i	0.1231-0.1834i
32.2	-14.7393+11.8551i	-14.2293-1.6937i	-1.6564-0.0439i	-0.0961+0.5395i	0.0395+0.0749i	0.3331+0.1595i	0.1191+0.1559i	0.1373-0.1805i
32.3	-13.6251+12.6459i	-14.0523-1.7508i	-1.6399-0.0325i	-0.0349+0.5285i	0.0535+0.0742i	0.3894+0.1049i	0.1333+0.1363i	0.1143-0.1790i
32.4	-12.7181+13.9718i	-13.8723-1.7035i	-1.6832-0.0355i	-0.0054+0.5343i	0.0526+0.0736i	0.4477+0.0628i	0.1279+0.1387i	0.1184-0.1975i
32.5	-12.1898+13.8007i	-13.7327-1.6687i	-1.6798-0.0290i	-0.0217+0.5491i	0.0400+0.0710i	0.4872+0.0078i	0.1068+0.1350i	0.1272-0.2037i
32.6	-11.7654+14.6115i	-13.6066-1.6575i	-1.6549+0.0097i	-0.0004+0.5736i	0.0388+0.0709i	0.5031-0.0302i	0.0900+0.1374i	0.1255-0.2040i
32.7	-11.0978+15.6045i	-13.4532-1.6902i	-1.6162+0.0110i	0.0418+0.5894i	0.0456+0.0789i	0.4744-0.0947i	0.1002+0.1534i	0.1092-0.2167i
32.8	-9.7800+14.9370i	-13.3279-1.7521i	-1.6133+0.0587i	0.0643+0.6105i	0.0335+0.0828i	0.4550-0.1249i	0.0926+0.1642i	0.1038-0.2157i
32.9	-9.1158+14.2413i	-13.1515-1.7565i	-1.6014-0.0020i	0.0534+0.5924i	0.0296+0.0869i	0.4539-0.1410i	0.0766+0.1647i	0.1160-0.2090i
33.0	-8.4919+13.9206i	-13.1121-1.7297i	-1.6293+0.0386i	0.0353+0.6061i	0.0163+0.0995i	0.4247-0.1463i	0.0498+0.1865i	0.1261-0.2127i
33.1	-7.5866+14.3209i	-12.9844-1.6379i	-1.6603+0.1397i	0.0640+0.6180i	0.0188+0.0989i	0.3656-0.1644i	0.0507+0.2020i	0.1254-0.2214i
33.2	-5.9049+14.5118i	-12.8039-1.6169i	-1.5695+0.1388i	0.1707+0.6490i	0.0303+0.1029i	0.3557-0.1631i	0.0794+0.2101i	0.1111-0.2174i
33.3	-6.1417+15.2188i	-12.7246-1.5980i	-1.5235+0.0952i	0.1589+0.6981i	0.0191+0.1159i	0.3721-0.1751i	0.0831+0.2491i	0.1161-0.2317i
33.4	-5.0961+14.4672i	-12.5797-1.5680i	-1.5502+0.1039i	0.1969+0.6753i	0.0251+0.1167i	0.3432-0.1729i	0.1106+0.2531i	0.1064-0.2255i
33.5	-4.0684+13.3321i	-12.4082-1.4914i	-1.4765+0.0753i	0.2017+0.6451i	0.0244+0.1161i	0.2996-0.1429i	0.1052+0.2574i	0.1100-0.2174i
33.6	-3.5162+12.6174i	-12.3161-1.4268i	-1.3906+0.0724i	0.2165+0.6268i	0.0229+0.1210i	0.3049-0.1060i	0.0976+0.2462i	0.1137-0.2072i
33.7	-2.2522+12.6789i	-12.1623-1.5498i	-1.4199+0.0837i	0.3236+0.6168i	0.0365+0.1294i	0.2678-0.1659i	0.1474+0.2344i	0.1019-0.2117i
33.8	-1.4346+13.2564i	-12.0016-1.5496i	-1.4614+0.0428i	0.3731+0.6439i	0.0520+0.1270i	0.2569-0.1742i	0.1916+0.2496i	0.0814-0.2090i
33.9	-1.6964+11.6064i	-11.8713-1.4839i	-1.4102+0.0875i	0.2806+0.5783i	0.0238+0.1022i	0.2731-0.1234i	0.1388+0.2097i	0.1232-0.1833i
34.0	-0.1127+12.0470i	-11.7364-1.4509i	-1.3585+0.0803i	0.3584+0.6047i	0.0135+0.1024i	0.2783-0.1186i	0.1477+0.1773i	0.1230-0.1835i
34.1	0.8883+12.3250i	-11.6111-1.5099i	-1.3727+0.1069i	0.4172+0.6034i	0.0296+0.0950i	0.2677-0.0910i	0.1900+0.1619i	0.1057-0.1806i
34.2	-0.2631+11.0369i	-11.4202-1.5268i	-1.2887+0.0729i	0.3699+0.5778i	0.0051+0.0978i	0.3092-0.0930i	0.1444+0.1659i	0.1532-0.1867i
34.3	0.7845+9.9300i	-11.2742-1.4551i	-1.3161+0.0766i	0.3823+0.5633i	-0.0130+0.1089i	0.2880-0.0860i	0.1166+0.1607i	0.1750-0.1696i
34.4	1.5774+9.8665i	-11.1656-1.4896i	-1.3528+0.0680i	0.4189+0.5827i	-0.0088+0.1099i	0.2581-0.0659i	0.1312+0.1563i	0.1684-0.1654i
34.5	1.8581+8.5519i	-11.0090-1.4279i	-1.2635+0.1169i	0.3926+0.5515i	-0.0293+0.1175i	0.2783-0.0550i	0.0994+0.1569i	0.1964-0.1743i
34.6	1.7666+8.6876i	-10.8192-1.3623i	-1.2849+0.0902i	0.3907+0.5283i	-0.0289+0.1241i	0.2702-0.0413i	0.0926+0.1763i	0.2204-0.1804i
34.7	2.8032+9.2844i	-10.6732-1.3487i	-1.2628+0.0667i	0.4519+0.5333i	-0.0273+0.1204i	0.2728-0.0323i	0.1022+0.1664i	0.2150-0.1911i
34.8	2.9572+8.7115i	-10.5787-1.3468i	-1.2457+0.0588i	0.4737+0.5195i	-0.0451+0.1270i	0.3060-0.0221i	0.0852+0.1578i	0.2437-0.2042i
34.9	2.5755+8.4022i	-10.4940-1.3022i	-1.2649+0.0670i	0.4825+0.5444i	-0.0564+0.1391i	0.3378-0.0237i	0.0845+0.1733i	0.2605-0.2267i
35.0	2.5945+8.5367i	-10.3557-1.3035i	-1.2384+0.0381i	0.4727+0.6051i	-0.0727+0.1584i	0.3453-0.0483i	0.0659+0.2038i	0.2633-0.2552i
35.1	2.4874+7.0836i	-10.1814-1.3367i	-1.2202+0.0159i	0.4680+0.5796i	-0.0882+0.1700i	0.3466-0.0403i	0.0388+0.2211i	0.2797-0.2580i
35.2	2.9282+6.5663i	-10.0650-1.2839i	-1.2149+0.0477i	0.4773+0.5536i	-0.0995+0.1725i	0.3757-0.0234i	0.0437+0.2089i	0.2942-0.2547i
35.3	2.4217+6.0797i	-9.9060-1.2508i	-1.1786+0.0070i	0.4663+0.5412i	-0.1139+0.2150i	0.3987-0.0199i	0.0268+0.2627i	0.3013-0.3116i
35.4	3.0139+5.3244i	-9.7868-1.2564i	-1.1720+0.0248i	0.4928+0.4840i	-0.1171+0.2165i	0.3992-0.0208i	0.0138+0.2357i	0.3079-0.3107i
35.5	3.3845+5.7060i	-9.6740-1.2461i	-1.2257+0.0548i	0.5495+0.4205i	-0.0916+0.2106i	0.4313-0.0082i	0.0582+0.1982i	0.2876-0.3242i
35.6	3.0160+5.7159i	-9.5618-1.1671i	-1.1785+0.0388i	0.5149+0.5105i	-0.1175+0.2392i	0.4344-0.0144i	0.0421+0.2468i	0.2984-0.3488i
35.7	3.1305+4.7318i	-9.3173-1.1538i	-1.1165+0.0373i	0.5213+0.5371i	-0.1381+0.2886i	0.4192-0.0282i	-0.0009+0.3008i	0.3190-0.3785i
35.8	2.7398+5.0074i	-9.1863-1.1839i	-1.1276+0.0047i	0.5750+0.5628i	-0.0988+0.3242i	0.4429-0.0279i	0.0595+0.3464i	0.2849-0.4067i
35.9	1.7395+4.6915i	-8.9920-1.0983i	-1.0990+0.0034i	0.5108+0.5307i	-0.1217+0.3329i	0.4897-0.0403i	0.0254+0.3470i	0.2946-0.4287i
36.0	3.0537+4.8579i	-8.8105-1.0812i	-1.0244+0.0475i	0.5708+0.5401i	-0.1307+0.3329i	0.4860-0.0904i	0.0176+0.3180i	0.2967-0.4168i
36.1	3.4553+4.8250i	-8.6723-1.1046i	-1.0379-0.0127i	0.5647+0.5890i	-0.1501+0.3568i	0.4984-0.1019i	0.0024+0.3636i	0.3186-0.4246i
36.2	2.7231+4.7809i	-8.5617-1.1292i	-1.0458-0.0457i	0.5609+0.5904i	-0.1312+0.3976i	0.5087-0.0978i	0.0233+0.3980i	0.3052-0.4640i
36.3	3.0741+4.2924i	-8.4313-1.1524i	-1.0521-0.0367i	0.5852+0.5351i	-0.1356+0.3976i	0.5232-0.1243i	0.0299+0.3733i	0.3168-0.4560i
36.4	3.3174+4.6591i	-8.3018-1.1403i	-1.0903-0.0392i	0.6410+0.5304i	-0.1219+0.4125i	0.5434-0.1549i	0.0767+0.3654i	0.3104-0.4546i
36.5	3.2622+4.1745i	-8.1630-1.0739i	-1.0242-0.0257i	0.6196+0.5307i	-0.1558+0.4347i	0.5806-0.1448i	0.0452+0.3984i	0.3384-0.4854i
36.6	2.9722+3.3694i	-8.0205-1.0860i	-0.9816-0.0379i	0.6131+0.5439i	-0.1490+0.4821i	0.5854-0.1718i	0.0449+0.4383i	0.3272-0.5293i
36.7	3.7459+2.3695i	-7.8755-1.1723i	-0.9585-0.0595i	0.6334+0.5118i	-0.1316+0.5095i	0.5730-0.2294i	0.0676+0.4270i	0.3055-0.5180i
36.8	3.7671+2.9522i	-7.7512-1.0639i	-0.9805-0.0322i	0.6467+0.5177i	-0.1338+0.5286i	0.5876-0.2589i	0.0695+0.4557i	0.3161-0.5384i
36.9	3.9854+3.6152i	-7.5484-0.9815i	-0.9625-0.0540i	0.6541+0.5164i	-0.1493+0.5463i	0.6160-0.2777i	0.0537+0.4649i	0.3400-0.5676i
37.0	4.8233+3.4835i	-7.3536-0.9953i	-0.9514-0.0494i	0.6979+0.5274i	-0.1479+0.5794i	0.6124-0.3122i	0.0500+0.4717i	0.3527-0.5942i
37.1	4.4814+2.8257i	-7.3002-1.0534i	-0.9785-0.0573i	0.6721+0.5414i	-0.1346+0.6289i	0.5722-0.3727i	0.0647+0.5026i	0.3543-0.6282i

37.2	3.5090+3.1239i	-7.1972-0.9696i	-0.9384-0.0723i	0.6479+0.5849i	-0.1281+0.6421i	0.5745-0.3998i	0.0726+0.5315i	0.3590-0.6567i
37.3	3.6391+2.7794i	-6.9998-0.9748i	-0.8951-0.0979i	0.7326+0.6102i	-0.1084+0.7488i	0.5309-0.4909i	0.1302+0.5994i	0.3309-0.7341i
37.4	3.7671+2.0175i	-6.7839-1.1301i	-0.8789-0.1211i	0.7661+0.5753i	-0.0591+0.8106i	0.4344-0.5398i	0.1681+0.6134i	0.3065-0.7696i
37.5	3.5696+2.9584i	-6.5558-1.0041i	-0.8486-0.1481i	0.7921+0.6337i	-0.0350+0.8229i	0.4417-0.5917i	0.2142+0.6292i	0.3025-0.7901i
37.6	4.3550+2.8860i	-6.4407-0.9771i	-0.8539-0.1449i	0.8665+0.6044i	-0.0044+0.8274i	0.3858-0.5949i	0.2496+0.6169i	0.2975-0.7875i
37.7	4.4925+2.5333i	-6.3395-0.9539i	-0.8474-0.1108i	0.8327+0.6324i	-0.0066+0.8589i	0.3540-0.6524i	0.2405+0.6408i	0.3108-0.8085i
37.8	3.8417+2.1308i	-6.2970-0.9734i	-0.8725-0.0981i	0.8118+0.6028i	0.0358+0.8696i	0.2880-0.6311i	0.2643+0.6292i	0.3066-0.8273i
37.9	3.6423+2.1386i	-6.1305-1.0139i	-0.8781-0.1100i	0.8735+0.6048i	0.1073+0.9296i	0.1792-0.6632i	0.3512+0.6490i	0.2556-0.8866i
38.0	3.4232+2.3938i	-6.0379-0.8978i	-0.8598-0.0842i	0.9381+0.6506i	0.1231+0.9251i	0.0958-0.6069i	0.3875+0.6558i	0.2679-0.9010i
38.1	4.4237+2.0734i	-5.7998-0.9169i	-0.8404-0.1238i	0.9546+0.5977i	0.1405+0.9177i	0.0647-0.5677i	0.3828+0.6307i	0.2764-0.9130i
38.2	4.4732+1.9763i	-5.6015-0.9854i	-0.8109-0.1641i	1.0220+0.5560i	0.2410+0.9316i	-0.0631-0.5259i	0.4701+0.5733i	0.2099-0.9253i
38.3	4.5236+1.8818i	-5.4755-0.9987i	-0.8327-0.1586i	1.0462+0.4903i	0.2860+0.9341i	-0.1169-0.4791i	0.4915+0.5400i	0.1869-0.9414i
38.4	4.8640+1.6656i	-5.2590-1.0209i	-0.8022-0.1875i	1.0880+0.4824i	0.2994+0.9291i	-0.1660-0.4034i	0.5273+0.5273i	0.1928-0.9758i
38.5	4.5108+1.2703i	-5.1639-1.0587i	-0.7891-0.2307i	1.0841+0.4551i	0.3013+0.9251i	-0.1548-0.3647i	0.5372+0.5128i	0.1943-1.0031i
38.6	3.8806+1.4346i	-5.0911-1.0155i	-0.8000-0.2033i	1.1134+0.4219i	0.3483+0.9256i	-0.1757-0.2694i	0.5716+0.4693i	0.1650-1.0391i
38.7	4.2163+1.5353i	-4.9312-1.0040i	-0.8164-0.2119i	1.1514+0.4342i	0.3914+0.9465i	-0.1677-0.2226i	0.5934+0.4646i	0.1196-1.0917i
38.8	4.1422+1.7543i	-4.8035-0.9162i	-0.7707-0.1755i	1.1366+0.4387i	0.3737+0.9640i	-0.1392-0.1763i	0.5857+0.4829i	0.1191-1.1640i
38.9	5.5299+1.3407i	-4.5575-0.9722i	-0.7600-0.2073i	1.2261+0.4280i	0.3673+0.9606i	-0.1145-0.1064i	0.6133+0.4474i	0.0795-1.1998i
39.0	5.8295+1.0755i	-4.4357-1.0089i	-0.7936-0.2168i	1.2388+0.3536i	0.3965+0.9476i	-0.1127-0.0686i	0.6267+0.3858i	0.0537-1.1977i
39.1	5.2096+1.5822i	-4.2865-0.9660i	-0.7458-0.2401i	1.2624+0.3123i	0.4730+0.9676i	-0.0950-0.0268i	0.6855+0.3366i	-0.0555-1.2262i
39.2	5.1099+1.9604i	-4.1225-0.9444i	-0.7374-0.2426i	1.2929+0.3043i	0.5012+0.9815i	-0.0488-0.0107i	0.6911+0.3148i	-0.1145-1.2464i
39.3	5.1060+1.1583i	-3.9491-0.9459i	-0.7105-0.2409i	1.3125+0.2334i	0.5317+1.0359i	-0.0480+0.0337i	0.7169+0.3002i	-0.1688-1.2970i
39.4	4.8005+0.8168i	-3.8726-0.9834i	-0.7123-0.2708i	1.3221+0.1980i	0.5847+1.0358i	-0.0068+0.0884i	0.7337+0.2449i	-0.2562-1.3124i
39.5	5.1792+1.1529i	-3.6714-0.9244i	-0.7079-0.2373i	1.3463+0.1288i	0.6428+1.0395i	0.0404+0.0929i	0.7414+0.1827i	-0.3345-1.2929i
39.6	5.5605+1.1856i	-3.4746-0.9041i	-0.6950-0.2471i	1.3804+0.0540i	0.6711+1.0533i	0.0524+0.0880i	0.7487+0.1411i	-0.3866-1.2980i
39.7	5.5388+1.2254i	-3.2984-0.9383i	-0.6583-0.2689i	1.3655-0.0050i	0.7368+1.0431i	0.0708+0.1070i	0.7451+0.0818i	-0.4584-1.2639i
39.8	6.0524+0.8603i	-3.1454-1.0067i	-0.6523-0.3047i	1.3360-0.0693i	0.7758+1.0289i	0.1053+0.1513i	0.7008+0.0136i	-0.4794-1.2556i
39.9	5.7899+0.9242i	-3.0604-0.9963i	-0.6896-0.2759i	1.2784-0.1031i	0.8386+0.9996i	0.1703+0.1766i	0.6751-0.0217i	-0.5595-1.2305i
40.0	6.1251+0.4814i	-2.9159-0.9900i	-0.7044-0.2501i	1.2588-0.1381i	0.8805+1.0067i	0.1992+0.1633i	0.6657-0.0394i	-0.6407-1.2172i
40.1	5.8841+0.5062i	-2.7309-0.9306i	-0.6690-0.2792i	1.2438-0.1562i	0.9312+0.9779i	0.2395+0.1528i	0.6300-0.0688i	-0.6987-1.1643i
40.2	6.3661+1.2084i	-2.5364-0.8586i	-0.6626-0.2844i	1.2484-0.1836i	0.9542+0.9300i	0.2348+0.1499i	0.6084-0.1046i	-0.7023-1.1064i
40.3	7.1347+1.4143i	-2.3719-0.8596i	-0.6714-0.2975i	1.2091-0.2233i	0.9784+0.8768i	0.2418+0.1398i	0.5618-0.1366i	-0.7136-1.0383i
40.4	6.3770+0.7102i	-2.2653-0.8352i	-0.6589-0.3024i	1.1806-0.2173i	1.0224+0.8765i	0.2841+0.1210i	0.5561-0.1151i	-0.7861-1.0227i
40.5	6.7132+0.2288i	-2.0888-0.8798i	-0.6585-0.3444i	1.1674-0.2180i	1.0302+0.8396i	0.3069+0.1357i	0.5324-0.1287i	-0.8055-0.9850i
40.6	6.4722+0.7237i	-1.9126-0.7993i	-0.6564-0.3208i	1.1335-0.2151i	1.0337+0.8058i	0.3202+0.1374i	0.5123-0.1407i	-0.7963-0.9413i
40.7	5.4411+0.9978i	-1.8332-0.7757i	-0.6302-0.3193i	1.0929-0.2059i	1.0426+0.7788i	0.3188+0.1272i	0.4942-0.1216i	-0.7962-0.9143i
40.8	5.3766+1.0160i	-1.6578-0.8312i	-0.6513-0.3279i	1.0449-0.1992i	1.0741+0.7413i	0.3360+0.1225i	0.4377-0.1538i	-0.7901-0.8624i
40.9	6.5989+1.2342i	-1.4355-0.7731i	-0.6685-0.3059i	1.0861-0.2238i	1.0885+0.7245i	0.3569+0.1330i	0.4342-0.2008i	-0.8285-0.8375i
41.0	7.3634+0.3407i	-1.2671-0.8327i	-0.7148-0.2720i	1.0515-0.2958i	1.0718+0.7206i	0.3821+0.1262i	0.3928-0.2332i	-0.8416-0.8171i
41.1	6.3177+1.0623i	-1.1889-0.7966i	-0.6873-0.3250i	0.9607-0.2598i	1.0915+0.7013i	0.4059+0.0984i	0.3609-0.2269i	-0.8472-0.7833i
41.2	6.3447+1.0965i	-1.0135-0.7472i	-0.6675-0.3505i	0.9722-0.2453i	1.1040+0.6772i	0.4130+0.1107i	0.3386-0.2105i	-0.8200-0.7714i
41.3	6.0317+1.5343i	-0.8567-0.7155i	-0.6730-0.3571i	0.9520-0.2255i	1.1245+0.6674i	0.4241+0.1007i	0.3264-0.2232i	-0.8339-0.7587i
41.4	6.6091+1.8972i	-0.7159-0.6643i	-0.6912-0.3672i	0.9810-0.2086i	1.1182+0.6578i	0.4356+0.0900i	0.3190-0.2162i	-0.8467-0.7480i
41.5	7.7703+1.2368i	-0.5061-0.6522i	-0.6861-0.3104i	0.9995-0.2630i	1.1165+0.6512i	0.4566+0.0775i	0.2876-0.2313i	-0.8500-0.7193i
41.6	7.6246+0.4927i	-0.2556-0.7117i	-0.6153-0.3333i	0.9062-0.2853i	1.1315+0.6342i	0.4752+0.0633i	0.2235-0.2409i	-0.8423-0.6896i
41.7	7.4277+0.6234i	-0.0859-0.6916i	-0.5809-0.3022i	0.8905-0.2823i	1.1560+0.6139i	0.4920+0.0497i	0.2056-0.2469i	-0.8837-0.6600i
41.8	8.3421+0.2010i	0.1154-0.7133i	-0.6681-0.2830i	0.9385-0.3182i	1.1637+0.6295i	0.5086+0.0618i	0.1771-0.2559i	-0.8772-0.6636i
41.9	7.7937+1.4884i	0.2921-0.5988i	-0.6582-0.3720i	0.8662-0.2245i	1.1837+0.5913i	0.5194+0.0370i	0.1355-0.2159i	-0.8716-0.6209i
42.0	8.3783+1.1654i	0.4766-0.6548i	-0.6756-0.3804i	0.8908-0.2182i	1.1702+0.5690i	0.5105+0.0427i	0.1511-0.1935i	-0.8588-0.5998i
42.1	9.2845+0.8441i	0.6680-0.6148i	-0.7027-0.3217i	0.9648-0.3062i	1.1733+0.5863i	0.5348+0.0445i	0.1694-0.2360i	-0.8615-0.6011i
42.2	8.4076+1.0896i	0.7639-0.5442i	-0.6597-0.3104i	0.9274-0.2908i	1.1979+0.5879i	0.5448+0.0293i	0.1447-0.2372i	-0.8509-0.5847i
42.3	8.1927+0.9406i	0.9158-0.5736i	-0.6305-0.3046i	0.8824-0.2589i	1.2249+0.5636i	0.5620-0.0031i	0.1002-0.2169i	-0.8499-0.5638i
42.4	8.2886+0.8183i	1.0866-0.5427i	-0.6095-0.2327i	0.9101-0.2535i	1.2181+0.5867i	0.5659-0.0463i	0.0988-0.2219i	-0.8142-0.5627i
42.5	9.3192+1.2690i	1.3189-0.4924i	-0.6058-0.2484i	0.9460-0.2552i	1.2423+0.5649i	0.5577-0.0643i	0.0896-0.2293i	-0.8014-0.5895i
42.6	9.5250+1.9339i	1.4981-0.4214i	-0.6437-0.2322i	0.9382-0.2544i	1.2642+0.5208i	0.5555-0.0661i	0.0652-0.2329i	-0.8363-0.5697i
42.7	9.9146+1.5627i	1.7339-0.4342i	-0.6542-0.2326i	0.9196-0.2616i	1.2763+0.5135i	0.5591-0.0785i	0.0175-0.2423i	-0.8549-0.5680i
42.8	9.7956+1.9291i	1.9157-0.3609i	-0.6052-0.1893i	0.8687-0.2349i	1.3037+0.4994i	0.5662-0.0877i	-0.0259-0.2288i	-0.9004-0.5487i
42.9	9.5848+2.3243i	2.1514-0.2798i	-0.5520-0.1689i	0.8524-0.2084i	1.3079+0.4531i	0.5519-0.0886i	-0.0246-0.1825i	-0.8689-0.4849i
43.0	9.0409+1.2076i	2.2540-0.3460i	-0.5204-0.2071i	0.8728-0.2291i	1.3114+0.4450i	0.5559-0.0846i	-0.0256-0.1750i	-0.8461-0.4916i
43.1	8.7444+0.3071i	2.3938-0.4515i	-0.5166-0.1819i	0.8416-0.2649i	1.3286+0.4620i	0.5624-0.0934i	-0.0567-0.1736i	-0.8542-0.5123i
43.2	10.0008+0.9054i	2.7176-0.4328i	-0.5560-0.1888i	0.9178-0.2783i	1.3127+0.4607i	0.5832-0.0947i	-0.0305-0.2074i	-0.8408-0.5224i
43.3	10.1940+0.7099i	2.9173-0.3817i	-0.5022-0.1967i	0.8750-0.3149i	1.3288+0.4718i	0.5963-0.1066i	-0.0697-0.2138i	-0.8631-0.5654i
43.4	10.2291+0.7001i	3.0960-0.3284i	-0.4403-0.2112i	0.8339-0.3352i	1.3588+0.4582i	0.5712-0.1296i	-0.1096-0.2138i	-0.9317-0.5641i

43.5	10.0080+1.3243i	3.2866-0.2325i	-0.4295-0.1901i	0.8328-0.3021i	1.3525+0.4433i	0.5618-0.1346i	-0.0944-0.2052i	-0.9554-0.5055i
43.6	10.3869+1.4740i	3.4974-0.3039i	-0.4677-0.1658i	0.8414-0.2994i	1.3522+0.4578i	0.5810-0.1305i	-0.0835-0.2235i	-0.8958-0.4726i
43.7	11.1317+0.9539i	3.7456-0.3829i	-0.4402-0.1680i	0.8413-0.3387i	1.3726+0.4634i	0.6009-0.1352i	-0.1115-0.2501i	-0.8831-0.5161i
43.8	11.3807+1.5399i	4.0111-0.3453i	-0.4047-0.1925i	0.8135-0.3669i	1.3955+0.4566i	0.5819-0.1437i	-0.1631-0.2926i	-0.9354-0.5379i
43.9	11.3731+1.7567i	4.2369-0.2542i	-0.4074-0.1734i	0.7283-0.3395i	1.4288+0.4427i	0.6025-0.1576i	-0.2410-0.2727i	-1.0188-0.5076i
44.0	11.6743+0.9664i	4.4003-0.3229i	-0.4345-0.1573i	0.6907-0.3233i	1.4626+0.4370i	0.6200-0.1731i	-0.3064-0.2297i	-1.0454-0.4560i
44.1	11.6332+0.9119i	4.6190-0.3109i	-0.3989-0.1370i	0.6433-0.2796i	1.5085+0.4247i	0.6254-0.1969i	-0.3615-0.1784i	-1.0665-0.4134i
44.2	12.3728+0.9910i	4.9301-0.2617i	-0.3697-0.1015i	0.6962-0.2666i	1.5027+0.4002i	0.6043-0.1913i	-0.3379-0.1591i	-1.0100-0.3578i
44.3	12.0238+1.0903i	5.0863-0.2886i	-0.3654-0.0666i	0.6973-0.2394i	1.5360+0.3720i	0.6425-0.2245i	-0.3507-0.1211i	-0.9822-0.3122i
44.4	11.9910+0.8165i	5.2325-0.2619i	-0.2722-0.0357i	0.6808-0.2324i	1.5460+0.3396i	0.6270-0.2671i	-0.3591-0.0835i	-0.9421-0.3255i
44.5	12.1456+0.6947i	5.3932-0.2097i	-0.2165-0.0356i	0.7080-0.2590i	1.5422+0.3373i	0.5835-0.2781i	-0.3341-0.1037i	-0.9385-0.3862i
44.6	12.5559+1.4015i	5.6610-0.1422i	-0.2560-0.0938i	0.7302-0.2460i	1.5554+0.3425i	0.5933-0.2617i	-0.3466-0.1317i	-0.9785-0.4055i
44.7	13.5140+1.0806i	5.9655-0.1743i	-0.2033-0.0885i	0.7409-0.2190i	1.5694+0.3343i	0.5863-0.2852i	-0.3868-0.1210i	-1.0335-0.4046i
44.8	13.2581+0.5067i	6.0776-0.2162i	-0.1893-0.1151i	0.7032-0.2024i	1.5862+0.3217i	0.5594-0.2615i	-0.4043-0.0932i	-1.0465-0.3749i
44.9	13.4866+1.0936i	6.4020-0.1494i	-0.2397-0.1101i	0.7075-0.1903i	1.5927+0.3168i	0.5692-0.2484i	-0.4340-0.0900i	-1.0743-0.3321i
45.0	13.4546+1.1407i	6.6682-0.0881i	-0.2093-0.1147i	0.6498-0.1428i	1.6081+0.2942i	0.5913-0.2612i	-0.4600-0.0382i	-1.0602-0.2502i
45.1	13.5474+0.7052i	6.8949-0.2041i	-0.2056-0.0884i	0.6980-0.1289i	1.6342+0.2970i	0.5956-0.2706i	-0.4464-0.0378i	-1.0203-0.2607i
45.2	13.9037+1.0511i	7.0826-0.1759i	-0.1904-0.0723i	0.7533-0.1137i	1.6434+0.2998i	0.5963-0.2663i	-0.4443-0.0593i	-0.9990-0.2791i
45.3	14.2597+1.2041i	7.3718-0.0794i	-0.1412-0.0525i	0.7426-0.1214i	1.6617+0.3075i	0.6177-0.2617i	-0.4814-0.0658i	-1.0009-0.2845i
45.4	14.1264+1.1621i	7.5311-0.0932i	-0.1350-0.0277i	0.7415-0.1133i	1.7124+0.2848i	0.6319-0.3047i	-0.5416-0.0450i	-1.0504-0.2814i
45.5	14.3461+1.3744i	7.6976-0.0200i	-0.1174-0.0264i	0.7442-0.1084i	1.7534+0.2388i	0.6352-0.3200i	-0.5736+0.0182i	-1.1175-0.2285i
45.6	14.5254+0.8792i	8.0463-0.0537i	-0.0631+0.0247i	0.7657-0.0930i	1.7601+0.2387i	0.6244-0.3429i	-0.5512+0.0256i	-1.0580-0.2181i
45.7	14.8049+0.8772i	8.3318-0.0841i	-0.0183-0.0536i	0.7844-0.0920i	1.7952+0.2407i	0.6255-0.3413i	-0.5782-0.0122i	-1.0668-0.2573i
45.8	15.1252+0.9706i	8.7060-0.0989i	-0.0397-0.0606i	0.7985-0.0569i	1.8039+0.2020i	0.6330-0.3340i	-0.5924+0.0516i	-1.0774-0.1763i
45.9	16.0114+1.4264i	8.9845-0.0715i	-0.0035+0.0048i	0.8714-0.0364i	1.8000+0.2012i	0.6391-0.3488i	-0.5535+0.0525i	-1.0141-0.1482i
46.0	16.6361+1.1800i	9.2610-0.0735i	0.0428-0.0119i	0.9009-0.0545i	1.8397+0.1797i	0.6405-0.3581i	-0.5887+0.0317i	-0.9980-0.1617i
46.1	16.8007+0.8488i	9.5788+0.0040i	0.0670-0.0113i	0.9196-0.0687i	1.8605+0.1624i	0.6703-0.3780i	-0.5933+0.0416i	-0.9942-0.1768i
46.2	16.2809+1.2568i	9.7311-0.0445i	0.2082+0.0927i	0.9052-0.1711i	1.9192+0.1722i	0.6532-0.4411i	-0.6388-0.0269i	-1.0292-0.2636i
46.3	15.9916+1.8593i	9.9489+0.0480i	0.2764+0.0234i	0.8315-0.1187i	1.9836+0.1317i	0.6397-0.4230i	-0.7331+0.0141i	-1.1749-0.2330i
46.4	16.4771+1.2718i	10.3348-0.0624i	0.2062+0.0433i	0.8682-0.1257i	2.0080+0.0983i	0.6747-0.4425i	-0.7437+0.0503i	-1.1850-0.0984i
46.5	17.2951+1.2126i	10.5469-0.1796i	0.3015+0.1854i	0.8833-0.2163i	2.0398+0.0944i	0.6432-0.4932i	-0.8000+0.0056i	-1.1049-0.1073i
46.6	17.9274+0.5045i	10.7752-0.2255i	0.4132+0.0969i	0.8265-0.2244i	2.0683+0.0571i	0.5977-0.4823i	-0.8988+0.0497i	-1.0854-0.1435i
46.7	18.1149+0.2627i	11.0557-0.1657i	0.5011-0.0171i	0.7938-0.2186i	2.1091+0.0108i	0.5949-0.4817i	-0.9502+0.0998i	-1.1108-0.1515i
46.8	17.5665+0.5756i	11.2667-0.1019i	0.5548-0.0646i	0.7356-0.1170i	2.1368-0.0743i	0.6055-0.4673i	-0.9627+0.2240i	-1.1719-0.1130i
46.9	17.8948+1.4139i	11.5883+0.0553i	0.5077-0.0404i	0.8530-0.0552i	2.1323-0.0948i	0.6505-0.4899i	-0.9186+0.2563i	-1.1711-0.0703i
47.0	18.1360+0.6397i	12.0258-0.1443i	0.4956-0.0415i	0.9269-0.0592i	2.1554-0.1218i	0.6527-0.5665i	-0.8949+0.2695i	-1.1167-0.0209i
47.1	18.2104+0.6562i	12.1428-0.1741i	0.5890-0.0374i	0.8799-0.1295i	2.1681-0.1522i	0.5861-0.5697i	-0.9307+0.2554i	-1.0988-0.0660i
47.2	18.6203+0.3557i	12.4775-0.0964i	0.6794-0.1168i	0.8175-0.1257i	2.1951-0.1690i	0.5961-0.5229i	-0.9879+0.2734i	-1.1609-0.1119i
47.3	19.0196+1.3011i	12.7719+0.0797i	0.6915-0.1047i	0.8246-0.1143i	2.2495-0.1970i	0.6556-0.5509i	-1.0349+0.2897i	-1.2519-0.1010i
47.4	19.2717+1.9379i	13.1681+0.0740i	0.6822-0.1340i	0.8458-0.0589i	2.2853-0.2467i	0.6697-0.5889i	-1.0863+0.3383i	-1.3388-0.0417i
47.5	19.5398+1.7315i	13.4363+0.0922i	0.7048-0.1706i	0.8537-0.0471i	2.2979-0.2975i	0.6620-0.6470i	-1.0769+0.3818i	-1.3433+0.0510i
47.6	18.9582+1.1432i	13.7231-0.0407i	0.7544-0.1147i	0.8468-0.0453i	2.3562-0.3403i	0.6526-0.7023i	-1.1093+0.4313i	-1.3458+0.1456i
47.7	19.3758-0.0534i	14.0270-0.3772i	0.8411-0.0939i	0.8342-0.0845i	2.4181-0.3921i	0.6354-0.7470i	-1.1865+0.4826i	-1.3143+0.2008i
47.8	20.4144-0.1907i	14.3592-0.3555i	0.9401-0.1047i	0.8675-0.0475i	2.4488-0.4633i	0.5768-0.7550i	-1.2523+0.5597i	-1.2590+0.2237i
47.9	20.2331+0.9381i	14.6795-0.3311i	1.0151-0.1390i	0.9180-0.0020i	2.4505-0.5388i	0.5775-0.7776i	-1.2507+0.6330i	-1.2528+0.2124i
48.0	20.4992+0.1117i	14.9484-0.4324i	1.0334-0.2136i	0.8851-0.0663i	2.4190-0.6375i	0.5480-0.8349i	-1.2221+0.7012i	-1.2243+0.2847i
48.1	21.4104-0.5461i	15.2266-0.4217i	1.1044-0.2614i	0.8780-0.1035i	2.4413-0.7130i	0.5120-0.8396i	-1.2683+0.7722i	-1.2260+0.2740i
48.2	22.2950+0.6308i	15.6262-0.3168i	1.1363-0.3041i	0.9338-0.0224i	2.4315-0.7706i	0.5288-0.8604i	-1.2515+0.8388i	-1.2803+0.2954i
48.3	22.4972+1.1723i	15.9282-0.3539i	1.1275-0.2604i	0.9359-0.0439i	2.4123-0.8135i	0.5101-0.9197i	-1.2405+0.8358i	-1.2866+0.3443i
48.4	22.2143+0.7930i	16.1349-0.4251i	1.1749-0.2434i	0.8970-0.0752i	2.3910-0.8927i	0.4421-0.9571i	-1.2525+0.9129i	-1.2675+0.4453i
48.5	21.8464+0.5846i	16.3682-0.4211i	1.2520-0.3167i	0.9133-0.0268i	2.3562-0.9421i	0.4015-0.9596i	-1.2097+0.9705i	-1.2093+0.4919i
48.6	22.9559+0.7716i	16.8411-0.3837i	1.2598-0.3667i	0.9803-0.0105i	2.3128-0.9683i	0.3636-0.9631i	-1.1520+0.9795i	-1.1341+0.5224i
48.7	22.5431+1.7729i	17.0955-0.2586i	1.2491-0.4051i	0.9791-0.0089i	2.3105-1.0177i	0.3433-1.0136i	-1.1426+0.9921i	-1.0730+0.5424i
48.8	23.4241+0.3399i	17.6629-0.5157i	1.2813-0.3617i	1.0119-0.1058i	2.3614-1.0791i	0.2785-1.1367i	-1.2038+1.0192i	-1.0266+0.5381i
48.9	22.8616-0.6241i	17.7530-0.6685i	1.3068-0.3353i	0.9804-0.1414i	2.3253-1.1062i	0.1688-1.1241i	-1.2202+1.0317i	-1.0044+0.4880i
49.0	24.7931-0.7822i	18.1716-0.7148i	1.5086-0.4518i	1.0546-0.1411i	2.2613-1.1506i	0.1320-1.0426i	-1.1875+1.1080i	-1.0689+0.4759i
49.1	24.6694-1.3235i	18.4180-0.7294i	1.5560-0.4912i	1.0013-0.0947i	2.2412-1.1903i	0.1212-1.0748i	-1.1722+1.1592i	-1.0405+0.5419i
49.2	24.6044-1.3216i	18.7539-0.4946i	1.6244-0.6494i	0.9708-0.0183i	2.2064-1.1929i	0.1208-1.0378i	-1.1517+1.1863i	-1.0348+0.5374i
49.3	26.2986-0.2347i	19.3780-0.4790i	1.7052-0.6877i	1.0916-0.1084i	2.2484-1.2057i	0.1146-1.0777i	-1.2040+1.1625i	-1.0944+0.5706i
49.4	26.6118-0.6818i	19.8087-0.6814i	1.6840-0.6995i	1.0956-0.1592i	2.2986-1.2293i	0.0917-1.1730i	-1.2716+1.1722i	-1.0892+0.6952i
49.5	26.0925-0.8304i	20.0128-0.7248i	1.7892-0.7134i	1.0519-0.1406i	2.2803-1.2660i	-0.0420-1.1712i	-1.2682+1.2048i	-0.9361+0.6851i
49.6	26.5857-1.4870i	20.4887-1.0027i	1.8697-0.7936i	1.0379-0.1754i	2.3050-1.3240i	-0.0913-1.1554i	-1.3268+1.2755i	-0.9666+0.6741i
49.7	27.2214-1.8366i	20.9316-1.0239i	1.9405-0.8558i	1.0740-0.1685i	2.2983-1.3851i	-0.1400-1.1772i	-1.3418+1.3627i	-0.9273+0.7767i

49.8	27.0601-1.8664i	21.2781-1.0311i	1.9150-0.8928i	1.0883-0.1813i	2.2570-1.4010i	-0.2449-1.2160i	-1.3016+1.3558i	-0.7808+0.7740i
49.9	26.9546-2.0043i	21.5295-1.2595i	1.9910-0.8888i	1.0557-0.2166i	2.2404-1.4295i	-0.3834-1.1865i	-1.3179+1.3791i	-0.6949+0.6887i
50.0	28.2602-1.6722i	21.9972-1.2630i	2.0904-1.0118i	1.0488-0.2055i	2.2945-1.4575i	-0.3888-1.1202i	-1.4194+1.4164i	-0.7718+0.5924i
50.1	28.5180-1.9374i	22.4446-1.2667i	2.1530-1.0550i	1.0562-0.1953i	2.3675-1.5338i	-0.4194-1.1707i	-1.4965+1.5017i	-0.8317+0.6206i
50.2	28.1404-3.0223i	22.8386-1.5128i	2.2624-1.2142i	1.0215-0.2248i	2.3578-1.6189i	-0.5473-1.0851i	-1.5240+1.6356i	-0.8305+0.6184i
50.3	29.2162-1.7685i	23.2570-1.3575i	2.3805-1.2411i	1.0076-0.1924i	2.3477-1.6211i	-0.6497-1.0349i	-1.5490+1.6324i	-0.7924+0.6253i
50.4	29.7805-2.2779i	23.6067-1.4089i	2.5010-1.3042i	1.0099-0.1914i	2.3265-1.6754i	-0.7686-0.9749i	-1.5564+1.7186i	-0.7601+0.6355i
50.5	29.2600-2.6792i	23.9768-1.5694i	2.5399-1.4033i	1.0213-0.1483i	2.3109-1.7862i	-0.8144-0.9019i	-1.5433+1.8680i	-0.7380+0.6900i
50.6	28.9620-1.7713i	24.3055-1.6718i	2.6818-1.5433i	1.0470-0.1067i	2.3001-1.9023i	-0.8383-0.8615i	-1.4999+1.9973i	-0.6862+0.7222i
50.7	29.6252-1.8716i	24.6167-1.6684i	2.8265-1.6287i	1.0709-0.1716i	2.2739-1.9309i	-0.8827-0.8158i	-1.4755+2.0271i	-0.6844+0.6395i
50.8	30.6957-1.9611i	25.0852-1.6592i	2.8577-1.7924i	1.0673-0.2277i	2.2503-1.9659i	-0.9172-0.7353i	-1.4908+2.0691i	-0.7357+0.6210i
50.9	31.6385-2.5097i	25.5526-1.8721i	2.9185-2.0992i	1.0910-0.2040i	2.2506-2.0111i	-0.9323-0.6443i	-1.4963+2.1259i	-0.7247+0.6772i
51.0	31.3122-3.4727i	25.8868-1.9750i	2.9724-2.2695i	1.0612-0.1989i	2.2988-2.0790i	-0.9292-0.5808i	-1.5487+2.2270i	-0.7401+0.6840i
51.1	32.0137-3.2010i	26.5382-2.0096i	2.9901-2.3930i	1.0779-0.2411i	2.3145-2.1515i	-0.9014-0.5973i	-1.5727+2.2889i	-0.7941+0.7534i
51.2	32.4063-3.1271i	27.0211-2.3557i	3.0180-2.4681i	1.0231-0.2671i	2.2749-2.2526i	-1.0218-0.6193i	-1.5564+2.4101i	-0.6899+0.8541i
51.3	32.6750-2.8449i	27.4608-2.3535i	3.0468-2.5949i	1.0576-0.2338i	2.2645-2.3698i	-1.1371-0.5107i	-1.5646+2.5735i	-0.6058+0.8537i
51.4	33.3901-3.0485i	28.0140-2.4325i	3.0815-2.8432i	1.0952-0.2135i	2.2385-2.4506i	-1.2068-0.3724i	-1.5519+2.6670i	-0.5485+0.8240i
51.5	33.2649-3.2214i	28.3544-2.6289i	3.1025-3.1904i	1.1021-0.2677i	2.1894-2.5861i	-1.1321-0.2656i	-1.5068+2.8194i	-0.5814+0.8129i
51.6	34.4016-2.4355i	28.9566-2.5851i	2.8433-3.4440i	1.1453-0.2611i	2.1313-2.6582i	-1.0787-0.2683i	-1.4480+2.8782i	-0.6008+0.8696i
51.7	35.9484-3.5848i	29.5834-2.8674i	2.6974-3.5747i	1.1428-0.2932i	2.0792-2.7170i	-1.1994-0.2866i	-1.4386+2.9606i	-0.4717+0.9173i
51.8	35.9063-4.9486i	29.9025-3.3067i	2.8351-3.6531i	1.0739-0.3006i	2.0370-2.7721i	-1.2632-0.1545i	-1.4123+3.0764i	-0.4490+0.8515i
51.9	34.4588-4.9149i	29.9205-3.4055i	2.9170-3.9456i	0.9536-0.2606i	2.0115-2.8553i	-1.2499-0.0565i	-1.3874+3.2011i	-0.4946+0.8761i
52.0	34.8206-4.0037i	30.4495-3.2800i	2.8182-4.0056i	1.0092-0.2057i	1.9055-2.9436i	-1.2754+0.0437i	-1.2942+3.3265i	-0.4353+0.8909i
52.1	35.7679-5.2742i	31.2248-3.7575i	2.4657-4.0939i	1.0356-0.2541i	1.8009-3.0790i	-1.2853+0.1150i	-1.2037+3.4909i	-0.3576+0.9653i
52.2	36.0617-5.5706i	31.5722-4.2032i	2.3926-4.3103i	1.0163-0.2162i	1.7148-3.1602i	-1.3042+0.2649i	-1.1248+3.6269i	-0.2529+0.9519i
52.3	36.1263-5.6734i	31.7082-4.2751i	2.3575-4.5349i	1.0452-0.2005i	1.5939-3.1850i	-1.3329+0.3741i	-0.9800+3.6857i	-0.1194+0.8843i
52.4	35.8770-5.4111i	32.0858-4.3288i	2.4774-4.5794i	1.0536-0.2386i	1.5557-3.2472i	-1.3277+0.4793i	-0.9327+3.7413i	-0.1025+0.7967i
52.5	35.9403-5.6638i	32.4747-4.6593i	2.4018-5.0209i	1.0153-0.2799i	1.4456-3.4023i	-1.2500+0.6287i	-0.8354+3.9587i	-0.1297+0.8010i
52.6	37.6095-6.4877i	33.0626-5.1646i	2.1761-5.1694i	1.0109-0.2852i	1.3057-3.4642i	-1.1787+0.7244i	-0.7068+4.0576i	-0.0759+0.8367i
52.7	37.5001-6.5405i	33.3317-5.0098i	2.0056-5.5587i	1.0939-0.2508i	1.2386-3.4884i	-1.0933+0.8720i	-0.6027+4.1057i	-0.0081+0.7380i
52.8	38.0829-7.0032i	33.8959-4.9969i	1.7354-5.8171i	1.1337-0.3292i	1.1636-3.5306i	-0.9605+0.8680i	-0.5091+4.1780i	-0.0007+0.7075i
52.9	39.2862-6.8960i	34.4813-5.1152i	1.4909-5.8198i	1.0848-0.3173i	1.0869-3.5043i	-0.9584+0.8032i	-0.4102+4.1738i	0.0317+0.6957i
53.0	38.8456-6.7027i	34.8501-5.4528i	1.3078-5.8746i	1.0753-0.2576i	0.9552-3.5681i	-0.9623+0.8370i	-0.2649+4.2456i	0.1112+0.6690i
53.1	39.2571-7.4648i	35.4967-5.8558i	1.0183-6.1039i	1.0462-0.2940i	0.8405-3.6648i	-0.9853+0.9750i	-0.1798+4.3775i	0.1978+0.5744i
53.2	38.5715-7.9029i	35.4297-6.1628i	0.8263-6.2046i	0.9587-0.3129i	0.6824-3.6831i	-0.9407+1.0023i	-0.0030+4.4472i	0.2305+0.5067i
53.3	39.5070-7.8909i	35.9373-6.3704i	0.6534-6.2057i	0.9788-0.2585i	0.5658-3.6945i	-0.9036+1.0461i	0.0999+4.4934i	0.2577+0.4250i
53.4	41.0290-8.4527i	36.6953-6.4822i	0.2103-6.4738i	0.9953-0.3072i	0.4218-3.7530i	-0.8960+1.2338i	0.2117+4.5703i	0.2085+0.2567i
53.5	41.4919-8.8131i	37.1101-6.7364i	-0.0165-6.5274i	1.0164-0.2998i	0.3361-3.7455i	-0.8233+1.3175i	0.2943+4.6232i	0.1139+0.2419i
53.6	40.4242-8.5453i	37.2063-6.8637i	-0.3311-6.7737i	0.9299-0.1919i	0.1888-3.7643i	-0.6733+1.4287i	0.4694+4.7446i	0.1304+0.2848i
53.7	40.6195-8.0963i	37.6188-6.9181i	-0.7282-6.7682i	0.9422-0.1958i	0.0397-3.7536i	-0.5276+1.4663i	0.6452+4.7568i	0.1532+0.1845i
53.8	43.0213-9.1326i	38.3529-7.0302i	-1.1797-6.7244i	0.9816-0.1919i	-0.1162-3.6883i	-0.3955+1.4730i	0.8143+4.7215i	0.0325+0.0916i
53.9	42.0750-10.5126i	38.6811-7.2948i	-1.9095-6.5058i	0.8403-0.1550i	-0.2221-3.5460i	-0.2739+1.3588i	0.9164+4.6300i	0.0014+0.1501i
54.0	41.7257-11.6751i	39.2958-8.1779i	-2.1784-5.8875i	0.7782-0.1122i	-0.3079-3.5325i	-0.3147+1.2716i	0.9865+4.6810i	0.0769+0.1603i
54.1	40.9194-11.6731i	39.4561-8.5915i	-2.1077-5.6815i	0.7917+0.0346i	-0.3674-3.5459i	-0.3705+1.3835i	1.0785+4.8147i	0.0978+0.0945i
54.2	40.1257-11.0293i	39.2038-8.5418i	-2.0422-6.2009i	0.8754+0.1972i	-0.5477-3.4936i	-0.1992+1.5957i	1.4324+4.8696i	0.1146-0.0532i
54.3	41.1729-11.7219i	40.0667-8.9064i	-2.2944-5.9424i	0.9045+0.1276i	-0.6498-3.4206i	-0.0267+1.4646i	1.5752+4.8056i	0.0269-0.0780i
54.4	43.4347-10.9453i	41.2997-9.0933i	-2.4936-5.3156i	1.0628+0.1726i	-0.6957-3.3660i	-0.0809+1.3443i	1.6360+4.7710i	0.0334-0.0771i
54.5	44.2439-12.2816i	41.8470-9.8449i	-2.6306-4.8934i	1.1955+0.1622i	-0.7816-3.3197i	-0.1175+1.3889i	1.7627+4.8171i	0.0233-0.1803i
54.6	41.9779-13.8909i	41.4275-10.8518i	-2.5718-5.0386i	1.1518+0.2070i	-0.9183-3.3352i	-0.0956+1.5313i	2.0275+4.9391i	-0.0387-0.2965i
54.7	41.8557-14.3815i	41.3202-10.9695i	-2.3671-5.3847i	1.2291+0.1367i	-0.9869-3.3491i	-0.0236+1.7560i	2.2056+4.9912i	-0.2137-0.4042i
54.8	43.3062-13.4450i	41.8394-10.3863i	-2.8400-5.5947i	1.3070+0.0775i	-1.0826-3.2413i	0.2907+1.8124i	2.3598+4.8702i	-0.4537-0.3433i
54.9	44.9558-15.1067i	42.6884-11.1223i	-3.4267-5.3150i	1.3311+0.0110i	-1.0933-3.1162i	0.4205+1.4768i	2.4294+4.7463i	-0.5028-0.0894i
55.0	43.9967-14.8889i	42.2692-11.8006i	-3.2651-5.0466i	1.4212+0.0720i	-1.1637-3.0814i	0.2329+1.4029i	2.6312+4.7201i	-0.3769-0.0764i
55.1	43.8423-14.4682i	42.2695-11.8785i	-3.1825-5.0425i	1.4029-0.0015i	-1.2679-3.0750i	0.2361+1.5324i	2.8741+4.6811i	-0.3922-0.1272i
55.2	42.5346-14.9388i	42.0578-12.1201i	-3.2961-5.0836i	1.3382-0.1276i	-1.3963-3.0092i	0.3404+1.6057i	3.1175+4.5881i	-0.4299-0.1001i
55.3	40.9646-16.0136i	41.7648-11.7729i	-3.8315-5.1969i	1.3730-0.2483i	-1.5297-2.9220i	0.3802+1.7045i	3.3435+4.4547i	-0.4278-0.1263i
55.4	42.0113-14.8257i	41.8904-11.3580i	-4.1413-5.3301i	1.3435-0.2505i	-1.6538-2.7932i	0.5706+1.7533i	3.5156+4.2391i	-0.4769-0.1070i
55.5	43.0587-13.6747i	42.4777-10.8011i	-4.4519-5.2000i	1.2990-0.2342i	-1.7077-2.6504i	0.7893+1.6502i	3.6039+4.0303i	-0.4917-0.0614i
55.6	44.5650-14.1478i	43.7521-10.9864i	-4.9488-4.5855i	1.3020-0.2676i	-1.7651-2.5555i	0.8196+1.4341i	3.6957+3.8807i	-0.4490-0.0112i
55.7	44.0296-15.7070i	43.8677-11.2608i	-4.8614-4.1550i	1.3042-0.2791i	-1.7912-2.5092i	0.7197+1.4856i	3.7287+3.8257i	-0.4411-0.0357i
55.8	44.0878-13.1171i	44.2253-10.3651i	-4.6062-3.8247i	1.2808-0.1493i	-1.8350-2.4094i	0.7506+1.5177i	3.7849+3.6868i	-0.4428-0.0552i
55.9	43.9113-12.5252i	44.7168-9.8003i	-4.7278-3.7933i	1.2818-0.0951i	-1.8734-2.2993i	0.8128+1.5353i	3.8567+3.5534i	-0.4610-0.0740i
56.0	43.3060-13.9987i	45.2275-9.9284i	-5.0828-3.7933i	1.2359-0.1775i	-1.9092-2.1459i	0.9535+1.5450i	3.9022+3.3684i	-0.4785-0.0749i

56.1	44.3971-13.1003i	46.3944-9.8202i	-5.3587-3.3894i	1.2198-0.0926i	-1.9008-2.0096i	1.0884+1.3397i	3.9198+3.2097i	-0.5127-0.0430i
56.2	43.4916-12.7767i	46.5791-10.2444i	-5.2338-3.0519i	1.1822-0.0409i	-1.9315-1.9362i	1.0153+1.2559i	3.9903+3.1049i	-0.4897-0.0231i
56.3	44.1461-13.5984i	47.2626-10.2799i	-5.0385-2.9309i	1.2763-0.1283i	-1.9306-1.8551i	0.9911+1.3398i	3.9818+2.9909i	-0.4903-0.0560i
56.4	43.7592-12.9077i	47.9209-9.6812i	-5.1008-2.7519i	1.2796-0.0775i	-1.9405-1.7735i	1.0367+1.4048i	4.0198+2.9285i	-0.5153-0.1205i
56.5	46.0035-12.0916i	49.2737-9.5828i	-4.8666-2.5990i	1.3656+0.0011i	-1.9317-1.7117i	1.0954+1.4005i	4.0610+2.8434i	-0.5572-0.1272i
56.6	47.2867-12.7294i	50.0874-9.7748i	-4.3747-2.3494i	1.3666-0.0619i	-1.9070-1.6114i	1.1181+1.3599i	4.0287+2.7486i	-0.5454-0.1168i
56.7	47.1200-13.6161i	50.5502-9.8793i	-4.6642-2.1537i	1.3402-0.1271i	-1.8770-1.5043i	1.1500+1.3380i	3.9868+2.6274i	-0.5557-0.1256i
56.8	47.9113-12.6153i	51.6175-9.9077i	-4.8120-2.0883i	1.4053-0.1182i	-1.8782-1.4249i	1.2013+1.3085i	4.0169+2.4924i	-0.5905-0.1207i
56.9	50.3206-11.6862i	52.8831-9.8035i	-4.5362-2.3091i	1.5437-0.0717i	-1.8418-1.3689i	1.2540+1.3000i	3.9739+2.4214i	-0.6292-0.1219i
57.0	49.9589-11.9535i	53.5603-9.3714i	-4.6734-2.2857i	1.4748-0.0282i	-1.8111-1.3047i	1.2636+1.2748i	3.9422+2.3663i	-0.6467-0.1477i
57.1	49.9845-12.1840i	54.3885-9.4597i	-5.0104-1.9063i	1.4463-0.1034i	-1.7669-1.2056i	1.3374+1.2138i	3.9027+2.2785i	-0.6660-0.1574i
57.2	53.3832-12.2555i	56.5306-10.2496i	-5.2376-1.9060i	1.5568-0.0924i	-1.7318-1.1505i	1.4449+1.0880i	3.8645+2.2028i	-0.7306-0.1110i
57.3	53.7883-13.9470i	57.5638-10.9919i	-5.1084-1.8583i	1.4931-0.1065i	-1.7456-1.1379i	1.4036+1.0119i	3.8998+2.1946i	-0.7488-0.0739i
57.4	55.0962-14.7007i	58.4716-11.3060i	-4.9712-1.9609i	1.5884-0.1578i	-1.7249-1.1116i	1.3345+1.0814i	3.8831+2.1589i	-0.7424-0.0849i
57.5	57.0656-14.7523i	59.7814-11.8204i	-4.9232-1.7924i	1.6485-0.1737i	-1.7430-1.0186i	1.3184+1.0940i	3.9133+2.1027i	-0.7364-0.1020i
57.6	56.5504-14.5075i	60.5059-11.6219i	-4.9593-1.6031i	1.6433-0.2061i	-1.7275-0.9871i	1.3291+1.1115i	3.8990+2.0913i	-0.7494-0.1019i
57.7	57.1508-14.6309i	61.6292-11.9762i	-4.9513-1.4799i	1.6504-0.2355i	-1.7014-0.9398i	1.3527+1.0995i	3.9069+2.0603i	-0.7899-0.0811i
57.8	58.9557-15.2047i	62.4487-12.6067i	-4.9792-1.6184i	1.7235-0.2000i	-1.6803-0.8777i	1.3617+1.0942i	3.8917+2.0021i	-0.7850-0.0726i
57.9	59.4490-16.2390i	63.7115-13.0873i	-5.2132-1.7210i	1.7211-0.2270i	-1.6614-0.8268i	1.4012+1.0947i	3.9217+1.9820i	-0.8063-0.0740i
58.0	59.3033-15.1045i	64.5821-13.2362i	-5.2705-1.4048i	1.7683-0.2397i	-1.6209-0.7746i	1.3844+1.0771i	3.9203+1.9451i	-0.8180-0.0770i
58.1	59.6144-15.0651i	65.3179-13.4655i	-5.1924-1.3036i	1.7668-0.1904i	-1.5910-0.7293i	1.3810+1.0963i	3.9196+1.9451i	-0.8193-0.0660i
58.2	60.1489-14.6561i	66.5647-13.5847i	-5.2787-1.3885i	1.8456-0.1396i	-1.5853-0.6957i	1.4275+1.1242i	3.9744+1.9384i	-0.8337-0.0625i
58.3	65.4508-14.0991i	69.0836-14.2269i	-5.4601-1.6142i	2.0104-0.2297i	-1.5915-0.6664i	1.4956+1.1463i	4.0234+1.8765i	-0.8020-0.0447i
58.4	64.8088-17.9432i	69.7719-15.5366i	-5.6701-1.5646i	1.8944-0.4276i	-1.5580-0.6112i	1.5230+1.2189i	4.0553+1.8394i	-0.8290-0.1108i
58.5	65.6182-17.5172i	71.0273-15.6326i	-6.0177-1.6187i	1.9045-0.4194i	-1.5433-0.5929i	1.5991+1.2468i	4.0984+1.8393i	-0.8869-0.1322i
58.6	65.6211-18.3619i	71.8448-16.6293i	-6.3660-1.4902i	1.8565-0.4066i	-1.5061-0.5302i	1.6089+1.1843i	4.0956+1.7589i	-0.8977-0.1109i
58.7	66.8781-19.2443i	73.1333-17.3383i	-6.7786-1.1510i	1.9195-0.4293i	-1.4651-0.4762i	1.6128+1.1806i	4.1212+1.7181i	-0.9389-0.1429i
58.8	67.0451-19.0998i	74.0719-17.9833i	-6.7443-0.8974i	2.0065-0.4953i	-1.4258-0.4425i	1.6759+1.2283i	4.1902+1.6625i	-0.9962-0.2027i
58.9	67.7467-19.2611i	75.3990-18.6215i	-6.6946-0.7258i	2.0152-0.5018i	-1.3750-0.4227i	1.7576+1.2729i	4.2156+1.6329i	-1.1143-0.2053i
59.0	67.2942-21.1794i	75.9441-19.6479i	-6.8738-0.6291i	1.9065-0.6092i	-1.3613-0.3976i	1.8445+1.2856i	4.2445+1.5875i	-1.1599-0.2170i
59.1	70.8894-21.6930i	77.7990-20.5102i	-6.9127-0.3879i	2.0345-0.6321i	-1.3056-0.3692i	1.9225+1.2703i	4.2312+1.5248i	-1.2334-0.1807i
59.2	71.7617-21.6489i	78.7631-20.6828i	-7.3582-0.2959i	2.0071-0.6363i	-1.2721-0.3493i	1.9857+1.2463i	4.2298+1.4648i	-1.2795-0.1825i
59.3	73.1804-21.5852i	79.9450-21.0533i	-7.6672+0.2173i	1.9958-0.6563i	-1.2414-0.3196i	2.0957+1.2498i	4.2266+1.4102i	-1.3427-0.1728i
59.4	75.3368-23.6024i	82.0703-23.2614i	-8.0633+0.6051i	2.0065-0.7486i	-1.2277-0.2809i	2.1999+1.2027i	4.2680+1.2980i	-1.4347-0.0953i
59.5	73.2993-24.0929i	82.2114-24.1393i	-8.1186+0.6803i	1.8668-0.7946i	-1.1972-0.2788i	2.2611+1.1832i	4.2967+1.2509i	-1.4772-0.0445i
59.6	73.8566-25.0527i	83.8230-24.4097i	-8.0594+0.4952i	1.8416-0.8646i	-1.1757-0.2862i	2.3713+1.1749i	4.3493+1.2544i	-1.5523-0.0042i
59.7	75.7963-26.9592i	85.3038-25.9724i	-8.2511+0.9182i	1.8589-0.9030i	-1.1645-0.2733i	2.4317+1.1049i	4.3620+1.1957i	-1.5844+0.0527i
59.8	76.2890-27.5692i	86.6127-26.3492i	-8.5849+1.1047i	1.7471-0.9179i	-1.1322-0.2638i	2.5096+1.0969i	4.3523+1.1899i	-1.6479+0.0596i
59.9	77.8280-28.1259i	87.4544-24.6707i	-9.2158+4.3014i	1.1785+2.5516i	-1.1144-0.2823i	2.5956+1.0792i	4.3439+1.1591i	-1.6861+0.1015i
60.0	80.7762-29.3620i	88.3172-22.1673i	-10.4794+7.6244i	-0.2066+6.8422i	-1.1044-0.3165i	2.6785+1.0458i	4.3312+1.1464i	-1.7357+0.1859i
60.1	81.4267-29.7915i	90.3266-29.0520i	-9.8374+3.3937i	0.9506-0.1023i	-1.0908-0.2437i	2.7122+0.9419i	4.3319+1.0821i	-1.7853+0.2222i
60.2	80.7756-29.6438i	92.0365-30.4414i	-9.0928+2.9830i	1.8923-1.0961i	-1.0692-0.2324i	2.7755+0.8918i	4.3429+1.0549i	-1.8311+0.3130i
60.3	82.2267-32.0858i	93.3695-32.6145i	-9.1343+3.3662i	1.8541-0.9285i	-1.0590-0.2085i	2.8117+0.7590i	4.3430+0.9883i	-1.8456+0.4336i
60.4	83.4293-32.3777i	95.2876-33.4190i	-9.2500+3.3965i	1.8213-0.9147i	-1.0492-0.2042i	2.8519+0.7133i	4.3926+0.9723i	-1.8736+0.5255i
60.5	84.5160-33.1056i	97.3167-34.0881i	-9.1562+3.3720i	1.8240-0.9428i	-1.0438-0.1986i	2.8972+0.7095i	4.4202+1.0086i	-1.9150+0.6286i
60.6	85.4554-35.0516i	97.9091-35.9454i	-9.4377+3.9333i	1.8981-1.0738i	-1.0225-0.1705i	2.9331+0.6615i	4.3954+0.9733i	-1.9014+0.7242i
60.7	83.9957-37.4065i	98.1753-38.6527i	-9.9642+4.2802i	1.6520-1.1449i	-1.0026-0.1216i	2.9909+0.5321i	4.4028+0.8799i	-1.7820+0.8168i
60.8	84.8975-37.4197i	99.3015-39.8662i	-10.3140+4.6827i	1.6346-1.1031i	-0.9791-0.0897i	3.0042+0.4815i	4.4311+0.8294i	-1.7006+0.8610i
60.9	85.9197-40.9885i	100.5376-42.2482i	-10.6716+5.8227i	1.6294-1.2709i	-0.9482-0.0606i	3.1025+0.4764i	4.4574+0.8165i	-1.6768+0.8286i
61.0	87.3010-41.6597i	102.6608-43.2768i	-10.9196+6.1572i	1.6029-1.2425i	-0.9345-0.0733i	3.1981+0.4986i	4.5225+0.8184i	-1.7156+0.7739i
61.1	87.8909-42.6819i	103.3850-44.5162i	-10.7013+6.6955i	1.5678-1.2754i	-0.9273-0.0776i	3.2828+0.4300i	4.5393+0.7879i	-1.7221+0.8072i
61.2	89.6204-43.7557i	105.0444-46.4188i	-10.8707+7.7070i	1.5679-1.2771i	-0.9302-0.0486i	3.4319+0.2957i	4.5562+0.7354i	-1.8056+0.8600i
61.3	92.4506-44.3513i	107.5476-47.3430i	-11.2132+8.3921i	1.6295-1.2579i	-0.9147-0.0412i	3.5008+0.2413i	4.5571+0.7470i	-1.8999+0.8891i
61.4	94.3026-45.5669i	109.3404-49.7766i	-11.3310+9.0357i	1.6685-1.2048i	-0.9103-0.0340i	3.5276+0.1303i	4.6127+0.6627i	-1.9185+0.9659i
61.5	93.9200-46.8678i	109.8416-52.3014i	-11.2729+9.7996i	1.5510-1.1709i	-0.8904+0.0088i	3.5507-0.0382i	4.6208+0.5991i	-1.9010+1.0077i
61.6	94.7482-50.4659i	111.0960-54.5239i	-11.3754+11.1117i	1.4934-1.3114i	-0.8538+0.0291i	3.5731-0.1006i	4.6315+0.6075i	-1.9521+1.0744i
61.7	95.8882-52.4062i	112.3541-56.3460i	-12.0196+12.3085i	1.5287-1.4053i	-0.8282+0.0448i	3.5728-0.1774i	4.6104+0.5815i	-2.0125+1.1378i
61.8	97.8375-54.7082i	114.7234-60.0399i	-11.9493+12.2963i	1.4818-1.3640i	-0.8239+0.0845i	3.6895-0.4022i	4.7168+0.4686i	-2.0678+1.3169i
61.9	100.0660-55.9795i	117.2885-62.5439i	-11.6809+13.2948i	1.5250-1.3885i	-0.8268+0.1005i	3.7812-0.5163i	4.7848+0.4744i	-2.1120+1.4259i
62.0	102.0887-57.0235i	119.3441-63.9928i	-11.6829+14.4728i	1.6259-1.4058i	-0.8140+0.1063i	3.8220-0.5492i	4.7778+0.4846i	-2.1645+1.5144i
62.1	103.4972-59.5796i	121.2976-67.0358i	-11.0510+15.8860i	1.5220-1.4419i	-0.7805+0.1199i	3.8349-0.6737i	4.8619+0.4680i	-2.1735+1.6503i
62.2	102.0624-62.3592i	121.0016-69.9481i	-10.2926+16.2216i	1.4155-1.4024i	-0.7383+0.1347i	3.7793-0.8272i	4.9035+0.4191i	-2.0577+1.7800i
62.3	101.5099-65.2401i	120.8120-73.3645i	-9.4316+17.6394i	1.3835-1.4756i	-0.7007+0.1677i	3.7447-0.9593i	4.9295+0.3715i	-2.0324+1.8976i

62.4	104.5884-65.9282i	122.1218-76.5804i	-9.2086+19.5434i	1.4669-1.3635i	-0.6721+0.1804i	3.6631-1.0792i	4.9171+0.3175i	-1.9689+1.9975i
62.5	102.4739-69.8373i	122.3726-80.3266i	-9.3864+20.8217i	1.3941-1.4146i	-0.6484+0.1916i	3.6315-1.1513i	4.9624+0.2632i	-1.9212+2.0938i
62.6	102.2821-72.6435i	124.2118-82.8576i	-9.4024+21.2450i	1.3615-1.4619i	-0.6348+0.2053i	3.6670-1.2487i	5.0594+0.2578i	-1.8935+2.2082i
62.7	101.8039-75.5587i	123.3005-87.1797i	-7.4903+22.9085i	1.2589-1.5205i	-0.5969+0.2329i	3.6167-1.4372i	5.0919+0.1689i	-1.7809+2.3230i
62.8	104.3524-78.0799i	125.1715-90.4286i	-6.3164+24.1542i	1.3770-1.5852i	-0.5611+0.2373i	3.6036-1.4688i	5.1831+0.1534i	-1.7213+2.3952i
62.9	104.3668-80.5337i	124.6218-91.8074i	-5.7198+24.5135i	1.3715-1.6375i	-0.5261+0.2467i	3.5714-1.4822i	5.1634+0.1245i	-1.6703+2.4207i
63.0	102.2286-84.0009i	121.7496-97.7627i	-4.1055+26.9318i	1.2844-1.6214i	-0.4640+0.2998i	3.3536-1.6844i	5.1908-0.0559i	-1.4896+2.4859i
63.1	102.6566-88.1728i	123.0834-101.4194i	-2.6574+28.2202i	1.2859-1.7083i	-0.4408+0.2946i	3.3691-1.7426i	5.2785-0.0714i	-1.4381+2.5952i
63.2	104.7733-90.5210i	125.3730-105.4586i	-1.5736+28.0167i	1.2695-1.7635i	-0.4266+0.2709i	3.4139-1.8643i	5.3866-0.1461i	-1.3759+2.7043i
63.3	102.3344-94.2195i	123.4102-110.8890i	0.5289+29.1884i	1.1284-1.8573i	-0.3759+0.2874i	3.3279-1.9752i	5.4481-0.3171i	-1.2358+2.7790i
63.4	102.9111-96.2785i	124.4415-114.0077i	1.6485+30.9295i	1.0984-1.8823i	-0.3430+0.2864i	3.3444-2.0510i	5.4944-0.3554i	-1.1643+2.8326i
63.5	102.9973-97.8546i	125.0829-116.4117i	2.7163+31.3814i	1.0640-1.8792i	-0.3117+0.2859i	3.3501-2.0942i	5.5434-0.4235i	-1.1193+2.8311i
63.6	102.8464-101.2229i	124.2130-120.9007i	4.1239+32.2636i	1.0122-1.8787i	-0.2909+0.2902i	3.2834-2.1621i	5.5526-0.5568i	-1.0177+2.8461i
63.7	103.3947-101.0901i	122.3965-122.2845i	8.0648+33.1797i	0.9981-1.8954i	-0.2434+0.2840i	3.1938-2.1309i	5.5396-0.5523i	-0.9327+2.9182i
63.8	100.6299-105.6552i	120.9635-125.6161i	9.8806+33.9122i	0.8373-2.0768i	-0.1990+0.2727i	3.1655-2.1472i	5.5305-0.5986i	-0.8671+2.9779i
63.9	98.6315-109.8971i	118.6239-131.7170i	11.4905+34.2784i	0.7074-2.0280i	-0.1629+0.2837i	3.0998-2.3094i	5.5804-0.7708i	-0.7696+3.0022i
64.0	99.6996-110.3357i	119.6763-133.9470i	12.5039+33.8861i	0.7291-1.8726i	-0.1413+0.2603i	3.1329-2.3017i	5.6336-0.8304i	-0.7591+2.9851i
64.1	100.0378-116.3256i	119.7755-141.0184i	14.7583+33.6923i	0.7026-1.9303i	-0.1192+0.2444i	3.0968-2.4222i	5.7355-1.0025i	-0.6114+3.0324i
64.2	95.9610-120.6737i	116.5826-147.3094i	19.2807+34.8352i	0.4846-1.9912i	-0.0859+0.2456i	3.0848-2.5743i	5.8395-1.1144i	-0.4576+3.0814i
64.3	94.0350-122.6544i	113.6991-149.4350i	22.3025+33.6959i	0.3444-1.9926i	-0.0447+0.2235i	3.0248-2.5665i	5.8363-1.2113i	-0.3977+3.0410i
64.4	92.8732-122.3458i	112.8183-149.6263i	23.1688+32.6451i	0.2814-1.7748i	-0.0142+0.1897i	2.9999-2.5359i	5.8030-1.2513i	-0.4115+3.0275i
64.5	93.0392-123.9622i	112.9990-152.4017i	25.6023+33.1889i	0.2376-1.8356i	0.0135+0.1649i	3.0604-2.5881i	5.8481-1.2426i	-0.3834+3.0513i
64.6	92.1156-127.1527i	110.9423-155.5499i	29.1201+31.0542i	0.1010-1.8424i	0.0434+0.1499i	3.0117-2.6884i	5.8920-1.3392i	-0.3397+3.0533i
64.7	88.1373-128.7250i	106.3574-157.8856i	30.1119+30.5915i	0.0885-1.7394i	0.0669+0.1361i	2.9596-2.7047i	5.7826-1.4763i	-0.3874+3.0724i
64.8	89.1376-134.2683i	106.7891-164.7665i	33.6352+30.9268i	0.0416-1.7530i	0.0880+0.1276i	3.0742-2.8881i	5.9101-1.5706i	-0.4026+3.2191i
64.9	86.2021-138.5387i	103.2372-169.2086i	35.0818+28.8441i	-0.0487-1.6966i	0.0960+0.0973i	2.9498-3.0064i	5.9030-1.7378i	-0.2935+3.2681i
65.0	83.0287-142.3516i	98.0619-173.6409i	37.1841+26.2479i	-0.1166-1.6664i	0.1157+0.0756i	2.7984-3.1642i	5.9094-1.9129i	-0.1407+3.3803i
65.1	80.6512-145.3528i	96.4001-176.6280i	39.8869+24.5767i	-0.2039-1.6785i	0.1433+0.0601i	2.7854-3.2718i	5.9982-1.9753i	-0.0818+3.5551i
65.2	79.3473-146.9370i	95.5571-179.5592i	42.0626+24.9500i	-0.2218-1.6325i	0.1526+0.0468i	2.7964-3.3786i	6.0505-2.0185i	-0.0172+3.6945i
65.3	75.9957-148.1031i	90.6517-182.7365i	44.8077+21.6135i	-0.2131-1.3963i	0.1621+0.0092i	2.6096-3.5172i	6.0544-2.2140i	0.1982+3.7867i
65.4	74.3877-152.6641i	86.6677-187.8262i	48.3929+16.8244i	-0.2988-1.3981i	0.1705-0.0091i	2.4990-3.6960i	6.1434-2.4149i	0.4120+3.8266i
65.5	71.6636-153.7220i	84.1136-190.3400i	49.6199+15.2512i	-0.4071-1.3225i	0.1884-0.0346i	2.4395-3.7213i	6.1718-2.5702i	0.6328+3.9451i
65.6	70.4825-156.4000i	82.1210-194.1821i	49.8674+12.8333i	-0.3896-1.2606i	0.1946-0.0603i	2.3663-3.8170i	6.2091-2.7672i	0.7747+4.0035i
65.7	68.8495-158.5245i	80.1302-196.2352i	52.2571+10.2617i	-0.4514-1.2710i	0.2031-0.0700i	2.3330-3.9062i	6.2314-2.8660i	0.9901+4.0743i
65.8	64.3056-161.8049i	76.2670-199.9836i	51.9888+6.9584i	-0.5360-1.1423i	0.2360-0.0973i	2.1979-3.9965i	6.2345-3.0929i	1.2346+4.1361i
65.9	61.6090-162.9448i	72.0532-203.0540i	52.9005+4.4050i	-0.4754-1.1171i	0.2320-0.1196i	2.0557-3.9808i	6.2162-3.2776i	1.5448+4.0864i
66.0	57.1943-161.9012i	66.5640-202.1305i	53.6366+1.6857i	-0.4829-0.9390i	0.2182-0.1403i	1.8664-3.9641i	6.0943-3.4372i	1.9178+3.9391i
66.1	55.4796-163.8877i	63.8711-202.9766i	54.6459-1.2885i	-0.5193-0.9544i	0.2345-0.1501i	1.7373-3.9783i	6.0879-3.5608i	2.1487+3.8786i
66.2	50.4615-165.0544i	56.6769-205.8353i	52.9112-5.8473i	-0.5328-0.7989i	0.2396-0.1949i	1.4268-4.0073i	5.9613-3.9235i	2.4771+3.6668i
66.3	43.0611-168.4621i	48.4404-209.8332i	51.7108-9.0087i	-0.5984-0.7515i	0.2170-0.2006i	1.2466-4.0584i	5.7990-4.2057i	2.7954+3.3501i
66.4	40.7261-169.4297i	44.7687-211.0755i	49.7492-12.4338i	-0.5750-0.6440i	0.2209-0.2051i	1.1561-3.9930i	5.7185-4.3922i	2.9118+3.0813i
66.5	40.5555-171.0858i	43.6851-212.3991i	49.0694-16.6312i	-0.5759-0.5459i	0.2365-0.2166i	1.1095-3.8913i	5.6620-4.5710i	2.9726+2.7458i
66.6	34.9851-174.0541i	38.1757-215.6400i	50.5698-20.8395i	-0.6654-0.4864i	0.2469-0.2214i	1.0094-3.9326i	5.6155-4.7728i	3.1416+2.4469i
66.7	33.1190-175.5661i	33.9277-216.6974i	49.6904-23.8642i	-0.5548-0.4875i	0.2635-0.2357i	0.9285-3.9204i	5.4959-4.9399i	3.2292+2.2955i
66.8	29.4589-176.9156i	29.7734-218.3565i	46.2527-26.1011i	-0.4603-0.4949i	0.2674-0.2552i	0.8593-3.8980i	5.3224-5.1379i	3.2367+2.0605i
66.9	25.5536-175.9353i	24.6428-218.9177i	45.6077-27.7815i	-0.4390-0.3301i	0.2734-0.2547i	0.7324-3.9073i	5.1727-5.2575i	3.2197+1.8159i
67.0	20.0909-176.1373i	19.9668-218.9026i	45.4871-29.8006i	-0.5896-0.3349i	0.2981-0.2668i	0.7179-3.8707i	5.0201-5.3885i	3.1852+1.6066i
67.1	14.8758-178.9687i	12.0365-222.2903i	39.6914-36.0116i	-0.5980-0.2342i	0.3061-0.3127i	0.4998-3.7941i	4.8004-5.8268i	3.1951+1.3472i
67.2	11.5278-179.4092i	6.8649-222.7032i	35.3721-37.3312i	-0.5078-0.1391i	0.2981-0.3342i	0.4773-3.7074i	4.5134-5.9840i	3.1161+1.0955i
67.3	8.0779-177.3260i	4.4916-220.8305i	33.6967-35.5290i	-0.4836-0.0978i	0.3008-0.3631i	0.6076-3.5867i	4.2882-5.9732i	2.9740+0.9607i
67.4	3.4179-176.7040i	-0.2564-220.7462i	32.1602-36.6630i	-0.5122-0.0327i	0.3128-0.3922i	0.5894-3.5668i	4.0749-6.0777i	2.9053+0.8116i
67.5	-0.5960-177.3871i	-6.5571-220.6969i	27.6676-37.4835i	-0.3970+0.0201i	0.3032-0.4213i	0.4753-3.4710i	3.7810-6.2252i	2.8428+0.6462i
67.6	-1.7451-177.9859i	-10.6854-222.3372i	26.0921-40.5396i	-0.2931+0.0734i	0.2974-0.4352i	0.3689-3.5331i	3.6440-6.3516i	2.7761+0.5145i
67.7	-6.8725-174.6475i	-16.6599-219.0544i	23.0737-37.4137i	-0.2172+0.1271i	0.2810-0.4468i	0.4192-3.5035i	3.2911-6.3093i	2.6344+0.3734i
67.8	-10.8780-172.0623i	-20.0100-216.0109i	21.5383-36.6450i	-0.2333+0.1711i	0.2811-0.4672i	0.4650-3.4593i	3.0674-6.2411i	2.4777+0.3321i
67.9	-13.2861-172.6671i	-23.6939-215.1568i	20.7208-36.6528i	-0.2460+0.1100i	0.2671-0.4784i	0.4754-3.5127i	2.8662-6.2233i	2.4162+0.2832i
68.0	-17.5198-171.3174i	-28.5296-212.8764i	18.7610-35.6878i	-0.2602+0.2178i	0.2504-0.4891i	0.5256-3.4950i	2.5935-6.1898i	2.2682+0.2258i
68.1	-22.4375-171.7835i	-33.8188-213.9547i	16.5585-36.4697i	-0.2888+0.2867i	0.2495-0.5312i	0.5297-3.5933i	2.3929-6.2464i	2.1707+0.2157i
68.2	-25.5532-172.0534i	-37.8128-215.3451i	15.6987-37.8833i	-0.2894+0.2630i	0.2460-0.5496i	0.4910-3.7201i	2.2740-6.2776i	2.1217+0.2062i
68.3	-27.0233-167.9079i	-39.9457-211.0124i	16.0207-36.8451i	-0.2508+0.2356i	0.2392-0.5478i	0.4348-3.6608i	2.1504-6.1603i	2.0766+0.1454i
68.4	-32.4976-167.7158i	-48.5120-209.3719i	11.6552-36.7509i	-0.1870+0.2897i	0.2213-0.5743i	0.3144-3.7062i	1.8199-6.1892i	1.9606+0.0671i
68.5	-34.5699-165.2805i	-51.9335-207.3729i	10.5109-35.7487i	-0.0805+0.4086i	0.2027-0.5745i	0.2594-3.7411i	1.6570-6.1487i	1.9219+0.0791i
68.6	-37.6307-163.8496i	-56.2586-205.0752i	10.5963-35.3220i	-0.0614+0.3976i	0.1941-0.5734i	0.1617-3.7905i	1.4909-6.0406i	1.8372+0.0962i

68.7	-42.2996-162.9254i	-61.2125-203.3133i	8.6247-34.4896i	-0.0993+0.3252i	0.1744-0.6009i	0.1444-3.7944i	1.2491-6.0179i	1.7457+0.0314i
68.8	-45.7613-160.1323i	-65.7551-199.5546i	7.2154-33.7973i	-0.0933+0.3954i	0.1566-0.5967i	0.0463-3.8718i	1.0496-5.9115i	1.6971+0.0196i
68.9	-48.9682-158.6757i	-69.6039-197.6916i	5.9082-35.6282i	-0.0219+0.3818i	0.1665-0.6120i	-0.0224-3.9410i	0.9586-5.8900i	1.6439+0.0475i
69.0	-51.5112-155.8384i	-72.6450-194.8247i	4.7712-33.4038i	-0.0391+0.4213i	0.1565-0.6206i	-0.1037-3.9154i	0.8070-5.8059i	1.6128-0.0096i
69.1	-53.8943-153.6731i	-77.4982-192.0156i	2.5441-32.4916i	0.0854+0.4565i	0.1396-0.6272i	-0.2458-3.9455i	0.5975-5.7403i	1.5702-0.0265i
69.2	-53.3778-150.6352i	-76.9694-189.2587i	4.6341-33.0557i	0.0739+0.5263i	0.1435-0.6484i	-0.2267-4.0004i	0.5471-5.6231i	1.4710+0.0331i
69.3	-57.6990-147.0455i	-80.7392-184.7062i	3.2572-32.1067i	0.0084+0.5941i	0.1165-0.6538i	-0.3107-3.9818i	0.3766-5.5148i	1.4180+0.0474i
69.4	-58.2571-143.7395i	-82.8428-181.5286i	3.0286-32.5781i	0.0524+0.6687i	0.1124-0.6533i	-0.4096-4.0450i	0.3017-5.4182i	1.3436+0.1150i
69.5	-60.1875-139.1448i	-85.2918-175.4664i	3.5377-30.3046i	0.1159+0.6050i	0.0999-0.6427i	-0.4840-3.9352i	0.1663-5.2490i	1.2764+0.1289i
69.6	-62.7271-136.5495i	-89.5047-171.2519i	1.4843-28.6944i	0.2694+0.5836i	0.0622-0.6568i	-0.6267-3.9185i	-0.0453-5.1551i	1.2474+0.1201i
69.7	-62.0141-134.5588i	-89.9948-169.4341i	0.8811-28.9620i	0.3381+0.6608i	0.0526-0.6593i	-0.7143-3.9530i	-0.1085-5.1067i	1.2775+0.1608i
69.8	-63.4355-128.9550i	-91.3780-163.7748i	0.1042-28.1893i	0.3350+0.7790i	0.0428-0.6653i	-0.8404-3.8661i	-0.1887-4.9982i	1.2957+0.1996i
69.9	-66.7669-126.6837i	-94.3331-159.8158i	-1.0553-28.5418i	0.2683+0.7674i	0.0403-0.6547i	-0.9737-3.8619i	-0.2726-4.8522i	1.2922+0.2192i
70.0	-69.4235-127.8978i	-97.6180-159.7175i	-2.0833-29.8721i	0.2327+0.6509i	0.0341-0.6497i	-1.0589-3.8876i	-0.3781-4.8225i	1.2986+0.2470i
70.1	-70.4513-124.2299i	-98.5915-156.7650i	-2.4633-29.1917i	0.2605+0.8494i	0.0246-0.6510i	-1.1408-3.9372i	-0.4194-4.7228i	1.2923+0.2792i
70.2	-72.7099-122.3054i	-100.8032-153.6998i	-3.8527-28.6982i	0.2820+0.8059i	0.0212-0.6574i	-1.3358-3.9370i	-0.5005-4.6353i	1.3216+0.2760i
70.3	-72.5806-120.3023i	-101.3756-149.6622i	-3.8875-28.1359i	0.2875+0.7166i	0.0213-0.6559i	-1.4027-3.8368i	-0.5506-4.5192i	1.2812+0.2773i
70.4	-71.6839-114.5954i	-100.0921-144.0752i	-3.1779-27.4714i	0.2861+0.8522i	0.0233-0.6471i	-1.4958-3.7369i	-0.5778-4.3815i	1.2901+0.3003i
70.5	-73.8822-111.1144i	-102.4131-140.1922i	-3.6810-26.3224i	0.2657+0.8632i	0.0147-0.6324i	-1.5988-3.7133i	-0.6547-4.2580i	1.2904+0.3011i
70.6	-73.3115-110.5937i	-102.6546-137.7856i	-3.2487-26.4406i	0.2936+0.8288i	0.0123-0.6342i	-1.6698-3.6656i	-0.6621-4.1447i	1.3069+0.2944i
70.7	-74.1153-107.3151i	-103.1814-133.9584i	-4.9047-25.5781i	0.3385+0.8316i	-0.0208-0.6308i	-1.7321-3.5781i	-0.7377-4.0475i	1.3384+0.3054i
70.8	-75.1992-104.7950i	-104.4030-129.3314i	-5.9115-24.4873i	0.3604+0.7603i	-0.0495-0.6240i	-1.8020-3.3980i	-0.8352-3.9461i	1.3331+0.2806i
70.9	-74.2655-103.0349i	-105.1824-127.1947i	-6.7431-24.2817i	0.5330+0.7299i	-0.0460-0.6289i	-1.9174-3.3540i	-0.8842-3.8543i	1.3680+0.2414i
71.0	-74.7113-100.4406i	-105.6379-124.5612i	-8.3207-24.3094i	0.5678+0.6835i	-0.0474-0.6326i	-2.0718-3.3416i	-0.9350-3.7935i	1.4443+0.2290i
71.1	-75.0314-98.9201i	-104.7342-122.5934i	-7.9461-24.0780i	0.5212+0.7773i	-0.0388-0.6330i	-2.1185-3.2833i	-0.9197-3.7033i	1.4344+0.2425i
71.2	-72.6582-97.1792i	-102.3168-120.4958i	-6.2308-24.5547i	0.5316+0.8266i	-0.0207-0.6186i	-2.1132-3.1792i	-0.8886-3.6060i	1.4267+0.2163i
71.3	-73.8094-94.3278i	-103.9172-118.3781i	-8.3364-24.1906i	0.5872+0.9694i	-0.0149-0.6277i	-2.2427-3.1522i	-0.9204-3.5470i	1.4943+0.2166i
71.4	-72.2905-91.2922i	-101.4240-114.6326i	-8.4159-23.2733i	0.6881+0.9337i	-0.0343-0.6289i	-2.2100-2.9624i	-0.9438-3.4670i	1.5289+0.1828i
71.5	-71.5765-88.9390i	-101.8915-111.1310i	-8.0530-22.1020i	0.6301+0.9217i	-0.0466-0.6265i	-2.3248-2.9091i	-0.9658-3.3524i	1.5515+0.1914i
71.6	-72.1149-87.2234i	-102.2315-108.2643i	-7.8384-21.4189i	0.5460+0.8718i	-0.0418-0.6292i	-2.4343-2.7075i	-0.9555-3.2895i	1.5735+0.1332i
71.7	-71.0646-86.0010i	-101.9355-107.5549i	-8.6661-22.2985i	0.6501+0.9105i	-0.0389-0.6291i	-2.4747-2.6715i	-0.9792-3.2526i	1.6084+0.0861i
71.8	-71.2328-82.2330i	-101.6258-103.1302i	-8.9437-20.6009i	0.7532+0.9650i	-0.0413-0.6297i	-2.4927-2.5151i	-1.0187-3.1274i	1.5713+0.0278i
71.9	-70.2841-80.2590i	-100.9779-100.2100i	-9.8097-20.1232i	0.8044+0.9464i	-0.0561-0.6408i	-2.5856-2.3465i	-1.0399-3.0814i	1.6112-0.0541i
72.0	-69.8808-80.9463i	-100.7526-101.2002i	-10.2284-21.7005i	0.7484+0.9601i	-0.0610-0.6418i	-2.5582-2.3206i	-1.0140-3.0573i	1.6496-0.0734i
72.1	-69.9236-79.7888i	-99.3108-99.3053i	-10.5863-21.8174i	0.7191+1.0145i	-0.0429-0.6400i	-2.5249-2.2025i	-0.9872-2.9706i	1.6105-0.1341i
72.2	-69.1347-77.3268i	-99.2669-96.1253i	-10.2652-20.2889i	0.7606+1.0176i	-0.0571-0.6413i	-2.5324-2.0246i	-1.0101-2.8818i	1.5844-0.1896i
72.3	-69.1371-75.5651i	-98.9013-93.3403i	-11.0230-19.5985i	0.6613+0.9420i	-0.0627-0.6556i	-2.5665-1.9121i	-1.0172-2.8111i	1.5834-0.2302i
72.4	-66.9508-72.0519i	-97.0246-91.6472i	-10.7943-19.1566i	0.8199+1.0569i	-0.0945-0.6666i	-2.5072-1.7717i	-1.0456-2.7779i	1.5575-0.2833i
72.5	-66.7704-71.8269i	-97.1176-90.4696i	-10.9996-18.9471i	0.8590+1.0045i	-0.0896-0.6436i	-2.4656-1.6612i	-1.0485-2.6991i	1.5267-0.3539i
72.6	-67.1589-72.1584i	-97.1223-89.5509i	-11.2976-18.7237i	0.7318+0.9293i	-0.0917-0.6373i	-2.4317-1.6443i	-1.0396-2.6161i	1.5352-0.3675i
72.7	-67.7096-69.8784i	-97.8597-86.5955i	-12.8712-17.5405i	0.8034+0.9394i	-0.1069-0.6489i	-2.4683-1.5026i	-1.0557-2.5509i	1.5185-0.4260i
72.8	-67.1857-66.9751i	-97.0577-83.5252i	-12.8335-16.4178i	0.7681+0.9694i	-0.1109-0.6567i	-2.3868-1.3171i	-1.0878-2.4930i	1.4395-0.4628i
72.9	-65.4949-66.3716i	-96.7744-83.3086i	-13.1505-17.0924i	0.8345+1.0293i	-0.1227-0.6464i	-2.3658-1.3082i	-1.1001-2.4378i	1.4304-0.5046i
73.0	-64.1167-64.2956i	-93.8692-80.8572i	-12.0738-16.5375i	0.8474+1.0932i	-0.1434-0.6405i	-2.2077-1.2117i	-1.0817-2.3634i	1.3743-0.5683i
73.1	-62.2072-62.5669i	-91.8117-78.4750i	-11.2323-16.2687i	0.8686+1.1113i	-0.1734-0.6350i	-1.9874-1.0771i	-1.0971-2.2880i	1.2741-0.5841i
73.2	-63.8180-60.3132i	-92.3895-76.1195i	-11.8954-15.0012i	0.7439+1.0947i	-0.1816-0.6274i	-1.8977-1.0582i	-1.0749-2.2082i	1.2285-0.5528i
73.3	-62.8994-60.5414i	-91.3941-76.8152i	-12.6255-15.8117i	0.7789+1.2057i	-0.1658-0.5955i	-1.8619-1.2163i	-1.0380-2.1201i	1.2390-0.5136i
73.4	-61.2637-60.5119i	-90.5439-75.3255i	-12.1978-15.4900i	0.8186+1.1956i	-0.1615-0.5823i	-1.8203-1.2031i	-1.0119-2.0497i	1.2044-0.5043i
73.5	-59.9135-59.7443i	-89.4639-74.2906i	-12.7952-15.2559i	0.9600+1.1501i	-0.1813-0.5783i	-1.7820-1.1545i	-1.0177-2.0038i	1.1706-0.5640i
73.6	-58.3202-58.2447i	-88.6889-72.6970i	-13.2842-14.2939i	0.9930+1.2421i	-0.1884-0.5609i	-1.7558-1.1114i	-1.0301-1.9545i	1.1585-0.5904i
73.7	-57.1372-57.4771i	-87.6892-70.9434i	-12.6846-14.1599i	0.9441+1.1939i	-0.1823-0.5430i	-1.7239-1.0749i	-0.9999-1.8891i	1.1618-0.6171i
73.8	-58.4165-56.6876i	-87.9563-69.7341i	-13.0984-13.5367i	0.9216+1.1006i	-0.1812-0.5386i	-1.7256-1.0598i	-0.9788-1.8353i	1.1285-0.6409i
73.9	-57.9024-55.8798i	-87.4071-69.4175i	-13.7911-13.6087i	0.9385+1.1372i	-0.1762-0.5297i	-1.6405-1.0573i	-0.9424-1.8019i	1.0940-0.6499i
74.0	-56.1128-52.9820i	-85.2226-67.4286i	-14.1306-13.4418i	0.9403+1.4100i	-0.1868-0.5188i	-1.5680-1.0589i	-0.9257-1.7508i	1.0832-0.6643i
74.1	-55.6410-52.9768i	-85.6111-65.8366i	-14.1813-12.3352i	0.9454+1.3727i	-0.2064-0.5124i	-1.5165-0.9674i	-0.9399-1.6925i	1.0262-0.6730i
74.2	-55.5074-52.7498i	-84.4748-63.9481i	-14.6416-10.8734i	0.8554+1.3210i	-0.1995-0.4921i	-1.3786-1.0965i	-0.8943-1.6193i	0.9761-0.6418i
74.3	-54.0295-52.2229i	-83.2587-63.9190i	-14.0800-11.1672i	0.8999+1.3561i	-0.2073-0.4679i	-1.3236-1.1712i	-0.8529-1.5742i	0.9833-0.6387i
74.4	-52.0837-53.4387i	-82.0573-64.4029i	-13.8691-11.3183i	0.9489+1.3428i	-0.1876-0.4143i	-1.3017-1.2087i	-0.8323-1.5013i	0.9375-0.6801i
74.5	-50.5502-52.8141i	-81.0058-63.3229i	-14.3631-11.0765i	1.0812+1.3968i	-0.1494-0.4105i	-1.3809-1.2086i	-0.7929-1.4460i	0.9195-0.7392i
74.6	-50.9487-50.8100i	-81.4827-61.1508i	-14.4174-10.3396i	1.0485+1.4714i	-0.1605-0.4181i	-1.4204-1.1475i	-0.7905-1.4169i	0.8828-0.7167i
74.7	-50.5408-50.1517i	-80.3004-60.6636i	-14.2255-10.2160i	1.0471+1.5284i	-0.1444-0.4007i	-1.4165-1.1452i	-0.7481-1.3878i	0.8719-0.7475i
74.8	-49.5285-51.0793i	-79.5184-60.1820i	-14.6509-9.6869i	1.1384+1.4643i	-0.0945-0.3863i	-1.4094-1.2513i	-0.6964-1.3465i	0.8134-0.7249i
74.9	-47.9384-48.8192i	-78.1775-58.8149i	-14.4313-9.6743i	1.1485+1.4587i	-0.0986-0.3572i	-1.3933-1.2563i	-0.6771-1.3104i	0.8137-0.7303i

75.0	-47.1142-48.2724i	-77.6634-56.9797i	-14.2224-8.6541i	1.1120+1.4652i	-0.1271-0.3255i	-1.4067-1.2554i	-0.6883-1.2389i	0.8186-0.7482i
75.1	-46.1639-46.2336i	-75.9237-55.4759i	-14.4565-7.7215i	1.1642+1.6735i	-0.1131-0.3292i	-1.3510-1.2697i	-0.6382-1.2232i	0.7907-0.7466i
75.2	-45.3433-46.1996i	-74.8784-55.1152i	-14.8249-7.2022i	1.1875+1.7154i	-0.0994-0.3230i	-1.3523-1.2798i	-0.6190-1.1875i	0.7544-0.7595i
75.3	-44.3048-47.8210i	-74.6003-55.4342i	-14.7868-6.6669i	1.2539+1.6453i	-0.0678-0.2969i	-1.4942-1.3038i	-0.5793-1.1396i	0.7414-0.7872i
75.4	-42.3472-47.6455i	-73.3218-55.4811i	-14.6027-6.3967i	1.4156+1.7441i	0.0017-0.2975i	-1.6103-1.3082i	-0.4903-1.1046i	0.7465-0.8208i
75.5	-41.9683-45.8758i	-72.3389-54.7558i	-14.1073-6.2451i	1.5172+1.8082i	0.0237-0.2890i	-1.6495-1.3618i	-0.4523-1.0766i	0.7310-0.7923i
75.6	-43.2900-44.8507i	-72.6394-53.2827i	-14.9388-5.5573i	1.4197+1.8691i	0.0227-0.2959i	-1.6161-1.2774i	-0.4104-1.0677i	0.7468-0.7747i
75.7	-42.5215-44.5430i	-71.8104-53.0521i	-14.9894-4.7285i	1.6050+1.9243i	0.0696-0.2856i	-1.6624-1.2057i	-0.3385-1.0547i	0.7163-0.8165i
75.8	-41.1630-44.1685i	-71.0620-51.8516i	-14.9387-4.3509i	1.6745+1.9776i	0.0873-0.2985i	-1.6089-1.1559i	-0.3272-1.0537i	0.6152-0.8200i
75.9	-41.2555-43.5801i	-70.3485-50.7524i	-14.9716-3.4637i	1.6464+2.0130i	0.1015-0.3113i	-1.6626-1.1253i	-0.2923-1.0348i	0.6641-0.8435i
76.0	-39.8299-43.4298i	-69.2224-50.5932i	-14.8643-3.0315i	1.7707+2.0162i	0.1449-0.2953i	-1.7026-1.0895i	-0.2203-0.9931i	0.6743-0.9072i
76.1	-38.8349-43.2250i	-68.3071-49.9714i	-14.2784-2.8844i	1.7918+2.1132i	0.1584-0.2746i	-1.6489-1.1052i	-0.2105-0.9572i	0.6313-0.8649i
76.2	-38.8492-42.5468i	-67.8485-49.3542i	-14.6639-1.8542i	1.9095+2.1380i	0.2109-0.2972i	-1.6411-1.0866i	-0.1449-0.9661i	0.5442-0.8269i
76.3	-37.6853-43.1800i	-67.3663-49.5781i	-14.2603-1.3463i	2.1607+2.1583i	0.2619-0.2913i	-1.6751-1.0448i	-0.0651-0.9320i	0.5525-0.8900i
76.4	-37.6013-43.4136i	-66.3342-48.5987i	-13.6180-0.5938i	2.1158+2.1866i	0.2489-0.3205i	-1.5890-0.9626i	-0.0465-0.9540i	0.5153-0.8995i
76.5	-37.4685-43.7484i	-66.2627-48.6398i	-13.0342-0.1477i	2.0900+2.1344i	0.3115-0.3252i	-1.5952-0.8820i	0.0341-0.9395i	0.4372-0.9779i
76.6	-37.1219-44.8503i	-66.3274-49.0481i	-12.8192-0.3654i	2.3134+1.9344i	0.4316-0.3365i	-1.6327-0.8300i	0.1239-0.9159i	0.3051-1.0080i
76.7	-34.8350-43.9366i	-64.2155-48.2431i	-12.3417+0.8542i	2.4218+2.0878i	0.4302-0.3162i	-1.6264-0.8473i	0.1459-0.9081i	0.3161-1.0179i
76.8	-35.3226-43.5543i	-63.4453-47.9751i	-11.5155+0.4462i	2.4951+2.0267i	0.4637-0.3241i	-1.5150-0.7859i	0.1789-0.8954i	0.2004-1.0301i
76.9	-34.8677-43.9911i	-62.6191-47.8191i	-10.9959+1.3179i	2.5638+2.0747i	0.5097-0.3049i	-1.5266-0.8860i	0.2201-0.8605i	0.1899-1.0184i
77.0	-33.6110-42.9750i	-61.0895-46.0550i	-10.5766+2.5484i	2.6976+2.1290i	0.5379-0.3288i	-1.4260-0.9403i	0.2646-0.8760i	0.1076-1.0131i
77.1	-33.9279-42.2810i	-60.5095-45.6247i	-10.3952+2.5303i	2.6736+2.1115i	0.5394-0.3398i	-1.4131-0.9244i	0.3152-0.8824i	0.1147-1.0240i
77.2	-31.3850-43.0998i	-59.2732-45.5333i	-9.8109+3.0277i	2.8191+1.8884i	0.6272-0.3411i	-1.3592-0.9247i	0.3542-0.8414i	-0.0188-1.0018i
77.3	-30.4876-43.4719i	-58.4417-45.8076i	-8.5323+3.4248i	2.9867+1.9243i	0.6750-0.3827i	-1.3880-0.9913i	0.3733-0.8749i	-0.1252-0.9778i
77.4	-30.6534-43.4391i	-58.6251-45.5959i	-8.0404+3.2209i	3.1577+1.9176i	0.7307-0.3932i	-1.3838-1.0424i	0.4359-0.8832i	-0.2291-0.9316i
77.5	-30.4360-42.5734i	-58.0699-44.2226i	-7.6184+3.8922i	3.2080+1.8576i	0.7493-0.4596i	-1.3996-1.1295i	0.4728-0.9418i	-0.2838-0.8084i
77.6	-29.9328-42.8797i	-57.6456-44.1552i	-7.4900+4.2062i	3.2880+1.7600i	0.8165-0.5844i	-1.4339-1.1880i	0.5475-0.9833i	-0.2987-0.6710i
77.7	-29.1176-43.6875i	-56.2743-43.8672i	-7.3652+4.1504i	3.1300+1.6313i	0.9069-0.5669i	-1.4179-1.1897i	0.5960-0.9429i	-0.3434-0.6610i
77.8	-30.1081-42.7722i	-55.5337-43.3023i	-6.8079+4.0622i	3.0356+1.6640i	0.9185-0.6518i	-1.5286-1.2138i	0.6482-1.0220i	-0.3338-0.6457i
77.9	-29.5907-43.2326i	-55.2950-43.2971i	-6.1206+3.6255i	3.1747+1.6250i	0.9524-0.7694i	-1.5838-1.1947i	0.7117-1.0606i	-0.3312-0.5840i
78.0	-27.3466-43.1865i	-54.4443-43.2744i	-5.4080+3.3658i	3.3827+1.5316i	0.9739-0.8553i	-1.7009-1.2259i	0.7219-1.0480i	-0.3098-0.4570i
78.1	-25.2786-43.3077i	-53.0797-43.0603i	-4.3646+4.4938i	3.7024+1.6000i	1.0133-0.8954i	-1.7742-1.2364i	0.7476-1.0789i	-0.3909-0.4254i
78.2	-25.6262-43.0138i	-52.4172-42.0911i	-3.8439+5.5449i	3.7210+1.5872i	0.9818-0.9795i	-1.8497-1.2643i	0.7462-1.1417i	-0.3943-0.3300i
78.3	-25.9261-43.8594i	-51.5727-42.1886i	-3.0729+4.8783i	3.6843+1.4960i	0.9730-1.0872i	-1.9080-1.1812i	0.8166-1.1517i	-0.3701-0.2547i
78.4	-25.4117-44.0486i	-50.6562-42.8805i	-2.8933+4.2427i	3.7749+1.3397i	0.9924-1.1443i	-1.9515-1.1046i	0.8909-1.1630i	-0.3944-0.2314i
78.5	-25.6203-44.4818i	-50.0135-43.4811i	-2.1623+4.5328i	3.9057+1.3826i	1.0248-1.1637i	-2.0054-1.0855i	0.9805-1.1806i	-0.4070-0.1813i
78.6	-23.3254-43.5356i	-48.7777-43.0454i	-0.0522+3.8473i	4.3634+1.0302i	1.0653-1.2307i	-2.0430-0.9604i	0.9813-1.2215i	-0.3936-0.0808i
78.7	-22.5727-44.3128i	-48.0147-43.1453i	0.8319+3.4276i	4.4614+0.6515i	1.0807-1.3019i	-2.0563-0.8276i	1.0103-1.2436i	-0.3908-0.0374i
78.8	-22.7835-45.6478i	-48.0326-43.5019i	1.9728+3.4269i	4.5875+0.2417i	1.0794-1.4435i	-2.0827-0.7041i	1.0858-1.3901i	-0.3971+0.0247i
78.9	-21.4423-42.9922i	-47.4864-42.1259i	4.9789+0.3819i	4.5683-0.5834i	1.1223-1.5157i	-1.7450-0.5390i	1.0763-1.3796i	-0.3986+0.1239i
79.0	-17.8304-41.5023i	-44.8645-39.8402i	1.6563-3.4898i	3.4015-1.0704i	0.9787-1.6301i	-1.5654-0.8795i	1.1132-1.4192i	-0.2389+0.1418i
79.1	-14.8105-45.0660i	-41.5450-42.6793i	-2.4584-2.0848i	2.7383-0.2449i	0.9803-1.7331i	-1.9955-1.1011i	1.2757-1.5671i	-0.2375+0.0926i
79.2	-15.0627-46.8501i	-40.1042-44.3815i	-2.0249-0.1503i	3.0977+0.1518i	1.0246-1.8301i	-2.2422-1.0084i	1.3420-1.7049i	-0.2696+0.1512i
79.3	-15.9843-48.4721i	-40.1398-44.9076i	-1.5902+0.9816i	3.2725+0.2269i	0.9835-1.9156i	-2.2736-0.9066i	1.2855-1.8477i	-0.2239+0.2164i
79.4	-16.9460-50.8511i	-40.9187-46.6031i	-1.3672+0.5804i	3.4452+0.1715i	0.9633-2.1709i	-2.2966-0.7815i	1.3493-2.0636i	-0.2258+0.3540i
79.5	-16.9188-53.1503i	-40.6059-47.8703i	0.2250+0.2416i	3.5661+0.0718i	1.0056-2.3670i	-2.3314-0.6711i	1.4232-2.1686i	-0.1789+0.4727i
79.6	-17.4040-53.4360i	-40.5973-47.4927i	0.4631+0.8533i	3.4726+0.0564i	0.8433-2.4164i	-2.2810-0.5569i	1.2407-2.2683i	-0.1621+0.5192i
79.7	-18.4394-53.2833i	-40.2128-47.8070i	0.7197+1.0607i	3.4254+0.0619i	0.6524-2.4713i	-2.3316-0.5046i	1.0564-2.3416i	-0.0604+0.5766i
79.8	-18.9126-53.6919i	-40.4197-48.3917i	0.4986+0.8438i	3.4056+0.1377i	0.5368-2.5768i	-2.3656-0.4653i	1.0079-2.4468i	0.0782+0.6212i
79.9	-19.0377-54.8679i	-40.4397-49.5871i	0.4258+0.1367i	3.2908+0.1367i	0.4283-2.7253i	-2.4334-0.3807i	0.9790-2.5749i	0.1910+0.6704i
80.0	-19.4647-55.4611i	-39.8407-50.0170i	1.6307-0.2201i	3.3079+0.0145i	0.2958-2.7960i	-2.4451-0.2524i	0.8456-2.6024i	0.2459+0.6920i

2.1.26 Run 3 – IP315 – Accels 9–16

In-plane shaking at 315°. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	4.0119+0.0000i	-15.3807+0.0000i	-7.3152+0.0000i	11.0778+0.0000i	7.5880+0.0000i	2.5519+0.0000i	-2.0151+0.0000i	16.4509+0.0000i
0.1	3.8882+0.0306i	-17.0787-2.3600i	-7.3984+0.3396i	10.9351-0.2268i	7.4683+0.4570i	2.4982-0.3070i	-2.0440+0.5124i	16.0089+0.4556i
0.2	-0.7187+0.8392i	-4.3924-4.0921i	0.0409+0.1316i	-0.9952+1.8296i	1.2669+2.8766i	0.1716-0.1567i	0.1848+0.9950i	-0.8429+1.0199i
0.3	-0.1006+0.3541i	-0.5276+0.0364i	0.0546+0.1050i	0.0962+0.2799i	0.6105+0.4325i	0.0608+0.1151i	0.0069-0.1312i	0.2354-0.0491i
0.4	0.0136+0.0446i	-0.0870-0.0396i	0.0236+0.0033i	-0.0257+0.0068i	-0.0213+0.0269i	0.0007+0.0192i	0.0139-0.0338i	0.0073-0.0096i
0.5	0.0534-0.0026i	-0.0074+0.0428i	0.0109+0.0009i	0.0437+0.0191i	-0.0157-0.0207i	-0.0037+0.0445i	0.0421-0.0004i	0.0006+0.0080i
0.6	0.0495+0.0105i	-0.0938-0.0053i	-0.0171-0.0067i	0.0652+0.0129i	-0.0188-0.0029i	-0.0437+0.0016i	0.0589+0.0214i	-0.0008-0.0100i
0.7	0.0512+0.0105i	-0.1373-0.0409i	-0.0358-0.0091i	0.0671+0.0073i	-0.0217-0.0081i	-0.0551-0.0044i	0.0635+0.0084i	-0.0109-0.0048i
0.8	0.0649+0.0130i	-0.1700-0.0315i	-0.0470-0.0100i	0.0924+0.0070i	-0.0177-0.0097i	-0.0554-0.0050i	0.0904+0.0017i	-0.0141-0.0043i
0.9	0.0886+0.0109i	-0.2246-0.0342i	-0.0628-0.0088i	0.1133-0.0072i	-0.0208-0.0037i	-0.0674-0.0072i	0.1158-0.0150i	-0.0165-0.0047i
1.0	0.0982+0.0033i	-0.2746-0.0233i	-0.0751-0.0109i	0.1126-0.0252i	-0.0303+0.0058i	-0.0716-0.0107i	0.1138-0.0273i	-0.0190-0.0064i
1.1	0.1666-0.0311i	-0.4705+0.0377i	-0.1066-0.0223i	0.2089-0.1472i	-0.0457-0.0058i	-0.1084+0.0066i	0.1976-0.1504i	-0.0231+0.0017i
1.2	0.2128-0.0198i	-0.4520-0.0230i	-0.1423-0.0217i	0.1952-0.1277i	-0.0394-0.0048i	-0.1311+0.0069i	0.1895-0.1386i	-0.0334-0.0063i
1.3	0.3034-0.0293i	-0.5647+0.0069i	-0.1969-0.0347i	0.1949-0.2523i	-0.0548-0.0010i	-0.1501+0.0284i	0.1870-0.2579i	-0.0416-0.0045i
1.4	0.4431-0.0347i	-0.7422-0.0058i	-0.2963-0.0217i	-0.0757-0.1342i	-0.0646-0.0056i	-0.1228-0.0032i	-0.0786-0.1312i	-0.0508-0.0051i
1.5	0.6032-0.1739i	-0.9319+0.1046i	-0.3268+0.0923i	0.2225+0.4722i	-0.0805-0.0109i	-0.1989-0.1188i	0.2380+0.4620i	-0.0575-0.0009i
1.6	0.6813-0.3598i	-1.0611+0.2575i	-0.2657+0.1187i	1.0876+0.4606i	-0.0999-0.0086i	-0.3772-0.1415i	1.0977+0.4262i	-0.0602-0.0041i
1.7	0.6691-0.6963i	-1.1354+0.5384i	-0.2877+0.0708i	1.4858-0.2971i	-0.1168+0.0054i	-0.5205-0.0646i	1.4738-0.3367i	-0.0733-0.0146i
1.8	0.3942-1.2841i	-1.0703+1.0367i	-0.4220+0.0161i	1.2335-1.5177i	-0.1354+0.0281i	-0.6589+0.0623i	1.1940-1.5459i	-0.1069-0.0283i
1.9	-0.2575-1.3610i	-0.7182+1.1194i	-0.6432-0.0274i	0.2546-1.9708i	-0.1523+0.0352i	-0.7880+0.1307i	0.2111-1.9733i	-0.1590-0.0320i
2.0	-0.6576-1.1239i	-0.6878+0.9293i	-1.0165-0.0291i	-0.4656-1.7792i	-0.1866+0.0244i	-1.0644+0.1457i	-0.4957-1.7644i	-0.2295-0.0267i
2.1	-0.8340-0.8194i	-1.1173+0.7699i	-1.7393+0.1102i	-0.8357-1.3806i	-0.2874+0.0264i	-1.7164+0.2554i	-0.8463-1.3599i	-0.3558+0.0005i
2.2	-0.8957-0.6511i	-1.9271+0.8659i	-2.8503+0.4543i	-0.9436-1.1437i	-0.4488+0.0658i	-2.7898+0.5704i	-0.9354-1.1263i	-0.5437+0.0572i
2.3	-0.8867-0.4205i	-1.3583+1.2090i	-2.0195+1.1610i	-1.0617-0.8035i	-0.3581+0.1558i	-1.9419+1.2369i	-1.0522-0.7943i	-0.4108+0.1818i
2.4	-0.5226-0.3113i	1.9942+0.7863i	2.8825+0.6371i	-0.8087-0.6434i	0.3345+0.1291i	2.8886+0.7239i	-0.8532-0.6333i	0.4027+0.1093i
2.5	-0.5214-0.2517i	1.2096+0.5334i	1.9042+0.3992i	-0.7673-0.5123i	0.1943+0.0862i	1.9212+0.4672i	-0.7976-0.4998i	0.2353+0.0673i
2.6	-0.5175-0.2215i	0.7769+0.3677i	1.3972+0.2164i	-0.7569-0.4446i	0.1151+0.0532i	1.4238+0.2760i	-0.7806-0.4320i	0.1451+0.0360i
2.7	-0.5072-0.1970i	0.5233+0.2647i	1.1378+0.1183i	-0.7422-0.3956i	0.0691+0.0345i	1.1694+0.1732i	-0.7619-0.3831i	0.0963+0.0182i
2.8	-0.4904-0.1812i	0.3474+0.2167i	0.9868+0.0839i	-0.7145-0.3676i	0.0348+0.0317i	1.0187+0.1356i	-0.7313-0.3551i	0.0653+0.0118i
2.9	-0.4740-0.1665i	0.1842+0.1919i	0.8675+0.0727i	-0.6913-0.3415i	0.0103+0.0271i	0.8999+0.1207i	-0.7056-0.3299i	0.0377+0.0101i
3.0	-0.4618-0.1405i	0.0104+0.1502i	0.7615+0.0529i	-0.6785-0.2935i	-0.0170+0.0197i	0.7956+0.0941i	-0.6899-0.2824i	0.0106+0.0061i
3.1	-0.4598-0.1361i	-0.0995+0.1421i	0.7012+0.0505i	-0.6893-0.2864i	-0.0372+0.0202i	0.7393+0.0913i	-0.6996-0.2754i	-0.0083+0.0055i
3.2	-0.4525-0.1216i	-0.2051+0.1334i	0.6539+0.0453i	-0.6870-0.2529i	-0.0549+0.0181i	0.6949+0.0811i	-0.6964-0.2425i	-0.0263+0.0053i
3.3	-0.4466-0.1211i	-0.3097+0.1303i	0.6142+0.0395i	-0.6843-0.2558i	-0.0708+0.0164i	0.6568+0.0757i	-0.6935-0.2460i	-0.0428+0.0038i
3.4	-0.4361-0.1118i	-0.4056+0.0994i	0.5891+0.0315i	-0.6657-0.2365i	-0.0864+0.0135i	0.6303+0.0649i	-0.6745-0.2268i	-0.0557+0.0005i
3.5	-0.4265-0.0960i	-0.5337+0.0894i	0.5570+0.0318i	-0.6532-0.2005i	-0.1085+0.0158i	0.5978+0.0604i	-0.6609-0.1913i	-0.0736+0.0018i
3.6	-0.4222-0.0927i	-0.6205+0.0876i	0.5335+0.0298i	-0.6511-0.1967i	-0.1271+0.0145i	0.5753+0.0578i	-0.6581-0.1879i	-0.0898+0.0014i
3.7	-0.4181-0.0792i	-0.7182+0.0672i	0.5125+0.0283i	-0.6518-0.1611i	-0.1445+0.0104i	0.5554+0.0508i	-0.6578-0.1525i	-0.1082+0.0009i
3.8	-0.4164-0.0858i	-0.8287+0.0794i	0.4935+0.0290i	-0.6567-0.1789i	-0.1617+0.0120i	0.5386+0.0543i	-0.6622-0.1705i	-0.1265+0.0027i
3.9	-0.4093-0.0960i	-0.9343+0.0854i	0.4816+0.0258i	-0.6462-0.2072i	-0.1798+0.0148i	0.5257+0.0560i	-0.6514-0.1996i	-0.1423+0.0016i
4.0	-0.4094-0.0850i	-1.0339+0.0755i	0.4675+0.0252i	-0.6502-0.1817i	-0.2013+0.0125i	0.5128+0.0508i	-0.6544-0.1741i	-0.1623+0.0013i
4.1	-0.4087-0.0681i	-1.1278+0.0485i	0.4551+0.0266i	-0.6546-0.1426i	-0.2228+0.0102i	0.5008+0.0461i	-0.6582-0.1350i	-0.1815+0.0006i
4.2	-0.4024-0.0616i	-1.2399+0.0454i	0.4440+0.0295i	-0.6467-0.1237i	-0.2495+0.0138i	0.4891+0.0473i	-0.6495-0.1177i	-0.2013+0.0029i
4.3	-0.4028-0.0574i	-1.3515+0.0516i	0.4339+0.0313i	-0.6582-0.1127i	-0.2763+0.0139i	0.4816+0.0465i	-0.6599-0.1063i	-0.2259+0.0049i
4.4	-0.3988-0.0585i	-1.4742+0.0643i	0.4286+0.0347i	-0.6541-0.1162i	-0.3001+0.0165i	0.4762+0.0494i	-0.6552-0.1104i	-0.2503+0.0092i
4.5	-0.3888-0.0490i	-1.5955+0.0366i	0.4276+0.0341i	-0.6289-0.0947i	-0.3279+0.0141i	0.4707+0.0457i	-0.6314-0.0896i	-0.2717+0.0069i
4.6	-0.3809-0.0480i	-1.7007+0.0173i	0.4244+0.0291i	-0.6132-0.0952i	-0.3552+0.0148i	0.4648+0.0418i	-0.6157-0.0898i	-0.2954+0.0043i
4.7	-0.3766-0.0497i	-1.8335+0.0203i	0.4177+0.0307i	-0.6126-0.0934i	-0.3919+0.0217i	0.4588+0.0429i	-0.6141-0.0876i	-0.3282+0.0074i
4.8	-0.3697-0.0491i	-1.9663+0.0389i	0.4049+0.0374i	-0.5991-0.0915i	-0.4282+0.0224i	0.4440+0.0470i	-0.6013-0.0842i	-0.3613+0.0128i
4.9	-0.3672-0.0500i	-2.1175+0.0515i	0.3967+0.0399i	-0.5988-0.0915i	-0.4754+0.0244i	0.4350+0.0485i	-0.6007-0.0863i	-0.4000+0.0167i
5.0	-0.3601-0.0546i	-2.2593+0.0494i	0.3910+0.0400i	-0.5913-0.1012i	-0.5170+0.0251i	0.4289+0.0499i	-0.5918-0.0973i	-0.4397+0.0195i
5.1	-0.3555-0.0605i	-2.3863+0.0650i	0.3837+0.0439i	-0.5812-0.1128i	-0.5605+0.0380i	0.4208+0.0544i	-0.5812-0.1076i	-0.4820+0.0299i
5.2	-0.3564-0.0626i	-2.5386+0.0760i	0.3809+0.0495i	-0.5849-0.1151i	-0.6114+0.0478i	0.4184+0.0602i	-0.5828-0.1100i	-0.5279+0.0347i
5.3	-0.3595-0.0740i	-2.6803+0.0740i	0.3741+0.0567i	-0.5958-0.1350i	-0.6728+0.0507i	0.4121+0.0689i	-0.5931-0.1298i	-0.5833+0.0445i
5.4	-0.3584-0.0781i	-2.8383+0.0777i	0.3726+0.0669i	-0.5939-0.1430i	-0.7325+0.0776i	0.4096+0.0820i	-0.5911-0.1398i	-0.6386+0.0650i
5.5	-0.3547-0.0701i	-3.0151+0.1110i	0.3750+0.0767i	-0.5865-0.1286i	-0.7895+0.1034i	0.4094+0.0909i	-0.5821-0.1261i	-0.6928+0.0928i
5.6	-0.3565-0.0673i	-3.1664+0.1033i	0.3746+0.0851i	-0.5938-0.1231i	-0.8559+0.1119i	0.4084+0.0974i	-0.5888-0.1200i	-0.7529+0.1082i

5.7	-0.3709-0.0662i	-3.3383+0.0921i	0.3756+0.0911i	-0.6281-0.1158i	-0.9400+0.1334i	0.4123+0.1026i	-0.6223-0.1130i	-0.8290+0.1237i
5.8	-0.3831-0.0692i	-3.4930+0.1425i	0.3789+0.1035i	-0.6596-0.1197i	-1.0108+0.1842i	0.4185+0.1154i	-0.6534-0.1177i	-0.8944+0.1702i
5.9	-0.3863-0.0712i	-3.6494+0.1681i	0.3989+0.1177i	-0.6702-0.1275i	-1.0646+0.2193i	0.4372+0.1324i	-0.6629-0.1265i	-0.9410+0.2068i
6.0	-0.3858-0.0618i	-3.8327+0.1638i	0.4241+0.1151i	-0.6694-0.1127i	-1.1275+0.2281i	0.4604+0.1287i	-0.6630-0.1114i	-0.9972+0.2108i
6.1	-0.3806-0.0541i	-4.0098+0.1579i	0.4377+0.1052i	-0.6655-0.0929i	-1.2209+0.2314i	0.4753+0.1146i	-0.6574-0.0933i	-1.0851+0.2121i
6.2	-0.3813-0.0470i	-4.1970+0.1482i	0.4378+0.0961i	-0.6782-0.0799i	-1.3578+0.2288i	0.4755+0.1037i	-0.6676-0.0807i	-1.2162+0.2157i
6.3	-0.3737-0.0463i	-4.4466+0.1390i	0.4332+0.0877i	-0.6718-0.0839i	-1.5456+0.2446i	0.4686+0.0960i	-0.6598-0.0834i	-1.3922+0.2305i
6.4	-0.3740-0.0393i	-4.7398+0.1573i	0.4277+0.0951i	-0.6811-0.0606i	-1.7969+0.3091i	0.4626+0.1026i	-0.6668-0.0598i	-1.6341+0.2851i
6.5	-0.3716-0.0374i	-4.9584+0.1813i	0.4262+0.0977i	-0.6916-0.0530i	-2.0139+0.3822i	0.4593+0.1060i	-0.6720-0.0539i	-1.8402+0.3578i
6.6	-0.3641-0.0350i	-5.2928+0.2016i	0.4350+0.1002i	-0.6923-0.0471i	-2.3988+0.5274i	0.4659+0.1086i	-0.6675-0.0493i	-2.2056+0.5011i
6.7	-0.3598-0.0379i	-5.5859+0.3140i	0.4541+0.1036i	-0.7029-0.0457i	-2.7521+0.7923i	0.4844+0.1171i	-0.6725-0.0509i	-2.5532+0.7595i
6.8	-0.3509-0.0427i	-5.9097+0.4259i	0.4726+0.1014i	-0.7077-0.0442i	-3.2467+1.1086i	0.4987+0.1165i	-0.6711-0.0532i	-3.0337+1.0652i
6.9	-0.3370-0.0520i	-6.3045+0.7218i	0.4955+0.1056i	-0.7133-0.0293i	-3.8952+1.9663i	0.5193+0.1267i	-0.6695-0.0516i	-3.6675+1.9015i
7.0	-0.3194-0.0841i	-6.7803+1.2206i	0.5285+0.0848i	-0.7224-0.0216i	-4.7968+3.7951i	0.5463+0.1189i	-0.6663-0.0665i	-4.5558+3.6864i
7.1	-0.3362-0.1212i	-6.5938+1.9412i	0.5440+0.0253i	-0.7146+0.0064i	-3.4842+6.2524i	0.5748+0.0767i	-0.6749-0.0703i	-3.2738+6.0946i
7.2	-0.3819-0.1332i	-5.8515+2.1892i	0.5091-0.0411i	-0.6688+0.0286i	-0.0587+7.1630i	0.5644+0.0148i	-0.6749-0.0607i	0.0918+7.0007i
7.3	-0.4061-0.1158i	-5.6517+1.7442i	0.4376-0.0418i	-0.6363+0.0056i	1.7053+5.6724i	0.4989+0.0033i	-0.6671-0.0648i	1.8344+5.5426i
7.4	-0.4263-0.0992i	-5.6267+1.3640i	0.4054-0.0040i	-0.6530-0.0274i	2.5903+4.1047i	0.4750+0.0303i	-0.6943-0.0778i	2.7067+4.0086i
7.5	-0.4341-0.0681i	-5.8972+0.8359i	0.3956+0.0312i	-0.6767-0.0414i	2.5112+2.2305i	0.4658+0.0539i	-0.7188-0.0650i	2.6466+2.1759i
7.6	-0.4259-0.0553i	-6.3749+0.6004i	0.4023+0.0522i	-0.6940-0.0479i	1.7600+1.4699i	0.4691+0.0703i	-0.7272-0.0619i	1.9158+1.4251i
7.7	-0.4127-0.0507i	-6.8691+0.5881i	0.4106+0.0638i	-0.6992-0.0420i	1.0720+1.3535i	0.4738+0.0799i	-0.7229-0.0546i	1.2440+1.3054i
7.8	-0.4029-0.0515i	-7.3538+0.7087i	0.4299+0.0850i	-0.7129-0.0385i	0.5890+1.4616i	0.4936+0.1042i	-0.7276-0.0512i	0.7791+1.4000i
7.9	-0.4022-0.0561i	-7.6220+0.8146i	0.4455+0.0966i	-0.7232-0.0412i	0.5111+1.5747i	0.5102+0.1176i	-0.7368-0.0536i	0.7127+1.5089i
8.0	-0.4022-0.0563i	-7.9518+0.8692i	0.4619+0.0985i	-0.7277-0.0363i	0.4352+1.4995i	0.5270+0.1174i	-0.7441-0.0479i	0.6403+1.4383i
8.1	-0.4002-0.0561i	-8.2683+0.8713i	0.4745+0.1114i	-0.7376-0.0413i	0.2981+1.4824i	0.5434+0.1305i	-0.7523-0.0529i	0.5155+1.4207i
8.2	-0.4015-0.0510i	-8.5878+0.9152i	0.4855+0.1195i	-0.7536-0.0400i	0.2013+1.4432i	0.5569+0.1385i	-0.7652-0.0490i	0.4269+1.3717i
8.3	-0.3973-0.0493i	-9.1143+0.9952i	0.5009+0.1189i	-0.7668-0.0366i	-0.1010+1.4159i	0.5709+0.1373i	-0.7745-0.0468i	0.1435+1.3430i
8.4	-0.3929-0.0515i	-9.5238+1.0972i	0.5121+0.1085i	-0.7749-0.0339i	-0.3533+1.4671i	0.5804+0.1265i	-0.7768-0.0477i	-0.0995+1.3955i
8.5	-0.3794-0.0562i	-10.0402+1.2591i	0.5439+0.1076i	-0.7848-0.0363i	-0.7220+1.6132i	0.6139+0.1267i	-0.7829-0.0512i	-0.4553+1.5306i
8.6	-0.3680-0.0653i	-10.4342+1.4452i	0.5690+0.0972i	-0.8029-0.0265i	-1.0092+1.8534i	0.6419+0.1144i	-0.7968-0.0457i	-0.7386+1.7621i
8.7	-0.3600-0.0841i	-10.9715+1.7387i	0.5867+0.0662i	-0.8164-0.0199i	-1.3078+2.2521i	0.6609+0.0790i	-0.8039-0.0461i	-1.0328+2.1635i
8.8	-0.3528-0.0966i	-11.5005+2.0477i	0.5944+0.0549i	-0.8254-0.0161i	-1.5984+2.6325i	0.6693+0.0703i	-0.8083-0.0460i	-1.3102+2.5409i
8.9	-0.3456-0.1328i	-12.1966+2.7601i	0.6085+0.0217i	-0.8443-0.0054i	-1.9442+3.5624i	0.6868+0.0379i	-0.8234-0.0502i	-1.6403+3.4586i
9.0	-0.3483-0.1897i	-12.4497+3.7316i	0.6210-0.0271i	-0.8515-0.0011i	-1.8648+4.7241i	0.7008-0.0124i	-0.8316-0.0639i	-1.5618+4.6145i
9.1	-0.3755-0.2319i	-12.3396+4.2984i	0.5968-0.0630i	-0.8577-0.0055i	-1.2046+5.5001i	0.6796-0.0477i	-0.8455-0.0793i	-0.9084+5.3960i
9.2	-0.3801-0.2665i	-12.8452+4.8479i	0.6008-0.0619i	-0.8705-0.0046i	-1.3553+6.0871i	0.6850-0.0437i	-0.8579-0.0890i	-1.0436+5.9882i
9.3	-0.4810-0.3429i	-11.7232+6.8231i	0.5893-0.1261i	-0.8721+0.0173i	0.4369+8.3920i	0.6765-0.1063i	-0.8949-0.1024i	0.7699+8.2690i
9.4	-0.6273-0.3110i	-9.3542+6.9498i	0.5102-0.1633i	-0.8624+0.0203i	3.8836+8.4327i	0.6027-0.1420i	-0.9403-0.0945i	4.2173+8.2995i
9.5	-0.6709-0.2296i	-8.4164+5.5278i	0.4644-0.1390i	-0.8702+0.0061i	5.3679+6.6091i	0.5651-0.1189i	-0.9688-0.0781i	5.7024+6.4847i
9.6	-0.6820-0.1323i	-8.3674+3.7484i	0.4195-0.0998i	-0.8923-0.0123i	5.9639+4.4479i	0.5242-0.0814i	-0.9965-0.0581i	6.3062+4.3214i
9.7	-0.6610-0.0817i	-9.1189+2.7692i	0.3988-0.0639i	-0.9220-0.0212i	5.6252+3.2856i	0.5063-0.0483i	-1.0147-0.0477i	5.9747+3.1528i
9.8	-0.6313-0.0582i	-9.9901+2.1919i	0.3878-0.0230i	-0.9681-0.0124i	5.1882+2.4921i	0.5056-0.0127i	-1.0467-0.0282i	5.5553+2.3562i
9.9	-0.6147-0.0519i	-10.8439+1.9185i	0.3930+0.0146i	-1.0074-0.0017i	4.7378+2.0602i	0.5182+0.0185i	-1.0787-0.0110i	5.1230+1.9091i
10.0	-0.6057-0.0357i	-11.4568+1.9224i	0.4039+0.0426i	-1.0304+0.0366i	4.4751+1.8571i	0.5330+0.0432i	-1.0963+0.0231i	4.8576+1.6881i
10.1	-0.5863-0.0203i	-11.9172+2.0353i	0.4380+0.0605i	-1.0248+0.0781i	4.3714+1.6594i	0.5723+0.0511i	-1.0901+0.0677i	4.7500+1.4797i
10.2	-0.5738-0.0220i	-12.4166+2.0032i	0.4724+0.0593i	-1.0053+0.0891i	4.2874+1.4115i	0.5991+0.0439i	-1.0744+0.0824i	4.6556+1.2475i
10.3	-0.5621-0.0387i	-12.9260+1.6873i	0.4977+0.0598i	-1.0012+0.0793i	4.1876+1.1115i	0.6217+0.0382i	-1.0668+0.0742i	4.5530+0.9706i
10.4	-0.5466-0.0510i	-13.3548+1.4432i	0.5023+0.0567i	-1.0082+0.0607i	4.0464+0.8669i	0.6286+0.0341i	-1.0699+0.0594i	4.4276+0.7403i
10.5	-0.5523-0.0649i	-13.9748+1.3042i	0.5081+0.0544i	-1.0320+0.0548i	3.8558+0.7047i	0.6346+0.0298i	-1.0904+0.0579i	4.2587+0.5852i
10.6	-0.5659-0.0702i	-14.6141+1.2118i	0.5126+0.0488i	-1.0553+0.0497i	3.6970+0.5986i	0.6388+0.0236i	-1.1123+0.0536i	4.1160+0.4830i
10.7	-0.5838-0.0798i	-15.4329+1.1053i	0.5203+0.0489i	-1.0895+0.0490i	3.4852+0.4602i	0.6469+0.0212i	-1.1450+0.0536i	3.9293+0.3398i
10.8	-0.5954-0.0826i	-15.9630+1.0806i	0.5248+0.0513i	-1.1176+0.0514i	3.3357+0.4141i	0.6529+0.0218i	-1.1689+0.0576i	3.7982+0.2896i
10.9	-0.6084-0.0819i	-16.7473+0.9567i	0.5300+0.0518i	-1.1491+0.0557i	3.1856+0.3833i	0.6623+0.0221i	-1.1974+0.0611i	3.6679+0.2652i
11.0	-0.6209-0.0807i	-17.4485+0.9206i	0.5390+0.0525i	-1.1728+0.0642i	3.0943+0.3539i	0.6719+0.0192i	-1.2227+0.0682i	3.5982+0.2350i
11.1	-0.6341-0.0792i	-18.3507+1.0292i	0.5465+0.0517i	-1.2101+0.0770i	2.9829+0.3070i	0.6821+0.0167i	-1.2591+0.0799i	3.5134+0.1915i
11.2	-0.6454-0.0777i	-18.8938+0.9127i	0.5544+0.0504i	-1.2423+0.0794i	2.9092+0.2859i	0.6931+0.0166i	-1.2876+0.0827i	3.4526+0.1799i
11.3	-0.6585-0.0768i	-19.9078+0.8540i	0.5634+0.0514i	-1.2919+0.0850i	2.8033+0.2787i	0.7071+0.0173i	-1.3348+0.0890i	3.3827+0.1765i
11.4	-0.6660-0.0748i	-20.5917+0.8946i	0.5641+0.0507i	-1.3229+0.0890i	2.7489+0.2543i	0.7119+0.0139i	-1.3621+0.0932i	3.3522+0.1575i
11.5	-0.6729-0.0769i	-21.3512+0.7441i	0.5674+0.0568i	-1.3683+0.1056i	2.6811+0.2579i	0.7205+0.0141i	-1.4079+0.1106i	3.3153+0.1577i
11.6	-0.6808-0.0729i	-22.2386+0.6756i	0.5719+0.0593i	-1.4104+0.1206i	2.6261+0.2614i	0.7327+0.0145i	-1.4519+0.1239i	3.2957+0.1708i
11.7	-0.6941-0.0715i	-23.5168+0.6644i	0.5807+0.0654i	-1.4531+0.1583i	2.5788+0.2819i	0.7471+0.0140i	-1.4933+0.1554i	3.2903+0.1903i
11.8	-0.7056-0.0760i	-24.5405+0.5560i	0.5894+0.0669i	-1.5032+0.1715i	2.5512+0.2800i	0.7643+0.0138i	-1.5434+0.1736i	3.3011+0.1898i
11.9	-0.7146-0.0773i	-25.7089+0.8868i	0.5991+0.0699i	-1.5573+0.2156i	2.5344+0.2853i	0.7841+0.0036i	-1.5997+0.2172i	3.3216+0.1764i

12.0	-0.7267-0.0798i	-27.2260+1.1124i	0.6053+0.0720i	-1.6214+0.2494i	2.5085+0.2781i	0.8017-0.0024i	-1.6649+0.2498i	3.3529+0.1618i
12.1	-0.7340-0.0875i	-28.2790+0.9790i	0.6092+0.0784i	-1.6915+0.2819i	2.4736+0.2676i	0.8157-0.0052i	-1.7342+0.2829i	3.3734+0.1527i
12.2	-0.7409-0.0914i	-29.2697+1.0276i	0.6165+0.0832i	-1.7419+0.3137i	2.4587+0.2610i	0.8309-0.0114i	-1.7839+0.3140i	3.3957+0.1370i
12.3	-0.7513-0.1015i	-30.6618+1.4446i	0.6236+0.0902i	-1.8004+0.3722i	2.4206+0.2581i	0.8493-0.0197i	-1.8408+0.3701i	3.4208+0.1109i
12.4	-0.7610-0.1177i	-32.1410+1.7377i	0.6291+0.0959i	-1.8745+0.4486i	2.3904+0.2413i	0.8675-0.0355i	-1.9142+0.4479i	3.4532+0.0864i
12.5	-0.7767-0.1526i	-33.5510+1.8826i	0.6372+0.1111i	-1.9342+0.5676i	2.3453+0.2269i	0.8828-0.0530i	-1.9751+0.5654i	3.4798+0.0569i
12.6	-0.7985-0.1873i	-34.8580+2.0516i	0.6452+0.1278i	-1.9820+0.6893i	2.3219+0.2208i	0.8963-0.0749i	-2.0207+0.6845i	3.5201+0.0173i
12.7	-0.8334-0.2281i	-36.4406+2.4440i	0.6575+0.1519i	-2.0199+0.8423i	2.3047+0.2342i	0.9077-0.0944i	-2.0564+0.8355i	3.5637-0.0204i
12.8	-0.9098-0.2678i	-37.9610+3.1044i	0.6846+0.1791i	-1.9423+1.0268i	2.2482+0.2515i	0.8971-0.1191i	-1.9792+1.0180i	3.5640-0.0562i
12.9	-0.9751-0.2817i	-39.0305+3.5347i	0.7139+0.1902i	-1.8492+1.1108i	2.2102+0.2626i	0.8853-0.1273i	-1.8913+1.1007i	3.5653-0.0747i
13.0	-1.1051-0.2760i	-41.1794+3.9270i	0.7749+0.1968i	-1.6458+1.1382i	2.1999+0.3063i	0.8658-0.1250i	-1.6934+1.1294i	3.6071-0.0680i
13.1	-1.1939-0.2613i	-42.7106+3.9926i	0.8129+0.1963i	-1.5268+1.1328i	2.1910+0.3473i	0.8560-0.1189i	-1.5740+1.1253i	3.6434-0.0617i
13.2	-1.2717-0.2272i	-44.3204+4.4838i	0.8488+0.1866i	-1.4708+1.0823i	2.1657+0.3561i	0.8590-0.1074i	-1.5205+1.0733i	3.6742-0.0774i
13.3	-1.3583-0.1799i	-46.5847+4.6197i	0.8889+0.1793i	-1.4350+1.0035i	2.1619+0.4043i	0.8722-0.0859i	-1.4861+0.9948i	3.7582-0.0613i
13.4	-1.4156-0.1338i	-48.5740+4.7423i	0.9141+0.1662i	-1.4374+0.9206i	2.1578+0.4346i	0.8864-0.0690i	-1.4885+0.9109i	3.8283-0.0539i
13.5	-1.4709-0.0882i	-50.6618+5.3946i	0.9377+0.1495i	-1.4799+0.8285i	2.1729+0.4404i	0.9074-0.0546i	-1.5338+0.8204i	3.9106-0.0829i
13.6	-1.5511-0.0362i	-53.5627+6.3448i	0.9621+0.1380i	-1.6021+0.7644i	2.1628+0.4740i	0.9422-0.0389i	-1.6581+0.7564i	4.0151-0.1083i
13.7	-1.6347+0.0233i	-56.7984+6.7225i	0.9811+0.1332i	-1.7416+0.7294i	2.1620+0.5135i	0.9767-0.0269i	-1.7971+0.7237i	4.1423-0.1242i
13.8	-1.7216+0.0913i	-59.8556+7.4921i	1.0067+0.1217i	-1.8692+0.7332i	2.1447+0.5288i	1.0113-0.0298i	-1.9280+0.7255i	4.2711-0.1572i
13.9	-1.7759+0.1590i	-62.4351+8.3180i	1.0293+0.1151i	-1.9679+0.7427i	2.1261+0.5337i	1.0425-0.0299i	-2.0292+0.7362i	4.3610-0.2021i
14.0	-1.8528+0.2690i	-66.5436+9.4640i	1.0615+0.1097i	-2.1318+0.7743i	2.0650+0.5878i	1.0893-0.0235i	-2.1944+0.7670i	4.4963-0.2715i
14.1	-1.9396+0.3590i	-70.3565+10.4247i	1.0839+0.1175i	-2.2691+0.8459i	2.0039+0.7129i	1.1212-0.0177i	-2.3295+0.8346i	4.6209-0.2814i
14.2	-1.9800+0.4890i	-74.6008+12.4382i	1.1198+0.1139i	-2.4224+0.9368i	1.9827+0.8310i	1.1672-0.0199i	-2.4840+0.9260i	4.7461-0.3717i
14.3	-2.0164+0.6166i	-78.8049+14.7660i	1.1498+0.1038i	-2.5714+1.0128i	1.9571+0.8565i	1.2045-0.0279i	-2.6310+0.9989i	4.8411-0.5312i
14.4	-2.0711+0.7270i	-83.4590+16.7716i	1.1837+0.1020i	-2.7308+1.0932i	1.9378+0.9404i	1.2523-0.0300i	-2.7931+1.0779i	4.9846-0.6071i
14.5	-2.1422+0.8943i	-89.7135+19.7375i	1.2320+0.1066i	-2.9568+1.2448i	1.8587+1.1634i	1.3192-0.0290i	-3.0265+1.2285i	5.1240-0.6648i
14.6	-2.1899+1.0883i	-95.4872+23.2118i	1.2669+0.1168i	-3.1677+1.4460i	1.7487+1.4499i	1.3680-0.0262i	-3.2354+1.4230i	5.1876-0.7377i
14.7	-2.1175+1.2633i	-99.6401+27.1970i	1.3167+0.1279i	-3.2774+1.6539i	1.9182+1.7947i	1.4329-0.0222i	-3.3498+1.6269i	5.3160-0.7350i
14.8	-1.9650+1.3862i	-104.4244+32.3445i	1.4199+0.1151i	-3.3374+1.9076i	2.3736+2.0833i	1.5457-0.0500i	-3.4223+1.8796i	5.5957-0.7277i
14.9	-1.8959+1.3687i	-108.5935+36.1078i	1.4902+0.0640i	-3.4027+2.0145i	2.6591+1.9976i	1.6241-0.1033i	-3.4984+1.9871i	5.8212-0.8266i
15.0	-1.9561+1.2959i	-116.4241+38.5429i	1.5568+0.0342i	-3.6408+2.0703i	2.7708+1.8550i	1.7157-0.1403i	-3.7391+2.0444i	6.1578-0.9067i
15.1	-2.1793+1.2363i	-128.3671+41.7795i	1.6241+0.0120i	-4.1021+2.1835i	2.7081+1.8108i	1.8200-0.1867i	-4.2029+2.1642i	6.6462-0.9347i
15.2	-2.5206+1.3781i	-142.4910+50.4929i	1.6971-0.0325i	-4.7129+2.5315i	2.5673+1.9194i	1.9338-0.2565i	-4.8205+2.5152i	7.2487-1.1902i
15.3	-2.8489+1.6782i	-156.6826+62.4333i	1.7529-0.0550i	-5.2996+3.0704i	2.3294+2.2954i	2.0270-0.3136i	-5.4061+3.0495i	7.7726-1.5049i
15.4	-3.1471+2.2036i	-168.9299+82.0001i	1.8030-0.0936i	-5.8564+4.0279i	2.1053+2.9109i	2.1128-0.4154i	-5.9615+3.9975i	8.2435-2.0838i
15.5	-3.3861+3.0567i	-182.4561+113.2049i	1.9148-0.1568i	-6.3463+5.5772i	2.1640+3.7452i	2.2454-0.5916i	-6.4678+5.5337i	8.8575-3.1959i
15.6	-3.5109+4.3662i	-195.1003+158.9173i	2.0100-0.2301i	-6.6732+7.9186i	2.3111+5.1192i	2.3588-0.8267i	-6.8178+7.8652i	9.3435-4.7675i
15.7	-2.8768+5.5611i	-182.7942+203.2968i	2.0765-0.3019i	-5.6766+10.1463i	3.1560+6.5061i	2.3512-1.0491i	-5.8544+10.0866i	8.8509-6.1026i
15.8	-0.7780+6.6475i	-123.5904+250.8880i	2.1491-0.4554i	-2.0615+12.2702i	5.8295+7.5726i	2.1478-1.3346i	-2.2868+12.2368i	6.8934-7.5821i
15.9	1.4407+6.3860i	-58.8465+255.1457i	2.2071-0.4448i	1.7996+12.1639i	8.8975+7.9422i	1.9262-1.2995i	1.5261+12.1681i	5.0136-6.9015i
16.0	2.7436+5.2475i	-20.2505+231.1595i	2.3266-0.4949i	4.1959+10.3929i	11.3465+6.7247i	1.8904-1.2109i	3.8963+10.4456i	4.4933-5.7467i
16.1	3.3450+3.8662i	-7.3300+201.2861i	2.5558-0.5887i	5.3986+8.2071i	13.3686+4.7964i	2.0363-1.1406i	5.0897+8.3224i	5.0402-4.7507i
16.2	3.3595+3.0705i	-13.4604+182.3981i	2.7269-0.5696i	5.4830+6.9058i	14.3042+3.8286i	2.2021-1.0223i	5.1829+7.0616i	5.8234-4.0688i
16.3	3.1210+2.2087i	-27.9431+176.5670i	3.0772-0.8128i	5.1711+5.4998i	15.2489+1.6441i	2.5799-1.1475i	4.8886+5.7019i	7.1315-4.3694i
16.4	2.8218+1.7571i	-39.5732+184.1080i	3.3484-1.1718i	4.7288+4.8177i	15.6817-0.1719i	2.8883-1.4429i	4.4648+5.0530i	8.0750-5.1785i
16.5	2.6135+1.3222i	-44.1408+205.8407i	3.5764-1.8105i	4.4752+4.1872i	16.4823-2.8421i	3.1525-2.0174i	4.2533+4.4836i	9.1949-6.7599i
16.6	2.4261+1.0019i	-35.8761+227.4690i	3.5767-2.4235i	4.2833+3.7529i	16.5899-5.3657i	3.1881-2.5810i	4.1085+4.0914i	9.6908-8.4645i
16.7	2.0963+0.7475i	-10.2360+258.9895i	3.2876-3.3088i	4.1101+3.5439i	15.6062-8.9410i	2.9465-3.4438i	4.0108+3.9075i	9.3443-11.4551i
16.8	1.8780+0.6514i	24.6078+270.6235i	2.7568-3.8218i	4.2474+3.2742i	13.6209-10.9534i	2.4335-3.9425i	4.2193+3.6343i	7.7260-13.2048i
16.9	1.8086+0.5696i	69.8702+270.4359i	1.9368-4.2459i	4.1188+2.8279i	10.3552-12.5486i	1.6547-4.3615i	4.1538+3.1496i	4.7201-14.6387i
17.0	1.6834+0.4028i	111.8720+252.6937i	1.0777-4.2067i	3.8109+2.6670i	7.4661-12.8226i	0.8457-4.3527i	3.8901+2.9246i	2.0491-14.7419i
17.1	1.4213+0.3538i	132.1679+227.2543i	0.7240-3.9708i	3.8327+2.6410i	6.2833-12.4162i	0.4884-4.1523i	3.9044+2.8552i	1.0899-14.2406i
17.2	1.2929+0.4439i	149.7571+198.5314i	0.3569-3.7838i	3.9238+2.3508i	4.8899-11.9816i	0.1061-3.9750i	3.9956+2.5389i	-0.2762-13.7862i
17.3	1.3128+0.4901i	152.1290+168.1967i	0.1601-3.5565i	3.7301+2.0524i	4.3162-11.5569i	-0.0890-3.7563i	3.7866+2.2159i	-0.9575-13.1542i
17.4	1.3257+0.4680i	148.0401+152.0133i	0.0805-3.5687i	3.6127+1.9607i	3.8158-12.1530i	-0.1848-3.7806i	3.6588+2.1294i	-1.4761-13.4739i
17.5	1.3771+0.4111i	146.6390+141.3751i	-0.1506-3.5825i	3.5518+1.8850i	2.4827-12.3801i	-0.4388-3.7939i	3.6013+2.0578i	-2.7823-13.4444i
17.6	1.3940+0.2726i	145.3875+127.2910i	-0.4707-3.4780i	3.5010+1.7574i	1.0390-11.6713i	-0.7770-3.6647i	3.5622+1.9220i	-4.1299-12.4014i
17.7	1.3912+0.1160i	144.8640+115.3138i	-0.7902-3.3584i	3.4748+1.6637i	-0.2158-11.0474i	-1.1124-3.5261i	3.5444+1.8204i	-5.2535-11.4415i
17.8	1.3508-0.0073i	144.9815+109.1469i	-1.0136-3.2549i	3.4782+1.6240i	-1.0754-10.6607i	-1.3477-3.4135i	3.5555+1.7752i	-5.9651-10.8200i
17.9	1.2523-0.1255i	144.3899+100.3620i	-1.2410-3.0603i	3.4763+1.5276i	-1.8036-9.9140i	-1.5795-3.2011i	3.5583+1.6694i	-6.4756-9.8702i
18.0	1.1271-0.2085i	140.6591+88.7898i	-1.3772-2.7221i	3.4493+1.3778i	-2.2059-8.7692i	-1.7150-2.8421i	3.5316+1.5043i	-6.6173-8.5743i
18.1	0.9959-0.2798i	137.4066+79.7743i	-1.4790-2.4390i	3.4285+1.2545i	-2.3677-7.9460i	-1.8132-2.5418i	3.5088+1.3701i	-6.5389-7.6208i
18.2	0.8765-0.3478i	134.6653+71.8375i	-1.5692-2.1790i	3.4132+1.1589i	-2.4750-7.2395i	-1.8975-2.2677i	3.4929+1.2657i	-6.4573-6.8000i

18.3	0.7859-0.3483i	132.4064+66.4793i	-1.5929-2.0057i	3.4075+1.0782i	-2.6384-6.9218i	-1.9199-2.0882i	3.4873+1.1811i	-6.4697-6.4411i
18.4	0.7150-0.3575i	127.9399+60.4656i	-1.5779-1.8160i	3.3560+0.9949i	-2.6834-6.5126i	-1.9021-1.8880i	3.4323+1.0919i	-6.3809-5.9736i
18.5	0.6302-0.3988i	124.3395+56.1224i	-1.6039-1.6451i	3.3322+0.9158i	-3.1335-6.2666i	-1.9261-1.7083i	3.4130+1.0106i	-6.6484-5.6100i
18.6	0.5114-0.4719i	122.3886+51.1121i	-1.6481-1.3946i	3.3329+0.8228i	-3.7519-5.4325i	-1.9645-1.4446i	3.4219+0.9009i	-7.0071-4.6507i
18.7	0.3633-0.4758i	120.0873+46.4322i	-1.5381-1.1893i	3.3356+0.7613i	-3.3974-4.4758i	-1.8508-1.2373i	3.4162+0.8244i	-6.4327-3.7523i
18.8	0.2432-0.4240i	116.9032+42.5924i	-1.4200-1.0903i	3.3218+0.6950i	-2.9687-4.1450i	-1.7299-1.1366i	3.3924+0.7552i	-5.8495-3.5078i
18.9	0.1505-0.3238i	113.4151+38.2736i	-1.3429-1.0110i	3.3275+0.5868i	-2.7649-3.9567i	-1.6533-1.0518i	3.3914+0.6478i	-5.5305-3.4408i
19.0	0.1018-0.2573i	109.4275+34.7855i	-1.2587-0.9273i	3.3181+0.4922i	-2.5264-3.7011i	-1.5690-0.9622i	3.3774+0.5514i	-5.2272-3.2548i
19.1	0.0726-0.2040i	106.3516+32.9319i	-1.2008-0.8872i	3.3153+0.4218i	-2.4144-3.5871i	-1.5122-0.9191i	3.3717+0.4797i	-5.0978-3.1985i
19.2	0.0392-0.1386i	102.2831+29.7493i	-1.1320-0.8123i	3.3100+0.2934i	-2.2762-3.3778i	-1.4450-0.8349i	3.3631+0.3516i	-4.9507-3.0300i
19.3	0.0255-0.1028i	99.2176+27.8062i	-1.0890-0.7647i	3.3022+0.2193i	-2.1940-3.2453i	-1.4030-0.7825i	3.3532+0.2774i	-4.8547-2.9183i
19.4	0.0104-0.0883i	96.7514+26.8590i	-1.0549-0.7343i	3.3087+0.1611i	-2.1450-3.1741i	-1.3739-0.7469i	3.3597+0.2187i	-4.8053-2.8358i
19.5	-0.0110-0.0645i	93.4339+25.7113i	-0.9865-0.6986i	3.3066+0.0424i	-1.9998-3.1272i	-1.3091-0.7004i	3.3532+0.1010i	-4.6537-2.7393i
19.6	-0.0255-0.0271i	91.5910+25.0397i	-0.9615-0.6823i	3.2927-0.0650i	-2.0229-3.1275i	-1.2868-0.6759i	3.3399-0.0036i	-4.6428-2.7072i
19.7	-0.0492+0.0045i	89.8303+24.4372i	-0.9376-0.6730i	3.2608-0.1702i	-2.0970-3.1507i	-1.2646-0.6564i	3.3096-0.1053i	-4.6468-2.7147i
19.8	-0.0759+0.0390i	88.3164+23.5044i	-0.9209-0.6527i	3.2466-0.2754i	-2.1930-3.0970i	-1.2466-0.6243i	3.2989-0.2082i	-4.6922-2.6607i
19.9	-0.1037+0.0815i	87.2238+22.6228i	-0.9230-0.6250i	3.2409-0.3600i	-2.3386-2.9776i	-1.2472-0.5889i	3.2963-0.2909i	-4.7912-2.5701i
20.0	-0.1046+0.1154i	85.7310+20.8956i	-0.9152-0.5755i	3.2041-0.4050i	-2.5032-2.6580i	-1.2385-0.5336i	3.2659-0.3415i	-4.9204-2.3099i
20.1	-0.0944+0.1323i	83.7221+20.2459i	-0.8769-0.5476i	3.1749-0.4344i	-2.4418-2.4507i	-1.2000-0.5019i	3.2377-0.3735i	-4.8793-2.1398i
20.2	-0.0850+0.1369i	82.1281+19.2743i	-0.8537-0.5217i	3.2023-0.4571i	-2.4173-2.2613i	-1.1818-0.4726i	3.2693-0.3999i	-4.8988-1.9894i
20.3	-0.1011+0.1437i	80.4302+18.4473i	-0.8245-0.4996i	3.2743-0.5392i	-2.3299-2.1113i	-1.1583-0.4400i	3.3429-0.4833i	-4.8773-1.8216i
20.4	-0.1274+0.1584i	78.3911+17.7432i	-0.7856-0.4765i	3.3471-0.6243i	-2.2597-1.9529i	-1.1258-0.4059i	3.4175-0.5750i	-4.8538-1.6545i
20.5	-0.1608+0.1667i	76.9690+16.8556i	-0.7679-0.4377i	3.4721-0.7227i	-2.2206-1.7787i	-1.1184-0.3572i	3.5450-0.6804i	-4.9053-1.4489i
20.6	-0.1980+0.1966i	75.1828+16.3296i	-0.7335-0.4223i	3.5721-0.8987i	-2.0847-1.6211i	-1.0914-0.3245i	3.6462-0.8656i	-4.8514-1.2148i
20.7	-0.2418+0.2520i	73.6065+16.2068i	-0.7099-0.4139i	3.7197-1.1498i	-2.0147-1.5138i	-1.0802-0.2902i	3.7917-1.1276i	-4.8687-0.9779i
20.8	-0.2718+0.3231i	72.2077+16.0120i	-0.6897-0.4002i	3.7860-1.4512i	-1.9383-1.4660i	-1.0655-0.2491i	3.8537-1.4382i	-4.8330-0.7766i
20.9	-0.2830+0.3939i	71.0942+16.5282i	-0.6664-0.3971i	3.7953-1.7721i	-1.8721-1.4413i	-1.0428-0.2165i	3.8563-1.7647i	-4.7825-0.5968i
21.0	-0.3046+0.5014i	69.7109+16.3514i	-0.6431-0.3808i	3.8277-2.3187i	-1.8121-1.3199i	-1.0118-0.1486i	3.8739-2.3130i	-4.7106-0.2141i
21.1	-0.2684+0.6118i	68.7649+16.5286i	-0.6307-0.3767i	3.6411-2.7757i	-1.7679-1.2631i	-0.9715-0.1096i	3.6785-2.7701i	-4.5695+0.0379i
21.2	-0.1680+0.7059i	68.0614+16.7409i	-0.6150-0.3687i	3.2201-3.1749i	-1.7539-1.1634i	-0.9141-0.0758i	3.2505-3.1650i	-4.3646+0.2989i
21.3	-0.0770+0.7646i	67.5348+16.6114i	-0.6083-0.3503i	2.8201-3.4746i	-1.7408-1.0682i	-0.8755-0.0437i	2.8450-3.4588i	-4.1724+0.5156i
21.4	0.0653+0.7912i	67.5042+16.3916i	-0.6054-0.3415i	2.1834-3.6438i	-1.7051-0.9435i	-0.8238-0.0289i	2.2049-3.6209i	-3.8743+0.7080i
21.5	0.1758+0.8128i	67.6070+16.2946i	-0.5990-0.3340i	1.6991-3.8008i	-1.6444-0.8927i	-0.7861-0.0142i	1.7205-3.7737i	-3.6410+0.8291i
21.6	0.2610+0.7604i	67.5302+16.1162i	-0.5943-0.3317i	1.2865-3.6390i	-1.5961-0.8118i	-0.7556-0.0271i	1.3088-3.6084i	-3.4237+0.8496i
21.7	0.3270+0.6747i	66.9572+15.4967i	-0.5782-0.3231i	0.9029-3.3646i	-1.5015-0.7341i	-0.7136-0.0332i	0.9272-3.3308i	-3.1524+0.8430i
21.8	0.3584+0.6094i	66.2961+15.1598i	-0.5670-0.3148i	0.6447-3.1439i	-1.3768-0.6694i	-0.6846-0.0395i	0.6702-3.1079i	-2.8951+0.8126i
21.9	0.4072+0.5606i	65.9676+14.4830i	-0.5832-0.3034i	0.3678-2.9424i	-1.2629-0.6219i	-0.6811-0.0419i	0.3957-2.9054i	-2.6976+0.7803i
22.0	0.4212+0.5125i	65.5414+14.1904i	-0.5648-0.2926i	0.2185-2.7590i	-1.1315-0.6096i	-0.6530-0.0416i	0.2493-2.7225i	-2.5128+0.7312i
22.1	0.4384+0.4757i	65.0073+13.4814i	-0.5578-0.2791i	0.0696-2.6058i	-1.0720-0.6055i	-0.6371-0.0367i	0.1045-2.5667i	-2.3658+0.6975i
22.2	0.4410+0.4307i	64.5563+12.8687i	-0.5563-0.2680i	-0.0020-2.4187i	-1.0332-0.5992i	-0.6289-0.0380i	0.0356-2.3801i	-2.2740+0.6417i
22.3	0.4456+0.3960i	63.8734+12.4729i	-0.5495-0.2476i	-0.0634-2.2845i	-1.0006-0.5726i	-0.6188-0.0264i	-0.0241-2.2453i	-2.2059+0.6091i
22.4	0.4393+0.3663i	63.0897+12.0188i	-0.5393-0.2363i	-0.0854-2.1546i	-0.9280-0.5733i	-0.6055-0.0215i	-0.0438-2.1142i	-2.1121+0.5563i
22.5	0.4465+0.3387i	62.4713+11.6177i	-0.5167-0.2210i	-0.1624-2.0249i	-0.8540-0.5652i	-0.5786-0.0138i	-0.1211-1.9866i	-2.0238+0.5168i
22.6	0.4521+0.3039i	61.8697+11.2584i	-0.5115-0.2143i	-0.1933-1.9093i	-0.8048-0.5968i	-0.5749-0.0109i	-0.1506-1.8764i	-1.9667+0.4729i
22.7	0.4549+0.2754i	61.5708+10.9353i	-0.5131-0.1867i	-0.2378-1.8141i	-0.7816-0.5725i	-0.5748+0.0151i	-0.1896-1.7849i	-1.9346+0.4739i
22.8	0.4219+0.2777i	60.9671+10.9614i	-0.4775-0.1901i	-0.2020-1.7757i	-0.6632-0.5523i	-0.5444+0.0132i	-0.1534-1.7463i	-1.8136+0.4422i
22.9	0.3969+0.2717i	60.0099+10.9452i	-0.4564-0.1961i	-0.1015-1.7480i	-0.5984-0.6312i	-0.5329+0.0143i	-0.0541-1.7196i	-1.7745+0.3712i
23.0	0.3861+0.2822i	59.2532+10.9386i	-0.4441-0.1971i	-0.0720-1.7962i	-0.5920-0.7530i	-0.5204+0.0302i	-0.0265-1.7669i	-1.7550+0.3049i
23.1	0.3879+0.3126i	58.9918+11.3200i	-0.4372-0.2235i	-0.1512-1.9415i	-0.6129-0.9072i	-0.4977+0.0274i	-0.1040-1.9116i	-1.6969+0.2300i
23.2	0.4290+0.3200i	58.8142+11.1507i	-0.4441-0.2159i	-0.3567-2.0040i	-0.6814-0.9273i	-0.4719+0.0519i	-0.3089-1.9779i	-1.6559+0.2373i
23.3	0.4904+0.3111i	58.6381+10.7340i	-0.4518-0.2008i	-0.6568-2.0057i	-0.7734-0.9279i	-0.4359+0.0760i	-0.6087-1.9795i	-1.5863+0.2296i
23.4	0.5501+0.2895i	58.5977+10.5422i	-0.4609-0.1854i	-0.9690-1.9606i	-0.9250-0.8398i	-0.4007+0.0865i	-0.9157-1.9388i	-1.5708+0.2679i
23.5	0.5906+0.2383i	58.4052+10.0768i	-0.4520-0.1755i	-1.2148-1.6668i	-0.9725-0.7476i	-0.3562+0.0569i	-1.1635-1.6488i	-1.5030+0.1882i
23.6	0.5959+0.1898i	58.1133+9.6231i	-0.4492-0.1628i	-1.3038-1.3773i	-1.0004-0.6668i	-0.3383+0.0292i	-1.2549-1.3626i	-1.4714+0.0964i
23.7	0.6170+0.0960i	57.6553+9.4250i	-0.4418-0.1412i	-1.3664-0.9928i	-0.9977-0.5280i	-0.3240+0.0038i	-1.3177-0.9811i	-1.4899+0.0514i
23.8	0.6028+0.0353i	57.2764+9.1867i	-0.4317-0.1218i	-1.3233-0.7714i	-0.9455-0.4107i	-0.3170-0.0035i	-1.2781-0.7647i	-1.4889+0.0738i
23.9	0.5599-0.0392i	56.8865+8.6887i	-0.4225-0.1043i	-1.1577-0.5032i	-0.8980-0.3353i	-0.3238-0.0159i	-1.1148-0.4967i	-1.4997+0.0525i
24.0	0.5201-0.0737i	56.0018+8.5261i	-0.4011-0.0949i	-0.9929-0.3619i	-0.8295-0.2829i	-0.3214-0.0204i	-0.9486-0.3549i	-1.5226+0.0349i
24.1	0.4884-0.0818i	55.7142+8.2088i	-0.3913-0.0946i	-0.9042-0.2882i	-0.7669-0.2727i	-0.3216-0.0295i	-0.8617-0.2825i	-1.5158-0.0103i
24.2	0.4478-0.1138i	55.3357+8.1172i	-0.3768-0.0913i	-0.7752-0.1993i	-0.6874-0.2750i	-0.3216-0.0324i	-0.7366-0.1914i	-1.4912-0.0311i
24.3	0.3986-0.1237i	54.4228+8.2272i	-0.3553-0.0916i	-0.6136-0.1669i	-0.6306-0.2642i	-0.3146-0.0379i	-0.5760-0.1583i	-1.5061-0.0450i
24.4	0.3809-0.1326i	54.2239+8.2765i	-0.3440-0.0920i	-0.5832-0.1294i	-0.5650-0.2355i	-0.3055-0.0441i	-0.5484-0.1246i	-1.4841-0.0471i
24.5	0.3694-0.1418i	54.2214+8.0555i	-0.3544-0.0820i	-0.5532-0.1075i	-0.5541-0.1853i	-0.3183-0.0354i	-0.5177-0.1032i	-1.5192-0.0096i

24.6	0.3510−0.1624i	53.8578+8.0318i	−0.3479−0.0644i	−0.4818−0.0998i	−0.5142−0.1417i	−0.3187−0.0183i	−0.4445−0.0966i	−1.5476+0.0487i
24.7	0.3289−0.1623i	53.6170+8.0900i	−0.3328−0.0554i	−0.4317−0.1188i	−0.4706−0.1002i	−0.3118−0.0091i	−0.3955−0.1152i	−1.5504+0.0856i
24.8	0.2914−0.1614i	53.0211+8.1067i	−0.3115−0.0581i	−0.3659−0.1021i	−0.3951−0.1051i	−0.2957−0.0136i	−0.3326−0.0993i	−1.5018+0.0774i
24.9	0.2585−0.1775i	52.5949+8.0264i	−0.2935−0.0441i	−0.3196−0.0877i	−0.3344−0.0994i	−0.2801−0.0050i	−0.2864−0.0862i	−1.4607+0.1216i
25.0	0.2208−0.1842i	52.2589+8.0572i	−0.2752−0.0405i	−0.2634−0.0815i	−0.2608−0.0945i	−0.2646−0.0013i	−0.2340−0.0801i	−1.4021+0.1476i
25.1	0.1949−0.1874i	51.9310+7.8881i	−0.2697−0.0339i	−0.2267−0.0784i	−0.2246−0.0882i	−0.2610+0.0061i	−0.1970−0.0801i	−1.3897+0.1761i
25.2	0.1791−0.1876i	51.8295+7.7773i	−0.2598−0.0306i	−0.2031−0.0721i	−0.1743−0.1052i	−0.2508+0.0104i	−0.1774−0.0754i	−1.3798+0.1875i
25.3	0.1594−0.1758i	51.5609+7.7608i	−0.2462−0.0371i	−0.1741−0.0889i	−0.1308−0.1451i	−0.2403+0.0067i	−0.1495−0.0873i	−1.3472+0.1619i
25.4	0.1290−0.1585i	51.1258+7.6356i	−0.2266−0.0388i	−0.1571−0.0881i	−0.0829−0.1475i	−0.2241+0.0024i	−0.1340−0.0848i	−1.2823+0.1481i
25.5	0.1129−0.1556i	50.9857+7.5780i	−0.2174−0.0360i	−0.1402−0.0802i	−0.0382−0.1575i	−0.2160+0.0019i	−0.1170−0.0773i	−1.2688+0.1570i
25.6	0.1000−0.1497i	50.9059+7.7230i	−0.2122−0.0421i	−0.1130−0.0865i	0.0005−0.2086i	−0.2113−0.0030i	−0.0923−0.0846i	−1.2749+0.1393i
25.7	0.0761−0.1477i	50.5893+7.3484i	−0.1963−0.0380i	−0.0938−0.0699i	0.0484−0.2357i	−0.1962+0.0019i	−0.0755−0.0673i	−1.2140+0.1743i
25.8	0.0587−0.1296i	50.4570+7.2727i	−0.1951−0.0437i	−0.0818−0.0731i	0.0447−0.2774i	−0.1956−0.0079i	−0.0637−0.0703i	−1.2140+0.1442i
25.9	0.0560−0.1225i	50.2404+7.2926i	−0.1927−0.0484i	−0.0635−0.0767i	0.0680−0.3100i	−0.1930−0.0144i	−0.0445−0.0726i	−1.2270+0.1137i
26.0	0.0523−0.1150i	49.9204+7.3480i	−0.1915−0.0470i	−0.0354−0.0875i	0.0672−0.3411i	−0.1957−0.0117i	−0.0162−0.0842i	−1.2547+0.1214i
26.1	0.0421−0.0996i	49.4711+7.3428i	−0.1775−0.0453i	−0.0300−0.0868i	0.0961−0.3277i	−0.1822−0.0132i	−0.0066−0.0813i	−1.2217+0.1141i
26.2	0.0310−0.0983i	49.1197+7.4027i	−0.1702−0.0408i	−0.0201−0.0795i	0.1023−0.3471i	−0.1750−0.0104i	0.0018−0.0756i	−1.2136+0.1552i
26.3	0.0219−0.0932i	48.6731+7.4071i	−0.1518−0.0360i	−0.0091−0.0753i	0.1564−0.3585i	−0.1576−0.0050i	0.0082−0.0716i	−1.1644+0.1851i
26.4	0.0082−0.0905i	48.4517+7.4985i	−0.1388−0.0448i	0.0157−0.0747i	0.1991−0.4527i	−0.1474−0.0140i	0.0312−0.0702i	−1.1242+0.1577i
26.5	−0.0069−0.0827i	48.4299+7.3747i	−0.1328−0.0392i	0.0251−0.0809i	0.1904−0.4787i	−0.1431−0.0072i	0.0432−0.0766i	−1.1231+0.1768i
26.6	−0.0137−0.0748i	48.2993+7.6401i	−0.1288−0.0421i	0.0243−0.0965i	0.1825−0.5167i	−0.1341−0.0060i	0.0402−0.0915i	−1.1422+0.1802i
26.7	−0.0188−0.0675i	48.1415+7.8443i	−0.1192−0.0503i	0.0212−0.0865i	0.1897−0.5567i	−0.1244−0.0182i	0.0362−0.0794i	−1.1320+0.1534i
26.8	−0.0319−0.0573i	47.9546+7.9898i	−0.1087−0.0572i	0.0335−0.0725i	0.1513−0.5763i	−0.1163−0.0282i	0.0495−0.0642i	−1.1212+0.1434i
26.9	−0.0416−0.0446i	47.8325+8.0786i	−0.1048−0.0616i	0.0460−0.0673i	0.1257−0.5688i	−0.1110−0.0313i	0.0609−0.0601i	−1.1476+0.1640i
27.0	−0.0485−0.0325i	47.7287+8.0987i	−0.0971−0.0595i	0.0696−0.0546i	0.1576−0.5693i	−0.1042−0.0333i	0.0844−0.0467i	−1.1253+0.2005i
27.1	−0.0587−0.0163i	47.4727+8.3437i	−0.0894−0.0662i	0.0972−0.0467i	0.1804−0.5795i	−0.0992−0.0439i	0.1096−0.0391i	−1.1353+0.1949i
27.2	−0.0664−0.0085i	47.4639+8.5057i	−0.0921−0.0731i	0.1192−0.0515i	0.1856−0.6224i	−0.0990−0.0490i	0.1341−0.0450i	−1.1561+0.2201i
27.3	−0.0731+0.0049i	47.4258+8.4575i	−0.0803−0.0774i	0.1457−0.0590i	0.1952−0.6917i	−0.0882−0.0554i	0.1584−0.0506i	−1.0654+0.2493i
27.4	−0.0726+0.0248i	47.3145+8.5364i	−0.0749−0.0797i	0.1820−0.0990i	0.1512−0.7467i	−0.0908−0.0593i	0.1960−0.0899i	−1.0579+0.3038i
27.5	−0.0666+0.0427i	47.4269+8.6800i	−0.0721−0.0766i	0.1892−0.1452i	0.1217−0.7908i	−0.0864−0.0553i	0.2029−0.1371i	−1.0154+0.4077i
27.6	−0.0677+0.0621i	47.3701+8.8606i	−0.0600−0.0817i	0.1988−0.1781i	0.1345−0.8481i	−0.0758−0.0582i	0.2107−0.1684i	−0.9646+0.4304i
27.7	−0.0599+0.0820i	47.5986+9.1996i	−0.0601−0.0975i	0.1855−0.2109i	0.0868−0.9293i	−0.0759−0.0733i	0.1966−0.1991i	−0.9138+0.4298i
27.8	−0.0480+0.0916i	47.7559+9.2615i	−0.0532−0.1077i	0.1501−0.2304i	0.0182−0.9664i	−0.0655−0.0835i	0.1616−0.2210i	−0.7782+0.4354i
27.9	−0.0359+0.0963i	48.0626+9.0963i	−0.0587−0.1093i	0.1203−0.2416i	−0.0764−0.9776i	−0.0671−0.0828i	0.1328−0.2300i	−0.7001+0.4258i
28.0	−0.0119+0.1051i	48.3792+9.1839i	−0.0683−0.1138i	0.0734−0.2544i	−0.2030−0.9782i	−0.0746−0.0882i	0.0888−0.2414i	−0.6437+0.4119i
28.1	−0.0048+0.0986i	48.4209+8.7235i	−0.0677−0.0970i	0.0424−0.2336i	−0.2977−0.8487i	−0.0701−0.0784i	0.0566−0.2239i	−0.5542+0.3713i
28.2	0.0051+0.0925i	48.6014+8.5546i	−0.0654−0.0960i	0.0159−0.2240i	−0.3319−0.7790i	−0.0661−0.0754i	0.0310−0.2125i	−0.5065+0.3395i
28.3	0.0127+0.0944i	48.6529+8.4685i	−0.0696−0.1002i	0.0002−0.2068i	−0.3865−0.7452i	−0.0723−0.0813i	0.0184−0.1943i	−0.4905+0.2563i
28.4	0.0143+0.0956i	48.7090+8.1588i	−0.0635−0.0868i	−0.0138−0.1967i	−0.4024−0.6517i	−0.0619−0.0710i	0.0006−0.1893i	−0.4404+0.2648i
28.5	0.0161+0.0941i	48.5620+8.0154i	−0.0547−0.0846i	−0.0112−0.1656i	−0.3770−0.5668i	−0.0553−0.0740i	0.0009−0.1595i	−0.4297+0.2106i
28.6	0.0159+0.0881i	48.3486+7.7423i	−0.0453−0.0857i	−0.0078−0.1399i	−0.3380−0.5232i	−0.0456−0.0796i	0.0045−0.1306i	−0.3795+0.1370i
28.7	0.0178+0.0819i	48.1890+7.6933i	−0.0467−0.0874i	−0.0047−0.1273i	−0.3286−0.4934i	−0.0457−0.0841i	0.0096−0.1193i	−0.3951+0.0860i
28.8	0.0200+0.0770i	48.1659+7.5943i	−0.0466−0.0809i	0.0016−0.1177i	−0.3217−0.4521i	−0.0454−0.0825i	0.0178−0.1075i	−0.4105+0.0570i
28.9	0.0134+0.0745i	48.1388+7.3710i	−0.0245−0.0805i	0.0045−0.1022i	−0.2439−0.4206i	−0.0253−0.0807i	0.0163−0.0947i	−0.3500+0.0143i
29.0	0.0021+0.0715i	47.6664+7.2832i	−0.0096−0.0820i	0.0234−0.0871i	−0.2072−0.3996i	−0.0122−0.0855i	0.0339−0.0794i	−0.3482−0.0398i
29.1	0.0129+0.0757i	47.8991+7.5418i	−0.0315−0.0892i	0.0199−0.0959i	−0.2728−0.4055i	−0.0353−0.0949i	0.0317−0.0871i	−0.4407−0.0612i
29.2	0.0109+0.0706i	47.7224+7.1570i	−0.0171−0.0897i	0.0237−0.0893i	−0.2331−0.3751i	−0.0199−0.0927i	0.0359−0.0814i	−0.4101−0.0766i
29.3	−0.0007+0.0731i	47.3281+6.9075i	0.0081−0.0921i	0.0374−0.0833i	−0.1549−0.3469i	0.0054−0.0957i	0.0456−0.0721i	−0.3475−0.1012i
29.4	−0.0197+0.0755i	47.0275+7.1114i	0.0266−0.1092i	0.0473−0.0755i	−0.0823−0.3646i	0.0258−0.1112i	0.0537−0.0627i	−0.3119−0.1587i
29.5	−0.0190+0.0626i	47.0075+7.0325i	0.0233−0.1064i	0.0596−0.0583i	−0.0909−0.3608i	0.0201−0.1122i	0.0646−0.0499i	−0.3626−0.1872i
29.6	−0.0218+0.0649i	46.6782+6.8078i	0.0272−0.1068i	0.0639−0.0507i	−0.0882−0.3522i	0.0239−0.1214i	0.0679−0.0417i	−0.3616−0.2276i
29.7	−0.0199+0.0736i	46.6860+7.0892i	0.0093−0.1096i	0.0623−0.0595i	−0.1409−0.3406i	0.0076−0.1247i	0.0698−0.0489i	−0.4170−0.2333i
29.8	−0.0275+0.0830i	46.7240+7.1000i	0.0151−0.1169i	0.0664−0.0583i	−0.1205−0.3447i	0.0153−0.1312i	0.0718−0.0467i	−0.4066−0.2605i
29.9	−0.0370+0.0817i	46.6974+7.0460i	0.0174−0.1177i	0.0657−0.0566i	−0.1199−0.3302i	0.0219−0.1285i	0.0731−0.0475i	−0.4064−0.2546i
30.0	−0.0524+0.0780i	46.7053+7.0358i	0.0266−0.1040i	0.0723−0.0483i	−0.0878−0.2738i	0.0324−0.1193i	0.0802−0.0423i	−0.3857−0.2289i
30.1	−0.0444+0.0773i	46.7393+6.9031i	0.0263−0.1200i	0.0683−0.0533i	−0.0847−0.3374i	0.0319−0.1365i	0.0735−0.0426i	−0.4117−0.2855i
30.2	−0.0375+0.1011i	46.5852+7.0630i	0.0238−0.1312i	0.0638−0.0588i	−0.0861−0.3551i	0.0324−0.1526i	0.0730−0.0471i	−0.4429−0.3279i
30.3	−0.0499+0.1092i	46.5074+7.0694i	0.0095−0.1138i	0.0717−0.0516i	−0.1332−0.2911i	0.0232−0.1397i	0.0833−0.0408i	−0.4867−0.2942i
30.4	−0.0701+0.1245i	46.3151+7.1292i	0.0346−0.1303i	0.0859−0.0521i	−0.0558−0.3217i	0.0501−0.1651i	0.0952−0.0387i	−0.4191−0.3659i
30.5	−0.0771+0.1315i	46.2576+6.9294i	0.0643−0.1369i	0.0834−0.0495i	0.0220−0.3478i	0.0817−0.1759i	0.0876−0.0344i	−0.3259−0.4023i
30.6	−0.0714+0.1506i	46.0284+6.7292i	0.0753−0.1536i	0.0857−0.0413i	0.0603−0.3839i	0.0920−0.1987i	0.0884−0.0211i	−0.3317−0.5027i
30.7	−0.0697+0.1518i	45.9700+7.1076i	0.0527−0.1526i	0.0898−0.0443i	−0.0218−0.3672i	0.0669−0.1979i	0.0962−0.0273i	−0.4379−0.4831i
30.8	−0.0779+0.1810i	46.0468+7.3658i	0.0425−0.1634i	0.0926−0.0532i	−0.0610−0.3592i	0.0616−0.2200i	0.1023−0.0354i	−0.4660−0.5113i

30.9	-0.0610+0.2070i	46.0860+7.5002i	0.0335-0.1490i	0.0828-0.0506i	-0.0727-0.2927i	0.0490-0.2181i	0.0908-0.0368i	-0.4960-0.4912i
31.0	-0.0717+0.2427i	45.9259+7.3985i	0.0226-0.1524i	0.0717-0.0320i	-0.1163-0.3034i	0.0503-0.2410i	0.0832-0.0193i	-0.5200-0.5382i
31.1	-0.0501+0.2507i	46.1673+7.5998i	0.0295-0.1650i	0.0615-0.0370i	-0.0474-0.3568i	0.0572-0.2615i	0.0746-0.0205i	-0.5482-0.5654i
31.2	-0.0357+0.2579i	46.2412+7.8469i	0.0263-0.1682i	0.0619-0.0439i	-0.0407-0.3620i	0.0490-0.2680i	0.0746-0.0271i	-0.5645-0.5818i
31.3	-0.0376+0.2641i	46.0577+7.5831i	0.0511-0.1501i	0.0771-0.0195i	0.0372-0.3189i	0.0738-0.2689i	0.0871-0.0016i	-0.5268-0.5862i
31.4	-0.0350+0.2656i	46.1583+7.4413i	0.0671-0.1193i	0.0725+0.0254i	0.0496-0.2511i	0.0854-0.2677i	0.0826+0.0421i	-0.4921-0.5434i
31.5	-0.0091+0.2990i	45.9643+7.5396i	0.0688-0.1110i	0.0815+0.0187i	0.0444-0.1611i	0.0773-0.2656i	0.0912+0.0339i	-0.5103-0.5650i
31.6	-0.0142+0.3074i	46.1770+7.5645i	0.0723-0.0984i	0.0904+0.0348i	0.0184-0.1148i	0.0794-0.2661i	0.0986+0.0479i	-0.4915-0.5614i
31.7	0.0196+0.3315i	46.3588+7.8074i	0.0688-0.1072i	0.0847+0.0568i	0.0251-0.1712i	0.0653-0.3014i	0.0977+0.0754i	-0.5353-0.6119i
31.8	0.0839+0.3840i	45.9022+7.9458i	0.0961-0.1472i	0.1292+0.0515i	0.1591-0.2575i	0.0455-0.3588i	0.1381+0.0721i	-0.6384-0.7650i
31.9	0.1266+0.3739i	45.9607+8.0895i	0.1012-0.1231i	0.1334+0.0460i	0.2109-0.1552i	0.0373-0.3304i	0.1379+0.0623i	-0.6819-0.7211i
32.0	0.1367+0.3971i	46.0629+7.8836i	0.1178-0.0991i	0.1652+0.0713i	0.1747-0.1020i	0.0246-0.3391i	0.1755+0.0895i	-0.6711-0.7204i
32.1	0.1969+0.3701i	46.0243+7.8864i	0.1412-0.1176i	0.2005+0.0772i	0.1981-0.1724i	-0.0036-0.3551i	0.2096+0.0981i	-0.7341-0.7328i
32.2	0.2016+0.3716i	46.0310+7.5733i	0.1655-0.1039i	0.2237+0.0988i	0.2191-0.1139i	0.0085-0.3526i	0.2277+0.1163i	-0.7087-0.7370i
32.3	0.2683+0.3114i	46.1052+8.0701i	0.1655-0.1261i	0.2732+0.0580i	0.2314-0.1898i	-0.0464-0.3265i	0.2805+0.0747i	-0.8802-0.6367i
32.4	0.3373+0.3106i	46.2348+8.4481i	0.1945-0.1505i	0.3110+0.0107i	0.2808-0.1553i	-0.0767-0.3209i	0.3167+0.0275i	-0.9181-0.6547i
32.5	0.3653+0.2777i	46.1750+8.3626i	0.2273-0.1664i	0.3428-0.0402i	0.3582-0.0824i	-0.0741-0.2893i	0.3455-0.0232i	-0.9054-0.6308i
32.6	0.3963+0.2175i	46.0666+8.6758i	0.2366-0.1812i	0.3559-0.0638i	0.3942-0.1414i	-0.0819-0.2788i	0.3606-0.0441i	-0.9302-0.5476i
32.7	0.3963+0.1538i	46.2126+9.2254i	0.2185-0.2292i	0.3232-0.1263i	0.4040-0.2802i	-0.0825-0.2647i	0.3349-0.1050i	-0.9878-0.4943i
32.8	0.3776+0.0910i	46.6370+9.1490i	0.2207-0.2454i	0.3075-0.1455i	0.4379-0.3332i	-0.0682-0.2496i	0.3183-0.1227i	-0.9529-0.4584i
32.9	0.3662+0.0826i	46.6133+9.0914i	0.2292-0.2462i	0.3109-0.1582i	0.4354-0.3281i	-0.0566-0.2347i	0.3193-0.1369i	-0.9204-0.4314i
33.0	0.3576+0.0639i	47.0716+8.8738i	0.2464-0.2610i	0.2823-0.1661i	0.5130-0.3719i	-0.0244-0.2406i	0.2906-0.1434i	-0.8490-0.4482i
33.1	0.3569+0.0232i	47.3730+8.9489i	0.2269-0.2817i	0.2177-0.1805i	0.4940-0.4301i	-0.0006-0.2390i	0.2307-0.1602i	-0.8290-0.4262i
33.2	0.2907-0.0210i	47.5902+9.0026i	0.2007-0.3019i	0.2232-0.1701i	0.3962-0.5518i	-0.0185-0.2417i	0.2400-0.1517i	-0.8442-0.3843i
33.3	0.2492-0.0363i	47.8524+9.1491i	0.2077-0.3363i	0.2357-0.1778i	0.3711-0.6460i	-0.0064-0.2724i	0.2522-0.1540i	-0.8169-0.4366i
33.4	0.2476-0.0455i	48.1705+8.9429i	0.1703-0.3339i	0.1982-0.1747i	0.2781-0.6308i	-0.0162-0.2570i	0.2129-0.1543i	-0.8375-0.4383i
33.5	0.2186-0.0106i	48.3700+8.5618i	0.1508-0.3188i	0.1581-0.1510i	0.2246-0.5959i	0.0072-0.2635i	0.1733-0.1354i	-0.7781-0.4834i
33.6	0.1659-0.0103i	48.4417+8.1104i	0.1571-0.3046i	0.1764-0.1135i	0.2027-0.6330i	0.0201-0.2733i	0.1920-0.0938i	-0.7281-0.4551i
33.7	0.1552-0.0245i	48.7790+8.4132i	0.1080-0.3253i	0.1327-0.1646i	0.0367-0.6523i	-0.0011-0.2526i	0.1513-0.1488i	-0.7760-0.3864i
33.8	0.1682-0.0249i	48.9012+8.7480i	0.0611-0.3308i	0.1226-0.1650i	-0.0797-0.6480i	-0.0416-0.2596i	0.1459-0.1497i	-0.8708-0.3992i
33.9	0.1533-0.0100i	49.0273+8.2004i	0.1246-0.2627i	0.1366-0.1151i	0.0410-0.4836i	0.0216-0.2392i	0.1549-0.1032i	-0.7422-0.3822i
34.0	0.1108-0.0210i	49.4977+8.0553i	0.1290-0.2537i	0.1483-0.1073i	0.0147-0.4390i	0.0197-0.2248i	0.1637-0.0975i	-0.7263-0.3131i
34.1	0.1200-0.0630i	49.7425+8.4018i	0.1052-0.2294i	0.1397-0.0721i	-0.0157-0.3893i	-0.0107-0.2207i	0.1575-0.0619i	-0.8279-0.2885i
34.2	0.1190-0.0344i	49.3570+8.1118i	0.1750-0.2350i	0.1834-0.0820i	0.0941-0.3683i	0.0368-0.2277i	0.1964-0.0658i	-0.7473-0.3425i
34.3	0.1123-0.0288i	49.6567+7.7487i	0.1862-0.2213i	0.1642-0.0751i	0.0635-0.3368i	0.0740-0.2171i	0.1712-0.0638i	-0.6282-0.2913i
34.4	0.1425-0.0594i	49.8539+8.0268i	0.1596-0.1948i	0.1207-0.0408i	0.0281-0.2713i	0.0707-0.2187i	0.1308-0.0338i	-0.6506-0.2789i
34.5	0.1124-0.0327i	49.8919+7.2758i	0.2051-0.2065i	0.1443-0.0408i	0.0733-0.2878i	0.1026-0.2281i	0.1539-0.0290i	-0.5751-0.3263i
34.6	0.1168-0.0181i	49.8376+7.2253i	0.2140-0.1910i	0.1344-0.0266i	0.0399-0.1579i	0.1245-0.2404i	0.1453-0.0160i	-0.5048-0.4375i
34.7	0.0968-0.0309i	50.1170+7.5040i	0.2134-0.1906i	0.1488-0.0172i	0.0527-0.1032i	0.1175-0.2427i	0.1545-0.0083i	-0.5289-0.4419i
34.8	0.0567-0.0142i	50.4508+7.2369i	0.2609-0.1940i	0.1934-0.0101i	0.1260-0.0611i	0.1435-0.2508i	0.1958-0.0021i	-0.5012-0.4984i
34.9	0.0498+0.0033i	50.5149+6.9384i	0.2870-0.2198i	0.2205-0.0173i	0.1386-0.0665i	0.1565-0.2708i	0.2263-0.0074i	-0.5039-0.5661i
35.0	0.0586+0.0045i	50.5631+7.0158i	0.3055-0.2658i	0.2211-0.0384i	0.1964-0.1413i	0.1715-0.3053i	0.2263-0.0253i	-0.5174-0.6151i
35.1	0.0793+0.0236i	50.4611+6.7235i	0.3345-0.2583i	0.2251-0.0325i	0.2906-0.0743i	0.1962-0.3212i	0.2266-0.0166i	-0.5199-0.7211i
35.2	0.0657+0.0371i	50.4510+6.4109i	0.3566-0.2451i	0.2561-0.0185i	0.3355+0.0003i	0.2079-0.3178i	0.2573-0.0027i	-0.5472-0.7393i
35.3	0.1051+0.0737i	50.3327+6.0505i	0.3819-0.3163i	0.2533-0.0339i	0.4274-0.0598i	0.2252-0.3881i	0.2613-0.0104i	-0.6025-0.8936i
35.4	0.0985+0.0889i	50.6543+5.8931i	0.3921-0.3179i	0.2482-0.0420i	0.4481-0.0750i	0.2484-0.3796i	0.2538-0.0215i	-0.5795-0.8348i
35.5	0.0867+0.1001i	51.0045+6.3302i	0.4010-0.3153i	0.3006-0.0551i	0.5938-0.0753i	0.2001-0.3636i	0.2983-0.0364i	-0.7929-0.7576i
35.6	0.1260+0.1084i	50.7510+5.8534i	0.4137-0.3566i	0.2856-0.0620i	0.6127-0.1337i	0.2180-0.4074i	0.2809-0.0422i	-0.8084-0.8465i
35.7	0.1794+0.1113i	50.4555+5.3138i	0.4391-0.4140i	0.2619-0.0688i	0.6621-0.2347i	0.2481-0.4670i	0.2617-0.0489i	-0.7877-0.9173i
35.8	0.2011+0.0786i	50.0136+5.3246i	0.3925-0.4462i	0.2761-0.0453i	0.6215-0.2638i	0.1931-0.5227i	0.2840-0.0257i	-0.9408-0.9995i
35.9	0.2285+0.1017i	50.0588+4.9523i	0.4218-0.4812i	0.2876-0.0724i	0.6378-0.3115i	0.2255-0.5349i	0.2919-0.0488i	-0.9246-0.9775i
36.0	0.2340+0.0853i	50.1778+5.1073i	0.4240-0.4899i	0.2809-0.1194i	0.6014-0.3862i	0.2266-0.5138i	0.2800-0.0931i	-0.9041-0.8145i
36.1	0.2656+0.0297i	50.3310+5.2060i	0.4547-0.5210i	0.2764-0.1160i	0.6565-0.4755i	0.2540-0.5447i	0.2804-0.0934i	-0.9013-0.8145i
36.2	0.2833+0.0101i	49.9913+5.1759i	0.4324-0.5699i	0.2722-0.1037i	0.6472-0.5231i	0.2365-0.5971i	0.2857-0.0755i	-0.9683-0.8791i
36.3	0.2707-0.0028i	50.2904+5.1313i	0.4406-0.5635i	0.2809-0.1207i	0.6192-0.5287i	0.2478-0.5795i	0.2846-0.0919i	-0.9558-0.7975i
36.4	0.2465-0.0356i	50.4831+5.2546i	0.4192-0.5607i	0.2994-0.1167i	0.5374-0.5208i	0.2201-0.5944i	0.3042-0.0924i	-1.0089-0.7495i
36.5	0.2588-0.0352i	50.8083+4.8205i	0.4636-0.5992i	0.3063-0.1207i	0.5808-0.5594i	0.2697-0.6241i	0.3135-0.0928i	-0.9564-0.7912i
36.6	0.2703-0.0555i	50.7645+4.5967i	0.4527-0.6630i	0.3025-0.1369i	0.5801-0.6348i	0.2677-0.6814i	0.3100-0.1067i	-0.9662-0.8386i
36.7	0.2497-0.0626i	50.9331+4.2065i	0.4200-0.6679i	0.2985-0.1413i	0.5014-0.6360i	0.2435-0.7087i	0.2983-0.1138i	-0.9766-0.7929i
36.8	0.2521-0.0975i	51.0454+4.1398i	0.4269-0.6972i	0.3013-0.1581i	0.4750-0.6650i	0.2509-0.7400i	0.3023-0.1367i	-0.9567-0.7906i
36.9	0.2628-0.1062i	50.7389+4.3998i	0.4583-0.7218i	0.3179-0.1681i	0.4912-0.6643i	0.2718-0.7713i	0.3250-0.1468i	-0.9396-0.7868i
37.0	0.2491-0.1201i	51.0789+4.2855i	0.4645-0.7596i	0.3135-0.1874i	0.4693-0.6939i	0.2804-0.8149i	0.3176-0.1520i	-0.8681-0.7846i
37.1	0.2277-0.1451i	50.9260+3.8889i	0.4555-0.8169i	0.2959-0.2073i	0.4454-0.7427i	0.2606-0.8749i	0.2988-0.1713i	-0.8748-0.8228i

37.2	0.2348-0.1654i	50.5966+4.2324i	0.4642-0.8513i	0.3103-0.2334i	0.4466-0.7710i	0.2401-0.8959i	0.3016-0.1982i	-0.8991-0.8312i
37.3	0.1949-0.2034i	50.6782+3.5663i	0.4106-0.9738i	0.2710-0.2566i	0.3453-0.8800i	0.2068-1.0257i	0.2753-0.2191i	-0.9270-0.9459i
37.4	0.1567-0.2001i	50.2998+3.4076i	0.3498-1.0214i	0.2239-0.2450i	0.2556-0.8887i	0.1479-1.1121i	0.2375-0.2140i	-0.9442-1.0069i
37.5	0.1618-0.2279i	49.9092+3.5310i	0.3296-1.0549i	0.2311-0.2845i	0.1981-0.9056i	0.1055-1.1279i	0.2404-0.2483i	-0.9661-0.9980i
37.6	0.1296-0.2318i	50.2428+3.5907i	0.3032-1.0510i	0.2185-0.2917i	0.1181-0.8758i	0.0583-1.1190i	0.2278-0.2490i	-0.9654-0.9893i
37.7	0.1261-0.2519i	50.5800+3.3635i	0.3204-1.0895i	0.2091-0.3141i	0.1273-0.9151i	0.0549-1.1598i	0.2157-0.2638i	-0.9388-1.0189i
37.8	0.1085-0.2482i	50.3724+3.0042i	0.2876-1.0953i	0.1984-0.2890i	0.0560-0.8550i	-0.0018-1.1719i	0.2059-0.2362i	-0.9421-1.0574i
37.9	0.0575-0.2753i	50.2525+2.9463i	0.1911-1.1680i	0.1508-0.2936i	-0.1218-0.9019i	-0.1148-1.2429i	0.1683-0.2413i	-0.9847-1.1259i
38.0	0.0117-0.2652i	50.2084+2.9876i	0.1782-1.1706i	0.1344-0.2831i	-0.1813-0.8645i	-0.1547-1.2340i	0.1485-0.2308i	-1.0073-1.1575i
38.1	0.0021-0.2297i	50.2784+3.3105i	0.1711-1.1600i	0.1199-0.2619i	-0.2250-0.7651i	-0.1661-1.2241i	0.1390-0.2180i	-0.9683-1.1657i
38.2	-0.0363-0.2084i	49.8831+3.3572i	0.0503-1.1485i	0.0779-0.2294i	-0.3931-0.6306i	-0.3151-1.1977i	0.1008-0.1836i	-1.0789-1.2136i
38.3	-0.0502-0.1982i	49.7656+3.1900i	0.0037-1.1405i	0.0649-0.2061i	-0.4565-0.5101i	-0.3728-1.1765i	0.0836-0.1594i	-1.0978-1.2608i
38.4	-0.0629-0.1893i	50.0064+3.7546i	-0.0059-1.1506i	0.0536-0.1860i	-0.5315-0.4443i	-0.3989-1.1527i	0.0747-0.1434i	-1.1291-1.2882i
38.5	-0.0660-0.1991i	50.0744+3.6254i	0.0006-1.1600i	0.0668-0.1723i	-0.5029-0.3410i	-0.3992-1.1358i	0.0874-0.1274i	-1.1783-1.3466i
38.6	-0.0711-0.1593i	49.8735+3.4028i	-0.0511-1.1513i	0.0543-0.1287i	-0.5612-0.1747i	-0.4552-1.1186i	0.0791-0.0875i	-1.2390-1.4180i
38.7	-0.0673-0.1563i	49.9916+3.2508i	-0.1007-1.1788i	0.0667-0.1116i	-0.5681-0.0500i	-0.5122-1.1254i	0.0945-0.0725i	-1.3091-1.5329i
38.8	-0.0546-0.1508i	49.8797+3.3192i	-0.0806-1.2343i	0.0781-0.1199i	-0.4602+0.0176i	-0.4835-1.1389i	0.1068-0.0826i	-1.3817-1.6227i
38.9	-0.0831-0.1500i	50.4793+3.7966i	-0.1011-1.2365i	0.0808-0.1074i	-0.3519+0.1052i	-0.4616-1.1072i	0.1055-0.0626i	-1.5698-1.6147i
39.0	-0.0915-0.1277i	50.7013+3.5467i	-0.1321-1.2061i	0.0903-0.0760i	-0.3558+0.2606i	-0.4896-1.0741i	0.1123-0.0406i	-1.6411-1.6120i
39.1	-0.1052-0.1076i	50.4437+3.5245i	-0.2373-1.2164i	0.0866-0.0569i	-0.3250+0.3680i	-0.5704-1.0668i	0.1173-0.0224i	-1.8415-1.6154i
39.2	-0.1060-0.1146i	50.1722+3.4450i	-0.2748-1.2302i	0.1029-0.0613i	-0.1879+0.3886i	-0.5856-1.0711i	0.1369-0.0161i	-2.0101-1.5555i
39.3	-0.1211-0.0941i	50.2642+3.0660i	-0.3297-1.2774i	0.0864-0.0434i	-0.1530+0.3883i	-0.6110-1.1232i	0.1172+0.0012i	-2.1182-1.5248i
39.4	-0.1244-0.0842i	50.2233+3.1569i	-0.3949-1.2712i	0.1057-0.0256i	-0.0043+0.4452i	-0.6491-1.1029i	0.1392+0.0192i	-2.3494-1.4197i
39.5	-0.1258-0.0530i	50.1423+3.2861i	-0.4702-1.2441i	0.1142-0.0166i	0.0032+0.4710i	-0.7096-1.1043i	0.1531+0.0328i	-2.3747-1.2898i
39.6	-0.1527-0.0323i	50.1947+3.3565i	-0.5083-1.2485i	0.1092-0.0289i	0.0652+0.4310i	-0.7297-1.1221i	0.1526+0.0159i	-2.4089-1.1297i
39.7	-0.1519-0.0054i	50.0615+3.3588i	-0.5707-1.2250i	0.1079-0.0095i	0.1454+0.3758i	-0.7902-1.0921i	0.1474+0.0329i	-2.4589-1.0051i
39.8	-0.1193+0.0240i	49.9226+3.3564i	-0.6007-1.2007i	0.1355+0.0191i	0.1157+0.4238i	-0.8048-1.0599i	0.1738+0.0561i	-2.4290-0.9485i
39.9	-0.1034+0.0523i	49.9441+3.2162i	-0.6724-1.1390i	0.1747+0.0371i	0.1222+0.5964i	-0.8651-1.0239i	0.2238+0.0710i	-2.5004-0.9728i
40.0	-0.1006+0.0534i	50.3872+3.1570i	-0.7356-1.1239i	0.1621+0.0351i	0.1647+0.6024i	-0.9061-1.0382i	0.2093+0.0701i	-2.4905-0.8867i
40.1	-0.0838+0.0612i	50.1788+3.3149i	-0.7785-1.0700i	0.1740+0.0330i	0.2489+0.6042i	-0.9370-1.0036i	0.2240+0.0642i	-2.5154-0.7667i
40.2	-0.0852+0.0825i	50.2989+3.3748i	-0.7857-1.0004i	0.1712+0.0417i	0.2688+0.6142i	-0.9369-0.9573i	0.2168+0.0746i	-2.4931-0.6508i
40.3	-0.0696+0.1005i	50.4591+3.5535i	-0.7901-0.9228i	0.1740+0.0496i	0.3036+0.6473i	-0.9394-0.9053i	0.2172+0.0776i	-2.4442-0.5592i
40.4	-0.0687+0.1017i	50.4566+3.6957i	-0.8464-0.9164i	0.1671+0.0504i	0.3457+0.6168i	-0.9863-0.9234i	0.2104+0.0829i	-2.4333-0.5498i
40.5	-0.0679+0.1153i	50.6599+3.8062i	-0.8446-0.8749i	0.1998+0.0676i	0.4741+0.6226i	-0.9939-0.8866i	0.2506+0.0874i	-2.5234-0.5068i
40.6	-0.0351+0.1430i	50.5613+3.9839i	-0.8285-0.8214i	0.2167+0.0815i	0.5154+0.6334i	-1.0054-0.8690i	0.2776+0.0993i	-2.5079-0.4489i
40.7	-0.0219+0.1393i	50.4118+4.2932i	-0.8276-0.7940i	0.2230+0.0725i	0.5542+0.5955i	-1.0141-0.8631i	0.2785+0.0827i	-2.5005-0.4003i
40.8	0.0083+0.1538i	50.7587+4.1616i	-0.8093-0.7275i	0.2693+0.0849i	0.6477+0.6927i	-1.0241-0.8103i	0.3161+0.0914i	-2.5147-0.3926i
40.9	0.0325+0.1805i	51.0829+4.2728i	-0.8244-0.6831i	0.2692+0.1128i	0.6952+0.7577i	-1.0535-0.7904i	0.3265+0.1181i	-2.5174-0.3448i
41.0	0.0862+0.1911i	51.2111+4.0584i	-0.7957-0.6624i	0.2925+0.1123i	0.8615+0.7353i	-1.0569-0.7815i	0.3547+0.1171i	-2.5297-0.2363i
41.1	0.1162+0.1257i	51.0256+4.2463i	-0.7891-0.6484i	0.3270+0.0872i	0.9391+0.6438i	-1.0787-0.7580i	0.3705+0.0928i	-2.5182-0.1270i
41.2	0.1358+0.1341i	50.9883+4.2337i	-0.7744-0.6318i	0.3368+0.0880i	0.8519+0.6423i	-1.0784-0.7444i	0.3719+0.0942i	-2.3868-0.1502i
41.3	0.1626+0.1043i	51.1207+4.2142i	-0.7849-0.6081i	0.3215+0.1009i	0.8377+0.7362i	-1.1008-0.7263i	0.3658+0.1081i	-2.3682-0.2156i
41.4	0.1700+0.0818i	51.4575+4.4678i	-0.7790-0.5988i	0.3219+0.0937i	0.9036+0.7097i	-1.1023-0.7186i	0.3702+0.1082i	-2.3903-0.1405i
41.5	0.1682+0.0610i	51.8171+4.4447i	-0.7602-0.5811i	0.3472+0.0868i	0.9951+0.6681i	-1.0992-0.7050i	0.3861+0.0956i	-2.3850-0.0362i
41.6	0.1961+0.0443i	51.6429+4.1041i	-0.7393-0.5557i	0.3875+0.1040i	1.1501+0.7059i	-1.1030-0.6831i	0.4180+0.1080i	-2.4094-0.0894i
41.7	0.1956+0.0102i	51.5831+4.0285i	-0.7454-0.5382i	0.4224+0.1126i	1.3429+0.6816i	-1.1391-0.6529i	0.4594+0.1060i	-2.5360-0.0875i
41.8	0.1900+0.0002i	52.1841+4.1629i	-0.7314-0.5451i	0.4354+0.1219i	1.3369+0.6444i	-1.1488-0.6703i	0.4735+0.1135i	-2.4353-0.0702i
41.9	0.1734-0.0299i	51.9025+4.7481i	-0.7352-0.5252i	0.4563+0.0733i	1.3099+0.4910i	-1.1617-0.6279i	0.4896+0.0743i	-2.4510+0.0199i
42.0	0.1603-0.0104i	52.1459+4.6853i	-0.7167-0.4981i	0.4428+0.0799i	1.3510+0.5158i	-1.1426-0.6025i	0.4805+0.0780i	-2.5383+0.0882i
42.1	0.1745+0.0092i	52.5903+4.7253i	-0.7035-0.4977i	0.4560+0.0879i	1.3541+0.5112i	-1.1568-0.6172i	0.4991+0.0801i	-2.4886+0.2591i
42.2	0.1596+0.0116i	52.6444+4.7097i	-0.7004-0.5030i	0.4841+0.0773i	1.3209+0.3867i	-1.1863-0.6118i	0.5226+0.0716i	-2.3332+0.4052i
42.3	0.2181-0.0372i	52.4934+4.5874i	-0.6981-0.4880i	0.5299+0.0731i	1.3303+0.3656i	-1.2086-0.5921i	0.5564+0.0663i	-2.2050+0.3698i
42.4	0.2076-0.1037i	52.7431+4.5608i	-0.6660-0.5095i	0.5878+0.0107i	1.3340+0.3117i	-1.2209-0.5930i	0.6169+0.0027i	-2.1666+0.4437i
42.5	0.1385-0.1147i	53.0828+4.5816i	-0.6717-0.5111i	0.5534-0.0637i	1.1849+0.4087i	-1.2341-0.5484i	0.5812-0.0728i	-1.9601+0.3505i
42.6	0.1304-0.0719i	53.0474+4.6855i	-0.6808-0.4787i	0.5130-0.0379i	1.3202+0.5227i	-1.2377-0.5128i	0.5333-0.0569i	-2.0244+0.1735i
42.7	0.1265-0.0934i	53.1892+4.6638i	-0.6720-0.4939i	0.5247-0.0463i	1.4570+0.5015i	-1.2511-0.4894i	0.5407-0.0607i	-2.1112+0.0998i
42.8	0.1355-0.0983i	53.3554+5.0085i	-0.6968-0.4801i	0.5126-0.0415i	1.6077+0.4775i	-1.2718-0.4684i	0.5308-0.0483i	-2.2688+0.0637i
42.9	0.1345-0.0637i	53.6388+4.8543i	-0.7006-0.4286i	0.4913+0.0014i	1.4961+0.3940i	-1.2702-0.4352i	0.5059+0.0015i	-2.2222+0.1003i
43.0	0.1467-0.0805i	53.6371+4.5437i	-0.6834-0.4249i	0.5232+0.0544i	1.4833+0.5039i	-1.2854-0.4373i	0.5349+0.0508i	-2.2965+0.0416i
43.1	0.1694-0.1053i	53.8519+4.1477i	-0.6716-0.4470i	0.6020+0.0578i	1.6188+0.5783i	-1.3187-0.4353i	0.6136+0.0519i	-2.4245+0.1410i
43.2	0.1501-0.0930i	54.3985+4.6201i	-0.6586-0.4511i	0.6308+0.0228i	1.5888+0.6122i	-1.2886-0.4017i	0.6419+0.0198i	-2.2846+0.3392i
43.3	0.2026-0.1140i	54.3389+4.3873i	-0.6659-0.4631i	0.6328+0.0213i	1.7814+0.7810i	-1.2841-0.4262i	0.6384+0.0128i	-2.2130+0.1173i
43.4	0.1714-0.1283i	54.3079+4.5610i	-0.6747-0.4519i	0.6630+0.0149i	2.1728+0.7480i	-1.3368-0.4086i	0.6683+0.0003i	-2.5541+0.0746i

43.5	0.1544-0.1144i	54.5379+4.6061i	-0.6664-0.4361i	0.7029-0.0055i	2.3181+0.4494i	-1.3454-0.3785i	0.7119-0.0168i	-2.7576+0.4020i
43.6	0.1957-0.1503i	54.8801+4.6233i	-0.6387-0.4482i	0.7383-0.0502i	2.0921+0.2374i	-1.3574-0.3638i	0.7524-0.0657i	-2.4863+0.6854i
43.7	0.1772-0.1981i	55.2572+4.3311i	-0.6451-0.4566i	0.7358-0.0564i	1.9885+0.4926i	-1.3552-0.3399i	0.7466-0.0744i	-2.2858+0.5110i
43.8	0.1354-0.1416i	55.5779+4.3622i	-0.6606-0.4300i	0.7545-0.0378i	2.2915+0.8109i	-1.3566-0.3382i	0.7605-0.0640i	-2.4228+0.2818i
43.9	0.1607-0.1532i	55.6081+4.3367i	-0.6492-0.4328i	0.8396-0.0627i	2.8848+0.5681i	-1.4049-0.3354i	0.8377-0.0824i	-2.7073+0.3740i
44.0	0.1682-0.2096i	55.6224+4.6506i	-0.6652-0.4706i	0.8572-0.1512i	2.9185+0.0076i	-1.4299-0.2979i	0.8558-0.1627i	-2.6489+0.6377i
44.1	0.2068-0.2791i	55.7109+4.7547i	-0.7062-0.4637i	0.8406-0.1655i	2.7875-0.2399i	-1.4584-0.2785i	0.8445-0.1780i	-2.6588+0.6847i
44.2	0.1544-0.2306i	56.1416+4.4647i	-0.6723-0.4367i	0.8879-0.1958i	2.7473-0.3792i	-1.4892-0.2188i	0.8907-0.2151i	-2.8668+1.0306i
44.3	0.1415-0.2712i	56.1428+4.2673i	-0.6795-0.4552i	0.9500-0.3735i	2.4218-0.9191i	-1.5391-0.1026i	0.9376-0.3821i	-2.6047+1.7292i
44.4	0.0946-0.3081i	56.2755+4.2444i	-0.7083-0.4534i	0.8272-0.4985i	1.8675-0.7506i	-1.4603-0.0016i	0.8204-0.5000i	-1.8140+1.7440i
44.5	0.0226-0.2874i	56.2411+4.5249i	-0.7291-0.4208i	0.6799-0.4194i	1.7825+0.0275i	-1.3424-0.0273i	0.6712-0.4283i	-1.4158+0.9977i
44.6	0.0073-0.2529i	56.3993+4.8996i	-0.7295-0.4205i	0.6819-0.3895i	2.1019+0.1154i	-1.3325-0.0672i	0.6646-0.4013i	-1.6448+0.7673i
44.7	0.0427-0.1937i	56.5327+4.8136i	-0.7408-0.4037i	0.5460-0.3854i	2.2009+0.2168i	-1.3071-0.0810i	0.5359-0.3827i	-1.6669+0.6644i
44.8	0.0553-0.2389i	56.7126+4.7181i	-0.7133-0.3721i	0.5680-0.2169i	2.4850+0.3905i	-1.3114-0.1169i	0.5539-0.2201i	-1.8228+0.4027i
44.9	0.0415-0.1972i	57.1363+4.8520i	-0.6708-0.3658i	0.7384-0.2230i	3.1379+0.1629i	-1.3543-0.1301i	0.7221-0.2241i	-2.2492+0.5847i
45.0	0.0954-0.2514i	57.1450+4.9774i	-0.6415-0.3554i	0.7556-0.2386i	3.2078-0.3139i	-1.3930-0.1059i	0.7408-0.2378i	-2.2102+0.8151i
45.1	0.0442-0.2345i	57.5549+4.6639i	-0.6306-0.4095i	0.7871-0.2226i	3.0631-0.5007i	-1.4089-0.0612i	0.7662-0.2277i	-2.0585+0.9117i
45.2	0.0240-0.2119i	57.9869+4.6332i	-0.6488-0.4478i	0.8683-0.2760i	2.9721-0.6082i	-1.3845-0.0484i	0.8431-0.2738i	-1.9344+0.8506i
45.3	0.0510-0.2310i	58.3787+4.6997i	-0.6503-0.4620i	0.9677-0.3697i	3.0675-0.7761i	-1.3984-0.0566i	0.9420-0.3644i	-2.0356+0.7090i
45.4	0.0656-0.2370i	58.2775+4.4821i	-0.7104-0.4558i	0.9114-0.4486i	2.9732-0.8404i	-1.4303-0.0406i	0.8842-0.4393i	-2.2067+0.5868i
45.5	0.0910-0.3018i	58.3412+4.5353i	-0.7329-0.3861i	0.9409-0.4253i	3.2430-0.8433i	-1.5014-0.0130i	0.9215-0.4150i	-2.6836+0.8392i
45.6	-0.0030-0.3078i	58.7198+4.5445i	-0.7029-0.4180i	0.8969-0.5746i	3.0077-1.0763i	-1.4759+0.0497i	0.8813-0.5651i	-2.4069+1.2116i
45.7	0.0330-0.2784i	58.9766+4.3805i	-0.7282-0.4263i	0.7662-0.5560i	2.8997-0.8557i	-1.4429+0.0346i	0.7476-0.5486i	-2.2189+0.9820i
45.8	-0.0174-0.2792i	59.6583+4.4574i	-0.6966-0.4071i	0.8312-0.5323i	3.1990-1.2802i	-1.4851+0.0843i	0.8087-0.5194i	-2.5302+1.2985i
45.9	-0.0001-0.2489i	59.8100+4.5453i	-0.6811-0.4556i	0.8376-0.5811i	2.8986-1.7204i	-1.4570+0.1411i	0.8175-0.5685i	-2.3417+1.6592i
46.0	0.0362-0.2502i	60.0223+4.5014i	-0.7583-0.4684i	0.8838-0.5877i	2.4406-1.7064i	-1.4415+0.1635i	0.8679-0.5727i	-2.1606+1.6641i
46.1	-0.0065-0.2854i	60.6199+4.5130i	-0.7629-0.4390i	0.9654-0.7741i	2.3959-1.6331i	-1.4630+0.2321i	0.9467-0.7599i	-2.2009+2.0207i
46.2	-0.0032-0.2113i	60.5646+4.1809i	-0.8012-0.4868i	0.6652-0.9943i	2.1898-1.4258i	-1.3822+0.2795i	0.6454-0.9835i	-1.5383+2.1480i
46.3	0.0341-0.1769i	60.4561+4.0545i	-0.8462-0.4123i	0.4295-0.7526i	2.6755-1.0849i	-1.3695+0.1967i	0.4140-0.7402i	-1.7683+1.5767i
46.4	0.0544-0.1312i	61.4279+4.2461i	-0.8098-0.4243i	0.5254-0.6062i	3.0081-1.9163i	-1.4480+0.2420i	0.5073-0.6019i	-2.1694+2.4306i
46.5	0.1936-0.1540i	61.5826+3.8830i	-0.8838-0.4548i	0.4406-0.5950i	1.9455-2.0407i	-1.3209+0.2761i	0.4145-0.5949i	-0.7801+2.8225i
46.6	0.2336-0.3798i	61.5202+3.8060i	-0.9197-0.3787i	0.4427-0.3902i	1.5653-1.1183i	-1.2583+0.1561i	0.4062-0.3876i	0.0067+1.6269i
46.7	0.1410-0.4816i	61.8111+3.8190i	-0.9221-0.3467i	0.5548-0.3369i	1.8758-0.7237i	-1.3033+0.1382i	0.5165-0.3294i	-0.1979+1.0818i
46.8	0.0997-0.4976i	61.9626+3.6169i	-0.9246-0.2806i	0.6981-0.3385i	2.3260-0.6588i	-1.3683+0.1001i	0.6611-0.3275i	-0.6467+0.5432i
46.9	0.0375-0.5115i	62.3300+4.0032i	-0.8751-0.2722i	0.7943-0.4271i	2.5674-0.8887i	-1.4525+0.1186i	0.7639-0.4098i	-1.3136+0.6967i
47.0	-0.0659-0.4710i	62.7078+3.7544i	-0.8796-0.3246i	0.7405-0.5839i	2.1563-1.3516i	-1.4557+0.2676i	0.7147-0.5659i	-1.1606+1.6802i
47.1	-0.0118-0.4362i	62.4970+3.6404i	-0.9535-0.2756i	0.6036-0.4533i	1.7358-0.6991i	-1.3236+0.2495i	0.5727-0.4415i	-0.2148+1.3861i
47.2	0.0164-0.5661i	62.9176+4.0364i	-0.9187-0.1654i	0.7790-0.2317i	2.4021+0.2309i	-1.3315+0.0821i	0.7409-0.2237i	-0.1748+0.1813i
47.3	-0.1051-0.6516i	63.3896+3.9396i	-0.8556-0.1766i	0.9903-0.3339i	3.3470+0.1087i	-1.4659+0.0757i	0.9418-0.3273i	-0.9634-0.0413i
47.4	-0.2692-0.6151i	63.7764+3.8808i	-0.8189-0.2168i	1.1072-0.4957i	4.1409-0.5047i	-1.5635+0.1215i	1.0536-0.4770i	-1.5840+0.1507i
47.5	-0.3641-0.5366i	64.1451+3.8091i	-0.8168-0.2668i	1.1113-0.6897i	4.1958-1.3617i	-1.6058+0.2068i	1.0593-0.6568i	-1.8168+0.6343i
47.6	-0.3823-0.4187i	64.5020+3.6901i	-0.8810-0.3148i	0.9850-0.8505i	3.8063-2.1735i	-1.6113+0.2841i	0.9367-0.8147i	-1.6302+1.2104i
47.7	-0.3751-0.3514i	64.5811+2.8818i	-0.9535-0.3323i	0.8633-0.8735i	3.1813-2.5071i	-1.5926+0.3215i	0.8113-0.8355i	-1.0215+1.4561i
47.8	-0.3237-0.3374i	65.2633+2.9405i	-1.0596-0.2709i	0.7496-0.7676i	2.3658-2.1273i	-1.5570+0.2966i	0.6992-0.7286i	-0.2920+0.8892i
47.9	-0.2919-0.3652i	65.1715+2.7916i	-1.0919-0.1877i	0.7656-0.6916i	2.2584-1.5751i	-1.5926+0.2867i	0.7148-0.6552i	-0.5302+0.4038i
48.0	-0.3126-0.3860i	65.4217+2.4187i	-1.0642-0.1043i	0.7931-0.6611i	2.3345-1.3510i	-1.6126+0.3623i	0.7418-0.6220i	-0.5803+0.5733i
48.1	-0.3227-0.3924i	65.6923+2.4089i	-1.0750-0.0309i	0.8894-0.5767i	2.6017-0.7536i	-1.6070+0.3555i	0.8289-0.5315i	-0.3347-0.1240i
48.2	-0.3831-0.3750i	66.0527+2.3217i	-1.0089+0.0181i	1.0769-0.6752i	3.4680-0.8260i	-1.6871+0.3806i	1.0088-0.6245i	-1.2433-0.3252i
48.3	-0.4058-0.3087i	66.2436+2.2019i	-0.9724-0.0022i	1.1226-0.8765i	3.7817-1.4001i	-1.7067+0.4644i	1.0563-0.8235i	-1.4871+0.2600i
48.4	-0.3764-0.2454i	66.3887+2.0086i	-0.9960+0.0251i	0.9136-1.0162i	3.3758-1.8222i	-1.6516+0.5148i	0.8520-0.9549i	-1.0600+0.3832i
48.5	-0.3539-0.2569i	66.4453+2.2173i	-0.9893+0.0831i	0.7454-0.9223i	3.0867-1.5324i	-1.6374+0.5004i	0.6863-0.8613i	-0.9095+0.0388i
48.6	-0.3604-0.2603i	67.1542+2.3791i	-0.9142+0.1393i	0.8480-0.7420i	3.3477-1.2815i	-1.6691+0.5053i	0.7884-0.6821i	-1.1869-0.1507i
48.7	-0.3986-0.2630i	67.7298+2.5652i	-0.8622+0.1390i	0.9914-0.8451i	3.5322-1.5114i	-1.7198+0.5788i	0.9343-0.7844i	-1.3241-0.0258i
48.8	-0.4532-0.1851i	68.7267+1.9733i	-0.9169+0.0660i	0.8414-1.1478i	3.0815-1.9029i	-1.7014+0.7182i	0.7880-1.0810i	-0.8457+0.2988i
48.9	-0.4217-0.1129i	68.4715+1.5745i	-0.9496+0.1036i	0.6796-1.0889i	2.9262-1.3991i	-1.6076+0.7144i	0.6197-1.0161i	-0.6236-0.1871i
49.0	-0.3169-0.1169i	68.3835+1.4213i	-0.9106+0.2171i	0.6307-0.8626i	3.5873-0.9292i	-1.5582+0.6119i	0.5660-0.7910i	-1.1038-0.8345i
49.1	-0.2819-0.1414i	68.4274+1.5460i	-0.8584+0.2449i	0.6821-0.8076i	3.7186-1.1204i	-1.5874+0.6107i	0.6218-0.7320i	-1.3114-0.9597i
49.2	-0.2909-0.2242i	68.3731+2.2441i	-0.7319+0.3179i	0.9473-0.6515i	4.5407-0.7578i	-1.6836+0.5820i	0.8859-0.5647i	-2.3627-1.4641i
49.3	-0.3402-0.2154i	69.4575+2.1007i	-0.6716+0.2816i	1.0916-0.7695i	5.3513-1.2808i	-1.7794+0.6473i	1.0256-0.6851i	-3.0312-0.8872i
49.4	-0.3360-0.1489i	70.1618+1.7266i	-0.6495+0.1901i	1.1104-0.9852i	5.4613-2.4723i	-1.8141+0.7711i	1.0436-0.8964i	-2.9700+0.2327i
49.5	-0.3198-0.1880i	70.1863+1.6423i	-0.6728+0.1818i	1.0674-0.9379i	4.7275-2.4527i	-1.7487+0.7961i	1.0013-0.8452i	-2.3204+0.0720i
49.6	-0.3547-0.1736i	70.6676+1.0794i	-0.6728+0.1401i	1.1438-1.1707i	4.9758-2.9282i	-1.7823+0.8441i	1.0781-1.0656i	-2.6358+0.2342i
49.7	-0.2928-0.1823i	71.2569+0.8457i	-0.6621+0.1689i	1.0738-1.2867i	4.7950-3.4273i	-1.8039+0.9223i	1.0147-1.1779i	-2.8007+0.6774i

49.8	-0.3401-0.2474i	71.6650+0.7886i	-0.6119+0.1374i	0.9465-1.3452i	4.3017-3.5638i	-1.7379+1.0069i	0.8916-1.2449i	-2.2327+1.1496i
49.9	-0.3594-0.2437i	71.5942+0.3016i	-0.6309+0.1001i	0.8394-1.2657i	3.9043-3.2899i	-1.6521+1.0120i	0.7774-1.1679i	-1.5879+0.7946i
50.0	-0.4083-0.2744i	72.1191+0.4444i	-0.6064+0.0977i	1.1203-1.3619i	4.6914-3.0689i	-1.7084+0.9940i	1.0581-1.2536i	-2.1305+0.2599i
50.1	-0.5047-0.2342i	72.7778+0.4085i	-0.6770+0.0764i	0.9714-1.5929i	4.6044-3.4902i	-1.7253+1.0697i	0.9095-1.4727i	-2.0888+0.4815i
50.2	-0.4942-0.1430i	73.1349-0.5153i	-0.7132+0.0532i	0.7273-1.5781i	4.4628-3.7742i	-1.6604+1.0999i	0.6701-1.4561i	-2.0086+0.5585i
50.3	-0.4954-0.0879i	73.0415-0.0087i	-0.7275+0.0444i	0.6475-1.5150i	4.2927-3.9163i	-1.6212+1.1028i	0.5950-1.3927i	-1.8296+0.6448i
50.4	-0.4486-0.0350i	73.3483-0.0053i	-0.7860+0.0880i	0.5432-1.4500i	3.9222-3.8789i	-1.5857+1.0996i	0.4904-1.3219i	-1.6771+0.4129i
50.5	-0.3937-0.0747i	74.2709-0.5461i	-0.7578+0.1990i	0.5852-1.4035i	3.9989-3.7553i	-1.6245+1.1417i	0.5366-1.2724i	-2.0490+0.3074i
50.6	-0.4091-0.0914i	74.6007-1.2361i	-0.7351+0.2383i	0.5658-1.5065i	3.8355-3.9097i	-1.6234+1.2486i	0.5231-1.3750i	-1.9226+0.7388i
50.7	-0.4539-0.0768i	74.3995-1.1102i	-0.7628+0.2518i	0.3576-1.4621i	3.6144-3.4329i	-1.5412+1.2401i	0.3146-1.3339i	-1.3766+0.3530i
50.8	-0.4788-0.0018i	74.9407-0.9469i	-0.7445+0.2930i	0.2933-1.2714i	4.0165-3.1111i	-1.5098+1.1873i	0.2440-1.1480i	-1.5959-0.0253i
50.9	-0.4213-0.0214i	75.2786-1.4219i	-0.6860+0.3171i	0.3512-1.0699i	4.3056-3.2979i	-1.5070+1.1465i	0.3021-0.9487i	-1.5565+0.0093i
51.0	-0.4123-0.0597i	75.4716-1.5908i	-0.6565+0.3548i	0.5644-0.8916i	4.8703-3.1058i	-1.5980+1.0819i	0.5090-0.7636i	-1.8583-0.6644i
51.1	-0.4477-0.0260i	76.5219-1.4567i	-0.5597+0.3514i	0.8522-1.0305i	5.9236-3.7367i	-1.7313+1.1276i	0.7968-0.8905i	-2.8169-0.3922i
51.2	-0.4838+0.0401i	77.1163-2.5293i	-0.5271+0.2554i	0.8224-1.2711i	5.5960-5.0949i	-1.7421+1.2737i	0.7694-1.1177i	-2.7438+0.5155i
51.3	-0.4628+0.0809i	77.4225-2.4493i	-0.6256+0.2976i	0.6838-1.1943i	4.7173-5.0952i	-1.6976+1.3170i	0.6250-1.0363i	-2.1462+0.1891i
51.4	-0.4129+0.1243i	78.3079-2.5317i	-0.6242+0.3771i	0.7032-1.0559i	4.5137-4.6635i	-1.6830+1.3195i	0.6467-0.8972i	-2.0642-0.1695i
51.5	-0.3857+0.1174i	78.3670-3.1895i	-0.5542+0.4870i	0.9836-0.9758i	5.2305-4.3287i	-1.7388+1.3020i	0.9266-0.8119i	-2.6570-0.7488i
51.6	-0.4218+0.1204i	78.7943-3.4830i	-0.4012+0.4630i	1.3242-1.2680i	6.2384-5.1259i	-1.8768+1.4059i	1.2753-1.0886i	-3.7626-0.1386i
51.7	-0.4531+0.1543i	79.2951-3.6244i	-0.3542+0.3150i	1.2375-1.7210i	5.7750-6.5327i	-1.8739+1.6057i	1.1953-1.5416i	-3.3681+1.1678i
51.8	-0.4463+0.1655i	79.4331-4.5303i	-0.4204+0.2945i	0.9703-1.7431i	5.1763-6.5801i	-1.7774+1.6482i	0.9237-1.5655i	-2.6767+1.0213i
51.9	-0.3876+0.1960i	78.8724-4.8057i	-0.4552+0.3452i	0.8556-1.6026i	5.2292-6.5820i	-1.7573+1.6184i	0.8080-1.4108i	-2.6624+0.5474i
52.0	-0.3400+0.2407i	79.6712-4.6841i	-0.4302+0.3916i	0.8501-1.5081i	4.9848-6.6447i	-1.7738+1.6448i	0.8131-1.3123i	-2.9957+0.3318i
52.1	-0.3217+0.2780i	80.7307-5.4715i	-0.3413+0.4110i	0.9620-1.6049i	5.0017-7.3266i	-1.7969+1.7893i	0.9323-1.4087i	-3.1678+0.9037i
52.2	-0.2317+0.2606i	81.0020-6.7100i	-0.3059+0.3877i	0.9437-1.6690i	4.5042-7.8172i	-1.7483+1.8645i	0.9115-1.4626i	-2.7737+1.0618i
52.3	-0.2479+0.2306i	80.6724-6.7305i	-0.3058+0.3563i	0.8353-1.6880i	3.6137-7.8135i	-1.6952+1.8896i	0.8084-1.4719i	-2.1967+0.8232i
52.4	-0.2810+0.2599i	81.3881-6.6028i	-0.3396+0.4070i	0.7909-1.5645i	3.2952-7.2097i	-1.6843+1.8988i	0.7636-1.3466i	-2.2013+0.0505i
52.5	-0.1883+0.3388i	81.3646-7.4171i	-0.2878+0.4767i	0.8998-1.5624i	3.5882-7.3759i	-1.7025+2.0039i	0.8777-1.3363i	-2.9520+0.1228i
52.6	-0.0691+0.3665i	81.6525-8.3952i	-0.2194+0.4957i	0.8817-1.6053i	3.2429-7.7085i	-1.6324+2.0852i	0.8687-1.3799i	-2.6979+0.4835i
52.7	0.0584+0.2808i	81.4899-7.9266i	-0.2030+0.5823i	0.9139-1.3586i	2.7281-6.7595i	-1.6035+2.0467i	0.9025-1.1356i	-2.2793-0.5496i
52.8	0.1205+0.1786i	81.9837-7.5818i	-0.0153+0.6006i	1.3910-1.4407i	3.6884-6.5828i	-1.7622+2.1027i	1.3817-1.2029i	-3.4592-0.7661i
52.9	0.0749+0.1574i	82.6451-7.6444i	0.0883+0.4358i	1.5053-1.8755i	4.0139-7.5586i	-1.8092+2.2814i	1.5029-1.6251i	-3.9310+0.2858i
53.0	0.0597+0.1706i	82.9234-8.2094i	0.0698+0.3318i	1.2717-2.1745i	3.2204-8.1461i	-1.6617+2.4781i	1.2779-1.9263i	-3.3581+0.8559i
53.1	0.1084+0.1093i	83.8527-9.0655i	0.0807+0.3693i	1.0796-2.1011i	2.6296-7.7743i	-1.5232+2.5355i	1.0904-1.8601i	-2.7965+0.4064i
53.2	0.1443+0.0607i	82.9498-9.8925i	0.1653+0.3430i	1.1562-2.1755i	2.7932-7.7199i	-1.4611+2.5823i	1.1667-1.9192i	-2.9542+0.1383i
53.3	0.1169+0.0330i	83.1960-10.3734i	0.1855+0.2193i	1.1135-2.4490i	2.4465-8.1323i	-1.3881+2.7041i	1.1364-2.1849i	-2.9275+0.4011i
53.4	0.1393+0.0847i	84.0809-10.3607i	0.1768+0.2599i	0.8889-2.3415i	2.3677-7.2285i	-1.2150+2.7213i	0.9126-2.0814i	-2.7650-0.5577i
53.5	0.2442+0.1322i	84.3905-10.6539i	0.1854+0.2754i	0.7857-2.2080i	2.7501-7.1278i	-1.1437+2.6618i	0.8175-1.9320i	-3.2960-1.0666i
53.6	0.5139+0.0353i	83.8207-10.8951i	0.2549+0.3439i	0.8721-1.8161i	2.8441-7.0460i	-1.1261+2.5490i	0.9101-1.5331i	-3.9676-1.4760i
53.7	0.5273-0.2413i	84.1955-11.1809i	0.4416+0.3215i	1.4239-1.8473i	3.6695-6.7578i	-1.2505+2.5676i	1.4679-1.5622i	-5.2259-1.5567i
53.8	0.3823-0.3526i	84.6736-11.0160i	0.5442+0.2868i	1.5503-1.9885i	4.5418-6.5176i	-1.2113+2.5904i	1.5923-1.6978i	-6.0497-1.5506i
53.9	0.3329-0.4412i	84.6723-11.1446i	0.8262+0.0644i	2.1071-2.2972i	6.2918-8.1023i	-1.4045+2.6467i	2.1475-1.9912i	-7.6691-0.2197i
54.0	0.3107-0.4866i	85.6216-12.6922i	0.8520-0.3400i	2.1224-3.1998i	5.9386-10.8163i	-1.3954+3.0159i	2.1835-2.8772i	-7.5997+1.9803i
54.1	0.3993-0.4448i	85.6630-13.4913i	0.6585-0.5437i	1.6378-3.6605i	4.3617-12.1543i	-1.1788+3.2302i	1.7231-3.3317i	-6.4859+2.9678i
54.2	0.5800-0.8185i	84.1486-13.4653i	0.4888-0.4206i	1.1536-3.2331i	2.2387-10.8202i	-0.9284+3.0618i	1.2605-2.9064i	-5.3492+1.5694i
54.3	0.3496-1.1909i	85.2828-13.7219i	0.6683-0.4462i	1.5909-3.2277i	3.4923-10.3636i	-1.1002+3.0714i	1.7093-2.8982i	-7.1149+1.5348i
54.4	0.0383-1.2979i	86.9329-13.7967i	0.6985-0.7680i	1.6700-3.9723i	3.5907-12.1994i	-1.0922+3.4360i	1.7910-3.6440i	-7.1429+3.6594i
54.5	-0.2207-1.3182i	87.3656-15.2447i	0.5737-1.0227i	1.3661-4.5075i	2.6402-13.2940i	-0.8869+3.6836i	1.5020-4.1793i	-6.2820+4.6115i
54.6	-0.5147-1.3124i	86.2889-16.9282i	0.3206-1.1461i	0.7776-4.7762i	0.9423-13.7080i	-0.5340+3.8430i	0.9421-4.4324i	-5.0709+4.7649i
54.7	-0.6157-1.1347i	85.4727-16.7718i	-0.0123-0.9979i	0.0392-4.4659i	-0.5856-12.3868i	-0.1524+3.7004i	0.2258-4.1257i	-4.0050+3.3072i
54.8	-0.4808-1.1443i	85.5996-15.5118i	0.1294-0.7345i	0.3310-3.8425i	1.0358-10.8132i	-0.2333+3.3788i	0.5238-3.5238i	-5.8629+2.3132i
54.9	-0.7646-1.4775i	86.4406-16.6011i	0.3698-1.0423i	0.9268-4.4541i	2.7470-13.5344i	-0.4893+3.6398i	1.1214-4.1299i	-7.2011+5.0227i
55.0	-1.2851-1.3078i	85.3441-18.2177i	0.0933-1.3806i	0.3270-5.2661i	0.3274-15.5937i	-0.1917+4.0126i	0.5532-4.9352i	-5.3956+6.7779i
55.1	-1.4649-0.9681i	84.8472-18.0080i	-0.2111-1.3302i	-0.3730-5.2721i	-1.7935-15.0704i	0.1894+4.0236i	-0.1337-4.9566i	-3.9923+6.4452i
55.2	-1.4396-0.6774i	84.3770-17.9471i	-0.3469-1.2145i	-0.7417-5.0508i	-2.7953-14.3167i	0.4328+3.9163i	-0.4839-4.7496i	-3.5704+6.0395i
55.3	-1.4879-0.4142i	83.5453-16.8994i	-0.4638-1.0801i	-1.1394-4.6684i	-3.8892-13.2410i	0.7015+3.7231i	-0.8664-4.3791i	-2.8449+5.2703i
55.4	-1.2872-0.2050i	82.8454-16.5430i	-0.5486-0.8665i	-1.4517-4.1174i	-4.6131-11.7613i	0.9669+3.4493i	-1.1732-3.8527i	-2.3315+4.3316i
55.5	-1.0820-0.3878i	83.2160-15.5892i	-0.3230-0.7552i	-0.9253-3.8245i	-3.3929-10.9948i	0.8195+3.2289i	-0.6478-3.5644i	-3.5181+3.8576i
55.6	-1.4344-0.5571i	84.8459-15.6974i	-0.2222-1.0501i	-0.7648-4.6066i	-3.2732-12.6416i	0.7595+3.4748i	-0.4748-4.3424i	-3.9029+5.5122i
55.7	-1.6650-0.1870i	84.8851-15.6377i	-0.4516-1.1384i	-1.4130-4.7993i	-4.7403-12.8679i	1.0402+3.5400i	-1.1115-4.5469i	-2.6938+5.8999i
55.8	-1.5428+0.1063i	84.7734-14.1779i	-0.5826-1.0631i	-1.8156-4.5707i	-5.5740-12.0100i	1.2574+3.4090i	-1.5122-4.3364i	-1.9913+5.3967i
55.9	-1.3475+0.2696i	85.3162-13.2016i	-0.6277-0.9632i	-1.9991-4.2130i	-5.8779-11.0600i	1.3758+3.2088i	-1.6918-3.9925i	-1.8190+4.7379i
56.0	-1.1898+0.2494i	85.7728-13.1358i	-0.5230-0.8125i	-1.7119-3.6756i	-5.2171-9.7915i	1.3229+2.8988i	-1.4053-3.4661i	-2.4875+3.8507i

56.1	-1.3150-0.0544i	87.1289-13.0107i	-0.3018-0.9755i	-1.0101-4.1290i	-3.6531-10.6985i	1.0522+2.9617i	-0.7081-3.9138i	-4.0192+4.9444i
56.2	-1.4830+0.1626i	87.0625-13.8033i	-0.5306-1.1738i	-1.7311-4.6436i	-5.2889-11.7438i	1.3247+3.1322i	-1.4136-4.4489i	-2.6422+6.1761i
56.3	-1.3695+0.4504i	87.7408-13.6577i	-0.7297-1.1285i	-2.3277-4.4384i	-6.5300-11.0650i	1.5635+3.0207i	-2.0049-4.2652i	-1.4780+5.7985i
56.4	-1.1724+0.5531i	88.6918-12.6046i	-0.7913-1.1147i	-2.5153-4.2627i	-6.8555-10.5260i	1.6518+2.8934i	-2.1904-4.0951i	-1.2583+5.3914i
56.5	-1.0646+0.5872i	90.5624-12.2770i	-0.8349-1.0688i	-2.5903-4.1113i	-6.9447-10.0789i	1.6800+2.8019i	-2.2576-3.9506i	-1.2417+5.1303i
56.6	-0.9702+0.6625i	91.0514-12.4665i	-0.8804-0.9851i	-2.7335-3.8601i	-7.0790-9.4302i	1.7340+2.6379i	-2.4097-3.7142i	-1.0185+4.7051i
56.7	-0.9769+0.5829i	90.9987-12.5227i	-0.9037-0.9508i	-2.7094-3.6547i	-7.0136-8.8885i	1.7166+2.4914i	-2.3992-3.5110i	-0.9888+4.4261i
56.8	-0.8466+0.5914i	92.6051-12.7074i	-0.9197-0.9390i	-2.7589-3.5836i	-7.0094-8.5647i	1.7311+2.4395i	-2.4448-3.4403i	-1.0809+4.3739i
56.9	-0.7509+0.6142i	93.8265-12.5520i	-0.9835-0.8669i	-2.8751-3.3833i	-7.0413-8.0661i	1.7587+2.3313i	-2.5664-3.2527i	-0.9518+4.0953i
57.0	-0.6593+0.5682i	94.3876-11.3663i	-0.9831-0.7788i	-2.8287-3.1174i	-6.8215-7.3643i	1.7274+2.1767i	-2.5252-2.9937i	-1.0596+3.5771i
57.1	-0.5095+0.3112i	95.1738-11.3707i	-0.8948-0.6970i	-2.5628-2.7840i	-6.0029-6.5575i	1.6211+1.9839i	-2.2707-2.6707i	-1.5319+3.0728i
57.2	-0.7640+0.0013i	97.8930-12.7220i	-0.6521-0.8212i	-1.8190-3.1202i	-4.1159-7.5624i	1.3257+2.0708i	-1.5361-3.0022i	-2.9002+3.8001i
57.3	-1.0968+0.2605i	99.2506-13.6940i	-0.7421-1.0839i	-2.0518-3.9115i	-4.5996-9.3985i	1.3664+2.3527i	-1.7592-3.7825i	-2.6557+5.1494i
57.4	-1.0328+0.5313i	100.2195-13.8293i	-0.9272-1.0598i	-2.5852-3.8211i	-5.8254-9.2359i	1.5462+2.3409i	-2.2779-3.6876i	-1.8086+5.0566i
57.5	-0.9008+0.7031i	101.5218-14.6154i	-1.0736-1.0087i	-2.9646-3.6971i	-6.7723-8.8031i	1.6819+2.2711i	-2.6547-3.5753i	-1.2475+4.8908i
57.6	-0.8127+0.7000i	102.3397-14.2447i	-1.1143-0.9849i	-3.0389-3.6534i	-6.8702-8.5945i	1.6970+2.2510i	-2.7345-3.5374i	-1.1650+4.8236i
57.7	-0.7573+0.6604i	103.4244-14.7015i	-1.1753-0.9219i	-3.1398-3.5069i	-6.9936-8.2750i	1.7248+2.1795i	-2.8450-3.3936i	-1.0821+4.6662i
57.8	-0.7407+0.6988i	103.9169-15.6656i	-1.1988-0.8658i	-3.2002-3.3682i	-7.0941-7.9829i	1.7482+2.1068i	-2.9052-3.2576i	-0.9658+4.5403i
57.9	-0.7672+0.6352i	105.4243-16.1662i	-1.1963-0.8214i	-3.1672-3.2967i	-7.0550-7.7587i	1.7132+2.0771i	-2.8683-3.1849i	-1.0862+4.3830i
58.0	-0.7527+0.6483i	106.0994-16.4150i	-1.2323-0.7884i	-3.2627-3.2728i	-7.0495-7.5703i	1.7178+2.0603i	-2.9637-3.1630i	-1.0752+4.3331i
58.1	-0.5983+0.7176i	106.6768-16.7180i	-1.2636-0.7594i	-3.3868-3.2097i	-7.1507-7.5034i	1.7587+2.0137i	-3.0880-3.0982i	-0.9526+4.2849i
58.2	-0.7017+0.6643i	108.0501-16.8139i	-1.2360-0.7090i	-3.3491-3.0873i	-7.2384-7.3584i	1.7449+1.9758i	-3.0480-2.9740i	-0.9896+4.1007i
58.3	-0.7806+0.6004i	111.0189-17.7010i	-1.1920-0.6729i	-3.3155-3.0212i	-7.2229-7.1880i	1.7547+1.9888i	-3.0076-2.9047i	-1.0714+4.0947i
58.4	-0.6677+0.6899i	111.6258-19.1594i	-1.2063-0.6923i	-3.4160-2.9937i	-7.1515-7.0267i	1.7862+1.9698i	-3.1020-2.8781i	-1.2269+4.0347i
58.5	-0.6163+0.6163i	113.0294-19.2253i	-1.1945-0.6681i	-3.3610-2.9366i	-6.9616-6.9136i	1.7685+1.9436i	-3.0454-2.8186i	-1.5742+3.9708i
58.6	-0.6709+0.6302i	113.7426-20.6191i	-1.1612-0.7511i	-3.2877-3.1540i	-6.7022-7.3780i	1.7321+2.0213i	-2.9706-3.0422i	-1.8158+4.7009i
58.7	-0.6985+0.7811i	114.9666-21.4506i	-1.2440-0.8334i	-3.5625-3.3421i	-7.1391-7.7380i	1.8354+2.0772i	-3.2481-3.2328i	-1.3486+5.1331i
58.8	-0.7057+0.8252i	115.7937-22.4153i	-1.3242-0.8265i	-3.8004-3.2520i	-7.5869-7.5004i	1.9401+2.0249i	-3.4772-3.1444i	-0.9964+4.9864i
58.9	-0.5824+0.8697i	117.3658-23.0733i	-1.4083-0.7979i	-3.9952-3.1662i	-7.7621-7.3404i	2.0039+1.9889i	-3.6665-3.0657i	-0.9019+4.8877i
59.0	-0.5592+0.8611i	117.7919-24.3604i	-1.4145-0.7985i	-4.0213-3.1127i	-7.8921-7.2645i	2.0606+1.9708i	-3.6890-3.0162i	-0.8335+4.8696i
59.1	-0.5783+0.8183i	119.4307-25.4497i	-1.4628-0.7598i	-4.1749-2.9450i	-8.0059-7.1013i	2.1112+1.8930i	-3.8418-2.8481i	-0.7116+4.8005i
59.2	-0.5944+0.8574i	120.2381-25.6114i	-1.4850-0.7654i	-4.2425-2.9430i	-8.0316-7.0049i	2.1412+1.8718i	-3.9168-2.8472i	-0.6689+4.8310i
59.3	-0.5677+0.8720i	121.1187-26.0543i	-1.5006-0.7731i	-4.2658-2.9368i	-8.0798-6.9759i	2.1688+1.8616i	-3.9374-2.8443i	-0.6210+4.8888i
59.4	-0.5214+0.9169i	123.4581-28.8210i	-1.5374-0.7527i	-4.4419-2.8745i	-8.2574-6.8844i	2.2409+1.8201i	-4.1028-2.7910i	-0.5325+4.9935i
59.5	-0.5733+0.8677i	123.5442-29.9668i	-1.5896-0.7143i	-4.5289-2.7615i	-8.3842-6.7788i	2.2764+1.7773i	-4.1867-2.6783i	-0.4631+4.9996i
59.6	-0.5120+0.8439i	125.4008-30.2624i	-1.6346-0.6936i	-4.6165-2.7141i	-8.5287-6.6795i	2.3169+1.7355i	-4.2668-2.6356i	-0.4797+4.9560i
59.7	-0.4849+0.8721i	126.8380-32.0457i	-1.6640-0.6769i	-4.7026-2.7115i	-8.6582-6.6169i	2.3549+1.7117i	-4.3505-2.6348i	-0.3750+5.0082i
59.8	-0.4284+0.9526i	128.1849-32.2410i	-1.7298-0.6861i	-4.8833-2.7161i	-8.8204-6.6057i	2.4217+1.6890i	-4.5260-2.6417i	-0.2509+4.9991i
59.9	-0.4478+1.0336i	129.3238-34.0684i	-1.7330-0.6566i	-4.9099-2.6099i	-8.8574-6.5228i	2.4535+1.6557i	-4.5427-2.5600i	-0.2037+4.9679i
60.0	-0.5236+1.0837i	131.6002-35.5391i	-1.7692-0.5966i	-5.0605-2.4756i	-8.9841-6.4408i	2.5219+1.5934i	-4.6787-2.4567i	-0.0407+4.9056i
60.1	-0.5324+1.0562i	132.3724-36.4506i	-1.8110-0.6081i	-5.1571-2.4676i	-9.1028-6.3113i	2.5471+1.5550i	-4.7859-2.4046i	0.0365+4.9433i
60.2	-0.5540+1.1297i	133.1675-36.8699i	-1.8401-0.5640i	-5.1598-2.3260i	-9.2222-6.1859i	2.5560+1.4836i	-4.7989-2.2600i	0.0714+4.8957i
60.3	-0.5055+1.1825i	134.3596-39.6111i	-1.8445-0.5121i	-5.2565-2.2115i	-9.3109-5.9876i	2.5881+1.3943i	-4.8884-2.1481i	0.1482+4.8293i
60.4	-0.5258+1.2405i	136.4090-40.5842i	-1.8691-0.4892i	-5.3279-2.1987i	-9.4325-5.9584i	2.6097+1.3740i	-4.9513-2.1340i	0.1363+4.8535i
60.5	-0.5821+1.4343i	138.5652-41.1713i	-1.8858-0.4888i	-5.3979-2.1782i	-9.4722-6.0427i	2.6212+1.3735i	-5.0151-2.1169i	0.0680+4.9235i
60.6	-0.5322+1.6366i	138.6699-43.3883i	-1.9042-0.4905i	-5.4378-2.1718i	-9.5178-5.9744i	2.6300+1.3420i	-5.0515-2.1103i	0.1284+4.9134i
60.7	-0.3203+1.9209i	138.5610-46.8227i	-1.9095-0.5180i	-5.5413-2.2088i	-9.6051-5.8335i	2.6590+1.2947i	-5.1495-2.1502i	0.2194+4.9987i
60.8	-0.1089+2.1275i	139.5981-48.3855i	-1.9396-0.5241i	-5.6849-2.2391i	-9.7305-5.7529i	2.6945+1.2896i	-5.2872-2.1809i	0.2727+5.0635i
60.9	0.3616+2.1492i	140.6466-51.2203i	-2.0181-0.5144i	-5.9434-2.1115i	-10.0407-5.6690i	2.7813+1.2254i	-5.5393-2.0542i	0.5479+4.9957i
61.0	0.7648+2.0461i	142.7820-52.0204i	-2.0755-0.4997i	-6.1803-2.0029i	-10.2485-5.6589i	2.8495+1.2103i	-5.7675-1.9457i	0.6039+4.9874i
61.1	0.9821+1.8888i	143.3712-53.2858i	-2.1249-0.4461i	-6.3182-1.7872i	-10.4233-5.5483i	2.9097+1.1468i	-5.9041-1.7399i	0.7354+4.9699i
61.2	1.1975+1.6509i	144.9222-55.5679i	-2.1977-0.3951i	-6.5814-1.6090i	-10.6514-5.3893i	3.0266+1.0631i	-6.1610-1.5629i	0.9316+4.9323i
61.3	1.3433+1.4732i	147.3594-56.2311i	-2.2589-0.3819i	-6.7830-1.5842i	-10.7284-5.3703i	3.0776+1.0383i	-6.3562-1.5405i	0.9618+4.8962i
61.4	1.3972+1.2684i	149.2593-59.3358i	-2.2957-0.3263i	-6.9117-1.4130i	-10.9070-5.1062i	3.1175+0.9637i	-6.4709-1.3813i	0.9881+4.8691i
61.5	1.4353+1.0232i	149.2552-62.3996i	-2.3168-0.2804i	-6.9806-1.1265i	-10.9933-4.8455i	3.1398+0.8265i	-6.5437-1.1056i	1.0695+4.7458i
61.6	1.4233+0.8813i	150.3336-64.4836i	-2.3777-0.2349i	-7.0961-0.8791i	-11.1186-4.7808i	3.1685+0.7213i	-6.6558-0.8572i	1.1464+4.6268i
61.7	1.4244+0.7007i	151.1460-66.3485i	-2.4387-0.1853i	-7.2504-0.6921i	-11.2202-4.6350i	3.2025+0.6335i	-6.8038-0.6720i	1.2139+4.5366i
61.8	1.4908+0.5638i	153.6947-71.1337i	-2.4794-0.1095i	-7.4374-0.3937i	-11.4676-4.3433i	3.2813+0.4811i	-6.9748-0.3835i	1.2514+4.4997i
61.9	1.5457+0.4460i	156.6866-73.8609i	-2.5318-0.0539i	-7.5756-0.2279i	-11.7008-4.2843i	3.3310+0.4210i	-7.1045-0.2244i	1.3251+4.4981i
62.0	1.4971+0.3400i	158.5842-75.0708i	-2.5759-0.0030i	-7.7467-0.0123i	-11.8083-4.2346i	3.3751+0.3503i	-7.2752-0.0156i	1.4273+4.4904i
62.1	1.5005+0.1717i	160.4341-78.2036i	-2.6337+0.0566i	-7.8090+0.2068i	-12.0038-4.0539i	3.3921+0.2474i	-7.3242+0.1896i	1.3527+4.4292i
62.2	1.4259+0.0467i	159.6680-81.5328i	-2.6178+0.1313i	-7.7191+0.4835i	-12.1006-3.8339i	3.3150+0.1459i	-7.2286+0.4580i	1.3342+4.3553i
62.3	1.3780-0.0473i	159.1096-85.4104i	-2.6513+0.2178i	-7.8659+0.7760i	-12.2010-3.5924i	3.3148+0.0124i	-7.3694+0.7436i	1.3567+4.2795i

62.4	1.3173-0.1175i	159.8005-89.1428i	-2.6602+0.2852i	-7.9038+1.0077i	-12.1747-3.3517i	3.3027-0.0995i	-7.4022+0.9683i	1.3652+4.2141i
62.5	1.2537-0.2275i	159.9190-93.3615i	-2.6793+0.3602i	-7.9337+1.2902i	-12.3278-3.1891i	3.2950-0.1969i	-7.4240+1.2425i	1.4270+4.1925i
62.6	1.1559-0.3620i	161.9263-95.8444i	-2.7216+0.4277i	-7.9672+1.5553i	-12.5252-3.1300i	3.2768-0.2848i	-7.4525+1.4969i	1.4523+4.1581i
62.7	1.0993-0.4600i	160.3968-100.9350i	-2.7203+0.4785i	-7.8863+1.7958i	-12.5453-2.8193i	3.2266-0.4060i	-7.3693+1.7195i	1.4123+4.1019i
62.8	1.0279-0.4808i	162.1288-104.2863i	-2.7385+0.5247i	-7.8868+2.0586i	-12.6907-2.7519i	3.1971-0.4755i	-7.3572+1.9832i	1.3544+4.1099i
62.9	0.9780-0.4873i	160.8442-105.4401i	-2.7454+0.5682i	-7.8536+2.2444i	-12.6650-2.6840i	3.1399-0.5400i	-7.3265+2.1614i	1.3972+4.0878i
63.0	0.9088-0.6598i	156.8181-112.5405i	-2.7742+0.6501i	-7.8956+2.6601i	-12.7216-2.2516i	3.1141-0.7235i	-7.3634+2.5483i	1.4378+4.0551i
63.1	0.8774-0.7007i	158.1159-116.2184i	-2.8346+0.7396i	-8.0272+3.0060i	-12.9958-2.1629i	3.1260-0.8349i	-7.4850+2.8889i	1.5281+4.0687i
63.2	0.8595-0.6740i	160.6391-120.5577i	-2.8427+0.8217i	-7.9365+3.1994i	-13.2995-1.9386i	3.0512-0.8856i	-7.3867+3.0617i	1.5203+4.0783i
63.3	0.7605-0.7725i	158.1879-126.7263i	-2.8296+0.9233i	-7.7787+3.6858i	-13.4644-1.6029i	2.9708-1.0238i	-7.2263+3.5310i	1.5739+4.0990i
63.4	0.6959-0.7921i	158.9913-129.9655i	-2.8604+0.9863i	-7.7337+3.9423i	-13.6471-1.5042i	2.9356-1.0830i	-7.1805+3.7766i	1.6328+4.1057i
63.5	0.6155-0.7976i	159.4131-132.6235i	-2.8844+1.0381i	-7.7053+4.0728i	-13.7749-1.3347i	2.8939-1.1162i	-7.1488+3.8953i	1.6200+4.1207i
63.6	0.5627-0.8443i	157.8083-137.4705i	-2.8536+1.1122i	-7.5327+4.3430i	-13.9105-0.9722i	2.8036-1.1897i	-6.9822+4.1513i	1.7729+4.0739i
63.7	0.4701-0.8704i	155.2262-138.7085i	-2.8076+1.2066i	-7.2300+4.7684i	-13.9484-0.8575i	2.6382-1.2588i	-6.6881+4.5698i	1.7872+3.9551i
63.8	0.3612-0.8593i	153.0587-141.9086i	-2.7863+1.2816i	-6.9356+5.0145i	-13.9806-0.6816i	2.4841-1.2835i	-6.3943+4.8054i	1.7532+3.8885i
63.9	0.3288-0.8448i	150.0674-148.6381i	-2.8191+1.3900i	-6.8772+5.2389i	-14.1374-0.1983i	2.4340-1.3276i	-6.3403+5.0078i	1.8591+3.8825i
64.0	0.3362-0.7571i	151.0388-150.8028i	-2.8384+1.4257i	-6.8622+5.2600i	-14.3374+0.0058i	2.4267-1.2858i	-6.3141+5.0218i	1.8930+3.9170i
64.1	0.3075-0.7406i	151.0193-158.4790i	-2.8143+1.5524i	-6.7053+5.4827i	-14.6291+0.4937i	2.3919-1.2872i	-6.1581+5.2260i	1.9923+3.8752i
64.2	0.3761-0.8647i	147.5672-165.4087i	-2.8564+1.6527i	-6.6378+5.7258i	-14.8265+0.9762i	2.3814-1.3120i	-6.0826+5.4537i	1.9898+3.7559i
64.3	0.3311-0.9111i	143.7584-167.6446i	-2.8700+1.7199i	-6.5789+5.8347i	-14.7927+1.3209i	2.3380-1.3001i	-6.0279+5.5469i	1.9449+3.7224i
64.4	0.2681-0.9190i	142.3351-167.6303i	-2.8941+1.8041i	-6.5958+5.9158i	-14.7299+1.4314i	2.3136-1.2684i	-6.0510+5.6198i	1.9070+3.8038i
64.5	0.2321-0.9837i	142.1126-169.9706i	-2.9002+1.9363i	-6.5992+6.2553i	-14.9215+1.5274i	2.3503-1.2603i	-6.0512+5.9647i	1.9883+3.7755i
64.6	0.2324-0.9827i	139.4541-173.0939i	-2.8657+2.0066i	-6.5264+6.4754i	-14.8555+1.9726i	2.3426-1.3045i	-5.9735+6.1676i	1.8184+3.6135i
64.7	0.1445-0.9684i	133.7007-175.6870i	-2.8344+2.1476i	-6.5244+6.7566i	-14.6389+2.4439i	2.3141-1.3627i	-5.9838+6.4346i	1.8778+3.5106i
64.8	0.1099-1.0434i	134.0404-182.7526i	-2.8941+2.3686i	-6.6284+7.3114i	-14.9940+2.8781i	2.4214-1.4706i	-6.0830+6.9696i	1.9628+3.4424i
64.9	0.0836-1.1245i	129.8385-187.4843i	-2.8059+2.5156i	-6.4370+7.7387i	-14.8396+3.3539i	2.3887-1.5413i	-5.8953+7.3777i	1.9305+3.4415i
65.0	-0.0254-1.1493i	123.8563-192.3302i	-2.6412+2.6916i	-6.0309+8.2596i	-14.6731+3.9105i	2.3101-1.6717i	-5.4991+7.8797i	1.8819+3.3532i
65.1	-0.0269-1.2146i	121.8501-195.0644i	-2.5814+2.8626i	-5.8754+8.8185i	-14.6826+4.1941i	2.3076-1.7836i	-5.3429+8.4266i	1.7233+3.3261i
65.2	-0.0337-1.2504i	120.5810-197.8506i	-2.5417+3.0029i	-5.7150+9.2824i	-14.6999+4.4543i	2.2773-1.8779i	-5.1833+8.8816i	1.6661+3.2737i
65.3	-0.1407-1.2743i	114.8173-201.2591i	-2.2983+3.1837i	-5.1694+9.8070i	-14.3900+5.0044i	2.1668-1.9844i	-4.6474+9.3885i	1.5518+3.2734i
65.4	-0.2221-1.2625i	110.4541-206.3622i	-2.1124+3.2698i	-4.5351+10.0574i	-14.3671+5.5190i	2.1198-2.0725i	-4.0089+9.6125i	1.4605+3.2641i
65.5	-0.3416-1.3023i	107.0418-208.9943i	-1.9340+3.3662i	-3.9875+10.7349i	-14.3449+5.7188i	2.0438-2.1587i	-3.4732+10.2660i	1.5069+3.5330i
65.6	-0.4016-1.2358i	104.4680-213.0450i	-1.8114+3.4372i	-3.6169+11.0742i	-14.2752+6.0704i	2.0097-2.2407i	-3.1072+10.5845i	1.4644+3.7307i
65.7	-0.3789-1.2670i	101.9141-214.8365i	-1.6691+3.4850i	-2.9576+11.3942i	-14.2413+6.2917i	1.9187-2.3195i	-2.4491+10.8983i	1.4840+3.8053i
65.8	-0.4124-1.2928i	97.4612-218.5277i	-1.5137+3.5570i	-2.2070+11.7337i	-14.1049+6.7221i	1.7765-2.4191i	-1.7011+11.2183i	1.4364+3.9573i
65.9	-0.4850-1.4344i	92.5978-221.5156i	-1.2955+3.5795i	-1.2027+12.0304i	-13.9887+7.0107i	1.6344-2.4742i	-0.7203+11.4945i	1.5967+4.1068i
66.0	-0.6067-1.5655i	86.1158-220.2296i	-1.0242+3.5048i	-0.0994+11.9289i	-13.6859+7.2810i	1.4244-2.4751i	0.3639+11.3876i	1.7575+4.1597i
66.1	-0.6976-1.5994i	82.6808-220.9389i	-0.8516+3.4917i	0.6818+12.0372i	-13.5226+7.5545i	1.2580-2.5323i	1.1410+11.4852i	1.7110+4.1356i
66.2	-0.8732-1.6803i	74.7311-223.9093i	-0.6030+3.4468i	1.8271+11.7311i	-13.0318+8.1747i	1.0037-2.5251i	2.2621+11.1510i	1.7034+4.2632i
66.3	-1.0495-1.7224i	65.8121-227.8306i	-0.3856+3.3315i	2.9398+11.1158i	-12.6644+8.7485i	0.8035-2.4601i	3.3456+10.5213i	1.9645+4.2148i
66.4	-1.1877-1.7085i	61.6151-228.9527i	-0.2901+3.2027i	3.6106+10.6146i	-12.4030+9.0273i	0.6904-2.3827i	3.9972+10.0139i	2.0088+4.1928i
66.5	-1.3757-1.6262i	60.0888-229.6418i	-0.2551+3.0313i	4.0801+9.9141i	-12.2670+9.2350i	0.6529-2.2632i	4.4660+9.3096i	2.0490+4.2554i
66.6	-1.6515-1.7174i	53.6616-232.3603i	-0.1017+2.9119i	4.9269+9.1466i	-12.0831+9.5592i	0.5164-2.1858i	5.2985+8.5285i	2.1495+4.2988i
66.7	-1.8143-1.7569i	48.7303-233.3715i	-0.0050+2.8459i	5.5069+8.7816i	-11.8318+9.7643i	0.4039-2.1753i	5.8629+8.1455i	2.2145+4.3849i
66.8	-2.0281-1.7217i	44.0058-234.7479i	0.0454+2.7278i	5.8482+8.1415i	-11.4668+10.0249i	0.3421-2.1033i	6.1871+7.4924i	2.3145+4.4470i
66.9	-2.2457-1.5924i	38.3588-234.7670i	0.0936+2.5944i	6.1044+7.2948i	-11.0961+10.2639i	0.2628-2.0041i	6.4335+6.6384i	2.2733+4.4243i
67.0	-2.5702-1.4103i	33.1578-234.2215i	0.1241+2.4786i	6.4672+6.5771i	-10.9419+10.4827i	0.1995-1.9508i	6.7833+5.9185i	2.4514+4.3861i
67.1	-2.8382-1.2451i	24.8825-237.6615i	0.1750+2.3747i	6.7557+5.8403i	-10.5119+11.0207i	0.0848-1.8690i	7.0443+5.1436i	2.6320+4.6958i
67.2	-3.0447-0.9259i	18.9582-237.8392i	0.1557+2.2226i	6.8699+4.9765i	-10.0803+11.1935i	0.0515-1.7593i	7.1310+4.2728i	2.8778+4.7088i
67.3	-3.1257-0.7111i	15.8197-235.5432i	0.0917+2.1372i	6.7943+4.4764i	-9.8604+11.1319i	0.0800-1.6525i	7.0399+3.7806i	3.0986+4.7077i
67.4	-3.2237-0.4847i	10.6084-234.9083i	0.0575+2.0737i	6.8149+3.9163i	-9.5052+11.3161i	0.0223-1.5657i	7.0394+3.2185i	3.2015+4.6887i
67.5	-3.3288-0.1784i	4.1358-234.5616i	0.0326+1.9995i	6.6381+3.2398i	-9.0012+11.5017i	0.0114-1.4367i	6.8273+2.5318i	3.4263+4.7791i
67.6	-3.4328+0.1008i	-0.3071-235.3873i	0.0106+1.9706i	6.4234+2.7034i	-8.7104+11.7077i	0.0222-1.3375i	6.6057+1.9908i	3.4776+4.7884i
67.7	-3.3549+0.4886i	-7.1398-231.6632i	-0.0261+1.9062i	6.2494+2.0076i	-8.2859+11.7302i	0.0377-1.2673i	6.4004+1.3035i	3.8095+4.5285i
67.8	-3.2794+0.7276i	-11.0005-228.0176i	-0.1279+1.8913i	5.8902+1.5900i	-8.0927+11.6103i	0.0968-1.2260i	6.0200+0.8903i	4.0343+4.5153i
67.9	-3.1702+0.8845i	-15.0373-226.6182i	-0.1498+1.8561i	5.7191+1.2544i	-7.8392+11.6304i	0.0954-1.1904i	5.8297+0.5598i	4.2135+4.3783i
68.0	-3.0542+1.2358i	-20.3879-223.7810i	-0.2124+1.8599i	5.2969+0.7832i	-7.5016+11.6762i	0.1552-1.1244i	5.3865+0.0978i	4.4383+4.2531i
68.1	-2.8756+1.5168i	-25.9366-224.0933i	-0.2460+1.9220i	4.9205+0.4226i	-7.2613+11.9935i	0.1790-1.1219i	4.9892-0.2748i	4.6589+4.0976i
68.2	-2.7925+1.6089i	-30.0696-224.9538i	-0.2659+1.9764i	4.7693+0.2085i	-7.1123+12.2127i	0.1674-1.1150i	4.8286-0.4928i	4.7531+3.9330i
68.3	-2.6917+1.6805i	-32.5965-220.1902i	-0.2891+1.9493i	4.5497+0.0456i	-6.9411+12.0840i	0.1888-1.0536i	4.5941-0.6353i	4.8954+3.7645i
68.4	-2.5418+1.9478i	-41.3764-218.0261i	-0.2909+1.9557i	4.1766-0.4647i	-6.4331+12.3982i	0.2072-1.0325i	4.1832-1.1429i	5.1144+3.4214i
68.5	-2.4229+2.0627i	-44.9430-215.6729i	-0.2790+1.9739i	3.9622-0.5982i	-6.1289+12.4592i	0.1993-1.0182i	3.9547-1.2672i	5.1595+3.2563i
68.6	-2.1866+2.1258i	-49.4649-212.6771i	-0.2715+2.0386i	3.5981-0.6431i	-5.7436+12.5861i	0.2020-1.0382i	3.5771-1.2972i	5.1563+2.9094i

68.7	-1.8945+2.2434i	-54.7310-210.4204i	-0.2548+2.0472i	3.3148-0.9115i	-5.3021+12.7987i	0.2048-0.9792i	3.2774-1.5628i	5.2539+2.6015i
68.8	-1.7322+2.2680i	-59.4863-206.0778i	-0.2218+2.0469i	3.0061-1.1540i	-4.8631+12.7986i	0.2181-0.9351i	2.9533-1.7870i	5.2350+2.3169i
68.9	-1.5729+2.2766i	-63.2725-203.4673i	-0.2183+2.0991i	2.6030-1.2853i	-4.5532+12.9451i	0.2717-0.9283i	2.5404-1.9209i	5.1450+2.1500i
69.0	-1.4879+2.3002i	-66.6446-200.5056i	-0.1985+2.1145i	2.3575-1.2720i	-4.2622+12.9160i	0.2918-0.9227i	2.2801-1.8947i	5.1602+1.9387i
69.1	-1.3303+2.3577i	-71.5871-197.1655i	-0.1631+2.1699i	1.9875-1.2418i	-3.7210+13.0007i	0.3039-0.9604i	1.8953-1.8499i	5.1006+1.6508i
69.2	-1.2457+2.3318i	-71.6166-193.7152i	-0.1630+2.2083i	1.7986-1.3259i	-3.4865+13.0228i	0.3385-0.9492i	1.7078-1.9294i	4.9162+1.4512i
69.3	-1.1637+2.3323i	-75.5668-188.3632i	-0.1239+2.2071i	1.5533-1.4324i	-3.0312+12.9219i	0.3816-0.9246i	1.4505-2.0254i	4.8441+1.3200i
69.4	-1.0389+2.2793i	-77.8361-184.7953i	-0.1022+2.2296i	1.2519-1.4022i	-2.6301+12.8149i	0.3971-0.9405i	1.1482-1.9904i	4.5543+1.2729i
69.5	-0.8704+2.2376i	-80.3425-178.7509i	-0.0530+2.1833i	0.9423-1.3381i	-2.1097+12.5273i	0.3941-0.9552i	0.8241-1.9062i	4.3176+1.1160i
69.6	-0.7215+2.2394i	-84.6169-174.2311i	0.0343+2.1981i	0.5865-1.4151i	-1.4784+12.4140i	0.3997-0.9416i	0.4486-1.9746i	4.2778+0.9815i
69.7	-0.7028+2.2205i	-85.1966-171.7449i	0.0615+2.2171i	0.4267-1.3162i	-1.2754+12.3026i	0.4062-0.9531i	0.2919-1.8710i	4.2632+1.0614i
69.8	-0.6746+2.1458i	-86.7356-165.9307i	0.1065+2.1622i	0.2028-1.1975i	-0.9754+11.9675i	0.4154-0.9288i	0.0608-1.7474i	4.1383+1.1555i
69.9	-0.6188+2.1218i	-89.4874-161.2499i	0.1022+2.1613i	-0.0598-1.0896i	-0.6862+11.7297i	0.3957-0.9453i	-0.2140-1.6190i	3.9619+1.0417i
70.0	-0.5703+2.1454i	-92.6120-160.5180i	0.1413+2.1648i	-0.2047-1.0725i	-0.4092+11.6700i	0.4102-0.9723i	-0.3665-1.5942i	3.9428+1.0269i
70.1	-0.5234+2.1327i	-93.3251-157.1291i	0.1556+2.1729i	-0.4030-0.9230i	-0.2252+11.4948i	0.4262-1.0083i	-0.5630-1.4413i	3.8583+1.0502i
70.2	-0.4627+2.1435i	-95.2084-153.6789i	0.1803+2.1569i	-0.6531-0.8778i	0.1166+11.3801i	0.4156-1.0272i	-0.8217-1.3904i	3.7469+0.9489i
70.3	-0.3880+2.1350i	-96.0215-149.2178i	0.1764+2.1234i	-0.8694-0.7776i	0.3428+11.0898i	0.4284-1.0076i	-1.0412-1.2816i	3.6014+0.9887i
70.4	-0.3068+2.0894i	-94.8954-143.4583i	0.1857+2.1032i	-1.0565-0.6374i	0.5149+10.8050i	0.4222-1.0098i	-1.2292-1.1287i	3.4535+0.9995i
70.5	-0.2560+2.0223i	-97.0160-139.3746i	0.1903+2.0689i	-1.2584-0.5258i	0.7434+10.5238i	0.4235-1.0611i	-1.4367-1.0046i	3.3564+0.9031i
70.6	-0.1993+2.0158i	-97.4609-136.3493i	0.2001+2.0696i	-1.3711-0.3287i	0.8517+10.2629i	0.4103-1.0775i	-1.5437-0.7974i	3.2899+0.9342i
70.7	-0.1552+1.9927i	-97.8637-132.4401i	0.2340+2.0594i	-1.4061-0.1856i	1.0532+9.9692i	0.4012-1.0560i	-1.5921-0.6480i	3.3453+1.0076i
70.8	-0.1157+1.9780i	-98.9719-127.3021i	0.2665+2.0534i	-1.4437-0.0926i	1.3381+9.6632i	0.4106-1.0174i	-1.6410-0.5438i	3.3780+1.0353i
70.9	-0.0681+1.9960i	-99.7457-124.9280i	0.2893+2.0662i	-1.5836+0.0540i	1.4541+9.5373i	0.4102-1.0560i	-1.7868-0.3922i	3.3753+0.9538i
71.0	-0.0232+1.9703i	-99.9409-122.1753i	0.2983+2.0373i	-1.8212+0.0764i	1.6273+9.4335i	0.4404-1.0637i	-2.0283-0.3636i	3.3435+0.9017i
71.1	0.0339+1.9415i	-99.0266-119.5469i	0.2659+2.0676i	-1.9791+0.2940i	1.6461+9.2018i	0.4822-1.0817i	-2.1741-0.1430i	3.2808+0.9944i
71.2	0.0276+1.9552i	-97.2030-117.1926i	0.2061+2.0874i	-2.1219+0.4841i	1.5397+8.9523i	0.5281-1.1082i	-2.3121+0.0559i	3.2919+1.0196i
71.3	0.0502+1.9499i	-98.2158-114.7665i	0.2418+2.1151i	-2.1775+0.6784i	1.6203+8.8320i	0.5068-1.1501i	-2.3750+0.2553i	3.3318+1.0178i
71.4	0.1109+1.9206i	-95.8011-111.0206i	0.2869+2.1107i	-2.1472+0.9369i	1.6634+8.5657i	0.5198-1.1481i	-2.3487+0.5205i	3.4484+1.1415i
71.5	0.1396+1.8862i	-96.3775-107.3808i	0.3016+2.1414i	-2.2875+1.0999i	1.8042+8.3762i	0.4995-1.1825i	-2.4945+0.6907i	3.3002+1.1131i
71.6	0.1786+1.8801i	-96.4639-104.5056i	0.3296+2.1459i	-2.2635+1.3312i	1.8600+8.2225i	0.4258-1.2071i	-2.4698+0.9310i	3.1754+1.1296i
71.7	0.2212+1.9502i	-96.1183-103.2839i	0.3267+2.2138i	-2.3793+1.5950i	1.8798+8.2028i	0.4586-1.2993i	-2.5849+1.1939i	3.2876+1.0690i
71.8	0.3029+1.9489i	-95.7976-99.0921i	0.3913+2.2332i	-2.3154+1.8343i	2.0389+7.9168i	0.4092-1.3307i	-2.5240+1.4427i	3.2221+0.9863i
71.9	0.2952+1.9155i	-94.9399-96.1602i	0.3883+2.2152i	-2.3715+2.0424i	2.0622+7.7315i	0.4179-1.3177i	-2.5794+1.6537i	3.2633+1.0919i
72.0	0.2938+1.9512i	-94.8749-96.1974i	0.4481+2.3390i	-2.1887+2.4306i	1.9856+7.7802i	0.3596-1.4056i	-2.4008+2.0385i	3.3657+1.1032i
72.1	0.3687+1.9468i	-93.1677-93.7518i	0.5024+2.3804i	-2.0698+2.7250i	1.9639+7.6396i	0.3081-1.4744i	-2.2858+2.3407i	3.2808+1.0538i
72.2	0.4175+1.9113i	-93.1675-90.9905i	0.5531+2.3465i	-1.9322+2.8669i	2.0453+7.4124i	0.2431-1.4708i	-2.1503+2.4865i	3.2348+1.0744i
72.3	0.4879+1.8986i	-92.7185-88.2887i	0.6491+2.3181i	-1.7376+2.9614i	2.0986+7.2329i	0.1582-1.4499i	-1.9506+2.5837i	3.1776+1.0690i
72.4	0.5563+1.8947i	-91.0754-86.5504i	0.7364+2.3177i	-1.5377+3.0951i	2.1657+7.1014i	0.1558-1.4265i	-1.7570+2.7223i	3.3026+1.1460i
72.5	0.6145+1.8656i	-91.2547-84.9088i	0.7746+2.2909i	-1.4084+3.2094i	2.1814+6.9664i	0.1203-1.4697i	-1.6248+2.8466i	3.2760+1.0137i
72.6	0.6342+1.8459i	-91.2283-83.3080i	0.8040+2.3148i	-1.3335+3.3373i	2.1716+6.8763i	0.0867-1.5070i	-1.5487+2.9755i	3.2589+0.9202i
72.7	0.7090+1.8210i	-91.4056-80.6479i	0.8709+2.2949i	-1.2171+3.4462i	2.3060+6.7449i	0.0345-1.5017i	-1.4361+3.0869i	3.2321+0.8977i
72.8	0.8044+1.8004i	-90.7315-78.0581i	0.9563+2.2876i	-0.9293+3.6150i	2.3752+6.6019i	-0.0704-1.5236i	-1.1497+3.2579i	3.2141+0.9672i
72.9	0.8982+1.7756i	-90.4323-77.3452i	1.0600+2.2889i	-0.7268+3.7472i	2.4585+6.5540i	-0.1152-1.5442i	-0.9541+3.3974i	3.2543+0.9086i
73.0	0.9206+1.7189i	-87.9009-74.7052i	1.0707+2.2489i	-0.4966+3.8280i	2.3573+6.3916i	-0.1533-1.5233i	-0.7290+3.4862i	3.3242+0.9283i
73.1	0.9548+1.6449i	-86.2638-72.3810i	1.1059+2.1858i	-0.3165+3.7223i	2.3584+6.2063i	-0.1558-1.4346i	-0.5500+3.3861i	3.3637+0.9678i
73.2	0.9840+1.5366i	-86.4641-70.2274i	1.1306+2.1075i	-0.1873+3.6045i	2.3502+6.0042i	-0.1671-1.3704i	-0.4229+3.2754i	3.3369+0.9893i
73.3	1.0452+1.5155i	-85.7132-70.0220i	1.1815+2.1433i	0.0144+3.6144i	2.2582+5.9814i	-0.2422-1.4168i	-0.2180+3.2896i	3.3665+0.8749i
73.4	1.0359+1.4740i	-85.2011-68.2951i	1.1964+2.1064i	0.1418+3.5439i	2.2256+5.8601i	-0.2960-1.3970i	-0.0851+3.2215i	3.2999+0.8642i
73.5	1.0823+1.3888i	-84.0885-67.2015i	1.2694+2.0022i	0.2676+3.4483i	2.3205+5.7439i	-0.3100-1.3355i	0.0363+3.1345i	3.3305+0.8199i
73.6	1.0982+1.3460i	-83.4301-65.6585i	1.3057+1.9605i	0.3834+3.4346i	2.3899+5.6466i	-0.3558-1.3111i	0.1405+3.1255i	3.3487+0.7930i
73.7	1.0992+1.2718i	-82.6529-64.0264i	1.3376+1.9047i	0.5006+3.4036i	2.3595+5.4859i	-0.4118-1.2967i	0.2545+3.0995i	3.3401+0.7650i
73.8	1.0892+1.2176i	-82.5478-62.4411i	1.3359+1.8540i	0.5450+3.3838i	2.3690+5.3739i	-0.4307-1.2855i	0.3031+3.0787i	3.2735+0.7299i
73.9	1.0789+1.1764i	-81.8530-61.8605i	1.3285+1.8497i	0.6107+3.4065i	2.3035+5.3216i	-0.4426-1.2849i	0.3665+3.1017i	3.2597+0.7240i
74.0	1.0755+1.1613i	-80.3776-59.7371i	1.3455+1.8516i	0.6969+3.4262i	2.2183+5.2921i	-0.4362-1.2461i	0.4570+3.1251i	3.3603+0.8041i
74.1	1.0680+1.1011i	-80.7946-58.2393i	1.3225+1.7358i	0.7826+3.2539i	2.2827+5.1493i	-0.4536-1.1474i	0.5411+2.9602i	3.3003+0.8234i
74.2	1.0892+1.0395i	-79.6696-56.2174i	1.3760+1.6579i	1.0344+3.0234i	2.1861+5.0023i	-0.5114-1.0976i	0.7836+2.7479i	3.3649+0.7137i
74.3	1.0523+1.0292i	-78.9517-55.7811i	1.3641+1.6673i	0.9799+2.9879i	2.0747+4.9179i	-0.4667-1.0850i	0.7356+2.7110i	3.3961+0.6547i
74.4	1.0272+1.0180i	-78.1240-55.7178i	1.3583+1.6158i	0.9936+2.8657i	2.0543+4.8371i	-0.4524-1.0597i	0.7558+2.5955i	3.3655+0.4623i
74.5	1.0425+0.9982i	-77.0585-54.3268i	1.4029+1.6001i	1.1672+2.8808i	2.0507+4.8233i	-0.5342-1.0568i	0.9309+2.6210i	3.3076+0.3706i
74.6	1.0601+0.9647i	-77.1549-52.4803i	1.3755+1.6025i	1.1351+2.9084i	2.1401+4.7940i	-0.5483-1.0436i	0.8943+2.6412i	3.2062+0.4921i
74.7	1.0518+0.9534i	-75.9251-51.6583i	1.3743+1.5440i	1.0835+2.7786i	2.0975+4.7377i	-0.5327-0.9891i	0.8483+2.5143i	3.1367+0.4637i
74.8	1.0672+0.9435i	-75.3253-50.5390i	1.3652+1.5591i	1.1545+2.7885i	1.9648+4.6723i	-0.5457-1.0396i	0.9264+2.5305i	3.0669+0.3561i
74.9	1.0602+0.9153i	-74.4593-49.4323i	1.3630+1.4837i	1.1341+2.6623i	1.9678+4.5741i	-0.5150-0.9860i	0.9084+2.4139i	3.0980+0.3229i

75.0	1.0078+0.8765i	-74.1574-47.3771i	1.3411+1.4011i	0.9940+2.4902i	2.0237+4.4668i	-0.4621-0.9166i	0.7691+2.2528i	3.1038+0.2685i
75.1	0.9794+0.8897i	-72.6752-45.8940i	1.3115+1.4282i	0.9698+2.4819i	1.9903+4.4996i	-0.4279-0.8853i	0.7451+2.2468i	3.0990+0.3641i
75.2	1.0123+0.8747i	-71.6701-45.2403i	1.3565+1.3919i	1.0501+2.4367i	2.0330+4.3812i	-0.4432-0.8718i	0.8191+2.2089i	3.1175+0.3259i
75.3	1.0305+0.8654i	-71.3454-44.7750i	1.3530+1.3790i	0.9758+2.4785i	2.0509+4.2813i	-0.4304-0.9105i	0.7521+2.2528i	3.0485+0.2366i
75.4	1.0365+0.8477i	-70.2464-44.3365i	1.3954+1.3867i	1.0483+2.4889i	1.9643+4.3538i	-0.5008-0.8748i	0.8346+2.2563i	2.9009+0.2627i
75.5	1.0726+0.8252i	-69.3022-43.3051i	1.4121+1.3934i	1.0740+2.5124i	1.9419+4.3425i	-0.5125-0.8882i	0.8648+2.2776i	2.8263+0.3170i
75.6	1.0446+0.8045i	-69.4031-42.0373i	1.4004+1.3611i	1.0426+2.4832i	1.9287+4.2210i	-0.5018-0.8443i	0.8352+2.2463i	2.7589+0.4987i
75.7	1.0601+0.8273i	-68.6255-41.4319i	1.3639+1.4006i	0.9072+2.5715i	1.8547+4.2028i	-0.4414-0.8557i	0.7128+2.3288i	2.7288+0.5504i
75.8	1.0703+0.8172i	-68.0058-40.4367i	1.3385+1.3606i	0.9311+2.5014i	1.8708+4.1274i	-0.4217-0.8190i	0.7384+2.2659i	2.7162+0.5726i
75.9	1.0954+0.7857i	-67.1946-39.0395i	1.4292+1.3902i	1.0849+2.5961i	1.8173+4.1581i	-0.4889-0.8087i	0.8841+2.3525i	2.7995+0.7050i
76.0	1.0837+0.7593i	-66.3001-38.4500i	1.4317+1.3566i	1.0587+2.6342i	1.7116+4.0890i	-0.4752-0.8030i	0.8643+2.3928i	2.7638+0.6817i
76.1	1.0959+0.7276i	-65.5083-37.9215i	1.4404+1.3624i	1.1525+2.6387i	1.7118+4.0246i	-0.4959-0.8191i	0.9524+2.4017i	2.8117+0.7298i
76.2	1.1202+0.7383i	-65.0442-36.9904i	1.3930+1.3987i	1.0670+2.7131i	1.6242+4.0591i	-0.4555-0.8526i	0.8851+2.4724i	2.6954+0.8635i
76.3	1.1601+0.6925i	-64.4685-36.5467i	1.4727+1.3478i	1.2117+2.7050i	1.5670+4.0506i	-0.5151-0.8151i	1.0386+2.4611i	2.7475+0.8363i
76.4	1.1830+0.6271i	-63.3163-35.4670i	1.5365+1.3290i	1.3742+2.6813i	1.6473+4.0585i	-0.5415-0.7692i	1.1803+2.4267i	2.9053+0.9977i
76.5	1.1298+0.5666i	-63.0466-35.0339i	1.4686+1.2421i	1.3183+2.5909i	1.4952+4.0373i	-0.5261-0.6839i	1.1439+2.3398i	2.7357+1.0152i
76.6	1.1155+0.5652i	-62.7198-35.0423i	1.4119+1.1685i	1.3340+2.6301i	1.2587+3.9090i	-0.5463-0.7534i	1.1864+2.3817i	2.4360+0.8184i
76.7	1.1562+0.5962i	-61.0918-33.9851i	1.4744+1.2072i	1.4161+2.6929i	1.3223+3.9013i	-0.5427-0.7716i	1.2593+2.4471i	2.6053+0.8784i
76.8	1.1597+0.5335i	-60.0210-33.4817i	1.4288+1.1598i	1.4645+2.6899i	1.2596+3.8149i	-0.5031-0.7590i	1.3113+2.4364i	2.6659+0.9625i
76.9	1.1429+0.4947i	-59.4001-33.0894i	1.4239+1.1400i	1.4647+2.6614i	1.1079+3.7219i	-0.5319-0.7829i	1.3164+2.4206i	2.7023+0.8870i
77.0	1.1187+0.4864i	-58.2253-31.4558i	1.4087+1.1205i	1.5016+2.5690i	1.0226+3.7404i	-0.5016-0.7484i	1.3601+2.3281i	2.7958+0.9171i
77.1	1.0877+0.4867i	-57.6542-30.8916i	1.3864+1.1390i	1.4030+2.5768i	0.9690+3.8863i	-0.4271-0.7054i	1.2584+2.3145i	2.8764+1.1236i
77.2	1.1108+0.4576i	-56.8050-30.2720i	1.2805+1.1651i	1.4208+2.7466i	0.6636+3.7886i	-0.4540-0.8179i	1.3010+2.4781i	2.6797+1.0663i
77.3	1.0949+0.4197i	-55.9474-30.2574i	1.2714+1.1738i	1.5302+2.7593i	0.5671+3.9097i	-0.5052-0.8268i	1.4145+2.4768i	2.7139+1.0977i
77.4	1.0506+0.4310i	-55.8470-29.9264i	1.2423+1.1929i	1.4940+2.7650i	0.5660+3.9882i	-0.4221-0.8414i	1.3828+2.4729i	2.8434+1.1039i
77.5	1.0245+0.4667i	-55.2292-28.5812i	1.2346+1.2765i	1.5214+2.7687i	0.5621+4.2358i	-0.4178-0.8646i	1.4072+2.4531i	2.9248+1.2692i
77.6	1.0345+0.4747i	-54.9259-28.1462i	1.2554+1.4375i	1.6256+2.8589i	0.4092+4.7646i	-0.5183-0.8454i	1.5113+2.4809i	2.8365+1.7344i
77.7	0.9746+0.4572i	-53.7009-27.8146i	1.1773+1.4318i	1.6445+2.8876i	-0.0754+4.7159i	-0.6041-0.8799i	1.5525+2.5045i	2.5646+1.6860i
77.8	0.9881+0.4704i	-52.5840-27.1387i	1.2956+1.5400i	1.8320+3.0143i	0.1821+5.1740i	-0.6443-0.8720i	1.7109+2.5894i	2.8693+2.0692i
77.9	1.0007+0.4361i	-52.1912-27.0084i	1.4001+1.6116i	2.0062+3.0129i	0.4466+5.6278i	-0.6994-0.7811i	1.8512+2.5466i	3.1128+2.4711i
78.0	1.0695+0.4001i	-51.7718-26.7496i	1.5216+1.7142i	2.1886+2.9934i	0.7185+6.0652i	-0.7752-0.7091i	1.9918+2.4747i	3.3415+2.8221i
78.1	1.1046+0.4355i	-50.7070-26.0523i	1.6686+1.7557i	2.3664+2.9980i	1.1131+6.4244i	-0.7610-0.6791i	2.1136+2.4562i	3.9054+2.9534i
78.2	1.1516+0.4351i	-49.9936-25.0601i	1.8497+1.7870i	2.5574+2.9488i	1.6505+6.6748i	-0.7531-0.6446i	2.2394+2.3896i	4.5572+3.0215i
78.3	1.1064+0.3931i	-48.8733-25.0249i	1.9972+1.7164i	2.7337+2.7338i	2.1607+6.8054i	-0.7690-0.5045i	2.3419+2.1885i	4.9810+2.9549i
78.4	1.1400+0.3727i	-48.2085-25.2149i	2.1112+1.6685i	2.7963+2.6828i	2.7162+6.7254i	-0.6893-0.5024i	2.3392+2.1440i	5.5273+2.8279i
78.5	1.1830+0.3881i	-47.6767-25.2715i	2.2424+1.6845i	2.8819+2.6985i	3.1980+6.7226i	-0.6427-0.5292i	2.3614+2.1676i	6.0242+2.7255i
78.6	1.2129+0.3396i	-46.8420-25.2512i	2.3200+1.4609i	2.8885+2.4278i	3.6581+6.1611i	-0.5927-0.5327i	2.3407+1.9642i	6.3027+1.9585i
78.7	1.2065+0.2449i	-46.1171-25.2395i	2.3665+1.2352i	2.9258+2.1888i	4.0106+5.5058i	-0.5718-0.5123i	2.3485+1.8050i	6.4400+1.1894i
78.8	1.2399+0.1781i	-45.6862-25.1589i	2.4428+0.9945i	2.9372+1.9362i	4.6670+4.8384i	-0.4473-0.5038i	2.3065+1.6474i	6.8735+0.3783i
78.9	1.1553+0.0770i	-45.8325-25.1744i	2.1440+0.7329i	2.5079+1.6683i	4.2023+3.6876i	-0.3152-0.5473i	1.9633+1.4513i	5.9686-0.1739i
79.0	0.9944+0.1267i	-45.8449-22.8087i	1.8553+0.9251i	2.0392+2.1076i	3.4831+3.5304i	-0.1935-0.7533i	1.5028+1.8504i	5.8401+0.5533i
79.1	1.0196+0.2511i	-43.5554-22.2822i	2.0852+1.2118i	2.5095+2.6252i	3.5075+4.0914i	-0.3800-0.9424i	1.8696+2.3911i	6.8621+0.4440i
79.2	1.1165+0.2376i	-41.6063-22.6963i	2.3082+1.1883i	2.9053+2.6360i	3.8272+3.9211i	-0.5219-0.9939i	2.2333+2.4969i	7.2593-0.3514i
79.3	1.1698+0.2032i	-40.9180-22.7225i	2.3794+1.0878i	3.1120+2.5103i	3.7982+3.5921i	-0.6348-0.9922i	2.4753+2.4537i	7.1531-0.9517i
79.4	1.1460+0.1468i	-41.0613-23.3633i	2.3970+1.0165i	3.1956+2.2881i	3.7571+3.5170i	-0.6503-0.9265i	2.5971+2.2839i	6.8376-1.2612i
79.5	1.1283+0.0834i	-40.3127-23.6178i	2.4253+0.9969i	3.2886+2.1498i	3.5589+3.6046i	-0.7314-0.8464i	2.7432+2.1797i	6.3931-1.5375i
79.6	1.1043+0.0982i	-39.7031-23.2056i	2.3650+0.9329i	3.2453+2.0713i	3.3486+3.2361i	-0.7469-0.8889i	2.7799+2.1393i	5.9831-1.9204i
79.7	1.0995+0.0795i	-38.7159-23.2438i	2.4083+0.9166i	3.3071+2.0781i	3.2745+3.0385i	-0.8153-0.9439i	2.9041+2.1674i	5.8422-2.0902i
79.8	1.1024+0.0830i	-38.5170-23.3582i	2.4909+0.9453i	3.3551+2.0572i	3.2470+3.2565i	-0.8617-0.9287i	2.9995+2.1397i	5.7125-1.9837i
79.9	1.1072+0.0686i	-38.0706-23.8257i	2.5777+0.9409i	3.4859+1.9845i	3.2374+3.4137i	-0.9470-0.8953i	3.1602+2.0577i	5.5506-1.9269i
80.0	1.1359+0.0561i	-37.1514-23.9041i	2.6311+0.8645i	3.5664+1.8830i	3.2012+3.3415i	-0.9869-0.8762i	3.2982+1.9175i	5.3214-2.1057i

2.1.27 Run 3 – IP315 – Accels 17–24

In-plane shaking at 315°. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-0.6118+0.0000i	-5.4702+0.0000i	15.2374+0.0000i	10.1923+0.0000i	7.0340+0.0000i	8.6980+0.0000i	5.0934+0.0000i	11.6939+0.0000i
0.1	-0.6745-0.1620i	-5.6206+0.1530i	14.3056-2.3970i	10.3876+0.8997i	7.0451-0.0199i	9.0477+2.1850i	5.1217+0.0088i	11.6521+0.0260i
0.2	-0.7307+1.2028i	-0.2390+0.6070i	-5.2633-3.1849i	0.2375-0.6227i	1.2295+0.1969i	-0.3507-2.8568i	-0.1308-0.0002i	0.2342+0.1129i
0.3	-0.0884+0.1491i	0.1142+0.1904i	-0.4013+0.1216i	-0.0366-0.0482i	0.0890-0.1372i	0.3295-0.2163i	-0.0205+0.0094i	-0.0006-0.0054i
0.4	-0.0738-0.0296i	-0.0151+0.0231i	-0.1469-0.0227i	-0.0275-0.0429i	-0.0164+0.0514i	0.1624-0.0118i	-0.0087-0.0129i	0.0158-0.0217i
0.5	-0.0372-0.0073i	0.0175-0.0008i	0.0354+0.0098i	-0.0086+0.0129i	0.0393+0.0018i	0.0142-0.0407i	-0.0145-0.0035i	0.0169+0.0031i
0.6	-0.0321-0.0019i	0.0369+0.0052i	0.0235+0.0017i	-0.0206-0.0008i	0.0346+0.0032i	-0.0010-0.0136i	-0.0251-0.0061i	0.0405+0.0079i
0.7	-0.0435-0.0027i	0.0529+0.0062i	-0.0066+0.0014i	-0.0285-0.0020i	0.0456+0.0058i	0.0076-0.0014i	-0.0314-0.0048i	0.0522+0.0101i
0.8	-0.0549-0.0077i	0.0726+0.0085i	-0.0198+0.0063i	-0.0373-0.0036i	0.0578+0.0102i	0.0129+0.0037i	-0.0404-0.0069i	0.0638+0.0132i
0.9	-0.0703-0.0056i	0.0940+0.0040i	-0.0229+0.0086i	-0.0471-0.0049i	0.0808+0.0155i	0.0113+0.0039i	-0.0547-0.0090i	0.0867+0.0124i
1.0	-0.0750-0.0020i	0.1031-0.0025i	-0.0202+0.0102i	-0.0516-0.0050i	0.1010+0.0235i	0.0038+0.0038i	-0.0664-0.0100i	0.1011+0.0131i
1.1	-0.1085+0.0185i	0.1677-0.0440i	-0.0557+0.0426i	-0.0732+0.0181i	0.1525+0.0488i	0.0180+0.0092i	-0.0927-0.0304i	0.1584-0.0016i
1.2	-0.1186+0.0177i	0.2248-0.0290i	-0.0517+0.0349i	-0.0922+0.0131i	0.2636+0.0539i	0.0235+0.0054i	-0.1329-0.0293i	0.2435+0.0142i
1.3	-0.1297+0.0511i	0.3178-0.0389i	-0.0703+0.0430i	-0.1047+0.0337i	0.4490+0.1431i	0.0277+0.0035i	-0.1898-0.0463i	0.3778+0.0567i
1.4	-0.0420+0.0054i	0.4653-0.0526i	-0.1316+0.0553i	-0.0403-0.0041i	0.9680+0.0086i	0.0386+0.0033i	-0.3034-0.0287i	0.7029-0.0035i
1.5	-0.1300-0.2135i	0.6224-0.2107i	-0.2151+0.1333i	-0.1012-0.1716i	1.0000-0.8107i	0.0470-0.0047i	-0.3247+0.1149i	0.8179-0.4703i
1.6	-0.4095-0.2682i	0.6858-0.4064i	-0.2561+0.2673i	-0.3080-0.2263i	0.3795-1.1526i	0.0495-0.0090i	-0.2271+0.1465i	0.5695-0.7475i
1.7	-0.6072-0.1478i	0.6578-0.7460i	-0.1841+0.5344i	-0.4733-0.1701i	0.0059-1.1421i	0.0551-0.0130i	-0.2294+0.0769i	0.3791-0.9384i
1.8	-0.7594+0.0423i	0.3598-1.3359i	0.1609+0.9849i	-0.6444-0.0823i	-0.3140-1.2245i	0.0654-0.0225i	-0.3635-0.0145i	0.0637-1.3103i
1.9	-0.8630+0.1568i	-0.3050-1.3895i	0.8282+1.0368i	-0.8276-0.0020i	-0.7245-0.9587i	0.0718-0.0224i	-0.6008-0.0753i	-0.5110-1.2285i
2.0	-1.1044+0.1813i	-0.6990-1.1298i	1.4187+0.8377i	-1.1271+0.0406i	-0.8441-0.6451i	0.0918-0.0188i	-0.9826-0.0755i	-0.8090-0.9442i
2.1	-1.7326+0.2767i	-0.8562-0.8131i	2.1299+0.4893i	-1.7773+0.1748i	-0.7942-0.4013i	0.1429-0.0225i	-1.6940+0.0639i	-0.9145-0.6492i
2.2	-2.8028+0.5683i	-0.8952-0.6459i	3.0786+0.0755i	-2.8374+0.4926i	-0.7155-0.3080i	0.2235-0.0426i	-2.7737+0.3988i	-0.9585-0.4958i
2.3	-1.9512+1.2359i	-0.8912-0.4241i	2.3768-0.6752i	-2.0020+1.1735i	-0.6654-0.2129i	0.1663-0.0911i	-1.9768+1.0935i	-0.8946-0.2907i
2.4	2.8990+0.7992i	-0.5929-0.3144i	-1.9245-0.3024i	2.7984+0.7143i	-0.6116-0.1034i	-0.1776-0.0565i	2.7763+0.6088i	-0.4586-0.1975i
2.5	1.9343+0.5200i	-0.5753-0.2499i	-1.1181-0.1505i	1.8484+0.4588i	-0.5535-0.0795i	-0.1042-0.0370i	1.8325+0.3791i	-0.4711-0.1625i
2.6	1.4412+0.3178i	-0.5627-0.2170i	-0.7003-0.0224i	1.3611+0.2689i	-0.5099-0.0642i	-0.0648-0.0230i	1.3414+0.2019i	-0.4695-0.1459i
2.7	1.1903+0.2086i	-0.5474-0.1909i	-0.4907+0.0405i	1.1127+0.1673i	-0.4795-0.0503i	-0.0424-0.0145i	1.0912+0.1070i	-0.4599-0.1296i
2.8	1.0413+0.1676i	-0.5268-0.1749i	-0.3757+0.0581i	0.9664+0.1297i	-0.4571-0.0421i	-0.0273-0.0117i	0.9462+0.0740i	-0.4459-0.1189i
2.9	0.9239+0.1495i	-0.5070-0.1606i	-0.2854+0.0576i	0.8525+0.1151i	-0.4344-0.0356i	-0.0150-0.0105i	0.8313+0.0635i	-0.4308-0.1081i
3.0	0.8229+0.1197i	-0.4930-0.1347i	-0.2025+0.0567i	0.7524+0.0906i	-0.4126-0.0251i	-0.0018-0.0079i	0.7293+0.0451i	-0.4181-0.0899i
3.1	0.7701+0.1144i	-0.4897-0.1301i	-0.1471+0.0555i	0.6981+0.0874i	-0.3962-0.0241i	0.0070-0.0078i	0.6698+0.0423i	-0.4116-0.0865i
3.2	0.7280+0.1014i	-0.4813-0.1159i	-0.1056+0.0484i	0.6553+0.0774i	-0.3820-0.0241i	0.0154-0.0070i	0.6244+0.0385i	-0.4023-0.0782i
3.3	0.6927+0.0959i	-0.4749-0.1155i	-0.0719+0.0543i	0.6196+0.0723i	-0.3708-0.0221i	0.0232-0.0067i	0.5867+0.0325i	-0.3954-0.0778i
3.4	0.6675+0.0845i	-0.4634-0.1061i	-0.0534+0.0552i	0.5951+0.0625i	-0.3634-0.0203i	0.0294-0.0050i	0.5640+0.0252i	-0.3865-0.0720i
3.5	0.6376+0.0766i	-0.4530-0.0902i	-0.0257+0.0422i	0.5653+0.0578i	-0.3537-0.0192i	0.0387-0.0048i	0.5340+0.0272i	-0.3773-0.0627i
3.6	0.6172+0.0736i	-0.4491-0.0879i	-0.0070+0.0421i	0.5440+0.0553i	-0.3466-0.0179i	0.0462-0.0053i	0.5111+0.0253i	-0.3732-0.0602i
3.7	0.6014+0.0643i	-0.4446-0.0732i	0.0147+0.0306i	0.5265+0.0492i	-0.3383-0.0192i	0.0541-0.0041i	0.4910+0.0253i	-0.3678-0.0522i
3.8	0.5878+0.0677i	-0.4431-0.0801i	0.0389+0.0378i	0.5110+0.0517i	-0.3324-0.0191i	0.0633-0.0048i	0.4738+0.0248i	-0.3645-0.0567i
3.9	0.5768+0.0705i	-0.4357-0.0906i	0.0510+0.0530i	0.4997+0.0522i	-0.3281-0.0181i	0.0703-0.0049i	0.4628+0.0202i	-0.3585-0.0628i
4.0	0.5671+0.0643i	-0.4350-0.0795i	0.0739+0.0445i	0.4881+0.0483i	-0.3254-0.0181i	0.0792-0.0043i	0.4496+0.0203i	-0.3580-0.0559i
4.1	0.5590+0.0571i	-0.4343-0.0631i	0.0929+0.0287i	0.4776+0.0445i	-0.3222-0.0182i	0.0879-0.0035i	0.4379+0.0236i	-0.3569-0.0465i
4.2	0.5517+0.0555i	-0.4281-0.0573i	0.1040+0.0183i	0.4682+0.0445i	-0.3179-0.0204i	0.0970-0.0038i	0.4290+0.0265i	-0.3513-0.0439i
4.3	0.5494+0.0536i	-0.4291-0.0537i	0.1223+0.0130i	0.4622+0.0428i	-0.3116-0.0214i	0.1079-0.0049i	0.4202+0.0272i	-0.3495-0.0416i
4.4	0.5468+0.0568i	-0.4270-0.0550i	0.1357+0.0181i	0.4581+0.0456i	-0.3114-0.0233i	0.1185-0.0064i	0.4161+0.0318i	-0.3480-0.0438i
4.5	0.5439+0.0527i	-0.4172-0.0454i	0.1337+0.0155i	0.4549+0.0443i	-0.3120-0.0217i	0.1269-0.0043i	0.4159+0.0322i	-0.3422-0.0370i
4.6	0.5413+0.0490i	-0.4094-0.0443i	0.1343+0.0319i	0.4519+0.0401i	-0.3084-0.0191i	0.1356-0.0028i	0.4142+0.0271i	-0.3355-0.0352i
4.7	0.5406+0.0482i	-0.4053-0.0448i	0.1562+0.0607i	0.4484+0.0396i	-0.3041-0.0230i	0.1476-0.0043i	0.4090+0.0286i	-0.3306-0.0376i
4.8	0.5309+0.0506i	-0.3984-0.0456i	0.2062+0.0775i	0.4358+0.0433i	-0.3006-0.0258i	0.1630-0.0070i	0.3993+0.0336i	-0.3248-0.0395i
4.9	0.5298+0.0525i	-0.3960-0.0464i	0.2791+0.0603i	0.4301+0.0443i	-0.2980-0.0275i	0.1781-0.0098i	0.3923+0.0356i	-0.3228-0.0415i
5.0	0.5305+0.0546i	-0.3913-0.0510i	0.3090+0.0334i	0.4278+0.0461i	-0.2929-0.0308i	0.1927-0.0099i	0.3876+0.0365i	-0.3172-0.0455i
5.1	0.5285+0.0576i	-0.3875-0.0560i	0.3273+0.0145i	0.4218+0.0492i	-0.2921-0.0341i	0.2086-0.0132i	0.3838+0.0401i	-0.3153-0.0494i
5.2	0.5335+0.0622i	-0.3899-0.0589i	0.3477-0.0016i	0.4217+0.0508i	-0.2954-0.0417i	0.2233-0.0151i	0.3837+0.0454i	-0.3178-0.0548i
5.3	0.5378+0.0694i	-0.3940-0.0720i	0.3799-0.0050i	0.4173+0.0558i	-0.2967-0.0541i	0.2421-0.0185i	0.3780+0.0515i	-0.3207-0.0684i
5.4	0.5435+0.0791i	-0.3952-0.0752i	0.4061-0.0232i	0.4153+0.0666i	-0.3008-0.0535i	0.2577-0.0229i	0.3789+0.0622i	-0.3209-0.0702i
5.5	0.5530+0.0815i	-0.3937-0.0656i	0.4264-0.0541i	0.4178+0.0745i	-0.3040-0.0491i	0.2748-0.0316i	0.3853+0.0686i	-0.3203-0.0631i
5.6	0.5625+0.0857i	-0.3981-0.0620i	0.4517-0.0740i	0.4212+0.0814i	-0.3068-0.0491i	0.2909-0.0372i	0.3863+0.0753i	-0.3233-0.0607i

5.7	0.5793+0.0889i	-0.4157-0.0592i	0.5084-0.0907i	0.4275+0.0870i	-0.3205-0.0507i	0.3087-0.0391i	0.3877+0.0821i	-0.3395-0.0596i
5.8	0.5975+0.0937i	-0.4308-0.0615i	0.5522-0.1188i	0.4348+0.0975i	-0.3295-0.0547i	0.3247-0.0523i	0.3938+0.0931i	-0.3517-0.0616i
5.9	0.6239+0.1047i	-0.4349-0.0641i	0.5566-0.1472i	0.4571+0.1117i	-0.3333-0.0554i	0.3319-0.0634i	0.4143+0.1066i	-0.3548-0.0641i
6.0	0.6556+0.0988i	-0.4358-0.0554i	0.5500-0.1576i	0.4847+0.1075i	-0.3376-0.0490i	0.3393-0.0614i	0.4407+0.1028i	-0.3537-0.0563i
6.1	0.6816+0.0848i	-0.4334-0.0457i	0.5708-0.1585i	0.5007+0.0962i	-0.3399-0.0429i	0.3544-0.0561i	0.4572+0.0924i	-0.3524-0.0464i
6.2	0.7033+0.0746i	-0.4390-0.0388i	0.6376-0.1608i	0.5091+0.0869i	-0.3425-0.0378i	0.3776-0.0524i	0.4623+0.0843i	-0.3553-0.0410i
6.3	0.7251+0.0657i	-0.4358-0.0381i	0.7099-0.1540i	0.5134+0.0803i	-0.3389-0.0353i	0.4043-0.0467i	0.4649+0.0759i	-0.3502-0.0405i
6.4	0.7538+0.0636i	-0.4442-0.0281i	0.8226-0.1942i	0.5205+0.0850i	-0.3443-0.0309i	0.4404-0.0433i	0.4682+0.0830i	-0.3549-0.0317i
6.5	0.7822+0.0573i	-0.4494-0.0257i	0.9139-0.2267i	0.5295+0.0821i	-0.3471-0.0321i	0.4706-0.0421i	0.4733+0.0838i	-0.3551-0.0308i
6.6	0.8409+0.0416i	-0.4527-0.0214i	1.0562-0.2819i	0.5545+0.0762i	-0.3492-0.0308i	0.5181-0.0419i	0.4953+0.0821i	-0.3546-0.0281i
6.7	0.9081+0.0131i	-0.4597-0.0158i	1.1750-0.3883i	0.5915+0.0710i	-0.3525-0.0280i	0.5572-0.0540i	0.5248+0.0803i	-0.3580-0.0252i
6.8	0.9896-0.0274i	-0.4668-0.0108i	1.3452-0.5090i	0.6317+0.0571i	-0.3559-0.0255i	0.5968-0.0609i	0.5581+0.0687i	-0.3580-0.0231i
6.9	1.0980-0.1296i	-0.4750+0.0053i	1.5683-0.8282i	0.6855+0.0236i	-0.3581-0.0189i	0.6421-0.0812i	0.6034+0.0460i	-0.3570-0.0180i
7.0	1.2494-0.3705i	-0.4875+0.0312i	1.8791-1.4470i	0.7625-0.0758i	-0.3637-0.0111i	0.6967-0.0913i	0.6652-0.0297i	-0.3572-0.0144i
7.1	1.1153-0.7329i	-0.4683+0.0723i	1.4343-2.2668i	0.7239-0.2432i	-0.3592+0.0054i	0.7455-0.1008i	0.6455-0.1614i	-0.3507-0.0050i
7.2	0.6722-0.9148i	-0.4089+0.0949i	0.2983-2.5435i	0.5429-0.3534i	-0.3388+0.0176i	0.8155-0.1000i	0.5141-0.2560i	-0.3331+0.0036i
7.3	0.3913-0.7380i	-0.3744+0.0688i	-0.2202-2.0592i	0.3942-0.2919i	-0.3265+0.0094i	0.9174-0.1406i	0.3929-0.2148i	-0.3224-0.0046i
7.4	0.2575-0.5200i	-0.3636+0.0379i	-0.4974-1.6042i	0.3239-0.1905i	-0.3232-0.0044i	0.9559-0.2213i	0.3335-0.1360i	-0.3249-0.0167i
7.5	0.2630-0.2591i	-0.3701+0.0086i	-0.4776-0.9978i	0.3185-0.0722i	-0.3262-0.0149i	1.0037-0.2377i	0.3261-0.0444i	-0.3333-0.0228i
7.6	0.3726-0.1465i	-0.3847-0.0026i	-0.2035-0.7286i	0.3608-0.0164i	-0.3321-0.0177i	1.0967-0.2492i	0.3564-0.0017i	-0.3372-0.0225i
7.7	0.4759-0.1277i	-0.3935-0.0022i	0.0813-0.7231i	0.4034-0.0021i	-0.3337-0.0165i	1.1919-0.3045i	0.3890+0.0107i	-0.3353-0.0187i
7.8	0.5695-0.1291i	-0.3977+0.0012i	0.2840-0.8569i	0.4461+0.0114i	-0.3323-0.0183i	1.2965-0.4079i	0.4275+0.0255i	-0.3313-0.0149i
7.9	0.5992-0.1394i	-0.3973+0.0007i	0.2940-0.9453i	0.4665+0.0148i	-0.3295-0.0158i	1.3324-0.4913i	0.4447+0.0312i	-0.3275-0.0143i
8.0	0.6332-0.1396i	-0.3984-0.0020i	0.3285-0.9528i	0.4889+0.0167i	-0.3289-0.0193i	1.3984-0.5723i	0.4639+0.0335i	-0.3250-0.0169i
8.1	0.6755-0.1361i	-0.4009-0.0032i	0.4001-1.0119i	0.5118+0.0254i	-0.3296-0.0210i	1.4723-0.6563i	0.4836+0.0431i	-0.3224-0.0195i
8.2	0.7077-0.1273i	-0.4036-0.0010i	0.4435-1.0451i	0.5302+0.0340i	-0.3319-0.0208i	1.5413-0.7136i	0.4963+0.0509i	-0.3226-0.0182i
8.3	0.7799-0.1336i	-0.4064-0.0012i	0.6056-1.0613i	0.5619+0.0347i	-0.3311-0.0204i	1.7285-0.7919i	0.5248+0.0494i	-0.3198-0.0164i
8.4	0.8426-0.1641i	-0.4092-0.0019i	0.7758-1.1089i	0.5883+0.0179i	-0.3325-0.0218i	1.9000-0.8824i	0.5469+0.0349i	-0.3181-0.0187i
8.5	0.9486-0.2031i	-0.4072-0.0025i	0.9672-1.2666i	0.6451+0.0063i	-0.3264-0.0258i	2.1339-1.0620i	0.5962+0.0248i	-0.3075-0.0195i
8.6	1.0366-0.2690i	-0.4067-0.0041i	1.1364-1.4628i	0.6928-0.0211i	-0.3217-0.0327i	2.3331-1.2817i	0.6365+0.0023i	-0.2990-0.0260i
8.7	1.1286-0.3955i	-0.4090-0.0097i	1.3347-1.7989i	0.7346-0.0820i	-0.3215-0.0423i	2.6092-1.6546i	0.6713-0.0506i	-0.2930-0.0397i
8.8	1.2040-0.5030i	-0.4092-0.0124i	1.5361-2.1704i	0.7654-0.1212i	-0.3205-0.0462i	2.8630-2.0550i	0.6962-0.0843i	-0.2859-0.0462i
8.9	1.2992-0.7574i	-0.4135-0.0193i	1.7499-2.9531i	0.8095-0.2262i	-0.3166-0.0628i	3.1513-2.9403i	0.7313-0.1705i	-0.2794-0.0659i
9.0	1.2922-1.0795i	-0.4153-0.0378i	1.6244-3.8881i	0.8210-0.3640i	-0.3177-0.0984i	3.0614-3.9816i	0.7389-0.2851i	-0.2762-0.1069i
9.1	1.1286-1.3019i	-0.4190-0.0533i	1.0670-4.5405i	0.7582-0.4612i	-0.3362-0.1196i	2.5279-4.7189i	0.6846-0.3680i	-0.2941-0.1329i
9.2	1.1730-1.4554i	-0.4273-0.0714i	1.1380-5.1741i	0.7783-0.5140i	-0.3476-0.1283i	2.6954-5.4000i	0.7014-0.4096i	-0.2990-0.1513i
9.3	0.7228-2.0747i	-0.4775-0.0751i	-0.6561-7.1486i	0.6219-0.7640i	-0.4005-0.1507i	0.9201-7.5765i	0.5797-0.6178i	-0.3598-0.1842i
9.4	-0.1748-2.1288i	-0.5158-0.0389i	-3.7789-7.1336i	0.2746-0.8160i	-0.4609-0.1254i	-2.3041-7.6340i	0.2969-0.6607i	-0.4357-0.1575i
9.5	-0.5732-1.6776i	-0.5102-0.0132i	-5.1846-5.4757i	0.1102-0.6538i	-0.4652-0.0846i	-3.6965-5.9761i	0.1598-0.5315i	-0.4434-0.1166i
9.6	-0.7637-1.1293i	-0.4982+0.0161i	-5.8375-3.4702i	0.0133-0.4486i	-0.4570-0.0429i	-4.2744-3.9959i	0.0760-0.3667i	-0.4377-0.0648i
9.7	-0.7046-0.8184i	-0.4827+0.0265i	-5.6944-2.2519i	0.0151-0.3221i	-0.4418-0.0256i	-3.9836-2.9190i	0.0704-0.2619i	-0.4183-0.0417i
9.8	-0.6108-0.5910i	-0.4668+0.0240i	-5.4984-1.2835i	0.0380-0.2207i	-0.4162-0.0203i	-3.6224-2.1855i	0.0812-0.1762i	-0.3888-0.0385i
9.9	-0.4972-0.4534i	-0.4609+0.0160i	-5.1845-0.3892i	0.0806-0.1477i	-0.3904-0.0276i	-3.2240-1.7867i	0.1121-0.1135i	-0.3689-0.0496i
10.0	-0.4147-0.3783i	-0.4545+0.0234i	-4.6612+0.2761i	0.1165-0.1016i	-0.3738-0.0330i	-2.9498-1.5764i	0.1395-0.0669i	-0.3577-0.0512i
10.1	-0.3409-0.3276i	-0.4416+0.0282i	-3.7762+0.5555i	0.1640-0.0765i	-0.3558-0.0542i	-2.8033-1.4384i	0.1814-0.0382i	-0.3412-0.0576i
10.2	-0.2892-0.2857i	-0.4360+0.0169i	-3.1704+0.4867i	0.2008-0.0692i	-0.3647-0.0759i	-2.7141-1.2835i	0.2191-0.0264i	-0.3422-0.0660i
10.3	-0.2475-0.2285i	-0.4273-0.0113i	-2.8202+0.3241i	0.2309-0.0533i	-0.3717-0.1107i	-2.6564-1.0689i	0.2493-0.0126i	-0.3394-0.0953i
10.4	-0.2151-0.1790i	-0.4199-0.0318i	-2.6843+0.2033i	0.2437-0.0426i	-0.3678-0.1281i	-2.5696-0.8792i	0.2628-0.0022i	-0.3248-0.1131i
10.5	-0.1718-0.1455i	-0.4330-0.0485i	-2.6595+0.1681i	0.2589-0.0335i	-0.3822-0.1451i	-2.4370-0.7229i	0.2763+0.0052i	-0.3320-0.1323i
10.6	-0.1356-0.1256i	-0.4527-0.0570i	-2.6460+0.1404i	0.2720-0.0307i	-0.4029-0.1516i	-2.3196-0.6054i	0.2882+0.0080i	-0.3489-0.1413i
10.7	-0.0826-0.0955i	-0.4792-0.0716i	-2.6168+0.1715i	0.2937-0.0209i	-0.4291-0.1713i	-2.1491-0.4627i	0.3060+0.0164i	-0.3720-0.1648i
10.8	-0.0422-0.0837i	-0.4941-0.0761i	-2.6454+0.1932i	0.3078-0.0156i	-0.4440-0.1761i	-2.0127-0.4092i	0.3173+0.0207i	-0.3841-0.1709i
10.9	0.0009-0.0759i	-0.5120-0.0753i	-2.6041+0.2009i	0.3235-0.0106i	-0.4635-0.1760i	-1.8705-0.3800i	0.3315+0.0230i	-0.4011-0.1703i
11.0	0.0310-0.0719i	-0.5254-0.0759i	-2.5726+0.1849i	0.3391-0.0094i	-0.4817-0.1837i	-1.7849-0.3575i	0.3442+0.0247i	-0.4149-0.1769i
11.1	0.0643-0.0671i	-0.5419-0.0735i	-2.5721+0.1693i	0.3549-0.0076i	-0.5004-0.1874i	-1.6798-0.3255i	0.3575+0.0264i	-0.4299-0.1795i
11.2	0.0913-0.0622i	-0.5548-0.0716i	-2.5676+0.1752i	0.3670-0.0064i	-0.5095-0.1837i	-1.6118-0.3095i	0.3689+0.0268i	-0.4366-0.1745i
11.3	0.1262-0.0604i	-0.5730-0.0692i	-2.6322+0.1741i	0.3832-0.0062i	-0.5215-0.1848i	-1.5229-0.3013i	0.3813+0.0292i	-0.4444-0.1753i
11.4	0.1405-0.0593i	-0.5822-0.0680i	-2.7001+0.1625i	0.3893-0.0071i	-0.5339-0.1871i	-1.4731-0.2846i	0.3849+0.0289i	-0.4517-0.1751i
11.5	0.1661-0.0593i	-0.5906-0.0697i	-2.7747+0.2448i	0.3994-0.0043i	-0.5389-0.1965i	-1.4010-0.2919i	0.3913+0.0334i	-0.4530-0.1833i
11.6	0.1916-0.0628i	-0.5972-0.0627i	-2.7988+0.2464i	0.4142-0.0029i	-0.5397-0.1954i	-1.3472-0.3024i	0.3993+0.0347i	-0.4510-0.1798i
11.7	0.2122-0.0741i	-0.6074-0.0580i	-2.9280+0.2940i	0.4285-0.0063i	-0.5594-0.2135i	-1.2972-0.3265i	0.4100+0.0409i	-0.4610-0.1941i
11.8	0.2346-0.0770i	-0.6164-0.0629i	-2.9815+0.2545i	0.4416-0.0081i	-0.5622-0.2260i	-1.2634-0.3326i	0.4168+0.0443i	-0.4582-0.2039i
11.9	0.2578-0.0887i	-0.6230-0.0666i	-2.9970+0.2515i	0.4594-0.0121i	-0.5692-0.2463i	-1.2409-0.3522i	0.4264+0.0456i	-0.4581-0.2234i

12.0	0.2791−0.0969i	−0.6321−0.0703i	−3.1607+0.2448i	0.4754−0.0183i	−0.5813−0.2603i	−1.2072−0.3560i	0.4359+0.0474i	−0.4588−0.2356i
12.1	0.3009−0.1045i	−0.6376−0.0797i	−3.3595+0.2517i	0.4885−0.0213i	−0.5799−0.2874i	−1.1702−0.3728i	0.4378+0.0551i	−0.4490−0.2593i
12.2	0.3195−0.1129i	−0.6439−0.0868i	−3.5013+0.2708i	0.4992−0.0257i	−0.5882−0.3085i	−1.1510−0.3867i	0.4441+0.0612i	−0.4496−0.2777i
12.3	0.3389−0.1252i	−0.6547−0.1034i	−3.6795+0.3081i	0.5134−0.0367i	−0.6064−0.3382i	−1.1390−0.3956i	0.4530+0.0670i	−0.4555−0.3057i
12.4	0.3562−0.1490i	−0.6643−0.1255i	−3.9072+0.3599i	0.5269−0.0526i	−0.6121−0.3844i	−1.1377−0.4101i	0.4592+0.0759i	−0.4528−0.3499i
12.5	0.3707−0.1782i	−0.6837−0.1618i	−4.2424+0.4935i	0.5351−0.0707i	−0.6403−0.4692i	−1.1444−0.4195i	0.4685+0.0955i	−0.4664−0.4289i
12.6	0.3770−0.2065i	−0.7066−0.1994i	−4.4633+0.6019i	0.5413−0.0917i	−0.6734−0.5539i	−1.1513−0.4151i	0.4785+0.1129i	−0.4840−0.5059i
12.7	0.3777−0.2394i	−0.7453−0.2428i	−4.7321+0.8850i	0.5425−0.1125i	−0.7260−0.6504i	−1.1481−0.4167i	0.4897+0.1368i	−0.5196−0.5990i
12.8	0.3525−0.2775i	−0.8254−0.2818i	−4.9776+1.2431i	0.5242−0.1346i	−0.8718−0.7502i	−1.1335−0.4057i	0.5218+0.1597i	−0.6371−0.6986i
12.9	0.3280−0.2915i	−0.8965−0.2937i	−5.1030+1.3846i	0.5099−0.1420i	−1.0006−0.7830i	−1.1199−0.3984i	0.5546+0.1705i	−0.7395−0.7390i
13.0	0.2726−0.2920i	−1.0265−0.2847i	−5.0855+1.4759i	0.4817−0.1417i	−1.2494−0.7732i	−1.1154−0.3829i	0.6172+0.1727i	−0.9544−0.7430i
13.1	0.2368−0.2847i	−1.1152−0.2663i	−5.2775+1.7055i	0.4608−0.1348i	−1.4130−0.7490i	−1.1058−0.3768i	0.6551+0.1721i	−1.1004−0.7286i
13.2	0.2232−0.2601i	−1.1929−0.2299i	−5.6142+1.6559i	0.4483−0.1205i	−1.5484−0.6805i	−1.0809−0.3586i	0.6901+0.1601i	−1.2147−0.6755i
13.3	0.2122−0.2262i	−1.2769−0.1811i	−5.9874+1.7809i	0.4445−0.0916i	−1.6879−0.5826i	−1.0554−0.3755i	0.7277+0.1482i	−1.3319−0.6009i
13.4	0.2107−0.1967i	−1.3331−0.1370i	−6.3443+1.8596i	0.4506−0.0675i	−1.7748−0.4856i	−1.0431−0.3997i	0.7516+0.1321i	−1.4041−0.5249i
13.5	0.2195−0.1614i	−1.3887−0.0869i	−6.8751+1.9997i	0.4600−0.0456i	−1.8339−0.3842i	−1.0550−0.3707i	0.7694+0.1142i	−1.4578−0.4423i
13.6	0.2468−0.1281i	−1.4700−0.0328i	−7.7256+2.2551i	0.4802−0.0237i	−1.8893−0.2824i	−1.0297−0.3528i	0.7877+0.0972i	−1.5139−0.3628i
13.7	0.2725−0.1033i	−1.5535+0.0271i	−8.5456+2.6873i	0.4968−0.0052i	−1.9458−0.2137i	−1.0074−0.3526i	0.8057+0.0898i	−1.5623−0.3038i
13.8	0.2954−0.0952i	−1.6401+0.0960i	−9.7044+3.0061i	0.5175−0.0013i	−2.0130−0.1727i	−0.9858−0.3229i	0.8274+0.0844i	−1.6212−0.2563i
13.9	0.3173−0.0804i	−1.6933+0.1687i	−10.5685+3.6226i	0.5313+0.0053i	−2.0769−0.1222i	−0.9490−0.2937i	0.8467+0.0828i	−1.6669−0.2014i
14.0	0.3524−0.0548i	−1.7707+0.2900i	−11.7366+4.7180i	0.5530+0.0249i	−2.1696−0.0403i	−0.8964−0.2579i	0.8782+0.0841i	−1.7264−0.1140i
14.1	0.3752−0.0461i	−1.8524+0.3857i	−12.9227+5.9651i	0.5661+0.0384i	−2.2726+0.0090i	−0.8484−0.2602i	0.9051+0.0874i	−1.8007−0.0678i
14.2	0.4194−0.0293i	−1.8877+0.5231i	−13.6060+7.5494i	0.5968+0.0558i	−2.3591+0.1044i	−0.7636−0.2472i	0.9499+0.0868i	−1.8467+0.0154i
14.3	0.4635−0.0021i	−1.9233+0.6584i	−14.3881+9.0073i	0.6326+0.0764i	−2.4518+0.2196i	−0.6479−0.2203i	0.9889+0.0801i	−1.8942+0.1109i
14.4	0.5088+0.0119i	−1.9740+0.7790i	−15.3775+10.5130i	0.6617+0.0904i	−2.5599+0.3134i	−0.5360−0.2264i	1.0314+0.0736i	−1.9571+0.1860i
14.5	0.5856+0.0192i	−2.0355+0.9666i	−16.6865+13.0035i	0.7123+0.1018i	−2.6946+0.4595i	−0.3731−0.2627i	1.0940+0.0624i	−2.0288+0.2979i
14.6	0.6607+0.0285i	−2.0721+1.1963i	−17.9908+16.2691i	0.7594+0.1177i	−2.8232+0.6268i	−0.1952−0.3055i	1.1468+0.0489i	−2.0999+0.4171i
14.7	0.7367+0.0149i	−1.9584+1.4064i	−17.1260+19.3267i	0.8124+0.1192i	−2.8519+0.7896i	−0.0163−0.4130i	1.1932+0.0296i	−2.0895+0.5299i
14.8	0.8441−0.0501i	−1.7219+1.5273i	−15.2197+21.3192i	0.8878+0.0892i	−2.8549+0.9212i	0.1947−0.5912i	1.2662−0.0068i	−2.0542+0.6095i
14.9	0.9140−0.1134i	−1.5979+1.4742i	−14.7886+21.0394i	0.9358+0.0475i	−2.8884+0.9999i	0.3399−0.7436i	1.3154−0.0554i	−2.0609+0.6432i
15.0	0.9916−0.1699i	−1.6222+1.3506i	−16.5073+21.4599i	0.9928+0.0206i	−2.9999+1.0065i	0.5840−0.9749i	1.3736−0.0777i	−2.1155+0.6256i
15.1	1.0654−0.2607i	−1.8262+1.2313i	−21.0315+22.7340i	1.0164−0.0226i	−3.3101+0.9482i	0.8931−1.3128i	1.4441−0.0941i	−2.3084+0.5692i
15.2	1.1222−0.3581i	−2.1515+1.3173i	−27.7261+26.4330i	1.0183−0.0598i	−3.7883+1.1547i	1.2133−1.7636i	1.5316−0.1542i	−2.6159+0.6902i
15.3	1.1687−0.4437i	−2.4754+1.5855i	−34.8403+33.2078i	1.0170−0.0691i	−4.2544+1.4942i	1.4887−2.2848i	1.6045−0.2061i	−2.9215+0.9013i
15.4	1.2031−0.5598i	−2.7824+2.0739i	−42.6207+46.4646i	0.9893−0.0546i	−4.7033+2.1226i	1.7455−3.0816i	1.6664−0.2826i	−3.2156+1.3005i
15.5	1.2478−0.7127i	−3.0254+2.8624i	−47.6421+69.4524i	1.0004+0.0112i	−5.1613+3.1831i	1.8348−4.3834i	1.7695−0.3939i	−3.5217+1.9772i
15.6	1.2627−0.9285i	−3.1848+4.0911i	−49.3240+104.6397i	1.0410+0.1269i	−5.5740+4.7785i	1.6837−6.3610i	1.8821−0.5421i	−3.7946+2.9965i
15.7	1.1855−1.1372i	−2.6307+5.2533i	−30.0082+137.2275i	1.1740+0.2171i	−5.0560+6.3424i	0.3802−8.0627i	1.9284−0.7094i	−3.4755+3.9981i
15.8	0.9107−1.3392i	−0.6647+6.3384i	32.8970+165.9094i	1.5107+0.2494i	−2.7884+8.0059i	−3.1771−9.2671i	1.8749−0.9658i	−2.0148+5.0817i
15.9	0.6146−1.3426i	1.4897+6.2126i	98.9803+161.7854i	1.8356+0.1674i	−0.2340+8.1590i	−6.6493−8.5404i	1.7576−1.0669i	−0.3606+5.1968i
16.0	0.4440−1.2331i	2.8330+5.1876i	143.4484+127.4779i	2.0581−0.0731i	1.4645+7.1231i	−8.7090−6.4766i	1.6932−1.1039i	0.7496+4.5243i
16.1	0.3983−1.0910i	3.5393+3.8717i	171.8014+83.5136i	2.2588−0.3405i	2.3059+5.7196i	−9.7847−4.0712i	1.7494−1.1141i	1.3105+3.6103i
16.2	0.4351−0.9463i	3.6350+3.1090i	180.3829+60.4454i	2.3706−0.4212i	2.3492+4.9178i	−9.9641−2.7833i	1.8473−1.0523i	1.3464+3.1026i
16.3	0.6559−0.8719i	3.5270+2.1962i	186.4827+22.0627i	2.6051−0.7232i	2.1596+4.1727i	−9.7459−1.0039i	2.0982−1.1952i	1.2601+2.6031i
16.4	0.8605−0.9801i	3.3135+1.6414i	184.7213−7.3396i	2.7569−1.0864i	1.8730+3.8621i	−9.3172+0.0311i	2.3056−1.4675i	1.1103+2.3665i
16.5	0.9493−1.2434i	3.1598+1.0559i	182.9628−47.9825i	2.8266−1.7157i	1.7771+3.7184i	−9.1957+1.3982i	2.4224−2.0039i	1.0690+2.2140i
16.6	0.8987−1.4647i	2.9709+0.6167i	171.0594−81.5378i	2.6586−2.2519i	1.8478+3.7062i	−8.8615+2.6756i	2.3103−2.5030i	1.1171+2.1447i
16.7	0.7195−1.7558i	2.5941+0.1677i	144.9793−118.6267i	2.2214−2.8756i	2.0843+3.7959i	−7.9026+4.1829i	1.9319−3.1370i	1.2274+2.1093i
16.8	0.4813−1.9308i	2.2296−0.0313i	118.5222−142.1190i	1.7591−3.2402i	2.4487+3.6721i	−6.9409+4.9833i	1.4583−3.4816i	1.3792+1.9811i
16.9	0.2010−2.0712i	1.9305−0.1410i	70.2295−166.9829i	1.0273−3.5949i	2.8309+3.2072i	−5.5473+5.9616i	0.7474−3.7519i	1.5417+1.6591i
17.0	−0.1376−1.9666i	1.6954−0.2116i	17.0434−156.1994i	0.1608−3.4416i	3.0861+2.7499i	−3.6808+6.3190i	−0.0578−3.5884i	1.6336+1.3929i
17.1	−0.2843−1.7931i	1.4658−0.1993i	−0.3799−131.4720i	−0.2109−3.0318i	3.1600+2.3838i	−2.3854+5.8298i	−0.4023−3.2245i	1.6325+1.1824i
17.2	−0.3925−1.6938i	1.3109−0.1143i	−14.0062−118.7262i	−0.4740−2.7521i	3.2331+1.8956i	−1.4663+5.1067i	−0.6768−2.9317i	1.6338+0.9044i
17.3	−0.4748−1.5876i	1.3257−0.0646i	−28.3374−104.9872i	−0.6977−2.4559i	3.0708+1.3383i	−0.9979+4.4077i	−0.8519−2.6047i	1.5199+0.5891i
17.4	−0.4823−1.5218i	1.3260−0.1568i	−34.1284−92.8228i	−0.7511−2.2024i	2.8073+1.0582i	−0.7498+3.8970i	−0.8640−2.4011i	1.3557+0.4100i
17.5	−0.5049−1.5062i	1.2907−0.2348i	−39.5687−83.4917i	−0.7780−2.0533i	2.5723+0.9207i	−0.6023+3.5545i	−0.9000−2.2970i	1.1934+0.3181i
17.6	−0.5892−1.5235i	1.2274−0.3271i	−44.7854−71.4847i	−0.8446−1.9345i	2.3318+0.8489i	−0.4434+3.1425i	−0.9920−2.1990i	1.0067+0.2703i
17.7	−0.7162−1.5267i	1.1590−0.4595i	−48.7756−59.2964i	−0.9515−1.8053i	2.1478+0.8148i	−0.3072+2.7374i	−1.1180−2.0925i	0.8604+0.2522i
17.8	−0.8224−1.5037i	1.0703−0.5670i	−49.6762−51.0659i	−1.0284−1.7046i	2.0489+0.8207i	−0.2494+2.5228i	−1.2102−2.0028i	0.7783+0.2603i
17.9	−0.9480−1.4308i	0.9294−0.6378i	−48.8995−43.0383i	−1.1044−1.5666i	1.9971+0.8132i	−0.2333+2.3026i	−1.3169−1.8706i	0.7139+0.2630i
18.0	−1.0283−1.2747i	0.7915−0.6501i	−45.1661−34.3821i	−1.1198−1.3593i	1.9398+0.7742i	−0.2622+2.0546i	−1.3625−1.6511i	0.6539+0.2639i
18.1	−1.1142−1.1177i	0.6696−0.6767i	−42.2744−28.0383i	−1.1586−1.1666i	1.8965+0.7567i	−0.2362+1.8657i	−1.4167−1.4529i	0.6020+0.2677i
18.2	−1.1817−0.9724i	0.5582−0.7189i	−40.1366−22.2061i	−1.1864−0.9793i	1.8847+0.7288i	−0.2229+1.6685i	−1.4681−1.2608i	0.5629+0.2638i

18.3	−1.1811−0.8550i	0.4557−0.7214i	−38.1742−19.1522i	−1.1514−0.8377i	1.8778+0.6852i	−0.2263+1.4998i	−1.4542−1.1131i	0.5357+0.2545i
18.4	−1.1551−0.7346i	0.3829−0.7363i	−35.8889−15.8915i	−1.0916−0.6873i	1.8376+0.6432i	−0.2629+1.2928i	−1.4106−0.9550i	0.4920+0.2463i
18.5	−1.1028−0.6223i	0.2278−0.8151i	−33.7003−12.1284i	−0.9770−0.5394i	1.8346+0.6418i	−0.4040+1.0415i	−1.3387−0.8044i	0.4583+0.2686i
18.6	−1.0664−0.5382i	−0.0244−0.8385i	−30.8797−7.8398i	−0.8500−0.4635i	1.8884+0.6138i	−0.7083+0.9498i	−1.2633−0.6861i	0.4609+0.2913i
18.7	−1.0552−0.4862i	−0.1688−0.7043i	−26.9625−6.3136i	−0.8167−0.4555i	1.9251+0.5220i	−0.7727+1.1375i	−1.2208−0.6291i	0.4806+0.2560i
18.8	−1.0255−0.4212i	−0.2307−0.5994i	−24.1369−6.1730i	−0.7912−0.4001i	1.9133+0.4375i	−0.6653+1.1655i	−1.1782−0.5599i	0.4671+0.2130i
18.9	−0.9926−0.3470i	−0.3037−0.4848i	−22.1957−6.5250i	−0.7394−0.3256i	1.8903+0.3528i	−0.6358+1.0536i	−1.1273−0.4776i	0.4295+0.1827i
19.0	−0.9572−0.2915i	−0.3440−0.3961i	−20.2075−6.3412i	−0.6759−0.2747i	1.8487+0.2826i	−0.7043+0.9748i	−1.0633−0.4128i	0.3895+0.1640i
19.1	−0.9170−0.2568i	−0.3700−0.3192i	−19.3580−6.5447i	−0.6142−0.2469i	1.8328+0.2294i	−0.7634+0.9575i	−1.0111−0.3769i	0.3600+0.1544i
19.2	−0.8645−0.2000i	−0.3941−0.2188i	−18.5040−6.4021i	−0.5391−0.2056i	1.8043+0.1340i	−0.8145+0.9540i	−0.9467−0.3148i	0.3161+0.1418i
19.3	−0.8339−0.1646i	−0.4008−0.1627i	−17.9882−6.1071i	−0.4917−0.1771i	1.7679+0.0806i	−0.8586+0.9415i	−0.9022−0.2733i	0.2784+0.1381i
19.4	−0.8069−0.1401i	−0.4096−0.1312i	−17.5094−5.7671i	−0.4455−0.1584i	1.7468+0.0369i	−0.8982+0.9553i	−0.8648−0.2450i	0.2526+0.1359i
19.5	−0.7610−0.1078i	−0.4135−0.0795i	−16.7131−5.2629i	−0.3829−0.1471i	1.7071−0.0399i	−0.9292+1.0132i	−0.8056−0.2098i	0.2177+0.1390i
19.6	−0.7331−0.0883i	−0.4216−0.0251i	−16.3898−4.9114i	−0.3428−0.1454i	1.6643−0.1103i	−0.9202+1.0468i	−0.7666−0.1864i	0.1916+0.1462i
19.7	−0.6989−0.0598i	−0.4310+0.0213i	−15.8755−4.8939i	−0.3008−0.1304i	1.5964−0.1553i	−0.8751+1.0784i	−0.7193−0.1624i	0.1627+0.1607i
19.8	−0.6607−0.0349i	−0.4436+0.0718i	−15.3673−4.7929i	−0.2493−0.1202i	1.5544−0.1962i	−0.8322+1.0906i	−0.6736−0.1410i	0.1444+0.1701i
19.9	−0.6299−0.0223i	−0.4619+0.1265i	−15.1676−4.6844i	−0.2032−0.1245i	1.5247−0.2342i	−0.7904+1.0743i	−0.6384−0.1291i	0.1288+0.1753i
20.0	−0.5867−0.0254i	−0.4557+0.1702i	−15.0771−4.1809i	−0.1474−0.1359i	1.4804−0.2473i	−0.7718+1.0013i	−0.5918−0.1275i	0.1162+0.1746i
20.1	−0.5582−0.0318i	−0.4294+0.1850i	−14.5671−4.1360i	−0.1156−0.1500i	1.4260−0.2296i	−0.7692+0.9372i	−0.5497−0.1368i	0.0961+0.1852i
20.2	−0.5420−0.0313i	−0.4180+0.1903i	−14.4161−4.0352i	−0.0845−0.1501i	1.3951−0.1979i	−0.8034+0.8718i	−0.5171−0.1402i	0.0721+0.1983i
20.3	−0.5300−0.0248i	−0.4327+0.2064i	−14.2559−3.8561i	−0.0433−0.1568i	1.4065−0.2071i	−0.8708+0.8618i	−0.4908−0.1388i	0.0459+0.2104i
20.4	−0.5073−0.0206i	−0.4611+0.2319i	−13.8407−3.6211i	0.0132−0.1700i	1.4136−0.2219i	−0.9370+0.8571i	−0.4537−0.1397i	0.0159+0.2219i
20.5	−0.4926+0.0016i	−0.4977+0.2578i	−13.7916−3.2437i	0.0646−0.1706i	1.4473−0.2232i	−0.9948+0.8681i	−0.4299−0.1302i	−0.0138+0.2434i
20.6	−0.4761+0.0004i	−0.5254+0.3058i	−13.5804−2.8751i	0.1106−0.2148i	1.4805−0.2648i	−1.0333+0.9115i	−0.4069−0.1457i	−0.0392+0.2711i
20.7	−0.4620−0.0055i	−0.5680+0.3808i	−13.6133−2.4059i	0.1618−0.2788i	1.5446−0.3355i	−1.0919+0.9686i	−0.3907−0.1670i	−0.0640+0.3140i
20.8	−0.4550+0.0034i	−0.5925+0.4630i	−13.4462−1.9203i	0.1888−0.3281i	1.5681−0.4277i	−1.1170+0.9986i	−0.3808−0.1670i	−0.0817+0.3633i
20.9	−0.4437+0.0202i	−0.6011+0.5635i	−13.3275−1.5973i	0.2046−0.3834i	1.5735−0.5222i	−1.1414+1.1034i	−0.3654−0.1725i	−0.0833+0.4212i
21.0	−0.4364+0.0460i	−0.6099+0.7200i	−12.9033−0.8501i	0.2244−0.4772i	1.5967−0.7056i	−1.1465+1.2793i	−0.3586−0.1800i	−0.0858+0.4999i
21.1	−0.4240+0.0597i	−0.5572+0.8472i	−12.5172−0.4420i	0.2040−0.5559i	1.5429−0.8611i	−1.1184+1.3559i	−0.3535−0.1825i	−0.0542+0.5713i
21.2	−0.3910+0.0757i	−0.4397+0.9682i	−11.9919−0.1346i	0.1584−0.6262i	1.4192−0.9901i	−1.0725+1.4446i	−0.3371−0.1900i	0.0219+0.6269i
21.3	−0.3667+0.0976i	−0.3270+1.0438i	−11.4337+0.3404i	0.1091−0.6631i	1.3011−1.0969i	−0.9988+1.5081i	−0.3328−0.1820i	0.0948+0.6581i
21.4	−0.3279+0.0990i	−0.1326+1.0904i	−10.9878+0.5076i	0.0198−0.7037i	1.1010−1.1571i	−0.8217+1.5753i	−0.3321−0.1937i	0.2012+0.6669i
21.5	−0.2943+0.1102i	0.0198+1.1162i	−10.6158+0.6689i	−0.0457−0.7227i	0.9528−1.2109i	−0.6922+1.6024i	−0.3275−0.1895i	0.2855+0.6818i
21.6	−0.2637+0.0837i	0.1442+1.0501i	−10.3894+0.7390i	−0.1003−0.7200i	0.8385−1.1691i	−0.5511+1.5522i	−0.3289−0.2061i	0.3567+0.6386i
21.7	−0.2317+0.0580i	0.2440+0.9561i	−9.9211+0.6738i	−0.1486−0.6961i	0.7326−1.0957i	−0.4299+1.5068i	−0.3253−0.2196i	0.4201+0.5678i
21.8	−0.2229+0.0446i	0.3113+0.8840i	−9.5694+0.3627i	−0.2024−0.6714i	0.6562−1.0329i	−0.3117+1.4669i	−0.3431−0.2249i	0.4545+0.5180i
21.9	−0.2354+0.0238i	0.3806+0.8067i	−9.3716+0.3177i	−0.2708−0.6452i	0.5814−1.0050i	−0.2549+1.3543i	−0.3776−0.2186i	0.4976+0.4520i
22.0	−0.2229+0.0118i	0.4235+0.7408i	−9.2381+0.3238i	−0.2964−0.6150i	0.5471−0.9652i	−0.1910+1.2868i	−0.3807−0.2119i	0.5235+0.4015i
22.1	−0.2212+0.0049i	0.4540+0.6708i	−8.9743+0.5454i	−0.3233−0.5821i	0.5023−0.9312i	−0.1670+1.1529i	−0.3883−0.1957i	0.5389+0.3588i
22.2	−0.2255−0.0067i	0.4593+0.6034i	−8.9285+0.5886i	−0.3414−0.5467i	0.4841−0.8987i	−0.1773+1.0564i	−0.3979−0.1824i	0.5450+0.3057i
22.3	−0.2249+0.0007i	0.4622+0.5588i	−8.6498+0.6850i	−0.3505−0.5086i	0.4769−0.8642i	−0.2263+1.0043i	−0.3999−0.1623i	0.5578+0.2748i
22.4	−0.2257−0.0040i	0.4558+0.5087i	−8.5175+0.8299i	−0.3527−0.4755i	0.4827−0.8467i	−0.2662+0.9289i	−0.4020−0.1467i	0.5603+0.2311i
22.5	−0.2066−0.0073i	0.4674+0.4646i	−8.3086+0.8758i	−0.3451−0.4452i	0.4721−0.8378i	−0.2934+0.8858i	−0.3860−0.1323i	0.5794+0.1816i
22.6	−0.2113−0.0142i	0.4731+0.4150i	−8.2294+1.0119i	−0.3500−0.4212i	0.4773−0.8587i	−0.3449+0.8560i	−0.3927−0.1188i	0.5896+0.1146i
22.7	−0.2160−0.0038i	0.4726+0.3866i	−8.2895+1.2210i	−0.3576−0.3887i	0.4794−0.8925i	−0.3981+0.8777i	−0.3976−0.0888i	0.6024+0.0503i
22.8	−0.2008−0.0159i	0.4600+0.3794i	−8.2779+1.0653i	−0.3413−0.3908i	0.5255−0.9446i	−0.3900+0.8761i	−0.3892−0.0914i	0.6158−0.0081i
22.9	−0.2030−0.0214i	0.4239+0.3523i	−8.0556+1.1326i	−0.3164−0.3834i	0.5710−1.0275i	−0.4638+0.8771i	−0.3846−0.0783i	0.6043−0.0892i
23.0	−0.1984−0.0210i	0.3975+0.3337i	−7.7220+1.4119i	−0.2975−0.3698i	0.5662−1.1844i	−0.5304+0.8906i	−0.3700−0.0442i	0.5822−0.1999i
23.1	−0.2016−0.0326i	0.3977+0.3361i	−7.5573+1.5925i	−0.3016−0.3865i	0.4416−1.3733i	−0.4990+0.9061i	−0.3589−0.0294i	0.5042−0.2974i
23.2	−0.2093−0.0303i	0.4204+0.3455i	−7.1772+1.8916i	−0.3236−0.3884i	0.1972−1.5536i	−0.4796+0.9792i	−0.3393−0.0062i	0.3810−0.4189i
23.3	−0.2134−0.0191i	0.4603+0.3357i	−6.7273+2.0868i	−0.3599−0.3703i	−0.1208−1.6667i	−0.4393+1.0383i	−0.3146+0.0208i	0.2323−0.5150i
23.4	−0.2109−0.0102i	0.5025+0.3230i	−6.3485+2.1574i	−0.3843−0.3648i	−0.4686−1.6215i	−0.3921+1.0922i	−0.2828+0.0220i	0.0595−0.4985i
23.5	−0.2010−0.0112i	0.5404+0.2673i	−5.8415+1.8651i	−0.3982−0.3278i	−0.7658−1.3599i	−0.3245+1.0122i	−0.2526+0.0110i	−0.0935−0.3987i
23.6	−0.2019−0.0096i	0.5397+0.2112i	−5.5637+1.5536i	−0.4017−0.2872i	−0.8890−1.1117i	−0.3038+0.9223i	−0.2404+0.0060i	−0.1681−0.3045i
23.7	−0.1970−0.0035i	0.5485+0.1344i	−5.5208+1.1755i	−0.3941−0.2457i	−0.9837−0.7635i	−0.3357+0.9395i	−0.2199−0.0093i	−0.2304−0.1622i
23.8	−0.1912−0.0013i	0.5329+0.0914i	−5.5166+1.0879i	−0.3817−0.2249i	−0.9605−0.5704i	−0.3335+0.9619i	−0.2117−0.0182i	−0.2350−0.0834i
23.9	−0.1951+0.0072i	0.4840+0.0331i	−5.4965+0.9799i	−0.3631−0.1902i	−0.8632−0.3500i	−0.3246+0.9669i	−0.2133−0.0212i	−0.2191−0.0049i
24.0	−0.1826+0.0118i	0.4362+0.0057i	−5.4935+0.8022i	−0.3285−0.1735i	−0.7443−0.2348i	−0.3502+0.9810i	−0.1982−0.0226i	−0.1844+0.0379i
24.1	−0.1807+0.0121i	0.4125−0.0125i	−5.4986+0.7000i	−0.3207−0.1612i	−0.6725−0.1689i	−0.3302+0.9343i	−0.2004−0.0184i	−0.1633+0.0641i
24.2	−0.1794+0.0142i	0.3817−0.0414i	−5.5040+0.6796i	−0.3114−0.1448i	−0.5862−0.0961i	−0.2906+0.9352i	−0.1997−0.0183i	−0.1420+0.0841i
24.3	−0.1657+0.0121i	0.3268−0.0543i	−5.3770+0.5865i	−0.2748−0.1423i	−0.4846−0.0629i	−0.2960+0.9202i	−0.1796−0.0221i	−0.1178+0.1020i
24.4	−0.1574+0.0098i	0.3182−0.0586i	−5.3963+0.5186i	−0.2703−0.1394i	−0.4621−0.0444i	−0.2632+0.9339i	−0.1790−0.0230i	−0.1123+0.1079i
24.5	−0.1656+0.0134i	0.2985−0.0586i	−5.5785+0.6016i	−0.2765−0.1353i	−0.4292−0.0296i	−0.2614+0.9503i	−0.1874−0.0234i	−0.0975+0.1136i

24.6	-0.1613+0.0265i	0.2786-0.0502i	-5.6293+0.6385i	-0.2638-0.1271i	-0.3809-0.0133i	-0.2539+0.9983i	-0.1789-0.0231i	-0.0822+0.1200i
24.7	-0.1487+0.0377i	0.2628-0.0344i	-5.6597+0.6729i	-0.2537-0.1253i	-0.3453-0.0166i	-0.2273+1.0202i	-0.1695-0.0240i	-0.0705+0.1270i
24.8	-0.1359+0.0317i	0.2381-0.0393i	-5.6024+0.5635i	-0.2372-0.1217i	-0.2986-0.0097i	-0.1808+0.9803i	-0.1609-0.0277i	-0.0631+0.1208i
24.9	-0.1232+0.0360i	0.2182-0.0467i	-5.3953+0.6147i	-0.2223-0.1132i	-0.2753+0.0061i	-0.1297+0.9816i	-0.1518-0.0252i	-0.0600+0.1209i
25.0	-0.1144+0.0362i	0.1973-0.0471i	-5.2750+0.6591i	-0.2134-0.1102i	-0.2492+0.0117i	-0.0656+0.9691i	-0.1494-0.0314i	-0.0636+0.1187i
25.1	-0.1128+0.0374i	0.1795-0.0460i	-5.3039+0.5838i	-0.2058-0.1033i	-0.2229+0.0166i	-0.0433+0.9464i	-0.1486-0.0327i	-0.0665+0.1148i
25.2	-0.1032+0.0396i	0.1819-0.0505i	-5.3418+0.6311i	-0.1970-0.0942i	-0.2143+0.0216i	-0.0112+0.9289i	-0.1442-0.0283i	-0.0710+0.1140i
25.3	-0.0961+0.0429i	0.1719-0.0439i	-5.2989+0.6615i	-0.1865-0.0891i	-0.1996+0.0208i	0.0035+0.8882i	-0.1390-0.0248i	-0.0722+0.1224i
25.4	-0.0874+0.0348i	0.1497-0.0426i	-5.2232+0.6459i	-0.1744-0.0852i	-0.1909+0.0183i	0.0304+0.8081i	-0.1367-0.0276i	-0.0790+0.1150i
25.5	-0.0802+0.0307i	0.1485-0.0466i	-5.2861+0.7556i	-0.1694-0.0871i	-0.1874+0.0243i	0.0514+0.7766i	-0.1371-0.0280i	-0.0882+0.1156i
25.6	-0.0760+0.0276i	0.1466-0.0522i	-5.3925+0.8803i	-0.1637-0.0856i	-0.1801+0.0273i	0.0591+0.7414i	-0.1392-0.0289i	-0.0994+0.1210i
25.7	-0.0676+0.0225i	0.1293-0.0712i	-5.1509+0.9331i	-0.1530-0.0730i	-0.1635+0.0404i	0.0805+0.6807i	-0.1340-0.0232i	-0.1046+0.1189i
25.8	-0.0682+0.0186i	0.1095-0.0699i	-5.2434+0.8749i	-0.1471-0.0693i	-0.1579+0.0432i	0.0575+0.6229i	-0.1344-0.0216i	-0.1150+0.1247i
25.9	-0.0694+0.0182i	0.1024-0.0680i	-5.2861+0.9716i	-0.1406-0.0684i	-0.1553+0.0511i	0.0274+0.5946i	-0.1328-0.0189i	-0.1247+0.1351i
26.0	-0.0725+0.0206i	0.0874-0.0635i	-5.2580+1.0804i	-0.1290-0.0647i	-0.1508+0.0635i	-0.0297+0.5841i	-0.1301-0.0159i	-0.1391+0.1480i
26.1	-0.0645+0.0181i	0.0751-0.0559i	-5.1419+1.0123i	-0.1203-0.0637i	-0.1474+0.0658i	-0.0487+0.5570i	-0.1245-0.0169i	-0.1506+0.1539i
26.2	-0.0605+0.0199i	0.0551-0.0635i	-5.2018+1.0309i	-0.1081-0.0650i	-0.1349+0.0827i	-0.0751+0.5696i	-0.1203-0.0178i	-0.1527+0.1732i
26.3	-0.0523+0.0250i	0.0448-0.0610i	-5.1480+1.1482i	-0.0983-0.0639i	-0.1264+0.0980i	-0.0793+0.5837i	-0.1153-0.0146i	-0.1575+0.1880i
26.4	-0.0499+0.0257i	0.0322-0.0673i	-5.0056+1.1913i	-0.0872-0.0605i	-0.1177+0.1099i	-0.0737+0.5747i	-0.1137-0.0083i	-0.1703+0.2062i
26.5	-0.0432+0.0323i	0.0164-0.0647i	-5.0648+1.2924i	-0.0791-0.0541i	-0.1094+0.1232i	-0.0694+0.5802i	-0.1131-0.0002i	-0.1742+0.2257i
26.6	-0.0352+0.0378i	0.0025-0.0571i	-5.2152+1.3413i	-0.0706-0.0565i	-0.0997+0.1366i	-0.0774+0.6090i	-0.1119+0.0013i	-0.1761+0.2533i
26.7	-0.0246+0.0377i	-0.0102-0.0540i	-5.2231+1.4355i	-0.0621-0.0569i	-0.0850+0.1578i	-0.0727+0.6124i	-0.1074+0.0036i	-0.1702+0.2841i
26.8	-0.0099+0.0339i	-0.0308-0.0451i	-5.0032+1.4786i	-0.0474-0.0595i	-0.0592+0.1715i	-0.0618+0.6053i	-0.0964+0.0071i	-0.1541+0.3076i
26.9	0.0025+0.0297i	-0.0453-0.0304i	-5.0448+1.4794i	-0.0352-0.0634i	-0.0325+0.1798i	-0.0589+0.6009i	-0.0914+0.0094i	-0.1406+0.3242i
27.0	0.0118+0.0251i	-0.0530-0.0153i	-5.0999+1.6459i	-0.0276-0.0670i	0.0003+0.1835i	-0.0308+0.6016i	-0.0877+0.0123i	-0.1141+0.3428i
27.1	0.0216+0.0141i	-0.0631+0.0016i	-5.0639+1.6958i	-0.0141-0.0724i	0.0268+0.1920i	-0.0272+0.5976i	-0.0825+0.0142i	-0.1008+0.3633i
27.2	0.0256+0.0120i	-0.0701+0.0104i	-4.9934+1.8276i	-0.0115-0.0797i	0.0663+0.1994i	-0.0083+0.6093i	-0.0829+0.0161i	-0.0732+0.3896i
27.3	0.0337+0.0057i	-0.0746+0.0217i	-4.6990+1.9371i	-0.0034-0.0802i	0.1151+0.1762i	0.0550+0.5762i	-0.0704+0.0230i	-0.0229+0.3829i
27.4	0.0448-0.0056i	-0.0821+0.0369i	-4.5224+2.1599i	0.0056-0.0845i	0.1583+0.1373i	0.0789+0.5364i	-0.0551+0.0272i	0.0300+0.3634i
27.5	0.0461-0.0210i	-0.0814+0.0563i	-4.3002+2.4402i	0.0042-0.0953i	0.1811+0.0890i	0.1047+0.5313i	-0.0499+0.0283i	0.0572+0.3418i
27.6	0.0544-0.0288i	-0.0818+0.0768i	-4.2740+2.4209i	0.0057-0.1000i	0.1932+0.0506i	0.1344+0.5146i	-0.0434+0.0302i	0.0755+0.3264i
27.7	0.0529-0.0420i	-0.0761+0.0957i	-4.0860+2.5021i	0.0025-0.1122i	0.1905+0.0131i	0.1499+0.4823i	-0.0374+0.0283i	0.0921+0.3143i
27.8	0.0494-0.0584i	-0.0635+0.1032i	-3.5857+2.5189i	0.0039-0.1149i	0.1698-0.0279i	0.1751+0.4101i	-0.0278+0.0266i	0.1000+0.2771i
27.9	0.0425-0.0641i	-0.0532+0.1023i	-3.4417+2.6077i	-0.0010-0.1123i	0.1529-0.0558i	0.1931+0.3570i	-0.0206+0.0273i	0.1100+0.2440i
28.0	0.0348-0.0704i	-0.0349+0.1130i	-3.1879+2.7049i	-0.0017-0.1182i	0.1089-0.0750i	0.1772+0.3211i	-0.0104+0.0224i	0.1029+0.2267i
28.1	0.0270-0.0635i	-0.0359+0.1144i	-2.8940+2.2140i	0.0001-0.1053i	0.0804-0.0738i	0.1589+0.2738i	-0.0020+0.0225i	0.0877+0.2034i
28.2	0.0236-0.0656i	-0.0217+0.1101i	-2.8406+2.0530i	0.0008-0.1027i	0.0589-0.0725i	0.1529+0.2446i	0.0016+0.0167i	0.0767+0.1879i
28.3	0.0191-0.0665i	-0.0136+0.1106i	-2.7091+1.8447i	0.0044-0.0988i	0.0447-0.0727i	0.1230+0.2075i	0.0106+0.0132i	0.0746+0.1737i
28.4	0.0203-0.0622i	-0.0094+0.1145i	-2.6765+1.8051i	0.0044-0.0982i	0.0345-0.0654i	0.1352+0.1936i	0.0138+0.0103i	0.0665+0.1698i
28.5	0.0199-0.0601i	-0.0132+0.1133i	-2.6181+1.5690i	0.0073-0.1026i	0.0227-0.0511i	0.1051+0.1653i	0.0137+0.0052i	0.0496+0.1719i
28.6	0.0233-0.0597i	-0.0200+0.1067i	-2.4921+1.3874i	0.0135-0.0987i	0.0189-0.0348i	0.0851+0.1388i	0.0195+0.0058i	0.0463+0.1741i
28.7	0.0248-0.0595i	-0.0171+0.1073i	-2.4971+1.3418i	0.0209-0.1012i	0.0188-0.0292i	0.0524+0.1243i	0.0274+0.0014i	0.0402+0.1744i
28.8	0.0253-0.0557i	-0.0155+0.1071i	-2.5826+1.3310i	0.0242-0.0949i	0.0127-0.0304i	0.0151+0.1092i	0.0281-0.0008i	0.0324+0.1587i
28.9	0.0314-0.0524i	-0.0101+0.1057i	-2.7294+1.0427i	0.0327-0.0866i	0.0062-0.0363i	0.0421+0.0870i	0.0278-0.0020i	0.0136+0.1308i
29.0	0.0457-0.0520i	-0.0251+0.0981i	-2.7966+0.8875i	0.0518-0.0846i	0.0085-0.0299i	0.0231+0.0617i	0.0371-0.0051i	-0.0094+0.1277i
29.1	0.0336-0.0562i	-0.0227+0.1004i	-2.7308+0.8615i	0.0473-0.0925i	0.0032-0.0348i	-0.0273+0.0443i	0.0350-0.0138i	-0.0079+0.1290i
29.2	0.0407-0.0553i	-0.0218+0.0937i	-2.6984+0.8649i	0.0573-0.0842i	0.0014-0.0271i	-0.0366+0.0266i	0.0391-0.0133i	-0.0144+0.1201i
29.3	0.0582-0.0583i	-0.0325+0.0901i	-2.7629+0.8800i	0.0754-0.0835i	-0.0012-0.0200i	-0.0387+0.0066i	0.0473-0.0135i	-0.0340+0.1189i
29.4	0.0696-0.0657i	-0.0437+0.0989i	-2.7065+0.8146i	0.0931-0.0906i	0.0046-0.0199i	-0.0319-0.0132i	0.0500-0.0216i	-0.0547+0.1296i
29.5	0.0698-0.0605i	-0.0509+0.0877i	-2.8218+0.6602i	0.0989-0.0838i	0.0057-0.0158i	-0.0636-0.0227i	0.0557-0.0153i	-0.0558+0.1274i
29.6	0.0720-0.0617i	-0.0637+0.0834i	-2.8884+0.6814i	0.1101-0.0796i	0.0104-0.0084i	-0.0978-0.0602i	0.0649-0.0130i	-0.0622+0.1310i
29.7	0.0638-0.0675i	-0.0658+0.0959i	-2.8769+0.6331i	0.1131-0.0945i	0.0016-0.0082i	-0.1536-0.0496i	0.0620-0.0201i	-0.0801+0.1426i
29.8	0.0686-0.0754i	-0.0739+0.1102i	-2.8758+0.5608i	0.1213-0.0993i	-0.0031-0.0137i	-0.1586-0.0645i	0.0623-0.0246i	-0.0995+0.1393i
29.9	0.0719-0.0779i	-0.0916+0.1079i	-2.8526+0.6297i	0.1315-0.0990i	-0.0049-0.0175i	-0.1741-0.0833i	0.0632-0.0281i	-0.1220+0.1295i
30.0	0.0745-0.0716i	-0.1084+0.1081i	-2.9111+0.5921i	0.1332-0.1007i	0.0026-0.0051i	-0.1737-0.0695i	0.0646-0.0285i	-0.1248+0.1395i
30.1	0.0802-0.0774i	-0.0781+0.1008i	-2.8434+0.6918i	0.1410-0.1011i	-0.0046-0.0037i	-0.1739-0.0999i	0.0685-0.0271i	-0.1338+0.1388i
30.2	0.0810-0.0856i	-0.0783+0.1320i	-2.9158+0.6361i	0.1549-0.1147i	-0.0212-0.0085i	-0.2146-0.1353i	0.0678-0.0287i	-0.1680+0.1623i
30.3	0.0741-0.0841i	-0.1118+0.1401i	-2.7399+0.5446i	0.1651-0.1152i	-0.0188-0.0095i	-0.2731-0.1319i	0.0677-0.0263i	-0.1850+0.1668i
30.4	0.0925-0.0971i	-0.1188+0.1535i	-2.8366+0.5599i	0.1826-0.1299i	-0.0087-0.0013i	-0.2594-0.1483i	0.0757-0.0312i	-0.1905+0.1956i
30.5	0.1094-0.1014i	-0.1132+0.1609i	-2.8584+0.5120i	0.1965-0.1323i	-0.0138+0.0033i	-0.2339-0.1780i	0.0814-0.0273i	-0.2008+0.2048i
30.6	0.1162-0.1051i	-0.1106+0.1795i	-2.9474+0.4576i	0.2115-0.1353i	-0.0159-0.0032i	-0.2478-0.2102i	0.0886-0.0238i	-0.2156+0.2097i
30.7	0.1130-0.1084i	-0.1189+0.1819i	-2.8947+0.4041i	0.2183-0.1438i	-0.0172-0.0133i	-0.2971-0.2037i	0.0943-0.0348i	-0.2190+0.2027i
30.8	0.1110-0.1274i	-0.1359+0.2148i	-2.9385+0.5072i	0.2255-0.1723i	-0.0221-0.0101i	-0.3325-0.2397i	0.0943-0.0467i	-0.2350+0.2389i

30.9	0.1011−0.1256i	−0.1174+0.2590i	−2.8535+0.5651i	0.2182−0.1909i	−0.0290−0.0029i	−0.3845−0.2209i	0.0916−0.0464i	−0.2335+0.2879i
31.0	0.1013−0.1349i	−0.1364+0.2854i	−2.8667+0.5570i	0.2388−0.2126i	−0.0345+0.0155i	−0.4267−0.2700i	0.0948−0.0380i	−0.2796+0.3575i
31.1	0.1074−0.1492i	−0.0989+0.2914i	−2.8971+0.4614i	0.2385−0.2278i	−0.0591+0.0153i	−0.4172−0.3031i	0.0910−0.0424i	−0.2940+0.3797i
31.2	0.0990−0.1505i	−0.0841+0.3072i	−2.8410+0.3092i	0.2295−0.2351i	−0.0605+0.0123i	−0.4446−0.3112i	0.0884−0.0460i	−0.2847+0.3881i
31.3	0.1143−0.1430i	−0.0944+0.3305i	−2.9357+0.3173i	0.2454−0.2397i	−0.0582+0.0261i	−0.4254−0.3113i	0.0981−0.0341i	−0.2927+0.4298i
31.4	0.1236−0.1362i	−0.0854+0.3267i	−2.8832+0.3029i	0.2556−0.2543i	−0.0519+0.0646i	−0.4376−0.2839i	0.1037−0.0160i	−0.2882+0.5193i
31.5	0.1179−0.1395i	−0.0715+0.3681i	−2.8290+0.2509i	0.2569−0.2716i	−0.0441+0.0497i	−0.5384−0.2732i	0.1109−0.0247i	−0.2603+0.5270i
31.6	0.1214−0.1376i	−0.0792+0.3871i	−2.8948+0.1564i	0.2588−0.2853i	−0.0436+0.0644i	−0.5605−0.2468i	0.1140−0.0198i	−0.2552+0.5745i
31.7	0.1177−0.1535i	−0.0305+0.4137i	−3.1250+0.1296i	0.2537−0.3211i	−0.0588+0.0867i	−0.6161−0.2865i	0.1113−0.0154i	−0.2465+0.6702i
31.8	0.1231−0.1849i	0.0594+0.4584i	−3.1615+0.2576i	0.2250−0.3638i	−0.0366+0.0897i	−0.6321−0.3752i	0.1362−0.0225i	−0.1205+0.7327i
31.9	0.1178−0.1626i	0.1030+0.4771i	−3.1548+0.0574i	0.2078−0.3531i	−0.0300+0.0732i	−0.6888−0.2790i	0.1369−0.0230i	−0.0758+0.7107i
32.0	0.1178−0.1597i	0.0952+0.5036i	−3.1300−0.1427i	0.2084−0.3720i	0.0032+0.0989i	−0.7697−0.3070i	0.1581−0.0029i	−0.0124+0.7935i
32.1	0.1180−0.1735i	0.1679+0.4485i	−3.3179+0.0212i	0.1775−0.3832i	0.0382+0.1233i	−0.8357−0.2928i	0.1874−0.0030i	0.1433+0.8219i
32.2	0.1302−0.1677i	0.1664+0.4467i	−3.3112−0.0317i	0.1832−0.3857i	0.0522+0.1268i	−0.8325−0.2678i	0.2040+0.0060i	0.1701+0.8429i
32.3	0.1145−0.1772i	0.2235+0.3788i	−3.3267+0.0944i	0.1282−0.3652i	0.0829+0.1009i	−0.8749−0.2288i	0.2277−0.0234i	0.3285+0.7131i
32.4	0.1119−0.1880i	0.2915+0.3820i	−3.6453+0.0615i	0.0940−0.3725i	0.1189+0.0655i	−0.9861−0.1877i	0.2500−0.0507i	0.4873+0.6442i
32.5	0.1226−0.1791i	0.3135+0.3619i	−3.6989+0.1122i	0.0766−0.3480i	0.1436+0.0259i	−0.9868−0.1112i	0.2739−0.0795i	0.5861+0.5137i
32.6	0.1214−0.1849i	0.3333+0.3240i	−3.5768+0.2444i	0.0645−0.3435i	0.1407+0.0149i	−1.0130−0.0289i	0.2816−0.1005i	0.6241+0.4426i
32.7	0.1171−0.1993i	0.3364+0.2542i	−3.6015+0.3799i	0.0657−0.3120i	0.1151−0.0306i	−1.0104−0.0208i	0.2660−0.1412i	0.5750+0.2692i
32.8	0.1194−0.1931i	0.3316+0.1955i	−3.6738+0.6044i	0.0581−0.2882i	0.1067−0.0381i	−0.9438+0.0367i	0.2604−0.1515i	0.5629+0.1887i
32.9	0.1253−0.1905i	0.3151+0.1832i	−3.6308+0.4059i	0.0681−0.2696i	0.1067−0.0499i	−0.9381+0.0285i	0.2661−0.1590i	0.5505+0.1331i
33.0	0.1396−0.1932i	0.3259+0.1856i	−3.7883+0.5448i	0.0835−0.2651i	0.0767−0.0594i	−0.9094+0.0259i	0.2551−0.1644i	0.4912+0.1041i
33.1	0.1420−0.1999i	0.3282+0.1387i	−3.9142+0.8945i	0.1142−0.2568i	0.0281−0.0633i	−0.9565+0.0642i	0.2339−0.1742i	0.3674+0.0522i
33.2	0.1294−0.2125i	0.2685+0.0820i	−3.6066+1.0392i	0.1013−0.2371i	0.0470−0.0548i	−0.8746+0.0338i	0.2297−0.1847i	0.3667−0.0050i
33.3	0.1430−0.2328i	0.2422+0.0744i	−3.5112+0.9099i	0.1177−0.2431i	0.0506−0.0562i	−0.8450−0.0106i	0.2360−0.2023i	0.3583−0.0230i
33.4	0.1227−0.2205i	0.2509+0.0602i	−3.5021+0.9666i	0.1234−0.2263i	0.0279−0.0616i	−0.9002+0.0189i	0.2100−0.1956i	0.2816−0.0538i
33.5	0.1221−0.2156i	0.2116+0.0862i	−3.2792+0.7792i	0.1670−0.2242i	0.0022−0.0552i	−0.9462−0.0357i	0.1873−0.1778i	0.1490−0.0110i
33.6	0.1320−0.2227i	0.1472+0.0693i	−2.9622+0.7614i	0.1806−0.2216i	0.0176−0.0336i	−0.8778−0.1096i	0.2006−0.1612i	0.1534+0.0314i
33.7	0.1042−0.2365i	0.1539+0.0551i	−3.1394+0.8987i	0.1914−0.2095i	−0.0043−0.0559i	−0.9858−0.1182i	0.1690−0.1962i	0.0526−0.0769i
33.8	0.0754−0.2397i	0.1581+0.0685i	−3.3676+0.6946i	0.1893−0.2176i	−0.0153−0.0604i	−1.1131−0.0840i	0.1506−0.2030i	0.0217−0.0829i
33.9	0.1216−0.2069i	0.1345+0.0829i	−3.2935+0.7118i	0.2343−0.2166i	−0.0200−0.0327i	−1.0759−0.0536i	0.1786−0.1533i	0.0020+0.0374i
34.0	0.1294−0.2034i	0.1170+0.0784i	−3.0808+0.7755i	0.2240−0.2194i	−0.0072−0.0301i	−0.9827−0.0240i	0.1860−0.1638i	0.0364+0.0164i
34.1	0.1121−0.1851i	0.1386+0.0406i	−3.1916+0.8828i	0.1969−0.2476i	−0.0186−0.0013i	−0.9581+0.1991i	0.1818−0.1335i	0.0609+0.1054i
34.2	0.1542−0.1898i	0.1244+0.0551i	−3.0892+0.6464i	0.2246−0.2478i	−0.0057−0.0034i	−0.9257+0.1350i	0.2323−0.1254i	0.1171+0.1102i
34.3	0.1623−0.1853i	0.1100+0.0722i	−3.1724+0.5666i	0.2653−0.2462i	−0.0145−0.0112i	−1.0046+0.1218i	0.2209−0.1387i	0.0276+0.0831i
34.4	0.1443−0.1696i	0.1489+0.0514i	−3.3506+0.6054i	0.2846−0.2823i	−0.0533+0.0119i	−1.1631+0.3422i	0.1840−0.1132i	−0.0778+0.1857i
34.5	0.1755−0.1811i	0.1236+0.0608i	−3.0749+0.7754i	0.2997−0.2701i	−0.0337+0.0163i	−1.0639+0.2305i	0.2228−0.1137i	−0.0302+0.1682i
34.6	0.1768−0.1687i	0.1240+0.0835i	−3.2259+0.6456i	0.3378−0.2995i	−0.0404+0.0200i	−1.1825+0.3597i	0.2176−0.0988i	−0.1021+0.2367i
34.7	0.1766−0.1658i	0.1242+0.0696i	−3.2298+0.6309i	0.3240−0.3150i	−0.0369+0.0246i	−1.1202+0.4558i	0.2238−0.0987i	−0.0809+0.2633i
34.8	0.2211−0.1685i	0.0983+0.0760i	−3.1575+0.6244i	0.3257−0.3234i	−0.0199+0.0220i	−0.9395+0.4423i	0.2651−0.0913i	−0.0168+0.2819i
34.9	0.2464−0.1883i	0.0909+0.0945i	−3.2781+0.6969i	0.3467−0.3383i	−0.0155+0.0093i	−0.9254+0.3744i	0.2900−0.1081i	0.0112+0.2628i
35.0	0.2629−0.2243i	0.0914+0.1015i	−3.3408+0.5960i	0.3557−0.3596i	−0.0201+0.0060i	−0.9384+0.3323i	0.3106−0.1379i	0.0300+0.2396i
35.1	0.2827−0.2185i	0.0895+0.1256i	−3.3710+0.4648i	0.3756−0.3903i	−0.0228+0.0059i	−0.9493+0.4362i	0.3368−0.1228i	0.0238+0.2995i
35.2	0.3115−0.2110i	0.0952+0.1412i	−3.2579+0.5555i	0.3882−0.3993i	−0.0293+0.0075i	−0.8493+0.4636i	0.3511−0.1188i	0.0297+0.3190i
35.3	0.3332−0.2625i	0.1230+0.1649i	−3.2980+0.4833i	0.4097−0.4518i	−0.0473−0.0016i	−0.9153+0.4159i	0.3763−0.1493i	0.0323+0.3275i
35.4	0.3483−0.2719i	0.1164+0.1395i	−3.3755+0.5675i	0.4282−0.4365i	−0.0452+0.0031i	−0.8971+0.2924i	0.3785−0.1516i	0.0093+0.3091i
35.5	0.3562−0.2769i	0.1528+0.1312i	−3.6054+0.5735i	0.3359−0.4329i	−0.0309−0.0029i	−0.5395+0.2179i	0.4066−0.1621i	0.1816+0.3000i
35.6	0.3692−0.3080i	0.1630+0.1626i	−3.5451+0.5741i	0.3791−0.4686i	−0.0506−0.0108i	−0.7300+0.2278i	0.4266−0.1908i	0.1458+0.2911i
35.7	0.3786−0.3552i	0.1750+0.1729i	−3.5841+0.6319i	0.4033−0.5196i	−0.0606+0.0027i	−0.8537+0.2495i	0.4492−0.2221i	0.1272+0.3048i
35.8	0.3512−0.3857i	0.2129+0.1773i	−3.5281+0.6579i	0.3628−0.5823i	−0.0720+0.0198i	−0.8414+0.3912i	0.4270−0.2415i	0.1284+0.3729i
35.9	0.3748−0.4193i	0.1916+0.1803i	−3.7023+0.7210i	0.4046−0.5675i	−0.0825+0.0038i	−0.9619+0.1530i	0.4610−0.2808i	0.1267+0.2847i
36.0	0.3689−0.4392i	0.2017+0.1453i	−3.4915+0.8614i	0.4058−0.5353i	−0.0873+0.0205i	−1.0416+0.0098i	0.4726−0.2997i	0.1384+0.2078i
36.1	0.3970−0.4649i	0.2276+0.1257i	−3.6239+0.8984i	0.4284−0.5605i	−0.1012+0.0445i	−1.0754+0.1185i	0.4933−0.3227i	0.1317+0.2205i
36.2	0.3866−0.5038i	0.2445+0.1223i	−3.6356+0.9910i	0.4254−0.6148i	−0.1018+0.0489i	−1.1092+0.1986i	0.4803−0.3604i	0.1047+0.2387i
36.3	0.3976−0.5065i	0.2430+0.0934i	−3.7562+1.0544i	0.4353−0.5968i	−0.1021+0.0564i	−1.0920+0.1336i	0.4925−0.3693i	0.1110+0.1991i
36.4	0.3877−0.5263i	0.2503+0.0767i	−3.7670+1.0255i	0.4209−0.6265i	−0.1029+0.0768i	−1.0370+0.1856i	0.4854−0.3797i	0.1134+0.2393i
36.5	0.4299−0.5487i	0.2389+0.0838i	−3.6932+1.1937i	0.4665−0.6440i	−0.1127+0.0800i	−1.0710+0.1775i	0.5194−0.4081i	0.1042+0.2178i
36.6	0.4259−0.6073i	0.2346+0.0702i	−3.6312+1.1596i	0.4673−0.6913i	−0.0947+0.1002i	−1.1037+0.1913i	0.5191−0.4533i	0.1073+0.2144i
36.7	0.3980−0.6481i	0.2218+0.0647i	−3.3116+1.1572i	0.4515−0.7346i	−0.0863+0.1143i	−1.1262+0.1929i	0.4904−0.4694i	0.0716+0.2421i
36.8	0.4024−0.6820i	0.2247+0.0474i	−3.4297+1.3358i	0.4663−0.7601i	−0.0891+0.1215i	−1.1653+0.1825i	0.4901−0.4949i	0.0490+0.2346i
36.9	0.4245−0.7186i	0.2357+0.0391i	−3.4928+1.2019i	0.4888−0.8111i	−0.0944+0.1187i	−1.2034+0.1834i	0.5157−0.5273i	0.0691+0.2496i
37.0	0.4175−0.7606i	0.2235+0.0198i	−3.5170+1.3040i	0.4875−0.8529i	−0.0898+0.1254i	−1.2265+0.2003i	0.5200−0.5563i	0.0756+0.2675i
37.1	0.3971−0.8252i	0.2175−0.0010i	−3.4756+1.4069i	0.4704−0.9088i	−0.0710+0.1513i	−1.2146+0.2273i	0.5152−0.5983i	0.0905+0.2840i

37.2	0.3821-0.8524i	0.2161-0.0163i	-3.5112+1.1682i	0.4502-0.9280i	-0.0700+0.1511i	-1.2518+0.1948i	0.5266-0.6306i	0.1406+0.2612i
37.3	0.3359-0.9727i	0.1856-0.0152i	-3.4016+1.3972i	0.4333-1.0462i	-0.0528+0.1786i	-1.3010+0.2206i	0.4919-0.7208i	0.1005+0.2740i
37.4	0.2602-1.0520i	0.1560-0.0016i	-3.3286+1.4962i	0.3812-1.1466i	-0.0180+0.1944i	-1.3476+0.2725i	0.4439-0.7565i	0.0883+0.3442i
37.5	0.2266-1.0817i	0.1814-0.0190i	-3.2546+1.4112i	0.3500-1.1589i	-0.0286+0.2060i	-1.4357+0.2876i	0.4373-0.7923i	0.1201+0.3133i
37.6	0.1740-1.0786i	0.1783-0.0182i	-3.2331+1.4190i	0.2982-1.1426i	-0.0050+0.2085i	-1.4130+0.2815i	0.4304-0.7977i	0.1767+0.2838i
37.7	0.1594-1.1234i	0.1522-0.0132i	-3.1936+1.6125i	0.2839-1.1715i	0.0054+0.2327i	-1.4329+0.2948i	0.4362-0.8181i	0.1946+0.2770i
37.8	0.0980-1.1231i	0.1417-0.0101i	-3.1072+1.7213i	0.2318-1.1867i	0.0336+0.2244i	-1.4280+0.3108i	0.4131-0.8303i	0.2285+0.2858i
37.9	-0.0250-1.1891i	0.1209-0.0181i	-3.1216+1.9348i	0.1291-1.2594i	0.0776+0.2347i	-1.4478+0.3620i	0.3503-0.8901i	0.2565+0.2888i
38.0	-0.0694-1.1687i	0.1055+0.0128i	-3.0032+1.7960i	0.0991-1.2383i	0.1102+0.2069i	-1.4711+0.3445i	0.3580-0.8901i	0.2988+0.2669i
38.1	-0.0971-1.1489i	0.1087+0.0203i	-2.9211+1.7306i	0.0934-1.2327i	0.1160+0.1959i	-1.5432+0.3878i	0.3504-0.8932i	0.2916+0.2532i
38.2	-0.2492-1.1063i	0.1090+0.0302i	-2.7624+1.5923i	-0.0383-1.2136i	0.1490+0.1790i	-1.5866+0.4758i	0.2750-0.8983i	0.3337+0.2278i
38.3	-0.3144-1.0719i	0.1061+0.0341i	-2.7096+1.5561i	-0.0917-1.1965i	0.1683+0.1645i	-1.5989+0.5353i	0.2327-0.9075i	0.3365+0.1955i
38.4	-0.3429-1.0312i	0.1016+0.0349i	-2.8032+1.3567i	-0.1036-1.1733i	0.1793+0.1428i	-1.6614+0.6048i	0.2445-0.9254i	0.3507+0.1434i
38.5	-0.3321-0.9964i	0.0994+0.0212i	-2.7627+1.2722i	-0.0934-1.1581i	0.1758+0.1336i	-1.6548+0.6846i	0.2565-0.9358i	0.3520+0.1153i
38.6	-0.3875-0.9523i	0.1128+0.0411i	-2.7090+1.3553i	-0.1279-1.1504i	0.1864+0.0922i	-1.7205+0.7384i	0.2217-0.9475i	0.3409+0.0985i
38.7	-0.4312-0.9325i	0.1236+0.0571i	-2.6469+1.2812i	-0.1780-1.1593i	0.1813+0.0775i	-1.7270+0.8578i	0.1785-0.9756i	0.3368+0.0732i
38.8	-0.3894-0.9289i	0.1271+0.0631i	-2.6575+1.3830i	-0.1463-1.1711i	0.1759+0.0649i	-1.6722+0.9228i	0.1917-1.0306i	0.3190+0.0151i
38.9	-0.3383-0.8857i	0.1268+0.0525i	-2.6756+1.1540i	-0.1073-1.1466i	0.1651+0.0434i	-1.5762+0.9869i	0.1901-1.0508i	0.2644-0.0283i
39.0	-0.3524-0.8507i	0.1310+0.0431i	-2.7974+1.1475i	-0.1251-1.1350i	0.1653+0.0326i	-1.5470+1.0620i	0.1732-1.0476i	0.2599-0.0341i
39.1	-0.4008-0.8342i	0.1447+0.0586i	-2.6624+1.0564i	-0.1802-1.1465i	0.1647+0.0160i	-1.5160+1.1320i	0.0899-1.0760i	0.2118-0.0570i
39.2	-0.3830-0.8393i	0.1578+0.0568i	-2.7104+1.0256i	-0.1875-1.1592i	0.1538+0.0127i	-1.4148+1.1274i	0.0594-1.1037i	0.1808-0.0695i
39.3	-0.3955-0.8889i	0.1582+0.0856i	-2.6716+1.1623i	-0.1970-1.2223i	0.1533-0.0033i	-1.3977+1.1280i	0.0182-1.1645i	0.1333-0.0653i
39.4	-0.3888-0.8751i	0.1817+0.0669i	-2.7923+1.1408i	-0.2188-1.2226i	0.1400-0.0202i	-1.2624+1.1593i	-0.0336-1.1893i	0.0986-0.0938i
39.5	-0.4379-0.8948i	0.1934+0.0742i	-2.7289+1.2140i	-0.2812-1.2549i	0.1238-0.0334i	-1.2884+1.1485i	-0.1119-1.1912i	0.0652-0.0550i
39.6	-0.4545-0.9446i	0.1686+0.0726i	-2.7274+1.2624i	-0.3080-1.3116i	0.1166-0.0392i	-1.2769+1.1247i	-0.1551-1.2222i	0.0376-0.0312i
39.7	-0.5007-0.9311i	0.1892+0.0688i	-2.6307+1.0614i	-0.3781-1.2969i	0.1088-0.0463i	-1.2081+1.0976i	-0.2244-1.2104i	0.0373-0.0324i
39.8	-0.5162-0.8982i	0.2207+0.0627i	-2.6188+1.0595i	-0.4013-1.2882i	0.0972-0.0551i	-1.2054+1.1943i	-0.2661-1.2124i	0.0095-0.0358i
39.9	-0.5596-0.8541i	0.2272+0.0807i	-2.6122+1.1704i	-0.4656-1.2612i	0.0735-0.0677i	-1.2152+1.2131i	-0.3422-1.1773i	-0.0217-0.0117i
40.0	-0.6017-0.8807i	0.2154+0.0749i	-2.6494+1.1784i	-0.5253-1.2860i	0.0676-0.0672i	-1.1529+1.1687i	-0.4238-1.1742i	-0.0621+0.0221i
40.1	-0.6284-0.8691i	0.2245+0.0706i	-2.6247+1.0578i	-0.5663-1.2647i	0.0542-0.0664i	-1.1338+1.1177i	-0.4813-1.1368i	-0.0877+0.0473i
40.2	-0.6369-0.8387i	0.2292+0.0641i	-2.6700+1.2644i	-0.5595-1.2275i	0.0588-0.0645i	-1.1797+1.0853i	-0.4995-1.0886i	-0.1207+0.0675i
40.3	-0.6466-0.7984i	0.2321+0.0629i	-2.8316+1.3415i	-0.5765-1.1874i	0.0491-0.0646i	-1.1824+1.0878i	-0.5259-1.0267i	-0.1385+0.1027i
40.4	-0.6954-0.8096i	0.2253+0.0772i	-2.6852+1.3033i	-0.6381-1.1955i	0.0337-0.0573i	-1.1901+1.0661i	-0.6038-1.0119i	-0.1696+0.1384i
40.5	-0.6814-0.7761i	0.2257+0.0678i	-2.5742+1.2512i	-0.6489-1.1614i	0.0299-0.0570i	-1.0916+1.0701i	-0.6034-0.9687i	-0.1601+0.1621i
40.6	-0.6843-0.7615i	0.2580+0.0961i	-2.6196+1.1480i	-0.6618-1.1560i	0.0224-0.0626i	-1.1210+1.0903i	-0.5995-0.9235i	-0.1279+0.2294i
40.7	-0.6979-0.7614i	0.2632+0.0970i	-2.6071+1.2802i	-0.6787-1.1441i	0.0253-0.0614i	-1.1253+1.0213i	-0.6090-0.8994i	-0.1240+0.2476i
40.8	-0.7015-0.7034i	0.2845+0.0995i	-2.6069+1.1877i	-0.7013-1.0969i	0.0181-0.0587i	-1.0624+1.0892i	-0.6047-0.8407i	-0.0866+0.2661i
40.9	-0.7187-0.6854i	0.3111+0.1032i	-2.5308+1.2337i	-0.7439-1.0987i	0.0045-0.0593i	-1.0245+1.1270i	-0.6336-0.8105i	-0.0723+0.3259i
41.0	-0.7072-0.6927i	0.3439+0.0819i	-2.4042+1.1972i	-0.7709-1.1093i	0.0110-0.0623i	-0.9242+1.0844i	-0.6309-0.8012i	-0.0147+0.3577i
41.1	-0.7317-0.6907i	0.3596+0.0119i	-2.3801+1.0044i	-0.8080-1.0821i	0.0023-0.0720i	-0.9503+0.9876i	-0.6406-0.7912i	0.0176+0.3084i
41.2	-0.7589-0.6689i	0.3771+0.0337i	-2.3395+0.9855i	-0.8055-1.0598i	-0.0119-0.0715i	-1.1343+1.0144i	-0.6434-0.7687i	-0.0005+0.3226i
41.3	-0.7737-0.6401i	0.4011+0.0055i	-2.4983+1.0487i	-0.8293-1.0491i	-0.0019-0.0791i	-1.1029+1.1113i	-0.6575-0.7424i	0.0319+0.3362i
41.4	-0.7659-0.6507i	0.3992-0.0182i	-2.6318+1.0966i	-0.8409-1.0416i	-0.0066-0.0840i	-1.0603+1.0567i	-0.6558-0.7376i	0.0463+0.3287i
41.5	-0.7503-0.6509i	0.3946-0.0460i	-2.4782+1.0546i	-0.8553-1.0245i	-0.0287-0.0819i	-1.0038+1.0254i	-0.6504-0.7302i	0.0657+0.3101i
41.6	-0.7487-0.6211i	0.4129-0.0835i	-2.3745+0.8777i	-0.8594-0.9862i	-0.0488-0.0766i	-0.9761+1.0112i	-0.6553-0.6945i	0.0580+0.2987i
41.7	-0.7592-0.5943i	0.4187-0.1270i	-2.2376+0.9824i	-0.8984-0.9587i	-0.0633-0.0601i	-0.8603+1.0320i	-0.6724-0.6666i	0.0853+0.3031i
41.8	-0.7760-0.6080i	0.4082-0.1330i	-2.2552+1.0032i	-0.9236-0.9649i	-0.0771-0.0543i	-0.9063+0.9973i	-0.6825-0.6855i	0.1019+0.3011i
41.9	-0.7814-0.5869i	0.3704-0.1569i	-2.3179+0.6790i	-0.9273-0.9138i	-0.0800-0.0393i	-0.9616+0.9010i	-0.6919-0.6412i	0.0917+0.2960i
42.0	-0.7518-0.5679i	0.3631-0.1288i	-2.4562+0.6251i	-0.8882-0.9076i	-0.0787-0.0337i	-1.0004+0.9573i	-0.6585-0.6093i	0.0809+0.3465i
42.1	-0.7616-0.6065i	0.3984-0.1263i	-2.4047+0.8513i	-0.9095-0.9496i	-0.0877-0.0280i	-1.0131+0.9689i	-0.6508-0.6377i	0.1268+0.3690i
42.2	-0.8024-0.6334i	0.3850-0.1284i	-2.2913+0.7368i	-0.9558-0.9455i	-0.0806-0.0203i	-1.0610+0.8730i	-0.6671-0.6352i	0.1649+0.3692i
42.3	-0.8403-0.6147i	0.4299-0.1910i	-2.3946+0.6838i	-0.9925-0.9147i	-0.0626-0.0161i	-1.0979+0.8457i	-0.6856-0.6031i	0.1947+0.3620i
42.4	-0.8600-0.6368i	0.4203-0.2638i	-2.4158+0.4758i	-1.0054-0.9302i	-0.0670-0.0281i	-1.1906+0.8231i	-0.6583-0.6226i	0.2350+0.3319i
42.5	-0.8989-0.5773i	0.3651-0.2972i	-2.5014+0.5101i	-1.0527-0.8907i	-0.0860-0.0251i	-1.2131+0.9663i	-0.6602-0.6124i	0.2859+0.3009i
42.6	-0.8906-0.5256i	0.3410-0.2754i	-2.3896+0.5926i	-1.0657-0.8268i	-0.0879-0.0309i	-1.1113+0.9451i	-0.6685-0.5829i	0.2998+0.2537i
42.7	-0.8863-0.5034i	0.3100-0.3131i	-2.3192+0.6356i	-1.0845-0.7826i	-0.1064-0.0299i	-1.0436+0.9256i	-0.6730-0.5922i	0.3127+0.1752i
42.8	-0.8840-0.4835i	0.3061-0.3373i	-2.4512+0.5588i	-1.0928-0.7333i	-0.1296-0.0298i	-1.0184+0.8202i	-0.7074-0.5687i	0.2680+0.1324i
42.9	-0.9009-0.4492i	0.2922-0.2834i	-2.6133+0.5461i	-1.0537-0.6836i	-0.1441-0.0046i	-1.2849+0.7484i	-0.6965-0.5081i	0.1971+0.1681i
43.0	-0.8906-0.4366i	0.2984-0.3007i	-2.4303+0.5726i	-1.0498-0.6894i	-0.1335+0.0208i	-1.3316+0.9069i	-0.6703-0.5078i	0.2377+0.1952i
43.1	-0.8940-0.4541i	0.3013-0.3217i	-2.5372+0.5112i	-1.0691-0.6978i	-0.1197+0.0125i	-1.2725+0.9961i	-0.6701-0.5348i	0.2749+0.1518i
43.2	-0.8922-0.4653i	0.2814-0.3395i	-2.7660+0.5354i	-1.0463-0.6904i	-0.1534+0.0014i	-1.2989+0.9840i	-0.6627-0.5767i	0.2339+0.0689i
43.3	-0.9151-0.4475i	0.3095-0.3657i	-2.6456+0.4363i	-1.0462-0.6916i	-0.1832+0.0597i	-1.3770+1.0240i	-0.7110-0.5951i	0.1292+0.0959i
43.4	-0.9141-0.4154i	0.2461-0.3861i	-2.4861+0.3529i	-1.0681-0.6781i	-0.1316+0.1072i	-1.2927+1.1132i	-0.7479-0.5624i	0.1372+0.1568i

43.5	-0.8850-0.4280i	0.2142-0.3626i	-2.6555+0.2658i	-1.0398-0.6819i	-0.0984+0.0995i	-1.2958+1.0568i	-0.7269-0.5282i	0.1588+0.2046i
43.6	-0.9219-0.4614i	0.2610-0.3900i	-2.7600+0.2672i	-1.0583-0.7169i	-0.1160+0.0689i	-1.5173+1.0602i	-0.6975-0.5532i	0.2093+0.1935i
43.7	-0.9427-0.4139i	0.2326-0.4352i	-2.7069+0.3412i	-1.0823-0.7134i	-0.1338+0.0767i	-1.5345+1.3403i	-0.7205-0.5737i	0.1951+0.1672i
43.8	-0.9218-0.3731i	0.1760-0.3990i	-2.8249+0.4663i	-1.1038-0.7065i	-0.1153+0.1006i	-1.2395+1.4600i	-0.7585-0.5758i	0.1812+0.1687i
43.9	-0.9222-0.3895i	0.1707-0.4056i	-2.6753+0.3760i	-1.1545-0.6908i	-0.0773+0.1055i	-1.0513+1.2809i	-0.8194-0.5559i	0.1977+0.1699i
44.0	-0.9438-0.4054i	0.1496-0.4422i	-2.6000+0.3301i	-1.2071-0.6650i	-0.0717+0.1055i	-0.9876+1.1429i	-0.8564-0.5307i	0.2232+0.1552i
44.1	-0.9687-0.3982i	0.1645-0.4930i	-2.6905+0.2354i	-1.2353-0.6308i	-0.0572+0.0867i	-1.0128+1.0231i	-0.8873-0.4779i	0.2300+0.1620i
44.2	-0.9789-0.3980i	0.1167-0.4225i	-2.6376+0.1614i	-1.2061-0.6127i	-0.1018+0.0556i	-1.2997+0.9870i	-0.8445-0.4662i	0.1932+0.1307i
44.3	-1.0334-0.4054i	0.1055-0.4605i	-2.5638-0.1114i	-1.2530-0.5961i	-0.0977+0.0706i	-1.4714+1.0193i	-0.8507-0.4234i	0.2673+0.1861i
44.4	-1.0821-0.3374i	0.0439-0.4773i	-2.8099-0.1350i	-1.2784-0.5296i	-0.0883+0.0362i	-1.5477+1.2181i	-0.8416-0.3992i	0.3236+0.0946i
44.5	-1.0586-0.2529i	-0.0224-0.4423i	-2.9918-0.1011i	-1.2430-0.4905i	-0.1408+0.0380i	-1.4231+1.5272i	-0.8319-0.4143i	0.2310+0.0159i
44.6	-1.0118-0.2380i	-0.0276-0.4009i	-3.1782+0.0036i	-1.2245-0.4853i	-0.1717+0.0875i	-1.2524+1.5209i	-0.8500-0.4350i	0.1507+0.0306i
44.7	-0.9589-0.2426i	0.0008-0.3331i	-3.1581+0.0101i	-1.2290-0.4960i	-0.1239+0.1322i	-1.0595+1.5309i	-0.8513-0.4214i	0.2294+0.0936i
44.8	-0.9499-0.2568i	0.0149-0.3656i	-3.2807+0.1574i	-1.2450-0.4676i	-0.1022+0.0974i	-0.9598+1.3885i	-0.8368-0.4112i	0.2807+0.0062i
44.9	-0.9336-0.3015i	0.0019-0.3249i	-3.1649+0.1203i	-1.2470-0.4568i	-0.1244+0.0773i	-0.8549+1.1094i	-0.8581-0.4140i	0.1915-0.0211i
45.0	-0.9726-0.3081i	0.0525-0.3633i	-3.0096+0.0191i	-1.2579-0.4249i	-0.1429+0.0969i	-1.1710+0.8855i	-0.8712-0.3518i	0.1746+0.0410i
45.1	-1.0151-0.2884i	0.0058-0.3390i	-3.0102-0.1511i	-1.2696-0.4139i	-0.1387+0.1123i	-1.3793+1.2247i	-0.8634-0.3510i	0.1933+0.0259i
45.2	-1.0284-0.2722i	-0.0043-0.3245i	-3.2936-0.2091i	-1.2618-0.4035i	-0.1514+0.1102i	-1.2649+1.3233i	-0.8517-0.3658i	0.1640-0.0097i
45.3	-1.0304-0.2369i	0.0185-0.3245i	-3.4963-0.2747i	-1.2588-0.3800i	-0.1741+0.1187i	-1.2305+1.2410i	-0.8554-0.3586i	0.1246+0.0055i
45.4	-1.0184-0.1963i	0.0403-0.3188i	-3.4480-0.2235i	-1.2685-0.3511i	-0.1456+0.1627i	-1.1548+1.3011i	-0.8982-0.3248i	0.1152+0.0552i
45.5	-0.9973-0.2142i	0.0741-0.3826i	-3.3818-0.0409i	-1.2918-0.3205i	-0.1022+0.1465i	-1.0506+1.0081i	-0.9181-0.2828i	0.1669+0.0494i
45.6	-1.0217-0.2169i	-0.0211-0.3853i	-3.3456-0.1645i	-1.2758-0.3165i	-0.1444+0.1078i	-1.3460+1.0623i	-0.8731-0.3030i	0.1602-0.0154i
45.7	-1.0117-0.1940i	0.0192-0.3607i	-3.6590-0.0263i	-1.2827-0.3305i	-0.1880+0.1426i	-1.3123+1.2926i	-0.8926-0.3290i	0.1199+0.0010i
45.8	-0.9988-0.2114i	-0.0265-0.3573i	-3.6755-0.0879i	-1.2579-0.2819i	-0.1862+0.1393i	-1.4674+1.0840i	-0.8954-0.2734i	0.0751+0.0120i
45.9	-1.0142-0.2180i	-0.0046-0.3217i	-3.7327-0.4251i	-1.2260-0.2877i	-0.2228+0.1606i	-1.6980+1.2804i	-0.8405-0.2643i	0.0731+0.0497i
46.0	-1.0336-0.1925i	0.0398-0.3214i	-3.8300-0.3645i	-1.2352-0.2774i	-0.2103+0.1929i	-1.4537+1.4674i	-0.8468-0.2719i	0.0759+0.0427i
46.1	-1.0360-0.1628i	0.0154-0.3564i	-3.8233-0.2868i	-1.2290-0.2770i	-0.2140+0.2094i	-1.5328+1.4651i	-0.8502-0.2808i	0.0521+0.0690i
46.2	-1.0386-0.1379i	0.0242-0.3009i	-3.9942-0.4306i	-1.2778-0.3017i	-0.2129+0.2680i	-1.4654+1.7916i	-0.8952-0.3495i	0.0843+0.0805i
46.3	-0.9661-0.1414i	0.0612-0.2758i	-4.2350-0.3095i	-1.3115-0.2667i	-0.2121+0.2587i	-1.1000+1.5939i	-0.9684-0.3009i	0.0699+0.0730i
46.4	-0.9724-0.2607i	0.0842-0.2407i	-4.1178-0.4949i	-1.2964-0.2661i	-0.2532+0.3158i	-1.3227+1.3658i	-0.9810-0.2603i	0.0120+0.1359i
46.5	-1.0742-0.2950i	0.2118-0.2952i	-4.5161-0.7721i	-1.3285-0.3037i	-0.1730+0.4333i	-1.2820+1.5509i	-0.9840-0.2637i	0.1303+0.2489i
46.6	-1.1369-0.2353i	0.2187-0.5174i	-4.7950-0.4256i	-1.3773-0.2655i	-0.0317+0.3830i	-1.1730+1.4412i	-0.9756-0.2545i	0.3024+0.1285i
46.7	-1.1512-0.1891i	0.1175-0.6022i	-4.8858-0.0007i	-1.4045-0.2151i	-0.0176+0.3313i	-1.1386+1.4971i	-1.0047-0.2595i	0.2668-0.0149i
46.8	-1.1495-0.1332i	0.0595-0.6040i	-4.9519+0.1995i	-1.3976-0.1563i	-0.0241+0.2818i	-1.1114+1.2623i	-1.0202-0.1731i	0.1984+0.0006i
46.9	-1.1069-0.1458i	0.0009-0.6116i	-4.8544+0.1089i	-1.3673-0.1555i	-0.0657+0.2560i	-1.3731+1.1740i	-0.9609-0.1704i	0.2210-0.0113i
47.0	-1.1191-0.2068i	-0.0703-0.5566i	-4.7655-0.1460i	-1.3527-0.1540i	-0.1069+0.2702i	-1.6647+1.4059i	-0.9534-0.2067i	0.1874-0.0824i
47.1	-1.1862-0.1821i	-0.0204-0.5412i	-4.8575-0.1769i	-1.3626-0.1596i	-0.1127+0.3095i	-1.4317+1.6190i	-0.9994-0.1999i	0.0959-0.0566i
47.2	-1.2079-0.1134i	-0.0140-0.6647i	-5.1044-0.0024i	-1.4066-0.1688i	-0.0818+0.3562i	-1.1696+1.5303i	-1.0110-0.1778i	0.1301+0.0339i
47.3	-1.1738-0.0940i	-0.1334-0.7358i	-5.1711+0.3091i	-1.4564-0.1367i	-0.0476+0.3555i	-1.1073+1.4637i	-1.0460-0.2028i	0.1720-0.0435i
47.4	-1.1552-0.1036i	-0.3038-0.6947i	-5.0655+0.3410i	-1.4830-0.0793i	-0.0246+0.3342i	-1.0370+1.2502i	-1.0998-0.1863i	0.1390-0.1073i
47.5	-1.1532-0.1309i	-0.3765-0.6392i	-5.1330+0.2912i	-1.4759-0.0278i	-0.0538+0.3225i	-1.1846+1.0859i	-1.0896-0.1604i	0.1194-0.1609i
47.6	-1.1904-0.1757i	-0.3945-0.4995i	-5.3730+0.1953i	-1.4704-0.0043i	-0.1136+0.3313i	-1.4348+0.9795i	-1.1210-0.1346i	0.0144-0.1609i
47.7	-1.2668-0.1951i	-0.3904-0.4142i	-5.4658+0.2109i	-1.4972+0.0093i	-0.1100+0.4191i	-1.6312+1.0786i	-1.1722-0.1112i	-0.0210-0.0840i
47.8	-1.3871-0.1554i	-0.3639-0.3924i	-5.7952+0.1654i	-1.5149+0.0415i	-0.0430+0.4436i	-1.7767+1.2068i	-1.2192-0.0441i	-0.0584-0.0427i
47.9	-1.3936-0.0924i	-0.3128-0.4015i	-5.8520+0.3783i	-1.4988+0.0560i	0.0049+0.4957i	-1.8261+1.4446i	-1.2199-0.0071i	-0.0561+0.0304i
48.0	-1.4122-0.0827i	-0.3260-0.4305i	-5.7336+0.6291i	-1.5046+0.1028i	0.1005+0.5056i	-1.8224+1.5011i	-1.2108+0.0302i	0.0259-0.0005i
48.1	-1.4865+0.0093i	-0.3256-0.4276i	-5.8956+0.8942i	-1.5344+0.1606i	0.1726+0.4592i	-1.5794+1.6881i	-1.2615+0.0861i	-0.0074-0.0334i
48.2	-1.4239+0.0774i	-0.3752-0.4138i	-5.9377+1.1122i	-1.5112+0.2045i	0.1496+0.4237i	-1.4576+1.5269i	-1.2367+0.1468i	-0.0532-0.0109i
48.3	-1.4118+0.0640i	-0.3849-0.3884i	-5.7416+0.7856i	-1.5082+0.2041i	0.1660+0.4475i	-1.4387+1.4608i	-1.2309+0.1623i	-0.0551+0.0304i
48.4	-1.4222+0.0706i	-0.3686-0.3226i	-5.9829+0.7447i	-1.5102+0.2669i	0.2063+0.4177i	-1.4826+1.1026i	-1.2143+0.2179i	0.0080+0.0178i
48.5	-1.4424+0.0845i	-0.3456-0.3114i	-6.1398+0.8435i	-1.4757+0.3038i	0.2504+0.4174i	-1.8630+1.0601i	-1.1857+0.2378i	0.0359-0.0155i
48.6	-1.4715+0.0987i	-0.3643-0.3176i	-6.1881+0.9150i	-1.4397+0.3160i	0.2688+0.3743i	-2.1441+1.1835i	-1.1514+0.2650i	0.0066-0.0489i
48.7	-1.5357+0.1474i	-0.3851-0.3044i	-6.1754+0.9614i	-1.4287+0.3337i	0.2973+0.3435i	-2.4429+1.4405i	-1.1525+0.2956i	-0.0304-0.0418i
48.8	-1.6160+0.2113i	-0.4006-0.2343i	-6.3006+1.0172i	-1.4521+0.3435i	0.3429+0.3025i	-2.5888+2.1002i	-1.2028+0.3224i	-0.0574-0.0610i
48.9	-1.5932+0.2912i	-0.3947-0.1769i	-6.3736+0.9716i	-1.4463+0.3587i	0.3041+0.2480i	-2.1111+2.3359i	-1.1755+0.3545i	-0.0905-0.0710i
49.0	-1.4795+0.3513i	-0.2715-0.1839i	-6.5934+1.3962i	-1.4105+0.3852i	0.2179+0.2951i	-1.6675+1.9206i	-1.1342+0.3960i	-0.1417+0.0452i
49.1	-1.4757+0.3590i	-0.2439-0.1927i	-6.4562+1.5418i	-1.3947+0.4140i	0.2796+0.2918i	-1.8348+1.8445i	-1.0880+0.4537i	-0.0622+0.0710i
49.2	-1.4023+0.4315i	-0.2582-0.2679i	-6.5760+1.7625i	-1.3662+0.4284i	0.2808+0.1963i	-1.8693+1.9071i	-1.0101+0.4938i	-0.0125+0.0220i
49.3	-1.3759+0.3964i	-0.2878-0.2965i	-6.8422+1.8855i	-1.3908+0.4216i	0.2755+0.1967i	-1.9032+1.8649i	-1.0424+0.4604i	-0.0366-0.0115i
49.4	-1.4154+0.2912i	-0.2892-0.2494i	-6.9629+1.8221i	-1.4094+0.4289i	0.2819+0.1899i	-2.1625+1.8163i	-1.0855+0.4776i	-0.0743-0.0321i
49.5	-1.5125+0.3459i	-0.2868-0.2969i	-7.1508+1.8461i	-1.3912+0.4334i	0.2617+0.1807i	-2.2738+2.1902i	-1.0293+0.5065i	-0.1219+0.0048i
49.6	-1.4870+0.3820i	-0.3201-0.2909i	-7.2829+2.0349i	-1.4101+0.4712i	0.2708+0.1930i	-2.0595+2.0482i	-1.0258+0.5087i	-0.1101+0.0183i
49.7	-1.4929+0.3706i	-0.2757-0.2948i	-7.3089+2.1058i	-1.3775+0.5144i	0.2569+0.1646i	-2.3641+1.8385i	-0.9879+0.5641i	-0.1116+0.0192i

49.8	−1.5571+0.3633i	−0.3252−0.3557i	−7.2647+2.1497i	−1.3376+0.4791i	0.2499+0.1806i	−2.8046+2.2916i	−0.9408+0.5411i	−0.1363+0.0320i
49.9	−1.6251+0.4353i	−0.3523−0.3586i	−7.3046+2.2219i	−1.3600+0.4681i	0.2762+0.1810i	−2.6104+2.9003i	−0.9405+0.5391i	−0.1519+0.0490i
50.0	−1.5891+0.5521i	−0.4050−0.3838i	−7.5375+2.6519i	−1.4118+0.4878i	0.2801+0.1489i	−2.0550+2.9801i	−0.9568+0.5441i	−0.1470+0.0669i
50.1	−1.5919+0.5769i	−0.5037−0.3564i	−7.9012+2.7808i	−1.4489+0.5107i	0.2750+0.1318i	−2.0011+3.0578i	−1.0045+0.5776i	−0.1571+0.0874i
50.2	−1.5701+0.6000i	−0.4828−0.2724i	−7.9106+3.0806i	−1.4514+0.5397i	0.2632+0.1321i	−1.7415+3.0780i	−0.9798+0.6004i	−0.1523+0.1028i
50.3	−1.5934+0.5965i	−0.4968−0.2093i	−8.0418+2.9047i	−1.4452+0.5407i	0.2592+0.1184i	−1.6445+3.0686i	−0.9624+0.6090i	−0.1734+0.1369i
50.4	−1.6092+0.6429i	−0.4550−0.1647i	−8.2255+2.9795i	−1.4533+0.5745i	0.2604+0.1198i	−1.3894+2.9819i	−0.9249+0.6528i	−0.1455+0.1868i
50.5	−1.5952+0.6988i	−0.4225−0.1932i	−8.4894+3.2989i	−1.4545+0.6601i	0.2593+0.0946i	−1.3458+2.6252i	−0.8637+0.7000i	−0.0843+0.1508i
50.6	−1.6341+0.7391i	−0.4481−0.2057i	−8.7120+3.8673i	−1.4229+0.6982i	0.2348+0.0822i	−1.7390+2.6305i	−0.8384+0.7056i	−0.1392+0.1347i
50.7	−1.6348+0.8105i	−0.4738−0.2030i	−8.7183+4.0373i	−1.4307+0.6675i	0.2481+0.0762i	−1.6986+3.0757i	−0.8483+0.6923i	−0.1132+0.1825i
50.8	−1.5687+0.8237i	−0.4908−0.1270i	−8.8709+4.4170i	−1.4435+0.6797i	0.2234+0.0811i	−1.3009+3.0092i	−0.8405+0.6969i	−0.1025+0.1836i
50.9	−1.5860+0.7809i	−0.4401−0.1338i	−9.0832+5.0755i	−1.4444+0.6962i	0.2516+0.1259i	−1.3810+2.7193i	−0.8156+0.6729i	−0.0621+0.1611i
51.0	−1.6376+0.8342i	−0.4245−0.1782i	−9.0308+5.3201i	−1.4968+0.7263i	0.2664+0.0944i	−1.3927+2.7649i	−0.8390+0.6824i	−0.0616+0.1082i
51.1	−1.5991+0.8266i	−0.4578−0.1797i	−8.8997+5.5627i	−1.5199+0.7563i	0.2393+0.0981i	−1.3884+2.5719i	−0.8425+0.6869i	−0.0951+0.1033i
51.2	−1.6544+0.8100i	−0.5117−0.1079i	−8.9368+5.9685i	−1.5178+0.7971i	0.2568+0.0880i	−1.6061+2.6514i	−0.8141+0.7328i	−0.1149+0.1333i
51.3	−1.7475+0.9176i	−0.5008−0.0643i	−8.9836+6.1232i	−1.5430+0.8616i	0.2614+0.0529i	−1.5444+2.8194i	−0.8120+0.8031i	−0.1145+0.1620i
51.4	−1.7805+0.9961i	−0.4692−0.0265i	−9.2279+6.5447i	−1.5661+0.9021i	0.2366+0.0434i	−1.3597+2.8240i	−0.7689+0.8155i	−0.0904+0.1615i
51.5	−1.7357+1.1047i	−0.4343−0.0317i	−9.1128+7.4871i	−1.5681+1.0008i	0.2338+0.0561i	−1.2006+2.5354i	−0.7552+0.8411i	−0.0920+0.1290i
51.6	−1.6834+1.1144i	−0.4832−0.0460i	−8.2710+7.9731i	−1.5442+1.0332i	0.2405+0.0367i	−1.4524+2.2886i	−0.7379+0.8343i	−0.1185+0.1327i
51.7	−1.7752+1.0893i	−0.5385−0.0072i	−7.9393+7.9127i	−1.5554+1.0321i	0.2413+0.0146i	−1.8694+2.5441i	−0.7342+0.8372i	−0.1411+0.1820i
51.8	−1.8026+1.1940i	−0.5280+0.0237i	−7.9800+8.1655i	−1.5648+1.0822i	0.2344−0.0156i	−1.7874+2.6983i	−0.7345+0.8617i	−0.1317+0.2052i
51.9	−1.7810+1.2514i	−0.4632+0.0558i	−7.8298+8.7145i	−1.5714+1.1457i	0.2179−0.0358i	−1.6816+2.5401i	−0.7418+0.8992i	−0.1228+0.1984i
52.0	−1.7567+1.3293i	−0.4208+0.0993i	−7.8370+8.7936i	−1.5375+1.2227i	0.1797−0.0218i	−1.7455+2.4700i	−0.6695+0.9418i	−0.1056+0.2005i
52.1	−1.7731+1.3911i	−0.4268+0.1463i	−7.3143+9.0724i	−1.5246+1.3107i	0.1702−0.0348i	−1.8985+2.4921i	−0.6293+0.9837i	−0.1098+0.2011i
52.2	−1.8140+1.4801i	−0.3604+0.1448i	−7.0740+9.7730i	−1.4941+1.3874i	0.1750−0.0536i	−2.1550+2.3852i	−0.5927+1.0018i	−0.1220+0.2231i
52.3	−1.8721+1.5792i	−0.3571+0.1249i	−6.7436+10.0510i	−1.4540+1.4072i	0.1370−0.0734i	−2.5314+2.6331i	−0.5314+1.0018i	−0.1115+0.2487i
52.4	−1.8677+1.7390i	−0.3799+0.1565i	−7.0917+10.1138i	−1.4711+1.4772i	0.0955−0.0477i	−2.4308+2.9643i	−0.5117+1.0088i	−0.1038+0.2222i
52.5	−1.7506+1.8677i	−0.2859+0.2363i	−6.7812+11.0128i	−1.4231+1.6007i	0.0673+0.0015i	−2.2670+2.9002i	−0.4646+1.0411i	−0.1017+0.2404i
52.6	−1.6964+1.9115i	−0.1827+0.2515i	−6.2929+11.3648i	−1.3568+1.6560i	0.0988+0.0206i	−2.4774+2.8239i	−0.4335+1.0604i	−0.0850+0.2775i
52.7	−1.7105+2.0615i	−0.0475+0.1667i	−5.9662+11.5397i	−1.3503+1.7151i	0.0502+0.0275i	−2.6663+3.0858i	−0.3607+1.0555i	0.0364+0.2378i
52.8	−1.6548+2.1433i	0.0120+0.0623i	−5.3395+11.9833i	−1.3274+1.7668i	0.0158+0.0261i	−2.9057+3.2896i	−0.2853+1.0456i	0.0619+0.1856i
52.9	−1.6442+2.1345i	−0.0350+0.0427i	−4.7057+11.9302i	−1.3036+1.7908i	0.0273+0.0416i	−3.0999+3.5215i	−0.2631+0.9987i	0.0347+0.1566i
53.0	−1.6050+2.2448i	−0.0630+0.0641i	−4.4112+12.0334i	−1.2336+1.8967i	0.0033+0.0684i	−3.0320+3.8718i	−0.2243+0.9708i	0.0079+0.0988i
53.1	−1.5787+2.4207i	−0.0328+0.0197i	−4.0091+12.4620i	−1.1700+1.9880i	−0.0364+0.1079i	−3.0544+4.1002i	−0.1998+0.9563i	−0.0681+0.0799i
53.2	−1.4975+2.5396i	0.0062−0.0272i	−3.1382+12.5188i	−1.0885+2.0480i	−0.0113+0.1549i	−3.0003+4.4703i	−0.1811+0.9698i	−0.0979+0.1390i
53.3	−1.4124+2.6418i	−0.0290−0.0452i	−2.7113+12.6480i	−1.0060+2.0913i	0.0411+0.1457i	−2.9787+4.8744i	−0.1533+0.9532i	−0.0834+0.1751i
53.4	−1.2689+2.8514i	−0.0238−0.0153i	−2.3117+13.0922i	−0.9182+2.1929i	0.0991+0.1945i	−2.5252+5.2040i	−0.1601+0.9226i	−0.0926+0.1094i
53.5	−1.0962+2.8819i	0.0622+0.0316i	−1.9677+12.9657i	−0.8259+2.2236i	0.1168+0.1732i	−2.2065+5.0799i	−0.1561+0.9290i	−0.1289+0.0838i
53.6	−0.9565+2.8597i	0.3231−0.0416i	−1.0840+13.2514i	−0.6998+2.2313i	0.0851+0.1463i	−2.2758+4.7877i	−0.1087+0.9521i	−0.1826+0.0926i
53.7	−0.8608+2.9233i	0.3306−0.3171i	−0.2720+13.4430i	−0.6095+2.2334i	0.1107+0.2061i	−2.4280+5.0407i	−0.0667+0.8993i	−0.2319+0.1255i
53.8	−0.6425+2.9651i	0.1723−0.4302i	0.5522+13.0623i	−0.5169+2.2243i	0.1650+0.2320i	−1.9975+5.1851i	−0.0626+0.8771i	−0.2321+0.1427i
53.9	−0.5448+2.8016i	0.0991−0.4919i	1.9322+12.3878i	−0.4593+2.1511i	0.1941+0.1796i	−2.2264+4.9600i	−0.0460+0.8549i	−0.2799+0.1885i
54.0	−0.5650+2.8142i	0.0533−0.4861i	2.2091+11.5096i	−0.4179+2.2058i	0.2066+0.1526i	−2.4092+5.3781i	−0.0483+0.8443i	−0.3098+0.2700i
54.1	−0.5305+2.9124i	0.1503−0.4089i	2.1357+11.1165i	−0.3503+2.2713i	0.2029+0.1159i	−2.2252+5.5601i	−0.0264+0.8784i	−0.2554+0.3860i
54.2	−0.3757+3.0512i	0.3802−0.7358i	2.3154+11.6567i	−0.1581+2.2531i	0.1569+0.0655i	−2.5382+5.5675i	0.0931+0.8698i	−0.0726+0.3626i
54.3	−0.1992+3.0083i	0.1588−1.0860i	2.7233+11.3548i	−0.0891+2.2048i	0.1513+0.1057i	−2.6700+6.0101i	0.1189+0.7967i	−0.1172+0.2443i
54.4	−0.1854+2.9732i	−0.1335−1.1736i	2.8175+10.1719i	−0.0628+2.2033i	0.1654+0.1274i	−2.7085+6.7130i	0.0989+0.7391i	−0.1941+0.2450i
54.5	−0.1021+3.0632i	−0.3686−1.1893i	3.0262+9.5400i	0.0112+2.2244i	0.1588+0.1354i	−2.4177+7.3659i	0.0918+0.7110i	−0.2094+0.2760i
54.6	0.0824+3.2181i	−0.6230−1.1795i	2.9351+9.6749i	0.1507+2.2711i	0.1577+0.1351i	−1.7849+7.9540i	0.0983+0.7204i	−0.1987+0.3240i
54.7	0.3178+3.3464i	−0.7012−1.0075i	2.5285+10.1059i	0.2562+2.2759i	0.1597+0.1522i	−0.7711+8.1024i	0.0858+0.7382i	−0.1595+0.3432i
54.8	0.6257+3.1761i	−0.5651−1.0408i	3.2801+10.3847i	0.3405+2.1511i	0.1586+0.1553i	−0.3817+7.4215i	0.1122+0.6964i	−0.1353+0.3063i
54.9	0.6204+2.8715i	−0.8412−1.3670i	4.5156+9.8940i	0.3245+2.0951i	0.1794+0.1735i	−0.9025+7.4152i	0.0878+0.6439i	−0.2068+0.2638i
55.0	0.5733+2.9013i	−1.3327−1.2013i	4.4667+9.5688i	0.3998+2.1237i	0.2149+0.1906i	−0.6702+8.1613i	0.0872+0.6304i	−0.2577+0.3108i
55.1	0.6993+2.9670i	−1.4924−0.8961i	4.1245+9.4313i	0.5257+2.1034i	0.2656+0.1892i	0.0864+8.4595i	0.0969+0.6245i	−0.2629+0.3590i
55.2	0.8604+2.9037i	−1.4644−0.6297i	4.1408+9.5327i	0.6210+2.0437i	0.2721+0.1724i	0.7042+8.3144i	0.1118+0.6222i	−0.2380+0.3911i
55.3	0.9894+2.8626i	−1.5195−0.3750i	4.8374+9.4012i	0.7093+1.9641i	0.2833+0.1420i	1.3466+8.0758i	0.1392+0.6147i	−0.2230+0.4394i
55.4	1.1765+2.7728i	−1.3305−0.1725i	5.6730+9.6644i	0.8106+1.8691i	0.2708+0.1018i	1.9971+7.6109i	0.1639+0.6290i	−0.1618+0.4801i
55.5	1.2657+2.6356i	−1.1461−0.3550i	6.1968+9.4766i	0.8320+1.7909i	0.2750+0.0984i	1.9151+6.9701i	0.2111+0.6028i	−0.1294+0.4348i
55.6	1.2811+2.5443i	−1.5249−0.5189i	6.8830+8.3775i	0.8559+1.7651i	0.2748+0.0759i	1.5705+7.1662i	0.2126+0.5264i	−0.1823+0.4072i
55.7	1.3267+2.5430i	−1.7458−0.1296i	6.5629+7.6300i	0.9080+1.7344i	0.2839+0.0381i	1.9672+7.4607i	0.1741+0.5166i	−0.2039+0.4879i
55.8	1.4089+2.4791i	−1.6172+0.1609i	6.0520+7.0032i	0.9530+1.6591i	0.2692+0.0471i	2.4637+7.3500i	0.1743+0.5069i	−0.1739+0.5128i
55.9	1.4897+2.4002i	−1.4254+0.3399i	6.1793+6.9696i	0.9930+1.5871i	0.2698+0.0426i	2.7946+7.0638i	0.1933+0.5069i	−0.1334+0.5285i
56.0	1.5760+2.2722i	−1.2675+0.3333i	6.8382+6.8952i	1.0185+1.4797i	0.2558+0.0313i	2.9622+6.5046i	0.2314+0.4920i	−0.0998+0.5155i

56.1	1.5970+2.1252i	-1.4013+0.0463i	7.2666+6.2516i	0.9971+1.4272i	0.2776+0.0313i	2.7355+6.1184i	0.2405+0.4188i	-0.1343+0.4695i
56.2	1.6240+2.0513i	-1.5512+0.2787i	7.1789+5.6917i	1.0653+1.3985i	0.2457+0.0101i	2.7631+6.2564i	0.2086+0.3815i	-0.1425+0.5199i
56.3	1.6563+2.0074i	-1.4120+0.5685i	6.7724+5.4385i	1.0970+1.3369i	0.2085-0.0026i	2.9902+6.2372i	0.1865+0.3615i	-0.1113+0.5586i
56.4	1.7021+1.9502i	-1.2104+0.6719i	6.6664+5.0331i	1.1183+1.2656i	0.1992+0.0102i	3.1400+6.1110i	0.1892+0.3211i	-0.0697+0.5756i
56.5	1.7264+1.8992i	-1.1079+0.6951i	6.1541+4.7670i	1.1112+1.2191i	0.2175+0.0061i	3.2440+5.9525i	0.1656+0.3083i	-0.0487+0.5771i
56.6	1.7196+1.8090i	-1.0019+0.7742i	5.5812+4.4699i	1.1065+1.1516i	0.2045-0.0064i	3.3277+5.6927i	0.1475+0.3182i	-0.0334+0.5831i
56.7	1.7084+1.7059i	-0.9860+0.7115i	6.0991+4.2076i	1.0888+1.0717i	0.1870+0.0131i	3.2925+5.4718i	0.1335+0.2878i	-0.0213+0.5618i
56.8	1.7460+1.6437i	-0.8616+0.7038i	6.0650+4.2951i	1.1003+1.0275i	0.2085+0.0282i	3.3547+5.3603i	0.1322+0.2578i	-0.0049+0.5415i
56.9	1.7442+1.5862i	-0.7610+0.7292i	5.7660+4.5263i	1.0735+0.9833i	0.2102+0.0238i	3.4183+5.2173i	0.0955+0.2634i	0.0122+0.5552i
57.0	1.7196+1.5265i	-0.6551+0.6869i	5.8623+4.2054i	1.0467+0.9215i	0.2027+0.0354i	3.4090+5.0600i	0.0837+0.2526i	0.0226+0.5466i
57.1	1.6918+1.4118i	-0.4878+0.4315i	6.3694+3.7126i	1.0048+0.8479i	0.1932+0.0537i	3.3722+4.7424i	0.0938+0.2297i	0.0408+0.4864i
57.2	1.6555+1.3669i	-0.7526+0.1201i	6.6592+3.8816i	0.9279+0.8765i	0.2060+0.0273i	3.1205+4.4241i	0.0703+0.2064i	-0.0157+0.4370i
57.3	1.6598+1.3890i	-1.0720+0.3817i	6.3338+3.7780i	0.9505+0.9307i	0.1928+0.0079i	2.8965+4.5882i	0.0099+0.1960i	-0.0685+0.4989i
57.4	1.6827+1.4004i	-1.0049+0.6462i	5.9831+3.9368i	0.9874+0.9211i	0.1881+0.0122i	2.9372+4.7297i	-0.0166+0.2173i	-0.0524+0.5612i
57.5	1.7017+1.3586i	-0.8519+0.8174i	5.8952+3.7831i	1.0237+0.8653i	0.1770+0.0373i	3.0061+4.7715i	-0.0322+0.2302i	-0.0227+0.5996i
57.6	1.7000+1.3412i	-0.7496+0.8051i	5.8500+3.5512i	1.0261+0.8421i	0.1581+0.0485i	2.9889+4.8068i	-0.0435+0.2298i	-0.0104+0.5977i
57.7	1.7005+1.2928i	-0.6834+0.7714i	5.9375+3.3962i	1.0219+0.8172i	0.1654+0.0528i	3.0342+4.7275i	-0.0567+0.2493i	0.0003+0.5964i
57.8	1.6881+1.2650i	-0.6730+0.8002i	6.0692+3.5350i	1.0268+0.7859i	0.1669+0.0567i	3.0207+4.6243i	-0.0603+0.2775i	0.0023+0.6135i
57.9	1.6958+1.2737i	-0.6785+0.7188i	6.3098+3.6851i	1.0418+0.7640i	0.1770+0.0900i	2.8397+4.6701i	-0.0494+0.2876i	-0.0029+0.6127i
58.0	1.6817+1.2623i	-0.6433+0.7234i	6.5240+3.1909i	1.0198+0.7364i	0.2024+0.1023i	2.9132+4.8223i	-0.0592+0.2875i	-0.0071+0.6297i
58.1	1.6818+1.2346i	-0.4949+0.7999i	6.4183+3.0630i	1.0048+0.7118i	0.2217+0.1181i	3.0926+4.7378i	-0.0608+0.3088i	0.0228+0.6659i
58.2	1.7146+1.2426i	-0.5891+0.7330i	6.5722+3.2758i	1.0144+0.7096i	0.2766+0.1106i	3.0317+4.6770i	-0.0292+0.3408i	0.0499+0.6677i
58.3	1.7383+1.2421i	-0.6647+0.6321i	6.6061+3.6437i	1.0381+0.7123i	0.2740+0.0927i	3.0145+4.7951i	-0.0117+0.3373i	0.0321+0.6330i
58.4	1.7785+1.2697i	-0.5369+0.7299i	6.8320+3.4728i	1.0606+0.6847i	0.2670+0.0808i	3.1857+4.8638i	-0.0044+0.3101i	0.0328+0.6848i
58.5	1.8438+1.2727i	-0.4805+0.6542i	7.3169+3.6483i	1.0713+0.6751i	0.2923+0.0650i	3.2857+4.8197i	0.0117+0.3062i	0.0545+0.6976i
58.6	1.8524+1.2078i	-0.5385+0.6644i	7.8394+3.5991i	1.0749+0.6577i	0.2931+0.0480i	3.2029+4.7396i	0.0100+0.2567i	0.0422+0.7053i
58.7	1.8863+1.1880i	-0.5570+0.8059i	8.3993+3.1930i	1.0938+0.6233i	0.2994+0.0474i	3.1877+4.8502i	-0.0208+0.2348i	0.0567+0.7507i
58.8	1.9446+1.1902i	-0.5548+0.8422i	8.4154+2.9003i	1.1199+0.5759i	0.3168+0.0211i	3.3296+4.9283i	-0.0348+0.2102i	0.0763+0.7934i
58.9	2.0225+1.1677i	-0.4257+0.8589i	8.1880+2.6094i	1.1099+0.5491i	0.3315-0.0006i	3.4714+4.9201i	-0.0730+0.1993i	0.1214+0.8112i
59.0	2.1087+1.1662i	-0.4201+0.8383i	8.3084+2.4293i	1.1361+0.5308i	0.3244+0.0003i	3.5636+4.8992i	-0.0680+0.1876i	0.1704+0.8303i
59.1	2.1577+1.0909i	-0.4678+0.7769i	8.4504+2.2196i	1.1371+0.4911i	0.3316-0.0206i	3.5937+4.8692i	-0.1065+0.2074i	0.1803+0.8265i
59.2	2.2086+1.0548i	-0.4781+0.7991i	8.9975+2.1279i	1.1513+0.4455i	0.3236-0.0395i	3.6025+4.9009i	-0.1265+0.1890i	0.1946+0.8360i
59.3	2.2721+1.0159i	-0.4422+0.7928i	9.4654+1.3343i	1.1521+0.4114i	0.3089-0.0444i	3.6249+4.9203i	-0.1482+0.1821i	0.2460+0.8395i
59.4	2.3596+0.9115i	-0.4231+0.8189i	10.0101+1.0244i	1.1589+0.3743i	0.2978-0.0616i	3.7951+4.9442i	-0.1771+0.1963i	0.2898+0.8373i
59.5	2.3833+0.8581i	-0.4729+0.7668i	9.9296+1.0122i	1.1697+0.3499i	0.2903-0.0653i	3.8584+4.9249i	-0.1954+0.2156i	0.2894+0.8352i
59.6	2.4516+0.7961i	-0.4256+0.7522i	9.8230+1.1408i	1.1799+0.3234i	0.2922-0.1112i	3.9821+4.9133i	-0.2032+0.2109i	0.3259+0.8235i
59.7	2.4797+0.7289i	-0.4138+0.7797i	10.0412+0.6578i	1.1854+0.2968i	0.2690-0.1168i	4.1013+4.9214i	-0.2138+0.2202i	0.3491+0.8177i
59.8	2.5358+0.6916i	-0.3782+0.8563i	10.4188+0.4574i	1.1808+0.2671i	0.2805-0.0870i	4.2134+4.9497i	-0.2386+0.2197i	0.3926+0.8460i
59.9	2.5894+0.6383i	-0.3875+0.9087i	10.7759-0.5396i	1.1828+0.2377i	0.2634-0.0774i	4.2807+4.9710i	-0.2595+0.2718i	0.3678+0.8556i
60.0	2.6530+0.5516i	-0.4613+0.9319i	11.0276-1.0551i	1.1850+0.2096i	0.2502-0.0770i	4.4045+4.9375i	-0.3014+0.3559i	0.3224+0.8155i
60.1	2.6993+0.4735i	-0.4953+0.9632i	11.3056-1.6505i	1.1841+0.1720i	0.2120-0.0868i	4.5265+4.9328i	-0.2870+0.2755i	0.4432+0.8485i
60.2	2.7229+0.3520i	-0.5241+1.0336i	11.1670-2.1320i	1.1735+0.1222i	0.2266-0.0748i	4.6068+4.9424i	-0.2788+0.2868i	0.4945+0.8711i
60.3	2.7354+0.1987i	-0.4945+1.1096i	11.1476-2.3014i	1.1584+0.0840i	0.2327-0.0658i	4.7340+4.7902i	-0.2792+0.3198i	0.5383+0.8439i
60.4	2.7605+0.1070i	-0.5215+1.1598i	11.2696-2.3206i	1.1589+0.0647i	0.2464-0.0683i	4.8334+4.7760i	-0.2826+0.3410i	0.5549+0.8273i
60.5	2.8111-0.0071i	-0.5683+1.3563i	11.0842-2.2757i	1.1700+0.0320i	0.2483-0.0589i	4.9224+4.8575i	-0.2873+0.3595i	0.5802+0.8471i
60.6	2.7766-0.1332i	-0.5230+1.5520i	11.4991-2.8754i	1.1408+0.0050i	0.2390-0.0834i	5.0156+4.8499i	-0.2931+0.3679i	0.6073+0.8316i
60.7	2.6452-0.3037i	-0.3134+1.8520i	12.1814-3.1336i	1.1241-0.0473i	0.2503-0.0825i	5.1098+4.7506i	-0.2844+0.3472i	0.6244+0.8341i
60.8	2.5479-0.3876i	-0.1184+2.0519i	12.6156-3.5778i	1.1088-0.0754i	0.2641-0.0751i	5.2192+4.7664i	-0.2765+0.3453i	0.6287+0.8460i
60.9	2.4930-0.3835i	0.3298+2.0755i	13.1743-4.8550i	1.0680-0.1011i	0.2853-0.0542i	5.4741+4.6898i	-0.2873+0.3438i	0.7309+0.8854i
61.0	2.5271-0.3101i	0.7429+1.9783i	13.4331-5.3044i	1.0651-0.0964i	0.3397-0.0747i	5.6204+4.6743i	-0.3050+0.3514i	0.8656+0.9242i
61.1	2.5200-0.3310i	0.9592+1.8304i	13.0827-5.9307i	1.0687-0.1036i	0.3006-0.0924i	5.8020+4.5840i	-0.3164+0.3823i	0.9176+0.9039i
61.2	2.6146-0.4130i	1.1686+1.5926i	13.2326-7.1130i	1.0934-0.1381i	0.2650-0.1025i	6.0250+4.4752i	-0.3385+0.4045i	1.0055+0.8255i
61.3	2.6960-0.4440i	1.3202+1.4123i	13.6451-7.9372i	1.0935-0.1460i	0.2568-0.1312i	6.1558+4.4588i	-0.3607+0.4142i	1.0824+0.7508i
61.4	2.7119-0.5305i	1.3670+1.2064i	13.7963-8.3960i	1.0898-0.1723i	0.2950-0.1266i	6.3152+4.2554i	-0.3521+0.3995i	1.1301+0.6724i
61.5	2.6940-0.6283i	1.3879+0.9809i	13.7956-9.1686i	1.0707-0.2170i	0.3154-0.1340i	6.3674+4.0572i	-0.3649+0.4249i	1.1469+0.6042i
61.6	2.7138-0.7144i	1.3806+0.8349i	14.0182-10.8314i	1.0618-0.2517i	0.3199-0.1426i	6.4451+3.9779i	-0.3805+0.4649i	1.1814+0.5656i
61.7	2.7407-0.8017i	1.3743+0.6634i	14.8939-12.3590i	1.0648-0.2785i	0.3071-0.1423i	6.4978+3.8797i	-0.3955+0.4780i	1.1904+0.4990i
61.8	2.8218-1.0340i	1.4378+0.5395i	14.7811-11.9261i	1.0738-0.3471i	0.2826-0.1545i	6.7579+3.6494i	-0.4046+0.5234i	1.2647+0.3901i
61.9	2.8557-1.1395i	1.4847+0.4187i	14.3846-13.0390i	1.0642-0.3705i	0.2880-0.1714i	6.9473+3.6189i	-0.4213+0.5529i	1.3184+0.3189i
62.0	2.8940-1.2408i	1.4121+0.3169i	14.2443-14.4747i	1.0574-0.4089i	0.3085-0.1902i	7.0152+3.6149i	-0.4477+0.5766i	1.3429+0.2720i
62.1	2.8707-1.4025i	1.4061+0.1678i	13.4323-16.0910i	1.0480-0.4362i	0.3179-0.2326i	7.2289+3.4597i	-0.4342+0.5821i	1.3574+0.1539i
62.2	2.7178-1.5371i	1.3345+0.0683i	12.6461-16.4684i	1.0061-0.4612i	0.3190-0.2606i	7.2394+3.2844i	-0.3970+0.6320i	1.3060+0.0641i
62.3	2.6587-1.6800i	1.2873+0.0097i	11.8591-18.1058i	0.9852-0.4984i	0.3221-0.2999i	7.3033+3.1078i	-0.4014+0.6665i	1.2862-0.0108i

62.4	2.5678-1.8063i	1.2372-0.0458i	11.8547-20.0457i	0.9622-0.5364i	0.3081-0.3202i	7.3359+2.8894i	-0.3966+0.6761i	1.2581-0.0890i
62.5	2.4983-1.9092i	1.1985-0.1528i	12.1616-21.4191i	0.9469-0.5738i	0.2628-0.3158i	7.4221+2.7630i	-0.3795+0.7202i	1.2245-0.1318i
62.6	2.4357-2.0264i	1.1373-0.2738i	12.1048-21.8066i	0.9180-0.6157i	0.2542-0.3191i	7.4870+2.7184i	-0.3916+0.7778i	1.1826-0.1925i
62.7	2.2860-2.1707i	1.0908-0.3606i	9.9265-23.6485i	0.8797-0.6525i	0.2012-0.3626i	7.5405+2.4296i	-0.3904+0.7844i	1.1054-0.3333i
62.8	2.1877-2.2383i	1.0291-0.3848i	8.6851-25.0285i	0.8439-0.6643i	0.1813-0.4120i	7.6551+2.3734i	-0.3781+0.8132i	1.0518-0.3960i
62.9	2.0922-2.2812i	0.9949-0.3916i	8.1716-25.5168i	0.8012-0.6888i	0.1697-0.4208i	7.5912+2.3257i	-0.3794+0.8468i	1.0094-0.4020i
63.0	1.8704-2.4056i	0.9373-0.5529i	6.8685-28.1139i	0.7623-0.7617i	0.0845-0.3846i	7.6310+1.9149i	-0.3654+0.8458i	0.8152-0.4294i
63.1	1.7803-2.5033i	0.9190-0.5932i	5.1323-29.5783i	0.7350-0.8056i	0.0273-0.3674i	7.7856+1.7970i	-0.3607+0.8846i	0.7449-0.4212i
63.2	1.6801-2.5854i	0.8992-0.5653i	3.7776-29.0871i	0.6746-0.8024i	0.0469-0.3881i	7.9537+1.6618i	-0.3144+0.9165i	0.7728-0.4830i
63.3	1.5044-2.6675i	0.8010-0.6666i	1.6422-30.1949i	0.6110-0.8358i	-0.0044-0.3939i	8.0474+1.3933i	-0.2742+0.9581i	0.7050-0.4886i
63.4	1.3918-2.7101i	0.7504-0.7000i	0.4158-32.2036i	0.5534-0.8593i	-0.0212-0.4002i	8.1312+1.3178i	-0.2666+0.9914i	0.6745-0.4976i
63.5	1.3114-2.6996i	0.6715-0.7042i	-0.7391-32.6823i	0.5059-0.8583i	-0.0218-0.3912i	8.1767+1.1897i	-0.2631+0.9996i	0.6510-0.4778i
63.6	1.1793-2.6982i	0.6178-0.7352i	-2.0774-33.5247i	0.4457-0.8547i	-0.0356-0.3612i	8.2308+0.8950i	-0.2159+0.9949i	0.6608-0.4674i
63.7	1.0104-2.7284i	0.5224-0.7746i	-6.3623-34.6373i	0.3295-0.8475i	-0.0145-0.3569i	8.2030+0.7496i	-0.1904+1.0372i	0.6825-0.5057i
63.8	0.8728-2.7245i	0.4501-0.7710i	-8.2534-35.4464i	0.2470-0.8029i	-0.0160-0.4002i	8.1084+0.5913i	-0.1685+1.0748i	0.6910-0.5649i
63.9	0.7227-2.7153i	0.4415-0.7433i	-9.8634-35.7891i	0.2097-0.7816i	-0.1306-0.4303i	8.1445+0.3432i	-0.1682+1.0988i	0.5545-0.5866i
64.0	0.7000-2.6538i	0.4651-0.6708i	-11.0465-35.3194i	0.1924-0.7425i	-0.1436-0.4505i	8.2346+0.2700i	-0.1459+1.0840i	0.5874-0.6070i
64.1	0.5651-2.6021i	0.4393-0.6775i	-13.4305-34.8872i	0.1591-0.6727i	-0.1656-0.4643i	8.3590-0.0336i	-0.0856+1.1168i	0.5714-0.6548i
64.2	0.3942-2.5825i	0.5081-0.8153i	-18.3182-36.1499i	0.1667-0.6019i	-0.3366-0.4861i	8.4228-0.3630i	-0.0929+1.1191i	0.2976-0.8023i
64.3	0.3148-2.4827i	0.4630-0.8633i	-21.4564-34.9193i	0.1678-0.5518i	-0.4136-0.4271i	8.2770-0.6150i	-0.1151+1.1273i	0.1641-0.7829i
64.4	0.3066-2.3938i	0.3987-0.8830i	-22.1068-33.7258i	0.1620-0.5342i	-0.4336-0.3515i	8.1702-0.6579i	-0.1292+1.1725i	0.1147-0.6856i
64.5	0.3297-2.2949i	0.3572-0.9609i	-24.5875-34.3141i	0.1871-0.4701i	-0.5001-0.3216i	8.2339-0.6118i	-0.0992+1.2638i	0.0352-0.6087i
64.6	0.3195-2.2760i	0.3524-0.9460i	-28.3893-32.1152i	0.2346-0.4280i	-0.5624-0.2711i	8.1056-0.8857i	-0.0888+1.2656i	-0.1248-0.6048i
64.7	0.3720-2.2526i	0.2745-0.9233i	-29.0323-31.7849i	0.2256-0.4309i	-0.5298-0.1769i	7.9334-1.1634i	-0.0940+1.3103i	-0.0818-0.5226i
64.8	0.4274-2.3027i	0.2339-1.0019i	-32.7939-31.9251i	0.2646-0.4269i	-0.6062-0.0899i	8.1567-1.3550i	-0.0985+1.4257i	-0.1782-0.4128i
64.9	0.3767-2.2992i	0.2032-1.0490i	-34.1316-29.6733i	0.3007-0.4179i	-0.6171-0.0051i	7.9787-1.6089i	-0.0394+1.4842i	-0.2613-0.3051i
65.0	0.3215-2.3692i	0.1139-1.0678i	-35.9678-26.8193i	0.3171-0.4341i	-0.5581+0.1001i	7.8425-1.9121i	0.0796+1.5631i	-0.2252-0.1978i
65.1	0.3255-2.4832i	0.1339-1.1246i	-38.8275-24.9598i	0.3683-0.4560i	-0.6038+0.1808i	7.8436-2.0698i	0.1406+1.6541i	-0.2689-0.1162i
65.2	0.2757-2.5911i	0.1400-1.1724i	-41.0374-25.4878i	0.3713-0.4791i	-0.5845+0.2476i	7.8115-2.1912i	0.1846+1.7186i	-0.2492-0.0585i
65.3	0.1766-2.6356i	0.0429-1.2132i	-43.7624-22.0620i	0.3792-0.5158i	-0.4939+0.3700i	7.6239-2.4152i	0.3334+1.7901i	-0.1513+0.0801i
65.4	0.1007-2.6819i	-0.0272-1.2093i	-47.5346-16.7243i	0.4237-0.5301i	-0.4668+0.4248i	7.6479-2.7045i	0.4869+1.7987i	-0.1403+0.1251i
65.5	-0.0172-2.7791i	-0.1553-1.2620i	-48.3798-15.1912i	0.4102-0.5812i	-0.3641+0.4442i	7.5347-2.8515i	0.6419+1.8334i	-0.0409+0.1261i
65.6	-0.0648-2.8603i	-0.2109-1.2052i	-48.4026-12.7289i	0.4278-0.6372i	-0.2982+0.4117i	7.4593-3.0124i	0.7515+1.8339i	0.0126+0.0752i
65.7	-0.2069-2.9460i	-0.1951-1.2362i	-50.9375-10.1558i	0.4166-0.6774i	-0.3066+0.4479i	7.4357-3.1539i	0.8693+1.8395i	-0.0013+0.0993i
65.8	-0.3933-3.0367i	-0.2062-1.2583i	-50.3335-6.8492i	0.3890-0.7357i	-0.2822+0.4452i	7.2449-3.3503i	0.9997+1.8273i	-0.0187+0.0843i
65.9	-0.6003-3.0164i	-0.2653-1.3892i	-51.2032-4.3698i	0.3386-0.7602i	-0.2228+0.4749i	7.1507-3.4509i	1.1602+1.7863i	0.0387+0.1316i
66.0	-0.8694-2.9498i	-0.3789-1.5380i	-51.7253-1.7574i	0.2542-0.7849i	-0.1315+0.5231i	6.8805-3.5712i	1.3417+1.6604i	0.1094+0.1408i
66.1	-1.0478-2.9514i	-0.4439-1.5618i	-52.4605+1.0465i	0.1969-0.8001i	-0.0778+0.5050i	6.7325-3.7170i	1.4663+1.5992i	0.1555+0.1164i
66.2	-1.3345-2.8293i	-0.5679-1.6591i	-50.5311+5.8235i	0.1499-0.8108i	-0.0090+0.5386i	6.3823-3.9780i	1.5996+1.4603i	0.1816+0.1717i
66.3	-1.5913-2.6169i	-0.7136-1.7090i	-48.9455+9.1195i	0.1052-0.7575i	0.0301+0.4927i	6.1286-4.2109i	1.7165+1.2657i	0.1908+0.0861i
66.4	-1.6823-2.4410i	-0.8194-1.7224i	-46.6760+12.4102i	0.0887-0.7371i	0.0145+0.4289i	5.9861-4.2778i	1.7632+1.1097i	0.1680-0.0015i
66.5	-1.7188-2.2067i	-1.0020-1.6888i	-45.9591+16.4087i	0.1021-0.7045i	-0.0038+0.3528i	5.8938-4.2381i	1.7745+0.9328i	0.0572-0.0701i
66.6	-1.8425-1.9977i	-1.2698-1.8270i	-47.4487+20.4579i	0.0804-0.6982i	-0.0065+0.4148i	5.7961-4.3843i	1.8720+0.7827i	0.0342-0.0406i
66.7	-1.9216-1.9122i	-1.4286-1.8946i	-46.3625+23.6056i	0.0443-0.7191i	-0.0383+0.4733i	5.6978-4.5014i	1.9040+0.6977i	0.0026+0.0108i
66.8	-1.9305-1.7646i	-1.6498-1.8915i	-42.7395+25.7682i	0.0381-0.7200i	-0.0490+0.5244i	5.5290-4.6261i	1.8843+0.5599i	-0.0490+0.0621i
66.9	-1.9348-1.6242i	-1.8957-1.7838i	-41.8708+27.3162i	0.0205-0.7103i	-0.0229+0.5972i	5.3460-4.7451i	1.8606+0.3973i	-0.0999+0.1062i
67.0	-1.9125-1.5281i	-2.2587-1.6338i	-41.8033+28.8403i	-0.0133-0.7026i	0.0283+0.6573i	5.3040-4.8492i	1.8562+0.2555i	-0.0778+0.1410i
67.1	-1.9485-1.3631i	-2.5287-1.5037i	-35.5425+35.0790i	-0.0381-0.7230i	0.1028+0.7135i	5.0576-5.0880i	1.8368+0.0996i	-0.0410+0.2699i
67.2	-1.9180-1.2085i	-2.7604-1.1943i	-30.8130+36.2270i	-0.0493-0.7097i	0.1697+0.7354i	4.8175-5.1941i	1.7586-0.0419i	-0.0140+0.3489i
67.3	-1.8317-1.1173i	-2.8577-1.0005i	-29.2689+33.7956i	-0.0517-0.6898i	0.1886+0.7389i	4.6925-5.1123i	1.6686-0.1220i	-0.0355+0.3767i
67.4	-1.8521-1.0239i	-2.9667-0.7876i	-27.7224+34.5522i	-0.0778-0.6859i	0.2657+0.7510i	4.4610-5.1737i	1.5808-0.2075i	-0.0217+0.4252i
67.5	-1.8669-0.8982i	-3.1048-0.5020i	-22.9900+35.2443i	-0.1134-0.6663i	0.4132+0.7168i	4.1614-5.2814i	1.4801-0.3027i	0.0575+0.4250i
67.6	-1.8391-0.7674i	-3.2407-0.2261i	-21.5595+38.2835i	-0.0973-0.6505i	0.5259+0.6824i	3.9280-5.3608i	1.4030-0.3480i	0.0920+0.4517i
67.7	-1.7709-0.6785i	-3.1974+0.1677i	-18.3828+34.5492i	-0.1207-0.6249i	0.5566+0.6235i	3.6602-5.3832i	1.3085-0.4236i	0.1310+0.4047i
67.8	-1.6852-0.6504i	-3.1281+0.4193i	-16.9127+33.4145i	-0.1251-0.6418i	0.6201+0.5933i	3.4939-5.2982i	1.2082-0.4325i	0.2130+0.4202i
67.9	-1.6801-0.6233i	-3.0367+0.5851i	-16.2743+33.1806i	-0.1462-0.6336i	0.6369+0.6018i	3.2997-5.3177i	1.1499-0.4582i	0.2268+0.4358i
68.0	-1.5887-0.5689i	-2.9475+0.9243i	-14.4665+31.8334i	-0.1481-0.6277i	0.6650+0.5254i	3.0752-5.2728i	1.0473-0.4743i	0.2713+0.3990i
68.1	-1.5470-0.5497i	-2.7745+1.2129i	-12.4580+32.3627i	-0.1716-0.6322i	0.6892+0.4677i	2.8999-5.3472i	0.9697-0.4919i	0.3208+0.3748i
68.2	-1.5521-0.5139i	-2.6965+1.3200i	-11.8771+33.6201i	-0.1881-0.6196i	0.7255+0.4497i	2.7587-5.3904i	0.9145-0.4771i	0.3473+0.4081i
68.3	-1.5492-0.4402i	-2.5839+1.4192i	-12.1687+32.3118i	-0.2017-0.5924i	0.7776+0.3990i	2.5740-5.2345i	0.8623-0.4777i	0.3790+0.3960i
68.4	-1.4741-0.3632i	-2.4303+1.6896i	-7.7806+32.0127i	-0.2013-0.5739i	0.8218+0.3086i	2.2162-5.2967i	0.7906-0.5100i	0.4487+0.3367i
68.5	-1.4679-0.3738i	-2.3063+1.7844i	-6.7156+30.8285i	-0.2347-0.5822i	0.8332+0.2884i	2.0495-5.2249i	0.7481-0.5130i	0.4811+0.2830i
68.6	-1.4355-0.3622i	-2.0724+1.8419i	-6.9698+30.2007i	-0.2461-0.5769i	0.8223+0.2404i	1.8512-5.1363i	0.6804-0.4799i	0.4980+0.2628i

68.7	−1.3908−0.2698i	−1.7906+1.9639i	−5.3947+29.1022i	−0.2567−0.5217i	0.7768+0.1660i	1.6307−5.1095i	0.6076−0.4929i	0.4729+0.2017i
68.8	−1.3541−0.2381i	−1.6411+1.9813i	−4.1941+28.3359i	−0.2456−0.4970i	0.7626+0.1657i	1.4176−4.9766i	0.5679−0.4692i	0.4524+0.1967i
68.9	−1.3024−0.2295i	−1.4831+1.9962i	−3.1777+29.9907i	−0.2259−0.4995i	0.7645+0.1547i	1.2682−4.8845i	0.5285−0.4407i	0.4575+0.2011i
69.0	−1.2792−0.1509i	−1.4112+2.0184i	−2.1494+27.5905i	−0.2407−0.4734i	0.7977+0.0876i	1.1765−4.7306i	0.5060−0.4227i	0.4955+0.1858i
69.1	−1.2565−0.1148i	−1.2677+2.0707i	−0.0643+26.6990i	−0.2551−0.4682i	0.7989+0.0021i	0.9651−4.6391i	0.4485−0.3936i	0.4676+0.1193i
69.2	−1.1672−0.1471i	−1.1915+2.0509i	−2.6121+26.9450i	−0.2290−0.4733i	0.7586+0.0021i	0.9463−4.5145i	0.4148−0.3686i	0.4510+0.0886i
69.3	−1.0940−0.1609i	−1.1003+2.0502i	−1.5797+25.8966i	−0.2161−0.4735i	0.7368+0.0007i	0.8516−4.3487i	0.3923−0.3574i	0.4831+0.0657i
69.4	−1.0232−0.2134i	−0.9480+2.0055i	−1.4935+26.3184i	−0.1744−0.4835i	0.6724+0.0015i	0.7275−4.2087i	0.3659−0.3042i	0.4221+0.0932i
69.5	−0.9682−0.2446i	−0.7827+1.9688i	−2.1860+24.0016i	−0.1652−0.4763i	0.6273−0.0029i	0.6054−4.0667i	0.3293−0.2875i	0.3767+0.0711i
69.6	−0.9373−0.2064i	−0.6428+1.9602i	−0.4553+22.2732i	−0.1718−0.4698i	0.6154+0.0056i	0.4416−3.9398i	0.2930−0.2688i	0.3676+0.0592i
69.7	−0.9797−0.2485i	−0.6383+1.9268i	−0.0511+22.6413i	−0.2036−0.5046i	0.6498+0.0344i	0.4336−3.8344i	0.2928−0.2434i	0.3814+0.0618i
69.8	−0.9868−0.2934i	−0.6101+1.8130i	0.4549+21.9016i	−0.2036−0.5369i	0.6857+0.1009i	0.3985−3.6626i	0.3052−0.2518i	0.4026+0.0897i
69.9	−1.0156−0.3005i	−0.5475+1.7858i	1.4030+22.2023i	−0.1926−0.5413i	0.7091+0.0865i	0.2889−3.5450i	0.2796−0.2175i	0.3874+0.0831i
70.0	−1.0195−0.3253i	−0.5216+1.8177i	2.0580+23.3756i	−0.2023−0.5481i	0.7394+0.0751i	0.2361−3.5080i	0.2718−0.1969i	0.3936+0.0891i
70.1	−1.0164−0.3643i	−0.4626+1.7933i	2.3146+22.9210i	−0.2044−0.5825i	0.7893+0.1026i	0.2039−3.3469i	0.2472−0.1797i	0.3799+0.1371i
70.2	−1.0669−0.3658i	−0.3912+1.8016i	3.4122+22.4712i	−0.2117−0.5841i	0.8605+0.0930i	0.0791−3.3134i	0.2217−0.1807i	0.3711+0.1110i
70.3	−1.0339−0.3598i	−0.3146+1.7975i	3.2341+21.8627i	−0.2032−0.5853i	0.8702+0.0560i	−0.0052−3.1802i	0.1912−0.1653i	0.3535+0.1158i
70.4	−1.0522−0.3852i	−0.2382+1.7416i	2.4693+21.2195i	−0.2162−0.6069i	0.8866+0.0569i	−0.0178−3.0238i	0.1842−0.1551i	0.3538+0.1249i
70.5	−1.0663−0.4148i	−0.1932+1.6888i	2.8519+20.1869i	−0.2112−0.6151i	0.9147+0.0612i	−0.0859−2.9337i	0.1531−0.1411i	0.3336+0.1291i
70.6	−1.1006−0.3981i	−0.1484+1.6767i	2.3443+20.3977i	−0.2401−0.6157i	0.9464+0.0223i	−0.1013−2.8173i	0.1411−0.1072i	0.3500+0.1386i
70.7	−1.1216−0.3853i	−0.1130+1.6351i	3.7420+19.6849i	−0.2609−0.6262i	0.9542+0.0121i	−0.1404−2.6540i	0.1373−0.0697i	0.3616+0.1432i
70.8	−1.1136−0.3090i	−0.1013+1.6037i	4.3694+18.8531i	−0.2812−0.5959i	0.9702−0.0585i	−0.2085−2.4968i	0.1063−0.0284i	0.3562+0.1192i
70.9	−1.1500−0.2663i	−0.0814+1.6352i	5.0906+18.7541i	−0.3013−0.5905i	1.0177−0.1137i	−0.2075−2.4357i	0.1056−0.0028i	0.3623+0.1212i
71.0	−1.2251−0.2657i	−0.0667+1.6123i	6.4787+18.7813i	−0.3208−0.5957i	1.1219−0.1060i	−0.2168−2.3806i	0.0904−0.0182i	0.3739+0.1100i
71.1	−1.2222−0.2785i	−0.0132+1.5660i	6.0077+18.5691i	−0.3153−0.6190i	1.1658−0.1609i	−0.2011−2.2345i	0.0689+0.0295i	0.3730+0.1271i
71.2	−1.2337−0.2472i	−0.0117+1.5850i	4.1881+19.0413i	−0.3254−0.6210i	1.2164−0.2410i	−0.1348−2.0846i	0.0417+0.0779i	0.3718+0.1326i
71.3	−1.3188−0.2535i	−0.0088+1.5796i	6.0079+18.9083i	−0.3658−0.6311i	1.2676−0.2855i	−0.1204−1.9929i	0.0565+0.1125i	0.3860+0.1254i
71.4	−1.3266−0.2147i	0.0242+1.5440i	5.9460+18.2433i	−0.4178−0.6281i	1.2605−0.3681i	−0.0250−1.8373i	0.0725+0.1374i	0.3857+0.1020i
71.5	−1.3449−0.2106i	0.0651+1.5219i	5.6444+17.0785i	−0.4015−0.6422i	1.2999−0.4137i	−0.0640−1.7396i	0.0803+0.1779i	0.3875+0.1218i
71.6	−1.3955−0.1506i	0.1171+1.5259i	5.4633+16.4952i	−0.4199−0.6347i	1.3035−0.5207i	−0.0922−1.6865i	0.1147+0.1883i	0.4016+0.0954i
71.7	−1.4346−0.1125i	0.1384+1.5879i	6.0830+17.4456i	−0.4510−0.6449i	1.3469−0.6477i	−0.0265−1.6384i	0.1087+0.2372i	0.4057+0.0901i
71.8	−1.3974−0.0257i	0.2258+1.5960i	6.1620+15.9209i	−0.4679−0.6217i	1.2872−0.7893i	−0.0044−1.5369i	0.1180+0.2936i	0.3902+0.0742i
71.9	−1.4410+0.0633i	0.2059+1.5584i	6.9554+15.6010i	−0.4778−0.6250i	1.3231−0.8743i	0.0195−1.4148i	0.1172+0.2998i	0.3945+0.0915i
72.0	−1.4825+0.1041i	0.1906+1.5732i	7.2889+17.1555i	−0.5442−0.6379i	1.3012−0.9980i	0.1436−1.3546i	0.1666+0.3660i	0.4192+0.0894i
72.1	−1.4447+0.1662i	0.2677+1.5808i	7.5316+17.4864i	−0.5635−0.6302i	1.2007−1.1150i	0.2236−1.3123i	0.2010+0.4042i	0.3888+0.0824i
72.2	−1.4299+0.2251i	0.3095+1.5661i	7.2246+16.0233i	−0.5689−0.6244i	1.1323−1.1798i	0.2055−1.2580i	0.2254+0.4135i	0.3819+0.0719i
72.3	−1.3981+0.2845i	0.3749+1.5607i	7.7744+15.3595i	−0.5702−0.6070i	1.0376−1.2307i	0.1947−1.2227i	0.3037+0.4226i	0.3836+0.0685i
72.4	−1.3361+0.3457i	0.4221+1.5420i	7.4633+15.0806i	−0.5927−0.6021i	0.9323−1.2863i	0.2690−1.1064i	0.3362+0.4185i	0.3627+0.0849i
72.5	−1.3149+0.3751i	0.4783+1.5218i	7.6172+15.0960i	−0.6135−0.5848i	0.8628−1.3409i	0.3225−1.1050i	0.3499+0.4047i	0.3411+0.0668i
72.6	−1.3230+0.3983i	0.4917+1.5038i	7.8440+15.1558i	−0.6323−0.5754i	0.8218−1.3830i	0.3518−1.0910i	0.3705+0.4301i	0.3358+0.0684i
72.7	−1.3056+0.4651i	0.5575+1.4926i	9.4287+14.1484i	−0.6432−0.5568i	0.7585−1.4543i	0.3325−1.0874i	0.4016+0.4271i	0.3326+0.0759i
72.8	−1.2461+0.5027i	0.6564+1.4910i	9.3454+13.0462i	−0.6766−0.5542i	0.6066−1.5296i	0.3562−1.0426i	0.4473+0.4417i	0.3365+0.0790i
72.9	−1.2182+0.5374i	0.7264+1.4658i	9.4221+13.7785i	−0.7070−0.5385i	0.5214−1.5623i	0.4243−1.0357i	0.4938+0.4434i	0.3340+0.0903i
73.0	−1.1729+0.5833i	0.7404+1.4141i	8.3553+13.3914i	−0.7378−0.5221i	0.4298−1.5789i	0.4943−0.9688i	0.5023+0.4296i	0.3338+0.0985i
73.1	−1.0401+0.6222i	0.7841+1.3518i	7.4971+13.2414i	−0.7274−0.4981i	0.2848−1.5595i	0.4897−0.8963i	0.5179+0.4005i	0.3319+0.0894i
73.2	−0.9814+0.5960i	0.8179+1.2536i	8.0087+12.2361i	−0.7062−0.4918i	0.2091−1.4763i	0.4886−0.8582i	0.5386+0.3709i	0.3283+0.0898i
73.3	−1.0087+0.5475i	0.8708+1.2231i	8.6624+13.2125i	−0.7554−0.4897i	0.1348−1.4425i	0.5770−0.8110i	0.5868+0.3925i	0.3273+0.1196i
73.4	−0.9891+0.5281i	0.8776+1.1889i	8.3611+12.9779i	−0.7626−0.4810i	0.0776−1.4161i	0.5664−0.7771i	0.5936+0.3886i	0.3101+0.1282i
73.5	−0.9295+0.5702i	0.9101+1.1217i	8.7021+12.7896i	−0.7749−0.4342i	0.0020−1.3708i	0.6052−0.7694i	0.6140+0.3377i	0.3020+0.1233i
73.6	−0.9160+0.5770i	0.9338+1.0763i	9.1626+12.0464i	−0.7978−0.4278i	−0.0534−1.3450i	0.6177−0.7225i	0.6241+0.3069i	0.3083+0.1314i
73.7	−0.9247+0.5851i	0.9486+1.0022i	8.7393+12.0203i	−0.8176−0.3994i	−0.1071−1.3235i	0.6136−0.6933i	0.6483+0.3022i	0.3081+0.1540i
73.8	−0.9172+0.5901i	0.9386+0.9573i	9.1694+11.6885i	−0.8243−0.3863i	−0.1151−1.2974i	0.6218−0.6903i	0.6316+0.2867i	0.3057+0.1680i
73.9	−0.8928+0.5911i	0.9257+0.9240i	9.6711+11.9422i	−0.8327−0.3773i	−0.1541−1.2908i	0.6556−0.6783i	0.6259+0.2886i	0.3101+0.1704i
74.0	−0.8651+0.5949i	0.9259+0.8754i	9.6963+11.9708i	−0.8625−0.3763i	−0.1854−1.2757i	0.7237−0.5813i	0.6484+0.2805i	0.3136+0.1857i
74.1	−0.8220+0.5858i	0.9218+0.8066i	9.8494+10.9626i	−0.8426−0.3531i	−0.2088−1.2101i	0.6674−0.5322i	0.6220+0.2128i	0.2947+0.1864i
74.2	−0.7661+0.5553i	0.9596+0.7604i	10.2768+9.9722i	−0.8380−0.2964i	−0.3256−1.1012i	0.6667−0.5173i	0.6859+0.2031i	0.3119+0.1929i
74.3	−0.7438+0.5697i	0.9246+0.7474i	9.6355+10.3369i	−0.8318−0.2741i	−0.3279−1.0822i	0.7328−0.4329i	0.6929+0.2291i	0.3124+0.2145i
74.4	−0.7065+0.5977i	0.8879+0.7320i	9.5230+10.8300i	−0.8191−0.2352i	−0.3409−1.0510i	0.7973−0.3553i	0.6811+0.2068i	0.3140+0.2223i
74.5	−0.7320+0.6329i	0.8911+0.7133i	10.1318+10.8558i	−0.8626−0.2058i	−0.3681−1.0572i	0.8649−0.3300i	0.7037+0.1975i	0.3407+0.2448i
74.6	−0.7274+0.6045i	0.8980+0.6834i	10.3313+10.1657i	−0.8537−0.2359i	−0.3695−1.0544i	0.8458−0.2862i	0.6779+0.1939i	0.3416+0.2494i
74.7	−0.7102+0.6198i	0.8881+0.6577i	10.1969+10.1757i	−0.8311−0.2176i	−0.3653−1.0104i	0.8959−0.2498i	0.6800+0.1528i	0.3498+0.2401i
74.8	−0.6901+0.5970i	0.8945+0.6509i	10.6108+9.9900i	−0.8292−0.1949i	−0.3887−0.9925i	0.9831−0.2665i	0.6861+0.1894i	0.3614+0.2683i
74.9	−0.6729+0.5827i	0.8907+0.6418i	10.3642+10.1560i	−0.8177−0.1849i	−0.3876−0.9312i	1.0194−0.1962i	0.6867+0.1570i	0.3523+0.2731i

75.0	−0.6563+0.5783i	0.8521+0.6053i	10.2498+9.4217i	−0.7862−0.1854i	−0.3610−0.8550i	1.0511−0.0740i	0.6715+0.1071i	0.3577+0.2827i
75.1	−0.6388+0.5913i	0.8313+0.6005i	10.3771+8.7758i	−0.7842−0.1874i	−0.3521−0.8610i	1.0755−0.0252i	0.6531+0.1139i	0.3714+0.2982i
75.2	−0.6024+0.6062i	0.8525+0.5900i	10.7334+8.4521i	−0.8063−0.1558i	−0.3968−0.8465i	1.1746−0.0003i	0.6772+0.1148i	0.3933+0.3031i
75.3	−0.6097+0.6194i	0.8625+0.5857i	11.0739+8.3791i	−0.7919−0.1561i	−0.3657−0.8490i	1.2790+0.0237i	0.6709+0.1292i	0.4020+0.3244i
75.4	−0.6461+0.6580i	0.8765+0.5541i	11.2374+8.4590i	−0.8076−0.1436i	−0.3708−0.8480i	1.3955+0.0718i	0.7145+0.1150i	0.4287+0.3458i
75.5	−0.6432+0.6053i	0.8957+0.5250i	10.9742+8.4594i	−0.8241−0.1546i	−0.3780−0.8183i	1.5019+0.0695i	0.7130+0.1199i	0.4460+0.3567i
75.6	−0.6515+0.5941i	0.8915+0.5081i	11.5387+7.8897i	−0.8282−0.1723i	−0.3628−0.8019i	1.4935+0.0914i	0.7029+0.1130i	0.4387+0.3552i
75.7	−0.6319+0.6372i	0.9006+0.5209i	11.9732+7.5445i	−0.8239−0.2018i	−0.3326−0.8409i	1.6425+0.1278i	0.6874+0.1312i	0.4548+0.3736i
75.8	−0.5428+0.6376i	0.8999+0.4956i	12.0211+7.0769i	−0.8155−0.1928i	−0.3726−0.8163i	1.7252+0.1284i	0.6601+0.1092i	0.4719+0.3641i
75.9	−0.5849+0.6635i	0.9155+0.4443i	12.1775+6.5020i	−0.8912−0.1848i	−0.4042−0.8283i	1.8660+0.1712i	0.7265+0.1213i	0.5090+0.3853i
76.0	−0.6037+0.7158i	0.8941+0.4241i	12.2564+6.3399i	−0.8967−0.1589i	−0.3829−0.8446i	1.9698+0.1705i	0.7438+0.1121i	0.5137+0.3920i
76.1	−0.5882+0.6670i	0.9031+0.3923i	11.9526+6.2303i	−0.9190−0.1621i	−0.4232−0.8176i	1.9777+0.1585i	0.7443+0.1317i	0.5279+0.4054i
76.2	−0.5374+0.6043i	0.9209+0.3817i	12.6454+5.5966i	−0.9123−0.1996i	−0.4183−0.8312i	2.1285+0.0929i	0.7090+0.1413i	0.5456+0.4226i
76.3	−0.5678+0.6529i	0.9354+0.3377i	12.7451+5.4628i	−0.9875−0.1386i	−0.4360−0.8113i	2.3060+0.0090i	0.7632+0.1100i	0.5878+0.4170i
76.4	−0.5294+0.6654i	0.9465+0.2830i	12.2487+4.6871i	−1.0332−0.1212i	−0.5136−0.7862i	2.3731−0.0015i	0.7905+0.0978i	0.6180+0.4211i
76.5	−0.4805+0.7369i	0.9189+0.2222i	12.2569+4.3777i	−0.9830−0.0755i	−0.4857−0.7691i	2.4392+0.0270i	0.7770+0.0383i	0.6265+0.4112i
76.6	−0.4150+0.7317i	0.9077+0.2334i	12.9238+4.6190i	−0.9298−0.0146i	−0.4762−0.7969i	2.5122−0.2088i	0.7754+0.0397i	0.6536+0.4020i
76.7	−0.4245+0.7256i	0.9261+0.2274i	12.8531+3.8307i	−0.9945−0.0213i	−0.5094−0.8022i	2.6324−0.1722i	0.7844+0.0640i	0.6717+0.4258i
76.8	−0.3469+0.7259i	0.9097+0.1706i	12.4264+4.1210i	−0.9808+0.0105i	−0.5379−0.7917i	2.6836−0.2470i	0.7563+0.0634i	0.6803+0.4275i
76.9	−0.3741+0.6927i	0.8949+0.1327i	12.1853+3.7736i	−0.9876+0.0489i	−0.5331−0.7562i	2.7741−0.3193i	0.8002+0.0893i	0.7166+0.4408i
77.0	−0.3032+0.6982i	0.8730+0.1035i	12.0938+2.6786i	−0.9824+0.0929i	−0.5605−0.7091i	2.8890−0.2755i	0.8030+0.0854i	0.7366+0.4602i
77.1	−0.2840+0.6985i	0.8511+0.0834i	12.0675+2.5783i	−0.9648+0.0901i	−0.5287−0.7092i	2.9562−0.2915i	0.8051+0.0730i	0.7429+0.4753i
77.2	−0.2365+0.6386i	0.8684+0.0504i	12.1781+2.2325i	−0.9311+0.0970i	−0.5497−0.7371i	2.9491−0.4002i	0.7952+0.1309i	0.7640+0.4941i
77.3	−0.2090+0.6124i	0.8223+0.0034i	11.7283+1.7648i	−0.9014+0.1190i	−0.5664−0.7173i	2.9916−0.4527i	0.8376+0.1292i	0.8249+0.5043i
77.4	−0.1339+0.5648i	0.7539+0.0041i	11.6913+1.9149i	−0.8687+0.1075i	−0.5508−0.7122i	3.1815−0.4760i	0.8139+0.1312i	0.8656+0.5068i
77.5	−0.1104+0.4437i	0.7192+0.0015i	11.4666+1.0646i	−0.8508+0.0741i	−0.5524−0.6970i	3.3456−0.6224i	0.8212+0.1573i	0.9152+0.4977i
77.6	−0.1783+0.3432i	0.6957−0.0123i	11.8078+0.3493i	−0.8652+0.0138i	−0.5699−0.7049i	3.3106−0.7614i	0.8948+0.1730i	0.9664+0.4990i
77.7	−0.1749+0.3243i	0.6502−0.0267i	12.0480+0.5521i	−0.7751+0.0351i	−0.5798−0.7079i	3.2403−0.8146i	0.9968+0.1878i	1.0080+0.5149i
77.8	−0.2330+0.3245i	0.6470−0.0480i	11.8495+0.1439i	−0.8256−0.0031i	−0.6088−0.7384i	3.3187−0.8799i	1.0588+0.1788i	1.0683+0.5082i
77.9	−0.3255+0.3106i	0.6055−0.0879i	11.7543−0.1417i	−0.8620−0.0251i	−0.6277−0.7211i	3.2000−0.9767i	1.1007+0.1154i	1.1113+0.4753i
78.0	−0.4257+0.2377i	0.5895−0.1234i	11.5744−0.4281i	−0.9084−0.0712i	−0.6491−0.6795i	3.1474−1.0310i	1.1533+0.0750i	1.1591+0.4433i
78.1	−0.4380+0.1843i	0.5188−0.1195i	11.1054−1.3607i	−0.9567−0.0904i	−0.6865−0.6636i	3.2664−1.1787i	1.2003+0.0082i	1.2432+0.4126i
78.2	−0.4924+0.1354i	0.5170−0.1067i	10.7464−2.3427i	−1.0456−0.0960i	−0.7285−0.6235i	3.4070−1.2687i	1.2366−0.0375i	1.3167+0.3646i
78.3	−0.5787+0.1882i	0.4424−0.0714i	10.4970−2.4907i	−1.0860−0.0904i	−0.7394−0.5559i	3.3305−1.2619i	1.2655−0.1682i	1.3462+0.2707i
78.4	−0.6404+0.2213i	0.4225−0.0658i	10.5039−2.2840i	−1.1461−0.0880i	−0.7317−0.5601i	3.3255−1.2358i	1.2341−0.2136i	1.3618+0.2445i
78.5	−0.7179+0.1931i	0.4039−0.0576i	10.2870−2.5631i	−1.2341−0.0985i	−0.7245−0.5628i	3.3772−1.3768i	1.2323−0.2297i	1.3933+0.2271i
78.6	−0.8246+0.2263i	0.3578−0.0063i	9.0460−2.6840i	−1.2518−0.0020i	−0.6768−0.5349i	3.1530−1.5867i	1.1949−0.3094i	1.3883+0.1267i
78.7	−0.8739+0.3639i	0.3337+0.0040i	8.6080−2.9845i	−1.2682+0.1085i	−0.6486−0.5022i	3.0388−1.5933i	1.1294−0.3714i	1.3655+0.0273i
78.8	−0.9193+0.5165i	0.3385+0.0500i	7.9751−4.0428i	−1.3197+0.2275i	−0.6049−0.4764i	3.0113−1.6128i	1.0294−0.4413i	1.3475−0.0772i
78.9	−0.8549+0.6046i	0.2424+0.1445i	5.6572−2.9814i	−1.1907+0.3010i	−0.4899−0.5110i	2.5811−1.3343i	0.8310−0.3633i	1.1528−0.0777i
79.0	−0.8217+0.6277i	0.2847+0.3006i	6.1013−0.6698i	−1.0989+0.1985i	−0.4567−0.7002i	2.8349−0.5529i	0.8291−0.0625i	1.1038+0.1792i
79.1	−0.8909+0.7212i	0.4522+0.3245i	8.8132−0.7078i	−1.2534+0.1133i	−0.6258−0.8117i	3.8264−0.5452i	1.1593−0.0578i	1.4137+0.2440i
79.2	−0.9435+0.8127i	0.5246+0.2615i	9.0935−1.8873i	−1.3848+0.1757i	−0.7071−0.8004i	4.1752−0.9150i	1.2754−0.1532i	1.5688+0.1363i
79.3	−0.9490+0.8936i	0.5584+0.2204i	8.9288−2.8895i	−1.4126+0.2627i	−0.7605−0.7612i	4.1436−1.1642i	1.3269−0.2332i	1.6175+0.0401i
79.4	−0.8370+0.9920i	0.5564+0.1658i	9.1440−3.7411i	−1.4133+0.3348i	−0.7854−0.7466i	4.3788−1.3495i	1.2770−0.3357i	1.6227−0.0777i
79.5	−0.8315+1.0839i	0.5221+0.1065i	8.6411−4.0897i	−1.4439+0.4044i	−0.7790−0.7355i	4.5717−1.5759i	1.2828−0.4554i	1.6337−0.1984i
79.6	−0.6719+1.0981i	0.5373+0.1401i	7.8628−4.7688i	−1.3921+0.4260i	−0.8248−0.7501i	4.5588−1.7727i	1.2297−0.4585i	1.5902−0.2403i
79.7	−0.6094+1.0864i	0.5438+0.1421i	7.0045−5.1430i	−1.3822+0.4417i	−0.8826−0.7722i	4.5467−1.9269i	1.2462−0.4403i	1.5875−0.2561i
79.8	−0.6005+1.0715i	0.5585+0.1249i	6.9140−5.3123i	−1.4247+0.4509i	−0.9251−0.7745i	4.6781−2.1949i	1.2649−0.4803i	1.6041−0.3144i
79.9	−0.5634+1.0905i	0.5878+0.1040i	6.7785−5.4611i	−1.4581+0.4912i	−0.9952−0.7733i	4.8716−2.4244i	1.2816−0.5347i	1.6278−0.3763i
80.0	−0.4509+1.1015i	0.6268+0.1123i	5.6885−5.5057i	−1.4530+0.5579i	−1.0635−0.7548i	4.9930−2.7475i	1.2685−0.5947i	1.6182−0.4476i

2.1.28 Run 3 – IP315 – Accels 25–32

In-plane shaking at 315°. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	16.0707+0.0000i	15.9889+0.0000i	14.4378+0.0000i	14.8174+0.0000i	-24.9998+0.0000i	43.7921+0.0000i	13.2909+0.0000i	-10.3910+0.0000i
0.1	15.9519+0.1975i	15.8531+0.0286i	14.3241+0.0413i	14.7331+0.0308i	-25.1281+0.0501i	43.5621+0.6692i	12.8598+0.0587i	-10.5232-0.5952i
0.2	0.1578-0.6049i	0.0080-0.0254i	-0.1371+0.1074i	0.3652+0.1028i	0.9770+0.0200i	0.3894+0.9443i	1.4893-0.0745i	-0.4897-0.9571i
0.3	-0.1278-0.0023i	-0.0662-0.0344i	-0.0641-0.0439i	0.0562-0.0122i	0.1668+0.1538i	-0.1268-0.0156i	-0.2095-0.0109i	-0.1701-0.4717i
0.4	0.0083-0.0264i	-0.0015-0.0324i	0.0269-0.0189i	-0.0215-0.0344i	-0.1722-0.0692i	0.0028-0.0274i	-0.1057+0.1057i	0.0134-0.0241i
0.5	0.0161+0.0053i	-0.0133+0.0038i	0.0141+0.0093i	0.0301-0.0108i	-0.1044-0.0420i	-0.0449-0.0121i	-0.0812-0.0251i	-0.0551+0.0451i
0.6	0.0019+0.0020i	-0.0215+0.0009i	0.0297+0.0087i	-0.0165-0.0088i	0.0339+0.0063i	-0.0027+0.0030i	-0.0130-0.0473i	-0.0276-0.0037i
0.7	0.0000+0.0005i	-0.0304-0.0057i	0.0427+0.0110i	-0.0172-0.0002i	0.0080-0.0040i	0.0187+0.0055i	0.0137-0.0113i	-0.0237-0.0027i
0.8	-0.0002+0.0012i	-0.0397-0.0056i	0.0457+0.0138i	0.0032+0.0048i	-0.0102-0.0107i	0.0256+0.0029i	0.0105+0.0088i	-0.0347+0.0010i
0.9	-0.0004-0.0010i	-0.0478-0.0029i	0.0662+0.0248i	-0.0075+0.0083i	-0.0128-0.0200i	0.0287-0.0047i	0.0127-0.0072i	-0.0411+0.0015i
1.0	0.0023-0.0019i	-0.0548-0.0027i	0.0950+0.0382i	-0.0112-0.0021i	-0.0133-0.0301i	0.0315-0.0081i	0.0158-0.0081i	-0.0455+0.0057i
1.1	0.0032-0.0032i	-0.0795+0.0006i	0.1499+0.1048i	-0.0159+0.0610i	0.0203-0.0272i	0.0641-0.0302i	0.0491-0.0013i	-0.0795+0.0629i
1.2	0.0015+0.0020i	-0.1167+0.0017i	0.2851+0.1250i	0.0161-0.0224i	0.0100-0.0315i	0.0666-0.0296i	0.0278+0.0097i	-0.0784+0.0451i
1.3	0.0042+0.0003i	-0.1492+0.0009i	0.5201+0.2834i	0.0442+0.0039i	0.0016-0.0393i	0.0868-0.0458i	0.0372-0.0111i	-0.1115+0.0515i
1.4	0.0050+0.0014i	-0.1672-0.0056i	1.2884+0.0835i	0.0860-0.0256i	-0.0145-0.0244i	0.1126-0.0463i	0.0367-0.0099i	-0.1483+0.0481i
1.5	0.0038+0.0037i	-0.2073-0.0262i	1.2523-1.1885i	0.0546-0.1013i	0.0041-0.0044i	0.1817-0.0617i	0.0568+0.0020i	-0.2247+0.0758i
1.6	0.0027+0.0066i	-0.2692-0.0433i	0.1662-1.6537i	-0.0191-0.0930i	0.0339-0.0403i	0.2482-0.1422i	0.0946-0.0162i	-0.2892+0.1676i
1.7	0.0051+0.0140i	-0.3561-0.0425i	-0.4577-1.4078i	-0.0444-0.0623i	-0.0046-0.1095i	0.2117-0.3061i	0.0977-0.0618i	-0.2513+0.3468i
1.8	0.0184+0.0275i	-0.5068-0.0298i	-0.8003-1.1304i	-0.0667-0.0441i	-0.0985-0.1819i	0.0352-0.5261i	0.0757-0.1100i	-0.0591+0.5957i
1.9	0.0413+0.0294i	-0.7150-0.0168i	-1.0514-0.6487i	-0.0458+0.0089i	-0.2286-0.1504i	-0.2481-0.4878i	0.0486-0.0970i	0.2529+0.5606i
2.0	0.0658+0.0254i	-1.0505+0.0078i	-1.0110-0.3028i	-0.0184+0.0374i	-0.3229-0.0845i	-0.3793-0.3396i	0.0745-0.0704i	0.3965+0.3998i
2.1	0.1006+0.0147i	-1.7238+0.1560i	-0.8789-0.0985i	0.0143+0.0469i	-0.4333-0.0028i	-0.3999-0.1969i	0.1698-0.0621i	0.4144+0.2435i
2.2	0.1498-0.0028i	-2.7842+0.4975i	-0.8181-0.0290i	0.0533+0.0534i	-0.5958+0.0865i	-0.3807-0.1306i	0.3487-0.0950i	0.3807+0.1762i
2.3	0.1171-0.0396i	-1.9557+1.1672i	-0.6641+0.0358i	0.0537+0.0232i	-0.4361+0.2093i	-0.3479-0.0682i	0.2244-0.1867i	0.3625+0.1134i
2.4	-0.0978-0.0207i	2.7996+0.6191i	-0.3480+0.1017i	-0.0845-0.0392i	0.3732+0.1186i	-0.2881-0.0057i	-0.5469-0.0804i	0.3620+0.0240i
2.5	-0.0556-0.0118i	1.8491+0.3912i	-0.3532+0.0769i	-0.0498-0.0197i	0.2224+0.0920i	-0.2719+0.0114i	-0.3864-0.0399i	0.3310+0.0037i
2.6	-0.0338-0.0041i	1.3579+0.2166i	-0.3339+0.0653i	-0.0270-0.0127i	0.1487+0.0699i	-0.2537+0.0277i	-0.2980-0.0045i	0.3035-0.0169i
2.7	-0.0217+0.0009i	1.1083+0.1224i	-0.3165+0.0625i	-0.0150-0.0076i	0.1142+0.0606i	-0.2415+0.0418i	-0.2529+0.0170i	0.2861-0.0333i
2.8	-0.0147+0.0019i	0.9624+0.0898i	-0.3065+0.0626i	-0.0073-0.0055i	0.0934+0.0588i	-0.2338+0.0515i	-0.2284+0.0270i	0.2749-0.0440i
2.9	-0.0085+0.0018i	0.8485+0.0794i	-0.2922+0.0620i	-0.0049-0.0039i	0.0788+0.0621i	-0.2229+0.0626i	-0.2083+0.0333i	0.2621-0.0571i
3.0	-0.0022+0.0030i	0.7466+0.0589i	-0.2765+0.0585i	0.0042+0.0037i	0.0706+0.0593i	-0.2104+0.0703i	-0.1881+0.0415i	0.2463-0.0656i
3.1	0.0026+0.0029i	0.6922+0.0569i	-0.2549+0.0585i	0.0036-0.0021i	0.0737+0.0668i	-0.1907+0.0813i	-0.1662+0.0480i	0.2259-0.0765i
3.2	0.0061+0.0029i	0.6498+0.0520i	-0.2394+0.0489i	0.0058-0.0096i	0.0766+0.0631i	-0.1772+0.0799i	-0.1516+0.0446i	0.2105-0.0761i
3.3	0.0099+0.0033i	0.6130+0.0462i	-0.2288+0.0512i	0.0116-0.0047i	0.0812+0.0721i	-0.1632+0.0945i	-0.1396+0.0523i	0.1963-0.0911i
3.4	0.0121+0.0034i	0.5892+0.0375i	-0.2276+0.0469i	0.0178-0.0027i	0.0772+0.0726i	-0.1657+0.0971i	-0.1394+0.0537i	0.1975-0.0940i
3.5	0.0158+0.0033i	0.5610+0.0378i	-0.2198+0.0376i	0.0195-0.0043i	0.0804+0.0650i	-0.1555+0.0904i	-0.1318+0.0473i	0.1881-0.0876i
3.6	0.0190+0.0037i	0.5401+0.0356i	-0.2124+0.0381i	0.0244-0.0037i	0.0873+0.0690i	-0.1449+0.0972i	-0.1247+0.0508i	0.1794-0.0940i
3.7	0.0219+0.0027i	0.5200+0.0322i	-0.2054+0.0251i	0.0382-0.0051i	0.0941+0.0569i	-0.1363+0.0866i	-0.1168+0.0433i	0.1689-0.0845i
3.8	0.0261+0.0036i	0.5046+0.0346i	-0.1977+0.0312i	0.0422-0.0107i	0.1084+0.0703i	-0.1226+0.1096i	-0.1068+0.0568i	0.1547-0.1084i
3.9	0.0285+0.0060i	0.4946+0.0331i	-0.1959+0.0414i	0.0431-0.0111i	0.1151+0.0890i	-0.1200+0.1428i	-0.1051+0.0712i	0.1527-0.1411i
4.0	0.0335+0.0053i	0.4833+0.0318i	-0.1934+0.0350i	0.0477-0.0154i	0.1235+0.0789i	-0.1027+0.1321i	-0.1047+0.0623i	0.1373-0.1304i
4.1	0.0371+0.0029i	0.4745+0.0306i	-0.1886+0.0223i	0.0504-0.0096i	0.1328+0.0582i	-0.0932+0.1020i	-0.1027+0.0525i	0.1270-0.1016i
4.2	0.0401+0.0021i	0.4652+0.0328i	-0.1866+0.0148i	0.0652-0.0168i	0.1383+0.0457i	-0.0958+0.0921i	-0.1002+0.0485i	0.1284-0.0921i
4.3	0.0432+0.0015i	0.4598+0.0335i	-0.1766+0.0083i	0.0703-0.0193i	0.1635+0.0343i	-0.0760+0.0923i	-0.0933+0.0436i	0.1104-0.0929i
4.4	0.0474+0.0019i	0.4564+0.0379i	-0.1784+0.0082i	0.0673-0.0269i	0.1629+0.0256i	-0.0682+0.1023i	-0.0931+0.0572i	0.1027-0.1055i
4.5	0.0498+0.0012i	0.4555+0.0359i	-0.1879+0.0042i	0.0744-0.0250i	0.1436+0.0229i	-0.0880+0.0842i	-0.0998+0.0480i	0.1218-0.0872i
4.6	0.0519+0.0024i	0.4536+0.0332i	-0.1887+0.0081i	0.0816-0.0328i	0.1432+0.0383i	-0.1036+0.0893i	-0.1034+0.0431i	0.1383-0.0909i
4.7	0.0558+0.0014i	0.4504+0.0355i	-0.1835+0.0028i	0.0886-0.0434i	0.1602+0.0288i	-0.1033+0.0931i	-0.0933+0.0399i	0.1385-0.0945i
4.8	0.0613-0.0006i	0.4401+0.0402i	-0.1850-0.0003i	0.1031-0.0494i	0.1679+0.0106i	-0.1231+0.0989i	-0.1119+0.0534i	0.1584-0.1030i
4.9	0.0674-0.0023i	0.4363+0.0430i	-0.1835-0.0022i	0.1120-0.0628i	0.1821-0.0016i	-0.1238+0.1130i	-0.1217+0.0602i	0.1616-0.1187i
5.0	0.0717-0.0009i	0.4365+0.0470i	-0.1809-0.0001i	0.1115-0.0733i	0.2031-0.0073i	-0.1393+0.1383i	-0.1357+0.0709i	0.1803-0.1469i
5.1	0.0764-0.0004i	0.4349+0.0472i	-0.1840-0.0020i	0.1108-0.0727i	0.2176-0.0186i	-0.1531+0.1672i	-0.1642+0.0863i	0.1971-0.1788i
5.2	0.0807-0.0004i	0.4372+0.0534i	-0.1873-0.0075i	0.1135-0.0933i	0.2222-0.0438i	-0.1408+0.1919i	-0.1724+0.0891i	0.1859-0.2061i
5.3	0.0887-0.0016i	0.4366+0.0654i	-0.1873-0.0153i	0.1287-0.1160i	0.2332-0.0849i	-0.1268+0.2492i	-0.1806+0.1179i	0.1748-0.2698i
5.4	0.0926-0.0026i	0.4440+0.0744i	-0.1887-0.0139i	0.1045-0.1145i	0.2379-0.1080i	-0.1250+0.2793i	-0.1974+0.1649i	0.1725-0.3052i
5.5	0.0969-0.0074i	0.4515+0.0786i	-0.1956-0.0114i	0.1073-0.1162i	0.2167-0.1457i	-0.1380+0.2495i	-0.2058+0.2028i	0.1841-0.2795i
5.6	0.1017-0.0103i	0.4593+0.0841i	-0.1971-0.0135i	0.0927-0.1181i	0.2106-0.1884i	-0.1176+0.2469i	-0.2017+0.2422i	0.1634-0.2836i

5.7	0.1056-0.0103i	0.4719+0.0890i	-0.2026-0.0175i	0.0788-0.1158i	0.2193-0.2177i	-0.0214+0.2502i	-0.2033+0.2519i	0.0653-0.2915i
5.8	0.1086-0.0142i	0.4825+0.0948i	-0.2054-0.0234i	0.0847-0.1070i	0.2123-0.2728i	0.0675+0.2719i	-0.1683+0.3014i	-0.0290-0.3205i
5.9	0.1056-0.0197i	0.5058+0.1062i	-0.2063-0.0217i	0.0743-0.1142i	0.1176-0.3350i	0.0880+0.2978i	-0.0658+0.3792i	-0.0656-0.3570i
6.0	0.1011-0.0188i	0.5338+0.0992i	-0.2113-0.0204i	0.0790-0.0916i	-0.0148-0.3112i	0.0929+0.2594i	0.0500+0.3599i	-0.0875-0.3142i
6.1	0.1001-0.0159i	0.5569+0.0835i	-0.2138-0.0209i	0.0826-0.0553i	-0.0770-0.2670i	0.0825+0.2071i	0.0967+0.3047i	-0.0853-0.2531i
6.2	0.1022-0.0110i	0.5689+0.0752i	-0.2135-0.0178i	0.0987-0.0523i	-0.0804-0.2278i	0.1129+0.1854i	0.1212+0.2651i	-0.1203-0.2219i
6.3	0.0993-0.0037i	0.5811+0.0631i	-0.2092-0.0176i	0.0952-0.0302i	-0.1017-0.1535i	0.0773+0.2049i	0.1406+0.2264i	-0.0893-0.2347i
6.4	0.0959+0.0029i	0.5961+0.0642i	-0.2148-0.0199i	0.1035-0.0089i	-0.0842-0.1562i	0.1012+0.1371i	0.1132+0.1860i	-0.1121-0.1672i
6.5	0.0930+0.0150i	0.6093+0.0618i	-0.2157-0.0232i	0.1266-0.0068i	-0.0647-0.1675i	0.1282+0.1197i	0.1081+0.1790i	-0.1370-0.1482i
6.6	0.0845+0.0354i	0.6456+0.0544i	-0.2223-0.0224i	0.1637+0.0003i	-0.0815-0.1537i	0.1207+0.1014i	0.1161+0.1674i	-0.1349-0.1253i
6.7	0.0707+0.0588i	0.6880+0.0404i	-0.2258-0.0220i	0.1989+0.0020i	-0.0905-0.1417i	0.1402+0.1037i	0.1255+0.1588i	-0.1569-0.1240i
6.8	0.0392+0.0903i	0.7400+0.0208i	-0.2290-0.0193i	0.2174-0.0094i	-0.1122-0.1485i	0.1449+0.1018i	0.1529+0.1676i	-0.1728-0.1193i
6.9	-0.0051+0.1789i	0.8076-0.0284i	-0.2310-0.0131i	0.2399-0.0301i	-0.1514-0.1286i	0.1414+0.0803i	0.1953+0.1461i	-0.1811-0.0844i
7.0	-0.0724+0.4016i	0.8955-0.1612i	-0.2379-0.0111i	0.2922-0.0284i	-0.2491-0.0864i	0.1302+0.0962i	0.2849+0.1122i	-0.1924-0.0726i
7.1	0.1316+0.6972i	0.8320-0.3682i	-0.2393-0.0035i	0.3602-0.0196i	-0.2966+0.0578i	0.1246+0.0442i	0.3265-0.0402i	-0.1762+0.0309i
7.2	0.6175+0.8052i	0.5991-0.4871i	-0.2339+0.0076i	0.4168-0.0254i	-0.1967+0.2705i	0.0341-0.0129i	0.2014-0.2633i	-0.0206+0.1304i
7.3	0.9217+0.5807i	0.4368-0.4036i	-0.2307+0.0050i	0.4615-0.0538i	0.0352+0.2974i	-0.0598+0.0556i	-0.0639-0.2777i	0.1355+0.0415i
7.4	1.0579+0.3164i	0.3549-0.2822i	-0.2263-0.0016i	0.4897-0.1154i	0.1924+0.1165i	0.0292+0.1283i	-0.1890-0.0761i	0.0723-0.0872i
7.5	1.0856+0.0706i	0.3571-0.1377i	-0.2262-0.0111i	0.5163-0.1252i	0.1791-0.0341i	0.1231+0.1096i	-0.1426+0.0684i	-0.0295-0.1109i
7.6	1.0705-0.0330i	0.4222-0.0718i	-0.2291-0.0109i	0.5770-0.1290i	0.1540-0.0679i	0.1549+0.0853i	-0.1062+0.0936i	-0.0749-0.0970i
7.7	1.0619-0.0980i	0.4839-0.0634i	-0.2303-0.0119i	0.6319-0.1523i	0.1233-0.1006i	0.1292+0.0360i	-0.0886+0.1091i	-0.0579-0.0497i
7.8	1.0867-0.1838i	0.5419-0.0617i	-0.2322-0.0121i	0.7091-0.2335i	0.1029-0.1564i	0.1276+0.0077i	-0.0724+0.1528i	-0.0603-0.0294i
7.9	1.1013-0.2449i	0.5616-0.0656i	-0.2308-0.0090i	0.7359-0.2851i	0.1091-0.1755i	0.1299+0.0143i	-0.0811+0.1743i	-0.0610-0.0366i
8.0	1.1398-0.3215i	0.5892-0.0670i	-0.2296-0.0085i	0.7719-0.3567i	0.0683-0.2497i	0.0983-0.0040i	-0.0600+0.2450i	-0.0287-0.0293i
8.1	1.1799-0.3969i	0.6163-0.0669i	-0.2322-0.0123i	0.8495-0.4115i	-0.0300-0.3034i	0.0871+0.0234i	0.0356+0.3109i	-0.0269-0.0731i
8.2	1.2206-0.4534i	0.6429-0.0597i	-0.2309-0.0076i	0.8722-0.4615i	-0.1268-0.3150i	0.0966+0.0202i	0.1339+0.3172i	-0.0541-0.0710i
8.3	1.3329-0.5240i	0.6982-0.0671i	-0.2291-0.0051i	0.9736-0.5186i	-0.2132-0.2936i	0.0907+0.0127i	0.2105+0.2995i	-0.0570-0.0665i
8.4	1.4458-0.5922i	0.7421-0.0912i	-0.2347-0.0097i	1.0945-0.5757i	-0.2665-0.2234i	0.0743+0.0190i	0.2584+0.2344i	-0.0459-0.0664i
8.5	1.5975-0.7291i	0.8195-0.1247i	-0.2322-0.0138i	1.2567-0.6935i	-0.3518-0.1596i	0.0537+0.0504i	0.3305+0.1798i	-0.0353-0.0913i
8.6	1.7305-0.8865i	0.8889-0.1775i	-0.2256-0.0213i	1.3756-0.8278i	-0.3884-0.1271i	0.0988+0.0219i	0.3818+0.1478i	-0.0848-0.0583i
8.7	1.9225-1.1592i	0.9542-0.2737i	-0.2286-0.0276i	1.5685-1.0897i	-0.4349-0.0552i	0.1009-0.0028i	0.4132+0.0869i	-0.0875-0.0310i
8.8	2.1031-1.4587i	1.0067-0.3483i	-0.2303-0.0220i	1.7305-1.4089i	-0.4474+0.0229i	0.0971-0.0046i	0.4301+0.0293i	-0.0816-0.0224i
8.9	2.3074-2.1084i	1.0740-0.5318i	-0.2317-0.0243i	1.9254-2.0498i	-0.4413+0.1467i	0.0778-0.0254i	0.4853-0.0682i	-0.0570+0.0025i
9.0	2.2418-2.8635i	1.0761-0.7697i	-0.2290-0.0504i	1.8340-2.7718i	-0.4245+0.2562i	0.0701+0.0448i	0.4831-0.2109i	-0.0498-0.0751i
9.1	1.8678-3.4139i	0.9652-0.9396i	-0.2491-0.0617i	1.3854-3.2688i	-0.3816+0.3385i	0.1214+0.0977i	0.3966-0.3315i	-0.1004-0.1322i
9.2	1.9912-3.9573i	0.9993-1.0639i	-0.2695-0.0483i	1.4788-3.6742i	-0.3937+0.4100i	0.1569+0.0578i	0.3593-0.3670i	-0.1318-0.0912i
9.3	0.6465-5.5913i	0.6667-1.5193i	-0.2764-0.0302i	0.2810-5.1729i	-0.2492+0.6327i	0.0920-0.0086i	0.2480-0.5667i	-0.0769-0.0246i
9.4	-1.7648-5.6457i	0.0056-1.5603i	-0.2843-0.0166i	-1.9458-5.2222i	0.0423+0.6770i	0.0692-0.0123i	-0.0226-0.6058i	-0.0594-0.0208i
9.5	-2.8210-4.4233i	-0.2904-1.2347i	-0.2717-0.0074i	-2.9292-4.0730i	0.2151+0.5538i	0.0702+0.0097i	-0.1768-0.5067i	-0.0622-0.0323i
9.6	-3.2735-2.9569i	-0.4339-0.8451i	-0.2608-0.0076i	-3.3639-2.6502i	0.3481+0.3747i	0.0836+0.0048i	-0.2622-0.3522i	-0.0725-0.0186i
9.7	-3.0791-2.1503i	-0.4018-0.6275i	-0.2567-0.0081i	-3.1652-1.8192i	0.3394+0.2585i	0.0780+0.0092i	-0.2608-0.2479i	-0.0646-0.0250i
9.8	-2.8375-1.5932i	-0.3494-0.4542i	-0.2453-0.0026i	-2.8820-1.2971i	0.3080+0.1850i	0.1158-0.0192i	-0.2545-0.1706i	-0.1055+0.0027i
9.9	-2.5640-1.2797i	-0.2700-0.3425i	-0.2171-0.0043i	-2.5999-1.0232i	0.2845+0.1296i	0.1293-0.0023i	-0.2254-0.1085i	-0.1084-0.0210i
10.0	-2.3623-1.0986i	-0.2081-0.2779i	-0.1951-0.0204i	-2.4116-0.8393i	0.2532+0.1122i	0.1258-0.0181i	-0.1957-0.0797i	-0.1096+0.0001i
10.1	-2.2417-0.9839i	-0.1499-0.2286i	-0.1698-0.0533i	-2.3203-0.7956i	0.2486+0.1021i	0.1130-0.0281i	-0.2408-0.0675i	-0.0934+0.0109i
10.2	-2.1703-0.8813i	-0.1061-0.2100i	-0.1834-0.0878i	-2.2261-0.6607i	0.2168+0.0830i	0.0960-0.0322i	-0.2348-0.0652i	-0.0730+0.0180i
10.3	-2.1307-0.7476i	-0.0674-0.1693i	-0.1991-0.1229i	-2.1831-0.5237i	0.2039+0.0388i	0.1094-0.0434i	-0.1969-0.0222i	-0.0841+0.0245i
10.4	-2.0850-0.6225i	-0.0479-0.1331i	-0.2044-0.1349i	-2.1209-0.4430i	0.1707+0.0232i	0.0676-0.0227i	-0.2047-0.0021i	-0.0403+0.0006i
10.5	-2.0092-0.5054i	-0.0217-0.1125i	-0.2221-0.1517i	-2.0274-0.2963i	0.1374+0.0340i	0.0718-0.0168i	-0.1755+0.0238i	-0.0497-0.0051i
10.6	-1.9422-0.4152i	0.0044-0.0993i	-0.2402-0.1593i	-1.9519-0.1973i	0.1396+0.0304i	0.0797-0.0200i	-0.1701+0.0231i	-0.0580+0.0042i
10.7	-1.8374-0.3056i	0.0406-0.0734i	-0.2609-0.1734i	-1.8393-0.1021i	0.1455+0.0406i	0.0834-0.0172i	-0.1567+0.0329i	-0.0578+0.0026i
10.8	-1.7558-0.2623i	0.0666-0.0618i	-0.2695-0.1747i	-1.7450-0.0880i	0.1211+0.0504i	0.0804-0.0155i	-0.1579+0.0456i	-0.0475+0.0025i
10.9	-1.6710-0.2369i	0.0958-0.0577i	-0.2867-0.1786i	-1.6381-0.0608i	0.1353+0.0528i	0.0804-0.0142i	-0.1407+0.0480i	-0.0509+0.0028i
11.0	-1.6210-0.2135i	0.1152-0.0532i	-0.3031-0.1928i	-1.5691-0.0495i	0.1436+0.0900i	0.0910+0.0004i	-0.1174+0.0714i	-0.0604-0.0126i
11.1	-1.5644-0.1843i	0.1398-0.0429i	-0.3181-0.1994i	-1.5156-0.0491i	0.1538+0.0792i	0.0898-0.0001i	-0.1072+0.0675i	-0.0569-0.0163i
11.2	-1.5328-0.1736i	0.1547-0.0367i	-0.3208-0.1956i	-1.4706-0.0619i	0.1659+0.0508i	0.0957-0.0104i	-0.1041+0.0476i	-0.0588-0.0027i
11.3	-1.4976-0.1655i	0.1780-0.0357i	-0.3223-0.2008i	-1.4425-0.0569i	0.1680+0.0450i	0.1084-0.0070i	-0.0982+0.0302i	-0.0637-0.0006i
11.4	-1.4779-0.1501i	0.1870-0.0350i	-0.3334-0.2069i	-1.4140-0.0371i	0.1872+0.0350i	0.1250-0.0168i	-0.0826+0.0250i	-0.0821+0.0055i
11.5	-1.4500-0.1443i	0.2012-0.0305i	-0.3288-0.2221i	-1.3887-0.0394i	0.1983+0.0169i	0.1350-0.0276i	-0.0833+0.0144i	-0.0928+0.0197i
11.6	-1.4308-0.1451i	0.2165-0.0254i	-0.3257-0.2309i	-1.3767-0.0812i	0.2196+0.0085i	0.1339-0.0346i	-0.0834+0.0086i	-0.0934+0.0279i
11.7	-1.4193-0.1474i	0.2350-0.0187i	-0.3440-0.2623i	-1.3706-0.1236i	0.2128+0.0078i	0.1251-0.0228i	-0.0944+0.0230i	-0.0675+0.0086i
11.8	-1.4182-0.1482i	0.2532-0.0249i	-0.3374-0.2857i	-1.3966-0.1079i	0.2199-0.0179i	0.1441-0.0443i	-0.0960+0.0054i	-0.0892+0.0313i
11.9	-1.4231-0.1451i	0.2683-0.0318i	-0.3380-0.3202i	-1.4068-0.0793i	0.2251-0.0387i	0.1534-0.0633i	-0.1018-0.0074i	-0.1042+0.0546i

12.0	−1.4273−0.1364i	0.2846−0.0293i	−0.3519−0.3470i	−1.4062−0.0861i	0.2216−0.0486i	0.1554−0.0553i	−0.1134−0.0152i	−0.1014+0.0461i
12.1	−1.4358−0.1381i	0.2967−0.0289i	−0.3411−0.3908i	−1.4225−0.0931i	0.2221−0.0750i	0.1727−0.0652i	−0.1245−0.0384i	−0.1153+0.0612i
12.2	−1.4459−0.1436i	0.3109−0.0317i	−0.3457−0.4206i	−1.4554−0.0889i	0.2362−0.0743i	0.1923−0.0697i	−0.1289−0.0252i	−0.1282+0.0640i
12.3	−1.4645−0.1445i	0.3212−0.0371i	−0.3677−0.4637i	−1.4588−0.0779i	0.2385−0.0745i	0.2043−0.0681i	−0.1538−0.0031i	−0.1337+0.0570i
12.4	−1.5029−0.1429i	0.3310−0.0400i	−0.3691−0.5395i	−1.4901−0.0764i	0.2293−0.0966i	0.1935−0.0897i	−0.1858+0.0006i	−0.1143+0.0757i
12.5	−1.5482−0.1272i	0.3390−0.0407i	−0.3975−0.6655i	−1.5257−0.0468i	0.1974−0.1032i	0.1676−0.0906i	−0.2299+0.0146i	−0.0833+0.0805i
12.6	−1.5941−0.0999i	0.3411−0.0350i	−0.4382−0.7850i	−1.5425−0.0571i	0.1938−0.1148i	0.1854−0.1151i	−0.2411+0.0132i	−0.0937+0.1031i
12.7	−1.6452−0.0664i	0.3491−0.0302i	−0.5017−0.9248i	−1.6012−0.0439i	0.2133−0.1203i	0.1901−0.1089i	−0.2464+0.0336i	−0.0927+0.0853i
12.8	−1.6659−0.0043i	0.3575−0.0313i	−0.7063−1.0778i	−1.6096+0.0317i	0.2122−0.1363i	0.1972−0.1025i	−0.2598+0.0728i	−0.0897+0.0715i
12.9	−1.6797+0.0313i	0.3620−0.0318i	−0.8850−1.1263i	−1.6031+0.0884i	0.2200−0.1730i	0.1968−0.1284i	−0.2545+0.1069i	−0.0732+0.0908i
13.0	−1.6921+0.0681i	0.3795−0.0263i	−1.2310−1.1109i	−1.6263+0.1067i	0.2194−0.2096i	0.1986−0.1326i	−0.2562+0.1585i	−0.0562+0.0774i
13.1	−1.7044+0.0990i	0.3842−0.0123i	−1.4617−1.0678i	−1.6097+0.0619i	0.1604−0.2138i	0.1898−0.1303i	−0.2708+0.1468i	−0.0472+0.0702i
13.2	−1.7257+0.1253i	0.3937−0.0075i	−1.6371−0.9682i	−1.5904+0.0783i	0.1281−0.2536i	0.2305−0.1389i	−0.2394+0.1607i	−0.1104+0.0664i
13.3	−1.7618+0.1439i	0.4132+0.0036i	−1.8103−0.8224i	−1.6133+0.0573i	0.0829−0.2703i	0.2781−0.2067i	−0.1954+0.1455i	−0.1579+0.1368i
13.4	−1.7951+0.1453i	0.4305+0.0082i	−1.9143−0.6786i	−1.6409+0.0204i	0.0129−0.2583i	0.2319−0.2722i	−0.1991+0.1133i	−0.1049+0.2185i
13.5	−1.8520+0.1898i	0.4361+0.0181i	−1.9745−0.5306i	−1.6310+0.0325i	−0.0388−0.2186i	0.1475−0.2067i	−0.2483+0.1152i	−0.0196+0.1125i
13.6	−1.9299+0.2344i	0.4552+0.0267i	−1.9986−0.3864i	−1.6832+0.0534i	−0.0788−0.1677i	0.1823−0.1450i	−0.2578+0.1455i	−0.0407+0.0350i
13.7	−2.0113+0.2884i	0.4778+0.0376i	−2.0297−0.3073i	−1.7552+0.0580i	−0.0657−0.1239i	0.2714−0.1492i	−0.2654+0.1378i	−0.1449+0.0347i
13.8	−2.1085+0.3678i	0.4932+0.0535i	−2.0761−0.2703i	−1.8217+0.0358i	−0.0754−0.0896i	0.3314−0.1631i	−0.2595+0.1582i	−0.2058+0.0366i
13.9	−2.1622+0.4577i	0.5086+0.0738i	−2.1399−0.2251i	−1.8371+0.0099i	−0.1158−0.0492i	0.3151−0.1914i	−0.2758+0.1708i	−0.1850+0.0595i
14.0	−2.2448+0.6094i	0.5375+0.1056i	−2.2436−0.1557i	−1.9064−0.0141i	−0.0995−0.0162i	0.3609−0.2771i	−0.2887+0.1818i	−0.2304+0.1557i
14.1	−2.3281+0.7479i	0.5684+0.1365i	−2.3502−0.1145i	−1.9933−0.0524i	−0.0828+0.0105i	0.4226−0.3375i	−0.3108+0.1900i	−0.2791+0.2119i
14.2	−2.3296+0.9434i	0.6386+0.1686i	−2.4526−0.0264i	−2.1577−0.0612i	−0.0369+0.0789i	0.4221−0.4219i	−0.3320+0.2110i	−0.2769+0.2805i
14.3	−2.2750+1.1367i	0.7246+0.2034i	−2.5830+0.0843i	−2.3583−0.0946i	0.0376+0.1418i	0.4335−0.4966i	−0.3760+0.2246i	−0.2641+0.3588i
14.4	−2.2515+1.2896i	0.7962+0.2193i	−2.7263+0.1690i	−2.5073−0.0800i	0.0892+0.1865i	0.4423−0.5415i	−0.4201+0.2495i	−0.2578+0.3981i
14.5	−2.2187+1.5008i	0.9119+0.2149i	−2.8901+0.3241i	−2.7623+0.0092i	0.1320+0.1950i	0.4340−0.6664i	−0.4840+0.3003i	−0.2241+0.4990i
14.6	−2.1328+1.7680i	1.0234+0.2152i	−3.0627+0.5000i	−3.0014+0.1762i	0.2186+0.2371i	0.4094−0.7662i	−0.5631+0.3920i	−0.1857+0.5530i
14.7	−1.8712+1.9434i	1.1315+0.1788i	−3.1333+0.6854i	−3.1377+0.3882i	0.3434+0.2341i	0.3183−0.8380i	−0.6072+0.5178i	−0.1037+0.5656i
14.8	−1.4549+1.9716i	1.2690+0.0911i	−3.1771+0.8533i	−3.1601+0.6210i	0.4224+0.2167i	0.1221−0.8623i	−0.5432+0.6282i	0.0549+0.5562i
14.9	−1.2156+1.7870i	1.3588+0.0029i	−3.2333+0.9805i	−3.1735+0.6702i	0.4809+0.1527i	0.0062−0.8065i	−0.5216+0.6326i	0.1555+0.5144i
15.0	−1.1358+1.4818i	1.4510−0.0785i	−3.3609+1.0257i	−3.2428+0.6612i	0.5417+0.0420i	0.0363−0.6856i	−0.5126+0.6548i	0.1353+0.4014i
15.1	−1.2521+1.1376i	1.5411−0.1920i	−3.7051+0.9840i	−3.4784+0.6582i	0.6488−0.0808i	0.1385−0.6403i	−0.5813+0.6457i	0.0800+0.3630i
15.2	−1.5485+0.9688i	1.6164−0.3408i	−4.2442+1.2321i	−3.7037+0.8863i	0.6111−0.2414i	0.3008−0.7183i	−0.6105+0.7818i	−0.0512+0.3855i
15.3	−1.8542+1.0175i	1.6876−0.4519i	−4.7595+1.6194i	−4.0155+1.1199i	0.6986−0.4644i	0.5076−0.8499i	−0.7247+1.0147i	−0.2259+0.4210i
15.4	−2.2115+1.2552i	1.7090−0.5940i	−5.2530+2.3323i	−4.1418+1.3907i	0.5213−0.5944i	0.5961−1.0759i	−0.7090+1.3391i	−0.3104+0.5597i
15.5	−2.5613+1.7103i	1.7504−0.7707i	−5.7835+3.5458i	−4.2866+1.6041i	0.3000−0.5844i	0.6033−1.5337i	−0.5582+1.5088i	−0.3496+0.9435i
15.6	−2.8508+2.4505i	1.8245−1.0350i	−6.2527+5.3352i	−4.8014+2.0345i	0.2952−0.5021i	0.5106−2.1143i	−0.6754+1.9017i	−0.2427+1.3599i
15.7	−2.6835+3.2199i	1.7796−1.2862i	−5.6759+7.1096i	−5.1775+2.5894i	0.4107−0.4164i	0.0524−2.5321i	−0.5754+2.4225i	0.1296+1.5651i
15.8	−1.6280+4.1134i	1.5334−1.5737i	−3.1479+8.9989i	−5.3418+3.5378i	0.6515−0.3367i	−0.9458−2.8084i	0.0993+2.8646i	0.8515+1.7358i
15.9	−0.3003+4.1856i	1.2392−1.6750i	−0.2865+9.2201i	−5.0844+4.5976i	0.7238−0.8116i	−2.0291−2.3969i	0.9425+3.2817i	1.5910+1.2733i
16.0	0.4963+3.6425i	0.9914−1.6267i	1.6311+8.0976i	−4.4743+5.2670i	0.5011−1.2953i	−2.5063−1.8030i	1.7831+3.1279i	1.8300+0.7848i
16.1	0.8732+2.9223i	0.8880−1.4744i	2.5898+6.5724i	−3.9796+5.5314i	0.0443−1.4168i	−2.7183−0.9904i	2.6441+2.6769i	1.8642+0.1627i
16.2	0.9200+2.4620i	0.9402−1.2521i	2.6461+5.6925i	−4.0152+5.2907i	−0.1725−1.4249i	−2.6818−0.6566i	3.0343+2.2011i	1.7693−0.0138i
16.3	0.8794+1.9565i	1.3519−1.2047i	2.4585+4.8944i	−4.6428+5.7274i	−0.3702−1.2689i	−2.4878−0.1452i	3.3051+1.4355i	1.5520−0.3579i
16.4	0.7364+1.5610i	1.7381−1.4912i	2.1525+4.5916i	−5.1341+6.6980i	−0.4261−1.0891i	−2.3223+0.1202i	3.3374+0.8507i	1.4056−0.5109i
16.5	0.4054+1.1606i	1.8811−2.1566i	2.0932+4.4644i	−5.0251+8.8661i	−0.4988−1.2062i	−2.1531+0.3531i	3.4199+0.2987i	1.2373−0.6412i
16.6	−0.0242+1.0596i	1.6655−2.7161i	2.2313+4.4670i	−3.8557+10.6387i	−1.0124−1.2411i	−2.1660+0.4517i	3.5671−0.2543i	1.2514−0.6488i
16.7	−0.4897+1.3286i	1.0908−3.2824i	2.5779+4.5933i	−1.3422+12.0581i	−1.5906−0.4686i	−2.0723+0.8862i	3.4494−1.3545i	1.1505−0.8999i
16.8	−0.6130+1.5085i	0.5542−3.6059i	3.0865+4.4343i	0.5104+12.8097i	−1.3025−0.0768i	−1.8175+1.0993i	2.5364−1.7876i	0.9889−1.0574i
16.9	−0.6466+1.8192i	−0.2442−3.8007i	3.5431+3.8506i	3.4464+13.3750i	−0.7282+0.1139i	−1.6269+1.0378i	1.8424−1.6623i	0.8872−0.9018i
17.0	−0.5282+2.2131i	−1.1577−3.3922i	3.8070+3.2915i	7.0694+11.9291i	−0.6577−0.0566i	−1.7265+1.4641i	1.6243−1.7382i	1.1021−1.3899i
17.1	−0.3197+2.5230i	−1.4620−2.7746i	3.9301+2.8535i	8.5740+9.2784i	−0.8583+0.2295i	−0.8278+2.1007i	1.3235−2.1107i	0.0623−2.0323i
17.2	0.0092+2.5346i	−1.6277−2.3933i	4.0413+2.2471i	9.2624+7.3131i	−0.5063+0.2819i	−0.0267+1.6316i	0.6131−1.7311i	−0.7662−1.4710i
17.3	0.1043+2.4751i	−1.8224−1.9785i	3.8277+1.5724i	10.1101+5.3368i	−0.6030−0.1817i	−0.1725+0.9142i	0.7991−1.0641i	−0.6577−0.6984i
17.4	0.2303+2.6335i	−1.7741−1.5457i	3.5125+1.2553i	9.9919+2.8489i	−0.9190+0.1749i	−0.3966+0.8256i	1.0380−1.6920i	−0.4419−0.4497i
17.5	0.5235+2.7010i	−1.6219−1.3083i	3.2185+1.1184i	9.0292+1.2962i	−0.7253+0.5015i	−0.4384+0.8952i	0.6343−1.9558i	−0.2943−0.4100i
17.6	0.8880+2.5194i	−1.4869−1.2256i	2.9396+1.0621i	7.8050+0.4961i	−0.2930+0.4795i	−0.3872+0.8451i	0.1285−1.6842i	−0.1888−0.2935i
17.7	1.1423+2.2482i	−1.4410−1.1538i	2.7342+1.0730i	6.9237−0.1778i	−0.1336+0.3455i	−0.4195+0.8203i	−0.0931−1.3677i	−0.0238−0.2245i
17.8	1.2327+2.0553i	−1.4292−1.0930i	2.6409+1.1105i	6.3126−0.5490i	−0.0955+0.2317i	−0.4260+0.8927i	−0.1293−1.2036i	0.0749−0.2993i
17.9	1.2605+1.8669i	−1.4490−1.0153i	2.6211+1.1235i	5.7058−0.7568i	−0.0809+0.1341i	−0.3369+0.9505i	−0.1549−1.0523i	0.0608−0.3888i
18.0	1.2627+1.6572i	−1.4201−0.8789i	2.5975+1.0876i	5.0535−0.8445i	−0.1218+0.0498i	−0.2420+0.9397i	−0.1132−0.9526i	0.0168−0.4448i
18.1	1.2412+1.5058i	−1.4334−0.7525i	2.5955+1.0731i	4.6703−0.9109i	−0.1847+0.0152i	−0.1474+0.9473i	−0.0682−0.8816i	−0.0741−0.4789i
18.2	1.2336+1.3506i	−1.4605−0.6196i	2.6284+1.0532i	4.4371−1.0569i	−0.2509+0.0289i	−0.0870+0.9567i	−0.1198−0.8258i	−0.1244−0.4835i

18.3	1.2313+1.2683i	-1.4181-0.5016i	2.6626+0.9912i	4.1906-1.2402i	-0.2726+0.0679i	-0.0049+0.9239i	-0.1682-0.7749i	-0.1849-0.4375i
18.4	1.2420+1.1473i	-1.3583-0.3870i	2.6478+0.9399i	3.9161-1.4332i	-0.2825+0.1023i	0.0446+0.8644i	-0.1692-0.6888i	-0.2169-0.3524i
18.5	1.2515+0.9009i	-1.2379-0.2680i	2.6992+0.9368i	3.2592-1.7957i	-0.2671+0.1862i	0.0952+0.8697i	-0.1251-0.6307i	-0.1687-0.2878i
18.6	1.0504+0.5524i	-1.1344-0.2363i	2.8316+0.8944i	2.4049-1.5555i	-0.1735+0.1966i	0.2203+0.8535i	-0.1261-0.5952i	-0.1067-0.3013i
18.7	0.7012+0.5856i	-1.1510-0.2400i	2.9284+0.7637i	2.5183-0.8992i	-0.1817+0.1151i	0.3091+0.7442i	-0.1328-0.5630i	-0.1695-0.3431i
18.8	0.5648+0.7371i	-1.1464-0.1690i	2.9522+0.6335i	2.8187-0.8672i	-0.2117+0.1146i	0.3217+0.6473i	-0.1200-0.5276i	-0.2100-0.3084i
18.9	0.5112+0.8672i	-1.1153-0.0709i	2.9752+0.4791i	2.8982-1.1475i	-0.1765+0.1519i	0.3234+0.5507i	-0.1227-0.5304i	-0.2192-0.2368i
19.0	0.4534+0.9217i	-1.0711-0.0047i	2.9625+0.3507i	2.8492-1.3082i	-0.1817+0.1615i	0.3157+0.4970i	-0.0810-0.4957i	-0.2245-0.2160i
19.1	0.4458+1.0045i	-1.0127+0.0471i	2.9778+0.2429i	2.7196-1.4579i	-0.1717+0.1546i	0.3013+0.4598i	-0.0772-0.5048i	-0.2119-0.2043i
19.2	0.4722+1.0907i	-0.9353+0.1220i	2.9789+0.0546i	2.5460-1.6161i	-0.1398+0.1430i	0.2797+0.4119i	-0.0661-0.5098i	-0.1891-0.1841i
19.3	0.4973+1.1380i	-0.8802+0.1707i	2.9527-0.0632i	2.3905-1.7554i	-0.1137+0.1613i	0.2532+0.3852i	-0.0600-0.5323i	-0.1665-0.1712i
19.4	0.5327+1.1687i	-0.8213+0.2099i	2.9425-0.1502i	2.1973-1.8757i	-0.0885+0.1498i	0.2337+0.3816i	-0.0860-0.5636i	-0.1444-0.1830i
19.5	0.5649+1.2016i	-0.7493+0.2531i	2.9125-0.3073i	2.0312-1.9871i	-0.0954+0.1298i	0.2351+0.3798i	-0.1209-0.5735i	-0.1596-0.1993i
19.6	0.6152+1.2354i	-0.6857+0.2830i	2.8604-0.4612i	1.8237-2.1183i	-0.0833+0.1413i	0.2534+0.4042i	-0.1729-0.5938i	-0.1839-0.2350i
19.7	0.6726+1.2904i	-0.6072+0.3257i	2.7632-0.5840i	1.5561-2.2986i	-0.0758+0.1427i	0.3007+0.3970i	-0.2447-0.6195i	-0.2329-0.2286i
19.8	0.7582+1.3189i	-0.5132+0.3557i	2.7061-0.6872i	1.2042-2.4180i	-0.0584+0.1506i	0.3401+0.3589i	-0.2957-0.5894i	-0.2605-0.1889i
19.9	0.8538+1.3122i	-0.4212+0.3509i	2.6643-0.7765i	0.8219-2.3763i	-0.0322+0.1563i	0.3676+0.3224i	-0.3560-0.5610i	-0.2789-0.1709i
20.0	0.9544+1.2400i	-0.3241+0.3126i	2.5793-0.8030i	0.4247-2.1784i	-0.0317+0.1663i	0.3768+0.2630i	-0.4332-0.4273i	-0.2988-0.1046i
20.1	0.9868+1.1524i	-0.2695+0.2629i	2.4965-0.7878i	0.2883-1.9443i	-0.0081+0.1471i	0.3392+0.2032i	-0.4067-0.3787i	-0.2484-0.0558i
20.2	1.0264+1.0900i	-0.2271+0.2373i	2.4613-0.7498i	0.1505-1.8371i	0.0243+0.1219i	0.3074+0.1573i	-0.3730-0.3372i	-0.1961-0.0206i
20.3	1.0343+1.0424i	-0.1924+0.2228i	2.5163-0.7766i	0.0440-1.7898i	0.0736+0.1230i	0.2667+0.1436i	-0.2752-0.3244i	-0.1253-0.0152i
20.4	1.0219+0.9967i	-0.1401+0.1991i	2.5775-0.8230i	-0.1154-1.6893i	0.0715+0.0935i	0.2425+0.1363i	-0.2832-0.3011i	-0.0986-0.0438i
20.5	1.0411+0.9664i	-0.0878+0.1892i	2.6924-0.8616i	-0.3214-1.5482i	0.0767+0.0599i	0.2388+0.1228i	-0.3224-0.2733i	-0.0887-0.0532i
20.6	1.0451+0.9243i	-0.0439+0.1377i	2.8010-0.9879i	-0.4368-1.3420i	0.0851+0.0482i	0.2202+0.1191i	-0.2945-0.2692i	-0.0741-0.0800i
20.7	1.0549+0.8850i	0.0010+0.0726i	2.9628-1.2032i	-0.5775-1.1065i	0.0575+0.0592i	0.2156+0.0911i	-0.2977-0.1978i	-0.0877-0.0527i
20.8	1.0479+0.8333i	0.0159+0.0256i	3.0373-1.4765i	-0.6080-0.9383i	0.0685+0.0072i	0.2187+0.1121i	-0.3045-0.2140i	-0.1123-0.1104i
20.9	1.0253+0.8573i	0.0285-0.0093i	3.0523-1.7764i	-0.6141-0.7789i	0.0330-0.0021i	0.2192+0.1294i	-0.3192-0.2002i	-0.1359-0.1305i
21.0	1.0291+0.8841i	0.0513-0.0623i	3.0891-2.2844i	-0.6779-0.5809i	-0.0063-0.0227i	0.2326+0.1149i	-0.3211-0.1961i	-0.1928-0.1435i
21.1	1.0263+0.8587i	0.0395-0.1197i	2.9145-2.7200i	-0.6541-0.4092i	0.0012-0.0304i	0.2166+0.0757i	-0.3293-0.1805i	-0.1793-0.1053i
21.2	1.0119+0.8645i	0.0176-0.1723i	2.5148-3.0806i	-0.5605-0.2046i	-0.0262-0.0307i	0.2300+0.0620i	-0.3540-0.0899i	-0.2229-0.0978i
21.3	1.0380+0.8476i	-0.0004-0.1961i	2.1302-3.3404i	-0.5410-0.0828i	-0.0470-0.0297i	0.2111+0.0433i	-0.3595-0.0744i	-0.2059-0.0802i
21.4	1.1228+0.8487i	-0.0278-0.2317i	1.5164-3.4722i	-0.4750+0.0696i	-0.0580-0.0169i	0.1974+0.0429i	-0.3393-0.0619i	-0.2141-0.0690i
21.5	1.1883+0.8219i	-0.0558-0.2531i	1.0524-3.5911i	-0.3522+0.1420i	-0.0673-0.0338i	0.2065+0.0092i	-0.3365-0.0423i	-0.2278-0.0161i
21.6	1.2640+0.7520i	-0.0700-0.2846i	0.6856-3.4054i	-0.2735+0.2235i	-0.0622-0.0204i	0.1796-0.0070i	-0.2786-0.0742i	-0.1888-0.0020i
21.7	1.2973+0.7055i	-0.0852-0.2863i	0.3611-3.1203i	-0.2160+0.2457i	-0.0701-0.0106i	0.1463-0.0152i	-0.2340-0.0613i	-0.1446+0.0129i
21.8	1.3183+0.6823i	-0.1214-0.2854i	0.1464-2.8974i	-0.0700+0.2853i	-0.0651-0.0061i	0.1325-0.0374i	-0.2143-0.0263i	-0.1301+0.0442i
21.9	1.3347+0.5830i	-0.1820-0.2991i	-0.0925-2.7134i	0.0170+0.3133i	-0.0578-0.0036i	0.1322-0.0102i	-0.2237-0.0674i	-0.1617+0.0139i
22.0	1.3689+0.5336i	-0.2000-0.2937i	-0.2249-2.5415i	0.1347+0.3096i	-0.0579-0.0046i	0.0914-0.0195i	-0.2015-0.0572i	-0.0855+0.0307i
22.1	1.3676+0.4284i	-0.2217-0.2913i	-0.3461-2.3868i	0.1647+0.2635i	-0.0722-0.0030i	0.0784-0.0149i	-0.2182-0.0739i	-0.1083+0.0214i
22.2	1.3488+0.3607i	-0.2501-0.2804i	-0.4030-2.2147i	0.2308+0.2111i	-0.0814+0.0009i	0.0953-0.0260i	-0.2233-0.0662i	-0.1416+0.0516i
22.3	1.3168+0.3263i	-0.2681-0.2616i	-0.4532-2.0888i	0.2507+0.2296i	-0.0660+0.0048i	0.1067-0.0340i	-0.2102-0.0494i	-0.1472+0.0683i
22.4	1.3018+0.2673i	-0.2838-0.2493i	-0.4734-1.9561i	0.2895+0.1927i	-0.0620+0.0215i	0.0861-0.0345i	-0.2010-0.0295i	-0.0971+0.0788i
22.5	1.2966+0.2216i	-0.2807-0.2353i	-0.5419-1.8377i	0.3017+0.1804i	-0.0624+0.0316i	0.0591-0.0247i	-0.1797-0.0056i	-0.0595+0.0649i
22.6	1.3039+0.1557i	-0.2963-0.2205i	-0.5827-1.7224i	0.3081+0.1240i	-0.0202+0.0415i	0.0523-0.0139i	-0.1356-0.0394i	-0.0439+0.0371i
22.7	1.2877+0.1093i	-0.3084-0.1924i	-0.6138-1.6309i	0.2732+0.1408i	-0.0093+0.0218i	0.0572+0.0069i	-0.1588-0.0787i	-0.0739-0.0311i
22.8	1.2840+0.0986i	-0.3134-0.1947i	-0.5694-1.6003i	0.4154+0.1573i	-0.0155+0.0374i	0.0575+0.0356i	-0.1998-0.0670i	-0.1225-0.0579i
22.9	1.2400+0.0415i	-0.3132-0.1806i	-0.4707-1.5675i	0.4305+0.1065i	-0.0111+0.0144i	0.0786+0.0119i	-0.2358-0.0468i	-0.1516+0.0131i
23.0	1.1936-0.0363i	-0.3094-0.1567i	-0.4370-1.6033i	0.3950+0.0285i	-0.0178-0.0033i	0.0748-0.0143i	-0.2275-0.0041i	-0.1244+0.0788i
23.1	1.1734-0.1005i	-0.3116-0.1521i	-0.5058-1.7256i	0.4201-0.1109i	-0.0352-0.0101i	0.0597-0.0209i	-0.1612+0.0150i	-0.0992+0.1064i
23.2	1.1177-0.1401i	-0.3138-0.1305i	-0.7001-1.7864i	0.3470-0.1205i	-0.0340-0.0115i	0.0647-0.0177i	-0.1549+0.0077i	-0.1004+0.0763i
23.3	1.0436-0.1785i	-0.3346-0.0921i	-0.9799-1.7732i	0.3637-0.1768i	-0.0332-0.0254i	0.0322-0.0171i	-0.1555+0.0087i	-0.0776+0.0551i
23.4	0.9734-0.1786i	-0.3253-0.0788i	-1.2527-1.7054i	0.2998-0.1460i	-0.0027-0.0085i	0.0420-0.0223i	-0.1281+0.0288i	-0.0545+0.0773i
23.5	0.9378-0.1631i	-0.3112-0.0685i	-1.4865-1.4289i	0.2805-0.1520i	-0.0335-0.0126i	0.0349+0.0165i	-0.1300+0.0271i	-0.0873+0.0285i
23.6	0.8986-0.1655i	-0.3139-0.0623i	-1.5708-1.1647i	0.2975-0.1485i	-0.0703-0.0244i	0.0296+0.0292i	-0.1694+0.0020i	-0.1008+0.0100i
23.7	0.8738-0.1512i	-0.2944-0.0459i	-1.6130-0.7888i	0.2286-0.0945i	-0.0474-0.0302i	0.0257+0.0219i	-0.1516-0.0122i	-0.0594+0.0216i
23.8	0.8603-0.1425i	-0.2852-0.0312i	-1.5554-0.5706i	0.2278-0.0849i	-0.0356-0.0231i	0.0314+0.0120i	-0.1196-0.0132i	-0.0491+0.0498i
23.9	0.8367-0.1437i	-0.2788-0.0052i	-1.3994-0.3030i	0.2394-0.1118i	-0.0607-0.0570i	0.0290+0.0147i	-0.1575-0.0383i	-0.0701-0.0114i
24.0	0.7991-0.1435i	-0.2536+0.0008i	-1.2275-0.1642i	0.1826-0.0661i	-0.0710-0.0342i	0.0172+0.0384i	-0.1906-0.0161i	-0.0726-0.0254i
24.1	0.7986-0.1676i	-0.2437+0.0013i	-1.1275-0.0834i	0.1722-0.0888i	-0.1069-0.0273i	0.0209+0.0387i	-0.2020+0.0192i	-0.1174+0.0075i
24.2	0.7770-0.1834i	-0.2400+0.0113i	-0.9921+0.0112i	0.2137-0.0866i	-0.1072-0.0184i	0.0264+0.0343i	-0.2074+0.0348i	-0.1520+0.0402i
24.3	0.7318-0.1966i	-0.2076-0.0014i	-0.8186+0.0412i	0.1521-0.0443i	-0.1063-0.0083i	0.0090+0.0110i	-0.2104+0.0080i	-0.0843+0.0548i
24.4	0.7359-0.1824i	-0.1972+0.0016i	-0.7763+0.0676i	0.1425-0.0636i	-0.1207-0.0128i	0.0215+0.0197i	-0.2079+0.0417i	-0.1043+0.0527i
24.5	0.7138-0.1800i	-0.2097+0.0028i	-0.7349+0.0872i	0.1301-0.0294i	-0.1068+0.0069i	0.0188+0.0003i	-0.1859+0.0556i	-0.0401+0.0778i

24.6	0.6909−0.1510i	−0.1963+0.0170i	−0.6481+0.0998i	0.0868+0.0129i	−0.1044+0.0320i	0.0222+0.0113i	−0.1616+0.0751i	−0.0658+0.0506i
24.7	0.6883−0.1193i	−0.1865+0.0241i	−0.5968+0.0752i	0.1293+0.0131i	−0.1122+0.0452i	0.0051+0.0158i	−0.1375+0.0509i	−0.0120+0.0320i
24.8	0.6655−0.1218i	−0.1714+0.0160i	−0.5104+0.0846i	0.1385+0.0417i	−0.1104+0.0403i	−0.0017+0.0110i	−0.1313+0.0292i	−0.0116+0.0502i
24.9	0.6483−0.1198i	−0.1561+0.0226i	−0.4542+0.1045i	0.1398+0.0717i	−0.0748+0.0482i	0.0073+0.0125i	−0.1180+0.0500i	−0.0014+0.0674i
25.0	0.6462−0.1080i	−0.1434+0.0164i	−0.3862+0.1031i	0.1704+0.1312i	−0.0288+0.0491i	0.0205+0.0160i	−0.1230+0.0590i	−0.0221+0.0483i
25.1	0.6293−0.1015i	−0.1413+0.0193i	−0.3288+0.1027i	0.1795+0.1300i	−0.0506+0.0548i	0.0084+0.0262i	−0.1430+0.0645i	−0.0410+0.0237i
25.2	0.6439−0.1046i	−0.1304+0.0282i	−0.3015+0.1093i	0.1798+0.0994i	−0.0865+0.0749i	0.0035+0.0347i	−0.1531+0.0456i	−0.0607+0.0276i
25.3	0.6528−0.0960i	−0.1272+0.0303i	−0.2736+0.0829i	0.2348+0.0807i	−0.0898+0.0691i	0.0131+0.0394i	−0.1182+0.0443i	−0.0768+0.0524i
25.4	0.6433−0.0968i	−0.1110+0.0230i	−0.2389+0.0780i	0.2141+0.0761i	−0.0621+0.0198i	0.0230+0.0243i	−0.1263+0.0609i	−0.0621+0.0582i
25.5	0.6582−0.1133i	−0.1073+0.0122i	−0.2217+0.0821i	0.2458+0.1086i	−0.0947+0.0351i	0.0185+0.0275i	−0.1677+0.1109i	−0.0973+0.0622i
25.6	0.6752−0.1286i	−0.1103+0.0015i	−0.1981+0.0678i	0.3266+0.1424i	−0.0919+0.0769i	0.0182+0.0423i	−0.1790+0.1290i	−0.1202+0.0563i
25.7	0.6596−0.1602i	−0.0948−0.0017i	−0.1535+0.0820i	0.3181+0.1443i	−0.0670+0.1388i	0.0263+0.0463i	−0.1568+0.1702i	−0.1058+0.1102i
25.8	0.6642−0.1686i	−0.0937−0.0000i	−0.1335+0.0695i	0.3178+0.0901i	−0.0459+0.1151i	0.0249+0.0375i	−0.1170+0.1249i	−0.0554+0.1171i
25.9	0.6617−0.1761i	−0.1014+0.0003i	−0.1173+0.0640i	0.3565+0.0678i	−0.0610+0.0998i	0.0095+0.0377i	−0.1281+0.1461i	−0.0339+0.0994i
26.0	0.6486−0.1869i	−0.1056+0.0035i	−0.0946+0.0653i	0.3770+0.0548i	−0.0879+0.1108i	−0.0034+0.0455i	−0.1342+0.1630i	−0.0305+0.0564i
26.1	0.6488−0.1794i	−0.0984+0.0054i	−0.0771+0.0620i	0.3764+0.0268i	−0.0495+0.1093i	0.0183+0.0409i	−0.0659+0.1506i	−0.0290+0.0769i
26.2	0.6378−0.2033i	−0.0935+0.0018i	−0.0469+0.0646i	0.3711+0.0343i	0.0244+0.0755i	0.0395+0.0323i	−0.0306+0.1035i	−0.0114+0.1087i
26.3	0.6312−0.2102i	−0.0852+0.0153i	−0.0254+0.0722i	0.3910−0.0016i	0.0060+0.0722i	0.0283+0.0303i	−0.0554+0.1283i	0.0392+0.1172i
26.4	0.6293−0.2418i	−0.0756+0.0200i	0.0110+0.0696i	0.3878−0.0380i	0.0059+0.0698i	0.0326+0.0254i	−0.0616+0.1233i	0.0401+0.0796i
26.5	0.6292−0.2622i	−0.0705+0.0247i	0.0275+0.0676i	0.4219−0.0587i	0.0089+0.0705i	0.0410+0.0136i	−0.0643+0.1289i	0.0420+0.0957i
26.6	0.6350−0.2744i	−0.0566+0.0372i	0.0536+0.0665i	0.3906−0.1278i	−0.0174+0.0624i	0.0198+0.0110i	−0.0562+0.1378i	0.0560+0.1147i
26.7	0.6355−0.2954i	−0.0443+0.0348i	0.0786+0.0680i	0.3625−0.1655i	−0.0031+0.0343i	0.0188+0.0120i	−0.0276+0.1354i	0.0618+0.1184i
26.8	0.6106−0.3152i	−0.0298+0.0342i	0.1135+0.0678i	0.3292−0.1922i	0.0055+0.0403i	0.0333+0.0173i	−0.0110+0.1540i	0.0308+0.1001i
26.9	0.6030−0.3295i	−0.0168+0.0306i	0.1566+0.0612i	0.2998−0.1930i	−0.0157+0.0628i	0.0229+0.0255i	−0.0110+0.1382i	0.0379+0.0791i
27.0	0.5835−0.3470i	−0.0082+0.0242i	0.1965+0.0370i	0.2899−0.1981i	−0.0263+0.0765i	0.0290+0.0178i	−0.0140+0.1089i	0.0470+0.0829i
27.1	0.5704−0.3663i	0.0058+0.0150i	0.2492+0.0165i	0.2540−0.1984i	0.0162+0.0887i	0.0410+0.0302i	0.0400+0.1102i	0.0425+0.0645i
27.2	0.5594−0.3988i	0.0041+0.0081i	0.2997−0.0015i	0.2838−0.2177i	0.0153+0.0641i	0.0255+0.0068i	0.0429+0.1069i	0.0890+0.0497i
27.3	0.5074−0.4244i	0.0202+0.0067i	0.3395−0.0587i	0.2475−0.2498i	0.0475+0.0732i	0.0239+0.0045i	0.0284+0.0948i	0.1007+0.0420i
27.4	0.4517−0.4459i	0.0397−0.0059i	0.3745−0.1373i	0.1478−0.2509i	0.0650+0.1074i	0.0306+0.0220i	0.0615+0.0977i	0.0639+0.0089i
27.5	0.4077−0.4783i	0.0463−0.0201i	0.3889−0.2223i	0.0958−0.2193i	0.0675+0.1015i	0.0300+0.0289i	0.0591+0.0999i	0.0729−0.0087i
27.6	0.3910−0.4811i	0.0492−0.0259i	0.3812−0.2930i	0.1203−0.2179i	0.0449+0.0908i	0.0208+0.0155i	0.0597+0.0712i	0.1099−0.0044i
27.7	0.3593−0.4950i	0.0519−0.0441i	0.3488−0.3690i	0.0993−0.2144i	0.0724+0.0993i	0.0300+0.0089i	0.0901+0.0449i	0.1384−0.0310i
27.8	0.2977−0.4942i	0.0542−0.0487i	0.2808−0.4185i	0.0737−0.2687i	0.0938+0.0558i	0.0304−0.0043i	0.1057+0.0065i	0.1275−0.0433i
27.9	0.2480−0.4903i	0.0490−0.0485i	0.2170−0.4355i	0.0448−0.3201i	0.1033+0.0211i	0.0336−0.0041i	0.0893−0.0089i	0.0889−0.0438i
28.0	0.1962−0.4824i	0.0496−0.0660i	0.1294−0.4614i	−0.0129−0.2787i	0.0926+0.0301i	0.0328+0.0079i	0.0499−0.0068i	0.0283−0.0956i
28.1	0.1379−0.4184i	0.0451−0.0556i	0.0803−0.4381i	−0.0458−0.2370i	0.0772+0.0034i	0.0251+0.0023i	0.0296−0.0044i	0.0303−0.0725i
28.2	0.1213−0.3809i	0.0409−0.0577i	0.0371−0.4133i	−0.0448−0.2286i	0.0401−0.0118i	0.0099+0.0094i	0.0154+0.0056i	0.0058−0.0510i
28.3	0.0940−0.3461i	0.0425−0.0594i	0.0097−0.3885i	−0.0960−0.2461i	0.0648−0.0363i	0.0295−0.0077i	0.0332−0.0436i	−0.0108−0.0295i
28.4	0.0798−0.3265i	0.0455−0.0580i	−0.0044−0.3677i	−0.1080−0.2138i	0.0927−0.0021i	0.0464+0.0135i	0.0646−0.0441i	0.0061−0.0576i
28.5	0.0775−0.2895i	0.0397−0.0644i	−0.0052−0.3441i	−0.0671−0.1640i	0.0752+0.0058i	0.0381+0.0275i	0.0506−0.0146i	0.0223−0.0822i
28.6	0.0633−0.2631i	0.0354−0.0733i	−0.0115−0.3144i	−0.0255−0.0986i	0.0361+0.0044i	0.0189+0.0221i	0.0279+0.0100i	0.0547−0.0773i
28.7	0.0612−0.2367i	0.0401−0.0823i	−0.0011−0.3171i	−0.0701−0.0470i	0.0262−0.0200i	0.0329+0.0011i	0.0247−0.0261i	0.0194−0.0686i
28.8	0.0670−0.2030i	0.0418−0.0762i	−0.0138−0.2998i	−0.0936−0.0582i	−0.0256−0.0133i	−0.0022+0.0185i	−0.0312+0.0104i	0.0023−0.0593i
28.9	0.0850−0.1731i	0.0550−0.0664i	0.0060−0.2666i	−0.0578−0.0659i	0.0185−0.0075i	0.0106+0.0205i	0.0051+0.0046i	−0.0164−0.0592i
29.0	0.0968−0.1555i	0.0762−0.0710i	0.0476−0.2402i	−0.0906−0.0450i	−0.0085−0.0190i	0.0014+0.0040i	−0.0145−0.0101i	−0.0233−0.0311i
29.1	0.0796−0.1469i	0.0570−0.0803i	0.0410−0.2575i	−0.1125−0.0558i	−0.0169−0.0278i	0.0126−0.0065i	−0.0335−0.0152i	−0.0122−0.0446i
29.2	0.0871−0.1319i	0.0619−0.0809i	0.0407−0.2362i	−0.0861−0.0376i	−0.0068−0.0293i	0.0081−0.0087i	−0.0204−0.0104i	0.0058−0.0364i
29.3	0.0996−0.1202i	0.0809−0.0841i	0.0629−0.2264i	−0.0761−0.0185i	−0.0238−0.0523i	−0.0048−0.0124i	−0.0536−0.0206i	0.0157−0.0088i
29.4	0.1225−0.1035i	0.1044−0.0841i	0.1051−0.2288i	−0.1096−0.0459i	−0.0320−0.0327i	−0.0161+0.0083i	−0.0625+0.0259i	−0.0179−0.0022i
29.5	0.1131−0.0973i	0.1063−0.0812i	0.1274−0.2204i	−0.1461−0.0480i	−0.0445−0.0052i	−0.0275+0.0230i	−0.0545+0.0505i	−0.0309−0.0029i
29.6	0.1008−0.0891i	0.1030−0.0844i	0.1385−0.2225i	−0.1195−0.0569i	−0.0306−0.0076i	0.0024+0.0141i	−0.0253+0.0375i	−0.0111−0.0093i
29.7	0.0976−0.0848i	0.0931−0.0965i	0.1479−0.2427i	−0.1641−0.0163i	−0.0596−0.0609i	−0.0094−0.0061i	−0.0619−0.0071i	−0.0224+0.0417i
29.8	0.1033−0.0754i	0.0987−0.1050i	0.1728−0.2526i	−0.1736−0.0119i	−0.0693−0.0372i	−0.0161+0.0002i	−0.0562+0.0137i	−0.0163−0.0163i
29.9	0.0963−0.0727i	0.0978−0.1132i	0.2056−0.2491i	−0.1092+0.0161i	−0.0542−0.0232i	0.0067+0.0156i	−0.0374+0.0154i	−0.0037−0.0427i
30.0	0.0797−0.0504i	0.0947−0.1019i	0.2276−0.2537i	−0.0697+0.0218i	−0.1038−0.0162i	0.0040+0.0213i	−0.0792+0.0343i	0.0066+0.0215i
30.1	0.1144−0.0691i	0.1143−0.1135i	0.2236−0.2430i	−0.1449−0.0129i	−0.0712−0.0624i	0.0047+0.0096i	−0.0708−0.0266i	−0.0797+0.0440i
30.2	0.1196−0.0560i	0.1229−0.1335i	0.2531−0.3148i	−0.1924+0.0322i	−0.0195−0.0158i	0.0319+0.0127i	−0.0384−0.0006i	−0.1146+0.0181i
30.3	0.0855−0.0409i	0.1051−0.1238i	0.3076−0.3266i	−0.1724+0.0524i	−0.0444−0.0083i	0.0425+0.0032i	−0.0640−0.0000i	−0.0763+0.0243i
30.4	0.1010−0.0385i	0.1258−0.1435i	0.3339−0.3676i	−0.1658+0.0735i	−0.0830+0.0251i	0.0124+0.0123i	−0.0735+0.0813i	−0.0087+0.0296i
30.5	0.1196−0.0252i	0.1511−0.1475i	0.3267−0.3872i	−0.1636+0.0674i	−0.0555+0.0613i	−0.0012+0.0275i	−0.0551+0.1176i	−0.0288−0.0191i
30.6	0.1263−0.0130i	0.1634−0.1511i	0.3548−0.4095i	−0.1680+0.0256i	−0.0372+0.0545i	0.0096+0.0353i	−0.0307+0.1055i	−0.0685−0.0588i
30.7	0.1086−0.0026i	0.1580−0.1614i	0.3822−0.4324i	−0.2367+0.0495i	−0.0425−0.0044i	0.0326+0.0121i	−0.0305+0.0468i	−0.0770−0.0086i
30.8	0.1035+0.0049i	0.1557−0.1988i	0.3993−0.5121i	−0.2542+0.1367i	−0.0596+0.0066i	0.0381+0.0166i	−0.0482+0.0696i	−0.0426+0.0346i

30.9	0.1103+0.0352i	0.1373-0.1970i	0.3640-0.5999i	-0.1964+0.1468i	0.0163+0.0165i	0.0517+0.0257i	0.0161+0.0522i	-0.1001+0.0333i
31.0	0.1138+0.0446i	0.1371-0.2206i	0.4262-0.7315i	-0.1807+0.1791i	-0.0002+0.0615i	0.0662+0.0300i	0.0385+0.0730i	-0.0871+0.0051i
31.1	0.1378+0.0454i	0.1493-0.2474i	0.4260-0.7947i	-0.2335+0.2180i	-0.0479+0.1070i	0.0404+0.0237i	0.0049+0.1344i	-0.0327+0.0171i
31.2	0.1354+0.0637i	0.1360-0.2437i	0.4058-0.8205i	-0.2254+0.1811i	-0.0224+0.0992i	0.0448+0.0153i	0.0026+0.1314i	-0.0455+0.0232i
31.3	0.1195+0.0908i	0.1455-0.2349i	0.4351-0.9029i	-0.1917+0.1421i	-0.0190+0.0877i	0.0587-0.0075i	0.0023+0.1172i	-0.0480+0.0006i
31.4	0.1405+0.0930i	0.1586-0.2371i	0.4078-1.0239i	-0.2089+0.1777i	-0.0116+0.0589i	0.0417-0.0028i	0.0052+0.0844i	-0.0908+0.0243i
31.5	0.1595+0.1144i	0.1389-0.2437i	0.3273-1.0576i	-0.1537+0.1993i	-0.0351+0.0889i	0.0287-0.0429i	0.0163+0.0918i	-0.0920+0.0063i
31.6	0.1605+0.1372i	0.1396-0.2446i	0.3039-1.1396i	-0.1518+0.2226i	-0.0568+0.0583i	0.0366-0.0512i	0.0135+0.0802i	-0.0533+0.0550i
31.7	0.2074+0.1451i	0.1304-0.2719i	0.2185-1.3189i	-0.1454+0.2309i	-0.0074+0.0400i	0.0451-0.0259i	0.0323+0.0709i	-0.0488+0.0681i
31.8	0.2456+0.1422i	0.1258-0.3280i	0.0216-1.4491i	-0.1564+0.2599i	0.0654+0.1128i	0.0276+0.0015i	0.0702+0.1145i	-0.0982+0.0320i
31.9	0.2714+0.1697i	0.1092-0.2913i	-0.0749-1.4081i	-0.1271+0.1899i	0.0707+0.0862i	0.0257-0.0350i	0.0774+0.0763i	-0.1153+0.0366i
32.0	0.2874+0.2082i	0.1072-0.2835i	-0.2158-1.5793i	-0.1582+0.1861i	0.0379+0.0605i	0.0289-0.0726i	0.0644+0.0606i	-0.0770+0.0371i
32.1	0.3346+0.1489i	0.0966-0.3118i	-0.5269-1.5619i	-0.1715+0.2323i	0.0537+0.0200i	0.0208-0.0597i	0.0882+0.0600i	-0.0683+0.1080i
32.2	0.3399+0.1350i	0.1099-0.3072i	-0.5744-1.5754i	-0.1826+0.2220i	0.0703+0.0090i	0.0213-0.0444i	0.1036+0.0475i	-0.0931+0.1234i
32.3	0.3262+0.0888i	0.0654-0.3043i	-0.8290-1.3513i	-0.1602+0.2685i	0.0826+0.0174i	0.0269-0.0596i	0.1297+0.0224i	-0.0933+0.0875i
32.4	0.3994+0.0668i	0.0518-0.3273i	-1.1825-1.2285i	-0.1964+0.3458i	0.1040+0.0425i	0.0450-0.0473i	0.1171+0.0407i	-0.0997+0.0867i
32.5	0.4118+0.0559i	0.0555-0.3145i	-1.3602-0.9722i	-0.2005+0.3691i	0.0789-0.0184i	0.0520-0.0423i	0.1119+0.0123i	-0.0894+0.1507i
32.6	0.4085+0.0325i	0.0336-0.3036i	-1.4504-0.8161i	-0.1584+0.3909i	0.0911-0.0358i	0.0325-0.0651i	0.0828+0.0011i	-0.0623+0.1389i
32.7	0.3981-0.0064i	0.0241-0.3052i	-1.3450-0.5263i	-0.1300+0.4108i	0.0806-0.0564i	0.0265-0.0624i	0.0787-0.0085i	-0.0053+0.1443i
32.8	0.3691-0.0383i	0.0197-0.2819i	-1.2991-0.3329i	-0.0774+0.3644i	0.0100-0.1128i	0.0293-0.0736i	0.0613-0.0462i	0.0364+0.2046i
32.9	0.3494-0.0217i	0.0334-0.2617i	-1.2730-0.2455i	-0.0677+0.3697i	0.0160-0.0853i	0.0484-0.0623i	0.0938-0.0460i	0.0112+0.1829i
33.0	0.3688-0.0237i	0.0498-0.2768i	-1.2058-0.1988i	-0.0211+0.4152i	-0.0032-0.0311i	0.0373-0.0930i	0.0983-0.0170i	0.0740+0.1195i
33.1	0.3907-0.0697i	0.0653-0.2761i	-1.0424-0.0688i	-0.0349+0.3612i	-0.0064-0.0713i	0.0122-0.1162i	0.1050-0.0549i	0.0871+0.1024i
33.2	0.3096-0.0632i	0.0457-0.2605i	-0.9497+0.0306i	-0.0346+0.3216i	-0.0368-0.0723i	0.0276-0.1251i	0.0568-0.0506i	0.1490+0.1013i
33.3	0.2911-0.0423i	0.0621-0.2640i	-0.9215+0.0482i	-0.0719+0.2507i	-0.0540-0.0711i	0.0099-0.1506i	0.0229-0.0488i	0.1633+0.1060i
33.4	0.3220-0.0480i	0.0636-0.2531i	-0.8271+0.1335i	-0.1043+0.2329i	-0.0322-0.0717i	0.0057-0.1116i	0.0456-0.0335i	0.1166+0.1013i
33.5	0.3184-0.0190i	0.0764-0.2570i	-0.6077+0.0184i	-0.1046+0.2370i	-0.0430-0.0800i	0.0002-0.1002i	0.0213-0.0303i	0.1183+0.0811i
33.6	0.2340-0.0253i	0.0766-0.2488i	-0.5347-0.0838i	-0.1040+0.1787i	-0.0369-0.0446i	-0.0179-0.1002i	0.0194-0.0221i	0.1010+0.0032i
33.7	0.2866-0.0200i	0.0786-0.2638i	-0.4089+0.1025i	-0.1799+0.2609i	-0.0699-0.0188i	-0.0543-0.0961i	-0.0143+0.0160i	0.0995-0.0192i
33.8	0.3079+0.0064i	0.0534-0.2723i	-0.3955+0.1042i	-0.2302+0.3008i	-0.0908+0.0118i	-0.0983-0.0829i	-0.0584+0.0251i	0.0882-0.0451i
33.9	0.3040-0.0088i	0.1052-0.2479i	-0.3755-0.1011i	-0.2377+0.2662i	-0.0744+0.0242i	-0.0672-0.0792i	-0.0061+0.0366i	0.0936-0.0556i
34.0	0.2625-0.0216i	0.1118-0.2426i	-0.3893-0.0418i	-0.2520+0.2900i	-0.0528-0.0003i	-0.0544-0.0642i	0.0356+0.0399i	0.0437-0.0327i
34.1	0.2687-0.1286i	0.0817-0.2395i	-0.4414-0.0638i	-0.2109+0.3329i	-0.0515+0.0369i	-0.0813-0.0711i	0.0508+0.0245i	0.0172-0.0816i
34.2	0.2651-0.1242i	0.1310-0.2387i	-0.5465-0.0645i	-0.2681+0.2608i	-0.0288+0.0104i	-0.0518-0.1125i	0.0911-0.0139i	0.0302-0.0640i
34.3	0.2852-0.0368i	0.1379-0.2459i	-0.4420-0.1063i	-0.2279+0.3793i	-0.0318-0.0123i	0.0006-0.0495i	0.0692+0.0432i	0.0093+0.0614i
34.4	0.3747-0.1140i	0.1199-0.2540i	-0.3800-0.1960i	-0.1717+0.4717i	-0.0529-0.0124i	-0.0040-0.0451i	0.0713+0.0398i	0.0285+0.0747i
34.5	0.3124-0.1131i	0.1603-0.2541i	-0.3977-0.1641i	-0.2608+0.3872i	-0.0320+0.0195i	-0.0218-0.0622i	0.1049+0.0162i	0.0073+0.0243i
34.6	0.3788-0.1212i	0.1815-0.2684i	-0.3507-0.2354i	-0.2623+0.4647i	-0.0335+0.0158i	0.0413-0.0455i	0.1020+0.0491i	0.0336+0.0584i
34.7	0.3572-0.1727i	0.1819-0.2796i	-0.3621-0.2063i	-0.2465+0.4873i	-0.0284+0.0322i	0.0268-0.0209i	0.1135+0.0571i	0.0288+0.0614i
34.8	0.2990-0.2058i	0.2195-0.2854i	-0.4030-0.1974i	-0.2493+0.4492i	-0.0227+0.0512i	-0.0081-0.0190i	0.1239+0.0445i	0.0153+0.0304i
34.9	0.2879-0.1885i	0.2484-0.3043i	-0.4443-0.1755i	-0.3288+0.4510i	-0.0504+0.0110i	-0.0105-0.0548i	0.1245+0.0040i	0.0398+0.0463i
35.0	0.2512-0.1829i	0.2583-0.3398i	-0.4571-0.1166i	-0.4004+0.4709i	-0.0329-0.0085i	-0.0066-0.0813i	0.1365-0.0493i	0.0453+0.0569i
35.1	0.2425-0.1664i	0.2590-0.3633i	-0.4355-0.1897i	-0.3185+0.5769i	-0.0245+0.0253i	0.0495-0.1035i	0.1414-0.0403i	0.0623+0.0425i
35.2	0.2515-0.1510i	0.2739-0.3613i	-0.4150-0.2206i	-0.2558+0.5956i	-0.0402+0.0456i	0.0100-0.1286i	0.1344-0.0499i	0.0620+0.0316i
35.3	0.2325-0.1781i	0.2952-0.4484i	-0.4092-0.2137i	-0.3629+0.7173i	-0.0358+0.0465i	0.0142-0.0997i	0.1150-0.0482i	0.0621+0.0308i
35.4	0.2243-0.2003i	0.3218-0.4574i	-0.3314-0.2162i	-0.4355+0.6994i	-0.0448+0.0206i	0.0269-0.0532i	0.0898-0.0627i	0.0702+0.0579i
35.5	0.1576-0.2430i	0.2737-0.4647i	-0.4971-0.2258i	-0.2015+0.6754i	-0.0109+0.0447i	-0.1396-0.0995i	0.0518-0.1722i	-0.0078-0.0243i
35.6	0.1666-0.1959i	0.2947-0.5102i	-0.4884-0.2206i	-0.3243+0.8175i	-0.0428+0.0561i	-0.0591-0.1131i	0.0566-0.1115i	0.0425-0.0215i
35.7	0.1559-0.1825i	0.2859-0.5888i	-0.4529-0.2456i	-0.2756+1.0300i	-0.0482+0.0857i	-0.0250-0.1365i	0.0421-0.1126i	0.0898-0.0472i
35.8	0.1708-0.1894i	0.2053-0.6264i	-0.4503-0.3361i	-0.0540+1.1142i	0.0033+0.1158i	-0.0881-0.2154i	0.0554-0.1520i	0.0524-0.0865i
35.9	0.1086-0.1270i	0.2169-0.6542i	-0.4632-0.2683i	-0.0825+1.0916i	0.0167+0.0705i	-0.0779-0.1409i	-0.0714-0.1559i	-0.0069-0.0441i
36.0	0.1090-0.1135i	0.2275-0.6374i	-0.5055-0.1608i	-0.1957+0.9845i	-0.0145+0.0416i	-0.0844-0.0640i	-0.1513-0.0920i	-0.0063+0.0093i
36.1	0.1188-0.1087i	0.2455-0.6455i	-0.5100-0.1534i	-0.2021+0.9995i	-0.0015+0.0518i	-0.0549-0.1130i	-0.1103-0.0391i	-0.0031+0.0210i
36.2	0.1310-0.1175i	0.2107-0.7046i	-0.4512-0.1768i	-0.0945+1.1300i	0.0240+0.0796i	-0.0982-0.1392i	-0.1101-0.0312i	-0.0231-0.0351i
36.3	0.1313-0.1015i	0.2201-0.6869i	-0.4721-0.1303i	-0.0657+1.0708i	0.0364+0.0722i	-0.1235-0.0820i	-0.1353-0.0149i	-0.0524-0.0220i
36.4	0.1347-0.0829i	0.1932-0.6787i	-0.4769-0.2189i	0.0443+1.0123i	0.0369+0.0325i	-0.1423-0.0658i	-0.1203+0.0076i	-0.0786+0.0165i
36.5	0.1053-0.0821i	0.2174-0.7237i	-0.4676-0.1677i	0.0235+1.1038i	0.0297+0.0251i	-0.0979-0.0887i	-0.0953+0.0306i	-0.0424+0.0073i
36.6	0.0624-0.0951i	0.2023-0.7847i	-0.4372-0.1314i	0.0168+1.1663i	0.0379+0.0434i	-0.0736-0.1090i	-0.0747+0.0418i	-0.0304-0.0210i
36.7	0.0553-0.0374i	0.1426-0.7932i	-0.3709-0.2204i	0.2070+1.1800i	0.0604+0.0643i	-0.1201-0.1046i	-0.0833+0.0480i	-0.0540-0.0333i
36.8	0.0656-0.0111i	0.1440-0.8282i	-0.3513-0.2340i	0.2142+1.2137i	0.0611+0.0385i	-0.1068-0.1177i	-0.0631+0.0688i	-0.0426+0.0064i
36.9	0.0705+0.0100i	0.1698-0.8685i	-0.4253-0.2846i	0.1868+1.2520i	0.0325+0.0299i	-0.1252-0.1038i	-0.1026+0.0936i	-0.0671+0.0158i
37.0	0.0833-0.0095i	0.1693-0.9010i	-0.4612-0.3076i	0.1767+1.2675i	0.0279+0.0313i	-0.1114-0.0921i	-0.0637+0.0949i	-0.0387+0.0182i
37.1	0.0949-0.0035i	0.1552-0.9429i	-0.4752-0.3141i	0.2036+1.2689i	0.0344+0.0359i	-0.0905-0.0740i	-0.0185+0.1085i	-0.0409+0.0272i

37.2	0.1105+0.0193i	0.1374-0.9679i	-0.6216-0.2679i	0.2258+1.2694i	0.0287+0.0373i	-0.0499-0.0973i	0.0095+0.0995i	-0.0384+0.0374i
37.3	0.1123+0.0650i	0.0680-1.0780i	-0.5132-0.2695i	0.3695+1.3616i	0.0577+0.0143i	-0.0974-0.1334i	0.0149+0.0800i	-0.0565+0.0566i
37.4	0.1443+0.0834i	-0.0040-1.1363i	-0.4777-0.4399i	0.4606+1.4088i	0.0193+0.0308i	-0.1621-0.1224i	-0.0363+0.0912i	-0.0350+0.0680i
37.5	0.2052+0.0830i	-0.0327-1.1416i	-0.6130-0.3448i	0.4414+1.3639i	0.0058+0.0218i	-0.1351-0.1295i	-0.0178+0.1057i	-0.0018+0.0786i
37.6	0.2175+0.0891i	-0.0605-1.1305i	-0.7271-0.2868i	0.4568+1.3483i	0.0083+0.0291i	-0.1265-0.1292i	0.0220+0.1244i	0.0004+0.0675i
37.7	0.2108+0.0682i	-0.0888-1.1687i	-0.7941-0.2404i	0.5729+1.4023i	0.0185+0.0326i	-0.1218-0.2007i	0.0679+0.1080i	0.0238+0.0500i
37.8	0.2304+0.0696i	-0.1230-1.1648i	-0.8730-0.2681i	0.5863+1.3778i	0.0342-0.0144i	-0.0939-0.1782i	0.0698+0.0941i	0.0411+0.1098i
37.9	0.2431+0.0613i	-0.2285-1.2246i	-0.9167-0.2421i	0.6905+1.3936i	0.0111-0.0304i	-0.0928-0.2181i	0.0643+0.1150i	0.0745+0.1131i
38.0	0.2460+0.0606i	-0.2521-1.2013i	-1.0067-0.2020i	0.6550+1.3044i	-0.0314-0.0156i	-0.1487-0.2461i	0.0749+0.1255i	0.1059+0.0509i
38.1	0.2728+0.0280i	-0.2677-1.1878i	-1.0519-0.1745i	0.6804+1.3263i	-0.0372+0.0180i	-0.1807-0.1819i	0.0998+0.1046i	0.0947+0.0118i
38.2	0.3016+0.0189i	-0.3980-1.1425i	-1.1481-0.0750i	0.7882+1.2646i	-0.0324+0.0213i	-0.2366-0.1457i	0.0842+0.1011i	0.0641+0.0139i
38.3	0.3067+0.0163i	-0.4532-1.1145i	-1.1532+0.0251i	0.8505+1.2425i	-0.0359+0.0121i	-0.2472-0.1602i	0.0783+0.1077i	0.0636+0.0355i
38.4	0.2997-0.0177i	-0.4930-1.1005i	-1.2079+0.1782i	0.9238+1.2154i	-0.0209+0.0086i	-0.2642-0.1213i	0.0720+0.0948i	0.0287+0.0361i
38.5	0.2859-0.0502i	-0.4939-1.0834i	-1.2063+0.3091i	0.9366+1.1980i	-0.0122-0.0011i	-0.2620-0.1300i	0.0727+0.0743i	0.0322+0.0431i
38.6	0.3052-0.0690i	-0.5387-1.0728i	-1.1900+0.3503i	0.9486+1.2243i	-0.0116+0.0024i	-0.2669-0.1068i	0.0918+0.0636i	0.0249+0.0402i
38.7	0.2985-0.0982i	-0.5977-1.0782i	-1.1940+0.4818i	1.0229+1.2061i	-0.0177+0.0131i	-0.2747-0.0989i	0.0880+0.0935i	0.0361+0.0449i
38.8	0.2521-0.1263i	-0.5777-1.1205i	-1.1026+0.6903i	1.0522+1.2888i	-0.0173-0.0021i	-0.2712-0.1165i	0.0833+0.0541i	0.0338+0.0322i
38.9	0.1922-0.1499i	-0.5743-1.0843i	-0.8473+0.8362i	1.0599+1.1774i	-0.0168-0.0380i	-0.2867-0.1091i	0.1054+0.0546i	0.0311+0.0528i
39.0	0.1794-0.1621i	-0.6015-1.0515i	-0.8200+0.8618i	1.1023+1.1888i	-0.0254-0.0190i	-0.3106-0.0851i	0.0905+0.0663i	0.0199+0.0594i
39.1	0.1675-0.1513i	-0.6931-1.0395i	-0.6264+0.9361i	1.1985+1.1898i	-0.0370-0.0033i	-0.3428-0.0700i	0.0955+0.0786i	0.0350+0.0464i
39.2	0.1230-0.1231i	-0.7055-1.0339i	-0.4583+0.9468i	1.2026+1.1557i	-0.0586-0.0319i	-0.3555-0.0677i	0.1043+0.0842i	0.0428+0.0664i
39.3	0.1051-0.0702i	-0.7459-1.0558i	-0.2784+0.8807i	1.2516+1.1195i	-0.0629-0.0174i	-0.3814-0.0548i	0.0917+0.0937i	0.0459+0.0439i
39.4	0.0547-0.0580i	-0.7871-1.0223i	-0.0665+0.9355i	1.3278+1.0308i	-0.0519+0.0298i	-0.4106+0.0029i	0.0819+0.1261i	0.0081+0.0406i
39.5	0.0826-0.0179i	-0.8507-0.9987i	-0.0119+0.7391i	1.3872+0.9326i	-0.0455+0.0194i	-0.4148+0.0537i	0.1116+0.1483i	0.0103+0.0764i
39.6	0.0751+0.0346i	-0.8800-1.0071i	0.0612+0.5957i	1.4025+0.9342i	-0.0507+0.0185i	-0.4401+0.0574i	0.1231+0.1559i	0.0133+0.0697i
39.7	0.0926+0.0626i	-0.9154-0.9791i	0.0782+0.5797i	1.3712+0.9454i	-0.0545+0.0378i	-0.4346+0.0602i	0.1648+0.1275i	0.0230+0.0462i
39.8	0.1344+0.0451i	-0.9243-0.9425i	0.1539+0.6094i	1.3933+0.9347i	-0.0651+0.0408i	-0.4010+0.0977i	0.1839+0.1228i	0.0209+0.0474i
39.9	0.1608+0.0424i	-0.9966-0.9016i	0.2133+0.5023i	1.4981+0.8746i	-0.0624+0.0426i	-0.4198+0.1121i	0.1857+0.1195i	0.0327+0.0358i
40.0	0.1513+0.0748i	-1.0569-0.8963i	0.3234+0.3353i	1.5873+0.7850i	-0.0649+0.0452i	-0.4065+0.1292i	0.2033+0.1285i	0.0478+0.0559i
40.1	0.1720+0.1036i	-1.0817-0.8524i	0.3954+0.2069i	1.6073+0.7279i	-0.0483+0.0412i	-0.4149+0.1515i	0.2022+0.1226i	0.0182+0.0509i
40.2	0.2053+0.1083i	-1.0671-0.7906i	0.4856+0.0929i	1.5202+0.6645i	-0.0446+0.0343i	-0.4046+0.1646i	0.2227+0.0990i	0.0128+0.0549i
40.3	0.2208+0.1048i	-1.0700-0.7339i	0.5093-0.0403i	1.5072+0.6048i	-0.0464+0.0527i	-0.3788+0.2207i	0.2445+0.0946i	0.0253+0.0465i
40.4	0.2542+0.1239i	-1.1313-0.7344i	0.5484-0.1652i	1.5634+0.5680i	-0.0457+0.0548i	-0.3762+0.2431i	0.2740+0.1051i	0.0479+0.0552i
40.5	0.2163+0.1061i	-1.1220-0.6909i	0.5526-0.2297i	1.5569+0.5360i	-0.0377+0.0491i	-0.3592+0.2373i	0.2870+0.0744i	0.0487+0.0763i
40.6	0.2388+0.1028i	-1.1085-0.6610i	0.4286-0.4583i	1.5449+0.5105i	-0.0251+0.0570i	-0.3659+0.2541i	0.2825+0.0658i	0.0141+0.0689i
40.7	0.2517+0.1272i	-1.1127-0.6566i	0.4030-0.5595i	1.5854+0.4837i	-0.0125+0.0656i	-0.3548+0.2851i	0.2773+0.0579i	0.0133+0.0758i
40.8	0.2712+0.0853i	-1.0872-0.5947i	0.2634-0.5795i	1.5645+0.4271i	-0.0291+0.0653i	-0.3456+0.3233i	0.2902+0.0293i	0.0273+0.0707i
40.9	0.2603+0.0585i	-1.1120-0.5605i	0.2236-0.7506i	1.5867+0.3544i	-0.0333+0.0640i	-0.3187+0.3343i	0.3049+0.0151i	0.0283+0.0518i
41.0	0.2135+0.0850i	-1.0952-0.5517i	0.1084-0.8785i	1.5351+0.3661i	-0.0348+0.0747i	-0.2995+0.3159i	0.3168-0.0090i	0.0311+0.0485i
41.1	0.2445+0.1310i	-1.1142-0.5420i	-0.0486-0.8448i	1.5519+0.3766i	-0.0428+0.0810i	-0.3089+0.3190i	0.3081-0.0352i	0.0363+0.0660i
41.2	0.3431+0.1165i	-1.1211-0.5249i	-0.1440-0.8787i	1.5800+0.3197i	-0.0454+0.0926i	-0.3035+0.3680i	0.3202-0.0490i	0.0496+0.0491i
41.3	0.3654+0.0614i	-1.1176-0.5041i	-0.1848-0.9194i	1.5716+0.2488i	-0.0318+0.0851i	-0.2833+0.3805i	0.3135-0.0352i	0.0414+0.0703i
41.4	0.3327+0.0706i	-1.1243-0.5043i	-0.1861-0.9467i	1.6084+0.2293i	-0.0222+0.0840i	-0.2624+0.3944i	0.2969-0.0341i	0.0320+0.0774i
41.5	0.3058+0.1083i	-1.1192-0.4768i	-0.2862-0.9630i	1.5822+0.1973i	-0.0245+0.0867i	-0.2253+0.4089i	0.3033-0.0258i	0.0533+0.0721i
41.6	0.3252+0.0697i	-1.0874-0.4532i	-0.3829-0.9244i	1.4938+0.1083i	-0.0307+0.1029i	-0.1858+0.4345i	0.3159-0.0687i	0.0582+0.0669i
41.7	0.2798+0.0470i	-1.0981-0.4386i	-0.4797-0.8634i	1.4533+0.1221i	-0.0301+0.1186i	-0.1699+0.4388i	0.3335-0.0953i	0.0422+0.0603i
41.8	0.3300+0.0853i	-1.0941-0.4293i	-0.6217-0.8916i	1.3994+0.0678i	-0.0269+0.1086i	-0.1397+0.4325i	0.3526-0.0945i	0.0689+0.0458i
41.9	0.3538+0.0779i	-1.0849-0.4186i	-0.6244-0.8474i	1.2826+0.0967i	-0.0175+0.1143i	-0.1239+0.4462i	0.3332-0.0897i	0.0564+0.0744i
42.0	0.3130+0.0775i	-1.1068-0.4030i	-0.5965-0.9312i	1.4222+0.1702i	0.0001+0.1294i	-0.0909+0.4651i	0.3345-0.1173i	0.0490+0.0842i
42.1	0.3417+0.1257i	-1.1174-0.4017i	-0.7265-1.0474i	1.4624+0.1415i	0.0027+0.1292i	-0.0743+0.4709i	0.3622-0.1180i	0.0482+0.0660i
42.2	0.4329+0.1405i	-1.1143-0.4077i	-0.8771-1.0813i	1.3978+0.1048i	0.0173+0.1129i	-0.0249+0.4348i	0.3812-0.1347i	0.0663+0.0680i
42.3	0.4631+0.0853i	-1.1228-0.4148i	-0.9592-1.0505i	1.3605+0.1620i	0.0098+0.1204i	0.0269+0.4157i	0.3994-0.1770i	0.0813+0.0909i
42.4	0.4756+0.1259i	-1.1408-0.4317i	-1.1537-1.0230i	1.4331+0.1714i	0.0120+0.1329i	0.0622+0.4053i	0.4184-0.1799i	0.0907+0.0838i
42.5	0.5079+0.0253i	-1.1665-0.4192i	-1.3562-0.8337i	1.5153+0.1626i	0.0117+0.1343i	0.0743+0.3753i	0.4449-0.2129i	0.1159+0.0826i
42.6	0.4502-0.0202i	-1.1898-0.3878i	-1.3609-0.7184i	1.5354+0.1318i	0.0012+0.1335i	0.0565+0.3595i	0.4316-0.2616i	0.1380+0.0674i
42.7	0.4205-0.0354i	-1.1931-0.3627i	-1.4485-0.5115i	1.5004+0.0527i	0.0039+0.1325i	0.1111+0.3405i	0.4192-0.3218i	0.1371+0.0562i
42.8	0.4032-0.0501i	-1.1899-0.3529i	-1.4168-0.4275i	1.3786+0.0799i	0.0009+0.1533i	0.1496+0.3215i	0.4178-0.3824i	0.1314+0.0457i
42.9	0.4413-0.0209i	-1.2096-0.3351i	-1.3792-0.4116i	1.3774+0.2341i	0.0311+0.1617i	0.1202+0.3221i	0.3710-0.4060i	0.1190+0.0445i
43.0	0.4515-0.0523i	-1.2259-0.3162i	-1.4416-0.3747i	1.4644+0.1926i	0.0419+0.1414i	0.1460+0.2926i	0.3318-0.4219i	0.1328+0.0625i
43.1	0.4417-0.0786i	-1.2449-0.3144i	-1.4973-0.2793i	1.5307+0.1022i	0.0359+0.1507i	0.1722+0.2772i	0.2812-0.4141i	0.1425+0.0712i
43.2	0.4350-0.0523i	-1.2539-0.2819i	-1.4571-0.1490i	1.6286+0.0004i	0.0377+0.1404i	0.1767+0.2349i	0.2780-0.4526i	0.1525+0.0546i
43.3	0.4758-0.0969i	-1.2563-0.2690i	-1.3493-0.0586i	1.5441-0.1208i	0.0366+0.1563i	0.1961+0.2186i	0.2579-0.4725i	0.1742+0.0209i
43.4	0.3805-0.1736i	-1.2810-0.2547i	-1.2510-0.0138i	1.4523-0.1399i	0.0530+0.1719i	0.1960+0.1746i	0.2192-0.5306i	0.1508-0.0102i

43.5	0.2794-0.1084i	-1.2925-0.2409i	-1.1655-0.1622i	1.4299-0.0358i	0.0592+0.1870i	0.1513+0.1370i	0.1477-0.5410i	0.1295-0.0138i
43.6	0.4017+0.0144i	-1.3115-0.2188i	-1.4543-0.2431i	1.6119-0.0051i	0.0883+0.1940i	0.1243+0.1016i	0.1072-0.5401i	0.1276-0.0211i
43.7	0.4717-0.0772i	-1.3170-0.1824i	-1.4882-0.0519i	1.7161-0.1432i	0.1172+0.1820i	0.1262+0.0540i	0.0664-0.5084i	0.1145-0.0401i
43.8	0.3652-0.1448i	-1.3069-0.1485i	-1.2848+0.0120i	1.6733-0.2799i	0.1224+0.1741i	0.1072+0.0485i	0.0349-0.4925i	0.1210-0.0496i
43.9	0.3098-0.0998i	-1.2875-0.1370i	-1.2435-0.0504i	1.4813-0.3250i	0.1351+0.1751i	0.0932+0.0135i	0.0148-0.5300i	0.1232-0.0678i
44.0	0.3201-0.0393i	-1.2804-0.1496i	-1.3040-0.0359i	1.3858-0.2203i	0.1561+0.1801i	0.0841+0.0238i	-0.0216-0.4889i	0.1050-0.0597i
44.1	0.3364-0.0495i	-1.2929-0.1728i	-1.3197-0.0988i	1.3234-0.0606i	0.1566+0.1739i	0.0522+0.0078i	-0.0699-0.4759i	0.0773-0.0654i
44.2	0.4045+0.0522i	-1.3280-0.1089i	-1.4800-0.1218i	1.4689-0.1376i	0.1681+0.1456i	0.0268+0.0546i	-0.1100-0.4289i	0.0830-0.0565i
44.3	0.5109+0.0190i	-1.3449-0.1285i	-1.7581-0.0649i	1.5658+0.0059i	0.1899+0.1391i	0.0203-0.0003i	-0.1666-0.4028i	0.0650-0.0646i
44.4	0.5524-0.1043i	-1.3707-0.1173i	-1.8527+0.2468i	1.7056+0.0412i	0.2181+0.1227i	-0.0217+0.0290i	-0.1930-0.3591i	0.0562-0.0474i
44.5	0.4698-0.2163i	-1.3783-0.0644i	-1.5937+0.5387i	1.8223-0.1763i	0.2002+0.1077i	-0.0442+0.0800i	-0.1725-0.2729i	0.0685-0.0347i
44.6	0.4196-0.1969i	-1.3582-0.0248i	-1.3840+0.5545i	1.7296-0.4105i	0.1961+0.0920i	-0.0449+0.0745i	-0.1202-0.2576i	0.0630-0.0487i
44.7	0.3347-0.2020i	-1.3667-0.0173i	-1.2878+0.5115i	1.6699-0.4497i	0.1988+0.1146i	-0.0315+0.0969i	-0.1246-0.2275i	0.0486-0.0237i
44.8	0.2766-0.1538i	-1.3675-0.0138i	-1.3111+0.4755i	1.6889-0.4885i	0.2086+0.1054i	-0.0276+0.1057i	-0.0959-0.1706i	0.0545-0.0162i
44.9	0.2383-0.0336i	-1.3335-0.0095i	-1.2218+0.2910i	1.5800-0.5436i	0.2340+0.0832i	-0.0490+0.0875i	-0.0933-0.1970i	0.0405-0.0343i
45.0	0.3712+0.0320i	-1.3285-0.0212i	-1.5106+0.1584i	1.4420-0.3680i	0.2429+0.0911i	-0.0491+0.0804i	-0.1188-0.1883i	0.0394-0.0306i
45.1	0.4569-0.1062i	-1.3838-0.0245i	-1.6471+0.5107i	1.6318-0.3751i	0.2559+0.0638i	-0.0684+0.1053i	-0.0952-0.1426i	0.0483-0.0205i
45.2	0.3822-0.1439i	-1.3964-0.0100i	-1.4467+0.6767i	1.6696-0.5008i	0.2607+0.0736i	-0.0640+0.0947i	-0.0381-0.1157i	0.0407-0.0140i
45.3	0.3644-0.0824i	-1.4030-0.0001i	-1.4035+0.6274i	1.6159-0.5673i	0.2578+0.0326i	-0.0751+0.0780i	-0.0430-0.1224i	0.0464-0.0116i
45.4	0.3733-0.1259i	-1.4157+0.0253i	-1.2776+0.6728i	1.4675-0.5992i	0.2616+0.0250i	-0.0831+0.0898i	-0.0166-0.1136i	0.0537+0.0022i
45.5	0.3034-0.0735i	-1.4190+0.0393i	-1.2402+0.4278i	1.2912-0.5434i	0.2501+0.0213i	-0.1151+0.0723i	-0.0043-0.1111i	0.0373+0.0027i
45.6	0.3651-0.0300i	-1.4493+0.0429i	-1.4743+0.5359i	1.4662-0.4936i	0.2586-0.0015i	-0.1471+0.1482i	0.0191-0.1079i	0.0474+0.0202i
45.7	0.3975-0.0725i	-1.4642+0.0813i	-1.4341+0.6611i	1.4832-0.6594i	0.2654-0.0182i	-0.1090+0.1644i	0.0732-0.1218i	0.0530+0.0251i
45.8	0.4409-0.0571i	-1.4548+0.0588i	-1.4323+0.6327i	1.4127-0.4806i	0.2780-0.0169i	-0.1140+0.1631i	0.0855-0.1270i	0.0464+0.0160i
45.9	0.4506-0.1052i	-1.5125+0.0450i	-1.4987+0.7938i	1.6518-0.3954i	0.2900-0.0182i	-0.0895+0.2107i	0.1282-0.1126i	0.0436+0.0240i
46.0	0.3733-0.1371i	-1.5407+0.1030i	-1.2491+0.9412i	1.6831-0.5748i	0.2863-0.0705i	-0.0604+0.1607i	0.1582-0.1558i	0.0465+0.0234i
46.1	0.4149-0.0726i	-1.5498+0.1431i	-1.2455+0.8489i	1.6751-0.5814i	0.2585-0.1132i	-0.0856+0.1790i	0.1478-0.2030i	0.0727+0.0433i
46.2	0.4887-0.1264i	-1.5928+0.1888i	-1.2713+1.0705i	1.7986-0.8772i	0.2381-0.1063i	-0.0257+0.2343i	0.2100-0.2430i	0.0983+0.0303i
46.3	0.4035-0.1544i	-1.5710+0.2062i	-1.0887+0.9016i	1.5692-0.9205i	0.2153-0.0765i	-0.0099+0.2044i	0.1859-0.2445i	0.0841+0.0055i
46.4	0.4624-0.0960i	-1.5929+0.1757i	-1.2216+0.8286i	1.5507-0.7558i	0.2463-0.0529i	0.0441+0.1860i	0.2351-0.2571i	0.0727-0.0077i
46.5	0.4824-0.1784i	-1.6156+0.2019i	-1.1679+0.9446i	1.4862-0.9255i	0.2340-0.0387i	0.0701+0.0768i	0.2433-0.3435i	0.0790-0.0262i
46.6	0.4385-0.1886i	-1.6270+0.2286i	-1.1304+0.9297i	1.3424-0.9248i	0.2424-0.0744i	-0.0430+0.0268i	0.1610-0.4509i	0.0849-0.0015i
46.7	0.4412-0.2108i	-1.6408+0.2781i	-1.0370+1.0766i	1.2905-0.9785i	0.2760-0.1151i	-0.0927+0.0749i	0.1347-0.4937i	0.0646-0.0035i
46.8	0.3156-0.2198i	-1.6642+0.2880i	-0.9120+0.8301i	1.1998-0.7684i	0.2710-0.0897i	-0.1422+0.0810i	0.0679-0.4457i	0.0675-0.0254i
46.9	0.3120-0.1352i	-1.7147+0.2858i	-1.1448+0.7081i	1.4485-0.5647i	0.2671-0.0934i	-0.1946+0.1512i	0.0713-0.4138i	0.0722-0.0185i
47.0	0.4490-0.1445i	-1.7938+0.3411i	-1.2509+1.0004i	1.8019-0.6814i	0.2298-0.1850i	-0.1602+0.1934i	0.0670-0.4607i	0.0788+0.0027i
47.1	0.3743-0.2594i	-1.7763+0.4039i	-0.9155+1.0736i	1.6409-0.9069i	0.2192-0.1744i	-0.1221+0.1370i	0.0395-0.4928i	0.0667-0.0047i
47.2	0.2272-0.2152i	-1.7616+0.4343i	-0.8224+0.7637i	1.4450-0.9207i	0.2457-0.1750i	-0.1897+0.0858i	-0.0165-0.5215i	0.0639-0.0126i
47.3	0.2386-0.1279i	-1.7673+0.4943i	-0.9588+0.7833i	1.4038-1.0562i	0.2284-0.2047i	-0.2297+0.1309i	-0.0523-0.5154i	0.0832-0.0502i
47.4	0.2168-0.0494i	-1.7535+0.5213i	-0.9937+0.8065i	1.2633-1.0539i	0.2189-0.1993i	-0.2196+0.2182i	-0.0965-0.4551i	0.0868-0.0739i
47.5	0.2331+0.0231i	-1.7901+0.5529i	-1.1317+0.8487i	1.3478-1.0321i	0.1858-0.1914i	-0.2245+0.3147i	-0.1394-0.4119i	0.0832-0.0611i
47.6	0.2985+0.1084i	-1.8537+0.5639i	-1.1763+0.8713i	1.4506-0.9229i	0.1987-0.2149i	-0.1648+0.3532i	-0.0977-0.3996i	0.0306-0.0451i
47.7	0.4384+0.1195i	-1.8829+0.6225i	-1.2278+1.0024i	1.4398-1.0314i	0.1866-0.2417i	-0.1331+0.3221i	-0.1015-0.4179i	0.0176-0.0193i
47.8	0.5269+0.0083i	-1.8855+0.6731i	-1.0639+1.0978i	1.3101-1.0447i	0.1878-0.2502i	-0.1049+0.3219i	-0.1010-0.4126i	0.0158-0.0080i
47.9	0.5479-0.0543i	-1.8866+0.7722i	-0.9400+1.1104i	1.3432-1.1262i	0.1672-0.2757i	-0.1082+0.3692i	-0.1163-0.4343i	0.0220+0.0270i
48.0	0.6000-0.0472i	-1.8336+0.8577i	-1.0204+1.1639i	1.2945-1.1588i	0.1528-0.2818i	-0.0901+0.3861i	-0.1377-0.4549i	0.0256+0.0300i
48.1	0.5752-0.1941i	-1.7804+0.9072i	-0.7569+1.2199i	1.0166-1.2269i	0.1242-0.2886i	-0.0899+0.3551i	-0.1431-0.4683i	0.0195+0.0170i
48.2	0.4252-0.1694i	-1.7845+0.9202i	-0.6695+1.0438i	0.9683-1.0978i	0.0961-0.3045i	-0.0772+0.3983i	-0.1811-0.4395i	0.0417+0.0275i
48.3	0.4024-0.1017i	-1.7825+0.9601i	-0.6843+0.9146i	1.0285-1.0630i	0.0459-0.2770i	-0.0495+0.3894i	-0.2378-0.4689i	0.0652+0.0211i
48.4	0.4273+0.0636i	-1.7564+0.9745i	-0.8187+0.7487i	0.9765-0.9186i	0.0598-0.2630i	-0.0411+0.3606i	-0.2308-0.4771i	0.0402+0.0285i
48.5	0.6137+0.1098i	-1.7596+1.0203i	-0.9703+0.8327i	1.0801-0.9735i	0.0284-0.2873i	-0.0427+0.4085i	-0.2831-0.4420i	0.0442+0.0469i
48.6	0.6966+0.0352i	-1.7337+1.0391i	-1.0722+0.8992i	1.1202-0.9438i	0.0257-0.2687i	0.0087+0.4384i	-0.3135-0.3601i	0.0510+0.0223i
48.7	0.8235-0.0536i	-1.7334+1.0867i	-1.1249+0.9851i	1.1186-0.9296i	0.0238-0.2748i	0.0712+0.4205i	-0.2850-0.3736i	0.0583+0.0181i
48.8	0.9478-0.2881i	-1.7772+1.1684i	-1.0274+1.3443i	1.2121-1.1327i	-0.0268-0.3116i	0.1542+0.3805i	-0.3192-0.4248i	0.0496+0.0567i
48.9	0.7617-0.4208i	-1.7170+1.2089i	-0.7884+1.3802i	1.0353-1.2659i	-0.0400-0.2787i	0.1734+0.3310i	-0.3294-0.3440i	0.0578+0.0440i
49.0	0.5589-0.2867i	-1.6516+1.1890i	-0.6127+1.0411i	0.9020-1.1596i	-0.0583-0.2542i	0.1379+0.2944i	-0.3409-0.3690i	0.0802+0.0959i
49.1	0.5819-0.2866i	-1.6595+1.1900i	-0.7256+0.9818i	0.9753-1.0504i	-0.0231-0.2558i	0.1168+0.3425i	-0.2855-0.3481i	0.0843+0.1144i
49.2	0.5322-0.3434i	-1.6456+1.1743i	-0.8522+0.9116i	1.1107-0.7768i	-0.0118-0.2701i	0.1164+0.3796i	-0.2882-0.2693i	0.0941+0.1306i
49.3	0.5736-0.2743i	-1.6680+1.1968i	-0.9587+0.8787i	1.1363-0.8045i	-0.0533-0.2517i	0.1434+0.3412i	-0.2925-0.2656i	0.1286+0.0987i
49.4	0.7121-0.2924i	-1.7236+1.2015i	-1.1151+0.9773i	1.1102-0.8734i	-0.0831-0.1920i	0.1371+0.3351i	-0.2949-0.2284i	0.1388+0.0586i
49.5	0.7177-0.4254i	-1.7404+1.2707i	-1.0704+1.1238i	1.1901-0.9692i	-0.0730-0.2036i	0.1308+0.3277i	-0.3215-0.2183i	0.1254+0.0485i
49.6	0.6155-0.3713i	-1.7463+1.2887i	-0.9442+1.0988i	1.1460-0.9139i	-0.1195-0.1535i	0.1410+0.3359i	-0.3635-0.2123i	0.1562+0.0231i
49.7	0.6676-0.2952i	-1.7864+1.3134i	-1.1333+0.9877i	1.1986-0.7581i	-0.1048-0.1162i	0.1257+0.3526i	-0.3124-0.1555i	0.1695+0.0035i

49.8	0.8542-0.4007i	-1.7975+1.4017i	-1.3697+1.2657i	1.3731-0.9387i	-0.0933-0.1520i	0.1657+0.3344i	-0.2963-0.1776i	0.1547-0.0185i
49.9	0.8237-0.6310i	-1.7421+1.4701i	-1.1641+1.6471i	1.3485-1.0892i	-0.0998-0.1680i	0.1672+0.3351i	-0.3047-0.1554i	0.1386-0.0119i
50.0	0.5896-0.7218i	-1.7064+1.4785i	-0.9169+1.5674i	1.1620-1.0804i	-0.0489-0.1524i	0.1716+0.3552i	-0.2206-0.1385i	0.0936-0.0197i
50.1	0.5801-0.7918i	-1.7928+1.5601i	-0.8676+1.5534i	1.1243-1.1279i	-0.0331-0.0857i	0.2148+0.3669i	-0.2301-0.1046i	0.0798-0.0247i
50.2	0.4213-0.8025i	-1.7608+1.6113i	-0.6957+1.6792i	1.0582-1.0414i	-0.0660-0.0977i	0.2220+0.3072i	-0.2506-0.1301i	0.0801-0.0104i
50.3	0.3639-0.8136i	-1.7528+1.6163i	-0.5341+1.5980i	1.0519-1.1099i	-0.0786-0.0859i	0.2657+0.2534i	-0.1682-0.1162i	0.1013-0.0443i
50.4	0.2064-0.7840i	-1.7314+1.6485i	-0.3520+1.4351i	0.9866-1.0487i	-0.0387-0.0878i	0.2812+0.2020i	-0.1519-0.1477i	0.0993-0.0226i
50.5	0.0960-0.6241i	-1.7230+1.7267i	-0.5153+1.2203i	1.0462-0.9246i	0.0058-0.0954i	0.2418+0.2200i	-0.1130-0.1847i	0.0904-0.0046i
50.6	0.1912-0.5298i	-1.7887+1.8433i	-0.6629+1.2347i	1.2584-0.9132i	0.0117-0.0838i	0.2473+0.2469i	-0.0991-0.1947i	0.1039-0.0101i
50.7	0.2706-0.6399i	-1.7556+1.9253i	-0.6075+1.3676i	1.2558-1.0507i	-0.0202-0.1326i	0.2661+0.2186i	-0.1718-0.2387i	0.1513+0.0160i
50.8	0.1319-0.6402i	-1.6935+1.9288i	-0.4433+1.3147i	1.1473-1.0194i	-0.0512-0.1573i	0.2838+0.1347i	-0.1590-0.2531i	0.1194+0.0210i
50.9	0.1130-0.4409i	-1.7190+1.9722i	-0.4988+1.2673i	1.2990-1.0116i	-0.0365-0.1236i	0.2561+0.1239i	-0.1021-0.2599i	0.0883+0.0069i
51.0	0.1392-0.4309i	-1.7799+2.0716i	-0.4488+1.2721i	1.3207-1.1104i	-0.0393-0.0888i	0.2420+0.1888i	-0.1328-0.2791i	0.1389-0.0062i
51.1	0.1159-0.3353i	-1.7718+2.1449i	-0.5607+1.1059i	1.2504-1.1507i	-0.0399-0.1104i	0.2465+0.2185i	-0.1695-0.3369i	0.1390-0.0055i
51.2	0.1632-0.3336i	-1.7206+2.2418i	-0.7222+1.2492i	1.3731-1.1667i	0.0121-0.1247i	0.3334+0.1902i	-0.1813-0.3870i	0.1156-0.0089i
51.3	0.1626-0.4150i	-1.6970+2.3551i	-0.5527+1.2863i	1.3364-1.1354i	0.0178-0.1432i	0.3365+0.1245i	-0.2007-0.3836i	0.1115+0.0273i
51.4	0.0636-0.3953i	-1.6472+2.4255i	-0.5255+1.2595i	1.3720-1.1722i	-0.0153-0.1649i	0.2676+0.0751i	-0.2419-0.3892i	0.1257+0.0298i
51.5	0.0386-0.2696i	-1.5893+2.5388i	-0.4258+1.0803i	1.2463-1.1430i	-0.0572-0.1713i	0.2295+0.1131i	-0.2874-0.3856i	0.1476+0.0019i
51.6	0.0891-0.1269i	-1.5628+2.6133i	-0.6390+0.8630i	1.3471-1.1843i	-0.0513-0.1615i	0.2503+0.0951i	-0.3421-0.4134i	0.1566-0.0162i
51.7	0.2505-0.1702i	-1.5169+2.7007i	-0.9173+1.0368i	1.4019-1.2804i	-0.0466-0.1242i	0.2828+0.0490i	-0.3853-0.3987i	0.1560-0.0309i
51.8	0.2625-0.2305i	-1.4571+2.7404i	-0.7883+1.1369i	1.4169-1.3865i	-0.0381-0.1460i	0.2535+0.0223i	-0.3752-0.3920i	0.1192-0.0103i
51.9	0.2557-0.1757i	-1.4397+2.7684i	-0.6482+1.0070i	1.3934-1.3792i	-0.0471-0.1578i	0.2287+0.0253i	-0.3720-0.4368i	0.1388+0.0150i
52.0	0.2226-0.1572i	-1.3534+2.8502i	-0.7170+0.9679i	1.3334-1.2983i	-0.0682-0.1870i	0.1878+0.0208i	-0.3913-0.4710i	0.1651+0.0308i
52.1	0.2399-0.0727i	-1.2401+3.0107i	-0.8795+0.9061i	1.3612-1.3671i	-0.0385-0.1979i	0.1823-0.0002i	-0.4187-0.4844i	0.1417+0.0320i
52.2	0.3466+0.0213i	-1.1243+3.0383i	-1.0176+0.9417i	1.4409-1.3275i	-0.0322-0.2443i	0.1857+0.0058i	-0.4522-0.5126i	0.1459+0.0504i
52.3	0.5415-0.0386i	-1.0558+3.0725i	-1.1229+1.0650i	1.4813-1.3173i	-0.0766-0.2843i	0.2268-0.0049i	-0.5362-0.5065i	0.1675+0.0361i
52.4	0.5312-0.1722i	-0.9948+3.1401i	-0.9951+1.1843i	1.4817-1.4129i	-0.1445-0.3501i	0.2277-0.0608i	-0.5975-0.5445i	0.1723+0.0430i
52.5	0.4435-0.1022i	-0.8844+3.2508i	-0.9090+1.0102i	1.4959-1.4417i	-0.2028-0.2795i	0.1778-0.1126i	-0.6830-0.5623i	0.1944+0.0445i
52.6	0.5696-0.0168i	-0.7486+3.3067i	-1.1366+0.8736i	1.5807-1.4431i	-0.2463-0.2231i	0.1021-0.0898i	-0.8093-0.5321i	0.1889+0.0502i
52.7	0.6372-0.1253i	-0.7448+3.3672i	-1.3957+1.0429i	1.5932-1.7361i	-0.3187-0.2137i	0.0736-0.0704i	-1.0151-0.4146i	0.2645+0.0723i
52.8	0.6590-0.2082i	-0.6985+3.4476i	-1.6263+1.0844i	1.7167-1.9003i	-0.3713-0.1399i	0.0205-0.0644i	-1.1164-0.2384i	0.3204+0.0225i
52.9	0.6840-0.2574i	-0.6319+3.3960i	-1.7322+1.2819i	1.9327-1.8421i	-0.3245-0.0521i	0.0293-0.0622i	-1.0774-0.0900i	0.2926-0.0216i
53.0	0.6723-0.2381i	-0.4990+3.4511i	-1.7085+1.5465i	1.9278-2.0129i	-0.2244-0.0385i	0.0786-0.0947i	-0.9632+0.0367i	0.2479-0.0354i
53.1	0.7642-0.2097i	-0.3199+3.5670i	-1.8696+1.6764i	1.7584-2.2214i	-0.2418-0.0861i	0.0292-0.0962i	-0.9105+0.0050i	0.2218-0.0179i
53.2	0.8281-0.3897i	-0.1870+3.5884i	-1.8171+1.7967i	1.6844-2.4748i	-0.2379-0.0359i	0.0101-0.0392i	-0.9419+0.0884i	0.2609+0.0143i
53.3	0.8553-0.5080i	-0.0656+3.5489i	-1.7780+2.0215i	1.6276-2.5158i	-0.2100-0.0149i	-0.0273-0.0868i	-0.9111+0.1144i	0.2493+0.0205i
53.4	0.7509-0.6375i	0.0995+3.6006i	-1.5024+2.2880i	1.3018-2.6704i	-0.2044+0.0229i	-0.1128-0.1705i	-0.8475+0.2247i	0.2203+0.0331i
53.5	0.6081-0.5876i	0.1666+3.5990i	-1.3431+2.1476i	1.1805-2.6560i	-0.1538+0.0266i	-0.2163-0.1753i	-0.8004+0.2319i	0.2740+0.0535i
53.6	0.6898-0.4287i	0.2830+3.6020i	-1.4766+1.9333i	1.1320-2.5668i	-0.1042-0.0268i	-0.3479-0.1473i	-0.8071+0.1669i	0.3718+0.0807i
53.7	0.8119-0.4803i	0.4042+3.5658i	-1.5611+2.1776i	1.0942-2.7049i	-0.1136-0.0121i	-0.3759-0.0263i	-0.9051+0.2395i	0.4716+0.0002i
53.8	0.6929-0.5947i	0.5539+3.5129i	-1.3745+2.2567i	0.8657-2.6482i	-0.0891+0.0127i	-0.3593+0.0776i	-0.8578+0.3768i	0.4589-0.0779i
53.9	0.7824-0.5612i	0.6573+3.3839i	-1.6423+2.1308i	0.7168-2.4198i	-0.0742+0.0243i	-0.3318+0.2218i	-0.7961+0.4378i	0.4575-0.1100i
54.0	0.8878-0.6413i	0.7189+3.3225i	-1.7336+2.4983i	0.7307-2.4567i	-0.0542-0.0167i	-0.2964+0.2966i	-0.7075+0.5361i	0.4178-0.1613i
54.1	0.8074-0.6975i	0.7470+3.3093i	-1.6195+2.5834i	0.7065-2.3879i	-0.0253-0.0676i	-0.2885+0.2837i	-0.6500+0.5139i	0.4126-0.1429i
54.2	0.9764-0.6681i	0.7809+3.2978i	-1.8773+2.5404i	0.7484-2.2979i	-0.1107-0.1189i	-0.3796+0.3622i	-0.6246+0.4686i	0.4817-0.1388i
54.3	1.0651-0.7989i	0.8737+3.2860i	-1.9532+2.9307i	0.7364-2.4574i	-0.1511-0.1364i	-0.3276+0.4990i	-0.5975+0.5214i	0.5050-0.2725i
54.4	1.0874-0.9991i	0.9184+3.2703i	-1.9383+3.4733i	0.7969-2.5578i	-0.1888-0.1189i	-0.2099+0.5371i	-0.5803+0.5972i	0.4627-0.3732i
54.5	1.0640-1.2397i	1.0169+3.2901i	-1.7499+3.9345i	0.5835-2.5627i	-0.2286-0.1035i	-0.1205+0.5528i	-0.5536+0.6377i	0.4423-0.4294i
54.6	0.9394-1.4639i	1.1364+3.3692i	-1.2846+4.2595i	0.3491-2.6863i	-0.2744-0.0900i	-0.0566+0.5979i	-0.4921+0.6326i	0.3570-0.4231i
54.7	0.6061-1.5671i	1.2164+3.4287i	-0.5946+4.2170i	0.2689-2.6681i	-0.2941-0.0409i	-0.0343+0.5442i	-0.4406+0.6424i	0.3327-0.4012i
54.8	0.4709-1.3611i	1.3242+3.3561i	-0.4733+3.6630i	0.1496-2.5729i	-0.3034+0.0238i	-0.0836+0.5648i	-0.3996+0.6083i	0.4245-0.4803i
54.9	0.6326-1.3019i	1.3103+3.2571i	-0.9017+3.7926i	0.3503-2.5814i	-0.2883+0.0399i	0.0262+0.7223i	-0.4146+0.6706i	0.3623-0.6330i
55.0	0.5904-1.5567i	1.3866+3.2564i	-0.6781+4.3847i	0.4433-2.5877i	-0.2831+0.0480i	0.2367+0.6952i	-0.3882+0.6865i	0.2141-0.6244i
55.1	0.3682-1.6567i	1.5328+3.2975i	-0.1081+4.4812i	0.2844-2.7651i	-0.3018+0.0958i	0.2991+0.5500i	-0.3323+0.7126i	0.1180-0.6134i
55.2	0.1793-1.6214i	1.6948+3.2598i	0.1895+4.3096i	0.2335-2.7026i	-0.2846+0.1292i	0.3165+0.4754i	-0.2841+0.6934i	0.0955-0.5556i
55.3	-0.0090-1.5567i	1.8921+3.1699i	0.4682+4.0819i	0.0587-2.6007i	-0.2629+0.2018i	0.3507+0.4184i	-0.2232+0.6948i	0.0657-0.5011i
55.4	-0.1745-1.4268i	2.0529+3.0507i	0.7762+3.7202i	-0.1668-2.6176i	-0.2480+0.1922i	0.2824+0.3542i	-0.1335+0.6779i	0.0136-0.4463i
55.5	-0.1540-1.2446i	2.1175+2.9090i	0.5470+3.3748i	-0.1846-2.4942i	-0.2173+0.1782i	0.2600+0.3793i	-0.1549+0.6891i	0.0761-0.5039i
55.6	-0.0324-1.2584i	2.1836+2.8012i	0.2078+3.7080i	-0.0094-2.4850i	-0.1924+0.1811i	0.3513+0.4473i	-0.0872+0.7437i	-0.0242-0.5701i
55.7	-0.1278-1.3257i	2.2225+2.7501i	0.5885+3.9480i	-0.1228-2.6156i	-0.1781+0.1722i	0.4299+0.3411i	-0.0062+0.6923i	-0.1073-0.4823i
55.8	-0.2607-1.3499i	2.2914+2.6914i	0.8833+3.9252i	-0.2792-2.6482i	-0.1363+0.1946i	0.4203+0.2396i	0.0447+0.6641i	-0.1120-0.4120i
55.9	-0.3664-1.3134i	2.3601+2.5875i	1.0731+3.7828i	-0.3440-2.5446i	-0.1316+0.2177i	0.3584+0.2219i	0.0906+0.5914i	-0.0860-0.3179i
56.0	-0.4099-1.1605i	2.3953+2.4254i	1.1170+3.4718i	-0.4202-2.4013i	-0.1631+0.2395i	0.2615+0.2431i	0.1011+0.5218i	-0.0513-0.2961i

56.1	−0.4234−1.0158i	2.4186+2.2740i	0.8908+3.3583i	−0.3011−2.1902i	−0.1211+0.2623i	0.3037+0.3348i	0.1200+0.5434i	−0.1021−0.3897i
56.2	−0.3647−1.0120i	2.4502+2.2189i	0.9651+3.5552i	−0.3542−2.3227i	−0.0994+0.2379i	0.4252+0.2501i	0.1847+0.5411i	−0.1460−0.3818i
56.3	−0.3812−0.9617i	2.4064+2.1361i	1.1407+3.5629i	−0.3055−2.5267i	−0.1115+0.2161i	0.3798+0.1327i	0.1967+0.5090i	−0.1228−0.3454i
56.4	−0.4328−0.9480i	2.4588+2.0713i	1.2638+3.5410i	−0.3208−2.3936i	−0.0849+0.2538i	0.3300+0.1240i	0.2175+0.4945i	−0.0798−0.3214i
56.5	−0.4965−0.9239i	2.4798+2.0262i	1.3741+3.4563i	−0.1902−2.3776i	−0.0712+0.2350i	0.3017+0.1303i	0.2273+0.4774i	−0.0510−0.2937i
56.6	−0.4798−0.8599i	2.4890+1.9463i	1.4771+3.2964i	−0.3294−2.2983i	−0.0852+0.2169i	0.2712+0.1052i	0.2272+0.4339i	−0.0748−0.2769i
56.7	−0.4224−0.8010i	2.4395+1.8285i	1.4727+3.2253i	−0.3211−2.2333i	−0.0658+0.2494i	0.2739+0.1553i	0.2331+0.3777i	−0.0721−0.2670i
56.8	−0.4711−0.7622i	2.4661+1.7686i	1.5462+3.2412i	−0.1524−2.2833i	−0.0392+0.2263i	0.2452+0.1108i	0.2536+0.3945i	−0.0244−0.2964i
56.9	−0.4848−0.7077i	2.4580+1.7031i	1.6404+3.1600i	−0.1195−2.4512i	−0.0216+0.2410i	0.2527+0.0812i	0.2518+0.3845i	−0.0374−0.3538i
57.0	−0.4593−0.6964i	2.4243+1.6344i	1.6504+2.9999i	−0.1758−2.4638i	−0.0257+0.2536i	0.1884+0.1041i	0.2680+0.3177i	−0.0693−0.3420i
57.1	−0.4574−0.6536i	2.4033+1.5333i	1.6443+2.7998i	−0.2306−2.2157i	−0.0125+0.3083i	0.1208+0.2132i	0.2533+0.2973i	−0.0321−0.3613i
57.2	−0.4278−0.4877i	2.3838+1.4820i	1.3869+2.6930i	−0.3058−2.1624i	0.0580+0.3021i	0.1924+0.2915i	0.2258+0.3346i	−0.1410−0.4505i
57.3	−0.2903−0.4652i	2.3686+1.4967i	1.2068+2.9140i	−0.3216−2.3089i	0.1184+0.2645i	0.3691+0.2202i	0.2661+0.3307i	−0.2353−0.4122i
57.4	−0.2591−0.5127i	2.3701+1.4670i	1.3591+3.0420i	−0.3155−2.4192i	0.1166+0.2811i	0.3621+0.2046i	0.2743+0.2942i	−0.1968−0.3095i
57.5	−0.2285−0.5826i	2.3879+1.3915i	1.4898+3.0984i	−0.3611−2.2407i	0.1118+0.2557i	0.2817+0.1302i	0.2293+0.2453i	−0.1681−0.2429i
57.6	−0.1983−0.5983i	2.3503+1.3950i	1.4930+3.1160i	−0.4486−2.2952i	0.1228+0.2506i	0.2604+0.1146i	0.2517+0.2533i	−0.1648−0.2244i
57.7	−0.2237−0.5962i	2.3277+1.3502i	1.5745+3.0843i	−0.4184−2.4297i	0.1564+0.2375i	0.2937+0.1408i	0.2573+0.2398i	−0.1439−0.2263i
57.8	−0.1998−0.6134i	2.3141+1.3229i	1.6383+3.0322i	−0.5114−2.4252i	0.1382+0.2131i	0.2841+0.1155i	0.2685+0.2241i	−0.1519−0.2451i
57.9	−0.1685−0.6373i	2.2624+1.3918i	1.6224+3.0791i	−0.4172−2.3195i	0.1141+0.1908i	0.2409+0.0754i	0.2460+0.2307i	−0.1128−0.2542i
58.0	−0.2078−0.6742i	2.3096+1.4042i	1.7572+3.0933i	−0.4720−2.3363i	0.1328+0.1941i	0.2643+0.0976i	0.2231+0.2463i	−0.0828−0.3045i
58.1	−0.2552−0.6854i	2.3378+1.3775i	1.8468+3.0658i	−0.3287−2.3494i	0.1643+0.1905i	0.2558+0.1063i	0.2242+0.2109i	−0.0496−0.2803i
58.2	−0.2435−0.7183i	2.4297+1.4044i	1.8374+3.0056i	−0.3047−2.1498i	0.1828+0.2157i	0.2949+0.1457i	0.2467+0.1801i	−0.0927−0.2980i
58.3	−0.2044−0.7139i	2.4655+1.3783i	1.8620+3.1599i	−0.5314−2.2966i	0.1824+0.2073i	0.3225+0.1523i	0.2510+0.2131i	−0.1156−0.3261i
58.4	−0.2584−0.6975i	2.4609+1.2903i	2.0697+3.1801i	−0.5428−2.3778i	0.1752+0.2077i	0.2710+0.1012i	0.2949+0.1908i	−0.1456−0.3369i
58.5	−0.3286−0.6873i	2.5148+1.2742i	2.1483+3.0345i	−0.4846−2.3561i	0.2095+0.2045i	0.2446+0.0941i	0.3119+0.1706i	−0.1494−0.3690i
58.6	−0.3085−0.6010i	2.5181+1.1977i	2.0951+3.0042i	−0.5316−2.4439i	0.2362+0.1850i	0.2775+0.1133i	0.3072+0.1571i	−0.1732−0.3511i
58.7	−0.2782−0.6423i	2.5630+1.1714i	2.1836+3.0820i	−0.5532−2.4573i	0.2409+0.1766i	0.3058+0.0644i	0.2744+0.1476i	−0.2124−0.3375i
58.8	−0.3300−0.6539i	2.6242+1.0813i	2.3197+3.0131i	−0.5481−2.5374i	0.2415+0.1615i	0.2706+0.0682i	0.2735+0.1248i	−0.2535−0.3232i
58.9	−0.3901−0.6282i	2.6608+1.0063i	2.4089+2.9386i	−0.4322−2.5769i	0.2501+0.1603i	0.2282+0.0358i	0.2551+0.1193i	−0.3063−0.2870i
59.0	−0.3539−0.6282i	2.6990+0.9886i	2.4471+2.9142i	−0.5903−2.5145i	0.2083+0.1759i	0.1534−0.0111i	0.2648+0.1059i	−0.3584−0.2766i
59.1	−0.3573−0.6248i	2.7364+0.9251i	2.5174+2.8154i	−0.5610−2.5455i	0.2244+0.1645i	0.1707+0.0092i	0.3038+0.1011i	−0.3575−0.2583i
59.2	−0.3261−0.6317i	2.7364+0.8697i	2.5438+2.7799i	−0.6599−2.5842i	0.2432+0.2078i	0.1851+0.0191i	0.3037+0.0980i	−0.3502−0.1986i
59.3	−0.2658−0.6529i	2.7138+0.8312i	2.5754+2.7575i	−0.8038−2.4367i	0.2733+0.2305i	0.1358−0.0238i	0.3146+0.0998i	−0.3748−0.1687i
59.4	−0.2899−0.6486i	2.7437+0.7522i	2.6005+2.7156i	−0.8570−2.5288i	0.3210+0.2172i	0.0991−0.0484i	0.3411+0.1424i	−0.4037−0.1532i
59.5	−0.2772−0.6358i	2.7125+0.6983i	2.6226+2.7114i	−0.9103−2.5978i	0.3373+0.2127i	0.1244−0.0141i	0.3616+0.1632i	−0.3894−0.2007i
59.6	−0.3260−0.6071i	2.7436+0.5751i	2.6564+2.5887i	−0.7824−2.6512i	0.3511+0.2242i	0.0764+0.0199i	0.3942+0.1570i	−0.3608−0.1807i
59.7	−0.3359−0.6068i	2.7406+0.5443i	2.6604+2.5860i	−0.8269−2.7044i	0.4105+0.2554i	0.0599+0.1021i	0.4004+0.1151i	−0.3155−0.1119i
59.8	−0.3285−0.6402i	2.6530+0.5087i	2.6710+2.5819i	−0.9179−2.7672i	0.4973+0.2265i	0.0792+0.0952i	0.4778+0.0938i	−0.3352−0.0967i
59.9	−0.3045−0.6907i	1.9729+4.7037i	2.0523+6.5976i	−1.2260−1.8227i	0.5168+0.2189i	0.0655+0.1086i	0.5238+0.0821i	−0.3988−0.1041i
60.0	−0.3142−0.7476i	0.3014+9.8869i	0.4567+11.5614i	−1.7959−0.5601i	0.5443+0.2107i	0.0423+0.1869i	0.5826+0.0501i	−0.4231−0.0937i
60.1	−0.3301−0.6607i	1.5734+1.4637i	1.6643+3.5511i	−1.4069−2.5866i	0.5840+0.1664i	0.0376+0.1706i	0.6341+0.0098i	−0.4590−0.1345i
60.2	−0.3517−0.6788i	2.6732+0.1954i	2.7850+2.3796i	−1.1040−2.8837i	0.6319+0.1518i	0.0320+0.2234i	0.6308−0.0550i	−0.4694−0.0539i
60.3	−0.3644−0.6563i	2.6740+0.3489i	2.8362+2.5779i	−1.1675−2.7074i	0.6762+0.1015i	0.0548+0.2372i	0.6405−0.1395i	−0.4864+0.0207i
60.4	−0.3793−0.6587i	2.6977+0.3015i	2.8867+2.5794i	−1.2395−2.7240i	0.7032+0.0619i	0.0136+0.2512i	0.6530−0.1902i	−0.5136+0.0532i
60.5	−0.3734−0.6789i	2.6637+0.3041i	2.8873+2.6585i	−1.3650−2.8083i	0.7482+0.0031i	0.0719+0.2005i	0.6887−0.2885i	−0.5683+0.1264i
60.6	−0.3991−0.7192i	2.6450+0.2608i	2.9413+2.6114i	−1.3198−2.7464i	0.7853−0.0896i	0.1099+0.1453i	0.6510−0.3724i	−0.5614+0.2104i
60.7	−0.3537−0.7039i	2.6101+0.1767i	3.1106+2.5800i	−1.4720−2.7963i	0.7580−0.1795i	0.0609+0.1572i	0.6058−0.5321i	−0.5168+0.3487i
60.8	−0.4136−0.7406i	2.6548+0.1403i	3.1775+2.5540i	−1.4437−2.8421i	0.7228−0.2510i	−0.0215+0.1358i	0.5877−0.5688i	−0.4813+0.4235i
60.9	−0.5072−0.7201i	2.6687+0.0874i	3.2680+2.5416i	−1.4793−2.7561i	0.6956−0.2561i	−0.1370+0.1869i	0.4860−0.6057i	−0.3395+0.4731i
61.0	−0.5274−0.7020i	2.6762+0.0689i	3.3620+2.4780i	−1.6108−2.8001i	0.6756−0.2455i	−0.1879+0.3256i	0.4082−0.6272i	−0.2259+0.5050i
61.1	−0.5407−0.6364i	2.6047+0.0458i	3.3371+2.4437i	−1.6870−2.9856i	0.6591−0.2613i	−0.2060+0.3644i	0.3394−0.6163i	−0.1588+0.5142i
61.2	−0.5534−0.6097i	2.5857+0.0100i	3.3280+2.4463i	−1.8829−2.9912i	0.7174−0.2959i	−0.2348+0.3797i	0.3160−0.5882i	−0.0784+0.4499i
61.3	−0.5798−0.6334i	2.5877+0.0136i	3.2926+2.4463i	−1.9986−2.9061i	0.7471−0.3014i	−0.1979+0.4834i	0.2508−0.5809i	0.0164+0.4218i
61.4	−0.6117−0.5094i	2.5901−0.0726i	3.4245+2.5291i	−1.9920−2.9923i	0.7638−0.3441i	−0.1805+0.5739i	0.2597−0.5508i	0.0879+0.3501i
61.5	−0.5405−0.5283i	2.5637−0.1085i	3.5822+2.4452i	−2.1252−2.8189i	0.8156−0.3958i	−0.0696+0.6670i	0.2493−0.5324i	0.1242+0.2272i
61.6	−0.5457−0.5317i	2.5344−0.1296i	3.6361+2.4493i	−2.0965−2.7680i	0.8166−0.4585i	−0.0490+0.6850i	0.2535−0.5426i	0.1130+0.1812i
61.7	−0.5738−0.5321i	2.5014−0.1743i	3.6280+2.4324i	−1.9528−2.5786i	0.8219−0.4871i	−0.0249+0.7774i	0.2900−0.5619i	0.0888+0.1398i
61.8	−0.5976−0.5270i	2.5256−0.1981i	3.6546+2.4444i	−2.1999−2.4031i	0.7877−0.6239i	0.0561+0.9450i	0.2215−0.5895i	0.1061+0.1046i
61.9	−0.6233−0.5346i	2.5450−0.1811i	3.7268+2.4523i	−2.4240−2.4571i	0.7845−0.6890i	0.1029+0.9577i	0.2250−0.6369i	0.1027+0.0953i
62.0	−0.6175−0.5571i	2.5526−0.1666i	3.8144+2.4939i	−2.5457−2.5810i	0.7949−0.7487i	0.2048+1.0305i	0.2501−0.7469i	0.0614+0.0962i
62.1	−0.7230−0.4918i	2.5700−0.2044i	3.9001+2.5434i	−2.3985−2.8908i	0.7763−0.8278i	0.2551+1.0902i	0.2079−0.7991i	0.0608+0.1269i
62.2	−0.7029−0.4883i	2.5491−0.2209i	4.0170+2.5018i	−2.2999−2.8246i	0.6791−0.9066i	0.3157+1.1149i	0.1200−0.8028i	0.0553+0.1186i
62.3	−0.7237−0.4532i	2.5422−0.3109i	4.1203+2.4214i	−2.2777−2.7291i	0.6405−0.9558i	0.4831+1.1806i	0.0933−0.8472i	0.0510+0.1229i

62.4	-0.7185-0.3895i	2.5184-0.3409i	4.2094+2.4176i	-2.3430-2.9242i	0.6418-0.9940i	0.6609+1.1667i	0.0500-0.8624i	0.0326+0.1096i
62.5	-0.7199-0.3710i	2.5189-0.3602i	4.2858+2.4305i	-2.5014-2.6751i	0.6202-1.0404i	0.7394+1.0708i	-0.0325-0.8444i	0.0232+0.1269i
62.6	-0.6916-0.4261i	2.5600-0.3362i	4.4494+2.4563i	-2.7394-2.4041i	0.5511-1.1095i	0.7654+1.0240i	-0.1292-0.8682i	0.0796+0.1548i
62.7	-0.6595-0.3733i	2.5022-0.3716i	4.5579+2.3645i	-2.8810-2.3852i	0.4770-1.1624i	0.9195+1.0278i	-0.2024-0.8468i	0.0882+0.1421i
62.8	-0.7243-0.3838i	2.5544-0.3813i	4.6684+2.3130i	-2.8771-2.4896i	0.4177-1.1936i	1.0676+0.9842i	-0.2628-0.8189i	0.1144+0.1330i
62.9	-0.6822-0.4414i	2.5377-0.3716i	4.7496+2.2466i	-2.9172-2.3467i	0.3850-1.2184i	1.1542+0.8838i	-0.3179-0.7750i	0.1443+0.1352i
63.0	-0.6694-0.2968i	2.5074-0.5087i	4.9207+2.1942i	-2.8683-2.3317i	0.3208-1.2821i	1.2428+0.7935i	-0.4225-0.7586i	0.1971+0.1130i
63.1	-0.6894-0.2237i	2.5172-0.5430i	5.1036+2.2322i	-2.9786-2.6148i	0.2635-1.3589i	1.3347+0.7492i	-0.5015-0.7520i	0.2603+0.0919i
63.2	-0.7515-0.2064i	2.5900-0.5734i	5.2433+2.1609i	-3.0531-2.5764i	0.2017-1.4024i	1.4582+0.7106i	-0.5169-0.6832i	0.2925+0.0226i
63.3	-0.7565-0.1650i	2.5899-0.6614i	5.3889+2.0149i	-3.2160-2.4388i	0.0772-1.4253i	1.5352+0.5712i	-0.5290-0.5941i	0.2603-0.0355i
63.4	-0.7333-0.1976i	2.5927-0.6637i	5.5673+1.9264i	-3.2797-2.4372i	-0.0360-1.4465i	1.5840+0.5184i	-0.5362-0.5548i	0.2377-0.0910i
63.5	-0.7103-0.1678i	2.6131-0.7073i	5.7115+1.8610i	-3.3584-2.4657i	-0.1291-1.4417i	1.6761+0.4963i	-0.5471-0.4968i	0.2317-0.1400i
63.6	-0.6705-0.0707i	2.5943-0.7805i	5.8919+1.7796i	-3.6982-2.4754i	-0.2344-1.4085i	1.7176+0.3829i	-0.5271-0.4298i	0.2192-0.1770i
63.7	-0.6413-0.0764i	2.5447-0.7326i	5.9706+1.7369i	-3.9374-2.4593i	-0.2756-1.4136i	1.7494+0.1651i	-0.4833-0.3721i	0.1493-0.2067i
63.8	-0.5641-0.0514i	2.4616-0.7301i	6.0777+1.6880i	-3.9908-2.4516i	-0.3187-1.4448i	1.7764+0.0310i	-0.4683-0.2819i	0.1295-0.2644i
63.9	-0.5425-0.0787i	2.4268-0.8170i	6.1823+1.3987i	-4.2050-2.2630i	-0.4263-1.4061i	1.8135-0.0848i	-0.4675-0.2843i	0.1327-0.2403i
64.0	-0.5316-0.0954i	2.4297-0.8572i	6.2965+1.2782i	-4.4115-2.2347i	-0.4974-1.3890i	1.8229-0.1827i	-0.4154-0.3232i	0.1335-0.2065i
64.1	-0.5496-0.0451i	2.5003-0.9274i	6.5156+1.1537i	-4.6377-2.0131i	-0.6368-1.3748i	1.6992-0.3769i	-0.3427-0.2976i	0.0688-0.2336i
64.2	-0.5580-0.0438i	2.5404-0.9178i	6.7356+0.9439i	-4.8722-1.8026i	-0.7637-1.2858i	1.5500-0.5577i	-0.2898-0.3171i	0.0210-0.2521i
64.3	-0.4459-0.0123i	2.4775-0.9512i	6.8685+0.8010i	-4.9992-1.5300i	-0.8185-1.2219i	1.4627-0.6451i	-0.2375-0.3138i	-0.0124-0.2555i
64.4	-0.3598-0.0493i	2.4327-0.9426i	6.9471+0.7075i	-5.0905-1.3044i	-0.8233-1.1544i	1.3924-0.6811i	-0.1855-0.3188i	-0.0720-0.2707i
64.5	-0.4036-0.2236i	2.4820-0.8784i	7.0598+0.4447i	-4.9863-0.9819i	-0.8021-1.0174i	1.3125-0.7535i	-0.1654-0.3922i	-0.1156-0.2117i
64.6	-0.3953-0.2197i	2.5297-0.9275i	7.1471+0.1807i	-4.8650-0.7784i	-0.7856-0.9105i	1.2796-0.6835i	-0.1288-0.5488i	-0.0911-0.0960i
64.7	-0.3090-0.2408i	2.4246-0.9515i	7.1288-0.0540i	-4.8294-0.3518i	-0.7375-0.8499i	1.2811-0.7507i	-0.1251-0.6351i	-0.0986-0.0315i
64.8	-0.3901-0.3232i	2.5320-0.9458i	7.3338-0.3586i	-5.0010-0.2178i	-0.7041-0.8537i	1.2935-0.8500i	-0.1239-0.7138i	-0.1222-0.0019i
64.9	-0.3563-0.3348i	2.5222-1.0171i	7.3935-0.6652i	-4.9026-0.0056i	-0.7149-0.8568i	1.1891-0.9207i	-0.1670-0.8246i	-0.0581+0.0476i
65.0	-0.3866-0.3563i	2.5561-1.0828i	7.3377-0.9685i	-4.7546+0.3061i	-0.7054-0.8700i	1.0707-0.9728i	-0.2343-0.8950i	0.0004+0.0619i
65.1	-0.4793-0.3723i	2.6339-1.1051i	7.2744-1.0938i	-4.6301+0.3899i	-0.6593-0.8932i	1.0131-1.0065i	-0.3824-0.9592i	0.0992+0.0725i
65.2	-0.4899-0.4360i	2.6314-1.1081i	7.3509-1.2563i	-4.6664+0.4243i	-0.6729-0.9726i	0.9725-1.0456i	-0.5261-0.9967i	0.2012+0.0656i
65.3	-0.5184-0.4868i	2.6287-1.1461i	7.2547-1.6364i	-4.6419+0.7415i	-0.7386-1.0279i	0.7363-1.1010i	-0.6471-0.9692i	0.2495+0.0225i
65.4	-0.6764-0.4315i	2.7303-1.2853i	7.1773-1.9326i	-4.3708+0.9352i	-0.7801-1.0252i	0.5798-1.0029i	-0.7375-0.9268i	0.2803-0.0220i
65.5	-0.7020-0.4485i	2.8016-1.3392i	7.2801-2.0190i	-4.1403+1.0713i	-0.8278-1.0339i	0.4677-0.8854i	-0.7052-1.0239i	0.2678-0.1103i
65.6	-0.7180-0.4680i	2.8395-1.4365i	7.2985-2.1860i	-3.9543+1.2263i	-0.8322-1.0758i	0.3746-0.8007i	-0.7654-1.0992i	0.2639-0.1233i
65.7	-0.7939-0.4544i	2.8565-1.4919i	7.3092-2.3400i	-3.8848+1.1712i	-0.8323-1.1634i	0.4360-0.7148i	-0.9550-1.1269i	0.3050-0.1765i
65.8	-0.8322-0.4470i	2.8494-1.5899i	7.3468-2.5899i	-3.6380+1.1562i	-0.9656-1.2197i	0.4659-0.6044i	-1.1653-1.1658i	0.3241-0.2400i
65.9	-0.9094-0.4332i	2.8479-1.6765i	7.3096-2.8539i	-3.5426+1.0564i	-1.1091-1.2015i	0.5348-0.5044i	-1.4068-1.0823i	0.3210-0.3326i
66.0	-0.9281-0.3433i	2.8133-1.7716i	7.2446-2.9513i	-3.3076+0.7931i	-1.2170-1.2708i	0.6180-0.4061i	-1.5600-0.9383i	0.2870-0.4160i
66.1	-0.9688-0.2845i	2.8110-1.8455i	7.1917-3.0704i	-3.1352+0.6206i	-1.2967-1.3242i	0.7299-0.4581i	-1.6804-0.8410i	0.2390-0.4359i
66.2	-0.9585-0.1673i	2.7567-2.0259i	6.9802-3.4465i	-3.3887+0.5416i	-1.4313-1.2784i	0.8180-0.5556i	-1.8252-0.5964i	0.1882-0.5081i
66.3	-0.9451-0.1050i	2.6697-2.1853i	6.9118-3.8404i	-3.5943+0.6036i	-1.6578-1.2690i	0.9577-0.6771i	-1.9655-0.3245i	0.1697-0.6395i
66.4	-0.9498-0.0874i	2.5983-2.2851i	6.8058-4.0611i	-3.6759+0.8692i	-1.8011-1.1993i	1.0164-0.7563i	-2.0146-0.1196i	0.1339-0.6782i
66.5	-0.9435-0.1100i	2.5689-2.3880i	6.9238-4.3321i	-3.7261+0.9767i	-1.9551-1.1106i	1.0297-0.8538i	-1.9829+0.0908i	0.0246-0.7156i
66.6	-1.0557-0.0443i	2.5556-2.5397i	6.7524-4.6061i	-3.6496+1.2742i	-2.1587-0.9635i	0.9259-1.0105i	-1.9040+0.3864i	-0.0628-0.8223i
66.7	-1.1124+0.0343i	2.5012-2.6303i	6.5865-4.7680i	-3.6914+1.3857i	-2.2791-0.7819i	0.9222-1.1422i	-1.8664+0.5667i	-0.0988-0.8339i
66.8	-1.1188+0.1011i	2.4145-2.6997i	6.4432-5.0163i	-3.7166+1.4338i	-2.4099-0.5542i	0.9432-1.2283i	-1.8001+0.7568i	-0.1835-0.8841i
66.9	-1.1423+0.1981i	2.3306-2.7966i	6.2789-5.2115i	-3.5945+1.4633i	-2.4354-0.3866i	0.8457-1.2901i	-1.6807+0.8855i	-0.2938-0.9126i
67.0	-1.2047+0.2839i	2.2977-2.8768i	6.1211-5.3800i	-3.5837+1.4360i	-2.4281-0.1914i	0.6579-1.2918i	-1.5014+0.9419i	-0.3957-0.8748i
67.1	-1.1750+0.4725i	2.1448-3.0812i	5.7913-5.7242i	-3.6067+1.6230i	-2.4844+0.0490i	0.5498-1.3502i	-1.3482+1.1301i	-0.4926-0.8957i
67.2	-1.1086+0.5732i	1.9881-3.1645i	5.5550-5.9896i	-3.4804+1.8005i	-2.5178+0.2746i	0.3950-1.4060i	-1.1928+1.1796i	-0.6960-0.7873i
67.3	-1.0573+0.5558i	1.9199-3.1379i	5.4932-6.0987i	-3.4496+1.7844i	-2.4602+0.4162i	0.2653-1.4861i	-1.0105+1.1789i	-0.8214-0.7445i
67.4	-1.0116+0.6145i	1.7941-3.1848i	5.2856-6.3041i	-3.4649+1.8680i	-2.4589+0.6922i	0.1433-1.4118i	-0.8644+1.2552i	-0.9067-0.7200i
67.5	-0.8982+0.7347i	1.6215-3.2436i	5.0374-6.3687i	-3.4342+2.0937i	-2.3869+0.8965i	0.0553-1.3303i	-0.6901+1.2732i	-1.0116-0.6758i
67.6	-0.8358+0.8124i	1.5451-3.2771i	4.8632-6.5429i	-3.4011+2.2715i	-2.2941+1.0597i	-0.0756-1.2834i	-0.5143+1.2647i	-1.1463-0.5882i
67.7	-0.7303+0.8311i	1.4056-3.2633i	4.6153-6.5872i	-3.2219+2.3533i	-2.1625+1.2829i	-0.2162-1.2264i	-0.3425+1.1178i	-1.2638-0.3239i
67.8	-0.6392+0.8598i	1.3098-3.2444i	4.3544-6.5713i	-3.1569+2.3484i	-1.9403+1.4529i	-0.1808-1.1078i	-0.2378+1.0027i	-1.2698-0.1558i
67.9	-0.5613+0.9213i	1.1895-3.2642i	4.2273-6.6284i	-3.0254+2.4129i	-1.7800+1.5802i	-0.1335-0.9797i	-0.2145+0.9424i	-1.2134-0.0446i
68.0	-0.4290+0.9133i	1.0554-3.2322i	4.0283-6.6620i	-2.8515+2.4604i	-1.6222+1.6544i	-0.1711-0.9588i	-0.0967+0.8485i	-1.2689+0.1103i
68.1	-0.3464+0.9388i	0.9530-3.2747i	3.7957-6.8165i	-2.8237+2.5433i	-1.4031+1.6955i	-0.1826-0.9103i	-0.0816+0.7297i	-1.2140+0.3085i
68.2	-0.2989+0.9453i	0.8931-3.2964i	3.6130-7.0297i	-2.9571+2.6650i	-1.2777+1.7774i	-0.2429-0.8179i	-0.0870+0.6383i	-1.1279+0.4460i
68.3	-0.2222+0.9032i	0.8382-3.2606i	3.4885-7.0515i	-2.8843+2.7267i	-0.9797+1.8415i	-0.0800-0.7202i	-0.1073+0.5465i	-0.9902+0.5510i
68.4	-0.0826+0.9403i	0.6371-3.2914i	3.0885-7.1231i	-2.6450+2.8468i	-0.7338+1.7194i	-0.0991-0.7630i	-0.0826+0.4875i	-0.9094+0.6478i
68.5	-0.0001+0.9225i	0.5355-3.2591i	2.9149-7.0293i	-2.5654+2.8950i	-0.6321+1.5805i	-0.0528-0.7688i	-0.0487+0.5145i	-0.8515+0.5915i
68.6	0.0606+0.8792i	0.4302-3.2153i	2.6195-7.0635i	-2.4492+2.8833i	-0.4600+1.4801i	-0.0319-0.8425i	0.0134+0.4852i	-0.7935+0.6244i

68.7	0.1889+0.8755i	0.3072-3.2040i	2.4740-7.1429i	-2.4345+3.1014i	-0.2973+1.4250i	-0.0108-0.8237i	0.0416+0.3922i	-0.7430+0.6922i
68.8	0.2666+0.7908i	0.2107-3.1600i	2.2297-7.2313i	-2.2774+3.2870i	-0.1908+1.2381i	-0.0191-0.8426i	0.0110+0.3234i	-0.6366+0.6945i
68.9	0.3056+0.7789i	0.1504-3.1477i	1.9636-7.2795i	-2.0463+3.3484i	-0.1977+1.1368i	-0.0984-0.7248i	-0.0756+0.1961i	-0.4883+0.7451i
69.0	0.3624+0.6854i	0.0908-3.0979i	1.7658-7.3189i	-1.8396+3.3284i	-0.2188+1.0744i	-0.1289-0.7619i	-0.0696+0.1407i	-0.4911+0.7324i
69.1	0.4520+0.5765i	-0.0430-3.0377i	1.5765-7.3236i	-1.6185+3.4652i	-0.2754+0.9415i	-0.1658-0.7729i	-0.1002+0.1087i	-0.4621+0.7168i
69.2	0.4774+0.4954i	-0.0693-2.9940i	1.3691-7.2685i	-1.4346+3.5152i	-0.2765+0.7910i	-0.2300-0.7902i	-0.1745-0.0475i	-0.4122+0.7736i
69.3	0.5057+0.4193i	-0.1596-2.9454i	1.0129-7.1204i	-1.0583+3.4159i	-0.3434+0.6819i	-0.1844-0.7778i	-0.2855-0.0579i	-0.3597+0.7569i
69.4	0.4890+0.3177i	-0.2052-2.9043i	0.7511-7.1998i	-0.8532+3.3501i	-0.4071+0.6989i	-0.1991-0.7682i	-0.4407-0.0961i	-0.2551+0.7971i
69.5	0.5201+0.2573i	-0.2750-2.8148i	0.5597-7.0047i	-0.6818+3.1298i	-0.5236+0.7417i	-0.2399-0.7586i	-0.5555-0.0348i	-0.1698+0.7902i
69.6	0.5557+0.1711i	-0.3692-2.7221i	0.2905-6.9027i	-0.6867+2.9744i	-0.5227+0.7997i	-0.3128-0.7956i	-0.5232-0.0129i	-0.1532+0.8029i
69.7	0.5710+0.0963i	-0.4024-2.7034i	0.2462-6.8029i	-0.7203+2.9306i	-0.5134+0.8170i	-0.3835-0.7574i	-0.5548-0.0381i	-0.1516+0.7852i
69.8	0.5568+0.0669i	-0.4384-2.6616i	0.0171-6.5384i	-0.5524+2.8892i	-0.5062+0.8720i	-0.4335-0.6052i	-0.6264+0.0247i	-0.0831+0.7302i
69.9	0.5089-0.0169i	-0.4953-2.6198i	-0.2285-6.5078i	-0.5033+2.8986i	-0.4021+0.9448i	-0.3793-0.4635i	-0.6991+0.1206i	0.0188+0.6978i
70.0	0.4877-0.0563i	-0.5306-2.6230i	-0.3765-6.5468i	-0.4191+2.8182i	-0.3638+0.9600i	-0.3725-0.4332i	-0.7274+0.1319i	0.0185+0.7065i
70.1	0.4573-0.1703i	-0.5928-2.5394i	-0.5205-6.5296i	-0.2682+2.6482i	-0.3633+0.9393i	-0.3186-0.4345i	-0.7935+0.1607i	0.0678+0.7022i
70.2	0.4361-0.2039i	-0.6551-2.5034i	-0.7035-6.4248i	-0.2156+2.6459i	-0.2974+0.9196i	-0.2844-0.3597i	-0.8362+0.2563i	0.1433+0.6655i
70.3	0.4308-0.2259i	-0.6925-2.4464i	-0.7935-6.3102i	-0.1614+2.7072i	-0.2861+0.8924i	-0.2991-0.3707i	-0.8358+0.2315i	0.1216+0.6998i
70.4	0.3700-0.2572i	-0.7018-2.3882i	-0.9535-6.0910i	-0.1153+2.6148i	-0.2635+0.8658i	-0.1917-0.3806i	-0.8889+0.2782i	0.1874+0.6661i
70.5	0.3228-0.2906i	-0.7518-2.3224i	-1.1390-5.9707i	-0.0449+2.4068i	-0.2330+0.8266i	-0.1343-0.4217i	-0.8549+0.3513i	0.2029+0.6132i
70.6	0.3175-0.3028i	-0.7774-2.2705i	-1.1657-5.8583i	-0.0382+2.3590i	-0.2337+0.8284i	-0.1419-0.4525i	-0.8799+0.4273i	0.2226+0.5793i
70.7	0.3398-0.3152i	-0.8212-2.1809i	-1.2512-5.6690i	-0.0389+2.3032i	-0.2097+0.8057i	-0.0710-0.4911i	-0.9345+0.4277i	0.3046+0.5946i
70.8	0.3302-0.3075i	-0.8846-2.0623i	-1.3225-5.4304i	0.1174+2.3059i	-0.1946+0.7720i	-0.0695-0.4853i	-0.8613+0.4458i	0.3273+0.5755i
70.9	0.2936-0.3144i	-0.9240-2.0479i	-1.4324-5.3506i	0.2458+2.3311i	-0.1803+0.7838i	-0.1650-0.5143i	-0.8676+0.5491i	0.3477+0.5324i
71.0	0.2622-0.3262i	-0.9615-2.0246i	-1.5516-5.2526i	0.2736+2.3154i	-0.2093+0.7135i	-0.2801-0.5810i	-0.8958+0.6193i	0.3710+0.4760i
71.1	0.2396-0.3969i	-0.9593-1.9511i	-1.5822-5.1660i	0.3332+2.1976i	-0.1974+0.7397i	-0.2722-0.5338i	-0.8823+0.7274i	0.4048+0.4154i
71.2	0.2285-0.4420i	-0.9379-1.8727i	-1.5093-5.0691i	0.3910+2.1484i	-0.2032+0.7956i	-0.2115-0.4871i	-0.9218+0.7810i	0.4384+0.3892i
71.3	0.1652-0.4575i	-0.9591-1.8231i	-1.5815-4.9802i	0.4423+2.0809i	-0.1899+0.8055i	-0.2033-0.4454i	-0.9207+0.8003i	0.4575+0.3515i
71.4	0.1934-0.4759i	-0.9461-1.7675i	-1.4401-4.7912i	0.5315+2.0196i	-0.2156+0.7922i	-0.1920-0.4195i	-0.9110+0.7739i	0.4359+0.3462i
71.5	0.1964-0.5026i	-0.9402-1.6792i	-1.5525-4.6999i	0.5541+1.7959i	-0.2048+0.7809i	-0.1837-0.3887i	-0.8908+0.7819i	0.4325+0.3333i
71.6	0.1831-0.4758i	-0.9796-1.6545i	-1.6253-4.5576i	0.6132+1.7367i	-0.2051+0.7409i	-0.1882-0.3838i	-0.8724+0.8197i	0.4261+0.3046i
71.7	0.1698-0.5413i	-0.9774-1.6397i	-1.5891-4.5926i	0.6507+1.7138i	-0.1971+0.7695i	-0.1697-0.4373i	-0.8979+0.8491i	0.4357+0.3325i
71.8	0.1271-0.5652i	-0.9621-1.5276i	-1.6541-4.4649i	0.6658+1.5521i	-0.1847+0.8039i	-0.1524-0.4165i	-0.9159+0.9165i	0.4876+0.3191i
71.9	0.0900-0.5662i	-0.9700-1.4777i	-1.7396-4.3897i	0.6580+1.5070i	-0.1748+0.8241i	-0.1047-0.4063i	-0.9603+1.0579i	0.5167+0.2172i
72.0	0.0700-0.6375i	-0.9574-1.4585i	-1.6533-4.5050i	0.6574+1.4924i	-0.1853+0.8465i	-0.1406-0.5141i	-0.8632+1.2090i	0.4784+0.1859i
72.1	0.0203-0.6320i	-0.9081-1.4271i	-1.6080-4.4463i	0.6256+1.3810i	-0.1608+0.8698i	-0.1497-0.5649i	-0.8341+1.3207i	0.5152+0.1329i
72.2	0.0082-0.5953i	-0.9082-1.3846i	-1.6769-4.2517i	0.6104+1.3124i	-0.1013+0.8545i	-0.1708-0.5631i	-0.7181+1.3442i	0.4900+0.1059i
72.3	-0.0011-0.5760i	-0.9145-1.3459i	-1.8062-4.1832i	0.6545+1.3708i	-0.0508+0.8268i	-0.2268-0.5865i	-0.5680+1.4755i	0.4469+0.0215i
72.4	-0.0060-0.6169i	-0.9015-1.2908i	-1.7669-4.1329i	0.6970+1.2308i	-0.0352+0.8412i	-0.2637-0.5363i	-0.4887+1.5036i	0.4468-0.0161i
72.5	-0.0297-0.6493i	-0.8746-1.2549i	-1.7268-4.0828i	0.6968+1.1553i	-0.0483+0.8373i	-0.2148-0.5175i	-0.4584+1.5353i	0.4491-0.0515i
72.6	-0.0395-0.6817i	-0.8527-1.2177i	-1.6988-4.1261i	0.6848+1.2013i	-0.0669+0.8361i	-0.2191-0.5426i	-0.3796+1.5625i	0.4248-0.0780i
72.7	-0.0659-0.6430i	-0.8628-1.2058i	-1.8278-4.0065i	0.7228+1.1421i	-0.0082+0.8298i	-0.2770-0.5524i	-0.2520+1.5077i	0.4227-0.0514i
72.8	-0.0686-0.6161i	-0.8707-1.1781i	-1.8813-3.8874i	0.7639+1.0113i	0.0365+0.8278i	-0.2848-0.5388i	-0.1373+1.5116i	0.3726-0.0669i
72.9	-0.1216-0.6609i	-0.8504-1.1682i	-1.9303-3.9616i	0.7553+0.9386i	0.0808+0.8601i	-0.3147-0.5586i	-0.0624+1.5715i	0.3742-0.1120i
73.0	-0.0963-0.7096i	-0.8155-1.1111i	-1.7821-3.9064i	0.6178+0.7680i	0.1053+0.8489i	-0.3134-0.5590i	0.0465+1.6157i	0.3231-0.1669i
73.1	-0.0334-0.6861i	-0.7999-1.0658i	-1.6932-3.7616i	0.5982+0.7604i	0.1358+0.7791i	-0.3269-0.5302i	0.1365+1.5239i	0.2955-0.1607i
73.2	-0.0423-0.6354i	-0.7817-1.0479i	-1.7441-3.6182i	0.6871+0.7624i	0.1706+0.7116i	-0.3243-0.5072i	0.2142+1.4507i	0.2706-0.1655i
73.3	-0.0923-0.7993i	-0.7539-1.0061i	-1.7245-3.8486i	0.6879+0.6776i	0.1784+0.7159i	-0.3413-0.5403i	0.2485+1.4934i	0.2712-0.1922i
73.4	-0.0922-0.8234i	-0.7461-0.9719i	-1.7075-3.8106i	0.7076+0.6051i	0.1444+0.6746i	-0.3541-0.5399i	0.2533+1.4243i	0.2766-0.1832i
73.5	-0.1069-0.8110i	-0.7309-0.9474i	-1.7512-3.7436i	0.7350+0.4796i	0.1140+0.6514i	-0.3465-0.5176i	0.3463+1.3752i	0.2298-0.2262i
73.6	-0.1090-0.8371i	-0.7521-0.9209i	-1.8037-3.6927i	0.7439+0.3945i	0.0613+0.6672i	-0.4015-0.5404i	0.3501+1.3211i	0.2130-0.2036i
73.7	-0.1189-0.8686i	-0.7426-0.9077i	-1.8168-3.7193i	0.7136+0.3451i	0.0454+0.7307i	-0.5414-0.4937i	0.3098+1.3243i	0.2717-0.2034i
73.8	-0.1398-0.8621i	-0.7293-0.8862i	-1.8204-3.6791i	0.5977+0.2597i	0.0598+0.7633i	-0.5979-0.4413i	0.3321+1.3113i	0.2540-0.2189i
73.9	-0.1650-0.8847i	-0.7005-0.8817i	-1.7974-3.6874i	0.5076+0.2598i	0.0837+0.7845i	-0.5238-0.4068i	0.3930+1.3700i	0.2007-0.2586i
74.0	-0.1225-1.0040i	-0.6519-0.8447i	-1.6714-3.7394i	0.5181+0.1782i	0.1032+0.8144i	-0.5421-0.3950i	0.4936+1.3677i	0.1410-0.2666i
74.1	-0.0749-0.9900i	-0.6722-0.7976i	-1.6605-3.5855i	0.5732+0.1213i	0.1196+0.7723i	-0.5704-0.3220i	0.4903+1.2481i	0.1346-0.2348i
74.2	-0.0483-1.0524i	-0.6598-0.7737i	-1.6756-3.6791i	0.4812+0.0793i	0.1634+0.7804i	-0.4857-0.2449i	0.5589+1.2664i	0.0836-0.2775i
74.3	-0.0504-1.1358i	-0.6012-0.7404i	-1.6212-3.8020i	0.4431+0.0514i	0.1772+0.7864i	-0.4800-0.2403i	0.6109+1.2532i	0.0535-0.3040i
74.4	-0.1560-1.2784i	-0.5546-0.6653i	-1.7202-3.9311i	0.4235-0.0224i	0.2296+0.7611i	-0.4535-0.2657i	0.7114+1.2527i	-0.0085-0.3229i
74.5	-0.3047-1.3813i	-0.5121-0.6614i	-1.8864-4.0498i	0.2909-0.0719i	0.2476+0.7442i	-0.4514-0.2611i	0.7970+1.2333i	-0.0595-0.3185i
74.6	-0.3091-1.3357i	-0.5082-0.6610i	-1.9660-3.9299i	0.2444-0.0808i	0.2663+0.7184i	-0.4725-0.2335i	0.8191+1.1707i	-0.0600-0.2892i
74.7	-0.3663-1.3601i	-0.4549-0.6422i	-2.0316-3.8736i	0.2236-0.0961i	0.2858+0.7020i	-0.5041-0.2235i	0.8467+1.1355i	-0.0734-0.2708i
74.8	-0.5152-1.4322i	-0.4148-0.6771i	-2.1354-3.9983i	0.2026-0.1053i	0.3365+0.7019i	-0.4362-0.1945i	0.9059+1.0865i	-0.0939-0.2562i
74.9	-0.5105-1.4605i	-0.3754-0.6759i	-2.1489-3.9926i	0.1933-0.1061i	0.3273+0.6633i	-0.3556-0.1567i	0.9505+1.0133i	-0.1326-0.2519i

75.0	-0.5082-1.5193i	-0.3594-0.6157i	-2.2271-3.9242i	0.1304-0.1078i	0.3098+0.6539i	-0.2966-0.1858i	0.9226+0.9661i	-0.1323-0.2426i
75.1	-0.5135-1.5743i	-0.3537-0.6294i	-2.1746-3.9478i	0.1162-0.1811i	0.3198+0.6171i	-0.3127-0.2364i	0.9058+0.9400i	-0.1335-0.2231i
75.2	-0.6044-1.6164i	-0.2973-0.6175i	-2.3090-3.9779i	0.0951-0.1598i	0.3359+0.5889i	-0.3369-0.1768i	0.9822+0.8725i	-0.1779-0.1931i
75.3	-0.7971-1.6793i	-0.2187-0.6190i	-2.5616-4.0265i	0.0074-0.1642i	0.3962+0.5888i	-0.3234-0.2340i	1.0941+0.8133i	-0.2326-0.1581i
75.4	-1.0374-1.7370i	-0.1692-0.6623i	-2.8208-4.0868i	-0.0156-0.1931i	0.4089+0.5675i	-0.2852-0.2711i	1.1652+0.7604i	-0.2573-0.1458i
75.5	-1.1585-1.7654i	-0.1303-0.6968i	-2.9174-4.0855i	-0.0850-0.2181i	0.4055+0.5625i	-0.3113-0.2316i	1.1457+0.7301i	-0.2341-0.1286i
75.6	-1.0842-1.6730i	-0.0872-0.7225i	-2.8188-3.8869i	-0.1141-0.1978i	0.3990+0.5433i	-0.3336-0.2375i	1.0905+0.6825i	-0.2068-0.1091i
75.7	-1.2437-1.6869i	0.0028-0.7206i	-2.9498-3.8033i	-0.1830-0.1979i	0.4291+0.5663i	-0.2773-0.2278i	1.1347+0.6351i	-0.2229-0.0761i
75.8	-1.3149-1.6448i	-0.0007-0.7301i	-3.0271-3.6589i	-0.1409-0.2246i	0.4538+0.5293i	-0.2821-0.2308i	1.1691+0.5335i	-0.2587-0.0394i
75.9	-1.3813-1.7000i	0.0380-0.7570i	-3.1084-3.7148i	-0.0734-0.2426i	0.4680+0.4969i	-0.2939-0.2682i	1.1787+0.4850i	-0.2692-0.0374i
76.0	-1.5116-1.7451i	0.0973-0.7890i	-3.1799-3.7359i	-0.1803-0.2915i	0.4683+0.4433i	-0.2862-0.3211i	1.2110+0.4672i	-0.2917-0.0407i
76.1	-1.5253-1.8020i	0.0716-0.8157i	-3.1518-3.7473i	-0.2741-0.3282i	0.4786+0.4043i	-0.2867-0.3061i	1.1970+0.4536i	-0.2967-0.0470i
76.2	-1.7167-1.7335i	0.1583-0.8983i	-3.2632-3.5915i	-0.4138-0.3861i	0.4381+0.3968i	-0.3375-0.2947i	1.1724+0.3615i	-0.2851-0.0089i
76.3	-1.9291-1.7457i	0.2449-0.9846i	-3.4033-3.5222i	-0.4335-0.3911i	0.4213+0.3658i	-0.3646-0.3041i	1.1944+0.2946i	-0.3132+0.0129i
76.4	-1.9106-1.6987i	0.2241-1.0467i	-3.3912-3.4365i	-0.4047-0.3351i	0.3936+0.3339i	-0.3793-0.2910i	1.1841+0.2191i	-0.3287+0.0507i
76.5	-2.0730-1.6781i	0.2513-1.0596i	-3.4951-3.3841i	-0.4696-0.2840i	0.3892+0.3201i	-0.4076-0.2688i	1.1967+0.1644i	-0.3236+0.0895i
76.6	-2.4422-1.5374i	0.2806-1.1936i	-3.7180-3.2577i	-0.6100-0.2124i	0.4244+0.2761i	-0.4002-0.2226i	1.1862+0.0734i	-0.2947+0.0990i
76.7	-2.4904-1.6644i	0.2982-1.1943i	-3.7258-3.3281i	-0.6225-0.2740i	0.4061+0.2482i	-0.4096-0.2389i	1.2139+0.0242i	-0.3251+0.1036i
76.8	-2.6135-1.6155i	0.2947-1.2742i	-3.7293-3.2483i	-0.6816-0.2813i	0.4155+0.2146i	-0.4094-0.2021i	1.2089-0.0443i	-0.3245+0.1338i
76.9	-2.7934-1.7067i	0.3205-1.3464i	-3.8749-3.3349i	-0.7065-0.2567i	0.3857+0.1833i	-0.4539-0.2259i	1.1931-0.1149i	-0.3176+0.1793i
77.0	-2.9064-1.7735i	0.3468-1.3590i	-3.8877-3.4425i	-0.7646-0.2850i	0.3284+0.1601i	-0.4194-0.2702i	1.1929-0.2061i	-0.3450+0.2012i
77.1	-2.9153-1.7655i	0.3767-1.4272i	-3.8432-3.4193i	-0.8235-0.2736i	0.3141+0.1659i	-0.3514-0.2677i	1.1702-0.2428i	-0.3585+0.2198i
77.2	-3.1242-1.7160i	0.3363-1.4781i	-3.8593-3.4081i	-0.8669-0.2951i	0.2385+0.1539i	-0.3814-0.2442i	1.0970-0.3385i	-0.3441+0.2849i
77.3	-3.4466-1.6648i	0.2851-1.5722i	-4.1907-3.4739i	-0.9162-0.2422i	0.2201+0.1406i	-0.3384-0.2150i	1.0210-0.4135i	-0.3298+0.3294i
77.4	-3.7567-1.6446i	0.2645-1.6415i	-4.4461-3.4735i	-0.9109-0.1778i	0.1758+0.1267i	-0.3433-0.2095i	0.9911-0.4379i	-0.3391+0.3409i
77.5	-3.9457-1.4933i	0.2254-1.7153i	-4.6850-3.4080i	-0.9250-0.0326i	0.0899+0.1561i	-0.3780-0.1466i	0.9166-0.4743i	-0.3239+0.3588i
77.6	-4.1698-1.1677i	0.1710-1.8335i	-4.8264-3.2804i	-0.8985-0.0072i	0.0554+0.1788i	-0.3919-0.1677i	0.8397-0.5106i	-0.3040+0.3962i
77.7	-4.3762-1.1191i	0.1294-1.8884i	-4.9899-3.2827i	-0.7788+0.0399i	0.0147+0.2171i	-0.3475-0.2701i	0.8009-0.5559i	-0.2999+0.4541i
77.8	-4.5087-0.9549i	0.0533-1.9603i	-5.2278-3.2578i	-0.7652-0.1068i	-0.0418+0.2591i	-0.3725-0.2635i	0.7624-0.6004i	-0.2691+0.5212i
77.9	-4.6612-0.5917i	-0.0845-2.0523i	-5.3306-3.0081i	-0.8063-0.0701i	-0.0412+0.3400i	-0.4080-0.2488i	0.6977-0.6180i	-0.2268+0.5485i
78.0	-4.8711-0.2846i	-0.1866-2.0813i	-5.5440-2.8050i	-0.8728-0.0839i	-0.0682+0.4522i	-0.3559-0.2585i	0.6269-0.6708i	-0.1848+0.6183i
78.1	-5.2469-0.1123i	-0.2884-2.1504i	-5.9480-2.5962i	-0.8356-0.1691i	-0.0751+0.5326i	-0.4142-0.2597i	0.4997-0.7149i	-0.0989+0.6697i
78.2	-5.3457+0.1266i	-0.4042-2.1546i	-6.1916-2.3573i	-0.8875-0.1321i	-0.0592+0.5978i	-0.4219-0.1998i	0.4200-0.7062i	-0.0267+0.6895i
78.3	-5.3163+0.6717i	-0.4907-2.0546i	-6.2437-1.8266i	-0.9802-0.2414i	0.0404+0.6198i	-0.4658-0.1674i	0.3026-0.6617i	0.0804+0.6703i
78.4	-5.4113+0.9447i	-0.5827-2.0239i	-6.2654-1.6153i	-1.0061-0.2805i	0.1225+0.6356i	-0.4824-0.2403i	0.2578-0.6523i	0.1143+0.6638i
78.5	-5.5863+1.1024i	-0.5923-2.0969i	-6.3263-1.3722i	-1.1056-0.2725i	0.1729+0.6846i	-0.4395-0.2899i	0.2230-0.6546i	0.1316+0.6671i
78.6	-5.7005+1.6918i	-0.7461-2.0662i	-6.2592-0.7605i	-0.9524-0.1785i	0.2929+0.6447i	-0.4340-0.2895i	0.1201-0.6106i	0.2144+0.6436i
78.7	-5.6534+2.1662i	-0.7962-1.8884i	-6.0711-0.3433i	-1.0964-0.2015i	0.3311+0.6043i	-0.5075-0.2057i	0.0538-0.5288i	0.2787+0.5532i
78.8	-5.5634+2.8159i	-0.8814-1.7682i	-5.8489+0.1488i	-1.2332-0.1328i	0.4161+0.5737i	-0.4864-0.1836i	0.0003-0.4651i	0.3088+0.5185i
78.9	-5.0825+3.3719i	-0.7061-1.6099i	-4.8533+0.3688i	-1.1427-0.2039i	0.4001+0.4816i	-0.3563-0.1454i	0.0049-0.3590i	0.2670+0.4437i
79.0	-4.2602+3.0837i	-0.6309-1.7356i	-4.4733-0.7768i	-1.1529-0.1996i	0.2826+0.4577i	-0.2292-0.2611i	0.0700-0.3047i	0.1911+0.4690i
79.1	-4.6890+2.9168i	-0.7935-1.8494i	-5.7629-1.0146i	-1.1532-0.2613i	0.2847+0.5311i	-0.4365-0.3981i	0.0892-0.3415i	0.2685+0.5183i
79.2	-5.1227+3.2847i	-0.8820-1.7860i	-6.2931-0.4561i	-1.2066-0.3313i	0.3578+0.5671i	-0.5603-0.3318i	0.0771-0.3263i	0.3174+0.4940i
79.3	-5.0847+3.6763i	-0.9585-1.7724i	-6.2535-0.0228i	-1.2105-0.3893i	0.3801+0.6170i	-0.5173-0.3020i	0.0838-0.3073i	0.3219+0.4752i
79.4	-4.8830+4.3714i	-0.8772-1.7723i	-6.0658+0.4325i	-1.4802-0.4656i	0.3591+0.6099i	-0.5354-0.2437i	0.1087-0.3187i	0.2875+0.4269i
79.5	-4.7998+5.0363i	-0.7080-1.7530i	-5.8893+0.9269i	-1.6410-0.5827i	0.3847+0.6225i	-0.6147-0.2566i	0.0973-0.3655i	0.3058+0.4584i
79.6	-4.3071+5.2361i	-0.7057-1.7192i	-5.5738+1.1903i	-1.7587-0.5479i	0.4110+0.6436i	-0.5851-0.2465i	0.0913-0.4029i	0.3187+0.4896i
79.7	-3.9170+5.3897i	-0.8179-1.7442i	-5.4584+1.2531i	-1.7922-0.5439i	0.4023+0.6306i	-0.6145-0.1564i	0.0735-0.3783i	0.3535+0.4574i
79.8	-3.5672+5.5954i	-0.7958-1.8558i	-5.2900+1.3869i	-1.9259-0.4747i	0.4688+0.6500i	-0.6073-0.1981i	0.0396-0.4163i	0.3627+0.4955i
79.9	-3.2005+5.8965i	-0.7821-1.9365i	-5.1790+1.4828i	-2.1845-0.4563i	0.5376+0.6791i	-0.6625-0.1329i	-0.0206-0.4285i	0.4096+0.4995i
80.0	-2.7962+6.1730i	-0.7414-2.0017i	-4.9907+1.6838i	-2.4433-0.3460i	0.6035+0.6582i	-0.6972-0.1001i	-0.0880-0.4268i	0.4913+0.4820i

2.1.29 Run 3 – IP315 – Accels 33–40

In-plane shaking at 315°. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	8.7516+0.0000i	3.5829+0.0000i	-4.1804+0.0000i	-4.8805+0.0000i	20.9831+0.0000i	8.0092+0.0000i	11.7970+0.0000i	5.4846+0.0000i
0.1	8.9249+0.0668i	3.7382+0.1483i	-3.9033+0.1683i	-4.5431+0.0482i	20.7697-0.0713i	8.5928-0.3737i	12.4019+1.1464i	5.5846+0.6182i
0.2	0.9555+0.1654i	0.0985+0.2994i	0.1922-0.1519i	1.6639+1.0516i	0.4931-1.0490i	-0.1557-2.0683i	0.9453+1.5367i	1.4977+0.8393i
0.3	-0.2260-0.0854i	-0.0839+0.0530i	-0.1277-0.0495i	0.3731+0.2638i	-0.1970-0.1638i	-0.0685+0.1623i	0.3659+0.1026i	0.1936+0.0158i
0.4	-0.0201-0.0532i	0.0199-0.0407i	0.0056-0.0270i	-0.0766-0.1856i	-0.0159-0.1242i	-0.0799+0.0001i	0.3003-0.1513i	0.0516-0.0235i
0.5	-0.0117-0.0049i	0.0274+0.0003i	-0.0016+0.0146i	-0.0942-0.0283i	0.0090-0.0453i	-0.0110+0.0049i	0.0759+0.0437i	-0.0024-0.0216i
0.6	-0.0309-0.0079i	0.0428+0.0103i	-0.0016+0.0070i	-0.0292+0.0005i	0.0292+0.0047i	-0.0061-0.0065i	-0.0090+0.0144i	-0.0211-0.0068i
0.7	-0.0321-0.0086i	0.0513+0.0096i	0.0005-0.0004i	-0.0254-0.0009i	0.0404+0.0070i	-0.0010-0.0038i	-0.0096-0.0139i	-0.0114-0.0087i
0.8	-0.0401-0.0098i	0.0666+0.0142i	0.0023-0.0008i	-0.0386-0.0086i	0.0535+0.0116i	0.0016+0.0008i	-0.0162-0.0114i	-0.0209-0.0054i
0.9	-0.0556-0.0082i	0.0879+0.0172i	0.0038+0.0002i	-0.0490-0.0118i	0.0750+0.0176i	0.0050+0.0002i	-0.0237-0.0015i	-0.0227+0.0024i
1.0	-0.0656-0.0076i	0.1023+0.0183i	0.0054+0.0014i	-0.0623-0.0116i	0.0913+0.0230i	0.0058-0.0012i	-0.0233+0.0002i	-0.0150+0.0141i
1.1	-0.0921+0.0027i	0.1749+0.0071i	0.0076-0.0020i	-0.0810-0.0281i	0.1530+0.0571i	0.0077+0.0038i	-0.0109-0.0094i	-0.0345+0.0508i
1.2	-0.1073-0.0013i	0.2493+0.0243i	0.0101-0.0014i	-0.1276-0.0291i	0.2653+0.0685i	0.0103+0.0016i	-0.0103-0.0007i	-0.0227+0.0477i
1.3	-0.1300+0.0167i	0.3795+0.0677i	0.0137-0.0008i	-0.1850-0.0447i	0.4368+0.1601i	0.0119+0.0023i	-0.0264-0.0026i	-0.0317+0.0622i
1.4	-0.0945-0.0096i	0.7064+0.0118i	0.0133+0.0020i	-0.2980-0.0359i	0.9600+0.0318i	0.0134+0.0029i	-0.0396-0.0116i	-0.0202+0.0516i
1.5	-0.1515-0.1308i	0.8318-0.4557i	0.0183+0.0065i	-0.3220+0.1052i	1.0016-0.7985i	0.0164+0.0024i	-0.0594-0.0056i	-0.0779+0.0253i
1.6	-0.3154-0.1747i	0.5880-0.7372i	0.0246+0.0066i	-0.2256+0.1406i	0.3736-1.1609i	0.0182+0.0023i	-0.0655+0.0047i	-0.1570+0.0928i
1.7	-0.4590-0.1298i	0.4026-0.9292i	0.0320+0.0033i	-0.2238+0.0727i	-0.0134-1.1553i	0.0227+0.0058i	-0.0725+0.0099i	-0.1001+0.2427i
1.8	-0.6189-0.0500i	0.1010-1.3026i	0.0417-0.0011i	-0.3495-0.0154i	-0.3480-1.2314i	0.0356+0.0155i	-0.0898+0.0157i	0.0877+0.3848i
1.9	-0.7884+0.0079i	-0.4648-1.2289i	0.0477-0.0047i	-0.5804-0.0844i	-0.7813-0.9687i	0.0576+0.0193i	-0.1151+0.0188i	0.3160+0.2994i
2.0	-1.0851+0.0270i	-0.7540-0.9504i	0.0573-0.0068i	-0.9540-0.0964i	-0.9402-0.6569i	0.0876+0.0176i	-0.1667+0.0229i	0.3887+0.1434i
2.1	-1.7391+0.1299i	-0.8372-0.6622i	0.0814-0.0091i	-1.6548+0.0261i	-0.9650-0.4007i	0.1377+0.0081i	-0.2775+0.0472i	0.3691+0.0135i
2.2	-2.8051+0.4111i	-0.8403-0.5204i	0.1217-0.0188i	-2.7205+0.3284i	-0.9980-0.2734i	0.2117-0.0137i	-0.4517+0.1083i	0.3261-0.0433i
2.3	-1.9975+1.1065i	-0.8105-0.3427i	0.0933-0.0438i	-1.9546+1.0265i	-0.8664-0.1052i	0.1605-0.0644i	-0.3098+0.2118i	0.2583-0.0634i
2.4	2.7745+0.7832i	-0.5664-0.2329i	-0.0781-0.0304i	2.7105+0.6563i	-0.3199-0.0388i	-0.1564-0.0417i	0.4875+0.0924i	0.2405-0.1316i
2.5	1.8367+0.5024i	-0.5432-0.1868i	-0.0406-0.0197i	1.7901+0.4098i	-0.3586-0.0391i	-0.0921-0.0256i	0.3276+0.0594i	0.2302-0.1360i
2.6	1.3567+0.2997i	-0.5223-0.1627i	-0.0213-0.0124i	1.3141+0.2258i	-0.3650-0.0431i	-0.0574-0.0127i	0.2443+0.0307i	0.2033-0.1542i
2.7	1.1116+0.1914i	-0.5039-0.1419i	-0.0099-0.0081i	1.0719+0.1285i	-0.3600-0.0387i	-0.0383-0.0056i	0.2031+0.0151i	0.1861-0.1716i
2.8	0.9668+0.1497i	-0.4843-0.1290i	-0.0026-0.0064i	0.9304+0.0922i	-0.3537-0.0343i	-0.0267-0.0034i	0.1796+0.0098i	0.1812-0.1868i
2.9	0.8527+0.1318i	-0.4644-0.1170i	0.0039-0.0057i	0.8185+0.0789i	-0.3440-0.0287i	-0.0171-0.0026i	0.1614+0.0082i	0.1686-0.2072i
3.0	0.7528+0.1046i	-0.4482-0.0978i	0.0111-0.0042i	0.7198+0.0584i	-0.3331-0.0210i	-0.0064-0.0009i	0.1456+0.0021i	0.1494-0.2183i
3.1	0.6984+0.0992i	-0.4393-0.0939i	0.0165-0.0042i	0.6613+0.0542i	-0.3222-0.0197i	0.0013-0.0004i	0.1348+0.0018i	0.0982-0.2459i
3.2	0.6556+0.0882i	-0.4280-0.0857i	0.0214-0.0035i	0.6168+0.0490i	-0.3127-0.0203i	0.0073-0.0004i	0.1283+0.0017i	0.0635-0.2318i
3.3	0.6186+0.0817i	-0.4197-0.0843i	0.0261-0.0036i	0.5801+0.0421i	-0.3046-0.0195i	0.0137+0.0003i	0.1236+0.0005i	0.0282-0.2686i
3.4	0.5944+0.0711i	-0.4105-0.0781i	0.0302-0.0028i	0.5583+0.0351i	-0.2996-0.0174i	0.0178+0.0009i	0.1208-0.0004i	0.0389-0.2703i
3.5	0.5649+0.0662i	-0.4001-0.0679i	0.0350-0.0025i	0.5288+0.0359i	-0.2921-0.0164i	0.0244-0.0002i	0.1183+0.0005i	0.0141-0.2463i
3.6	0.5435+0.0629i	-0.3943-0.0655i	0.0392-0.0021i	0.5074+0.0340i	-0.2878-0.0152i	0.0298+0.0001i	0.1173+0.0000i	-0.0162-0.2671i
3.7	0.5244+0.0568i	-0.3879-0.0572i	0.0444-0.0011i	0.4880+0.0335i	-0.2830-0.0168i	0.0351+0.0005i	0.1166+0.0000i	-0.0553-0.2214i
3.8	0.5080+0.0585i	-0.3838-0.0613i	0.0500-0.0020i	0.4713+0.0323i	-0.2776-0.0164i	0.0425+0.0017i	0.1174-0.0016i	-0.1206-0.2845i
3.9	0.4965+0.0581i	-0.3781-0.0678i	0.0542-0.0017i	0.4610+0.0284i	-0.2749-0.0150i	0.0468+0.0039i	0.1194-0.0028i	-0.1427-0.3706i
4.0	0.4849+0.0530i	-0.3774-0.0617i	0.0598-0.0012i	0.4480+0.0292i	-0.2739-0.0157i	0.0541+0.0039i	0.1226-0.0030i	-0.1680-0.3305i
4.1	0.4732+0.0494i	-0.3756-0.0514i	0.0649-0.0012i	0.4372+0.0316i	-0.2714-0.0169i	0.0611+0.0029i	0.1254-0.0065i	-0.2043-0.2612i
4.2	0.4638+0.0499i	-0.3694-0.0480i	0.0702-0.0016i	0.4289+0.0356i	-0.2678-0.0183i	0.0677+0.0018i	0.1263-0.0090i	-0.2392-0.2239i
4.3	0.4565+0.0494i	-0.3669-0.0462i	0.0767-0.0007i	0.4210+0.0387i	-0.2648-0.0195i	0.0776+0.0005i	0.1323-0.0118i	-0.3329-0.1699i
4.4	0.4520+0.0523i	-0.3649-0.0488i	0.0820-0.0017i	0.4205+0.0413i	-0.2646-0.0217i	0.0861-0.0004i	0.1312-0.0243i	-0.3333-0.1762i
4.5	0.4487+0.0489i	-0.3588-0.0419i	0.0865-0.0008i	0.4230+0.0409i	-0.2649-0.0196i	0.0906-0.0003i	0.1271-0.0204i	-0.2729-0.1472i
4.6	0.4448+0.0445i	-0.3518-0.0402i	0.0920+0.0007i	0.4213+0.0353i	-0.2622-0.0169i	0.0961+0.0019i	0.1307-0.0112i	-0.2889-0.1781i
4.7	0.4404+0.0453i	-0.3476-0.0418i	0.0989+0.0001i	0.4175+0.0365i	-0.2575-0.0200i	0.1047+0.0006i	0.1317-0.0124i	-0.4013-0.1321i
4.8	0.4281+0.0496i	-0.3411-0.0433i	0.1082-0.0021i	0.4078+0.0423i	-0.2551-0.0223i	0.1161-0.0025i	0.1452-0.0297i	-0.4019-0.0989i
4.9	0.4208+0.0507i	-0.3388-0.0454i	0.1156-0.0035i	0.4007+0.0431i	-0.2543-0.0253i	0.1279-0.0046i	0.1594-0.0398i	-0.4336-0.0494i
5.0	0.4169+0.0518i	-0.3331-0.0498i	0.1232-0.0031i	0.3970+0.0427i	-0.2503-0.0280i	0.1387-0.0041i	0.1781-0.0500i	-0.5005-0.0358i
5.1	0.4106+0.0548i	-0.3292-0.0546i	0.1324-0.0049i	0.3940+0.0456i	-0.2524-0.0299i	0.1510-0.0063i	0.2007-0.0660i	-0.4768-0.0060i
5.2	0.4097+0.0589i	-0.3302-0.0593i	0.1400-0.0049i	0.3945+0.0511i	-0.2539-0.0378i	0.1628-0.0077i	0.2061-0.0802i	-0.4479+0.1372i
5.3	0.4056+0.0668i	-0.3337-0.0733i	0.1495-0.0058i	0.3927+0.0579i	-0.2552-0.0495i	0.1799-0.0097i	0.2173-0.1145i	-0.4776+0.3103i
5.4	0.4053+0.0775i	-0.3346-0.0748i	0.1569-0.0068i	0.3938+0.0665i	-0.2581-0.0475i	0.1925-0.0127i	0.2299-0.1546i	-0.4240+0.2687i
5.5	0.4084+0.0841i	-0.3338-0.0671i	0.1649-0.0110i	0.4002+0.0736i	-0.2612-0.0415i	0.2055-0.0219i	0.2238-0.1956i	-0.2856+0.2110i
5.6	0.4096+0.0898i	-0.3367-0.0655i	0.1712-0.0145i	0.4022+0.0801i	-0.2658-0.0412i	0.2197-0.0281i	0.2185-0.2406i	-0.2517+0.2128i

5.7	0.4132+0.0949i	-0.3531-0.0644i	0.1777-0.0132i	0.4077+0.0850i	-0.2798-0.0433i	0.2357-0.0301i	0.2211-0.2601i	-0.1288+0.3260i
5.8	0.4206+0.1056i	-0.3659-0.0689i	0.1831-0.0167i	0.4133+0.0938i	-0.2896-0.0466i	0.2494-0.0421i	0.1925-0.3145i	-0.1075+0.4171i
5.9	0.4415+0.1203i	-0.3691-0.0711i	0.1815-0.0222i	0.4342+0.1068i	-0.2900-0.0448i	0.2537-0.0532i	0.0831-0.3896i	-0.1236+0.4013i
6.0	0.4665+0.1171i	-0.3701-0.0627i	0.1819-0.0201i	0.4615+0.1059i	-0.2911-0.0392i	0.2562-0.0518i	-0.0468-0.3643i	-0.0138+0.3003i
6.1	0.4824+0.1051i	-0.3676-0.0548i	0.1843-0.0155i	0.4799+0.0958i	-0.2921-0.0339i	0.2679-0.0483i	-0.1040-0.3068i	0.0695+0.2671i
6.2	0.4884+0.0953i	-0.3698-0.0483i	0.1873-0.0095i	0.4865+0.0871i	-0.2944-0.0301i	0.2902-0.0459i	-0.1230-0.2647i	0.0233+0.2293i
6.3	0.4901+0.0890i	-0.3633-0.0470i	0.1882-0.0013i	0.4924+0.0789i	-0.2892-0.0271i	0.3115-0.0410i	-0.1445-0.2091i	-0.0639+0.0563i
6.4	0.4939+0.0941i	-0.3670-0.0384i	0.1917+0.0097i	0.5023+0.0869i	-0.2958-0.0221i	0.3445-0.0384i	-0.1262-0.1785i	0.0384+0.2028i
6.5	0.4992+0.0962i	-0.3678-0.0371i	0.1932+0.0235i	0.5123+0.0869i	-0.2991-0.0231i	0.3720-0.0357i	-0.1179-0.1768i	0.0163+0.3040i
6.6	0.5179+0.0957i	-0.3653-0.0333i	0.1901+0.0456i	0.5407+0.0829i	-0.3010-0.0188i	0.4147-0.0371i	-0.1370-0.1615i	0.0900+0.2794i
6.7	0.5489+0.0943i	-0.3671-0.0337i	0.1842+0.0694i	0.5764+0.0760i	-0.3025-0.0175i	0.4488-0.0496i	-0.1560-0.1440i	0.1076+0.2393i
6.8	0.5844+0.0849i	-0.3657-0.0343i	0.1611+0.1021i	0.6177+0.0618i	-0.3028-0.0165i	0.4851-0.0578i	-0.1941-0.1445i	0.0922+0.2563i
6.9	0.6305+0.0645i	-0.3621-0.0321i	0.1253+0.1901i	0.6730+0.0320i	-0.3018-0.0100i	0.5259-0.0798i	-0.2530-0.0958i	0.0926+0.2536i
7.0	0.6950-0.0083i	-0.3592-0.0359i	0.0657+0.4081i	0.7516-0.0636i	-0.3047-0.0071i	0.5758-0.0912i	-0.3736+0.0004i	0.1678+0.2531i
7.1	0.6797-0.1394i	-0.3611-0.0354i	0.2770+0.6997i	0.7225-0.2296i	-0.2961+0.0006i	0.6153-0.1097i	-0.3718+0.2336i	0.2644+0.1650i
7.2	0.5521-0.2371i	-0.3575-0.0283i	0.7666+0.8061i	0.5526-0.3438i	-0.2838+0.0059i	0.6698-0.1139i	-0.1350+0.4903i	0.3249-0.1854i
7.3	0.4287-0.2015i	-0.3531-0.0297i	1.0735+0.5791i	0.4085-0.2897i	-0.2814-0.0018i	0.7597-0.1478i	0.1987+0.4528i	0.3087-0.3556i
7.4	0.3697-0.1227i	-0.3579-0.0366i	1.2099+0.3137i	0.3333-0.1950i	-0.2808-0.0117i	0.7937-0.2207i	0.3699+0.1920i	0.0386-0.2274i
7.5	0.3628-0.0334i	-0.3653-0.0337i	1.2415+0.0733i	0.3248-0.0793i	-0.2872-0.0174i	0.8393-0.2347i	0.3310-0.0178i	-0.0994-0.0040i
7.6	0.3949+0.0106i	-0.3663-0.0325i	1.2308-0.0288i	0.3680-0.0266i	-0.2918-0.0160i	0.9275-0.2449i	0.2864-0.0697i	-0.0181+0.0738i
7.7	0.4271+0.0242i	-0.3623-0.0282i	1.2303-0.0924i	0.4109-0.0124i	-0.2916-0.0132i	1.0181-0.2997i	0.2529-0.1043i	0.0806+0.0015i
7.8	0.4656+0.0392i	-0.3581-0.0238i	1.2618-0.1729i	0.4597+0.0004i	-0.2886-0.0132i	1.1145-0.4101i	0.2286-0.1615i	0.1100+0.1369i
7.9	0.4837+0.0436i	-0.3548-0.0250i	1.2850-0.2309i	0.4790+0.0010i	-0.2847-0.0109i	1.1407-0.4957i	0.2340-0.1914i	0.0239+0.0395i
8.0	0.5034+0.0426i	-0.3521-0.0268i	1.3359-0.3068i	0.5001+0.0007i	-0.2826-0.0121i	1.1966-0.5728i	0.2019-0.2803i	-0.0663-0.0543i
8.1	0.5251+0.0529i	-0.3496-0.0269i	1.3861-0.3816i	0.5247+0.0074i	-0.2801-0.0138i	1.2615-0.6558i	0.1004-0.3546i	-0.1242+0.0365i
8.2	0.5397+0.0610i	-0.3495-0.0249i	1.4347-0.4382i	0.5417+0.0139i	-0.2792-0.0130i	1.3238-0.7114i	-0.0000-0.3704i	-0.0875+0.0682i
8.3	0.5690+0.0587i	-0.3456-0.0245i	1.5583-0.5078i	0.5770+0.0101i	-0.2777-0.0117i	1.4981-0.7904i	-0.0808-0.3552i	-0.1042-0.0102i
8.4	0.5912+0.0432i	-0.3454-0.0249i	1.6785-0.5768i	0.6064-0.0069i	-0.2819-0.0137i	1.6619-0.8797i	-0.1240-0.2887i	-0.0508-0.0208i
8.5	0.6410+0.0312i	-0.3355-0.0269i	1.8424-0.7139i	0.6647-0.0217i	-0.2686-0.0158i	1.8846-1.0575i	-0.1948-0.2363i	-0.0656-0.1041i
8.6	0.6874+0.0045i	-0.3291-0.0331i	1.9829-0.8719i	0.7144-0.0525i	-0.2599-0.0258i	2.0784-1.2730i	-0.2372-0.2083i	-0.0478+0.0670i
8.7	0.7253-0.0523i	-0.3250-0.0436i	2.1870-1.1428i	0.7624-0.1216i	-0.2553-0.0390i	2.3437-1.6465i	-0.2666-0.1529i	-0.1481+0.0379i
8.8	0.7500-0.0863i	-0.3171-0.0491i	2.3778-1.4386i	0.7981-0.1683i	-0.2540-0.0442i	2.5894-2.0480i	-0.2639-0.1024i	-0.1075-0.0918i
8.9	0.7868-0.1815i	-0.3105-0.0654i	2.6019-2.0852i	0.8456-0.2920i	-0.2474-0.0668i	2.8649-2.9331i	-0.2856-0.0206i	-0.4290-0.0884i
9.0	0.7969-0.3044i	-0.3105-0.1060i	2.5498-2.8444i	0.8533-0.4492i	-0.2487-0.1105i	2.7710-3.9721i	-0.1959+0.1409i	-0.6300+0.4148i
9.1	0.7393-0.3907i	-0.3257-0.1322i	2.1892-3.3950i	0.7808-0.5624i	-0.2743-0.1392i	2.2313-4.7149i	0.0056+0.1168i	-0.3310+0.7718i
9.2	0.7566-0.4304i	-0.3317-0.1476i	2.3330-3.9296i	0.8038-0.6361i	-0.2826-0.1481i	2.3867-5.4034i	-0.0307-0.0785i	0.0052+0.6694i
9.3	0.6276-0.6491i	-0.3905-0.1805i	1.0284-5.5685i	0.6054-0.9287i	-0.3389-0.1845i	0.5929-7.5951i	-0.1488+0.0016i	0.2194+0.4982i
9.4	0.3251-0.6998i	-0.4596-0.1525i	-1.3527-5.6504i	0.1896-0.9690i	-0.4125-0.1672i	-2.6650-7.6538i	-0.1185+0.0759i	0.4146+0.5024i
9.5	0.1817-0.5619i	-0.4654-0.1097i	-2.4027-4.4433i	-0.0028-0.7715i	-0.4249-0.1212i	-4.0820-5.9880i	-0.0500+0.0987i	0.5849+0.1746i
9.6	0.0950-0.3814i	-0.4595-0.0612i	-2.8554-2.9952i	-0.1063-0.5235i	-0.4270-0.0708i	-4.6849-3.9941i	0.0294+0.0758i	0.8600-0.0674i
9.7	0.0937-0.2711i	-0.4376-0.0391i	-2.6585-2.2002i	-0.0937-0.3770i	-0.4104-0.0411i	-4.4116-2.9056i	0.0426+0.0371i	0.7700-0.3024i
9.8	0.1119-0.1819i	-0.4076-0.0366i	-2.4071-1.6533i	-0.0638-0.2637i	-0.3872-0.0287i	-4.0693-2.1565i	0.0376+0.0197i	0.5020-0.2276i
9.9	0.1484-0.1185i	-0.3879-0.0519i	-2.1187-1.3521i	-0.0176-0.1889i	-0.3641-0.0340i	-3.6872-1.7401i	0.0385-0.0143i	0.2315-0.1868i
10.0	0.1789-0.0787i	-0.3768-0.0535i	-1.9157-1.1864i	0.0173-0.1344i	-0.3451-0.0338i	-3.4193-1.5053i	0.0263-0.0176i	0.1840-0.1257i
10.1	0.2211-0.0547i	-0.3617-0.0586i	-1.7994-1.0852i	0.0633-0.0993i	-0.3237-0.0507i	-3.2752-1.3538i	0.0598-0.0129i	-0.2880-0.1154i
10.2	0.2559-0.0475i	-0.3639-0.0677i	-1.7324-0.9795i	0.1052-0.0802i	-0.3245-0.0735i	-3.1870-1.2053i	0.0390-0.0137i	-0.3980-0.1459i
10.3	0.2843-0.0327i	-0.3627-0.0963i	-1.6907-0.8293i	0.1362-0.0529i	-0.3287-0.1105i	-3.1326-1.0045i	0.0205-0.0421i	-0.2920+0.0192i
10.4	0.2954-0.0203i	-0.3470-0.1135i	-1.6321-0.6884i	0.1552-0.0358i	-0.3243-0.1272i	-3.0671-0.8290i	0.0181-0.0482i	-0.5057-0.0505i
10.5	0.3095-0.0151i	-0.3544-0.1332i	-1.5365-0.5689i	0.1771-0.0238i	-0.3389-0.1463i	-2.9572-0.6667i	-0.0071-0.0414i	-0.5061+0.2405i
10.6	0.3230-0.0137i	-0.3716-0.1429i	-1.4508-0.4799i	0.1948-0.0184i	-0.3604-0.1547i	-2.8629-0.5476i	-0.0023-0.0361i	-0.4842+0.2781i
10.7	0.3413-0.0050i	-0.3965-0.1662i	-1.3219-0.3714i	0.2184-0.0051i	-0.3873-0.1744i	-2.7183-0.3996i	0.0134-0.0269i	-0.3449+0.4975i
10.8	0.3539-0.0009i	-0.4082-0.1740i	-1.2205-0.3285i	0.2359-0.0000i	-0.4027-0.1791i	-2.6070-0.3391i	0.0106-0.0224i	-0.5206+0.6734i
10.9	0.3698+0.0023i	-0.4242-0.1724i	-1.1121-0.3046i	0.2565+0.0028i	-0.4205-0.1774i	-2.4895-0.3069i	0.0213-0.0214i	-0.3206+0.6889i
11.0	0.3828+0.0030i	-0.4395-0.1781i	-1.0426-0.2860i	0.2734+0.0078i	-0.4358-0.1846i	-2.4209-0.2728i	0.0214-0.0143i	-0.0600+1.1221i
11.1	0.3966+0.0037i	-0.4553-0.1812i	-0.9606-0.2624i	0.2900+0.0124i	-0.4576-0.1893i	-2.3484-0.2290i	0.0335-0.0208i	0.1678+1.1615i
11.2	0.4088+0.0052i	-0.4629-0.1774i	-0.9074-0.2496i	0.3026+0.0153i	-0.4679-0.1849i	-2.3056-0.2152i	0.0430-0.0270i	0.2245+0.9123i
11.3	0.4239+0.0059i	-0.4701-0.1769i	-0.8348-0.2442i	0.3208+0.0163i	-0.4772-0.1866i	-2.2612-0.2055i	0.0444-0.0267i	0.3266+0.7635i
11.4	0.4283+0.0040i	-0.4772-0.1773i	-0.7938-0.2312i	0.3280+0.0150i	-0.4907-0.1883i	-2.2341-0.1835i	0.0465-0.0324i	0.6019+0.7603i
11.5	0.4380+0.0070i	-0.4798-0.1846i	-0.7360-0.2318i	0.3348+0.0185i	-0.4945-0.1973i	-2.1981-0.1747i	0.0565-0.0406i	0.5914+0.6706i
11.6	0.4513+0.0088i	-0.4766-0.1813i	-0.6880-0.2388i	0.3477+0.0219i	-0.4947-0.1941i	-2.1763-0.1781i	0.0731-0.0463i	0.8093+0.5937i
11.7	0.4614+0.0062i	-0.4850-0.1952i	-0.6384-0.2544i	0.3609+0.0225i	-0.5143-0.2129i	-2.1641-0.1711i	0.0705-0.0640i	0.9593+0.8238i
11.8	0.4765+0.0044i	-0.4851-0.2060i	-0.6026-0.2585i	0.3707+0.0248i	-0.5163-0.2246i	-2.1672-0.1702i	0.0716-0.0753i	1.1089+0.7015i
11.9	0.4924+0.0020i	-0.4853-0.2237i	-0.5750-0.2758i	0.3835+0.0243i	-0.5206-0.2455i	-2.1795-0.1619i	0.0755-0.0870i	1.1175+0.4442i

12.0	0.5058−0.0019i	−0.4891−0.2390i	−0.5407−0.2805i	0.3941+0.0256i	−0.5357−0.2606i	−2.1881−0.1456i	0.0705−0.0932i	1.2914+0.2732i
12.1	0.5169−0.0034i	−0.4809−0.2633i	−0.5054−0.2905i	0.3996+0.0316i	−0.5327−0.2898i	−2.2016−0.1417i	0.0712−0.1042i	1.2522+0.0696i
12.2	0.5266−0.0052i	−0.4802−0.2802i	−0.4828−0.3042i	0.4072+0.0360i	−0.5389−0.3067i	−2.2134−0.1483i	0.0739−0.1080i	1.4034+0.0118i
12.3	0.5402−0.0108i	−0.4874−0.3070i	−0.4597−0.3193i	0.4172+0.0416i	−0.5564−0.3351i	−2.2368−0.1439i	0.0785−0.1082i	1.5933−0.0307i
12.4	0.5529−0.0218i	−0.4840−0.3484i	−0.4481−0.3334i	0.4253+0.0465i	−0.5638−0.3872i	−2.2892−0.1368i	0.0800−0.1194i	1.6318−0.0241i
12.5	0.5630−0.0340i	−0.4967−0.4285i	−0.4416−0.3389i	0.4354+0.0612i	−0.5888−0.4736i	−2.3450−0.1086i	0.0707−0.1357i	1.4145+0.0453i
12.6	0.5691−0.0466i	−0.5140−0.5062i	−0.4370−0.3344i	0.4451+0.0765i	−0.6221−0.5611i	−2.4008−0.0701i	0.0689−0.1389i	1.3900−0.0042i
12.7	0.5729−0.0575i	−0.5486−0.5981i	−0.4227−0.3355i	0.4595+0.0959i	−0.6776−0.6592i	−2.4703−0.0182i	0.0824−0.1463i	1.8369−0.2047i
12.8	0.5634−0.0730i	−0.6666−0.6962i	−0.3897−0.3308i	0.4896+0.1162i	−0.8229−0.7590i	−2.4879+0.0655i	0.0876−0.1712i	2.0840−0.3222i
12.9	0.5538−0.0786i	−0.7747−0.7359i	−0.3660−0.3342i	0.5179+0.1223i	−0.9517−0.7896i	−2.5012+0.1189i	0.0879−0.2071i	2.4947−0.5312i
13.0	0.5421−0.0723i	−0.9877−0.7418i	−0.3378−0.3391i	0.5738+0.1224i	−1.2065−0.7825i	−2.5183+0.1691i	0.0811−0.2392i	2.9778−1.0093i
13.1	0.5338−0.0642i	−1.1309−0.7281i	−0.3160−0.3388i	0.6052+0.1218i	−1.3732−0.7576i	−2.5220+0.2020i	0.0411−0.2314i	2.8762−1.3981i
13.2	0.5342−0.0556i	−1.2472−0.6769i	−0.2926−0.3357i	0.6347+0.1105i	−1.5082−0.6867i	−2.5406+0.2386i	−0.0135−0.2618i	2.9009−1.9891i
13.3	0.5438−0.0336i	−1.3653−0.6013i	−0.2644−0.3499i	0.6698+0.0981i	−1.6524−0.5871i	−2.5811+0.2480i	−0.0684−0.2507i	2.4566−3.0744i
13.4	0.5526−0.0156i	−1.4391−0.5234i	−0.2452−0.3689i	0.6940+0.0876i	−1.7421−0.4865i	−2.6189+0.2398i	−0.1043−0.2016i	1.7327−3.8943i
13.5	0.5669−0.0009i	−1.4923−0.4439i	−0.2382−0.3500i	0.7077+0.0733i	−1.7997−0.3844i	−2.6888+0.2822i	−0.0992−0.1815i	0.9325−4.1297i
13.6	0.5929+0.0155i	−1.5475−0.3634i	−0.2019−0.3417i	0.7238+0.0642i	−1.8514−0.2814i	−2.7872+0.3278i	−0.1265−0.1620i	0.5965−4.3520i
13.7	0.6158+0.0287i	−1.5987−0.3040i	−0.1588−0.3378i	0.7438+0.0642i	−1.9041−0.2083i	−2.9031+0.3752i	−0.1204−0.1285i	−0.2880−4.6877i
13.8	0.6410+0.0267i	−1.6585−0.2575i	−0.1203−0.3158i	0.7636+0.0629i	−1.9744−0.1674i	−3.0238+0.4651i	−0.1241−0.1131i	−1.3883−4.7655i
13.9	0.6599+0.0277i	−1.7054−0.2029i	−0.0772−0.2929i	0.7859+0.0659i	−2.0391−0.1186i	−3.0911+0.5541i	−0.1448−0.0938i	−1.6384−3.9752i
14.0	0.6914+0.0361i	−1.7679−0.1150i	−0.0035−0.2627i	0.8274+0.0737i	−2.1320−0.0364i	−3.2108+0.7021i	−0.1364−0.0709i	−2.4071−3.2623i
14.1	0.7128+0.0446i	−1.8414−0.0675i	0.0678−0.2546i	0.8611+0.0811i	−2.2356+0.0161i	−3.3238+0.8297i	−0.1278−0.0530i	−3.0614−2.9405i
14.2	0.7462+0.0519i	−1.8874+0.0142i	0.1783−0.2436i	0.9191+0.0794i	−2.3224+0.1115i	−3.3815+1.0274i	−0.0900−0.0216i	−3.2339−2.5318i
14.3	0.7778+0.0567i	−1.9373+0.1108i	0.3339−0.2316i	0.9745+0.0650i	−2.4175+0.2256i	−3.3889+1.2357i	−0.0385+0.0243i	−3.4593−1.9899i
14.4	0.8106+0.0581i	−1.9997+0.1883i	0.4859−0.2429i	1.0262+0.0519i	−2.5337+0.3197i	−3.4270+1.3994i	0.0036+0.0465i	−3.4996−1.6980i
14.5	0.8633+0.0605i	−2.0752+0.2993i	0.6928−0.3052i	1.0863+0.0265i	−2.6718+0.4717i	−3.4742+1.6502i	0.0308+0.0602i	−3.3468−1.0471i
14.6	0.9044+0.0672i	−2.1481+0.4190i	0.9061−0.3877i	1.1388+0.0052i	−2.8062+0.6468i	−3.4569+1.9792i	0.0721+0.0622i	−3.5225−0.6051i
14.7	0.9539+0.0629i	−2.1406+0.5336i	1.0996−0.5342i	1.1884−0.0161i	−2.8344+0.8139i	−3.2486+2.2218i	0.1699+0.0255i	−3.0176−0.1505i
14.8	1.0225+0.0307i	−2.1121+0.6134i	1.2866−0.7374i	1.2651−0.0595i	−2.8356+0.9526i	−2.8363+2.3159i	0.2110+0.0021i	−2.3157−0.3406i
14.9	1.0646−0.0099i	−2.1179+0.6535i	1.4266−0.8939i	1.3153−0.1159i	−2.8710+1.0317i	−2.5972+2.1548i	0.2380−0.0243i	−2.4224−0.2268i
15.0	1.1164−0.0279i	−2.1772+0.6400i	1.6871−1.0877i	1.3825−0.1452i	−2.9824+1.0396i	−2.5723+1.8311i	0.2349−0.1055i	−2.4505−0.3186i
15.1	1.1607−0.0570i	−2.3756+0.5861i	2.0296−1.3744i	1.4600−0.1756i	−3.3023+0.9896i	−2.7899+1.4549i	0.2827−0.1532i	−2.6528−0.3586i
15.2	1.2057−0.0989i	−2.6921+0.7085i	2.3871−1.8192i	1.5436−0.2520i	−3.7984+1.2080i	−3.2173+1.3385i	0.1818−0.2621i	−2.7126−0.1224i
15.3	1.2376−0.1243i	−3.0012+0.9239i	2.7158−2.3375i	1.6206−0.3162i	−4.2776+1.5627i	−3.6578+1.4725i	0.2082−0.4265i	−3.1675+0.2124i
15.4	1.2504−0.1495i	−3.3007+1.3354i	2.9597−3.0989i	1.6749−0.4097i	−4.7358+2.2116i	−4.0807+1.8173i	0.0481−0.4894i	−3.0939+0.4267i
15.5	1.3051−0.1675i	−3.6091+2.0291i	3.1058−4.2888i	1.7662−0.5360i	−5.2047+3.3144i	−4.5565+2.3848i	−0.2119−0.2838i	−3.2883+1.1051i
15.6	1.3692−0.1780i	−3.8835+3.0728i	3.1292−6.0608i	1.8766−0.7014i	−5.6247+4.9788i	−5.0778+3.3038i	−0.0662+0.1381i	−3.1583+1.5986i
15.7	1.4468−0.2005i	−3.5472+4.0953i	2.1488−7.6314i	1.9099−0.8896i	−5.0819+6.6107i	−5.0698+4.3087i	0.3731+0.4425i	−2.8664+1.5876i
15.8	1.5749−0.2922i	−2.0391+5.1963i	−0.7471−8.9200i	1.8325−1.1530i	−2.6920+8.3315i	−4.1007+5.6097i	1.2190+0.5946i	−2.4112+1.8432i
15.9	1.6822−0.3593i	−0.3439+5.2989i	−3.6526−8.5688i	1.7013−1.2718i	−0.0060+8.4965i	−2.7106+6.0424i	1.9763−0.2251i	−1.7746+1.8869i
16.0	1.7752−0.4720i	0.7823+4.5976i	−5.4325−7.0660i	1.6061−1.3212i	1.7776+7.4023i	−1.7768+5.7647i	2.4605−1.2230i	−1.5937+1.9686i
16.1	1.9066−0.6008i	1.3486+3.6515i	−6.3232−5.2316i	1.6306−1.3278i	2.6681+5.9270i	−1.3513+5.2345i	2.5734−2.4917i	−1.9209+1.7178i
16.2	2.0033−0.6046i	1.3822+3.1236i	−6.3583−4.2128i	1.7266−1.2548i	2.7244+5.0935i	−1.4040+4.7875i	2.5267−3.8962i	−2.2186+2.1231i
16.3	2.2385−0.7967i	1.2840+2.6073i	−6.0173−3.0987i	1.9968−1.4008i	2.5596+4.2908i	−1.6190+4.6594i	0.6261−5.3839i	−2.2873+2.7229i
16.4	2.4168−1.0777i	1.1179+2.3589i	−5.6273−2.6587i	2.2170−1.6985i	2.2872+3.9456i	−1.8369+4.7232i	−1.5576−5.2187i	−1.9919+3.1462i
16.5	2.5308−1.5928i	1.0637+2.2009i	−5.6158−2.2960i	2.3100−2.2926i	2.2160+3.7423i	−2.1183+5.1953i	−3.3506−4.4498i	−1.4376+3.6147i
16.6	2.4421−2.0641i	1.0967+2.1286i	−5.7714−1.8745i	2.1383−2.8290i	2.2969+3.6676i	−2.1000+5.8569i	−4.6868−3.3195i	−0.6021+3.9268i
16.7	2.1184−2.6649i	1.1867+2.1018i	−5.8438−1.2216i	1.6611−3.4661i	2.5212+3.6711i	−1.6139+6.8811i	−5.2954−0.9854i	0.3013+3.8143i
16.8	1.7128−3.0154i	1.3352+1.9802i	−5.7778−0.8458i	1.1247−3.8086i	2.8580+3.5005i	−0.9033+7.4268i	−4.5084+0.2264i	0.9033+3.4626i
16.9	1.0764−3.3500i	1.4866+1.6536i	−5.8319−0.2741i	0.3278−4.0621i	3.1819+2.9711i	0.4161+8.0728i	−3.5843+0.9909i	1.1788+2.9163i
17.0	0.3283−3.2645i	1.5590+1.3940i	−5.6819+0.5678i	−0.5758−3.7944i	3.3710+2.4835i	2.1321+7.9658i	−3.0968+1.3215i	1.5166+2.5573i
17.1	−0.0068−2.9548i	1.5435+1.2053i	−5.2083+1.1447i	−0.9415−3.3089i	3.4092+2.1109i	3.0887+7.2489i	−2.8515+1.9388i	1.5851+2.3473i
17.2	−0.2721−2.7278i	1.5456+0.9491i	−4.7334+1.3050i	−1.2055−2.9409i	3.4409+1.6252i	3.8437+6.4247i	−2.0284+1.9862i	1.9099+2.0033i
17.3	−0.4633−2.4789i	1.4308+0.6558i	−4.6335+1.4884i	−1.3924−2.5362i	3.2584+1.0770i	4.3060+5.5025i	−1.9688+1.4774i	2.0584+1.5640i
17.4	−0.5225−2.3131i	1.2691+0.5056i	−4.4208+1.9318i	−1.3799−2.2314i	2.9815+0.7816i	4.4459+4.7281i	−2.0966+2.2132i	2.1803+1.3363i
17.5	−0.5967−2.2168i	1.1257+0.4302i	−4.0293+2.2215i	−1.3457−2.0660i	2.7143+0.6360i	4.4913+4.1909i	−1.4856+2.6687i	2.2459+0.8612i
17.6	−0.7167−2.1145i	0.9626+0.3890i	−3.4985+2.2988i	−1.3570−1.9527i	2.4301+0.5714i	4.5181+3.5531i	−0.5248+2.4798i	1.8385+0.1964i
17.7	−0.8612−2.0011i	0.8395+0.3754i	−3.0665+2.3160i	−1.4197−1.8355i	2.2099+0.5548i	4.5136+2.8588i	−0.0804+2.0448i	1.4146+0.2323i
17.8	−0.9631−1.9066i	0.7736+0.3831i	−2.7877+2.3304i	−1.4702−1.7465i	2.0912+0.5745i	4.4051+2.4318i	0.0608+1.7925i	1.3961+0.2976i
17.9	−1.0681−1.7677i	0.7254+0.3800i	−2.5105+2.2923i	−1.5396−1.6227i	2.0227+0.5834i	4.1980+2.0510i	0.1847+1.5463i	1.3164+0.2119i
18.0	−1.1112−1.5486i	0.6796+0.3670i	−2.2402+2.1627i	−1.5490−1.4244i	1.9533+0.5712i	3.9099+1.6971i	0.1785+1.3140i	1.2049+0.1815i
18.1	−1.1621−1.3483i	0.6369+0.3587i	−2.0222+2.0715i	−1.5826−1.2444i	1.9008+0.5747i	3.7127+1.4275i	0.1605+1.1671i	1.1321+0.1285i
18.2	−1.2036−1.1593i	0.6043+0.3462i	−1.8388+1.9877i	−1.6202−1.0669i	1.8812+0.5664i	3.5591+1.1363i	0.1793+1.0720i	1.0812+0.0271i

18.3	-1.1821-1.0184i	0.5799+0.3293i	-1.6918+1.9100i	-1.5955-0.9251i	1.8756+0.5344i	3.4184+0.9435i	0.2069+1.0197i	1.0189-0.0206i
18.4	-1.1350-0.8683i	0.5399+0.3150i	-1.5638+1.8070i	-1.5407-0.7772i	1.8368+0.5084i	3.2726+0.6970i	0.2105+0.9241i	0.9728-0.0723i
18.5	-1.0528-0.7226i	0.5124+0.3315i	-1.3899+1.6706i	-1.4454-0.6342i	1.8332+0.5201i	2.9712+0.2975i	0.2039+0.8684i	0.8753-0.1629i
18.6	-0.9640-0.6157i	0.5219+0.3406i	-1.3257+1.4496i	-1.3564-0.5479i	1.8880+0.5097i	2.3960+0.0369i	0.2370+0.7743i	0.7979-0.2530i
18.7	-0.9173-0.5728i	0.5384+0.2913i	-1.4277+1.4021i	-1.3370-0.5138i	1.9378+0.4298i	2.0710+0.3027i	0.2057+0.7026i	0.7109-0.2709i
18.8	-0.8735-0.5137i	0.5191+0.2426i	-1.4053+1.4314i	-1.3109-0.4416i	1.9360+0.3479i	2.0208+0.4486i	0.1910+0.6799i	0.6008-0.2593i
18.9	-0.8180-0.4450i	0.4776+0.2098i	-1.3460+1.4009i	-1.2659-0.3510i	1.9191+0.2635i	1.9449+0.4862i	0.2394+0.6688i	0.4950-0.1993i
19.0	-0.7548-0.3929i	0.4346+0.1884i	-1.3449+1.3535i	-1.2074-0.2816i	1.8863+0.1936i	1.8220+0.4974i	0.2027+0.6262i	0.4344-0.1527i
19.1	-0.7001-0.3691i	0.4015+0.1764i	-1.3340+1.3557i	-1.1552-0.2384i	1.8763+0.1384i	1.7541+0.5486i	0.1907+0.5942i	0.4369-0.1005i
19.2	-0.6326-0.3258i	0.3562+0.1566i	-1.2953+1.3643i	-1.0893-0.1675i	1.8522+0.0411i	1.7043+0.5935i	0.2005+0.5605i	0.4251-0.0690i
19.3	-0.5904-0.2981i	0.3180+0.1496i	-1.2664+1.3698i	-1.0423-0.1195i	1.8183-0.0180i	1.6666+0.6041i	0.2222+0.5787i	0.4059-0.0558i
19.4	-0.5530-0.2800i	0.2904+0.1442i	-1.2332+1.3950i	-0.9998-0.0839i	1.7990-0.0642i	1.6390+0.6003i	0.2510+0.5731i	0.3976-0.0428i
19.5	-0.4971-0.2621i	0.2504+0.1438i	-1.1979+1.4450i	-0.9386-0.0383i	1.7612-0.1453i	1.6114+0.6024i	0.2512+0.5390i	0.4161-0.0411i
19.6	-0.4661-0.2578i	0.2214+0.1484i	-1.1244+1.4792i	-0.8926-0.0081i	1.7159-0.2184i	1.5908+0.6038i	0.2822+0.5344i	0.4153-0.0454i
19.7	-0.4298-0.2469i	0.1897+0.1636i	-1.0096+1.5320i	-0.8322+0.0290i	1.6441-0.2687i	1.5602+0.6071i	0.3113+0.5328i	0.4076-0.0438i
19.8	-0.3928-0.2358i	0.1680+0.1739i	-0.8743+1.5493i	-0.7699+0.0589i	1.5962-0.3148i	1.5411+0.6096i	0.3546+0.5058i	0.3930-0.0464i
19.9	-0.3653-0.2325i	0.1527+0.1788i	-0.7316+1.5024i	-0.7172+0.0710i	1.5604-0.3515i	1.5247+0.6207i	0.4059+0.4645i	0.3866-0.0427i
20.0	-0.3272-0.2305i	0.1377+0.1771i	-0.6112+1.3701i	-0.6500+0.0635i	1.5095-0.3596i	1.5111+0.6084i	0.4205+0.3810i	0.3858-0.0512i
20.1	-0.2957-0.2341i	0.1152+0.1903i	-0.5778+1.2493i	-0.6028+0.0442i	1.4525-0.3378i	1.5029+0.5809i	0.4093+0.3336i	0.3741-0.0449i
20.2	-0.2704-0.2295i	0.0890+0.2036i	-0.5605+1.1620i	-0.5682+0.0349i	1.4215-0.3016i	1.5003+0.5486i	0.4008+0.2922i	0.3662-0.0349i
20.3	-0.2406-0.2304i	0.0630+0.2165i	-0.5730+1.1249i	-0.5422+0.0332i	1.4372-0.3096i	1.4770+0.5092i	0.3843+0.2827i	0.3539-0.0336i
20.4	-0.1957-0.2325i	0.0326+0.2293i	-0.5759+1.0755i	-0.5031+0.0279i	1.4487-0.3193i	1.4175+0.4929i	0.3673+0.2419i	0.3624-0.0458i
20.5	-0.1618-0.2219i	0.0047+0.2498i	-0.5600+1.0399i	-0.4779+0.0349i	1.4862-0.3199i	1.3872+0.4961i	0.3735+0.2005i	0.3891-0.0523i
20.6	-0.1271-0.2473i	-0.0227+0.2768i	-0.5538+1.0039i	-0.4558+0.0172i	1.5226-0.3649i	1.3683+0.5049i	0.3533+0.2037i	0.3918-0.0514i
20.7	-0.0928-0.2869i	-0.0466+0.3198i	-0.5532+0.9592i	-0.4377-0.0041i	1.5920-0.4382i	1.3573+0.5246i	0.3175+0.1968i	0.4081-0.0932i
20.8	-0.0751-0.3108i	-0.0642+0.3681i	-0.5477+0.9148i	-0.4286-0.0024i	1.6179-0.5356i	1.3358+0.4951i	0.3147+0.1560i	0.4061-0.1044i
20.9	-0.0594-0.3421i	-0.0674+0.4245i	-0.5658+0.9311i	-0.4163-0.0001i	1.6279-0.6397i	1.3114+0.5523i	0.2713+0.1533i	0.4196-0.1228i
21.0	-0.0461-0.3928i	-0.0694+0.5013i	-0.5521+0.9749i	-0.4072+0.0075i	1.6544-0.8371i	1.3110+0.6109i	0.2372+0.1342i	0.4350-0.1664i
21.1	-0.0559-0.4328i	-0.0370+0.5715i	-0.5447+0.9553i	-0.3945+0.0163i	1.5959-1.0020i	1.3021+0.5969i	0.2812+0.1285i	0.4144-0.2168i
21.2	-0.0716-0.4707i	0.0385+0.6267i	-0.5586+0.9394i	-0.3642+0.0177i	1.4655-1.1428i	1.2850+0.6356i	0.2468+0.0725i	0.3922-0.2531i
21.3	-0.0991-0.4860i	0.1120+0.6579i	-0.5310+0.9296i	-0.3414+0.0309i	1.3351-1.2528i	1.2884+0.6333i	0.2424+0.0709i	0.3574-0.2785i
21.4	-0.1505-0.5094i	0.2174+0.6663i	-0.4551+0.9296i	-0.3116+0.0163i	1.1159-1.3139i	1.3677+0.6700i	0.2420+0.0937i	0.2981-0.2872i
21.5	-0.1859-0.5160i	0.3006+0.6805i	-0.4121+0.9242i	-0.2889+0.0214i	0.9556-1.3696i	1.4387+0.6342i	0.2400+0.0710i	0.2688-0.3018i
21.6	-0.2159-0.5157i	0.3715+0.6372i	-0.3494+0.8727i	-0.2721-0.0121i	0.8277-1.3226i	1.5254+0.5939i	0.2374+0.0991i	0.2295-0.2868i
21.7	-0.2385-0.5048i	0.4333+0.5679i	-0.2967+0.8451i	-0.2549-0.0427i	0.7121-1.2393i	1.5633+0.5782i	0.2101+0.0767i	0.1859-0.2648i
21.8	-0.2741-0.4906i	0.4675+0.5165i	-0.2552+0.8211i	-0.2672-0.0591i	0.6278-1.1697i	1.6214+0.5831i	0.1822+0.0440i	0.1644-0.2486i
21.9	-0.3262-0.4701i	0.5129+0.4515i	-0.2432+0.7374i	-0.2917-0.0696i	0.5416-1.1356i	1.6399+0.4812i	0.1979+0.0644i	0.1396-0.2249i
22.0	-0.3383-0.4503i	0.5379+0.4014i	-0.2256+0.6976i	-0.2914-0.0740i	0.5026-1.0918i	1.7121+0.4343i	0.1681+0.0376i	0.1343-0.2174i
22.1	-0.3570-0.4232i	0.5521+0.3590i	-0.2201+0.6099i	-0.2961-0.0740i	0.4542-1.0471i	1.7166+0.3120i	0.1699+0.0407i	0.1264-0.1946i
22.2	-0.3681-0.3982i	0.5594+0.3031i	-0.2409+0.5547i	-0.3056-0.0759i	0.4368-1.0041i	1.7105+0.2321i	0.1682+0.0396i	0.1219-0.1774i
22.3	-0.3703-0.3668i	0.5715+0.2726i	-0.2823+0.5222i	-0.3091-0.0637i	0.4312-0.9629i	1.6820+0.2018i	0.1613+0.0220i	0.1165-0.1684i
22.4	-0.3721-0.3408i	0.5750+0.2274i	-0.3126+0.4719i	-0.3137-0.0564i	0.4370-0.9399i	1.6828+0.1259i	0.1363+0.0066i	0.1220-0.1558i
22.5	-0.3592-0.3167i	0.5942+0.1768i	-0.3375+0.4461i	-0.2971-0.0518i	0.4278-0.9268i	1.6817+0.0744i	0.0787+0.0098i	0.1261-0.1482i
22.6	-0.3653-0.2986i	0.6054+0.1095i	-0.3702+0.4339i	-0.3020-0.0476i	0.4344-0.9425i	1.6967-0.0191i	0.1012+0.0683i	0.1355-0.1390i
22.7	-0.3713-0.2665i	0.6167+0.0415i	-0.4049+0.4362i	-0.3083-0.0262i	0.4370-0.9723i	1.6802-0.0706i	0.1097+0.0681i	0.1439-0.1445i
22.8	-0.3552-0.2646i	0.6283-0.0199i	-0.4206+0.4219i	-0.3052-0.0345i	0.4878-1.0234i	1.7391-0.0904i	0.0837+0.1239i	0.1519-0.1453i
22.9	-0.3373-0.2521i	0.6181-0.1023i	-0.4702+0.4143i	-0.3069-0.0287i	0.5412-1.1047i	1.7122-0.1920i	0.1023+0.1242i	0.1669-0.1537i
23.0	-0.3194-0.2302i	0.5964-0.2154i	-0.5088+0.4173i	-0.2983-0.0033i	0.5409-1.2599i	1.6501-0.3479i	0.1256+0.0787i	0.1675-0.1843i
23.1	-0.3152-0.2350i	0.5141-0.3144i	-0.5016+0.4326i	-0.2920+0.0097i	0.4163-1.4521i	1.6158-0.5152i	0.0845+0.1306i	0.1579-0.2244i
23.2	-0.3172-0.2209i	0.3892-0.4414i	-0.5070+0.4608i	-0.2779+0.0297i	0.1681-1.6319i	1.4895-0.6026i	0.1240+0.1593i	0.1260-0.2516i
23.3	-0.3228-0.1982i	0.2377-0.5401i	-0.5165+0.4950i	-0.2603+0.0501i	-0.1586-1.7466i	1.3365-0.6904i	0.1487+0.1797i	0.0845-0.2692i
23.4	-0.3169-0.1940i	0.0591-0.5228i	-0.5177+0.5250i	-0.2345+0.0507i	-0.5108-1.7034i	1.1756-0.6780i	0.1660+0.1255i	0.0488-0.2592i
23.5	-0.3065-0.1814i	-0.1013-0.4176i	-0.4996+0.4989i	-0.2048+0.0392i	-0.8117-1.4326i	1.0777-0.6263i	0.1614+0.1233i	0.0180-0.2344i
23.6	-0.3017-0.1644i	-0.1770-0.3204i	-0.4896+0.4635i	-0.1953+0.0319i	-0.9353-1.1777i	1.0044-0.6014i	0.1908+0.1497i	0.0054-0.2119i
23.7	-0.2858-0.1549i	-0.2399-0.1735i	-0.5226+0.4926i	-0.1797+0.0177i	-1.0300-0.8229i	0.9386-0.5255i	0.2468+0.1632i	-0.0131-0.1828i
23.8	-0.2761-0.1520i	-0.2438-0.0924i	-0.5227+0.5147i	-0.1738+0.0080i	-1.0089-0.6265i	0.9141-0.4729i	0.2768+0.1125i	-0.0199-0.1600i
23.9	-0.2686-0.1387i	-0.2281-0.0118i	-0.5067+0.5451i	-0.1792+0.0036i	-0.9107-0.4023i	0.8966-0.4446i	0.3171+0.0848i	-0.0241-0.1448i
24.0	-0.2454-0.1309i	-0.1907+0.0341i	-0.5087+0.5570i	-0.1661+0.0031i	-0.7825-0.2842i	0.8399-0.4204i	0.3058+0.0699i	-0.0132-0.1302i
24.1	-0.2428-0.1231i	-0.1682+0.0610i	-0.4942+0.5329i	-0.1672+0.0045i	-0.7074-0.2133i	0.8465-0.4603i	0.2590+0.0322i	-0.0048-0.1238i
24.2	-0.2405-0.1122i	-0.1454+0.0803i	-0.4762+0.5414i	-0.1725+0.0039i	-0.6195-0.1405i	0.8360-0.4657i	0.2604-0.0121i	0.0006-0.1135i
24.3	-0.2145-0.1120i	-0.1219+0.0975i	-0.4624+0.5283i	-0.1582-0.0039i	-0.5128-0.1070i	0.7672-0.4747i	0.2538-0.0453i	0.0083-0.1058i
24.4	-0.2101-0.1155i	-0.1162+0.1059i	-0.4450+0.5493i	-0.1540-0.0062i	-0.4905-0.0885i	0.7682-0.4677i	0.2274-0.0987i	0.0077-0.1042i
24.5	-0.2201-0.1129i	-0.0982+0.1120i	-0.4420+0.5580i	-0.1599-0.0049i	-0.4598-0.0721i	0.7168-0.4519i	0.2383-0.1264i	0.0064-0.1087i

24.6	-0.2123-0.1073i	-0.0867+0.1164i	-0.4363+0.5887i	-0.1529-0.0009i	-0.4090-0.0560i	0.6698-0.3844i	0.1803-0.1694i	0.0032-0.0977i
24.7	-0.2021-0.1068i	-0.0760+0.1208i	-0.4275+0.5993i	-0.1468+0.0015i	-0.3738-0.0596i	0.6690-0.3250i	0.1990-0.1363i	-0.0003-0.0894i
24.8	-0.1903-0.1056i	-0.0664+0.1154i	-0.3980+0.5764i	-0.1411-0.0056i	-0.3264-0.0519i	0.6524-0.3117i	0.1893-0.0959i	-0.0021-0.0832i
24.9	-0.1804-0.0979i	-0.0648+0.1160i	-0.3634+0.5798i	-0.1308-0.0065i	-0.3028-0.0336i	0.6326-0.2747i	0.1262-0.0709i	0.0115-0.0769i
25.0	-0.1735-0.0952i	-0.0673+0.1135i	-0.3213+0.5742i	-0.1288-0.0108i	-0.2746-0.0278i	0.6355-0.2307i	0.1133-0.0862i	0.0162-0.0732i
25.1	-0.1692-0.0914i	-0.0703+0.1104i	-0.3050+0.5605i	-0.1303-0.0115i	-0.2510-0.0212i	0.6126-0.1977i	0.0935-0.1221i	0.0140-0.0656i
25.2	-0.1637-0.0852i	-0.0763+0.1092i	-0.2900+0.5590i	-0.1277-0.0083i	-0.2411-0.0143i	0.6342-0.1993i	0.0523-0.0797i	0.0100-0.0587i
25.3	-0.1550-0.0791i	-0.0772+0.1171i	-0.2806+0.5465i	-0.1231-0.0035i	-0.2237-0.0133i	0.6555-0.1991i	0.0298-0.0519i	0.0133-0.0602i
25.4	-0.1470-0.0751i	-0.0849+0.1088i	-0.2564+0.4907i	-0.1181-0.0097i	-0.2124-0.0117i	0.6616-0.1833i	0.0458-0.0897i	0.0263-0.0597i
25.5	-0.1432-0.0738i	-0.0944+0.1110i	-0.2485+0.4642i	-0.1194-0.0131i	-0.2094-0.0007i	0.6949-0.1765i	0.0206-0.0928i	0.0313-0.0541i
25.6	-0.1385-0.0727i	-0.1048+0.1180i	-0.2505+0.4485i	-0.1237-0.0119i	-0.2002+0.0016i	0.7258-0.1951i	0.0532-0.0405i	0.0269-0.0557i
25.7	-0.1305-0.0617i	-0.1071+0.1192i	-0.2382+0.4222i	-0.1211-0.0095i	-0.1839+0.0148i	0.7220-0.2200i	0.0903+0.0027i	0.0297-0.0528i
25.8	-0.1229-0.0602i	-0.1181+0.1230i	-0.2442+0.3995i	-0.1214-0.0090i	-0.1774+0.0205i	0.7338-0.2426i	0.1129+0.0195i	0.0277-0.0496i
25.9	-0.1176-0.0593i	-0.1287+0.1328i	-0.2682+0.3851i	-0.1204-0.0061i	-0.1743+0.0290i	0.7335-0.2578i	0.0906-0.0489i	0.0369-0.0500i
26.0	-0.1092-0.0550i	-0.1423+0.1431i	-0.3042+0.3793i	-0.1217-0.0017i	-0.1677+0.0371i	0.7224-0.2676i	0.0516-0.0624i	0.0397-0.0595i
26.1	-0.0990-0.0555i	-0.1535+0.1488i	-0.3178+0.3659i	-0.1175-0.0005i	-0.1596+0.0394i	0.7422-0.2680i	0.0587-0.0031i	0.0406-0.0655i
26.2	-0.0893-0.0575i	-0.1574+0.1696i	-0.3299+0.3743i	-0.1148-0.0024i	-0.1406+0.0596i	0.7348-0.2803i	0.1288-0.0298i	0.0438-0.0494i
26.3	-0.0792-0.0564i	-0.1639+0.1843i	-0.3357+0.3898i	-0.1122+0.0010i	-0.1302+0.0737i	0.7446-0.2831i	0.1167-0.0593i	0.0479-0.0465i
26.4	-0.0727-0.0526i	-0.1748+0.2047i	-0.3339+0.4037i	-0.1115+0.0091i	-0.1243+0.0857i	0.7570-0.3373i	0.1268-0.0549i	0.0554-0.0547i
26.5	-0.0656-0.0475i	-0.1787+0.2246i	-0.3334+0.4150i	-0.1091+0.0206i	-0.1133+0.0996i	0.7685-0.3711i	0.1546-0.1005i	0.0553-0.0624i
26.6	-0.0583-0.0504i	-0.1804+0.2506i	-0.3405+0.4385i	-0.1052+0.0252i	-0.1032+0.1106i	0.7759-0.4004i	0.0760-0.1065i	0.0568-0.0654i
26.7	-0.0502-0.0539i	-0.1734+0.2835i	-0.3360+0.4529i	-0.1005+0.0297i	-0.0874+0.1278i	0.7752-0.4531i	0.0548-0.1237i	0.0516-0.0833i
26.8	-0.0376-0.0550i	-0.1577+0.3052i	-0.3203+0.4576i	-0.0886+0.0321i	-0.0610+0.1428i	0.7420-0.4887i	0.0414-0.1793i	0.0529-0.0917i
26.9	-0.0320-0.0555i	-0.1455+0.3230i	-0.3151+0.4668i	-0.0825+0.0343i	-0.0348+0.1520i	0.7250-0.5232i	0.0449-0.0749i	0.0470-0.0852i
27.0	-0.0278-0.0589i	-0.1183+0.3386i	-0.2961+0.4806i	-0.0748+0.0360i	-0.0048+0.1539i	0.6902-0.5472i	0.0924-0.0384i	0.0340-0.0883i
27.1	-0.0169-0.0686i	-0.1047+0.3591i	-0.2926+0.4833i	-0.0673+0.0343i	0.0254+0.1618i	0.6625-0.5792i	0.0446-0.0232i	0.0506-0.0839i
27.2	-0.0143-0.0735i	-0.0770+0.3835i	-0.2832+0.5052i	-0.0655+0.0384i	0.0643+0.1688i	0.6301-0.6301i	-0.0102-0.0821i	0.0458-0.0851i
27.3	-0.0104-0.0700i	-0.0283+0.3789i	-0.2180+0.5154i	-0.0525+0.0455i	0.1092+0.1473i	0.5492-0.6607i	0.0534-0.1221i	0.0374-0.1009i
27.4	-0.0026-0.0715i	0.0233+0.3619i	-0.1779+0.5149i	-0.0347+0.0463i	0.1502+0.1060i	0.4461-0.6748i	0.0756-0.0543i	0.0220-0.1092i
27.5	-0.0031-0.0789i	0.0520+0.3411i	-0.1498+0.5258i	-0.0308+0.0438i	0.1716+0.0615i	0.3918-0.6769i	0.0538-0.0228i	0.0164-0.1114i
27.6	0.0011-0.0825i	0.0708+0.3241i	-0.1280+0.5288i	-0.0234+0.0453i	0.1844+0.0237i	0.3823-0.6698i	0.0552-0.0184i	0.0051-0.1074i
27.7	-0.0004-0.0906i	0.0868+0.3125i	-0.0969+0.5264i	-0.0163+0.0424i	0.1819-0.0128i	0.3477-0.6904i	0.0885-0.0535i	0.0046-0.1113i
27.8	-0.0008-0.0910i	0.0957+0.2750i	-0.0399+0.4984i	-0.0053+0.0375i	0.1603-0.0530i	0.2839-0.6894i	0.0856-0.0858i	0.0026-0.1058i
27.9	-0.0039-0.0868i	0.1064+0.2429i	0.0073+0.4725i	0.0008+0.0362i	0.1400-0.0784i	0.2223-0.6852i	0.0983-0.0790i	-0.0229-0.0947i
28.0	-0.0047-0.0915i	0.0972+0.2243i	0.0416+0.4374i	0.0094+0.0287i	0.0976-0.0986i	0.1519-0.6608i	0.0819-0.0424i	0.0009-0.0823i
28.1	-0.0022-0.0838i	0.0839+0.1992i	0.0690+0.3802i	0.0159+0.0255i	0.0706-0.0966i	0.0833-0.5739i	0.0704-0.0893i	-0.0073-0.0804i
28.2	-0.0018-0.0821i	0.0726+0.1843i	0.0811+0.3452i	0.0182+0.0194i	0.0474-0.0904i	0.0703-0.5324i	0.0268-0.0996i	-0.0036-0.0665i
28.3	0.0033-0.0808i	0.0708+0.1707i	0.0910+0.3068i	0.0254+0.0145i	0.0371-0.0884i	0.0207-0.4966i	0.0547-0.0998i	-0.0230-0.0539i
28.4	0.0063-0.0788i	0.0620+0.1670i	0.1031+0.2689i	0.0264+0.0105i	0.0240-0.0793i	0.0235-0.4513i	0.0681-0.0807i	-0.0090-0.0575i
28.5	0.0098-0.0797i	0.0456+0.1717i	0.0774+0.2175i	0.0213+0.0063i	0.0193-0.0643i	0.0395-0.4051i	0.1767-0.0106i	-0.0073-0.0606i
28.6	0.0146-0.0770i	0.0443+0.1718i	0.0661+0.1867i	0.0267+0.0051i	0.0177-0.0469i	0.0237-0.3860i	0.1685+0.0002i	-0.0144-0.0836i
28.7	0.0207-0.0771i	0.0385+0.1731i	0.0509+0.1651i	0.0301+0.0049i	0.0140-0.0445i	0.0065-0.3608i	0.1308-0.0203i	-0.0208-0.0949i
28.8	0.0231-0.0727i	0.0290+0.1597i	0.0312+0.1442i	0.0311+0.0019i	0.0098-0.0443i	0.0057-0.3129i	-0.0024+0.0002i	-0.0039-0.0695i
28.9	0.0293-0.0654i	0.0115+0.1320i	0.0383+0.1197i	0.0331-0.0049i	0.0056-0.0503i	0.0606-0.2713i	0.0913-0.0317i	0.0089-0.0466i
29.0	0.0464-0.0639i	-0.0107+0.1253i	0.0304+0.0888i	0.0417-0.0095i	0.0098-0.0405i	0.0719-0.2497i	0.0683+0.0138i	0.0026-0.0508i
29.1	0.0440-0.0691i	-0.0115+0.1254i	0.0080+0.0741i	0.0345-0.0131i	0.0058-0.0444i	0.0210-0.2393i	0.0178-0.0034i	0.0041-0.0306i
29.2	0.0511-0.0664i	-0.0188+0.1184i	-0.0002+0.0609i	0.0419-0.0133i	0.0040-0.0350i	0.0342-0.2319i	-0.0101-0.0075i	0.0019-0.0277i
29.3	0.0667-0.0652i	-0.0355+0.1170i	-0.0016+0.0437i	0.0513-0.0155i	0.0064-0.0299i	0.0567-0.2255i	-0.0871-0.0472i	0.0192-0.0368i
29.4	0.0783-0.0701i	-0.0569+0.1228i	-0.0002+0.0245i	0.0558-0.0201i	0.0090-0.0279i	0.0904-0.2142i	-0.1283-0.0960i	0.0221-0.0431i
29.5	0.0824-0.0671i	-0.0564+0.1234i	-0.0154+0.0209i	0.0592-0.0153i	0.0112-0.0225i	0.0638-0.2130i	-0.0167-0.1070i	-0.0121-0.0426i
29.6	0.0948-0.0643i	-0.0610+0.1279i	-0.0265+0.0057i	0.0663-0.0122i	0.0232-0.0191i	0.0398-0.2253i	0.0189-0.1044i	-0.0122-0.0449i
29.7	0.0974-0.0723i	-0.0789+0.1384i	-0.0492-0.0071i	0.0617-0.0193i	0.0172-0.0166i	0.0127-0.2027i	-0.0272-0.1390i	0.0093-0.0539i
29.8	0.1028-0.0765i	-0.0986+0.1343i	-0.0505-0.0213i	0.0605-0.0232i	0.0122-0.0197i	0.0206-0.1891i	-0.0224-0.0342i	0.0198-0.0530i
29.9	0.1116-0.0758i	-0.1205+0.1227i	-0.0576-0.0389i	0.0576-0.0281i	0.0131-0.0232i	0.0180-0.1762i	0.0078-0.0619i	0.0412-0.0241i
30.0	0.1156-0.0773i	-0.1236+0.1321i	-0.0651-0.0459i	0.0562-0.0268i	0.0230-0.0141i	0.0049-0.1270i	-0.0608-0.1100i	0.0185-0.0270i
30.1	0.1207-0.0772i	-0.1338+0.1341i	-0.0499-0.0488i	0.0613-0.0272i	0.0087-0.0087i	0.0209-0.1826i	-0.0586-0.2024i	0.0137-0.0300i
30.2	0.1320-0.0867i	-0.1674+0.1575i	-0.0658-0.0775i	0.0589-0.0292i	-0.0056-0.0135i	0.0254-0.1680i	-0.0534-0.2723i	0.0517-0.0016i
30.3	0.1404-0.0867i	-0.1874+0.1618i	-0.0884-0.0956i	0.0564-0.0293i	0.0072-0.0127i	-0.0373-0.1216i	-0.1355-0.3350i	0.0623+0.0013i
30.4	0.1534-0.0986i	-0.1930+0.1890i	-0.0835-0.1138i	0.0672-0.0321i	0.0166-0.0092i	-0.0098-0.1281i	-0.1933-0.0964i	0.0509-0.0314i
30.5	0.1641-0.0978i	-0.2023+0.1977i	-0.0738-0.1203i	0.0752-0.0281i	0.0105-0.0073i	0.0451-0.1382i	-0.1793-0.0652i	0.0644-0.0289i
30.6	0.1769-0.0974i	-0.2158+0.2049i	-0.0772-0.1268i	0.0846-0.0265i	0.0103-0.0126i	0.0465-0.1611i	-0.1349-0.1018i	0.0524-0.0392i
30.7	0.1820-0.1048i	-0.2195+0.1991i	-0.0837-0.1433i	0.0882-0.0372i	0.0120-0.0238i	-0.0299-0.1063i	-0.2035-0.1320i	0.0256-0.0117i
30.8	0.1902-0.1277i	-0.2360+0.2316i	-0.0921-0.1921i	0.0855-0.0477i	0.0076-0.0230i	-0.0510-0.0830i	-0.2421-0.1158i	0.0455-0.0183i

30.9	0.1886-0.1432i	-0.2351+0.2789i	-0.1270-0.2061i	0.0814-0.0430i	0.0022-0.0158i	-0.0473-0.0212i	-0.1934-0.1113i	0.0641-0.0374i
31.0	0.2038-0.1567i	-0.2808+0.3502i	-0.1286-0.2484i	0.0782-0.0340i	0.0031+0.0036i	-0.0557-0.0164i	-0.1914-0.0779i	0.0886-0.0431i
31.1	0.2031-0.1666i	-0.2980+0.3687i	-0.1351-0.2666i	0.0733-0.0371i	-0.0212+0.0030i	-0.0149-0.0143i	-0.2228-0.0084i	0.0810-0.0130i
31.2	0.1993-0.1721i	-0.2890+0.3765i	-0.1620-0.2720i	0.0682-0.0402i	-0.0204-0.0028i	-0.0035+0.0077i	-0.2403+0.0163i	0.0771-0.0040i
31.3	0.2115-0.1773i	-0.2949+0.4220i	-0.1590-0.2774i	0.0773-0.0226i	-0.0161+0.0081i	-0.0125+0.0461i	-0.3288+0.0555i	0.0480-0.0078i
31.4	0.2167-0.1877i	-0.2886+0.5119i	-0.1629-0.2830i	0.0861+0.0055i	-0.0141+0.0396i	0.0170+0.0641i	-0.2652+0.0545i	0.0807-0.0499i
31.5	0.2200-0.2017i	-0.2612+0.5167i	-0.2184-0.3094i	0.0947-0.0016i	-0.0037+0.0215i	0.0292+0.1119i	-0.0944+0.1758i	0.0911-0.0772i
31.6	0.2252-0.2155i	-0.2593+0.5657i	-0.2241-0.3079i	0.0966+0.0089i	-0.0022+0.0336i	0.0390+0.1473i	-0.0811+0.1562i	0.1086-0.0971i
31.7	0.2217-0.2427i	-0.2489+0.6592i	-0.2637-0.3423i	0.0935+0.0201i	-0.0166+0.0514i	0.1100+0.1555i	-0.1650+0.1165i	0.1380-0.0709i
31.8	0.2030-0.2694i	-0.1240+0.7213i	-0.3024-0.4038i	0.1300+0.0111i	0.0005+0.0537i	0.1324+0.1290i	-0.2032+0.0370i	0.0480-0.0814i
31.9	0.1923-0.2640i	-0.0826+0.7009i	-0.3558-0.3610i	0.1338+0.0144i	0.0062+0.0351i	0.1664+0.1750i	-0.1811-0.0356i	0.0289-0.1033i
32.0	0.1949-0.2742i	-0.0160+0.7836i	-0.3844-0.3859i	0.1604+0.0409i	0.0400+0.0530i	0.1868+0.2189i	-0.1926-0.0107i	0.0658-0.0847i
32.1	0.1752-0.2860i	0.1394+0.8078i	-0.4319-0.3752i	0.2055+0.0381i	0.0699+0.0784i	0.2286+0.1267i	-0.1299+0.1303i	0.0894-0.1061i
32.2	0.1790-0.2872i	0.1682+0.8303i	-0.4282-0.3710i	0.2241+0.0481i	0.0832+0.0815i	0.2341+0.1040i	-0.1269+0.0602i	0.0792-0.1379i
32.3	0.1413-0.2734i	0.3289+0.7029i	-0.4826-0.3398i	0.2506+0.0064i	0.1054+0.0620i	0.1791+0.0892i	-0.0289+0.1019i	-0.0163-0.1044i
32.4	0.1182-0.2793i	0.4888+0.6347i	-0.5674-0.3403i	0.2886-0.0265i	0.1343+0.0303i	0.2873+0.0663i	-0.2226+0.1103i	0.0189-0.0903i
32.5	0.1087-0.2621i	0.5873+0.5021i	-0.5861-0.3112i	0.3235-0.0636i	0.1546-0.0034i	0.3011+0.0694i	-0.1438+0.1160i	0.0184-0.1336i
32.6	0.1024-0.2635i	0.6245+0.4274i	-0.6194-0.2641i	0.3318-0.0884i	0.1535-0.0142i	0.3083+0.0727i	-0.1364+0.2234i	0.0536-0.1092i
32.7	0.1049-0.2438i	0.5719+0.2553i	-0.6312-0.2314i	0.3102-0.1446i	0.1337-0.0528i	0.2806+0.0350i	-0.1866+0.1471i	-0.0100-0.0751i
32.8	0.1007-0.2284i	0.5580+0.1753i	-0.6132-0.1749i	0.3007-0.1614i	0.1231-0.0576i	0.2592-0.0195i	-0.0865+0.1450i	-0.0226-0.1143i
32.9	0.1091-0.2135i	0.5451+0.1175i	-0.6087-0.1762i	0.3056-0.1695i	0.1263-0.0676i	0.2405+0.0146i	0.0071+0.1145i	-0.0139-0.1137i
33.0	0.1197-0.2092i	0.4843+0.0862i	-0.6136-0.1630i	0.2938-0.1781i	0.0979-0.0738i	0.3111-0.0103i	0.0420+0.1659i	0.0068-0.1066i
33.1	0.1437-0.2075i	0.3604+0.0363i	-0.6305-0.1183i	0.2654-0.1947i	0.0535-0.0734i	0.3397-0.0909i	0.0582+0.2408i	0.0470-0.0989i
33.2	0.1326-0.1929i	0.3633-0.0228i	-0.5636-0.1017i	0.2571-0.2057i	0.0736-0.0671i	0.2075-0.0766i	-0.0094+0.1610i	-0.0282-0.0839i
33.3	0.1435-0.2011i	0.3538-0.0427i	-0.5266-0.1030i	0.2651-0.2229i	0.0773-0.0714i	0.1840-0.0718i	-0.0610+0.1336i	-0.0290-0.0440i
33.4	0.1472-0.1888i	0.2780-0.0712i	-0.5405-0.0752i	0.2361-0.2201i	0.0565-0.0727i	0.2178-0.1022i	0.0277+0.1639i	0.0043-0.0600i
33.5	0.1749-0.1856i	0.1440-0.0270i	-0.5423-0.1048i	0.2036-0.1997i	0.0396-0.0619i	0.2255-0.0754i	0.0187+0.2630i	0.0659-0.0323i
33.6	0.1843-0.1826i	0.1474+0.0230i	-0.4799-0.1285i	0.2152-0.1790i	0.0573-0.0423i	0.0941-0.0806i	-0.0521+0.2427i	0.0108-0.0037i
33.7	0.1910-0.1750i	0.0445-0.0898i	-0.5144-0.1517i	0.1810-0.2216i	0.0424-0.0583i	0.1392-0.0278i	-0.1023+0.2077i	0.0384+0.0283i
33.8	0.1884-0.1831i	0.0119-0.0995i	-0.5668-0.1377i	0.1583-0.2278i	0.0326-0.0672i	0.1289+0.0143i	-0.0704+0.1722i	0.0660+0.0483i
33.9	0.2258-0.1792i	-0.0030+0.0249i	-0.5393-0.1282i	0.1920-0.1663i	0.0299-0.0461i	0.1502-0.0221i	0.0116+0.0681i	0.0859-0.0142i
34.0	0.2145-0.1809i	0.0301+0.0028i	-0.4751-0.1361i	0.2001-0.1811i	0.0435-0.0453i	0.0872+0.0119i	-0.0369+0.0585i	0.0360-0.0335i
34.1	0.1960-0.2033i	0.0527+0.0933i	-0.4669-0.0229i	0.1913-0.1494i	0.0295-0.0231i	0.0792-0.1484i	0.0367+0.0183i	0.0309-0.1326i
34.2	0.2235-0.2024i	0.1109+0.1037i	-0.4440-0.0632i	0.2511-0.1384i	0.0429-0.0248i	0.0726-0.1931i	0.0393-0.0004i	0.0099-0.1959i
34.3	0.2559-0.1985i	0.0226+0.0721i	-0.4744-0.0908i	0.2352-0.1518i	0.0418-0.0293i	0.1527+0.0045i	0.0666+0.1538i	0.0909-0.0963i
34.4	0.2700-0.2230i	-0.0872+0.1700i	-0.5729+0.0167i	0.1919-0.1263i	0.0113-0.0129i	0.3145-0.0910i	0.1095+0.1663i	0.1797-0.1092i
34.5	0.2828-0.2124i	-0.0399+0.1553i	-0.5045-0.0358i	0.2328-0.1291i	0.0292-0.0047i	0.2130-0.1248i	0.1281+0.0765i	0.1224-0.1313i
34.6	0.3149-0.2341i	-0.1109+0.2241i	-0.5479+0.0118i	0.2260-0.1108i	0.0315-0.0063i	0.3246-0.1528i	-0.0053+0.1812i	0.1734-0.1603i
34.7	0.3030-0.2476i	-0.0893+0.2494i	-0.5162+0.0487i	0.2319-0.1108i	0.0304-0.0100i	0.2870-0.2317i	-0.0418+0.1669i	0.1449-0.1988i
34.8	0.3065-0.2531i	-0.0243+0.2712i	-0.4085+0.0357i	0.2794-0.1019i	0.0357-0.0164i	0.1928-0.3255i	-0.0102+0.0893i	0.1164-0.2460i
34.9	0.3219-0.2601i	0.0058+0.2514i	-0.3765-0.0141i	0.3141-0.1212i	0.0423-0.0221i	0.1436-0.3099i	-0.0058+0.0250i	0.0911-0.2542i
35.0	0.3322-0.2797i	0.0246+0.2260i	-0.3892-0.0499i	0.3385-0.1541i	0.0347-0.0218i	0.0580-0.3092i	0.0256+0.0319i	0.0624-0.2674i
35.1	0.3524-0.3007i	0.0185+0.2831i	-0.4004-0.0228i	0.3570-0.1411i	0.0357-0.0294i	0.0407-0.2980i	0.0741+0.1052i	0.0684-0.2704i
35.2	0.3651-0.3086i	0.0224+0.3017i	-0.3368-0.0291i	0.3744-0.1348i	0.0352-0.0346i	0.0481-0.2635i	0.0777+0.1314i	0.0548-0.2641i
35.3	0.3866-0.3462i	0.0287+0.3091i	-0.3767-0.0772i	0.4054-0.1783i	0.0196-0.0402i	-0.0475-0.3197i	-0.0378+0.1384i	0.0059-0.2791i
35.4	0.3999-0.3323i	0.0087+0.2955i	-0.3638-0.1399i	0.4081-0.1838i	0.0153-0.0310i	-0.0576-0.3464i	-0.0553+0.0966i	-0.0171-0.2385i
35.5	0.3345-0.3307i	0.1750+0.2898i	-0.2205-0.2000i	0.4386-0.1899i	0.0154-0.0401i	-0.1683-0.3812i	0.1335-0.0052i	-0.0679-0.2418i
35.6	0.3720-0.3577i	0.1469+0.2746i	-0.3070-0.2089i	0.4647-0.2216i	0.0066-0.0436i	-0.2275-0.3001i	0.0737+0.0554i	-0.0726-0.2263i
35.7	0.3985-0.3935i	0.1286+0.2862i	-0.3969-0.2117i	0.4812-0.2663i	0.0084-0.0228i	-0.2544-0.2421i	0.0154+0.1086i	-0.0779-0.2064i
35.8	0.3731-0.4464i	0.1245+0.3495i	-0.4037-0.1497i	0.4452-0.2872i	-0.0024-0.0205i	-0.2303-0.2301i	0.0816+0.1899i	-0.0607-0.1880i
35.9	0.4152-0.4371i	0.1270+0.2596i	-0.4599-0.2839i	0.4790-0.3279i	-0.0086-0.0306i	-0.3528-0.1410i	-0.0503+0.1083i	-0.0728-0.1859i
36.0	0.4158-0.4172i	0.1384+0.1865i	-0.5070-0.3425i	0.4966-0.3483i	-0.0079-0.0103i	-0.3824-0.0888i	-0.1178+0.0356i	-0.0981-0.2026i
36.1	0.4399-0.4462i	0.1339+0.1929i	-0.5256-0.2639i	0.5212-0.3766i	-0.0195+0.0088i	-0.3875-0.0414i	-0.0890+0.0680i	-0.0817-0.1624i
36.2	0.4409-0.4928i	0.1061+0.2062i	-0.5522-0.2388i	0.4990-0.4201i	-0.0156+0.0106i	-0.3675-0.0102i	-0.0967+0.1140i	-0.0965-0.1234i
36.3	0.4499-0.4831i	0.1113+0.1705i	-0.5361-0.2714i	0.5115-0.4303i	-0.0164+0.0209i	-0.3678+0.0353i	-0.1168+0.0951i	-0.1002-0.1272i
36.4	0.4420-0.5159i	0.1117+0.2091i	-0.4917-0.2530i	0.5005-0.4344i	-0.0194+0.0308i	-0.3456+0.0966i	-0.0050+0.1084i	-0.0598-0.1185i
36.5	0.4814-0.5298i	0.1040+0.1868i	-0.4999-0.2591i	0.5349-0.4731i	-0.0231+0.0375i	-0.3937+0.1094i	0.0264+0.1379i	-0.0450-0.1180i
36.6	0.4819-0.5720i	0.1070+0.1799i	-0.5194-0.2619i	0.5273-0.5275i	-0.0046+0.0559i	-0.4472+0.1260i	0.0153+0.1572i	-0.0293-0.1091i
36.7	0.4722-0.6086i	0.0713+0.2020i	-0.5366-0.2842i	0.4859-0.5378i	0.0157+0.0642i	-0.4146+0.2570i	0.0040+0.1812i	-0.0217-0.0960i
36.8	0.4864-0.6355i	0.0507+0.1934i	-0.5514-0.2851i	0.4906-0.5648i	0.0145+0.0665i	-0.3971+0.3012i	0.0175+0.1663i	-0.0190-0.0996i
36.9	0.5062-0.6767i	0.0679+0.2063i	-0.5664-0.3245i	0.5212-0.5971i	0.0100+0.0595i	-0.4034+0.3719i	-0.0164+0.1392i	0.0026-0.1026i
37.0	0.5050-0.7157i	0.0729+0.2226i	-0.5883-0.3304i	0.5263-0.6283i	0.0151+0.0678i	-0.3504+0.3601i	-0.0347+0.1315i	0.0309-0.1053i
37.1	0.4896-0.7697i	0.0840+0.2391i	-0.5800-0.3264i	0.5193-0.6722i	0.0295+0.0849i	-0.3219+0.3924i	-0.0235+0.1541i	0.0353-0.1106i

37.2	0.4752-0.7894i	0.1344+0.2114i	-0.6119-0.3531i	0.5383-0.7055i	0.0226+0.0828i	-0.3007+0.4265i	-0.0032+0.1379i	0.0861-0.1333i
37.3	0.4604-0.8956i	0.0879+0.2154i	-0.6377-0.3668i	0.4894-0.8087i	0.0465+0.1038i	-0.2910+0.5375i	-0.0112+0.1624i	0.0489-0.1828i
37.4	0.4133-0.9810i	0.0694+0.2852i	-0.6773-0.3687i	0.4313-0.8441i	0.0823+0.1087i	-0.1990+0.6059i	-0.0003+0.1981i	0.0098-0.1331i
37.5	0.3888-0.9991i	0.0962+0.2528i	-0.7306-0.3582i	0.4303-0.8821i	0.0723+0.1212i	-0.1199+0.6117i	0.0653+0.1890i	0.0417-0.1882i
37.6	0.3404-0.9906i	0.1462+0.2287i	-0.7149-0.3524i	0.4214-0.8887i	0.0878+0.1254i	-0.0976+0.6221i	0.0398+0.1735i	0.0725-0.2245i
37.7	0.3326-1.0200i	0.1635+0.2235i	-0.7389-0.3346i	0.4289-0.9174i	0.0980+0.1484i	-0.0602+0.5856i	0.0244+0.1762i	0.1150-0.2561i
37.8	0.2854-1.0340i	0.1946+0.2338i	-0.7373-0.3351i	0.4088-0.9250i	0.1220+0.1338i	0.0069+0.5967i	0.0637+0.2215i	0.1311-0.2592i
37.9	0.1933-1.0997i	0.2146+0.2355i	-0.7639-0.3256i	0.3345-0.9903i	0.1611+0.1359i	0.0655+0.6245i	0.0696+0.2651i	0.1074-0.2744i
38.0	0.1606-1.0807i	0.2542+0.2114i	-0.7543-0.3184i	0.3383-0.9909i	0.1935+0.1137i	0.0598+0.5724i	0.0865+0.2553i	0.1289-0.2803i
38.1	0.1529-1.0745i	0.2479+0.2021i	-0.7857-0.2982i	0.3349-0.9936i	0.2004+0.1049i	0.1203+0.5277i	0.0796+0.1860i	0.1276-0.2875i
38.2	0.0377-1.0596i	0.2839+0.1839i	-0.8233-0.2652i	0.2502-0.9964i	0.2335+0.0857i	0.1935+0.5044i	0.1212+0.1832i	0.1256-0.3240i
38.3	-0.0126-1.0440i	0.2822+0.1496i	-0.8414-0.2494i	0.2009-1.0065i	0.2496+0.0703i	0.2516+0.5057i	0.0972+0.1725i	0.0961-0.3571i
38.4	-0.0225-1.0204i	0.2956+0.1039i	-0.8586-0.2115i	0.2061-1.0298i	0.2634+0.0504i	0.2308+0.4428i	0.1104+0.1621i	0.1246-0.3845i
38.5	-0.0142-1.0085i	0.2993+0.0803i	-0.8380-0.1740i	0.2194-1.0441i	0.2662+0.0406i	0.1862+0.3630i	0.1431+0.1876i	0.1506-0.4230i
38.6	-0.0420-0.9990i	0.2859+0.0614i	-0.8630-0.1749i	0.1785-1.0597i	0.2787-0.0019i	0.2103+0.3347i	0.1361+0.1957i	0.1180-0.4080i
38.7	-0.0824-1.0100i	0.2762+0.0359i	-0.8812-0.1244i	0.1280-1.0945i	0.2714-0.0225i	0.2376+0.2625i	0.1021+0.2172i	0.1153-0.4430i
38.8	-0.0557-1.0192i	0.2573-0.0212i	-0.8530-0.1161i	0.1387-1.1578i	0.2704-0.0327i	0.1542+0.2117i	0.1036+0.2495i	0.1194-0.5585i
38.9	-0.0192-0.9948i	0.2009-0.0612i	-0.7859-0.0941i	0.1216-1.1757i	0.2722-0.0556i	-0.0035+0.1661i	0.1800+0.2107i	0.0583-0.6196i
39.0	-0.0338-0.9861i	0.1958-0.0633i	-0.7651-0.0778i	0.1010-1.1705i	0.2670-0.0707i	-0.0362+0.1691i	0.1374+0.1768i	0.0320-0.6086i
39.1	-0.0806-0.9913i	0.1437-0.0853i	-0.7611-0.0710i	0.0059-1.1980i	0.2672-0.0910i	-0.0814+0.2033i	0.1388+0.1399i	-0.0755-0.6588i
39.2	-0.0886-1.0089i	0.1118-0.0965i	-0.7215-0.0895i	-0.0355-1.2224i	0.2514-0.1052i	-0.1776+0.2543i	0.1515+0.1279i	-0.1473-0.6998i
39.3	-0.0977-1.0635i	0.0611-0.0869i	-0.7146-0.1188i	-0.0863-1.2772i	0.2581-0.1346i	-0.2342+0.3646i	0.1370+0.0798i	-0.2588-0.7256i
39.4	-0.1171-1.0622i	0.0219-0.1072i	-0.6570-0.1334i	-0.1512-1.2969i	0.2500-0.1504i	-0.3452+0.4296i	0.1456+0.0896i	-0.3254-0.7657i
39.5	-0.1656-1.0934i	-0.0115-0.0669i	-0.7064-0.1713i	-0.2338-1.2888i	0.2306-0.1769i	-0.2694+0.5561i	0.1618+0.0956i	-0.3999-0.6831i
39.6	-0.1861-1.1407i	-0.0365-0.0402i	-0.7167-0.2292i	-0.2826-1.3134i	0.2194-0.1932i	-0.2660+0.7102i	0.1777+0.0976i	-0.4577-0.6801i
39.7	-0.2508-1.1236i	-0.0381-0.0370i	-0.7106-0.2667i	-0.3514-1.2940i	0.1954-0.2003i	-0.2141+0.7715i	0.1825+0.0889i	-0.5132-0.7206i
39.8	-0.2688-1.1211i	-0.0689-0.0340i	-0.7509-0.2557i	-0.3889-1.2926i	0.1812-0.2188i	-0.1268+0.7889i	0.1310+0.0865i	-0.6345-0.7220i
39.9	-0.3197-1.0977i	-0.0967-0.0072i	-0.8125-0.2352i	-0.4735-1.2485i	0.1596-0.2330i	-0.0516+0.7791i	0.1400+0.0793i	-0.7067-0.6284i
40.0	-0.3719-1.1232i	-0.1340+0.0274i	-0.8335-0.2518i	-0.5623-1.2407i	0.1482-0.2377i	0.0027+0.8607i	0.1731+0.0685i	-0.8061-0.5377i
40.1	-0.4067-1.1066i	-0.1577+0.0533i	-0.8724-0.2703i	-0.6234-1.1940i	0.1283-0.2383i	0.0640+0.9212i	0.1251+0.0779i	-0.9120-0.4536i
40.2	-0.4039-1.0751i	-0.1887+0.0789i	-0.8920-0.2744i	-0.6381-1.1372i	0.1353-0.2393i	0.1002+0.9532i	0.1294+0.0958i	-1.0217-0.3690i
40.3	-0.4172-1.0419i	-0.2040+0.1174i	-0.9186-0.2531i	-0.6629-1.0678i	0.1277-0.2410i	0.1654+0.9545i	0.1334+0.0692i	-1.0637-0.2452i
40.4	-0.4686-1.0544i	-0.2317+0.1522i	-0.9673-0.2366i	-0.7427-1.0511i	0.1076-0.2378i	0.2726+0.9616i	0.1191+0.0709i	-1.1500-0.1507i
40.5	-0.4831-1.0254i	-0.2221+0.1758i	-0.9185-0.2143i	-0.7478-1.0058i	0.0938-0.2346i	0.2163+0.9243i	0.1058+0.1096i	-1.1019-0.0588i
40.6	-0.4916-1.0202i	-0.1891+0.2417i	-0.9390-0.1880i	-0.7382-0.9544i	0.0861-0.2465i	0.2788+0.9420i	0.1203+0.1197i	-1.0247+0.1425i
40.7	-0.5048-1.0111i	-0.1794+0.2632i	-0.9538-0.2047i	-0.7477-0.9195i	0.0916-0.2491i	0.3375+0.9587i	0.1205+0.1036i	-1.0222+0.1998i
40.8	-0.5290-0.9754i	-0.1382+0.2835i	-0.9330-0.1531i	-0.7366-0.8637i	0.0662-0.2469i	0.4019+0.8775i	0.1058+0.0929i	-0.9043+0.3114i
40.9	-0.5620-0.9773i	-0.1275+0.3441i	-0.9336-0.1325i	-0.7695-0.8286i	0.0493-0.2589i	0.4254+0.8677i	0.0991+0.0993i	-0.8718+0.4713i
41.0	-0.5885-0.9870i	-0.0683+0.3774i	-0.8990-0.1757i	-0.7666-0.8125i	0.0479-0.2689i	0.4030+0.9330i	0.0759+0.1188i	-0.7406+0.5044i
41.1	-0.6199-0.9565i	-0.0322+0.3295i	-0.9349-0.2187i	-0.7718-0.7976i	0.0288-0.2784i	0.4891+0.9881i	0.0892+0.0908i	-0.6366+0.4224i
41.2	-0.6142-0.9386i	-0.0468+0.3417i	-1.0262-0.1723i	-0.7665-0.7695i	0.0125-0.2707i	0.6583+0.9344i	0.0722+0.0972i	-0.6835+0.4992i
41.3	-0.6397-0.9318i	-0.0142+0.3584i	-1.0232-0.1103i	-0.7742-0.7465i	0.0167-0.2807i	0.7002+0.8343i	0.0925+0.1107i	-0.6703+0.6173i
41.4	-0.6428-0.9288i	-0.0018+0.3490i	-1.0149-0.1250i	-0.7763-0.7378i	0.0089-0.2849i	0.6594+0.8402i	0.1244+0.0964i	-0.6359+0.6077i
41.5	-0.6518-0.9201i	0.0181+0.3313i	-0.9873-0.1321i	-0.7738-0.7234i	-0.0153-0.2830i	0.6471+0.8919i	0.1253+0.1153i	-0.5210+0.5851i
41.6	-0.6645-0.8869i	0.0130+0.3230i	-0.9698-0.1213i	-0.7713-0.6935i	-0.0452-0.2756i	0.7016+0.7944i	0.1245+0.1236i	-0.4347+0.6068i
41.7	-0.7102-0.8586i	0.0440+0.3285i	-0.9076-0.1067i	-0.7911-0.6653i	-0.0735-0.2556i	0.6400+0.7275i	0.1210+0.1026i	-0.2811+0.5352i
41.8	-0.7371-0.8691i	0.0631+0.3277i	-0.9415-0.1172i	-0.7874-0.6693i	-0.1044-0.2494i	0.7465+0.7767i	0.1233+0.0603i	-0.2455+0.4970i
41.9	-0.7354-0.8167i	0.0602+0.3162i	-0.9649-0.1455i	-0.7864-0.6296i	-0.1130-0.2220i	0.7704+0.7351i	0.0821+0.0588i	-0.3238+0.4674i
42.0	-0.6971-0.8084i	0.0424+0.3607i	-0.9605-0.1185i	-0.7629-0.5999i	-0.0984-0.2142i	0.6648+0.7334i	0.0575+0.1070i	-0.2936+0.5381i
42.1	-0.7127-0.8519i	0.0808+0.3885i	-0.9698-0.1391i	-0.7550-0.6145i	-0.1032-0.2226i	0.7181+0.8693i	0.0795+0.1192i	-0.2405+0.5561i
42.2	-0.7478-0.8539i	0.1237+0.3883i	-1.0143-0.1872i	-0.7607-0.6107i	-0.1044-0.2151i	0.8927+0.8892i	0.0658+0.1335i	-0.2607+0.5359i
42.3	-0.7815-0.8220i	0.1601+0.3827i	-1.0475-0.1907i	-0.7684-0.5866i	-0.0992-0.2056i	0.9665+0.7735i	0.0658+0.1370i	-0.2489+0.5793i
42.4	-0.7852-0.8302i	0.1979+0.3500i	-1.0852-0.2181i	-0.7378-0.6074i	-0.1068-0.2179i	0.9932+0.8409i	0.0612+0.1741i	-0.1827+0.5409i
42.5	-0.8157-0.8023i	0.2446+0.3203i	-1.1216-0.1387i	-0.7348-0.6075i	-0.1343-0.2092i	1.0704+0.6313i	0.1425+0.1679i	-0.0670+0.5207i
42.6	-0.8353-0.7512i	0.2614+0.2746i	-1.0772-0.1173i	-0.7511-0.5845i	-0.1425-0.2034i	0.9723+0.5388i	0.1597+0.1447i	-0.0060+0.4843i
42.7	-0.8610-0.7180i	0.2783+0.1998i	-1.0536-0.1148i	-0.7546-0.5987i	-0.1654-0.1909i	0.9518+0.5086i	0.1442+0.1419i	0.0896+0.3871i
42.8	-0.8811-0.6717i	0.2354+0.1556i	-1.0316-0.1601i	-0.7867-0.5815i	-0.1956-0.1788i	0.9213+0.4827i	0.1363+0.1384i	0.1224+0.3266i
42.9	-0.8374-0.6178i	0.1665+0.1848i	-1.1490-0.1856i	-0.7814-0.5218i	-0.1937-0.1331i	0.9533+0.4994i	0.1109+0.1682i	-0.0197+0.2613i
43.0	-0.8241-0.6308i	0.2024+0.2147i	-1.1607-0.0920i	-0.7613-0.5223i	-0.1762-0.1117i	0.9588+0.4373i	0.1530+0.1534i	0.0069+0.3050i
43.1	-0.8485-0.6489i	0.2394+0.1749i	-1.1298-0.0437i	-0.7629-0.5554i	-0.1666-0.1229i	0.9664+0.3931i	0.2035+0.1692i	0.0473+0.3109i
43.2	-0.8248-0.6472i	0.1968+0.0955i	-1.1500-0.0796i	-0.7599-0.5911i	-0.1926-0.1363i	0.9611+0.4904i	0.1905+0.1811i	0.0160+0.2130i
43.3	-0.8305-0.6567i	0.0980+0.1229i	-1.2097-0.0430i	-0.8083-0.6079i	-0.2234-0.0863i	1.0642+0.4139i	0.1900+0.1403i	-0.0915+0.1937i
43.4	-0.8653-0.6446i	0.1097+0.1856i	-1.1568+0.0205i	-0.8505-0.5774i	-0.1765-0.0349i	0.9314+0.2630i	0.1557+0.1484i	-0.0809+0.2103i

43.5	−0.8458−0.6396i	0.1311+0.2289i	−1.1273−0.0228i	−0.8393−0.5437i	−0.1322−0.0314i	0.7376+0.3829i	0.1735+0.1649i	−0.0608+0.2373i
43.6	−0.8497−0.6610i	0.1820+0.2135i	−1.2478−0.0685i	−0.8053−0.5593i	−0.1422−0.0688i	0.9738+0.6266i	0.2418+0.1652i	−0.0803+0.1835i
43.7	−0.8613−0.6687i	0.1678+0.1900i	−1.2901+0.0772i	−0.8268−0.5849i	−0.1601−0.0769i	1.1343+0.4444i	0.2479+0.1495i	−0.1386+0.2761i
43.8	−0.8893−0.6735i	0.1549+0.1985i	−1.1567+0.1570i	−0.8731−0.5849i	−0.1431−0.0613i	0.9808+0.3360i	0.2921+0.1440i	−0.0413+0.3163i
43.9	−0.9579−0.6516i	0.1773+0.2029i	−1.0724+0.0752i	−0.9294−0.5617i	−0.1252−0.0471i	0.9685+0.4122i	0.2702+0.1345i	−0.0068+0.2664i
44.0	−1.0057−0.6143i	0.2051+0.1845i	−1.0556+0.0132i	−0.9635−0.5330i	−0.1321−0.0366i	1.0342+0.4426i	0.2774+0.1079i	−0.0241+0.1774i
44.1	−1.0342−0.5730i	0.2164+0.1831i	−1.0712−0.0316i	−0.9944−0.4880i	−0.1242−0.0386i	1.0688+0.3737i	0.2642+0.1311i	−0.0322+0.2386i
44.2	−0.9935−0.5505i	0.1698+0.1468i	−1.1747−0.0613i	−0.9570−0.4717i	−0.1489−0.0703i	1.1672+0.5593i	0.2813+0.1273i	−0.0693+0.1983i
44.3	−1.0238−0.5147i	0.2395+0.2038i	−1.2699−0.0998i	−0.9522−0.4314i	−0.1439−0.0498i	1.4078+0.4219i	0.3153+0.1596i	−0.0718+0.2199i
44.4	−1.0289−0.4604i	0.3039+0.1133i	−1.3757−0.0056i	−0.9401−0.4194i	−0.1337−0.0792i	1.4662+0.1159i	0.3569+0.1174i	−0.0591+0.2551i
44.5	−0.9855−0.4527i	0.2108+0.0344i	−1.3608+0.2042i	−0.9472−0.4408i	−0.1790−0.0851i	1.2627−0.0956i	0.3717+0.0952i	−0.0106+0.3213i
44.6	−0.9755−0.4647i	0.1297+0.0562i	−1.2619+0.2407i	−0.9743−0.4472i	−0.2087−0.0462i	1.1455−0.0529i	0.3673+0.0822i	−0.0076+0.2765i
44.7	−0.9870−0.4785i	0.2052+0.1165i	−1.1672+0.2584i	−0.9799−0.4323i	−0.1651−0.0065i	0.9511−0.0749i	0.3464+0.0481i	0.0319+0.2419i
44.8	−1.0034−0.4587i	0.2562+0.0300i	−1.1176+0.2376i	−0.9692−0.4239i	−0.1458−0.0347i	0.8494+0.0114i	0.2739+0.0373i	0.0542+0.2023i
44.9	−1.0173−0.4508i	0.1706+0.0043i	−1.0335+0.1115i	−0.9983−0.4098i	−0.1757−0.0553i	0.8288+0.2492i	0.2633+0.0423i	0.0642+0.1272i
45.0	−1.0283−0.4020i	0.1594+0.0611i	−1.1638+0.0104i	−1.0000−0.3399i	−0.1977−0.0240i	1.1178+0.3037i	0.2612+0.0165i	−0.0135+0.1137i
45.1	−1.0211−0.3939i	0.1773+0.0401i	−1.2699+0.1813i	−0.9891−0.3524i	−0.1868−0.0080i	1.2703−0.0223i	0.2872+0.0441i	−0.0185+0.2453i
45.2	−1.0091−0.3920i	0.1478+0.0096i	−1.2109+0.2343i	−0.9849−0.3702i	−0.1914−0.0094i	1.0691−0.1390i	0.3178+0.0518i	0.0410+0.2296i
45.3	−1.0132−0.3740i	0.1113+0.0268i	−1.1721+0.2224i	−0.9963−0.3550i	−0.2160+0.0008i	1.0195−0.0884i	0.2740+0.0373i	0.0416+0.1773i
45.4	−1.0377−0.3511i	0.1011+0.0751i	−1.1002+0.2730i	−1.0332−0.3194i	−0.1899+0.0478i	0.9631−0.2101i	0.2773−0.0142i	0.0127+0.1613i
45.5	−1.0719−0.3181i	0.1505+0.0664i	−0.9996+0.1314i	−1.0529−0.2751i	−0.1484+0.0402i	0.8106−0.0438i	0.2742−0.0557i	0.0011+0.1153i
45.6	−1.0327−0.3041i	0.1432+0.0009i	−1.1539+0.1279i	−1.0124−0.2932i	−0.1766+0.0032i	0.9221−0.0011i	0.2563−0.0423i	0.0092+0.1368i
45.7	−1.0296−0.3307i	0.1014+0.0241i	−1.1466+0.2436i	−1.0310−0.3153i	−0.2186+0.0305i	0.9287−0.0718i	0.2699−0.0513i	0.0418+0.1439i
45.8	−1.0126−0.2712i	0.0594+0.0289i	−1.1787+0.1306i	−1.0287−0.2572i	−0.2103+0.0434i	0.9993−0.0699i	0.2584−0.0559i	−0.0829+0.1477i
45.9	−0.9584−0.2692i	0.0523+0.0612i	−1.2826+0.1984i	−0.9779−0.2517i	−0.2225+0.0611i	0.9660−0.2213i	0.2756−0.0424i	−0.0575+0.1879i
46.0	−0.9713−0.2803i	0.0554+0.0592i	−1.1533+0.2915i	−0.9919−0.2638i	−0.2102+0.0773i	0.7289−0.2848i	0.2270−0.0054i	0.0187+0.1703i
46.1	−0.9616−0.2783i	0.0254+0.0880i	−1.1669+0.2580i	−0.9976−0.2613i	−0.2124+0.0845i	0.7665−0.1323i	0.2415−0.0049i	0.0172+0.2265i
46.2	−0.9817−0.3276i	0.0576+0.1034i	−1.1802+0.3976i	−1.0319−0.3153i	−0.2112+0.1150i	0.8674−0.2543i	0.3032−0.0377i	0.1006+0.2328i
46.3	−1.0299−0.3147i	0.0504+0.0948i	−1.0045+0.3521i	−1.1039−0.2762i	−0.2272+0.1180i	0.6798−0.2091i	0.2534−0.0722i	0.1205+0.1170i
46.4	−1.0264−0.3045i	−0.0110+0.1600i	−1.0483+0.2011i	−1.1124−0.2336i	−0.2637+0.1836i	0.8304−0.0886i	0.3007−0.0173i	0.0602+0.0960i
46.5	−1.0572−0.3566i	0.1076+0.2792i	−1.0759+0.2344i	−1.1079−0.2418i	−0.1884+0.2835i	0.7914−0.2600i	0.2681−0.0859i	0.0436+0.0977i
46.6	−1.1234−0.3240i	0.2846+0.1600i	−1.0774+0.2252i	−1.0972−0.2411i	−0.0553+0.2394i	0.6392−0.2202i	0.2393−0.0956i	0.0597+0.0903i
46.7	−1.1477−0.2825i	0.2570+0.0221i	−1.0581+0.2921i	−1.1280−0.2463i	−0.0479+0.1841i	0.6273−0.2134i	0.1926−0.0546i	0.0392+0.1095i
46.8	−1.1590−0.2138i	0.2009+0.0267i	−0.9940+0.2068i	−1.1623−0.1686i	−0.0699+0.1516i	0.3940−0.1714i	0.1626−0.0160i	0.0044+0.1071i
46.9	−1.1124−0.1933i	0.2115+0.0069i	−1.0712+0.1446i	−1.1189−0.1587i	−0.0879+0.1345i	0.3883+0.0351i	0.2059+0.0142i	0.0558+0.0837i
47.0	−1.0627−0.2009i	0.1711−0.0547i	−1.2088+0.1916i	−1.0989−0.1862i	−0.1009+0.1305i	0.6184+0.0113i	0.2870+0.0301i	0.0981+0.0959i
47.1	−1.0833−0.2410i	0.0850−0.0270i	−1.1435+0.2952i	−1.1483−0.1952i	−0.1182+0.1575i	0.4625−0.1372i	0.2256−0.0329i	0.0352+0.0733i
47.2	−1.1540−0.2583i	0.1201+0.0570i	−1.0280+0.3128i	−1.1844−0.1698i	−0.1045+0.1975i	0.2404+0.0449i	0.1912−0.0540i	0.0426+0.0823i
47.3	−1.2075−0.2286i	0.1609−0.0150i	−0.9552+0.2914i	−1.2215−0.1755i	−0.0809+0.1881i	0.3437+0.2372i	0.2112−0.0529i	0.0380−0.0028i
47.4	−1.2474−0.1654i	0.1276−0.0732i	−0.8723+0.1804i	−1.2735−0.1492i	−0.0715+0.1758i	0.4151+0.3537i	0.2041−0.0777i	0.0257−0.0905i
47.5	−1.2331−0.1132i	0.1098−0.1168i	−0.9017+0.0759i	−1.2705−0.1148i	−0.0898+0.1729i	0.4589+0.4204i	0.2249−0.0577i	0.0423−0.1048i
47.6	−1.2152−0.0831i	0.0106−0.1137i	−1.0010−0.0183i	−1.3029−0.0833i	−0.1395+0.1866i	0.5518+0.5180i	0.2244−0.0502i	−0.0277−0.1093i
47.7	−1.2332−0.0833i	−0.0169−0.0371i	−1.1114+0.0065i	−1.3426−0.0482i	−0.1372+0.2683i	0.7784+0.4861i	0.1622−0.0389i	−0.1402−0.0895i
47.8	−1.2578−0.0616i	−0.0414−0.0060i	−1.2151+0.0711i	−1.3833+0.0046i	−0.0793+0.2947i	0.8814+0.2805i	0.2148−0.0624i	−0.1736−0.0555i
47.9	−1.2468−0.0620i	−0.0389+0.0585i	−1.2280+0.1739i	−1.3844+0.0385i	−0.0306+0.3377i	0.8560+0.2462i	0.1896−0.0720i	−0.2098−0.0040i
48.0	−1.2677−0.0316i	0.0444+0.0272i	−1.2237+0.1688i	−1.3710+0.0836i	0.0527+0.3427i	1.0041+0.3182i	0.1740−0.1281i	−0.2458−0.0295i
48.1	−1.3303+0.0040i	0.0141−0.0080i	−1.1178+0.2979i	−1.4228+0.1321i	0.0933+0.3011i	0.9754+0.0631i	0.1592−0.1979i	−0.2886−0.0076i
48.2	−1.3222+0.0649i	−0.0284+0.0110i	−0.9973+0.2195i	−1.4123+0.1941i	0.0780+0.2834i	0.7135+0.1377i	0.0577−0.1364i	−0.2846+0.0279i
48.3	−1.3203+0.0721i	−0.0278+0.0594i	−0.9678+0.1269i	−1.4081+0.2112i	0.0936+0.3041i	0.7132+0.2889i	0.0937−0.0451i	−0.2277+0.0520i
48.4	−1.3294+0.1478i	0.0419+0.0455i	−1.0091−0.0866i	−1.3941+0.2785i	0.1286+0.2918i	0.7699+0.5294i	0.1438−0.0427i	−0.2035−0.0004i
48.5	−1.2903+0.1816i	0.0717+0.0064i	−1.2112−0.1068i	−1.3549+0.3135i	0.1847+0.2931i	1.0383+0.6037i	0.1973+0.0406i	−0.2282+0.0237i
48.6	−1.2577+0.2018i	0.0457−0.0287i	−1.3464−0.0469i	−1.3210+0.3418i	0.2117+0.2558i	1.2216+0.5046i	0.1337−0.0151i	−0.3116+0.0200i
48.7	−1.2431+0.2197i	0.0096−0.0264i	−1.4771+0.0515i	−1.3108+0.3697i	0.2479+0.2235i	1.4627+0.3535i	0.1800−0.0714i	−0.3697+0.0313i
48.8	−1.2519+0.2068i	−0.0192−0.0502i	−1.5665+0.3385i	−1.3379+0.3853i	0.2916+0.1636i	1.6423−0.1409i	0.2636+0.0200i	−0.3807+0.1785i
48.9	−1.2672+0.2030i	−0.0580−0.0572i	−1.3303+0.4636i	−1.3241+0.3983i	0.2415+0.1081i	1.2510−0.3724i	0.2040+0.0307i	−0.2901+0.2746i
49.0	−1.2527+0.2418i	−0.1077+0.0557i	−1.1092+0.2871i	−1.3111+0.4532i	0.1574+0.1739i	0.8659−0.0709i	0.1590+0.1474i	−0.2243+0.2705i
49.1	−1.2362+0.2764i	−0.0234+0.0800i	−1.1825+0.2593i	−1.2685+0.5137i	0.2243+0.1805i	0.8953−0.0924i	0.1349+0.1320i	−0.2287+0.2830i
49.2	−1.2089+0.3199i	0.0188+0.0238i	−1.1620+0.2924i	−1.2110+0.5346i	0.2396+0.1020i	0.8233−0.1200i	0.1120+0.0338i	−0.2070+0.2882i
49.3	−1.2384+0.3123i	0.0018−0.0042i	−1.1438+0.2338i	−1.2424+0.5157i	0.2345+0.0947i	0.9581+0.0694i	0.1655+0.0053i	−0.2461+0.2220i
49.4	−1.2577+0.3159i	−0.0216−0.0270i	−1.2468+0.1766i	−1.2734+0.5447i	0.2451+0.0891i	1.2423−0.0125i	0.1878+0.0190i	−0.3486+0.2282i
49.5	−1.2392+0.3128i	−0.0689+0.0071i	−1.2996+0.3363i	−1.2228+0.5745i	0.2336+0.0696i	1.1644−0.2758i	0.1617+0.0100i	−0.3772+0.3354i
49.6	−1.2650+0.3559i	−0.0557+0.0154i	−1.1694+0.2329i	−1.2295+0.5909i	0.2391+0.0935i	0.9546−0.1715i	0.1330+0.1157i	−0.3084+0.3720i
49.7	−1.2372+0.4165i	−0.0547+0.0052i	−1.2847+0.0914i	−1.1973+0.6509i	0.2403+0.0758i	1.0194−0.0266i	0.1445+0.0785i	−0.3662+0.3451i

49.8	−1.1880+0.3865i	−0.0819+0.0143i	−1.5143+0.2447i	−1.1368+0.6369i	0.2537+0.0661i	1.3613−0.1786i	0.1637+0.1475i	−0.3904+0.4955i
49.9	−1.2075+0.3641i	−0.0977+0.0314i	−1.4648+0.5300i	−1.1246+0.6251i	0.2758+0.0516i	1.3174−0.6205i	0.2146+0.2435i	−0.2861+0.6865i
50.0	−1.2719+0.3862i	−0.0890+0.0504i	−1.1783+0.5671i	−1.1588+0.6229i	0.2591+0.0196i	0.9201−0.7328i	0.1874+0.0834i	−0.2175+0.6337i
50.1	−1.3066+0.4158i	−0.0913+0.0659i	−1.1370+0.5608i	−1.2027+0.6587i	0.2430+0.0016i	0.8296−0.8059i	0.2599+0.0366i	−0.1343+0.6337i
50.2	−1.3107+0.4582i	−0.0838+0.0701i	−1.0132+0.5125i	−1.1849+0.6810i	0.2257+0.0056i	0.5058−0.8011i	0.2466+0.1840i	−0.0272+0.6880i
50.3	−1.3075+0.4551i	−0.1067+0.0996i	−0.9695+0.4949i	−1.1707+0.6902i	0.2291−0.0114i	0.3558−0.8215i	0.2931+0.1032i	0.0229+0.6388i
50.4	−1.3206+0.4859i	−0.0847+0.1410i	−0.8495+0.4393i	−1.1483+0.7254i	0.2392−0.0092i	−0.0014−0.7355i	0.2868+0.0716i	0.1090+0.5934i
50.5	−1.3268+0.5765i	−0.0245+0.0968i	−0.8046+0.2269i	−1.1153+0.7870i	0.2429−0.0282i	−0.1565−0.3476i	0.2184+0.0171i	0.0666+0.4896i
50.6	−1.2837+0.6328i	−0.0731+0.0741i	−0.9987+0.1391i	−1.0967+0.8168i	0.2283−0.0432i	0.0229−0.0880i	0.2980+0.0910i	0.0681+0.4894i
50.7	−1.2819+0.6022i	−0.0506+0.1129i	−1.0297+0.3194i	−1.0947+0.8058i	0.2404−0.0600i	0.1013−0.2410i	0.3694+0.0244i	0.0768+0.4982i
50.8	−1.2976+0.6032i	−0.0422+0.1124i	−0.8538+0.2889i	−1.0873+0.8092i	0.2114−0.0601i	−0.1726−0.1607i	0.3410+0.0199i	0.1987+0.4616i
50.9	−1.3044+0.6249i	−0.0078+0.0832i	−0.8966+0.1215i	−1.0727+0.8130i	0.2495−0.0239i	−0.1660+0.2753i	0.3455+0.1521i	0.2539+0.4843i
51.0	−1.3561+0.6549i	−0.0077+0.0300i	−0.8943+0.1422i	−1.1011+0.8320i	0.2582−0.0613i	−0.1413+0.3862i	0.3975+0.1661i	0.2699+0.4342i
51.1	−1.3842+0.6908i	−0.0369+0.0249i	−0.8418−0.0078i	−1.1222+0.8579i	0.2316−0.0642i	−0.1075+0.7140i	0.3454+0.0954i	0.1505+0.3329i
51.2	−1.3675+0.7445i	−0.0608+0.0482i	−0.9580−0.0594i	−1.0935+0.9212i	0.2618−0.0779i	0.1466+0.6889i	0.3259+0.0567i	0.0329+0.4054i
51.3	−1.3841+0.8129i	−0.0662+0.0659i	−0.9573−0.0305i	−1.0784+0.9852i	0.2621−0.1101i	0.0552+0.5925i	0.4288+0.0676i	0.1465+0.4058i
51.4	−1.3962+0.8472i	−0.0481+0.0577i	−0.8960−0.0779i	−1.0517+1.0056i	0.2369−0.1284i	−0.0905+0.7354i	0.3968+0.0306i	0.1357+0.3758i
51.5	−1.4110+0.9360i	−0.0486+0.0153i	−0.8288−0.2424i	−1.0445+1.0494i	0.2258−0.1099i	−0.1237+1.1472i	0.3931+0.0607i	0.1894+0.2860i
51.6	−1.3889+0.9898i	−0.0820+0.0151i	−0.9358−0.4239i	−1.0399+1.0775i	0.2386−0.1322i	0.1697+1.5210i	0.4129−0.0030i	0.0461+0.1661i
51.7	−1.3804+1.0036i	−0.1097+0.0569i	−1.1796−0.4295i	−1.0093+1.1101i	0.2387−0.1740i	0.6694+1.3911i	0.4009−0.0177i	−0.0756+0.3083i
51.8	−1.3749+1.0532i	−0.1111+0.0804i	−1.2245−0.3745i	−0.9907+1.1331i	0.2256−0.2036i	0.6716+1.2010i	0.4661−0.0299i	0.0464+0.3240i
51.9	−1.3757+1.1064i	−0.1042+0.0755i	−1.2117−0.4443i	−0.9947+1.1806i	0.1999−0.2207i	0.5762+1.3402i	0.4905−0.0473i	0.1888+0.2440i
52.0	−1.3393+1.1732i	−0.0876+0.0710i	−1.2628−0.5281i	−0.9180+1.2249i	0.1614−0.2055i	0.5458+1.4931i	0.4175−0.0718i	0.1443+0.1883i
52.1	−1.3208+1.2571i	−0.0998+0.0589i	−1.3850−0.5852i	−0.8681+1.2850i	0.1483−0.2142i	0.8076+1.7378i	0.4843−0.1091i	0.0626+0.0356i
52.2	−1.2850+1.3459i	−0.1322+0.0768i	−1.5838−0.7058i	−0.8250+1.3314i	0.1652−0.2277i	1.1771+1.8297i	0.4854−0.1099i	−0.0364+0.1189i
52.3	−1.2240+1.3769i	−0.1333+0.1039i	−1.8405−0.6228i	−0.7260+1.3401i	0.1339−0.2576i	1.4868+1.6654i	0.4698−0.0591i	0.0119+0.2362i
52.4	−1.2159+1.4158i	−0.1336+0.0855i	−1.8542−0.4458i	−0.6942+1.3331i	0.0855−0.2383i	1.4148+1.5183i	0.4922−0.0858i	0.0963+0.2027i
52.5	−1.1699+1.5131i	−0.1390+0.1032i	−1.8256−0.5146i	−0.6553+1.3681i	0.0573−0.1959i	1.3731+1.8485i	0.5161−0.1032i	0.1088+0.0773i
52.6	−1.1141+1.5599i	−0.1255+0.1412i	−2.0268−0.6002i	−0.6164+1.3980i	0.0824−0.1804i	1.8622+2.0441i	0.5624−0.1307i	−0.0809−0.0265i
52.7	−1.0982+1.6015i	−0.0175+0.1079i	−2.1613−0.4471i	−0.5354+1.4034i	0.0348−0.1831i	1.9209+1.8771i	0.5205−0.2670i	−0.1874+0.0111i
52.8	−1.0687+1.6477i	−0.0009+0.0581i	−2.2996−0.3519i	−0.4737+1.4027i	0.0171−0.1963i	2.1375+1.8536i	0.5508−0.3170i	−0.3020−0.0001i
52.9	−1.0358+1.6699i	−0.0350+0.0284i	−2.4461−0.2463i	−0.4418+1.3602i	0.0260−0.1846i	2.4316+1.6660i	0.5324−0.2755i	−0.2967+0.1631i
53.0	−0.9572+1.7389i	−0.0660−0.0218i	−2.4900−0.0721i	−0.3860+1.3449i	0.0089−0.1669i	2.5154+1.5584i	0.5063−0.3370i	−0.3238+0.2363i
53.1	−0.9029+1.8084i	−0.1430−0.0328i	−2.5619−0.0042i	−0.3562+1.3502i	−0.0407−0.1517i	2.8233+1.6396i	0.4897−0.4642i	−0.4974+0.2666i
53.2	−0.8336+1.8422i	−0.1649+0.0367i	−2.6001+0.2512i	−0.3104+1.3608i	−0.0320−0.1199i	3.0804+1.2432i	0.5006−0.4804i	−0.4374+0.3132i
53.3	−0.7644+1.8752i	−0.1550+0.0728i	−2.6515+0.4373i	−0.2674+1.3455i	0.0170−0.1288i	3.2630+0.8502i	0.4697−0.4897i	−0.4007+0.4735i
53.4	−0.7056+1.9371i	−0.1663+0.0146i	−2.5035+0.6072i	−0.2561+1.3061i	0.0481−0.0853i	3.1638+0.6745i	0.3483−0.4907i	−0.2875+0.5192i
53.5	−0.6438+1.9595i	−0.1895−0.0133i	−2.3390+0.5749i	−0.2619+1.3055i	0.0698−0.1040i	2.9475+0.8018i	0.3723−0.5247i	−0.2784+0.3550i
53.6	−0.5471+1.9805i	−0.2395−0.0150i	−2.3834+0.4224i	−0.2182+1.3445i	0.0344−0.1300i	3.2131+1.1190i	0.3305−0.5335i	−0.4139+0.3113i
53.7	−0.4894+1.9854i	−0.2900+0.0250i	−2.4905+0.5433i	−0.1591+1.3219i	0.0493−0.0905i	3.6612+0.9578i	0.1111−0.5585i	−0.4710+0.5826i
53.8	−0.4245+1.9840i	−0.2927+0.0432i	−2.3278+0.6441i	−0.1422+1.2830i	0.0792−0.0588i	3.6060+0.7243i	0.0622−0.4787i	−0.3943+0.6195i
53.9	−0.3988+1.9591i	−0.3398+0.0808i	−2.4022+0.5592i	−0.1176+1.2586i	0.0974−0.0955i	4.1228+0.5718i	0.0718−0.3460i	−0.4629+0.6031i
54.0	−0.3551+2.0320i	−0.3640+0.1571i	−2.5280+0.7376i	−0.0840+1.2720i	0.1035−0.1179i	4.4915−0.1016i	−0.0527−0.3178i	−0.4413+0.8553i
54.1	−0.2850+2.1061i	−0.3125+0.2576i	−2.4647+0.7557i	−0.0587+1.2990i	0.1074−0.1398i	4.2127−0.5180i	−0.0355−0.3209i	−0.4929+0.8866i
54.2	−0.1069+2.1214i	−0.1581+0.2283i	−2.6739+0.7529i	0.0808+1.2859i	0.0776−0.1865i	4.2249−0.4950i	−0.1459−0.1331i	−0.4675+0.9909i
54.3	−0.0409+2.0852i	−0.2030+0.1227i	−2.7594+1.0160i	0.1232+1.2327i	0.0647−0.1687i	4.5278−0.7659i	−0.1986−0.1423i	−0.4196+1.1289i
54.4	0.0034+2.1017i	−0.2793+0.1343i	−2.7844+1.2895i	0.1217+1.1870i	0.0779−0.1628i	4.6804−1.4527i	−0.2083−0.0842i	−0.3551+1.3467i
54.5	0.0893+2.1424i	−0.2965+0.1648i	−2.6734+1.5386i	0.1490+1.1363i	0.0568−0.1491i	4.5102−2.1578i	−0.1209+0.0983i	−0.1609+1.5134i
54.6	0.2437+2.1914i	−0.2915+0.2018i	−2.4429+1.7614i	0.1912+1.1264i	0.0381−0.1538i	3.9752−2.7078i	−0.0377+0.2901i	0.1000+1.5428i
54.7	0.3626+2.1747i	−0.2616+0.2211i	−2.0522+1.8075i	0.1722+1.1133i	0.0341−0.1393i	2.9964−2.6888i	0.2006+0.2408i	0.3164+1.3418i
54.8	0.4158+2.0507i	−0.2383+0.1877i	−1.8775+1.4918i	0.1756+1.0683i	0.0309−0.1334i	2.8346−1.9034i	0.0872+0.1742i	0.3001+1.1937i
54.9	0.3946+2.0294i	−0.3087+0.1479i	−2.1146+1.4674i	0.1532+1.0558i	0.0523−0.1195i	3.4663−2.0382i	0.0105+0.2987i	0.1946+1.3736i
55.0	0.5026+2.0770i	−0.3630+0.1924i	−2.0830+1.7555i	0.1892+1.0305i	0.0874−0.1032i	3.2559−2.8584i	0.1479+0.4641i	0.3855+1.5260i
55.1	0.6421+2.0414i	−0.3769+0.2435i	−1.8415+1.8467i	0.2094+1.0090i	0.1216−0.1147i	2.6723−2.9572i	0.1675+0.4581i	0.6057+1.4722i
55.2	0.7442+1.9757i	−0.3599+0.2793i	−1.6781+1.7848i	0.2315+0.9914i	0.1104−0.1301i	2.3517−2.7837i	0.2776+0.4215i	0.6998+1.4179i
55.3	0.8316+1.8881i	−0.3507+0.3276i	−1.4944+1.7033i	0.2609+0.9673i	0.1009−0.1627i	2.0250−2.5625i	0.3959+0.2372i	0.7466+1.2676i
55.4	0.9260+1.7770i	−0.2884+0.3722i	−1.3052+1.5944i	0.2886+0.9604i	0.0776−0.1847i	1.6784−2.2903i	0.5521+0.1802i	0.8418+1.0589i
55.5	0.9167+1.7097i	−0.2587+0.3311i	−1.3781+1.4017i	0.3110+0.9341i	0.0805−0.1680i	2.0042−1.9256i	0.4882+0.2717i	0.7726+0.9992i
55.6	0.9612+1.7354i	−0.3109+0.3112i	−1.6142+1.4978i	0.3313+0.9042i	0.0786−0.1960i	2.5417−2.3401i	0.4366+0.3924i	0.7016+1.2696i
55.7	1.0427+1.7069i	−0.3325+0.3919i	−1.4808+1.6406i	0.3259+0.8975i	0.0857−0.2432i	2.1617−2.7251i	0.5592+0.3853i	0.8488+1.3263i
55.8	1.0922+1.6213i	−0.3053+0.4165i	−1.2855+1.6207i	0.3357+0.8550i	0.0623−0.2221i	1.7584−2.7385i	0.6522+0.3525i	0.9652+1.1842i
55.9	1.1332+1.5378i	−0.2722+0.4295i	−1.1676+1.5579i	0.3525+0.8268i	0.0634−0.2136i	1.5244−2.6569i	0.7181+0.3285i	1.0839+1.0899i
56.0	1.1399+1.4239i	−0.2456+0.4175i	−1.0878+1.4002i	0.3796+0.7923i	0.0361−0.2150i	1.4596−2.3539i	0.6168+0.2146i	1.0374+0.9845i

56.1	1.1057+1.4072i	-0.2805+0.3703i	-1.1611+1.2469i	0.3631+0.7365i	0.0671-0.2043i	1.7382-2.2437i	0.6164+0.1723i	0.8641+0.9543i
56.2	1.2131+1.3867i	-0.2846+0.4225i	-1.1920+1.3218i	0.3728+0.7192i	0.0452-0.2327i	1.6404-2.5676i	0.8575+0.3810i	1.0787+1.0385i
56.3	1.2682+1.3133i	-0.2576+0.4779i	-1.1214+1.3478i	0.3671+0.6977i	0.0053-0.2553i	1.3595-2.5864i	0.9128+0.3050i	1.1685+1.0488i
56.4	1.2972+1.2523i	-0.2192+0.4985i	-1.0924+1.2645i	0.3635+0.6409i	-0.0026-0.2371i	1.2111-2.5169i	0.9570+0.1566i	1.2205+1.0133i
56.5	1.3008+1.2086i	-0.2085+0.5003i	-1.1110+1.2005i	0.3322+0.6191i	0.0190-0.2382i	1.1473-2.4315i	1.0083+0.1837i	1.2402+0.9406i
56.6	1.3012+1.1320i	-0.1967+0.5065i	-1.0913+1.1377i	0.3240+0.6151i	-0.0007-0.2484i	1.0534-2.3202i	1.1450+0.1893i	1.3216+0.8869i
56.7	1.2860+1.0499i	-0.1766+0.4916i	-1.0745+1.0904i	0.3155+0.5787i	-0.0202-0.2268i	0.9962-2.2704i	1.1506+0.0321i	1.3811+0.8437i
56.8	1.3049+1.0061i	-0.1592+0.4808i	-1.0809+1.0424i	0.3018+0.5443i	0.0057-0.2047i	0.9374-2.2233i	1.1412+0.0492i	1.3434+0.8221i
56.9	1.3004+0.9482i	-0.1449+0.4933i	-1.0968+1.0254i	0.2602+0.5525i	0.0018-0.2151i	0.8446-2.1505i	1.2476-0.0114i	1.3962+0.7508i
57.0	1.2678+0.8738i	-0.1283+0.4836i	-1.0682+0.9821i	0.2499+0.5234i	-0.0015-0.2110i	0.7901-2.0014i	1.2927-0.2076i	1.4451+0.5969i
57.1	1.2154+0.8003i	-0.1140+0.4226i	-1.0544+0.8772i	0.2427+0.4819i	-0.0108-0.1854i	0.7544-1.7932i	1.2677-0.3586i	1.4129+0.4660i
57.2	1.1200+0.8488i	-0.1594+0.3707i	-1.1718+0.7479i	0.1993+0.5026i	-0.0094-0.2052i	1.1116-1.6515i	1.1242-0.2896i	1.2392+0.5938i
57.3	1.1637+0.9203i	-0.2074+0.4241i	-1.3006+0.7675i	0.1755+0.5225i	-0.0379-0.2294i	1.3633-1.8796i	1.1480-0.0933i	1.2206+0.8302i
57.4	1.2282+0.8953i	-0.2028+0.4841i	-1.3281+0.8252i	0.1748+0.5396i	-0.0420-0.2302i	1.2412-2.0066i	1.3072-0.1651i	1.4102+0.8579i
57.5	1.2801+0.8335i	-0.1728+0.5126i	-1.3529+0.8563i	0.1759+0.5298i	-0.0560-0.1999i	1.1493-2.1075i	1.4561-0.1687i	1.6212+0.8324i
57.6	1.2842+0.8036i	-0.1627+0.5115i	-1.3394+0.8388i	0.1730+0.5273i	-0.0727-0.1952i	1.1107-2.0979i	1.4804-0.3132i	1.6772+0.7777i
57.7	1.2861+0.7637i	-0.1575+0.5105i	-1.3426+0.8375i	0.1511+0.5416i	-0.0611-0.1879i	1.0222-2.0835i	1.4749-0.5173i	1.7172+0.6254i
57.8	1.2905+0.7274i	-0.1518+0.5247i	-1.3646+0.8358i	0.1570+0.5524i	-0.0603-0.1748i	0.9850-2.1065i	1.5880-0.4640i	1.7528+0.5910i
57.9	1.2994+0.7166i	-0.1615+0.5030i	-1.4430+0.8187i	0.1733+0.5488i	-0.0554-0.1288i	0.9918-2.0389i	1.6229-0.1545i	1.9525+0.7224i
58.0	1.2889+0.6769i	-0.1866+0.5080i	-1.4198+0.8828i	0.1443+0.5423i	-0.0155-0.1192i	0.9323-2.0087i	1.8033-0.4565i	2.0848+0.5185i
58.1	1.2785+0.6465i	-0.1730+0.5415i	-1.3680+0.8439i	0.1400+0.5568i	0.0087-0.1046i	0.8791-2.0115i	1.6638-0.5660i	2.0701+0.4693i
58.2	1.2900+0.6502i	-0.1616+0.5366i	-1.4432+0.7687i	0.1686+0.5732i	0.0719-0.1094i	0.9731-1.9472i	1.8531-0.5467i	2.1853+0.3897i
58.3	1.3028+0.6315i	-0.1861+0.5131i	-1.4853+0.8157i	0.2016+0.5900i	0.0627-0.1479i	1.0872-2.0352i	1.9252-0.5721i	2.2787+0.4663i
58.4	1.3229+0.5997i	-0.1985+0.5765i	-1.4047+0.8535i	0.2144+0.5741i	0.0487-0.1769i	0.9297-2.1331i	1.8548-0.7743i	2.3483+0.4245i
58.5	1.3356+0.5900i	-0.1906+0.5883i	-1.3989+0.8188i	0.2152+0.5700i	0.0749-0.2007i	0.8689-2.0476i	1.8905-0.9754i	2.3278+0.1744i
58.6	1.3346+0.5836i	-0.2139+0.6005i	-1.4367+0.7800i	0.2137+0.5457i	0.0757-0.2234i	0.9559-2.0263i	1.7617-1.0705i	2.2275+0.1480i
58.7	1.3738+0.5644i	-0.2158+0.6501i	-1.5069+0.7706i	0.1997+0.5141i	0.0886-0.2282i	0.9525-2.1404i	2.0181-1.2070i	2.4596+0.0958i
58.8	1.4132+0.5133i	-0.2138+0.7094i	-1.5344+0.8014i	0.1845+0.4936i	0.0986-0.2702i	0.8757-2.1651i	2.0013-1.6695i	2.3988-0.1461i
58.9	1.4280+0.4762i	-0.1776+0.7426i	-1.5885+0.7756i	0.1400+0.4971i	0.1040-0.3027i	0.8247-2.1033i	2.0265-1.8086i	2.5446-0.2904i
59.0	1.4533+0.4642i	-0.1367+0.7644i	-1.6110+0.7499i	0.1692+0.4819i	0.0730-0.2975i	0.8544-2.1194i	2.1618-1.7021i	2.8489-0.3701i
59.1	1.4750+0.4190i	-0.1374+0.7787i	-1.7050+0.7592i	0.1363+0.4928i	0.0783-0.3234i	0.8965-2.1033i	2.1445-1.9209i	2.9499-0.5800i
59.2	1.4892+0.3768i	-0.1247+0.7970i	-1.7329+0.7616i	0.1339+0.4704i	0.0643-0.3438i	0.9014-2.1403i	2.1291-2.2014i	2.9617-0.8615i
59.3	1.5007+0.3490i	-0.0771+0.8070i	-1.7645+0.7413i	0.1341+0.4492i	0.0356-0.3405i	0.9189-2.1657i	2.1191-2.2769i	3.0237-1.0367i
59.4	1.5159+0.2883i	-0.0380+0.8333i	-1.8311+0.8003i	0.1150+0.4628i	0.0004-0.3674i	0.9534-2.2388i	1.8652-2.5937i	2.9493-1.3180i
59.5	1.5279+0.2470i	-0.0404+0.8412i	-1.8521+0.8390i	0.1088+0.4823i	-0.0104-0.3722i	0.9367-2.2741i	1.7237-2.7630i	2.8636-1.4386i
59.6	1.5548+0.2097i	-0.0093+0.8460i	-1.8922+0.8823i	0.0951+0.4884i	-0.0124-0.4340i	0.9238-2.2948i	1.6285-2.9503i	2.8183-1.6691i
59.7	1.5532+0.1719i	0.0145+0.8578i	-1.9073+0.8997i	0.0919+0.4984i	-0.0487-0.4334i	0.8887-2.3408i	1.3954-3.0892i	2.6681-1.8216i
59.8	1.5650+0.1477i	0.0535+0.8911i	-1.9439+0.9009i	0.0800+0.4882i	-0.0406-0.4037i	0.8138-2.3903i	1.3133-3.0423i	2.6856-1.8733i
59.9	1.5698+0.1150i	0.0934+0.9363i	-2.0062+0.9520i	0.0896+0.5182i	-0.0772-0.4144i	0.8092-2.4565i	1.3492-3.1724i	2.7076-2.1168i
60.0	1.5817+0.0819i	0.1194+0.9506i	-2.0988+0.9651i	0.0741+0.5735i	-0.0931-0.4239i	0.7956-2.4784i	1.2437-3.1071i	2.5410-2.1495i
60.1	1.5852+0.0204i	0.1336+0.9566i	-1.9694+1.0033i	0.0648+0.5273i	-0.1378-0.4056i	0.7003-2.5054i	0.6507-3.5071i	2.0608-2.3796i
60.2	1.5826-0.0404i	0.1787+0.9681i	-1.9759+1.0467i	0.0700+0.5283i	-0.1266-0.3908i	0.6294-2.5286i	0.5384-3.6065i	1.9687-2.6575i
60.3	1.5754-0.0867i	0.2307+0.9518i	-2.0057+1.0619i	0.0829+0.5493i	-0.1318-0.3702i	0.6123-2.5396i	0.3674-3.4410i	1.9306-2.6516i
60.4	1.5797-0.1132i	0.2585+0.9387i	-2.0311+1.0678i	0.0839+0.5681i	-0.1236-0.3741i	0.5985-2.5449i	0.3418-3.4497i	1.9180-2.6753i
60.5	1.5823-0.1552i	0.2976+0.9633i	-2.0304+1.0769i	0.0927+0.5848i	-0.1369-0.3741i	0.5649-2.5835i	0.1156-3.4631i	1.6821-2.7085i
60.6	1.5606-0.1917i	0.3258+0.9573i	-2.0463+1.1012i	0.0876+0.5712i	-0.1503-0.3984i	0.5145-2.6250i	0.0817-3.6463i	1.5086-3.0295i
60.7	1.5381-0.2613i	0.3538+0.9579i	-2.0518+1.1500i	0.1199+0.5411i	-0.1549-0.4029i	0.4810-2.7026i	0.0112-3.6590i	1.5049-3.0950i
60.8	1.5322-0.2989i	0.3644+0.9775i	-2.0932+1.1776i	0.1136+0.5247i	-0.1447-0.4005i	0.4653-2.7463i	-0.1958-3.7975i	1.3518-3.3424i
60.9	1.5054-0.3257i	0.4678+1.0207i	-2.1078+1.1923i	0.0927+0.5209i	-0.1414-0.3718i	0.3356-2.7575i	-0.5495-3.7509i	0.9615-3.1744i
61.0	1.4989-0.3238i	0.5983+1.0547i	-2.1341+1.1967i	0.0975+0.5349i	-0.1040-0.3939i	0.2892-2.7697i	-0.6330-3.7177i	1.0460-3.1390i
61.1	1.4840-0.3482i	0.6620+1.0464i	-2.1086+1.2376i	0.1025+0.5740i	-0.1692-0.4153i	0.2105-2.7622i	-0.9156-3.8133i	0.7222-3.1663i
61.2	1.5044-0.3941i	0.7463+0.9803i	-2.1021+1.2612i	0.0992+0.5840i	-0.2303-0.4138i	0.0977-2.7490i	-1.1806-3.7538i	0.4165-3.1751i
61.3	1.5118-0.4003i	0.8174+0.9047i	-2.1142+1.2482i	0.0736+0.5774i	-0.2516-0.4369i	0.0235-2.7356i	-1.2884-3.7044i	0.1572-3.2589i
61.4	1.5173-0.4401i	0.8739+0.8349i	-2.1496+1.2259i	0.0929+0.5826i	-0.2233-0.4373i	-0.0433-2.6564i	-1.6944-3.4371i	0.0412-2.7780i
61.5	1.4984-0.4866i	0.9107+0.7635i	-2.1956+1.2631i	0.1128+0.5752i	-0.2129-0.4296i	-0.0420-2.6779i	-1.7716-3.2569i	0.2492-2.8420i
61.6	1.4978-0.5270i	0.9397+0.7334i	-2.2252+1.2781i	0.0933+0.5998i	-0.2081-0.4235i	-0.1000-2.6735i	-1.8076-3.1719i	0.1593-2.8453i
61.7	1.5060-0.5594i	0.9459+0.6746i	-2.2242+1.2720i	0.0705+0.6023i	-0.2172-0.4272i	-0.2073-2.6180i	-1.9439-3.1209i	-0.0822-2.8065i
61.8	1.5117-0.6350i	1.0270+0.5732i	-2.2524+1.3204i	0.0800+0.6119i	-0.2810-0.4067i	-0.2300-2.6508i	-2.2188-3.0735i	-0.4019-2.7306i
61.9	1.5094-0.6734i	1.0839+0.5087i	-2.2875+1.3565i	0.0778+0.6334i	-0.2988-0.4289i	-0.2413-2.6302i	-2.3265-3.0210i	-0.5117-2.7754i
62.0	1.5189-0.7241i	1.1169+0.4626i	-2.3585+1.3710i	0.0616+0.6424i	-0.2913-0.4513i	-0.2693-2.6245i	-2.4155-3.0337i	-0.5763-2.8547i
62.1	1.5132-0.7795i	1.1314+0.3551i	-2.3988+1.3888i	0.0523+0.6599i	-0.2896-0.5093i	-0.3619-2.5555i	-2.6054-3.0319i	-0.9300-2.8218i
62.2	1.4624-0.8164i	1.0903+0.2681i	-2.4062+1.4470i	0.0866+0.6776i	-0.2990-0.5093i	-0.3665-2.5816i	-2.6688-2.7969i	-0.8994-2.7379i
62.3	1.4489-0.8766i	1.0726+0.2007i	-2.4406+1.5153i	0.0823+0.7047i	-0.3029-0.5418i	-0.4045-2.5548i	-2.7549-2.6807i	-0.9409-2.6789i

62.4	1.4250−0.9316i	1.0519+0.1300i	−2.4639+1.5273i	0.0925+0.7116i	−0.3302−0.5604i	−0.4523−2.4817i	−2.8392−2.5062i	−1.0502−2.4584i
62.5	1.3991−0.9671i	1.0304+0.0849i	−2.4540+1.5568i	0.1058+0.7394i	−0.3885−0.5327i	−0.5357−2.4749i	−2.9674−2.4411i	−1.3175−2.3493i
62.6	1.3719−1.0094i	0.9941+0.0177i	−2.5035+1.5730i	0.1002+0.7658i	−0.4114−0.5119i	−0.5342−2.5019i	−3.1077−2.3002i	−1.3307−2.2654i
62.7	1.3189−1.0648i	0.9314−0.1176i	−2.5447+1.6398i	0.1060+0.7528i	−0.4913−0.5347i	−0.5094−2.4419i	−3.2931−2.0708i	−1.4142−2.0611i
62.8	1.2922−1.0964i	0.8823−0.1792i	−2.6228+1.7069i	0.1039+0.7610i	−0.5232−0.5832i	−0.5037−2.4484i	−3.2019−2.0185i	−1.4571−2.2504i
62.9	1.2496−1.1233i	0.8477−0.1925i	−2.6240+1.7429i	0.1043+0.7646i	−0.5335−0.5734i	−0.5320−2.4844i	−3.1663−1.8915i	−1.3554−2.3856i
63.0	1.1986−1.2092i	0.6653−0.2101i	−2.6090+1.7755i	0.0924+0.7751i	−0.6273−0.5218i	−0.5930−2.3976i	−3.2986−1.6975i	−1.4924−1.8684i
63.1	1.1743−1.2692i	0.5980−0.1893i	−2.6569+1.8222i	0.0891+0.8361i	−0.6993−0.5100i	−0.6565−2.3518i	−3.4539−1.6713i	−1.6333−1.5818i
63.2	1.1197−1.2889i	0.6265−0.2511i	−2.7117+1.9239i	0.1209+0.8690i	−0.6986−0.5138i	−0.6831−2.3708i	−3.5125−1.5136i	−1.6294−1.4892i
63.3	1.0453−1.3477i	0.5751−0.2571i	−2.7210+2.0382i	0.1583+0.8936i	−0.7711−0.4867i	−0.7168−2.3943i	−3.5541−1.4724i	−1.8354−1.5626i
63.4	0.9941−1.3803i	0.5509−0.2646i	−2.7737+2.0923i	0.1757+0.9110i	−0.8032−0.4932i	−0.7698−2.3765i	−3.5948−1.2935i	−1.7818−1.5834i
63.5	0.9605−1.3897i	0.5248−0.2479i	−2.8329+2.1376i	0.1830+0.9270i	−0.8094−0.4824i	−0.7746−2.3691i	−3.6421−1.0724i	−1.6806−1.4411i
63.6	0.8721−1.3980i	0.5453−0.2352i	−2.8050+2.1859i	0.2434+0.9363i	−0.8380−0.4329i	−0.8703−2.3353i	−3.8654−0.9949i	−1.8055−1.1416i
63.7	0.7474−1.3928i	0.5866−0.2783i	−2.8485+2.1841i	0.2793+0.9733i	−0.8411−0.4082i	−0.8000−2.2063i	−4.0287−0.8738i	−1.7434−0.8653i
63.8	0.6654−1.3633i	0.6100−0.3457i	−2.8735+2.2477i	0.3128+1.0016i	−0.8561−0.4282i	−0.7776−2.1750i	−4.0680−0.7040i	−1.5559−0.7255i
63.9	0.6013−1.3639i	0.4818−0.3749i	−2.8313+2.4266i	0.3038+0.9916i	−0.9876−0.4168i	−0.8469−2.2400i	−3.8314−0.4934i	−1.7233−1.0830i
64.0	0.5821−1.3381i	0.5153−0.4022i	−2.8619+2.4783i	0.3351+0.9738i	−1.0255−0.4364i	−0.9188−2.2436i	−3.9014−0.4185i	−1.9077−1.1292i
64.1	0.5384−1.2919i	0.5028−0.4566i	−2.8927+2.5980i	0.4115+1.0025i	−1.0662−0.4166i	−0.9617−2.2512i	−4.0142−0.2029i	−1.9451−0.9078i
64.2	0.5283−1.2447i	0.2364−0.6118i	−2.9202+2.6992i	0.3891+0.9786i	−1.2576−0.3866i	−0.9275−2.1462i	−4.0007+0.0574i	−1.8803−0.7273i
64.3	0.5170−1.1900i	0.1081−0.6063i	−2.9443+2.7517i	0.3858+0.9826i	−1.3413−0.2878i	−0.8860−2.1203i	−4.0684+0.2148i	−1.6441−0.2842i
64.4	0.5162−1.1636i	0.0602−0.5175i	−2.9684+2.7823i	0.3770+1.0244i	−1.3548−0.1877i	−0.8993−2.1510i	−4.0495+0.3994i	−1.4908−0.2137i
64.5	0.5423−1.1167i	−0.0252−0.4671i	−2.9885+2.9270i	0.3834+1.0800i	−1.4101−0.1305i	−0.9867−2.2163i	−3.7014+0.5477i	−1.5790−0.8087i
64.6	0.5923−1.0960i	−0.1874−0.4772i	−3.0302+3.0180i	0.3892+1.0671i	−1.4631−0.0517i	−0.8757−2.1576i	−3.7222+0.8626i	−1.1407−0.6493i
64.7	0.5855−1.0844i	−0.1407−0.4027i	−2.9756+3.0686i	0.4041+1.0956i	−1.4234+0.0926i	−0.9410−2.0854i	−3.6928+0.9964i	−1.1167−0.4515i
64.8	0.6349−1.1058i	−0.2434−0.3034i	−3.0466+3.2560i	0.3854+1.1898i	−1.5103+0.2195i	−0.9801−2.0764i	−3.5170+1.1107i	−1.3555−0.6630i
64.9	0.6503−1.1197i	−0.3322−0.2019i	−2.9934+3.4307i	0.4389+1.2379i	−1.4996+0.3372i	−0.9913−2.1238i	−3.4112+1.3464i	−1.0747−0.7797i
65.0	0.6516−1.1543i	−0.3006−0.1050i	−2.8988+3.6021i	0.5513+1.2951i	−1.4162+0.4863i	−1.0073−2.1385i	−3.4038+1.5371i	−1.0841−0.6647i
65.1	0.6946−1.1913i	−0.3613−0.0353i	−2.8742+3.7070i	0.5832+1.3918i	−1.4485+0.5917i	−1.0056−2.1198i	−3.2128+1.3962i	−1.3292−0.5941i
65.2	0.6909−1.2395i	−0.3487+0.0122i	−2.8794+3.7816i	0.6336+1.4446i	−1.4272+0.6700i	−1.0359−2.0656i	−3.1210+1.4585i	−1.3296−0.5702i
65.3	0.6651−1.2899i	−0.2688+0.1506i	−2.7602+3.9659i	0.7898+1.4854i	−1.3168+0.8415i	−1.0457−2.0847i	−2.9711+1.6243i	−1.1853−0.6333i
65.4	0.6876−1.3317i	−0.2758+0.1935i	−2.6650+4.1356i	0.9132+1.4848i	−1.2652+0.9278i	−1.0564−2.0885i	−2.7183+1.6086i	−1.3450−0.6003i
65.5	0.6914−1.3988i	−0.1898+0.1908i	−2.6377+4.2502i	1.0740+1.5045i	−1.1271+0.9785i	−1.1093−2.1009i	−2.7777+1.7327i	−1.2277−0.4432i
65.6	0.7064−1.4745i	−0.1516+0.1468i	−2.5735+4.3850i	1.1789+1.4694i	−1.0401+0.9782i	−1.1368−2.1317i	−2.8273+1.8837i	−1.0818−0.4335i
65.7	0.6753−1.5378i	−0.1801+0.1688i	−2.4885+4.4871i	1.2861+1.4656i	−1.0429+1.0331i	−1.1753−2.1410i	−2.6474+1.8081i	−1.2682−0.5438i
65.8	0.6355−1.6250i	−0.2131+0.1584i	−2.4046+4.6394i	1.3959+1.4254i	−0.9770+1.0565i	−1.2123−2.1758i	−2.5961+2.0398i	−1.0083−0.6632i
65.9	0.5560−1.6785i	−0.1751+0.2185i	−2.2705+4.7725i	1.5400+1.3835i	−0.8940+1.0807i	−1.2485−2.2135i	−2.4771+2.1303i	−1.0739−0.9592i
66.0	0.4494−1.7102i	−0.1179+0.2431i	−2.1280+4.7635i	1.7145+1.2860i	−0.7603+1.1130i	−1.2649−2.1591i	−2.5913+2.0286i	−1.1137−0.6758i
66.1	0.3740−1.7532i	−0.0801+0.2253i	−2.0328+4.8277i	1.8275+1.2263i	−0.6792+1.0973i	−1.2799−2.1422i	−2.5435+1.9767i	−1.2190−0.6443i
66.2	0.2437−1.7819i	−0.0548+0.2965i	−1.7439+4.9681i	1.9669+1.0947i	−0.5933+1.1490i	−1.3411−2.1650i	−2.4494+1.9546i	−1.3713−0.6781i
66.3	0.1155−1.7446i	−0.0469+0.2244i	−1.4498+5.0551i	2.0927+0.8779i	−0.5336+1.1127i	−1.4994−2.1002i	−2.4752+2.2315i	−1.3886−0.4879i
66.4	0.0500−1.7024i	−0.0769+0.1533i	−1.2700+5.0356i	2.1199+0.6908i	−0.5281+1.0629i	−1.5900−2.0345i	−2.3381+2.3476i	−1.4968−0.4282i
66.5	0.0386−1.6695i	−0.2048+0.0997i	−1.2164+5.0598i	2.1162+0.4679i	−0.5244+1.0026i	−1.5878−2.0621i	−2.4799+2.7397i	−0.9080−0.4667i
66.6	−0.0180−1.6350i	−0.2413+0.1366i	−1.0245+5.0499i	2.1749+0.3064i	−0.5012+1.0766i	−1.6353−2.0153i	−2.3637+2.5497i	−1.1794−0.2895i
66.7	−0.0892−1.6413i	−0.2790+0.2052i	−0.8947+5.0744i	2.1825+0.2304i	−0.5095+1.1431i	−1.6610−2.0368i	−2.0770+2.4476i	−1.5196−0.3098i
66.8	−0.1280−1.6160i	−0.3349+0.2810i	−0.7623+5.0547i	2.1418+0.0920i	−0.4910+1.2097i	−1.6950−2.0244i	−1.8523+2.6737i	−1.4543−0.4183i
66.9	−0.1617−1.5847i	−0.3914+0.3446i	−0.6694+4.9756i	2.0805−0.0505i	−0.4358+1.2612i	−1.6685−1.9179i	−1.9795+2.7298i	−1.2430−0.1368i
67.0	−0.2088−1.5656i	−0.3745+0.4069i	−0.5631+4.9283i	2.0430−0.1717i	−0.3648+1.2909i	−1.7533−1.8444i	−1.8398+2.5201i	−1.5116+0.1052i
67.1	−0.2942−1.5645i	−0.3278+0.5795i	−0.3058+5.0048i	2.0208−0.3161i	−0.2748+1.3766i	−1.8909−1.9720i	−1.4057+2.7131i	−1.7241−0.2983i
67.2	−0.3280−1.5158i	−0.2858+0.6756i	−0.1552+4.9618i	1.9393−0.4480i	−0.1842+1.3964i	−2.0058−1.9711i	−1.3277+3.0384i	−1.5462−0.4038i
67.3	−0.3222−1.4753i	−0.2902+0.7165i	−0.1229+4.8781i	1.8309−0.5231i	−0.1426+1.3697i	−2.0711−1.9088i	−1.1573+3.2826i	−1.3669−0.5112i
67.4	−0.3644−1.4482i	−0.2686+0.7912i	−0.0470+4.8245i	1.7372−0.6034i	−0.0646+1.3823i	−2.0834−1.8375i	−0.9945+3.3856i	−1.2580−0.5821i
67.5	−0.4030−1.3878i	−0.1627+0.8052i	0.0448+4.7554i	1.6597−0.6880i	0.0874+1.3615i	−2.1331−1.8100i	−1.0869+3.4198i	−1.1839−0.3420i
67.6	−0.3993−1.3503i	−0.1140+0.8411i	0.0477+4.7343i	1.6017−0.7508i	0.2022+1.3487i	−2.0750−1.7653i	−1.0876+3.7044i	−0.7959−0.3109i
67.7	−0.4153−1.2916i	−0.0494+0.8064i	0.1540+4.5683i	1.4980−0.8205i	0.2672+1.2754i	−2.1641−1.5530i	−0.9891+3.5561i	−0.8674+0.0211i
67.8	−0.4004−1.2795i	0.0541+0.8363i	0.1864+4.4954i	1.4027−0.8081i	0.3276+1.2223i	−2.2168−1.4954i	−0.6060+3.3633i	−1.2125−0.1038i
67.9	−0.4220−1.2575i	0.0890+0.8549i	0.2054+4.4516i	1.3515−0.8243i	0.3507+1.2252i	−2.2316−1.4137i	−0.7193+3.2776i	−1.1794+0.1053i
68.0	−0.4117−1.2337i	0.1575+0.8135i	0.2518+4.3667i	1.2601−0.8525i	0.4071+1.1517i	−2.2974−1.2874i	−0.5302+3.1618i	−1.2428+0.2459i
68.1	−0.4370−1.2398i	0.2249+0.7893i	0.3214+4.3862i	1.1933−0.8815i	0.4328+1.1038i	−2.3772−1.1859i	−0.3282+3.0121i	−1.3496+0.2970i
68.2	−0.4669−1.2247i	0.2721+0.8248i	0.3598+4.4419i	1.1483−0.8779i	0.4563+1.1062i	−2.3807−1.1426i	−0.0925+3.1466i	−1.3288+0.0629i
68.3	−0.4600−1.1871i	0.3187+0.8108i	0.3311+4.3834i	1.1078−0.8864i	0.5134+1.0542i	−2.3099−1.0989i	0.0780+3.3700i	−1.1368−0.1558i
68.4	−0.4610−1.1515i	0.4159+0.7461i	0.4822+4.3568i	1.0362−0.9287i	0.5954+0.9797i	−2.3680−0.9833i	0.2592+3.1137i	−1.3178+0.1028i
68.5	−0.4790−1.1456i	0.4623+0.6854i	0.5219+4.2775i	0.9927−0.9379i	0.6164+0.9559i	−2.3558−0.8603i	0.0106+2.6931i	−1.4644+0.5267i
68.6	−0.4932−1.1373i	0.4939+0.6534i	0.5639+4.2458i	0.9260−0.9166i	0.6099+0.9087i	−2.3079−0.7321i	0.1248+2.4955i	−1.5351+0.5756i

68.7	−0.5208−1.0693i	0.4876+0.5839i	0.6354+4.2192i	0.8584−0.9588i	0.5758+0.8529i	−2.3228−0.6224i	0.0695+2.5757i	−1.3135+0.7386i
68.8	−0.5085−1.0328i	0.4833+0.5633i	0.7147+4.1818i	0.8060−0.9676i	0.5846+0.8566i	−2.2949−0.5530i	0.2132+2.7432i	−1.1662+0.6066i
68.9	−0.4722−1.0365i	0.4873+0.5555i	0.7184+4.2126i	0.7544−0.9545i	0.6049+0.8737i	−2.2233−0.5108i	0.4048+2.6421i	−1.2299+0.5630i
69.0	−0.4735−1.0142i	0.5299+0.5262i	0.7654+4.2121i	0.7152−0.9554i	0.6731+0.8059i	−2.2110−0.4918i	0.6598+2.8053i	−1.2206+0.3650i
69.1	−0.4694−1.0099i	0.5126+0.4449i	0.8164+4.2104i	0.6448−0.9628i	0.7073+0.7359i	−2.1476−0.3876i	0.3818+2.9385i	−0.8806+0.6173i
69.2	−0.4310−1.0062i	0.4876+0.4055i	0.8122+4.1572i	0.5859−0.9539i	0.6839+0.7305i	−2.0782−0.2823i	0.5841+2.6127i	−1.0887+0.7480i
69.3	−0.3992−1.0012i	0.5114+0.3694i	0.9039+4.0677i	0.5213−0.9405i	0.7135+0.7005i	−2.0507−0.1894i	0.7925+2.0657i	−1.4799+0.9165i
69.4	−0.3637−1.0312i	0.4481+0.3954i	0.9621+4.1035i	0.4562−0.8977i	0.6728+0.6995i	−1.9721−0.2455i	1.2777+2.4322i	−1.2738+0.4157i
69.5	−0.3533−1.0301i	0.4072+0.3781i	1.0047+4.0276i	0.3929−0.8603i	0.6583+0.6648i	−1.8724−0.2522i	1.2164+2.2920i	−1.0986+0.5046i
69.6	−0.3824−1.0290i	0.4080+0.3649i	1.1400+3.9642i	0.3410−0.8278i	0.6737+0.6551i	−1.8494−0.1906i	1.2623+2.2487i	−0.9891+0.5934i
69.7	−0.4133−1.0653i	0.4249+0.3748i	1.1499+3.9273i	0.3458−0.8045i	0.7083+0.6708i	−1.8486−0.1769i	1.2101+2.1213i	−1.0897+0.7358i
69.8	−0.4120−1.0752i	0.4501+0.4073i	1.2019+3.7947i	0.3433−0.7770i	0.7640+0.7140i	−1.8274−0.1251i	1.3516+1.5753i	−1.4550+0.8376i
69.9	−0.4226−1.0735i	0.4492+0.3948i	1.2844+3.7426i	0.3134−0.7496i	0.7968+0.6889i	−1.8293−0.0784i	1.6695+1.3037i	−1.5849+0.8660i
70.0	−0.4337−1.0956i	0.4658+0.3979i	1.3297+3.7835i	0.2929−0.7375i	0.8491+0.6740i	−1.8222−0.1198i	1.9246+1.3495i	−1.5492+0.7239i
70.1	−0.4336−1.1438i	0.4512+0.4521i	1.3146+3.7727i	0.2650−0.7235i	0.8970+0.6669i	−1.7143−0.1110i	1.9145+1.7459i	−1.1990+0.4808i
70.2	−0.4592−1.1423i	0.4540+0.4237i	1.3737+3.7098i	0.2402−0.7228i	0.9752+0.6460i	−1.6365−0.0283i	1.6230+1.5229i	−1.0261+0.7531i
70.3	−0.4495−1.1340i	0.4429+0.4152i	1.3807+3.6566i	0.2071−0.7065i	0.9950+0.6022i	−1.6002−0.0273i	1.6598+1.5195i	−0.9083+0.6784i
70.4	−0.4579−1.1485i	0.4482+0.4139i	1.3959+3.5482i	0.1813−0.6765i	1.0206+0.5774i	−1.5512+0.0067i	1.6795+1.0626i	−1.0500+0.7268i
70.5	−0.4592−1.1537i	0.4355+0.4163i	1.4405+3.4910i	0.1452−0.6535i	1.0583+0.5543i	−1.4935+0.0119i	1.6336+1.0413i	−1.0436+0.7237i
70.6	−0.4864−1.1599i	0.4525+0.4208i	1.4244+3.4640i	0.1306−0.6255i	1.0919+0.5020i	−1.4410−0.0134i	1.6554+1.1530i	−0.9936+0.6573i
70.7	−0.5106−1.1568i	0.4721+0.4160i	1.4787+3.3921i	0.1222−0.5933i	1.1037+0.4743i	−1.4493+0.0011i	1.7450+0.8924i	−1.1251+0.6490i
70.8	−0.5272−1.1105i	0.4774+0.3744i	1.4928+3.3111i	0.0929−0.5552i	1.1257+0.3978i	−1.3931+0.0215i	1.5966+0.8154i	−0.9594+0.7552i
70.9	−0.5573−1.1123i	0.4889+0.3618i	1.5152+3.3019i	0.0837−0.5324i	1.1788+0.3382i	−1.3540+0.0303i	1.4106+0.6290i	−0.9860+0.9348i
71.0	−0.5725−1.1141i	0.4980+0.3481i	1.5377+3.2571i	0.0708−0.5382i	1.2855+0.3369i	−1.2816+0.0869i	1.0424+0.3999i	−0.9405+1.2528i
71.1	−0.5609−1.1358i	0.4925+0.3636i	1.4877+3.2322i	0.0475−0.5028i	1.3320+0.2668i	−1.2381+0.0398i	1.1912+0.5808i	−0.8104+1.0355i
71.2	−0.5533−1.1472i	0.4929+0.3605i	1.3940+3.2174i	0.0261−0.4672i	1.3774+0.1727i	−1.1974−0.0196i	1.3053+0.7193i	−0.7840+0.8779i
71.3	−0.5916−1.1654i	0.5099+0.3466i	1.4066+3.2109i	0.0283−0.4416i	1.4363+0.1141i	−1.1790−0.0046i	1.2731+0.6428i	−0.8317+0.9477i
71.4	−0.6246−1.1670i	0.5008+0.3161i	1.3541+3.1579i	0.0414−0.4231i	1.4246+0.0131i	−1.1287−0.0461i	0.9762+0.5569i	−0.7909+1.0353i
71.5	−0.6210−1.1805i	0.4977+0.3264i	1.4212+3.1122i	0.0408−0.3827i	1.4709−0.0469i	−1.0733−0.0269i	1.0343+0.6475i	−0.6632+0.9248i
71.6	−0.6606−1.1770i	0.5103+0.3001i	1.4558+3.0826i	0.0689−0.3713i	1.4684−0.1631i	−1.1070−0.0662i	1.0180+0.5174i	−0.7305+1.0123i
71.7	−0.6851−1.2121i	0.5146+0.2865i	1.4395+3.1313i	0.0606−0.3526i	1.5039−0.2931i	−1.1017−0.0887i	0.9738+0.4717i	−0.7254+1.0972i
71.8	−0.7153−1.1934i	0.4959+0.2575i	1.4807+3.0761i	0.0464−0.3068i	1.4434−0.4409i	−1.0472−0.1142i	1.0426+0.6360i	−0.5516+1.0134i
71.9	−0.7319−1.1925i	0.5151+0.2705i	1.4954+3.0767i	0.0407−0.3056i	1.4842−0.5335i	−1.0909−0.1640i	1.4058+0.6403i	−0.7244+0.7744i
72.0	−0.8036−1.2321i	0.5371+0.2617i	1.4779+3.1700i	0.0801−0.2846i	1.4451−0.6575i	−1.1270−0.1607i	1.2687+0.6119i	−0.7813+0.9267i
72.1	−0.8210−1.2343i	0.4948+0.2517i	1.4630+3.1812i	0.0912−0.2528i	1.3502−0.7730i	−1.0821−0.1801i	1.1078+0.5679i	−0.7064+1.0222i
72.2	−0.8384−1.2137i	0.4934+0.2368i	1.5223+3.0995i	0.0960−0.2374i	1.2861−0.8508i	−1.1035−0.1829i	1.1796+0.2746i	−0.8186+1.0155i
72.3	−0.8728−1.1833i	0.4858+0.2230i	1.6264+3.0529i	0.1397−0.2322i	1.2072−0.9030i	−1.1453−0.1524i	1.3410+0.1332i	−0.8435+1.0490i
72.4	−0.8981−1.1752i	0.4531+0.2374i	1.6165+3.0219i	0.1525−0.2399i	1.1123−0.9698i	−1.1124−0.1448i	1.2594+0.3054i	−0.6784+1.0315i
72.5	−0.9176−1.1564i	0.4307+0.2267i	1.5946+2.9949i	0.1478−0.2510i	1.0449−1.0397i	−1.0761−0.1475i	1.1496+0.1969i	−0.5952+1.1131i
72.6	−0.9323−1.1454i	0.4173+0.2231i	1.5997+3.0008i	0.1590−0.2337i	1.0036−1.0797i	−1.0619−0.1061i	1.1340+0.1153i	−0.5527+1.2111i
72.7	−0.9669−1.1205i	0.4148+0.2263i	1.6615+2.9484i	0.1695−0.2218i	0.9373−1.1491i	−1.0351−0.1236i	1.1012+0.0935i	−0.4516+1.2386i
72.8	−1.0211−1.1230i	0.4236+0.2258i	1.7281+2.9248i	0.1857−0.2021i	0.7932−1.2352i	−1.0697−0.1681i	1.0703+0.1149i	−0.4392+1.1787i
72.9	−1.0586−1.1127i	0.4149+0.2391i	1.7543+2.9438i	0.1955−0.2138i	0.7072−1.2622i	−1.0469−0.1425i	1.2180+0.1512i	−0.3619+1.1298i
73.0	−1.0739−1.1014i	0.4159+0.2573i	1.7026+2.9122i	0.2028−0.2198i	0.6097−1.2993i	−1.0405−0.1672i	1.1933+0.0188i	−0.4490+1.1354i
73.1	−1.0587−1.0507i	0.4070+0.2374i	1.6982+2.8142i	0.2208−0.2294i	0.4756−1.2906i	−1.0503−0.1289i	1.1225−0.0588i	−0.4563+1.1397i
73.2	−1.0440−1.0174i	0.3920+0.2352i	1.7226+2.7251i	0.2264−0.2341i	0.4103−1.2177i	−1.0402−0.0864i	1.0865−0.2205i	−0.4837+1.1643i
73.3	−1.0965−1.0430i	0.3978+0.2556i	1.7108+2.7710i	0.2471−0.2334i	0.3262−1.1971i	−1.0588−0.0549i	1.0902−0.2270i	−0.4749+1.1824i
73.4	−1.1005−1.0345i	0.3793+0.2608i	1.6954+2.7270i	0.2482−0.2376i	0.2728−1.1863i	−1.0266−0.0594i	1.1609−0.2161i	−0.3980+1.1400i
73.5	−1.1206−0.9814i	0.3660+0.2628i	1.7165+2.6816i	0.2464−0.2720i	0.2071−1.1588i	−0.9580−0.0553i	0.9213−0.2564i	−0.3016+1.2181i
73.6	−1.1530−0.9648i	0.3722+0.2705i	1.7675+2.6284i	0.2436−0.2886i	0.1517−1.1428i	−0.9627−0.0267i	0.8230−0.4127i	−0.3574+1.2366i
73.7	−1.1762−0.9459i	0.3659+0.2940i	1.7641+2.6347i	0.2584−0.2809i	0.0946−1.1288i	−0.9643−0.1083i	0.8575−0.2850i	−0.3039+1.0743i
73.8	−1.1854−0.9269i	0.3662+0.3101i	1.7321+2.6105i	0.2432−0.2815i	0.0739−1.1164i	−0.9005−0.1400i	0.7131−0.2303i	−0.2380+1.0943i
73.9	−1.1870−0.9248i	0.3690+0.3133i	1.7026+2.6062i	0.2341−0.2768i	0.0316−1.1190i	−0.9031−0.1393i	0.6279−0.3320i	−0.2603+1.2027i
74.0	−1.1935−0.9324i	0.3668+0.3268i	1.6428+2.5681i	0.2483−0.2981i	0.0005−1.1189i	−0.8913−0.1185i	0.5465−0.3651i	−0.2476+1.2383i
74.1	−1.1793−0.8741i	0.3543+0.3216i	1.6698+2.4631i	0.2313−0.3462i	−0.0223−1.0631i	−0.8789−0.0950i	0.5316−0.2328i	−0.1461+1.1743i
74.2	−1.2057−0.8330i	0.3714+0.3300i	1.7279+2.4798i	0.2898−0.3406i	−0.1437−0.9664i	−0.9667−0.1325i	0.5949−0.1665i	−0.1361+1.1983i
74.3	−1.1839−0.8331i	0.3671+0.3475i	1.6691+2.5145i	0.2933−0.3360i	−0.1411−0.9561i	−0.9264−0.1065i	0.5114−0.1750i	−0.1875+1.2423i
74.4	−1.1815−0.7979i	0.3706+0.3496i	1.6602+2.5118i	0.2641−0.3772i	−0.1582−0.9335i	−0.9077−0.0580i	0.4564−0.1983i	−0.1286+1.2837i
74.5	−1.2318−0.7805i	0.3926+0.3715i	1.6857+2.5463i	0.2566−0.3981i	−0.2013−0.9582i	−0.8997−0.0882i	0.5767−0.2291i	−0.1424+1.2616i
74.6	−1.2300−0.7961i	0.3978+0.3726i	1.7334+2.5018i	0.2244−0.3956i	−0.2112−0.9501i	−0.8835−0.0698i	0.6781−0.3576i	−0.1618+1.2136i
74.7	−1.2113−0.7622i	0.3940+0.3634i	1.7226+2.4263i	0.2159−0.4328i	−0.2125−0.9145i	−0.8289−0.0240i	0.4753−0.4461i	−0.1164+1.3890i
74.8	−1.2165−0.7783i	0.4042+0.3948i	1.6854+2.4903i	0.1977−0.3912i	−0.2619−0.9122i	−0.8059−0.0923i	0.3330−0.3921i	0.0228+1.4463i
74.9	−1.2055−0.7544i	0.3974+0.3965i	1.6947+2.4754i	0.1946−0.4203i	−0.2535−0.8553i	−0.7871−0.0997i	0.3959−0.3200i	0.0158+1.3734i

75.0	−1.1748−0.7219i	0.4039+0.3949i	1.7532+2.3641i	0.1742−0.4680i	−0.2168−0.7914i	−0.7708−0.0164i	0.3335−0.5411i	−0.1260+1.4364i
75.1	−1.1610−0.7367i	0.4043+0.4081i	1.6916+2.3624i	0.1610−0.4741i	−0.2151−0.8036i	−0.7523−0.0518i	0.2479−0.4343i	−0.0634+1.4715i
75.2	−1.1923−0.7198i	0.4186+0.4149i	1.7332+2.3739i	0.1517−0.4756i	−0.2541−0.7979i	−0.7263−0.0956i	0.3111−0.3883i	0.0769+1.3711i
75.3	−1.2013−0.7257i	0.4202+0.4333i	1.7704+2.3729i	0.1070−0.4689i	−0.2343−0.8145i	−0.6799−0.1130i	0.3660−0.4453i	0.0771+1.3415i
75.4	−1.2448−0.7201i	0.4372+0.4522i	1.7761+2.3905i	0.0986−0.4960i	−0.2601−0.8177i	−0.6471−0.1205i	0.3669−0.4538i	0.1021+1.2797i
75.5	−1.2604−0.7456i	0.4536+0.4687i	1.7582+2.3773i	0.0730−0.4827i	−0.2776−0.7943i	−0.5803−0.1562i	0.2199−0.4479i	0.1949+1.3247i
75.6	−1.2389−0.7493i	0.4410+0.4652i	1.7103+2.3068i	0.0844−0.4664i	−0.2599−0.7870i	−0.5153−0.2143i	0.1630−0.4335i	0.1805+1.2829i
75.7	−1.2299−0.7687i	0.4416+0.4774i	1.6652+2.2503i	0.0388−0.4509i	−0.2470−0.8352i	−0.4361−0.2002i	0.0801−0.5087i	0.1647+1.3990i
75.8	−1.2247−0.7468i	0.4513+0.4749i	1.6805+2.1747i	−0.0045−0.4517i	−0.2897−0.8127i	−0.4282−0.2147i	0.1356−0.5133i	0.2060+1.3550i
75.9	−1.3049−0.7625i	0.4830+0.5045i	1.6708+2.2211i	0.0319−0.4489i	−0.3173−0.8358i	−0.3873−0.3112i	0.1040−0.5315i	0.2205+1.4391i
76.0	−1.3051−0.7491i	0.4773+0.5100i	1.6159+2.2451i	0.0195−0.4661i	−0.3109−0.8610i	−0.3591−0.3925i	−0.0627−0.4562i	0.3024+1.5269i
76.1	−1.3291−0.7646i	0.4957+0.5233i	1.5967+2.2303i	0.0169−0.4445i	−0.3629−0.8428i	−0.3996−0.4608i	−0.0214−0.4852i	0.2871+1.4013i
76.2	−1.3169−0.8053i	0.5043+0.5534i	1.5339+2.1797i	−0.0496−0.4080i	−0.3783−0.8581i	−0.3255−0.5276i	0.0907−0.3910i	0.3756+1.2667i
76.3	−1.3961−0.7622i	0.5285+0.5569i	1.4729+2.1738i	−0.0436−0.4242i	−0.4173−0.8570i	−0.2637−0.6139i	−0.0598−0.2681i	0.4790+1.3592i
76.4	−1.4431−0.7504i	0.5532+0.5660i	1.4858+2.1837i	−0.0344−0.4228i	−0.4884−0.8320i	−0.2966−0.7026i	−0.1489−0.2690i	0.4343+1.3194i
76.5	−1.4120−0.6927i	0.5504+0.5501i	1.4599+2.1631i	−0.0698−0.4758i	−0.4872−0.8167i	−0.3155−0.7196i	−0.1965−0.2583i	0.5424+1.3746i
76.6	−1.3812−0.6526i	0.5769+0.5614i	1.3736+2.1889i	−0.1172−0.4252i	−0.5215−0.8565i	−0.3873−0.9038i	−0.1513−0.2035i	0.7287+1.2922i
76.7	−1.4353−0.6836i	0.5950+0.5882i	1.3408+2.1932i	−0.1281−0.4272i	−0.5539−0.8770i	−0.3566−0.9819i	−0.2028−0.0922i	0.7865+1.4381i
76.8	−1.4252−0.6715i	0.6090+0.5962i	1.2539+2.2203i	−0.1664−0.4138i	−0.6067−0.8679i	−0.4259−1.1281i	−0.1909−0.0125i	0.7516+1.2657i
76.9	−1.4635−0.6674i	0.6374+0.6121i	1.2582+2.2458i	−0.1604−0.3921i	−0.6232−0.8424i	−0.5325−1.2602i	−0.1868−0.0425i	0.8203+1.2490i
77.0	−1.4678−0.6542i	0.6446+0.6283i	1.2147+2.3465i	−0.1847−0.4146i	−0.6674−0.7987i	−0.5864−1.3413i	−0.1832+0.0275i	1.0124+1.3141i
77.1	−1.4420−0.6657i	0.6432+0.6463i	1.1728+2.3647i	−0.1912−0.4264i	−0.6332−0.8034i	−0.5884−1.4322i	−0.2501+0.0461i	1.0508+1.3844i
77.2	−1.4282−0.6990i	0.6700+0.6803i	1.0548+2.4407i	−0.2212−0.3540i	−0.6979−0.8350i	−0.7789−1.5663i	−0.2352+0.0721i	1.0807+1.4292i
77.3	−1.4774−0.6995i	0.7367+0.7016i	1.1417+2.5500i	−0.2417−0.3532i	−0.7502−0.8083i	−1.0693−1.6202i	−0.1079+0.1091i	1.1704+1.3299i
77.4	−1.4796−0.7075i	0.7585+0.7071i	1.1498+2.5778i	−0.3353−0.3531i	−0.7586−0.7993i	−1.1636−1.6178i	−0.0037+0.0928i	1.2339+1.2118i
77.5	−1.5075−0.7422i	0.8057+0.7139i	1.2691+2.6295i	−0.3800−0.2977i	−0.7690−0.7680i	−1.2856−1.6418i	0.0686+0.0002i	1.2437+1.0474i
77.6	−1.5516−0.8061i	0.8572+0.7301i	1.2152+2.7841i	−0.3424−0.2370i	−0.8248−0.7400i	−1.4643−1.6369i	0.0460−0.0234i	1.2533+1.0412i
77.7	−1.5270−0.7991i	0.8984+0.7536i	1.2322+2.8301i	−0.2811−0.2031i	−0.8488−0.7345i	−1.7993−1.6913i	0.0422+0.0155i	1.2604+1.0128i
77.8	−1.6348−0.8535i	0.9641+0.7753i	1.3495+2.9922i	−0.2744−0.2033i	−0.8882−0.7538i	−1.9540−1.7156i	0.0279−0.0299i	1.3809+1.0476i
77.9	−1.7118−0.8550i	1.0192+0.7490i	1.3577+3.0589i	−0.2501−0.1943i	−0.9292−0.7180i	−2.1353−1.5768i	0.0235−0.0362i	1.4686+0.9069i
78.0	−1.8027−0.8677i	1.0862+0.7141i	1.4123+3.1155i	−0.2403−0.1796i	−0.9654−0.6588i	−2.3351−1.3802i	−0.0595−0.0489i	1.5842+0.7976i
78.1	−1.9212−0.8583i	1.1785+0.6956i	1.4976+3.0716i	−0.2867−0.1916i	−1.0337−0.6372i	−2.6110−1.2830i	−0.0995+0.0456i	1.8662+0.6672i
78.2	−2.0657−0.8382i	1.2628+0.6526i	1.6743+3.0884i	−0.3075−0.1878i	−1.0955−0.5805i	−2.7568−1.1087i	−0.0954−0.0529i	1.8148+0.5779i
78.3	−2.1375−0.7371i	1.2968+0.5428i	1.7930+3.0430i	−0.2980−0.2118i	−1.0996−0.4722i	−2.7943−0.6524i	−0.1741+0.0429i	1.8758+0.4776i
78.4	−2.1945−0.7024i	1.3096+0.5074i	1.7284+3.0902i	−0.3452−0.2014i	−1.1084−0.4560i	−2.8344−0.4855i	−0.2779+0.0722i	1.8352+0.5542i
78.5	−2.2808−0.6885i	1.3275+0.4911i	1.6468+3.0182i	−0.3960−0.1648i	−1.1307−0.4517i	−2.8620−0.4362i	−0.3179+0.1293i	2.0073+0.4680i
78.6	−2.2930−0.5039i	1.3275+0.3874i	1.4727+2.9079i	−0.4205−0.0817i	−1.1152−0.3866i	−2.9601−0.1259i	−0.1794+0.0613i	1.7379−0.0264i
78.7	−2.2910−0.3317i	1.3019+0.2819i	1.3930+2.8842i	−0.4487−0.0373i	−1.0993−0.3078i	−2.8566+0.2484i	−0.2476+0.0421i	1.7734−0.0229i
78.8	−2.3043−0.1512i	1.2662+0.1805i	1.3046+2.9679i	−0.5216+0.0167i	−1.0771−0.2189i	−2.7072+0.6050i	−0.2552+0.0586i	1.6606−0.1584i
78.9	−1.9862−0.0721i	1.0540+0.1858i	0.6427+3.2340i	−0.5043+0.1634i	−0.9591−0.1900i	−2.2019+0.6520i	−0.3038+0.1847i	1.3843−0.2152i
79.0	−1.8764−0.4188i	1.0242+0.4631i	0.9703+4.2669i	−0.4002+0.2132i	−0.8377−0.3398i	−2.1417+0.0460i	−0.3010+0.2201i	1.1750+0.1757i
79.1	−2.3019−0.5397i	1.3267+0.5174i	2.0355+4.4645i	−0.3884+0.1737i	−0.9912−0.4715i	−2.8206+0.2806i	−0.1765+0.1330i	1.4170+0.1573i
79.2	−2.5251−0.3928i	1.4499+0.4116i	2.2742+4.2035i	−0.4243+0.2352i	−1.1034−0.4439i	−2.9676+0.7526i	−0.1071+0.1711i	1.5414−0.1982i
79.3	−2.5771−0.2579i	1.5023+0.3346i	2.3447+4.0798i	−0.3739+0.2911i	−1.1655−0.3861i	−2.9858+1.0402i	−0.0082+0.2394i	1.5859−0.4658i
79.4	−2.5558−0.1293i	1.4708+0.2557i	2.4084+4.2032i	−0.4019+0.3523i	−1.1837−0.3191i	−2.5447+1.3690i	−0.0643+0.1711i	1.4408−0.6448i
79.5	−2.5445+0.0086i	1.4350+0.1561i	2.3461+4.2562i	−0.3745+0.4090i	−1.1787−0.2501i	−2.1141+1.8020i	−0.2329+0.0579i	1.2468−0.7103i
79.6	−2.4758+0.0735i	1.4012+0.1247i	2.4932+4.1117i	−0.3301+0.4856i	−1.1872−0.2506i	−1.8333+1.8810i	−0.2496+0.1064i	1.1093−0.7971i
79.7	−2.4954+0.0988i	1.4237+0.1296i	2.7528+4.1288i	−0.2519+0.5455i	−1.2098−0.2477i	−1.7402+1.8808i	−0.1663+0.1555i	1.0797−0.8646i
79.8	−2.5251+0.1177i	1.4316+0.1120i	2.8984+4.1442i	−0.1795+0.5753i	−1.2255−0.2436i	−1.4313+1.8396i	−0.1476+0.1002i	0.9112−0.7407i
79.9	−2.5792+0.1574i	1.4447+0.0936i	3.1635+4.2572i	−0.1221+0.6046i	−1.2711−0.2186i	−1.0822+1.8362i	−0.1429+0.1198i	0.7727−0.7857i
80.0	−2.5846+0.2524i	1.4415+0.0557i	3.3726+4.2502i	−0.0670+0.6360i	−1.3143−0.1665i	−0.7568+1.8180i	−0.2239+0.1741i	0.7008−0.8509i

2.1.30 Run 3 – IP315 – Accels 41–47

In-plane shaking at 315°. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	31.8250+0.0000i	22.0304+0.0000i	-7.8151+0.0000i	11.7813+0.0000i	15.4379+0.0000i	15.4540+0.0000i	12.4546+0.0000i
0.1	31.6302+0.4487i	22.1568+0.5936i	-7.7874+0.2877i	11.7031+0.1114i	15.3139-0.1255i	14.9906-0.9218i	12.4331+0.0320i
0.2	0.0596-1.2061i	-2.3126-2.3976i	-0.4482-2.2552i	0.1667+0.1199i	0.1853+0.3475i	1.3713+0.1274i	0.2576-0.6480i
0.3	0.0294+0.0427i	-0.5523+0.2415i	-0.1838+0.0865i	-0.0098-0.0286i	-0.0150-0.0094i	0.5260+0.6395i	-0.0387-0.1898i
0.4	-0.0059+0.0265i	0.1255+0.0381i	-0.0406-0.0543i	-0.0168-0.0352i	0.0116-0.0423i	0.4187+0.1779i	0.0033+0.0036i
0.5	-0.0382-0.0068i	0.0641+0.0113i	-0.0180+0.0107i	-0.0091-0.0111i	0.0339+0.0004i	-0.0099-0.0766i	0.0228+0.0065i
0.6	-0.0306-0.0078i	0.0580+0.0211i	-0.0074+0.0033i	-0.0270-0.0046i	0.0510+0.0056i	-0.0256-0.1111i	0.0552+0.0074i
0.7	-0.0378-0.0073i	0.0664+0.0106i	-0.0081+0.0003i	-0.0366-0.0046i	0.0619+0.0055i	-0.0055-0.0187i	0.0651+0.0040i
0.8	-0.0451-0.0079i	0.0859+0.0105i	-0.0066-0.0019i	-0.0410-0.0053i	0.0809+0.0080i	0.0111-0.0023i	0.0837+0.0053i
0.9	-0.0585-0.0095i	0.1072+0.0034i	-0.0118+0.0010i	-0.0552-0.0069i	0.1042+0.0000i	0.0113+0.0027i	0.1051+0.0036i
1.0	-0.0703-0.0140i	0.1127-0.0084i	-0.0187+0.0021i	-0.0673-0.0100i	0.1090-0.0095i	-0.0096+0.0056i	0.1141-0.0019i
1.1	-0.0997-0.0181i	0.1919-0.0879i	-0.0239-0.0044i	-0.0932+0.0053i	0.1906-0.0942i	-0.0046-0.0346i	0.1847-0.0567i
1.2	-0.1433-0.0252i	0.2087-0.0801i	-0.0262-0.0022i	-0.1159+0.0014i	0.2132-0.0765i	0.0011+0.0104i	0.2371-0.0434i
1.3	-0.2053-0.0456i	0.2552-0.1487i	-0.0354-0.0033i	-0.1386+0.0145i	0.2588-0.1394i	-0.0203+0.0098i	0.3260-0.0617i
1.4	-0.3176-0.0348i	0.1829-0.0901i	-0.0431-0.0046i	-0.1242-0.0064i	0.2020-0.0861i	-0.0211+0.0052i	0.4465-0.0643i
1.5	-0.3589+0.0974i	0.4198+0.1576i	-0.0496+0.0001i	-0.1815-0.0890i	0.4360+0.1326i	-0.0244-0.0076i	0.6276-0.1670i
1.6	-0.2929+0.1399i	0.9132+0.0583i	-0.0512+0.0019i	-0.3099-0.1128i	0.8993+0.0251i	-0.0246-0.0134i	0.7627-0.3611i
1.7	-0.3055+0.1066i	1.1163-0.5108i	-0.0604+0.0011i	-0.4250-0.0763i	1.0847-0.5249i	-0.0252-0.0210i	0.7637-0.7590i
1.8	-0.4167+0.0750i	0.8424-1.4532i	-0.0788+0.0043i	-0.5639-0.0166i	0.8124-1.4344i	-0.0515-0.0335i	0.4402-1.4401i
1.9	-0.5937+0.0270i	-0.0071-1.7315i	-0.1008+0.0037i	-0.7251+0.0085i	-0.0118-1.6919i	-0.0972-0.0344i	-0.3109-1.5317i
2.0	-0.9331-0.0015i	-0.5941-1.5086i	-0.1376+0.0014i	-1.0343-0.0001i	-0.5702-1.4687i	-0.1382-0.0281i	-0.7853-1.2614i
2.1	-1.6259+0.0950i	-0.8879-1.1429i	-0.2130+0.0103i	-1.7198+0.0859i	-0.8341-1.1126i	-0.2201-0.0133i	-1.0257-0.9073i
2.2	-2.7023+0.3865i	-0.9921-0.9283i	-0.3322+0.0396i	-2.8200+0.3647i	-0.9033-0.9119i	-0.3341+0.0218i	-1.1616-0.6950i
2.3	-1.9249+1.0783i	-1.0357-0.6202i	-0.2499+0.1147i	-2.0139+1.0772i	-0.9686-0.6324i	-0.2567+0.1064i	-1.0956-0.3879i
2.4	2.7900+0.7042i	-0.6504-0.4875i	0.2555+0.0828i	2.8291+0.7722i	-0.7192-0.4901i	0.2491+0.0753i	-0.3769-0.3117i
2.5	1.8558+0.4444i	-0.6416-0.3919i	0.1506+0.0533i	1.8716+0.4871i	-0.6841-0.3903i	0.1511+0.0459i	-0.4312-0.2571i
2.6	1.3720+0.2531i	-0.6413-0.3433i	0.0939+0.0320i	1.3814+0.2825i	-0.6697-0.3384i	0.0979+0.0242i	-0.4567-0.2337i
2.7	1.1243+0.1499i	-0.6318-0.3062i	0.0632+0.0195i	1.1309+0.1731i	-0.6537-0.2995i	0.0687+0.0140i	-0.4591-0.2124i
2.8	0.9782+0.1113i	-0.6099-0.2845i	0.0437+0.0144i	0.9826+0.1314i	-0.6283-0.2770i	0.0498+0.0088i	-0.4463-0.1982i
2.9	0.8619+0.0968i	-0.5910-0.2638i	0.0256+0.0122i	0.8652+0.1144i	-0.6058-0.2566i	0.0373+0.0052i	-0.4324-0.1830i
3.0	0.7603+0.0733i	-0.5786-0.2262i	0.0079+0.0088i	0.7624+0.0861i	-0.5911-0.2197i	0.0260+0.0008i	-0.4197-0.1545i
3.1	0.7015+0.0685i	-0.5853-0.2211i	-0.0043+0.0089i	0.7053+0.0808i	-0.5950-0.2137i	0.0144-0.0001i	-0.4196-0.1507i
3.2	0.6558+0.0610i	-0.5816-0.1958i	-0.0159+0.0078i	0.6593+0.0708i	-0.5895-0.1892i	0.0047+0.0014i	-0.4119-0.1347i
3.3	0.6167+0.0534i	-0.5775-0.1976i	-0.0261+0.0073i	0.6208+0.0646i	-0.5851-0.1910i	-0.0033-0.0004i	-0.4048-0.1362i
3.4	0.5917+0.0442i	-0.5623-0.1830i	-0.0348+0.0048i	0.5946+0.0548i	-0.5696-0.1765i	-0.0095-0.0030i	-0.3897-0.1253i
3.5	0.5584+0.0430i	-0.5520-0.1555i	-0.0470+0.0046i	0.5626+0.0516i	-0.5579-0.1507i	-0.0200-0.0018i	-0.3755-0.1066i
3.6	0.5347+0.0401i	-0.5490-0.1521i	-0.0574+0.0041i	0.5396+0.0489i	-0.5544-0.1472i	-0.0278-0.0029i	-0.3693-0.1046i
3.7	0.5132+0.0389i	-0.5478-0.1259i	-0.0687+0.0026i	0.5186+0.0435i	-0.5532-0.1204i	-0.0339-0.0028i	-0.3622-0.0848i
3.8	0.4958+0.0399i	-0.5503-0.1392i	-0.0804+0.0043i	0.5018+0.0465i	-0.5546-0.1340i	-0.0435-0.0034i	-0.3579-0.0956i
3.9	0.4838+0.0372i	-0.5412-0.1607i	-0.0909+0.0046i	0.4896+0.0463i	-0.5450-0.1545i	-0.0521-0.0035i	-0.3464-0.1126i
4.0	0.4703+0.0357i	-0.5438-0.1414i	-0.1025+0.0039i	0.4761+0.0418i	-0.5460-0.1353i	-0.0610-0.0029i	-0.3432-0.0985i
4.1	0.4579+0.0359i	-0.5459-0.1121i	-0.1142+0.0019i	0.4639+0.0404i	-0.5479-0.1072i	-0.0704-0.0010i	-0.3403-0.0763i
4.2	0.4469+0.0386i	-0.5378-0.0991i	-0.1278+0.0021i	0.4540+0.0420i	-0.5409-0.0946i	-0.0789-0.0019i	-0.3286-0.0672i
4.3	0.4370+0.0406i	-0.5445-0.0905i	-0.1430+0.0029i	0.4430+0.0410i	-0.5474-0.0865i	-0.0922-0.0041i	-0.3261-0.0604i
4.4	0.4305+0.0430i	-0.5418-0.0933i	-0.1576+0.0057i	0.4376+0.0468i	-0.5445-0.0894i	-0.1042-0.0010i	-0.3184-0.0646i
4.5	0.4287+0.0415i	-0.5235-0.0766i	-0.1720+0.0025i	0.4340+0.0441i	-0.5260-0.0734i	-0.1122-0.0040i	-0.2987-0.0505i
4.6	0.4248+0.0373i	-0.5107-0.0765i	-0.1873+0.0020i	0.4286+0.0391i	-0.5128-0.0730i	-0.1224-0.0033i	-0.2822-0.0499i
4.7	0.4180+0.0388i	-0.5080-0.0757i	-0.2083+0.0042i	0.4239+0.0386i	-0.5097-0.0726i	-0.1376-0.0029i	-0.2722-0.0512i
4.8	0.4048+0.0434i	-0.4971-0.0742i	-0.2284+0.0050i	0.4125+0.0464i	-0.5002-0.0701i	-0.1557-0.0046i	-0.2573-0.0495i
4.9	0.3957+0.0456i	-0.4961-0.0765i	-0.2522+0.0067i	0.4041+0.0498i	-0.4982-0.0720i	-0.1740-0.0034i	-0.2493-0.0510i
5.0	0.3887+0.0468i	-0.4893-0.0852i	-0.2780+0.0088i	0.3979+0.0514i	-0.4899-0.0804i	-0.1926+0.0005i	-0.2355-0.0584i
5.1	0.3819+0.0503i	-0.4816-0.0925i	-0.3037+0.0155i	0.3899+0.0558i	-0.4821-0.0870i	-0.2130+0.0049i	-0.2240-0.0649i
5.2	0.3791+0.0565i	-0.4835-0.0953i	-0.3320+0.0181i	0.3889+0.0601i	-0.4833-0.0914i	-0.2317+0.0059i	-0.2175-0.0679i
5.3	0.3715+0.0636i	-0.4911-0.1128i	-0.3652+0.0235i	0.3836+0.0675i	-0.4912-0.1100i	-0.2635+0.0108i	-0.2147-0.0833i
5.4	0.3682+0.0749i	-0.4907-0.1195i	-0.3988+0.0357i	0.3816+0.0790i	-0.4905-0.1159i	-0.2957+0.0193i	-0.2084-0.0879i
5.5	0.3711+0.0831i	-0.4842-0.1067i	-0.4325+0.0501i	0.3827+0.0881i	-0.4845-0.1040i	-0.3218+0.0341i	-0.1955-0.0779i
5.6	0.3705+0.0903i	-0.4895-0.1020i	-0.4693+0.0571i	0.3837+0.0943i	-0.4903-0.0998i	-0.3486+0.0436i	-0.1914-0.0726i

5.7	0.3717+0.0968i	-0.5170-0.0976i	-0.5146+0.0651i	0.3864+0.0981i	-0.5172-0.0959i	-0.3854+0.0499i	-0.2074-0.0677i
5.8	0.3740+0.1105i	-0.5418-0.1027i	-0.5533+0.0922i	0.3899+0.1093i	-0.5410-0.1013i	-0.4217+0.0708i	-0.2192-0.0704i
5.9	0.3914+0.1259i	-0.5496-0.1070i	-0.5847+0.1122i	0.4094+0.1252i	-0.5472-0.1056i	-0.4454+0.0910i	-0.2131-0.0725i
6.0	0.4148+0.1214i	-0.5495-0.0945i	-0.6219+0.1113i	0.4332+0.1196i	-0.5481-0.0910i	-0.4711+0.0963i	-0.1999-0.0607i
6.1	0.4281+0.1088i	-0.5453-0.0799i	-0.6802+0.1111i	0.4463+0.1063i	-0.5440-0.0770i	-0.5176+0.0960i	-0.1858-0.0496i
6.2	0.4257+0.0985i	-0.5543-0.0699i	-0.7612+0.1135i	0.4470+0.0964i	-0.5515-0.0676i	-0.5801+0.0958i	-0.1825-0.0414i
6.3	0.4180+0.0911i	-0.5474-0.0712i	-0.8693+0.1249i	0.4414+0.0881i	-0.5458-0.0707i	-0.6769+0.1071i	-0.1683-0.0402i
6.4	0.4112+0.0990i	-0.5532-0.0510i	-1.0165+0.1569i	0.4374+0.0935i	-0.5535-0.0521i	-0.8047+0.1379i	-0.1640-0.0246i
6.5	0.4046+0.1013i	-0.5592-0.0456i	-1.1439+0.2043i	0.4358+0.0974i	-0.5606-0.0484i	-0.9072+0.1801i	-0.1610-0.0223i
6.6	0.4045+0.1041i	-0.5577-0.0394i	-1.3695+0.2923i	0.4420+0.0987i	-0.5590-0.0427i	-1.0963+0.2588i	-0.1488-0.0144i
6.7	0.4167+0.1134i	-0.5633-0.0389i	-1.5813+0.4511i	0.4591+0.1035i	-0.5641-0.0407i	-1.2903+0.3972i	-0.1412-0.0134i
6.8	0.4235+0.1164i	-0.5637-0.0389i	-1.8800+0.6395i	0.4760+0.1028i	-0.5653-0.0406i	-1.5488+0.5629i	-0.1338-0.0109i
6.9	0.4342+0.1354i	-0.5648-0.0317i	-2.2757+1.1592i	0.4964+0.1087i	-0.5680-0.0331i	-1.8931+1.0234i	-0.1240+0.0027i
7.0	0.4490+0.1480i	-0.5658-0.0300i	-2.8367+2.2802i	0.5246+0.0962i	-0.5725-0.0296i	-2.3801+2.0181i	-0.1156+0.0180i
7.1	0.4845+0.1370i	-0.5594-0.0161i	-2.0310+3.8048i	0.5451+0.0458i	-0.5677-0.0109i	-1.6547+3.3671i	-0.0888+0.0443i
7.2	0.5130+0.0927i	-0.5329-0.0040i	0.1039+4.3935i	0.5235-0.0163i	-0.5387+0.0069i	0.2462+3.8812i	-0.0302+0.0586i
7.3	0.4765+0.0658i	-0.5147-0.0192i	1.2366+3.4660i	0.4582-0.0211i	-0.5169-0.0071i	1.2528+3.0562i	0.0064+0.0357i
7.4	0.4638+0.0729i	-0.5295-0.0398i	1.8001+2.4807i	0.4303+0.0088i	-0.5260-0.0305i	1.7465+2.1754i	0.0137+0.0091i
7.5	0.4553+0.0723i	-0.5475-0.0444i	1.7803+1.3222i	0.4236+0.0372i	-0.5426-0.0390i	1.7361+1.1544i	0.0162-0.0028i
7.6	0.4491+0.0773i	-0.5588-0.0464i	1.3471+0.8413i	0.4294+0.0524i	-0.5542-0.0418i	1.3656+0.7324i	0.0172-0.0059i
7.7	0.4471+0.0866i	-0.5603-0.0404i	0.9490+0.7425i	0.4349+0.0616i	-0.5547-0.0379i	1.0162+0.6449i	0.0262+0.0017i
7.8	0.4594+0.1087i	-0.5635-0.0376i	0.6776+0.7615i	0.4520+0.0811i	-0.5594-0.0348i	0.7848+0.6574i	0.0406+0.0153i
7.9	0.4727+0.1205i	-0.5687-0.0388i	0.6352+0.8025i	0.4666+0.0938i	-0.5631-0.0365i	0.7559+0.6928i	0.0593+0.0185i
8.0	0.4886+0.1205i	-0.5706-0.0356i	0.5981+0.7362i	0.4820+0.0952i	-0.5658-0.0344i	0.7311+0.6335i	0.0828+0.0200i
8.1	0.5011+0.1297i	-0.5737-0.0410i	0.5305+0.6992i	0.4978+0.1056i	-0.5712-0.0371i	0.6838+0.5985i	0.1010+0.0217i
8.2	0.5102+0.1348i	-0.5810-0.0385i	0.4871+0.6521i	0.5099+0.1115i	-0.5786-0.0360i	0.6521+0.5595i	0.1165+0.0222i
8.3	0.5211+0.1329i	-0.5825-0.0353i	0.3511+0.6095i	0.5249+0.1096i	-0.5839-0.0342i	0.5499+0.5220i	0.1363+0.0222i
8.4	0.5295+0.1228i	-0.5845-0.0363i	0.2420+0.6160i	0.5334+0.0980i	-0.5877-0.0329i	0.4635+0.5230i	0.1492+0.0220i
8.5	0.5545+0.1224i	-0.5850-0.0403i	0.0795+0.6479i	0.5648+0.0966i	-0.5885-0.0361i	0.3357+0.5456i	0.1761+0.0253i
8.6	0.5740+0.1148i	-0.5893-0.0400i	-0.0450+0.7279i	0.5889+0.0868i	-0.5920-0.0358i	0.2369+0.6073i	0.1939+0.0278i
8.7	0.5898+0.0878i	-0.5918-0.0445i	-0.1583+0.8642i	0.6078+0.0541i	-0.5949-0.0402i	0.1531+0.7203i	0.2146+0.0290i
8.8	0.5940+0.0821i	-0.5923-0.0479i	-0.2647+0.9799i	0.6172+0.0429i	-0.5968-0.0411i	0.0739+0.8150i	0.2336+0.0366i
8.9	0.6045+0.0582i	-0.5987-0.0573i	-0.3961+1.2843i	0.6311+0.0103i	-0.6034-0.0455i	-0.0150+1.0621i	0.2620+0.0451i
9.0	0.6196+0.0219i	-0.6036-0.0828i	-0.3846+1.6911i	0.6429-0.0439i	-0.6099-0.0642i	0.0024+1.3904i	0.2886+0.0341i
9.1	0.6077-0.0051i	-0.6169-0.1045i	-0.1447+1.9463i	0.6208-0.0824i	-0.6233-0.0809i	0.2086+1.6039i	0.3179+0.0356i
9.2	0.6107+0.0039i	-0.6270-0.1208i	-0.1938+2.0919i	0.6258-0.0793i	-0.6314-0.0932i	0.1866+1.7236i	0.3415+0.0506i
9.3	0.6207-0.0390i	-0.6792-0.1389i	0.3562+2.8489i	0.6088-0.1485i	-0.6701-0.1032i	0.6591+2.3248i	0.3967+0.0755i
9.4	0.5821-0.0805i	-0.7367-0.1169i	1.4871+2.8712i	0.5258-0.1899i	-0.7077-0.0868i	1.6049+2.3103i	0.4751+0.0731i
9.5	0.5511-0.0797i	-0.7536-0.0863i	1.9712+2.2634i	0.4768-0.1593i	-0.7193-0.0685i	2.0014+1.7988i	0.5308+0.0377i
9.6	0.5126-0.0651i	-0.7651-0.0535i	2.1597+1.5377i	0.4314-0.1143i	-0.7298-0.0454i	2.1540+1.1915i	0.5748-0.0012i
9.7	0.4898-0.0455i	-0.7664-0.0396i	2.0367+1.1513i	0.4117-0.0771i	-0.7319-0.0382i	2.0539+0.8708i	0.6024-0.0334i
9.8	0.4792-0.0195i	-0.7710-0.0294i	1.8732+0.8890i	0.4080-0.0384i	-0.7413-0.0313i	1.9227+0.6477i	0.6384-0.0711i
9.9	0.4790+0.0038i	-0.7780-0.0297i	1.7108+0.7491i	0.4203-0.0042i	-0.7523-0.0341i	1.7969+0.5196i	0.6689-0.1241i
10.0	0.4860+0.0251i	-0.7831-0.0076i	1.6240+0.6972i	0.4341+0.0246i	-0.7621-0.0116i	1.7351+0.4610i	0.6659-0.1626i
10.1	0.5129+0.0294i	-0.7748+0.0172i	1.6061+0.6210i	0.4721+0.0363i	-0.7534+0.0141i	1.7099+0.3898i	0.6527-0.1793i
10.2	0.5366+0.0134i	-0.7632+0.0170i	1.5820+0.5203i	0.5020+0.0284i	-0.7445+0.0152i	1.6755+0.3148i	0.6506-0.1734i
10.3	0.5524+0.0039i	-0.7604-0.0041i	1.5326+0.4021i	0.5234+0.0259i	-0.7416-0.0017i	1.6344+0.2293i	0.6656-0.1716i
10.4	0.5428-0.0055i	-0.7600-0.0225i	1.4672+0.3030i	0.5287+0.0229i	-0.7387-0.0205i	1.5907+0.1594i	0.6986-0.1656i
10.5	0.5326-0.0092i	-0.7773-0.0311i	1.3828+0.2514i	0.5328+0.0187i	-0.7550-0.0315i	1.5311+0.1216i	0.7274-0.1774i
10.6	0.5247-0.0124i	-0.7996-0.0361i	1.3128+0.2219i	0.5357+0.0135i	-0.7754-0.0360i	1.4837+0.0990i	0.7493-0.1826i
10.7	0.5205-0.0063i	-0.8316-0.0421i	1.2268+0.1790i	0.5434+0.0104i	-0.8075-0.0439i	1.4304+0.0650i	0.7714-0.1991i
10.8	0.5182+0.0018i	-0.8526-0.0408i	1.1668+0.1641i	0.5487+0.0093i	-0.8293-0.0436i	1.3939+0.0527i	0.7929-0.2047i
10.9	0.5171+0.0098i	-0.8783-0.0355i	1.1094+0.1563i	0.5542+0.0119i	-0.8536-0.0400i	1.3591+0.0481i	0.8210-0.2005i
11.0	0.5224+0.0166i	-0.9001-0.0310i	1.0717+0.1449i	0.5628+0.0118i	-0.8739-0.0354i	1.3393+0.0419i	0.8466-0.2000i
11.1	0.5275+0.0226i	-0.9266-0.0223i	1.0236+0.1283i	0.5689+0.0091i	-0.9026-0.0275i	1.3178+0.0279i	0.8865-0.2041i
11.2	0.5329+0.0265i	-0.9484-0.0173i	0.9902+0.1212i	0.5767+0.0093i	-0.9238-0.0230i	1.3044+0.0268i	0.9109-0.1913i
11.3	0.5386+0.0317i	-0.9808-0.0100i	0.9350+0.1170i	0.5877+0.0098i	-0.9533-0.0164i	1.2929+0.0269i	0.9709-0.1840i
11.4	0.5382+0.0335i	-0.9991-0.0060i	0.9066+0.1131i	0.5903+0.0079i	-0.9720-0.0137i	1.2811+0.0204i	1.0116-0.1862i
11.5	0.5420+0.0437i	-1.0268+0.0045i	0.8746+0.1149i	0.5977+0.0104i	-1.0001-0.0046i	1.2742+0.0251i	1.0602-0.1888i
11.6	0.5474+0.0480i	-1.0511+0.0152i	0.8439+0.1172i	0.6064+0.0125i	-1.0230+0.0058i	1.2831+0.0316i	1.1156-0.1763i
11.7	0.5552+0.0558i	-1.0748+0.0368i	0.8125+0.1274i	0.6133+0.0117i	-1.0478+0.0271i	1.2907+0.0373i	1.1984-0.1815i
11.8	0.5612+0.0614i	-1.1050+0.0446i	0.7916+0.1242i	0.6268+0.0116i	-1.0762+0.0310i	1.2977+0.0338i	1.2655-0.1807i
11.9	0.5715+0.0681i	-1.1373+0.0665i	0.7760+0.1274i	0.6418+0.0047i	-1.1071+0.0535i	1.3135+0.0235i	1.3296-0.2075i

12.0	0.5785+0.0687i	-1.1741+0.0840i	0.7509+0.1251i	0.6571+0.0021i	-1.1405+0.0714i	1.3320+0.0216i	1.4260-0.2242i
12.1	0.5793+0.0772i	-1.2115+0.0992i	0.7220+0.1170i	0.6674+0.0018i	-1.1748+0.0845i	1.3428+0.0161i	1.5165-0.2293i
12.2	0.5844+0.0839i	-1.2404+0.1125i	0.6988+0.1120i	0.6763-0.0009i	-1.2004+0.0986i	1.3555+0.0020i	1.5907-0.2451i
12.3	0.5908+0.0921i	-1.2743+0.1369i	0.6657+0.1089i	0.6862-0.0044i	-1.2325+0.1200i	1.3730-0.0123i	1.6888-0.2822i
12.4	0.5948+0.1019i	-1.3169+0.1725i	0.6327+0.1057i	0.7001-0.0167i	-1.2728+0.1490i	1.3855-0.0191i	1.7975-0.3243i
12.5	0.6020+0.1235i	-1.3521+0.2205i	0.5855+0.1103i	0.7118-0.0287i	-1.3066+0.1902i	1.3928-0.0349i	1.9125-0.3903i
12.6	0.6102+0.1450i	-1.3841+0.2709i	0.5470+0.1124i	0.7209-0.0399i	-1.3357+0.2316i	1.4074-0.0491i	2.0077-0.4574i
12.7	0.6233+0.1749i	-1.4165+0.3365i	0.5080+0.1258i	0.7288-0.0495i	-1.3675+0.2903i	1.4285-0.0620i	2.1079-0.5549i
12.8	0.6539+0.2057i	-1.4039+0.4170i	0.4620+0.1585i	0.7201-0.0593i	-1.3597+0.3626i	1.4332-0.0694i	2.1636-0.6754i
12.9	0.6839+0.2190i	-1.3778+0.4569i	0.4325+0.1826i	0.7140-0.0632i	-1.3416+0.3965i	1.4378-0.0755i	2.1929-0.7457i
13.0	0.7525+0.2283i	-1.3164+0.4709i	0.4090+0.2236i	0.7095-0.0597i	-1.2934+0.4105i	1.4589-0.0674i	2.2082-0.7988i
13.1	0.7976+0.2292i	-1.2813+0.4720i	0.3850+0.2510i	0.7050-0.0541i	-1.2670+0.4095i	1.4811-0.0599i	2.2438-0.8237i
13.2	0.8359+0.2164i	-1.2787+0.4581i	0.3496+0.2646i	0.7082-0.0463i	-1.2739+0.3967i	1.5067-0.0651i	2.3097-0.8291i
13.3	0.8738+0.2061i	-1.2895+0.4303i	0.3165+0.3012i	0.7213-0.0302i	-1.2882+0.3771i	1.5513-0.0543i	2.4155-0.8360i
13.4	0.9034+0.1926i	-1.3058+0.3973i	0.2910+0.3268i	0.7356-0.0141i	-1.3098+0.3528i	1.5854-0.0533i	2.5267-0.8308i
13.5	0.9268+0.1723i	-1.3457+0.3608i	0.2695+0.3547i	0.7541-0.0047i	-1.3513+0.3217i	1.6275-0.0615i	2.6533-0.8568i
13.6	0.9503+0.1560i	-1.4398+0.3416i	0.2223+0.3917i	0.7796+0.0069i	-1.4424+0.3064i	1.6867-0.0677i	2.8463-0.9053i
13.7	0.9702+0.1510i	-1.5409+0.3371i	0.1775+0.4332i	0.8050+0.0138i	-1.5423+0.3060i	1.7517-0.0737i	3.0666-0.9541i
13.8	0.9921+0.1357i	-1.6368+0.3593i	0.1207+0.4715i	0.8341+0.0126i	-1.6348+0.3312i	1.8233-0.0886i	3.3026-1.0019i
13.9	1.0122+0.1258i	-1.7092+0.3856i	0.0763+0.5177i	0.8580+0.0124i	-1.7008+0.3591i	1.8703-0.1021i	3.4907-1.0823i
14.0	1.0414+0.1215i	-1.8228+0.4316i	-0.0044+0.6069i	0.8888+0.0172i	-1.8090+0.4071i	1.9508-0.1270i	3.7926-1.2234i
14.1	1.0630+0.1290i	-1.9196+0.4861i	-0.0846+0.7298i	0.9081+0.0246i	-1.9065+0.4643i	2.0292-0.1352i	4.0765-1.3959i
14.2	1.0963+0.1227i	-2.0193+0.5639i	-0.1080+0.8712i	0.9430+0.0266i	-2.0005+0.5442i	2.1113-0.1751i	4.3344-1.6469i
14.3	1.1227+0.1104i	-2.1185+0.6372i	-0.1222+0.9774i	0.9692+0.0242i	-2.0897+0.6150i	2.2078-0.2473i	4.5855-1.9018i
14.4	1.1532+0.1081i	-2.2260+0.7082i	-0.1385+1.0964i	1.0005+0.0281i	-2.1898+0.6812i	2.3174-0.2849i	4.8671-2.1341i
14.5	1.1989+0.1119i	-2.3755+0.8272i	-0.1809+1.3089i	1.0500+0.0392i	-2.3360+0.7934i	2.4316-0.3418i	5.2423-2.5238i
14.6	1.2322+0.1242i	-2.5177+0.9767i	-0.2234+1.5682i	1.0866+0.0540i	-2.4715+0.9360i	2.5172-0.4245i	5.5719-3.0145i
14.7	1.2759+0.1311i	-2.5797+1.1329i	-0.0530+1.8242i	1.1384+0.0699i	-2.5279+1.0865i	2.6075-0.4948i	5.6331-3.4940i
14.8	1.3651+0.1116i	-2.5971+1.3115i	0.3181+1.9906i	1.2371+0.0524i	-2.5502+1.2607i	2.7334-0.5511i	5.5447-3.8989i
14.9	1.4227+0.0627i	-2.6309+1.3778i	0.5333+1.8823i	1.3075+0.0021i	-2.5852+1.3302i	2.8438-0.6278i	5.5814-3.9704i
15.0	1.4788+0.0404i	-2.7775+1.4057i	0.5708+1.6959i	1.3815-0.0295i	-2.7239+1.3562i	3.0479-0.6960i	6.0497-3.9779i
15.1	1.5381+0.0252i	-3.0918+1.4477i	0.4318+1.5586i	1.4426-0.0660i	-3.0266+1.4041i	3.3534-0.7659i	6.9633-4.0607i
15.2	1.6054-0.0156i	-3.5375+1.6789i	0.1756+1.5962i	1.5045-0.1154i	-3.4475+1.6300i	3.7300-0.9968i	8.1635-4.6795i
15.3	1.6560-0.0251i	-3.9646+2.0470i	-0.1141+1.8558i	1.5476-0.1430i	-3.8543+1.9853i	4.0629-1.2859i	9.3588-5.7401i
15.4	1.7035-0.0504i	-4.3633+2.7130i	-0.4185+2.3431i	1.5880-0.1819i	-4.2333+2.6181i	4.3407-1.7692i	10.5024-7.5878i
15.5	1.7995-0.1088i	-4.7317+3.7963i	-0.5784+3.1005i	1.6807-0.2528i	-4.5747+3.6451i	4.6464-2.6045i	11.5031-10.6372i
15.6	1.8928-0.1702i	-4.9945+5.4294i	-0.6540+4.3133i	1.7421-0.3325i	-4.8127+5.2025i	4.9045-3.8541i	12.2329-15.2772i
15.7	1.9616-0.2315i	-4.3326+6.9996i	-0.0427+5.5200i	1.7760-0.4042i	-4.1768+6.7023i	4.3975-4.9431i	10.2743-19.6637i
15.8	2.0363-0.3721i	-1.8270+8.5415i	2.0628+6.5635i	1.7972-0.5281i	-1.7897+8.1557i	2.6182-6.0064i	3.1638-23.8704i
15.9	2.0969-0.3622i	0.8862+8.5088i	4.4507+6.6558i	1.8135-0.4939i	0.7806+8.1088i	0.8273-5.6938i	-4.4646-23.6632i
16.0	2.2099-0.4086i	2.5853+7.2965i	6.1524+5.6095i	1.9148-0.5049i	2.3803+6.9585i	-0.0614-4.7311i	-9.2272-20.1364i
16.1	2.4237-0.4951i	3.4648+5.7866i	7.3058+4.1253i	2.1160-0.5598i	3.2003+5.5294i	-0.2343-3.6785i	-11.5986-15.6958i
16.2	2.5817-0.4737i	3.5536+4.8776i	7.6944+3.3113i	2.2667-0.5242i	3.2768+4.6754i	0.0101-3.0544i	-11.7802-13.1425i
16.3	2.9057-0.6926i	3.3779+3.8584i	7.9792+1.9599i	2.5971-0.7099i	3.0946+3.7302i	0.5708-2.7156i	-11.2087-10.3985i
16.4	3.1576-1.0129i	3.0913+3.3362i	7.9819+0.9421i	2.8503-1.0140i	2.8145+3.2573i	1.0365-2.7981i	-10.3394-9.0260i
16.5	3.3805-1.5939i	2.9140+2.8342i	8.1323-0.3915i	3.0668-1.5596i	2.6605+2.8128i	1.4704-3.1859i	-9.8761-7.7658i
16.6	3.3941-2.1598i	2.7458+2.4803i	8.0080-1.5355i	3.0840-2.0819i	2.5259+2.4971i	1.6307-3.6095i	-9.5406-6.9257i
16.7	3.1451-2.9760i	2.5544+2.2896i	7.3907-3.0196i	2.8506-2.8503i	2.3833+2.3279i	1.5480-4.4218i	-9.1684-6.3926i
16.8	2.6720-3.4554i	2.5792+2.0800i	6.4888-3.8574i	2.4013-3.3031i	2.4412+2.1309i	1.0737-4.9219i	-9.2355-5.8698i
16.9	1.9269-3.8655i	2.3995+1.7919i	5.0890-4.5707i	1.7135-3.6983i	2.3024+1.8487i	-0.0024-5.3077i	-9.1514-4.8847i
17.0	1.1360-3.8528i	2.1089+1.7963i	3.7983-4.7228i	0.9867-3.6902i	2.0527+1.8035i	-0.9187-5.1530i	-8.7721-4.2307i
17.1	0.8100-3.6466i	2.1177+1.8557i	3.1851-4.4512i	0.6801-3.5048i	2.0522+1.8306i	-1.1319-4.8002i	-8.5779-4.0032i
17.2	0.4740-3.4841i	2.1835+1.7198i	2.5892-4.2169i	0.3586-3.3680i	2.1053+1.6866i	-1.4871-4.5991i	-8.5779-3.4305i
17.3	0.2888-3.2839i	2.0586+1.6000i	2.3017-3.9756i	0.1796-3.1953i	1.9762+1.5547i	-1.7525-4.3475i	-8.2460-2.7128i
17.4	0.2091-3.3004i	2.0249+1.5877i	2.0929-4.0697i	0.0951-3.2212i	1.9275+1.5405i	-1.9090-4.2763i	-7.8570-2.3695i
17.5	-0.0059-3.3197i	2.0385+1.5574i	1.6629-4.0716i	-0.1262-3.2414i	1.9323+1.5165i	-2.2709-4.1429i	-7.5687-2.1648i
17.6	-0.3045-3.2296i	2.0496+1.4544i	1.2219-3.7960i	-0.4322-3.1512i	1.9450+1.4245i	-2.5929-3.7029i	-7.2747-1.9138i
17.7	-0.6070-3.1271i	2.0804+1.3841i	0.8336-3.6127i	-0.7336-3.0448i	1.9730+1.3594i	-2.8700-3.3095i	-7.0183-1.6766i
17.8	-0.8211-3.0364i	2.1252+1.3538i	0.5371-3.5295i	-0.9454-2.9481i	2.0146+1.3343i	-3.0420-3.0609i	-6.8416-1.5447i
17.9	-1.0391-2.8566i	2.1432+1.2641i	0.2600-3.3009i	-1.1561-2.7670i	2.0357+1.2495i	-3.1137-2.6954i	-6.6596-1.3929i
18.0	-1.1728-2.5420i	2.1415+1.1330i	0.0961-2.9224i	-1.2851-2.4558i	2.0350+1.1200i	-3.0498-2.2445i	-6.4370-1.2244i
18.1	-1.2727-2.2768i	2.1318+1.0171i	0.0144-2.6481i	-1.3816-2.1902i	2.0283+1.0063i	-2.9364-1.9043i	-6.2354-1.0871i
18.2	-1.3577-2.0317i	2.1105+0.9248i	-0.0435-2.4289i	-1.4615-1.9473i	2.0132+0.9153i	-2.8281-1.6068i	-6.0871-0.9537i

18.3	-1.3789-1.8686i	2.0994+0.8637i	-0.1116-2.3221i	-1.4798-1.7863i	2.0010+0.8549i	-2.7571-1.4823i	-5.9716-0.8640i
18.4	-1.3664-1.6892i	2.0568+0.7922i	-0.1285-2.1906i	-1.4625-1.6078i	1.9580+0.7832i	-2.6545-1.3189i	-5.8221-0.7563i
18.5	-1.3847-1.5290i	2.0208+0.7250i	-0.2874-2.1798i	-1.4728-1.4457i	1.9232+0.7179i	-2.6141-1.2036i	-5.6621-0.6198i
18.6	-1.4199-1.3002i	1.9891+0.6596i	-0.5870-2.0108i	-1.4989-1.2211i	1.8974+0.6493i	-2.6238-0.9685i	-5.4840-0.4500i
18.7	-1.3217-1.1123i	1.9792+0.6311i	-0.6103-1.6520i	-1.4001-1.0449i	1.8831+0.6144i	-2.4547-0.7282i	-5.3195-0.4089i
18.8	-1.2132-1.0200i	1.9704+0.5912i	-0.5300-1.4575i	-1.2927-0.9577i	1.8668+0.5734i	-2.2626-0.6417i	-5.1682-0.3985i
18.9	-1.1405-0.9455i	1.9637+0.5174i	-0.4888-1.3042i	-1.2211-0.8879i	1.8575+0.5032i	-2.1182-0.6270i	-5.0400-0.3967i
19.0	-1.0625-0.8682i	1.9476+0.4557i	-0.4247-1.1652i	-1.1442-0.8162i	1.8399+0.4444i	-1.9941-0.5810i	-4.9427-0.3717i
19.1	-1.0055-0.8333i	1.9300+0.4171i	-0.3781-1.0778i	-1.0892-0.7817i	1.8189+0.4071i	-1.9315-0.5706i	-4.8924-0.3685i
19.2	-0.9373-0.7645i	1.9089+0.3529i	-0.3135-0.9535i	-1.0262-0.7152i	1.7939+0.3441i	-1.8519-0.5231i	-4.8268-0.3073i
19.3	-0.8960-0.7214i	1.8981+0.3141i	-0.2685-0.8809i	-0.9860-0.6749i	1.7805+0.3070i	-1.7992-0.4911i	-4.7663-0.2659i
19.4	-0.8640-0.6957i	1.8956+0.2873i	-0.2310-0.8427i	-0.9557-0.6481i	1.7739+0.2825i	-1.7567-0.4585i	-4.7367-0.2260i
19.5	-0.7989-0.6667i	1.8853+0.2424i	-0.1579-0.8139i	-0.8967-0.6151i	1.7589+0.2415i	-1.6854-0.4242i	-4.6845-0.1248i
19.6	-0.7757-0.6561i	1.8851+0.2083i	-0.1471-0.8026i	-0.8749-0.6014i	1.7561+0.2105i	-1.6510-0.4156i	-4.6195-0.0510i
19.7	-0.7544-0.6499i	1.8881+0.1614i	-0.1584-0.7901i	-0.8510-0.5919i	1.7562+0.1683i	-1.6073-0.4079i	-4.5079+0.0122i
19.8	-0.7381-0.6329i	1.8943+0.1101i	-0.1669-0.7579i	-0.8329-0.5729i	1.7591+0.1211i	-1.5688-0.3947i	-4.4262+0.0694i
19.9	-0.7385-0.6127i	1.9006+0.0684i	-0.1883-0.7090i	-0.8295-0.5510i	1.7625+0.0827i	-1.5417-0.3939i	-4.3567+0.0905i
20.0	-0.7316-0.5697i	1.8985+0.0307i	-0.2066-0.6127i	-0.8188-0.5100i	1.7581+0.0486i	-1.5354-0.3647i	-4.2884+0.0818i
20.1	-0.6970-0.5421i	1.9078-0.0062i	-0.1793-0.5661i	-0.7832-0.4874i	1.7655+0.0141i	-1.5128-0.3520i	-4.2198+0.0652i
20.2	-0.6762-0.5172i	1.9448-0.0469i	-0.1527-0.5122i	-0.7629-0.4678i	1.7978-0.0234i	-1.5101-0.3335i	-4.2042+0.0412i
20.3	-0.6464-0.4979i	1.9814-0.1131i	-0.1124-0.4685i	-0.7394-0.4517i	1.8291-0.0834i	-1.4985-0.2958i	-4.2272+0.0856i
20.4	-0.6073-0.4783i	2.0231-0.1751i	-0.0907-0.4289i	-0.7029-0.4300i	1.8650-0.1406i	-1.4803-0.2650i	-4.2137+0.1183i
20.5	-0.5865-0.4429i	2.0924-0.2514i	-0.0693-0.3765i	-0.6850-0.3984i	1.9249-0.2128i	-1.4790-0.2202i	-4.2546+0.1506i
20.6	-0.5494-0.4323i	2.1413-0.3686i	-0.0236-0.3381i	-0.6532-0.3881i	1.9640-0.3202i	-1.4525-0.1760i	-4.2834+0.2325i
20.7	-0.5185-0.4329i	2.2092-0.5137i	0.0114-0.3114i	-0.6305-0.3832i	2.0191-0.4523i	-1.4479-0.1458i	-4.3521+0.3361i
20.8	-0.4978-0.4292i	2.2392-0.6841i	0.0376-0.3019i	-0.6151-0.3763i	2.0433-0.6036i	-1.4302-0.1146i	-4.3549+0.4823i
20.9	-0.4740-0.4347i	2.2413-0.8638i	0.0596-0.2825i	-0.5944-0.3754i	2.0439-0.7625i	-1.4154-0.0735i	-4.3387+0.6056i
21.0	-0.4505-0.4375i	2.2576-1.1735i	0.0848-0.2423i	-0.5752-0.3707i	2.0533-1.0384i	-1.3917+0.0189i	-4.3349+0.8770i
21.1	-0.4453-0.4495i	2.1579-1.4323i	0.1066-0.2295i	-0.5674-0.3731i	1.9629-1.2665i	-1.3570+0.0665i	-4.2178+1.0948i
21.2	-0.4389-0.4564i	1.9281-1.6674i	0.1227-0.2007i	-0.5550-0.3669i	1.7588-1.4762i	-1.3167+0.1153i	-4.0091+1.2541i
21.3	-0.4440-0.4482i	1.7036-1.8468i	0.1421-0.1841i	-0.5590-0.3510i	1.5565-1.6341i	-1.2741+0.1646i	-3.8172+1.3963i
21.4	-0.4603-0.4485i	1.3487-1.9596i	0.1751-0.1614i	-0.5662-0.3454i	1.2397-1.7341i	-1.1984+0.2091i	-3.5232+1.4735i
21.5	-0.4692-0.4480i	1.0793-2.0666i	0.2178-0.1600i	-0.5669-0.3380i	0.9993-1.8308i	-1.1398+0.2456i	-3.3264+1.5625i
21.6	-0.4779-0.4452i	0.8423-1.9936i	0.2490-0.1695i	-0.5632-0.3373i	0.7893-1.7659i	-1.0801+0.2409i	-3.1531+1.4914i
21.7	-0.4755-0.4301i	0.6113-1.8533i	0.2749-0.1779i	-0.5501-0.3233i	0.5829-1.6414i	-1.0038+0.2346i	-2.9545+1.3896i
21.8	-0.4786-0.4151i	0.4504-1.7453i	0.2963-0.1717i	-0.5465-0.3147i	0.4373-1.5478i	-0.9405+0.2297i	-2.8047+1.2863i
21.9	-0.5020-0.3981i	0.2647-1.6401i	0.3226-0.1832i	-0.5732-0.3033i	0.2695-1.4564i	-0.8976+0.2151i	-2.6921+1.2276i
22.0	-0.4908-0.3818i	0.1582-1.5443i	0.3605-0.1937i	-0.5629-0.2893i	0.1742-1.3715i	-0.8441+0.2023i	-2.6353+1.1566i
22.1	-0.4926-0.3628i	0.0604-1.4731i	0.3627-0.2193i	-0.5623-0.2751i	0.0844-1.3098i	-0.8118+0.1883i	-2.5570+1.1191i
22.2	-0.4943-0.3468i	0.0017-1.3684i	0.3568-0.2340i	-0.5642-0.2638i	0.0279-1.2181i	-0.7936+0.1703i	-2.5158+1.0615i
22.3	-0.4887-0.3205i	-0.0561-1.2943i	0.3477-0.2279i	-0.5590-0.2403i	-0.0271-1.1527i	-0.7845+0.1663i	-2.4763+1.0021i
22.4	-0.4782-0.3015i	-0.0907-1.2189i	0.3532-0.2375i	-0.5519-0.2219i	-0.0612-1.0840i	-0.7629+0.1505i	-2.4599+0.9559i
22.5	-0.4558-0.2863i	-0.1602-1.1300i	0.3741-0.2411i	-0.5379-0.2029i	-0.1239-1.0031i	-0.7380+0.1426i	-2.4371+0.9243i
22.6	-0.4528-0.2776i	-0.2030-1.0460i	0.3808-0.2633i	-0.5390-0.1892i	-0.1638-0.9295i	-0.7262+0.1325i	-2.4462+0.9280i
22.7	-0.4535-0.2497i	-0.2573-0.9620i	0.3787-0.2580i	-0.5432-0.1551i	-0.2159-0.8527i	-0.7207+0.1398i	-2.4389+0.9411i
22.8	-0.4167-0.2518i	-0.2635-0.9194i	0.4033-0.2434i	-0.5114-0.1561i	-0.2274-0.8107i	-0.6842+0.1245i	-2.4499+0.9139i
22.9	-0.3952-0.2569i	-0.2175-0.8669i	0.4040-0.2672i	-0.4948-0.1473i	-0.1886-0.7604i	-0.6820+0.1007i	-2.4798+0.9516i
23.0	-0.3817-0.2616i	-0.2060-0.8334i	0.3882-0.3049i	-0.4817-0.1286i	-0.1800-0.7219i	-0.6751+0.0890i	-2.4618+1.0612i
23.1	-0.3800-0.2943i	-0.2150-0.8674i	0.3702-0.3508i	-0.4641-0.1413i	-0.1885-0.7433i	-0.6557+0.0748i	-2.3753+1.1953i
23.2	-0.3961-0.2936i	-0.2820-0.8378i	0.3444-0.3484i	-0.4558-0.1191i	-0.2413-0.7113i	-0.6468+0.0772i	-2.2074+1.3025i
23.3	-0.4154-0.2818i	-0.3946-0.7934i	0.3043-0.3377i	-0.4437-0.0925i	-0.3339-0.6665i	-0.6399+0.0814i	-1.9712+1.3787i
23.4	-0.4416-0.2666i	-0.4952-0.7855i	0.2590-0.3032i	-0.4306-0.0829i	-0.4138-0.6579i	-0.6399+0.0936i	-1.7249+1.3540i
23.5	-0.4457-0.2433i	-0.5694-0.6727i	0.2521-0.2637i	-0.4034-0.0896i	-0.4718-0.5610i	-0.6139+0.0735i	-1.5298+1.1433i
23.6	-0.4483-0.2183i	-0.5926-0.5578i	0.2375-0.2303i	-0.3954-0.0938i	-0.4902-0.4637i	-0.6002+0.0499i	-1.4302+0.9511i
23.7	-0.4448-0.1829i	-0.6111-0.3975i	0.2590-0.1941i	-0.3832-0.0896i	-0.5029-0.3329i	-0.6111+0.0444i	-1.4004+0.7203i
23.8	-0.4331-0.1577i	-0.5928-0.3016i	0.2841-0.1636i	-0.3738-0.0833i	-0.4865-0.2536i	-0.6136+0.0536i	-1.4183+0.5977i
23.9	-0.4207-0.1300i	-0.5026-0.1811i	0.2910-0.1544i	-0.3688-0.0748i	-0.4078-0.1521i	-0.6124+0.0514i	-1.4815+0.4704i
24.0	-0.3926-0.1119i	-0.4336-0.1180i	0.3120-0.1407i	-0.3557-0.0680i	-0.3494-0.0967i	-0.6087+0.0455i	-1.5443+0.3915i
24.1	-0.3797-0.1072i	-0.3965-0.0909i	0.3279-0.1314i	-0.3521-0.0713i	-0.3190-0.0732i	-0.6072+0.0336i	-1.5966+0.3510i
24.2	-0.3612-0.0999i	-0.3290-0.0418i	0.3487-0.1422i	-0.3428-0.0652i	-0.2600-0.0282i	-0.6048+0.0308i	-1.6540+0.3318i
24.3	-0.3312-0.0990i	-0.2504-0.0323i	0.3630-0.1327i	-0.3224-0.0691i	-0.1951-0.0220i	-0.6015+0.0262i	-1.6879+0.2982i
24.4	-0.3199-0.0985i	-0.2452-0.0162i	0.3857-0.1169i	-0.3165-0.0725i	-0.1913-0.0088i	-0.5995+0.0319i	-1.7113+0.2702i
24.5	-0.3263-0.0884i	-0.2368-0.0110i	0.3947-0.1077i	-0.3276-0.0661i	-0.1847-0.0007i	-0.6115+0.0416i	-1.7472+0.2669i

24.6	-0.3159-0.0714i	-0.2065-0.0074i	0.4226-0.1022i	-0.3233-0.0456i	-0.1588-0.0004i	-0.6174+0.0598i	-1.7914+0.2720i
24.7	-0.3002-0.0623i	-0.1895-0.0275i	0.4430-0.0861i	-0.3141-0.0373i	-0.1445-0.0205i	-0.6188+0.0660i	-1.8252+0.2632i
24.8	-0.2774-0.0654i	-0.1612-0.0151i	0.4531-0.0903i	-0.2968-0.0430i	-0.1215-0.0091i	-0.6060+0.0655i	-1.8140+0.2595i
24.9	-0.2588-0.0552i	-0.1433-0.0073i	0.4640-0.1041i	-0.2788-0.0307i	-0.1040-0.0021i	-0.5901+0.0848i	-1.8030+0.2840i
25.0	-0.2407-0.0505i	-0.1117-0.0043i	0.4769-0.1085i	-0.2626-0.0248i	-0.0795-0.0010i	-0.5693+0.0945i	-1.8063+0.2820i
25.1	-0.2334-0.0445i	-0.0948-0.0059i	0.4836-0.1183i	-0.2584-0.0171i	-0.0656-0.0059i	-0.5684+0.1005i	-1.8055+0.2944i
25.2	-0.2229-0.0408i	-0.0816-0.0013i	0.5093-0.1323i	-0.2471-0.0137i	-0.0529-0.0004i	-0.5704+0.1080i	-1.8300+0.3161i
25.3	-0.2086-0.0409i	-0.0709-0.0230i	0.5249-0.1428i	-0.2341-0.0159i	-0.0451-0.0205i	-0.5620+0.1064i	-1.8474+0.3214i
25.4	-0.1903-0.0425i	-0.0693-0.0200i	0.5213-0.1414i	-0.2185-0.0180i	-0.0476-0.0150i	-0.5384+0.0981i	-1.8144+0.2998i
25.5	-0.1816-0.0394i	-0.0626-0.0160i	0.5358-0.1562i	-0.2088-0.0143i	-0.0412-0.0106i	-0.5361+0.0984i	-1.8285+0.3123i
25.6	-0.1749-0.0479i	-0.0448-0.0208i	0.5599-0.1788i	-0.2029-0.0207i	-0.0253-0.0160i	-0.5445+0.0998i	-1.8766+0.3322i
25.7	-0.1599-0.0426i	-0.0322-0.0080i	0.5612-0.2094i	-0.1873-0.0157i	-0.0176-0.0029i	-0.5268+0.1200i	-1.8557+0.3874i
25.8	-0.1577-0.0479i	-0.0315-0.0130i	0.5588-0.2205i	-0.1853-0.0212i	-0.0147-0.0087i	-0.5229+0.1161i	-1.8563+0.3928i
25.9	-0.1543-0.0516i	-0.0233-0.0223i	0.5731-0.2316i	-0.1835-0.0251i	-0.0048-0.0182i	-0.5287+0.1091i	-1.8829+0.3980i
26.0	-0.1512-0.0526i	-0.0086-0.0258i	0.5814-0.2540i	-0.1814-0.0222i	0.0088-0.0240i	-0.5379+0.1122i	-1.9101+0.4212i
26.1	-0.1384-0.0522i	-0.0101-0.0235i	0.5829-0.2413i	-0.1669-0.0222i	0.0028-0.0209i	-0.5315+0.1041i	-1.9043+0.3974i
26.2	-0.1262-0.0476i	-0.0173-0.0201i	0.5827-0.2743i	-0.1599-0.0201i	-0.0042-0.0176i	-0.5248+0.1189i	-1.8899+0.4477i
26.3	-0.1094-0.0434i	-0.0179-0.0134i	0.5886-0.2932i	-0.1465-0.0175i	-0.0048-0.0127i	-0.5229+0.1296i	-1.8784+0.4807i
26.4	-0.1005-0.0512i	0.0028-0.0158i	0.5889-0.3430i	-0.1352-0.0206i	0.0153-0.0171i	-0.5147+0.1401i	-1.8798+0.5482i
26.5	-0.0942-0.0485i	0.0072-0.0200i	0.5754-0.3727i	-0.1280-0.0138i	0.0165-0.0188i	-0.5150+0.1489i	-1.8780+0.6014i
26.6	-0.0882-0.0527i	0.0022-0.0279i	0.5676-0.3983i	-0.1214-0.0161i	0.0091-0.0252i	-0.5295+0.1507i	-1.8998+0.6376i
26.7	-0.0802-0.0597i	-0.0042-0.0250i	0.5566-0.4094i	-0.1141-0.0223i	0.0033-0.0221i	-0.5344+0.1528i	-1.9051+0.6625i
26.8	-0.0711-0.0648i	0.0041-0.0156i	0.5172-0.4124i	-0.1003-0.0265i	0.0079-0.0134i	-0.5301+0.1665i	-1.8667+0.6929i
26.9	-0.0687-0.0684i	0.0102-0.0084i	0.5000-0.4077i	-0.0930-0.0318i	0.0119-0.0072i	-0.5447+0.1856i	-1.8728+0.7271i
27.0	-0.0590-0.0667i	0.0183-0.0011i	0.5016-0.4097i	-0.0863-0.0346i	0.0195-0.0033i	-0.5387+0.2125i	-1.8545+0.7918i
27.1	-0.0458-0.0709i	0.0255+0.0056i	0.5104-0.4039i	-0.0776-0.0436i	0.0229+0.0042i	-0.5415+0.2250i	-1.8567+0.8162i
27.2	-0.0472-0.0764i	0.0378+0.0001i	0.5183-0.4337i	-0.0755-0.0470i	0.0354+0.0002i	-0.5454+0.2504i	-1.8656+0.8939i
27.3	-0.0406-0.0827i	0.0622-0.0012i	0.4903-0.4720i	-0.0659-0.0527i	0.0567+0.0004i	-0.4978+0.2852i	-1.7427+1.0150i
27.4	-0.0330-0.0879i	0.0724-0.0211i	0.4567-0.5123i	-0.0626-0.0586i	0.0607-0.0153i	-0.4736+0.3228i	-1.6498+1.1288i
27.5	-0.0314-0.0915i	0.0787-0.0363i	0.4224-0.5625i	-0.0586-0.0589i	0.0670-0.0271i	-0.4438+0.3789i	-1.5466+1.2801i
27.6	-0.0192-0.0954i	0.0808-0.0504i	0.4081-0.5867i	-0.0479-0.0628i	0.0666-0.0392i	-0.4222+0.3979i	-1.4880+1.3556i
27.7	-0.0197-0.1089i	0.0749-0.0651i	0.3715-0.6212i	-0.0469-0.0777i	0.0618-0.0517i	-0.3846+0.4151i	-1.3767+1.4204i
27.8	-0.0189-0.1222i	0.0657-0.0680i	0.2936-0.6303i	-0.0415-0.0880i	0.0551-0.0518i	-0.3042+0.4344i	-1.1363+1.4478i
27.9	-0.0250-0.1260i	0.0543-0.0717i	0.2232-0.6275i	-0.0465-0.0869i	0.0469-0.0559i	-0.2442+0.4342i	-0.9505+1.4454i
28.0	-0.0358-0.1311i	0.0329-0.0790i	0.1464-0.6200i	-0.0546-0.0919i	0.0313-0.0620i	-0.1855+0.4209i	-0.7451+1.4134i
28.1	-0.0405-0.1137i	0.0275-0.0824i	0.0745-0.5402i	-0.0494-0.0828i	0.0253-0.0657i	-0.1222+0.3681i	-0.5424+1.2287i
28.2	-0.0431-0.1101i	0.0156-0.0774i	0.0424-0.4916i	-0.0462-0.0818i	0.0129-0.0617i	-0.0933+0.3401i	-0.4503+1.1104i
28.3	-0.0485-0.1136i	0.0051-0.0680i	0.0139-0.4451i	-0.0524-0.0875i	0.0052-0.0545i	-0.0671+0.2980i	-0.3596+0.9919i
28.4	-0.0427-0.1000i	-0.0026-0.0689i	-0.0104-0.4032i	-0.0459-0.0782i	-0.0009-0.0533i	-0.0434+0.2712i	-0.2857+0.9009i
28.5	-0.0377-0.0947i	-0.0006-0.0613i	-0.0033-0.3437i	-0.0385-0.0814i	0.0044-0.0458i	-0.0495+0.2270i	-0.3005+0.7403i
28.6	-0.0314-0.0893i	-0.0007-0.0559i	-0.0032-0.2939i	-0.0287-0.0848i	0.0045-0.0394i	-0.0396+0.1866i	-0.2830+0.6230i
28.7	-0.0297-0.0893i	0.0019-0.0564i	0.0082-0.2603i	-0.0278-0.0879i	0.0029-0.0421i	-0.0443+0.1621i	-0.2961+0.5369i
28.8	-0.0269-0.0867i	0.0021-0.0454i	0.0191-0.2315i	-0.0285-0.0846i	0.0029-0.0341i	-0.0490+0.1379i	-0.3127+0.4555i
28.9	-0.0084-0.0832i	0.0066-0.0365i	0.0350-0.1993i	-0.0109-0.0799i	0.0085-0.0302i	-0.0447+0.1142i	-0.3139+0.3857i
29.0	0.0068-0.0830i	0.0151-0.0335i	0.0509-0.1674i	0.0037-0.0801i	0.0140-0.0268i	-0.0505+0.0865i	-0.3316+0.2994i
29.1	-0.0109-0.0886i	0.0162-0.0427i	0.0514-0.1635i	-0.0150-0.0883i	0.0161-0.0350i	-0.0650+0.0760i	-0.3490+0.2676i
29.2	0.0035-0.0866i	0.0119-0.0410i	0.0592-0.1407i	-0.0018-0.0885i	0.0093-0.0319i	-0.0676+0.0665i	-0.3595+0.2237i
29.3	0.0269-0.0870i	0.0129-0.0391i	0.0698-0.1137i	0.0193-0.0893i	0.0110-0.0262i	-0.0648+0.0552i	-0.3643+0.1750i
29.4	0.0404-0.0963i	0.0180-0.0326i	0.0892-0.0978i	0.0406-0.1015i	0.0166-0.0221i	-0.0658+0.0402i	-0.3837+0.1183i
29.5	0.0415-0.0926i	0.0227-0.0333i	0.0995-0.0898i	0.0375-0.1008i	0.0181-0.0266i	-0.0749+0.0282i	-0.3993+0.0863i
29.6	0.0474-0.0918i	0.0211-0.0371i	0.1012-0.0666i	0.0420-0.1074i	0.0179-0.0287i	-0.0752+0.0169i	-0.3988+0.0428i
29.7	0.0318-0.0966i	0.0221-0.0408i	0.1039-0.0558i	0.0313-0.1136i	0.0195-0.0296i	-0.0782+0.0045i	-0.4058+0.0183i
29.8	0.0332-0.1001i	0.0282-0.0359i	0.1108-0.0451i	0.0383-0.1212i	0.0256-0.0275i	-0.0776-0.0033i	-0.4100-0.0064i
29.9	0.0337-0.1017i	0.0320-0.0305i	0.1070-0.0412i	0.0447-0.1213i	0.0292-0.0248i	-0.0750-0.0069i	-0.4045-0.0272i
30.0	0.0428-0.0922i	0.0349-0.0276i	0.1060-0.0233i	0.0538-0.1122i	0.0299-0.0221i	-0.0779-0.0160i	-0.4017-0.0694i
30.1	0.0458-0.1038i	0.0319-0.0315i	0.1314-0.0278i	0.0518-0.1235i	0.0243-0.0223i	-0.0802-0.0153i	-0.4143-0.0587i
30.2	0.0458-0.1114i	0.0271-0.0498i	0.1430-0.0177i	0.0537-0.1410i	0.0231-0.0405i	-0.0841-0.0261i	-0.4170-0.1009i
30.3	0.0353-0.0981i	0.0398-0.0466i	0.1347-0.0051i	0.0506-0.1295i	0.0368-0.0387i	-0.0844-0.0381i	-0.4021-0.1312i
30.4	0.0562-0.1090i	0.0487-0.0476i	0.1428+0.0173i	0.0746-0.1492i	0.0420-0.0410i	-0.0826-0.0502i	-0.4037-0.1671i
30.5	0.0798-0.1112i	0.0428-0.0507i	0.1418+0.0317i	0.1015-0.1580i	0.0353-0.0432i	-0.0726-0.0473i	-0.3962-0.1921i
30.6	0.0924-0.1209i	0.0496-0.0547i	0.1653+0.0596i	0.1129-0.1754i	0.0429-0.0460i	-0.0737-0.0646i	-0.3964-0.2229i
30.7	0.0752-0.1215i	0.0492-0.0609i	0.1794+0.0529i	0.0974-0.1764i	0.0411-0.0519i	-0.0751-0.0722i	-0.3908-0.2458i
30.8	0.0695-0.1330i	0.0470-0.0660i	0.1767+0.0672i	0.0950-0.1978i	0.0422-0.0550i	-0.0687-0.0937i	-0.3955-0.3104i

30.9	0.0639-0.1212i	0.0345-0.0693i	0.1852+0.0916i	0.0840-0.2034i	0.0307-0.0594i	-0.0764-0.1165i	-0.4217-0.3646i
31.0	0.0553-0.1175i	0.0417-0.0837i	0.1848+0.1067i	0.0874-0.2261i	0.0391-0.0754i	-0.0612-0.1337i	-0.3952-0.4463i
31.1	0.0629-0.1280i	0.0366-0.0981i	0.2272+0.0942i	0.0920-0.2430i	0.0369-0.0911i	-0.0831-0.1351i	-0.4163-0.4628i
31.2	0.0621-0.1312i	0.0302-0.1050i	0.2380+0.1001i	0.0872-0.2496i	0.0344-0.0956i	-0.0892-0.1413i	-0.4412-0.4871i
31.3	0.0850-0.1119i	0.0390-0.1170i	0.2486+0.1252i	0.1089-0.2473i	0.0409-0.1093i	-0.0987-0.1502i	-0.4208-0.5318i
31.4	0.0964-0.0825i	0.0266-0.1144i	0.2400+0.1319i	0.1157-0.2439i	0.0249-0.1149i	-0.0971-0.1577i	-0.4238-0.5884i
31.5	0.0979-0.0773i	0.0281-0.1120i	0.2451+0.1743i	0.1062-0.2535i	0.0229-0.1118i	-0.1050-0.2041i	-0.4719-0.6419i
31.6	0.0996-0.0633i	0.0290-0.1194i	0.2245+0.1908i	0.1074-0.2586i	0.0225-0.1219i	-0.0947-0.2203i	-0.4663-0.6884i
31.7	0.1019-0.0700i	0.0118-0.1369i	0.2550+0.1853i	0.0975-0.2909i	0.0062-0.1424i	-0.1072-0.2298i	-0.5210-0.7613i
31.8	0.1422-0.1005i	-0.0067-0.1625i	0.3623+0.2127i	0.0812-0.3432i	-0.0170-0.1607i	-0.1634-0.2632i	-0.6647-0.8399i
31.9	0.1449-0.0786i	-0.0057-0.1529i	0.3967+0.2393i	0.0680-0.3189i	-0.0154-0.1523i	-0.2082-0.2784i	-0.7500-0.8497i
32.0	0.1586-0.0524i	-0.0175-0.1679i	0.3716+0.2627i	0.0626-0.3275i	-0.0318-0.1704i	-0.2009-0.2976i	-0.7708-0.9360i
32.1	0.1918-0.0699i	-0.0542-0.1583i	0.4137+0.2268i	0.0330-0.3416i	-0.0726-0.1594i	-0.2316-0.2914i	-0.9053-0.9042i
32.2	0.2135-0.0550i	-0.0493-0.1526i	0.4092+0.2504i	0.0422-0.3392i	-0.0752-0.1563i	-0.2314-0.3027i	-0.9119-0.9206i
32.3	0.2225-0.0876i	-0.0742-0.1329i	0.4732+0.1700i	-0.0086-0.3177i	-0.1018-0.1345i	-0.3009-0.2611i	-1.0448-0.7833i
32.4	0.2586-0.1152i	-0.1068-0.1194i	0.5152+0.1942i	-0.0371-0.3230i	-0.1344-0.1147i	-0.3373-0.2819i	-1.2146-0.7998i
32.5	0.2947-0.1352i	-0.1224-0.0879i	0.5351+0.2185i	-0.0372-0.2975i	-0.1526-0.0771i	-0.3669-0.2905i	-1.2893-0.7547i
32.6	0.3063-0.1568i	-0.1302-0.0829i	0.5532+0.1624i	-0.0431-0.2814i	-0.1610-0.0723i	-0.3930-0.2469i	-1.3243-0.6577i
32.7	0.2881-0.2116i	-0.1291-0.0633i	0.5835+0.0803i	-0.0472-0.2672i	-0.1534-0.0480i	-0.4160-0.1920i	-1.3313-0.5084i
32.8	0.2842-0.2292i	-0.1221-0.0473i	0.5760+0.0444i	-0.0403-0.2517i	-0.1474-0.0274i	-0.4226-0.1571i	-1.3102-0.4158i
32.9	0.2918-0.2288i	-0.1229-0.0488i	0.5526+0.0466i	-0.0294-0.2407i	-0.1505-0.0267i	-0.4149-0.1464i	-1.2667-0.4059i
33.0	0.3023-0.2431i	-0.1277-0.0443i	0.5605+0.0396i	-0.0025-0.2417i	-0.1517-0.0228i	-0.4211-0.1246i	-1.2666-0.3733i
33.1	0.2777-0.2676i	-0.1277-0.0285i	0.5525+0.0051i	0.0143-0.2394i	-0.1477-0.0054i	-0.4127-0.0884i	-1.2367-0.2808i
33.2	0.2512-0.2886i	-0.1057-0.0193i	0.5065-0.0620i	-0.0008-0.2358i	-0.1257-0.0003i	-0.3796-0.0447i	-1.1269-0.1997i
33.3	0.2571-0.3230i	-0.0992-0.0214i	0.4789-0.0772i	0.0147-0.2616i	-0.1217-0.0044i	-0.3555-0.0284i	-1.0746-0.1939i
33.4	0.2188-0.3212i	-0.0893+0.0046i	0.4561-0.0707i	0.0081-0.2473i	-0.1102+0.0214i	-0.3400-0.0234i	-1.0620-0.1851i
33.5	0.1936-0.3014i	-0.0679-0.0032i	0.4123-0.0353i	0.0305-0.2553i	-0.0854+0.0133i	-0.3101-0.0396i	-0.9681-0.2375i
33.6	0.1981-0.2821i	-0.0549-0.0220i	0.3663-0.0604i	0.0428-0.2585i	-0.0732-0.0089i	-0.2723-0.0158i	-0.8410-0.2046i
33.7	0.1447-0.3120i	-0.0499-0.0043i	0.3352-0.0845i	0.0280-0.2393i	-0.0705+0.0166i	-0.2523-0.0032i	-0.8410-0.1800i
33.8	0.1021-0.3200i	-0.0443+0.0068i	0.3320-0.0796i	-0.0027-0.2466i	-0.0631+0.0235i	-0.2465-0.0090i	-0.8439-0.2066i
33.9	0.1546-0.2456i	-0.0340-0.0194i	0.3182-0.0205i	0.0528-0.2320i	-0.0487-0.0050i	-0.2323-0.0385i	-0.7923-0.2656i
34.0	0.1595-0.2381i	-0.0367-0.0182i	0.2913-0.0323i	0.0484-0.2149i	-0.0536-0.0083i	-0.2194-0.0348i	-0.7516-0.2428i
34.1	0.1425-0.2120i	-0.0457-0.0164i	0.3201-0.0423i	0.0164-0.2139i	-0.0610-0.0050i	-0.2371-0.0322i	-0.7876-0.1754i
34.2	0.2140-0.2124i	-0.0554-0.0204i	0.3243-0.0016i	0.0579-0.2215i	-0.0740-0.0077i	-0.2358-0.0591i	-0.7761-0.2430i
34.3	0.2144-0.2001i	-0.0319-0.0218i	0.2693-0.0010i	0.0942-0.2059i	-0.0528-0.0168i	-0.1976-0.0506i	-0.7104-0.2657i
34.4	0.1813-0.1712i	-0.0283-0.0366i	0.2749+0.0070i	0.0932-0.2081i	-0.0431-0.0319i	-0.2040-0.0522i	-0.7561-0.2175i
34.5	0.2256-0.1815i	-0.0326-0.0275i	0.2513+0.0281i	0.1250-0.2139i	-0.0461-0.0220i	-0.1896-0.0636i	-0.6863-0.2471i
34.6	0.2285-0.1598i	-0.0218-0.0414i	0.2198+0.1220i	0.1486-0.2344i	-0.0402-0.0309i	-0.1564-0.1169i	-0.6426-0.3066i
34.7	0.2295-0.1568i	-0.0291-0.0358i	0.2278+0.1383i	0.1406-0.2374i	-0.0505-0.0271i	-0.1619-0.1315i	-0.6288-0.3091i
34.8	0.2783-0.1534i	-0.0336-0.0412i	0.2249+0.1793i	0.1655-0.2486i	-0.0614-0.0311i	-0.1616-0.1618i	-0.5669-0.3596i
34.9	0.3084-0.1766i	-0.0365-0.0434i	0.2256+0.2071i	0.1806-0.2675i	-0.0675-0.0338i	-0.1574-0.1840i	-0.5369-0.4363i
35.0	0.3313-0.2213i	-0.0422-0.0406i	0.2506+0.2072i	0.1900-0.2972i	-0.0744-0.0327i	-0.1817-0.1835i	-0.5724-0.4718i
35.1	0.3593-0.2069i	-0.0433-0.0627i	0.2837+0.2843i	0.2125-0.3150i	-0.0755-0.0511i	-0.2053-0.2328i	-0.5738-0.5570i
35.2	0.3824-0.1897i	-0.0396-0.0643i	0.3009+0.3237i	0.2264-0.3141i	-0.0761-0.0543i	-0.2162-0.2624i	-0.5435-0.6157i
35.3	0.4071-0.2500i	-0.0423-0.0656i	0.3571+0.3757i	0.2401-0.3774i	-0.0774-0.0486i	-0.2595-0.2857i	-0.6237-0.6614i
35.4	0.4149-0.2540i	-0.0301-0.0519i	0.3544+0.3456i	0.2630-0.3692i	-0.0658-0.0323i	-0.2626-0.2665i	-0.6258-0.6455i
35.5	0.4378-0.2565i	-0.0518-0.0481i	0.4804+0.3154i	0.2096-0.3607i	-0.0853-0.0276i	-0.3500-0.2630i	-0.6936-0.6824i
35.6	0.4494-0.2897i	-0.0592-0.0598i	0.4961+0.3459i	0.2273-0.3990i	-0.0903-0.0352i	-0.3666-0.2687i	-0.7520-0.7016i
35.7	0.4729-0.3376i	-0.0608-0.0569i	0.5144+0.3555i	0.2543-0.4528i	-0.0909-0.0295i	-0.3908-0.2491i	-0.8094-0.6692i
35.8	0.4365-0.3613i	-0.0620-0.0634i	0.5666+0.3779i	0.2055-0.5063i	-0.0909-0.0347i	-0.4049-0.2579i	-0.8182-0.6715i
35.9	0.4627-0.3999i	-0.0440-0.0584i	0.5532+0.3625i	0.2377-0.5101i	-0.0779-0.0273i	-0.4062-0.2427i	-0.8427-0.7256i
36.0	0.4671-0.4188i	-0.0496-0.0467i	0.5436+0.2786i	0.2392-0.4846i	-0.0876-0.0167i	-0.4111-0.1833i	-0.9052-0.6641i
36.1	0.4939-0.4464i	-0.0501-0.0450i	0.5668+0.2549i	0.2623-0.5168i	-0.0835-0.0129i	-0.4334-0.1433i	-0.9253-0.5581i
36.2	0.4753-0.4864i	-0.0386-0.0534i	0.5951+0.2646i	0.2470-0.5688i	-0.0692-0.0178i	-0.4429-0.1414i	-0.9158-0.5231i
36.3	0.4863-0.4911i	-0.0329-0.0533i	0.5795+0.2296i	0.2566-0.5504i	-0.0650-0.0174i	-0.4322-0.1209i	-0.8929-0.5176i
36.4	0.4693-0.4902i	-0.0328-0.0694i	0.5689+0.2133i	0.2363-0.5659i	-0.0630-0.0378i	-0.4061-0.1159i	-0.8142-0.5257i
36.5	0.5114-0.5216i	-0.0270-0.0667i	0.5553+0.2255i	0.2831-0.5916i	-0.0570-0.0355i	-0.4028-0.1042i	-0.7938-0.5124i
36.6	0.5061-0.5780i	-0.0238-0.0689i	0.5586+0.2287i	0.2804-0.6432i	-0.0534-0.0320i	-0.4070-0.0886i	-0.7857-0.4851i
36.7	0.4768-0.5834i	-0.0164-0.0936i	0.5393+0.2236i	0.2590-0.6722i	-0.0486-0.0560i	-0.3835-0.0832i	-0.7439-0.5110i
36.8	0.4817-0.6143i	-0.0099-0.1049i	0.5203+0.2169i	0.2710-0.7027i	-0.0441-0.0661i	-0.3701-0.0629i	-0.7057-0.5092i
36.9	0.5110-0.6406i	-0.0075-0.1162i	0.5156+0.2256i	0.2909-0.7347i	-0.0397-0.0804i	-0.3751-0.0702i	-0.7033-0.5825i
37.0	0.5158-0.6761i	-0.0078-0.1244i	0.4819+0.2251i	0.2980-0.7703i	-0.0402-0.0893i	-0.3519-0.0620i	-0.6924-0.5727i
37.1	0.5070-0.7254i	-0.0149-0.1401i	0.4810+0.2339i	0.2787-0.8318i	-0.0446-0.0990i	-0.3447-0.0518i	-0.6876-0.5640i

37.2	0.5196-0.7609i	-0.0261-0.1495i	0.4948+0.2382i	0.2606-0.8518i	-0.0586-0.1088i	-0.3549-0.0401i	-0.7351-0.6122i
37.3	0.4686-0.8727i	-0.0270-0.1696i	0.4855+0.2748i	0.2326-0.9741i	-0.0611-0.1199i	-0.3223-0.0331i	-0.7269-0.6150i
37.4	0.4080-0.9057i	-0.0423-0.2084i	0.4820+0.3051i	0.1710-1.0620i	-0.0707-0.1534i	-0.2989-0.0456i	-0.7183-0.6182i
37.5	0.3963-0.9400i	-0.0551-0.2159i	0.4862+0.3099i	0.1394-1.0798i	-0.0924-0.1585i	-0.2826-0.0348i	-0.7686-0.5962i
37.6	0.3728-0.9422i	-0.0793-0.2131i	0.4685+0.3180i	0.0928-1.0672i	-0.1159-0.1562i	-0.2599-0.0370i	-0.7476-0.5887i
37.7	0.3882-0.9798i	-0.1004-0.2258i	0.4681+0.3352i	0.0867-1.1037i	-0.1339-0.1675i	-0.2583-0.0267i	-0.7320-0.5541i
37.8	0.3615-0.9797i	-0.1220-0.2279i	0.4581+0.3665i	0.0312-1.1158i	-0.1508-0.1669i	-0.2368-0.0485i	-0.6793-0.5745i
37.9	0.2764-1.0419i	-0.1556-0.2458i	0.4503+0.3848i	-0.0736-1.1866i	-0.1801-0.1756i	-0.1842-0.0494i	-0.6372-0.5582i
38.0	0.2648-1.0460i	-0.1926-0.2397i	0.4544+0.4068i	-0.1155-1.1764i	-0.2122-0.1730i	-0.1656-0.0574i	-0.5958-0.5909i
38.1	0.2562-1.0312i	-0.2079-0.2413i	0.4293+0.4370i	-0.1242-1.1665i	-0.2208-0.1794i	-0.1438-0.0744i	-0.5710-0.5665i
38.2	0.1516-1.0204i	-0.2515-0.2188i	0.4567+0.4775i	-0.2680-1.1443i	-0.2548-0.1585i	-0.1091-0.1344i	-0.5601-0.5959i
38.3	0.1083-1.0169i	-0.2650-0.1983i	0.4521+0.5217i	-0.3272-1.1248i	-0.2644-0.1365i	-0.0911-0.1848i	-0.5095-0.6134i
38.4	0.1029-1.0282i	-0.2900-0.1731i	0.4594+0.5412i	-0.3501-1.0990i	-0.2856-0.1138i	-0.0683-0.2040i	-0.4788-0.6134i
38.5	0.1096-1.0338i	-0.2949-0.1520i	0.4839+0.5878i	-0.3477-1.0840i	-0.2942-0.0942i	-0.0753-0.2492i	-0.4559-0.6596i
38.6	0.0618-1.0230i	-0.3058-0.1381i	0.5001+0.6499i	-0.3973-1.0684i	-0.2990-0.0886i	-0.0591-0.3166i	-0.4105-0.7468i
38.7	0.0228-1.0482i	-0.3131-0.1214i	0.5253+0.7271i	-0.4490-1.0805i	-0.3051-0.0739i	-0.0612-0.3760i	-0.3830-0.7925i
38.8	0.0446-1.0979i	-0.3081-0.1084i	0.5781+0.7854i	-0.4219-1.0923i	-0.3031-0.0590i	-0.1043-0.4121i	-0.3897-0.8456i
38.9	0.0312-1.1028i	-0.2886-0.0884i	0.6782+0.8003i	-0.4056-1.0613i	-0.2862-0.0406i	-0.1761-0.4420i	-0.4275-0.8806i
39.0	0.0042-1.0722i	-0.2853-0.0731i	0.7044+0.8330i	-0.4341-1.0356i	-0.2795-0.0286i	-0.1847-0.4982i	-0.4181-0.9163i
39.1	-0.0870-1.0840i	-0.2826-0.0541i	0.8073+0.8547i	-0.5119-1.0309i	-0.2755-0.0109i	-0.2244-0.5399i	-0.4560-0.9741i
39.2	-0.1162-1.1035i	-0.2733-0.0483i	0.9088+0.8430i	-0.5240-1.0322i	-0.2701-0.0074i	-0.2996-0.5374i	-0.5011-1.0023i
39.3	-0.1630-1.1503i	-0.2745-0.0441i	0.9687+0.8386i	-0.5463-1.0797i	-0.2669-0.0085i	-0.3252-0.5333i	-0.5294-1.0348i
39.4	-0.2162-1.1487i	-0.2614-0.0314i	1.1019+0.8096i	-0.5871-1.0581i	-0.2559+0.0101i	-0.4185-0.5337i	-0.6007-1.0513i
39.5	-0.2862-1.1260i	-0.2563-0.0446i	1.1201+0.7604i	-0.6390-1.0627i	-0.2502-0.0001i	-0.4198-0.5250i	-0.6240-1.0477i
39.6	-0.3176-1.1355i	-0.2662-0.0549i	1.1610+0.6901i	-0.6645-1.0820i	-0.2621-0.0144i	-0.4368-0.4897i	-0.6314-1.0543i
39.7	-0.3726-1.1233i	-0.2818-0.0187i	1.2139+0.6078i	-0.7232-1.0482i	-0.2768+0.0202i	-0.4680-0.4736i	-0.6536-1.1093i
39.8	-0.4093-1.1053i	-0.2456+0.0113i	1.1837+0.5719i	-0.7302-1.0133i	-0.2397+0.0460i	-0.4761-0.4990i	-0.7080-1.1538i
39.9	-0.4799-1.0446i	-0.2167-0.0130i	1.1990+0.6291i	-0.7824-0.9926i	-0.2094+0.0156i	-0.5069-0.5520i	-0.8080-1.1547i
40.0	-0.5422-1.0333i	-0.2187-0.0417i	1.2081+0.6052i	-0.8205-1.0113i	-0.2063-0.0053i	-0.5103-0.5252i	-0.8112-1.0987i
40.1	-0.5802-0.9835i	-0.2118-0.0537i	1.2419+0.5604i	-0.8510-0.9809i	-0.1998-0.0209i	-0.5471-0.5007i	-0.8579-1.0768i
40.2	-0.5921-0.9228i	-0.2029-0.0596i	1.2413+0.5108i	-0.8533-0.9343i	-0.1926-0.0306i	-0.5521-0.4806i	-0.8655-1.0276i
40.3	-0.6018-0.8501i	-0.1932-0.0745i	1.2246+0.4776i	-0.8545-0.8898i	-0.1855-0.0490i	-0.5648-0.4726i	-0.8726-0.9957i
40.4	-0.6554-0.8438i	-0.2091-0.0947i	1.2466+0.4761i	-0.8996-0.9099i	-0.1988-0.0674i	-0.5653-0.4516i	-0.8768-0.9705i
40.5	-0.6451-0.8017i	-0.2204-0.0920i	1.3123+0.4512i	-0.9143-0.8736i	-0.2124-0.0651i	-0.6262-0.4433i	-0.8755-0.9314i
40.6	-0.6280-0.7487i	-0.2363-0.1085i	1.3135+0.4318i	-0.9257-0.8591i	-0.2316-0.0800i	-0.6335-0.4350i	-0.8718-0.8981i
40.7	-0.6248-0.7245i	-0.2426-0.1255i	1.3217+0.4159i	-0.9346-0.8511i	-0.2368-0.0985i	-0.6419-0.4041i	-0.8651-0.8972i
40.8	-0.6013-0.6562i	-0.2422-0.1184i	1.3385+0.4274i	-0.9497-0.8053i	-0.2377-0.1005i	-0.6847-0.4340i	-0.8702-0.8806i
40.9	-0.6168-0.6152i	-0.2622-0.1289i	1.3575+0.4150i	-0.9780-0.7931i	-0.2594-0.1089i	-0.6940-0.4561i	-0.8394-0.8711i
41.0	-0.5881-0.6032i	-0.2944-0.1354i	1.4056+0.3719i	-0.9904-0.7829i	-0.2927-0.1128i	-0.7513-0.4395i	-0.8172-0.9134i
41.1	-0.5770-0.5979i	-0.3116-0.1271i	1.4318+0.3043i	-1.0185-0.7522i	-0.3136-0.1030i	-0.7752-0.3859i	-0.8477-0.9041i
41.2	-0.5682-0.5772i	-0.3101-0.1369i	1.3554+0.3055i	-1.0131-0.7424i	-0.3111-0.1166i	-0.7189-0.3781i	-0.8168-0.8490i
41.3	-0.5809-0.5515i	-0.3267-0.1380i	1.3371+0.3447i	-1.0282-0.7343i	-0.3257-0.1223i	-0.7148-0.4264i	-0.8118-0.8617i
41.4	-0.5731-0.5455i	-0.3475-0.1419i	1.3621+0.3167i	-1.0333-0.7275i	-0.3478-0.1249i	-0.7355-0.3892i	-0.8123-0.8430i
41.5	-0.5512-0.5351i	-0.3550-0.1320i	1.3756+0.2658i	-1.0354-0.7069i	-0.3570-0.1109i	-0.7635-0.3570i	-0.7964-0.8126i
41.6	-0.5249-0.5046i	-0.3570-0.1208i	1.4127+0.2880i	-1.0448-0.6827i	-0.3600-0.1024i	-0.8247-0.3851i	-0.7859-0.8087i
41.7	-0.5229-0.4883i	-0.3889-0.0977i	1.5118+0.2681i	-1.0901-0.6549i	-0.3940-0.0872i	-0.9003-0.3858i	-0.7728-0.8421i
41.8	-0.5123-0.4982i	-0.4067-0.0981i	1.4634+0.2406i	-1.0984-0.6709i	-0.4138-0.0882i	-0.8813-0.3755i	-0.7484-0.8395i
41.9	-0.5133-0.4860i	-0.3929-0.0781i	1.4298+0.1737i	-1.1068-0.6213i	-0.4036-0.0677i	-0.9041-0.3049i	-0.7405-0.8093i
42.0	-0.4941-0.4582i	-0.3964-0.0776i	1.4722+0.1886i	-1.0895-0.5962i	-0.4104-0.0696i	-0.9262-0.2756i	-0.7279-0.8407i
42.1	-0.4828-0.4662i	-0.4218-0.0781i	1.4699+0.1249i	-1.1024-0.6096i	-0.4387-0.0640i	-0.8986-0.2318i	-0.7147-0.8214i
42.2	-0.4829-0.4779i	-0.4270-0.0499i	1.4065+0.0451i	-1.1233-0.6023i	-0.4457-0.0311i	-0.8512-0.1629i	-0.7052-0.8229i
42.3	-0.4867-0.4635i	-0.4061-0.0439i	1.3649+0.0546i	-1.1405-0.5800i	-0.4258-0.0254i	-0.8220-0.1607i	-0.7041-0.8431i
42.4	-0.4498-0.4859i	-0.4098-0.0683i	1.3526+0.0229i	-1.1561-0.5820i	-0.4306-0.0431i	-0.8023-0.1315i	-0.6725-0.8496i
42.5	-0.4643-0.4860i	-0.4214-0.0915i	1.2442+0.0906i	-1.1609-0.5489i	-0.4399-0.0628i	-0.7092-0.1909i	-0.6703-0.8716i
42.6	-0.4687-0.4469i	-0.4437-0.0878i	1.3119+0.1712i	-1.1714-0.5235i	-0.4640-0.0615i	-0.7660-0.2750i	-0.6909-0.8457i
42.7	-0.4537-0.4597i	-0.4738-0.0719i	1.3591+0.1659i	-1.1929-0.5030i	-0.4980-0.0422i	-0.8409-0.2993i	-0.6963-0.8331i
42.8	-0.4676-0.4490i	-0.5080-0.0499i	1.4343+0.1750i	-1.2244-0.4764i	-0.5305-0.0226i	-0.9391-0.2956i	-0.6981-0.8238i
42.9	-0.4731-0.4037i	-0.5115-0.0232i	1.3889+0.1544i	-1.2146-0.4331i	-0.5318-0.0028i	-0.8939-0.2436i	-0.6354-0.8115i
43.0	-0.4542-0.3939i	-0.5267-0.0028i	1.3945+0.2036i	-1.2244-0.4407i	-0.5479+0.0162i	-0.9053-0.2766i	-0.5973-0.8093i
43.1	-0.4294-0.4208i	-0.5377+0.0386i	1.4493+0.2282i	-1.2604-0.4328i	-0.5580+0.0619i	-0.9793-0.2491i	-0.5692-0.8355i
43.2	-0.4242-0.4394i	-0.4956+0.0580i	1.4229+0.1887i	-1.2253-0.4032i	-0.5159+0.0832i	-0.9107-0.2095i	-0.5746-0.8586i
43.3	-0.4385-0.4323i	-0.4791+0.0184i	1.4814+0.2972i	-1.2292-0.4402i	-0.4976+0.0401i	-0.9274-0.3105i	-0.5790-0.7980i
43.4	-0.4292-0.4201i	-0.5346+0.0111i	1.6857+0.2925i	-1.2978-0.4257i	-0.5553+0.0342i	-1.1080-0.3264i	-0.4802-0.7906i

43.5	-0.4053-0.4176i	-0.5587+0.0330i	1.8033+0.1140i	-1.3096-0.3809i	-0.5835+0.0599i	-1.1852-0.1748i	-0.4509-0.8573i
43.6	-0.3776-0.4440i	-0.5651+0.0636i	1.6639-0.0489i	-1.3076-0.3610i	-0.5890+0.0924i	-1.0454-0.0597i	-0.4438-0.8878i
43.7	-0.3979-0.4521i	-0.5390+0.0806i	1.5562+0.0753i	-1.2939-0.3539i	-0.5652+0.1019i	-0.9634-0.1820i	-0.4497-0.9192i
43.8	-0.4122-0.4139i	-0.5342+0.0440i	1.6812+0.2283i	-1.3050-0.3669i	-0.5599+0.0615i	-1.0846-0.3375i	-0.4650-0.8984i
43.9	-0.3759-0.4171i	-0.5940+0.0393i	1.9378+0.1191i	-1.3777-0.3542i	-0.6268+0.0621i	-1.3072-0.2625i	-0.3919-0.8786i
44.0	-0.3862-0.4740i	-0.6049+0.0935i	1.9014-0.1341i	-1.4041-0.3031i	-0.6403+0.1239i	-1.3227-0.0764i	-0.3527-0.9388i
44.1	-0.4270-0.4761i	-0.5941+0.1074i	1.8256-0.2158i	-1.4331-0.2755i	-0.6267+0.1401i	-1.3395+0.0039i	-0.3530-0.9743i
44.2	-0.3822-0.4675i	-0.6217+0.1521i	1.8449-0.3340i	-1.4604-0.2164i	-0.6618+0.1830i	-1.3812+0.1477i	-0.2460-0.9842i
44.3	-0.3943-0.5339i	-0.6116+0.2472i	1.6363-0.6351i	-1.4865-0.0809i	-0.6513+0.2840i	-1.2380+0.4705i	-0.1938-1.1809i
44.4	-0.4679-0.5446i	-0.5183+0.2705i	1.2758-0.5018i	-1.3949+0.0036i	-0.5557+0.3106i	-0.8984+0.4541i	-0.3611-1.3225i
44.5	-0.5193-0.4736i	-0.4471+0.1877i	1.2163-0.0488i	-1.2789-0.0546i	-0.4799+0.2240i	-0.7411+0.0708i	-0.5219-1.2308i
44.6	-0.5113-0.4558i	-0.4674+0.1321i	1.3963-0.0068i	-1.2806-0.0976i	-0.5022+0.1676i	-0.8721-0.0323i	-0.5098-1.1264i
44.7	-0.5220-0.4313i	-0.5492+0.1001i	1.4464+0.0727i	-1.2672-0.1208i	-0.5797+0.1356i	-0.9251-0.0884i	-0.5468-1.1399i
44.8	-0.4847-0.3848i	-0.5833+0.1419i	1.6046+0.1818i	-1.2893-0.1543i	-0.6131+0.1744i	-1.0349-0.1704i	-0.5540-1.0338i
44.9	-0.4131-0.3834i	-0.6191+0.1499i	1.9267+0.0500i	-1.3503-0.1588i	-0.6546+0.1852i	-1.2867-0.0717i	-0.4702-0.9927i
45.0	-0.3696-0.3850i	-0.6856+0.1796i	1.9341-0.1783i	-1.3933-0.1164i	-0.7241+0.2116i	-1.2796+0.1132i	-0.3498-0.9791i
45.1	-0.3617-0.4550i	-0.6825+0.3226i	1.8406-0.2665i	-1.3999-0.0595i	-0.7295+0.3615i	-1.1684+0.1623i	-0.2531-1.0969i
45.2	-0.3946-0.5007i	-0.5507+0.3700i	1.7886-0.3053i	-1.3622-0.0463i	-0.6040+0.4087i	-1.1104+0.1269i	-0.3310-1.1637i
45.3	-0.3902-0.5089i	-0.4950+0.2867i	1.8371-0.3578i	-1.3759-0.0562i	-0.5481+0.3324i	-1.1736+0.0952i	-0.3604-1.1384i
45.4	-0.4484-0.5025i	-0.5251+0.2281i	1.7957-0.3426i	-1.4133-0.0455i	-0.5700+0.2802i	-1.2459+0.0520i	-0.3293-1.1442i
45.5	-0.4449-0.4408i	-0.5868+0.2043i	1.9863-0.3755i	-1.4931-0.0166i	-0.6366+0.2451i	-1.4796+0.1868i	-0.2768-1.0573i
45.6	-0.4244-0.4971i	-0.5984+0.2264i	1.8487-0.5292i	-1.4586+0.0503i	-0.6504+0.2797i	-1.3296+0.3449i	-0.2204-1.1395i
45.7	-0.4628-0.4991i	-0.6285+0.2206i	1.7743-0.4150i	-1.4290+0.0268i	-0.6681+0.2717i	-1.2648+0.2030i	-0.2614-1.1616i
45.8	-0.4079-0.5024i	-0.7188+0.3336i	1.9369-0.6351i	-1.4808+0.0967i	-0.7612+0.3840i	-1.4049+0.4138i	-0.1335-1.1702i
45.9	-0.4008-0.5828i	-0.6751+0.4717i	1.7938-0.8781i	-1.4387+0.1711i	-0.7217+0.5284i	-1.2563+0.5911i	-0.0593-1.3136i
46.0	-0.5030-0.6016i	-0.4951+0.5048i	1.5545-0.8716i	-1.4014+0.1903i	-0.5393+0.5616i	-1.1522+0.5556i	-0.1757-1.4169i
46.1	-0.5061-0.5844i	-0.4574+0.3925i	1.5297-0.8946i	-1.4169+0.2385i	-0.5136+0.4555i	-1.1549+0.6582i	-0.1634-1.4326i
46.2	-0.5779-0.6424i	-0.5193+0.3311i	1.3210-0.8241i	-1.3453+0.2618i	-0.5625+0.4114i	-0.9290+0.5960i	-0.1918-1.5852i
46.3	-0.6125-0.5317i	-0.6908+0.3064i	1.5582-0.5709i	-1.3709+0.1752i	-0.7187+0.3735i	-1.1550+0.3882i	-0.2611-1.4653i
46.4	-0.5423-0.6011i	-0.8032+0.5995i	1.7377-1.0774i	-1.4599+0.2705i	-0.8427+0.6733i	-1.3176+0.8355i	-0.0341-1.5572i
46.5	-0.7087-0.6661i	-0.4923+0.7241i	1.0248-1.1866i	-1.2982+0.3138i	-0.5156+0.8074i	-0.7220+0.9430i	-0.2506-1.8338i
46.6	-0.7979-0.5094i	-0.3114+0.5335i	0.7199-0.5802i	-1.2169+0.1720i	-0.3255+0.5985i	-0.4727+0.4490i	-0.5525-1.6532i
46.7	-0.7899-0.4470i	-0.3075+0.4770i	0.8610-0.3215i	-1.2644+0.1408i	-0.3228+0.5375i	-0.6077+0.2325i	-0.5541-1.5172i
46.8	-0.7679-0.3378i	-0.3070+0.3279i	1.1368-0.1457i	-1.3344+0.1005i	-0.3215+0.3730i	-0.8106+0.1083i	-0.5370-1.3822i
46.9	-0.6675-0.3372i	-0.4628+0.2935i	1.3663-0.2772i	-1.4193+0.1159i	-0.4958+0.3368i	-1.0157+0.2084i	-0.3716-1.3186i
47.0	-0.6797-0.4598i	-0.4987+0.5233i	1.1427-0.6203i	-1.4150+0.2741i	-0.5335+0.5847i	-0.8696+0.5877i	-0.2030-1.5459i
47.1	-0.8259-0.3887i	-0.2616+0.5054i	0.8160-0.2691i	-1.2729+0.2332i	-0.2777+0.5621i	-0.5302+0.3733i	-0.4376-1.6571i
47.2	-0.7927-0.1905i	-0.2037+0.2212i	1.1044+0.3049i	-1.2946+0.0422i	-0.2227+0.2473i	-0.6391-0.1420i	-0.6062-1.4102i
47.3	-0.6664-0.1932i	-0.3912+0.1436i	1.5977+0.2649i	-1.4536+0.0300i	-0.4333+0.1665i	-1.0364-0.2086i	-0.4270-1.2841i
47.4	-0.5798-0.2456i	-0.5562+0.1731i	1.9863-0.0149i	-1.5772+0.0885i	-0.6203+0.2029i	-1.3746-0.0413i	-0.2388-1.2713i
47.5	-0.5550-0.3350i	-0.6243+0.2832i	2.0317-0.4331i	-1.6233+0.1959i	-0.6982+0.3322i	-1.4438+0.2416i	-0.1259-1.3831i
47.6	-0.6297-0.4292i	-0.6347+0.4140i	1.8141-0.8293i	-1.6223+0.2978i	-0.7021+0.4820i	-1.3234+0.5540i	-0.0725-1.5548i
47.7	-0.7431-0.4695i	-0.5548+0.5221i	1.3947-0.9596i	-1.5834+0.3494i	-0.6152+0.6035i	-1.0614+0.6929i	-0.1246-1.6857i
47.8	-0.9048-0.3802i	-0.3830+0.4875i	0.9150-0.6406i	-1.5190+0.3159i	-0.4211+0.5674i	-0.7378+0.4743i	-0.2856-1.7113i
47.9	-0.9302-0.2680i	-0.3613+0.3913i	0.9374-0.2830i	-1.5468+0.2855i	-0.3952+0.4562i	-0.8010+0.2395i	-0.3293-1.6974i
48.0	-0.8935-0.1923i	-0.3956+0.4273i	0.9808-0.1817i	-1.5753+0.3449i	-0.4342+0.4932i	-0.8311+0.2779i	-0.3091-1.7322i
48.1	-0.9258-0.0769i	-0.2727+0.3512i	1.0376+0.2354i	-1.5764+0.3148i	-0.3079+0.4075i	-0.8165-0.0197i	-0.4024-1.6899i
48.2	-0.8057-0.0094i	-0.3784+0.2293i	1.5788+0.2511i	-1.6772+0.3339i	-0.4344+0.2858i	-1.2367-0.0545i	-0.3286-1.5955i
48.3	-0.7477-0.0631i	-0.4324+0.2597i	1.7561-0.0815i	-1.7129+0.4267i	-0.5000+0.3270i	-1.3576+0.1969i	-0.2566-1.7222i
48.4	-0.7953-0.0455i	-0.4496+0.2204i	1.5272-0.2178i	-1.6617+0.4842i	-0.5085+0.2968i	-1.1853+0.3236i	-0.3663-1.7767i
48.5	-0.7930+0.0301i	-0.5420+0.1954i	1.4335-0.0179i	-1.6442+0.4637i	-0.5923+0.2723i	-1.0862+0.1983i	-0.4538-1.7148i
48.6	-0.6975+0.0926i	-0.5926+0.2645i	1.6188+0.0942i	-1.6797+0.4664i	-0.6469+0.3357i	-1.1815+0.1172i	-0.4072-1.6478i
48.7	-0.6358+0.0777i	-0.6033+0.3014i	1.7078-0.0220i	-1.7313+0.5382i	-0.6668+0.3735i	-1.2227+0.1653i	-0.3064-1.6535i
48.8	-0.7209-0.0374i	-0.5720+0.4057i	1.3844-0.1716i	-1.7132+0.6695i	-0.6314+0.4940i	-1.0244+0.2646i	-0.2504-1.8893i
48.9	-0.7814+0.0248i	-0.4823+0.3571i	1.3154+0.1670i	-1.6310+0.6471i	-0.5305+0.4452i	-0.9833+0.0168i	-0.4111-1.9681i
49.0	-0.7201+0.1959i	-0.5297+0.1836i	1.7628+0.4759i	-1.6144+0.5450i	-0.5817+0.2573i	-1.2705-0.1921i	-0.6059-1.7583i
49.1	-0.6507+0.2301i	-0.6005+0.2074i	1.8774+0.4285i	-1.6466+0.5560i	-0.6557+0.2838i	-1.3458-0.1873i	-0.5655-1.7346i
49.2	-0.4600+0.3379i	-0.7515+0.1289i	2.4430+0.6435i	-1.7585+0.5150i	-0.8219+0.1895i	-1.7924-0.3729i	-0.5226-1.5664i
49.3	-0.3527+0.2621i	-0.8997+0.2170i	2.8455+0.2624i	-1.8887+0.5890i	-0.9939+0.2868i	-2.1470-0.1361i	-0.3869-1.4708i
49.4	-0.3291+0.0899i	-0.9578+0.4492i	2.8069-0.4159i	-1.9396+0.7447i	-1.0641+0.5582i	-2.1672+0.3915i	-0.2324-1.5531i
49.5	-0.4044+0.0832i	-0.7635+0.5223i	2.4152-0.3556i	-1.8528+0.7768i	-0.8494+0.6355i	-1.8619+0.3295i	-0.3178-1.7072i
49.6	-0.3897+0.0345i	-0.7678+0.4590i	2.5386-0.5499i	-1.8967+0.8278i	-0.8540+0.5890i	-2.0492+0.4716i	-0.3165-1.6830i
49.7	-0.3696+0.0374i	-0.8593+0.4835i	2.4945-0.7938i	-1.9209+0.9220i	-0.9302+0.6199i	-2.0928+0.7270i	-0.2704-1.6687i

49.8	-0.3569-0.0297i	-0.8580+0.6171i	2.1895-0.9402i	-1.8494+1.0100i	-0.9260+0.7582i	-1.8225+0.8836i	-0.1948-1.7576i
49.9	-0.4259-0.0553i	-0.7221+0.6855i	1.9139-0.7247i	-1.7631+1.0106i	-0.7765+0.8294i	-1.5863+0.7344i	-0.2545-1.8647i
50.0	-0.3716-0.0207i	-0.6714+0.5181i	2.2902-0.5454i	-1.8384+0.9775i	-0.7359+0.6583i	-1.9251+0.5284i	-0.3076-1.7982i
50.1	-0.4411-0.0541i	-0.7387+0.5171i	2.2054-0.7117i	-1.8644+1.0635i	-0.8031+0.6719i	-1.9452+0.6711i	-0.2800-1.8002i
50.2	-0.4876-0.0762i	-0.7702+0.5878i	2.1528-0.7492i	-1.8204+1.1209i	-0.8140+0.7487i	-1.9566+0.8131i	-0.3061-1.8832i
50.3	-0.5202-0.0959i	-0.7268+0.6691i	2.0588-0.8255i	-1.7910+1.1381i	-0.7551+0.8215i	-1.9054+0.8690i	-0.3316-1.9551i
50.4	-0.6044-0.0381i	-0.6255+0.6473i	1.9065-0.7318i	-1.7545+1.1408i	-0.6396+0.7990i	-1.8394+0.8335i	-0.4804-1.9781i
50.5	-0.5582+0.0893i	-0.6664+0.5776i	2.0196-0.6187i	-1.8002+1.1849i	-0.6789+0.7197i	-1.9807+0.8585i	-0.4805-1.8404i
50.6	-0.5388+0.1124i	-0.6877+0.5988i	1.9601-0.7101i	-1.7913+1.2973i	-0.7046+0.7369i	-1.8831+1.0815i	-0.4357-1.8212i
50.7	-0.5934+0.1500i	-0.6846+0.5595i	1.8192-0.4166i	-1.7134+1.2826i	-0.6986+0.6904i	-1.6695+0.8921i	-0.5374-1.8560i
50.8	-0.5707+0.2200i	-0.7392+0.5369i	2.0408-0.2136i	-1.7028+1.2350i	-0.7524+0.6603i	-1.8437+0.7589i	-0.6045-1.7509i
50.9	-0.5090+0.2460i	-0.7687+0.5980i	2.1671-0.3193i	-1.7138+1.2243i	-0.7850+0.7226i	-1.8820+0.8596i	-0.5921-1.6433i
51.0	-0.4541+0.3241i	-0.7872+0.5634i	2.4457-0.1207i	-1.8123+1.1659i	-0.8109+0.6708i	-2.0668+0.6732i	-0.5753-1.4731i
51.1	-0.2917+0.3058i	-0.9529+0.5760i	3.0164-0.4568i	-1.9701+1.2244i	-1.0043+0.6860i	-2.5326+0.8654i	-0.3787-1.3321i
51.2	-0.2561+0.1464i	-0.9840+0.8146i	2.8320-1.1073i	-1.9830+1.4239i	-1.0385+0.9605i	-2.4637+1.4111i	-0.1341-1.4908i
51.3	-0.4057+0.2044i	-0.8042+0.8430i	2.3796-0.9572i	-1.9175+1.4876i	-0.8310+0.9885i	-2.1526+1.3844i	-0.2297-1.5669i
51.4	-0.4233+0.3124i	-0.7254+0.7909i	2.3042-0.6872i	-1.8946+1.4886i	-0.7428+0.9236i	-2.0953+1.2498i	-0.2983-1.5389i
51.5	-0.3216+0.4728i	-0.7385+0.6225i	2.7349-0.4219i	-1.9581+1.4769i	-0.7747+0.7376i	-2.3743+1.1019i	-0.3550-1.3031i
51.6	-0.0904+0.4211i	-0.9488+0.6320i	3.3245-0.8823i	-2.1200+1.5865i	-1.0206+0.7525i	-2.8424+1.4375i	-0.0561-1.1228i
51.7	-0.0587+0.1932i	-0.9865+0.8441i	2.9954-1.6287i	-2.1153+1.8192i	-1.0577+1.0056i	-2.6406+2.0772i	0.2992-1.3257i
51.8	-0.1573+0.1815i	-0.9291+0.8492i	2.6678-1.5332i	-2.0105+1.8858i	-0.9872+1.0115i	-2.3310+2.0950i	0.2315-1.5202i
51.9	-0.1876+0.2595i	-0.9570+0.8253i	2.7597-1.4202i	-1.9944+1.8763i	-1.0158+0.9875i	-2.3366+2.0047i	0.1257-1.4753i
52.0	-0.1492+0.3282i	-0.9977+0.8378i	2.7514-1.3802i	-2.0024+1.9158i	-1.0441+0.9993i	-2.3735+1.9998i	0.2209-1.4537i
52.1	-0.0430+0.3074i	-1.0454+0.9785i	2.7769-1.7127i	-2.0274+2.0906i	-1.0958+1.1465i	-2.3900+2.3567i	0.4610-1.5284i
52.2	-0.0261+0.2723i	-0.9888+1.0349i	2.5266-1.8684i	-1.9639+2.2025i	-1.0268+1.2127i	-2.1587+2.5644i	0.4968-1.6738i
52.3	-0.0539+0.2550i	-0.9246+1.0617i	2.1255-1.7822i	-1.8716+2.2407i	-0.9439+1.2380i	-1.7589+2.5190i	0.4928-1.7714i
52.4	-0.0888+0.3460i	-0.8881+1.0091i	2.0428-1.3830i	-1.8446+2.2380i	-0.9030+1.1674i	-1.6988+2.1919i	0.4078-1.7375i
52.5	0.0104+0.4221i	-0.9582+1.0164i	2.3390-1.4181i	-1.8703+2.3622i	-0.9787+1.1783i	-1.9628+2.3430i	0.4649-1.6618i
52.6	0.0753+0.4212i	-0.9511+1.0730i	2.1637-1.5783i	-1.7791+2.4683i	-0.9761+1.2439i	-1.7836+2.5683i	0.5414-1.7457i
52.7	0.0659+0.5574i	-0.8428+0.9954i	1.9492-1.0172i	-1.7118+2.4228i	-0.8583+1.1415i	-1.4995+2.1215i	0.4132-1.6176i
52.8	0.3314+0.5953i	-1.0257+0.9545i	2.5753-0.9197i	-1.8682+2.4608i	-1.0719+1.0984i	-1.9380+2.0459i	0.6614-1.4057i
52.9	0.4817+0.3625i	-1.1697+1.1375i	2.7697-1.4837i	-1.9322+2.6458i	-1.2326+1.3070i	-2.0851+2.5154i	1.0357-1.5498i
53.0	0.4304+0.2027i	-1.0761+1.3270i	2.3830-1.7644i	-1.7680+2.8621i	-1.1281+1.5184i	-1.7302+2.7965i	1.0853-1.8406i
53.1	0.3963+0.2598i	-0.9720+1.3143i	2.0556-1.4929i	-1.6160+2.9407i	-1.0022+1.5057i	-1.4476+2.6497i	1.1203-1.9275i
53.2	0.4903+0.2422i	-0.9735+1.3310i	2.2165-1.3906i	-1.5538+2.9876i	-0.9902+1.5199i	-1.4379+2.5895i	1.2497-1.9226i
53.3	0.5179+0.0973i	-0.9689+1.4400i	2.0785-1.5297i	-1.4664+3.1142i	-0.9931+1.6389i	-1.3367+2.7336i	1.3545-2.1952i
53.4	0.4900+0.1917i	-0.9026+1.3391i	2.0500-0.9265i	-1.2989+3.1176i	-0.9317+1.5248i	-1.2604+2.3207i	1.3597-2.2403i
53.5	0.5295+0.2361i	-0.9535+1.3268i	2.3767-0.7675i	-1.2490+3.0796i	-0.9776+1.5160i	-1.4884+2.1854i	1.3550-2.2565i
53.6	0.6310+0.3344i	-0.9743+1.3466i	2.6402-0.6535i	-1.2111+3.0111i	-0.9875+1.5170i	-1.6393+2.1436i	1.3725-2.2107i
53.7	0.8949+0.3293i	-1.0676+1.2882i	3.2081-0.5484i	-1.3175+3.0151i	-1.1048+1.4424i	-2.0604+2.0807i	1.6150-2.1715i
53.8	1.0564+0.3094i	-1.2012+1.1938i	3.7436-0.4403i	-1.2890+3.0128i	-1.2778+1.3435i	-2.3931+2.0345i	1.7357-2.2057i
53.9	1.4673+0.0040i	-1.5690+1.4483i	4.6965-1.3592i	-1.5218+3.1062i	-1.7112+1.6319i	-3.1085+2.7040i	2.3073-2.3635i
54.0	1.5033-0.5688i	-1.5732+1.9749i	4.4908-2.7385i	-1.5194+3.5503i	-1.7047+2.2467i	-2.9914+3.8072i	2.6514-3.0895i
54.1	1.2300-0.8501i	-1.2979+2.2300i	3.7328-3.2839i	-1.2738+3.8263i	-1.3802+2.5460i	-2.3695+4.3667i	2.4439-3.7477i
54.2	0.9854-0.6351i	-1.0255+1.9573i	2.9313-2.4883i	-0.9179+3.6673i	-1.0538+2.2275i	-1.5012+3.7759i	1.9426-3.7248i
54.3	1.2861-0.6596i	-1.3579+1.9860i	3.7788-2.3669i	-1.0946+3.6375i	-1.4247+2.2325i	-2.1572+3.6485i	2.1871-3.6377i
54.4	1.3267-1.1423i	-1.3520+2.4942i	3.7636-3.4350i	-1.0937+4.0463i	-1.4396+2.7890i	-2.1260+4.5400i	2.4793-4.2375i
54.5	1.1434-1.4793i	-1.1278+2.8078i	3.2415-3.9152i	-0.8612+4.3389i	-1.2044+3.1396i	-1.6652+5.0056i	2.3960-4.8616i
54.6	0.7929-1.6257i	-0.7360+2.9431i	2.4943-3.9656i	-0.4423+4.5317i	-0.7669+3.3088i	-0.9241+5.1504i	1.9315-5.3780i
54.7	0.3567-1.3754i	-0.3304+2.6459i	1.9024-3.0984i	0.0034+4.3732i	-0.2940+2.9836i	-0.3271+4.5154i	1.1394-5.4096i
54.8	0.6284-1.0157i	-0.6587+2.2710i	3.0307-2.4391i	-0.1023+3.9942i	-0.6632+2.5384i	-1.1133+3.9320i	1.1126-4.9126i
54.9	0.9965-1.5279i	-1.0236+2.8760i	3.8966-4.1374i	-0.4032+4.3216i	-1.1042+3.2133i	-1.7178+5.1615i	1.5771-5.2056i
55.0	0.5896-2.0293i	-0.5467+3.3986i	2.6445-5.1781i	-0.0204+4.7544i	-0.5583+3.8280i	-0.6921+5.9678i	1.2302-5.9194i
55.1	0.1692-1.9679i	-0.0606+3.3293i	1.7137-4.8816i	0.4427+4.7568i	-0.0045+3.7563i	0.1449+5.7354i	0.6178-6.0359i
55.2	-0.0119-1.8245i	0.1781+3.2088i	1.3964-4.5338i	0.7375+4.6195i	0.2649+3.6175i	0.5270+5.4677i	0.2277-5.8610i
55.3	-0.2029-1.6228i	0.4352+2.9754i	0.9477-4.0090i	1.0636+4.4051i	0.5646+3.3636i	1.0083+5.0412i	-0.0760-5.6497i
55.4	-0.3497-1.3257i	0.6974+2.6771i	0.6963-3.3473i	1.3721+4.0879i	0.8622+3.0209i	1.3225+4.4554i	-0.5409-5.3704i
55.5	-0.0373-1.1679i	0.4796+2.4298i	1.4352-3.1101i	1.2284+3.8354i	0.6064+2.7293i	0.8257+4.1187i	-0.4097-4.9653i
55.6	0.1153-1.5789i	0.3077+2.7283i	1.4994-4.1169i	1.1771+4.0793i	0.4089+3.0662i	0.7660+4.8020i	-0.0863-5.1614i
55.7	-0.2073-1.7125i	0.5834+2.8710i	0.7183-4.1993i	1.4882+4.1503i	0.7208+3.2235i	1.3545+4.9306i	-0.3167-5.4139i
55.8	-0.4015-1.6151i	0.8090+2.7605i	0.3248-3.7734i	1.7312+3.9934i	0.9708+3.0932i	1.6893+4.5701i	-0.5754-5.3383i
55.9	-0.4705-1.4598i	0.9242+2.5831i	0.2614-3.3143i	1.8658+3.7646i	1.0964+2.8961i	1.8116+4.1749i	-0.7293-5.1756i
56.0	-0.3313-1.2298i	0.8657+2.2955i	0.6992-2.7572i	1.8327+3.4204i	1.0196+2.5663i	1.5436+3.6574i	-0.7044-4.8970i

56.1	0.0101-1.4460i	0.5665+2.3558i	1.5613-3.4121i	1.5498+3.4635i	0.6603+2.6384i	0.8887+4.0480i	-0.3461-4.8813i
56.2	-0.3018-1.7368i	0.7989+2.6059i	0.7046-4.0275i	1.8473+3.6406i	0.9246+2.9339i	1.5986+4.5151i	-0.4943-5.1835i
56.3	-0.5937-1.6844i	1.0578+2.5558i	0.0593-3.6914i	2.1117+3.5155i	1.2112+2.8863i	2.1404+4.2618i	-0.7235-5.2300i
56.4	-0.6754-1.6388i	1.1464+2.4636i	-0.0380-3.3989i	2.2145+3.3772i	1.3098+2.7922i	2.2759+4.0385i	-0.7867-5.1894i
56.5	-0.7219-1.5697i	1.1803+2.3711i	-0.0278-3.2109i	2.2557+3.2654i	1.3493+2.6981i	2.3190+3.8608i	-0.8344-5.1250i
56.6	-0.7954-1.4543i	1.2561+2.2312i	-0.0924-2.9091i	2.3111+3.0779i	1.4419+2.5498i	2.3946+3.6024i	-0.9696-5.0204i
56.7	-0.8190-1.3959i	1.2720+2.1178i	-0.0726-2.6910i	2.2949+2.9044i	1.4544+2.4248i	2.3855+3.3833i	-0.9905-4.9664i
56.8	-0.8309-1.3795i	1.2683+2.0852i	-0.0035-2.6053i	2.3188+2.8254i	1.4569+2.3983i	2.3827+3.2433i	-0.9833-4.9734i
56.9	-0.9098-1.2833i	1.3195+1.9922i	-0.0092-2.4003i	2.3491+2.7025i	1.5215+2.2951i	2.4099+3.0441i	-1.1104-4.8951i
57.0	-0.9114-1.1527i	1.3115+1.8183i	0.1143-2.0763i	2.3126+2.5236i	1.5128+2.0981i	2.3395+2.7588i	-1.0786-4.7244i
57.1	-0.7969-1.0123i	1.2267+1.6294i	0.5514-1.7324i	2.1895+2.3009i	1.4171+1.8826i	2.0540+2.4584i	-1.0264-4.5410i
57.2	-0.4354-1.1713i	0.8693+1.7176i	1.4816-2.3364i	1.8563+2.3869i	1.0008+1.9744i	1.3585+2.7932i	-0.6960-4.5554i
57.3	-0.5221-1.5447i	0.8662+2.0354i	1.2110-3.2452i	1.9157+2.6964i	0.9761+2.3631i	1.5426+3.4517i	-0.5736-4.8480i
57.4	-0.7757-1.5231i	1.0580+2.0510i	0.5999-3.1351i	2.1232+2.6843i	1.2176+2.4091i	1.9778+3.3823i	-0.7006-4.9552i
57.5	-0.9741-1.4652i	1.2369+1.9992i	0.1787-2.9241i	2.2830+2.5951i	1.4405+2.3639i	2.2957+3.2148i	-0.7914-5.0162i
57.6	-1.0231-1.4354i	1.2790+1.9805i	0.1501-2.8174i	2.3060+2.5614i	1.4913+2.3449i	2.3442+3.1343i	-0.7608-5.0604i
57.7	-1.0907-1.3574i	1.3168+1.9056i	0.1456-2.6756i	2.3385+2.4710i	1.5453+2.2656i	2.4089+3.0103i	-0.8001-5.0413i
57.8	-1.1210-1.2797i	1.3608+1.8332i	0.1128-2.5657i	2.3613+2.3883i	1.6008+2.1883i	2.4366+2.8933i	-0.8484-5.0331i
57.9	-1.1054-1.2205i	1.3312+1.7709i	0.1889-2.4647i	2.3340+2.3520i	1.5625+2.1228i	2.4314+2.7864i	-0.7439-5.0316i
58.0	-1.1464-1.1857i	1.3537+1.7304i	0.2303-2.4083i	2.3288+2.3068i	1.6052+2.0929i	2.4387+2.7029i	-0.7162-5.0592i
58.1	-1.1867-1.1505i	1.4031+1.6860i	0.2232-2.3599i	2.3608+2.2584i	1.6834+2.0487i	2.4775+2.6770i	-0.7509-5.1190i
58.2	-1.1411-1.0778i	1.3488+1.6179i	0.2398-2.2723i	2.3744+2.2259i	1.6306+1.9737i	2.5227+2.6076i	-0.8019-5.1368i
58.3	-1.0855-1.0439i	1.3222+1.6060i	0.2821-2.2485i	2.3832+2.2249i	1.6107+1.9555i	2.5102+2.5159i	-0.7410-5.2106i
58.4	-1.0905-1.0588i	1.3142+1.5922i	0.4151-2.1873i	2.4015+2.2021i	1.6260+1.9372i	2.4631+2.4263i	-0.6749-5.3269i
58.5	-1.0497-1.0246i	1.2709+1.5420i	0.6193-2.1626i	2.3895+2.1747i	1.5853+1.8820i	2.3489+2.3843i	-0.6482-5.3462i
58.6	-0.9874-1.1718i	1.1930+1.6854i	0.7591-2.5471i	2.3363+2.2506i	1.5006+2.0377i	2.2283+2.6174i	-0.5004-5.4631i
58.7	-1.1124-1.2968i	1.2699+1.7838i	0.5202-2.7540i	2.4469+2.3145i	1.6091+2.1473i	2.4486+2.7736i	-0.5373-5.6638i
58.8	-1.2248-1.2780i	1.3876+1.7293i	0.3436-2.6607i	2.5792+2.2612i	1.7620+2.0809i	2.6524+2.6693i	-0.6555-5.7692i
58.9	-1.3207-1.2378i	1.4398+1.6874i	0.3131-2.6018i	2.6461+2.2158i	1.8312+2.0370i	2.7158+2.5818i	-0.7182-5.8274i
59.0	-1.3198-1.2369i	1.4525+1.6742i	0.2688-2.5955i	2.7112+2.1914i	1.8521+2.0143i	2.7531+2.5443i	-0.7852-5.9693i
59.1	-1.3810-1.1863i	1.4694+1.6381i	0.2244-2.5511i	2.7652+2.1217i	1.8882+1.9588i	2.7933+2.4673i	-0.8422-6.0012i
59.2	-1.4109-1.1971i	1.4840+1.6063i	0.2164-2.5510i	2.8081+2.0849i	1.9112+1.9169i	2.8127+2.4134i	-0.8668-6.0733i
59.3	-1.4296-1.2097i	1.4951+1.6203i	0.1829-2.5683i	2.8476+2.0706i	1.9239+1.9238i	2.8230+2.3854i	-0.9159-6.1853i
59.4	-1.4828-1.2021i	1.4827+1.6195i	0.1335-2.6013i	2.9109+2.0223i	1.9351+1.9180i	2.8568+2.3191i	-0.9611-6.3626i
59.5	-1.5364-1.1612i	1.5224+1.5859i	0.1178-2.6033i	2.9650+1.9464i	1.9839+1.8689i	2.9175+2.2745i	-1.0512-6.4252i
59.6	-1.5755-1.1413i	1.5583+1.5681i	0.1386-2.5655i	3.0344+1.9114i	2.0265+1.8385i	2.9830+2.2408i	-1.0655-6.4560i
59.7	-1.6108-1.1327i	1.5795+1.5578i	0.0933-2.5693i	3.0285+1.8970i	2.0548+1.8261i	3.0256+2.1964i	-1.1217-6.5767i
59.8	-1.6870-1.1409i	1.6155+1.5559i	0.0399-2.5431i	3.4717+1.7754i	2.1000+1.8216i	3.0497+2.1893i	-1.2407-6.6768i
59.9	-1.7048-1.1125i	1.6086+1.5661i	0.0170-2.5435i	-4.6903-8.3234i	2.0938+1.8232i	3.0450+2.1281i	-1.3018-6.6220i
60.0	-1.7584-1.0571i	1.6209+1.5515i	-0.0543-2.5238i	-13.0076-22.8775i	2.1124+1.8054i	3.0829+2.0857i	-1.4478-6.4860i
60.1	-1.7951-1.0621i	1.6240+1.5529i	-0.1043-2.4762i	3.1714-3.0090i	2.1207+1.7812i	3.1251+2.0380i	-1.4298-6.9356i
60.2	-1.8250-1.0061i	1.6380+1.5228i	-0.1426-2.4283i	3.7110+1.9967i	2.1280+1.7382i	3.1558+1.9857i	-1.4776-7.0509i
60.3	-1.8430-0.9540i	1.6408+1.4895i	-0.1739-2.3593i	3.2819+1.4390i	2.1378+1.6933i	3.1633+1.8963i	-1.5896-7.0694i
60.4	-1.8662-0.9313i	1.6516+1.5038i	-0.1603-2.3476i	3.4011+1.4617i	2.1571+1.7064i	3.1980+1.8566i	-1.6465-7.1782i
60.5	-1.8781-0.9351i	1.6254+1.5944i	-0.1332-2.3274i	3.4312+1.4313i	2.1289+1.8037i	3.2020+1.8698i	-1.6892-7.3915i
60.6	-1.9012-0.9391i	1.6501+1.6414i	-0.1502-2.2576i	3.4151+1.3931i	2.1579+1.8564i	3.1931+1.8392i	-1.8085-7.4790i
60.7	-1.9188-0.9856i	1.7131+1.7144i	-0.1312-2.1989i	3.4367+1.3148i	2.2319+1.9354i	3.1928+1.7741i	-1.9790-7.6190i
60.8	-1.9587-1.0027i	1.7895+1.7508i	-0.1007-2.1775i	3.4578+1.2853i	2.3207+1.9779i	3.2006+1.7304i	-2.0434-7.7359i
60.9	-2.0622-0.9780i	1.9501+1.7175i	-0.1487-2.1384i	3.5374+1.2356i	2.5102+1.9271i	3.2884+1.7186i	-2.2545-7.8387i
61.0	-2.1300-0.9542i	2.0083+1.6857i	-0.1204-2.1562i	3.6051+1.2310i	2.5932+1.8845i	3.3356+1.7337i	-2.3441-7.9385i
61.1	-2.1945-0.8941i	2.0948+1.6462i	-0.1388-2.1631i	3.6623+1.1669i	2.6858+1.8264i	3.3708+1.7065i	-2.5614-7.9594i
61.2	-2.2953-0.8398i	2.1793+1.5664i	-0.2094-2.1433i	3.7823+1.0721i	2.7866+1.7309i	3.4103+1.6620i	-2.7425-8.0250i
61.3	-2.3709-0.8240i	2.1870+1.5334i	-0.1972-2.1235i	3.8334+1.0488i	2.8067+1.6950i	3.4160+1.6665i	-2.7894-8.0937i
61.4	-2.4065-0.7698i	2.2087+1.4864i	-0.1882-2.1210i	3.8875+0.9646i	2.8366+1.6292i	3.4705+1.5601i	-2.9426-8.1465i
61.5	-2.4393-0.6956i	2.2456+1.4031i	-0.1811-2.0516i	3.9164+0.8213i	2.8752+1.5294i	3.4763+1.5067i	-3.0949-8.1337i
61.6	-2.5026-0.6219i	2.2918+1.3504i	-0.1764-1.9982i	3.9620+0.7232i	2.9314+1.4554i	3.5059+1.5069i	-3.2476-8.2203i
61.7	-2.5699-0.5591i	2.3053+1.2971i	-0.1792-1.9631i	3.9968+0.6304i	2.9568+1.3840i	3.5396+1.4712i	-3.2982-8.2602i
61.8	-2.6205-0.4731i	2.3318+1.2544i	-0.1912-1.8950i	4.0916+0.4585i	2.9896+1.3260i	3.6134+1.3978i	-3.5219-8.3371i
61.9	-2.6719-0.4135i	2.3558+1.2347i	-0.2070-1.8844i	4.1541+0.3954i	3.0247+1.2955i	3.6907+1.3929i	-3.6559-8.4740i
62.0	-2.7343-0.3474i	2.3451+1.2126i	-0.2378-1.8795i	4.2026+0.3348i	3.0228+1.2502i	3.7099+1.4016i	-3.7494-8.6467i
62.1	-2.7884-0.2802i	2.3934+1.1654i	-0.1562-1.8489i	4.2337+0.2129i	3.0786+1.1989i	3.7683+1.3515i	-3.9885-8.7936i
62.2	-2.7567-0.1948i	2.3828+1.1458i	-0.1004-1.8105i	4.1779+0.0825i	3.0643+1.1692i	3.8240+1.2920i	-4.1678-8.7811i
62.3	-2.7963-0.0907i	2.3669+1.0721i	-0.0755-1.7699i	4.1796-0.0569i	3.0652+1.0731i	3.8420+1.2368i	-4.4191-8.8415i

62.4	-2.8110-0.0165i	2.3826+1.0177i	-0.0124-1.7314i	4.1562-0.1775i	3.0783+1.0021i	3.8089+1.1720i	-4.6340-8.8314i
62.5	-2.8344+0.0713i	2.3988+0.9787i	-0.0029-1.7251i	4.1514-0.2865i	3.0985+0.9404i	3.8632+1.1420i	-4.8259-8.8724i
62.6	-2.8768+0.1542i	2.4094+0.9484i	0.0137-1.7035i	4.1540-0.3728i	3.1065+0.8972i	3.9610+1.1543i	-4.9890-8.9623i
62.7	-2.8682+0.2242i	2.4390+0.9178i	0.0836-1.6682i	4.1034-0.5249i	3.1350+0.8615i	3.9683+1.0689i	-5.3465-8.8806i
62.8	-2.8726+0.2847i	2.4499+0.9440i	0.1596-1.6829i	4.0877-0.5889i	3.1536+0.8765i	4.0248+1.0735i	-5.5469-8.9366i
62.9	-2.8796+0.3380i	2.4178+0.9289i	0.1806-1.6786i	4.0284-0.6491i	3.1216+0.8375i	4.0319+1.0829i	-5.5990-8.8785i
63.0	-2.9160+0.4390i	2.5054+0.8371i	0.2614-1.6856i	3.9888-0.8549i	3.2209+0.7191i	4.0235+0.9595i	-5.9665-8.8489i
63.1	-2.9888+0.5510i	2.5606+0.8037i	0.2672-1.7061i	4.0107-0.9661i	3.2936+0.6650i	4.1131+0.9655i	-6.3144-8.9174i
63.2	-2.9747+0.6362i	2.5373+0.7739i	0.3066-1.7143i	3.9835-1.0384i	3.2774+0.6257i	4.2708+0.9027i	-6.5460-8.8195i
63.3	-2.9371+0.7647i	2.5567+0.7583i	0.3434-1.7570i	3.9257-1.1850i	3.2962+0.5761i	4.3632+0.8213i	-6.9292-8.7939i
63.4	-2.9580+0.8471i	2.6056+0.7558i	0.3699-1.7792i	3.8993-1.2564i	3.3441+0.5622i	4.4486+0.8068i	-7.2481-8.8496i
63.5	-2.9734+0.9003i	2.6122+0.7104i	0.4101-1.8073i	3.8705-1.3009i	3.3485+0.5099i	4.5057+0.7562i	-7.4325-8.8336i
63.6	-2.9327+0.9823i	2.5584+0.6771i	0.3825-1.8217i	3.7955-1.3918i	3.2938+0.4534i	4.5603+0.6437i	-7.7160-8.7284i
63.7	-2.8515+1.1177i	2.4739+0.7101i	0.4018-1.8107i	3.6552-1.4556i	3.1939+0.4615i	4.6397+0.6450i	-7.9410-8.4721i
63.8	-2.7945+1.2119i	2.4214+0.7306i	0.4416-1.8102i	3.5355-1.4876i	3.1202+0.4651i	4.7038+0.6009i	-8.1294-8.3991i
63.9	-2.8235+1.3069i	2.4796+0.6746i	0.4490-1.8547i	3.4947-1.5829i	3.1830+0.3808i	4.7681+0.4379i	-8.5070-8.2681i
64.0	-2.8306+1.3198i	2.5066+0.7062i	0.4691-1.9024i	3.5106-1.5697i	3.2192+0.4121i	4.8537+0.3476i	-8.7034-8.2155i
64.1	-2.7813+1.4307i	2.5687+0.6721i	0.4807-1.9247i	3.4940-1.6225i	3.2861+0.3620i	5.0031+0.1668i	-9.0955-8.0512i
64.2	-2.8050+1.5298i	2.7062+0.6592i	0.5734-1.9414i	3.4980-1.6856i	3.4419+0.3350i	5.1059+0.0116i	-9.5201-7.7490i
64.3	-2.8080+1.5939i	2.7151+0.6148i	0.6261-1.9894i	3.4596-1.7029i	3.4544+0.2732i	5.1120-0.1142i	-9.6422-7.3808i
64.4	-2.8232+1.6648i	2.6718+0.5884i	0.6546-2.0740i	3.4443-1.6894i	3.4146+0.2286i	5.0952-0.1609i	-9.6768-7.2000i
64.5	-2.8287+1.8072i	2.6995+0.5997i	0.6516-2.1459i	3.4878-1.6899i	3.4489+0.2214i	5.2105-0.1757i	-9.9204-7.0857i
64.6	-2.7781+1.8756i	2.6900+0.5973i	0.7583-2.1102i	3.4805-1.7753i	3.4431+0.2025i	5.2283-0.3369i	-9.9068-6.6652i
64.7	-2.7634+2.0265i	2.5621+0.5071i	0.6926-2.1158i	3.4413-1.8770i	3.3111+0.0832i	5.1323-0.4889i	-9.8939-6.3033i
64.8	-2.8264+2.2652i	2.6808+0.4792i	0.6773-2.1640i	3.5741-2.0217i	3.4496+0.0170i	5.2532-0.6121i	-10.3336-6.2046i
64.9	-2.7386+2.4146i	2.6650+0.4793i	0.7048-2.2372i	3.5286-2.1390i	3.4320-0.0249i	5.2363-0.7845i	-10.3006-5.9044i
65.0	-2.5456+2.6037i	2.6038+0.4525i	0.7086-2.2627i	3.4378-2.3177i	3.3563-0.0988i	5.2401-0.9734i	-10.3343-5.5132i
65.1	-2.4601+2.7945i	2.6146+0.4750i	0.7926-2.2994i	3.4451-2.4547i	3.3593-0.1140i	5.2947-1.0552i	-10.3969-5.3013i
65.2	-2.4074+2.9519i	2.6349+0.5268i	0.8380-2.3076i	3.4181-2.5698i	3.3721-0.0904i	5.3200-1.1231i	-10.5001-5.1677i
65.3	-2.1382+3.1398i	2.5487+0.5246i	0.8573-2.3820i	3.2796-2.7229i	3.2625-0.1418i	5.2559-1.3262i	-10.4439-4.7154i
65.4	-1.9060+3.2100i	2.6635+0.5169i	0.8882-2.4287i	3.2283-2.8745i	3.3598-0.1856i	5.3301-1.5386i	-10.5568-4.3358i
65.5	-1.6955+3.3205i	2.7044+0.7527i	0.8602-2.6121i	3.1393-2.9925i	3.3832+0.0003i	5.3669-1.6155i	-10.6296-4.3299i
65.6	-1.5559+3.3826i	2.7671+0.7940i	0.8707-2.7320i	3.0955-3.1198i	3.4240+0.0049i	5.3775-1.7527i	-10.5868-4.2361i
65.7	-1.3724+3.4322i	2.9237+0.8995i	0.8854-2.7878i	3.0056-3.2268i	3.5575+0.0861i	5.4212-1.8331i	-10.6754-4.1165i
65.8	-1.1763+3.4880i	3.0946+0.9443i	0.9247-2.9157i	2.8496-3.3724i	3.6789+0.0937i	5.4162-2.0075i	-10.7268-3.9604i
65.9	-0.9122+3.5045i	3.3283+0.9999i	0.8412-3.0642i	2.6797-3.4430i	3.8593+0.1056i	5.4525-2.1374i	-10.7568-3.8328i
66.0	-0.5893+3.4143i	3.5005+1.0170i	0.7467-3.1441i	2.4413-3.4581i	3.9762+0.0968i	5.4235-2.3052i	-10.5609-3.6111i
66.1	-0.3664+3.4021i	3.6019+1.0093i	0.7715-3.1639i	2.2717-3.5245i	4.0263+0.0634i	5.4219-2.4087i	-10.4757-3.4119i
66.2	-0.0655+3.2984i	3.8098+0.8643i	0.7376-3.3400i	1.9788-3.5808i	4.1618-0.0893i	5.3065-2.7256i	-10.3518-3.0710i
66.3	0.1907+3.1211i	4.0596+0.6706i	0.5832-3.4111i	1.7365-3.5778i	4.3459-0.2828i	5.2134-3.0133i	-10.4926-2.8716i
66.4	0.3121+2.9432i	4.2270+0.5746i	0.5149-3.4558i	1.5998-3.5257i	4.4520-0.3694i	5.1308-3.1755i	-10.4915-2.7111i
66.5	0.3639+2.7034i	4.4466+0.4234i	0.4633-3.5532i	1.5527-3.4188i	4.6267-0.5099i	5.0808-3.3442i	-10.5100-2.6084i
66.6	0.5584+2.5080i	4.6622+0.1074i	0.3623-3.6660i	1.3966-3.3832i	4.7895-0.8065i	5.0735-3.5400i	-10.6713-2.3203i
66.7	0.6888+2.4061i	4.7657-0.0683i	0.2994-3.7516i	1.2721-3.3939i	4.8468-0.9812i	5.0092-3.6655i	-10.7075-2.1367i
66.8	0.7398+2.2265i	4.8374-0.2770i	0.1936-3.8277i	1.1762-3.3478i	4.8777-1.1648i	4.8786-3.8419i	-10.6699-2.0023i
66.9	0.7848+2.0233i	4.8249-0.5226i	0.1350-3.8336i	1.0710-3.2881i	4.8362-1.3579i	4.7369-4.0035i	-10.6216-1.7214i
67.0	0.8209+1.8514i	4.8782-0.7642i	-0.0300-3.8446i	1.0080-3.2532i	4.8489-1.5751i	4.6782-4.1351i	-10.7498-1.4873i
67.1	0.8550+1.6393i	4.8760-1.0206i	-0.1875-4.0531i	0.8438-3.2327i	4.8110-1.8300i	4.5087-4.4666i	-10.6537-1.2337i
67.2	0.7999+1.4113i	4.9073-1.2315i	-0.3878-4.0639i	0.7601-3.1492i	4.8051-2.0032i	4.3010-4.6185i	-10.6219-1.0379i
67.3	0.7034+1.2949i	4.9079-1.3076i	-0.5410-4.0647i	0.7678-3.0499i	4.7900-2.0560i	4.1782-4.6355i	-10.6360-1.0295i
67.4	0.6484+1.1766i	4.8953-1.4802i	-0.6470-4.0773i	0.6831-2.9885i	4.7537-2.2090i	4.0343-4.7857i	-10.6139-0.7685i
67.5	0.5617+1.0305i	4.8662-1.6494i	-0.8086-4.1291i	0.6038-2.9022i	4.7032-2.3523i	3.7668-4.9363i	-10.4676-0.5485i
67.6	0.5006+0.9447i	4.8099-1.8388i	-0.8926-4.1411i	0.5712-2.8418i	4.6482-2.5237i	3.6099-5.0916i	-10.3029-0.2965i
67.7	0.4016+0.8565i	4.7293-2.1208i	-1.1277-3.9899i	0.5314-2.7657i	4.5449-2.7519i	3.3838-5.1151i	-10.2172+0.0352i
67.8	0.2472+0.8174i	4.7160-2.3105i	-1.2652-3.9551i	0.5541-2.7162i	4.5421-2.9030i	3.2341-5.0652i	-10.1180+0.1559i
67.9	0.1850+0.7686i	4.6476-2.4160i	-1.3757-3.8713i	0.5143-2.6889i	4.4690-2.9859i	3.1002-5.1024i	-10.0231+0.3132i
68.0	0.0499+0.7461i	4.5268-2.6195i	-1.5340-3.7698i	0.5203-2.6329i	4.3474-3.1476i	2.8992-5.1297i	-9.8527+0.5235i
68.1	-0.0521+0.7702i	4.4050-2.8988i	-1.6685-3.7164i	0.5010-2.6535i	4.2307-3.4034i	2.7438-5.2602i	-9.7660+0.7963i
68.2	-0.1003+0.8040i	4.3334-3.0527i	-1.7483-3.6524i	0.4680-2.6705i	4.1558-3.5557i	2.6696-5.3563i	-9.6728+0.9493i
68.3	-0.1555+0.7845i	4.2595-3.0481i	-1.8317-3.5430i	0.4543-2.5924i	4.1015-3.5496i	2.5794-5.3296i	-9.4403+0.9528i
68.4	-0.2389+0.7741i	4.0986-3.3835i	-2.0245-3.3616i	0.3958-2.5840i	3.9229-3.8522i	2.3157-5.4503i	-9.2060+1.3346i
68.5	-0.2672+0.7972i	3.9683-3.4697i	-2.0818-3.2454i	0.3526-2.5705i	3.7853-3.9232i	2.1610-5.4645i	-9.0564+1.3750i
68.6	-0.3058+0.8888i	3.7576-3.6326i	-2.0958-3.0648i	0.3131-2.5813i	3.5907-4.0746i	1.9940-5.4838i	-8.8398+1.5133i

68.7	-0.3459+0.8952i	3.5521-3.7511i	-2.1646-2.8991i	0.2631-2.5288i	3.3763-4.1760i	1.7865-5.5672i	-8.6562+1.6461i
68.8	-0.3569+0.9084i	3.3482-3.8394i	-2.1899-2.7163i	0.2271-2.4794i	3.1804-4.2415i	1.5943-5.5606i	-8.4353+1.8092i
68.9	-0.3932+0.9511i	3.2368-3.9730i	-2.1517-2.6358i	0.2403-2.4803i	3.0867-4.3706i	1.4509-5.6315i	-8.2339+1.8696i
69.0	-0.4156+0.9844i	3.1070-4.0432i	-2.1661-2.5328i	0.2245-2.4486i	2.9550-4.4314i	1.3012-5.6061i	-8.0982+1.8710i
69.1	-0.4343+1.0626i	2.8929-4.2150i	-2.1613-2.3969i	0.1792-2.4725i	2.7452-4.5874i	1.0482-5.6071i	-7.9449+2.0060i
69.2	-0.4420+1.1112i	2.8011-4.2746i	-2.0858-2.2787i	0.2064-2.4622i	2.6421-4.6362i	0.9589-5.6078i	-7.7636+2.0004i
69.3	-0.4424+1.1277i	2.6894-4.3120i	-2.0796-2.1860i	0.1967-2.4228i	2.5252-4.6541i	0.7612-5.5726i	-7.5729+1.9467i
69.4	-0.4327+1.1691i	2.4840-4.3304i	-1.9537-2.1308i	0.1777-2.4325i	2.3424-4.6627i	0.6162-5.5400i	-7.3406+1.8951i
69.5	-0.4097+1.1557i	2.2201-4.2711i	-1.8542-2.0059i	0.1372-2.4006i	2.0847-4.5973i	0.4102-5.4167i	-7.1151+1.8840i
69.6	-0.3854+1.1789i	1.9162-4.3769i	-1.8931-1.9259i	0.0711-2.3577i	1.7841-4.6881i	0.1124-5.3720i	-6.8966+2.0041i
69.7	-0.3776+1.2036i	1.8072-4.3852i	-1.8583-1.9506i	0.0518-2.3634i	1.6702-4.6952i	-0.0036-5.3513i	-6.8555+1.9034i
69.8	-0.3525+1.1728i	1.6497-4.2203i	-1.7755-1.9632i	0.0360-2.3201i	1.5221-4.5191i	-0.1398-5.2465i	-6.6106+1.7694i
69.9	-0.3715+1.2042i	1.5223-4.1840i	-1.6782-1.8870i	-0.0134-2.3056i	1.4152-4.4737i	-0.2676-5.1166i	-6.4645+1.7838i
70.0	-0.3638+1.2094i	1.4269-4.1994i	-1.6810-1.8702i	-0.0412-2.3300i	1.3125-4.4812i	-0.4236-5.0991i	-6.4172+1.7552i
70.1	-0.3674+1.2380i	1.3285-4.2073i	-1.6323-1.8688i	-0.0379-2.3402i	1.2314-4.4871i	-0.5231-5.0236i	-6.2870+1.6669i
70.2	-0.3717+1.2436i	1.2083-4.2026i	-1.5687-1.8159i	-0.0936-2.3416i	1.1276-4.4835i	-0.6867-4.9638i	-6.1079+1.6919i
70.3	-0.3902+1.2309i	1.0838-4.0850i	-1.5077-1.8095i	-0.1039-2.2947i	1.0041-4.3575i	-0.8007-4.8480i	-6.0073+1.5780i
70.4	-0.3855+1.2391i	0.9734-3.9999i	-1.4150-1.7839i	-0.1195-2.2679i	0.9069-4.2646i	-0.8822-4.7238i	-5.8783+1.5104i
70.5	-0.3997+1.2377i	0.8825-3.9889i	-1.3700-1.7266i	-0.1455-2.2764i	0.8424-4.2448i	-0.9858-4.5862i	-5.7950+1.5036i
70.6	-0.4020+1.2567i	0.7805-3.9477i	-1.3207-1.7372i	-0.1764-2.2631i	0.7465-4.2049i	-1.0417-4.4563i	-5.7356+1.4177i
70.7	-0.3863+1.2676i	0.7069-3.8507i	-1.3467-1.7415i	-0.2156-2.2090i	0.6637-4.1068i	-1.1585-4.3431i	-5.6323+1.2664i
70.8	-0.3757+1.2863i	0.6640-3.8174i	-1.3870-1.7612i	-0.2448-2.1308i	0.6086-4.0675i	-1.3063-4.2191i	-5.5226+1.1560i
70.9	-0.3716+1.3278i	0.5744-3.8591i	-1.3792-1.7371i	-0.2640-2.1399i	0.5413-4.1109i	-1.3723-4.1381i	-5.5001+1.1777i
71.0	-0.3856+1.3140i	0.5433-3.8244i	-1.3255-1.7088i	-0.2772-2.1335i	0.5355-4.0659i	-1.4944-4.0938i	-5.4950+1.1654i
71.1	-0.4241+1.3537i	0.5735-3.7961i	-1.2539-1.7535i	-0.2448-2.1282i	0.5753-4.0383i	-1.5302-3.9687i	-5.4987+1.0603i
71.2	-0.4876+1.3955i	0.6344-3.8132i	-1.2082-1.7776i	-0.1923-2.1154i	0.6444-4.0649i	-1.5230-3.8349i	-5.5458+0.9071i
71.3	-0.4666+1.4460i	0.5506-3.8344i	-1.1987-1.7861i	-0.2303-2.1314i	0.5773-4.0936i	-1.5667-3.7625i	-5.5736+0.9215i
71.4	-0.4333+1.4672i	0.4853-3.7445i	-1.2312-1.8486i	-0.2284-2.0939i	0.5093-4.0269i	-1.6213-3.6346i	-5.4929+0.7300i
71.5	-0.4252+1.5213i	0.3912-3.7718i	-1.1745-1.8324i	-0.2645-2.0992i	0.4296-4.0612i	-1.6926-3.5341i	-5.3503+0.7731i
71.6	-0.3880+1.5442i	0.2652-3.7416i	-1.0939-1.8693i	-0.3332-2.0895i	0.3134-4.0450i	-1.7037-3.4374i	-5.2832+0.7585i
71.7	-0.4144+1.6464i	0.2622-3.8907i	-1.1124-1.8896i	-0.3223-2.1497i	0.3248-4.2023i	-1.7558-3.3730i	-5.3817+0.6823i
71.8	-0.3416+1.7111i	0.0615-3.9253i	-1.1244-1.8737i	-0.3751-2.1204i	0.1177-4.2448i	-1.7980-3.1953i	-5.3296+0.6895i
71.9	-0.3528+1.7034i	0.0488-3.8119i	-1.1152-1.9510i	-0.3767-2.0855i	0.1205-4.1430i	-1.8258-3.1032i	-5.2869+0.6633i
72.0	-0.2877+1.8524i	-0.0428-3.9169i	-1.1522-2.0345i	-0.4191-2.1532i	0.0219-4.2929i	-1.7969-3.0593i	-5.3884+0.5884i
72.1	-0.2146+1.9237i	-0.1811-3.9666i	-1.1285-2.0545i	-0.4455-2.1787i	-0.1248-4.3605i	-1.7594-2.9320i	-5.4345+0.5590i
72.2	-0.1641+1.9093i	-0.3090-3.9045i	-1.1424-2.0712i	-0.5059-2.1455i	-0.2520-4.3006i	-1.7575-2.8227i	-5.2784+0.5886i
72.3	-0.0460+1.9027i	-0.5049-3.8194i	-1.1555-2.0812i	-0.5815-2.1088i	-0.4550-4.2249i	-1.7421-2.7436i	-5.2016+0.6810i
72.4	0.0350+1.9098i	-0.5879-3.7357i	-1.2443-2.1404i	-0.5841-2.0622i	-0.5617-4.1575i	-1.7775-2.6776i	-5.1652+0.5471i
72.5	0.0836+1.9125i	-0.6592-3.7106i	-1.2372-2.0974i	-0.6077-2.0618i	-0.6445-4.1338i	-1.7616-2.5566i	-5.2134+0.5454i
72.6	0.1229+1.9573i	-0.7346-3.7264i	-1.2396-2.0771i	-0.6351-2.0794i	-0.7219-4.1507i	-1.7367-2.4741i	-5.2540+0.5769i
72.7	0.1970+1.9457i	-0.8458-3.6659i	-1.2536-2.0976i	-0.6933-2.0515i	-0.8461-4.1014i	-1.7694-2.4047i	-5.1505+0.5995i
72.8	0.2967+1.9590i	-1.0252-3.6315i	-1.3024-2.1443i	-0.7771-2.0390i	-1.0360-4.0834i	-1.7435-2.3198i	-5.1267+0.5379i
72.9	0.3890+1.9835i	-1.1661-3.5930i	-1.3562-2.1416i	-0.8179-2.0416i	-1.1900-4.0570i	-1.7470-2.2540i	-5.1614+0.5978i
73.0	0.4174+1.9596i	-1.1867-3.4611i	-1.4039-2.1668i	-0.8213-1.9994i	-1.2293-3.9472i	-1.6716-2.1693i	-5.0587+0.4882i
73.1	0.4671+1.8936i	-1.2226-3.2991i	-1.4811-2.1581i	-0.8108-1.9005i	-1.2728-3.7777i	-1.6655-2.1151i	-5.0021+0.4142i
73.2	0.5078+1.8132i	-1.2280-3.1260i	-1.4966-2.1164i	-0.8135-1.8316i	-1.2826-3.5924i	-1.6300-2.0598i	-4.9169+0.3895i
73.3	0.5674+1.8629i	-1.3360-3.1688i	-1.5147-2.0652i	-0.8616-1.8747i	-1.4123-3.6232i	-1.5492-2.0154i	-5.0491+0.2826i
73.4	0.5994+1.8297i	-1.3941-3.1126i	-1.5048-2.0314i	-0.8927-1.8408i	-1.4806-3.5596i	-1.4956-1.9652i	-4.9899+0.2465i
73.5	0.6759+1.7380i	-1.4722-2.9310i	-1.5609-2.0068i	-0.9127-1.7722i	-1.5703-3.3814i	-1.5336-1.9402i	-4.9628+0.2631i
73.6	0.7173+1.7075i	-1.5232-2.8573i	-1.6057-1.9866i	-0.9519-1.7391i	-1.6374-3.3048i	-1.5557-1.8940i	-4.9826+0.2529i
73.7	0.7608+1.6603i	-1.5836-2.7586i	-1.6090-1.9571i	-0.9922-1.7035i	-1.7068-3.1999i	-1.5031-1.8140i	-5.0162+0.2089i
73.8	0.7695+1.6208i	-1.5984-2.6889i	-1.5900-1.9282i	-1.0039-1.6792i	-1.7266-3.1227i	-1.4851-1.7604i	-4.9822+0.2254i
73.9	0.7694+1.6184i	-1.5819-2.6587i	-1.5957-1.9339i	-1.0027-1.6733i	-1.7035-3.1003i	-1.4411-1.7369i	-4.9484+0.1902i
74.0	0.7866+1.6194i	-1.5838-2.5694i	-1.6293-1.9496i	-0.9825-1.6409i	-1.7204-3.0125i	-1.4114-1.7122i	-4.9209+0.0633i
74.1	0.7754+1.5038i	-1.5572-2.3556i	-1.6321-1.8893i	-0.9873-1.5422i	-1.7221-2.7828i	-1.4120-1.6682i	-4.7277+0.1102i
74.2	0.8462+1.4323i	-1.6293-2.2483i	-1.6953-1.7947i	-1.0245-1.4910i	-1.7933-2.6713i	-1.3452-1.6296i	-4.7277+0.0043i
74.3	0.8295+1.4470i	-1.5574-2.2527i	-1.6974-1.7684i	-0.9740-1.4751i	-1.7228-2.6609i	-1.3183-1.6115i	-4.7615-0.0895i
74.4	0.8319+1.4157i	-1.5329-2.1589i	-1.6973-1.6677i	-0.9544-1.4322i	-1.7053-2.5529i	-1.3016-1.5531i	-4.8391-0.1578i
74.5	0.8951+1.4140i	-1.6052-2.1028i	-1.6748-1.6365i	-1.0222-1.4271i	-1.7987-2.4941i	-1.2472-1.5114i	-4.8907-0.1838i
74.6	0.8712+1.4083i	-1.5930-2.0746i	-1.6372-1.6583i	-1.0434-1.4173i	-1.7817-2.4593i	-1.2596-1.4993i	-4.7909-0.2018i
74.7	0.8759+1.3436i	-1.5714-1.9963i	-1.5960-1.6246i	-1.0177-1.3620i	-1.7519-2.3667i	-1.2315-1.4998i	-4.8024-0.2172i
74.8	0.8925+1.3710i	-1.5634-2.0714i	-1.5546-1.5941i	-1.0079-1.3992i	-1.7305-2.4309i	-1.1469-1.4648i	-4.9137-0.3027i
74.9	0.8860+1.3003i	-1.4998-1.9282i	-1.5488-1.5256i	-0.9830-1.3408i	-1.6895-2.2975i	-1.1609-1.4409i	-4.9184-0.4387i

75.0	0.8466+1.2257i	-1.4278-1.8089i	-1.5421-1.4455i	-0.9486-1.2669i	-1.6180-2.1676i	-1.2086-1.4083i	-4.8775-0.4625i
75.1	0.8281+1.2345i	-1.3608-1.7937i	-1.5069-1.4833i	-0.9188-1.2544i	-1.5441-2.1536i	-1.1826-1.4319i	-4.8614-0.6190i
75.2	0.8732+1.2101i	-1.3992-1.7525i	-1.5347-1.4562i	-0.9333-1.2285i	-1.5960-2.0990i	-1.1940-1.3828i	-4.9727-0.6286i
75.3	0.8700+1.2215i	-1.3683-1.7723i	-1.4720-1.4163i	-0.9245-1.2393i	-1.5569-2.1005i	-1.1903-1.3078i	-5.1051-0.6111i
75.4	0.9374+1.2255i	-1.4365-1.7238i	-1.3779-1.4297i	-0.9638-1.2153i	-1.6256-2.0684i	-1.0893-1.3245i	-5.2608-0.6458i
75.5	0.9721+1.2262i	-1.4939-1.7184i	-1.3400-1.4351i	-0.9619-1.2346i	-1.6655-2.0808i	-1.0503-1.3209i	-5.3107-0.7398i
75.6	0.9593+1.1809i	-1.4690-1.6515i	-1.2928-1.4712i	-0.9531-1.1943i	-1.6431-2.0107i	-1.0562-1.3088i	-5.2180-0.7949i
75.7	0.9314+1.2224i	-1.3610-1.7029i	-1.2136-1.5233i	-0.8997-1.1962i	-1.5262-2.0573i	-1.0233-1.2894i	-5.3588-0.8002i
75.8	0.9155+1.1770i	-1.3145-1.6670i	-1.2316-1.5206i	-0.8757-1.1496i	-1.4980-2.0064i	-1.0218-1.2802i	-5.3940-0.7498i
75.9	1.0088+1.1903i	-1.4445-1.6504i	-1.2486-1.6000i	-0.9338-1.1496i	-1.6258-2.0100i	-0.9749-1.2868i	-5.4414-0.8288i
76.0	1.0235+1.1709i	-1.4211-1.5794i	-1.1753-1.5883i	-0.9057-1.1255i	-1.5903-1.9576i	-0.9001-1.2361i	-5.5388-0.8863i
76.1	1.0322+1.1814i	-1.4447-1.5866i	-1.1995-1.5779i	-0.9173-1.1313i	-1.6132-1.9518i	-0.8850-1.2054i	-5.5601-0.9303i
76.2	0.9985+1.2022i	-1.3747-1.6537i	-1.1118-1.6339i	-0.8628-1.1753i	-1.5406-2.0094i	-0.8162-1.2207i	-5.6093-0.9636i
76.3	1.1024+1.1605i	-1.4660-1.5735i	-1.0866-1.6329i	-0.9033-1.1386i	-1.6267-1.9438i	-0.7345-1.1946i	-5.7596-0.9238i
76.4	1.1545+1.1217i	-1.5168-1.5249i	-1.1638-1.7129i	-0.9291-1.1055i	-1.6898-1.9063i	-0.7511-1.2347i	-5.8010-0.9247i
76.5	1.1251+1.0306i	-1.4409-1.3882i	-1.0577-1.7160i	-0.8807-1.0208i	-1.6120-1.7704i	-0.6497-1.2302i	-5.8612-0.8579i
76.6	1.1350+0.9843i	-1.4027-1.3863i	-0.8908-1.6515i	-0.8323-1.0556i	-1.5675-1.7430i	-0.4655-1.1409i	-5.9616-0.6914i
76.7	1.1728+1.0274i	-1.4504-1.4320i	-0.9398-1.6913i	-0.8458-1.0731i	-1.6285-1.7939i	-0.4884-1.1280i	-6.1427-0.8577i
76.8	1.1491+0.9758i	-1.3793-1.3778i	-0.9375-1.7275i	-0.7923-1.0545i	-1.5513-1.7402i	-0.4285-1.1147i	-6.2307-0.8083i
76.9	1.1645+0.9731i	-1.3935-1.3585i	-0.8939-1.6592i	-0.8055-1.0608i	-1.5491-1.7219i	-0.3389-1.0441i	-6.4303-0.8453i
77.0	1.1531+0.9362i	-1.3508-1.3435i	-0.9127-1.6699i	-0.7589-1.0424i	-1.5242-1.6945i	-0.2994-1.0636i	-6.5749-0.8633i
77.1	1.1144+0.9158i	-1.2880-1.2929i	-0.8986-1.7457i	-0.6931-1.0293i	-1.4638-1.6722i	-0.3035-1.1399i	-6.6065-0.9475i
77.2	1.0715+0.9610i	-1.2598-1.3878i	-0.7704-1.7626i	-0.6539-1.1175i	-1.4082-1.7617i	-0.1217-1.0587i	-6.6501-0.9143i
77.3	1.0830+0.9577i	-1.2757-1.4052i	-0.7755-1.8111i	-0.6799-1.1447i	-1.4290-1.7814i	-0.0296-1.1096i	-6.7951-0.6834i
77.4	1.0525+0.9704i	-1.1620-1.4261i	-0.7500-1.8104i	-0.5976-1.1746i	-1.3221-1.7926i	0.0191-1.1302i	-6.8844-0.6236i
77.5	1.0413+1.0090i	-1.1458-1.5088i	-0.7520-1.8750i	-0.5933-1.2511i	-1.3103-1.8725i	0.0591-1.2400i	-6.9637-0.5533i
77.6	1.1095+1.0690i	-1.2379-1.5853i	-0.6429-2.0744i	-0.6536-1.3358i	-1.3820-1.9857i	0.2293-1.4559i	-6.9822-0.5044i
77.7	1.1094+1.0591i	-1.2416-1.5782i	-0.4978-2.0668i	-0.6581-1.3583i	-1.3615-1.9974i	0.4560-1.4224i	-7.1377-0.5267i
77.8	1.1918+1.0939i	-1.3279-1.6069i	-0.5557-2.2953i	-0.7360-1.4324i	-1.4792-2.0834i	0.4337-1.6266i	-7.3050-0.4580i
77.9	1.2718+1.0780i	-1.4159-1.5650i	-0.5623-2.4798i	-0.8193-1.4385i	-1.5792-2.0753i	0.4600-1.8390i	-7.2927-0.2322i
78.0	1.3745+1.0856i	-1.5565-1.5693i	-0.5760-2.5990i	-0.9126-1.4587i	-1.7144-2.1011i	0.4822-2.0176i	-7.2647-0.0433i
78.1	1.4591+1.0841i	-1.6119-1.5672i	-0.7144-2.6561i	-0.9618-1.4781i	-1.8216-2.1201i	0.4333-2.1388i	-7.5287+0.0526i
78.2	1.5424+1.0753i	-1.7356-1.5736i	-0.9067-2.7477i	-1.0484-1.4876i	-1.9892-2.1360i	0.3000-2.3030i	-7.6815+0.1406i
78.3	1.6214+0.9556i	-1.8186-1.4456i	-0.9600-2.8123i	-1.1433-1.3973i	-2.1065-2.0283i	0.2804-2.5076i	-7.5589+0.4595i
78.4	1.6593+0.9043i	-1.8032-1.4254i	-0.9723-2.8646i	-1.1485-1.3904i	-2.1249-1.9981i	0.2332-2.5735i	-7.5653+0.5390i
78.5	1.7210+0.9104i	-1.8498-1.4623i	-0.9777-2.9201i	-1.1739-1.4111i	-2.1954-2.0326i	0.2173-2.6431i	-7.6327+0.6552i
78.6	1.7508+0.7600i	-1.8674-1.3458i	-0.9735-2.7961i	-1.1800-1.3412i	-2.2330-1.8545i	0.1573-2.6349i	-7.5129+0.9723i
78.7	1.7612+0.6302i	-1.8877-1.1997i	-0.9727-2.7139i	-1.1981-1.2271i	-2.2629-1.6613i	0.1137-2.5981i	-7.3577+1.3119i
78.8	1.7461+0.4639i	-1.8477-1.0558i	-1.0088-2.7620i	-1.1811-1.1330i	-2.2677-1.4787i	-0.0350-2.7206i	-7.1785+1.6156i
78.9	1.5467+0.2889i	-1.5806-0.8922i	-0.7541-2.6761i	-0.9560-1.0624i	-1.9373-1.2696i	0.0192-2.5833i	-6.1693+1.4553i
79.0	1.2433+0.4230i	-1.3067-1.1391i	-0.6389-3.0110i	-0.8073-1.3028i	-1.6225-1.5858i	0.0411-2.6177i	-5.9530-0.0696i
79.1	1.3931+0.6982i	-1.5682-1.4729i	-0.7519-3.4325i	-1.0499-1.5250i	-1.9654-1.9669i	0.1845-2.9107i	-7.5015-0.3068i
79.2	1.5945+0.7447i	-1.8330-1.4882i	-0.8595-3.5896i	-1.2212-1.5212i	-2.2580-1.9617i	0.2013-3.1050i	-8.0459+0.3696i
79.3	1.6827+0.6900i	-1.9619-1.4191i	-1.0162-3.7199i	-1.3216-1.4730i	-2.3945-1.8818i	0.1057-3.2723i	-8.1655+0.7413i
79.4	1.7110+0.5965i	-2.0038-1.3081i	-1.1122-4.0427i	-1.3176-1.4344i	-2.4548-1.7759i	0.0199-3.6643i	-7.9787+1.1465i
79.5	1.8077+0.5449i	-2.0736-1.2037i	-1.0602-4.2911i	-1.3394-1.3980i	-2.5026-1.6780i	0.0829-3.9995i	-7.9319+1.5920i
79.6	1.7721+0.5282i	-2.0264-1.1892i	-1.2967-4.3055i	-1.3358-1.3802i	-2.4613-1.6184i	-0.1673-4.0009i	-7.8203+1.7623i
79.7	1.8131+0.5291i	-2.0805-1.1916i	-1.6014-4.3737i	-1.4042-1.4091i	-2.5369-1.6072i	-0.4481-4.0135i	-7.8222+1.8389i
79.8	1.8908+0.5135i	-2.1585-1.1684i	-1.7939-4.5567i	-1.4549-1.4404i	-2.6244-1.6101i	-0.6333-4.2187i	-7.7477+1.9599i
79.9	1.9646+0.4545i	-2.2705-1.1029i	-2.0133-4.7837i	-1.5460-1.4543i	-2.7456-1.5587i	-0.8260-4.4548i	-7.7432+2.1895i
80.0	2.0196+0.3659i	-2.3260-1.0314i	-2.2785-4.8324i	-1.5875-1.4444i	-2.8212-1.4756i	-1.0735-4.5029i	-7.7578+2.4210i

2.1.31 Run 3 – IP315-200 – Accels 1–8

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	-16.1490+0.0000i	-6.1812+0.0000i	46.2301+0.0000i	79.1042+0.0000i	-2.3745+0.0000i	17.1734+0.0000i	10.5746+0.0000i	17.2914+0.0000i
0.1	-16.2620-0.7616i	-6.2743+0.0364i	44.6773+0.3609i	77.8674-0.2131i	-2.4246+0.1471i	17.0882+0.3040i	10.3323-0.1401i	17.2309+0.1268i
0.2	1.7773+0.5964i	-1.8307+0.7999i	-1.3881-3.1527i	-3.6916+0.4527i	0.7863+0.4100i	-0.6304+1.8699i	-0.0639+1.4172i	-2.7895+3.0492i
0.3	0.0087+0.1432i	-0.3947+0.0628i	-4.9747+0.1476i	-0.4186-0.2056i	-0.0017+0.0828i	-0.1746+0.2243i	0.0603+0.2341i	-0.1774+0.1552i
0.4	-0.1407-0.0222i	0.0165+0.0006i	-2.1309-0.7465i	-0.2731-0.0659i	-0.0305+0.0050i	-0.0373-0.0013i	0.0220+0.0465i	-0.0163+0.0914i
0.5	0.1302+0.0278i	0.0738+0.0079i	-0.1471-0.6308i	-0.0564+0.0022i	-0.0216+0.0040i	-0.0467+0.0087i	0.0057+0.0259i	-0.0685-0.0147i
0.6	0.0985+0.0321i	0.0956+0.0342i	0.2783-0.2785i	-0.0248-0.0243i	-0.0265-0.0008i	-0.0599-0.0037i	0.0067+0.0050i	-0.0461-0.0109i
0.7	0.1288+0.0250i	0.1200+0.0246i	-0.1136-0.1287i	-0.0167-0.0043i	-0.0340-0.0024i	-0.0647-0.0034i	0.0012+0.0016i	-0.0467-0.0074i
0.8	0.1670+0.0174i	0.1637+0.0133i	-0.2078-0.0258i	-0.0081+0.0083i	-0.0411-0.0053i	-0.0753-0.0013i	-0.0038+0.0011i	-0.0526-0.0129i
0.9	0.2226+0.0154i	0.2255+0.0073i	-0.0796-0.0083i	-0.0037+0.0034i	-0.0531-0.0050i	-0.0948+0.0032i	-0.0018+0.0006i	-0.0712-0.0154i
1.0	0.2314+0.0371i	0.2352+0.0237i	-0.1212+0.0079i	-0.0071-0.0004i	-0.0601-0.0045i	-0.1161+0.0001i	0.0003+0.0003i	-0.0797-0.0168i
1.1	0.3100+0.0228i	0.3035+0.0305i	-0.4106+0.1366i	-0.0057+0.0032i	-0.0903-0.0006i	-0.1845+0.0110i	0.0001+0.0052i	-0.1100-0.0164i
1.2	0.4449+0.0159i	0.4428+0.0081i	-0.0104-0.0133i	0.0106-0.0017i	-0.1298-0.0040i	-0.2323+0.0145i	-0.0087+0.0007i	-0.1621-0.0235i
1.3	0.5355+0.0198i	0.5413+0.0003i	-0.0350+0.0017i	-0.0114-0.0044i	-0.1621-0.0106i	-0.2812+0.0366i	-0.0093+0.0005i	-0.2327-0.0380i
1.4	0.6755+0.0090i	0.6764+0.0001i	-0.1720+0.0820i	-0.0198+0.0058i	-0.2026-0.0148i	-0.3608+0.0150i	-0.0101+0.0001i	-0.4210+0.0420i
1.5	0.8460-0.1451i	0.8529-0.1378i	-0.2459+0.2350i	-0.0169+0.0152i	-0.2448+0.0071i	-0.5479+0.0466i	-0.0121-0.0000i	-0.4162+0.3667i
1.6	0.9514-0.2693i	0.9627-0.2654i	-0.2108+0.2961i	-0.0182+0.0072i	-0.2758+0.0001i	-0.7575+0.2251i	-0.0149+0.0015i	-0.1656+0.3190i
1.7	1.0873-0.4957i	1.1067-0.4998i	-0.1571+0.4827i	-0.0227-0.0027i	-0.3477-0.0169i	-0.8780+0.6049i	-0.0194+0.0002i	-0.1064+0.1305i
1.8	1.1577-0.9146i	1.1858-0.9126i	-0.0400+0.9168i	-0.0228-0.0011i	-0.4767-0.0279i	-0.8225+1.2193i	-0.0265-0.0003i	-0.2140-0.0177i
1.9	0.8510-1.2230i	0.8758-1.2136i	0.5144+1.2321i	-0.0303+0.0025i	-0.6895-0.0445i	-0.1974+1.6810i	-0.0361-0.0009i	-0.4677-0.1668i
2.0	0.5968-1.1489i	0.6184-1.1435i	1.2227+1.0891i	-0.0500-0.0016i	-1.0249-0.0495i	0.4961+1.6149i	-0.0519-0.0012i	-0.8911-0.2313i
2.1	0.9577-0.8506i	0.9774-0.8490i	2.0691+0.6525i	-0.0961+0.0050i	-1.8234+0.0504i	0.8038+1.1395i	-0.0868+0.0023i	-1.7550-0.1138i
2.2	1.8643-0.7760i	1.8723-0.7839i	3.2475+0.3602i	-0.1679+0.0188i	-3.1158+0.2827i	0.8456+0.8491i	-0.1433+0.0110i	-3.0565+0.1347i
2.3	1.5963-1.8011i	1.6044-1.7820i	3.0724-1.1218i	-0.1528+0.1077i	-2.7877+1.9210i	0.9587+0.6934i	-0.1321+0.0790i	-2.7798+1.7629i
2.4	-1.9723-0.9476i	-1.8758-0.9166i	-1.6775-0.5453i	0.1334+0.0413i	2.5520+0.8691i	0.8569+0.4456i	0.0937+0.0403i	2.4736+0.7888i
2.5	-1.4884-0.5309i	-1.3901-0.5111i	-1.1784-0.1506i	0.0990+0.0155i	1.9611+0.3736i	0.8014+0.3569i	0.0676+0.0191i	1.8945+0.3114i
2.6	-1.0020-0.3703i	-0.9018-0.3549i	-0.6990-0.0555i	0.0652+0.0073i	1.3745+0.2138i	0.7336+0.2926i	0.0406+0.0116i	1.3226+0.1625i
2.7	-0.7469-0.2815i	-0.6414-0.2703i	-0.4771-0.0269i	0.0491+0.0071i	1.1055+0.1490i	0.6826+0.2460i	0.0272+0.0089i	1.0624+0.1052i
2.8	-0.5837-0.2152i	-0.4724-0.2071i	-0.3511-0.0025i	0.0443+0.0065i	0.9516+0.1011i	0.6561+0.2144i	0.0189+0.0065i	0.9123+0.0621i
2.9	-0.4396-0.1852i	-0.3244-0.1776i	-0.2511-0.0049i	0.0394+0.0031i	0.8244+0.0871i	0.6373+0.1889i	0.0114+0.0060i	0.7873+0.0526i
3.0	-0.3175-0.1499i	-0.1946-0.1425i	-0.1861+0.0127i	0.0260+0.0035i	0.7360+0.0675i	0.6012+0.1694i	0.0047+0.0047i	0.7070+0.0357i
3.1	-0.2142-0.1312i	-0.0826-0.1261i	-0.1475+0.0161i	0.0205+0.0072i	0.6782+0.0619i	0.5752+0.1506i	-0.0004+0.0039i	0.6543+0.0335i
3.2	-0.0876-0.1304i	0.0519-0.1253i	-0.0981+0.0372i	0.0182+0.0073i	0.6211+0.0553i	0.5493+0.1421i	-0.0065+0.0044i	0.6028+0.0286i
3.3	-0.0329-0.1227i	0.1113-0.1167i	-0.0605+0.0506i	0.0148+0.0051i	0.5937+0.0483i	0.5475+0.1429i	-0.0103+0.0040i	0.5751+0.0213i
3.4	0.0450-0.1052i	0.1983-0.1009i	-0.0253+0.0449i	0.0109+0.0049i	0.5628+0.0433i	0.5431+0.1294i	-0.0146+0.0036i	0.5461+0.0192i
3.5	0.1260-0.0891i	0.2920-0.0848i	-0.0107+0.0320i	0.0056+0.0071i	0.5354+0.0393i	0.5303+0.1147i	-0.0194+0.0030i	0.5223+0.0179i
3.6	0.2029-0.0820i	0.3786-0.0790i	0.0154+0.0197i	0.0032+0.0067i	0.5138+0.0379i	0.5184+0.1051i	-0.0240+0.0022i	0.5045+0.0184i
3.7	0.2869-0.0702i	0.4726-0.0667i	0.0305+0.0285i	-0.0003+0.0070i	0.4924+0.0362i	0.5115+0.0950i	-0.0286+0.0018i	0.4864+0.0196i
3.8	0.3612-0.0737i	0.5559-0.0703i	0.0383+0.0314i	-0.0020+0.0073i	0.4760+0.0351i	0.4998+0.0954i	-0.0333+0.0025i	0.4746+0.0184i
3.9	0.4416-0.0700i	0.6486-0.0662i	0.0513+0.0325i	-0.0083+0.0126i	0.4595+0.0323i	0.4884+0.0964i	-0.0398+0.0027i	0.4644+0.0159i
4.0	0.5145-0.0647i	0.7319-0.0624i	0.0719+0.0359i	-0.0107+0.0114i	0.4461+0.0306i	0.4840+0.0892i	-0.0450+0.0030i	0.4561+0.0158i
4.1	0.5813-0.0482i	0.8074-0.0431i	0.0996+0.0381i	-0.0114+0.0109i	0.4342+0.0303i	0.4896+0.0799i	-0.0497+0.0019i	0.4454+0.0181i
4.2	0.6724-0.0463i	0.9143-0.0401i	0.1103+0.0317i	-0.0176+0.0128i	0.4234+0.0299i	0.4777+0.0717i	-0.0569+0.0020i	0.4408+0.0203i
4.3	0.7629-0.0488i	1.0192-0.0460i	0.1395+0.0296i	-0.0274+0.0167i	0.4123+0.0332i	0.4706+0.0711i	-0.0646+0.0031i	0.4360+0.0239i
4.4	0.8355-0.0579i	1.1021-0.0566i	0.1603+0.0375i	-0.0296+0.0179i	0.4029+0.0367i	0.4698+0.0739i	-0.0704+0.0043i	0.4324+0.0261i
4.5	0.9239-0.0466i	1.2047-0.0445i	0.1720+0.0279i	-0.0288+0.0215i	0.3972+0.0333i	0.4668+0.0630i	-0.0778+0.0038i	0.4328+0.0253i
4.6	1.0103-0.0437i	1.3032-0.0422i	0.1816+0.0088i	-0.0368+0.0256i	0.3908+0.0317i	0.4538+0.0588i	-0.0861+0.0039i	0.4341+0.0241i
4.7	1.0974-0.0444i	1.4007-0.0419i	0.2058-0.0005i	-0.0410+0.0298i	0.3848+0.0314i	0.4479+0.0573i	-0.0952+0.0039i	0.4341+0.0243i
4.8	1.2098-0.0573i	1.5289-0.0543i	0.2239-0.0028i	-0.0494+0.0338i	0.3718+0.0346i	0.4358+0.0592i	-0.1066+0.0053i	0.4310+0.0261i
4.9	1.3106-0.0508i	1.6458-0.0477i	0.2507+0.0097i	-0.0549+0.0365i	0.3651+0.0350i	0.4298+0.0614i	-0.1165+0.0050i	0.4324+0.0267i
5.0	1.4215-0.0493i	1.7821-0.0484i	0.2876+0.0178i	-0.0668+0.0361i	0.3552+0.0391i	0.4238+0.0647i	-0.1313+0.0053i	0.4347+0.0308i
5.1	1.5072-0.0475i	1.8823-0.0467i	0.2970+0.0156i	-0.0776+0.0479i	0.3494+0.0439i	0.4164+0.0669i	-0.1437+0.0063i	0.4371+0.0345i
5.2	1.6522-0.0743i	2.0456-0.0750i	0.3466+0.0168i	-0.0815+0.0722i	0.3420+0.0475i	0.4150+0.0779i	-0.1625+0.0108i	0.4425+0.0340i
5.3	1.7482-0.0844i	2.1584-0.0798i	0.3752+0.0065i	-0.0919+0.0761i	0.3361+0.0527i	0.4116+0.0857i	-0.1783+0.0125i	0.4478+0.0373i
5.4	1.8599-0.1024i	2.2957-0.0912i	0.4133+0.0167i	-0.0954+0.0897i	0.3293+0.0642i	0.4140+0.0941i	-0.1989+0.0182i	0.4542+0.0446i
5.5	1.9377-0.1257i	2.3940-0.1198i	0.4414+0.0172i	-0.0974+0.0993i	0.3287+0.0742i	0.4247+0.0966i	-0.2140+0.0243i	0.4625+0.0506i
5.6	2.0457-0.1414i	2.5237-0.1380i	0.4700+0.0043i	-0.1046+0.1108i	0.3283+0.0819i	0.4269+0.0982i	-0.2336+0.0285i	0.4737+0.0550i

5.7	2.1949-0.1264i	2.7019-0.1211i	0.5501+0.0265i	-0.1157+0.1316i	0.3226+0.0863i	0.4450+0.0989i	-0.2671+0.0327i	0.4851+0.0583i
5.8	2.2951-0.1688i	2.8207-0.1684i	0.5785-0.0051i	-0.1237+0.1473i	0.3208+0.1007i	0.4508+0.1018i	-0.2875+0.0478i	0.4951+0.0633i
5.9	2.3941-0.2135i	2.9336-0.2212i	0.5894-0.0563i	-0.1199+0.1536i	0.3355+0.1169i	0.4585+0.1008i	-0.3071+0.0609i	0.5191+0.0691i
6.0	2.4960-0.1922i	3.0632-0.2027i	0.6169-0.1010i	-0.1212+0.1618i	0.3547+0.1207i	0.4616+0.0860i	-0.3383+0.0681i	0.5527+0.0719i
6.1	2.6519-0.1874i	3.2484-0.2043i	0.6821-0.1247i	-0.1326+0.1561i	0.3687+0.1131i	0.4616+0.0723i	-0.3829+0.0760i	0.5874+0.0644i
6.2	2.8090-0.1582i	3.4243-0.1776i	0.7529-0.1028i	-0.1503+0.1543i	0.3721+0.1040i	0.4614+0.0661i	-0.4272+0.0767i	0.6118+0.0575i
6.3	2.9667-0.1392i	3.6077-0.1580i	0.8182-0.1165i	-0.1877+0.1471i	0.3660+0.0983i	0.4581+0.0573i	-0.4869+0.0815i	0.6356+0.0525i
6.4	3.1438-0.1768i	3.8263-0.1973i	0.9061-0.1606i	-0.2445+0.1696i	0.3597+0.0995i	0.4599+0.0594i	-0.5741+0.1138i	0.6702+0.0425i
6.5	3.3150-0.1914i	4.0190-0.2111i	1.0141-0.1770i	-0.3034+0.1904i	0.3555+0.1074i	0.4582+0.0569i	-0.6625+0.1454i	0.7056+0.0403i
6.6	3.5731-0.2360i	4.3044-0.2621i	1.1855-0.2310i	-0.4080+0.2554i	0.3555+0.1136i	0.4611+0.0515i	-0.8000+0.2236i	0.7683+0.0188i
6.7	3.8346-0.3021i	4.5989-0.3475i	1.3162-0.3365i	-0.5258+0.3325i	0.3596+0.1239i	0.4590+0.0473i	-0.9494+0.3207i	0.8397-0.0071i
6.8	4.1508-0.4011i	4.9695-0.4534i	1.5359-0.4862i	-0.7254+0.4657i	0.3614+0.1296i	0.4480+0.0447i	-1.2167+0.4777i	0.9500-0.0573i
6.9	4.4588-0.6695i	5.3220-0.7421i	1.7971-0.8379i	-0.9270+0.8084i	0.3663+0.1463i	0.4424+0.0458i	-1.5040+0.9104i	1.0706-0.1953i
7.0	4.7650-1.0642i	5.6678-1.1895i	2.0432-1.3709i	-1.1107+1.3921i	0.3821+0.1615i	0.4416+0.0509i	-1.7647+1.6408i	1.1913-0.4331i
7.1	4.5039-1.7536i	5.3912-1.9585i	1.5029-2.3208i	-0.4483+2.4171i	0.4326+0.1482i	0.4505+0.0489i	-0.9952+2.9164i	0.9996-0.8815i
7.2	3.8520-1.7938i	4.6816-2.0092i	0.3105-2.4724i	0.9267+2.4727i	0.4495+0.0958i	0.4390+0.0400i	0.6412+3.0458i	0.4910-0.9804i
7.3	3.7291-1.4321i	4.5528-1.6014i	-0.1665-2.0413i	1.5380+1.8969i	0.4110+0.0661i	0.4245+0.0445i	1.3928+2.3711i	0.2370-0.7978i
7.4	3.6859-1.1362i	4.5100-1.2702i	-0.4264-1.6243i	1.8114+1.3116i	0.3975+0.0808i	0.4349+0.0579i	1.7427+1.6775i	0.1086-0.5767i
7.5	3.9488-0.7230i	4.8051-0.8150i	-0.3312-1.0175i	1.7860+0.6280i	0.3836+0.0912i	0.4468+0.0490i	1.7119+0.8469i	0.1208-0.2917i
7.6	4.4283-0.5668i	5.3413-0.6546i	0.0628-0.7418i	1.4883+0.3735i	0.3722+0.1098i	0.4409+0.0448i	1.3441+0.5182i	0.2699-0.1760i
7.7	4.8033-0.5697i	5.7577-0.6490i	0.3134-0.7293i	1.3054+0.2866i	0.3629+0.1165i	0.4360+0.0436i	1.1096+0.4349i	0.3794-0.1618i
7.8	5.2522-0.7043i	6.2426-0.7656i	0.5391-0.9151i	1.2595+0.2765i	0.3661+0.1369i	0.4371+0.0456i	0.9914+0.4408i	0.4641-0.1851i
7.9	5.4403-0.7882i	6.4534-0.8300i	0.5584-1.0054i	1.2842+0.2366i	0.3695+0.1504i	0.4407+0.0439i	1.0031+0.4165i	0.4747-0.1930i
8.0	5.6493-0.8986i	6.7291-0.9070i	0.6045-1.0076i	1.2761+0.1510i	0.3812+0.1570i	0.4362+0.0423i	0.9801+0.3243i	0.5161-0.1862i
8.1	5.8927-0.9416i	7.0816-0.9710i	0.6678-1.1052i	1.2690+0.0816i	0.3994+0.1772i	0.4302+0.0422i	0.9483+0.2669i	0.5740-0.1827i
8.2	6.2538-0.9269i	7.4562-0.9831i	0.7279-1.1416i	1.2757+0.0078i	0.4161+0.1854i	0.4297+0.0412i	0.9209+0.2021i	0.6330-0.1731i
8.3	6.7833-1.0547i	7.9872-1.0578i	0.9035-1.1694i	1.3084-0.0670i	0.4332+0.1896i	0.4255+0.0446i	0.8774+0.1328i	0.7315-0.1796i
8.4	7.0271-1.2868i	8.3362-1.2490i	1.0469-1.2926i	1.3296-0.1301i	0.4482+0.1933i	0.4217+0.0440i	0.8431+0.1031i	0.8137-0.2176i
8.5	7.4105-1.3620i	8.8364-1.3280i	1.3139-1.4225i	1.3796-0.1786i	0.4637+0.1971i	0.4136+0.0435i	0.8166+0.0858i	0.9277-0.2757i
8.6	7.8065-1.6419i	9.3493-1.6664i	1.5305-1.7961i	1.4333-0.2771i	0.4805+0.1948i	0.4077+0.0526i	0.8154+0.0652i	1.0247-0.4062i
8.7	8.0918-1.9137i	9.7470-2.0050i	1.7063-2.1826i	1.5295-0.4016i	0.4991+0.1837i	0.4003+0.0631i	0.8268+0.0211i	1.1246-0.5365i
8.8	8.5527-2.2268i	10.2951-2.3776i	1.9956-2.6286i	1.6297-0.5549i	0.5089+0.1855i	0.3875+0.0742i	0.8387-0.0349i	1.2518-0.7026i
8.9	9.1662-2.8798i	10.9853-3.1384i	2.2567-3.4964i	1.7299-0.8402i	0.5250+0.1902i	0.3728+0.0955i	0.8502-0.1153i	1.3560-1.0123i
9.0	9.1961-3.6699i	11.0316-4.0341i	1.9188-4.5226i	1.6635-1.1757i	0.5480+0.1781i	0.3770+0.1266i	0.8271-0.1814i	1.2593-1.3778i
9.1	8.9195-4.1880i	10.7121-4.6250i	1.1015-5.2457i	1.4850-1.4717i	0.5440+0.1696i	0.4023+0.1503i	0.8161-0.2649i	0.9681-1.6180i
9.2	9.2318-5.5528i	11.0283-6.1495i	0.8782-6.9951i	1.4339-2.0915i	0.5664+0.1992i	0.4233+0.1942i	0.7863-0.4884i	0.9403-2.1486i
9.3	7.5714-6.5578i	9.2077-7.2397i	-1.8164-8.1805i	0.6053-2.5651i	0.6371+0.1851i	0.4806+0.2152i	0.5403-0.6152i	0.1416-2.5869i
9.4	5.5534-5.8246i	7.0245-6.3598i	-4.9285-7.0010i	-0.4088-2.2985i	0.6705+0.1195i	0.5442+0.1747i	0.2691-0.5448i	-0.8575-2.2699i
9.5	5.2133-4.2808i	6.7022-4.6626i	-6.0006-4.9381i	-0.7854-1.6826i	0.6634+0.0601i	0.5587+0.1324i	0.1653-0.3992i	-1.1951-1.6336i
9.6	5.7646-3.1917i	7.3371-3.4681i	-5.9407-3.3588i	-0.7866-1.2041i	0.6260+0.0321i	0.5530+0.0950i	0.1574-0.2846i	-1.1605-1.1484i
9.7	6.4222-2.3980i	8.0701-2.5677i	-5.7405-2.1717i	-0.7482-0.8604i	0.5897+0.0292i	0.5384+0.0730i	0.1570-0.2092i	-1.0821-0.8084i
9.8	7.3808-2.1757i	9.1336-2.2835i	-5.2478-1.4240i	-0.6066-0.6657i	0.5737+0.0372i	0.5162+0.0759i	0.1789-0.1610i	-0.9251-0.6058i
9.9	8.0678-1.9830i	9.9027-2.0039i	-4.9869-0.7981i	-0.5121-0.5426i	0.5650+0.0515i	0.5122+0.0738i	0.1929-0.1280i	-0.8442-0.4968i
10.0	8.7652-2.1254i	10.7443-2.0060i	-4.5344-0.1100i	-0.4289-0.4461i	0.5689+0.0773i	0.5019+0.0770i	0.2114-0.1033i	-0.7533-0.3880i
10.1	9.2156-2.2828i	11.4377-2.0912i	-3.8131+0.2003i	-0.3387-0.4185i	0.5905+0.0916i	0.4830+0.0885i	0.2449-0.1061i	-0.6878-0.3096i
10.2	9.4932-2.2455i	11.9737-2.0566i	-3.3212+0.1602i	-0.2842-0.4338i	0.6084+0.0802i	0.4869+0.0987i	0.2505-0.1337i	-0.6339-0.2654i
10.3	9.8082-2.1612i	12.4642-2.0407i	-3.2329-0.0215i	-0.2980-0.4254i	0.6205+0.0702i	0.4877+0.1190i	0.2239-0.1508i	-0.5925-0.2186i
10.4	10.1682-1.9632i	12.9365-1.9049i	-3.2764-0.0526i	-0.3039-0.3681i	0.6207+0.0646i	0.4847+0.1372i	0.1985-0.1442i	-0.5553-0.1652i
10.5	10.6929-1.7136i	13.6008-1.7077i	-3.2446-0.0457i	-0.3192-0.3154i	0.6263+0.0596i	0.5034+0.1587i	0.1744-0.1308i	-0.5161-0.1247i
10.6	11.4624-1.6870i	14.5229-1.7306i	-3.2532+0.0202i	-0.3125-0.2510i	0.6355+0.0530i	0.5335+0.1736i	0.1620-0.1074i	-0.4653-0.0810i
10.7	12.2743-1.5866i	15.4943-1.6498i	-3.2518+0.0838i	-0.2871-0.1870i	0.6390+0.0481i	0.5575+0.1802i	0.1605-0.0869i	-0.4305-0.0395i
10.8	12.8413-1.4063i	16.2118-1.4947i	-3.2976+0.1123i	-0.2514-0.1570i	0.6424+0.0492i	0.5824+0.1848i	0.1615-0.0743i	-0.3852-0.0156i
10.9	13.6092-1.3069i	17.1065-1.4905i	-3.3558+0.1257i	-0.2157-0.1412i	0.6469+0.0481i	0.6053+0.1845i	0.1627-0.0697i	-0.3446-0.0058i
11.0	14.6746-1.4572i	18.3157-1.6414i	-3.3627+0.1597i	-0.1939-0.1154i	0.6584+0.0418i	0.6295+0.1749i	0.1669-0.0632i	-0.3083+0.0041i
11.1	15.8219-1.5936i	19.6873-1.7753i	-3.4304+0.1410i	-0.1569-0.0763i	0.6714+0.0354i	0.6468+0.1647i	0.1684-0.0595i	-0.2877+0.0105i
11.2	16.7812-1.5874i	20.8628-1.8225i	-3.5211+0.1915i	-0.1410-0.0551i	0.6795+0.0364i	0.6591+0.1573i	0.1671-0.0599i	-0.2685+0.0113i
11.3	17.7098-1.7050i	22.0054-1.9890i	-3.8443+0.2925i	-0.1272-0.0400i	0.6806+0.0344i	0.6700+0.1547i	0.1639-0.0551i	-0.2484+0.0191i
11.4	18.7441-1.7855i	23.2432-2.1067i	-4.1044+0.3127i	-0.1100-0.0295i	0.6929+0.0327i	0.6898+0.1519i	0.1625-0.0517i	-0.2346+0.0282i
11.5	19.9870-1.7943i	24.7717-2.1744i	-4.3813+0.3235i	-0.0948+0.0047i	0.7035+0.0296i	0.7070+0.1441i	0.1617-0.0490i	-0.2281+0.0330i
11.6	21.2448-1.9842i	26.3033-2.4716i	-4.7889+0.3047i	-0.0586+0.0274i	0.7084+0.0285i	0.7140+0.1385i	0.1610-0.0464i	-0.2223+0.0464i
11.7	22.8637-2.0297i	28.1853-2.6126i	-5.0662+0.3750i	-0.0420+0.0509i	0.7247+0.0301i	0.7296+0.1396i	0.1622-0.0446i	-0.2168+0.0559i
11.8	24.6360-2.0916i	30.2131-2.7629i	-5.6271+0.5766i	-0.0022+0.0607i	0.7340+0.0343i	0.7362+0.1378i	0.1613-0.0511i	-0.2282+0.0706i
11.9	26.6300-2.7671i	32.5755-3.5458i	-6.1704+0.8124i	0.0491+0.0632i	0.7500+0.0299i	0.7494+0.1375i	0.1581-0.0573i	-0.2325+0.0957i

12.0	28.6265-3.4345i	34.9703-4.2756i	-6.8443+1.0679i	0.0907+0.0756i	0.7690+0.0271i	0.7698+0.1414i	0.1512-0.0602i	-0.2324+0.1265i
12.1	30.8260-3.6720i	37.5934-4.5642i	-7.6859+1.5868i	0.1206+0.1000i	0.7834+0.0347i	0.7863+0.1524i	0.1485-0.0624i	-0.2401+0.1590i
12.2	33.9444-4.8992i	41.2348-5.9803i	-8.4378+1.8533i	0.1286+0.0705i	0.8259+0.0287i	0.8119+0.1716i	0.1385-0.0786i	-0.2507+0.2094i
12.3	37.2043-5.9720i	45.0812-7.1320i	-9.7278+2.2296i	0.1462+0.0906i	0.8549+0.0240i	0.8382+0.2014i	0.1166-0.0973i	-0.2740+0.2733i
12.4	39.8875-7.9565i	48.4272-9.4714i	-11.3023+3.5235i	0.1389+0.1315i	0.8658+0.0179i	0.8742+0.2363i	0.0721-0.0979i	-0.2728+0.3727i
12.5	42.7916-10.4896i	52.0824-12.4573i	-12.3042+5.5477i	0.1487+0.1454i	0.9023+0.0208i	0.9472+0.2724i	0.0389-0.0775i	-0.2189+0.4894i
12.6	47.2760-12.9461i	57.4864-15.3521i	-14.3200+7.5923i	0.1983+0.1856i	0.9415+0.0268i	1.0525+0.3428i	-0.0125-0.0439i	-0.1596+0.6703i
12.7	50.3004-15.4122i	61.2205-18.2747i	-15.3422+9.4751i	0.2538+0.2044i	0.9765+0.0213i	1.1639+0.3806i	-0.0402-0.0021i	-0.0536+0.7953i
12.8	56.0065-20.2180i	68.1113-24.0140i	-16.8730+13.9878i	0.3430+0.3172i	1.0526+0.0320i	1.4299+0.3839i	-0.0639+0.0865i	0.2305+0.9382i
12.9	59.7233-25.3389i	72.6847-30.1555i	-17.1658+17.3088i	0.4190+0.3294i	1.1158+0.0141i	1.6400+0.3012i	-0.0589+0.1334i	0.4577+0.9422i
13.0	66.9510-34.0222i	81.5569-40.6688i	-19.2294+23.3699i	0.5503+0.3644i	1.2125-0.0158i	1.9868+0.1091i	-0.0517+0.2167i	0.7948+0.8590i
13.1	71.1608-41.2328i	86.7707-49.3951i	-20.9768+29.9751i	0.7138+0.4171i	1.2541-0.0252i	2.1868-0.0931i	-0.0370+0.2977i	0.9703+0.7735i
13.2	77.4341-56.5907i	94.5971-67.9566i	-21.5815+42.1048i	0.9424+0.3799i	1.3526-0.0716i	2.4883-0.5212i	-0.0002+0.4120i	1.1937+0.5802i
13.3	82.1565-76.5161i	100.4838-92.1550i	-18.6388+60.0070i	1.2268+0.2948i	1.4843-0.0990i	2.7423-1.0912i	0.0726+0.5633i	1.3815+0.3772i
13.4	68.3136-103.7762i	84.0330-125.3203i	4.6939+81.8395i	1.4303-0.0078i	1.6545-0.1590i	2.4523-2.0562i	0.3137+0.7132i	1.4682+0.0657i
13.5	46.7281-117.8320i	57.9307-142.7055i	39.9561+87.2618i	1.5985-0.3744i	1.9033-0.2292i	1.7294-2.6417i	0.6596+0.7157i	1.4614-0.1506i
13.6	16.5835-125.2457i	21.3217-151.8817i	82.9730+68.7325i	1.5692-0.8243i	2.2233-0.6121i	0.6412-2.8954i	1.0447+0.4558i	1.4659-0.4545i
13.7	-0.9658-120.5958i	-0.1244-146.3351i	111.9484+31.7147i	1.3927-1.1837i	2.5649-1.1468i	-0.1850-2.5462i	1.2606+0.0294i	1.5281-0.7516i
13.8	-5.9149-114.6585i	-6.1028-139.2524i	118.7236-0.5669i	1.2435-1.3848i	2.6962-1.6304i	-0.5082-2.0694i	1.2649-0.3172i	1.5508-1.0144i
13.9	-11.9151-116.6935i	-13.3235-141.6678i	113.0161-39.7627i	1.0499-1.6252i	2.5990-2.4316i	-0.6333-1.6284i	1.1211-0.6823i	1.4727-1.4423i
14.0	-29.2768-118.2871i	-34.3379-143.6338i	82.4740-71.5250i	0.6350-1.7924i	1.8047-3.1812i	-0.6359-1.2626i	0.7600-0.9315i	1.0339-1.8470i
14.1	-47.8982-115.6162i	-56.9331-140.6788i	50.4453-87.4270i	0.2226-1.8647i	0.8958-3.5527i	-0.6015-1.0135i	0.3577-1.0379i	0.5060-2.0682i
14.2	-67.1086-102.9978i	-80.4080-125.5796i	17.1320-86.3148i	-0.2866-1.7221i	-0.0906-3.4139i	-0.5722-0.8218i	0.0047-0.9216i	-0.0997-1.9975i
14.3	-79.6128-81.5123i	-95.8307-99.5779i	-7.9469-70.4866i	-0.4763-1.3776i	-0.8577-2.8160i	-0.5407-0.6650i	-0.1684-0.6589i	-0.5542-1.6456i
14.4	-81.8064-61.1364i	-98.6662-74.8294i	-19.7560-53.0346i	-0.4696-1.1001i	-1.1889-2.1599i	-0.4888-0.5246i	-0.1887-0.4461i	-0.7475-1.2590i
14.5	-77.8847-42.4924i	-93.9841-52.1843i	-24.3308-34.9232i	-0.3931-0.9456i	-1.2726-1.4886i	-0.4117-0.4011i	-0.1465-0.2735i	-0.8054-0.8658i
14.6	-73.3716-35.7477i	-88.5675-43.9617i	-24.4278-28.2834i	-0.3660-0.8494i	-1.2089-1.2394i	-0.3470-0.3503i	-0.1167-0.2148i	-0.7857-0.7069i
14.7	-67.8444-28.6893i	-81.9036-35.4187i	-23.2521-20.8620i	-0.2585-0.7604i	-1.1221-0.9844i	-0.2799-0.3071i	-0.0369-0.1637i	-0.7101-0.5364i
14.8	-62.8338-23.4091i	-75.8708-28.9334i	-21.1581-14.6118i	-0.2069-0.8113i	-1.0257-0.7582i	-0.2411-0.2745i	0.0075-0.2192i	-0.6255-0.4354i
14.9	-57.8074-20.0510i	-69.7814-24.8471i	-17.0640-10.7382i	-0.3169-0.8860i	-0.8619-0.6006i	-0.2113-0.2393i	-0.0648-0.2640i	-0.5637-0.3786i
15.0	-55.2624-17.5092i	-66.7494-21.7704i	-15.3565-9.0269i	-0.4084-0.8333i	-0.7818-0.5192i	-0.1817-0.2033i	-0.1206-0.2411i	-0.5455-0.3311i
15.1	-52.2557-14.8397i	-63.1123-18.4607i	-14.0706-7.7997i	-0.4903-0.7372i	-0.7017-0.4500i	-0.1471-0.1687i	-0.1370-0.1863i	-0.5178-0.2720i
15.2	-48.1253-12.6881i	-58.1118-15.8287i	-11.9243-6.6875i	-0.4810-0.6623i	-0.5957-0.3899i	-0.1060-0.1419i	-0.1332-0.1292i	-0.4616-0.2213i
15.3	-45.6349-11.2948i	-55.0892-14.1294i	-11.0352-5.7658i	-0.4672-0.6264i	-0.5395-0.3517i	-0.0743-0.1260i	-0.1193-0.1041i	-0.4275-0.1889i
15.4	-43.1855-9.9118i	-52.1222-12.4326i	-10.2772-4.9481i	-0.4754-0.5730i	-0.4871-0.3126i	-0.0415-0.1066i	-0.1114-0.0827i	-0.3953-0.1586i
15.5	-41.0481-8.7618i	-49.5384-11.0220i	-9.5770-4.3203i	-0.4878-0.5166i	-0.4433-0.2809i	-0.0114-0.0911i	-0.1139-0.0674i	-0.3679-0.1366i
15.6	-39.1101-8.1654i	-47.1913-10.2857i	-9.1084-3.9509i	-0.4567-0.4939i	-0.4068-0.2642i	0.0182-0.0855i	-0.1111-0.0483i	-0.3477-0.1254i
15.7	-37.7056-7.6968i	-45.4846-9.7201i	-8.7696-3.6286i	-0.4465-0.4577i	-0.3793-0.2496i	0.0423-0.0833i	-0.1060-0.0291i	-0.3338-0.1158i
15.8	-35.4951-6.8196i	-42.7428-8.6406i	-7.9213-2.8999i	-0.4650-0.4059i	-0.3275-0.2171i	0.0732-0.0807i	-0.1025-0.0088i	-0.3059-0.0904i
15.9	-33.7851-6.3238i	-40.6757-8.0130i	-7.4030-2.5162i	-0.4654-0.3863i	-0.2896-0.2023i	0.0961-0.0794i	-0.0951+0.0134i	-0.2849-0.0698i
16.0	-32.7204-6.1668i	-39.4027-7.8472i	-7.1676-2.3027i	-0.4320-0.3431i	-0.2695-0.1981i	0.1140-0.0842i	-0.0804+0.0291i	-0.2678-0.0612i
16.1	-31.2940-5.8459i	-37.6528-7.4761i	-6.8009-1.9325i	-0.3746-0.3192i	-0.2465-0.1799i	0.1321-0.0904i	-0.0510+0.0411i	-0.2421-0.0497i
16.2	-30.2249-5.5134i	-36.3643-7.0840i	-6.6186-1.4710i	-0.3591-0.3166i	-0.2245-0.1558i	0.1475-0.1005i	-0.0364+0.0418i	-0.2209-0.0373i
16.3	-29.1675-5.4175i	-35.1075-6.9760i	-6.2481-1.1278i	-0.3586-0.2981i	-0.1864-0.1511i	0.1584-0.1154i	-0.0257+0.0458i	-0.1945-0.0360i
16.4	-28.3352-5.2276i	-34.1219-6.7394i	-5.8872-0.7548i	-0.3723-0.3029i	-0.1549-0.1488i	0.1645-0.1244i	-0.0237+0.0491i	-0.1769-0.0357i
16.5	-27.4913-5.1901i	-33.1315-6.7162i	-5.3207-0.5418i	-0.3577-0.2783i	-0.1340-0.1615i	0.1611-0.1352i	-0.0179+0.0558i	-0.1692-0.0393i
16.6	-26.8367-4.9952i	-32.3417-6.4906i	-4.7566-0.3052i	-0.3232-0.2496i	-0.1302-0.1724i	0.1519-0.1424i	0.0130+0.0575i	-0.1553-0.0403i
16.7	-26.3264-4.6829i	-31.7033-6.0971i	-4.3095-0.2335i	-0.3094-0.2799i	-0.1311-0.1619i	0.1436-0.1353i	0.0271+0.0318i	-0.1481-0.0433i
16.8	-25.7055-4.2888i	-30.9440-5.6003i	-3.8748-0.3187i	-0.3227-0.2920i	-0.1184-0.1455i	0.1415-0.1206i	0.0101+0.0108i	-0.1469-0.0452i
16.9	-25.0324-4.1087i	-30.1205-5.4299i	-3.8738-0.4466i	-0.3618-0.2916i	-0.0943-0.1440i	0.1607-0.1150i	-0.0151+0.0228i	-0.1507-0.0383i
17.0	-24.2961-4.1191i	-29.2717-5.4632i	-3.6771-0.4477i	-0.3648-0.2435i	-0.0743-0.1549i	0.1662-0.1253i	-0.0129+0.0514i	-0.1480-0.0297i
17.1	-23.7928-3.9304i	-28.6966-5.1897i	-3.4060-0.5306i	-0.3556-0.1953i	-0.0722-0.1658i	0.1642-0.1223i	0.0116+0.0621i	-0.1340-0.0222i
17.2	-23.2818-3.4248i	-28.0523-4.5549i	-3.1368-0.5638i	-0.3355-0.2092i	-0.0748-0.1521i	0.1673-0.1028i	0.0268+0.0364i	-0.1248-0.0220i
17.3	-22.5358-3.3483i	-27.1111-4.4548i	-3.0550-0.5845i	-0.3418-0.2121i	-0.0569-0.1524i	0.1890-0.1133i	0.0131+0.0319i	-0.1242-0.0131i
17.4	-21.9040-3.3476i	-26.2860-4.4711i	-3.0150-0.6271i	-0.3322-0.1738i	-0.0499-0.1681i	0.1935-0.1291i	0.0098+0.0420i	-0.1176-0.0049i
17.5	-21.4583-3.2693i	-25.7793-4.3866i	-3.0029-0.5543i	-0.3193-0.1603i	-0.0587-0.1739i	0.1916-0.1428i	0.0103+0.0463i	-0.1081+0.0057i
17.6	-21.1464-3.1972i	-25.4650-4.3321i	-3.0546-0.4448i	-0.3176-0.1412i	-0.0695-0.1703i	0.1935-0.1579i	0.0127+0.0475i	-0.0978+0.0112i
17.7	-20.6603-3.1177i	-24.8481-4.2649i	-2.9734-0.3045i	-0.2995-0.1305i	-0.0755-0.1632i	0.1865-0.1742i	0.0181+0.0453i	-0.0858+0.0130i
17.8	-20.2696-3.0874i	-24.3806-4.1852i	-2.7332-0.1151i	-0.2649-0.1323i	-0.0780-0.1511i	0.1603-0.1903i	0.0203+0.0401i	-0.0736+0.0206i
17.9	-20.0379-2.9706i	-24.1442-4.0430i	-2.5186-0.0347i	-0.2587-0.1345i	-0.0793-0.1426i	0.1298-0.1886i	0.0151+0.0413i	-0.0621+0.0222i
18.0	-19.6400-2.8224i	-23.6853-3.9095i	-2.2778-0.0812i	-0.2668-0.1370i	-0.0728-0.1318i	0.1063-0.1677i	0.0002+0.0395i	-0.0480+0.0164i
18.1	-19.2538-2.7003i	-23.1724-3.8010i	-2.1875-0.1519i	-0.2746-0.1140i	-0.0691-0.1249i	0.1052-0.1449i	-0.0004+0.0516i	-0.0407+0.0106i
18.2	-18.9445-2.6352i	-22.8288-3.6808i	-2.1485-0.1877i	-0.2646-0.1027i	-0.0684-0.1201i	0.0998-0.1299i	0.0010+0.0651i	-0.0350+0.0060i

18.3	-18.6353-2.5277i	-22.4558-3.5036i	-2.1251-0.1905i	-0.2595-0.1166i	-0.0664-0.1100i	0.0971-0.1179i	0.0094+0.0678i	-0.0321+0.0060i
18.4	-18.3833-2.2879i	-22.1230-3.2308i	-2.0856-0.1215i	-0.2400-0.1200i	-0.0680-0.0973i	0.0976-0.1026i	0.0194+0.0678i	-0.0280+0.0085i
18.5	-18.0616-2.2757i	-21.7808-3.2440i	-2.0635-0.1274i	-0.2186-0.1104i	-0.0678-0.0906i	0.1126-0.0951i	0.0315+0.0642i	-0.0247+0.0054i
18.6	-17.7669-2.2829i	-21.4232-3.2566i	-1.9782-0.1069i	-0.1982-0.1345i	-0.0623-0.0840i	0.1157-0.0958i	0.0290+0.0473i	-0.0227-0.0013i
18.7	-17.4159-2.2439i	-21.0340-3.1367i	-1.7921-0.0701i	-0.2241-0.1309i	-0.0526-0.0737i	0.1077-0.0894i	0.0055+0.0507i	-0.0280-0.0046i
18.8	-17.1354-2.1906i	-20.7148-3.0856i	-1.7384-0.1854i	-0.2431-0.1045i	-0.0432-0.0725i	0.1049-0.0815i	-0.0007+0.0693i	-0.0289-0.0005i
18.9	-16.8192-2.0268i	-20.3617-2.8896i	-1.6267-0.2143i	-0.2141-0.0834i	-0.0378-0.0688i	0.1045-0.0771i	0.0017+0.0750i	-0.0236+0.0068i
19.0	-16.6007-1.8153i	-20.0686-2.6681i	-1.5975-0.1930i	-0.2166-0.0757i	-0.0338-0.0645i	0.1058-0.0676i	0.0069+0.0825i	-0.0220+0.0100i
19.1	-16.3934-1.7084i	-19.8177-2.5273i	-1.6191-0.1525i	-0.2218-0.0722i	-0.0318-0.0609i	0.1101-0.0616i	0.0134+0.0834i	-0.0202+0.0129i
19.2	-15.9132-1.7132i	-19.3323-2.4937i	-1.5023-0.2642i	-0.2187-0.0626i	-0.0261-0.0574i	0.1154-0.0546i	0.0144+0.0857i	-0.0145+0.0143i
19.3	-15.6355-1.7409i	-18.9407-2.4585i	-1.4099-0.3065i	-0.1937-0.0523i	-0.0178-0.0574i	0.1184-0.0472i	0.0150+0.0912i	-0.0036+0.0148i
19.4	-15.4713-1.6526i	-18.6592-2.3655i	-1.4293-0.2867i	-0.1953-0.0401i	-0.0118-0.0547i	0.1192-0.0482i	0.0180+0.0949i	0.0021+0.0181i
19.5	-15.2002-1.5651i	-18.4070-2.2726i	-1.4916-0.2608i	-0.1959-0.0128i	-0.0117-0.0564i	0.1263-0.0572i	0.0293+0.1021i	0.0026+0.0204i
19.6	-14.9660-1.4925i	-18.0972-2.2140i	-1.4292-0.2171i	-0.1658-0.0080i	-0.0087-0.0542i	0.1295-0.0575i	0.0371+0.1026i	0.0086+0.0235i
19.7	-14.8038-1.4397i	-17.8765-2.1571i	-1.3904-0.1769i	-0.1689-0.0227i	-0.0035-0.0527i	0.1290-0.0582i	0.0429+0.1017i	0.0161+0.0261i
19.8	-14.4939-1.4594i	-17.5177-2.1752i	-1.3334-0.1916i	-0.1493-0.0250i	-0.0011-0.0494i	0.1229-0.0602i	0.0500+0.1027i	0.0196+0.0241i
19.9	-14.3232-1.4651i	-17.2812-2.1385i	-1.3029-0.1921i	-0.1492-0.0127i	-0.0010-0.0489i	0.1198-0.0580i	0.0491+0.1047i	0.0209+0.0260i
20.0	-14.1226-1.4783i	-17.0556-2.0746i	-1.3071-0.1706i	-0.1234-0.0227i	-0.0009-0.0464i	0.1017-0.0498i	0.0534+0.0978i	0.0295+0.0231i
20.1	-13.9100-1.3634i	-16.7804-1.9530i	-1.2330-0.1354i	-0.0885-0.0313i	-0.0006-0.0411i	0.0885-0.0496i	0.0629+0.0888i	0.0363+0.0198i
20.2	-13.6610-1.2927i	-16.5314-1.8776i	-1.2162-0.1917i	-0.0736-0.0361i	-0.0006-0.0388i	0.0897-0.0453i	0.0738+0.0861i	0.0389+0.0215i
20.3	-13.5233-1.2995i	-16.3449-1.8951i	-1.2407-0.2235i	-0.0782-0.0373i	0.0015-0.0331i	0.0914-0.0411i	0.0744+0.0783i	0.0415+0.0232i
20.4	-13.4003-1.2672i	-16.0708-1.8391i	-1.2373-0.1779i	-0.0817-0.0530i	0.0041-0.0298i	0.0819-0.0303i	0.0764+0.0656i	0.0454+0.0164i
20.5	-13.2480-1.2687i	-15.8926-1.8678i	-1.2282-0.1772i	-0.0933-0.0640i	0.0084-0.0296i	0.0843-0.0187i	0.0729+0.0678i	0.0469+0.0164i
20.6	-12.9088-1.1974i	-15.5677-1.7428i	-1.1818-0.1597i	-0.0926-0.0646i	0.0123-0.0250i	0.0706-0.0114i	0.0709+0.0618i	0.0468+0.0143i
20.7	-12.6935-1.1228i	-15.2869-1.6523i	-1.1241-0.1017i	-0.0757-0.0533i	0.0113-0.0236i	0.0624-0.0022i	0.0677+0.0533i	0.0462+0.0152i
20.8	-12.5337-1.0924i	-15.0790-1.6743i	-1.0793-0.1400i	-0.0770-0.0651i	0.0121-0.0199i	0.0600+0.0034i	0.0699+0.0512i	0.0496+0.0151i
20.9	-12.4403-1.0847i	-14.8857-1.7264i	-1.0082-0.1790i	-0.0745-0.0740i	0.0147-0.0201i	0.0581+0.0232i	0.0655+0.0529i	0.0523+0.0167i
21.0	-12.2191-1.1193i	-14.6394-1.6268i	-0.9963-0.2155i	-0.0817-0.0875i	0.0145-0.0137i	0.0470+0.0376i	0.0630+0.0489i	0.0490+0.0210i
21.1	-12.0049-1.0870i	-14.4421-1.5572i	-0.9910-0.1974i	-0.0763-0.0742i	0.0196-0.0110i	0.0322+0.0470i	0.0607+0.0526i	0.0484+0.0266i
21.2	-11.8403-1.0321i	-14.1987-1.5640i	-0.9673-0.1853i	-0.0731-0.0674i	0.0214-0.0103i	0.0356+0.0929i	0.0565+0.0533i	0.0536+0.0357i
21.3	-11.6931-1.0459i	-14.0182-1.5856i	-0.9808-0.1865i	-0.0698-0.0828i	0.0231-0.0088i	0.0776+0.1027i	0.0612+0.0556i	0.0635+0.0367i
21.4	-11.5820-1.0089i	-13.8410-1.4584i	-0.9655-0.1286i	-0.0800-0.0910i	0.0190-0.0021i	0.0750+0.1085i	0.0618+0.0454i	0.0644+0.0396i
21.5	-11.3459-0.8824i	-13.6293-1.3889i	-0.9100-0.1228i	-0.0764-0.0880i	0.0207+0.0009i	0.0620+0.1195i	0.0594+0.0454i	0.0633+0.0410i
21.6	-11.1235-0.8759i	-13.3863-1.3236i	-0.8742-0.1273i	-0.0545-0.0980i	0.0201+0.0053i	0.0610+0.1462i	0.0654+0.0337i	0.0689+0.0444i
21.7	-11.0244-0.9294i	-13.2048-1.3793i	-0.8643-0.1430i	-0.0603-0.0895i	0.0231+0.0047i	0.0802+0.1421i	0.0587+0.0353i	0.0740+0.0453i
21.8	-10.8542-0.8659i	-13.0346-1.3325i	-0.8273-0.1157i	-0.0733-0.0945i	0.0260+0.0090i	0.1068+0.1399i	0.0472+0.0307i	0.0786+0.0466i
21.9	-10.6936-0.8431i	-12.7459-1.2631i	-0.7429-0.1272i	-0.0670-0.1104i	0.0290+0.0185i	0.1222+0.1743i	0.0432+0.0238i	0.0925+0.0582i
22.0	-10.6533-0.8275i	-12.5547-1.2493i	-0.7418-0.1491i	-0.0771-0.1060i	0.0287+0.0220i	0.1170+0.1591i	0.0435+0.0239i	0.0960+0.0595i
22.1	-10.5233-0.6672i	-12.3385-1.1603i	-0.7417-0.0931i	-0.0709-0.1031i	0.0282+0.0289i	0.1226+0.1606i	0.0446+0.0167i	0.1066+0.0590i
22.2	-10.2084-0.7416i	-12.0864-1.2205i	-0.7240-0.1230i	-0.0685-0.1117i	0.0398+0.0280i	0.1408+0.1757i	0.0354+0.0203i	0.1170+0.0609i
22.3	-10.1698-0.9349i	-11.9224-1.2859i	-0.6865-0.1318i	-0.0724-0.1143i	0.0453+0.0263i	0.1422+0.1707i	0.0325+0.0286i	0.1257+0.0600i
22.4	-10.0411-0.7338i	-11.8049-1.2326i	-0.6929-0.0941i	-0.0874-0.1133i	0.0438+0.0284i	0.1195+0.1575i	0.0316+0.0179i	0.1241+0.0509i
22.5	-9.8021-0.7541i	-11.6340-1.2065i	-0.6462-0.0981i	-0.0899-0.1173i	0.0479+0.0312i	0.1164+0.1706i	0.0247+0.0146i	0.1293+0.0498i
22.6	-9.7154-0.8465i	-11.4383-1.2550i	-0.6254-0.1019i	-0.1002-0.1158i	0.0587+0.0300i	0.1166+0.1963i	0.0229+0.0169i	0.1409+0.0516i
22.7	-9.7321-0.9120i	-11.2959-1.1791i	-0.6486-0.1063i	-0.1010-0.1112i	0.0597+0.0278i	0.1094+0.1937i	0.0207+0.0198i	0.1486+0.0482i
22.8	-9.5323-0.6886i	-11.0666-1.1315i	-0.6070-0.1009i	-0.1018-0.1123i	0.0632+0.0350i	0.0947+0.1992i	0.0173+0.0188i	0.1564+0.0454i
22.9	-9.2914-0.6460i	-10.8983-1.1714i	-0.5973-0.1212i	-0.0947-0.1195i	0.0688+0.0302i	0.0825+0.2135i	0.0191+0.0158i	0.1640+0.0400i
23.0	-9.0849-0.7220i	-10.7578-1.1532i	-0.5698-0.1387i	-0.0926-0.1243i	0.0753+0.0279i	0.0661+0.2644i	0.0137+0.0139i	0.1675+0.0350i
23.1	-8.9738-0.6102i	-10.5531-1.0380i	-0.5131-0.1053i	-0.1059-0.1236i	0.0791+0.0290i	0.0603+0.3321i	0.0086+0.0166i	0.1708+0.0301i
23.2	-8.9026-0.5314i	-10.4012-1.0281i	-0.5014-0.1114i	-0.1071-0.0990i	0.0767+0.0251i	0.0733+0.3931i	0.0061+0.0120i	0.1739+0.0244i
23.3	-8.7380-0.6695i	-10.2614-1.0542i	-0.5262-0.1316i	-0.1051-0.0984i	0.0794+0.0196i	0.1197+0.4388i	0.0078+0.0144i	0.1754+0.0216i
23.4	-8.5690-0.8277i	-10.0260-0.9964i	-0.4812-0.1088i	-0.0917-0.1143i	0.0794+0.0234i	0.2037+0.4883i	-0.0034+0.0097i	0.1788+0.0222i
23.5	-8.6251-0.7002i	-9.8288-1.0335i	-0.4581-0.1368i	-0.1032-0.1025i	0.0781+0.0182i	0.2997+0.4963i	-0.0065+0.0076i	0.1816+0.0202i
23.6	-8.4936-0.7036i	-9.6971-1.0883i	-0.4939-0.1347i	-0.1239-0.1014i	0.0729+0.0093i	0.3942+0.4882i	-0.0033+0.0027i	0.1760+0.0143i
23.7	-8.2623-0.6279i	-9.5078-1.0770i	-0.4766-0.0694i	-0.1043-0.1184i	0.0692+0.0129i	0.4591+0.4360i	-0.0107+0.0017i	0.1821+0.0196i
23.8	-8.1145-0.5773i	-9.3030-1.0649i	-0.4167-0.0633i	-0.0986-0.1066i	0.0675+0.0204i	0.4881+0.3858i	-0.0190+0.0033i	0.1896+0.0245i
23.9	-8.0353-0.5577i	-9.1805-1.0689i	-0.4195-0.0865i	-0.1055-0.0965i	0.0611+0.0224i	0.5126+0.3207i	-0.0242+0.0005i	0.1902+0.0245i
24.0	-7.9943-0.4772i	-8.9849-1.0551i	-0.3597-0.0658i	-0.1202-0.0866i	0.0612+0.0271i	0.5148+0.2597i	-0.0353-0.0005i	0.1949+0.0191i
24.1	-7.8517-0.4773i	-8.8045-1.0045i	-0.3446-0.0434i	-0.1206-0.0830i	0.0650+0.0356i	0.5213+0.2387i	-0.0441+0.0005i	0.2024+0.0232i
24.2	-7.6188-0.4901i	-8.6255-0.9769i	-0.3514-0.0301i	-0.1239-0.0931i	0.0616+0.0349i	0.5215+0.2047i	-0.0513-0.0003i	0.2101+0.0194i
24.3	-7.3427-0.3330i	-8.3587-0.9509i	-0.2426-0.0025i	-0.1223-0.0937i	0.0599+0.0408i	0.5175+0.1770i	-0.0600-0.0029i	0.2159+0.0193i
24.4	-7.2954-0.3590i	-8.2493-1.0062i	-0.1970-0.0647i	-0.1211-0.0707i	0.0648+0.0414i	0.4898+0.1681i	-0.0626-0.0015i	0.2182+0.0168i
24.5	-7.3786-0.2896i	-8.1280-1.0332i	-0.1999-0.0989i	-0.1406-0.0722i	0.0648+0.0394i	0.4785+0.1476i	-0.0651+0.0030i	0.2201+0.0165i

24.6	-7.2033-0.3652i	-7.9594-1.0310i	-0.1669-0.1079i	-0.1468-0.0784i	0.0647+0.0423i	0.4792+0.1363i	-0.0683+0.0043i	0.2260+0.0161i
24.7	-7.0252-0.3001i	-7.7464-0.9899i	-0.1169-0.0970i	-0.1410-0.0869i	0.0687+0.0439i	0.4535+0.1300i	-0.0810+0.0095i	0.2285+0.0106i
24.8	-7.0340-0.3351i	-7.6226-0.9545i	-0.1017-0.0718i	-0.1516-0.0790i	0.0702+0.0443i	0.4408+0.1188i	-0.0877+0.0098i	0.2294+0.0078i
24.9	-6.9332-0.3325i	-7.4564-0.8999i	-0.0943-0.0656i	-0.1517-0.0667i	0.0695+0.0473i	0.4354+0.1120i	-0.0965+0.0053i	0.2405+0.0080i
25.0	-6.7442-0.3423i	-7.2850-0.8994i	-0.0571-0.0607i	-0.1441-0.0565i	0.0701+0.0492i	0.4303+0.1053i	-0.1009+0.0061i	0.2452+0.0059i
25.1	-6.5475-0.3510i	-7.1010-0.9069i	-0.0232-0.0871i	-0.1417-0.0635i	0.0710+0.0492i	0.4253+0.1008i	-0.1057+0.0093i	0.2467+0.0053i
25.2	-6.2698-0.3113i	-6.8582-0.8848i	0.0301-0.0630i	-0.1509-0.0871i	0.0742+0.0557i	0.4171+0.1006i	-0.1148+0.0076i	0.2518+0.0059i
25.3	-6.1817-0.1742i	-6.6644-0.8861i	0.0584-0.0809i	-0.1560-0.0747i	0.0792+0.0549i	0.4061+0.1006i	-0.1270+0.0116i	0.2548+0.0023i
25.4	-6.1414-0.0301i	-6.4704-0.8548i	0.0832-0.0820i	-0.1746-0.0522i	0.0798+0.0529i	0.3993+0.0998i	-0.1356+0.0125i	0.2616+0.0018i
25.5	-6.0830-0.1054i	-6.3423-0.8242i	0.1087-0.0456i	-0.1877-0.0465i	0.0775+0.0523i	0.3939+0.1020i	-0.1393+0.0161i	0.2658+0.0004i
25.6	-5.9432-0.1461i	-6.1758-0.8004i	0.1639-0.0442i	-0.1881-0.0353i	0.0727+0.0484i	0.3871+0.1042i	-0.1448+0.0223i	0.2710+0.0046i
25.7	-5.6379-0.0941i	-5.9705-0.7586i	0.2024-0.0437i	-0.1725-0.0260i	0.0719+0.0483i	0.3758+0.1078i	-0.1541+0.0228i	0.2765+0.0043i
25.8	-5.6475-0.3017i	-5.8302-0.7942i	0.1902-0.0460i	-0.1840-0.0282i	0.0723+0.0506i	0.3677+0.1052i	-0.1654+0.0285i	0.2868+0.0026i
25.9	-5.4833-0.2595i	-5.6033-0.7925i	0.2315-0.0632i	-0.1858-0.0311i	0.0737+0.0537i	0.3635+0.1059i	-0.1677+0.0352i	0.2929-0.0024i
26.0	-5.3245+0.0033i	-5.3705-0.7950i	0.2858-0.0971i	-0.1729-0.0033i	0.0739+0.0564i	0.3560+0.1114i	-0.1776+0.0455i	0.3031-0.0076i
26.1	-5.2302+0.1202i	-5.2558-0.7397i	0.3080-0.0693i	-0.1706+0.0170i	0.0677+0.0570i	0.3485+0.1175i	-0.1828+0.0547i	0.3099-0.0063i
26.2	-5.1408-0.0590i	-5.0805-0.8477i	0.3303-0.1104i	-0.1798+0.0135i	0.0660+0.0615i	0.3419+0.1254i	-0.1851+0.0668i	0.3153-0.0128i
26.3	-5.0424-0.1004i	-4.8519-0.8037i	0.4125-0.1199i	-0.1790+0.0112i	0.0672+0.0629i	0.3324+0.1328i	-0.1855+0.0731i	0.3203-0.0184i
26.4	-4.8401-0.0446i	-4.5910-0.7671i	0.4771-0.1614i	-0.1684+0.0172i	0.0686+0.0644i	0.3154+0.1434i	-0.1849+0.0705i	0.3226-0.0205i
26.5	-4.7751-0.0088i	-4.4442-0.7143i	0.4824-0.1226i	-0.1586+0.0330i	0.0682+0.0703i	0.3139+0.1592i	-0.1855+0.0731i	0.3260-0.0198i
26.6	-4.7603+0.0781i	-4.2706-0.7003i	0.5017-0.0836i	-0.1658+0.0424i	0.0675+0.0720i	0.3046+0.1756i	-0.1854+0.0675i	0.3348-0.0195i
26.7	-4.4952+0.0633i	-4.0887-0.7587i	0.5185-0.1346i	-0.1616+0.0344i	0.0679+0.0701i	0.2949+0.1876i	-0.1835+0.0600i	0.3418-0.0238i
26.8	-4.3933+0.0311i	-3.9572-0.8088i	0.5439-0.1876i	-0.1532+0.0315i	0.0661+0.0667i	0.2941+0.2047i	-0.1895+0.0569i	0.3459-0.0253i
26.9	-4.2841+0.1148i	-3.7648-0.8489i	0.5707-0.2397i	-0.1678+0.0371i	0.0618+0.0668i	0.2832+0.2305i	-0.2009+0.0494i	0.3504-0.0266i
27.0	-4.2622+0.0793i	-3.4516-0.8532i	0.6663-0.2038i	-0.1836+0.0329i	0.0613+0.0714i	0.2792+0.2632i	-0.2053+0.0418i	0.3632-0.0318i
27.1	-3.8964-0.0049i	-3.1907-0.7786i	0.7112-0.1420i	-0.1796+0.0285i	0.0578+0.0723i	0.2863+0.3091i	-0.2156+0.0379i	0.3654-0.0312i
27.2	-3.9410+0.0170i	-3.0088-0.8558i	0.7166-0.1821i	-0.1754+0.0334i	0.0604+0.0748i	0.2985+0.3547i	-0.2351+0.0407i	0.3730-0.0366i
27.3	-3.7252-0.0346i	-2.7373-0.8987i	0.7883-0.2061i	-0.1802+0.0249i	0.0588+0.0779i	0.3342+0.3942i	-0.2598+0.0367i	0.3831-0.0373i
27.4	-3.5701+0.0314i	-2.6330-0.8292i	0.7913-0.2091i	-0.1948+0.0310i	0.0523+0.0776i	0.3757+0.4282i	-0.2777+0.0363i	0.3854-0.0368i
27.5	-3.5804+0.1321i	-2.4048-0.9337i	0.7942-0.1944i	-0.1817+0.0438i	0.0506+0.0821i	0.4337+0.4577i	-0.2878+0.0513i	0.3862-0.0430i
27.6	-3.1375+0.1220i	-2.0477-0.8903i	0.9319-0.1521i	-0.1787+0.0300i	0.0478+0.0852i	0.4861+0.4711i	-0.3065+0.0422i	0.3955-0.0381i
27.7	-2.7685+0.3110i	-1.6409-0.8743i	1.0569-0.1569i	-0.1938+0.0327i	0.0442+0.0861i	0.5323+0.4584i	-0.3395+0.0444i	0.4112-0.0339i
27.8	-2.9135+0.2911i	-1.4929-0.8706i	1.0760-0.1523i	-0.2128+0.0451i	0.0373+0.0866i	0.5882+0.4355i	-0.3692+0.0582i	0.4252-0.0292i
27.9	-3.3945+0.5084i	-1.6400-0.9376i	0.9536-0.1541i	-0.2475+0.0823i	0.0296+0.0925i	0.6263+0.3912i	-0.3752+0.0830i	0.4319-0.0328i
28.0	-3.0808+0.4520i	-1.3949-0.9310i	1.0503-0.1312i	-0.2606+0.0893i	0.0205+0.0962i	0.6509+0.3539i	-0.3846+0.0970i	0.4450-0.0316i
28.1	-2.9520+0.4117i	-1.0851-0.8696i	1.1589-0.1468i	-0.2555+0.0928i	0.0194+0.1082i	0.6699+0.3359i	-0.4032+0.1207i	0.4673-0.0382i
28.2	-3.2806+0.3049i	-0.9398-0.8671i	1.1840-0.1461i	-0.2824+0.0942i	0.0117+0.1157i	0.6850+0.3222i	-0.4192+0.1377i	0.4829-0.0455i
28.3	-2.7494+0.4197i	-0.5739-0.9460i	1.3103-0.1561i	-0.2880+0.1282i	0.0091+0.1214i	0.6970+0.2957i	-0.4395+0.1587i	0.4980-0.0570i
28.4	-2.5604+0.5807i	-0.4395-0.9010i	1.3622-0.1685i	-0.2826+0.1531i	0.0114+0.1268i	0.6887+0.2746i	-0.4416+0.1756i	0.5070-0.0608i
28.5	-2.3453+0.7856i	-0.0603-1.0718i	1.4440-0.2236i	-0.2594+0.1572i	0.0157+0.1328i	0.6968+0.2413i	-0.4462+0.2088i	0.5212-0.0750i
28.6	-1.8627+0.7732i	0.3650-1.1215i	1.5745-0.2260i	-0.2534+0.1825i	0.0178+0.1382i	0.7125+0.2266i	-0.4592+0.2165i	0.5379-0.0817i
28.7	-1.8086+0.8755i	0.5355-1.1024i	1.5877-0.2130i	-0.2870+0.1903i	0.0115+0.1455i	0.7028+0.2149i	-0.4621+0.2245i	0.5525-0.0876i
28.8	-1.1569+0.8617i	1.0164-0.9935i	1.7658-0.1831i	-0.2752+0.2100i	0.0090+0.1527i	0.7018+0.2117i	-0.4836+0.2352i	0.5725-0.0909i
28.9	-1.4058+1.3873i	1.2313-0.7837i	1.8528-0.1157i	-0.2865+0.2454i	0.0032+0.1600i	0.7036+0.2061i	-0.5036+0.2615i	0.5929-0.1040i
29.0	-1.4351+1.4026i	1.4259-0.9924i	1.9732-0.2032i	-0.2916+0.2815i	0.0042+0.1700i	0.6967+0.1938i	-0.5020+0.2799i	0.6028-0.1211i
29.1	-1.1081+1.3205i	1.7705-1.0870i	2.0931-0.2223i	-0.3078+0.2524i	0.0066+0.1727i	0.6860+0.1789i	-0.5061+0.3004i	0.6141-0.1296i
29.2	-0.9896+0.9455i	2.0380-1.2048i	2.0856-0.2983i	-0.2842+0.2472i	0.0025+0.1734i	0.6928+0.1728i	-0.5187+0.3267i	0.6239-0.1382i
29.3	-0.7929+1.2682i	2.4910-1.1197i	2.2103-0.3289i	-0.2797+0.3266i	-0.0019+0.1869i	0.6938+0.1689i	-0.5297+0.3555i	0.6438-0.1529i
29.4	-0.6631+1.8711i	2.5997-0.8717i	2.2557-0.2660i	-0.2919+0.3724i	-0.0139+0.1928i	0.6843+0.1727i	-0.5392+0.3598i	0.6623-0.1551i
29.5	-0.9208+1.5859i	2.8815-1.1835i	2.3783-0.3954i	-0.3104+0.3509i	-0.0129+0.1964i	0.6821+0.1573i	-0.5412+0.3938i	0.6840-0.1761i
29.6	-0.5433+1.3339i	3.3181-1.4075i	2.4879-0.4835i	-0.2938+0.3539i	-0.0144+0.2044i	0.6885+0.1457i	-0.5557+0.4221i	0.7030-0.1923i
29.7	0.2458+1.5596i	3.8104-1.2076i	2.6144-0.3894i	-0.2900+0.3961i	-0.0205+0.2113i	0.6837+0.1632i	-0.5650+0.4335i	0.7206-0.1976i
29.8	0.3712+1.8125i	3.9439-1.4226i	2.6228-0.4857i	-0.2602+0.4253i	-0.0246+0.2191i	0.6675+0.1584i	-0.5490+0.4563i	0.7292-0.2249i
29.9	0.7366+2.1000i	4.3029-1.5414i	2.7628-0.5254i	-0.2412+0.4571i	-0.0337+0.2303i	0.6582+0.1483i	-0.5537+0.4959i	0.7478-0.2434i
30.0	1.5178+1.9447i	4.8387-1.7850i	2.9286-0.6352i	-0.2054+0.4622i	-0.0331+0.2447i	0.6666+0.1527i	-0.5414+0.5169i	0.7552-0.2760i
30.1	2.5366+1.8860i	5.8377-1.9444i	3.3086-0.7574i	-0.1709+0.5022i	-0.0328+0.2672i	0.6718+0.1637i	-0.5415+0.5459i	0.7860-0.3097i
30.2	2.2277+1.9244i	6.1595-2.1363i	3.4331-0.8701i	-0.1884+0.5573i	-0.0368+0.2910i	0.6660+0.1597i	-0.5352+0.5863i	0.8022-0.3457i
30.3	2.0394+1.7591i	6.2688-2.3727i	3.4654-0.8678i	-0.2063+0.4953i	-0.0454+0.2904i	0.6514+0.1951i	-0.5447+0.5994i	0.8159-0.3609i
30.4	3.0475+2.4910i	6.9440-2.2527i	3.6873-0.8626i	-0.1805+0.5443i	-0.0523+0.3194i	0.6555+0.2103i	-0.5546+0.6286i	0.8396-0.3916i
30.5	3.4386+3.4086i	7.5291-1.7751i	3.8221-0.7387i	-0.1597+0.6354i	-0.0555+0.3516i	0.6627+0.2243i	-0.5550+0.6488i	0.8632-0.4085i
30.6	3.7883+2.9928i	8.4039-2.3973i	4.1246-1.0170i	-0.1252+0.6523i	-0.0457+0.3761i	0.6807+0.2286i	-0.5358+0.6952i	0.8802-0.4571i
30.7	3.7607+2.4222i	8.5372-2.8687i	4.1582-1.2061i	-0.1234+0.6541i	-0.0363+0.3909i	0.6783+0.2507i	-0.5150+0.7201i	0.8761-0.4926i
30.8	4.4212+2.5300i	9.0503-3.0675i	4.3593-1.2340i	-0.1222+0.6561i	-0.0305+0.4091i	0.6789+0.2890i	-0.5158+0.7309i	0.8861-0.5278i

30.9	4.8005+1.6400i	9.6224-3.6641i	4.5825-1.5000i	-0.1064+0.6623i	-0.0167+0.4321i	0.7027+0.2958i	-0.5050+0.7644i	0.8872-0.5686i
31.0	5.6160+1.6233i	10.4869-4.3305i	4.8623-1.7100i	-0.0702+0.6819i	0.0056+0.4504i	0.7504+0.3273i	-0.4901+0.7953i	0.8837-0.6138i
31.1	6.5398+1.6023i	11.4063-4.6240i	5.1886-1.8568i	-0.0324+0.6992i	0.0237+0.4721i	0.7755+0.3379i	-0.4850+0.8110i	0.8948-0.6473i
31.2	8.0662+1.4827i	12.1845-5.0676i	5.5068-2.0250i	0.0433+0.6748i	0.0379+0.4794i	0.7829+0.3724i	-0.4829+0.8115i	0.8959-0.6673i
31.3	8.1982+1.5510i	12.6928-5.6635i	5.7373-2.2494i	0.0300+0.7268i	0.0480+0.4948i	0.8396+0.4125i	-0.4718+0.8500i	0.9007-0.7117i
31.4	9.8246+1.5927i	13.9246-5.7721i	6.2029-2.3303i	0.0824+0.7636i	0.0537+0.5072i	0.8858+0.4166i	-0.5024+0.8481i	0.9285-0.7263i
31.5	10.8777-0.0477i	14.8075-7.3227i	6.5820-2.9275i	0.1066+0.7395i	0.0808+0.5188i	0.9645+0.4643i	-0.4973+0.8904i	0.9304-0.7852i
31.6	10.3186+0.0086i	14.8472-7.9132i	6.6214-3.1056i	0.1107+0.7440i	0.0956+0.5196i	1.0280+0.4926i	-0.4768+0.9124i	0.9223-0.8128i
31.7	11.2500-2.1773i	15.7987-9.5741i	7.1192-3.8008i	0.1335+0.7116i	0.1207+0.5269i	1.1145+0.5044i	-0.4761+0.9493i	0.9333-0.8716i
31.8	12.9054-1.9981i	17.7388-9.9541i	8.0164-3.8856i	0.1633+0.7650i	0.1203+0.5592i	1.1919+0.5453i	-0.5303+0.9947i	1.0079-0.9182i
31.9	15.4504-1.1666i	19.5344-9.4215i	8.7919-3.5234i	0.2657+0.7905i	0.1037+0.5730i	1.2783+0.6163i	-0.5895+0.9981i	1.0793-0.9169i
32.0	15.0122-3.5928i	19.1628-12.1904i	8.6884-4.6953i	0.3125+0.7511i	0.1339+0.5729i	1.4650+0.5608i	-0.5330+1.0641i	1.0453-1.0143i
32.1	12.6241-5.2831i	17.6293-14.0934i	8.1325-5.6379i	0.2888+0.7209i	0.1522+0.5593i	1.5680+0.4294i	-0.4751+1.0794i	0.9964-1.0762i
32.2	13.1649-6.2740i	18.3300-15.2409i	8.5640-6.1776i	0.3067+0.7038i	0.1580+0.5716i	1.6409+0.4056i	-0.4922+1.1160i	1.0152-1.1485i
32.3	13.7996-7.6140i	18.9439-17.4674i	8.9953-7.2519i	0.3580+0.6865i	0.1837+0.5990i	1.8002+0.2787i	-0.4881+1.1983i	1.0206-1.2814i
32.4	13.8311-11.4325i	19.5440-22.3191i	9.5523-9.5524i	0.3898+0.6210i	0.2277+0.6355i	2.0375+0.0274i	-0.4784+1.3418i	1.0087-1.5139i
32.5	13.3462-14.7917i	18.5926-25.4830i	9.2252-11.1781i	0.3885+0.5280i	0.2541+0.6328i	2.0989-0.2068i	-0.4454+1.4115i	0.9332-1.6434i
32.6	11.3678-18.3773i	17.1536-29.6262i	8.7756-13.3615i	0.3453+0.4692i	0.3003+0.6464i	2.1287-0.5474i	-0.3818+1.5421i	0.8034-1.8297i
32.7	8.5658-18.1430i	14.1455-31.2286i	7.4066-14.5015i	0.2799+0.5041i	0.3242+0.6379i	2.0066-0.8099i	-0.3000+1.5969i	0.6419-1.9070i
32.8	7.7382-21.0288i	13.2026-33.7895i	6.9732-15.8824i	0.2129+0.4808i	0.3463+0.6685i	1.9103-1.0561i	-0.2991+1.7164i	0.5464-2.0281i
32.9	3.5350-20.6112i	9.1387-34.5858i	4.9964-16.5569i	0.1001+0.5124i	0.3702+0.6417i	1.6691-1.1758i	-0.2004+1.7477i	0.3651-2.0136i
33.0	0.5498-20.7104i	5.3174-36.5916i	3.0745-17.9038i	0.0467+0.6220i	0.4124+0.6480i	1.4280-1.3414i	-0.0631+1.9082i	0.1559-2.0925i
33.1	-1.3204-23.3973i	4.1314-40.1841i	2.5450-19.9462i	0.0230+0.7577i	0.4546+0.7276i	1.3427-1.5285i	0.0174+2.2011i	0.0517-2.2932i
33.2	-5.9291-21.8952i	-2.6990-41.1342i	-1.0784-20.9144i	0.1574+0.9663i	0.5633+0.7291i	0.9171-1.6246i	0.4192+2.3520i	-0.3178-2.3198i
33.3	-9.7409-19.1222i	-8.3176-39.9918i	-4.1438-20.6005i	0.3062+1.0250i	0.6582+0.6808i	0.6318-1.5549i	0.7943+2.2993i	-0.6202-2.2219i
33.4	-10.8239-16.0148i	-11.6116-36.8812i	-6.1488-19.1707i	0.4845+1.0402i	0.7104+0.6342i	0.4443-1.3983i	1.0796+2.1568i	-0.7994-2.0540i
33.5	-12.0287-13.5317i	-14.8804-34.7684i	-8.1030-18.3138i	0.6915+1.0365i	0.8012+0.5742i	0.2509-1.2892i	1.3988+2.0034i	-1.0256-1.9163i
33.6	-11.0014-10.5577i	-14.2651-31.1235i	-8.0532-16.4881i	0.7359+0.9962i	0.7868+0.5388i	0.2875-1.1325i	1.4154+1.8173i	-0.9963-1.7569i
33.7	-11.3946-10.3115i	-15.2523-29.5651i	-8.7991-15.6366i	0.8218+0.8769i	0.8286+0.4828i	0.2624-1.0325i	1.5513+1.6330i	-1.0866-1.6256i
33.8	-10.3080-5.7942i	-16.2212-24.3491i	-9.5048-12.9503i	0.8180+0.7656i	0.7635+0.3559i	0.2319-0.8235i	1.5030+1.2399i	-1.0529-1.2969i
33.9	-9.9763-2.3365i	-17.2051-20.5801i	-10.2298-11.0474i	0.7944+0.6530i	0.7259+0.2473i	0.2014-0.6746i	1.4759+0.9237i	-1.0481-1.0427i
34.0	-8.6963-0.3355i	-17.9774-17.9617i	-10.8584-9.6740i	0.8055+0.5370i	0.7009+0.1545i	0.1569-0.5694i	1.4427+0.6669i	-1.0544-0.8423i
34.1	-7.5202-0.3654i	-17.2007-16.5197i	-10.5327-8.8522i	0.7426+0.4635i	0.6541+0.1328i	0.1861-0.5253i	1.3317+0.5619i	-0.9701-0.7609i
34.2	-6.6430-0.2076i	-15.9028-15.8040i	-10.0129-8.4179i	0.6947+0.4505i	0.6210+0.1443i	0.2198-0.4880i	1.2251+0.5428i	-0.8870-0.7496i
34.3	-6.6039-0.7946i	-16.6817-15.3565i	-10.6601-8.1264i	0.6751+0.4089i	0.6344+0.1028i	0.2095-0.4280i	1.2224+0.4493i	-0.9508-0.6720i
34.4	-6.1793-0.0140i	-16.8358-13.7844i	-10.9108-7.2798i	0.6648+0.4048i	0.6036+0.0687i	0.2187-0.3680i	1.1628+0.3628i	-0.9297-0.5807i
34.5	-4.0358+1.2608i	-16.0144-11.7628i	-10.7002-6.1660i	0.6656+0.4199i	0.5445+0.0340i	0.2520-0.3046i	1.0600+0.2778i	-0.8489-0.4671i
34.6	-2.8779+1.3587i	-14.1799-10.7319i	-9.7980-5.6352i	0.6091+0.4619i	0.4808+0.0639i	0.3354-0.2878i	0.9450+0.3051i	-0.7186-0.4651i
34.7	-0.2285+1.8721i	-12.1989-9.2561i	-8.9147-4.8295i	0.6165+0.4894i	0.4014+0.0817i	0.3780-0.2404i	0.8097+0.3072i	-0.5662-0.4445i
34.8	-0.5661+3.3429i	-12.9701-7.2384i	-9.3627-3.5822i	0.6116+0.4583i	0.3539+0.0111i	0.3894-0.2072i	0.7630+0.1583i	-0.5446-0.2636i
34.9	-0.3244+3.2329i	-12.5227-7.0864i	-9.2100-3.4192i	0.6460+0.4478i	0.3393+0.0096i	0.4184-0.2136i	0.7476+0.1400i	-0.5322-0.2470i
35.0	0.1222+2.6449i	-12.0898-7.1399i	-9.0823-3.3531i	0.6842+0.4343i	0.3267+0.0158i	0.4402-0.2075i	0.7364+0.1334i	-0.5156-0.2466i
35.1	1.3924+2.8054i	-11.4643-5.9944i	-8.8107-2.7708i	0.6772+0.4195i	0.2752+0.0102i	0.4393-0.2047i	0.6469+0.0820i	-0.4327-0.1819i
35.2	1.3410+3.1099i	-11.2522-5.5274i	-8.7102-2.5271i	0.6717+0.4096i	0.2489+0.0037i	0.4507-0.2109i	0.6112+0.0489i	-0.3918-0.1372i
35.3	1.9796+3.1080i	-10.8196-4.9008i	-8.5396-2.1720i	0.6548+0.3843i	0.2109+0.0008i	0.4707-0.1842i	0.5483+0.0251i	-0.3303-0.1028i
35.4	2.0409+2.3475i	-9.7469-4.9563i	-7.9874-2.2839i	0.6571+0.4162i	0.1850+0.0711i	0.5087-0.1866i	0.4930+0.1010i	-0.2675-0.1776i
35.5	2.2649+1.8276i	-8.7338-4.9810i	-7.4705-2.3538i	0.6489+0.4157i	0.1635+0.1431i	0.5439-0.1921i	0.4371+0.1728i	-0.2024-0.2673i
35.6	3.0354+2.3230i	-8.3242-4.1406i	-7.3159-1.8467i	0.6244+0.3874i	0.1221+0.1320i	0.5566-0.1862i	0.3692+0.1313i	-0.1271-0.2094i
35.7	3.5208+1.8024i	-7.6884-4.4826i	-7.1171-2.0299i	0.6439+0.4295i	0.1341+0.1788i	0.5911-0.2035i	0.3754+0.1892i	-0.1350-0.2669i
35.8	3.6059+1.3566i	-6.5470-3.9975i	-6.4980-1.8176i	0.5911+0.4696i	0.0713+0.2592i	0.6633-0.2011i	0.2785+0.2762i	-0.0155-0.3434i
35.9	3.4187+0.7580i	-6.1519-4.1902i	-6.3705-1.9831i	0.5914+0.4609i	0.0713+0.2915i	0.6696-0.2331i	0.2779+0.3074i	-0.0013-0.3741i
36.0	4.6028+1.2302i	-5.4119-4.0794i	-6.1577-1.9839i	0.6455+0.4715i	0.0704+0.3209i	0.6908-0.2418i	0.2760+0.3255i	0.0178-0.3991i
36.1	5.2657+1.6829i	-5.4791-3.9074i	-6.3263-1.9552i	0.6790+0.4513i	0.0703+0.3124i	0.7100-0.2615i	0.2770+0.2930i	0.0201-0.3742i
36.2	5.2365+1.7616i	-5.1416-2.6605i	-6.1504-1.2482i	0.5928+0.4461i	-0.0250+0.3264i	0.7310-0.2190i	0.1419+0.3100i	0.1601-0.3567i
36.3	5.6005+1.6730i	-4.7919-2.5066i	-6.0574-1.1191i	0.5850+0.4427i	-0.0489+0.3339i	0.7424-0.2364i	0.1179+0.3083i	0.1990-0.3535i
36.4	5.8268+2.0618i	-4.1009-2.3216i	-5.9143-1.1373i	0.5982+0.4865i	-0.0497+0.3917i	0.7973-0.2713i	0.1335+0.3543i	0.2176-0.4109i
36.5	5.9535+1.5718i	-3.8306-2.6184i	-5.8933-1.2997i	0.6156+0.4859i	-0.0204+0.4227i	0.7893-0.3183i	0.1638+0.3745i	0.1920-0.4494i
36.6	6.0431+1.3957i	-3.5090-2.7935i	-5.7833-1.3256i	0.6174+0.4854i	-0.0002+0.4677i	0.7957-0.3881i	0.1651+0.4061i	0.1735-0.4894i
36.7	5.7330+2.1228i	-3.4660-2.3343i	-5.7868-1.1415i	0.5763+0.5441i	-0.0338+0.4888i	0.8131-0.4208i	0.1288+0.4341i	0.2260-0.4834i
36.8	5.9048+1.1936i	-2.9484-2.7880i	-5.6398-1.3517i	0.5822+0.5452i	-0.0073+0.5484i	0.8125-0.4850i	0.1501+0.5004i	0.2178-0.5423i
36.9	7.0547+1.1363i	-2.3143-2.3949i	-5.5483-1.1156i	0.5895+0.5592i	-0.0520+0.6005i	0.8364-0.4996i	0.1017+0.5368i	0.2836-0.5875i
37.0	7.7208+1.4110i	-1.7769-2.0089i	-5.3064-0.9250i	0.5841+0.6397i	-0.0891+0.6666i	0.8483-0.5593i	0.0621+0.6060i	0.3538-0.6405i
37.1	8.0204+0.9701i	-1.3701-1.9767i	-5.0989-0.8967i	0.6055+0.6670i	-0.0841+0.7515i	0.8368-0.6306i	0.0645+0.6897i	0.3788-0.7147i

37.2	8.0050+0.7759i	-0.9101-2.2421i	-4.9920-1.0258i	0.6713+0.7378i	-0.0203+0.8148i	0.7757-0.7036i	0.1407+0.7502i	0.3367-0.7775i
37.3	8.7703+0.4093i	-0.5572-2.3641i	-4.9374-1.0626i	0.7236+0.7513i	0.0174+0.8483i	0.7128-0.7593i	0.1839+0.7708i	0.3211-0.8056i
37.4	8.8508+0.9330i	-0.5557-1.8973i	-4.9530-0.8535i	0.7732+0.8073i	-0.0180+0.8741i	0.6687-0.7998i	0.1859+0.7955i	0.3898-0.8156i
37.5	9.3517+0.7656i	-0.1494-1.5344i	-4.8246-0.7388i	0.8506+0.7935i	0.0112+0.9442i	0.5946-0.8493i	0.2479+0.8171i	0.3975-0.8809i
37.6	10.0624+0.3159i	0.5865-1.4717i	-4.5655-0.7576i	0.9181+0.7834i	0.0584+1.0258i	0.5344-0.9157i	0.3013+0.8564i	0.3942-0.9596i
37.7	9.5508-0.0621i	0.8327-2.0292i	-4.5566-1.1251i	0.9571+0.7578i	0.1736+1.0635i	0.3779-0.9341i	0.3986+0.8570i	0.3152-1.0268i
37.8	9.7692+0.2334i	0.9811-2.1162i	-4.6491-1.1069i	1.0116+0.7585i	0.2380+1.1083i	0.2799-0.9168i	0.4441+0.8658i	0.2865-1.1006i
37.9	10.1929-0.2581i	1.2677-2.0418i	-4.7410-0.9756i	1.0179+0.7473i	0.2726+1.1246i	0.1961-0.8609i	0.4592+0.8621i	0.2918-1.1260i
38.0	10.1656-0.0383i	1.6342-1.9874i	-4.6502-0.9266i	1.0690+0.7733i	0.3256+1.1539i	0.0775-0.8368i	0.5191+0.8657i	0.2834-1.1734i
38.1	9.7399+0.7145i	1.6756-1.4252i	-4.6952-0.6988i	1.1083+0.8124i	0.3126+1.1718i	0.0250-0.7794i	0.5461+0.8655i	0.3393-1.2164i
38.2	9.9201+0.0548i	2.3475-1.6171i	-4.4101-0.7394i	1.1908+0.7703i	0.4198+1.2235i	-0.0951-0.6955i	0.6349+0.8610i	0.2793-1.3276i
38.3	10.5169+0.4921i	2.6454-1.5831i	-4.4153-0.7050i	1.2574+0.7410i	0.4821+1.2024i	-0.1742-0.5964i	0.6885+0.8111i	0.2401-1.3521i
38.4	10.6464+0.6420i	2.8382-1.3045i	-4.4443-0.5344i	1.2879+0.7096i	0.4872+1.1901i	-0.1635-0.4963i	0.7023+0.7779i	0.2354-1.3914i
38.5	10.5422+0.0972i	2.9982-1.3159i	-4.4202-0.4585i	1.2983+0.6651i	0.5032+1.2086i	-0.1710-0.4134i	0.7176+0.7643i	0.2203-1.4783i
38.6	10.6260-0.5976i	3.1393-1.6578i	-4.3904-0.6086i	1.3200+0.5914i	0.5626+1.1926i	-0.1887-0.2796i	0.7407+0.7033i	0.1504-1.5317i
38.7	11.2143-0.5153i	3.5709-1.7444i	-4.2851-0.6589i	1.3912+0.5542i	0.6120+1.2051i	-0.1586-0.2171i	0.7756+0.6632i	0.0707-1.6103i
38.8	11.7591-0.1512i	4.0659-1.4452i	-4.1885-0.5800i	1.4166+0.5713i	0.6218+1.2433i	-0.1035-0.1360i	0.7989+0.6656i	0.0353-1.6889i
38.9	11.7910+0.0650i	4.1013-1.3329i	-4.2460-0.4425i	1.4600+0.5594i	0.6292+1.2496i	-0.0309-0.0522i	0.8229+0.6396i	-0.0290-1.7133i
39.0	11.8617+0.0519i	4.3424-1.5779i	-4.2097-0.5445i	1.5345+0.4819i	0.6892+1.2369i	0.0034-0.0057i	0.8653+0.5623i	-0.1403-1.7395i
39.1	11.7731-0.2308i	4.6886-1.5657i	-4.0750-0.6107i	1.5858+0.4587i	0.7593+1.2863i	0.0468+0.0588i	0.9119+0.5449i	-0.2524-1.8043i
39.2	11.9474+0.2540i	4.9463-1.3516i	-3.9827-0.5172i	1.6079+0.4192i	0.8043+1.3057i	0.0857+0.0964i	0.9320+0.4992i	-0.3464-1.8278i
39.3	11.7559+0.9836i	4.9128-1.1848i	-4.0266-0.4853i	1.6174+0.3703i	0.8566+1.2953i	0.1454+0.1162i	0.9514+0.4399i	-0.4502-1.8006i
39.4	11.5514+0.4356i	5.1038-1.3657i	-4.0344-0.5851i	1.6124+0.2742i	0.9214+1.3078i	0.2068+0.1534i	0.9716+0.3821i	-0.5588-1.8160i
39.5	11.4339+0.0322i	5.3504-1.2666i	-3.9973-0.5743i	1.6422+0.1954i	0.9747+1.3189i	0.2659+0.1746i	0.9947+0.3158i	-0.6344-1.8006i
39.6	12.2015-0.3153i	5.9904-1.3666i	-3.8177-0.6960i	1.6873+0.0830i	1.0747+1.3180i	0.2864+0.1561i	1.0035+0.2252i	-0.7608-1.7682i
39.7	12.8361-0.3804i	6.3489-1.3902i	-3.7404-0.6485i	1.6594+0.0238i	1.1117+1.2995i	0.2899+0.1669i	0.9752+0.1640i	-0.7891-1.7189i
39.8	13.0604-0.3427i	6.6014-1.2809i	-3.8044-0.5815i	1.6115-0.0459i	1.1902+1.3108i	0.3726+0.2082i	0.9298+0.1091i	-0.8789-1.7432i
39.9	12.6377-0.5429i	6.6364-1.2525i	-3.9097-0.6429i	1.5801-0.0975i	1.2489+1.2706i	0.4516+0.1864i	0.8963+0.0578i	-0.9791-1.6847i
40.0	12.4886-0.8849i	6.8015-1.4037i	-3.9023-0.6650i	1.5072-0.1531i	1.3148+1.2289i	0.4831+0.1674i	0.8503+0.0199i	-1.0636-1.6175i
40.1	12.8565-0.7455i	7.0939-1.2506i	-3.8288-0.6112i	1.4656-0.1865i	1.3412+1.2005i	0.5294+0.1550i	0.8076-0.0021i	-1.0925-1.5636i
40.2	13.4471-0.2463i	7.6787-0.8685i	-3.6627-0.5677i	1.4552-0.2189i	1.4070+1.2037i	0.5506+0.1657i	0.7920-0.0366i	-1.1465-1.5423i
40.3	13.6735-0.2362i	7.9813-0.9502i	-3.6681-0.6297i	1.4013-0.2376i	1.4734+1.1465i	0.5688+0.1341i	0.7606-0.0658i	-1.2062-1.4758i
40.4	13.5331-0.2506i	7.9990-1.1697i	-3.9416-0.6611i	1.3752-0.2494i	1.4646+1.0523i	0.5946+0.1075i	0.7106-0.0927i	-1.2063-1.3593i
40.5	13.4228-0.6100i	8.2442-1.1688i	-3.9605-0.7426i	1.3596-0.2622i	1.4833+1.0089i	0.6275+0.1217i	0.6712-0.1149i	-1.2322-1.3066i
40.6	13.7759+0.4108i	8.5988-0.7342i	-3.7555-0.5905i	1.3499-0.2575i	1.5019+1.0098i	0.6437+0.1006i	0.6502-0.1385i	-1.2458-1.2834i
40.7	13.8202-0.2531i	8.9766-0.9365i	-3.6218-0.6417i	1.3080-0.2905i	1.5533+0.9826i	0.6596+0.0797i	0.6207-0.1565i	-1.2866-1.2221i
40.8	14.5431-0.7293i	9.3850-0.9865i	-3.7283-0.6247i	1.2641-0.3271i	1.5384+0.9628i	0.6717+0.0919i	0.5646-0.1778i	-1.2725-1.1844i
40.9	14.8887-1.0750i	9.7413-1.0933i	-3.8445-0.6819i	1.2641-0.3838i	1.5678+0.9370i	0.7238+0.0828i	0.5355-0.2170i	-1.3009-1.1539i
41.0	14.3913-0.6871i	9.7661-1.2520i	-3.9412-0.7436i	1.1802-0.4045i	1.6111+0.8502i	0.7606+0.0331i	0.4880-0.2495i	-1.3692-1.0303i
41.1	14.4654+0.2349i	10.0697-1.1182i	-3.9590-0.7334i	1.0870-0.3399i	1.6118+0.7975i	0.7621+0.0125i	0.4256-0.2388i	-1.3341-0.9473i
41.2	15.3290+0.0133i	10.6519-0.7344i	-3.8023-0.5760i	1.1035-0.3146i	1.6383+0.8414i	0.8045+0.0150i	0.3801-0.2265i	-1.3304-0.9998i
41.3	15.6863+0.1218i	10.7772-0.8374i	-3.8656-0.5400i	1.0877-0.3194i	1.6285+0.8148i	0.8037-0.0122i	0.3353-0.2321i	-1.3195-0.9982i
41.4	15.8896+0.1329i	10.8815-0.8995i	-4.0493-0.3870i	1.0500-0.3231i	1.6257+0.7809i	0.8133-0.0449i	0.2943-0.2331i	-1.3179-0.9458i
41.5	15.3878-0.1755i	11.0094-1.0119i	-3.9879-0.3941i	1.0014-0.3387i	1.6542+0.7601i	0.8459-0.0628i	0.2682-0.2268i	-1.3385-0.8996i
41.6	16.1988-0.1431i	11.4815-0.9206i	-3.9421-0.4810i	0.9583-0.3346i	1.6691+0.7570i	0.8716-0.0823i	0.2134-0.2157i	-1.3405-0.8893i
41.7	15.9886+0.1498i	11.6512-0.6031i	-4.0369-0.3886i	0.9335-0.2793i	1.6511+0.7449i	0.8799-0.1019i	0.1877-0.1949i	-1.3257-0.8561i
41.8	15.8996-0.1132i	11.9963-0.7967i	-3.9640-0.4557i	0.8809-0.2824i	1.6856+0.7020i	0.8881-0.1289i	0.1262-0.1905i	-1.3379-0.8092i
41.9	17.5458-0.1278i	13.0224-0.8782i	-3.6720-0.5159i	0.9403-0.2517i	1.7654+0.7058i	0.9039-0.1501i	0.1034-0.1774i	-1.3687-0.8172i
42.0	18.7356-0.4817i	13.4672-0.9599i	-3.7067-0.3924i	0.9960-0.2462i	1.7309+0.6759i	0.8826-0.1704i	0.1157-0.1498i	-1.3306-0.7678i
42.1	18.7998-0.7196i	13.4743-0.8644i	-3.6860-0.3545i	1.0083-0.2732i	1.7172+0.6879i	0.8865-0.1736i	0.1160-0.1709i	-1.3035-0.7465i
42.2	18.3486-0.5453i	13.8312-0.6818i	-3.6018-0.2985i	0.9653-0.2714i	1.7955+0.7110i	0.9239-0.1895i	0.0731-0.1754i	-1.3390-0.7783i
42.3	18.2411+0.2198i	14.0779-0.7474i	-3.7307-0.3783i	0.9455-0.2213i	1.8266+0.6510i	0.9392-0.2087i	0.0292-0.1444i	-1.3510-0.7404i
42.4	18.3258+0.1863i	14.4272-0.8578i	-3.6457-0.5274i	0.9388-0.1703i	1.8192+0.6157i	0.9572-0.2451i	0.0274-0.1081i	-1.3060-0.7021i
42.5	18.6525-0.1126i	14.7720-0.6828i	-3.4798-0.2650i	1.0053-0.2164i	1.8477+0.6489i	0.9440-0.2888i	0.0448-0.1264i	-1.3357-0.7912i
42.6	19.1301-0.0825i	15.2566-0.6373i	-3.4304-0.3188i	1.0178-0.2200i	1.8660+0.6321i	0.9155-0.2867i	0.0191-0.1507i	-1.3705-0.7586i
42.7	19.4827-0.4645i	15.3881-0.6662i	-3.5885-0.2813i	0.9790-0.2140i	1.8798+0.5978i	0.9084-0.3203i	-0.0434-0.1354i	-1.3835-0.7136i
42.8	20.0757-0.4562i	15.4244-0.6352i	-3.8843-0.0970i	0.9075-0.1699i	1.8887+0.5726i	0.9141-0.3237i	-0.1173-0.0811i	-1.4181-0.6847i
42.9	20.4569-0.3292i	15.9690-0.4391i	-3.6658+0.0110i	0.9619-0.1322i	1.8910+0.5635i	0.9021-0.3184i	-0.0886-0.0330i	-1.3739-0.6407i
43.0	21.1875-0.4089i	16.8818-0.6558i	-3.4316-0.2757i	1.0695-0.1854i	1.9378+0.5342i	0.9058-0.3342i	-0.0744-0.0671i	-1.3809-0.6378i
43.1	21.0182+0.0442i	17.1191-0.7518i	-3.3932-0.3981i	1.0560-0.1846i	1.9483+0.4849i	0.9062-0.3361i	-0.0698-0.0616i	-1.3786-0.6244i
43.2	21.4199-0.0754i	17.3153-0.6846i	-3.4304-0.2732i	1.0401-0.2291i	1.9154+0.4969i	0.9030-0.3346i	-0.0666-0.0870i	-1.3354-0.6392i
43.3	22.1417-0.3712i	17.9376-0.7560i	-3.4466-0.3374i	1.0407-0.2769i	1.9445+0.4993i	0.9300-0.3724i	-0.1023-0.1046i	-1.3799-0.6513i
43.4	21.8186+0.1985i	17.8822-0.5094i	-3.7947-0.2211i	0.9993-0.2259i	1.9509+0.4877i	0.9402-0.4003i	-0.1370-0.0944i	-1.4477-0.6492i

43.5	22.5045-0.9353i	18.3161-0.8363i	-3.9011-0.2464i	1.0177-0.2646i	1.9675+0.4786i	0.9454-0.4408i	-0.1619-0.0944i	-1.4783-0.5572i
43.6	23.5663-0.6768i	19.0369-0.8702i	-3.6555-0.2674i	1.0569-0.2914i	1.9929+0.5003i	0.9656-0.4286i	-0.1793-0.1073i	-1.4107-0.5495i
43.7	23.8559-1.0414i	19.1656-0.6874i	-3.8057+0.0718i	1.0598-0.3389i	1.9926+0.5471i	0.9604-0.4420i	-0.2044-0.1430i	-1.3859-0.6336i
43.8	22.7838-0.3191i	19.1290-0.7228i	-3.8837-0.2260i	0.9331-0.3338i	2.0465+0.5131i	0.9533-0.4641i	-0.2659-0.1568i	-1.5170-0.6380i
43.9	23.4466-0.1250i	20.0192-0.6013i	-3.6486-0.2220i	0.8567-0.3243i	2.1383+0.5124i	0.9721-0.4824i	-0.3495-0.1450i	-1.6306-0.5863i
44.0	24.3752+0.0431i	20.5421-0.8766i	-3.8317-0.1566i	0.7720-0.2485i	2.1913+0.4544i	0.9756-0.5283i	-0.4440-0.0993i	-1.6340-0.4494i
44.1	24.3428-0.2914i	20.5247-0.7097i	-3.9061+0.2261i	0.7594-0.1036i	2.2013+0.4263i	0.9399-0.5538i	-0.4748+0.0253i	-1.6023-0.3769i
44.2	24.8139-0.7317i	21.3644-0.8753i	-3.7343+0.0973i	0.8469-0.1126i	2.2364+0.4032i	0.9544-0.5620i	-0.4609+0.0416i	-1.5632-0.3140i
44.3	26.1999-0.8985i	21.8242-1.0894i	-3.8353+0.1506i	0.8562-0.1338i	2.2562+0.3662i	0.9862-0.6184i	-0.4783+0.0619i	-1.4785-0.2741i
44.4	26.0454-0.8313i	21.9280-1.2669i	-3.4845+0.1905i	0.9088-0.0780i	2.2543+0.3114i	0.9185-0.6641i	-0.4385+0.1105i	-1.4072-0.3373i
44.5	25.6773-0.8085i	22.0860-1.1464i	-3.2945+0.0512i	0.9082-0.0520i	2.2463+0.3035i	0.8478-0.6364i	-0.4231+0.0900i	-1.4552-0.3957i
44.6	25.6604-1.6431i	22.3783-1.3174i	-3.5253+0.1828i	0.8352-0.0434i	2.2774+0.3000i	0.8479-0.6403i	-0.4690+0.1118i	-1.4834-0.3957i
44.7	25.8341-1.6627i	22.7850-1.4314i	-3.4527+0.2118i	0.8522-0.0722i	2.3233+0.2780i	0.8107-0.6821i	-0.5007+0.1097i	-1.5474-0.3757i
44.8	26.3058-1.2379i	23.2833-1.1727i	-3.4119+0.1579i	0.9125-0.0959i	2.3386+0.2557i	0.7713-0.6407i	-0.4982+0.1019i	-1.5682-0.3253i
44.9	26.2275-1.4858i	23.7634-1.0357i	-3.4779+0.1890i	0.8379-0.0905i	2.3662+0.2508i	0.8071-0.6043i	-0.5348+0.1044i	-1.6117-0.2784i
45.0	26.6369-0.6568i	24.1254-0.7805i	-3.5017-0.0775i	0.7905+0.0083i	2.3685+0.2060i	0.8208-0.6014i	-0.5378+0.1626i	-1.5597-0.1706i
45.1	27.0868-1.0846i	24.5806-1.2255i	-3.6228-0.0512i	0.8435-0.0128i	2.3981+0.1956i	0.8178-0.6049i	-0.5521+0.1461i	-1.5026-0.1695i
45.2	27.8665-2.0216i	24.9695-1.5961i	-3.6053-0.0908i	0.8860-0.0871i	2.4349+0.1928i	0.8357-0.6141i	-0.6039+0.1272i	-1.5018-0.2019i
45.3	28.6006-1.4670i	25.5057-1.3007i	-3.6160+0.1569i	0.9485+0.0161i	2.4640+0.2194i	0.8838-0.6242i	-0.6277+0.1363i	-1.4997-0.2214i
45.4	29.9788-0.7167i	26.6415-1.1351i	-3.0373+0.0011i	1.0497+0.0397i	2.6088+0.2130i	0.8915-0.6662i	-0.6893+0.1104i	-1.5842-0.2880i
45.5	29.9305-1.0830i	27.1017-1.0679i	-3.3282+0.0688i	1.0028+0.0403i	2.6362+0.1603i	0.8969-0.6641i	-0.7372+0.1861i	-1.6537-0.1810i
45.6	30.4469-1.7661i	27.3288-1.1699i	-3.5886+0.4740i	1.0242+0.0887i	2.6035+0.1464i	0.8774-0.6932i	-0.6909+0.2191i	-1.5344-0.1377i
45.7	31.2045-1.8749i	27.9026-1.2068i	-3.2532+0.5599i	1.0421+0.0027i	2.6949+0.1453i	0.8489-0.7082i	-0.7830+0.1609i	-1.5927-0.2166i
45.8	31.5798-1.3326i	28.5567-1.1404i	-3.2786+0.5236i	1.0499+0.0278i	2.7501+0.1068i	0.8732-0.7119i	-0.8209+0.2045i	-1.6392-0.1421i
45.9	29.7778-1.2366i	28.4172-1.4480i	-3.5093+0.4109i	1.0819+0.0744i	2.7106+0.0594i	0.9065-0.7332i	-0.7476+0.2474i	-1.5469-0.0602i
46.0	31.2016-2.6579i	29.1090-1.8499i	-3.3697+0.7240i	1.1653+0.0118i	2.7613+0.0601i	0.9295-0.7706i	-0.7863+0.2325i	-1.4994-0.0954i
46.1	32.8355-2.4671i	30.1147-2.1051i	-3.0102+0.6545i	1.2761-0.0481i	2.8544+0.0160i	0.9285-0.8139i	-0.8049+0.1893i	-1.4673-0.1563i
46.2	32.3735-1.9214i	30.3980-1.9982i	-2.6090+0.2479i	1.1831-0.1880i	2.9928-0.0196i	0.8917-0.8697i	-0.9523+0.0947i	-1.6325-0.2977i
46.3	32.4908-1.5745i	30.5323-1.6194i	-2.8031+0.5828i	1.0627-0.1475i	3.0601-0.0325i	0.8818-0.8606i	-1.1277+0.1521i	-1.8320-0.2334i
46.4	34.3789-1.3208i	31.6087-1.6818i	-2.8685+0.8066i	1.0977-0.1030i	3.1072-0.1107i	0.9184-0.9117i	-1.1585+0.2333i	-1.8046+0.0046i
46.5	34.2051-2.3664i	31.8857-2.0653i	-2.6075+1.0777i	1.0487-0.2193i	3.1801-0.1778i	0.8589-0.9641i	-1.2683+0.2529i	-1.7021-0.0006i
46.6	34.1954-2.6319i	32.1291-2.0051i	-2.4017+0.8460i	0.9904-0.1371i	3.2200-0.2652i	0.8215-0.9329i	-1.3657+0.3748i	-1.7158-0.0333i
46.7	35.3235-2.2571i	32.7219-1.9703i	-2.4836+0.6068i	0.9587-0.0587i	3.2503-0.3349i	0.8345-0.9399i	-1.4287+0.4661i	-1.7709-0.0356i
46.8	36.4725-2.1442i	33.4737-2.0500i	-2.8296+0.3540i	0.9955+0.0658i	3.2318-0.4469i	0.8592-0.9336i	-1.3981+0.6386i	-1.8008+0.0803i
46.9	36.7889-2.6003i	33.9137-2.2168i	-2.8846+0.3125i	1.1559+0.0809i	3.2217-0.5073i	0.8912-0.9827i	-1.3075+0.6779i	-1.7476+0.1527i
47.0	37.0868-3.8954i	34.7766-3.0606i	-2.2559+0.2249i	1.1804-0.1028i	3.3107-0.6047i	0.8373-1.1006i	-1.3237+0.6553i	-1.7128+0.1606i
47.1	37.4972-3.6075i	35.2998-3.0586i	-2.1766+0.7735i	1.1606-0.1613i	3.3565-0.6238i	0.7701-1.0841i	-1.4057+0.6372i	-1.7201+0.0845i
47.2	38.4216-3.5760i	36.3681-2.8680i	-1.5845+0.5417i	1.1068-0.1277i	3.4428-0.7102i	0.8057-1.0291i	-1.5268+0.7344i	-1.8647+0.0322i
47.3	40.1551-3.0762i	37.5187-2.4208i	-1.5838+0.0911i	1.1436-0.0854i	3.5481-0.7577i	0.8775-1.0972i	-1.6151+0.7702i	-2.0152+0.0720i
47.4	39.2287-3.4807i	38.0365-2.3852i	-1.6471+0.1008i	1.0603+0.0179i	3.6148-0.8187i	0.9200-1.1660i	-1.6434+0.8846i	-2.1447+0.2004i
47.5	38.5002-4.3011i	37.9784-3.2819i	-2.2662-0.2123i	0.9873+0.0035i	3.5853-0.9721i	0.8934-1.2618i	-1.6696+0.9969i	-2.1511+0.3919i
47.6	39.2329-4.1904i	38.4380-3.6735i	-2.3227+0.1556i	1.0261+0.0594i	3.6020-1.0615i	0.8303-1.3238i	-1.7036+1.0616i	-2.0945+0.5591i
47.7	39.7556-4.9145i	38.8231-3.9003i	-2.7069+0.8687i	0.9999-0.0015i	3.6143-1.1114i	0.7638-1.4090i	-1.7767+1.1035i	-1.9615+0.6420i
47.8	40.3377-5.6397i	39.3276-4.5769i	-2.4352+0.1430i	1.0459+0.0001i	3.6170-1.3166i	0.6911-1.4228i	-1.7890+1.2832i	-1.8593+0.6958i
47.9	40.8260-4.2867i	40.0956-4.2571i	-2.2802-0.2615i	1.1325+0.0630i	3.6374-1.4448i	0.6755-1.4372i	-1.7781+1.3828i	-1.8142+0.6880i
48.0	40.6418-6.3193i	40.7298-4.8893i	-1.1565+0.1716i	1.1424-0.0071i	3.6465-1.6060i	0.6007-1.5221i	-1.7364+1.5545i	-1.7700+0.7769i
48.1	42.0182-6.8786i	41.2284-5.5963i	-1.8955-1.1050i	1.1530-0.0322i	3.5293-1.7986i	0.5356-1.5054i	-1.6862+1.6601i	-1.7253+0.7550i
48.2	43.7351-6.3377i	42.3616-5.4255i	-2.5812-1.5890i	1.1966-0.0370i	3.4970-1.9008i	0.5475-1.5723i	-1.6522+1.7194i	-1.7956+0.8233i
48.3	44.1060-6.1823i	42.8721-5.8593i	-2.3695-1.7520i	1.1909-0.0588i	3.4492-2.0123i	0.4715-1.6500i	-1.6186+1.7641i	-1.7981+0.9303i
48.4	43.2253-4.9874i	42.7848-5.5808i	-1.2427-1.4783i	1.1430+0.0698i	3.4383-2.1138i	0.3658-1.6640i	-1.6138+1.8999i	-1.7825+1.0669i
48.5	44.1783-5.1408i	43.3064-5.7326i	-1.7891-1.5086i	1.2029+0.0681i	3.3019-2.1628i	0.3177-1.6727i	-1.5364+1.9739i	-1.6509+1.1070i
48.6	46.5496-6.6648i	44.7792-6.1391i	-1.3367-1.0391i	1.2961+0.0489i	3.2996-2.1687i	0.2599-1.7147i	-1.5200+2.0046i	-1.5548+1.1457i
48.7	45.4021-6.3528i	45.0830-5.8304i	-0.9801-0.8321i	1.2952+0.0134i	3.3490-2.1745i	0.2431-1.7915i	-1.5163+2.0002i	-1.4809+1.1119i
48.8	45.4404-7.5769i	45.3422-6.4545i	-1.3679-0.9790i	1.2126-0.0522i	3.3355-2.2546i	0.0561-1.9052i	-1.5886+2.0117i	-1.4155+1.0354i
48.9	46.0763-7.5427i	45.9928-6.5905i	-0.9271-0.0506i	1.2095-0.0129i	3.2818-2.2707i	-0.1401-1.8032i	-1.6052+2.0675i	-1.4174+0.9552i
49.0	46.3327-7.5541i	46.3592-6.5566i	-1.2023-0.1551i	1.1972+0.0529i	3.2143-2.3284i	-0.1817-1.7245i	-1.5829+2.1723i	-1.4584+1.0247i
49.1	47.1449-7.4572i	47.2222-6.6027i	-0.9837-1.2051i	1.2421+0.1069i	3.1853-2.4349i	-0.2145-1.6804i	-1.5438+2.2724i	-1.4387+1.0777i
49.2	48.4908-7.9442i	48.6039-6.7588i	0.0282-1.1972i	1.3122+0.0077i	3.2416-2.4577i	-0.2022-1.6691i	-1.5695+2.3168i	-1.5235+1.0588i
49.3	49.5890-7.4191i	49.3999-6.6099i	-0.9949-1.7424i	1.3337-0.1038i	3.1955-2.4543i	-0.1753-1.7330i	-1.6025+2.2606i	-1.5362+1.1461i
49.4	50.6793-8.7371i	50.1985-7.7281i	-3.0730-2.6011i	1.2318-0.0651i	3.0161-2.5464i	-0.3221-1.8517i	-1.5813+2.2684i	-1.3023+1.3329i
49.5	51.8269-9.3090i	51.1912-8.0648i	-2.9171-2.5348i	1.2312-0.0418i	3.0502-2.6197i	-0.5043-1.8031i	-1.6390+2.3534i	-1.1666+1.2719i
49.6	50.9390-8.8356i	51.5238-8.2624i	-2.1076-3.4430i	1.2150-0.0152i	3.1023-2.7501i	-0.5989-1.7652i	-1.6733+2.4971i	-1.1956+1.2932i
49.7	50.8246-10.0756i	52.3236-8.4825i	-3.1795-1.5279i	1.2521+0.0306i	3.0832-2.6752i	-0.6655-1.7954i	-1.6956+2.5820i	-1.0855+1.3224i

49.8	51.9921-9.9944i	53.1277-8.8059i	-3.5234-1.4610i	1.2649+0.0237i	3.0384-2.6975i	-0.7878-1.8051i	-1.6542+2.5933i	-0.9043+1.2730i
49.9	53.4759-11.2007i	54.1410-9.7110i	-1.7010-2.3961i	1.2675-0.1247i	3.0963-2.8808i	-1.0635-1.6045i	-1.7073+2.7233i	-0.8245+1.0978i
50.0	53.9195-12.1943i	55.1551-10.6171i	-2.1482-2.9213i	1.2462-0.0953i	3.1104-3.0368i	-1.0559-1.4938i	-1.7766+2.8989i	-0.9857+1.0375i
50.1	54.1177-13.9145i	55.8668-11.2932i	-1.2734-2.5648i	1.2354-0.0751i	3.2127-3.1617i	-1.1380-1.5494i	-1.8738+3.0691i	-1.1152+1.1447i
50.2	54.9726-13.3895i	56.4707-11.5006i	-0.3743-3.2659i	1.2361-0.0631i	3.2507-3.3161i	-1.2704-1.5041i	-1.9097+3.2385i	-1.1016+1.2592i
50.3	57.1382-13.1603i	57.5237-12.0101i	-1.0880-3.4242i	1.2417-0.0219i	3.2066-3.4133i	-1.4133-1.3637i	-1.9213+3.3917i	-1.0079+1.2257i
50.4	57.7353-13.5764i	58.2031-12.3686i	-1.4677-5.5026i	1.2492+0.0505i	3.0878-3.6649i	-1.5986-1.1149i	-1.8714+3.6790i	-0.9275+1.2058i
50.5	56.8047-14.2980i	58.4806-12.9740i	-1.3614-6.1791i	1.2702+0.0442i	2.9574-3.8485i	-1.5553-0.9965i	-1.6930+3.8975i	-0.8882+1.3078i
50.6	56.6651-15.4739i	58.9805-13.8046i	-0.8511-5.5787i	1.3447+0.0391i	2.8900-3.9076i	-1.6742-0.8946i	-1.5649+4.0228i	-0.7614+1.2270i
50.7	58.1219-15.1012i	59.9045-13.2054i	-1.2280-5.9448i	1.4404+0.0352i	2.8650-3.9231i	-1.7463-0.7291i	-1.5788+4.0486i	-0.8162+1.0727i
50.8	59.5950-16.0924i	61.0603-13.9166i	-2.0068-7.5413i	1.3889-0.0082i	2.7337-4.1276i	-1.6687-0.5397i	-1.4710+4.2709i	-0.9546+1.1816i
50.9	59.2360-15.7894i	61.9864-14.4395i	-1.0498-7.7736i	1.3778+0.0013i	2.7615-4.2894i	-1.7027-0.4643i	-1.4192+4.4499i	-0.9345+1.3311i
51.0	62.2420-16.0564i	63.8416-14.6534i	-2.0762-8.2330i	1.4508-0.0188i	2.7090-4.3723i	-1.7009-0.3783i	-1.4278+4.5277i	-0.8923+1.3188i
51.1	64.3663-17.0383i	65.4166-15.0474i	-3.7657-9.8835i	1.4257-0.0548i	2.5423-4.5226i	-1.5769-0.2528i	-1.2526+4.6864i	-0.9245+1.4061i
51.2	63.4481-17.4045i	65.8570-16.2007i	-4.5659-10.4181i	1.3314-0.0069i	2.3949-4.7138i	-1.6266-0.2366i	-1.1129+4.8948i	-0.7721+1.5651i
51.3	63.7087-18.0968i	66.4008-17.7092i	-5.3743-9.2708i	1.3672-0.0237i	2.3200-4.7558i	-1.7188-0.2100i	-1.0808+4.9744i	-0.6553+1.5780i
51.4	64.0983-19.5952i	67.3410-18.8388i	-5.4719-9.9981i	1.3966+0.0220i	2.2064-4.9093i	-1.8610+0.1117i	-0.9632+5.1839i	-0.5094+1.4767i
51.5	64.6136-19.7411i	67.9486-18.0113i	-6.4355-12.5390i	1.4626-0.0209i	1.9733-5.0937i	-1.6718+0.4372i	-0.7062+5.4175i	-0.5263+1.4013i
51.6	65.5571-19.8963i	69.1025-18.4182i	-8.5926-11.4545i	1.4631-0.0355i	1.8371-5.0819i	-1.5178+0.3344i	-0.6057+5.4473i	-0.5340+1.4827i
51.7	65.1906-21.7217i	69.7302-20.1330i	-9.8606-10.8491i	1.3875-0.0092i	1.6360-5.2046i	-1.6257+0.2487i	-0.4815+5.5701i	-0.3252+1.5226i
51.8	65.4635-22.5568i	69.9289-20.3187i	-10.0415-10.9377i	1.3458-0.0031i	1.4913-5.1866i	-1.6843+0.4459i	-0.3346+5.6173i	-0.2818+1.4212i
51.9	66.1954-23.9392i	71.3088-21.8219i	-11.8759-11.4468i	1.2962+0.0073i	1.2567-5.2549i	-1.5052+0.6718i	-0.0807+5.7410i	-0.3004+1.4540i
52.0	67.7733-25.1491i	72.9724-23.2099i	-13.7580-12.3637i	1.3404+0.0774i	0.9507-5.4510i	-1.3648+0.7393i	0.2136+5.9676i	-0.2299+1.5850i
52.1	68.1050-28.0102i	73.4666-25.1147i	-14.6379-10.9252i	1.2861+0.0602i	0.7747-5.4244i	-1.5152+0.7861i	0.3428+6.0215i	0.0490+1.6514i
52.2	69.3079-27.8680i	74.0211-25.1783i	-14.3237-10.4161i	1.3824+0.1471i	0.6990-5.4415i	-1.5160+0.9735i	0.4891+6.1573i	0.2270+1.5376i
52.3	69.9985-29.3705i	74.6351-27.0391i	-15.1031-9.9472i	1.5080+0.2006i	0.5021-5.4588i	-1.4593+1.1864i	0.7406+6.1984i	0.3526+1.3062i
52.4	68.9996-29.0553i	74.9734-27.3995i	-15.7798-10.0245i	1.4929+0.1198i	0.3380-5.5499i	-1.2513+1.3727i	0.9250+6.3161i	0.2333+1.1494i
52.5	69.4170-30.5361i	76.5136-28.5465i	-17.8323-9.2825i	1.4912+0.1901i	0.0911-5.5472i	-1.0803+1.3571i	1.1853+6.3893i	0.2635+1.2806i
52.6	70.5625-31.3250i	76.6536-29.5093i	-18.3136-9.5744i	1.5638+0.1571i	-0.1494-5.4866i	-0.9581+1.4826i	1.4419+6.3598i	0.4319+1.1895i
52.7	70.6713-31.0950i	76.9110-29.2718i	-19.6734-9.7657i	1.6266+0.1582i	-0.3306-5.3210i	-0.5747+1.5999i	1.6945+6.2223i	0.3947+0.9112i
52.8	71.6589-32.2097i	79.0278-30.7072i	-22.8363-9.0187i	1.5949+0.1207i	-0.5310-5.1988i	-0.3113+1.4127i	1.9435+6.1129i	0.3754+0.8875i
52.9	73.2292-33.5461i	80.3531-32.2974i	-22.6028-6.6277i	1.6714+0.1361i	-0.4708-5.1741i	-0.5119+1.2709i	1.8935+6.1473i	0.4691+0.8649i
53.0	73.1860-34.9665i	80.7186-33.8246i	-22.3123-6.4504i	1.6525+0.1398i	-0.6066-5.2535i	-0.5919+1.4221i	2.0759+6.2680i	0.5935+0.7379i
53.1	73.9172-35.5627i	81.2617-34.5901i	-23.4204-6.1496i	1.6440+0.1277i	-0.7687-5.1743i	-0.4928+1.4733i	2.2656+6.2198i	0.6270+0.5000i
53.2	74.7099-36.2318i	81.6434-36.0177i	-24.0894-5.4120i	1.6865+0.2002i	-0.9692-5.1550i	-0.4087+1.5124i	2.4752+6.2062i	0.5511+0.2738i
53.3	73.9780-37.9116i	81.3396-37.1467i	-25.0086-5.3081i	1.7460+0.1602i	-1.2006-5.1577i	-0.2879+1.6522i	2.7082+6.2392i	0.3839+0.1037i
53.4	75.4496-37.9602i	82.7798-36.8082i	-27.0436-4.1737i	1.7011+0.0511i	-1.3172-4.9728i	-0.0034+1.5691i	2.7878+6.0947i	0.0435+0.1881i
53.5	76.3450-40.3880i	84.7289-39.6063i	-27.8429-1.9742i	1.6092+0.1833i	-1.4026-4.9375i	-0.0609+1.4715i	2.9422+6.2248i	0.2377+0.4428i
53.6	74.8875-41.9855i	84.6342-41.3202i	-28.4991-1.4951i	1.6397+0.3289i	-1.6107-4.9310i	0.0866+1.6644i	3.2765+6.3193i	0.4347+0.1820i
53.7	76.8739-42.0722i	86.7276-42.1099i	-30.7738+0.4171i	1.7764+0.3101i	-1.7581-4.8143i	0.2147+1.5161i	3.4571+6.2213i	0.2772-0.0982i
53.8	79.4222-43.6698i	88.5091-43.4667i	-31.3603+1.9419i	1.8495+0.2991i	-1.8494-4.7301i	0.3791+1.4205i	3.5861+6.1939i	-0.0506-0.0043i
53.9	78.8072-47.0998i	89.0680-47.7056i	-32.1053+5.5448i	1.8787+0.4265i	-1.8759-4.6030i	0.2539+1.0237i	3.6347+6.1312i	0.0728+0.2790i
54.0	76.7864-50.3172i	87.4281-50.9664i	-30.1257+7.7273i	2.0460+0.5016i	-2.0168-4.6577i	-0.1304+1.2203i	3.8617+6.3261i	0.2480+0.1133i
54.1	75.6392-53.1786i	85.4897-52.9978i	-29.3471+8.3752i	2.1993+0.4890i	-2.2824-4.5081i	-0.0415+1.5545i	4.3073+6.2429i	0.2293-0.0455i
54.2	78.5892-52.1319i	87.4669-51.7809i	-31.1553+7.2285i	2.4679+0.3456i	-2.4343-4.3279i	0.5466+1.6670i	4.6975+6.0340i	0.0430-0.2474i
54.3	78.5379-53.0029i	89.4401-53.1821i	-32.7736+10.4801i	2.5289+0.3795i	-2.3894-4.1301i	0.4681+1.2022i	4.6264+5.8418i	0.0159-0.1981i
54.4	76.0201-56.7259i	87.8607-58.2053i	-30.7076+13.9331i	2.6249+0.2814i	-2.4697-4.1606i	0.1362+1.3103i	4.8676+5.9445i	-0.0054-0.3529i
54.5	75.8307-59.4934i	86.9116-60.9848i	-28.3900+14.6318i	2.7228+0.0962i	-2.6956-4.2174i	0.1242+1.6607i	5.2723+6.0665i	-0.1643-0.5394i
54.6	73.0077-58.4570i	84.8997-60.6234i	-28.3851+12.9274i	2.8002+0.0721i	-2.9221-4.0197i	0.3267+1.8952i	5.6662+5.7953i	-0.3911-0.6281i
54.7	71.5316-55.4313i	84.4660-57.8214i	-29.3335+10.9877i	2.7815+0.0145i	-3.0130-3.8386i	0.6657+2.0247i	5.8391+5.5666i	-0.6981-0.6242i
54.8	75.2487-57.7679i	87.3668-59.6360i	-32.2237+14.1993i	2.8338-0.0710i	-2.9642-3.5208i	1.0036+1.4645i	5.8633+5.2085i	-0.9068-0.1169i
54.9	74.0838-63.2970i	86.2482-65.2262i	-31.4615+18.4937i	2.9384-0.3099i	-2.9534-3.4460i	0.7095+1.2898i	6.0244+5.0973i	-0.6757+0.0527i
55.0	70.1750-64.0895i	83.1304-65.9000i	-29.6642+18.8714i	2.9669-0.5181i	-3.0838-3.3686i	0.5928+1.5180i	6.2915+4.9210i	-0.5832-0.0703i
55.1	68.7926-62.3806i	82.2723-63.9622i	-30.2371+17.5837i	2.8210-0.6102i	-3.2493-3.2235i	0.7599+1.6821i	6.6117+4.6418i	-0.6358-0.1237i
55.2	68.3260-59.9126i	81.8614-61.6314i	-29.7439+18.5789i	2.7179-0.6875i	-3.2172-3.1054i	0.7925+1.7489i	6.5602+4.4940i	-0.6853-0.1007i
55.3	68.8051-59.0803i	82.7904-61.2000i	-31.6736+18.9213i	2.6657-0.6716i	-3.3385-2.8954i	0.9532+1.8308i	6.7299+4.1337i	-0.7043-0.0881i
55.4	72.4399-56.9905i	86.9147-59.7360i	-33.8423+20.3821i	2.6525-0.6733i	-3.3351-2.7432i	1.3064+1.8604i	6.7827+3.9287i	-0.8051-0.0774i
55.5	75.5182-59.7746i	90.2253-63.8931i	-35.3604+25.0271i	2.6945-0.6724i	-3.3179-2.6098i	1.4130+1.5549i	6.8070+3.7108i	-0.8064-0.0211i
55.6	76.3862-62.4928i	90.9564-67.2769i	-34.4886+27.9594i	2.7146-0.7250i	-3.4374-2.4741i	1.2263+1.4808i	6.9411+3.4499i	-0.7457-0.0303i
55.7	74.6666-62.9890i	89.9286-66.6034i	-33.2892+28.1095i	2.6095-0.7582i	-3.4560-2.3532i	1.2502+1.5931i	6.9374+3.3191i	-0.7884-0.0424i
55.8	75.7768-63.7584i	91.5257-66.9668i	-33.5336+29.7038i	2.6282-0.7592i	-3.4815-2.1834i	1.3510+1.6790i	6.9526+3.1221i	-0.8246-0.0528i
55.9	77.7290-63.8703i	93.6730-67.3184i	-34.1463+30.9217i	2.7117-0.8432i	-3.4447-2.0568i	1.4982+1.7374i	6.9204+3.0205i	-0.8647-0.0793i
56.0	79.5751-65.9475i	96.4886-69.8353i	-35.7113+34.7801i	2.7855-0.8514i	-3.3508-1.9173i	1.6805+1.5054i	6.7908+2.8669i	-0.9265-0.0309i

56.1	80.8616-69.8189i	97.7248-75.4006i	-33.6271+39.7572i	2.8140-0.8395i	-3.3591-1.8110i	1.6888+1.1849i	6.8983+2.7280i	-0.9477+0.0768i
56.2	77.9942-69.4586i	95.5680-76.2303i	-30.8001+39.2475i	2.7738-0.8305i	-3.4272-1.6243i	1.6391+1.3484i	7.0544+2.4216i	-0.8981+0.0248i
56.3	81.0123-69.7749i	99.4473-76.7168i	-31.7941+40.0168i	2.8796-0.8842i	-3.4311-1.5599i	1.7493+1.5529i	7.1293+2.3815i	-0.9508-0.0639i
56.4	83.1377-71.4520i	101.8267-78.2160i	-31.3315+41.8453i	2.9183-1.0554i	-3.3854-1.5319i	1.9010+1.6614i	7.1575+2.3882i	-1.0472-0.0977i
56.5	84.2499-71.8144i	102.8152-79.3824i	-31.0772+44.4486i	2.9753-1.1001i	-3.2882-1.3920i	1.9919+1.5667i	7.0275+2.2556i	-1.1005-0.0975i
56.6	84.1498-73.8698i	102.3900-82.6535i	-28.3959+46.8207i	2.9999-1.1514i	-3.2660-1.2447i	2.0620+1.4825i	7.0270+2.0729i	-1.1564-0.1083i
56.7	83.6616-79.0935i	103.0097-88.8722i	-28.6140+50.5636i	3.0238-1.3165i	-3.2694-1.0480i	2.2474+1.4102i	7.0848+1.7735i	-1.2615-0.1014i
56.8	84.6051-80.9295i	105.0108-90.8277i	-28.3731+52.3217i	3.0863-1.3777i	-3.2211-0.9775i	2.3575+1.4034i	7.0838+1.6760i	-1.3361-0.0977i
56.9	86.7384-84.1435i	106.3965-94.6224i	-25.6054+55.4635i	3.0835-1.5244i	-3.2138-0.9156i	2.4670+1.3359i	7.1327+1.6374i	-1.4254-0.0525i
57.0	87.5040-85.3341i	107.7035-96.6193i	-24.8945+56.7619i	3.0669-1.5621i	-3.1740-0.8227i	2.5763+1.2245i	7.1250+1.5354i	-1.5082-0.0027i
57.1	89.1871-89.4251i	110.1338-101.5239i	-25.3572+59.4672i	3.1019-1.6853i	-3.1051-0.6830i	2.7767+0.9907i	7.1536+1.3637i	-1.6479+0.0810i
57.2	89.5704-95.9576i	110.5406-107.7430i	-21.6808+63.8462i	3.0957-1.8996i	-3.0643-0.6868i	2.6902+0.7743i	7.1768+1.4078i	-1.7238+0.2383i
57.3	87.4709-98.7580i	108.4979-112.1199i	-17.4264+66.1755i	3.0009-1.9221i	-3.0900-0.6701i	2.5284+0.7410i	7.2628+1.3585i	-1.6985+0.3679i
57.4	83.4392-98.4151i	104.5785-113.6823i	-14.4214+67.1202i	2.9454-1.9225i	-3.0155-0.5346i	2.4536+0.8385i	7.1708+1.1861i	-1.6030+0.3561i
57.5	83.4595-99.7512i	104.2999-115.9407i	-12.2150+69.6113i	2.9696-2.1741i	-2.9584-0.4520i	2.5511+0.8912i	7.1894+1.1350i	-1.6614+0.3562i
57.6	85.6765-105.4733i	107.0308-121.4615i	-10.7386+72.3175i	2.9317-2.4211i	-3.0165-0.3513i	2.7684+0.8852i	7.4058+1.1085i	-1.7585+0.4358i
57.7	82.2765-110.5707i	103.3511-127.5521i	-6.1045+75.1847i	2.7870-2.5571i	-2.9644-0.1870i	2.8155+0.7774i	7.4369+0.8953i	-1.7446+0.5117i
57.8	81.8231-112.1943i	102.4229-131.1979i	-3.8464+78.3871i	2.8337-2.6418i	-2.8727-0.1155i	2.8116+0.7665i	7.3670+0.8232i	-1.7485+0.5176i
57.9	79.2384-112.8412i	100.9635-131.2725i	0.2939+76.8498i	2.6351-2.7229i	-2.8199-0.0835i	2.8204+0.7766i	7.4770+0.8453i	-1.7312+0.5298i
58.0	74.8100-116.2539i	95.7265-136.5781i	5.4125+80.7539i	2.6535-2.9570i	-2.6819+0.0096i	2.8596+0.6708i	7.3829+0.6513i	-1.7961+0.6052i
58.1	74.7811-120.6361i	94.9436-141.8189i	7.6505+81.4860i	2.6548-3.0321i	-2.6825+0.1556i	2.9950+0.6006i	7.5394+0.4204i	-1.8109+0.6593i
58.2	71.4505-123.9230i	90.5693-145.6806i	14.4291+83.4985i	2.4727-3.2844i	-2.5955+0.2370i	3.0629+0.5269i	7.5705+0.3511i	-1.8064+0.7018i
58.3	69.3703-126.6021i	87.5548-150.6603i	20.4545+86.9353i	2.3254-3.4309i	-2.5127+0.3174i	3.1899+0.5498i	7.6812+0.2300i	-1.9064+0.6869i
58.4	68.9347-126.2345i	86.8803-150.7555i	22.3833+87.8718i	2.2992-3.4505i	-2.4147+0.3331i	3.2834+0.5716i	7.6459+0.2432i	-2.0329+0.6715i
58.5	62.9920-128.1091i	80.6132-153.6369i	29.5101+88.9579i	2.0865-3.6141i	-2.2936+0.3818i	3.3219+0.3837i	7.6516+0.1151i	-2.0681+0.7912i
58.6	55.7667-132.4644i	71.0183-158.8659i	38.5459+86.8005i	1.7874-3.8435i	-2.1760+0.5243i	3.3130+0.2533i	7.7450-0.3525i	-2.1025+0.9361i
58.7	54.8993-132.8172i	70.4782-160.2720i	38.4031+83.9136i	1.6597-3.7847i	-2.0833+0.5945i	3.4996+0.2272i	7.7978-0.6696i	-2.1969+0.9689i
58.8	51.9879-136.8342i	66.4356-163.7690i	44.8510+82.7025i	1.4057-3.9215i	-1.9945+0.6379i	3.6705+0.0535i	7.8829-0.9021i	-2.2702+1.1426i
58.9	46.6450-133.8148i	60.9790-160.8130i	51.5421+83.0617i	1.0837-3.8948i	-1.8243+0.5564i	3.6603+0.0246i	7.6716-0.7817i	-2.3343+1.2443i
59.0	44.7036-132.1394i	58.9701-159.0695i	54.3354+79.2203i	0.8728-3.7902i	-1.7496+0.5228i	3.7356-0.0723i	7.6256-0.9267i	-2.3492+1.3878i
59.1	44.2104-130.9021i	58.3363-159.1350i	59.7767+78.7887i	0.6580-3.8390i	-1.6910+0.4691i	3.9221-0.1138i	7.7069-0.9316i	-2.4857+1.5312i
59.2	42.6448-132.4496i	54.4091-161.6409i	65.6527+77.1341i	0.4996-3.9398i	-1.6383+0.4833i	3.9946-0.3274i	7.7277-1.1444i	-2.4467+1.7651i
59.3	39.5773-132.6463i	51.1426-162.4550i	69.9013+74.4330i	0.2092-3.8537i	-1.5897+0.5023i	4.0619-0.5550i	7.7364-1.3494i	-2.3921+1.9408i
59.4	36.8617-132.0989i	47.4596-162.2232i	74.3254+68.2416i	-0.0329-3.6774i	-1.5282+0.4851i	4.1356-0.7721i	7.7020-1.6014i	-2.3381+2.1415i
59.5	35.1274-132.2224i	44.7473-161.6342i	78.2995+63.9926i	-0.2126-3.6431i	-1.5024+0.4731i	4.1859-0.8908i	7.7144-1.7535i	-2.2907+2.2820i
59.6	29.1893-133.1208i	40.1608-162.9663i	82.0330+60.1584i	-0.5822-3.5921i	-1.4505+0.4799i	4.1636-1.1693i	7.6552-2.0286i	-2.1718+2.4881i
59.7	27.3871-134.2026i	36.6711-162.8606i	86.8996+54.3565i	-0.8386-3.5323i	-1.4241+0.4857i	4.1676-1.4147i	7.6418-2.2323i	-2.0587+2.6479i
59.8	29.1590-130.4950i	35.7029-159.0174i	92.1316+46.5562i	-1.0561-3.1876i	-1.4073+0.4442i	4.1683-1.5899i	7.6442-2.2853i	-1.9373+2.7859i
59.9	27.1484-130.5095i	33.4250-158.7864i	95.1692+45.6118i	-2.8137-1.4751i	-1.3973+0.4086i	4.2817-1.7427i	7.6974-2.3386i	-1.9135+2.9620i
60.0	24.7859-135.0465i	28.6652-161.6731i	96.3081+41.7531i	-5.0197+0.4503i	-1.3878+0.4447i	4.2854-2.0547i	7.7435-2.6973i	-1.7901+3.1865i
60.1	27.4308-134.3333i	32.3262-163.1277i	96.5920+36.4034i	-3.0035-0.8006i	-1.3755+0.4733i	4.2340-2.2048i	7.7081-2.8296i	-1.6910+3.2696i
60.2	25.5516-130.7154i	33.3686-161.0618i	99.2405+30.3019i	-1.4796-2.6156i	-1.3333+0.4608i	4.1288-2.2831i	7.6219-2.7985i	-1.5638+3.3413i
60.3	21.4125-131.2184i	28.4709-161.4962i	99.3984+22.4609i	-1.5986-2.3536i	-1.2887+0.5103i	3.9523-2.5263i	7.4612-3.1571i	-1.2966+3.4540i
60.4	19.3786-130.9574i	26.1815-162.0935i	100.3891+15.6089i	-1.7735-2.1628i	-1.2828+0.5268i	3.8748-2.7158i	7.4648-3.3574i	-1.0603+3.5559i
60.5	19.7968-132.1902i	27.1611-163.8772i	100.2862+14.2285i	-1.8527-2.1319i	-1.2511+0.5273i	3.8834-2.7205i	7.4673-3.3732i	-0.9117+3.6027i
60.6	17.6134-133.9920i	23.9319-165.8940i	99.3449+7.9129i	-1.9559-1.8793i	-1.2007+0.5810i	3.7630-2.9596i	7.3829-3.6623i	-0.6010+3.6218i
60.7	17.6087-131.2912i	23.7255-162.3149i	96.1120+2.6504i	-1.9321-1.5691i	-1.1232+0.5662i	3.6008-2.9980i	7.2087-3.7257i	-0.4120+3.4348i
60.8	17.6410-130.2864i	22.8928-161.5724i	97.0400-0.9234i	-2.0183-1.3745i	-1.0801+0.5642i	3.5421-3.1564i	7.1632-3.8069i	-0.2762+3.3383i
60.9	13.4187-129.5004i	18.9920-161.4060i	96.1441-6.5751i	-2.1661-1.0692i	-1.0468+0.5707i	3.4693-3.3651i	7.0718-4.0265i	-0.1952+3.2391i
61.0	14.8704-132.2379i	19.2455-164.5577i	94.7233-10.3219i	-2.1286-0.9499i	-1.0368+0.5806i	3.4798-3.5005i	7.0976-4.2705i	-0.2221+3.2537i
61.1	15.3180-134.3451i	20.1285-166.6900i	94.9275-16.1499i	-2.1936-0.7802i	-1.0452+0.6072i	3.4765-3.7208i	7.1890-4.4606i	-0.2066+3.2902i
61.2	12.0470-134.8641i	15.7336-167.7621i	92.3672-21.8236i	-2.1208-0.4864i	-0.9954+0.6347i	3.2523-4.0214i	6.9456-4.7641i	-0.0378+3.3269i
61.3	11.0100-133.9349i	12.8473-167.4880i	90.8363-24.0784i	-1.9372-0.3236i	-0.9305+0.6320i	3.0065-4.0916i	6.7527-4.8486i	0.0629+3.2964i
61.4	11.8329-134.0699i	15.4349-167.5463i	89.4607-24.7711i	-1.8034-0.2060i	-0.8895+0.6198i	2.8727-4.1195i	6.7077-4.8104i	0.0984+3.3147i
61.5	9.5355-135.8906i	13.9187-169.5861i	85.5308-29.1269i	-1.8644-0.0628i	-0.8385+0.6273i	2.7298-4.2452i	6.6207-5.0298i	0.1437+3.3020i
61.6	6.6639-136.2610i	10.2635-169.1011i	84.0863-33.3996i	-1.8606+0.0638i	-0.7976+0.6110i	2.5128-4.3008i	6.4730-5.1420i	0.2364+3.2651i
61.7	2.4156-138.8714i	5.4142-172.2905i	81.3961-38.1188i	-1.7798+0.2853i	-0.7607+0.6473i	2.2712-4.5419i	6.3191-5.4609i	0.4289+3.3433i
61.8	1.1661-139.1200i	3.5946-173.5417i	79.4583-41.2991i	-1.7846+0.5664i	-0.7026+0.6487i	2.0497-4.6867i	6.1929-5.6189i	0.5589+3.4240i
61.9	-2.0680-139.1199i	-1.5755-174.4564i	74.7020-43.3956i	-1.6215+0.7214i	-0.6347+0.6602i	1.7407-4.7447i	5.8923-5.8538i	0.7158+3.4021i
62.0	-4.6349-138.7204i	-5.7810-173.9659i	72.3913-45.0216i	-1.3920+0.7921i	-0.5856+0.6588i	1.4934-4.7594i	5.6581-5.9357i	0.8873+3.3651i
62.1	-5.2570-138.4286i	-5.6646-174.0630i	70.6155-49.1596i	-1.3896+1.0520i	-0.5607+0.6150i	1.3364-4.7747i	5.6319-6.0075i	0.9917+3.3939i
62.2	-6.0806-138.8739i	-6.3691-175.8312i	69.1001-50.9585i	-1.3865+1.1403i	-0.5267+0.5985i	1.2168-4.8105i	5.5970-6.1335i	1.1268+3.3963i
62.3	-9.1511-141.2606i	-11.2888-178.1060i	64.4550-51.3967i	-1.0965+1.1758i	-0.4630+0.6135i	0.9467-4.8297i	5.3465-6.3482i	1.3039+3.3184i

62.4	-14.7960-139.8308i	-18.2776-176.1031i	60.0155-52.6370i	-0.8389+1.2740i	-0.4032+0.5904i	0.5700-4.6797i	4.9146-6.4466i	1.5147+3.1228i
62.5	-18.1272-139.8170i	-21.7648-176.6014i	56.1996-53.9271i	-0.7888+1.4173i	-0.3699+0.5778i	0.4167-4.6417i	4.7523-6.5555i	1.6455+3.0380i
62.6	-18.9129-139.7823i	-23.5280-177.0164i	55.3253-55.9350i	-0.6404+1.4363i	-0.3426+0.5597i	0.3197-4.6583i	4.6820-6.6534i	1.7297+3.0135i
62.7	-21.3954-136.0333i	-26.1004-172.2742i	50.9582-57.5157i	-0.4805+1.5036i	-0.2837+0.5272i	0.0970-4.4643i	4.4413-6.6103i	1.7935+2.8143i
62.8	-24.2350-135.6152i	-30.4267-171.8442i	48.4386-56.5992i	-0.4042+1.4938i	-0.2484+0.4955i	-0.0415-4.3444i	4.1864-6.6729i	1.8722+2.6986i
62.9	-28.7241-136.3875i	-37.3322-173.0479i	44.6898-56.4600i	-0.2089+1.5968i	-0.2192+0.4687i	-0.2898-4.3492i	3.8483-6.9119i	2.0684+2.6040i
63.0	-31.1463-133.1623i	-39.6402-170.2144i	42.3085-53.5949i	0.0442+1.7684i	-0.1766+0.4042i	-0.4422-4.1384i	3.6006-6.8988i	2.1166+2.4550i
63.1	-30.7801-133.5395i	-40.2202-170.6674i	42.4028-57.9650i	0.0881+1.5846i	-0.1754+0.3844i	-0.4832-4.1192i	3.6080-6.9064i	2.1574+2.4058i
63.2	-30.9972-132.4365i	-39.6512-169.5498i	37.9758-58.1117i	0.0724+1.6842i	-0.1403+0.3687i	-0.5516-4.0015i	3.5503-6.8949i	2.1635+2.2769i
63.3	-34.4215-131.2858i	-43.6760-166.7868i	34.4764-60.0935i	0.0977+1.7410i	-0.1119+0.3407i	-0.7104-3.8811i	3.3061-6.9122i	2.2642+2.0825i
63.4	-38.9867-132.0190i	-49.7158-167.8029i	31.8893-60.8375i	0.2673+1.7285i	-0.0904+0.3053i	-0.8497-3.8269i	3.0180-7.0792i	2.3612+1.9513i
63.5	-38.6695-132.9718i	-50.7109-169.4650i	29.8590-62.2650i	0.3824+1.7846i	-0.0897+0.3009i	-0.9160-3.8058i	2.9721-7.1687i	2.3850+1.8650i
63.6	-39.5789-130.4551i	-52.5963-167.5992i	25.3015-59.2522i	0.4601+1.9416i	-0.0630+0.2634i	-0.9820-3.6150i	2.7505-7.2068i	2.3326+1.7229i
63.7	-39.2080-126.2178i	-52.9177-163.4103i	21.6445-56.2164i	0.7274+1.9481i	-0.0459+0.2037i	-0.9708-3.3779i	2.5020-7.0984i	2.2532+1.5791i
63.8	-44.8032-124.7527i	-58.6517-159.6403i	22.9829-53.9805i	0.8499+1.8475i	-0.0523+0.1670i	-1.0312-3.2881i	2.1436-6.9933i	2.2805+1.4728i
63.9	-45.1409-121.9852i	-59.7429-157.8081i	22.5528-53.5894i	0.9077+1.7678i	-0.0487+0.1415i	-0.9992-3.2060i	2.0157-6.9468i	2.2383+1.4268i
64.0	-47.8467-120.1517i	-63.4502-155.4534i	19.0053-52.7730i	1.0816+1.7554i	-0.0311+0.1200i	-1.0983-3.0847i	1.7479-6.9241i	2.2196+1.2602i
64.1	-47.5141-118.4946i	-62.7967-153.3214i	15.2552-54.4770i	1.0084+1.9245i	-0.0300+0.1026i	-1.1358-2.9759i	1.7211-6.9112i	2.1567+1.1660i
64.2	-48.6332-115.0452i	-65.0971-148.2965i	13.9244-55.5744i	1.0534+1.8089i	-0.0282+0.0642i	-1.1726-2.8549i	1.5370-6.7853i	2.0922+1.0147i
64.3	-48.9875-114.1565i	-66.4494-148.2524i	15.3276-55.8112i	1.1575+1.7989i	-0.0309+0.0400i	-1.1452-2.8431i	1.4274-6.7675i	2.0652+1.0079i
64.4	-48.1793-113.7216i	-66.2604-148.0340i	13.7954-54.5817i	1.3252+1.8354i	-0.0368+0.0110i	-1.1112-2.7612i	1.3262-6.7713i	1.9715+1.0051i
64.5	-49.3782-114.6403i	-67.8299-148.3973i	6.3939-55.4639i	1.2812+1.8525i	-0.0282-0.0087i	-1.1888-2.7249i	1.2293-6.8635i	1.9239+0.9743i
64.6	-52.7226-113.8844i	-70.5838-147.1531i	6.1672-54.5915i	1.2853+1.8182i	-0.0195-0.0217i	-1.1894-2.6969i	1.1170-6.8357i	1.8801+1.0152i
64.7	-52.1782-109.8735i	-70.5570-143.6370i	6.8114-53.9919i	1.3599+1.8700i	-0.0314-0.0588i	-1.1537-2.6430i	1.0162-6.6988i	1.8412+1.0639i
64.8	-52.3109-107.6036i	-71.7011-141.0732i	6.6963-54.7205i	1.4591+1.8345i	-0.0331-0.0728i	-1.2011-2.5871i	0.8921-6.6063i	1.8530+1.0488i
64.9	-54.7948-105.3018i	-73.8915-138.2563i	3.1937-47.8661i	1.7248+1.9973i	-0.0264-0.1087i	-1.2047-2.4388i	0.5911-6.5939i	1.7951+1.0661i
65.0	-55.6197-105.2326i	-75.9564-136.5668i	2.6638-46.8910i	1.8213+1.9088i	-0.0402-0.1230i	-1.2467-2.3654i	0.4224-6.5492i	1.8325+1.0457i
65.1	-57.4067-101.2945i	-78.4813-132.2918i	3.5363-45.7190i	1.8940+1.7206i	-0.0529-0.1275i	-1.2839-2.3239i	0.2238-6.3562i	1.8766+1.0073i
65.2	-57.6127-103.4266i	-80.0708-133.4013i	0.5121-47.8940i	1.9908+1.6354i	-0.0588-0.1316i	-1.3368-2.3257i	0.1668-6.3948i	1.9695+0.9818i
65.3	-54.9956-100.7910i	-77.1803-130.4156i	0.1609-49.3157i	1.9738+1.7104i	-0.0512-0.1575i	-1.3138-2.2286i	0.1782-6.3004i	1.9819+0.9630i
65.4	-56.0322-97.0100i	-78.0339-125.2472i	-0.2327-43.5770i	2.1714+1.7444i	-0.0655-0.1774i	-1.3108-2.1068i	-0.0972-6.1534i	1.9922+0.8988i
65.5	-58.9419-95.5877i	-81.0799-123.7206i	-3.3176-46.3737i	2.1181+1.6272i	-0.0663-0.1872i	-1.3944-2.0459i	-0.2041-6.1569i	2.0397+0.8365i
65.6	-60.3954-93.7275i	-83.5123-121.3780i	-4.0773-45.6500i	2.2486+1.5315i	-0.0793-0.2031i	-1.4206-1.9900i	-0.3871-6.1045i	2.0809+0.7784i
65.7	-60.9227-91.7269i	-83.9615-119.0442i	-2.6284-46.0944i	2.2676+1.4036i	-0.0974-0.2083i	-1.3939-1.9529i	-0.4775-5.9711i	2.1201+0.6953i
65.8	-61.3621-89.0801i	-84.6405-116.0178i	-2.6043-42.7988i	2.4755+1.4183i	-0.1061-0.2194i	-1.3933-1.8833i	-0.6571-5.8571i	2.1908+0.6493i
65.9	-61.4751-88.8569i	-85.4509-115.0215i	-3.5304-37.8188i	2.6563+1.5661i	-0.1125-0.2398i	-1.3476-1.8260i	-0.8147-5.8505i	2.2118+0.6315i
66.0	-61.8344-87.7029i	-85.8726-112.7726i	-8.2097-36.3171i	2.5832+1.7528i	-0.1232-0.2617i	-1.3508-1.6647i	-0.9411-5.8633i	2.2394+0.4855i
66.1	-61.9623-86.2256i	-86.2437-110.8084i	-6.4630-37.8366i	2.7102+1.6069i	-0.1426-0.2578i	-1.3705-1.6449i	-1.0401-5.7417i	2.2982+0.3675i
66.2	-62.1284-83.3148i	-86.0031-107.4942i	-9.6472-32.6563i	2.8541+1.7620i	-0.1536-0.2736i	-1.2942-1.5222i	-1.2154-5.6722i	2.2416+0.2764i
66.3	-61.8372-84.5911i	-85.8907-108.7127i	-10.0831-37.4196i	2.6447+1.6863i	-0.1551-0.2660i	-1.2828-1.5346i	-1.0867-5.6516i	2.2156+0.1471i
66.4	-60.9682-82.3500i	-85.0425-105.8600i	-4.6892-40.4205i	2.7194+1.2544i	-0.1658-0.2427i	-1.2709-1.5424i	-1.1306-5.3515i	2.1923+0.0167i
66.5	-63.0474-78.7525i	-87.4027-101.8768i	-2.4070-33.7420i	3.1873+1.2310i	-0.1871-0.2494i	-1.2684-1.4817i	-1.4916-5.2406i	2.1745-0.0826i
66.6	-62.3787-79.2562i	-88.5245-102.7593i	-6.2910-30.2877i	3.4958+1.4901i	-0.2026-0.2818i	-1.2164-1.4754i	-1.6513-5.3894i	2.1686-0.1181i
66.7	-60.2570-76.8762i	-87.0069-98.9805i	-8.9546-40.3342i	3.0582+1.2205i	-0.1725-0.2739i	-1.2591-1.3552i	-1.4980-5.1588i	2.0343-0.2870i
66.8	-59.1520-76.2227i	-84.5593-97.7301i	-8.5327-39.1206i	2.9221+1.1925i	-0.1706-0.2795i	-1.1517-1.2705i	-1.4498-5.0120i	1.9768-0.3242i
66.9	-59.3540-73.4749i	-82.9825-94.5906i	-11.8740-33.6400i	2.9716+1.3948i	-0.1735-0.2694i	-1.0734-1.2158i	-1.5283-4.9250i	1.8371-0.3226i
67.0	-60.1269-71.2288i	-84.5200-92.2549i	-11.0914-29.2206i	3.4981+1.5640i	-0.2084-0.2926i	-1.0286-1.1933i	-1.8191-4.9204i	1.7845-0.3858i
67.1	-59.9515-70.1590i	-84.7609-90.4002i	-9.1793-30.4557i	3.6645+1.4559i	-0.2274-0.2944i	-1.0244-1.1700i	-1.9231-4.8097i	1.7250-0.4642i
67.2	-59.4003-69.7403i	-83.5810-89.3304i	-8.4701-32.4231i	3.5759+1.2602i	-0.2141-0.2811i	-0.9915-1.1557i	-1.8710-4.6458i	1.6473-0.4636i
67.3	-61.2421-68.9329i	-85.6078-86.7612i	-11.1039-25.2700i	3.8129+1.4216i	-0.2418-0.2811i	-0.9167-1.1679i	-2.1272-4.6331i	1.6083-0.5011i
67.4	-60.3103-67.2281i	-84.6711-85.4273i	-11.4310-28.7585i	3.6881+1.1683i	-0.2363-0.2842i	-0.8937-1.1481i	-2.0959-4.4673i	1.4915-0.5564i
67.5	-59.0677-65.9114i	-82.9191-84.3538i	-11.3235-32.9924i	3.6051+1.0131i	-0.2315-0.2747i	-0.8914-1.1305i	-2.0412-4.3096i	1.4007-0.5479i
67.6	-58.3005-65.0941i	-82.9937-82.8459i	-11.5751-28.1656i	4.0549+1.1045i	-0.2555-0.2850i	-0.8529-1.1464i	-2.2029-4.2921i	1.3342-0.5379i
67.7	-57.7990-62.7257i	-82.8660-80.6384i	-10.7443-24.2601i	4.0818+1.2872i	-0.2606-0.2918i	-0.8022-1.1499i	-2.2275-4.2462i	1.2793-0.5289i
67.8	-57.7259-61.0968i	-81.9692-79.2074i	-12.3307-24.7120i	3.9642+1.2955i	-0.2583-0.2960i	-0.7612-1.1136i	-2.2032-4.1732i	1.2166-0.5278i
67.9	-57.6902-61.9199i	-82.8634-78.8716i	-11.4964-22.7425i	4.3097+1.1673i	-0.2764-0.2904i	-0.7887-1.1673i	-2.3708-4.1174i	1.1965-0.5202i
68.0	-56.7510-59.3274i	-81.3560-76.9227i	-15.0905-28.9483i	4.0499+1.1038i	-0.2561-0.3062i	-0.8138-1.1256i	-2.2079-3.9787i	1.1112-0.4844i
68.1	-55.4829-58.5251i	-79.2861-75.8119i	-11.5412-24.6028i	4.5658+1.0177i	-0.2881-0.2863i	-0.7299-1.1734i	-2.4032-3.8588i	1.1027-0.4712i
68.2	-55.4521-58.0657i	-79.2574-75.0506i	-9.1627-24.8794i	4.6087+0.9097i	-0.2922-0.2794i	-0.6978-1.2246i	-2.4392-3.7640i	1.0800-0.4635i
68.3	-55.9702-55.7344i	-79.4087-71.6554i	-12.2318-25.3842i	4.4081+1.1078i	-0.2996-0.2937i	-0.7282-1.1730i	-2.4025-3.6864i	1.0115-0.4408i
68.4	-55.2764-55.8247i	-79.4752-71.2847i	-10.2654-24.0267i	4.8300+0.7721i	-0.3148-0.2843i	-0.7057-1.1877i	-2.5993-3.5814i	1.0088-0.4598i
68.5	-53.4747-54.1489i	-76.8117-69.7117i	-10.7854-24.0870i	4.9710+0.6161i	-0.3140-0.2762i	-0.6812-1.1786i	-2.6005-3.4475i	0.9853-0.4311i
68.6	-53.1333-53.2770i	-76.0588-68.3510i	-15.0682-24.6849i	4.7063+0.7537i	-0.3028-0.2774i	-0.6638-1.1084i	-2.4632-3.4062i	0.9725-0.4138i

68.7	-52.9739-52.9795i	-76.5613-67.1483i	-13.4180-20.8163i	5.1033+0.8475i	-0.3373-0.2767i	-0.6682-1.1657i	-2.6172-3.3899i	0.9818-0.4031i
68.8	-51.5158-51.1419i	-75.1768-64.9824i	-13.9642-19.9158i	5.1411+0.8914i	-0.3473-0.2836i	-0.6482-1.1565i	-2.6236-3.3121i	0.9303-0.3849i
68.9	-50.4398-50.3167i	-72.7166-63.7420i	-10.9224-21.8303i	5.7709+0.4782i	-0.3558-0.2707i	-0.6740-1.1074i	-2.7471-3.1527i	0.8931-0.4511i
69.0	-50.5999-50.5632i	-73.3734-63.8698i	-9.7498-18.8035i	6.2443+0.2945i	-0.3848-0.2576i	-0.6986-1.2245i	-2.9343-3.1040i	0.9069-0.4746i
69.1	-50.0564-49.1220i	-73.2380-62.3520i	-8.9293-16.9924i	6.4100+0.0981i	-0.4046-0.2463i	-0.7025-1.2082i	-3.0161-3.0040i	0.8983-0.4745i
69.2	-48.9510-48.7861i	-71.4363-62.0800i	-11.6578-19.5717i	6.3547+0.1367i	-0.4110-0.2398i	-0.6464-1.1529i	-2.9358-2.9605i	0.8568-0.4317i
69.3	-47.2971-46.8247i	-69.1217-60.1342i	-10.8400-18.0827i	6.7985+0.0474i	-0.4394-0.2281i	-0.6107-1.1633i	-3.0627-2.9082i	0.8296-0.4282i
69.4	-47.4321-46.3599i	-69.3886-57.5340i	-8.9497-18.5206i	6.9184-0.6876i	-0.4468-0.2005i	-0.6929-1.1201i	-3.2006-2.6717i	0.7438-0.4456i
69.5	-46.6240-46.6965i	-68.6781-57.8899i	-6.2846-18.7072i	7.1116-1.0900i	-0.4620-0.1740i	-0.6962-1.1906i	-3.2967-2.5165i	0.6962-0.4442i
69.6	-45.6287-45.3815i	-67.3648-57.7056i	-6.9332-18.2360i	7.2725-1.2573i	-0.4666-0.1502i	-0.7119-1.1944i	-3.3455-2.4233i	0.7040-0.4364i
69.7	-43.7002-46.5212i	-66.2824-58.0984i	-8.7267-16.6352i	7.5644-1.4590i	-0.4816-0.1301i	-0.6872-1.2502i	-3.4306-2.3786i	0.6738-0.4154i
69.8	-43.1274-45.0573i	-64.5019-56.7126i	-8.0141-14.9520i	7.8926-1.5836i	-0.5109-0.1237i	-0.6551-1.2131i	-3.5244-2.3295i	0.7047-0.4117i
69.9	-41.4295-43.8372i	-61.9577-56.3316i	-8.8830-15.2359i	8.1581-1.7065i	-0.5093-0.1003i	-0.6808-1.1862i	-3.5585-2.2384i	0.7235-0.3961i
70.0	-39.1398-43.4867i	-58.3269-55.3153i	-8.6469-16.3545i	8.3406-2.0943i	-0.5118-0.0741i	-0.6204-1.1209i	-3.6124-2.0585i	0.6974-0.3897i
70.1	-36.8192-44.9978i	-55.6772-56.7694i	-6.2672-16.3092i	8.7405-2.6462i	-0.5354-0.0301i	-0.5861-1.1281i	-3.7450-1.9067i	0.6909-0.3932i
70.2	-36.9695-44.3786i	-55.7675-56.1637i	-4.3210-16.4728i	8.8637-3.2957i	-0.5257-0.0007i	-0.7120-1.1139i	-3.8290-1.6890i	0.6804-0.3749i
70.3	-36.8412-44.7329i	-54.6502-56.3006i	-5.3486-17.0696i	8.8449-3.7805i	-0.5110+0.0290i	-0.7182-1.0906i	-3.8386-1.4821i	0.6854-0.3612i
70.4	-34.1842-45.5213i	-51.7324-56.8772i	-5.5512-16.9532i	9.2719-4.6938i	-0.5135+0.0869i	-0.7084-1.0472i	-3.9976-1.2147i	0.6840-0.3613i
70.5	-32.6398-45.3425i	-50.4461-57.7688i	-4.7756-19.0381i	9.0781-5.6461i	-0.4926+0.1441i	-0.7047-1.0550i	-3.9993-0.8629i	0.6498-0.3709i
70.6	-33.1049-45.5329i	-50.4226-57.3659i	-2.4394-17.0735i	9.1510-6.4473i	-0.4995+0.1772i	-0.7342-1.0259i	-4.1143-0.6285i	0.6592-0.3940i
70.7	-32.4734-47.5948i	-49.2732-60.6020i	-3.5899-17.5702i	8.9321-7.4228i	-0.4728+0.2217i	-0.6537-1.0475i	-4.0824-0.3259i	0.6439-0.4173i
70.8	-31.4707-51.0172i	-48.7865-65.6933i	-4.9973-22.0718i	8.0293-8.3323i	-0.4049+0.2984i	-0.5905-1.1033i	-3.8447+0.0877i	0.5862-0.4037i
70.9	-30.8133-53.5638i	-49.2218-67.1063i	-5.6121-24.1512i	7.0130-9.2373i	-0.3600+0.3387i	-0.6048-1.0261i	-3.6683+0.4733i	0.5566-0.4199i
71.0	-31.2036-52.9850i	-49.7142-67.3830i	-4.4569-25.3097i	6.4263-10.0572i	-0.3163+0.3709i	-0.6294-1.0306i	-3.5783+0.7783i	0.5427-0.4424i
71.1	-31.4023-55.9236i	-49.0517-72.3359i	-2.5276-24.4189i	5.2729-11.5427i	-0.2429+0.4302i	-0.4856-1.0604i	-3.3352+1.2977i	0.4665-0.4671i
71.2	-30.5348-57.2900i	-49.1080-74.7731i	-2.8291-24.9492i	4.3501-12.1594i	-0.2112+0.4507i	-0.4110-1.0925i	-3.0995+1.5605i	0.4099-0.4295i
71.3	-31.8071-56.7994i	-52.5213-75.8958i	-6.7852-27.0931i	2.8340-11.7138i	-0.1235+0.4356i	-0.4290-1.1849i	-2.5813+1.6337i	0.3640-0.3605i
71.4	-34.0973-57.4388i	-53.4369-76.8100i	-7.4275-29.1528i	1.4114-11.9493i	-0.0497+0.4544i	-0.3425-1.2025i	-2.2048+1.8713i	0.3338-0.3644i
71.5	-37.3345-55.3463i	-57.7905-74.3618i	-8.5707-28.3390i	0.6483-11.2448i	-0.0188+0.4085i	-0.4271-1.1759i	-1.9609+1.7450i	0.3531-0.3372i
71.6	-38.0375-56.1488i	-60.5846-75.9991i	-10.0244-28.5945i	-0.2660-11.4284i	0.0488+0.4003i	-0.4542-1.2313i	-1.6987+1.8494i	0.3076-0.2864i
71.7	-40.0553-56.2529i	-63.9702-74.5819i	-11.0520-27.2962i	-1.7503-10.6884i	0.1227+0.3600i	-0.4774-1.3292i	-1.2140+1.7979i	0.2813-0.2164i
71.8	-42.5492-54.8061i	-65.4597-71.3333i	-13.6066-28.3912i	-2.6633-9.4525i	0.1648+0.3183i	-0.5038-1.3033i	-0.8430+1.6403i	0.2974-0.1758i
71.9	-43.0769-50.7475i	-67.6461-68.8169i	-15.9308-28.2590i	-2.6633-8.3980i	0.1879+0.2685i	-0.6631-1.2930i	-0.7052+1.4378i	0.3621-0.1614i
72.0	-42.8168-52.5114i	-66.4545-69.6375i	-15.8526-26.1879i	-2.7010-8.2976i	0.1887+0.3079i	-0.5533-1.3360i	-0.6881+1.4207i	0.3805-0.1847i
72.1	-42.4447-50.7829i	-66.5765-68.5294i	-15.7252-25.1328i	-2.9786-7.7444i	0.1926+0.2750i	-0.5838-1.2908i	-0.5721+1.2988i	0.3768-0.1631i
72.2	-41.9303-48.7366i	-69.4112-65.2218i	-16.2080-24.6265i	-3.4415-7.1038i	0.2309+0.2310i	-0.6869-1.2395i	-0.3697+1.2078i	0.3950-0.1850i
72.3	-42.8659-48.0559i	-70.9201-63.0027i	-17.7523-23.7495i	-3.8426-6.2654i	0.2615+0.2020i	-0.7507-1.2392i	-0.1900+1.0718i	0.4245-0.1544i
72.4	-43.1056-48.0923i	-70.5125-63.2962i	-17.1511-23.2901i	-3.9731-6.0134i	0.2620+0.2119i	-0.7376-1.2887i	-0.1404+1.0586i	0.4384-0.1351i
72.5	-43.9749-47.8767i	-71.1622-63.0510i	-17.6917-21.3809i	-3.9399-5.7509i	0.2911+0.1910i	-0.7992-1.3259i	-0.0969+0.9633i	0.4831-0.1181i
72.6	-42.1077-45.9962i	-69.0693-60.4232i	-18.6523-20.7324i	-3.4446-5.1711i	0.2849+0.1616i	-0.8239-1.2551i	-0.1119+0.7835i	0.5094-0.1356i
72.7	-43.0735-43.2152i	-70.2281-57.1708i	-17.8249-21.9381i	-3.6366-4.6224i	0.3227+0.1553i	-0.8746-1.1912i	0.0146+0.7532i	0.5323-0.2146i
72.8	-42.3405-42.8403i	-69.2698-55.5336i	-18.7697-19.8776i	-3.6789-4.2446i	0.3065+0.1387i	-0.8347-1.2089i	0.0533+0.6957i	0.5379-0.1728i
72.9	-41.1212-41.3233i	-69.7015-54.2736i	-18.9249-18.1004i	-3.6031-3.9889i	0.3100+0.0848i	-0.8651-1.2358i	0.0655+0.5992i	0.5236-0.1447i
73.0	-41.4659-39.7360i	-70.0372-51.6361i	-19.3897-17.9999i	-3.7077-3.2219i	0.3244+0.0382i	-0.9113-1.1935i	0.1876+0.4391i	0.5348-0.1415i
73.1	-39.8495-39.1898i	-68.0765-50.7963i	-19.9686-19.1214i	-3.3498-3.0628i	0.3460+0.0765i	-0.7980-1.0844i	0.2037+0.4595i	0.4760-0.1800i
73.2	-41.3113-40.3020i	-68.4551-51.0403i	-20.6296-18.7393i	-3.1688-3.1088i	0.3877+0.1119i	-0.7746-1.1547i	0.2062+0.5239i	0.4595-0.1595i
73.3	-41.1524-37.5391i	-67.9970-47.7736i	-19.5325-16.6346i	-3.1853-2.5218i	0.3269+0.0683i	-0.8380-1.1594i	0.1719+0.3736i	0.5119-0.1771i
73.4	-39.4578-35.8049i	-66.8709-46.2664i	-20.2222-17.1214i	-3.2388-2.2051i	0.3391+0.0558i	-0.8288-1.1218i	0.2363+0.3415i	0.4910-0.2135i
73.5	-38.0733-35.6669i	-65.6313-45.8932i	-20.4860-16.0861i	-2.9113-2.0576i	0.3519+0.0646i	-0.7658-1.0796i	0.2260+0.3100i	0.4425-0.2337i
73.6	-37.7599-37.0747i	-65.0215-46.4150i	-20.7536-15.2221i	-2.7396-2.1202i	0.3995+0.0793i	-0.7295-1.1048i	0.2887+0.3221i	0.4551-0.2080i
73.7	-37.4787-35.8466i	-64.2264-45.1747i	-20.8321-14.7742i	-2.7219-2.1009i	0.4549+0.0571i	-0.7829-1.1539i	0.3698+0.3140i	0.4615-0.1586i
73.8	-36.6531-34.2090i	-63.6381-44.0130i	-21.2070-14.8117i	-2.5916-1.9241i	0.4869+0.0477i	-0.8026-1.1975i	0.4186+0.2736i	0.4233-0.1481i
73.9	-34.6688-32.8396i	-62.0493-43.2478i	-21.7398-15.5362i	-2.6349-1.6230i	0.5023+0.0879i	-0.7732-1.1153i	0.4651+0.3155i	0.4235-0.2170i
74.0	-33.6986-33.9101i	-60.8601-42.6537i	-20.6217-15.1001i	-2.5459-1.6716i	0.5077+0.0970i	-0.7964-1.1365i	0.4445+0.3318i	0.4441-0.2860i
74.1	-32.9824-34.1916i	-60.7534-42.3948i	-20.3785-13.2714i	-2.4747-1.6004i	0.5275+0.0636i	-0.7753-1.1883i	0.4746+0.2703i	0.4359-0.2637i
74.2	-32.1844-34.7476i	-61.0426-41.2599i	-20.7281-13.2268i	-2.3040-1.4698i	0.5849+0.0384i	-0.8346-1.1072i	0.5727+0.2648i	0.3972-0.2497i
74.3	-32.0530-34.0301i	-60.3057-41.6828i	-21.4445-12.6762i	-2.2517-1.2812i	0.6093+0.0197i	-0.8550-1.1687i	0.6329+0.2328i	0.4507-0.1852i
74.4	-31.2920-33.3301i	-59.4809-41.4411i	-22.4337-12.4586i	-2.1216-1.2369i	0.6550+0.0145i	-0.8162-1.1411i	0.6756+0.2028i	0.4304-0.2034i
74.5	-28.5937-31.6010i	-58.2377-39.4332i	-21.9733-12.2000i	-1.9128-1.3678i	0.6605+0.0076i	-0.7528-1.0594i	0.6377+0.1778i	0.3622-0.3047i
74.6	-29.7731-30.0806i	-57.6138-36.8298i	-20.3207-11.1852i	-1.6771-1.1491i	0.6265-0.0244i	-0.8013-1.0035i	0.5912+0.1095i	0.3851-0.3075i
74.7	-29.3308-30.7917i	-55.9291-36.5637i	-20.6355-9.6182i	-1.8628-0.9782i	0.6161-0.0541i	-0.8034-1.0909i	0.6045+0.0586i	0.4375-0.2451i
74.8	-26.8462-31.7050i	-54.3303-36.2029i	-21.4610-9.6656i	-1.6970-1.0329i	0.6658-0.0553i	-0.7652-1.1048i	0.6481+0.0594i	0.3657-0.2351i
74.9	-25.1009-32.1819i	-53.7538-36.5552i	-21.2404-10.3758i	-1.6427-1.0635i	0.7500-0.0274i	-0.8320-1.1131i	0.7355+0.1333i	0.3476-0.1778i

75.0	-25.0875-31.5004i	-52.6041-35.7232i	-20.5783-10.0989i	-1.5211-0.9900i	0.7928-0.0068i	-0.9081-1.1405i	0.7486+0.1516i	0.3794-0.2428i
75.1	-25.5217-30.0387i	-52.0282-34.0098i	-19.7104-10.3522i	-1.4976-0.9346i	0.8015-0.0271i	-0.9382-1.0848i	0.7381+0.1521i	0.3050-0.2892i
75.2	-24.8661-29.7422i	-51.8694-34.4898i	-19.3328-9.7366i	-1.4510-0.8946i	0.8396-0.0653i	-0.9450-1.1548i	0.7786+0.1070i	0.3036-0.2982i
75.3	-23.4007-29.4123i	-50.4150-34.6843i	-19.9567-9.0162i	-1.2559-0.9074i	0.9186-0.0957i	-0.8932-1.1674i	0.8730+0.0739i	0.2989-0.2604i
75.4	-21.6633-28.8249i	-49.8583-34.2925i	-20.5673-7.6475i	-1.0701-0.6396i	0.9744-0.1851i	-0.8614-1.1164i	0.9589-0.0444i	0.2746-0.2197i
75.5	-21.6089-28.9410i	-48.9753-32.4672i	-21.9505-8.7744i	-1.2848-0.5992i	1.0727-0.2754i	-0.8082-0.9525i	1.1437-0.0584i	0.1767-0.1227i
75.6	-20.3073-29.5124i	-47.6258-31.5188i	-20.7683-8.5953i	-1.3275-0.6167i	1.0225-0.2687i	-0.9479-0.9747i	1.0554-0.0627i	0.2089-0.1579i
75.7	-19.0003-29.7864i	-46.2001-31.4482i	-20.9118-7.9329i	-1.1584-0.5947i	1.0579-0.3161i	-1.0120-0.9136i	1.0928-0.1191i	0.2752-0.2029i
75.8	-19.1956-29.6615i	-46.9200-31.6289i	-19.4862-7.3617i	-0.9094-0.7016i	1.0999-0.3461i	-0.9657-0.8989i	1.0871-0.1678i	0.2290-0.2300i
75.9	-17.3129-29.5031i	-44.8479-31.4042i	-20.9616-6.4992i	-1.0099-0.5376i	1.0726-0.5174i	-0.8724-0.8588i	1.1219-0.3567i	0.2296-0.1419i
76.0	-15.8820-30.8171i	-43.3314-32.0901i	-20.7246-6.3295i	-0.9784-0.5653i	1.1608-0.5297i	-0.8692-0.8497i	1.2175-0.3340i	0.2271-0.1744i
76.1	-15.1802-30.0550i	-40.8585-30.8047i	-21.4426-5.9282i	-0.8389-0.4561i	1.1488-0.5808i	-0.7798-0.8964i	1.2124-0.4098i	0.2749-0.1465i
76.2	-15.3725-30.1456i	-41.6586-30.3514i	-19.7756-6.0457i	-0.7182-0.5468i	1.2056-0.5687i	-0.8653-0.8067i	1.2244-0.3435i	0.2457-0.1932i
76.3	-14.0390-28.2381i	-40.5455-29.0829i	-18.8241-6.9399i	-0.5046-0.5951i	1.2562-0.6178i	-0.8370-0.7450i	1.2473-0.3628i	0.1733-0.2052i
76.4	-13.1121-30.5174i	-39.7318-30.5213i	-18.4380-5.7103i	-0.5388-0.7564i	1.2807-0.7042i	-0.8395-0.8369i	1.2626-0.4202i	0.1757-0.2079i
76.5	-11.8343-32.8089i	-37.9182-32.6754i	-20.9056-4.3322i	-0.5968-0.6464i	1.2796-0.9018i	-0.7438-0.8831i	1.3508-0.6068i	0.2601-0.1289i
76.6	-10.3897-33.7509i	-36.2157-32.9351i	-21.0169-3.7633i	-0.5164-0.5505i	1.2335-0.9956i	-0.7607-0.9476i	1.3294-0.7149i	0.3061-0.1508i
76.7	-8.6540-33.6272i	-35.2075-32.0320i	-21.3366-4.9822i	-0.5056-0.7827i	1.2288-1.1335i	-0.7141-0.9233i	1.3373-0.7836i	0.2478-0.0773i
76.8	-7.4283-34.0473i	-32.6555-32.3690i	-22.1201-4.9972i	-0.7391-0.6870i	1.3007-1.2368i	-0.6118-0.9698i	1.4596-0.8088i	0.2170+0.0227i
76.9	-6.4875-36.5778i	-31.2929-34.4476i	-22.4631-2.7442i	-0.6160-0.6089i	1.2685-1.2868i	-0.5557-1.1017i	1.4511-0.8880i	0.3151-0.0299i
77.0	-6.2113-36.9620i	-30.6311-35.3230i	-21.8884-1.8498i	-0.5583-0.5850i	1.1621-1.3439i	-0.5962-1.1550i	1.3513-0.9601i	0.3601-0.0966i
77.1	-7.7687-38.4223i	-31.1547-37.0159i	-22.1146-0.4706i	-0.6446-0.5926i	1.0557-1.5411i	-0.6378-1.2346i	1.3165-1.1953i	0.4234-0.1631i
77.2	-7.3104-39.2936i	-30.2215-37.0010i	-21.9195-1.8783i	-0.6958-0.7841i	1.0807-1.6555i	-0.6180-1.2507i	1.3701-1.2040i	0.3157-0.0942i
77.3	-6.4652-40.8287i	-29.5691-38.1311i	-21.7609-0.4197i	-0.5280-0.6494i	0.9407-1.7105i	-0.6711-1.3823i	1.2891-1.3189i	0.3834-0.2028i
77.4	-6.3688-41.6966i	-30.0066-37.2549i	-22.2803-0.7097i	-0.5547-0.7818i	0.8657-1.9063i	-0.6691-1.4280i	1.2959-1.4538i	0.3645-0.1500i
77.5	-5.5962-43.6572i	-27.6791-38.4267i	-23.4188+0.6806i	-0.6025-0.8883i	0.6902-1.8300i	-0.6359-1.5187i	1.1582-1.4610i	0.3544-0.2356i
77.6	-5.7406-45.6594i	-26.4825-41.0628i	-24.4079+1.5320i	-0.8232-0.7413i	0.5873-2.0229i	-0.7507-1.5841i	1.1919-1.6246i	0.4109-0.2308i
77.7	-5.0747-44.7137i	-26.4144-40.1424i	-23.2771+0.1120i	-0.9232-0.9448i	0.6599-2.0986i	-0.7943-1.6198i	1.2298-1.5907i	0.3111-0.0997i
77.8	-6.5885-46.1469i	-27.6177-41.8039i	-21.3107+1.7294i	-0.7895-1.0884i	0.5979-1.9878i	-0.9824-1.7019i	1.0843-1.5223i	0.2005-0.1801i
77.9	-6.4178-48.2255i	-27.5535-43.7491i	-21.6559+2.8804i	-0.9065-1.0610i	0.4955-2.0340i	-1.1154-1.7982i	1.0480-1.5998i	0.2382-0.2239i
78.0	-8.1436-48.8745i	-27.1490-44.4434i	-22.6364+4.3737i	-1.3305-0.9400i	0.2777-2.0596i	-1.2269-1.8746i	0.9208-1.6739i	0.2495-0.2277i
78.1	-6.3323-48.9159i	-23.6925-43.9720i	-24.5202+2.0900i	-1.4363-1.3914i	0.2170-2.1272i	-1.1514-1.8211i	0.8845-1.6437i	0.2009-0.0806i
78.2	-5.4305-50.1567i	-24.0545-45.4155i	-23.7566+4.4521i	-1.2586-1.1724i	0.0785-2.0360i	-1.3759-1.8655i	0.7793-1.6644i	0.2394-0.1400i
78.3	-7.5609-48.9994i	-25.4307-45.8014i	-22.0818+5.2833i	-1.0938-0.8363i	0.0129-1.9524i	-1.5284-1.8304i	0.7329-1.6422i	0.2515-0.1457i
78.4	-9.1432-50.5297i	-25.3664-46.4606i	-20.4290+4.8379i	-1.2922-1.0371i	0.1330-1.9863i	-1.6552-1.7317i	0.7981-1.5507i	0.1554-0.1055i
78.5	-8.5933-53.0675i	-25.3164-49.2808i	-20.5471+7.7059i	-1.3023-1.0096i	0.0881-1.9591i	-1.8861-1.7713i	0.7555-1.5635i	0.1425-0.1069i
78.6	-11.8999-54.5109i	-27.0664-49.9836i	-21.1448+10.8279i	-1.7425-0.9915i	-0.1828-1.7707i	-2.0757-1.6635i	0.4657-1.5317i	0.1938-0.1033i
78.7	-11.8723-53.5398i	-28.4142-49.7193i	-20.3891+9.9520i	-1.6906-1.0788i	-0.2896-1.8396i	-2.1522-1.4799i	0.4169-1.5735i	0.1824-0.0205i
78.8	-12.1119-51.7812i	-28.0048-50.4198i	-19.3888+10.9667i	-1.6512-0.7759i	-0.2699-1.8250i	-2.2134-1.3121i	0.4923-1.5634i	0.1462-0.0278i
78.9	-14.4955-53.1230i	-29.9077-52.0983i	-16.7196+13.6503i	-1.6213-0.8095i	-0.3056-1.7932i	-2.2855-1.0602i	0.4651-1.5538i	0.1599+0.0305i
79.0	-16.8298-52.0258i	-33.0526-51.5084i	-12.2658+12.9888i	-1.5476-0.9588i	-0.3702-1.7106i	-2.1673-0.8604i	0.3487-1.5510i	0.1787+0.0097i
79.1	-12.2697-49.3938i	-30.6201-47.2596i	-12.0152+7.1333i	-1.8580-1.2584i	-0.2228-1.5798i	-1.9638-1.0072i	0.3905-1.3106i	0.1705+0.0217i
79.2	-9.7608-52.2807i	-28.2630-48.4280i	-16.2031+5.9468i	-2.4091-1.3927i	-0.2159-1.7126i	-2.0928-1.1653i	0.4660-1.3604i	0.1755+0.1142i
79.3	-9.9558-52.4659i	-27.6263-48.8188i	-18.7200+8.0826i	-2.5195-1.1122i	-0.3792-1.6725i	-2.1889-1.1427i	0.3158-1.4552i	0.2265+0.1360i
79.4	-7.8255-51.0105i	-24.7202-48.9692i	-20.8639+9.4580i	-2.4734-0.6680i	-0.4459-1.6163i	-2.1302-1.1262i	0.2742-1.5012i	0.1956+0.1981i
79.5	-8.1540-51.6498i	-24.3705-49.4965i	-19.6700+10.1893i	-2.9352-0.7611i	-0.3274-1.5539i	-2.1921-1.0010i	0.3525-1.2504i	0.2320+0.1636i
79.6	-9.6908-53.8883i	-25.8632-50.8531i	-18.5611+13.0750i	-2.8256-0.3662i	-0.3842-1.4930i	-2.3075-0.8591i	0.2754-1.2523i	0.2834+0.1977i
79.7	-11.4035-54.3625i	-26.7702-52.4338i	-17.8832+14.3778i	-2.8192+0.0639i	-0.4203-1.5594i	-2.4047-0.8170i	0.2952-1.3690i	0.3266+0.2269i
79.8	-12.3973-53.6724i	-27.9474-51.6505i	-15.7639+15.2409i	-2.9022+0.3555i	-0.3769-1.4952i	-2.4044-0.6154i	0.3027-1.2291i	0.3676+0.1904i
79.9	-13.4647-54.8029i	-29.0421-53.0142i	-13.1054+16.7749i	-3.0260+0.6337i	-0.3143-1.5093i	-2.4506-0.4283i	0.3931-1.1508i	0.3891+0.2057i
80.0	-12.3599-54.4347i	-27.9292-53.1575i	-13.3927+14.8935i	-3.1683+0.7083i	-0.3269-1.6463i	-2.4000-0.3459i	0.5166-1.2059i	0.4436+0.2312i

2.1.32 Run 3 – IP315-200 – Accels 9–16

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	4.0737+0.0000i	-12.0601+0.0000i	-7.3787+0.0000i	11.2950+0.0000i	7.6238+0.0000i	2.6699+0.0000i	-1.9179+0.0000i	17.1050+0.0000i
0.1	4.0796+0.0312i	-11.8256-0.8529i	-7.4056-0.1774i	11.1313-0.0018i	7.5303-0.3098i	2.4699+0.3111i	-1.8331-0.0777i	16.9211+0.0127i
0.2	-0.5192+1.1483i	1.5173+1.9187i	-0.7245-0.1197i	-0.8740-0.0134i	-0.6495+0.7914i	2.0068+0.6118i	-0.0806-0.9093i	-0.1382+0.7825i
0.3	-0.1753+0.1194i	0.4487-1.3847i	0.0538-0.0619i	0.0567-0.0396i	0.0560+0.0845i	0.2410-0.0843i	0.0031-0.0602i	0.1137+0.0295i
0.4	0.0305-0.0111i	0.1396+0.0995i	0.0257-0.0503i	-0.0110-0.0417i	0.0727-0.0333i	0.0316-0.1445i	0.0052+0.0346i	0.0071-0.0128i
0.5	0.0074+0.0212i	-0.1257+0.0368i	-0.0065-0.0076i	0.0013+0.0221i	0.0037+0.0150i	-0.0379-0.0169i	0.0294+0.0030i	-0.0337+0.0008i
0.6	0.0373+0.0144i	-0.1702-0.0441i	-0.0273-0.0068i	0.0568+0.0252i	-0.0091+0.0067i	-0.0373-0.0058i	0.0527+0.0121i	-0.0143-0.0062i
0.7	0.0527+0.0077i	-0.1847-0.0292i	-0.0366-0.0008i	0.0704+0.0114i	-0.0140+0.0002i	-0.0393-0.0060i	0.0668+0.0089i	-0.0088-0.0039i
0.8	0.0660+0.0048i	-0.1928-0.0316i	-0.0438-0.0044i	0.0854-0.0017i	-0.0159-0.0028i	-0.0450-0.0076i	0.0838-0.0083i	-0.0111-0.0035i
0.9	0.0854+0.0012i	-0.2088-0.0332i	-0.0591-0.0101i	0.1026-0.0147i	-0.0150-0.0046i	-0.0603-0.0060i	0.1019-0.0210i	-0.0127-0.0024i
1.0	0.0973+0.0024i	-0.2391-0.0322i	-0.0691-0.0088i	0.1163-0.0105i	-0.0201-0.0018i	-0.0697-0.0145i	0.1132-0.0133i	-0.0168-0.0011i
1.1	0.1513-0.0046i	-0.3817-0.0068i	-0.1038-0.0045i	0.1812-0.0121i	-0.0416-0.0026i	-0.0989+0.0050i	0.1701-0.0238i	-0.0315+0.0014i
1.2	0.2141-0.0035i	-0.4330-0.0234i	-0.1496-0.0154i	0.1781-0.0442i	-0.0388-0.0042i	-0.1295+0.0004i	0.1771-0.0535i	-0.0394-0.0013i
1.3	0.2856-0.0123i	-0.5389-0.0220i	-0.1961-0.0191i	0.1494-0.0970i	-0.0470-0.0036i	-0.1406+0.0053i	0.1475-0.1021i	-0.0430-0.0042i
1.4	0.4297-0.0310i	-0.7370-0.0159i	-0.2976+0.0144i	-0.1149+0.1215i	-0.0564-0.0083i	-0.1174-0.0423i	-0.1085+0.1225i	-0.0507-0.0036i
1.5	0.5771-0.2169i	-0.9321+0.1340i	-0.3248+0.1551i	0.1934+0.8172i	-0.0763-0.0134i	-0.1994-0.1777i	0.2186+0.8061i	-0.0566+0.0020i
1.6	0.6193-0.3585i	-1.0362+0.2586i	-0.2532+0.1366i	1.0983+0.5326i	-0.0968-0.0107i	-0.3890-0.1464i	1.1118+0.4977i	-0.0609-0.0025i
1.7	0.6623-0.6169i	-1.1555+0.4837i	-0.2800+0.0637i	1.5513-0.2921i	-0.1163+0.0031i	-0.5351-0.0476i	1.5415-0.3337i	-0.0747-0.0129i
1.8	0.6024-1.1074i	-1.2424+0.9204i	-0.4022+0.0196i	1.5470-1.3106i	-0.1373+0.0284i	-0.6692+0.0598i	1.5134-1.3462i	-0.1012-0.0234i
1.9	0.0493-1.4688i	-0.9817+1.2328i	-0.6140-0.0294i	0.7372-2.1540i	-0.1454+0.0420i	-0.8070+0.1511i	0.6892-2.1665i	-0.1493-0.0327i
2.0	-0.5551-1.3890i	-0.7579+1.1574i	-0.9627-0.0548i	-0.2781-2.2355i	-0.1644+0.0354i	-1.0345+0.1709i	-0.3179-2.2233i	-0.2208-0.0351i
2.1	-0.8511-0.9688i	-1.1621+0.8664i	-1.7850+0.0445i	-0.8586-1.6562i	-0.2551+0.0202i	-1.7618+0.2226i	-0.8703-1.6334i	-0.3674-0.0130i
2.2	-0.9565-0.7075i	-2.0786+0.7926i	-3.0941+0.2892i	-1.0379-1.2533i	-0.4180+0.0166i	-3.0237+0.4219i	-1.0215-1.2321i	-0.5930+0.0295i
2.3	-1.0244-0.4751i	-1.8110+1.8517i	-2.7623+1.9357i	-1.2492-0.9799i	-0.4062+0.2158i	-2.6636+2.0264i	-1.2294-0.9784i	-0.5459+0.3130i
2.4	-0.6088-0.3178i	1.8468+0.9590i	2.5942+0.8418i	-0.9534-0.6687i	0.2427+0.1590i	2.6246+0.9284i	-0.9988-0.6605i	0.3596+0.1449i
2.5	-0.5907-0.2727i	1.3431+0.5202i	1.9952+0.3493i	-0.9190-0.5568i	0.1729+0.0861i	2.0343+0.4252i	-0.9543-0.5432i	0.2542+0.0607i
2.6	-0.5670-0.2288i	0.8281+0.3535i	1.4021+0.1943i	-0.8607-0.4607i	0.0936+0.0557i	1.4439+0.2576i	-0.8874-0.4470i	0.1490+0.0331i
2.7	-0.5405-0.1945i	0.5421+0.2691i	1.1310+0.1324i	-0.8113-0.3918i	0.0509+0.0429i	1.1720+0.1860i	-0.8319-0.3780i	0.0972+0.0215i
2.8	-0.5262-0.1717i	0.3584+0.2044i	0.9759+0.0861i	-0.7903-0.3451i	0.0238+0.0312i	1.0183+0.1347i	-0.8069-0.3319i	0.0649+0.0120i
2.9	-0.5156-0.1512i	0.1863+0.1837i	0.8465+0.0747i	-0.7818-0.3028i	0.0004+0.0273i	0.8934+0.1166i	-0.7958-0.2907i	0.0354+0.0105i
3.0	-0.4910-0.1359i	0.0209+0.1488i	0.7587+0.0562i	-0.7374-0.2778i	-0.0240+0.0236i	0.8019+0.0946i	-0.7498-0.2662i	0.0126+0.0068i
3.1	-0.4725-0.1202i	-0.1148+0.1322i	0.7008+0.0518i	-0.7086-0.2475i	-0.0445+0.0199i	0.7422+0.0866i	-0.7202-0.2362i	-0.0058+0.0061i
3.2	-0.4535-0.1123i	-0.2638+0.1301i	0.6442+0.0459i	-0.6813-0.2313i	-0.0652+0.0196i	0.6841+0.0779i	-0.6917-0.2211i	-0.0273+0.0060i
3.3	-0.4525-0.1129i	-0.3384+0.1171i	0.6161+0.0390i	-0.6879-0.2344i	-0.0773+0.0179i	0.6583+0.0720i	-0.6977-0.2242i	-0.0396+0.0044i
3.4	-0.4493-0.1022i	-0.4404+0.1026i	0.5854+0.0352i	-0.6914-0.2120i	-0.0929+0.0166i	0.6294+0.0649i	-0.7000-0.2022i	-0.0551+0.0034i
3.5	-0.4397-0.0912i	-0.5621+0.0843i	0.5582+0.0317i	-0.6780-0.1880i	-0.1120+0.0149i	0.6020+0.0579i	-0.6859-0.1795i	-0.0724+0.0021i
3.6	-0.4315-0.0838i	-0.6671+0.0778i	0.5367+0.0310i	-0.6655-0.1713i	-0.1290+0.0138i	0.5800+0.0541i	-0.6728-0.1628i	-0.0881+0.0022i
3.7	-0.4270-0.0761i	-0.7721+0.0665i	0.5159+0.0301i	-0.6633-0.1536i	-0.1491+0.0130i	0.5595+0.0512i	-0.6704-0.1451i	-0.1059+0.0029i
3.8	-0.4184-0.0756i	-0.8764+0.0674i	0.5005+0.0289i	-0.6503-0.1543i	-0.1679+0.0143i	0.5427+0.0501i	-0.6565-0.1463i	-0.1220+0.0034i
3.9	-0.4102-0.0758i	-0.9917+0.0694i	0.4855+0.0264i	-0.6373-0.1554i	-0.1905+0.0139i	0.5267+0.0476i	-0.6432-0.1480i	-0.1411+0.0022i
4.0	-0.4079-0.0701i	-1.1038+0.0671i	0.4734+0.0255i	-0.6343-0.1437i	-0.2113+0.0140i	0.5139+0.0453i	-0.6396-0.1370i	-0.1607+0.0026i
4.1	-0.4116-0.0635i	-1.2017+0.0454i	0.4616+0.0259i	-0.6515-0.1291i	-0.2305+0.0111i	0.5049+0.0430i	-0.6559-0.1217i	-0.1790+0.0011i
4.2	-0.4028-0.0580i	-1.3307+0.0419i	0.4515+0.0267i	-0.6388-0.1137i	-0.2588+0.0116i	0.4942+0.0414i	-0.6429-0.1070i	-0.2019+0.0016i
4.3	-0.3975-0.0565i	-1.4610+0.0518i	0.4424+0.0300i	-0.6326-0.1096i	-0.2884+0.0159i	0.4852+0.0439i	-0.6366-0.1032i	-0.2265+0.0051i
4.4	-0.3971-0.0575i	-1.5743+0.0552i	0.4340+0.0335i	-0.6356-0.1124i	-0.3116+0.0206i	0.4773+0.0472i	-0.6386-0.1060i	-0.2489+0.0090i
4.5	-0.3959-0.0499i	-1.7000+0.0437i	0.4296+0.0307i	-0.6344-0.0950i	-0.3387+0.0187i	0.4724+0.0417i	-0.6373-0.0887i	-0.2739+0.0076i
4.6	-0.3874-0.0467i	-1.8250+0.0385i	0.4255+0.0290i	-0.6190-0.0887i	-0.3674+0.0173i	0.4658+0.0400i	-0.6213-0.0828i	-0.2990+0.0085i
4.7	-0.3823-0.0462i	-1.9454+0.0231i	0.4212+0.0287i	-0.6152-0.0854i	-0.3990+0.0168i	0.4608+0.0388i	-0.6165-0.0798i	-0.3259+0.0073i
4.8	-0.3748-0.0476i	-2.1125+0.0315i	0.4104+0.0316i	-0.6022-0.0872i	-0.4433+0.0193i	0.4484+0.0418i	-0.6028-0.0831i	-0.3662+0.0116i
4.9	-0.3708-0.0495i	-2.2668+0.0396i	0.4048+0.0330i	-0.5959-0.0923i	-0.4830+0.0206i	0.4415+0.0442i	-0.5973-0.0877i	-0.4010+0.0138i
5.0	-0.3658-0.0511i	-2.4468+0.0389i	0.3988+0.0366i	-0.5939-0.0932i	-0.5372+0.0272i	0.4354+0.0469i	-0.5943-0.0888i	-0.4488+0.0174i
5.1	-0.3630-0.0526i	-2.5785+0.0356i	0.3945+0.0409i	-0.5869-0.0947i	-0.5814+0.0313i	0.4300+0.0502i	-0.5865-0.0918i	-0.4876+0.0202i
5.2	-0.3639-0.0611i	-2.7779+0.0549i	0.3894+0.0452i	-0.5895-0.1097i	-0.6447+0.0434i	0.4248+0.0563i	-0.5892-0.1068i	-0.5458+0.0320i
5.3	-0.3608-0.0663i	-2.9209+0.0533i	0.3866+0.0507i	-0.5875-0.1206i	-0.6950+0.0519i	0.4213+0.0625i	-0.5872-0.1168i	-0.5927+0.0394i
5.4	-0.3644-0.0711i	-3.1074+0.0620i	0.3825+0.0607i	-0.5950-0.1325i	-0.7670+0.0738i	0.4171+0.0744i	-0.5942-0.1277i	-0.6579+0.0580i
5.5	-0.3728-0.0724i	-3.2550+0.0936i	0.3846+0.0696i	-0.6155-0.1340i	-0.8203+0.0990i	0.4211+0.0838i	-0.6137-0.1289i	-0.7084+0.0792i
5.6	-0.3741-0.0733i	-3.4311+0.1051i	0.3866+0.0774i	-0.6237-0.1354i	-0.8872+0.1165i	0.4234+0.0902i	-0.6200-0.1309i	-0.7671+0.0953i

5.7	-0.3849-0.0738i	-3.6918+0.0958i	0.3854+0.0814i	-0.6549-0.1336i	-0.9958+0.1270i	0.4246+0.0941i	-0.6485-0.1292i	-0.8688+0.1090i
5.8	-0.3893-0.0749i	-3.8593+0.1586i	0.3857+0.0932i	-0.6680-0.1352i	-1.0648+0.1742i	0.4257+0.1057i	-0.6622-0.1323i	-0.9330+0.1562i
5.9	-0.3951-0.0734i	-4.0069+0.2164i	0.4017+0.1080i	-0.6830-0.1334i	-1.1232+0.2240i	0.4427+0.1210i	-0.6768-0.1313i	-0.9864+0.2029i
6.0	-0.3973-0.0643i	-4.1943+0.2096i	0.4249+0.1112i	-0.6924-0.1125i	-1.2110+0.2464i	0.4635+0.1217i	-0.6846-0.1107i	-1.0616+0.2239i
6.1	-0.3975-0.0535i	-4.4602+0.2125i	0.4427+0.1033i	-0.6978-0.0906i	-1.3337+0.2664i	0.4801+0.1124i	-0.6887-0.0886i	-1.1807+0.2422i
6.2	-0.3955-0.0499i	-4.6744+0.1765i	0.4502+0.0952i	-0.7008-0.0836i	-1.4603+0.2614i	0.4865+0.1040i	-0.6894-0.0813i	-1.2999+0.2379i
6.3	-0.3925-0.0448i	-4.9257+0.1552i	0.4494+0.0891i	-0.7027-0.0731i	-1.6447+0.2682i	0.4847+0.0968i	-0.6907-0.0707i	-1.4684+0.2437i
6.4	-0.3916-0.0447i	-5.2459+0.1966i	0.4503+0.0880i	-0.7162-0.0738i	-1.8968+0.3510i	0.4866+0.0975i	-0.7013-0.0736i	-1.7104+0.3150i
6.5	-0.3872-0.0439i	-5.4981+0.2126i	0.4543+0.0944i	-0.7196-0.0699i	-2.1397+0.4266i	0.4884+0.1037i	-0.7020-0.0702i	-1.9454+0.3867i
6.6	-0.3844-0.0441i	-5.8881+0.2882i	0.4637+0.0947i	-0.7342-0.0582i	-2.5280+0.6206i	0.4976+0.1041i	-0.7109-0.0598i	-2.3174+0.5760i
6.7	-0.3778-0.0441i	-6.2734+0.3902i	0.4789+0.0984i	-0.7436-0.0505i	-2.9412+0.8809i	0.5093+0.1108i	-0.7159-0.0553i	-2.7166+0.8147i
6.8	-0.3625-0.0464i	-6.7765+0.5334i	0.4988+0.0970i	-0.7419-0.0424i	-3.6412+1.2752i	0.5225+0.1127i	-0.7044-0.0510i	-3.3998+1.1968i
6.9	-0.3478-0.0610i	-7.2739+0.9217i	0.5211+0.0915i	-0.7476-0.0323i	-4.3874+2.3520i	0.5398+0.1141i	-0.7009-0.0559i	-4.1267+2.2402i
7.0	-0.3365-0.0895i	-7.7062+1.5067i	0.5534+0.0677i	-0.7578-0.0226i	-5.0604+4.1327i	0.5687+0.1045i	-0.7019-0.0693i	-4.7867+3.9728i
7.1	-0.3657-0.1374i	-7.3836+2.5356i	0.5659-0.0077i	-0.7570+0.0129i	-3.2505+7.2033i	0.5978+0.0492i	-0.7224-0.0712i	-3.0350+6.9879i
7.2	-0.4191-0.1436i	-6.4885+2.6157i	0.5062-0.0644i	-0.7093+0.0239i	0.5887+7.5018i	0.5633-0.0049i	-0.7244-0.0639i	0.7182+7.3023i
7.3	-0.4418-0.1250i	-6.3181+2.0758i	0.4408-0.0601i	-0.6803-0.0006i	2.2523+5.9220i	0.5074-0.0122i	-0.7166-0.0706i	2.3604+5.7758i
7.4	-0.4639-0.1086i	-6.2980+1.6111i	0.4138-0.0162i	-0.6988-0.0351i	3.0712+4.3426i	0.4911+0.0214i	-0.7450-0.0851i	3.1770+4.2337i
7.5	-0.4717-0.0706i	-6.6886+1.0189i	0.4080+0.0332i	-0.7276-0.0389i	2.9242+2.3785i	0.4854+0.0567i	-0.7735-0.0628i	3.0560+2.3061i
7.6	-0.4559-0.0562i	-7.4217+0.8276i	0.4217+0.0639i	-0.7372-0.0435i	1.8930+1.6547i	0.4915+0.0851i	-0.7706-0.0582i	2.0613+1.5797i
7.7	-0.4448-0.0562i	-7.9986+0.8346i	0.4307+0.0715i	-0.7476-0.0469i	1.1909+1.5380i	0.4984+0.0918i	-0.7726-0.0591i	1.3815+1.4605i
7.8	-0.4413-0.0621i	-8.6914+0.9884i	0.4492+0.0841i	-0.7702-0.0510i	0.7782+1.7230i	0.5168+0.1085i	-0.7901-0.0639i	0.9782+1.6329i
7.9	-0.4474-0.0643i	-8.9821+1.0638i	0.4554+0.0940i	-0.7884-0.0489i	0.7617+1.7669i	0.5266+0.1177i	-0.8078-0.0609i	0.9676+1.6784i
8.0	-0.4464-0.0602i	-9.3596+1.1823i	0.4734+0.0994i	-0.7990-0.0423i	0.6227+1.6467i	0.5475+0.1196i	-0.8159-0.0526i	0.8403+1.5614i
8.1	-0.4432-0.0593i	-9.8358+1.2500i	0.5004+0.1159i	-0.8088-0.0440i	0.4475+1.6463i	0.5758+0.1359i	-0.8230-0.0553i	0.6748+1.5547i
8.2	-0.4433-0.0568i	-10.3801+1.2682i	0.5260+0.1226i	-0.8272-0.0409i	0.2651+1.5729i	0.6028+0.1409i	-0.8384-0.0513i	0.5007+1.4785i
8.3	-0.4388-0.0557i	-11.1256+1.3617i	0.5574+0.1231i	-0.8471-0.0446i	-0.0843+1.5262i	0.6354+0.1427i	-0.8542-0.0540i	0.1646+1.4302i
8.4	-0.4312-0.0567i	-11.6185+1.6067i	0.5829+0.1193i	-0.8597-0.0368i	-0.3733+1.6442i	0.6614+0.1383i	-0.8635-0.0459i	-0.1136+1.5450i
8.5	-0.4208-0.0619i	-12.3041+1.7314i	0.6167+0.1133i	-0.8742-0.0302i	-0.7664+1.8516i	0.6955+0.1312i	-0.8707-0.0425i	-0.4965+1.7539i
8.6	-0.4141-0.0781i	-13.0257+2.2275i	0.6492+0.0880i	-0.8931-0.0275i	-1.0499+2.2969i	0.7315+0.1071i	-0.8840-0.0463i	-0.7721+2.1866i
8.7	-0.4068-0.0967i	-13.6180+2.6856i	0.6825+0.0546i	-0.9130-0.0178i	-1.3191+2.6830i	0.7692+0.0746i	-0.8979-0.0452i	-1.0424+2.5759i
8.8	-0.3916-0.1181i	-14.4178+3.1740i	0.7135+0.0268i	-0.9275-0.0137i	-1.7283+3.2316i	0.8019+0.0468i	-0.9057-0.0487i	-1.4451+3.1192i
8.9	-0.3817-0.1588i	-15.3907+4.2058i	0.7435-0.0224i	-0.9452-0.0045i	-2.0401+4.2932i	0.8344-0.0032i	-0.9185-0.0560i	-1.7422+4.1704i
9.0	-0.3984-0.2122i	-15.4863+5.4542i	0.7450-0.0942i	-0.9530+0.0062i	-1.6239+5.5067i	0.8371-0.0755i	-0.9325-0.0672i	-1.3214+5.3897i
9.1	-0.4471-0.2503i	-15.0614+6.2687i	0.6961-0.1418i	-0.9663+0.0072i	-0.5909+6.2440i	0.7888-0.1226i	-0.9624-0.0803i	-0.2744+6.1408i
9.2	-0.4844-0.3237i	-15.5273+8.3585i	0.7088-0.2090i	-0.9916+0.0203i	-0.4389+8.0073i	0.8043-0.1905i	-0.9928-0.0925i	-0.0962+7.9045i
9.3	-0.6094-0.3666i	-13.0747+9.8867i	0.6264-0.2914i	-0.9895+0.0281i	2.4351+9.4123i	0.7314-0.2691i	-1.0379-0.1062i	2.7888+9.3006i
9.4	-0.7476-0.2960i	-10.1473+8.7060i	0.4852-0.2880i	-0.9952+0.0218i	5.8550+8.0981i	0.6015-0.2651i	-1.0982-0.0887i	6.2338+7.9905i
9.5	-0.7898-0.2032i	-9.7346+6.3791i	0.4243-0.2244i	-1.0231+0.0021i	6.9132+5.7395i	0.5485-0.2056i	-1.1399-0.0692i	7.3169+5.6256i
9.6	-0.7831-0.1261i	-10.6269+4.7378i	0.4051-0.1614i	-1.0571-0.0027i	6.6411+4.0289i	0.5310-0.1474i	-1.1695-0.0424i	7.0689+3.9020i
9.7	-0.7670-0.0750i	-11.6645+3.5179i	0.3920-0.1053i	-1.0955-0.0042i	6.2170+2.8868i	0.5229-0.0946i	-1.2002-0.0240i	6.6672+2.7431i
9.8	-0.7384-0.0549i	-13.1574+3.1024i	0.4079-0.0626i	-1.1475+0.0107i	5.6039+2.2620i	0.5492-0.0583i	-1.2382-0.0025i	6.0692+2.0984i
9.9	-0.7337-0.0414i	-14.2477+2.7496i	0.4166-0.0287i	-1.1838+0.0264i	5.3036+1.9712i	0.5622-0.0289i	-1.2676+0.0156i	5.7767+1.7966i
10.0	-0.7263-0.0277i	-15.4776+2.7183i	0.4415+0.0137i	-1.2207+0.0626i	5.0376+1.7405i	0.5941+0.0047i	-1.2984+0.0507i	5.5170+1.5361i
10.1	-0.7054-0.0234i	-16.5067+2.7256i	0.4789+0.0405i	-1.2356+0.0890i	4.9581+1.5345i	0.6357+0.0262i	-1.3105+0.0802i	5.4420+1.3105i
10.2	-0.7005-0.0239i	-17.3550+2.6766i	0.5135+0.0400i	-1.2453+0.1012i	4.8828+1.2947i	0.6669+0.0163i	-1.3175+0.1022i	5.3597+1.0759i
10.3	-0.6941-0.0400i	-18.1427+2.7019i	0.5363+0.0394i	-1.2612+0.0974i	4.7510+1.0393i	0.6904+0.0097i	-1.3310+0.0982i	5.2265+0.8337i
10.4	-0.6912-0.0600i	-18.8556+2.5272i	0.5451+0.0410i	-1.2815+0.0861i	4.5658+0.8126i	0.6989+0.0096i	-1.3486+0.0884i	5.0662+0.6229i
10.5	-0.7104-0.0802i	-19.8528+2.2526i	0.5601+0.0432i	-1.3229+0.0797i	4.4083+0.6586i	0.7182+0.0097i	-1.3898+0.0832i	4.9315+0.4780i
10.6	-0.7432-0.0941i	-21.2974+2.2755i	0.5802+0.0473i	-1.3781+0.0855i	4.2401+0.5203i	0.7410+0.0077i	-1.4419+0.0912i	4.7951+0.3422i
10.7	-0.7737-0.0994i	-22.7086+2.1970i	0.5958+0.0506i	-1.4355+0.0965i	4.1088+0.4026i	0.7589+0.0060i	-1.4984+0.1024i	4.6960+0.2215i
10.8	-0.8009-0.1049i	-23.8246+1.9991i	0.6110+0.0553i	-1.4848+0.1018i	3.9564+0.3535i	0.7773+0.0086i	-1.5462+0.1075i	4.5718+0.1753i
10.9	-0.8322-0.1054i	-25.1865+2.0335i	0.6269+0.0569i	-1.5392+0.1132i	3.8327+0.3351i	0.7976+0.0087i	-1.5974+0.1192i	4.4853+0.1521i
11.0	-0.8649-0.0963i	-27.0083+2.2565i	0.6493+0.0542i	-1.6119+0.1350i	3.7568+0.2935i	0.8281+0.0023i	-1.6688+0.1443i	4.4520+0.1157i
11.1	-0.8953-0.0890i	-29.0870+2.4409i	0.6718+0.0467i	-1.6941+0.1439i	3.7234+0.2377i	0.8600-0.0068i	-1.7501+0.1535i	4.4720+0.0666i
11.2	-0.9253-0.0829i	-30.8811+2.5456i	0.6896+0.0462i	-1.7606+0.1598i	3.6885+0.2416i	0.8838-0.0100i	-1.8167+0.1704i	4.4870+0.0666i
11.3	-0.9546-0.0781i	-32.6184+2.7924i	0.7004+0.0462i	-1.8517+0.1935i	3.5955+0.2331i	0.9050-0.0153i	-1.9071+0.2013i	4.4530+0.0465i
11.4	-0.9902-0.0760i	-34.4989+2.9580i	0.7179+0.0480i	-1.9479+0.2240i	3.5432+0.2268i	0.9353-0.0210i	-2.0023+0.2310i	4.4615+0.0249i
11.5	-1.0297-0.0746i	-36.8258+3.0782i	0.7350+0.0497i	-2.0597+0.2589i	3.5181+0.2222i	0.9695-0.0269i	-2.1134+0.2658i	4.5067+0.0182i
11.6	-1.0661-0.0684i	-39.1584+3.5458i	0.7489+0.0499i	-2.1727+0.3089i	3.4825+0.1958i	0.9956-0.0336i	-2.2251+0.3152i	4.5536-0.0107i
11.7	-1.1105-0.0665i	-42.0633+3.7576i	0.7727+0.0536i	-2.2976+0.3532i	3.4991+0.2109i	1.0345-0.0400i	-2.3499+0.3604i	4.6542-0.0028i
11.8	-1.1508-0.0664i	-45.1310+3.9736i	0.7856+0.0620i	-2.4539+0.4138i	3.5007+0.2213i	1.0720-0.0465i	-2.5071+0.4197i	4.7669-0.0075i
11.9	-1.2032-0.0601i	-48.7695+5.1662i	0.8103+0.0614i	-2.6143+0.5383i	3.5269+0.2079i	1.1195-0.0736i	-2.6673+0.5441i	4.9056-0.0648i

12.0	-1.2661-0.0540i	-52.4807+6.2605i	0.8358+0.0665i	-2.7851+0.6633i	3.5334+0.1823i	1.1672-0.0981i	-2.8390+0.6695i	5.0400-0.1343i
12.1	-1.3326-0.0593i	-56.5842+6.7078i	0.8569+0.0859i	-2.9807+0.7872i	3.5416+0.2218i	1.2178-0.1094i	-3.0331+0.7918i	5.1991-0.1375i
12.2	-1.4167-0.0610i	-62.1261+8.7859i	0.9033+0.0930i	-3.2309+0.9971i	3.6205+0.1754i	1.3000-0.1480i	-3.2858+0.9999i	5.4664-0.2686i
12.3	-1.5093-0.0843i	-68.0763+10.4230i	0.9377+0.1063i	-3.5367+1.2302i	3.6495+0.1237i	1.3761-0.1961i	-3.5909+1.2339i	5.7177-0.3903i
12.4	-1.6247-0.0924i	-73.3056+13.9432i	0.9618+0.1320i	-3.7346+1.6503i	3.5950+0.1386i	1.4127-0.2693i	-3.7893+1.6512i	5.8650-0.5552i
12.5	-1.7890-0.0773i	-79.1488+18.5451i	1.0282+0.1658i	-3.8111+2.1427i	3.6245+0.2120i	1.4538-0.3411i	-3.8639+2.1399i	6.0856-0.7320i
12.6	-2.0341-0.1164i	-87.6349+22.8451i	1.1076+0.2306i	-3.9738+2.8058i	3.6443+0.2885i	1.5031-0.4359i	-4.0254+2.7952i	6.3876-0.9134i
12.7	-2.2545-0.1048i	-93.4475+27.3052i	1.1951+0.2661i	-3.9040+3.3197i	3.6979+0.3578i	1.5151-0.5111i	-3.9579+3.3059i	6.6013-1.0855i
12.8	-2.7454+0.0375i	-104.4937+35.9042i	1.4050+0.3166i	-3.5567+4.0905i	3.8256+0.6235i	1.5205-0.5946i	-3.6234+4.0676i	6.9966-1.3085i
12.9	-3.0877+0.2932i	-111.8656+45.2822i	1.5724+0.2806i	-3.1878+4.4595i	4.0356+0.7252i	1.5229-0.6483i	-3.2668+4.4352i	7.3160-1.6356i
13.0	-3.6902+0.8239i	-126.0056+61.4978i	1.8296+0.1895i	-2.8135+4.8739i	4.2582+0.9399i	1.5483-0.6980i	-2.9064+4.8508i	7.8727-2.1204i
13.1	-4.0432+1.3338i	-134.4920+75.0583i	1.9622+0.1237i	-2.6547+5.2019i	4.3806+1.2707i	1.5568-0.7040i	-2.7564+5.1731i	8.1779-2.4279i
13.2	-4.5030+2.3779i	-147.3054+103.8094i	2.1911-0.0450i	-2.4425+5.8382i	4.8588+1.7134i	1.6297-0.7654i	-2.5596+5.8071i	8.8253-3.2475i
13.3	-4.7789+3.7723i	-157.0851+141.2457i	2.4405-0.2089i	-2.1240+6.8865i	5.6887+2.4523i	1.7430-0.8333i	-2.2658+6.8469i	9.5759-4.2128i
13.4	-3.6872+5.7139i	-132.9000+192.9710i	2.6370-0.4990i	-0.5267+7.9268i	7.6118+2.8823i	1.8404-0.8844i	-0.7102+7.8926i	9.6141-5.7085i
13.5	-1.8359+6.6475i	-93.6195+220.8950i	2.8496-0.7571i	1.2502+7.9618i	10.1198+2.3119i	2.1042-0.9157i	1.0145+7.9430i	9.6294-6.7843i
13.6	0.6797+6.6796i	-37.9128+237.2490i	3.0769-1.3790i	3.3158+7.1109i	12.7791-0.5096i	2.4648-1.3300i	3.0381+7.1556i	9.2444-8.8519i
13.7	2.3990+5.5453i	-5.4817+230.7862i	3.3508-2.0909i	4.4055+5.6043i	14.5450-4.3563i	2.8913-1.9663i	4.0942+5.7400i	9.2565-10.7875i
13.8	2.9246+4.3516i	3.6868+221.6829i	3.4369-2.6939i	4.5164+4.4550i	14.7773-7.3688i	3.0755-2.5783i	4.2062+4.6601i	9.1832-12.1928i
13.9	3.0600+3.2477i	15.3746+228.1717i	3.2372-3.7009i	4.4322+3.5231i	13.6931-11.4858i	2.9410-3.6166i	4.1509+3.8213i	8.2528-14.8727i
14.0	2.8669+2.3416i	50.5924+233.6278i	2.1334-4.6142i	4.1992+2.7909i	9.3946-14.7730i	1.8779-4.5643i	4.0235+3.1675i	4.5207-17.1390i
14.1	2.6091+1.7564i	88.6695+230.7929i	0.9009-5.0566i	4.0577+2.2649i	4.9458-16.2406i	0.6589-5.0233i	3.9962+2.6800i	0.5965-17.9955i
14.2	2.3838+1.3580i	128.7188+207.2743i	-0.4374-4.8214i	3.8796+1.7084i	0.4397-15.4385i	-0.6655-4.7862i	3.9336+2.0961i	-3.5383-16.8241i
14.3	2.2086+1.0622i	155.5060+165.0293i	-1.4612-3.9714i	3.6254+1.1784i	-2.9200-12.6733i	-1.6679-3.9265i	3.7546+1.4820i	-6.6257-13.7733i
14.4	2.0376+0.8131i	161.3049+124.4635i	-1.8895-3.0545i	3.2958+0.7693i	-4.3545-9.7585i	-2.0744-3.0036i	3.4533+0.9936i	-7.8220-10.6093i
14.5	1.8377+0.6024i	154.5833+87.0977i	-1.9809-2.1277i	2.9056+0.4999i	-4.6929-6.8230i	-2.1443-2.0824i	3.0621+0.6513i	-7.8851-7.4767i
14.6	1.7093+0.5069i	146.1859+73.5259i	-1.8937-1.7869i	2.6595+0.4121i	-4.4238-5.8465i	-2.0451-1.7485i	2.8069+0.5363i	-7.4592-6.3862i
14.7	1.5747+0.3847i	135.7758+59.4333i	-1.7625-1.4283i	2.4008+0.3310i	-4.1516-4.8513i	-1.9026-1.3949i	2.5342+0.4333i	-7.0058-5.2364i
14.8	1.4223+0.2823i	126.3056+48.6203i	-1.6199-1.1261i	2.1958+0.2804i	-3.8772-3.9338i	-1.7521-1.0937i	2.3191+0.3615i	-6.5474-4.1945i
14.9	1.2664+0.2385i	116.5144+41.7238i	-1.4098-0.9146i	2.0380+0.2669i	-3.3194-3.2187i	-1.5337-0.8876i	2.1437+0.3316i	-5.7819-3.4323i
15.0	1.1751+0.2150i	111.7323+36.6416i	-1.3129-0.7937i	1.9290+0.2217i	-3.0802-2.8338i	-1.4323-0.7688i	2.0277+0.2768i	-5.4156-3.0228i
15.1	1.0898+0.2024i	106.0230+31.1701i	-1.2084-0.6828i	1.8189+0.1641i	-2.7606-2.4971i	-1.3223-0.6562i	1.9100+0.2118i	-4.9995-2.6754i
15.2	1.0105+0.1852i	98.0502+26.7945i	-1.0547-0.5868i	1.6967+0.1448i	-2.3141-2.1634i	-1.1627-0.5646i	1.7761+0.1862i	-4.4520-2.3340i
15.3	0.9633+0.1708i	93.2478+23.9854i	-0.9719-0.5258i	1.6060+0.1292i	-2.0792-1.9752i	-1.0741-0.5063i	1.6793+0.1670i	-4.1610-2.1262i
15.4	0.9178+0.1500i	88.5253+21.1458i	-0.8939-0.4642i	1.5036+0.1076i	-1.8925-1.7959i	-0.9908-0.4471i	1.5727+0.1421i	-3.9074-1.9160i
15.5	0.8823+0.1317i	84.4663+18.8016i	-0.8282-0.4164i	1.4151+0.0882i	-1.7522-1.6543i	-0.9206-0.3999i	1.4796+0.1207i	-3.7069-1.7430i
15.6	0.8535+0.1168i	80.8125+17.6283i	-0.7746-0.3903i	1.3434+0.0918i	-1.6222-1.5449i	-0.8627-0.3765i	1.4041+0.1229i	-3.5252-1.6220i
15.7	0.8335+0.0974i	78.1459+16.7373i	-0.7338-0.3667i	1.2950+0.0897i	-1.5068-1.4531i	-0.8204-0.3544i	1.3532+0.1187i	-3.3830-1.5027i
15.8	0.7938+0.0662i	73.7674+14.8579i	-0.6538-0.3167i	1.2120+0.0815i	-1.2795-1.2927i	-0.7366-0.3059i	1.2654+0.1084i	-3.0913-1.3014i
15.9	0.7676+0.0370i	70.4693+13.8301i	-0.5955-0.2917i	1.1548+0.0705i	-1.0953-1.2464i	-0.6763-0.2824i	1.2049+0.0953i	-2.8762-1.2117i
16.0	0.7508+0.0194i	68.4947+13.5831i	-0.5641-0.2848i	1.1188+0.0723i	-1.0133-1.2402i	-0.6444-0.2769i	1.1687+0.0953i	-2.7777-1.1801i
16.1	0.7274-0.0194i	65.7574+13.0065i	-0.5235-0.2611i	1.0735+0.0653i	-0.9168-1.1663i	-0.6028-0.2530i	1.1214+0.0857i	-2.6478-1.0609i
16.2	0.7077-0.0648i	63.7814+12.3592i	-0.4916-0.2295i	1.0251+0.0555i	-0.8672-1.0905i	-0.5675-0.2211i	1.0726+0.0734i	-2.5646-0.9187i
16.3	0.6765-0.1141i	61.8940+12.2326i	-0.4426-0.2226i	0.9871+0.0606i	-0.7535-1.0579i	-0.5155-0.2137i	1.0321+0.0757i	-2.4109-0.8160i
16.4	0.6409-0.1627i	60.4161+11.8725i	-0.4012-0.2142i	0.9457+0.0597i	-0.6694-1.0357i	-0.4706-0.2056i	0.9880+0.0713i	-2.2664-0.7161i
16.5	0.5688-0.2050i	58.9444+11.8624i	-0.3660-0.2226i	0.9085+0.0611i	-0.5756-1.0711i	-0.4329-0.2167i	0.9481+0.0726i	-2.0568-0.6865i
16.6	0.4720-0.2318i	57.8510+11.5327i	-0.3468-0.2307i	0.8773+0.0588i	-0.5463-1.1048i	-0.4112-0.2257i	0.9129+0.0687i	-1.8884-0.6837i
16.7	0.3986-0.2113i	56.9259+10.8761i	-0.3394-0.2216i	0.8445+0.0564i	-0.5826-1.0610i	-0.4010-0.2186i	0.8787+0.0650i	-1.7997-0.6757i
16.8	0.3530-0.1741i	55.7924+10.0501i	-0.3228-0.2033i	0.8147+0.0542i	-0.5746-0.9519i	-0.3824-0.2019i	0.8475+0.0607i	-1.7095-0.6381i
16.9	0.3594-0.1617i	54.5624+9.7650i	-0.2936-0.1954i	0.7928+0.0565i	-0.4569-0.8837i	-0.3518-0.1934i	0.8240+0.0598i	-1.6068-0.6133i
17.0	0.3237-0.1712i	53.3434+9.8227i	-0.2583-0.2017i	0.7727+0.0609i	-0.2727-0.9088i	-0.3147-0.2019i	0.7977+0.0646i	-1.4051-0.6253i
17.1	0.2641-0.1409i	52.6216+9.3480i	-0.2410-0.2126i	0.7411+0.0608i	-0.2321-0.9627i	-0.2972-0.2177i	0.7618+0.0662i	-1.2899-0.7205i
17.2	0.2393-0.0851i	51.6542+8.2215i	-0.2315-0.1992i	0.7158+0.0726i	-0.2144-0.8767i	-0.2870-0.2065i	0.7345+0.0777i	-1.2383-0.7333i
17.3	0.2633-0.0716i	50.1491+8.0985i	-0.2048-0.2072i	0.7103+0.0794i	-0.0484-0.9607i	-0.2614-0.2164i	0.7269+0.0855i	-1.1489-0.8222i
17.4	0.2745-0.0778i	48.9075+8.1868i	-0.1940-0.2329i	0.7034+0.0762i	0.0004-1.1514i	-0.2507-0.2441i	0.7200+0.0856i	-1.1345-0.9673i
17.5	0.2793-0.0931i	48.1921+8.0889i	-0.2016-0.2392i	0.6944+0.0627i	-0.0833-1.2419i	-0.2607-0.2495i	0.7099+0.0736i	-1.2158-1.0103i
17.6	0.2788-0.1164i	47.8148+7.9896i	-0.2130-0.2338i	0.6875+0.0560i	-0.1769-1.2582i	-0.2746-0.2443i	0.7018+0.0663i	-1.3089-0.9647i
17.7	0.2676-0.1410i	46.9540+7.8942i	-0.2155-0.2284i	0.6737+0.0427i	-0.2404-1.2804i	-0.2779-0.2363i	0.6877+0.0534i	-1.3391-0.9116i
17.8	0.2332-0.1682i	46.3309+7.7966i	-0.2140-0.2168i	0.6543+0.0183i	-0.3135-1.3165i	-0.2759-0.2232i	0.6695+0.0299i	-1.3293-0.8688i
17.9	0.1824-0.1784i	46.1954+7.5653i	-0.2194-0.2093i	0.6329+0.0087i	-0.4496-1.3026i	-0.2811-0.2147i	0.6484+0.0196i	-1.3445-0.8269i
18.0	0.1482-0.1608i	45.6078+7.2594i	-0.2109-0.1943i	0.6044+0.0063i	-0.5281-1.1797i	-0.2716-0.1973i	0.6182+0.0153i	-1.3245-0.7542i
18.1	0.1367-0.1400i	44.8405+7.0437i	-0.1999-0.1825i	0.5844+0.0175i	-0.5187-1.0651i	-0.2599-0.1862i	0.5974+0.0281i	-1.2861-0.6986i
18.2	0.1257-0.1373i	44.4209+6.8259i	-0.1940-0.1798i	0.5687+0.0174i	-0.5231-1.0214i	-0.2542-0.1805i	0.5825+0.0272i	-1.2656-0.6735i

18.3	0.1114-0.1280i	43.9635+6.4966i	-0.1889-0.1689i	0.5494+0.0056i	-0.5178-0.9731i	-0.2477-0.1678i	0.5631+0.0151i	-1.2232-0.6451i
18.4	0.0978-0.1164i	43.4817+5.9867i	-0.1887-0.1580i	0.5316-0.0026i	-0.5429-0.9369i	-0.2448-0.1567i	0.5442+0.0088i	-1.2136-0.6325i
18.5	0.0956-0.1158i	43.0749+5.9765i	-0.1932-0.1548i	0.5294+0.0002i	-0.5814-0.9146i	-0.2493-0.1531i	0.5430+0.0126i	-1.2562-0.6138i
18.6	0.0882-0.1270i	42.5827+6.0440i	-0.1943-0.1488i	0.5075-0.0095i	-0.6373-0.8826i	-0.2486-0.1440i	0.5230+0.0030i	-1.2854-0.5621i
18.7	0.0580-0.1318i	42.0277+5.7827i	-0.1795-0.1226i	0.4743-0.0046i	-0.6103-0.6997i	-0.2301-0.1188i	0.4876+0.0068i	-1.1839-0.4008i
18.8	0.0357-0.1148i	41.6197+5.6959i	-0.1622-0.1191i	0.4585+0.0033i	-0.5247-0.6580i	-0.2091-0.1165i	0.4698+0.0108i	-1.0656-0.4020i
18.9	0.0215-0.0970i	41.1349+5.3861i	-0.1500-0.1157i	0.4437+0.0011i	-0.4934-0.6549i	-0.1956-0.1133i	0.4544+0.0087i	-1.0132-0.4252i
19.0	0.0089-0.0822i	40.7707+5.0360i	-0.1449-0.1109i	0.4302-0.0048i	-0.4845-0.6276i	-0.1878-0.1071i	0.4409+0.0032i	-0.9785-0.4283i
19.1	0.0072-0.0704i	40.4678+4.7442i	-0.1426-0.1031i	0.4159-0.0075i	-0.4864-0.5877i	-0.1863-0.0999i	0.4283+0.0011i	-0.9741-0.4151i
19.2	0.0067-0.0570i	39.7467+4.7006i	-0.1284-0.1023i	0.3986-0.0014i	-0.4402-0.5737i	-0.1704-0.1011i	0.4089+0.0070i	-0.9217-0.4281i
19.3	0.0072-0.0502i	39.1613+4.6513i	-0.1154-0.1003i	0.3865+0.0066i	-0.4210-0.5525i	-0.1565-0.1004i	0.3965+0.0138i	-0.9012-0.4282i
19.4	0.0065-0.0465i	38.7430+4.5428i	-0.1065-0.0945i	0.3712+0.0033i	-0.4076-0.5264i	-0.1469-0.0944i	0.3792+0.0114i	-0.8807-0.4118i
19.5	0.0086-0.0375i	38.5094+4.4287i	-0.1072-0.0938i	0.3652-0.0162i	-0.3926-0.5297i	-0.1472-0.0937i	0.3742-0.0078i	-0.8781-0.4147i
19.6	0.0062-0.0362i	38.1224+4.3176i	-0.1032-0.0885i	0.3525-0.0180i	-0.4026-0.5147i	-0.1419-0.0875i	0.3633-0.0118i	-0.8797-0.4053i
19.7	0.0047-0.0336i	37.8634+4.2493i	-0.0983-0.0829i	0.3463-0.0216i	-0.4027-0.4929i	-0.1375-0.0824i	0.3557-0.0156i	-0.8760-0.3921i
19.8	0.0071-0.0294i	37.4796+4.3373i	-0.0932-0.0803i	0.3199-0.0272i	-0.4020-0.4678i	-0.1299-0.0778i	0.3290-0.0189i	-0.8631-0.3719i
19.9	0.0044-0.0312i	37.2219+4.3376i	-0.0872-0.0751i	0.3000-0.0199i	-0.3898-0.4360i	-0.1229-0.0737i	0.3086-0.0121i	-0.8366-0.3472i
20.0	0.0065-0.0328i	37.0272+4.1153i	-0.0824-0.0649i	0.2679-0.0244i	-0.3977-0.3717i	-0.1164-0.0629i	0.2781-0.0189i	-0.8248-0.2939i
20.1	0.0049-0.0297i	36.6705+3.9264i	-0.0737-0.0576i	0.2415-0.0303i	-0.3837-0.3390i	-0.1047-0.0554i	0.2500-0.0248i	-0.7901-0.2579i
20.2	-0.0023-0.0287i	36.5229+3.8445i	-0.0700-0.0547i	0.2315-0.0200i	-0.3735-0.3247i	-0.0993-0.0526i	0.2404-0.0129i	-0.7719-0.2524i
20.3	-0.0003-0.0269i	36.2917+3.8634i	-0.0642-0.0518i	0.2168-0.0105i	-0.3560-0.3049i	-0.0922-0.0503i	0.2251-0.0026i	-0.7520-0.2460i
20.4	0.0034-0.0239i	35.8569+3.8407i	-0.0556-0.0506i	0.1831-0.0008i	-0.3359-0.2775i	-0.0811-0.0493i	0.1922+0.0057i	-0.7182-0.2367i
20.5	0.0030-0.0257i	35.7922+3.8953i	-0.0538-0.0513i	0.1841+0.0218i	-0.3334-0.2714i	-0.0807-0.0517i	0.1950+0.0279i	-0.7207-0.2498i
20.6	0.0062-0.0276i	35.4636+3.7196i	-0.0468-0.0454i	0.1302+0.0254i	-0.3229-0.2411i	-0.0662-0.0455i	0.1399+0.0309i	-0.6849-0.2209i
20.7	0.0115-0.0291i	35.1194+3.5040i	-0.0377-0.0339i	0.0993+0.0371i	-0.2879-0.1824i	-0.0561-0.0387i	0.1067+0.0408i	-0.6392-0.1772i
20.8	0.0096-0.0300i	34.9201+3.5518i	-0.0317-0.0319i	0.0826+0.0487i	-0.2753-0.1746i	-0.0489-0.0393i	0.0904+0.0525i	-0.6129-0.1738i
20.9	0.0046-0.0405i	34.6328+3.6026i	-0.0209-0.0324i	0.0678+0.0877i	-0.2502-0.1729i	-0.0375-0.0430i	0.0740+0.0913i	-0.5674-0.1848i
21.0	0.0093-0.0511i	34.4621+3.4174i	-0.0186-0.0244i	0.0310+0.1151i	-0.2509-0.1450i	-0.0316-0.0371i	0.0376+0.1181i	-0.5435-0.1669i
21.1	0.0134-0.0576i	34.3364+3.3611i	-0.0121-0.0182i	-0.0096+0.1372i	-0.2455-0.1191i	-0.0227-0.0327i	-0.0019+0.1404i	-0.5193-0.1483i
21.2	0.0096-0.0829i	34.0616+3.3739i	-0.0006-0.0143i	-0.0158+0.2460i	-0.2023-0.0765i	-0.0122-0.0347i	-0.0072+0.2479i	-0.4706-0.1564i
21.3	-0.0179-0.0851i	33.9365+3.4473i	0.0033-0.0147i	0.0706+0.2730i	-0.1704-0.0657i	-0.0143-0.0392i	0.0762+0.2754i	-0.4756-0.1721i
21.4	-0.0235-0.0878i	33.7617+3.1441i	0.0075-0.0068i	0.0629+0.2805i	-0.1526-0.0347i	-0.0085-0.0299i	0.0675+0.2814i	-0.4424-0.1396i
21.5	-0.0220-0.0916i	33.5630+3.0542i	0.0147-0.0022i	0.0238+0.3009i	-0.1265-0.0145i	0.0037-0.0284i	0.0299+0.3017i	-0.3969-0.1321i
21.6	-0.0319-0.0989i	33.3627+2.8012i	0.0249+0.0030i	0.0120+0.3522i	-0.0936-0.0033i	0.0144-0.0282i	0.0181+0.3523i	-0.3547-0.1452i
21.7	-0.0421-0.0932i	33.1330+2.9905i	0.0320-0.0014i	0.0464+0.3515i	-0.0708-0.0178i	0.0174-0.0317i	0.0515+0.3526i	-0.3447-0.1641i
21.8	-0.0547-0.0931i	32.9193+2.9558i	0.0386+0.0015i	0.1006+0.3501i	-0.0469-0.0168i	0.0205-0.0287i	0.1055+0.3506i	-0.3403-0.1579i
21.9	-0.0743-0.1078i	32.4962+2.7922i	0.0521+0.0073i	0.1454+0.4272i	-0.0044-0.0009i	0.0346-0.0292i	0.1471+0.4262i	-0.2991-0.1778i
22.0	-0.0754-0.0996i	32.4252+2.7201i	0.0574+0.0104i	0.1318+0.3970i	0.0133+0.0074i	0.0388-0.0235i	0.1345+0.3958i	-0.2751-0.1609i
22.1	-0.0874-0.0960i	32.1779+2.5874i	0.0700+0.0120i	0.1451+0.4001i	0.0614+0.0077i	0.0513-0.0215i	0.1456+0.3981i	-0.2299-0.1662i
22.2	-0.0954-0.0952i	31.9734+2.8455i	0.0745+0.0074i	0.1893+0.4422i	0.0544-0.0036i	0.0543-0.0312i	0.1887+0.4392i	-0.2460-0.2059i
22.3	-0.1014-0.0921i	31.8520+2.8973i	0.0792+0.0113i	0.1937+0.4316i	0.0561+0.0261i	0.0602-0.0267i	0.1923+0.4279i	-0.2370-0.1870i
22.4	-0.0990-0.0786i	31.8645+2.6792i	0.0819+0.0132i	0.1462+0.3745i	0.0554+0.0137i	0.0668-0.0210i	0.1455+0.3727i	-0.2127-0.1681i
22.5	-0.0949-0.0792i	31.6935+2.6278i	0.0902+0.0137i	0.1427+0.3944i	0.0802+0.0199i	0.0749-0.0220i	0.1414+0.3912i	-0.1964-0.1735i
22.6	-0.1024-0.0877i	31.5201+2.7335i	0.0973+0.0128i	0.1555+0.4448i	0.0758+0.0232i	0.0806-0.0274i	0.1535+0.4427i	-0.1904-0.1934i
22.7	-0.1078-0.0857i	31.4859+2.7080i	0.1027+0.0161i	0.1579+0.4189i	0.0824+0.0304i	0.0878-0.0242i	0.1552+0.4167i	-0.1727-0.1736i
22.8	-0.1060-0.0761i	31.2691+2.6632i	0.1152+0.0174i	0.1319+0.4129i	0.1178+0.0241i	0.1039-0.0246i	0.1271+0.4106i	-0.1241-0.1861i
22.9	-0.1083-0.0830i	31.2795+2.7283i	0.1153+0.0140i	0.1346+0.4280i	0.1054+0.0031i	0.1089-0.0302i	0.1294+0.4244i	-0.1331-0.1942i
23.0	-0.1036-0.0972i	31.1857+2.7104i	0.1178+0.0145i	0.1179+0.5047i	0.0907+0.0138i	0.1134-0.0403i	0.1135+0.5003i	-0.1304-0.2172i
23.1	-0.1017-0.1035i	31.0296+2.5120i	0.1261+0.0244i	0.0867+0.5783i	0.0944+0.0749i	0.1248-0.0459i	0.0816+0.5755i	-0.1037-0.2222i
23.2	-0.1098-0.1156i	30.8873+2.3870i	0.1332+0.0304i	0.1037+0.6464i	0.1002+0.1131i	0.1290-0.0490i	0.0962+0.6443i	-0.0924-0.2156i
23.3	-0.1196-0.1279i	30.8143+2.4301i	0.1447+0.0303i	0.1594+0.7183i	0.1455+0.1210i	0.1292-0.0585i	0.1522+0.7153i	-0.0875-0.2393i
23.4	-0.1414-0.1470i	30.3364+2.1820i	0.1652+0.0365i	0.2691+0.7855i	0.2154+0.1339i	0.1340-0.0595i	0.2623+0.7831i	-0.0584-0.2419i
23.5	-0.1732-0.1528i	30.0271+2.3637i	0.1829+0.0303i	0.4009+0.8144i	0.2889+0.1124i	0.1340-0.0659i	0.3912+0.8117i	-0.0451-0.2470i
23.6	-0.2032-0.1557i	30.1537+2.5055i	0.1854+0.0218i	0.5312+0.8090i	0.2848+0.0899i	0.1177-0.0717i	0.5231+0.8073i	-0.0824-0.2492i
23.7	-0.2303-0.1542i	30.0964+2.6084i	0.1966+0.0183i	0.6434+0.7502i	0.3158+0.0425i	0.1164-0.0648i	0.6342+0.7495i	-0.0651-0.2370i
23.8	-0.2545-0.1399i	29.8846+2.5986i	0.2114+0.0146i	0.6960+0.6906i	0.3701+0.0186i	0.1269-0.0587i	0.6833+0.6881i	-0.0104-0.2342i
23.9	-0.2726-0.1089i	29.8270+2.6191i	0.2147+0.0101i	0.7333+0.5833i	0.3605+0.0090i	0.1286-0.0520i	0.7196+0.5815i	-0.0019-0.2244i
24.0	-0.2822-0.0803i	29.6536+2.5961i	0.2221+0.0043i	0.7363+0.4658i	0.3551-0.0085i	0.1380-0.0455i	0.7248+0.4669i	0.0286-0.2187i
24.1	-0.2922-0.0701i	29.3954+2.5372i	0.2317+0.0035i	0.7553+0.4394i	0.3694-0.0293i	0.1471-0.0426i	0.7420+0.4401i	0.0604-0.2203i
24.2	-0.3114-0.0552i	29.3492+2.5634i	0.2319+0.0009i	0.7816+0.3667i	0.3317-0.0386i	0.1485-0.0386i	0.7682+0.3669i	0.0775-0.2116i
24.3	-0.3161-0.0403i	29.2055+2.6473i	0.2401-0.0030i	0.7746+0.3150i	0.3248-0.0427i	0.1594-0.0347i	0.7608+0.3161i	0.1124-0.2120i
24.4	-0.3085-0.0286i	29.2482+2.7084i	0.2422-0.0068i	0.7267+0.2956i	0.3137-0.0467i	0.1657-0.0371i	0.7133+0.2976i	0.1312-0.2178i
24.5	-0.3061-0.0156i	29.2395+2.6848i	0.2473-0.0076i	0.7007+0.2621i	0.3166-0.0483i	0.1754-0.0363i	0.6878+0.2640i	0.1621-0.2162i

24.6	-0.3122-0.0020i	29.2456+2.6611i	0.2541-0.0122i	0.7072+0.2470i	0.3181-0.0490i	0.1837-0.0395i	0.6938+0.2494i	0.1854-0.2368i
24.7	-0.2990+0.0145i	29.1568+2.6782i	0.2615-0.0199i	0.6487+0.2297i	0.3198-0.0536i	0.1963-0.0461i	0.6328+0.2325i	0.2200-0.2749i
24.8	-0.2933+0.0280i	29.0608+2.6111i	0.2651-0.0155i	0.6034+0.1935i	0.2954-0.0300i	0.2039-0.0400i	0.5876+0.1947i	0.2331-0.2683i
24.9	-0.2996+0.0375i	28.9008+2.4914i	0.2750-0.0131i	0.6052+0.1602i	0.2973-0.0302i	0.2145-0.0357i	0.5892+0.1619i	0.2784-0.2707i
25.0	-0.2967+0.0422i	28.8560+2.5163i	0.2771-0.0198i	0.6088+0.1528i	0.2817-0.0526i	0.2166-0.0420i	0.5945+0.1556i	0.2895-0.2859i
25.1	-0.2870+0.0521i	28.8691+2.5516i	0.2780-0.0185i	0.5905+0.1309i	0.2576-0.0290i	0.2188-0.0404i	0.5769+0.1327i	0.2951-0.2952i
25.2	-0.2854+0.0544i	28.8303+2.4507i	0.2836-0.0157i	0.5820+0.1391i	0.2558-0.0083i	0.2277-0.0388i	0.5659+0.1405i	0.3313-0.2899i
25.3	-0.2834+0.0579i	28.6683+2.4491i	0.2881-0.0194i	0.5511+0.1426i	0.2230+0.0058i	0.2355-0.0419i	0.5349+0.1448i	0.3470-0.3046i
25.4	-0.2751+0.0658i	28.4669+2.3724i	0.2952-0.0214i	0.5488+0.1267i	0.2094+0.0137i	0.2426-0.0418i	0.5321+0.1297i	0.3773-0.3297i
25.5	-0.2723+0.0673i	28.4838+2.3173i	0.3001-0.0193i	0.5356+0.1226i	0.1984+0.0453i	0.2482-0.0407i	0.5190+0.1275i	0.3985-0.3344i
25.6	-0.2662+0.0658i	28.4916+2.3152i	0.3067-0.0128i	0.5186+0.1335i	0.2120+0.1210i	0.2564-0.0342i	0.5011+0.1353i	0.4268-0.3117i
25.7	-0.2648+0.0627i	28.4788+2.1543i	0.3130-0.0099i	0.4989+0.1320i	0.2019+0.1501i	0.2657-0.0329i	0.4805+0.1311i	0.4583-0.3111i
25.8	-0.2648+0.0630i	28.4188+2.0745i	0.3258-0.0122i	0.4849+0.1219i	0.2055+0.1459i	0.2823-0.0370i	0.4651+0.1224i	0.5132-0.3321i
25.9	-0.2672+0.0674i	28.3697+2.2035i	0.3329-0.0184i	0.4785+0.1173i	0.1928+0.1572i	0.2897-0.0438i	0.4578+0.1200i	0.5432-0.3753i
26.0	-0.2656+0.0648i	28.1583+2.1880i	0.3464-0.0234i	0.4710+0.1233i	0.2010+0.1796i	0.3053-0.0489i	0.4484+0.1269i	0.5996-0.4161i
26.1	-0.2600+0.0630i	28.1541+2.0390i	0.3535-0.0224i	0.4574+0.1341i	0.2036+0.2364i	0.3129-0.0491i	0.4353+0.1365i	0.6339-0.4364i
26.2	-0.2604+0.0688i	28.0813+2.0295i	0.3615-0.0308i	0.4503+0.1453i	0.2257+0.2777i	0.3213-0.0608i	0.4275+0.1494i	0.6770-0.4962i
26.3	-0.2589+0.0709i	28.0574+2.0291i	0.3670-0.0338i	0.4359+0.1532i	0.2082+0.3459i	0.3266-0.0645i	0.4138+0.1576i	0.6971-0.5292i
26.4	-0.2522+0.0650i	28.0044+1.8332i	0.3690-0.0283i	0.4166+0.1597i	0.1926+0.4352i	0.3294-0.0602i	0.3959+0.1616i	0.7159-0.5429i
26.5	-0.2543+0.0641i	27.8284+1.5529i	0.3779-0.0240i	0.4255+0.1723i	0.2408+0.4939i	0.3385-0.0588i	0.4052+0.1723i	0.7759-0.5755i
26.6	-0.2520+0.0548i	27.6559+1.2634i	0.3905-0.0223i	0.4224+0.1837i	0.3000+0.5398i	0.3529-0.0577i	0.3985+0.1839i	0.8423-0.6077i
26.7	-0.2470+0.0484i	27.5419+1.2874i	0.4000-0.0253i	0.4149+0.1804i	0.3571+0.5549i	0.3627-0.0607i	0.3885+0.1827i	0.8788-0.6651i
26.8	-0.2436+0.0369i	27.4583+1.3636i	0.4075-0.0251i	0.4100+0.1882i	0.4027+0.5913i	0.3695-0.0608i	0.3842+0.1901i	0.8898-0.7139i
26.9	-0.2423+0.0263i	27.3576+1.1504i	0.4148-0.0229i	0.3893+0.1988i	0.4113+0.6563i	0.3773-0.0574i	0.3632+0.1979i	0.9269-0.7799i
27.0	-0.2451+0.0146i	27.2696+1.0799i	0.4266-0.0301i	0.3800+0.2201i	0.4396+0.6842i	0.3908-0.0665i	0.3517+0.2176i	0.9575-0.9224i
27.1	-0.2500-0.0027i	27.2635+0.8729i	0.4339-0.0250i	0.3783+0.2566i	0.4763+0.7585i	0.3956-0.0650i	0.3468+0.2569i	0.9334-1.0389i
27.2	-0.2569-0.0180i	26.7721+0.6658i	0.4449-0.0246i	0.3777+0.2984i	0.5588+0.8657i	0.4104-0.0658i	0.3443+0.3001i	0.9379-1.1491i
27.3	-0.2787-0.0376i	26.2707+0.5229i	0.4625-0.0195i	0.4062+0.3402i	0.6792+0.9586i	0.4243-0.0610i	0.3705+0.3418i	0.8666-1.2507i
27.4	-0.2973-0.0607i	26.1101+0.3801i	0.4823-0.0165i	0.4465+0.3780i	0.8488+1.0150i	0.4398-0.0581i	0.4074+0.3767i	0.8105-1.3136i
27.5	-0.3211-0.0721i	25.7765+0.5123i	0.4976-0.0244i	0.4915+0.4097i	1.0415+1.0158i	0.4539-0.0692i	0.4508+0.4124i	0.7141-1.4164i
27.6	-0.3518-0.0845i	25.3249+0.2367i	0.5134-0.0143i	0.5399+0.4258i	1.1689+1.0283i	0.4701-0.0597i	0.4988+0.4301i	0.6057-1.4203i
27.7	-0.3826-0.0877i	24.8095+0.2338i	0.5485-0.0108i	0.5898+0.4147i	1.3447+0.9955i	0.5009-0.0528i	0.5440+0.4181i	0.5616-1.3637i
27.8	-0.4177-0.0876i	24.3513+0.4679i	0.5789-0.0121i	0.6353+0.3937i	1.5378+0.9455i	0.5322-0.0489i	0.5861+0.3972i	0.5389-1.2926i
27.9	-0.4483-0.0740i	24.4374+0.8910i	0.5910-0.0351i	0.6731+0.3495i	1.6572+0.7488i	0.5464-0.0682i	0.6250+0.3567i	0.4744-1.2648i
28.0	-0.4776-0.0604i	24.4972+1.1321i	0.6086-0.0489i	0.7032+0.3123i	1.7067+0.5843i	0.5641-0.0771i	0.6534+0.3235i	0.4333-1.2055i
28.1	-0.5083-0.0476i	24.0864+1.3676i	0.6384-0.0670i	0.7247+0.2925i	1.7864+0.4598i	0.5969-0.0931i	0.6709+0.3056i	0.4876-1.2056i
28.2	-0.5321-0.0356i	23.9362+1.4657i	0.6596-0.0821i	0.7380+0.2717i	1.8429+0.3638i	0.6209-0.1056i	0.6845+0.2854i	0.5218-1.2119i
28.3	-0.5593-0.0219i	23.7221+1.6599i	0.6772-0.1052i	0.7494+0.2405i	1.8745+0.2382i	0.6460-0.1247i	0.6939+0.2568i	0.5413-1.2015i
28.4	-0.5750-0.0122i	23.8503+1.6348i	0.6787-0.1214i	0.7424+0.2161i	1.8429+0.1174i	0.6554-0.1402i	0.6861+0.2369i	0.5464-1.2085i
28.5	-0.5981+0.0189i	23.5567+2.3724i	0.6896-0.1521i	0.7525+0.1842i	1.8412-0.0308i	0.6748-0.1700i	0.6961+0.2115i	0.5591-1.2524i
28.6	-0.6257+0.0323i	23.1558+2.3497i	0.7039-0.1603i	0.7663+0.1638i	1.8270-0.0761i	0.6937-0.1776i	0.7090+0.1896i	0.5633-1.2277i
28.7	-0.6443+0.0518i	23.2677+2.2537i	0.7125-0.1698i	0.7601+0.1413i	1.7915-0.1415i	0.7113-0.1886i	0.7050+0.1689i	0.5708-1.2302i
28.8	-0.6640+0.0617i	22.9730+2.0699i	0.7333-0.1773i	0.7582+0.1392i	1.7940-0.1906i	0.7414-0.1992i	0.7021+0.1671i	0.6300-1.2294i
28.9	-0.6976+0.0724i	22.8227+2.0707i	0.7558-0.1995i	0.7625+0.1292i	1.7973-0.2743i	0.7704-0.2221i	0.7055+0.1604i	0.7141-1.2663i
29.0	-0.7144+0.1006i	22.8723+2.2552i	0.7589-0.2243i	0.7585+0.1073i	1.7491-0.3688i	0.7798-0.2508i	0.7012+0.1411i	0.7203-1.3106i
29.1	-0.7312+0.1183i	22.8496+2.5498i	0.7656-0.2407i	0.7506+0.0901i	1.7054-0.4373i	0.7931-0.2706i	0.6923+0.1257i	0.7226-1.3349i
29.2	-0.7599+0.1375i	22.5993+2.6410i	0.7768-0.2542i	0.7560+0.0845i	1.7030-0.4742i	0.8135-0.2893i	0.6963+0.1217i	0.7743-1.3762i
29.3	-0.7876+0.1607i	22.2435+2.4318i	0.7923-0.2788i	0.7529+0.0808i	1.6804-0.5561i	0.8450-0.3172i	0.6916+0.1213i	0.8408-1.4474i
29.4	-0.8173+0.1630i	22.3529+2.0357i	0.8034-0.2804i	0.7385+0.0777i	1.6341-0.5584i	0.8675-0.3206i	0.6776+0.1177i	0.9083-1.4248i
29.5	-0.8445+0.2037i	22.2112+2.6230i	0.8197-0.3067i	0.7448+0.0460i	1.6043-0.6146i	0.8880-0.3526i	0.6842+0.0914i	0.9156-1.4787i
29.6	-0.8717+0.2388i	21.6792+2.9302i	0.8405-0.3336i	0.7542+0.0272i	1.6088-0.6695i	0.9156-0.3837i	0.6923+0.0771i	0.9505-1.5442i
29.7	-0.8980+0.2598i	21.6915+2.4866i	0.8515-0.3376i	0.7486+0.0325i	1.5516-0.6749i	0.9376-0.3966i	0.6855+0.0804i	0.9970-1.5603i
29.8	-0.9220+0.3013i	21.6947+2.7430i	0.8455-0.3640i	0.7358+0.0331i	1.4754-0.7213i	0.9468-0.4398i	0.6757+0.0841i	1.0092-1.6422i
29.9	-0.9377+0.3431i	21.5269+2.9706i	0.8621-0.3940i	0.7215+0.0153i	1.4900-0.7744i	0.9739-0.4768i	0.6620+0.0704i	1.0684-1.7339i
30.0	-0.9648+0.3942i	21.4259+3.3849i	0.8631-0.4237i	0.7252+0.0081i	1.4188-0.7900i	0.9836-0.5222i	0.6696+0.0638i	1.0605-1.8096i
30.1	-1.0208+0.4460i	20.6132+3.4200i	0.8786-0.4608i	0.7348+0.0098i	1.3633-0.8461i	1.0215-0.5756i	0.6810+0.0722i	1.0863-1.9421i
30.2	-1.0730+0.4935i	20.3365+3.5777i	0.8855-0.5027i	0.7375+0.0112i	1.3185-0.9165i	1.0459-0.6362i	0.6831+0.0773i	1.1399-2.0858i
30.3	-1.0797+0.5418i	20.6454+4.3164i	0.8965-0.5031i	0.7370+0.0025i	1.2988-0.8959i	1.0575-0.6617i	0.6828+0.0700i	1.1212-2.0746i
30.4	-1.1260+0.6016i	20.2635+3.9308i	0.9161-0.5346i	0.7323+0.0053i	1.2642-0.9327i	1.0952-0.7110i	0.6741+0.0747i	1.2160-2.1979i
30.5	-1.2004+0.6572i	19.5499+3.0061i	0.9268-0.5558i	0.7367+0.0303i	1.1872-0.9342i	1.1274-0.7507i	0.6771+0.1016i	1.3177-2.3561i
30.6	-1.2495+0.7590i	18.8573+3.5033i	0.9223-0.6072i	0.7477+0.0052i	1.0783-0.9695i	1.1397-0.8298i	0.6924+0.0829i	1.2911-2.5126i
30.7	-1.2603+0.8553i	19.0010+3.8334i	0.9049-0.6334i	0.7383-0.0017i	0.9865-0.9709i	1.1317-0.8902i	0.6856+0.0795i	1.2727-2.6165i
30.8	-1.2822+0.9920i	18.6795+3.9267i	0.9037-0.6461i	0.7498-0.0028i	0.9342-0.8962i	1.1390-0.9505i	0.6999+0.0794i	1.2620-2.7589i

30.9	-1.3008+1.1149i	18.3661+4.3060i	0.8978-0.6808i	0.7584-0.0084i	0.8798-0.8685i	1.1406-1.0202i	0.7119+0.0717i	1.2718-2.9280i
31.0	-1.2610+1.2719i	17.5561+4.8960i	0.8927-0.7009i	0.7917-0.0159i	0.8211-0.8156i	1.1172-1.1030i	0.7480+0.0688i	1.1516-3.1087i
31.1	-1.2828+1.4155i	16.6346+4.8139i	0.8921-0.7187i	0.8070-0.0131i	0.7556-0.7239i	1.1247-1.1688i	0.7627+0.0748i	1.1609-3.2965i
31.2	-1.2402+1.5477i	16.3823+5.1594i	0.8898-0.7098i	0.7982-0.0040i	0.7350-0.5998i	1.1195-1.2172i	0.7552+0.0820i	1.0949-3.3923i
31.3	-1.1739+1.7403i	16.1521+5.6834i	0.9105-0.7198i	0.8231-0.0009i	0.7485-0.5042i	1.1088-1.3057i	0.7794+0.0892i	1.0439-3.6152i
31.4	-1.1464+1.8749i	14.9699+5.2224i	0.9517-0.7113i	0.8590-0.0102i	0.8124-0.3524i	1.1385-1.3407i	0.8097+0.0810i	1.0508-3.7621i
31.5	-0.9971+2.1112i	13.9851+6.5259i	0.9733-0.7291i	0.9038-0.0053i	0.8595-0.2115i	1.1004-1.4630i	0.8590+0.0848i	0.8941-4.0400i
31.6	-0.8793+2.2450i	13.7003+7.4666i	0.9828-0.7317i	0.9431-0.0071i	0.9035-0.1437i	1.0529-1.5274i	0.9006+0.0845i	0.7351-4.1838i
31.7	-0.6841+2.4190i	12.6752+8.4440i	1.0274-0.7634i	0.9893-0.0110i	1.0011-0.0415i	1.0200-1.6392i	0.9422+0.0867i	0.5437-4.4391i
31.8	-0.5714+2.6627i	10.4314+8.1008i	1.1428-0.7734i	1.0379-0.0031i	1.2302+0.1082i	1.0849-1.7528i	0.9839+0.1039i	0.5214-4.8157i
31.9	-0.4814+2.8100i	8.8885+7.3289i	1.2593-0.7346i	1.1071+0.0347i	1.4466+0.2480i	1.1387-1.7968i	1.0525+0.1467i	0.4978-4.9828i
32.0	-0.0755+2.9488i	8.6843+10.2898i	1.3048-0.8272i	1.2179-0.0358i	1.6603+0.2602i	0.9698-1.9353i	1.1666+0.0804i	-0.0090-5.2298i
32.1	0.2587+2.9301i	9.4478+12.3183i	1.3091-0.9136i	1.2554-0.1482i	1.8073+0.2352i	0.8230-1.9728i	1.2069-0.0269i	-0.4278-5.2645i
32.2	0.5191+2.9427i	8.6175+13.2954i	1.3876-0.9874i	1.2878-0.1718i	2.1066+0.1675i	0.7918-2.0622i	1.2372-0.0398i	-0.7279-5.3899i
32.3	0.9463+2.9635i	7.4512+15.5509i	1.4880-1.1517i	1.3705-0.2905i	2.4792+0.0256i	0.6786-2.1866i	1.3189-0.1446i	-1.2122-5.5827i
32.4	1.5274+2.9560i	5.3715+20.4137i	1.6012-1.4596i	1.4942-0.5395i	2.9588-0.2600i	0.5020-2.3985i	1.4566-0.3724i	-1.9392-5.7831i
32.5	1.8640+2.7472i	5.5283+23.7694i	1.5872-1.6755i	1.4989-0.7319i	3.1601-0.5515i	0.3445-2.4492i	1.4732-0.5566i	-2.4267-5.6513i
32.6	2.3242+2.4288i	6.2759+28.7862i	1.5242-2.0124i	1.4388-1.0182i	3.4382-1.0931i	0.1302-2.5244i	1.4330-0.8315i	-3.1317-5.4621i
32.7	2.5487+1.9926i	9.0715+31.6962i	1.3529-2.2241i	1.2641-1.2073i	3.4480-1.6227i	-0.0475-2.4786i	1.2823-1.0195i	-3.5575-4.9766i
32.8	2.7858+1.6028i	9.7199+35.1687i	1.2593-2.4921i	1.1038-1.4034i	3.5842-2.2407i	-0.1346-2.5025i	1.1380-1.2111i	-3.8948-4.6054i
32.9	2.7675+1.1112i	13.9998+36.9949i	0.9939-2.5777i	0.8484-1.4297i	3.2896-2.7216i	-0.2768-2.4047i	0.9048-1.2492i	-3.9741-3.9580i
33.0	2.7972+0.5796i	17.9115+40.9447i	0.6985-2.8013i	0.5698-1.4982i	3.0202-3.4444i	-0.4509-2.4145i	0.6474-1.3169i	-4.1394-3.4904i
33.1	2.9179+0.2131i	18.4702+45.3000i	0.5610-3.1900i	0.4171-1.6264i	2.9601-4.3190i	-0.5500-2.6097i	0.5123-1.4409i	-4.3468-3.4533i
33.2	2.6321-0.3939i	26.3209+48.4820i	-0.0667-3.3540i	-0.0059-1.5565i	1.8873-5.1256i	-0.8646-2.5998i	0.1143-1.3884i	-4.4678-2.9718i
33.3	2.2703-0.7111i	33.1375+48.6964i	-0.5928-3.2495i	-0.2364-1.3746i	0.8183-5.2844i	-1.1540-2.4933i	-0.0962-1.2290i	-4.5363-2.5878i
33.4	1.8495-0.8431i	37.8953+45.7139i	-0.9592-3.0226i	-0.3441-1.1353i	-0.1636-5.1291i	-1.3234-2.3323i	-0.1986-1.0120i	-4.4497-2.2969i
33.5	1.5189-0.9877i	42.3726+44.1751i	-1.3801-2.8264i	-0.4798-0.9491i	-1.1977-4.9646i	-1.5577-2.1799i	-0.3260-0.8503i	-4.5382-1.9353i
33.6	1.2921-0.8714i	42.9149+40.1985i	-1.3836-2.5560i	-0.3892-0.8001i	-1.5196-4.4068i	-1.5281-2.0285i	-0.2454-0.7141i	-4.2987-1.8434i
33.7	1.0949-0.8275i	44.5820+38.4762i	-1.5546-2.3252i	-0.3636-0.6708i	-2.0571-3.9140i	-1.6466-1.8951i	-0.2205-0.5975i	-4.2843-1.6360i
33.8	0.8474-0.6777i	46.8037+33.2511i	-1.5211-1.8048i	-0.2844-0.4777i	-2.1685-2.9167i	-1.5861-1.5171i	-0.1546-0.4270i	-3.9069-1.2036i
33.9	0.6416-0.5712i	48.9181+29.6601i	-1.5247-1.3910i	-0.2309-0.3361i	-2.2799-2.0616i	-1.5614-1.2154i	-0.1127-0.3012i	-3.6074-0.8442i
34.0	0.4983-0.5049i	50.9863+27.0396i	-1.5354-1.0584i	-0.2114-0.2293i	-2.3385-1.3799i	-1.5454-0.9658i	-0.1026-0.2083i	-3.3307-0.5368i
34.1	0.4596-0.4342i	50.7988+25.0829i	-1.4167-0.9216i	-0.1644-0.2049i	-2.1539-1.0238i	-1.4362-0.8581i	-0.0661-0.1883i	-3.0483-0.4878i
34.2	0.4634-0.3931i	49.7648+24.0095i	-1.2959-0.8774i	-0.1283-0.1791i	-1.9357-0.8482i	-1.3261-0.8490i	-0.0423-0.1616i	-2.8528-0.5834i
34.3	0.3558-0.3854i	51.2947+23.1831i	-1.3416-0.7284i	-0.0974-0.0936i	-1.9057-0.5012i	-1.3712-0.7735i	-0.0133-0.0844i	-2.7502-0.5608i
34.4	0.2749-0.3346i	52.0798+21.4344i	-1.2866-0.5821i	-0.0479-0.0440i	-1.7741-0.2034i	-1.3228-0.6751i	0.0297-0.0352i	-2.5789-0.5677i
34.5	0.1956-0.2397i	52.2239+18.9058i	-1.1552-0.4191i	0.0271-0.0038i	-1.5500+0.1041i	-1.2143-0.5676i	0.0975+0.0055i	-2.3557-0.6140i
34.6	0.2071-0.1444i	50.7374+17.1633i	-0.9668-0.4181i	0.1082-0.0124i	-1.2541+0.1643i	-1.0757-0.5931i	0.1705+0.0016i	-2.2504-0.8422i
34.7	0.2177-0.0415i	49.3948+15.1793i	-0.7562-0.3796i	0.1628-0.0069i	-0.9396+0.2881i	-0.8998-0.5873i	0.2152+0.0108i	-2.0798-1.0373i
34.8	0.1605+0.0575i	50.8832+13.1697i	-0.6744-0.1630i	0.2351-0.0065i	-0.7012+0.5764i	-0.8815-0.3875i	0.2853+0.0037i	-2.0678-0.8593i
34.9	0.1650+0.1001i	50.7611+12.8815i	-0.6276-0.1332i	0.2835-0.0209i	-0.5361+0.6858i	-0.8762-0.3696i	0.3316-0.0127i	-2.1679-0.8910i
35.0	0.1886+0.1481i	50.1034+12.7487i	-0.5833-0.1191i	0.3132-0.0192i	-0.3780+0.7478i	-0.8742-0.3819i	0.3613-0.0137i	-2.2728-0.9374i
35.1	0.2136+0.2188i	50.0896+11.0391i	-0.4580-0.0613i	0.3338-0.0596i	-0.1150+0.7937i	-0.7828-0.3041i	0.3754-0.0526i	-2.2030-0.8593i
35.2	0.2336+0.2467i	50.1356+10.1787i	-0.3923-0.0291i	0.3515-0.0834i	0.0407+0.8009i	-0.7417-0.2567i	0.3862-0.0785i	-2.2105-0.7604i
35.3	0.2779+0.2664i	49.8650+9.6931i	-0.2940+0.0036i	0.3720-0.0855i	0.2276+0.8069i	-0.6741-0.2125i	0.4067-0.0829i	-2.1797-0.6883i
35.4	0.3491+0.2663i	48.8454+9.3067i	-0.2052-0.1089i	0.3776-0.1086i	0.3947+0.5969i	-0.6011-0.3068i	0.4112-0.0991i	-2.1988-0.7657i
35.5	0.4259+0.2595i	47.5700+9.0558i	-0.1147-0.2257i	0.3917-0.1321i	0.5806+0.4234i	-0.5387-0.4065i	0.4243-0.1157i	-2.2313-0.8636i
35.6	0.4441+0.2728i	47.6713+8.0628i	-0.0257-0.1752i	0.3959-0.1446i	0.6722+0.4385i	-0.4519-0.3361i	0.4239-0.1335i	-2.0803-0.7520i
35.7	0.4765+0.2252i	47.1233+8.5794i	-0.0221-0.2620i	0.4088-0.1559i	0.7068+0.2599i	-0.4611-0.4055i	0.4393-0.1457i	-2.1603-0.7547i
35.8	0.5554+0.2201i	46.0252+7.5704i	0.1370-0.3824i	0.4338-0.1851i	0.9214+0.0414i	-0.3230-0.4924i	0.4579-0.1660i	-2.0480-0.8819i
35.9	0.5647+0.1952i	45.8271+7.0744i	0.1426-0.4367i	0.4246-0.1998i	0.8969-0.0560i	-0.3139-0.5383i	0.4504-0.1793i	-2.0429-0.8603i
36.0	0.5860+0.1810i	45.4603+6.6788i	0.1588-0.4738i	0.4256-0.2066i	0.8866-0.1067i	-0.2981-0.5745i	0.4535-0.1856i	-2.0556-0.8665i
36.1	0.5720+0.1405i	46.0909+7.0161i	0.1551-0.4474i	0.4360-0.2091i	0.8381-0.1030i	-0.3001-0.5410i	0.4640-0.1945i	-1.9821-0.7429i
36.2	0.6017+0.1439i	46.3464+5.7629i	0.3233-0.4371i	0.4415-0.1943i	1.0039-0.1502i	-0.1188-0.5251i	0.4524-0.1772i	-1.7069-0.7801i
36.3	0.6002+0.1234i	46.4342+5.4877i	0.3644-0.4408i	0.4493-0.2016i	1.0096-0.1690i	-0.0819-0.5217i	0.4550-0.1831i	-1.6255-0.7575i
36.4	0.6018+0.0878i	46.2606+5.0148i	0.3780-0.5152i	0.4725-0.2165i	0.9385-0.2541i	-0.0737-0.5940i	0.4802-0.1970i	-1.6081-0.8082i
36.5	0.5874+0.0728i	45.9092+4.9667i	0.3334-0.5648i	0.4644-0.2340i	0.8723-0.2764i	-0.1070-0.6449i	0.4729-0.2107i	-1.6594-0.8300i
36.6	0.6025+0.0415i	45.5141+5.1000i	0.3161-0.6327i	0.4637-0.2735i	0.8750-0.3594i	-0.1242-0.6992i	0.4725-0.2482i	-1.6959-0.8211i
36.7	0.6213+0.0093i	45.8491+4.6695i	0.3761-0.6443i	0.4729-0.2865i	0.8901-0.4303i	-0.0718-0.7243i	0.4794-0.2602i	-1.5755-0.7956i
36.8	0.6106-0.0433i	45.2578+4.9005i	0.3541-0.7337i	0.4633-0.3119i	0.8168-0.5506i	-0.0923-0.8156i	0.4717-0.2821i	-1.5722-0.8324i
36.9	0.6155-0.0636i	45.3892+4.3299i	0.4288-0.7863i	0.4708-0.3199i	0.8371-0.5817i	-0.0213-0.8735i	0.4774-0.2907i	-1.4294-0.8973i
37.0	0.6327-0.0967i	45.0696+3.4999i	0.5085-0.8622i	0.4740-0.3434i	0.8870-0.6568i	0.0396-0.9694i	0.4766-0.3102i	-1.3266-1.0159i
37.1	0.6321-0.1357i	44.7626+2.9013i	0.5308-0.9795i	0.4664-0.3852i	0.8674-0.7681i	0.0432-1.0722i	0.4608-0.3489i	-1.2670-1.1342i

37.2	0.6047−0.1745i	44.2734+3.1905i	0.4531−1.0698i	0.4307−0.4098i	0.7401−0.8431i	−0.0408−1.1643i	0.4299−0.3696i	−1.3395−1.2277i
37.3	0.5773−0.2055i	43.9773+3.0237i	0.4101−1.1106i	0.3927−0.4294i	0.6609−0.8650i	−0.0879−1.1962i	0.3949−0.3856i	−1.3628−1.2681i
37.4	0.5501−0.2416i	44.3548+2.5872i	0.4639−1.1298i	0.3707−0.4401i	0.6260−0.8753i	−0.0464−1.2152i	0.3673−0.3907i	−1.2691−1.3473i
37.5	0.5179−0.2565i	44.1366+2.0082i	0.4299−1.2110i	0.3317−0.4464i	0.4827−0.8930i	−0.0885−1.3004i	0.3317−0.3955i	−1.2625−1.4506i
37.6	0.5078−0.2898i	43.5833+1.8608i	0.3967−1.3142i	0.3189−0.4615i	0.3670−0.9252i	−0.1563−1.4063i	0.3202−0.4062i	−1.3022−1.5770i
37.7	0.4516−0.3159i	42.8747+2.4495i	0.2606−1.3806i	0.2587−0.4615i	0.1769−0.8886i	−0.3169−1.4598i	0.2685−0.4062i	−1.4043−1.6097i
37.8	0.4109−0.3411i	42.9301+2.2732i	0.1959−1.4436i	0.2300−0.4471i	0.0679−0.8430i	−0.4041−1.5032i	0.2381−0.3859i	−1.4160−1.7063i
37.9	0.3781−0.3470i	42.7401+1.9179i	0.1622−1.4483i	0.2014−0.4068i	−0.0306−0.7581i	−0.4542−1.5134i	0.2102−0.3439i	−1.3577−1.8129i
38.0	0.3161−0.3478i	42.5304+1.8630i	0.1131−1.4875i	0.1648−0.4009i	−0.1559−0.6982i	−0.5364−1.5348i	0.1762−0.3354i	−1.3953−1.9173i
38.1	0.2786−0.3502i	42.8813+1.5287i	0.1455−1.5042i	0.1555−0.3812i	−0.2416−0.5669i	−0.5376−1.5202i	0.1680−0.3172i	−1.3529−2.0841i
38.2	0.2307−0.3202i	42.2429+1.2641i	0.0307−1.5784i	0.1142−0.3429i	−0.4082−0.4378i	−0.6797−1.5688i	0.1364−0.2774i	−1.4729−2.2491i
38.3	0.1989−0.2968i	42.0251+1.4523i	−0.0368−1.5596i	0.0919−0.3100i	−0.4864−0.2541i	−0.7661−1.5066i	0.1184−0.2420i	−1.5758−2.3214i
38.4	0.1880−0.2859i	42.2889+1.2009i	−0.0356−1.5612i	0.1051−0.2810i	−0.4334−0.0745i	−0.7650−1.4453i	0.1291−0.2117i	−1.6815−2.4483i
38.5	0.1638−0.2888i	42.1322+1.1568i	−0.0474−1.6050i	0.1130−0.2571i	−0.3640+0.1156i	−0.7752−1.4332i	0.1323−0.1866i	−1.8064−2.6274i
38.6	0.1506−0.2480i	42.1320+1.6052i	−0.1249−1.5961i	0.1069−0.2050i	−0.3539+0.3421i	−0.8359−1.3941i	0.1305−0.1371i	−1.9300−2.6717i
38.7	0.1216−0.2436i	42.0952+1.5895i	−0.1808−1.6328i	0.1316−0.1978i	−0.2345+0.5620i	−0.8820−1.3702i	0.1583−0.1296i	−2.1868−2.7794i
38.8	0.1174−0.2264i	41.9905+1.1596i	−0.2000−1.6879i	0.1490−0.1784i	−0.1383+0.6717i	−0.8774−1.3881i	0.1766−0.1106i	−2.3759−2.9064i
38.9	0.1065−0.2023i	41.7929+0.9044i	−0.2437−1.6897i	0.1633−0.1381i	−0.0265+0.7295i	−0.8591−1.3801i	0.1927−0.0667i	−2.5843−2.9144i
39.0	0.0928−0.1756i	41.8341+1.2177i	−0.3324−1.6746i	0.1759−0.1236i	0.1194+0.9000i	−0.9157−1.3414i	0.2099−0.0490i	−2.8834−2.8559i
39.1	0.0669−0.1617i	41.7905+1.3109i	−0.4300−1.7239i	0.1871−0.0956i	0.2248+0.9214i	−0.9611−1.3924i	0.2283−0.0244i	−3.1543−2.8196i
39.2	0.0525−0.1447i	41.6051+0.9851i	−0.4976−1.7410i	0.1987−0.0870i	0.3995+0.9557i	−0.9885−1.3960i	0.2450−0.0185i	−3.4105−2.7222i
39.3	0.0395−0.1158i	41.5827+1.1043i	−0.5774−1.7059i	0.2167−0.0801i	0.5383+0.9735i	−1.0320−1.3743i	0.2634−0.0151i	−3.5970−2.5461i
39.4	0.0330−0.0833i	41.4554+1.1030i	−0.6665−1.7019i	0.2377−0.0702i	0.6374+1.0248i	−1.0908−1.3845i	0.2826−0.0016i	−3.7681−2.4224i
39.5	0.0373−0.0438i	41.4120+0.9678i	−0.7365−1.6784i	0.2373−0.0626i	0.6642+0.9911i	−1.1269−1.3961i	0.2890+0.0058i	−3.8443−2.1999i
39.6	0.0214−0.0086i	41.0040+1.0527i	−0.8352−1.6510i	0.2313−0.0698i	0.8393+0.9355i	−1.2173−1.3839i	0.2929−0.0044i	−4.0098−1.9016i
39.7	0.0214+0.0304i	41.1497+1.1344i	−0.8599−1.6289i	0.2290−0.0451i	0.8483+0.7930i	−1.2481−1.3561i	0.2892+0.0139i	−3.9339−1.7088i
39.8	0.0738+0.0646i	41.2437+1.3285i	−0.9772−1.6322i	0.2641−0.0118i	0.6923+0.8875i	−1.2989−1.3476i	0.3236+0.0495i	−3.9129−1.7428i
39.9	0.0952+0.0731i	41.1192+1.3704i	−1.0489−1.5416i	0.2947−0.0166i	0.8338+1.0405i	−1.3421−1.3128i	0.3599+0.0464i	−4.0332−1.6183i
40.0	0.1032+0.0798i	41.1935+1.4983i	−1.0997−1.4626i	0.3112−0.0158i	1.0354+1.0687i	−1.3943−1.2702i	0.3792+0.0425i	−4.1132−1.4636i
40.1	0.1397+0.0924i	40.8633+1.5982i	−1.1036−1.4043i	0.3339−0.0040i	1.1596+1.0793i	−1.4076−1.2481i	0.4018+0.0488i	−4.1261−1.3696i
40.2	0.1337+0.1275i	40.7593+1.4858i	−1.1613−1.3730i	0.3330+0.0193i	1.1816+1.0932i	−1.4510−1.2643i	0.4047+0.0681i	−4.1225−1.2738i
40.3	0.1557+0.1246i	40.9110+2.0439i	−1.2060−1.2907i	0.3469+0.0309i	1.2499+1.1445i	−1.5151−1.2187i	0.4203+0.0788i	−4.1111−1.2023i
40.4	0.1837+0.1406i	41.0981+2.3993i	−1.1838−1.1738i	0.3586+0.0315i	1.3604+1.1342i	−1.5022−1.1300i	0.4317+0.0746i	−4.0736−1.0772i
40.5	0.2268+0.1786i	41.1219+2.2985i	−1.1805−1.1032i	0.3889+0.0573i	1.5036+1.1661i	−1.5235−1.1015i	0.4674+0.0976i	−4.1147−1.0163i
40.6	0.2380+0.1783i	40.9095+2.0850i	−1.1743−1.0844i	0.4179+0.0577i	1.5919+1.1324i	−1.5451−1.0952i	0.4968+0.0925i	−4.1555−0.9016i
40.7	0.2668+0.1800i	40.8464+2.2582i	−1.2177−1.0453i	0.4106+0.0577i	1.5883+0.9934i	−1.5753−1.0789i	0.4898+0.0901i	−4.0808−0.7010i
40.8	0.3032+0.1861i	41.3197+1.8613i	−1.1756−1.0143i	0.4346+0.0618i	1.7544+0.9510i	−1.5572−1.0483i	0.5105+0.0845i	−4.0884−0.5775i
40.9	0.3545+0.2174i	41.6472+1.5190i	−1.1842−0.9548i	0.4643+0.0942i	1.8177+1.0650i	−1.5918−1.0374i	0.5382+0.1135i	−4.0700−0.5650i
41.0	0.4269+0.2090i	41.6727+1.9017i	−1.2040−0.8537i	0.5049+0.0729i	1.9909+0.9278i	−1.6501−0.9447i	0.5800+0.0879i	−4.1202−0.3190i
41.1	0.4608+0.1406i	41.7901+2.5448i	−1.1600−0.8126i	0.5363+0.0361i	1.9990+0.7505i	−1.6537−0.8716i	0.6066+0.0488i	−3.9574−0.1541i
41.2	0.4800+0.0950i	41.7154+2.1321i	−1.1536−0.8489i	0.5667+0.0357i	1.9757+0.8251i	−1.6755−0.9109i	0.6333+0.0498i	−3.8610−0.2796i
41.3	0.5155+0.0598i	41.6066+1.9353i	−1.1190−0.8164i	0.5779+0.0449i	2.0829+1.0213i	−1.6739−0.8915i	0.6446+0.0601i	−3.8858−0.4275i
41.4	0.5355+0.0216i	41.8927+1.8944i	−1.0921−0.7697i	0.5873+0.0635i	2.2048+1.0350i	−1.6610−0.8610i	0.6518+0.0731i	−3.9001−0.3874i
41.5	0.5480−0.0056i	41.9113+2.1843i	−1.0970−0.7464i	0.6218+0.0512i	2.2978+0.9367i	−1.6909−0.8340i	0.6835+0.0555i	−3.8968−0.2472i
41.6	0.5658−0.0549i	42.2936+2.4181i	−1.0678−0.7439i	0.6652+0.0428i	2.4856+0.9160i	−1.7104−0.8256i	0.7283+0.0493i	−3.9068−0.2369i
41.7	0.5635−0.0932i	42.3422+2.3740i	−1.0341−0.7345i	0.6877+0.0352i	2.5941+0.8050i	−1.7028−0.8090i	0.7473+0.0398i	−3.9307−0.1973i
41.8	0.5700−0.1402i	42.2668+2.1583i	−1.0352−0.7067i	0.7242+0.0257i	2.6575+0.6912i	−1.7470−0.7725i	0.7774+0.0248i	−3.8837−0.1439i
41.9	0.5633−0.1681i	42.6940+2.2031i	−1.0872−0.7176i	0.7279+0.0224i	2.5443+0.6790i	−1.8139−0.7820i	0.7824+0.0200i	−3.8913−0.1618i
42.0	0.5280−0.1783i	43.2573+2.1952i	−1.0472−0.6814i	0.7183+0.0162i	2.5743+0.5963i	−1.7690−0.7397i	0.7720+0.0096i	−3.9415+0.0349i
42.1	0.5399−0.1866i	43.4659+2.0139i	−1.0086−0.6759i	0.7368+0.0303i	2.5995+0.5309i	−1.7648−0.7333i	0.7894+0.0160i	−3.8558+0.2026i
42.2	0.5902−0.1950i	43.3123+1.9253i	−1.0378−0.6999i	0.8028+0.0546i	2.6342+0.5995i	−1.8623−0.7501i	0.8510+0.0403i	−3.7108+0.1723i
42.3	0.5979−0.2685i	43.2521+2.2455i	−1.0415−0.6628i	0.9024+0.0392i	2.7091+0.6056i	−1.8950−0.6860i	0.9438+0.0269i	−3.6415+0.0880i
42.4	0.5635−0.3425i	43.0285+2.5946i	−1.0092−0.6543i	0.9603−0.1106i	2.6698+0.4179i	−1.9005−0.6203i	0.9949−0.1190i	−3.5647+0.1698i
42.5	0.4702−0.3482i	43.1994+2.1617i	−1.0445−0.6892i	0.8444−0.1683i	2.5695+0.7689i	−1.9001−0.6377i	0.8780−0.1714i	−3.4854−0.1693i
42.6	0.4338−0.3269i	43.7278+1.8685i	−1.0342−0.6654i	0.8435−0.1182i	2.8751+0.7635i	−1.9062−0.6291i	0.8739−0.1254i	−3.6935−0.1895i
42.7	0.4044−0.3612i	44.1328+1.9551i	−1.0308−0.6748i	0.8465−0.1771i	2.9950+0.4994i	−1.9219−0.5774i	0.8733−0.1838i	−3.7438−0.1249i
42.8	0.3787−0.3336i	44.5342+2.1092i	−1.0373−0.6703i	0.8201−0.1703i	3.1985+0.3980i	−1.9174−0.5461i	0.8456−0.1742i	−3.9708−0.0684i
42.9	0.4118−0.3261i	44.2159+2.1537i	−1.0269−0.6435i	0.7819−0.0974i	3.0413+0.2771i	−1.9120−0.5393i	0.8102−0.0986i	−3.9348−0.0018i
43.0	0.4317−0.3404i	44.1520+2.0814i	−1.0391−0.5903i	0.8483−0.0040i	3.0071+0.5963i	−1.9944−0.5216i	0.8796−0.0054i	−4.1030−0.0864i
43.1	0.4236−0.3455i	44.8849+2.0890i	−1.0255−0.5593i	0.9369+0.0027i	3.1065+0.7172i	−2.0182−0.4439i	0.9697−0.0053i	−4.1776+0.0797i
43.2	0.4198−0.3324i	45.3280+1.7109i	−0.9880−0.5778i	0.9765−0.0432i	3.1745+0.7560i	−1.9485−0.4152i	1.0016−0.0533i	−3.9819+0.2116i
43.3	0.4148−0.3454i	45.3793+1.8336i	−1.0003−0.5637i	1.0152−0.0475i	3.4638+0.9122i	−1.9550−0.4516i	1.0374−0.0548i	−4.0440−0.0422i
43.4	0.3735−0.3970i	45.4114+2.1494i	−0.9838−0.5615i	1.0948−0.0740i	3.9892+0.8331i	−2.0048−0.4377i	1.1188−0.0807i	−4.4733−0.0255i

43.5	0.3943-0.3945i	45.5197+1.8132i	-0.9595-0.5636i	1.1755-0.1576i	4.2511+0.2406i	-2.0474-0.3983i	1.2013-0.1692i	-4.6371+0.5929i
43.6	0.4582-0.4374i	45.8680+1.5716i	-0.9340-0.5851i	1.2051-0.2054i	3.9566+0.0725i	-2.0746-0.3703i	1.2285-0.2143i	-4.3114+0.7933i
43.7	0.3917-0.4506i	46.3800+1.5301i	-0.9279-0.6298i	1.1860-0.2113i	3.8463+0.3579i	-2.0473-0.3761i	1.1990-0.2198i	-4.1004+0.5862i
43.8	0.3431-0.4457i	46.4916+2.0931i	-0.9609-0.5861i	1.2672-0.1842i	4.5722+0.6471i	-2.0878-0.3594i	1.2712-0.1940i	-4.5398+0.3069i
43.9	0.3610-0.5060i	46.4946+1.6970i	-0.9593-0.6119i	1.4076-0.2572i	5.3199+0.0798i	-2.2079-0.3353i	1.4142-0.2686i	-4.9658+0.7345i
44.0	0.3867-0.5152i	46.5704+2.0777i	-0.9914-0.6542i	1.4039-0.4620i	5.1079-1.0497i	-2.2459-0.2231i	1.4052-0.4649i	-4.6899+1.3227i
44.1	0.3834-0.6135i	46.6272+2.0311i	-1.0284-0.6320i	1.3596-0.5058i	4.6811-1.3246i	-2.2578-0.1736i	1.3654-0.5061i	-4.7020+1.4167i
44.2	0.3066-0.6177i	46.9287+1.0494i	-1.0026-0.6038i	1.4647-0.5697i	4.6857-1.5587i	-2.3239-0.0849i	1.4703-0.5750i	-4.8871+1.9961i
44.3	0.3362-0.6124i	47.2083+0.7513i	-1.0051-0.6301i	1.4564-0.8356i	4.0023-2.1874i	-2.3158+0.0969i	1.4580-0.8386i	-4.2827+2.9065i
44.4	0.2291-0.6518i	46.7778+1.2793i	-1.0598-0.6105i	1.1493-0.9401i	3.0089-1.4891i	-2.1249+0.2094i	1.1498-0.9416i	-2.9462+2.5321i
44.5	0.1097-0.6070i	46.9882+1.8513i	-1.0685-0.5520i	1.0128-0.7468i	3.4223-0.5468i	-1.9952+0.1036i	1.0080-0.7486i	-2.8272+1.3595i
44.6	0.0794-0.5747i	47.3226+1.3420i	-1.0665-0.5752i	1.0440-0.8429i	3.7765-0.8109i	-2.0160+0.1079i	1.0352-0.8420i	-3.1458+1.3561i
44.7	0.1374-0.4949i	47.3588+0.8692i	-1.1090-0.5141i	0.7987-0.7985i	3.6485-0.5399i	-1.9765+0.1030i	0.7903-0.7956i	-2.9766+1.2187i
44.8	0.1622-0.5274i	47.9494+0.9376i	-1.0614-0.4449i	0.8420-0.4825i	4.1334-0.1270i	-2.0037+0.0381i	0.8368-0.4842i	-3.3315+0.8381i
44.9	0.1907-0.5162i	47.6100+0.6240i	-1.0098-0.4537i	1.0662-0.4510i	5.0060-0.4657i	-2.0664+0.0310i	1.0510-0.4534i	-3.8546+1.1472i
45.0	0.1957-0.5864i	47.7001+1.6227i	-0.9400-0.4433i	1.0946-0.4672i	5.1049-1.1263i	-2.0859+0.0752i	1.0746-0.4700i	-3.6575+1.3963i
45.1	0.1186-0.5694i	48.3673+1.6998i	-0.9263-0.5294i	1.1953-0.4602i	4.9278-1.5289i	-2.0963+0.1230i	1.1691-0.4603i	-3.4380+1.4487i
45.2	0.1285-0.5781i	48.4417+1.6152i	-0.9627-0.5679i	1.4047-0.5336i	4.9738-1.5706i	-2.1000+0.1211i	1.3747-0.5259i	-3.5070+1.2279i
45.3	0.1367-0.6045i	48.7516+1.4873i	-0.9733-0.6160i	1.4901-0.7562i	4.9871-1.9639i	-2.1275+0.1228i	1.4633-0.7364i	-3.6463+1.2882i
45.4	0.1204-0.5588i	49.4138+1.8459i	-1.1412-0.6285i	1.2933-0.8576i	4.4286-1.7712i	-2.1778+0.1252i	1.2751-0.8326i	-3.7172+0.9654i
45.5	0.1719-0.6314i	49.8363+1.5904i	-1.1082-0.5305i	1.4161-0.8034i	5.0469-1.9274i	-2.2801+0.1514i	1.3964-0.7830i	-4.5940+1.4196i
45.6	0.0580-0.6585i	50.0561+1.0704i	-1.0531-0.5890i	1.3643-1.0808i	4.5551-2.6259i	-2.2263+0.3004i	1.3430-1.0586i	-4.1409+2.3092i
45.7	0.0442-0.5912i	50.3122+0.7713i	-1.1286-0.5732i	1.1184-0.9839i	4.4434-1.9250i	-2.1772+0.2617i	1.0950-0.9629i	-3.8028+1.8568i
45.8	0.0301-0.6223i	51.1647+0.7617i	-1.0959-0.5431i	1.2252-0.8922i	5.0421-2.1641i	-2.2517+0.2843i	1.2002-0.8749i	-4.1868+2.1296i
45.9	0.0072-0.6208i	50.4970+1.0606i	-1.0380-0.5767i	1.3658-0.9757i	4.9066-2.9206i	-2.2453+0.3691i	1.3428-0.9562i	-4.2184+2.6137i
46.0	-0.0502-0.5996i	50.7632+0.3736i	-1.0896-0.6749i	1.4236-1.2436i	4.3134-3.4385i	-2.2311+0.4625i	1.4022-1.2211i	-3.8984+3.2239i
46.1	-0.0860-0.5339i	51.3949-0.1210i	-1.1717-0.6939i	1.2899-1.5814i	3.4886-3.4247i	-2.1921+0.6034i	1.2641-1.5613i	-3.1313+3.7431i
46.2	-0.0647-0.4217i	51.1853+0.6257i	-1.3533-0.6574i	0.7042-1.6416i	3.1220-2.2798i	-2.0390+0.5810i	0.6751-1.6254i	-2.0774+3.0789i
46.3	0.0730-0.4285i	51.9432+0.7761i	-1.3742-0.5708i	0.4800-1.2193i	4.1646-1.9336i	-2.0511+0.4187i	0.4520-1.2069i	-2.6245+2.5192i
46.4	0.1564-0.4165i	52.7258+0.3253i	-1.3235-0.5785i	0.6628-1.0167i	4.3487-3.4083i	-2.1431+0.5240i	0.6297-1.0103i	-2.8673+3.9264i
46.5	0.3849-0.5358i	52.8237-0.5623i	-1.4560-0.5549i	0.5852-0.9138i	2.7241-3.2000i	-1.9645+0.5285i	0.5387-0.9033i	-0.6085+3.8657i
46.6	0.3040-0.8177i	53.1431-0.7955i	-1.4554-0.4325i	0.7482-0.6852i	2.8035-1.9340i	-1.9876+0.3579i	0.6969-0.6606i	-0.2920+1.8951i
46.7	0.1365-0.9009i	53.2786-0.5082i	-1.4327-0.4030i	0.9248-0.6991i	3.5044-1.6312i	-2.0818+0.3293i	0.8713-0.6677i	-1.0052+1.1956i
46.8	0.1084-0.9127i	53.6150+0.0400i	-1.4013-0.3093i	1.0460-0.6798i	3.9088-1.8682i	-2.1607+0.3328i	0.9959-0.6427i	-1.8143+0.9490i
46.9	-0.0060-0.9413i	53.6184-0.5507i	-1.3335-0.3031i	1.1844-0.7936i	3.9106-2.1294i	-2.2657+0.4253i	1.1412-0.7610i	-2.4094+1.4406i
47.0	-0.1749-0.8019i	54.0980-1.4584i	-1.4319-0.3644i	1.0220-1.0372i	3.1810-2.2703i	-2.2301+0.6537i	0.9777-1.0076i	-1.5993+2.4978i
47.1	-0.0885-0.7551i	54.8699-1.9463i	-1.5197-0.2940i	0.8844-0.8506i	2.9164-1.3153i	-2.0939+0.5958i	0.8333-0.8263i	-0.5070+1.9783i
47.2	-0.0119-1.0343i	55.1237-2.0890i	-1.4820-0.1081i	1.2128-0.4904i	4.2316+0.0635i	-2.1621+0.3504i	1.1458-0.4697i	-0.6321-0.0109i
47.3	-0.2456-1.1046i	55.7483-1.4999i	-1.4110-0.1429i	1.5079-0.7157i	5.6465-0.3522i	-2.3837+0.3536i	1.4326-0.6830i	-1.8138-0.2381i
47.4	-0.4827-1.0205i	56.2112-1.4017i	-1.3834-0.2195i	1.6747-0.9721i	6.6866-1.6219i	-2.5495+0.4189i	1.5894-0.9253i	-2.8351+0.2011i
47.5	-0.6225-0.8827i	56.0815-2.0639i	-1.3483-0.2584i	1.6925-1.2979i	6.9817-3.0352i	-2.5981+0.5924i	1.6032-1.2338i	-3.3163+0.9288i
47.6	-0.5842-0.6709i	56.3906-2.4643i	-1.4299-0.2786i	1.4420-1.4576i	6.1475-4.0882i	-2.5589+0.7196i	1.3576-1.3915i	-2.8935+1.8211i
47.7	-0.5257-0.5525i	56.7425-2.6499i	-1.5144-0.3378i	1.2071-1.5236i	4.8660-4.7238i	-2.4731+0.7835i	1.1210-1.4522i	-1.6997+2.4115i
47.8	-0.4397-0.5242i	56.5354-3.3236i	-1.6222-0.1994i	1.0934-1.3840i	3.9109-4.0738i	-2.4442+0.8112i	1.0100-1.3033i	-1.0273+1.4233i
47.9	-0.4042-0.5589i	56.9677-3.0302i	-1.6786-0.0301i	1.1347-1.2217i	3.5653-3.0086i	-2.5133+0.8020i	1.0589-1.1411i	-1.2510+0.5311i
48.0	-0.4266-0.5972i	56.9385-4.1745i	-1.6635+0.0995i	1.1386-1.1604i	3.4912-2.5380i	-2.5574+0.9219i	1.0679-1.0826i	-1.1236+0.6720i
48.1	-0.4625-0.6464i	57.4235-3.8773i	-1.5677+0.2735i	1.4148-1.0605i	4.4117-1.5622i	-2.5206+0.9673i	1.3300-0.9699i	-1.4149-0.6006i
48.2	-0.5546-0.5830i	58.6539-3.4740i	-1.4618+0.3274i	1.6123-1.3220i	5.5940-2.0069i	-2.6235+1.0682i	1.5294-1.2201i	-2.7238-0.4080i
48.3	-0.5651-0.4508i	58.6895-3.5708i	-1.4253+0.3187i	1.5806-1.6780i	5.8078-2.9162i	-2.5958+1.2292i	1.5049-1.5718i	-2.7631+0.4257i
48.4	-0.4844-0.3692i	58.1104-3.7935i	-1.4681+0.3819i	1.2842-1.7634i	5.3283-3.2749i	-2.5384+1.2402i	1.2115-1.6503i	-2.2385+0.2771i
48.5	-0.4379-0.4357i	57.9721-3.9609i	-1.3567+0.4565i	1.1126-1.5789i	5.2587-2.8457i	-2.5117+1.2119i	1.0445-1.4652i	-2.4300-0.2243i
48.6	-0.4459-0.4515i	58.8875-4.8074i	-1.2479+0.4447i	1.3247-1.4453i	5.7521-2.9815i	-2.5937+1.2360i	1.2521-1.3312i	-2.7596-0.0661i
48.7	-0.4848-0.4705i	59.1156-4.6185i	-1.2142+0.3734i	1.5129-1.6959i	5.8400-3.3151i	-2.6693+1.3369i	1.4395-1.5808i	-2.7157+0.1609i
48.8	-0.5352-0.3744i	59.2918-4.8850i	-1.2795+0.2776i	1.0984-2.0259i	5.2270-3.5471i	-2.5015+1.5128i	1.0215-1.9028i	-1.8159+0.1794i
48.9	-0.5006-0.3218i	59.5799-5.6266i	-1.3310+0.3586i	0.8785-1.7219i	5.2539-2.7752i	-2.3783+1.4012i	0.8018-1.5904i	-1.8746-0.8395i
49.0	-0.3847-0.3073i	60.3422-5.3108i	-1.2665+0.5041i	0.9707-1.4352i	6.0318-2.6685i	-2.3962+1.2936i	0.8940-1.3026i	-2.6689-1.4389i
49.1	-0.3032-0.3588i	60.8940-5.5587i	-1.1907+0.6097i	1.1081-1.2866i	6.3535-2.4368i	-2.4856+1.2837i	1.0377-1.1519i	-3.3436-1.9896i
49.2	-0.3519-0.4980i	61.4079-5.9578i	-1.0503+0.6689i	1.4981-1.2171i	7.9938-2.0601i	-2.7049+1.2877i	1.4214-1.0866i	-5.0252-2.1399i
49.3	-0.4281-0.5256i	61.6169-5.8376i	-0.8417+0.5885i	1.8027-1.4599i	9.3779-3.2178i	-2.8087+1.4192i	1.7192-1.3265i	-6.2103-0.8400i
49.4	-0.4099-0.4338i	61.6255-6.4065i	-0.6834+0.4154i	1.7458-1.8714i	8.9524-5.3380i	-2.6729+1.7032i	1.6631-1.7293i	-5.6378+1.0841i
49.5	-0.3958-0.4551i	62.6794-7.0621i	-0.7547+0.3596i	1.7291-1.9460i	8.1585-5.5121i	-2.6016+1.7419i	1.6408-1.7880i	-4.8372+0.7626i
49.6	-0.4206-0.4730i	62.7540-6.5787i	-0.7992+0.3583i	1.7565-2.1959i	8.2342-6.0963i	-2.6559+1.8236i	1.6662-2.0212i	-5.1403+0.7800i
49.7	-0.3803-0.5590i	63.7041-6.8706i	-0.7702+0.2837i	1.5713-2.4017i	7.6519-6.7759i	-2.6475+1.8867i	1.4949-2.2288i	-5.1020+1.8310i

49.8	-0.4400-0.5915i	64.2935-7.1436i	-0.7037+0.2028i	1.4013-2.4650i	7.0276-6.9319i	-2.5612+1.9930i	1.3239-2.2915i	-4.2368+2.3104i
49.9	-0.4950-0.5181i	64.5999-8.7174i	-0.8447+0.2546i	1.2900-2.1162i	6.3227-5.8115i	-2.4501+1.9721i	1.2045-1.9335i	-3.0971+0.7308i
50.0	-0.5864-0.5537i	65.2794-9.3005i	-0.8462+0.2933i	1.4880-2.3895i	7.3929-5.8631i	-2.5249+2.0038i	1.4041-2.1892i	-4.2033+0.0212i
50.1	-0.6837-0.4527i	65.1188-10.2512i	-0.9068+0.2634i	1.2251-2.6590i	7.7148-6.8151i	-2.5831+2.1266i	1.1531-2.4462i	-4.6833+0.7153i
50.2	-0.6985-0.3588i	65.4309-10.3993i	-0.9504+0.2827i	1.0575-2.5813i	7.5790-7.5233i	-2.5722+2.2221i	0.9875-2.3628i	-4.4326+1.1203i
50.3	-0.6632-0.2893i	66.5236-10.7470i	-1.0310+0.2368i	0.9620-2.6095i	6.7794-7.9891i	-2.4912+2.2701i	0.8936-2.3763i	-3.8769+1.0149i
50.4	-0.5414-0.2110i	66.9727-11.1341i	-1.1305+0.4030i	0.7433-2.4665i	5.8803-7.5001i	-2.3932+2.2840i	0.6919-2.2199i	-3.8800-0.0806i
50.5	-0.5022-0.2865i	66.2405-11.9346i	-0.9974+0.5988i	0.9217-2.4150i	6.2531-7.3131i	-2.4666+2.3937i	0.8787-2.1717i	-4.9275+0.2761i
50.6	-0.5632-0.2789i	66.2498-12.4505i	-0.9954+0.5311i	0.5584-2.7260i	5.3538-7.6265i	-2.3005+2.5636i	0.5242-2.4893i	-3.6824+1.2877i
50.7	-0.5883-0.2872i	67.3740-12.6089i	-1.0503+0.6019i	0.1567-2.3793i	5.2743-6.3149i	-2.1460+2.4312i	0.1153-2.1478i	-2.9572-0.0362i
50.8	-0.5571-0.2263i	67.4984-13.0759i	-0.8872+0.8296i	0.3776-1.8035i	7.0139-5.8072i	-2.2197+2.3260i	0.3403-1.5638i	-4.6774-1.0368i
50.9	-0.5082-0.2050i	67.8248-13.7390i	-0.7953+0.9011i	0.6131-1.6111i	7.5805-6.4230i	-2.3335+2.3610i	0.5774-1.3663i	-4.9749-0.8299i
51.0	-0.5010-0.2833i	69.0533-14.2614i	-0.6740+0.9134i	1.0219-1.3950i	8.4013-6.3214i	-2.4286+2.3159i	0.9720-1.1482i	-5.5978-1.4672i
51.1	-0.5458-0.2957i	70.2542-14.6250i	-0.4047+0.9706i	1.6037-1.4379i	10.1998-7.0167i	-2.6094+2.3696i	1.5532-1.1782i	-7.6654-1.3408i
51.2	-0.5780-0.2011i	69.9888-15.6490i	-0.2864+0.8041i	1.7782-1.9438i	9.9574-9.4055i	-2.6604+2.6575i	1.7405-1.6627i	-7.8546+0.4029i
51.3	-0.5949-0.1247i	70.1549-16.8976i	-0.3193+0.5948i	1.6712-2.3546i	9.0834-10.9569i	-2.6060+2.8598i	1.6419-2.0605i	-7.2453+1.7193i
51.4	-0.4567-0.0654i	70.5521-17.8132i	-0.4542+0.6664i	1.4362-2.1233i	7.6252-10.4622i	-2.4529+2.9056i	1.4136-1.8242i	-6.1314+0.9611i
51.5	-0.3435-0.1839i	70.6157-17.1098i	-0.2486+1.0214i	2.0553-1.5954i	8.9250-8.6107i	-2.5600+2.7293i	2.0292-1.2902i	-7.8487-1.2496i
51.6	-0.4452-0.2008i	71.2004-17.6112i	0.0389+0.8084i	2.5943-2.3319i	10.4538-10.7101i	-2.7833+2.9399i	2.5659-2.0102i	-9.6314+0.7804i
51.7	-0.5207-0.1040i	70.1711-18.7765i	0.0689+0.4713i	2.2814-3.4281i	9.1461-13.3519i	-2.6610+3.4141i	2.2757-3.0967i	-8.4936+3.4334i
51.8	-0.4351-0.0453i	70.1371-18.6018i	0.0022+0.4482i	1.7983-3.3906i	8.2964-13.1095i	-2.4482+3.4196i	1.7975-3.0604i	-7.5155+2.9695i
51.9	-0.2953-0.0759i	70.9893-19.7533i	0.1445+0.5028i	1.9419-3.0999i	8.9145-13.3735i	-2.4952+3.3656i	1.9536-2.7540i	-8.8782+2.3272i
52.0	-0.1997-0.1489i	70.9114-21.1003i	0.3919+0.5709i	2.2838-3.1012i	9.5321-14.1750i	-2.6071+3.5455i	2.3113-2.7440i	-10.6467+2.9845i
52.1	-0.1299-0.1196i	70.5396-22.2141i	0.4152+0.2836i	2.0808-3.6791i	8.0926-16.5993i	-2.4256+3.8678i	2.1105-3.3189i	-9.0720+5.3848i
52.2	-0.0901-0.1936i	71.1940-22.2575i	0.3309+0.1731i	1.8642-3.8184i	6.3283-17.1043i	-2.3084+3.9274i	1.9019-3.4470i	-7.5532+5.3118i
52.3	-0.1331-0.2680i	71.6916-23.6323i	0.2059+0.0689i	1.5153-3.8830i	4.4180-16.7390i	-2.1525+4.0182i	1.5755-3.5056i	-6.5193+4.4784i
52.4	-0.1779-0.2190i	71.4995-23.8451i	0.1871+0.2676i	1.6607-3.5300i	4.6517-15.0966i	-2.2013+4.0145i	1.7446-3.1521i	-8.1036+2.9941i
52.5	-0.0266-0.1656i	71.5099-24.5745i	0.4530+0.1304i	2.0371-4.1057i	5.4749-17.1673i	-2.2489+4.3735i	2.1311-3.7303i	-9.2108+5.9099i
52.6	0.2040-0.2605i	71.1038-25.0071i	0.4581+0.0542i	1.7671-4.1229i	3.8069-17.0771i	-1.9943+4.4295i	1.8686-3.7546i	-7.5393+6.0035i
52.7	0.3177-0.5897i	70.6488-24.8345i	0.5983+0.1838i	2.3266-3.5234i	4.2991-14.3251i	-2.0345+4.1679i	2.4207-3.1562i	-8.4683+3.3854i
52.8	0.2071-0.8726i	71.4474-25.2220i	1.0000-0.1185i	3.2254-4.4520i	6.5167-15.9622i	-2.3060+4.4924i	3.3231-4.0649i	-11.0859+5.4215i
52.9	-0.0159-0.8594i	72.5919-26.4680i	0.8380-0.5630i	2.6544-5.6100i	5.1594-18.6811i	-2.1539+5.0080i	2.7701-5.2039i	-9.5057+8.1558i
53.0	0.0214-0.7791i	72.5478-27.7396i	0.5783-0.6819i	1.7613-5.8941i	2.6210-19.0337i	-1.7022+5.2463i	1.9023-5.4877i	-7.1696+8.4186i
53.1	-0.0139-0.9591i	72.2714-27.8300i	0.5369-0.7588i	1.5120-5.9634i	1.8023-18.3511i	-1.4778+5.3011i	1.6644-5.5551i	-6.3466+7.9204i
53.2	-0.1107-1.0318i	71.9695-28.8577i	0.4761-0.8740i	1.1649-6.2069i	1.2294-17.9791i	-1.1848+5.4135i	1.3241-5.7946i	-5.7273+7.0594i
53.3	-0.1348-0.9806i	71.2085-29.6265i	0.3461-0.7280i	0.6025-5.8501i	0.6696-16.1287i	-0.8421+5.2760i	0.7839-5.4460i	-5.9588+5.1715i
53.4	-0.0916-0.9729i	71.5549-29.0052i	0.5965-0.6137i	0.9825-5.2789i	3.8801-15.2421i	-0.9390+4.9749i	1.1538-4.8866i	-8.9764+4.7238i
53.5	0.0024-1.2085i	72.6759-30.5374i	0.7064-1.0637i	1.3207-5.9511i	3.6988-19.5460i	-1.0612+5.3571i	1.4980-5.5246i	-9.2636+8.1810i
53.6	0.1688-1.6319i	72.3114-31.6781i	0.5866-1.0348i	1.2810-5.7561i	1.5384-18.4482i	-0.8553+5.3383i	1.4742-5.3325i	-8.1794+7.1054i
53.7	-0.3045-2.0082i	72.8613-32.0846i	0.7836-1.2904i	1.8147-6.7228i	3.3259-18.7013i	-0.9293+5.6255i	2.0135-6.2803i	-10.0198+8.1831i
53.8	-0.5511-2.0275i	73.7808-32.7085i	0.9780-1.4062i	1.9783-6.9506i	5.9227-19.8135i	-0.9700+5.6272i	2.1687-6.4896i	-11.9569+8.9819i
53.9	-0.9643-2.1561i	73.9444-34.7516i	0.9889-2.1947i	2.0295-8.5812i	5.4906-26.1609i	-1.0360+6.2919i	2.2467-8.0755i	-11.8140+14.1849i
54.0	-1.2326-1.8235i	72.9376-36.6005i	0.2713-2.6661i	0.2607-9.7044i	-0.2641-29.0328i	-0.2502+6.8474i	0.5528-9.1781i	-7.4313+16.3428i
54.1	-0.9745-1.6479i	71.5574-37.7377i	-0.2657-2.5194i	-1.2212-9.2233i	-4.7648-27.4908i	0.5347+6.6246i	-0.8780-8.7247i	-4.1422+15.2868i
54.2	-0.8353-2.5370i	72.4531-36.8974i	-0.1118-1.9826i	-0.7578-7.6906i	-4.2098-22.1923i	0.3206+5.9408i	-0.4054-7.2338i	-6.2703+10.7595i
54.3	-1.7379-2.9512i	73.0312-37.8627i	0.1572-2.5269i	0.0305-8.9310i	-1.8177-25.0734i	-0.0099+6.5603i	0.3839-8.4580i	-8.2752+14.9419i
54.4	-2.6416-2.4460i	72.0502-40.6450i	-0.5686-3.0040i	-1.6482-10.1468i	-6.3238-27.7279i	0.9288+7.1780i	-1.2512-9.6626i	-3.5617+17.3582i
54.5	-2.9555-2.0080i	70.9026-42.6175i	-1.1292-3.0152i	-3.0437-10.2157i	-9.7874-27.2963i	1.7316+7.2451i	-2.5903-9.7375i	-0.7415+16.5255i
54.6	-3.0475-1.5635i	68.9823-42.3608i	-1.5293-2.7160i	-4.0745-9.4401i	-11.9380-24.5466i	2.3576+6.7838i	-3.5904-8.9929i	0.5887+14.2198i
54.7	-2.8699-1.3277i	68.0466-40.3361i	-1.6528-2.2597i	-4.3734-8.3294i	-11.6264-21.1282i	2.5384+6.1558i	-3.8736-7.9154i	-0.2786+11.3352i
54.8	-3.0168-1.6761i	69.2490-40.3141i	-1.1095-2.3312i	-3.1223-8.3227i	-7.0544-22.9407i	1.9629+6.0474i	-2.6364-7.9284i	-4.2560+14.1454i
54.9	-3.7411-1.3833i	68.4662-43.3074i	-1.4674-2.9161i	-3.8545-9.6105i	-10.2860-27.4312i	2.3475+6.6199i	-3.3206-9.1973i	-1.2912+17.9292i
55.0	-3.8722-0.7173i	65.9961-44.0160i	-2.0405-2.7837i	-5.2079-9.4028i	-14.6594-26.0433i	3.0513+6.5058i	-4.6264-9.0136i	2.0311+16.9107i
55.1	-3.8754-0.1453i	65.1543-42.8651i	-2.3395-2.4540i	-5.9610-8.7440i	-16.8139-23.3824i	3.5080+6.1580i	-5.3585-8.3981i	3.2719+15.2161i
55.2	-3.7268+0.3136i	64.9120-40.6834i	-2.4849-2.1735i	-6.3949-8.0904i	-17.3509-21.4662i	3.7379+5.7759i	-5.7963-7.7787i	4.2128+13.8321i
55.3	-3.4116+0.6809i	64.9162-40.0010i	-2.6254-1.9093i	-6.8662-7.3894i	-18.3094-19.4261i	4.0695+5.3755i	-6.2454-7.1222i	4.9582+12.4971i
55.4	-2.8839+0.5395i	67.1382-38.9078i	-2.3863-1.5970i	-6.1612-6.5485i	-16.3965-17.3908i	3.8224+4.8902i	-5.5618-6.3033i	3.2613+10.7850i
55.5	-3.2478+0.1776i	68.8244-40.3642i	-2.2066-1.8603i	-5.7032-7.2876i	-15.3993-19.0895i	3.6125+5.0577i	-5.1032-7.0458i	2.2152+12.4244i
55.6	-3.8185+0.7954i	68.8855-42.1720i	-2.6259-2.0648i	-7.0328-7.8497i	-18.5089-19.8248i	4.1905+5.2453i	-6.3807-7.6331i	4.5324+13.6229i
55.7	-3.5484+1.4226i	68.7206-41.4299i	-2.9218-1.8252i	-7.8825-7.1638i	-20.1344-17.8736i	4.5891+4.9030i	-7.2231-6.9806i	6.0339+12.2147i
55.8	-3.2305+1.8010i	69.5964-41.2094i	-3.0508-1.5804i	-8.2566-6.4111i	-20.7287-15.9298i	4.7988+4.4977i	-7.6019-6.2631i	6.5961+10.8308i
55.9	-2.8073+1.7863i	70.8556-41.1499i	-3.0004-1.3788i	-8.0667-5.7399i	-20.0557-14.4072i	4.7179+4.1302i	-7.4256-5.6163i	6.0551+9.5808i
56.0	-2.8272+1.3370i	72.3964-41.9628i	-2.7570-1.4434i	-7.2305-5.9873i	-17.8043-14.9416i	4.3712+4.0733i	-6.6026-5.8698i	4.1933+10.3108i

56.1	-3.4793+1.3246i	72.8966-44.7399i	-2.7500-1.8865i	-7.2623-7.4441i	-17.8612-18.3026i	4.3428+4.5408i	-6.6018-7.3165i	4.0092+13.6992i
56.2	-3.1044+2.1515i	71.3173-45.3439i	-3.2633-1.6410i	-8.8981-6.6118i	-21.5345-15.9599i	4.9995+4.1607i	-8.2236-6.5500i	7.2167+12.1852i
56.3	-2.6410+2.4154i	73.5542-45.1282i	-3.5265-1.4013i	-9.5677-5.7742i	-22.7095-13.8819i	5.2638+3.8063i	-8.9042-5.7493i	8.2268+10.3935i
56.4	-2.3519+2.3947i	75.4884-45.8904i	-3.5966-1.1893i	-9.6315-5.1758i	-22.5615-12.6546i	5.2539+3.5685i	-8.9742-5.1673i	8.0265+9.2420i
56.5	-2.1318+2.2813i	75.9277-46.2404i	-3.6372-1.0253i	-9.6168-4.6946i	-22.1349-11.4748i	5.1791+3.2977i	-8.9920-4.6992i	7.9205+8.3529i
56.6	-1.9631+2.3892i	75.4000-47.5887i	-3.6888-0.8591i	-9.7651-4.2094i	-22.0811-10.2744i	5.2403+3.0206i	-9.1582-4.2369i	7.9354+7.5386i
56.7	-1.8208+2.4706i	75.4758-50.7601i	-3.8313-0.6752i	-10.0772-3.6754i	-22.4659-9.0273i	5.4166+2.7220i	-9.4778-3.7337i	8.2796+6.9591i
56.8	-1.6178+2.4072i	76.6239-51.9681i	-3.8737-0.5093i	-10.1123-3.2614i	-22.1649-8.1127i	5.3863+2.5374i	-9.5267-3.3339i	8.0442+6.3279i
56.9	-1.4294+2.4063i	77.4818-53.6461i	-3.8720-0.2548i	-10.1062-2.6675i	-21.7105-7.0132i	5.3792+2.2622i	-9.5460-2.7528i	7.6678+5.3472i
57.0	-1.3712+2.2435i	78.1806-54.7493i	-3.7883-0.0963i	-9.8001-2.2728i	-20.7039-6.2289i	5.2487+2.0674i	-9.2602-2.3605i	6.8748+4.8370i
57.1	-1.5937+1.7915i	79.6048-57.2170i	-3.5611-0.0474i	-9.0585-2.2225i	-18.3837-6.4111i	4.9730+1.9730i	-8.5401-2.2950i	5.3007+5.1180i
57.2	-2.3261+2.0889i	79.8573-60.0626i	-3.5743-0.4211i	-9.1066-3.4427i	-18.2876-10.0549i	4.9236+2.3936i	-8.5694-3.4926i	5.0280+7.4672i
57.3	-2.4550+3.0706i	78.9691-62.4031i	-4.1140-0.5550i	-10.6596-3.9300i	-22.1538-11.7539i	5.4657+2.5964i	-10.0897-3.9882i	7.5303+8.6686i
57.4	-1.7170+3.3345i	76.4327-63.2718i	-4.3487-0.1484i	-11.3987-2.8047i	-24.0964-9.2070i	5.7204+2.1567i	-10.8464-2.8948i	8.8563+7.0998i
57.5	-1.1672+3.3125i	76.4783-64.3874i	-4.4133+0.2751i	-11.6191-1.7992i	-24.2972-6.8416i	5.8005+1.7723i	-11.0873-1.9030i	9.0825+5.5648i
57.6	-0.8279+3.2915i	78.3280-67.2919i	-4.4865+0.6262i	-11.9408-0.9601i	-24.7322-5.3176i	5.9726+1.4062i	-11.4164-1.0716i	9.2271+4.4234i
57.7	-0.6061+3.1725i	76.3461-70.3284i	-4.3834+0.9406i	-11.8374-0.0772i	-24.4959-3.8019i	5.9347+0.9823i	-11.3280-0.1955i	9.0459+3.3968i
57.8	-0.5113+3.1694i	75.6542-71.3166i	-4.3317+1.1314i	-11.7857+0.4624i	-24.2095-2.9943i	5.8906+0.7489i	-11.2878+0.3438i	8.9494+2.7868i
57.9	-0.4775+3.0373i	75.2228-71.3616i	-4.1368+1.2194i	-11.3744+0.7045i	-23.5770-2.5751i	5.6817+0.6651i	-10.8697+0.5992i	8.0991+2.4062i
58.0	-0.1904+3.1428i	72.2377-74.0025i	-4.0893+1.5254i	-11.3227+1.4939i	-23.1707-1.2840i	5.6299+0.3236i	-10.8373+1.3846i	7.9540+1.6078i
58.1	0.0229+3.0043i	71.5290-76.9288i	-4.0156+1.6915i	-11.2647+2.0236i	-23.2025-0.4852i	5.6532+0.0755i	-10.7724+1.9005i	7.7389+1.2919i
58.2	-0.0728+2.7763i	69.7921-78.2935i	-3.7864+1.8556i	-10.7460+2.6131i	-22.6409+0.4646i	5.4429-0.1964i	-10.2556+2.5034i	7.1415+0.4830i
58.3	0.0020+3.1098i	68.6275-80.8252i	-3.7289+1.9938i	-10.6098+3.0262i	-22.1238+1.1895i	5.3796-0.3442i	-10.1178+2.9247i	6.4239+0.0636i
58.4	0.3151+3.1356i	68.1987-80.7053i	-3.6939+2.0676i	-10.4699+3.2405i	-21.4479+1.2064i	5.2966-0.4180i	-9.9766+3.1492i	5.7576+0.0538i
58.5	0.2919+3.0376i	65.0661-82.1099i	-3.4243+2.1104i	-9.8164+3.3752i	-20.4659+0.9273i	5.0231-0.4806i	-9.3200+3.2903i	4.8217+0.7836i
58.6	0.7844+3.1385i	59.8888-84.9220i	-3.4789+2.2493i	-10.1144+3.8927i	-21.7699+1.6321i	5.1783-0.7506i	-9.6257+3.7724i	6.2839+0.9952i
58.7	1.0282+2.9930i	59.3308-85.9138i	-3.5451+2.3799i	-10.2678+4.3909i	-22.2927+2.8593i	5.2608-0.9966i	-9.7725+4.2541i	6.7126+0.2377i
58.8	1.2279+2.8040i	57.7613-88.0081i	-3.3928+2.6117i	-9.8982+5.0547i	-21.8675+4.0419i	5.1207-1.3057i	-9.3968+4.9122i	6.0754-0.4965i
58.9	1.4406+2.6875i	55.1830-85.4103i	-3.1878+2.7307i	-9.2884+5.4693i	-20.7636+4.4679i	4.8140-1.4802i	-8.7905+5.3503i	5.3255-1.1870i
59.0	1.5681+2.5657i	54.1507-84.4825i	-3.0533+2.7411i	-8.8793+5.5506i	-20.1264+4.6408i	4.6258-1.5240i	-8.3739+5.4247i	4.7690-1.0289i
59.1	1.6808+2.2687i	54.3177-84.3316i	-2.9931+2.8358i	-8.6528+5.8582i	-19.9745+4.8424i	4.5395-1.6234i	-8.1387+5.7351i	4.3499-1.1883i
59.2	1.8062+1.9913i	52.5805-86.2469i	-2.8308+2.9889i	-8.2564+6.2831i	-19.6413+5.5081i	4.3865-1.8227i	-7.7367+6.1530i	4.0070-1.3708i
59.3	1.8186+1.7820i	50.8813-86.6423i	-2.6827+3.0506i	-7.8403+6.5112i	-19.3124+5.9515i	4.2341-1.9456i	-7.3093+6.3654i	3.6788-1.3839i
59.4	1.8166+1.5297i	49.0919-86.4302i	-2.5155+3.0906i	-7.3665+6.6750i	-18.7714+6.3398i	4.0415-2.0403i	-6.8310+6.5117i	3.2153-1.2224i
59.5	1.7477+1.3601i	48.1033-86.6109i	-2.3601+3.1235i	-6.9681+6.7586i	-18.3695+6.6385i	3.8861-2.0870i	-6.4204+6.5884i	2.8114-1.1802i
59.6	1.7297+1.1869i	45.4291-87.8645i	-2.1833+3.2290i	-6.4625+7.0214i	-17.9296+7.2952i	3.6810-2.2220i	-5.9115+6.8285i	2.4948-1.2241i
59.7	1.7151+1.0318i	43.6856-88.1211i	-1.9909+3.2564i	-5.9438+7.1084i	-17.4901+7.6950i	3.4888-2.2976i	-5.3869+6.9019i	2.1066-1.1655i
59.8	1.6196+0.8339i	44.1994-86.4546i	-1.7484+3.2129i	-5.3191+6.9501i	-16.7571+7.7551i	3.2346-2.2567i	-4.7550+6.7396i	1.3675-1.0298i
59.9	1.4873+0.8141i	43.9385-87.2625i	-1.6581+3.2646i	-5.0191+7.0894i	-16.6447+7.9421i	3.1434-2.3233i	-4.4342+6.8563i	1.1278-1.0634i
60.0	1.4408+0.8027i	42.4316-90.4116i	-1.5243+3.3386i	-4.7155+7.2608i	-16.4768+8.6098i	3.0448-2.4349i	-4.1126+6.9789i	0.9439-0.9088i
60.1	1.3407+0.7954i	43.5381-90.7335i	-1.4753+3.2560i	-4.5737+7.0626i	-16.2644+8.5396i	2.9619-2.3846i	-3.9816+6.7802i	0.8010-0.5252i
60.2	1.1725+0.7638i	42.9891-88.4504i	-1.3653+3.1487i	-4.2419+6.8179i	-15.7748+8.2819i	2.7806-2.3047i	-3.6606+6.5481i	0.4098-0.2987i
60.3	1.0512+0.7942i	40.1090-89.3836i	-1.1755+3.0861i	-3.7955+6.6895i	-15.1585+8.7295i	2.5945-2.3236i	-3.2255+6.3851i	0.2240+0.0254i
60.4	0.9271+0.8841i	39.1727-90.2375i	-1.0092+3.0233i	-3.3804+6.4971i	-14.7362+8.9217i	2.4115-2.2888i	-2.8124+6.1665i	-0.1404+0.3180i
60.5	0.9253+1.2013i	39.7246-91.1512i	-1.0031+3.0019i	-3.3767+6.4333i	-14.7417+8.8266i	2.3666-2.2523i	-2.8005+6.0976i	-0.1365+0.5075i
60.6	1.2428+1.4350i	37.3657-92.9563i	-0.9187+2.9270i	-3.2299+6.2611i	-14.5294+9.1238i	2.2957-2.2286i	-2.6546+5.9004i	-0.1010+0.8354i
60.7	1.6071+1.4323i	36.5378-90.8039i	-0.9381+2.7514i	-3.2747+5.8587i	-14.1355+8.8266i	2.2393-2.0718i	-2.7101+5.4951i	-0.1050+1.2572i
60.8	2.0291+1.2523i	35.9337-90.6407i	-0.9038+2.6770i	-3.2254+5.7122i	-13.9155+8.9224i	2.1762-2.0297i	-2.6643+5.3400i	-0.2213+1.3834i
60.9	2.3281+0.7136i	33.6393-91.1612i	-0.8372+2.6180i	-3.0492+5.6853i	-13.5810+9.2664i	2.0911-2.0473i	-2.4968+5.2860i	-0.2938+1.5177i
61.0	2.2976+0.3769i	33.5856-92.9560i	-0.8613+2.6466i	-3.0650+5.8210i	-13.6630+9.5454i	2.1092-2.0847i	-2.5095+5.3957i	-0.2048+1.7530i
61.1	2.2043+0.0182i	33.8631-94.8418i	-0.8416+2.6076i	-2.9743+5.7777i	-13.6177+9.7171i	2.0639-2.0894i	-2.4134+5.3339i	-0.3880+2.0398i
61.2	2.0421-0.3737i	31.0828-95.5273i	-0.7615+2.6212i	-2.7843+5.8709i	-13.1352+10.2249i	1.9617-2.1562i	-2.2486+5.3968i	-0.2519+2.2203i
61.3	1.8830-0.5412i	29.3840-94.9817i	-0.6996+2.6057i	-2.6192+5.8851i	-12.7086+10.4166i	1.8569-2.1798i	-2.1014+5.4056i	-0.2953+2.1762i
61.4	1.7043-0.5827i	29.9077-94.7714i	-0.7532+2.5858i	-2.7136+5.8712i	-12.7645+10.2300i	1.8548-2.1550i	-2.1962+5.3888i	-0.2160+2.3118i
61.5	1.4247-0.6581i	28.8896-95.7211i	-0.7849+2.5546i	-2.7196+5.8600i	-12.5985+10.4038i	1.8072-2.1433i	-2.2123+5.3532i	-0.1765+2.6476i
61.6	1.2087-0.7412i	27.0770-95.3953i	-0.7190+2.4943i	-2.4831+5.7367i	-12.0791+10.5102i	1.6707-2.0903i	-1.9939+5.2196i	-0.3106+2.8548i
61.7	1.1197-0.7738i	23.9368-97.9439i	-0.6390+2.5181i	-2.2646+5.8148i	-11.7474+11.0425i	1.5731-2.1413i	-1.7923+5.2703i	-0.2033+3.0259i
61.8	0.9419-0.7364i	21.8847-98.7151i	-0.5951+2.5327i	-2.0408+5.8389i	-11.4740+11.2022i	1.4376-2.1219i	-1.5827+5.2810i	-0.1913+3.2261i
61.9	0.7917-0.7890i	18.5358-99.0391i	-0.5553+2.5426i	-1.8874+5.9112i	-10.9623+11.5550i	1.3515-2.1485i	-1.4522+5.3372i	0.0308+3.3527i
62.0	0.7054-0.7877i	16.1006-99.0955i	-0.4759+2.5040i	-1.6745+5.8366i	-10.4589+11.7043i	1.2419-2.1292i	-1.2574+5.2522i	0.1102+3.3690i
62.1	0.5771-0.6953i	15.9466-98.8876i	-0.4853+2.4911i	-1.6580+5.7206i	-10.2789+11.6521i	1.1927-2.0386i	-1.2472+5.1209i	0.1002+3.6874i
62.2	0.4793-0.6497i	15.3377-99.5986i	-0.4985+2.5137i	-1.5378+5.7567i	-10.2281+11.8049i	1.1177-1.9972i	-1.1304+5.1510i	0.1635+3.8744i
62.3	0.4072-0.6302i	12.3335-100.7342i	-0.4738+2.5405i	-1.4461+5.8088i	-9.8764+12.1688i	1.0552-2.0047i	-1.0599+5.1877i	0.4214+3.9374i

62.4	0.3264-0.5539i	7.5305-98.9418i	-0.3598+2.4991i	-1.2698+5.7089i	-9.0139+12.3213i	0.9722-1.9494i	-0.9211+5.0735i	0.6415+3.9414i
62.5	0.2992-0.5301i	5.5041-99.2255i	-0.3664+2.4964i	-1.1721+5.7168i	-8.7814+12.3973i	0.9227-1.9148i	-0.8414+5.0711i	0.8161+4.0523i
62.6	0.2672-0.4835i	4.3744-98.9535i	-0.3587+2.4801i	-1.0644+5.6479i	-8.5998+12.4753i	0.8697-1.8685i	-0.7413+4.9931i	0.8384+4.1909i
62.7	0.2194-0.4461i	2.6327-95.6461i	-0.3895+2.3910i	-1.1267+5.4367i	-8.1679+12.1665i	0.8572-1.7454i	-0.8219+4.7888i	0.9766+4.3522i
62.8	0.1997-0.4181i	-0.2096-95.0033i	-0.3519+2.4192i	-1.0096+5.4798i	-7.7438+12.2774i	0.8175-1.7158i	-0.7312+4.8263i	1.1959+4.3462i
62.9	0.2033-0.3701i	-4.5023-95.6782i	-0.2825+2.4755i	-0.7873+5.4899i	-7.2269+12.7259i	0.7683-1.6983i	-0.5443+4.8195i	1.5475+4.3774i
63.0	0.1601-0.2942i	-5.5466-93.0769i	-0.2812+2.5385i	-0.7798+5.5819i	-6.9276+12.7289i	0.7630-1.6611i	-0.5587+4.9060i	1.8017+4.3293i
63.1	0.2428-0.2853i	-5.3198-93.4543i	-0.2775+2.5222i	-0.7555+5.5842i	-6.7438+12.7297i	0.7448-1.6464i	-0.5404+4.9026i	1.6890+4.3303i
63.2	0.2131-0.3289i	-5.7185-92.4740i	-0.3757+2.5321i	-0.8447+5.5585i	-6.7578+12.6039i	0.7347-1.5912i	-0.6317+4.8813i	1.7325+4.4459i
63.3	0.2276-0.3415i	-8.1006-90.6332i	-0.3371+2.5125i	-0.7109+5.4288i	-6.3280+12.5297i	0.6967-1.5137i	-0.5205+4.7489i	1.8536+4.4837i
63.4	0.2428-0.3256i	-11.3634-91.1701i	-0.2411+2.5952i	-0.4813+5.5817i	-5.8297+12.8837i	0.6751-1.5470i	-0.3205+4.8905i	2.1215+4.4244i
63.5	0.2802-0.3479i	-12.0343-92.3378i	-0.2717+2.6347i	-0.5406+5.6507i	-5.7374+13.0029i	0.7152-1.5366i	-0.3849+4.9450i	2.2039+4.5372i
63.6	0.2300-0.3995i	-13.7481-90.5774i	-0.2733+2.7165i	-0.5048+5.7355i	-5.4646+13.0182i	0.6934-1.4887i	-0.3700+5.0283i	2.4199+4.6278i
63.7	0.1510-0.4168i	-13.8992-87.1840i	-0.2233+2.7680i	-0.4137+5.7734i	-5.1338+12.7769i	0.7019-1.4244i	-0.3090+5.0740i	2.6593+4.5974i
63.8	0.1586-0.3799i	-17.0569-84.9757i	-0.0502+2.7677i	-0.0759+5.7388i	-4.4780+12.7013i	0.6752-1.4130i	-0.0026+5.0567i	2.8621+4.3448i
63.9	0.1971-0.3856i	-17.1806-83.6653i	0.0103+2.7788i	0.0641+5.7702i	-4.2235+12.6933i	0.6625-1.4173i	0.1255+5.0935i	2.9145+4.2095i
64.0	0.1813-0.4573i	-19.0923-81.9639i	0.1253+2.8173i	0.2601+5.7670i	-3.7663+12.7084i	0.6427-1.4136i	0.2949+5.0963i	3.1093+4.0623i
64.1	0.1605-0.5526i	-18.6685-80.2519i	0.0867+2.8030i	0.1569+5.6698i	-3.6583+12.4853i	0.6610-1.3659i	0.1880+4.9981i	3.0472+4.2843i
64.2	0.1099-0.6388i	-19.2520-76.5373i	0.1796+2.7550i	0.2738+5.5453i	-3.2195+12.2541i	0.6759-1.3461i	0.2919+4.8905i	3.0461+4.1193i
64.3	0.0636-0.7198i	-20.0773-75.9055i	0.2527+2.8123i	0.3610+5.6906i	-2.9898+12.2448i	0.6839-1.3758i	0.3667+5.0329i	3.1499+4.1124i
64.4	-0.0727-0.7490i	-20.5154-75.8165i	0.3044+2.8792i	0.4068+5.7977i	-2.8461+12.2257i	0.6815-1.3834i	0.4050+5.1335i	3.2743+4.2253i
64.5	-0.2360-0.8319i	-21.1225-76.6386i	0.3464+2.9032i	0.5213+5.8447i	-2.7016+12.2210i	0.6280-1.3959i	0.5059+5.1689i	3.3154+4.3900i
64.6	-0.3289-0.7902i	-22.5453-75.7305i	0.4571+2.9512i	0.7028+6.0374i	-2.4819+12.2779i	0.6108-1.4463i	0.6728+5.3643i	3.4026+4.2569i
64.7	-0.3663-0.7285i	-22.2383-73.0559i	0.5369+2.9149i	0.9012+6.0947i	-2.2072+12.0804i	0.5811-1.4612i	0.8630+5.4365i	3.3592+4.1133i
64.8	-0.4416-0.7111i	-22.2678-70.8993i	0.6496+2.8775i	1.1714+6.0767i	-1.9011+11.9032i	0.5257-1.4644i	1.1199+5.4304i	3.3758+4.0346i
64.9	-0.5866-0.5797i	-23.9224-68.6605i	0.7444+2.9320i	1.2682+6.2343i	-1.5407+11.9028i	0.5053-1.4523i	1.1871+5.5888i	3.7405+4.0628i
65.0	-0.6444-0.5290i	-25.1463-67.7937i	0.8732+2.8860i	1.5704+6.2040i	-1.1848+11.8018i	0.4610-1.4652i	1.4684+5.5640i	3.8323+3.9948i
65.1	-0.6291-0.5073i	-26.1871-65.2357i	1.0164+2.7626i	1.9859+6.0399i	-0.6976+11.4845i	0.3729-1.4805i	1.8690+5.4215i	3.8006+3.7241i
65.2	-0.7177-0.5067i	-26.6540-66.0160i	1.1292+2.7241i	2.3029+6.0316i	-0.5348+11.4371i	0.3163-1.4667i	2.1691+5.4108i	3.8312+3.7905i
65.3	-0.8206-0.4626i	-24.7559-63.7232i	1.1645+2.6325i	2.5227+5.8705i	-0.5777+11.1417i	0.2556-1.4108i	2.3925+5.2581i	3.7660+3.8761i
65.4	-0.8448-0.3136i	-24.6228-60.2558i	1.2631+2.5477i	2.7952+5.7148i	-0.1817+10.8850i	0.2124-1.3466i	2.6395+5.1226i	3.9965+3.7322i
65.5	-0.8837-0.2953i	-25.6825-59.3856i	1.3528+2.4360i	3.1377+5.5484i	0.1024+10.7589i	0.1250-1.3479i	2.9678+4.9558i	3.9866+3.7536i
65.6	-0.8625-0.2361i	-26.5465-57.9205i	1.4436+2.3393i	3.5149+5.3862i	0.4169+10.6349i	0.0729-1.3349i	3.3248+4.8027i	4.1095+3.6725i
65.7	-0.8412-0.2078i	-26.4145-56.2288i	1.4869+2.2307i	3.7496+5.1166i	0.5601+10.4309i	0.0547-1.3247i	3.5557+4.5488i	4.1955+3.4970i
65.8	-0.8517-0.1684i	-26.6287-54.6002i	1.5683+2.1674i	4.0932+4.9277i	0.7911+10.2432i	0.0225-1.2827i	3.8807+4.3792i	4.4246+3.3746i
65.9	-0.8790-0.0798i	-27.4967-53.7574i	1.5951+2.1795i	4.3563+4.8234i	0.9410+10.2996i	-0.0117-1.2098i	4.1272+4.2798i	4.6405+3.3680i
66.0	-1.0116+0.0032i	-27.8328-52.3611i	1.5860+2.0786i	4.5286+4.4398i	1.0296+10.2068i	-0.0654-1.0782i	4.2888+3.8981i	4.8129+3.5301i
66.1	-1.0350-0.0138i	-27.2068-51.1937i	1.6753+1.9626i	4.7809+4.0756i	1.2744+9.9835i	-0.0759-1.0329i	4.5287+3.5457i	4.9278+3.3752i
66.2	-1.1042+0.0801i	-27.1025-49.3987i	1.6450+1.9155i	4.8117+3.7294i	1.4404+9.8273i	-0.0539-0.8989i	4.5419+3.2158i	5.1421+3.4223i
66.3	-1.1670+0.0828i	-26.7087-49.7466i	1.5987+1.8071i	4.8845+3.3288i	1.3521+9.8036i	-0.1125-0.8452i	4.6264+2.8225i	4.8956+3.3393i
66.4	-1.1139+0.0814i	-25.5404-47.8076i	1.6566+1.6231i	5.0084+2.8008i	1.5620+9.3795i	-0.1234-0.8623i	4.7537+2.3265i	4.7949+2.8464i
66.5	-1.1155+0.2104i	-26.8347-44.7673i	1.7881+1.6122i	5.2359+2.4698i	2.1152+9.3029i	-0.0637-0.8155i	4.9527+2.0142i	5.2487+2.5865i
66.6	-1.2091+0.3305i	-26.6414-45.3028i	1.7887+1.6658i	5.2273+2.2455i	2.2625+9.5245i	0.0161-0.7160i	4.9239+1.7739i	5.5885+2.8195i
66.7	-1.2840+0.3438i	-24.4189-43.1687i	1.6731+1.3634i	4.9778+1.4470i	2.1805+8.9232i	-0.1028-0.6231i	4.6990+0.9947i	4.9763+2.7089i
66.8	-1.3251+0.4025i	-23.4917-42.4813i	1.6016+1.2879i	4.9525+1.2821i	2.0068+8.6392i	-0.1003-0.5677i	4.6815+0.8461i	4.9295+2.6753i
66.9	-1.3217+0.5343i	-22.7504-41.6957i	1.4908+1.2789i	4.5349+1.0781i	1.9770+8.4380i	-0.0031-0.4743i	4.2640+0.6495i	5.0787+2.7812i
67.0	-1.3190+0.7548i	-22.8447-39.2222i	1.5597+1.3086i	4.5241+0.8036i	2.3978+8.5186i	0.0993-0.4225i	4.2211+0.3804i	5.5709+2.6955i
67.1	-1.2702+0.8900i	-22.0635-37.3669i	1.5862+1.2381i	4.4032+0.4043i	2.6896+8.4023i	0.1414-0.3686i	4.0968-0.0048i	5.5869+2.4973i
67.2	-1.2687+0.9835i	-21.3597-37.2630i	1.5239+1.1559i	4.1102+0.2174i	2.6185+8.0853i	0.1863-0.3661i	3.8103-0.1775i	5.4732+2.3449i
67.3	-1.2727+1.1761i	-22.2348-35.9892i	1.5245+1.1925i	4.0259+0.0306i	2.8934+8.1191i	0.2598-0.3127i	3.6987-0.3596i	5.9130+2.2883i
67.4	-1.1799+1.2720i	-20.6288-35.0736i	1.4510+1.0876i	3.7555-0.2799i	2.8700+7.8540i	0.2514-0.3040i	3.4362-0.6490i	5.7108+2.0605i
67.5	-1.0686+1.2856i	-18.5464-33.9998i	1.3975+1.0024i	3.4500-0.4367i	2.8618+7.5451i	0.2734-0.3207i	3.1406-0.7944i	5.5126+1.9445i
67.6	-0.9786+1.4245i	-18.2802-33.7081i	1.4193+1.0711i	3.2338-0.4933i	3.1068+7.5703i	0.3960-0.2775i	2.9063-0.8488i	5.8595+1.9276i
67.7	-0.8843+1.5570i	-19.4207-32.5954i	1.3638+1.1188i	3.1134-0.5879i	3.0730+7.5726i	0.4290-0.2193i	2.7863-0.9348i	5.8886+1.9171i
67.8	-0.7931+1.6097i	-18.0488-31.4809i	1.3034+1.0883i	2.8672-0.6585i	3.0289+7.4231i	0.4593-0.2018i	2.5457-1.0015i	5.8310+1.9158i
67.9	-0.6418+1.6790i	-17.8221-31.1691i	1.3591+1.1219i	2.6449-0.6820i	3.3177+7.4564i	0.5677-0.2345i	2.3109-1.0192i	6.0948+1.7147i
68.0	-0.5757+1.6474i	-15.9083-30.1558i	1.2431+1.0618i	2.2369-0.7603i	3.1223+7.1419i	0.5364-0.2207i	1.9206-1.0917i	5.7115+1.7301i
68.1	-0.4154+1.7258i	-13.8140-29.2548i	1.3282+1.0926i	2.1842-0.8507i	3.4185+7.0771i	0.6500-0.2382i	1.8503-1.1646i	6.0793+1.4484i
68.2	-0.2934+1.7692i	-13.9221-28.0472i	1.3542+1.1038i	2.0417-0.9442i	3.4813+7.0821i	0.6965-0.2582i	1.7080-1.2508i	6.1515+1.2109i
68.3	-0.1676+1.7142i	-13.3876-26.2182i	1.2963+1.1007i	1.6756-0.9199i	3.5180+6.9543i	0.6879-0.2232i	1.3457-1.2232i	5.9366+1.2901i
68.4	-0.0246+1.7294i	-12.7000-26.6286i	1.4076+1.0730i	1.6469-0.9003i	3.8644+6.8107i	0.7895-0.3044i	1.3031-1.1841i	6.2314+0.9419i
68.5	0.0400+1.6712i	-9.5159-26.3061i	1.4118+1.0357i	1.4954-0.8552i	3.9350+6.5948i	0.8438-0.3301i	1.1546-1.1259i	6.1914+0.7920i
68.6	0.0280+1.6543i	-8.2553-25.7578i	1.3367+1.0414i	1.3239-0.7633i	3.7490+6.4835i	0.8292-0.2912i	0.9931-1.0350i	5.9899+0.9240i

68.7	0.1931+1.6746i	-8.6282-24.5912i	1.4423+1.1241i	1.1456-0.7205i	4.1503+6.5757i	0.9224-0.2842i	0.7969-0.9894i	6.2234+0.8726i
68.8	0.2630+1.6234i	-7.4353-23.8410i	1.4373+1.1149i	0.9872-0.6707i	4.2608+6.4347i	0.9415-0.2671i	0.6407-0.9331i	6.1042+0.8739i
68.9	0.4230+1.5773i	-3.5456-22.7184i	1.5654+1.0332i	0.8384-0.5922i	4.7264+6.1568i	1.0666-0.3753i	0.4820-0.8351i	6.1923+0.5298i
69.0	0.5143+1.5968i	-2.7644-23.4210i	1.7038+1.0514i	0.7948-0.5803i	5.1446+6.1723i	1.1623-0.4748i	0.4222-0.8155i	6.4877+0.2633i
69.1	0.6338+1.5331i	-2.1267-23.2692i	1.7860+1.0093i	0.6895-0.4409i	5.3968+5.9393i	1.2079-0.5382i	0.3087-0.6645i	6.5709+0.1437i
69.2	0.6412+1.4503i	0.2206-23.1077i	1.7457+0.9750i	0.5856-0.2452i	5.3123+5.7099i	1.2078-0.5782i	0.2100-0.4666i	6.4889+0.3256i
69.3	0.6940+1.4036i	3.4049-22.4471i	1.8305+0.9576i	0.5770-0.1582i	5.6002+5.4702i	1.2886-0.6389i	0.1884-0.3727i	6.7675+0.3054i
69.4	0.7984+1.2631i	3.6639-22.4643i	1.9360+0.7774i	0.6149-0.1378i	6.0320+4.8543i	1.2285-0.7614i	0.2196-0.3263i	6.6737-0.1282i
69.5	0.8771+1.1570i	4.4746-23.5547i	2.0074+0.6780i	0.6141-0.1864i	6.2644+4.5516i	1.2342-0.8427i	0.2087-0.3620i	6.7608-0.3812i
69.6	0.9322+1.1163i	6.9338-24.3316i	2.0677+0.5958i	0.6254-0.0831i	6.3740+4.3042i	1.2291-0.9046i	0.2160-0.2427i	6.9122-0.5638i
69.7	0.9639+1.1336i	9.3878-25.5453i	2.1138+0.5762i	0.6762-0.1102i	6.5377+4.2118i	1.2522-0.9254i	0.2557-0.2576i	7.1008-0.7190i
69.8	0.9775+1.0666i	11.2368-25.5435i	2.1653+0.5290i	0.6459-0.0627i	6.7522+3.9568i	1.3269-0.9287i	0.2124-0.1994i	7.3815-0.7181i
69.9	0.9833+1.0654i	14.5525-26.6000i	2.2052+0.4681i	0.6226-0.0680i	6.8604+3.6902i	1.3419-0.9170i	0.1838-0.1969i	7.5158-0.7657i
70.0	0.9795+0.9808i	18.5135-26.9432i	2.2151+0.3259i	0.6807-0.0627i	6.9426+3.1743i	1.3709-0.9340i	0.2399-0.1735i	7.6268-0.9382i
70.1	1.0324+0.9139i	21.7359-29.5526i	2.2907+0.1985i	0.7056-0.0371i	7.1970+2.7142i	1.4575-1.0265i	0.2531-0.1216i	7.9371-1.2797i
70.2	1.0962+0.8518i	21.7542-31.4745i	2.3120+0.0890i	0.5884-0.0932i	7.4192+2.2386i	1.4332-1.0930i	0.1311-0.1523i	7.9519-1.6609i
70.3	1.1161+0.7969i	23.2490-33.1417i	2.2923-0.0392i	0.5011-0.1007i	7.3927+1.7557i	1.4476-1.1484i	0.0490-0.1367i	7.9438-1.9843i
70.4	1.1736+0.6896i	28.7282-37.3914i	2.3589-0.2621i	0.5019-0.1085i	7.6131+0.9317i	1.5425-1.2683i	0.0402-0.1041i	8.2656-2.5017i
70.5	1.1655+0.5138i	30.2598-41.5957i	2.3090-0.5004i	0.4552-0.1849i	7.4701+0.1178i	1.5234-1.4067i	0.0055-0.1393i	8.1248-3.1835i
70.6	1.2249+0.4294i	29.9730-45.1052i	2.3772-0.6841i	0.4783-0.2007i	7.6152-0.4796i	1.5384-1.5339i	0.0267-0.1250i	8.2448-3.7310i
70.7	1.1786+0.3033i	30.7524-51.0676i	2.2824-0.8905i	0.4610-0.2235i	7.3098-1.1881i	1.5603-1.7202i	0.0227-0.1136i	8.2616-4.3686i
70.8	1.0739+0.1964i	29.5107-57.4136i	2.0222-1.1034i	0.3722-0.3634i	6.5539-1.8784i	1.4622-1.8654i	-0.0290-0.2179i	7.7359-5.1556i
70.9	0.9838+0.1079i	25.9912-62.8771i	1.7925-1.3310i	0.2411-0.4002i	5.9151-2.6402i	1.3189-1.9898i	-0.1233-0.2153i	7.1428-5.8062i
71.0	0.9399+0.0128i	23.3951-66.3225i	1.6731-1.5082i	0.1401-0.4288i	5.5886-3.2602i	1.2526-2.1317i	-0.2047-0.2160i	6.8043-6.4551i
71.1	0.8318-0.0823i	19.3949-78.1290i	1.3981-1.8036i	0.1706-0.5045i	4.6594-4.2769i	1.1000-2.4074i	-0.1256-0.2364i	6.1778-7.5689i
71.2	0.7348-0.1209i	15.8030-83.7945i	1.1767-1.9322i	0.1260-0.6044i	3.9546-4.7238i	0.9738-2.5045i	-0.1365-0.3094i	5.6345-8.0487i
71.3	0.6044-0.1246i	8.7654-84.0587i	0.7973-1.8609i	-0.1406-0.5992i	2.8600-4.5525i	0.7493-2.4875i	-0.3337-0.3158i	4.4345-7.9931i
71.4	0.5263-0.1788i	3.2299-85.7322i	0.4832-1.9524i	-0.2875-0.6334i	1.8758-4.8652i	0.5732-2.5524i	-0.4271-0.3380i	3.5038-8.3079i
71.5	0.4662-0.1406i	-4.0967-82.2205i	0.3458-1.8022i	-0.4014-0.4723i	1.4987-4.4725i	0.4586-2.4923i	-0.5240-0.2006i	2.9575-7.9121i
71.6	0.4450-0.1192i	-9.7679-84.8707i	0.1360-1.7792i	-0.4851-0.4471i	0.8308-4.5322i	0.2836-2.5765i	-0.5728-0.1764i	2.2636-8.1229i
71.7	0.3255-0.0261i	-19.1280-83.0305i	-0.2323-1.5694i	-0.7073-0.3930i	-0.2279-4.0816i	0.0509-2.5214i	-0.7376-0.1456i	1.1556-7.7746i
71.8	0.2143-0.0146i	-22.9976-76.3637i	-0.4621-1.3775i	-0.8925-0.3191i	-0.8561-3.5183i	-0.0790-2.3390i	-0.8875-0.1063i	0.4136-7.0428i
71.9	0.2524+0.0446i	-25.0818-70.3783i	-0.4293-1.1478i	-0.9227-0.0892i	-0.8525-2.9516i	-0.1783-2.2477i	-0.9115+0.0971i	0.1273-6.5219i
72.0	0.2605+0.0955i	-25.1011-71.0860i	-0.4708-1.1171i	-0.9754-0.0174i	-0.9772-2.9354i	-0.1118-2.2673i	-0.9610+0.1740i	0.2707-6.5158i
72.1	0.2371+0.1165i	-27.8365-69.3189i	-0.5575-0.9910i	-1.0642+0.1084i	-1.1770-2.6495i	-0.1669-2.2097i	-1.0415+0.2772i	-0.0093-6.1088i
72.2	0.2725+0.1264i	-32.8091-64.6530i	-0.6159-0.8573i	-1.0731+0.3186i	-1.4940-2.3337i	-0.3381-2.1571i	-1.0308+0.4646i	-0.5541-5.7802i
72.3	0.2163+0.1440i	-35.3664-60.7972i	-0.7230-0.6752i	-1.2111+0.4716i	-1.7977-1.9166i	-0.4222-2.0499i	-1.1502+0.5905i	-0.9212-5.2510i
72.4	0.2222+0.1595i	-36.7868-59.4839i	-0.7549-0.5873i	-1.2250+0.5831i	-1.9747-1.8238i	-0.4575-2.0762i	-1.1557+0.6991i	-1.0013-5.1731i
72.5	0.2349+0.2128i	-37.6721-59.0920i	-0.7338-0.4665i	-1.2163+0.6980i	-2.0317-1.5870i	-0.4777-2.0749i	-1.1449+0.8002i	-1.0102-4.9755i
72.6	0.2423+0.2314i	-33.8008-55.3434i	-0.6382-0.3844i	-1.1909+0.7569i	-1.8026-1.2485i	-0.4176-1.9332i	-1.1261+0.8389i	-0.8490-4.4910i
72.7	0.2625+0.2152i	-35.8839-48.5212i	-0.6281-0.3121i	-1.0960+0.9133i	-1.9794-1.0462i	-0.5180-1.8926i	-1.0187+0.9891i	-1.1305-4.3497i
72.8	0.2430+0.2122i	-36.0627-47.5248i	-0.6554-0.2241i	-1.0932+0.9380i	-2.0928-0.9005i	-0.5480-1.8216i	-1.0158+1.0037i	-1.1441-4.0498i
72.9	0.2600+0.2314i	-37.3822-46.2883i	-0.6459-0.0673i	-1.0282+1.1558i	-2.0963-0.6496i	-0.6130-1.8535i	-0.9478+1.2058i	-1.2252-3.8406i
73.0	0.2112+0.2730i	-38.4428-40.9574i	-0.6669+0.1015i	-0.9793+1.2686i	-2.2500-0.1679i	-0.6941-1.7090i	-0.8884+1.2868i	-1.4485-3.2525i
73.1	0.2133+0.2514i	-34.8273-39.2007i	-0.6277+0.0590i	-0.8769+1.2385i	-2.2082-0.2816i	-0.6635-1.6423i	-0.7831+1.2579i	-1.3936-3.1820i
73.2	0.2473+0.2709i	-33.9863-38.4015i	-0.5895+0.0968i	-0.8119+1.2713i	-2.1900-0.3654i	-0.6632-1.6812i	-0.7189+1.3012i	-1.3624-3.3092i
73.3	0.2579+0.3007i	-35.6779-34.6931i	-0.5262+0.1890i	-0.7823+1.3120i	-2.1167-0.0074i	-0.6808-1.5641i	-0.6987+1.3209i	-1.2402-2.9198i
73.4	0.2449+0.2631i	-34.6829-32.3400i	-0.5532+0.1842i	-0.8234+1.3021i	-2.2252+0.0864i	-0.6779-1.4950i	-0.7313+1.3048i	-1.3555-2.7698i
73.5	0.2411+0.3111i	-32.6178-31.6598i	-0.5586+0.2764i	-0.7846+1.5259i	-2.1617+0.1584i	-0.6274-1.5397i	-0.6997+1.5198i	-1.2461-2.6361i
73.6	0.2133+0.3326i	-31.3917-32.3351i	-0.5643+0.2828i	-0.7806+1.5047i	-2.2737+0.1000i	-0.6170-1.5345i	-0.6874+1.5044i	-1.2702-2.6237i
73.7	0.2094+0.3262i	-31.0964-31.3411i	-0.5912+0.3251i	-0.7977+1.5330i	-2.4652+0.1265i	-0.6669-1.5485i	-0.6857+1.5279i	-1.5095-2.5362i
73.8	0.2253+0.3085i	-29.4815-29.2257i	-0.5577+0.3484i	-0.6477+1.5235i	-2.4852+0.2402i	-0.7358-1.5287i	-0.5294+1.5122i	-1.6287-2.4537i
73.9	0.2192+0.3004i	-27.7266-27.2139i	-0.5712+0.3519i	-0.6690+1.6398i	-2.6091+0.1909i	-0.7373-1.5297i	-0.5402+1.6323i	-1.7084-2.4623i
74.0	0.2341+0.3096i	-28.0157-25.7642i	-0.5396+0.3343i	-0.6400+1.6515i	-2.6089+0.1574i	-0.7328-1.5250i	-0.5124+1.6471i	-1.6052-2.5465i
74.1	0.2357+0.3484i	-28.8089-26.6875i	-0.5785+0.3864i	-0.6629+1.6421i	-2.7226+0.3504i	-0.7299-1.4828i	-0.5262+1.6285i	-1.6489-2.3761i
74.2	0.2545+0.2956i	-27.8595-23.7363i	-0.5096+0.4242i	-0.3910+1.6063i	-2.8136+0.4531i	-0.8978-1.3808i	-0.2408+1.5925i	-1.9806-2.1931i
74.3	0.2329+0.2870i	-27.2616-25.3233i	-0.4816+0.4656i	-0.3966+1.5571i	-2.9529+0.5270i	-0.9182-1.3358i	-0.2399+1.5276i	-2.0426-1.9816i
74.4	0.2243+0.3037i	-25.9490-25.4525i	-0.5264+0.4624i	-0.5057+1.5935i	-3.0519+0.5505i	-0.8634-1.3360i	-0.3411+1.5588i	-2.1040-1.9101i
74.5	0.2431+0.3129i	-24.9750-22.8625i	-0.5296+0.3873i	-0.4143+1.6410i	-2.9951+0.5254i	-0.8577-1.3458i	-0.2517+1.6103i	-2.0232-2.0113i
74.6	0.2663+0.3232i	-24.3824-20.1570i	-0.4245+0.4106i	-0.3429+1.5962i	-2.7317+0.6333i	-0.8099-1.2302i	-0.1950+1.5566i	-1.8023-1.7390i
74.7	0.2080+0.3443i	-23.0785-20.9664i	-0.4906+0.4780i	-0.5062+1.5758i	-2.8824+0.7798i	-0.7826-1.1926i	-0.3541+1.5215i	-1.8599-1.4738i
74.8	0.1956+0.3406i	-21.5354-20.3364i	-0.5450+0.4843i	-0.5383+1.5840i	-2.9960+0.8149i	-0.7695-1.2079i	-0.3705+1.5245i	-1.9922-1.4583i
74.9	0.2516+0.3332i	-21.0371-19.4066i	-0.5272+0.5822i	-0.4094+1.7350i	-3.2274+0.7358i	-0.8983-1.2904i	-0.2186+1.6728i	-2.3185-1.4922i

75.0	0.3087+0.3374i	-20.8822-17.1758i	-0.4633+0.5877i	-0.3880+1.7822i	-3.2582+0.7590i	-0.8943-1.2890i	-0.1935+1.7269i	-2.2922-1.6004i
75.1	0.3187+0.3023i	-19.7206-14.2183i	-0.4709+0.5436i	-0.3111+1.7472i	-3.2090+0.7683i	-0.9256-1.2570i	-0.1127+1.6961i	-2.4119-1.6485i
75.2	0.3112+0.3252i	-20.8105-14.8053i	-0.5142+0.5724i	-0.4205+1.7612i	-3.3281+0.9244i	-0.8954-1.2509i	-0.2114+1.6940i	-2.4641-1.5315i
75.3	0.2834+0.3535i	-18.6016-16.4263i	-0.5775+0.6110i	-0.4963+1.7772i	-3.5745+1.0230i	-0.8883-1.2315i	-0.2627+1.7012i	-2.6365-1.3327i
75.4	0.2828+0.4179i	-17.7652-16.7675i	-0.5990+0.7792i	-0.4629+1.9944i	-3.7003+1.3893i	-0.8972-1.2176i	-0.2202+1.8740i	-2.7545-0.7872i
75.5	0.2533+0.3327i	-14.2719-13.5412i	-0.7176+0.7994i	-0.3889+1.8819i	-4.2181+1.5494i	-1.0388-1.0608i	-0.1102+1.7378i	-3.4231-0.3045i
75.6	0.2842+0.3122i	-14.4408-11.3673i	-0.6521+0.7893i	-0.3443+1.8951i	-4.0828+1.5384i	-1.0979-1.0605i	-0.0704+1.7509i	-3.3984-0.3909i
75.7	0.3012+0.3088i	-13.6358-10.7356i	-0.5625+0.7930i	-0.3026+1.9333i	-4.0953+1.7241i	-1.1113-1.0059i	-0.0280+1.7735i	-3.3446-0.1849i
75.8	0.3386+0.3347i	-15.9179-11.1218i	-0.5583+0.7756i	-0.3391+1.9478i	-4.0472+1.7316i	-1.0380-1.0340i	-0.0578+1.7847i	-3.2443-0.1767i
75.9	0.2943+0.3582i	-11.9608-12.4515i	-0.6134+0.9490i	-0.3800+1.9906i	-4.0916+2.3567i	-1.0145-0.9027i	-0.0997+1.7718i	-3.2660+0.6596i
76.0	0.3111+0.3390i	-11.6680-12.7396i	-0.6312+0.9800i	-0.3171+2.0674i	-4.4437+2.4695i	-1.0862-0.8809i	-0.0123+1.8384i	-3.5043+0.7648i
76.1	0.2636+0.4126i	-8.5140-12.3968i	-0.6871+1.0665i	-0.5284+2.1241i	-4.4200+2.7255i	-0.9490-0.8442i	-0.2237+1.8648i	-3.2756+1.1847i
76.2	0.3082+0.3519i	-9.7141-9.8626i	-0.6445+1.0306i	-0.3497+2.1832i	-4.5368+2.5868i	-1.0705-0.8711i	-0.0326+1.9322i	-3.5168+1.0463i
76.3	0.3921+0.3261i	-9.4900-6.5735i	-0.6038+1.0461i	-0.1985+2.2262i	-4.5915+2.6959i	-1.1154-0.8482i	0.1287+1.9620i	-3.6038+1.1650i
76.4	0.4429+0.3351i	-9.9824-7.9959i	-0.5896+1.1510i	-0.2040+2.3806i	-4.6282+2.9976i	-1.1227-0.8754i	0.1242+2.0794i	-3.5387+1.4223i
76.5	0.3658+0.3565i	-6.4902-12.4101i	-0.6355+1.3513i	-0.3132+2.4832i	-4.8231+3.7779i	-1.1022-0.7469i	0.0184+2.1016i	-3.5620+2.4150i
76.6	0.3671+0.4082i	-5.0635-12.5273i	-0.5171+1.4813i	-0.1919+2.6053i	-4.6024+4.2565i	-1.0872-0.7028i	0.1140+2.1846i	-3.2201+2.8420i
76.7	0.3626+0.3695i	-2.7758-10.4536i	-0.5596+1.5303i	-0.1679+2.5689i	-4.6424+4.5850i	-1.1045-0.6284i	0.1464+2.1068i	-3.3754+3.2557i
76.8	0.3052+0.3581i	1.7711-12.0437i	-0.6896+1.6897i	-0.2321+2.5850i	-5.0987+5.0935i	-1.1562-0.5217i	0.1212+2.0677i	-3.8296+3.8870i
76.9	0.3445+0.4119i	0.7689-15.2522i	-0.5696+1.8167i	-0.2474+2.7446i	-4.9004+5.4404i	-1.0521-0.5010i	0.0790+2.1982i	-3.2638+4.3191i
77.0	0.3890+0.4289i	0.0706-15.9383i	-0.4355+1.8676i	-0.2330+2.8947i	-4.3764+5.6025i	-0.9384-0.5197i	0.0412+2.3293i	-2.5984+4.5074i
77.1	0.4697+0.4932i	-0.1673-16.8368i	-0.2648+2.0616i	-0.1603+3.2457i	-3.8186+6.3623i	-0.8405-0.5435i	0.0507+2.5983i	-1.8640+5.3174i
77.2	0.4404+0.4183i	2.6923-14.8715i	-0.3001+2.0969i	-0.0264+3.2022i	-3.9907+6.6628i	-0.9207-0.4708i	0.1992+2.5141i	-2.1354+5.6091i
77.3	0.4687+0.4188i	1.4531-17.0344i	-0.0730+2.1565i	0.1098+3.3253i	-3.3516+6.9265i	-0.8113-0.4519i	0.2587+2.6191i	-1.1465+5.8783i
77.4	0.4648+0.4011i	2.7785-14.7327i	0.0075+2.3253i	0.2199+3.4453i	-3.0325+7.6593i	-0.7684-0.3652i	0.3341+2.6596i	-0.8240+6.6344i
77.5	0.4004+0.4106i	7.1258-18.6340i	0.0774+2.2540i	0.2304+3.4966i	-2.5156+7.3690i	-0.6040-0.4502i	0.2838+2.7355i	-0.0512+6.4166i
77.6	0.4014+0.4014i	9.3221-22.0630i	0.3307+2.4461i	0.4952+3.6312i	-1.9668+8.2856i	-0.5877-0.3348i	0.4769+2.7790i	0.6952+7.2835i
77.7	0.4110+0.4004i	9.1520-18.1047i	0.2585+2.5457i	0.5638+3.6900i	-2.2614+8.5525i	-0.6930-0.3765i	0.5700+2.7938i	0.2711+7.4680i
77.8	0.4708+0.3801i	5.1208-18.4623i	0.3807+2.4636i	0.7850+3.8748i	-1.9355+8.0058i	-0.7076-0.6228i	0.7473+3.0221i	0.8318+6.7041i
77.9	0.4864+0.4028i	5.3760-21.4968i	0.5848+2.5516i	0.9920+4.0398i	-1.4276+8.2922i	-0.6891-0.6480i	0.8787+3.1482i	1.6697+7.0111i
78.0	0.4780+0.4479i	8.4902-23.4942i	0.7529+2.5844i	1.1684+4.1089i	-0.7412+8.4851i	-0.6190-0.6749i	0.9645+3.1968i	2.6150+7.1243i
78.1	0.4260+0.4004i	17.0192-22.1972i	0.7707+2.5443i	1.1894+3.9085i	-0.3840+8.4813i	-0.5494-0.6276i	0.9501+2.9758i	2.8208+7.2908i
78.2	0.4847+0.4149i	14.4317-24.8017i	1.0909+2.5165i	1.4621+4.0067i	0.5688+8.2252i	-0.5065-0.7344i	1.1073+3.1078i	4.0320+6.9254i
78.3	0.5351+0.4008i	10.4869-25.9891i	1.3557+2.4022i	1.7549+3.9113i	1.3403+7.9238i	-0.5101-0.7767i	1.2939+3.0658i	4.9093+6.3589i
78.4	0.5801+0.3561i	10.7773-24.0672i	1.3859+2.3867i	2.0545+3.9099i	1.0669+8.0235i	-0.7202-0.7912i	1.6002+3.0537i	4.6021+6.1264i
78.5	0.6320+0.3766i	8.5572-29.2607i	1.5802+2.3408i	2.3435+4.0016i	1.4541+7.6208i	-0.7903-0.9381i	1.8065+3.1955i	5.3785+5.4895i
78.6	0.6508+0.3483i	9.4324-32.6236i	1.7574+2.0634i	2.6433+3.8140i	2.0680+6.4379i	-0.8581-1.1076i	2.0275+3.1444i	6.1582+4.1265i
78.7	0.6896+0.2841i	9.2566-30.2943i	1.9237+1.8838i	2.8618+3.5001i	2.7501+6.2247i	-0.8795-1.0175i	2.1718+2.8823i	6.5413+3.6569i
78.8	0.6769+0.2506i	8.9367-32.5562i	2.0116+1.7248i	3.0285+3.3028i	3.0421+5.9616i	-0.8952-0.9543i	2.2965+2.7439i	6.7873+3.1988i
78.9	0.6892+0.1647i	5.5184-36.7695i	2.0793+1.4494i	3.1956+2.9456i	3.3393+5.0983i	-0.9786-0.9216i	2.4399+2.5056i	6.7674+2.1634i
79.0	0.6529+0.1054i	-1.3382-36.0365i	1.9871+1.1123i	3.0864+2.6413i	3.3108+3.8319i	-0.9308-0.9629i	2.3602+2.3383i	6.4665+1.0780i
79.1	0.5795+0.1443i	1.2243-25.8667i	1.6310+1.1950i	2.7227+2.8891i	1.8369+3.4439i	-0.9670-1.1340i	2.1359+2.5678i	5.4098+1.1329i
79.2	0.5787+0.1492i	7.1288-24.2019i	1.6352+1.3245i	2.9217+3.0970i	1.3690+3.5830i	-1.1379-1.2769i	2.3028+2.7672i	5.4075+1.1204i
79.3	0.5923+0.1604i	10.3461-27.4306i	1.6737+1.2478i	3.0730+3.0420i	1.3792+3.0665i	-1.2199-1.3679i	2.4330+2.7978i	5.5709+0.5118i
79.4	0.5692+0.2233i	15.4900-30.9476i	1.6080+1.2272i	3.0011+2.9670i	1.3613+2.7437i	-1.1578-1.4032i	2.3656+2.7818i	5.6956+0.2349i
79.5	0.5046+0.1295i	17.5019-29.9811i	1.5694+1.1741i	3.2628+2.8695i	0.4832+2.9243i	-1.4450-1.3049i	2.6891+2.6576i	4.8964+0.0745i
79.6	0.5224+0.1545i	13.7215-34.8734i	1.6542+1.1048i	3.4920+2.6446i	0.3218+2.8288i	-1.6114-1.2404i	2.9430+2.5007i	4.7580-0.4043i
79.7	0.5427+0.1954i	11.2040-38.0378i	1.7314+1.1192i	3.6298+2.6189i	0.2775+2.9128i	-1.6820-1.2356i	3.0821+2.5176i	4.8310-0.5197i
79.8	0.5324+0.1687i	10.2265-37.3939i	1.7003+1.0553i	3.7186+2.3734i	-0.1538+3.1641i	-1.8396-1.0469i	3.2144+2.2732i	4.1662-0.6564i
79.9	0.5487+0.1585i	7.5283-40.4652i	1.7378+1.0237i	3.9312+2.1560i	-0.5167+3.5573i	-2.0168-0.8723i	3.4495+2.0576i	3.7344-0.7687i
80.0	0.5047+0.1591i	11.0910-39.2386i	1.6971+1.0193i	3.9171+2.0282i	-0.7435+3.8785i	-2.0371-0.7413i	3.4391+1.9236i	3.3262-0.4109i

2.1.33 Run 3 – IP315-200 – Accels 17–24

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-0.8305+0.0000i	-5.9232+0.0000i	15.2519+0.0000i	10.2152+0.0000i	6.9060+0.0000i	8.0746+0.0000i	5.3895+0.0000i	11.7866+0.0000i
0.1	-0.9064+0.3778i	-5.9569+0.0621i	15.3082+0.0252i	10.1890+0.2374i	6.8021+0.3111i	7.8873+0.0251i	5.3160-0.0745i	11.7200+0.1448i
0.2	0.1984+1.2282i	0.4620+0.2707i	4.7655+3.2694i	1.1308+1.0299i	-0.6168+0.2194i	0.0420+0.9186i	-0.1088-0.2792i	0.2200-0.0519i
0.3	-0.0538+0.1594i	-0.0592+0.2124i	0.1698-1.5736i	0.1391-0.0337i	-0.0859+0.0353i	-0.0594-0.5180i	0.0112+0.0201i	0.0135-0.0018i
0.4	-0.0590+0.0706i	-0.0232+0.0161i	0.5760-0.0867i	0.0924+0.1972i	-0.0455+0.0373i	-0.0275-0.1433i	-0.0060+0.0124i	0.0061+0.0040i
0.5	-0.0319+0.0247i	0.0369-0.0033i	0.0276+0.0265i	0.0024-0.0021i	0.0180+0.0008i	0.0101+0.0249i	-0.0204+0.0043i	0.0372+0.0119i
0.6	-0.0289-0.0098i	0.0383+0.0057i	-0.0385-0.0034i	-0.0148-0.0137i	0.0389-0.0098i	0.0157+0.0006i	-0.0244-0.0061i	0.0433+0.0083i
0.7	-0.0385-0.0060i	0.0500+0.0087i	-0.0008+0.0002i	-0.0245-0.0068i	0.0476+0.0018i	0.0139+0.0055i	-0.0311-0.0070i	0.0519+0.0094i
0.8	-0.0500-0.0054i	0.0708+0.0048i	-0.0074+0.0010i	-0.0349-0.0042i	0.0603+0.0095i	0.0084+0.0063i	-0.0403-0.0094i	0.0670+0.0106i
0.9	-0.0652-0.0050i	0.0925+0.0012i	-0.0122+0.0060i	-0.0474-0.0031i	0.0883+0.0149i	0.0088+0.0041i	-0.0577-0.0112i	0.0912+0.0116i
1.0	-0.0732-0.0061i	0.1065+0.0027i	-0.0164+0.0091i	-0.0511-0.0024i	0.1035+0.0118i	0.0097+0.0038i	-0.0662-0.0113i	0.1056+0.0087i
1.1	-0.1026-0.0010i	0.1686-0.0040i	-0.0308+0.0151i	-0.0710-0.0013i	0.1590+0.0050i	0.0196+0.0073i	-0.0914-0.0035i	0.1651+0.0021i
1.2	-0.1175+0.0000i	0.2285-0.0062i	-0.0461+0.0150i	-0.0890-0.0054i	0.2797+0.0235i	0.0264+0.0006i	-0.1344-0.0150i	0.2558+0.0089i
1.3	-0.1172+0.0094i	0.2984-0.0229i	-0.0672+0.0260i	-0.0947+0.0026i	0.4507+0.0378i	0.0327+0.0004i	-0.1904-0.0215i	0.3736+0.0143i
1.4	-0.0311-0.0674i	0.4493-0.0528i	-0.1282+0.0431i	-0.0333-0.0564i	0.9688-0.2152i	0.0397-0.0008i	-0.3080+0.0194i	0.6983-0.1096i
1.5	-0.1275-0.3250i	0.5931-0.2592i	-0.1944+0.1501i	-0.1044-0.2511i	0.9603-1.2044i	0.0468-0.0081i	-0.3238+0.1927i	0.7879-0.6823i
1.6	-0.4312-0.2814i	0.6236-0.4047i	-0.2133+0.2611i	-0.3302-0.2314i	0.2460-1.2122i	0.0496-0.0091i	-0.2142+0.1663i	0.4731-0.7753i
1.7	-0.6312-0.1161i	0.6550-0.6641i	-0.1831+0.4731i	-0.4893-0.1370i	-0.0584-0.9882i	0.0589-0.0115i	-0.2209+0.0663i	0.3445-0.8200i
1.8	-0.7732+0.0443i	0.5802-1.1613i	-0.0171+0.8542i	-0.6300-0.0629i	-0.1688-1.0636i	0.0698-0.0191i	-0.3363-0.0054i	0.2501-1.1330i
1.9	-0.8922+0.1821i	0.0064-1.5092i	0.5822+1.1342i	-0.8156+0.0071i	-0.5418-1.0232i	0.0762-0.0257i	-0.5601-0.0801i	-0.2471-1.3182i
2.0	-1.0839+0.2237i	-0.6034-1.4041i	1.3180+1.0667i	-1.0916+0.0451i	-0.8155-0.7758i	0.0915-0.0232i	-0.9250-0.1123i	-0.7348-1.1573i
2.1	-1.7767+0.2564i	-0.8772-0.9645i	2.2054+0.6555i	-1.8222+0.1336i	-0.8081-0.4539i	0.1468-0.0222i	-1.7393-0.0063i	-0.9337-0.7610i
2.2	-3.0267+0.4207i	-0.9542-0.6980i	3.3603+0.2532i	-3.0682+0.3416i	-0.7365-0.3103i	0.2430-0.0338i	-3.0130+0.2344i	-1.0123-0.5335i
2.3	-2.6761+2.0233i	-1.0192-0.4879i	3.1257-1.2889i	-2.7240+1.9422i	-0.7102-0.2413i	0.2217-0.1494i	-2.7057+1.8356i	-1.0244-0.3014i
2.4	2.6326+0.9993i	-0.6748-0.3230i	-1.6395-0.4739i	2.5286+0.9136i	-0.6269-0.1121i	-0.1635-0.0741i	2.4938+0.8049i	-0.5273-0.1957i
2.5	2.0523+0.4828i	-0.6467-0.2699i	-1.1506-0.0989i	1.9536+0.4174i	-0.5701-0.0787i	-0.1158-0.0359i	1.9144+0.3291i	-0.5147-0.1764i
2.6	1.4659+0.3002i	-0.6129-0.2240i	-0.6718-0.0021i	1.3768+0.2498i	-0.5198-0.0640i	-0.0678-0.0223i	1.3425+0.1804i	-0.5025-0.1513i
2.7	1.1950+0.2212i	-0.5807-0.1890i	-0.4633+0.0247i	1.1121+0.1797i	-0.4854-0.0516i	-0.0442-0.0158i	1.0818+0.1212i	-0.4818-0.1285i
2.8	1.0432+0.1648i	-0.5621-0.1652i	-0.3415+0.0459i	0.9631+0.1290i	-0.4618-0.0417i	-0.0294-0.0118i	0.9324+0.0769i	-0.4693-0.1123i
2.9	0.9218+0.1432i	-0.5480-0.1433i	-0.2375+0.0403i	0.8421+0.1110i	-0.4382-0.0359i	-0.0156-0.0110i	0.8081+0.0665i	-0.4574-0.0991i
3.0	0.8307+0.1191i	-0.5212-0.1285i	-0.1791+0.0460i	0.7550+0.0912i	-0.4201-0.0280i	-0.0034-0.0085i	0.7250+0.0492i	-0.4377-0.0877i
3.1	0.7720+0.1079i	-0.5011-0.1132i	-0.1400+0.0396i	0.6992+0.0829i	-0.4042-0.0244i	0.0064-0.0077i	0.6707+0.0454i	-0.4217-0.0771i
3.2	0.7164+0.0970i	-0.4818-0.1067i	-0.0969+0.0375i	0.6444+0.0745i	-0.3870-0.0240i	0.0165-0.0075i	0.6163+0.0392i	-0.4053-0.0735i
3.3	0.6932+0.0914i	-0.4801-0.1068i	-0.0704+0.0449i	0.6203+0.0690i	-0.3781-0.0226i	0.0218-0.0063i	0.5891+0.0325i	-0.4019-0.0729i
3.4	0.6678+0.0820i	-0.4770-0.0962i	-0.0381+0.0385i	0.5939+0.0620i	-0.3686-0.0214i	0.0289-0.0059i	0.5596+0.0300i	-0.3974-0.0668i
3.5	0.6422+0.0735i	-0.4667-0.0852i	-0.0151+0.0330i	0.5681+0.0555i	-0.3605-0.0201i	0.0380-0.0047i	0.5338+0.0272i	-0.3890-0.0594i
3.6	0.6215+0.0683i	-0.4577-0.0779i	0.0012+0.0279i	0.5471+0.0520i	-0.3536-0.0197i	0.0461-0.0040i	0.5136+0.0265i	-0.3815-0.0550i
3.7	0.6050+0.0637i	-0.4532-0.0704i	0.0242+0.0229i	0.5285+0.0492i	-0.3470-0.0192i	0.0543-0.0038i	0.4940+0.0263i	-0.3767-0.0508i
3.8	0.5907+0.0626i	-0.4444-0.0703i	0.0369+0.0243i	0.5145+0.0481i	-0.3410-0.0191i	0.0625-0.0041i	0.4803+0.0252i	-0.3695-0.0508i
3.9	0.5773+0.0601i	-0.4361-0.0710i	0.0508+0.0297i	0.5005+0.0451i	-0.3360-0.0202i	0.0717-0.0041i	0.4670+0.0225i	-0.3627-0.0519i
4.0	0.5673+0.0568i	-0.4337-0.0652i	0.0710+0.0263i	0.4892+0.0429i	-0.3350-0.0191i	0.0798-0.0040i	0.4563+0.0220i	-0.3612-0.0486i
4.1	0.5632+0.0542i	-0.4378-0.0585i	0.0960+0.0201i	0.4819+0.0416i	-0.3308-0.0188i	0.0873-0.0033i	0.4450+0.0233i	-0.3623-0.0442i
4.2	0.5562+0.0509i	-0.4292-0.0526i	0.1081+0.0129i	0.4731+0.0393i	-0.3261-0.0197i	0.0978-0.0026i	0.4369+0.0242i	-0.3555-0.0409i
4.3	0.5506+0.0519i	-0.4246-0.0519i	0.1219+0.0093i	0.4653+0.0413i	-0.3226-0.0219i	0.1093-0.0036i	0.4288+0.0277i	-0.3509-0.0416i
4.4	0.5473+0.0545i	-0.4250-0.0528i	0.1334+0.0123i	0.4591+0.0449i	-0.3213-0.0233i	0.1194-0.0048i	0.4216+0.0311i	-0.3503-0.0430i
4.5	0.5468+0.0490i	-0.4239-0.0454i	0.1424+0.0160i	0.4565+0.0402i	-0.3216-0.0212i	0.1294-0.0037i	0.4189+0.0288i	-0.3497-0.0375i
4.6	0.5431+0.0466i	-0.4153-0.0427i	0.1471+0.0333i	0.4521+0.0382i	-0.3186-0.0202i	0.1396-0.0033i	0.4158+0.0272i	-0.3435-0.0349i
4.7	0.5424+0.0455i	-0.4117-0.0422i	0.1698+0.0674i	0.4498+0.0373i	-0.3143-0.0220i	0.1501-0.0018i	0.4126+0.0268i	-0.3388-0.0345i
4.8	0.5362+0.0474i	-0.4051-0.0435i	0.2434+0.0767i	0.4400+0.0394i	-0.3101-0.0225i	0.1670-0.0049i	0.4043+0.0299i	-0.3326-0.0360i
4.9	0.5355+0.0488i	-0.4019-0.0452i	0.3031+0.0470i	0.4375+0.0397i	-0.3099-0.0241i	0.1804-0.0064i	0.4012+0.0312i	-0.3302-0.0384i
5.0	0.5388+0.0510i	-0.3985-0.0478i	0.3362+0.0091i	0.4342+0.0409i	-0.3059-0.0298i	0.1984-0.0094i	0.3968+0.0347i	-0.3256-0.0420i
5.1	0.5399+0.0537i	-0.3962-0.0496i	0.3526-0.0039i	0.4308+0.0430i	-0.3064-0.0322i	0.2105-0.0109i	0.3941+0.0382i	-0.3238-0.0449i
5.2	0.5441+0.0573i	-0.3982-0.0569i	0.3897-0.0137i	0.4273+0.0449i	-0.3071-0.0385i	0.2302-0.0143i	0.3918+0.0406i	-0.3251-0.0525i
5.3	0.5484+0.0617i	-0.3981-0.0622i	0.4096-0.0223i	0.4251+0.0501i	-0.3077-0.0434i	0.2450-0.0170i	0.3915+0.0447i	-0.3233-0.0568i
5.4	0.5543+0.0702i	-0.4028-0.0675i	0.4418-0.0322i	0.4225+0.0608i	-0.3127-0.0481i	0.2637-0.0228i	0.3896+0.0541i	-0.3276-0.0623i
5.5	0.5669+0.0767i	-0.4121-0.0680i	0.4698-0.0504i	0.4281+0.0697i	-0.3199-0.0515i	0.2786-0.0309i	0.3924+0.0629i	-0.3363-0.0651i
5.6	0.5793+0.0821i	-0.4157-0.0676i	0.4980-0.0697i	0.4339+0.0780i	-0.3217-0.0514i	0.2946-0.0347i	0.3971+0.0692i	-0.3380-0.0654i

5.7	0.5969+0.0829i	-0.4307-0.0675i	0.5784-0.0853i	0.4383+0.0808i	-0.3323-0.0548i	0.3219-0.0365i	0.3983+0.0731i	-0.3519-0.0664i
5.8	0.6096+0.0882i	-0.4375-0.0678i	0.6174-0.1192i	0.4424+0.0906i	-0.3366-0.0564i	0.3403-0.0483i	0.4015+0.0835i	-0.3575-0.0672i
5.9	0.6362+0.0957i	-0.4449-0.0650i	0.6334-0.1585i	0.4622+0.1024i	-0.3434-0.0550i	0.3489-0.0632i	0.4191+0.0962i	-0.3639-0.0648i
6.0	0.6698+0.0933i	-0.4499-0.0546i	0.6436-0.1895i	0.4882+0.1036i	-0.3505-0.0493i	0.3584-0.0657i	0.4441+0.1001i	-0.3674-0.0553i
6.1	0.7032+0.0817i	-0.4546-0.0443i	0.7012-0.2110i	0.5130+0.0947i	-0.3557-0.0418i	0.3786-0.0627i	0.4651+0.0928i	-0.3690-0.0461i
6.2	0.7284+0.0734i	-0.4567-0.0391i	0.7593-0.2017i	0.5255+0.0874i	-0.3582-0.0380i	0.3975-0.0562i	0.4766+0.0845i	-0.3696-0.0421i
6.3	0.7524+0.0648i	-0.4582-0.0339i	0.8258-0.2071i	0.5327+0.0800i	-0.3591-0.0336i	0.4259-0.0505i	0.4826+0.0778i	-0.3686-0.0365i
6.4	0.7896+0.0559i	-0.4636-0.0345i	0.9473-0.2347i	0.5474+0.0775i	-0.3610-0.0339i	0.4669-0.0479i	0.4920+0.0750i	-0.3713-0.0373i
6.5	0.8252+0.0526i	-0.4688-0.0318i	1.0389-0.2577i	0.5622+0.0806i	-0.3643-0.0340i	0.4971-0.0457i	0.5026+0.0801i	-0.3722-0.0369i
6.6	0.8904+0.0284i	-0.4793-0.0245i	1.2097-0.3489i	0.5897+0.0732i	-0.3715-0.0318i	0.5485-0.0525i	0.5262+0.0759i	-0.3766-0.0332i
6.7	0.9616+0.0017i	-0.4861-0.0179i	1.3971-0.4779i	0.6243+0.0667i	-0.3744-0.0279i	0.5996-0.0638i	0.5559+0.0723i	-0.3782-0.0279i
6.8	1.0707-0.0498i	-0.4921-0.0097i	1.6680-0.6563i	0.6752+0.0470i	-0.3762-0.0245i	0.6556-0.0745i	0.5969+0.0592i	-0.3750-0.0251i
6.9	1.1903-0.1865i	-0.5031+0.0082i	1.9603-1.0655i	0.7318-0.0051i	-0.3806-0.0168i	0.7125-0.0988i	0.6415+0.0207i	-0.3751-0.0197i
7.0	1.3125-0.4243i	-0.5145+0.0345i	2.2225-1.7460i	0.7950-0.1039i	-0.3877-0.0073i	0.7643-0.1179i	0.6955-0.0547i	-0.3777-0.0150i
7.1	1.1201-0.8789i	-0.4919+0.0841i	1.5655-2.9253i	0.7369-0.3164i	-0.3841+0.0109i	0.8108-0.1478i	0.6604-0.2213i	-0.3755-0.0041i
7.2	0.6037-0.9789i	-0.4278+0.0960i	0.1644-3.0478i	0.5137-0.3900i	-0.3602+0.0191i	0.8802-0.1586i	0.4923-0.2878i	-0.3555+0.0000i
7.3	0.3435-0.7920i	-0.3960+0.0709i	-0.3970-2.4892i	0.3771-0.3222i	-0.3456+0.0088i	0.9851-0.1930i	0.3819-0.2421i	-0.3450-0.0097i
7.4	0.2195-0.5634i	-0.3865+0.0397i	-0.7367-1.9339i	0.3140-0.2116i	-0.3440-0.0044i	1.0064-0.2637i	0.3292-0.1561i	-0.3478-0.0210i
7.5	0.2372-0.2786i	-0.3954+0.0116i	-0.6616-1.2143i	0.3140-0.0772i	-0.3492-0.0136i	1.0579-0.2868i	0.3257-0.0478i	-0.3567-0.0224i
7.6	0.3874-0.1609i	-0.4112+0.0024i	-0.1981-0.9804i	0.3753-0.0154i	-0.3550-0.0148i	1.1746-0.3219i	0.3732+0.0039i	-0.3569-0.0201i
7.7	0.4982-0.1452i	-0.4221-0.0007i	0.1142-0.9871i	0.4203-0.0037i	-0.3592-0.0135i	1.2884-0.3800i	0.4076+0.0112i	-0.3584-0.0188i
7.8	0.5847-0.1673i	-0.4324-0.0013i	0.3623-1.1556i	0.4621-0.0019i	-0.3623-0.0142i	1.4106-0.5018i	0.4407+0.0143i	-0.3610-0.0184i
7.9	0.5992-0.1746i	-0.4367-0.0003i	0.3626-1.2409i	0.4715+0.0026i	-0.3638-0.0147i	1.4575-0.5840i	0.4466+0.0210i	-0.3622-0.0187i
8.0	0.6459-0.1664i	-0.4382-0.0011i	0.4123-1.2667i	0.4981+0.0092i	-0.3641-0.0175i	1.5360-0.6705i	0.4710+0.0274i	-0.3599-0.0194i
8.1	0.7076-0.1624i	-0.4387-0.0012i	0.5178-1.3835i	0.5355+0.0211i	-0.3644-0.0188i	1.6297-0.7765i	0.5057+0.0402i	-0.3564-0.0176i
8.2	0.7694-0.1546i	-0.4444-0.0008i	0.6414-1.4079i	0.5720+0.0310i	-0.3680-0.0206i	1.7354-0.8437i	0.5386+0.0472i	-0.3566-0.0176i
8.3	0.8707-0.1578i	-0.4508-0.0044i	0.8675-1.4409i	0.6269+0.0320i	-0.3685-0.0226i	1.9488-0.9460i	0.5851+0.0472i	-0.3526-0.0192i
8.4	0.9538-0.1953i	-0.4524-0.0015i	1.0370-1.6093i	0.6724+0.0194i	-0.3670-0.0224i	2.1237-1.1046i	0.6252+0.0359i	-0.3465-0.0196i
8.5	1.0703-0.2529i	-0.4534-0.0013i	1.3236-1.8163i	0.7333-0.0043i	-0.3670-0.0266i	2.4032-1.3120i	0.6783+0.0166i	-0.3411-0.0217i
8.6	1.1706-0.3831i	-0.4558-0.0045i	1.5790-2.2858i	0.7887-0.0618i	-0.3676-0.0317i	2.6456-1.7195i	0.7247-0.0336i	-0.3352-0.0319i
8.7	1.2729-0.5164i	-0.4558-0.0097i	1.7743-2.7677i	0.8449-0.1248i	-0.3644-0.0443i	2.9047-2.1364i	0.7731-0.0883i	-0.3274-0.0436i
8.8	1.4025-0.6780i	-0.4554-0.0130i	2.1148-3.4018i	0.9084-0.1951i	-0.3580-0.0510i	3.2730-2.7044i	0.8287-0.1472i	-0.3174-0.0526i
8.9	1.5109-0.9845i	-0.4568-0.0222i	2.3861-4.5518i	0.9691-0.3262i	-0.3491-0.0693i	3.5482-3.7403i	0.8794-0.2578i	-0.3026-0.0765i
9.0	1.4167-1.3483i	-0.4608-0.0346i	1.8669-5.7983i	0.9447-0.4930i	-0.3620-0.1004i	3.1491-4.8768i	0.8578-0.3991i	-0.3087-0.1127i
9.1	1.1298-1.5834i	-0.4730-0.0492i	0.7385-6.6293i	0.8203-0.6064i	-0.3929-0.1172i	2.2509-5.6323i	0.7535-0.4932i	-0.3394-0.1376i
9.2	1.1011-2.1008i	-0.5073-0.0717i	0.3828-8.8271i	0.8219-0.8257i	-0.4227-0.1443i	2.0556-7.4893i	0.7582-0.6749i	-0.3679-0.1768i
9.3	0.3232-2.5255i	-0.5457-0.0674i	-3.1465-10.3057i	0.5146-1.0280i	-0.4707-0.1467i	-0.7722-8.8486i	0.5049-0.8490i	-0.4268-0.1926i
9.4	-0.6448-2.2102i	-0.5728-0.0333i	-7.1284-8.7589i	0.1012-0.9286i	-0.5140-0.1095i	-4.0830-7.6009i	0.1578-0.7732i	-0.4890-0.1545i
9.5	-0.9621-1.5854i	-0.5784-0.0106i	-8.3827-6.0929i	-0.0485-0.6828i	-0.5211-0.0771i	-5.1119-5.3746i	0.0287-0.5707i	-0.5010-0.1134i
9.6	-0.9214-1.1120i	-0.5783+0.0131i	-8.2195-4.0840i	-0.0532-0.4865i	-0.5197-0.0502i	-4.8754-3.7451i	0.0197-0.4066i	-0.4970-0.0749i
9.7	-0.8352-0.7803i	-0.5695+0.0247i	-8.0079-2.5648i	-0.0363-0.3404i	-0.5099-0.0348i	-4.5061-2.6579i	0.0293-0.2826i	-0.4827-0.0544i
9.8	-0.6644-0.5912i	-0.5573+0.0209i	-7.4874-1.5218i	0.0285-0.2470i	-0.4873-0.0378i	-3.9233-2.0620i	0.0802-0.2012i	-0.4567-0.0574i
9.9	-0.5774-0.4873i	-0.5610+0.0234i	-7.2097-0.7575i	0.0635-0.1896i	-0.4805-0.0369i	-3.6250-1.7641i	0.1048-0.1484i	-0.4528-0.0561i
10.0	-0.4789-0.3912i	-0.5595+0.0275i	-6.6686+0.1444i	0.1116-0.1301i	-0.4668-0.0415i	-3.3319-1.5218i	0.1423-0.0935i	-0.4410-0.0586i
10.1	-0.4064-0.3245i	-0.5421+0.0243i	-5.7685+0.6706i	0.1610-0.0925i	-0.4466-0.0636i	-3.1662-1.3606i	0.1843-0.0539i	-0.4166-0.0735i
10.2	-0.3509-0.2889i	-0.5409+0.0101i	-5.0972+0.6377i	0.2012-0.0841i	-0.4552-0.0947i	-3.0714-1.2438i	0.2230-0.0425i	-0.4211-0.0956i
10.3	-0.3015-0.2463i	-0.5423-0.0188i	-4.9197+0.3822i	0.2295-0.0731i	-0.4671-0.1237i	-2.9970-1.0913i	0.2512-0.0309i	-0.4233-0.1232i
10.4	-0.2596-0.1956i	-0.5473-0.0456i	-4.9715+0.3291i	0.2479-0.0572i	-0.4790-0.1460i	-2.8879-0.8983i	0.2696-0.0155i	-0.4272-0.1479i
10.5	-0.2080-0.1614i	-0.5727-0.0696i	-4.9456+0.3333i	0.2744-0.0461i	-0.5025-0.1730i	-2.7898-0.7529i	0.2919-0.0051i	-0.4462-0.1774i
10.6	-0.1521-0.1296i	-0.6123-0.0864i	-4.9780+0.3555i	0.3038-0.0340i	-0.5429-0.1911i	-2.6572-0.6042i	0.3210+0.0039i	-0.4797-0.1985i
10.7	-0.1037-0.1010i	-0.6462-0.0935i	-5.0452+0.4038i	0.3262-0.0241i	-0.5736-0.2095i	-2.5248-0.4741i	0.3410+0.0145i	-0.5070-0.2148i
10.8	-0.0530-0.0858i	-0.6786-0.0991i	-5.1166+0.5174i	0.3509-0.0164i	-0.6053-0.2206i	-2.3822-0.4144i	0.3633+0.0230i	-0.5371-0.2252i
10.9	-0.0065-0.0814i	-0.7134-0.0996i	-5.2301+0.5845i	0.3745-0.0134i	-0.6412-0.2257i	-2.2598-0.3936i	0.3847+0.0248i	-0.5693-0.2305i
11.0	0.0422-0.0831i	-0.7504-0.0923i	-5.3244+0.5385i	0.4048-0.0168i	-0.6777-0.2283i	-2.1621-0.3651i	0.4096+0.0237i	-0.6000-0.2322i
11.1	0.0789-0.0812i	-0.7813-0.0837i	-5.5045+0.4567i	0.4309-0.0206i	-0.7046-0.2215i	-2.1013-0.3259i	0.4322+0.0217i	-0.6208-0.2264i
11.2	0.1090-0.0850i	-0.8101-0.0747i	-5.6652+0.5337i	0.4514-0.0221i	-0.7332-0.2183i	-2.0513-0.3342i	0.4489+0.0222i	-0.6414-0.2206i
11.3	0.1527-0.0895i	-0.8407-0.0696i	-6.1420+0.6593i	0.4710-0.0237i	-0.7544-0.2288i	-1.9484-0.3288i	0.4618+0.0237i	-0.6554-0.2281i
11.4	0.1921-0.0922i	-0.8756-0.0683i	-6.5316+0.7293i	0.4964-0.0254i	-0.7820-0.2411i	-1.8834-0.3227i	0.4806+0.0260i	-0.6776-0.2380i
11.5	0.2283-0.1003i	-0.9144-0.0641i	-7.0027+0.7748i	0.5198-0.0305i	-0.8136-0.2513i	-1.8281-0.3296i	0.4975+0.0245i	-0.6995-0.2456i
11.6	0.2606-0.1095i	-0.9483-0.0579i	-7.6712+0.8314i	0.5403-0.0339i	-0.8376-0.2659i	-1.7677-0.3291i	0.5097+0.0264i	-0.7138-0.2574i
11.7	0.2942-0.1225i	-0.9843-0.0564i	-8.1721+0.9689i	0.5689-0.0389i	-0.8784-0.2871i	-1.7397-0.3549i	0.5301+0.0315i	-0.7422-0.2748i
11.8	0.3292-0.1357i	-1.0190-0.0589i	-9.0796+1.1609i	0.5923-0.0436i	-0.9035-0.3135i	-1.7012-0.3889i	0.5413+0.0396i	-0.7512-0.2969i
11.9	0.3667-0.1680i	-1.0678-0.0575i	-9.9755+1.4751i	0.6246-0.0641i	-0.9496-0.3504i	-1.6886-0.4241i	0.5620+0.0410i	-0.7811-0.3314i

12.0	0.4068-0.1939i	-1.1291-0.0570i	-11.1215+1.8890i	0.6566-0.0804i	-1.0058-0.3905i	-1.6656-0.4448i	0.5826+0.0474i	-0.8220-0.3686i
12.1	0.4488-0.2231i	-1.1891-0.0637i	-12.4611+2.5973i	0.6863-0.0917i	-1.0583-0.4473i	-1.6360-0.5059i	0.5996+0.0651i	-0.8577-0.4211i
12.2	0.5016-0.2708i	-1.2639-0.0723i	-13.7675+3.0635i	0.7363-0.1263i	-1.1297-0.5207i	-1.6701-0.5381i	0.6350+0.0740i	-0.9055-0.4935i
12.3	0.5584-0.3290i	-1.3521-0.1079i	-15.8513+3.6356i	0.7790-0.1684i	-1.2060-0.6355i	-1.6759-0.5771i	0.6613+0.0939i	-0.9499-0.5969i
12.4	0.5760-0.4240i	-1.4735-0.1236i	-18.3221+5.6016i	0.7834-0.2217i	-1.3551-0.7675i	-1.6849-0.6570i	0.6838+0.1247i	-1.0553-0.7276i
12.5	0.5645-0.5197i	-1.6415-0.1137i	-20.0776+8.7921i	0.7867-0.2662i	-1.6044-0.8780i	-1.7428-0.7289i	0.7437+0.1631i	-1.2596-0.8459i
12.6	0.5516-0.6583i	-1.8918-0.1585i	-23.3607+12.0184i	0.7888-0.3367i	-1.9547-1.1177i	-1.7900-0.8041i	0.8198+0.2326i	-1.5398-1.0826i
12.7	0.4908-0.7521i	-2.1196-0.1462i	-25.1000+14.9596i	0.7673-0.3827i	-2.3274-1.2374i	-1.8464-0.8375i	0.9025+0.2710i	-1.8522-1.2122i
12.8	0.3445-0.8597i	-2.6119+0.0070i	-27.7043+22.0557i	0.7045-0.4134i	-3.1625-1.2319i	-1.9527-0.9725i	1.0976+0.3131i	-2.5778-1.2579i
12.9	0.2251-0.8729i	-2.9489+0.2635i	-28.4524+27.3830i	0.6589-0.4094i	-3.7960-0.9380i	-2.0652-1.0296i	1.2510+0.2748i	-3.1338-1.0432i
13.0	0.0564-0.8387i	-3.5424+0.7993i	-32.1020+36.9775i	0.5982-0.3641i	-4.8251-0.2629i	-2.1734-1.1469i	1.4932+0.1780i	-4.0324-0.5109i
13.1	-0.0333-0.7875i	-3.8911+1.3249i	-35.0042+47.3668i	0.5587-0.2847i	-5.3964+0.4050i	-2.1946-1.3402i	1.6144+0.1049i	-4.5439+0.0340i
13.2	-0.1415-0.6795i	-4.3349+2.3753i	-36.3730+66.7889i	0.5490-0.1594i	-6.1488+1.7818i	-2.4186-1.6534i	1.8041-0.0680i	-5.2362+1.1640i
13.3	-0.2264-0.5742i	-4.5787+3.7747i	-32.1959+95.3540i	0.6083+0.0284i	-6.6559+3.5319i	-2.8769-2.2425i	1.9968-0.2415i	-5.7346+2.6115i
13.4	-0.2228-0.3068i	-3.4491+5.7215i	4.5271+130.3253i	0.9008+0.2955i	-5.5441+6.0727i	-4.1743-2.5445i	2.1188-0.5133i	-4.9047+4.8359i
13.5	-0.0001-0.0674i	-1.5153+6.6640i	59.9471+139.4391i	1.4265+0.3714i	-3.3780+7.4352i	-5.6182-2.0817i	2.2474-0.7249i	-3.0840+6.1118i
13.6	0.4255-0.0131i	1.0936+6.6186i	127.8839+111.2760i	2.1157+0.0082i	-0.3901+7.7674i	-7.0089-0.4706i	2.3840-1.2019i	-0.4796+6.4890i
13.7	0.8816-0.2446i	2.8815+5.3422i	173.7653+53.6803i	2.7125-0.7045i	1.6762+6.6776i	-7.8590+1.5401i	2.5831-1.7560i	1.4043+5.5573i
13.8	1.1107-0.6004i	3.4219+4.0371i	184.6185+3.1809i	2.9392-1.4044i	2.3718+5.4309i	-7.9228+3.0365i	2.6512-2.2402i	2.0768+4.4260i
13.9	1.1497-1.1678i	3.5192+2.7766i	176.1304-57.6753i	2.8459-2.4384i	2.6390+4.2778i	-7.4187+5.0987i	2.4876-3.0524i	2.3235+3.3191i
14.0	0.7366-1.7113i	3.1681+1.7453i	129.3402-106.9143i	1.9338-3.3658i	2.5792+3.3102i	-5.2943+6.7772i	1.5904-3.7794i	2.1795+2.3834i
14.1	0.1687-2.0082i	2.7399+1.1042i	80.0473-132.0969i	0.8597-3.8391i	2.4525+2.6944i	-3.1766+7.5258i	0.5714-4.1286i	1.9392+1.8002i
14.2	-0.4403-1.9278i	2.3439+0.7392i	28.7850-130.8438i	-0.3017-3.6771i	2.3880+2.2422i	-0.9511+7.2383i	-0.5282-3.9126i	1.7467+1.4413i
14.3	-0.8807-1.5325i	2.0413+0.5478i	-9.8278-106.7538i	-1.1583-2.9716i	2.3177+1.8291i	0.7937+5.9960i	-1.3471-3.1810i	1.6004+1.1962i
14.4	-1.0337-1.1205i	1.8206+0.4067i	-28.1402-80.2498i	-1.4950-2.2223i	2.1861+1.4595i	1.6171+4.6219i	-1.6717-2.4113i	1.4642+0.9863i
14.5	-1.0470-0.7323i	1.6056+0.3007i	-35.3366-52.6509i	-1.5588-1.4798i	1.9849+1.1274i	1.8672+3.1607i	-1.7257-1.6490i	1.3095+0.7959i
14.6	-1.0037-0.5838i	1.4793+0.2413i	-35.7025-42.5629i	-1.4939-1.2060i	1.8397+0.9956i	1.7554+2.6455i	-1.6475-1.3667i	1.2063+0.7102i
14.7	-0.9035-0.4224i	1.3553+0.1580i	-34.1181-31.2227i	-1.3629-0.9098i	1.6903+0.8623i	1.6824+2.1232i	-1.5165-1.0646i	1.0971+0.6202i
14.8	-0.8047-0.3213i	1.2071+0.0800i	-31.0054-21.6073i	-1.2188-0.6880i	1.5606+0.7716i	1.5667+1.5349i	-1.3745-0.8297i	1.0021+0.5626i
14.9	-0.7227-0.2690i	1.0510+0.0645i	-24.6693-15.6324i	-1.0529-0.5580i	1.4553+0.6947i	1.1314+1.1107i	-1.1981-0.6788i	0.9329+0.5125i
15.0	-0.6893-0.2204i	0.9564+0.0683i	-22.0688-13.0972i	-0.9836-0.4767i	1.3809+0.6319i	0.9041+0.9587i	-1.1170-0.5895i	0.8830+0.4682i
15.1	-0.6546-0.1571i	0.8793+0.0893i	-20.1930-11.3349i	-0.9143-0.3903i	1.2965+0.5872i	0.7257+0.8935i	-1.0358-0.5055i	0.8202+0.4327i
15.2	-0.5832-0.1215i	0.8217+0.0967i	-16.9507-9.7076i	-0.7955-0.3258i	1.2134+0.5175i	0.5087+0.8140i	-0.9141-0.4306i	0.7596+0.3801i
15.3	-0.5359-0.0970i	0.7895+0.0943i	-15.6605-8.3327i	-0.7305-0.2810i	1.1576+0.4741i	0.4225+0.7470i	-0.8471-0.3809i	0.7189+0.3482i
15.4	-0.4869-0.0738i	0.7574+0.0858i	-14.5841-7.1334i	-0.6676-0.2380i	1.1068+0.4246i	0.3485+0.6786i	-0.7841-0.3316i	0.6812+0.3104i
15.5	-0.4445-0.0570i	0.7305+0.0755i	-13.5803-6.2199i	-0.6113-0.2045i	1.0650+0.3846i	0.2694+0.6157i	-0.7297-0.2927i	0.6492+0.2801i
15.6	-0.4155-0.0561i	0.7074+0.0646i	-12.9902-5.6964i	-0.5666-0.1896i	1.0169+0.3535i	0.1839+0.5814i	-0.6836-0.2715i	0.6118+0.2571i
15.7	-0.3955-0.0530i	0.6923+0.0542i	-12.5734-5.2270i	-0.5361-0.1781i	0.9808+0.3328i	0.1218+0.5759i	-0.6506-0.2556i	0.5834+0.2422i
15.8	-0.3563-0.0388i	0.6666+0.0348i	-11.3048-4.0677i	-0.4812-0.1469i	0.9269+0.2892i	0.0308+0.5396i	-0.5907-0.2171i	0.5435+0.2116i
15.9	-0.3309-0.0257i	0.6499+0.0113i	-10.5302-3.4981i	-0.4404-0.1263i	0.8840+0.2594i	-0.0390+0.5507i	-0.5473-0.1931i	0.5116+0.1896i
16.0	-0.3125-0.0213i	0.6408-0.0051i	-10.2524-3.1807i	-0.4152-0.1182i	0.8534+0.2473i	-0.0651+0.5674i	-0.5202-0.1838i	0.4866+0.1818i
16.1	-0.2854-0.0155i	0.6285-0.0375i	-9.7793-2.5663i	-0.3775-0.1053i	0.8118+0.2236i	-0.0871+0.5753i	-0.4829-0.1650i	0.4555+0.1674i
16.2	-0.2577-0.0070i	0.6150-0.0770i	-9.5493-1.7821i	-0.3461-0.0893i	0.7880+0.2033i	-0.0928+0.5804i	-0.4531-0.1433i	0.4376+0.1565i
16.3	-0.2273-0.0168i	0.5933-0.1271i	-8.9881-1.2172i	-0.3105-0.0906i	0.7571+0.1817i	-0.1048+0.5933i	-0.4142-0.1368i	0.4166+0.1405i
16.4	-0.2012-0.0234i	0.5685-0.1766i	-8.4120-0.5797i	-0.2830-0.0881i	0.7399+0.1595i	-0.1055+0.6024i	-0.3847-0.1303i	0.4077+0.1240i
16.5	-0.1929-0.0348i	0.5021-0.2230i	-7.4877-0.1956i	-0.2641-0.0926i	0.7111+0.1438i	-0.0964+0.6243i	-0.3607-0.1339i	0.3865+0.1096i
16.6	-0.1853-0.0428i	0.4135-0.2564i	-6.5510+0.1770i	-0.2492-0.0918i	0.6760+0.1244i	-0.0217+0.6134i	-0.3437-0.1321i	0.3572+0.0918i
16.7	-0.1789-0.0475i	0.3385-0.2445i	-5.8191+0.2430i	-0.2352-0.0883i	0.6493+0.1098i	0.0129+0.5255i	-0.3299-0.1236i	0.3347+0.0837i
16.8	-0.1748-0.0477i	0.2832-0.2057i	-5.1284+0.0453i	-0.2185-0.0862i	0.6291+0.1020i	-0.0283+0.4478i	-0.3132-0.1168i	0.3200+0.0798i
16.9	-0.1700-0.0432i	0.2926-0.1777i	-5.1578-0.1939i	-0.2109-0.0895i	0.6231+0.0930i	-0.0960+0.4811i	-0.3016-0.1164i	0.3150+0.0745i
17.0	-0.1659-0.0454i	0.2726-0.1812i	-4.8875-0.2116i	-0.2064-0.0914i	0.6004+0.0689i	-0.0876+0.5310i	-0.2881-0.1147i	0.2982+0.0589i
17.1	-0.1570-0.0456i	0.2272-0.1574i	-4.4815-0.3812i	-0.1990-0.0850i	0.5665+0.0497i	-0.0107+0.4996i	-0.2766-0.1112i	0.2735+0.0464i
17.2	-0.1478-0.0468i	0.2073-0.1103i	-4.0427-0.4932i	-0.1853-0.0757i	0.5427+0.0440i	0.0014+0.3704i	-0.2641-0.1001i	0.2555+0.0406i
17.3	-0.1454-0.0456i	0.2339-0.1077i	-4.0026-0.5472i	-0.1759-0.0681i	0.5302+0.0270i	-0.0831+0.3419i	-0.2510-0.0918i	0.2439+0.0310i
17.4	-0.1423-0.0448i	0.2407-0.1270i	-3.9802-0.6290i	-0.1634-0.0608i	0.5063+0.0124i	-0.1311+0.3488i	-0.2373-0.0889i	0.2266+0.0214i
17.5	-0.1352-0.0399i	0.2367-0.1442i	-3.9908-0.5003i	-0.1525-0.0558i	0.4862-0.0035i	-0.1523+0.3772i	-0.2286-0.0842i	0.2127+0.0129i
17.6	-0.1309-0.0411i	0.2320-0.1661i	-4.1203-0.2613i	-0.1456-0.0550i	0.4679-0.0206i	-0.1494+0.3952i	-0.2256-0.0793i	0.1987+0.0036i
17.7	-0.1275-0.0435i	0.2149-0.1905i	-4.0146-0.0046i	-0.1342-0.0541i	0.4365-0.0360i	-0.1563+0.4014i	-0.2143-0.0726i	0.1750-0.0032i
17.8	-0.1251-0.0371i	0.1771-0.2197i	-3.6096+0.3269i	-0.1255-0.0485i	0.3991-0.0511i	-0.1346+0.4252i	-0.2022-0.0603i	0.1540-0.0067i
17.9	-0.1242-0.0363i	0.1198-0.2310i	-3.2669+0.4539i	-0.1207-0.0441i	0.3651-0.0565i	-0.0912+0.4152i	-0.1929-0.0546i	0.1353-0.0099i
18.0	-0.1169-0.0341i	0.0817-0.2035i	-2.8552+0.3347i	-0.1123-0.0440i	0.3295-0.0438i	-0.0732+0.3868i	-0.1766-0.0544i	0.1158-0.0036i
18.1	-0.1113-0.0339i	0.0729-0.1768i	-2.7102+0.1603i	-0.1040-0.0439i	0.3070-0.0320i	-0.0786+0.3536i	-0.1666-0.0548i	0.0993-0.0016i
18.2	-0.1090-0.0308i	0.0655-0.1738i	-2.6343+0.0841i	-0.1015-0.0377i	0.2891-0.0203i	-0.0609+0.3378i	-0.1608-0.0534i	0.0886+0.0004i

18.3	-0.1069-0.0218i	0.0530-0.1637i	-2.5998+0.0732i	-0.0993-0.0302i	0.2736-0.0118i	-0.0460+0.3196i	-0.1552-0.0477i	0.0795+0.0081i
18.4	-0.0992-0.0114i	0.0394-0.1578i	-2.5311+0.1534i	-0.0926-0.0161i	0.2658-0.0059i	-0.0328+0.2674i	-0.1505-0.0364i	0.0733+0.0112i
18.5	-0.0941-0.0119i	0.0296-0.1632i	-2.5755+0.1345i	-0.0784-0.0110i	0.2683+0.0063i	-0.0650+0.2313i	-0.1433-0.0349i	0.0648+0.0171i
18.6	-0.0873-0.0140i	0.0055-0.1766i	-2.4888+0.1841i	-0.0623-0.0152i	0.2624+0.0140i	-0.1129+0.2255i	-0.1315-0.0358i	0.0605+0.0260i
18.7	-0.0860-0.0182i	-0.0305-0.1575i	-2.1343+0.2583i	-0.0599-0.0252i	0.2527+0.0086i	-0.1325+0.2542i	-0.1232-0.0363i	0.0583+0.0226i
18.8	-0.0859-0.0164i	-0.0428-0.1330i	-2.0436+0.0606i	-0.0628-0.0241i	0.2393+0.0086i	-0.1041+0.2593i	-0.1213-0.0364i	0.0505+0.0214i
18.9	-0.0780-0.0104i	-0.0505-0.1153i	-1.8836-0.0050i	-0.0557-0.0153i	0.2307+0.0031i	-0.0886+0.2374i	-0.1127-0.0302i	0.0449+0.0175i
19.0	-0.0746-0.0038i	-0.0641-0.0992i	-1.8736-0.0506i	-0.0515-0.0069i	0.2250+0.0019i	-0.0879+0.2114i	-0.1082-0.0238i	0.0400+0.0179i
19.1	-0.0719+0.0021i	-0.0666-0.0833i	-1.9412-0.0088i	-0.0467-0.0009i	0.2206+0.0001i	-0.0945+0.1926i	-0.1044-0.0180i	0.0379+0.0183i
19.2	-0.0640+0.0012i	-0.0641-0.0685i	-1.7663-0.2273i	-0.0363+0.0010i	0.2082-0.0026i	-0.1130+0.1720i	-0.0928-0.0171i	0.0287+0.0143i
19.3	-0.0538+0.0006i	-0.0638-0.0609i	-1.6409-0.2695i	-0.0236+0.0041i	0.1935+0.0001i	-0.1270+0.1571i	-0.0799-0.0159i	0.0178+0.0147i
19.4	-0.0456+0.0041i	-0.0641-0.0544i	-1.6301-0.2419i	-0.0151+0.0047i	0.1835-0.0079i	-0.1385+0.1580i	-0.0699-0.0121i	0.0134+0.0136i
19.5	-0.0456+0.0069i	-0.0607-0.0423i	-1.7379-0.2394i	-0.0113+0.0047i	0.1750-0.0175i	-0.1530+0.1630i	-0.0678-0.0095i	0.0095+0.0171i
19.6	-0.0377+0.0103i	-0.0635-0.0374i	-1.6976-0.2042i	-0.0010+0.0087i	0.1694-0.0193i	-0.1605+0.1627i	-0.0598-0.0078i	0.0053+0.0171i
19.7	-0.0319+0.0133i	-0.0647-0.0291i	-1.7027-0.1558i	0.0068+0.0103i	0.1615-0.0245i	-0.1660+0.1690i	-0.0525-0.0059i	0.0006+0.0154i
19.8	-0.0243+0.0141i	-0.0591-0.0210i	-1.6220-0.2056i	0.0144+0.0082i	0.1460-0.0243i	-0.1674+0.1758i	-0.0437-0.0045i	-0.0030+0.0185i
19.9	-0.0220+0.0126i	-0.0602-0.0188i	-1.5577-0.2436i	0.0172+0.0063i	0.1310-0.0241i	-0.1702+0.1846i	-0.0383-0.0057i	-0.0066+0.0151i
20.0	-0.0136+0.0130i	-0.0532-0.0146i	-1.5688-0.1821i	0.0183+0.0048i	0.1055-0.0155i	-0.1456+0.1825i	-0.0300-0.0062i	-0.0096+0.0185i
20.1	-0.0050+0.0136i	-0.0475-0.0137i	-1.4564-0.1080i	0.0234+0.0033i	0.0880-0.0158i	-0.1267+0.1672i	-0.0225-0.0037i	-0.0142+0.0196i
20.2	-0.0017+0.0150i	-0.0509-0.0130i	-1.5439-0.1612i	0.0267+0.0053i	0.0827-0.0133i	-0.1174+0.1586i	-0.0189-0.0039i	-0.0188+0.0164i
20.3	0.0025+0.0140i	-0.0482-0.0137i	-1.5851-0.1751i	0.0310+0.0060i	0.0747-0.0117i	-0.1241+0.1498i	-0.0146-0.0048i	-0.0216+0.0142i
20.4	0.0097+0.0098i	-0.0404-0.0159i	-1.5259-0.1449i	0.0373+0.0040i	0.0560-0.0009i	-0.1267+0.1219i	-0.0063-0.0057i	-0.0277+0.0165i
20.5	0.0089+0.0084i	-0.0460-0.0173i	-1.5591-0.2017i	0.0399+0.0060i	0.0523+0.0091i	-0.1419+0.1130i	-0.0028-0.0070i	-0.0316+0.0153i
20.6	0.0199+0.0062i	-0.0417-0.0203i	-1.4797-0.2177i	0.0431+0.0078i	0.0349+0.0109i	-0.1404+0.1004i	0.0061-0.0065i	-0.0300+0.0110i
20.7	0.0243+0.0061i	-0.0338-0.0180i	-1.4050-0.1322i	0.0449+0.0069i	0.0237+0.0169i	-0.1441+0.0986i	0.0099-0.0080i	-0.0304+0.0065i
20.8	0.0289+0.0055i	-0.0330-0.0199i	-1.3912-0.1762i	0.0468+0.0068i	0.0140+0.0214i	-0.1376+0.0903i	0.0137-0.0085i	-0.0328+0.0068i
20.9	0.0336+0.0038i	-0.0342-0.0273i	-1.2628-0.1818i	0.0492+0.0099i	0.0072+0.0388i	-0.1317+0.0885i	0.0184-0.0110i	-0.0372+0.0025i
21.0	0.0359+0.0041i	-0.0303-0.0372i	-1.2579-0.1472i	0.0474+0.0171i	-0.0097+0.0473i	-0.1370+0.0817i	0.0202-0.0085i	-0.0400-0.0050i
21.1	0.0416+0.0064i	-0.0255-0.0406i	-1.2197-0.1706i	0.0481+0.0215i	-0.0270+0.0529i	-0.1386+0.0909i	0.0263-0.0098i	-0.0388-0.0093i
21.2	0.0457-0.0020i	-0.0249-0.0602i	-1.1604-0.2245i	0.0511+0.0294i	-0.0342+0.0923i	-0.1322+0.0880i	0.0294-0.0146i	-0.0458-0.0244i
21.3	0.0444-0.0059i	-0.0487-0.0647i	-1.2651-0.2654i	0.0669+0.0299i	-0.0082+0.0971i	-0.1380+0.0807i	0.0286-0.0146i	-0.0656-0.0302i
21.4	0.0467-0.0054i	-0.0492-0.0683i	-1.2509-0.1458i	0.0668+0.0335i	-0.0177+0.0972i	-0.1238+0.0703i	0.0283-0.0106i	-0.0739-0.0322i
21.5	0.0533-0.0054i	-0.0442-0.0712i	-1.1965-0.1834i	0.0647+0.0384i	-0.0344+0.1085i	-0.1103+0.0639i	0.0322-0.0100i	-0.0755-0.0310i
21.6	0.0595-0.0076i	-0.0449-0.0854i	-1.1910-0.1243i	0.0697+0.0489i	-0.0434+0.1280i	-0.0822+0.0289i	0.0368-0.0064i	-0.0831-0.0385i
21.7	0.0587-0.0088i	-0.0579-0.0820i	-1.1637-0.1660i	0.0782+0.0467i	-0.0360+0.1307i	-0.1021+0.0251i	0.0400-0.0090i	-0.0957-0.0346i
21.8	0.0555-0.0085i	-0.0747-0.0833i	-1.1012-0.1499i	0.0860+0.0473i	-0.0199+0.1286i	-0.1289+0.0216i	0.0410-0.0063i	-0.1086-0.0357i
21.9	0.0570-0.0096i	-0.0935-0.0989i	-0.9730-0.1373i	0.0992+0.0594i	-0.0167+0.1564i	-0.1239-0.0009i	0.0469-0.0036i	-0.1288-0.0448i
22.0	0.0576-0.0085i	-0.0945-0.0897i	-1.0144-0.0985i	0.0992+0.0578i	-0.0311+0.1427i	-0.1172+0.0018i	0.0483-0.0021i	-0.1370-0.0423i
22.1	0.0635-0.0065i	-0.0982-0.0937i	-1.0182-0.0272i	0.1057+0.0643i	-0.0374+0.1479i	-0.0940-0.0253i	0.0534+0.0031i	-0.1507-0.0405i
22.2	0.0638-0.0106i	-0.1134-0.0943i	-1.0488-0.2018i	0.1189+0.0646i	-0.0356+0.1694i	-0.1283-0.0323i	0.0602-0.0014i	-0.1704-0.0386i
22.3	0.0669-0.0061i	-0.1202-0.0837i	-1.0171-0.2476i	0.1231+0.0627i	-0.0387+0.1688i	-0.1307-0.0098i	0.0634-0.0023i	-0.1778-0.0310i
22.4	0.0704-0.0010i	-0.1142-0.0759i	-1.0026-0.0640i	0.1213+0.0592i	-0.0652+0.1582i	-0.1101-0.0326i	0.0676+0.0035i	-0.1838-0.0150i
22.5	0.0741-0.0020i	-0.1098-0.0820i	-0.9142-0.0652i	0.1254+0.0630i	-0.0750+0.1757i	-0.1212-0.0459i	0.0730+0.0042i	-0.1930-0.0106i
22.6	0.0772-0.0049i	-0.1208-0.0872i	-0.9262-0.1669i	0.1356+0.0671i	-0.0902+0.2098i	-0.1310-0.0515i	0.0803+0.0003i	-0.2125-0.0045i
22.7	0.0779+0.0003i	-0.1251-0.0809i	-0.9685-0.2052i	0.1382+0.0652i	-0.1122+0.2096i	-0.1125-0.0382i	0.0828+0.0021i	-0.2358+0.0083i
22.8	0.0842+0.0039i	-0.1188-0.0766i	-0.8960-0.1793i	0.1412+0.0698i	-0.1383+0.2241i	-0.0952-0.0717i	0.0884+0.0053i	-0.2508+0.0248i
22.9	0.0865+0.0024i	-0.1229-0.0824i	-0.9568-0.1951i	0.1463+0.0700i	-0.1611+0.2564i	-0.0896-0.0814i	0.0929+0.0017i	-0.2728+0.0447i
23.0	0.0884-0.0003i	-0.1248-0.0979i	-0.9088-0.2751i	0.1504+0.0788i	-0.1883+0.3273i	-0.1020-0.1117i	0.1016-0.0023i	-0.2884+0.0738i
23.1	0.0963+0.0059i	-0.1220-0.1022i	-0.8484-0.2856i	0.1561+0.0956i	-0.2004+0.4294i	-0.1096-0.1616i	0.1074-0.0036i	-0.2907+0.1318i
23.2	0.1006+0.0088i	-0.1281-0.1112i	-0.8112-0.2541i	0.1655+0.1019i	-0.1803+0.5182i	-0.1180-0.1890i	0.1093-0.0073i	-0.2858+0.1807i
23.3	0.1079+0.0079i	-0.1340-0.1263i	-0.8852-0.3456i	0.1794+0.1080i	-0.1150+0.5885i	-0.1416-0.2047i	0.1100-0.0092i	-0.2548+0.2141i
23.4	0.1160+0.0123i	-0.1504-0.1461i	-0.8017-0.2291i	0.2047+0.1227i	-0.0003+0.6600i	-0.1888-0.2205i	0.1116-0.0058i	-0.2068+0.2481i
23.5	0.1228+0.0049i	-0.1786-0.1510i	-0.8040-0.2645i	0.2310+0.1157i	0.1333+0.6756i	-0.2327-0.2108i	0.1138-0.0125i	-0.1493+0.2526i
23.6	0.1258-0.0020i	-0.2084-0.1595i	-0.9565-0.3049i	0.2511+0.1045i	0.2763+0.6702i	-0.2645-0.1887i	0.1082-0.0168i	-0.0820+0.2507i
23.7	0.1278-0.0024i	-0.2303-0.1556i	-0.9459-0.1981i	0.2635+0.0941i	0.3732+0.5925i	-0.2665-0.1303i	0.1071-0.0121i	-0.0445+0.2130i
23.8	0.1334-0.0053i	-0.2432-0.1445i	-0.8748-0.1504i	0.2686+0.0873i	0.4154+0.5155i	-0.2304-0.1174i	0.1085-0.0065i	-0.0277+0.1737i
23.9	0.1365-0.0084i	-0.2614-0.1200i	-0.8602-0.1436i	0.2750+0.0711i	0.4543+0.4123i	-0.2143-0.1102i	0.1097-0.0032i	-0.0105+0.1299i
24.0	0.1424-0.0065i	-0.2721-0.0967i	-0.7507-0.0820i	0.2797+0.0605i	0.4566+0.3266i	-0.1963-0.1263i	0.1163+0.0012i	-0.0119+0.1008i
24.1	0.1473-0.0086i	-0.2817-0.0911i	-0.6862-0.0057i	0.2860+0.0614i	0.4613+0.2905i	-0.1832-0.1404i	0.1244+0.0081i	-0.0146+0.0794i
24.2	0.1436-0.0075i	-0.3026-0.0768i	-0.6395+0.0186i	0.2921+0.0531i	0.4656+0.2409i	-0.1659-0.1386i	0.1265+0.0078i	-0.0270+0.0652i
24.3	0.1490-0.0092i	-0.3075-0.0655i	-0.5160+0.0098i	0.2968+0.0473i	0.4601+0.1983i	-0.1564-0.1572i	0.1329+0.0086i	-0.0277+0.0464i
24.4	0.1520-0.0125i	-0.3034-0.0606i	-0.4602-0.0473i	0.2948+0.0439i	0.4208+0.1801i	-0.1507-0.1740i	0.1395+0.0076i	-0.0424+0.0408i
24.5	0.1578-0.0127i	-0.3019-0.0480i	-0.5372-0.0353i	0.2971+0.0420i	0.4036+0.1500i	-0.1301-0.1825i	0.1430+0.0070i	-0.0508+0.0292i

24.6	0.1617−0.0174i	−0.3069−0.0408i	−0.4886−0.0206i	0.3021+0.0425i	0.4034+0.1231i	−0.1248−0.2191i	0.1478+0.0075i	−0.0535+0.0099i
24.7	0.1690−0.0216i	−0.2988−0.0349i	−0.4231−0.0889i	0.3033+0.0413i	0.3643+0.1084i	−0.1321−0.2554i	0.1539+0.0073i	−0.0635+0.0042i
24.8	0.1763−0.0177i	−0.2958−0.0195i	−0.4184−0.1470i	0.3072+0.0370i	0.3420+0.0892i	−0.1443−0.2597i	0.1616+0.0086i	−0.0721+0.0033i
24.9	0.1787−0.0126i	−0.2997−0.0104i	−0.2929−0.1557i	0.3147+0.0374i	0.3320+0.0763i	−0.1364−0.2838i	0.1703+0.0111i	−0.0835+0.0010i
25.0	0.1775−0.0201i	−0.3072−0.0140i	−0.1926−0.1178i	0.3190+0.0366i	0.3273+0.0640i	−0.1466−0.3094i	0.1742+0.0105i	−0.0918−0.0082i
25.1	0.1800−0.0158i	−0.3049−0.0001i	−0.2050−0.1244i	0.3208+0.0342i	0.3183+0.0486i	−0.1657−0.3082i	0.1774+0.0119i	−0.0937−0.0119i
25.2	0.1838−0.0185i	−0.3115−0.0043i	−0.1543−0.0659i	0.3256+0.0365i	0.3088+0.0450i	−0.1740−0.3217i	0.1838+0.0131i	−0.0977−0.0193i
25.3	0.1878−0.0247i	−0.3185−0.0001i	−0.0590−0.1501i	0.3334+0.0353i	0.2982+0.0450i	−0.1981−0.3435i	0.1941+0.0086i	−0.0991−0.0224i
25.4	0.1877−0.0217i	−0.3266+0.0118i	0.0470−0.1700i	0.3436+0.0358i	0.2910+0.0298i	−0.2285−0.3648i	0.2018+0.0079i	−0.1047−0.0309i
25.5	0.1934−0.0210i	−0.3242+0.0174i	0.0721−0.1734i	0.3473+0.0337i	0.2796+0.0218i	−0.2242−0.3609i	0.2046+0.0096i	−0.1112−0.0351i
25.6	0.1991−0.0206i	−0.3164+0.0286i	0.0290−0.2711i	0.3505+0.0298i	0.2649+0.0131i	−0.2152−0.3317i	0.2086+0.0058i	−0.1199−0.0498i
25.7	0.2041−0.0191i	−0.3135+0.0315i	0.1073−0.2681i	0.3544+0.0323i	0.2546+0.0062i	−0.2089−0.3450i	0.2162+0.0059i	−0.1218−0.0597i
25.8	0.2119−0.0191i	−0.3110+0.0307i	0.2247−0.3013i	0.3612+0.0349i	0.2461−0.0022i	−0.1934−0.3687i	0.2239+0.0064i	−0.1234−0.0651i
25.9	0.2169−0.0224i	−0.3137+0.0338i	0.2152−0.4124i	0.3682+0.0306i	0.2376−0.0085i	−0.1894−0.3870i	0.2319+0.0033i	−0.1283−0.0688i
26.0	0.2235−0.0285i	−0.3126+0.0371i	0.3480−0.5154i	0.3771+0.0298i	0.2289−0.0170i	−0.1880−0.4121i	0.2426−0.0002i	−0.1371−0.0846i
26.1	0.2283−0.0310i	−0.3073+0.0417i	0.3946−0.4898i	0.3823+0.0322i	0.2183−0.0244i	−0.1873−0.4435i	0.2473−0.0013i	−0.1409−0.1021i
26.2	0.2330−0.0406i	−0.3059+0.0450i	0.4049−0.5969i	0.3885+0.0293i	0.2069−0.0321i	−0.1802−0.4933i	0.2536−0.0068i	−0.1479−0.1157i
26.3	0.2356−0.0469i	−0.3045+0.0476i	0.4862−0.7831i	0.3953+0.0278i	0.1928−0.0432i	−0.1944−0.5243i	0.2630−0.0152i	−0.1554−0.1358i
26.4	0.2323−0.0478i	−0.2959+0.0485i	0.6111−0.8407i	0.3974+0.0257i	0.1646−0.0498i	−0.2294−0.5499i	0.2680−0.0212i	−0.1733−0.1544i
26.5	0.2320−0.0457i	−0.2931+0.0516i	0.6563−0.8203i	0.4003+0.0301i	0.1505−0.0531i	−0.2357−0.5856i	0.2700−0.0204i	−0.1923−0.1681i
26.6	0.2310−0.0450i	−0.2842+0.0416i	0.7091−0.8201i	0.4058+0.0361i	0.1260−0.0491i	−0.2424−0.6184i	0.2765−0.0229i	−0.2172−0.1828i
26.7	0.2269−0.0421i	−0.2704+0.0282i	0.6938−0.9678i	0.4108+0.0363i	0.0985−0.0415i	−0.2660−0.6307i	0.2795−0.0297i	−0.2446−0.1893i
26.8	0.2265−0.0377i	−0.2663+0.0145i	0.7443−1.1271i	0.4159+0.0369i	0.0745−0.0317i	−0.3064−0.6302i	0.2805−0.0368i	−0.2738−0.1930i
26.9	0.2289−0.0330i	−0.2638+0.0015i	0.8126−1.2050i	0.4215+0.0450i	0.0487−0.0185i	−0.3335−0.6686i	0.2841−0.0413i	−0.2978−0.2035i
27.0	0.2343−0.0274i	−0.2672−0.0263i	0.7330−1.3840i	0.4318+0.0522i	0.0299−0.0025i	−0.3482−0.7204i	0.2916−0.0463i	−0.3213−0.2151i
27.1	0.2363−0.0111i	−0.2755−0.0387i	0.5520−1.5966i	0.4385+0.0626i	0.0121+0.0273i	−0.3880−0.7434i	0.2922−0.0484i	−0.3500−0.2086i
27.2	0.2387−0.0015i	−0.2889−0.0511i	0.5733−1.8207i	0.4530+0.0721i	−0.0021+0.0663i	−0.4609−0.7663i	0.2943−0.0525i	−0.3911−0.2020i
27.3	0.2518+0.0124i	−0.3131−0.0687i	0.4785−1.9922i	0.4744+0.0822i	0.0022+0.1050i	−0.5357−0.7668i	0.2975−0.0554i	−0.4320−0.1937i
27.4	0.2703+0.0246i	−0.3233−0.0895i	0.2775−2.1334i	0.4892+0.0913i	0.0260+0.1418i	−0.5650−0.7421i	0.2970−0.0574i	−0.4403−0.1847i
27.5	0.2861+0.0316i	−0.3410−0.1052i	−0.1619−2.2781i	0.5125+0.0951i	0.0525+0.1784i	−0.6257−0.7244i	0.2950−0.0605i	−0.4604−0.1605i
27.6	0.3055+0.0447i	−0.3701−0.1235i	−0.2725−2.1100i	0.5421+0.1023i	0.0764+0.2002i	−0.6929−0.6907i	0.2988−0.0595i	−0.4890−0.1520i
27.7	0.3349+0.0480i	−0.3988−0.1244i	−0.3395−1.9077i	0.5692+0.1004i	0.1073+0.1973i	−0.7020−0.6321i	0.3081−0.0579i	−0.5034−0.1447i
27.8	0.3579+0.0462i	−0.4312−0.1240i	−0.5044−1.8301i	0.5906+0.0978i	0.1374+0.1976i	−0.7010−0.5722i	0.3065−0.0563i	−0.5263−0.1327i
27.9	0.3773+0.0368i	−0.4590−0.1153i	−0.8292−1.5942i	0.6044+0.0851i	0.1619+0.1800i	−0.6730−0.5277i	0.2988−0.0549i	−0.5434−0.1164i
28.0	0.4013+0.0289i	−0.4819−0.1111i	−1.0610−1.3515i	0.6219+0.0769i	0.1838+0.1587i	−0.6282−0.4830i	0.3025−0.0523i	−0.5482−0.1099i
28.1	0.4236+0.0190i	−0.5100−0.1152i	−0.9480−1.2623i	0.6465+0.0729i	0.2059+0.1505i	−0.5976−0.4784i	0.3139−0.0490i	−0.5575−0.1009i
28.2	0.4402+0.0122i	−0.5358−0.1145i	−0.9546−1.1879i	0.6660+0.0726i	0.2178+0.1444i	−0.5656−0.4888i	0.3175−0.0452i	−0.5720−0.0935i
28.3	0.4589−0.0019i	−0.5687−0.1118i	−0.8277−1.0280i	0.6902+0.0654i	0.2236+0.1321i	−0.5453−0.4926i	0.3236−0.0457i	−0.6004−0.0840i
28.4	0.4683−0.0102i	−0.5891−0.1082i	−0.8147−0.8456i	0.7059+0.0645i	0.2197+0.1197i	−0.5300−0.5149i	0.3282−0.0387i	−0.6226−0.0781i
28.5	0.4870−0.0270i	−0.6280−0.0748i	−0.7406−0.9319i	0.7354+0.0414i	0.2283+0.0973i	−0.5278−0.4966i	0.3415−0.0425i	−0.6448−0.0562i
28.6	0.5059−0.0350i	−0.6612−0.0710i	−0.4719−0.7540i	0.7647+0.0352i	0.2374+0.0856i	−0.5351−0.5041i	0.3550−0.0438i	−0.6648−0.0561i
28.7	0.5216−0.0418i	−0.6806−0.0575i	−0.4185−0.5580i	0.7852+0.0281i	0.2283+0.0727i	−0.5029−0.5254i	0.3630−0.0401i	−0.6903−0.0481i
28.8	0.5413−0.0508i	−0.7117−0.0536i	−0.1611−0.4251i	0.8129+0.0259i	0.2272+0.0761i	−0.4934−0.5534i	0.3792−0.0312i	−0.7125−0.0315i
28.9	0.5615−0.0630i	−0.7482−0.0468i	−0.0971−0.4235i	0.8407+0.0165i	0.2326+0.0663i	−0.4509−0.5923i	0.3920−0.0331i	−0.7373−0.0251i
29.0	0.5726−0.0820i	−0.7728−0.0291i	−0.0401−0.2671i	0.8584−0.0015i	0.2253+0.0549i	−0.4371−0.6283i	0.4017−0.0359i	−0.7617−0.0059i
29.1	0.5853−0.0938i	−0.8022−0.0130i	0.0388−0.2280i	0.8834−0.0153i	0.2149+0.0479i	−0.4352−0.6381i	0.4139−0.0389i	−0.7933+0.0114i
29.2	0.5968−0.1057i	−0.8405+0.0101i	0.1166−0.3335i	0.9030−0.0247i	0.2162+0.0412i	−0.4143−0.6472i	0.4230−0.0409i	−0.8209+0.0234i
29.3	0.6170−0.1228i	−0.8787+0.0275i	0.4012−0.2580i	0.9399−0.0353i	0.2070+0.0349i	−0.4153−0.7013i	0.4403−0.0401i	−0.8663+0.0384i
29.4	0.6327−0.1271i	−0.9084+0.0282i	0.5909−0.0969i	0.9630−0.0383i	0.2065+0.0396i	−0.3716−0.7284i	0.4507−0.0380i	−0.8857+0.0468i
29.5	0.6543−0.1448i	−0.9454+0.0665i	0.6940−0.2537i	0.9927−0.0654i	0.2099+0.0250i	−0.3374−0.7377i	0.4669−0.0502i	−0.9088+0.0691i
29.6	0.6771−0.1668i	−0.9876+0.0993i	0.9592−0.3570i	1.0260−0.0877i	0.2062+0.0110i	−0.3200−0.7791i	0.4838−0.0619i	−0.9467+0.0818i
29.7	0.6945−0.1746i	−1.0222+0.1240i	1.1868−0.1333i	1.0510−0.0916i	0.2014+0.0206i	−0.2959−0.8521i	0.4989−0.0583i	−0.9797+0.1139i
29.8	0.7003−0.2013i	−1.0562+0.1632i	1.3280−0.1672i	1.0708−0.1258i	0.1913+0.0243i	−0.2736−0.8971i	0.5062−0.0657i	−1.0203+0.1657i
29.9	0.7193−0.2221i	−1.0701+0.2173i	1.4377−0.2231i	1.0961−0.1455i	0.1831+0.0135i	−0.2496−0.9571i	0.5154−0.0701i	−1.0509+0.1999i
30.0	0.7348−0.2542i	−1.1149+0.2694i	1.6618−0.4688i	1.1210−0.1853i	0.1844+0.0149i	−0.2380−1.0338i	0.5303−0.0880i	−1.0747+0.2484i
30.1	0.7664−0.2883i	−1.1872+0.3043i	2.1009−0.5996i	1.1859−0.2182i	0.1801+0.0190i	−0.2505−1.1605i	0.5571−0.0996i	−1.1494+0.2954i
30.2	0.7848−0.3257i	−1.2482+0.3453i	2.2117−0.7205i	1.2277−0.2518i	0.1809+0.0236i	−0.2400−1.2791i	0.5687−0.1101i	−1.2090+0.3468i
30.3	0.8010−0.3352i	−1.2589+0.4180i	2.1961−0.8781i	1.2483−0.2854i	0.1705+0.0529i	−0.2078−1.3324i	0.5810−0.1118i	−1.2254+0.4621i
30.4	0.8242−0.3702i	−1.3087+0.4700i	2.5030−0.7919i	1.3006−0.3149i	0.1815+0.0501i	−0.2476−1.4740i	0.6005−0.1147i	−1.2704+0.5090i
30.5	0.8415−0.3931i	−1.3992+0.5055i	2.9412−0.5412i	1.3569−0.3189i	0.2021+0.0453i	−0.2802−1.6520i	0.6238−0.1086i	−1.3214+0.5350i
30.6	0.8590−0.4465i	−1.4683+0.6112i	3.3594−0.8341i	1.4205−0.3899i	0.2085+0.0389i	−0.3732−1.7828i	0.6521−0.1338i	−1.3750+0.6284i
30.7	0.8554−0.4877i	−1.4934+0.7137i	3.3898−1.0983i	1.4386−0.4542i	0.2053+0.0375i	−0.4359−1.8812i	0.6532−0.1451i	−1.3990+0.7270i
30.8	0.8604−0.5204i	−1.5304+0.8523i	3.5885−1.3430i	1.4715−0.5195i	0.2114+0.0358i	−0.4984−2.0230i	0.6679−0.1520i	−1.4312+0.8578i

30.9	0.8619-0.5650i	-1.5659+0.9752i	3.8919-1.7641i	1.4992-0.5847i	0.2295+0.0277i	-0.5966-2.1537i	0.6819-0.1708i	-1.4394+0.9549i
31.0	0.8599-0.6038i	-1.5514+1.1525i	4.1753-2.1157i	1.5277-0.6840i	0.2423+0.0349i	-0.7916-2.2672i	0.7124-0.1806i	-1.4080+1.1430i
31.1	0.8646-0.6446i	-1.6078+1.2996i	4.6567-2.2801i	1.5718-0.7540i	0.2562+0.0190i	-0.9212-2.4132i	0.7377-0.1911i	-1.4322+1.2535i
31.2	0.8679-0.6661i	-1.5817+1.4524i	4.9005-2.7160i	1.5908-0.8291i	0.2410+0.0132i	-1.0565-2.4803i	0.7567-0.1967i	-1.4276+1.3977i
31.3	0.8791-0.7038i	-1.5182+1.6702i	4.8857-3.1261i	1.5999-0.9356i	0.2555+0.0145i	-1.2034-2.6015i	0.7890-0.1975i	-1.3471+1.6199i
31.4	0.9084-0.7230i	-1.5141+1.8056i	5.4494-3.2271i	1.6476-0.9846i	0.2671-0.0116i	-1.3453-2.7241i	0.8316-0.2017i	-1.3380+1.6964i
31.5	0.9066-0.7824i	-1.3882+2.0822i	5.7119-4.3649i	1.6400-1.1452i	0.2794-0.0054i	-1.6221-2.8134i	0.8801-0.2238i	-1.1929+1.9909i
31.6	0.9016-0.8143i	-1.2710+2.2442i	5.5206-4.8224i	1.6123-1.2336i	0.2975+0.0022i	-1.7902-2.8794i	0.9066-0.2312i	-1.0464+2.1699i
31.7	0.9085-0.8738i	-1.0962+2.4406i	5.6997-5.6021i	1.6062-1.3711i	0.3115-0.0021i	-2.1215-2.9480i	0.9679-0.2656i	-0.8658+2.3801i
31.8	0.9832-0.9227i	-0.9972+2.6986i	6.3975-5.9823i	1.6950-1.4851i	0.3172-0.0139i	-2.4063-3.1925i	1.0672-0.2619i	-0.7899+2.6276i
31.9	1.0575-0.9295i	-0.8984+2.8452i	6.9635-6.0578i	1.7583-1.5398i	0.3356+0.0042i	-2.5723-3.3684i	1.1663-0.2215i	-0.6641+2.8286i
32.0	1.0181-1.0335i	-0.4734+3.0201i	6.2002-7.5145i	1.6078-1.7333i	0.4067-0.0210i	-3.0567-3.2818i	1.2351-0.3165i	-0.1034+2.9955i
32.1	0.9669-1.0978i	-0.1298+3.0114i	5.3051-8.3665i	1.4630-1.8133i	0.4490-0.0915i	-3.3739-3.0873i	1.2595-0.4153i	0.3168+2.8757i
32.2	0.9879-1.1700i	0.1195+3.0222i	5.2718-8.8856i	1.4351-1.9308i	0.4354-0.1129i	-3.7086-2.9791i	1.3289-0.4693i	0.5499+2.9274i
32.3	0.9806-1.2931i	0.5302+3.0452i	4.9047-9.6368i	1.3236-2.0888i	0.4679-0.1903i	-4.2462-2.8061i	1.4370-0.6044i	1.0609+2.8589i
32.4	0.9574-1.5232i	1.0609+3.0741i	4.5088-11.3444i	1.1527-2.3720i	0.5024-0.3255i	-4.9532-2.4414i	1.5817-0.8845i	1.7600+2.6676i
32.5	0.8864-1.6446i	1.3631+2.9029i	3.9000-12.4376i	0.9740-2.4700i	0.4858-0.4365i	-5.2292-1.9648i	1.5952-1.1051i	2.1224+2.2683i
32.6	0.7718-1.8225i	1.7769+2.6561i	2.8244-13.7323i	0.7333-2.5814i	0.4015-0.5881i	-5.6406-1.3423i	1.5720-1.4289i	2.4814+1.6551i
32.7	0.6215-1.9063i	1.9994+2.2867i	1.4419-14.0187i	0.5129-2.5529i	0.2726-0.6643i	-5.6621-0.7843i	1.4325-1.6521i	2.5051+1.0355i
32.8	0.5300-2.0337i	2.1971+1.9763i	0.7635-14.6633i	0.3963-2.5821i	0.1205-0.7485i	-5.8925-0.2932i	1.3521-1.9145i	2.4396+0.4574i
32.9	0.3381-2.0318i	2.2092+1.5822i	-0.8682-14.4580i	0.2048-2.4928i	-0.0263-0.7053i	-5.6733+0.2886i	1.0931-2.0321i	2.1389+0.0612i
33.0	0.1230-2.1038i	2.3183+1.1801i	-2.3958-14.8742i	-0.0167-2.4831i	-0.2012-0.6664i	-5.5627+1.0009i	0.8051-2.2443i	1.8464-0.3752i
33.1	0.0159-2.3123i	2.4823+0.9391i	-2.9886-15.8083i	-0.1257-2.6181i	-0.3250-0.6583i	-5.7715+1.5286i	0.6759-2.5539i	1.7288-0.7481i
33.2	-0.3529-2.3373i	2.4037+0.4035i	-5.5116-15.7686i	-0.4202-2.5490i	-0.5085-0.5181i	-5.2629+2.3441i	0.1168-2.6694i	1.0545-1.0668i
33.3	-0.6530-2.2359i	2.1936+0.0644i	-7.3590-15.1794i	-0.6616-2.4303i	-0.5674-0.3518i	-4.6398+2.8006i	-0.3158-2.5618i	0.5972-1.0145i
33.4	-0.8345-2.0817i	1.8769-0.1582i	-8.1182-13.8195i	-0.7606-2.2483i	-0.5512-0.1993i	-4.0667+2.8393i	-0.5866-2.3493i	0.2224-0.8676i
33.5	-1.0695-1.9563i	1.6126-0.3592i	-8.9483-12.8000i	-0.9011-2.1119i	-0.5386-0.0700i	-3.6964+2.9995i	-0.8863-2.1888i	-0.1325-0.7623i
33.6	-1.0474-1.8074i	1.3667-0.3012i	-8.6160-11.5040i	-0.8374-1.9818i	-0.4534-0.0123i	-3.4826+2.7316i	-0.8613-1.9718i	-0.1821-0.5432i
33.7	-1.1570-1.6896i	1.1782-0.3003i	-8.7959-11.1124i	-0.9027-1.9116i	-0.3917+0.0518i	-3.2943+2.7548i	-0.9669-1.8174i	-0.2614-0.3410i
33.8	-1.1273-1.3561i	0.9441-0.2323i	-9.0557-9.4604i	-0.8869-1.6140i	-0.2939+0.0860i	-2.7786+2.4924i	-0.9608-1.4386i	-0.2609-0.1000i
33.9	-1.1366-1.0893i	0.7586-0.1623i	-9.4101-8.3467i	-0.8936-1.3982i	-0.2235+0.1043i	-2.4061+2.3878i	-0.9995-1.1584i	-0.3007+0.0775i
34.0	-1.1614-0.8700i	0.6477-0.1380i	-9.8486-7.6259i	-0.9239-1.2260i	-0.1851+0.1259i	-2.1147+2.3879i	-1.0548-0.9283i	-0.3526+0.2230i
34.1	-1.0943-0.7709i	0.6014-0.0923i	-9.6844-7.1064i	-0.8519-1.1388i	-0.1598+0.1128i	-2.0687+2.3022i	-1.0025-0.8289i	-0.3626+0.2473i
34.2	-1.0138-0.7366i	0.5863-0.0516i	-9.3673-6.7956i	-0.7582-1.1466i	-0.1579+0.1084i	-2.1378+2.3532i	-0.9405-0.7813i	-0.3989+0.3277i
34.3	-1.0614-0.6337i	0.5186-0.0528i	-9.5868-6.6813i	-0.8591-1.1215i	-0.1193+0.1500i	-1.7427+2.5930i	-1.0196-0.6470i	-0.3881+0.5190i
34.4	-1.0233-0.5262i	0.4485-0.0268i	-9.6486-6.1807i	-0.8620-1.0283i	-0.0817+0.1522i	-1.4404+2.5356i	-0.9971-0.5136i	-0.3542+0.6049i
34.5	-0.9270-0.4074i	0.3710+0.0405i	-9.4463-5.3722i	-0.7975-0.9092i	-0.0382+0.1359i	-1.2025+2.3328i	-0.9085-0.3557i	-0.3020+0.6982i
34.6	-0.7858-0.4128i	0.3562+0.1215i	-8.8951-5.0645i	-0.6613-0.9045i	-0.0264+0.1033i	-1.2486+2.0927i	-0.7549-0.3233i	-0.2373+0.7253i
34.7	-0.6273-0.3857i	0.3389+0.2044i	-8.4502-4.5368i	-0.4936-0.8758i	-0.0224+0.0669i	-1.3140+1.8567i	-0.5837-0.2627i	-0.1986+0.7698i
34.8	-0.5756-0.2243i	0.3023+0.2461i	-8.9744-4.0268i	-0.5482-0.6706i	0.0199+0.0437i	-0.8037+1.5412i	-0.5058-0.0786i	-0.0082+0.7732i
34.9	-0.5416-0.2064i	0.3115+0.2839i	-8.9931-4.1077i	-0.5576-0.6699i	0.0197+0.0301i	-0.6896+1.5118i	-0.4580-0.0488i	0.0700+0.8135i
35.0	-0.5163-0.2122i	0.3460+0.3229i	-8.8324-4.2550i	-0.5575-0.7080i	0.0089+0.0209i	-0.6560+1.5248i	-0.4141-0.0268i	0.1267+0.8976i
35.1	-0.4337-0.1690i	0.3615+0.3658i	-8.9529-3.8174i	-0.5054-0.6053i	0.0110-0.0015i	-0.5719+1.1999i	-0.3096+0.0168i	0.2099+0.8204i
35.2	-0.3865-0.1477i	0.3802+0.3815i	-9.0960-3.5436i	-0.4844-0.5467i	0.0109-0.0096i	-0.5070+1.0049i	-0.2487+0.0367i	0.2715+0.7781i
35.3	-0.3215-0.1178i	0.4166+0.3866i	-9.0891-3.3558i	-0.4406-0.4975i	-0.0046-0.0226i	-0.5043+0.8763i	-0.1676+0.0620i	0.3314+0.7552i
35.4	-0.2530-0.2093i	0.4629+0.3912i	-8.8921-3.1956i	-0.3707-0.5699i	-0.0310-0.0169i	-0.6360+0.7811i	-0.0863-0.0200i	0.3400+0.7240i
35.5	-0.1904-0.3004i	0.5157+0.3906i	-8.6895-3.1212i	-0.3183-0.6578i	-0.0518-0.0128i	-0.7541+0.7455i	-0.0025-0.1089i	0.3827+0.7015i
35.6	-0.1288-0.2596i	0.5229+0.3849i	-8.6392-2.7790i	-0.2416-0.5668i	-0.0575-0.0174i	-0.8175+0.5497i	0.0600-0.0753i	0.3762+0.6363i
35.7	-0.1240-0.3280i	0.5568+0.3534i	-8.4075-2.7872i	-0.2537-0.6238i	-0.0687+0.0026i	-0.8528+0.5790i	0.0753-0.1458i	0.4103+0.6202i
35.8	0.0011-0.4094i	0.6024+0.3514i	-8.2073-2.4073i	-0.1233-0.6664i	-0.0958+0.0056i	-1.0094+0.4327i	0.2071-0.2247i	0.4346+0.5439i
35.9	0.0018-0.4661i	0.6045+0.3367i	-8.1550-2.2736i	-0.1074-0.7006i	-0.0929+0.0234i	-1.0831+0.3862i	0.2191-0.2763i	0.4246+0.5172i
36.0	0.0159-0.5024i	0.6247+0.3246i	-7.8981-1.9789i	-0.0775-0.7318i	-0.0968+0.0293i	-1.1752+0.3633i	0.2417-0.3081i	0.4144+0.5095i
36.1	0.0116-0.4864i	0.6267+0.2731i	-8.0323-1.9479i	-0.0858-0.6985i	-0.0974+0.0421i	-1.1565+0.3619i	0.2329-0.3039i	0.4149+0.4825i
36.2	0.1461-0.4650i	0.6004+0.2633i	-8.2261-1.4206i	0.0799-0.6419i	-0.1028+0.0330i	-1.2413+0.1735i	0.3444-0.2772i	0.3610+0.4442i
36.3	0.1709-0.4689i	0.5914+0.2362i	-8.0876-1.3679i	0.1118-0.6341i	-0.1007+0.0391i	-1.2757+0.1389i	0.3755-0.2838i	0.3629+0.4237i
36.4	0.1804-0.5394i	0.5965+0.2097i	-7.9654-1.1741i	0.1367-0.6977i	-0.1102+0.0603i	-1.3628+0.1491i	0.3958-0.3417i	0.3541+0.4238i
36.5	0.1462-0.5929i	0.5956+0.1928i	-7.7216-1.1954i	0.1221-0.7505i	-0.0990+0.0858i	-1.3799+0.1840i	0.3664-0.3869i	0.3186+0.4381i
36.6	0.1288-0.6656i	0.5982+0.1630i	-7.5673-1.2973i	0.1091-0.8064i	-0.0765+0.1054i	-1.3882+0.1589i	0.3584-0.4510i	0.3314+0.4225i
36.7	0.1646-0.6955i	0.5979+0.1511i	-7.7696-1.0961i	0.1507-0.8275i	-0.0782+0.0936i	-1.4523+0.0852i	0.3993-0.4530i	0.3451+0.4490i
36.8	0.1380-0.7833i	0.5840+0.1323i	-7.5128-1.2214i	0.1382-0.9168i	-0.0772+0.1058i	-1.5295+0.1198i	0.3833-0.5257i	0.3300+0.4634i
36.9	0.1886-0.8385i	0.5589+0.1196i	-7.5111-1.0021i	0.1991-0.9697i	-0.0813+0.1028i	-1.5963+0.0854i	0.4426-0.5696i	0.3375+0.4604i
37.0	0.2340-0.9193i	0.5609+0.1175i	-7.3281-0.6798i	0.2555-1.0472i	-0.0944+0.1180i	-1.7168+0.0482i	0.5035-0.6123i	0.3573+0.5004i
37.1	0.2245-1.0139i	0.5648+0.1154i	-7.2921-0.5569i	0.2518-1.1228i	-0.0980+0.1365i	-1.8025+0.0020i	0.5186-0.6998i	0.3849+0.4675i

37.2	0.1391-1.0957i	0.5551+0.1072i	-7.1069-0.7224i	0.1827-1.2031i	-0.0830+0.1528i	-1.8972+0.0312i	0.4633-0.7662i	0.3926+0.4781i
37.3	0.0807-1.1285i	0.5396+0.0833i	-6.9767-0.5831i	0.1408-1.2259i	-0.0692+0.1703i	-1.9788+0.0542i	0.4355-0.7962i	0.3974+0.4619i
37.4	0.1101-1.1443i	0.5255+0.0729i	-7.2278-0.4008i	0.1914-1.2175i	-0.0689+0.1923i	-2.0630+0.0175i	0.4912-0.7988i	0.4184+0.4459i
37.5	0.0580-1.2258i	0.5183+0.0623i	-7.0931-0.1246i	0.1793-1.2959i	-0.0414+0.2148i	-2.1886+0.0397i	0.4817-0.8654i	0.4217+0.4290i
37.6	-0.0175-1.3235i	0.5145+0.0450i	-6.8383+0.0358i	0.1252-1.3986i	-0.0198+0.2457i	-2.3061+0.1406i	0.4793-0.9451i	0.4821+0.4343i
37.7	-0.1887-1.3729i	0.4876+0.0381i	-6.5000-0.1551i	-0.0224-1.4650i	0.0389+0.2567i	-2.3288+0.2909i	0.3831-1.0191i	0.5190+0.4121i
37.8	-0.2855-1.3960i	0.4662+0.0348i	-6.4406-0.0920i	-0.1073-1.5039i	0.0783+0.2528i	-2.3286+0.3987i	0.3368-1.0756i	0.5519+0.3745i
37.9	-0.3566-1.3767i	0.4516+0.0493i	-6.3105-0.0457i	-0.1467-1.4938i	0.1106+0.2292i	-2.3988+0.4012i	0.3087-1.0758i	0.5463+0.3650i
38.0	-0.4538-1.3822i	0.4322+0.0672i	-6.1627+0.0101i	-0.2156-1.5064i	0.1551+0.2134i	-2.4505+0.4149i	0.2829-1.1151i	0.5927+0.3202i
38.1	-0.4684-1.3387i	0.4357+0.0660i	-6.3405+0.1508i	-0.1954-1.4765i	0.1720+0.1928i	-2.5747+0.4385i	0.3224-1.1184i	0.6287+0.2718i
38.2	-0.6136-1.3496i	0.4298+0.0795i	-5.9579+0.1060i	-0.3046-1.5286i	0.2102+0.1581i	-2.6892+0.5367i	0.2565-1.1927i	0.6496+0.2311i
38.3	-0.6963-1.2625i	0.4233+0.0768i	-5.8104-0.0013i	-0.3743-1.4625i	0.2287+0.1128i	-2.7355+0.5728i	0.2240-1.1971i	0.6722+0.1449i
38.4	-0.6810-1.1737i	0.4193+0.0710i	-6.0071+0.0783i	-0.3545-1.3894i	0.2162+0.0846i	-2.7738+0.6427i	0.2345-1.2091i	0.6526+0.0341i
38.5	-0.6756-1.1202i	0.4012+0.0618i	-6.0826+0.0026i	-0.3461-1.3742i	0.2185+0.0603i	-2.7608+0.7973i	0.2334-1.2554i	0.6379-0.0498i
38.6	-0.7256-1.0513i	0.3917+0.0847i	-5.9931-0.1980i	-0.3952-1.3625i	0.2174+0.0175i	-2.7556+0.9978i	0.1686-1.2822i	0.5981-0.0802i
38.7	-0.7264-1.0013i	0.3770+0.0732i	-5.9353-0.2076i	-0.4209-1.3562i	0.2055+0.0049i	-2.6761+1.2320i	0.1390-1.3414i	0.5787-0.1636i
38.8	-0.6869-0.9876i	0.3913+0.1056i	-5.9306+0.0203i	-0.3783-1.3669i	0.1852-0.0134i	-2.7295+1.3132i	0.1300-1.3963i	0.5079-0.2199i
38.9	-0.6327-0.9632i	0.4026+0.1302i	-5.9377+0.1536i	-0.3198-1.3599i	0.1545-0.0438i	-2.7540+1.3048i	0.0983-1.4052i	0.3872-0.2347i
39.0	-0.6388-0.9222i	0.4164+0.1288i	-5.9207-0.0621i	-0.3558-1.3641i	0.1394-0.0559i	-2.6446+1.5086i	0.0326-1.4281i	0.3409-0.2463i
39.1	-0.6393-0.9614i	0.4128+0.1504i	-6.0328-0.0869i	-0.3725-1.4322i	0.1244-0.0723i	-2.5786+1.5904i	-0.0380-1.4936i	0.2571-0.2400i
39.2	-0.6206-0.9775i	0.4192+0.1562i	-6.0262+0.0711i	-0.3812-1.4570i	0.1165-0.0799i	-2.4294+1.5952i	-0.0864-1.5364i	0.1985-0.2657i
39.3	-0.6200-0.9776i	0.4433+0.1643i	-5.9246+0.1380i	-0.4091-1.4661i	0.1031-0.0811i	-2.3049+1.6149i	-0.1625-1.5320i	0.1345-0.2415i
39.4	-0.6434-0.9945i	0.4599+0.1739i	-5.8213+0.0696i	-0.4545-1.5081i	0.0881-0.0938i	-2.2506+1.6806i	-0.2504-1.5657i	0.0747-0.2200i
39.5	-0.6622-1.0328i	0.4898+0.1828i	-5.9053+0.2081i	-0.4684-1.5609i	0.0684-0.1020i	-2.3210+1.6734i	-0.3197-1.5801i	-0.0025-0.1660i
39.6	-0.7208-1.0709i	0.4992+0.1631i	-5.6383+0.2332i	-0.5654-1.6092i	0.0602-0.0912i	-2.2004+1.6974i	-0.4169-1.6001i	-0.0212-0.1406i
39.7	-0.7638-1.0761i	0.4930+0.1701i	-5.5741+0.0994i	-0.6169-1.6064i	0.0558-0.0867i	-2.1847+1.6965i	-0.4564-1.5928i	-0.0152-0.1316i
39.8	-0.8198-1.0595i	0.5262+0.1707i	-5.6980+0.0719i	-0.6909-1.6148i	0.0436-0.0885i	-2.1188+1.8345i	-0.5790-1.6190i	-0.0942-0.1469i
39.9	-0.8350-1.0437i	0.5442+0.1632i	-5.6605+0.1663i	-0.7415-1.6067i	0.0271-0.0859i	-2.0022+1.8466i	-0.6727-1.5676i	-0.1534-0.0797i
40.0	-0.8685-1.0215i	0.5433+0.1467i	-5.6605+0.0957i	-0.8177-1.5811i	0.0194-0.0841i	-1.8520+1.7993i	-0.7492-1.5143i	-0.1600-0.0320i
40.1	-0.8760-1.0079i	0.5714+0.1460i	-5.5747+0.1625i	-0.8383-1.5675i	0.0007-0.0821i	-1.8532+1.7815i	-0.7799-1.4664i	-0.1733+0.0206i
40.2	-0.9230-1.0288i	0.5785+0.1682i	-5.4782+0.3395i	-0.8798-1.6043i	0.0023-0.0876i	-1.9096+1.7660i	-0.8501-1.4553i	-0.2275+0.0799i
40.3	-0.9844-0.9919i	0.6057+0.1387i	-5.3658+0.1882i	-0.9649-1.5830i	-0.0016-0.0821i	-1.8396+1.8508i	-0.9177-1.3795i	-0.2123+0.1595i
40.4	-0.9764-0.9234i	0.6174+0.1347i	-5.4617-0.0580i	-0.9712-1.4936i	-0.0138-0.0755i	-1.8022+1.7974i	-0.9291-1.2660i	-0.2181+0.2089i
40.5	-0.9850-0.8899i	0.6486+0.1544i	-5.3807-0.0567i	-1.0027-1.4755i	-0.0197-0.0784i	-1.7391+1.8144i	-0.9483-1.2016i	-0.1966+0.2867i
40.6	-0.9849-0.9012i	0.6637+0.1313i	-5.1957-0.0179i	-1.0247-1.4905i	-0.0192-0.0791i	-1.7030+1.7867i	-0.9435-1.1919i	-0.1485+0.3139i
40.7	-1.0281-0.9188i	0.6772+0.1126i	-5.0513-0.1318i	-1.0791-1.4840i	-0.0216-0.0789i	-1.7056+1.6710i	-1.0043-1.1672i	-0.1753+0.3404i
40.8	-1.0116-0.9051i	0.6885+0.1050i	-5.2222+0.0718i	-1.0793-1.4554i	-0.0258-0.0778i	-1.6507+1.5972i	-0.9963-1.1492i	-0.1682+0.3395i
40.9	-1.0390-0.8827i	0.7291+0.1228i	-5.2626+0.1723i	-1.1241-1.4552i	-0.0398-0.0702i	-1.6652+1.6760i	-1.0321-1.0958i	-0.1562+0.4332i
41.0	-1.0683-0.8360i	0.7919+0.0876i	-5.2936-0.0585i	-1.2081-1.3767i	-0.0314-0.0595i	-1.4941+1.5517i	-1.0676-1.0019i	-0.0590+0.4567i
41.1	-1.0916-0.7985i	0.7996+0.0157i	-5.3337-0.2727i	-1.2441-1.2936i	-0.0409-0.0790i	-1.5238+1.3942i	-1.0509-0.9566i	0.0078+0.3787i
41.2	-1.1146-0.8086i	0.8104-0.0218i	-5.1044-0.0072i	-1.2759-1.3388i	-0.0673-0.0832i	-1.6100+1.5449i	-1.0637-0.9807i	0.0188+0.4111i
41.3	-1.1027-0.7606i	0.8280-0.0624i	-5.1458+0.0687i	-1.2964-1.3226i	-0.0708-0.0916i	-1.5246+1.7525i	-1.0500-0.9406i	0.0758+0.4364i
41.4	-1.0830-0.7424i	0.8375-0.0988i	-5.2136+0.1200i	-1.2931-1.2730i	-0.0862-0.0955i	-1.4651+1.6645i	-1.0444-0.8953i	0.0799+0.4230i
41.5	-1.1010-0.7389i	0.8506-0.1344i	-5.2172-0.0485i	-1.3333-1.2351i	-0.1070-0.0925i	-1.4392+1.5323i	-1.0672-0.8804i	0.0932+0.3947i
41.6	-1.1112-0.7361i	0.8504-0.1980i	-5.3131-0.1462i	-1.3627-1.2153i	-0.1386-0.0768i	-1.4386+1.4820i	-1.0738-0.8681i	0.1075+0.3944i
41.7	-1.0948-0.7307i	0.8441-0.2322i	-5.2792-0.1489i	-1.3482-1.1834i	-0.1428-0.0543i	-1.4558+1.3942i	-1.0552-0.8365i	0.1155+0.3992i
41.8	-1.1409-0.7035i	0.8315-0.2962i	-5.0969-0.1354i	-1.4069-1.1395i	-0.1551-0.0333i	-1.4841+1.3780i	-1.0847-0.7891i	0.1374+0.4015i
41.9	-1.2061-0.7040i	0.8213-0.3256i	-5.0632-0.1235i	-1.4502-1.1446i	-0.1519-0.0248i	-1.6564+1.4441i	-1.1353-0.7824i	0.1157+0.4235i
42.0	-1.1522-0.6937i	0.7835-0.3245i	-5.3407-0.1012i	-1.3895-1.1213i	-0.1492-0.0111i	-1.6830+1.4211i	-1.0739-0.7444i	0.1183+0.4596i
42.1	-1.1423-0.7219i	0.8080-0.3381i	-5.3836-0.0294i	-1.4015-1.1345i	-0.1530+0.0068i	-1.6331+1.3849i	-1.0369-0.7525i	0.1965+0.4678i
42.2	-1.2433-0.7390i	0.8635-0.3559i	-5.2305-0.1217i	-1.5121-1.1514i	-0.1465+0.0180i	-1.6714+1.4911i	-1.1032-0.7607i	0.2610+0.4800i
42.3	-1.2883-0.6631i	0.8523-0.4332i	-5.2457-0.3846i	-1.5521-1.0644i	-0.1168+0.0113i	-1.6552+1.4674i	-1.1228-0.6985i	0.3008+0.4488i
42.4	-1.2975-0.6189i	0.8259-0.4988i	-5.1338-0.5495i	-1.5447-1.0065i	-0.1340-0.0171i	-1.8134+1.3841i	-1.0905-0.6706i	0.3275+0.3988i
42.5	-1.2952-0.5903i	0.7605-0.5297i	-5.2571-0.2394i	-1.5631-1.0138i	-0.1384-0.0002i	-1.7855+1.6272i	-1.0986-0.7038i	0.3455+0.3651i
42.6	-1.2724-0.5943i	0.7139-0.5411i	-5.4112-0.1139i	-1.5638-0.9796i	-0.1239-0.0049i	-1.6488+1.4872i	-1.0892-0.6993i	0.3567+0.3063i
42.7	-1.2733-0.5717i	0.6495-0.5963i	-5.5537-0.2387i	-1.5928-0.9123i	-0.1459-0.0110i	-1.5637+1.3604i	-1.0979-0.6771i	0.3706+0.2228i
42.8	-1.2352-0.5631i	0.5885-0.5680i	-5.7707-0.2151i	-1.5704-0.8406i	-0.1748-0.0217i	-1.5145+1.1043i	-1.1239-0.6617i	0.2959+0.1336i
42.9	-1.2575-0.5606i	0.6151-0.5424i	-5.4495-0.2412i	-1.5133-0.8396i	-0.2000+0.0147i	-1.9572+1.0956i	-1.1007-0.6251i	0.2228+0.1979i
43.0	-1.3000-0.5228i	0.6338-0.5813i	-5.1648-0.3547i	-1.5544-0.8619i	-0.1943+0.0388i	-2.0961+1.5070i	-1.0957-0.6021i	0.2820+0.2786i
43.1	-1.3042-0.4813i	0.6192-0.5924i	-5.5860-0.3690i	-1.5640-0.8118i	-0.1843+0.0299i	-2.0485+1.6332i	-1.0831-0.5909i	0.3145+0.2133i
43.2	-1.2842-0.4870i	0.6014-0.5884i	-5.8404-0.1724i	-1.5112-0.7859i	-0.2136+0.0206i	-2.0299+1.5521i	-1.0571-0.6382i	0.2412+0.1001i
43.3	-1.2925-0.4745i	0.5772-0.6189i	-5.7890-0.1748i	-1.5026-0.7933i	-0.2511+0.0986i	-2.0798+1.5454i	-1.1114-0.6399i	0.1065+0.1613i
43.4	-1.2545-0.4493i	0.5145-0.6658i	-5.5600-0.2607i	-1.4960-0.7918i	-0.2052+0.1587i	-1.9768+1.6619i	-1.1384-0.6083i	0.1041+0.2458i

43.5	-1.2458-0.5099i	0.5157-0.6618i	-5.4490-0.2622i	-1.5112-0.8340i	-0.1564+0.1381i	-1.9491+1.5935i	-1.1245-0.5859i	0.1938+0.3053i
43.6	-1.3237-0.5184i	0.5629-0.7036i	-5.6328-0.1532i	-1.5470-0.8563i	-0.1702+0.0948i	-2.3280+1.6573i	-1.1167-0.6151i	0.2420+0.2682i
43.7	-1.3311-0.4950i	0.4846-0.7226i	-5.8860-0.2985i	-1.5474-0.8899i	-0.1934+0.1143i	-2.3146+2.0277i	-1.1181-0.6591i	0.2168+0.2585i
43.8	-1.2843-0.4389i	0.4363-0.7253i	-6.0518-0.3852i	-1.5984-0.8554i	-0.1662+0.1596i	-1.7089+2.1072i	-1.1906-0.6347i	0.1996+0.2766i
43.9	-1.3172-0.4839i	0.4217-0.7943i	-5.7790-0.0916i	-1.6938-0.8635i	-0.1244+0.1638i	-1.5799+1.8726i	-1.2748-0.6278i	0.2440+0.2963i
44.0	-1.3844-0.4845i	0.3978-0.7936i	-5.5711-0.2977i	-1.7805-0.7962i	-0.1093+0.1370i	-1.6351+1.6427i	-1.3262-0.5465i	0.2885+0.2873i
44.1	-1.3920-0.4711i	0.3716-0.8356i	-5.5650-0.3454i	-1.7617-0.7215i	-0.0979+0.0779i	-1.8294+1.3907i	-1.3043-0.4643i	0.2985+0.2459i
44.2	-1.4325-0.4768i	0.2903-0.8280i	-5.7089-0.1478i	-1.7743-0.7198i	-0.1844+0.0705i	-2.1716+1.4235i	-1.2922-0.4468i	0.2380+0.2608i
44.3	-1.5004-0.4530i	0.3159-0.8265i	-5.6537-0.3313i	-1.8198-0.6979i	-0.1344+0.1450i	-2.3896+1.6643i	-1.2775-0.3885i	0.3781+0.3794i
44.4	-1.5341-0.3312i	0.2017-0.8372i	-5.6655-0.7012i	-1.8217-0.5913i	-0.1244+0.0759i	-2.3825+2.0617i	-1.2251-0.3843i	0.4575+0.1621i
44.5	-1.4642-0.2491i	0.0842-0.7545i	-5.8681-0.8182i	-1.7851-0.5580i	-0.1985+0.0726i	-1.9859+2.2293i	-1.2291-0.3953i	0.3078+0.0964i
44.6	-1.4475-0.2224i	0.0513-0.6915i	-6.0059-0.6280i	-1.7798-0.5324i	-0.2435+0.1337i	-1.9500+2.2072i	-1.2679-0.3724i	0.1952+0.1777i
44.7	-1.4071-0.2104i	0.1180-0.6101i	-6.1967-0.5075i	-1.8069-0.5325i	-0.1745+0.1837i	-1.7349+2.2722i	-1.2660-0.3301i	0.3333+0.2657i
44.8	-1.3752-0.2446i	0.1652-0.6524i	-6.5021-0.3783i	-1.8270-0.5096i	-0.1574+0.1071i	-1.5730+2.0656i	-1.2287-0.3369i	0.4095+0.1042i
44.9	-1.3710-0.3035i	0.2081-0.6430i	-6.2365-0.1455i	-1.8455-0.4791i	-0.2273+0.1035i	-1.4276+1.6902i	-1.2632-0.3616i	0.2882+0.0258i
45.0	-1.4276-0.3059i	0.2068-0.7091i	-6.0756-0.5909i	-1.8367-0.4074i	-0.2289+0.1615i	-1.9630+1.3848i	-1.2576-0.2809i	0.2676+0.0861i
45.1	-1.4847-0.2790i	0.1222-0.6832i	-6.2474-0.7837i	-1.8575-0.3832i	-0.2058+0.1785i	-2.1257+1.8251i	-1.2488-0.2862i	0.2892+0.0567i
45.2	-1.5093-0.2378i	0.1182-0.6805i	-6.2666-0.8057i	-1.8588-0.3503i	-0.2120+0.1717i	-1.8800+1.9005i	-1.2577-0.3025i	0.2286-0.0037i
45.3	-1.5159-0.2244i	0.1278-0.6958i	-6.1747-0.6732i	-1.8460-0.3528i	-0.2572+0.1670i	-2.0142+1.7880i	-1.2623-0.3099i	0.1716+0.0194i
45.4	-1.5240-0.1442i	0.1354-0.6475i	-6.5396-0.9130i	-1.8898-0.3520i	-0.2420+0.2554i	-1.9183+2.1679i	-1.3301-0.3062i	0.1668+0.1100i
45.5	-1.4604-0.2031i	0.1936-0.7275i	-6.7159-0.8818i	-1.8938-0.3127i	-0.1847+0.2074i	-1.7589+1.5783i	-1.3103-0.2467i	0.2502+0.0944i
45.6	-1.4889-0.2159i	0.0731-0.7404i	-6.6875-0.6193i	-1.8381-0.2742i	-0.2551+0.1562i	-2.2755+1.5405i	-1.2268-0.2629i	0.2257-0.0063i
45.7	-1.4882-0.1903i	0.0624-0.6910i	-6.8574-0.4765i	-1.8804-0.2988i	-0.2812+0.2296i	-2.0661+1.9048i	-1.2928-0.3152i	0.1730-0.0009i
45.8	-1.4986-0.2281i	0.0538-0.7230i	-7.0755-0.4342i	-1.8912-0.2758i	-0.2989+0.2414i	-2.1937+1.7032i	-1.3242-0.2806i	0.1171+0.0135i
45.9	-1.5010-0.2185i	0.0477-0.7011i	-6.5766-0.7752i	-1.8007-0.2500i	-0.3172+0.2711i	-2.6069+1.8445i	-1.2621-0.2367i	0.0657+0.0768i
46.0	-1.5316-0.2058i	-0.0069-0.6793i	-6.5730-0.7017i	-1.8105-0.2542i	-0.3162+0.3262i	-2.6199+2.1336i	-1.2575-0.2823i	0.0688+0.0947i
46.1	-1.6026-0.1361i	-0.0288-0.6144i	-6.7825-0.6050i	-1.8475-0.2596i	-0.3466+0.3770i	-2.7999+2.5264i	-1.2705-0.3193i	0.0804+0.1388i
46.2	-1.5735-0.0565i	0.0136-0.5272i	-6.9767-1.0462i	-1.9484-0.2783i	-0.2963+0.4554i	-2.1292+3.0589i	-1.4260-0.3844i	0.1110+0.1347i
46.3	-1.4715-0.1537i	0.1374-0.5545i	-7.5960-0.7812i	-1.9894-0.2717i	-0.2837+0.4644i	-1.6000+2.5862i	-1.5262-0.3386i	0.0854+0.1306i
46.4	-1.5216-0.3127i	0.2245-0.5609i	-7.4522-0.4979i	-1.9821-0.2529i	-0.3365+0.5729i	-1.9774+2.2537i	-1.5299-0.2412i	0.0303+0.2752i
46.5	-1.7060-0.3092i	0.4351-0.7078i	-8.0680-0.6257i	-2.0576-0.2683i	-0.1469+0.7011i	-1.8685+2.4401i	-1.5495-0.1846i	0.2523+0.4283i
46.6	-1.7684-0.1890i	0.3122-0.9797i	-8.3195-0.2250i	-2.1275-0.1733i	0.0045+0.5677i	-1.8071+2.1898i	-1.5302-0.1504i	0.4491+0.2022i
46.7	-1.7535-0.1289i	0.1246-1.0503i	-8.1901-0.1272i	-2.1305-0.0983i	0.0016+0.4832i	-1.8053+2.1300i	-1.5722-0.1385i	0.3628+0.0312i
46.8	-1.7067-0.0931i	0.0780-1.0385i	-8.2296-0.1572i	-2.0650-0.0245i	-0.0394+0.4184i	-2.0595+1.7522i	-1.5155-0.0063i	0.3071+0.0652i
46.9	-1.6941-0.1045i	-0.0211-1.0485i	-7.8299+0.0786i	-2.0364-0.0154i	-0.0891+0.4100i	-2.5132+1.8905i	-1.4214-0.0307i	0.3539-0.0034i
47.0	-1.8093-0.1258i	-0.1854-0.9266i	-7.8511+0.0134i	-2.0919+0.0097i	-0.1262+0.4361i	-2.6314+2.5827i	-1.4965-0.1143i	0.2444-0.1787i
47.1	-1.8980-0.1025i	-0.1136-0.8925i	-8.5829+0.3717i	-2.1330-0.0174i	-0.1515+0.5079i	-2.2954+2.8682i	-1.5658-0.1228i	0.1241-0.1128i
47.2	-1.9455+0.0267i	-0.0646-1.1483i	-8.7258+0.9178i	-2.2334+0.0049i	-0.0518+0.6338i	-1.8247+2.7404i	-1.6301-0.0717i	0.2017+0.0441i
47.3	-1.9268+0.0409i	-0.2887-1.2134i	-8.6139+0.8359i	-2.3238+0.0629i	0.0084+0.6067i	-1.7448+2.5087i	-1.7052-0.1030i	0.2477-0.0941i
47.4	-1.9014+0.0034i	-0.5051-1.1080i	-8.6632+0.7320i	-2.3508+0.1400i	0.0184+0.5557i	-1.7836+2.0675i	-1.7801-0.0511i	0.1794-0.1629i
47.5	-1.8748+0.0039i	-0.6616-0.9585i	-8.3328+0.6612i	-2.3156+0.2685i	0.0180+0.5219i	-1.9121+1.7612i	-1.8057+0.0418i	0.0904-0.2297i
47.6	-1.9249-0.0521i	-0.6296-0.7374i	-8.6000+0.7198i	-2.2798+0.3083i	-0.0548+0.5447i	-2.2909+1.6082i	-1.8327+0.1021i	-0.0671-0.1921i
47.7	-2.0482-0.1267i	-0.5694-0.6167i	-8.9072+0.5607i	-2.2875+0.3109i	0.0014+0.6920i	-2.6680+1.7865i	-1.8749+0.1231i	-0.0866-0.0884i
47.8	-2.1921+0.0254i	-0.4809-0.5715i	-8.7308+0.7522i	-2.2737+0.4286i	0.0711+0.7131i	-2.9220+2.1179i	-1.9006+0.2707i	-0.1514-0.0310i
47.9	-2.2498+0.1575i	-0.4219-0.5892i	-9.1904+0.8028i	-2.2624+0.4542i	0.1276+0.7959i	-3.1040+2.5876i	-1.8832+0.3522i	-0.1322+0.1168i
48.0	-2.3244+0.1812i	-0.4192-0.6071i	-8.7956+1.3036i	-2.2991+0.5318i	0.2809+0.7855i	-3.1912+2.7644i	-1.8602+0.4109i	0.0315+0.0302i
48.1	-2.3355+0.4480i	-0.4546-0.6674i	-8.8351+1.0942i	-2.2594+0.6692i	0.3796+0.6581i	-2.6526+3.0526i	-1.8641+0.5583i	-0.0655-0.0046i
48.2	-2.2381+0.5334i	-0.5457-0.6277i	-9.2141+0.8947i	-2.2197+0.7187i	0.3562+0.6243i	-2.5979+2.8973i	-1.8321+0.6418i	-0.1237+0.0684i
48.3	-2.2066+0.5489i	-0.5534-0.5215i	-9.2584+0.7742i	-2.2157+0.7642i	0.4022+0.6333i	-2.3956+2.7837i	-1.8061+0.6999i	-0.0790+0.1297i
48.4	-2.2258+0.5458i	-0.4741-0.4293i	-8.8779+1.3016i	-2.2214+0.8513i	0.4241+0.5685i	-2.4576+2.1572i	-1.7685+0.7770i	-0.0043+0.0814i
48.5	-2.1996+0.5720i	-0.4236-0.4645i	-8.8718+1.3443i	-2.1258+0.8856i	0.4787+0.5562i	-3.0401+2.1772i	-1.6887+0.7976i	0.0309+0.0392i
48.6	-2.2993+0.5490i	-0.4287-0.4657i	-9.1178+2.0619i	-2.1155+0.8853i	0.5175+0.5120i	-3.5812+2.4088i	-1.6716+0.8004i	-0.0105-0.0202i
48.7	-2.4170+0.6259i	-0.4427-0.4804i	-8.9315+1.8879i	-2.1274+0.8757i	0.5400+0.4641i	-4.0160+2.9821i	-1.6831+0.8185i	-0.0509-0.0039i
48.8	-2.4427+0.7960i	-0.4835-0.4024i	-9.1133+1.4534i	-2.1298+0.8949i	0.5767+0.3634i	-3.6201+4.1281i	-1.7172+0.8834i	-0.0882-0.0086i
48.9	-2.3682+0.8887i	-0.4352-0.3542i	-9.7824+2.0140i	-2.1041+0.9125i	0.4953+0.3137i	-2.7979+4.0291i	-1.6618+0.9146i	-0.1864+0.0155i
49.0	-2.2658+0.9240i	-0.3238-0.3495i	-10.5050+2.2652i	-2.0711+0.9515i	0.4555+0.3723i	-2.5009+3.4653i	-1.5967+1.0285i	-0.1904+0.2098i
49.1	-2.2442+1.0083i	-0.2441-0.3961i	-10.3772+2.6038i	-2.0577+1.0203i	0.5344+0.3281i	-2.6424+3.3259i	-1.5024+1.1023i	-0.0277+0.2046i
49.2	-2.1829+1.0531i	-0.2599-0.5206i	-10.2130+3.4115i	-2.0703+1.0230i	0.5209+0.2454i	-2.7307+3.3455i	-1.4786+1.0437i	-0.0230+0.0729i
49.3	-2.0777+0.9677i	-0.3278-0.5829i	-9.8392+3.1790i	-2.0410+1.0098i	0.5118+0.2517i	-2.8544+3.1900i	-1.4650+0.9948i	-0.0744+0.0233i
49.4	-2.0856+0.8808i	-0.3664-0.5316i	-9.4488+2.5852i	-1.9446+1.0590i	0.5324+0.2150i	-3.2823+3.3464i	-1.4029+1.0547i	-0.1531-0.0024i
49.5	-2.2176+0.9915i	-0.3656-0.5559i	-10.0376+2.6371i	-1.9698+1.0857i	0.5032+0.2073i	-3.1680+3.7938i	-1.3751+1.0885i	-0.2169+0.0601i
49.6	-2.2294+1.0953i	-0.3856-0.5893i	-10.0312+2.5744i	-2.0018+1.1707i	0.5211+0.1967i	-2.9374+3.6554i	-1.3824+1.1456i	-0.2117+0.1082i
49.7	-2.2318+0.9790i	-0.3551-0.6415i	-10.9347+2.7015i	-1.9211+1.1189i	0.4649+0.1582i	-3.6931+3.4450i	-1.2991+1.1270i	-0.2169+0.1232i

49.8	-2.3174+1.0021i	-0.4115-0.6617i	-10.9616+2.4767i	-1.8802+1.0685i	0.4527+0.1626i	-4.3178+4.2412i	-1.2556+1.1000i	-0.2503+0.1601i
49.9	-2.4826+1.2765i	-0.4534-0.5969i	-10.9776+3.4628i	-1.9959+1.1195i	0.5062+0.1333i	-3.4202+5.4072i	-1.2723+1.1510i	-0.2379+0.2054i
50.0	-2.3639+1.4808i	-0.5603-0.6463i	-11.4761+3.9845i	-2.0292+1.2430i	0.4999+0.0751i	-2.6978+5.1010i	-1.2860+1.2094i	-0.2380+0.2190i
50.1	-2.3184+1.4628i	-0.6663-0.5471i	-11.6605+5.0384i	-2.0785+1.2872i	0.4722+0.0772i	-2.6797+5.0551i	-1.3284+1.2488i	-0.2464+0.2356i
50.2	-2.3710+1.4653i	-0.6794-0.4717i	-11.2310+5.3205i	-2.1200+1.3448i	0.4806+0.0774i	-2.5285+5.1394i	-1.3529+1.3237i	-0.2588+0.2746i
50.3	-2.4394+1.5649i	-0.6610-0.4080i	-11.8072+5.3477i	-2.1223+1.4034i	0.4850+0.0337i	-2.2676+5.2379i	-1.3226+1.3899i	-0.2720+0.3480i
50.4	-2.4028+1.8157i	-0.5552-0.3195i	-11.8108+5.2959i	-2.0916+1.5598i	0.4849-0.0029i	-1.6318+4.9968i	-1.1999+1.5177i	-0.1974+0.4279i
50.5	-2.2942+1.8690i	-0.5307-0.3914i	-10.9902+6.0088i	-1.9939+1.6720i	0.4592-0.0328i	-1.9803+4.3722i	-1.0752+1.5429i	-0.1535+0.3422i
50.6	-2.3697+1.9162i	-0.5808-0.3561i	-10.9653+6.7015i	-1.9416+1.6409i	0.4142-0.0255i	-2.5721+4.8199i	-1.0234+1.4845i	-0.1911+0.4011i
50.7	-2.3291+2.0342i	-0.5848-0.3554i	-11.7540+7.0915i	-1.9770+1.6209i	0.4276-0.0309i	-2.1288+5.1963i	-1.0374+1.4544i	-0.1258+0.4075i
50.8	-2.1122+2.0970i	-0.5616-0.3185i	-11.0161+7.8770i	-1.9371+1.7444i	0.3790-0.0205i	-1.6423+4.6434i	-0.9842+1.5281i	-0.1254+0.3809i
50.9	-2.1900+2.0880i	-0.5103-0.3163i	-10.5675+9.1025i	-1.9712+1.7995i	0.4058-0.0053i	-1.9742+4.4594i	-0.9568+1.5735i	-0.0712+0.3862i
51.0	-2.2198+2.1621i	-0.5230-0.3954i	-11.0805+9.4310i	-2.0141+1.8291i	0.4142-0.0466i	-1.8965+4.6877i	-0.9467+1.5644i	-0.0806+0.3057i
51.1	-2.0473+2.2280i	-0.5677-0.4258i	-10.5333+9.7055i	-1.9382+1.9337i	0.3909-0.0466i	-1.9304+4.2063i	-0.8730+1.5896i	-0.1302+0.3002i
51.2	-2.0840+2.2155i	-0.6292-0.3323i	-9.5320+10.0446i	-1.8911+2.0137i	0.4230-0.0632i	-2.4237+4.2877i	-0.8443+1.6456i	-0.1657+0.3560i
51.3	-2.1582+2.2090i	-0.6665-0.2370i	-9.3084+10.2309i	-1.9039+2.0231i	0.4270-0.1058i	-2.5305+4.6957i	-0.8322+1.6447i	-0.1436+0.3976i
51.4	-2.2617+2.4491i	-0.5205-0.1567i	-9.5336+10.8175i	-1.9223+2.1491i	0.4024-0.1776i	-2.1549+4.8935i	-0.7670+1.6989i	-0.1082+0.4027i
51.5	-2.0781+2.7292i	-0.4070-0.2908i	-8.6528+11.3187i	-1.8175+2.3148i	0.3536-0.1919i	-1.9221+4.2118i	-0.6494+1.7642i	-0.1232+0.3662i
51.6	-1.9625+2.5986i	-0.5367-0.3026i	-7.8209+11.3884i	-1.7453+2.3004i	0.3568-0.1885i	-2.6276+3.9216i	-0.6299+1.7147i	-0.1721+0.3816i
51.7	-2.0574+2.6107i	-0.6583-0.1705i	-6.6261+10.8548i	-1.7253+2.3412i	0.3637-0.2234i	-3.1755+4.6461i	-0.6179+1.7244i	-0.1822+0.4620i
51.8	-2.0299+2.7359i	-0.5698-0.0935i	-6.5536+10.7359i	-1.7007+2.3905i	0.3257-0.2618i	-2.8682+4.7898i	-0.5630+1.7408i	-0.1354+0.4736i
51.9	-1.8393+2.8317i	-0.4564-0.1099i	-6.1506+11.4040i	-1.5842+2.5077i	0.2572-0.2727i	-2.9839+4.4091i	-0.4536+1.7797i	-0.1322+0.4504i
52.0	-1.6634+2.9095i	-0.3958-0.1684i	-4.6320+11.7801i	-1.4532+2.6270i	0.1904-0.2605i	-3.3446+4.4405i	-0.2917+1.8504i	-0.1247+0.4576i
52.1	-1.8058+2.8666i	-0.3175-0.0882i	-3.9622+10.9969i	-1.4178+2.6776i	0.1725-0.2940i	-3.5844+4.5388i	-0.2532+1.8283i	-0.1845+0.4928i
52.2	-1.9476+3.0004i	-0.2464-0.1385i	-3.9483+10.9928i	-1.3865+2.7349i	0.1296-0.2957i	-4.1888+4.6495i	-0.2001+1.8452i	-0.1418+0.5742i
52.3	-1.9591+3.3028i	-0.2565-0.1799i	-4.1411+11.2646i	-1.3403+2.7964i	0.0410-0.3028i	-4.4090+5.6948i	-0.1203+1.8240i	-0.0650+0.5964i
52.4	-1.6880+3.6016i	-0.2796-0.1469i	-4.1501+11.5462i	-1.2695+2.9299i	-0.0642-0.2292i	-3.8104+6.1900i	-0.0305+1.8368i	-0.0372+0.5784i
52.5	-1.5082+3.4954i	-0.1495-0.0749i	-3.0876+11.1641i	-1.1446+2.9681i	-0.0379-0.1309i	-4.0800+5.9772i	0.0659+1.8132i	-0.0240+0.6802i
52.6	-1.4995+3.5585i	0.0862-0.1499i	-2.3433+10.9128i	-1.0459+3.0007i	0.0226-0.1048i	-4.4009+6.2290i	0.1185+1.7533i	0.0917+0.6600i
52.7	-1.3070+3.7413i	0.2148-0.4936i	-1.5015+11.0321i	-0.9346+3.0095i	-0.0138-0.1199i	-4.3873+6.6982i	0.2410+1.6716i	0.2136+0.4847i
52.8	-1.1108+3.7051i	0.0934-0.7703i	-0.1981+10.1552i	-0.8226+3.0126i	-0.0201-0.1102i	-4.8146+7.0380i	0.3297+1.5367i	0.1648+0.3866i
52.9	-1.2629+3.7453i	-0.1143-0.7379i	-0.4298+9.6767i	-0.8681+3.0773i	-0.0576-0.1240i	-4.9776+7.9048i	0.2804+1.4761i	0.1117+0.3659i
53.0	-1.2453+3.9768i	-0.0620-0.6357i	-0.7972+9.7744i	-0.7545+3.2328i	-0.1488-0.0954i	-4.6780+8.4806i	0.2939+1.4311i	0.0162+0.3029i
53.1	-1.1388+4.1777i	-0.0826-0.7934i	-0.1116+9.2173i	-0.6356+3.2557i	-0.1872+0.0043i	-4.6634+9.2638i	0.2925+1.3959i	-0.0652+0.4135i
53.2	-0.8990+4.4861i	-0.1717-0.8601i	0.5213+8.9676i	-0.4911+3.3553i	-0.0935+0.0980i	-4.0039+10.3200i	0.3054+1.4209i	-0.0009+0.5485i
53.3	-0.4531+4.6752i	-0.1897-0.8291i	0.8220+9.1915i	-0.2627+3.4206i	-0.0504+0.1005i	-2.8793+10.5858i	0.3723+1.4050i	0.0840+0.4664i
53.4	0.0119+4.3767i	-0.1594-0.8368i	1.6055+8.9090i	-0.1105+3.2991i	-0.0074+0.1170i	-2.1449+9.8087i	0.3849+1.3160i	0.0460+0.3349i
53.5	-0.1286+4.1710i	-0.0720-1.0109i	2.3609+7.8544i	-0.0453+3.3291i	-0.0138+0.0330i	-2.8687+9.7531i	0.4074+1.3155i	-0.0942+0.3357i
53.6	-0.1144+4.4319i	0.1119-1.4044i	2.7315+7.6766i	0.1319+3.3600i	-0.1150+0.0872i	-3.1605+10.4152i	0.4729+1.3025i	-0.1988+0.4379i
53.7	0.1821+4.5667i	-0.3557-1.7655i	3.4819+6.7482i	0.2357+3.3261i	-0.0409+0.1809i	-2.6135+11.2695i	0.5050+1.1756i	-0.1765+0.5208i
53.8	0.5334+4.4074i	-0.6078-1.7666i	3.9050+6.6920i	0.3225+3.2927i	0.0393+0.1755i	-2.0274+10.9202i	0.4714+1.1593i	-0.1856+0.5314i
53.9	0.4203+4.1394i	-0.9975-1.8237i	4.4570+4.6269i	0.3505+3.3097i	0.0653+0.1447i	-2.5765+11.3271i	0.4486+1.1665i	-0.2511+0.6420i
54.0	0.4330+4.4159i	-1.2015-1.4522i	3.4291+3.5932i	0.5289+3.4619i	0.0747+0.1346i	-1.6957+12.3435i	0.4739+1.2006i	-0.1693+0.8279i
54.1	0.7379+4.4523i	-0.8881-1.2683i	2.6285+3.6253i	0.8171+3.3918i	0.0708+0.0774i	-0.7949+11.9297i	0.5825+1.1931i	0.0684+0.9021i
54.2	1.0909+4.5050i	-0.7259-2.1617i	3.1677+4.7372i	0.9969+3.2047i	-0.0608+0.0535i	-1.7549+12.0277i	0.7703+1.0537i	0.2920+0.5757i
54.3	1.0815+4.2846i	-1.5966-2.5307i	3.8760+3.0610i	0.9567+3.1031i	-0.0616+0.1390i	-2.0236+13.3990i	0.7009+0.8706i	0.0625+0.4646i
54.4	1.1832+4.4996i	-2.3937-2.0400i	2.1136+1.8268i	1.0897+3.2031i	-0.0338+0.1877i	-0.2669+14.9396i	0.5957+0.8476i	-0.0094+0.5827i
54.5	1.5341+4.7512i	-2.6561-1.6433i	1.6937+2.2956i	1.3189+3.2668i	-0.0160+0.2089i	1.4347+15.5764i	0.5656+0.8583i	0.0156+0.6566i
54.6	1.9926+4.6830i	-2.7029-1.2445i	2.1823+2.8860i	1.5700+3.1199i	-0.0099+0.2286i	3.0227+15.0761i	0.5882+0.8317i	0.0661+0.6665i
54.7	2.4005+4.5023i	-2.5136-1.0502i	2.7923+2.7873i	1.7048+2.9363i	-0.0024+0.2590i	4.0114+14.0984i	0.5963+0.8140i	0.1067+0.6229i
54.8	2.5390+3.7139i	-2.6505-1.4118i	3.4860+1.3507i	1.6611+2.6587i	0.0232+0.3361i	3.4935+12.9413i	0.5974+0.7011i	0.0190+0.5060i
54.9	2.3175+3.5768i	-3.3336-1.1554i	3.0156+0.0131i	1.6864+2.6560i	0.0819+0.3567i	3.6082+13.7933i	0.5521+0.6460i	-0.0703+0.5831i
55.0	2.3913+3.6647i	-3.4524-0.5452i	3.1769+0.5751i	1.8316+2.5980i	0.1398+0.3427i	4.7520+13.9780i	0.5341+0.6371i	-0.0604+0.6668i
55.1	2.6313+3.6001i	-3.4564-0.0104i	3.7740+0.8331i	1.9905+2.4510i	0.1731+0.3100i	5.8454+13.5685i	0.5527+0.6268i	-0.0364+0.7231i
55.2	2.6534+3.4446i	-3.3336+0.4162i	3.3307+0.0892i	1.9774+2.3193i	0.2099+0.2917i	6.4572+12.8769i	0.4989+0.6276i	-0.0326+0.7657i
55.3	2.8192+3.2949i	-3.0215+0.7540i	3.7543-0.4887i	2.0768+2.1638i	0.2344+0.2526i	7.2854+12.1807i	0.5153+0.6071i	0.0152+0.8172i
55.4	2.8954+3.1591i	-2.5116+0.6076i	4.4003-1.3936i	2.0454+2.0410i	0.2285+0.2243i	7.2296+11.0511i	0.5492+0.5935i	0.0908+0.8045i
55.5	2.9012+3.0189i	-2.8983+0.2577i	4.2685-3.1422i	2.0279+1.9811i	0.2171+0.2120i	6.5749+10.9538i	0.5453+0.4945i	0.0641+0.7673i
55.6	3.0174+2.9551i	-3.4666+0.8740i	4.2123-3.9814i	2.1621+1.9151i	0.2415+0.1985i	7.1933+11.5542i	0.4845+0.4439i	-0.0012+0.8364i
55.7	3.1379+2.8519i	-3.1740+1.5107i	3.5275-4.5547i	2.2261+1.8090i	0.2274+0.1915i	8.0290+11.2633i	0.4501+0.4859i	0.0477+0.9066i
55.8	3.2302+2.6977i	-2.8521+1.8992i	2.9017-5.4343i	2.2651+1.6642i	0.2037+0.1739i	8.5949+10.6776i	0.4524+0.4821i	0.1026+0.9586i
55.9	3.2421+2.5817i	-2.4203+1.8855i	2.8051-6.0338i	2.2348+1.5620i	0.1866+0.1883i	8.6656+10.0534i	0.4591+0.4587i	0.1634+0.9499i
56.0	3.2334+2.3929i	-2.4204+1.4232i	2.6080-7.4230i	2.1625+1.4899i	0.1970+0.2138i	8.3384+9.3321i	0.4588+0.3667i	0.1424+0.8840i

56.1	3.2655+2.2504i	-3.0559+1.4272i	1.6574-8.7694i	2.2035+1.4860i	0.2333+0.1634i	7.9136+9.2538i	0.3987+0.2813i	0.0470+0.9377i
56.2	3.3342+2.1269i	-2.6452+2.2204i	1.2340-8.4496i	2.3192+1.3025i	0.1891+0.1409i	8.4754+9.2489i	0.3448+0.2995i	0.1547+1.0450i
56.3	3.3905+2.0934i	-2.1488+2.4717i	0.8800-9.2808i	2.3300+1.2033i	0.1402+0.1969i	8.9361+9.1486i	0.3120+0.2923i	0.2543+1.0747i
56.4	3.4204+2.1049i	-1.8442+2.4425i	0.5178-9.3082i	2.3027+1.1711i	0.1365+0.2072i	9.0291+8.9309i	0.2731+0.3088i	0.3054+1.0930i
56.5	3.3583+1.9786i	-1.6097+2.3082i	0.0765-10.7774i	2.2228+1.0747i	0.1587+0.2832i	8.9720+8.5449i	0.2074+0.3063i	0.3302+1.0366i
56.6	3.3894+1.8553i	-1.4484+2.3845i	-0.9253-10.9389i	2.2148+0.9754i	0.2222+0.3008i	9.1802+8.2098i	0.1736+0.3056i	0.3407+1.0381i
56.7	3.5099+1.6867i	-1.2771+2.4473i	-1.4579-11.7416i	2.2513+0.8334i	0.2467+0.2637i	9.5389+7.8280i	0.1293+0.2906i	0.3892+1.0736i
56.8	3.5125+1.6387i	-1.0516+2.3707i	-1.9078-11.8687i	2.2218+0.7848i	0.2512+0.2631i	9.5402+7.6039i	0.0892+0.3015i	0.4239+1.0825i
56.9	3.5598+1.5616i	-0.8649+2.3365i	-3.5107-12.1373i	2.1983+0.7294i	0.2674+0.2884i	9.7759+7.3252i	0.0636+0.3576i	0.4715+1.0831i
57.0	3.5779+1.4510i	-0.8022+2.1561i	-3.6812-12.9911i	2.1612+0.6701i	0.2812+0.3158i	9.8210+6.9868i	0.0543+0.3782i	0.4864+1.0451i
57.1	3.5932+1.3244i	-0.9970+1.6861i	-3.7669-14.0633i	2.0905+0.6298i	0.3410+0.3214i	9.8087+6.5485i	0.0351+0.3770i	0.4515+0.9842i
57.2	3.6177+1.3266i	-1.7184+1.9621i	-5.3823-15.5333i	2.1215+0.7397i	0.3790+0.2788i	9.3384+6.6134i	-0.0419+0.3957i	0.3323+1.0781i
57.3	3.7118+1.2835i	-1.8188+2.8991i	-6.9038-16.2005i	2.2817+0.7206i	0.3521+0.2572i	9.3626+7.1073i	-0.1333+0.4687i	0.3541+1.2752i
57.4	3.6885+1.1729i	-1.0933+3.1195i	-8.7113-16.0890i	2.3096+0.5610i	0.3419+0.2838i	9.6544+6.9606i	-0.1069+0.5445i	0.4929+1.3265i
57.5	3.7246+1.1050i	-0.5312+3.0546i	-10.0530-16.4392i	2.2851+0.4554i	0.3781+0.3018i	9.9688+6.7854i	-0.0926+0.6207i	0.6083+1.3331i
57.6	3.8916+0.9772i	-0.1751+3.0016i	-10.5671-16.8736i	2.3447+0.3525i	0.4247+0.3469i	10.4623+6.5315i	-0.0653+0.7084i	0.7278+1.3386i
57.7	3.9069+0.7886i	0.0238+2.8434i	-12.1982-16.9880i	2.3256+0.2197i	0.4752+0.3596i	10.6913+5.9488i	0.0043+0.7404i	0.8091+1.3061i
57.8	3.8893+0.7152i	0.1040+2.7966i	-13.5742-17.9249i	2.2966+0.1379i	0.5040+0.3545i	10.6836+5.7445i	0.0388+0.7579i	0.8494+1.3350i
57.9	3.8644+0.7065i	0.1186+2.6665i	-14.5952-17.3728i	2.2874+0.1126i	0.5357+0.3144i	10.3882+5.6625i	0.1296+0.7513i	0.8650+1.3242i
58.0	3.8797+0.5500i	0.3924+2.7234i	-16.8017-18.4287i	2.1822-0.0229i	0.6365+0.2601i	10.8925+5.4444i	0.1138+0.7728i	0.9742+1.3626i
58.1	3.9805+0.3778i	0.6114+2.5384i	-17.3571-17.9498i	2.2010-0.1361i	0.6892+0.2282i	11.1515+5.0145i	0.1640+0.7640i	1.0874+1.3329i
58.2	3.9623+0.2376i	0.4766+2.2645i	-20.1527-17.3934i	2.1352-0.1952i	0.7215+0.1566i	10.9201+4.6771i	0.2161+0.7431i	1.1461+1.2074i
58.3	4.0343+0.2034i	0.5297+2.5483i	-22.1342-17.5085i	2.1284-0.2705i	0.7116+0.1311i	11.2735+4.8016i	0.1994+0.7462i	1.1190+1.2844i
58.4	4.1004+0.1916i	0.8423+2.5418i	-22.3311-18.6567i	2.0855-0.3136i	0.7148+0.1286i	11.6439+4.6076i	0.2016+0.7581i	1.2078+1.3954i
58.5	4.1004+0.0004i	0.7854+2.4146i	-25.0709-18.1301i	2.0109-0.3569i	0.7418+0.0691i	11.4281+4.0167i	0.2540+0.7160i	1.3048+1.3650i
58.6	4.1012-0.2965i	1.2319+2.4786i	-27.6264-16.0113i	1.9836-0.5210i	0.7331-0.0145i	11.6330+3.5315i	0.2135+0.6990i	1.5163+1.3439i
58.7	4.1911-0.4164i	1.4632+2.2951i	-27.5480-15.4282i	1.9622-0.6368i	0.7324-0.0802i	11.9023+3.4222i	0.2018+0.7186i	1.6657+1.3062i
58.8	4.2533-0.6425i	1.6089+2.0723i	-30.3691-13.7977i	1.8913-0.7158i	0.7504-0.1465i	12.1808+2.9263i	0.2349+0.7458i	1.8084+1.2021i
58.9	4.1810-0.7436i	1.7761+1.9333i	-33.3962-14.5558i	1.7585-0.7336i	0.7184-0.1569i	11.9215+2.6083i	0.2345+0.7676i	1.9156+1.1388i
59.0	4.1373-0.9071i	1.8710+1.8092i	-33.2976-12.6725i	1.6958-0.7599i	0.6862-0.2068i	11.8148+2.3695i	0.2443+0.7704i	1.9841+1.0522i
59.1	4.2331-1.0418i	1.9093+1.4952i	-36.0417-11.7855i	1.6611-0.7763i	0.6698-0.2386i	11.9864+2.2998i	0.2469+0.8003i	2.0984+0.9557i
59.2	4.1675-1.3045i	1.9717+1.2157i	-37.7342-10.4715i	1.5769-0.8315i	0.6544-0.2698i	12.1251+1.8276i	0.2810+0.8311i	2.1751+0.8006i
59.3	4.1062-1.5294i	1.9414+1.0108i	-39.0043-9.4942i	1.5208-0.8829i	0.6193-0.2942i	12.1678+1.4617i	0.3208+0.8386i	2.2267+0.6600i
59.4	4.0136-1.7664i	1.8825+0.7808i	-40.3837-6.1142i	1.4479-0.9165i	0.5715-0.3054i	12.1217+0.9698i	0.3451+0.8375i	2.2653+0.4980i
59.5	3.9694-1.9101i	1.7745+0.6334i	-40.4209-4.0409i	1.4057-0.9230i	0.5242-0.3187i	12.1418+0.6517i	0.3900+0.8429i	2.2955+0.3842i
59.6	3.8191-2.1431i	1.7209+0.4751i	-41.5253-2.8157i	1.3153-0.9655i	0.4846-0.3150i	12.1249+0.1480i	0.4474+0.8579i	2.3335+0.2375i
59.7	3.6989-2.3347i	1.6518+0.3374i	-43.4894-0.1657i	1.2439-0.9780i	0.4573-0.3109i	12.1341-0.3191i	0.4998+0.8479i	2.3559+0.0866i
59.8	3.5662-2.4587i	1.5061+0.1842i	-44.5771+4.2870i	1.1879-0.9378i	0.4529-0.3122i	11.8877-0.6275i	0.5478+0.8261i	2.3300-0.0779i
59.9	3.5539-2.6439i	1.3814+0.1759i	-46.6198+5.2213i	1.1708-0.9586i	0.4716-0.2820i	11.9126-0.8653i	0.5805+0.8646i	2.3639-0.2054i
60.0	3.4551-2.9183i	1.3243+0.1769i	-47.2971+7.7595i	1.1419-1.0045i	0.4587-0.3066i	12.0536-1.4220i	0.6310+0.8679i	2.3689-0.4032i
60.1	3.3284-3.0363i	1.2123+0.2036i	-47.0725+9.0216i	1.0978-1.0184i	0.4751-0.3005i	11.9539-1.5571i	0.6595+0.8306i	2.3583-0.4600i
60.2	3.1459-3.1164i	1.0298+0.2180i	-47.6429+11.1720i	1.0471-0.9890i	0.4847-0.2915i	11.6429-1.6359i	0.7061+0.7987i	2.3070-0.5222i
60.3	2.8605-3.3300i	0.8952+0.2766i	-46.9804+14.9669i	0.9824-1.0241i	0.4868-0.3295i	11.3620-2.1878i	0.7496+0.7227i	2.1984-0.6981i
60.4	2.6238-3.4732i	0.7746+0.3878i	-46.2931+18.6194i	0.9467-1.0202i	0.5235-0.3756i	11.1085-2.5491i	0.8015+0.6811i	2.1252-0.8426i
60.5	2.4417-3.5138i	0.7955+0.7161i	-46.0927+18.9592i	0.9137-1.0311i	0.5396-0.3552i	11.0724-2.5922i	0.8173+0.6871i	2.0983-0.7976i
60.6	2.1029-3.5880i	1.0702+0.9649i	-44.9439+21.5442i	0.8400-1.0465i	0.5494-0.3804i	11.0558-2.9825i	0.8570+0.6265i	2.0355-0.8626i
60.7	1.8255-3.4101i	1.4370+0.9995i	-43.0005+23.4360i	0.7907-0.9999i	0.5578-0.4169i	10.6599-3.0206i	0.8183+0.5671i	1.9556-0.8585i
60.8	1.6478-3.3278i	1.8588+0.8442i	-43.3361+24.4627i	0.7512-0.9644i	0.5949-0.4598i	10.4664-3.2163i	0.8320+0.5104i	1.9873-0.9493i
60.9	1.5638-3.2557i	2.1730+0.3657i	-42.5974+26.7985i	0.7427-0.9234i	0.5618-0.5654i	10.2743-3.6900i	0.8521+0.4377i	2.0327-1.1437i
61.0	1.5931-3.2837i	2.1611+0.0281i	-41.7263+28.3378i	0.7499-0.9540i	0.5488-0.6200i	10.2556-3.9151i	0.8429+0.4239i	2.0591-1.2697i
61.1	1.5847-3.3488i	2.1137-0.3129i	-40.9439+31.3748i	0.7824-0.9643i	0.5180-0.7100i	10.1230-4.1582i	0.8488+0.3846i	2.0295-1.4708i
61.2	1.3859-3.4314i	1.9467-0.6711i	-38.5785+34.5791i	0.7394-0.9810i	0.4666-0.7712i	9.8141-4.6886i	0.8461+0.3314i	1.8829-1.6847i
61.3	1.2371-3.4270i	1.7777-0.8302i	-37.6288+35.3524i	0.6883-0.9651i	0.4249-0.7670i	9.5570-4.9631i	0.8613+0.2975i	1.7693-1.7698i
61.4	1.1672-3.4463i	1.6199-0.8859i	-37.9894+35.0612i	0.6612-0.9718i	0.3971-0.7514i	9.4652-4.9033i	0.8550+0.3071i	1.6799-1.8003i
61.5	1.0881-3.4749i	1.3950-0.9506i	-35.4374+36.5602i	0.6665-0.9921i	0.3596-0.8220i	9.0771-5.0575i	0.8222+0.2739i	1.5645-1.8975i
61.6	0.9460-3.4372i	1.1920-1.0128i	-33.7310+38.4970i	0.6542-0.9655i	0.3128-0.8872i	8.6327-5.2162i	0.8079+0.2174i	1.4025-2.0097i
61.7	0.7258-3.5632i	1.0976-1.0440i	-32.1848+41.0062i	0.5993-0.9959i	0.2601-0.9245i	8.4137-5.6357i	0.8222+0.1740i	1.2504-2.1649i
61.8	0.5486-3.6460i	0.9473-1.0387i	-30.8501+41.7485i	0.5536-1.0183i	0.1884-0.9366i	8.1020-5.7281i	0.8441+0.1754i	1.1164-2.2720i
61.9	0.3432-3.6591i	0.8024-1.0816i	-28.6301+42.4555i	0.5137-1.0363i	0.0905-0.9837i	7.7465-5.9672i	0.8172+0.1453i	0.8944-2.3337i
62.0	0.1294-3.6471i	0.7174-1.0653i	-27.3740+43.1811i	0.4651-1.0225i	0.0045-1.0003i	7.4150-6.1197i	0.8160+0.0991i	0.7208-2.4084i
62.1	-0.0226-3.6382i	0.6122-0.9877i	-26.5245+45.3731i	0.4674-1.0208i	-0.1071-1.0335i	7.2177-6.0798i	0.7873+0.0915i	0.5181-2.4542i
62.2	-0.1997-3.6206i	0.5471-0.9668i	-25.5247+45.8779i	0.4418-1.0205i	-0.1658-1.0334i	7.0148-6.1141i	0.7815+0.0764i	0.3525-2.4904i
62.3	-0.4255-3.5739i	0.4982-0.9742i	-23.2527+44.8011i	0.3845-1.0371i	-0.2156-0.9963i	6.7002-6.2718i	0.7770+0.0394i	0.1708-2.4829i

62.4	-0.6744-3.3693i	0.4087-0.8834i	-20.4184+46.0566i	0.3483-1.0058i	-0.3512-0.9663i	6.1829-6.4232i	0.7448-0.0163i	-0.1306-2.3723i
62.5	-0.8376-3.2735i	0.4155-0.8838i	-17.7599+45.5942i	0.3231-1.0207i	-0.4557-0.9075i	5.9019-6.4434i	0.7262-0.0259i	-0.3046-2.3166i
62.6	-0.9593-3.2388i	0.3914-0.8591i	-17.1672+47.1356i	0.2979-1.0062i	-0.5211-0.9095i	5.7487-6.4961i	0.7107-0.0465i	-0.4470-2.3589i
62.7	-1.0658-3.0114i	0.3601-0.8279i	-14.6534+47.3528i	0.3039-0.9710i	-0.6162-0.8497i	5.3432-6.3306i	0.6471-0.0555i	-0.6755-2.1837i
62.8	-1.1631-2.8706i	0.3375-0.8302i	-14.0743+46.3693i	0.2794-0.9651i	-0.6906-0.8129i	5.0461-6.3160i	0.6173-0.0682i	-0.8187-2.0900i
62.9	-1.3851-2.7697i	0.3228-0.8395i	-12.2809+46.5392i	0.2311-0.9770i	-0.8217-0.7463i	4.7394-6.4887i	0.5869-0.1108i	-1.0881-2.0270i
63.0	-1.4680-2.5971i	0.2650-0.8313i	-12.5724+44.3785i	0.1910-0.9938i	-0.8591-0.6214i	4.5308-6.2868i	0.5761-0.1154i	-1.2031-1.8026i
63.1	-1.5231-2.5149i	0.3311-0.7946i	-11.6887+47.5894i	0.2137-0.9507i	-0.9534-0.6088i	4.3753-6.3899i	0.5262-0.1146i	-1.3634-1.7541i
63.2	-1.5685-2.3550i	0.3522-0.8499i	-8.3819+45.6616i	0.2248-0.9684i	-0.9759-0.4773i	4.1685-6.2076i	0.5007-0.0912i	-1.4459-1.5281i
63.3	-1.6764-2.1336i	0.3498-0.8629i	-5.9946+46.7900i	0.2114-0.9475i	-1.0235-0.3253i	3.8202-6.1374i	0.4794-0.0746i	-1.6054-1.2689i
63.4	-1.7680-1.9842i	0.3222-0.8659i	-5.4054+48.1531i	0.1806-0.9554i	-1.0747-0.2247i	3.6327-6.2572i	0.4591-0.0739i	-1.7243-1.0594i
63.5	-1.7827-1.8913i	0.3748-0.9024i	-3.5637+47.9312i	0.2190-0.9825i	-1.1437-0.1306i	3.5207-6.2408i	0.4346-0.0782i	-1.8398-0.8959i
63.6	-1.7473-1.7212i	0.3629-1.0105i	-0.7313+44.3672i	0.2002-1.0292i	-1.1122+0.0118i	3.2412-6.0405i	0.4236-0.0604i	-1.7653-0.6542i
63.7	-1.6611-1.5047i	0.2677-1.0630i	0.1682+42.4168i	0.1593-1.0205i	-1.0122+0.1487i	3.0317-5.7368i	0.4136-0.0061i	-1.6224-0.3867i
63.8	-1.6709-1.3828i	0.1923-1.0503i	-2.7653+41.9327i	0.1008-0.9927i	-1.0057+0.2302i	2.8588-5.6616i	0.3973-0.0012i	-1.6404-0.2513i
63.9	-1.6209-1.3318i	0.2239-1.0652i	-2.1797+41.8247i	0.0909-0.9937i	-0.9884+0.2813i	2.7546-5.6066i	0.3964-0.0042i	-1.5770-0.1879i
64.0	-1.5693-1.1491i	0.1793-1.1619i	-0.8551+41.0427i	0.0498-0.9997i	-0.8881+0.4359i	2.5633-5.5136i	0.4274+0.0133i	-1.4369+0.0643i
64.1	-1.4809-1.0512i	0.2045-1.2632i	3.5081+41.9748i	0.1080-1.0459i	-0.8753+0.5758i	2.3719-5.3410i	0.4310+0.0512i	-1.4067+0.2968i
64.2	-1.3579-0.8977i	0.1099-1.3305i	5.7194+44.2778i	0.1359-1.0267i	-0.8223+0.6934i	2.1436-5.2079i	0.4339+0.0737i	-1.3563+0.5025i
64.3	-1.3279-0.8757i	0.0133-1.4328i	3.6036+44.5379i	0.1047-1.0560i	-0.7878+0.7878i	2.1185-5.1586i	0.4087+0.0999i	-1.3398+0.6270i
64.4	-1.2254-0.8628i	-0.1367-1.4972i	4.0971+42.1204i	0.0682-1.1086i	-0.6469+0.8618i	2.0739-5.0197i	0.4220+0.1146i	-1.1300+0.7502i
64.5	-1.1523-0.8481i	-0.2469-1.5819i	11.7904+41.0961i	0.0540-1.1765i	-0.4820+0.9706i	1.8711-4.9411i	0.5014+0.1496i	-0.8758+0.9268i
64.6	-1.0828-0.8963i	-0.3709-1.5535i	10.3618+41.1517i	0.0180-1.1941i	-0.3859+0.9966i	1.8243-4.9227i	0.5350+0.1658i	-0.7328+0.9410i
64.7	-1.0311-0.9592i	-0.4191-1.4822i	9.8893+41.9292i	0.0054-1.1839i	-0.3170+0.9517i	1.7199-4.7981i	0.5499+0.1651i	-0.6513+0.8816i
64.8	-1.0228-0.9531i	-0.5220-1.4494i	9.9622+43.6431i	-0.0347-1.1861i	-0.2064+0.9614i	1.6180-4.7009i	0.5796+0.1699i	-0.5196+0.9359i
64.9	-0.9781-0.9951i	-0.6811-1.4082i	10.1845+35.8014i	-0.1374-1.2464i	-0.0442+0.9114i	1.5247-4.4408i	0.6114+0.1229i	-0.2749+0.8850i
65.0	-1.0003-1.0158i	-0.7758-1.3648i	9.7492+35.2557i	-0.1948-1.2492i	0.0476+0.8863i	1.4412-4.3832i	0.6377+0.0917i	-0.1643+0.8561i
65.1	-1.0635-1.0223i	-0.8189-1.3047i	7.7704+36.0904i	-0.2570-1.2110i	0.0933+0.8546i	1.3236-4.3440i	0.6324+0.0683i	-0.1278+0.8129i
65.2	-1.1126-1.0080i	-0.9124-1.3076i	11.8728+36.9397i	-0.2907-1.2124i	0.1949+0.8357i	1.2482-4.2964i	0.7100+0.0597i	-0.0063+0.8103i
65.3	-1.1157-0.9960i	-1.0068-1.2620i	13.5352+38.6353i	-0.3208-1.2059i	0.2978+0.7873i	1.2319-4.1487i	0.7648+0.0365i	0.1627+0.7530i
65.4	-1.1478-0.9694i	-1.0831-1.1585i	11.8769+33.0991i	-0.4174-1.1872i	0.3494+0.7006i	1.1616-3.9232i	0.7593-0.0454i	0.2351+0.6271i
65.5	-1.1916-0.9500i	-1.1400-1.0944i	15.0597+36.4162i	-0.4496-1.1809i	0.3934+0.6606i	1.0256-3.9789i	0.7898-0.0832i	0.2925+0.5875i
65.6	-1.2373-0.9391i	-1.1648-1.0328i	15.0608+36.7660i	-0.4995-1.1724i	0.3805+0.6063i	0.9511-3.9292i	0.7870-0.1442i	0.2696+0.5203i
65.7	-1.2861-0.8994i	-1.1824-0.9705i	13.8552+39.1106i	-0.5397-1.1311i	0.3764+0.5877i	0.9427-3.8898i	0.7680-0.1840i	0.2428+0.5056i
65.8	-1.3701-0.8730i	-1.2468-0.9497i	11.7992+36.1366i	-0.6386-1.1086i	0.4001+0.5738i	0.9380-3.7502i	0.7629-0.2315i	0.2532+0.4642i
65.9	-1.4112-0.8560i	-1.2827-0.9346i	10.7930+30.6926i	-0.7075-1.1123i	0.3878+0.5392i	0.9301-3.5827i	0.7546-0.2963i	0.2536+0.3720i
66.0	-1.4522-0.7561i	-1.3726-0.8855i	16.1272+27.8783i	-0.7534-1.0962i	0.4410+0.4682i	0.7883-3.3841i	0.7666-0.4032i	0.3322+0.2971i
66.1	-1.5062-0.6595i	-1.4594-0.8667i	14.2298+30.3519i	-0.7963-1.0205i	0.4851+0.4472i	0.7796-3.3547i	0.7400-0.4350i	0.3401+0.2922i
66.2	-1.4789-0.5721i	-1.5199-0.8397i	16.0671+22.9909i	-0.8261-1.0040i	0.4614+0.4076i	0.7414-3.0835i	0.6943-0.5058i	0.3457+0.2263i
66.3	-1.4766-0.4695i	-1.5393-0.8037i	18.6376+28.3592i	-0.7759-0.9584i	0.4442+0.3766i	0.6519-3.1169i	0.6880-0.5565i	0.3082+0.2005i
66.4	-1.4817-0.3698i	-1.5796-0.7012i	13.8069+35.7144i	-0.7896-0.8409i	0.4361+0.3618i	0.7259-3.2026i	0.6317-0.5528i	0.2586+0.2055i
66.5	-1.4834-0.2809i	-1.7318-0.6531i	5.9844+30.0328i	-0.8999-0.8098i	0.4471+0.3943i	0.8637-3.0516i	0.5386-0.5974i	0.2465+0.2191i
66.6	-1.4737-0.2520i	-1.8634-0.6541i	8.6028+24.2055i	-0.9492-0.8529i	0.4650+0.4472i	0.9031-2.9092i	0.4957-0.6728i	0.2229+0.2319i
66.7	-1.4022-0.1039i	-1.8663-0.4575i	17.6208+37.5250i	-0.8623-0.7314i	0.4961+0.3785i	0.6500-3.0118i	0.4867-0.6775i	0.2501+0.2066i
66.8	-1.3612-0.0700i	-1.8941-0.3795i	17.6298+36.6665i	-0.8429-0.6880i	0.4841+0.3700i	0.6785-2.9000i	0.4768-0.6893i	0.2465+0.1816i
66.9	-1.2590-0.0807i	-1.8851-0.3034i	19.9309+28.1263i	-0.8406-0.7113i	0.4843+0.3910i	0.6998-2.6546i	0.4126-0.7142i	0.2509+0.1814i
67.0	-1.2352-0.0445i	-2.0052-0.1725i	16.0854+23.5992i	-0.9240-0.7142i	0.5482+0.4224i	0.8125-2.5280i	0.3076-0.7716i	0.2675+0.2260i
67.1	-1.1993+0.0395i	-2.0321-0.0253i	14.3575+26.8768i	-0.9346-0.6630i	0.6120+0.3953i	0.7863-2.5145i	0.2222-0.7960i	0.2765+0.2263i
67.2	-1.1479+0.0511i	-2.0426+0.1451i	14.4499+30.2368i	-0.9175-0.6137i	0.6783+0.3331i	0.7728-2.5177i	0.1817-0.7515i	0.3230+0.2000i
67.3	-1.1445+0.0724i	-2.0913+0.2663i	15.4017+20.7556i	-0.9796-0.6366i	0.7404+0.3293i	0.7759-2.3575i	0.1071-0.7921i	0.3597+0.1943i
67.4	-1.0668+0.1381i	-1.9853+0.4561i	17.7224+26.5014i	-0.9317-0.5612i	0.7265+0.2537i	0.6968-2.4221i	0.0676-0.7608i	0.3620+0.1691i
67.5	-1.0063+0.1344i	-1.8874+0.5506i	19.3477+32.9015i	-0.9026-0.5223i	0.7280+0.2127i	0.6601-2.4634i	0.0275-0.7197i	0.3790+0.1655i
67.6	-0.9587+0.1470i	-1.8781+0.6189i	17.8005+26.1349i	-0.9533-0.5488i	0.7583+0.1771i	0.7293-2.2989i	-0.0687-0.7226i	0.3917+0.1570i
67.7	-0.9216+0.1547i	-1.7675+0.7077i	16.3424+21.7646i	-0.9372-0.5589i	0.7375+0.1458i	0.6910-2.1626i	-0.0901-0.7297i	0.3750+0.1231i
67.8	-0.8772+0.1568i	-1.6724+0.7845i	19.0660+22.3315i	-0.9194-0.5490i	0.7377+0.0982i	0.6549-2.0860i	-0.1178-0.7203i	0.3730+0.0961i
67.9	-0.8631+0.1472i	-1.6225+0.8345i	16.4957+20.2717i	-0.9728-0.5486i	0.7661+0.0852i	0.7327-2.0512i	-0.1890-0.7052i	0.3677+0.0969i
68.0	-0.8065+0.1589i	-1.4743+0.8992i	24.4888+28.3620i	-0.8968-0.5095i	0.7495+0.0175i	0.5651-2.0346i	-0.1876-0.6296i	0.3648+0.0871i
68.1	-0.8045+0.1527i	-1.4422+0.9484i	18.2467+23.1425i	-0.9868-0.4911i	0.7659-0.0144i	0.7331-1.9481i	-0.2732-0.6185i	0.3702+0.0504i
68.2	-0.7742+0.1509i	-1.3568+1.0073i	15.0221+24.8951i	-0.9947-0.4677i	0.7511-0.0347i	0.7956-1.9416i	-0.2931-0.6006i	0.3778+0.0290i
68.3	-0.7271+0.1460i	-1.1770+0.9695i	21.1777+25.4485i	-0.9533-0.4792i	0.7067-0.0691i	0.6409-1.8177i	-0.3041-0.5843i	0.3694+0.0050i
68.4	-0.7178+0.1571i	-1.1819+1.0311i	16.4832+24.5451i	-1.0361-0.4298i	0.7241-0.1295i	0.7977-1.8465i	-0.3744-0.5395i	0.3738-0.0266i
68.5	-0.6976+0.1423i	-1.1502+1.0128i	17.6816+24.7645i	-1.0435-0.4018i	0.7216-0.1427i	0.8450-1.7954i	-0.4054-0.4965i	0.3562-0.0376i
68.6	-0.6715+0.1448i	-1.0691+0.9910i	25.3053+24.5395i	-0.9876-0.4098i	0.6926-0.1772i	0.7475-1.6569i	-0.3670-0.4822i	0.3562-0.0662i

68.7	-0.6620+0.1461i	-0.9835+0.9399i	21.7454+20.2361i	-1.0391-0.4416i	0.6824-0.1942i	0.8187-1.4892i	-0.4133-0.4726i	0.3476-0.0692i
68.8	-0.6135+0.1496i	-0.9062+0.8887i	23.7018+18.9809i	-1.0248-0.4372i	0.6394-0.2079i	0.7894-1.3932i	-0.4254-0.4504i	0.3215-0.0794i
68.9	-0.5779+0.1794i	-0.8959+0.9113i	19.3328+22.7703i	-1.1019-0.3940i	0.6439-0.2930i	0.9796-1.4160i	-0.5142-0.4176i	0.3135-0.1253i
69.0	-0.5772+0.1737i	-0.9365+0.9330i	15.5094+18.6415i	-1.1951-0.3966i	0.6388-0.3204i	1.1636-1.4182i	-0.5716-0.3931i	0.3131-0.1489i
69.1	-0.5473+0.1517i	-0.8740+0.8970i	13.9530+17.4668i	-1.2339-0.3934i	0.5914-0.3390i	1.2514-1.3972i	-0.5797-0.3671i	0.2974-0.1687i
69.2	-0.5110+0.0844i	-0.8272+0.8272i	20.2729+20.4099i	-1.2259-0.4301i	0.5306-0.3197i	1.2690-1.3190i	-0.5725-0.3463i	0.2606-0.1693i
69.3	-0.4921+0.0619i	-0.8805+0.7727i	19.2949+18.3008i	-1.3182-0.4379i	0.4985-0.3260i	1.4346-1.2399i	-0.6368-0.3123i	0.2204-0.1765i
69.4	-0.4531+0.0523i	-0.8600+0.7633i	16.1708+21.2046i	-1.3967-0.3364i	0.4315-0.3191i	1.4518-1.3610i	-0.6768-0.2433i	0.1841-0.1835i
69.5	-0.4301+0.0189i	-0.8621+0.6994i	11.1366+22.0196i	-1.4612-0.2770i	0.3911-0.2628i	1.5681-1.4477i	-0.7179-0.2197i	0.1500-0.1556i
69.6	-0.4497-0.0180i	-0.8846+0.6837i	12.4623+21.4746i	-1.5396-0.2296i	0.3779-0.2279i	1.6816-1.4800i	-0.7273-0.2011i	0.1265-0.1476i
69.7	-0.4424-0.0455i	-0.9289+0.6976i	15.4244+18.3494i	-1.6085-0.1970i	0.3623-0.1953i	1.7891-1.4777i	-0.7628-0.1800i	0.1034-0.1424i
69.8	-0.4805-0.0623i	-1.0203+0.6217i	13.7508+15.6069i	-1.7061-0.1675i	0.4153-0.1599i	1.8965-1.4129i	-0.8240-0.1763i	0.0866-0.1259i
69.9	-0.5212-0.0660i	-1.0903+0.6423i	15.4941+15.5058i	-1.7735-0.0997i	0.4532-0.1398i	1.9961-1.3968i	-0.8564-0.1493i	0.0817-0.1120i
70.0	-0.5241-0.0734i	-1.1747+0.6480i	16.2466+17.1079i	-1.8286+0.0003i	0.4583-0.1205i	2.0993-1.4170i	-0.9082-0.1007i	0.0663-0.0850i
70.1	-0.5385-0.1042i	-1.2870+0.6677i	12.8510+16.5695i	-1.9260+0.1083i	0.4959-0.1127i	2.2979-1.5059i	-0.9921-0.0426i	0.0501-0.0889i
70.2	-0.5888-0.0862i	-1.3250+0.7394i	9.7631+17.5758i	-1.9695+0.2583i	0.5532-0.1212i	2.3169-1.6369i	-1.0464+0.0708i	0.0440-0.0513i
70.3	-0.6107-0.0985i	-1.3370+0.8065i	12.3390+19.2106i	-1.9726+0.3710i	0.5918-0.1131i	2.3592-1.7358i	-1.0470+0.1504i	0.0597-0.0352i
70.4	-0.6371-0.1125i	-1.4704+0.8861i	13.8785+18.2571i	-2.0677+0.5581i	0.6566-0.1143i	2.5766-1.8945i	-1.1189+0.2758i	0.0646-0.0127i
70.5	-0.6514-0.0897i	-1.5482+0.9896i	13.4897+22.5701i	-2.0271+0.7910i	0.6991-0.1326i	2.6138-2.1726i	-1.1328+0.4175i	0.0554+0.0118i
70.6	-0.6792-0.0823i	-1.6101+1.1020i	8.3069+20.0285i	-2.0603+0.9624i	0.7283-0.1660i	2.7180-2.3887i	-1.1371+0.5178i	0.0596+0.0190i
70.7	-0.7062-0.0793i	-1.6886+1.2482i	9.7564+20.1958i	-2.0066+1.1636i	0.7938-0.1992i	2.7914-2.6616i	-1.1290+0.6495i	0.0715+0.0518i
70.8	-0.6950-0.0559i	-1.6352+1.4642i	13.6128+26.6095i	-1.7989+1.3806i	0.8075-0.2399i	2.6455-2.9798i	-1.0422+0.7894i	0.0893+0.0842i
70.9	-0.7228+0.0079i	-1.5578+1.7181i	15.6202+29.7083i	-1.6114+1.5947i	0.8249-0.3470i	2.3977-3.2949i	-0.9462+0.9254i	0.1041+0.0643i
71.0	-0.7663+0.0633i	-1.5414+1.8862i	13.7545+32.5667i	-1.4932+1.7758i	0.8636-0.4312i	2.2697-3.5661i	-0.9125+1.0427i	0.0893+0.0614i
71.1	-0.7364+0.1383i	-1.4691+2.2659i	9.3648+30.0920i	-1.2388+2.0695i	0.8292-0.5792i	2.0768-4.0567i	-0.7843+1.2591i	0.1080+0.0774i
71.2	-0.6894+0.1617i	-1.3617+2.4768i	9.3812+29.2847i	-1.0149+2.1967i	0.7717-0.6412i	1.8226-4.3062i	-0.6673+1.3703i	0.1249+0.0857i
71.3	-0.6422+0.1537i	-1.0562+2.5190i	16.5305+33.2728i	-0.6695+2.1145i	0.7085-0.6553i	1.3050-4.3026i	-0.4876+1.3708i	0.1315+0.0829i
71.4	-0.5965+0.2007i	-0.8079+2.6376i	17.6979+37.9210i	-0.3900+2.1672i	0.6416-0.7073i	0.9283-4.4205i	-0.3306+1.4124i	0.1272+0.0701i
71.5	-0.5940+0.1987i	-0.6431+2.5754i	18.5372+36.4554i	-0.2438+2.0215i	0.6207-0.7347i	0.6295-4.2622i	-0.2399+1.3556i	0.1394+0.0659i
71.6	-0.5738+0.2040i	-0.4333+2.7014i	19.3675+35.9300i	-0.0615+2.0282i	0.5572-0.7968i	0.3498-4.3698i	-0.1206+1.4190i	0.1566+0.0607i
71.7	-0.5094+0.1914i	-0.0998+2.7295i	19.4197+34.6308i	0.2445+1.8528i	0.4734-0.8167i	-0.1777-4.1650i	0.0615+1.4024i	0.1402+0.0613i
71.8	-0.4935+0.1675i	0.0995+2.5313i	25.3023+37.1392i	0.4221+1.6201i	0.4491-0.7637i	-0.5268-3.7796i	0.1604+1.2717i	0.1307+0.0674i
71.9	-0.5418+0.1610i	0.2272+2.3799i	30.2237+38.3264i	0.4066+1.4298i	0.4346-0.7658i	-0.5865-3.4970i	0.2139+1.1940i	0.1413+0.0636i
72.0	-0.5350+0.1383i	0.2470+2.3636i	29.4174+33.1231i	0.3848+1.3727i	0.4340-0.7542i	-0.5066-3.3444i	0.2052+1.1629i	0.1345+0.0558i
72.1	-0.5092+0.1088i	0.3609+2.2748i	28.0805+31.4856i	0.4573+1.2349i	0.4014-0.7575i	-0.6606-3.1184i	0.2482+1.1198i	0.1355+0.0727i
72.2	-0.5070+0.1550i	0.5863+2.1887i	28.1431+32.1956i	0.5485+1.1479i	0.3296-0.7994i	-0.9085-2.9758i	0.3621+1.0779i	0.1287+0.0513i
72.3	-0.5258+0.1435i	0.6922+2.0450i	30.7951+30.9128i	0.6060+0.9917i	0.3311-0.7776i	-1.0576-2.7112i	0.4148+1.0219i	0.1251+0.0490i
72.4	-0.5351+0.1171i	0.7585+2.0036i	28.8904+30.8889i	0.6077+0.9185i	0.3072-0.7844i	-1.0486-2.5721i	0.4559+1.0223i	0.1318+0.0659i
72.5	-0.5862+0.1000i	0.7639+1.9594i	28.9590+27.0648i	0.5536+0.8449i	0.3258-0.7900i	-0.9409-2.4596i	0.4719+1.0107i	0.1407+0.0773i
72.6	-0.5784+0.0894i	0.7104+1.8044i	33.1015+25.7691i	0.4801+0.7394i	0.3300-0.7514i	-0.8118-2.2420i	0.4457+0.9075i	0.1375+0.0783i
72.7	-0.5849+0.1538i	0.8050+1.6886i	31.6974+31.7970i	0.5028+0.7001i	0.2804-0.7803i	-0.8579-2.1128i	0.5193+0.8478i	0.1286+0.0756i
72.8	-0.5860+0.1369i	0.8473+1.6132i	33.1859+27.8989i	0.5101+0.6364i	0.2529-0.7557i	-0.8997-1.9550i	0.5489+0.8383i	0.1209+0.0872i
72.9	-0.5933+0.1306i	0.8836+1.5597i	31.9494+25.6851i	0.4856+0.5735i	0.2194-0.8046i	-0.9078-1.8967i	0.5563+0.8669i	0.1206+0.0950i
73.0	-0.5974+0.1337i	0.9197+1.4142i	34.0322+27.2166i	0.4900+0.4289i	0.1939-0.7800i	-0.9234-1.6315i	0.5977+0.7839i	0.1278+0.1055i
73.1	-0.5480+0.1476i	0.8672+1.3393i	37.5911+28.7819i	0.4433+0.4223i	0.1634-0.7514i	-0.7831-1.5294i	0.5641+0.7287i	0.1289+0.1014i
73.2	-0.5707+0.1296i	0.8364+1.3369i	37.4495+28.3277i	0.3851+0.4293i	0.1640-0.7451i	-0.6456-1.5172i	0.5422+0.7646i	0.1300+0.1137i
73.3	-0.5656+0.1507i	0.8787+1.2416i	34.8291+27.4433i	0.3933+0.3404i	0.1218-0.7148i	-0.7094-1.2964i	0.6045+0.6951i	0.1365+0.1343i
73.4	-0.5331+0.1688i	0.8986+1.1634i	37.6117+28.9772i	0.4294+0.3205i	0.1121-0.6974i	-0.7272-1.2167i	0.6133+0.6315i	0.1290+0.1248i
73.5	-0.5141+0.1698i	0.8374+1.1477i	38.0328+25.6547i	0.3615+0.2621i	0.1155-0.7596i	-0.5747-1.1374i	0.5413+0.6430i	0.1185+0.1357i
73.6	-0.5414+0.1452i	0.7888+1.1465i	39.2469+23.8162i	0.3313+0.2651i	0.1386-0.7429i	-0.5032-1.1126i	0.5347+0.6507i	0.1147+0.1398i
73.7	-0.5725+0.1173i	0.8027+1.1334i	40.5449+23.6580i	0.3331+0.2513i	0.1502-0.7382i	-0.4881-1.1123i	0.5515+0.6882i	0.1197+0.1572i
73.8	-0.5643+0.0934i	0.8120+1.0704i	43.8759+23.9944i	0.3118+0.2305i	0.1043-0.7062i	-0.4595-1.0934i	0.5634+0.6623i	0.1217+0.1578i
73.9	-0.5552+0.1201i	0.8142+1.0264i	45.7221+26.3988i	0.3171+0.2093i	0.0954-0.7218i	-0.4297-0.9802i	0.5769+0.6322i	0.1210+0.1702i
74.0	-0.5756+0.1601i	0.8135+1.0116i	42.1678+26.5505i	0.2998+0.2349i	0.0978-0.7248i	-0.3746-0.9390i	0.5924+0.6152i	0.1251+0.1841i
74.1	-0.5800+0.1594i	0.8173+1.0126i	40.7108+22.5895i	0.3037+0.2090i	0.1064-0.7180i	-0.3527-0.8899i	0.5907+0.6052i	0.1240+0.1917i
74.2	-0.5776+0.1952i	0.8483+0.9115i	45.1025+23.9620i	0.2939+0.2115i	0.0332-0.6944i	-0.3635-0.8607i	0.6509+0.5861i	0.1399+0.1873i
74.3	-0.6211+0.1567i	0.8132+0.8671i	47.1082+21.8955i	0.2751+0.1904i	0.0433-0.6537i	-0.3215-0.7948i	0.6880+0.5985i	0.1427+0.2093i
74.4	-0.6100+0.1604i	0.7736+0.8791i	49.1195+20.1917i	0.2817+0.1807i	0.0767-0.6740i	-0.2543-0.7675i	0.6551+0.5811i	0.1370+0.2132i
74.5	-0.5643+0.2270i	0.7643+0.9008i	47.7576+20.5322i	0.2844+0.2259i	0.0397-0.7119i	-0.2565-0.8149i	0.6324+0.5383i	0.1404+0.2007i
74.6	-0.5699+0.2563i	0.7256+0.8375i	46.8740+20.5389i	0.2322+0.1968i	0.0470-0.6893i	-0.1868-0.7169i	0.6208+0.5037i	0.1481+0.2080i
74.7	-0.6071+0.1989i	0.7033+0.8161i	47.9691+16.5998i	0.2585+0.1267i	0.0955-0.6465i	-0.2465-0.5777i	0.6186+0.5075i	0.1304+0.2285i
74.8	-0.5708+0.1732i	0.6745+0.8058i	50.9022+16.0999i	0.2702+0.1272i	0.1001-0.6409i	-0.1986-0.5966i	0.5805+0.5056i	0.1189+0.2332i
74.9	-0.6067+0.1389i	0.7246+0.7967i	52.3331+18.1824i	0.2510+0.0932i	0.0643-0.6791i	-0.1626-0.5646i	0.6388+0.5862i	0.1387+0.2545i

75.0	−0.6386+0.1941i	0.7439+0.7875i	51.9203+19.3394i	0.2186+0.1079i	0.0696−0.6955i	0.0018−0.5033i	0.6814+0.5726i	0.1791+0.2682i
75.1	−0.5885+0.2423i	0.7543+0.7584i	50.9124+22.5651i	0.2508+0.1384i	0.0432−0.6921i	0.0027−0.5303i	0.6699+0.5373i	0.1864+0.2605i
75.2	−0.5997+0.2516i	0.7452+0.7649i	48.1781+21.2614i	0.2654+0.1247i	0.0773−0.6941i	0.0469−0.4927i	0.6647+0.5261i	0.1836+0.2790i
75.3	−0.6253+0.2398i	0.7026+0.7886i	51.9922+16.6455i	0.2698+0.1033i	0.1213−0.7084i	0.0563−0.4776i	0.6468+0.5426i	0.1688+0.2878i
75.4	−0.6336+0.2368i	0.6898+0.7988i	54.4256+12.0790i	0.2406+0.0009i	0.1287−0.7799i	0.0882−0.4086i	0.6251+0.5648i	0.1559+0.3072i
75.5	−0.5734+0.2194i	0.7320+0.7046i	63.4886+15.2895i	0.3393−0.0646i	0.0751−0.7375i	−0.0367−0.3465i	0.6723+0.5214i	0.1699+0.2922i
75.6	−0.5869+0.2415i	0.7815+0.6698i	61.4065+17.7846i	0.3399−0.0655i	0.0453−0.7298i	−0.0329−0.2821i	0.7264+0.5096i	0.1913+0.3128i
75.7	−0.6338+0.2870i	0.7639+0.6440i	62.9841+15.8053i	0.2870−0.0606i	0.0533−0.7448i	0.0766−0.3004i	0.7819+0.4618i	0.2247+0.3053i
75.8	−0.6088+0.2992i	0.7389+0.6819i	57.6876+14.0706i	0.2650−0.0407i	0.0687−0.7724i	0.1577−0.3795i	0.7413+0.4635i	0.2213+0.3113i
75.9	−0.5995+0.2937i	0.7255+0.6458i	62.0705+7.1105i	0.2782−0.1576i	0.0607−0.7974i	0.0478−0.2605i	0.7130+0.4398i	0.1934+0.3292i
76.0	−0.6161+0.3353i	0.7583+0.6168i	63.5099+6.3140i	0.2804−0.1577i	0.0303−0.8160i	0.0545−0.2051i	0.7777+0.4297i	0.2058+0.3376i
76.1	−0.6566+0.3199i	0.6710+0.6596i	67.8636+1.9410i	0.2468−0.2232i	0.1166−0.8549i	0.0932−0.0709i	0.7071+0.4399i	0.1824+0.3696i
76.2	−0.6665+0.3658i	0.7094+0.6273i	65.0437+6.8451i	0.2464−0.1930i	0.0737−0.8798i	0.0714−0.1090i	0.7629+0.4374i	0.2039+0.3776i
76.3	−0.6150+0.4022i	0.7561+0.6033i	65.7888+10.4582i	0.2084−0.1947i	0.0056−0.8962i	0.1925−0.1193i	0.7888+0.4218i	0.2401+0.3821i
76.4	−0.6357+0.4401i	0.7840+0.6274i	63.1479+5.6515i	0.1842−0.2218i	−0.0167−0.9463i	0.2344−0.0169i	0.8053+0.4581i	0.2483+0.4301i
76.5	−0.6928+0.4447i	0.7462+0.6168i	69.5658−5.7316i	0.1642−0.3277i	0.0144−0.9921i	0.1868+0.1388i	0.8168+0.4370i	0.2367+0.4599i
76.6	−0.7036+0.4910i	0.7447+0.6181i	70.1512−10.1046i	0.0816−0.3663i	−0.0296−1.0324i	0.2884+0.2701i	0.8490+0.4262i	0.2617+0.4865i
76.7	−0.6565+0.4841i	0.7495+0.5935i	72.4791−8.6477i	0.1260−0.4131i	−0.0641−1.0399i	0.1684+0.3208i	0.8301+0.4029i	0.2555+0.4820i
76.8	−0.6219+0.4526i	0.7647+0.5572i	78.5895−11.2202i	0.1939−0.5384i	−0.0821−1.0346i	0.0840+0.5701i	0.8501+0.3721i	0.2436+0.5030i
76.9	−0.6689+0.5159i	0.7696+0.5778i	76.1056−20.7273i	0.0617−0.5480i	−0.0894−1.0788i	0.3151+0.7908i	0.8724+0.4018i	0.2565+0.5620i
77.0	−0.6776+0.5815i	0.7648+0.5874i	70.6852−24.5587i	−0.0298−0.5392i	−0.1081−1.1271i	0.4701+0.8648i	0.8464+0.4235i	0.2831+0.6052i
77.1	−0.6807+0.6640i	0.8160+0.6358i	67.6473−32.3207i	−0.1738−0.6138i	−0.1689−1.2550i	0.6881+1.0005i	0.8329+0.4362i	0.3168+0.6764i
77.2	−0.5809+0.6537i	0.8250+0.5711i	70.9170−29.0796i	−0.1163−0.6310i	−0.2410−1.2215i	0.6562+1.1068i	0.8612+0.3963i	0.3392+0.6744i
77.3	−0.5767+0.7461i	0.8205+0.5266i	66.1884−33.7061i	−0.2628−0.5809i	−0.2956−1.2337i	0.9611+1.2951i	0.8933+0.4029i	0.3990+0.7360i
77.4	−0.5091+0.7575i	0.8286+0.4976i	67.0447−34.3248i	−0.3176−0.6311i	−0.3517−1.2703i	1.1238+1.3238i	0.8772+0.3794i	0.4254+0.7556i
77.5	−0.4027+0.7627i	0.7754+0.5032i	68.9020−41.4268i	−0.3486−0.5889i	−0.3744−1.2547i	1.4050+1.4971i	0.8265+0.4140i	0.4527+0.7987i
77.6	−0.3670+0.7886i	0.7993+0.4295i	68.1644−50.8474i	−0.4791−0.6220i	−0.4890−1.2531i	1.8386+1.6413i	0.9103+0.3558i	0.5545+0.8251i
77.7	−0.3258+0.6763i	0.8161+0.4568i	67.0757−45.6939i	−0.4204−0.6872i	−0.5249−1.2553i	1.8615+1.5293i	0.9411+0.3800i	0.5932+0.8262i
77.8	−0.2618+0.6673i	0.8179+0.4591i	56.8082−45.1572i	−0.4132−0.5824i	−0.5870−1.2938i	2.1332+1.3800i	1.0187+0.4797i	0.7064+0.8759i
77.9	−0.2846+0.6828i	0.8204+0.4387i	53.4322−50.7148i	−0.5155−0.5719i	−0.6577−1.3199i	2.4418+1.4629i	1.1018+0.5038i	0.7970+0.9320i
78.0	−0.2235+0.6355i	0.8258+0.4553i	51.9248−55.6796i	−0.5743−0.5782i	−0.7329−1.2982i	2.8016+1.4314i	1.1316+0.4981i	0.8761+0.9467i
78.1	−0.1741+0.5390i	0.7338+0.4813i	62.4846−56.2108i	−0.5536−0.5999i	−0.7553−1.2452i	2.7446+1.3653i	1.0572+0.4783i	0.8669+0.9004i
78.2	−0.2445+0.5218i	0.7053+0.4591i	56.5742−59.8761i	−0.6839−0.5508i	−0.8074−1.2217i	3.0630+1.2471i	1.1309+0.5080i	0.9886+0.9140i
78.3	−0.3181+0.4765i	0.6804+0.4272i	48.9713−59.3685i	−0.7864−0.4867i	−0.8480−1.1474i	3.2610+0.9813i	1.1906+0.4523i	1.0920+0.8595i
78.4	−0.3367+0.4705i	0.7256+0.4423i	46.7429−55.3373i	−0.7827−0.4915i	−0.9318−1.1463i	3.2754+0.8193i	1.3089+0.3700i	1.1837+0.7954i
78.5	−0.4002+0.4829i	0.7448+0.4901i	39.8114−61.8331i	−0.8612−0.4399i	−1.0001−1.1573i	3.6044+0.7627i	1.4438+0.4051i	1.3293+0.8024i
78.6	−0.3824+0.4478i	0.7981+0.5195i	33.5443−68.2380i	−0.8829−0.3304i	−1.0948−1.0689i	3.7783+0.4610i	1.5360+0.4335i	1.4399+0.7303i
78.7	−0.3766+0.4654i	0.8290+0.5047i	32.7898−64.1236i	−0.9333−0.2596i	−1.1516−0.9692i	3.8180+0.1455i	1.5020+0.2866i	1.4724+0.5865i
78.8	−0.3931+0.5059i	0.8257+0.4731i	31.3710−65.6969i	−0.9829−0.2074i	−1.1629−0.9079i	3.9976−0.0726i	1.5034+0.1624i	1.5155+0.4838i
78.9	−0.4362+0.5669i	0.8568+0.4297i	24.9073−72.2658i	−1.0102−0.0827i	−1.1701−0.8058i	3.9295−0.3755i	1.4824+0.0728i	1.5218+0.3435i
79.0	−0.4045+0.6624i	0.8079+0.4288i	12.4488−72.2082i	−0.9491+0.0466i	−1.1147−0.7643i	3.6461−0.4915i	1.3784+0.0774i	1.4341+0.2651i
79.1	−0.3518+0.5964i	0.8165+0.5441i	10.2638−57.3187i	−0.8487−0.0651i	−1.0708−0.8621i	3.8018−0.0857i	1.4296+0.2653i	1.4071+0.3992i
79.2	−0.3502+0.5879i	0.9209+0.5952i	15.1034−54.2388i	−0.8833−0.0717i	−1.1709−0.9129i	4.2306−0.1156i	1.5961+0.3313i	1.5328+0.4436i
79.3	−0.3395+0.5854i	0.9598+0.5777i	19.1855−58.4351i	−0.8837−0.0257i	−1.2277−0.8866i	4.2693−0.3285i	1.6624+0.3520i	1.5850+0.3997i
79.4	−0.2751+0.5136i	0.9587+0.5527i	25.5516−62.9658i	−0.8629−0.0395i	−1.2214−0.8537i	4.3243−0.4349i	1.6209+0.3741i	1.5765+0.3840i
79.5	−0.2738+0.5593i	0.9713+0.5274i	22.6344−61.9020i	−0.8759−0.0098i	−1.2807−0.7891i	4.5112−0.5246i	1.7771+0.2222i	1.6439+0.2792i
79.6	−0.3014+0.5281i	0.9955+0.4896i	15.6070−63.5626i	−0.9283+0.0272i	−1.3298−0.6987i	4.6130−0.8691i	1.8681+0.1078i	1.7030+0.1691i
79.7	−0.3208+0.5468i	1.0227+0.4833i	12.1114−66.0281i	−0.9824+0.0542i	−1.3575−0.7007i	4.7858−1.1129i	1.9252+0.0646i	1.7555+0.1315i
79.8	−0.3302+0.5809i	1.0721+0.4475i	7.5695−62.6556i	−0.9670+0.1022i	−1.3724−0.6220i	4.6933−1.4179i	1.9607−0.1113i	1.7425−0.0064i
79.9	−0.3257+0.5982i	1.1482+0.4077i	0.0348−62.3941i	−0.9871+0.1442i	−1.4374−0.5330i	4.8311−1.6957i	2.0465−0.3027i	1.7993−0.1346i
80.0	−0.2942+0.6354i	1.1649+0.3736i	3.8984−59.0148i	−0.9622+0.1671i	−1.4233−0.5232i	4.8945−1.7847i	2.0056−0.3823i	1.7634−0.1705i

2.1.34 Run 3 – IP315-200 – Accels 25–32

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	17.0359+0.0000i	16.8937+0.0000i	15.8674+0.0000i	15.0867+0.0000i	-11.7635+0.0000i	1.0430+0.0000i	14.4455+0.0000i	-12.0800+0.0000i
0.1	16.9400-0.1771i	16.7417+0.0645i	15.7329+0.0648i	14.9582+0.0252i	-11.6552+0.1934i	0.9645-0.3658i	14.2796+0.0117i	-12.0583-0.1219i
0.2	-0.2309-0.2873i	-0.0615+0.0709i	-0.1224+0.1856i	0.0602+0.4496i	0.1969+2.0242i	0.2382-0.4622i	0.3871+0.2277i	-0.1124+0.2113i
0.3	-0.0252+0.0184i	-0.0126+0.0150i	-0.0467+0.0024i	-0.0277-0.0110i	0.3060-0.0706i	-0.3246-0.2161i	-0.2950-0.2222i	-0.1805-0.1094i
0.4	0.0218+0.0097i	0.0051-0.0150i	-0.0133-0.0095i	0.0159+0.0759i	0.2876+0.0201i	0.0454-0.0660i	-0.0368-0.0982i	-0.1536-0.0363i
0.5	-0.0120+0.0093i	-0.0209+0.0064i	0.0118+0.0128i	0.0173+0.0475i	0.0826+0.2011i	0.0269-0.0014i	-0.0062-0.0262i	-0.0564+0.0077i
0.6	0.0002+0.0034i	-0.0191+0.0018i	0.0320+0.0015i	-0.0246+0.0148i	-0.0184+0.0235i	0.0159+0.0141i	0.0313-0.0049i	-0.0221-0.0212i
0.7	0.0013+0.0009i	-0.0300-0.0012i	0.0419+0.0080i	-0.0231+0.0186i	-0.0028-0.0108i	0.0276+0.0149i	0.0187+0.0056i	-0.0223-0.0065i
0.8	0.0016-0.0013i	-0.0414-0.0005i	0.0533+0.0190i	0.0108+0.0001i	0.0150-0.0038i	0.0265+0.0070i	0.0082-0.0018i	-0.0289-0.0014i
0.9	0.0020+0.0012i	-0.0500-0.0019i	0.0842+0.0302i	0.0120-0.0144i	0.0009+0.0045i	0.0293-0.0027i	0.0154-0.0007i	-0.0363+0.0058i
1.0	0.0007+0.0037i	-0.0533-0.0047i	0.1021+0.0249i	-0.0052-0.0010i	-0.0102+0.0104i	0.0355-0.0053i	0.0202-0.0016i	-0.0398+0.0017i
1.1	-0.0042+0.0085i	-0.0793-0.0058i	0.1601+0.0124i	-0.0185+0.0394i	-0.0200-0.0007i	0.0633-0.0123i	0.0222+0.0017i	-0.0615+0.0054i
1.2	0.0035+0.0031i	-0.1075-0.0030i	0.3165+0.0577i	-0.0025-0.0125i	0.0097-0.0121i	0.0551-0.0099i	0.0242+0.0153i	-0.0826+0.0150i
1.3	0.0046+0.0024i	-0.1377-0.0014i	0.5429+0.0979i	0.0287-0.0078i	0.0050-0.0145i	0.0743-0.0221i	0.0262-0.0037i	-0.0988+0.0245i
1.4	0.0050+0.0024i	-0.1583-0.0138i	1.3114-0.2933i	0.0580-0.0301i	-0.0083-0.0005i	0.1047-0.0207i	0.0283-0.0003i	-0.1354+0.0234i
1.5	0.0037+0.0052i	-0.2034-0.0329i	1.2215-1.8177i	0.0305-0.1248i	-0.0019+0.0184i	0.1693-0.0503i	0.0537+0.0118i	-0.2051+0.0707i
1.6	0.0033+0.0079i	-0.2752-0.0376i	-0.0126-1.7539i	-0.0234-0.0900i	0.0281-0.0214i	0.2190-0.1311i	0.0855-0.0119i	-0.2527+0.1564i
1.7	0.0049+0.0139i	-0.3676-0.0325i	-0.5697-1.2032i	-0.0341-0.0348i	0.0035-0.0880i	0.2083-0.2713i	0.0945-0.0520i	-0.2443+0.3046i
1.8	0.0127+0.0236i	-0.4931-0.0202i	-0.7140-0.9808i	-0.0451-0.0152i	-0.0632-0.1524i	0.1231-0.4565i	0.0897-0.0905i	-0.1585+0.5116i
1.9	0.0342+0.0322i	-0.6931-0.0144i	-0.9590-0.6704i	-0.0389+0.0067i	-0.1897-0.1605i	-0.1353-0.5265i	0.0667-0.1000i	0.1241+0.6015i
2.0	0.0614+0.0328i	-1.0061-0.0072i	-1.0232-0.3301i	-0.0198+0.0409i	-0.3089-0.1041i	-0.3467-0.4239i	0.0736-0.0824i	0.3617+0.4951i
2.1	0.1019+0.0212i	-1.7697+0.1007i	-0.8914-0.0857i	0.0212+0.0527i	-0.4387-0.0110i	-0.4016-0.2314i	0.1777-0.0555i	0.4169+0.2848i
2.2	0.1620+0.0076i	-3.0206+0.3419i	-0.8304-0.0079i	0.0761+0.0666i	-0.6234+0.0718i	-0.3886-0.1326i	0.3829-0.0663i	0.3901+0.1788i
2.3	0.1532-0.0686i	-2.6674+1.9310i	-0.7128+0.1060i	0.0955+0.0097i	-0.5386+0.3395i	-0.3688-0.0754i	0.3404-0.3100i	0.3804+0.1318i
2.4	-0.0866-0.0277i	2.5216+0.8228i	-0.3481+0.1158i	-0.0489-0.0586i	0.3222+0.1496i	-0.2918-0.0112i	-0.4909-0.1108i	0.3633+0.0299i
2.5	-0.0606-0.0087i	1.9408+0.3461i	-0.3212+0.0927i	-0.0472-0.0365i	0.2415+0.0823i	-0.2680+0.0120i	-0.3871-0.0281i	0.3287-0.0011i
2.6	-0.0333-0.0025i	1.3671+0.1965i	-0.3139+0.0721i	-0.0313-0.0207i	0.1591+0.0669i	-0.2480+0.0286i	-0.2885+0.0005i	0.2964-0.0180i
2.7	-0.0212-0.0005i	1.1043+0.1362i	-0.3040+0.0612i	-0.0233-0.0130i	0.1224+0.0609i	-0.2334+0.0374i	-0.2440+0.0127i	0.2768-0.0295i
2.8	-0.0134+0.0010i	0.9548+0.0905i	-0.2892+0.0548i	-0.0169-0.0052i	0.1029+0.0556i	-0.2191+0.0433i	-0.2146+0.0214i	0.2598-0.0381i
2.9	-0.0068+0.0011i	0.8332+0.0791i	-0.2693+0.0482i	-0.0133-0.0023i	0.0952+0.0531i	-0.1996+0.0501i	-0.1862+0.0261i	0.2383-0.0449i
3.0	-0.0015+0.0019i	0.7478+0.0611i	-0.2664+0.0495i	0.0010+0.0031i	0.0833+0.0516i	-0.1956+0.0628i	-0.1745+0.0355i	0.2325-0.0580i
3.1	0.0030+0.0021i	0.6924+0.0570i	-0.2584+0.0454i	0.0095-0.0010i	0.0745+0.0506i	-0.1901+0.0642i	-0.1630+0.0369i	0.2246-0.0619i
3.2	0.0072+0.0020i	0.6394+0.0509i	-0.2484+0.0414i	0.0061-0.0097i	0.0718+0.0540i	-0.1817+0.0704i	-0.1520+0.0393i	0.2148-0.0675i
3.3	0.0097+0.0030i	0.6136+0.0449i	-0.2375+0.0440i	0.0127-0.0081i	0.0786+0.0619i	-0.1699+0.0821i	-0.1410+0.0458i	0.2024-0.0791i
3.4	0.0130+0.0024i	0.5863+0.0402i	-0.2266+0.0375i	0.0192-0.0104i	0.0836+0.0609i	-0.1566+0.0822i	-0.1303+0.0448i	0.1887-0.0792i
3.5	0.0161+0.0024i	0.5619+0.0350i	-0.2214+0.0316i	0.0214-0.0028i	0.0838+0.0572i	-0.1509+0.0819i	-0.1256+0.0429i	0.1829-0.0794i
3.6	0.0188+0.0023i	0.5421+0.0332i	-0.2187+0.0272i	0.0256-0.0011i	0.0868+0.0539i	-0.1469+0.0792i	-0.1217+0.0412i	0.1793-0.0775i
3.7	0.0219+0.0016i	0.5237+0.0335i	-0.2130+0.0234i	0.0317-0.0106i	0.0930+0.0509i	-0.1384+0.0788i	-0.1160+0.0390i	0.1707-0.0773i
3.8	0.0249+0.0019i	0.5099+0.0328i	-0.2111+0.0234i	0.0395-0.0096i	0.0958+0.0532i	-0.1413+0.0872i	-0.1151+0.0423i	0.1718-0.0860i
3.9	0.0276+0.0032i	0.4957+0.0313i	-0.2113+0.0227i	0.0526-0.0139i	0.0981+0.0587i	-0.1412+0.1000i	-0.1165+0.0444i	0.1725-0.0987i
4.0	0.0315+0.0034i	0.4860+0.0295i	-0.2115+0.0205i	0.0518-0.0149i	0.1013+0.0570i	-0.1305+0.0973i	-0.1191+0.0432i	0.1625-0.0953i
4.1	0.0357+0.0029i	0.4791+0.0301i	-0.2009+0.0171i	0.0526-0.0201i	0.1202+0.0482i	-0.1098+0.0863i	-0.1090+0.0424i	0.1429-0.0870i
4.2	0.0383+0.0026i	0.4721+0.0306i	-0.1992+0.0112i	0.0529-0.0197i	0.1248+0.0413i	-0.1167+0.0797i	-0.1079+0.0391i	0.1488-0.0816i
4.3	0.0420+0.0019i	0.4640+0.0340i	-0.1988+0.0084i	0.0655-0.0228i	0.1327+0.0327i	-0.1181+0.0901i	-0.1105+0.0414i	0.1497-0.0902i
4.4	0.0474+0.0015i	0.4586+0.0371i	-0.1978+0.0080i	0.0743-0.0245i	0.1402+0.0272i	-0.1058+0.1006i	-0.1117+0.0523i	0.1387-0.1012i
4.5	0.0515+0.0016i	0.4581+0.0333i	-0.1985+0.0046i	0.0775-0.0287i	0.1412+0.0223i	-0.0990+0.0810i	-0.1100+0.0419i	0.1323-0.0834i
4.6	0.0540+0.0015i	0.4556+0.0319i	-0.2011+0.0043i	0.0853-0.0315i	0.1398+0.0218i	-0.1174+0.0789i	-0.1168+0.0402i	0.1514-0.0801i
4.7	0.0568+0.0014i	0.4541+0.0324i	-0.1982+0.0020i	0.0823-0.0381i	0.1475+0.0185i	-0.1248+0.0817i	-0.1129+0.0373i	0.1591-0.0825i
4.8	0.0622+0.0003i	0.4463+0.0364i	-0.1984+0.0034i	0.0948-0.0519i	0.1605+0.0112i	-0.1443+0.0949i	-0.1353+0.0536i	0.1814-0.0983i
4.9	0.0670+0.0004i	0.4419+0.0378i	-0.2022+0.0038i	0.1144-0.0612i	0.1680+0.0057i	-0.1535+0.1113i	-0.1489+0.0618i	0.1904-0.1144i
5.0	0.0735-0.0009i	0.4436+0.0422i	-0.1957-0.0036i	0.1098-0.0709i	0.1858-0.0133i	-0.1594+0.1248i	-0.1512+0.0627i	0.1997-0.1313i
5.1	0.0765-0.0009i	0.4462+0.0472i	-0.1983-0.0053i	0.1029-0.0790i	0.1922-0.0207i	-0.1727+0.1362i	-0.1692+0.0662i	0.2148-0.1436i
5.2	0.0821-0.0025i	0.4470+0.0521i	-0.1998-0.0067i	0.1109-0.0964i	0.2094-0.0317i	-0.1670+0.1841i	-0.1835+0.0856i	0.2113-0.1925i
5.3	0.0863-0.0029i	0.4509+0.0571i	-0.1996-0.0074i	0.1059-0.1050i	0.2136-0.0515i	-0.1720+0.2181i	-0.1921+0.1100i	0.2184-0.2291i
5.4	0.0916-0.0046i	0.4564+0.0661i	-0.2019-0.0091i	0.0930-0.1111i	0.2219-0.0823i	-0.1530+0.2544i	-0.2053+0.1495i	0.2013-0.2732i
5.5	0.0971-0.0078i	0.4663+0.0729i	-0.2029-0.0140i	0.0822-0.1141i	0.2204-0.1235i	-0.1046+0.2651i	-0.1941+0.1765i	0.1505-0.2911i
5.6	0.0998-0.0095i	0.4757+0.0790i	-0.2030-0.0128i	0.0754-0.1168i	0.2154-0.1491i	-0.0907+0.2808i	-0.1809+0.2103i	0.1357-0.3095i

5.7	0.1094-0.0093i	0.4872+0.0807i	-0.2063-0.0188i	0.0696-0.1145i	0.2341-0.1886i	-0.0120+0.3016i	-0.1890+0.2343i	0.0587-0.3360i
5.8	0.1160-0.0121i	0.4939+0.0878i	-0.2108-0.0207i	0.0876-0.1116i	0.2320-0.2513i	0.0261+0.3134i	-0.1850+0.2961i	0.0187-0.3569i
5.9	0.1144-0.0183i	0.5146+0.0958i	-0.2143-0.0193i	0.0855-0.1090i	0.1593-0.3104i	0.0661+0.3124i	-0.1113+0.3624i	-0.0342-0.3647i
6.0	0.1070-0.0208i	0.5446+0.0921i	-0.2197-0.0196i	0.0780-0.0792i	0.0379-0.3317i	0.0910+0.2608i	-0.0044+0.3763i	-0.0767-0.3152i
6.1	0.1071-0.0179i	0.5705+0.0801i	-0.2257-0.0196i	0.0965-0.0619i	-0.0372-0.3033i	0.1021+0.2076i	0.0672+0.3371i	-0.0998-0.2581i
6.2	0.1047-0.0126i	0.5868+0.0722i	-0.2278-0.0192i	0.1082-0.0502i	-0.0824-0.2621i	0.1018+0.1849i	0.1100+0.2980i	-0.1079-0.2300i
6.3	0.1035-0.0071i	0.5998+0.0658i	-0.2289-0.0171i	0.1237-0.0481i	-0.1116-0.2185i	0.0909+0.1523i	0.1360+0.2589i	-0.1038-0.1933i
6.4	0.1042+0.0053i	0.6223+0.0607i	-0.2304-0.0173i	0.1508-0.0422i	-0.0864-0.1673i	0.1235+0.1716i	0.1322+0.2115i	-0.1347-0.2049i
6.5	0.0963+0.0161i	0.6418+0.0615i	-0.2356-0.0184i	0.1721-0.0398i	-0.0886-0.1639i	0.1236+0.1681i	0.1297+0.2002i	-0.1362-0.1958i
6.6	0.0899+0.0347i	0.6812+0.0503i	-0.2414-0.0190i	0.1929-0.0396i	-0.0870-0.1614i	0.1535+0.1354i	0.1332+0.1799i	-0.1710-0.1602i
6.7	0.0789+0.0546i	0.7265+0.0340i	-0.2436-0.0188i	0.2187-0.0217i	-0.0844-0.1524i	0.1826+0.1174i	0.1447+0.1699i	-0.1983-0.1376i
6.8	0.0352+0.0934i	0.7924+0.0056i	-0.2485-0.0180i	0.2628-0.0163i	-0.1242-0.1644i	0.1531+0.0952i	0.1698+0.1813i	-0.1791-0.1134i
6.9	-0.0106+0.2078i	0.8635-0.0706i	-0.2517-0.0132i	0.3005-0.0196i	-0.1943-0.1432i	0.1302+0.0880i	0.2298+0.1628i	-0.1759-0.0928i
7.0	-0.0510+0.4155i	0.9409-0.2024i	-0.2552-0.0080i	0.3200-0.0297i	-0.2821-0.0929i	0.1311+0.0933i	0.3097+0.1211i	-0.1981-0.0679i
7.1	0.2133+0.7709i	0.8502-0.4611i	-0.2559+0.0024i	0.3833-0.0429i	-0.3140+0.0896i	0.1617+0.0292i	0.3501-0.0810i	-0.2115+0.0602i
7.2	0.7454+0.7943i	0.5676-0.5359i	-0.2489+0.0083i	0.4363-0.0478i	-0.1470+0.3145i	0.0548+0.0055i	0.1648-0.3050i	-0.0247+0.1188i
7.3	1.0386+0.5645i	0.4159-0.4438i	-0.2450+0.0038i	0.5051-0.0671i	0.1118+0.3240i	-0.0410+0.0639i	-0.1218-0.3059i	0.1340+0.0358i
7.4	1.1506+0.3078i	0.3430-0.3136i	-0.2384-0.0019i	0.5204-0.1183i	0.2326+0.1312i	0.0489+0.1589i	-0.2133-0.0735i	0.0603-0.1132i
7.5	1.1730+0.0452i	0.3503-0.1487i	-0.2416-0.0091i	0.5541-0.1588i	0.1942-0.0484i	0.1530+0.0982i	-0.1443+0.0809i	-0.0552-0.0998i
7.6	1.1411-0.0794i	0.4366-0.0813i	-0.2525-0.0079i	0.6419-0.1785i	0.1371-0.0764i	0.1333+0.0814i	-0.0974+0.1018i	-0.0518-0.0890i
7.7	1.1490-0.1480i	0.5009-0.0748i	-0.2580-0.0058i	0.7259-0.2169i	0.1186-0.0957i	0.1140+0.0746i	-0.0935+0.1195i	-0.0382-0.0877i
7.8	1.1958-0.2367i	0.5581-0.0888i	-0.2571-0.0035i	0.7978-0.2939i	0.1401-0.1244i	0.1459+0.0664i	-0.1085+0.1408i	-0.0660-0.0855i
7.9	1.2248-0.3044i	0.5716-0.0926i	-0.2546-0.0052i	0.8066-0.3532i	0.1544-0.1883i	0.1785+0.0398i	-0.1074+0.1949i	-0.0967-0.0663i
8.0	1.2672-0.3912i	0.6072-0.0853i	-0.2531-0.0025i	0.8466-0.4250i	0.1064-0.2751i	0.1485+0.0127i	-0.0700+0.2748i	-0.0690-0.0521i
8.1	1.3182-0.4870i	0.6548-0.0828i	-0.2529-0.0025i	0.9108-0.4927i	-0.0292-0.3312i	0.0935+0.0219i	0.0360+0.3357i	-0.0313-0.0769i
8.2	1.3777-0.5548i	0.7006-0.0809i	-0.2582-0.0043i	0.9871-0.5331i	-0.1253-0.3476i	0.1024+0.0154i	0.1281+0.3511i	-0.0547-0.0778i
8.3	1.5085-0.6446i	0.7753-0.0923i	-0.2601-0.0080i	1.1334-0.5997i	-0.2062-0.3464i	0.1195+0.0344i	0.2082+0.3642i	-0.0777-0.1051i
8.4	1.6175-0.7644i	0.8412-0.1206i	-0.2574-0.0096i	1.2270-0.7099i	-0.2963-0.3098i	0.1097+0.0219i	0.2960+0.3290i	-0.0799-0.0902i
8.5	1.8019-0.9201i	0.9288-0.1627i	-0.2592-0.0106i	1.4296-0.8776i	-0.4193-0.2495i	0.0924+0.0007i	0.4076+0.2674i	-0.0789-0.0625i
8.6	1.9669-1.2176i	0.9984-0.2608i	-0.2639-0.0133i	1.6081-1.1610i	-0.4600-0.1309i	0.1055+0.0274i	0.4423+0.1736i	-0.0921-0.0738i
8.7	2.1509-1.5262i	1.0790-0.3600i	-0.2628-0.0191i	1.7757-1.4620i	-0.5027-0.0445i	0.1386+0.0046i	0.4967+0.1022i	-0.1267-0.0489i
8.8	2.4128-1.9473i	1.1770-0.4823i	-0.2629-0.0184i	2.0092-1.8647i	-0.5447+0.0607i	0.1288-0.0164i	0.5413+0.0202i	-0.1175-0.0240i
8.9	2.6074-2.7138i	1.2588-0.7120i	-0.2537-0.0253i	2.1707-2.5929i	-0.5392+0.1897i	0.0560-0.0159i	0.5969-0.1201i	-0.0416-0.0236i
9.0	2.3158-3.5487i	1.1981-0.9815i	-0.2587-0.0405i	1.8435-3.4053i	-0.5124+0.3140i	0.0436+0.0451i	0.5686-0.3074i	-0.0311-0.0780i
9.1	1.6708-4.1301i	0.9971-1.1702i	-0.2902-0.0534i	1.1258-3.8821i	-0.4471+0.4123i	0.1304+0.0794i	0.4354-0.4325i	-0.1192-0.1060i
9.2	1.5040-5.5574i	0.9705-1.5745i	-0.3123-0.0483i	0.9849-5.0689i	-0.4308+0.6184i	0.1614+0.0179i	0.4015-0.5506i	-0.1467-0.0476i
9.3	-0.6345-6.5890i	0.3823-1.8931i	-0.3145-0.0262i	-0.9429-6.0044i	-0.1439+0.8086i	0.0897-0.0140i	0.1584-0.7435i	-0.0792-0.0071i
9.4	-3.1310-5.6670i	-0.3477-1.6613i	-0.3125-0.0106i	-3.2220-5.1636i	0.2121+0.7485i	0.0959-0.0151i	-0.1592-0.6922i	-0.0867-0.0040i
9.5	-3.9346-4.0070i	-0.5875-1.2007i	-0.3011-0.0142i	-3.9558-3.6054i	0.3612+0.5511i	0.1206+0.0075i	-0.3096-0.5091i	-0.1073-0.0293i
9.6	-3.7851-2.7859i	-0.5576-0.8517i	-0.2964-0.0142i	-3.8362-2.4560i	0.3844+0.3705i	0.1347+0.0037i	-0.3351-0.3481i	-0.1169-0.0251i
9.7	-3.5357-1.9638i	-0.5013-0.6089i	-0.2971-0.0182i	-3.5881-1.6550i	0.3837+0.2565i	0.1523-0.0214i	-0.3208-0.2241i	-0.1336-0.0023i
9.8	-3.1293-1.5010i	-0.3838-0.4675i	-0.2870-0.0274i	-3.1638-1.1963i	0.3223+0.1825i	0.1614-0.0204i	-0.2967-0.1442i	-0.1374-0.0016i
9.9	-2.9224-1.2619i	-0.3180-0.3771i	-0.2768-0.0215i	-2.9730-1.0052i	0.2940+0.1404i	0.1463-0.0220i	-0.2808-0.0936i	-0.1150+0.0026i
10.0	-2.7176-1.0549i	-0.2482-0.2922i	-0.2573-0.0246i	-2.7550-0.7971i	0.2628+0.1026i	0.1171-0.0261i	-0.2513-0.0593i	-0.0862+0.0117i
10.1	-2.5878-0.9261i	-0.1967-0.2432i	-0.2396-0.0573i	-2.5920-0.6584i	0.2505+0.0689i	0.1017-0.0345i	-0.2467-0.0720i	-0.0702+0.0161i
10.2	-2.5136-0.8443i	-0.1470-0.2184i	-0.2479-0.0960i	-2.5463-0.6103i	0.2493+0.0568i	0.1174-0.0452i	-0.2307-0.0383i	-0.0933+0.0165i
10.3	-2.4744-0.7475i	-0.1123-0.1882i	-0.2636-0.1213i	-2.4997-0.5097i	0.2140+0.0225i	0.1015-0.0383i	-0.2418-0.0201i	-0.0684+0.0175i
10.4	-2.4160-0.6172i	-0.0848-0.1574i	-0.2842-0.1394i	-2.4058-0.3542i	0.1886+0.0117i	0.0907-0.0403i	-0.2122-0.0153i	-0.0612+0.0187i
10.5	-2.3722-0.5116i	-0.0491-0.1329i	-0.2982-0.1659i	-2.3382-0.2449i	0.1583+0.0241i	0.0914-0.0314i	-0.2134+0.0063i	-0.0597+0.0069i
10.6	-2.3066-0.3947i	-0.0089-0.1046i	-0.3296-0.1782i	-2.2516-0.1551i	0.1552+0.0466i	0.0937-0.0281i	-0.1859+0.0211i	-0.0669+0.0105i
10.7	-2.2433-0.2874i	0.0225-0.0792i	-0.3500-0.1980i	-2.1650-0.0795i	0.1457+0.0747i	0.0978-0.0191i	-0.1876+0.0624i	-0.0646+0.0016i
10.8	-2.1639-0.2357i	0.0611-0.0675i	-0.3687-0.2139i	-2.0863-0.0211i	0.1562+0.0831i	0.1124-0.0168i	-0.1700+0.0728i	-0.0751-0.0008i
10.9	-2.1017-0.2138i	0.0931-0.0593i	-0.3957-0.2205i	-2.0044-0.0119i	0.1732+0.0881i	0.1245-0.0062i	-0.1505+0.0748i	-0.0860-0.0082i
11.0	-2.0621-0.1812i	0.1248-0.0567i	-0.4214-0.2352i	-1.9427-0.0101i	0.1939+0.1092i	0.1385-0.0113i	-0.1286+0.0832i	-0.0947-0.0064i
11.1	-2.0564-0.1500i	0.1532-0.0570i	-0.4364-0.2377i	-1.9485+0.0190i	0.2186+0.0728i	0.1456-0.0219i	-0.1156+0.0686i	-0.0998+0.0033i
11.2	-2.0529-0.1499i	0.1754-0.0503i	-0.4562-0.2326i	-1.9376-0.0328i	0.2506+0.0487i	0.1728-0.0385i	-0.0962+0.0506i	-0.1280+0.0167i
11.3	-2.0288-0.1265i	0.2037-0.0534i	-0.4609-0.2594i	-1.9055+0.0221i	0.2541+0.0458i	0.1708-0.0471i	-0.0939+0.0398i	-0.1196+0.0269i
11.4	-2.0291-0.1072i	0.2247-0.0519i	-0.4717-0.2829i	-1.8743+0.0293i	0.2683+0.0468i	0.1835-0.0434i	-0.1033+0.0386i	-0.1238+0.0303i
11.5	-2.0448-0.0975i	0.2471-0.0488i	-0.4890-0.3053i	-1.8675-0.0007i	0.2911+0.0391i	0.2104-0.0406i	-0.1090+0.0326i	-0.1448+0.0296i
11.6	-2.0619-0.0736i	0.2698-0.0487i	-0.4992-0.3383i	-1.8841+0.0064i	0.2991+0.0119i	0.2206-0.0451i	-0.1144+0.0259i	-0.1524+0.0331i
11.7	-2.0951-0.0704i	0.2955-0.0519i	-0.5265-0.3757i	-1.9281+0.0015i	0.3291+0.0053i	0.2399-0.0354i	-0.1021+0.0275i	-0.1709+0.0179i
11.8	-2.1414-0.0709i	0.3154-0.0583i	-0.5311-0.4311i	-1.9732-0.0090i	0.3526-0.0382i	0.2636-0.0537i	-0.1094-0.0007i	-0.1906+0.0408i
11.9	-2.2063-0.0463i	0.3396-0.0664i	-0.5614-0.5054i	-2.0207+0.0094i	0.3437-0.0802i	0.2785-0.0812i	-0.1492-0.0131i	-0.1942+0.0666i

12.0	-2.2754-0.0099i	0.3625-0.0697i	-0.6013-0.5811i	-2.0609+0.0185i	0.3372-0.1117i	0.2983-0.1092i	-0.1743-0.0160i	-0.1998+0.0928i
12.1	-2.3514-0.0073i	0.3859-0.0717i	-0.6381-0.6822i	-2.1077+0.0212i	0.3361-0.1277i	0.3324-0.1150i	-0.1995-0.0183i	-0.2165+0.0936i
12.2	-2.4931+0.0308i	0.4154-0.0805i	-0.6840-0.8104i	-2.2052+0.0601i	0.3295-0.1686i	0.3478-0.1492i	-0.2327-0.0163i	-0.2188+0.1136i
12.3	-2.6523+0.0622i	0.4405-0.0910i	-0.7272-0.9875i	-2.2996+0.0877i	0.3099-0.1913i	0.3729-0.1957i	-0.2672-0.0084i	-0.2358+0.1482i
12.4	-2.8056+0.1542i	0.4469-0.1051i	-0.8873-1.2254i	-2.3819+0.1145i	0.2828-0.2168i	0.3750-0.2274i	-0.3359+0.0023i	-0.2167+0.1867i
12.5	-2.9683+0.2993i	0.4630-0.1059i	-1.1862-1.4394i	-2.4666+0.1600i	0.3046-0.2009i	0.4029-0.2453i	-0.3587+0.0538i	-0.2117+0.1834i
12.6	-3.2153+0.4799i	0.4862-0.1032i	-1.6006-1.8501i	-2.6337+0.2246i	0.3326-0.2312i	0.4506-0.3308i	-0.3909+0.0889i	-0.2444+0.2562i
12.7	-3.3644+0.6711i	0.5097-0.1020i	-2.0728-2.0850i	-2.7497+0.2840i	0.3327-0.2406i	0.4499-0.3769i	-0.4354+0.1277i	-0.2223+0.2924i
12.8	-3.5856+1.0137i	0.5478-0.0777i	-3.1763-2.1976i	-2.8617+0.3534i	0.3621-0.3172i	0.5058-0.4627i	-0.4982+0.1483i	-0.2432+0.3374i
12.9	-3.6965+1.2998i	0.5786-0.0739i	-4.0098-1.8871i	-2.9601+0.4092i	0.3266-0.4136i	0.4973-0.5611i	-0.5241+0.1899i	-0.2099+0.3842i
13.0	-3.9334+1.7711i	0.6414-0.0688i	-5.3153-1.0959i	-3.1280+0.5121i	0.2551-0.5118i	0.5485-0.6852i	-0.5757+0.3426i	-0.2460+0.4039i
13.1	-4.0519+2.1514i	0.6789-0.0326i	-6.0250-0.3124i	-3.2359+0.4181i	0.1494-0.5255i	0.5568-0.8044i	-0.6090+0.3895i	-0.2572+0.4735i
13.2	-4.2643+2.9097i	0.7456-0.0059i	-6.9501+1.2685i	-3.4981+0.4361i	-0.0297-0.5527i	0.5831-1.0882i	-0.6053+0.5952i	-0.2899+0.6409i
13.3	-4.4037+3.8921i	0.8583+0.0794i	-7.5619+3.2403i	-3.9817+0.2421i	-0.2405-0.4278i	0.5155-1.5957i	-0.4821+0.6357i	-0.2618+1.0759i
13.4	-3.5817+5.1994i	1.1245+0.1580i	-6.4342+6.0986i	-4.9188+0.4404i	-0.4087-0.1028i	-0.4778-2.0060i	-0.5863+0.6202i	0.6969+1.3752i
13.5	-2.3450+5.8014i	1.5386+0.1061i	-4.1092+7.6878i	-6.0184+1.2465i	-0.1537+0.1346i	-0.9971-1.4794i	-0.5976+1.0960i	0.9970+0.7059i
13.6	-0.6627+5.9671i	2.0605-0.3164i	-0.8819+8.1693i	-6.9530+3.0885i	0.2292+0.1073i	-1.1853-1.0683i	-0.1306+1.4036i	0.8377+0.3314i
13.7	0.3359+5.3678i	2.5063-1.0225i	1.3598+7.1288i	-7.4634+5.3277i	0.5960-0.0858i	-1.2404-0.6970i	0.2234+1.3439i	0.7266+0.1461i
13.8	0.5662+4.7070i	2.6493-1.6974i	2.1533+5.8935i	-7.4034+7.0583i	0.7137-0.3845i	-1.2536-0.4094i	0.3071+1.2639i	0.7285-0.0038i
13.9	0.6494+4.4196i	2.4613-2.6688i	2.5180+4.7333i	-6.4535+9.5593i	0.6431-0.8455i	-1.2045-0.2316i	0.4115+1.2603i	0.7035-0.0612i
14.0	1.0698+4.2881i	1.5023-3.4766i	2.5797+3.7162i	-3.3310+11.4163i	0.3069-1.1194i	-1.0494-0.0540i	0.6548+1.1899i	0.5618-0.1685i
14.1	1.4395+4.0962i	0.3972-3.8619i	2.5647+3.0499i	-0.0410+12.1364i	-0.0712-1.2471i	-0.8635+0.0934i	0.8944+1.1269i	0.3698-0.2759i
14.2	1.9271+3.7648i	-0.7609-3.5891i	2.5760+2.5160i	3.2746+10.9874i	-0.5029-1.0725i	-0.7400+0.1793i	1.1209+0.9356i	0.2574-0.3058i
14.3	2.4275+3.1936i	-1.5219-2.7778i	2.5165+1.9952i	5.3779+8.4190i	-0.7026-0.7645i	-0.6522+0.1470i	1.2142+0.6074i	0.2037-0.1817i
14.4	2.6567+2.5336i	-1.7606-1.9879i	2.3604+1.5491i	5.9838+5.9900i	-0.7455-0.5052i	-0.6187+0.1270i	1.1742+0.3453i	0.2156-0.0961i
14.5	2.6460+1.8328i	-1.7315-1.2574i	2.1221+1.1638i	5.7777+3.7168i	-0.7256-0.2479i	-0.6016+0.1830i	1.0791+0.1559i	0.2571-0.1144i
14.6	2.4902+1.5762i	-1.6368-0.9833i	1.9558+1.0138i	5.4193+2.8892i	-0.7224-0.1373i	-0.5793+0.2082i	1.0405+0.0576i	0.2520-0.1243i
14.7	2.4398+1.2929i	-1.4374-0.6996i	1.7760+0.8830i	4.7921+1.9782i	-0.5948+0.0217i	-0.5206+0.2439i	0.9448-0.0939i	0.2332-0.1228i
14.8	2.3156+0.8584i	-1.2475-0.5501i	1.6365+0.8099i	4.1558+1.4265i	-0.4453+0.0012i	-0.4176+0.2548i	0.8281-0.1533i	0.1855-0.1329i
14.9	1.8879+0.5558i	-1.1164-0.4861i	1.5468+0.7376i	3.6001+1.2303i	-0.4582-0.0593i	-0.3373+0.2194i	0.7534-0.1424i	0.1297-0.1228i
15.0	1.6372+0.4897i	-1.0739-0.4187i	1.4686+0.6664i	3.3892+1.0860i	-0.4943-0.0399i	-0.3032+0.1745i	0.7290-0.1543i	0.1038-0.0842i
15.1	1.4463+0.5129i	-1.0193-0.3295i	1.3860+0.6148i	3.1907+0.9279i	-0.5129+0.0375i	-0.2945+0.1390i	0.7126-0.1679i	0.1006-0.0563i
15.2	1.2813+0.5177i	-0.9165-0.2550i	1.3040+0.5402i	2.8895+0.7525i	-0.4820+0.1179i	-0.3219+0.1179i	0.6675-0.1933i	0.1405-0.0336i
15.3	1.2164+0.5035i	-0.8533-0.2092i	1.2445+0.4923i	2.7234+0.6224i	-0.4384+0.1765i	-0.3366+0.1082i	0.6392-0.2333i	0.1617-0.0206i
15.4	1.1580+0.4796i	-0.7905-0.1648i	1.1908+0.4393i	2.5594+0.5007i	-0.3889+0.2364i	-0.3495+0.1136i	0.6083-0.2532i	0.1844-0.0291i
15.5	1.1008+0.4511i	-0.7379-0.1308i	1.1470+0.3975i	2.4162+0.3949i	-0.3274+0.2749i	-0.3490+0.1149i	0.5851-0.2728i	0.1911-0.0305i
15.6	1.0474+0.4342i	-0.6967-0.1162i	1.0967+0.3632i	2.2762+0.3404i	-0.2512+0.3034i	-0.3759+0.1267i	0.5354-0.2994i	0.2303-0.0386i
15.7	1.0119+0.4224i	-0.6697-0.1011i	1.0584+0.3428i	2.1902+0.3114i	-0.1887+0.2965i	-0.3859+0.1558i	0.5060-0.2913i	0.2489-0.0705i
15.8	0.9403+0.3865i	-0.6259-0.0646i	0.9981+0.2989i	2.0921+0.2126i	-0.1700+0.2564i	-0.3795+0.1680i	0.5309-0.2806i	0.2399-0.0894i
15.9	0.8948+0.3839i	-0.5887-0.0288i	0.9540+0.2690i	1.9955+0.1146i	-0.1399+0.2803i	-0.3862+0.1922i	0.5456-0.3218i	0.2482-0.1077i
16.0	0.8920+0.3868i	-0.5559-0.0082i	0.9222+0.2587i	1.9089+0.0516i	-0.0967+0.2952i	-0.3880+0.2130i	0.5337-0.3579i	0.2543-0.1198i
16.1	0.9046+0.3464i	-0.4993+0.0139i	0.8786+0.2388i	1.7419-0.0041i	-0.0077+0.2676i	-0.3964+0.2559i	0.5029-0.4107i	0.2801-0.1605i
16.2	0.9057+0.2835i	-0.4512+0.0351i	0.8527+0.2245i	1.6234-0.0297i	0.0578+0.2086i	-0.4010+0.3009i	0.4627-0.4437i	0.2990-0.2113i
16.3	0.8754+0.2223i	-0.3938+0.0302i	0.8238+0.2143i	1.5128-0.0514i	0.0767+0.1634i	-0.3941+0.3541i	0.4284-0.5111i	0.2928-0.2641i
16.4	0.8347+0.1657i	-0.3553+0.0192i	0.8080+0.2013i	1.4652-0.0536i	0.0808+0.1148i	-0.3661+0.4075i	0.4065-0.5651i	0.2678-0.3160i
16.5	0.7515+0.1340i	-0.3430+0.0062i	0.7869+0.1890i	1.4322-0.0702i	0.0599+0.1044i	-0.2833+0.4707i	0.3434-0.6396i	0.1870-0.3764i
16.6	0.7049+0.1068i	-0.3253+0.0001i	0.7670+0.1729i	1.3614-0.1357i	0.0610+0.1177i	-0.1759+0.5163i	0.1925-0.7256i	0.0863-0.4159i
16.7	0.6556+0.0624i	-0.3088-0.0092i	0.7514+0.1560i	1.2624-0.1495i	0.1059+0.0967i	-0.0755+0.4716i	0.0228-0.7076i	0.0021-0.3700i
16.8	0.5682+0.0452i	-0.3046-0.0191i	0.7386+0.1413i	1.1911-0.0904i	0.1317+0.0375i	-0.0401+0.3848i	-0.0858-0.5706i	-0.0185-0.3037i
16.9	0.5134+0.0867i	-0.3172-0.0123i	0.7311+0.1264i	1.2501-0.0347i	0.0953-0.0224i	-0.0876+0.3741i	-0.0110-0.4652i	0.0152-0.2975i
17.0	0.4606+0.1260i	-0.3231+0.0011i	0.7136+0.0973i	1.3488-0.0790i	0.0220-0.0408i	-0.0767+0.4512i	0.0276-0.4764i	-0.0114-0.3869i
17.1	0.4509+0.1745i	-0.3031+0.0172i	0.6822+0.0671i	1.3186-0.1903i	0.0315+0.0068i	0.1093+0.4479i	-0.0632-0.4768i	-0.2133-0.3811i
17.2	0.4544+0.1658i	-0.2815+0.0123i	0.6575+0.0557i	1.2325-0.1991i	0.0880-0.0325i	0.2228+0.2658i	-0.1693-0.3351i	-0.3210-0.1968i
17.3	0.4345+0.1718i	-0.2899+0.0306i	0.6439+0.0344i	1.2712-0.2903i	-0.0115-0.0901i	0.1068+0.1774i	-0.0781-0.3001i	-0.2208-0.0946i
17.4	0.4302+0.1966i	-0.2795+0.0607i	0.6136+0.0155i	1.2208-0.4768i	-0.0800-0.0294i	0.0205+0.1656i	-0.0530-0.3883i	-0.1283-0.0487i
17.5	0.4472+0.2025i	-0.2530+0.0809i	0.5880-0.0033i	1.0807-0.5671i	-0.0538+0.0308i	-0.0089+0.1925i	-0.1254-0.3907i	-0.0719-0.0631i
17.6	0.4748+0.1755i	-0.2291+0.0849i	0.5673-0.0164i	0.9725-0.5690i	-0.0077+0.0198i	0.0003+0.2032i	-0.1733-0.3220i	-0.0703-0.0660i
17.7	0.4773+0.1300i	-0.2015+0.0883i	0.5382-0.0276i	0.8286-0.5690i	0.0411+0.0072i	0.0026+0.2088i	-0.2007-0.2482i	-0.0507-0.0698i
17.8	0.4498+0.0866i	-0.1744+0.0966i	0.5018-0.0416i	0.7160-0.5835i	0.0327-0.0297i	0.0030+0.2257i	-0.2009-0.2082i	-0.0232-0.0945i
17.9	0.4008+0.0658i	-0.1529+0.0947i	0.4729-0.0448i	0.6243-0.5789i	-0.0031-0.0413i	0.0276+0.2443i	-0.1776-0.1654i	-0.0286-0.1220i
18.0	0.3492+0.0708i	-0.1319+0.0752i	0.4388-0.0375i	0.5603-0.4679i	-0.0248-0.0569i	0.0644+0.2263i	-0.1183-0.1195i	-0.0666-0.1326i
18.1	0.3348+0.0948i	-0.1197+0.0636i	0.4176-0.0237i	0.5230-0.4105i	-0.0385-0.0528i	0.0706+0.2001i	-0.0958-0.0983i	-0.0835-0.1145i
18.2	0.3309+0.1063i	-0.1156+0.0600i	0.3957-0.0069i	0.5357-0.3967i	-0.0751-0.0516i	0.0697+0.1848i	-0.0684-0.1151i	-0.0862-0.0963i

18.3	0.3252+0.1089i	-0.1130+0.0557i	0.3802-0.0031i	0.5372-0.3695i	-0.0864-0.0392i	0.0707+0.1800i	-0.0721-0.1188i	-0.0856-0.0923i
18.4	0.3301+0.1066i	-0.1052+0.0639i	0.3736+0.0054i	0.5196-0.4234i	-0.0850-0.0179i	0.0737+0.1632i	-0.1039-0.1250i	-0.0914-0.0711i
18.5	0.3445+0.0864i	-0.0933+0.0607i	0.3825+0.0223i	0.4469-0.4483i	-0.0581-0.0089i	0.0766+0.1493i	-0.1103-0.1114i	-0.0814-0.0499i
18.6	0.3198+0.0388i	-0.0808+0.0516i	0.3769+0.0313i	0.3387-0.4273i	-0.0581+0.0058i	0.0830+0.1546i	-0.0846-0.1083i	-0.0670-0.0453i
18.7	0.2350+0.0344i	-0.0890+0.0327i	0.3703+0.0249i	0.3263-0.2667i	-0.0484+0.0166i	0.1006+0.1471i	-0.0593-0.0964i	-0.0752-0.0629i
18.8	0.1987+0.0819i	-0.1006+0.0350i	0.3625+0.0171i	0.4320-0.2405i	-0.0485+0.0389i	0.1039+0.1279i	-0.0467-0.0864i	-0.0882-0.0505i
18.9	0.1906+0.1035i	-0.0958+0.0470i	0.3572+0.0068i	0.4508-0.2848i	-0.0628+0.0414i	0.0926+0.1064i	-0.0551-0.0725i	-0.0762-0.0343i
19.0	0.1801+0.1249i	-0.0944+0.0608i	0.3565+0.0004i	0.4519-0.3522i	-0.0526+0.0515i	0.0927+0.0971i	-0.0408-0.0843i	-0.0688-0.0275i
19.1	0.1847+0.1373i	-0.0893+0.0673i	0.3493-0.0049i	0.4350-0.3759i	-0.0331+0.0265i	0.0901+0.0786i	-0.0475-0.0976i	-0.0694-0.0210i
19.2	0.1802+0.1495i	-0.0809+0.0662i	0.3312-0.0139i	0.4162-0.3885i	-0.0456+0.0328i	0.0764+0.0721i	-0.0522-0.0869i	-0.0664-0.0238i
19.3	0.1825+0.1618i	-0.0658+0.0718i	0.3190-0.0149i	0.3802-0.4099i	-0.0403+0.0496i	0.0726+0.0719i	-0.0392-0.0774i	-0.0547-0.0173i
19.4	0.1826+0.1700i	-0.0559+0.0772i	0.3052-0.0287i	0.3439-0.4306i	-0.0249+0.0357i	0.0753+0.0646i	-0.0316-0.0873i	-0.0585-0.0138i
19.5	0.1964+0.1849i	-0.0503+0.0832i	0.2918-0.0558i	0.2917-0.4711i	-0.0213+0.0363i	0.0692+0.0488i	-0.0447-0.0953i	-0.0593+0.0018i
19.6	0.2068+0.1884i	-0.0328+0.0875i	0.2832-0.0564i	0.2096-0.4786i	-0.0001+0.0317i	0.0615+0.0447i	-0.0424-0.0913i	-0.0392-0.0007i
19.7	0.2118+0.1934i	-0.0250+0.0920i	0.2703-0.0631i	0.1802-0.4778i	-0.0037+0.0295i	0.0649+0.0477i	-0.0469-0.0923i	-0.0340-0.0028i
19.8	0.2204+0.1944i	-0.0072+0.0881i	0.2453-0.0681i	0.1134-0.4442i	-0.0026+0.0212i	0.0661+0.0605i	-0.0562-0.0995i	-0.0442-0.0246i
19.9	0.2153+0.1987i	-0.0008+0.0854i	0.2212-0.0652i	0.0708-0.4104i	-0.0096+0.0240i	0.0646+0.0705i	-0.0561-0.0813i	-0.0471-0.0324i
20.0	0.2292+0.1867i	0.0092+0.0775i	0.1733-0.0539i	0.0456-0.3461i	-0.0274+0.0137i	0.0659+0.0573i	-0.0954-0.0615i	-0.0526-0.0194i
20.1	0.2439+0.1638i	0.0227+0.0672i	0.1474-0.0577i	0.0150-0.2968i	-0.0127+0.0068i	0.0724+0.0452i	-0.0945-0.0524i	-0.0534-0.0072i
20.2	0.2531+0.1610i	0.0301+0.0665i	0.1445-0.0465i	-0.0036-0.2905i	-0.0068+0.0202i	0.0643+0.0319i	-0.0905-0.0426i	-0.0474+0.0078i
20.3	0.2510+0.1483i	0.0298+0.0622i	0.1309-0.0358i	-0.0019-0.2670i	-0.0006+0.0093i	0.0657+0.0167i	-0.0795-0.0453i	-0.0535+0.0137i
20.4	0.2520+0.1241i	0.0371+0.0526i	0.1003-0.0181i	-0.0297-0.2447i	0.0148+0.0079i	0.0646+0.0143i	-0.0780-0.0465i	-0.0540+0.0123i
20.5	0.2403+0.1285i	0.0422+0.0555i	0.1037+0.0035i	-0.0554-0.2427i	0.0078-0.0024i	0.0553+0.0043i	-0.0767-0.0374i	-0.0330+0.0321i
20.6	0.2296+0.1121i	0.0481+0.0535i	0.0646+0.0125i	-0.0745-0.2527i	0.0038-0.0118i	0.0565+0.0039i	-0.0596-0.0265i	-0.0267+0.0216i
20.7	0.2258+0.1024i	0.0489+0.0453i	0.0399+0.0321i	-0.0753-0.1994i	0.0115+0.0083i	0.0399+0.0104i	-0.0483-0.0035i	-0.0080+0.0105i
20.8	0.2263+0.0967i	0.0541+0.0398i	0.0278+0.0396i	-0.0827-0.1524i	0.0206+0.0149i	0.0247+0.0147i	-0.0354-0.0184i	0.0087+0.0009i
20.9	0.2168+0.1036i	0.0567+0.0392i	0.0202+0.0744i	-0.0795-0.1357i	0.0184+0.0070i	0.0227+0.0214i	-0.0268-0.0220i	0.0114-0.0170i
21.0	0.2051+0.0936i	0.0547+0.0397i	-0.0063+0.1069i	-0.1015-0.1317i	0.0094-0.0106i	0.0295+0.0042i	-0.0297-0.0252i	0.0008+0.0109i
21.1	0.1937+0.0971i	0.0546+0.0429i	-0.0451+0.1279i	-0.0762-0.1138i	0.0009-0.0094i	0.0319+0.0057i	-0.0360-0.0200i	-0.0084-0.0056i
21.2	0.1937+0.1071i	0.0597+0.0454i	-0.0471+0.2298i	-0.0598-0.0713i	0.0011+0.0002i	0.0287+0.0062i	-0.0297-0.0032i	-0.0165+0.0049i
21.3	0.2012+0.1089i	0.0690+0.0412i	0.0435+0.2481i	-0.0734-0.0506i	0.0164+0.0033i	0.0297+0.0166i	-0.0178-0.0176i	-0.0118+0.0035i
21.4	0.2012+0.0908i	0.0693+0.0415i	0.0355+0.2598i	-0.0635-0.0322i	0.0241+0.0077i	0.0247+0.0098i	-0.0131-0.0082i	0.0041+0.0040i
21.5	0.1961+0.0874i	0.0692+0.0437i	0.0055+0.2809i	-0.0408-0.0253i	0.0194-0.0004i	0.0170+0.0066i	-0.0054-0.0114i	0.0141+0.0070i
21.6	0.2059+0.0671i	0.0772+0.0446i	0.0054+0.3261i	-0.0435-0.0325i	0.0074-0.0087i	0.0122+0.0041i	-0.0178-0.0301i	0.0226-0.0100i
21.7	0.1906+0.0738i	0.0790+0.0423i	0.0424+0.3228i	-0.0441-0.0278i	0.0043-0.0029i	0.0105+0.0042i	-0.0179-0.0183i	0.0154-0.0098i
21.8	0.1706+0.0636i	0.0793+0.0408i	0.0989+0.3213i	-0.0488-0.0148i	0.0244-0.0085i	0.0177+0.0036i	-0.0060-0.0114i	0.0061+0.0001i
21.9	0.1617+0.0555i	0.0894+0.0456i	0.1424+0.3902i	-0.0496-0.0079i	0.0234-0.0201i	0.0042+0.0059i	0.0020-0.0223i	0.0224-0.0105i
22.0	0.1611+0.0562i	0.0868+0.0485i	0.1284+0.3600i	-0.0224-0.0176i	0.0128-0.0333i	0.0146+0.0006i	0.0116-0.0235i	0.0125-0.0078i
22.1	0.1616+0.0327i	0.0933+0.0483i	0.1479+0.3687i	-0.0074-0.0319i	0.0135-0.0291i	0.0121+0.0107i	-0.0032-0.0211i	0.0008-0.0253i
22.2	0.1390+0.0477i	0.1021+0.0464i	0.1884+0.3966i	-0.0424-0.0063i	0.0057-0.0135i	0.0076+0.0132i	-0.0238-0.0097i	-0.0083-0.0160i
22.3	0.1316+0.0686i	0.1067+0.0441i	0.1928+0.3787i	-0.0335+0.0372i	-0.0052-0.0244i	-0.0056+0.0043i	-0.0016-0.0105i	0.0268-0.0053i
22.4	0.1311+0.0453i	0.1110+0.0453i	0.1605+0.3320i	-0.0360-0.0158i	0.0054-0.0286i	0.0020+0.0037i	-0.0057-0.0175i	0.0171+0.0007i
22.5	0.1227+0.0388i	0.1125+0.0470i	0.1556+0.3552i	-0.0364-0.0226i	-0.0031-0.0129i	0.0040+0.0038i	-0.0174-0.0048i	0.0120+0.0016i
22.6	0.1059+0.0518i	0.1177+0.0499i	0.1630+0.3964i	-0.0317-0.0111i	-0.0113-0.0217i	0.0036+0.0093i	-0.0252-0.0012i	0.0195-0.0121i
22.7	0.1040+0.0572i	0.1244+0.0489i	0.1681+0.3725i	-0.0237-0.0049i	-0.0077-0.0215i	0.0037+0.0125i	-0.0053-0.0054i	0.0150-0.0293i
22.8	0.1046+0.0540i	0.1288+0.0481i	0.1503+0.3623i	-0.0045-0.0061i	-0.0055-0.0225i	0.0029+0.0004i	-0.0004-0.0050i	0.0039-0.0121i
22.9	0.1017+0.0506i	0.1386+0.0438i	0.1516+0.3777i	-0.0215+0.0011i	-0.0149-0.0180i	-0.0044-0.0033i	0.0003-0.0092i	0.0210+0.0064i
23.0	0.0862+0.0501i	0.1384+0.0414i	0.1296+0.4442i	-0.0286+0.0067i	-0.0011-0.0155i	-0.0070-0.0005i	0.0052-0.0291i	0.0372+0.0000i
23.1	0.0808+0.0658i	0.1459+0.0473i	0.1074+0.5084i	-0.0421-0.0031i	0.0043-0.0258i	0.0017-0.0085i	0.0020-0.0333i	0.0236+0.0034i
23.2	0.0817+0.0714i	0.1586+0.0418i	0.1325+0.5696i	-0.0698+0.0141i	0.0051-0.0159i	-0.0082-0.0025i	-0.0077-0.0295i	0.0448-0.0105i
23.3	0.0975+0.0786i	0.1583+0.0473i	0.1750+0.6362i	-0.0207-0.0055i	-0.0133-0.0217i	0.0018-0.0066i	-0.0064-0.0318i	0.0340+0.0023i
23.4	0.1026+0.0631i	0.1678+0.0504i	0.2803+0.7061i	-0.0237-0.0025i	-0.0141-0.0251i	0.0022-0.0101i	0.0112-0.0250i	0.0285-0.0002i
23.5	0.1066+0.0593i	0.1783+0.0401i	0.4056+0.7260i	-0.0246+0.0310i	-0.0099-0.0179i	0.0008-0.0026i	0.0165-0.0041i	0.0220-0.0071i
23.6	0.1179+0.0349i	0.1842+0.0326i	0.5247+0.7346i	-0.0433+0.0245i	-0.0115-0.0152i	-0.0022-0.0014i	-0.0002-0.0156i	0.0174-0.0010i
23.7	0.1180+0.0106i	0.1906+0.0358i	0.6290+0.6910i	-0.0270+0.0174i	0.0024-0.0202i	0.0002-0.0063i	0.0214-0.0126i	0.0265-0.0066i
23.8	0.1058+0.0000i	0.1961+0.0385i	0.6875+0.6357i	-0.0034-0.0083i	0.0021-0.0318i	-0.0115-0.0083i	0.0295-0.0048i	0.0393-0.0109i
23.9	0.0849-0.0107i	0.1995+0.0329i	0.7311+0.5355i	-0.0206-0.0191i	0.0005-0.0229i	-0.0159-0.0077i	0.0077-0.0171i	0.0354-0.0207i
24.0	0.0565-0.0176i	0.2015+0.0259i	0.7471+0.4321i	-0.0009-0.0198i	0.0045-0.0111i	-0.0195-0.0037i	0.0122-0.0123i	0.0297-0.0255i
24.1	0.0291-0.0232i	0.2117+0.0247i	0.7786+0.4024i	-0.0358-0.0231i	0.0058-0.0181i	-0.0109+0.0168i	0.0201-0.0130i	0.0275-0.0676i
24.2	0.0010-0.0162i	0.2201+0.0265i	0.8211+0.3349i	-0.0733-0.0302i	0.0108-0.0112i	0.0045+0.0168i	0.0111-0.0122i	0.0324-0.0340i
24.3	-0.0166-0.0199i	0.2248+0.0144i	0.8175+0.2794i	-0.0662+0.0009i	0.0314-0.0137i	0.0041+0.0057i	0.0078-0.0214i	0.0214-0.0375i
24.4	-0.0291-0.0192i	0.2248+0.0043i	0.7735+0.2525i	-0.0551+0.0221i	0.0368-0.0234i	-0.0028+0.0071i	0.0071-0.0179i	0.0302-0.0477i
24.5	-0.0377-0.0055i	0.2314+0.0090i	0.7569+0.2172i	-0.0637-0.0178i	0.0264-0.0363i	-0.0052+0.0131i	0.0108-0.0084i	0.0374-0.0558i

24.6	−0.0460+0.0007i	0.2349+0.0057i	0.7607+0.1942i	−0.0631−0.0494i	0.0194−0.0271i	0.0012+0.0164i	0.0011−0.0197i	0.0260−0.0622i
24.7	−0.0621+0.0026i	0.2403+0.0002i	0.7173+0.1753i	−0.0742−0.0598i	0.0259−0.0168i	−0.0081+0.0100i	0.0106−0.0149i	0.0339−0.0492i
24.8	−0.0736+0.0198i	0.2423+0.0016i	0.6800+0.1376i	−0.0898−0.0417i	0.0159−0.0312i	0.0032+0.0015i	0.0272−0.0105i	0.0086−0.0215i
24.9	−0.0903+0.0240i	0.2504−0.0020i	0.6822+0.1047i	−0.0975−0.0212i	0.0131−0.0473i	0.0056+0.0020i	0.0094−0.0085i	−0.0159−0.0495i
25.0	−0.1099+0.0201i	0.2538−0.0069i	0.6893+0.0952i	−0.1120−0.0369i	0.0263−0.0514i	−0.0055−0.0032i	0.0176−0.0230i	0.0175−0.0445i
25.1	−0.1146+0.0405i	0.2570−0.0023i	0.6716+0.0694i	−0.1291−0.0514i	0.0236−0.0497i	−0.0050−0.0071i	0.0268−0.0194i	0.0084−0.0627i
25.2	−0.1354+0.0350i	0.2569+0.0021i	0.6640+0.0778i	−0.1259−0.0697i	0.0268−0.0476i	−0.0047−0.0149i	0.0339−0.0031i	0.0325−0.0427i
25.3	−0.1674+0.0419i	0.2537−0.0040i	0.6378+0.0822i	−0.1047−0.0673i	0.0271−0.0536i	−0.0081−0.0241i	0.0323−0.0284i	0.0468−0.0275i
25.4	−0.1929+0.0595i	0.2650−0.0090i	0.6389+0.0620i	−0.1735−0.0384i	0.0238−0.0549i	−0.0175−0.0146i	0.0438−0.0433i	0.0648−0.0565i
25.5	−0.1964+0.0735i	0.2671−0.0105i	0.6221+0.0531i	−0.1747−0.0445i	0.0266−0.0450i	−0.0089−0.0117i	0.0575−0.0458i	0.0672−0.0703i
25.6	−0.1933+0.1034i	0.2729−0.0029i	0.6055+0.0613i	−0.1799−0.0424i	0.0335−0.0466i	−0.0103−0.0077i	0.0462−0.0572i	0.0416−0.0858i
25.7	−0.2131+0.1132i	0.2810−0.0113i	0.5956+0.0541i	−0.2211+0.0117i	0.0145−0.0765i	−0.0132−0.0170i	0.0297−0.1066i	0.0175−0.1273i
25.8	−0.2306+0.1240i	0.2938−0.0063i	0.5847+0.0430i	−0.2362−0.0279i	0.0158−0.0787i	−0.0311−0.0171i	0.0333−0.1001i	0.0211−0.1239i
25.9	−0.2421+0.1382i	0.3031−0.0096i	0.5763+0.0344i	−0.2426−0.0340i	0.0060−0.1043i	−0.0374−0.0187i	0.0158−0.0994i	0.0193−0.1059i
26.0	−0.2593+0.1589i	0.3143−0.0199i	0.5738+0.0393i	−0.2598−0.0015i	−0.0013−0.1309i	−0.0412−0.0222i	0.0088−0.1164i	0.0128−0.1095i
26.1	−0.2598+0.1890i	0.3230−0.0175i	0.5565+0.0492i	−0.2932−0.0180i	−0.0109−0.1016i	−0.0354−0.0178i	0.0351−0.1114i	0.0324−0.1157i
26.2	−0.2638+0.2178i	0.3250−0.0295i	0.5406+0.0472i	−0.2853+0.0125i	−0.0301−0.1083i	−0.0549−0.0235i	0.0260−0.1022i	0.0547−0.1242i
26.3	−0.2800+0.2474i	0.3353−0.0394i	0.5239+0.0552i	−0.3375+0.0390i	−0.0106−0.0984i	−0.0570−0.0162i	0.0090−0.0983i	0.0340−0.1350i
26.4	−0.2985+0.2795i	0.3332−0.0510i	0.4878+0.0614i	−0.3457+0.1208i	0.0030−0.0989i	−0.0500−0.0182i	−0.0115−0.1359i	0.0010−0.1507i
26.5	−0.3027+0.3051i	0.3306−0.0466i	0.4814+0.0733i	−0.3169+0.1181i	−0.0247−0.1160i	−0.0548−0.0231i	−0.0281−0.1718i	−0.0143−0.1803i
26.6	−0.3037+0.3255i	0.3260−0.0510i	0.4591+0.1086i	−0.2881+0.1474i	−0.0287−0.1186i	−0.0683−0.0227i	−0.0466−0.1595i	−0.0183−0.1840i
26.7	−0.2952+0.3483i	0.3235−0.0556i	0.4381+0.1367i	−0.2755+0.1706i	−0.0321−0.1094i	−0.0639−0.0080i	−0.0457−0.1279i	−0.0511−0.1591i
26.8	−0.2799+0.3816i	0.3250−0.0551i	0.4249+0.1670i	−0.2857+0.1995i	−0.0527−0.0980i	−0.0666−0.0012i	−0.0858−0.1195i	−0.0824−0.1358i
26.9	−0.2769+0.4177i	0.3246−0.0594i	0.3991+0.2146i	−0.2888+0.2426i	−0.0627−0.0894i	−0.0824+0.0108i	−0.1225−0.1075i	−0.1051−0.1506i
27.0	−0.2695+0.4548i	0.3361−0.0559i	0.3934+0.2859i	−0.3029+0.2395i	−0.0536−0.0909i	−0.0554+0.0140i	−0.1003−0.1179i	−0.1115−0.1311i
27.1	−0.2521+0.5111i	0.3366−0.0444i	0.4005+0.3522i	−0.2904+0.2387i	−0.0611−0.1168i	−0.0642+0.0075i	−0.1298−0.0986i	−0.1398−0.1161i
27.2	−0.2290+0.5680i	0.3367−0.0348i	0.4247+0.4381i	−0.2592+0.2312i	−0.0781−0.1149i	−0.0686+0.0158i	−0.1389−0.0871i	−0.1494−0.1279i
27.3	−0.1841+0.6132i	0.3491−0.0271i	0.5023+0.5261i	−0.2423+0.2664i	−0.0961−0.1082i	−0.0602+0.0136i	−0.1369−0.0543i	−0.1367−0.0845i
27.4	−0.1254+0.6328i	0.3633−0.0192i	0.5795+0.6088i	−0.2372+0.2911i	−0.1310−0.1177i	−0.0670+0.0170i	−0.1472−0.0328i	−0.1473−0.0490i
27.5	−0.0419+0.6491i	0.3782−0.0087i	0.6824+0.6764i	−0.2286+0.2723i	−0.1460−0.1087i	−0.0705+0.0139i	−0.1395−0.0223i	−0.1446−0.0460i
27.6	0.0086+0.6422i	0.4011−0.0052i	0.7999+0.7222i	−0.2451+0.3316i	−0.1544−0.1130i	−0.0804+0.0158i	−0.1555−0.0308i	−0.1460−0.0194i
27.7	0.0555+0.6216i	0.4238−0.0038i	0.9108+0.7101i	−0.1866+0.3556i	−0.1642−0.0801i	−0.0856+0.0145i	−0.1555−0.0262i	−0.1505+0.0179i
27.8	0.1143+0.5986i	0.4418+0.0048i	1.0254+0.6936i	−0.1282+0.3146i	−0.1574−0.0550i	−0.0698+0.0130i	−0.1339−0.0038i	−0.1238+0.0491i
27.9	0.1751+0.5399i	0.4543−0.0010i	1.1295+0.6333i	−0.0984+0.2628i	−0.1237−0.0204i	−0.0598+0.0287i	−0.1064+0.0206i	−0.0798+0.0408i
28.0	0.2018+0.4804i	0.4794−0.0090i	1.2064+0.5776i	−0.1035+0.2614i	−0.1227+0.0210i	−0.0722+0.0377i	−0.1085+0.0677i	−0.0427+0.0257i
28.1	0.2105+0.4342i	0.5094−0.0143i	1.2816+0.5405i	−0.0911+0.2366i	−0.0998+0.0204i	−0.0647+0.0395i	−0.0823+0.0559i	−0.0224−0.0068i
28.2	0.2231+0.4015i	0.5260−0.0194i	1.3380+0.5134i	−0.0416+0.2029i	−0.0808+0.0255i	−0.0647+0.0407i	−0.0561+0.0550i	−0.0129−0.0409i
28.3	0.2145+0.3534i	0.5393−0.0334i	1.4147+0.4682i	−0.0148+0.1732i	−0.0713+0.0176i	−0.0777+0.0403i	−0.0316+0.0593i	−0.0092−0.0254i
28.4	0.1963+0.3132i	0.5602−0.0332i	1.4646+0.4335i	−0.0781+0.0755i	−0.0508+0.0232i	−0.0806+0.0428i	−0.0255+0.0554i	−0.0061−0.0266i
28.5	0.1788+0.2842i	0.5890−0.0486i	1.5404+0.3528i	−0.1305+0.0192i	−0.0338−0.0007i	−0.0632+0.0471i	−0.0211+0.0140i	−0.0165−0.0810i
28.6	0.1633+0.2655i	0.6103−0.0577i	1.6087+0.3223i	−0.1429+0.0274i	−0.0248−0.0219i	−0.0520+0.0582i	−0.0073−0.0014i	−0.0378−0.0854i
28.7	0.1477+0.2430i	0.6358−0.0749i	1.6577+0.2669i	−0.1975+0.0460i	−0.0038−0.0273i	−0.0580+0.0684i	−0.0224+0.0111i	−0.0510−0.0816i
28.8	0.1114+0.2178i	0.6566−0.0794i	1.7162+0.2431i	−0.2213−0.0014i	−0.0009−0.0373i	−0.0552+0.0544i	−0.0110+0.0162i	−0.0445−0.1111i
28.9	0.0869+0.1948i	0.6897−0.0964i	1.7840+0.2102i	−0.2641−0.0167i	−0.0071−0.0859i	−0.0512+0.0383i	−0.0043−0.0231i	−0.0639−0.1252i
29.0	0.0638+0.1753i	0.6979−0.1202i	1.8242+0.1470i	−0.2570−0.0143i	−0.0156−0.1032i	−0.0596+0.0691i	−0.0077−0.0171i	−0.0759−0.1219i
29.1	0.0293+0.1708i	0.7187−0.1375i	1.8823+0.0812i	−0.3112+0.0197i	−0.0241−0.1207i	−0.0542+0.0867i	−0.0197−0.0363i	−0.0813−0.0969i
29.2	−0.0045+0.1801i	0.7388−0.1454i	1.9584+0.0350i	−0.3580+0.0015i	−0.0148−0.1270i	−0.0420+0.0844i	−0.0132−0.0398i	−0.1126−0.1141i
29.3	−0.0302+0.1627i	0.7624−0.1634i	2.0272−0.0074i	−0.3874−0.0484i	−0.0099−0.1425i	−0.0404+0.0819i	−0.0038−0.0329i	−0.1358−0.1199i
29.4	−0.0538+0.1557i	0.7919−0.1757i	2.0781−0.0257i	−0.4555−0.0224i	−0.0229−0.1526i	−0.0442+0.0879i	−0.0081−0.0231i	−0.1430−0.1038i
29.5	−0.0761+0.1742i	0.8269−0.2006i	2.1439−0.1188i	−0.5238+0.0093i	−0.0712−0.1816i	−0.0401+0.0970i	−0.0416−0.0659i	−0.1513−0.0845i
29.6	−0.1074+0.1848i	0.8475−0.2290i	2.2313−0.1905i	−0.5063+0.0543i	−0.1150−0.1783i	−0.0375+0.1010i	−0.0606−0.0758i	−0.1580−0.0724i
29.7	−0.1494+0.1914i	0.8691−0.2422i	2.2993−0.2566i	−0.5230+0.0286i	−0.1249−0.2025i	−0.0362+0.0969i	−0.0639−0.1067i	−0.1751−0.0677i
29.8	−0.1766+0.1829i	0.8877−0.2836i	2.3703−0.3526i	−0.5518+0.0542i	−0.1488−0.1935i	−0.0322+0.1064i	−0.0736−0.1077i	−0.1746−0.0381i
29.9	−0.1799+0.2055i	0.9166−0.3002i	2.4266−0.4456i	−0.6053+0.0151i	−0.1654−0.1374i	−0.0307+0.1073i	−0.0838−0.0507i	−0.1557−0.0192i
30.0	−0.2311+0.2199i	0.9300−0.3532i	2.5084−0.5674i	−0.6558+0.0886i	−0.2539−0.1659i	−0.0260+0.1097i	−0.1609−0.0436i	−0.1455−0.0029i
30.1	−0.2896+0.2162i	0.9766−0.4085i	2.6789−0.6746i	−0.7260+0.1443i	−0.2842−0.1910i	−0.0236+0.1243i	−0.2047−0.0575i	−0.1428+0.0123i
30.2	−0.3222+0.2156i	1.0113−0.4612i	2.8197−0.7795i	−0.8254+0.1728i	−0.3354−0.2031i	−0.0019+0.1298i	−0.2495−0.0331i	−0.1270+0.0533i
30.3	−0.3390+0.2788i	1.0304−0.4850i	2.8521−1.0075i	−0.8596+0.1908i	−0.3476−0.1788i	−0.0034+0.1052i	−0.3029−0.0054i	−0.1297+0.0698i
30.4	−0.3722+0.2777i	1.0749−0.5372i	2.9622−1.1296i	−0.9523+0.2266i	−0.3777−0.1179i	−0.0190+0.1174i	−0.2941+0.0693i	−0.1117+0.0486i
30.5	−0.4486+0.2648i	1.1104−0.5790i	3.1306−1.2035i	−1.0218+0.2571i	−0.4103−0.1374i	0.0111+0.1430i	−0.2717+0.0788i	−0.0999+0.0619i
30.6	−0.5144+0.3192i	1.1365−0.6665i	3.2709−1.4640i	−1.0949+0.3890i	−0.4687−0.0833i	0.0257+0.1532i	−0.2883+0.1132i	−0.1149+0.0557i
30.7	−0.5462+0.3727i	1.1336−0.7314i	3.3163−1.7239i	−1.1566+0.4841i	−0.5106−0.0116i	0.0325+0.1537i	−0.2984+0.1746i	−0.0892+0.0162i
30.8	−0.6082+0.4491i	1.1287−0.7980i	3.4083−2.0451i	−1.1361+0.5923i	−0.4914+0.0415i	0.0526+0.1542i	−0.2682+0.2366i	−0.0891−0.0040i

30.9	−0.6525+0.5266i	1.1215−0.8795i	3.4585−2.3145i	−1.1132+0.7138i	−0.5054+0.1338i	0.0535+0.1665i	−0.2429+0.3020i	−0.0687−0.0394i
31.0	−0.6996+0.6421i	1.0993−0.9648i	3.4211−2.7709i	−1.0853+0.8462i	−0.4626+0.1766i	0.0744+0.1734i	−0.1970+0.3069i	−0.1343−0.0621i
31.1	−0.7693+0.7257i	1.0979−1.0374i	3.5077−3.0913i	−1.0905+0.9375i	−0.4802+0.2381i	0.0630+0.1777i	−0.1975+0.3348i	−0.1434−0.0769i
31.2	−0.7917+0.8457i	1.0767−1.0903i	3.4582−3.4905i	−1.0563+1.0411i	−0.5355+0.2920i	0.0778+0.1728i	−0.1877+0.4082i	−0.1331−0.0649i
31.3	−0.7651+1.0002i	1.0603−1.1638i	3.2802−4.0354i	−1.0009+1.1069i	−0.5226+0.3792i	0.1203+0.1663i	−0.1320+0.4780i	−0.1433−0.0597i
31.4	−0.7965+1.1067i	1.0676−1.2103i	3.2612−4.3246i	−0.9558+1.1960i	−0.4509+0.4453i	0.1626+0.1724i	−0.0466+0.4941i	−0.1554−0.0630i
31.5	−0.7680+1.3283i	1.0095−1.3073i	2.9109−5.0423i	−0.8440+1.2886i	−0.3550+0.6005i	0.1868+0.1655i	0.0326+0.5397i	−0.2402−0.1390i
31.6	−0.7015+1.4729i	0.9653−1.3536i	2.5794−5.4916i	−0.7751+1.2941i	−0.2690+0.6610i	0.1991+0.1515i	0.0718+0.5451i	−0.2752−0.1680i
31.7	−0.6013+1.6505i	0.9167−1.4239i	2.1025−6.0224i	−0.7205+1.2950i	−0.1555+0.6773i	0.2240+0.1314i	0.1656+0.5380i	−0.3786−0.1369i
31.8	−0.5394+1.8375i	0.9692−1.5095i	1.8653−6.6787i	−0.7540+1.3137i	−0.0824+0.7336i	0.2382+0.1231i	0.2336+0.5547i	−0.4435−0.1120i
31.9	−0.4987+1.9599i	1.0217−1.5384i	1.5909−7.1772i	−0.8162+1.3101i	0.0162+0.7687i	0.2636+0.1484i	0.2979+0.5577i	−0.5259−0.0852i
32.0	−0.1754+2.1491i	0.9086−1.6331i	0.2832−7.6308i	−0.7812+1.3023i	0.1884+0.7893i	0.2696+0.1156i	0.3932+0.5420i	−0.5850+0.0057i
32.1	0.0925+2.1694i	0.8091−1.6750i	−0.7072−7.4634i	−0.7654+1.3255i	0.3796+0.6416i	0.3060+0.0944i	0.5002+0.4330i	−0.6626+0.1356i
32.2	0.2771+2.1524i	0.7845−1.7592i	−1.3676−7.5767i	−0.8117+1.4252i	0.4615+0.5433i	0.3222+0.0538i	0.5613+0.3609i	−0.6589+0.2387i
32.3	0.5857+2.1447i	0.7090−1.8931i	−2.6396−7.4893i	−0.8239+1.6085i	0.5808+0.4556i	0.3374+0.0458i	0.6512+0.2900i	−0.6737+0.3727i
32.4	0.9563+2.1674i	0.5856−2.1122i	−4.3352−7.2247i	−0.7974+1.9138i	0.6542+0.3027i	0.4085−0.0532i	0.7455+0.1349i	−0.6117+0.5789i
32.5	1.1274+2.0575i	0.4471−2.1842i	−5.2298−6.4137i	−0.7029+2.0612i	0.5916+0.1352i	0.4095−0.1512i	0.7339−0.0265i	−0.4844+0.7002i
32.6	1.3875+1.8971i	0.2469−2.3006i	−6.2565−5.1737i	−0.5280+2.2805i	0.5233−0.0264i	0.3842−0.2450i	0.6861−0.1947i	−0.3042+0.7962i
32.7	1.4888+1.6696i	0.0653−2.3031i	−6.5062−3.8212i	−0.3304+2.4104i	0.4992−0.1844i	0.3495−0.2593i	0.6088−0.3061i	−0.2291+0.8477i
32.8	1.5630+1.5412i	−0.0653−2.3581i	−6.6586−2.6399i	−0.1249+2.6118i	0.3633−0.3086i	0.3384−0.2672i	0.4899−0.3808i	−0.0797+0.9222i
32.9	1.5967+1.3674i	−0.2419−2.2670i	−6.2540−1.6315i	0.1664+2.5745i	0.2534−0.2986i	0.3302−0.3075i	0.4100−0.3826i	0.0874+0.9191i
33.0	1.7364+1.2117i	−0.4623−2.2486i	−5.9880−0.5017i	0.5653+2.5606i	0.1681−0.3492i	0.2913−0.4147i	0.3408−0.4761i	0.3036+0.9286i
33.1	1.9156+1.1772i	−0.5925−2.3927i	−6.0833+0.3740i	0.7927+2.6688i	0.0632−0.3617i	0.2377−0.4956i	0.2610−0.5491i	0.5218+0.9028i
33.2	2.0785+0.8504i	−0.8946−2.3169i	−4.9898+1.5479i	1.1948+2.4624i	−0.1212−0.3125i	0.1010−0.5388i	0.0879−0.5804i	0.7926+0.6728i
33.3	2.0823+0.5392i	−1.1406−2.1688i	−4.0293+1.9364i	1.4532+2.2148i	−0.1757−0.2251i	−0.0034−0.5346i	−0.0340−0.5447i	0.8470+0.4461i
33.4	1.9682+0.2929i	−1.2336−1.9951i	−3.0827+1.9910i	1.4248+1.9584i	−0.2236−0.1383i	−0.0689−0.4815i	−0.1353−0.4497i	0.8595+0.2441i
33.5	1.8758+0.0510i	−1.4124−1.8446i	−2.2220+2.1070i	1.4781+1.7452i	−0.2683−0.0419i	−0.1615−0.4533i	−0.2191−0.3683i	0.8459−0.0278i
33.6	1.6808+0.0214i	−1.3635−1.7272i	−1.8905+1.7009i	1.3591+1.6564i	−0.2400+0.0139i	−0.1627−0.4042i	−0.2170−0.2907i	0.7141−0.1498i
33.7	1.5509−0.0323i	−1.4494−1.6184i	−1.5802+1.3988i	1.3660+1.6004i	−0.1940+0.1014i	−0.1862−0.3437i	−0.2119−0.1987i	0.5669−0.2595i
33.8	1.3363−0.0877i	−1.3762−1.3011i	−1.2580+0.9289i	1.2545+1.3393i	−0.1641+0.1729i	−0.2515−0.2544i	−0.2176−0.0880i	0.3962−0.3655i
33.9	1.2067−0.1004i	−1.3462−1.0385i	−0.9878+0.5862i	1.2378+1.1565i	−0.0944+0.2107i	−0.2497−0.1750i	−0.1671−0.0128i	0.1995−0.3600i
34.0	1.1340−0.1634i	−1.3460−0.8353i	−0.7963+0.3578i	1.3337+1.0559i	−0.0284+0.2168i	−0.2073−0.1342i	−0.1013−0.0049i	0.0751−0.3126i
34.1	1.1041−0.1622i	−1.2737−0.7590i	−0.7698+0.3062i	1.3725+1.0372i	0.0128+0.1925i	−0.1439−0.1527i	−0.0519−0.0330i	−0.0029−0.2509i
34.2	1.0976−0.1873i	−1.2035−0.7371i	−0.7505+0.2215i	1.3781+1.0112i	0.0467+0.1720i	−0.1241−0.1463i	−0.0307−0.0432i	−0.0515−0.1792i
34.3	0.9836−0.2956i	−1.2747−0.6267i	−0.6194+0.0705i	1.5978+0.8348i	0.1010+0.1784i	−0.1563−0.1491i	−0.0578−0.0738i	−0.0912−0.1443i
34.4	0.8722−0.3276i	−1.2339−0.5172i	−0.5163−0.0381i	1.6206+0.6501i	0.1229+0.1452i	−0.1339−0.1452i	−0.0633−0.0761i	−0.1057−0.1095i
34.5	0.7431−0.3066i	−1.1208−0.3900i	−0.4371−0.2384i	1.5118+0.4363i	0.1302+0.1249i	−0.1345−0.1532i	−0.0969−0.0636i	−0.0901−0.0937i
34.6	0.6862−0.2369i	−0.9761−0.4130i	−0.5229−0.3528i	1.3076+0.4149i	0.1166+0.1168i	−0.1258−0.1284i	−0.0815−0.0273i	−0.1018−0.0471i
34.7	0.6434−0.1817i	−0.7933−0.4120i	−0.5680−0.5017i	1.0525+0.3811i	0.0999+0.0830i	−0.0935−0.1162i	−0.0537+0.0057i	−0.0711+0.0058i
34.8	0.4825−0.1179i	−0.7192−0.2145i	−0.6115−0.6021i	0.9275+0.0709i	0.1059+0.0389i	−0.0963−0.0749i	−0.0617+0.0452i	−0.0870+0.0476i
34.9	0.4327−0.0826i	−0.6977−0.2035i	−0.6564−0.6771i	0.8800+0.0635i	0.1007+0.0243i	−0.0896−0.1268i	−0.0627+0.0226i	−0.0774+0.0628i
35.0	0.4188−0.0663i	−0.6673−0.2183i	−0.7152−0.8383i	0.7921+0.0910i	0.1065+0.0226i	−0.1229−0.1164i	−0.0569+0.0347i	−0.0874+0.0752i
35.1	0.3967+0.0327i	−0.5617−0.1711i	−0.7777−0.8518i	0.6371+0.0478i	0.1027−0.0038i	−0.1084−0.1112i	−0.0306+0.0563i	−0.0512+0.1004i
35.2	0.3851+0.1049i	−0.5070−0.1294i	−0.8308−0.8875i	0.5409−0.0112i	0.0987−0.0224i	−0.1014−0.1085i	−0.0259+0.0608i	−0.0541+0.1180i
35.3	0.3956+0.1446i	−0.4345−0.0998i	−0.9438−0.9260i	0.4251−0.0351i	0.0895−0.0311i	−0.0988−0.0948i	−0.0121+0.0680i	−0.0303+0.1358i
35.4	0.4153+0.1633i	−0.3880−0.2251i	−0.9889−0.9198i	0.4090+0.1831i	0.0891−0.0173i	−0.1017−0.1149i	−0.0072+0.0529i	−0.0300+0.1221i
35.5	0.4335+0.1624i	−0.3470−0.3495i	−1.0988−0.8989i	0.4025+0.4078i	0.0788−0.0019i	−0.0834−0.1545i	0.0006+0.0088i	−0.0046+0.1255i
35.6	0.4609+0.2075i	−0.2660−0.3028i	−1.1282−0.8757i	0.2918+0.3677i	0.0666−0.0018i	−0.0877−0.1190i	0.0248+0.0285i	−0.0152+0.1249i
35.7	0.4501+0.1984i	−0.2919−0.3672i	−1.1889−0.8470i	0.3948+0.4249i	0.0518−0.0199i	−0.1163−0.1334i	−0.0149+0.0236i	0.0159+0.1055i
35.8	0.4798+0.1893i	−0.1786−0.4868i	−1.3172−0.7318i	0.2910+0.6487i	0.0388+0.0069i	−0.1157−0.1344i	−0.0170+0.0074i	0.0092+0.0947i
35.9	0.4887+0.2269i	−0.1792−0.5302i	−1.3109−0.7302i	0.3038+0.6999i	0.0406+0.0011i	−0.1322−0.1537i	−0.0442+0.0142i	0.0155+0.1049i
36.0	0.4795+0.2278i	−0.1828−0.5739i	−1.3086−0.7355i	0.3442+0.7401i	0.0496+0.0055i	−0.1386−0.1427i	−0.0531+0.0253i	0.0084+0.0942i
36.1	0.4919+0.2268i	−0.1766−0.5374i	−1.3492−0.7031i	0.3112+0.6736i	0.0295−0.0142i	−0.1352−0.1369i	−0.0382+0.0428i	0.0267+0.1159i
36.2	0.5081+0.2237i	−0.0212−0.5486i	−1.3046−0.6882i	0.1746+0.7348i	0.0169−0.0184i	−0.1032−0.1463i	−0.0411+0.0188i	0.0503+0.1141i
36.3	0.5132+0.2304i	0.0108−0.5472i	−1.3425−0.6574i	0.1385+0.7416i	0.0047−0.0186i	−0.0979−0.1566i	−0.0280+0.0137i	0.0622+0.0979i
36.4	0.5162+0.2213i	0.0101−0.6189i	−1.3901−0.6401i	0.1787+0.8110i	−0.0034−0.0101i	−0.1021−0.1489i	−0.0164+0.0413i	0.0736+0.0997i
36.5	0.4977+0.2199i	−0.0305−0.6622i	−1.2980−0.6356i	0.2399+0.8347i	0.0090−0.0130i	−0.1026−0.1321i	−0.0102+0.0646i	0.0642+0.1134i
36.6	0.4460+0.2602i	−0.0642−0.7255i	−1.2663−0.6054i	0.3211+0.9052i	0.0246+0.0051i	−0.1070−0.1181i	0.0032+0.0867i	0.0597+0.1048i
36.7	0.4719+0.3200i	−0.0201−0.7304i	−1.3573−0.7290i	0.2736+0.8574i	0.0097+0.0115i	−0.0919−0.1239i	0.0123+0.1035i	0.0684+0.0841i
36.8	0.4823+0.3660i	−0.0758−0.7903i	−1.3706−0.7732i	0.4068+0.8491i	0.0168−0.0034i	−0.0889−0.1681i	0.0219+0.0918i	0.0717+0.0731i
36.9	0.4866+0.3928i	−0.0228−0.8515i	−1.4290−0.7941i	0.3789+0.9258i	0.0281−0.0083i	−0.0806−0.1650i	0.0354+0.1051i	0.0754+0.0907i
37.0	0.5314+0.4135i	0.0233−0.9345i	−1.5545−0.8691i	0.3619+0.9839i	0.0301−0.0037i	−0.0989−0.1844i	0.0359+0.1075i	0.0538+0.0842i
37.1	0.5784+0.4616i	0.0219−1.0229i	−1.6827−0.7946i	0.3893+1.0280i	0.0320+0.0025i	−0.1001−0.1938i	0.0521+0.1132i	0.0386+0.0883i

37.2	0.6343+0.4839i	-0.0622-1.0779i	-1.7156-0.7890i	0.4726+0.9901i	0.0215-0.0095i	-0.1251-0.2162i	0.0379+0.1026i	0.0377+0.0965i
37.3	0.6829+0.4822i	-0.1148-1.0973i	-1.7487-0.7137i	0.5380+0.9604i	0.0544-0.0260i	-0.1456-0.2031i	0.0505+0.0972i	0.0282+0.1294i
37.4	0.7512+0.4557i	-0.0392-1.1191i	-1.8573-0.6435i	0.3390+0.9435i	0.0500-0.0456i	-0.1595-0.2107i	0.0535+0.0934i	0.0149+0.1619i
37.5	0.8164+0.4177i	-0.0455-1.2181i	-1.8801-0.5906i	0.2455+1.1033i	0.0288-0.0601i	-0.1552-0.2185i	0.0561+0.0715i	0.0473+0.1510i
37.6	0.8312+0.3696i	-0.1262-1.3317i	-2.0603-0.5305i	0.3214+1.2691i	0.0103-0.0534i	-0.1507-0.2228i	0.0405+0.0978i	0.0582+0.1389i
37.7	0.8480+0.3453i	-0.2878-1.3615i	-2.1263-0.4154i	0.5092+1.2555i	-0.0247-0.0461i	-0.1590-0.2493i	0.0404+0.1219i	0.1053+0.1409i
37.8	0.8467+0.2879i	-0.3734-1.4175i	-2.1964-0.2796i	0.6223+1.3238i	-0.0361-0.0421i	-0.1666-0.3030i	0.0560+0.1431i	0.1493+0.1310i
37.9	0.8759+0.2639i	-0.4214-1.4211i	-2.2203-0.2768i	0.6621+1.3246i	-0.0258-0.0487i	-0.1878-0.3528i	0.0798+0.1357i	0.1464+0.1019i
38.0	0.9008+0.2608i	-0.4904-1.4385i	-2.3324-0.1525i	0.6950+1.3338i	-0.0274-0.0359i	-0.2536-0.3888i	0.1011+0.1347i	0.1458+0.0633i
38.1	0.9677+0.1996i	-0.4445-1.4515i	-2.5112+0.0343i	0.5366+1.4062i	-0.0585-0.0194i	-0.3450-0.3844i	0.1069+0.1231i	0.1252+0.0291i
38.2	0.9808+0.1618i	-0.5871-1.5146i	-2.5867+0.1782i	0.6753+1.5134i	-0.0567-0.0080i	-0.3887-0.3382i	0.1048+0.1080i	0.0936+0.0403i
38.3	0.9663+0.1316i	-0.6900-1.4903i	-2.6326+0.4096i	0.8129+1.5325i	-0.0526-0.0003i	-0.4173-0.3039i	0.1075+0.1107i	0.0815+0.0528i
38.4	0.9486+0.0680i	-0.7109-1.4836i	-2.5987+0.7555i	0.8640+1.6162i	-0.0567+0.0083i	-0.4220-0.2901i	0.1058+0.1113i	0.1058+0.0416i
38.5	0.9168-0.0093i	-0.7297-1.5013i	-2.5271+1.0948i	0.8937+1.7002i	-0.0523+0.0099i	-0.4127-0.2862i	0.1056+0.1007i	0.1076+0.0378i
38.6	0.9027-0.0499i	-0.8072-1.4410i	-2.4083+1.2347i	1.0039+1.6111i	-0.0433+0.0203i	-0.4188-0.2431i	0.1166+0.1071i	0.0919+0.0212i
38.7	0.8139-0.1107i	-0.8886-1.4214i	-2.2748+1.6130i	1.1717+1.6154i	-0.0356+0.0153i	-0.4468-0.2331i	0.1169+0.1087i	0.0834+0.0250i
38.8	0.7957-0.1322i	-0.9235-1.4393i	-2.0766+1.8322i	1.2756+1.6165i	-0.0382+0.0077i	-0.4611-0.2306i	0.1216+0.1250i	0.0865+0.0385i
38.9	0.7804-0.1341i	-0.9478-1.4305i	-1.7104+1.8392i	1.3228+1.5908i	-0.0317-0.0006i	-0.4957-0.2368i	0.1257+0.1233i	0.0739+0.0353i
39.0	0.7240-0.1667i	-1.0159-1.3625i	-1.4698+1.9461i	1.4063+1.5005i	-0.0467-0.0038i	-0.5332-0.1861i	0.1415+0.1192i	0.0647+0.0344i
39.1	0.6610-0.1459i	-1.0962-1.3736i	-1.1434+1.9059i	1.5704+1.4287i	-0.0531-0.0026i	-0.5513-0.1712i	0.1343+0.1311i	0.0656+0.0367i
39.2	0.5740-0.1088i	-1.1402-1.3773i	-0.8328+1.9443i	1.6342+1.4468i	-0.0696+0.0143i	-0.5982-0.1498i	0.1167+0.1337i	0.0573+0.0308i
39.3	0.5539-0.0809i	-1.1747-1.3293i	-0.5760+1.8335i	1.6398+1.3574i	-0.0847+0.0220i	-0.6419-0.1250i	0.1235+0.1535i	0.0473+0.0426i
39.4	0.5544-0.0480i	-1.2383-1.2968i	-0.3832+1.7345i	1.7143+1.2433i	-0.0761+0.0235i	-0.6519-0.0807i	0.1382+0.1761i	0.0546+0.0628i
39.5	0.5963+0.0004i	-1.2739-1.2650i	-0.1957+1.4841i	1.6739+1.1456i	-0.0810+0.0217i	-0.6698-0.0162i	0.1683+0.1983i	0.0625+0.0620i
39.6	0.5486+0.0603i	-1.3632-1.2295i	-0.0793+1.3549i	1.7595+1.0967i	-0.0753+0.0432i	-0.6861+0.0461i	0.2039+0.2026i	0.0529+0.0672i
39.7	0.5621+0.1058i	-1.3938-1.1729i	-0.1204+1.3202i	1.8163+0.9812i	-0.0642+0.0541i	-0.6802+0.0786i	0.2263+0.1878i	0.0477+0.0662i
39.8	0.6153+0.0713i	-1.4530-1.1645i	0.1932+1.4180i	1.9343+1.0031i	-0.0648+0.0649i	-0.6508+0.1151i	0.2459+0.1947i	0.0634+0.0749i
39.9	0.6146+0.0762i	-1.4772-1.0942i	0.4014+1.1470i	1.8835+0.8693i	-0.0686+0.0551i	-0.6365+0.1452i	0.2701+0.2063i	0.0682+0.0725i
40.0	0.5842+0.0984i	-1.5132-1.0393i	0.4458+0.9340i	1.9225+0.7803i	-0.0550+0.0658i	-0.6303+0.1704i	0.2977+0.1911i	0.0520+0.0788i
40.1	0.6074+0.1044i	-1.5183-0.9968i	0.4482+0.7425i	1.9335+0.6953i	-0.0560+0.0702i	-0.6218+0.2073i	0.3208+0.1894i	0.0635+0.0907i
40.2	0.6562+0.1242i	-1.5580-0.9827i	0.5662+0.4862i	1.9391+0.6816i	-0.0640+0.0679i	-0.6262+0.2441i	0.3616+0.1961i	0.0867+0.1025i
40.3	0.6763+0.0784i	-1.5834-0.9288i	0.4864+0.2545i	1.8984+0.6408i	-0.0780+0.0779i	-0.5992+0.2753i	0.4003+0.1607i	0.0983+0.1040i
40.4	0.6992+0.0676i	-1.5431-0.8465i	0.4839+0.0749i	1.8212+0.5917i	-0.0661+0.0799i	-0.5983+0.3017i	0.4215+0.1232i	0.0965+0.0737i
40.5	0.6921+0.0458i	-1.5381-0.8074i	0.4246-0.1570i	1.7784+0.5599i	-0.0633+0.0861i	-0.5744+0.3329i	0.4366+0.0877i	0.0991+0.0623i
40.6	0.6718+0.0554i	-1.5506-0.8090i	0.3107-0.2759i	1.7860+0.5788i	-0.0636+0.0963i	-0.5545+0.3525i	0.4477+0.0642i	0.0969+0.0802i
40.7	0.6904+0.1180i	-1.5951-0.7839i	0.3895-0.4682i	1.8671+0.5511i	-0.0535+0.1032i	-0.5511+0.3728i	0.4549+0.0485i	0.1015+0.0883i
40.8	0.6879+0.1514i	-1.5662-0.7514i	0.3557-0.5116i	1.8674+0.4967i	-0.0444+0.0997i	-0.5257+0.3968i	0.4557+0.0295i	0.0965+0.0896i
40.9	0.7222+0.1024i	-1.5972-0.7102i	0.2533-0.7711i	1.9262+0.3682i	-0.0460+0.0996i	-0.4866+0.4340i	0.4668+0.0139i	0.1136+0.0646i
41.0	0.6781+0.1467i	-1.6126-0.6263i	0.0661-0.8957i	1.8480+0.2680i	-0.0494+0.1123i	-0.4753+0.4499i	0.4792-0.0175i	0.1043+0.0734i
41.1	0.7210+0.2034i	-1.5913-0.5947i	-0.2169-0.8030i	1.8214+0.3317i	-0.0493+0.1278i	-0.4483+0.4650i	0.4663-0.0427i	0.0992+0.0724i
41.2	0.7611+0.1402i	-1.6045-0.6367i	-0.3676-0.8232i	1.8399+0.3711i	-0.0506+0.1368i	-0.4416+0.5022i	0.4642-0.0558i	0.0866+0.0709i
41.3	0.7507+0.0193i	-1.5868-0.6019i	-0.5108-0.8603i	1.8268+0.3140i	-0.0577+0.1448i	-0.4267+0.5313i	0.4596-0.0844i	0.1047+0.0558i
41.4	0.7497+0.0376i	-1.5677-0.5661i	-0.5631-0.9228i	1.7776+0.2489i	-0.0517+0.1393i	-0.3719+0.5321i	0.4648-0.0899i	0.1120+0.0587i
41.5	0.7825+0.0969i	-1.5839-0.5332i	-0.6654-0.9323i	1.7808+0.1511i	-0.0426+0.1486i	-0.3459+0.5616i	0.4701-0.1040i	0.0955+0.0584i
41.6	0.7929+0.0712i	-1.5741-0.5384i	-0.8545-0.9134i	1.7518+0.1237i	-0.0481+0.1596i	-0.3227+0.5796i	0.4766-0.1361i	0.1098+0.0797i
41.7	0.7907+0.0796i	-1.5543-0.5374i	-0.9287-0.8938i	1.6905+0.1652i	-0.0462+0.1790i	-0.2896+0.5795i	0.4839-0.1494i	0.0991+0.0663i
41.8	0.8320+0.0473i	-1.5587-0.5162i	-1.1366-0.8743i	1.5868+0.1802i	-0.0276+0.1944i	-0.2362+0.5879i	0.4906-0.1743i	0.0903+0.0487i
41.9	0.8820-0.0190i	-1.6320-0.5192i	-1.1599-0.8964i	1.6128+0.1472i	-0.0207+0.2062i	-0.1913+0.6316i	0.5122-0.1956i	0.1195+0.0541i
42.0	0.8214+0.0226i	-1.6287-0.4955i	-1.1112-0.9411i	1.7102+0.2389i	0.0090+0.2051i	-0.1657+0.6395i	0.4927-0.1986i	0.1155+0.0653i
42.1	0.8239+0.0679i	-1.6285-0.4917i	-1.3117-0.9643i	1.7990+0.2447i	0.0260+0.2126i	-0.1168+0.6392i	0.4973-0.2084i	0.1230+0.0740i
42.2	0.9261-0.0473i	-1.6628-0.5103i	-1.6110-0.9218i	1.7032+0.1823i	0.0029+0.2161i	-0.0403+0.6629i	0.5448-0.2345i	0.1421+0.0844i
42.3	0.9028-0.1110i	-1.6783-0.4802i	-1.6489-0.7882i	1.6510+0.2100i	0.0089+0.2275i	0.0052+0.5781i	0.5522-0.2831i	0.1321+0.0824i
42.4	0.9523-0.0561i	-1.6996-0.4559i	-1.8093-0.7526i	1.7226+0.2792i	0.0384+0.2338i	0.0066+0.5562i	0.5549-0.3199i	0.1316+0.0739i
42.5	0.9312-0.2145i	-1.7511-0.4799i	-1.8273-0.5339i	1.9060+0.2121i	0.0501+0.2348i	0.0141+0.5490i	0.5485-0.3532i	0.1633+0.0714i
42.6	0.8115-0.1730i	-1.7588-0.4601i	-1.7805-0.4916i	1.8980+0.1622i	0.0619+0.2227i	0.0509+0.5283i	0.5623-0.3811i	0.1665+0.0736i
42.7	0.7922-0.1512i	-1.7555-0.4356i	-1.8941-0.3124i	1.8146+0.1768i	0.0761+0.2367i	0.0972+0.4963i	0.5602-0.4600i	0.1672+0.0537i
42.8	0.7642-0.1091i	-1.7383-0.4212i	-1.8100-0.1731i	1.6269+0.1455i	0.0868+0.2440i	0.1222+0.4638i	0.5329-0.5090i	0.1713+0.0361i
42.9	0.8372-0.0942i	-1.7848-0.4223i	-1.8463-0.1917i	1.7184+0.3216i	0.1043+0.2396i	0.1512+0.4418i	0.4818-0.5490i	0.1647+0.0535i
43.0	0.8462-0.2011i	-1.8751-0.3641i	-2.0226-0.1957i	2.0001+0.2844i	0.1248+0.2251i	0.2080+0.4125i	0.4206-0.5986i	0.1755+0.0397i
43.1	0.8129-0.2509i	-1.8970-0.3045i	-2.0356-0.0051i	2.1198+0.2131i	0.1185+0.2253i	0.2167+0.3780i	0.3843-0.6071i	0.1842+0.0440i
43.2	0.7955-0.1886i	-1.8821-0.2625i	-1.8898+0.1654i	2.1933-0.0080i	0.1349+0.2138i	0.2286+0.3274i	0.3619-0.5973i	0.2108+0.0358i
43.3	0.8021-0.2019i	-1.8927-0.2453i	-1.7213+0.1683i	2.0919-0.1207i	0.1373+0.2219i	0.2324+0.2737i	0.3605-0.6466i	0.2261+0.0108i
43.4	0.7295-0.2842i	-1.8734-0.2269i	-1.5778+0.1923i	1.8820-0.1271i	0.1362+0.2361i	0.2136+0.2202i	0.3264-0.6929i	0.2084-0.0093i

43.5	0.6291-0.1471i	-1.8891-0.2005i	-1.6649-0.0850i	1.8150+0.0144i	0.1452+0.2800i	0.1824+0.1678i	0.2551-0.7287i	0.1889-0.0366i
43.6	0.8239-0.0727i	-1.9194-0.1864i	-2.0321-0.0740i	2.0226+0.0506i	0.1945+0.2638i	0.1771+0.1287i	0.2000-0.7322i	0.1904-0.0388i
43.7	0.8577-0.2175i	-1.9195-0.1782i	-2.0256+0.1882i	2.1306-0.0807i	0.2194+0.2464i	0.1293+0.1077i	0.1431-0.7393i	0.1666-0.0302i
43.8	0.6842-0.2787i	-1.8897-0.0929i	-1.6672+0.2427i	1.8876-0.3429i	0.2087+0.2247i	0.0730+0.0702i	0.1478-0.7418i	0.1543-0.0597i
43.9	0.6233-0.1753i	-1.9165-0.0894i	-1.7418+0.0776i	1.7303-0.3208i	0.2337+0.2341i	0.0780+0.0224i	0.0811-0.7833i	0.1631-0.0889i
44.0	0.6968-0.0882i	-1.9189-0.0768i	-1.9768+0.0323i	1.7041-0.1645i	0.2706+0.2284i	0.0512+0.0003i	-0.0564-0.8002i	0.1484-0.0971i
44.1	0.7130-0.0703i	-1.9266-0.1149i	-1.9778+0.0174i	1.6335+0.1390i	0.2806+0.2250i	-0.0330-0.0268i	-0.1737-0.7464i	0.0950-0.0985i
44.2	0.8183+0.0108i	-1.9830-0.0778i	-2.2487-0.0123i	1.9029+0.2477i	0.3240+0.1978i	-0.0512+0.0039i	-0.2483-0.6800i	0.0904-0.0686i
44.3	1.0034-0.0981i	-1.9785-0.0647i	-2.6045+0.1604i	2.0312+0.3330i	0.3505+0.1841i	-0.0296+0.0008i	-0.2685-0.6404i	0.0852-0.0809i
44.4	0.9718-0.3097i	-2.0141-0.0165i	-2.5552+0.7962i	2.3537+0.2543i	0.3610+0.1675i	-0.0785+0.0339i	-0.2896-0.5123i	0.0862-0.0620i
44.5	0.7755-0.3650i	-2.0129+0.0472i	-2.0709+0.9008i	2.5076-0.1101i	0.3469+0.1467i	-0.1362+0.0609i	-0.2611-0.4048i	0.0798-0.0301i
44.6	0.7942-0.3579i	-2.0011+0.0625i	-1.9520+0.8776i	2.4047-0.2442i	0.3324+0.1304i	-0.1534+0.0825i	-0.2711-0.3506i	0.0624-0.0315i
44.7	0.7054-0.3885i	-2.0249+0.0970i	-1.9112+0.7848i	2.3935-0.3226i	0.3279+0.1084i	-0.1565+0.0686i	-0.2775-0.3252i	0.0517-0.0221i
44.8	0.6087-0.3203i	-2.0293+0.1230i	-1.9585+0.7463i	2.4195-0.3739i	0.3437+0.0943i	-0.1401+0.0473i	-0.2638-0.3119i	0.0741-0.0307i
44.9	0.5714-0.1359i	-1.9980+0.1555i	-1.9281+0.6191i	2.2517-0.5985i	0.3574+0.1260i	-0.1098+0.0891i	-0.2113-0.2614i	0.0891-0.0122i
45.0	0.7780-0.0891i	-1.9869+0.1073i	-2.3111+0.6249i	2.1029-0.3376i	0.3981+0.1330i	-0.1644+0.0690i	-0.1861-0.2193i	0.0756-0.0262i
45.1	0.8438-0.2359i	-2.0255+0.1321i	-2.3477+1.0688i	2.3026-0.4603i	0.4166+0.0803i	-0.1994+0.0806i	-0.1457-0.1468i	0.0690-0.0109i
45.2	0.7009-0.2491i	-2.0476+0.1669i	-2.0218+1.1894i	2.2571-0.6658i	0.4220+0.0433i	-0.2295+0.0738i	-0.0938-0.1458i	0.0676+0.0025i
45.3	0.7316-0.1853i	-2.0777+0.1383i	-2.0293+1.0973i	2.2577-0.5940i	0.4626+0.0601i	-0.2457+0.1247i	-0.0568-0.1329i	0.0603+0.0229i
45.4	0.7107-0.3158i	-2.1966+0.2011i	-1.7773+1.2658i	2.3611-0.8791i	0.4588-0.0058i	-0.2278+0.1356i	-0.0071-0.1528i	0.0618+0.0391i
45.5	0.5910-0.1504i	-2.1743+0.2005i	-1.8111+0.8078i	2.1236-0.7254i	0.4294-0.0064i	-0.2886+0.1034i	0.0039-0.1251i	0.0709+0.0086i
45.6	0.7168-0.0721i	-2.2004+0.1887i	-2.1596+1.0231i	2.3914-0.5631i	0.4648-0.0406i	-0.3359+0.2067i	0.0698-0.1099i	0.0621+0.0278i
45.7	0.7264-0.1894i	-2.2319+0.2599i	-1.9707+1.2665i	2.3618-0.8676i	0.4583-0.0675i	-0.2778+0.2325i	0.1214-0.1461i	0.0901+0.0305i
45.8	0.7521-0.1580i	-2.2532+0.2507i	-2.0416+1.2084i	2.2219-0.7159i	0.4657-0.0672i	-0.2670+0.2300i	0.1477-0.1553i	0.0943+0.0244i
45.9	0.8324-0.1508i	-2.2726+0.2579i	-2.0443+1.3095i	2.3762-0.5524i	0.4943-0.1261i	-0.2487+0.2910i	0.2126-0.1859i	0.0862+0.0603i
46.0	0.8498-0.1542i	-2.3220+0.3093i	-1.9448+1.5236i	2.5803-0.7838i	0.4756-0.1578i	-0.2350+0.3284i	0.2932-0.2194i	0.0909+0.0655i
46.1	0.9087-0.1795i	-2.4385+0.3999i	-2.0028+1.7107i	2.8897-0.9950i	0.4381-0.2222i	-0.2118+0.3481i	0.3066-0.2602i	0.1082+0.0643i
46.2	0.8932-0.3555i	-2.4546+0.5482i	-1.5595+1.9119i	2.6648-1.6769i	0.3708-0.2556i	-0.1109+0.3612i	0.2990-0.3894i	0.1306+0.0519i
46.3	0.7682-0.3237i	-2.3856+0.5248i	-1.3678+1.5479i	2.1114-1.6327i	0.3695-0.1957i	-0.0706+0.2687i	0.3117-0.4039i	0.1258+0.0110i
46.4	0.8642-0.2327i	-2.4136+0.5052i	-1.6607+1.4563i	2.0450-1.3823i	0.3900-0.1924i	-0.0215+0.2285i	0.3714-0.4650i	0.1210+0.0256i
46.5	0.8826-0.3909i	-2.4598+0.5427i	-1.4852+1.5292i	1.9639-1.4678i	0.3485-0.2090i	-0.0308+0.0711i	0.3422-0.6092i	0.1519+0.0291i
46.6	0.7820-0.3954i	-2.4897+0.5717i	-1.5200+1.4585i	1.8824-1.3229i	0.3556-0.2046i	-0.2339+0.0482i	0.2366-0.6591i	0.1483+0.0083i
46.7	0.7713-0.4333i	-2.4900+0.6149i	-1.4459+1.5210i	1.7226-1.3062i	0.3551-0.2162i	-0.3181+0.1286i	0.1485-0.6729i	0.1362-0.0072i
46.8	0.6391-0.3750i	-2.5501+0.5894i	-1.4773+1.1823i	1.8083-0.8056i	0.3882-0.2067i	-0.3770+0.1708i	0.1033-0.6503i	0.1065-0.0065i
46.9	0.6750-0.2419i	-2.6586+0.6755i	-1.8542+1.2734i	2.3371-0.7678i	0.4036-0.2596i	-0.3970+0.2755i	0.0973-0.6535i	0.1189+0.0127i
47.0	0.7993-0.3448i	-2.7438+0.9057i	-1.8098+1.9065i	2.5849-1.4220i	0.3891-0.3082i	-0.2900+0.3789i	0.0571-0.7046i	0.1133+0.0187i
47.1	0.6792-0.4645i	-2.7204+0.9918i	-1.4142+1.9420i	2.3501-1.7630i	0.3845-0.3090i	-0.2646+0.2926i	0.0259-0.7274i	0.0997-0.0002i
47.2	0.4680-0.3777i	-2.7109+1.0982i	-1.2020+1.5236i	1.9918-1.7919i	0.4133-0.3348i	-0.3943+0.2339i	-0.0216-0.7686i	0.1075-0.0122i
47.3	0.4836-0.2236i	-2.7526+1.1556i	-1.4123+1.4959i	1.9645-1.8341i	0.3843-0.3648i	-0.4458+0.3675i	-0.1037-0.7670i	0.1215-0.0360i
47.4	0.5133-0.0900i	-2.7674+1.1374i	-1.4851+1.4157i	1.9121-1.6158i	0.3408-0.4098i	-0.4484+0.4855i	-0.1706-0.7362i	0.1116-0.0473i
47.5	0.5674+0.0400i	-2.7241+1.2037i	-1.5616+1.4888i	1.7971-1.5235i	0.3344-0.4200i	-0.3821+0.5704i	-0.1898-0.6787i	0.0628-0.0463i
47.6	0.7111+0.1729i	-2.7408+1.2650i	-1.6477+1.4520i	1.8550-1.4775i	0.3134-0.4325i	-0.2937+0.5811i	-0.1679-0.6363i	0.0324-0.0149i
47.7	1.0373+0.1629i	-2.7137+1.3381i	-1.7575+1.7381i	1.8126-1.6928i	0.2912-0.4754i	-0.2556+0.5451i	-0.1691-0.6624i	0.0298-0.0032i
47.8	1.1344-0.0248i	-2.7096+1.4777i	-1.5417+1.9528i	1.7128-1.7137i	0.2686-0.4921i	-0.2501+0.5445i	-0.2055-0.6753i	0.0165+0.0397i
47.9	1.1690-0.1531i	-2.7517+1.6360i	-1.4547+1.9689i	1.7846-1.8419i	0.2290-0.5416i	-0.2572+0.6043i	-0.2351-0.7129i	0.0331+0.0736i
48.0	1.2413-0.1902i	-2.7283+1.7718i	-1.6111+2.1641i	1.7538-1.9372i	0.1966-0.5674i	-0.2335+0.6592i	-0.2540-0.7280i	0.0484+0.0880i
48.1	1.0963-0.4300i	-2.5365+1.8786i	-1.0654+2.1616i	1.3223-1.9696i	0.1119-0.5855i	-0.1736+0.6229i	-0.3835-0.7203i	0.1083+0.0644i
48.2	0.9732-0.3547i	-2.5349+1.9310i	-1.0131+1.8446i	1.3334-1.8598i	0.0637-0.5627i	-0.1401+0.6790i	-0.4314-0.6712i	0.1134+0.0680i
48.3	0.9048-0.2598i	-2.4665+2.0143i	-1.0010+1.6875i	1.2323-1.8687i	0.0384-0.5078i	-0.0715+0.6515i	-0.4259-0.6242i	0.1247+0.0519i
48.4	0.8840-0.0345i	-2.4766+2.0103i	-1.1873+1.3875i	1.2259-1.5753i	0.0871-0.4853i	-0.0820+0.6438i	-0.4097-0.6241i	0.0927+0.0782i
48.5	1.1751-0.0110i	-2.4058+2.0547i	-1.5233+1.4909i	1.3412-1.5591i	0.0510-0.5112i	-0.0820+0.7017i	-0.4848-0.6000i	0.1028+0.1053i
48.6	1.3545-0.1035i	-2.4338+2.0581i	-1.7225+1.7464i	1.5164-1.5758i	0.0210-0.5315i	-0.0393+0.6910i	-0.5151-0.5485i	0.0972+0.1233i
48.7	1.5025-0.3109i	-2.4973+2.0797i	-1.8067+2.0159i	1.6798-1.5641i	-0.0006-0.5431i	0.0139+0.7031i	-0.5489-0.5111i	0.1089+0.1301i
48.8	1.4869-0.7729i	-2.4173+2.1976i	-1.4701+2.5398i	1.4807-1.8815i	-0.0363-0.4994i	0.1338+0.6968i	-0.5753-0.4398i	0.1296+0.1273i
48.9	1.1593-0.7904i	-2.3506+2.1748i	-0.9675+2.3335i	1.2688-1.8298i	-0.0695-0.4772i	0.1601+0.6134i	-0.5243-0.4305i	0.1418+0.1551i
49.0	1.0122-0.6878i	-2.2848+2.1392i	-0.8847+1.8245i	1.1008-1.5505i	-0.0718-0.4469i	0.1175+0.5609i	-0.4815-0.3678i	0.1624+0.1659i
49.1	0.9528-0.6488i	-2.3114+2.1754i	-1.0403+1.7031i	1.2237-1.3637i	-0.0613-0.4592i	0.0570+0.5318i	-0.4854-0.3500i	0.1854+0.1798i
49.2	0.9514-0.5369i	-2.4005+2.2513i	-1.1940+1.5795i	1.3698-1.3745i	-0.1037-0.4658i	0.0355+0.5699i	-0.4367-0.3281i	0.2365+0.1528i
49.3	1.0793-0.4147i	-2.3253+2.2721i	-1.4540+1.5685i	1.3503-1.4725i	-0.1416-0.4187i	0.0518+0.5800i	-0.3614-0.3727i	0.2310+0.1006i
49.4	1.3024-0.5192i	-2.1801+2.3103i	-1.7086+1.9346i	1.2925-1.5238i	-0.1432-0.3666i	0.0631+0.5280i	-0.4098-0.4199i	0.2132+0.0410i
49.5	1.2211-0.6936i	-2.2370+2.4028i	-1.4804+2.1853i	1.3352-1.6150i	-0.1888-0.3688i	0.0586+0.5150i	-0.4619-0.3898i	0.2458+0.0261i
49.6	1.1019-0.6541i	-2.2589+2.4671i	-1.3306+2.0656i	1.1942-1.5586i	-0.1917-0.3343i	0.1126+0.5591i	-0.5091-0.3715i	0.2764+0.0260i
49.7	1.2861-0.5798i	-2.3605+2.3796i	-1.7865+1.9641i	1.4579-1.2760i	-0.1747-0.3069i	0.0951+0.6303i	-0.4882-0.3490i	0.2788+0.0274i

49.8	1.5642-0.7883i	-2.3975+2.4819i	-2.1283+2.4828i	1.7704-1.5317i	-0.1723-0.3396i	0.1741+0.6382i	-0.5187-0.3309i	0.3006+0.0315i
49.9	1.2731-1.2440i	-2.3310+2.7387i	-1.4395+3.0589i	1.5566-1.9534i	-0.1605-0.2921i	0.2193+0.5884i	-0.5128-0.2570i	0.2658+0.0473i
50.0	0.9642-1.1881i	-2.2881+2.8231i	-0.9924+2.7547i	1.2880-1.8811i	-0.1683-0.2417i	0.2088+0.5975i	-0.4855-0.1771i	0.2695-0.0161i
50.1	0.8787-1.1346i	-2.4085+2.9268i	-1.0204+2.7158i	1.4062-1.7931i	-0.1477-0.2383i	0.2761+0.5941i	-0.3991-0.1486i	0.2413-0.0199i
50.2	0.8372-1.1711i	-2.4238+3.0668i	-0.9247+2.7152i	1.4259-1.8514i	-0.0947-0.2285i	0.3698+0.5303i	-0.3519-0.1753i	0.2367-0.0153i
50.3	0.7046-1.2659i	-2.3651+3.1133i	-0.6379+2.7373i	1.2979-1.7623i	-0.0726-0.2501i	0.3314+0.4801i	-0.3402-0.2220i	0.2082+0.0213i
50.4	0.3533-1.1659i	-2.2583+3.2749i	-0.2507+2.3971i	1.1320-1.5948i	-0.0514-0.2411i	0.2582+0.3974i	-0.2647-0.2361i	0.1913+0.0590i
50.5	0.3682-0.8262i	-2.2376+3.4047i	-0.6094+2.0138i	1.4064-1.4890i	-0.0389-0.2662i	0.3013+0.4532i	-0.2422-0.2973i	0.2559+0.0702i
50.6	0.5508-0.7777i	-2.2593+3.5546i	-0.8916+2.2935i	1.7065-1.6326i	-0.0271-0.3159i	0.3322+0.4671i	-0.2568-0.3521i	0.2641+0.0869i
50.7	0.5100-0.8738i	-2.1882+3.6379i	-0.6343+2.4307i	1.5934-1.8073i	-0.0611-0.3374i	0.3307+0.4308i	-0.2658-0.3670i	0.2702+0.0740i
50.8	0.2956-0.6834i	-2.0511+3.7725i	-0.4935+2.0162i	1.4222-1.7806i	-0.0908-0.3259i	0.3203+0.3804i	-0.2572-0.4023i	0.2886+0.0589i
50.9	0.3259-0.5290i	-2.1085+3.9462i	-0.8119+1.8525i	1.6242-1.7690i	-0.0625-0.3264i	0.2965+0.3787i	-0.2625-0.4688i	0.3014+0.0625i
51.0	0.3746-0.5541i	-2.0235+4.0738i	-0.7693+1.9672i	1.6385-1.9676i	-0.0556-0.3490i	0.2673+0.4269i	-0.2826-0.5322i	0.3270+0.0492i
51.1	0.3812-0.2989i	-1.8612+4.1817i	-0.9736+1.6390i	1.6384-1.9330i	-0.0559-0.3447i	0.2832+0.4450i	-0.2977-0.5807i	0.3673+0.0300i
51.2	0.6179-0.2381i	-1.7249+4.3597i	-1.3188+1.8342i	1.6242-1.9402i	-0.0717-0.3561i	0.3730+0.3889i	-0.3985-0.6193i	0.3767-0.0029i
51.3	0.7087-0.3303i	-1.6488+4.4191i	-1.3463+2.2153i	1.6233-2.0517i	-0.0893-0.3967i	0.3817+0.3455i	-0.4592-0.6553i	0.3365-0.0022i
51.4	0.6369-0.3385i	-1.5162+4.5448i	-0.9983+2.2941i	1.5567-2.2106i	-0.1109-0.4587i	0.3191+0.3057i	-0.4923-0.7142i	0.3179+0.0672i
51.5	0.5569-0.1080i	-1.3155+4.6756i	-0.9681+1.6193i	1.5196-2.1539i	-0.1599-0.4711i	0.2235+0.3512i	-0.5599-0.7630i	0.3956+0.0812i
51.6	0.8450+0.0416i	-1.2242+4.6551i	-1.5105+1.6240i	1.6078-2.0692i	-0.1958-0.4377i	0.2488+0.3397i	-0.6693-0.7048i	0.4147+0.0172i
51.7	1.2046-0.1221i	-1.0256+4.8100i	-1.7340+2.2627i	1.5167-2.3721i	-0.1923-0.4205i	0.2958+0.2696i	-0.7620-0.6382i	0.3811-0.0354i
51.8	1.1155-0.2038i	-0.8556+4.7787i	-1.5160+2.3540i	1.4171-2.3610i	-0.1730-0.4372i	0.2702+0.2030i	-0.7573-0.5960i	0.3453-0.0311i
51.9	1.1198-0.0675i	-0.6788+4.7953i	-1.6493+2.1454i	1.3999-2.2370i	-0.1814-0.4596i	0.1912+0.2202i	-0.7807-0.5866i	0.3616+0.0137i
52.0	1.1607+0.0091i	-0.4255+5.0173i	-2.0008+2.0646i	1.4396-2.2661i	-0.1973-0.4512i	0.1491+0.2981i	-0.8553-0.6191i	0.4127+0.0254i
52.1	1.4467+0.1415i	-0.1673+4.9769i	-2.1791+2.2776i	1.2875-2.3118i	-0.2018-0.5323i	0.1492+0.3008i	-0.9029-0.6270i	0.4070+0.0300i
52.2	1.7206+0.0547i	-0.1382+4.9113i	-2.3453+2.5441i	1.3704-2.1585i	-0.2442-0.6421i	0.1772+0.3199i	-0.9804-0.6460i	0.4372+0.0529i
52.3	1.9044-0.3022i	0.0085+4.9473i	-2.2239+3.1049i	1.4775-2.2302i	-0.3788-0.6915i	0.2005+0.2741i	-1.0876-0.6561i	0.4576+0.0302i
52.4	1.6505-0.5576i	0.1514+5.0375i	-1.8390+2.9546i	1.5280-2.3085i	-0.5221-0.6427i	0.1745+0.1744i	-1.2181-0.6575i	0.4943+0.0148i
52.5	1.7445-0.3136i	0.3634+5.0791i	-2.2983+2.6729i	1.6502-2.2732i	-0.5689-0.5608i	0.0746+0.1562i	-1.4041-0.6036i	0.5286-0.0023i
52.6	2.1013-0.3271i	0.5789+5.0100i	-2.5879+3.0150i	1.6003-2.5544i	-0.6663-0.5080i	-0.0225+0.2192i	-1.5966-0.4741i	0.5786+0.0124i
52.7	2.0747-0.7288i	0.6773+4.8612i	-2.5578+3.3302i	1.6029-2.5888i	-0.8299-0.3452i	-0.0902+0.3167i	-1.7970-0.1689i	0.7001-0.0597i
52.8	2.2040-0.7457i	0.8616+4.7876i	-2.9048+3.6434i	1.6410-2.6432i	-0.8507-0.1636i	-0.0832+0.4290i	-1.8345+0.1824i	0.7422-0.1955i
52.9	2.2811-0.9527i	0.8049+4.7916i	-2.9199+4.2175i	1.8596-2.8261i	-0.7070-0.0776i	0.0512+0.4257i	-1.6518+0.4370i	0.6708-0.3025i
53.0	2.3030-0.9935i	0.9306+4.8619i	-2.6906+4.6155i	1.9233-3.2023i	-0.5776-0.0793i	0.0820+0.3526i	-1.4049+0.5447i	0.6344-0.2941i
53.1	2.4934-1.3401i	1.0930+4.8009i	-2.6313+5.0556i	1.7708-3.5192i	-0.6077-0.0889i	0.0426+0.4145i	-1.3284+0.5146i	0.6029-0.2829i
53.2	2.3532-1.8561i	1.3035+4.7915i	-2.2362+5.4659i	1.4775-3.7684i	-0.6195-0.0200i	0.0317+0.4060i	-1.2787+0.6089i	0.5496-0.2966i
53.3	2.0225-2.0396i	1.5154+4.8010i	-1.7205+5.5112i	1.1255-3.8404i	-0.5985+0.0556i	-0.0355+0.3893i	-1.1367+0.6926i	0.5575-0.2556i
53.4	1.7198-1.8111i	1.6140+4.6057i	-1.4521+5.1576i	0.7515-3.7043i	-0.5221+0.1171i	-0.1774+0.3940i	-0.9484+0.6472i	0.5651-0.2406i
53.5	1.9945-1.6243i	1.6738+4.5540i	-1.9088+5.3544i	0.8336-3.6615i	-0.4072+0.0524i	-0.2513+0.4729i	-0.9590+0.5379i	0.6159-0.2666i
53.6	2.3255-1.8718i	1.8236+4.5780i	-1.9282+5.7651i	0.7303-3.7892i	-0.4526+0.0041i	-0.4017+0.5825i	-1.0734+0.5498i	0.7244-0.3043i
53.7	2.1594-2.2544i	1.9512+4.4454i	-1.6204+6.2776i	0.5399-3.8000i	-0.4462+0.0799i	-0.3799+0.8816i	-1.1642+0.6783i	0.7902-0.4325i
53.8	1.9254-2.1910i	2.0139+4.3441i	-1.3782+6.0291i	0.3671-3.6232i	-0.3796+0.0703i	-0.3387+1.1276i	-1.1212+0.7451i	0.8232-0.4905i
53.9	2.2028-2.3069i	1.9552+4.1999i	-1.6194+6.5557i	0.4054-3.4777i	-0.3395-0.0326i	-0.0411+1.3352i	-1.0404+0.8472i	0.7436-0.6677i
54.0	1.9600-2.6718i	2.0206+4.2365i	-0.8984+7.1596i	0.3366-3.5225i	-0.3504-0.1110i	0.2083+1.2535i	-0.8856+0.9567i	0.6025-0.6490i
54.1	1.6928-2.5709i	2.1957+4.0823i	-0.4509+6.8342i	0.1366-3.3270i	-0.4156-0.1521i	0.2046+1.1469i	-0.7698+0.9342i	0.6084-0.5847i
54.2	2.0196-2.5927i	2.1802+4.1446i	-1.2906+6.9218i	0.5735-3.4284i	-0.5372-0.1553i	0.1786+1.3674i	-0.8734+0.9713i	0.8556-0.7653i
54.3	2.2303-3.0721i	2.1451+4.1243i	-1.3009+8.0363i	0.6470-3.6534i	-0.5824-0.1480i	0.4933+1.5282i	-0.8229+1.0653i	0.7649-1.0386i
54.4	1.7674-3.6828i	2.2839+4.2580i	0.0680+8.9998i	0.2886-3.9910i	-0.6356-0.1372i	0.8303+1.3411i	-0.6615+1.1368i	0.4572-1.0932i
54.5	1.2826-3.9673i	2.5344+4.3977i	1.1933+9.2471i	-0.1463-4.1228i	-0.7193-0.0523i	0.9204+1.2285i	-0.5171+1.1734i	0.3501-1.0578i
54.6	0.8128-3.8806i	2.7621+4.2608i	2.2033+8.8654i	-0.4231-4.0065i	-0.8024+0.0397i	0.9335+1.0983i	-0.4128+1.1320i	0.3160-0.9966i
54.7	0.4775-3.6181i	2.8725+4.1520i	2.8203+8.1371i	-0.5455-3.8135i	-0.8091+0.1092i	0.8414+1.0294i	-0.3585+1.0457i	0.3874-0.9667i
54.8	0.5555-3.2530i	2.8924+3.9020i	2.2505+7.6026i	-0.3891-3.5848i	-0.7517+0.2200i	0.9977+1.2791i	-0.3972+1.0218i	0.4034-1.2113i
54.9	0.5525-3.5417i	2.9509+3.9094i	2.4492+8.3126i	-0.3052-3.6567i	-0.7301+0.2916i	1.3053+1.1617i	-0.3143+1.1413i	0.0887-1.2966i
55.0	0.2161-3.6516i	3.1500+3.8936i	3.3354+8.3172i	-0.4381-3.7204i	-0.7022+0.3319i	1.3916+0.8787i	-0.2184+1.1496i	-0.0582-1.1928i
55.1	-0.0995-3.5539i	3.4016+3.7856i	3.9870+7.9453i	-0.7358-3.6407i	-0.6907+0.3863i	1.4198+0.6344i	-0.1061+1.1129i	-0.1591-1.0851i
55.2	-0.3292-3.3856i	3.4516+3.6996i	4.3508+7.4441i	-0.8423-3.4832i	-0.6297+0.4381i	1.3824+0.4809i	-0.0206+1.0441i	-0.2262-0.9629i
55.3	-0.5285-3.1643i	3.6129+3.4945i	4.8487+6.9929i	-1.0001-3.4622i	-0.6041+0.4689i	1.3243+0.3643i	0.0689+0.9839i	-0.2022-0.8859i
55.4	-0.5146-2.8281i	3.6680+3.3468i	4.6163+6.2209i	-1.0293-3.2587i	-0.6074+0.5053i	1.1330+0.4172i	0.0125+0.8921i	-0.0498-0.8392i
55.5	-0.2591-2.8423i	3.6802+3.2541i	4.0418+6.3563i	-0.8397-3.2695i	-0.5853+0.5757i	1.2338+0.5355i	0.0256+0.9424i	-0.1887-1.0171i
55.6	-0.3474-3.0705i	3.8330+3.1353i	4.6501+7.0242i	-0.8805-3.4169i	-0.5123+0.6198i	1.4073+0.3685i	0.1983+0.9834i	-0.4478-0.9730i
55.7	-0.5657-3.0433i	3.9030+3.0188i	5.3811+6.8278i	-1.1927-3.3126i	-0.4999+0.6216i	1.3309+0.1726i	0.2631+0.8825i	-0.4327-0.7641i
55.8	-0.7059-2.8875i	3.9545+2.8503i	5.8079+6.4309i	-1.3292-3.2559i	-0.4718+0.6040i	1.2362+0.0322i	0.3082+0.7842i	-0.4165-0.6572i
55.9	-0.7287-2.7327i	3.9424+2.7270i	5.9083+6.0250i	-1.3744-3.1223i	-0.4533+0.6256i	1.1218+0.0486i	0.2802+0.7439i	-0.3091-0.6383i
56.0	-0.6386-2.5556i	3.8620+2.6302i	5.8020+5.6080i	-1.3355-2.9722i	-0.4214+0.7515i	1.1581+0.2472i	0.2563+0.7752i	-0.3061-0.8258i

56.1	-0.4884-2.5053i	3.9325+2.5685i	5.5330+5.6023i	-1.2202-2.9266i	-0.2862+0.8398i	1.4067+0.2847i	0.3202+0.8330i	-0.5367-0.9569i
56.2	-0.5222-2.5699i	4.0542+2.3840i	6.0323+5.5692i	-1.3826-2.9511i	-0.1991+0.7960i	1.3639-0.0014i	0.4085+0.7208i	-0.5405-0.6765i
56.3	-0.5797-2.6064i	4.1153+2.3332i	6.3981+5.5247i	-1.4081-2.9723i	-0.1900+0.8175i	1.2511-0.0874i	0.4257+0.6720i	-0.4299-0.6184i
56.4	-0.5928-2.5880i	4.1310+2.3009i	6.5160+5.2558i	-1.3073-3.0617i	-0.1907+0.8325i	1.1662-0.1119i	0.4488+0.6241i	-0.3764-0.6164i
56.5	-0.5289-2.6185i	4.0727+2.2158i	6.6440+5.0441i	-1.4481-2.7809i	-0.1206+0.8504i	1.1606-0.1153i	0.4212+0.5891i	-0.2987-0.6590i
56.6	-0.6409-2.6843i	4.1097+2.0759i	6.8373+4.7444i	-1.3365-2.6225i	-0.0399+0.8699i	1.1213-0.1430i	0.4459+0.5458i	-0.3541-0.6596i
56.7	-0.6951-2.7094i	4.1592+1.8542i	7.2478+4.3874i	-1.3496-2.6771i	0.0399+0.8957i	1.0957-0.1753i	0.4802+0.4941i	-0.4284-0.7091i
56.8	-0.6986-2.6843i	4.1602+1.7721i	7.4086+4.1805i	-1.3308-2.8680i	0.0919+0.8627i	1.0608-0.2118i	0.5098+0.4665i	-0.4104-0.7810i
56.9	-0.8113-2.7499i	4.1924+1.7295i	7.5640+3.8298i	-1.4607-2.8235i	0.1755+0.8937i	0.9924-0.1854i	0.5097+0.4194i	-0.4688-0.7685i
57.0	-0.8899-2.7308i	4.1595+1.6302i	7.6129+3.5826i	-1.4419-2.6806i	0.2496+0.8987i	0.9837-0.1426i	0.4910+0.4012i	-0.5336-0.7682i
57.1	-0.9574-2.6892i	4.1544+1.5267i	7.6742+3.2246i	-1.5424-2.5394i	0.3824+0.9333i	1.0962-0.0021i	0.4697+0.4069i	-0.6330-0.8838i
57.2	-0.8575-2.6708i	4.1563+1.5904i	7.4278+3.1965i	-1.4691-2.5743i	0.5180+0.8538i	1.3753-0.1728i	0.5583+0.4149i	-0.9203-0.8259i
57.3	-0.7381-2.8575i	4.1919+1.6224i	7.5950+3.4268i	-1.5286-2.6717i	0.5727+0.7045i	1.4375-0.5626i	0.6369+0.3465i	-1.0904-0.5959i
57.4	-0.8475-2.9643i	4.1722+1.5001i	7.9052+3.1259i	-1.6734-2.4548i	0.5603+0.6178i	1.1580-0.7081i	0.6094+0.2734i	-0.9712-0.4297i
57.5	-1.0519-3.0444i	4.1891+1.4613i	8.2182+2.6893i	-1.5805-2.4956i	0.5758+0.5593i	1.0006-0.7561i	0.5670+0.2265i	-0.8556-0.4079i
57.6	-1.2104-3.1268i	4.3104+1.4769i	8.5920+2.3488i	-1.5523-2.3742i	0.6524+0.5403i	0.9306-0.7322i	0.5822+0.1658i	-0.8322-0.3572i
57.7	-1.4229-3.1217i	4.4044+1.3625i	8.6807+1.7557i	-1.5920-2.1831i	0.6693+0.5025i	0.8585-0.6851i	0.6154+0.0820i	-0.8218-0.3469i
57.8	-1.5269-3.1921i	4.3751+1.3272i	8.6623+1.3128i	-1.6145-2.1160i	0.6621+0.4820i	0.7973-0.7094i	0.6296+0.0507i	-0.8692-0.3378i
57.9	-1.6626-3.0666i	4.4337+1.3083i	8.3063+1.0926i	-1.2826-2.0113i	0.6382+0.4514i	0.7264-0.7274i	0.6040+0.0090i	-0.9157-0.3474i
58.0	-1.9463-3.0513i	4.5745+1.2014i	8.4705+0.4135i	-1.1245-2.0882i	0.6780+0.3302i	0.6010-0.8285i	0.5774-0.0895i	-0.9916-0.3085i
58.1	-1.9975-2.9941i	4.7322+1.0827i	8.5209+0.0215i	-1.2391-2.1101i	0.6675+0.3245i	0.5123-0.7841i	0.5695-0.1257i	-0.9961-0.3081i
58.2	-2.0593-2.9883i	4.8412+0.9876i	8.0317-0.2495i	-1.0720-2.0622i	0.6717+0.3186i	0.5550-0.6699i	0.4948-0.1563i	-1.0769-0.2748i
58.3	-2.3344-3.1644i	4.9773+0.8698i	8.3268-0.2853i	-1.0158-2.1182i	0.7035+0.3264i	0.4946-0.7148i	0.4846-0.2118i	-1.2012-0.1007i
58.4	-2.5958-3.1017i	4.9516+0.8076i	8.5100-0.8206i	-1.0328-2.0733i	0.7859+0.2694i	0.4035-0.7313i	0.4072-0.2247i	-1.1871-0.0621i
58.5	-2.7468-2.8580i	4.9716+0.6046i	7.9359-1.4731i	-0.7656-2.0141i	0.8598+0.1532i	0.4582-0.7155i	0.3027-0.2353i	-1.2085+0.0789i
58.6	-2.9469-2.6557i	5.0162+0.2367i	7.6079-1.8861i	-0.7099-2.2576i	0.8328+0.0989i	0.3397-0.7692i	0.2223-0.2835i	-1.0959+0.3889i
58.7	-2.9839-2.6271i	5.0809+0.0135i	7.6892-2.0615i	-0.8552-2.3022i	0.8317+0.0782i	0.2511-0.7176i	0.2125-0.2854i	-1.0607+0.4692i
58.8	-3.2232-2.4372i	5.1842-0.2257i	7.4628-2.5211i	-0.8492-2.4828i	0.8567+0.0018i	0.2160-0.6540i	0.1362-0.2538i	-0.9467+0.5523i
58.9	-3.2974-2.2892i	5.0061-0.2327i	6.8956-2.7845i	-0.7103-2.6067i	0.8231-0.0284i	0.1468-0.6375i	0.0773-0.2250i	-0.8411+0.7065i
59.0	-3.3034-2.0377i	4.8926-0.4199i	6.5306-2.8067i	-0.7382-2.9421i	0.8538-0.0652i	0.2196-0.6128i	0.0931-0.1349i	-0.7299+0.7472i
59.1	-3.4502-1.9653i	4.9277-0.5267i	6.2349-2.9314i	-0.7113-3.1472i	0.8073-0.0989i	0.0794-0.5896i	0.0448-0.0936i	-0.5617+0.6988i
59.2	-3.5869-1.7703i	4.9066-0.7167i	5.9415-3.1237i	-0.7976-3.2333i	0.8575-0.1366i	0.0405-0.4821i	0.0184-0.0350i	-0.3977+0.7000i
59.3	-3.6283-1.6197i	4.8461-0.8831i	5.6418-3.2269i	-0.9938-3.3199i	0.8629-0.1806i	0.0084-0.3790i	0.0305+0.0118i	-0.2862+0.6607i
59.4	-3.6172-1.3531i	4.7295-1.0724i	5.2823-3.1826i	-1.2497-3.4384i	0.8455-0.2592i	0.0302-0.2974i	0.0931+0.0649i	-0.2243+0.6057i
59.5	-3.6779-1.1380i	4.6700-1.2088i	4.9236-3.1089i	-1.3794-3.5639i	0.8502-0.3015i	0.0570-0.2233i	0.1529+0.0968i	-0.2099+0.5251i
59.6	-3.6998-0.9496i	4.4994-1.3957i	4.5724-3.1897i	-1.5126-3.5388i	0.8410-0.3720i	0.1479-0.1148i	0.1793+0.0728i	-0.1384+0.4969i
59.7	-3.7619-0.6940i	4.4184-1.5430i	4.2808-3.1181i	-1.6595-3.6840i	0.8260-0.4473i	0.1334-0.0927i	0.2372+0.0906i	-0.0807+0.5045i
59.8	-3.7176-0.4021i	4.3293-1.5274i	3.9038-2.8471i	-1.8650-3.9592i	0.7817-0.4624i	0.1536-0.0412i	0.3249+0.1242i	-0.0672+0.4512i
59.9	-3.6988-0.3668i	2.4647+0.4438i	2.0441-0.8836i	-2.4964-3.4508i	0.7928-0.4865i	0.1693+0.0057i	0.4088+0.0808i	-0.1352+0.4301i
60.0	-3.7424-0.1672i	0.0578+2.4390i	-0.3293+1.2204i	-3.3160-3.0085i	0.7847-0.5980i	0.2183-0.0307i	0.4798+0.0273i	-0.1084+0.3989i
60.1	-3.6570-0.0686i	2.3408+0.6053i	1.9165-0.2536i	-2.9658-3.3352i	0.7592-0.6724i	0.3017-0.0690i	0.5196-0.0773i	-0.1378+0.3864i
60.2	-3.5956+0.0722i	4.1682-1.8385i	3.5846-2.3212i	-2.4068-3.8794i	0.7247-0.7219i	0.3593-0.0625i	0.5691-0.1346i	-0.1907+0.4237i
60.3	-3.4497+0.2994i	4.0216-2.0191i	3.5534-2.2696i	-2.7557-3.7350i	0.6823-0.7624i	0.3976-0.1267i	0.5914-0.2447i	-0.2126+0.4570i
60.4	-3.3241+0.4356i	3.9884-2.1021i	3.5770-2.2567i	-3.1354-3.5959i	0.6154-0.7917i	0.3951-0.1524i	0.6361-0.3633i	-0.2390+0.5257i
60.5	-3.2555+0.4301i	3.9280-2.0548i	3.6994-2.1640i	-3.2747-3.5787i	0.5958-0.8489i	0.4222-0.2137i	0.6563-0.5142i	-0.2528+0.6156i
60.6	-3.2715+0.5805i	3.8791-2.2013i	3.7488-2.1882i	-3.4197-3.4481i	0.5479-0.9289i	0.3270-0.2843i	0.5688-0.6402i	-0.1536+0.7036i
60.7	-3.0735+0.6685i	3.7509-2.2199i	3.7756-2.1160i	-3.5337-3.3078i	0.4844-0.9473i	0.2395-0.2896i	0.4342-0.7147i	-0.0009+0.6860i
60.8	-3.0158+0.8062i	3.7014-2.2988i	3.7475-2.1718i	-3.5355-3.3375i	0.4142-0.9592i	0.1632-0.2152i	0.3043-0.7508i	0.1852+0.6812i
60.9	-2.8966+1.0538i	3.5529-2.4677i	3.5421-2.2709i	-3.8592-3.2614i	0.3260-0.9613i	0.1292-0.1183i	0.1808-0.7599i	0.3224+0.5931i
61.0	-2.7748+1.1110i	3.5383-2.5416i	3.5777-2.2466i	-4.1712-3.1125i	0.3130-0.9665i	0.1427-0.0366i	0.1175-0.7579i	0.3678+0.5394i
61.1	-2.6318+1.2280i	3.5056-2.6380i	3.5136-2.2338i	-4.4513-3.0927i	0.2922-0.9544i	0.1642+0.0390i	0.0736-0.7684i	0.4112+0.4534i
61.2	-2.4322+1.4062i	3.3038-2.7940i	3.5226-2.2600i	-4.7593-2.9367i	0.2602-0.9910i	0.3092+0.1066i	0.0414-0.7624i	0.4570+0.2812i
61.3	-2.4066+1.5064i	3.1973-2.8481i	3.3987-2.1932i	-4.5837-2.7478i	0.2107-0.9893i	0.3651+0.1262i	0.0311-0.7084i	0.4500+0.2051i
61.4	-2.3639+1.4697i	3.1778-2.8084i	3.4938-2.0270i	-4.4088-2.6182i	0.2319-1.0614i	0.4344+0.1585i	-0.0038-0.6697i	0.4514+0.1442i
61.5	-2.0650+1.4295i	3.0486-2.8707i	3.6153-2.1202i	-4.7124-2.3665i	0.1534-1.1274i	0.5807+0.1651i	-0.0054-0.7151i	0.3203+0.0441i
61.6	-1.8957+1.5117i	2.8812-2.9230i	3.4955-2.1332i	-4.7706-2.3379i	0.1237-1.1217i	0.6108+0.1321i	-0.0073-0.8017i	0.2524+0.0249i
61.7	-1.8194+1.6377i	2.7837-3.0681i	3.4875-2.1938i	-4.8666-2.1491i	0.0594-1.1799i	0.7456+0.1249i	-0.0771-0.8504i	0.2437-0.0100i
61.8	-1.6998+1.5767i	2.6877-3.0393i	3.4719-2.1443i	-4.8950-1.8636i	-0.0914-1.2528i	0.8471+0.0861i	-0.1650-0.8505i	0.1714-0.0268i
61.9	-1.5547+1.5742i	2.4959-3.1169i	3.4290-2.2775i	-5.0002-1.6552i	-0.2143-1.2579i	0.8372-0.0102i	-0.2732-0.8874i	0.1563+0.0021i
62.0	-1.4766+1.6018i	2.3838-3.1372i	3.3472-2.3000i	-5.0074-1.5265i	-0.3237-1.2456i	0.9450-0.0956i	-0.3663-0.8643i	0.1640-0.0127i
62.1	-1.3679+1.6076i	2.3077-3.1105i	3.3359-2.1744i	-5.2311-1.4581i	-0.4224-1.2313i	0.9550-0.1550i	-0.4599-0.8614i	0.1770+0.0462i
62.2	-1.2523+1.5656i	2.2425-3.1075i	3.4573-2.1620i	-5.3783-1.4050i	-0.4875-1.2086i	0.9522-0.2673i	-0.5385-0.8375i	0.1784+0.0492i
62.3	-1.1503+1.4922i	2.1344-3.1857i	3.5727-2.3316i	-5.2807-0.8942i	-0.5680-1.1505i	1.0336-0.3409i	-0.6425-0.7527i	0.1616+0.0331i

62.4	−1.0118+1.5377i	1.9097−3.2296i	3.4599−2.4645i	−5.2150−0.6663i	−0.6264−1.0771i	1.0434−0.4352i	−0.7200−0.6492i	0.1932−0.0099i
62.5	−0.8858+1.4426i	1.7960−3.1870i	3.4768−2.5089i	−5.2580−0.3040i	−0.7067−1.0599i	1.0273−0.5279i	−0.8135−0.5840i	0.2340−0.0091i
62.6	−0.8615+1.4281i	1.7621−3.1989i	3.4781−2.5270i	−5.2879−0.1467i	−0.7652−1.0370i	1.0133−0.6103i	−0.8527−0.5394i	0.2387+0.0020i
62.7	−0.6960+1.3837i	1.6133−3.1388i	3.4468−2.4925i	−5.2505−0.0174i	−0.7918−0.9863i	0.9605−0.7047i	−0.8594−0.4257i	0.2358−0.0489i
62.8	−0.6147+1.3142i	1.4788−3.1147i	3.3971−2.6434i	−5.1825+0.1758i	−0.8619−0.9448i	0.9528−0.8301i	−0.8762−0.3547i	0.2573−0.0753i
62.9	−0.5596+1.2682i	1.3321−3.1451i	3.3776−2.8665i	−5.2049+0.4394i	−0.9489−0.9045i	0.8832−0.9571i	−0.9198−0.2707i	0.2771−0.0933i
63.0	−0.5751+1.1112i	1.2779−3.0497i	3.3433−2.9410i	−4.8310+0.5252i	−0.9940−0.8335i	0.7923−0.9664i	−0.8902−0.1738i	0.3001−0.1274i
63.1	−0.4912+1.2070i	1.2478−3.0653i	3.3180−2.9632i	−5.1031+0.5165i	−1.0793−0.8079i	0.7502−1.0063i	−0.9139−0.1044i	0.3141−0.2399i
63.2	−0.3567+1.0999i	1.1913−3.0296i	3.4230−2.9464i	−5.0659+0.7845i	−1.1105−0.7652i	0.7439−1.0267i	−0.8874−0.0395i	0.2702−0.2678i
63.3	−0.2711+1.0504i	1.1235−2.9811i	3.3922−2.9755i	−4.9129+1.0564i	−1.1289−0.6258i	0.6928−1.0633i	−0.8577+0.0476i	0.2232−0.3230i
63.4	−0.2577+1.0355i	1.0144−3.0498i	3.3404−3.2461i	−4.9247+1.2695i	−1.1821−0.5228i	0.5709−1.1009i	−0.7912+0.1142i	0.1660−0.3519i
63.5	−0.1975+1.0122i	0.9804−3.0878i	3.3926−3.3174i	−5.0016+1.3933i	−1.2029−0.4683i	0.5151−1.1651i	−0.7420+0.1652i	0.1318−0.3902i
63.6	−0.0587+0.8326i	0.8404−3.0073i	3.3856−3.4093i	−4.9140+1.7385i	−1.1848−0.3942i	0.4779−1.2506i	−0.6756+0.2219i	0.0759−0.3961i
63.7	0.0006+0.6273i	0.7565−2.8753i	3.3827−3.5032i	−4.6823+2.0526i	−1.1855−0.3194i	0.4256−1.3083i	−0.5701+0.2372i	−0.0056−0.3720i
63.8	−0.1031+0.5752i	0.6949−2.8049i	3.1857−3.6258i	−4.4622+2.0604i	−1.1697−0.2488i	0.2488−1.2476i	−0.5211+0.2185i	−0.0286−0.3562i
63.9	−0.0977+0.5307i	0.6274−2.7548i	3.0969−3.6781i	−4.3530+2.1354i	−1.1693−0.2081i	0.1472−1.2760i	−0.5001+0.1986i	−0.0300−0.3508i
64.0	−0.1324+0.4287i	0.5648−2.7192i	2.9387−3.8443i	−4.0063+2.4887i	−1.1753−0.0955i	0.0289−1.2721i	−0.4469+0.2069i	−0.0578−0.3491i
64.1	−0.0545+0.3654i	0.5177−2.6911i	2.8284−3.7968i	−3.7517+2.7795i	−1.1168−0.0044i	−0.0998−1.2103i	−0.4315+0.2014i	−0.0643−0.3345i
64.2	−0.0638+0.3098i	0.4947−2.6306i	2.6335−3.9042i	−3.4617+3.0337i	−1.0351+0.1169i	−0.2265−1.0832i	−0.3861+0.1668i	−0.1156−0.3089i
64.3	−0.0977+0.2922i	0.4763−2.6148i	2.6379−3.9712i	−3.4790+2.9810i	−0.9963+0.1631i	−0.2413−1.0275i	−0.3734+0.1214i	−0.1517−0.3209i
64.4	−0.0961+0.2267i	0.4247−2.5937i	2.6039−4.0032i	−3.2724+2.8638i	−0.9341+0.1667i	−0.2566−0.9664i	−0.3541+0.0796i	−0.1656−0.2830i
64.5	−0.0208+0.1488i	0.3594−2.6023i	2.4809−4.0723i	−2.8833+3.2688i	−0.8395+0.1729i	−0.2224−0.9417i	−0.3236+0.0622i	−0.1756−0.2570i
64.6	−0.1146+0.1033i	0.3594−2.5649i	2.3273−4.1319i	−2.5321+3.2753i	−0.7564+0.1722i	−0.2249−0.9267i	−0.3587+0.0342i	−0.1531−0.2490i
64.7	−0.1594+0.0674i	0.3498−2.4928i	2.2087−4.1260i	−2.3979+3.1044i	−0.7083+0.1545i	−0.2445−0.8948i	−0.3941−0.0115i	−0.1263−0.2135i
64.8	−0.1948+0.0646i	0.3160−2.4664i	2.0515−4.1497i	−2.2832+3.0348i	−0.6843+0.1233i	−0.2732−0.8903i	−0.4057−0.0257i	−0.1334−0.2000i
64.9	−0.2354−0.1276i	0.2234−2.3913i	1.9316−4.2129i	−1.8255+2.8833i	−0.6507+0.0199i	−0.3156−0.9295i	−0.4056−0.0820i	−0.1301−0.2069i
65.0	−0.3053−0.1355i	0.2050−2.3848i	1.7750−4.2093i	−1.6366+2.7946i	−0.6771−0.0147i	−0.4006−0.8887i	−0.4603−0.1003i	−0.1268−0.1931i
65.1	−0.3856−0.0706i	0.1459−2.3583i	1.5427−4.1638i	−1.5478+2.5489i	−0.6984−0.0175i	−0.4923−0.7955i	−0.5422−0.0499i	−0.0891−0.2020i
65.2	−0.4094−0.0852i	0.1432−2.3838i	1.4613−4.2320i	−1.2910+2.7253i	−0.7257−0.0177i	−0.4765−0.7644i	−0.6120−0.0116i	−0.0786−0.2737i
65.3	−0.4152−0.0640i	0.1650−2.3363i	1.4060−4.0573i	−1.1966+2.6363i	−0.7269−0.0235i	−0.4527−0.6343i	−0.5908+0.0349i	−0.0960−0.2936i
65.4	−0.4918−0.1364i	0.1029−2.2399i	1.2680−3.9883i	−0.9946+2.2972i	−0.7361−0.0092i	−0.4944−0.5040i	−0.5785+0.0269i	−0.1152−0.3063i
65.5	−0.4997−0.0277i	0.0388−2.2823i	1.0844−3.9529i	−0.9391+2.2934i	−0.7155+0.0179i	−0.4545−0.4008i	−0.6043+0.0174i	−0.1264−0.3191i
65.6	−0.5781+0.0087i	−0.0117−2.2794i	0.9280−3.9340i	−0.7553+2.0854i	−0.7243+0.0113i	−0.3960−0.3353i	−0.6701−0.0100i	−0.1780−0.3105i
65.7	−0.6201+0.0671i	−0.0126−2.2825i	0.8795−3.9349i	−0.8085+1.9235i	−0.7765−0.0007i	−0.3043−0.2878i	−0.7489+0.0230i	−0.1867−0.2652i
65.8	−0.6839+0.0392i	−0.0243−2.2203i	0.8493−3.8874i	−0.7098+1.7403i	−0.8309−0.0069i	−0.2355−0.2774i	−0.8238+0.1183i	−0.2086−0.2828i
65.9	−0.7114−0.0891i	−0.0769−2.1225i	0.8296−3.9035i	−0.5968+1.5072i	−0.8814+0.0015i	−0.1966−0.2892i	−0.8523+0.1640i	−0.2319−0.2779i
66.0	−0.5960−0.1336i	−0.1617−2.1043i	0.8477−3.8458i	−0.5714+1.3614i	−0.9300−0.0176i	−0.1002−0.3427i	−0.8375+0.2718i	−0.2919−0.2816i
66.1	−0.6600−0.0563i	−0.1669−2.0952i	0.7494−3.8426i	−0.6818+1.1675i	−0.9932+0.0132i	−0.0778−0.3977i	−0.8519+0.3827i	−0.3339−0.2952i
66.2	−0.6335−0.1795i	−0.2356−2.0127i	0.6711−3.7932i	−0.6339+1.1325i	−1.0388+0.0563i	−0.0985−0.4861i	−0.8133+0.4432i	−0.3824−0.2643i
66.3	−0.5484−0.1097i	−0.2461−2.0509i	0.6914−3.8349i	−0.8710+1.2307i	−1.0927+0.1142i	−0.1195−0.5581i	−0.7495+0.5268i	−0.4088−0.2784i
66.4	−0.6787+0.0698i	−0.2166−2.0408i	0.5668−3.8058i	−1.1701+1.1762i	−1.1365+0.2211i	−0.1513−0.5666i	−0.7035+0.6300i	−0.3958−0.2599i
66.5	−0.9033−0.0252i	−0.2617−1.9279i	0.3456−3.8813i	−1.1138+1.0056i	−1.1726+0.3615i	−0.2261−0.6340i	−0.6481+0.7150i	−0.4539−0.2216i
66.6	−0.9392−0.1495i	−0.2846−1.9137i	0.3472−3.9602i	−0.8075+0.9663i	−1.2266+0.4556i	−0.3074−0.6462i	−0.6043+0.7393i	−0.5105−0.2081i
66.7	−0.7468+0.1602i	−0.3168−1.9489i	0.2282−3.6738i	−1.0359+1.2411i	−1.0890+0.5430i	−0.2975−0.6362i	−0.4535+0.7965i	−0.4947−0.2302i
66.8	−0.7144+0.1502i	−0.3057−1.8856i	0.2990−3.5852i	−1.0396+1.1268i	−1.0599+0.6105i	−0.3159−0.6400i	−0.3741+0.7944i	−0.5198−0.2168i
66.9	−0.6706+0.0423i	−0.3295−1.7934i	0.3234−3.4565i	−0.8588+1.0079i	−1.0063+0.6542i	−0.3481−0.6050i	−0.2966+0.7428i	−0.5496−0.1836i
67.0	−0.8145−0.0425i	−0.3710−1.7528i	0.1759−3.5507i	−0.7647+0.7430i	−0.9325+0.7576i	−0.4525−0.5853i	−0.2509+0.7272i	−0.5627−0.1053i
67.1	−0.8527+0.0114i	−0.3679−1.7047i	0.0365−3.5627i	−0.9601+0.7081i	−0.8710+0.8189i	−0.5407−0.5516i	−0.1829+0.7483i	−0.5840−0.0756i
67.2	−0.8133+0.0986i	−0.3358−1.6782i	0.0135−3.4430i	−1.0282+0.8584i	−0.7963+0.8663i	−0.5553−0.4525i	−0.0998+0.6816i	−0.6213−0.0160i
67.3	−0.8015−0.0383i	−0.4156−1.6024i	−0.0207−3.4808i	−0.9308+0.6961i	−0.7226+0.9073i	−0.5837−0.3721i	−0.0438+0.6270i	−0.6561+0.0328i
67.4	−0.7466+0.0941i	−0.4272−1.6135i	−0.1265−3.4116i	−1.0478+0.8152i	−0.6071+0.9392i	−0.5860−0.3375i	0.0471+0.5672i	−0.6636+0.1126i
67.5	−0.7107+0.2269i	−0.4099−1.6306i	−0.2037−3.2686i	−1.1403+0.9140i	−0.5163+0.9410i	−0.5553−0.2323i	0.0742+0.5269i	−0.6338+0.1470i
67.6	−0.7654+0.1139i	−0.4245−1.5615i	−0.2771−3.2786i	−1.1834+0.8137i	−0.4427+0.9581i	−0.5372−0.1613i	0.0770+0.4224i	−0.6411+0.2375i
67.7	−0.7237−0.0000i	−0.4498−1.4895i	−0.2919−3.2862i	−0.9801+0.8181i	−0.3659+0.9463i	−0.5032−0.1351i	0.0778+0.3378i	−0.6093+0.3224i
67.8	−0.6528+0.0046i	−0.4579−1.4786i	−0.2635−3.1843i	−0.8928+0.8117i	−0.3014+0.8584i	−0.4568−0.1544i	0.0772+0.2925i	−0.5911+0.3482i
67.9	−0.7289−0.0272i	−0.4574−1.4583i	−0.3260−3.2075i	−0.8930+0.7034i	−0.2082+0.8236i	−0.3335−0.1610i	0.0288+0.2691i	−0.5426+0.3656i
68.0	−0.5701+0.0753i	−0.4735−1.4740i	−0.3635−3.0636i	−0.8835+0.9218i	−0.1317+0.7631i	−0.2719−0.1836i	0.0048+0.2056i	−0.4806+0.4194i
68.1	−0.6774−0.0246i	−0.4486−1.3780i	−0.3315−3.0576i	−1.0560+0.7251i	−0.1801+0.6749i	−0.3053−0.2192i	−0.0548+0.1953i	−0.4374+0.4551i
68.2	−0.7231−0.0386i	−0.4233−1.3560i	−0.4057−3.0644i	−1.0277+0.7410i	−0.1486+0.6410i	−0.3206−0.2385i	−0.0964+0.2068i	−0.3545+0.4544i
68.3	−0.5952−0.0380i	−0.4782−1.3296i	−0.4801−2.8602i	−0.8708+0.6709i	−0.1184+0.6017i	−0.2513−0.2421i	−0.1265+0.1779i	−0.2523+0.4354i
68.4	−0.7155−0.0488i	−0.4447−1.3101i	−0.5106−2.8680i	−0.9980+0.6141i	−0.1861+0.6293i	−0.3107−0.2580i	−0.1577+0.1788i	−0.2292+0.4715i
68.5	−0.7098−0.0631i	−0.4077−1.2778i	−0.4552−2.8028i	−1.1031+0.6394i	−0.2205+0.5685i	−0.3940−0.2250i	−0.1780+0.1844i	−0.1869+0.4450i
68.6	−0.5696−0.1219i	−0.4318−1.2505i	−0.4056−2.6703i	−0.8823+0.7183i	−0.1980+0.4952i	−0.3734−0.2439i	−0.1800+0.1776i	−0.1682+0.4034i

68.7	-0.6340-0.2928i	-0.4450-1.1909i	-0.5094-2.7071i	-0.8139+0.5882i	-0.2338+0.4873i	-0.4241-0.2578i	-0.1998+0.1805i	-0.1653+0.4076i
68.8	-0.5878-0.3509i	-0.4610-1.1521i	-0.5036-2.6427i	-0.8052+0.5978i	-0.2573+0.4429i	-0.4394-0.2885i	-0.1876+0.1803i	-0.1688+0.3934i
68.9	-0.7656-0.3888i	-0.3983-1.1475i	-0.5813-2.5484i	-0.9742+0.4944i	-0.3007+0.5088i	-0.4542-0.1381i	-0.2328+0.2382i	-0.0953+0.3469i
69.0	-0.9394-0.5201i	-0.3857-1.1378i	-0.6608-2.6196i	-1.0131+0.3080i	-0.3174+0.5456i	-0.4957-0.1474i	-0.2526+0.2786i	-0.0845+0.3297i
69.1	-1.0570-0.5736i	-0.3831-1.1276i	-0.7243-2.5237i	-0.9826+0.2764i	-0.3426+0.5494i	-0.5103-0.1458i	-0.2372+0.3028i	-0.0928+0.3226i
69.2	-1.0540-0.6206i	-0.3837-1.1285i	-0.6357-2.3701i	-0.9179+0.1924i	-0.3725+0.5460i	-0.4752-0.1721i	-0.2321+0.3193i	-0.0815+0.2884i
69.3	-1.2361-0.7643i	-0.3582-1.0864i	-0.5454-2.3348i	-1.0833+0.0773i	-0.4069+0.5814i	-0.5260-0.1531i	-0.2317+0.3539i	-0.0727+0.2760i
69.4	-1.4735-0.6382i	-0.3767-1.0815i	-0.6825-2.1672i	-1.3526+0.1349i	-0.3498+0.6231i	-0.6296-0.0611i	-0.1644+0.3935i	-0.0621+0.2505i
69.5	-1.7319-0.5853i	-0.3607-1.0851i	-0.7601-2.1665i	-1.4984+0.0436i	-0.3097+0.6778i	-0.6548+0.0025i	-0.1611+0.4687i	-0.0379+0.1817i
69.6	-1.9355-0.5228i	-0.3490-1.0832i	-0.7183-2.1316i	-1.5662+0.0102i	-0.2791+0.7094i	-0.6484+0.0668i	-0.1448+0.5148i	-0.0607+0.1313i
69.7	-2.0956-0.5187i	-0.3536-1.0470i	-0.6755-2.1376i	-1.6387-0.0806i	-0.2388+0.7448i	-0.6547+0.1658i	-0.1000+0.5211i	-0.0948+0.1189i
69.8	-2.2485-0.5261i	-0.3245-1.0078i	-0.5652-2.0642i	-1.7398-0.1646i	-0.2283+0.7438i	-0.6683+0.2334i	-0.0390+0.5011i	-0.1538+0.1048i
69.9	-2.3907-0.4311i	-0.2948-0.9660i	-0.4885-2.0108i	-1.9036-0.1585i	-0.2388+0.7407i	-0.6082+0.3254i	-0.0248+0.4512i	-0.1843+0.1093i
70.0	-2.5159-0.2675i	-0.2804-0.9282i	-0.4170-1.9051i	-2.0561-0.0788i	-0.2459+0.7209i	-0.5088+0.4365i	0.0415+0.4325i	-0.2541+0.0975i
70.1	-2.7360-0.0997i	-0.2537-0.8991i	-0.3279-1.7974i	-2.2749-0.1619i	-0.2872+0.7249i	-0.4464+0.4499i	0.1290+0.3931i	-0.3291+0.1236i
70.2	-2.8797+0.1570i	-0.2434-0.9080i	-0.3522-1.7978i	-2.5405+0.0362i	-0.2636+0.7224i	-0.3917+0.4210i	0.2050+0.3476i	-0.3965+0.1677i
70.3	-2.8971+0.3732i	-0.2295-0.8973i	-0.3121-1.7394i	-2.5751+0.2657i	-0.2675+0.7565i	-0.3278+0.4439i	0.2059+0.2451i	-0.4318+0.2465i
70.4	-3.0969+0.6819i	-0.1756-0.8746i	-0.1967-1.6229i	-2.8057+0.3822i	-0.2604+0.8248i	-0.2744+0.5034i	0.2607+0.1141i	-0.4873+0.3484i
70.5	-3.1391+1.0702i	-0.1193-0.8968i	-0.1018-1.6360i	-2.9745+0.7281i	-0.2437+0.8815i	-0.2756+0.5731i	0.2746-0.0432i	-0.4893+0.4643i
70.6	-3.2272+1.3511i	-0.0770-0.9272i	-0.0216-1.6291i	-3.1637+0.9596i	-0.1989+0.9361i	-0.2745+0.5718i	0.2342-0.1347i	-0.4852+0.5590i
70.7	-3.2111+1.6522i	-0.0381-0.9777i	0.1057-1.7634i	-3.0625+1.1395i	-0.1048+1.0045i	-0.1998+0.5508i	0.1240-0.2409i	-0.4287+0.6849i
70.8	-2.9597+2.0010i	-0.0134-1.0086i	0.1925-1.9781i	-3.0062+1.4848i	0.0177+1.0776i	-0.0487+0.5821i	-0.0572-0.3500i	-0.3051+0.7937i
70.9	-2.6572+2.4373i	-0.0377-1.0648i	0.2884-1.9501i	-2.9197+1.8673i	0.1248+1.1121i	0.0924+0.6431i	-0.2639-0.4047i	-0.1697+0.8753i
71.0	-2.5381+2.7403i	-0.0032-1.1054i	0.3689-2.0610i	-2.9901+2.1139i	0.2402+1.0840i	0.1661+0.6112i	-0.4417-0.3614i	-0.0388+0.9040i
71.1	-2.2112+3.2709i	0.0137-1.2195i	0.4767-2.3220i	-2.9611+2.6915i	0.4115+1.0972i	0.3213+0.6416i	-0.6303-0.2898i	0.1361+0.9640i
71.2	-1.8800+3.5626i	-0.0252-1.2898i	0.4756-2.4537i	-2.7859+3.0035i	0.5185+1.0194i	0.4195+0.6012i	-0.7407-0.1945i	0.2534+0.9379i
71.3	-1.3378+3.5473i	-0.0892-1.3078i	0.3288-2.5769i	-2.4172+3.1463i	0.5877+0.8727i	0.4823+0.4566i	-0.8274-0.0376i	0.3789+0.8302i
71.4	-0.8595+3.6724i	-0.1263-1.3543i	0.3593-2.6844i	-2.0880+3.4665i	0.6576+0.7472i	0.5533+0.3876i	-0.8798+0.1500i	0.4813+0.7313i
71.5	-0.5792+3.5351i	-0.2149-1.3527i	0.1694-2.6593i	-1.8005+3.4095i	0.6588+0.6705i	0.5326+0.2968i	-0.8439+0.2824i	0.5078+0.6156i
71.6	-0.3004+3.6276i	-0.2814-1.3877i	0.0450-2.7474i	-1.6366+3.5767i	0.7349+0.5732i	0.6223+0.2369i	-0.8281+0.4051i	0.5674+0.5223i
71.7	0.2878+3.3960i	-0.3975-1.3636i	-0.0728-2.8455i	-0.9882+3.6500i	0.7164+0.4257i	0.6605+0.1244i	-0.7719+0.5146i	0.5935+0.4170i
71.8	0.6620+3.0468i	-0.4559-1.2805i	-0.1447-2.7453i	-0.5965+3.4095i	0.6377+0.3168i	0.6378-0.0003i	-0.6972+0.5490i	0.5469+0.3283i
71.9	0.6514+2.7477i	-0.4823-1.2206i	-0.3675-2.6635i	-0.3915+3.1825i	0.5822+0.2449i	0.5580-0.0884i	-0.6036+0.6435i	0.5033+0.2295i
72.0	0.7003+2.5345i	-0.4576-1.1604i	-0.1846-2.6946i	-0.3629+3.0464i	0.5306+0.2301i	0.5796-0.1269i	-0.5944+0.6492i	0.4811+0.2257i
72.1	0.8717+2.3512i	-0.5106-1.1359i	-0.2648-2.6442i	-0.1906+3.0112i	0.4723+0.1866i	0.5722-0.1589i	-0.5364+0.6301i	0.4707+0.2162i
72.2	1.0609+2.2146i	-0.5812-1.0900i	-0.3960-2.6081i	0.1093+2.8985i	0.4330+0.1776i	0.5602-0.2037i	-0.4684+0.6864i	0.4626+0.1675i
72.3	1.2208+1.9641i	-0.6260-1.0378i	-0.4513-2.5553i	0.3147+2.7888i	0.3740+0.1380i	0.5140-0.2495i	-0.4444+0.6871i	0.4527+0.1358i
72.4	1.2766+1.7884i	-0.6265-1.0096i	-0.4468-2.5998i	0.4185+2.6573i	0.3389+0.0918i	0.4965-0.2705i	-0.4226+0.6992i	0.4467+0.1029i
72.5	1.1996+1.6267i	-0.5875-0.9905i	-0.4438-2.6523i	0.4704+2.5598i	0.2883+0.0963i	0.5157-0.3302i	-0.3807+0.7322i	0.3989+0.0810i
72.6	1.0599+1.4451i	-0.5433-0.9568i	-0.4518-2.5452i	0.4581+2.3384i	0.2245+0.1291i	0.4551-0.3012i	-0.3775+0.6616i	0.3835+0.1116i
72.7	1.0460+1.2551i	-0.5460-0.8974i	-0.5709-2.5839i	0.5541+2.0859i	0.1885+0.1867i	0.4034-0.3592i	-0.3513+0.7123i	0.3972+0.0932i
72.8	1.1530+1.1195i	-0.5538-0.8600i	-0.4945-2.5857i	0.6573+1.9939i	0.1824+0.1681i	0.3799-0.3987i	-0.3453+0.7234i	0.3915+0.0965i
72.9	1.1381+1.0187i	-0.5740-0.8398i	-0.5385-2.6302i	0.6898+1.8482i	0.1880+0.1931i	0.3570-0.4426i	-0.3238+0.7545i	0.4028+0.0774i
73.0	1.1494+0.7824i	-0.5810-0.7801i	-0.6254-2.5665i	0.8210+1.6775i	0.1445+0.1918i	0.2872-0.4622i	-0.2966+0.7555i	0.3904+0.0473i
73.1	1.0058+0.7058i	-0.4943-0.7109i	-0.5563-2.4227i	0.6711+1.4668i	0.1543+0.1974i	0.2688-0.4569i	-0.2573+0.7230i	0.3638+0.0417i
73.2	0.8325+0.6049i	-0.4242-0.6843i	-0.5552-2.5150i	0.5240+1.4029i	0.1823+0.2106i	0.2427-0.4605i	-0.2538+0.8003i	0.3613-0.0161i
73.3	0.9393+0.4057i	-0.4954-0.6685i	-0.6347-2.5976i	0.7011+1.3353i	0.1757+0.2174i	0.2131-0.5219i	-0.2223+0.8487i	0.3502-0.0486i
73.4	0.9381+0.3408i	-0.4830-0.6235i	-0.6670-2.5459i	0.7575+1.1473i	0.1665+0.2031i	0.1906-0.4916i	-0.1920+0.8620i	0.3655-0.0669i
73.5	0.8241+0.2224i	-0.4258-0.6017i	-0.5800-2.5548i	0.5898+1.0744i	0.1495+0.1949i	0.1618-0.5248i	-0.1380+0.8725i	0.3322-0.0620i
73.6	0.7435+0.1854i	-0.3631-0.5879i	-0.4834-2.5709i	0.5067+1.0980i	0.1042+0.2239i	0.1277-0.5360i	-0.1806+0.8411i	0.3414-0.0413i
73.7	0.6604+0.2086i	-0.3348-0.6104i	-0.5348-2.5957i	0.5530+1.0652i	0.0922+0.2548i	0.0766-0.4948i	-0.1870+0.8680i	0.3695-0.0701i
73.8	0.5399+0.1535i	-0.3094-0.6157i	-0.6275-2.6116i	0.4804+0.9195i	0.1105+0.2584i	0.0005-0.5124i	-0.1272+0.8778i	0.3480-0.0759i
73.9	0.5137+0.0121i	-0.2665-0.5391i	-0.6077-2.6066i	0.4677+0.7772i	0.1241+0.2625i	-0.0487-0.5564i	-0.0881+0.9097i	0.3157-0.1168i
74.0	0.4380-0.1067i	-0.2574-0.5081i	-0.6616-2.7239i	0.4810+0.6856i	0.1375+0.3172i	-0.0809-0.5072i	-0.0479+0.9720i	0.3208-0.1669i
74.1	0.4302-0.1313i	-0.2362-0.5266i	-0.6357-2.7876i	0.4453+0.6998i	0.1387+0.3244i	-0.0515-0.5158i	-0.0316+0.9813i	0.2966-0.1760i
74.2	0.2468-0.1159i	-0.1768-0.5028i	-0.8629-2.6621i	0.3437+0.6684i	0.1874+0.2847i	-0.0964-0.4507i	0.0782+0.9382i	0.2621-0.1784i
74.3	0.1755-0.1508i	-0.1063-0.5127i	-0.8651-2.6818i	0.2854+0.6448i	0.1885+0.2710i	-0.1117-0.4093i	0.0916+0.9467i	0.2425-0.2150i
74.4	0.0969-0.1508i	-0.0425-0.5347i	-0.8069-2.6917i	0.2266+0.5870i	0.1928+0.2297i	-0.1209-0.3699i	0.1459+0.9415i	0.2045-0.2103i
74.5	0.0630-0.1115i	-0.0771-0.5709i	-0.8013-2.6758i	0.1534+0.5373i	0.2025+0.2468i	-0.1074-0.3518i	0.1834+0.8996i	0.1749-0.1931i
74.6	-0.0335-0.1261i	-0.0556-0.5420i	-0.8830-2.5708i	0.0962+0.4805i	0.2238+0.2654i	-0.0803-0.3187i	0.2370+0.8803i	0.1176-0.2122i
74.7	0.0722-0.1995i	-0.0677-0.5373i	-0.7663-2.6284i	0.1993+0.4963i	0.1808+0.2827i	-0.0581-0.3345i	0.2604+0.8805i	0.0960-0.2075i
74.8	-0.0563-0.1968i	-0.0016-0.5681i	-0.7685-2.6394i	0.0874+0.5034i	0.1763+0.2478i	-0.0852-0.3137i	0.2686+0.8529i	0.1068-0.2011i
74.9	-0.2451-0.2254i	0.0822-0.5110i	-0.9005-2.6297i	-0.0450+0.4336i	0.2286+0.1981i	-0.0900-0.3198i	0.2987+0.8380i	0.1022-0.2060i

75.0	-0.4696-0.3604i	0.1366-0.5160i	-1.1140-2.7668i	-0.0259+0.4135i	0.2702+0.2351i	-0.0603-0.3237i	0.3435+0.8537i	0.0897-0.2151i
75.1	-0.5853-0.3149i	0.1188-0.5361i	-1.2945-2.7201i	-0.0077+0.4376i	0.2851+0.2325i	-0.0367-0.2732i	0.4084+0.7977i	0.0701-0.2116i
75.2	-0.6598-0.3557i	0.1657-0.5770i	-1.3063-2.8368i	-0.0787+0.4582i	0.2666+0.2395i	-0.0245-0.2953i	0.4364+0.8009i	0.0435-0.2049i
75.3	-0.7250-0.2698i	0.2366-0.6212i	-1.1574-2.8211i	-0.1496+0.4752i	0.2346+0.1704i	-0.0536-0.3109i	0.4204+0.7919i	0.0206-0.1879i
75.4	-0.7862-0.1753i	0.2899-0.6626i	-1.0407-2.7416i	-0.2494+0.3809i	0.2472+0.1819i	-0.0589-0.3228i	0.4375+0.7785i	-0.0040-0.1892i
75.5	-0.8545+0.1017i	0.3314-0.6516i	-1.0971-2.3627i	-0.2831+0.4471i	0.2622+0.1053i	-0.0681-0.2928i	0.4271+0.6731i	-0.0162-0.1552i
75.6	-0.9080+0.0074i	0.3007-0.6476i	-1.3793-2.4436i	-0.2058+0.5021i	0.2605+0.0901i	-0.0445-0.2854i	0.5092+0.6548i	-0.0290-0.1734i
75.7	-1.0600+0.0864i	0.3725-0.7329i	-1.4442-2.3387i	-0.2425+0.4402i	0.2567+0.0985i	-0.0567-0.2980i	0.5581+0.6142i	-0.0499-0.1506i
75.8	-1.1936+0.1796i	0.4197-0.8024i	-1.4088-2.3081i	-0.3211+0.4218i	0.2959+0.1308i	-0.0028-0.2980i	0.5851+0.5982i	-0.0747-0.1310i
75.9	-0.9820+0.3801i	0.3623-0.9011i	-1.1741-2.2280i	-0.2232+0.5077i	0.2434+0.0831i	-0.0045-0.2898i	0.5549+0.5745i	-0.0761-0.1324i
76.0	-1.1088+0.3588i	0.4138-0.9327i	-1.1754-2.2930i	-0.2419+0.4819i	0.2601+0.0346i	0.0234-0.3193i	0.6124+0.5494i	-0.1131-0.1186i
76.1	-1.0333+0.3816i	0.4447-0.9670i	-0.9260-2.3997i	-0.3094+0.4244i	0.2299+0.0734i	0.0446-0.3461i	0.5502+0.5833i	-0.1345-0.1155i
76.2	-1.2159+0.4480i	0.4293-0.9679i	-1.0968-2.2889i	-0.3329+0.4233i	0.2248+0.0285i	-0.0423-0.3249i	0.5609+0.4910i	-0.1029-0.0975i
76.3	-1.3910+0.5603i	0.5207-1.0122i	-1.2122-2.2129i	-0.4221+0.4519i	0.2334+0.0041i	-0.0513-0.3590i	0.5900+0.4332i	-0.1306-0.0754i
76.4	-1.4314+0.5870i	0.5316-1.0903i	-1.2113-2.4874i	-0.4839+0.4936i	0.2401-0.0197i	-0.0346-0.3842i	0.6221+0.4472i	-0.1523-0.0504i
76.5	-1.2240+0.8203i	0.5432-1.2602i	-0.9042-2.5653i	-0.3928+0.4999i	0.1624-0.0090i	-0.0379-0.3567i	0.5831+0.5037i	-0.1546-0.0704i
76.6	-1.1960+0.8014i	0.5434-1.3152i	-0.9376-2.7717i	-0.4282+0.4759i	0.1219+0.0328i	-0.0434-0.3604i	0.6254+0.5116i	-0.1753-0.0757i
76.7	-1.1141+1.1134i	0.4799-1.3478i	-0.8742-2.6413i	-0.4141+0.4840i	0.1224-0.0063i	-0.0648-0.3952i	0.6180+0.4420i	-0.1618-0.0344i
76.8	-1.0305+1.2354i	0.5227-1.3641i	-0.7238-2.6367i	-0.3788+0.4432i	0.0546-0.0648i	-0.0807-0.4452i	0.6115+0.4482i	-0.1566-0.0417i
76.9	-0.9561+1.0181i	0.6393-1.4727i	-0.5921-3.0963i	-0.4488+0.4291i	0.0685-0.0386i	-0.0625-0.4583i	0.6728+0.4916i	-0.2020-0.0499i
77.0	-0.9092+0.9871i	0.5826-1.5423i	-0.6941-3.3395i	-0.4596+0.4100i	0.0804-0.0125i	-0.0262-0.4723i	0.7579+0.4507i	-0.2585-0.0199i
77.1	-0.7449+1.0811i	0.5079-1.7927i	-0.7026-3.7207i	-0.4618+0.4683i	0.0468-0.0028i	-0.0512-0.4693i	0.8423+0.4413i	-0.2873+0.0057i
77.2	-0.7972+1.3021i	0.4529-1.8446i	-0.8277-3.7089i	-0.4330+0.5255i	-0.0298-0.0308i	-0.0679-0.4483i	0.8342+0.3700i	-0.2869+0.0120i
77.3	-0.7193+1.0142i	0.4140-1.9386i	-1.0077-4.2010i	-0.5627+0.4200i	-0.0307-0.0129i	-0.0489-0.4498i	0.9144+0.2948i	-0.3602+0.0565i
77.4	-0.5775+1.2714i	0.4224-2.1550i	-1.0612-4.2625i	-0.6575+0.4327i	-0.0434-0.0234i	-0.0227-0.4959i	0.9295+0.2293i	-0.3902+0.1064i
77.5	-0.3810+0.9182i	0.3232-2.1421i	-1.2045-4.6544i	-0.5739+0.4754i	-0.1000+0.0198i	-0.0237-0.5069i	0.9450+0.1551i	-0.4114+0.1790i
77.6	-0.3251+0.9957i	0.2540-2.3116i	-1.6052-4.8775i	-0.5828+0.4702i	-0.1499+0.0254i	-0.0626-0.5109i	0.9754+0.0709i	-0.4228+0.2327i
77.7	-0.5333+1.3277i	0.2506-2.3824i	-1.8530-4.6980i	-0.6384+0.4758i	-0.2320+0.0672i	-0.0836-0.4637i	0.8865+0.0475i	-0.3730+0.2381i
77.8	-0.9564+1.0943i	0.0588-2.4136i	-2.6178-4.9747i	-0.5991+0.4838i	-0.2406+0.1083i	-0.0552-0.5302i	0.8815-0.0784i	-0.3631+0.3611i
77.9	-0.9937+0.9492i	-0.0705-2.5342i	-3.0525-5.3096i	-0.6130+0.4812i	-0.2399+0.1543i	-0.0539-0.5738i	0.9287-0.1501i	-0.4004+0.4286i
78.0	-0.7923+0.8311i	-0.2448-2.6407i	-3.4982-5.4496i	-0.6111+0.6091i	-0.2626+0.2326i	-0.0959-0.6163i	0.9251-0.2353i	-0.3893+0.5057i
78.1	-0.6036+1.2860i	-0.3091-2.6659i	-3.3837-5.0593i	-0.7073+0.6454i	-0.2668+0.2720i	-0.0758-0.6105i	0.7804-0.2581i	-0.3024+0.5415i
78.2	-0.8375+1.0022i	-0.5468-2.6501i	-4.0411-5.1698i	-0.6990+0.6418i	-0.2579+0.3685i	-0.0741-0.5766i	0.7443-0.3396i	-0.2624+0.6133i
78.3	-1.0866+0.9793i	-0.7359-2.6232i	-4.4989-4.8377i	-0.7360+0.6109i	-0.2203+0.3978i	-0.1597-0.5617i	0.6300-0.3955i	-0.1411+0.6520i
78.4	-1.4483+1.4211i	-0.7894-2.6050i	-4.8813-4.3151i	-0.6988+0.5114i	-0.1432+0.4529i	-0.1837-0.6397i	0.5495-0.4251i	-0.0575+0.6686i
78.5	-1.7842+1.3957i	-0.9899-2.5364i	-5.6246-4.2879i	-0.6897+0.5310i	-0.0997+0.4927i	-0.2535-0.7070i	0.4734-0.4892i	0.0346+0.7465i
78.6	-1.5441+1.2225i	-1.3546-2.3117i	-6.1753-3.9564i	-0.4906+0.7000i	-0.0352+0.4933i	-0.2972-0.8028i	0.3684-0.5154i	0.1373+0.7657i
78.7	-1.3376+1.7414i	-1.4996-2.2461i	-6.2168-3.1945i	-0.5141+0.7324i	0.0173+0.5186i	-0.3033-0.7338i	0.2884-0.4692i	0.2050+0.6706i
78.8	-1.4231+1.9670i	-1.4945-2.1901i	-6.3255-2.6320i	-0.6552+0.7074i	0.0834+0.4863i	-0.3859-0.6860i	0.2032-0.4409i	0.2826+0.6359i
78.9	-1.3329+2.2984i	-1.5727-1.9893i	-6.2788-1.9085i	-0.6657+0.6998i	0.1561+0.4507i	-0.4324-0.6373i	0.1125-0.4010i	0.3551+0.5805i
79.0	-1.0799+2.4268i	-1.6429-1.7647i	-5.8227-1.5084i	-0.6165+0.7438i	0.1786+0.3879i	-0.3990-0.5379i	0.0661-0.3107i	0.3725+0.4784i
79.1	-1.0987+2.2163i	-1.3222-1.6513i	-5.5580-1.8373i	-0.6221+0.6386i	0.1164+0.3740i	-0.3507-0.5410i	0.0703-0.2286i	0.3533+0.4450i
79.2	-1.1017+2.4004i	-1.3814-1.7615i	-5.9460-2.0218i	-0.5995+0.6812i	0.1716+0.3630i	-0.4006-0.6251i	0.0708-0.2071i	0.3510+0.4572i
79.3	-0.9014+2.3108i	-1.5650-1.6741i	-6.0878-1.8966i	-0.5151+0.7248i	0.1633+0.3275i	-0.4115-0.6486i	0.0491-0.2099i	0.3750+0.4555i
79.4	-0.7263+2.1385i	-1.6366-1.6321i	-5.9581-1.8080i	-0.4315+0.7750i	0.0700+0.3383i	-0.3757-0.6762i	0.0468-0.1950i	0.3562+0.4309i
79.5	-0.7387+2.4170i	-1.4401-1.4678i	-6.0011-1.3477i	-0.5199+0.5246i	0.0322+0.3398i	-0.4600-0.7069i	0.0535-0.1548i	0.3708+0.3930i
79.6	-0.7537+2.4172i	-1.4655-1.2789i	-6.1418-0.8523i	-0.5185+0.3872i	0.0539+0.3604i	-0.5686-0.6903i	0.0258-0.1595i	0.4156+0.4007i
79.7	-0.7552+2.5002i	-1.4912-1.3475i	-6.2305-0.7238i	-0.5991+0.4022i	0.0712+0.4110i	-0.6057-0.6825i	0.0316-0.1847i	0.4102+0.4157i
79.8	-0.6276+2.6661i	-1.3811-1.2894i	-6.0262-0.1754i	-0.6267+0.3321i	0.0577+0.4157i	-0.6907-0.6005i	0.0058-0.1402i	0.4717+0.3689i
79.9	-0.6293+2.9129i	-1.3091-1.2267i	-6.0740+0.3507i	-0.6605+0.2426i	0.0897+0.4423i	-0.7781-0.5824i	-0.0089-0.1301i	0.5180+0.3564i
80.0	-0.3097+3.1467i	-1.2128-1.3355i	-5.7565+0.4513i	-0.8706+0.2479i	0.1104+0.4322i	-0.7526-0.5521i	-0.0048-0.1275i	0.4867+0.3381i

2.1.35 Run 3 – IP315-200 – Accels 33–40

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	8.5449+0.0000i	2.8293+0.0000i	-5.1174+0.0000i	-5.2352+0.0000i	20.7322+0.0000i	6.8732+0.0000i	11.4262+0.0000i	4.7993+0.0000i
0.1	8.3311+0.1801i	2.7625+0.0972i	-5.2132+0.1059i	-5.1770+0.1445i	20.4257+0.3708i	6.6215+0.5044i	11.1409-2.1320i	4.6315-0.7940i
0.2	-0.0113-1.4585i	0.0764-0.7382i	-0.4130+0.0752i	0.4299-2.4700i	-1.3133-1.2900i	-1.3534-2.2598i	-0.7313+1.3773i	0.8312+0.2613i
0.3	-0.1980-0.4341i	-0.0341-0.1836i	-0.1748-0.0508i	0.0500-0.3901i	-0.1633-0.0225i	-0.3672+0.1043i	-1.0772-0.3771i	-0.3051-0.2812i
0.4	-0.1245-0.0162i	0.0129-0.0192i	0.0025-0.0098i	0.0400-0.1471i	0.0608+0.0072i	-0.0264-0.0579i	-0.1307+0.4310i	0.0121-0.0269i
0.5	-0.0474-0.0050i	0.0007+0.0106i	-0.0113+0.0060i	0.0211-0.0413i	0.0688+0.0267i	-0.0005-0.0076i	0.0091-0.0066i	0.0312-0.0187i
0.6	-0.0258-0.0023i	0.0294+0.0108i	-0.0006-0.0021i	0.0154-0.0056i	0.0352+0.0293i	-0.0031+0.0063i	0.0132+0.0043i	0.0156+0.0022i
0.7	-0.0314-0.0084i	0.0490+0.0130i	0.0043-0.0016i	-0.0221+0.0004i	0.0426+0.0193i	0.0008+0.0036i	-0.0098-0.0150i	-0.0008+0.0059i
0.8	-0.0436-0.0077i	0.0669+0.0143i	0.0059+0.0013i	-0.0363-0.0035i	0.0573+0.0195i	0.0052+0.0006i	0.0052+0.0026i	-0.0068+0.0094i
0.9	-0.0521-0.0095i	0.0873+0.0159i	0.0034-0.0001i	-0.0553-0.0149i	0.0806+0.0237i	0.0051+0.0016i	-0.0037+0.0028i	-0.0115+0.0128i
1.0	-0.0564-0.0106i	0.1031+0.0156i	0.0047+0.0013i	-0.0600-0.0139i	0.0979+0.0173i	0.0031+0.0036i	-0.0045-0.0082i	-0.0150+0.0058i
1.1	-0.0871-0.0027i	0.1687+0.0092i	0.0011+0.0052i	-0.1036-0.0085i	0.1611-0.0105i	0.0046+0.0011i	-0.0089+0.0049i	-0.0273+0.0079i
1.2	-0.1093-0.0037i	0.2566+0.0168i	0.0094+0.0015i	-0.1385-0.0202i	0.2772+0.0180i	0.0087-0.0004i	-0.0158+0.0032i	-0.0190+0.0196i
1.3	-0.1245-0.0040i	0.3763+0.0235i	0.0139+0.0045i	-0.1841-0.0277i	0.4430+0.0449i	0.0115+0.0020i	-0.0228-0.0077i	-0.0178+0.0316i
1.4	-0.0898-0.0499i	0.7057-0.0948i	0.0145+0.0045i	-0.3018+0.0072i	0.9643-0.1966i	0.0136+0.0027i	-0.0395-0.0145i	-0.0067+0.0159i
1.5	-0.1512-0.1873i	0.8070-0.6669i	0.0183+0.0068i	-0.3215+0.1822i	0.9692-1.1961i	0.0168+0.0020i	-0.0648-0.0023i	-0.0615-0.0080i
1.6	-0.3318-0.1771i	0.4914-0.7674i	0.0253+0.0051i	-0.2141+0.1621i	0.2414-1.2182i	0.0193+0.0026i	-0.0651+0.0118i	-0.1274+0.0737i
1.7	-0.4749-0.1068i	0.3656-0.8122i	0.0328+0.0021i	-0.2191+0.0629i	-0.0789-0.9931i	0.0226+0.0070i	-0.0715+0.0158i	-0.0907+0.2058i
1.8	-0.6112-0.0390i	0.2821-1.1236i	0.0402-0.0018i	-0.3267-0.0083i	-0.2064-1.0631i	0.0321+0.0158i	-0.0901+0.0185i	0.0242+0.3225i
1.9	-0.7849+0.0180i	-0.2046-1.3145i	0.0473-0.0048i	-0.5411-0.0893i	-0.5997-1.0268i	0.0531+0.0232i	-0.1155+0.0228i	0.2394+0.3102i
2.0	-1.0480+0.0353i	-0.6788-1.1599i	0.0568-0.0068i	-0.8968-0.1334i	-0.9046-0.7858i	0.0842+0.0239i	-0.1603+0.0251i	0.3694+0.1726i
2.1	-1.7793+0.0892i	-0.8513-0.7717i	0.0839-0.0081i	-1.6977-0.0474i	-0.9812-0.4540i	0.1421+0.0134i	-0.2808+0.0423i	0.3591+0.0049i
2.2	-3.0276+0.2551i	-0.8839-0.5536i	0.1319-0.0128i	-2.9500+0.1616i	-1.0423-0.2884i	0.2302-0.0012i	-0.4839+0.0846i	0.3149-0.0637i
2.3	-2.7366+1.8517i	-0.9091-0.3834i	0.1211-0.0725i	-2.6843+1.7346i	-0.9835-0.0527i	0.2166-0.1103i	-0.4131+0.3390i	0.2377-0.0856i
2.4	2.4997+0.9716i	-0.6228-0.2384i	-0.0707-0.0388i	2.4285+0.8388i	-0.3649-0.0223i	-0.1385-0.0547i	0.4359+0.1259i	0.2063-0.1331i
2.5	1.9408+0.4622i	-0.5890-0.1979i	-0.0469-0.0193i	1.8715+0.3623i	-0.3669-0.0408i	-0.0980-0.0223i	0.3379+0.0496i	0.1806-0.1500i
2.6	1.3724+0.2810i	-0.5545-0.1664i	-0.0230-0.0120i	1.3157+0.2056i	-0.3744-0.0429i	-0.0571-0.0119i	0.2427+0.0274i	0.1607-0.1574i
2.7	1.1113+0.2033i	-0.5248-0.1407i	-0.0112-0.0084i	1.0619+0.1425i	-0.3671-0.0382i	-0.0376-0.0075i	0.2000+0.0183i	0.1486-0.1625i
2.8	0.9630+0.1480i	-0.5062-0.1224i	-0.0035-0.0056i	0.9171+0.0953i	-0.3585-0.0350i	-0.0257-0.0041i	0.1761+0.0105i	0.1298-0.1679i
2.9	0.8426+0.1286i	-0.4901-0.1079i	0.0039-0.0055i	0.7964+0.0817i	-0.3483-0.0311i	-0.0140-0.0032i	0.1577+0.0077i	0.0941-0.1711i
3.0	0.7564+0.1057i	-0.4671-0.0952i	0.0101-0.0048i	0.7159+0.0621i	-0.3386-0.0249i	-0.0053-0.0019i	0.1448+0.0022i	0.1008-0.1927i
3.1	0.6992+0.0961i	-0.4486-0.0850i	0.0160-0.0045i	0.6618+0.0567i	-0.3283-0.0212i	0.0008-0.0025i	0.1331+0.0007i	0.0908-0.1960i
3.2	0.6446+0.0851i	-0.4305-0.0808i	0.0220-0.0040i	0.6093+0.0502i	-0.3178-0.0215i	0.0082-0.0016i	0.1247+0.0017i	0.0745-0.2077i
3.3	0.6200+0.0782i	-0.4259-0.0797i	0.0254-0.0033i	0.5828+0.0425i	-0.3116-0.0204i	0.0129-0.0006i	0.1219+0.0003i	0.0389-0.2348i
3.4	0.5926+0.0702i	-0.4199-0.0729i	0.0299-0.0028i	0.5542+0.0379i	-0.3052-0.0192i	0.0187-0.0009i	0.1191+0.0001i	0.0023-0.2263i
3.5	0.5670+0.0632i	-0.4107-0.0656i	0.0347-0.0018i	0.5293+0.0351i	-0.2999-0.0187i	0.0239-0.0008i	0.1166-0.0002i	-0.0090-0.2191i
3.6	0.5461+0.0599i	-0.4022-0.0608i	0.0397-0.0018i	0.5101+0.0351i	-0.2955-0.0183i	0.0287-0.0012i	0.1145-0.0008i	-0.0229-0.2117i
3.7	0.5270+0.0564i	-0.3968-0.0560i	0.0449-0.0013i	0.4912+0.0342i	-0.2913-0.0174i	0.0349-0.0010i	0.1150-0.0015i	-0.0551-0.1971i
3.8	0.5126+0.0550i	-0.3892-0.0561i	0.0500-0.0013i	0.4779+0.0329i	-0.2874-0.0171i	0.0400-0.0002i	0.1165-0.0026i	-0.0694-0.2157i
3.9	0.4979+0.0519i	-0.3823-0.0567i	0.0547-0.0011i	0.4650+0.0304i	-0.2827-0.0182i	0.0458+0.0016i	0.1183-0.0019i	-0.0774-0.2346i
4.0	0.4856+0.0491i	-0.3801-0.0528i	0.0598-0.0012i	0.4544+0.0301i	-0.2826-0.0177i	0.0526+0.0019i	0.1201-0.0024i	-0.0799-0.2319i
4.1	0.4780+0.0470i	-0.3806-0.0486i	0.0648-0.0011i	0.4433+0.0319i	-0.2799-0.0169i	0.0597+0.0015i	0.1229-0.0051i	-0.1636-0.2135i
4.2	0.4686+0.0452i	-0.3730-0.0453i	0.0705-0.0008i	0.4361+0.0340i	-0.2764-0.0180i	0.0668+0.0014i	0.1248-0.0066i	-0.1838-0.1826i
4.3	0.4598+0.0469i	-0.3687-0.0456i	0.0771-0.0009i	0.4310+0.0377i	-0.2730-0.0208i	0.0753+0.0006i	0.1306-0.0128i	-0.2059-0.1542i
4.4	0.4537+0.0497i	-0.3673-0.0474i	0.0834-0.0016i	0.4269+0.0398i	-0.2734-0.0213i	0.0840-0.0007i	0.1336-0.0222i	-0.2274-0.1607i
4.5	0.4503+0.0456i	-0.3665-0.0419i	0.0892-0.0005i	0.4254+0.0365i	-0.2742-0.0203i	0.0919-0.0001i	0.1327-0.0177i	-0.2449-0.1296i
4.6	0.4453+0.0437i	-0.3599-0.0392i	0.0949+0.0004i	0.4230+0.0344i	-0.2720-0.0184i	0.0988+0.0008i	0.1369-0.0163i	-0.2456-0.1299i
4.7	0.4422+0.0428i	-0.3550-0.0394i	0.1008+0.0010i	0.4206+0.0333i	-0.2687-0.0188i	0.1058+0.0009i	0.1386-0.0149i	-0.3057-0.1055i
4.8	0.4326+0.0455i	-0.3482-0.0405i	0.1112-0.0006i	0.4129+0.0355i	-0.2657-0.0207i	0.1188-0.0016i	0.1582-0.0287i	-0.3051-0.1223i
4.9	0.4264+0.0461i	-0.3451-0.0426i	0.1187-0.0012i	0.4093+0.0364i	-0.2651-0.0229i	0.1295-0.0021i	0.1703-0.0375i	-0.3098-0.1086i
5.0	0.4228+0.0492i	-0.3413-0.0466i	0.1279-0.0028i	0.4056+0.0395i	-0.2626-0.0270i	0.1428-0.0049i	0.1798-0.0476i	-0.3930-0.0137i
5.1	0.4194+0.0508i	-0.3389-0.0485i	0.1346-0.0041i	0.4048+0.0440i	-0.2634-0.0299i	0.1522-0.0064i	0.1932-0.0541i	-0.3676+0.0251i
5.2	0.4167+0.0547i	-0.3391-0.0565i	0.1449-0.0054i	0.4044+0.0467i	-0.2648-0.0361i	0.1676-0.0080i	0.2099-0.0731i	-0.3814+0.0837i
5.3	0.4155+0.0599i	-0.3376-0.0619i	0.1513-0.0064i	0.4049+0.0514i	-0.2649-0.0389i	0.1791-0.0099i	0.2171-0.0961i	-0.3804+0.1132i
5.4	0.4133+0.0701i	-0.3418-0.0684i	0.1597-0.0088i	0.4045+0.0604i	-0.2704-0.0420i	0.1938-0.0145i	0.2272-0.1342i	-0.3431+0.1683i
5.5	0.4181+0.0785i	-0.3505-0.0707i	0.1668-0.0120i	0.4092+0.0673i	-0.2765-0.0447i	0.2072-0.0208i	0.2198-0.1701i	-0.3084+0.2533i
5.6	0.4225+0.0849i	-0.3533-0.0708i	0.1736-0.0139i	0.4145+0.0734i	-0.2782-0.0444i	0.2204-0.0248i	0.2069-0.2032i	-0.3069+0.2232i

5.7	0.4254+0.0879i	-0.3665-0.0728i	0.1852-0.0134i	0.4190+0.0769i	-0.2908-0.0486i	0.2455-0.0266i	0.2178-0.2350i	-0.2364+0.3523i
5.8	0.4291+0.0981i	-0.3708-0.0737i	0.1927-0.0170i	0.4238+0.0857i	-0.2953-0.0489i	0.2617-0.0373i	0.2132-0.3013i	-0.2046+0.3999i
5.9	0.4477+0.1108i	-0.3766-0.0724i	0.1937-0.0234i	0.4423+0.0964i	-0.3000-0.0464i	0.2689-0.0514i	0.1324-0.3687i	-0.1395+0.3695i
6.0	0.4716+0.1123i	-0.3816-0.0624i	0.1924-0.0238i	0.4674+0.0995i	-0.3046-0.0394i	0.2740-0.0563i	0.0099-0.3848i	-0.0262+0.3182i
6.1	0.4919+0.1034i	-0.3842-0.0530i	0.1954-0.0165i	0.4891+0.0937i	-0.3071-0.0337i	0.2899-0.0556i	-0.0694-0.3477i	0.0459+0.2936i
6.2	0.5024+0.0957i	-0.3850-0.0484i	0.1963-0.0100i	0.5028+0.0867i	-0.3096-0.0297i	0.3054-0.0494i	-0.1196-0.3018i	0.0650+0.2289i
6.3	0.5069+0.0896i	-0.3830-0.0431i	0.2002-0.0022i	0.5123+0.0807i	-0.3095-0.0249i	0.3294-0.0463i	-0.1485-0.2547i	0.0505+0.1511i
6.4	0.5172+0.0889i	-0.3840-0.0452i	0.2064+0.0118i	0.5264+0.0777i	-0.3116-0.0272i	0.3649-0.0429i	-0.1389-0.2003i	-0.0206+0.1914i
6.5	0.5272+0.0927i	-0.3857-0.0447i	0.2055+0.0250i	0.5430+0.0825i	-0.3146-0.0260i	0.3921-0.0408i	-0.1451-0.1892i	0.0325+0.2224i
6.6	0.5518+0.0890i	-0.3897-0.0414i	0.2062+0.0462i	0.5725+0.0762i	-0.3190-0.0237i	0.4376-0.0460i	-0.1540-0.1698i	0.0859+0.3250i
6.7	0.5826+0.0871i	-0.3889-0.0372i	0.2020+0.0664i	0.6074+0.0705i	-0.3202-0.0199i	0.4833-0.0572i	-0.1668-0.1519i	0.0601+0.3036i
6.8	0.6239+0.0765i	-0.3832-0.0333i	0.1675+0.1054i	0.6615+0.0535i	-0.3213-0.0162i	0.5347-0.0729i	-0.2147-0.1530i	0.0615+0.2395i
6.9	0.6703+0.0403i	-0.3808-0.0330i	0.1289+0.2172i	0.7196+0.0028i	-0.3217-0.0108i	0.5863-0.0985i	-0.2997-0.1014i	0.0969+0.2037i
7.0	0.7262-0.0323i	-0.3813-0.0370i	0.0961+0.4191i	0.7873-0.0929i	-0.3228-0.0041i	0.6341-0.1204i	-0.4035-0.0015i	0.2114+0.1887i
7.1	0.6975-0.1987i	-0.3874-0.0365i	0.3682+0.7692i	0.7379-0.3032i	-0.3200+0.0042i	0.6729-0.1571i	-0.3835+0.2945i	0.3714+0.1337i
7.2	0.5324-0.2698i	-0.3847-0.0316i	0.9056+0.7921i	0.5245-0.3838i	-0.3057+0.0057i	0.7231-0.1684i	-0.0667+0.5392i	0.3025-0.1258i
7.3	0.4195-0.2269i	-0.3786-0.0344i	1.2016+0.5622i	0.3911-0.3225i	-0.3002-0.0043i	0.8139-0.1972i	0.2910+0.4864i	0.2415-0.2339i
7.4	0.3676-0.1411i	-0.3853-0.0406i	1.3137+0.3057i	0.3263-0.2195i	-0.3019-0.0125i	0.8303-0.2618i	0.4210+0.2000i	-0.0595-0.2525i
7.5	0.3658-0.0374i	-0.3932-0.0351i	1.3410+0.0468i	0.3238-0.0871i	-0.3086-0.0151i	0.8780-0.2830i	0.3589-0.0319i	-0.1525+0.0240i
7.6	0.4118+0.0154i	-0.3901-0.0295i	1.3189-0.0737i	0.3874-0.0255i	-0.3110-0.0122i	0.9874-0.3201i	0.2863-0.0828i	-0.0529+0.0691i
7.7	0.4480+0.0248i	-0.3896-0.0270i	1.3344-0.1409i	0.4336-0.0162i	-0.3141-0.0097i	1.0960-0.3814i	0.2679-0.1130i	0.0350+0.0066i
7.8	0.4841+0.0283i	-0.3898-0.0277i	1.3919-0.2245i	0.4763-0.0172i	-0.3154-0.0094i	1.2066-0.5044i	0.2827-0.1468i	0.0048+0.0178i
7.9	0.4921+0.0310i	-0.3917-0.0281i	1.4303-0.2899i	0.4843-0.0155i	-0.3161-0.0111i	1.2445-0.5867i	0.2877-0.2177i	-0.0363+0.0459i
8.0	0.5175+0.0356i	-0.3895-0.0275i	1.4830-0.3779i	0.5100-0.0113i	-0.3136-0.0118i	1.3136-0.6714i	0.2435-0.3168i	-0.0427+0.0232i
8.1	0.5527+0.0477i	-0.3869-0.0271i	1.5450-0.4713i	0.5493-0.0022i	-0.3097-0.0115i	1.3974-0.7776i	0.1203-0.3888i	-0.0684-0.0092i
8.2	0.5849+0.0541i	-0.3877-0.0262i	1.6162-0.5385i	0.5867+0.0046i	-0.3114-0.0126i	1.4920-0.8441i	0.0206-0.4132i	-0.0403-0.0254i
8.3	0.6340+0.0532i	-0.3846-0.0262i	1.7619-0.6292i	0.6429+0.0026i	-0.3084-0.0150i	1.6929-0.9419i	-0.0597-0.4291i	-0.1266+0.0027i
8.4	0.6743+0.0409i	-0.3809-0.0268i	1.8810-0.7509i	0.6906-0.0126i	-0.3033-0.0152i	1.8580-1.0977i	-0.1451-0.3989i	-0.1313+0.0735i
8.5	0.7291+0.0199i	-0.3747-0.0287i	2.0796-0.9023i	0.7545-0.0387i	-0.2988-0.0177i	2.1268-1.3073i	-0.2535-0.3438i	-0.0467+0.1156i
8.6	0.7797-0.0320i	-0.3711-0.0379i	2.2602-1.2000i	0.8136-0.1037i	-0.2957-0.0319i	2.3558-1.7122i	-0.2806-0.2501i	-0.0501+0.1109i
8.7	0.8332-0.0895i	-0.3639-0.0480i	2.4561-1.5084i	0.8745-0.1743i	-0.2864-0.0466i	2.6045-2.1269i	-0.3181-0.1841i	-0.0826+0.1566i
8.8	0.8917-0.1518i	-0.3541-0.0567i	2.7337-1.9267i	0.9457-0.2557i	-0.2781-0.0556i	2.9612-2.6964i	-0.3410-0.1099i	-0.1587-0.0284i
8.9	0.9461-0.2708i	-0.3414-0.0767i	2.9527-2.6909i	1.0106-0.4090i	-0.2681-0.0805i	3.2191-3.7320i	-0.3703+0.0209i	-0.5532-0.0194i
9.0	0.9231-0.4217i	-0.3471-0.1095i	2.6777-3.5303i	0.9758-0.5972i	-0.2791-0.1210i	2.8125-4.8663i	-0.2425+0.1553i	-0.5581+0.4192i
9.1	0.8103-0.5211i	-0.3767-0.1334i	2.0495-4.1092i	0.8341-0.7244i	-0.3181-0.1457i	1.9017-5.6317i	-0.0271+0.0398i	-0.0809+0.7233i
9.2	0.8133-0.7127i	-0.4039-0.1695i	1.9186-5.5304i	0.8238-0.9860i	-0.3476-0.1818i	1.6826-7.4975i	-0.1793-0.0527i	0.0638+0.6762i
9.3	0.5456-0.8924i	-0.4577-0.1813i	-0.1823-6.5774i	0.4532-1.2070i	-0.4063-0.1981i	-1.1713-8.8685i	-0.1884+0.0838i	0.4404+0.4671i
9.4	0.1832-0.8104i	-0.5162-0.1441i	-2.6547-5.6873i	-0.0234-1.0730i	-0.4738-0.1581i	-4.5184-7.6182i	-0.0925+0.1610i	0.7489+0.4129i
9.5	0.0496-0.5963i	-0.5267-0.1048i	-3.4430-4.0506i	-0.1896-0.7797i	-0.4903-0.1175i	-5.5872-5.3783i	-0.0125+0.1408i	0.6295+0.1620i
9.6	0.0420-0.4256i	-0.5204-0.0690i	-3.2871-2.8439i	-0.1830-0.5511i	-0.4925-0.0809i	-5.3741-3.7310i	0.0335+0.0849i	0.5458-0.0957i
9.7	0.0543-0.2964i	-0.5067-0.0502i	-3.0285-2.0347i	-0.1553-0.3853i	-0.4829-0.0549i	-5.0254-2.6256i	0.0534+0.0486i	0.6186-0.0591i
9.8	0.1129-0.2123i	-0.4789-0.0561i	-2.6044-1.5842i	-0.0815-0.2858i	-0.4570-0.0521i	-4.4722-2.0072i	0.0420+0.0151i	0.1810-0.1230i
9.9	0.1426-0.1605i	-0.4735-0.0541i	-2.3847-1.3556i	-0.0447-0.2244i	-0.4525-0.0461i	-4.1945-1.6947i	0.0387-0.0085i	0.0293-0.1542i
10.0	0.1850-0.1033i	-0.4634-0.0572i	-2.1657-1.1667i	0.0022-0.1570i	-0.4366-0.0440i	-3.9224-1.4317i	0.0313-0.0256i	-0.0321-0.1773i
10.1	0.2308-0.0684i	-0.4418-0.0735i	-2.0304-1.0481i	0.0498-0.1094i	-0.4074-0.0687i	-3.7693-1.2615i	0.0392-0.0265i	-0.1810-0.4998i
10.2	0.2690-0.0631i	-0.4478-0.0952i	-1.9522-0.9721i	0.0914-0.0913i	-0.4130-0.1003i	-3.6778-1.1362i	0.0364-0.0406i	-0.2161-0.2013i
10.3	0.2959-0.0537i	-0.4505-0.1222i	-1.9029-0.8654i	0.1236-0.0740i	-0.4244-0.1280i	-3.6194-0.9886i	0.0235-0.0555i	-0.4675-0.2535i
10.4	0.3126-0.0374i	-0.4532-0.1457i	-1.8267-0.7213i	0.1488-0.0527i	-0.4358-0.1495i	-3.5321-0.8077i	0.0068-0.0462i	-0.3649-0.1945i
10.5	0.3375-0.0273i	-0.4725-0.1754i	-1.7522-0.6099i	0.1780-0.0380i	-0.4585-0.1777i	-3.4688-0.6639i	-0.0002-0.0404i	-0.6162+0.0633i
10.6	0.3663-0.0193i	-0.5083-0.1991i	-1.6509-0.4949i	0.2113-0.0235i	-0.4964-0.1985i	-3.3787-0.5063i	-0.0016-0.0248i	-0.4895+0.3753i
10.7	0.3879-0.0100i	-0.5363-0.2173i	-1.5454-0.3936i	0.2359-0.0079i	-0.5274-0.2143i	-3.2950-0.3603i	-0.0004-0.0178i	-0.5973+0.9444i
10.8	0.4105-0.0023i	-0.5650-0.2278i	-1.4330-0.3454i	0.2610+0.0035i	-0.5579-0.2244i	-3.1866-0.2923i	0.0078-0.0145i	-0.3515+1.1213i
10.9	0.4337-0.0008i	-0.5985-0.2322i	-1.3336-0.3296i	0.2887+0.0081i	-0.5918-0.2297i	-3.1025-0.2625i	0.0155-0.0203i	-0.0666+1.1849i
11.0	0.4625-0.0056i	-0.6299-0.2333i	-1.2453-0.3086i	0.3194+0.0066i	-0.6255-0.2305i	-3.0558-0.2124i	0.0261-0.0138i	0.1940+1.4707i
11.1	0.4884-0.0088i	-0.6505-0.2276i	-1.1846-0.2820i	0.3443+0.0058i	-0.6511-0.2277i	-3.0559-0.1678i	0.0414-0.0235i	0.5298+1.2384i
11.2	0.5073-0.0103i	-0.6735-0.2220i	-1.1314-0.2903i	0.3633+0.0058i	-0.6798-0.2244i	-3.0546-0.1698i	0.0476-0.0316i	0.9635+1.0716i
11.3	0.5281-0.0118i	-0.6897-0.2292i	-1.0467-0.2874i	0.3833+0.0060i	-0.6996-0.2305i	-3.0253-0.1373i	0.0569-0.0360i	1.0390+1.0243i
11.4	0.5515-0.0134i	-0.7128-0.2398i	-0.9888-0.2832i	0.4067+0.0087i	-0.7259-0.2409i	-3.0312-0.1064i	0.0690-0.0431i	1.0899+1.0612i
11.5	0.5765-0.0187i	-0.7358-0.2467i	-0.9314-0.2881i	0.4263+0.0067i	-0.7554-0.2525i	-3.0569-0.0863i	0.0800-0.0537i	1.2915+1.0331i
11.6	0.5962-0.0225i	-0.7499-0.2568i	-0.8706-0.2909i	0.4407+0.0073i	-0.7789-0.2661i	-3.0809-0.0479i	0.0891-0.0707i	1.4548+0.8508i
11.7	0.6219-0.0247i	-0.7788-0.2726i	-0.8258-0.3113i	0.4612+0.0095i	-0.8202-0.2871i	-3.1326-0.0419i	0.0972-0.0847i	1.9652+0.7821i
11.8	0.6443-0.0251i	-0.7905-0.2948i	-0.7771-0.3383i	0.4766+0.0139i	-0.8457-0.3132i	-3.2038-0.0387i	0.1089-0.1063i	2.0795+0.3816i
11.9	0.6750-0.0437i	-0.8228-0.3317i	-0.7402-0.3734i	0.4986+0.0115i	-0.8880-0.3530i	-3.2989+0.0102i	0.1080-0.1354i	2.0278+0.2041i

12.0	0.7064-0.0564i	-0.8644-0.3684i	-0.6943-0.3969i	0.5185+0.0167i	-0.9445-0.3914i	-3.3886+0.0688i	0.1017-0.1556i	2.1796+0.0239i
12.1	0.7347-0.0625i	-0.9017-0.4200i	-0.6421-0.4451i	0.5378+0.0298i	-0.9978-0.4493i	-3.4894+0.0765i	0.0984-0.1730i	2.2995-0.1740i
12.2	0.7875-0.0872i	-0.9520-0.4899i	-0.6328-0.4890i	0.5746+0.0357i	-1.0627-0.5267i	-3.6860+0.1474i	0.0862-0.1963i	2.4350-0.4412i
12.3	0.8364-0.1170i	-1.0027-0.5926i	-0.6035-0.5320i	0.6011+0.0499i	-1.1349-0.6427i	-3.8959+0.2018i	0.0700-0.2121i	2.6326-0.6405i
12.4	0.8544-0.1605i	-1.1096-0.7201i	-0.5763-0.6049i	0.6254+0.0690i	-1.2857-0.7795i	-4.0803+0.3307i	0.0575-0.2294i	2.4697-0.7336i
12.5	0.8728-0.1990i	-1.3114-0.8360i	-0.5780-0.6783i	0.6803+0.0976i	-1.5296-0.8923i	-4.2877+0.5137i	0.0642-0.2284i	3.0178-0.7633i
12.6	0.8942-0.2503i	-1.5950-1.0715i	-0.5559-0.7479i	0.7457+0.1510i	-1.8811-1.1376i	-4.5945+0.7483i	0.0754-0.2514i	3.7087-1.2088i
12.7	0.8906-0.2905i	-1.9081-1.2010i	-0.5481-0.7944i	0.8170+0.1769i	-2.2571-1.2631i	-4.7719+0.9918i	0.0791-0.2620i	4.2633-1.5735i
12.8	0.8778-0.3155i	-2.6372-1.2430i	-0.5268-0.9343i	0.9870+0.2107i	-3.1105-1.2553i	-5.0443+1.3977i	0.0860-0.3097i	4.6396-3.2643i
12.9	0.8720-0.3270i	-3.1921-1.0244i	-0.5518-1.0446i	1.1199+0.1744i	-3.7512-0.9573i	-5.1903+1.7479i	0.0407-0.3747i	4.4358-4.6914i
13.0	0.8757-0.3134i	-4.0986-0.4929i	-0.5377-1.2436i	1.3208+0.0878i	-4.7775-0.2782i	-5.4685+2.2913i	-0.0348-0.4593i	4.3420-7.3051i
13.1	0.8742-0.2739i	-4.6154+0.0559i	-0.4988-1.4408i	1.4144+0.0329i	-5.3543+0.4055i	-5.6035+2.6771i	-0.1016-0.4432i	3.3813-9.0291i
13.2	0.9191-0.2324i	-5.3110+1.1967i	-0.5785-1.8110i	1.5773-0.1039i	-6.1128+1.8076i	-5.9106+3.4798i	-0.2570-0.4807i	1.1421-11.4494i
13.3	1.0108-0.1562i	-5.8170+2.6611i	-0.8245-2.3711i	1.7538-0.2376i	-6.6148+3.5971i	-6.2066+4.4604i	-0.4707-0.3036i	-3.1085-15.0396i
13.4	1.2353-0.0667i	-4.9788+4.9038i	-1.7229-2.8087i	1.8899-0.4391i	-5.4606+6.1822i	-5.6485+5.8536i	-0.4206+0.0308i	-12.2848-12.8621i
13.5	1.6128-0.0744i	-3.1476+6.1766i	-2.7463-2.7046i	2.0726-0.6261i	-3.2195+7.5594i	-4.7930+6.6927i	-0.2415-0.0597i	-14.7860-5.1820i
13.6	2.0995-0.4513i	-0.5331+6.5615i	-3.8384-1.8999i	2.2861-1.1003i	-0.1289+7.8515i	-3.4392+7.5314i	-0.2173-0.1211i	-13.2496+0.3469i
13.7	2.5556-1.0724i	1.3519+5.6357i	-4.4919-0.7991i	2.5231-1.7070i	2.0095+6.6671i	-2.6907+7.7724i	-0.1060-0.1201i	-10.0628+4.3964i
13.8	2.7238-1.6702i	2.0272+4.5058i	-4.5776-0.0030i	2.5801-2.2463i	2.7308+5.3390i	-2.4832+7.7964i	-0.0453-0.2136i	-7.8591+6.2808i
13.9	2.6128-2.5938i	2.2710+3.4141i	-4.4431+1.0071i	2.3581-3.0971i	2.9877+4.0794i	-2.0569+8.5631i	-0.0865-0.3766i	-6.2104+7.2594i
14.0	1.7375-3.4227i	2.1498+2.4955i	-3.6130+1.8906i	1.3886-3.7975i	2.8444+3.0153i	-0.3613+9.2518i	-0.2060-0.4216i	-4.1773+6.9717i
14.1	0.7227-3.8326i	1.9337+1.9179i	-2.8386+2.3383i	0.3140-4.0752i	2.6132+2.3460i	1.3541+9.3696i	-0.3557-0.4583i	-2.4721+5.9740i
14.2	-0.3690-3.6612i	1.7630+1.5514i	-1.9836+2.4597i	-0.7717-3.7624i	2.4290+1.8970i	3.2219+8.6197i	-0.5089-0.3533i	0.1891+4.9990i
14.3	-1.1862-2.9725i	1.6394+1.2853i	-1.1811+2.2426i	-1.5021-2.9796i	2.2728+1.5403i	4.6652+7.0017i	-0.5247-0.1867i	0.9621+4.0581i
14.4	-1.5138-2.2424i	1.5142+1.0572i	-0.6796+1.8699i	-1.7471-2.2142i	2.0987+1.2388i	5.2012+5.3161i	-0.5140-0.0921i	1.3323+3.3773i
14.5	-1.5762-1.5193i	1.3599+0.8493i	-0.3935+1.3748i	-1.7372-1.4956i	1.8887+0.9743i	5.1395+3.6346i	-0.4602-0.0224i	1.3462+2.0307i
14.6	-1.5045-1.2491i	1.2522+0.7553i	-0.3720+1.2085i	-1.6492-1.2363i	1.7472+0.8657i	4.8474+3.0236i	-0.4740+0.0009i	1.2028+1.7141i
14.7	-1.3820-0.9607i	1.1403+0.6579i	-0.2426+1.0570i	-1.5098-0.9527i	1.5996+0.7552i	4.5862+2.3604i	-0.4520+0.0773i	0.9433+1.8404i
14.8	-1.2481-0.7357i	1.0434+0.5942i	-0.1428+0.7417i	-1.3615-0.7442i	1.4757+0.6900i	4.2306+1.6509i	-0.4050+0.0860i	1.0083+1.7476i
14.9	-1.0783-0.5953i	0.9707+0.5381i	-0.3326+0.4630i	-1.1994-0.6157i	1.3883+0.6361i	3.5498+1.2095i	-0.4107+0.0795i	1.0091+1.2970i
15.0	-1.0024-0.5116i	0.9174+0.4900i	-0.4526+0.3911i	-1.1277-0.5322i	1.3229+0.5844i	3.1882+1.0633i	-0.4216+0.0939i	0.9853+1.0800i
15.1	-0.9263-0.4283i	0.8520+0.4516i	-0.5321+0.3937i	-1.0526-0.4490i	1.2469+0.5453i	2.8987+1.0201i	-0.4335+0.1438i	0.9300+0.8448i
15.2	-0.8089-0.3630i	0.7882+0.3967i	-0.6026+0.3849i	-0.9338-0.3776i	1.1747+0.4783i	2.5880+0.9529i	-0.4031+0.1974i	0.8414+0.6208i
15.3	-0.7441-0.3187i	0.7451+0.3637i	-0.6142+0.3727i	-0.8673-0.3291i	1.1238+0.4392i	2.4469+0.8821i	-0.3616+0.2518i	0.7551+0.5153i
15.4	-0.6817-0.2749i	0.7044+0.3247i	-0.6212+0.3575i	-0.8043-0.2828i	1.0777+0.3936i	2.3215+0.8030i	-0.3144+0.2789i	0.6768+0.3340i
15.5	-0.6266-0.2406i	0.6706+0.2930i	-0.6382+0.3393i	-0.7492-0.2467i	1.0414+0.3562i	2.2045+0.7279i	-0.2497+0.2965i	0.5479+0.2203i
15.6	-0.5830-0.2253i	0.6321+0.2684i	-0.6625+0.3331i	-0.7034-0.2283i	0.9987+0.3268i	2.0912+0.6813i	-0.1646+0.3129i	0.4797+0.1931i
15.7	-0.5519-0.2115i	0.6026+0.2523i	-0.6836+0.3402i	-0.6717-0.2139i	0.9644+0.3074i	2.0170+0.6541i	-0.0926+0.2750i	0.3887+0.1661i
15.8	-0.4946-0.1792i	0.5612+0.2209i	-0.7133+0.3400i	-0.6132-0.1789i	0.9156+0.2659i	1.8864+0.5745i	-0.0854+0.1797i	0.2157+0.1979i
15.9	-0.4527-0.1602i	0.5268+0.1985i	-0.7352+0.3734i	-0.5719-0.1550i	0.8776+0.2361i	1.7954+0.5414i	-0.0838+0.1430i	0.0778+0.2425i
16.0	-0.4277-0.1531i	0.5016+0.1903i	-0.7289+0.4027i	-0.5456-0.1449i	0.8493+0.2234i	1.7610+0.5244i	-0.0881+0.1087i	0.0848+0.3399i
16.1	-0.3942-0.1375i	0.4694+0.1743i	-0.6979+0.4208i	-0.5049-0.1283i	0.8088+0.2011i	1.7174+0.4628i	-0.1090+0.0170i	0.1765+0.4302i
16.2	-0.3658-0.1183i	0.4499+0.1617i	-0.6738+0.4299i	-0.4736-0.1106i	0.7872+0.1824i	1.6855+0.3851i	-0.1741-0.1190i	0.2558+0.4212i
16.3	-0.3287-0.1159i	0.4283+0.1451i	-0.6657+0.4483i	-0.4380-0.1077i	0.7600+0.1602i	1.6274+0.3091i	-0.3722-0.0412i	0.2771+0.4024i
16.4	-0.2981-0.1115i	0.4173+0.1276i	-0.6581+0.4676i	-0.4107-0.1042i	0.7454+0.1375i	1.5710+0.2351i	-0.5319+0.1013i	0.3087+0.3717i
16.5	-0.2763-0.1175i	0.3946+0.1132i	-0.6332+0.5039i	-0.3919-0.1059i	0.7183+0.1184i	1.4603+0.1820i	-0.4942+0.3202i	0.2994+0.2932i
16.6	-0.2608-0.1180i	0.3638+0.0980i	-0.5383+0.5241i	-0.3728-0.1015i	0.6808+0.0953i	1.3781+0.1194i	-0.2917+0.5143i	0.2163+0.2500i
16.7	-0.2478-0.1131i	0.3416+0.0906i	-0.4707+0.4553i	-0.3561-0.0956i	0.6516+0.0836i	1.2826+0.0606i	-0.0936+0.4905i	0.1911+0.3807i
16.8	-0.2316-0.1068i	0.3271+0.0860i	-0.4790+0.3718i	-0.3414-0.0935i	0.6324+0.0805i	1.1550+0.0578i	0.0155+0.3667i	0.2746+0.4117i
16.9	-0.2194-0.1076i	0.3220+0.0797i	-0.5606+0.3769i	-0.3367-0.0927i	0.6315+0.0720i	1.1162+0.1255i	-0.0428+0.2541i	0.2869+0.3651i
17.0	-0.2086-0.1116i	0.3017+0.0638i	-0.5814+0.4386i	-0.3310-0.0851i	0.6130+0.0448i	1.0834+0.1497i	-0.1168+0.2679i	0.2941+0.3247i
17.1	-0.2009-0.1110i	0.2739+0.0517i	-0.5078+0.4546i	-0.3170-0.0749i	0.5758+0.0234i	1.0645+0.1610i	-0.0512+0.3280i	0.3099+0.3021i
17.2	-0.1903-0.1010i	0.2570+0.0472i	-0.4623+0.3555i	-0.3005-0.0671i	0.5511+0.0222i	1.0347+0.1414i	0.0508+0.2358i	0.3828+0.2766i
17.3	-0.1776-0.0968i	0.2452+0.0396i	-0.5400+0.3578i	-0.2936-0.0536i	0.5443+0.0042i	1.0166+0.1143i	-0.0662+0.1972i	0.4424+0.2598i
17.4	-0.1671-0.0959i	0.2275+0.0330i	-0.5622+0.4222i	-0.2789-0.0410i	0.5207-0.0152i	0.9866+0.0786i	-0.1076+0.3099i	0.4958+0.2204i
17.5	-0.1617-0.0925i	0.2159+0.0242i	-0.5405+0.4749i	-0.2637-0.0311i	0.4992-0.0362i	0.9584+0.0610i	-0.0187+0.3712i	0.5471+0.0773i
17.6	-0.1598-0.0894i	0.2023+0.0148i	-0.5065+0.5007i	-0.2538-0.0268i	0.4788-0.0511i	0.9608+0.0281i	0.0816+0.3121i	0.4428-0.0507i
17.7	-0.1524-0.0860i	0.1805+0.0080i	-0.4687+0.5124i	-0.2369-0.0211i	0.4440-0.0657i	0.9181-0.0262i	0.1373+0.2320i	0.3478-0.0281i
17.8	-0.1450-0.0774i	0.1606+0.0038i	-0.4113+0.5368i	-0.2186-0.0096i	0.4049-0.0807i	0.8477-0.0788i	0.1320+0.1885i	0.3582-0.0458i
17.9	-0.1401-0.0707i	0.1434+0.0007i	-0.3419+0.5340i	-0.2043-0.0050i	0.3693-0.0831i	0.7653-0.1086i	0.1080+0.1522i	0.3143-0.0975i
18.0	-0.1287-0.0674i	0.1242+0.0042i	-0.3060+0.4834i	-0.1874-0.0102i	0.3344-0.0683i	0.6914-0.0761i	0.0643+0.1008i	0.2492-0.0998i
18.1	-0.1205-0.0657i	0.1071+0.0054i	-0.2965+0.4421i	-0.1770-0.0161i	0.3119-0.0541i	0.6653-0.0361i	0.0447+0.0883i	0.2206-0.0866i
18.2	-0.1180-0.0617i	0.0957+0.0071i	-0.2772+0.4339i	-0.1713-0.0160i	0.2924-0.0433i	0.6573-0.0286i	0.0073+0.0968i	0.2077-0.0734i

18.3	-0.1144-0.0537i	0.0863+0.0144i	-0.2553+0.4155i	-0.1653-0.0106i	0.2773-0.0330i	0.6448-0.0269i	0.0031+0.1013i	0.1958-0.0770i
18.4	-0.1076-0.0405i	0.0799+0.0165i	-0.2259+0.3863i	-0.1584-0.0007i	0.2690-0.0243i	0.6323-0.0515i	0.0217+0.1098i	0.1915-0.0563i
18.5	-0.0982-0.0365i	0.0737+0.0217i	-0.2175+0.3610i	-0.1492-0.0005i	0.2720-0.0110i	0.6109-0.0812i	0.0547+0.1039i	0.1836-0.0582i
18.6	-0.0860-0.0366i	0.0698+0.0293i	-0.2175+0.3367i	-0.1351-0.0043i	0.2654-0.0018i	0.5368-0.1168i	0.0365+0.1021i	0.1744-0.0791i
18.7	-0.0788-0.0397i	0.0668+0.0250i	-0.2350+0.3145i	-0.1311-0.0130i	0.2579-0.0035i	0.4427-0.0675i	0.0223+0.1053i	0.1331-0.0977i
18.8	-0.0762-0.0401i	0.0572+0.0222i	-0.2365+0.3168i	-0.1329-0.0128i	0.2492-0.0069i	0.4349-0.0130i	0.0184+0.1204i	0.0933-0.1010i
18.9	-0.0682-0.0332i	0.0513+0.0181i	-0.2222+0.3087i	-0.1268-0.0038i	0.2404-0.0123i	0.4274-0.0065i	0.0133+0.1130i	0.0902-0.0899i
19.0	-0.0630-0.0260i	0.0456+0.0195i	-0.2139+0.2995i	-0.1231+0.0056i	0.2332-0.0129i	0.4084-0.0011i	0.0237+0.1261i	0.0696-0.0686i
19.1	-0.0584-0.0216i	0.0431+0.0197i	-0.2069+0.2867i	-0.1171+0.0113i	0.2309-0.0132i	0.3986+0.0057i	0.0430+0.1132i	0.0676-0.0496i
19.2	-0.0483-0.0223i	0.0366+0.0158i	-0.2108+0.2687i	-0.1059+0.0115i	0.2173-0.0173i	0.3806+0.0195i	0.0353+0.1039i	0.0665-0.0480i
19.3	-0.0363-0.0208i	0.0249+0.0149i	-0.2114+0.2618i	-0.0918+0.0133i	0.2045-0.0180i	0.3696+0.0291i	0.0344+0.1095i	0.0597-0.0456i
19.4	-0.0279-0.0186i	0.0186+0.0130i	-0.2093+0.2602i	-0.0814+0.0181i	0.1927-0.0250i	0.3553+0.0345i	0.0345+0.1034i	0.0609-0.0369i
19.5	-0.0269-0.0187i	0.0135+0.0162i	-0.2069+0.2696i	-0.0773+0.0240i	0.1856-0.0372i	0.3524+0.0369i	0.0414+0.1034i	0.0613-0.0223i
19.6	-0.0186-0.0165i	0.0094+0.0159i	-0.1911+0.2683i	-0.0660+0.0272i	0.1810-0.0374i	0.3394+0.0390i	0.0618+0.0955i	0.0484-0.0213i
19.7	-0.0117-0.0152i	0.0026+0.0154i	-0.1824+0.2672i	-0.0577+0.0304i	0.1716-0.0421i	0.3299+0.0506i	0.0604+0.0879i	0.0472-0.0203i
19.8	-0.0050-0.0144i	0.0005+0.0189i	-0.1703+0.2642i	-0.0463+0.0282i	0.1551-0.0407i	0.3173+0.0641i	0.0621+0.0820i	0.0494-0.0092i
19.9	-0.0023-0.0155i	-0.0029+0.0145i	-0.1678+0.2609i	-0.0405+0.0260i	0.1400-0.0398i	0.3048+0.0825i	0.0475+0.0755i	0.0470-0.0156i
20.0	-0.0004-0.0144i	-0.0086+0.0168i	-0.1428+0.2420i	-0.0300+0.0230i	0.1128-0.0304i	0.3089+0.0890i	0.0517+0.0518i	0.0553-0.0042i
20.1	0.0057-0.0128i	-0.0140+0.0170i	-0.1168+0.2208i	-0.0187+0.0226i	0.0943-0.0294i	0.3089+0.0738i	0.0580+0.0375i	0.0555-0.0121i
20.2	0.0085-0.0112i	-0.0184+0.0147i	-0.1023+0.2110i	-0.0142+0.0218i	0.0887-0.0266i	0.3122+0.0726i	0.0574+0.0444i	0.0490-0.0179i
20.3	0.0137-0.0104i	-0.0222+0.0136i	-0.1057+0.1944i	-0.0097+0.0177i	0.0792-0.0251i	0.3093+0.0686i	0.0583+0.0413i	0.0454-0.0066i
20.4	0.0200-0.0100i	-0.0270+0.0166i	-0.1001+0.1600i	-0.0005+0.0125i	0.0605-0.0114i	0.2982+0.0546i	0.0713+0.0353i	0.0403-0.0087i
20.5	0.0225-0.0092i	-0.0309+0.0148i	-0.1102+0.1542i	0.0012+0.0120i	0.0572-0.0004i	0.2809+0.0600i	0.0630+0.0273i	0.0400-0.0012i
20.6	0.0278-0.0096i	-0.0282+0.0103i	-0.1054+0.1385i	0.0114+0.0107i	0.0397+0.0015i	0.2560+0.0500i	0.0478+0.0086i	0.0366-0.0024i
20.7	0.0293-0.0074i	-0.0298+0.0078i	-0.1067+0.1221i	0.0167+0.0067i	0.0289+0.0094i	0.2494+0.0610i	0.0490+0.0125i	0.0269-0.0106i
20.8	0.0332-0.0055i	-0.0325+0.0070i	-0.1010+0.1123i	0.0219+0.0053i	0.0175+0.0147i	0.2457+0.0616i	0.0572+0.0160i	0.0214-0.0071i
20.9	0.0380-0.0046i	-0.0354+0.0018i	-0.0985+0.1139i	0.0259+0.0022i	0.0096+0.0318i	0.2380+0.0745i	0.0500+0.0181i	0.0175-0.0000i
21.0	0.0365+0.0002i	-0.0395-0.0044i	-0.1024+0.1072i	0.0274-0.0000i	-0.0043+0.0421i	0.2214+0.0720i	0.0392+0.0202i	0.0170+0.0091i
21.1	0.0395+0.0035i	-0.0393-0.0087i	-0.1058+0.1091i	0.0349-0.0006i	-0.0235+0.0476i	0.2040+0.0889i	0.0149-0.0044i	0.0165+0.0113i
21.2	0.0451+0.0072i	-0.0474-0.0245i	-0.1050+0.1021i	0.0375-0.0099i	-0.0318+0.0924i	0.2132+0.1272i	0.0121-0.0057i	0.0131+0.0135i
21.3	0.0530+0.0072i	-0.0681-0.0305i	-0.0987+0.0976i	0.0328-0.0113i	-0.0011+0.0987i	0.2309+0.1317i	0.0264+0.0171i	0.0195+0.0214i
21.4	0.0531+0.0124i	-0.0751-0.0345i	-0.0893+0.0829i	0.0347-0.0091i	-0.0112+0.0993i	0.2315+0.1137i	0.0311+0.0101i	0.0179+0.0179i
21.5	0.0538+0.0144i	-0.0774-0.0339i	-0.0855+0.0771i	0.0385-0.0128i	-0.0291+0.1119i	0.2303+0.1158i	0.0149+0.0026i	0.0133+0.0201i
21.6	0.0596+0.0212i	-0.0854-0.0406i	-0.0607+0.0568i	0.0429-0.0130i	-0.0391+0.1323i	0.2406+0.0974i	0.0140-0.0052i	0.0211+0.0255i
21.7	0.0670+0.0194i	-0.0978-0.0375i	-0.0721+0.0499i	0.0439-0.0144i	-0.0296+0.1354i	0.2260+0.1076i	0.0097-0.0091i	0.0260+0.0288i
21.8	0.0727+0.0202i	-0.1112-0.0380i	-0.0910+0.0434i	0.0419-0.0122i	-0.0103+0.1332i	0.2093+0.0955i	0.0205-0.0101i	0.0212+0.0322i
21.9	0.0816+0.0277i	-0.1307-0.0453i	-0.0818+0.0291i	0.0446-0.0128i	-0.0066+0.1653i	0.2046+0.0958i	0.0160-0.0051i	0.0202+0.0367i
22.0	0.0823+0.0300i	-0.1402-0.0432i	-0.0785+0.0285i	0.0443-0.0078i	-0.0198+0.1498i	0.2053+0.0935i	-0.0208-0.0067i	0.0222+0.0301i
22.1	0.0885+0.0352i	-0.1558-0.0407i	-0.0628+0.0108i	0.0485-0.0066i	-0.0243+0.1545i	0.2126+0.0615i	-0.0208-0.0064i	0.0249+0.0321i
22.2	0.0987+0.0329i	-0.1745-0.0395i	-0.0827+0.0034i	0.0505-0.0111i	-0.0220+0.1768i	0.1881+0.0875i	0.0071-0.0141i	0.0298+0.0397i
22.3	0.1038+0.0322i	-0.1814-0.0328i	-0.0836+0.0159i	0.0533-0.0090i	-0.0232+0.1758i	0.1791+0.1200i	-0.0202-0.0338i	0.0271+0.0414i
22.4	0.1035+0.0342i	-0.1883-0.0169i	-0.0694+0.0010i	0.0590-0.0021i	-0.0487+0.1680i	0.1711+0.0816i	-0.0026-0.0185i	0.0259+0.0397i
22.5	0.1091+0.0370i	-0.1969-0.0113i	-0.0800-0.0095i	0.0629-0.0018i	-0.0603+0.1863i	0.1622+0.0766i	0.0006-0.0014i	0.0231+0.0341i
22.6	0.1198+0.0376i	-0.2162-0.0029i	-0.0809-0.0123i	0.0698-0.0052i	-0.0729+0.2190i	0.1397+0.1053i	0.0029-0.0312i	0.0252+0.0430i
22.7	0.1234+0.0350i	-0.2406+0.0085i	-0.0713-0.0050i	0.0705-0.0029i	-0.0964+0.2177i	0.1410+0.1156i	-0.0360-0.0159i	0.0277+0.0330i
22.8	0.1271+0.0375i	-0.2577+0.0267i	-0.0644-0.0240i	0.0754-0.0003i	-0.1220+0.2346i	0.1492+0.1071i	-0.0396-0.0147i	0.0193+0.0321i
22.9	0.1332+0.0363i	-0.2788+0.0470i	-0.0550-0.0275i	0.0804-0.0024i	-0.1432+0.2674i	0.1361+0.1084i	-0.0318-0.0167i	0.0186+0.0384i
23.0	0.1381+0.0395i	-0.2963+0.0763i	-0.0594-0.0411i	0.0873-0.0060i	-0.1681+0.3418i	0.1069+0.1203i	0.0040+0.0072i	0.0085+0.0448i
23.1	0.1459+0.0459i	-0.2975+0.1351i	-0.0619-0.0636i	0.0947-0.0061i	-0.1795+0.4454i	0.1011+0.1561i	0.0093-0.0035i	0.0049+0.0622i
23.2	0.1519+0.0459i	-0.2915+0.1852i	-0.0598-0.0789i	0.0973-0.0109i	-0.1600+0.5363i	0.1071+0.1864i	-0.0086-0.0139i	0.0132+0.0693i
23.3	0.1600+0.0464i	-0.2600+0.2199i	-0.0698-0.0808i	0.0996-0.0128i	-0.0915+0.6108i	0.1483+0.2017i	-0.0173+0.0056i	0.0220+0.0734i
23.4	0.1723+0.0540i	-0.2119+0.2563i	-0.0905-0.0852i	0.1003-0.0089i	0.0285+0.6847i	0.1841+0.1834i	-0.0462+0.0089i	0.0332+0.0753i
23.5	0.1842+0.0478i	-0.1529+0.2605i	-0.1017-0.0833i	0.1024-0.0148i	0.1643+0.7004i	0.2168+0.1849i	-0.0607+0.0082i	0.0516+0.0737i
23.6	0.1902+0.0398i	-0.0828+0.2591i	-0.1019-0.0748i	0.1014-0.0197i	0.3101+0.6942i	0.2505+0.1505i	-0.0515-0.0089i	0.0654+0.0769i
23.7	0.1936+0.0365i	-0.0425+0.2175i	-0.1017-0.0441i	0.0960-0.0166i	0.4110+0.6122i	0.2847+0.0986i	-0.0694-0.0057i	0.0790+0.0654i
23.8	0.1974+0.0347i	-0.0266+0.1768i	-0.0805-0.0386i	0.0980-0.0115i	0.4526+0.5324i	0.2865+0.0661i	-0.0828-0.0047i	0.0830+0.0553i
23.9	0.2021+0.0311i	-0.0080+0.1339i	-0.0603-0.0469i	0.0997-0.0111i	0.4898+0.4288i	0.2595+0.0344i	-0.0481+0.0010i	0.0812+0.0473i
24.0	0.2073+0.0304i	-0.0097+0.1062i	-0.0483-0.0624i	0.1043-0.0068i	0.4961+0.3429i	0.2286+0.0038i	-0.0522+0.0093i	0.0814+0.0362i
24.1	0.2127+0.0336i	-0.0140+0.0840i	-0.0357-0.0706i	0.1119-0.0009i	0.5023+0.3052i	0.1894-0.0175i	-0.0756+0.0326i	0.0794+0.0228i
24.2	0.2158+0.0294i	-0.0238+0.0675i	-0.0114-0.0753i	0.1154-0.0006i	0.5066+0.2544i	0.1447-0.0133i	-0.0570+0.0148i	0.0774+0.0219i
24.3	0.2215+0.0295i	-0.0241+0.0495i	-0.0014-0.0972i	0.1216-0.0011i	0.5000+0.2115i	0.1161-0.0129i	-0.0410-0.0404i	0.0790+0.0308i
24.4	0.2246+0.0273i	-0.0403+0.0433i	0.0036-0.1120i	0.1255-0.0008i	0.4601+0.1916i	0.0952-0.0193i	-0.0574-0.0534i	0.0805+0.0270i
24.5	0.2272+0.0272i	-0.0483+0.0297i	0.0185-0.1131i	0.1294+0.0002i	0.4425+0.1635i	0.0901-0.0088i	-0.0522-0.0386i	0.0727+0.0223i

24.6	0.2308+0.0281i	-0.0512+0.0113i	0.0269-0.1349i	0.1332-0.0024i	0.4431+0.1375i	0.0797-0.0124i	-0.0444-0.0221i	0.0667+0.0256i
24.7	0.2362+0.0275i	-0.0631+0.0055i	0.0187-0.1590i	0.1398-0.0015i	0.4063+0.1213i	0.0630-0.0255i	-0.0356+0.0145i	0.0637+0.0207i
24.8	0.2406+0.0278i	-0.0716+0.0032i	0.0182-0.1674i	0.1470+0.0009i	0.3825+0.1020i	0.0427-0.0049i	-0.0527+0.0100i	0.0580+0.0196i
24.9	0.2462+0.0310i	-0.0826-0.0005i	0.0337-0.1865i	0.1533+0.0048i	0.3709+0.0878i	0.0212+0.0025i	-0.0759-0.0220i	0.0578+0.0265i
25.0	0.2507+0.0297i	-0.0882-0.0087i	0.0346-0.2006i	0.1565+0.0031i	0.3669+0.0757i	-0.0074-0.0080i	-0.0479-0.0049i	0.0577+0.0194i
25.1	0.2546+0.0280i	-0.0896-0.0112i	0.0257-0.2053i	0.1617+0.0056i	0.3585+0.0581i	-0.0147+0.0117i	-0.0604-0.0118i	0.0496+0.0126i
25.2	0.2620+0.0308i	-0.0957-0.0182i	0.0243-0.2171i	0.1660+0.0028i	0.3515+0.0574i	-0.0368+0.0081i	-0.0664-0.0324i	0.0498+0.0172i
25.3	0.2685+0.0287i	-0.0977-0.0233i	0.0216-0.2365i	0.1735-0.0025i	0.3423+0.0584i	-0.0801+0.0173i	-0.0347-0.0125i	0.0451+0.0236i
25.4	0.2771+0.0293i	-0.1024-0.0323i	0.0188-0.2526i	0.1821+0.0002i	0.3353+0.0451i	-0.1250+0.0268i	-0.0460-0.0004i	0.0483+0.0212i
25.5	0.2804+0.0283i	-0.1065-0.0366i	0.0289-0.2556i	0.1872+0.0008i	0.3241+0.0375i	-0.1317+0.0412i	-0.0802+0.0029i	0.0523+0.0216i
25.6	0.2816+0.0245i	-0.1161-0.0487i	0.0361-0.2491i	0.1916-0.0043i	0.3102+0.0261i	-0.1222+0.0850i	-0.0875-0.0001i	0.0562+0.0276i
25.7	0.2867+0.0244i	-0.1204-0.0586i	0.0475-0.2594i	0.2002-0.0036i	0.2985+0.0199i	-0.1501+0.0945i	-0.1064+0.0074i	0.0530+0.0362i
25.8	0.2943+0.0277i	-0.1218-0.0630i	0.0640-0.2709i	0.2079-0.0016i	0.2945+0.0146i	-0.1631+0.0988i	-0.0965+0.0032i	0.0434+0.0288i
25.9	0.3008+0.0265i	-0.1265-0.0677i	0.0792-0.2907i	0.2143-0.0061i	0.2850+0.0063i	-0.1793+0.1139i	-0.1006-0.0210i	0.0437+0.0291i
26.0	0.3112+0.0251i	-0.1338-0.0850i	0.0933-0.3135i	0.2259-0.0107i	0.2765-0.0037i	-0.2055+0.1347i	-0.1228-0.0335i	0.0465+0.0361i
26.1	0.3129+0.0269i	-0.1374-0.1023i	0.1029-0.3393i	0.2309-0.0133i	0.2650-0.0099i	-0.2129+0.1614i	-0.1648+0.0248i	0.0394+0.0334i
26.2	0.3175+0.0246i	-0.1445-0.1174i	0.1154-0.3813i	0.2368-0.0208i	0.2508-0.0153i	-0.2119+0.1888i	-0.1912+0.0203i	0.0396+0.0325i
26.3	0.3234+0.0235i	-0.1524-0.1378i	0.1235-0.4199i	0.2463-0.0306i	0.2416-0.0236i	-0.2407+0.2255i	-0.1299+0.0038i	0.0386+0.0444i
26.4	0.3276+0.0253i	-0.1707-0.1568i	0.1180-0.4633i	0.2510-0.0389i	0.2160-0.0284i	-0.2706+0.2786i	-0.0943+0.0419i	0.0428+0.0486i
26.5	0.3316+0.0297i	-0.1892-0.1703i	0.1171-0.4965i	0.2497-0.0402i	0.2019-0.0282i	-0.2641+0.3111i	-0.0853+0.0633i	0.0380+0.0529i
26.6	0.3369+0.0349i	-0.2135-0.1852i	0.1190-0.5299i	0.2524-0.0451i	0.1791-0.0236i	-0.2543+0.3336i	-0.1148+0.0472i	0.0398+0.0602i
26.7	0.3422+0.0355i	-0.2417-0.1903i	0.1085-0.5606i	0.2547-0.0503i	0.1529-0.0162i	-0.2383+0.3600i	-0.1528+0.0583i	0.0504+0.0655i
26.8	0.3473+0.0362i	-0.2702-0.1953i	0.0799-0.5826i	0.2551-0.0541i	0.1328-0.0056i	-0.2164+0.4009i	-0.1392+0.0253i	0.0549+0.0748i
26.9	0.3528+0.0419i	-0.2945-0.2053i	0.0683-0.6310i	0.2566-0.0583i	0.1066+0.0092i	-0.2045+0.4321i	-0.1330+0.0226i	0.0577+0.0758i
27.0	0.3604+0.0467i	-0.3191-0.2162i	0.0661-0.6973i	0.2621-0.0651i	0.0914+0.0285i	-0.1871+0.4651i	-0.1402+0.1216i	0.0633+0.0842i
27.1	0.3668+0.0567i	-0.3465-0.2104i	0.0298-0.7411i	0.2636-0.0634i	0.0763+0.0612i	-0.1678+0.5105i	-0.1517+0.0887i	0.0715+0.0750i
27.2	0.3800+0.0639i	-0.3865-0.2040i	-0.0303-0.7922i	0.2629-0.0668i	0.0651+0.1004i	-0.1359+0.5542i	-0.1390+0.0834i	0.0766+0.0740i
27.3	0.3981+0.0722i	-0.4260-0.1982i	-0.1084-0.8343i	0.2606-0.0697i	0.0771+0.1355i	-0.0872+0.6038i	-0.1269+0.0626i	0.0820+0.0813i
27.4	0.4101+0.0805i	-0.4349-0.1885i	-0.1655-0.8351i	0.2639-0.0698i	0.1018+0.1698i	-0.0324+0.6128i	-0.2288+0.0402i	0.0880+0.0832i
27.5	0.4274+0.0808i	-0.4559-0.1657i	-0.2490-0.8336i	0.2643-0.0689i	0.1274+0.2067i	0.0398+0.5991i	-0.2837+0.0846i	0.1030+0.0724i
27.6	0.4517+0.0887i	-0.4832-0.1564i	-0.3218-0.8253i	0.2694-0.0658i	0.1545+0.2321i	0.0730+0.6033i	-0.2696+0.1178i	0.1096+0.0803i
27.7	0.4757+0.0890i	-0.4980-0.1491i	-0.3731-0.7825i	0.2765-0.0655i	0.1908+0.2286i	0.1280+0.5988i	-0.2481+0.0740i	0.1032+0.0972i
27.8	0.4929+0.0865i	-0.5221-0.1375i	-0.4259-0.7221i	0.2740-0.0654i	0.2222+0.2265i	0.2172+0.5850i	-0.2218+0.0943i	0.1201+0.0948i
27.9	0.5037+0.0758i	-0.5390-0.1210i	-0.4456-0.6461i	0.2695-0.0631i	0.2499+0.2074i	0.2973+0.5020i	-0.2075+0.1974i	0.1537+0.0767i
28.0	0.5189+0.0697i	-0.5443-0.1146i	-0.4301-0.5774i	0.2770-0.0596i	0.2724+0.1847i	0.3252+0.4377i	-0.2780+0.2532i	0.1561+0.0595i
28.1	0.5389+0.0660i	-0.5540-0.1031i	-0.4205-0.5373i	0.2888-0.0584i	0.2961+0.1762i	0.3430+0.3679i	-0.1643+0.2702i	0.1204+0.0418i
28.2	0.5530+0.0661i	-0.5705-0.0959i	-0.4089-0.5131i	0.2946-0.0555i	0.3084+0.1709i	0.3723+0.3041i	-0.1377+0.2969i	0.1252+0.0347i
28.3	0.5732+0.0595i	-0.5978-0.0872i	-0.4017-0.4785i	0.2983-0.0564i	0.3167+0.1579i	0.3708+0.2265i	-0.1272+0.3351i	0.1391+0.0316i
28.4	0.5841+0.0576i	-0.6187-0.0808i	-0.3750-0.4514i	0.3025-0.0497i	0.3113+0.1460i	0.3384+0.1524i	-0.1193+0.4086i	0.1504+0.0200i
28.5	0.6086+0.0395i	-0.6412-0.0587i	-0.3535-0.4086i	0.3137-0.0527i	0.3260+0.1173i	0.2928+0.0977i	-0.0427+0.3369i	0.1455+0.0138i
28.6	0.6330+0.0346i	-0.6601-0.0590i	-0.3413-0.4033i	0.3266-0.0563i	0.3404+0.1046i	0.2567+0.0767i	0.0392+0.3161i	0.1273+0.0198i
28.7	0.6496+0.0318i	-0.6836-0.0493i	-0.2925-0.4037i	0.3372-0.0548i	0.3310+0.0924i	0.2211+0.0445i	-0.0662+0.3507i	0.1346+0.0260i
28.8	0.6720+0.0312i	-0.7062-0.0315i	-0.2713-0.4046i	0.3515-0.0496i	0.3365+0.0999i	0.1731-0.0063i	-0.0639+0.3835i	0.1381+0.0004i
28.9	0.6942+0.0249i	-0.7291-0.0264i	-0.2248-0.4068i	0.3634-0.0524i	0.3415+0.0916i	0.1401-0.0559i	0.0859+0.2857i	0.1304-0.0075i
29.0	0.7110+0.0118i	-0.7522-0.0080i	-0.1925-0.4173i	0.3729-0.0579i	0.3357+0.0788i	0.0924-0.0896i	0.2007+0.3781i	0.1269-0.0233i
29.1	0.7313+0.0013i	-0.7850+0.0096i	-0.1654-0.4098i	0.3829-0.0592i	0.3247+0.0701i	0.0292-0.0923i	0.1805+0.3427i	0.1270-0.0117i
29.2	0.7456-0.0068i	-0.8113+0.0209i	-0.1361-0.4057i	0.3881-0.0598i	0.3282+0.0646i	-0.0220-0.0907i	0.1121+0.2836i	0.1137-0.0126i
29.3	0.7734-0.0143i	-0.8556+0.0343i	-0.1049-0.4236i	0.4026-0.0617i	0.3253+0.0555i	-0.0692-0.1363i	0.0914+0.2835i	0.1376-0.0089i
29.4	0.7919-0.0147i	-0.8735+0.0427i	-0.0486-0.4375i	0.4162-0.0599i	0.3232+0.0643i	-0.1109-0.1451i	0.1559+0.2960i	0.1201-0.0113i
29.5	0.8153-0.0347i	-0.8951+0.0674i	0.0008-0.4450i	0.4339-0.0717i	0.3305+0.0447i	-0.1522-0.1219i	0.2408+0.2284i	0.0993+0.0063i
29.6	0.8410-0.0511i	-0.9316+0.0770i	0.0287-0.4706i	0.4483-0.0848i	0.3326+0.0297i	-0.1977-0.1060i	0.3155+0.2038i	0.0895+0.0345i
29.7	0.8628-0.0513i	-0.9623+0.1074i	0.0688-0.5081i	0.4588-0.0782i	0.3268+0.0427i	-0.2635-0.1143i	0.3841+0.1280i	0.0783+0.0298i
29.8	0.8779-0.0779i	-1.0038+0.1601i	0.1174-0.5427i	0.4641-0.0875i	0.3210+0.0434i	-0.3229-0.1332i	0.4179+0.0332i	0.0786+0.0021i
29.9	0.8987-0.0929i	-1.0357+0.1914i	0.1518-0.5674i	0.4746-0.0900i	0.3192+0.0326i	-0.3274-0.1359i	0.3719+0.0090i	0.0956+0.0169i
30.0	0.9217-0.1221i	-1.0574+0.2374i	0.1879-0.6338i	0.4870-0.1109i	0.3243+0.0318i	-0.4263-0.1033i	0.3379-0.0129i	0.0776+0.0143i
30.1	0.9739-0.1434i	-1.1315+0.2847i	0.2397-0.7205i	0.5122-0.1255i	0.3253+0.0377i	-0.5536-0.1245i	0.3736-0.1255i	0.0768+0.0098i
30.2	1.0074-0.1671i	-1.1882+0.3334i	0.2956-0.7919i	0.5204-0.1410i	0.3292+0.0396i	-0.6240-0.1507i	0.2553-0.1174i	0.0961+0.0151i
30.3	1.0213-0.1939i	-1.2055+0.4481i	0.3322-0.8434i	0.5320-0.1308i	0.3211+0.0598i	-0.6544-0.0526i	-0.0125-0.1946i	0.1123+0.0280i
30.4	1.0637-0.2124i	-1.2511+0.4932i	0.3559-0.9386i	0.5512-0.1383i	0.3374+0.0619i	-0.7310-0.0740i	0.0162-0.2085i	0.1316+0.0189i
30.5	1.1099-0.2095i	-1.3030+0.5170i	0.4003-1.0471i	0.5697-0.1401i	0.3646+0.0661i	-0.8813-0.1222i	0.0434-0.2573i	0.0938+0.0171i
30.6	1.1617-0.2625i	-1.3550+0.6077i	0.4144-1.1643i	0.5892-0.1666i	0.3839+0.0591i	-1.0354-0.0382i	-0.0397-0.3305i	0.0952+0.0443i
30.7	1.1764-0.3067i	-1.3813+0.7064i	0.4129-1.2596i	0.5862-0.1762i	0.3828+0.0527i	-1.0994+0.0436i	-0.1239-0.3124i	0.1187+0.0529i
30.8	1.2053-0.3509i	-1.4159+0.8343i	0.4066-1.4058i	0.5925-0.1798i	0.3969+0.0487i	-1.2015+0.1685i	-0.2359-0.1998i	0.1434+0.0413i

30.9	1.2326-0.3983i	-1.4222+0.9283i	0.3764-1.5320i	0.5985-0.1999i	0.4242+0.0356i	-1.2795+0.2835i	-0.2664-0.0518i	0.1611+0.0567i
31.0	1.2648-0.4693i	-1.3925+1.1179i	0.2924-1.6712i	0.6176-0.1982i	0.4455+0.0316i	-1.3920+0.4562i	-0.3420-0.0187i	0.1626+0.0450i
31.1	1.3058-0.5190i	-1.4207+1.2265i	0.2592-1.8190i	0.6343-0.2064i	0.4745+0.0121i	-1.5299+0.5862i	-0.3292-0.0189i	0.1695+0.0420i
31.2	1.3304-0.5758i	-1.4165+1.3701i	0.1906-1.9314i	0.6478-0.1985i	0.4707-0.0029i	-1.5849+0.7974i	-0.3107+0.2321i	0.1783+0.0389i
31.3	1.3469-0.6523i	-1.3376+1.5929i	0.1118-2.0831i	0.6796-0.1839i	0.4884-0.0156i	-1.5641+1.0108i	-0.2139+0.4880i	0.1816+0.0067i
31.4	1.3934-0.6857i	-1.3286+1.6706i	0.0513-2.2191i	0.7140-0.1859i	0.5103-0.0479i	-1.6241+1.1755i	-0.1223+0.5256i	0.1798+0.0271i
31.5	1.4059-0.8089i	-1.1855+1.9631i	-0.1259-2.3873i	0.7571-0.1811i	0.5309-0.0636i	-1.6007+1.5043i	0.0072+0.5242i	0.1893+0.0069i
31.6	1.3919-0.8802i	-1.0381+2.1418i	-0.2410-2.4923i	0.7897-0.1711i	0.5485-0.0721i	-1.5280+1.7158i	-0.0457+0.5003i	0.1812+0.0178i
31.7	1.4057-0.9894i	-0.8551+2.3512i	-0.4530-2.6206i	0.8546-0.1805i	0.5663-0.0994i	-1.4266+1.9627i	0.2517+0.4201i	0.2197-0.0026i
31.8	1.4949-1.0687i	-0.7793+2.5983i	-0.5918-2.8496i	0.9585-0.1559i	0.5840-0.1214i	-1.4005+2.1808i	0.3587+0.3066i	0.2410+0.0114i
31.9	1.5580-1.1022i	-0.6520+2.8013i	-0.6662-3.0039i	1.0684-0.0989i	0.6085-0.1063i	-1.3949+2.3219i	0.3845+0.1030i	0.2230+0.0285i
32.0	1.4562-1.2668i	-0.0870+2.9673i	-1.0484-3.0751i	1.1738-0.1657i	0.6612-0.1601i	-0.9998+2.6148i	0.3212-0.0526i	0.2344+0.0194i
32.1	1.3535-1.3422i	0.3353+2.8468i	-1.3181-3.0159i	1.2346-0.2665i	0.6822-0.2429i	-0.6805+2.6939i	0.1887-0.1703i	0.2556+0.0015i
32.2	1.3490-1.4394i	0.5683+2.8955i	-1.5648-3.0263i	1.3229-0.3168i	0.6642-0.2761i	-0.4953+2.6892i	0.1252-0.2075i	0.2794-0.0398i
32.3	1.2868-1.5753i	1.0829+2.8224i	-1.9860-3.0265i	1.4710-0.4584i	0.6870-0.3639i	-0.1684+2.7214i	0.0428-0.3112i	0.2780-0.0617i
32.4	1.1940-1.8241i	1.7829+2.6224i	-2.5546-3.0010i	1.6704-0.7526i	0.7095-0.5239i	0.1883+2.9206i	-0.1009-0.2788i	0.2459-0.0763i
32.5	1.0719-1.9310i	2.1470+2.2189i	-2.8542-2.7816i	1.7111-0.9996i	0.6763-0.6460i	0.3650+2.9263i	-0.1872-0.1726i	0.2046-0.0895i
32.6	0.9082-2.0669i	2.5013+1.5991i	-3.3096-2.4651i	1.7067-1.3681i	0.5789-0.8027i	0.6681+2.9168i	-0.3004-0.0442i	0.1946-0.0464i
32.7	0.7306-2.0834i	2.5207+0.9745i	-3.5031-2.0879i	1.5656-1.6374i	0.4329-0.8713i	0.8486+2.7933i	-0.3857+0.0640i	0.1763-0.0253i
32.8	0.6524-2.1491i	2.4515+0.3863i	-3.8034-1.7841i	1.4769-1.9477i	0.2886-0.9563i	0.9814+2.8499i	-0.4169+0.1657i	0.1507+0.0137i
32.9	0.4793-2.1209i	2.1426-0.0076i	-3.8283-1.3082i	1.1962-2.0846i	0.1291-0.9188i	1.2245+2.7701i	-0.4104+0.2948i	0.1850+0.0566i
33.0	0.2846-2.1666i	1.8406-0.4471i	-3.9576-0.7483i	0.8873-2.3198i	-0.0555-0.8988i	1.6446+2.7033i	-0.2696+0.4743i	0.2519+0.0878i
33.1	0.2025-2.3329i	1.7188-0.8274i	-4.2071-0.3703i	0.7513-2.6598i	-0.1749-0.9146i	1.9790+2.7961i	-0.1494+0.5088i	0.2929+0.1325i
33.2	-0.1025-2.3357i	1.0292-1.1470i	-4.0013+0.3785i	0.1487-2.8013i	-0.3852-0.7918i	2.5261+2.3630i	0.1002+0.5286i	0.4157+0.1125i
33.3	-0.3636-2.2573i	0.5591-1.0895i	-3.6237+0.8402i	-0.3187-2.6946i	-0.4746-0.6301i	2.7377+1.8577i	0.2201+0.4978i	0.4744+0.0355i
33.4	-0.5017-2.1012i	0.1791-0.9344i	-3.1486+1.0254i	-0.6158-2.4766i	-0.4801-0.4656i	2.6435+1.3808i	0.2378+0.4006i	0.5037-0.0351i
33.5	-0.6629-1.9885i	-0.1825-0.8226i	-2.8262+1.2288i	-0.9527-2.3163i	-0.4814-0.3325i	2.5849+1.0103i	0.3457+0.3351i	0.5580-0.0620i
33.6	-0.6265-1.8528i	-0.2312-0.5960i	-2.5596+1.0745i	-0.9385-2.0857i	-0.3942-0.2584i	2.2847+0.8890i	0.3357+0.2309i	0.5468-0.1060i
33.7	-0.7001-1.7822i	-0.3131-0.3921i	-2.3708+1.0636i	-1.0619-1.9168i	-0.3378-0.1953i	2.1450+0.8272i	0.2712+0.1135i	0.5450-0.1421i
33.8	-0.7112-1.4964i	-0.3087-0.1419i	-1.9876+0.9411i	-1.0548-1.5062i	-0.2583-0.1327i	1.9010+0.6465i	0.2574+0.0409i	0.4927-0.1879i
33.9	-0.7391-1.2914i	-0.3465+0.0424i	-1.7256+0.8734i	-1.0968-1.1980i	-0.2037-0.0983i	1.8334+0.5810i	0.2045-0.0335i	0.5001-0.2470i
34.0	-0.7774-1.1279i	-0.3987+0.1943i	-1.5662+0.8731i	-1.1591-0.9479i	-0.1768-0.0684i	1.8911+0.4455i	0.1529-0.0347i	0.5316-0.2912i
34.1	-0.7160-1.0435i	-0.4063+0.2219i	-1.5292+0.8106i	-1.1030-0.8437i	-0.1499-0.0701i	1.9272+0.3966i	0.1399-0.0226i	0.5519-0.3158i
34.2	-0.6321-1.0401i	-0.4408+0.3052i	-1.5583+0.8072i	-1.0417-0.7904i	-0.1377-0.0781i	1.9679+0.3036i	0.1460+0.0011i	0.5953-0.3813i
34.3	-0.7267-1.0115i	-0.4336+0.5015i	-1.3998+0.9508i	-1.1302-0.6351i	-0.1153-0.0494i	1.9809+0.0353i	0.0988-0.0922i	0.5542-0.5211i
34.4	-0.7333-0.9222i	-0.3972+0.5908i	-1.2317+0.9486i	-1.1101-0.4887i	-0.0877-0.0395i	1.8742-0.1483i	0.0671-0.0714i	0.4965-0.5998i
34.5	-0.6803-0.8091i	-0.3392+0.6858i	-1.0621+0.8800i	-1.0142-0.3124i	-0.0498-0.0422i	1.6809-0.3024i	0.0203-0.0507i	0.4262-0.6458i
34.6	-0.5596-0.7916i	-0.2709+0.7116i	-1.0188+0.7269i	-0.8427-0.2761i	-0.0272-0.0621i	1.4881-0.3166i	0.0434-0.0451i	0.3889-0.6718i
34.7	-0.4138-0.7521i	-0.2277+0.7549i	-0.9733+0.5781i	-0.6573-0.2127i	-0.0091-0.0895i	1.3061-0.3538i	0.0154+0.0003i	0.3466-0.6828i
34.8	-0.4606-0.5678i	-0.0336+0.7666i	-0.6890+0.4772i	-0.5636-0.0089i	0.0084-0.0894i	0.9928-0.4345i	-0.0807-0.0064i	0.3123-0.6819i
34.9	-0.4652-0.5586i	0.0434+0.8068i	-0.6328+0.4317i	-0.5070+0.0294i	0.0022-0.1051i	0.8527-0.4371i	-0.0766+0.0144i	0.0973-0.7239i
35.0	-0.4624-0.5831i	0.1003+0.8916i	-0.6190+0.3966i	-0.4554+0.0582i	-0.0098-0.1198i	0.7609-0.4424i	-0.0571+0.0213i	0.0478-0.7614i
35.1	-0.4136-0.4918i	0.1851+0.8195i	-0.5616+0.2351i	-0.3378+0.1020i	-0.0110-0.1207i	0.6287-0.3283i	-0.0545+0.0285i	-0.0477-0.6981i
35.2	-0.3929-0.4402i	0.2492+0.7767i	-0.5219+0.1460i	-0.2631+0.1237i	-0.0142-0.1172i	0.5351-0.2217i	-0.1080+0.0754i	-0.1073-0.6420i
35.3	-0.3514-0.3940i	0.3139+0.7530i	-0.5165+0.0823i	-0.1657+0.1499i	-0.0298-0.1245i	0.4761-0.1653i	-0.0917+0.0863i	-0.1417-0.5873i
35.4	-0.2765-0.4536i	0.3291+0.7189i	-0.5922-0.0038i	-0.0810+0.0520i	-0.0458-0.1189i	0.4224-0.0669i	-0.0831+0.1170i	-0.1709-0.5439i
35.5	-0.2155-0.5250i	0.3731+0.6926i	-0.6653-0.0750i	0.0121-0.0528i	-0.0567-0.1183i	0.3722+0.0102i	-0.0719+0.0924i	-0.1857-0.5192i
35.6	-0.1534-0.4477i	0.3685+0.6281i	-0.6710-0.1492i	0.0837-0.0206i	-0.0566-0.1070i	0.3843+0.0715i	-0.0325+0.1044i	-0.1852-0.4663i
35.7	-0.1521-0.5015i	0.4015+0.6068i	-0.7174-0.1366i	0.0986-0.0997i	-0.0652-0.0904i	0.3492+0.1350i	-0.0132+0.1658i	-0.1997-0.4249i
35.8	-0.0305-0.5326i	0.4328+0.5246i	-0.7692-0.2329i	0.2466-0.2011i	-0.0757-0.0791i	0.2910+0.1741i	0.0010+0.1517i	-0.1818-0.3927i
35.9	-0.0125-0.5671i	0.4225+0.4971i	-0.8040-0.2629i	0.2565-0.2570i	-0.0702-0.0634i	0.2952+0.2824i	-0.0143+0.1089i	-0.2012-0.3694i
36.0	0.0170-0.5952i	0.4117+0.4874i	-0.8407-0.2872i	0.2770-0.2967i	-0.0642-0.0607i	0.2615+0.3216i	-0.0334+0.1324i	-0.1992-0.3435i
36.1	0.0093-0.5736i	0.4140+0.4596i	-0.8259-0.2673i	0.2731-0.2917i	-0.0727-0.0432i	0.3115+0.3586i	0.0273+0.1415i	-0.1582-0.2996i
36.2	0.1510-0.5196i	0.3689+0.4198i	-0.8163-0.3401i	0.3952-0.2733i	-0.0603-0.0373i	0.3153+0.3215i	0.0171+0.1203i	-0.1319-0.2642i
36.3	0.1802-0.5131i	0.3731+0.4000i	-0.8183-0.3573i	0.4278-0.2817i	-0.0548-0.0309i	0.3285+0.3458i	0.0221+0.1297i	-0.1090-0.2590i
36.4	0.2050-0.5714i	0.3639+0.3941i	-0.8431-0.3688i	0.4476-0.3501i	-0.0609-0.0119i	0.3303+0.3814i	0.0442+0.0965i	-0.0703-0.2429i
36.5	0.1908-0.6232i	0.3268+0.4037i	-0.8494-0.3677i	0.4100-0.4000i	-0.0486+0.0075i	0.3276+0.4098i	0.0292+0.0678i	-0.0928-0.2414i
36.6	0.1805-0.6766i	0.3375+0.3826i	-0.8656-0.4076i	0.3901-0.4673i	-0.0227+0.0227i	0.2759+0.5122i	0.0007+0.0661i	-0.0679-0.2554i
36.7	0.2169-0.6936i	0.3530+0.4011i	-0.8850-0.4469i	0.4402-0.4653i	-0.0250+0.0109i	0.3181+0.5873i	0.0128+0.0976i	-0.0245-0.2161i
36.8	0.2133-0.7759i	0.3345+0.4104i	-0.9414-0.4431i	0.4208-0.5370i	-0.0186+0.0126i	0.3715+0.6845i	0.0381+0.0772i	-0.0168-0.2215i
36.9	0.2713-0.8171i	0.3411+0.4011i	-0.9676-0.4907i	0.4837-0.5869i	-0.0142+0.0095i	0.3811+0.7479i	0.0354+0.1047i	0.0150-0.2271i
37.0	0.3254-0.8859i	0.3573+0.4334i	-1.0200-0.5295i	0.5522-0.6357i	-0.0204+0.0200i	0.4228+0.7631i	0.0422+0.0935i	0.0547-0.2262i
37.1	0.3284-0.9563i	0.3812+0.3927i	-1.0747-0.5660i	0.5729-0.7334i	-0.0243+0.0339i	0.5023+0.8414i	0.0360+0.0849i	0.0883-0.2698i

37.2	0.2699-1.0330i	0.3768+0.3988i	-1.1508-0.5590i	0.5115-0.8024i	-0.0076+0.0446i	0.6086+0.8814i	-0.0070+0.1114i	0.0584-0.2886i
37.3	0.2379-1.0597i	0.3720+0.3817i	-1.2075-0.5358i	0.4803-0.8382i	0.0073+0.0598i	0.6903+0.8719i	-0.0501+0.1055i	0.0420-0.3269i
37.4	0.2770-1.0569i	0.3905+0.3641i	-1.2027-0.5233i	0.5512-0.8435i	0.0087+0.0838i	0.7137+0.7934i	-0.0754+0.0897i	0.0646-0.3490i
37.5	0.2617-1.1252i	0.3820+0.3504i	-1.2306-0.5398i	0.5439-0.9251i	0.0358+0.1101i	0.7642+0.7987i	-0.0509+0.1115i	0.0454-0.3789i
37.6	0.2178-1.2219i	0.4363+0.3560i	-1.2890-0.5216i	0.5367-1.0218i	0.0593+0.1334i	0.7979+0.7942i	-0.0512+0.1874i	0.1124-0.3912i
37.7	0.0826-1.2858i	0.4685+0.3369i	-1.3347-0.4659i	0.4316-1.1034i	0.1103+0.1303i	0.8946+0.8148i	-0.0599+0.2060i	0.0902-0.4328i
37.8	0.0075-1.3237i	0.4971+0.3048i	-1.3434-0.4188i	0.3789-1.1702i	0.1457+0.1235i	0.9489+0.7530i	-0.0682+0.2496i	0.0964-0.4561i
37.9	-0.0310-1.3157i	0.4892+0.2972i	-1.3728-0.3995i	0.3447-1.1716i	0.1805+0.1040i	1.0452+0.6760i	-0.0513+0.2518i	0.0619-0.4254i
38.0	-0.0966-1.3252i	0.5297+0.2534i	-1.3940-0.4104i	0.3209-1.2184i	0.2208+0.0899i	1.1028+0.6642i	-0.0031+0.2570i	0.0603-0.4751i
38.1	-0.0868-1.2932i	0.5671+0.2072i	-1.4019-0.4031i	0.3759-1.2364i	0.2349+0.0767i	1.1567+0.5207i	-0.0312+0.2503i	0.0951-0.4925i
38.2	-0.1835-1.3351i	0.5823+0.1688i	-1.4669-0.4011i	0.2923-1.3250i	0.2747+0.0376i	1.2092+0.4807i	0.0443+0.2347i	0.1020-0.5365i
38.3	-0.2438-1.2726i	0.5990+0.0888i	-1.4915-0.3932i	0.2461-1.3345i	0.2957+0.0045i	1.1967+0.4069i	0.0899+0.2418i	0.1091-0.5944i
38.4	-0.2232-1.2073i	0.5793-0.0177i	-1.4951-0.3648i	0.2504-1.3617i	0.2935-0.0103i	1.1345+0.2719i	0.0897+0.2366i	0.1247-0.6746i
38.5	-0.2181-1.1898i	0.5645-0.0994i	-1.4709-0.3139i	0.2401-1.4256i	0.3030-0.0331i	1.0524+0.1295i	0.0878+0.2031i	0.1369-0.7747i
38.6	-0.2580-1.1809i	0.5221-0.1268i	-1.4942-0.2440i	0.1609-1.4490i	0.3037-0.0866i	1.0590+0.0817i	0.1155+0.2189i	0.0772-0.8069i
38.7	-0.2752-1.1810i	0.4997-0.2079i	-1.4610-0.1678i	0.1090-1.5171i	0.2981-0.1037i	0.8947-0.0145i	0.1161+0.1915i	0.0879-0.9816i
38.8	-0.2357-1.1896i	0.4284-0.2670i	-1.4771-0.1507i	0.0881-1.5805i	0.2910-0.1249i	0.8076-0.0658i	0.1521+0.2175i	0.0325-1.0777i
38.9	-0.1825-1.1785i	0.3067-0.2794i	-1.4824-0.1542i	0.0424-1.5887i	0.2768-0.1560i	0.7065-0.0863i	0.1852+0.2270i	-0.0954-1.0536i
39.0	-0.2112-1.1856i	0.2582-0.2840i	-1.4390-0.0885i	-0.0403-1.6084i	0.2633-0.1834i	0.5666-0.0997i	0.1703+0.1605i	-0.1832-1.1181i
39.1	-0.2220-1.2464i	0.1733-0.2738i	-1.4200-0.0790i	-0.1340-1.6694i	0.2574-0.2111i	0.4258-0.0183i	0.1376+0.1578i	-0.3089-1.1274i
39.2	-0.2274-1.2690i	0.1103-0.2976i	-1.3510-0.1144i	-0.2016-1.7071i	0.2553-0.2263i	0.2401+0.0853i	0.1063+0.1554i	-0.4218-1.1882i
39.3	-0.2551-1.2785i	0.0469-0.2695i	-1.3019-0.1223i	-0.2875-1.6899i	0.2333-0.2366i	0.1770+0.1745i	0.1150+0.1425i	-0.5499-1.1653i
39.4	-0.2955-1.3201i	-0.0120-0.2470i	-1.2994-0.1230i	-0.3820-1.7121i	0.2128-0.2642i	0.1746+0.2928i	0.1050+0.1442i	-0.6649-1.1452i
39.5	-0.3056-1.3668i	-0.0934-0.1901i	-1.3415-0.1625i	-0.4564-1.7113i	0.1967-0.2877i	0.2192+0.4743i	0.1268+0.1551i	-0.8369-1.0708i
39.6	-0.3882-1.4056i	-0.1155-0.1546i	-1.3254-0.2103i	-0.5726-1.7173i	0.1872-0.2922i	0.1907+0.6939i	0.1486+0.0988i	-0.9141-1.1213i
39.7	-0.4300-1.4063i	-0.1091-0.1412i	-1.3445-0.2339i	-0.6107-1.6965i	0.1765-0.2930i	0.2623+0.7957i	0.1331+0.0621i	-0.9583-1.1492i
39.8	-0.4884-1.4188i	-0.1875-0.1513i	-1.4138-0.1953i	-0.7327-1.7240i	0.1548-0.3047i	0.3804+0.7710i	0.1081+0.0974i	-1.2665-1.1320i
39.9	-0.5350-1.4135i	-0.2425-0.0807i	-1.4047-0.1790i	-0.8299-1.6617i	0.1262-0.3137i	0.4075+0.8362i	0.1117+0.1022i	-1.3997-0.9442i
40.0	-0.6046-1.3945i	-0.2448-0.0291i	-1.3838-0.1902i	-0.9123-1.5956i	0.1071-0.3167i	0.4365+0.9051i	0.0821+0.0904i	-1.4270-0.8241i
40.1	-0.6232-1.3863i	-0.2567+0.0243i	-1.4101-0.1804i	-0.9432-1.5400i	0.0894-0.3186i	0.5104+0.9261i	0.0892+0.0971i	-1.4556-0.6921i
40.2	-0.6569-1.4180i	-0.3108+0.0877i	-1.4666-0.1946i	-1.0167-1.5230i	0.0921-0.3361i	0.6229+1.0196i	0.0752+0.1449i	-1.6100-0.5175i
40.3	-0.7362-1.4029i	-0.2923+0.1722i	-1.4683-0.1280i	-1.0820-1.4425i	0.0671-0.3397i	0.7340+0.9593i	0.1093+0.1413i	-1.5742-0.2927i
40.4	-0.7442-1.3278i	-0.2936+0.2219i	-1.4703-0.0999i	-1.0855-1.3213i	0.0516-0.3259i	0.8066+0.9058i	0.1030+0.1493i	-1.5902-0.1140i
40.5	-0.7748-1.3106i	-0.2716+0.3030i	-1.4522-0.0723i	-1.1059-1.2510i	0.0401-0.3323i	0.8387+0.8765i	0.0849+0.1542i	-1.5245+0.1181i
40.6	-0.7961-1.3206i	-0.2250+0.3321i	-1.4258-0.1068i	-1.1052-1.2357i	0.0335-0.3371i	0.8129+0.9290i	0.0477+0.1429i	-1.4465+0.1622i
40.7	-0.8351-1.3159i	-0.2513+0.3602i	-1.4783-0.1624i	-1.1682-1.1976i	0.0283-0.3407i	0.9169+1.0688i	0.0657+0.1713i	-1.5641+0.2420i
40.8	-0.8358-1.2914i	-0.2378+0.3613i	-1.4664-0.1923i	-1.1564-1.1695i	0.0189-0.3409i	0.9521+1.1165i	0.0731+0.1933i	-1.5197+0.2631i
40.9	-0.8744-1.3022i	-0.2232+0.4584i	-1.5012-0.1192i	-1.1870-1.1148i	-0.0046-0.3441i	1.0731+1.0399i	0.0870+0.1689i	-1.4662+0.5367i
41.0	-0.9592-1.2318i	-0.1232+0.4856i	-1.4394-0.1533i	-1.2229-1.0070i	-0.0179-0.3275i	1.0653+1.0786i	0.0831+0.1655i	-1.2889+0.5484i
41.1	-0.9909-1.1493i	-0.0526+0.4087i	-1.4694-0.2152i	-1.1954-0.9510i	-0.0421-0.3309i	1.1878+1.1215i	0.0510+0.1598i	-1.1914+0.4363i
41.2	-1.0109-1.1890i	-0.0377+0.4348i	-1.5335-0.1494i	-1.2031-0.9809i	-0.0735-0.3440i	1.2949+1.0079i	0.0550+0.1754i	-1.1365+0.5341i
41.3	-1.0272-1.1835i	0.0206+0.4608i	-1.5044-0.0192i	-1.1847-0.9528i	-0.0862-0.3574i	1.3134+0.7932i	0.1154+0.1902i	-0.9515+0.7027i
41.4	-1.0293-1.1451i	0.0280+0.4489i	-1.4753-0.0244i	-1.1773-0.9056i	-0.1108-0.3536i	1.3144+0.7885i	0.0958+0.1945i	-0.8747+0.7627i
41.5	-1.0643-1.1111i	0.0421+0.4216i	-1.4727-0.0711i	-1.1939-0.8776i	-0.1443-0.3450i	1.3801+0.8610i	0.1611+0.1819i	-0.8184+0.6943i
41.6	-1.0945-1.0957i	0.0584+0.4208i	-1.4793-0.0874i	-1.1932-0.8592i	-0.1904-0.3256i	1.4516+0.7928i	0.1411+0.1597i	-0.6922+0.6726i
41.7	-1.0842-1.0683i	0.0693+0.4245i	-1.4663-0.1183i	-1.1688-0.8316i	-0.1982-0.2996i	1.4375+0.7747i	0.1088+0.1476i	-0.6487+0.6415i
41.8	-1.1372-1.0262i	0.0992+0.4291i	-1.4917-0.1005i	-1.1908-0.7886i	-0.2227-0.2743i	1.5654+0.6869i	0.0803+0.1788i	-0.5514+0.6723i
41.9	-1.1726-1.0316i	0.0792+0.4480i	-1.5954-0.0556i	-1.2387-0.7907i	-0.2227-0.2620i	1.6673+0.5827i	0.0814+0.2004i	-0.6225+0.8018i
42.0	-1.1137-1.0076i	0.0776+0.4774i	-1.5862-0.0744i	-1.1878-0.7486i	-0.2040-0.2388i	1.5175+0.6430i	0.0843+0.2185i	-0.5978+0.7728i
42.1	-1.1168-1.0206i	0.1500+0.4874i	-1.5524-0.1052i	-1.1508-0.7479i	-0.2080-0.2241i	1.5260+0.7409i	0.1074+0.2428i	-0.4696+0.6908i
42.2	-1.2190-1.0467i	0.2158+0.5017i	-1.5920-0.0469i	-1.2027-0.7673i	-0.2270-0.2209i	1.7722+0.5451i	0.1195+0.2207i	-0.3743+0.7928i
42.3	-1.2639-0.9645i	0.2592+0.4690i	-1.6017-0.0297i	-1.2195-0.7131i	-0.2074-0.2080i	1.7505+0.3602i	0.1176+0.2418i	-0.3406+0.7846i
42.4	-1.2465-0.9033i	0.2840+0.4148i	-1.6772-0.0685i	-1.1820-0.6836i	-0.2168-0.2162i	1.8029+0.4143i	0.1234+0.2427i	-0.3808+0.7223i
42.5	-1.2473-0.9311i	0.2974+0.3831i	-1.6764+0.0676i	-1.1971-0.7377i	-0.2191-0.2065i	1.7456+0.1504i	0.1803+0.2715i	-0.2847+0.8101i
42.6	-1.2582-0.9063i	0.3117+0.3298i	-1.5882+0.0041i	-1.2023-0.7286i	-0.2074-0.2066i	1.5488+0.2460i	0.1473+0.2688i	-0.1761+0.7200i
42.7	-1.2929-0.8433i	0.3289+0.2447i	-1.5488-0.0468i	-1.2094-0.7092i	-0.2428-0.1949i	1.5340+0.2386i	0.1202+0.2566i	-0.0900+0.5633i
42.8	-1.2918-0.7755i	0.2619+0.1542i	-1.4970-0.1486i	-1.2309-0.6957i	-0.2766-0.1829i	1.4517+0.2743i	0.0600+0.2336i	-0.1056+0.3867i
42.9	-1.2289-0.7549i	0.1875+0.2108i	-1.6960-0.1622i	-1.2054-0.6632i	-0.2799-0.1344i	1.5506+0.3081i	0.0992+0.3102i	-0.2405+0.3761i
43.0	-1.2488-0.7917i	0.2388+0.2927i	-1.7714+0.0314i	-1.2162-0.6478i	-0.2599-0.1197i	1.5979+0.1724i	0.2184+0.2746i	-0.1412+0.5555i
43.1	-1.2563-0.7583i	0.2641+0.2307i	-1.7428+0.0906i	-1.2151-0.6414i	-0.2438-0.1258i	1.5604+0.0909i	0.2722+0.2562i	-0.1088+0.5106i
43.2	-1.2114-0.7479i	0.1913+0.1226i	-1.7383+0.0469i	-1.1947-0.6787i	-0.2598-0.1399i	1.5194+0.2053i	0.2625+0.2416i	-0.1862+0.3616i
43.3	-1.2163-0.7598i	0.0666+0.1850i	-1.7704+0.0627i	-1.2558-0.6715i	-0.2941-0.0691i	1.5537+0.2017i	0.2558+0.2545i	-0.2623+0.3326i
43.4	-1.2299-0.7561i	0.0668+0.2716i	-1.6775+0.1448i	-1.2832-0.6430i	-0.2528-0.0093i	1.4364+0.0396i	0.2272+0.2670i	-0.2767+0.4040i

43.5	−1.2538−0.7761i	0.1575+0.3305i	−1.6423+0.0669i	−1.2759−0.6069i	−0.2068−0.0350i	1.2930+0.2986i	0.2446+0.2921i	−0.1916+0.4197i
43.6	−1.2694−0.7816i	0.2029+0.2899i	−1.8714+0.0479i	−1.2574−0.6326i	−0.2152−0.0794i	1.7070+0.4439i	0.3064+0.3054i	−0.3140+0.4247i
43.7	−1.2600−0.8235i	0.1788+0.2818i	−1.8866+0.2273i	−1.2578−0.6907i	−0.2289−0.0755i	1.7770+0.1713i	0.3565+0.2747i	−0.2958+0.5189i
43.8	−1.3397−0.8031i	0.1664+0.3041i	−1.5803+0.3111i	−1.3468−0.6583i	−0.2220−0.0431i	1.4666+0.0643i	0.3413+0.2056i	−0.1748+0.5166i
43.9	−1.4428−0.7953i	0.2173+0.3247i	−1.5235+0.1726i	−1.4315−0.6375i	−0.2071−0.0368i	1.4907+0.2594i	0.3402+0.2185i	−0.1142+0.4214i
44.0	−1.5151−0.7108i	0.2706+0.3095i	−1.5779+0.0497i	−1.4703−0.5573i	−0.2082−0.0439i	1.7273+0.2800i	0.3190+0.2330i	−0.1637+0.3945i
44.1	−1.4938−0.6160i	0.2798+0.2563i	−1.6494−0.0579i	−1.4448−0.4851i	−0.1834−0.0658i	1.6669+0.2047i	0.3324+0.3355i	−0.2104+0.4490i
44.2	−1.4794−0.5993i	0.2055+0.2712i	−1.8165−0.0889i	−1.4385−0.4608i	−0.2469−0.0690i	1.9115+0.3637i	0.3993+0.2970i	−0.2174+0.4200i
44.3	−1.4997−0.5709i	0.3396+0.3949i	−1.9494−0.0379i	−1.4069−0.4077i	−0.2025−0.0091i	2.2940+0.0712i	0.4022+0.2977i	−0.2939+0.5789i
44.4	−1.4623−0.4858i	0.4208+0.1771i	−2.0505+0.1701i	−1.3638−0.4277i	−0.1847−0.0671i	2.1349−0.3954i	0.4489+0.2964i	−0.2083+0.6189i
44.5	−1.4187−0.4864i	0.2735+0.1077i	−1.9010+0.3674i	−1.3994−0.4373i	−0.2494−0.0761i	1.7242−0.4970i	0.4579+0.2147i	−0.0799+0.6009i
44.6	−1.4181−0.4741i	0.1612+0.1892i	−1.8630+0.4048i	−1.4394−0.4045i	−0.2917−0.0168i	1.7629−0.5779i	0.4910+0.1645i	−0.1006+0.5991i
44.7	−1.4443−0.4890i	0.2951+0.2814i	−1.7758+0.4497i	−1.4429−0.3627i	−0.2305+0.0240i	1.5372−0.6263i	0.5085+0.1296i	0.0303+0.5860i
44.8	−1.4635−0.4733i	0.3684+0.1221i	−1.6781+0.3852i	−1.4193−0.3674i	−0.2116−0.0458i	1.3420−0.4187i	0.4919+0.0938i	0.1381+0.4502i
44.9	−1.4960−0.4593i	0.2489+0.0509i	−1.5635+0.2331i	−1.4634−0.3705i	−0.2904−0.0533i	1.3416−0.0785i	0.4366+0.0197i	0.1205+0.2741i
45.0	−1.4822−0.3722i	0.2424+0.1082i	−1.8006+0.0915i	−1.4399−0.2817i	−0.2997+0.0294i	1.7614−0.0939i	0.3933+0.0513i	−0.0883+0.2733i
45.1	−1.4806−0.3652i	0.2620+0.0736i	−1.9018+0.3328i	−1.4291−0.2944i	−0.2643+0.0440i	1.8913−0.4856i	0.4177+0.0588i	−0.1037+0.3994i
45.2	−1.4965−0.3550i	0.2044+0.0162i	−1.7721+0.4185i	−1.4556−0.3072i	−0.2716+0.0332i	1.5761−0.5903i	0.4248−0.0117i	−0.0293+0.3408i
45.3	−1.4817−0.3443i	0.1454+0.0351i	−1.7992+0.3644i	−1.4627−0.3093i	−0.3065+0.0334i	1.5758−0.5186i	0.4123−0.0111i	−0.0592+0.3459i
45.4	−1.5101−0.3737i	0.1345+0.1307i	−1.7332+0.5674i	−1.5363−0.3044i	−0.2838+0.1105i	1.3668−0.7892i	0.4494−0.0147i	0.0157+0.4367i
45.5	−1.5430−0.3218i	0.2173+0.1152i	−1.5662+0.2645i	−1.5239−0.2335i	−0.2323+0.0791i	1.1227−0.3722i	0.4281−0.0121i	0.0595+0.2990i
45.6	−1.4599−0.2635i	0.1905+0.0143i	−1.8119+0.1885i	−1.4378−0.2394i	−0.2714+0.0348i	1.3398−0.3102i	0.3970+0.0164i	−0.0177+0.2811i
45.7	−1.4952−0.3206i	0.1405+0.0223i	−1.7419+0.3791i	−1.5072−0.2903i	−0.3055+0.0815i	1.2592−0.4538i	0.4078−0.0557i	0.0304+0.2638i
45.8	−1.5179−0.2859i	0.0851+0.0331i	−1.7531+0.2646i	−1.5394−0.2525i	−0.3211+0.1096i	1.3304−0.3723i	0.3901−0.0614i	0.0037+0.2287i
45.9	−1.4152−0.2468i	0.0250+0.0939i	−1.8921+0.3131i	−1.4654−0.2013i	−0.3110+0.1409i	1.4077−0.4413i	0.4118+0.0003i	−0.0717+0.3291i
46.0	−1.3984−0.2723i	0.0278+0.1191i	−1.9081+0.4216i	−1.4631−0.2385i	−0.3005+0.1706i	1.3653−0.5057i	0.4290+0.0042i	−0.0384+0.3285i
46.1	−1.3943−0.2917i	0.0334+0.1680i	−2.0292+0.5433i	−1.4786−0.2669i	−0.3114+0.1952i	1.4043−0.5533i	0.4452−0.0489i	−0.0047+0.3420i
46.2	−1.4876−0.3846i	0.0711+0.1756i	−1.7739+0.8274i	−1.6153−0.3318i	−0.2893+0.2282i	1.2023−0.7534i	0.4255−0.1196i	0.1004+0.3455i
46.3	−1.5808−0.3948i	0.0596+0.1705i	−1.4722+0.6607i	−1.7179−0.2997i	−0.3146+0.2486i	0.9672−0.5282i	0.3645−0.1404i	0.1191+0.1823i
46.4	−1.5857−0.3633i	0.0013+0.3138i	−1.5738+0.4151i	−1.7204−0.1926i	−0.3566+0.3734i	1.2397−0.3824i	0.3381−0.0988i	−0.0035+0.1692i
46.5	−1.6700−0.3929i	0.2251+0.4690i	−1.6138+0.4421i	−1.7274−0.1521i	−0.1783+0.4788i	1.1586−0.6808i	0.3236−0.0493i	0.0124+0.2775i
46.6	−1.7469−0.2927i	0.4226+0.2434i	−1.6275+0.4075i	−1.7228−0.1307i	−0.0343+0.3607i	0.9484−0.6009i	0.3006−0.0352i	0.0544+0.2333i
46.7	−1.7657−0.2249i	0.3471+0.0825i	−1.5874+0.4244i	−1.7621−0.1226i	−0.0498+0.2753i	0.9244−0.5912i	0.2954−0.0838i	0.0229+0.1740i
46.8	−1.7149−0.1180i	0.3029+0.1022i	−1.6487+0.2412i	−1.7296−0.0013i	−0.0882+0.2458i	0.6620−0.4436i	0.2951−0.0028i	0.0317+0.2141i
46.9	−1.6464−0.1040i	0.3336+0.0288i	−1.8221+0.2684i	−1.6547−0.0057i	−0.0962+0.2368i	0.7608−0.1450i	0.3795+0.0248i	0.0530+0.1811i
47.0	−1.6585−0.1414i	0.2224−0.1289i	−1.9210+0.5194i	−1.7229−0.0829i	−0.1251+0.2153i	1.0067−0.2671i	0.4310−0.0567i	0.0277+0.1125i
47.1	−1.7150−0.2075i	0.1125−0.0642i	−1.8200+0.6631i	−1.8079−0.1059i	−0.1711+0.2637i	0.7888−0.3842i	0.4006−0.1104i	0.0172+0.1039i
47.2	−1.8684−0.1998i	0.1934+0.0876i	−1.5944+0.6844i	−1.9019−0.0378i	−0.1038+0.3790i	0.4671−0.0514i	0.3819−0.1262i	0.0458+0.0820i
47.3	−1.9670−0.1394i	0.2361−0.0414i	−1.4911+0.5781i	−1.9834−0.0380i	−0.0673+0.3503i	0.6334+0.2734i	0.3940−0.1611i	0.0348−0.0120i
47.4	−2.0022−0.0411i	0.1707−0.1071i	−1.4374+0.3496i	−2.0589+0.0248i	−0.0682+0.3215i	0.7913+0.4457i	0.3732−0.1133i	−0.0193−0.0650i
47.5	−1.9809+0.0947i	0.0937−0.1666i	−1.4443+0.1680i	−2.0675+0.1345i	−0.0711+0.3085i	0.9835+0.5487i	0.2941−0.1194i	−0.1232−0.1256i
47.6	−1.9352+0.1427i	−0.0501−0.1268i	−1.6162+0.0322i	−2.0917+0.2076i	−0.1364+0.3361i	1.2418+0.7083i	0.3102−0.1768i	−0.2441−0.1708i
47.7	−1.9292+0.1149i	−0.0594−0.0175i	−1.8459+0.0589i	−2.1057+0.2414i	−0.0845+0.4619i	1.7907+0.5864i	0.2760−0.1661i	−0.3967−0.1193i
47.8	−1.9313+0.2021i	−0.1080+0.0243i	−2.0006+0.2338i	−2.1227+0.3805i	−0.0247+0.4912i	1.8816+0.2102i	0.2520−0.1626i	−0.5036−0.0082i
47.9	−1.9296+0.2049i	−0.0902+0.1564i	−2.0688+0.4579i	−2.1124+0.4581i	0.0389+0.5692i	1.8360+0.0808i	0.2789−0.1793i	−0.5083+0.0853i
48.0	−1.9702+0.2630i	0.0717+0.0680i	−2.1116+0.4986i	−2.0927+0.5228i	0.1859+0.5511i	2.0024+0.0923i	0.1978−0.1874i	−0.5617+0.1141i
48.1	−1.9997+0.3900i	−0.0222+0.0288i	−1.8687+0.6920i	−2.0940+0.6580i	0.2474+0.4429i	1.8115−0.3454i	0.1133−0.1864i	−0.5797+0.2552i
48.2	−1.9712+0.4641i	−0.0805+0.1048i	−1.7851+0.5740i	−2.0751+0.7519i	0.2257+0.4273i	1.6134−0.1747i	0.0658−0.1553i	−0.5546+0.3021i
48.3	−1.9748+0.5109i	−0.0305+0.1655i	−1.6817+0.4388i	−2.0531+0.8250i	0.2632+0.4395i	1.5461+0.0030i	0.1030−0.0637i	−0.4900+0.3163i
48.4	−1.9844+0.6183i	0.0517+0.1075i	−1.7082+0.1087i	−2.0326+0.9139i	0.2877+0.4090i	1.4859+0.3933i	0.1299+0.0154i	−0.4546+0.2382i
48.5	−1.8909+0.6591i	0.0895+0.0589i	−2.0220+0.1134i	−1.9343+0.9492i	0.3573+0.3992i	1.9948+0.4434i	0.1227+0.0518i	−0.5427+0.2958i
48.6	−1.8729+0.6596i	0.0527−0.0059i	−2.3028+0.2234i	−1.9127+0.9550i	0.4119+0.3567i	2.3974+0.2495i	0.1369+0.0553i	−0.6324+0.3404i
48.7	−1.8689+0.6494i	0.0085−0.0037i	−2.4931+0.4817i	−1.9155+0.9634i	0.4543+0.3095i	2.6639−0.1878i	0.1417+0.0559i	−0.7243+0.4560i
48.8	−1.8877+0.6354i	−0.0294−0.0050i	−2.3446+1.0317i	−1.9247+0.9984i	0.4750+0.1881i	2.5759−1.1725i	0.1614+0.0600i	−0.6838+0.7288i
48.9	−1.8976+0.6531i	−0.1233+0.0225i	−1.9258+1.0108i	−1.8964+1.0159i	0.3820+0.1413i	1.8138−1.1722i	0.2279+0.0999i	−0.4185+0.7372i
49.0	−1.8916+0.7167i	−0.1179+0.2086i	−1.7416+0.7596i	−1.8597+1.1361i	0.3443+0.2317i	1.4908−0.8904i	0.2144+0.0447i	−0.3631+0.6504i
49.1	−1.8835+0.7997i	0.0406+0.1969i	−1.7881+0.6845i	−1.7813+1.2189i	0.4345+0.2014i	1.3574−0.7844i	0.2126+0.0687i	−0.3251+0.6445i
49.2	−1.9003+0.8154i	0.0485+0.0681i	−1.7403+0.6800i	−1.7811+1.1785i	0.4290+0.1116i	1.3221−0.3867i	0.2768+0.0193i	−0.3181+0.5047i
49.3	−1.8780+0.8119i	0.0051+0.0198i	−1.7566+0.5470i	−1.7648+1.1590i	0.4223+0.1117i	1.7255−0.1191i	0.2116+0.0118i	−0.4728+0.4741i
49.4	−1.7948+0.8597i	−0.0663−0.0068i	−2.0206+0.5332i	−1.6644+1.2307i	0.4486+0.0798i	2.3507−0.5024i	0.1610+0.0337i	−0.6593+0.6355i
49.5	−1.8213+0.8798i	−0.1215+0.0426i	−1.9751+0.7064i	−1.6422+1.2626i	0.4261+0.0640i	2.0799−0.8730i	0.1978+0.0860i	−0.5681+0.8083i
49.6	−1.8633+0.9738i	−0.1125+0.0781i	−1.8131+0.5969i	−1.6598+1.3342i	0.4412+0.0658i	1.8145−0.7823i	0.2298+0.1454i	−0.4460+0.8324i
49.7	−1.7804+0.9698i	−0.1196+0.0778i	−2.1202+0.4315i	−1.5774+1.3178i	0.4405+0.0328i	2.0378−0.6762i	0.1873+0.1537i	−0.5890+0.8497i

49.8	−1.7206+0.9278i	−0.1580+0.1130i	−2.4569+0.7353i	−1.5119+1.3049i	0.4549−0.0043i	2.5648−1.1172i	0.2129+0.1770i	−0.6818+1.0826i
49.9	−1.8376+0.9422i	−0.1443+0.1557i	−2.0846+1.2857i	−1.5354+1.3342i	0.4672−0.0722i	1.9508−1.8922i	0.3913+0.1720i	−0.3139+1.3121i
50.0	−1.8896+1.0790i	−0.1335+0.1597i	−1.7133+1.1267i	−1.5671+1.4006i	0.4331−0.1157i	1.3035−1.7091i	0.3998+0.1178i	−0.1037+1.2181i
50.1	−1.9169+1.1343i	−0.1370+0.1604i	−1.6839+1.0231i	−1.6263+1.4536i	0.4019−0.1043i	1.1060−1.4924i	0.3957+0.1492i	−0.0438+1.2044i
50.2	−1.9563+1.1883i	−0.1525+0.1855i	−1.5992+0.9878i	−1.6498+1.5345i	0.4089−0.1022i	1.0445−1.4542i	0.4922+0.0933i	0.0221+1.1219i
50.3	−1.9664+1.2546i	−0.1605+0.2463i	−1.5092+0.9838i	−1.6139+1.5882i	0.4147−0.1415i	0.7469−1.7097i	0.5124+0.0577i	0.1184+1.1492i
50.4	−1.9544+1.4133i	−0.0933+0.3084i	−1.2239+0.8023i	−1.5198+1.7138i	0.4161−0.1637i	−0.0275−1.4337i	0.4815+0.0344i	0.3122+1.0420i
50.5	−1.8601+1.5443i	−0.0601+0.2178i	−1.3653+0.3995i	−1.4229+1.7871i	0.4170−0.1898i	0.0826−0.5465i	0.4406+0.0273i	0.2272+0.8338i
50.6	−1.7753+1.5426i	−0.1005+0.2601i	−1.7274+0.4666i	−1.3642+1.7633i	0.3883−0.2029i	0.4276−0.4534i	0.4436+0.1349i	0.1732+0.9819i
50.7	−1.7967+1.5125i	−0.0448+0.2611i	−1.6040+0.6479i	−1.3688+1.7269i	0.3863−0.2285i	0.2275−0.5643i	0.5220+0.1216i	0.3517+1.0267i
50.8	−1.7697+1.6162i	−0.0542+0.2253i	−1.3732+0.3785i	−1.3316+1.8224i	0.3356−0.2208i	−0.0732+0.0954i	0.5058+0.0767i	0.4543+0.8002i
50.9	−1.8010+1.6787i	−0.0106+0.2176i	−1.5078+0.2017i	−1.3310+1.8988i	0.3798−0.2110i	0.1178+0.6037i	0.5316+0.0632i	0.3395+0.6682i
51.0	−1.8381+1.7057i	−0.0203+0.1402i	−1.5413+0.2985i	−1.3225+1.9065i	0.3734−0.2686i	0.3056+0.6561i	0.6088+0.0010i	0.3481+0.6296i
51.1	−1.7787+1.8132i	−0.0787+0.1306i	−1.5363−0.0114i	−1.2624+1.9757i	0.3512−0.2685i	0.5795+1.3075i	0.5810−0.0582i	0.2326+0.5030i
51.2	−1.7264+1.9164i	−0.1174+0.1691i	−1.8116−0.1365i	−1.1966+2.0783i	0.3727−0.2955i	1.3023+1.3651i	0.5324−0.0510i	0.0673+0.5950i
51.3	−1.7178+1.9418i	−0.0956+0.1989i	−1.9412−0.0186i	−1.1505+2.0979i	0.3708−0.3508i	1.5126+1.0022i	0.5059−0.0382i	0.0491+0.7564i
51.4	−1.7194+2.0508i	−0.0765+0.1970i	−1.8713+0.0366i	−1.0779+2.1550i	0.3378−0.4204i	1.2639+0.9167i	0.5705−0.0740i	0.2065+0.7749i
51.5	−1.6466+2.2002i	−0.1127+0.1572i	−1.7741−0.2836i	−0.9869+2.2377i	0.2962−0.4225i	1.2423+1.7357i	0.6197−0.1938i	0.1896+0.4181i
51.6	−1.5810+2.2286i	−0.1653+0.1681i	−2.1108−0.5257i	−0.9428+2.2431i	0.3056−0.4250i	2.1019+1.9848i	0.5556−0.1596i	−0.0085+0.4868i
51.7	−1.5252+2.2855i	−0.1854+0.2415i	−2.5735−0.3665i	−0.8448+2.3058i	0.2853−0.4939i	2.9948+1.3577i	0.5941−0.0974i	0.0492+0.8330i
51.8	−1.4753+2.3255i	−0.1527+0.2535i	−2.5553−0.2795i	−0.7736+2.3040i	0.2391−0.5268i	2.8236+1.0789i	0.5825−0.1233i	0.1204+0.8762i
51.9	−1.3640+2.4328i	−0.1550+0.2276i	−2.6882−0.4473i	−0.6550+2.3592i	0.1664−0.5226i	2.9545+1.3751i	0.5231−0.1612i	0.0796+0.7689i
52.0	−1.2363+2.5529i	−0.1570+0.2200i	−2.9695−0.5213i	−0.4784+2.4544i	0.0975−0.5037i	3.3508+1.7152i	0.5011−0.2373i	−0.0861+0.6572i
52.1	−1.1970+2.6130i	−0.2393+0.2448i	−3.1896−0.5238i	−0.3940+2.4658i	0.0812−0.5260i	4.0955+1.5628i	0.4466−0.3060i	−0.2609+0.7311i
52.2	−1.1378+2.6946i	−0.2204+0.3259i	−3.5809−0.5458i	−0.2974+2.4980i	0.0554−0.5365i	4.4817+1.1905i	0.3843−0.2598i	−0.2307+1.0192i
52.3	−1.0300+2.7511i	−0.1651+0.3571i	−3.9244−0.0227i	−0.1462+2.4491i	−0.0435−0.5640i	4.6469+0.3670i	0.4186−0.1874i	0.0166+1.2025i
52.4	−0.9375+2.8148i	−0.1501+0.3508i	−3.7138+0.3127i	−0.0633+2.4064i	−0.1495−0.4925i	4.0602+0.2754i	0.5156−0.2546i	0.1711+0.8358i
52.5	−0.8357+2.8465i	−0.1460+0.4541i	−3.8974+0.1066i	0.0238+2.3967i	−0.1224−0.3984i	4.7298+0.7505i	0.5480−0.2915i	−0.1091+0.6450i
52.6	−0.7443+2.8574i	−0.0415+0.4469i	−4.2585+0.2518i	0.1261+2.3609i	−0.0802−0.3836i	5.5639+0.4500i	0.4517−0.2785i	−0.1880+0.8806i
52.7	−0.6408+2.8435i	0.0678+0.2892i	−4.3378+0.6674i	0.2516+2.2315i	−0.1080−0.3840i	5.4437−0.2354i	0.4426−0.2969i	−0.1404+0.9231i
52.8	−0.5411+2.8720i	0.0159+0.2006i	−4.5911+0.8482i	0.3556+2.1312i	−0.1155−0.3832i	6.1051−0.4712i	0.3685−0.2738i	−0.3171+1.1463i
52.9	−0.5399+2.9356i	−0.0429+0.1789i	−4.7109+1.2263i	0.3351+2.0709i	−0.1434−0.4113i	6.1930−1.2470i	0.4015−0.2360i	−0.2310+1.3723i
53.0	−0.4060+3.0343i	−0.1504+0.1344i	−4.6999+1.5077i	0.3682+2.0336i	−0.2204−0.4064i	6.0982−1.5352i	0.3861−0.3254i	−0.1145+1.5134i
53.1	−0.2881+3.0292i	−0.2286+0.2594i	−4.8122+1.9733i	0.4090+1.9744i	−0.2752−0.3251i	6.4171−2.4148i	0.3735−0.3083i	0.0108+1.6634i
53.2	−0.1758+3.0758i	−0.1589+0.4039i	−4.6103+2.6257i	0.4511+1.9440i	−0.2250−0.2382i	6.1654−3.5810i	0.4287−0.2222i	0.2423+1.7013i
53.3	0.0006+3.1014i	−0.0701+0.3315i	−4.1052+2.8711i	0.5154+1.8961i	−0.2044−0.2270i	5.3331−3.7743i	0.4460−0.2642i	0.4159+1.5188i
53.4	0.0765+2.9804i	−0.0904+0.2082i	−3.6533+2.6119i	0.4840+1.8136i	−0.1733−0.1928i	4.8435−3.1444i	0.2971−0.3669i	0.3800+1.3600i
53.5	0.1185+3.0680i	−0.2293+0.1934i	−3.9656+2.4966i	0.5229+1.8646i	−0.1679−0.2685i	5.6724−3.3085i	0.1321−0.3358i	0.0745+1.5397i
53.6	0.2880+3.1074i	−0.3400+0.2892i	−4.2253+2.8022i	0.6364+1.8509i	−0.2635−0.2394i	6.1050−3.9055i	0.0478−0.2298i	0.1327+1.7899i
53.7	0.3643+3.1004i	−0.3174+0.3787i	−3.9591+3.2330i	0.6812+1.7218i	−0.2153−0.1632i	5.8386−4.7929i	0.0115−0.2096i	0.3808+2.0686i
53.8	0.4121+3.0837i	−0.3220+0.3851i	−3.6618+3.1187i	0.6315+1.7060i	−0.1537−0.1516i	5.5770−4.6526i	−0.0658−0.1751i	0.4405+1.9607i
53.9	0.4448+3.1632i	−0.3842+0.4825i	−3.8513+3.3081i	0.6680+1.7428i	−0.1232−0.1614i	6.0866−5.6994i	−0.2086+0.0645i	0.4998+2.2758i
54.0	0.6610+3.3139i	−0.3162+0.6564i	−3.4736+3.7036i	0.7426+1.7461i	−0.1169−0.1636i	5.0139−6.9033i	−0.1453+0.1796i	0.9042+2.4111i
54.1	0.9346+3.2531i	−0.1016+0.7286i	−3.1786+3.5005i	0.8522+1.7091i	−0.1206−0.1990i	4.0047−6.7821i	−0.1179+0.1675i	0.9956+2.2852i
54.2	1.1065+3.1146i	0.0928+0.4188i	−3.7380+3.6135i	1.0114+1.5920i	−0.2031−0.2487i	4.4008−6.3100i	−0.0426+0.3362i	0.8027+2.3033i
54.3	1.0951+3.0734i	−0.1238+0.3203i	−3.7812+4.2392i	0.9986+1.4253i	−0.2136−0.1965i	4.8808−7.5028i	−0.0427+0.7277i	1.1379+2.6409i
54.4	1.3048+3.1614i	−0.1921+0.4365i	−3.0649+4.8798i	0.9612+1.3556i	−0.2179−0.1560i	3.3276−8.9277i	0.3023+0.9191i	1.7646+2.6863i
54.5	1.5612+3.1993i	−0.1753+0.5062i	−2.4226+5.0969i	0.9771+1.3267i	−0.2370−0.1446i	1.9890−9.3254i	0.5027+0.9744i	2.2464+2.4823i
54.6	1.8122+3.0188i	−0.1283+0.5238i	−1.7871+4.9138i	1.0132+1.2420i	−0.2577−0.1108i	0.6591−8.9076i	0.6382+0.9095i	2.5180+2.2097i
54.7	1.9293+2.8059i	−0.0864+0.4879i	−1.3691+4.4926i	0.9861+1.1810i	−0.2495−0.0718i	−0.1960−7.9226i	0.7186+0.7958i	2.6309+1.8148i
54.8	1.8379+2.5816i	−0.1684+0.3748i	−1.5338+3.9844i	0.9307+1.1100i	−0.2038+0.0102i	0.4625−6.9698i	0.6380+0.6552i	2.1997+1.7245i
54.9	1.9250+2.6241i	−0.2677+0.4494i	−1.5906+4.2646i	0.9306+1.0769i	−0.1490+0.0181i	0.3760−7.8333i	0.8598+0.8496i	2.3380+1.9338i
55.0	2.1159+2.5395i	−0.2665+0.5321i	−1.2517+4.3348i	0.9486+1.0253i	−0.1081−0.0009i	−0.5441−7.9075i	1.1554+0.8727i	2.7377+1.7878i
55.1	2.2807+2.3720i	−0.2474+0.5941i	−0.9070+4.1770i	0.9804+0.9753i	−0.0949−0.0278i	−1.2574−7.5270i	1.3831+0.8106i	2.8711+1.5663i
55.2	2.2676+2.2285i	−0.2407+0.6287i	−0.7022+3.8712i	0.9040+0.9433i	−0.0721−0.0368i	−1.7004−6.8821i	1.5359+0.7429i	2.9333+1.3410i
55.3	2.3520+2.0514i	−0.1935+0.6886i	−0.4635+3.6667i	0.9213+0.8988i	−0.0735−0.0649i	−2.1656−6.4460i	1.6117+0.6054i	3.0658+1.1927i
55.4	2.2834+1.9292i	−0.1252+0.6763i	−0.5453+3.2201i	0.8975+0.8749i	−0.0836−0.0732i	−1.9141−5.5221i	1.4846+0.5093i	2.8564+0.9401i
55.5	2.2733+1.9368i	−0.1521+0.6371i	−0.9183+3.2327i	0.8930+0.8250i	−0.0847−0.0842i	−1.2126−5.7072i	1.6441+0.6383i	2.7685+0.9796i
55.6	2.4850+1.8880i	−0.2165+0.7086i	−0.8074+3.5948i	0.9239+0.7831i	−0.0775−0.1093i	−1.6482−6.5373i	1.8871+0.6024i	3.1225+1.1283i
55.7	2.5743+1.7368i	−0.1720+0.7761i	−0.4609+3.5537i	0.9189+0.7712i	−0.1080−0.1004i	−2.4743−6.4075i	2.1417+0.3879i	3.3452+0.9288i
55.8	2.6181+1.5640i	−0.1261+0.8251i	−0.2502+3.3679i	0.9193+0.7297i	−0.1370−0.1134i	−2.9867−6.0076i	2.1388+0.1509i	3.3995+0.6949i
55.9	2.5753+1.4492i	−0.0703+0.8173i	−0.2174+3.1459i	0.9042+0.6872i	−0.1491−0.0899i	−3.1168−5.4915i	2.0740−0.0170i	3.3550+0.5374i
56.0	2.4843+1.4116i	−0.0893+0.7485i	−0.2986+2.8247i	0.8734+0.6107i	−0.1217−0.0516i	−2.9841−4.9310i	2.0986−0.0812i	3.2505+0.4572i

56.1	2.5488+1.4696i	-0.1906+0.7908i	-0.5513+2.7680i	0.8445+0.5783i	-0.0823-0.0976i	-2.4628-5.0956i	2.2617+0.1641i	3.2545+0.5387i
56.2	2.7183+1.2446i	-0.0983+0.9119i	-0.4428+2.8689i	0.8550+0.5315i	-0.1513-0.1204i	-2.9563-5.2478i	2.5419+0.0996i	3.5805+0.4171i
56.3	2.7602+1.1128i	-0.0062+0.9475i	-0.3670+2.8069i	0.8286+0.4854i	-0.2095-0.0708i	-3.4528-5.0231i	2.7690-0.3503i	3.6580+0.2365i
56.4	2.7505+1.0608i	0.0346+0.9624i	-0.4170+2.7321i	0.7713+0.4930i	-0.2132-0.0637i	-3.5355-4.6876i	2.9050-0.5953i	3.7301-0.0589i
56.5	2.6750+0.9605i	0.0657+0.9052i	-0.4357+2.6017i	0.7029+0.4433i	-0.1985+0.0333i	-3.5945-4.4005i	2.8508-0.5238i	3.8565-0.1267i
56.6	2.6689+0.8454i	0.0716+0.9078i	-0.4078+2.5624i	0.6469+0.4007i	-0.1307+0.0662i	-3.7260-4.2041i	2.9993-0.7116i	3.8660-0.4271i
56.7	2.7203+0.6836i	0.1158+0.9432i	-0.3715+2.5525i	0.6052+0.3602i	-0.1095+0.0415i	-4.0414-4.0302i	3.1856-0.9755i	4.0757-0.7218i
56.8	2.7095+0.6105i	0.1409+0.9461i	-0.4229+2.5048i	0.5526+0.3742i	-0.0998+0.0388i	-4.1151-3.7884i	3.2659-1.1941i	4.1553-0.8091i
56.9	2.6861+0.5257i	0.1737+0.9358i	-0.4204+2.4605i	0.5072+0.4052i	-0.0853+0.0705i	-4.1915-3.4170i	3.0840-1.5397i	4.1031-1.0323i
57.0	2.6389+0.4481i	0.1793+0.8966i	-0.4169+2.3791i	0.4686+0.4155i	-0.0601+0.1069i	-4.2277-3.1402i	2.8745-1.7442i	4.0191-1.1656i
57.1	2.5473+0.4106i	0.1339+0.8331i	-0.4512+2.2810i	0.4123+0.4224i	0.0037+0.1242i	-4.1678-2.8419i	2.8893-1.9080i	3.9758-1.3321i
57.2	2.6069+0.5564i	0.0016+0.9131i	-0.6956+2.2598i	0.3567+0.4979i	0.0495+0.0732i	-3.7276-2.8609i	3.0344-1.7725i	3.9595-1.2537i
57.3	2.8336+0.5378i	0.0033+1.1032i	-0.8092+2.4389i	0.3554+0.5671i	0.0233+0.0383i	-3.7867-3.2299i	3.2360-1.7864i	4.2750-1.1858i
57.4	2.8702+0.3306i	0.1198+1.1677i	-0.6831+2.4723i	0.3930+0.5720i	0.0183+0.0600i	-4.1768-3.0751i	3.3812-2.2563i	4.5568-1.5972i
57.5	2.8578+0.1721i	0.2097+1.1853i	-0.6165+2.4743i	0.3763+0.6076i	0.0753+0.0651i	-4.4817-2.7057i	3.5379-2.8520i	4.7078-2.1764i
57.6	2.9254+0.0311i	0.3013+1.1889i	-0.5766+2.4504i	0.4064+0.6573i	0.1111+0.1082i	-4.7295-2.3335i	3.4906-3.2947i	4.8188-2.4845i
57.7	2.8881-0.1296i	0.3593+1.1720i	-0.5093+2.3719i	0.4445+0.6501i	0.1591+0.1253i	-4.8167-1.8550i	3.2260-3.5494i	4.6743-2.9916i
57.8	2.8418-0.2304i	0.3889+1.2116i	-0.5043+2.3236i	0.4539+0.6460i	0.1866+0.1018i	-4.9359-1.5466i	3.0867-4.0133i	4.5203-3.5525i
57.9	2.8202-0.2525i	0.3861+1.1999i	-0.6349+2.2563i	0.5008+0.6592i	0.2268+0.0402i	-4.6514-1.2341i	2.8936-4.2495i	4.1935-3.6473i
58.0	2.7253-0.4284i	0.4503+1.2574i	-0.4805+2.3116i	0.4369+0.6628i	0.3417-0.0395i	-4.6890-0.6930i	2.5307-4.9013i	3.9073-4.4493i
58.1	2.7350-0.5579i	0.5409+1.2583i	-0.4770+2.2140i	0.4972+0.6407i	0.3788-0.0772i	-4.5416-0.4276i	2.3432-4.9074i	3.8710-4.7283i
58.2	2.6679-0.6276i	0.5863+1.1596i	-0.6692+2.1482i	0.5212+0.6084i	0.4015-0.1645i	-4.0128-0.1272i	2.0841-4.9165i	3.5068-4.8389i
58.3	2.6707-0.7198i	0.5382+1.2496i	-0.6332+2.2890i	0.4870+0.6037i	0.3638-0.2097i	-4.0759-0.1932i	1.8377-5.2404i	3.4572-4.9754i
58.4	2.6161-0.7627i	0.6131+1.3727i	-0.4674+2.1676i	0.4560+0.6170i	0.3552-0.2244i	-4.3883+0.1559i	1.3812-5.5613i	3.1745-5.4351i
58.5	2.5353-0.8028i	0.6925+1.3786i	-0.5646+2.0208i	0.4663+0.6044i	0.3732-0.2940i	-3.9272+0.6796i	0.9538-5.7091i	2.5858-5.7928i
58.6	2.5317-1.0070i	0.8862+1.4185i	-0.5860+2.0969i	0.4406+0.5969i	0.3237-0.3790i	-3.6711+0.8032i	0.3133-6.0513i	1.9832-6.1496i
58.7	2.5242-1.1608i	1.0257+1.4181i	-0.6218+2.2030i	0.4445+0.5804i	0.3035-0.4338i	-3.7005+0.6242i	0.2591-6.4012i	2.0067-6.6639i
58.8	2.4498-1.2920i	1.1532+1.3641i	-0.6563+2.2461i	0.4519+0.6130i	0.2902-0.5068i	-3.4833+0.9078i	-0.2312-6.5757i	1.4330-6.9772i
58.9	2.3047-1.3181i	1.2746+1.3219i	-0.6866+2.1097i	0.4233+0.6508i	0.2438-0.5342i	-3.1837+1.3353i	-0.8754-6.4207i	0.8167-6.8966i
59.0	2.2218-1.3765i	1.3569+1.2763i	-0.7070+2.1425i	0.4222+0.6859i	0.1853-0.5895i	-2.9321+1.3190i	-1.4117-6.3992i	0.2231-6.8828i
59.1	2.1946-1.4262i	1.4681+1.2136i	-0.7856+2.1748i	0.4147+0.7265i	0.1373-0.6400i	-2.7152+1.4290i	-2.0343-6.4989i	-0.3661-7.1004i
59.2	2.0893-1.5203i	1.5616+1.0985i	-0.7960+2.2076i	0.4398+0.7627i	0.0905-0.6575i	-2.4728+1.5676i	-2.5445-6.3013i	-0.9448-7.0984i
59.3	2.0032-1.5971i	1.6304+0.9952i	-0.7689+2.2459i	0.4789+0.7691i	0.0195-0.6557i	-2.2680+1.5860i	-3.0449-6.1992i	-1.6066-7.1456i
59.4	1.9011-1.6532i	1.7014+0.8709i	-0.7689+2.2826i	0.5111+0.7921i	-0.0713-0.6358i	-1.9751+1.5395i	-3.6079-5.5867i	-2.2006-6.6607i
59.5	1.8262-1.6727i	1.7463+0.7819i	-0.7284+2.2911i	0.5531+0.8149i	-0.1360-0.6288i	-1.7737+1.5135i	-4.1602-5.2822i	-2.9396-6.2720i
59.6	1.6958-1.7459i	1.8217+0.6728i	-0.6696+2.3349i	0.6096+0.8262i	-0.2048-0.5961i	-1.6080+1.5397i	-4.7973-4.7478i	-3.6112-5.7957i
59.7	1.5883-1.7809i	1.8742+0.5497i	-0.6218+2.3518i	0.6615+0.8379i	-0.2574-0.5677i	-1.3911+1.5482i	-5.2093-4.2806i	-4.1987-5.2880i
59.8	1.5043-1.7585i	1.8852+0.4021i	-0.6921+2.3269i	0.7161+0.8577i	-0.2727-0.5595i	-0.9289+1.5460i	-5.1414-3.8190i	-4.3332-4.7855i
59.9	1.4700-1.7870i	1.9634+0.3096i	-0.7272+2.3073i	0.7650+0.8791i	-0.2723-0.5163i	-0.7986+1.5690i	-5.1816-3.3709i	-4.5579-4.3032i
60.0	1.4015-1.8612i	2.0144+0.1735i	-0.6699+2.3692i	0.8343+0.8845i	-0.3027-0.5190i	-0.7252+1.4953i	-5.4651-2.8461i	-5.0412-3.8335i
60.1	1.3508-1.8710i	2.0077+0.0766i	-0.6747+2.3995i	0.8730+0.8457i	-0.2925-0.4866i	-0.6573+1.2918i	-5.4519-2.3737i	-5.0833-3.3462i
60.2	1.2911-1.8385i	1.9454-0.0222i	-0.6959+2.3448i	0.8988+0.8228i	-0.2796-0.4653i	-0.4854+1.2330i	-5.3631-2.1360i	-5.1204-2.8882i
60.3	1.1769-1.8780i	1.8800-0.1861i	-0.6440+2.3428i	0.9624+0.7449i	-0.2901-0.4620i	-0.3125+1.1225i	-5.2176-1.7441i	-4.9707-2.4621i
60.4	1.1050-1.8800i	1.8293-0.3336i	-0.6611+2.3519i	1.0405+0.6885i	-0.2677-0.4791i	-0.0616+0.9987i	-4.8229-1.4325i	-4.6402-2.1771i
60.5	1.0603-1.8837i	1.8191-0.3029i	-0.6900+2.3410i	1.0735+0.6866i	-0.2668-0.4542i	-0.0584+0.9274i	-4.7545-1.2381i	-4.6445-1.8189i
60.6	0.9516-1.8971i	1.7797-0.3623i	-0.6829+2.3907i	1.1040+0.6213i	-0.2783-0.4448i	-0.0117+0.7585i	-4.9028-0.9863i	-4.7825-1.4192i
60.7	0.8877-1.8279i	1.7174-0.3689i	-0.7457+2.3916i	1.0707+0.5691i	-0.2615-0.4598i	0.0655+0.5018i	-4.5544-0.8266i	-4.3101-1.1103i
60.8	0.8399-1.8012i	1.7546-0.4572i	-0.7998+2.4138i	1.0820+0.5224i	-0.2299-0.4890i	0.1756+0.4461i	-4.3482-0.5935i	-3.9553-0.8260i
60.9	0.7832-1.7662i	1.8205-0.6487i	-0.6838+2.4739i	1.1267+0.4619i	-0.2740-0.5564i	0.1723+0.3284i	-4.4018-0.3880i	-4.1244-0.5627i
61.0	0.7787-1.7891i	1.8565-0.7724i	-0.6892+2.5396i	1.1511+0.4285i	-0.3000-0.5792i	0.1458+0.1847i	-4.4031-0.2203i	-4.0201-0.4680i
61.1	0.7858-1.8046i	1.8400-0.9648i	-0.7086+2.5981i	1.1953+0.3781i	-0.3549-0.6446i	0.2692+0.0462i	-4.3201-0.0947i	-3.7876-0.4672i
61.2	0.6977-1.8268i	1.7350-1.1692i	-0.6250+2.6191i	1.2205+0.3163i	-0.4103-0.6628i	0.2386+0.0087i	-4.2613+0.2094i	-3.5828-0.0681i
61.3	0.6387-1.7966i	1.6296-1.2618i	-0.5978+2.5861i	1.2015+0.2793i	-0.4245-0.6305i	0.2109+0.0314i	-4.1769+0.4784i	-3.6588+0.4223i
61.4	0.6326-1.7915i	1.5386-1.2991i	-0.6861+2.5491i	1.1756+0.2780i	-0.4367-0.6131i	0.1646-0.0076i	-4.3158+0.5972i	-3.5974+0.7277i
61.5	0.6299-1.8100i	1.4445-1.3964i	-0.7217+2.6517i	1.1887+0.2056i	-0.4668-0.6535i	0.1794-0.2413i	-3.7921+0.6851i	-2.9184+0.4363i
61.6	0.5868-1.7896i	1.3005-1.5089i	-0.6845+2.6947i	1.1861+0.1498i	-0.5116-0.7008i	0.2662-0.3259i	-3.5017+0.7239i	-2.6200+0.4196i
61.7	0.5029-1.8296i	1.1677-1.6544i	-0.6170+2.7403i	1.1916+0.0964i	-0.5629-0.7051i	0.2619-0.3445i	-3.5623+0.8909i	-2.6067+0.7285i
61.8	0.4385-1.8424i	1.0528-1.7722i	-0.5779+2.7625i	1.2037+0.0528i	-0.6139-0.6766i	0.2136-0.4365i	-3.5041+1.0833i	-2.5748+0.8482i
61.9	0.3575-1.8592i	0.8640-1.8417i	-0.4617+2.8262i	1.1720-0.0107i	-0.7046-0.6856i	0.1142-0.5390i	-3.4471+1.1351i	-2.6017+0.6859i
62.0	0.2790-1.8363i	0.7043-1.9252i	-0.3942+2.8146i	1.1473-0.0704i	-0.7736-0.6857i	0.1081-0.5326i	-3.4037+1.2722i	-2.6092+0.9447i
62.1	0.2470-1.8279i	0.5119-1.9802i	-0.3664+2.8360i	1.1243-0.0865i	-0.8955-0.7070i	0.1282-0.6434i	-3.3870+1.2147i	-2.6078+1.0197i
62.2	0.2043-1.8253i	0.3587-2.0196i	-0.3667+2.8773i	1.1260-0.1152i	-0.9619-0.6845i	0.1030-0.6924i	-3.2251+1.4261i	-2.3365+1.0454i
62.3	0.1344-1.8282i	0.1895-2.0241i	-0.3244+2.9071i	1.0949-0.1861i	-0.9802-0.6089i	-0.0086-0.7067i	-3.0285+1.6849i	-1.9555+1.0987i

62.4	0.0518-1.7665i	-0.0867-1.9313i	-0.2072+2.8875i	1.0416-0.2348i	-1.0871-0.5535i	-0.0448-0.7150i	-2.8871+1.7363i	-1.9003+1.2510i
62.5	0.0068-1.7491i	-0.2489-1.8902i	-0.1304+2.8661i	1.0181-0.2753i	-1.1731-0.4574i	-0.1541-0.7693i	-2.8052+1.8677i	-1.8179+1.3368i
62.6	-0.0307-1.7341i	-0.3863-1.9375i	-0.1293+2.8949i	0.9818-0.3104i	-1.2365-0.4381i	-0.1423-0.8144i	-2.6151+1.9604i	-1.7438+1.4219i
62.7	-0.0370-1.6651i	-0.6110-1.7852i	-0.0904+2.8850i	0.9128-0.3150i	-1.3000-0.3673i	-0.1724-0.9681i	-2.4200+1.8795i	-1.5361+1.2779i
62.8	-0.0816-1.6442i	-0.7468-1.7057i	-0.0112+2.8805i	0.8660-0.3404i	-1.3523-0.3222i	-0.2565-0.9229i	-2.2875+1.8922i	-1.4531+1.1153i
62.9	-0.1719-1.6377i	-0.9925-1.6504i	0.1049+2.8665i	0.8107-0.4005i	-1.4613-0.2185i	-0.3519-0.8416i	-2.1549+1.9944i	-1.3405+1.2567i
63.0	-0.1994-1.6209i	-1.1085-1.4444i	0.1410+2.7685i	0.7484-0.3971i	-1.4529-0.1002i	-0.4880-0.7045i	-2.0446+2.0031i	-1.3495+1.3627i
63.1	-0.2069-1.5828i	-1.2618-1.3971i	0.1167+2.8352i	0.7155-0.3775i	-1.5664-0.0730i	-0.3293-0.7656i	-2.0125+2.1263i	-1.0671+1.4281i
63.2	-0.1935-1.5637i	-1.3466-1.1915i	0.1404+2.8293i	0.6953-0.3567i	-1.5658+0.0743i	-0.4705-0.8641i	-1.9672+2.0355i	-0.9010+1.3600i
63.3	-0.2134-1.4981i	-1.5043-0.9609i	0.1964+2.8255i	0.6584-0.3389i	-1.5735+0.2582i	-0.4886-0.9828i	-1.6861+2.0100i	-0.6485+1.3113i
63.4	-0.2740-1.4940i	-1.6147-0.7614i	0.2791+2.8739i	0.6234-0.3364i	-1.6111+0.3798i	-0.5100-0.9569i	-1.5882+2.1378i	-0.5623+1.1970i
63.5	-0.2552-1.5081i	-1.7304-0.6013i	0.3084+2.8838i	0.6007-0.3333i	-1.6740+0.4846i	-0.5556-0.9696i	-1.6107+2.2076i	-0.4900+1.2071i
63.6	-0.2646-1.5055i	-1.6580-0.3707i	0.3991+2.8010i	0.6016-0.3331i	-1.6011+0.6388i	-0.7565-0.9227i	-1.5512+2.1902i	-0.4499+1.1184i
63.7	-0.2759-1.4568i	-1.5270-0.1268i	0.3966+2.7334i	0.5994-0.2978i	-1.4629+0.7819i	-0.8554-0.9019i	-1.3681+2.2184i	-0.1623+0.8348i
63.8	-0.3359-1.4093i	-1.5451-0.0021i	0.4029+2.6583i	0.5498-0.2827i	-1.4379+0.8524i	-0.7502-0.7485i	-1.2302+2.1879i	-0.1627+0.8734i
63.9	-0.3469-1.3939i	-1.4862+0.0606i	0.4264+2.6287i	0.5503-0.2849i	-1.4092+0.9070i	-0.7414-0.6837i	-1.2159+2.1487i	-0.1567+0.9278i
64.0	-0.3663-1.3630i	-1.3579+0.2970i	0.4872+2.5752i	0.5576-0.2726i	-1.2586+1.0779i	-0.8301-0.6354i	-1.1154+2.1263i	-0.1180+0.8637i
64.1	-0.3057-1.3640i	-1.3404+0.5151i	0.5703+2.5527i	0.5587-0.2455i	-1.2046+1.2384i	-0.9635-0.7883i	-1.0073+2.0435i	-0.2622+0.7081i
64.2	-0.2671-1.3139i	-1.3055+0.7085i	0.6159+2.5256i	0.5464-0.2278i	-1.1069+1.3648i	-0.9417-0.8273i	-0.6707+1.9935i	-0.1789+0.4387i
64.3	-0.2873-1.3419i	-1.2889+0.8384i	0.5540+2.5134i	0.5266-0.1844i	-1.0778+1.4494i	-0.8518-0.7524i	-0.6842+1.9544i	-0.0378+0.4700i
64.4	-0.2963-1.3852i	-1.0869+0.9672i	0.5333+2.4877i	0.5566-0.1579i	-0.9211+1.5090i	-0.9183-0.6977i	-0.7281+2.0065i	0.0206+0.4443i
64.5	-0.2925-1.4107i	-0.8481+1.1428i	0.6637+2.5117i	0.6302-0.1471i	-0.6954+1.6504i	-1.1466-0.8322i	-0.7062+1.9791i	-0.0754+0.2358i
64.6	-0.3032-1.4324i	-0.7142+1.1606i	0.6503+2.4925i	0.6485-0.1366i	-0.5773+1.6715i	-1.1164-0.7181i	-0.6305+1.9469i	-0.1316+0.2780i
64.7	-0.3046-1.4343i	-0.6382+1.1031i	0.6475+2.4624i	0.6502-0.1406i	-0.4889+1.6027i	-1.0688-0.6335i	-0.4515+1.8449i	-0.0854+0.1149i
64.8	-0.3354-1.4378i	-0.5072+1.1570i	0.6558+2.4509i	0.6823-0.1275i	-0.3666+1.5974i	-1.0182-0.6316i	-0.4086+1.7876i	-0.0968-0.0074i
64.9	-0.3919-1.4953i	-0.2682+1.1141i	0.7088+2.3161i	0.6915-0.1898i	-0.1533+1.5015i	-1.2142-0.3700i	-0.3527+1.8133i	-0.2774-0.0203i
65.0	-0.4416-1.4990i	-0.1597+1.0890i	0.7179+2.2839i	0.7046-0.2146i	-0.0354+1.4613i	-1.1706-0.3085i	-0.2352+1.7991i	-0.2868-0.0035i
65.1	-0.5139-1.4667i	-0.1135+1.0478i	0.7085+2.2653i	0.6846-0.2207i	0.0070+1.4086i	-1.0010-0.2658i	-0.1693+1.7227i	-0.2726+0.0568i
65.2	-0.5391-1.4705i	-0.0003+1.0500i	0.7662+2.3110i	0.7565-0.2451i	0.1391+1.4030i	-1.0485-0.3370i	-0.0928+1.7110i	-0.2052-0.1566i
65.3	-0.5510-1.4545i	0.1623+0.9913i	0.7583+2.2712i	0.8204-0.2675i	0.2571+1.3433i	-1.0752-0.3789i	-0.1313+1.5462i	-0.3399-0.1100i
65.4	-0.6244-1.4401i	0.2392+0.8702i	0.7587+2.0961i	0.7871-0.3420i	0.3369+1.1997i	-1.0726-0.1301i	-0.0748+1.4302i	-0.4592-0.0341i
65.5	-0.6705-1.4264i	0.3012+0.8401i	0.8461+2.1349i	0.8105-0.3735i	0.3972+1.1726i	-1.0541-0.2227i	-0.0541+1.3556i	-0.5894-0.0309i
65.6	-0.7258-1.4248i	0.2812+0.7775i	0.8786+2.0970i	0.7766-0.4264i	0.3967+1.0918i	-1.0024-0.1707i	0.0387+1.3155i	-0.6341-0.0727i
65.7	-0.7693-1.3951i	0.2566+0.7658i	0.8485+2.1022i	0.7496-0.4476i	0.3904+1.0503i	-0.9100-0.1775i	0.1128+1.2674i	-0.5869-0.1223i
65.8	-0.8464-1.3761i	0.2681+0.7235i	0.8080+2.0190i	0.7254-0.4860i	0.4242+1.0023i	-0.8470-0.0640i	0.0638+1.2069i	-0.6069-0.0252i
65.9	-0.9099-1.3832i	0.2742+0.6333i	0.8339+1.8941i	0.6929-0.5676i	0.4288+0.9319i	-0.9144+0.1579i	0.0948+1.1309i	-0.7346+0.0825i
66.0	-0.9495-1.3650i	0.3572+0.5656i	0.9107+1.8118i	0.7198-0.6817i	0.5189+0.8364i	-1.0737+0.1888i	0.0195+1.1572i	-0.8170+0.1301i
66.1	-1.0042-1.3008i	0.3666+0.5652i	0.8638+1.8384i	0.7068-0.6894i	0.5350+0.8022i	-0.9107+0.1272i	0.0216+1.2307i	-0.7093+0.0017i
66.2	-1.0288-1.2685i	0.3775+0.4965i	0.8950+1.6759i	0.6410-0.7708i	0.5279+0.7244i	-1.0001+0.2867i	0.1617+1.1177i	-0.9502-0.0038i
66.3	-1.0100-1.2186i	0.3428+0.4730i	0.9524+1.7094i	0.6589-0.8341i	0.4963+0.7121i	-0.9915+0.2070i	0.0823+1.1685i	-0.8460+0.0601i
66.4	-1.0445-1.1038i	0.2917+0.4735i	0.8748+1.7556i	0.6011-0.7961i	0.4491+0.6952i	-0.7360+0.1326i	-0.0124+1.1256i	-0.6981+0.1226i
66.5	-1.1499-1.0702i	0.2886+0.4859i	0.7926+1.6092i	0.4652-0.8278i	0.4465+0.6765i	-0.5619+0.3689i	0.0854+0.9767i	-0.8840+0.1502i
66.6	-1.1689-1.1019i	0.2642+0.5135i	0.7531+1.4818i	0.3889-0.9055i	0.4945+0.6971i	-0.5911+0.5457i	0.1546+0.9292i	-0.8843+0.2349i
66.7	-1.1045-0.9480i	0.2969+0.4820i	0.8366+1.5651i	0.4217-0.8962i	0.5287+0.6796i	-0.5898+0.1606i	0.0022+1.0193i	-0.7361+0.3530i
66.8	-1.0750-0.9037i	0.2886+0.4565i	0.8157+1.5266i	0.4130-0.9052i	0.5130+0.6528i	-0.6234+0.1560i	-0.0532+1.0397i	-0.7156+0.4190i
66.9	-1.0389-0.9069i	0.2937+0.4544i	0.7615+1.3546i	0.3300-0.9297i	0.5285+0.6292i	-0.6951+0.2829i	-0.0304+0.9665i	-0.7956+0.4801i
67.0	-1.1143-0.9179i	0.3227+0.5099i	0.6792+1.2211i	0.1984-0.9666i	0.5714+0.5986i	-0.5937+0.4885i	0.1024+0.7862i	-0.8362+0.4092i
67.1	-1.1312-0.8566i	0.3412+0.5203i	0.6044+1.1874i	0.1229-0.9703i	0.6089+0.5628i	-0.4141+0.4982i	0.0700+0.8662i	-0.6611+0.3495i
67.2	-1.0921-0.7973i	0.3924+0.4878i	0.5071+1.2257i	0.0995-0.9224i	0.6618+0.5208i	-0.3260+0.3835i	0.0516+0.9729i	-0.5677+0.3883i
67.3	-1.1358-0.8086i	0.4412+0.4820i	0.4852+1.0580i	0.0150-0.9681i	0.7247+0.4796i	-0.3708+0.6170i	0.2079+0.9524i	-0.5879+0.4963i
67.4	-1.0997-0.7323i	0.4522+0.4511i	0.4986+1.1216i	-0.0092-0.9277i	0.6997+0.4229i	-0.3564+0.4798i	0.1621+0.9232i	-0.6454+0.4931i
67.5	-1.0633-0.6916i	0.4758+0.4443i	0.4411+1.1705i	-0.0304-0.8696i	0.6871+0.3987i	-0.2732+0.3391i	0.2311+0.8379i	-0.7072+0.4542i
67.6	-1.0875-0.7066i	0.4965+0.4355i	0.3127+1.0622i	-0.1294-0.8791i	0.6988+0.3388i	-0.1627+0.4980i	0.4258+0.7526i	-0.7362+0.2957i
67.7	-1.0611-0.7051i	0.4805+0.3957i	0.3062+0.9517i	-0.1649-0.9003i	0.6846+0.2960i	-0.1917+0.6512i	0.4063+0.7939i	-0.6073+0.3588i
67.8	-1.0271-0.6959i	0.4796+0.3642i	0.2616+0.9419i	-0.1867-0.8944i	0.6854+0.2436i	-0.1747+0.6028i	0.3159+0.8383i	-0.4957+0.3949i
67.9	-1.0572-0.7074i	0.4795+0.3648i	0.1189+0.9254i	-0.2698-0.8762i	0.6993+0.2126i	-0.0070+0.6839i	0.2791+0.8538i	-0.4320+0.4126i
68.0	-0.9810-0.6613i	0.4816+0.3457i	0.1629+1.0424i	-0.2434-0.8066i	0.6849+0.1899i	-0.0454+0.4243i	0.3869+0.8089i	-0.4002+0.2333i
68.1	-1.0443-0.6515i	0.4900+0.3001i	-0.0426+0.9789i	-0.3395-0.7964i	0.6721+0.1315i	0.1485+0.5751i	0.3126+0.6466i	-0.3558+0.3688i
68.2	-1.0465-0.6366i	0.4950+0.2736i	-0.0883+0.9816i	-0.3724-0.7747i	0.6512+0.1070i	0.2004+0.6332i	0.3343+0.4383i	-0.5409+0.4586i
68.3	-0.9968-0.6398i	0.4899+0.2441i	-0.0504+0.9247i	-0.3750-0.7556i	0.6264+0.0671i	0.1861+0.5920i	0.2298+0.3594i	-0.4831+0.5004i
68.4	-1.0570-0.6101i	0.5038+0.2160i	-0.2373+1.0106i	-0.4554-0.7051i	0.6144+0.0160i	0.3950+0.5345i	0.1703+0.2392i	-0.5627+0.4769i
68.5	-1.0461-0.5849i	0.4861+0.1947i	-0.3444+1.0464i	-0.4837-0.6644i	0.6010+0.0074i	0.4842+0.4781i	0.1585+0.2938i	-0.5212+0.4668i
68.6	-0.9803-0.5911i	0.4734+0.1540i	-0.2784+1.0148i	-0.4394-0.6665i	0.6009-0.0259i	0.3734+0.4540i	0.1188+0.3791i	-0.4586+0.5620i

68.7	−1.0175−0.6356i	0.4635+0.1521i	−0.3639+0.9382i	−0.5128−0.6660i	0.5844−0.0729i	0.5073+0.5857i	0.2157+0.4200i	−0.4725+0.4688i
68.8	−0.9914−0.6279i	0.4372+0.1397i	−0.3877+0.9160i	−0.5282−0.6483i	0.5508−0.0850i	0.5330+0.5649i	0.1008+0.5302i	−0.3774+0.4212i
68.9	−1.0347−0.6089i	0.4246+0.1031i	−0.6361+0.9965i	−0.6345−0.5965i	0.5184−0.1689i	0.8692+0.4589i	−0.0637+0.4341i	−0.3470+0.4803i
69.0	−1.1096−0.6495i	0.4232+0.0902i	−0.7945+1.0666i	−0.7167−0.5678i	0.4960−0.2146i	1.0660+0.4679i	0.0323+0.4390i	−0.4277+0.5076i
69.1	−1.1388−0.6564i	0.4045+0.0725i	−0.8432+1.0865i	−0.7503−0.5301i	0.4519−0.2367i	1.1410+0.4280i	0.0965+0.2684i	−0.5304+0.6058i
69.2	−1.1225−0.7075i	0.3683+0.0836i	−0.8581+1.1120i	−0.7465−0.4986i	0.4002−0.2319i	1.1173+0.3135i	0.0199+0.2356i	−0.5776+0.5890i
69.3	−1.1926−0.7421i	0.3373+0.0886i	−1.0461+1.1443i	−0.8206−0.4552i	0.3481−0.2548i	1.2828+0.2455i	−0.0731+0.2736i	−0.4828+0.5535i
69.4	−1.2914−0.6591i	0.3241+0.0832i	−1.0842+1.2692i	−0.8650−0.3436i	0.2608−0.2418i	1.4282+0.0235i	−0.0309+0.1311i	−0.4745+0.6593i
69.5	−1.3696−0.6284i	0.3034+0.1250i	−1.1514+1.3718i	−0.9200−0.2793i	0.1948−0.1968i	1.5434−0.0873i	0.0843+0.1324i	−0.5004+0.6125i
69.6	−1.4460−0.6088i	0.2936+0.1350i	−1.2341+1.4436i	−0.9279−0.2468i	0.1578−0.1772i	1.6010−0.1751i	−0.0247+0.0456i	−0.4424+0.6711i
69.7	−1.5063−0.5953i	0.2820+0.1346i	−1.3189+1.4554i	−0.9709−0.2203i	0.1335−0.1608i	1.6743−0.1795i	−0.2333+0.0068i	−0.3835+0.7197i
69.8	−1.5685−0.5823i	0.2796+0.1535i	−1.4930+1.4341i	−1.0225−0.2051i	0.1710−0.1521i	1.8364−0.2126i	−0.4650+0.0196i	−0.2151+0.7048i
69.9	−1.6363−0.5317i	0.2831+0.1601i	−1.6094+1.5027i	−1.0424−0.1694i	0.1765−0.1406i	1.9290−0.3307i	−0.4380+0.1251i	−0.1566+0.6526i
70.0	−1.6805−0.4460i	0.2780+0.1790i	−1.7317+1.6164i	−1.0885−0.0982i	0.1597−0.1216i	2.0012−0.5321i	−0.3896+0.2752i	−0.1890+0.5340i
70.1	−1.7649−0.3756i	0.2718+0.1693i	−1.9686+1.7275i	−1.1633−0.0211i	0.1408−0.1177i	2.1993−0.6875i	−0.7637+0.1925i	−0.1563+0.7113i
70.2	−1.8357−0.2563i	0.2854+0.1833i	−2.0248+1.9240i	−1.1999+0.1081i	0.1498−0.1038i	2.2857−0.9338i	−0.8972+0.3618i	−0.0628+0.5750i
70.3	−1.8418−0.1530i	0.3021+0.1842i	−2.0422+2.0675i	−1.1868+0.1936i	0.1680−0.0670i	2.2598−1.1262i	−1.0142+0.3744i	−0.1568+0.6430i
70.4	−1.9259−0.0065i	0.3189+0.1956i	−2.2722+2.3212i	−1.2465+0.3475i	0.1750−0.0455i	2.4158−1.4868i	−1.0390+0.4514i	−0.2260+0.6497i
70.5	−1.9133+0.1885i	0.3228+0.2007i	−2.3195+2.6530i	−1.2316+0.5091i	0.1738−0.0088i	2.4113−1.8699i	−0.9562+0.6918i	−0.1753+0.5963i
70.6	−1.9610+0.3195i	0.3321+0.1982i	−2.3915+2.9152i	−1.2304+0.6341i	0.1601−0.0085i	2.4482−2.1701i	−0.9541+0.7256i	−0.1670+0.6271i
70.7	−1.9240+0.4609i	0.3393+0.2221i	−2.3920+3.2995i	−1.2083+0.7807i	0.1966−0.0080i	2.3280−2.5470i	−0.7416+1.0206i	−0.1165+0.4849i
70.8	−1.7797+0.6542i	0.3498+0.2283i	−2.1645+3.6833i	−1.0839+0.9164i	0.1965+0.0304i	1.9546−2.8627i	−0.5158+1.2589i	−0.2080+0.4219i
70.9	−1.6467+0.8500i	0.3660+0.1885i	−1.9077+4.0035i	−0.9337+1.0593i	0.2195+0.0151i	1.5891−3.2151i	−0.5711+1.3071i	−0.2089+0.5801i
71.0	−1.5724+1.0030i	0.3558+0.1807i	−1.8130+4.3018i	−0.8650+1.1757i	0.2420+0.0057i	1.4510−3.4873i	−0.5733+1.5929i	0.0918+0.6218i
71.1	−1.4008+1.2494i	0.3825+0.1713i	−1.4991+4.9021i	−0.6919+1.3843i	0.2025−0.0063i	0.9482−4.0019i	−0.3080+1.6810i	−0.0036+0.5626i
71.2	−1.2405+1.3703i	0.3973+0.1596i	−1.1813+5.1838i	−0.5409+1.4906i	0.1714+0.0155i	0.5210−4.2210i	−0.0946+1.6320i	−0.1381+0.5179i
71.3	−0.9515+1.3443i	0.3837+0.1450i	−0.6658+5.1449i	−0.3248+1.4495i	0.2062+0.0472i	0.0045−4.0518i	0.1258+1.6010i	−0.0801+0.4892i
71.4	−0.7041+1.4173i	0.3719+0.1139i	−0.2702+5.2584i	−0.1307+1.4681i	0.2243+0.0596i	−0.4543−4.0685i	0.0488+1.5265i	0.0163+0.6564i
71.5	−0.5833+1.3193i	0.3761+0.1101i	0.0111+5.0993i	−0.0376+1.3860i	0.2662+0.0406i	−0.6728−3.8471i	0.1892+1.4113i	0.0042+0.5740i
71.6	−0.4511+1.3307i	0.3947+0.0913i	0.3311+5.2141i	0.0985+1.4283i	0.2409+0.0221i	−1.0265−3.8465i	0.1971+1.3472i	−0.0570+0.5910i
71.7	−0.1765+1.2068i	0.3653+0.0706i	0.8631+5.0635i	0.2979+1.3451i	0.2893+0.0099i	−1.5134−3.5669i	0.2990+1.4003i	0.1225+0.5332i
71.8	0.0071+1.0425i	0.3293+0.0712i	1.1391+4.6838i	0.4031+1.1823i	0.3596+0.0236i	−1.7255−3.1760i	0.2857+1.4480i	0.2881+0.4277i
71.9	0.0010+0.8882i	0.3276+0.0714i	1.2404+4.3779i	0.4210+1.0747i	0.3843−0.0278i	−1.6800−2.8354i	0.1998+1.2987i	0.2020+0.4508i
72.0	0.0093+0.8287i	0.3141+0.0632i	1.1488+4.2766i	0.4122+1.0257i	0.3851−0.0506i	−1.6922−2.7090i	0.0867+1.3195i	0.2116+0.5753i
72.1	0.0736+0.7263i	0.3058+0.0770i	1.3084+4.1202i	0.4544+0.9640i	0.3999−0.0835i	−1.8061−2.5559i	0.3489+1.1497i	0.1293+0.3043i
72.2	0.1426+0.6537i	0.2902+0.0555i	1.5533+3.9846i	0.5556+0.8990i	0.3955−0.1355i	−1.9543−2.3739i	0.3396+1.3322i	0.3159+0.3493i
72.3	0.2008+0.5324i	0.2758+0.0458i	1.6858+3.7375i	0.6090+0.8129i	0.4324−0.1446i	−2.0366−2.1061i	0.3884+1.2110i	0.2532+0.3860i
72.4	0.2085+0.4540i	0.2761+0.0580i	1.7412+3.6608i	0.6386+0.7965i	0.4245−0.1821i	−2.1066−2.0060i	0.4991+1.1588i	0.0833+0.3269i
72.5	0.1728+0.3747i	0.2794+0.0692i	1.6859+3.6072i	0.6338+0.7674i	0.4448−0.2116i	−2.0461−1.9048i	0.4366+1.0313i	−0.0427+0.3614i
72.6	0.1261+0.2947i	0.2605+0.0853i	1.5412+3.3804i	0.5838+0.6731i	0.4419−0.2224i	−1.8659−1.7544i	0.5024+0.9227i	−0.0823+0.2720i
72.7	0.1340+0.2586i	0.2365+0.0834i	1.6216+3.2439i	0.6252+0.5997i	0.4179−0.2870i	−1.8734−1.5808i	0.6433+0.9870i	0.0635+0.2659i
72.8	0.1423+0.1991i	0.2240+0.0912i	1.6731+3.1532i	0.6626+0.5732i	0.4033−0.2856i	−1.9453−1.4951i	0.7434+0.9550i	0.0080+0.2017i
72.9	0.1219+0.1167i	0.2262+0.1000i	1.7147+3.1414i	0.6571+0.5795i	0.3723−0.3494i	−1.9549−1.4383i	0.8152+0.9033i	0.0165+0.2065i
73.0	0.1284+0.0109i	0.2236+0.1041i	1.7823+2.8925i	0.6782+0.4768i	0.3677−0.3664i	−1.9707−1.1964i	0.8791+0.6903i	−0.1335+0.1552i
73.1	0.1072+0.0209i	0.2125+0.0970i	1.6034+2.7263i	0.6340+0.4381i	0.3140−0.3701i	−1.8299−1.1298i	0.7952+0.7086i	−0.1783+0.2334i
73.2	0.0632+0.0021i	0.2129+0.1079i	1.4667+2.7020i	0.5940+0.4721i	0.2904−0.3841i	−1.7179−1.0935i	0.8068+0.7168i	−0.2113+0.2940i
73.3	0.0444−0.0701i	0.2156+0.1311i	1.6218+2.5848i	0.6457+0.3764i	0.2801−0.3858i	−1.8217−0.9415i	0.8983+0.4442i	−0.3048+0.1843i
73.4	0.0772−0.0762i	0.2011+0.1292i	1.6182+2.5023i	0.6523+0.3164i	0.2708−0.3822i	−1.8105−0.8568i	0.9241+0.4170i	−0.3451+0.2112i
73.5	0.0538−0.1410i	0.1899+0.1404i	1.4458+2.4541i	0.5700+0.3093i	0.2546−0.4611i	−1.6446−0.8087i	0.7823+0.4384i	−0.3040+0.3863i
73.6	0.0426−0.1506i	0.1743+0.1452i	1.2944+2.4306i	0.5600+0.3204i	0.2603−0.4549i	−1.5522−0.8149i	0.6499+0.4790i	−0.2414+0.4994i
73.7	0.0440−0.1774i	0.1751+0.1686i	1.2454+2.4779i	0.5771+0.3574i	0.2580−0.4478i	−1.5211−0.8742i	0.6810+0.3524i	−0.2884+0.4274i
73.8	0.0204−0.2046i	0.1760+0.1795i	1.2270+2.4383i	0.5673+0.3414i	0.1980−0.4297i	−1.4788−0.8383i	0.6830+0.3750i	−0.2364+0.3677i
73.9	0.0348−0.2161i	0.1637+0.1866i	1.1815+2.3383i	0.5706+0.3001i	0.1918−0.4664i	−1.4466−0.7643i	0.5620+0.4426i	−0.1591+0.4733i
74.0	0.0039−0.2045i	0.1617+0.1982i	1.1649+2.3414i	0.5673+0.2705i	0.1895−0.4970i	−1.4445−0.7475i	0.6037+0.3834i	−0.2206+0.4447i
74.1	0.0046−0.2369i	0.1595+0.2086i	1.1366+2.3755i	0.5723+0.2394i	0.1876−0.4850i	−1.4696−0.7238i	0.6339+0.3212i	−0.2770+0.5082i
74.2	−0.0335−0.2184i	0.1682+0.1957i	1.1570+2.2592i	0.5947+0.2429i	0.1006−0.4648i	−1.4039−0.6494i	0.5800+0.3360i	−0.1416+0.5537i
74.3	−0.0426−0.2550i	0.1625+0.2188i	1.0765+2.2571i	0.6208+0.2580i	0.1065−0.4302i	−1.3557−0.6662i	0.6616+0.3141i	−0.1773+0.4044i
74.4	−0.0136−0.2700i	0.1483+0.2316i	0.9377+2.2900i	0.5905+0.2431i	0.1188−0.4584i	−1.2820−0.7040i	0.6469+0.3053i	−0.1955+0.4280i
74.5	−0.0264−0.2323i	0.1567+0.2345i	0.9139+2.3528i	0.5714+0.2042i	0.0577−0.4916i	−1.3224−0.7568i	0.5115+0.3063i	−0.1855+0.6215i
74.6	−0.0706−0.2416i	0.1648+0.2409i	0.8740+2.2429i	0.5429+0.1779i	0.0625−0.4795i	−1.2215−0.7039i	0.5193+0.1937i	−0.2131+0.4792i
74.7	−0.0347−0.3089i	0.1463+0.2641i	0.8532+2.2281i	0.5683+0.1615i	0.1211−0.4515i	−1.2410−0.6862i	0.4331+0.1795i	−0.2184+0.4574i
74.8	−0.0124−0.3230i	0.1340+0.2795i	0.7387+2.2543i	0.5231+0.1698i	0.1002−0.4546i	−1.1973−0.7123i	0.4802+0.2411i	−0.1352+0.4907i
74.9	−0.0420−0.3683i	0.1481+0.2864i	0.6808+2.2411i	0.5484+0.2387i	0.0388−0.4865i	−1.1672−0.6860i	0.4862+0.3220i	−0.0035+0.6068i

75.0	−0.0876−0.3666i	0.1716+0.3017i	0.6535+2.2452i	0.5427+0.2001i	0.0368−0.5073i	−1.1337−0.6463i	0.4520+0.2062i	−0.1134+0.6760i
75.1	−0.0822−0.3289i	0.1837+0.2976i	0.7353+2.2399i	0.5081+0.1838i	0.0018−0.5111i	−1.1535−0.6373i	0.4628+0.1982i	−0.1141+0.6210i
75.2	−0.0679−0.3547i	0.1750+0.3233i	0.6831+2.3259i	0.4948+0.1566i	0.0221−0.5185i	−1.1497−0.6586i	0.4536+0.1420i	−0.1317+0.6249i
75.3	−0.0436−0.3901i	0.1501+0.3373i	0.4668+2.3925i	0.5002+0.1741i	0.0359−0.5225i	−1.0861−0.7127i	0.3461+0.2088i	−0.0448+0.7177i
75.4	−0.0379−0.5025i	0.1339+0.3605i	0.2794+2.4470i	0.4904+0.1904i	0.0215−0.5775i	−0.9831−0.7343i	0.2108+0.2484i	0.0014+0.7867i
75.5	0.0413−0.5002i	0.1355+0.3376i	0.2557+2.3298i	0.5411+0.1988i	−0.0354−0.5056i	−1.0348−0.6261i	0.4008+0.2330i	−0.0240+0.5700i
75.6	−0.0049−0.4963i	0.1691+0.3560i	0.4739+2.3151i	0.5517+0.1713i	−0.0411−0.5091i	−1.1380−0.5842i	0.5059+0.1496i	0.0135+0.4902i
75.7	−0.0565−0.4960i	0.1834+0.3663i	0.3792+2.3359i	0.5791+0.1425i	−0.0472−0.5275i	−1.0650−0.6319i	0.4818+0.1130i	−0.0041+0.5034i
75.8	−0.0594−0.4964i	0.1745+0.3822i	0.2231+2.4154i	0.5273+0.1659i	−0.0615−0.5526i	−0.9986−0.7446i	0.3968+0.1436i	0.0426+0.5632i
75.9	−0.0204−0.6000i	0.1499+0.4067i	0.1643+2.5313i	0.5465+0.1453i	−0.0568−0.5428i	−1.0034−0.7132i	0.3351+0.0638i	−0.1205+0.5528i
76.0	−0.0201−0.6142i	0.1515+0.4230i	0.0589+2.5930i	0.5947+0.1196i	−0.0951−0.5603i	−1.0375−0.7146i	0.2924+0.1353i	−0.0357+0.5402i
76.1	0.0021−0.7038i	0.1253+0.4662i	−0.1541+2.7267i	0.5720+0.0996i	−0.0278−0.5850i	−0.9495−0.7841i	0.2342+0.1490i	−0.1738+0.5491i
76.2	−0.0268−0.6697i	0.1492+0.4707i	−0.1556+2.6952i	0.5953+0.1211i	−0.0844−0.6112i	−0.9880−0.7687i	0.2498+0.1630i	0.0338+0.5902i
76.3	−0.0662−0.6680i	0.1740+0.4726i	−0.2111+2.7476i	0.5772+0.1227i	−0.1645−0.6175i	−0.9564−0.7726i	0.2828+0.1790i	0.1181+0.5633i
76.4	−0.1041−0.7456i	0.1859+0.5327i	−0.2562+3.0562i	0.5836+0.1141i	−0.1934−0.6477i	−0.9991−0.8497i	0.3229+0.2747i	0.1819+0.5564i
76.5	−0.0758−0.8843i	0.1682+0.5867i	−0.4187+3.3826i	0.6489+0.0733i	−0.1558−0.6503i	−0.9595−0.9099i	0.3030+0.2661i	−0.0626+0.5796i
76.6	−0.1539−0.9604i	0.1825+0.6235i	−0.3733+3.6026i	0.6632+0.0217i	−0.1826−0.6711i	−0.9354−0.9259i	0.2415+0.2272i	−0.0905+0.6669i
76.7	−0.1169−0.9878i	0.1821+0.6227i	−0.3753+3.7631i	0.6685+0.0202i	−0.2191−0.6327i	−0.9713−0.8683i	0.3454+0.1817i	−0.1465+0.4911i
76.8	−0.0282−1.0867i	0.1620+0.6313i	−0.4761+3.8642i	0.7157−0.0284i	−0.2324−0.6068i	−0.9657−0.6774i	0.4040+0.1118i	−0.1665+0.5206i
76.9	−0.1199−1.1906i	0.1555+0.7129i	−0.5639+4.1972i	0.7250−0.0857i	−0.2208−0.6540i	−0.8422−0.8620i	0.2294+0.1011i	−0.0687+0.7509i
77.0	−0.2214−1.2440i	0.1876+0.7712i	−0.4424+4.4583i	0.6805−0.1045i	−0.2280−0.6883i	−0.8299−1.0084i	0.1761+0.1733i	−0.0868+0.8800i
77.1	−0.3516−1.4211i	0.2214+0.8874i	−0.3439+5.0325i	0.6497−0.1542i	−0.2628−0.7894i	−0.7664−1.2688i	0.1756+0.1715i	−0.2499+0.9683i
77.2	−0.3348−1.4339i	0.2395+0.8838i	−0.2547+5.2155i	0.6559−0.1808i	−0.3309−0.7249i	−0.8573−1.1506i	0.2618+0.1170i	−0.1477+0.7377i
77.3	−0.5147−1.4961i	0.3092+0.9701i	0.0052+5.5885i	0.6301−0.2626i	−0.3564−0.7442i	−0.8870−1.4117i	0.3379+0.0927i	−0.2623+1.0276i
77.4	−0.5714−1.5811i	0.3312+1.0243i	0.1707+5.9662i	0.5968−0.2936i	−0.3786−0.7408i	−0.8026−1.4915i	0.3147+0.2391i	−0.1312+1.1295i
77.5	−0.6385−1.6058i	0.3746+1.0745i	0.5469+6.1080i	0.5103−0.3427i	−0.3515−0.7607i	−0.8429−1.6671i	0.3118+0.2473i	−0.0747+1.2106i
77.6	−0.8257−1.7081i	0.4632+1.1242i	0.9940+6.5308i	0.5005−0.4306i	−0.4199−0.7487i	−0.8125−1.7264i	0.2781+0.0659i	−0.1389+1.3448i
77.7	−0.8124−1.7521i	0.5016+1.1354i	1.0595+6.6215i	0.4932−0.3471i	−0.4677−0.7304i	−0.9516−1.6336i	0.3024+0.0995i	0.1410+1.1414i
77.8	−0.9676−1.7168i	0.6559+1.1936i	1.5595+6.6996i	0.4183−0.2771i	−0.5385−0.7905i	−1.4547−1.8346i	0.3010+0.1604i	0.5122+1.1860i
77.9	−1.1604−1.7928i	0.7690+1.2642i	1.9914+6.9913i	0.4118−0.3076i	−0.5856−0.8204i	−1.6685−2.0393i	0.2678+0.1268i	0.4426+1.3366i
78.0	−1.3234−1.8345i	0.8815+1.2947i	2.6898+7.0881i	0.3650−0.3376i	−0.6095−0.8147i	−1.8617−2.1445i	0.2276+0.0846i	0.4581+1.4107i
78.1	−1.2971−1.8156i	0.8832+1.2571i	2.7476+7.1208i	0.3273−0.2730i	−0.6215−0.7405i	−1.8102−2.0210i	0.1948+0.0611i	0.4002+1.2776i
78.2	−1.5645−1.7917i	1.0366+1.2739i	3.2906+7.0251i	0.2686−0.2575i	−0.6709−0.7649i	−2.1513−2.1183i	0.1446+0.1094i	0.7399+1.3916i
78.3	−1.7703−1.6850i	1.1598+1.2090i	3.6417+6.6958i	0.2205−0.2317i	−0.7213−0.7392i	−2.3807−2.0072i	0.1447+0.2458i	0.9890+1.2002i
78.4	−1.8378−1.6075i	1.2512+1.1235i	3.7059+6.5762i	0.2541−0.2009i	−0.8351−0.7192i	−2.6237−1.6213i	0.1296+0.2802i	1.1156+1.0651i
78.5	−2.0829−1.5597i	1.4277+1.1146i	4.2320+6.5767i	0.2366−0.1533i	−0.9222−0.7371i	−3.0968−1.5298i	0.1203+0.3024i	1.3320+1.0705i
78.6	−2.2752−1.3601i	1.6007+1.0116i	5.1502+6.0513i	0.2619−0.0685i	−0.9644−0.6866i	−3.5509−1.3934i	0.2493+0.2967i	1.3995+0.9729i
78.7	−2.3543−1.1604i	1.6318+0.8594i	5.4588+5.7496i	0.2300−0.0410i	−1.0060−0.5666i	−3.4612−1.0078i	0.2783+0.3102i	1.5249+0.7638i
78.8	−2.4230−1.0115i	1.6605+0.7506i	5.5751+5.3880i	0.1860−0.0507i	−1.0324−0.5163i	−3.3996−0.7367i	0.2729+0.3131i	1.5287+0.5591i
78.9	−2.4609−0.7490i	1.6711+0.5899i	5.6842+4.8900i	0.1812+0.0217i	−1.0456−0.4125i	−3.3051−0.3489i	0.4295+0.3600i	1.4065+0.0811i
79.0	−2.3382−0.5483i	1.5949+0.5039i	5.4934+4.5289i	0.1827+0.1109i	−0.9943−0.3722i	−3.1475−0.2440i	0.4287+0.2998i	1.2763−0.0284i
79.1	−2.1692−0.7148i	1.5320+0.6084i	5.1176+4.6968i	0.2624+0.1825i	−0.9598−0.4745i	−3.0448−0.3453i	0.4135+0.2938i	1.1233+0.0813i
79.2	−2.3264−0.7847i	1.6558+0.6606i	5.6075+5.0736i	0.3310+0.2504i	−1.0522−0.4925i	−3.2854−0.3419i	0.5020+0.4234i	1.2421+0.1071i
79.3	−2.4215−0.7082i	1.7482+0.6213i	6.0274+4.8117i	0.3898+0.3122i	−1.0827−0.4819i	−3.5337−0.2864i	0.6262+0.4081i	1.3127−0.1066i
79.4	−2.4078−0.7026i	1.7491+0.6132i	6.1019+4.5349i	0.3741+0.3495i	−1.0676−0.4768i	−3.5625−0.3077i	0.6028+0.4232i	1.2982−0.1184i
79.5	−2.4302−0.5591i	1.7752+0.4620i	6.1704+4.2891i	0.5041+0.2893i	−1.1267−0.4053i	−3.4085+0.2130i	0.5535+0.3293i	1.4487−0.1645i
79.6	−2.5271−0.3929i	1.8353+0.3262i	6.3623+3.7161i	0.5678+0.2786i	−1.1808−0.3392i	−3.4277+0.5863i	0.6315+0.1031i	1.2087−0.2362i
79.7	−2.6163−0.3471i	1.8778+0.3081i	6.5034+3.6229i	0.5962+0.2936i	−1.2121−0.3452i	−3.4065+0.6263i	0.5826+0.1016i	1.2667−0.1653i
79.8	−2.5576−0.1524i	1.8360+0.1498i	6.4108+3.1308i	0.6682+0.2268i	−1.2200−0.2659i	−3.1563+1.0251i	0.5521+0.0124i	1.1182−0.3503i
79.9	−2.5875+0.0192i	1.8556+0.0090i	6.4827+2.7606i	0.7303+0.1584i	−1.2766−0.1719i	−2.9681+1.4838i	0.4975−0.0774i	1.0588−0.4805i
80.0	−2.5152+0.0400i	1.7942+0.0115i	6.4734+2.8421i	0.7592+0.1343i	−1.2480−0.1438i	−2.5521+1.4568i	0.4420−0.1072i	0.8447−0.4269i

2.1.36 Run 3 – IP315-200 – Accels 41–47

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	31.9160+0.0000i	21.2440+0.0000i	-8.6069+0.0000i	11.9003+0.0000i	15.7399+0.0000i	18.8449+0.0000i	13.7567+0.0000i
0.1	31.6430-0.2132i	21.0225-0.0878i	-8.4803-0.0417i	11.9291+0.1220i	15.6960+0.1005i	18.7356-0.4849i	14.0055+0.1981i
0.2	0.2485-0.6960i	-1.0809+1.0028i	-0.6041+1.1103i	0.6720+0.1810i	0.7485-0.4895i	3.0040-4.2979i	0.9627+0.6086i
0.3	-0.0771-0.0084i	-0.0903+0.0264i	-0.0853+0.4936i	-0.0086+0.0827i	0.0981-0.0480i	-0.2418-0.2218i	0.3568+0.3013i
0.4	0.0151-0.0040i	0.0410-0.0444i	-0.0037+0.0485i	-0.0079+0.0377i	0.0228-0.0240i	-0.2823+0.2828i	0.0626+0.0180i
0.5	-0.0120+0.0051i	0.0258+0.0006i	-0.0402+0.0266i	-0.0283+0.0113i	0.0245-0.0010i	-0.0567-0.1562i	0.0934+0.0000i
0.6	-0.0329-0.0117i	0.0541+0.0088i	-0.0124+0.0127i	-0.0310-0.0028i	0.0501+0.0094i	0.0379-0.0594i	0.0749+0.0092i
0.7	-0.0364-0.0134i	0.0637+0.0081i	-0.0067+0.0042i	-0.0365-0.0050i	0.0656+0.0121i	0.0154+0.0023i	0.0668+0.0033i
0.8	-0.0442-0.0101i	0.0803+0.0019i	-0.0110+0.0020i	-0.0419-0.0024i	0.0800+0.0034i	0.0082-0.0018i	0.0794+0.0035i
0.9	-0.0623-0.0122i	0.0993-0.0084i	-0.0129-0.0006i	-0.0550-0.0008i	0.0991-0.0059i	-0.0016+0.0218i	0.1003-0.0035i
1.0	-0.0701-0.0134i	0.1132-0.0054i	-0.0118-0.0021i	-0.0625-0.0015i	0.1129-0.0034i	0.0089+0.0156i	0.1171-0.0007i
1.1	-0.1023-0.0016i	0.1713-0.0104i	-0.0203-0.0067i	-0.0910+0.0045i	0.1752-0.0098i	0.0349+0.0310i	0.1825+0.0030i
1.2	-0.1542-0.0191i	0.2055-0.0286i	-0.0239-0.0054i	-0.1118+0.0008i	0.2048-0.0289i	-0.0106+0.0117i	0.2378-0.0142i
1.3	-0.2048-0.0271i	0.2241-0.0599i	-0.0287-0.0066i	-0.1328+0.0022i	0.2307-0.0596i	-0.0183-0.0122i	0.3075-0.0341i
1.4	-0.3186+0.0044i	0.1565+0.0447i	-0.0412-0.0046i	-0.1208-0.0345i	0.1786+0.0381i	-0.0287-0.0089i	0.4329-0.0439i
1.5	-0.3555+0.1656i	0.3910+0.3174i	-0.0503+0.0033i	-0.1836-0.1287i	0.4078+0.2772i	-0.0194-0.0114i	0.5962-0.1844i
1.6	-0.2763+0.1575i	0.8894+0.0968i	-0.0531+0.0025i	-0.3222-0.1130i	0.8714+0.0598i	-0.0264-0.0086i	0.7003-0.3522i
1.7	-0.2969+0.0948i	1.1495-0.4684i	-0.0622+0.0004i	-0.4393-0.0579i	1.1143-0.4811i	-0.0364-0.0152i	0.7660-0.6785i
1.8	-0.4070+0.0730i	1.1148-1.2532i	-0.0794+0.0032i	-0.5604-0.0058i	1.0764-1.2408i	-0.0503-0.0259i	0.6830-1.2534i
1.9	-0.5771+0.0325i	0.4041-1.8830i	-0.1005+0.0053i	-0.7232+0.0253i	0.3862-1.8426i	-0.0786-0.0386i	0.0369-1.6678i
2.0	-0.8842-0.0114i	-0.4431-1.8855i	-0.1340+0.0030i	-0.9982+0.0145i	-0.4284-1.8365i	-0.1275-0.0335i	-0.6716-1.5726i
2.1	-1.6685+0.0371i	-0.9105-1.3652i	-0.2207+0.0064i	-1.7645+0.0520i	-0.8561-1.3276i	-0.2191-0.0245i	-1.0530-1.0848i
2.2	-2.9326+0.2226i	-1.0769-1.0179i	-0.3590+0.0232i	-3.0450+0.2184i	-0.9803-0.9938i	-0.3545-0.0003i	-1.2500-0.7687i
2.3	-2.6578+1.8065i	-1.2179-0.7339i	-0.3316+0.1961i	-2.7556+1.8382i	-1.1244-0.7605i	-0.3345+0.1725i	-1.3030-0.4014i
2.4	2.5120+0.8945i	-0.7745-0.5015i	0.2279+0.1050i	2.5463+0.9551i	-0.8326-0.5069i	0.2087+0.0913i	-0.4941-0.3041i
2.5	1.9478+0.4014i	-0.7565-0.4277i	0.1633+0.0487i	1.9733+0.4412i	-0.7976-0.4215i	0.1520+0.0379i	-0.5111-0.2836i
2.6	1.3798+0.2327i	-0.7222-0.3568i	0.0975+0.0292i	1.3943+0.2602i	-0.7475-0.3495i	0.0932+0.0191i	-0.5167-0.2436i
2.7	1.1188+0.1635i	-0.6856-0.3028i	0.0650+0.0207i	1.1278+0.1853i	-0.7051-0.2966i	0.0648+0.0142i	-0.4983-0.2090i
2.8	0.9690+0.1128i	-0.6685-0.2679i	0.0446+0.0146i	0.9767+0.1306i	-0.6851-0.2603i	0.0499+0.0075i	-0.4891-0.1848i
2.9	0.8450+0.0967i	-0.6603-0.2354i	0.0252+0.0127i	0.8531+0.1096i	-0.6728-0.2288i	0.0356+0.0053i	-0.4826-0.1615i
3.0	0.7599+0.0766i	-0.6246-0.2149i	0.0101+0.0096i	0.7645+0.0871i	-0.6355-0.2094i	0.0253+0.0050i	-0.4544-0.1472i
3.1	0.7033+0.0700i	-0.6016-0.1915i	-0.0021+0.0086i	0.7058+0.0772i	-0.6110-0.1862i	0.0155+0.0041i	-0.4323-0.1301i
3.2	0.6473+0.0603i	-0.5783-0.1794i	-0.0169+0.0086i	0.6476+0.0683i	-0.5873-0.1739i	0.0024+0.0034i	-0.4102-0.1233i
3.3	0.6198+0.0525i	-0.5820-0.1818i	-0.0246+0.0067i	0.6216+0.0619i	-0.5895-0.1758i	-0.0034+0.0008i	-0.4090-0.1245i
3.4	0.5886+0.0466i	-0.5827-0.1643i	-0.0342+0.0054i	0.5920+0.0552i	-0.5893-0.1588i	-0.0104-0.0004i	-0.4045-0.1127i
3.5	0.5599+0.0425i	-0.5722-0.1463i	-0.0458+0.0042i	0.5637+0.0484i	-0.5776-0.1411i	-0.0203-0.0011i	-0.3914-0.0995i
3.6	0.5376+0.0413i	-0.5612-0.1336i	-0.0563+0.0036i	0.5419+0.0459i	-0.5666-0.1290i	-0.0272-0.0007i	-0.3787-0.0914i
3.7	0.5171+0.0408i	-0.5583-0.1206i	-0.0678+0.0028i	0.5220+0.0438i	-0.5631-0.1164i	-0.0337-0.0003i	-0.3705-0.0820i
3.8	0.5023+0.0399i	-0.5472-0.1216i	-0.0782+0.0033i	0.5061+0.0430i	-0.5517-0.1163i	-0.0414-0.0005i	-0.3564-0.0826i
3.9	0.4878+0.0375i	-0.5363-0.1229i	-0.0912+0.0033i	0.4904+0.0407i	-0.5403-0.1174i	-0.0519-0.0016i	-0.3422-0.0842i
4.0	0.4758+0.0357i	-0.5335-0.1139i	-0.1033+0.0034i	0.4776+0.0389i	-0.5373-0.1091i	-0.0593-0.0014i	-0.3363-0.0781i
4.1	0.4647+0.0356i	-0.5450-0.1017i	-0.1139+0.0016i	0.4685+0.0379i	-0.5484-0.0975i	-0.0673-0.0029i	-0.3393-0.0690i
4.2	0.4541+0.0361i	-0.5340-0.0908i	-0.1296+0.0016i	0.4590+0.0371i	-0.5373-0.0867i	-0.0779-0.0027i	-0.3241-0.0608i
4.3	0.4444+0.0391i	-0.5283-0.0883i	-0.1455+0.0035i	0.4486+0.0392i	-0.5316-0.0845i	-0.0905-0.0015i	-0.3129-0.0595i
4.4	0.4370+0.0418i	-0.5301-0.0908i	-0.1592+0.0055i	0.4403+0.0445i	-0.5328-0.0867i	-0.1008-0.0011i	-0.3085-0.0617i
4.5	0.4325+0.0386i	-0.5291-0.0776i	-0.1749+0.0039i	0.4352+0.0405i	-0.5315-0.0735i	-0.1121-0.0023i	-0.3011-0.0510i
4.6	0.4269+0.0361i	-0.5165-0.0726i	-0.1909+0.0038i	0.4302+0.0393i	-0.5190-0.0682i	-0.1252-0.0019i	-0.2847-0.0472i
4.7	0.4222+0.0359i	-0.5123-0.0701i	-0.2085+0.0025i	0.4259+0.0389i	-0.5132-0.0653i	-0.1364-0.0037i	-0.2735-0.0448i
4.8	0.4112+0.0385i	-0.5016-0.0712i	-0.2327+0.0050i	0.4152+0.0438i	-0.5018-0.0668i	-0.1526-0.0026i	-0.2566-0.0470i
4.9	0.4051+0.0393i	-0.4952-0.0751i	-0.2535+0.0062i	0.4080+0.0460i	-0.4977-0.0719i	-0.1707-0.0016i	-0.2459-0.0507i
5.0	0.3984+0.0432i	-0.4926-0.0786i	-0.2846+0.0075i	0.4037+0.0491i	-0.4944-0.0740i	-0.1922-0.0002i	-0.2342-0.0539i
5.1	0.3931+0.0470i	-0.4874-0.0799i	-0.3085+0.0077i	0.4008+0.0520i	-0.4887-0.0762i	-0.2116-0.0016i	-0.2241-0.0554i
5.2	0.3872+0.0513i	-0.4885-0.0922i	-0.3450+0.0151i	0.3962+0.0558i	-0.4898-0.0887i	-0.2408+0.0015i	-0.2152-0.0660i
5.3	0.3840+0.0568i	-0.4870-0.1003i	-0.3742+0.0190i	0.3943+0.0603i	-0.4875-0.0968i	-0.2648+0.0062i	-0.2065-0.0729i
5.4	0.3797+0.0683i	-0.4938-0.1100i	-0.4131+0.0290i	0.3913+0.0704i	-0.4941-0.1068i	-0.2965+0.0167i	-0.2027-0.0797i
5.5	0.3806+0.0774i	-0.5090-0.1119i	-0.4424+0.0416i	0.3941+0.0790i	-0.5085-0.1081i	-0.3192+0.0268i	-0.2082-0.0813i
5.6	0.3818+0.0840i	-0.5138-0.1126i	-0.4783+0.0500i	0.3964+0.0868i	-0.5126-0.1094i	-0.3480+0.0341i	-0.2037-0.0810i

5.7	0.3795+0.0879i	-0.5380-0.1121i	-0.5384+0.0561i	0.3955+0.0888i	-0.5380-0.1083i	-0.3978+0.0410i	-0.2131-0.0787i
5.8	0.3797+0.1002i	-0.5482-0.1142i	-0.5774+0.0831i	0.3975+0.1008i	-0.5479-0.1109i	-0.4267+0.0626i	-0.2139-0.0804i
5.9	0.3950+0.1151i	-0.5600-0.1126i	-0.6123+0.1088i	0.4148+0.1144i	-0.5597-0.1102i	-0.4553+0.0854i	-0.2136-0.0781i
6.0	0.4172+0.1167i	-0.5652-0.0951i	-0.6638+0.1188i	0.4367+0.1150i	-0.5656-0.0930i	-0.4940+0.0959i	-0.2047-0.0609i
6.1	0.4328+0.1086i	-0.5704-0.0781i	-0.7379+0.1286i	0.4518+0.1064i	-0.5705-0.0754i	-0.5520+0.1054i	-0.1957-0.0481i
6.2	0.4382+0.0999i	-0.5722-0.0711i	-0.8125+0.1260i	0.4587+0.0993i	-0.5712-0.0684i	-0.6145+0.1052i	-0.1865-0.0419i
6.3	0.4353+0.0927i	-0.5729-0.0621i	-0.9175+0.1305i	0.4585+0.0912i	-0.5723-0.0608i	-0.7017+0.1102i	-0.1763-0.0333i
6.4	0.4309+0.0909i	-0.5813-0.0638i	-1.0649+0.1770i	0.4590+0.0898i	-0.5805-0.0627i	-0.8224+0.1467i	-0.1701-0.0376i
6.5	0.4275+0.0976i	-0.5819-0.0608i	-1.2089+0.2210i	0.4607+0.0949i	-0.5833-0.0607i	-0.9427+0.1841i	-0.1617-0.0327i
6.6	0.4302+0.1006i	-0.5896-0.0508i	-1.4359+0.3381i	0.4700+0.0967i	-0.5914-0.0524i	-1.1364+0.2839i	-0.1580-0.0250i
6.7	0.4372+0.1098i	-0.5954-0.0449i	-1.6804+0.4861i	0.4845+0.1006i	-0.5979-0.0458i	-1.3458+0.4087i	-0.1509-0.0188i
6.8	0.4419+0.1155i	-0.5901-0.0405i	-2.1033+0.7186i	0.4990+0.0986i	-0.5949-0.0400i	-1.7075+0.6108i	-0.1354-0.0101i
6.9	0.4491+0.1285i	-0.5900-0.0361i	-2.5579+1.3667i	0.5182+0.0969i	-0.5967-0.0344i	-2.0975+1.1753i	-0.1250+0.0010i
7.0	0.4668+0.1381i	-0.5939-0.0343i	-2.9738+2.4528i	0.5483+0.0832i	-0.6030-0.0306i	-2.4571+2.1208i	-0.1191+0.0165i
7.1	0.5117+0.1232i	-0.5959-0.0181i	-1.8756+4.3558i	0.5682+0.0187i	-0.6042-0.0069i	-1.4985+3.7813i	-0.0916+0.0486i
7.2	0.5251+0.0770i	-0.5707-0.0111i	0.5054+4.5703i	0.5235-0.0364i	-0.5752+0.0026i	0.5825+3.9724i	-0.0274+0.0557i
7.3	0.4950+0.0535i	-0.5533-0.0267i	1.5741+3.6019i	0.4643-0.0376i	-0.5540-0.0135i	1.5250+3.1291i	0.0109+0.0335i
7.4	0.4869+0.0661i	-0.5700-0.0483i	2.0952+2.6139i	0.4443-0.0016i	-0.5659-0.0372i	1.9802+2.2660i	0.0187+0.0082i
7.5	0.4794+0.0751i	-0.5903-0.0437i	2.0378+1.3926i	0.4408+0.0364i	-0.5849-0.0374i	1.9430+1.1996i	0.0209+0.0017i
7.6	0.4747+0.0913i	-0.5938-0.0442i	1.4423+0.9172i	0.4495+0.0648i	-0.5887-0.0380i	1.4344+0.7879i	0.0300+0.0023i
7.7	0.4726+0.0948i	-0.5972-0.0456i	1.0429+0.8167i	0.4575+0.0715i	-0.5945-0.0395i	1.0961+0.6997i	0.0385+0.0060i
7.8	0.4846+0.1100i	-0.6112-0.0483i	0.8119+0.8814i	0.4742+0.0824i	-0.6065-0.0443i	0.9066+0.7573i	0.0545+0.0122i
7.9	0.4917+0.1179i	-0.6234-0.0472i	0.8074+0.8823i	0.4814+0.0896i	-0.6178-0.0422i	0.9136+0.7595i	0.0678+0.0177i
8.0	0.5086+0.1199i	-0.6266-0.0424i	0.7387+0.7854i	0.4990+0.0928i	-0.6229-0.0376i	0.8654+0.6718i	0.0909+0.0187i
8.1	0.5332+0.1331i	-0.6288-0.0413i	0.6503+0.7469i	0.5258+0.1095i	-0.6259-0.0386i	0.7973+0.6334i	0.1149+0.0250i
8.2	0.5541+0.1360i	-0.6383-0.0388i	0.5611+0.6799i	0.5515+0.1161i	-0.6357-0.0388i	0.7320+0.5730i	0.1355+0.0252i
8.3	0.5784+0.1349i	-0.6467-0.0425i	0.3990+0.6225i	0.5821+0.1140i	-0.6446-0.0414i	0.6131+0.5173i	0.1609+0.0218i
8.4	0.6006+0.1324i	-0.6499-0.0398i	0.2690+0.6460i	0.6085+0.1088i	-0.6496-0.0375i	0.5131+0.5354i	0.1804+0.0253i
8.5	0.6273+0.1288i	-0.6516-0.0380i	0.1005+0.7095i	0.6401+0.1005i	-0.6538-0.0345i	0.3847+0.5868i	0.2052+0.0342i
8.6	0.6545+0.1092i	-0.6581-0.0439i	-0.0160+0.8619i	0.6719+0.0754i	-0.6603-0.0380i	0.2984+0.7022i	0.2308+0.0328i
8.7	0.6850+0.0810i	-0.6651-0.0478i	-0.1189+0.9821i	0.7059+0.0427i	-0.6690-0.0397i	0.2243+0.7954i	0.2566+0.0353i
8.8	0.7121+0.0602i	-0.6662-0.0551i	-0.2733+1.1504i	0.7380+0.0141i	-0.6721-0.0440i	0.1129+0.9300i	0.2854+0.0470i
8.9	0.7385+0.0221i	-0.6673-0.0674i	-0.3944+1.4946i	0.7707-0.0385i	-0.6754-0.0542i	0.0305+1.2041i	0.3289+0.0576i
9.0	0.7465-0.0352i	-0.6772-0.0867i	-0.2635+1.9132i	0.7718-0.1134i	-0.6825-0.0672i	0.1477+1.5362i	0.3676+0.0545i
9.1	0.7126-0.0756i	-0.7038-0.1052i	0.1074+2.1451i	0.7179-0.1578i	-0.7049-0.0797i	0.4608+1.7221i	0.4048+0.0552i
9.2	0.7305-0.1244i	-0.7382-0.1317i	0.1251+2.6656i	0.7307-0.2286i	-0.7336-0.0971i	0.5008+2.1276i	0.4416+0.0781i
9.3	0.6832-0.1942i	-0.7924-0.1447i	1.0252+3.1281i	0.6449-0.3127i	-0.7705-0.1047i	1.2436+2.4808i	0.5321+0.0857i
9.4	0.5840-0.2090i	-0.8536-0.1144i	2.1300+2.7117i	0.5045-0.3050i	-0.8127-0.0835i	2.1425+2.1299i	0.6237+0.0504i
9.5	0.5351-0.1732i	-0.8832-0.0837i	2.4662+1.9366i	0.4469-0.2394i	-0.8362-0.0662i	2.4200+1.4983i	0.6790-0.0059i
9.6	0.5150-0.1345i	-0.8957-0.0534i	2.3690+1.3785i	0.4275-0.1765i	-0.8526-0.0459i	2.3469+1.0360i	0.7031-0.0451i
9.7	0.5009-0.0965i	-0.9033-0.0332i	2.2151+1.0039i	0.4192-0.1229i	-0.8656-0.0351i	2.2330+0.7185i	0.7349-0.0793i
9.8	0.5116-0.0693i	-0.9117-0.0232i	2.0002+0.8029i	0.4396-0.0833i	-0.8780-0.0261i	2.0727+0.5456i	0.7803-0.1308i
9.9	0.5172-0.0485i	-0.9274-0.0139i	1.8928+0.7178i	0.4516-0.0507i	-0.8967-0.0160i	1.9944+0.4733i	0.8077-0.1566i
10.0	0.5343-0.0215i	-0.9426+0.0036i	1.8030+0.6529i	0.4789-0.0097i	-0.9122+0.0034i	1.9309+0.4049i	0.8341-0.1978i
10.1	0.5605-0.0131i	-0.9379+0.0110i	1.8009+0.5809i	0.5181+0.0108i	-0.9093+0.0106i	1.9288+0.3330i	0.8527-0.2396i
10.2	0.5813-0.0280i	-0.9446+0.0127i	1.7795+0.4799i	0.5491+0.0028i	-0.9167+0.0106i	1.9057+0.2450i	0.8536-0.2560i
10.3	0.5843-0.0358i	-0.9565-0.0022i	1.7129+0.3696i	0.5701-0.0029i	-0.9289-0.0047i	1.8561+0.1599i	0.8768-0.2633i
10.4	0.5760-0.0346i	-0.9708-0.0206i	1.6265+0.2837i	0.5815-0.0004i	-0.9411-0.0223i	1.7984+0.1028i	0.9164-0.2675i
10.5	0.5779-0.0286i	-1.0062-0.0352i	1.5500+0.2327i	0.5967-0.0013i	-0.9763-0.0379i	1.7527+0.0682i	0.9477-0.2793i
10.6	0.5853-0.0178i	-1.0548-0.0362i	1.4729+0.1926i	0.6136-0.0024i	-1.0243-0.0436i	1.7142+0.0363i	0.9875-0.3001i
10.7	0.5903-0.0095i	-1.1046-0.0328i	1.4134+0.1589i	0.6261-0.0025i	-1.0700-0.0398i	1.6898+0.0107i	1.0352-0.3112i
10.8	0.5981+0.0029i	-1.1467-0.0302i	1.3483+0.1498i	0.6409-0.0008i	-1.1125-0.0390i	1.6589+0.0040i	1.0703-0.3164i
10.9	0.6087+0.0130i	-1.1916-0.0203i	1.2955+0.1449i	0.6573+0.0002i	-1.1573-0.0327i	1.6448-0.0009i	1.1130-0.3217i
11.0	0.6294+0.0159i	-1.2454-0.0018i	1.2576+0.1351i	0.6822-0.0063i	-1.2116-0.0167i	1.6495-0.0087i	1.1816-0.3265i
11.1	0.6490+0.0149i	-1.3014+0.0086i	1.2285+0.1156i	0.7070-0.0127i	-1.2679-0.0051i	1.6671-0.0227i	1.2740-0.3186i
11.2	0.6631+0.0182i	-1.3490+0.0207i	1.2011+0.1175i	0.7259-0.0128i	-1.3151+0.0075i	1.6838-0.0237i	1.3557-0.3213i
11.3	0.6730+0.0242i	-1.4103+0.0398i	1.1467+0.1221i	0.7402-0.0162i	-1.3747+0.0265i	1.6894-0.0318i	1.4599-0.3436i
11.4	0.6903+0.0300i	-1.4768+0.0573i	1.1117+0.1206i	0.7623-0.0197i	-1.4394+0.0442i	1.7009-0.0376i	1.5542-0.3594i
11.5	0.7059+0.0354i	-1.5528+0.0788i	1.0810+0.1206i	0.7856-0.0240i	-1.5148+0.0657i	1.7313-0.0398i	1.6773-0.3637i
11.6	0.7154+0.0404i	-1.6257+0.1115i	1.0425+0.1182i	0.8039-0.0285i	-1.5840+0.0955i	1.7602-0.0528i	1.8197-0.3859i
11.7	0.7394+0.0476i	-1.7083+0.1368i	1.0254+0.1316i	0.8325-0.0318i	-1.6629+0.1203i	1.8133-0.0511i	1.9688-0.4112i
11.8	0.7508+0.0589i	-1.8077+0.1700i	0.9994+0.1377i	0.8599-0.0356i	-1.7564+0.1502i	1.8715-0.0544i	2.1598-0.4404i
11.9	0.7717+0.0627i	-1.9130+0.2412i	0.9718+0.1388i	0.8931-0.0524i	-1.8572+0.2137i	1.9411-0.0843i	2.3678-0.5228i

12.0	0.7960+0.0711i	-2.0267+0.3085i	0.9323+0.1417i	0.9286-0.0636i	-1.9672+0.2758i	2.0081-0.1182i	2.5888-0.6120i
12.1	0.8150+0.0925i	-2.1540+0.3698i	0.8892+0.1674i	0.9642-0.0693i	-2.0872+0.3327i	2.0856-0.1333i	2.8461-0.7007i
12.2	0.8579+0.1048i	-2.3198+0.4798i	0.8664+0.1629i	1.0257-0.0976i	-2.2467+0.4342i	2.2000-0.1952i	3.1501-0.8610i
12.3	0.8863+0.1246i	-2.5200+0.5905i	0.7998+0.1585i	1.0773-0.1302i	-2.4383+0.5377i	2.3078-0.2503i	3.5246-1.0193i
12.4	0.9105+0.1591i	-2.6710+0.8073i	0.6909+0.2087i	1.0992-0.1755i	-2.5832+0.7363i	2.3813-0.3311i	3.8649-1.3619i
12.5	0.9808+0.2035i	-2.7786+1.0752i	0.6327+0.3169i	1.1306-0.2134i	-2.6895+0.9777i	2.4779-0.4178i	4.1335-1.8160i
12.6	1.0642+0.2848i	-2.9628+1.4109i	0.5143+0.4384i	1.1654-0.2644i	-2.8729+1.2792i	2.6030-0.5068i	4.5726-2.3284i
12.7	1.1566+0.3354i	-3.0122+1.6844i	0.4576+0.5554i	1.1782-0.3063i	-2.9329+1.5317i	2.7030-0.5828i	4.7897-2.7838i
12.8	1.3843+0.3988i	-3.0198+2.1533i	0.4039+0.8506i	1.1989-0.3393i	-2.9746+1.9644i	2.8915-0.6865i	5.0589-3.6124i
12.9	1.5720+0.3587i	-2.9584+2.4446i	0.4468+1.0331i	1.2217-0.3667i	-2.9482+2.2469i	3.0407-0.8522i	5.1286-4.2400i
13.0	1.8611+0.2627i	-2.9945+2.8614i	0.4181+1.3828i	1.2611-0.3882i	-3.0307+2.6627i	3.3098-1.1108i	5.4836-5.2595i
13.1	2.0073+0.1912i	-3.0477+3.2329i	0.3894+1.7503i	1.2729-0.3725i	-3.1027+3.0308i	3.4748-1.2964i	5.7419-6.1611i
13.2	2.2529-0.0026i	-3.1203+3.9611i	0.5036+2.3799i	1.3475-0.3781i	-3.2109+3.7662i	3.7705-1.7623i	5.9930-7.9537i
13.3	2.5177-0.1991i	-3.0776+5.0382i	0.8694+3.3030i	1.4660-0.3690i	-3.2045+4.8389i	4.0576-2.3552i	5.8774-10.4563i
13.4	2.7011-0.5476i	-1.8491+6.3522i	2.3207+4.2147i	1.6602-0.3511i	-2.0176+6.1800i	3.8471-3.2093i	3.1886-13.3346i
13.5	2.8721-0.8465i	-0.2092+6.7643i	4.2831+4.2338i	2.0065-0.3807i	-0.4078+6.6358i	3.5226-3.7238i	-0.4875-14.2855i
13.6	3.0170-1.4754i	1.8560+6.3654i	6.5400+2.8146i	2.4671-0.8141i	1.6380+6.3009i	2.9471-4.4363i	-5.0887-13.3047i
13.7	3.2089-2.1507i	3.1163+5.1531i	7.9830+0.5110i	2.9332-1.4922i	2.8901+5.1500i	2.6587-4.9260i	-7.8051-10.5979i
13.8	3.2515-2.6972i	3.4051+4.0909i	8.2240-1.3732i	3.1156-2.1286i	3.1817+4.1211i	2.5436-5.2274i	-8.3374-8.2963i
13.9	3.0391-3.6216i	3.4313+3.1693i	7.7366-3.6735i	2.9894-3.1550i	3.2193+3.2444i	2.1593-5.9957i	-8.2992-6.2369i
14.0	1.9814-4.4496i	3.2482+2.4260i	5.7135-5.5252i	1.9875-4.0816i	3.0810+2.5362i	0.8414-6.6370i	-7.7196-4.6110i
14.1	0.8124-4.8373i	3.0846+1.9167i	3.5912-6.4282i	0.8364-4.5389i	2.9694+2.0466i	-0.5630-6.8264i	-7.1913-3.5770i
14.2	-0.4454-4.5966i	2.9068+1.4542i	1.4506-6.2260i	-0.4059-4.3409i	2.8420+1.5874i	-2.0336-6.2787i	-6.7172-2.7711i
14.3	-1.4030-3.7789i	2.6898+1.0427i	-0.1166-5.0857i	-1.3538-3.5651i	2.6672+1.1586i	-3.0635-5.0523i	-6.2608-2.0960i
14.4	-1.7977-2.9037i	2.4331+0.7226i	-0.8013-3.8938i	-1.7509-2.7269i	2.4336+0.8197i	-3.4024-3.8425i	-5.7921-1.5479i
14.5	-1.8774-2.0222i	2.1344+0.5061i	-1.0040-2.6913i	-1.8377-1.8886i	2.1464+0.5749i	-3.3295-2.6787i	-5.2678-1.1583i
14.6	-1.7904-1.6979i	1.9443+0.4292i	-0.9416-2.2888i	-1.7581-1.5792i	1.9614+0.4833i	-3.1375-2.2625i	-4.9483-1.0096i
14.7	-1.6628-1.3567i	1.7455+0.3616i	-0.8372-1.8959i	-1.6358-1.2509i	1.7664+0.3993i	-2.8988-1.8253i	-4.6223-0.8297i
14.8	-1.5268-1.0680i	1.5926+0.3136i	-0.7806-1.6030i	-1.5023-0.9734i	1.6110+0.3377i	-2.6681-1.4939i	-4.2939-0.6867i
14.9	-1.3240-0.8671i	1.4720+0.2905i	-0.6811-1.3505i	-1.3047-0.7840i	1.4847+0.3061i	-2.4038-1.2743i	-4.0098-0.6429i
15.0	-1.2285-0.7535i	1.3850+0.2489i	-0.6572-1.1767i	-1.2141-0.6766i	1.3955+0.2588i	-2.2863-1.1341i	-3.8562-0.5983i
15.1	-1.1267-0.6495i	1.2983+0.2042i	-0.5825-0.9991i	-1.1172-0.5727i	1.3054+0.2077i	-2.1379-0.9962i	-3.6827-0.5345i
15.2	-0.9798-0.5600i	1.2032+0.1816i	-0.4295-0.8326i	-0.9745-0.4905i	1.2061+0.1831i	-1.9389-0.8575i	-3.4969-0.4864i
15.3	-0.9003-0.5014i	1.1326+0.1650i	-0.3441-0.7417i	-0.8974-0.4370i	1.1344+0.1643i	-1.8254-0.7746i	-3.3783-0.4530i
15.4	-0.8263-0.4449i	1.0552+0.1427i	-0.2755-0.6581i	-0.8236-0.3853i	1.0546+0.1390i	-1.7283-0.6927i	-3.2594-0.4102i
15.5	-0.7643-0.3990i	0.9883+0.1234i	-0.2239-0.5920i	-0.7604-0.3448i	0.9847+0.1173i	-1.6547-0.6246i	-3.1607-0.3702i
15.6	-0.7129-0.3743i	0.9302+0.1214i	-0.1686-0.5458i	-0.7106-0.3247i	0.9253+0.1151i	-1.5872-0.5717i	-3.0726-0.3481i
15.7	-0.6742-0.3522i	0.8904+0.1176i	-0.1211-0.5078i	-0.6736-0.3044i	0.8848+0.1107i	-1.5358-0.5196i	-3.0162-0.3219i
15.8	-0.5981-0.3048i	0.8253+0.1085i	-0.0371-0.4497i	-0.5994-0.2619i	0.8180+0.1013i	-1.4344-0.4351i	-2.9098-0.2640i
15.9	-0.5424-0.2805i	0.7796+0.0994i	0.0322-0.4323i	-0.5469-0.2407i	0.7703+0.0905i	-1.3564-0.3848i	-2.8348-0.2185i
16.0	-0.5122-0.2744i	0.7503+0.1007i	0.0730-0.4313i	-0.5192-0.2348i	0.7402+0.0921i	-1.3147-0.3597i	-2.7934-0.1940i
16.1	-0.4739-0.2516i	0.7144+0.0941i	0.1255-0.4241i	-0.4830-0.2143i	0.7032+0.0860i	-1.2518-0.3012i	-2.7275-0.1382i
16.2	-0.4437-0.2230i	0.6780+0.0863i	0.1512-0.4261i	-0.4523-0.1863i	0.6663+0.0786i	-1.2116-0.2411i	-2.6701-0.0678i
16.3	-0.3964-0.2154i	0.6480+0.0887i	0.1875-0.4480i	-0.4062-0.1801i	0.6354+0.0813i	-1.1493-0.1839i	-2.6036+0.0030i
16.4	-0.3571-0.2066i	0.6170+0.0867i	0.2066-0.4677i	-0.3650-0.1737i	0.6026+0.0785i	-1.0930-0.1312i	-2.5347+0.0724i
16.5	-0.3245-0.2152i	0.5895+0.0863i	0.2040-0.5050i	-0.3329-0.1833i	0.5747+0.0793i	-0.9986-0.0988i	-2.4147+0.1299i
16.6	-0.3068-0.2234i	0.5649+0.0840i	0.1729-0.5363i	-0.3156-0.1918i	0.5495+0.0755i	-0.8931-0.0801i	-2.2748+0.1750i
16.7	-0.2995-0.2146i	0.5400+0.0803i	0.1253-0.5236i	-0.3071-0.1856i	0.5243+0.0722i	-0.8248-0.0966i	-2.1555+0.1641i
16.8	-0.2832-0.1965i	0.5155+0.0767i	0.0923-0.4698i	-0.2904-0.1705i	0.5008+0.0687i	-0.7842-0.1142i	-2.0681+0.1226i
16.9	-0.2564-0.1878i	0.4946+0.0797i	0.1327-0.4314i	-0.2642-0.1610i	0.4804+0.0694i	-0.7738-0.1103i	-2.0647+0.1038i
17.0	-0.2234-0.1940i	0.4772+0.0867i	0.1737-0.4343i	-0.2323-0.1704i	0.4606+0.0772i	-0.7032-0.0902i	-2.0044+0.1248i
17.1	-0.2075-0.2054i	0.4534+0.0891i	0.1622-0.4259i	-0.2171-0.1850i	0.4368+0.0789i	-0.6328-0.1189i	-1.9133+0.1010i
17.2	-0.1979-0.1905i	0.4323+0.0933i	0.1628-0.3684i	-0.2084-0.1738i	0.4162+0.0827i	-0.5967-0.1583i	-1.8662+0.0397i
17.3	-0.1719-0.1976i	0.4223+0.1056i	0.2304-0.3903i	-0.1860-0.1817i	0.4048+0.0961i	-0.5896-0.1874i	-1.8900+0.0481i
17.4	-0.1609-0.2227i	0.4184+0.1105i	0.2515-0.4521i	-0.1759-0.2051i	0.3994+0.1014i	-0.5886-0.2118i	-1.8709+0.0867i
17.5	-0.1683-0.2288i	0.4143+0.1084i	0.2307-0.4896i	-0.1825-0.2105i	0.3945+0.0975i	-0.6096-0.2120i	-1.8464+0.1334i
17.6	-0.1784-0.2255i	0.4127+0.1098i	0.2021-0.5079i	-0.1932-0.2070i	0.3900+0.0998i	-0.6323-0.1880i	-1.8316+0.1871i
17.7	-0.1806-0.2209i	0.4075+0.1068i	0.1778-0.5286i	-0.1975-0.2019i	0.3853+0.0996i	-0.6286-0.1628i	-1.7753+0.2461i
17.8	-0.1797-0.2105i	0.4060+0.0947i	0.1328-0.5609i	-0.1977-0.1919i	0.3831+0.0893i	-0.6051-0.1372i	-1.6749+0.3134i
17.9	-0.1862-0.2041i	0.4025+0.0854i	0.0518-0.5615i	-0.2013-0.1845i	0.3794+0.0817i	-0.5840-0.1190i	-1.5538+0.3341i
18.0	-0.1795-0.1891i	0.3939+0.0735i	-0.0019-0.5052i	-0.1923-0.1712i	0.3714+0.0718i	-0.5649-0.1101i	-1.4482+0.2847i
18.1	-0.1701-0.1774i	0.3822+0.0717i	-0.0031-0.4407i	-0.1841-0.1623i	0.3595+0.0708i	-0.5485-0.1014i	-1.4039+0.2213i
18.2	-0.1655-0.1733i	0.3743+0.0633i	-0.0078-0.4149i	-0.1813-0.1568i	0.3524+0.0627i	-0.5375-0.0899i	-1.3669+0.1992i

18.3	-0.1600-0.1631i	0.3613+0.0493i	-0.0079-0.3912i	-0.1770-0.1456i	0.3411+0.0499i	-0.5128-0.0821i	-1.3288+0.1847i
18.4	-0.1600-0.1517i	0.3472+0.0368i	-0.0160-0.3710i	-0.1743-0.1356i	0.3274+0.0380i	-0.4977-0.0799i	-1.2931+0.1680i
18.5	-0.1644-0.1486i	0.3382+0.0325i	-0.0197-0.3652i	-0.1782-0.1324i	0.3206+0.0354i	-0.4994-0.0732i	-1.2951+0.1583i
18.6	-0.1646-0.1428i	0.3198+0.0242i	-0.0464-0.3736i	-0.1790-0.1242i	0.3033+0.0265i	-0.4962-0.0640i	-1.2597+0.1768i
18.7	-0.1521-0.1176i	0.2966+0.0262i	-0.0717-0.3094i	-0.1654-0.1024i	0.2818+0.0266i	-0.4645-0.0234i	-1.1798+0.1616i
18.8	-0.1359-0.1151i	0.2857+0.0298i	-0.0612-0.2706i	-0.1488-0.1009i	0.2703+0.0305i	-0.4256-0.0248i	-1.1318+0.1201i
18.9	-0.1247-0.1105i	0.2745+0.0299i	-0.0581-0.2536i	-0.1352-0.0976i	0.2597+0.0309i	-0.4038-0.0344i	-1.0965+0.1057i
19.0	-0.1198-0.1051i	0.2629+0.0216i	-0.0594-0.2287i	-0.1292-0.0932i	0.2501+0.0220i	-0.3845-0.0367i	-1.0677+0.0853i
19.1	-0.1172-0.0981i	0.2514+0.0189i	-0.0554-0.2061i	-0.1282-0.0866i	0.2386+0.0188i	-0.3785-0.0379i	-1.0553+0.0684i
19.2	-0.1030-0.0959i	0.2373+0.0208i	-0.0354-0.1881i	-0.1167-0.0858i	0.2232+0.0220i	-0.3597-0.0455i	-1.0312+0.0405i
19.3	-0.0915-0.0926i	0.2300+0.0224i	-0.0284-0.1704i	-0.1032-0.0858i	0.2162+0.0241i	-0.3514-0.0468i	-1.0122+0.0203i
19.4	-0.0832-0.0888i	0.2185+0.0222i	-0.0224-0.1570i	-0.0943-0.0814i	0.2044+0.0225i	-0.3428-0.0431i	-0.9934+0.0159i
19.5	-0.0813-0.0902i	0.2097+0.0147i	-0.0060-0.1506i	-0.0948-0.0795i	0.1969+0.0132i	-0.3367-0.0436i	-0.9984+0.0253i
19.6	-0.0788-0.0850i	0.2002+0.0138i	-0.0053-0.1445i	-0.0909-0.0752i	0.1877+0.0129i	-0.3279-0.0416i	-0.9828+0.0264i
19.7	-0.0750-0.0801i	0.1969+0.0127i	-0.0038-0.1363i	-0.0878-0.0726i	0.1825+0.0131i	-0.3215-0.0419i	-0.9715+0.0213i
19.8	-0.0694-0.0764i	0.1802+0.0117i	0.0013-0.1245i	-0.0824-0.0686i	0.1683+0.0110i	-0.3122-0.0399i	-0.9432+0.0133i
19.9	-0.0646-0.0724i	0.1679+0.0153i	0.0026-0.1128i	-0.0771-0.0651i	0.1559+0.0137i	-0.3022-0.0331i	-0.9212+0.0048i
20.0	-0.0602-0.0628i	0.1548+0.0059i	0.0011-0.0952i	-0.0722-0.0561i	0.1453+0.0055i	-0.2941-0.0232i	-0.8847+0.0018i
20.1	-0.0539-0.0558i	0.1419+0.0023i	0.0082-0.0898i	-0.0651-0.0496i	0.1336+0.0009i	-0.2761-0.0195i	-0.8481+0.0106i
20.2	-0.0508-0.0513i	0.1339+0.0089i	0.0143-0.0836i	-0.0630-0.0459i	0.1257+0.0074i	-0.2651-0.0216i	-0.8360+0.0012i
20.3	-0.0466-0.0486i	0.1215+0.0158i	0.0219-0.0782i	-0.0573-0.0438i	0.1144+0.0132i	-0.2588-0.0238i	-0.8258-0.0078i
20.4	-0.0386-0.0471i	0.1020+0.0152i	0.0303-0.0725i	-0.0487-0.0422i	0.0964+0.0141i	-0.2479-0.0293i	-0.7907-0.0239i
20.5	-0.0370-0.0465i	0.1032+0.0273i	0.0278-0.0653i	-0.0472-0.0433i	0.0976+0.0252i	-0.2482-0.0338i	-0.7855-0.0477i
20.6	-0.0297-0.0401i	0.0682+0.0264i	0.0245-0.0592i	-0.0395-0.0364i	0.0635+0.0235i	-0.2328-0.0283i	-0.7365-0.0454i
20.7	-0.0240-0.0320i	0.0483+0.0296i	0.0351-0.0440i	-0.0324-0.0283i	0.0455+0.0273i	-0.2229-0.0241i	-0.7118-0.0532i
20.8	-0.0188-0.0304i	0.0376+0.0366i	0.0395-0.0403i	-0.0267-0.0294i	0.0350+0.0329i	-0.2133-0.0253i	-0.6909-0.0657i
20.9	-0.0094-0.0282i	0.0262+0.0581i	0.0430-0.0375i	-0.0161-0.0289i	0.0251+0.0511i	-0.2011-0.0283i	-0.6639-0.0918i
21.0	-0.0093-0.0213i	0.0047+0.0715i	0.0418-0.0334i	-0.0155-0.0208i	0.0057+0.0636i	-0.1958-0.0204i	-0.6311-0.0966i
21.1	-0.0042-0.0152i	-0.0201+0.0826i	0.0396-0.0247i	-0.0104-0.0161i	-0.0165+0.0737i	-0.1879-0.0167i	-0.5996-0.1067i
21.2	0.0062-0.0079i	-0.0242+0.1436i	0.0487-0.0090i	-0.0010-0.0134i	-0.0207+0.1264i	-0.1738-0.0205i	-0.5867-0.1747i
21.3	0.0129-0.0073i	0.0192+0.1619i	0.0575-0.0025i	0.0049-0.0128i	0.0175+0.1419i	-0.1690-0.0252i	-0.6264-0.1999i
21.4	0.0161+0.0026i	0.0122+0.1654i	0.0609+0.0026i	0.0091-0.0034i	0.0119+0.1453i	-0.1583-0.0196i	-0.6031-0.1883i
21.5	0.0221+0.0071i	-0.0104+0.1749i	0.0625+0.0097i	0.0148-0.0003i	-0.0103+0.1545i	-0.1460-0.0170i	-0.5682-0.1964i
21.6	0.0304+0.0127i	-0.0177+0.2031i	0.0680+0.0089i	0.0245+0.0048i	-0.0177+0.1788i	-0.1266-0.0240i	-0.5401-0.2169i
21.7	0.0382+0.0075i	-0.0011+0.2072i	0.0717+0.0097i	0.0318+0.0014i	-0.0045+0.1815i	-0.1242-0.0334i	-0.5448-0.2351i
21.8	0.0455+0.0100i	0.0269+0.2080i	0.0738+0.0085i	0.0374+0.0043i	0.0187+0.1833i	-0.1253-0.0320i	-0.5617-0.2274i
21.9	0.0594+0.0178i	0.0517+0.2541i	0.0796+0.0122i	0.0524+0.0108i	0.0410+0.2235i	-0.1128-0.0393i	-0.5466-0.2652i
22.0	0.0633+0.0207i	0.0447+0.2409i	0.0849+0.0190i	0.0543+0.0125i	0.0354+0.2112i	-0.1051-0.0369i	-0.5323-0.2491i
22.1	0.0764+0.0253i	0.0541+0.2441i	0.0940+0.0162i	0.0651+0.0145i	0.0418+0.2155i	-0.0904-0.0409i	-0.5141-0.2428i
22.2	0.0806+0.0191i	0.0832+0.2726i	0.0895+0.0218i	0.0723+0.0112i	0.0689+0.2440i	-0.0965-0.0552i	-0.5135-0.2911i
22.3	0.0856+0.0220i	0.0865+0.2665i	0.0886+0.0403i	0.0782+0.0116i	0.0727+0.2382i	-0.0946-0.0497i	-0.4986-0.3015i
22.4	0.0866+0.0235i	0.0620+0.2250i	0.0836+0.0277i	0.0812+0.0130i	0.0505+0.1993i	-0.0847-0.0478i	-0.4572-0.2596i
22.5	0.0923+0.0264i	0.0637+0.2345i	0.0920+0.0307i	0.0871+0.0134i	0.0506+0.2093i	-0.0822-0.0503i	-0.4505-0.2740i
22.6	0.1006+0.0272i	0.0788+0.2653i	0.0868+0.0331i	0.0965+0.0133i	0.0649+0.2376i	-0.0761-0.0572i	-0.4237-0.3149i
22.7	0.1050+0.0286i	0.0853+0.2450i	0.0857+0.0336i	0.1031+0.0141i	0.0740+0.2176i	-0.0743-0.0491i	-0.4027-0.3019i
22.8	0.1119+0.0295i	0.0750+0.2350i	0.0930+0.0388i	0.1149+0.0148i	0.0658+0.2063i	-0.0627-0.0527i	-0.3708-0.3144i
22.9	0.1128+0.0294i	0.0899+0.2359i	0.0902+0.0254i	0.1203+0.0111i	0.0804+0.2049i	-0.0637-0.0534i	-0.3479-0.3235i
23.0	0.1135+0.0342i	0.0902+0.2676i	0.0817+0.0240i	0.1253+0.0065i	0.0806+0.2329i	-0.0610-0.0583i	-0.3143-0.3769i
23.1	0.1205+0.0470i	0.0667+0.2796i	0.0785+0.0493i	0.1310+0.0067i	0.0584+0.2420i	-0.0500-0.0624i	-0.2848-0.4572i
23.2	0.1257+0.0572i	0.0709+0.2942i	0.0786+0.0590i	0.1351+0.0061i	0.0611+0.2497i	-0.0476-0.0643i	-0.2804-0.5162i
23.3	0.1405+0.0604i	0.0863+0.3244i	0.0942+0.0597i	0.1422+0.0025i	0.0712+0.2750i	-0.0438-0.0682i	-0.3281-0.5694i
23.4	0.1660+0.0725i	0.1225+0.3490i	0.1064+0.0529i	0.1532+0.0091i	0.1001+0.2927i	-0.0402-0.0654i	-0.3928-0.5950i
23.5	0.1878+0.0662i	0.1671+0.3741i	0.1195+0.0401i	0.1601+0.0071i	0.1368+0.3155i	-0.0323-0.0693i	-0.4652-0.6083i
23.6	0.1961+0.0579i	0.2154+0.3744i	0.1072+0.0225i	0.1574+0.0016i	0.1732+0.3181i	-0.0355-0.0714i	-0.5423-0.5806i
23.7	0.2091+0.0486i	0.2683+0.3684i	0.1024+0.0009i	0.1650+0.0076i	0.2205+0.3133i	-0.0322-0.0641i	-0.5912-0.5066i
23.8	0.2247+0.0425i	0.2941+0.3562i	0.1026-0.0016i	0.1781+0.0089i	0.2400+0.3053i	-0.0187-0.0621i	-0.5803-0.4562i
23.9	0.2302+0.0344i	0.3080+0.3084i	0.0828+0.0043i	0.1813+0.0071i	0.2504+0.2672i	-0.0108-0.0644i	-0.5597-0.3977i
24.0	0.2380+0.0270i	0.3121+0.2442i	0.0638+0.0089i	0.1909+0.0033i	0.2533+0.2141i	-0.0003-0.0663i	-0.5110-0.3488i
24.1	0.2468+0.0249i	0.3281+0.2436i	0.0548+0.0057i	0.2005+0.0050i	0.2668+0.2125i	0.0108-0.0635i	-0.4692-0.3272i
24.2	0.2445+0.0201i	0.3576+0.1996i	0.0210+0.0044i	0.2060+0.0029i	0.2930+0.1721i	0.0267-0.0608i	-0.4111-0.2990i
24.3	0.2514+0.0166i	0.3553+0.1753i	0.0079+0.0087i	0.2152+0.0029i	0.2914+0.1529i	0.0368-0.0645i	-0.3687-0.2850i
24.4	0.2521+0.0122i	0.3332+0.1670i	0.0026+0.0130i	0.2209+0.0001i	0.2721+0.1469i	0.0435-0.0690i	-0.3209-0.2889i
24.5	0.2560+0.0094i	0.3188+0.1511i	-0.0077+0.0212i	0.2281-0.0015i	0.2591+0.1324i	0.0543-0.0671i	-0.2730-0.2778i

24.6	0.2619+0.0061i	0.3272+0.1491i	-0.0195+0.0300i	0.2353-0.0071i	0.2679+0.1318i	0.0632-0.0750i	-0.2398-0.2906i
24.7	0.2663-0.0009i	0.2890+0.1397i	-0.0265+0.0468i	0.2425-0.0153i	0.2346+0.1257i	0.0704-0.0930i	-0.1850-0.3212i
24.8	0.2692+0.0022i	0.2551+0.1121i	-0.0444+0.0695i	0.2457-0.0114i	0.2017+0.1002i	0.0801-0.0991i	-0.1296-0.3343i
24.9	0.2773+0.0033i	0.2643+0.0843i	-0.0638+0.0707i	0.2545-0.0101i	0.2118+0.0758i	0.1001-0.1001i	-0.0657-0.3295i
25.0	0.2780-0.0021i	0.2776+0.0849i	-0.0777+0.0633i	0.2576-0.0139i	0.2228+0.0765i	0.1059-0.1004i	-0.0297-0.3273i
25.1	0.2784-0.0010i	0.2641+0.0665i	-0.0898+0.0851i	0.2608-0.0151i	0.2113+0.0584i	0.1075-0.1098i	-0.0003-0.3562i
25.2	0.2809+0.0011i	0.2663+0.0757i	-0.1049+0.0968i	0.2668-0.0143i	0.2125+0.0681i	0.1206-0.1107i	0.0445-0.3618i
25.3	0.2840-0.0023i	0.2415+0.0835i	-0.1325+0.1117i	0.2709-0.0172i	0.1919+0.0761i	0.1335-0.1173i	0.1229-0.3920i
25.4	0.2891-0.0024i	0.2439+0.0703i	-0.1520+0.1307i	0.2770-0.0173i	0.1968+0.0641i	0.1479-0.1329i	0.1820-0.4313i
25.5	0.2923+0.0012i	0.2380+0.0675i	-0.1672+0.1525i	0.2839-0.0161i	0.1877+0.0607i	0.1563-0.1388i	0.2236-0.4629i
25.6	0.2968+0.0064i	0.2326+0.0787i	-0.1687+0.1916i	0.2903-0.0117i	0.1818+0.0713i	0.1627-0.1428i	0.2505-0.5143i
25.7	0.3021+0.0098i	0.2233+0.0738i	-0.1875+0.2084i	0.2981-0.0105i	0.1730+0.0670i	0.1738-0.1457i	0.3086-0.5361i
25.8	0.3121+0.0091i	0.2159+0.0604i	-0.2101+0.2185i	0.3098-0.0148i	0.1653+0.0550i	0.1931-0.1513i	0.3850-0.5531i
25.9	0.3167+0.0054i	0.2106+0.0511i	-0.2299+0.2432i	0.3185-0.0217i	0.1609+0.0469i	0.2110-0.1696i	0.4460-0.6051i
26.0	0.3268+0.0009i	0.2111+0.0547i	-0.2447+0.2749i	0.3332-0.0258i	0.1632+0.0498i	0.2327-0.1832i	0.5156-0.6654i
26.1	0.3325+0.0036i	0.2077+0.0656i	-0.2525+0.3218i	0.3400-0.0255i	0.1592+0.0603i	0.2426-0.1988i	0.5581-0.7505i
26.2	0.3407-0.0006i	0.2021+0.0714i	-0.2556+0.3755i	0.3473-0.0341i	0.1523+0.0638i	0.2596-0.2260i	0.6043-0.8626i
26.3	0.3457-0.0001i	0.1899+0.0737i	-0.2690+0.4293i	0.3504-0.0386i	0.1410+0.0661i	0.2776-0.2468i	0.6682-0.9649i
26.4	0.3471+0.0058i	0.1752+0.0721i	-0.2747+0.4843i	0.3524-0.0361i	0.1274+0.0666i	0.2954-0.2739i	0.7363-1.0785i
26.5	0.3535+0.0119i	0.1891+0.0750i	-0.2621+0.5303i	0.3618-0.0343i	0.1394+0.0690i	0.3149-0.2986i	0.7661-1.1725i
26.6	0.3641+0.0151i	0.1924+0.0823i	-0.2438+0.5621i	0.3721-0.0317i	0.1445+0.0744i	0.3380-0.3241i	0.8056-1.2630i
26.7	0.3729+0.0141i	0.1888+0.0767i	-0.2165+0.5843i	0.3783-0.0332i	0.1405+0.0689i	0.3470-0.3621i	0.8182-1.3683i
26.8	0.3784+0.0148i	0.1862+0.0756i	-0.1934+0.6135i	0.3831-0.0326i	0.1383+0.0688i	0.3412-0.3964i	0.7866-1.4866i
26.9	0.3848+0.0177i	0.1741+0.0802i	-0.1998+0.6622i	0.3887-0.0308i	0.1270+0.0702i	0.3516-0.4445i	0.8173-1.6509i
27.0	0.3962+0.0161i	0.1671+0.0790i	-0.1957+0.7179i	0.4001-0.0348i	0.1208+0.0678i	0.3608-0.5215i	0.8316-1.8624i
27.1	0.4011+0.0248i	0.1598+0.0864i	-0.1692+0.7875i	0.4051-0.0312i	0.1152+0.0763i	0.3387-0.5960i	0.7551-2.0889i
27.2	0.4104+0.0339i	0.1621+0.1051i	-0.1322+0.8747i	0.4176-0.0322i	0.1161+0.0911i	0.3152-0.6669i	0.6568-2.3330i
27.3	0.4285+0.0441i	0.1695+0.1195i	-0.0559+0.9470i	0.4333-0.0239i	0.1207+0.1004i	0.2449-0.7361i	0.4450-2.5422i
27.4	0.4509+0.0531i	0.1809+0.1351i	0.0417+0.9878i	0.4474-0.0164i	0.1308+0.1131i	0.1737-0.7745i	0.2011-2.6541i
27.5	0.4697+0.0501i	0.1975+0.1503i	0.1677+1.0204i	0.4612-0.0232i	0.1453+0.1261i	0.0871-0.8125i	-0.1256-2.7615i
27.6	0.4897+0.0597i	0.2204+0.1591i	0.2550+1.0195i	0.4779-0.0139i	0.1633+0.1325i	0.0051-0.8215i	-0.3857-2.7621i
27.7	0.5264+0.0626i	0.2362+0.1590i	0.3417+0.9838i	0.5093-0.0046i	0.1726+0.1303i	-0.0681-0.7878i	-0.6084-2.6460i
27.8	0.5590+0.0601i	0.2527+0.1552i	0.4308+0.9406i	0.5387-0.0031i	0.1844+0.1277i	-0.1392-0.7379i	-0.8402-2.4951i
27.9	0.5755+0.0353i	0.2731+0.1370i	0.5067+0.8382i	0.5537-0.0194i	0.2006+0.1155i	-0.1995-0.6739i	-1.0314-2.2445i
28.0	0.5938+0.0187i	0.2826+0.1283i	0.5344+0.7357i	0.5719-0.0248i	0.2061+0.1089i	-0.2323-0.6085i	-1.1053-2.0005i
28.1	0.6211+0.0028i	0.2956+0.1201i	0.5448+0.6804i	0.6039-0.0394i	0.2155+0.1047i	-0.2345-0.5607i	-1.1249-1.8526i
28.2	0.6410-0.0125i	0.3046+0.1107i	0.5509+0.6427i	0.6284-0.0503i	0.2202+0.0975i	-0.2388-0.5298i	-1.1380-1.7508i
28.3	0.6573-0.0356i	0.3140+0.1012i	0.5483+0.5832i	0.6535-0.0685i	0.2287+0.0904i	-0.2438-0.4818i	-1.1299-1.5936i
28.4	0.6569-0.0528i	0.3172+0.0881i	0.5231+0.5306i	0.6637-0.0845i	0.2310+0.0799i	-0.2326-0.4461i	-1.0675-1.4571i
28.5	0.6678-0.0817i	0.3279+0.0713i	0.5103+0.4825i	0.6826-0.1141i	0.2427+0.0673i	-0.2243-0.4160i	-1.0266-1.3267i
28.6	0.6811-0.0920i	0.3385+0.0631i	0.4906+0.4585i	0.7045-0.1221i	0.2482+0.0611i	-0.2262-0.3926i	-1.0002-1.2556i
28.7	0.6867-0.1007i	0.3372+0.0457i	0.4625+0.4327i	0.7185-0.1310i	0.2461+0.0476i	-0.2114-0.3746i	-0.9134-1.1910i
28.8	0.7060-0.1055i	0.3405+0.0430i	0.4305+0.4154i	0.7455-0.1381i	0.2468+0.0477i	-0.1951-0.3518i	-0.8341-1.1394i
28.9	0.7240-0.1275i	0.3480+0.0415i	0.3869+0.3983i	0.7752-0.1580i	0.2539+0.0460i	-0.1622-0.3328i	-0.7256-1.0881i
29.0	0.7244-0.1473i	0.3541+0.0279i	0.3542+0.3777i	0.7857-0.1836i	0.2571+0.0316i	-0.1434-0.3196i	-0.6493-1.0430i
29.1	0.7284-0.1581i	0.3549+0.0136i	0.3248+0.3616i	0.7996-0.2006i	0.2597+0.0211i	-0.1296-0.3047i	-0.5626-0.9993i
29.2	0.7367-0.1703i	0.3572+0.0071i	0.2969+0.3695i	0.8175-0.2166i	0.2634+0.0183i	-0.1071-0.2978i	-0.4734-0.9821i
29.3	0.7491-0.1894i	0.3658+0.0049i	0.2567+0.3695i	0.8460-0.2423i	0.2708+0.0185i	-0.0746-0.2896i	-0.3793-0.9519i
29.4	0.7574-0.1895i	0.3658+0.0039i	0.2006+0.3732i	0.8687-0.2434i	0.2676+0.0165i	-0.0399-0.2716i	-0.2631-0.9378i
29.5	0.7726-0.2109i	0.3652-0.0184i	0.1763+0.3840i	0.8910-0.2718i	0.2683-0.0015i	-0.0247-0.2685i	-0.1764-0.9419i
29.6	0.7884-0.2338i	0.3786-0.0309i	0.1545+0.3943i	0.9175-0.3008i	0.2787-0.0105i	-0.0086-0.2700i	-0.0996-0.9482i
29.7	0.7955-0.2356i	0.3809-0.0358i	0.1010+0.4104i	0.9423-0.3102i	0.2808-0.0163i	0.0219-0.2633i	0.0134-0.9761i
29.8	0.7888-0.2552i	0.3890-0.0448i	0.0631+0.4296i	0.9522-0.3464i	0.2910-0.0253i	0.0567-0.2746i	0.1219-0.9983i
29.9	0.8023-0.2760i	0.3928-0.0588i	0.0458+0.4608i	0.9744-0.3830i	0.2943-0.0360i	0.0838-0.2804i	0.1966-1.0262i
30.0	0.8036-0.2988i	0.3971-0.0700i	0.0115+0.4973i	0.9889-0.4248i	0.2970-0.0390i	0.1124-0.2966i	0.2888-1.1037i
30.1	0.8175-0.3244i	0.4173-0.0826i	-0.0303+0.5358i	1.0310-0.4681i	0.3162-0.0474i	0.1533-0.3179i	0.4337-1.1814i
30.2	0.8185-0.3534i	0.4367-0.0900i	-0.0706+0.5778i	1.0583-0.5167i	0.3359-0.0539i	0.2027-0.3350i	0.5622-1.2378i
30.3	0.8310-0.3487i	0.4280-0.1303i	-0.0856+0.6050i	1.0739-0.5386i	0.3260-0.0941i	0.2047-0.3356i	0.6484-1.3703i
30.4	0.8477-0.3684i	0.4363-0.1377i	-0.1355+0.6560i	1.1123-0.5839i	0.3327-0.1009i	0.2603-0.3527i	0.7663-1.4487i
30.5	0.8525-0.3766i	0.4623-0.1287i	-0.2070+0.7249i	1.1502-0.6144i	0.3562-0.0913i	0.3357-0.3889i	0.9323-1.5237i
30.6	0.8553-0.4138i	0.4735-0.1649i	-0.2452+0.8009i	1.1749-0.6870i	0.3675-0.1186i	0.3861-0.4274i	1.0503-1.6979i
30.7	0.8423-0.4290i	0.4767-0.1972i	-0.2706+0.8627i	1.1741-0.7430i	0.3709-0.1501i	0.4228-0.4630i	1.1272-1.8479i
30.8	0.8482-0.4282i	0.4974-0.2424i	-0.2884+0.9741i	1.1931-0.8040i	0.3894-0.1895i	0.4535-0.5373i	1.2385-2.0872i

30.9	0.8496-0.4521i	0.5024-0.2655i	-0.3065+1.0773i	1.2039-0.8708i	0.3968-0.2083i	0.4984-0.6014i	1.2936-2.2905i
31.0	0.8590-0.4599i	0.5052-0.3326i	-0.2750+1.1947i	1.1985-0.9527i	0.3965-0.2700i	0.5046-0.6948i	1.2941-2.5983i
31.1	0.8642-0.4660i	0.5200-0.3554i	-0.2967+1.3266i	1.2167-1.0183i	0.4134-0.2899i	0.5580-0.7911i	1.3889-2.8443i
31.2	0.8730-0.4514i	0.5100-0.4044i	-0.2718+1.4329i	1.2183-1.0720i	0.4083-0.3397i	0.5520-0.8712i	1.3792-3.1063i
31.3	0.9053-0.4469i	0.4820-0.4740i	-0.2210+1.5923i	1.2158-1.1621i	0.3811-0.4087i	0.5561-0.9893i	1.3014-3.4756i
31.4	0.9529-0.4313i	0.4942-0.5038i	-0.1934+1.7296i	1.2503-1.2024i	0.3906-0.4348i	0.5620-1.0950i	1.3101-3.7265i
31.5	0.9981-0.4342i	0.4629-0.5878i	-0.0837+1.9274i	1.2268-1.3341i	0.3551-0.5174i	0.5258-1.2642i	1.1404-4.2234i
31.6	1.0254-0.4346i	0.4298-0.6503i	0.0146+2.0254i	1.1891-1.4069i	0.3198-0.5812i	0.4781-1.3629i	0.9630-4.5364i
31.7	1.0873-0.4568i	0.3930-0.7147i	0.1662+2.1807i	1.1657-1.5252i	0.2783-0.6409i	0.3986-1.5146i	0.6793-4.9302i
31.8	1.2084-0.4474i	0.3794-0.7901i	0.2900+2.4234i	1.2316-1.6407i	0.2607-0.7115i	0.3579-1.7014i	0.5321-5.4218i
31.9	1.3308-0.4001i	0.3573-0.8527i	0.3843+2.5622i	1.2848-1.6869i	0.2268-0.7792i	0.3028-1.8147i	0.4014-5.7585i
32.0	1.4144-0.4912i	0.2214-0.9177i	0.7249+2.6714i	1.1303-1.8443i	0.0872-0.8372i	0.0715-1.9735i	-0.3834-6.1454i
32.1	1.4482-0.5930i	0.1192-0.9159i	0.9993+2.6560i	0.9859-1.9062i	-0.0129-0.8161i	-0.1278-2.0287i	-1.0018-6.1265i
32.2	1.5401-0.6643i	0.0487-0.9449i	1.2656+2.6664i	0.9461-2.0001i	-0.0829-0.8385i	-0.3217-2.0816i	-1.4835-6.2141i
32.3	1.6711-0.8290i	-0.0901-0.9597i	1.6656+2.6870i	0.8287-2.1364i	-0.2237-0.8322i	-0.6083-2.1537i	-2.3321-6.2758i
32.4	1.8368-1.1432i	-0.2784-0.9803i	2.2133+2.6585i	0.6542-2.3650i	-0.4165-0.8194i	-1.0096-2.2175i	-3.4829-6.3143i
32.5	1.8486-1.3828i	-0.3804-0.9304i	2.5209+2.4636i	0.4916-2.4292i	-0.5116-0.7454i	-1.2679-2.1282i	-4.1175-5.9297i
32.6	1.8191-1.7529i	-0.5227-0.8299i	2.9711+2.1365i	0.2664-2.5180i	-0.6297-0.6143i	-1.6383-1.9592i	-5.0271-5.3078i
32.7	1.6570-2.0057i	-0.6085-0.6906i	3.1595+1.6828i	0.0705-2.4711i	-0.6833-0.4619i	-1.8543-1.6681i	-5.4095-4.4709i
32.8	1.5683-2.3024i	-0.6671-0.5879i	3.3663+1.2700i	-0.0359-2.4909i	-0.7137-0.3467i	-2.0731-1.3866i	-5.7959-3.7827i
32.9	1.2861-2.4255i	-0.6688-0.4680i	3.2802+0.7752i	-0.1929-2.3875i	-0.6827-0.2365i	-2.1005-1.0104i	-5.7428-2.9120i
33.0	0.9863-2.6773i	-0.6884-0.3349i	3.2683+0.2529i	-0.3794-2.3808i	-0.6704-0.1063i	-2.1567-0.6125i	-5.8549-2.0120i
33.1	0.8573-3.0665i	-0.7201-0.2293i	3.3764-0.1257i	-0.4771-2.5488i	-0.6832+0.0100i	-2.2480-0.3250i	-6.1588-1.4308i
33.2	0.2152-3.2587i	-0.6469-0.0768i	3.0221-0.7287i	-0.7810-2.5172i	-0.5648+0.1454i	-2.0370+0.1421i	-5.7408-0.2670i
33.3	-0.3159-3.1670i	-0.5570-0.0087i	2.6083-1.0272i	-1.0480-2.4048i	-0.4512+0.1880i	-1.7582+0.3743i	-5.1427+0.4050i
33.4	-0.6958-2.9464i	-0.4520+0.0363i	2.1357-1.1317i	-1.1954-2.2410i	-0.3375+0.2054i	-1.4291+0.4862i	-4.3708+0.7398i
33.5	-1.1200-2.7676i	-0.3522+0.0855i	1.7307-1.2671i	-1.4027-2.0909i	-0.2239+0.2297i	-1.1456+0.5913i	-3.7418+1.1061i
33.6	-1.1334-2.4937i	-0.3011+0.0621i	1.4529-1.0751i	-1.3626-1.9453i	-0.1877+0.1907i	-0.9445+0.4823i	-3.2237+0.8600i
33.7	-1.3042-2.2629i	-0.2509+0.0326i	1.1945-0.9695i	-1.4632-1.8261i	-0.1333+0.1475i	-0.7616+0.4159i	-2.8016+0.7564i
33.8	-1.2916-1.7563i	-0.2044+0.0026i	0.9338-0.7476i	-1.4108-1.4756i	-0.0991+0.0877i	-0.5972+0.2874i	-2.2631+0.5374i
33.9	-1.3133-1.3573i	-0.1649-0.0414i	0.7204-0.5527i	-1.3898-1.1982i	-0.0688+0.0197i	-0.4574+0.1701i	-1.8625+0.3538i
34.0	-1.3402-1.0380i	-0.1390-0.0663i	0.5557-0.4069i	-1.3798-0.9723i	-0.0451-0.0237i	-0.3575+0.0843i	-1.5880+0.2742i
34.1	-1.2371-0.9031i	-0.1171-0.0730i	0.5031-0.2742i	-1.2790-0.8721i	-0.0330-0.0380i	-0.3213+0.0095i	-1.4820+0.1475i
34.2	-1.1263-0.8477i	-0.1172-0.1031i	0.5032-0.1612i	-1.1768-0.8633i	-0.0381-0.0713i	-0.3122-0.0591i	-1.4205+0.0349i
34.3	-1.1712-0.6909i	-0.1206-0.1459i	0.4405-0.0454i	-1.2205-0.7990i	-0.0394-0.1251i	-0.2694-0.1314i	-1.1863+0.0110i
34.4	-1.1220-0.5455i	-0.1147-0.1639i	0.3960+0.0791i	-1.1795-0.7088i	-0.0414-0.1495i	-0.2426-0.2058i	-0.9995-0.0934i
34.5	-1.0013-0.3813i	-0.1113-0.1902i	0.3631+0.2345i	-1.0782-0.6105i	-0.0529-0.1840i	-0.2215-0.2949i	-0.7993-0.2882i
34.6	-0.8170-0.3692i	-0.1202-0.2149i	0.4201+0.3784i	-0.9447-0.6361i	-0.0750-0.2069i	-0.2497-0.3842i	-0.7592-0.5600i
34.7	-0.6198-0.3201i	-0.1299-0.2353i	0.4586+0.5257i	-0.7838-0.6288i	-0.0959-0.2266i	-0.2694-0.4779i	-0.7103-0.8270i
34.8	-0.5345-0.1179i	-0.1736-0.2243i	0.5186+0.5946i	-0.7774-0.4443i	-0.1478-0.2223i	-0.3174-0.5230i	-0.6312-0.9781i
34.9	-0.4814-0.0878i	-0.2001-0.2309i	0.6112+0.6714i	-0.7736-0.4304i	-0.1814-0.2287i	-0.3816-0.5775i	-0.6898-1.1498i
35.0	-0.4325-0.0667i	-0.2283-0.2463i	0.7086+0.7328i	-0.7724-0.4472i	-0.2158-0.2461i	-0.4485-0.6238i	-0.7677-1.3054i
35.1	-0.3132-0.0174i	-0.2454-0.2268i	0.7857+0.7491i	-0.6976-0.3747i	-0.2373-0.2242i	-0.5062-0.6290i	-0.8462-1.4087i
35.2	-0.2477+0.0107i	-0.2570-0.2159i	0.8566+0.7330i	-0.6669-0.3307i	-0.2517-0.2106i	-0.5533-0.6130i	-0.9102-1.4405i
35.3	-0.1523+0.0423i	-0.2775-0.1970i	0.9183+0.7166i	-0.6149-0.2860i	-0.2812-0.1938i	-0.6058-0.5977i	-1.0012-1.4824i
35.4	-0.0647-0.0616i	-0.2834-0.1861i	1.0016+0.6892i	-0.5498-0.3652i	-0.2902-0.1768i	-0.6639-0.5635i	-1.1344-1.4839i
35.5	0.0299-0.1678i	-0.2980-0.1774i	1.0961+0.6772i	-0.4929-0.4509i	-0.3050-0.1610i	-0.7332-0.5450i	-1.2655-1.5069i
35.6	0.1087-0.1271i	-0.2843-0.1531i	1.0775+0.6444i	-0.4148-0.3824i	-0.2980-0.1355i	-0.7247-0.5144i	-1.2610-1.4912i
35.7	0.1203-0.2077i	-0.2859-0.1476i	1.1315+0.5848i	-0.4229-0.4449i	-0.2997-0.1240i	-0.7591-0.4601i	-1.3341-1.3993i
35.8	0.2704-0.3161i	-0.2682-0.1234i	1.1730+0.5663i	-0.2935-0.5190i	-0.2840-0.0960i	-0.7921-0.4251i	-1.4166-1.3705i
35.9	0.2778-0.3705i	-0.2619-0.1191i	1.1717+0.5359i	-0.2833-0.5582i	-0.2755-0.0899i	-0.7893-0.3873i	-1.4192-1.3246i
36.0	0.2945-0.4042i	-0.2552-0.1249i	1.1783+0.5224i	-0.2687-0.5898i	-0.2665-0.0932i	-0.7874-0.3701i	-1.4011-1.3047i
36.1	0.2916-0.3860i	-0.2479-0.1150i	1.1338+0.4678i	-0.2659-0.5552i	-0.2631-0.0853i	-0.7535-0.3334i	-1.3412-1.2279i
36.2	0.4378-0.3720i	-0.2195-0.1026i	1.0753+0.4649i	-0.1017-0.5317i	-0.2419-0.0725i	-0.7333-0.3148i	-1.2554-1.2229i
36.3	0.4756-0.3776i	-0.2170-0.1027i	1.0451+0.4468i	-0.0695-0.5262i	-0.2391-0.0752i	-0.7165-0.3011i	-1.2070-1.2176i
36.4	0.4895-0.4467i	-0.2080-0.1091i	1.0150+0.4419i	-0.0552-0.5939i	-0.2289-0.0802i	-0.6788-0.2829i	-1.1345-1.2041i
36.5	0.4514-0.4941i	-0.2041-0.1225i	1.0162+0.4493i	-0.0814-0.6460i	-0.2204-0.0919i	-0.6644-0.2820i	-1.0622-1.2099i
36.6	0.4386-0.5625i	-0.1980-0.1316i	1.0299+0.4295i	-0.0981-0.6967i	-0.2152-0.1005i	-0.6769-0.2621i	-1.0348-1.2512i
36.7	0.4927-0.5742i	-0.1934-0.1499i	0.9892+0.4059i	-0.0507-0.7182i	-0.2162-0.1215i	-0.6541-0.2331i	-1.0219-1.3090i
36.8	0.4741-0.6588i	-0.1939-0.1688i	0.9702+0.3959i	-0.0690-0.8055i	-0.2133-0.1372i	-0.6308-0.2033i	-1.0077-1.3424i
36.9	0.5419-0.7074i	-0.1860-0.1761i	0.9142+0.4178i	0.0008-0.8549i	-0.2102-0.1447i	-0.6053-0.2056i	-0.9787-1.3994i
37.0	0.6147-0.7735i	-0.1887-0.2001i	0.8910+0.4604i	0.0616-0.9429i	-0.2172-0.1693i	-0.5968-0.2097i	-1.0227-1.4812i
37.1	0.6323-0.8814i	-0.1997-0.2099i	0.8696+0.4924i	0.0654-1.0369i	-0.2317-0.1760i	-0.5771-0.1986i	-1.0730-1.5193i

37.2	0.5592-0.9624i	-0.2118-0.2298i	0.8747+0.5203i	-0.0127-1.1259i	-0.2464-0.1941i	-0.5572-0.1950i	-1.1304-1.5396i
37.3	0.5172-1.0024i	-0.2272-0.2431i	0.8725+0.5364i	-0.0608-1.1618i	-0.2634-0.2002i	-0.5420-0.1898i	-1.1659-1.5046i
37.4	0.5635-1.0182i	-0.2357-0.2506i	0.8334+0.5741i	-0.0200-1.1749i	-0.2771-0.2015i	-0.5061-0.1913i	-1.1869-1.4717i
37.5	0.5307-1.0867i	-0.2411-0.2732i	0.8070+0.6165i	-0.0527-1.2580i	-0.2864-0.2151i	-0.4570-0.2047i	-1.1635-1.4303i
37.6	0.5075-1.1770i	-0.2807-0.3005i	0.8061+0.6665i	-0.1204-1.3623i	-0.3226-0.2317i	-0.4227-0.2206i	-1.1368-1.4095i
37.7	0.3835-1.2413i	-0.3318-0.3059i	0.8217+0.6909i	-0.2745-1.4150i	-0.3632-0.2297i	-0.3885-0.2338i	-1.1008-1.3658i
37.8	0.3223-1.2972i	-0.3560-0.2970i	0.8082+0.7360i	-0.3566-1.4544i	-0.3808-0.2174i	-0.3516-0.2547i	-1.0281-1.3275i
37.9	0.2880-1.2916i	-0.3829-0.2948i	0.7675+0.7986i	-0.4009-1.4613i	-0.4016-0.2152i	-0.3018-0.2892i	-0.9309-1.3585i
38.0	0.2463-1.3300i	-0.4220-0.2865i	0.7678+0.8617i	-0.4804-1.4784i	-0.4367-0.2096i	-0.2676-0.3302i	-0.9071-1.4304i
38.1	0.2769-1.3410i	-0.4454-0.2604i	0.7373+0.9616i	-0.4799-1.4657i	-0.4614-0.1856i	-0.2207-0.3990i	-0.8790-1.5056i
38.2	0.1774-1.4027i	-0.4944-0.2499i	0.7663+1.0536i	-0.6115-1.5166i	-0.4956-0.1713i	-0.1839-0.4712i	-0.8532-1.5769i
38.3	0.1208-1.3840i	-0.5265-0.2182i	0.7988+1.1177i	-0.6954-1.4563i	-0.5188-0.1428i	-0.1750-0.5429i	-0.8309-1.6416i
38.4	0.1266-1.3831i	-0.5261-0.1711i	0.8520+1.2039i	-0.6968-1.3992i	-0.5192-0.1014i	-0.2041-0.6248i	-0.8424-1.7039i
38.5	0.1192-1.4220i	-0.5267-0.1319i	0.9183+1.3184i	-0.7081-1.3892i	-0.5201-0.0647i	-0.2382-0.7236i	-0.8482-1.7941i
38.6	0.0540-1.4127i	-0.5332-0.1008i	0.9757+1.3830i	-0.7643-1.3567i	-0.5181-0.0398i	-0.2627-0.8045i	-0.8597-1.8533i
38.7	0.0104-1.4503i	-0.5317-0.0634i	1.1052+1.4794i	-0.8096-1.3371i	-0.5156-0.0045i	-0.3391-0.9071i	-0.9103-1.9390i
38.8	-0.0017-1.4985i	-0.5122-0.0393i	1.2049+1.5577i	-0.8027-1.3524i	-0.4990+0.0137i	-0.3975-0.9653i	-0.9734-1.9942i
38.9	-0.0371-1.4968i	-0.4743-0.0290i	1.3143+1.5717i	-0.7857-1.3440i	-0.4649+0.0214i	-0.4709-0.9804i	-1.0676-2.0008i
39.0	-0.1117-1.4836i	-0.4681-0.0156i	1.4787+1.5851i	-0.8439-1.3117i	-0.4604+0.0343i	-0.5749-1.0358i	-1.1574-2.0314i
39.1	-0.1933-1.5292i	-0.4505-0.0169i	1.6188+1.5804i	-0.8868-1.3611i	-0.4414+0.0310i	-0.6510-1.0311i	-1.2299-2.0207i
39.2	-0.2482-1.5506i	-0.4360-0.0076i	1.7672+1.5534i	-0.9167-1.3647i	-0.4269+0.0374i	-0.7513-1.0284i	-1.2838-2.0252i
39.3	-0.3173-1.5247i	-0.4179-0.0081i	1.8827+1.4897i	-0.9549-1.3438i	-0.4117+0.0321i	-0.8276-1.0006i	-1.3393-1.9749i
39.4	-0.3915-1.5272i	-0.4073-0.0184i	1.9836+1.4481i	-1.0101-1.3547i	-0.4026+0.0237i	-0.8859-0.9923i	-1.3903-1.9567i
39.5	-0.4573-1.5090i	-0.4037-0.0409i	2.0306+1.3471i	-1.0441-1.3651i	-0.3976+0.0021i	-0.8945-0.9384i	-1.3967-1.8948i
39.6	-0.5379-1.4958i	-0.4382-0.0421i	2.1639+1.2178i	-1.1372-1.3530i	-0.4306+0.0026i	-0.9691-0.8814i	-1.4018-1.8622i
39.7	-0.5619-1.4895i	-0.4588+0.0038i	2.1501+1.0797i	-1.1678-1.3162i	-0.4482+0.0480i	-0.9557-0.8314i	-1.3722-1.8753i
39.8	-0.6871-1.4961i	-0.3656+0.0386i	2.0716+1.0851i	-1.1969-1.3098i	-0.3541+0.0819i	-0.9556-0.8877i	-1.5299-1.9073i
39.9	-0.7531-1.4083i	-0.3441-0.0160i	2.1418+1.0881i	-1.2391-1.2906i	-0.3353+0.0244i	-1.0316-0.8940i	-1.5886-1.8217i
40.0	-0.7944-1.3383i	-0.3605-0.0395i	2.2258+1.0392i	-1.2978-1.2530i	-0.3521-0.0022i	-1.1080-0.8672i	-1.6000-1.7697i
40.1	-0.7964-1.2833i	-0.3768-0.0606i	2.2665+1.0058i	-1.3153-1.2353i	-0.3669-0.0239i	-1.1497-0.8456i	-1.5906-1.7257i
40.2	-0.8521-1.2522i	-0.3762-0.0895i	2.2733+0.9724i	-1.3551-1.2536i	-0.3674-0.0539i	-1.1514-0.8245i	-1.5710-1.6688i
40.3	-0.8947-1.1712i	-0.3927-0.1100i	2.2874+0.9514i	-1.4176-1.2151i	-0.3847-0.0754i	-1.1659-0.8267i	-1.5366-1.6384i
40.4	-0.8763-1.0641i	-0.3981-0.1191i	2.2978+0.8941i	-1.4115-1.1338i	-0.3930-0.0867i	-1.1945-0.7946i	-1.5293-1.5909i
40.5	-0.8671-0.9947i	-0.4253-0.1357i	2.3499+0.8730i	-1.4390-1.1061i	-0.4214-0.1083i	-1.2414-0.7902i	-1.4976-1.5548i
40.6	-0.8519-0.9792i	-0.4505-0.1350i	2.3943+0.8173i	-1.4656-1.0997i	-0.4460-0.1084i	-1.2744-0.7683i	-1.4694-1.5484i
40.7	-0.8973-0.9512i	-0.4458-0.1399i	2.3675+0.6967i	-1.4907-1.0812i	-0.4398-0.1104i	-1.2605-0.6856i	-1.4515-1.4988i
40.8	-0.8571-0.9263i	-0.4621-0.1280i	2.4077+0.6346i	-1.4830-1.0494i	-0.4596-0.1016i	-1.3190-0.6420i	-1.4303-1.4820i
40.9	-0.8624-0.8645i	-0.4775-0.1581i	2.4113+0.6542i	-1.5152-1.0455i	-0.4771-0.1347i	-1.3258-0.6719i	-1.4007-1.4479i
41.0	-0.8733-0.7848i	-0.5128-0.1422i	2.4762+0.5201i	-1.5804-0.9506i	-0.5142-0.1165i	-1.3893-0.6007i	-1.4008-1.4541i
41.1	-0.8354-0.7573i	-0.5303-0.0977i	2.4185+0.3994i	-1.5909-0.8701i	-0.5310-0.0736i	-1.3741-0.5111i	-1.4040-1.4515i
41.2	-0.8278-0.7851i	-0.5455-0.1095i	2.3610+0.4636i	-1.6034-0.9123i	-0.5470-0.0881i	-1.3503-0.5552i	-1.3700-1.4737i
41.3	-0.7928-0.7469i	-0.5822-0.1220i	2.3840+0.5671i	-1.6076-0.9049i	-0.5849-0.1038i	-1.4016-0.6463i	-1.3469-1.4715i
41.4	-0.7698-0.7010i	-0.5881-0.1232i	2.4109+0.5574i	-1.6020-0.8720i	-0.5960-0.1060i	-1.4461-0.6338i	-1.3509-1.4320i
41.5	-0.7717-0.6850i	-0.5992-0.1052i	2.4341+0.4764i	-1.6341-0.8399i	-0.6126-0.0913i	-1.4664-0.5670i	-1.3590-1.3982i
41.6	-0.7372-0.6818i	-0.6255-0.0942i	2.4766+0.4664i	-1.6571-0.8317i	-0.6402-0.0822i	-1.5198-0.5539i	-1.3130-1.3971i
41.7	-0.7016-0.6746i	-0.6421-0.0778i	2.5025+0.4228i	-1.6515-0.8088i	-0.6586-0.0676i	-1.5540-0.5090i	-1.2587-1.4018i
41.8	-0.6976-0.6515i	-0.6766-0.0595i	2.4804+0.3551i	-1.6990-0.7670i	-0.6906-0.0486i	-1.5736-0.4738i	-1.2031-1.3741i
41.9	-0.7454-0.6614i	-0.6818-0.0577i	2.4224+0.3626i	-1.7550-0.7739i	-0.6978-0.0428i	-1.5552-0.4641i	-1.1582-1.3584i
42.0	-0.7048-0.6346i	-0.6755-0.0377i	2.4485+0.3125i	-1.7133-0.7271i	-0.6998-0.0226i	-1.5695-0.3756i	-1.1584-1.4048i
42.1	-0.6669-0.6363i	-0.6833-0.0134i	2.4371+0.2376i	-1.7073-0.7170i	-0.7138+0.0041i	-1.5376-0.3156i	-1.1387-1.3949i
42.2	-0.6957-0.6596i	-0.6972+0.0232i	2.3938+0.2813i	-1.7955-0.7351i	-0.7252+0.0438i	-1.4993-0.3334i	-1.0815-1.4185i
42.3	-0.7031-0.6221i	-0.6513+0.0421i	2.3919+0.3205i	-1.8226-0.6731i	-0.6830+0.0606i	-1.5013-0.3516i	-1.1067-1.4603i
42.4	-0.6715-0.6176i	-0.6234-0.0003i	2.3561+0.2467i	-1.8129-0.6143i	-0.6636+0.0201i	-1.4618-0.2936i	-1.1190-1.4601i
42.5	-0.7113-0.6366i	-0.6609-0.0798i	2.3194+0.4718i	-1.8106-0.6546i	-0.6930-0.0567i	-1.4063-0.4712i	-1.1292-1.4421i
42.6	-0.6874-0.6119i	-0.7175-0.0745i	2.4780+0.4532i	-1.8386-0.6473i	-0.7530-0.0507i	-1.5298-0.4837i	-1.0854-1.3837i
42.7	-0.6753-0.6269i	-0.7470-0.0420i	2.4985+0.3446i	-1.8613-0.5919i	-0.7864-0.0109i	-1.6000-0.4225i	-1.0722-1.4022i
42.8	-0.6711-0.6227i	-0.8018-0.0102i	2.5872+0.3245i	-1.8742-0.5541i	-0.8380+0.0198i	-1.7518-0.3461i	-1.0723-1.3564i
42.9	-0.6612-0.6011i	-0.8164+0.0266i	2.5473+0.2883i	-1.8645-0.5378i	-0.8496+0.0550i	-1.6775-0.2730i	-0.9742-1.3446i
43.0	-0.6589-0.5490i	-0.8600+0.0496i	2.5724+0.4081i	-1.9352-0.5302i	-0.8961+0.0726i	-1.6984-0.3862i	-0.8790-1.4027i
43.1	-0.6389-0.5313i	-0.8473+0.1148i	2.6271+0.4360i	-1.9540-0.4529i	-0.8860+0.1394i	-1.7254-0.3555i	-0.8526-1.4643i
43.2	-0.6158-0.5556i	-0.7732+0.1329i	2.6327+0.4216i	-1.8826-0.4252i	-0.8095+0.1624i	-1.6645-0.3255i	-0.8905-1.4808i
43.3	-0.6243-0.5195i	-0.7661+0.0416i	2.7587+0.5102i	-1.8981-0.4742i	-0.8022+0.0687i	-1.7315-0.4427i	-0.8642-1.3651i
43.4	-0.5782-0.5148i	-0.8399+0.0495i	3.0231+0.4750i	-1.9618-0.4594i	-0.8841+0.0725i	-1.9496-0.4257i	-0.7272-1.3419i

43.5	-0.5338-0.5530i	-0.8923+0.1161i	3.1561+0.1239i	-2.0072-0.4012i	-0.9415+0.1473i	-2.0489-0.1502i	-0.6632-1.4532i
43.6	-0.5157-0.5920i	-0.9018+0.1403i	2.9660+0.0057i	-2.0204-0.3712i	-0.9529+0.1724i	-1.8911-0.0755i	-0.6349-1.5193i
43.7	-0.5247-0.6300i	-0.8815+0.1567i	2.8653+0.1556i	-1.9838-0.3898i	-0.9334+0.1873i	-1.8092-0.2121i	-0.6462-1.5762i
43.8	-0.5344-0.5663i	-0.8887+0.1292i	3.2281+0.3079i	-2.0446-0.3951i	-0.9496+0.1519i	-2.0990-0.3686i	-0.6807-1.5177i
43.9	-0.4899-0.6117i	-0.9892+0.1642i	3.5692-0.0105i	-2.1908-0.3566i	-1.0593+0.1941i	-2.3747-0.1418i	-0.5301-1.5218i
44.0	-0.5245-0.7057i	-0.9903+0.2895i	3.3689-0.5594i	-2.2274-0.2123i	-1.0583+0.3390i	-2.2979+0.2066i	-0.4548-1.7182i
44.1	-0.5657-0.6948i	-0.9687+0.3239i	3.1848-0.6184i	-2.2217-0.1512i	-1.0289+0.3669i	-2.2648+0.3538i	-0.5002-1.7340i
44.2	-0.5198-0.7000i	-1.0148+0.3798i	3.2100-0.8143i	-2.2828-0.0547i	-1.0840+0.4227i	-2.2984+0.5836i	-0.3477-1.8024i
44.3	-0.5515-0.7901i	-0.9408+0.4960i	2.7768-1.1746i	-2.2552+0.1361i	-1.0121+0.5556i	-2.0015+0.9528i	-0.2979-2.1245i
44.4	-0.6888-0.7667i	-0.7757+0.4832i	2.1884-0.7400i	-2.0368+0.2157i	-0.8321+0.5475i	-1.4095+0.7362i	-0.6242-2.2353i
44.5	-0.7136-0.6411i	-0.7372+0.3496i	2.4041-0.1649i	-1.9274+0.0750i	-0.7906+0.4011i	-1.4300+0.2063i	-0.8026-2.0136i
44.6	-0.6961-0.6623i	-0.7758+0.3145i	2.5820-0.2685i	-1.9644+0.0803i	-0.8350+0.3698i	-1.6077+0.2444i	-0.7291-2.0066i
44.7	-0.7502-0.5944i	-0.8675+0.2588i	2.5273-0.1159i	-1.9372+0.0620i	-0.9126+0.3166i	-1.5723+0.1455i	-0.8318-2.0252i
44.8	-0.6821-0.5033i	-0.9579+0.3102i	2.8273+0.0831i	-1.9827-0.0021i	-1.0053+0.3563i	-1.7640-0.0196i	-0.8424-1.8529i
44.9	-0.5926-0.5217i	-0.9740+0.3692i	3.2697-0.1337i	-2.0717+0.0083i	-1.0399+0.4119i	-2.0681+0.1476i	-0.7297-1.7710i
45.0	-0.5152-0.5264i	-1.0442+0.4326i	3.2701-0.4440i	-2.0961+0.0809i	-1.1200+0.4755i	-1.9856+0.3723i	-0.5494-1.7383i
45.1	-0.5075-0.6418i	-0.9949+0.6367i	3.1332-0.6357i	-2.0945+0.1431i	-1.0712+0.6900i	-1.8661+0.4140i	-0.4667-1.9080i
45.2	-0.5503-0.6800i	-0.7859+0.6264i	3.1488-0.6206i	-2.0851+0.1368i	-0.8714+0.6844i	-1.9235+0.3129i	-0.5550-1.9664i
45.3	-0.5513-0.7348i	-0.7451+0.5188i	3.1689-0.7935i	-2.1072+0.1396i	-0.8366+0.5919i	-1.9665+0.3839i	-0.5236-1.9417i
45.4	-0.7275-0.7370i	-0.7692+0.4141i	2.9419-0.6575i	-2.1432+0.1206i	-0.8355+0.5008i	-1.9405+0.1881i	-0.5507-2.0240i
45.5	-0.6469-0.6432i	-0.9030+0.3995i	3.3434-0.7980i	-2.2725+0.1617i	-0.9751+0.4695i	-2.3634+0.4302i	-0.4660-1.9036i
45.6	-0.6074-0.7636i	-0.8996+0.4978i	3.0614-1.2234i	-2.1988+0.3256i	-0.9797+0.5896i	-2.0982+0.8475i	-0.3756-2.0338i
45.7	-0.7117-0.7257i	-0.9442+0.4727i	2.9406-0.8712i	-2.1613+0.2595i	-0.9988+0.5635i	-2.0322+0.5548i	-0.4754-2.0142i
45.8	-0.6465-0.7117i	-1.0483+0.5775i	3.2406-1.0202i	-2.2551+0.3004i	-1.1133+0.6500i	-2.2481+0.7152i	-0.3345-1.9857i
45.9	-0.5822-0.7859i	-0.9989+0.7154i	3.1967-1.4160i	-2.2305+0.4122i	-1.0793+0.7971i	-2.1563+0.9823i	-0.1219-2.1467i
46.0	-0.6622-0.9320i	-0.8392+0.8012i	2.8429-1.7278i	-2.1847+0.5154i	-0.9238+0.9002i	-1.9647+1.2179i	-0.1146-2.4040i
46.1	-0.7917-0.9854i	-0.7299+0.7464i	2.3504-1.8042i	-2.1181+0.6247i	-0.8137+0.8678i	-1.5787+1.3251i	-0.1606-2.5978i
46.2	-1.0477-0.9148i	-0.7520+0.5477i	1.9941-1.2103i	-1.9890+0.5360i	-0.7998+0.6849i	-1.2938+0.8357i	-0.4450-2.6889i
46.3	-1.0372-0.7800i	-1.0105+0.5628i	2.4940-0.9678i	-2.0729+0.3888i	-1.0399+0.6756i	-1.7606+0.6707i	-0.5143-2.4591i
46.4	-0.9597-0.8805i	-1.0623+1.0408i	2.5607-1.8212i	-2.1659+0.5752i	-1.1113+1.1523i	-1.8442+1.3980i	-0.2068-2.7086i
46.5	-1.2414-0.8596i	-0.5470+1.1022i	1.4582-1.6630i	-1.9242+0.5851i	-0.5668+1.2159i	-0.9277+1.3433i	-0.6585-3.0127i
46.6	-1.2591-0.6130i	-0.4408+0.7669i	1.4331-0.7672i	-1.9328+0.3764i	-0.4605+0.8510i	-0.8760+0.6000i	-0.9080-2.6105i
46.7	-1.1959-0.5401i	-0.5147+0.6435i	1.8099-0.4974i	-2.0423+0.3340i	-0.5449+0.7208i	-1.2339+0.3682i	-0.8202-2.4158i
46.8	-1.1131-0.4241i	-0.6174+0.5513i	2.1527-0.4826i	-2.1241+0.3477i	-0.6565+0.6147i	-1.5268+0.4120i	-0.7068-2.3369i
46.9	-0.9998-0.4475i	-0.7593+0.6171i	2.2664-0.6927i	-2.2147+0.4380i	-0.8193+0.6806i	-1.6304+0.6081i	-0.4185-2.3377i
47.0	-1.1436-0.5907i	-0.6613+0.8918i	1.7740-0.9035i	-2.1612+0.6495i	-0.7120+0.9891i	-1.2475+0.8877i	-0.3750-2.7284i
47.1	-1.3082-0.4856i	-0.4120+0.8286i	1.4854-0.3846i	-2.0271+0.5615i	-0.4416+0.9188i	-0.9101+0.5599i	-0.6875-2.8129i
47.2	-1.2591-0.1580i	-0.3537+0.4079i	2.0825+0.5229i	-2.1257+0.2815i	-0.3903+0.4456i	-1.1795-0.2310i	-0.8801-2.4181i
47.3	-1.0946-0.1803i	-0.6378+0.2960i	2.8114+0.3559i	-2.3857+0.2827i	-0.7112+0.3338i	-1.7780-0.2541i	-0.5931-2.2726i
47.4	-0.9825-0.2841i	-0.8673+0.3735i	3.3798-0.2093i	-2.5822+0.3807i	-0.9789+0.4362i	-2.2451+0.1187i	-0.3306-2.2823i
47.5	-0.9137-0.3894i	-1.0003+0.5254i	3.5168-0.8676i	-2.6458+0.5870i	-1.1264+0.6202i	-2.4619+0.5660i	-0.1220-2.4596i
47.6	-1.0253-0.4826i	-0.9811+0.7244i	3.0560-1.4038i	-2.5941+0.7455i	-1.0914+0.8454i	-2.2270+1.0155i	-0.0964-2.7025i
47.7	-1.1911-0.5937i	-0.8192+0.9342i	2.2479-1.6910i	-2.4759+0.8350i	-0.9098+1.0839i	-1.6987+1.2901i	-0.1725-3.0098i
47.8	-1.3534-0.4078i	-0.6218+0.8636i	1.7679-1.1292i	-2.4119+0.8427i	-0.6862+1.0092i	-1.3556+0.9115i	-0.3420-3.0659i
47.9	-1.4052-0.1854i	-0.5743+0.7078i	1.7027-0.4783i	-2.4602+0.7892i	-0.6339+0.8337i	-1.3714+0.4673i	-0.4207-3.0726i
48.0	-1.3914-0.0618i	-0.6084+0.7711i	1.6885-0.2144i	-2.5082+0.8942i	-0.6669+0.9009i	-1.2969+0.5130i	-0.4431-3.0871i
48.1	-1.2959+0.1856i	-0.4643+0.5746i	2.1753+0.4560i	-2.4953+0.8978i	-0.5171+0.6818i	-1.5463-0.0292i	-0.5623-3.0249i
48.2	-1.1067+0.2315i	-0.6763+0.4590i	2.9221+0.2445i	-2.6375+0.9834i	-0.7498+0.5671i	-2.1318+0.0910i	-0.4326-3.0236i
48.3	-1.0594+0.1697i	-0.7118+0.4952i	3.0333-0.2383i	-2.6280+1.1555i	-0.7878+0.6189i	-2.1782+0.4621i	-0.4421-3.2208i
48.4	-1.1257+0.2444i	-0.7558+0.3987i	2.8044-0.2819i	-2.5747+1.1803i	-0.8182+0.5282i	-1.9507+0.5337i	-0.6031-3.1563i
48.5	-1.0040+0.3485i	-0.9543+0.3912i	2.8750-0.0063i	-2.5590+1.1488i	-1.0237+0.5098i	-1.9933+0.3523i	-0.6304-3.0486i
48.6	-0.8693+0.3145i	-1.0286+0.5800i	3.1448-0.0982i	-2.6524+1.1888i	-1.1052+0.7031i	-2.1434+0.4479i	-0.5644-3.0267i
48.7	-0.8286+0.2234i	-1.0027+0.6230i	3.1574-0.2545i	-2.7195+1.2808i	-1.0841+0.7512i	-2.0855+0.5211i	-0.4117-3.1276i
48.8	-0.9630+0.1000i	-0.9255+0.7342i	2.7197-0.2596i	-2.5709+1.4394i	-0.9961+0.8863i	-1.8063+0.4630i	-0.4920-3.5088i
48.9	-1.0388+0.2439i	-0.8236+0.6307i	2.8354+0.2703i	-2.4762+1.3228i	-0.8785+0.7682i	-1.9257+0.0655i	-0.8839-3.4891i
49.0	-0.9309+0.4408i	-0.8927+0.4840i	3.3863+0.4106i	-2.5243+1.2315i	-0.9618+0.6098i	-2.3130-0.0439i	-1.0610-3.2046i
49.1	-0.8125+0.5794i	-1.0083+0.4146i	3.7009+0.6100i	-2.6143+1.2226i	-1.0767+0.5316i	-2.5602-0.2089i	-1.0468-3.0524i
49.2	-0.5615+0.6569i	-1.2893+0.3548i	4.7007+0.7141i	-2.8787+1.2075i	-1.3940+0.4434i	-3.3237-0.2881i	-0.9330-2.7237i
49.3	-0.2677+0.4957i	-1.5649+0.5270i	5.3928-0.0957i	-3.0344+1.3617i	-1.7178+0.6441i	-3.9290+0.2451i	-0.5799-2.6677i
49.4	-0.1514+0.1709i	-1.5573+0.9946i	5.0043-1.2777i	-2.9081+1.7066i	-1.7081+1.1767i	-3.7349+1.1237i	-0.2544-3.0645i
49.5	-0.2926+0.1271i	-1.2578+1.0309i	4.5390-1.2229i	-2.8153+1.7564i	-1.3844+1.2228i	-3.4114+1.0580i	-0.4087-3.2374i
49.6	-0.3227+0.1271i	-1.2553+0.9371i	4.6222-1.4173i	-2.8820+1.8510i	-1.3730+1.1438i	-3.5451+1.1855i	-0.3994-3.2240i
49.7	-0.2976+0.0022i	-1.3895+1.0229i	4.3667-1.8160i	-2.8762+1.9406i	-1.4945+1.2316i	-3.4900+1.7082i	-0.3539-3.3036i

49.8	-0.2781-0.1213i	-1.3951+1.2374i	3.9444-1.9313i	-2.7815+2.0584i	-1.4983+1.4598i	-3.1010+1.8743i	-0.2113-3.5427i
49.9	-0.5092+0.0042i	-1.0020+1.2630i	3.4868-1.1126i	-2.6543+2.0275i	-1.0654+1.4833i	-2.6691+1.2361i	-0.4720-3.6698i
50.0	-0.4578+0.1040i	-1.0584+0.9452i	4.1369-0.9607i	-2.7604+2.0459i	-1.1221+1.1584i	-3.2450+1.0714i	-0.6207-3.5075i
50.1	-0.4823+0.0382i	-1.3245+1.0348i	4.3297-1.4104i	-2.8604+2.1912i	-1.3809+1.2608i	-3.5230+1.4964i	-0.5777-3.4563i
50.2	-0.5378+0.0243i	-1.3459+1.2642i	4.2071-1.7079i	-2.8674+2.3309i	-1.4000+1.4968i	-3.4556+1.8036i	-0.4864-3.5173i
50.3	-0.6702-0.0192i	-1.1077+1.3478i	3.7966-1.7593i	-2.7704+2.4178i	-1.1421+1.5907i	-3.2014+1.9085i	-0.6036-3.7937i
50.4	-0.8047+0.2187i	-0.9230+1.1484i	3.5423-1.2284i	-2.6587+2.4406i	-0.9071+1.3725i	-3.1302+1.6018i	-0.9059-3.8317i
50.5	-0.6039+0.4149i	-1.1069+1.0631i	3.9596-1.2119i	-2.7314+2.5520i	-1.1082+1.2525i	-3.4394+1.8157i	-0.7801-3.5079i
50.6	-0.6644+0.3012i	-1.0609+1.1393i	3.4418-1.4176i	-2.5620+2.7378i	-1.0588+1.3351i	-2.8446+2.2598i	-0.7716-3.7005i
50.7	-0.7612+0.4620i	-1.0740+0.9873i	3.3668-0.6212i	-2.4276+2.5880i	-1.0638+1.1541i	-2.6465+1.6676i	-1.0307-3.6670i
50.8	-0.4888+0.7582i	-1.3734+0.9309i	4.4771-0.2705i	-2.5525+2.5079i	-1.3933+1.0756i	-3.4389+1.4048i	-0.9529-3.2308i
50.9	-0.3596+0.8188i	-1.4733+1.0679i	4.7993-0.5733i	-2.6767+2.5888i	-1.5021+1.2185i	-3.5521+1.6655i	-0.7655-3.0507i
51.0	-0.2109+0.8647i	-1.4690+1.1104i	5.2433-0.4440i	-2.7778+2.5625i	-1.5077+1.2408i	-3.8837+1.4942i	-0.7544-2.9252i
51.1	0.1943+0.9241i	-1.7735+1.0767i	6.3775-0.7862i	-2.9839+2.6497i	-1.8710+1.1965i	-4.7162+1.7015i	-0.3447-2.7117i
51.2	0.3365+0.6373i	-1.8325+1.4599i	6.2515-1.9852i	-3.0170+3.0148i	-1.9526+1.6358i	-4.6616+2.6711i	0.1564-3.0053i
51.3	0.2669+0.3380i	-1.7159+1.7848i	5.7573-2.7677i	-2.9478+3.2661i	-1.8230+2.0113i	-4.3444+3.3435i	0.2205-3.4299i
51.4	0.0435+0.4514i	-1.3516+1.7985i	5.0935-2.3003i	-2.7504+3.3394i	-1.4078+2.0116i	-3.7491+3.1341i	-0.0970-3.7265i
51.5	0.3383+0.9801i	-1.4125+1.2554i	6.0817-1.1636i	-2.8400+3.1361i	-1.4971+1.3925i	-4.3556+2.2876i	-0.1077-3.1115i
51.6	0.7647+0.6688i	-1.8294+1.4018i	6.9500-2.3990i	-3.0929+3.3670i	-1.9819+1.5813i	-5.0857+3.2580i	0.5055-3.0583i
51.7	0.7480+0.1578i	-1.8205+1.8428i	6.1568-3.7801i	-2.9555+3.8899i	-1.9604+2.1076i	-4.5194+4.4700i	0.8850-3.7385i
51.8	0.6334+0.1603i	-1.7491+1.8272i	5.7639-3.5204i	-2.7406+3.9090i	-1.8695+2.0951i	-4.0455+4.3152i	0.7717-3.9576i
51.9	0.8736+0.2471i	-2.0031+1.8439i	6.4107-3.5447i	-2.7921+3.9009i	-2.1315+2.1115i	-4.4740+4.2257i	0.8909-3.9210i
52.0	1.2401+0.2698i	-2.3209+2.0406i	7.0660-3.9837i	-2.9119+4.1178i	-2.4548+2.3080i	-5.0265+4.6532i	1.2671-3.8836i
52.1	1.1734-0.1810i	-2.0635+2.5772i	6.1712-5.3079i	-2.7054+4.5312i	-2.1795+2.8974i	-4.2865+5.8120i	1.4442-4.6171i
52.2	1.0094-0.2891i	-1.8086+2.6369i	5.2557-5.3758i	-2.5155+4.6424i	-1.8964+2.9701i	-3.4472+5.9470i	1.2640-4.9720i
52.3	0.8253-0.3697i	-1.5969+2.6988i	4.4421-5.0216i	-2.2781+4.7378i	-1.6473+3.0302i	-2.7314+5.6241i	0.9261-5.3514i
52.4	0.8844-0.0877i	-1.6590+2.5232i	4.9717-4.1086i	-2.2964+4.6915i	-1.7130+2.8091i	-3.2112+4.9477i	0.6897-5.1030i
52.5	1.2434-0.3993i	-1.8823+2.9269i	5.5319-5.4627i	-2.3661+5.1023i	-1.9798+3.2528i	-3.5827+6.2122i	1.1739-5.4806i
52.6	1.1552-0.4972i	-1.6278+3.0354i	4.6323-5.4304i	-2.0434+5.1825i	-1.7003+3.3743i	-2.7074+6.2402i	0.9935-5.7266i
52.7	1.3408-0.2118i	-1.5671+2.6853i	5.1390-3.9421i	-2.0073+4.8466i	-1.6545+2.9616i	-2.9026+4.9783i	0.7730-5.3211i
52.8	1.9313-0.6376i	-2.0092+2.9240i	6.5029-5.0417i	-2.3080+5.1470i	-2.1693+3.2427i	-3.9172+5.7672i	1.4653-5.5073i
52.9	1.6910-1.2857i	-1.8921+3.5080i	5.6254-6.5043i	-2.1715+5.7177i	-2.0286+3.9116i	-3.2487+6.9920i	1.5773-6.3383i
53.0	1.2674-1.4611i	-1.4360+3.7241i	4.3166-6.5743i	-1.6725+5.9933i	-1.5037+4.1525i	-2.1034+7.1463i	1.1368-6.8418i
53.1	1.1762-1.5250i	-1.2627+3.7316i	3.9202-6.1893i	-1.4107+6.0290i	-1.3080+4.1522i	-1.6503+6.8559i	1.0165-7.1162i
53.2	1.0712-1.6062i	-1.0840+3.7357i	3.6592-5.8189i	-1.1001+6.1208i	-1.1096+4.1525i	-1.3115+6.4730i	0.8676-7.4882i
53.3	0.9219-1.3460i	-0.9674+3.4511i	3.6708-4.7087i	-0.7403+5.9450i	-0.9744+3.8305i	-1.2939+5.6230i	0.3491-7.3355i
53.4	1.3639-1.1872i	-1.4890+3.3604i	5.6106-4.4277i	-0.9397+5.6190i	-1.5694+3.7118i	-2.7452+5.3537i	0.4771-6.9130i
53.5	1.5098-1.9042i	-1.4702+4.2667i	5.5794-6.7562i	-1.0503+6.1755i	-1.5651+4.7262i	-2.6924+7.1600i	0.9612-7.7923i
53.6	1.2731-1.8125i	-0.9246+4.1272i	4.6752-6.0786i	-0.7040+6.1702i	-0.9654+4.5544i	-1.8663+6.7225i	0.4741-7.9842i
53.7	1.5844-2.1071i	-1.1288+4.0560i	5.7376-6.3778i	-0.8001+6.3736i	-1.2261+4.4921i	-2.6469+6.9884i	0.6993-8.2255i
53.8	1.9399-2.2594i	-1.6336+4.1437i	7.2198-7.0090i	-0.9396+6.3940i	-1.8080+4.6057i	-3.6220+7.4371i	0.9143-8.1909i
53.9	1.9743-3.4516i	-1.6916+5.3556i	6.9119-10.4816i	-1.0264+7.2360i	-1.8765+6.0069i	-3.4681+9.9663i	1.3137-9.3821i
54.0	0.9279-4.1158i	-0.6472+5.9848i	3.9230-11.7216i	-0.1172+7.9194i	-0.6618+6.7387i	-1.2076+11.1066i	0.4413-10.6552i
54.1	0.1288-3.8964i	0.2183+5.7158i	1.8730-10.8557i	0.8178+7.7090i	0.3360+6.4205i	0.6122+10.5662i	-0.8473-10.9236i
54.2	0.4418-3.0341i	-0.2168+4.7817i	2.8343-8.2073i	0.7087+6.8807i	-0.1082+5.3234i	0.1045+8.3303i	-1.2654-9.7879i
54.3	0.8680-3.8884i	-0.6653+5.7458i	3.9456-10.2237i	0.2981+7.5203i	-0.6552+6.3595i	-0.8758+9.9413i	-0.4963-10.4271i
54.4	-0.2130-4.5841i	0.5494+6.4704i	1.3755-11.4934i	1.3444+8.2346i	0.6543+7.2091i	1.3100+11.0905i	-1.6283-11.6432i
54.5	-1.0144-4.5574i	1.4354+6.4312i	-0.2676-11.0072i	2.2672+8.3326i	1.6418+7.1872i	2.8235+10.7895i	-2.6688-12.0801i
54.6	-1.5504-4.0874i	2.0088+5.8505i	-1.0368-9.5353i	3.0008+7.8050i	2.2977+6.5492i	3.6738+9.5428i	-3.7092-11.8280i
54.7	-1.6416-3.4012i	2.0191+5.0705i	-0.4973-7.7508i	3.2091+7.0660i	2.3308+5.6718i	3.3851+8.0525i	-4.2926-11.1332i
54.8	-0.7786-3.6405i	1.0701+5.4479i	2.0523-9.3882i	2.5058+6.9644i	1.2252+6.0595i	1.4709+9.1365i	-3.6708-10.6901i
54.9	-1.3413-4.5401i	1.7817+6.4354i	0.1899-11.8986i	2.9888+7.6870i	1.9992+7.2174i	2.9670+10.9197i	-4.1127-11.6265i
55.0	-2.1984-4.3560i	2.7716+6.2046i	-2.0021-11.1440i	3.8499+7.5420i	3.1355+6.9764i	4.7370+10.3013i	-5.1263-11.5995i
55.1	-2.6191-3.8972i	3.2878+5.7012i	-2.8617-9.8425i	4.4128+7.1013i	3.7215+6.4100i	5.5507+9.2451i	-5.8676-11.2080i
55.2	-2.8540-3.5021i	3.5328+5.2713i	-3.2045-8.8708i	4.6515+6.6644i	4.0170+5.9380i	5.8596+8.5249i	-6.2564-10.6319i
55.3	-3.0789-3.1430i	3.8754+4.8586i	-3.5319-7.9735i	5.0374+6.2007i	4.4167+5.4635i	6.2587+7.6679i	-6.7663-10.2923i
55.4	-2.7265-2.6576i	3.6234+4.2712i	-2.3157-7.0473i	4.7940+5.6445i	4.1331+4.7841i	5.4987+6.8037i	-6.6589-9.6066i
55.5	-2.4443-3.0220i	3.3154+4.4401i	-1.7795-8.2426i	4.5800+5.7939i	3.7645+4.9663i	5.0423+7.4809i	-6.4485-9.5707i
55.6	-3.0312-3.3460i	3.8198+4.7275i	-3.4159-8.7711i	5.2163+5.9658i	4.3353+5.3025i	6.2220+7.8271i	-6.8877-9.8937i
55.7	-3.4723-3.0111i	4.2589+4.4330i	-4.2410-7.7020i	5.6565+5.5794i	4.8260+4.9715i	6.8907+7.0675i	-7.3754-9.7067i
55.8	-3.6706-2.6650i	4.4949+4.0662i	-4.4658-6.7397i	5.8977+5.1162i	5.0835+4.5562i	7.1292+6.3021i	-7.7245-9.4309i
55.9	-3.5957-2.3497i	4.4482+3.7012i	-4.0167-6.0020i	5.8168+4.7127i	5.0237+4.1440i	6.8621+5.7000i	-7.7305-9.0665i
56.0	-3.2279-2.4148i	4.1116+3.5819i	-2.8044-6.5593i	5.4362+4.6199i	4.6224+4.0075i	5.9085+5.9596i	-7.5832-8.8321i

56.1	-3.1708-3.0671i	3.9654+4.0193i	-2.8772-8.6135i	5.4137+5.0926i	4.4224+4.5296i	5.9105+7.4196i	-7.4359-9.1833i
56.2	-3.9143-2.7550i	4.6202+3.7693i	-4.7436-7.4358i	6.1453+4.6545i	5.1767+4.2860i	7.4925+6.4751i	-8.0602-9.1119i
56.3	-4.2757-2.3960i	4.9666+3.4651i	-5.1642-6.2924i	6.4483+4.2693i	5.5806+3.9618i	7.9770+5.6182i	-8.5373-9.0111i
56.4	-4.3450-2.0874i	5.0044+3.1993i	-4.9525-5.6496i	6.4553+4.0117i	5.6292+3.6687i	7.9293+5.1254i	-8.6454-8.8362i
56.5	-4.3881-1.8472i	4.9942+2.9291i	-4.7629-5.1315i	6.3734+3.6985i	5.6232+3.3714i	7.7790+4.6481i	-8.7520-8.6018i
56.6	-4.4582-1.6120i	5.0611+2.6527i	-4.6939-4.6533i	6.4357+3.3694i	5.7166+3.0712i	7.7492+4.1847i	-9.0175-8.2199i
56.7	-4.6442-1.3754i	5.2544+2.3767i	-4.7866-4.2933i	6.6254+3.0032i	5.9416+2.7666i	7.8946+3.7331i	-9.5476-8.0134i
56.8	-4.6830-1.1522i	5.2537+2.1624i	-4.5501-3.9351i	6.5923+2.7844i	5.9452+2.5345i	7.7885+3.3659i	-9.6160-7.8409i
56.9	-4.6668-0.8030i	5.2500+1.8354i	-4.2342-3.4464i	6.5844+2.4739i	5.9551+2.1780i	7.6167+2.9379i	-9.8369-7.4178i
57.0	-4.5311-0.5823i	5.1279+1.6073i	-3.6567-3.1581i	6.4434+2.2351i	5.8169+1.9220i	7.2374+2.6418i	-9.8217-7.1437i
57.1	-4.1808-0.5132i	4.8121+1.4636i	-2.3906-3.4981i	6.1313+2.1112i	5.4449+1.7533i	6.4202+2.6966i	-9.8348-7.0027i
57.2	-4.1337-1.0436i	4.6382+1.9179i	-2.4126-5.3913i	6.0628+2.5943i	5.2223+2.3059i	6.3597+3.9994i	-9.6683-7.1780i
57.3	-4.8460-1.3121i	5.1736+2.2741i	-4.3804-6.2386i	6.6745+2.8284i	5.8471+2.7908i	7.7437+4.5768i	-10.0644-7.4904i
57.4	-5.2202-0.7802i	5.5570+1.8386i	-5.3576-5.0316i	6.9583+2.3370i	6.3617+2.2944i	8.3818+3.6750i	-10.3663-7.1798i
57.5	-5.3164-0.2076i	5.6901+1.3462i	-5.3684-3.8982i	7.0305+1.8925i	6.5418+1.7233i	8.4760+2.8545i	-10.5887-6.8683i
57.6	-5.4121+0.2631i	5.8356+0.9155i	-5.3391-3.1897i	7.2372+1.4858i	6.7286+1.2487i	8.6647+2.3422i	-10.9976-6.5628i
57.7	-5.2912+0.6850i	5.7675+0.4778i	-5.1743-2.6584i	7.1941+1.0200i	6.6844+0.7473i	8.6084+1.8126i	-11.2361-5.9572i
57.8	-5.2316+0.9452i	5.7216+0.2263i	-5.0366-2.3764i	7.1284+0.7736i	6.6540+0.4516i	8.4879+1.5194i	-11.3858-5.7188i
57.9	-4.9452+1.0720i	5.4589+0.1019i	-4.5966-2.1764i	6.9241+0.6824i	6.3838+0.3069i	8.2820+1.3478i	-11.0035-5.5518i
58.0	-4.8843+1.4641i	5.4152-0.2750i	-4.4511-1.7860i	6.8533+0.2932i	6.3592-0.1219i	8.1306+0.8874i	-11.2654-4.9961i
58.1	-4.7843+1.6714i	5.3789-0.5145i	-4.3255-1.6398i	6.8922+0.0179i	6.3386-0.4074i	8.1500+0.5985i	-11.4365-4.8148i
58.2	-4.4791+1.9212i	5.0863-0.7921i	-4.0883-1.2822i	6.6926-0.2641i	6.0180-0.7368i	7.9588+0.2795i	-11.4611-4.2609i
58.3	-4.3571+2.1035i	4.9620-0.9405i	-3.7219-1.0882i	6.6252-0.4479i	5.9098-0.9229i	7.7653+0.0259i	-11.4599-3.9851i
58.4	-4.2730+2.1931i	4.8535-1.0297i	-3.3067-1.1320i	6.5149-0.5098i	5.8025-1.0396i	7.4477+0.0444i	-11.4145-3.9781i
58.5	-3.9015+2.1924i	4.4767-1.0291i	-2.8931-1.5964i	6.2290-0.5610i	5.3825-1.0571i	7.0992+0.3348i	-11.2341-3.5199i
58.6	-4.0682+2.3313i	4.7011-1.1971i	-3.8145-1.6565i	6.4439-0.8774i	5.6556-1.2665i	7.8970+0.1336i	-11.3655-3.1139i
58.7	-4.1557+2.5268i	4.7882-1.4401i	-4.0334-1.1694i	6.5679-1.1858i	5.7700-1.5661i	8.1341-0.5054i	-11.6157-3.2631i
58.8	-3.9259+2.8264i	4.5812-1.7567i	-3.7401-0.7737i	6.4486-1.5496i	5.5582-1.9520i	7.9673-0.9957i	-11.7607-2.7925i
58.9	-3.6347+3.0260i	4.2630-1.9475i	-3.3599-0.4415i	6.1142-1.7090i	5.2006-2.1803i	7.5732-1.1563i	-11.5480-2.3339i
59.0	-3.4366+3.0248i	4.0383-1.9536i	-3.0815-0.4536i	5.9193-1.7839i	4.9431-2.2061i	7.3476-1.2504i	-11.3117-2.2159i
59.1	-3.3185+3.1473i	3.8964-2.0497i	-2.9039-0.4002i	5.8724-1.8885i	4.7948-2.3439i	7.3131-1.3333i	-11.2862-2.1412i
59.2	-3.1018+3.3232i	3.7009-2.2180i	-2.7720-0.2868i	5.7238-2.1327i	4.5754-2.5628i	7.2079-1.5831i	-11.2961-1.7669i
59.3	-2.9019+3.3868i	3.5140-2.2840i	-2.6449-0.2321i	5.5735-2.2998i	4.3654-2.6550i	7.1021-1.7618i	-11.2470-1.5305i
59.4	-2.6724+3.4060i	3.2728-2.3054i	-2.4423-0.2391i	5.3897-2.4428i	4.0835-2.7046i	6.9138-1.9225i	-11.1013-1.2963i
59.5	-2.4549+3.4282i	3.0531-2.3190i	-2.2739-0.2088i	5.2375-2.5242i	3.8301-2.7369i	6.7952-2.0658i	-10.8891-1.1536i
59.6	-2.2204+3.5249i	2.8316-2.3939i	-2.1365-0.1443i	5.0229-2.7592i	3.5740-2.8505i	6.6456-2.3452i	-10.8302-0.8524i
59.7	-1.9655+3.5358i	2.6133-2.4079i	-1.9848-0.1074i	4.8440-2.8607i	3.3196-2.8773i	6.5064-2.5184i	-10.7160-0.5907i
59.8	-1.6303+3.4621i	2.2842-2.3235i	-1.6479-0.0807i	4.4777-3.0854i	2.9468-2.7799i	6.2745-2.5833i	-10.2884-0.4274i
59.9	-1.4923+3.5090i	2.1596-2.2983i	-1.5460-0.0427i	3.7126-11.2472i	2.7855-2.7600i	6.2684-2.6581i	-10.4428-0.2482i
60.0	-1.3215+3.5455i	2.0344-2.2989i	-1.4473-0.0371i	3.3698-21.3204i	2.6352-2.7790i	6.2291-2.9296i	-10.6425+0.0669i
60.1	-1.2502+3.4147i	1.9571-2.1482i	-1.3420-0.1369i	2.5499-12.3506i	2.5499-2.6232i	6.1339-2.9337i	-10.5217-0.1760i
60.2	-1.0877+3.2818i	1.7924-1.9867i	-1.1328-0.1591i	4.1563-3.0761i	2.3647-2.4391i	5.9631-2.8603i	-10.1789-0.2743i
60.3	-0.8756+3.1576i	1.6275-1.8755i	-1.0054-0.2042i	3.8863-3.1770i	2.1714-2.3285i	5.7307-3.0732i	-10.0486+0.0378i
60.4	-0.6581+3.0332i	1.4709-1.7314i	-0.7949-0.2613i	3.6910-3.1980i	1.9890-2.1753i	5.6013-3.1973i	-9.8481+0.2332i
60.5	-0.6382+2.9909i	1.4696-1.6084i	-0.7134-0.3068i	3.6448-3.1804i	1.9923-2.0442i	5.5968-3.1694i	-9.9560+0.0993i
60.6	-0.5496+2.8514i	1.5202-1.4680i	-0.6053-0.3801i	3.5276-3.2233i	2.0429-1.8955i	5.4867-3.3156i	-10.0043+0.2411i
60.7	-0.5850+2.6126i	1.6130-1.2968i	-0.4283-0.5600i	3.4038-3.0671i	2.1493-1.7035i	5.3046-3.2370i	-9.8374+0.1568i
60.8	-0.5398+2.5059i	1.6467-1.2536i	-0.2659-0.6172i	3.3015-3.0400i	2.1935-1.6559i	5.2141-3.2876i	-9.7751+0.2833i
60.9	-0.4690+2.4066i	1.6143-1.2680i	-0.1812-0.7162i	3.1788-3.0908i	2.1538-1.6905i	5.0928-3.4174i	-9.6788+0.5608i
61.0	-0.4999+2.4010i	1.6324-1.2844i	-0.2041-0.8725i	3.1993-3.1547i	2.1663-1.7427i	5.1134-3.5290i	-9.8033+0.5885i
61.1	-0.4537+2.3129i	1.5803-1.2359i	-0.0986-1.0058i	3.1655-3.1875i	2.1108-1.7007i	5.1207-3.6145i	-9.6637+0.6665i
61.2	-0.3935+2.2829i	1.5195-1.2699i	-0.1163-1.1014i	3.0122-3.3063i	2.0338-1.7557i	4.9262-3.8114i	-9.6406+1.0397i
61.3	-0.3378+2.2580i	1.4524-1.2903i	-0.0589-1.1015i	2.8727-3.3451i	1.9522-1.7816i	4.7708-3.8850i	-9.4891+1.2630i
61.4	-0.4043+2.2256i	1.4971-1.2276i	-0.0260-1.1715i	2.8602-3.3140i	2.0021-1.7120i	4.7689-3.8129i	-9.5149+1.1081i
61.5	-0.4532+2.1371i	1.4987-1.1316i	0.0121-1.3330i	2.8081-3.3429i	2.0027-1.6276i	4.7068-3.8869i	-9.4651+1.1158i
61.6	-0.3837+2.0386i	1.3999-1.0585i	0.0918-1.4378i	2.6374-3.3233i	1.8785-1.5578i	4.5365-3.9597i	-9.1596+1.2903i
61.7	-0.3204+2.0233i	1.3865-1.0239i	0.0751-1.4934i	2.4837-3.4432i	1.8511-1.5399i	4.4085-4.1871i	-9.1169+1.6193i
61.8	-0.2784+2.0011i	1.3441-0.9252i	0.1280-1.5828i	2.3279-3.4613i	1.7934-1.4389i	4.3270-4.2768i	-9.0345+1.6793i
61.9	-0.2801+1.9838i	1.3715-0.9236i	0.0772-1.6740i	2.1720-3.5263i	1.8020-1.4640i	4.1141-4.4149i	-8.9684+1.8545i
62.0	-0.2167+1.9338i	1.3457-0.8854i	0.0785-1.6786i	1.9991-3.5224i	1.7599-1.4247i	3.9271-4.4741i	-8.8398+2.0678i
62.1	-0.2373+1.8744i	1.3631-0.7812i	0.1399-1.8268i	1.9177-3.4564i	1.7769-1.3147i	3.8640-4.4985i	-8.7112+2.0494i
62.2	-0.2540+1.8697i	1.4148-0.7226i	0.1650-1.9438i	1.8386-3.4458i	1.8247-1.2697i	3.8541-4.5846i	-8.7059+2.0754i
62.3	-0.2747+1.8774i	1.4791-0.7442i	0.1043-2.0160i	1.7176-3.4768i	1.8796-1.3070i	3.6986-4.7235i	-8.7516+2.2339i

62.4	-0.2203+1.8222i	1.4913-0.7593i	0.0494-2.0780i	1.5167-3.4270i	1.8724-1.3310i	3.3450-4.7909i	-8.4307+2.5261i
62.5	-0.2594+1.8089i	1.5715-0.7304i	0.0221-2.1733i	1.4200-3.3942i	1.9423-1.3157i	3.2528-4.8370i	-8.3580+2.5863i
62.6	-0.2561+1.7717i	1.6011-0.6761i	0.0449-2.2490i	1.3500-3.3654i	1.9659-1.2599i	3.1921-4.8846i	-8.3140+2.6966i
62.7	-0.3279+1.6687i	1.6674-0.6264i	0.0403-2.3673i	1.2752-3.2151i	2.0292-1.2053i	3.0056-4.7886i	-8.0290+2.6084i
62.8	-0.3272+1.7011i	1.6852-0.6680i	-0.0491-2.4345i	1.1806-3.1839i	2.0285-1.2619i	2.8287-4.8342i	-7.9605+2.7378i
62.9	-0.3116+1.7425i	1.7855-0.7251i	-0.1860-2.5202i	1.0546-3.2083i	2.1065-1.3361i	2.6076-5.0336i	-7.9200+3.0863i
63.0	-0.3506+1.8317i	1.8475-0.8212i	-0.2846-2.5898i	1.0030-3.1481i	2.1592-1.4352i	2.4732-5.0251i	-7.8315+3.1954i
63.1	-0.3401+1.8135i	1.8584-0.7941i	-0.2022-2.6082i	0.9671-3.1326i	2.1753-1.4182i	2.4131-5.0226i	-7.5706+3.3170i
63.2	-0.4482+1.8140i	1.9501-0.8237i	-0.1626-2.7318i	0.9550-3.0645i	2.2683-1.4587i	2.4089-4.9932i	-7.4955+3.0498i
63.3	-0.4320+1.7830i	2.0113-0.8748i	-0.1918-2.8154i	0.8670-2.9771i	2.3153-1.5177i	2.2429-4.9856i	-7.2016+3.0910i
63.4	-0.3727+1.8690i	2.0465-1.0057i	-0.3342-2.8789i	0.7795-3.0145i	2.3262-1.6741i	2.0335-5.1180i	-7.1331+3.4238i
63.5	-0.4213+1.8963i	2.1321-1.0525i	-0.3399-2.9871i	0.7938-3.0152i	2.4136-1.7357i	1.9844-5.1812i	-7.0923+3.3500i
63.6	-0.4572+1.9774i	2.1170-1.1375i	-0.4436-3.1418i	0.7464-2.9650i	2.3790-1.8432i	1.8701-5.2028i	-7.0531+3.1923i
63.7	-0.4376+2.0476i	2.0786-1.2089i	-0.6029-3.2269i	0.7192-2.8585i	2.3099-1.9201i	1.7159-5.1101i	-6.9293+3.1104i
63.8	-0.2872+2.0823i	2.0258-1.2727i	-0.7787-3.1450i	0.6262-2.8171i	2.2226-1.9734i	1.4509-5.0754i	-6.7887+3.3677i
63.9	-0.2320+2.1043i	1.9819-1.2971i	-0.8311-3.1102i	0.5963-2.8059i	2.1608-2.0053i	1.3614-5.0653i	-6.6825+3.4300i
64.0	-0.1431+2.1545i	1.9174-1.4528i	-0.9796-3.1287i	0.5283-2.7787i	2.0699-2.1705i	1.1787-5.0636i	-6.5153+3.5653i
64.1	-0.1910+2.1188i	1.9160-1.4916i	-0.9465-3.2765i	0.5354-2.7277i	2.0639-2.2157i	1.1396-5.0086i	-6.2417+3.3353i
64.2	-0.1152+2.0921i	1.8436-1.5587i	-1.0182-3.2342i	0.5135-2.6657i	1.9687-2.2803i	0.9695-4.9128i	-5.8613+3.4348i
64.3	-0.0647+2.1621i	1.7891-1.6004i	-1.1075-3.2784i	0.5018-2.6859i	1.9043-2.3353i	0.8667-4.9123i	-5.8350+3.4790i
64.4	-0.0344+2.2259i	1.6820-1.6513i	-1.2264-3.3865i	0.4890-2.6970i	1.7760-2.3982i	0.7950-4.9229i	-5.8205+3.3489i
64.5	-0.0020+2.2367i	1.6080-1.6846i	-1.2819-3.5074i	0.4213-2.7152i	1.6685-2.4503i	0.7465-4.9498i	-5.6039+3.0960i
64.6	0.1023+2.3144i	1.5147-1.6864i	-1.3955-3.4533i	0.3907-2.7576i	1.5604-2.4581i	0.6776-4.9549i	-5.5341+3.2216i
64.7	0.1873+2.3093i	1.4586-1.5894i	-1.4309-3.3579i	0.3425-2.7395i	1.4817-2.3540i	0.5739-4.8696i	-5.3329+3.2235i
64.8	0.3045+2.2936i	1.3945-1.5768i	-1.4911-3.3142i	0.2664-2.7249i	1.3907-2.3368i	0.4606-4.8059i	-5.1656+3.2093i
64.9	0.3489+2.3685i	1.2805-1.5548i	-1.7199-3.3676i	0.1997-2.7101i	1.2417-2.3181i	0.2858-4.8263i	-5.2915+3.0692i
65.0	0.4745+2.3429i	1.2378-1.5308i	-1.8250-3.3267i	0.1183-2.7012i	1.1696-2.2853i	0.1388-4.7831i	-5.1713+3.0757i
65.1	0.6330+2.2565i	1.1944-1.4813i	-1.8866-3.1567i	0.0026-2.6703i	1.0919-2.2139i	-0.0524-4.6427i	-4.9411+3.1491i
65.2	0.7541+2.2113i	1.1907-1.4274i	-1.9248-3.1970i	-0.0706-2.6583i	1.0609-2.1666i	-0.1029-4.6545i	-4.8443+3.0328i
65.3	0.8207+2.1170i	1.1835-1.3564i	-1.8946-3.2040i	-0.1135-2.5816i	1.0434-2.0836i	-0.0630-4.5586i	-4.7365+2.8507i
65.4	0.9046+2.0582i	1.1512-1.2806i	-2.0528-3.1078i	-0.1980-2.4836i	0.9792-1.9762i	-0.2369-4.4692i	-4.6834+2.8383i
65.5	1.0090+1.9429i	1.1404-1.2376i	-2.0877-3.0866i	-0.3023-2.4696i	0.9397-1.9238i	-0.3320-4.4323i	-4.4340+2.8299i
65.6	1.1032+1.8542i	1.1974-1.2033i	-2.1917-3.0210i	-0.3835-2.4359i	0.9616-1.8802i	-0.4613-4.3901i	-4.3676+2.8422i
65.7	1.1534+1.7562i	1.2762-1.2294i	-2.2516-2.9143i	-0.4212-2.3935i	1.0292-1.8879i	-0.5307-4.3034i	-4.3607+2.9168i
65.8	1.2331+1.7042i	1.3644-1.2208i	-2.3893-2.8556i	-0.4814-2.3289i	1.0843-1.8582i	-0.6498-4.2438i	-4.4080+2.9015i
65.9	1.2527+1.7083i	1.4483-1.2020i	-2.5090-2.8845i	-0.5292-2.2638i	1.1319-1.8276i	-0.7233-4.2990i	-4.5592+2.8525i
66.0	1.2366+1.5708i	1.5154-1.1873i	-2.5955-2.9716i	-0.5967-2.1351i	1.1723-1.7939i	-0.7807-4.3249i	-4.5506+2.5636i
66.1	1.3309+1.4562i	1.5598-1.2488i	-2.6861-2.8784i	-0.6370-2.0682i	1.2094-1.8372i	-0.8870-4.2374i	-4.4218+2.6130i
66.2	1.2741+1.3898i	1.6303-1.2578i	-2.8046-2.9105i	-0.6412-1.9264i	1.2559-1.8173i	-0.9962-4.2311i	-4.5598+2.4150i
66.3	1.2568+1.2528i	1.6479-1.3175i	-2.6917-2.8743i	-0.6700-1.8700i	1.2615-1.8686i	-0.9300-4.2524i	-4.4394+2.3764i
66.4	1.3333+1.0990i	1.6168-1.4580i	-2.6895-2.5703i	-0.6842-1.8152i	1.2352-1.9598i	-1.0069-4.0238i	-4.2257+2.6110i
66.5	1.4183+1.1032i	1.6454-1.6383i	-3.0026-2.4573i	-0.6962-1.7400i	1.2351-2.0953i	-1.3062-3.9847i	-4.3771+2.9460i
66.6	1.3752+1.1023i	1.7662-1.7077i	-3.1847-2.6184i	-0.6583-1.6799i	1.3315-2.1558i	-1.4340-4.1445i	-4.6417+2.8912i
66.7	1.3157+0.7760i	1.5588-1.7375i	-2.8796-2.4408i	-0.7159-1.5415i	1.1425-2.1403i	-1.3213-3.9144i	-3.9939+2.7560i
66.8	1.2618+0.7049i	1.5915-1.6817i	-2.8392-2.4023i	-0.6865-1.4620i	1.1791-2.0704i	-1.2415-3.8024i	-4.0151+2.6382i
66.9	1.1072+0.6778i	1.5694-1.6614i	-2.8874-2.4335i	-0.5942-1.3692i	1.1696-2.0275i	-1.2867-3.7638i	-4.1172+2.4158i
67.0	1.1037+0.6909i	1.5820-1.8185i	-3.2036-2.4131i	-0.5671-1.3180i	1.1665-2.1538i	-1.5523-3.8155i	-4.2497+2.6462i
67.1	1.1088+0.6151i	1.5370-1.9118i	-3.2581-2.2769i	-0.5583-1.2544i	1.1176-2.2217i	-1.7048-3.7752i	-4.0123+2.7895i
67.2	1.0457+0.5502i	1.4815-1.9145i	-3.2012-2.1415i	-0.5056-1.2194i	1.0786-2.2081i	-1.6971-3.6238i	-3.8710+2.7256i
67.3	0.9812+0.5797i	1.5311-2.0242i	-3.4384-2.1281i	-0.4826-1.1666i	1.1062-2.2934i	-1.8873-3.6515i	-4.1027+2.7842i
67.4	0.9125+0.4798i	1.3992-2.0751i	-3.3334-1.9675i	-0.4664-1.1248i	0.9984-2.3221i	-1.8539-3.5268i	-3.8348+2.8160i
67.5	0.8612+0.4060i	1.2802-2.0759i	-3.2288-1.8500i	-0.4380-1.1101i	0.9066-2.3024i	-1.8454-3.3823i	-3.5348+2.7938i
67.6	0.8157+0.4706i	1.2765-2.1488i	-3.4347-1.8516i	-0.3714-1.0715i	0.8999-2.3648i	-2.0411-3.4063i	-3.5362+2.8296i
67.7	0.7474+0.5059i	1.3112-2.1753i	-3.4348-1.8508i	-0.3389-1.0211i	0.9339-2.3795i	-2.0404-3.4223i	-3.5956+2.8505i
67.8	0.6773+0.4738i	1.2695-2.1603i	-3.3794-1.8210i	-0.3063-0.9951i	0.9047-2.3556i	-2.0315-3.3614i	-3.4632+2.6848i
67.9	0.6726+0.5233i	1.2257-2.2657i	-3.5315-1.7321i	-0.2485-1.0157i	0.8642-2.4573i	-2.2276-3.3636i	-3.4235+2.8193i
68.0	0.5755+0.4607i	1.0712-2.2111i	-3.3016-1.6863i	-0.2438-0.9850i	0.7481-2.3971i	-2.0982-3.2383i	-3.0591+2.5763i
68.1	0.5998+0.5236i	1.0800-2.3328i	-3.5163-1.5455i	-0.1841-0.9731i	0.7433-2.4854i	-2.3057-3.1740i	-3.1341+2.6593i
68.2	0.6048+0.5500i	1.0172-2.4191i	-3.5639-1.4244i	-0.1484-0.9809i	0.6855-2.5643i	-2.3508-3.1507i	-3.1197+2.7491i
68.3	0.5430+0.5455i	0.8622-2.3788i	-3.4273-1.4316i	-0.1513-0.9463i	0.5610-2.5245i	-2.3419-3.1264i	-2.8503+2.5293i
68.4	0.6067+0.5624i	0.8248-2.4563i	-3.6117-1.2497i	-0.1034-0.9812i	0.5103-2.5896i	-2.5507-2.9967i	-2.8797+2.5934i
68.5	0.5985+0.5552i	0.7710-2.4061i	-3.5920-1.1546i	-0.0550-0.9746i	0.4627-2.5378i	-2.6041-2.8907i	-2.7653+2.4899i
68.6	0.5364+0.5580i	0.7404-2.3256i	-3.4457-1.2098i	-0.0444-0.9353i	0.4453-2.4712i	-2.5062-2.8766i	-2.6959+2.2075i

68.7	0.5732+0.6447i	0.6437-2.4113i	-3.5862-1.1909i	-0.0195-0.9345i	0.3426-2.5450i	-2.7367-2.9204i	-2.6781+2.2543i
68.8	0.5615+0.6456i	0.5528-2.3423i	-3.5210-1.1698i	-0.0042-0.9020i	0.2533-2.4758i	-2.7796-2.8713i	-2.5574+2.1334i
68.9	0.6439+0.6224i	0.4497-2.3846i	-3.6154-0.9954i	0.0616-0.9446i	0.1491-2.5099i	-3.0392-2.6987i	-2.3143+2.1611i
69.0	0.7237+0.6737i	0.3698-2.5487i	-3.8175-0.8664i	0.0958-1.0205i	0.0542-2.6606i	-3.2821-2.6645i	-2.4075+2.2911i
69.1	0.7715+0.6743i	0.2565-2.5084i	-3.8686-0.7837i	0.1075-1.0461i	-0.0580-2.6121i	-3.4218-2.5351i	-2.3547+2.2569i
69.2	0.7354+0.6496i	0.2174-2.3955i	-3.7923-0.8465i	0.1260-1.0641i	-0.0873-2.5089i	-3.3861-2.4587i	-2.2558+1.9824i
69.3	0.7767+0.6595i	0.1796-2.4090i	-3.9578-0.8194i	0.1636-1.0856i	-0.1384-2.5143i	-3.5777-2.3541i	-2.2593+1.8805i
69.4	0.8774+0.5640i	-0.0782-2.3479i	-3.9763-0.5254i	0.0784-1.1116i	-0.4060-2.4369i	-3.7601-2.0187i	-1.9502+1.9165i
69.5	0.9242+0.5073i	-0.1778-2.3498i	-4.0440-0.3724i	0.0636-1.1500i	-0.5035-2.4008i	-3.8860-1.8464i	-1.8992+1.9999i
69.6	0.9723+0.4673i	-0.2695-2.2630i	-4.1124-0.2610i	0.0452-1.1689i	-0.5983-2.3096i	-3.9799-1.7088i	-1.8914+1.8795i
69.7	1.0005+0.4678i	-0.3121-2.2569i	-4.2295-0.1653i	0.0463-1.1742i	-0.6538-2.2968i	-4.0901-1.6561i	-1.8582+1.8507i
69.8	1.0094+0.4453i	-0.2740-2.1954i	-4.3759-0.1601i	0.0722-1.1510i	-0.6283-2.2167i	-4.2595-1.5359i	-1.8143+1.7067i
69.9	1.0284+0.3968i	-0.3097-2.0798i	-4.4230-0.0958i	0.0641-1.1141i	-0.6596-2.0887i	-4.3491-1.4128i	-1.7226+1.5710i
70.0	1.0285+0.3034i	-0.2748-1.9069i	-4.4736+0.0431i	0.0832-1.0764i	-0.6357-1.8991i	-4.4241-1.1556i	-1.6175+1.3742i
70.1	1.0629+0.2443i	-0.2629-1.8678i	-4.6439+0.2608i	0.1283-1.0920i	-0.6289-1.8291i	-4.6162-0.8869i	-1.5984+1.2349i
70.2	1.0710+0.1947i	-0.3880-1.8522i	-4.6568+0.5008i	0.0829-1.0905i	-0.7368-1.7858i	-4.7350-0.6202i	-1.4460+1.1854i
70.3	1.0495+0.1262i	-0.3827-1.7554i	-4.6133+0.7142i	0.0943-1.0799i	-0.7251-1.6731i	-4.7475-0.3427i	-1.4033+1.0563i
70.4	1.0722+0.0103i	-0.3620-1.6401i	-4.7683+1.0583i	0.1454-1.0806i	-0.7089-1.5247i	-4.9384+0.1227i	-1.2965+0.8364i
70.5	1.0513-0.1188i	-0.3752-1.5427i	-4.6725+1.4729i	0.1557-1.0880i	-0.6926-1.3865i	-4.8609+0.6096i	-1.2058+0.7095i
70.6	1.1095-0.2146i	-0.4663-1.4883i	-4.7342+1.7979i	0.1593-1.1142i	-0.7792-1.3095i	-4.9563+0.9732i	-1.1385+0.5960i
70.7	1.0380-0.3158i	-0.3348-1.4748i	-4.6916+2.1546i	0.2105-1.1833i	-0.6285-1.2591i	-4.8417+1.4291i	-1.2640+0.3617i
70.8	0.8771-0.4174i	-0.2036-1.4041i	-4.3350+2.6027i	0.2273-1.2181i	-0.4582-1.1550i	-4.4259+1.8790i	-1.4009+0.1682i
70.9	0.7470-0.5451i	-0.2085-1.2970i	-3.9512+3.0077i	0.1955-1.2257i	-0.4204-1.0331i	-4.0474+2.3434i	-1.3849-0.0704i
71.0	0.6794-0.6267i	-0.1896-1.2909i	-3.7391+3.3692i	0.1914-1.2676i	-0.3731-1.0031i	-3.8495+2.7441i	-1.3793-0.1718i
71.1	0.5371-0.7614i	-0.0877-1.2826i	-3.3308+3.9929i	0.1938-1.3630i	-0.2264-0.9611i	-3.3262+3.4275i	-1.5891-0.5578i
71.2	0.4150-0.8286i	-0.0440-1.2339i	-2.9978+4.2804i	0.1879-1.3929i	-0.1473-0.8965i	-2.9103+3.7044i	-1.6980-0.7612i
71.3	0.2022-0.7830i	0.0380-1.2417i	-2.2811+4.2364i	0.1445-1.4109i	-0.0019-0.9284i	-2.2197+3.6250i	-1.8621-0.7930i
71.4	0.0334-0.8361i	0.1275-1.1920i	-1.6955+4.3977i	0.1375-1.4280i	0.1360-0.8714i	-1.6252+3.8265i	-2.0370-0.9170i
71.5	-0.0393-0.7450i	0.1412-1.2323i	-1.3637+4.1327i	0.0770-1.4345i	0.1727-0.9439i	-1.3632+3.5861i	-2.1286-0.9259i
71.6	-0.1405-0.6979i	0.1230-1.3389i	-0.9582+4.2265i	0.0215-1.4985i	0.1963-1.0459i	-0.9371+3.6669i	-2.3008-0.9498i
71.7	-0.3529-0.5636i	0.2012-1.4850i	-0.2994+3.9950i	-0.0318-1.5264i	0.3244-1.2201i	-0.2787+3.4210i	-2.5846-0.9146i
71.8	-0.4905-0.4799i	0.2830-1.4320i	0.1490+3.5667i	-0.0589-1.4623i	0.4376-1.2020i	0.1201+3.0281i	-2.6452-0.8738i
71.9	-0.4368-0.3219i	0.1269-1.5187i	0.2881+3.2179i	-0.1467-1.4511i	0.2828-1.3284i	0.1870+2.6938i	-2.6487-0.6776i
72.0	-0.4858-0.2807i	0.2484-1.5467i	0.2769+3.1881i	-0.0846-1.4624i	0.4036-1.3627i	0.1879+2.6818i	-2.8244-0.8634i
72.1	-0.5409-0.2102i	0.2518-1.5727i	0.4305+2.9441i	-0.1054-1.4618i	0.4186-1.4038i	0.3186+2.4926i	-2.8715-0.8672i
72.2	-0.5308-0.1187i	0.0849-1.5978i	0.7198+2.6997i	-0.2067-1.4510i	0.2780-1.4606i	0.5679+2.3230i	-2.9520-0.6951i
72.3	-0.5924-0.0043i	0.0805-1.6142i	0.9396+2.3819i	-0.2480-1.4206i	0.2916-1.5099i	0.7422+2.0560i	-3.0313-0.6646i
72.4	-0.6063+0.0800i	0.0744-1.7037i	1.0082+2.3126i	-0.2583-1.4544i	0.2898-1.6043i	0.8234+2.0109i	-3.1313-0.6811i
72.5	-0.5810+0.1717i	0.0291-1.7963i	1.0322+2.1607i	-0.2679-1.4887i	0.2507-1.7019i	0.8501+1.8813i	-3.2359-0.6385i
72.6	-0.5201+0.1882i	0.0114-1.7003i	0.9299+1.8954i	-0.2485-1.4199i	0.2135-1.6333i	0.7142+1.6384i	-3.1082-0.6315i
72.7	-0.4606+0.2495i	-0.0798-1.6982i	1.0722+1.7365i	-0.3119-1.3960i	0.1333-1.6497i	0.8612+1.5461i	-3.2096-0.4616i
72.8	-0.4796+0.2962i	-0.1128-1.6735i	1.0872+1.5771i	-0.3279-1.3641i	0.1108-1.6411i	0.9110+1.4194i	-3.2084-0.5559i
72.9	-0.4598+0.4264i	-0.1921-1.8157i	1.0959+1.4107i	-0.3765-1.4275i	0.0293-1.7951i	0.9437+1.2990i	-3.2425-0.4376i
73.0	-0.4448+0.5097i	-0.2436-1.7887i	1.2018+1.0758i	-0.4178-1.3744i	-0.0190-1.8007i	1.0609+0.9959i	-3.2190-0.3434i
73.1	-0.4032+0.4691i	-0.2326-1.6738i	1.1509+1.0536i	-0.3817-1.2958i	-0.0236-1.6831i	1.0371+1.0223i	-3.0995-0.4048i
73.2	-0.3611+0.5331i	-0.2725-1.7516i	1.1197+1.1142i	-0.3841-1.3158i	-0.0565-1.7413i	1.0352+1.0863i	-3.1488-0.3756i
73.3	-0.3270+0.5633i	-0.3512-1.6761i	1.0422+0.8797i	-0.4309-1.2681i	-0.1337-1.6957i	0.9713+0.8511i	-3.1868-0.3493i
73.4	-0.3358+0.5352i	-0.3272-1.5825i	1.1094+0.7860i	-0.4091-1.2215i	-0.0994-1.6167i	1.0256+0.7811i	-3.1433-0.3400i
73.5	-0.3527+0.6275i	-0.2518-1.6929i	1.0360+0.6720i	-0.3620-1.2643i	-0.0479-1.7333i	0.9814+0.7700i	-3.1312-0.4125i
73.6	-0.3388+0.6331i	-0.2282-1.6795i	1.0746+0.6847i	-0.3334-1.2560i	-0.0154-1.7122i	1.0289+0.7889i	-3.1045-0.5248i
73.7	-0.3258+0.6628i	-0.2748-1.7182i	1.2089+0.6469i	-0.3425-1.2837i	-0.0382-1.7483i	1.1509+0.7605i	-3.1106-0.5740i
73.8	-0.2640+0.6697i	-0.3627-1.7169i	1.2297+0.5908i	-0.3861-1.2799i	-0.1319-1.7525i	1.2124+0.6912i	-3.1058-0.4907i
73.9	-0.2559+0.6901i	-0.3541-1.6883i	1.2848+0.5690i	-0.3703-1.2574i	-0.1044-1.7384i	1.2684+0.7392i	-3.0974-0.5238i
74.0	-0.2333+0.6888i	-0.3617-1.6630i	1.2476+0.5825i	-0.3681-1.2467i	-0.1160-1.7047i	1.2458+0.7777i	-3.1979-0.4979i
74.1	-0.2612+0.7029i	-0.3291-1.6571i	1.2771+0.4837i	-0.3522-1.2478i	-0.0767-1.7095i	1.2867+0.6597i	-3.2232-0.5788i
74.2	-0.1220+0.7107i	-0.5308-1.5589i	1.3690+0.4003i	-0.4609-1.1722i	-0.2668-1.6231i	1.4435+0.5664i	-3.0611-0.4267i
74.3	-0.0814+0.7187i	-0.5850-1.5350i	1.4232+0.3202i	-0.4638-1.1635i	-0.2983-1.6048i	1.5171+0.4786i	-2.9968-0.5352i
74.4	-0.1144+0.7124i	-0.4984-1.5359i	1.4796+0.2723i	-0.3974-1.1704i	-0.1961-1.6085i	1.5418+0.4617i	-3.0308-0.6556i
74.5	-0.1178+0.6519i	-0.4639-1.4629i	1.4070+0.2746i	-0.3936-1.1667i	-0.1838-1.5465i	1.5032+0.5007i	-3.0935-0.6469i
74.6	-0.0490+0.6338i	-0.4851-1.3623i	1.2837+0.1572i	-0.3989-1.0922i	-0.2210-1.4543i	1.3753+0.3826i	-2.9499-0.6126i
74.7	-0.1127+0.6544i	-0.4346-1.3783i	1.3516+0.0532i	-0.3645-1.0951i	-0.1520-1.4828i	1.4057+0.2581i	-2.9137-0.7876i
74.8	-0.1470+0.6574i	-0.3814-1.3822i	1.4126+0.0399i	-0.3194-1.1112i	-0.0896-1.4932i	1.4725+0.2449i	-2.9375-0.8423i
74.9	-0.0592+0.7742i	-0.5227-1.5384i	1.5634+0.0437i	-0.3833-1.1718i	-0.1946-1.6377i	1.6507+0.3102i	-2.9463-0.8663i

75.0	0.0074+0.7973i	-0.5791-1.5413i	1.5685+0.0566i	-0.3865-1.1678i	-0.2421-1.6426i	1.6562+0.3285i	-3.1443-0.8827i
75.1	0.0232+0.7536i	-0.5904-1.4577i	1.5781+0.0599i	-0.4073-1.1355i	-0.2614-1.5653i	1.6675+0.3178i	-3.1955-0.6827i
75.2	-0.0094+0.7568i	-0.5218-1.4625i	1.6352-0.0170i	-0.3664-1.1529i	-0.1876-1.5835i	1.7036+0.2459i	-3.2850-0.7966i
75.3	-0.0385+0.7635i	-0.4643-1.4539i	1.7683-0.1092i	-0.3207-1.1683i	-0.1019-1.5931i	1.8145+0.1630i	-3.1606-0.9654i
75.4	-0.0296+0.8529i	-0.4615-1.5583i	1.8456-0.4094i	-0.2991-1.2246i	-0.0887-1.7365i	1.8997-0.0528i	-3.1202-1.0510i
75.5	-0.0263+0.7911i	-0.5045-1.4131i	2.1433-0.5941i	-0.3217-1.1416i	-0.0660-1.6147i	2.2381-0.2230i	-2.8415-0.8802i
75.6	0.0224+0.7943i	-0.5917-1.4058i	2.0800-0.5763i	-0.3979-1.1319i	-0.1748-1.6097i	2.1638-0.2049i	-3.0445-0.8041i
75.7	0.1163+0.7565i	-0.6558-1.3390i	2.0743-0.7043i	-0.4119-1.1067i	-0.2418-1.5846i	2.1598-0.3171i	-3.1212-0.8440i
75.8	0.1099+0.7356i	-0.5933-1.3478i	2.0437-0.7328i	-0.3502-1.1301i	-0.1881-1.5982i	2.1177-0.3317i	-3.2153-0.9172i
75.9	0.0504+0.7628i	-0.5296-1.3225i	2.0563-1.1413i	-0.3253-1.1409i	-0.1302-1.6335i	2.1209-0.7248i	-2.9886-0.9775i
76.0	0.0963+0.7749i	-0.5714-1.3114i	2.2032-1.2176i	-0.3304-1.1431i	-0.1460-1.6552i	2.3179-0.7628i	-3.0923-1.0774i
76.1	-0.0010+0.7938i	-0.4105-1.3178i	2.1607-1.4084i	-0.2310-1.1704i	0.0140-1.6975i	2.2106-0.9297i	-2.9744-1.3892i
76.2	0.0988+0.7921i	-0.5462-1.3060i	2.2440-1.3642i	-0.2987-1.1590i	-0.1093-1.6765i	2.3362-0.8373i	-3.1169-1.2214i
76.3	0.1699+0.7818i	-0.6137-1.2872i	2.2597-1.4534i	-0.3141-1.1581i	-0.1744-1.6693i	2.4099-0.8946i	-3.1856-1.0984i
76.4	0.1783+0.8347i	-0.6348-1.3621i	2.2531-1.6374i	-0.3213-1.2357i	-0.1892-1.7853i	2.3980-1.0290i	-3.3560-1.2887i
76.5	0.1320+0.8541i	-0.5716-1.3737i	2.3135-2.1246i	-0.2865-1.2836i	-0.1169-1.8810i	2.4408-1.4803i	-3.1528-1.5710i
76.6	0.1969+0.9047i	-0.6202-1.4086i	2.1446-2.3709i	-0.3233-1.3273i	-0.2039-1.9703i	2.3119-1.7096i	-3.2799-1.6970i
76.7	0.1769+0.8681i	-0.6028-1.3778i	2.1744-2.5681i	-0.3222-1.3351i	-0.1872-1.9728i	2.3459-1.9198i	-3.1570-1.6057i
76.8	0.1277+0.9070i	-0.5452-1.3921i	2.3929-2.8181i	-0.2848-1.3390i	-0.1037-2.0389i	2.5815-2.1751i	-3.0833-1.6870i
76.9	0.1623+0.9720i	-0.5164-1.4298i	2.2162-3.0443i	-0.2571-1.3908i	-0.1008-2.1242i	2.4153-2.3266i	-3.2869-2.1607i
77.0	0.1764+0.9929i	-0.4903-1.4751i	1.9261-3.1949i	-0.2701-1.4364i	-0.1286-2.1953i	2.1092-2.4091i	-3.4589-2.2968i
77.1	0.2146+1.0558i	-0.5101-1.6133i	1.6229-3.6952i	-0.2937-1.5926i	-0.2185-2.4139i	1.8035-2.7786i	-3.7453-2.6714i
77.2	0.2379+1.0210i	-0.5521-1.5693i	1.6765-3.8120i	-0.3209-1.5857i	-0.2588-2.3981i	1.9229-2.9179i	-3.7210-2.3859i
77.3	0.3028+1.0406i	-0.5873-1.5894i	1.2623-4.0114i	-0.3696-1.6125i	-0.3734-2.4607i	1.5629-3.0475i	-4.0015-2.6535i
77.4	0.3223+1.0601i	-0.5749-1.6059i	1.0986-4.3860i	-0.3870-1.6778i	-0.4154-2.5496i	1.4257-3.4003i	-3.9695-2.6064i
77.5	0.2543+1.0417i	-0.4658-1.6260i	0.7156-4.2961i	-0.3593-1.6964i	-0.3821-2.5611i	1.0772-3.2435i	-4.0958-2.9258i
77.6	0.3907+1.0694i	-0.5880-1.6542i	0.4146-4.7328i	-0.4579-1.7537i	-0.5784-2.6694i	0.8746-3.6492i	-4.3121-3.0169i
77.7	0.3951+1.1178i	-0.6326-1.7413i	0.5665-4.7609i	-0.4829-1.8412i	-0.6051-2.7565i	1.0650-3.7093i	-4.3810-2.7729i
77.8	0.4495+1.1783i	-0.7111-1.8785i	0.2883-4.4981i	-0.5659-1.9460i	-0.7355-2.8410i	0.9083-3.3571i	-5.0123-2.8206i
77.9	0.5300+1.2268i	-0.8055-1.9515i	-0.0178-4.6614i	-0.6651-2.0187i	-0.8929-2.9427i	0.6923-3.4467i	-5.4120-3.1001i
78.0	0.5331+1.2436i	-0.8293-1.9993i	-0.4557-4.7130i	-0.7533-2.0712i	-1.0136-2.9913i	0.3450-3.5000i	-5.7208-3.2329i
78.1	0.5018+1.1565i	-0.7732-1.9379i	-0.5575-4.7054i	-0.7357-2.0569i	-0.9846-2.9226i	0.2320-3.5631i	-5.1581-3.1023i
78.2	0.6321+1.2071i	-0.9334-2.0040i	-0.9929-4.5952i	-0.8869-2.0873i	-1.2356-2.9619i	-0.1292-3.4054i	-5.6940-3.2051i
78.3	0.7719+1.1781i	-1.0805-1.9786i	-1.2686-4.4068i	-1.0253-2.0531i	-1.4535-2.8938i	-0.3335-3.2866i	-6.0745-2.9848i
78.4	0.8912+1.1637i	-1.2497-1.9834i	-1.1151-4.3359i	-1.1425-2.0601i	-1.6078-2.9021i	-0.0507-3.2646i	-6.3840-2.5282i
78.5	0.9939+1.2118i	-1.4138-2.0805i	-1.3487-4.2116i	-1.3012-2.1087i	-1.8128-2.9584i	-0.1554-3.1044i	-6.9906-2.6752i
78.6	1.0329+1.1786i	-1.5697-2.0608i	-1.8486-3.7166i	-1.4999-2.0329i	-2.0504-2.8105i	-0.5548-2.6410i	-7.4540-2.5269i
78.7	1.1040+1.0277i	-1.7006-1.8966i	-2.0431-3.6294i	-1.6129-1.9105i	-2.2362-2.5975i	-0.7357-2.7008i	-7.4034-1.8340i
78.8	1.1616+0.9200i	-1.7617-1.7597i	-2.0523-3.5470i	-1.6614-1.7959i	-2.3327-2.4398i	-0.7056-2.6875i	-7.4568-1.4340i
78.9	1.2098+0.7884i	-1.8788-1.5803i	-2.1029-3.3135i	-1.7644-1.6250i	-2.4669-2.1698i	-0.7684-2.5527i	-7.3038-0.8808i
79.0	1.1390+0.6361i	-1.8013-1.4043i	-2.1455-3.0262i	-1.6992-1.4752i	-2.3725-1.8934i	-0.8953-2.2768i	-6.8474-0.6832i
79.1	0.9940+0.7690i	-1.6073-1.5662i	-1.6988-2.8474i	-1.5027-1.5807i	-2.0639-2.0519i	-0.4638-1.9404i	-6.6779-1.3038i
79.2	1.0231+0.8751i	-1.7253-1.7552i	-1.6872-3.0476i	-1.6297-1.7469i	-2.1781-2.2556i	-0.3050-2.0705i	-7.1154-1.6026i
79.3	1.0204+0.9003i	-1.8142-1.7733i	-1.9596-2.9756i	-1.7414-1.7346i	-2.2827-2.2202i	-0.5088-1.9868i	-7.3423-1.6231i
79.4	0.9342+0.9358i	-1.7277-1.7911i	-2.0474-2.9268i	-1.6970-1.7157i	-2.2133-2.1933i	-0.5994-1.9520i	-7.1325-1.7339i
79.5	1.0654+0.8786i	-1.9004-1.6712i	-1.8301-2.7322i	-1.8093-1.6203i	-2.3397-2.0887i	-0.2267-1.8091i	-7.3793-1.4182i
79.6	1.1817+0.8644i	-2.0757-1.5915i	-1.9482-2.5881i	-1.9379-1.5164i	-2.5134-1.9558i	-0.2485-1.7814i	-7.6920-1.1312i
79.7	1.2502+0.8748i	-2.1761-1.5963i	-2.0428-2.7628i	-2.0138-1.5191i	-2.6218-1.9556i	-0.2847-1.9721i	-7.9186-1.0705i
79.8	1.3180+0.8000i	-2.2642-1.4155i	-1.8930-2.5754i	-2.0647-1.3497i	-2.6676-1.7709i	-0.0932-1.9255i	-8.0193-0.4659i
79.9	1.4436+0.7355i	-2.4111-1.2865i	-1.7682-2.5177i	-2.1505-1.2276i	-2.7897-1.6415i	0.1310-2.0164i	-8.2780+0.0454i
80.0	1.4348+0.6457i	-2.4189-1.1764i	-1.6615-2.7561i	-2.1338-1.1856i	-2.7751-1.5700i	0.2206-2.3052i	-7.9151+0.1681i

2.1.37 Run 4 – IP050 – Accels 1–8

In-plane shaking at 50°. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	21.2864+0.0000i	23.2198+0.0000i	-2.2060+0.0000i	25.1839+0.0000i	-3.4424+0.0000i	17.4007+0.0000i	10.6575+0.0000i	18.8712+0.0000i
0.1	16.9799+0.7806i	18.3144+0.0830i	-2.0396-0.3483i	20.1751-0.2677i	-2.3936+0.0744i	15.7880+1.8107i	11.1472+1.7104i	15.1546-0.9877i
0.2	-0.0280+0.3188i	0.3294-0.4344i	0.4809-0.2080i	0.6977-0.5881i	0.7381-0.2771i	1.5145+0.7301i	-0.1030+0.0859i	-0.5630-2.1590i
0.3	-0.1406+0.4567i	0.2312-0.4022i	0.2307+0.2725i	0.7529+0.1433i	0.4831+0.3006i	2.2110-0.5856i	0.0875+0.6731i	0.4327+0.1339i
0.4	-0.1889-0.1298i	-0.2071-0.1346i	-0.3615+0.1156i	0.0069-0.1711i	0.1864-0.1131i	1.7448-0.1690i	0.6574+0.1667i	0.7528+0.7899i
0.5	-0.0599-0.3846i	-0.0293-0.1794i	0.0056+0.0538i	-0.0709-0.0332i	0.1007+0.1418i	-0.1841+0.1136i	-0.1949+0.2626i	0.4050+0.2871i
0.6	0.2078-0.0206i	0.0441-0.0860i	-0.0171-0.0219i	-0.0643-0.0676i	-0.0298+0.0521i	-0.0572-0.0404i	-0.0354+0.0095i	0.0965+0.0849i
0.7	0.1487+0.0603i	0.0647+0.0048i	-0.0149-0.0025i	-0.0472-0.0215i	-0.0355+0.0026i	0.0282+0.0238i	-0.0078+0.0036i	-0.0242-0.0085i
0.8	0.1706+0.0843i	0.1328+0.0409i	0.0292-0.0089i	-0.0205+0.0013i	-0.0273-0.0111i	0.0748+0.0299i	0.0166+0.0181i	-0.0266-0.0138i
0.9	0.3598+0.1140i	0.1768+0.0131i	0.0444-0.0360i	-0.0090-0.0053i	-0.0480-0.0208i	0.0954-0.0012i	0.0164-0.0043i	-0.0435-0.0199i
1.0	0.5634+0.0935i	0.1763+0.0103i	0.0314-0.0409i	-0.0010-0.0065i	-0.0638-0.0168i	0.1065-0.0066i	0.0053-0.0042i	-0.0730-0.0232i
1.1	0.4154+0.0879i	0.2645+0.0201i	0.0291-0.0215i	-0.0056-0.0051i	-0.0887-0.0045i	0.1497-0.0138i	-0.0057-0.0077i	-0.1024-0.0078i
1.2	0.3268-0.0137i	0.4269+0.0027i	0.0697-0.0186i	-0.0119+0.0038i	-0.1251-0.0066i	0.2159-0.0117i	-0.0058-0.0022i	-0.1189-0.0051i
1.3	0.4614-0.0064i	0.5416-0.0029i	0.1086-0.0275i	-0.0097-0.0094i	-0.1537-0.0079i	0.2663-0.0399i	-0.0037+0.0006i	-0.1097+0.0221i
1.4	0.5726+0.0138i	0.6244-0.0021i	0.1599-0.0345i	-0.0103+0.0025i	-0.1750-0.0132i	0.3102-0.0550i	-0.0062-0.0009i	-0.0253-0.0027i
1.5	0.7714-0.0550i	0.8092-0.0797i	0.2304-0.1316i	-0.0202+0.0015i	-0.2347-0.0252i	0.4872-0.0857i	-0.0148-0.0022i	-0.1019-0.2044i
1.6	0.9203-0.1426i	0.9490-0.1564i	0.2493-0.2209i	-0.0188+0.0043i	-0.3080-0.0273i	0.6838-0.1943i	-0.0175-0.0002i	-0.3985-0.2572i
1.7	1.1410-0.3845i	1.1557-0.3830i	0.2853-0.4270i	-0.0176+0.0100i	-0.4072-0.0092i	0.8636-0.5456i	-0.0205-0.0000i	-0.5961-0.1373i
1.8	1.2814-0.6341i	1.3042-0.6218i	0.2709-0.6563i	-0.0180+0.0130i	-0.5040+0.0084i	0.9282-0.9151i	-0.0251-0.0005i	-0.7212-0.0340i
1.9	1.1499-1.0626i	1.1873-1.0382i	-0.1354-1.0781i	-0.0236+0.0165i	-0.6733+0.0339i	0.5163-1.5418i	-0.0348-0.0010i	-0.8760+0.1139i
2.0	0.9157-1.2523i	0.9615-1.2151i	-0.8522-1.2809i	-0.0265+0.0162i	-0.9628+0.0441i	-0.2044-1.8130i	-0.0487-0.0025i	-1.0855+0.2225i
2.1	1.0217-1.0231i	1.0806-0.9964i	-1.9072-0.9442i	-0.0369+0.0157i	-1.6796+0.1416i	-0.9505-1.3906i	-0.0825+0.0011i	-1.6554+0.3177i
2.2	1.7978-0.9686i	1.8690-0.9550i	-2.9442-0.5555i	-0.0603+0.0192i	-2.8390+0.4032i	-1.1982-1.0506i	-0.1335+0.0130i	-2.7337+0.5400i
2.3	2.0535-1.5895i	2.1250-1.5825i	-3.4085+0.4983i	-0.0717+0.0489i	-3.2649+1.5175i	-1.3513-0.7008i	-0.1539+0.0591i	-3.1106+1.5824i
2.4	-2.2856-1.2653i	-2.2068-1.2501i	1.5197+0.6768i	0.0841+0.0426i	2.8287+1.2024i	-0.7642-0.4157i	0.1029+0.0528i	2.8197+1.2755i
2.5	-1.5836-0.5681i	-1.4837-0.5497i	0.9557+0.1359i	0.0661+0.0206i	2.0025+0.4236i	-0.7375-0.3209i	0.0674+0.0186i	2.0193+0.4908i
2.6	-1.0616-0.3826i	-0.9510-0.3642i	0.5666+0.0240i	0.0494+0.0132i	1.4241+0.2441i	-0.6914-0.2634i	0.0416+0.0107i	1.4526+0.2976i
2.7	-0.8074-0.3007i	-0.7018-0.2879i	0.3933-0.0066i	0.0376+0.0090i	1.1702+0.1801i	-0.6686-0.2266i	0.0288+0.0082i	1.2059+0.2273i
2.8	-0.5994-0.2214i	-0.4967-0.2142i	0.2652-0.0331i	0.0283+0.0045i	0.9804+0.1223i	-0.6467-0.1950i	0.0186+0.0064i	1.0254+0.1654i
2.9	-0.4261-0.1881i	-0.3107-0.1766i	0.1992-0.0346i	0.0283+0.0071i	0.8514+0.1054i	-0.6021-0.1727i	0.0104+0.0043i	0.9002+0.1430i
3.0	-0.2928-0.1446i	-0.1696-0.1381i	0.1507-0.0323i	0.0243+0.0087i	0.7620+0.0806i	-0.5735-0.1478i	0.0036+0.0028i	0.8130+0.1127i
3.1	-0.2074-0.1325i	-0.0746-0.1292i	0.1200-0.0271i	0.0249+0.0078i	0.7090+0.0752i	-0.5655-0.1361i	-0.0007+0.0033i	0.7635+0.1049i
3.2	-0.0906-0.1278i	0.0578-0.1226i	0.0916-0.0271i	0.0248+0.0083i	0.6521+0.0697i	-0.5471-0.1285i	-0.0062+0.0036i	0.7101+0.0983i
3.3	-0.0075-0.1083i	0.1435-0.1016i	0.0722-0.0292i	0.0195+0.0073i	0.6191+0.0585i	-0.5355-0.1187i	-0.0102+0.0027i	0.6811+0.0855i
3.4	0.0928-0.0755i	0.2543-0.0717i	0.0542-0.0256i	0.0194+0.0027i	0.5830+0.0452i	-0.5213-0.0966i	-0.0155+0.0021i	0.6485+0.0677i
3.5	0.1742-0.0861i	0.3408-0.0812i	0.0399-0.0294i	0.0133+0.0034i	0.5546+0.0445i	-0.5071-0.1041i	-0.0203+0.0022i	0.6222+0.0684i
3.6	0.2492-0.0921i	0.4302-0.0893i	0.0297-0.0226i	0.0115+0.0019i	0.5315+0.0450i	-0.4973-0.0948i	-0.0245+0.0028i	0.6022+0.0661i
3.7	0.3242-0.0802i	0.5184-0.0795i	0.0269-0.0215i	0.0116+0.0036i	0.5124+0.0431i	-0.4853-0.0896i	-0.0288+0.0021i	0.5862+0.0633i
3.8	0.4033-0.0755i	0.6092-0.0768i	0.0245-0.0201i	0.0129+0.0027i	0.4958+0.0420i	-0.4727-0.0859i	-0.0332+0.0018i	0.5715+0.0612i
3.9	0.4824-0.0682i	0.7005-0.0649i	0.0106-0.0132i	0.0110+0.0044i	0.4791+0.0405i	-0.4707-0.0788i	-0.0384+0.0013i	0.5602+0.0570i
4.0	0.5556-0.0615i	0.7814-0.0586i	-0.0026-0.0146i	0.0069+0.0047i	0.4663+0.0386i	-0.4710-0.0767i	-0.0441+0.0018i	0.5529+0.0543i
4.1	0.6421-0.0537i	0.8805-0.0509i	-0.0047-0.0104i	0.0074+0.0048i	0.4520+0.0374i	-0.4625-0.0699i	-0.0502+0.0016i	0.5427+0.0524i
4.2	0.7194-0.0550i	0.9690-0.0567i	-0.0122-0.0099i	0.0055-0.0004i	0.4406+0.0389i	-0.4578-0.0685i	-0.0561+0.0015i	0.5370+0.0542i
4.3	0.8083-0.0530i	1.0705-0.0538i	-0.0233-0.0060i	-0.0019+0.0024i	0.4286+0.0393i	-0.4524-0.0659i	-0.0640+0.0018i	0.5307+0.0535i
4.4	0.8973-0.0579i	1.1719-0.0599i	-0.0285-0.0002i	-0.0022+0.0049i	0.4185+0.0407i	-0.4466-0.0614i	-0.0703+0.0025i	0.5254+0.0531i
4.5	0.9905-0.0592i	1.2801-0.0630i	-0.0372+0.0048i	-0.0021+0.0022i	0.4101+0.0422i	-0.4450-0.0575i	-0.0775+0.0031i	0.5243+0.0528i
4.6	1.0675-0.0509i	1.3694-0.0516i	-0.0373+0.0048i	-0.0018+0.0019i	0.4047+0.0421i	-0.4401-0.0546i	-0.0838+0.0029i	0.5238+0.0515i
4.7	1.1698-0.0573i	1.4915-0.0547i	-0.0466+0.0094i	-0.0057+0.0038i	0.3964+0.0444i	-0.4349-0.0535i	-0.0934+0.0033i	0.5223+0.0540i
4.8	1.2630-0.0609i	1.5996-0.0614i	-0.0558+0.0168i	-0.0119+0.0065i	0.3859+0.0457i	-0.4287-0.0506i	-0.1020+0.0044i	0.5181+0.0542i
4.9	1.3631-0.0608i	1.7138-0.0564i	-0.0648+0.0208i	-0.0167+0.0039i	0.3737+0.0464i	-0.4220-0.0462i	-0.1125+0.0043i	0.5131+0.0535i
5.0	1.4881-0.0539i	1.8624-0.0528i	-0.0704+0.0273i	-0.0188+0.0082i	0.3681+0.0493i	-0.4127-0.0471i	-0.1262+0.0051i	0.5159+0.0555i
5.1	1.5836-0.0532i	1.9688-0.0525i	-0.0852+0.0347i	-0.0294+0.0109i	0.3593+0.0527i	-0.4063-0.0461i	-0.1380+0.0052i	0.5163+0.0578i
5.2	1.6866-0.0665i	2.0960-0.0662i	-0.0897+0.0416i	-0.0330+0.0108i	0.3540+0.0585i	-0.4032-0.0480i	-0.1522+0.0073i	0.5220+0.0614i
5.3	1.8177-0.0833i	2.2439-0.0815i	-0.1024+0.0421i	-0.0422+0.0053i	0.3496+0.0687i	-0.4007-0.0556i	-0.1703+0.0091i	0.5296+0.0706i
5.4	1.9085-0.0892i	2.3577-0.0836i	-0.1177+0.0525i	-0.0515+0.0113i	0.3456+0.0793i	-0.4006-0.0565i	-0.1863+0.0119i	0.5370+0.0782i
5.5	2.0118-0.1079i	2.4790-0.1052i	-0.1266+0.0642i	-0.0608+0.0165i	0.3400+0.0856i	-0.3942-0.0558i	-0.2022+0.0177i	0.5409+0.0803i
5.6	2.1542-0.1191i	2.6394-0.1242i	-0.1431+0.0698i	-0.0678+0.0160i	0.3323+0.0911i	-0.3921-0.0608i	-0.2248+0.0207i	0.5475+0.0840i

5.7	2.2873-0.1287i	2.7923-0.1314i	-0.1837+0.0790i	-0.0857+0.0192i	0.3209+0.1000i	-0.4072-0.0642i	-0.2566+0.0245i	0.5578+0.0893i
5.8	2.4092-0.1675i	2.9376-0.1738i	-0.2160+0.1084i	-0.1026+0.0303i	0.3146+0.1153i	-0.4107-0.0648i	-0.2830+0.0391i	0.5687+0.0950i
5.9	2.5228-0.1894i	3.0716-0.1995i	-0.2302+0.1347i	-0.1164+0.0328i	0.3227+0.1368i	-0.4104-0.0654i	-0.3061+0.0518i	0.5901+0.1078i
6.0	2.6042-0.2143i	3.1657-0.2189i	-0.2156+0.1790i	-0.1375+0.0410i	0.3429+0.1605i	-0.4074-0.0554i	-0.3326+0.0642i	0.6209+0.1214i
6.1	2.7640-0.2510i	3.3469-0.2658i	-0.2152+0.1989i	-0.1660+0.0517i	0.3665+0.1617i	-0.4029-0.0572i	-0.3694+0.0805i	0.6610+0.1163i
6.2	2.8956-0.2452i	3.4967-0.2639i	-0.2316+0.1992i	-0.1905+0.0494i	0.3747+0.1628i	-0.4016-0.0556i	-0.4035+0.0863i	0.6862+0.1143i
6.3	3.0436-0.2370i	3.6695-0.2489i	-0.2616+0.2061i	-0.2269+0.0616i	0.3730+0.1636i	-0.4004-0.0547i	-0.4609+0.0957i	0.7121+0.1107i
6.4	3.2309-0.2531i	3.8886-0.2694i	-0.3096+0.2269i	-0.2828+0.0894i	0.3874+0.1608i	-0.4124-0.0547i	-0.5450+0.1207i	0.7642+0.1001i
6.5	3.3854-0.2882i	4.0726-0.3061i	-0.3494+0.2647i	-0.3288+0.1254i	0.3923+0.1722i	-0.4142-0.0526i	-0.6189+0.1575i	0.8029+0.0986i
6.6	3.5987-0.3408i	4.3229-0.3575i	-0.4204+0.3085i	-0.4038+0.1745i	0.4044+0.1759i	-0.4164-0.0442i	-0.7326+0.2245i	0.8686+0.0763i
6.7	3.7898-0.4061i	4.5275-0.4320i	-0.4807+0.3709i	-0.4922+0.2427i	0.4319+0.1766i	-0.4126-0.0414i	-0.8480+0.3160i	0.9443+0.0419i
6.8	4.0569-0.4492i	4.8323-0.4824i	-0.6006+0.4416i	-0.6347+0.3238i	0.4355+0.1763i	-0.4104-0.0368i	-1.0365+0.4218i	1.0256+0.0036i
6.9	4.3246-0.6744i	5.1475-0.7386i	-0.7164+0.6840i	-0.8006+0.6036i	0.4657+0.1877i	-0.4077-0.0301i	-1.2627+0.7799i	1.1444-0.1132i
7.0	4.6254-0.9714i	5.4900-1.0683i	-0.8756+1.0289i	-1.0366+1.0630i	0.5017+0.1923i	-0.4039-0.0254i	-1.5816+1.3529i	1.2955-0.3042i
7.1	4.6460-1.5642i	5.5142-1.7242i	-0.6988+1.6488i	-0.7881+1.9226i	0.5319+0.1500i	-0.3915-0.0249i	-1.2816+2.4276i	1.2412-0.7047i
7.2	3.9989-1.7019i	4.7965-1.8798i	0.1775+1.7622i	0.4724+2.1556i	0.5137+0.0586i	-0.3901-0.0308i	0.2718+2.7152i	0.7355-0.8890i
7.3	3.7779-1.4634i	4.5467-1.6064i	0.5950+1.5543i	1.1656+1.8375i	0.4682+0.0387i	-0.3973-0.0278i	1.1212+2.3215i	0.4395-0.7902i
7.4	3.7289-1.1373i	4.4865-1.2362i	0.8994+1.2227i	1.5627+1.2851i	0.4415+0.0543i	-0.3773-0.0227i	1.6097+1.6455i	0.2537-0.5737i
7.5	3.9238-0.7460i	4.7009-0.7947i	0.8774+0.7707i	1.5281+0.6702i	0.4335+0.0749i	-0.3684-0.0338i	1.5516+0.8844i	0.2771-0.3010i
7.6	4.3402-0.6321i	5.1571-0.6619i	0.6244+0.5657i	1.2627+0.3641i	0.4305+0.0879i	-0.3749-0.0424i	1.1978+0.5050i	0.4233-0.1701i
7.7	4.7783-0.6097i	5.6503-0.6322i	0.4194+0.5477i	1.1241+0.2914i	0.4209+0.0899i	-0.3767-0.0391i	0.9717+0.4384i	0.5279-0.1637i
7.8	5.2057-0.6799i	6.0972-0.6963i	0.3214+0.6351i	1.0607+0.2621i	0.4382+0.1037i	-0.3745-0.0365i	0.8514+0.4277i	0.6149-0.1794i
7.9	5.3992-0.8435i	6.2684-0.8184i	0.3307+0.6817i	1.0778+0.2454i	0.4321+0.1106i	-0.3738-0.0388i	0.8643+0.4298i	0.6182-0.1997i
8.0	5.5528-0.9747i	6.4970-0.8741i	0.2968+0.6759i	1.0922+0.1769i	0.4214+0.1120i	-0.3705-0.0376i	0.8637+0.3559i	0.6320-0.1938i
8.1	5.6849-0.9286i	6.7349-0.8556i	0.2689+0.6789i	1.0779+0.1065i	0.4317+0.1207i	-0.3659-0.0370i	0.8272+0.2900i	0.6794-0.1819i
8.2	6.0037-0.9171i	7.0868-0.8780i	0.2269+0.6821i	1.1094+0.0411i	0.4354+0.1260i	-0.3662-0.0401i	0.8180+0.2312i	0.7192-0.1712i
8.3	6.6096-0.9474i	7.6006-0.8954i	0.0904+0.6845i	1.1190-0.0212i	0.4387+0.1266i	-0.3663-0.0434i	0.7787+0.1708i	0.7962-0.1685i
8.4	6.8729-1.2355i	7.8851-1.0713i	0.0090+0.7472i	1.1161-0.0699i	0.4469+0.1251i	-0.3617-0.0431i	0.7306+0.1454i	0.8716-0.2051i
8.5	7.3713-1.6022i	8.4013-1.2812i	-0.1359+0.8751i	1.1474-0.1319i	0.4503+0.1328i	-0.3525-0.0405i	0.7053+0.1271i	0.9629-0.2587i
8.6	7.3317-2.3297i	8.6495-1.7498i	-0.2412+1.0914i	1.1732-0.2186i	0.4546+0.1281i	-0.3435-0.0416i	0.6974+0.1212i	1.0306-0.3630i
8.7	7.0034-2.4129i	8.7711-1.8829i	-0.3713+1.2265i	1.2475-0.2829i	0.4473+0.1188i	-0.3302-0.0436i	0.7209+0.0950i	1.1004-0.4318i
8.8	7.0707-2.2371i	9.0788-1.9376i	-0.5500+1.4333i	1.3160-0.3671i	0.4488+0.1260i	-0.3260-0.0503i	0.7283+0.0583i	1.1964-0.5093i
8.9	7.6535-2.2232i	9.6858-2.2006i	-0.7610+1.8855i	1.4124-0.5382i	0.4451+0.1314i	-0.3234-0.0612i	0.7355+0.0138i	1.3138-0.7011i
9.0	7.9672-2.6887i	9.9498-2.8614i	-0.6199+2.5905i	1.3743-0.8103i	0.4617+0.1492i	-0.3109-0.0644i	0.7266-0.0456i	1.3096-0.9928i
9.1	8.2535-2.9970i	10.2067-3.2671i	-0.4411+2.9818i	1.3660-0.9878i	0.4592+0.1692i	-0.2949-0.0697i	0.7551-0.1086i	1.2525-1.1404i
9.2	9.3362-4.0014i	11.3239-4.4132i	-1.1011+4.1145i	1.6423-1.4984i	0.4433+0.2157i	-0.2732-0.0821i	0.8085-0.2861i	1.5769-1.5700i
9.3	8.2156-5.7359i	10.0559-6.2652i	0.6214+5.8803i	0.9747-2.2134i	0.5170+0.2427i	-0.2558-0.1285i	0.6281-0.4610i	0.9612-2.3682i
9.4	5.9302-5.9192i	7.5747-6.4301i	3.5279+5.9187i	-0.1404-2.2646i	0.6078+0.2191i	-0.2707-0.1928i	0.3525-0.4912i	-0.1804-2.4807i
9.5	4.9243-4.6670i	6.4705-5.0779i	4.8933+4.4385i	-0.6769-1.7241i	0.6362+0.1618i	-0.3095-0.2199i	0.2084-0.3757i	-0.7532-1.9334i
9.6	4.8435-3.2787i	6.3869-3.5609i	5.3737+2.8060i	-0.8604-1.1247i	0.6338+0.1064i	-0.3491-0.2326i	0.1491-0.2482i	-0.9783-1.3000i
9.7	5.4739-2.3784i	7.0707-2.5780i	5.0446+1.7936i	-0.7271-0.7575i	0.6138+0.0812i	-0.3766-0.2315i	0.1600-0.1647i	-0.8504-0.8969i
9.8	6.1440-2.0629i	7.8097-2.2110i	4.6425+1.2788i	-0.5687-0.5612i	0.6027+0.0691i	-0.3923-0.2275i	0.1808-0.1199i	-0.6749-0.6816i
9.9	6.6882-1.7097i	8.4739-1.8123i	4.3890+0.8721i	-0.4507-0.4098i	0.5948+0.0588i	-0.4205-0.2245i	0.1967-0.0888i	-0.5654-0.5114i
10.0	7.1582-1.4393i	9.0169-1.5257i	4.2185+0.6115i	-0.3768-0.3202i	0.5869+0.0583i	-0.4414-0.2262i	0.2099-0.0721i	-0.4886-0.4103i
10.1	7.8107-1.3849i	9.7117-1.4989i	4.0279+0.4447i	-0.2888-0.2673i	0.5754+0.0501i	-0.4649-0.2240i	0.2283-0.0706i	-0.3976-0.3403i
10.2	8.3328-1.3302i	10.2729-1.4687i	3.9170+0.3328i	-0.2238-0.2518i	0.5717+0.0478i	-0.4769-0.2158i	0.2371-0.0774i	-0.3222-0.3000i
10.3	8.8025-1.2152i	10.7763-1.3269i	3.8538+0.2443i	-0.1908-0.2617i	0.5705+0.0489i	-0.4947-0.2059i	0.2288-0.0903i	-0.2681-0.2791i
10.4	9.2832-1.3124i	11.2970-1.3595i	3.8850+0.1660i	-0.1634-0.2436i	0.5729+0.0440i	-0.5045-0.1921i	0.2032-0.0956i	-0.2221-0.2553i
10.5	9.6018-1.4157i	11.6601-1.4233i	3.8732+0.0875i	-0.1723-0.2054i	0.5715+0.0446i	-0.5167-0.1806i	0.1806-0.0884i	-0.1983-0.2189i
10.6	10.2560-1.3457i	12.4319-1.3406i	3.8319+0.0079i	-0.1576-0.1350i	0.5745+0.0447i	-0.5349-0.1569i	0.1618-0.0601i	-0.1595-0.1808i
10.7	10.7841-1.2962i	12.9822-1.2596i	3.8385-0.1462i	-0.1192-0.1005i	0.5711+0.0369i	-0.5403-0.1503i	0.1635-0.0337i	-0.1217-0.1613i
10.8	11.1222-1.4909i	13.3858-1.3834i	3.8715-0.2445i	-0.0891-0.0913i	0.5660+0.0327i	-0.5388-0.1388i	0.1728-0.0254i	-0.0837-0.1466i
10.9	11.7066-1.6120i	14.1258-1.5135i	3.8615-0.3103i	-0.0457-0.0904i	0.5720+0.0354i	-0.5410-0.1227i	0.1797-0.0194i	-0.0423-0.1304i
11.0	12.1906-1.5754i	14.6741-1.4294i	3.9021-0.3960i	-0.0260-0.0655i	0.5703+0.0385i	-0.5317-0.1117i	0.1793-0.0138i	-0.0059-0.1212i
11.1	12.7830-1.6606i	15.3879-1.4763i	3.8934-0.5265i	0.0032-0.0560i	0.5731+0.0422i	-0.5298-0.0978i	0.1847-0.0119i	0.0235-0.1166i
11.2	13.1238-1.6877i	15.8445-1.5021i	3.8832-0.6211i	0.0338-0.0488i	0.5712+0.0450i	-0.5293-0.0926i	0.1887-0.0108i	0.0418-0.1124i
11.3	13.8294-1.5306i	16.6048-1.4378i	3.9177-0.6993i	0.0468-0.0359i	0.5783+0.0530i	-0.5254-0.0848i	0.1879-0.0067i	0.0715-0.1082i
11.4	14.6969-1.6507i	17.3842-1.5402i	3.9113-0.7771i	0.0797-0.0450i	0.5846+0.0539i	-0.5234-0.0792i	0.1903-0.0041i	0.0897-0.1044i
11.5	15.5715-1.9598i	18.2940-1.6825i	3.9216-0.8394i	0.1077-0.0487i	0.5888+0.0507i	-0.5237-0.0675i	0.1965-0.0021i	0.1129-0.0974i
11.6	16.1477-2.1440i	18.9904-1.7620i	3.8644-0.9607i	0.1280-0.0398i	0.5948+0.0510i	-0.5145-0.0635i	0.2030+0.0017i	0.1390-0.0972i
11.7	16.9436-2.4247i	19.8017-1.8657i	3.7683-0.9340i	0.1660-0.0393i	0.6003+0.0482i	-0.4980-0.0651i	0.2088+0.0038i	0.1650-0.1021i
11.8	17.7587-2.9006i	20.6852-2.0169i	3.8354-0.8415i	0.1929-0.0425i	0.6086+0.0456i	-0.4883-0.0647i	0.2108+0.0033i	0.1900-0.0981i
11.9	17.9036-3.6210i	21.2447-2.5195i	3.9810-0.7746i	0.2172-0.0523i	0.6094+0.0370i	-0.4780-0.0706i	0.2141+0.0001i	0.2217-0.1045i

12.0	18.5749-3.7722i	22.2694-2.7001i	4.1254-0.7312i	0.2389-0.0544i	0.6138+0.0340i	-0.4704-0.0764i	0.2212-0.0091i	0.2513-0.1139i
12.1	19.0407-4.3302i	23.0408-3.0342i	4.3352-0.6977i	0.2460-0.0567i	0.6118+0.0278i	-0.4590-0.0832i	0.2279-0.0170i	0.2788-0.1227i
12.2	19.2523-4.8253i	23.7840-3.5209i	4.5039-0.7435i	0.2564-0.0829i	0.6100+0.0236i	-0.4526-0.0896i	0.2363-0.0270i	0.3032-0.1390i
12.3	19.4838-5.0471i	24.4342-3.8361i	4.7013-0.7768i	0.2640-0.1029i	0.6046+0.0223i	-0.4400-0.1026i	0.2368-0.0370i	0.3308-0.1597i
12.4	19.9685-4.8108i	25.2910-3.6434i	4.8716-0.9521i	0.2850-0.1143i	0.6088+0.0353i	-0.4303-0.1269i	0.2346-0.0449i	0.3550-0.1963i
12.5	21.0093-4.9481i	26.7562-3.9973i	5.0726-1.0926i	0.2996-0.1297i	0.6212+0.0381i	-0.4348-0.1604i	0.2391-0.0605i	0.3713-0.2451i
12.6	21.7407-4.9968i	27.7919-4.2682i	5.3349-1.1796i	0.3210-0.1239i	0.6193+0.0429i	-0.4362-0.1924i	0.2415-0.0700i	0.3798-0.2910i
12.7	22.2682-4.7054i	28.5229-4.0625i	5.5711-1.3189i	0.3487-0.1243i	0.6177+0.0485i	-0.4476-0.2305i	0.2428-0.0780i	0.3706-0.3333i
12.8	23.2349-4.8617i	29.7066-4.3266i	5.7321-1.5378i	0.3478-0.1413i	0.6202+0.0608i	-0.4818-0.2682i	0.2259-0.0920i	0.3277-0.3730i
12.9	24.8039-4.9424i	31.6518-4.5600i	5.7285-1.6382i	0.3549-0.1522i	0.6417+0.0711i	-0.5324-0.2946i	0.2142-0.1037i	0.2847-0.3950i
13.0	26.2593-5.5522i	33.5062-5.4405i	5.7730-1.6210i	0.3448-0.1582i	0.6629+0.0723i	-0.6058-0.2882i	0.2016-0.1049i	0.2130-0.3733i
13.1	26.7174-5.4184i	34.0903-5.3142i	6.0166-1.5975i	0.3498-0.1507i	0.6595+0.0836i	-0.6325-0.2731i	0.1984-0.1048i	0.1846-0.3445i
13.2	28.4519-5.5580i	36.1049-5.5371i	6.4318-1.5437i	0.4051-0.1612i	0.6721+0.0999i	-0.6735-0.2525i	0.2010-0.1207i	0.1624-0.3003i
13.3	29.7137-5.2771i	37.6322-5.2908i	6.7362-1.5017i	0.4086-0.1612i	0.6907+0.1154i	-0.6826-0.2421i	0.1986-0.1265i	0.1777-0.2622i
13.4	32.0825-5.8588i	40.5710-6.0569i	7.3903-1.5788i	0.4593-0.1440i	0.7338+0.1253i	-0.7053-0.2182i	0.1883-0.1151i	0.2091-0.2216i
13.5	33.4682-6.4370i	42.2516-6.8478i	7.9843-1.7747i	0.4826-0.1562i	0.7578+0.1305i	-0.7121-0.2020i	0.1934-0.1025i	0.2389-0.1960i
13.6	36.0532-7.2142i	45.3257-7.8316i	8.6144-1.9087i	0.5213-0.1856i	0.7975+0.1249i	-0.7388-0.1862i	0.1950-0.1134i	0.2837-0.1854i
13.7	38.6803-8.2351i	48.5371-9.0782i	9.2747-2.1811i	0.5774-0.2161i	0.8359+0.1052i	-0.7595-0.1690i	0.2037-0.1402i	0.3452-0.1932i
13.8	40.4487-8.5899i	50.7290-9.4669i	10.1751-2.3954i	0.6348-0.2172i	0.8526+0.1056i	-0.7693-0.1515i	0.2152-0.1423i	0.3848-0.1930i
13.9	42.9163-8.9588i	53.7424-9.9615i	11.1694-2.7552i	0.7254-0.2502i	0.8745+0.1075i	-0.7762-0.1355i	0.2398-0.1586i	0.4271-0.2120i
14.0	45.0860-11.4188i	56.4292-12.9910i	12.2649-3.6266i	0.7490-0.3427i	0.8902+0.0803i	-0.7693-0.1111i	0.2501-0.2252i	0.4497-0.2617i
14.1	48.2887-13.5841i	60.3169-15.6551i	13.4919-4.2716i	0.7821-0.4431i	0.9151+0.0623i	-0.7836-0.0935i	0.2457-0.2985i	0.4637-0.3071i
14.2	52.0703-15.7745i	64.8480-18.2568i	14.4780-5.1269i	0.8117-0.5396i	0.9577+0.0538i	-0.7967-0.0839i	0.2314-0.3457i	0.4872-0.3459i
14.3	55.0667-17.9343i	68.4362-20.8506i	15.9240-6.6707i	0.7997-0.6466i	0.9729+0.0452i	-0.8043-0.0846i	0.2061-0.4016i	0.4997-0.3769i
14.4	58.9357-21.5070i	73.1617-25.1692i	17.6070-8.0572i	0.8456-0.7845i	0.9997+0.0259i	-0.8149-0.0797i	0.1967-0.4638i	0.5128-0.4289i
14.5	63.9495-26.2249i	79.2420-30.9313i	19.6753-10.5196i	0.9300-1.0130i	1.0573+0.0157i	-0.8193-0.0718i	0.2104-0.6305i	0.5554-0.4924i
14.6	66.0582-30.5973i	81.8810-36.1866i	20.6518-13.6486i	0.8747-1.2859i	1.0815+0.0207i	-0.8366-0.0631i	0.1113-0.8581i	0.5209-0.5759i
14.7	65.0195-37.9454i	80.7749-45.0184i	19.1948-16.8191i	0.3687-1.5272i	1.1288-0.0324i	-0.8603-0.0211i	-0.2958-1.0193i	0.3865-0.6537i
14.8	66.1373-40.1668i	82.2104-47.7626i	17.8547-18.5917i	-0.1063-1.4927i	1.1931-0.0659i	-0.8704-0.0128i	-0.6973-0.9398i	0.3040-0.6296i
14.9	68.3763-42.4357i	84.9955-50.5557i	17.9846-18.7153i	-0.4501-1.0815i	1.2345-0.1174i	-0.8717+0.0312i	-1.0388-0.5980i	0.2588-0.5345i
15.0	75.0088-43.0444i	93.0669-51.3602i	20.4279-18.5357i	-0.5100-0.7789i	1.2879-0.1354i	-0.8644+0.0330i	-1.1485-0.3752i	0.2881-0.4823i
15.1	89.8454-52.1524i	111.0586-62.4615i	26.1781-21.4751i	-0.5060-0.4015i	1.4172-0.2339i	-0.9013+0.0416i	-1.2685+0.0124i	0.3677-0.4624i
15.2	102.7430-65.5601i	126.6185-78.6314i	33.5088-28.6861i	-0.3109-0.0602i	1.4941-0.3286i	-0.9437+0.0517i	-1.2458+0.3563i	0.4371-0.4657i
15.3	107.5716-82.7970i	132.4787-99.4550i	38.5240-39.2578i	-0.0653+0.1034i	1.4892-0.4243i	-0.9569+0.0673i	-1.1179+0.6035i	0.4876-0.4893i
15.4	109.6437-119.4113i	135.2677-143.4900i	43.1460-61.1114i	0.3559+0.2812i	1.4468-0.6324i	-0.9637+0.1359i	-0.8597+0.9853i	0.5237-0.5794i
15.5	94.8485-165.9546i	117.6227-199.6926i	31.2641-88.0098i	0.7781+0.2112i	1.4255-0.9076i	-0.9614+0.2422i	-0.5112+1.2565i	0.5200-0.7054i
15.6	56.9523-197.5533i	71.9309-237.8656i	5.0885-114.6603i	1.2266-0.0589i	1.2425-1.0163i	-0.9422+0.2750i	-0.0476+1.3164i	0.4991-0.7729i
15.7	2.2766-195.8086i	6.0060-236.0428i	-34.7381-111.9714i	1.3076-0.5643i	0.9631-1.0616i	-0.8916+0.3400i	0.3500+1.0833i	0.3738-0.8504i
15.8	-56.9215-163.3373i	-64.9874-197.4161i	-84.9636-80.6489i	1.2085-1.2035i	0.7565-1.0046i	-0.8232+0.4228i	0.6721+0.6003i	0.2453-0.9074i
15.9	-67.0565-135.3503i	-77.0279-163.8196i	-104.9961-60.7174i	1.2743-1.4643i	0.7976-0.7599i	-0.8302+0.4012i	0.6925+0.2989i	0.2486-0.8506i
16.0	-65.8863-115.5396i	-75.5865-140.1126i	-111.0070-36.3583i	1.1668-1.7084i	0.8846-0.6995i	-0.8263+0.4278i	0.5987+0.1363i	0.2421-0.8604i
16.1	-58.3950-102.2963i	-66.5012-124.5718i	-111.0682-9.1227i	0.9969-1.9626i	1.0194-0.7053i	-0.7792+0.4709i	0.4773+0.0143i	0.2591-0.8993i
16.2	-47.8396-94.4488i	-53.6946-115.3706i	-107.6375+6.6937i	0.9913-2.1372i	1.1371-0.6792i	-0.7470+0.4736i	0.4120-0.0753i	0.3013-0.8987i
16.3	-43.6089-94.8612i	-48.6761-116.1673i	-98.8727+24.0672i	0.7925-2.4315i	1.2116-0.7724i	-0.7037+0.4665i	0.3231-0.1737i	0.2943-0.9481i
16.4	-47.1907-96.4840i	-53.3011-118.5671i	-83.7889+45.9834i	0.3314-2.8487i	1.2196-0.9357i	-0.6285+0.4714i	0.1751-0.3111i	0.2289-1.0203i
16.5	-51.5804-96.6102i	-58.9526-119.0934i	-68.1846+53.8403i	-0.2285-2.9641i	1.2368-1.0052i	-0.5971+0.4378i	-0.0384-0.3389i	0.1805-1.0448i
16.6	-61.7058-92.1493i	-71.6704-113.9228i	-46.5781+60.8010i	-1.0260-2.6272i	1.2208-1.2417i	-0.5680+0.4222i	-0.2913-0.1274i	0.0668-1.0364i
16.7	-67.1489-84.8950i	-78.6322-105.1232i	-30.5949+59.8157i	-1.2538-2.1906i	1.0901-1.4280i	-0.5140+0.4020i	-0.2564+0.0426i	0.0500-1.0333i
16.8	-74.4111-74.2743i	-87.8103-92.1963i	-13.6648+56.9547i	-1.4373-1.8679i	0.8638-1.5799i	-0.4543+0.3386i	-0.1828+0.0971i	0.0027-1.0805i
16.9	-77.1517-68.5649i	-91.3561-85.3137i	-3.1911+55.1784i	-1.5389-1.8050i	0.7717-1.7011i	-0.4556+0.2900i	-0.1679+0.0541i	-0.0196-1.1956i
17.0	-76.4648-64.0140i	-90.8131-79.7962i	2.6863+47.2500i	-1.7509-1.6474i	0.6631-1.7636i	-0.4762+0.2568i	-0.2598+0.0548i	-0.1306-1.2774i
17.1	-76.2127-51.8732i	-90.7697-64.8346i	6.2177+34.6561i	-1.8596-1.1428i	0.3800-1.7409i	-0.4914+0.2115i	-0.3363+0.1611i	-0.3387-1.2037i
17.2	-74.6112-46.9901i	-88.8876-58.8663i	7.0504+34.6293i	-1.8512-0.8988i	0.2812-1.8177i	-0.5348+0.1848i	-0.3529+0.2997i	-0.3826-1.2238i
17.3	-70.9000-42.4761i	-84.4030-53.3023i	10.3459+30.1654i	-1.7576-0.6880i	0.0774-1.7643i	-0.5623+0.1788i	-0.2875+0.3792i	-0.5145-1.1795i
17.4	-68.4439-36.9357i	-81.5024-46.4244i	11.3782+23.8820i	-1.6381-0.4300i	-0.1420-1.6384i	-0.5740+0.1723i	-0.2261+0.4294i	-0.6458-1.0560i
17.5	-66.8041-35.4713i	-79.7050-44.6364i	12.8443+21.9191i	-1.5703-0.2535i	-0.2942-1.6135i	-0.6129+0.1731i	-0.1714+0.5146i	-0.7458-0.9973i
17.6	-65.5167-32.6429i	-78.2878-41.1435i	14.5891+18.3332i	-1.4311-0.1007i	-0.4679-1.4793i	-0.6392+0.1881i	-0.0661+0.5547i	-0.8252-0.8696i
17.7	-64.7855-30.1813i	-77.5049-38.1025i	16.0989+14.8838i	-1.3045-0.0309i	-0.5945-1.3406i	-0.6571+0.2047i	0.0262+0.5551i	-0.8721-0.7660i
17.8	-64.1919-29.0770i	-76.8664-36.7003i	16.6622+12.1768i	-1.1936-0.0126i	-0.6622-1.2189i	-0.6717+0.2292i	0.1035+0.5344i	-0.8964-0.6907i
17.9	-61.8517-25.8874i	-74.0098-32.6734i	14.2850+7.9292i	-1.0221+0.0126i	-0.6594-1.0197i	-0.6649+0.2430i	0.1632+0.4752i	-0.8465-0.5668i
18.0	-59.5812-23.2332i	-71.2793-29.3103i	11.7523+5.1110i	-0.8850-0.0151i	-0.6367-0.8440i	-0.6611+0.2535i	0.2057+0.4069i	-0.7999-0.4718i
18.1	-57.5591-20.6953i	-68.8806-26.1087i	9.8776+3.4277i	-0.7967-0.0803i	-0.6008-0.6922i	-0.6628+0.2552i	0.2289+0.3220i	-0.7521-0.3924i
18.2	-56.6368-19.2763i	-67.7720-24.3219i	9.2024+2.6753i	-0.7585-0.1248i	-0.5740-0.6125i	-0.6753+0.2592i	0.2375+0.2660i	-0.7249-0.3566i

18.3	-55.8883-18.2700i	-66.8324-23.0444i	8.8002+2.4166i	-0.7480-0.1735i	-0.5402-0.5601i	-0.6852+0.2597i	0.2265+0.2139i	-0.7053-0.3401i
18.4	-54.7834-16.7035i	-65.4673-21.0584i	8.5049+1.9708i	-0.7457-0.2450i	-0.5074-0.4980i	-0.6931+0.2633i	0.2004+0.1349i	-0.6809-0.3223i
18.5	-51.9444-14.9104i	-61.9706-18.7758i	7.4621+0.6957i	-0.8760-0.3662i	-0.4180-0.4075i	-0.7234+0.2794i	0.0369+0.0366i	-0.6437-0.3215i
18.6	-50.0853-14.3162i	-59.6504-18.0208i	6.4779-0.6268i	-1.1005-0.2506i	-0.3410-0.3740i	-0.7402+0.3341i	-0.1355+0.1453i	-0.6692-0.3014i
18.7	-48.7108-14.0745i	-57.9381-17.7239i	4.5755-1.2938i	-1.0915-0.0327i	-0.2862-0.3703i	-0.7011+0.3779i	-0.1246+0.3050i	-0.6620-0.2428i
18.8	-47.9149-13.7269i	-56.9828-17.3064i	3.1206-0.7669i	-0.9689+0.0691i	-0.2409-0.3779i	-0.6607+0.3785i	-0.0514+0.3677i	-0.6232-0.2044i
18.9	-47.3207-13.1471i	-56.2537-16.5668i	2.4703-0.2178i	-0.9231+0.1255i	-0.2202-0.3786i	-0.6383+0.3784i	-0.0211+0.4032i	-0.6043-0.1816i
19.0	-46.3237-12.0835i	-55.0236-15.2223i	1.7502+0.1120i	-0.8538+0.1798i	-0.2022-0.3679i	-0.6157+0.3664i	0.0184+0.4310i	-0.5771-0.1514i
19.1	-45.2927-11.1900i	-53.7540-14.0993i	1.5122+0.4148i	-0.7657+0.1993i	-0.1919-0.3556i	-0.6113+0.3524i	0.0680+0.4370i	-0.5460-0.1311i
19.2	-44.4982-10.7182i	-52.7706-13.5131i	1.6411+0.7649i	-0.6969+0.1940i	-0.1831-0.3453i	-0.6167+0.3402i	0.1071+0.4382i	-0.5280-0.1251i
19.3	-43.5333-10.1552i	-51.5582-12.8010i	1.6536+0.9914i	-0.6544+0.1976i	-0.1607-0.3405i	-0.6237+0.3271i	0.1317+0.4305i	-0.5061-0.1203i
19.4	-42.5910-9.7176i	-50.3712-12.2260i	1.5587+1.0629i	-0.6258+0.1983i	-0.1442-0.3313i	-0.6318+0.3161i	0.1456+0.4235i	-0.4896-0.1111i
19.5	-41.2326-8.8286i	-48.6821-11.0801i	1.2396+0.9116i	-0.5676+0.2004i	-0.1265-0.3178i	-0.6415+0.3089i	0.1684+0.4049i	-0.4604-0.0934i
19.6	-40.5003-8.5711i	-47.7682-10.7665i	1.2714+0.9531i	-0.5258+0.1997i	-0.1139-0.3163i	-0.6635+0.3010i	0.1891+0.3996i	-0.4446-0.0931i
19.7	-39.8326-8.2866i	-46.9211-10.4136i	1.3223+0.9284i	-0.5147+0.1950i	-0.0986-0.3198i	-0.6886+0.2927i	0.1991+0.3895i	-0.4357-0.0913i
19.8	-39.1974-8.0174i	-46.1234-10.0416i	1.3626+1.0522i	-0.5136+0.1953i	-0.0813-0.3251i	-0.7146+0.2907i	0.2033+0.3874i	-0.4342-0.0901i
19.9	-38.3236-7.6052i	-45.0249-9.5464i	1.3019+1.1217i	-0.4742+0.2002i	-0.0734-0.3206i	-0.7413+0.2923i	0.2124+0.3878i	-0.4271-0.0826i
20.0	-37.4310-7.2939i	-43.9156-9.1432i	1.2335+1.1726i	-0.4616+0.2026i	-0.0599-0.3220i	-0.7755+0.2921i	0.2192+0.3853i	-0.4204-0.0751i
20.1	-36.5271-6.9800i	-42.7438-8.7433i	1.1181+1.1129i	-0.4446+0.2033i	-0.0468-0.3206i	-0.8053+0.3041i	0.2244+0.3850i	-0.4101-0.0652i
20.2	-36.0839-6.9308i	-42.1567-8.6997i	1.3824+1.0491i	-0.3871+0.1927i	-0.0534-0.3266i	-0.8508+0.3470i	0.2567+0.3837i	-0.4099-0.0574i
20.3	-35.5538-6.7259i	-41.5103-8.4441i	1.4660+0.8782i	-0.3541+0.2021i	-0.0522-0.3268i	-0.8844+0.3847i	0.2798+0.3780i	-0.4054-0.0406i
20.4	-34.8512-6.4794i	-40.6135-8.1385i	1.4715+0.7339i	-0.3292+0.1846i	-0.0413-0.3292i	-0.9222+0.4443i	0.2945+0.3619i	-0.3954-0.0267i
20.5	-34.3560-6.2905i	-39.9599-7.9299i	1.4326+0.6180i	-0.3130+0.1594i	-0.0363-0.3306i	-0.9521+0.4995i	0.3034+0.3470i	-0.3951-0.0124i
20.6	-33.7728-6.0233i	-39.2280-7.5938i	1.4624+0.4021i	-0.2931+0.1422i	-0.0363-0.3350i	-0.9742+0.6020i	0.3199+0.3181i	-0.3880+0.0119i
20.7	-33.2630-6.0243i	-38.5608-7.6072i	1.4739+0.2774i	-0.2792+0.1307i	-0.0439-0.3407i	-0.9521+0.6832i	0.3170+0.3050i	-0.3735+0.0288i
20.8	-32.8920-6.0158i	-38.0996-7.6194i	1.4299+0.2030i	-0.2740+0.1195i	-0.0428-0.3550i	-0.9215+0.7507i	0.3256+0.3021i	-0.3551+0.0419i
20.9	-32.4758-5.9437i	-37.5894-7.5143i	1.2630+0.0915i	-0.2770+0.1014i	-0.0487-0.3541i	-0.8595+0.8047i	0.3222+0.2803i	-0.3334+0.0519i
21.0	-32.0770-5.8231i	-37.1061-7.3613i	1.1593-0.0164i	-0.2794+0.1050i	-0.0515-0.3648i	-0.8006+0.8831i	0.3209+0.2715i	-0.3081+0.0742i
21.1	-31.7337-5.6383i	-36.6406-7.1548i	1.0179-0.0897i	-0.2648+0.0878i	-0.0548-0.3544i	-0.7362+0.9044i	0.3139+0.2627i	-0.2787+0.0857i
21.2	-31.3118-5.5894i	-36.0987-7.1234i	0.9554-0.0559i	-0.2512+0.1000i	-0.0723-0.3634i	-0.6810+0.8997i	0.3229+0.2620i	-0.2481+0.0804i
21.3	-30.8855-5.5357i	-35.5764-7.0372i	0.8049-0.0089i	-0.2459+0.0813i	-0.0765-0.3594i	-0.6038+0.8830i	0.3266+0.2614i	-0.2077+0.0771i
21.4	-30.6768-5.3424i	-35.3128-6.7547i	0.7621-0.1050i	-0.2245+0.0715i	-0.0929-0.3454i	-0.5400+0.8808i	0.3364+0.2496i	-0.1817+0.0794i
21.5	-30.4013-5.0985i	-34.9293-6.4371i	0.8083-0.1854i	-0.1961+0.0561i	-0.1078-0.3326i	-0.5234+0.8632i	0.3477+0.2346i	-0.1646+0.0625i
21.6	-29.9775-4.9230i	-34.3735-6.2063i	0.7878-0.1195i	-0.1883+0.0354i	-0.1122-0.3286i	-0.5457+0.8236i	0.3505+0.2228i	-0.1507+0.0328i
21.7	-29.5992-4.8263i	-33.8886-6.0900i	0.7864-0.1369i	-0.1903+0.0244i	-0.1254-0.3158i	-0.5572+0.8216i	0.3475+0.2051i	-0.1471+0.0172i
21.8	-29.2523-4.7897i	-33.4485-6.0437i	0.7487-0.1623i	-0.2039+0.0149i	-0.1305-0.3102i	-0.5656+0.8389i	0.3412+0.1916i	-0.1418+0.0030i
21.9	-28.8623-4.6841i	-32.9506-5.8870i	0.7499-0.2276i	-0.2026+0.0124i	-0.1392-0.2988i	-0.5912+0.8599i	0.3306+0.1807i	-0.1490-0.0111i
22.0	-28.6805-4.5428i	-32.6850-5.6926i	0.8353-0.3508i	-0.1957+0.0047i	-0.1495-0.2784i	-0.6086+0.9250i	0.3355+0.1709i	-0.1552-0.0126i
22.1	-28.4384-4.4631i	-32.3440-5.6140i	0.8501-0.5018i	-0.1988-0.0198i	-0.1541-0.2718i	-0.6043+1.0080i	0.3392+0.1549i	-0.1585-0.0203i
22.2	-27.9526-4.4194i	-31.6671-5.5921i	0.7493-0.5596i	-0.2059-0.0347i	-0.1498-0.2565i	-0.6314+1.0624i	0.3222+0.1495i	-0.1583-0.0284i
22.3	-27.7318-4.3895i	-31.3634-5.5226i	0.6952-0.6535i	-0.2092-0.0290i	-0.1527-0.2396i	-0.5982+1.1298i	0.3168+0.1504i	-0.1612-0.0231i
22.4	-27.4447-4.3057i	-30.9766-5.4639i	0.5923-0.8399i	-0.2179-0.0458i	-0.1568-0.2250i	-0.5139+1.2902i	0.3146+0.1360i	-0.1708-0.0191i
22.5	-27.2803-4.2734i	-30.7447-5.4240i	0.5220-0.9627i	-0.2158-0.0647i	-0.1492-0.2225i	-0.4471+1.3887i	0.3157+0.1286i	-0.1706-0.0205i
22.6	-27.1385-4.3690i	-30.5728-5.5916i	0.4665-1.0482i	-0.2117-0.0658i	-0.1549-0.2193i	-0.3422+1.5249i	0.3225+0.1281i	-0.1707-0.0250i
22.7	-26.9131-4.2932i	-30.2959-5.4568i	0.1637-1.1623i	-0.2204-0.0720i	-0.1544-0.2006i	-0.0842+1.6325i	0.3166+0.1164i	-0.1699-0.0130i
22.8	-26.7240-4.1372i	-30.0917-5.2784i	-0.0350-1.1944i	-0.2311-0.0724i	-0.1524-0.1800i	0.1365+1.6118i	0.3099+0.1100i	-0.1684+0.0067i
22.9	-26.6414-3.9783i	-29.9888-5.0358i	-0.2064-1.1107i	-0.2375-0.0959i	-0.1441-0.1646i	0.3881+1.4816i	0.3093+0.1011i	-0.1513+0.0166i
23.0	-26.5483-3.9949i	-29.8278-5.0387i	-0.3175-0.9545i	-0.2496-0.0822i	-0.1400-0.1666i	0.5192+1.3309i	0.3025+0.1051i	-0.1439+0.0151i
23.1	-26.2471-3.8143i	-29.4681-4.7534i	-0.4878-0.8323i	-0.2296-0.0916i	-0.1374-0.1453i	0.6612+1.1642i	0.2991+0.0942i	-0.1286+0.0163i
23.2	-26.0899-3.7942i	-29.2102-4.6765i	-0.4958-0.6840i	-0.2401-0.0944i	-0.1372-0.1289i	0.7356+0.9813i	0.2945+0.0865i	-0.1264+0.0132i
23.3	-25.8402-3.6728i	-28.8324-4.5566i	-0.5395-0.5613i	-0.2651-0.0985i	-0.1347-0.1141i	0.7851+0.7987i	0.2788+0.0813i	-0.1246+0.0092i
23.4	-25.5053-3.6063i	-28.3782-4.4138i	-0.5583-0.4661i	-0.2667-0.0873i	-0.1166-0.1041i	0.7257+0.6504i	0.2617+0.0820i	-0.1137+0.0063i
23.5	-25.3195-3.4777i	-28.0331-4.2506i	-0.4988-0.3749i	-0.2696-0.0687i	-0.1080-0.0960i	0.6676+0.5057i	0.2563+0.0846i	-0.1084+0.0055i
23.6	-25.2262-3.4340i	-27.8714-4.1399i	-0.4539-0.3371i	-0.3016-0.0526i	-0.1095-0.0847i	0.6569+0.3957i	0.2552+0.0827i	-0.1144+0.0121i
23.7	-24.9310-3.4434i	-27.4645-4.1536i	-0.4647-0.3079i	-0.2856-0.0745i	-0.0928-0.0865i	0.5871+0.3304i	0.2513+0.0826i	-0.1067+0.0031i
23.8	-24.7276-3.3280i	-27.1961-4.0519i	-0.4369-0.3227i	-0.2810-0.0709i	-0.0861-0.0851i	0.5228+0.2787i	0.2457+0.0797i	-0.1040+0.0026i
23.9	-24.5642-3.2367i	-26.9068-3.9690i	-0.4037-0.3373i	-0.2824-0.0552i	-0.0779-0.0769i	0.4520+0.2347i	0.2427+0.0779i	-0.1013+0.0108i
24.0	-24.4159-3.2342i	-26.6416-3.8834i	-0.3825-0.3128i	-0.2930-0.0508i	-0.0707-0.0726i	0.3990+0.1992i	0.2404+0.0747i	-0.1002+0.0140i
24.1	-24.1806-3.1739i	-26.2716-3.8194i	-0.3865-0.2760i	-0.2959-0.0403i	-0.0614-0.0700i	0.3385+0.1645i	0.2295+0.0748i	-0.0938+0.0150i
24.2	-24.0063-3.2140i	-25.9911-3.8842i	-0.3688-0.2356i	-0.2905-0.0376i	-0.0545-0.0715i	0.2939+0.1512i	0.2240+0.0783i	-0.0901+0.0142i
24.3	-23.8375-3.0682i	-25.6784-3.6903i	-0.3857-0.2914i	-0.2885-0.0405i	-0.0505-0.0661i	0.2596+0.1268i	0.2236+0.0671i	-0.0816+0.0215i
24.4	-23.7512-3.1269i	-25.4977-3.6393i	-0.3506-0.2995i	-0.3012-0.0345i	-0.0483-0.0662i	0.2310+0.1037i	0.2208+0.0633i	-0.0790+0.0240i
24.5	-23.5934-3.0227i	-25.2815-3.4685i	-0.3668-0.3478i	-0.3051-0.0405i	-0.0431-0.0626i	0.2044+0.0944i	0.2137+0.0548i	-0.0744+0.0266i

24.6	-23.5373-3.0820i	-25.1758-3.6541i	-0.2920-0.2999i	-0.3183-0.0517i	-0.0407-0.0698i	0.1877+0.1039i	0.2172+0.0610i	-0.0739+0.0218i
24.7	-23.3454-3.1230i	-24.8285-3.6859i	-0.2706-0.2861i	-0.3354-0.0602i	-0.0357-0.0710i	0.1536+0.1121i	0.2041+0.0646i	-0.0629+0.0286i
24.8	-23.1953-3.0264i	-24.5637-3.5536i	-0.2788-0.3061i	-0.3188-0.0312i	-0.0346-0.0675i	0.1233+0.1018i	0.1960+0.0637i	-0.0546+0.0280i
24.9	-23.0232-3.0396i	-24.3166-3.5800i	-0.2906-0.2752i	-0.3193-0.0275i	-0.0289-0.0671i	0.1054+0.1007i	0.1883+0.0662i	-0.0479+0.0201i
25.0	-22.9375-3.0387i	-24.1056-3.6112i	-0.2696-0.2692i	-0.3326-0.0208i	-0.0306-0.0676i	0.0980+0.0964i	0.1856+0.0690i	-0.0470+0.0174i
25.1	-22.8992-3.0755i	-24.0551-3.6364i	-0.2016-0.2435i	-0.3290-0.0026i	-0.0346-0.0702i	0.0942+0.0972i	0.1883+0.0759i	-0.0506+0.0149i
25.2	-22.8082-2.9384i	-23.8374-3.4415i	-0.2056-0.3284i	-0.3299+0.0141i	-0.0309-0.0612i	0.0695+0.0921i	0.1816+0.0752i	-0.0408+0.0156i
25.3	-22.7493-2.7719i	-23.5930-3.1947i	-0.2586-0.4366i	-0.3244+0.0013i	-0.0272-0.0525i	0.0395+0.0731i	0.1738+0.0642i	-0.0283+0.0243i
25.4	-22.4682-2.7543i	-23.1422-3.2219i	-0.3013-0.4116i	-0.3375+0.0136i	-0.0209-0.0531i	0.0194+0.0709i	0.1586+0.0718i	-0.0224+0.0213i
25.5	-22.3755-2.7740i	-22.9770-3.3146i	-0.2706-0.4068i	-0.3420+0.0246i	-0.0202-0.0547i	0.0146+0.0749i	0.1567+0.0784i	-0.0229+0.0182i
25.6	-22.4578-2.8849i	-23.0324-3.3840i	-0.1617-0.4248i	-0.3403+0.0391i	-0.0248-0.0582i	0.0053+0.0727i	0.1661+0.0836i	-0.0247+0.0190i
25.7	-22.3538-2.7886i	-22.8163-3.2383i	-0.2086-0.4848i	-0.3509+0.0688i	-0.0270-0.0528i	-0.0071+0.0656i	0.1593+0.0828i	-0.0174+0.0256i
25.8	-22.2367-2.8222i	-22.4994-3.3512i	-0.2394-0.4456i	-0.3286+0.0693i	-0.0222-0.0549i	-0.0193+0.0647i	0.1626+0.1015i	-0.0136+0.0203i
25.9	-22.1505-2.9344i	-22.3122-3.3728i	-0.2484-0.4265i	-0.3090+0.0679i	-0.0214-0.0545i	-0.0340+0.0630i	0.1673+0.1055i	-0.0066+0.0188i
26.0	-22.0410-2.8609i	-22.0907-3.3051i	-0.2665-0.4840i	-0.2993+0.0700i	-0.0231-0.0470i	-0.0446+0.0614i	0.1700+0.0997i	0.0032+0.0206i
26.1	-21.9958-2.8200i	-21.9560-3.3633i	-0.2494-0.5112i	-0.3006+0.0703i	-0.0248-0.0452i	-0.0527+0.0609i	0.1717+0.1010i	0.0051+0.0158i
26.2	-21.8924-2.7450i	-21.8003-3.3095i	-0.2684-0.5269i	-0.2861+0.0716i	-0.0218-0.0407i	-0.0565+0.0670i	0.1752+0.1010i	0.0071+0.0129i
26.3	-21.8934-2.6740i	-21.6613-3.1509i	-0.3194-0.6088i	-0.2684+0.0594i	-0.0204-0.0307i	-0.0643+0.0658i	0.1868+0.0890i	0.0105+0.0171i
26.4	-21.8533-2.7495i	-21.5562-3.1189i	-0.3063-0.6473i	-0.2636+0.0536i	-0.0203-0.0297i	-0.0758+0.0611i	0.1966+0.0771i	0.0097+0.0208i
26.5	-21.9308-2.8394i	-21.4438-3.2777i	-0.2697-0.6215i	-0.2666+0.0506i	-0.0167-0.0302i	-0.0941+0.0612i	0.2005+0.0807i	0.0105+0.0188i
26.6	-21.8715-2.7922i	-21.2369-3.2232i	-0.2896-0.6204i	-0.2512+0.0467i	-0.0167-0.0292i	-0.1053+0.0584i	0.1998+0.0700i	0.0163+0.0220i
26.7	-21.8094-2.7450i	-21.1020-3.1864i	-0.3008-0.6263i	-0.2599+0.0398i	-0.0171-0.0290i	-0.1135+0.0574i	0.1980+0.0613i	0.0214+0.0262i
26.8	-21.8395-2.6854i	-20.9084-3.1023i	-0.3394-0.6746i	-0.2713+0.0319i	-0.0176-0.0268i	-0.1385+0.0628i	0.1833+0.0465i	0.0359+0.0303i
26.9	-21.7394-2.6117i	-20.7245-3.1681i	-0.3516-0.7014i	-0.2753+0.0269i	-0.0157-0.0260i	-0.1602+0.0715i	0.1759+0.0473i	0.0444+0.0269i
27.0	-21.5466-2.6130i	-20.5359-3.1555i	-0.3711-0.7689i	-0.2695+0.0222i	-0.0148-0.0244i	-0.1789+0.0862i	0.1697+0.0352i	0.0550+0.0248i
27.1	-21.5228-2.7405i	-20.4475-3.2498i	-0.3556-0.7792i	-0.2589+0.0102i	-0.0142-0.0216i	-0.1933+0.1079i	0.1661+0.0341i	0.0607+0.0200i
27.2	-21.6151-2.7452i	-20.3241-3.1588i	-0.4310-0.8291i	-0.2697-0.0126i	-0.0188-0.0155i	-0.1939+0.1363i	0.1522+0.0193i	0.0692+0.0177i
27.3	-21.6697-2.7132i	-20.2288-3.2120i	-0.4664-0.8566i	-0.2965-0.0205i	-0.0151-0.0161i	-0.1955+0.1644i	0.1460+0.0163i	0.0719+0.0116i
27.4	-21.7441-2.6801i	-20.1416-3.2434i	-0.4946-0.9022i	-0.3171-0.0143i	-0.0160-0.0149i	-0.1907+0.1902i	0.1363+0.0136i	0.0772+0.0083i
27.5	-21.6889-2.8192i	-20.0226-3.3542i	-0.5548-0.8890i	-0.3186-0.0059i	-0.0154-0.0141i	-0.1740+0.2192i	0.1248+0.0219i	0.0821+0.0012i
27.6	-21.8150-2.7479i	-20.0272-3.2658i	-0.6654-0.9411i	-0.3226-0.0255i	-0.0179-0.0112i	-0.1352+0.2409i	0.1177+0.0082i	0.0831+0.0003i
27.7	-21.7910-2.7528i	-19.8210-3.3038i	-0.7531-0.8886i	-0.3368-0.0301i	-0.0171-0.0111i	-0.1189+0.2417i	0.1001+0.0140i	0.0886-0.0038i
27.8	-21.8208-2.6017i	-19.7307-3.1745i	-0.8687-0.8004i	-0.3627-0.0026i	-0.0172-0.0086i	-0.0750+0.2298i	0.0778+0.0201i	0.0944-0.0066i
27.9	-21.9278-2.6380i	-19.7541-3.0790i	-0.9481-0.7632i	-0.3772-0.0046i	-0.0199-0.0035i	-0.0361+0.2177i	0.0670+0.0211i	0.0974-0.0093i
28.0	-21.8131-2.5716i	-19.6185-3.0217i	-1.0052-0.6457i	-0.3937+0.0055i	-0.0183+0.0009i	-0.0229+0.1926i	0.0507+0.0338i	0.1023-0.0161i
28.1	-21.9455-2.3570i	-19.5819-2.8365i	-1.0450-0.6041i	-0.4056+0.0240i	-0.0182+0.0096i	-0.0043+0.1626i	0.0359+0.0418i	0.1061-0.0151i
28.2	-22.0461-2.2814i	-19.5035-2.6815i	-1.0454-0.5473i	-0.4031+0.0309i	-0.0183+0.0113i	0.0014+0.1390i	0.0349+0.0420i	0.1087-0.0120i
28.3	-21.9845-2.3717i	-19.2874-2.5303i	-1.0580-0.4616i	-0.3956+0.0345i	-0.0157+0.0177i	0.0064+0.1058i	0.0331+0.0506i	0.1134-0.0110i
28.4	-22.0170-2.3594i	-19.2326-2.4825i	-1.0356-0.4140i	-0.4071+0.0402i	-0.0142+0.0204i	0.0069+0.0928i	0.0370+0.0517i	0.1132-0.0145i
28.5	-22.0604-2.2294i	-18.8951-2.5026i	-0.9670-0.3462i	-0.4239+0.0463i	-0.0165+0.0215i	-0.0233+0.0775i	0.0194+0.0593i	0.1244-0.0184i
28.6	-22.0387-2.2795i	-18.7631-2.4595i	-0.9895-0.3257i	-0.4433+0.0565i	-0.0165+0.0269i	-0.0310+0.0687i	0.0059+0.0702i	0.1316-0.0204i
28.7	-21.9970-2.2075i	-18.6206-2.3988i	-0.9794-0.3004i	-0.4471+0.0683i	-0.0133+0.0303i	-0.0341+0.0537i	0.0004+0.0718i	0.1374-0.0232i
28.8	-22.1630-2.0847i	-18.3587-2.3410i	-0.9517-0.2584i	-0.4564+0.0799i	-0.0114+0.0305i	-0.0537+0.0361i	-0.0129+0.0772i	0.1469-0.0254i
28.9	-22.2478-2.0188i	-18.1514-2.2681i	-0.9039-0.2294i	-0.4538+0.0777i	-0.0128+0.0345i	-0.0614+0.0305i	-0.0204+0.0884i	0.1538-0.0291i
29.0	-22.2065-2.0497i	-17.9962-2.2882i	-0.8766-0.2058i	-0.4629+0.0840i	-0.0113+0.0347i	-0.0703+0.0270i	-0.0196+0.0962i	0.1558-0.0327i
29.1	-22.3455-2.0584i	-17.9429-2.2831i	-0.8382-0.2004i	-0.4852+0.1046i	-0.0122+0.0379i	-0.0686+0.0248i	-0.0261+0.1063i	0.1576-0.0357i
29.2	-22.4236-1.9822i	-17.6784-2.2333i	-0.8090-0.1757i	-0.4833+0.1215i	-0.0111+0.0438i	-0.0811+0.0169i	-0.0406+0.1232i	0.1696-0.0432i
29.3	-22.4535-1.9427i	-17.4936-2.1716i	-0.8557-0.1798i	-0.4999+0.1349i	-0.0126+0.0474i	-0.0920+0.0114i	-0.0494+0.1268i	0.1770-0.0444i
29.4	-22.6111-2.0157i	-17.4012-2.1869i	-0.8283-0.1609i	-0.5009+0.1288i	-0.0105+0.0461i	-0.1008+0.0096i	-0.0444+0.1259i	0.1782-0.0447i
29.5	-22.8805-1.9979i	-17.2827-2.1437i	-0.8221-0.1630i	-0.5161+0.1440i	-0.0130+0.0517i	-0.1043+0.0023i	-0.0552+0.1442i	0.1890-0.0509i
29.6	-22.9782-2.0069i	-17.1277-2.1752i	-0.8138-0.1564i	-0.5239+0.1572i	-0.0139+0.0538i	-0.1100-0.0023i	-0.0624+0.1580i	0.1965-0.0554i
29.7	-22.9996-2.0213i	-17.0422-2.1246i	-0.7766-0.1627i	-0.5270+0.1379i	-0.0079+0.0546i	-0.1025-0.0086i	-0.0506+0.1494i	0.1913-0.0530i
29.8	-23.1825-2.0446i	-17.0096-2.1078i	-0.7597-0.1596i	-0.5395+0.1499i	-0.0131+0.0555i	-0.1011-0.0085i	-0.0521+0.1555i	0.1914-0.0580i
29.9	-23.4966-2.2002i	-16.7299-2.0605i	-0.7762-0.1646i	-0.5602+0.1744i	-0.0226+0.0602i	-0.1177-0.0137i	-0.0777+0.1705i	0.2131-0.0609i
30.0	-23.5539-2.2044i	-16.5458-2.0498i	-0.7956-0.1669i	-0.5723+0.1996i	-0.0224+0.0684i	-0.1193-0.0231i	-0.0936+0.1900i	0.2238-0.0677i
30.1	-23.6811-1.9754i	-16.4747-2.0474i	-0.7736-0.1754i	-0.5552+0.2012i	-0.0225+0.0743i	-0.1343-0.0247i	-0.0821+0.1998i	0.2253-0.0808i
30.2	-23.8991-1.6942i	-16.3689-1.9026i	-0.7701-0.1941i	-0.5566+0.2395i	-0.0253+0.0802i	-0.1295-0.0295i	-0.0770+0.2042i	0.2277-0.0835i
30.3	-24.5528-1.9703i	-16.2820-1.9231i	-0.7632-0.1735i	-0.5871+0.2206i	-0.0144+0.0836i	-0.1337-0.0339i	-0.0716+0.2027i	0.2217-0.0819i
30.4	-24.8007-1.9048i	-16.0809-1.8452i	-0.7598-0.1815i	-0.6087+0.2326i	-0.0175+0.0915i	-0.1443-0.0483i	-0.0903+0.2158i	0.2324-0.0797i
30.5	-25.1488-1.8534i	-15.9711-1.8613i	-0.7363-0.1512i	-0.6216+0.2677i	-0.0253+0.0957i	-0.1373-0.0370i	-0.0960+0.2413i	0.2464-0.0922i
30.6	-25.1722-1.9228i	-15.8633-1.8735i	-0.7643-0.1375i	-0.6064+0.2772i	-0.0164+0.1041i	-0.1267-0.0436i	-0.0801+0.2572i	0.2498-0.1007i
30.7	-25.5658-1.7329i	-15.6948-1.8996i	-0.7583-0.1395i	-0.6103+0.2740i	-0.0125+0.1089i	-0.1360-0.0775i	-0.0754+0.2628i	0.2571-0.1089i
30.8	-26.3285-1.4359i	-15.5268-1.7804i	-0.7583-0.1206i	-0.6206+0.2962i	-0.0064+0.1044i	-0.1482-0.1003i	-0.0599+0.2517i	0.2616-0.1065i

30.9	-26.5818-1.4530i	-15.4288-1.7486i	-0.7581-0.1275i	-0.6449+0.2964i	-0.0125+0.0992i	-0.1695-0.1125i	-0.0739+0.2348i	0.2716-0.1015i
31.0	-26.9346-1.6481i	-15.4277-1.7807i	-0.7604-0.0861i	-0.6262+0.2657i	-0.0098+0.0972i	-0.1566-0.1239i	-0.0583+0.2407i	0.2691-0.1053i
31.1	-26.7439-1.4685i	-15.3950-1.7074i	-0.7487-0.0831i	-0.6214+0.2809i	-0.0100+0.1013i	-0.1354-0.1317i	-0.0510+0.2514i	0.2685-0.1069i
31.2	-27.7525-1.4269i	-15.1887-1.6782i	-0.7679-0.0833i	-0.6618+0.2961i	-0.0100+0.1013i	-0.1344-0.1353i	-0.0690+0.2569i	0.2828-0.1089i
31.3	-28.6130-1.5899i	-15.0616-1.6532i	-0.7503-0.0660i	-0.7077+0.2816i	-0.0135+0.0955i	-0.1632-0.1828i	-0.0851+0.2314i	0.2947-0.1016i
31.4	-29.4806-1.6027i	-14.9915-1.5520i	-0.7502-0.0361i	-0.7565+0.2768i	-0.0247+0.0959i	-0.1789-0.2220i	-0.1066+0.2243i	0.3135-0.1018i
31.5	-30.1122-0.8647i	-14.6665-1.5376i	-0.7500+0.0030i	-0.7773+0.3000i	-0.0285+0.0989i	-0.2849-0.2307i	-0.1178+0.2288i	0.3279-0.1158i
31.6	-30.2245-0.7602i	-14.5531-1.6106i	-0.7170+0.0087i	-0.7870+0.3127i	-0.0371+0.0992i	-0.3064-0.2418i	-0.1383+0.2431i	0.3401-0.1241i
31.7	-30.3980-0.6463i	-14.4596-1.6586i	-0.6878+0.0308i	-0.7936+0.3295i	-0.0432+0.1057i	-0.2973-0.2743i	-0.1445+0.2626i	0.3454-0.1345i
31.8	-31.3624-0.7411i	-14.3753-1.4867i	-0.7030+0.0425i	-0.8599+0.3347i	-0.0569+0.1026i	-0.3353-0.3377i	-0.1733+0.2499i	0.3705-0.1246i
31.9	-32.3676-0.7187i	-14.4346-1.4336i	-0.6932+0.0208i	-0.9224+0.3494i	-0.0613+0.1019i	-0.3657-0.3158i	-0.1816+0.2527i	0.3754-0.1219i
32.0	-33.8770-0.7786i	-14.2419-1.4077i	-0.6659+0.0429i	-0.9782+0.3746i	-0.0755+0.1100i	-0.4201-0.2621i	-0.2055+0.2746i	0.4020-0.1258i
32.1	-34.8386-0.2869i	-14.0220-1.3385i	-0.6703+0.0811i	-0.9932+0.4032i	-0.0899+0.1240i	-0.4613-0.2764i	-0.2275+0.3002i	0.4291-0.1431i
32.2	-35.9589+0.0838i	-13.8320-1.3256i	-0.6573+0.1429i	-1.0595+0.4343i	-0.1035+0.1344i	-0.5158-0.2636i	-0.2559+0.3191i	0.4543-0.1542i
32.3	-36.6269+0.3486i	-13.8776-1.2907i	-0.6168+0.1496i	-1.1034+0.4417i	-0.1136+0.1354i	-0.5387-0.2651i	-0.2748+0.3213i	0.4668-0.1555i
32.4	-38.3416+0.7950i	-13.8994-1.1731i	-0.5699+0.1610i	-1.1615+0.4570i	-0.1273+0.1407i	-0.6132-0.2855i	-0.2853+0.3294i	0.4886-0.1628i
32.5	-39.7420+0.8056i	-13.7758-1.2103i	-0.5535+0.1875i	-1.2144+0.4988i	-0.1439+0.1547i	-0.6158-0.2447i	-0.3198+0.3676i	0.5207-0.1752i
32.6	-41.6632+1.4192i	-13.6718-1.1378i	-0.5171+0.1962i	-1.3326+0.5580i	-0.1698+0.1730i	-0.6799-0.1738i	-0.3703+0.4024i	0.5609-0.1913i
32.7	-44.5097+1.5121i	-13.5462-1.0350i	-0.4935+0.2485i	-1.4941+0.6057i	-0.2036+0.1918i	-0.7570-0.1638i	-0.4310+0.4499i	0.6274-0.2071i
32.8	-45.5920+2.2943i	-13.3394-1.0452i	-0.4121+0.2348i	-1.5330+0.6281i	-0.2253+0.2092i	-0.7825-0.1429i	-0.4594+0.4772i	0.6711-0.2231i
32.9	-48.1831+4.0046i	-13.2282-0.9543i	-0.3236+0.2536i	-1.6749+0.7230i	-0.2483+0.2403i	-0.8508-0.0884i	-0.4920+0.5313i	0.7240-0.2671i
33.0	-50.5928+4.5334i	-13.0168-0.9891i	-0.2317+0.2664i	-1.8097+0.8197i	-0.2834+0.2695i	-0.8783-0.0094i	-0.5658+0.5963i	0.7980-0.3063i
33.1	-52.5745+5.6114i	-12.8725-0.9412i	-0.1728+0.2303i	-1.8955+0.9159i	-0.3141+0.3002i	-0.8633+0.0515i	-0.6027+0.6644i	0.8557-0.3499i
33.2	-56.7284+8.0809i	-12.7790-0.8363i	-0.0667+0.2033i	-2.0304+1.1004i	-0.3470+0.3623i	-0.8791+0.1783i	-0.6366+0.7852i	0.9264-0.4455i
33.3	-59.8821+9.4621i	-12.7505-0.7539i	-0.0134+0.1613i	-2.1592+1.2302i	-0.3714+0.4134i	-0.8944+0.2139i	-0.6617+0.8736i	0.9778-0.5173i
33.4	-65.1578+11.5666i	-12.6447-0.5874i	0.0742+0.0984i	-2.3559+1.4320i	-0.4125+0.4852i	-0.8960+0.2536i	-0.7204+1.0125i	1.0665-0.6152i
33.5	-72.3748+15.9740i	-12.5602-0.4965i	0.1393-0.0155i	-2.5895+1.7669i	-0.4345+0.6201i	-0.8948+0.3049i	-0.7317+1.2433i	1.1490-0.8049i
33.6	-77.2357+20.3055i	-12.5349-0.3474i	0.1039-0.0927i	-2.7235+2.0551i	-0.4098+0.7307i	-0.9044+0.3424i	-0.6888+1.4070i	1.1669-0.9659i
33.7	-85.6398+26.7541i	-12.3183-0.3370i	0.1616-0.2060i	-3.0487+2.4285i	-0.3999+0.8619i	-0.9459+0.4522i	-0.7030+1.6206i	1.2311-1.1849i
33.8	-93.8010+35.3795i	-12.3662-0.0949i	0.1668-0.3164i	-3.2734+2.9281i	-0.3830+0.9945i	-0.9719+0.5450i	-0.6668+1.8586i	1.2516-1.4261i
33.9	-101.7591+51.5376i	-12.3469+0.3214i	0.1215-0.4105i	-3.4312+3.7577i	-0.3035+1.1488i	-1.0135+0.7057i	-0.5328+2.1559i	1.1839-1.7546i
34.0	-109.4155+73.3419i	-12.1373+0.7519i	0.0835-0.4911i	-3.4209+4.8171i	-0.1858+1.3443i	-0.9815+0.9505i	-0.2767+2.5516i	1.0457-2.1611i
34.1	-110.7152+99.9260i	-11.7923+1.3809i	0.0814-0.6032i	-3.0999+5.9810i	-0.0057+1.5302i	-0.8223+1.2068i	0.1175+2.8909i	0.7594-2.5490i
34.2	-94.8881+134.1238i	-10.9868+1.8586i	0.0360-0.7839i	-2.0158+7.3348i	0.3412+1.6753i	-0.4659+1.4165i	0.7990+3.1169i	0.1562-2.8789i
34.3	-53.0599+170.6867i	-9.7550+2.2442i	-0.2242-0.9903i	0.2978+8.4153i	0.8905+1.6433i	0.0180+1.4345i	1.8336+2.9373i	-0.8001-2.9203i
34.4	-16.1043+178.9835i	-8.9017+2.0951i	-0.4692-1.0261i	2.0800+8.3250i	1.2469+1.4358i	0.3190+1.2569i	2.4341+2.5138i	-1.4244-2.6340i
34.5	38.6827+164.7601i	-7.9852+1.3624i	-0.7758-0.8980i	4.3914+7.0100i	1.5697+0.8888i	0.5859+0.8560i	2.9378+1.5197i	-2.0259-1.8161i
34.6	70.3328+140.9820i	-7.4498+0.6200i	-0.9038-0.6841i	5.5117+5.4588i	1.6280+0.4296i	0.6466+0.5331i	3.0125+0.7040i	-2.1968-1.1073i
34.7	82.5650+113.5240i	-7.3348+0.0101i	-0.9512-0.5219i	5.7534+4.0609i	1.4984+0.1121i	0.5817+0.3013i	2.7788+0.1552i	-2.0605-0.5813i
34.8	82.8603+88.0653i	-7.4989-0.4740i	-0.9157-0.4214i	5.5061+2.9126i	1.2760-0.0769i	0.4592+0.1372i	2.4134-0.1641i	-1.7593-0.2355i
34.9	79.0714+66.5803i	-7.6498-0.7983i	-0.8731-0.3082i	5.0373+1.9875i	1.0248-0.1990i	0.3126+0.0297i	1.9958-0.3968i	-1.4201+0.0091i
35.0	75.0613+54.2599i	-7.7544-0.9825i	-0.8310-0.2819i	4.6608+1.4639i	0.8691-0.2374i	0.2248-0.0167i	1.7326-0.4918i	-1.2035+0.1096i
35.1	70.0597+42.9056i	-7.7837-1.1383i	-0.7869-0.2591i	4.2435+0.9823i	0.7199-0.2573i	0.1418-0.0426i	1.4615-0.5560i	-0.9891+0.1871i
35.2	64.8406+35.0225i	-7.8125-1.1896i	-0.7779-0.2094i	3.8851+0.6572i	0.5964-0.2593i	0.0735-0.0535i	1.2468-0.5800i	-0.8079+0.2263i
35.3	58.6879+29.4568i	-7.8689-1.1793i	-0.7730-0.1870i	3.5297+0.5121i	0.4915-0.2116i	0.0081-0.0488i	1.0658-0.5333i	-0.6343+0.1991i
35.4	53.9096+25.5788i	-7.7923-1.2456i	-0.7361-0.1563i	3.2301+0.4225i	0.4154-0.1792i	-0.0274-0.0478i	0.9196-0.4830i	-0.5098+0.1791i
35.5	50.3741+20.9276i	-7.7681-1.2627i	-0.6909-0.1424i	2.9376+0.2688i	0.3374-0.1726i	-0.0673-0.0475i	0.7665-0.4762i	-0.3841+0.1905i
35.6	47.0534+16.9915i	-7.8099-1.4024i	-0.6674-0.1628i	2.7357+0.1843i	0.2833-0.1166i	-0.0886-0.0518i	0.6521-0.4051i	-0.2957+0.1306i
35.7	43.8352+15.2752i	-7.7454-1.4037i	-0.6487-0.1461i	2.5693+0.1827i	0.2467-0.0767i	-0.1048-0.0428i	0.5982-0.3465i	-0.2268+0.0857i
35.8	40.4785+14.0678i	-7.5824-1.2164i	-0.6295-0.0917i	2.4096+0.1225i	0.2014-0.0670i	-0.1357-0.0458i	0.5309-0.3278i	-0.1442+0.0725i
35.9	38.5817+12.4832i	-7.4378-1.1322i	-0.6136-0.0793i	2.2767+0.0679i	0.1571-0.0405i	-0.1605-0.0456i	0.4559-0.3119i	-0.0788+0.0481i
36.0	37.5085+10.9720i	-7.3496-1.0992i	-0.6147-0.0847i	2.1850-0.0058i	0.1186-0.0340i	-0.1742-0.0551i	0.3964-0.3120i	-0.0217+0.0393i
36.1	35.3372+9.1381i	-7.2245-1.1519i	-0.5868-0.0777i	2.0452-0.0195i	0.0874+0.0138i	-0.1910-0.0556i	0.3362-0.2404i	0.0236-0.0167i
36.2	33.4133+8.3679i	-7.1284-1.1509i	-0.5765-0.0982i	1.9510+0.0378i	0.0647+0.0533i	-0.1928-0.0532i	0.3039-0.1815i	0.0538-0.0626i
36.3	32.7870+8.4460i	-7.0008-1.1233i	-0.5602-0.0774i	1.9270+0.0264i	0.0494+0.0445i	-0.2058-0.0624i	0.2849-0.2006i	0.0841-0.0497i
36.4	30.5486+7.1262i	-6.9126-1.1434i	-0.5593-0.0764i	1.8318+0.0387i	0.0255+0.1032i	-0.2154-0.0735i	0.2551-0.1137i	0.1185-0.1223i
36.5	28.9865+7.2680i	-6.8659-1.1236i	-0.5511-0.1009i	1.7545+0.0652i	0.0187+0.1492i	-0.2228-0.0735i	0.2492-0.0709i	0.1326-0.1772i
36.6	27.8977+6.7069i	-6.7046-1.2094i	-0.5388-0.1061i	1.6580+0.0952i	-0.0089+0.2031i	-0.2184-0.0605i	0.2118-0.0090i	0.1667-0.2392i
36.7	26.3640+6.0927i	-6.5297-1.2099i	-0.5312-0.1101i	1.5800+0.1163i	-0.0305+0.2570i	-0.2418-0.0733i	0.1938+0.0514i	0.1949-0.2901i
36.8	25.4584+5.7215i	-6.4123-1.1391i	-0.5369-0.1097i	1.5395+0.1022i	-0.0597+0.2790i	-0.2727-0.0807i	0.1519+0.0646i	0.2308-0.3160i
36.9	25.4662+4.8333i	-6.3240-1.1785i	-0.5465-0.1209i	1.5260+0.0758i	-0.0624+0.3028i	-0.2824-0.0814i	0.1491+0.0745i	0.2274-0.3433i
37.0	24.4389+4.4514i	-6.2747-1.1080i	-0.5659-0.0976i	1.4855+0.1082i	-0.0587+0.3431i	-0.3089-0.1065i	0.1581+0.1099i	0.2344-0.3843i
37.1	23.3689+3.6988i	-6.0922-1.1047i	-0.5466-0.1097i	1.4198+0.1032i	-0.0725+0.3953i	-0.3337-0.1122i	0.1409+0.1508i	0.2564-0.4327i

37.2	22.6947+3.6512i	-5.8978-1.1232i	-0.5018-0.1134i	1.4075+0.1219i	-0.0755+0.4413i	-0.3497-0.1099i	0.1386+0.1980i	0.2599-0.4781i
37.3	22.0391+3.7673i	-5.7536-1.0989i	-0.5240-0.0933i	1.3830+0.1714i	-0.0729+0.4918i	-0.3847-0.1216i	0.1287+0.2435i	0.2598-0.5247i
37.4	21.4061+3.4212i	-5.5820-1.1987i	-0.5201-0.0834i	1.3535+0.2148i	-0.0681+0.5623i	-0.4115-0.1253i	0.1306+0.3043i	0.2537-0.6010i
37.5	21.6388+2.6517i	-5.4530-1.1514i	-0.5458-0.0768i	1.3139+0.2220i	-0.0610+0.5966i	-0.4543-0.1324i	0.1308+0.3201i	0.2495-0.6282i
37.6	20.4347+2.2558i	-5.3352-1.1290i	-0.5358-0.0796i	1.3156+0.2364i	-0.0588+0.6539i	-0.4815-0.1224i	0.1500+0.3689i	0.2526-0.6769i
37.7	19.8897+3.1458i	-5.1985-1.0159i	-0.5428-0.0612i	1.3700+0.2564i	-0.0174+0.6674i	-0.5160-0.1064i	0.2048+0.3730i	0.2226-0.6844i
37.8	19.6240+2.2160i	-5.0600-1.0273i	-0.5362-0.0299i	1.3463+0.2665i	-0.0141+0.7137i	-0.5568-0.0808i	0.2048+0.4043i	0.2262-0.7360i
37.9	19.1672+1.9025i	-4.9366-1.0795i	-0.5214-0.0188i	1.3622+0.3343i	0.0494+0.7899i	-0.5987-0.0498i	0.2569+0.4475i	0.1724-0.8021i
38.0	18.4428+2.2646i	-4.8996-1.0739i	-0.5294-0.0534i	1.4179+0.2919i	0.1255+0.7824i	-0.6242-0.0399i	0.3358+0.4241i	0.1027-0.7850i
38.1	18.2940+1.6346i	-4.7876-1.0724i	-0.5334-0.0415i	1.4126+0.2583i	0.1464+0.7777i	-0.6197-0.0085i	0.3547+0.4048i	0.0869-0.7774i
38.2	17.5302+1.9463i	-4.6245-1.0650i	-0.5285-0.0434i	1.4019+0.3054i	0.1964+0.8526i	-0.6288+0.0765i	0.3771+0.4442i	0.0374-0.8532i
38.3	18.2818+2.2015i	-4.4456-1.0958i	-0.5235-0.0470i	1.4657+0.3028i	0.2632+0.8574i	-0.6311+0.1003i	0.4372+0.4271i	-0.0256-0.8469i
38.4	18.2289+1.8681i	-4.2644-1.0382i	-0.4980-0.0045i	1.4678+0.3064i	0.2695+0.9043i	-0.6315+0.1176i	0.4465+0.4523i	-0.0119-0.8820i
38.5	16.8651+1.5222i	-4.2717-1.0364i	-0.5320+0.0130i	1.4741+0.3038i	0.3440+0.9062i	-0.6320+0.1591i	0.5079+0.4584i	-0.0697-0.8960i
38.6	16.8752+1.1897i	-4.0514-1.0887i	-0.5203+0.0116i	1.5094+0.3330i	0.3890+0.9457i	-0.6297+0.1849i	0.5497+0.4680i	-0.0927-0.9427i
38.7	17.0707+0.8665i	-3.8379-1.1381i	-0.4762-0.0014i	1.5404+0.2804i	0.4486+0.9613i	-0.5860+0.2125i	0.5857+0.4559i	-0.1449-0.9480i
38.8	16.6293+1.0408i	-3.6812-1.0928i	-0.4561+0.0240i	1.5669+0.2611i	0.5088+1.0032i	-0.5729+0.2656i	0.6191+0.4567i	-0.2001-0.9963i
38.9	15.8052+1.3963i	-3.5986-1.0338i	-0.4649+0.0184i	1.6263+0.2091i	0.5814+0.9852i	-0.5810+0.2991i	0.6982+0.4065i	-0.2584-1.0000i
39.0	15.9762+1.4160i	-3.4344-1.0905i	-0.4716+0.0068i	1.6698+0.1721i	0.6329+0.9701i	-0.5486+0.3036i	0.7379+0.3637i	-0.2955-0.9995i
39.1	16.4119+0.6986i	-3.2754-1.0650i	-0.4777+0.0374i	1.6735+0.1231i	0.6129+0.9805i	-0.5354+0.3126i	0.7269+0.3223i	-0.2676-1.0110i
39.2	16.0089+0.7196i	-3.2013-1.0378i	-0.4673+0.0317i	1.7021+0.0698i	0.6764+0.9350i	-0.5132+0.3154i	0.7580+0.2407i	-0.3282-0.9723i
39.3	15.5309+0.7539i	-3.0611-1.0408i	-0.4389+0.0406i	1.6947+0.0038i	0.7366+0.9235i	-0.5129+0.3323i	0.7645+0.1943i	-0.3846-0.9822i
39.4	15.4204+1.0890i	-2.8796-1.0438i	-0.4142+0.0307i	1.6647-0.0658i	0.7873+0.9321i	-0.4790+0.3594i	0.7512+0.1545i	-0.4361-0.9969i
39.5	15.2867+1.6750i	-2.7551-1.0257i	-0.4301+0.0106i	1.6526-0.0924i	0.8361+0.8850i	-0.4433+0.3634i	0.7644+0.0929i	-0.4776-0.9638i
39.6	14.8668+1.3617i	-2.6464-0.9604i	-0.4236+0.0602i	1.6389-0.1118i	0.8443+0.8747i	-0.4207+0.3490i	0.7541+0.0677i	-0.4836-0.9699i
39.7	14.7869+1.0207i	-2.4157-1.0181i	-0.3706+0.0504i	1.6210-0.1902i	0.9018+0.8765i	-0.3991+0.3510i	0.7447+0.0274i	-0.5702-0.9922i
39.8	14.8048+1.0724i	-2.2008-0.9884i	-0.3591+0.0388i	1.5815-0.2480i	0.9494+0.8419i	-0.3887+0.3398i	0.7295-0.0157i	-0.6190-0.9409i
39.9	14.6420+0.9677i	-2.0605-0.9925i	-0.3543+0.0517i	1.5307-0.2533i	0.9591+0.8214i	-0.3717+0.3420i	0.7048-0.0375i	-0.6224-0.9102i
40.0	14.8271+0.9942i	-1.9663-0.9766i	-0.3877+0.0150i	1.5109-0.2595i	0.9534+0.7758i	-0.3570+0.3337i	0.6779-0.0588i	-0.6094-0.8637i
40.1	14.8348+0.8538i	-1.8134-0.8621i	-0.3639+0.0585i	1.4559-0.2348i	0.9534+0.7640i	-0.3517+0.3219i	0.6249-0.0654i	-0.6115-0.8398i
40.2	14.8681+1.0685i	-1.6081-0.9031i	-0.3595+0.0254i	1.3783-0.2729i	1.0270+0.7101i	-0.3358+0.3146i	0.6007-0.0951i	-0.6943-0.7848i
40.3	14.6952+1.1033i	-1.4696-0.9214i	-0.3423+0.0561i	1.3558-0.2910i	1.0436+0.6745i	-0.3389+0.3048i	0.5734-0.1200i	-0.7078-0.7611i
40.4	14.6716+1.1108i	-1.3079-0.8834i	-0.3261+0.0566i	1.3866-0.3063i	1.0524+0.6756i	-0.3334+0.2921i	0.5649-0.1169i	-0.7067-0.7861i
40.5	14.5325+1.0871i	-1.1859-0.8547i	-0.3079+0.0071i	1.3516-0.2653i	1.0846+0.6484i	-0.3093+0.2861i	0.5267-0.1139i	-0.7586-0.7636i
40.6	14.8536+0.7458i	-1.0038-0.9278i	-0.3178-0.0053i	1.3507-0.2707i	1.0598+0.6288i	-0.3040+0.2768i	0.5138-0.1261i	-0.7409-0.7189i
40.7	14.9300+1.2237i	-0.7877-0.9343i	-0.3087+0.0003i	1.3329-0.2777i	1.0746+0.5831i	-0.2984+0.2703i	0.5199-0.1393i	-0.7576-0.6758i
40.8	14.8832+1.2477i	-0.6758-0.9180i	-0.3195-0.0043i	1.2792-0.2917i	1.0844+0.5593i	-0.3015+0.2697i	0.4805-0.1588i	-0.7793-0.6405i
40.9	14.9306+1.1075i	-0.5313-0.8559i	-0.3094+0.0020i	1.3034-0.2946i	1.0760+0.5515i	-0.3026+0.2669i	0.4735-0.1585i	-0.7740-0.6066i
41.0	15.0588+1.0908i	-0.3064-0.7953i	-0.2727+0.0122i	1.2648-0.3073i	1.1079+0.5493i	-0.3014+0.2535i	0.4582-0.1710i	-0.8082-0.5978i
41.1	14.8690+0.9689i	-0.1268-0.7833i	-0.2453+0.0078i	1.2504-0.3668i	1.1186+0.5692i	-0.2899+0.2585i	0.4189-0.2098i	-0.8219-0.6042i
41.2	14.6760+0.9923i	0.0372-0.7589i	-0.2492+0.0072i	1.2835-0.3178i	1.0983+0.5451i	-0.2948+0.2501i	0.4181-0.2067i	-0.7645-0.5669i
41.3	14.9577+1.0571i	0.2132-0.7232i	-0.2785+0.0221i	1.2704-0.3580i	1.0830+0.5431i	-0.2955+0.2484i	0.4054-0.2371i	-0.7430-0.6182i
41.4	15.0436+1.0641i	0.3671-0.7412i	-0.3031-0.0074i	1.3071-0.3267i	1.0452+0.5203i	-0.3173+0.2444i	0.4351-0.2120i	-0.6990-0.5848i
41.5	14.8247+1.3424i	0.4307-0.6722i	-0.3045+0.0088i	1.2501-0.3126i	1.0801+0.5048i	-0.3010+0.2280i	0.3847-0.2207i	-0.7566-0.5516i
41.6	15.1391+1.1530i	0.6560-0.6971i	-0.2898+0.0005i	1.2159-0.3336i	1.0888+0.4799i	-0.2906+0.2175i	0.3542-0.2150i	-0.7348-0.4903i
41.7	14.8728+1.1273i	0.8049-0.7448i	-0.2463-0.0123i	1.1981-0.3144i	1.1215+0.4773i	-0.2846+0.2176i	0.3068-0.2088i	-0.7875-0.4753i
41.8	15.0156+0.9356i	1.0873-0.7676i	-0.2619-0.0707i	1.1868-0.3054i	1.1151+0.4596i	-0.3020+0.2089i	0.2999-0.2153i	-0.7397-0.4516i
41.9	15.4726+0.9254i	1.3311-0.6949i	-0.2757-0.0575i	1.1646-0.2824i	1.1293+0.4437i	-0.3058+0.1926i	0.2769-0.1830i	-0.7813-0.4041i
42.0	15.3480+0.9078i	1.4489-0.7113i	-0.2733-0.0267i	1.1879-0.3051i	1.1472+0.4678i	-0.2951+0.1934i	0.2625-0.2077i	-0.8004-0.4550i
42.1	15.1833+0.8191i	1.6030-0.7541i	-0.2658-0.0443i	1.1994-0.3033i	1.1410+0.4794i	-0.2932+0.2026i	0.2807-0.2258i	-0.7642-0.4664i
42.2	15.3926+0.8765i	1.7956-0.7429i	-0.2811-0.0716i	1.2149-0.2938i	1.1136+0.4672i	-0.3032+0.1930i	0.3120-0.2310i	-0.6785-0.4158i
42.3	15.5671+0.9004i	1.9890-0.7084i	-0.2884-0.0692i	1.2209-0.3393i	1.1285+0.4955i	-0.3160+0.1885i	0.2869-0.2699i	-0.6792-0.4702i
42.4	15.6819+0.8491i	2.1803-0.6799i	-0.2927-0.0808i	1.1981-0.4083i	1.1544+0.5017i	-0.3399+0.1916i	0.2506-0.3027i	-0.7255-0.4784i
42.5	15.4186+0.6993i	2.3011-0.6727i	-0.2980-0.0346i	1.1630-0.4354i	1.1809+0.5278i	-0.3191+0.2013i	0.2012-0.3418i	-0.7093-0.5029i
42.6	15.5230+0.6383i	2.4436-0.6925i	-0.2789-0.0084i	1.0966-0.4794i	1.2295+0.5288i	-0.3004+0.1985i	0.1278-0.3601i	-0.7606-0.5137i
42.7	15.5614+1.0909i	2.5819-0.5885i	-0.2877-0.0614i	1.0913-0.4084i	1.2214+0.4810i	-0.3076+0.1941i	0.1253-0.2976i	-0.7041-0.4649i
42.8	15.8551+0.7746i	2.8448-0.6314i	-0.2887-0.0436i	1.0692-0.3325i	1.2393+0.4478i	-0.3141+0.1839i	0.0959-0.2587i	-0.7232-0.4329i
42.9	16.1161+0.6139i	3.1939-0.6612i	-0.3028-0.0324i	1.0826-0.4283i	1.2439+0.4893i	-0.3244+0.1837i	0.1301-0.3372i	-0.7392-0.5131i
43.0	16.2923+0.8957i	3.4100-0.5908i	-0.2593-0.0319i	1.0867-0.4863i	1.2609+0.4964i	-0.3270+0.1714i	0.1112-0.3702i	-0.7293-0.5084i
43.1	16.5088+0.7198i	3.6088-0.6116i	-0.2712-0.0641i	1.0050-0.5354i	1.2929+0.5082i	-0.3386+0.1726i	0.0613-0.4047i	-0.7386-0.5267i
43.2	16.5061+0.7882i	3.7508-0.5258i	-0.2979-0.0839i	1.0165-0.5382i	1.3174+0.4878i	-0.3533+0.1752i	0.0085-0.3758i	-0.7234-0.5212i
43.3	16.4204+0.7297i	3.9893-0.5837i	-0.2503-0.0905i	0.9915-0.4601i	1.3528+0.4421i	-0.3429+0.1757i	-0.0398-0.3341i	-0.7645-0.5124i
43.4	16.3363+0.8372i	4.0537-0.5591i	-0.2475-0.0497i	0.8970-0.3908i	1.3702+0.4309i	-0.3419+0.1698i	-0.0893-0.3147i	-0.8435-0.4957i

43.5	16.5624+0.7190i	4.2732-0.5467i	-0.2639-0.0391i	0.9521-0.3878i	1.3552+0.4270i	-0.3622+0.1771i	-0.0785-0.3149i	-0.8214-0.4899i
43.6	17.0449+0.8125i	4.6380-0.5459i	-0.2692-0.0675i	0.9818-0.4223i	1.3794+0.4328i	-0.3760+0.1990i	-0.0824-0.3516i	-0.8352-0.4738i
43.7	17.0876+0.6867i	4.8193-0.5962i	-0.2770-0.0775i	0.8517-0.4862i	1.4409+0.4417i	-0.3486+0.2098i	-0.1860-0.3953i	-0.8945-0.4811i
43.8	17.0783+0.7581i	4.9685-0.4844i	-0.2618-0.0424i	0.8019-0.4732i	1.4526+0.4088i	-0.3445+0.1916i	-0.2411-0.3585i	-0.8661-0.4695i
43.9	17.3726+0.5261i	5.2126-0.5810i	-0.2746-0.0373i	0.8067-0.4851i	1.4436+0.3945i	-0.3538+0.1894i	-0.2362-0.3627i	-0.8555-0.5048i
44.0	17.3442+0.5151i	5.3945-0.5601i	-0.2370-0.0793i	0.7862-0.4364i	1.4551+0.3789i	-0.3560+0.1911i	-0.2605-0.3236i	-0.8700-0.4749i
44.1	17.4938+0.7356i	5.6117-0.4936i	-0.2383-0.0650i	0.8077-0.3555i	1.4642+0.3707i	-0.3632+0.1943i	-0.2874-0.2992i	-0.8766-0.4668i
44.2	17.9647+0.7709i	5.9582-0.4720i	-0.2477-0.1315i	0.7171-0.4282i	1.5183+0.3894i	-0.3688+0.1987i	-0.3665-0.3443i	-0.9562-0.4925i
44.3	17.8620+0.6636i	6.1046-0.5009i	-0.2208-0.2152i	0.6415-0.4255i	1.5592+0.3973i	-0.3587+0.2231i	-0.4595-0.3540i	-1.0181-0.4869i
44.4	17.9448+0.5165i	6.3228-0.5260i	-0.2423-0.1772i	0.6418-0.3292i	1.5872+0.3671i	-0.3303+0.2400i	-0.5084-0.2830i	-1.0240-0.4190i
44.5	18.2681+0.4473i	6.6028-0.4643i	-0.2935-0.1025i	0.6710-0.2676i	1.6138+0.3427i	-0.3041+0.2249i	-0.5268-0.2154i	-0.9933-0.3854i
44.6	18.3719+0.4854i	6.7613-0.4053i	-0.2964-0.1433i	0.6355-0.1767i	1.6281+0.3104i	-0.3205+0.2182i	-0.5399-0.1410i	-0.9827-0.3386i
44.7	18.4655+0.6769i	7.0491-0.4227i	-0.3386-0.1763i	0.6250-0.1866i	1.6618+0.2862i	-0.3078+0.1894i	-0.5720-0.0996i	-0.9853-0.3458i
44.8	18.6128+0.6045i	7.2529-0.5187i	-0.3140-0.1379i	0.5803-0.1445i	1.6993+0.2640i	-0.3072+0.1582i	-0.6342-0.0830i	-1.0344-0.3560i
44.9	18.6850+0.7726i	7.4385-0.4201i	-0.3365-0.1178i	0.6291-0.1046i	1.7035+0.2521i	-0.3264+0.1471i	-0.6154-0.0429i	-1.0360-0.3626i
45.0	19.0990+0.8268i	7.8022-0.3235i	-0.3375-0.1462i	0.6860-0.1431i	1.7394+0.2587i	-0.3294+0.1586i	-0.6313-0.0573i	-1.0626-0.4041i
45.1	19.4800+0.4464i	8.1282-0.4003i	-0.3295-0.1271i	0.6929-0.1093i	1.7732+0.2286i	-0.3382+0.1680i	-0.6738-0.0290i	-1.1223-0.3828i
45.2	19.8150+0.5343i	8.4989-0.3472i	-0.3456-0.2085i	0.7187-0.0673i	1.8009+0.1774i	-0.3589+0.1755i	-0.6811+0.0658i	-1.1392-0.2999i
45.3	19.8067+0.5205i	8.6105-0.3351i	-0.3688-0.2194i	0.7260-0.0497i	1.7971+0.1581i	-0.3262+0.1871i	-0.6731+0.0780i	-1.1282-0.2780i
45.4	19.9424+0.6560i	8.8074-0.2259i	-0.3824-0.1908i	0.7584-0.0007i	1.7979+0.1510i	-0.2954+0.1633i	-0.6702+0.0996i	-1.0650-0.2498i
45.5	19.9019+0.7130i	8.9553-0.2149i	-0.3492-0.2040i	0.7411+0.0810i	1.8167+0.1075i	-0.3256+0.1708i	-0.6975+0.1796i	-1.0781-0.2428i
45.6	19.8909+0.7064i	9.1159-0.2820i	-0.3369-0.1918i	0.7543+0.0325i	1.8174+0.0796i	-0.3091+0.1475i	-0.6826+0.2058i	-1.1013-0.2258i
45.7	20.2841+0.5278i	9.5744-0.4309i	-0.3803-0.2151i	0.7240-0.0528i	1.8653+0.0744i	-0.3195+0.1230i	-0.7522+0.1841i	-1.1259-0.2588i
45.8	20.4824+0.2484i	9.8035-0.5097i	-0.3947-0.2154i	0.6965+0.0092i	1.9057+0.0354i	-0.3283+0.1291i	-0.8102+0.2408i	-1.1810-0.2609i
45.9	20.9234+0.3233i	10.1715-0.4476i	-0.3990-0.2641i	0.6934+0.0871i	1.9268-0.0364i	-0.3370+0.1258i	-0.8132+0.3517i	-1.2613-0.1800i
46.0	20.7955+0.2120i	10.2634-0.5361i	-0.4285-0.2900i	0.7541+0.1642i	1.9048-0.0642i	-0.3246+0.1330i	-0.7713+0.3838i	-1.2657-0.1225i
46.1	20.9235+0.1889i	10.4289-0.5553i	-0.4595-0.2992i	0.7707+0.2036i	1.9161-0.0946i	-0.3032+0.1403i	-0.7905+0.4329i	-1.2806-0.0461i
46.2	21.2422+0.2716i	10.7974-0.4009i	-0.5369-0.2232i	0.7907+0.1738i	1.9158-0.1149i	-0.2854+0.0842i	-0.7526+0.4593i	-1.1685+0.0104i
46.3	21.5364+0.1701i	11.1580-0.4754i	-0.4824-0.2124i	0.7668+0.1992i	1.9271-0.1376i	-0.3423+0.0847i	-0.7684+0.4756i	-1.1389-0.0773i
46.4	21.7471-0.0649i	11.3904-0.5743i	-0.5046-0.3291i	0.7895+0.2804i	1.9512-0.1749i	-0.3337+0.1067i	-0.8064+0.5549i	-1.2347-0.0842i
46.5	21.8607+0.0786i	11.6450-0.4569i	-0.6739-0.3360i	0.9331+0.3132i	1.9587-0.2153i	-0.2725+0.0576i	-0.7239+0.6316i	-1.2718+0.0060i
46.6	21.9577+0.0496i	11.8300-0.5362i	-0.7505-0.2076i	1.0243+0.2877i	1.9377-0.2527i	-0.2824-0.0081i	-0.6552+0.6459i	-1.2565+0.0947i
46.7	22.1042-0.0659i	12.0890-0.5445i	-0.7228-0.1060i	1.0548+0.2511i	1.9294-0.2750i	-0.3126-0.0420i	-0.6534+0.6300i	-1.2168+0.1457i
46.8	22.2956+0.2617i	12.3329-0.4060i	-0.6947-0.1227i	1.0177+0.2056i	1.9288-0.2711i	-0.3706-0.0518i	-0.6598+0.6069i	-1.1774+0.1307i
46.9	22.8367+0.1590i	12.7763-0.4744i	-0.7029-0.1530i	0.9805+0.2335i	1.9497-0.2908i	-0.4204-0.0396i	-0.6787+0.6278i	-1.1835+0.1283i
47.0	23.1394-0.0085i	13.0990-0.6124i	-0.7669-0.1456i	1.0194+0.2733i	1.9792-0.3367i	-0.3976-0.0560i	-0.7043+0.6708i	-1.2231+0.1873i
47.1	23.1999+0.2330i	13.3292-0.5047i	-0.8502-0.1289i	1.1076+0.2593i	1.9698-0.3705i	-0.4085-0.1160i	-0.6537+0.7054i	-1.1717+0.2615i
47.2	23.3674+0.5310i	13.6213-0.2809i	-0.8476-0.1102i	1.1637+0.1758i	1.9527-0.3686i	-0.4686-0.1482i	-0.6025+0.6640i	-1.0954+0.2462i
47.3	23.6860+0.2512i	13.9329-0.4595i	-0.8263+0.0254i	1.1853+0.1851i	1.9573-0.4009i	-0.5140-0.1150i	-0.6085+0.6712i	-1.0603+0.2353i
47.4	24.2172-0.1141i	14.3915-0.6877i	-0.7880+0.0509i	1.1614+0.2106i	1.9604-0.4463i	-0.5664-0.0696i	-0.6250+0.7074i	-1.0377+0.2302i
47.5	24.3544-0.1255i	14.6316-0.6688i	-0.7504-0.0372i	1.1500+0.2230i	1.9467-0.4654i	-0.5993-0.0408i	-0.6296+0.7426i	-1.0141+0.1963i
47.6	24.2362-0.0474i	14.7209-0.6585i	-0.7851-0.1056i	1.1995+0.2573i	1.9084-0.4730i	-0.5812-0.0049i	-0.5857+0.7972i	-1.0634+0.1564i
47.7	24.4184-0.0000i	15.0252-0.5945i	-0.8583-0.0868i	1.2671+0.2371i	1.8944-0.4834i	-0.5437-0.0132i	-0.5228+0.8001i	-1.1282+0.2165i
47.8	24.7379-0.0196i	15.3775-0.5646i	-0.9618-0.0999i	1.3324+0.1153i	1.8906-0.4389i	-0.5222-0.0680i	-0.4823+0.6890i	-1.0786+0.2895i
47.9	25.1499-0.3100i	15.8142-0.6895i	-0.9493+0.0541i	1.3025+0.1092i	1.9285-0.4378i	-0.5611-0.1333i	-0.5370+0.6433i	-1.0556+0.2966i
48.0	25.4954-0.3542i	16.1475-0.6711i	-0.9930+0.0642i	1.2761+0.1533i	1.9659-0.4946i	-0.6152-0.1143i	-0.5893+0.7273i	-1.1092+0.3435i
48.1	26.0044-0.1657i	16.6440-0.6354i	-1.0649+0.0921i	1.3317+0.1467i	1.9647-0.5077i	-0.6767-0.1210i	-0.5790+0.7345i	-1.0241+0.4130i
48.2	26.1907-0.1215i	17.0031-0.6497i	-1.0640+0.0294i	1.3510+0.1568i	1.9792-0.5053i	-0.7157-0.0862i	-0.6056+0.7456i	-0.9754+0.3854i
48.3	26.2727-0.1804i	17.2189-0.6129i	-1.0549+0.0333i	1.4130+0.1649i	1.9799-0.5025i	-0.7288-0.0572i	-0.5950+0.7629i	-0.9306+0.3716i
48.4	26.6260+0.1430i	17.5576-0.3612i	-1.1095+0.0408i	1.4518+0.1052i	2.0211-0.4674i	-0.7735-0.0736i	-0.6287+0.6983i	-0.8976+0.3244i
48.5	26.9315-0.0433i	17.8070-0.4590i	-1.1180+0.1004i	1.4143+0.0629i	2.0492-0.4891i	-0.8165-0.0965i	-0.6510+0.7045i	-0.9086+0.3085i
48.6	27.3459-0.6533i	18.3390-0.8550i	-1.1140+0.1720i	1.3999+0.0650i	2.0732-0.5644i	-0.8511-0.0531i	-0.6709+0.7702i	-0.9474+0.3298i
48.7	27.7599-0.4562i	18.8009-0.8070i	-1.1790+0.0888i	1.4951+0.0937i	2.0640-0.5667i	-0.8699+0.0159i	-0.6314+0.8112i	-0.9276+0.3370i
48.8	28.3351-0.3209i	19.3836-0.8164i	-1.3837+0.0546i	1.5157+0.0546i	2.0885-0.5619i	-0.8318+0.0452i	-0.6389+0.8217i	-0.9510+0.3197i
48.9	28.3345+0.0195i	19.5376-0.6056i	-1.3956+0.0878i	1.5118+0.0186i	2.1325-0.5274i	-0.8263-0.0094i	-0.6888+0.7499i	-0.9581+0.3308i
49.0	28.3775-0.0535i	19.6420-0.5796i	-1.4569+0.2165i	1.4997-0.0135i	2.2044-0.5275i	-0.8717-0.0599i	-0.7710+0.7217i	-0.9435+0.3461i
49.1	29.1863-0.0650i	20.3804-0.5907i	-1.5623+0.3254i	1.5085-0.0259i	2.3097-0.5552i	-0.9488-0.0597i	-0.8551+0.7349i	-0.9365+0.3518i
49.2	29.3984-0.4644i	20.7465-0.8467i	-1.5025+0.3925i	1.5011-0.0208i	2.3464-0.6190i	-1.0232-0.0219i	-0.9052+0.7827i	-0.9128+0.3353i
49.3	30.1384-0.8780i	21.3830-1.1799i	-1.5887+0.5184i	1.4879+0.0133i	2.3965-0.7155i	-1.1151+0.0408i	-0.9655+0.8587i	-0.9288+0.3086i
49.4	30.5421-1.2139i	21.7939-1.3986i	-1.7320+0.5398i	1.5339-0.0023i	2.4413-0.7572i	-1.0699+0.1287i	-1.0099+0.8853i	-1.0040+0.2843i
49.5	30.6505-1.0936i	22.0736-1.3316i	-1.7900+0.4834i	1.5717-0.0528i	2.4519-0.7642i	-1.0412+0.1203i	-0.9967+0.8981i	-1.0117+0.3573i
49.6	30.8115-0.8750i	22.3088-1.1975i	-1.7693+0.4613i	1.6105-0.0999i	2.4950-0.7662i	-1.0676+0.1192i	-1.0416+0.8874i	-0.9704+0.3672i
49.7	31.9140-0.8537i	23.2454-1.1901i	-1.9712+0.5256i	1.6010-0.0812i	2.6276-0.8190i	-1.1478+0.1805i	-1.1490+0.9448i	-0.9915+0.3400i

49.8	32.8349-0.9430i	24.0814-1.2511i	-2.1305+0.5566i	1.6336-0.0692i	2.7109-0.9086i	-1.1646+0.2603i	-1.1991+1.0527i	-1.0973+0.3609i
49.9	32.7644-1.3369i	24.2346-1.5360i	-2.2253+0.6229i	1.6737-0.0794i	2.7684-0.9763i	-1.1117+0.2146i	-1.2748+1.0869i	-1.1310+0.4522i
50.0	32.7502-1.5469i	24.3606-1.7467i	-2.2669+0.7846i	1.6259-0.1060i	2.7864-1.0783i	-1.1850+0.1792i	-1.3455+1.1532i	-1.0561+0.4953i
50.1	33.4660-1.5573i	25.0206-1.7923i	-2.3195+0.8380i	1.6629-0.1377i	2.8134-1.2069i	-1.2294+0.2839i	-1.3974+1.2987i	-1.0586+0.4684i
50.2	33.9725-2.0177i	25.5652-2.0953i	-2.4188+0.9169i	1.6903-0.1970i	2.8463-1.2992i	-1.1785+0.3483i	-1.3884+1.3879i	-1.0963+0.5041i
50.3	33.8161-2.2820i	25.6424-2.3086i	-2.4835+1.0661i	1.6896-0.2183i	2.8311-1.3701i	-1.1456+0.2836i	-1.3668+1.4422i	-1.0817+0.5901i
50.4	34.1721-2.0638i	26.1101-2.1568i	-2.5290+1.1720i	1.6922-0.2846i	2.8699-1.4222i	-1.2344+0.2076i	-1.4387+1.4628i	-1.0347+0.6403i
50.5	34.8530-1.9370i	26.7562-2.0635i	-2.5887+1.1269i	1.6993-0.2996i	2.9691-1.4594i	-1.3183+0.2721i	-1.5414+1.4978i	-1.0127+0.6225i
50.6	35.4089-2.8175i	27.3279-2.6424i	-2.9202+1.4718i	1.6939-0.3225i	3.0608-1.6378i	-1.3350+0.3271i	-1.6478+1.6284i	-1.0112+0.6727i
50.7	35.9732-3.3396i	27.8474-3.0933i	-2.9785+1.9374i	1.6693-0.3486i	3.0873-1.8827i	-1.4237+0.3366i	-1.7194+1.8644i	-0.9577+0.7316i
50.8	35.7613-3.2844i	27.8172-3.0743i	-2.8088+2.1579i	1.7092-0.2442i	2.9995-1.9608i	-1.4763+0.3879i	-1.6209+2.0067i	-0.8942+0.6628i
50.9	36.3859-3.7649i	28.5309-3.4381i	-2.7696+2.3549i	1.7499-0.3371i	3.0170-2.1390i	-1.5205+0.4955i	-1.6431+2.1608i	-0.9406+0.6763i
51.0	36.8671-3.9084i	29.0693-3.5616i	-2.8577+2.5182i	1.7009-0.3894i	2.9892-2.3131i	-1.5813+0.5317i	-1.6680+2.3495i	-0.9208+0.7862i
51.1	37.9407-4.4792i	30.0480-4.0506i	-2.8023+2.7943i	1.6628-0.3917i	2.9502-2.5022i	-1.7154+0.6876i	-1.6231+2.5647i	-0.8274+0.7655i
51.2	38.6765-4.9682i	30.7586-4.4662i	-2.8153+2.9769i	1.8193-0.4955i	2.9143-2.6386i	-1.6550+0.8649i	-1.5191+2.6572i	-0.8767+0.6550i
51.3	38.0294-5.5434i	30.4530-4.8803i	-2.7366+3.0257i	1.7947-0.5083i	2.8007-2.7451i	-1.5492+0.9116i	-1.4542+2.7417i	-0.9565+0.7018i
51.4	38.1183-5.7380i	30.6903-5.0358i	-2.8238+3.2948i	1.8030-0.5844i	2.7587-2.8538i	-1.5646+0.8416i	-1.4595+2.8112i	-0.9585+0.8750i
51.5	38.5588-5.5639i	31.2069-4.9563i	-2.6349+3.6895i	1.7784-0.5593i	2.6722-2.9494i	-1.7574+0.8819i	-1.4544+2.9327i	-0.7700+0.9228i
51.6	39.1914-5.9940i	31.8474-5.2897i	-2.3481+3.7559i	1.8166-0.5313i	2.6018-3.0851i	-1.8165+1.1108i	-1.4002+3.1070i	-0.7117+0.8692i
51.7	39.9616-6.7402i	32.6438-5.9556i	-2.5334+4.0354i	1.8229-0.5788i	2.5319-3.2984i	-1.7763+1.2683i	-1.3228+3.3495i	-0.6001+0.9168i
51.8	40.1320-6.6840i	32.8551-5.9752i	-2.4894+4.3219i	1.8275-0.6490i	2.4705-3.3331i	-1.7883+1.3079i	-1.2684+3.3940i	-0.5181+0.8602i
51.9	40.3665-7.8847i	33.2369-6.8936i	-2.1615+4.6305i	1.8449-0.6892i	2.3394-3.4927i	-1.7705+1.5782i	-1.1639+3.5702i	-0.4685+0.6622i
52.0	41.1206-8.2386i	34.0387-7.1973i	-2.1092+4.7591i	1.8882-0.7466i	2.2347-3.6637i	-1.6123+1.8336i	-1.0196+3.7966i	-0.6357+0.4978i
52.1	41.6763-9.0185i	34.5819-7.8737i	-1.9499+5.1613i	1.8533-0.8544i	2.0769-3.7988i	-1.4069+1.8576i	-0.8277+3.9266i	-0.7853+0.6185i
52.2	41.2872-10.5324i	34.4291-9.0605i	-1.7771+5.3094i	1.7843-0.9718i	1.8618-3.8883i	-1.2273+1.8892i	-0.6474+3.9686i	-0.8119+0.7399i
52.3	40.7739-10.3849i	34.2214-8.9660i	-1.6653+5.4893i	1.6811-0.9723i	1.7558-3.8729i	-1.2277+1.7182i	-0.5957+3.9733i	-0.7158+0.8269i
52.4	41.8305-10.0497i	35.2779-8.7250i	-1.6288+5.6582i	1.6785-0.9290i	1.7505-3.9514i	-1.3617+1.7819i	-0.6064+4.1460i	-0.6846+0.7219i
52.5	42.4453-11.1634i	35.8788-9.6644i	-1.5476+5.8186i	1.7178-0.9437i	1.7039-4.0823i	-1.3657+2.0002i	-0.5398+4.3389i	-0.8217+0.6959i
52.6	40.8951-12.3529i	34.8218-10.6556i	-1.2317+5.9719i	1.7452-1.0014i	1.4929-4.2054i	-1.2618+2.1180i	-0.3645+4.5199i	-0.7853+0.8451i
52.7	40.2661-12.2627i	34.5509-10.6027i	-0.8603+6.4055i	1.6710-1.0125i	1.2219-4.2713i	-1.2085+2.2100i	-0.0722+4.6624i	-0.5911+0.8105i
52.8	41.2121-13.1683i	35.3842-11.4490i	-0.4883+6.8201i	1.6516-1.0679i	0.9764-4.4461i	-1.0309+2.4917i	0.2837+4.8934i	-0.6463+0.7089i
52.9	40.5404-14.1474i	34.9600-12.2754i	-0.0307+7.0046i	1.6070-1.1416i	0.6853-4.5297i	-0.7248+2.5723i	0.6385+4.9534i	-0.7424+0.7186i
53.0	40.1053-14.1404i	34.8732-12.3220i	0.3114+7.0400i	1.5252-1.2416i	0.4446-4.5443i	-0.5095+2.5553i	0.9242+4.9350i	-0.8511+0.7935i
53.1	40.0838-13.7484i	35.0524-12.0345i	0.4926+6.7009i	1.4746-1.3160i	0.2875-4.4719i	-0.4171+2.4974i	1.0925+4.8559i	-0.8658+0.9491i
53.2	39.5143-13.5607i	34.7610-11.9250i	0.6309+6.8384i	1.3713-1.3957i	0.1322-4.4234i	-0.3795+2.4228i	1.2445+4.8022i	-0.7144+1.1562i
53.3	39.0233-13.3870i	34.5133-11.8036i	1.1080+7.2584i	1.3056-1.4258i	-0.0817-4.4290i	-0.3376+2.4889i	1.4865+4.8368i	-0.4157+1.0393i
53.4	38.6992-13.4765i	34.4016-11.8965i	1.9527+7.3941i	1.1524-1.4554i	-0.4239-4.3797i	-0.1009+2.6529i	1.8858+4.7468i	-0.5062+0.6664i
53.5	38.6706-12.6626i	34.5480-11.1786i	2.3508+6.9251i	1.0256-1.3796i	-0.5709-4.1021i	0.1528+2.4282i	2.0304+4.4244i	-0.7775+0.7931i
53.6	38.7956-11.7283i	34.8717-10.4696i	2.5222+6.6491i	0.9803-1.1870i	-0.5631-3.9473i	0.1034+2.1458i	1.9870+4.2770i	-0.7600+1.0264i
53.7	39.2388-11.9506i	35.4061-10.7961i	2.9063+6.9660i	1.0079-1.1238i	-0.7127-4.0269i	-0.0006+2.2633i	2.1146+4.4130i	-0.5492+1.0644i
53.8	39.8188-12.5111i	35.9729-11.2812i	3.5978+6.8726i	1.0424-1.1737i	-0.9883-3.9985i	0.0355+2.4578i	2.4392+4.3729i	-0.4993+0.9585i
53.9	39.7361-12.4535i	36.0688-11.2743i	3.8426+6.1032i	1.0535-1.2470i	-1.1725-3.8018i	0.2668+2.5801i	2.6359+4.1670i	-0.5793+0.9421i
54.0	39.4475-12.1275i	35.9366-10.9939i	4.0113+5.6599i	1.0009-1.2413i	-1.2718-3.6429i	0.4289+2.6086i	2.7266+4.0461i	-0.5952+0.9855i
54.1	39.3602-12.3778i	36.0808-11.2913i	4.2488+5.5694i	0.8615-1.2379i	-1.4034-3.4841i	0.6380+2.5031i	2.8735+3.8784i	-0.4883+1.0551i
54.2	40.0783-12.7082i	36.9287-11.6264i	4.6738+5.3226i	0.8452-1.1338i	-1.5399-3.2914i	0.7606+2.4499i	3.0833+3.6352i	-0.4017+0.9275i
54.3	40.2769-13.0183i	37.2243-11.8966i	4.6414+4.8741i	0.7913-1.1498i	-1.6033-3.1881i	0.9425+2.4343i	3.1436+3.4751i	-0.4815+0.9678i
54.4	40.2045-12.8845i	37.2574-11.7442i	4.4762+4.5968i	0.7009-1.1516i	-1.6642-3.0416i	1.1221+2.3089i	3.1593+3.3156i	-0.4636+1.0557i
54.5	40.3710-12.5297i	37.6015-11.5515i	4.0508+4.2909i	0.6504-1.1431i	-1.6989-2.9383i	1.2735+2.1750i	3.1948+3.2374i	-0.4148+1.1209i
54.6	40.5186-11.6389i	38.0163-10.8443i	3.8302+4.6075i	0.7379-1.0581i	-1.7137-2.8177i	1.2604+1.9635i	3.2102+3.1880i	-0.2649+1.1231i
54.7	41.1101-10.8708i	38.6954-10.1947i	4.2412+4.9370i	0.7125-0.9739i	-1.7350-2.7123i	1.1396+1.9181i	3.2535+3.1341i	-0.1670+1.0074i
54.8	41.4123-11.5492i	39.0450-10.7814i	4.8571+4.7278i	0.6635-0.9546i	-1.8524-2.5250i	1.2701+1.9490i	3.3835+2.8806i	-0.1945+0.8906i
54.9	41.2438-11.5785i	39.0727-10.8816i	4.5811+4.0208i	0.5860-0.9155i	-1.8433-2.3088i	1.5474+1.8338i	3.3347+2.6404i	-0.3231+0.8779i
55.0	40.9387-11.1399i	38.9654-10.5502i	4.3914+3.7081i	0.6021-0.8994i	-1.7955-2.1872i	1.6150+1.6592i	3.2576+2.5238i	-0.3366+0.8876i
55.1	42.0250-10.3733i	40.1823-9.9522i	4.3642+3.5228i	0.7060-0.9067i	-1.7284-2.0768i	1.6203+1.5337i	3.2408+2.4656i	-0.3485+0.9075i
55.2	43.0119-10.0367i	41.2229-9.7947i	4.4408+3.7807i	0.6538-0.8503i	-1.7873-1.9967i	1.7131+1.3954i	3.3466+2.4308i	-0.3240+0.9422i
55.3	42.8777-10.2430i	41.2451-9.9483i	4.3782+3.8136i	0.5723-0.7147i	-1.7977-1.8499i	1.7421+1.1538i	3.3291+2.2737i	-0.2796+0.9445i
55.4	44.5707-10.1672i	42.8973-10.0503i	4.6187+3.8578i	0.5890-0.8274i	-1.7559-1.8274i	1.6109+1.0530i	3.3292+2.1968i	-0.2384+0.9848i
55.5	44.5738-9.4604i	43.0908-9.4788i	4.7670+3.4019i	0.6799-0.8073i	-1.6883-1.7010i	1.5334+1.0524i	3.2680+2.1065i	-0.2361+0.9086i
55.6	45.0038-9.8625i	43.7165-9.8099i	4.6524+3.1052i	0.6129-0.7476i	-1.6931-1.5819i	1.6275+0.9580i	3.2314+2.0119i	-0.2318+0.8962i
55.7	45.9994-10.1565i	44.7454-10.1750i	4.5088+3.3909i	0.5748-0.7746i	-1.7072-1.5193i	1.6644+0.8205i	3.2849+1.9086i	-0.2054+0.9191i
55.8	47.7742-9.9509i	46.5478-9.9970i	4.2420+3.5334i	0.5845-0.7422i	-1.6957-1.4895i	1.6532+0.7238i	3.3122+1.8973i	-0.1917+0.9570i
55.9	48.3070-9.6025i	47.2117-9.7701i	4.2260+3.5069i	0.5883-0.7316i	-1.6561-1.4326i	1.5627+0.6254i	3.2491+1.8728i	-0.1879+0.9467i
56.0	48.8547-10.6042i	47.9176-10.6547i	4.5983+3.4764i	0.6081-0.6861i	-1.6253-1.3116i	1.4085+0.5888i	3.2264+1.7286i	-0.1517+0.9021i

56.1	49.8460-11.4595i	49.0231-11.4079i	4.6074+3.1206i	0.5658-0.6241i	-1.6255-1.2330i	1.5187+0.6525i	3.2233+1.6518i	-0.1551+0.8687i
56.2	49.9305-12.0029i	49.2358-11.9486i	4.5589+3.1403i	0.5395-0.6288i	-1.5721-1.1249i	1.5698+0.5214i	3.1280+1.5227i	-0.1754+0.8581i
56.3	50.4958-10.4690i	50.0901-10.5984i	4.2766+2.9470i	0.6162-0.5993i	-1.4642-1.1068i	1.4808+0.4051i	3.0052+1.5724i	-0.2182+0.8898i
56.4	51.1143-10.2739i	50.8646-10.4762i	4.0064+2.8238i	0.6310-0.5782i	-1.4294-1.0881i	1.4321+0.3585i	2.9602+1.6153i	-0.2325+0.8931i
56.5	52.0547-9.8691i	52.0275-10.2240i	3.8559+2.9459i	0.6027-0.5904i	-1.4251-1.0660i	1.4059+0.3210i	2.9469+1.6652i	-0.2079+0.8839i
56.6	53.0757-9.8853i	53.0982-10.3987i	3.7776+3.1777i	0.5517-0.5533i	-1.3999-1.0302i	1.3722+0.2648i	2.9234+1.6849i	-0.2049+0.9049i
56.7	54.0323-10.1651i	54.1867-10.7759i	3.7492+3.2040i	0.5702-0.5291i	-1.3530-0.9912i	1.3223+0.2107i	2.9067+1.6826i	-0.2093+0.9256i
56.8	55.0187-10.8914i	55.2924-11.4950i	3.8490+3.3574i	0.5506-0.5202i	-1.3513-0.9280i	1.2624+0.1571i	2.9146+1.6417i	-0.1967+0.9366i
56.9	55.7810-11.0821i	56.2213-11.7843i	3.8815+3.5677i	0.5945-0.4978i	-1.2951-0.9113i	1.1925+0.1446i	2.8802+1.6223i	-0.1901+0.9769i
57.0	55.9596-11.3055i	56.6268-12.1037i	4.0867+3.7250i	0.6138-0.4665i	-1.2790-0.8736i	1.1414+0.1418i	2.8618+1.5909i	-0.1521+0.9949i
57.1	57.2291-12.2987i	57.8944-13.1732i	4.4854+4.2657i	0.5672-0.4859i	-1.2995-0.8112i	1.0613+0.1711i	2.9354+1.5746i	-0.0589+0.9894i
57.2	58.1335-13.0078i	58.8845-14.0125i	4.2240+4.2131i	0.5603-0.5234i	-1.2819-0.7862i	1.1011+0.2400i	2.9541+1.5840i	-0.0343+0.9708i
57.3	59.5060-12.6712i	60.5031-13.6319i	3.9514+4.2626i	0.5710-0.5234i	-1.2531-0.7438i	1.1835+0.2447i	2.9638+1.6732i	-0.0545+0.9319i
57.4	60.1023-12.6996i	61.2448-13.7848i	4.2383+4.5145i	0.6020-0.4852i	-1.2071-0.7128i	1.1634+0.1859i	2.9472+1.6703i	-0.0287+0.9248i
57.5	59.6113-13.3180i	60.9967-14.5754i	4.2890+4.5276i	0.7101-0.4484i	-1.1373-0.6504i	1.1570+0.1132i	2.9350+1.5972i	-0.0392+0.8997i
57.6	61.0774-13.9849i	62.7062-15.2369i	4.5765+4.8313i	0.6937-0.4185i	-1.1276-0.5981i	1.1613+0.1123i	3.0159+1.6290i	-0.0375+0.8723i
57.7	62.3129-13.8253i	64.0785-15.1626i	4.6445+4.8339i	0.6365-0.4288i	-1.1098-0.5868i	1.1736+0.1479i	3.0675+1.6961i	-0.0262+0.8517i
57.8	63.3436-14.7277i	65.2211-16.1655i	4.6476+5.0934i	0.5889-0.4482i	-1.0917-0.5442i	1.2159+0.1390i	3.1594+1.6706i	-0.0502+0.8324i
57.9	63.9924-14.4253i	66.0739-15.9654i	4.7539+5.4696i	0.6439-0.4719i	-1.0699-0.5160i	1.2281+0.1277i	3.1735+1.6365i	-0.0711+0.8026i
58.0	64.0645-15.0660i	66.3388-16.6471i	5.1988+5.4962i	0.6989-0.4585i	-1.0048-0.4640i	1.2154+0.0754i	3.1891+1.5843i	-0.0959+0.7754i
58.1	64.9815-15.5353i	67.4498-17.2054i	5.7483+5.7124i	0.6689-0.4461i	-0.9454-0.4170i	1.2285+0.0447i	3.2180+1.5576i	-0.1575+0.7604i
58.2	65.6058-15.6685i	68.2137-17.3833i	5.9540+5.6823i	0.6082-0.3836i	-0.9056-0.4000i	1.2274+0.0535i	3.2461+1.5508i	-0.2032+0.8063i
58.3	66.9870-17.3027i	69.7806-19.1164i	6.2873+5.9956i	0.5898-0.3679i	-0.8780-0.3765i	1.2720+0.0296i	3.3296+1.4988i	-0.1177+0.8912i
58.4	68.4066-16.4847i	71.4724-18.5050i	6.1144+6.1628i	0.5349-0.4555i	-0.8562-0.3962i	1.3287+0.0817i	3.3598+1.5491i	-0.1286+0.8711i
58.5	68.9470-16.9447i	72.1636-19.1565i	6.4425+6.0714i	0.5789-0.4595i	-0.8008-0.3840i	1.3948+0.0913i	3.3852+1.4689i	-0.1858+0.8403i
58.6	69.5253-18.1212i	72.8972-20.3519i	7.1555+5.9975i	0.5478-0.4175i	-0.7402-0.3637i	1.4737-0.0177i	3.3912+1.3659i	-0.2187+0.8763i
58.7	70.9167-18.4882i	74.4568-20.7951i	7.6754+5.9927i	0.5124-0.3402i	-0.7037-0.3468i	1.5673-0.1060i	3.4457+1.3133i	-0.2752+0.9230i
58.8	72.7650-18.2468i	76.3879-20.7513i	8.1559+6.1974i	0.5083-0.4003i	-0.6711-0.3574i	1.6111-0.1587i	3.4758+1.3112i	-0.3008+0.9770i
58.9	72.2006-16.8204i	76.3023-19.5463i	8.1310+5.2907i	0.5647-0.3940i	-0.6109-0.3796i	1.6013-0.2133i	3.3324+1.3729i	-0.2983+0.9967i
59.0	73.5337-18.8404i	77.7395-21.7159i	8.3027+5.4880i	0.3984-0.3709i	-0.6102-0.3610i	1.6615-0.3651i	3.3671+1.2544i	-0.2980+1.0442i
59.1	74.9528-19.4658i	79.4138-22.4120i	8.6233+5.4599i	0.4557-0.2556i	-0.5864-0.3726i	1.6673-0.4557i	3.4113+1.2419i	-0.2587+1.1161i
59.2	76.2371-19.9590i	80.9632-23.0714i	8.5702+5.2560i	0.4342-0.2566i	-0.5642-0.3959i	1.7058-0.5326i	3.4264+1.2582i	-0.2305+1.1835i
59.3	77.6690-19.5641i	82.5924-22.8866i	8.6619+4.9131i	0.4277-0.3247i	-0.5389-0.4021i	1.7513-0.6104i	3.3839+1.3079i	-0.2365+1.2258i
59.4	78.8413-21.1227i	83.9511-24.6304i	9.0086+5.2803i	0.4149-0.2165i	-0.5405-0.3980i	1.7404-0.7516i	3.4432+1.1973i	-0.1937+1.2577i
59.5	80.4312-21.5229i	85.8178-25.1450i	9.4009+5.3369i	0.3777-0.1379i	-0.5295-0.4103i	1.7242-0.8398i	3.4722+1.2004i	-0.1432+1.3033i
59.6	82.7886-21.6475i	88.5117-25.4459i	9.7223+5.1927i	0.4383-0.0978i	-0.4971-0.4046i	1.7231-0.9666i	3.4656+1.2434i	-0.1236+1.3628i
59.7	84.3685-23.2870i	90.2810-27.2662i	10.0596+5.1808i	0.4275-0.1887i	-0.4882-0.4166i	1.6897-1.0837i	3.4749+1.2015i	-0.0865+1.4346i
59.8	86.4037-25.4095i	92.4906-29.6678i	10.3216+5.1184i	0.3817-0.1419i	-0.4859-0.3942i	1.7120-1.2001i	3.5621+1.1641i	-0.0491+1.4714i
59.9	87.5916-26.3318i	94.0178-30.7203i	10.3249+5.0450i	0.3571-0.0202i	-0.4688-0.3867i	1.6740-1.3326i	3.5873+1.1585i	0.0157+1.5239i
60.0	89.1223-26.4135i	95.7717-30.9558i	10.4912+4.7691i	0.2920-0.0483i	-0.4685-0.3964i	1.6682-1.4138i	3.5389+1.1912i	0.0556+1.5605i
60.1	92.9481-28.8236i	99.8741-33.6136i	10.7723+5.2866i	0.2072-0.0056i	-0.4853-0.4040i	1.6714-1.5500i	3.7130+1.1807i	0.1162+1.6334i
60.2	95.5239-30.1724i	102.7828-35.2612i	10.9398+5.7088i	0.2833-0.0273i	-0.4629-0.3976i	1.6045-1.7042i	3.7769+1.1883i	0.1924+1.7166i
60.3	95.6540-32.3146i	103.0535-37.7156i	11.3499+5.8853i	0.3418+0.0744i	-0.4401-0.3603i	1.5371-1.8985i	3.7643+1.1341i	0.2782+1.7563i
60.4	95.6776-33.8786i	103.4282-39.4756i	11.9114+5.7180i	0.3037+0.1308i	-0.4223-0.3368i	1.4368-1.9920i	3.7385+1.0938i	0.3744+1.7637i
60.5	98.8420-35.8829i	107.0488-41.8141i	12.5997+6.6858i	0.4022+0.1020i	-0.4072-0.3237i	1.3436-2.1635i	3.8468+1.0709i	0.5116+1.8658i
60.6	100.5487-36.1515i	109.0038-42.2655i	13.1694+6.4942i	0.4031+0.1103i	-0.3675-0.3162i	1.2520-2.2373i	3.8362+1.1248i	0.6031+1.8686i
60.7	101.6235-39.5263i	110.2351-46.0303i	14.1328+6.2598i	0.3163+0.1982i	-0.3581-0.3132i	1.1218-2.3316i	3.9246+1.0979i	0.7271+1.8180i
60.8	102.6426-41.1888i	111.6705-47.8676i	14.8074+5.8842i	0.3414+0.2360i	-0.3375-0.3324i	1.0203-2.4249i	3.9061+1.0934i	0.8816+1.7960i
60.9	104.5904-41.2890i	114.0948-48.3473i	15.6044+5.3089i	0.3696+0.2322i	-0.2919-0.3307i	0.9078-2.4710i	3.9030+1.1981i	0.9867+1.7273i
61.0	104.5118-42.2517i	114.3156-49.5380i	16.2494+4.2318i	0.4348+0.1993i	-0.2651-0.3378i	0.8069-2.4987i	3.8471+1.2160i	1.0385+1.6207i
61.1	106.8295-44.6764i	117.0632-52.3048i	17.0147+4.0156i	0.4720+0.2098i	-0.2516-0.3388i	0.7201-2.6075i	3.9547+1.2136i	1.1048+1.5813i
61.2	107.5574-47.2316i	117.9792-55.2054i	18.2853+4.4620i	0.4885+0.3401i	-0.2493-0.3285i	0.5948-2.7114i	3.9978+1.1201i	1.1754+1.5117i
61.3	110.4223-53.0704i	121.2562-61.7050i	18.6055+3.5623i	0.5004+0.4208i	-0.2352-0.3350i	0.4026-2.8904i	4.2034+1.0754i	1.3133+1.4907i
61.4	110.7753-52.2582i	122.0903-61.0365i	18.7572+2.8548i	0.5381+0.4362i	-0.2133-0.3364i	0.3459-2.8890i	4.1636+1.1802i	1.3257+1.4477i
61.5	113.3997-52.5721i	125.2898-61.8097i	20.6908+2.3103i	0.5878+0.4924i	-0.1686-0.3282i	0.1994-3.0013i	4.1388+1.2427i	1.4020+1.4004i
61.6	115.9798-57.6729i	128.2424-67.7105i	21.3278+1.1493i	0.6241+0.5204i	-0.1559-0.3264i	-0.0091-3.0769i	4.3401+1.1757i	1.5081+1.3008i
61.7	115.5910-61.2902i	127.9281-71.8268i	20.9871+0.2838i	0.6439+0.4900i	-0.1495-0.3234i	-0.1371-3.0535i	4.4100+1.1031i	1.5071+1.1985i
61.8	114.9137-63.9941i	127.4598-75.0563i	21.6893-0.5500i	0.5998+0.5499i	-0.1198-0.3234i	-0.3416-3.0732i	4.4232+1.0436i	1.5562+1.1215i
61.9	115.5625-70.2996i	128.3293-82.1630i	22.3321-1.8176i	0.6438+0.5872i	-0.1100-0.3333i	-0.6063-3.1778i	4.5333+0.9554i	1.6748+1.0220i
62.0	116.0280-77.1152i	128.9468-89.9860i	23.1326-3.3282i	0.7446+0.6044i	-0.0982-0.3391i	-0.9087-3.1962i	4.7079+0.8161i	1.7984+0.8984i
62.1	120.4098-77.3945i	134.2358-90.8576i	24.2705-4.3655i	0.7103+0.6160i	-0.0599-0.3479i	-1.0002-3.2251i	4.8167+0.9250i	1.8246+0.8863i
62.2	120.1920-79.6109i	134.2760-93.5537i	23.8036-5.8152i	0.6771+0.6581i	-0.0510-0.3584i	-1.1180-3.1652i	4.8916+0.9261i	1.8025+0.7823i
62.3	120.4067-81.8226i	134.8565-96.3069i	23.3188-6.9961i	0.7213+0.6657i	-0.0390-0.3678i	-1.2757-3.1507i	4.9370+0.9833i	1.8391+0.6669i

62.4	120.1545-86.7138i	134.8557-102.2781i	23.3485-7.6877i	0.8216+0.6338i	-0.0152-0.3706i	-1.5358-3.0934i	5.0763+0.8493i	1.8676+0.5013i
62.5	120.5907-89.3141i	135.6020-105.6736i	23.5901-9.0544i	0.8039+0.7324i	0.0021-0.3734i	-1.7134-3.0974i	5.1654+0.8320i	1.8791+0.3857i
62.6	119.1982-96.4627i	134.0200-113.9894i	24.0980-9.9568i	0.8522+0.8006i	0.0253-0.3737i	-1.9454-3.0529i	5.3494+0.5533i	1.9143+0.2647i
62.7	118.7047-102.7295i	133.5772-121.4526i	23.4338-11.8846i	0.9289+0.7719i	0.0333-0.3974i	-2.1683-2.9542i	5.4795+0.4141i	1.8991+0.1303i
62.8	120.6223-108.3538i	135.8155-128.2577i	24.3067-14.3461i	0.8921+0.8946i	0.0808-0.4110i	-2.4564-2.9296i	5.6526+0.3698i	1.9187+0.0197i
62.9	121.7648-112.8566i	137.1153-133.9606i	24.4999-16.0908i	0.8356+0.9254i	0.1029-0.4210i	-2.6178-2.8798i	5.7887+0.3342i	1.8880-0.0675i
63.0	117.3970-116.7491i	132.5148-138.8710i	23.4060-16.6977i	0.9762+0.9622i	0.0929-0.4218i	-2.8011-2.6222i	5.8543+0.1237i	1.8041-0.1658i
63.1	114.6139-124.8821i	129.2818-148.6803i	22.9651-17.8928i	1.0154+1.0688i	0.1103-0.4379i	-3.0761-2.4996i	5.9758-0.2117i	1.7843-0.2928i
63.2	114.4302-132.9457i	128.9952-158.1856i	21.8745-20.5361i	1.0643+1.0285i	0.1340-0.4718i	-3.3279-2.3727i	6.1682-0.3747i	1.7846-0.4141i
63.3	113.2017-138.7702i	127.5774-165.2275i	21.3467-22.6090i	1.0863+1.0381i	0.1662-0.5036i	-3.4986-2.1697i	6.3163-0.5531i	1.7560-0.5399i
63.4	112.5384-139.5752i	127.0431-166.9862i	19.3931-24.4171i	1.0821+1.0171i	0.1817-0.5214i	-3.4987-2.0289i	6.3504-0.5140i	1.6540-0.5718i
63.5	111.5952-145.6451i	125.8260-174.7096i	19.6714-26.5892i	1.1957+1.1173i	0.2004-0.5538i	-3.6702-1.8446i	6.4723-0.7062i	1.5482-0.6451i
63.6	103.2406-152.3712i	115.9694-182.6810i	18.3198-27.1031i	1.3231+1.2085i	0.1887-0.5746i	-3.8348-1.5098i	6.4765-1.1694i	1.4810-0.7666i
63.7	102.0665-155.3445i	115.0376-186.9627i	15.1829-28.7887i	1.3948+1.2054i	0.1775-0.5870i	-3.8885-1.2856i	6.5833-1.1711i	1.3962-0.8410i
63.8	94.8721-160.0979i	106.6446-192.9356i	12.6574-30.6064i	1.5102+1.2311i	0.1674-0.6140i	-3.9020-1.0192i	6.5167-1.4748i	1.2582-0.9164i
63.9	84.9364-166.4597i	94.7837-200.3777i	9.6858-32.8201i	1.6511+1.2574i	0.1396-0.6573i	-3.9583-0.6805i	6.4064-1.8993i	1.1015-0.9594i
64.0	79.2308-171.3200i	87.6045-206.4467i	6.6642-34.2411i	1.7480+1.4163i	0.1557-0.6844i	-4.0163-0.4132i	6.4470-2.1650i	0.9937-0.9965i
64.1	73.1319-171.9812i	80.2568-207.7002i	5.8592-33.8093i	1.7459+1.4076i	0.1504-0.6856i	-3.9456-0.2318i	6.3213-2.3936i	0.9132-0.9800i
64.2	63.9453-178.5830i	69.4876-216.0593i	0.9402-35.0580i	1.9726+1.4877i	0.1231-0.7210i	-3.9598+0.1332i	6.2852-2.8243i	0.8179-0.9914i
64.3	67.3604-180.6299i	73.2678-219.5648i	-2.0797-35.2845i	1.9753+1.4619i	0.1495-0.7356i	-3.9566+0.1826i	6.5008-2.7003i	0.7926-0.9677i
64.4	62.1232-178.9103i	67.2090-217.9965i	-4.9016-36.0901i	2.1291+1.3933i	0.1268-0.7400i	-3.7807+0.3691i	6.3239-2.7924i	0.7230-0.9737i
64.5	50.6214-180.4913i	53.1546-220.1259i	-8.4982-35.1968i	2.3828+1.3337i	0.1011-0.7571i	-3.6236+0.7173i	6.1349-3.2097i	0.5611-0.9855i
64.6	43.8011-184.3738i	44.4698-225.3849i	-11.5926-31.2950i	2.4685+1.3082i	0.0912-0.7623i	-3.5396+0.8722i	6.1598-3.5951i	0.4911-0.9742i
64.7	36.8988-185.4393i	35.8789-226.9097i	-15.0101-29.7113i	2.5842+1.1812i	0.0734-0.7723i	-3.4088+1.0432i	6.0221-3.8594i	0.4420-0.9485i
64.8	34.8027-182.7550i	33.4333-224.6569i	-17.7073-28.9289i	2.8009+1.0827i	0.0691-0.7629i	-3.2410+1.0489i	5.8382-3.8288i	0.3775-0.9031i
64.9	25.0158-182.3927i	21.2470-224.4692i	-23.6729-26.8827i	2.9236+0.9501i	0.0455-0.7643i	-2.9808+1.1960i	5.6102-4.0756i	0.2433-0.8667i
65.0	20.2614-182.2666i	14.9657-224.4022i	-26.3508-22.5159i	2.8389+0.9174i	0.0434-0.7606i	-2.8113+1.2185i	5.5888-4.2703i	0.1899-0.7918i
65.1	15.3012-178.1678i	8.5959-220.3551i	-27.2665-17.9993i	2.9615+0.7896i	0.0380-0.7355i	-2.5541+1.1863i	5.3295-4.4103i	0.1208-0.7030i
65.2	7.1399-178.5304i	-2.0203-220.6991i	-28.3285-13.0010i	3.1020+0.6161i	0.0379-0.7408i	-2.4871+1.2101i	5.0725-4.7461i	0.1122-0.6525i
65.3	-1.0516-174.4206i	-12.3793-216.0078i	-29.4442-6.5764i	3.0733+0.4793i	0.0337-0.7403i	-2.3361+1.2149i	4.7581-4.9555i	0.0848-0.5654i
65.4	-8.8330-167.2692i	-21.8141-207.0992i	-28.3708-1.6109i	3.1442+0.4197i	0.0196-0.7325i	-2.2009+1.1751i	4.2899-5.0623i	0.0917-0.4586i
65.5	-10.9338-165.9808i	-24.9183-205.8195i	-28.0129+1.4281i	3.1044+0.2733i	0.0279-0.7367i	-2.1495+1.1059i	4.1805-5.0945i	0.1458-0.3684i
65.6	-14.4410-163.6686i	-29.6791-203.5636i	-27.5634+6.2621i	3.1047+0.1241i	0.0263-0.7403i	-2.0402+1.0759i	4.0107-5.2147i	0.1998-0.3176i
65.7	-16.6375-159.5574i	-32.9181-198.6885i	-25.9772+9.7754i	3.1385+0.0555i	0.0325-0.7370i	-2.0106+0.9858i	3.7768-5.1967i	0.2874-0.3001i
65.8	-19.3389-151.7584i	-36.4117-189.1283i	-23.4923+11.2247i	3.2022-0.0328i	0.0199-0.7198i	-1.9750+0.9376i	3.3776-5.0493i	0.3318-0.3545i
65.9	-21.8149-152.3780i	-40.4993-190.5695i	-22.2983+14.7779i	3.1229-0.1441i	0.0290-0.7211i	-1.9697+0.8835i	3.2910-5.1672i	0.3398-0.3535i
66.0	-26.9480-144.6147i	-46.7339-180.4874i	-17.5378+18.0588i	3.1044-0.2063i	0.0185-0.7143i	-1.9888+0.8841i	2.8389-5.1614i	0.3673-0.3849i
66.1	-28.8924-142.9563i	-49.8869-178.1200i	-14.6452+20.8776i	3.0505-0.3256i	0.0291-0.7186i	-2.0750+0.8606i	2.6844-5.1540i	0.3988-0.4584i
66.2	-29.8481-140.5138i	-51.7404-175.4661i	-12.3274+22.2372i	2.9753-0.3656i	0.0380-0.7115i	-2.0401+0.8340i	2.5563-5.0817i	0.3626-0.4769i
66.3	-33.5252-136.1319i	-56.2807-169.8256i	-9.3276+25.1994i	2.9903-0.5152i	0.0163-0.7054i	-2.0448+0.8443i	2.2588-5.0761i	0.3419-0.5044i
66.4	-35.0144-132.2233i	-58.7217-164.6178i	-3.6419+26.1261i	2.9130-0.6139i	0.0245-0.7044i	-2.0952+0.8521i	2.0144-4.9941i	0.3320-0.5326i
66.5	-34.7263-128.8259i	-58.7942-160.2041i	-1.9766+23.6669i	2.9521-0.6383i	0.0440-0.6973i	-2.0977+0.8441i	1.8877-4.8601i	0.3041-0.5236i
66.6	-35.9162-124.8850i	-60.5106-155.4676i	1.4607+24.1441i	2.9139-0.7382i	0.0558-0.6950i	-2.1281+0.8307i	1.6797-4.7935i	0.3020-0.5070i
66.7	-34.2282-122.4536i	-59.2919-151.9201i	4.9532+24.1331i	2.8872-0.8593i	0.0855-0.6988i	-2.2215+0.8111i	1.5975-4.6298i	0.3111-0.5576i
66.8	-34.8469-118.6502i	-60.0938-146.8011i	8.9534+23.4173i	2.8903-0.8831i	0.0816-0.6942i	-2.2364+0.8825i	1.4269-4.4944i	0.2853-0.5811i
66.9	-35.9741-115.0419i	-62.0261-142.5188i	12.7136+24.0070i	2.7691-0.9818i	0.0921-0.6895i	-2.2464+0.8780i	1.2748-4.3771i	0.2939-0.5678i
67.0	-34.6643-110.9877i	-60.6619-136.7674i	15.1796+21.2536i	2.7438-0.9371i	0.1159-0.6904i	-2.2829+0.8572i	1.1635-4.2055i	0.2676-0.5794i
67.1	-35.5125-109.5986i	-61.9979-134.7250i	17.6217+20.1542i	2.6611-0.9807i	0.1238-0.7009i	-2.3452+0.8893i	1.0348-4.1322i	0.2535-0.6158i
67.2	-34.8488-104.4545i	-60.8931-128.3894i	20.7555+19.3565i	2.6444-1.0936i	0.1226-0.6869i	-2.3808+0.9178i	0.8398-3.9374i	0.2518-0.6668i
67.3	-31.3409-103.0018i	-56.9640-126.4621i	21.5048+16.3517i	2.6409-1.1410i	0.1595-0.6777i	-2.4229+0.8924i	0.8778-3.7075i	0.2066-0.6835i
67.4	-30.7116-102.2981i	-56.6590-125.1746i	22.5877+16.4535i	2.5164-1.2164i	0.1851-0.6870i	-2.4784+0.9131i	0.9251-3.5931i	0.1981-0.6521i
67.5	-29.7478-99.6022i	-55.4836-121.4042i	24.3329+13.2384i	2.4769-1.1807i	0.2023-0.6969i	-2.5214+0.9821i	0.9118-3.5011i	0.1639-0.6865i
67.6	-31.1843-96.8318i	-57.2247-117.5596i	28.1468+12.3689i	2.3981-1.2418i	0.2045-0.7125i	-2.5903+1.0524i	0.8063-3.4288i	0.1229-0.7149i
67.7	-30.1338-94.8773i	-56.0528-114.9822i	29.4167+10.9547i	2.3278-1.2560i	0.2180-0.7198i	-2.6314+1.0785i	0.7760-3.3084i	0.0858-0.7221i
67.8	-28.5217-92.3992i	-54.3893-111.7517i	31.1814+7.8799i	2.3568-1.2873i	0.2385-0.7255i	-2.7066+1.1468i	0.7396-3.1396i	0.0372-0.7515i
67.9	-26.4493-91.8517i	-51.9628-111.2636i	31.2096+6.7200i	2.3566-1.2691i	0.2686-0.7355i	-2.7572+1.1741i	0.8212-3.0342i	0.0316-0.7521i
68.0	-24.5290-91.9427i	-49.7047-111.2681i	31.3464+4.3095i	2.3128-1.4095i	0.2989-0.7445i	-2.8722+1.2417i	0.9011-2.8954i	-0.0031-0.7600i
68.1	-24.2076-92.4578i	-49.0055-110.8815i	31.0407+1.9975i	2.3735-1.4622i	0.2928-0.7773i	-2.9166+1.3663i	0.8611-2.8662i	-0.0678-0.7513i
68.2	-23.4241-91.6627i	-48.2354-109.6294i	31.9027+0.5127i	2.2916-1.4550i	0.3150-0.7940i	-2.9667+1.4840i	0.9011-2.8063i	-0.1267-0.7771i
68.3	-23.8850-89.6292i	-48.1344-106.5822i	32.5120-4.1278i	2.1850-1.4788i	0.2937-0.8319i	-2.9450+1.7039i	0.8438-2.7672i	-0.1981-0.7668i
68.4	-21.9461-88.3275i	-45.6855-104.3406i	32.9737-7.6287i	2.2165-1.5355i	0.3026-0.8426i	-2.9493+1.8196i	0.8780-2.6546i	-0.2497-0.7429i
68.5	-20.8733-87.9276i	-44.5386-103.6119i	33.6161-9.3628i	2.1660-1.5024i	0.3182-0.8630i	-3.0078+1.8853i	0.9137-2.5869i	-0.2691-0.7057i
68.6	-19.3612-87.2617i	-42.5628-102.9965i	33.0769-9.9289i	2.1384-1.5457i	0.3256-0.8672i	-3.0949+1.9460i	0.9208-2.5109i	-0.2843-0.6805i

68.7	-17.1107-84.6605i	-40.0161-100.5332i	32.6173-11.7283i	2.1537-1.5969i	0.3521-0.8456i	-3.0823+1.9985i	0.9732-2.3734i	-0.3071-0.6291i
68.8	-15.6386-85.4140i	-38.2440-101.0020i	31.0890-15.3733i	2.0982-1.6906i	0.3630-0.8739i	-3.0659+2.1725i	1.0404-2.3714i	-0.3315-0.5613i
68.9	-15.2415-87.9844i	-37.4497-103.0832i	30.5020-18.3279i	2.0394-1.7809i	0.3833-0.9199i	-3.1761+2.4597i	1.1023-2.3799i	-0.3606-0.5601i
69.0	-13.7088-90.8601i	-36.6731-105.5795i	31.3351-19.9911i	1.9660-1.7894i	0.4311-0.9711i	-3.2962+2.6333i	1.2273-2.4195i	-0.3776-0.5484i
69.1	-13.9775-90.8247i	-37.0940-105.4669i	30.1128-21.0995i	1.8275-1.9105i	0.4301-0.9905i	-3.2571+2.7973i	1.2327-2.3939i	-0.3609-0.5249i
69.2	-12.9641-90.3429i	-36.1213-105.4760i	28.0720-22.6539i	1.7167-1.9084i	0.4485-1.0212i	-3.2153+2.9495i	1.2722-2.4108i	-0.3306-0.4938i
69.3	-12.6043-91.3834i	-35.6585-106.0810i	26.9391-24.0830i	1.6332-1.8854i	0.4714-1.0403i	-3.1999+3.1239i	1.3354-2.3647i	-0.3189-0.4892i
69.4	-13.7593-89.5345i	-35.8988-103.8891i	25.7789-26.4070i	1.4650-1.8671i	0.4686-1.0389i	-3.0604+3.3611i	1.3397-2.2520i	-0.3044-0.4991i
69.5	-12.7993-89.1264i	-34.5802-103.0388i	24.1228-27.2849i	1.3384-1.8986i	0.5022-1.0452i	-2.9667+3.5012i	1.4538-2.1596i	-0.2991-0.5501i
69.6	-11.4932-90.2886i	-32.9749-104.7536i	22.9866-28.7384i	1.4419-2.0282i	0.5047-1.1050i	-2.9296+3.7060i	1.4911-2.1996i	-0.3070-0.5690i
69.7	-14.8648-92.3350i	-35.8959-106.6327i	20.8673-30.7269i	1.3858-1.9405i	0.4425-1.2078i	-2.7114+4.0335i	1.3827-2.4090i	-0.3484-0.5747i
69.8	-12.9314-95.2865i	-33.8855-109.1757i	18.4161-32.6162i	1.2789-1.9571i	0.4841-1.2485i	-2.6592+4.2725i	1.5304-2.3932i	-0.4104-0.5932i
69.9	-10.9438-96.2233i	-32.5874-110.3473i	17.5294-33.3922i	1.1017-2.0680i	0.5421-1.2523i	-2.6324+4.4187i	1.6855-2.2562i	-0.4403-0.6194i
70.0	-14.3401-95.0298i	-35.5264-108.7659i	14.1731-35.1900i	1.0871-1.9831i	0.4677-1.2917i	-2.1821+4.5771i	1.5787-2.3222i	-0.4697-0.5721i
70.1	-15.5018-95.8453i	-36.6536-109.0276i	12.7233-35.9718i	1.0017-1.8936i	0.4516-1.3470i	-2.0021+4.7529i	1.6107-2.3892i	-0.5011-0.5744i
70.2	-17.9412-97.2988i	-39.7308-110.7503i	11.5502-35.8670i	0.8407-1.9703i	0.4417-1.4071i	-1.8729+5.0110i	1.6152-2.4486i	-0.5178-0.6084i
70.3	-18.9615-98.5229i	-40.7412-112.1472i	9.1151-36.3072i	0.7115-1.8386i	0.4268-1.4779i	-1.5967+5.0661i	1.6664-2.5669i	-0.5294-0.5817i
70.4	-17.7538-98.3377i	-39.2103-111.7534i	7.3112-36.7025i	0.7280-1.8444i	0.4194-1.4827i	-1.4589+5.0656i	1.6711-2.5217i	-0.5365-0.5967i
70.5	-18.2447-97.3939i	-39.8956-110.8711i	4.6634-37.2630i	0.6184-1.8809i	0.4249-1.4881i	-1.1538+5.1109i	1.7652-2.4668i	-0.5833-0.5884i
70.6	-22.2198-96.8300i	-43.2687-109.6793i	2.1721-37.5235i	0.5485-1.7295i	0.3062-1.5219i	-0.7419+5.1771i	1.5866-2.5817i	-0.6215-0.5920i
70.7	-21.7725-98.7023i	-43.4037-111.5143i	2.2874-36.5278i	0.4771-1.8459i	0.3258-1.5626i	-0.7269+5.3262i	1.6634-2.5749i	-0.6588-0.6776i
70.8	-21.3646-97.8877i	-43.1592-110.6358i	0.4446-35.6957i	0.4351-1.8165i	0.3359-1.5761i	-0.4989+5.2894i	1.7439-2.5837i	-0.7212-0.6617i
70.9	-23.8544-94.9011i	-45.1939-107.4214i	-2.0173-34.8620i	0.3238-1.6242i	0.2689-1.5707i	-0.1455+5.1720i	1.6741-2.6035i	-0.7550-0.6339i
71.0	-25.6343-97.6829i	-47.2239-110.2831i	-4.0504-35.9807i	0.1420-1.6027i	0.2540-1.6514i	0.1644+5.3850i	1.7515-2.7354i	-0.8904-0.6498i
71.1	-28.9835-97.5694i	-50.8725-109.6334i	-5.1031-35.1614i	-0.0045-1.5019i	0.1864-1.7150i	0.5106+5.3482i	1.6721-2.9046i	-0.9899-0.6191i
71.2	-26.4424-96.1296i	-48.1776-108.4686i	-7.2787-33.6894i	-0.0660-1.4713i	0.2243-1.6949i	0.6898+5.1425i	1.7896-2.8877i	-1.0703-0.5710i
71.3	-25.3057-96.1563i	-47.0013-108.9323i	-8.5430-32.8510i	-0.1204-1.4675i	0.2655-1.6781i	0.7946+5.1331i	1.8883-2.8122i	-1.1432-0.5728i
71.4	-31.2884-94.0562i	-53.0143-105.5202i	-10.0999-31.7307i	-0.1463-1.2139i	0.1100-1.7079i	1.1666+4.9463i	1.6211-2.9528i	-1.1863-0.4645i
71.5	-31.7772-94.5274i	-53.5538-105.7017i	-10.2027-29.7633i	-0.1695-1.0658i	0.0823-1.7685i	1.2821+4.7441i	1.5733-3.1119i	-1.2106-0.3598i
71.6	-29.7799-91.8030i	-51.1008-103.2653i	-11.6402-29.4478i	-0.1205-1.0417i	0.1106-1.7091i	1.4557+4.6036i	1.6270-2.9782i	-1.3171-0.3043i
71.7	-29.7344-91.5287i	-50.9662-103.4410i	-13.6014-28.9830i	-0.2067-1.1043i	0.1366-1.6689i	1.5574+4.5929i	1.6959-2.8657i	-1.3946-0.3126i
71.8	-30.2838-94.6622i	-52.1035-106.8444i	-16.0413-27.3011i	-0.2526-0.9834i	0.1661-1.7802i	1.8016+4.6135i	1.8254-3.0863i	-1.5014-0.1833i
71.9	-33.0311-92.8125i	-54.5414-104.5318i	-16.7891-25.8249i	-0.2742-0.7795i	0.0676-1.8031i	1.9967+4.2922i	1.6257-3.1960i	-1.4441+0.0257i
72.0	-33.4065-91.5040i	-54.7043-103.0128i	-15.3686-23.6302i	-0.2021-0.7521i	-0.0210-1.7988i	1.9671+3.9493i	1.3929-3.2315i	-1.3548+0.1395i
72.1	-34.7118-90.6731i	-56.3237-101.5427i	-16.0339-21.6779i	-0.1920-0.4651i	-0.0591-1.8972i	2.0989+3.7408i	1.3215-3.4816i	-1.3018+0.2436i
72.2	-35.4210-90.4471i	-57.3801-101.3061i	-17.5743-21.8254i	-0.2597-0.4345i	-0.0540-1.8966i	2.2673+3.7682i	1.3688-3.4433i	-1.3498+0.2920i
72.3	-34.5990-90.4386i	-56.1827-101.4964i	-18.6934-21.4206i	-0.1908-0.4795i	-0.0329-1.9068i	2.3583+3.7187i	1.4230-3.4262i	-1.3845+0.3244i
72.4	-36.2021-90.3275i	-57.6519-101.1389i	-18.4860-19.9363i	-0.0797-0.2240i	-0.0814-1.9747i	2.4610+3.5169i	1.3572-3.5931i	-1.3734+0.4324i
72.5	-37.3371-88.9039i	-58.8017-99.4241i	-17.9415-18.5974i	0.0157-0.1726i	-0.1570-1.9668i	2.5148+3.3633i	1.1542-3.5951i	-1.3282+0.4625i
72.6	-39.0950-88.6007i	-60.8172-98.8987i	-17.9869-16.6802i	-0.0782-0.1265i	-0.1900-2.0022i	2.6069+3.2061i	1.0850-3.6738i	-1.3140+0.5531i
72.7	-38.4587-89.4762i	-60.6669-100.1991i	-18.7527-16.4823i	-0.2594-0.1157i	-0.1118-2.0120i	2.6575+3.1797i	1.2837-3.6060i	-1.3790+0.6418i
72.8	-40.4249-87.4133i	-62.4183-97.8300i	-18.1209-15.6111i	-0.1416-0.1058i	-0.2186-1.9957i	2.5939+3.0048i	1.0431-3.5651i	-1.2991+0.6612i
72.9	-42.9640-84.3496i	-64.8044-94.0333i	-17.5829-13.4073i	0.0021-0.0817i	-0.3680-1.9866i	2.6025+2.7806i	0.6961-3.6063i	-1.1756+0.7076i
73.0	-43.1974-85.0195i	-65.2834-94.7572i	-18.0571-12.0484i	-0.0358-0.0408i	-0.3700-2.0424i	2.7073+2.7058i	0.7310-3.6866i	-1.1741+0.8135i
73.1	-43.1403-82.3941i	-65.0189-92.0999i	-18.0804-11.7240i	0.1359+0.0171i	-0.4015-2.0192i	2.6869+2.4663i	0.6375-3.6395i	-1.0819+0.9147i
73.2	-43.1493-79.4232i	-64.6004-88.7818i	-17.8945-11.0183i	0.2964+0.0389i	-0.4687-1.9409i	2.6769+2.2044i	0.4638-3.5009i	-0.9809+0.9851i
73.3	-46.3380-80.5492i	-67.9880-89.3960i	-18.0823-9.5725i	0.1538+0.2997i	-0.5161-2.0403i	2.7903+2.1193i	0.4506-3.6644i	-0.9359+1.0857i
73.4	-45.0973-80.0992i	-66.9142-89.1422i	-18.0295-8.4781i	0.1263+0.3362i	-0.4685-2.0553i	2.7703+2.0077i	0.5259-3.6673i	-0.9169+1.1292i
73.5	-41.7060-79.4861i	-63.1996-89.1257i	-17.5218-8.0351i	0.1150+0.1397i	-0.4440-2.0217i	2.5869+1.8510i	0.4887-3.5231i	-0.8298+1.0816i
73.6	-42.2513-79.5585i	-63.8849-89.1302i	-17.3531-7.4595i	0.1065+0.1116i	-0.4857-2.0605i	2.6446+1.8382i	0.4407-3.5464i	-0.8517+1.1003i
73.7	-42.2071-79.6893i	-64.0572-89.2964i	-16.9104-6.4357i	0.1233+0.1679i	-0.4865-2.1027i	2.6955+1.7896i	0.4521-3.5855i	-0.8486+1.1544i
73.8	-44.6643-77.5989i	-66.7682-86.7216i	-16.7922-6.2508i	0.0400+0.3263i	-0.5664-2.0591i	2.7165+1.6747i	0.3302-3.4964i	-0.7680+1.2132i
73.9	-43.0032-75.7005i	-64.5301-85.0100i	-16.5168-5.4271i	0.1281+0.2509i	-0.5831-2.0362i	2.5612+1.4375i	0.2550-3.4221i	-0.6135+1.2280i
74.0	-45.3586-74.4681i	-67.0186-83.3364i	-15.8423-4.0527i	0.2589+0.3770i	-0.6901-2.0680i	2.6086+1.2997i	0.1062-3.4855i	-0.5364+1.3004i
74.1	-45.6049-72.2827i	-67.1713-80.6371i	-15.0878-3.4485i	0.2498+0.4339i	-0.7202-2.0245i	2.5510+1.2592i	0.0424-3.3882i	-0.4705+1.2516i
74.2	-45.2544-73.5680i	-67.3380-81.9945i	-14.5110-2.6354i	0.2213+0.3438i	-0.7256-2.0911i	2.4424+1.2914i	0.0395-3.4334i	-0.4283+1.1889i
74.3	-46.4731-70.1377i	-67.9919-77.9967i	-13.3102-2.9783i	0.2849+0.4061i	-0.8455-1.9966i	2.4374+1.2035i	-0.1622-3.2748i	-0.3882+1.1601i
74.4	-46.0415-71.4333i	-67.7843-79.6048i	-13.2747-1.8255i	0.2925+0.4705i	-0.8197-2.0724i	2.4759+1.1518i	-0.0842-3.3435i	-0.3703+1.2302i
74.5	-47.4565-70.6855i	-69.7047-78.5586i	-12.7087-0.4795i	0.2077+0.6951i	-0.8798-2.1155i	2.3914+1.0400i	-0.1437-3.3871i	-0.2491+1.2390i
74.6	-48.8052-68.8200i	-71.2627-76.3626i	-12.4846+0.1942i	0.1624+0.6909i	-0.9441-2.1016i	2.3593+0.9425i	-0.2299-3.3526i	-0.1690+1.2174i
74.7	-46.9435-66.4274i	-68.8380-73.9317i	-11.6559+0.1289i	0.2279+0.6306i	-0.9525-2.0323i	2.2863+0.8618i	-0.2718-3.1931i	-0.1510+1.1539i
74.8	-46.2721-64.7835i	-67.9576-72.2762i	-11.3392+0.5990i	0.4136+0.4979i	-0.9768-2.0107i	2.1925+0.7787i	-0.3145-3.1452i	-0.0721+1.1081i
74.9	-46.1111-63.0377i	-67.5890-70.3929i	-10.6734+0.1778i	0.3860+0.5606i	-1.0182-1.9519i	2.1851+0.7706i	-0.3607-3.0228i	-0.0595+1.0615i

75.0	-44.6222-62.3949i	-66.1860-69.6886i	-10.3662+0.8868i	0.2638+0.6121i	-0.9868-1.9611i	2.0471+0.6720i	-0.3128-2.9733i	0.0147+1.0546i
75.1	-42.9176-61.8977i	-64.5349-69.4030i	-10.8323+1.2296i	0.2171+0.4897i	-0.9546-1.9599i	1.9944+0.5701i	-0.2688-2.9036i	0.0037+1.0273i
75.2	-44.1916-61.6446i	-66.0412-68.7783i	-9.4563+1.5597i	0.1939+0.6151i	-1.0575-2.0035i	2.0427+0.5421i	-0.3580-2.9659i	-0.0050+1.0384i
75.3	-43.0305-61.0902i	-64.7099-67.8769i	-7.5470+2.0991i	0.1700+0.6110i	-1.1024-1.9856i	1.9419+0.5758i	-0.3975-2.8884i	0.0018+1.0122i
75.4	-43.1733-59.2419i	-64.8665-65.7732i	-7.9604+1.8110i	0.2405+0.6616i	-1.1389-1.9473i	1.9187+0.4889i	-0.4431-2.7869i	0.0466+0.9828i
75.5	-43.2872-57.0789i	-64.7197-63.2302i	-6.7090+0.9548i	0.0570+0.8257i	-1.2001-1.8801i	1.7664+0.4578i	-0.5035-2.6716i	0.1002+0.9135i
75.6	-44.8377-56.0365i	-66.3765-61.4317i	-5.2129+1.4754i	0.2199+0.8308i	-1.3382-1.8790i	1.7545+0.4339i	-0.6437-2.6947i	0.1618+0.9144i
75.7	-44.1770-54.3755i	-65.4647-59.6072i	-4.9994+1.1047i	0.3384+0.8516i	-1.3494-1.8070i	1.7326+0.3396i	-0.6518-2.5693i	0.1762+0.9413i
75.8	-42.7985-55.5787i	-64.4067-60.9795i	-5.2468+1.9518i	0.2593+1.0694i	-1.3108-1.8836i	1.6262+0.3675i	-0.5186-2.6203i	0.1905+0.9066i
75.9	-41.6919-54.7529i	-63.2504-59.9662i	-4.3718+2.3213i	0.2492+1.2810i	-1.3335-1.8858i	1.5491+0.3580i	-0.5049-2.6040i	0.1976+0.8772i
76.0	-41.1038-54.4536i	-62.7566-59.1435i	-3.4453+2.0376i	0.1668+1.3230i	-1.3792-1.8732i	1.5097+0.3960i	-0.5014-2.5446i	0.1983+0.8653i
76.1	-40.4896-53.3745i	-62.2317-57.7969i	-3.4148+2.9249i	0.2828+1.3768i	-1.3847-1.8906i	1.4194+0.3448i	-0.4892-2.5335i	0.2086+0.8358i
76.2	-40.9615-51.2482i	-62.1177-55.2853i	-2.6686+2.1216i	0.4567+1.4780i	-1.4436-1.7755i	1.3589+0.3456i	-0.5441-2.4230i	0.2521+0.7950i
76.3	-41.1154-52.3679i	-62.4899-55.9890i	-1.3894+1.9480i	0.4438+1.6523i	-1.5618-1.8441i	1.2667+0.3955i	-0.5800-2.4722i	0.2728+0.8316i
76.4	-40.7229-52.1435i	-61.9422-55.5195i	-1.3152+1.0832i	0.4402+1.8308i	-1.6202-1.8343i	1.2806+0.4094i	-0.5768-2.4528i	0.2738+0.8418i
76.5	-38.6312-51.8014i	-59.5367-55.2524i	-0.5809+1.6443i	0.5222+1.9012i	-1.5807-1.8278i	1.2192+0.3903i	-0.4817-2.4103i	0.2916+0.8002i
76.6	-36.5405-50.2073i	-56.9963-53.6878i	-0.8781+1.0327i	0.7416+1.7520i	-1.5008-1.7530i	1.1868+0.4315i	-0.3809-2.2885i	0.2705+0.7658i
76.7	-37.0305-49.5774i	-56.9410-52.8786i	-0.4298+0.0638i	0.8327+1.8579i	-1.5720-1.6681i	1.2402+0.4859i	-0.3981-2.2110i	0.2458+0.7411i
76.8	-37.6201-50.1545i	-57.7797-53.1616i	0.2518-0.1034i	0.8501+2.0399i	-1.6657-1.7039i	1.1337+0.5271i	-0.4303-2.2689i	0.3402+0.7305i
76.9	-36.7224-51.6032i	-56.8702-54.2569i	0.2959+0.9328i	1.0002+2.1065i	-1.6609-1.7764i	1.0843+0.5589i	-0.3137-2.3487i	0.3671+0.7611i
77.0	-35.9649-49.6598i	-55.5579-51.9349i	1.1274-0.2582i	1.2189+1.9787i	-1.7667-1.6897i	1.1077+0.6543i	-0.3779-2.2945i	0.3602+0.6977i
77.1	-34.4750-49.9797i	-53.9761-52.3975i	1.0489-0.1909i	1.2735+1.9100i	-1.7816-1.7110i	1.1460+0.7563i	-0.3480-2.3024i	0.2967+0.6643i
77.2	-33.1606-49.6623i	-52.1350-52.0985i	0.9630-1.5772i	1.2907+2.1441i	-1.7939-1.5907i	1.1174+0.8250i	-0.3227-2.1961i	0.2981+0.6057i
77.3	-32.9999-49.0862i	-51.6939-51.5615i	1.6346-1.7824i	1.2812+2.1072i	-1.8038-1.5722i	1.1481+0.8284i	-0.2981-2.2002i	0.3360+0.5490i
77.4	-33.6143-49.5499i	-52.1619-51.7160i	2.2883-1.4546i	1.3955+2.0307i	-1.9218-1.5875i	1.1302+0.8528i	-0.3378-2.2906i	0.3974+0.4854i
77.5	-33.3705-47.6268i	-51.3378-49.3121i	2.0741-2.3352i	1.6263+1.9033i	-1.9908-1.4689i	1.1712+0.8785i	-0.4172-2.2278i	0.3671+0.4054i
77.6	-32.1780-49.7951i	-49.9446-51.8479i	1.9426-2.3352i	1.7343+1.8711i	-1.9830-1.4973i	1.3410+0.9661i	-0.2868-2.2589i	0.2853+0.4156i
77.7	-30.7659-49.2518i	-48.2538-51.5168i	1.8495-2.4418i	1.7416+1.8011i	-1.9609-1.4486i	1.3171+0.9189i	-0.2240-2.2461i	0.2881+0.3921i
77.8	-29.3858-46.5590i	-46.2508-48.9697i	1.5890-2.6876i	1.7928+1.8460i	-1.9316-1.3468i	1.2779+0.8072i	-0.2277-2.1482i	0.2374+0.3437i
77.9	-29.3601-46.9973i	-45.9928-49.3611i	2.1464-3.0877i	1.7828+1.8478i	-1.9764-1.3314i	1.3487+0.8565i	-0.2546-2.1674i	0.1764+0.3224i
78.0	-29.0920-47.4873i	-45.7559-49.7406i	2.1131-3.2654i	1.8912+1.8218i	-2.0033-1.3019i	1.4200+0.8616i	-0.2100-2.2159i	0.1087+0.3428i
78.1	-30.6725-47.0682i	-47.4759-49.1884i	2.0458-4.2875i	1.9725+1.7988i	-2.0650-1.1795i	1.5330+0.7723i	-0.2354-2.2546i	0.0811+0.3587i
78.2	-28.9573-49.1404i	-45.6143-51.6696i	2.2987-4.3615i	2.0586+1.8505i	-2.0845-1.1675i	1.5640+0.8329i	-0.1831-2.3045i	-0.0001+0.3747i
78.3	-28.7095-48.9774i	-44.9190-51.6338i	2.0672-4.2255i	2.0934+1.7908i	-2.0441-1.0935i	1.6073+0.7350i	-0.1732-2.2968i	-0.0445+0.4342i
78.4	-29.2900-49.7535i	-45.3642-52.3226i	2.3793-4.0573i	2.2146+1.7795i	-2.0927-1.0739i	1.6600+0.7244i	-0.1786-2.3921i	-0.0733+0.4387i
78.5	-29.1935-49.6623i	-45.1572-52.2286i	2.4108-3.8296i	2.2536+1.5126i	-2.0803-0.9898i	1.6944+0.6542i	-0.2126-2.4710i	-0.0739+0.4934i
78.6	-28.8961-47.6963i	-44.3344-50.3023i	2.6149-5.0199i	2.1670+1.4566i	-2.0557-0.8663i	1.7242+0.5562i	-0.3279-2.4237i	-0.1166+0.5401i
78.7	-29.1817-47.9441i	-44.6803-50.6102i	2.0451-5.8718i	2.1500+1.3937i	-2.0204-0.8550i	1.7841+0.4807i	-0.3468-2.4373i	-0.1264+0.6083i
78.8	-28.7184-50.0645i	-44.3368-53.1191i	2.6988-6.1846i	2.0041+1.5313i	-1.9867-0.8942i	1.8169+0.4812i	-0.2694-2.5561i	-0.1028+0.6853i
78.9	-27.9753-50.4620i	-43.2011-53.5361i	1.9763-6.3228i	1.9211+1.8247i	-1.9577-0.9038i	1.8270+0.4075i	-0.2076-2.6458i	-0.1021+0.7485i
79.0	-29.2697-52.1801i	-44.4884-55.2644i	1.8837-5.0615i	2.2126+1.9199i	-2.0211-0.9178i	1.8192+0.3444i	-0.3168-2.8902i	-0.0260+0.8204i
79.1	-29.3490-48.3530i	-44.1785-51.3357i	2.0435-5.8471i	2.4612+1.5583i	-1.9755-0.7377i	1.7810+0.2525i	-0.6195-2.6789i	0.0164+0.8556i
79.2	-30.2371-51.1736i	-45.4412-54.5308i	2.3748-6.5710i	2.5108+1.4885i	-2.0230-0.7496i	1.8936+0.2581i	-0.7362-2.7512i	0.0424+0.9080i
79.3	-30.9874-49.8291i	-46.2747-53.0651i	1.3298-6.9041i	2.4311+1.3566i	-1.9302-0.6969i	1.9019+0.1643i	-0.8066-2.6728i	0.1110+0.8858i
79.4	-30.2498-47.7601i	-45.1328-50.9918i	0.6631-7.3926i	2.5513+1.2512i	-1.8764-0.6453i	1.8559+0.0226i	-0.8711-2.5058i	0.1094+0.9536i
79.5	-29.2826-49.3941i	-44.0544-53.0209i	1.4986-7.0747i	2.4266+1.2365i	-1.9132-0.6987i	1.8252-0.0029i	-0.8903-2.5202i	0.1917+0.9649i
79.6	-29.6733-49.5007i	-44.5378-53.2554i	1.9069-7.5550i	2.4474+1.3193i	-1.9215-0.6920i	1.8055-0.0262i	-0.9390-2.5126i	0.2276+0.9382i
79.7	-29.9997-48.7729i	-44.9032-52.4844i	1.6023-7.3162i	2.5654+1.3441i	-1.9131-0.6807i	1.7100-0.0946i	-0.9929-2.4974i	0.2983+0.9440i
79.8	-29.8782-47.9993i	-44.6843-51.8797i	0.8947-7.0788i	2.6438+1.3071i	-1.8604-0.7072i	1.6716-0.1842i	-1.0048-2.4141i	0.3122+0.9336i
79.9	-29.9133-46.9473i	-44.4902-50.9566i	0.7810-7.3915i	2.6607+1.2459i	-1.8337-0.7052i	1.6642-0.2574i	-1.0377-2.3343i	0.3198+0.8989i
80.0	-28.8966-47.3861i	-43.2097-51.6873i	0.6357-7.8188i	2.6064+1.2463i	-1.8367-0.7016i	1.6129-0.2733i	-1.0012-2.2626i	0.3398+0.9015i

2.1.38 Run 4 – IP050 – Accels 9–16

In-plane shaking at 50°. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	2.7235+0.0000i	-7.9148+0.0000i	-6.8773+0.0000i	12.6548+0.0000i	7.7084+0.0000i	2.6983+0.0000i	-2.2878+0.0000i	17.4000+0.0000i
0.1	0.6404-0.1685i	-6.3408+0.3589i	-5.8999-0.0610i	9.7072-0.1273i	5.3560-0.2055i	2.0243+0.5599i	-1.9397+0.2302i	13.7956+0.6648i
0.2	-0.7124-1.8635i	0.4856+0.2178i	-1.1350+2.4949i	-0.7602+1.1683i	-2.5218+2.3000i	-1.2616+0.4372i	-0.6163+0.6703i	-0.4318-0.0264i
0.3	1.0245-0.2389i	0.0636-0.1618i	-0.2134+1.2144i	-0.2923+0.3577i	-1.1281+0.8471i	-0.1239-0.1565i	-0.1535+0.2722i	-0.0218+0.2874i
0.4	0.8610+0.3202i	-0.2400-0.3084i	-0.1401+0.1183i	-0.1588+0.2276i	0.4468+0.7415i	0.3716-0.3244i	0.0038-0.2284i	-0.0304-0.1334i
0.5	-0.1251+0.0771i	-0.2227+0.0992i	-0.1350-0.0065i	-0.0902-0.1003i	0.1318-0.0524i	0.1690-0.0590i	-0.0993-0.0405i	0.0280+0.1206i
0.6	0.1074-0.0336i	-0.1399-0.0892i	-0.0253+0.0139i	-0.0564-0.0030i	0.0150+0.0147i	-0.0502+0.0038i	-0.0392-0.0088i	0.0263+0.0144i
0.7	-0.0363-0.0450i	-0.1704-0.0391i	-0.0132+0.0043i	-0.0673-0.0018i	-0.0168+0.0072i	-0.0385+0.0051i	-0.0650-0.0014i	-0.0006+0.0019i
0.8	-0.1059-0.0353i	-0.1971-0.0048i	-0.0248-0.0103i	-0.0775-0.0088i	-0.0111+0.0067i	-0.0285-0.0032i	-0.0807-0.0041i	-0.0051+0.0012i
0.9	-0.1125-0.0048i	-0.2139-0.0121i	-0.0492-0.0231i	-0.1001-0.0056i	-0.0055-0.0029i	-0.0526-0.0115i	-0.1015-0.0023i	-0.0164-0.0082i
1.0	-0.1074+0.0014i	-0.2687-0.0093i	-0.0700-0.0214i	-0.1314-0.0049i	-0.0093-0.0156i	-0.0754-0.0145i	-0.1386+0.0020i	-0.0213-0.0080i
1.1	-0.1438+0.0013i	-0.3986+0.0138i	-0.0901-0.0058i	-0.1854+0.0190i	-0.0245-0.0234i	-0.0938-0.0063i	-0.2014+0.0245i	-0.0228-0.0114i
1.2	-0.2140+0.0063i	-0.4407-0.0574i	-0.1211-0.0027i	-0.2312+0.0364i	-0.0318-0.0339i	-0.1164-0.0097i	-0.2308+0.0477i	-0.0362-0.0035i
1.3	-0.2736+0.0125i	-0.4951-0.0243i	-0.1366+0.0060i	-0.2094+0.1316i	-0.0274-0.0104i	-0.1573-0.0290i	-0.2098+0.1388i	-0.0492-0.0030i
1.4	-0.3724+0.0256i	-0.6670-0.0160i	-0.1156-0.0079i	-0.0044+0.0941i	-0.0331-0.0160i	-0.2285-0.0263i	-0.0052+0.0974i	-0.0571-0.0054i
1.5	-0.5315+0.1538i	-0.8760+0.0864i	-0.1774-0.0984i	-0.2444-0.3402i	-0.0400-0.0076i	-0.2643+0.0600i	-0.2552-0.3281i	-0.0749-0.0078i
1.6	-0.5956+0.2817i	-1.0210+0.1975i	-0.3320-0.1208i	-1.0003-0.3424i	-0.0426-0.0147i	-0.2087+0.0739i	-1.0093-0.3097i	-0.0963-0.0062i
1.7	-0.7172+0.5470i	-1.2415+0.4175i	-0.4642-0.0720i	-1.4579+0.2884i	-0.0544-0.0264i	-0.2428+0.0131i	-1.4456+0.3276i	-0.1199+0.0017i
1.8	-0.7731+0.8368i	-1.3796+0.6810i	-0.5687-0.0321i	-1.6197+0.9045i	-0.0702-0.0375i	-0.3168-0.0430i	-1.5917+0.9431i	-0.1406+0.0094i
1.9	-0.4250+1.3478i	-1.2675+1.1193i	-0.7486+0.0198i	-1.1605+1.9138i	-0.1005-0.0613i	-0.5206-0.1295i	-1.1092+1.9370i	-0.1687+0.0226i
2.0	0.1733+1.5521i	-1.0562+1.2694i	-1.0364+0.0605i	-0.1969+2.4757i	-0.1610-0.0764i	-0.9003-0.1899i	-0.1314+2.4746i	-0.2146+0.0250i
2.1	0.7477+1.1852i	-1.1662+1.0377i	-1.7299+0.1793i	0.9404+2.0333i	-0.2890-0.0781i	-1.7319-0.0608i	0.9998+2.0078i	-0.3308+0.0352i
2.2	0.8768+0.9088i	-1.9559+0.9980i	-2.8766+0.4503i	1.3307+1.5999i	-0.4545-0.0696i	-2.9278+0.2396i	1.3912+1.5666i	-0.5299+0.0732i
2.3	0.9668+0.6828i	-2.2819+1.6591i	-3.2874+1.5605i	1.6057+1.1460i	-0.5522+0.0784i	-3.3864+1.3898i	1.6612+1.0963i	-0.6085+0.2561i
2.4	0.8461+0.4246i	2.0922+1.2223i	2.8297+1.2054i	1.0485+0.7034i	0.2371+0.2187i	2.7141+1.1160i	1.0257+0.6626i	0.4096+0.2148i
2.5	0.7712+0.2980i	1.3906+0.5479i	2.0007+0.4284i	1.0037+0.5316i	0.1468+0.0995i	1.8986+0.3657i	0.9867+0.5036i	0.2629+0.0789i
2.6	0.6967+0.2371i	0.8535+0.3675i	1.4215+0.2481i	0.9259+0.4333i	0.0751+0.0653i	1.3305+0.1961i	0.9133+0.4115i	0.1576+0.0458i
2.7	0.6597+0.2019i	0.5795+0.2885i	1.1674+0.1839i	0.8951+0.3770i	0.0380+0.0485i	1.0809+0.1368i	0.8832+0.3565i	0.1080+0.0337i
2.8	0.6274+0.1721i	0.3447+0.2158i	0.9796+0.1267i	0.8731+0.3289i	0.0057+0.0324i	0.8957+0.0853i	0.8615+0.3090i	0.0681+0.0231i
2.9	0.5818+0.1518i	0.1385+0.1929i	0.8522+0.1092i	0.8141+0.2918i	-0.0104+0.0336i	0.7736+0.0726i	0.8031+0.2752i	0.0349+0.0195i
3.0	0.5527+0.1298i	-0.0277+0.1425i	0.7627+0.0834i	0.7765+0.2490i	-0.0329+0.0314i	0.6877+0.0533i	0.7668+0.2338i	0.0075+0.0146i
3.1	0.5423+0.1206i	-0.1336+0.1350i	0.7107+0.0788i	0.7678+0.2290i	-0.0480+0.0299i	0.6352+0.0503i	0.7592+0.2144i	-0.0088+0.0134i
3.2	0.5232+0.1131i	-0.2788+0.1351i	0.6548+0.0742i	0.7475+0.2169i	-0.0658+0.0271i	0.5812+0.0468i	0.7385+0.2033i	-0.0311+0.0130i
3.3	0.5118+0.1033i	-0.3736+0.1050i	0.6227+0.0620i	0.7364+0.2024i	-0.0776+0.0225i	0.5505+0.0371i	0.7271+0.1896i	-0.0467+0.0097i
3.4	0.4988+0.0845i	-0.5076+0.0592i	0.5879+0.0476i	0.7195+0.1640i	-0.0921+0.0203i	0.5170+0.0294i	0.7103+0.1518i	-0.0663+0.0048i
3.5	0.4852+0.0900i	-0.6392+0.0755i	0.5606+0.0477i	0.7007+0.1774i	-0.1059+0.0200i	0.4915+0.0265i	0.6922+0.1654i	-0.0853+0.0055i
3.6	0.4759+0.0829i	-0.7426+0.0830i	0.5381+0.0475i	0.6898+0.1614i	-0.1198+0.0198i	0.4704+0.0281i	0.6813+0.1501i	-0.1033+0.0076i
3.7	0.4660+0.0785i	-0.8396+0.0697i	0.5203+0.0458i	0.6746+0.1527i	-0.1341+0.0202i	0.4538+0.0281i	0.6666+0.1412i	-0.1200+0.0066i
3.8	0.4563+0.0752i	-0.9419+0.0660i	0.5043+0.0447i	0.6591+0.1458i	-0.1478+0.0191i	0.4394+0.0279i	0.6517+0.1348i	-0.1377+0.0067i
3.9	0.4542+0.0690i	-1.0599+0.0574i	0.4889+0.0426i	0.6623+0.1316i	-0.1668+0.0175i	0.4230+0.0279i	0.6550+0.1218i	-0.1583+0.0057i
4.0	0.4532+0.0674i	-1.1588+0.0562i	0.4773+0.0403i	0.6647+0.1293i	-0.1847+0.0152i	0.4108+0.0261i	0.6574+0.1195i	-0.1784+0.0049i
4.1	0.4464+0.0615i	-1.2717+0.0451i	0.4645+0.0391i	0.6532+0.1192i	-0.2061+0.0181i	0.3993+0.0258i	0.6467+0.1090i	-0.2013+0.0045i
4.2	0.4423+0.0603i	-1.3850+0.0448i	0.4555+0.0408i	0.6502+0.1167i	-0.2260+0.0224i	0.3899+0.0274i	0.6445+0.1069i	-0.2227+0.0051i
4.3	0.4376+0.0586i	-1.5270+0.0494i	0.4439+0.0413i	0.6481+0.1116i	-0.2495+0.0228i	0.3788+0.0285i	0.6418+0.1026i	-0.2507+0.0065i
4.4	0.4333+0.0550i	-1.6576+0.0445i	0.4356+0.0418i	0.6420+0.1034i	-0.2708+0.0249i	0.3704+0.0315i	0.6354+0.0942i	-0.2762+0.0092i
4.5	0.4321+0.0518i	-1.7919+0.0400i	0.4294+0.0427i	0.6439+0.0963i	-0.2952+0.0290i	0.3632+0.0342i	0.6376+0.0870i	-0.3040+0.0099i
4.6	0.4287+0.0499i	-1.9031+0.0336i	0.4251+0.0421i	0.6398+0.0909i	-0.3148+0.0298i	0.3591+0.0341i	0.6336+0.0828i	-0.3281+0.0096i
4.7	0.4259+0.0489i	-2.0484+0.0284i	0.4186+0.0454i	0.6358+0.0907i	-0.3472+0.0312i	0.3518+0.0365i	0.6306+0.0824i	-0.3630+0.0120i
4.8	0.4228+0.0463i	-2.1878+0.0223i	0.4094+0.0471i	0.6293+0.0855i	-0.3788+0.0338i	0.3437+0.0384i	0.6248+0.0766i	-0.3955+0.0151i
4.9	0.4184+0.0443i	-2.3464+0.0201i	0.3988+0.0476i	0.6224+0.0776i	-0.4200+0.0331i	0.3337+0.0405i	0.6181+0.0685i	-0.4342+0.0149i
5.0	0.4125+0.0458i	-2.5423+0.0122i	0.3956+0.0493i	0.6116+0.0791i	-0.4592+0.0327i	0.3312+0.0430i	0.6072+0.0701i	-0.4815+0.0165i
5.1	0.4091+0.0445i	-2.6918+0.0106i	0.3895+0.0526i	0.6044+0.0762i	-0.4992+0.0375i	0.3252+0.0466i	0.6003+0.0685i	-0.5243+0.0193i
5.2	0.4073+0.0458i	-2.8520+0.0400i	0.3877+0.0580i	0.6049+0.0770i	-0.5388+0.0526i	0.3230+0.0522i	0.6015+0.0700i	-0.5726+0.0274i
5.3	0.4074+0.0513i	-3.0376+0.0487i	0.3856+0.0668i	0.6057+0.0880i	-0.5911+0.0657i	0.3199+0.0620i	0.6026+0.0799i	-0.6326+0.0352i
5.4	0.4093+0.0537i	-3.1925+0.0588i	0.3844+0.0767i	0.6095+0.0883i	-0.6411+0.0823i	0.3180+0.0736i	0.6069+0.0797i	-0.6871+0.0453i
5.5	0.4066+0.0531i	-3.3502+0.0983i	0.3807+0.0827i	0.6004+0.0884i	-0.6953+0.0973i	0.3152+0.0788i	0.5991+0.0781i	-0.7434+0.0658i
5.6	0.4066+0.0555i	-3.5432+0.1089i	0.3757+0.0882i	0.5963+0.0955i	-0.7672+0.1053i	0.3109+0.0828i	0.5970+0.0844i	-0.8163+0.0786i

5.7	0.4184+0.0597i	-3.7426+0.1039i	0.3689+0.0947i	0.6223+0.0976i	-0.8673+0.1172i	0.3007+0.0914i	0.6222+0.0877i	-0.9163+0.0907i
5.8	0.4240+0.0596i	-3.9534+0.1653i	0.3670+0.1081i	0.6312+0.0989i	-0.9495+0.1626i	0.2963+0.1039i	0.6323+0.0880i	-1.0023+0.1355i
5.9	0.4278+0.0584i	-4.1187+0.1939i	0.3771+0.1287i	0.6355+0.1029i	-1.0174+0.2097i	0.3053+0.1229i	0.6381+0.0923i	-1.0759+0.1800i
6.0	0.4313+0.0525i	-4.2589+0.2238i	0.3997+0.1510i	0.6353+0.0907i	-1.0818+0.2657i	0.3278+0.1478i	0.6375+0.0794i	-1.1450+0.2233i
6.1	0.4319+0.0528i	-4.5039+0.2631i	0.4264+0.1516i	0.6342+0.0923i	-1.1732+0.3074i	0.3551+0.1487i	0.6363+0.0804i	-1.2441+0.2663i
6.2	0.4333+0.0522i	-4.6856+0.2657i	0.4381+0.1507i	0.6354+0.0920i	-1.2634+0.3239i	0.3657+0.1488i	0.6389+0.0802i	-1.3401+0.2819i
6.3	0.4382+0.0517i	-4.9183+0.2563i	0.4419+0.1496i	0.6364+0.0915i	-1.4219+0.3462i	0.3677+0.1497i	0.6443+0.0804i	-1.5017+0.3040i
6.4	0.4513+0.0493i	-5.2059+0.2776i	0.4622+0.1467i	0.6601+0.0895i	-1.6313+0.4016i	0.3863+0.1468i	0.6716+0.0769i	-1.7242+0.3614i
6.5	0.4563+0.0476i	-5.4454+0.3196i	0.4729+0.1547i	0.6636+0.0888i	-1.8283+0.4928i	0.3943+0.1570i	0.6763+0.0756i	-1.9236+0.4489i
6.6	0.4658+0.0401i	-5.7833+0.3665i	0.4930+0.1538i	0.6713+0.0773i	-2.1360+0.6547i	0.4120+0.1564i	0.6874+0.0616i	-2.2360+0.6080i
6.7	0.4735+0.0340i	-6.0766+0.4361i	0.5273+0.1487i	0.6715+0.0764i	-2.4299+0.8871i	0.4476+0.1538i	0.6916+0.0577i	-2.5443+0.8354i
6.8	0.4828+0.0291i	-6.4397+0.5277i	0.5446+0.1429i	0.6669+0.0748i	-2.9202+1.1433i	0.4605+0.1517i	0.6939+0.0502i	-3.0331+1.0917i
6.9	0.4941+0.0114i	-6.8306+0.8572i	0.5885+0.1339i	0.6631+0.0749i	-3.4864+2.0206i	0.5006+0.1493i	0.6968+0.0402i	-3.6070+1.9542i
7.0	0.5089-0.0146i	-7.2695+1.2738i	0.6397+0.1086i	0.6497+0.0865i	-4.2657+3.3843i	0.5509+0.1322i	0.6935+0.0352i	-4.3943+3.3045i
7.1	0.4975-0.0612i	-7.3326+2.0775i	0.6567+0.0158i	0.6488+0.1213i	-3.6000+5.9201i	0.5720+0.0522i	0.6842+0.0346i	-3.7541+5.8283i
7.2	0.4396-0.0761i	-6.4921+2.2455i	0.5685-0.0829i	0.7117+0.1350i	-0.0191+6.5847i	0.5003-0.0455i	0.6982+0.0394i	-0.2159+6.5102i
7.3	0.4104-0.0650i	-6.2157+1.9379i	0.4907-0.0839i	0.7595+0.1176i	1.8917+5.6941i	0.4303-0.0495i	0.7183+0.0334i	1.6738+5.6379i
7.4	0.3799-0.0434i	-6.1669+1.4929i	0.4454-0.0390i	0.7521+0.0879i	3.0446+4.1706i	0.3935-0.0144i	0.6949+0.0261i	2.8099+4.1355i
7.5	0.3808-0.0062i	-6.4467+0.9384i	0.4433+0.0170i	0.7468+0.0797i	2.8637+2.3768i	0.3913+0.0304i	0.6934+0.0432i	2.6336+2.3568i
7.6	0.4011+0.0143i	-7.0519+0.7782i	0.4660+0.0453i	0.7553+0.0785i	1.9238+1.5149i	0.4054+0.0547i	0.7153+0.0538i	1.7016+1.4971i
7.7	0.4163+0.0109i	-7.6318+0.7645i	0.4754+0.0476i	0.7577+0.0699i	1.2572+1.4236i	0.4097+0.0571i	0.7256+0.0462i	1.0342+1.4075i
7.8	0.4274+0.0044i	-8.2387+0.8495i	0.5037+0.0563i	0.7628+0.0686i	0.8846+1.5199i	0.4369+0.0656i	0.7339+0.0458i	0.6497+1.5048i
7.9	0.4246+0.0023i	-8.5162+0.9661i	0.5012+0.0585i	0.7722+0.0733i	0.8841+1.6114i	0.4323+0.0674i	0.7438+0.0477i	0.6438+1.5997i
8.0	0.4240+0.0040i	-8.8416+1.0494i	0.4972+0.0605i	0.7791+0.0678i	0.8030+1.5035i	0.4270+0.0675i	0.7517+0.0426i	0.5628+1.4991i
8.1	0.4254+0.0054i	-9.1162+1.0313i	0.5161+0.0682i	0.7843+0.0655i	0.6348+1.4286i	0.4444+0.0762i	0.7606+0.0402i	0.3960+1.4217i
8.2	0.4279+0.0108i	-9.5895+1.0586i	0.5290+0.0727i	0.7998+0.0640i	0.5191+1.3477i	0.4519+0.0819i	0.7763+0.0427i	0.2682+1.3392i
8.3	0.4386+0.0158i	-10.2827+1.0723i	0.5469+0.0718i	0.8103+0.0635i	0.2281+1.2675i	0.4667+0.0796i	0.7895+0.0453i	-0.0373+1.2605i
8.4	0.4457+0.0144i	-10.6770+1.2876i	0.5663+0.0644i	0.8153+0.0576i	-0.0572+1.3639i	0.4835+0.0738i	0.7984+0.0354i	-0.3298+1.3615i
8.5	0.4491+0.0064i	-11.3711+1.5497i	0.5850+0.0600i	0.8198+0.0512i	-0.3932+1.5574i	0.4991+0.0720i	0.8074+0.0234i	-0.6770+1.5590i
8.6	0.4465-0.0023i	-11.6845+2.1171i	0.6011+0.0378i	0.8258+0.0478i	-0.5965+1.9165i	0.5121+0.0539i	0.8191+0.0152i	-0.8870+1.9203i
8.7	0.4394-0.0045i	-11.8624+2.3008i	0.6101+0.0187i	0.8255+0.0538i	-0.8345+2.1206i	0.5174+0.0328i	0.8214+0.0189i	-1.1221+2.1192i
8.8	0.4464-0.0017i	-12.2985+2.3449i	0.6295+0.0089i	0.8258+0.0612i	-1.1516+2.3923i	0.5352+0.0248i	0.8254+0.0239i	-1.4420+2.3847i
8.9	0.4575-0.0042i	-13.1217+2.6959i	0.6461-0.0219i	0.8369+0.0756i	-1.5418+3.0767i	0.5486-0.0021i	0.8422+0.0280i	-1.8426+3.0631i
9.0	0.4483-0.0222i	-13.5138+3.5634i	0.6588-0.0556i	0.8570+0.0864i	-1.4169+4.1494i	0.5571-0.0333i	0.8592+0.0256i	-1.7324+4.1188i
9.1	0.4336-0.0284i	-13.8529+4.0626i	0.6492-0.0660i	0.8757+0.0879i	-1.1200+4.6813i	0.5433-0.0402i	0.8733+0.0206i	-1.4586+4.6472i
9.2	0.4322-0.0471i	-15.2729+5.4725i	0.6896-0.1050i	0.8823+0.1057i	-2.1920+6.2296i	0.5744-0.0699i	0.8945+0.0183i	-2.5273+6.1732i
9.3	0.3763-0.0515i	-13.7639+7.7843i	0.6436-0.2127i	0.9300+0.1340i	0.2335+8.9320i	0.5326-0.1614i	0.9096+0.0083i	-0.1565+8.8362i
9.4	0.3249+0.0109i	-10.7306+7.9881i	0.5250-0.2434i	0.9969+0.1296i	4.4245+9.0401i	0.4286-0.1822i	0.9204+0.0053i	3.9406+8.9493i
9.5	0.3365+0.0745i	-9.3661+6.3150i	0.4562-0.1958i	1.0298+0.0968i	6.3701+6.8812i	0.3704-0.1370i	0.9287+0.0024i	5.8389+6.8379i
9.6	0.3719+0.1223i	-9.3193+4.4164i	0.4234-0.1322i	1.0480+0.0690i	7.0364+4.4872i	0.3435-0.0815i	0.9385+0.0051i	6.4775+4.5086i
9.7	0.4140+0.1396i	-10.2161+3.1740i	0.4336-0.0877i	1.0595+0.0580i	6.4703+3.0518i	0.3532-0.0428i	0.9572+0.0096i	5.9164+3.1127i
9.8	0.4473+0.1433i	-11.1834+2.7398i	0.4576-0.0631i	1.0697+0.0449i	5.8099+2.3053i	0.3770-0.0212i	0.9780+0.0060i	5.2585+2.3899i
9.9	0.4817+0.1467i	-12.0915+2.2686i	0.4733-0.0431i	1.0831+0.0366i	5.3962+1.7034i	0.3901-0.0014i	0.9994+0.0062i	4.8473+1.8079i
10.0	0.5061+0.1511i	-12.8545+1.9225i	0.4814-0.0301i	1.1033+0.0377i	5.1125+1.3619i	0.3975+0.0117i	1.0197+0.0091i	4.5698+1.4778i
10.1	0.5362+0.1493i	-13.7929+1.8784i	0.4894-0.0268i	1.1297+0.0294i	4.7886+1.0840i	0.4045+0.0118i	1.0459+0.0055i	4.2462+1.2115i
10.2	0.5554+0.1439i	-14.5486+1.8078i	0.4998-0.0230i	1.1472+0.0205i	4.5330+0.9254i	0.4137+0.0144i	1.0689-0.0004i	3.9849+1.0628i
10.3	0.5766+0.1350i	-15.2470+1.6131i	0.5075-0.0187i	1.1749+0.0160i	4.3425+0.8491i	0.4201+0.0193i	1.0953-0.0045i	3.7865+0.9915i
10.4	0.5940+0.1224i	-16.0108+1.6939i	0.5194-0.0192i	1.2041+0.0061i	4.1782+0.7501i	0.4269+0.0179i	1.1245-0.0133i	3.6170+0.8942i
10.5	0.6081+0.1143i	-16.5818+1.7697i	0.5257-0.0127i	1.2277-0.0045i	4.0857+0.6314i	0.4298+0.0228i	1.1488-0.0214i	3.5214+0.7781i
10.6	0.6345+0.1008i	-17.6807+1.6635i	0.5372-0.0031i	1.2665-0.0207i	3.9737+0.5363i	0.4383+0.0308i	1.1888-0.0361i	3.3962+0.6778i
10.7	0.6488+0.0946i	-18.4330+1.5550i	0.5435-0.0044i	1.2958-0.0322i	3.8658+0.4925i	0.4402+0.0299i	1.2209-0.0497i	3.2767+0.6316i
10.8	0.6551+0.0859i	-19.0102+1.7428i	0.5505-0.0066i	1.3279-0.0510i	3.7784+0.4363i	0.4401+0.0320i	1.2513-0.0663i	3.1659+0.5741i
10.9	0.6696+0.0753i	-20.0208+1.9041i	0.5671-0.0024i	1.3591-0.0693i	3.7082+0.3877i	0.4517+0.0366i	1.2836-0.0823i	3.0762+0.5256i
11.0	0.6771+0.0655i	-20.8230+1.7635i	0.5745+0.0033i	1.3849-0.0800i	3.6214+0.3834i	0.4560+0.0424i	1.3066-0.0934i	2.9619+0.5136i
11.1	0.6901+0.0535i	-21.8564+1.8978i	0.5893+0.0091i	1.4168-0.1155i	3.5984+0.3618i	0.4652+0.0534i	1.3406-0.1273i	2.9108+0.5003i
11.2	0.6983+0.0448i	-22.5294+1.9012i	0.5957+0.0121i	1.4363-0.1311i	3.5778+0.3546i	0.4677+0.0566i	1.3607-0.1411i	2.8668+0.4966i
11.3	0.7063+0.0369i	-23.6463+1.8731i	0.6102+0.0185i	1.4697-0.1458i	3.5474+0.3615i	0.4803+0.0654i	1.3928-0.1562i	2.8114+0.5056i
11.4	0.7146+0.0298i	-24.7113+2.0419i	0.6244+0.0218i	1.5059-0.1578i	3.5738+0.3424i	0.4888+0.0696i	1.4277-0.1682i	2.8117+0.4946i
11.5	0.7263+0.0208i	-26.0043+2.2095i	0.6387+0.0193i	1.5536-0.1803i	3.5938+0.3033i	0.4958+0.0729i	1.4745-0.1900i	2.7971+0.4551i
11.6	0.7276+0.0142i	-27.0128+2.3201i	0.6558+0.0186i	1.5889-0.1967i	3.5970+0.3070i	0.5040+0.0732i	1.5079-0.2082i	2.7675+0.4621i
11.7	0.7235+0.0167i	-28.1984+2.4684i	0.6753+0.0154i	1.6252-0.2210i	3.6323+0.2865i	0.5156+0.0733i	1.5416-0.2313i	2.7696+0.4467i
11.8	0.7264+0.0191i	-29.4729+2.6532i	0.6955+0.0117i	1.6747-0.2356i	3.6813+0.2302i	0.5265+0.0739i	1.5889-0.2444i	2.7698+0.3941i
11.9	0.7323+0.0240i	-30.3175+3.3217i	0.7068-0.0030i	1.7280-0.2632i	3.6600+0.1608i	0.5300+0.0694i	1.6415-0.2708i	2.7049+0.3355i

12.0	0.7466+0.0321i	-31.8316+3.5804i	0.7247-0.0113i	1.7919-0.2973i	3.6705+0.1142i	0.5359+0.0711i	1.7031-0.3031i	2.6672+0.3030i
12.1	0.7531+0.0384i	-33.0525+4.0516i	0.7368-0.0221i	1.8641-0.3400i	3.6775+0.0593i	0.5332+0.0698i	1.7760-0.3437i	2.6243+0.2642i
12.2	0.7621+0.0483i	-34.1451+4.7176i	0.7485-0.0343i	1.9384-0.4046i	3.6959+0.0154i	0.5309+0.0732i	1.8499-0.4067i	2.5924+0.2369i
12.3	0.7707+0.0621i	-35.1229+5.1113i	0.7574-0.0445i	2.0208-0.4620i	3.6918-0.0077i	0.5229+0.0787i	1.9275-0.4631i	2.5296+0.2300i
12.4	0.7853+0.0906i	-36.4683+4.9023i	0.7706-0.0466i	2.0801-0.5647i	3.7120+0.0372i	0.5281+0.1065i	1.9853-0.5622i	2.4836+0.2955i
12.5	0.8238+0.1236i	-38.6312+5.4807i	0.7935-0.0652i	2.1336-0.7157i	3.7982+0.0013i	0.5488+0.1297i	2.0377-0.7107i	2.4902+0.3088i
12.6	0.8570+0.1609i	-40.1877+5.8403i	0.8007-0.0831i	2.1920-0.8769i	3.8489-0.0351i	0.5515+0.1586i	2.0937-0.8720i	2.4753+0.3179i
12.7	0.8960+0.2052i	-41.3007+5.5279i	0.7977-0.0939i	2.1803-1.0059i	3.8765-0.0290i	0.5633+0.1888i	2.0820-1.0025i	2.4496+0.3611i
12.8	0.9850+0.2328i	-43.0934+5.8684i	0.7893-0.1013i	2.0830-1.1642i	3.9064-0.0553i	0.5982+0.2215i	1.9847-1.1560i	2.4388+0.3941i
12.9	1.0867+0.2502i	-45.9965+6.2423i	0.7978-0.1083i	1.9807-1.2654i	4.0430-0.0795i	0.6564+0.2416i	1.8768-1.2563i	2.5156+0.4123i
13.0	1.2140+0.2177i	-48.7805+7.5785i	0.7929-0.1005i	1.7855-1.2651i	4.1219-0.1496i	0.7269+0.2418i	1.6786-1.2524i	2.5678+0.3874i
13.1	1.2780+0.1960i	-49.7193+7.4095i	0.7803-0.0802i	1.7071-1.2120i	4.1223-0.1466i	0.7470+0.2446i	1.6003-1.1950i	2.5365+0.3835i
13.2	1.3837+0.1597i	-52.7135+7.7776i	0.7916-0.0519i	1.6641-1.1437i	4.2248-0.1604i	0.7956+0.2472i	1.5533-1.1242i	2.5511+0.3629i
13.3	1.4483+0.1331i	-54.9647+7.4659i	0.8179-0.0255i	1.7036-1.0569i	4.3041-0.1409i	0.8248+0.2498i	1.5877-1.0405i	2.5276+0.3839i
13.4	1.5575+0.0610i	-59.3820+8.5724i	0.8724-0.0056i	1.7684-0.9999i	4.4972-0.1670i	0.8911+0.2388i	1.6525-0.9788i	2.5407+0.4276i
13.5	1.6193+0.0040i	-61.9569+9.7602i	0.9093+0.0010i	1.8309-0.9751i	4.6018-0.2071i	0.9289+0.2251i	1.7186-0.9523i	2.5447+0.4416i
13.6	1.7271-0.0564i	-66.5807+11.2246i	0.9693-0.0031i	1.9617-0.9423i	4.8002-0.2698i	0.9829+0.2018i	1.8446-0.9161i	2.5870+0.4424i
13.7	1.8265-0.1520i	-71.4583+13.1291i	1.0287-0.0224i	2.1244-0.9146i	4.9810-0.3453i	1.0295+0.1607i	2.0028-0.8825i	2.5942+0.4778i
13.8	1.9164-0.2138i	-74.8290+13.7237i	1.0624-0.0257i	2.2555-0.9088i	5.0903-0.3600i	1.0545+0.1472i	2.1313-0.8750i	2.5421+0.5172i
13.9	2.0277-0.2895i	-79.3557+14.4070i	1.1052-0.0319i	2.4308-0.9224i	5.2670-0.3404i	1.0830+0.1375i	2.2997-0.8867i	2.5099+0.6105i
14.0	2.1049-0.4572i	-83.4647+18.8903i	1.1390-0.0721i	2.5858-1.0411i	5.4302-0.5074i	1.1037+0.0892i	2.4516-0.9947i	2.4983+0.6761i
14.1	2.2041-0.6162i	-89.4043+22.8656i	1.1836-0.1102i	2.7594-1.1691i	5.6933-0.7108i	1.1387+0.0519i	2.6198-1.1147i	2.5511+0.7237i
14.2	2.3068-0.7658i	-96.2306+26.6892i	1.2472-0.1369i	2.9709-1.3042i	6.0240-0.8492i	1.1856+0.0301i	2.8221-1.2439i	2.6624+0.8266i
14.3	2.3876-0.9330i	-101.7549+30.6011i	1.2838-0.1605i	3.1817-1.4588i	6.2878-1.0300i	1.2037+0.0067i	3.0297-1.3865i	2.6908+0.9482i
14.4	2.5106-1.1527i	-108.9658+37.0894i	1.3334-0.2102i	3.4307-1.6730i	6.6214-1.2922i	1.2353-0.0336i	3.2696-1.5817i	2.7538+1.0573i
14.5	2.6500-1.4935i	-118.3026+45.7095i	1.4135-0.2656i	3.7418-2.0036i	7.0725-1.7757i	1.2949-0.0745i	3.5797-1.8922i	2.8565+1.1791i
14.6	2.6276-1.8502i	-122.4950+53.5827i	1.4316-0.3073i	3.8389-2.3917i	7.2487-2.2719i	1.3078-0.0956i	3.6887-2.2575i	3.0123+1.3523i
14.7	2.2566-2.2332i	-121.2057+66.9085i	1.4144-0.4105i	3.6585-2.8567i	6.9972-3.0094i	1.3053-0.1875i	3.5412-2.6963i	3.3822+1.3261i
14.8	1.9628-2.3216i	-123.5541+71.2770i	1.4378-0.4293i	3.5909-2.9859i	6.8006-3.1457i	1.3252-0.2044i	3.4880-2.8260i	3.6541+1.3405i
14.9	1.7534-2.1841i	-128.1556+75.7014i	1.4520-0.4316i	3.6349-3.0318i	6.5620-3.0721i	1.3203-0.2046i	3.5531-2.8896i	3.6922+1.1759i
15.0	1.8997-2.0538i	-140.5455+77.0941i	1.5245-0.4196i	3.9809-3.0209i	6.9316-2.8854i	1.3634-0.1893i	3.9097-2.8853i	3.6708+1.1755i
15.1	2.3347-2.1646i	-167.9033+94.1604i	1.7216-0.4956i	4.8501-3.4441i	8.0587-3.0568i	1.4985-0.2338i	4.7787-3.3082i	3.7936+1.2912i
15.2	2.8472-2.5875i	-191.6670+119.0146i	1.8693-0.5786i	5.8117-4.2941i	9.2153-3.5696i	1.5720-0.2516i	5.7336-4.1666i	3.8323+1.6636i
15.3	3.1106-3.2544i	-200.9711+151.0363i	1.9098-0.6832i	6.3007-5.4884i	9.7761-4.5406i	1.5795-0.2764i	6.2271-5.3585i	3.7551+2.1306i
15.4	3.2400-4.6740i	-205.8576+218.5246i	1.9319-0.9512i	6.7057-7.9881i	10.4656-6.7789i	1.5828-0.3726i	6.6471-7.8615i	3.9508+2.9155i
15.5	2.4241-6.4093i	-178.9056+304.4743i	1.9688-1.3678i	5.5185-11.1689i	10.2688-10.1844i	1.7091-0.5763i	5.4672-11.0308i	5.2817+3.2807i
15.6	0.6826-7.7860i	-109.2625+363.6290i	1.8043-1.5555i	2.8295-13.7602i	8.2703-12.6821i	1.7275-0.5919i	2.7703-13.6265i	6.7822+3.9595i
15.7	-1.7279-7.4490i	-8.1214+361.3256i	1.4793-1.6965i	-1.2509-13.6779i	4.7308-13.3275i	1.6616-0.7482i	-1.3056-13.5357i	8.4111+2.9086i
15.8	-4.4368-5.5090i	101.4018+302.3622i	1.2147-1.7465i	-6.0876-11.0275i	1.0053-12.0910i	1.7385-0.9850i	-6.1198-10.8738i	10.6073+0.3338i
15.9	-5.2152-4.1648i	120.0844+251.2875i	1.3279-1.5436i	-7.4921-9.0678i	0.5283-10.3708i	1.9499-0.8879i	-7.5480-8.9045i	11.8724-0.6005i
16.0	-5.2917-2.9242i	118.1059+214.8146i	1.4379-1.5764i	-7.7986-7.1669i	0.7370-9.3537i	2.0956-1.0466i	-7.8514-6.9941i	12.3527-2.1618i
16.1	-5.0313-1.7351i	104.3729+190.7325i	1.5836-1.7407i	-7.6265-5.4083i	1.3242-8.9533i	2.2475-1.3339i	-7.6684-5.2198i	12.4936-4.2118i
16.2	-4.6449-1.0112i	84.7481+176.8508i	1.7406-1.8131i	-7.1398-4.3520i	2.1241-8.6745i	2.3871-1.4851i	-7.1806-4.1591i	12.5169-5.3780i
16.3	-4.2016-0.4218i	77.0402+178.1681i	1.7358-2.0821i	-6.6636-3.4950i	2.2877-9.3101i	2.3615-1.8354i	-6.6854-3.2897i	11.8495-7.1357i
16.4	-3.6673+0.2651i	84.0451+181.6876i	1.5212-2.4637i	-6.1983-2.4684i	1.5769-10.3602i	2.1136-2.3199i	-6.1827-2.2551i	10.2061-9.5235i
16.5	-3.1375+0.5274i	92.6129+182.6203i	1.3098-2.5932i	-5.6763-2.0515i	0.7424-10.5763i	1.8481-2.4952i	-5.6437-1.8539i	8.4922-10.2599i
16.6	-2.5778+0.7535i	112.0574+174.9587i	0.9752-2.8040i	-5.1415-1.4876i	-0.4477-10.8504i	1.4587-2.7583i	-5.0945-1.3106i	6.3671-11.1521i
16.7	-2.1462+0.8274i	122.7330+161.6655i	0.6613-2.8887i	-4.6460-1.1988i	-1.5470-10.7737i	1.0943-2.8700i	-4.5953-1.0289i	4.4400-11.3285i
16.8	-1.7161+0.8191i	136.9197+141.8834i	0.2140-2.8976i	-4.2335-0.8350i	-3.2161-10.2272i	0.5952-2.9036i	-4.1668-0.6820i	1.9970-10.9123i
16.9	-1.5122+0.8225i	142.5273+131.4880i	-0.0110-2.9564i	-3.9446-0.6432i	-4.0869-9.8565i	0.3350-2.9688i	-3.8665-0.4963i	0.7360-10.6138i
17.0	-1.3151+0.7623i	141.9427+123.3543i	-0.1771-2.8984i	-3.6637-0.7371i	-4.2815-9.1332i	0.1448-2.8990i	-3.5877-0.6031i	0.1616-9.7535i
17.1	-1.0835+0.6454i	142.0506+100.4053i	-0.4849-2.6279i	-3.4175-0.6888i	-4.6547-7.7870i	-0.1865-2.6171i	-3.3458-0.5721i	-0.6246-8.2679i
17.2	-1.0294+0.5529i	139.2624+91.2019i	-0.5855-2.6317i	-3.2839-0.5704i	-4.8339-7.4845i	-0.2963-2.6229i	-3.2121-0.4562i	-0.8777-7.8996i
17.3	-0.9889+0.5061i	132.5127+82.7462i	-0.7409-2.4868i	-3.0357-0.5659i	-4.6810-6.8171i	-0.4666-2.4752i	-2.9681-0.4587i	-0.8915-7.1956i
17.4	-0.9406+0.5015i	128.0604+72.2195i	-0.9060-2.2588i	-2.8791-0.5458i	-4.5992-6.1153i	-0.6426-2.2465i	-2.8163-0.4469i	-0.9652-6.5140i
17.5	-0.9031+0.5460i	125.4661+69.7150i	-1.0520-2.2407i	-2.7699-0.5554i	-4.6795-6.2475i	-0.7947-2.2274i	-2.7031-0.4476i	-1.1118-6.6873i
17.6	-0.8245+0.5940i	123.4987+64.4413i	-1.2464-2.0785i	-2.6648-0.5624i	-5.0878-6.0126i	-0.9949-2.0623i	-2.5894-0.4528i	-1.6324-6.5171i
17.7	-0.7549+0.6376i	122.5005+59.8451i	-1.4008-1.9071i	-2.5936-0.5779i	-5.4938-5.6286i	-1.1505-1.8854i	-2.5110-0.4740i	-2.1343-6.2041i
17.8	-0.6636+0.6933i	121.8479+57.8894i	-1.4885-1.7704i	-2.5633-0.6179i	-5.6928-5.3443i	-1.2379-1.7493i	-2.4751-0.5159i	-2.4453-5.9938i
17.9	-0.5491+0.6979i	117.5618+51.7344i	-1.4440-1.5037i	-2.5110-0.6247i	-5.4999-4.6284i	-1.1999-1.4818i	-2.4242-0.5305i	-2.4439-5.3099i
18.0	-0.4384+0.6777i	113.4734+46.5484i	-1.3866-1.2877i	-2.4774-0.6370i	-5.2681-4.0952i	-1.1448-1.2630i	-2.3930-0.5520i	-2.3856-4.7597i
18.1	-0.3297+0.6390i	109.9291+41.5335i	-1.3392-1.1090i	-2.4577-0.6062i	-5.1799-3.6925i	-1.0963-1.0866i	-2.3715-0.5276i	-2.4382-4.3140i
18.2	-0.2486+0.6288i	108.4449+38.8313i	-1.3315-1.0248i	-2.4523-0.5925i	-5.2494-3.5411i	-1.0896-1.0040i	-2.3615-0.5165i	-2.5884-4.1457i

18.3	-0.1665+0.5994i	107.2743+36.8422i	-1.3312-0.9628i	-2.4591-0.5928i	-5.3822-3.4117i	-1.0873-0.9418i	-2.3634-0.5215i	-2.7922-3.9720i
18.4	-0.0995+0.5663i	105.3308+33.7358i	-1.3354-0.8757i	-2.4552-0.5668i	-5.6081-3.1644i	-1.0901-0.8573i	-2.3534-0.5025i	-3.0564-3.6953i
18.5	-0.0320+0.4970i	99.9210+30.2201i	-1.2769-0.6920i	-2.4486-0.5545i	-5.7639-2.2829i	-1.0332-0.6749i	-2.3454-0.5087i	-3.1990-2.8009i
18.6	-0.0224+0.4532i	96.3870+29.1856i	-1.1542-0.5470i	-2.4509-0.5229i	-5.1697-1.3468i	-0.9069-0.5325i	-2.3620-0.4934i	-2.6119-1.9921i
18.7	0.0034+0.4676i	93.8629+28.8687i	-0.9927-0.5196i	-2.4240-0.4849i	-4.1785-1.2345i	-0.7454-0.5107i	-2.3534-0.4521i	-1.8004-2.0053i
18.8	0.1035+0.4488i	92.7230+28.2986i	-0.9157-0.5587i	-2.4405-0.4727i	-3.8081-1.6386i	-0.6699-0.5560i	-2.3728-0.4325i	-1.6409-2.3611i
18.9	0.1665+0.3949i	91.8237+27.1520i	-0.8908-0.5645i	-2.4676-0.4523i	-3.7260-1.7984i	-0.6440-0.5662i	-2.3987-0.4119i	-1.6656-2.4471i
19.0	0.2172+0.3302i	90.0791+25.0122i	-0.8536-0.5432i	-2.4929-0.4049i	-3.6164-1.8315i	-0.6064-0.5499i	-2.4252-0.3639i	-1.6561-2.4004i
19.1	0.2352+0.2658i	88.2409+23.1668i	-0.8317-0.5232i	-2.5010-0.3582i	-3.6046-1.8338i	-0.5860-0.5330i	-2.4331-0.3172i	-1.6811-2.3216i
19.2	0.2469+0.2214i	86.8357+22.2345i	-0.8242-0.5194i	-2.5233-0.3376i	-3.6420-1.8767i	-0.5794-0.5303i	-2.4560-0.2962i	-1.7221-2.2952i
19.3	0.2486+0.1822i	85.0996+21.1286i	-0.8007-0.5084i	-2.5505-0.2865i	-3.6470-1.8586i	-0.5582-0.5240i	-2.4846-0.2454i	-1.7168-2.2266i
19.4	0.2559+0.1578i	83.3531+20.2423i	-0.7789-0.4942i	-2.5543-0.2380i	-3.6122-1.8168i	-0.5381-0.5122i	-2.4892-0.1988i	-1.6869-2.1591i
19.5	0.2728+0.1322i	80.7645+18.4115i	-0.7462-0.4594i	-2.5573-0.1549i	-3.5693-1.6933i	-0.5081-0.4822i	-2.4925-0.1179i	-1.6673-2.0290i
19.6	0.2916+0.1173i	79.4653+17.9555i	-0.7365-0.4557i	-2.5837-0.1274i	-3.6067-1.6743i	-0.4987-0.4783i	-2.5190-0.0908i	-1.7004-1.9865i
19.7	0.3205+0.0931i	78.2668+17.3736i	-0.7309-0.4446i	-2.6170-0.0739i	-3.6504-1.5856i	-0.4907-0.4703i	-2.5523-0.0395i	-1.7422-1.8831i
19.8	0.3540+0.0531i	77.1775+16.8164i	-0.7271-0.4347i	-2.6853-0.0144i	-3.7083-1.5145i	-0.4799-0.4616i	-2.6189+0.0181i	-1.7779-1.7789i
19.9	0.3800+0.0156i	75.5589+16.0274i	-0.7159-0.4152i	-2.7308+0.0439i	-3.7102-1.4233i	-0.4639-0.4440i	-2.6647+0.0740i	-1.7712-1.6639i
20.0	0.4024-0.0260i	73.8783+15.4369i	-0.6998-0.3965i	-2.7946+0.1253i	-3.7089-1.2984i	-0.4412-0.4300i	-2.7295+0.1547i	-1.7399-1.5217i
20.1	0.4146-0.0645i	72.0610+14.8137i	-0.6780-0.3728i	-2.8320+0.2033i	-3.6751-1.1673i	-0.4144-0.4114i	-2.7689+0.2316i	-1.6802-1.3884i
20.2	0.4309-0.1123i	71.3150+14.7965i	-0.6843-0.3595i	-2.9045+0.3345i	-3.7315-1.0464i	-0.4145-0.4087i	-2.8398+0.3617i	-1.6823-1.3000i
20.3	0.4419-0.1598i	70.3953+14.4141i	-0.6765-0.3350i	-2.9554+0.4852i	-3.7187-0.8837i	-0.4025-0.3970i	-2.8891+0.5116i	-1.6345-1.1817i
20.4	0.4598-0.2277i	69.0708+13.9686i	-0.6541-0.3100i	-3.0106+0.6920i	-3.6574-0.7054i	-0.3757-0.3889i	-2.9453+0.7182i	-1.5454-1.0599i
20.5	0.4734-0.2849i	68.0817+13.7057i	-0.6395-0.2927i	-3.0720+0.8820i	-3.6208-0.5657i	-0.3560-0.3856i	-3.0055+0.9073i	-1.4712-0.9805i
20.6	0.4661-0.3766i	67.0926+13.2381i	-0.6280-0.2658i	-3.0773+1.2135i	-3.5718-0.3378i	-0.3414-0.3833i	-3.0042+1.2348i	-1.3979-0.8749i
20.7	0.4264-0.4472i	66.1965+13.2883i	-0.6155-0.2564i	-2.9292+1.4586i	-3.4703-0.2243i	-0.3399-0.3918i	-2.8561+1.4736i	-1.3325-0.8480i
20.8	0.3864-0.4990i	65.5653+13.4276i	-0.5974-0.2525i	-2.8049+1.6632i	-3.3636-0.1203i	-0.3309-0.4044i	-2.7313+1.6731i	-1.2681-0.8274i
20.9	0.3343-0.5391i	64.9138+13.3223i	-0.5807-0.2431i	-2.5898+1.8239i	-3.2257-0.0437i	-0.3301-0.4070i	-2.5185+1.8292i	-1.2165-0.8061i
21.0	0.2724-0.6067i	64.3583+13.1689i	-0.5727-0.2316i	-2.3503+2.0738i	-3.1501+0.0767i	-0.3402-0.4164i	-2.2823+2.0732i	-1.2145-0.7666i
21.1	0.2169-0.6284i	63.7823+12.8221i	-0.5609-0.2136i	-2.1021+2.1377i	-3.0542+0.1436i	-0.3473-0.4044i	-2.0379+2.1336i	-1.2094-0.7130i
21.2	0.1453-0.6341i	63.0866+12.8349i	-0.5452-0.2090i	-1.8568+2.1341i	-2.9005+0.1970i	-0.3475-0.3993i	-1.7986+2.1273i	-1.1237-0.6524i
21.3	0.0634-0.6322i	62.3834+12.7445i	-0.5212-0.1989i	-1.5620+2.0906i	-2.7410+0.2412i	-0.3452-0.3847i	-1.5081+2.0830i	-1.0524-0.5797i
21.4	-0.0036-0.6241i	62.1333+12.2282i	-0.5142-0.1800i	-1.3290+2.0761i	-2.6356+0.3034i	-0.3554-0.3678i	-1.2801+2.0674i	-1.0190-0.5249i
21.5	-0.0446-0.5885i	61.7673+11.6624i	-0.5036-0.1667i	-1.2157+1.9718i	-2.5394+0.3443i	-0.3530-0.3490i	-1.1692+1.9628i	-0.9498-0.4788i
21.6	-0.0562-0.5450i	60.9824+11.3194i	-0.4879-0.1648i	-1.1902+1.8192i	-2.4418+0.3506i	-0.3358-0.3346i	-1.1465+1.8102i	-0.8509-0.4326i
21.7	-0.0670-0.5214i	60.2554+11.1984i	-0.4797-0.1601i	-1.1587+1.7672i	-2.3500+0.3504i	-0.3276-0.3275i	-1.1168+1.7594i	-0.7672-0.4291i
21.8	-0.0757-0.5103i	59.6557+11.1725i	-0.4704-0.1581i	-1.1254+1.7597i	-2.2757+0.3597i	-0.3184-0.3277i	-1.0846+1.7528i	-0.7037-0.4386i
21.9	-0.0747-0.4972i	59.0219+10.8993i	-0.4650-0.1495i	-1.1427+1.7339i	-2.2105+0.3794i	-0.3091-0.3196i	-1.1035+1.7271i	-0.6357-0.4341i
22.0	-0.0779-0.4967i	58.7654+10.6126i	-0.4626-0.1336i	-1.1617+1.7975i	-2.1550+0.4112i	-0.3037-0.3146i	-1.1229+1.7898i	-0.5778-0.4629i
22.1	-0.0856-0.5074i	58.3919+10.5300i	-0.4587-0.1284i	-1.1365+1.9114i	-2.0994+0.4392i	-0.3024-0.3255i	-1.0971+1.9046i	-0.5469-0.5120i
22.2	-0.0682-0.5133i	57.3197+10.5347i	-0.4433-0.1233i	-1.1664+1.9664i	-2.0279+0.4320i	-0.2833-0.3303i	-1.1284+1.9612i	-0.4936-0.5460i
22.3	-0.0823-0.5235i	56.9356+10.4596i	-0.4378-0.1077i	-1.0955+2.0471i	-1.9682+0.4591i	-0.2849-0.3263i	-1.0578+2.0406i	-0.4866-0.5663i
22.4	-0.1045-0.5738i	56.5598+10.4388i	-0.4313-0.0912i	-0.9650+2.3114i	-1.8887+0.5129i	-0.2959-0.3422i	-0.9274+2.3033i	-0.5118-0.6174i
22.5	-0.1266-0.6041i	56.3185+10.4611i	-0.4217-0.0792i	-0.8523+2.4554i	-1.8346+0.5656i	-0.2996-0.3482i	-0.8175+2.4442i	-0.5353-0.6245i
22.6	-0.1837-0.6423i	56.2319+10.9002i	-0.4098-0.0769i	-0.6548+2.6622i	-1.7290+0.5795i	-0.3097-0.3703i	-0.6208+2.6478i	-0.5289-0.6826i
22.7	-0.2796-0.6698i	56.0260+10.7410i	-0.3877-0.0601i	-0.2129+2.8428i	-1.5805+0.5983i	-0.3390-0.3726i	-0.1824+2.8281i	-0.5980-0.6991i
22.8	-0.3651-0.6567i	55.8914+10.4254i	-0.3755-0.0415i	0.1774+2.8153i	-1.4950+0.5966i	-0.3693-0.3492i	0.2046+2.7998i	-0.6765-0.6498i
22.9	-0.4760-0.5885i	56.0361+10.0304i	-0.3575-0.0284i	0.6518+2.5816i	-1.3927+0.5694i	-0.3995-0.3093i	0.6752+2.5665i	-0.7447-0.5491i
23.0	-0.5244-0.5220i	55.9992+9.9886i	-0.3415-0.0277i	0.8872+2.2959i	-1.3139+0.5419i	-0.4064-0.2784i	0.9087+2.2823i	-0.7385-0.4377i
23.1	-0.5714-0.4347i	55.5563+9.3667i	-0.3089-0.0308i	1.1329+1.9946i	-1.1823+0.4283i	-0.4008-0.2482i	1.1516+1.9855i	-0.6952-0.3944i
23.2	-0.5940-0.3520i	55.3415+9.1888i	-0.2968-0.0455i	1.2693+1.6749i	-1.1272+0.2883i	-0.4022-0.2261i	1.2826+1.6711i	-0.6715-0.3716i
23.3	-0.6040-0.2642i	54.8208+8.9275i	-0.2875-0.0559i	1.3619+1.3542i	-1.0991+0.1799i	-0.4016-0.2023i	1.3745+1.3510i	-0.6495-0.3328i
23.4	-0.5681-0.1897i	54.0849+8.6025i	-0.2747-0.0593i	1.2772+1.0763i	-1.0971+0.1126i	-0.3742-0.1806i	1.2911+1.0747i	-0.5960-0.2992i
23.5	-0.5354-0.1255i	53.6660+8.2626i	-0.2656-0.0608i	1.1842+0.8150i	-1.0957+0.0568i	-0.3525-0.1564i	1.1977+0.8152i	-0.5350-0.2550i
23.6	-0.5185-0.0725i	53.6713+8.0842i	-0.2709-0.0551i	1.1557+0.6152i	-1.1305+0.0321i	-0.3543-0.1291i	1.1713+0.6146i	-0.5227-0.1979i
23.7	-0.4748-0.0363i	53.0319+8.1974i	-0.2632-0.0627i	1.0323+0.4859i	-1.1654+0.0022i	-0.3343-0.1274i	1.0492+0.4855i	-0.4909-0.1900i
23.8	-0.4433-0.0108i	52.6670+7.9141i	-0.2569-0.0617i	0.9249+0.3912i	-1.1659-0.0095i	-0.3152-0.1206i	0.9420+0.3905i	-0.4341-0.1721i
23.9	-0.3926+0.0105i	52.3526+7.7693i	-0.2573-0.0508i	0.8029+0.3041i	-1.2066-0.0018i	-0.3051-0.1038i	0.8210+0.3054i	-0.4165-0.1372i
24.0	-0.3582+0.0268i	52.0115+7.6605i	-0.2572-0.0439i	0.7100+0.2392i	-1.2459+0.0138i	-0.2974-0.0915i	0.7289+0.2402i	-0.4043-0.1113i
24.1	-0.3260+0.0324i	51.5034+7.6002i	-0.2434-0.0359i	0.6071+0.1721i	-1.2282+0.0380i	-0.2731-0.0770i	0.6246+0.1724i	-0.3344-0.0521i
24.2	-0.3006+0.0327i	51.1453+7.7271i	-0.2371-0.0300i	0.5308+0.1441i	-1.2277+0.0586i	-0.2576-0.0718i	0.5487+0.1424i	-0.2849-0.0141i
24.3	-0.2755+0.0497i	50.7527+7.3830i	-0.2276-0.0162i	0.4748+0.1004i	-1.2273+0.0996i	-0.2444-0.0548i	0.4924+0.0969i	-0.2521+0.0068i
24.4	-0.2572+0.0604i	50.6277+7.3377i	-0.2254-0.0095i	0.4360+0.0631i	-1.2332+0.1314i	-0.2379-0.0452i	0.4514+0.0610i	-0.2179+0.0241i
24.5	-0.2371+0.0719i	50.3227+6.9945i	-0.2120-0.0010i	0.3840+0.0386i	-1.2104+0.1605i	-0.2233-0.0371i	0.4003+0.0369i	-0.1581+0.0227i

24.6	-0.2280+0.0548i	50.3539+7.4288i	-0.2075-0.0043i	0.3463+0.0555i	-1.2223+0.1643i	-0.2167-0.0421i	0.3628+0.0519i	-0.1229+0.0348i
24.7	-0.2117+0.0438i	49.9708+7.5074i	-0.1849+0.0050i	0.2896+0.0668i	-1.1582+0.2027i	-0.1893-0.0335i	0.3047+0.0638i	-0.0272+0.0655i
24.8	-0.1970+0.0499i	49.5775+7.2080i	-0.1687+0.0069i	0.2439+0.0544i	-1.1058+0.2069i	-0.1704-0.0345i	0.2565+0.0497i	0.0482+0.0377i
24.9	-0.1873+0.0530i	49.2575+7.3408i	-0.1533-0.0049i	0.2133+0.0549i	-1.0735+0.1701i	-0.1541-0.0454i	0.2248+0.0519i	0.1107-0.0041i
25.0	-0.1725+0.0556i	49.0378+7.4409i	-0.1476-0.0129i	0.1941+0.0494i	-1.0818+0.1561i	-0.1521-0.0502i	0.2063+0.0472i	0.1319-0.0370i
25.1	-0.1643+0.0561i	49.1694+7.6246i	-0.1470-0.0185i	0.1788+0.0476i	-1.0929+0.1490i	-0.1544-0.0561i	0.1893+0.0479i	0.1553-0.0680i
25.2	-0.1527+0.0668i	48.9009+7.2720i	-0.1309-0.0136i	0.1493+0.0368i	-1.0438+0.1612i	-0.1353-0.0528i	0.1593+0.0373i	0.2224-0.1102i
25.3	-0.1432+0.0787i	48.5659+6.6842i	-0.1214+0.0004i	0.1215+0.0159i	-1.0219+0.2153i	-0.1208-0.0368i	0.1298+0.0137i	0.2548-0.1129i
25.4	-0.1195+0.0811i	47.8674+6.7965i	-0.1070-0.0050i	0.0898+0.0114i	-0.9931+0.2103i	-0.1062-0.0385i	0.0978+0.0088i	0.2682-0.1396i
25.5	-0.1092+0.0755i	47.7827+6.9800i	-0.1013-0.0089i	0.0776+0.0148i	-0.9786+0.2228i	-0.1016-0.0412i	0.0867+0.0124i	0.2931-0.1647i
25.6	-0.1076+0.0744i	48.2058+7.2032i	-0.1056-0.0084i	0.0663+0.0065i	-0.9889+0.2501i	-0.1028-0.0394i	0.0735+0.0042i	0.3261-0.1838i
25.7	-0.0866+0.0815i	47.9633+6.8896i	-0.0898-0.0040i	0.0499-0.0044i	-0.9122+0.2753i	-0.0866-0.0321i	0.0560-0.0057i	0.3474-0.2124i
25.8	-0.0680+0.0748i	47.4697+7.2177i	-0.0821-0.0202i	0.0290+0.0032i	-0.9156+0.2268i	-0.0809-0.0449i	0.0363+0.0035i	0.3271-0.2700i
25.9	-0.0576+0.0718i	47.2796+7.3459i	-0.0762-0.0220i	0.0112+0.0024i	-0.8978+0.2187i	-0.0729-0.0464i	0.0178+0.0021i	0.3239-0.2808i
26.0	-0.0458+0.0768i	47.0935+7.1774i	-0.0637-0.0198i	-0.0058-0.0036i	-0.8520+0.2347i	-0.0602-0.0429i	-0.0013-0.0042i	0.3326-0.2995i
26.1	-0.0400+0.0738i	47.0542+7.3723i	-0.0587-0.0258i	-0.0166-0.0038i	-0.8424+0.2291i	-0.0539-0.0476i	-0.0120-0.0029i	0.3570-0.3229i
26.2	-0.0287+0.0699i	46.8856+7.3119i	-0.0553-0.0295i	-0.0227+0.0054i	-0.8275+0.2242i	-0.0524-0.0524i	-0.0175+0.0084i	0.3601-0.3543i
26.3	-0.0057+0.0750i	46.8634+6.9542i	-0.0544-0.0248i	-0.0350+0.0039i	-0.7991+0.2473i	-0.0538-0.0495i	-0.0299+0.0077i	0.3243-0.3843i
26.4	0.0080+0.0772i	46.9160+7.0275i	-0.0547-0.0201i	-0.0428-0.0050i	-0.7947+0.2828i	-0.0550-0.0431i	-0.0395-0.0011i	0.3095-0.3868i
26.5	0.0147+0.0673i	46.8573+7.3905i	-0.0528-0.0260i	-0.0524-0.0062i	-0.8013+0.2737i	-0.0513-0.0474i	-0.0487-0.0035i	0.3340-0.3859i
26.6	0.0305+0.0606i	46.6756+7.3390i	-0.0464-0.0255i	-0.0645-0.0191i	-0.7660+0.2537i	-0.0438-0.0454i	-0.0608-0.0169i	0.3334-0.4014i
26.7	0.0417+0.0518i	46.5925+7.2677i	-0.0390-0.0261i	-0.0817-0.0281i	-0.7358+0.2339i	-0.0376-0.0438i	-0.0762-0.0249i	0.3416-0.4257i
26.8	0.0563+0.0437i	46.3760+7.0820i	-0.0259-0.0214i	-0.1181-0.0261i	-0.7174+0.2493i	-0.0238-0.0374i	-0.1131-0.0234i	0.3670-0.4448i
26.9	0.0651+0.0361i	46.2258+7.1837i	-0.0211-0.0263i	-0.1410-0.0223i	-0.7200+0.2388i	-0.0158-0.0408i	-0.1377-0.0197i	0.3838-0.4708i
27.0	0.0755+0.0247i	46.1251+7.2171i	-0.0176-0.0242i	-0.1699-0.0092i	-0.7293+0.2771i	-0.0101-0.0371i	-0.1661-0.0060i	0.3846-0.4962i
27.1	0.0812+0.0105i	46.0840+7.5766i	-0.0170-0.0279i	-0.1917+0.0190i	-0.7687+0.2970i	-0.0093-0.0412i	-0.1886+0.0225i	0.3788-0.5358i
27.2	0.0897-0.0029i	46.0921+7.3947i	-0.0083-0.0155i	-0.2055+0.0571i	-0.7271+0.3868i	-0.0013-0.0307i	-0.1997+0.0599i	0.3494-0.5621i
27.3	0.0896-0.0203i	46.1850+7.6401i	-0.0038-0.0138i	-0.2104+0.0909i	-0.6862+0.4437i	0.0060-0.0298i	-0.2052+0.0928i	0.3368-0.5905i
27.4	0.0903-0.0372i	46.2729+7.7626i	0.0045-0.0148i	-0.2054+0.1210i	-0.6260+0.4918i	0.0158-0.0289i	-0.2019+0.1217i	0.3279-0.6265i
27.5	0.0905-0.0512i	46.1739+8.0509i	0.0162-0.0183i	-0.1864+0.1519i	-0.5595+0.5016i	0.0240-0.0353i	-0.1837+0.1534i	0.3025-0.6696i
27.6	0.0783-0.0634i	46.6680+7.9608i	0.0221-0.0091i	-0.1576+0.1775i	-0.4574+0.5669i	0.0284-0.0265i	-0.1533+0.1792i	0.2075-0.6940i
27.7	0.0738-0.0745i	46.4270+8.1413i	0.0380-0.0147i	-0.1408+0.1826i	-0.3719+0.5369i	0.0426-0.0289i	-0.1377+0.1843i	0.1928-0.6686i
27.8	0.0619-0.0750i	46.5071+7.7842i	0.0601-0.0138i	-0.0872+0.1806i	-0.2129+0.4933i	0.0595-0.0271i	-0.0875+0.1807i	0.1388-0.6195i
27.9	0.0498-0.0758i	46.8828+7.5362i	0.0740-0.0137i	-0.0465+0.1741i	-0.0973+0.4631i	0.0681-0.0264i	-0.0495+0.1751i	0.0907-0.5948i
28.0	0.0421-0.0715i	46.9157+7.4362i	0.0828-0.0264i	-0.0358+0.1529i	-0.0392+0.3611i	0.0792-0.0359i	-0.0389+0.1531i	0.0620-0.5557i
28.1	0.0317-0.0628i	47.1056+6.9436i	0.0947-0.0327i	-0.0188+0.1228i	0.0331+0.2569i	0.0901-0.0385i	-0.0233+0.1257i	0.0490-0.5363i
28.2	0.0306-0.0548i	47.0671+6.5466i	0.1021-0.0309i	-0.0129+0.1003i	0.0533+0.2097i	0.0938-0.0342i	-0.0170+0.1047i	0.0411-0.4877i
28.3	0.0316-0.0405i	46.8984+6.1294i	0.1106-0.0326i	-0.0019+0.0726i	0.0647+0.1275i	0.0994-0.0342i	-0.0068+0.0767i	0.0285-0.4246i
28.4	0.0309-0.0328i	47.1111+6.0284i	0.1084-0.0359i	0.0008+0.0614i	0.0580+0.1069i	0.1002-0.0363i	-0.0037+0.0699i	0.0205-0.3989i
28.5	0.0435-0.0352i	46.3825+6.0375i	0.1289-0.0468i	-0.0226+0.0484i	0.0625+0.0233i	0.1236-0.0432i	-0.0272+0.0569i	0.1083-0.3626i
28.6	0.0439-0.0278i	46.2644+5.8671i	0.1399-0.0552i	-0.0240+0.0406i	0.0856-0.0332i	0.1371-0.0498i	-0.0301+0.0487i	0.1424-0.3716i
28.7	0.0523-0.0210i	46.1076+5.7961i	0.1499-0.0579i	-0.0240+0.0277i	0.0903-0.0661i	0.1447-0.0526i	-0.0306+0.0357i	0.1591-0.3475i
28.8	0.0658-0.0224i	45.6957+5.7348i	0.1613-0.0637i	-0.0429+0.0129i	0.0867-0.1042i	0.1582-0.0546i	-0.0509+0.0223i	0.1953-0.3204i
28.9	0.0811-0.0187i	45.5337+5.5380i	0.1730-0.0700i	-0.0479+0.0088i	0.0925-0.1373i	0.1674-0.0606i	-0.0552+0.0204i	0.2239-0.3194i
29.0	0.0835-0.0137i	45.5641+5.6724i	0.1749-0.0762i	-0.0497+0.0062i	0.0658-0.1662i	0.1685-0.0679i	-0.0554+0.0170i	0.2340-0.3272i
29.1	0.0840-0.0107i	45.6866+5.6219i	0.1776-0.0845i	-0.0462-0.0028i	0.0677-0.2002i	0.1711-0.0744i	-0.0527+0.0111i	0.2443-0.3493i
29.2	0.1037-0.0139i	45.1315+5.5590i	0.1994-0.1001i	-0.0615-0.0106i	0.0981-0.2642i	0.1890-0.0867i	-0.0685+0.0067i	0.2880-0.3713i
29.3	0.1130-0.0103i	44.8104+5.4012i	0.2140-0.1035i	-0.0678-0.0149i	0.1110-0.2914i	0.2008-0.0906i	-0.0761+0.0024i	0.3113-0.3712i
29.4	0.1185-0.0090i	44.9611+5.3909i	0.2103-0.1019i	-0.0803-0.0188i	0.0616-0.2878i	0.1982-0.0858i	-0.0863-0.0020i	0.2858-0.3529i
29.5	0.1342-0.0064i	44.8285+5.2971i	0.2281-0.1162i	-0.0779-0.0240i	0.0990-0.3299i	0.2107-0.0970i	-0.0840-0.0051i	0.3222-0.3773i
29.6	0.1499-0.0124i	44.5483+5.3997i	0.2391-0.1303i	-0.0808-0.0286i	0.1093-0.3721i	0.2168-0.1062i	-0.0872-0.0087i	0.3333-0.3990i
29.7	0.1596-0.0149i	44.7372+5.1592i	0.2287-0.1220i	-0.0744-0.0272i	0.0566-0.3513i	0.2052-0.0981i	-0.0761-0.0121i	0.2883-0.3674i
29.8	0.1604-0.0107i	45.0789+5.1684i	0.2328-0.1242i	-0.0758-0.0329i	0.0766-0.3519i	0.2091-0.1004i	-0.0774-0.0152i	0.2925-0.3755i
29.9	0.1960-0.0093i	44.4525+4.9470i	0.2715-0.1357i	-0.0903-0.0404i	0.1575-0.3910i	0.2385-0.1089i	-0.0940-0.0212i	0.3554-0.3850i
30.0	0.2200-0.0034i	44.0842+4.8730i	0.2927-0.1507i	-0.0924-0.0498i	0.2068-0.4318i	0.2505-0.1218i	-0.0956-0.0268i	0.3752-0.4144i
30.1	0.2258-0.0151i	44.1183+5.0366i	0.2871-0.1653i	-0.1065-0.0516i	0.1857-0.4729i	0.2499-0.1331i	-0.1090-0.0296i	0.3601-0.4355i
30.2	0.2438-0.0221i	44.2269+4.7320i	0.2948-0.1740i	-0.0952-0.0509i	0.1973-0.5039i	0.2482-0.1397i	-0.0998-0.0289i	0.3451-0.4459i
30.3	0.2586-0.0342i	44.0712+4.7626i	0.2861-0.1764i	-0.1021-0.0516i	0.1343-0.5208i	0.2341-0.1364i	-0.1013-0.0319i	0.2957-0.4320i
30.4	0.2780-0.0251i	43.8353+4.4959i	0.3030-0.1796i	-0.1140-0.0642i	0.1602-0.5477i	0.2485-0.1326i	-0.1137-0.0449i	0.3180-0.4408i
30.5	0.3011-0.0496i	43.8826+4.6661i	0.3309-0.2030i	-0.1042-0.0501i	0.2126-0.6057i	0.2605-0.1501i	-0.1045-0.0309i	0.3449-0.4687i
30.6	0.3225-0.0642i	43.7826+4.7691i	0.3302-0.2228i	-0.0950-0.0548i	0.1825-0.6502i	0.2499-0.1557i	-0.0951-0.0367i	0.2956-0.4978i
30.7	0.3352-0.0986i	43.5386+4.7859i	0.3312-0.2406i	-0.0980-0.0841i	0.1623-0.6838i	0.2532-0.1494i	-0.0998-0.0641i	0.2711-0.4828i
30.8	0.3635-0.1057i	43.4365+4.4664i	0.3308-0.2396i	-0.1061-0.1045i	0.1475-0.6721i	0.2513-0.1357i	-0.1057-0.0843i	0.2071-0.4499i

30.9	0.3770-0.1069i	43.3504+4.1708i	0.3416-0.2283i	-0.1238-0.1148i	0.1799-0.6187i	0.2707-0.1174i	-0.1245-0.0958i	0.2270-0.3991i
31.0	0.3900-0.1365i	43.5437+4.5214i	0.3427-0.2394i	-0.1138-0.1220i	0.1608-0.6541i	0.2589-0.1150i	-0.1143-0.1055i	0.1731-0.3616i
31.1	0.4093-0.1566i	43.9559+4.5314i	0.3528-0.2571i	-0.0943-0.1276i	0.1864-0.7117i	0.2491-0.1205i	-0.0949-0.1107i	0.1517-0.3720i
31.2	0.4592-0.2053i	43.3995+4.4111i	0.3855-0.2710i	-0.0853-0.1256i	0.2366-0.7622i	0.2584-0.1142i	-0.0874-0.1109i	0.1516-0.3176i
31.3	0.4718-0.2433i	43.2402+4.1129i	0.3928-0.2679i	-0.1051-0.1674i	0.2386-0.7242i	0.2780-0.0699i	-0.1069-0.1508i	0.1624-0.2228i
31.4	0.4963-0.2817i	43.2248+3.9592i	0.4216-0.2759i	-0.1219-0.1994i	0.2947-0.7319i	0.3007-0.0480i	-0.1221-0.1826i	0.1945-0.1624i
31.5	0.5143-0.3323i	42.6705+3.9886i	0.4197-0.3000i	-0.2192-0.2117i	0.3773-0.8044i	0.3569-0.0502i	-0.2212-0.1957i	0.1736-0.1132i
31.6	0.4936-0.3721i	42.5246+4.1505i	0.4295-0.3255i	-0.2323-0.2259i	0.4128-0.8590i	0.3870-0.0495i	-0.2367-0.2083i	0.2297-0.0884i
31.7	0.4692-0.4377i	42.4901+4.3030i	0.4356-0.3669i	-0.2175-0.2576i	0.4004-0.9639i	0.3920-0.0407i	-0.2216-0.2382i	0.2698-0.0639i
31.8	0.4950-0.4790i	42.4173+3.5707i	0.4657-0.3748i	-0.2479-0.3116i	0.4879-0.9654i	0.4338+0.0036i	-0.2504-0.2947i	0.2933+0.0208i
31.9	0.5055-0.4922i	42.5417+3.3380i	0.4674-0.3650i	-0.2772-0.2846i	0.5021-0.9904i	0.4531-0.0021i	-0.2785-0.2686i	0.2895+0.0421i
32.0	0.5173-0.5659i	41.9050+3.1575i	0.4976-0.3752i	-0.3217-0.2306i	0.5819-1.1468i	0.5052-0.0252i	-0.3246-0.2142i	0.3154+0.1320i
32.1	0.5119-0.6483i	41.4453+3.2041i	0.5234-0.4295i	-0.3547-0.2451i	0.6296-1.3177i	0.5526-0.0302i	-0.3626-0.2278i	0.3968+0.2001i
32.2	0.4891-0.7391i	40.8507+3.3585i	0.5414-0.4615i	-0.3971-0.2274i	0.6429-1.4964i	0.6102-0.0400i	-0.4072-0.2109i	0.5017+0.2935i
32.3	0.4576-0.7651i	41.1060+3.2797i	0.5461-0.4651i	-0.4190-0.2283i	0.6420-1.5225i	0.6426-0.0362i	-0.4320-0.2117i	0.5688+0.3395i
32.4	0.4221-0.7995i	41.2053+3.0959i	0.5397-0.4902i	-0.4868-0.2496i	0.6234-1.5989i	0.6999-0.0302i	-0.5001-0.2332i	0.6296+0.3837i
32.5	0.4003-0.8700i	40.5505+2.9846i	0.5799-0.5233i	-0.4784-0.2131i	0.6284-1.8105i	0.7427-0.0651i	-0.4945-0.1978i	0.7494+0.4386i
32.6	0.3671-0.9391i	40.1044+2.7551i	0.6119-0.5396i	-0.5254-0.1366i	0.6593-1.9823i	0.8306-0.1091i	-0.5455-0.1227i	0.9298+0.4879i
32.7	0.3151-1.0426i	39.1944+2.6621i	0.6619-0.5888i	-0.5773-0.1231i	0.6644-2.1836i	0.9399-0.1250i	-0.5986-0.1079i	1.1974+0.5671i
32.8	0.2453-1.1000i	38.7039+2.6202i	0.6844-0.6201i	-0.5881-0.1051i	0.5712-2.2854i	0.9994-0.1418i	-0.6148-0.0839i	1.4116+0.6026i
32.9	0.1435-1.1691i	38.2168+2.7657i	0.7014-0.6683i	-0.6330-0.0533i	0.4471-2.4299i	1.1006-0.2032i	-0.6610-0.0290i	1.6967+0.5515i
33.0	0.0191-1.2210i	36.9968+2.7052i	0.7733-0.7065i	-0.6211+0.0119i	0.4047-2.5645i	1.2128-0.2802i	-0.6541+0.0350i	2.0584+0.4635i
33.1	-0.0871-1.2416i	36.1992+2.7676i	0.8281-0.7534i	-0.5782+0.0475i	0.3243-2.6867i	1.2784-0.3601i	-0.6159+0.0749i	2.3135+0.3257i
33.2	-0.2414-1.2451i	35.0284+3.4050i	0.8861-0.8440i	-0.5567+0.1320i	0.1934-2.8843i	1.3768-0.5210i	-0.5999+0.1620i	2.6249+0.0425i
33.3	-0.3415-1.2365i	34.2910+3.4964i	0.9322-0.9254i	-0.5499+0.1443i	0.1262-2.9884i	1.4515-0.6213i	-0.5986+0.1804i	2.8338-0.2183i
33.4	-0.4543-1.2488i	32.7831+3.4481i	1.0286-1.0488i	-0.5225+0.1363i	0.0808-3.1917i	1.5592-0.7526i	-0.5786+0.1788i	3.1258-0.5556i
33.5	-0.6101-1.1995i	30.6039+4.3494i	1.1040-1.2944i	-0.5032+0.1056i	-0.0507-3.5444i	1.6525-1.0045i	-0.5676+0.1612i	3.3551-1.1546i
33.6	-0.6675-1.1046i	29.2704+5.3760i	1.1052-1.4852i	-0.5289+0.0789i	-0.1485-3.7708i	1.6685-1.2159i	-0.5950+0.1500i	3.2970-1.6400i
33.7	-0.7316-1.0627i	26.5984+6.6109i	1.1661-1.7413i	-0.5849+0.1088i	-0.2006-4.1371i	1.7616-1.4961i	-0.6564+0.1966i	3.3898-2.1399i
33.8	-0.7519-1.0303i	24.3730+8.0687i	1.1817-2.0337i	-0.6344+0.1406i	-0.2715-4.5853i	1.7976-1.7937i	-0.7061+0.2423i	3.2922-2.6415i
33.9	-0.7545-1.0688i	22.3273+10.9897i	1.0543-2.4341i	-0.7281+0.2392i	-0.6515-5.1877i	1.7384-2.1857i	-0.7938+0.3666i	3.0536-3.1722i
34.0	-0.8934-1.2003i	18.7576+15.2814i	0.8177-2.9304i	-0.7671+0.4047i	-1.4210-6.0064i	1.6063-2.6939i	-0.8176+0.5639i	2.7944-3.8117i
34.1	-1.1507-1.3214i	16.7279+20.5304i	0.4299-3.3866i	-0.6894+0.5958i	-2.4597-6.6974i	1.3086-3.2177i	-0.7182+0.7834i	2.3827-4.3745i
34.2	-1.5803-1.1629i	17.9045+29.1274i	-0.3479-3.7536i	-0.4816+0.7329i	-4.2420-6.8664i	0.6100-3.7364i	-0.4706+0.9458i	1.6235-5.0605i
34.3	-1.9813-0.6470i	25.0877+39.7607i	-1.6093-3.7173i	-0.2542+0.7575i	-6.6444-5.8610i	-0.5988-3.9498i	-0.1683+0.9726i	0.1439-5.4501i
34.4	-2.0370-0.2270i	32.4014+44.2253i	-2.4069-3.2959i	-0.1182+0.6796i	-7.8616-4.4786i	-1.4387-3.6768i	0.0174+0.8718i	-0.9214-5.2793i
34.5	-1.7951+0.3453i	46.2955+44.7124i	-3.1654-2.1279i	-0.0131+0.5760i	-8.5682-1.6474i	-2.3529-2.7334i	0.1657+0.7040i	-2.1385-4.4083i
34.6	-1.5360+0.6617i	55.1415+42.2032i	-3.3450-1.1167i	0.0468+0.5038i	-8.2855+0.5350i	-2.6938-1.8578i	0.2400+0.5811i	-2.7523-3.5496i
34.7	-1.2510+0.7657i	59.5588+36.9898i	-3.1030-0.3937i	0.0768+0.4331i	-7.3195+1.8626i	-2.6112-1.1624i	0.2612+0.4682i	-2.9126-2.8030i
34.8	-0.9920+0.7755i	61.2949+31.4421i	-2.6402+0.0575i	0.0938+0.3465i	-6.0167+2.5191i	-2.3068-0.6727i	0.2535+0.3557i	-2.8427-2.2160i
34.9	-0.7600+0.7602i	62.1433+26.2993i	-2.1180+0.3663i	0.0936+0.2646i	-4.6624+2.8600i	-1.9252-0.2972i	0.2271+0.2523i	-2.6581-1.6529i
35.0	-0.6227+0.7407i	62.4263+23.3525i	-1.7810+0.4838i	0.0933+0.2082i	-3.8143+2.8826i	-1.6755-0.1201i	0.2099+0.1869i	-2.5324-1.3091i
35.1	-0.4693+0.6996i	62.2009+20.3791i	-1.4376+0.5614i	0.0861+0.1507i	-2.9338+2.7631i	-1.4164+0.0350i	0.1870+0.1237i	-2.3967-0.9363i
35.2	-0.3459+0.6313i	61.8576+18.1732i	-1.1683+0.5764i	0.0567+0.1090i	-2.3060+2.5113i	-1.1854+0.1350i	0.1442+0.0796i	-2.2246-0.5812i
35.3	-0.2664+0.5354i	60.8640+15.9514i	-0.9321+0.4974i	0.0199+0.0714i	-1.8650+2.1271i	-0.9682+0.1428i	0.0907+0.0438i	-1.9675-0.3617i
35.4	-0.2164+0.4650i	60.1617+14.8001i	-0.7643+0.4354i	-0.0081+0.0492i	-1.6119+1.8096i	-0.7916+0.1434i	0.0519+0.0208i	-1.7043-0.2172i
35.5	-0.1448+0.3941i	60.1473+13.1946i	-0.5890+0.4180i	-0.0380+0.0313i	-1.2783+1.5579i	-0.6203+0.1905i	0.0155+0.0016i	-1.4846+0.0202i
35.6	-0.0987+0.3598i	59.7011+12.1053i	-0.4638+0.3202i	-0.0537+0.0086i	-1.0374+1.3002i	-0.4984+0.1389i	-0.0098-0.0158i	-1.3297+0.0033i
35.7	-0.0836+0.2980i	59.5026+11.3524i	-0.3833+0.2457i	-0.0728+0.0105i	-0.9793+1.0906i	-0.4054+0.0951i	-0.0361-0.0094i	-1.1523-0.0001i
35.8	-0.0977+0.2060i	58.6503+10.8347i	-0.2924+0.2119i	-0.0955+0.0077i	-0.9483+0.8844i	-0.2858+0.1071i	-0.0661-0.0112i	-0.9266+0.1460i
35.9	-0.0955+0.1705i	58.0338+9.7756i	-0.2114+0.1722i	-0.1131+0.0047i	-0.8548+0.7465i	-0.1843+0.0920i	-0.0839-0.0118i	-0.7668+0.1953i
36.0	-0.0990+0.1296i	57.7039+8.9449i	-0.1415+0.1551i	-0.1203+0.0011i	-0.7782+0.6688i	-0.0984+0.0998i	-0.0967-0.0172i	-0.6264+0.2757i
36.1	-0.1076+0.1011i	57.2706+8.4796i	-0.0861+0.0737i	-0.1351-0.0039i	-0.7175+0.4922i	-0.0168+0.0362i	-0.1124-0.0195i	-0.4873+0.1946i
36.2	-0.0981+0.0789i	56.8974+7.7687i	-0.0438+0.0063i	-0.1393-0.0027i	-0.6724+0.3507i	0.0363-0.0220i	-0.1174-0.0142i	-0.4376+0.1185i
36.3	-0.0939+0.0714i	56.8950+7.8162i	-0.0123+0.0198i	-0.1418-0.0111i	-0.6756+0.3489i	0.0729-0.0027i	-0.1239-0.0198i	-0.3888+0.2044i
36.4	-0.1171+0.0304i	56.2338+7.5257i	0.0271-0.0813i	-0.1514-0.0224i	-0.6486+0.1774i	0.1422-0.0876i	-0.1373-0.0253i	-0.2993+0.1147i
36.5	-0.1258+0.0164i	55.9226+7.3632i	0.0391-0.1475i	-0.1624-0.0206i	-0.6762+0.0998i	0.1699-0.1585i	-0.1470-0.0205i	-0.2582+0.0491i
36.6	-0.1192+0.0118i	55.6195+7.1292i	0.0861-0.2279i	-0.1620-0.0119i	-0.6400-0.0175i	0.2283-0.2430i	-0.1500-0.0075i	-0.1863-0.0413i
36.7	-0.1427-0.0155i	55.4119+6.5153i	0.1194-0.3039i	-0.1759-0.0211i	-0.6191-0.1618i	0.2824-0.3163i	-0.1654-0.0139i	-0.1212-0.0770i
36.8	-0.1536-0.0164i	55.0983+6.5503i	0.1661-0.3324i	-0.1895-0.0299i	-0.5656-0.1963i	0.3430-0.3406i	-0.1810-0.0220i	-0.0462-0.0740i
36.9	-0.1465-0.0167i	55.3719+6.2193i	0.1690-0.3638i	-0.1929-0.0269i	-0.5256-0.2191i	0.3445-0.3700i	-0.1856-0.0192i	-0.0715-0.0874i
37.0	-0.1695-0.0452i	55.2874+5.6831i	0.1656-0.4237i	-0.2100-0.0424i	-0.5446-0.3230i	0.3560-0.4193i	-0.2037-0.0323i	-0.0711-0.0993i
37.1	-0.1900-0.0595i	54.9973+5.1397i	0.1873-0.4938i	-0.2261-0.0469i	-0.5404-0.4554i	0.3990-0.4914i	-0.2220-0.0330i	-0.0060-0.1214i

37.2	-0.1899-0.0508i	55.2082+5.1826i	0.1941-0.5537i	-0.2355-0.0424i	-0.5384-0.5482i	0.4138-0.5673i	-0.2309-0.0259i	-0.0030-0.1694i
37.3	-0.2109-0.0569i	54.5840+5.1347i	0.1933-0.6227i	-0.2489-0.0465i	-0.5306-0.6688i	0.4291-0.6442i	-0.2458-0.0284i	0.0085-0.1918i
37.4	-0.2349-0.0750i	53.9030+4.9562i	0.1836-0.7197i	-0.2580-0.0472i	-0.5413-0.8021i	0.4353-0.7489i	-0.2540-0.0242i	0.0012-0.2461i
37.5	-0.2522-0.0660i	54.3564+4.5819i	0.1766-0.7579i	-0.2765-0.0523i	-0.5135-0.8659i	0.4401-0.7900i	-0.2721-0.0278i	-0.0131-0.2289i
37.6	-0.2785-0.0682i	54.1018+4.2259i	0.1682-0.8290i	-0.2932-0.0461i	-0.5696-1.0113i	0.4457-0.8761i	-0.2884-0.0205i	-0.0017-0.2336i
37.7	-0.3073-0.0514i	54.0036+4.7433i	0.1108-0.8416i	-0.3115-0.0387i	-0.7138-1.0588i	0.3928-0.9019i	-0.3057-0.0123i	-0.0190-0.2019i
37.8	-0.3116-0.0381i	54.1967+4.5167i	0.1111-0.9005i	-0.3255-0.0393i	-0.7066-1.1342i	0.3931-0.9546i	-0.3181-0.0105i	-0.0333-0.2160i
37.9	-0.3328-0.0198i	53.5735+4.0190i	0.0353-0.9893i	-0.3372-0.0287i	-0.8190-1.2886i	0.3083-1.0654i	-0.3230+0.0059i	-0.0873-0.2141i
38.0	-0.3426-0.0078i	53.4560+3.9048i	-0.0669-0.9744i	-0.3464-0.0263i	-0.9737-1.3111i	0.2039-1.0536i	-0.3256+0.0089i	-0.1759-0.1153i
38.1	-0.3338+0.0055i	53.5705+3.5840i	-0.0928-0.9628i	-0.3446-0.0196i	-1.0283-1.3315i	0.1798-1.0400i	-0.3260+0.0158i	-0.1909-0.0401i
38.2	-0.3369+0.0404i	52.7934+3.3360i	-0.1589-1.0502i	-0.3563+0.0125i	-1.1433-1.4746i	0.1239-1.1572i	-0.3402+0.0489i	-0.1462-0.0238i
38.3	-0.3339+0.0531i	53.0854+3.4667i	-0.2488-1.0434i	-0.3633+0.0250i	-1.2856-1.4834i	0.0291-1.1643i	-0.3417+0.0595i	-0.1779+0.0412i
38.4	-0.3240+0.0609i	53.3200+3.5645i	-0.2455-1.0928i	-0.3657+0.0238i	-1.3795-1.5852i	0.0213-1.2195i	-0.3418+0.0597i	-0.1071+0.0623i
38.5	-0.3339+0.0725i	53.0566+3.7476i	-0.3370-1.1020i	-0.3762+0.0251i	-1.5675-1.6016i	-0.0734-1.2181i	-0.3479+0.0625i	-0.0917+0.0928i
38.6	-0.3361+0.0710i	52.8093+3.3227i	-0.3855-1.1453i	-0.3740+0.0342i	-1.7420-1.5884i	-0.1420-1.2620i	-0.3457+0.0740i	-0.0344+0.0521i
38.7	-0.3186+0.0878i	52.7006+3.3069i	-0.4498-1.1461i	-0.3575+0.0537i	-1.8870-1.5843i	-0.2206-1.2773i	-0.3260+0.0930i	-0.0071+0.0609i
38.8	-0.3187+0.1236i	52.5175+3.4418i	-0.5202-1.1862i	-0.3633+0.0765i	-2.0091-1.5858i	-0.2917-1.3293i	-0.3282+0.1180i	0.0257+0.0522i
38.9	-0.3366+0.1505i	52.1925+3.5418i	-0.6161-1.1636i	-0.3767+0.0767i	-2.2045-1.4793i	-0.3914-1.2930i	-0.3392+0.1201i	0.0097+0.0862i
39.0	-0.3292+0.1599i	51.8501+3.9569i	-0.6731-1.1475i	-0.3662+0.0707i	-2.3427-1.3675i	-0.4566-1.2535i	-0.3262+0.1127i	0.0093+0.0791i
39.1	-0.3250+0.1687i	52.1185+3.4423i	-0.6411-1.1479i	-0.3619+0.0724i	-2.3371-1.3157i	-0.4278-1.2464i	-0.3199+0.1104i	0.0573+0.1241i
39.2	-0.3249+0.1917i	52.0279+3.5723i	-0.7195-1.0787i	-0.3709+0.0693i	-2.4373-1.1641i	-0.4936-1.1702i	-0.3243+0.1030i	0.0337+0.1982i
39.3	-0.3165+0.2106i	52.0389+3.9283i	-0.7880-1.0639i	-0.3854+0.0728i	-2.5161-1.0424i	-0.5488-1.1490i	-0.3410+0.1086i	0.0639+0.2165i
39.4	-0.2856+0.2479i	51.6425+4.1283i	-0.8335-1.0561i	-0.3775+0.0925i	-2.5581-0.9612i	-0.5990-1.1578i	-0.3357+0.1269i	0.1317+0.2199i
39.5	-0.2669+0.2494i	51.8708+4.1606i	-0.8862-0.9920i	-0.3678+0.1077i	-2.6450-0.7868i	-0.6518-1.0938i	-0.3206+0.1365i	0.1622+0.2214i
39.6	-0.2465+0.2284i	51.7904+3.8520i	-0.8937-0.9801i	-0.3628+0.1023i	-2.6919-0.6661i	-0.6576-1.0678i	-0.3143+0.1267i	0.2055+0.1744i
39.7	-0.2357+0.2294i	51.7560+3.7193i	-0.9619-0.9766i	-0.3667+0.0963i	-2.6177-0.5195i	-0.7120-1.0599i	-0.3147+0.1201i	0.1454+0.1846i
39.8	-0.2211+0.2464i	51.8996+3.9355i	-0.9973-0.9238i	-0.3796+0.0920i	-2.5800-0.5115i	-0.7559-1.0096i	-0.3262+0.1142i	0.1831+0.2922i
39.9	-0.2058+0.2436i	51.8132+3.7799i	-0.9959-0.8961i	-0.3725+0.0974i	-2.5947-0.5119i	-0.7619-0.9698i	-0.3201+0.1176i	0.2528+0.3090i
40.0	-0.1844+0.2540i	52.1261+4.0125i	-0.9812-0.8365i	-0.3714+0.1034i	-2.6007-0.4457i	-0.7420-0.9192i	-0.3189+0.1244i	0.3261+0.3365i
40.1	-0.1668+0.2535i	52.0701+3.8658i	-0.9683-0.8099i	-0.3739+0.1164i	-2.5568-0.4237i	-0.7241-0.9128i	-0.3244+0.1340i	0.4026+0.3538i
40.2	-0.1369+0.2612i	52.6612+4.1570i	-1.0423-0.7439i	-0.3793+0.1223i	-2.5377-0.3332i	-0.7872-0.8507i	-0.3271+0.1334i	0.4056+0.3619i
40.3	-0.1336+0.2531i	52.7022+4.0440i	-1.0519-0.7073i	-0.3858+0.1178i	-2.5092-0.2544i	-0.7872-0.8051i	-0.3357+0.1289i	0.4485+0.3625i
40.4	-0.1351+0.2432i	52.3717+4.3396i	-1.0537-0.7164i	-0.3816+0.1211i	-2.5227-0.1564i	-0.7948-0.8061i	-0.3269+0.1340i	0.4919+0.2690i
40.5	-0.1198+0.2541i	51.8845+4.6422i	-1.0830-0.6810i	-0.3748+0.1423i	-2.4304-0.0990i	-0.8129-0.7872i	-0.3199+0.1581i	0.4629+0.2316i
40.6	-0.1025+0.2361i	52.2020+4.1271i	-1.0500-0.6508i	-0.3685+0.1318i	-2.3788-0.1454i	-0.7828-0.7555i	-0.3147+0.1458i	0.4432+0.3190i
40.7	-0.0879+0.2292i	52.7308+4.2803i	-1.0630-0.6041i	-0.3622+0.1292i	-2.3823-0.0953i	-0.8034-0.7065i	-0.3098+0.1411i	0.4273+0.3141i
40.8	-0.0806+0.2401i	52.8955+4.1697i	-1.0658-0.5659i	-0.3554+0.1409i	-2.3054-0.0839i	-0.8056-0.6869i	-0.3050+0.1469i	0.4608+0.3783i
40.9	-0.0779+0.2363i	52.8913+4.2129i	-1.0561-0.5490i	-0.3566+0.1346i	-2.3022-0.1604i	-0.7886-0.6648i	-0.3079+0.1371i	0.4736+0.4513i
41.0	-0.0727+0.2354i	52.9479+4.5320i	-1.0905-0.5445i	-0.3673+0.1198i	-2.3170-0.1369i	-0.8100-0.6531i	-0.3184+0.1212i	0.5268+0.4924i
41.1	-0.0758+0.2517i	52.5265+4.4088i	-1.1083-0.5536i	-0.3920+0.1293i	-2.3131-0.1300i	-0.7852-0.6661i	-0.3404+0.1328i	0.6241+0.5728i
41.2	-0.0611+0.2278i	52.6363+4.3379i	-1.0615-0.5236i	-0.3731+0.1364i	-2.3983-0.1419i	-0.7718-0.6394i	-0.3224+0.1377i	0.7188+0.6042i
41.3	-0.0633+0.1809i	53.2656+4.6475i	-1.0355-0.5417i	-0.3721+0.1161i	-2.3656+0.0764i	-0.7611-0.6012i	-0.3219+0.1152i	0.7278+0.4679i
41.4	-0.0745+0.1565i	53.6395+4.6049i	-0.9927-0.5248i	-0.3712+0.0863i	-2.3795+0.0094i	-0.7283-0.5599i	-0.3241+0.0851i	0.6471+0.4723i
41.5	-0.0692+0.1736i	53.1438+4.8114i	-1.0300-0.4955i	-0.3611+0.0903i	-2.2955-0.0114i	-0.7453-0.5572i	-0.3131+0.0861i	0.7095+0.5685i
41.6	-0.0466+0.1734i	53.4114+4.8708i	-1.0229-0.4584i	-0.3821+0.0840i	-2.3868-0.1155i	-0.7306-0.5301i	-0.3337+0.0803i	0.8996+0.6513i
41.7	-0.0659+0.1907i	53.1257+4.6736i	-1.0644-0.4446i	-0.4019+0.1093i	-2.2990-0.1215i	-0.7255-0.5416i	-0.3567+0.1033i	0.9557+0.6335i
41.8	-0.0469+0.1821i	53.6685+4.7640i	-1.0385-0.4200i	-0.4086+0.1248i	-2.4165-0.0544i	-0.7117-0.5290i	-0.3688+0.1201i	1.0873+0.5147i
41.9	-0.0494+0.1983i	54.3179+4.8523i	-1.0652-0.3966i	-0.4025+0.1304i	-2.3185-0.2151i	-0.7147-0.5308i	-0.3609+0.1267i	0.9568+0.5844i
42.0	-0.0612+0.1990i	54.1325+4.7332i	-1.0928-0.4159i	-0.4257+0.1214i	-2.3649-0.0555i	-0.7117-0.5405i	-0.3787+0.1103i	1.0008+0.6321i
42.1	-0.0620+0.1913i	53.7153+4.3653i	-1.0743-0.4211i	-0.4324+0.0995i	-2.4920+0.0142i	-0.6969-0.5363i	-0.3853+0.0848i	1.1002+0.6419i
42.2	-0.0361+0.1745i	54.1548+4.1124i	-1.0153-0.3945i	-0.4386+0.0647i	-2.6856-0.0752i	-0.6866-0.5208i	-0.3928+0.0529i	1.2403+0.7328i
42.3	-0.0641+0.1712i	54.5308+4.4923i	-1.0225-0.4224i	-0.4938+0.0869i	-2.7383+0.1183i	-0.6841-0.5420i	-0.4455+0.0760i	1.3546+0.6509i
42.4	-0.0951+0.2313i	54.7287+4.6665i	-1.0481-0.4090i	-0.5107+0.1828i	-2.5362+0.3264i	-0.6860-0.5566i	-0.4630+0.1686i	1.2596+0.5793i
42.5	-0.0786+0.2393i	54.4706+4.0973i	-1.0426-0.4352i	-0.4427+0.1749i	-2.5293+0.3356i	-0.7058-0.5564i	-0.3986+0.1574i	1.3535+0.7201i
42.6	-0.0623+0.2363i	54.4161+3.9222i	-1.0750-0.4358i	-0.4190+0.1660i	-2.3861+0.3514i	-0.7194-0.5517i	-0.3801+0.1491i	1.5071+0.8218i
42.7	-0.0158+0.2454i	54.2760+4.6148i	-1.0476-0.4102i	-0.4110+0.1360i	-2.5546+0.2049i	-0.7039-0.5156i	-0.3749+0.1218i	1.8068+0.7179i
42.8	0.0324+0.2402i	54.9541+4.4021i	-1.0773-0.3818i	-0.4212+0.1447i	-2.6066+0.1714i	-0.6965-0.5087i	-0.3870+0.1303i	1.9298+0.5426i
42.9	0.0083+0.2014i	55.5124+3.9435i	-1.0940-0.4001i	-0.4477+0.1257i	-2.5841+0.5082i	-0.6884-0.5365i	-0.4121+0.1078i	1.8076+0.4464i
43.0	0.0230+0.2276i	55.8027+4.3289i	-1.0779-0.4067i	-0.4658+0.0701i	-2.5763+0.4558i	-0.6847-0.5525i	-0.4328+0.0498i	2.0078+0.4300i
43.1	0.0512+0.2448i	56.3038+4.4652i	-1.0944-0.4271i	-0.5238+0.0688i	-2.5895+0.4766i	-0.7166-0.5759i	-0.4912+0.0495i	1.9793+0.2701i
43.2	0.0797+0.2491i	55.8272+4.9097i	-1.1097-0.4272i	-0.5551+0.0806i	-2.7292+0.4742i	-0.7552-0.5372i	-0.5218+0.0695i	1.9892+0.2955i
43.3	0.1013+0.2224i	55.3110+4.4706i	-1.1490-0.3942i	-0.5619+0.1137i	-2.7643+0.6018i	-0.7575-0.4887i	-0.5305+0.1008i	2.1580+0.1840i
43.4	0.1058+0.2332i	55.4437+4.4172i	-1.1923-0.3802i	-0.5800+0.1189i	-2.5585+0.5637i	-0.7422-0.4813i	-0.5497+0.1088i	2.1104+0.1952i

43.5	0.0886+0.2186i	55.8675+4.4402i	-1.1879-0.3630i	-0.6114+0.1418i	-2.6356+0.6770i	-0.7147-0.4809i	-0.5796+0.1240i	2.0754+0.0982i
43.6	0.1248+0.2424i	56.6253+4.7063i	-1.2002-0.3259i	-0.6134+0.2021i	-2.5942+0.7700i	-0.7218-0.5053i	-0.5815+0.1770i	2.0221+0.1283i
43.7	0.1878+0.2156i	56.7245+4.4060i	-1.2260-0.3290i	-0.5884+0.2151i	-2.3642+0.7579i	-0.7650-0.5072i	-0.5576+0.1881i	2.0343+0.3518i
43.8	0.2289+0.1697i	56.4680+4.6044i	-1.2327-0.3149i	-0.6338+0.1890i	-2.6102+0.7973i	-0.7558-0.4615i	-0.6072+0.1666i	2.4389+0.2953i
43.9	0.2181+0.1159i	57.0693+4.2267i	-1.2256-0.2939i	-0.6685+0.2379i	-2.6101+1.1764i	-0.7255-0.4536i	-0.6463+0.2182i	2.4859+0.0167i
44.0	0.1973+0.1122i	56.9782+4.1576i	-1.2251-0.2671i	-0.6730+0.2664i	-2.5524+1.1564i	-0.7040-0.4540i	-0.6523+0.2417i	2.6542-0.0727i
44.1	0.1803+0.0885i	57.1978+4.2024i	-1.2341-0.2612i	-0.7027+0.2921i	-2.5973+1.1918i	-0.6702-0.4721i	-0.6802+0.2599i	2.7821-0.3591i
44.2	0.2321+0.0623i	58.0893+4.8323i	-1.2748-0.2458i	-0.7159+0.3609i	-2.2838+1.5100i	-0.6812-0.5159i	-0.6950+0.3307i	2.6647-0.5331i
44.3	0.3121+0.0428i	57.7098+4.5689i	-1.2603-0.2207i	-0.6549+0.4905i	-1.6484+1.6451i	-0.7330-0.6084i	-0.6416+0.4600i	2.3262-0.8685i
44.4	0.3154-0.0424i	57.6440+4.2353i	-1.2447-0.2198i	-0.5382+0.4990i	-1.4769+1.1621i	-0.8206-0.5896i	-0.5255+0.4715i	2.0287-0.6904i
44.5	0.2616-0.1322i	58.0945+4.2052i	-1.2510-0.2448i	-0.4596+0.4033i	-1.6995+0.7240i	-0.8680-0.4991i	-0.4450+0.3806i	2.0847-0.2402i
44.6	0.2259-0.1748i	58.3389+4.3051i	-1.2644-0.2333i	-0.4489+0.3879i	-1.8267+0.5013i	-0.8550-0.4680i	-0.4344+0.3702i	2.2925-0.2157i
44.7	0.1369-0.2447i	58.7335+4.6545i	-1.3041-0.2472i	-0.4241+0.2608i	-2.0002+0.3707i	-0.8570-0.4254i	-0.4105+0.2527i	2.4795-0.2165i
44.8	0.0547-0.2314i	58.8168+4.0439i	-1.3633-0.2475i	-0.5282+0.1901i	-2.1015+0.4145i	-0.8436-0.3921i	-0.5164+0.1786i	2.6311-0.2711i
44.9	-0.0023-0.1757i	58.9562+4.3747i	-1.4133-0.2273i	-0.6075+0.2100i	-2.4368+0.5880i	-0.8062-0.3888i	-0.5918+0.1926i	2.6928-0.4302i
45.0	0.0362-0.1931i	59.2941+4.8923i	-1.4653-0.1812i	-0.6658+0.2503i	-2.5740+1.0750i	-0.8029-0.4242i	-0.6547+0.2254i	2.6975-0.6003i
45.1	0.0316-0.2208i	60.0059+4.2450i	-1.4750-0.1124i	-0.7206+0.2833i	-2.2933+1.3123i	-0.8314-0.4339i	-0.7112+0.2521i	2.5683-0.6008i
45.2	-0.0100-0.1929i	60.4418+4.6677i	-1.4708-0.0237i	-0.7985+0.4043i	-2.2295+1.3629i	-0.8477-0.4223i	-0.7847+0.3727i	2.6049-0.6016i
45.3	0.0117-0.2010i	60.2493+4.5727i	-1.4071+0.0130i	-0.6841+0.5488i	-1.8581+1.5458i	-0.8610-0.4249i	-0.6774+0.5154i	2.5814-0.5363i
45.4	-0.0027-0.2015i	60.2542+4.6773i	-1.3622-0.0485i	-0.6194+0.4468i	-2.0000+0.9955i	-0.8299-0.3882i	-0.6157+0.4141i	3.1024-0.4094i
45.5	-0.0635-0.1743i	60.1726+4.4502i	-1.4075-0.0092i	-0.6658+0.5166i	-2.1840+1.2050i	-0.8068-0.3900i	-0.6609+0.4793i	3.1829-0.8333i
45.6	-0.1197-0.1668i	60.2678+4.2386i	-1.3942-0.0080i	-0.5710+0.4641i	-1.9133+1.0681i	-0.8019-0.3504i	-0.5766+0.4289i	3.1670-0.6694i
45.7	-0.1105-0.1670i	60.8445+4.3650i	-1.4397-0.0280i	-0.6448+0.4174i	-2.0591+1.1594i	-0.7576-0.3726i	-0.6576+0.3823i	3.6934-0.9938i
45.8	-0.1109-0.2133i	61.0863+3.9776i	-1.4715+0.0439i	-0.6588+0.5252i	-1.9035+1.5913i	-0.7872-0.4551i	-0.6767+0.4938i	3.4902-1.7008i
45.9	-0.1483-0.2489i	61.6963+4.0156i	-1.4722+0.1506i	-0.6452+0.5722i	-1.4436+1.6751i	-0.8588-0.4673i	-0.6596+0.5464i	2.9722-1.8816i
46.0	-0.1929-0.1752i	61.2745+3.7406i	-1.4234+0.1545i	-0.7239+0.6415i	-1.2445+1.4543i	-0.8485-0.4531i	-0.7448+0.6159i	3.0092-1.8450i
46.1	-0.1699-0.1956i	61.2408+3.6980i	-1.4020+0.1728i	-0.5748+0.8579i	-0.9521+1.2258i	-0.9093-0.4928i	-0.6010+0.8371i	2.6928-2.0936i
46.2	-0.1781-0.2652i	61.7785+3.7604i	-1.3825+0.1407i	-0.2493+0.7307i	-1.3142+0.6197i	-0.9810-0.3974i	-0.2730+0.7124i	2.6424-1.4833i
46.3	-0.1979-0.2628i	62.2865+3.5458i	-1.4495+0.1596i	-0.3383+0.5847i	-1.8688+1.1532i	-0.8806-0.4072i	-0.3655+0.5656i	3.4140-2.0443i
46.4	-0.2902-0.3478i	62.5635+3.2903i	-1.4268+0.2364i	-0.2780+0.6549i	-1.1698+1.6562i	-0.9588-0.5143i	-0.3129+0.6445i	2.7404-3.0868i
46.5	-0.4438-0.3178i	62.8476+3.5962i	-1.3632+0.2481i	-0.1303+0.4922i	-0.6154+1.1279i	-1.1145-0.4327i	-0.1542+0.4916i	1.5926-2.6146i
46.6	-0.5042-0.1731i	62.8040+3.4473i	-1.3442+0.2289i	-0.2467+0.3235i	-0.7021+0.4734i	-1.0992-0.2978i	-0.2630+0.3218i	1.5486-1.7891i
46.7	-0.4924-0.0646i	62.7623+3.2914i	-1.3542+0.2044i	-0.3519+0.2862i	-1.0639+0.1070i	-1.0510-0.2114i	-0.3681+0.2856i	1.9482-1.3530i
46.8	-0.4707-0.0430i	63.1221+3.7921i	-1.3917+0.1889i	-0.4333+0.3104i	-1.4719+0.1975i	-0.9851-0.2107i	-0.4473+0.3067i	2.5325-1.4001i
46.9	-0.4359-0.0522i	63.9437+3.3594i	-1.4264+0.2254i	-0.4650+0.3947i	-1.5648+0.4887i	-0.9612-0.2687i	-0.4920+0.3932i	2.7407-1.9675i
47.0	-0.4920-0.0421i	64.0808+2.9278i	-1.4121+0.2551i	-0.3618+0.3350i	-1.1573+0.2801i	-1.0572-0.2466i	-0.3934+0.3479i	2.1077-2.0158i
47.1	-0.5839+0.0504i	63.9408+3.5182i	-1.4059+0.2194i	-0.4437+0.1428i	-1.5243-0.3864i	-1.0812-0.1331i	-0.4676+0.1539i	1.9437-1.3873i
47.2	-0.5205+0.1257i	64.3570+4.2448i	-1.4571+0.1982i	-0.6382+0.1639i	-2.3253-0.2455i	-1.0051-0.0841i	-0.6598+0.1688i	2.3994-1.1529i
47.3	-0.4418+0.1601i	65.1378+3.5911i	-1.4995+0.2623i	-0.7157+0.2936i	-2.6839+0.2761i	-0.9493-0.1028i	-0.7361+0.2839i	2.7610-1.4208i
47.4	-0.3880+0.1505i	65.9380+2.7633i	-1.5061+0.3553i	-0.7172+0.4543i	-2.6569+0.9057i	-0.9239-0.1282i	-0.7361+0.4399i	2.9382-1.8572i
47.5	-0.4004+0.1090i	65.8972+2.7665i	-1.4872+0.4099i	-0.6714+0.5559i	-2.4595+1.4914i	-0.9053-0.1705i	-0.6946+0.5472i	2.9787-2.4517i
47.6	-0.4492+0.1243i	65.3392+2.9689i	-1.4416+0.4668i	-0.5266+0.6057i	-1.7009+1.8948i	-0.9467-0.2128i	-0.5616+0.6154i	2.2279-3.0087i
47.7	-0.4650+0.1406i	65.4543+3.0362i	-1.3613+0.4971i	-0.3635+0.5281i	-0.8587+1.5374i	-1.0247-0.1739i	-0.3978+0.5416i	1.3371-2.6208i
47.8	-0.4553+0.1605i	66.1135+3.2552i	-1.2621+0.4385i	-0.3280+0.3316i	-0.7018+0.7214i	-1.0251-0.0906i	-0.3451+0.3333i	1.3134-1.5488i
47.9	-0.4510+0.2161i	66.7741+2.6678i	-1.3075+0.3431i	-0.5111+0.2144i	-1.1511+0.2411i	-0.9566-0.0508i	-0.5378+0.2151i	2.1386-1.3064i
48.0	-0.4772+0.2562i	67.1073+2.6094i	-1.3643+0.3830i	-0.5412+0.2737i	-1.0464+0.1281i	-0.9907-0.0712i	-0.5731+0.2831i	1.8503-1.7384i
48.1	-0.4422+0.3019i	67.8009+2.9407i	-1.3681+0.3673i	-0.6522+0.1947i	-1.5997-0.3463i	-0.9605-0.0053i	-0.6746+0.2044i	2.1174-1.1252i
48.2	-0.3916+0.2922i	68.2388+3.0576i	-1.4053+0.3909i	-0.7787+0.3675i	-2.0082+0.1080i	-0.9046-0.0766i	-0.8053+0.3719i	2.6077-1.6431i
48.3	-0.4052+0.2833i	68.0945+2.9295i	-1.3995+0.3963i	-0.7053+0.4555i	-2.0430+0.2301i	-0.9493-0.1009i	-0.7347+0.4580i	2.3974-1.7979i
48.4	-0.4222+0.2601i	68.5177+3.1181i	-1.4031+0.3717i	-0.5989+0.4268i	-1.9622+0.3322i	-0.9913-0.0795i	-0.6375+0.4248i	2.3163-1.6188i
48.5	-0.4521+0.2688i	68.8682+3.1149i	-1.4484+0.3785i	-0.6260+0.3401i	-2.0551+0.3692i	-0.9779-0.0423i	-0.6607+0.3458i	2.4538-1.6492i
48.6	-0.4793+0.3422i	69.5618+2.1792i	-1.4735+0.4463i	-0.6951+0.3669i	-1.8898+0.5261i	-0.9779-0.0375i	-0.7256+0.3813i	2.1556-1.9036i
48.7	-0.4581+0.3438i	70.1420+2.2497i	-1.4551+0.5042i	-0.6180+0.4718i	-1.7438+0.6948i	-1.0208-0.0560i	-0.6476+0.4911i	1.7404-1.8723i
48.8	-0.4854+0.3587i	70.9750+2.5641i	-1.3947+0.4975i	-0.4840+0.3360i	-1.1970+0.4726i	-1.0728+0.0077i	-0.5049+0.3559i	1.4851-1.2346i
48.9	-0.4959+0.3788i	70.5497+3.0382i	-1.3876+0.4123i	-0.5986+0.1660i	-1.1584-0.1471i	-1.0339+0.0652i	-0.6220+0.1790i	1.9239-0.5893i
49.0	-0.4732+0.4368i	70.6242+2.7454i	-1.4550+0.3471i	-0.7434+0.0552i	-1.5950-0.6590i	-1.0028+0.1185i	-0.7747+0.0595i	2.5902-0.2298i
49.1	-0.4903+0.4573i	71.9601+2.7023i	-1.5520+0.3488i	-0.9036+0.0686i	-2.1766-0.7064i	-0.9747+0.1453i	-0.9461+0.0787i	3.2876-0.2806i
49.2	-0.4708+0.5031i	72.2546+2.2042i	-1.6486+0.3805i	-1.0924+0.1506i	-2.8127-0.5022i	-0.8973+0.1440i	-1.1396+0.1556i	4.0382-0.7224i
49.3	-0.4620+0.5506i	73.5346+1.2996i	-1.7497+0.4657i	-1.2176+0.2996i	-3.1184+0.0573i	-0.8680+0.1141i	-1.2688+0.3151i	4.3482-1.5511i
49.4	-0.4605+0.5699i	74.1460+0.7467i	-1.7180+0.5823i	-1.0848+0.4379i	-2.3578+0.6781i	-0.9519+0.0643i	-1.1291+0.4550i	3.4817-1.9514i
49.5	-0.4189+0.6024i	74.0433+1.0073i	-1.6716+0.5820i	-1.1118+0.4208i	-2.0906+0.1819i	-0.9614+0.1031i	-1.1603+0.4301i	3.3823-1.2390i
49.6	-0.4028+0.6275i	73.7395+1.3736i	-1.7046+0.5586i	-1.1603+0.4729i	-2.4198+0.0016i	-0.9150+0.0986i	-1.2163+0.4801i	4.0363-1.2214i
49.7	-0.4113+0.6762i	75.6855+1.4590i	-1.8042+0.6017i	-1.1980+0.5568i	-2.6938+0.2228i	-0.9274+0.0734i	-1.2640+0.5773i	4.3773-1.8262i

49.8	-0.3843+0.7027i	77.3835+1.2562i	-1.8477+0.7298i	-1.1144+0.6861i	-2.1481+0.5407i	-1.0065+0.0404i	-1.1810+0.7145i	3.7296-2.3188i
49.9	-0.3684+0.7071i	76.8679+0.4887i	-1.8008+0.7122i	-1.0442+0.4751i	-1.7681-0.2708i	-1.0806+0.1357i	-1.1046+0.5082i	3.4812-1.5053i
50.0	-0.3566+0.7379i	76.6837-0.0865i	-1.8566+0.7091i	-1.2733+0.4342i	-2.5166-0.6025i	-1.0049+0.2224i	-1.3403+0.4684i	4.3332-1.2977i
50.1	-0.3007+0.7620i	77.7448+0.0138i	-1.9340+0.8470i	-1.3446+0.6543i	-2.8206-0.0154i	-0.9713+0.1894i	-1.4149+0.6968i	4.6040-2.0619i
50.2	-0.2662+0.7289i	78.3344-0.6739i	-1.8907+0.9923i	-1.2268+0.8089i	-2.4097+0.3104i	-1.0379+0.1695i	-1.2922+0.8524i	4.1408-2.2541i
50.3	-0.2918+0.6998i	77.6492-1.2155i	-1.7764+0.9798i	-1.0881+0.6752i	-2.0304-0.3033i	-1.0789+0.2711i	-1.1564+0.7120i	4.0582-1.5675i
50.4	-0.3536+0.7695i	78.0779-0.7081i	-1.8114+0.8855i	-1.3116+0.4594i	-2.5498-1.0843i	-0.9780+0.3724i	-1.3910+0.4901i	5.2181-1.0412i
50.5	-0.3118+0.8055i	79.0339-0.3127i	-1.9437+0.9174i	-1.5914+0.7016i	-3.2820-0.7610i	-0.9000+0.2793i	-1.6861+0.7428i	6.2024-1.9379i
50.6	-0.3403+0.7879i	79.9872-2.0204i	-1.9306+1.0267i	-1.3224+0.9354i	-2.9210-0.6188i	-1.0498+0.2694i	-1.4284+0.9956i	5.6459-2.6461i
50.7	-0.3236+0.8979i	80.7116-3.2583i	-1.9868+1.0825i	-1.3083+0.8002i	-3.4346-1.1443i	-1.0566+0.4239i	-1.4163+0.8768i	6.0893-2.4969i
50.8	-0.2809+0.8773i	79.8352-3.1328i	-2.0232+1.1068i	-1.4075+0.7674i	-4.1263-0.8749i	-0.9502+0.4418i	-1.5050+0.8448i	6.6052-3.0905i
50.9	-0.2775+0.9069i	80.7479-3.6212i	-2.0952+1.2328i	-1.4817+0.7835i	-4.2274-0.5764i	-0.9505+0.4593i	-1.5716+0.8789i	6.3869-3.7681i
51.0	-0.2429+1.0061i	81.5169-3.6912i	-2.1210+1.3058i	-1.6459+0.6940i	-4.6434-1.0631i	-0.9417+0.5640i	-1.7245+0.7970i	6.4856-3.5398i
51.1	-0.2207+1.0286i	83.2675-4.8506i	-2.2185+1.4680i	-1.9289+0.9085i	-5.8366-0.2503i	-0.8265+0.6023i	-2.0071+1.0197i	7.4168-4.4928i
51.2	-0.2775+1.1065i	84.1119-5.9913i	-2.1838+1.6796i	-1.8824+1.2330i	-5.2357+1.1705i	-0.8275+0.5343i	-1.9571+1.3443i	6.6696-5.6030i
51.3	-0.2188+1.2109i	82.9462-6.8005i	-2.0464+1.7877i	-1.7116+1.3095i	-4.2546+1.1330i	-0.8349+0.5407i	-1.7863+1.4252i	5.8030-5.6048i
51.4	-0.2275+1.3054i	82.9617-6.9232i	-1.9415+1.7569i	-1.6931+1.0152i	-3.8079-0.1910i	-0.8554+0.6822i	-1.7736+1.1349i	5.5163-4.5215i
51.5	-0.0878+1.4229i	83.3679-6.8250i	-2.0705+1.7266i	-2.3158+1.0378i	-5.7050-0.7494i	-0.6211+0.7592i	-2.3968+1.1507i	7.3609-4.2869i
51.6	0.0959+1.4113i	84.0951-7.5785i	-2.1581+1.9780i	-2.5489+1.7043i	-6.6612+0.7263i	-0.4952+0.6111i	-2.6218+1.8238i	8.0129-6.1441i
51.7	0.1942+1.3480i	84.9481-8.7853i	-2.0437+2.1985i	-2.1793+2.0647i	-6.4932+1.2659i	-0.5994+0.6062i	-2.2437+2.1909i	7.2683-6.7920i
51.8	0.1919+1.3642i	85.2233-8.9659i	-1.9656+2.2011i	-2.0822+1.9765i	-6.5453+1.2851i	-0.5572+0.6741i	-2.1607+2.0997i	7.6101-6.5241i
51.9	0.2217+1.4225i	85.4970-10.8009i	-1.9884+2.3364i	-2.2458+2.2325i	-7.1291+2.5944i	-0.4091+0.6099i	-2.3222+2.3791i	8.1861-8.3898i
52.0	0.3414+1.6247i	86.5195-11.3969i	-1.9843+2.6262i	-2.1647+2.7488i	-6.5027+4.1230i	-0.4233+0.4681i	-2.2266+2.9195i	7.0318-10.3300i
52.1	0.6311+1.6020i	86.9691-12.6480i	-1.7400+2.8265i	-1.7536+2.9382i	-5.4364+4.0696i	-0.5271+0.4610i	-1.8001+3.1134i	5.5338-10.1341i
52.2	0.8325+1.4825i	86.0624-14.9153i	-1.4276+2.9942i	-1.3218+3.1270i	-4.3230+4.2586i	-0.5811+0.4592i	-1.3604+3.2959i	4.3247-9.8383i
52.3	0.9124+1.3008i	84.9680-14.6187i	-1.1896+2.7879i	-1.1135+2.6592i	-4.1954+2.6341i	-0.5849+0.6270i	-1.1677+2.8244i	5.0238-8.2701i
52.4	0.8899+1.1486i	86.4728-13.9341i	-1.2709+2.6948i	-1.3731+2.6066i	-5.5978+2.8883i	-0.4891+0.6630i	-1.4410+2.7964i	6.6064-9.6748i
52.5	0.6765+1.1936i	87.2581-15.7290i	-1.2721+2.8436i	-1.2244+2.8795i	-4.7116+4.3689i	-0.5199+0.6040i	-1.2785+3.0913i	5.0112-11.6644i
52.6	0.6261+1.3424i	84.6161-17.5501i	-1.0871+2.8722i	-1.0702+2.7038i	-3.6164+3.5753i	-0.4903+0.6763i	-1.1022+2.9249i	3.5083-11.0056i
52.7	0.8496+1.5721i	83.5448-17.2185i	-1.1111+2.7951i	-1.6286+2.6608i	-5.3005+2.5463i	-0.2369+0.7517i	-1.6467+2.8833i	4.7594-10.2578i
52.8	1.2995+1.5152i	84.8562-18.8615i	-1.0551+3.1353i	-1.5788+3.5669i	-5.8912+4.6161i	-0.1330+0.5554i	-1.5814+3.8024i	4.5339-12.7745i
52.9	1.5271+1.3511i	83.4909-20.3157i	-0.7130+3.3018i	-0.8599+3.8782i	-4.2722+5.4152i	-0.2704+0.4724i	-0.8436+4.1177i	2.1948-13.5515i
53.0	1.8720+1.2134i	82.6257-20.2679i	-0.4464+3.3591i	-0.3955+3.9498i	-3.4529+5.0619i	-0.3520+0.4471i	-0.3628+4.1873i	0.8409-13.0292i
53.1	1.9998+0.7809i	82.4831-19.3766i	-0.1714+3.2835i	0.1096+3.8652i	-2.9036+4.6782i	-0.4970+0.4351i	0.1474+4.1003i	0.0240-12.4539i
53.2	1.7631+0.3721i	81.2937-19.0083i	0.0889+3.0507i	0.5621+3.4351i	-2.3713+3.6229i	-0.6118+0.6115i	0.6069+3.6711i	-0.6628-11.1924i
53.3	1.4394+0.3041i	80.1832-18.8638i	0.0528+2.7811i	0.4258+2.8538i	-3.7374+2.8888i	-0.4312+0.8871i	0.4823+3.0980i	0.1679-10.5338i
53.4	1.3771+0.6561i	79.8481-18.8040i	-0.0691+2.8329i	-0.0138+2.8640i	-4.4200+4.5201i	-0.0405+0.8685i	0.0724+3.1083i	0.1507-11.6612i
53.5	1.7915+0.5753i	79.5769-17.3942i	0.1359+2.7998i	0.2150+2.8544i	-3.1115+3.8665i	-0.0589+0.6901i	0.3066+3.0723i	-1.1154-10.4570i
53.6	1.9269+0.1307i	79.3232-15.9855i	0.1978+2.5404i	0.0521+2.5148i	-3.7357+2.2280i	-0.0709+0.7494i	0.1410+2.7133i	-0.2082-8.8619i
53.7	1.7516-0.1456i	79.9779-16.3007i	0.0850+2.5106i	-0.1201+2.7068i	-5.6062+2.7418i	0.0704+0.7789i	-0.0297+2.9135i	1.0128-9.7762i
53.8	1.6038-0.1691i	80.9284-17.1619i	0.0272+2.6424i	-0.3644+2.9385i	-6.6905+4.7083i	0.3263+0.7036i	-0.2506+3.1485i	1.4574-11.1695i
53.9	1.5936-0.2766i	80.5768-17.0819i	0.1995+2.7652i	-0.0941+3.3740i	-5.3828+6.5258i	0.3408+0.4447i	0.0224+3.5757i	0.2246-12.4215i
54.0	1.5573-0.3802i	79.8241-16.4079i	0.3024+2.7296i	0.1130+3.4565i	-4.3777+6.7780i	0.3268+0.3125i	0.2318+3.6575i	-0.7230-12.6632i
54.1	1.5591-0.4810i	79.5227-16.7707i	0.4565+2.6365i	0.3971+3.3298i	-3.8186+6.1747i	0.2716+0.2973i	0.5211+3.5224i	-1.3536-11.7656i
54.2	1.4963-0.8931i	80.5983-17.2021i	0.3800+2.6069i	0.1132+3.4462i	-5.4894+7.3826i	0.4798+0.1481i	0.2426+3.6441i	0.0297-13.0221i
54.3	1.1386-1.1115i	80.7977-17.6597i	0.5512+2.7109i	0.5425+3.7550i	-3.8247+8.9896i	0.3190-0.0244i	0.6813+3.9494i	-2.0574-14.2622i
54.4	0.8112-1.1831i	80.3435-17.2081i	0.7680+2.6416i	1.0420+3.6814i	-1.9309+8.8769i	0.1408-0.0413i	1.1869+3.8604i	-3.9757-13.6876i
54.5	0.5526-1.2207i	80.5837-16.6411i	0.9520+2.5142i	1.5000+3.4475i	-0.4642+8.1297i	-0.0457+0.0115i	1.6528+3.6196i	-5.4495-12.7536i
54.6	0.2070-1.0563i	80.9145-15.3177i	0.9592+2.1603i	1.5491+2.6816i	-0.5284+5.8790i	-0.0224+0.2986i	1.6934+2.8587i	-5.2303-10.5303i
54.7	-0.0058-0.8271i	81.6628-14.3207i	0.7029+1.9645i	0.9787+2.2962i	-2.3501+5.1325i	0.2761+0.4091i	1.1275+2.4753i	-3.5321-9.9983i
54.8	-0.0322-0.6543i	81.6577-15.3938i	0.6104+2.1601i	0.6637+2.8040i	-2.7449+7.2952i	0.4808+0.0907i	0.8379+2.9633i	-3.7264-11.4292i
54.9	0.0009-0.6150i	81.2997-15.3878i	0.8287+2.2785i	1.1523+3.1899i	-0.4250+8.3090i	0.2737-0.1906i	1.3243+3.3310i	-5.6018-11.7485i
55.0	-0.0419-0.5755i	80.8823-14.6641i	0.9148+2.1670i	1.3721+3.0136i	0.4606+7.5540i	0.1569-0.1829i	1.5374+3.1518i	-6.1199-10.8786i
55.1	-0.1019-0.3267i	82.4778-13.4336i	0.8778+2.0673i	1.3586+2.9099i	0.7119+6.7248i	0.1314-0.2188i	1.5239+3.0425i	-6.2074-10.4849i
55.2	-0.1667-0.2300i	83.7536-13.0809i	0.9219+2.0344i	1.5166+2.8439i	0.8375+6.3918i	0.0717-0.2493i	1.6913+2.9843i	-6.9735-10.1948i
55.3	-0.1532-0.2644i	83.5100-13.3090i	1.0045+1.8840i	1.6519+2.5012i	1.1165+5.4723i	-0.0008-0.1638i	1.8295+2.6314i	-7.2509-8.8612i
55.4	-0.1887-0.2278i	85.8129-13.3275i	0.9030+1.8601i	1.2965+2.3794i	-0.0635+5.0997i	0.1190-0.0835i	1.4719+2.5024i	-6.2407-8.1957i
55.5	-0.3219-0.1452i	85.7745-12.3617i	0.7948+1.9115i	1.0882+2.6813i	-0.5893+6.2325i	0.2060-0.2321i	1.2532+2.7957i	-5.5737-8.9755i
55.6	-0.4308-0.0523i	86.3184-12.6976i	0.9806+1.9016i	1.5885+2.7903i	1.0103+6.5782i	0.0407-0.3558i	1.7513+2.9036i	-6.8506-9.1415i
55.7	-0.4613+0.0960i	87.5314-13.2222i	1.0674+1.7990i	1.7889+2.5056i	1.6368+5.7548i	-0.0303-0.2879i	1.9569+2.6189i	-7.4909-8.2331i
55.8	-0.5282+0.3503i	90.0667-12.8460i	1.0733+1.7455i	1.7895+2.2656i	1.7573+5.0287i	-0.0426-0.2005i	1.9611+2.3791i	-7.6486-7.5526i
55.9	-0.5644+0.4791i	90.7315-12.3425i	1.0331+1.6385i	1.6552+2.0148i	1.4076+4.3090i	-0.0087-0.1227i	1.8244+2.1266i	-7.2182-6.8381i
56.0	-0.5111+0.6907i	91.3950-13.6425i	0.8226+1.6134i	1.0495+2.1049i	-0.0992+4.5592i	0.2176-0.1945i	1.2307+2.2072i	-5.7836-6.8585i

56.1	-0.1801+0.7766i	92.6703-14.7957i	0.9033+1.8544i	1.2475+2.8364i	0.5103+6.3032i	0.1933-0.5219i	1.4278+2.9336i	-6.3052-8.3717i
56.2	-0.0907+0.7200i	92.8787-15.6779i	1.0846+1.7810i	1.7523+2.7126i	1.9022+5.9146i	-0.0185-0.5279i	1.9267+2.8046i	-7.4513-7.7887i
56.3	-0.1560+0.8014i	93.6600-13.3276i	1.0265+1.6684i	1.7369+2.3792i	1.9432+4.9629i	-0.0707-0.4097i	1.9040+2.4786i	-7.3011-7.0186i
56.4	-0.1465+0.9015i	94.3100-13.0273i	1.0197+1.6088i	1.7176+2.2269i	1.9364+4.4804i	-0.0701-0.3733i	1.8876+2.3274i	-7.2337-6.6392i
56.5	-0.0891+0.9497i	95.6890-12.5740i	1.0463+1.5684i	1.7320+2.1527i	1.9377+4.2114i	-0.0737-0.3770i	1.9028+2.2540i	-7.1852-6.4843i
56.6	-0.0100+1.0238i	97.0139-12.7582i	1.0245+1.5318i	1.6636+2.0670i	1.8557+3.8653i	-0.0580-0.3624i	1.8364+2.1681i	-7.0710-6.1851i
56.7	0.0816+1.1057i	98.3250-13.3095i	1.0129+1.5098i	1.6298+2.0257i	1.8062+3.6269i	-0.0705-0.3705i	1.8033+2.1323i	-7.0119-5.9648i
56.8	0.1564+1.1839i	99.6624-14.1807i	1.0323+1.4908i	1.6317+2.0343i	1.7939+3.4423i	-0.0689-0.4126i	1.7992+2.1329i	-7.0102-5.7413i
56.9	0.3497+1.2536i	100.7100-14.4668i	0.9874+1.4802i	1.4836+1.9812i	1.5223+3.0596i	-0.0284-0.3960i	1.6574+2.0798i	-6.7574-5.3698i
57.0	0.4059+1.4092i	100.8541-14.9485i	0.9574+1.4324i	1.3426+1.8965i	1.1409+2.7393i	0.0314-0.3865i	1.5165+1.9919i	-6.3335-5.0848i
57.1	0.5504+1.6329i	102.2337-16.4449i	0.8009+1.4451i	0.8468+1.9990i	-0.4784+3.0155i	0.2118-0.4483i	1.0336+2.0872i	-5.2930-5.1976i
57.2	0.8459+1.5942i	103.6150-17.7266i	0.8541+1.6494i	0.9460+2.5407i	-0.2763+4.3517i	0.1812-0.6495i	1.1361+2.6206i	-5.5131-6.1155i
57.3	1.0708+1.4119i	105.6255-17.1782i	1.0707+1.7636i	1.4984+2.8852i	1.2011+5.0199i	-0.0270-0.8073i	1.6776+2.9696i	-6.5520-6.8161i
57.4	1.1634+1.2410i	106.1885-17.0948i	1.1597+1.6890i	1.6850+2.7880i	1.5796+4.5028i	-0.1220-0.8062i	1.8572+2.8758i	-6.7446-6.5036i
57.5	1.2434+1.1079i	105.5531-18.2597i	1.1650+1.5778i	1.7510+2.6282i	1.6431+3.9192i	-0.1933-0.7725i	1.9231+2.7094i	-6.8242-5.9416i
57.6	1.3162+1.0972i	107.3732-19.0674i	1.2092+1.5174i	1.8612+2.5606i	1.7425+3.6628i	-0.2523-0.7719i	2.0381+2.6403i	-7.0687-5.8364i
57.7	1.4171+1.0614i	108.7966-18.7879i	1.2515+1.4949i	1.9440+2.5604i	1.7063+3.4464i	-0.2759-0.7747i	2.1277+2.6493i	-7.1279-5.8022i
57.8	1.4572+0.9554i	110.2810-20.0236i	1.2714+1.4401i	2.0164+2.4838i	1.6228+3.2189i	-0.3100-0.7530i	2.2089+2.5766i	-7.2575-5.5698i
57.9	1.4717+0.9526i	111.2412-19.6444i	1.2742+1.3938i	2.0390+2.4213i	1.5495+3.1571i	-0.3237-0.7266i	2.2306+2.5100i	-7.2363-5.4184i
58.0	1.5737+0.8671i	111.2051-20.6456i	1.2526+1.3181i	2.0314+2.3388i	1.5555+2.9347i	-0.3431-0.7100i	2.2219+2.4254i	-7.2463-5.1415i
58.1	1.6841+0.7055i	112.2905-21.2912i	1.2502+1.2567i	2.0580+2.2872i	1.4102+2.7223i	-0.3594-0.7105i	2.2536+2.3720i	-7.1666-4.8895i
58.2	1.5900+0.6340i	112.9023-21.4566i	1.2362+1.2178i	2.0677+2.2209i	1.2224+2.6464i	-0.3606-0.6936i	2.2633+2.3026i	-7.0358-4.8219i
58.3	1.5215+0.7865i	114.9892-23.9453i	1.2515+1.1428i	2.0811+2.0775i	1.2006+2.5328i	-0.3563-0.6507i	2.2836+2.1614i	-7.1695-4.6008i
58.4	1.7061+0.9063i	117.0858-23.0571i	1.1824+1.1042i	1.9038+1.9989i	0.8447+2.3718i	-0.2828-0.6095i	2.1124+2.0929i	-6.8687-4.5515i
58.5	1.9514+0.7706i	117.7855-23.7680i	1.1035+1.1765i	1.7474+2.2932i	0.5470+2.9323i	-0.2305-0.7559i	1.9572+2.3810i	-6.6556-5.0227i
58.6	2.0284+0.5590i	118.5076-25.4793i	1.1474+1.2196i	1.9504+2.4656i	0.9765+3.1229i	-0.3262-0.8561i	2.1640+2.5455i	-7.1399-5.0225i
58.7	2.1018+0.4981i	120.3551-25.9250i	1.1519+1.1862i	2.0388+2.3861i	1.1627+2.8426i	-0.3614-0.8388i	2.2570+2.4645i	-7.4542-4.6593i
58.8	2.1971+0.4230i	122.5856-25.8476i	1.1135+1.1953i	1.9719+2.4141i	1.0155+2.7130i	-0.3298-0.8555i	2.1976+2.4884i	-7.3654-4.4803i
58.9	2.1489+0.2221i	121.7828-24.1800i	1.0759+1.1810i	1.9883+2.3890i	0.9621+2.4716i	-0.3532-0.8306i	2.2034+2.4723i	-7.0763-4.3942i
59.0	2.2487-0.1129i	123.4936-27.3328i	1.1056+1.2026i	2.0623+2.5155i	0.9163+2.5116i	-0.3781-0.9156i	2.2784+2.5833i	-7.0966-4.2341i
59.1	2.2120-0.1916i	125.5631-28.0082i	1.1126+1.2256i	2.0877+2.5688i	0.8297+2.5157i	-0.4009-0.9367i	2.3062+2.6293i	-7.0731-4.2237i
59.2	2.2422-0.2172i	127.4614-28.5569i	1.1271+1.2568i	2.1266+2.6099i	0.7876+2.5091i	-0.3976-0.9598i	2.3481+2.6677i	-7.0722-4.2449i
59.3	2.1628-0.2778i	129.2744-28.1332i	1.1297+1.2639i	2.2196+2.6513i	0.8144+2.4686i	-0.4480-0.9854i	2.4394+2.7196i	-7.0199-4.3102i
59.4	2.1240-0.3859i	130.5843-30.8039i	1.1419+1.2637i	2.2816+2.6842i	0.6643+2.4988i	-0.4632-1.0132i	2.5068+2.7471i	-6.9885-4.1461i
59.5	2.1493-0.4634i	132.8824-31.4877i	1.1859+1.3082i	2.3689+2.7937i	0.6354+2.5823i	-0.4978-1.0706i	2.6009+2.8543i	-7.0648-4.2446i
59.6	2.1162-0.5064i	136.1431-31.7960i	1.2183+1.3329i	2.4499+2.8752i	0.6558+2.6072i	-0.5336-1.1201i	2.6819+2.9401i	-7.1064-4.3725i
59.7	2.1575-0.6822i	138.2858-34.1890i	1.2584+1.3780i	2.5732+3.0087i	0.6553+2.6823i	-0.5777-1.1887i	2.8075+3.0699i	-7.1594-4.3493i
59.8	2.1629-0.7838i	140.6668-37.2460i	1.3011+1.3522i	2.6946+3.0079i	0.6339+2.6078i	-0.6158-1.2143i	2.9337+3.0652i	-7.2983-4.2217i
59.9	2.1311-0.8740i	142.3120-38.5363i	1.3327+1.3695i	2.7651+3.0763i	0.6141+2.6381i	-0.6556-1.2639i	3.0035+3.1304i	-7.3273-4.2601i
60.0	2.1174-0.9974i	144.2114-38.9583i	1.3714+1.3980i	2.8771+3.1664i	0.6219+2.6577i	-0.6888-1.3080i	3.1131+3.2155i	-7.2536-4.3033i
60.1	2.0787-1.1534i	149.0677-42.4965i	1.4610+1.4224i	3.1322+3.2592i	0.5385+2.7253i	-0.7728-1.3760i	3.3790+3.3042i	-7.5373-4.3373i
60.2	2.0038-1.3213i	152.6893-44.4778i	1.5243+1.4675i	3.3019+3.3947i	0.5034+2.7776i	-0.8336-1.4463i	3.5543+3.4432i	-7.7267-4.4203i
60.3	1.9061-1.4103i	152.9682-47.5627i	1.5644+1.4487i	3.4190+3.3999i	0.5108+2.8013i	-0.8906-1.4939i	3.6682+3.4460i	-7.7120-4.3574i
60.4	1.6704-1.5181i	152.9565-49.7448i	1.6248+1.4117i	3.6333+3.3648i	0.5312+2.8298i	-1.0063-1.5266i	3.8875+3.4067i	-7.7185-4.3095i
60.5	1.5674-1.5970i	157.5296-52.9660i	1.7256+1.4695i	3.8853+3.5658i	0.4557+2.9985i	-1.0892-1.6362i	4.1388+3.6012i	-7.8975-4.4237i
60.6	1.4635-1.5127i	159.6088-53.3187i	1.7694+1.4582i	4.0780+3.5868i	0.4432+2.9550i	-1.1779-1.6575i	4.3353+3.6332i	-7.9114-4.4904i
60.7	1.3400-1.3192i	160.5719-58.2975i	1.8362+1.3187i	4.3334+3.2512i	0.5357+2.7540i	-1.3250-1.5327i	4.5978+3.2958i	-8.1776-4.2009i
60.8	1.3943-1.2979i	162.3253-60.3983i	1.9142+1.2942i	4.5322+3.2307i	0.6087+2.8190i	-1.4210-1.5441i	4.7986+3.2683i	-8.2450-4.1750i
60.9	1.5416-1.3730i	165.2606-61.1702i	1.9524+1.2896i	4.6926+3.2955i	0.5987+2.8118i	-1.4907-1.5868i	4.9604+3.3389i	-8.2392-4.3842i
61.0	1.4720-1.4855i	165.1138-62.7652i	1.9755+1.2288i	4.8831+3.2307i	0.6737+2.7735i	-1.5892-1.5616i	5.1394+3.2769i	-8.2001-4.4102i
61.1	1.4432-1.6481i	167.9131-66.3191i	2.0362+1.2168i	5.1098+3.2278i	0.6507+2.8750i	-1.6902-1.5867i	5.3718+3.2669i	-8.3736-4.4983i
61.2	1.3852-1.7744i	168.5920-70.2948i	2.0857+1.1585i	5.3252+3.1402i	0.6729+2.9390i	-1.7872-1.5823i	5.5892+3.1725i	-8.4971-4.3498i
61.3	1.2786-1.9191i	172.7303-78.2042i	2.2280+1.0994i	5.7821+3.0515i	0.7816+2.9822i	-1.9773-1.5806i	6.0642+3.0816i	-9.0512-4.3162i
61.4	1.1835-1.8910i	173.4701-77.4490i	2.2273+1.0777i	5.8219+2.9968i	0.7684+2.8419i	-2.0078-1.5609i	6.1056+3.0413i	-9.0388-4.4359i
61.5	1.0406-1.9800i	176.8526-78.3591i	2.2841+1.0536i	6.1525+3.0310i	0.8919+2.8839i	-2.1765-1.5957i	6.4331+3.0814i	-9.1271-4.5679i
61.6	0.9295-2.0622i	179.9517-85.9593i	2.3831+0.9601i	6.5175+2.8077i	0.8984+2.8986i	-2.3289-1.5317i	6.8068+2.8516i	-9.5068-4.4263i
61.7	0.8363-2.0488i	179.0081-91.3339i	2.3892+0.8534i	6.6425+2.5315i	0.8997+2.7660i	-2.3841-1.4318i	6.9374+2.5690i	-9.6476-4.1511i
61.8	0.7285-2.0589i	178.1983-95.4328i	2.4122+0.7786i	6.8126+2.3203i	0.8959+2.6754i	-2.4687-1.3689i	7.1088+2.3545i	-9.7413-3.9802i
61.9	0.5787-2.1412i	179.0737-104.4185i	2.5303+0.6580i	7.2931+2.0027i	1.0166+2.7163i	-2.6874-1.2876i	7.5974+2.0354i	-10.1009-3.8321i
62.0	0.3900-2.1794i	179.2701-114.0102i	2.6296+0.5190i	7.7621+1.5971i	1.1031+2.7127i	-2.9000-1.1529i	8.0753+1.6206i	-10.5498-3.4922i
62.1	0.3184-2.1931i	185.6990-114.5063i	2.6638+0.5226i	7.9855+1.6184i	1.0050+2.6727i	-3.0030-1.1547i	8.3061+1.6508i	-10.7835-3.6433i
62.2	0.1897-2.1343i	184.9494-118.0856i	2.6352+0.4419i	8.0151+1.2536i	0.8977+2.5355i	-3.0381-1.0208i	8.3410+1.2852i	-10.8399-3.5052i
62.3	0.0813-2.0885i	185.3376-121.7212i	2.6777+0.3247i	8.2326+0.9364i	0.8946+2.4111i	-3.1304-0.9360i	8.5572+0.9665i	-10.9794-3.5078i

62.4	-0.0840-2.0495i	185.5116-129.6513i	2.6828+0.1661i	8.4650+0.4491i	0.7711+2.3554i	-3.2379-0.7764i	8.8006+0.4761i	-11.1875-3.1646i
62.5	-0.2173-1.9553i	186.1229-133.8859i	2.6820+0.0495i	8.6674+0.0671i	0.7253+2.3150i	-3.3423-0.6350i	9.0170+0.0978i	-11.3996-3.0596i
62.6	-0.3115-1.9192i	183.0125-144.0529i	2.6774-0.0771i	8.7578-0.3805i	0.5842+2.4271i	-3.4065-0.4716i	9.1225-0.3723i	-11.6448-2.5805i
62.7	-0.4228-1.8805i	181.9919-153.4336i	2.6825-0.1813i	8.9182-0.8689i	0.5086+2.5241i	-3.4727-0.3093i	9.2867-0.8626i	-11.8571-2.2932i
62.8	-0.4990-1.8275i	184.6627-161.2932i	2.6747-0.3064i	9.1861-1.4316i	0.4865+2.5310i	-3.6139-0.1249i	9.5736-1.4272i	-12.2711-2.1503i
62.9	-0.5524-1.7516i	185.1627-168.4923i	2.6702-0.3919i	9.3958-1.7344i	0.4852+2.6276i	-3.7377-0.0392i	9.7958-1.7337i	-12.5560-2.0927i
63.0	-0.6470-1.5990i	178.7647-175.7313i	2.5656-0.5372i	9.1821-2.3629i	0.3786+2.5339i	-3.7066+0.2153i	9.5869-2.3766i	-12.6217-1.5026i
63.1	-0.7700-1.5516i	174.1857-187.6555i	2.5340-0.6886i	9.2746-3.0882i	0.3199+2.7986i	-3.7827+0.4604i	9.6907-3.1304i	-12.8293-0.9875i
63.2	-0.8539-1.5257i	173.6367-199.0443i	2.5520-0.8220i	9.4863-3.7487i	0.3695+2.8889i	-3.9097+0.6717i	9.9233-3.8000i	-13.2931-0.6390i
63.3	-0.8995-1.4495i	170.9376-207.3845i	2.5267-0.9649i	9.4568-4.4071i	0.3029+3.0263i	-3.9476+0.8673i	9.9106-4.4687i	-13.6179-0.2761i
63.4	-0.9131-1.3497i	169.7572-209.4927i	2.4445-0.9950i	9.2359-4.6802i	0.1569+2.9844i	-3.8849+0.9673i	9.6956-4.7377i	-13.6704-0.2449i
63.5	-0.9238-1.3284i	167.0837-219.1482i	2.3483-1.0411i	8.9726-5.2509i	0.1798+3.2368i	-3.8644+1.1761i	9.4437-5.3294i	-13.9286+0.1154i
63.6	-1.0486-1.2222i	153.8953-229.2854i	2.2023-1.1506i	8.4348-5.9887i	0.3015+3.5114i	-3.7531+1.4728i	8.9096-6.1075i	-13.8994+0.9633i
63.7	-1.1206-1.1222i	152.5148-234.9131i	2.1252-1.2174i	8.1778-6.5007i	0.2712+3.4899i	-3.7245+1.6420i	8.6682-6.6234i	-14.0672+1.1496i
63.8	-1.1680-1.0052i	141.6219-241.9036i	1.9887-1.3184i	7.6366-7.1317i	0.4718+3.5217i	-3.6062+1.8913i	8.1222-7.2715i	-14.0286+1.8478i
63.9	-1.3114-0.9090i	126.4238-250.5960i	1.8500-1.3961i	6.9597-7.6971i	0.7772+3.6280i	-3.4558+2.1472i	7.4417-7.8642i	-13.9419+2.7270i
64.0	-1.3841-0.7572i	116.2038-257.5497i	1.7367-1.4220i	6.3067-8.0828i	0.7925+3.6711i	-3.2641+2.3566i	6.7965-8.2744i	-13.9450+3.3804i
64.1	-1.4090-0.5947i	106.2187-258.8550i	1.6252-1.4254i	5.7825-8.1981i	0.8807+3.7173i	-3.1306+2.4595i	6.2628-8.4147i	-13.6446+3.8853i
64.2	-1.5013-0.2851i	92.6645-269.3469i	1.4905-1.4820i	5.0995-8.6752i	1.0446+3.8239i	-2.9661+2.7297i	5.5800-8.9295i	-13.4863+4.8312i
64.3	-1.4912-0.1527i	96.2993-273.2115i	1.5163-1.4594i	5.0764-8.8114i	0.9458+3.8856i	-2.9732+2.7685i	5.5770-9.0642i	-13.8034+4.6444i
64.4	-1.3718+0.0551i	88.1737-270.4985i	1.4223-1.4460i	4.5209-8.8180i	1.0423+3.8180i	-2.7556+2.8441i	5.0134-9.0797i	-13.3613+4.8767i
64.5	-1.2347+0.2940i	70.2262-272.6775i	1.2538-1.4568i	3.4336-9.0315i	1.2153+3.7202i	-2.3809+3.0229i	3.9158-9.3233i	-12.8811+5.7279i
64.6	-1.0641+0.4171i	58.1968-278.9392i	1.1442-1.4717i	2.7517-9.2703i	1.2896+3.8394i	-2.1663+3.1774i	3.2370-9.6051i	-12.7644+6.4368i
64.7	-0.9393+0.5003i	47.1527-280.0756i	1.0528-1.4692i	2.1676-9.1854i	1.4007+3.8345i	-1.9970+3.2176i	2.6364-9.5540i	-12.4067+6.9462i
64.8	-0.7892+0.5154i	43.5356-276.7936i	1.0026-1.3859i	1.7785-8.8757i	1.4899+3.8471i	-1.8329+3.0852i	2.2365-9.2473i	-12.0209+6.7776i
64.9	-0.5912+0.5696i	27.5541-275.7136i	0.8688-1.3772i	0.9084-8.8211i	1.5716+3.7340i	-1.5159+3.1221i	1.3496-9.2176i	-11.5030+7.2670i
65.0	-0.4416+0.5580i	19.1794-274.9212i	0.7657-1.3465i	0.3038-8.6055i	1.4469+3.6688i	-1.3304+3.1141i	0.7391-9.0301i	-11.2884+7.6853i
65.1	-0.2529+0.5556i	10.3476-269.6221i	0.6617-1.2279i	-0.2806-8.0123i	1.3814+3.6593i	-1.0661+3.0041i	0.1287-8.4524i	-10.6429+7.8930i
65.2	-0.1768+0.5397i	-3.1896-268.6968i	0.6115-1.1871i	-0.7486-7.7180i	1.5748+3.7252i	-0.8800+2.9794i	-0.3715-8.1860i	-10.1458+8.4103i
65.3	-0.0904+0.4994i	-16.2635-262.4660i	0.5278-1.0842i	-1.1370-7.1075i	1.5625+3.7255i	-0.6894+2.8693i	-0.7867-7.5969i	-9.4052+8.7557i
65.4	-0.0221+0.4452i	-27.7748-250.6659i	0.4647-0.9629i	-1.4406-6.4461i	1.6658+3.7078i	-0.5093+2.6929i	-1.1372-6.9454i	-8.4422+8.8449i
65.5	0.0261+0.3572i	-32.2184-248.2548i	0.4556-0.8945i	-1.4063-6.1717i	1.6171+3.7245i	-0.4871+2.6104i	-1.1163-6.6821i	-8.1458+8.8740i
65.6	0.0553+0.2975i	-38.4984-245.2256i	0.4456-0.8044i	-1.5019-5.7531i	1.5544+3.7987i	-0.4005+2.5193i	-1.2349-6.2747i	-7.6713+9.0249i
65.7	0.0148+0.2437i	-42.8129-238.5048i	0.4839-0.7158i	-1.4260-5.3513i	1.5925+3.8566i	-0.3489+2.3878i	-1.1845-5.8722i	-7.1837+8.8463i
65.8	0.0226+0.2642i	-47.5874-225.9512i	0.5364-0.6473i	-1.2429-5.0140i	1.7396+3.8044i	-0.2716+2.2579i	-1.0354-5.5151i	-6.4638+8.4260i
65.9	0.0573+0.2539i	-53.4530-227.3514i	0.5384-0.5890i	-1.2840-4.8544i	1.7369+3.9708i	-0.1865+2.2153i	-1.0863-5.3676i	-6.1927+8.4997i
66.0	-0.0189+0.3429i	-60.5069-213.7923i	0.5671-0.5227i	-1.3092-4.5777i	1.9692+3.9688i	-0.0833+2.0675i	-1.1580-5.0868i	-5.4256+8.2365i
66.1	-0.0589+0.4201i	-64.8290-209.4404i	0.6385-0.5356i	-1.1761-4.6878i	2.2135+4.0239i	-0.0785+1.9986i	-1.0433-5.1971i	-5.2617+8.0147i
66.2	-0.0077+0.4408i	-67.7580-206.0385i	0.6601-0.5181i	-1.1497-4.6508i	2.2664+4.0268i	-0.0594+1.9068i	-1.0300-5.1516i	-5.0927+7.7855i
66.3	0.0315+0.5106i	-72.7284-198.6355i	0.6896-0.4941i	-1.2316-4.5497i	2.4564+4.0205i	-0.0078+1.7987i	-1.1434-5.0415i	-4.6281+7.5901i
66.4	0.1098+0.5741i	-75.8445-191.4186i	0.7519-0.4997i	-1.2758-4.4776i	2.6645+3.9796i	-0.0118+1.6494i	-1.2108-4.9608i	-4.3742+7.2821i
66.5	0.2003+0.5689i	-76.1292-184.7921i	0.7835-0.5064i	-1.3818-4.3469i	2.6944+3.8607i	-0.0090+1.5266i	-1.3263-4.8149i	-4.2362+7.0091i
66.6	0.2482+0.6060i	-78.2161-178.3976i	0.8190-0.4866i	-1.4778-4.1738i	2.8020+3.8695i	-0.0058+1.4026i	-1.4452-4.6323i	-3.9454+6.7547i
66.7	0.2923+0.7041i	-77.8125-172.7870i	0.8916-0.4987i	-1.3533-4.2146i	2.9250+3.8852i	-0.1136+1.2497i	-1.3343-4.6563i	-3.9932+6.2391i
66.8	0.4079+0.7676i	-78.7591-166.2765i	0.9249-0.5205i	-1.4425-4.1133i	3.0845+3.7459i	-0.1575+1.1587i	-1.4371-4.5392i	-3.8866+5.9592i
66.9	0.5266+0.7947i	-81.2049-161.1857i	0.9682-0.5238i	-1.5118-3.9098i	3.1589+3.6831i	-0.1939+1.0508i	-1.5187-4.3197i	-3.7146+5.6858i
67.0	0.7002+0.7818i	-80.0231-152.8839i	0.9805-0.5484i	-1.5974-3.7885i	3.2154+3.6488i	-0.3026+0.9830i	-1.6142-4.1782i	-3.6930+5.2950i
67.1	0.8306+0.8041i	-81.5219-149.2783i	1.0099-0.5934i	-1.6970-3.8160i	3.4148+3.6269i	-0.3941+0.9438i	-1.7276-4.1917i	-3.7100+5.0654i
67.2	0.9219+0.7976i	-79.4253-141.4917i	1.0448-0.6175i	-1.6355-3.5667i	3.5491+3.5347i	-0.4813+0.8387i	-1.6763-3.9107i	-3.5875+4.5782i
67.3	1.0639+0.7435i	-75.3765-138.2954i	1.0502-0.6537i	-1.6632-3.5743i	3.5292+3.3887i	-0.5791+0.8272i	-1.6902-3.8995i	-3.8534+4.2316i
67.4	1.2045+0.6107i	-75.4562-135.7426i	1.0681-0.6921i	-1.7238-3.4570i	3.5779+3.3745i	-0.6871+0.8731i	-1.7519-3.7729i	-4.1021+4.0834i
67.5	1.2878+0.5713i	-74.1471-130.2958i	1.0643-0.7276i	-1.8071-3.3708i	3.6369+3.3198i	-0.7593+0.8774i	-1.8339-3.6716i	-4.2631+3.9395i
67.6	1.4484+0.5148i	-75.8186-125.0491i	1.0747-0.7505i	-1.9460-3.2561i	3.8457+3.2691i	-0.8028+0.8961i	-1.9724-3.5469i	-4.3416+3.8058i
67.7	1.5533+0.3651i	-74.4363-121.4831i	1.0715-0.7805i	-1.9556-3.1135i	3.9659+3.2079i	-0.8796+0.9233i	-1.9813-3.3948i	-4.4879+3.6943i
67.8	1.6930+0.2927i	-72.8871-117.5775i	1.0905-0.8020i	-2.0123-3.0271i	4.1268+3.1020i	-0.9422+0.9282i	-2.0324-3.2905i	-4.7097+3.4404i
67.9	1.7221+0.1743i	-70.2377-116.4400i	1.1067-0.8416i	-1.9289-2.9403i	4.1631+3.0552i	-1.0069+0.9444i	-1.9373-3.1925i	-5.0130+3.3351i
68.0	1.7876+0.0568i	-67.8702-115.3352i	1.1280-0.8794i	-1.9646-2.8240i	4.2870+2.9416i	-1.1018+0.9571i	-1.9628-3.0683i	-5.4191+3.1832i
68.1	1.8869-0.0811i	-66.3215-113.4716i	1.1295-0.9205i	-2.0707-2.6910i	4.5221+2.8020i	-1.1401+1.0242i	-2.0685-2.9348i	-5.6031+3.2881i
68.2	1.9672-0.2337i	-65.5455-111.3681i	1.1292-1.0103i	-2.1506-2.6574i	4.7082+2.6250i	-1.1891+1.0980i	-2.1394-2.8885i	-5.9517+3.3715i
68.3	1.9684-0.4819i	-64.5087-106.8142i	1.0876-1.1100i	-2.2544-2.4942i	4.9475+2.2228i	-1.2038+1.2281i	-2.2437-2.7223i	-6.1565+3.7448i
68.4	1.9758-0.6770i	-62.0382-103.6752i	1.0627-1.1549i	-2.2775-2.2561i	5.0002+1.9044i	-1.2249+1.2659i	-2.2593-2.4757i	-6.3751+3.8667i
68.5	1.9353-0.8345i	-60.8930-102.2915i	1.0590-1.2030i	-2.1724-2.1165i	5.0670+1.6805i	-1.2789+1.2977i	-2.1482-2.3325i	-6.5683+3.9904i
68.6	1.8823-0.8877i	-58.5244-100.9270i	1.0538-1.2216i	-2.0785-2.0329i	5.1144+1.5245i	-1.3329+1.3056i	-2.0541-2.2438i	-6.6531+4.0036i

68.7	1.8330-0.9796i	-56.4290-97.9780i	1.0201-1.2271i	-2.0456-1.8875i	4.9848+1.2315i	-1.3098+1.3350i	-2.0102-2.0889i	-6.6837+3.9847i
68.8	1.7388-1.1769i	-54.3257-97.0888i	0.9610-1.3103i	-2.0949-1.8066i	4.9318+0.8526i	-1.2976+1.4790i	-2.0545-2.0068i	-6.8364+4.4223i
68.9	1.7066-1.3496i	-52.8275-97.7811i	0.9229-1.4253i	-2.1924-1.7078i	5.0214+0.4571i	-1.3276+1.6238i	-2.1398-1.9042i	-7.1569+4.8258i
69.0	1.6888-1.4218i	-52.4224-99.1896i	0.8981-1.4933i	-2.2050-1.6890i	4.9704+0.3251i	-1.3856+1.7034i	-2.1365-1.8921i	-7.4899+5.0847i
69.1	1.6283-1.4681i	-52.3491-98.5430i	0.8420-1.5356i	-2.1936-1.5795i	4.8529+0.0637i	-1.3722+1.7440i	-2.1194-1.7856i	-7.4761+5.3098i
69.2	1.5413-1.5489i	-51.5589-97.3770i	0.7380-1.5607i	-2.2269-1.4496i	4.5705-0.1495i	-1.3220+1.8039i	-2.1477-1.6620i	-7.3421+5.6262i
69.3	1.4797-1.6389i	-50.9821-97.5161i	0.6630-1.6076i	-2.2266-1.3433i	4.3614-0.4053i	-1.3446+1.8767i	-2.1366-1.5541i	-7.4195+5.8390i
69.4	1.3516-1.7726i	-50.8316-95.1513i	0.5819-1.6207i	-2.1379-1.0647i	4.0303-0.7784i	-1.2662+1.9509i	-2.0434-1.2648i	-7.2311+6.0380i
69.5	1.2822-1.8227i	-49.7810-94.0434i	0.5213-1.6309i	-2.0516-0.9098i	3.6547-0.9122i	-1.2274+1.9895i	-1.9423-1.1050i	-7.2163+6.0283i
69.6	1.2055-1.8194i	-47.8038-94.5127i	0.4748-1.6175i	-1.9861-0.7770i	3.4885-0.9356i	-1.1965+2.0653i	-1.8687-0.9811i	-7.1958+6.2648i
69.7	1.1004-1.8581i	-48.8940-94.7473i	0.3515-1.6222i	-1.9823-0.5928i	3.3707-0.9373i	-1.0730+2.1681i	-1.8748-0.8221i	-6.8083+6.9263i
69.8	1.1133-1.9449i	-47.0316-96.0764i	0.2995-1.6437i	-1.8547-0.4473i	3.1690-1.0530i	-1.1232+2.2135i	-1.7309-0.6835i	-7.0698+7.0881i
69.9	1.1482-2.0492i	-46.5751-96.9255i	0.2779-1.6972i	-1.7507-0.4507i	2.9932-1.2339i	-1.1799+2.2463i	-1.6099-0.6778i	-7.3902+6.9932i
70.0	0.9879-2.1624i	-48.3579-94.6632i	0.1774-1.6681i	-1.6088-0.2911i	2.6413-1.3802i	-0.9730+2.3190i	-1.4773-0.5286i	-6.7748+7.4086i
70.1	0.8887-2.2305i	-48.7973-94.0788i	0.1346-1.6195i	-1.4390-0.1650i	2.4359-1.3409i	-0.9502+2.3993i	-1.3003-0.4148i	-6.7063+7.6726i
70.2	0.7961-2.3524i	-51.1898-95.0383i	0.0900-1.6418i	-1.3238+0.0030i	2.2974-1.3692i	-0.9241+2.4621i	-1.1812-0.2586i	-6.6501+7.9826i
70.3	0.6283-2.4533i	-51.5095-95.3993i	0.0171-1.6371i	-1.2061-0.0120i	2.0079-1.2818i	-0.8012+2.5469i	-1.0592-0.2877i	-6.4721+8.3597i
70.4	0.5656-2.4371i	-49.7732-94.6318i	0.0226-1.6307i	-1.0258-0.0286i	1.8416-1.2524i	-0.7758+2.5276i	-0.8777-0.2986i	-6.3262+8.2603i
70.5	0.3796-2.4791i	-50.4299-93.4842i	-0.0457-1.6541i	-0.8303-0.0922i	1.4441-1.3095i	-0.6878+2.5357i	-0.6685-0.3623i	-6.2348+8.2919i
70.6	0.1867-2.4772i	-51.9926-91.7755i	-0.1178-1.6137i	-0.6501+0.0449i	1.3312-1.2571i	-0.5213+2.5177i	-0.5098-0.2358i	-5.5946+8.5898i
70.7	0.1727-2.4738i	-52.2546-92.7340i	-0.0994-1.6562i	-0.4648+0.0835i	1.2763-1.2112i	-0.5890+2.5214i	-0.3167-0.2038i	-5.8031+8.5843i
70.8	0.0443-2.4487i	-52.0937-91.3440i	-0.1529-1.6502i	-0.2501+0.0132i	1.0020-1.1170i	-0.5686+2.5268i	-0.0945-0.2795i	-5.7255+8.6284i
70.9	-0.1557-2.3695i	-53.2456-88.4233i	-0.2560-1.6185i	-0.1618-0.0545i	0.7304-1.0334i	-0.4238+2.4810i	-0.0155-0.3521i	-5.2922+8.7200i
71.0	-0.3003-2.4756i	-54.5888-89.6820i	-0.3684-1.7290i	-0.0038-0.2206i	0.4762-1.0440i	-0.3884+2.6246i	0.1549-0.5367i	-5.3241+9.2252i
71.1	-0.4538-2.4550i	-56.9230-88.2907i	-0.4758-1.7170i	0.1165-0.3878i	0.3785-0.7940i	-0.2791+2.7114i	0.2662-0.7290i	-4.9606+9.5586i
71.2	-0.5305-2.3789i	-55.0327-86.9830i	-0.5600-1.6863i	0.2058-0.5940i	0.0550-0.5414i	-0.2554+2.6787i	0.3741-0.9374i	-5.0030+9.4070i
71.3	-0.5900-2.3431i	-53.8539-87.2702i	-0.6672-1.7116i	0.1941-0.6271i	-0.1989-0.5816i	-0.2760+2.6412i	0.3809-0.9659i	-5.1769+9.3247i
71.4	-0.7432-2.2297i	-57.2930-84.1136i	-0.7666-1.6175i	0.2270-0.7339i	-0.1259-0.3689i	-0.1136+2.6319i	0.3762-1.0847i	-4.4528+9.6106i
71.5	-0.7797-2.1538i	-57.2960-83.2417i	-0.7928-1.5358i	0.2204-0.9419i	-0.1235-0.0090i	-0.0435+2.6571i	0.3604-1.3156i	-4.2218+9.8011i
71.6	-0.8457-2.0792i	-55.4366-81.2669i	-0.8952-1.5031i	0.2265-1.0697i	-0.3738-0.0216i	-0.0011+2.6308i	0.3799-1.4342i	-4.1980+9.5613i
71.7	-0.9237-2.0560i	-55.2721-81.6812i	-1.0098-1.5490i	0.2102-1.1795i	-0.6315-0.1024i	0.0010+2.6226i	0.3800-1.5384i	-4.3052+9.4157i
71.8	-1.0395-2.0437i	-56.3382-83.4079i	-1.1538-1.4948i	0.1645-1.2576i	-0.8917+0.1839i	0.0547+2.6731i	0.3480-1.6504i	-4.4219+9.9542i
71.9	-1.1272-1.8886i	-57.2721-80.8118i	-1.2296-1.3265i	0.0071-1.3672i	-0.8615+0.4450i	0.2127+2.6392i	0.1675-1.7799i	-3.7549+10.1448i
72.0	-1.1016-1.7029i	-56.4296-79.1592i	-1.1882-1.1443i	-0.0835-1.3494i	-0.6208+0.7788i	0.2869+2.5300i	0.0446-1.7712i	-3.1800+9.9891i
72.1	-1.1862-1.6232i	-57.3071-76.9898i	-1.2858-0.9717i	-0.3164-1.3159i	-0.6712+1.3229i	0.4176+2.5188i	-0.2022-1.7722i	-2.7600+10.3830i
72.2	-1.2579-1.6531i	-57.9661-76.6553i	-1.3808-0.9579i	-0.3594-1.3234i	-0.8290+1.2471i	0.4304+2.5392i	-0.2380-1.7842i	-2.8353+10.5058i
72.3	-1.2696-1.6375i	-56.9512-76.4917i	-1.4222-0.9072i	-0.2976-1.3187i	-0.9712+1.3438i	0.4060+2.5443i	-0.1740-1.7845i	-2.9003+10.5264i
72.4	-1.3270-1.5620i	-57.4185-75.5011i	-1.4740-0.7676i	-0.3864-1.4236i	-0.9595+1.7775i	0.4849+2.5915i	-0.2742-1.9138i	-2.5874+10.8350i
72.5	-1.3392-1.4629i	-57.7382-74.0138i	-1.4189-0.6526i	-0.3658-1.2904i	-0.7062+1.9088i	0.5410+2.5056i	-0.2852-1.7785i	-2.1396+10.7033i
72.6	-1.3951-1.4068i	-58.9163-73.0654i	-1.4506-0.5626i	-0.4100-1.3301i	-0.7139+2.1379i	0.5986+2.5067i	-0.3382-1.8319i	-1.8751+10.8394i
72.7	-1.4589-1.4232i	-59.0398-73.8630i	-1.5665-0.5508i	-0.4847-1.4967i	-1.0525+2.1102i	0.5668+2.5795i	-0.3747-2.0036i	-2.3170+10.9546i
72.8	-1.4635-1.3265i	-59.4866-71.8778i	-1.4990-0.4699i	-0.5528-1.4422i	-0.7562+2.2084i	0.6479+2.4928i	-0.4789-1.9474i	-1.7711+10.7061i
72.9	-1.4606-1.1404i	-60.3616-68.5726i	-1.3829-0.2704i	-0.5762-1.1820i	-0.3346+2.4794i	0.7766+2.3312i	-0.5545-1.6903i	-0.8249+10.4980i
73.0	-1.4982-1.0614i	-60.6333-68.7017i	-1.3976-0.1584i	-0.5317-1.1646i	-0.3728+2.7241i	0.7857+2.3423i	-0.5093-1.6897i	-0.8225+10.7416i
73.1	-1.5119-0.9290i	-60.1026-66.9170i	-1.3586-0.0250i	-0.6046-1.1715i	-0.3568+2.8628i	0.8495+2.3001i	-0.5937-1.6934i	-0.4954+10.6261i
73.2	-1.4711-0.8160i	-59.2044-64.6485i	-1.2754+0.0577i	-0.5996-1.2048i	-0.1868+2.8132i	0.8958+2.2159i	-0.6111-1.7022i	-0.0338+10.2167i
73.3	-1.5565-0.7136i	-61.0986-64.2825i	-1.3527+0.1952i	-0.8359-1.2009i	-0.2599+3.2010i	1.0256+2.2707i	-0.8532-1.7362i	0.1699+10.6428i
73.4	-1.5352-0.6533i	-60.4781-64.0100i	-1.3607+0.2504i	-0.8662-1.2429i	-0.4060+3.3840i	1.0137+2.2682i	-0.8681-1.7872i	0.0581+10.6630i
73.5	-1.3506-0.5918i	-57.3906-63.9364i	-1.1854+0.2749i	-0.7499-1.1578i	-0.2946+3.4687i	0.9633+2.1366i	-0.7515-1.6970i	0.1435+10.1176i
73.6	-1.3436-0.5794i	-57.6248-63.4717i	-1.1920+0.3164i	-0.7450-1.1778i	-0.1807+3.6642i	0.9944+2.1632i	-0.7572-1.7301i	0.2224+10.1970i
73.7	-1.3320-0.5454i	-57.7037-63.2295i	-1.1747+0.3563i	-0.7606-1.1689i	-0.2001+3.8812i	1.0179+2.1595i	-0.7767-1.7300i	0.2679+10.2785i
73.8	-1.3227-0.5004i	-59.1380-61.3912i	-1.1184+0.3711i	-0.7687-1.2669i	-0.1045+3.8176i	1.0743+2.1561i	-0.8012-1.8225i	0.5776+10.1935i
73.9	-1.2228-0.3994i	-57.3051-60.0005i	-1.0453+0.4986i	-0.8834-1.0387i	0.0162+3.9647i	1.0942+1.9767i	-0.9307-1.5956i	0.8226+9.8331i
74.0	-1.1926-0.3353i	-58.7526-58.6449i	-0.9719+0.6450i	-0.8810-0.8680i	0.3822+4.2683i	1.1665+1.9131i	-0.9592-1.4447i	1.2711+9.9558i
74.1	-1.1582-0.3440i	-58.6415-56.6510i	-0.8985+0.6201i	-0.8366-0.8690i	0.4959+4.2182i	1.1585+1.8792i	-0.9262-1.4374i	1.4518+9.7464i
74.2	-1.1109-0.3681i	-58.6860-57.1980i	-0.8639+0.6162i	-0.9168-0.8071i	0.5668+4.4862i	1.1865+1.8550i	-1.0058-1.3895i	1.4957+9.6940i
74.3	-1.0595-0.3468i	-58.3383-54.2913i	-0.7443+0.5975i	-0.7260-0.8463i	0.9384+4.3637i	1.1785+1.8166i	-0.8521-1.4056i	1.9056+9.2925i
74.4	-1.0613-0.3258i	-58.1855-55.1115i	-0.7393+0.7110i	-0.7096-0.7526i	0.8582+4.6682i	1.1669+1.8327i	-0.8369-1.3399i	1.8209+9.5730i
74.5	-1.0649-0.2659i	-59.1581-54.2488i	-0.6995+0.8497i	-0.7309-0.5669i	1.0603+4.9649i	1.1703+1.7783i	-0.8791-1.1665i	1.9963+9.6975i
74.6	-1.0496-0.2259i	-60.0843-52.5528i	-0.6425+0.8889i	-0.7293-0.4946i	1.2490+5.0440i	1.1767+1.7266i	-0.8959-1.0964i	2.2377+9.5703i
74.7	-0.9934-0.2254i	-58.2581-50.8023i	-0.5628+0.8726i	-0.6169-0.4730i	1.3421+4.9296i	1.1377+1.6605i	-0.7960-1.0585i	2.3378+9.1553i
74.8	-0.9526-0.1995i	-57.5120-49.7310i	-0.4658+0.9119i	-0.6202-0.3544i	1.5192+4.9780i	1.1646+1.5696i	-0.8135-0.9361i	2.5430+8.9357i
74.9	-0.9383-0.2057i	-56.8984-48.4594i	-0.3987+0.8681i	-0.4963-0.3986i	1.6791+4.8767i	1.1397+1.5510i	-0.6978-0.9622i	2.5961+8.6571i

75.0	-0.9065-0.1903i	-56.0328-47.6169i	-0.3887+0.9205i	-0.5429-0.3561i	1.5995+5.0178i	1.0856+1.5201i	-0.7394-0.9280i	2.4660+8.6033i
75.1	-0.8578-0.1821i	-55.1318-47.3538i	-0.3823+0.9232i	-0.4877-0.2563i	1.5294+5.0919i	1.0306+1.4074i	-0.6795-0.8270i	2.3106+8.2894i
75.2	-0.8303-0.1641i	-55.8101-46.5620i	-0.2592+0.9681i	-0.2553-0.2361i	1.9561+5.3240i	1.0103+1.4321i	-0.4883-0.8198i	2.5778+8.3879i
75.3	-0.7995-0.1840i	-54.6885-45.4295i	-0.1665+0.9827i	-0.1478-0.3325i	2.2128+5.3571i	0.9758+1.5096i	-0.4009-0.9172i	2.6629+8.3527i
75.4	-0.7871-0.1678i	-54.6549-44.2386i	-0.1140+1.0097i	-0.0763-0.2593i	2.3260+5.3382i	0.9384+1.4501i	-0.3389-0.8357i	2.7463+8.1611i
75.5	-0.7411-0.1680i	-54.2069-42.3247i	0.0018+0.9444i	0.1329-0.3041i	2.5292+5.2677i	0.8273+1.4166i	-0.1500-0.8551i	2.7559+7.8091i
75.6	-0.7262-0.1717i	-55.0986-40.6339i	0.1744+0.8975i	0.2593-0.4326i	3.1064+5.2770i	0.9120+1.4545i	-0.0693-0.9764i	3.2548+7.7432i
75.7	-0.7229-0.1711i	-54.3289-39.4395i	0.2353+0.8719i	0.2903-0.5341i	3.2813+5.1002i	0.9256+1.4484i	-0.0473-1.0574i	3.3019+7.5140i
75.8	-0.7120-0.1665i	-53.6175-40.1467i	0.2744+0.9388i	0.3296-0.5814i	3.2763+5.5841i	0.8801+1.5820i	-0.0009-1.1340i	3.1073+7.8734i
75.9	-0.6873-0.1494i	-52.7572-39.2521i	0.3347+0.9778i	0.3841-0.5567i	3.4713+5.7678i	0.8627+1.6028i	0.0352-1.1163i	3.1508+7.9265i
76.0	-0.6973-0.1775i	-52.3935-38.1310i	0.3823+0.9289i	0.4138-0.6474i	3.6168+5.7414i	0.8722+1.6266i	0.0468-1.2068i	3.1986+7.8313i
76.1	-0.6691-0.1655i	-52.2584-37.1353i	0.4428+0.9465i	0.4163-0.6625i	3.8700+5.9153i	0.8918+1.6351i	0.0403-1.2333i	3.3005+7.8722i
76.2	-0.6621-0.1478i	-51.6938-35.5854i	0.5403+0.8682i	0.4761-0.7963i	4.1992+5.6870i	0.9167+1.6612i	0.0773-1.3373i	3.5103+7.6239i
76.3	-0.6649-0.1796i	-51.7080-35.3185i	0.7013+0.9467i	0.6861-0.8938i	4.7456+6.0462i	0.8992+1.8139i	0.2394-1.4548i	3.7706+7.9913i
76.4	-0.6838-0.1464i	-51.0744-34.5775i	0.7571+0.9261i	0.6413-1.0203i	5.0716+6.1125i	1.0031+1.8674i	0.1716-1.5831i	3.9465+8.0526i
76.5	-0.6236-0.1166i	-49.5246-34.3030i	0.7895+0.8838i	0.6122-1.0548i	5.1047+6.1923i	1.0180+1.8595i	0.1428-1.6203i	3.8299+7.9873i
76.6	-0.5951-0.1551i	-47.9476-33.3508i	0.8088+0.7697i	0.5803-1.1502i	5.0772+5.8811i	1.0454+1.8245i	0.1186-1.6876i	3.7260+7.5864i
76.7	-0.6373-0.1692i	-47.2215-32.5946i	0.8487+0.6576i	0.5622-1.4264i	5.4891+5.6859i	1.1589+1.9305i	0.0837-1.9422i	3.9543+7.4911i
76.8	-0.6137-0.1695i	-47.4411-32.3025i	0.9823+0.6565i	0.6718-1.5013i	6.0011+5.9202i	1.1386+2.0240i	0.1526-2.0226i	4.1615+7.7734i
76.9	-0.6196-0.1429i	-46.9793-32.4844i	1.0644+0.6968i	0.6288-1.5845i	6.3224+6.2964i	1.2187+2.1038i	0.0873-2.1443i	4.2109+8.1381i
77.0	-0.6123-0.1779i	-45.9140-30.7308i	1.1964+0.4807i	0.6230-1.8968i	6.9615+5.8414i	1.3909+2.1457i	0.0436-2.4090i	4.7036+7.7239i
77.1	-0.5850-0.2081i	-44.9040-30.9353i	1.2398+0.3674i	0.6900-2.0746i	7.2353+5.8111i	1.4072+2.2074i	0.0924-2.5806i	4.7953+7.6600i
77.2	-0.5793-0.2161i	-43.2065-30.6747i	1.2585+0.2201i	0.6606-2.2401i	7.4151+5.4541i	1.4078+2.2024i	0.0467-2.7045i	4.7312+7.3174i
77.3	-0.5714-0.2017i	-42.7332-30.0973i	1.2659+0.1464i	0.4807-2.2545i	7.6839+5.2908i	1.5329+2.1616i	-0.1541-2.7150i	4.8900+7.3036i
77.4	-0.5394-0.2126i	-42.7868-29.7428i	1.3808+0.0431i	0.3853-2.3244i	8.4600+5.0661i	1.6923+2.1485i	-0.3154-2.7692i	5.4562+7.3153i
77.5	-0.5354-0.2419i	-41.8916-28.1447i	1.3631-0.1398i	0.2061-2.4312i	8.8399+4.3911i	1.8448+2.0798i	-0.5221-2.8250i	5.8094+6.8733i
77.6	-0.5692-0.2838i	-40.7167-29.5133i	1.3214-0.2307i	0.0424-2.6489i	9.1651+4.4712i	2.0104+2.1851i	-0.7003-3.0537i	5.8190+7.0766i
77.7	-0.5651-0.2897i	-39.6681-29.2303i	1.3254-0.2594i	-0.0803-2.6003i	9.3360+4.2531i	2.0998+2.1130i	-0.8364-2.9833i	5.9953+6.9932i
77.8	-0.5494-0.2902i	-38.2869-27.8263i	1.2890-0.2880i	-0.1500-2.4510i	9.3361+3.7700i	2.1376+1.9512i	-0.9131-2.7937i	6.1910+6.5611i
77.9	-0.5783-0.3093i	-37.8749-27.8232i	1.2431-0.3944i	-0.2441-2.4939i	9.6049+3.3712i	2.2215+1.8929i	-1.0261-2.8036i	6.3692+6.3301i
78.0	-0.6284-0.3142i	-37.5372-27.9550i	1.2231-0.5032i	-0.3798-2.5688i	9.9592+2.9812i	2.3774+1.8080i	-1.1913-2.8442i	6.6397+6.1278i
78.1	-0.6790-0.2920i	-38.0026-27.6279i	1.1926-0.6557i	-0.6794-2.5831i	10.4943+1.9901i	2.6331+1.5978i	-1.5349-2.7800i	7.1899+5.6368i
78.2	-0.6953-0.3171i	-36.8152-28.9276i	1.1781-0.7613i	-0.6964-2.6628i	10.7979+1.6126i	2.6933+1.5804i	-1.5856-2.8156i	7.3081+5.4278i
78.3	-0.7103-0.2783i	-36.0632-28.7554i	1.0748-0.7878i	-0.8761-2.5579i	10.6640+1.0422i	2.7635+1.3642i	-1.7547-2.6625i	7.3807+4.9338i
78.4	-0.7398-0.2597i	-35.9956-28.8518i	1.0617-0.9070i	-1.0294-2.6017i	11.0423+0.4787i	2.9116+1.2398i	-1.9380-2.6528i	7.7503+4.5347i
78.5	-0.7627-0.2321i	-35.6760-28.6028i	0.9788-1.0895i	-1.1763-2.5836i	10.8779-0.5748i	2.9542+0.9443i	-2.0694-2.5316i	7.7026+3.6821i
78.6	-0.7766-0.1834i	-34.9197-27.5894i	0.7511-1.1498i	-1.3503-2.4032i	10.2214-1.4397i	2.8602+0.6428i	-2.1868-2.2816i	7.3506+2.9416i
78.7	-0.7954-0.1559i	-35.0366-27.8491i	0.5835-1.1230i	-1.5303-2.3301i	9.8730-1.7037i	2.8247+0.5428i	-2.3233-2.1840i	7.0328+2.7988i
78.8	-0.8363-0.1187i	-34.5993-28.9649i	0.4708-1.1663i	-1.6223-2.3915i	9.5445-1.9086i	2.7725+0.4712i	-2.3910-2.1994i	6.6491+2.7204i
78.9	-0.8444-0.0554i	-33.6246-28.7756i	0.3922-1.1330i	-1.7049-2.3493i	9.3756-1.9847i	2.7500+0.3752i	-2.4765-2.1283i	6.5688+2.6360i
79.0	-0.8127+0.0045i	-33.8636-29.5900i	0.4116-1.2201i	-1.8079-2.2990i	9.5786-2.7855i	2.7914+0.1536i	-2.5785-1.9711i	6.8669+1.9756i
79.1	-0.7576+0.0130i	-33.5163-27.9230i	0.1509-1.2093i	-1.9255-2.0828i	8.2796-3.6664i	2.5214-0.0626i	-2.5291-1.6781i	5.8474+1.0901i
79.2	-0.7676+0.0241i	-33.8558-29.4954i	-0.0205-1.2275i	-2.0633-2.0797i	7.7508-3.9198i	2.4362-0.1166i	-2.5851-1.6482i	5.2035+1.0852i
79.3	-0.7389+0.0658i	-34.2362-28.8607i	-0.2104-1.1488i	-2.1806-1.9400i	6.7212-3.8028i	2.2421-0.1812i	-2.5988-1.5295i	4.3889+1.1805i
79.4	-0.7009+0.0848i	-33.5551-27.9455i	-0.3485-0.9363i	-2.2364-1.7450i	6.0931-3.5911i	2.1249-0.1908i	-2.5796-1.3587i	3.9049+1.4109i
79.5	-0.6768+0.0669i	-32.8497-28.7540i	-0.2931-0.8663i	-2.1667-1.6661i	6.0478-3.3003i	2.0560-0.1700i	-2.4867-1.3237i	3.8285+1.7378i
79.6	-0.6656+0.0842i	-32.8631-28.9622i	-0.3033-0.7915i	-2.1938-1.5785i	5.9202-3.0803i	1.9979-0.1559i	-2.4892-1.2645i	3.8130+2.0643i
79.7	-0.6375+0.1093i	-32.9359-28.5069i	-0.3027-0.6793i	-2.1832-1.4695i	5.6564-2.9438i	1.9170-0.1667i	-2.4250-1.1538i	3.7406+2.2131i
79.8	-0.5969+0.1015i	-32.6877-28.2180i	-0.3172-0.5441i	-2.1864-1.3273i	5.4589-2.4142i	1.8428-0.1354i	-2.3968-1.0680i	3.6457+2.6514i
79.9	-0.5745+0.1008i	-32.3398-27.6955i	-0.3808-0.4644i	-2.2817-1.2127i	5.3469-2.1038i	1.8029-0.1211i	-2.4880-0.9943i	3.5800+2.9517i
80.0	-0.5637+0.1069i	-31.5920-27.9486i	-0.3173-0.3617i	-2.2078-1.1625i	5.5166-1.7215i	1.7707-0.0521i	-2.4140-0.9791i	3.7740+3.3125i

2.1.39 Run 4 – IP050 – Accels 17–24

In-plane shaking at 50°. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-0.9314+0.0000i	0.4269+0.0000i	17.4038+0.0000i	8.5970+0.0000i	6.9278+0.0000i	6.9967+0.0000i	6.2755+0.0000i	10.9562+0.0000i
0.1	-0.5698+1.5544i	0.3079+0.2289i	13.3358+2.0686i	6.1934-0.0232i	6.0587-0.0556i	6.9632+2.4727i	5.5235+1.0553i	8.8479+0.5457i
0.2	-1.9947+2.5428i	-0.0882+2.0266i	-0.7782+0.9678i	0.7148+3.1570i	-5.0807+11.1018i	3.2665+4.6849i	0.5480+0.0286i	0.1735+0.2524i
0.3	-1.6254+0.0289i	-0.6624+0.7663i	0.1189+0.2547i	1.5095+0.2292i	-14.1680+8.6861i	2.4526+0.2447i	0.6347-0.2821i	-0.1324+0.3014i
0.4	0.3680-0.7411i	-0.3539-0.2676i	-0.0380+0.1102i	1.3344-0.0182i	-6.1696+2.8498i	0.6452+0.0783i	0.8290-0.2926i	0.0020-0.2741i
0.5	0.3083+0.0671i	-0.0696+0.0178i	-0.0409-0.0240i	0.1270+0.2137i	-1.9914-0.6964i	-0.1018+0.3206i	0.0998+0.0191i	-0.0631-0.0318i
0.6	0.0350+0.0050i	-0.0602-0.0017i	0.0096+0.0089i	-0.1043-0.0101i	-0.4223+1.4011i	-0.0034+0.1079i	0.0203-0.0336i	-0.0384-0.0307i
0.7	-0.0442-0.0181i	-0.0688-0.0056i	0.0240+0.0144i	-0.0483-0.0544i	-0.4565+0.0740i	0.0133-0.0195i	-0.0032+0.0018i	-0.0644-0.0087i
0.8	-0.0489-0.0203i	-0.0899-0.0028i	0.0549+0.0054i	-0.0335-0.0348i	-0.5495+0.2643i	0.0163-0.0211i	-0.0228-0.0039i	-0.1013-0.0169i
0.9	-0.0596-0.0200i	-0.0996+0.0137i	0.0409-0.0323i	-0.0490-0.0184i	0.0690-0.1871i	0.0022-0.0015i	-0.0406-0.0168i	-0.1089+0.0056i
1.0	-0.0729-0.0236i	-0.1060+0.0131i	0.0171-0.0383i	-0.0593-0.0105i	0.0732-0.5367i	0.0075+0.0062i	-0.0643-0.0187i	-0.1017+0.0134i
1.1	-0.0876-0.0289i	-0.1407+0.0183i	0.0268-0.0227i	-0.0834-0.0031i	0.7772-0.3431i	0.0193-0.0041i	-0.0896-0.0046i	-0.1414+0.0082i
1.2	-0.1244-0.0266i	-0.2192+0.0184i	0.0557-0.0178i	-0.1312-0.0153i	-0.0598+0.5561i	0.0163-0.0037i	-0.1131+0.0002i	-0.2280-0.0048i
1.3	-0.1787-0.0507i	-0.2838+0.0253i	0.0869-0.0317i	-0.1794-0.0363i	-0.4234-0.1295i	0.0155-0.0006i	-0.1252+0.0117i	-0.3248-0.0278i
1.4	-0.2992-0.0388i	-0.3897+0.0439i	0.1412-0.0484i	-0.2777-0.0277i	-0.6455-0.0283i	0.0155+0.0038i	-0.0941-0.0067i	-0.5654+0.0108i
1.5	-0.3281+0.1248i	-0.5438+0.1889i	0.2049-0.1506i	-0.3290+0.1032i	-0.5441+0.3538i	0.0165+0.0081i	-0.1632-0.1146i	-0.7003+0.3888i
1.6	-0.1798+0.1571i	-0.5960+0.3222i	0.2118-0.2461i	-0.2448+0.1359i	-0.1697+0.8390i	0.0212+0.0090i	-0.3459-0.1434i	-0.4780+0.5806i
1.7	-0.1717+0.0534i	-0.7082+0.5915i	0.2311-0.4535i	-0.2729+0.0859i	-0.0876+0.8976i	0.0253+0.0143i	-0.4919-0.0782i	-0.4673+0.7158i
1.8	-0.2309-0.0362i	-0.7519+0.8877i	0.1949-0.6798i	-0.3451+0.0491i	-0.1766+0.8515i	0.0324+0.0210i	-0.5986-0.0226i	-0.4770+0.8988i
1.9	-0.4366-0.1786i	-0.3745+1.3974i	-0.2383-1.0747i	-0.5127-0.0040i	0.1205+0.8543i	0.0532+0.0293i	-0.7634+0.0572i	-0.1347+1.2458i
2.0	-0.8449-0.2894i	0.2454+1.5851i	-0.9757-1.2302i	-0.8342-0.0632i	0.5994+0.9527i	0.0877+0.0311i	-1.0175+0.1156i	0.3663+1.3122i
2.1	-1.7365-0.1707i	0.8306+1.1892i	-2.0421-0.8363i	-1.6167+0.0202i	0.8555+0.5159i	0.1566+0.0201i	-1.6574+0.2206i	0.7541+0.9332i
2.2	-2.9654+0.1275i	0.9730+0.8995i	-3.1146-0.3828i	-2.7929+0.2838i	0.8115+0.3863i	0.2462-0.0035i	-2.7584+0.4687i	0.7838+0.6940i
2.3	-3.4554+1.2945i	1.0651+0.6486i	-3.5368+0.7397i	-3.2476+1.3962i	0.8264+0.0292i	0.2829-0.0902i	-3.1487+1.5343i	0.8024+0.5402i
2.4	2.6898+1.1288i	0.8283+0.3892i	1.6591+0.6574i	2.7615+1.1487i	0.2811-0.0021i	-0.1655-0.0821i	2.7683+1.2011i	0.8382+0.3376i
2.5	1.8808+0.3668i	0.7613+0.2775i	1.0281+0.1117i	1.9511+0.3907i	0.4526+0.0641i	-0.1060-0.0257i	1.9649+0.4368i	0.7448+0.2208i
2.6	1.3188+0.1919i	0.6929+0.2208i	0.6048+0.0104i	1.3872+0.2169i	0.4051+0.0406i	-0.0614-0.0132i	1.4015+0.2570i	0.6639+0.1710i
2.7	1.0697+0.1317i	0.6583+0.1872i	0.4203-0.0158i	1.1388+0.1551i	0.3778+0.0115i	-0.0409-0.0089i	1.1553+0.1927i	0.6219+0.1416i
2.8	0.8844+0.0792i	0.6279+0.1577i	0.2833-0.0383i	0.9542+0.1011i	0.3576-0.0085i	-0.0254-0.0042i	0.9737+0.1358i	0.5827+0.1155i
2.9	0.7633+0.0666i	0.5823+0.1394i	0.2074-0.0388i	0.8300+0.0860i	0.3350+0.0402i	-0.0143-0.0036i	0.8485+0.1174i	0.5374+0.1024i
3.0	0.6805+0.0479i	0.5528+0.1186i	0.1550-0.0374i	0.7433+0.0641i	0.3698+0.0233i	-0.0048-0.0018i	0.7617+0.0903i	0.5085+0.0890i
3.1	0.6307+0.0451i	0.5421+0.1088i	0.1193-0.0317i	0.6915+0.0614i	0.3127+0.0406i	0.0007-0.0024i	0.7113+0.0846i	0.4962+0.0824i
3.2	0.5787+0.0403i	0.5230+0.1022i	0.0837-0.0300i	0.6377+0.0573i	0.3472+0.0126i	0.0082-0.0027i	0.6562+0.0795i	0.4767+0.0769i
3.3	0.5485+0.0312i	0.5102+0.0942i	0.0628-0.0319i	0.6067+0.0466i	0.3612+0.0178i	0.0132-0.0012i	0.6259+0.0673i	0.4631+0.0703i
3.4	0.5173+0.0255i	0.4967+0.0769i	0.0415-0.0244i	0.5735+0.0372i	0.3219-0.0251i	0.0189+0.0007i	0.5924+0.0526i	0.4500+0.0577i
3.5	0.4949+0.0219i	0.4834+0.0810i	0.0260-0.0301i	0.5479+0.0342i	0.3418+0.0087i	0.0248+0.0006i	0.5658+0.0526i	0.4371+0.0605i
3.6	0.4763+0.0239i	0.4737+0.0743i	0.0112-0.0212i	0.5271+0.0354i	0.3138-0.0120i	0.0310+0.0006i	0.5439+0.0519i	0.4281+0.0565i
3.7	0.4632+0.0230i	0.4630+0.0701i	0.0012-0.0200i	0.5112+0.0343i	0.2989-0.0068i	0.0364+0.0002i	0.5267+0.0495i	0.4185+0.0531i
3.8	0.4515+0.0228i	0.4524+0.0671i	-0.0075-0.0185i	0.4971+0.0338i	0.2680+0.0290i	0.0415-0.0000i	0.5112+0.0482i	0.4089+0.0514i
3.9	0.4371+0.0240i	0.4495+0.0621i	-0.0265-0.0146i	0.4821+0.0346i	0.2785+0.0231i	0.0479-0.0003i	0.4975+0.0454i	0.4043+0.0495i
4.0	0.4287+0.0219i	0.4478+0.0599i	-0.0444-0.0146i	0.4717+0.0330i	0.2921+0.0324i	0.0532+0.0001i	0.4875+0.0435i	0.4027+0.0479i
4.1	0.4214+0.0221i	0.4403+0.0540i	-0.0538-0.0079i	0.4614+0.0317i	0.2808+0.0398i	0.0594+0.0002i	0.4749+0.0425i	0.3964+0.0428i
4.2	0.4141+0.0239i	0.4356+0.0527i	-0.0669-0.0032i	0.4529+0.0331i	0.2591+0.0255i	0.0653-0.0003i	0.4666+0.0438i	0.3905+0.0419i
4.3	0.4069+0.0253i	0.4316+0.0510i	-0.0844+0.0014i	0.4435+0.0337i	0.2388+0.0281i	0.0736-0.0011i	0.4570+0.0441i	0.3857+0.0412i
4.4	0.4032+0.0271i	0.4267+0.0477i	-0.1019+0.0122i	0.4363+0.0354i	0.2629+0.0213i	0.0811-0.0017i	0.4489+0.0443i	0.3809+0.0395i
4.5	0.4002+0.0294i	0.4238+0.0452i	-0.1295+0.0279i	0.4309+0.0370i	0.2585+0.0183i	0.0879-0.0020i	0.4440+0.0441i	0.3776+0.0374i
4.6	0.3995+0.0306i	0.4197+0.0434i	-0.1486+0.0483i	0.4281+0.0372i	0.2588+0.0189i	0.0948-0.0017i	0.4402+0.0438i	0.3738+0.0374i
4.7	0.3989+0.0337i	0.4152+0.0429i	-0.1466+0.1105i	0.4238+0.0391i	0.2407+0.0105i	0.1036-0.0020i	0.4342+0.0465i	0.3697+0.0369i
4.8	0.3964+0.0347i	0.4108+0.0409i	-0.0995+0.1308i	0.4176+0.0403i	0.2740+0.0112i	0.1128-0.0036i	0.4269+0.0481i	0.3663+0.0345i
4.9	0.3927+0.0364i	0.4052+0.0376i	-0.0781+0.0920i	0.4092+0.0420i	0.2849+0.0356i	0.1228-0.0052i	0.4173+0.0486i	0.3612+0.0329i
5.0	0.3965+0.0382i	0.3984+0.0391i	-0.0930+0.0580i	0.4077+0.0444i	0.2270+0.0154i	0.1349-0.0052i	0.4151+0.0501i	0.3550+0.0346i
5.1	0.3977+0.0412i	0.3946+0.0390i	-0.1178+0.0505i	0.4036+0.0488i	0.2220+0.0031i	0.1459-0.0060i	0.4108+0.0528i	0.3521+0.0361i
5.2	0.4033+0.0453i	0.3918+0.0395i	-0.1372+0.0531i	0.4035+0.0535i	0.1806-0.0160i	0.1570-0.0079i	0.4108+0.0573i	0.3491+0.0394i
5.3	0.4096+0.0533i	0.3900+0.0456i	-0.1636+0.0537i	0.4052+0.0615i	0.1747-0.0203i	0.1709-0.0104i	0.4106+0.0664i	0.3466+0.0446i
5.4	0.4161+0.0623i	0.3910+0.0488i	-0.1897+0.0642i	0.4071+0.0715i	0.2621+0.0768i	0.1842-0.0138i	0.4107+0.0757i	0.3467+0.0476i
5.5	0.4222+0.0646i	0.3870+0.0483i	-0.2066+0.0793i	0.4080+0.0766i	0.2166+0.0612i	0.1960-0.0192i	0.4092+0.0804i	0.3440+0.0471i
5.6	0.4292+0.0674i	0.3852+0.0511i	-0.2359+0.0879i	0.4081+0.0818i	0.2434-0.0246i	0.2114-0.0226i	0.4064+0.0851i	0.3435+0.0502i

5.7	0.4347+0.0733i	0.3934+0.0558i	-0.2877+0.0997i	0.4055+0.0899i	0.2512+0.0011i	0.2331-0.0259i	0.4035+0.0920i	0.3513+0.0563i
5.8	0.4432+0.0792i	0.3962+0.0561i	-0.3299+0.1304i	0.4064+0.1007i	0.2363+0.0647i	0.2529-0.0370i	0.4043+0.1038i	0.3543+0.0578i
5.9	0.4630+0.0912i	0.3965+0.0574i	-0.3499+0.1639i	0.4201+0.1173i	0.1930+0.0761i	0.2669-0.0489i	0.4165+0.1208i	0.3551+0.0582i
6.0	0.4947+0.1084i	0.3960+0.0522i	-0.3314+0.2114i	0.4464+0.1363i	0.2233+0.0955i	0.2717-0.0616i	0.4406+0.1402i	0.3569+0.0536i
6.1	0.5363+0.1031i	0.3942+0.0514i	-0.3428+0.2371i	0.4786+0.1351i	0.2535+0.0588i	0.2797-0.0677i	0.4708+0.1408i	0.3561+0.0537i
6.2	0.5611+0.1021i	0.3935+0.0518i	-0.3696+0.2449i	0.4946+0.1355i	0.2765+0.0054i	0.2908-0.0689i	0.4851+0.1396i	0.3570+0.0544i
6.3	0.5870+0.0993i	0.3915+0.0536i	-0.4127+0.2479i	0.5066+0.1334i	0.2508+0.0580i	0.3096-0.0681i	0.4939+0.1375i	0.3575+0.0554i
6.4	0.6326+0.0895i	0.3975+0.0533i	-0.4850+0.2652i	0.5365+0.1278i	0.2948+0.0377i	0.3305-0.0645i	0.5217+0.1328i	0.3653+0.0558i
6.5	0.6702+0.0862i	0.3978+0.0531i	-0.5473+0.3066i	0.5561+0.1328i	0.2900+0.0841i	0.3525-0.0670i	0.5387+0.1394i	0.3669+0.0553i
6.6	0.7322+0.0668i	0.3959+0.0503i	-0.6435+0.3680i	0.5908+0.1252i	0.2334-0.0087i	0.3860-0.0731i	0.5687+0.1329i	0.3696+0.0499i
6.7	0.8090+0.0345i	0.3928+0.0513i	-0.7083+0.4418i	0.6410+0.1100i	0.2725-0.0327i	0.4115-0.0815i	0.6127+0.1203i	0.3692+0.0492i
6.8	0.8918-0.0021i	0.3857+0.0521i	-0.8622+0.5220i	0.6813+0.0956i	0.2986-0.0159i	0.4469-0.0896i	0.6439+0.1075i	0.3675+0.0483i
6.9	1.0099-0.1187i	0.3780+0.0616i	-1.0293+0.8024i	0.7522+0.0495i	0.3004-0.0066i	0.4792-0.1097i	0.7043+0.0721i	0.3689+0.0478i
7.0	1.1648-0.3126i	0.3649+0.0786i	-1.2869+1.2160i	0.8414-0.0352i	0.3008-0.0119i	0.5064-0.1153i	0.7789+0.0069i	0.3689+0.0476i
7.1	1.1101-0.7207i	0.3681+0.1170i	-1.0961+2.0334i	0.8338-0.2405i	0.2599+0.0980i	0.5527-0.1174i	0.7792-0.1585i	0.3654+0.0496i
7.2	0.5875-0.9072i	0.4227+0.1295i	0.0378+2.2196i	0.5923-0.3734i	0.2403+0.0957i	0.6336-0.1163i	0.5910-0.2779i	0.3719+0.0475i
7.3	0.2805-0.8051i	0.4559+0.1169i	0.5773+1.9507i	0.4313-0.3386i	0.2856+0.0330i	0.7140-0.1501i	0.4611-0.2555i	0.3778+0.0440i
7.4	0.0963-0.5827i	0.4675+0.0931i	0.9543+1.5145i	0.3341-0.2310i	0.2777+0.0234i	0.7310-0.2212i	0.3797-0.1712i	0.3674+0.0372i
7.5	0.1196-0.3069i	0.4656+0.0714i	0.9197+0.9387i	0.3404-0.0966i	0.3155-0.0516i	0.7574-0.2353i	0.3819-0.0621i	0.3621+0.0418i
7.6	0.2649-0.1737i	0.4573+0.0616i	0.5987+0.6878i	0.4063-0.0299i	0.2514+0.0067i	0.8327-0.2591i	0.4346-0.0077i	0.3646+0.0469i
7.7	0.3673-0.1640i	0.4506+0.0554i	0.3186+0.6810i	0.4482-0.0245i	0.2714-0.0084i	0.9357-0.3107i	0.4666-0.0048i	0.3646+0.0443i
7.8	0.4533-0.1779i	0.4486+0.0547i	0.1677+0.7885i	0.4976-0.0227i	0.2706-0.0179i	1.0173-0.4033i	0.5068-0.0034i	0.3686+0.0432i
7.9	0.4537-0.1981i	0.4479+0.0566i	0.1748+0.8571i	0.4961-0.0291i	0.3142+0.0247i	1.0493-0.4763i	0.5066-0.0068i	0.3655+0.0454i
8.0	0.4663-0.1909i	0.4468+0.0562i	0.1319+0.8516i	0.4963-0.0260i	0.3201+0.0510i	1.1156-0.5379i	0.5059-0.0031i	0.3614+0.0457i
8.1	0.5121-0.1801i	0.4456+0.0546i	0.0884+0.8580i	0.5237-0.0145i	0.2990+0.0183i	1.1818-0.5974i	0.5289+0.0059i	0.3609+0.0469i
8.2	0.5471-0.1689i	0.4462+0.0544i	0.0119+0.8735i	0.5435-0.0057i	0.3204+0.0500i	1.2676-0.6487i	0.5474+0.0127i	0.3604+0.0487i
8.3	0.6211-0.1666i	0.4477+0.0567i	-0.1744+0.8912i	0.5809-0.0045i	0.2848+0.0620i	1.4334-0.7052i	0.5801+0.0132i	0.3616+0.0516i
8.4	0.6934-0.2010i	0.4436+0.0570i	-0.2834+0.9758i	0.6176-0.0195i	0.3495-0.0569i	1.5733-0.8363i	0.6109-0.0000i	0.3615+0.0555i
8.5	0.7816-0.2506i	0.4353+0.0545i	-0.4729+1.1335i	0.6594-0.0381i	0.3555+0.0464i	1.7983-1.0301i	0.6471-0.0171i	0.3543+0.0543i
8.6	0.8396-0.3526i	0.4256+0.0594i	-0.6006+1.4213i	0.6887-0.0846i	0.1945+0.0791i	1.9496-1.3354i	0.6725-0.0583i	0.3428+0.0543i
8.7	0.9046-0.4230i	0.4136+0.0621i	-0.7676+1.6106i	0.7147-0.1190i	0.2184+0.0563i	2.1935-1.5512i	0.6939-0.0891i	0.3279+0.0541i
8.8	0.9937-0.4995i	0.4100+0.0736i	-1.0019+1.8773i	0.7577-0.1466i	0.3410+0.0479i	2.4656-1.8532i	0.7310-0.1139i	0.3275+0.0635i
8.9	1.1000-0.6905i	0.4080+0.0936i	-1.2901+2.4449i	0.8084-0.2261i	0.3406+0.1211i	2.7913-2.5062i	0.7695-0.1825i	0.3310+0.0758i
9.0	1.0818-0.9763i	0.4045+0.1107i	-1.1051+3.3543i	0.8142-0.3406i	0.3007+0.0811i	2.6527-3.4953i	0.7736-0.2778i	0.3206+0.0772i
9.1	1.0107-1.1161i	0.4014+0.1227i	-0.8859+3.8716i	0.7879-0.3943i	0.2911+0.0813i	2.4484-4.0443i	0.7529-0.3219i	0.3002+0.0855i
9.2	1.2944-1.5343i	0.3669+0.1506i	-1.7227+5.3511i	0.9119-0.5571i	0.3138+0.0085i	3.4009-5.6150i	0.8556-0.4541i	0.2737+0.1034i
9.3	0.6719-2.2721i	0.3849+0.2303i	0.5142+7.6062i	0.6833-0.8736i	0.1888+0.0856i	1.0879-8.1053i	0.6683-0.7164i	0.2583+0.1560i
9.4	-0.4314-2.3235i	0.4661+0.2958i	4.2578+7.6224i	0.2481-0.9153i	0.2091+0.1837i	-2.8193-8.2163i	0.3099-0.7560i	0.2817+0.2295i
9.5	-0.9564-1.7681i	0.5393+0.2902i	6.0004+5.7029i	0.0287-0.7061i	0.2424+0.2214i	-4.6403-6.2346i	0.1280-0.5851i	0.3298+0.2595i
9.6	-1.1440-1.1497i	0.5959+0.2629i	6.5834+3.6138i	-0.0564-0.4640i	0.3260+0.2495i	-5.2623-4.0593i	0.0558-0.3880i	0.3773+0.2715i
9.7	-1.0037-0.7695i	0.6211+0.2363i	6.1408+2.3123i	-0.0073-0.3096i	0.3437+0.2999i	-4.7703-2.7484i	0.0957-0.2609i	0.4107+0.2692i
9.8	-0.8273-0.5696i	0.6325+0.2150i	5.6159+1.6426i	0.0651-0.2279i	0.3490+0.2726i	-4.1895-2.0652i	0.1562-0.1928i	0.4325+0.2642i
9.9	-0.7139-0.4117i	0.6564+0.1992i	5.2628+1.1192i	0.1113-0.1616i	0.3908+0.2491i	-3.8112-1.5255i	0.1949-0.1385i	0.4688+0.2618i
10.0	-0.6383-0.3186i	0.6754+0.1931i	5.0267+0.7964i	0.1427-0.1202i	0.4077+0.2329i	-3.5511-1.2191i	0.2188-0.1045i	0.4935+0.2662i
10.1	-0.5518-0.2567i	0.6983+0.1807i	4.7829+0.5882i	0.1781-0.0956i	0.5480+0.2227i	-3.2459-1.0042i	0.2458-0.0869i	0.5224+0.2602i
10.2	-0.4800-0.2207i	0.7091+0.1687i	4.6366+0.4532i	0.2082-0.0817i	0.5505+0.2210i	-3.0192-0.8982i	0.2714-0.0748i	0.5396+0.2531i
10.3	-0.4305-0.2028i	0.7255+0.1531i	4.5489+0.3392i	0.2330-0.0737i	0.5158+0.1923i	-2.8808-0.8626i	0.2911-0.0661i	0.5614+0.2424i
10.4	-0.3925-0.1847i	0.7355+0.1338i	4.5604+0.2343i	0.2568-0.0675i	0.5657+0.1887i	-2.8075-0.7950i	0.3104-0.0608i	0.5752+0.2251i
10.5	-0.3739-0.1508i	0.7425+0.1212i	4.5668+0.1319i	0.2675-0.0528i	0.5256+0.2177i	-2.7775-0.6887i	0.3199-0.0479i	0.5877+0.2138i
10.6	-0.3423-0.1134i	0.7618+0.1035i	4.5014+0.0066i	0.2893-0.0374i	0.6370+0.1177i	-2.7230-0.5455i	0.3372-0.0335i	0.6107+0.1930i
10.7	-0.3121-0.0961i	0.7728+0.0978i	4.5160-0.1827i	0.3030-0.0349i	0.5998+0.1877i	-2.6334-0.4456i	0.3504-0.0312i	0.6193+0.1890i
10.8	-0.2884-0.0787i	0.7759+0.0876i	4.5607-0.2888i	0.3128-0.0303i	0.5802+0.1297i	-2.5369-0.3781i	0.3608-0.0292i	0.6131+0.1807i
10.9	-0.2547-0.0593i	0.7884+0.0755i	4.5376-0.3639i	0.3342-0.0212i	0.5715+0.0998i	-2.4579-0.3196i	0.3806-0.0239i	0.6241+0.1679i
11.0	-0.2268-0.0494i	0.7918+0.0663i	4.5944-0.5140i	0.3497-0.0155i	0.5269+0.0967i	-2.3800-0.2946i	0.3929-0.0161i	0.6243+0.1583i
11.1	-0.2055-0.0328i	0.8000+0.0526i	4.5855-0.7052i	0.3650-0.0070i	0.5460+0.1047i	-2.3350-0.2683i	0.4097-0.0127i	0.6319+0.1554i
11.2	-0.1916-0.0231i	0.8074+0.0458i	4.5686-0.8526i	0.3726-0.0007i	0.5602+0.1312i	-2.2999-0.2557i	0.4182-0.0089i	0.6380+0.1494i
11.3	-0.1705-0.0116i	0.8168+0.0386i	4.6013-1.0009i	0.3907+0.0067i	0.5922+0.1202i	-2.2651-0.2474i	0.4355-0.0020i	0.6445+0.1463i
11.4	-0.1637-0.0054i	0.8248+0.0296i	4.5782-1.1253i	0.4012+0.0105i	0.5917+0.1516i	-2.2712-0.2278i	0.4502+0.0003i	0.6461+0.1406i
11.5	-0.1508+0.0048i	0.8380+0.0202i	4.5697-1.2380i	0.4132+0.0144i	0.5801+0.1662i	-2.2633-0.1892i	0.4645+0.0008i	0.6517+0.1345i
11.6	-0.1352+0.0069i	0.8413+0.0162i	4.4571-1.4270i	0.4265+0.0176i	0.6313+0.1133i	-2.2432-0.1833i	0.4783+0.0002i	0.6441+0.1262i
11.7	-0.1266+0.0136i	0.8402+0.0177i	4.2435-1.4308i	0.4392+0.0196i	0.5517+0.0796i	-2.2505-0.1610i	0.4952-0.0031i	0.6279+0.1331i
11.8	-0.1189+0.0258i	0.8452+0.0179i	4.2483-1.3218i	0.4552+0.0240i	0.6152+0.1818i	-2.2660-0.1233i	0.5131-0.0071i	0.6216+0.1431i
11.9	-0.1087+0.0359i	0.8494+0.0185i	4.4024-1.1830i	0.4651+0.0205i	0.7004+0.2004i	-2.2348-0.0751i	0.5265-0.0163i	0.6117+0.1566i

12.0	-0.0988+0.0467i	0.8650+0.0247i	4.5632-1.1271i	0.4794+0.0243i	0.6500+0.1928i	-2.2256-0.0590i	0.5423-0.0209i	0.6125+0.1771i
12.1	-0.0955+0.0573i	0.8706+0.0295i	4.8297-1.0816i	0.4868+0.0267i	0.4900+0.1708i	-2.2171-0.0247i	0.5530-0.0310i	0.6032+0.1998i
12.2	-0.0952+0.0737i	0.8796+0.0374i	5.0303-1.0995i	0.4937+0.0328i	0.5246+0.1765i	-2.2098-0.0028i	0.5643-0.0416i	0.5951+0.2273i
12.3	-0.0965+0.0894i	0.8870+0.0485i	5.2758-1.1270i	0.4982+0.0393i	0.5766+0.2425i	-2.2034-0.0047i	0.5742-0.0503i	0.5795+0.2601i
12.4	-0.0880+0.1120i	0.9013+0.0748i	5.4382-1.4221i	0.5138+0.0593i	0.6221+0.3367i	-2.2168-0.0358i	0.5881-0.0547i	0.5834+0.3273i
12.5	-0.0704+0.1467i	0.9410+0.1059i	5.6376-1.6132i	0.5416+0.0789i	0.5972+0.4103i	-2.2621-0.0303i	0.6068-0.0759i	0.6208+0.4140i
12.6	-0.0649+0.1950i	0.9748+0.1449i	5.9117-1.7436i	0.5570+0.1032i	0.6038+0.4688i	-2.3005-0.0106i	0.6120-0.0928i	0.6436+0.5128i
12.7	-0.0434+0.2325i	1.0166+0.1888i	6.1484-1.9204i	0.5789+0.1280i	0.7099+0.6291i	-2.3150-0.0180i	0.6079-0.1035i	0.6977+0.6065i
12.8	0.0082+0.2770i	1.1071+0.2162i	6.3143-2.1637i	0.6255+0.1536i	1.0016+0.7646i	-2.3712-0.0014i	0.5956-0.1115i	0.8280+0.6932i
12.9	0.0691+0.3076i	1.2082+0.2336i	6.2331-2.2803i	0.6899+0.1685i	1.1816+0.8716i	-2.4724+0.0172i	0.5996-0.1151i	0.9900+0.7512i
13.0	0.1658+0.3058i	1.3410+0.2014i	6.2619-2.2032i	0.7671+0.1564i	1.3574+0.6324i	-2.5326+0.0946i	0.5879-0.1102i	1.2208+0.7149i
13.1	0.2067+0.3039i	1.4027+0.1842i	6.5894-2.1964i	0.7939+0.1559i	1.4483+0.5872i	-2.5282+0.1095i	0.5781-0.0940i	1.3200+0.6763i
13.2	0.2662+0.2981i	1.5149+0.1496i	7.0797-2.1102i	0.8498+0.1487i	1.7167+0.5157i	-2.5712+0.1415i	0.5853-0.0716i	1.4713+0.6202i
13.3	0.3009+0.2817i	1.5853+0.1257i	7.4488-2.0640i	0.8892+0.1417i	1.8633+0.5490i	-2.6166+0.1397i	0.6006-0.0504i	1.5357+0.5746i
13.4	0.3655+0.2556i	1.7097+0.0536i	8.1992-2.1715i	0.9622+0.1207i	1.8294+0.4490i	-2.6851+0.2060i	0.6390-0.0289i	1.6599+0.4812i
13.5	0.4021+0.2367i	1.7828-0.0098i	8.9543-2.4094i	1.0034+0.1082i	1.9057+0.3219i	-2.7010+0.2421i	0.6678-0.0155i	1.7232+0.4141i
13.6	0.4457+0.2017i	1.9023-0.0816i	9.7074-2.5646i	1.0670+0.0808i	2.0428+0.2011i	-2.7898+0.2492i	0.7133-0.0145i	1.8218+0.3377i
13.7	0.4825+0.1395i	2.0131-0.1861i	10.4854-2.9228i	1.1353+0.0304i	2.0578+0.0639i	-2.8763+0.2272i	0.7634-0.0301i	1.8930+0.2344i
13.8	0.5119+0.1137i	2.1143-0.2571i	11.6317-3.2538i	1.1809+0.0133i	2.1903-0.0097i	-2.9113+0.2088i	0.7910-0.0315i	1.9628+0.1801i
13.9	0.5417+0.0802i	2.2327-0.3470i	12.8953-3.7462i	1.2372-0.0051i	2.2185-0.0138i	-2.9970+0.1591i	0.8272-0.0383i	2.0452+0.1260i
14.0	0.5585+0.0095i	2.3070-0.5387i	14.3246-4.8418i	1.2866-0.0823i	2.3022-0.1749i	-3.1209+0.1566i	0.8512-0.0730i	2.1160-0.0048i
14.1	0.5803-0.0428i	2.4115-0.7232i	15.8794-5.6508i	1.3441-0.1501i	2.7126-0.1778i	-3.3081+0.1538i	0.8807-0.1056i	2.2314-0.1062i
14.2	0.5866-0.0869i	2.5188-0.8922i	17.0519-6.7700i	1.4077-0.2016i	2.7931-0.3668i	-3.5569+0.1729i	0.9258-0.1257i	2.3313-0.1968i
14.3	0.5797-0.1335i	2.5988-1.0791i	18.9346-8.8377i	1.4480-0.2557i	2.9180-0.5338i	-3.7802+0.2057i	0.9474-0.1416i	2.4155-0.3145i
14.4	0.5839-0.1983i	2.7218-1.3287i	21.0837-10.6005i	1.5120-0.3432i	3.0670-0.6393i	-4.0514+0.2934i	0.9793-0.1805i	2.5415-0.4650i
14.5	0.6007-0.2818i	2.8686-1.7270i	23.6907-13.8953i	1.6155-0.4507i	3.0838-0.9863i	-4.3745+0.3420i	1.0402-0.2162i	2.6873-0.7017i
14.6	0.5641-0.3556i	2.8163-2.1507i	24.8982-18.1280i	1.6285-0.5410i	3.2728-1.4124i	-4.6836+0.2758i	1.0495-0.2439i	2.7532-0.9258i
14.7	0.4147-0.4386i	2.3263-2.5892i	22.9095-22.2118i	1.5625-0.6929i	3.1053-1.7142i	-5.3019+0.4933i	1.0319-0.3167i	2.6158-1.2309i
14.8	0.3020-0.4350i	1.9145-2.6577i	20.9293-24.6250i	1.5579-0.7329i	3.1948-1.8754i	-5.9899+0.7798i	1.0585-0.3207i	2.5110-1.3531i
14.9	0.2228-0.3334i	1.5950-2.4096i	21.0675-24.8277i	1.5758-0.7416i	3.0805-1.8966i	-6.6037+1.5029i	1.0906-0.3327i	2.4550-1.3780i
15.0	0.2335-0.2710i	1.7137-2.2022i	24.2405-24.6461i	1.6872-0.7414i	3.3364-1.8406i	-7.1681+1.9204i	1.1597-0.3351i	2.6073-1.3393i
15.1	0.2645-0.2297i	2.1432-2.1916i	31.6173-28.4880i	1.9275-0.8883i	3.9680-2.1958i	-8.2461+3.0948i	1.2929-0.4199i	3.0336-1.5164i
15.2	0.2671-0.1864i	2.6871-2.4995i	41.2794-38.3668i	2.1197-1.0760i	4.4248-2.7648i	-9.0148+4.5092i	1.3712-0.5084i	3.4938-1.8946i
15.3	0.2841-0.1561i	3.0052-3.0782i	48.0567-52.8342i	2.1960-1.3268i	4.7061-3.6778i	-9.1071+6.0800i	1.3748-0.5987i	3.7323-2.4747i
15.4	0.2707-0.1316i	3.2482-4.3926i	54.1514-82.6168i	2.1930-1.8765i	5.0228-5.4387i	-8.8500+9.1178i	1.3369-0.7942i	3.8823-3.7375i
15.5	0.3451-0.1099i	2.6113-6.0946i	37.2709-118.7498i	2.0039-2.5731i	4.1765-7.7389i	-7.1534+12.5902i	1.3097-1.0512i	3.3786-5.3439i
15.6	0.4073-0.0546i	1.0697-7.5047i	1.0254-155.1669i	1.4497-2.9703i	2.2215-9.4770i	-3.6233+14.7385i	1.1588-1.1059i	1.9756-6.6324i
15.7	0.4314-0.0861i	-1.2375-7.3170i	-53.7145-150.6573i	0.6635-2.9556i	-1.0880-9.4382i	0.7007+13.9882i	0.9551-1.1471i	-0.1176-6.5293i
15.8	0.5301-0.1902i	-3.8835-5.6210i	-123.2296-106.1588i	-0.1010-2.5584i	-4.1700-7.5306i	5.0764+10.6662i	0.8402-1.1621i	-2.4882-5.1349i
15.9	0.6441-0.1463i	-4.6721-4.3953i	-151.8444-78.5084i	-0.1168-2.1064i	-5.0781-5.5566i	5.7453+8.1868i	0.9781-0.9998i	-3.0974-4.0197i
16.0	0.7074-0.2240i	-4.7869-3.2466i	-160.5029-43.9024i	-0.0194-1.8939i	-5.1482-4.2546i	5.4064+6.4328i	1.0842-1.0502i	-3.1457-3.0594i
16.1	0.8064-0.3318i	-4.5823-2.1322i	-160.8992-4.6816i	0.2020-1.8392i	-4.9965-3.0269i	4.5500+5.2194i	1.2151-1.2122i	-2.8883-2.1957i
16.2	0.9108-0.4013i	-4.2264-1.4499i	-156.5766+18.0596i	0.4580-1.8099i	-4.3181-2.3915i	3.6590+4.5055i	1.3438-1.2906i	-2.4973-1.7019i
16.3	0.9345-0.5706i	-3.8440-0.9308i	-143.8441+43.7341i	0.5341-1.9994i	-3.8251-1.8823i	3.0837+4.3358i	1.3358-1.5176i	-2.1677-1.4434i
16.4	0.8626-0.7781i	-3.4285-0.3179i	-121.2019+76.2566i	0.3942-2.2710i	-3.5530-1.3400i	2.8254+4.2898i	1.1672-1.8350i	-1.9359-1.1334i
16.5	0.7667-0.8719i	-3.0072-0.0435i	-97.8503+87.9253i	0.2064-2.4072i	-3.2614-1.1998i	2.6775+4.4032i	0.9834-1.9669i	-1.7374-1.0208i
16.6	0.5956-0.9562i	-2.5307+0.2366i	-65.0845+97.9843i	-0.1944-2.4547i	-3.0070-0.9972i	3.0000+4.6058i	0.6471-2.1053i	-1.5626-0.8555i
16.7	0.5155-0.9952i	-2.1248+0.3247i	-40.9192+96.0569i	-0.4148-2.3574i	-2.6909-0.8371i	3.4452+4.3913i	0.3963-2.1112i	-1.4083-0.7456i
16.8	0.4099-1.0774i	-1.7582+0.3315i	-15.1206+91.1154i	-0.6840-2.2379i	-2.4022-0.5683i	4.0346+3.8733i	0.0759-2.0820i	-1.2896-0.6046i
16.9	0.3491-1.2076i	-1.6018+0.3165i	0.8127+88.1676i	-0.8218-2.2404i	-2.1833-0.3924i	4.3377+3.4058i	-0.0860-2.1182i	-1.1936-0.5185i
17.0	0.2133-1.2765i	-1.4369+0.2738i	9.6193+76.0402i	-0.9608-2.1941i	-2.1626-0.4371i	4.2066+2.9670i	-0.2315-2.0770i	-1.0732-0.5472i
17.1	-0.0179-1.2088i	-1.2584+0.2207i	14.8165+56.3736i	-1.1654-1.8782i	-1.9902-0.4968i	3.9635+2.2204i	-0.4606-1.8265i	-0.9879-0.5059i
17.2	-0.0959-1.2420i	-1.2396+0.1791i	16.0403+56.1914i	-1.1930-1.8331i	-2.0022-0.4350i	3.8036+2.2066i	-0.5086-1.8267i	-0.9591-0.4423i
17.3	-0.2601-1.1974i	-1.1648+0.1859i	20.8847+49.1829i	-1.3008-1.7082i	-1.7093-0.3769i	3.7557+2.0114i	-0.6527-1.7167i	-0.8556-0.4360i
17.4	-0.4184-1.0705i	-1.0937+0.2028i	22.2963+39.2609i	-1.4026-1.4756i	-1.6386-0.3862i	3.6711+1.6312i	-0.7878-1.5117i	-0.8125-0.4199i
17.5	-0.5443-1.0040i	-1.0568+0.2162i	24.5599+36.2579i	-1.4886-1.3599i	-1.5597-0.3662i	3.6293+1.4522i	-0.8911-1.4287i	-0.7859-0.4173i
17.6	-0.6390-0.8595i	-1.0064+0.2562i	27.2721+30.5941i	-1.5383-1.1582i	-1.5468-0.3639i	3.5674+1.1972i	-0.9830-1.2582i	-0.7467-0.3939i
17.7	-0.6942-0.7386i	-0.9670+0.3040i	29.6454+25.1637i	-1.5615-0.9960i	-1.4641-0.3614i	3.5392+0.9598i	-1.0458-1.1080i	-0.7129-0.3739i
17.8	-0.7241-0.6459i	-0.8958+0.3602i	30.5628+20.9047i	-1.5681-0.8847i	-1.4873-0.3460i	3.4735+0.7635i	-1.0743-0.9966i	-0.6954-0.3696i
17.9	-0.6819-0.5072i	-0.7763+0.3874i	26.7121+14.1048i	-1.4746-0.7063i	-1.4802-0.3684i	3.2530+0.4836i	-1.0052-0.8081i	-0.6824-0.3528i
18.0	-0.6377-0.3895i	-0.6659+0.3765i	22.6546+9.5875i	-1.3818-0.5610i	-1.4561-0.2881i	3.0072+0.2683i	-0.9292-0.6575i	-0.6705-0.3124i
18.1	-0.5854-0.3013i	-0.5790+0.3402i	19.6621+6.8170i	-1.2848-0.4427i	-1.4555-0.2747i	2.7650+0.0726i	-0.8531-0.5367i	-0.6449-0.2702i
18.2	-0.5593-0.2554i	-0.5339+0.3173i	18.6005+5.5324i	-1.2340-0.3772i	-1.4030-0.2429i	2.5973-0.0728i	-0.8079-0.4741i	-0.6313-0.2395i

18.3	-0.5341-0.2251i	-0.5007+0.2887i	17.9781+5.0238i	-1.1850-0.3443i	-1.4088-0.1594i	2.4019-0.1320i	-0.7651-0.4391i	-0.6102-0.2057i
18.4	-0.5009-0.1948i	-0.4983+0.2598i	17.4809+4.1700i	-1.1185-0.3024i	-1.4051-0.1403i	2.1703-0.2383i	-0.7171-0.3965i	-0.5727-0.1673i
18.5	-0.4475-0.1748i	-0.5347+0.2815i	15.6707+1.9898i	-1.0043-0.3010i	-1.3761-0.0877i	1.6940-0.2222i	-0.6155-0.3650i	-0.5005-0.1364i
18.6	-0.4569-0.1457i	-0.5088+0.4009i	13.9678-0.1910i	-1.0121-0.3122i	-1.3648-0.0886i	1.4924+0.0687i	-0.5896-0.3639i	-0.4579-0.1422i
18.7	-0.4369-0.0881i	-0.3604+0.4703i	10.7914-1.2924i	-1.0170-0.2524i	-1.3370-0.1038i	1.5566+0.1991i	-0.5706-0.3301i	-0.4461-0.1484i
18.8	-0.3779-0.0481i	-0.2125+0.4207i	8.3751-0.4487i	-0.9654-0.1905i	-1.3092-0.0624i	1.5256+0.1930i	-0.5237-0.3012i	-0.4281-0.1317i
18.9	-0.3381-0.0238i	-0.1398+0.3670i	7.2855+0.4429i	-0.9257-0.1553i	-1.2965-0.0210i	1.4667+0.2485i	-0.4955-0.2866i	-0.4021-0.1091i
19.0	-0.2869-0.0008i	-0.0690+0.3102i	6.0344+0.9545i	-0.8716-0.1161i	-1.2429+0.0099i	1.4168+0.2983i	-0.4579-0.2610i	-0.3629-0.0908i
19.1	-0.2408+0.0103i	-0.0336+0.2495i	5.5681+1.4485i	-0.8223-0.0906i	-1.1992+0.0336i	1.4218+0.3296i	-0.4254-0.2422i	-0.3255-0.0792i
19.2	-0.2080+0.0132i	-0.0134+0.2022i	5.7378+2.0495i	-0.7912-0.0781i	-1.1624+0.0626i	1.4390+0.3448i	-0.4047-0.2345i	-0.2864-0.0679i
19.3	-0.1697+0.0043i	-0.0075+0.1604i	5.7437+2.4111i	-0.7532-0.0694i	-1.1419+0.0831i	1.4402+0.3325i	-0.3730-0.2295i	-0.2473-0.0704i
19.4	-0.1443-0.0020i	0.0034+0.1349i	5.5662+2.5048i	-0.7219-0.0590i	-1.1109+0.0977i	1.4126+0.3177i	-0.3467-0.2204i	-0.2171-0.0788i
19.5	-0.1036-0.0049i	0.0264+0.1132i	4.9777+2.2133i	-0.6685-0.0358i	-1.0988+0.1271i	1.3630+0.2663i	-0.3068-0.2025i	-0.1808-0.0858i
19.6	-0.0797-0.0136i	0.0418+0.0959i	5.0184+2.2894i	-0.6384-0.0329i	-1.0873+0.0940i	1.3308+0.2443i	-0.2811-0.2000i	-0.1546-0.0917i
19.7	-0.0619-0.0324i	0.0603+0.0768i	5.1380+2.2400i	-0.6128-0.0392i	-1.0938+0.0901i	1.2748+0.2407i	-0.2579-0.2036i	-0.1303-0.1115i
19.8	-0.0397-0.0476i	0.0811+0.0476i	5.2208+2.4359i	-0.5888-0.0429i	-1.0898+0.0784i	1.2132+0.2706i	-0.2336-0.2097i	-0.0926-0.1251i
19.9	-0.0177-0.0535i	0.1048+0.0246i	5.0541+2.5312i	-0.5630-0.0400i	-1.0704+0.0869i	1.1568+0.2984i	-0.2099-0.2095i	-0.0595-0.1321i
20.0	0.0066-0.0699i	0.1249-0.0003i	4.9500+2.5967i	-0.5375-0.0464i	-1.0576+0.0890i	1.1102+0.3407i	-0.1823-0.2155i	-0.0240-0.1553i
20.1	0.0288-0.0792i	0.1391-0.0189i	4.7342+2.4941i	-0.5112-0.0465i	-1.0575+0.1386i	1.0711+0.3777i	-0.1567-0.2167i	0.0059-0.1749i
20.2	0.0407-0.0992i	0.1636-0.0495i	5.1687+2.3747i	-0.5070-0.0509i	-1.1148+0.1372i	1.0980+0.4148i	-0.1477-0.2312i	0.0286-0.2135i
20.3	0.0531-0.1185i	0.1856-0.0784i	5.3189+2.0636i	-0.4987-0.0491i	-1.0942+0.1215i	1.1136+0.4458i	-0.1359-0.2396i	0.0461-0.2583i
20.4	0.0717-0.1472i	0.2184-0.1307i	5.3105+1.7998i	-0.4865-0.0466i	-1.0800+0.1683i	1.1190+0.4689i	-0.1176-0.2526i	0.0662-0.3117i
20.5	0.0841-0.1717i	0.2407-0.1806i	5.2358+1.5806i	-0.4808-0.0415i	-1.1147+0.1901i	1.1268+0.4788i	-0.1054-0.2647i	0.0875-0.3614i
20.6	0.0888-0.2138i	0.2450-0.2616i	5.3010+1.1444i	-0.4732-0.0325i	-1.1534+0.2539i	1.1517+0.4817i	-0.0968-0.2845i	0.0790-0.4423i
20.7	0.0669-0.2445i	0.2120-0.3245i	5.2869+0.8906i	-0.4672-0.0256i	-1.1496+0.2885i	1.1606+0.4930i	-0.1015-0.3021i	0.0302-0.5022i
20.8	0.0573-0.2737i	0.1899-0.3673i	5.2219+0.7401i	-0.4569-0.0225i	-1.1300+0.3465i	1.1970+0.5066i	-0.1017-0.3217i	-0.0150-0.5496i
20.9	0.0339-0.2932i	0.1502-0.4107i	4.9166+0.5040i	-0.4445-0.0159i	-1.1100+0.4163i	1.2077+0.4837i	-0.1105-0.3310i	-0.0805-0.5713i
21.0	0.0068-0.3246i	0.0874-0.4688i	4.7429+0.2867i	-0.4248-0.0071i	-1.0889+0.4546i	1.2069+0.4931i	-0.1159-0.3494i	-0.1617-0.6236i
21.1	-0.0224-0.3240i	0.0336-0.4841i	4.4403+0.1663i	-0.4053+0.0012i	-1.0660+0.4567i	1.1928+0.4931i	-0.1211-0.3466i	-0.2399-0.6150i
21.2	-0.0505-0.3267i	-0.0150-0.4769i	4.3020+0.1888i	-0.3957-0.0124i	-1.0073+0.5249i	1.2520+0.5294i	-0.1364-0.3547i	-0.3151-0.5931i
21.3	-0.0793-0.3208i	-0.0778-0.4630i	4.0347+0.2892i	-0.3761-0.0219i	-1.0143+0.5232i	1.2961+0.5655i	-0.1455-0.3536i	-0.4042-0.5646i
21.4	-0.1076-0.3115i	-0.1266-0.4538i	3.9257+0.1069i	-0.3686-0.0151i	-0.9720+0.5277i	1.3487+0.5393i	-0.1630-0.3435i	-0.4737-0.5343i
21.5	-0.1222-0.2909i	-0.1466-0.4230i	3.9580-0.0582i	-0.3717-0.0130i	-0.9868+0.5501i	1.4212+0.4826i	-0.1732-0.3310i	-0.5115-0.4595i
21.6	-0.1277-0.2724i	-0.1411-0.3844i	3.9291+0.0481i	-0.3782-0.0249i	-1.0113+0.5822i	1.4789+0.4564i	-0.1727-0.3269i	-0.5380-0.3766i
21.7	-0.1385-0.2619i	-0.1407-0.3727i	3.9501-0.0180i	-0.3883-0.0210i	-1.0269+0.6390i	1.5229+0.3983i	-0.1793-0.3199i	-0.5542-0.3196i
21.8	-0.1455-0.2574i	-0.1446-0.3706i	3.8836-0.0908i	-0.3905-0.0169i	-1.0327+0.6807i	1.5464+0.3400i	-0.1820-0.3198i	-0.5683-0.2744i
21.9	-0.1501-0.2405i	-0.1392-0.3607i	3.8614-0.2322i	-0.4013-0.0034i	-1.1043+0.7493i	1.5685+0.2792i	-0.1850-0.3124i	-0.5706-0.2026i
22.0	-0.1537-0.2231i	-0.1316-0.3696i	4.0087-0.5077i	-0.4148+0.0280i	-1.0717+0.8823i	1.6196+0.1775i	-0.1922-0.2983i	-0.5684-0.1290i
22.1	-0.1549-0.2233i	-0.1340-0.3946i	4.0409-0.8237i	-0.4160+0.0534i	-1.0726+1.0266i	1.6425+0.0629i	-0.1954-0.2994i	-0.5572-0.0747i
22.2	-0.1490-0.2144i	-0.1185-0.4104i	3.8360-0.9178i	-0.4114+0.0739i	-1.0601+1.0871i	1.6144-0.0079i	-0.1846-0.2932i	-0.5440-0.0141i
22.3	-0.1516-0.1993i	-0.1324-0.4187i	3.7194-1.1416i	-0.4018+0.1023i	-0.9734+1.2006i	1.5916-0.0766i	-0.1872-0.2828i	-0.5279+0.0428i
22.4	-0.1516-0.2002i	-0.1555-0.4761i	3.4916-1.5506i	-0.3819+0.1495i	-0.8818+1.4574i	1.5336-0.2064i	-0.1931-0.2847i	-0.4734+0.1151i
22.5	-0.1481-0.1967i	-0.1762-0.5014i	3.3378-1.8012i	-0.3589+0.1722i	-0.7818+1.5823i	1.4940-0.2625i	-0.1912-0.2878i	-0.4378+0.1776i
22.6	-0.1518-0.1996i	-0.2190-0.5442i	3.2329-1.9766i	-0.3394+0.1989i	-0.6467+1.7780i	1.4956-0.3471i	-0.2032-0.2968i	-0.3978+0.2467i
22.7	-0.1580-0.1959i	-0.3113-0.5792i	2.6007-2.2563i	-0.2773+0.2369i	-0.2822+1.9046i	1.3706-0.4548i	-0.2150-0.2897i	-0.2881+0.3091i
22.8	-0.1667-0.1828i	-0.4019-0.5657i	2.1712-2.3464i	-0.2221+0.2476i	-0.0006+1.9054i	1.2473-0.4702i	-0.2261-0.2722i	-0.2005+0.3184i
22.9	-0.1763-0.1658i	-0.5087-0.4946i	1.7994-2.1955i	-0.1608+0.2297i	0.3313+1.7739i	1.1611-0.4495i	-0.2371-0.2515i	-0.1192+0.3027i
23.0	-0.1782-0.1524i	-0.5515-0.4132i	1.5606-1.8584i	-0.1306+0.1896i	0.5193+1.5608i	1.1210-0.3577i	-0.2415-0.2453i	-0.0579+0.2648i
23.1	-0.1702-0.1371i	-0.5805-0.3507i	1.1485-1.6036i	-0.0931+0.1682i	0.7377+1.3546i	1.0884-0.3712i	-0.2423-0.2186i	0.0239+0.2301i
23.2	-0.1684-0.1320i	-0.6029-0.2915i	1.1052-1.3032i	-0.0793+0.1384i	0.8935+1.1459i	1.0757-0.3693i	-0.2451-0.1989i	0.0781+0.1664i
23.3	-0.1680-0.1244i	-0.6232-0.2218i	1.0137-1.0166i	-0.0662+0.1091i	0.9423+0.9745i	1.0388-0.3764i	-0.2410-0.1806i	0.1227+0.1058i
23.4	-0.1587-0.1148i	-0.5956-0.1536i	0.9426-0.8040i	-0.0628+0.0861i	0.8568+0.7038i	1.0152-0.3866i	-0.2228-0.1643i	0.1145+0.0660i
23.5	-0.1502-0.1042i	-0.5663-0.0893i	1.0343-0.6206i	-0.0658+0.0665i	0.8611+0.4921i	1.0193-0.3898i	-0.2108-0.1506i	0.1127+0.0165i
23.6	-0.1523-0.0936i	-0.5590-0.0352i	1.1445-0.5668i	-0.0685+0.0557i	0.8580+0.3916i	1.0052-0.4043i	-0.2104-0.1384i	0.1306-0.0326i
23.7	-0.1404-0.0974i	-0.5256-0.0002i	1.1196-0.4833i	-0.0650+0.0395i	0.7566+0.3240i	0.9529-0.4383i	-0.1906-0.1407i	0.1249-0.0551i
23.8	-0.1345-0.0940i	-0.4923+0.0245i	1.1727-0.5094i	-0.0696+0.0346i	0.6551+0.2416i	0.9397-0.4670i	-0.1839-0.1347i	0.1078-0.0703i
23.9	-0.1335-0.0843i	-0.4543+0.0547i	1.2423-0.5487i	-0.0715+0.0324i	0.6103+0.1449i	0.8605-0.4809i	-0.1764-0.1261i	0.0828-0.0874i
24.0	-0.1296-0.0803i	-0.4266+0.0777i	1.2833-0.5297i	-0.0709+0.0269i	0.5525+0.0944i	0.8018-0.4855i	-0.1681-0.1205i	0.0697-0.1002i
24.1	-0.1193-0.0736i	-0.3941+0.0969i	1.2533-0.4554i	-0.0718+0.0188i	0.4957+0.0954i	0.7805-0.4502i	-0.1583-0.1173i	0.0584-0.1034i
24.2	-0.1182-0.0705i	-0.3721+0.1074i	1.2909-0.3651i	-0.0725+0.0102i	0.4261+0.0863i	0.7460-0.4154i	-0.1508-0.1204i	0.0474-0.0974i
24.3	-0.1121-0.0610i	-0.3432+0.1270i	1.2507-0.5074i	-0.0652+0.0096i	0.3903+0.0245i	0.6885-0.4138i	-0.1434-0.1088i	0.0438-0.1006i
24.4	-0.1151-0.0575i	-0.3261+0.1462i	1.3319-0.5392i	-0.0668+0.0048i	0.3354+0.0141i	0.6475-0.3956i	-0.1449-0.1043i	0.0337-0.1171i
24.5	-0.1095-0.0495i	-0.3029+0.1567i	1.2900-0.6460i	-0.0667+0.0064i	0.3399-0.0162i	0.6149-0.4019i	-0.1385-0.0938i	0.0370-0.1091i

24.6	-0.1048-0.0522i	-0.2893+0.1473i	1.4616-0.5335i	-0.0700-0.0049i	0.3490+0.0203i	0.6285-0.3456i	-0.1359-0.1013i	0.0466-0.1060i
24.7	-0.0933-0.0453i	-0.2573+0.1505i	1.4772-0.4931i	-0.0725-0.0063i	0.2648+0.0309i	0.6455-0.2803i	-0.1303-0.0963i	0.0490-0.0967i
24.8	-0.0881-0.0416i	-0.2372+0.1545i	1.4519-0.5555i	-0.0728-0.0032i	0.2447+0.0206i	0.6385-0.2906i	-0.1251-0.0873i	0.0413-0.0937i
24.9	-0.0816-0.0480i	-0.2210+0.1492i	1.4126-0.4881i	-0.0725-0.0080i	0.1711-0.0035i	0.6429-0.2933i	-0.1186-0.0892i	0.0436-0.0925i
25.0	-0.0788-0.0497i	-0.2083+0.1483i	1.4546-0.4808i	-0.0738-0.0104i	0.2322-0.0189i	0.6271-0.2913i	-0.1125-0.0888i	0.0649-0.0976i
25.1	-0.0806-0.0496i	-0.1983+0.1516i	1.6211-0.4566i	-0.0815-0.0126i	0.2817-0.0086i	0.6344-0.2831i	-0.1119-0.0891i	0.0843-0.0938i
25.2	-0.0739-0.0415i	-0.1748+0.1566i	1.6406-0.6852i	-0.0821-0.0043i	0.2449-0.0057i	0.6458-0.3079i	-0.1058-0.0728i	0.0816-0.0870i
25.3	-0.0676-0.0295i	-0.1591+0.1669i	1.5025-0.9347i	-0.0775+0.0047i	0.2019-0.0249i	0.6332-0.3254i	-0.0995-0.0579i	0.0628-0.0941i
25.4	-0.0590-0.0255i	-0.1435+0.1722i	1.3559-0.8582i	-0.0690+0.0039i	0.2148-0.0356i	0.5903-0.2991i	-0.0835-0.0549i	0.0763-0.0941i
25.5	-0.0561-0.0261i	-0.1311+0.1715i	1.4176-0.8459i	-0.0724+0.0024i	0.1792-0.0425i	0.6051-0.2732i	-0.0779-0.0563i	0.0925-0.0980i
25.6	-0.0594-0.0251i	-0.1192+0.1776i	1.6750-0.9095i	-0.0835+0.0022i	0.1565-0.0567i	0.6625-0.2638i	-0.0837-0.0579i	0.0955-0.1075i
25.7	-0.0482-0.0154i	-0.0878+0.1866i	1.5673-1.0610i	-0.0811+0.0117i	0.1658-0.0711i	0.6655-0.2787i	-0.0755-0.0466i	0.0927-0.1175i
25.8	-0.0358-0.0188i	-0.0723+0.1794i	1.5099-0.9777i	-0.0721+0.0136i	0.1119-0.0812i	0.6452-0.2788i	-0.0574-0.0488i	0.1195-0.1333i
25.9	-0.0279-0.0193i	-0.0528+0.1768i	1.4518-0.9541i	-0.0651+0.0124i	0.1064-0.0739i	0.6475-0.2693i	-0.0481-0.0481i	0.1222-0.1334i
26.0	-0.0140-0.0176i	-0.0226+0.1740i	1.3791-1.0827i	-0.0576+0.0181i	0.1423-0.0854i	0.6665-0.2947i	-0.0360-0.0435i	0.1325-0.1442i
26.1	-0.0086-0.0225i	-0.0104+0.1659i	1.4401-1.1388i	-0.0594+0.0180i	0.1251-0.1002i	0.6949-0.3191i	-0.0326-0.0463i	0.1440-0.1594i
26.2	-0.0055-0.0284i	0.0017+0.1530i	1.4079-1.2194i	-0.0578+0.0208i	0.1122-0.0872i	0.6829-0.3651i	-0.0251-0.0449i	0.1540-0.1666i
26.3	-0.0029-0.0275i	0.0275+0.1411i	1.2803-1.4273i	-0.0541+0.0294i	0.0555-0.1294i	0.6403-0.4280i	-0.0169-0.0375i	0.1474-0.1844i
26.4	-0.0041-0.0296i	0.0463+0.1379i	1.3031-1.5642i	-0.0521+0.0294i	0.0511-0.1700i	0.6227-0.4557i	-0.0132-0.0407i	0.1450-0.2125i
26.5	-0.0079-0.0360i	0.0531+0.1317i	1.3771-1.4674i	-0.0535+0.0258i	0.0770-0.1616i	0.6323-0.4587i	-0.0096-0.0503i	0.1426-0.2380i
26.6	-0.0066-0.0357i	0.0709+0.1130i	1.3012-1.4871i	-0.0516+0.0299i	0.0494-0.1545i	0.6032-0.4847i	-0.0028-0.0485i	0.1357-0.2551i
26.7	-0.0024-0.0350i	0.0855+0.0966i	1.2659-1.5281i	-0.0502+0.0350i	0.0228-0.1796i	0.5789-0.5045i	0.0030-0.0487i	0.1313-0.2715i
26.8	0.0033-0.0310i	0.0971+0.0796i	1.1639-1.6508i	-0.0438+0.0434i	0.0130-0.1604i	0.5454-0.5337i	0.0111-0.0438i	0.1071-0.2842i
26.9	0.0031-0.0323i	0.0998+0.0643i	1.1288-1.6839i	-0.0379+0.0464i	-0.0050-0.1369i	0.5186-0.5516i	0.0153-0.0463i	0.0832-0.2923i
27.0	0.0008-0.0298i	0.1100+0.0443i	1.0515-1.8771i	-0.0311+0.0527i	-0.0730-0.1559i	0.4675-0.5777i	0.0201-0.0469i	0.0510-0.3045i
27.1	-0.0009-0.0287i	0.1093+0.0285i	1.0991-1.9207i	-0.0286+0.0546i	-0.0851-0.1579i	0.4349-0.5799i	0.0253-0.0522i	0.0330-0.3029i
27.2	0.0033-0.0165i	0.1111+0.0111i	0.9040-2.0876i	-0.0206+0.0635i	-0.1175-0.1243i	0.3574-0.5815i	0.0284-0.0477i	0.0046-0.2893i
27.3	0.0057-0.0131i	0.1071-0.0039i	0.8063-2.1944i	-0.0158+0.0660i	-0.1181-0.0350i	0.3260-0.5671i	0.0268-0.0519i	-0.0174-0.2759i
27.4	0.0105-0.0101i	0.1058-0.0201i	0.7242-2.3280i	-0.0084+0.0726i	-0.1942-0.0342i	0.3011-0.5639i	0.0284-0.0535i	-0.0390-0.2692i
27.5	0.0159-0.0049i	0.1014-0.0334i	0.5620-2.3006i	0.0005+0.0754i	-0.1658-0.0707i	0.2642-0.5470i	0.0353-0.0548i	-0.0376-0.2553i
27.6	0.0242+0.0060i	0.0867-0.0523i	0.1925-2.4812i	0.0187+0.0839i	-0.1462-0.0420i	0.1966-0.5387i	0.0353-0.0500i	-0.0616-0.2411i
27.7	0.0381+0.0042i	0.0811-0.0600i	-0.0385-2.3381i	0.0309+0.0771i	-0.1477-0.0273i	0.1771-0.4902i	0.0429-0.0539i	-0.0589-0.2273i
27.8	0.0534+0.0060i	0.0655-0.0568i	-0.3710-2.1011i	0.0479+0.0712i	-0.1059-0.0207i	0.1332-0.4352i	0.0485-0.0488i	-0.0588-0.1944i
27.9	0.0633+0.0089i	0.0551-0.0596i	-0.6195-1.9883i	0.0575+0.0702i	-0.0782+0.0108i	0.1129-0.4003i	0.0492-0.0441i	-0.0544-0.1775i
28.0	0.0741+0.0036i	0.0436-0.0599i	-0.8025-1.6842i	0.0678+0.0598i	-0.0613+0.0278i	0.0983-0.3603i	0.0543-0.0425i	-0.0560-0.1539i
28.1	0.0839+0.0033i	0.0328-0.0562i	-0.9299-1.5815i	0.0760+0.0600i	-0.0585+0.0335i	0.0869-0.3410i	0.0566-0.0336i	-0.0571-0.1369i
28.2	0.0907+0.0044i	0.0329-0.0474i	-0.9535-1.4386i	0.0814+0.0569i	-0.0529+0.0403i	0.0808-0.3069i	0.0631-0.0258i	-0.0483-0.1194i
28.3	0.0975+0.0031i	0.0312-0.0363i	-0.9925-1.1909i	0.0910+0.0513i	-0.0334+0.0030i	0.0680-0.2562i	0.0776-0.0162i	-0.0258-0.0951i
28.4	0.0983+0.0021i	0.0283-0.0302i	-0.9245-1.0711i	0.0931+0.0445i	-0.0074+0.0265i	0.0765-0.2412i	0.0771-0.0171i	-0.0244-0.0853i
28.5	0.1143-0.0055i	0.0412-0.0358i	-0.7319-0.8469i	0.0987+0.0342i	-0.0334+0.0468i	0.1227-0.2010i	0.0930-0.0214i	-0.0037-0.0889i
28.6	0.1204-0.0097i	0.0403-0.0334i	-0.8087-0.7556i	0.1043+0.0347i	-0.0220+0.0419i	0.1294-0.2023i	0.1006-0.0187i	0.0005-0.0841i
28.7	0.1279-0.0119i	0.0440-0.0262i	-0.8040-0.6839i	0.1070+0.0271i	-0.0520+0.0075i	0.1398-0.1815i	0.1103-0.0179i	0.0169-0.0698i
28.8	0.1394-0.0147i	0.0506-0.0285i	-0.7286-0.5762i	0.1108+0.0221i	-0.0412-0.0199i	0.1581-0.1609i	0.1237-0.0190i	0.0344-0.0726i
28.9	0.1460-0.0178i	0.0652-0.0268i	-0.6521-0.4952i	0.1121+0.0206i	-0.0169-0.0508i	0.1669-0.1598i	0.1348-0.0153i	0.0578-0.0678i
29.0	0.1486-0.0251i	0.0643-0.0237i	-0.6040-0.4324i	0.1132+0.0186i	-0.0416-0.0064i	0.1740-0.1666i	0.1432-0.0159i	0.0695-0.0630i
29.1	0.1495-0.0252i	0.0603-0.0216i	-0.4776-0.4105i	0.1138+0.0192i	-0.0410-0.0103i	0.1751-0.1751i	0.1469-0.0150i	0.0742-0.0650i
29.2	0.1621-0.0322i	0.0798-0.0284i	-0.4182-0.3518i	0.1208+0.0185i	-0.0312+0.0090i	0.1822-0.1717i	0.1625-0.0163i	0.0991-0.0685i
29.3	0.1735-0.0344i	0.0856-0.0262i	-0.5279-0.3683i	0.1267+0.0172i	-0.0519+0.0052i	0.1859-0.1742i	0.1757-0.0133i	0.1157-0.0581i
29.4	0.1756-0.0346i	0.0826-0.0229i	-0.4747-0.2936i	0.1312+0.0136i	-0.0448-0.0269i	0.1759-0.1599i	0.1833-0.0152i	0.1216-0.0597i
29.5	0.1843-0.0431i	0.0974-0.0239i	-0.4313-0.2859i	0.1358+0.0112i	-0.0507-0.0099i	0.1849-0.1673i	0.1949-0.0177i	0.1404-0.0661i
29.6	0.1910-0.0474i	0.1090-0.0299i	-0.4246-0.2558i	0.1378+0.0112i	-0.0562-0.0269i	0.1841-0.1650i	0.2068-0.0240i	0.1589-0.0802i
29.7	0.1872-0.0425i	0.1076-0.0323i	-0.3536-0.2475i	0.1378+0.0102i	-0.0074-0.0320i	0.1555-0.1413i	0.2147-0.0228i	0.1755-0.0775i
29.8	0.1919-0.0418i	0.1102-0.0239i	-0.2642-0.2627i	0.1399+0.0085i	-0.0449-0.0446i	0.1723-0.1468i	0.2167-0.0196i	0.1724-0.0713i
29.9	0.2135-0.0466i	0.1457-0.0222i	-0.3066-0.2560i	0.1495+0.0072i	-0.0267-0.0438i	0.1861-0.1510i	0.2429-0.0188i	0.2076-0.0734i
30.0	0.2247-0.0527i	0.1638-0.0193i	-0.3545-0.2457i	0.1492+0.0060i	-0.0271-0.0281i	0.1863-0.1720i	0.2569-0.0197i	0.2385-0.0704i
30.1	0.2291-0.0645i	0.1748-0.0363i	-0.2977-0.2932i	0.1522+0.0012i	-0.0553+0.0132i	0.1973-0.1868i	0.2586-0.0289i	0.2317-0.0734i
30.2	0.2338-0.0698i	0.1940-0.0479i	-0.3121-0.3779i	0.1515+0.0041i	-0.0526+0.0353i	0.1912-0.2124i	0.2729-0.0261i	0.2663-0.0696i
30.3	0.2301-0.0721i	0.1786-0.0663i	-0.3140-0.2885i	0.1522+0.0098i	-0.0539-0.0032i	0.1322-0.2174i	0.2859-0.0282i	0.2914-0.0858i
30.4	0.2371-0.0688i	0.1912-0.0591i	-0.3565-0.3121i	0.1589+0.0170i	-0.1388-0.0119i	0.0933-0.2273i	0.3015-0.0233i	0.3165-0.1028i
30.5	0.2496-0.0793i	0.2219-0.0790i	-0.2910-0.2357i	0.1578+0.0122i	-0.0966-0.0329i	0.1172-0.2227i	0.3215-0.0312i	0.3697-0.1112i
30.6	0.2512-0.0836i	0.2307-0.0950i	-0.3266-0.1839i	0.1637+0.0150i	-0.0398-0.0332i	0.0635-0.2018i	0.3394-0.0400i	0.4042-0.1475i
30.7	0.2599-0.0863i	0.2313-0.1249i	-0.3457-0.1446i	0.1725+0.0268i	-0.0925-0.0766i	0.0505-0.1596i	0.3558-0.0567i	0.4106-0.2285i
30.8	0.2693-0.0813i	0.2411-0.1342i	-0.4122-0.0966i	0.1789+0.0341i	-0.0656-0.0801i	0.0194-0.1424i	0.3765-0.0618i	0.4269-0.2694i

30.9	0.2800−0.0727i	0.2479−0.1292i	−0.4482−0.1134i	0.1979+0.0409i	−0.0681−0.0815i	−0.0028−0.1173i	0.3830−0.0672i	0.3987−0.2894i
31.0	0.2834−0.0790i	0.2597−0.1509i	−0.4002−0.0182i	0.1921+0.0423i	−0.0815−0.1213i	−0.0001−0.0924i	0.3990−0.0804i	0.4409−0.3098i
31.1	0.2852−0.0885i	0.2896−0.1746i	−0.3595−0.0422i	0.1747+0.0441i	−0.1099−0.1074i	0.0116−0.1068i	0.4094−0.0817i	0.4974−0.3210i
31.2	0.3020−0.0926i	0.3119−0.2158i	−0.4736+0.0232i	0.1710+0.0511i	−0.1204−0.0714i	−0.0210−0.0593i	0.4495−0.0942i	0.5811−0.3594i
31.3	0.3107−0.0777i	0.2988−0.2446i	−0.4281+0.1688i	0.1937+0.0839i	−0.1205−0.0874i	−0.0484−0.0019i	0.4605−0.1136i	0.5606−0.4737i
31.4	0.3270−0.0757i	0.3139−0.2779i	−0.4295+0.2538i	0.2028+0.1057i	−0.1362−0.0969i	−0.0467+0.0351i	0.4818−0.1293i	0.5824−0.5589i
31.5	0.3575−0.0882i	0.3256−0.3284i	−0.4940+0.4259i	0.2611+0.1093i	−0.1553−0.1484i	−0.0465+0.0735i	0.4770−0.1530i	0.4063−0.6207i
31.6	0.3697−0.0966i	0.3059−0.3548i	−0.3980+0.5471i	0.2845+0.1212i	−0.1798−0.1255i	−0.0181+0.0935i	0.4795−0.1762i	0.3616−0.6943i
31.7	0.3727−0.1036i	0.2820−0.4130i	−0.2990+0.6965i	0.2852+0.1503i	−0.1825−0.1286i	0.0175+0.1146i	0.4951−0.2107i	0.3991−0.8242i
31.8	0.4027−0.0902i	0.2906−0.4422i	−0.3085+0.7057i	0.3211+0.1916i	−0.1802−0.2057i	−0.0137+0.1482i	0.5163−0.2276i	0.3751−0.9513i
31.9	0.4140−0.0856i	0.2891−0.4478i	−0.1685+0.6440i	0.3441+0.1816i	−0.2457−0.2057i	−0.0271+0.1723i	0.5174−0.2138i	0.3178−0.8933i
32.0	0.4527−0.0994i	0.2928−0.5090i	−0.0839+0.8442i	0.3884+0.1579i	−0.3388−0.0686i	−0.0002+0.2557i	0.5436−0.2075i	0.2645−0.8217i
32.1	0.4821−0.1264i	0.2884−0.5866i	−0.1430+0.9813i	0.4244+0.1671i	−0.3281−0.0852i	0.0226+0.2994i	0.5656−0.2472i	0.2270−0.9288i
32.2	0.5072−0.1447i	0.2505−0.6711i	−0.0308+1.2532i	0.4675+0.1679i	−0.3183+0.0012i	0.0657+0.3558i	0.5820−0.2694i	0.1465−0.9679i
32.3	0.5188−0.1459i	0.2196−0.6763i	0.2177+1.3120i	0.4938+0.1690i	−0.3427−0.0113i	0.1111+0.3841i	0.5789−0.2795i	0.0732−0.9835i
32.4	0.5439−0.1545i	0.1786−0.6992i	0.4732+1.3121i	0.5605+0.1880i	−0.3505−0.0163i	0.1357+0.3924i	0.5722−0.3120i	−0.0911−1.0751i
32.5	0.5740−0.1791i	0.1475−0.7696i	0.6572+1.5073i	0.5870+0.1728i	−0.3817+0.0332i	0.1822+0.4219i	0.6125−0.3234i	−0.0692−1.0385i
32.6	0.6166−0.2010i	0.1014−0.8311i	0.9114+1.5657i	0.6580+0.1321i	−0.4091+0.0691i	0.2476+0.4893i	0.6230−0.3125i	−0.1964−0.9148i
32.7	0.6692−0.2219i	0.0241−0.9120i	1.1559+1.7951i	0.7459+0.1383i	−0.4018+0.1524i	0.2946+0.5577i	0.6577−0.3477i	−0.3058−0.9694i
32.8	0.6929−0.2383i	−0.0481−0.9521i	1.4523+1.9083i	0.7962+0.1350i	−0.3673+0.1238i	0.3410+0.5947i	0.6754−0.3813i	−0.3671−1.0063i
32.9	0.7324−0.2670i	−0.1585−1.0053i	1.9147+1.9672i	0.8936+0.0990i	−0.3571+0.1723i	0.4191+0.6669i	0.6793−0.4129i	−0.5343−0.9657i
33.0	0.8002−0.2964i	−0.3049−1.0281i	2.4378+2.0272i	0.9759+0.0424i	−0.3458+0.2796i	0.5802+0.7417i	0.7321−0.4234i	−0.5700−0.8446i
33.1	0.8473−0.3342i	−0.4197−1.0220i	2.8331+1.8266i	1.0217−0.0138i	−0.3235+0.3035i	0.7374+0.7616i	0.7846−0.4376i	−0.5317−0.7400i
33.2	0.9174−0.4122i	−0.5781−0.9863i	3.4812+1.6076i	1.1038−0.1367i	−0.2407+0.3811i	0.9847+0.7765i	0.8408−0.4754i	−0.5474−0.5546i
33.3	0.9717−0.4631i	−0.6862−0.9600i	3.9009+1.3534i	1.1668−0.1953i	−0.2213+0.4170i	1.1500+0.7334i	0.8846−0.5167i	−0.5588−0.5201i
33.4	1.0612−0.5315i	−0.8312−0.9299i	4.3534+0.9371i	1.2513−0.2628i	−0.1452+0.4022i	1.3675+0.6937i	0.9842−0.5841i	−0.4946−0.5125i
33.5	1.1552−0.6929i	−1.0054−0.8304i	4.8780+0.2650i	1.3438−0.3972i	−0.0818+0.3873i	1.6522+0.4432i	1.0897−0.7379i	−0.4206−0.5573i
33.6	1.1970−0.8373i	−1.0679−0.7108i	4.9541−0.4278i	1.3842−0.5340i	−0.1228+0.3113i	1.7762+0.1870i	1.1289−0.8565i	−0.4045−0.5560i
33.7	1.2941−1.0291i	−1.1694−0.6149i	5.1738−0.9735i	1.4861−0.7306i	−0.0472+0.3127i	1.9369−0.0015i	1.2249−1.0231i	−0.3977−0.5202i
33.8	1.3618−1.2440i	−1.2285−0.5252i	5.3359−1.7251i	1.5589−0.9443i	−0.0612+0.3642i	2.0436−0.1991i	1.2932−1.2282i	−0.3845−0.5405i
33.9	1.3482−1.5439i	−1.2778−0.4307i	5.2005−2.3918i	1.5764−1.2359i	−0.1727+0.3270i	2.0486−0.3857i	1.2873−1.5406i	−0.4467−0.6145i
34.0	1.3015−1.9295i	−1.4307−0.3621i	5.2079−3.1139i	1.5447−1.6180i	−0.1012+0.5079i	2.2666−0.5127i	1.2523−1.9309i	−0.5061−0.6431i
34.1	1.1510−2.3482i	−1.6114−0.2576i	5.3610−4.1311i	1.3524−2.0300i	−0.0521+0.6125i	2.7806−0.8103i	1.0976−2.3408i	−0.4830−0.6150i
34.2	0.6723−2.8084i	−1.8174+0.1145i	5.0385−5.6812i	0.8709−2.4095i	0.1300+0.6105i	3.0950−1.8845i	0.6390−2.7902i	−0.4540−0.6695i
34.3	−0.2580−3.1141i	−1.7687+0.7750i	3.0311−7.6962i	0.0857−2.6000i	0.3894+0.5451i	2.4360−3.5994i	−0.3096−3.0903i	−0.6817−0.7717i
34.4	−0.9567−2.9747i	−1.5181+1.1494i	1.0407−8.1481i	−0.4639−2.4345i	0.5097+0.4321i	1.3465−4.3566i	−1.0195−2.9602i	−0.8915−0.8300i
34.5	−1.7970−2.2683i	−0.8951+1.4225i	−1.6642−7.2586i	−1.0337−1.8681i	0.4809+0.2046i	−0.8295−4.2637i	−1.8936−2.2160i	−1.2804−0.5798i
34.6	−2.1338−1.5533i	−0.4626+1.4423i	−2.9791−5.7425i	−1.2467−1.3691i	0.5076−0.0062i	−2.0678−3.4244i	−2.2447−1.4518i	−1.4719−0.2156i
34.7	−2.0928−0.9556i	−0.1837+1.2958i	−3.3910−4.4695i	−1.2033−0.9824i	0.4615−0.0472i	−2.5818−2.3139i	−2.1833−0.8121i	−1.4501+0.1148i
34.8	−1.8365−0.5251i	0.0029+1.1272i	−3.2127−3.5447i	−1.0482−0.7130i	0.3781−0.0778i	−2.4820−1.3507i	−1.8853−0.3557i	−1.2641+0.3641i
34.9	−1.5114−0.2066i	0.1245+0.9535i	−2.8822−2.7418i	−0.8562−0.5098i	0.2561−0.1422i	−2.1719−0.6199i	−1.5095−0.0245i	−1.0229+0.5377i
35.0	−1.2888−0.0671i	0.1964+0.8409i	−2.6433−2.3356i	−0.7442−0.4122i	0.2274−0.1543i	−1.8645−0.3050i	−1.2504+0.1218i	−0.8194+0.6080i
35.1	−1.0598+0.0524i	0.2689+0.7161i	−2.4924−1.8454i	−0.6535−0.3079i	0.1561−0.1311i	−1.4927−0.0820i	−0.9731+0.2304i	−0.5713+0.6293i
35.2	−0.8661+0.1130i	0.3188+0.5930i	−2.4446−1.4192i	−0.5489−0.2273i	0.0697−0.0580i	−1.2384+0.0215i	−0.7573+0.2622i	−0.4195+0.5832i
35.3	−0.6901+0.0989i	0.3351+0.4794i	−2.2731−1.2716i	−0.4446−0.1984i	0.0429−0.0901i	−1.0164+0.0435i	−0.5569+0.2157i	−0.2743+0.4849i
35.4	−0.5533+0.0897i	0.3116+0.3953i	−1.9741−0.9687i	−0.3384−0.1604i	0.0008−0.1074i	−0.9337+0.0188i	−0.4154+0.1799i	−0.2178+0.3983i
35.5	−0.4220+0.1124i	0.3212+0.2929i	−1.6877−0.6523i	−0.2460−0.0979i	0.0049−0.0981i	−0.8495+0.0262i	−0.2806+0.1738i	−0.1484+0.3222i
35.6	−0.3260+0.0662i	0.3098+0.2436i	−1.4505−0.6460i	−0.1788−0.1225i	−0.0318−0.0852i	−0.7644+0.0380i	−0.1869+0.1146i	−0.1039+0.2653i
35.7	−0.2573+0.0312i	0.3011+0.1810i	−1.1923−0.5108i	−0.1174−0.1367i	−0.0284−0.0386i	−0.7187+0.0721i	−0.1203+0.0649i	−0.0865+0.2149i
35.8	−0.1720+0.0263i	0.2607+0.0920i	−1.1035−0.2685i	−0.0293−0.1015i	−0.0639−0.1069i	−0.6707+0.1016i	−0.0458+0.0313i	−0.0827+0.1265i
35.9	−0.0978+0.0071i	0.2240+0.0362i	−0.9776−0.2080i	0.0438−0.1067i	−0.0036−0.0421i	−0.6587+0.1168i	0.0167+0.0090i	−0.0878+0.0959i
36.0	−0.0353+0.0033i	0.2006−0.0166i	−0.8770−0.1557i	0.1104−0.1013i	−0.0606+0.0126i	−0.6582+0.1678i	0.0611−0.0109i	−0.1073+0.0627i
36.1	0.0266−0.0418i	0.1468−0.0408i	−0.5831−0.1696i	0.1713−0.1336i	−0.0816−0.0161i	−0.6033+0.1944i	0.1047−0.0568i	−0.1281+0.0348i
36.2	0.0737−0.0835i	0.1187−0.0478i	−0.4130−0.3149i	0.2126−0.1663i	−0.0369+0.0354i	−0.5591+0.2103i	0.1518−0.0903i	−0.1143+0.0205i
36.3	0.1032−0.0797i	0.1112−0.0540i	−0.3548−0.2714i	0.2439−0.1564i	−0.0052+0.0721i	−0.5550+0.2104i	0.1853−0.0925i	−0.1053+0.0098i
36.4	0.1561−0.1479i	0.0697−0.0671i	−0.1744−0.3134i	0.3070−0.2168i	−0.0284+0.0572i	−0.5167+0.2633i	0.2136−0.1630i	−0.1451−0.0030i
36.5	0.1791−0.2074i	0.0532−0.0687i	−0.0795−0.4253i	0.3395−0.2778i	−0.0196+0.0557i	−0.5086+0.2844i	0.2274−0.2144i	−0.1618−0.0021i
36.6	0.2307−0.2709i	0.0284−0.0584i	0.0756−0.4288i	0.3865−0.3421i	−0.0400+0.0546i	−0.4891+0.2866i	0.2745−0.2694i	−0.1570−0.0070i
36.7	0.2720−0.3392i	−0.0073−0.0654i	0.1278−0.5448i	0.4281−0.4027i	−0.0162+0.0116i	−0.4352+0.3175i	0.3035−0.3177i	−0.1711−0.0052i
36.8	0.3138−0.3662i	−0.0507−0.0662i	0.1094−0.6202i	0.4720−0.4309i	−0.0145−0.0182i	−0.3959+0.3424i	0.3404−0.3418i	−0.1745−0.0043i
36.9	0.3153−0.3914i	−0.0543−0.0684i	0.1348−0.7003i	0.4666−0.4673i	−0.0283+0.0410i	−0.3526+0.3851i	0.3412−0.3722i	−0.1685+0.0018i
37.0	0.3239−0.4445i	−0.0672−0.0870i	0.1477−0.8068i	0.4832−0.5100i	−0.0409+0.0811i	−0.3297+0.4178i	0.3448−0.4161i	−0.1858−0.0104i
37.1	0.3564−0.5090i	−0.1035−0.0927i	0.1781−0.8866i	0.5162−0.5679i	−0.0038+0.0865i	−0.2841+0.4206i	0.3675−0.4596i	−0.1937−0.0076i

37.2	0.3657-0.5711i	-0.1220-0.0664i	0.3468-0.9623i	0.5247-0.6335i	-0.0118+0.0910i	-0.2452+0.4003i	0.3814-0.5000i	-0.1914+0.0146i
37.3	0.3714-0.6435i	-0.1635-0.0491i	0.2186-1.0404i	0.5300-0.6999i	-0.0041+0.0915i	-0.1993+0.3733i	0.3906-0.5511i	-0.1987+0.0193i
37.4	0.3721-0.7322i	-0.1965-0.0293i	0.1557-1.1038i	0.5373-0.7944i	0.0176+0.0980i	-0.1584+0.4088i	0.3938-0.6240i	-0.2076+0.0395i
37.5	0.3698-0.7723i	-0.2191-0.0153i	0.2008-1.2040i	0.5341-0.8402i	0.0399+0.0437i	-0.0826+0.4255i	0.3861-0.6511i	-0.2187+0.0583i
37.6	0.3761-0.8520i	-0.2341+0.0073i	0.1710-1.2625i	0.5450-0.9126i	0.0126+0.0444i	-0.0632+0.3860i	0.3925-0.7028i	-0.2223+0.0743i
37.7	0.3223-0.8823i	-0.2392+0.0290i	0.0716-1.2039i	0.5085-0.9353i	0.0526+0.0655i	-0.1049+0.3182i	0.3595-0.7188i	-0.2295+0.0778i
37.8	0.3173-0.9259i	-0.2568+0.0453i	0.1307-1.2014i	0.5018-0.9830i	0.0877+0.0713i	-0.0769+0.3263i	0.3654-0.7641i	-0.2281+0.0745i
37.9	0.2431-1.0278i	-0.2566+0.0860i	0.0072-1.2644i	0.4254-1.0894i	0.1040+0.0110i	-0.0453+0.2873i	0.3232-0.8378i	-0.1942+0.1004i
38.0	0.1507-1.0296i	-0.2478+0.0863i	-0.0937-1.3144i	0.3476-1.0875i	0.1154-0.0150i	-0.0862+0.2546i	0.2604-0.8374i	-0.1935+0.0983i
38.1	0.1230-1.0194i	-0.2397+0.0988i	-0.0676-1.2810i	0.3278-1.0784i	0.1018+0.0586i	-0.1266+0.2728i	0.2455-0.8392i	-0.1975+0.1014i
38.2	0.0627-1.1181i	-0.2447+0.1695i	-0.2150-1.3939i	0.2605-1.1929i	0.1301+0.0485i	-0.0729+0.2046i	0.1979-0.9191i	-0.1918+0.1335i
38.3	-0.0236-1.1273i	-0.2180+0.1983i	-0.1949-1.3455i	0.1813-1.2139i	0.1518+0.0158i	-0.1091+0.2139i	0.1292-0.9262i	-0.1945+0.1594i
38.4	-0.0401-1.1818i	-0.2049+0.2272i	-0.1275-1.3359i	0.1689-1.2617i	0.1096-0.0051i	-0.1551+0.1592i	0.1453-0.9684i	-0.1652+0.1665i
38.5	-0.1311-1.1772i	-0.1714+0.2601i	-0.2334-1.3185i	0.0848-1.2620i	0.0788-0.0409i	-0.1614+0.1445i	0.0780-0.9853i	-0.1450+0.1577i
38.6	-0.2016-1.2047i	-0.1494+0.2796i	-0.1696-1.3781i	0.0253-1.3038i	0.1202+0.0108i	-0.2453+0.2017i	0.0488-1.0258i	-0.1109+0.1671i
38.7	-0.2710-1.2125i	-0.1078+0.2909i	-0.2079-1.2739i	-0.0572-1.3157i	0.0956-0.0086i	-0.3093+0.1573i	0.0040-1.0320i	-0.0770+0.1783i
38.8	-0.3384-1.2518i	-0.0869+0.3295i	-0.3196-1.3534i	-0.1335-1.3793i	0.0989-0.1132i	-0.2996+0.1604i	-0.0472-1.0729i	-0.0557+0.2007i
38.9	-0.4302-1.2170i	-0.0536+0.3336i	-0.4660-1.4673i	-0.2103-1.3678i	0.0777-0.1249i	-0.3557+0.2393i	-0.1077-1.0770i	-0.0378+0.1893i
39.0	-0.4865-1.1830i	-0.0154+0.3262i	-0.4568-1.2395i	-0.2535-1.3315i	0.0608-0.0520i	-0.4489+0.2853i	-0.1412-1.0927i	-0.0269+0.1363i
39.1	-0.4603-1.1830i	-0.0096+0.3187i	-0.4375-1.3427i	-0.2287-1.3465i	0.0279-0.0410i	-0.4726+0.3552i	-0.1125-1.1031i	-0.0153+0.1432i
39.2	-0.5153-1.1248i	0.0177+0.2937i	-0.4687-1.3061i	-0.2817-1.3113i	0.0278-0.0622i	-0.5029+0.4513i	-0.1806-1.0722i	-0.0362+0.1410i
39.3	-0.5754-1.1044i	0.0363+0.2858i	-0.5305-1.2976i	-0.3459-1.3122i	0.0216-0.0706i	-0.4803+0.5438i	-0.2444-1.0869i	-0.0454+0.1316i
39.4	-0.6266-1.1095i	0.0588+0.2977i	-0.6811-1.2310i	-0.4250-1.3433i	0.0474-0.1091i	-0.4280+0.6067i	-0.2907-1.0941i	-0.0102+0.1657i
39.5	-0.6792-1.0485i	0.0858+0.2705i	-0.5770-1.1828i	-0.4792-1.2968i	0.0698-0.0461i	-0.4740+0.6919i	-0.3400-1.0606i	-0.0096+0.1594i
39.6	-0.6902-1.0224i	0.0989+0.2406i	-0.6701-1.2902i	-0.4965-1.2745i	0.0106-0.0171i	-0.4804+0.7886i	-0.3454-1.0637i	0.0061+0.1270i
39.7	-0.7307-1.0149i	0.1062+0.2249i	-0.6918-1.2856i	-0.5644-1.2887i	-0.0032-0.0396i	-0.3419+0.8927i	-0.4171-1.0850i	0.0069+0.1163i
39.8	-0.7724-0.9854i	0.1179+0.2177i	-0.7249-1.1495i	-0.6322-1.2534i	-0.0381-0.0439i	-0.2938+0.8896i	-0.4608-1.0528i	0.0288+0.1239i
39.9	-0.7882-0.9468i	0.1280+0.2097i	-0.7668-1.1809i	-0.6639-1.2030i	-0.0167-0.0828i	-0.2760+0.8794i	-0.4667-1.0312i	0.0522+0.1043i
40.0	-0.7811-0.9018i	0.1364+0.2064i	-0.7379-1.1397i	-0.6624-1.1651i	-0.0663-0.0556i	-0.2742+0.9287i	-0.4651-0.9820i	0.0539+0.1218i
40.1	-0.7730-0.8971i	0.1256+0.1996i	-0.7814-1.0495i	-0.6812-1.1623i	-0.0625-0.1213i	-0.1678+0.9221i	-0.4717-0.9488i	0.0767+0.1533i
40.2	-0.8324-0.8376i	0.1485+0.1872i	-0.6721-0.8768i	-0.7779-1.1037i	0.0015-0.0750i	-0.0013+0.9358i	-0.5542-0.8967i	0.0909+0.1511i
40.3	-0.8420-0.7941i	0.1440+0.1646i	-0.7098-0.8998i	-0.7925-1.0601i	-0.0637-0.0164i	0.0619+0.9746i	-0.5776-0.8729i	0.0819+0.1249i
40.4	-0.8581-0.7805i	0.1476+0.1593i	-0.7640-0.8618i	-0.8051-1.0537i	-0.0456-0.0195i	0.0318+1.0692i	-0.5797-0.8851i	0.0837+0.0979i
40.5	-0.8687-0.7514i	0.1425+0.1604i	-0.8746-0.8310i	-0.8505-1.0288i	-0.0329-0.0242i	0.1678+1.0799i	-0.6173-0.8427i	0.0837+0.1302i
40.6	-0.8295-0.7320i	0.1490+0.1495i	-0.8397-0.8702i	-0.8309-0.9827i	-0.1065-0.0553i	0.2445+1.0007i	-0.5747-0.8212i	0.1174+0.1207i
40.7	-0.8426-0.6826i	0.1670+0.1423i	-0.6820-0.7801i	-0.8509-0.9240i	-0.0696-0.0262i	0.2634+0.9802i	-0.5824-0.7833i	0.1375+0.1092i
40.8	-0.8455-0.6675i	0.1624+0.1472i	-0.6775-0.7087i	-0.8791-0.9036i	-0.1108+0.0040i	0.3866+0.9301i	-0.6033-0.7545i	0.1546+0.1243i
40.9	-0.8311-0.6579i	0.1609+0.1539i	-0.8110-0.6349i	-0.8693-0.8681i	-0.1038-0.0267i	0.4024+0.8209i	-0.5867-0.7373i	0.1669+0.1056i
41.0	-0.8572-0.6566i	0.1685+0.1490i	-0.8591-0.4907i	-0.9055-0.8583i	-0.1421-0.0745i	0.4608+0.8260i	-0.6219-0.7458i	0.1646+0.0648i
41.1	-0.8500-0.6790i	0.1580+0.1558i	-0.9857-0.6235i	-0.8928-0.8760i	-0.1123-0.0298i	0.4881+0.8120i	-0.6579-0.7766i	0.1017+0.0529i
41.2	-0.8476-0.6593i	0.1700+0.1333i	-0.8046-0.5735i	-0.8840-0.8232i	-0.1703+0.0252i	0.3968+0.6929i	-0.6080-0.7545i	0.1543+0.0357i
41.3	-0.8397-0.6036i	0.1710+0.0812i	-0.6223-0.5279i	-0.8653-0.7840i	-0.1027+0.0211i	0.3639+0.9116i	-0.5961-0.7865i	0.1677-0.0240i
41.4	-0.7963-0.5657i	0.1576+0.0803i	-0.5265-0.5009i	-0.8145-0.7238i	-0.1131+0.1021i	0.3419+0.8632i	-0.5132-0.7572i	0.2083-0.0666i
41.5	-0.8105-0.5784i	0.1588+0.0829i	-0.7269-0.4703i	-0.8550-0.7318i	-0.1478+0.0341i	0.5168+0.7863i	-0.5845-0.7357i	0.1785-0.0561i
41.6	-0.8282-0.5789i	0.1728+0.0749i	-0.6985-0.4475i	-0.8645-0.6869i	-0.1068+0.0463i	0.4276+0.5679i	-0.5838-0.6976i	0.1850-0.0734i
41.7	-0.8279-0.5792i	0.1549+0.0880i	-0.7148-0.5141i	-0.8754-0.6950i	-0.0692+0.0523i	0.5715+0.5593i	-0.6424-0.6791i	0.1295-0.0428i
41.8	-0.8388-0.5525i	0.1686+0.0779i	-0.5741-0.2461i	-0.8584-0.6540i	-0.1185+0.0635i	0.4326+0.5322i	-0.6111-0.6630i	0.1306-0.0659i
41.9	-0.8219-0.5614i	0.1571+0.0951i	-0.5424-0.2473i	-0.8531-0.6534i	-0.1030+0.0319i	0.5575+0.4336i	-0.6362-0.6112i	0.0984-0.0061i
42.0	-0.8224-0.5713i	0.1633+0.0968i	-0.5881-0.3989i	-0.8504-0.6923i	-0.0905+0.0768i	0.5926+0.6005i	-0.6681-0.6575i	0.0834+0.0044i
42.1	-0.8204-0.5691i	0.1699+0.0945i	-0.5809-0.3329i	-0.8323-0.6857i	-0.1234+0.0294i	0.5051+0.5715i	-0.6181-0.6830i	0.1263-0.0277i
42.2	-0.8232-0.5775i	0.1965+0.0781i	-0.4566-0.2330i	-0.8169-0.6639i	-0.1459+0.0940i	0.2644+0.3849i	-0.5301-0.6711i	0.1968-0.0502i
42.3	-0.8354-0.5851i	0.1804+0.0565i	-0.2777-0.2597i	-0.8228-0.7057i	-0.0892+0.1398i	0.2149+0.6038i	-0.5646-0.7289i	0.1749-0.0788i
42.4	-0.8270-0.5968i	0.1564+0.0952i	-0.3148-0.2406i	-0.8431-0.7202i	-0.0957+0.1069i	0.4786+0.6854i	-0.6139-0.7519i	0.1381-0.1062i
42.5	-0.8604-0.6242i	0.1717+0.0956i	-0.3995-0.3659i	-0.8557-0.7338i	-0.1171+0.1534i	0.3726+0.6913i	-0.6435-0.7975i	0.1116-0.1237i
42.6	-0.8956-0.6333i	0.1861+0.0668i	-0.4494-0.5175i	-0.8976-0.7549i	-0.0323+0.1064i	0.4858+0.7374i	-0.7344-0.8019i	0.0692-0.1078i
42.7	-0.9385-0.5822i	0.2071+0.0723i	-0.4348-0.3263i	-0.9214-0.6828i	-0.0324+0.1011i	0.3458+0.5559i	-0.6986-0.7191i	0.1023-0.1098i
42.8	-0.9593-0.5445i	0.2198+0.0607i	-0.4412-0.3810i	-0.9265-0.6522i	-0.0653+0.1212i	0.3496+0.5261i	-0.7229-0.6525i	0.0750-0.0737i
42.9	-0.9250-0.5412i	0.2261+0.0125i	-0.1945-0.3575i	-0.8946-0.7136i	-0.0283+0.1558i	0.3729+0.8335i	-0.7192-0.7377i	0.0576-0.0649i
43.0	-0.9456-0.5583i	0.2427+0.0129i	-0.2711-0.2841i	-0.9382-0.7433i	-0.0475+0.1560i	0.4094+0.7799i	-0.7147-0.7562i	0.1057-0.0659i
43.1	-0.9732-0.5596i	0.2499+0.0131i	-0.1227-0.3223i	-0.9851-0.7274i	-0.0746+0.1810i	0.3643+0.7577i	-0.7545-0.7805i	0.0943-0.0985i
43.2	-1.0142-0.5344i	0.2569+0.0190i	-0.0568-0.1852i	-1.0104-0.6812i	-0.0841+0.2061i	0.1997+0.8095i	-0.7865-0.7570i	0.0754-0.1040i
43.3	-1.0439-0.4749i	0.2482-0.0080i	-0.1930-0.2906i	-1.0427-0.6207i	-0.0636+0.2145i	0.2818+0.8918i	-0.8171-0.6920i	0.0981-0.0926i
43.4	-1.0212-0.4701i	0.2280-0.0041i	-0.3828-0.4775i	-1.0329-0.6169i	0.0342+0.1336i	0.5203+0.8875i	-0.8690-0.6685i	0.0745-0.0838i

43.5	-0.9946-0.4478i	0.2002-0.0107i	-0.3301-0.3703i	-0.9991-0.6241i	0.0203+0.0970i	0.5002+1.0000i	-0.8363-0.6645i	0.0480-0.0914i
43.6	-0.9928-0.4648i	0.2385+0.0077i	-0.1576-0.2766i	-1.0333-0.6489i	-0.0260+0.1384i	0.6798+0.9485i	-0.8399-0.6689i	0.0599-0.0539i
43.7	-1.0297-0.5030i	0.2815-0.0547i	-0.1039-0.3607i	-1.1012-0.6792i	0.0202+0.1670i	0.8621+0.8949i	-0.9358-0.7006i	0.0599-0.0457i
43.8	-1.0828-0.4583i	0.2802-0.0878i	-0.2638-0.3118i	-1.1461-0.6131i	0.0449+0.1929i	0.7458+0.8958i	-0.9526-0.6536i	0.0862-0.0570i
43.9	-1.0678-0.4070i	0.2622-0.1176i	-0.3006-0.3065i	-1.1248-0.5617i	-0.0344+0.1755i	0.7616+1.0207i	-0.9265-0.6534i	0.0953-0.0897i
44.0	-1.0776-0.3870i	0.2188-0.0920i	-0.4073-0.1702i	-1.1327-0.5327i	0.0330+0.1139i	0.7680+0.9620i	-0.9242-0.6060i	0.1044-0.0691i
44.1	-1.0662-0.3533i	0.1830-0.0881i	-0.3848-0.1923i	-1.1349-0.5201i	0.0534+0.1279i	0.8735+0.9982i	-0.9101-0.5813i	0.1433-0.0722i
44.2	-1.0521-0.3690i	0.2414-0.1259i	-0.1627-0.0230i	-1.1673-0.5582i	0.0876+0.0951i	1.2478+1.0141i	-0.9832-0.6386i	0.1065-0.1256i
44.3	-1.0568-0.3948i	0.3035-0.1403i	-0.1260+0.2161i	-1.2110-0.5493i	0.0313+0.1694i	1.4031+0.7227i	-1.0488-0.6519i	0.0467-0.1371i
44.4	-1.0886-0.3917i	0.2892-0.1931i	-0.0143+0.2439i	-1.2451-0.4972i	-0.0006+0.2427i	1.2267+0.4737i	-1.0769-0.5855i	0.0542-0.1037i
44.5	-1.1332-0.3722i	0.2382-0.2522i	0.1970+0.1177i	-1.2604-0.4435i	0.0560+0.2434i	1.0288+0.4911i	-1.0786-0.5390i	0.0886-0.0974i
44.6	-1.1575-0.3562i	0.1970-0.2794i	0.2313+0.1500i	-1.2697-0.3951i	-0.0084+0.2250i	1.0316+0.3302i	-1.0772-0.4748i	0.0863-0.1048i
44.7	-1.1821-0.3050i	0.1066-0.3304i	0.3267+0.1308i	-1.2642-0.3560i	-0.0633+0.0664i	0.9622+0.3968i	-1.1077-0.4509i	0.0441-0.1146i
44.8	-1.1800-0.2700i	0.0218-0.3177i	0.2767-0.0749i	-1.2679-0.3362i	0.0806+0.0681i	1.0441+0.5095i	-1.1658-0.4320i	0.0123-0.1046i
44.9	-1.1512-0.2355i	-0.0188-0.2278i	0.2552-0.0786i	-1.2136-0.3308i	0.1432+0.0739i	1.0400+0.6657i	-1.1332-0.4092i	0.0144-0.0795i
45.0	-1.1386-0.2271i	0.0436-0.2338i	0.3322+0.0824i	-1.2264-0.3615i	0.1617+0.1330i	1.2257+0.7337i	-1.1430-0.4460i	0.0231-0.0794i
45.1	-1.1392-0.2289i	0.0427-0.2529i	0.3916+0.0428i	-1.2501-0.3381i	0.0820+0.1543i	1.2648+0.4648i	-1.1779-0.4318i	0.0184-0.0876i
45.2	-1.1502-0.2232i	0.0120-0.2075i	0.5765+0.2759i	-1.2742-0.3153i	0.0447+0.1227i	1.1217+0.3378i	-1.1885-0.3473i	0.0286-0.0477i
45.3	-1.1520-0.2459i	0.0586-0.2203i	0.5394+0.2680i	-1.2908-0.3106i	0.0742+0.1362i	1.1352+0.3363i	-1.1755-0.3413i	0.0670-0.0542i
45.4	-1.2021-0.2389i	0.0512-0.2118i	0.5652+0.1816i	-1.3006-0.2673i	0.0533+0.1529i	0.9241+0.3004i	-1.1496-0.3149i	0.0914-0.0589i
45.5	-1.1992-0.1796i	-0.0127-0.1681i	0.5041+0.2743i	-1.2829-0.2150i	0.1046+0.0843i	0.9508+0.3059i	-1.1592-0.2468i	0.0690-0.0540i
45.6	-1.1866-0.1643i	-0.0464-0.1659i	0.4963+0.1099i	-1.2632-0.2107i	0.1278+0.0714i	1.0335+0.4116i	-1.1725-0.2287i	0.0461-0.0505i
45.7	-1.2121-0.1303i	-0.0383-0.1867i	0.7482-0.0034i	-1.3000-0.2080i	0.1883+0.1051i	1.1857+0.5306i	-1.2236-0.2436i	0.0460-0.0531i
45.8	-1.1943-0.0890i	-0.0426-0.2325i	0.7001+0.1000i	-1.3189-0.1862i	0.1920+0.1473i	1.3218+0.4175i	-1.2472-0.1901i	0.0615-0.0435i
45.9	-1.1666-0.0793i	-0.0747-0.2639i	0.7323+0.2749i	-1.3351-0.1497i	0.1776+0.0354i	1.3765+0.0807i	-1.2620-0.1003i	0.0662-0.0325i
46.0	-1.1501-0.0876i	-0.1114-0.1787i	0.7814+0.2249i	-1.3318-0.1232i	0.1023+0.0356i	1.2371+0.0417i	-1.2382-0.0684i	0.0792-0.0365i
46.1	-1.1529-0.0972i	-0.0886-0.1923i	0.8982+0.2828i	-1.3423-0.0768i	0.0642-0.0041i	1.2559-0.1018i	-1.2398-0.0047i	0.0778-0.0451i
46.2	-1.2267-0.1151i	-0.0866-0.2593i	1.1678+0.2120i	-1.3167-0.0585i	0.0798-0.0196i	0.9278-0.0823i	-1.1808+0.0113i	0.0768-0.0448i
46.3	-1.2684-0.0195i	-0.1119-0.2611i	1.0711+0.1273i	-1.3166-0.0510i	0.0797-0.0088i	1.0488+0.1247i	-1.1859+0.0136i	0.0689-0.0338i
46.4	-1.2118+0.0543i	-0.2048-0.3320i	1.0643+0.3772i	-1.3306-0.0091i	0.1643-0.0410i	1.1847-0.0784i	-1.1951+0.0611i	0.0862-0.0459i
46.5	-1.1403+0.0410i	-0.3143-0.2829i	1.5809+0.4650i	-1.3097+0.0227i	0.1055-0.1042i	0.9276-0.1678i	-1.1444+0.0985i	0.0968-0.0564i
46.6	-1.1106+0.0107i	-0.3537-0.1477i	1.8388+0.1136i	-1.2863+0.0386i	0.0435-0.0771i	0.8351-0.0898i	-1.1118+0.1310i	0.0838-0.0434i
46.7	-1.1242-0.0069i	-0.3361-0.0525i	1.7482-0.3342i	-1.2799+0.0543i	0.0058+0.0251i	0.8187+0.0416i	-1.1003+0.1397i	0.0915-0.0468i
46.8	-1.1683-0.0124i	-0.3104-0.0500i	1.6243-0.3046i	-1.2864+0.0491i	0.0231+0.0706i	0.8623+0.1559i	-1.0968+0.1323i	0.0983-0.0462i
46.9	-1.1928+0.0191i	-0.2820-0.0602i	1.6551-0.1965i	-1.3030+0.0676i	0.0302+0.0333i	1.0063+0.1275i	-1.1005+0.1646i	0.0975-0.0487i
47.0	-1.1708+0.0355i	-0.3386-0.0555i	1.8349-0.1772i	-1.3082+0.1136i	-0.0300+0.0141i	0.9794-0.0567i	-1.1077+0.1933i	0.0783-0.0505i
47.1	-1.1564+0.0116i	-0.4093+0.0332i	2.0202-0.3029i	-1.2667+0.1425i	-0.0065+0.0370i	0.6219-0.0611i	-1.0648+0.2107i	0.0863-0.0556i
47.2	-1.1731-0.0009i	-0.3301+0.0984i	1.9966-0.5043i	-1.2343+0.1279i	0.0001+0.0776i	0.5501+0.3182i	-1.0111+0.1837i	0.1216-0.0826i
47.3	-1.1997+0.0202i	-0.2419+0.1299i	1.8721-0.8534i	-1.2395+0.1420i	-0.0519+0.0670i	0.7375+0.3551i	-0.9932+0.1880i	0.1276-0.0961i
47.4	-1.2257+0.0582i	-0.1922+0.1222i	1.7684-0.8315i	-1.2446+0.1698i	-0.0151+0.0400i	0.9034+0.3309i	-0.9936+0.2162i	0.1002-0.1064i
47.5	-1.2418+0.1082i	-0.2116+0.0823i	1.6327-0.5908i	-1.2254+0.1922i	-0.0057+0.0578i	0.9658+0.3540i	-0.9981+0.2326i	0.0518-0.1158i
47.6	-1.1803+0.1801i	-0.2544+0.0993i	1.6425-0.4775i	-1.1808+0.1996i	0.0163+0.0270i	1.1327+0.3401i	-0.9692+0.2876i	0.0250-0.0512i
47.7	-1.0988+0.1696i	-0.2505+0.1090i	1.9641-0.4302i	-1.1642+0.1910i	0.0014-0.0163i	1.2514+0.1476i	-0.9063+0.3035i	0.0529-0.0283i
47.8	-1.0734+0.0700i	-0.2339+0.1160i	2.1636-0.4436i	-1.1579+0.1641i	-0.0263+0.0444i	0.9794-0.0828i	-0.8263+0.2359i	0.1010-0.0318i
47.9	-1.1412+0.0420i	-0.2272+0.1509i	2.1522-0.8155i	-1.1905+0.1578i	-0.0427+0.0920i	0.8796+0.1494i	-0.8772+0.2018i	0.1112-0.0475i
48.0	-1.1352+0.0878i	-0.2574+0.1918i	2.2975-0.8262i	-1.2178+0.2089i	-0.0442+0.0573i	1.1848-0.0603i	-0.9027+0.2832i	0.1069-0.0578i
48.1	-1.1614+0.0294i	-0.2220+0.2440i	2.4759-0.9207i	-1.1894+0.2186i	-0.0237+0.0134i	0.8765-0.2300i	-0.8522+0.2738i	0.0943-0.0649i
48.2	-1.2037+0.0362i	-0.1619+0.2125i	2.4335-0.7272i	-1.1837+0.2114i	-0.0230-0.0134i	0.7925-0.1524i	-0.8482+0.2637i	0.0814-0.0655i
48.3	-1.2301+0.0390i	-0.1504+0.2035i	2.4338-0.7173i	-1.1686+0.2001i	0.0203+0.0092i	0.6024-0.0867i	-0.8406+0.2559i	0.0637-0.0661i
48.4	-1.2796+0.0403i	-0.1699+0.1809i	2.5944-0.6053i	-1.1875+0.1698i	0.0583+0.1363i	0.6385+0.2020i	-0.8470+0.2173i	0.0552-0.0621i
48.5	-1.3006+0.0779i	-0.2029+0.1726i	2.5188-0.7763i	-1.2077+0.1826i	0.0345+0.1333i	0.8741+0.3248i	-0.8531+0.2305i	0.0685-0.0698i
48.6	-1.2545+0.1189i	-0.2076+0.2313i	2.4733-1.1743i	-1.2161+0.2247i	-0.0165+0.1225i	1.1961+0.0887i	-0.8297+0.2606i	0.0692-0.0923i
48.7	-1.2530+0.1061i	-0.1697+0.2236i	2.6474-0.9497i	-1.1979+0.2381i	0.0072+0.1517i	1.1109-0.2644i	-0.7924+0.2646i	0.0360-0.1018i
48.8	-1.2690+0.0823i	-0.1957+0.2319i	3.0934-0.9252i	-1.1903+0.2282i	-0.0002+0.0853i	0.8173-0.4681i	-0.8090+0.2137i	-0.0155-0.0833i
48.9	-1.3041+0.0378i	-0.2154+0.2397i	3.2258-0.8993i	-1.1938+0.1851i	-0.0823+0.1716i	0.5572-0.2382i	-0.8607+0.1736i	-0.0703-0.0523i
49.0	-1.3814+0.0260i	-0.1946+0.2775i	3.3360-1.1214i	-1.2394+0.1645i	-0.0668+0.2286i	0.4899+0.0424i	-0.9050+0.1804i	-0.0363+0.0176i
49.1	-1.4791+0.0496i	-0.2202+0.2919i	3.6813-1.2273i	-1.2991+0.1770i	-0.0356+0.1864i	0.4776+0.2296i	-0.9410+0.2189i	-0.0146+0.0228i
49.2	-1.5450+0.1243i	-0.2091+0.3307i	3.5755-1.5850i	-1.3213+0.1989i	-0.0024+0.1360i	0.6073+0.4557i	-0.9513+0.2805i	-0.0137+0.0604i
49.3	-1.5845+0.2390i	-0.1968+0.3646i	3.7311-1.9292i	-1.3649+0.2464i	0.0109+0.1354i	1.0040+0.5884i	-0.9549+0.3199i	-0.0008+0.0630i
49.4	-1.5181+0.2815i	-0.1689+0.3867i	3.9942-2.0198i	-1.3716+0.2699i	-0.1229+0.1408i	1.1834+0.2544i	-0.9290+0.2722i	-0.0135+0.0355i
49.5	-1.5124+0.1984i	-0.1240+0.4100i	4.1570-1.8981i	-1.3594+0.2594i	-0.1056+0.1349i	0.8649+0.0035i	-0.9309+0.2636i	-0.0450+0.0408i
49.6	-1.5923+0.1869i	-0.1189+0.4244i	4.2364-1.8423i	-1.3804+0.2427i	-0.0809+0.2191i	0.7291+0.1516i	-0.9577+0.2768i	-0.0946+0.0696i
49.7	-1.6762+0.2798i	-0.1406+0.4614i	4.7409-1.9027i	-1.4555+0.2648i	-0.0806+0.1978i	0.9752+0.3238i	-0.9722+0.3223i	-0.0831+0.1315i

49.8	−1.6505+0.3530i	−0.0965+0.4705i	5.0662−1.9566i	−1.5063+0.3291i	−0.1057+0.2785i	1.3656−0.0963i	−0.9773+0.3494i	−0.0522+0.1535i
49.9	−1.6573+0.3112i	−0.0690+0.4594i	5.2947−2.1322i	−1.5174+0.3519i	−0.1940+0.3855i	0.9723−0.3692i	−1.0105+0.3299i	−0.0564+0.1627i
50.0	−1.7363+0.3471i	−0.0680+0.4831i	5.3033−2.5900i	−1.5242+0.3799i	−0.1690+0.3896i	0.7792−0.0269i	−1.0449+0.3783i	−0.0936+0.2152i
50.1	−1.7628+0.4632i	−0.0133+0.4965i	5.2636−2.8371i	−1.5494+0.4342i	−0.0976+0.4801i	1.0658−0.0740i	−1.0484+0.4326i	−0.0732+0.3041i
50.2	−1.7414+0.5027i	0.0147+0.4516i	5.4551−3.0375i	−1.5582+0.4640i	−0.0630+0.5044i	0.9061−0.4108i	−1.0286+0.4601i	−0.0378+0.3831i
50.3	−1.7540+0.4724i	−0.0334+0.4027i	5.5658−3.3915i	−1.5618+0.4839i	−0.0371+0.4633i	0.4573−0.4026i	−1.0198+0.4826i	0.0392+0.3917i
50.4	−1.8521+0.4519i	−0.0924+0.4596i	5.6910−3.6092i	−1.5938+0.4842i	0.0445+0.4503i	0.2491−0.0354i	−1.0708+0.4858i	0.0249+0.3594i
50.5	−1.9602+0.5172i	−0.0350+0.4870i	5.8319−3.4605i	−1.6447+0.5047i	−0.0309+0.4286i	0.2856+0.1058i	−1.1041+0.5116i	0.0022+0.3799i
50.6	−2.0246+0.6321i	−0.0782+0.4365i	6.3750−4.1604i	−1.7051+0.5932i	−0.0522+0.4704i	0.2312+0.2037i	−1.1215+0.5762i	0.0138+0.3819i
50.7	−2.1394+0.7648i	−0.0759+0.5296i	6.6526−5.1995i	−1.7462+0.6880i	−0.0091+0.5382i	0.2261+0.4709i	−1.1613+0.6972i	0.0044+0.5229i
50.8	−2.1376+0.9176i	−0.0409+0.5299i	6.0495−5.6490i	−1.7387+0.7153i	0.0807+0.4924i	0.4443+0.8173i	−1.0661+0.7757i	0.1513+0.6240i
50.9	−2.1014+1.0704i	−0.0331+0.5444i	5.9953−6.2096i	−1.7631+0.8376i	0.0530+0.4967i	0.7917+0.6353i	−1.0557+0.7958i	0.1465+0.5518i
51.0	−2.1109+1.1207i	−0.0219+0.6202i	6.1211−6.6714i	−1.7528+0.9301i	0.1301+0.5721i	0.6011+0.4611i	−1.0810+0.8699i	0.1438+0.5963i
51.1	−2.1807+1.3274i	−0.0142+0.6429i	5.9543−7.2926i	−1.7714+1.0507i	0.2771+0.5505i	0.7209+0.6952i	−1.0397+0.9667i	0.2532+0.5615i
51.2	−2.0785+1.5059i	−0.0453+0.6878i	6.0304−7.5940i	−1.7200+1.0942i	0.0974+0.6417i	0.9119+0.8196i	−0.9784+0.9591i	0.1128+0.6179i
51.3	−1.9136+1.5574i	0.0062+0.7680i	5.5629−7.7328i	−1.6768+1.1174i	0.0770+0.7774i	1.1548+0.6585i	−0.9367+1.0041i	0.1578+0.8326i
51.4	−1.8770+1.4982i	−0.0289+0.8400i	5.7179−8.3182i	−1.6660+1.1703i	0.1152+0.7298i	0.9335+0.4063i	−0.9366+1.0202i	0.1752+0.8210i
51.5	−1.9962+1.5434i	0.0877+0.9697i	5.2671−8.8865i	−1.6588+1.2083i	0.2424+0.8089i	0.8307+0.7484i	−0.9235+1.0904i	0.2156+0.9429i
51.6	−1.9859+1.7559i	0.2614+0.9673i	4.7422−9.0880i	−1.6592+1.3247i	0.2995+0.9187i	1.2142+0.6793i	−0.8370+1.1792i	0.4152+0.9914i
51.7	−1.9906+1.8927i	0.3289+0.8745i	4.9737−9.5053i	−1.6083+1.4351i	0.2782+0.9288i	0.8056+0.4726i	−0.7462+1.2290i	0.3971+0.9870i
51.8	−2.0136+1.9586i	0.3283+0.8906i	4.7839−9.9892i	−1.5919+1.4274i	0.2476+0.9497i	0.6754+0.7481i	−0.7159+1.2148i	0.3990+1.1209i
51.9	−1.9724+2.2923i	0.3568+0.9283i	4.1540−10.7082i	−1.5461+1.5402i	0.2273+0.9547i	0.8814+1.1499i	−0.6861+1.2697i	0.3665+1.2279i
52.0	−1.7624+2.6271i	0.4578+1.0838i	4.0468−11.0562i	−1.4944+1.6049i	0.1797+1.3171i	1.4063+1.3854i	−0.6317+1.3918i	0.4085+1.7259i
52.1	−1.4424+2.6509i	0.7076+1.0606i	3.5834−11.6767i	−1.4830+1.6463i	0.6326+1.5342i	1.7498+0.9645i	−0.4599+1.4244i	1.1343+1.9701i
52.2	−1.1909+2.5969i	0.8662+0.9398i	3.1807−11.9528i	−1.3988+1.6877i	0.9748+1.4818i	1.6618+0.4616i	−0.3464+1.3960i	1.5306+1.8884i
52.3	−1.2249+2.4621i	0.9234+0.7813i	3.1371−12.0982i	−1.4502+1.6371i	1.3191+1.4610i	1.1398+0.7121i	−0.2980+1.3602i	1.9964+1.9036i
52.4	−1.2841+2.6681i	0.9212+0.6478i	2.9990−12.4142i	−1.6049+1.7940i	1.7554+1.2967i	1.4494+1.3932i	−0.2046+1.3682i	2.7448+1.5450i
52.5	−1.0732+2.8360i	0.7089+0.6692i	2.6927−12.6545i	−1.5248+2.0671i	1.7248+0.7842i	2.2083+0.9885i	−0.1567+1.2710i	2.6377+0.6173i
52.6	−0.8716+2.7712i	0.6272+0.8144i	2.0023−13.0640i	−1.2609+2.1785i	1.4504+0.4792i	1.8848+0.1292i	−0.1966+1.2243i	1.9836+0.2924i
52.7	−0.8744+2.8286i	0.8318+1.0666i	1.1392−13.8965i	−1.0788+2.1018i	1.2116+0.7450i	1.1253+0.8492i	−0.1995+1.3428i	1.7002+0.9454i
52.8	−0.6135+3.1380i	1.2611+0.9822i	0.2524−14.5636i	−1.0286+2.2073i	1.5866+0.9658i	1.8550+1.2955i	−0.0110+1.4587i	2.3586+1.1521i
52.9	−0.2619+3.2026i	1.4466+0.7874i	−0.6610−14.8172i	−0.8908+2.2627i	1.8425+1.0620i	2.1767+1.1735i	0.1268+1.4439i	2.6643+1.1117i
53.0	0.0529+3.1403i	1.7569+0.6461i	−1.2532−14.9291i	−0.8530+2.2080i	2.3531+1.1870i	2.6350+1.0711i	0.3043+1.4445i	3.4111+1.3403i
53.1	0.2127+2.8900i	1.8677+0.2291i	−1.6187−14.1275i	−0.8916+2.2305i	2.8971+0.7011i	2.7412+0.4336i	0.4619+1.2731i	4.2237+0.5749i
53.2	0.2064+2.6020i	1.6111−0.1627i	−1.9159−13.9727i	−0.8271+2.3698i	2.9207−0.1204i	2.1937−0.1984i	0.5067+1.0214i	4.1948−0.7497i
53.3	0.0819+2.7194i	1.2801−0.2026i	−2.8352−14.7612i	−0.6005+2.4550i	2.3636−0.4421i	1.4400+0.6281i	0.4071+0.9327i	3.2712−1.1063i
53.4	0.4336+3.0591i	1.1923+0.1442i	−4.6314−15.0110i	−0.3186+2.3735i	2.0329−0.0153i	2.5245+1.8822i	0.3480+0.9796i	2.7801−0.4181i
53.5	0.8336+2.7235i	1.5708+0.0869i	−5.3129−13.9761i	−0.3263+2.1538i	2.6182+0.1598i	3.5245+0.9584i	0.4394+0.9875i	3.5986−0.0477i
53.6	0.8113+2.3544i	1.7006−0.3124i	−5.4599−13.2221i	−0.4659+2.1184i	3.1145−0.1875i	3.3506+0.3517i	0.4827+0.9347i	4.3645−0.5376i
53.7	0.7227+2.3911i	1.5420−0.5626i	−6.3228−13.6761i	−0.4408+2.3028i	3.1847−0.7814i	3.4857+0.4304i	0.5793+0.9255i	4.5701−1.3283i
53.8	0.9043+2.4704i	1.4103−0.5933i	−7.4754−13.5469i	−0.2986+2.4142i	3.3116−1.1986i	4.1920+0.2087i	0.7063+0.8100i	4.7503−2.0493i
53.9	1.1249+2.3199i	1.3740−0.7202i	−7.8818−12.1076i	−0.1681+2.4415i	3.2198−1.8389i	4.5136−0.8479i	0.7469+0.6072i	4.6114−3.0248i
54.0	1.2029+2.1482i	1.3115−0.8204i	−8.2353−11.1643i	−0.0328+2.4609i	2.8647−2.3927i	4.3383−1.7299i	0.6772+0.4636i	4.0635−3.7498i
54.1	1.1786+1.9628i	1.2952−0.8896i	−8.6185−10.8985i	0.1373+2.3979i	2.3607−2.4499i	3.4596−2.1948i	0.5888+0.4084i	3.3270−3.8689i
54.2	1.2154+1.9941i	1.2381−1.2963i	−9.3638−10.3731i	0.2361+2.3347i	2.2799−2.5420i	3.1573−1.8682i	0.6282+0.3429i	3.3754−4.0820i
54.3	1.3750+1.8792i	0.8673−1.5218i	−9.3092−9.4978i	0.3456+2.3898i	2.0097−3.0368i	3.0696−2.3642i	0.5853+0.1889i	2.9055−4.9663i
54.4	1.4189+1.6710i	0.5224−1.5822i	−8.9501−8.9028i	0.4827+2.3550i	1.4408−3.3417i	2.5292−2.7345i	0.4665+0.0944i	2.0444−5.3734i
54.5	1.3856+1.5259i	0.2475−1.5967i	−8.2479−8.2950i	0.5913+2.3238i	0.9869−3.4225i	1.7700−2.8681i	0.3457+0.0614i	1.2300−5.4874i
54.6	1.2582+1.4547i	−0.1062−1.3908i	−7.7509−8.7897i	0.6974+2.2446i	0.5186−3.2305i	1.1077−2.2082i	0.2330+0.1108i	0.4717−5.0842i
54.7	1.2054+1.5096i	−0.2980−1.1509i	−8.4012−9.1969i	0.7762+2.1741i	0.3244−3.0371i	1.3216−1.5531i	0.1943+0.1481i	0.2236−4.7355i
54.8	1.3885+1.4542i	−0.3465−0.9768i	−9.4013−8.8216i	0.9385+2.0324i	−0.0002−3.0413i	1.7680−1.7500i	0.1930+0.1278i	−0.1217−4.6611i
54.9	1.4919+1.2540i	−0.3209−0.9268i	−8.8494−7.4632i	0.9888+1.8486i	−0.2526−2.8544i	1.4378−2.1993i	0.1092+0.1156i	−0.5990−4.4623i
55.0	1.4536+1.1332i	−0.3498−0.8733i	−8.5881−6.8564i	0.9837+1.7384i	−0.4068−2.6447i	1.0848−2.0773i	0.0518+0.1406i	−0.8253−4.1303i
55.1	1.3905+1.0636i	−0.3985−0.6171i	−8.2833−6.4726i	0.9854+1.6457i	−0.6009−2.4909i	0.8996−1.8950i	−0.0228+0.2017i	−1.1632−3.7683i
55.2	1.4464+0.9743i	−0.4678−0.5102i	−8.4055−6.6955i	1.0557+1.5680i	−0.8019−2.3089i	0.8353−1.7995i	−0.0077+0.2367i	−1.3433−3.5561i
55.3	1.4188+0.8524i	−0.4458−0.5277i	−8.3514−6.7886i	1.0701+1.4378i	−0.8302−1.9682i	0.5947−1.5341i	−0.0141+0.2691i	−1.4296−3.1359i
55.4	1.3929+0.8185i	−0.4781−0.4889i	−8.7457−6.8254i	1.0509+1.4005i	−0.7083−1.8678i	0.6018−1.2151i	0.0283+0.2963i	−1.1807−2.9540i
55.5	1.3466+0.7678i	−0.6022−0.4139i	−8.9839−5.9792i	1.0014+1.3343i	−0.6308−1.8471i	0.9142−1.0906i	0.0410+0.2713i	−1.0924−3.0843i
55.6	1.3374+0.6529i	−0.7300−0.3036i	−8.7669−5.5507i	1.0262+1.2626i	−0.8551−1.8191i	0.8780−1.2079i	−0.0035+0.2634i	−1.4711−3.0742i
55.7	1.3253+0.5855i	−0.7618−0.1489i	−8.4931−5.8263i	1.0721+1.2026i	−0.9985−1.7760i	0.7614−1.1351i	−0.0204+0.2787i	−1.7353−2.8136i
55.8	1.2975+0.5669i	−0.8402+0.1052i	−7.8670−6.1242i	1.0970+1.1853i	−1.0940−1.6884i	0.6747−1.0203i	−0.0538+0.3247i	−1.9679−2.5929i
55.9	1.2691+0.5455i	−0.8772+0.2460i	−7.8019−6.1008i	1.0802+1.1421i	−1.0411−1.5548i	0.7014−0.8418i	−0.0561+0.3421i	−1.8903−2.3755i
56.0	1.2259+0.4885i	−0.8110+0.4504i	−8.2613−5.9592i	1.0706+1.0566i	−0.9407−1.5324i	0.9712−0.6483i	−0.0629+0.3668i	−1.7638−2.2230i

56.1	1.2622+0.4445i	-0.4970+0.5287i	-8.1270-5.2692i	1.0914+0.9801i	-1.0198-1.4589i	1.2188-0.8848i	-0.0392+0.3962i	-1.8703-2.2121i
56.2	1.2413+0.3758i	-0.4288+0.4884i	-8.2033-5.3050i	1.0725+0.9122i	-1.1448-1.3076i	1.0794-1.0312i	-0.0221+0.3929i	-1.9836-2.0249i
56.3	1.1721+0.3427i	-0.4789+0.5749i	-7.6979-4.9968i	1.0130+0.9104i	-1.1310-1.3390i	0.9983-0.9078i	-0.0412+0.4065i	-1.9418-1.9252i
56.4	1.1596+0.3237i	-0.4729+0.6922i	-7.0490-4.8254i	1.0068+0.8835i	-1.1230-1.2266i	0.9978-0.7898i	-0.0402+0.4228i	-1.9327-1.7805i
56.5	1.1426+0.2957i	-0.4111+0.7454i	-6.8691-4.8931i	1.0092+0.8493i	-1.1550-1.1354i	1.0400-0.6802i	-0.0222+0.4227i	-1.9227-1.6968i
56.6	1.1243+0.2577i	-0.3224+0.8236i	-6.8300-5.1122i	1.0087+0.8155i	-1.2031-1.0939i	1.0948-0.5976i	-0.0273+0.4422i	-1.9375-1.5926i
56.7	1.0959+0.2148i	-0.2357+0.8981i	-6.6916-5.0606i	0.9917+0.7766i	-1.1999-1.0211i	1.1252-0.6052i	-0.0184+0.4582i	-1.9148-1.4943i
56.8	1.0797+0.1597i	-0.1765+0.9849i	-6.6997-5.1877i	0.9933+0.7089i	-1.1355-0.9388i	1.2265-0.6505i	-0.0012+0.4729i	-1.9229-1.3384i
56.9	1.0521+0.1214i	0.0119+1.0603i	-6.7213-5.6806i	0.9765+0.6718i	-1.0748-0.9045i	1.2585-0.6668i	0.0165+0.4960i	-1.9002-1.1758i
57.0	1.0394+0.0835i	0.0842+1.2153i	-7.0633-5.9271i	0.9858+0.6280i	-1.1373-0.8926i	1.2708-0.6323i	0.0373+0.4931i	-1.8650-1.0914i
57.1	1.0239+0.0373i	0.2341+1.4477i	-7.6659-6.5902i	1.0035+0.5680i	-1.1144-0.9442i	1.4571-0.5109i	0.0726+0.4946i	-1.7468-1.0629i
57.2	1.0033+0.0150i	0.5120+1.4064i	-7.2192-6.5103i	0.9918+0.5190i	-1.2076-0.8624i	1.5820-0.5758i	0.1106+0.5154i	-1.7823-1.0434i
57.3	0.9739+0.0157i	0.7254+1.2079i	-6.6133-6.5155i	0.9293+0.4869i	-1.3536-0.8682i	1.6619-0.7935i	0.1371+0.5095i	-1.8438-1.0105i
57.4	0.9194-0.0034i	0.8077+1.0513i	-7.1245-7.0408i	0.8794+0.4664i	-1.2614-0.7301i	1.5677-0.8694i	0.1629+0.4921i	-1.7859-0.8954i
57.5	0.8705-0.0333i	0.9002+0.9472i	-7.2688-6.9413i	0.8321+0.4267i	-1.2500-0.5894i	1.4281-0.8753i	0.1733+0.4777i	-1.7221-0.7140i
57.6	0.8585-0.0497i	0.9684+0.9302i	-7.5579-7.2492i	0.8140+0.4086i	-1.2780-0.6241i	1.4415-0.9021i	0.1771+0.4581i	-1.7066-0.6838i
57.7	0.8593-0.0368i	1.0730+0.8907i	-7.5870-7.2478i	0.8091+0.4036i	-1.2848-0.6723i	1.4159-0.8801i	0.2003+0.4492i	-1.6549-0.6344i
57.8	0.8790-0.0438i	1.1095+0.7910i	-7.5862-7.6409i	0.8050+0.3824i	-1.2068-0.5617i	1.3504-0.8471i	0.2165+0.4357i	-1.5938-0.5707i
57.9	0.8944-0.0389i	1.1327+0.7869i	-7.7080-8.1022i	0.7834+0.3547i	-1.2510-0.4767i	1.4261-0.6425i	0.2162+0.3950i	-1.5034-0.5318i
58.0	0.8711-0.0607i	1.2323+0.6974i	-8.2001-8.0176i	0.7329+0.3263i	-1.1930-0.3572i	1.6176-0.5521i	0.1852+0.3850i	-1.4534-0.4574i
58.1	0.9037-0.0879i	1.3379+0.5395i	-9.0222-8.3334i	0.6700+0.2990i	-1.0298-0.3390i	1.8674-0.5406i	0.2066+0.3797i	-1.1661-0.3821i
58.2	0.9332-0.1564i	1.2443+0.4530i	-9.3418-8.1441i	0.6328+0.3331i	-0.9376-0.5385i	2.0202-0.7725i	0.2209+0.3329i	-0.9830-0.6830i
58.3	0.8655-0.2683i	1.1530+0.6043i	-9.6951-8.6335i	0.7136+0.3599i	-1.2887-0.6992i	1.7237-0.9852i	0.1696+0.2732i	-1.4722-1.0017i
58.4	0.8646-0.2245i	1.3234+0.7091i	-9.3591-8.9285i	0.7448+0.3603i	-1.4328-0.4839i	1.7459-0.7203i	0.1114+0.2776i	-1.6158-0.8945i
58.5	0.8768-0.2357i	1.5513+0.5793i	-9.6853-8.7531i	0.7261+0.3004i	-1.4172-0.3940i	1.9491-0.7207i	0.0916+0.3029i	-1.5885-0.7340i
58.6	0.8708-0.3139i	1.6070+0.3819i	-10.8022-8.5295i	0.6849+0.2433i	-1.4373-0.3428i	1.9937-0.9045i	0.0828+0.3270i	-1.6092-0.5884i
58.7	0.9098-0.3770i	1.6609+0.3230i	-11.5770-8.3483i	0.6775+0.2219i	-1.5028-0.2402i	2.0414-0.9639i	0.0603+0.3459i	-1.6521-0.5138i
58.8	0.9158-0.4345i	1.7341+0.2499i	-12.1333-8.5204i	0.6718+0.1995i	-1.5429-0.1985i	2.1943-0.9646i	0.0439+0.3632i	-1.6626-0.4486i
58.9	0.8569-0.4265i	1.6858+0.0689i	-12.0751-7.3469i	0.6145+0.2147i	-1.4304-0.1886i	2.1064-0.9281i	0.0248+0.3938i	-1.5925-0.4291i
59.0	0.8548-0.5183i	1.7454-0.2387i	-12.2898-7.6645i	0.6068+0.1537i	-1.5094+0.0742i	2.1912-1.0921i	0.0312+0.4195i	-1.5621-0.2929i
59.1	0.8030-0.5723i	1.7044-0.3001i	-12.7055-7.5568i	0.5809+0.1593i	-1.5151+0.1251i	2.2611-1.2053i	0.0327+0.4584i	-1.5517-0.2804i
59.2	0.7829-0.6139i	1.7367-0.3112i	-12.5541-7.1826i	0.5794+0.1743i	-1.4872+0.0885i	2.2989-1.2862i	0.0452+0.5007i	-1.5707-0.2340i
59.3	0.7475-0.6682i	1.6527-0.3664i	-12.4867-6.5929i	0.5353+0.1767i	-1.4662+0.0650i	2.2842-1.3126i	0.0256+0.5104i	-1.5293-0.2762i
59.4	0.7180-0.7239i	1.5983-0.4565i	-13.0865-7.0673i	0.5263+0.1447i	-1.4354+0.1909i	2.3385-1.3960i	0.0513+0.5309i	-1.5147-0.1991i
59.5	0.6811-0.7574i	1.6288-0.5111i	-13.4920-7.1228i	0.5241+0.1412i	-1.5112+0.2629i	2.3390-1.4902i	0.0866+0.5740i	-1.5151-0.1371i
59.6	0.6457-0.8288i	1.5818-0.5418i	-13.8834-6.8789i	0.4988+0.1405i	-1.4769+0.1947i	2.3524-1.5305i	0.0976+0.6090i	-1.5071-0.1608i
59.7	0.6037-0.8959i	1.6052-0.6875i	-14.3695-6.9493i	0.4787+0.1239i	-1.4573+0.3637i	2.4253-1.6998i	0.1385+0.6415i	-1.4522-0.0675i
59.8	0.5760-0.9613i	1.6031-0.7631i	-14.5937-6.8222i	0.4718+0.0941i	-1.5149+0.4908i	2.4572-1.7793i	0.1605+0.6656i	-1.4661-0.0154i
59.9	0.5130-1.0387i	1.5747-0.8370i	-14.5623-6.5847i	0.4587+0.0731i	-1.4759+0.5525i	2.4269-1.8820i	0.1526+0.6855i	-1.4608-0.0116i
60.0	0.4664-1.0769i	1.5559-0.9437i	-14.8073-6.1640i	0.4399+0.0685i	-1.4752+0.5955i	2.4087-1.9505i	0.1413+0.6742i	-1.4070-0.0015i
60.1	0.4245-1.1535i	1.5146-1.0706i	-15.2075-6.9664i	0.4306+0.0529i	-1.4667+0.6300i	2.5096-2.0744i	0.2144+0.6995i	-1.3850+0.0689i
60.2	0.3539-1.2260i	1.4340-1.2100i	-15.1680-7.4434i	0.4160+0.0508i	-1.4066+0.8169i	2.5607-2.1623i	0.3300+0.7726i	-1.4325+0.1599i
60.3	0.2611-1.3227i	1.3443-1.2743i	-15.5078-7.6549i	0.3912+0.0146i	-1.3957+0.8301i	2.5143-2.2737i	0.3677+0.7937i	-1.4302+0.1985i
60.4	0.1388-1.3693i	1.1285-1.3562i	-16.3660-7.3886i	0.3407-0.0101i	-1.3286+0.9452i	2.4054-2.3798i	0.4204+0.7824i	-1.3408+0.2300i
60.5	0.0247-1.4780i	1.0027-1.4110i	-17.4131-8.7391i	0.3102-0.0390i	-1.3239+1.0112i	2.5265-2.5772i	0.5168+0.8286i	-1.3245+0.3606i
60.6	-0.1088-1.5096i	0.8949-1.3200i	-18.1219-8.4443i	0.2404-0.0466i	-1.1654+1.0626i	2.5306-2.6262i	0.5673+0.8374i	-1.2766+0.4298i
60.7	-0.2764-1.4713i	0.7908-1.0949i	-19.6428-8.2727i	0.2014-0.0109i	-1.0152+1.0720i	2.4050-2.6322i	0.6055+0.7902i	-1.2298+0.3806i
60.8	-0.4553-1.4588i	0.8428-1.0218i	-20.5332-7.7404i	0.1588+0.0140i	-0.9016+1.0230i	2.3578-2.7717i	0.6685+0.7506i	-1.1363+0.3940i
60.9	-0.5949-1.3959i	1.0041-1.0747i	-21.3745-6.8275i	0.1099+0.0401i	-0.8975+1.0388i	2.3457-2.8194i	0.7182+0.7526i	-1.1027+0.4180i
61.0	-0.6905-1.3124i	0.9594-1.1784i	-22.1444-5.2688i	0.0579+0.0721i	-0.8515+1.1241i	2.1892-2.8259i	0.7294+0.6990i	-1.0125+0.3399i
61.1	-0.7657-1.2680i	0.9436-1.3199i	-23.1896-4.8932i	0.0362+0.0984i	-0.8155+1.0269i	2.1720-3.0029i	0.7762+0.6879i	-0.9664+0.3310i
61.2	-0.8520-1.2186i	0.9129-1.4114i	-25.0741-5.5879i	0.0234+0.0976i	-0.7368+1.0413i	2.1242-3.1593i	0.8244+0.6459i	-0.9227+0.3626i
61.3	-0.9943-1.2058i	0.8079-1.5130i	-25.2727-4.4663i	-0.0048+0.1218i	-0.7455+1.1308i	2.0897-3.3900i	0.9141+0.6360i	-0.9481+0.3776i
61.4	-1.0183-1.1602i	0.7357-1.4889i	-25.4469-3.4763i	-0.0225+0.1363i	-0.7882+1.2004i	1.9920-3.2994i	0.9350+0.6371i	-0.9413+0.3661i
61.5	-1.1552-1.1362i	0.6408-1.5557i	-27.9618-2.6172i	-0.0922+0.1558i	-0.6891+1.1846i	1.8647-3.3347i	0.9713+0.5991i	-0.8659+0.3019i
61.6	-1.2712-1.0393i	0.5568-1.6158i	-28.8543-0.7426i	-0.1144+0.1924i	-0.6177+1.1314i	1.8360-3.5025i	1.0369+0.5432i	-0.8732+0.3430i
61.7	-1.2849-0.9413i	0.4937-1.6010i	-28.3279+0.6188i	-0.1115+0.2141i	-0.5774+1.0568i	1.7414-3.5653i	1.0452+0.4880i	-0.8562+0.3656i
61.8	-1.3502-0.8702i	0.3900-1.6103i	-29.1851+1.5323i	-0.1308+0.2409i	-0.5312+1.0778i	1.6431-3.6539i	1.0964+0.4491i	-0.8268+0.3889i
61.9	-1.4944-0.7826i	0.2676-1.6580i	-29.8110+3.0917i	-0.1727+0.2925i	-0.4219+1.2395i	1.4928-3.8142i	1.1745+0.3811i	-0.7573+0.3958i
62.0	-1.6411-0.6493i	0.1317-1.6730i	-30.7809+5.2450i	-0.1843+0.3420i	-0.3441+1.2370i	1.3044-3.9566i	1.2443+0.3071i	-0.7513+0.4162i
62.1	-1.7020-0.6257i	0.0586-1.7058i	-32.2815+6.6934i	-0.2086+0.3715i	-0.3647+1.2406i	1.3706-3.9337i	1.2931+0.3042i	-0.7588+0.3996i
62.2	-1.6899-0.4968i	-0.0328-1.6685i	-31.7371+8.5105i	-0.2037+0.4242i	-0.2622+1.2503i	1.2680-3.9342i	1.2884+0.2563i	-0.7324+0.4176i
62.3	-1.7376-0.3800i	-0.1238-1.6011i	-30.9838+9.8418i	-0.2175+0.4816i	-0.2252+1.2931i	1.1473-3.9567i	1.3186+0.1955i	-0.6919+0.4043i

62.4	−1.7978−0.2130i	−0.2576−1.5503i	−31.0220+10.8442i	−0.2185+0.5406i	−0.2161+1.2157i	1.0565−4.0280i	1.3682+0.0896i	−0.6597+0.4258i
62.5	−1.8498−0.1070i	−0.3773−1.4677i	−31.2480+12.8886i	−0.2328+0.6013i	−0.1497+1.2977i	0.9428−3.9711i	1.3804+0.0140i	−0.6600+0.3644i
62.6	−1.8720+0.0038i	−0.4411−1.4365i	−31.7942+14.2230i	−0.2154+0.6278i	−0.1263+1.3236i	0.8572−4.1588i	1.4117−0.0761i	−0.6558+0.3938i
62.7	−1.8689+0.1705i	−0.5314−1.3860i	−30.8943+16.8848i	−0.1871+0.7019i	−0.0102+1.3143i	0.7175−4.3316i	1.4136−0.1848i	−0.6340+0.4327i
62.8	−1.9482+0.3188i	−0.5800−1.3188i	−31.8303+20.2264i	−0.1793+0.7874i	0.1370+1.3385i	0.6205−4.4005i	1.4405−0.2544i	−0.6976+0.4056i
62.9	−1.9677+0.4021i	−0.5963−1.2404i	−31.8922+22.6422i	−0.1762+0.8259i	0.0872+1.3868i	0.4598−4.4458i	1.4229−0.3261i	−0.6739+0.4106i
63.0	−1.8888+0.5185i	−0.6534−1.1186i	−30.5958+23.4704i	−0.1231+0.8549i	0.1856+1.3282i	0.2884−4.2942i	1.3877−0.4074i	−0.6547+0.3777i
63.1	−1.8933+0.6571i	−0.7495−1.0771i	−29.8432+25.2781i	−0.0916+0.9161i	0.1854+1.3296i	0.0916−4.4286i	1.3783−0.5354i	−0.6022+0.3735i
63.2	−1.9224+0.8160i	−0.8045−1.0394i	−28.1803+28.6942i	−0.0584+1.0021i	0.2322+1.3156i	−0.1194−4.5502i	1.3793−0.6349i	−0.6031+0.4088i
63.3	−1.9052+0.9545i	−0.8442−0.9447i	−27.4233+31.2509i	−0.0095+1.0793i	0.1934+1.2871i	−0.3007−4.6628i	1.3879−0.7542i	−0.5854+0.4368i
63.4	−1.8111+1.0149i	−0.8571−0.8609i	−25.0465+33.3913i	0.0268+1.1161i	0.2369+1.3396i	−0.2881−4.5574i	1.3573−0.7784i	−0.5816+0.4522i
63.5	−1.7344+1.1435i	−0.8217−0.8533i	−25.0885+36.7543i	0.1233+1.1650i	0.2697+1.2669i	−0.4783−4.5675i	1.2938−0.8733i	−0.6030+0.4705i
63.6	−1.6556+1.3109i	−0.8871−0.7786i	−23.0701+37.8306i	0.2255+1.1773i	0.4689+1.3041i	−0.8092−4.5448i	1.1962−0.9857i	−0.5616+0.4915i
63.7	−1.5843+1.4349i	−0.9256−0.6794i	−19.4899+39.7643i	0.2794+1.2271i	0.5653+1.3640i	−0.9134−4.4430i	1.1330−1.0439i	−0.5259+0.4877i
63.8	−1.4580+1.5422i	−0.9447−0.5990i	−15.9511+42.1357i	0.3643+1.2410i	0.6712+1.3063i	−1.1437−4.2950i	1.0226−1.1135i	−0.4967+0.4764i
63.9	−1.2816+1.6266i	−1.0534−0.5503i	−11.8318+45.0689i	0.4820+1.2271i	0.6731+1.3068i	−1.5224−4.1980i	0.8883−1.1827i	−0.4271+0.4979i
64.0	−1.1336+1.7243i	−1.1361−0.4279i	−7.8338+47.0663i	0.5832+1.2296i	0.7805+1.1462i	−1.5441−4.0529i	0.8211−1.2138i	−0.4325+0.5099i
64.1	−1.0485+1.7057i	−1.1330−0.2885i	−6.7516+46.6939i	0.6331+1.1862i	0.8763+1.0412i	−1.6839−3.8878i	0.7493−1.2281i	−0.3835+0.4867i
64.2	−0.9370+1.7757i	−1.1898−0.0191i	−0.3971+48.4605i	0.7313+1.1740i	1.0189+1.0821i	−1.9221−3.7094i	0.6392−1.2836i	−0.3399+0.4819i
64.3	−0.9137+1.8029i	−1.1803+0.1224i	3.5693+48.4162i	0.7651+1.2395i	1.1318+0.9675i	−1.7764−3.7138i	0.6396−1.2865i	−0.3349+0.4788i
64.4	−0.8078+1.8284i	−1.0496+0.2894i	6.9468+49.3518i	0.8304+1.2178i	1.1642+0.8982i	−1.7769−3.4800i	0.5575−1.2859i	−0.3333+0.4449i
64.5	−0.5515+1.8851i	−0.8868+0.4666i	11.7967+48.5778i	0.9874+1.1563i	1.2225+0.6341i	−1.8342−3.2308i	0.4359−1.2763i	−0.3271+0.4448i
64.6	−0.4346+1.9286i	−0.7066+0.5396i	16.0644+44.0830i	1.1067+1.1218i	1.2743+0.6307i	−1.8351−3.1901i	0.3505−1.3009i	−0.3267+0.4286i
64.7	−0.3780+1.9153i	−0.5689+0.5837i	20.6577+42.1188i	1.1584+1.0515i	1.1896+0.6073i	−1.8851−3.1003i	0.2666−1.2998i	−0.3043+0.4339i
64.8	−0.2938+1.8464i	−0.4559+0.5713i	24.3205+41.2192i	1.1885+0.9994i	1.1606+0.4589i	−1.8343−3.0445i	0.1974−1.2626i	−0.2773+0.4335i
64.9	−0.0892+1.8189i	−0.2869+0.5732i	32.1285+38.7339i	1.2859+0.9019i	1.2091+0.3851i	−1.7672−2.8588i	0.0826−1.2408i	−0.2562+0.4355i
65.0	0.0154+1.7649i	−0.1455+0.5279i	35.4375+33.4363i	1.3506+0.8150i	1.2265+0.3930i	−1.6982−2.8186i	0.0308−1.1930i	−0.2633+0.4495i
65.1	0.1612+1.6742i	−0.0032+0.4807i	36.7615+28.3098i	1.3852+0.6966i	1.0754+0.2692i	−1.5370−2.7029i	−0.0199−1.1165i	−0.2550+0.4457i
65.2	0.2325+1.6263i	0.0343+0.4338i	38.9765+22.2200i	1.4177+0.5955i	1.1884+0.1815i	−1.5831−2.7299i	−0.0800−1.0822i	−0.2307+0.4283i
65.3	0.3012+1.5231i	0.0884+0.3709i	40.7560+14.4436i	1.4044+0.4676i	1.1369−0.0019i	−1.5757−2.6737i	−0.1384−1.0102i	−0.2168+0.4297i
65.4	0.3254+1.3667i	0.1133+0.3142i	39.9820+8.1690i	1.3458+0.3366i	1.0832−0.0551i	−1.5889−2.5980i	−0.1876−0.9162i	−0.1935+0.4260i
65.5	0.2768+1.2763i	0.1437+0.2186i	39.8774+4.4213i	1.3243+0.2922i	1.1124−0.0367i	−1.5903−2.6150i	−0.1821−0.8642i	−0.1516+0.4192i
65.6	0.2675+1.2132i	0.1454+0.1379i	39.5560−1.3059i	1.3058+0.2262i	1.1025−0.0570i	−1.5650−2.6069i	−0.1777−0.8189i	−0.1163+0.4134i
65.7	0.2170+1.1702i	0.0620+0.0895i	38.0502−5.6673i	1.2575+0.1809i	1.1575−0.1044i	−1.5436−2.6030i	−0.1619−0.7654i	−0.0859+0.3978i
65.8	0.2159+1.1801i	0.0092+0.1159i	35.5265−7.8805i	1.1894+0.1601i	1.0877−0.1643i	−1.4886−2.4687i	−0.1536−0.7223i	−0.0836+0.3388i
65.9	0.2631+1.1682i	0.0218+0.1039i	34.4782−11.8981i	1.2194+0.1237i	1.0543−0.1595i	−1.4314−2.5266i	−0.1575−0.7174i	−0.0941+0.3378i
66.0	0.2868+1.1387i	−0.0761+0.1944i	29.6436−16.2511i	1.1763+0.0573i	0.9925−0.2946i	−1.4934−2.4672i	−0.1547−0.6575i	−0.0554+0.2924i
66.1	0.2939+1.1763i	−0.1336+0.3029i	26.8498−20.1870i	1.1891+0.0459i	0.9604−0.3802i	−1.5487−2.5312i	−0.1484−0.6451i	−0.0370+0.2617i
66.2	0.3438+1.1431i	−0.0909+0.3350i	24.2231−21.7797i	1.1943−0.0118i	0.9183−0.3934i	−1.5633−2.5193i	−0.1510−0.6375i	−0.0253+0.2533i
66.3	0.3945+1.1200i	−0.0723+0.4202i	21.1918−25.7432i	1.1744−0.0722i	0.8461−0.5041i	−1.6769−2.4936i	−0.1627−0.6087i	−0.0245+0.2300i
66.4	0.4314+1.0492i	−0.0169+0.5088i	14.9982−27.4916i	1.1482−0.1440i	0.6782−0.5472i	−1.7561−2.5240i	−0.1415−0.5853i	−0.0207+0.2140i
66.5	0.4521+0.9461i	0.0543+0.5172i	13.1861−24.8711i	1.0919−0.2144i	0.6676−0.5152i	−1.6673−2.5057i	−0.1114−0.5677i	−0.0078+0.2145i
66.6	0.4537+0.8548i	0.0775+0.5667i	9.6027−25.6472i	1.0264−0.2790i	0.5805−0.4100i	−1.6625−2.5390i	−0.0872−0.5563i	0.0113+0.2005i
66.7	0.4054+0.8237i	0.1096+0.7120i	6.1288−26.3453i	0.9813−0.2872i	0.4956−0.4723i	−1.7426−2.6932i	−0.0670−0.5537i	0.0135+0.1692i
66.8	0.4061+0.7779i	0.2194+0.8011i	1.4299−26.2146i	0.9285−0.3350i	0.5088−0.4983i	−1.8167−2.6520i	−0.0514−0.5420i	0.0196+0.1561i
66.9	0.3810+0.6854i	0.3179+0.8418i	−2.8351−27.4567i	0.8503−0.3793i	0.4706−0.5566i	−1.7713−2.6304i	−0.0161−0.5337i	0.0291+0.1425i
67.0	0.3018+0.6548i	0.4951+0.8550i	−5.3486−24.6536i	0.7504−0.3703i	0.4097−0.5784i	−1.8062−2.6061i	−0.0147−0.5421i	0.0092+0.1057i
67.1	0.2537+0.6538i	0.6252+0.9182i	−7.9143−23.9869i	0.6919−0.3720i	0.4259−0.5116i	−1.9588−2.6466i	−0.0153−0.5507i	0.0089+0.0835i
67.2	0.1899+0.6436i	0.7089+0.9340i	−11.2717−23.7052i	0.5892−0.3496i	0.3405−0.4505i	−2.0436−2.6262i	0.0038−0.5591i	0.0202+0.0636i
67.3	0.1541+0.6713i	0.8585+0.9112i	−12.2207−20.7944i	0.5481−0.3019i	0.2736−0.5180i	−2.0100−2.6072i	0.0094−0.5563i	−0.0066+0.0704i
67.4	0.1024+0.6739i	1.0195+0.8022i	−13.3832−21.3547i	0.5008−0.2562i	0.2053−0.3703i	−2.0603−2.5944i	0.0162−0.5605i	0.0012+0.0532i
67.5	0.0860+0.6923i	1.1283+0.7718i	−15.4245−18.2543i	0.4688−0.2342i	0.1641−0.3907i	−2.1417−2.5429i	0.0223−0.5832i	0.0135+0.0283i
67.6	0.1005+0.7331i	1.3022+0.7303i	−19.6821−18.0335i	0.4479−0.2049i	0.1942−0.4232i	−2.2541−2.5028i	0.0293−0.5846i	0.0086+0.0215i
67.7	0.0634+0.7573i	1.4147+0.5940i	−21.1458−16.6734i	0.4093−0.1596i	0.2420−0.3677i	−2.3155−2.4364i	0.0126−0.6001i	−0.0071+0.0109i
67.8	0.0645+0.8010i	1.5749+0.5374i	−22.9993−13.7309i	0.3881−0.1212i	0.1492−0.3443i	−2.3382−2.3847i	0.0184−0.6085i	−0.0178−0.0156i
67.9	0.0455+0.8126i	1.6169+0.4272i	−23.2441−12.6942i	0.3836−0.0713i	0.1367−0.3067i	−2.3493−2.3904i	0.0327−0.6333i	−0.0213−0.0322i
68.0	0.0429+0.8528i	1.7006+0.3270i	−23.4161−10.5496i	0.3890−0.0234i	0.1188−0.3328i	−2.3993−2.3876i	0.0352−0.6361i	−0.0256−0.0299i
68.1	0.0808+0.8865i	1.8227+0.1954i	−22.9552−8.5642i	0.3912+0.0070i	0.1122−0.3349i	−2.4735−2.3448i	0.0201−0.6346i	−0.0433−0.0374i
68.2	0.1174+0.9246i	1.9301+0.0493i	−24.0716−7.2508i	0.4078+0.0458i	0.0875−0.3413i	−2.5891−2.2921i	0.0101−0.6674i	−0.0563−0.0620i
68.3	0.1814+0.9356i	1.9655−0.2117i	−25.2984−3.1396i	0.4382+0.0582i	0.0801−0.1849i	−2.7541−2.0844i	−0.0219−0.6849i	−0.0699−0.0687i
68.4	0.2199+0.9356i	1.9882−0.3973i	−26.1056+0.1789i	0.4567+0.0783i	0.0027−0.2026i	−2.7664−1.9745i	−0.0317−0.6807i	−0.0842−0.0623i
68.5	0.2114+0.9130i	1.9605−0.5433i	−26.9390+1.6508i	0.4602+0.0923i	0.0098−0.2995i	−2.7990−1.9550i	−0.0332−0.6922i	−0.0852−0.0577i
68.6	0.1906+0.8993i	1.9242−0.6093i	−26.0594+1.8893i	0.4631+0.1202i	0.0182−0.2015i	−2.8143−1.9366i	−0.0366−0.6877i	−0.0879−0.0519i

68.7	0.2060+0.8672i	1.8716-0.7415i	-25.7726+3.8564i	0.4550+0.1423i	-0.0074-0.1984i	-2.6955-1.7846i	-0.0377-0.6597i	-0.1096-0.0643i
68.8	0.2276+0.8427i	1.8044-0.9697i	-24.8498+7.3843i	0.4880+0.1391i	0.0826-0.0678i	-2.7410-1.6615i	-0.0579-0.6699i	-0.1204-0.0681i
68.9	0.2402+0.8812i	1.7897-1.1569i	-24.3572+9.6765i	0.5385+0.1664i	0.1151-0.0610i	-2.8410-1.5863i	-0.0752-0.6894i	-0.1518-0.0576i
69.0	0.2231+0.8990i	1.7585-1.2404i	-25.1125+11.0366i	0.5828+0.1876i	0.1190-0.0639i	-2.8739-1.6525i	-0.0679-0.7160i	-0.1609-0.0607i
69.1	0.1919+0.8795i	1.6862-1.2946i	-24.2669+11.7751i	0.5988+0.1824i	0.1752-0.0190i	-2.9084-1.5942i	-0.0718-0.7207i	-0.1669-0.0647i
69.2	0.1426+0.8667i	1.5644-1.3944i	-22.5002+13.3271i	0.5974+0.1657i	0.2515+0.0169i	-2.8526-1.5259i	-0.0945-0.7272i	-0.1604-0.0535i
69.3	0.0953+0.8906i	1.4916-1.4854i	-21.6266+14.4310i	0.6214+0.1723i	0.2404-0.0800i	-2.9023-1.4722i	-0.0985-0.7355i	-0.1651-0.0543i
69.4	0.1057+0.9342i	1.3432-1.6137i	-21.2471+16.3797i	0.6433+0.1730i	0.2821-0.1929i	-2.8581-1.2754i	-0.0860-0.7269i	-0.1443-0.0359i
69.5	0.0986+1.0157i	1.2543-1.6363i	-20.1240+17.2047i	0.6410+0.1974i	0.3259-0.1194i	-2.7570-1.1896i	-0.0796-0.7366i	-0.1528-0.0486i
69.6	0.1176+1.1045i	1.1699-1.6130i	-19.1770+18.4616i	0.6590+0.1916i	0.2355-0.1740i	-2.7486-1.1122i	-0.0829-0.7354i	-0.1268-0.0360i
69.7	0.1802+1.1348i	1.0853-1.6300i	-17.5415+20.1343i	0.6875+0.1401i	0.2426-0.3463i	-2.8385-1.0377i	-0.1325-0.7619i	-0.1339-0.0485i
69.8	0.2051+1.1937i	1.1089-1.6766i	-15.4795+21.7189i	0.7255+0.1532i	0.2522-0.4252i	-2.8975-1.0361i	-0.1558-0.7707i	-0.1394-0.0518i
69.9	0.2105+1.2372i	1.1441-1.7479i	-14.9794+21.9484i	0.7463+0.1952i	0.2622-0.5133i	-2.8885-1.0656i	-0.1576-0.7763i	-0.1431-0.0538i
70.0	0.3164+1.2192i	0.9926-1.8578i	-12.5453+23.9030i	0.7400+0.1503i	0.1828-0.3804i	-2.7745-0.8648i	-0.1747-0.7545i	-0.1329-0.0533i
70.1	0.3665+1.2799i	0.9200-1.9165i	-11.5023+24.6518i	0.7748+0.1434i	0.1330-0.4744i	-2.8218-0.7810i	-0.1639-0.7481i	-0.1409-0.0690i
70.2	0.4055+1.3404i	0.8426-2.0085i	-10.6660+23.9719i	0.8076+0.1398i	0.1658-0.5514i	-2.8854-0.7663i	-0.1601-0.7804i	-0.1222-0.0591i
70.3	0.4794+1.3467i	0.6976-2.0974i	-8.9265+24.5904i	0.8456+0.1171i	0.0768-0.4930i	-2.8218-0.6784i	-0.1645-0.8007i	-0.0972-0.0655i
70.4	0.5009+1.3573i	0.6377-2.0627i	-7.3163+25.1192i	0.8408+0.1338i	-0.0351-0.6167i	-2.7417-0.6736i	-0.1482-0.8078i	-0.1128-0.0958i
70.5	0.5837+1.3295i	0.4908-2.0747i	-5.5702+25.7488i	0.8883+0.1304i	-0.0246-0.5772i	-2.6589-0.6627i	-0.1368-0.8403i	-0.1333-0.1254i
70.6	0.6946+1.3137i	0.3363-2.0782i	-3.7502+26.1636i	0.8864+0.0686i	-0.0533-0.5327i	-2.6628-0.5405i	-0.1802-0.8412i	-0.1351-0.1147i
70.7	0.7236+1.4062i	0.3349-2.0443i	-3.8404+24.7958i	0.9195+0.0988i	-0.0486-0.5908i	-2.7439-0.6244i	-0.1685-0.8752i	-0.1351-0.1318i
70.8	0.7796+1.3885i	0.2404-2.0251i	-2.4149+24.4373i	0.9375+0.0797i	-0.0954-0.4895i	-2.6929-0.6021i	-0.1840-0.9014i	-0.1362-0.1140i
70.9	0.8447+1.3015i	0.0895-1.9681i	-0.6474+24.3208i	0.9587+0.0177i	-0.1576-0.4372i	-2.6506-0.5119i	-0.2213-0.9168i	-0.1498-0.1341i
71.0	0.9811+1.3166i	0.0064-2.0629i	0.3445+25.1676i	1.0322-0.0068i	-0.2568-0.4686i	-2.7340-0.4550i	-0.2646-0.9976i	-0.1543-0.1490i
71.1	1.1042+1.2989i	-0.1091-2.0784i	0.9232+24.6229i	1.0665-0.0550i	-0.3889-0.4697i	-2.7817-0.3623i	-0.3268-1.0406i	-0.1602-0.1455i
71.2	1.1560+1.2217i	-0.1686-2.0262i	2.9769+23.8832i	1.0858-0.0657i	-0.4011-0.4082i	-2.6774-0.4336i	-0.3538-1.0688i	-0.1505-0.1582i
71.3	1.1730+1.1976i	-0.1885-1.9883i	3.7483+23.0575i	1.1222-0.0772i	-0.3971-0.3940i	-2.6979-0.4335i	-0.3963-1.0766i	-0.1746-0.1595i
71.4	1.2625+1.0703i	-0.3186-1.9381i	4.5899+22.3362i	1.1164-0.1930i	-0.4415-0.3363i	-2.7709-0.2486i	-0.4708-1.0558i	-0.2080-0.1711i
71.5	1.2946+0.9913i	-0.3641-1.8923i	5.0293+20.9913i	1.1092-0.2340i	-0.4272-0.1898i	-2.7357-0.1950i	-0.5102-1.0427i	-0.1906-0.1976i
71.6	1.3500+0.9368i	-0.4295-1.8348i	5.9795+21.1148i	1.1132-0.2419i	-0.4722-0.1753i	-2.6524-0.1332i	-0.5706-1.0159i	-0.1876-0.1726i
71.7	1.3833+0.9275i	-0.4852-1.7876i	7.3580+20.6938i	1.1437-0.2354i	-0.4497-0.0871i	-2.6292-0.1615i	-0.5974-1.0316i	-0.2159-0.1925i
71.8	1.4560+0.8353i	-0.5665-1.7916i	9.2587+19.5436i	1.1891-0.3290i	-0.4078+0.0166i	-2.6568-0.1569i	-0.6663-1.0393i	-0.2272-0.1909i
71.9	1.4275+0.6627i	-0.6394-1.6797i	9.8821+18.9082i	1.1320-0.4287i	-0.3783+0.0882i	-2.6215+0.0299i	-0.7324-0.9554i	-0.2144-0.1707i
72.0	1.3495+0.5782i	-0.6544-1.5216i	9.4828+17.2428i	1.0578-0.4809i	-0.3275+0.0532i	-2.5316+0.0885i	-0.7366-0.8660i	-0.2011-0.1844i
72.1	1.2954+0.5118i	-0.7308-1.5050i	10.1016+16.3945i	1.0250-0.5655i	-0.2216+0.1005i	-2.4893+0.1237i	-0.8034-0.8452i	-0.2280-0.1574i
72.2	1.3246+0.4824i	-0.7499-1.5335i	10.7245+16.4616i	1.0385-0.6021i	-0.2042+0.0369i	-2.5414+0.2179i	-0.8400-0.8316i	-0.2405-0.1613i
72.3	1.3315+0.4763i	-0.7410-1.5369i	11.4934+16.1917i	1.0395-0.6074i	-0.2110-0.0365i	-2.5574+0.2328i	-0.8497-0.8213i	-0.2448-0.1705i
72.4	1.3332+0.4220i	-0.7918-1.5164i	11.3863+15.3605i	1.0237-0.6731i	-0.1869+0.0357i	-2.5234+0.3563i	-0.8848-0.8010i	-0.2434-0.1821i
72.5	1.3204+0.4084i	-0.8272-1.4425i	11.3758+14.3676i	0.9641-0.7003i	-0.2362+0.0745i	-2.4900+0.4152i	-0.8934-0.7414i	-0.2479-0.1726i
72.6	1.3209+0.3539i	-0.8713-1.4151i	11.4808+12.9110i	0.9382-0.7369i	-0.1876+0.0856i	-2.4400+0.4414i	-0.9119-0.7249i	-0.2630-0.1723i
72.7	1.3542+0.3132i	-0.8772-1.4307i	11.5352+12.6718i	1.0073-0.7581i	-0.1078+0.1417i	-2.4816+0.5204i	-0.9179-0.7120i	-0.2743-0.1861i
72.8	1.3311+0.2870i	-0.9155-1.3420i	11.2496+11.9896i	0.9453-0.7630i	-0.0782+0.1218i	-2.3658+0.5265i	-0.9006-0.6675i	-0.2996-0.1804i
72.9	1.2822+0.2502i	-0.9653-1.1915i	11.5233+10.6500i	0.8309-0.7955i	-0.1597+0.0823i	-2.2241+0.5762i	-0.8964-0.5722i	-0.2907-0.1515i
73.0	1.2946+0.1909i	-0.9810-1.1474i	11.7818+9.7245i	0.8393-0.8506i	-0.2518+0.0475i	-2.2983+0.6044i	-0.9074-0.5455i	-0.2899-0.1392i
73.1	1.2392+0.1228i	-1.0213-1.0658i	11.8646+9.8037i	0.7719-0.8834i	-0.1242-0.0400i	-2.1483+0.7171i	-0.8844-0.4877i	-0.2974-0.1254i
73.2	1.1703+0.0532i	-1.0248-0.9743i	12.0939+9.4434i	0.6801-0.8768i	-0.0406+0.0987i	-1.9964+0.8191i	-0.8645-0.4195i	-0.2864-0.1290i
73.3	1.1924+0.0079i	-1.0880-0.9178i	12.0079+8.4317i	0.7001-0.9541i	-0.0807+0.1103i	-1.9757+0.8634i	-0.8848-0.4129i	-0.3098-0.1153i
73.4	1.1738-0.0299i	-1.0703-0.8809i	11.9096+7.7574i	0.7107-0.9699i	-0.1077+0.0776i	-1.9479+0.8714i	-0.8567-0.4077i	-0.3051-0.1252i
73.5	1.1150-0.0025i	-0.9444-0.7778i	12.1146+7.3324i	0.6565-0.8975i	-0.0759+0.1230i	-1.7647+0.7315i	-0.7539-0.3987i	-0.2673-0.1365i
73.6	1.1525-0.0012i	-0.9409-0.7741i	12.0315+6.8855i	0.6768-0.9263i	-0.1115+0.1313i	-1.8396+0.7521i	-0.7865-0.4285i	-0.2786-0.1471i
73.7	1.1678-0.0411i	-0.9314-0.7428i	11.7317+6.1592i	0.6707-0.9632i	-0.0734+0.1646i	-1.7909+0.7068i	-0.7757-0.4574i	-0.2831-0.1569i
73.8	1.1516-0.1161i	-0.9160-0.7156i	11.5313+5.8367i	0.6176-1.0112i	-0.1411+0.2115i	-1.6676+0.8710i	-0.7508-0.4581i	-0.2982-0.1797i
73.9	1.0273-0.1503i	-0.8475-0.6056i	11.8056+5.5940i	0.5399-1.0277i	-0.0050+0.1219i	-1.5567+0.8550i	-0.7219-0.3971i	-0.2842-0.1455i
74.0	0.9996-0.2160i	-0.8345-0.5763i	11.3124+4.8855i	0.4651-1.1013i	-0.0982+0.0579i	-1.6131+0.8800i	-0.7644-0.3900i	-0.2945-0.1200i
74.1	0.9592-0.2061i	-0.8111-0.5901i	10.9508+4.3414i	0.4052-1.0902i	-0.0873+0.0745i	-1.4968+0.9484i	-0.7453-0.4069i	-0.3119-0.1399i
74.2	0.9513-0.1542i	-0.7720-0.5988i	10.8870+3.5042i	0.3771-1.0571i	-0.0410+0.1411i	-1.2989+0.7774i	-0.7297-0.4544i	-0.3301-0.1519i
74.3	0.9604-0.1783i	-0.7330-0.5935i	10.2325+3.5113i	0.2861-1.0311i	-0.0777+0.1644i	-1.2261+0.8240i	-0.7256-0.4695i	-0.3058-0.1505i
74.4	0.9450-0.2010i	-0.7275-0.5929i	10.0998+2.8207i	0.2666-1.0858i	-0.0400+0.1175i	-1.2088+0.8669i	-0.7209-0.4641i	-0.3064-0.1534i
74.5	0.8488-0.1960i	-0.7244-0.5624i	9.7709+2.0148i	0.2206-1.1358i	0.0395+0.0417i	-1.2912+0.8815i	-0.7368-0.4399i	-0.3098-0.1384i
74.6	0.7958-0.1987i	-0.7190-0.5363i	9.6694+1.4333i	0.1534-1.1342i	0.0733+0.0272i	-1.2442+0.8852i	-0.7414-0.4363i	-0.3250-0.1269i
74.7	0.7737-0.1661i	-0.6831-0.5164i	9.3345+1.4539i	0.1044-1.0836i	0.0489-0.0253i	-1.1069+0.9442i	-0.7184-0.4141i	-0.3079-0.1236i
74.8	0.7345-0.1379i	-0.6783-0.4802i	9.2921+1.3745i	0.0406-1.0613i	0.0214-0.0418i	-0.9806+0.9106i	-0.7079-0.3903i	-0.3165-0.0993i
74.9	0.7501-0.1346i	-0.6614-0.4853i	8.9098+1.4016i	0.0116-1.0105i	-0.0043-0.0233i	-0.9442+0.8569i	-0.7016-0.4174i	-0.3175-0.1001i

75.0	0.6584-0.1297i	-0.6220-0.4714i	8.8465+0.9915i	0.0058-1.0095i	0.0098+0.0191i	-0.9327+0.8956i	-0.6780-0.4055i	-0.3094-0.1039i
75.1	0.6498-0.1281i	-0.5729-0.4238i	9.4042+0.9118i	0.0124-0.9473i	-0.0480-0.0021i	-0.9214+0.6946i	-0.6569-0.4002i	-0.2870-0.0884i
75.2	0.6996-0.1250i	-0.5540-0.4316i	8.5663+0.4473i	-0.0494-0.9442i	-0.0670-0.0180i	-0.9384+0.6513i	-0.6684-0.4287i	-0.2851-0.0854i
75.3	0.7082-0.0649i	-0.5359-0.4603i	7.4369-0.3169i	-0.0789-0.9495i	-0.1227+0.0154i	-0.8685+0.8644i	-0.6692-0.4404i	-0.2777-0.1065i
75.4	0.6606-0.0562i	-0.5289-0.4452i	7.6907+0.0199i	-0.1090-0.9312i	-0.1096-0.0648i	-0.9390+0.8991i	-0.6640-0.4203i	-0.2727-0.0895i
75.5	0.6344-0.0518i	-0.4615-0.4337i	7.1285+0.3615i	-0.1552-0.8734i	-0.1212+0.0626i	-0.8672+0.7809i	-0.5980-0.4691i	-0.2411-0.0953i
75.6	0.6664-0.0653i	-0.4754-0.4403i	6.3274-0.2834i	-0.2427-0.8239i	-0.2225+0.0751i	-0.6965+0.6744i	-0.6144-0.5017i	-0.2258-0.1201i
75.7	0.6634-0.1035i	-0.4930-0.4333i	6.0613-0.1977i	-0.2528-0.7990i	-0.2587+0.0152i	-0.6688+0.7437i	-0.6364-0.4829i	-0.2254-0.1301i
75.8	0.6597-0.0347i	-0.4619-0.4700i	6.2987-0.7451i	-0.2646-0.8314i	-0.1885+0.0425i	-0.5579+0.8334i	-0.6263-0.5732i	-0.2246-0.1367i
75.9	0.6626-0.0160i	-0.4271-0.4822i	5.9636-1.0800i	-0.2931-0.8386i	-0.1712+0.0607i	-0.4860+0.8196i	-0.6367-0.6044i	-0.2082-0.1339i
76.0	0.6980-0.0074i	-0.4264-0.5057i	5.4773-1.1090i	-0.3200-0.8186i	-0.1419+0.1651i	-0.2768+0.7965i	-0.6408-0.6275i	-0.2006-0.1721i
76.1	0.6792+0.0061i	-0.4247-0.5059i	5.5631-1.6760i	-0.3412-0.7979i	-0.1281+0.1370i	-0.2692+0.7676i	-0.6761-0.6542i	-0.2007-0.1796i
76.2	0.6735-0.0101i	-0.4334-0.5090i	4.9847-1.4942i	-0.4021-0.7528i	-0.1753+0.2283i	-0.1567+0.7456i	-0.7024-0.6814i	-0.2045-0.1952i
76.3	0.7107+0.0185i	-0.4189-0.5905i	4.4805-1.7699i	-0.4539-0.8103i	-0.2709+0.2533i	-0.0730+0.9321i	-0.7262-0.7403i	-0.1682-0.2292i
76.4	0.7649-0.0183i	-0.4464-0.5975i	4.3342-1.4627i	-0.4715-0.7924i	-0.2073+0.1914i	0.0757+0.7854i	-0.7851-0.7776i	-0.1924-0.2632i
76.5	0.7713-0.0224i	-0.4020-0.5639i	3.8618-1.7665i	-0.4925-0.7417i	-0.1565+0.3184i	0.2154+0.5582i	-0.7969-0.8196i	-0.1959-0.2790i
76.6	0.7859-0.0233i	-0.4091-0.5658i	3.9063-1.4512i	-0.5147-0.6745i	-0.2191+0.3436i	0.4656+0.4844i	-0.8113-0.8139i	-0.1967-0.3001i
76.7	0.8495-0.0443i	-0.4608-0.6126i	3.1710-1.3203i	-0.5326-0.6236i	-0.1751+0.3911i	0.5283+0.4541i	-0.9258-0.8591i	-0.2282-0.3493i
76.8	0.7781-0.0428i	-0.4376-0.6413i	2.7445-1.4523i	-0.6001-0.6130i	-0.1881+0.3816i	0.4073+0.3104i	-0.9623-0.9337i	-0.2418-0.3784i
76.9	0.8050-0.0809i	-0.4401-0.6477i	2.7370-2.1918i	-0.6521-0.6339i	-0.0597+0.4152i	0.6904+0.1739i	-1.0262-0.9776i	-0.2610-0.4040i
77.0	0.8920-0.0805i	-0.4812-0.6843i	2.2773-1.6692i	-0.7055-0.4885i	0.0190+0.5008i	0.9632-0.0111i	-1.1398-0.9972i	-0.2800-0.4685i
77.1	0.9294-0.0630i	-0.4798-0.7003i	2.3161-1.7528i	-0.7061-0.4012i	-0.0364+0.5644i	0.8931-0.2466i	-1.1873-1.0634i	-0.2842-0.5211i
77.2	0.9087-0.0924i	-0.4774-0.7065i	2.3304-1.2415i	-0.6898-0.3222i	-0.0057+0.5762i	0.8165-0.5636i	-1.2171-1.0767i	-0.3264-0.5658i
77.3	0.8821-0.1080i	-0.4926-0.6818i	1.6758-1.0924i	-0.7005-0.2670i	0.0646+0.5108i	0.8454-0.8488i	-1.3037-1.0505i	-0.3754-0.5595i
77.4	0.8578-0.0833i	-0.4919-0.6937i	1.3406-1.2676i	-0.7611-0.1904i	0.1261+0.5304i	0.8168-1.0389i	-1.4413-1.0205i	-0.4276-0.5713i
77.5	0.8764-0.0631i	-0.5246-0.6983i	1.3026-0.7564i	-0.7396-0.0908i	0.1406+0.5369i	0.6903-1.0854i	-1.5539-0.9517i	-0.4896-0.5657i
77.6	0.9727-0.0965i	-0.5607-0.7423i	1.2260-1.0908i	-0.7082-0.0459i	0.1978+0.5051i	0.6029-1.4132i	-1.7084-1.0073i	-0.5709-0.6205i
77.7	0.9626-0.1247i	-0.5611-0.7415i	1.2213-0.9125i	-0.7124-0.0090i	0.2218+0.4444i	0.6085-1.5251i	-1.7610-0.9368i	-0.6002-0.5908i
77.8	0.9546-0.1208i	-0.5536-0.7254i	1.3872-0.4510i	-0.6793+0.0282i	0.2336+0.3914i	0.5329-1.3331i	-1.7796-0.8278i	-0.6034-0.5259i
77.9	0.9925-0.1227i	-0.5796-0.7196i	1.0215-0.3206i	-0.6231+0.0972i	0.2567+0.3994i	0.2508-1.4891i	-1.8666-0.7842i	-0.6567-0.5188i
78.0	1.0664-0.1992i	-0.6276-0.7160i	0.9890-0.2251i	-0.5874+0.1580i	0.2800+0.4631i	0.2526-1.7698i	-1.9753-0.7126i	-0.7091-0.5166i
78.1	1.0868-0.3096i	-0.7003-0.6940i	0.5805+0.2935i	-0.5577+0.2280i	0.3704+0.3532i	0.0676-1.8307i	-2.1361-0.4994i	-0.8112-0.4429i
78.2	1.1359-0.3208i	-0.7040-0.7369i	0.5518+0.0180i	-0.5151+0.2764i	0.3760+0.3817i	-0.1619-1.8647i	-2.2303-0.4742i	-0.8455-0.4413i
78.3	1.1412-0.4269i	-0.7266-0.6910i	0.5344+0.0134i	-0.4610+0.3046i	0.4806+0.2840i	-0.1875-1.9816i	-2.2524-0.3033i	-0.8609-0.3868i
78.4	1.1696-0.4714i	-0.7749-0.6780i	0.2866-0.0848i	-0.4354+0.3764i	0.5335+0.2939i	-0.2411-2.1926i	-2.3410-0.2041i	-0.9206-0.3724i
78.5	1.1494-0.5853i	-0.8123-0.6240i	0.1602-0.2902i	-0.3684+0.4568i	0.5120+0.2892i	-0.3891-2.4037i	-2.3376-0.0122i	-0.9496-0.3304i
78.6	1.1053-0.6944i	-0.8124-0.5475i	-0.0798+0.4277i	-0.2227+0.4635i	0.5122+0.1969i	-0.7991-2.4016i	-2.2618+0.1815i	-0.9533-0.2337i
78.7	1.0592-0.7575i	-0.8130-0.5369i	0.0056+0.9263i	-0.1439+0.4534i	0.4743+0.1625i	-1.0460-2.3662i	-2.2737+0.2849i	-0.9891-0.1823i
78.8	1.0347-0.8484i	-0.7988-0.5331i	-0.5109+0.9789i	-0.0831+0.4618i	0.5117+0.1219i	-1.1274-2.5564i	-2.2633+0.3587i	-1.0243-0.1660i
78.9	0.9819-0.9409i	-0.7833-0.5201i	-0.1786+1.2342i	-0.0489+0.4422i	0.5517+0.1197i	-1.1981-2.7199i	-2.2472+0.4267i	-1.0295-0.1460i
79.0	0.8857-0.9932i	-0.8205-0.5064i	0.0399+0.6477i	-0.0476+0.5202i	0.5804+0.0038i	-1.3570-3.0409i	-2.2431+0.6017i	-1.0384-0.1140i
79.1	0.7957-0.9571i	-0.8211-0.4274i	-0.0023+1.0077i	0.1290+0.4845i	0.6138-0.0635i	-1.8184-2.4879i	-2.0696+0.7548i	-1.0148-0.0183i
79.2	0.8133-0.9996i	-0.8381-0.4306i	-0.3391+0.9693i	0.2478+0.4694i	0.5672-0.0612i	-2.2007-2.5047i	-2.0579+0.8312i	-1.0584+0.0116i
79.3	0.7049-1.0453i	-0.8186-0.3862i	-0.0738+1.3162i	0.3125+0.4250i	0.5298-0.0331i	-2.3979-2.4944i	-1.8973+0.8790i	-1.0452+0.0547i
79.4	0.6620-1.0598i	-0.7726-0.3484i	0.2267+1.8010i	0.3955+0.3034i	0.5526-0.0314i	-2.4957-1.9663i	-1.8412+0.9462i	-1.0204+0.1271i
79.5	0.6302-1.0771i	-0.7328-0.3873i	-0.1118+1.5757i	0.3879+0.2575i	0.4750-0.0109i	-2.4801-1.9686i	-1.7818+0.9697i	-0.9925+0.1219i
79.6	0.5673-1.0921i	-0.7536-0.4104i	-0.5055+1.7832i	0.4070+0.2039i	0.4467-0.0780i	-2.6330-1.9230i	-1.7053+0.9865i	-0.9790+0.1606i
79.7	0.4949-1.0778i	-0.7444-0.4209i	-0.4513+1.7245i	0.3954+0.1497i	0.4249-0.0784i	-2.5471-1.7524i	-1.6172+1.0276i	-0.9355+0.1900i
79.8	0.4227-1.0829i	-0.7406-0.4233i	-0.1420+1.7514i	0.3965+0.0903i	0.4731-0.0613i	-2.6396-1.6396i	-1.5338+0.9991i	-0.9109+0.2120i
79.9	0.3371-1.0678i	-0.7482-0.3956i	-0.1683+2.0690i	0.4315+0.0409i	0.4727-0.1290i	-2.9824-1.4904i	-1.4897+0.9681i	-0.9215+0.2446i
80.0	0.2891-1.0801i	-0.7306-0.3995i	-0.1080+2.2627i	0.3955-0.0237i	0.3758-0.1363i	-2.9385-1.3291i	-1.4757+0.9502i	-0.8922+0.2415i

2.1.40 Run 4 – IP050 – Accels 25–32

In-plane shaking at 50°. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	20.5847+0.0000i	18.8835+0.0000i	19.1208+0.0000i	15.4981+0.0000i	-23.3510+0.0000i	44.1739+0.0000i	14.8906+0.0000i	-17.0448+0.0000i
0.1	17.2160+1.2449i	15.2587+0.2260i	15.3909+0.1093i	12.4084+0.0008i	-18.9560-0.4459i	35.0745+0.4837i	11.6711+0.4420i	-14.0081-0.0772i
0.2	0.8043+0.6476i	0.0631-0.0223i	-0.0047-0.0434i	-0.0953-0.2727i	-0.0624+0.1574i	0.7313-0.0442i	0.9908-0.5061i	-0.3531-0.0402i
0.3	1.1134+0.3172i	-0.0182+0.0382i	-0.0631+0.0459i	-0.0858-0.0788i	0.3150+0.5124i	0.4225+1.1038i	0.2882-0.9920i	0.1765-0.4788i
0.4	0.2571-0.0925i	-0.1885-0.1339i	-0.0823-0.1639i	0.2865+0.2176i	-0.2437+0.7986i	-0.0571+0.8954i	-0.0779+0.3208i	0.5581-0.7853i
0.5	0.1644+0.3016i	-0.0874-0.0387i	-0.0472-0.0507i	0.1343-0.0409i	-0.2059-0.1464i	0.0708+0.0045i	0.1820+0.1100i	0.0900-0.0472i
0.6	0.0460+0.0358i	-0.0237+0.0076i	-0.0406-0.0142i	-0.0329-0.0789i	0.1130+0.0856i	-0.0169+0.0094i	0.0898+0.0698i	0.0424+0.0216i
0.7	0.0188+0.0017i	-0.0230+0.0109i	-0.0643-0.0088i	-0.0164-0.0486i	0.0528+0.0305i	-0.0210-0.0039i	-0.0145+0.0331i	0.0252+0.0107i
0.8	0.0079+0.0059i	-0.0348-0.0041i	-0.1061-0.0107i	-0.0198-0.0058i	0.0143-0.0166i	-0.0348-0.0036i	0.0039-0.0081i	0.0336-0.0040i
0.9	0.0073+0.0087i	-0.0502-0.0187i	-0.1064+0.0176i	-0.0043+0.0029i	-0.0195-0.0235i	-0.0351+0.0083i	0.0045+0.0016i	0.0410-0.0048i
1.0	0.0090+0.0093i	-0.0724-0.0126i	-0.0765+0.0250i	0.0095-0.0182i	-0.0352+0.0120i	-0.0392+0.0120i	0.0030+0.0055i	0.0456-0.0100i
1.1	0.0126+0.0051i	-0.0950+0.0043i	-0.0881-0.0033i	0.0124-0.0400i	-0.0385+0.0058i	-0.0506+0.0255i	0.0073+0.0103i	0.0584-0.0154i
1.2	0.0108-0.0027i	-0.1194-0.0134i	-0.2068-0.0519i	0.0020+0.0207i	-0.0330+0.0180i	-0.0634+0.0300i	0.0056+0.0112i	0.0792-0.0096i
1.3	0.0177-0.0019i	-0.1470-0.0129i	-0.3978-0.1535i	-0.0176-0.0114i	-0.0617+0.0197i	-0.0778+0.0316i	0.0107+0.0127i	0.0934-0.0270i
1.4	0.0241+0.0001i	-0.1893-0.0135i	-0.9725-0.0446i	-0.0263-0.0102i	-0.0412+0.0078i	-0.0818+0.0384i	0.0301+0.0179i	0.1154-0.0352i
1.5	0.0319-0.0020i	-0.2510+0.0026i	-1.0109+0.9376i	0.0147+0.0377i	-0.0613+0.0123i	-0.1371+0.0587i	0.0254+0.0112i	0.1787-0.0685i
1.6	0.0370-0.0021i	-0.2876+0.0127i	-0.0431+1.2701i	0.0456+0.0254i	-0.0985+0.0428i	-0.1858+0.1128i	0.0094+0.0174i	0.2205-0.1293i
1.7	0.0459-0.0085i	-0.3695+0.0090i	0.3200+1.0180i	0.0600+0.0190i	-0.1129+0.0926i	-0.2019+0.2403i	0.0188+0.0523i	0.2394-0.2675i
1.8	0.0541-0.0162i	-0.4566+0.0121i	0.4260+0.8644i	0.0620+0.0116i	-0.1133+0.1227i	-0.1808+0.3525i	0.0456+0.0774i	0.2176-0.3934i
1.9	0.0575-0.0278i	-0.6343+0.0191i	0.6654+0.7056i	0.0930+0.0002i	-0.0615+0.1602i	0.0117+0.4932i	0.1191+0.0994i	0.0034-0.5556i
2.0	0.0586-0.0328i	-0.9386+0.0252i	0.8129+0.4081i	0.1114-0.0045i	-0.0245+0.1453i	0.2516+0.4887i	0.2194+0.0929i	-0.2710-0.5579i
2.1	0.0777-0.0299i	-1.6570+0.1448i	0.6713+0.0955i	0.1481-0.0213i	-0.1023+0.0841i	0.4078+0.2915i	0.3698+0.0277i	-0.4608-0.3423i
2.2	0.1259-0.0344i	-2.7988+0.4282i	0.4873-0.0013i	0.2398-0.0459i	-0.2841+0.0977i	0.4246+0.1779i	0.5536-0.0483i	-0.4977-0.2092i
2.3	0.1427-0.0763i	-3.2013+1.5394i	0.3412+0.0287i	0.2412-0.1347i	-0.3629+0.2646i	0.4063+0.0948i	0.6023-0.2415i	-0.4877-0.1008i
2.4	-0.1105-0.0622i	2.7985+1.1268i	0.5453+0.0095i	-0.1945-0.0805i	0.5538+0.1300i	0.2815+0.0025i	-0.3852-0.2048i	-0.2741-0.0137i
2.5	-0.0729-0.0258i	1.9742+0.3801i	0.4577-0.0279i	-0.1229-0.0357i	0.4011+0.0125i	0.2555-0.0149i	-0.2646-0.0894i	-0.2573+0.0021i
2.6	-0.0450-0.0159i	1.4061+0.2121i	0.4046-0.0353i	-0.0752-0.0192i	0.3102-0.0085i	0.2402-0.0239i	-0.1782-0.0625i	-0.2449+0.0144i
2.7	-0.0314-0.0135i	1.1549+0.1539i	0.3656-0.0404i	-0.0547-0.0101i	0.2640-0.0197i	0.2248-0.0335i	-0.1449-0.0538i	-0.2300+0.0248i
2.8	-0.0195-0.0088i	0.9703+0.1022i	0.3283-0.0437i	-0.0457-0.0044i	0.2199-0.0350i	0.2049-0.0412i	-0.1237-0.0479i	-0.2114+0.0348i
2.9	-0.0098-0.0078i	0.8460+0.0885i	0.3002-0.0396i	-0.0395-0.0085i	0.2004-0.0388i	0.1889-0.0494i	-0.1075-0.0479i	-0.1976+0.0448i
3.0	-0.0031-0.0068i	0.7606+0.0641i	0.2832-0.0321i	-0.0302-0.0038i	0.1854-0.0386i	0.1825-0.0520i	-0.0965-0.0415i	-0.1911+0.0471i
3.1	0.0017-0.0057i	0.7077+0.0590i	0.2694-0.0286i	-0.0184+0.0051i	0.1692-0.0390i	0.1716-0.0540i	-0.0942-0.0399i	-0.1795+0.0488i
3.2	0.0087-0.0053i	0.6544+0.0578i	0.2551-0.0283i	-0.0137-0.0011i	0.1512-0.0444i	0.1588-0.0610i	-0.0908-0.0412i	-0.1659+0.0560i
3.3	0.0132-0.0047i	0.6251+0.0478i	0.2448-0.0276i	-0.0113-0.0045i	0.1397-0.0490i	0.1490-0.0658i	-0.0903-0.0428i	-0.1559+0.0619i
3.4	0.0194-0.0026i	0.5922+0.0340i	0.2376-0.0214i	-0.0076-0.0008i	0.1350-0.0430i	0.1440-0.0581i	-0.0887-0.0371i	-0.1503+0.0556i
3.5	0.0248-0.0035i	0.5649+0.0340i	0.2303-0.0263i	-0.0015-0.0005i	0.1322-0.0534i	0.1397-0.0734i	-0.0883-0.0457i	-0.1464+0.0702i
3.6	0.0293-0.0031i	0.5458+0.0334i	0.2261-0.0230i	0.0028+0.0054i	0.1264-0.0520i	0.1347-0.0706i	-0.0895-0.0422i	-0.1409+0.0679i
3.7	0.0347-0.0030i	0.5302+0.0327i	0.2238-0.0213i	0.0051+0.0013i	0.1252-0.0520i	0.1357-0.0732i	-0.0889-0.0429i	-0.1415+0.0708i
3.8	0.0401-0.0034i	0.5161+0.0314i	0.2212-0.0197i	0.0087+0.0009i	0.1259-0.0518i	0.1364-0.0759i	-0.0903-0.0419i	-0.1409+0.0733i
3.9	0.0454-0.0038i	0.5009+0.0310i	0.2118-0.0124i	0.0198+0.0051i	0.1181-0.0450i	0.1247-0.0762i	-0.0979-0.0348i	-0.1288+0.0731i
4.0	0.0494-0.0038i	0.4924+0.0299i	0.2106-0.0132i	0.0214+0.0047i	0.1121-0.0479i	0.1090-0.0805i	-0.0996-0.0377i	-0.1140+0.0777i
4.1	0.0546-0.0028i	0.4829+0.0297i	0.2104-0.0144i	0.0234+0.0003i	0.1147-0.0504i	0.1086-0.0754i	-0.0987-0.0395i	-0.1144+0.0736i
4.2	0.0596-0.0030i	0.4748+0.0305i	0.2035-0.0149i	0.0275+0.0032i	0.1091-0.0517i	0.1040-0.0765i	-0.1049-0.0409i	-0.1087+0.0765i
4.3	0.0670-0.0037i	0.4655+0.0309i	0.1997-0.0128i	0.0344+0.0090i	0.1063-0.0535i	0.0998-0.0774i	-0.1142-0.0402i	-0.1025+0.0776i
4.4	0.0731-0.0044i	0.4596+0.0320i	0.1992-0.0091i	0.0409+0.0032i	0.1088-0.0506i	0.0997-0.0754i	-0.1191-0.0342i	-0.1017+0.0746i
4.5	0.0790-0.0033i	0.4562+0.0313i	0.1940-0.0081i	0.0490+0.0068i	0.1062-0.0475i	0.0917-0.0731i	-0.1302-0.0330i	-0.0934+0.0718i
4.6	0.0837-0.0029i	0.4538+0.0317i	0.1910-0.0055i	0.0539+0.0074i	0.1090-0.0454i	0.0929-0.0730i	-0.1380-0.0314i	-0.0941+0.0717i
4.7	0.0912-0.0031i	0.4497+0.0339i	0.1900-0.0062i	0.0616+0.0097i	0.1071-0.0493i	0.0924-0.0782i	-0.1411-0.0290i	-0.0936+0.0770i
4.8	0.0990-0.0039i	0.4460+0.0339i	0.1921-0.0055i	0.0660+0.0134i	0.1149-0.0498i	0.0982-0.0733i	-0.1442-0.0236i	-0.0988+0.0716i
4.9	0.1061-0.0052i	0.4386+0.0355i	0.1900-0.0016i	0.0735+0.0102i	0.1280-0.0491i	0.1096-0.0665i	-0.1585-0.0136i	-0.1081+0.0638i
5.0	0.1148-0.0049i	0.4410+0.0416i	0.1904+0.0036i	0.0845-0.0048i	0.1453-0.0609i	0.1275-0.0795i	-0.1720-0.0086i	-0.1228+0.0761i
5.1	0.1231-0.0051i	0.4392+0.0439i	0.1921+0.0069i	0.0944-0.0044i	0.1596-0.0606i	0.1381-0.0800i	-0.1784+0.0039i	-0.1326+0.0761i
5.2	0.1308-0.0062i	0.4381+0.0461i	0.1861+0.0080i	0.1132+0.0022i	0.1701-0.0626i	0.1408-0.0918i	-0.1960+0.0144i	-0.1344+0.0873i
5.3	0.1398-0.0078i	0.4403+0.0551i	0.1812+0.0088i	0.1267+0.0031i	0.1769-0.0770i	0.1436-0.1257i	-0.2156+0.0257i	-0.1348+0.1198i
5.4	0.1469-0.0083i	0.4460+0.0631i	0.1854+0.0134i	0.1253+0.0030i	0.1929-0.0853i	0.1361-0.1371i	-0.2298+0.0486i	-0.1260+0.1294i
5.5	0.1556-0.0110i	0.4484+0.0663i	0.1913+0.0139i	0.1295+0.0005i	0.2088-0.1157i	0.1502-0.1445i	-0.2214+0.0745i	-0.1410+0.1329i
5.6	0.1655-0.0130i	0.4489+0.0721i	0.1924+0.0161i	0.1448-0.0064i	0.2186-0.1505i	0.1547-0.1711i	-0.2217+0.0990i	-0.1445+0.1551i

5.7	0.1749−0.0148i	0.4559+0.0784i	0.1981+0.0252i	0.1434−0.0082i	0.2169−0.1763i	0.0919−0.1970i	−0.2403+0.1528i	−0.0799+0.1759i
5.8	0.1834−0.0195i	0.4597+0.0904i	0.2014+0.0282i	0.1588−0.0222i	0.2320−0.2403i	0.0660−0.2121i	−0.2499+0.2150i	−0.0532+0.1819i
5.9	0.1898−0.0256i	0.4724+0.1055i	0.1989+0.0261i	0.1805−0.0335i	0.2030−0.3349i	0.0506−0.2314i	−0.2220+0.2888i	−0.0425+0.1884i
6.0	0.1901−0.0304i	0.4999+0.1196i	0.2034+0.0207i	0.1839−0.0364i	0.1257−0.3557i	0.0472−0.1992i	−0.1254+0.3066i	−0.0513+0.1528i
6.1	0.1898−0.0303i	0.5372+0.1136i	0.2081+0.0151i	0.1754−0.0224i	0.0426−0.3623i	0.0471−0.2063i	−0.0433+0.3011i	−0.0649+0.1632i
6.2	0.1922−0.0284i	0.5574+0.1115i	0.2100+0.0163i	0.1846−0.0253i	−0.0074−0.3441i	0.0405−0.2100i	0.0072+0.2861i	−0.0662+0.1681i
6.3	0.1941−0.0250i	0.5732+0.1093i	0.2122+0.0196i	0.2073−0.0428i	−0.0530−0.3142i	0.0287−0.2187i	0.0578+0.2493i	−0.0636+0.1791i
6.4	0.1871−0.0144i	0.6039+0.1050i	0.2109+0.0245i	0.2400−0.0446i	−0.1013−0.2693i	−0.0476−0.2145i	0.0791+0.2184i	0.0066+0.1853i
6.5	0.1844−0.0050i	0.6265+0.1039i	0.2108+0.0199i	0.2515−0.0294i	−0.1040−0.2543i	−0.0614−0.2066i	0.0820+0.1933i	0.0201+0.1828i
6.6	0.1800+0.0132i	0.6682+0.0962i	0.2088+0.0207i	0.2805−0.0420i	−0.1174−0.2311i	−0.0878−0.1649i	0.0861+0.1749i	0.0425+0.1431i
6.7	0.1722+0.0346i	0.7169+0.0766i	0.2038+0.0197i	0.3230−0.0471i	−0.1332−0.2217i	−0.0886−0.1553i	0.0927+0.1672i	0.0376+0.1378i
6.8	0.1460+0.0621i	0.7695+0.0538i	0.2058+0.0232i	0.3325−0.0560i	−0.1554−0.2166i	−0.0804−0.1368i	0.1202+0.1712i	0.0184+0.1245i
6.9	0.1098+0.1553i	0.8441−0.0073i	0.2039+0.0290i	0.3668−0.0777i	−0.2018−0.1868i	−0.0761−0.1167i	0.1666+0.1501i	0.0035+0.1150i
7.0	0.0401+0.3242i	0.9437−0.1070i	0.2055+0.0352i	0.3848−0.0966i	−0.2699−0.1519i	−0.0474−0.1164i	0.2439+0.1098i	−0.0448+0.1361i
7.1	0.1750+0.6432i	0.9302−0.3414i	0.2091+0.0465i	0.4021−0.1163i	−0.3255−0.0199i	−0.0084−0.1624i	0.3072−0.0377i	−0.0836+0.2364i
7.2	0.7084+0.7254i	0.6542−0.4708i	0.2293+0.0555i	0.4300−0.1276i	−0.1710+0.1988i	−0.1199−0.1711i	0.1255−0.2480i	0.1037+0.2828i
7.3	1.0240+0.5813i	0.4809−0.4301i	0.2384+0.0493i	0.4847−0.1234i	0.0255+0.2322i	−0.2218−0.0987i	−0.1039−0.2615i	0.2643+0.1978i
7.4	1.1884+0.3276i	0.3708−0.3090i	0.2445+0.0383i	0.5020−0.1715i	0.1466+0.0478i	−0.1008−0.0229i	−0.1846−0.0578i	0.1631+0.0707i
7.5	1.1972+0.0881i	0.3775−0.1512i	0.2388+0.0344i	0.5479−0.1784i	0.1058−0.0702i	−0.0431−0.0600i	−0.1272+0.0475i	0.0915+0.0743i
7.6	1.1526−0.0449i	0.4646−0.0803i	0.2379+0.0283i	0.5837−0.1831i	0.0573−0.1041i	−0.0799−0.0969i	−0.0921+0.0698i	0.1134+0.0993i
7.7	1.1695−0.1017i	0.5277−0.0838i	0.2387+0.0223i	0.6470−0.2128i	0.0761−0.1124i	−0.0665−0.0686i	−0.1003+0.0831i	0.0989+0.0669i
7.8	1.2016−0.1743i	0.5876−0.0902i	0.2427+0.0244i	0.7258−0.2762i	0.0854−0.1456i	−0.0440−0.0632i	−0.1027+0.1134i	0.0758+0.0592i
7.9	1.2339−0.2291i	0.5882−0.1049i	0.2386+0.0244i	0.7486−0.3256i	0.0726−0.2009i	−0.0680−0.0983i	−0.1034+0.1538i	0.1000+0.0880i
8.0	1.2878−0.2941i	0.5951−0.1016i	0.2380+0.0249i	0.7962−0.3764i	0.0382−0.2546i	−0.0683−0.0854i	−0.0713+0.2191i	0.0999+0.0633i
8.1	1.3308−0.3578i	0.6317−0.0954i	0.2422+0.0224i	0.8300−0.4294i	−0.0287−0.2890i	−0.0657−0.0762i	−0.0027+0.2617i	0.0887+0.0429i
8.2	1.3960−0.4128i	0.6612−0.0912i	0.2406+0.0249i	0.8844−0.4773i	−0.1040−0.3128i	−0.1084−0.0911i	0.0599+0.2802i	0.1215+0.0517i
8.3	1.5170−0.4687i	0.7165−0.0971i	0.2416+0.0261i	1.0057−0.5042i	−0.1882−0.3352i	−0.1198−0.0929i	0.1370+0.2976i	0.1208+0.0466i
8.4	1.6133−0.5711i	0.7700−0.1237i	0.2433+0.0289i	1.0993−0.5921i	−0.2599−0.2984i	−0.1173−0.0631i	0.2048+0.2725i	0.1092+0.0179i
8.5	1.7804−0.7177i	0.8326−0.1633i	0.2379+0.0294i	1.2513−0.7244i	−0.3554−0.2565i	−0.0987−0.0351i	0.2994+0.2483i	0.0790−0.0088i
8.6	1.8973−0.9457i	0.8735−0.2434i	0.2279+0.0276i	1.3709−0.9356i	−0.3931−0.1621i	−0.1006−0.0256i	0.3441+0.1632i	0.0741−0.0078i
8.7	2.0846−1.1054i	0.9294−0.2960i	0.2239+0.0286i	1.5230−1.1033i	−0.4398−0.0912i	−0.0771−0.0376i	0.3896+0.1054i	0.0503+0.0088i
8.8	2.2920−1.3295i	0.9969−0.3500i	0.2265+0.0392i	1.7077−1.3364i	−0.4788−0.0167i	−0.0573−0.0529i	0.4391+0.0564i	0.0279+0.0310i
8.9	2.5447−1.8052i	1.0809−0.4901i	0.2369+0.0513i	1.9201−1.8148i	−0.4861+0.0886i	−0.0997−0.0611i	0.4895−0.0415i	0.0754+0.0412i
9.0	2.4659−2.5305i	1.0741−0.7035i	0.2398+0.0403i	1.7866−2.5031i	−0.4723+0.1948i	−0.1202−0.0021i	0.4945−0.1955i	0.0918−0.0195i
9.1	2.3572−2.9483i	1.0281−0.8170i	0.2168+0.0365i	1.5995−2.8495i	−0.4672+0.2514i	−0.0661+0.0301i	0.4488−0.2874i	0.0331−0.0502i
9.2	3.0813−4.1501i	1.2374−1.1357i	0.1927+0.0621i	2.2461−3.8969i	−0.5821+0.4155i	−0.0384−0.0305i	0.5173−0.4021i	0.0086+0.0045i
9.3	1.3734−6.0105i	0.7755−1.6908i	0.1978+0.0897i	0.6557−5.5508i	−0.3555+0.7110i	−0.0647−0.0541i	0.3417−0.6685i	0.0272+0.0284i
9.4	−1.5127−6.1128i	−0.0372−1.7365i	0.2220+0.1223i	−2.0233−5.5734i	0.0492+0.7786i	−0.1085−0.0626i	−0.0214−0.7407i	0.0639+0.0436i
9.5	−2.8627−4.6588i	−0.4330−1.3351i	0.2415+0.1285i	−3.2290−4.1855i	0.2719+0.6170i	−0.1121−0.0237i	−0.2282−0.5886i	0.0660+0.0132i
9.6	−3.3198−3.0562i	−0.5843−0.8816i	0.2549+0.1311i	−3.5907−2.6739i	0.3907+0.4134i	−0.0844−0.0049i	−0.3293−0.4003i	0.0407+0.0018i
9.7	−2.9512−2.0906i	−0.4864−0.5879i	0.2663+0.1428i	−3.2218−1.8234i	0.3787+0.2668i	−0.0749−0.0149i	−0.3117−0.2791i	0.0352+0.0141i
9.8	−2.5143−1.5894i	−0.3515−0.4383i	0.2820+0.1452i	−2.8209−1.3863i	0.3380+0.1738i	−0.0711−0.0332i	−0.2698−0.1968i	0.0326+0.0290i
9.9	−2.2257−1.1932i	−0.2729−0.3096i	0.3009+0.1580i	−2.5380−1.0648i	0.3002+0.1076i	−0.0711−0.0247i	−0.2497−0.1389i	0.0316+0.0244i
10.0	−2.0224−0.9684i	−0.2092−0.2285i	0.3222+0.1697i	−2.3639−0.8924i	0.2779+0.0666i	−0.0794−0.0256i	−0.2258−0.1092i	0.0392+0.0303i
10.1	−1.7794−0.8156i	−0.1353−0.1873i	0.3432+0.1599i	−2.1756−0.7680i	0.2622+0.0457i	−0.0552−0.0269i	−0.2084−0.0818i	0.0212+0.0273i
10.2	−1.5965−0.7452i	−0.0824−0.1623i	0.3554+0.1540i	−2.0283−0.7021i	0.2430+0.0200i	−0.0593−0.0236i	−0.1904−0.0684i	0.0234+0.0219i
10.3	−1.4813−0.7247i	−0.0409−0.1415i	0.3694+0.1570i	−1.9450−0.6924i	0.2232−0.0082i	−0.0785−0.0342i	−0.1796−0.0618i	0.0423+0.0335i
10.4	−1.4118−0.6814i	−0.0006−0.1349i	0.3833+0.1402i	−1.9241−0.6283i	0.2062−0.0209i	−0.0886−0.0346i	−0.1655−0.0458i	0.0522+0.0323i
10.5	−1.3825−0.6058i	0.0143−0.1123i	0.3883+0.1367i	−1.8912−0.5649i	0.1831−0.0277i	−0.1025−0.0346i	−0.1514−0.0341i	0.0668+0.0282i
10.6	−1.3253−0.4990i	0.0518−0.0739i	0.4055+0.1394i	−1.8845−0.4900i	0.1737−0.0538i	−0.1168−0.0277i	−0.1307−0.0479i	0.0756+0.0261i
10.7	−1.2408−0.4258i	0.0881−0.0639i	0.4187+0.1324i	−1.8654−0.4028i	0.1596−0.0752i	−0.1247−0.0085i	−0.1385−0.0702i	0.0813+0.0133i
10.8	−1.1412−0.3793i	0.1097−0.0610i	0.4060+0.1277i	−1.8004−0.3591i	0.1787−0.0796i	−0.1190−0.0219i	−0.1125−0.0676i	0.0727+0.0253i
10.9	−1.0568−0.3458i	0.1382−0.0520i	0.4082+0.1261i	−1.7371−0.3315i	0.1631−0.0876i	−0.1217−0.0172i	−0.1263−0.0792i	0.0762+0.0226i
11.0	−0.9791−0.3324i	0.1637−0.0481i	0.4135+0.1159i	−1.6926−0.2942i	0.1264−0.0938i	−0.1165−0.0071i	−0.1534−0.0868i	0.0729+0.0118i
11.1	−0.9193−0.3221i	0.1938−0.0395i	0.4231+0.1314i	−1.6741−0.2836i	0.1099−0.1148i	−0.1253−0.0075i	−0.1747−0.0998i	0.0834+0.0184i
11.2	−0.8722−0.3187i	0.2052−0.0378i	0.4253+0.1308i	−1.6432−0.2554i	0.0853−0.1001i	−0.1399−0.0042i	−0.1813−0.0776i	0.1000+0.0114i
11.3	−0.8203−0.3183i	0.2265−0.0302i	0.4330+0.1399i	−1.6168−0.2421i	0.0644−0.1016i	−0.1436−0.0030i	−0.2026−0.0696i	0.1020+0.0098i
11.4	−0.7947−0.3073i	0.2384−0.0237i	0.4255+0.1435i	−1.6257−0.2435i	0.0669−0.0915i	−0.1433−0.0020i	−0.2135−0.0623i	0.0988+0.0107i
11.5	−0.7521−0.2813i	0.2572−0.0185i	0.4208+0.1530i	−1.6330−0.2199i	0.0633−0.0718i	−0.1462+0.0015i	−0.2195−0.0397i	0.1025+0.0045i
11.6	−0.7035−0.2757i	0.2811−0.0228i	0.4149+0.1435i	−1.6410−0.2014i	0.0494−0.0497i	−0.1599+0.0050i	−0.2343−0.0201i	0.1154−0.0016i
11.7	−0.6668−0.2687i	0.3101−0.0219i	0.4080+0.1680i	−1.6786−0.1819i	0.0685−0.0428i	−0.1523+0.0086i	−0.2295−0.0099i	0.1077−0.0004i
11.8	−0.6340−0.2466i	0.3261−0.0120i	0.4091+0.1990i	−1.6916−0.1770i	0.0657−0.0328i	−0.1667+0.0105i	−0.2372+0.0034i	0.1234−0.0011i
11.9	−0.5671−0.2289i	0.3439−0.0147i	0.4008+0.2223i	−1.6566−0.1493i	0.0729−0.0198i	−0.1647+0.0146i	−0.2310+0.0265i	0.1169−0.0116i

12.0	-0.5052-0.2346i	0.3617-0.0269i	0.4026+0.2485i	-1.6344-0.0963i	0.0904-0.0221i	-0.1563+0.0126i	-0.2155+0.0378i	0.1076-0.0087i
12.1	-0.4489-0.2343i	0.3823-0.0294i	0.3976+0.2924i	-1.6597-0.0672i	0.1031-0.0110i	-0.1534+0.0155i	-0.2122+0.0565i	0.1063-0.0079i
12.2	-0.3908-0.2434i	0.3920-0.0333i	0.3803+0.3406i	-1.6407-0.0453i	0.1149-0.0042i	-0.1643+0.0190i	-0.2158+0.0712i	0.1186-0.0112i
12.3	-0.3287-0.2627i	0.4089-0.0382i	0.3647+0.3931i	-1.6311-0.0490i	0.1081-0.0139i	-0.2022+0.0113i	-0.2335+0.0751i	0.1585+0.0031i
12.4	-0.2817-0.3181i	0.4302-0.0362i	0.3858+0.4990i	-1.6607-0.1009i	0.1235+0.0126i	-0.2223+0.0381i	-0.2257+0.1009i	0.1753-0.0309i
12.5	-0.2421-0.3658i	0.4525-0.0352i	0.4410+0.6396i	-1.6967-0.1230i	0.1659+0.0073i	-0.2038+0.0386i	-0.1999+0.1054i	0.1503-0.0314i
12.6	-0.1973-0.4006i	0.4700-0.0351i	0.4815+0.7966i	-1.7457-0.1046i	0.1646+0.0189i	-0.2250+0.0580i	-0.2023+0.1351i	0.1755-0.0545i
12.7	-0.1592-0.4403i	0.4880-0.0334i	0.5745+0.9352i	-1.7795-0.1269i	0.1865+0.0232i	-0.2245+0.0614i	-0.1890+0.1425i	0.1667-0.0588i
12.8	-0.1502-0.4934i	0.5131-0.0295i	0.7917+1.0668i	-1.8734-0.1407i	0.1953+0.0052i	-0.2686+0.0597i	-0.2126+0.1586i	0.2072-0.0565i
12.9	-0.1701-0.5285i	0.5575-0.0327i	1.0545+1.1403i	-2.0262-0.1254i	0.2308-0.0124i	-0.2893+0.0658i	-0.2140+0.1895i	0.2233-0.0666i
13.0	-0.1854-0.5274i	0.5898-0.0598i	1.4111+1.0515i	-2.1184+0.0674i	0.2509-0.0459i	-0.3101+0.0815i	-0.1528+0.2034i	0.2318-0.0809i
13.1	-0.1554-0.5160i	0.6119-0.0434i	1.5713+0.9985i	-2.1806+0.0765i	0.2830-0.0453i	-0.3154+0.0957i	-0.1298+0.2016i	0.2348-0.0923i
13.2	-0.1019-0.5199i	0.6430-0.0481i	1.7889+0.8999i	-2.2115+0.1677i	0.3240-0.0436i	-0.3352+0.1179i	-0.1018+0.2049i	0.2546-0.1158i
13.3	-0.0463-0.5284i	0.6657-0.0708i	1.8762+0.7923i	-2.2087+0.2875i	0.3427-0.0652i	-0.3913+0.1362i	-0.1213+0.2061i	0.3154-0.1378i
13.4	0.0375-0.5414i	0.7149-0.0857i	2.0542+0.6315i	-2.2153+0.3884i	0.3583-0.1200i	-0.4057+0.2548i	-0.0833+0.2613i	0.3014-0.2750i
13.5	0.1148-0.5616i	0.7347-0.0770i	2.1268+0.5218i	-2.1332+0.3621i	0.3492-0.1039i	-0.3620+0.3049i	-0.0217+0.2525i	0.2302-0.3048i
13.6	0.2047-0.6187i	0.7752-0.1022i	2.2257+0.3957i	-2.1374+0.3911i	0.3502-0.1065i	-0.3983+0.2935i	0.0251+0.1954i	0.2503-0.2655i
13.7	0.3218-0.7294i	0.8238-0.1476i	2.2966+0.2543i	-2.1541+0.4120i	0.4433-0.1494i	-0.3687+0.2801i	0.0586+0.1126i	0.2149-0.2282i
13.8	0.4543-0.7947i	0.8646-0.1584i	2.3785+0.1899i	-2.1547+0.3535i	0.4717-0.1379i	-0.4187+0.3078i	0.0549+0.0464i	0.2671-0.2280i
13.9	0.6071-0.9247i	0.9111-0.1874i	2.4738+0.1355i	-2.2286+0.3119i	0.5160-0.1947i	-0.5083+0.3458i	0.0188+0.0116i	0.3574-0.2520i
14.0	0.6878-1.1844i	0.9602-0.2821i	2.6041-0.0332i	-2.3763+0.4207i	0.5667-0.3178i	-0.5233+0.4369i	-0.0345+0.0222i	0.3783-0.3346i
14.1	0.7379-1.4467i	0.9880-0.3510i	2.7667-0.1421i	-2.4682+0.4307i	0.5971-0.3979i	-0.5265+0.5525i	-0.0653+0.0206i	0.4029-0.4458i
14.2	0.7551-1.6831i	1.0232-0.4045i	2.9107-0.2462i	-2.6082+0.4712i	0.6061-0.4684i	-0.5129+0.6535i	-0.0706+0.0053i	0.3879-0.5279i
14.3	0.7726-1.9469i	1.0418-0.4657i	3.0466-0.4092i	-2.7422+0.5174i	0.6041-0.5773i	-0.5030+0.7248i	-0.1090-0.0013i	0.3773-0.5754i
14.4	0.8258-2.2676i	1.0721-0.5743i	3.2380-0.6210i	-2.8807+0.6650i	0.6070-0.7268i	-0.5475+0.8011i	-0.1567-0.0106i	0.4313-0.6347i
14.5	0.9235-2.8361i	1.1439-0.7211i	3.4830-0.9314i	-3.1189+0.8885i	0.6969-0.8686i	-0.5097+0.9975i	-0.1544-0.0069i	0.3850-0.8039i
14.6	0.6784-3.5497i	1.0861-0.8576i	3.6038-1.2191i	-3.1574+0.9265i	0.6727-1.0005i	-0.3999+1.2411i	-0.1747-0.0170i	0.2944-1.0348i
14.7	-0.4518-4.0846i	0.8562-1.0072i	3.4981-1.6278i	-3.2505+1.1791i	0.4667-1.2070i	-0.0144+1.3821i	-0.2048-0.0027i	-0.0506-1.1819i
14.8	-1.4601-3.9881i	0.7152-0.9718i	3.4531-1.8242i	-3.5710+1.1998i	0.2840-1.2831i	0.2802+1.3330i	-0.2823+0.0209i	-0.3165-1.1392i
14.9	-2.2059-3.1891i	0.6445-0.8206i	3.4787-1.9336i	-3.9051+1.4316i	0.1222-1.2519i	0.5087+1.1028i	-0.3556+0.1396i	-0.5386-0.9679i
15.0	-2.2725-2.6832i	0.7187-0.7603i	3.7399-1.9572i	-4.2939+1.7266i	0.1564-1.2432i	0.4867+0.9264i	-0.4191+0.2007i	-0.5300-0.8210i
15.1	-2.1853-2.0803i	0.8732-0.7698i	4.4045-2.3076i	-4.8941+2.4687i	0.0617-1.3564i	0.2959+0.7723i	-0.4322+0.3662i	-0.3908-0.6870i
15.2	-1.7566-1.8371i	1.0167-0.8196i	5.1614-2.9760i	-5.2104+3.1799i	-0.0106-1.4562i	0.0558+0.8745i	-0.3093+0.4827i	-0.2077-0.7522i
15.3	-1.2793-1.9482i	1.0820-0.9452i	5.5348-3.9682i	-5.1335+4.0331i	0.0703-1.6879i	0.0262+1.1049i	-0.1976+0.6366i	-0.2046-0.9735i
15.4	-0.7178-2.4045i	1.0504-1.2022i	5.7561-6.0120i	-4.6978+5.5481i	-0.0044-2.1357i	0.0912+1.5015i	0.0912+0.7717i	-0.3446-1.2994i
15.5	-0.9154-3.2006i	0.9272-1.4939i	4.8632-8.5702i	-3.5594+7.1457i	-0.5888-2.4129i	0.5674+1.9705i	0.5306+0.6820i	-0.8395-1.6023i
15.6	-1.4866-4.2538i	0.6877-1.5842i	2.6012-10.6561i	-1.7344+7.5247i	-1.4896-2.3112i	1.2321+2.3675i	0.9633+0.1822i	-1.4440-1.8500i
15.7	-2.7873-4.3017i	0.3862-1.5739i	-0.7433-10.4855i	-0.1215+6.8773i	-2.0165-1.6916i	2.0767+2.0356i	0.8050-0.4106i	-2.1146-1.4789i
15.8	-4.6309-3.4017i	0.1112-1.4810i	-4.5836-8.2286i	1.4162+5.6018i	-2.6252-0.9315i	2.7258+0.9530i	0.1520-0.6826i	-2.5274-0.4872i
15.9	-5.4396-2.9273i	0.1943-1.2897i	-5.6052-6.5285i	1.0007+4.6028i	-2.6175-0.6170i	2.9545+0.2159i	-0.3962-0.7957i	-2.6452+0.2091i
16.0	-5.8267-2.0921i	0.2874-1.2447i	-5.7220-4.9553i	0.4639+4.2236i	-2.6248-0.1778i	2.8024-0.2683i	-0.7299-0.6207i	-2.4568+0.6145i
16.1	-5.9509-1.1029i	0.4550-1.3374i	-5.3312-3.5588i	-0.2752+4.5647i	-2.3747+0.0988i	2.6534-0.8610i	-1.0103-0.1881i	-2.3124+1.1070i
16.2	-5.8189-0.5600i	0.6322-1.4225i	-4.7344-2.8003i	-0.9153+4.8768i	-2.1675+0.2930i	2.4341-1.1598i	-1.1989+0.2234i	-2.1021+1.3488i
16.3	-5.5979-0.0012i	0.6295-1.6478i	-4.2339-2.3658i	-0.8501+5.6842i	-1.9147+0.4805i	2.1762-1.4418i	-1.1888+0.5914i	-1.8549+1.6031i
16.4	-5.2692+0.7601i	0.4447-1.9570i	-3.8692-1.8483i	-0.1056+6.8685i	-1.6347+0.5459i	1.7071-1.8732i	-1.1088+1.0673i	-1.4009+1.9688i
16.5	-4.9888+1.0839i	0.2005-2.1074i	-3.5758-1.7031i	1.0080+7.6122i	-1.6360+0.2684i	1.1283-2.2000i	-0.7832+1.5541i	-0.8338+2.2350i
16.6	-4.6464+1.9088i	-0.2792-2.0612i	-3.3338-1.3998i	3.4056+7.2643i	-2.2701+0.9032i	0.2646-1.9534i	0.3003+1.6266i	-0.0966+1.9612i
16.7	-3.8489+2.3381i	-0.4436-1.8997i	-3.0876-1.1971i	4.3598+6.0570i	-1.7740+1.7239i	0.0290-1.3589i	0.6971+1.0217i	0.0836+1.4231i
16.8	-2.9141+2.3781i	-0.5988-1.7929i	-2.8838-0.9115i	5.0344+4.8830i	-0.9162+1.7515i	0.1711-1.0476i	0.5004+0.4301i	-0.0349+1.1908i
16.9	-2.5141+2.1965i	-0.6885-1.8573i	-2.7131-0.7425i	5.3882+4.4101i	-0.4393+1.4684i	0.2364-1.2533i	0.1591+0.4813i	-0.0216+1.4141i
17.0	-2.4409+1.9450i	-0.8947-1.8415i	-2.5524-0.7944i	5.8443+3.8591i	-0.4916+1.0328i	-0.0345-1.5181i	0.3359+0.9113i	0.2498+1.6171i
17.1	-2.2718+1.7869i	-1.1456-1.5321i	-2.4310-0.7259i	5.9677+2.2128i	-0.7652+1.1788i	-0.7168-1.2651i	0.8651+0.8030i	0.9399+1.3604i
17.2	-2.2448+1.8767i	-1.1505-1.4537i	-2.3649-0.5863i	5.5872+1.6634i	-0.4794+1.5282i	-0.8529-0.4929i	0.8087+0.3352i	1.1523+0.5416i
17.3	-2.0927+1.8499i	-1.2654-1.3300i	-2.1695-0.5724i	5.4956+1.2375i	-0.1201+1.2191i	-0.4232-0.2294i	0.7439+0.3811i	0.6589+0.1787i
17.4	-1.9217+1.8148i	-1.3607-1.0956i	-2.0671-0.5668i	5.2833+0.4741i	-0.0803+0.9631i	-0.2422-0.2174i	0.8868+0.2688i	0.4141+0.1591i
17.5	-1.8247+1.9422i	-1.4247-0.9331i	-2.0148-0.5813i	5.0605-0.2457i	-0.1595+0.9753i	-0.1538-0.1926i	0.9379-0.0401i	0.2753+0.1856i
17.6	-1.5725+2.0000i	-1.4061-0.7167i	-1.9580-0.5755i	4.4394-0.8645i	-0.1266+0.9850i	-0.0578-0.1851i	0.7388-0.2675i	0.1799+0.2025i
17.7	-1.3395+1.9804i	-1.3709-0.5702i	-1.9144-0.5796i	3.8916-1.1752i	-0.0421+0.9209i	0.0188-0.2306i	0.5161-0.3651i	0.1281+0.2426i
17.8	-1.1615+1.9456i	-1.3481-0.4839i	-1.9303-0.6024i	3.5399-1.2439i	0.0022+0.9282i	0.0521-0.3016i	0.3620-0.3933i	0.0834+0.3175i
17.9	-0.9729+1.7681i	-1.2273-0.3633i	-1.9429-0.6006i	3.0404-1.2574i	0.0677+0.8879i	0.0368-0.3497i	0.2833-0.3432i	0.0829+0.3716i
18.0	-0.8415+1.5665i	-1.1222-0.2716i	-1.9607-0.5573i	2.6304-1.2179i	0.1227+0.8123i	-0.0079-0.3693i	0.1752-0.2769i	0.1290+0.4014i
18.1	-0.7461+1.3411i	-1.0136-0.2142i	-1.9631-0.4845i	2.2287-1.1389i	0.1921+0.7069i	-0.0439-0.3627i	0.0713-0.1632i	0.1869+0.3959i
18.2	-0.7080+1.2075i	-0.9565-0.1865i	-1.9781-0.4373i	1.9854-1.1676i	0.2415+0.6402i	-0.0537-0.3579i	0.0783-0.0784i	0.2115+0.3947i

18.3	-0.7081+1.0855i	-0.9266-0.1842i	-1.9930-0.3975i	1.7895-1.1141i	0.3034+0.5926i	-0.0550-0.3336i	0.1161-0.0520i	0.2410+0.3791i
18.4	-0.7321+0.9164i	-0.8781-0.1862i	-1.9695-0.3376i	1.4505-1.0417i	0.3375+0.5891i	-0.0622-0.2741i	0.1220-0.0685i	0.3020+0.3280i
18.5	-1.0034+0.6739i	-0.8280-0.2463i	-1.9280-0.2929i	1.0042-0.4475i	0.3935+0.4355i	-0.0203-0.2852i	0.0926-0.0941i	0.3479+0.2461i
18.6	-1.3403+0.8451i	-0.9191-0.2461i	-1.9124-0.2683i	1.4356+0.1666i	0.3119+0.2720i	-0.0354-0.3587i	0.0708-0.0737i	0.3089+0.1634i
18.7	-1.3070+1.1586i	-0.9477-0.1385i	-1.9011-0.2501i	2.0661+0.0102i	0.1775+0.2151i	-0.1223-0.3845i	0.0770-0.0270i	0.2358+0.1574i
18.8	-1.1071+1.2678i	-0.8930-0.0394i	-1.9309-0.2178i	2.1590-0.5226i	0.1138+0.2398i	-0.1748-0.3324i	0.1168-0.0163i	0.1980+0.1816i
18.9	-1.0045+1.3065i	-0.8525+0.0094i	-1.9444-0.1682i	2.0665-0.7368i	0.0831+0.2755i	-0.1883-0.2843i	0.1369-0.0335i	0.1869+0.1840i
19.0	-0.8802+1.3132i	-0.7917+0.0638i	-1.9393-0.1100i	1.9065-0.9179i	0.0637+0.3038i	-0.1934-0.2323i	0.1316-0.0368i	0.1730+0.1772i
19.1	-0.7595+1.2729i	-0.7303+0.0907i	-1.9352-0.0566i	1.7348-1.0076i	0.0740+0.3317i	-0.1781-0.1831i	0.1076-0.0286i	0.1706+0.1574i
19.2	-0.6826+1.2256i	-0.6929+0.1036i	-1.9380-0.0187i	1.6307-1.0785i	0.0997+0.3388i	-0.1549-0.1649i	0.1103-0.0241i	0.1628+0.1618i
19.3	-0.6477+1.1651i	-0.6536+0.1135i	-1.9283+0.0242i	1.5445-1.1447i	0.0921+0.3470i	-0.1495-0.1623i	0.1177-0.0277i	0.1725+0.1812i
19.4	-0.6257+1.1219i	-0.6225+0.1254i	-1.9191+0.0556i	1.4464-1.2036i	0.1013+0.3612i	-0.1462-0.1480i	0.1180-0.0326i	0.1832+0.1787i
19.5	-0.5664+1.0690i	-0.5637+0.1524i	-1.9094+0.1061i	1.2498-1.3207i	0.1158+0.3604i	-0.1474-0.1397i	0.1088-0.0297i	0.1984+0.1773i
19.6	-0.5349+1.0331i	-0.5280+0.1616i	-1.9302+0.1199i	1.0994-1.4084i	0.1328+0.3684i	-0.1531-0.1341i	0.1063-0.0306i	0.2174+0.1748i
19.7	-0.5237+0.9883i	-0.4953+0.1659i	-1.9532+0.1459i	0.9279-1.4437i	0.1693+0.3477i	-0.1587-0.1169i	0.1099-0.0399i	0.2374+0.1531i
19.8	-0.5284+0.9547i	-0.4649+0.1653i	-1.9952+0.1882i	0.7491-1.4415i	0.1785+0.3175i	-0.1569-0.0964i	0.1137-0.0533i	0.2420+0.1357i
19.9	-0.5129+0.9269i	-0.4220+0.1649i	-2.0261+0.2264i	0.5276-1.4129i	0.1881+0.3080i	-0.1513-0.0636i	0.1150-0.0688i	0.2426+0.0978i
20.0	-0.5135+0.8990i	-0.3820+0.1598i	-2.0696+0.2720i	0.3301-1.3363i	0.1971+0.2823i	-0.1297-0.0431i	0.0991-0.0747i	0.2236+0.0712i
20.1	-0.5140+0.8834i	-0.3434+0.1612i	-2.0993+0.3294i	0.1521-1.2690i	0.1910+0.2678i	-0.1143-0.0284i	0.0791-0.0711i	0.2124+0.0502i
20.2	-0.4740+0.8784i	-0.3125+0.1436i	-2.1696+0.4299i	-0.0134-1.1354i	0.2131+0.2495i	-0.0957-0.0219i	0.0566-0.0756i	0.1982+0.0355i
20.3	-0.4431+0.8721i	-0.2886+0.1348i	-2.2234+0.5350i	-0.1159-1.0031i	0.2070+0.2344i	-0.0929-0.0206i	0.0459-0.0751i	0.1922+0.0230i
20.4	-0.4162+0.8388i	-0.2660+0.1178i	-2.2890+0.7036i	-0.1706-0.8407i	0.2063+0.2126i	-0.0771-0.0168i	0.0428-0.0640i	0.1688+0.0155i
20.5	-0.4046+0.8053i	-0.2531+0.1045i	-2.3474+0.8617i	-0.2044-0.7263i	0.1973+0.1967i	-0.0651-0.0174i	0.0427-0.0560i	0.1560+0.0201i
20.6	-0.3878+0.7594i	-0.2369+0.0919i	-2.3672+1.1493i	-0.2604-0.5670i	0.1980+0.1950i	-0.0555-0.0091i	0.0282-0.0464i	0.1509+0.0175i
20.7	-0.3980+0.7353i	-0.2316+0.0801i	-2.2591+1.3658i	-0.2683-0.4611i	0.2018+0.1765i	-0.0422+0.0011i	0.0274-0.0542i	0.1453-0.0008i
20.8	-0.3875+0.7354i	-0.2215+0.0662i	-2.1548+1.5421i	-0.2270-0.3619i	0.1982+0.1766i	-0.0238+0.0023i	0.0117-0.0506i	0.1128-0.0054i
20.9	-0.3824+0.6945i	-0.2174+0.0524i	-1.9742+1.6907i	-0.1740-0.2730i	0.2092+0.1662i	-0.0018-0.0171i	0.0073-0.0088i	0.0882+0.0280i
21.0	-0.3973+0.6810i	-0.2064+0.0443i	-1.7761+1.9033i	-0.2064-0.1806i	0.1929+0.1675i	-0.0199-0.0174i	-0.0004+0.0085i	0.1263+0.0305i
21.1	-0.4079+0.6600i	-0.1997+0.0436i	-1.5728+1.9576i	-0.1960-0.1196i	0.2141+0.1327i	0.0052-0.0230i	0.0193+0.0206i	0.1039+0.0367i
21.2	-0.3895+0.6622i	-0.1947+0.0375i	-1.3719+1.9529i	-0.1324-0.0574i	0.2018+0.1055i	0.0036-0.0311i	0.0106+0.0160i	0.0992+0.0367i
21.3	-0.3804+0.6552i	-0.1841+0.0279i	-1.1295+1.9168i	-0.0796+0.0230i	0.1876+0.0859i	0.0005-0.0402i	0.0124+0.0139i	0.1006+0.0415i
21.4	-0.3563+0.6380i	-0.1731+0.0237i	-0.9287+1.9015i	-0.0492+0.0736i	0.1785+0.0938i	0.0025-0.0357i	0.0169+0.0307i	0.0951+0.0355i
21.5	-0.3338+0.6122i	-0.1702+0.0198i	-0.8375+1.8259i	0.0137+0.0869i	0.1640+0.0836i	0.0014-0.0416i	0.0239+0.0409i	0.0989+0.0336i
21.6	-0.3225+0.5849i	-0.1707+0.0025i	-0.8371+1.7088i	0.0681+0.1265i	0.1628+0.0595i	0.0090-0.0461i	0.0546+0.0359i	0.0813+0.0328i
21.7	-0.3213+0.5493i	-0.1755-0.0074i	-0.8137+1.6787i	0.1074+0.1427i	0.1451+0.0753i	0.0141-0.0354i	0.0464+0.0440i	0.0635+0.0352i
21.8	-0.3324+0.5255i	-0.1806-0.0136i	-0.7865+1.6909i	0.1594+0.1422i	0.1236+0.0945i	0.0158-0.0379i	0.0383+0.0567i	0.0592+0.0459i
21.9	-0.3571+0.5053i	-0.1895-0.0204i	-0.7920+1.6853i	0.1927+0.1492i	0.1121+0.0874i	0.0189-0.0545i	0.0416+0.0636i	0.0552+0.0695i
22.0	-0.3609+0.4939i	-0.1974-0.0085i	-0.7876+1.7584i	0.2348+0.1179i	0.1267+0.1061i	0.0241-0.0702i	0.0492+0.0883i	0.0646+0.1116i
22.1	-0.3609+0.4703i	-0.2043+0.0020i	-0.7569+1.8847i	0.2675+0.0561i	0.1407+0.1322i	0.0081-0.0633i	0.0702+0.0871i	0.1149+0.1107i
22.2	-0.3843+0.4438i	-0.2029+0.0039i	-0.7855+1.9426i	0.2554+0.0396i	0.1617+0.1185i	-0.0018-0.0674i	0.0918+0.0734i	0.1386+0.1142i
22.3	-0.3920+0.4508i	-0.1961+0.0203i	-0.7039+2.0215i	0.2330+0.0216i	0.1775+0.1128i	-0.0118-0.0670i	0.1115+0.0791i	0.1595+0.0988i
22.4	-0.4011+0.4331i	-0.1925+0.0309i	-0.5566+2.2748i	0.1867+0.0082i	0.2155+0.0859i	-0.0037-0.0579i	0.1305+0.0501i	0.1684+0.0789i
22.5	-0.4074+0.4373i	-0.1786+0.0383i	-0.4318+2.4147i	0.1547+0.0247i	0.2185+0.0714i	0.0048-0.0527i	0.1371+0.0446i	0.1592+0.0652i
22.6	-0.4071+0.4397i	-0.1785+0.0499i	-0.2274+2.6127i	0.2071+0.0123i	0.2006+0.0565i	-0.0047-0.0483i	0.1484+0.0412i	0.1709+0.0559i
22.7	-0.4130+0.4336i	-0.1520+0.0624i	0.2184+2.7728i	0.1581+0.0012i	0.1685+0.0502i	-0.0071-0.0406i	0.1489+0.0391i	0.1687+0.0519i
22.8	-0.4250+0.4349i	-0.1344+0.0695i	0.6046+2.7245i	0.1240+0.0342i	0.1545+0.0457i	-0.0182-0.0483i	0.1553+0.0427i	0.2079+0.0539i
22.9	-0.4333+0.4470i	-0.1159+0.0677i	1.0682+2.4727i	0.1451+0.0801i	0.1509+0.0588i	-0.0302-0.0431i	0.1815+0.0255i	0.2479+0.0254i
23.0	-0.4378+0.4748i	-0.1098+0.0490i	1.2918+2.1741i	0.1740+0.1679i	0.1831+0.0537i	-0.0237-0.0189i	0.1734-0.0173i	0.2184-0.0607i
23.1	-0.4116+0.4423i	-0.0920+0.0406i	1.5165+1.8589i	0.2333+0.1423i	0.1836+0.0381i	0.0023+0.0004i	0.1518-0.0431i	0.1563-0.0830i
23.2	-0.4198+0.4072i	-0.0907+0.0302i	1.6385+1.5484i	0.2845+0.1046i	0.1749+0.0358i	0.0096-0.0046i	0.1306-0.0345i	0.1449-0.0621i
23.3	-0.4524+0.3917i	-0.0890+0.0152i	1.7280+1.2183i	0.2974+0.1043i	0.1733+0.0220i	0.0159-0.0205i	0.1195-0.0440i	0.1388-0.0499i
23.4	-0.4697+0.4015i	-0.0884+0.0118i	1.6330+0.9282i	0.3130+0.0727i	0.1608+0.0312i	0.0234-0.0105i	0.1111-0.0318i	0.1202-0.0651i
23.5	-0.4720+0.4204i	-0.0892+0.0103i	1.5314+0.6551i	0.3291+0.0412i	0.1688+0.0028i	0.0379-0.0191i	0.1180-0.0421i	0.0926-0.0570i
23.6	-0.4823+0.4427i	-0.0898+0.0110i	1.5010+0.4434i	0.3161+0.0610i	0.1874-0.0019i	0.0584-0.0192i	0.1254-0.0359i	0.0744-0.0587i
23.7	-0.4901+0.4560i	-0.0935+0.0048i	1.3487+0.3151i	0.3045+0.0181i	0.1676+0.0046i	0.0462-0.0149i	0.1280-0.0289i	0.0998-0.0586i
23.8	-0.4839+0.4679i	-0.0993+0.0043i	1.2300+0.2130i	0.3314-0.0181i	0.1405-0.0134i	0.0416-0.0267i	0.1185-0.0304i	0.0742-0.0443i
23.9	-0.4713+0.4920i	-0.0964+0.0116i	1.0918+0.1152i	0.2960-0.0235i	0.1382-0.0228i	0.0525-0.0253i	0.1173-0.0259i	0.0578-0.0554i
24.0	-0.4596+0.5069i	-0.0945+0.0168i	0.9818+0.0458i	0.2651-0.0278i	0.1328-0.0164i	0.0600-0.0333i	0.1241-0.0315i	0.0616-0.0374i
24.1	-0.4522+0.5177i	-0.0934+0.0079i	0.8754-0.0293i	0.2970+0.0349i	0.1332-0.0270i	0.0621-0.0445i	0.1247-0.0247i	0.0612-0.0239i
24.2	-0.4430+0.5321i	-0.0936+0.0034i	0.7844-0.0599i	0.2908+0.0915i	0.1527-0.0442i	0.0598-0.0671i	0.1298-0.0163i	0.0719-0.0108i
24.3	-0.4080+0.5318i	-0.0817+0.0153i	0.6985-0.0989i	0.2674+0.0723i	0.1314-0.0293i	0.0443-0.0716i	0.1505-0.0523i	0.1044-0.0200i
24.4	-0.3951+0.5365i	-0.0740+0.0176i	0.6554-0.1341i	0.2509+0.0788i	0.1090-0.0068i	0.0315-0.0560i	0.1483-0.0860i	0.1245-0.0690i
24.5	-0.3780+0.5340i	-0.0785+0.0221i	0.5838-0.1647i	0.2867+0.0609i	0.1259-0.0266i	0.0256-0.0570i	0.1644-0.0893i	0.1362-0.0776i

24.6	−0.3706+0.5322i	−0.0792+0.0176i	0.5332−0.1426i	0.3093+0.0946i	0.1599−0.0314i	0.0367−0.0787i	0.1773−0.0831i	0.1228−0.0439i
24.7	−0.3490+0.5362i	−0.0793+0.0188i	0.4618−0.1347i	0.3816+0.1289i	0.1609−0.0476i	0.0384−0.0827i	0.1714−0.1067i	0.1018−0.0682i
24.8	−0.3351+0.5242i	−0.0815+0.0270i	0.3961−0.1494i	0.4197+0.0672i	0.1462−0.0712i	0.0220−0.0890i	0.1553−0.1479i	0.1230−0.0730i
24.9	−0.3310+0.5030i	−0.0731+0.0257i	0.3566−0.1428i	0.4403+0.0290i	0.1423−0.0937i	0.0207−0.0903i	0.1392−0.1360i	0.0955−0.0810i
25.0	−0.3306+0.4948i	−0.0694+0.0280i	0.3184−0.1345i	0.4020−0.0180i	0.1308−0.0839i	0.0203−0.0794i	0.1139−0.1534i	0.0736−0.0948i
25.1	−0.3292+0.4998i	−0.0701+0.0280i	0.2946−0.1343i	0.3950−0.0383i	0.1234−0.0914i	0.0212−0.0894i	0.0991−0.1696i	0.0757−0.0912i
25.2	−0.3067+0.4895i	−0.0624+0.0367i	0.2430−0.1461i	0.4373−0.0875i	0.0720−0.1040i	0.0051−0.0954i	0.1099−0.1862i	0.0895−0.0827i
25.3	−0.2944+0.4877i	−0.0531+0.0501i	0.2107−0.1643i	0.4217−0.1432i	0.0686−0.0924i	0.0036−0.0831i	0.1023−0.1658i	0.0781−0.0652i
25.4	−0.3014+0.4796i	−0.0474+0.0587i	0.1685−0.1551i	0.3950−0.1842i	0.0607−0.0741i	0.0021−0.0714i	0.1059−0.1955i	0.0803−0.0730i
25.5	−0.3106+0.4834i	−0.0535+0.0586i	0.1417−0.1401i	0.4081−0.1777i	0.0643−0.0965i	0.0221−0.0819i	0.0601−0.1922i	0.0362−0.0564i
25.6	−0.3131+0.5032i	−0.0547+0.0557i	0.1340−0.1441i	0.4401−0.1891i	0.0888−0.0776i	0.0400−0.0890i	0.0301−0.1620i	0.0129−0.0364i
25.7	−0.2832+0.5076i	−0.0428+0.0639i	0.1030−0.1571i	0.4458−0.2247i	0.0750−0.0510i	0.0320−0.0775i	−0.0084−0.1131i	0.0039−0.0374i
25.8	−0.2837+0.5094i	−0.0277+0.0695i	0.0648−0.1368i	0.3367−0.3089i	0.0827−0.0565i	0.0189−0.0929i	0.0341−0.1434i	0.0652−0.0442i
25.9	−0.2647+0.5024i	−0.0096+0.0667i	0.0434−0.1328i	0.2768−0.3093i	0.0743−0.0683i	0.0001−0.0985i	0.0255−0.1596i	0.0796−0.0721i
26.0	−0.2320+0.4931i	0.0103+0.0677i	0.0084−0.1330i	0.2277−0.3159i	0.0588−0.1021i	−0.0158−0.0942i	−0.0107−0.1774i	0.0641−0.0970i
26.1	−0.2348+0.4908i	0.0196+0.0625i	−0.0050−0.1285i	0.2146−0.3170i	0.0477−0.1283i	−0.0115−0.1001i	−0.0223−0.1679i	0.0501−0.0737i
26.2	−0.2354+0.4823i	0.0256+0.0519i	−0.0281−0.1277i	0.1654−0.3041i	0.0456−0.1191i	−0.0101−0.0960i	−0.0139−0.1485i	0.0465−0.0686i
26.3	−0.2015+0.4703i	0.0340+0.0410i	−0.0666−0.1368i	0.0894−0.2712i	0.0231−0.0770i	−0.0229−0.0775i	−0.0223−0.1428i	0.0637−0.0803i
26.4	−0.1893+0.4845i	0.0380+0.0381i	−0.0968−0.1408i	0.0726−0.2220i	−0.0264−0.0722i	−0.0442−0.0745i	−0.0523−0.1453i	0.0693−0.0707i
26.5	−0.2023+0.4976i	0.0347+0.0312i	−0.1135−0.1378i	0.0749−0.1919i	−0.0020−0.0516i	−0.0345−0.0714i	−0.0526−0.1213i	0.0511−0.0741i
26.6	−0.1845+0.4919i	0.0359+0.0302i	−0.1548−0.1256i	0.0765−0.1852i	−0.0119−0.0113i	−0.0422−0.0568i	−0.0659−0.1023i	0.0425−0.0844i
26.7	−0.1667+0.4890i	0.0404+0.0354i	−0.1948−0.1107i	0.0663−0.2048i	−0.0338−0.0117i	−0.0526−0.0598i	−0.0686−0.1023i	0.0426−0.0936i
26.8	−0.1476+0.4872i	0.0455+0.0390i	−0.2413−0.0909i	0.0594−0.2165i	0.0211−0.0074i	−0.0368−0.0511i	−0.0606−0.1022i	0.0347−0.1114i
26.9	−0.1418+0.4839i	0.0426+0.0410i	−0.2756−0.0680i	0.0634−0.2389i	0.0316−0.0217i	−0.0369−0.0495i	−0.0530−0.1013i	0.0509−0.0996i
27.0	−0.1185+0.4843i	0.0449+0.0425i	−0.3249−0.0247i	0.0588−0.2305i	0.0195−0.0472i	−0.0463−0.0515i	−0.0624−0.1038i	0.0460−0.0896i
27.1	−0.1121+0.4875i	0.0518+0.0321i	−0.3510+0.0170i	0.0287−0.2010i	0.0253−0.0400i	−0.0414−0.0436i	−0.0656−0.0929i	0.0365−0.1060i
27.2	−0.0740+0.4800i	0.0528+0.0303i	−0.3838+0.0766i	0.0270−0.1485i	0.0110−0.0617i	−0.0434−0.0482i	−0.0749−0.0947i	0.0055−0.1081i
27.3	−0.0567+0.4776i	0.0503+0.0351i	−0.3858+0.1465i	0.0429−0.1509i	0.0158−0.0832i	−0.0420−0.0525i	−0.0752−0.0976i	−0.0138−0.0925i
27.4	−0.0350+0.4747i	0.0499+0.0431i	−0.3787+0.2257i	0.0514−0.1772i	0.0180−0.0551i	−0.0343−0.0336i	−0.0788−0.0697i	−0.0128−0.0999i
27.5	−0.0212+0.4754i	0.0612+0.0492i	−0.3571+0.2778i	0.0388−0.1894i	0.0086−0.0404i	−0.0364−0.0233i	−0.0706−0.0664i	−0.0032−0.1161i
27.6	0.0350+0.4666i	0.0736+0.0555i	−0.2933+0.3403i	0.0128−0.1673i	−0.0087−0.0571i	−0.0301−0.0181i	−0.0696−0.0531i	−0.0503−0.0910i
27.7	0.0491+0.4424i	0.0864+0.0486i	−0.2595+0.3545i	−0.0148−0.1156i	−0.0174−0.0481i	−0.0256−0.0060i	−0.0741−0.0327i	−0.0720−0.0864i
27.8	0.0856+0.3992i	0.0993+0.0492i	−0.1888+0.3424i	−0.0044−0.1297i	−0.0287−0.0281i	−0.0336−0.0122i	−0.0819−0.0278i	−0.0385−0.0734i
27.9	0.1221+0.3661i	0.1063+0.0444i	−0.1352+0.3405i	0.0128−0.1122i	−0.0124−0.0335i	−0.0274−0.0120i	−0.0749−0.0241i	−0.0418−0.0420i
28.0	0.1304+0.3147i	0.1146+0.0371i	−0.0913+0.3146i	0.0287−0.1220i	0.0067−0.0190i	−0.0157−0.0106i	−0.0486−0.0183i	−0.0253−0.0271i
28.1	0.1473+0.2675i	0.1205+0.0417i	−0.0538+0.2883i	0.0349−0.1738i	0.0032−0.0247i	−0.0198−0.0164i	−0.0348−0.0262i	0.0064−0.0088i
28.2	0.1509+0.2351i	0.1265+0.0452i	−0.0544+0.2522i	0.0216−0.1921i	0.0117−0.0204i	−0.0192−0.0163i	−0.0363−0.0262i	−0.0094−0.0187i
28.3	0.1492+0.1878i	0.1394+0.0392i	−0.0585+0.2025i	−0.0171−0.1968i	0.0451−0.0058i	−0.0093−0.0041i	−0.0176−0.0235i	−0.0126−0.0340i
28.4	0.1432+0.1677i	0.1396+0.0331i	−0.0446+0.1870i	−0.0131−0.1770i	0.0574−0.0332i	0.0056−0.0066i	0.0071−0.0339i	−0.0115−0.0195i
28.5	0.1113+0.1313i	0.1574+0.0244i	−0.0766+0.1847i	−0.0334−0.1395i	0.0419−0.0258i	0.0011−0.0107i	−0.0113−0.0213i	−0.0102−0.0112i
28.6	0.1037+0.1103i	0.1586+0.0202i	−0.0774+0.1715i	−0.0059−0.1546i	0.0396−0.0207i	−0.0055−0.0113i	−0.0136−0.0265i	0.0086−0.0308i
28.7	0.0933+0.0874i	0.1732+0.0114i	−0.0859+0.1419i	−0.0429−0.1272i	0.0346−0.0045i	−0.0041+0.0023i	−0.0144+0.0033i	−0.0056−0.0304i
28.8	0.0713+0.0635i	0.1809+0.0085i	−0.1132+0.1386i	−0.0487−0.1320i	0.0416−0.0260i	−0.0057+0.0003i	−0.0079−0.0102i	0.0147−0.0324i
28.9	0.0636+0.0499i	0.1828+0.0024i	−0.1571+0.1255i	−0.0516−0.1312i	0.0347−0.0551i	−0.0088−0.0138i	−0.0221−0.0301i	−0.0031−0.0210i
29.0	0.0463+0.0409i	0.1890−0.0048i	−0.1735+0.1179i	−0.0614−0.1404i	0.0255−0.0396i	−0.0097−0.0064i	−0.0319−0.0367i	0.0131−0.0475i
29.1	0.0369+0.0363i	0.1885−0.0007i	−0.1755+0.1180i	−0.0457−0.1806i	0.0304−0.0466i	0.0065+0.0027i	−0.0049−0.0488i	0.0281−0.0714i
29.2	0.0316+0.0156i	0.1967−0.0077i	−0.2272+0.1217i	−0.0500−0.1795i	0.0658−0.0527i	0.0174−0.0023i	0.0123−0.0477i	−0.0117−0.0564i
29.3	0.0214+0.0031i	0.2148−0.0120i	−0.2453+0.1065i	−0.1210−0.1544i	0.0511−0.0526i	0.0068+0.0047i	0.0059−0.0337i	0.0045−0.0425i
29.4	0.0094+0.0025i	0.2193−0.0087i	−0.2556+0.0983i	−0.1392−0.1678i	0.0177−0.0558i	−0.0044+0.0077i	−0.0123−0.0408i	0.0151−0.0581i
29.5	0.0147−0.0096i	0.2270−0.0167i	−0.2920+0.1139i	−0.1447−0.1960i	0.0108−0.0605i	0.0002+0.0052i	−0.0197−0.0391i	−0.0024−0.0699i
29.6	0.0129−0.0169i	0.2308−0.0209i	−0.3230+0.1350i	−0.1632−0.1903i	0.0424−0.0748i	0.0186+0.0059i	−0.0028−0.0544i	−0.0121−0.0757i
29.7	−0.0003−0.0222i	0.2351−0.0239i	−0.3381+0.1347i	−0.1865−0.1475i	−0.0022−0.0888i	0.0013+0.0027i	−0.0301−0.0657i	−0.0184−0.0546i
29.8	−0.0012−0.0230i	0.2329−0.0276i	−0.3443+0.1094i	−0.1678−0.1618i	0.0097−0.1037i	0.0030−0.0012i	−0.0303−0.0739i	−0.0372−0.0321i
29.9	0.0134−0.0385i	0.2532−0.0354i	−0.4274+0.1151i	−0.1880−0.1555i	0.0510−0.0538i	0.0104+0.0184i	−0.0219−0.0499i	−0.0475−0.0746i
30.0	0.0183−0.0449i	0.2551−0.0411i	−0.4978+0.1209i	−0.1708−0.1728i	0.0222−0.0451i	0.0202+0.0268i	−0.0216−0.0288i	−0.0227−0.0739i
30.1	0.0234−0.0659i	0.2666−0.0514i	−0.4968+0.1427i	−0.2101−0.1774i	0.0081−0.0783i	0.0078+0.0212i	−0.0322−0.0365i	−0.0464−0.0391i
30.2	0.0339−0.0869i	0.2786−0.0565i	−0.5514+0.1559i	−0.2500−0.1992i	0.0076−0.0788i	0.0086+0.0278i	−0.0651−0.0274i	−0.0345−0.0150i
30.3	−0.0029−0.0989i	0.2631−0.0538i	−0.5901+0.1901i	−0.2669−0.1985i	−0.0149−0.1077i	0.0252+0.0363i	−0.0682−0.0511i	0.0044+0.0154i
30.4	0.0001−0.1054i	0.2638−0.0539i	−0.6467+0.2061i	−0.2659−0.1948i	0.0025−0.1092i	0.0456+0.0430i	−0.0304−0.0391i	−0.0006+0.0008i
30.5	0.0238−0.1212i	0.2854−0.0655i	−0.7453+0.2402i	−0.2981−0.2004i	−0.0289−0.0780i	0.0265+0.0473i	−0.0726−0.0095i	0.0218+0.0204i
30.6	0.0176−0.1436i	0.2935−0.0783i	−0.7973+0.3075i	−0.3535−0.1384i	−0.0310−0.0791i	0.0504+0.0521i	−0.0674−0.0135i	0.0270+0.0236i
30.7	0.0019−0.1730i	0.2988−0.0808i	−0.8085+0.4464i	−0.3673−0.1061i	−0.0268−0.0878i	0.0622+0.0520i	−0.0542+0.0094i	0.0316+0.0366i
30.8	0.0020−0.1909i	0.3015−0.0792i	−0.8586+0.5114i	−0.3641−0.0923i	−0.0552−0.0820i	0.0806+0.0415i	−0.0602+0.0161i	0.0688+0.0314i

30.9	0.0126-0.1883i	0.3264-0.0709i	-0.8309+0.5484i	-0.4157-0.0799i	-0.0564-0.0898i	0.0987+0.0282i	-0.0565+0.0130i	0.0515+0.0122i
31.0	0.0057-0.1933i	0.3225-0.0672i	-0.9000+0.6226i	-0.4391-0.0823i	-0.0324-0.0840i	0.1011+0.0197i	-0.0351+0.0035i	0.0222+0.0194i
31.1	0.0205-0.2168i	0.3103-0.0794i	-1.0089+0.6793i	-0.4173-0.0847i	-0.0471-0.0749i	0.0828+0.0091i	-0.0512+0.0121i	0.0512+0.0310i
31.2	0.0178-0.2530i	0.3207-0.0801i	-1.1683+0.7984i	-0.4418-0.0698i	-0.0700-0.0908i	0.1002-0.0032i	-0.0632-0.0102i	0.0887+0.0272i
31.3	0.0058-0.2696i	0.3359-0.0478i	-1.1291+1.0052i	-0.4668-0.0910i	-0.0497-0.1505i	0.1281-0.0273i	-0.0344-0.0213i	0.0903+0.0325i
31.4	0.0166-0.2984i	0.3569-0.0301i	-1.1809+1.1921i	-0.4710-0.0979i	0.0034-0.1647i	0.1455-0.0257i	-0.0043-0.0226i	0.0864+0.0510i
31.5	0.0086-0.3610i	0.4000-0.0549i	-0.9113+1.3492i	-0.4984-0.0598i	-0.0166-0.1215i	0.1556-0.0189i	0.0017-0.0147i	0.0958+0.0235i
31.6	-0.0054-0.3748i	0.4187-0.0509i	-0.8157+1.5025i	-0.5192-0.0747i	-0.0246-0.1378i	0.1519-0.0302i	0.0110-0.0176i	0.0976+0.0032i
31.7	-0.0389-0.4076i	0.4236-0.0560i	-0.8145+1.7794i	-0.5380-0.0772i	-0.0356-0.1703i	0.1492-0.0476i	0.0069-0.0407i	0.0906+0.0127i
31.8	-0.0116-0.4260i	0.4612-0.0332i	-0.7911+2.0225i	-0.5833-0.0743i	-0.1199-0.1925i	0.1323-0.0634i	-0.0355-0.0360i	0.1819+0.0240i
31.9	-0.0137-0.4352i	0.4758-0.0284i	-0.7111+1.9441i	-0.5988-0.1007i	-0.1420-0.2446i	0.1462-0.0797i	-0.0210-0.0538i	0.1893+0.0445i
32.0	-0.0259-0.5001i	0.5258-0.0557i	-0.5979+1.9039i	-0.7162-0.0531i	-0.1779-0.2127i	0.1380-0.0935i	-0.0358-0.0619i	0.2138+0.0104i
32.1	-0.0359-0.5722i	0.5621-0.0890i	-0.5147+2.1611i	-0.7350+0.0264i	-0.1952-0.2162i	0.1120-0.0938i	-0.0492-0.0419i	0.2589-0.0015i
32.2	-0.0814-0.6505i	0.5964-0.1159i	-0.3300+2.3153i	-0.7242+0.0721i	-0.2144-0.2051i	0.1210-0.1209i	-0.0356-0.0463i	0.2787-0.0360i
32.3	-0.1075-0.6527i	0.6138-0.1205i	-0.1716+2.3623i	-0.7061+0.0681i	-0.2215-0.1791i	0.1269-0.1180i	-0.0257-0.0440i	0.2715-0.0925i
32.4	-0.1235-0.6535i	0.6690-0.1173i	0.1687+2.5397i	-0.7978+0.0642i	-0.2659-0.1281i	0.1003-0.1025i	-0.0299-0.0219i	0.3031-0.1634i
32.5	-0.1756-0.7030i	0.6903-0.1408i	0.1848+2.5500i	-0.8108+0.0622i	-0.2886-0.0981i	0.0846-0.0906i	-0.0459-0.0316i	0.2895-0.2159i
32.6	-0.2105-0.7820i	0.7436-0.1854i	0.4611+2.4064i	-0.8335+0.1011i	-0.2877-0.0926i	0.0935-0.0900i	-0.0522-0.0372i	0.2710-0.2516i
32.7	-0.2398-0.8368i	0.8304-0.1982i	0.7200+2.5760i	-0.9619+0.1115i	-0.3412-0.0571i	0.0966-0.1051i	-0.0779-0.0188i	0.3341-0.3047i
32.8	-0.2818-0.8499i	0.8628-0.2061i	0.8830+2.6754i	-0.9941+0.1234i	-0.3359-0.0411i	0.0764-0.0880i	-0.0939-0.0197i	0.2729-0.3354i
32.9	-0.3228-0.9121i	0.9302-0.2465i	1.2625+2.6811i	-1.0272+0.1791i	-0.3338-0.0317i	0.1041-0.0554i	-0.0878+0.0288i	0.2204-0.3639i
33.0	-0.4248-0.9545i	1.0099-0.2893i	1.4694+2.5283i	-1.0988+0.1749i	-0.3901+0.0809i	0.1282-0.0578i	-0.1009+0.0590i	0.2611-0.4572i
33.1	-0.5282-0.9854i	1.0734-0.3322i	1.5462+2.3823i	-1.1923+0.1554i	-0.3340+0.1767i	0.1226-0.0628i	-0.0744+0.0816i	0.1863-0.5685i
33.2	-0.6528-1.0258i	1.1763-0.4399i	1.7664+2.0622i	-1.3326+0.2532i	-0.2934+0.2986i	0.1303-0.0707i	-0.0422+0.1310i	0.1208-0.6868i
33.3	-0.7255-1.0374i	1.2547-0.5239i	1.9115+1.9910i	-1.4165+0.3231i	-0.2997+0.2798i	0.1616-0.1017i	0.0003+0.1308i	0.1045-0.7017i
33.4	-0.8529-1.0476i	1.3851-0.6130i	1.9931+1.9870i	-1.6420+0.3453i	-0.2727+0.2840i	0.2097-0.1347i	0.0656+0.1208i	0.0425-0.7811i
33.5	-1.0088-1.0059i	1.5213-0.8218i	2.1263+2.0004i	-1.9018+0.4971i	-0.2338+0.3272i	0.2460-0.1767i	0.1088+0.1100i	-0.0742-0.8505i
33.6	-1.0657-0.9702i	1.5959-1.0230i	2.2394+1.8798i	-2.1220+0.7020i	-0.1791+0.3253i	0.2780-0.2050i	0.1796+0.0999i	-0.1646-0.8597i
33.7	-1.1752-0.9991i	1.7362-1.2958i	2.4342+1.7364i	-2.4768+1.0072i	-0.0903+0.3430i	0.3012-0.2624i	0.3082+0.0298i	-0.3478-0.8745i
33.8	-1.2541-1.0231i	1.8230-1.6389i	2.5565+1.6997i	-2.7161+1.4945i	-0.0826+0.3320i	0.3415-0.3690i	0.3618-0.0917i	-0.4440-0.8565i
33.9	-1.3893-1.0849i	1.7636-2.0859i	2.8567+1.7376i	-2.7792+2.1711i	-0.0970+0.2397i	0.3026-0.4969i	0.3209-0.3043i	-0.5427-0.7286i
34.0	-1.7068-1.1891i	1.6414-2.6184i	3.3625+1.7163i	-2.8097+2.9924i	-0.0986+0.2676i	0.1638-0.6393i	0.1842-0.5096i	-0.7571-0.7283i
34.1	-2.1739-1.1943i	1.3510-3.1674i	3.8579+1.3996i	-2.4438+3.8363i	-0.1309+0.3600i	0.0320-0.7663i	-0.0157-0.5727i	-0.8393-0.6844i
34.2	-2.8052-0.6908i	0.6481-3.7093i	4.3097+0.5656i	-1.5999+4.7055i	-0.0450+0.4581i	-0.1957-0.7712i	-0.2682-0.5576i	-1.0238-0.6023i
34.3	-3.0130+0.4109i	-0.5787-3.9795i	4.4536-0.8791i	-0.0101+5.3545i	0.1382+0.5124i	-0.4743-0.6815i	-0.4772-0.3487i	-1.2634-0.3354i
34.4	-2.7369+1.1249i	-1.4552-3.7182i	4.0594-1.5833i	1.2196+5.1656i	0.2333+0.4916i	-0.5969-0.5940i	-0.5378-0.2285i	-1.2730-0.1232i
34.5	-1.7481+1.6944i	-2.4179-2.7168i	2.9735-2.3096i	2.7306+3.9006i	0.3579+0.2987i	-0.6307-0.3385i	-0.4806+0.0213i	-1.1706+0.3148i
34.6	-1.0516+1.7156i	-2.7669-1.7906i	2.2167-2.5220i	3.3490+2.6391i	0.4193+0.1390i	-0.5876-0.1736i	-0.3761+0.1214i	-1.0111+0.5679i
34.7	-0.6233+1.4507i	-2.6636-1.0764i	1.6615-2.3553i	3.2567+1.7138i	0.3911+0.0373i	-0.5464-0.0416i	-0.3031+0.1682i	-0.8255+0.6614i
34.8	-0.3807+1.1493i	-2.3150-0.5663i	1.2614-2.0697i	2.7935+1.0111i	0.3347+0.0025i	-0.4320-0.0082i	-0.1818+0.2680i	-0.6188+0.6387i
34.9	-0.2735+0.8828i	-1.8905-0.2164i	0.9647-1.8287i	2.2132+0.5782i	0.2452-0.0404i	-0.3560+0.0285i	-0.1512+0.2689i	-0.4146+0.6321i
35.0	-0.2497+0.7250i	-1.6039-0.0687i	0.7682-1.6882i	1.8118+0.3746i	0.1935-0.0840i	-0.3516+0.0312i	-0.1243+0.2077i	-0.3024+0.5934i
35.1	-0.2573+0.5818i	-1.3395+0.0467i	0.5486-1.5354i	1.4657+0.2417i	0.1598-0.1144i	-0.3539+0.0658i	-0.1101+0.1796i	-0.2282+0.5708i
35.2	-0.2421+0.4888i	-1.1138+0.1075i	0.4318-1.3596i	1.2101+0.1952i	0.1207-0.1146i	-0.3187+0.1042i	-0.1088+0.1612i	-0.1813+0.5180i
35.3	-0.2169+0.4077i	-0.9027+0.0807i	0.2825-1.1383i	0.9837+0.2937i	0.0718-0.0704i	-0.3189+0.0767i	-0.0386+0.1388i	-0.0980+0.4186i
35.4	-0.2380+0.3598i	-0.7571+0.0703i	0.2549-0.9763i	0.8392+0.2996i	0.0521-0.0920i	-0.2760+0.1045i	-0.0514+0.1227i	-0.0796+0.3897i
35.5	-0.2161+0.2961i	-0.6009+0.0849i	0.1774-0.8165i	0.6504+0.2990i	0.0000-0.0871i	-0.2029+0.1432i	-0.0529+0.1592i	-0.0104+0.3905i
35.6	-0.2128+0.2346i	-0.5111+0.0133i	0.1263-0.6717i	0.6202+0.4252i	0.0036-0.0566i	-0.2335+0.1355i	-0.0771+0.0836i	0.0019+0.3174i
35.7	-0.2021+0.1642i	-0.4332-0.0512i	0.1121-0.5387i	0.5505+0.5598i	0.0054-0.0492i	-0.1807+0.0744i	0.0251+0.0509i	0.0415+0.2679i
35.8	-0.2070+0.0840i	-0.3124-0.0610i	0.1615-0.3495i	0.3685+0.6187i	-0.0296-0.0261i	-0.1071+0.0714i	0.0725+0.0984i	0.0866+0.2388i
35.9	-0.2170+0.0002i	-0.2362-0.0938i	0.1936-0.2548i	0.3208+0.6882i	-0.0252+0.0032i	-0.1288+0.0933i	0.0046+0.0664i	0.0656+0.1926i
36.0	-0.1987-0.0552i	-0.1554-0.1042i	0.2302-0.1538i	0.2205+0.7343i	-0.0635+0.0091i	-0.0958+0.0956i	0.0085+0.0827i	0.0963+0.2049i
36.1	-0.2540-0.1119i	-0.1138-0.1703i	0.3334-0.0577i	0.2798+0.8369i	-0.0585+0.0205i	-0.1031+0.0527i	0.0074+0.0167i	0.1165+0.1251i
36.2	-0.3188-0.1459i	-0.0926-0.2331i	0.3799-0.0136i	0.3167+0.9026i	-0.0233+0.0469i	-0.1425+0.0474i	-0.0370-0.0188i	0.0540+0.0352i
36.3	-0.3264-0.1273i	-0.0625-0.2063i	0.3745-0.0146i	0.3002+0.8295i	-0.0450+0.0237i	-0.1095+0.1156i	-0.0767+0.0462i	0.0361+0.0831i
36.4	-0.3485-0.1674i	-0.0217-0.2828i	0.4864+0.0695i	0.3059+0.9013i	-0.0627+0.0235i	-0.0997+0.0871i	-0.0727+0.0665i	0.0474+0.0860i
36.5	-0.3681-0.1949i	0.0059-0.3520i	0.5480+0.0693i	0.2743+1.0052i	-0.0473+0.0326i	-0.0798+0.0981i	-0.0688+0.0951i	0.0189+0.0897i
36.6	-0.4264-0.1987i	0.0212-0.4259i	0.5808+0.0603i	0.3251+1.0767i	-0.0236+0.0329i	-0.0950+0.0933i	-0.0837+0.0794i	-0.0252+0.0739i
36.7	-0.4648-0.2245i	0.0409-0.4957i	0.6599+0.0733i	0.3599+1.0984i	-0.0220+0.0537i	-0.0909+0.0917i	-0.0767+0.1081i	-0.0326+0.0532i
36.8	-0.5055-0.2474i	0.0688-0.5377i	0.7161+0.0791i	0.4033+1.1980i	-0.0148+0.0471i	-0.0792+0.0898i	-0.0953+0.1055i	-0.0418+0.0442i
36.9	-0.5327-0.2551i	0.0545-0.5733i	0.7486+0.0890i	0.4849+1.2716i	0.0011+0.0264i	-0.0686+0.0976i	-0.0933+0.0948i	-0.0483+0.0626i
37.0	-0.5284-0.2846i	0.0702-0.6310i	0.8338+0.1402i	0.4491+1.3303i	-0.0101+0.0529i	-0.0481+0.1030i	-0.0656+0.1192i	-0.0358+0.0604i
37.1	-0.5735-0.3181i	0.0809-0.7062i	0.9108+0.1209i	0.4774+1.4059i	-0.0058+0.0896i	-0.0395+0.0628i	-0.0325+0.1129i	-0.0244-0.0049i

37.2	-0.6367-0.2957i	0.0451-0.7529i	0.9469+0.0440i	0.6178+1.3970i	0.0235+0.0807i	-0.0580+0.0616i	-0.0268+0.1063i	-0.0670-0.0041i
37.3	-0.7021-0.2834i	0.0070-0.8162i	1.0385-0.0004i	0.7463+1.4201i	0.0352+0.0708i	-0.0625+0.0394i	-0.0394+0.1029i	-0.1059+0.0006i
37.4	-0.7613-0.2732i	-0.0177-0.8849i	1.1233-0.0518i	0.8291+1.4268i	0.0442+0.0356i	-0.0444+0.0279i	-0.0348+0.0942i	-0.1157+0.0212i
37.5	-0.7970-0.2697i	-0.0317-0.9190i	1.2341-0.1165i	0.8935+1.4370i	0.0630+0.0207i	-0.0491+0.0621i	-0.0189+0.0832i	-0.1243+0.0405i
37.6	-0.8195-0.2514i	-0.0460-0.9891i	1.2824-0.2261i	0.9431+1.4861i	0.0573+0.0303i	-0.0637+0.0617i	-0.0202+0.1089i	-0.1250+0.0287i
37.7	-0.8148-0.2244i	-0.1062-1.0003i	1.2848-0.3259i	1.0395+1.4676i	0.0434+0.0147i	-0.0801+0.0400i	-0.0163+0.0913i	-0.1145+0.0413i
37.8	-0.8609-0.2287i	-0.1359-1.0486i	1.3071-0.3284i	1.1351+1.4884i	0.0521+0.0072i	-0.0680+0.0477i	-0.0373+0.0671i	-0.1336+0.0377i
37.9	-0.8917-0.1863i	-0.2195-1.1179i	1.2925-0.4862i	1.2063+1.5003i	0.0544+0.0082i	-0.0719+0.0465i	-0.0270+0.0646i	-0.1453+0.0415i
38.0	-0.8861-0.1600i	-0.3349-1.0841i	1.2897-0.5413i	1.3355+1.4246i	0.0493-0.0027i	-0.0650+0.0577i	-0.0123+0.0708i	-0.1362+0.0758i
38.1	-0.8768-0.1402i	-0.3805-1.0324i	1.2605-0.5546i	1.4288+1.3263i	0.0416+0.0206i	-0.0804+0.0753i	-0.0097+0.0788i	-0.1334+0.0718i
38.2	-0.9178-0.0648i	-0.4439-1.0959i	1.2779-0.7789i	1.5304+1.2717i	0.0459+0.0130i	-0.0647+0.0611i	-0.0189+0.0918i	-0.1468+0.0875i
38.3	-0.9000-0.0174i	-0.5229-1.0472i	1.2659-0.8960i	1.5838+1.1265i	0.0422+0.0034i	-0.0694+0.0484i	-0.0138+0.1052i	-0.1194+0.0980i
38.4	-0.8983+0.0284i	-0.5430-1.0758i	1.1466-0.9927i	1.6026+1.0705i	0.0434-0.0084i	-0.0571+0.0362i	-0.0199+0.1204i	-0.1138+0.0967i
38.5	-0.8549+0.0681i	-0.5981-1.0466i	1.0641-1.0051i	1.5810+0.9791i	0.0386-0.0152i	-0.0673+0.0357i	0.0160+0.1266i	-0.1076+0.1100i
38.6	-0.8290+0.0831i	-0.6494-1.0508i	0.8960-1.0147i	1.5702+0.8782i	0.0251-0.0253i	-0.0900+0.0332i	0.0245+0.1440i	-0.1008+0.1270i
38.7	-0.7991+0.1178i	-0.7191-1.0519i	0.7345-1.1076i	1.5999+0.8196i	0.0212-0.0353i	-0.0999+0.0332i	0.0294+0.1481i	-0.0890+0.1275i
38.8	-0.7995+0.1371i	-0.7734-1.1013i	0.6532-1.2203i	1.6491+0.8418i	0.0012-0.0483i	-0.0996+0.0289i	0.0335+0.1541i	-0.0729+0.1373i
38.9	-0.7580+0.1214i	-0.8340-1.0529i	0.5646-1.1516i	1.6111+0.8079i	-0.0241-0.0482i	-0.1249+0.0518i	0.0293+0.1370i	-0.0638+0.1273i
39.0	-0.7217+0.1327i	-0.8911-1.0026i	0.4752-0.9950i	1.6002+0.7445i	-0.0300-0.0524i	-0.1352+0.0763i	0.0341+0.1261i	-0.0484+0.1221i
39.1	-0.7198+0.1082i	-0.8637-1.0091i	0.4325-0.9956i	1.5707+0.7826i	-0.0357-0.0506i	-0.1372+0.0857i	0.0415+0.1240i	-0.0479+0.1082i
39.2	-0.6747+0.0825i	-0.8948-0.9521i	0.4707-0.9715i	1.5280+0.8048i	-0.0508-0.0352i	-0.1662+0.1250i	0.0383+0.1132i	-0.0612+0.1011i
39.3	-0.6591+0.0723i	-0.9527-0.9163i	0.4874-0.9262i	1.6288+0.7597i	-0.0668-0.0150i	-0.1711+0.1499i	0.0376+0.1150i	-0.0509+0.1158i
39.4	-0.6768+0.0508i	-1.0070-0.9231i	0.3831-1.0190i	1.7102+0.7869i	-0.0656-0.0082i	-0.1440+0.1765i	0.0328+0.1084i	-0.0566+0.1116i
39.5	-0.6464+0.0253i	-1.0643-0.8494i	0.3171-0.9713i	1.7653+0.7205i	-0.0732-0.0040i	-0.1390+0.1928i	0.0435+0.1212i	-0.0400+0.1156i
39.6	-0.6403-0.0226i	-1.0766-0.8281i	0.2523-0.8432i	1.7662+0.7342i	-0.0758-0.0015i	-0.1127+0.2025i	0.0597+0.1253i	-0.0284+0.1144i
39.7	-0.6852-0.0399i	-1.1137-0.8094i	0.3188-0.8085i	1.7981+0.6894i	-0.0789+0.0072i	-0.0879+0.2205i	0.0678+0.1208i	-0.0364+0.1260i
39.8	-0.7044-0.0200i	-1.1711-0.7549i	0.2252-0.8405i	1.9041+0.6067i	-0.0730+0.0216i	-0.0663+0.2446i	0.0646+0.1307i	-0.0398+0.1244i
39.9	-0.7075-0.0059i	-1.1882-0.7081i	0.1236-0.7539i	1.9458+0.5243i	-0.0676+0.0271i	-0.0464+0.2560i	0.0856+0.1277i	-0.0369+0.1219i
40.0	-0.6799-0.0293i	-1.1598-0.6485i	0.1016-0.8036i	1.9100+0.4748i	-0.0636+0.0185i	-0.0321+0.2586i	0.0955+0.1180i	-0.0181+0.1199i
40.1	-0.7086-0.0412i	-1.1468-0.6381i	0.0703-0.8967i	1.9337+0.4382i	-0.0675+0.0200i	0.0015+0.2458i	0.0905+0.1122i	0.0023+0.1294i
40.2	-0.7418-0.0380i	-1.2061-0.5851i	0.0587-0.8779i	2.0155+0.3960i	-0.0724+0.0275i	0.0114+0.2516i	0.1012+0.0978i	-0.0159+0.1355i
40.3	-0.7405-0.0596i	-1.1850-0.5442i	0.1055-0.8020i	2.0010+0.3816i	-0.0691+0.0359i	0.0274+0.2449i	0.1140+0.0685i	-0.0116+0.1033i
40.4	-0.7227-0.1006i	-1.1848-0.5188i	0.0551-0.6743i	1.9465+0.2892i	-0.0629+0.0454i	0.0427+0.2557i	0.1294+0.0689i	-0.0045+0.0959i
40.5	-0.7817-0.1223i	-1.2005-0.5208i	0.0884-0.7311i	1.9659+0.3231i	-0.0559+0.0608i	0.0664+0.2552i	0.1183+0.0634i	-0.0087+0.1045i
40.6	-0.8394-0.0729i	-1.2129-0.4886i	0.0365-0.7249i	2.0368+0.2465i	-0.0466+0.0473i	0.1113+0.2454i	0.1067+0.0775i	-0.0013+0.1124i
40.7	-0.8398-0.0594i	-1.2412-0.4156i	-0.0365-0.6710i	2.0997+0.1201i	-0.0314+0.0434i	0.1260+0.2482i	0.0987+0.0746i	0.0057+0.1303i
40.8	-0.8602-0.0328i	-1.2076-0.3775i	-0.0245-0.7490i	2.0364+0.0214i	-0.0381+0.0378i	0.1269+0.2311i	0.1063+0.0561i	0.0121+0.1230i
40.9	-0.8932+0.0161i	-1.2023-0.3540i	0.0025-0.7314i	2.0675-0.0827i	-0.0447+0.0393i	0.1290+0.2204i	0.1044+0.0561i	0.0195+0.1084i
41.0	-0.8979+0.0365i	-1.2343-0.3435i	0.0064-0.6690i	2.0903-0.0592i	-0.0538+0.0567i	0.1346+0.2286i	0.1113+0.0492i	0.0288+0.0888i
41.1	-0.8745+0.0759i	-1.1996-0.3347i	0.1752-0.6522i	1.9933-0.1180i	-0.0480+0.0440i	0.1616+0.2243i	0.1177+0.0539i	0.0292+0.0876i
41.2	-0.8386+0.1159i	-1.2060-0.2814i	-0.0256-0.5722i	2.1132-0.2996i	-0.0347+0.0346i	0.1625+0.2035i	0.1100+0.0555i	0.0292+0.1004i
41.3	-0.8289+0.0234i	-1.1821-0.2108i	-0.0476-0.2039i	2.0137-0.5121i	-0.0408+0.0222i	0.1755+0.1979i	0.1223+0.0630i	0.0373+0.0959i
41.4	-0.9048+0.0467i	-1.2085-0.1875i	-0.1079-0.1410i	2.1280-0.5142i	-0.0340+0.0215i	0.1699+0.1743i	0.0922+0.0648i	0.0441+0.0746i
41.5	-0.8920+0.0775i	-1.1665-0.1735i	0.0019-0.2901i	2.0031-0.5284i	-0.0413+0.0282i	0.1853+0.1715i	0.1055+0.0515i	0.0409+0.0718i
41.6	-0.8467+0.1403i	-1.1751-0.1724i	-0.1007-0.3636i	1.9970-0.5712i	-0.0412+0.0397i	0.1763+0.1585i	0.1018+0.0475i	0.0389+0.0872i
41.7	-0.8673+0.1502i	-1.1434-0.1811i	0.0978-0.4584i	1.8933-0.4937i	-0.0549+0.0500i	0.1691+0.1403i	0.1085+0.0327i	0.0425+0.0798i
41.8	-0.8227+0.1598i	-1.1701-0.1324i	-0.0133-0.3925i	1.9044-0.6724i	-0.0448+0.0316i	0.1932+0.1517i	0.0990+0.0455i	0.0442+0.0796i
41.9	-0.8932+0.1823i	-1.1519-0.1707i	0.1706-0.5837i	1.8413-0.4780i	-0.0539+0.0525i	0.2023+0.1317i	0.1086+0.0138i	0.0303+0.0598i
42.0	-0.8591+0.1532i	-1.1030-0.1389i	0.2960-0.5102i	1.6833-0.5839i	-0.0609+0.0473i	0.2109+0.1366i	0.1296+0.0193i	0.0292+0.0584i
42.1	-0.8767+0.1889i	-1.1457-0.1043i	0.1833-0.4307i	1.7817-0.7757i	-0.0432+0.0281i	0.2148+0.1377i	0.1099+0.0531i	0.0343+0.0728i
42.2	-0.8156+0.3054i	-1.1860-0.0809i	-0.1649-0.4958i	1.9383-0.8449i	-0.0146+0.0223i	0.2144+0.1357i	0.0766+0.0864i	0.0352+0.0725i
42.3	-0.7238+0.2578i	-1.1284-0.0512i	-0.1339-0.3446i	1.7463-0.9149i	-0.0410+0.0083i	0.2218+0.1448i	0.1269+0.0871i	0.0550+0.0782i
42.4	-0.7716+0.2415i	-1.0907-0.0230i	0.0583-0.2996i	1.6405-1.0058i	-0.0622-0.0078i	0.2491+0.1271i	0.1737+0.0915i	0.0778+0.0820i
42.5	-0.6759+0.2566i	-1.0759-0.0087i	0.0180-0.2515i	1.5270-1.1619i	-0.0842-0.0250i	0.2705+0.1400i	0.2246+0.1026i	0.0895+0.0900i
42.6	-0.6227+0.2232i	-1.0105-0.0244i	0.1577-0.2775i	1.2368-1.0539i	-0.1158+0.0005i	0.3044+0.1078i	0.2887+0.0383i	0.1010+0.0798i
42.7	-0.5943+0.1817i	-1.0499-0.0722i	-0.0460-0.2576i	1.4147-0.9529i	-0.0978+0.0252i	0.3034+0.0670i	0.2223-0.0106i	0.0906+0.0549i
42.8	-0.6418+0.1265i	-1.0542-0.0962i	0.0784-0.3012i	1.3918-0.8007i	-0.0985+0.0547i	0.3008+0.0227i	0.1575-0.0818i	0.0783+0.0232i
42.9	-0.6749+0.1321i	-1.0483-0.0318i	0.2285-0.2602i	1.3093-0.9820i	-0.0991+0.0380i	0.2939+0.0446i	0.1927-0.0305i	0.0729+0.0354i
43.0	-0.6341+0.1776i	-1.0461-0.0413i	0.0931-0.3599i	1.3804-1.0611i	-0.1084+0.0457i	0.3008+0.0456i	0.1788-0.0360i	0.0852+0.0316i
43.1	-0.5537+0.1801i	-1.0478-0.0213i	-0.0151-0.2983i	1.2871-1.2586i	-0.1144+0.0508i	0.3224+0.0165i	0.1952-0.0546i	0.1052+0.0170i
43.2	-0.4338+0.1103i	-1.0505-0.0059i	-0.1326-0.1133i	1.1576-1.2549i	-0.1187+0.0585i	0.3114-0.0058i	0.1876-0.0536i	0.0973-0.0019i
43.3	-0.5168-0.0248i	-1.0819-0.0274i	-0.0343+0.0079i	1.1080-1.1426i	-0.1162+0.0869i	0.3205-0.0271i	0.1584-0.0674i	0.0842-0.0151i
43.4	-0.6519-0.0377i	-1.0437-0.0594i	0.2749-0.0509i	0.8999-0.8862i	-0.1303+0.1157i	0.2931-0.0388i	0.1339-0.1309i	0.0744-0.0419i

43.5	-0.6948-0.0198i	-1.0511-0.0384i	0.3495-0.0679i	1.0036-0.8126i	-0.1091+0.1204i	0.2781-0.0458i	0.0881-0.1250i	0.0654-0.0460i
43.6	-0.7252+0.0635i	-1.0661-0.0147i	0.3601-0.2778i	1.1515-0.9441i	-0.1058+0.1262i	0.3050-0.0473i	0.0993-0.0796i	0.0765-0.0412i
43.7	-0.6482+0.0973i	-1.0283-0.0149i	0.3127-0.3179i	0.9290-0.9697i	-0.1116+0.1595i	0.3196-0.0936i	0.1218-0.1517i	0.0674-0.0678i
43.8	-0.5620-0.0019i	-1.0587-0.0352i	0.1837-0.1742i	1.0129-0.9165i	-0.0842+0.1434i	0.2894-0.1170i	0.0626-0.1261i	0.0567-0.0659i
43.9	-0.6139-0.0851i	-1.0730+0.0204i	0.2181+0.0095i	0.9968-1.1679i	-0.0939+0.1303i	0.2725-0.1200i	0.1193-0.0443i	0.0648-0.0705i
44.0	-0.6735-0.0797i	-1.1197-0.0006i	0.2326-0.0475i	1.0866-1.1553i	-0.0701+0.1540i	0.2307-0.1232i	0.1158+0.0048i	0.0450-0.0882i
44.1	-0.7544-0.0982i	-1.1584-0.0084i	0.3472-0.0456i	1.2043-1.0924i	-0.0447+0.1530i	0.2255-0.1298i	0.1042+0.0161i	0.0309-0.0715i
44.2	-0.8099-0.0225i	-1.1178+0.0591i	0.5590-0.1322i	0.9795-1.2402i	-0.0499+0.1496i	0.2255-0.1415i	0.1388-0.0441i	0.0171-0.0833i
44.3	-0.7979+0.0897i	-1.0972+0.0834i	0.5710-0.3509i	0.7583-1.4570i	-0.0497+0.1475i	0.2304-0.1474i	0.1691-0.1146i	0.0161-0.1060i
44.4	-0.7078+0.1161i	-1.0998+0.0579i	0.4038-0.4059i	0.6910-1.3512i	-0.0324+0.1405i	0.2152-0.1696i	0.1295-0.1069i	-0.0003-0.1087i
44.5	-0.6333+0.0393i	-1.1346+0.0543i	0.2313-0.2574i	0.7011-1.3234i	-0.0020+0.1231i	0.2151-0.1812i	0.1339-0.1016i	-0.0236-0.0969i
44.6	-0.6574+0.0228i	-1.1546+0.0103i	0.2269-0.2665i	0.7660-1.1465i	0.0042+0.1281i	0.1970-0.1940i	0.0969-0.0659i	-0.0411-0.0843i
44.7	-0.6240-0.0250i	-1.1397+0.0241i	0.3179-0.1647i	0.5388-1.0692i	0.0148+0.0925i	0.1817-0.2041i	0.0957-0.0954i	-0.0446-0.0734i
44.8	-0.6206-0.0980i	-1.1188+0.0484i	0.4600-0.0531i	0.2690-1.0366i	-0.0050+0.0974i	0.1807-0.1939i	0.0966-0.1267i	-0.0538-0.0899i
44.9	-0.7182-0.1417i	-1.1548+0.0851i	0.6770-0.0399i	0.2020-1.0051i	-0.0324+0.0870i	0.1633-0.1828i	0.1085-0.1013i	-0.0503-0.0679i
45.0	-0.7549-0.0880i	-1.1603+0.1484i	0.8211-0.1852i	0.2187-1.2170i	-0.0375+0.0906i	0.1658-0.1799i	0.1559-0.1123i	-0.0416-0.0684i
45.1	-0.7477-0.0011i	-1.1660+0.1799i	0.7687-0.3761i	0.0916-1.2459i	-0.0488+0.0903i	0.1407-0.1972i	0.1598-0.1607i	-0.0610-0.0807i
45.2	-0.6814+0.0079i	-1.1955+0.1638i	0.6099-0.5767i	0.2242-0.9228i	-0.0325+0.0864i	0.1234-0.1867i	0.1326-0.1472i	-0.0783-0.0600i
45.3	-0.6622-0.0096i	-1.1903+0.1785i	0.4546-0.5762i	0.2836-1.0062i	-0.0267+0.0789i	0.1451-0.1764i	0.1753-0.1654i	-0.0754-0.0636i
45.4	-0.5839-0.0407i	-1.2318+0.1631i	0.2214-0.4245i	0.4094-1.0728i	-0.0260+0.0484i	0.1457-0.1858i	0.2090-0.1918i	-0.0711-0.0629i
45.5	-0.6190-0.1574i	-1.2250+0.1294i	0.4367-0.3459i	0.3307-0.8412i	-0.0613+0.0530i	0.1033-0.1866i	0.1387-0.1886i	-0.0681-0.0497i
45.6	-0.6759-0.1939i	-1.1853+0.1412i	0.5955-0.3302i	0.2211-0.6634i	-0.0817+0.0898i	0.1048-0.1826i	0.1382-0.2031i	-0.0852-0.0556i
45.7	-0.6608-0.2188i	-1.1732+0.1774i	0.6572-0.2568i	0.0639-0.7825i	-0.0997+0.1019i	0.1319-0.2095i	0.1216-0.2840i	-0.0685-0.0670i
45.8	-0.7081-0.2550i	-1.1906+0.2058i	0.7012-0.4893i	-0.1155-0.7922i	-0.1050+0.1289i	0.0821-0.2386i	0.0672-0.3196i	-0.0798-0.0780i
45.9	-0.7697-0.2197i	-1.1882+0.1908i	0.6816-0.8506i	-0.1829-0.4720i	-0.0949+0.1843i	0.0198-0.2418i	0.0164-0.3135i	-0.1113-0.0873i
46.0	-0.7437-0.2153i	-1.2075+0.1906i	0.4721-0.7724i	0.0039-0.4073i	-0.0558+0.1846i	0.0210-0.2189i	-0.0081-0.3028i	-0.1285-0.0652i
46.1	-0.7725-0.2326i	-1.2059+0.1848i	0.4326-0.7684i	-0.1008-0.3295i	-0.0487+0.1697i	0.0074-0.2501i	-0.0685-0.3162i	-0.1219-0.0560i
46.2	-0.7336-0.2324i	-1.2629+0.1830i	0.3052-0.6621i	0.0370-0.2298i	-0.0243+0.1336i	-0.0163-0.2437i	-0.0666-0.3734i	-0.1360-0.0424i
46.3	-0.7878-0.3306i	-1.2729+0.2302i	0.5543-0.5813i	0.0989-0.3269i	-0.0343+0.1637i	-0.0448-0.2423i	-0.1299-0.3619i	-0.1307-0.0528i
46.4	-0.8748-0.3081i	-1.2614+0.2422i	0.4849-0.8028i	-0.1293-0.1812i	-0.0451+0.1784i	-0.1353-0.2254i	-0.2298-0.3062i	-0.1350-0.0542i
46.5	-0.8715-0.2506i	-1.3166+0.2548i	0.2260-0.8820i	0.0623-0.0329i	-0.0435+0.1432i	-0.1513-0.1218i	-0.2428-0.2276i	-0.1377-0.0320i
46.6	-0.8772-0.2569i	-1.3205+0.2715i	0.1317-0.8174i	0.2948+0.0166i	-0.0363+0.1476i	-0.1131-0.0495i	-0.2301-0.1763i	-0.1575-0.0160i
46.7	-0.8607-0.2841i	-1.3103+0.3143i	0.0549-0.5864i	0.3013+0.0010i	-0.0335+0.1631i	-0.0761-0.0008i	-0.2345-0.1402i	-0.1622-0.0021i
46.8	-0.8590-0.3425i	-1.2983+0.3279i	0.1490-0.4532i	0.2347-0.0554i	-0.0447+0.1821i	-0.0645-0.0092i	-0.2468-0.1355i	-0.1597-0.0038i
46.9	-0.9385-0.3643i	-1.3234+0.3267i	0.3017-0.5190i	0.3120-0.0196i	-0.0375+0.1755i	-0.0760-0.0326i	-0.2650-0.1034i	-0.1645+0.0030i
47.0	-0.9381-0.2824i	-1.3385+0.3624i	0.1873-0.6082i	0.2241+0.0539i	-0.0189+0.2082i	-0.0929+0.0055i	-0.2627-0.0510i	-0.1835-0.0023i
47.1	-0.8366-0.2582i	-1.3751+0.3797i	-0.0319-0.4658i	0.4051+0.1275i	-0.0284+0.2023i	-0.0541+0.0618i	-0.2418-0.0062i	-0.1754+0.0170i
47.2	-0.8581-0.3586i	-1.4144+0.4465i	0.0325-0.1681i	0.6197-0.1303i	-0.0270+0.1904i	0.0132+0.0905i	-0.1720+0.0283i	-0.1642+0.0240i
47.3	-0.9147-0.3609i	-1.3965+0.4918i	0.1465-0.1715i	0.6029-0.2568i	-0.0301+0.1835i	0.0342+0.0608i	-0.1423+0.0342i	-0.1478+0.0312i
47.4	-0.9464-0.3832i	-1.3539+0.5374i	0.2371-0.1798i	0.4598-0.2716i	-0.0214+0.1881i	0.0520+0.0470i	-0.1154+0.0456i	-0.1313+0.0446i
47.5	-0.9409-0.4641i	-1.2884+0.5284i	0.3852-0.0878i	0.3079-0.1850i	-0.0114+0.1885i	0.0545+0.0579i	-0.1001+0.0426i	-0.1335+0.0424i
47.6	-1.1097-0.6039i	-1.2647+0.4665i	0.6908-0.2141i	0.2657+0.0434i	-0.0067+0.2131i	0.0278+0.0783i	-0.0751+0.0769i	-0.1508+0.0433i
47.7	-1.3279-0.4681i	-1.3105+0.4759i	0.6595-0.5236i	0.4175+0.2347i	0.0227+0.2353i	0.0338+0.0862i	-0.0219+0.0785i	-0.1583+0.0364i
47.8	-1.2651-0.1903i	-1.3764+0.4869i	0.1690-0.6679i	0.7282-0.0575i	0.0479+0.1931i	0.0628+0.1006i	0.0470+0.0475i	-0.1462+0.0382i
47.9	-1.1274-0.2573i	-1.3930+0.5229i	0.1525-0.3031i	0.6980-0.1855i	0.0251+0.1726i	0.0953+0.0927i	0.0398+0.0022i	-0.1280+0.0314i
48.0	-1.2751-0.2822i	-1.3753+0.4965i	0.3592-0.4692i	0.5959+0.1912i	0.0392+0.1989i	0.0929+0.0852i	0.0293-0.0144i	-0.1599+0.0398i
48.1	-1.1945-0.1596i	-1.4106+0.5037i	0.1619-0.4720i	0.8343+0.1740i	0.0729+0.1713i	0.1242+0.0741i	0.0622-0.0395i	-0.1802+0.0537i
48.2	-1.1450-0.2166i	-1.4331+0.5313i	0.1850-0.3489i	0.8036+0.0927i	0.0494+0.1671i	0.1014+0.0848i	0.0044-0.0903i	-0.1622+0.0675i
48.3	-1.0674-0.2568i	-1.4519+0.5297i	0.1838-0.2888i	0.8593+0.1580i	0.0356+0.1574i	0.1195+0.1046i	-0.0114-0.1348i	-0.1576+0.0841i
48.4	-1.0560-0.3602i	-1.4662+0.5578i	0.2656-0.1631i	0.7656-0.0871i	0.0187+0.1613i	0.1537+0.1198i	0.0024-0.1127i	-0.1557+0.0678i
48.5	-1.1731-0.4444i	-1.4551+0.5881i	0.5181-0.1346i	0.7002-0.0785i	0.0037+0.1849i	0.1751+0.1308i	-0.0326-0.1034i	-0.1424+0.0556i
48.6	-1.3609-0.3780i	-1.4511+0.6094i	0.6064-0.3388i	0.6483+0.0939i	0.0091+0.1660i	0.2088+0.1383i	-0.0695-0.1334i	-0.1379+0.0740i
48.7	-1.4038-0.2771i	-1.4764+0.5772i	0.5294-0.5704i	0.8401+0.2214i	0.0106+0.1526i	0.2028+0.1419i	-0.1306-0.1734i	-0.1166+0.1084i
48.8	-1.3348-0.1723i	-1.4864+0.5746i	0.4082-0.5390i	0.8845+0.3855i	0.0058+0.1771i	0.2263+0.1452i	-0.1443-0.1780i	-0.1383+0.1094i
48.9	-1.2141-0.2013i	-1.5290+0.6101i	0.3564-0.3723i	0.8940+0.2362i	0.0056+0.1949i	0.2992+0.1373i	-0.0993-0.1397i	-0.1538+0.0916i
49.0	-1.1540-0.3092i	-1.5884+0.6137i	0.3749-0.1772i	0.9899+0.2381i	0.0109+0.2166i	0.3297+0.1169i	-0.0993-0.0911i	-0.1606+0.0768i
49.1	-1.1896-0.4340i	-1.6873+0.6259i	0.4351-0.0900i	1.1234+0.1519i	0.0285+0.2261i	0.3555+0.0808i	-0.1070-0.0821i	-0.1765+0.0565i
49.2	-1.2938-0.5802i	-1.7161+0.6845i	0.6718-0.0685i	1.0804+0.0807i	0.0324+0.2213i	0.3744+0.0272i	-0.1494-0.0825i	-0.1938+0.0822i
49.3	-1.4823-0.6309i	-1.6968+0.7963i	0.9436-0.1030i	0.7568+0.2114i	0.0262+0.2491i	0.3842+0.0163i	-0.1932-0.0656i	-0.2061+0.1129i
49.4	-1.5989-0.3757i	-1.7349+0.8713i	0.8523-0.3405i	0.6766+0.0838i	0.0299+0.2385i	0.3994+0.0264i	-0.1428-0.0848i	-0.1755+0.1319i
49.5	-1.5100-0.2309i	-1.7834+0.8410i	0.6820-0.4696i	1.1037+0.1362i	0.0592+0.2163i	0.4157+0.0030i	-0.1096-0.0785i	-0.1752+0.1555i
49.6	-1.4706-0.3134i	-1.8451+0.8285i	0.8038-0.3890i	1.3245+0.1486i	0.0577+0.2119i	0.4245-0.0406i	-0.1183-0.0408i	-0.1752+0.1550i
49.7	-1.6700-0.4089i	-1.9568+0.8890i	0.9614-0.3921i	1.4453+0.1278i	0.0759+0.2357i	0.4428-0.0512i	-0.1182+0.0379i	-0.1834+0.1592i

49.8	−1.8979−0.2370i	−1.9685+0.9308i	1.1427−0.6762i	1.4405+0.3818i	0.0941+0.2418i	0.4265−0.0504i	−0.1095+0.0223i	−0.1774+0.1982i
49.9	−1.7249−0.0449i	−2.0201+0.9891i	0.8371−0.7447i	1.4527+0.3329i	0.0914+0.2359i	0.4280−0.0524i	−0.0696−0.0532i	−0.1691+0.1964i
50.0	−1.5695−0.1633i	−2.0028+1.0779i	0.8160−0.5671i	1.3243+0.2335i	0.0911+0.2369i	0.4470−0.0976i	−0.0839−0.0647i	−0.1813+0.1915i
50.1	−1.6789−0.1747i	−1.9801+1.1888i	1.0777−0.6270i	1.2781+0.3828i	0.0920+0.2301i	0.4484−0.1594i	−0.0914−0.0484i	−0.1707+0.2097i
50.2	−1.6940−0.0212i	−2.0602+1.2488i	0.9885−0.9262i	1.6145+0.3872i	0.1110+0.2401i	0.4395−0.1473i	−0.0601−0.0144i	−0.1338+0.2218i
50.3	−1.5794−0.0020i	−2.1008+1.2873i	0.7034−0.9168i	1.9168+0.3515i	0.1203+0.2490i	0.4450−0.1281i	−0.0846−0.0047i	−0.1084+0.2336i
50.4	−1.4730−0.1034i	−2.1441+1.3902i	0.6855−0.6558i	1.9265+0.2306i	0.1276+0.2592i	0.5015−0.1590i	−0.1157−0.0176i	−0.1209+0.2144i
50.5	−1.4860−0.1501i	−2.2436+1.4393i	0.8009−0.6042i	2.0314+0.0544i	0.1488+0.2318i	0.5089−0.1944i	−0.0787−0.0366i	−0.1254+0.2261i
50.6	−1.4804−0.1653i	−2.3225+1.5941i	0.7549−0.5711i	2.0231−0.0391i	0.1497+0.2116i	0.5251−0.1896i	−0.0996−0.0392i	−0.0979+0.2326i
50.7	−1.4573−0.3389i	−2.3083+1.8287i	0.8620−0.4490i	1.8936−0.0573i	0.1457+0.2282i	0.5301−0.2711i	−0.1178−0.0421i	−0.1086+0.2387i
50.8	−1.6790−0.5131i	−2.2406+1.8518i	1.1264−0.4842i	2.1009+0.0711i	0.1738+0.2204i	0.5035−0.2834i	−0.1114−0.0549i	−0.1112+0.2756i
50.9	−1.8396−0.3105i	−2.2179+2.0279i	1.2775−0.7310i	2.1246−0.0391i	0.1590+0.2144i	0.5204−0.2994i	−0.1191−0.0559i	−0.0810+0.2715i
51.0	−1.7296−0.2499i	−2.1776+2.1563i	1.1859−0.7389i	2.1557+0.1538i	0.1597+0.2410i	0.5151−0.3409i	−0.1345−0.0185i	−0.0697+0.2647i
51.1	−1.8017−0.3836i	−2.1211+2.3033i	1.3361−0.6264i	2.3136+0.2447i	0.1836+0.2483i	0.5092−0.3883i	−0.1477+0.0252i	−0.0693+0.2754i
51.2	−1.9703−0.3726i	−2.1223+2.4192i	1.5276−0.8357i	2.5418−0.0469i	0.1707+0.2441i	0.5650−0.4204i	−0.1070+0.0087i	−0.0134+0.3067i
51.3	−2.0871−0.2749i	−2.0349+2.4993i	1.5746−1.1389i	2.5076−0.0510i	0.1848+0.2821i	0.5510−0.4759i	−0.0859+0.0211i	0.0117+0.3049i
51.4	−2.0299−0.0646i	−2.0545+2.6430i	1.3650−1.3123i	2.6173−0.3149i	0.2348+0.3037i	0.5627−0.5194i	−0.0405+0.0330i	0.0077+0.2682i
51.5	−1.8883−0.1483i	−1.9573+2.7676i	1.3848−1.1287i	2.5934−0.4767i	0.2653+0.2625i	0.5277−0.5761i	0.0255+0.0251i	−0.0127+0.2645i
51.6	−2.0576−0.1623i	−1.8727+2.8303i	1.5999−1.3218i	2.7078−0.4025i	0.2865+0.2100i	0.4755−0.6042i	0.0922−0.0413i	0.0029+0.3013i
51.7	−1.9868−0.0436i	−1.8570+3.0596i	1.4622−1.5245i	3.0525−0.6510i	0.3201+0.1360i	0.4531−0.6400i	0.1004−0.1834i	0.0378+0.2895i
51.8	−1.9055−0.0759i	−1.7939+3.1146i	1.3953−1.4845i	3.1014−0.8586i	0.3120+0.1025i	0.4452−0.6719i	0.0684−0.2229i	0.0480+0.2904i
51.9	−1.9361−0.2968i	−1.6761+3.1962i	1.5599−1.3926i	3.1056−1.0600i	0.2852+0.0605i	0.4393−0.7380i	0.0327−0.2840i	0.0420+0.2717i
52.0	−2.3083−0.5438i	−1.5785+3.3275i	1.9699−1.6819i	3.1929−0.9217i	0.2963+0.0777i	0.3810−0.8600i	0.0155−0.3428i	0.0563+0.3018i
52.1	−2.5728−0.2330i	−1.4510+3.4795i	1.6990−2.3124i	3.3944−1.2535i	0.3219+0.0279i	0.2460−0.8925i	−0.0216−0.4327i	0.1212+0.3093i
52.2	−2.5761+0.1088i	−1.3265+3.5829i	1.3280−2.7788i	3.6777−1.7184i	0.2805−0.0238i	0.1396−0.8949i	−0.1036−0.4885i	0.1729+0.2516i
52.3	−2.3397+0.1129i	−1.2458+3.6442i	0.7298−2.6077i	3.5742−2.1916i	0.2264−0.0385i	0.0699−0.8114i	−0.2516−0.5523i	0.1733+0.2056i
52.4	−2.4895−0.2342i	−1.2099+3.7127i	0.6769−2.0823i	3.3012−2.2428i	0.1518−0.0723i	0.0606−0.7612i	−0.4113−0.5273i	0.1446+0.1701i
52.5	−2.9659−0.0284i	−1.1908+3.8318i	1.1514−2.1184i	3.2467−2.1323i	0.1082−0.0399i	0.1221−0.7637i	−0.5215−0.4749i	0.1241+0.1678i
52.6	−2.7949+0.5018i	−1.0507+3.9713i	1.0511−2.5640i	3.3604−2.1939i	0.0995−0.0103i	0.1812−0.7903i	−0.6366−0.4523i	0.1284+0.1750i
52.7	−2.3372+0.2763i	−0.8305+4.1048i	0.6374−2.3699i	3.1919−2.6587i	0.0432+0.0159i	0.1428−0.9010i	−0.7443−0.3619i	0.1058+0.2252i
52.8	−2.6901+0.0728i	−0.5435+4.2819i	0.8221−2.3726i	3.1577−2.7014i	0.0458+0.0586i	−0.0361−0.9788i	−0.8011−0.2148i	0.1664+0.2653i
52.9	−2.8770+0.1758i	−0.2553+4.4028i	0.7817−2.5513i	3.0180−3.0194i	0.0466+0.1237i	−0.1711−0.9770i	−0.8305−0.0514i	0.2266+0.2319i
53.0	−3.1651+0.3662i	−0.0578+4.4743i	0.6080−2.9337i	2.9861−3.4775i	0.0933+0.1531i	−0.3302−0.9687i	−0.8479+0.0376i	0.2931+0.2116i
53.1	−3.2291+0.8213i	0.1264+4.4811i	0.1010−3.1393i	2.7034−3.7338i	0.1075+0.1610i	−0.4180−0.8157i	−0.8782+0.1110i	0.3739+0.1523i
53.2	−2.9472+1.3429i	0.3238+4.5059i	−0.4653−2.9842i	2.4386−4.0693i	0.0914+0.1431i	−0.4120−0.6827i	−0.8614+0.2145i	0.3406+0.0404i
53.3	−2.4138+1.1530i	0.5989+4.5440i	−0.5662−2.2708i	2.2301−4.3237i	0.0438+0.1513i	−0.3094−0.6618i	−0.9086+0.3307i	0.2640−0.0294i
53.4	−2.6234+0.5887i	0.9958+4.5017i	0.2799−1.8765i	1.6472−4.6435i	0.0700+0.2469i	−0.3359−0.7645i	−0.8040+0.4947i	0.2008+0.0274i
53.5	−3.0348+0.9077i	1.2341+4.1781i	0.3645−2.6422i	1.2347−4.3770i	0.1689+0.2410i	−0.5052−0.6776i	−0.7135+0.5255i	0.2497+0.0479i
53.6	−2.8710+1.1431i	1.2947+3.9498i	−0.2275−2.6472i	0.8668−4.0181i	0.2177+0.1948i	−0.5216−0.4446i	−0.7202+0.5280i	0.2800−0.0107i
53.7	−2.8222+1.0938i	1.3867+3.9704i	−0.1957−2.2132i	0.6098−3.9133i	0.1856+0.1517i	−0.3839−0.3651i	−0.6697+0.6577i	0.2796−0.0558i
53.8	−3.0488+1.2057i	1.5995+3.9394i	0.1470−2.1869i	0.3621−3.9611i	0.1559+0.1596i	−0.3369−0.4314i	−0.5446+0.7599i	0.2390−0.0764i
53.9	−3.2070+1.6238i	1.7377+3.7758i	0.2728−2.5792i	0.3191−3.7589i	0.1768+0.2066i	−0.3790−0.4799i	−0.3837+0.8011i	0.2186−0.1171i
54.0	−3.1050+1.9739i	1.8644+3.6457i	0.2850−2.9005i	0.1579−3.4682i	0.2101+0.2429i	−0.4030−0.4460i	−0.2715+0.8036i	0.1992−0.1549i
54.1	−2.6274+2.2272i	1.9978+3.4869i	−0.2590−3.0763i	−0.1133−3.3666i	0.2077+0.2031i	−0.4274−0.4072i	−0.2143+0.7518i	0.1914−0.1726i
54.2	−2.3811+2.1143i	2.1276+3.3022i	−0.5402−2.7571i	−0.2293−3.3475i	0.1786+0.1766i	−0.4807−0.3751i	−0.1303+0.7486i	0.1841−0.2161i
54.3	−2.3478+2.3550i	2.1786+3.2472i	−0.5400−2.8274i	−0.2166−3.3894i	0.1984+0.1915i	−0.4558−0.3004i	−0.0725+0.7424i	0.1437−0.2784i
54.4	−2.0383+2.5377i	2.2484+3.1218i	−0.7897−2.9109i	−0.2395−3.2343i	0.2070+0.1945i	−0.4220−0.2408i	−0.0208+0.7124i	0.0831−0.3374i
54.5	−1.6481+2.5984i	2.3201+3.0026i	−1.1530−2.8663i	−0.2375−3.0786i	0.2188+0.2215i	−0.3667−0.1604i	−0.0084+0.6706i	0.0551−0.3595i
54.6	−1.2800+2.3236i	2.3372+2.8620i	−1.3529−2.4139i	−0.2460−2.9519i	0.2324+0.2145i	−0.2622−0.1193i	−0.0177+0.6821i	−0.0369−0.3612i
54.7	−1.2822+1.9697i	2.3701+2.7400i	−1.0202−2.0258i	−0.2477−2.7324i	0.2537+0.2271i	−0.1880−0.1776i	0.0303+0.6928i	−0.1326−0.3310i
54.8	−1.3562+1.9499i	2.5033+2.5665i	−0.7006−2.2344i	−0.4075−2.7196i	0.2704+0.2560i	−0.2139−0.2042i	0.1687+0.6144i	−0.2057−0.2688i
54.9	−1.1764+2.0004i	2.4800+2.3809i	−0.8984−2.5734i	−0.5135−2.5579i	0.2789+0.2571i	−0.2501−0.1594i	0.1637+0.5227i	−0.2106−0.2470i
55.0	−0.9964+1.8836i	2.4078+2.2729i	−1.1043−2.5051i	−0.5236−2.5134i	0.2877+0.2487i	−0.2116−0.1631i	0.1148+0.5349i	−0.2086−0.2618i
55.1	−0.9625+1.7150i	2.3749+2.1349i	−1.0975−2.4605i	−0.2208−2.2239i	0.3572+0.2382i	−0.1721−0.2013i	0.1131+0.4928i	−0.2366−0.1698i
55.2	−0.9078+1.5886i	2.4575+2.0941i	−1.1928−2.4383i	−0.1922−2.0957i	0.3943+0.2642i	−0.1401−0.1830i	0.1209+0.4792i	−0.2763−0.1545i
55.3	−0.7485+1.4035i	2.4584+1.9749i	−1.4603−2.2162i	−0.4842−2.0030i	0.4295+0.2638i	−0.1383−0.1549i	0.1369+0.5058i	−0.2893−0.1816i
55.4	−0.8156+1.3447i	2.4214+1.9133i	−1.5214−2.1045i	−0.2886−2.4207i	0.4132+0.2199i	−0.0934−0.1659i	0.2016+0.5439i	−0.3539−0.1697i
55.5	−0.9893+1.1568i	2.3971+1.8230i	−1.1749−1.9496i	−0.0849−2.1588i	0.4516+0.2030i	−0.0220−0.1768i	0.2287+0.5066i	−0.3784−0.1077i
55.6	−0.9488+1.0901i	2.4477+1.7291i	−1.2369−1.9489i	−0.3488−1.9621i	0.5165+0.2127i	−0.0019−0.1939i	0.2992+0.4821i	−0.4422−0.0764i
55.7	−0.9253+1.0752i	2.4679+1.6443i	−1.3600−1.9461i	−0.3286−2.0852i	0.5704+0.1698i	0.0469−0.2273i	0.3272+0.4765i	−0.4414−0.0411i
55.8	−0.9707+1.0435i	2.4551+1.6135i	−1.3990−1.9368i	−0.0863−2.2193i	0.6285+0.0729i	0.1010−0.3248i	0.3606+0.4407i	−0.4854+0.0396i
55.9	−0.9862+0.9508i	2.4251+1.5818i	−1.4221−1.8396i	−0.3210−2.2361i	0.6170+0.0533i	0.1167−0.3686i	0.4071+0.3894i	−0.5275+0.0919i
56.0	−1.0755+0.8061i	2.4277+1.4538i	−1.2341−1.6417i	−0.3357−2.0304i	0.6562−0.0180i	0.1228−0.4531i	0.4207+0.3354i	−0.5480+0.1991i

56.1	−1.2005+0.7938i	2.4510+1.3969i	−1.0838−1.8352i	−0.3836−1.9167i	0.6435−0.0727i	0.0002−0.5229i	0.4340+0.2604i	−0.4554+0.2617i
56.2	−1.2377+0.8255i	2.4106+1.2474i	−1.2063−1.9192i	−0.2974−1.8531i	0.6243−0.1463i	−0.0631−0.5097i	0.4463+0.2321i	−0.4037+0.2602i
56.3	−1.3147+0.7675i	2.2720+1.2449i	−1.2028−1.8956i	0.0137−1.8657i	0.6001−0.1972i	−0.0312−0.5157i	0.4173+0.2211i	−0.3991+0.3021i
56.4	−1.3545+0.7292i	2.2322+1.2406i	−1.2070−1.8560i	−0.1122−1.9159i	0.5467−0.2113i	−0.0660−0.5290i	0.4072+0.2039i	−0.4086+0.3384i
56.5	−1.3656+0.6683i	2.2100+1.2939i	−1.2916−1.8090i	−0.3127−1.8955i	0.5229−0.2061i	−0.0964−0.5494i	0.3986+0.1766i	−0.4152+0.3318i
56.6	−1.4067+0.6360i	2.1904+1.3202i	−1.2900−1.7536i	−0.3557−1.9063i	0.5131−0.2348i	−0.1161−0.5876i	0.3970+0.1272i	−0.3754+0.3626i
56.7	−1.4949+0.6465i	2.1557+1.2985i	−1.2943−1.7786i	−0.1608−1.8610i	0.4921−0.2896i	−0.1589−0.6291i	0.3887+0.0814i	−0.3426+0.4285i
56.8	−1.5873+0.6682i	2.1953+1.2340i	−1.2930−1.8296i	−0.2486−1.7516i	0.4511−0.3189i	−0.2232−0.6306i	0.3969+0.0291i	−0.3701+0.4791i
56.9	−1.6783+0.7736i	2.1442+1.1744i	−1.2980−1.9136i	0.1130−1.8029i	0.3931−0.3849i	−0.2845−0.6661i	0.3941+0.0454i	−0.3257+0.4667i
57.0	−1.6555+0.7965i	2.0849+1.1773i	−1.3214−1.9007i	0.0643−1.7808i	0.3665−0.3768i	−0.2629−0.6974i	0.3725+0.0026i	−0.3043+0.5192i
57.1	−1.6165+0.7817i	2.1735+1.1616i	−1.2796−1.7960i	−0.0622−1.7950i	0.3053−0.3758i	−0.3164−0.7384i	0.3534−0.0545i	−0.2605+0.6123i
57.2	−1.6884+0.8353i	2.1831+1.1390i	−1.2674−1.9626i	0.1270−2.0716i	0.2364−0.3560i	−0.4542−0.7271i	0.3183−0.0618i	−0.1836+0.6065i
57.3	−1.8059+0.8306i	2.2416+1.2155i	−1.3272−2.1281i	0.1679−2.0198i	0.2703−0.3434i	−0.5390−0.6611i	0.2678−0.0825i	−0.1347+0.5703i
57.4	−1.7739+0.8856i	2.2449+1.1818i	−1.4987−2.1740i	0.1708−2.1234i	0.2236−0.3130i	−0.5709−0.5792i	0.2546−0.0893i	−0.1393+0.5541i
57.5	−1.7566+0.9302i	2.2425+1.0433i	−1.6013−2.1654i	0.4106−2.1785i	0.1723−0.3240i	−0.5926−0.5080i	0.2015−0.1169i	−0.1041+0.5266i
57.6	−1.7752+0.9054i	2.3196+1.0497i	−1.7208−2.0963i	0.2817−2.1032i	0.1883−0.3311i	−0.6031−0.4916i	0.1748−0.1297i	−0.1125+0.5748i
57.7	−1.7684+0.8881i	2.3104+1.0990i	−1.8550−2.0744i	0.2745−2.2189i	0.1810−0.3245i	−0.6167−0.4787i	0.1340−0.1229i	−0.0929+0.6242i
57.8	−1.7817+0.8846i	2.3267+1.0816i	−1.9920−1.9432i	0.2878−2.2393i	0.1754−0.3211i	−0.6309−0.4193i	0.0854−0.1065i	−0.0298+0.6417i
57.9	−1.7890+0.8609i	2.3708+1.0893i	−2.0039−1.7879i	0.2753−2.3458i	0.1715−0.3138i	−0.6191−0.3855i	0.0348−0.0965i	0.0034+0.6566i
58.0	−1.8378+0.7754i	2.4543+1.0021i	−1.9159−1.6506i	0.3073−2.2782i	0.1744−0.3004i	−0.6324−0.3618i	0.0023−0.0847i	0.0752+0.6487i
58.1	−1.9615+0.7372i	2.4603+0.8844i	−1.8533−1.6288i	0.2370−2.2374i	0.1750−0.2530i	−0.6510−0.2758i	−0.0126−0.0392i	0.1074+0.6850i
58.2	−2.0578+0.8264i	2.4315+0.8580i	−1.9057−1.7676i	0.2395−2.1743i	0.2073−0.2722i	−0.5903−0.2826i	−0.0040+0.0090i	0.0967+0.6678i
58.3	−1.9071+0.9932i	2.4793+0.8306i	−2.2823−1.6117i	0.2509−2.4498i	0.1651−0.3520i	−0.5543−0.3192i	−0.0034+0.0348i	0.1954+0.6985i
58.4	−1.8729+0.9115i	2.4804+0.9184i	−2.2977−1.2484i	0.0976−2.7248i	0.1253−0.3480i	−0.5744−0.3572i	0.0124+0.0790i	0.2885+0.7344i
58.5	−1.9834+0.9174i	2.5104+0.7989i	−2.1301−1.2886i	0.0810−2.8049i	0.1042−0.3239i	−0.6679−0.3382i	0.0067+0.0856i	0.3457+0.7246i
58.6	−2.0113+0.9853i	2.5035+0.6828i	−2.1190−1.3589i	0.0560−2.8688i	0.0963−0.3254i	−0.6689−0.2631i	−0.0133+0.0838i	0.4139+0.6708i
58.7	−2.0787+0.9777i	2.5606+0.6336i	−2.0992−1.2842i	0.1078−2.7028i	0.1203−0.3416i	−0.6573−0.2547i	−0.0282+0.0975i	0.4823+0.6320i
58.8	−2.1719+0.9846i	2.5853+0.5651i	−2.0354−1.2802i	0.1145−2.7109i	0.1285−0.3471i	−0.6781−0.2278i	−0.0142+0.1301i	0.5575+0.5784i
58.9	−2.1258+0.9326i	2.5048+0.5944i	−1.9098−1.1512i	0.0128−2.6268i	0.0952−0.3560i	−0.6835−0.1655i	−0.0362+0.1509i	0.6224+0.4477i
59.0	−2.0992+1.0231i	2.4679+0.4639i	−2.0441−1.1950i	−0.1856−2.6824i	−0.0457−0.3790i	−0.7747−0.0729i	−0.0465+0.1438i	0.6975+0.3242i
59.1	−2.1343+1.0545i	2.5032+0.4563i	−1.9891−1.1465i	−0.2680−2.7153i	−0.0075−0.3739i	−0.7052−0.0248i	−0.0029+0.1544i	0.6449+0.3032i
59.2	−2.1781+1.1166i	2.5155+0.4272i	−1.8761−1.1762i	−0.3101−2.8304i	−0.0001−0.3916i	−0.6495−0.0385i	0.0347+0.1953i	0.5903+0.2419i
59.3	−2.1487+1.0899i	2.4649+0.4820i	−1.8837−1.0891i	−0.5259−2.8667i	0.0134−0.4079i	−0.5751−0.0465i	0.0564+0.2197i	0.5749+0.1833i
59.4	−2.1589+1.1057i	2.4730+0.4139i	−1.8274−1.0611i	−0.6409−2.8547i	−0.0486−0.3867i	−0.5415−0.0595i	0.1120+0.2162i	0.5346+0.1345i
59.5	−2.1856+1.1276i	2.4595+0.3859i	−1.8364−1.1556i	−0.5739−2.8779i	−0.0964−0.3716i	−0.5446−0.0452i	0.1039+0.2206i	0.5068+0.1295i
59.6	−2.2634+1.0828i	2.5146+0.3638i	−1.8516−1.1646i	−0.4513−2.7946i	−0.1231−0.3578i	−0.5540−0.0190i	0.0888+0.2268i	0.4757+0.1333i
59.7	−2.3213+1.2305i	2.4602+0.3116i	−1.9251−1.1279i	−0.4996−3.0371i	−0.1880−0.3359i	−0.5778+0.0048i	0.1234+0.2706i	0.4842+0.1007i
59.8	−2.3641+1.2149i	2.4999+0.0169i	−1.9603−1.3110i	−0.5110−2.7375i	−0.1839−0.3243i	−0.5186+0.0122i	0.1238+0.2464i	0.4848+0.0960i
59.9	−2.3532+1.2092i	−1.5894−1.5314i	−5.7849−2.7975i	−1.9303−3.0318i	−0.1661−0.3119i	−0.4784+0.0174i	0.1487+0.2444i	0.4394+0.0672i
60.0	−2.3238+1.2597i	−5.4510−4.3531i	−9.3628−5.4935i	−3.2195−4.6988i	−0.2136−0.2892i	−0.4926−0.0105i	0.2009+0.2780i	0.4099+0.0086i
60.1	−2.4019+1.3529i	−3.6849−3.3129i	−7.8090−4.4928i	−3.0435−4.6755i	−0.2194−0.2479i	−0.4479+0.0039i	0.2395+0.2857i	0.4127+0.0183i
60.2	−2.5481+1.4095i	2.5929+0.1112i	−1.8598−1.1769i	−0.8991−3.3070i	−0.2585−0.2076i	−0.4167+0.0740i	0.2869+0.3188i	0.4116−0.0031i
60.3	−2.5402+1.3691i	2.6696+0.0720i	−1.7002−1.1916i	−0.9634−3.0473i	−0.2591−0.1823i	−0.4124+0.0909i	0.3190+0.2973i	0.3905−0.0494i
60.4	−2.4844+1.3841i	2.5486+0.0301i	−1.7400−1.2154i	−0.9034−2.9733i	−0.2269−0.1513i	−0.3388+0.0995i	0.3904+0.2775i	0.3514−0.0867i
60.5	−2.6672+1.4682i	2.6217−0.0878i	−1.6880−1.4416i	−0.7148−2.9037i	−0.2407−0.1211i	−0.3052+0.1104i	0.4728+0.2749i	0.3031−0.0690i
60.6	−2.8035+1.4398i	2.6549−0.0821i	−1.6577−1.5316i	−0.4762−2.8309i	−0.2229−0.1413i	−0.2731+0.0556i	0.5012+0.1859i	0.2423−0.0033i
60.7	−2.7789+1.4419i	2.6849−0.0659i	−1.7285−1.3661i	−0.7493−2.6789i	−0.1849−0.1689i	−0.2646−0.0139i	0.5355+0.0038i	0.2108+0.0955i
60.8	−2.7891+1.6303i	2.6005−0.1415i	−1.7601−1.4614i	−0.7883−3.2920i	−0.2296−0.1706i	−0.3018−0.0170i	0.5469−0.0839i	0.2749+0.1121i
60.9	−2.9074+1.6574i	2.6020−0.1441i	−1.7945−1.6349i	−0.5736−3.4528i	−0.2768−0.1835i	−0.3251−0.0580i	0.4596−0.0960i	0.3547+0.0871i
61.0	−2.8219+1.6628i	2.5214−0.1563i	−1.8641−1.6547i	−0.7519−3.4772i	−0.2876−0.1601i	−0.3323−0.0854i	0.4298−0.0916i	0.3617+0.0369i
61.1	−2.8467+1.7503i	2.5234−0.1772i	−1.9400−1.7436i	−0.9189−3.4990i	−0.3111−0.1406i	−0.3496−0.0484i	0.3747−0.0902i	0.3860−0.0343i
61.2	−2.8224+1.8696i	2.4703−0.2608i	−2.0243−1.7982i	−1.0475−3.6516i	−0.3351−0.1265i	−0.3581−0.0212i	0.3859−0.1539i	0.3464−0.0455i
61.3	−2.9522+2.0408i	2.5980−0.3637i	−2.1727−1.8234i	−1.1883−3.6449i	−0.3962−0.1215i	−0.3402−0.0063i	0.4204−0.1794i	0.2485−0.0600i
61.4	−2.9627+1.9454i	2.6296−0.2627i	−2.1691−1.8509i	−1.0475−3.5619i	−0.4099−0.0908i	−0.2882−0.0303i	0.3749−0.1879i	0.2071−0.0305i
61.5	−2.9413+1.9039i	2.5390−0.2726i	−2.3167−1.9661i	−1.1169−3.7005i	−0.3851−0.0619i	−0.1770−0.0425i	0.3045−0.2906i	0.2379+0.0308i
61.6	−3.0236+2.0708i	2.6060−0.3522i	−2.4016−2.0280i	−1.2260−3.8011i	−0.4028−0.0060i	−0.1131−0.0508i	0.2425−0.3345i	0.2449+0.0463i
61.7	−3.0029+2.2082i	2.6398−0.4308i	−2.4558−1.9725i	−1.4351−3.8428i	−0.4157+0.0263i	−0.1186−0.1444i	0.1951−0.3711i	0.2402+0.1005i
61.8	−3.0347+2.3083i	2.6347−0.5086i	−2.5791−1.9424i	−1.2713−3.8572i	−0.4636+0.0802i	−0.1266−0.1990i	0.1968−0.3524i	0.2336+0.1584i
61.9	−2.9919+2.4726i	2.5848−0.5742i	−2.8465−1.9084i	−1.6245−4.0805i	−0.4810+0.1265i	−0.1273−0.2704i	0.1191−0.3660i	0.3077+0.1479i
62.0	−2.9449+2.6407i	2.6166−0.6853i	−3.0349−1.8767i	−2.0897−4.0119i	−0.5046+0.1726i	−0.1976−0.3755i	0.0679−0.3315i	0.3449+0.1356i
62.1	−3.1134+2.6208i	2.6885−0.6619i	−3.1501−1.9381i	−1.9391−3.9784i	−0.5313+0.2314i	−0.2983−0.4293i	0.0770−0.2382i	0.3777+0.0690i
62.2	−3.0359+2.6772i	2.6479−0.6625i	−3.1792−1.8933i	−2.0680−3.9909i	−0.4958+0.2944i	−0.3818−0.4879i	0.0355−0.2086i	0.4316+0.0167i
62.3	−2.9943+2.7179i	2.6016−0.6647i	−3.3151−1.9099i	−2.1636−4.0095i	−0.4731+0.3753i	−0.4164−0.5054i	0.1022−0.2782i	0.4123+0.0171i

62.4	-3.0138+2.8666i	2.6176-0.7927i	-3.4325-1.8418i	-2.2890-4.0606i	-0.4335+0.4291i	-0.5223-0.5154i	0.1304-0.3001i	0.3615-0.0193i
62.5	-3.0119+2.8714i	2.6082-0.8015i	-3.5359-1.7587i	-2.3422-4.1071i	-0.4099+0.4931i	-0.6421-0.4865i	0.1198-0.2847i	0.3366-0.0351i
62.6	-3.0312+3.0557i	2.6836-0.9940i	-3.6276-1.6895i	-2.3309-3.7840i	-0.3771+0.5550i	-0.6868-0.4159i	0.0554-0.2796i	0.3265-0.0775i
62.7	-2.9699+3.3121i	2.6236-1.1393i	-3.7612-1.6877i	-2.5367-4.0525i	-0.3215+0.5918i	-0.7760-0.3850i	0.0333-0.3348i	0.3059-0.0943i
62.8	-3.0646+3.3887i	2.7167-1.1442i	-3.8887-1.6435i	-2.7592-3.9859i	-0.2521+0.6560i	-0.8081-0.3720i	0.0003-0.3627i	0.2871-0.0760i
62.9	-2.9936+3.4560i	2.6559-1.1650i	-4.0698-1.6861i	-3.1543-4.1226i	-0.2059+0.6750i	-0.8041-0.3162i	-0.0989-0.4126i	0.2982-0.0477i
63.0	-2.8862+3.4657i	2.6697-1.1720i	-4.1932-1.3562i	-3.3257-3.8539i	-0.1526+0.7116i	-0.9059-0.2667i	-0.1769-0.4774i	0.2873+0.0446i
63.1	-2.7831+3.6567i	2.5975-1.3428i	-4.4188-1.2858i	-3.7121-3.7011i	-0.0811+0.6996i	-0.9653-0.1743i	-0.2470-0.4412i	0.2751-0.0050i
63.2	-2.7287+3.8831i	2.5768-1.4618i	-4.6433-1.2080i	-4.0777-3.7971i	-0.0147+0.6935i	-1.0263-0.0924i	-0.3155-0.4221i	0.3107-0.0119i
63.3	-2.6917+4.1340i	2.5808-1.6494i	-4.7457-1.0924i	-4.0120-4.0369i	0.0779+0.6634i	-1.0713+0.0317i	-0.3211-0.4188i	0.3148+0.0010i
63.4	-2.7373+4.1398i	2.6039-1.6678i	-4.7925-1.0498i	-3.8464-3.9002i	0.1237+0.6651i	-1.0150+0.1131i	-0.3616-0.4361i	0.3139+0.0203i
63.5	-2.6600+4.2582i	2.5510-1.7571i	-4.9747-0.9736i	-4.2353-3.8870i	0.1398+0.6549i	-0.9969+0.2065i	-0.4768-0.4448i	0.3462-0.0012i
63.6	-2.3522+4.3717i	2.4084-1.8737i	-5.0265-0.7069i	-4.7510-3.6374i	0.1531+0.6208i	-0.9622+0.2770i	-0.6341-0.4011i	0.3700+0.0013i
63.7	-2.2803+4.4069i	2.3745-1.8369i	-5.1782-0.5425i	-5.0426-3.5692i	0.1869+0.6332i	-0.9949+0.2817i	-0.8056-0.3966i	0.4323+0.0448i
63.8	-2.0706+4.4653i	2.2295-1.8983i	-5.3019-0.2291i	-5.1636-3.3136i	0.2266+0.6371i	-0.9641+0.3677i	-0.8991-0.2715i	0.4720+0.0361i
63.9	-1.7097+4.5919i	2.0085-1.9918i	-5.3885+0.1212i	-5.5332-3.0681i	0.2766+0.6541i	-0.9107+0.5183i	-1.0022-0.1482i	0.4714-0.0038i
64.0	-1.7362+4.6198i	2.1064-2.0919i	-5.4486+0.3784i	-5.5044-2.6486i	0.3910+0.6909i	-0.8518+0.6416i	-1.0621+0.0237i	0.4684-0.0181i
64.1	-1.5418+4.5708i	1.9834-2.1136i	-5.3639+0.6163i	-5.6600-2.4308i	0.4656+0.6039i	-0.7251+0.7027i	-1.0927+0.1883i	0.4946-0.0433i
64.2	-1.2809+4.6568i	1.7886-2.1910i	-5.3772+1.0585i	-5.9169-2.1993i	0.5489+0.4718i	-0.4673+0.7663i	-1.1582+0.4773i	0.5455-0.1166i
64.3	-1.4774+4.7125i	1.8771-2.1685i	-5.5253+1.0403i	-5.9419-2.3497i	0.5356+0.4200i	-0.3870+0.6927i	-1.1799+0.5990i	0.5586-0.1112i
64.4	-1.3820+4.6101i	1.7789-2.1274i	-5.3963+1.2072i	-5.8569-2.1218i	0.5247+0.3830i	-0.3014+0.6281i	-1.1123+0.7440i	0.5969-0.1512i
64.5	-1.2265+4.5900i	1.7247-2.1917i	-5.2830+1.5534i	-5.6978-1.5056i	0.5465+0.3051i	-0.2519+0.5585i	-0.9475+0.9790i	0.6239-0.2717i
64.6	-1.1251+4.6606i	1.7130-2.2369i	-5.2443+1.8335i	-5.8962-1.1300i	0.4910+0.2617i	-0.2086+0.4356i	-0.8091+1.1855i	0.6320-0.3756i
64.7	-0.9453+4.7106i	1.5622-2.2686i	-5.0832+2.0925i	-6.1556-0.9694i	0.4141+0.2243i	-0.2095+0.3577i	-0.6741+1.3457i	0.6163-0.4943i
64.8	-0.9186+4.6511i	1.4607-2.2559i	-4.9933+2.0541i	-6.0868-1.0245i	0.3183+0.2075i	-0.2286+0.2682i	-0.5040+1.3864i	0.5468-0.5443i
64.9	-0.8060+4.6272i	1.4048-2.2598i	-4.7877+2.3486i	-6.1241-0.6763i	0.3065+0.2284i	-0.2368+0.2754i	-0.2483+1.4617i	0.4307-0.6046i
65.0	-0.7413+4.6468i	1.4483-2.2967i	-4.5851+2.5462i	-6.1253-0.2986i	0.3209+0.2578i	-0.2079+0.2956i	-0.0636+1.4647i	0.3527-0.6314i
65.1	-0.7040+4.4934i	1.4525-2.2544i	-4.3045+2.5940i	-5.8444-0.0231i	0.3119+0.2961i	-0.2017+0.2718i	0.1544+1.3667i	0.2359-0.6033i
65.2	-0.5879+4.5389i	1.3716-2.3099i	-4.2042+2.7790i	-5.7937+0.3660i	0.3528+0.3308i	-0.1817+0.2397i	0.3400+1.3620i	0.1547-0.5930i
65.3	-0.4205+4.5014i	1.2555-2.3431i	-3.8427+2.9025i	-5.6238+0.6408i	0.4260+0.3612i	-0.1466+0.2005i	0.4808+1.2536i	0.0714-0.5474i
65.4	-0.2524+4.3712i	1.1291-2.3425i	-3.5223+2.8894i	-5.3749+0.9295i	0.4453+0.3390i	-0.1354+0.1361i	0.5300+1.1093i	0.0525-0.4636i
65.5	-0.1846+4.3891i	1.0509-2.3162i	-3.4158+2.9489i	-5.3901+0.8922i	0.4509+0.3271i	-0.1500+0.0332i	0.5646+1.0698i	0.0794-0.4456i
65.6	-0.0777+4.3763i	0.9856-2.3255i	-3.1735+3.0381i	-5.2811+0.9134i	0.4518+0.2986i	-0.1911-0.0626i	0.6876+1.0451i	0.0474-0.4742i
65.7	-0.0377+4.2883i	0.9762-2.3088i	-2.9564+2.9429i	-5.3043+1.0895i	0.4783+0.2952i	-0.2583-0.0951i	0.7380+0.9486i	0.0327-0.4601i
65.8	-0.0290+4.0432i	0.9381-2.1639i	-2.7209+2.7568i	-5.1633+1.1759i	0.4730+0.3044i	-0.3537-0.1117i	0.7949+0.7826i	-0.0087-0.3930i
65.9	-0.0339+4.0764i	0.9454-2.2123i	-2.6145+2.7506i	-5.0923+1.1943i	0.5058+0.3019i	-0.3782-0.1276i	0.8384+0.6810i	-0.0311-0.3926i
66.0	0.0775+3.9044i	0.8423-2.1680i	-2.4857+2.6026i	-4.8328+1.5227i	0.5432+0.2575i	-0.4147-0.1584i	0.8381+0.6192i	-0.0870-0.3623i
66.1	0.0807+3.8932i	0.8269-2.1877i	-2.5277+2.4566i	-4.9260+1.8613i	0.5281+0.2427i	-0.4491-0.1542i	0.8291+0.5796i	-0.0960-0.3079i
66.2	0.1196+3.8536i	0.7452-2.2168i	-2.4549+2.3458i	-4.7443+1.9266i	0.4898+0.2175i	-0.5221-0.1159i	0.8335+0.4736i	-0.1024-0.2927i
66.3	0.2510+3.7640i	0.5836-2.2004i	-2.3536+2.2376i	-4.4684+2.1386i	0.4573+0.2392i	-0.5845-0.1184i	0.8378+0.4203i	-0.1191-0.2642i
66.4	0.2665+3.7333i	0.4982-2.2240i	-2.3930+2.1247i	-4.1592+2.1995i	0.4461+0.2532i	-0.6350-0.0953i	0.8408+0.3862i	-0.1248-0.2213i
66.5	0.1770+3.7038i	0.5295-2.2318i	-2.3893+2.0824i	-3.9423+2.1653i	0.4584+0.2490i	-0.6619-0.0322i	0.8243+0.3126i	-0.1047-0.1841i
66.6	0.1610+3.6495i	0.4740-2.2517i	-2.3943+1.9608i	-3.6039+2.1743i	0.4395+0.2473i	-0.7113+0.0548i	0.7906+0.2300i	-0.0753-0.1589i
66.7	0.1083+3.7133i	0.4179-2.2520i	-2.5069+1.8400i	-3.6169+1.9705i	0.4599+0.3166i	-0.7248+0.0721i	0.7947+0.1872i	-0.0847-0.1003i
66.8	0.1191+3.6772i	0.3583-2.2508i	-2.5924+1.8242i	-3.4460+2.0516i	0.5290+0.3153i	-0.7238+0.1047i	0.7816+0.1249i	-0.0708-0.0481i
66.9	0.0450+3.6132i	0.3542-2.2680i	-2.6747+1.7899i	-3.1637+1.9969i	0.5762+0.2985i	-0.7715+0.1813i	0.7710+0.0484i	-0.0668+0.0167i
67.0	0.0076+3.5285i	0.2813-2.1788i	-2.7354+1.6815i	-3.0607+1.8924i	0.5651+0.3220i	-0.7948+0.1909i	0.6622+0.0475i	-0.0028+0.0360i
67.1	0.0685+3.5691i	0.1594-2.1761i	-2.8314+1.6556i	-3.1150+1.9148i	0.5937+0.3379i	-0.7897+0.2083i	0.6419+0.0136i	0.0234+0.0614i
67.2	0.0751+3.4986i	0.0747-2.1655i	-2.8518+1.5618i	-2.9152+1.8838i	0.6297+0.3367i	-0.7917+0.2768i	0.6350+0.0139i	0.0424+0.0850i
67.3	-0.0574+3.4957i	0.1054-2.0918i	-2.9933+1.5680i	-2.8889+1.7095i	0.6764+0.3487i	-0.7946+0.3050i	0.5976-0.0052i	0.1014+0.1160i
67.4	-0.0541+3.5089i	0.0521-2.0111i	-3.1031+1.5808i	-3.0116+1.7564i	0.7223+0.3047i	-0.8071+0.3096i	0.5230+0.0317i	0.1915+0.0808i
67.5	-0.0515+3.4886i	-0.0124-1.9925i	-3.2261+1.5966i	-2.9152+1.7664i	0.7652+0.2888i	-0.8075+0.3616i	0.5154+0.0536i	0.2389+0.0526i
67.6	-0.0538+3.4656i	-0.0520-1.9724i	-3.3978+1.5935i	-2.7194+1.9129i	0.8260+0.2733i	-0.8032+0.3848i	0.5126+0.0654i	0.2867+0.0393i
67.7	-0.0686+3.4314i	-0.0853-1.8858i	-3.4619+1.6065i	-2.7750+1.7385i	0.8586+0.2567i	-0.7610+0.3626i	0.4511+0.0781i	0.3432+0.0320i
67.8	-0.1753+3.4239i	-0.0986-1.8320i	-3.7007+1.7030i	-2.6015+1.5930i	0.9164+0.2393i	-0.7706+0.3800i	0.3986+0.1001i	0.4450+0.0256i
67.9	-0.2402+3.4598i	-0.1146-1.8109i	-3.7924+1.7342i	-2.5213+1.4200i	0.9019+0.1841i	-0.7945+0.3616i	0.4223+0.1510i	0.4795-0.0564i
68.0	-0.3150+3.5234i	-0.1145-1.7840i	-3.9584+1.8122i	-2.5546+1.4047i	0.9181+0.1415i	-0.8057+0.3619i	0.4679+0.2191i	0.4912-0.1626i
68.1	-0.3358+3.5882i	-0.1048-1.7683i	-4.1268+1.9967i	-2.6532+1.5631i	0.9654+0.1079i	-0.8006+0.3781i	0.5218+0.1986i	0.4665-0.1946i
68.2	-0.3453+3.6518i	-0.1467-1.7225i	-4.2709+2.2030i	-2.6339+1.4972i	0.9539+0.0434i	-0.8555+0.3965i	0.5765+0.2038i	0.4564-0.2534i
68.3	-0.2146+3.6912i	-0.2163-1.6386i	-4.3099+2.5374i	-2.5381+1.5823i	0.9370+0.0096i	-0.9021+0.5005i	0.6296+0.1645i	0.4285-0.3311i
68.4	-0.2377+3.7171i	-0.2078-1.5871i	-4.3798+2.7553i	-2.5335+1.4067i	0.9433+0.0355i	-0.9378+0.5979i	0.6639+0.1380i	0.4234-0.3805i
68.5	-0.2689+3.8144i	-0.2187-1.6014i	-4.4404+2.9879i	-2.6965+1.2504i	1.0303+0.0352i	-0.9086+0.6699i	0.6354+0.0575i	0.4144-0.3787i
68.6	-0.3138+3.8530i	-0.2545-1.5485i	-4.5123+3.0855i	-2.9170+1.1562i	1.1273-0.0098i	-0.8475+0.6656i	0.5181+0.0621i	0.4371-0.3938i

68.7	-0.4227+3.7603i	-0.1982-1.4396i	-4.5367+3.1738i	-2.8096+1.2339i	1.1004-0.0656i	-0.8098+0.6843i	0.4369+0.1625i	0.4659-0.4514i
68.8	-0.3437+3.8538i	-0.2001-1.3944i	-4.4473+3.5471i	-2.8269+1.3997i	1.0884-0.2011i	-0.8071+0.7020i	0.4005+0.2014i	0.4473-0.5213i
68.9	-0.3566+4.0427i	-0.1766-1.3748i	-4.5479+3.9454i	-2.9125+1.5508i	1.0690-0.2422i	-0.8255+0.8231i	0.4230+0.3024i	0.4315-0.6174i
69.0	-0.4304+4.2717i	-0.1443-1.4071i	-4.7044+4.2705i	-3.0212+1.5228i	1.1148-0.2419i	-0.8457+0.8625i	0.5628+0.3579i	0.3657-0.6613i
69.1	-0.3574+4.3414i	-0.1702-1.3948i	-4.5728+4.5184i	-3.0066+1.5747i	1.1082-0.2386i	-0.7990+0.9090i	0.6385+0.3545i	0.3291-0.6717i
69.2	-0.3119+4.4397i	-0.1456-1.3858i	-4.3688+4.7669i	-3.1066+1.6337i	1.0962-0.2088i	-0.7784+0.9892i	0.7027+0.3597i	0.2800-0.7150i
69.3	-0.2380+4.5365i	-0.1386-1.3722i	-4.2115+4.9943i	-3.2794+1.6881i	1.1803-0.2305i	-0.8353+1.0440i	0.8169+0.3758i	0.2306-0.7670i
69.4	-0.1454+4.5156i	-0.1030-1.3002i	-3.9498+5.2522i	-3.2086+1.8294i	1.2881-0.2899i	-0.7630+1.1784i	0.8986+0.3137i	0.1917-0.7808i
69.5	-0.1682+4.4837i	-0.0168-1.2469i	-3.7325+5.2970i	-3.0918+1.9495i	1.3154-0.3946i	-0.6498+1.2779i	0.8669+0.3331i	0.1996-0.8113i
69.6	-0.1411+4.5443i	-0.0251-1.2275i	-3.7166+5.4004i	-2.9243+2.2302i	1.3286-0.4970i	-0.3943+1.3628i	0.9075+0.4047i	0.1315-0.8683i
69.7	0.1489+4.6948i	-0.1500-1.3026i	-3.4385+5.7486i	-2.7047+2.3871i	1.3152-0.6855i	-0.1894+1.2577i	1.0155+0.3124i	0.0364-0.8502i
69.8	0.1571+4.8467i	-0.1479-1.2819i	-3.3652+5.9715i	-2.8385+2.4014i	1.3217-0.8375i	-0.1634+1.2019i	1.1267+0.2832i	0.0114-0.8836i
69.9	0.1030+4.9536i	-0.0819-1.1833i	-3.3521+6.1822i	-2.9197+2.1921i	1.2831-0.9495i	-0.2156+1.1188i	1.2186+0.2214i	-0.0528-0.9374i
70.0	0.3658+4.9299i	-0.0239-1.1494i	-2.7625+6.4345i	-2.5912+2.4141i	1.0819-1.0746i	-0.1451+1.0415i	1.2544+0.0029i	-0.1602-0.8840i
70.1	0.4952+4.9641i	-0.0395-1.1636i	-2.5843+6.5394i	-2.5593+2.5005i	0.9825-1.1211i	-0.1877+1.0645i	1.2821-0.0777i	-0.2122-0.8714i
70.2	0.6696+5.1178i	-0.1272-1.2175i	-2.4311+6.7727i	-2.4122+2.4583i	0.8824-1.1655i	-0.2284+1.0530i	1.2832-0.1674i	-0.2466-0.8618i
70.3	0.8269+5.1183i	-0.0505-1.2287i	-2.1144+6.7721i	-2.3913+2.5702i	0.7683-1.1564i	-0.1921+1.1244i	1.2240-0.2765i	-0.2901-0.8251i
70.4	0.8331+5.0573i	-0.0376-1.1914i	-1.9541+6.7281i	-2.3178+2.4416i	0.7179-1.1107i	-0.1645+1.1872i	1.1436-0.3011i	-0.3060-0.8132i
70.5	0.9225+5.0295i	0.0436-1.1829i	-1.6418+6.8000i	-2.2509+2.3587i	0.6590-1.1169i	-0.1303+1.1949i	1.0971-0.3458i	-0.3606-0.8207i
70.6	1.2145+4.9117i	-0.0381-1.2005i	-1.1907+6.8313i	-2.0920+2.4408i	0.5494-1.1254i	-0.0192+1.2051i	1.1068-0.4146i	-0.4556-0.7867i
70.7	1.1481+4.9910i	-0.0116-1.2188i	-1.2653+6.8965i	-2.2949+2.3819i	0.5855-1.0791i	0.0498+1.2608i	1.1759-0.3566i	-0.5088-0.7950i
70.8	1.1289+4.9453i	0.0150-1.2446i	-1.0887+6.8172i	-2.3739+2.3851i	0.5459-1.0756i	0.1181+1.2593i	1.2376-0.3707i	-0.5790-0.7637i
70.9	1.2743+4.7772i	-0.0077-1.2649i	-0.7161+6.7380i	-2.2111+2.4532i	0.4542-1.0921i	0.2312+1.2085i	1.2452-0.4193i	-0.6602-0.7271i
71.0	1.4125+4.9658i	0.0061-1.2983i	-0.5219+7.0938i	-2.2557+2.5133i	0.4639-1.1670i	0.3701+1.1494i	1.3207-0.5572i	-0.7309-0.6748i
71.1	1.5863+4.9350i	-0.0262-1.3314i	-0.2340+7.0762i	-2.2442+2.7035i	0.4479-1.1817i	0.4577+1.0215i	1.3080-0.6253i	-0.7668-0.6033i
71.2	1.4928+4.8756i	0.0319-1.3790i	-0.1046+6.9175i	-2.3074+2.6850i	0.4143-1.1728i	0.4455+0.8945i	1.3390-0.6730i	-0.7904-0.5465i
71.3	1.4381+4.9193i	0.0235-1.3721i	-0.0148+6.9959i	-2.3122+2.6017i	0.3904-1.1573i	0.4331+0.8283i	1.3763-0.7201i	-0.8023-0.5038i
71.4	1.7603+4.8170i	-0.1297-1.3698i	0.4262+6.9979i	-1.9710+2.8427i	0.3114-1.2071i	0.3703+0.6884i	1.3607-0.8399i	-0.8478-0.4574i
71.5	1.7676+4.8110i	-0.1136-1.3822i	0.5198+6.8370i	-2.0111+3.0826i	0.2980-1.1960i	0.3160+0.6495i	1.3328-0.9737i	-0.8294-0.3718i
71.6	1.6979+4.7102i	-0.0840-1.3100i	0.7341+6.7282i	-1.9773+2.9387i	0.2486-1.1513i	0.2461+0.6571i	1.3501-1.0504i	-0.8601-0.3104i
71.7	1.6881+4.7756i	-0.0683-1.3091i	0.8692+6.8692i	-1.8223+2.9230i	0.2196-1.1743i	0.1903+0.6855i	1.3749-1.1007i	-0.9069-0.3157i
71.8	1.7121+5.0115i	-0.0223-1.4296i	1.1009+7.0873i	-1.8194+3.1458i	0.1790-1.2360i	0.1405+0.7291i	1.3159-1.3248i	-0.9280-0.2468i
71.9	1.9520+4.8998i	-0.1454-1.4030i	1.5122+6.8848i	-1.5667+3.1958i	0.0627-1.2418i	0.1446+0.7703i	1.1199-1.5464i	-0.9156-0.0989i
72.0	1.9882+4.7621i	-0.2105-1.3597i	1.5357+6.5261i	-1.3577+3.2098i	0.0349-1.1725i	0.1669+0.8088i	0.9808-1.6152i	-0.8656+0.0041i
72.1	2.1183+4.7838i	-0.2378-1.4559i	1.8965+6.3491i	-1.2037+3.2331i	-0.0746-1.1315i	0.1892+0.8299i	0.8107-1.6635i	-0.8533+0.0662i
72.2	2.2261+4.8492i	-0.2323-1.4254i	2.1697+6.4955i	-1.1660+3.2347i	-0.1192-1.1534i	0.2117+0.8432i	0.6910-1.7414i	-0.8398+0.0924i
72.3	2.2493+4.8936i	-0.2266-1.3870i	2.3554+6.4965i	-1.2150+3.1087i	-0.1413-1.1179i	0.2307+0.8575i	0.5846-1.8084i	-0.8043+0.1505i
72.4	2.3623+4.8666i	-0.2747-1.3830i	2.5492+6.3115i	-1.1857+3.1106i	-0.1828-1.0743i	0.2788+0.9114i	0.3861-1.8436i	-0.7395+0.2246i
72.5	2.4761+4.7718i	-0.3392-1.3536i	2.7121+6.0576i	-1.0881+3.1528i	-0.1941-1.0071i	0.3095+0.8756i	0.2196-1.7202i	-0.6568+0.2188i
72.6	2.6094+4.8021i	-0.3498-1.4069i	2.9570+5.9675i	-0.9724+3.2028i	-0.2165-0.9995i	0.3762+0.8743i	0.0775-1.6816i	-0.5948+0.2266i
72.7	2.6064+4.8998i	-0.2904-1.3440i	3.0501+6.0782i	-1.0192+3.1478i	-0.2315-1.0357i	0.4263+0.8563i	0.0076-1.7186i	-0.5948+0.2390i
72.8	2.6811+4.8126i	-0.3141-1.3405i	3.0702+5.8670i	-0.7385+3.1377i	-0.2580-1.0002i	0.4652+0.8352i	-0.0580-1.6286i	-0.5473+0.2596i
72.9	2.8528+4.6291i	-0.4444-1.3158i	3.2221+5.4483i	-0.4727+3.1640i	-0.2966-0.9150i	0.5020+0.7958i	-0.2275-1.4826i	-0.4585+0.2724i
73.0	2.9925+4.7068i	-0.5056-1.3166i	3.4904+5.3928i	-0.5143+3.0969i	-0.3469-0.9027i	0.5514+0.7926i	-0.3065-1.4615i	-0.4506+0.2731i
73.1	3.0259+4.5565i	-0.4761-1.2666i	3.6054+5.0872i	-0.3738+3.1411i	-0.3595-0.8449i	0.5801+0.7616i	-0.3443-1.3509i	-0.4406+0.2578i
73.2	3.0729+4.3081i	-0.4640-1.1303i	3.6948+4.6762i	-0.3273+3.1373i	-0.3612-0.7803i	0.5746+0.7175i	-0.4234-1.2910i	-0.3909+0.3094i
73.3	3.3006+4.4349i	-0.4463-1.2092i	3.9625+4.7287i	-0.1917+3.1096i	-0.3604-0.7447i	0.6386+0.6613i	-0.4315-1.2702i	-0.4122+0.3285i
73.4	3.2646+4.4245i	-0.3917-1.2036i	3.9739+4.6129i	-0.2594+3.0398i	-0.3134-0.7330i	0.6431+0.6636i	-0.4150-1.2139i	-0.4165+0.3102i
73.5	3.0625+4.3398i	-0.3376-1.2065i	3.6968+4.2347i	-0.2025+3.0372i	-0.1925-0.7465i	0.6343+0.6142i	-0.3838-1.1180i	-0.3676+0.3207i
73.6	3.1869+4.3893i	-0.4134-1.1860i	3.8096+4.1950i	-0.1413+2.9819i	-0.1702-0.7955i	0.6786+0.6050i	-0.3718-1.1510i	-0.3658+0.3208i
73.7	3.2155+4.5171i	-0.3957-1.2411i	3.8599+4.3039i	-0.0086+2.8652i	-0.2084-0.8704i	0.7297+0.5770i	-0.3942-1.1941i	-0.3418+0.3368i
73.8	3.3435+4.3817i	-0.3288-1.1068i	3.9315+4.2392i	0.2015+2.8385i	-0.2770-0.9385i	0.8048+0.4717i	-0.5365-1.2195i	-0.2988+0.3748i
73.9	3.3573+4.2235i	-0.3380-1.0918i	3.9625+3.8222i	0.1768+2.7394i	-0.3781-0.8951i	0.7840+0.3839i	-0.6209-1.0834i	-0.2376+0.3581i
74.0	3.5993+4.1945i	-0.5054-1.1617i	4.2593+3.6657i	0.3114+2.6539i	-0.5025-0.8800i	0.7651+0.2976i	-0.7005-1.0745i	-0.2019+0.3948i
74.1	3.6148+4.0464i	-0.4558-1.0773i	4.1784+3.4564i	0.4602+2.5852i	-0.5305-0.8407i	0.7167+0.2213i	-0.7655-0.9941i	-0.1430+0.3696i
74.2	3.5404+4.1925i	-0.3183-1.1819i	3.9833+3.5045i	0.5152+2.5429i	-0.5364-0.8068i	0.7005+0.1781i	-0.7605-0.9268i	-0.1363+0.3494i
74.3	3.7027+3.9560i	-0.4002-1.0824i	4.0222+3.3273i	0.6531+2.3270i	-0.5794-0.7548i	0.6629+0.1467i	-0.7369-0.9145i	-0.1437+0.3550i
74.4	3.7441+4.0459i	-0.3486-1.1094i	4.1477+3.2656i	0.6296+2.3837i	-0.5904-0.7104i	0.6304+0.1112i	-0.7848-0.8347i	-0.0957+0.3354i
74.5	3.9414+4.0158i	-0.4462-1.1034i	4.3158+3.0701i	0.6461+2.1940i	-0.6276-0.6470i	0.5589+0.0843i	-0.8272-0.7256i	-0.0470+0.3010i
74.6	4.0650+3.9130i	-0.4466-1.1031i	4.3889+2.8957i	0.6621+2.1065i	-0.6742-0.6012i	0.4950+0.0702i	-0.8693-0.6277i	0.0011+0.2730i
74.7	3.9828+3.7140i	-0.3847-0.9785i	4.1828+2.5666i	0.6069+1.9764i	-0.6338-0.5480i	0.4441+0.0644i	-0.8189-0.5498i	-0.0028+0.2442i
74.8	3.9726+3.6432i	-0.2982-0.9898i	4.1541+2.3560i	0.5674+1.8911i	-0.6200-0.4876i	0.4117+0.0551i	-0.7872-0.4721i	-0.0010+0.2211i
74.9	4.0428+3.5326i	-0.3035-0.9640i	4.1524+2.3109i	0.6156+1.7026i	-0.6345-0.4549i	0.3813+0.0624i	-0.7918-0.4587i	0.0435+0.2056i

75.0	3.9800+3.4608i	-0.3162-0.9369i	4.0273+2.0323i	0.5297+1.6300i	-0.6244-0.3944i	0.3581+0.0842i	-0.7533-0.3595i	0.0494+0.1426i
75.1	3.9169+3.4923i	-0.3471-1.0738i	3.9668+1.8991i	0.5494+1.5883i	-0.6141-0.3770i	0.3264+0.0704i	-0.6950-0.2983i	0.0312+0.1240i
75.2	4.1056+3.5207i	-0.3861-1.1239i	4.0293+1.9173i	0.5419+1.4865i	-0.6186-0.3279i	0.3093+0.0821i	-0.6745-0.2758i	0.0197+0.1214i
75.3	4.0866+3.4386i	-0.3613-0.9197i	3.7632+1.7726i	0.4294+1.4712i	-0.5713-0.2975i	0.2837+0.1380i	-0.6240-0.2747i	0.0013+0.1182i
75.4	4.1879+3.2930i	-0.4314-0.9052i	3.8660+1.5335i	0.4099+1.3181i	-0.5560-0.2821i	0.2385+0.1327i	-0.6261-0.2445i	0.0013+0.0975i
75.5	4.2175+3.1839i	-0.4603-0.8953i	3.5888+1.5862i	0.5351+1.1475i	-0.5740-0.2695i	0.1996+0.1292i	-0.6053-0.2317i	0.0264+0.0926i
75.6	4.3698+3.1875i	-0.4360-1.0016i	3.5713+1.6291i	0.5896+1.1931i	-0.5803-0.2392i	0.2050+0.1253i	-0.5821-0.2378i	0.0327+0.1007i
75.7	4.3472+3.0444i	-0.4103-0.9212i	3.5450+1.4567i	0.4734+1.1247i	-0.5748-0.2061i	0.1952+0.1516i	-0.5800-0.2125i	0.0317+0.0832i
75.8	4.2770+3.1259i	-0.3210-0.8992i	3.3872+1.5006i	0.3806+1.0178i	-0.5781-0.1842i	0.1508+0.1751i	-0.5430-0.2197i	0.0167+0.0963i
75.9	4.2870+3.0863i	-0.3171-0.9113i	3.2896+1.5004i	0.3299+0.8746i	-0.5744-0.1332i	0.1338+0.1839i	-0.5276-0.1846i	0.0201+0.0750i
76.0	4.3212+3.1193i	-0.2009-0.8777i	3.0852+1.6024i	0.2946+0.9607i	-0.5390-0.1185i	0.1548+0.1811i	-0.5202-0.2218i	0.0206+0.0740i
76.1	4.2957+3.0904i	-0.2479-0.9426i	3.0828+1.4516i	0.1359+0.8834i	-0.4876-0.0748i	0.1602+0.2232i	-0.4752-0.1829i	0.0124+0.0638i
76.2	4.3519+2.8823i	-0.2236-0.8637i	3.0439+1.5042i	0.1132+0.7022i	-0.4825-0.0420i	0.1264+0.2650i	-0.4930-0.1439i	0.0370+0.0580i
76.3	4.5296+2.9640i	-0.2939-0.7097i	2.9029+1.5675i	0.0603+0.5422i	-0.4756-0.0207i	0.1121+0.2727i	-0.4621-0.1860i	0.0346+0.0604i
76.4	4.6322+2.9597i	-0.2043-0.8019i	2.9328+1.7003i	-0.0051+0.5547i	-0.4452+0.0361i	0.1154+0.2863i	-0.4706-0.1866i	0.0402+0.0311i
76.5	4.6251+3.0104i	-0.0892-0.9716i	2.9405+1.7946i	-0.1120+0.5274i	-0.4254+0.0670i	0.0788+0.2821i	-0.4539-0.1538i	0.0204+0.0146i
76.6	4.4225+2.9574i	0.1302-0.8733i	2.8018+1.8665i	-0.3026+0.4138i	-0.3468+0.0600i	0.0603+0.3135i	-0.4612-0.1395i	0.0241+0.0232i
76.7	4.5906+2.8084i	0.1468-0.7959i	2.9925+1.9536i	-0.4320+0.3368i	-0.3094+0.0970i	0.0869+0.3303i	-0.4939-0.1478i	0.0343+0.0135i
76.8	4.8451+2.8913i	0.0076-0.9322i	3.1840+2.1060i	-0.4407+0.3517i	-0.2615+0.1299i	0.0863+0.4020i	-0.4792-0.1136i	0.0541-0.0038i
76.9	4.8850+3.0417i	0.1919-1.0214i	3.1736+2.2469i	-0.6229+0.3451i	-0.2425+0.1548i	0.0772+0.4791i	-0.4705-0.1076i	0.0370-0.0197i
77.0	5.0249+2.8956i	0.3080-0.9285i	3.2365+2.2880i	-0.9084+0.2996i	-0.1565+0.1358i	0.1049+0.4439i	-0.4891-0.1552i	0.0652+0.0094i
77.1	5.0664+3.0590i	0.2765-1.0238i	3.3358+2.4973i	-1.0827+0.2995i	-0.1120+0.1068i	0.1303+0.4810i	-0.4984-0.1731i	0.0791+0.0099i
77.2	5.1492+2.9121i	0.3586-1.1049i	3.3996+2.6748i	-1.1651+0.3572i	-0.0529+0.0801i	0.1692+0.4809i	-0.5178-0.1277i	0.1133-0.0217i
77.3	5.2681+2.8507i	0.4491-1.3299i	3.6135+2.6899i	-1.3378+0.4928i	-0.0252+0.0561i	0.1748+0.4594i	-0.5035-0.0524i	0.1151-0.0595i
77.4	5.5975+2.7903i	0.4177-1.4383i	3.9414+2.5836i	-1.5887+0.5993i	0.0423+0.0349i	0.1886+0.4740i	-0.4502-0.0444i	0.0884-0.0857i
77.5	5.7633+2.5227i	0.3937-1.4133i	4.1732+2.3434i	-1.7297+0.6729i	0.1148-0.0251i	0.2216+0.5121i	-0.4376-0.0404i	0.0913-0.1095i
77.6	5.9961+2.6319i	0.5102-1.6523i	4.6159+2.6032i	-1.9451+0.8028i	0.1228-0.0661i	0.2515+0.5595i	-0.4645-0.0286i	0.1013-0.1465i
77.7	6.0093+2.3976i	0.5172-1.7946i	4.7041+2.3661i	-2.1205+0.9487i	0.1391-0.0839i	0.2926+0.6034i	-0.4330+0.0079i	0.0660-0.1814i
77.8	5.9011+1.9940i	0.3382-1.6893i	4.6529+1.8345i	-2.1153+0.9752i	0.1485-0.1173i	0.2658+0.5905i	-0.3645+0.0219i	0.0368-0.1968i
77.9	6.0702+1.9337i	0.1724-1.8537i	4.9036+1.7348i	-2.1152+1.1925i	0.1696-0.1600i	0.3052+0.5556i	-0.3554+0.0297i	0.0178-0.2226i
78.0	6.1716+1.8112i	0.2126-2.0449i	5.0432+1.6320i	-2.3832+1.4871i	0.1869-0.2071i	0.3102+0.5568i	-0.3881+0.0373i	0.0167-0.2503i
78.1	6.3666+1.2817i	0.1114-2.1385i	5.3650+1.0660i	-2.4851+1.8255i	0.1856-0.2611i	0.3909+0.6192i	-0.3734+0.0819i	-0.0256-0.2913i
78.2	6.5034+1.1745i	-0.0735-2.1794i	5.5844+0.9225i	-2.4744+1.9677i	0.1934-0.2912i	0.4377+0.6585i	-0.3189+0.0773i	-0.0743-0.3111i
78.3	6.3794+0.8837i	-0.1424-2.2813i	5.4966+0.5752i	-2.4006+2.3230i	0.1770-0.3374i	0.4613+0.6214i	-0.2809+0.0645i	-0.1200-0.2701i
78.4	6.4722+0.6928i	-0.1812-2.3951i	5.5957+0.4141i	-2.5271+2.6426i	0.1654-0.3928i	0.4994+0.6154i	-0.2643+0.0528i	-0.1521-0.2668i
78.5	6.3765+0.3831i	-0.2739-2.4463i	5.5206+0.0470i	-2.4459+3.0313i	0.1358-0.4657i	0.5949+0.6043i	-0.2392+0.0722i	-0.1967-0.2782i
78.6	6.1922+0.0215i	-0.5806-2.4635i	5.3569-0.3654i	-2.0015+3.3652i	0.0832-0.5109i	0.6200+0.5631i	-0.2264+0.0782i	-0.2201-0.2550i
78.7	6.1634-0.1237i	-0.6757-2.5152i	5.4716-0.5885i	-1.8508+3.5120i	0.0543-0.5155i	0.6433+0.5074i	-0.2059+0.0491i	-0.2446-0.2286i
78.8	6.1790-0.2122i	-0.6500-2.6306i	5.4357-0.6615i	-1.7922+3.7446i	0.0270-0.5620i	0.6908+0.4770i	-0.1910+0.0190i	-0.2827-0.2114i
78.9	6.0914-0.3846i	-0.7465-2.7184i	5.3251-0.8183i	-1.6284+3.9506i	-0.0212-0.5642i	0.7227+0.4559i	-0.1705-0.0001i	-0.3141-0.1897i
79.0	5.9840-0.6077i	-0.9270-2.8340i	5.2016-1.0640i	-1.4743+4.3787i	-0.0363-0.5891i	0.7305+0.4189i	-0.2033-0.0433i	-0.3082-0.1364i
79.1	5.5672-0.8332i	-1.1700-2.3605i	4.8356-1.3701i	-0.9660+4.0260i	-0.0894-0.5729i	0.6651+0.3183i	-0.2479-0.0563i	-0.2640-0.0794i
79.2	5.6953-0.8893i	-1.2678-2.3961i	4.9660-1.5097i	-0.7270+4.2112i	-0.1460-0.5792i	0.6802+0.3539i	-0.2594-0.0319i	-0.2740-0.0998i
79.3	5.3701-1.0081i	-1.2000-2.4512i	4.7517-1.5862i	-0.3688+4.2649i	-0.1664-0.5798i	0.7047+0.2890i	-0.2533-0.0029i	-0.2754-0.0856i
79.4	5.1511-1.0964i	-1.3110-2.1930i	4.5735-1.8486i	-0.2204+3.8690i	-0.1391-0.5190i	0.6672+0.2685i	-0.2672-0.0397i	-0.2423-0.0490i
79.5	5.2201-1.0866i	-1.3272-2.2130i	4.4523-1.9515i	-0.1939+4.0422i	-0.1273-0.5476i	0.7280+0.3116i	-0.2798-0.0270i	-0.2377-0.0815i
79.6	5.0860-1.1921i	-1.4227-2.2570i	4.2400-2.0406i	0.0473+4.1488i	-0.1854-0.5982i	0.7093+0.3056i	-0.2933+0.0078i	-0.2365-0.0971i
79.7	4.8963-1.2503i	-1.4516-2.1422i	3.9732-2.1294i	0.0875+4.0079i	-0.2022-0.5766i	0.7200+0.2795i	-0.2979+0.0031i	-0.2355-0.0702i
79.8	4.6733-1.1998i	-1.4504-2.2040i	3.8185-2.1523i	0.1879+3.8859i	-0.2337-0.5586i	0.7361+0.2559i	-0.2649+0.0437i	-0.2412-0.0816i
79.9	4.5375-1.1825i	-1.6291-2.3016i	3.7771-2.1450i	0.5477+3.7499i	-0.2940-0.5704i	0.6975+0.2225i	-0.2302+0.0950i	-0.2526-0.0955i
80.0	4.5099-1.1975i	-1.7041-2.2212i	3.6838-2.1824i	0.5791+3.5916i	-0.3060-0.5291i	0.7418+0.2179i	-0.2021+0.0777i	-0.2664-0.1012i

2.1.41 Run 4 – IP050 – Accels 33–40

In-plane shaking at 50°. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	7.8022+0.0000i	1.2474+0.0000i	-6.0615+0.0000i	-5.0546+0.0000i	20.9536+0.0000i	9.1013+0.0000i	11.8510+0.0000i	3.7869+0.0000i
0.1	6.4071-0.4051i	1.3114+0.6144i	-4.4896+0.5850i	-3.8272-0.2890i	16.7293-0.1450i	8.3965-0.0975i	9.2337+0.9161i	2.8238-0.6853i
0.2	0.9356-1.1053i	0.9357-0.6945i	0.7650-0.0330i	1.2657+1.2965i	1.4544-0.2435i	1.5818+2.0340i	-0.2418+0.4502i	-1.2913-1.2751i
0.3	-0.7569-0.6972i	0.6288-0.1371i	0.3212+0.8299i	0.9356+1.8216i	1.5595+1.1508i	2.7927+0.7712i	-1.0434-0.7807i	-0.4084-1.0131i
0.4	-0.1717-0.9560i	-0.2938-0.4623i	0.4221+0.5633i	0.8379+1.4809i	-0.0450+0.5150i	0.6590+0.2429i	-0.4800-0.4534i	0.5731-0.4653i
0.5	0.0135-0.1274i	-0.0591-0.0240i	-0.0371+0.0744i	0.5522+0.2454i	-0.3395+0.2525i	-0.1431-0.1151i	0.1734+0.1179i	0.1468-0.1883i
0.6	-0.0060+0.0152i	-0.0660-0.0217i	-0.0318+0.0221i	0.0312-0.0014i	-0.0195-0.0458i	0.0235+0.0373i	-0.0087+0.0214i	-0.0060-0.0256i
0.7	-0.0379-0.0207i	-0.0877-0.0230i	-0.0165+0.0082i	-0.0022+0.0033i	0.0469-0.1349i	0.0048-0.0145i	-0.0239-0.0073i	0.0026-0.0005i
0.8	-0.0377-0.0187i	-0.1053-0.0275i	-0.0066-0.0069i	-0.0223+0.0039i	-0.1192-0.0685i	0.0035-0.0037i	-0.0099+0.0098i	0.0088-0.0053i
0.9	-0.0521-0.0164i	-0.1088-0.0014i	-0.0041-0.0056i	-0.0332-0.0172i	-0.1465-0.0032i	0.0077+0.0014i	-0.0021+0.0033i	0.0079-0.0109i
1.0	-0.0630-0.0138i	-0.0962+0.0101i	0.0039-0.0003i	-0.0592-0.0140i	-0.1228+0.0235i	0.0071+0.0026i	-0.0047-0.0035i	0.0148-0.0121i
1.1	-0.0854-0.0209i	-0.1261+0.0047i	0.0058-0.0017i	-0.1067+0.0043i	-0.1692+0.0397i	0.0153+0.0009i	-0.0075-0.0021i	0.0285-0.0197i
1.2	-0.1190-0.0217i	-0.2163-0.0212i	0.0021+0.0004i	-0.1193-0.0097i	-0.2908+0.0062i	0.0166+0.0005i	-0.0211+0.0092i	0.0341-0.0236i
1.3	-0.1670-0.0351i	-0.3176-0.0367i	0.0088+0.0015i	-0.1235+0.0085i	-0.4053-0.0250i	0.0202-0.0010i	-0.0232+0.0049i	0.0228-0.0400i
1.4	-0.2433-0.0334i	-0.5603+0.0003i	0.0106-0.0004i	-0.0924-0.0117i	-0.7320-0.0142i	0.0249-0.0005i	-0.0156+0.0141i	0.0064-0.0445i
1.5	-0.2922+0.0564i	-0.6979+0.3784i	0.0133-0.0036i	-0.1479-0.1219i	-0.7925+0.6373i	0.0357+0.0000i	-0.0108+0.0008i	0.0429-0.0357i
1.6	-0.2455+0.0768i	-0.4741+0.5777i	0.0115-0.0016i	-0.3288-0.1536i	-0.2943+0.8950i	0.0435+0.0030i	-0.0254-0.0150i	0.0950-0.0773i
1.7	-0.2842+0.0327i	-0.4619+0.7107i	0.0110+0.0005i	-0.4763-0.0909i	-0.1203+0.8535i	0.0539-0.0009i	-0.0453-0.0152i	0.0780-0.1925i
1.8	-0.3583-0.0044i	-0.4705+0.8911i	0.0139+0.0030i	-0.5843-0.0384i	-0.0945+0.8507i	0.0638-0.0056i	-0.0624-0.0140i	0.0229-0.2711i
1.9	-0.5339-0.0643i	-0.1267+1.2421i	0.0219+0.0088i	-0.7486+0.0350i	0.1898+0.9607i	0.0750-0.0137i	-0.0966-0.0155i	-0.1660-0.3185i
2.0	-0.8660-0.1231i	0.3856+1.3161i	0.0357+0.0132i	-0.9999+0.0854i	0.5076+0.8783i	0.0890-0.0188i	-0.1530-0.0133i	-0.3459-0.2345i
2.1	-1.6515-0.0441i	0.8086+0.9413i	0.0684+0.0092i	-1.6256+0.1733i	0.6382+0.5618i	0.1313-0.0208i	-0.2753+0.0152i	-0.3830-0.0383i
2.2	-2.8263+0.1972i	0.8883+0.6942i	0.1136-0.0004i	-2.7072+0.3933i	0.5393+0.3806i	0.2094-0.0329i	-0.4598+0.0715i	-0.3417+0.0451i
2.3	-3.3039+1.2985i	0.9280+0.4962i	0.1333-0.0430i	-3.1113+1.4279i	0.5138+0.3276i	0.2403-0.1015i	-0.5200+0.2565i	-0.2685+0.0727i
2.4	2.6844+1.2045i	0.7236+0.2978i	-0.0869-0.0402i	2.6849+1.2347i	0.7514+0.2421i	-0.1584-0.0889i	0.4575+0.1582i	-0.1969+0.1601i
2.5	1.9019+0.4326i	0.6640+0.2110i	-0.0558-0.0119i	1.9144+0.4691i	0.6321+0.1043i	-0.1011-0.0349i	0.3214+0.0441i	-0.1654+0.1559i
2.6	1.3477+0.2444i	0.6084+0.1679i	-0.0338-0.0061i	1.3671+0.2809i	0.5578+0.0768i	-0.0593-0.0211i	0.2288+0.0209i	-0.1560+0.1511i
2.7	1.1029+0.1765i	0.5754+0.1407i	-0.0238-0.0032i	1.1278+0.2128i	0.5236+0.0754i	-0.0396-0.0160i	0.1884+0.0141i	-0.1342+0.1547i
2.8	0.9199+0.1185i	0.5446+0.1172i	-0.0154-0.0003i	0.9529+0.1533i	0.4857+0.0273i	-0.0233-0.0116i	0.1593+0.0076i	-0.1044+0.1617i
2.9	0.7980+0.0999i	0.5039+0.1033i	-0.0097-0.0000i	0.8322+0.1315i	0.4515+0.0323i	-0.0092-0.0108i	0.1397+0.0055i	-0.0972+0.1730i
3.0	0.7140+0.0771i	0.4788+0.0897i	-0.0047-0.0002i	0.7453+0.1032i	0.4419+0.0377i	0.0023-0.0082i	0.1274+0.0011i	-0.0917+0.1693i
3.1	0.6635+0.0723i	0.4688+0.0843i	-0.0022+0.0002i	0.6965+0.0965i	0.4241+0.0287i	0.0095-0.0082i	0.1201+0.0005i	-0.0685+0.1679i
3.2	0.6097+0.0663i	0.4513+0.0786i	0.0023+0.0006i	0.6440+0.0894i	0.4031+0.0417i	0.0187-0.0081i	0.1119+0.0008i	-0.0446+0.1810i
3.3	0.5787+0.0547i	0.4397+0.0719i	0.0048+0.0012i	0.6144+0.0781i	0.3778+0.0374i	0.0251-0.0064i	0.1074+0.0005i	-0.0276+0.1912i
3.4	0.5467+0.0444i	0.4290+0.0598i	0.0073+0.0020i	0.5821+0.0637i	0.3615+0.0176i	0.0328-0.0038i	0.1047+0.0004i	-0.0209+0.1688i
3.5	0.5213+0.0421i	0.4174+0.0621i	0.0100+0.0023i	0.5558+0.0634i	0.3597+0.0232i	0.0398-0.0045i	0.1022+0.0007i	-0.0104+0.2111i
3.6	0.5005+0.0423i	0.4085+0.0578i	0.0128+0.0022i	0.5347+0.0622i	0.3500+0.0233i	0.0474-0.0044i	0.1006-0.0002i	0.0080+0.1990i
3.7	0.4843+0.0408i	0.3999+0.0548i	0.0154+0.0024i	0.5172+0.0606i	0.3410+0.0189i	0.0555-0.0035i	0.1005+0.0005i	0.0114+0.2033i
3.8	0.4699+0.0402i	0.3910+0.0530i	0.0186+0.0021i	0.5015+0.0597i	0.3301+0.0156i	0.0633-0.0036i	0.1017+0.0002i	0.0150+0.2032i
3.9	0.4541+0.0394i	0.3866+0.0505i	0.0218+0.0021i	0.4878+0.0599i	0.3212+0.0189i	0.0712-0.0036i	0.1027-0.0011i	0.0514+0.1747i
4.0	0.4436+0.0365i	0.3857+0.0487i	0.0243+0.0023i	0.4806+0.0609i	0.3258+0.0225i	0.0783-0.0035i	0.1028-0.0001i	0.0676+0.1925i
4.1	0.4331+0.0364i	0.3806+0.0441i	0.0272+0.0021i	0.4747+0.0602i	0.3217+0.0276i	0.0867-0.0030i	0.1035-0.0005i	0.0625+0.2069i
4.2	0.4236+0.0383i	0.3754+0.0429i	0.0298+0.0020i	0.4702+0.0575i	0.3273+0.0265i	0.0948-0.0034i	0.1039-0.0007i	0.1013+0.2185i
4.3	0.4137+0.0385i	0.3702+0.0422i	0.0336+0.0014i	0.4614+0.0545i	0.3098+0.0241i	0.1063-0.0041i	0.1093-0.0016i	0.1413+0.2154i
4.4	0.4067+0.0399i	0.3661+0.0406i	0.0368+0.0009i	0.4534+0.0537i	0.3073+0.0242i	0.1160-0.0045i	0.1138-0.0037i	0.1526+0.1910i
4.5	0.4002+0.0413i	0.3633+0.0388i	0.0403+0.0014i	0.4483+0.0529i	0.3018+0.0230i	0.1254-0.0039i	0.1190-0.0039i	0.1972+0.1768i
4.6	0.3973+0.0414i	0.3599+0.0379i	0.0437+0.0014i	0.4455+0.0519i	0.2990+0.0220i	0.1344-0.0035i	0.1248-0.0041i	0.2228+0.1655i
4.7	0.3919+0.0438i	0.3568+0.0372i	0.0474+0.0014i	0.4403+0.0542i	0.3065+0.0340i	0.1471-0.0039i	0.1267-0.0078i	0.2422+0.1702i
4.8	0.3857+0.0449i	0.3543+0.0352i	0.0515+0.0014i	0.4329+0.0544i	0.3037+0.0333i	0.1593-0.0056i	0.1323-0.0109i	0.2397+0.1627i
4.9	0.3767+0.0469i	0.3502+0.0339i	0.0554+0.0004i	0.4252+0.0548i	0.2997+0.0070i	0.1728-0.0062i	0.1461-0.0161i	0.2695+0.1302i
5.0	0.3755+0.0493i	0.3441+0.0354i	0.0601+0.0014i	0.4233+0.0578i	0.2897+0.0177i	0.1886-0.0060i	0.1613-0.0226i	0.2829+0.1325i
5.1	0.3719+0.0528i	0.3406+0.0355i	0.0645+0.0005i	0.4185+0.0601i	0.2916+0.0313i	0.2024-0.0068i	0.1723-0.0309i	0.2648+0.0872i
5.2	0.3705+0.0569i	0.3375+0.0375i	0.0687-0.0005i	0.4203+0.0646i	0.2851+0.0044i	0.2163-0.0087i	0.1860-0.0369i	0.3082+0.0325i
5.3	0.3693+0.0652i	0.3348+0.0428i	0.0729-0.0012i	0.4224+0.0721i	0.2933+0.0180i	0.2348-0.0115i	0.2003-0.0502i	0.3803+0.0015i
5.4	0.3695+0.0755i	0.3364+0.0460i	0.0777-0.0018i	0.4221+0.0815i	0.2835+0.0344i	0.2504-0.0143i	0.2168-0.0684i	0.3590-0.0818i
5.5	0.3689+0.0810i	0.3343+0.0457i	0.0807-0.0030i	0.4212+0.0869i	0.2865+0.0267i	0.2671-0.0210i	0.2177-0.0956i	0.2817-0.0717i
5.6	0.3670+0.0867i	0.3337+0.0484i	0.0854-0.0043i	0.4215+0.0911i	0.3017+0.0323i	0.2881-0.0248i	0.2214-0.1259i	0.2485-0.0771i

5.7	0.3612+0.0943i	0.3427+0.0542i	0.0915-0.0042i	0.4214+0.0977i	0.2898+0.0532i	0.3129-0.0275i	0.2335-0.1700i	0.2199-0.2705i
5.8	0.3597+0.1062i	0.3473+0.0557i	0.0967-0.0072i	0.4233+0.1083i	0.2899+0.0522i	0.3341-0.0390i	0.2465-0.2371i	0.1540-0.2887i
5.9	0.3714+0.1235i	0.3486+0.0552i	0.0984-0.0102i	0.4377+0.1256i	0.3155+0.0345i	0.3516-0.0520i	0.2150-0.3234i	0.1534-0.1992i
6.0	0.3974+0.1469i	0.3492+0.0482i	0.0938-0.0111i	0.4638+0.1440i	0.3249+0.0580i	0.3622-0.0636i	0.1196-0.3444i	0.0468-0.1027i
6.1	0.4282+0.1486i	0.3468+0.0482i	0.0926-0.0062i	0.4943+0.1412i	0.3024+0.0691i	0.3775-0.0692i	0.0304-0.3433i	0.0844-0.0652i
6.2	0.4432+0.1500i	0.3471+0.0489i	0.0945-0.0017i	0.5094+0.1403i	0.3096+0.0558i	0.3929-0.0700i	-0.0242-0.3261i	0.0764-0.0833i
6.3	0.4545+0.1500i	0.3476+0.0489i	0.0955+0.0024i	0.5193+0.1385i	0.3190+0.0467i	0.4168-0.0702i	-0.0780-0.2886i	0.0223-0.0598i
6.4	0.4840+0.1452i	0.3568+0.0502i	0.0931+0.0110i	0.5507+0.1344i	0.3362+0.0327i	0.4412-0.0671i	-0.1137-0.2474i	0.0193-0.1599i
6.5	0.5017+0.1514i	0.3591+0.0488i	0.0892+0.0191i	0.5718+0.1407i	0.3201+0.0348i	0.4653-0.0694i	-0.1182-0.2228i	-0.0165-0.0907i
6.6	0.5334+0.1454i	0.3605+0.0426i	0.0825+0.0328i	0.6062+0.1310i	0.3054+0.0494i	0.5042-0.0724i	-0.1334-0.1977i	-0.0148-0.0185i
6.7	0.5771+0.1329i	0.3610+0.0406i	0.0693+0.0515i	0.6556+0.1150i	0.3073+0.0684i	0.5371-0.0822i	-0.1503-0.1837i	0.0707-0.0026i
6.8	0.6089+0.1199i	0.3616+0.0404i	0.0392+0.0763i	0.6963+0.0999i	0.3292+0.0479i	0.5794-0.0899i	-0.1897-0.1792i	0.0863-0.0235i
6.9	0.6700+0.0874i	0.3637+0.0370i	-0.0038+0.1664i	0.7678+0.0548i	0.3261+0.0449i	0.6187-0.1125i	-0.2550-0.1283i	0.1184-0.0268i
7.0	0.7473+0.0243i	0.3636+0.0307i	-0.0780+0.3299i	0.8561-0.0276i	0.3228+0.0404i	0.6518-0.1223i	-0.3530-0.0442i	0.1712+0.0526i
7.1	0.7496-0.1410i	0.3575+0.0251i	0.0470+0.6444i	0.8514-0.2305i	0.3230+0.0557i	0.7053-0.1283i	-0.3910+0.1851i	0.3135+0.0424i
7.2	0.5671-0.2640i	0.3533+0.0249i	0.5687+0.7259i	0.6187-0.3634i	0.3348+0.0466i	0.7848-0.1278i	-0.0885+0.4325i	0.2579-0.3098i
7.3	0.4376-0.2444i	0.3526+0.0262i	0.8786+0.5815i	0.4635-0.3319i	0.3371+0.0323i	0.8673-0.1559i	0.2121+0.4183i	0.2025-0.4492i
7.4	0.3577-0.1618i	0.3400+0.0241i	1.0294+0.3294i	0.3638-0.2294i	0.3480+0.0443i	0.8945-0.2211i	0.3457+0.1527i	0.0253-0.3396i
7.5	0.3585-0.0569i	0.3355+0.0347i	1.0297+0.0959i	0.3685-0.0972i	0.3538+0.0367i	0.9321-0.2362i	0.2893-0.0157i	-0.0046-0.2350i
7.6	0.4073-0.0041i	0.3397+0.0421i	0.9814-0.0321i	0.4336-0.0314i	0.3213+0.0384i	1.0174-0.2621i	0.2254-0.0742i	0.0522-0.2468i
7.7	0.4396-0.0009i	0.3424+0.0372i	0.9886-0.0879i	0.4756-0.0272i	0.2999+0.0270i	1.1296-0.3126i	0.2271-0.0956i	-0.0732-0.1917i
7.8	0.4841+0.0018i	0.3449+0.0378i	1.0138-0.1594i	0.5241-0.0277i	0.3514+0.0435i	1.2217-0.4083i	0.2310-0.1338i	-0.0634-0.1267i
7.9	0.4806-0.0039i	0.3428+0.0399i	1.0409-0.2109i	0.5238-0.0327i	0.3713+0.0152i	1.2581-0.4831i	0.2296-0.1923i	0.1054-0.2117i
8.0	0.4786-0.0024i	0.3408+0.0403i	1.0892-0.2768i	0.5262-0.0296i	0.3697+0.0212i	1.3310-0.5451i	0.1931-0.2669i	-0.0668-0.2913i
8.1	0.5022+0.0081i	0.3398+0.0405i	1.1289-0.3397i	0.5544-0.0195i	0.3896+0.0492i	1.4056-0.6049i	0.1217-0.3137i	-0.1951-0.1164i
8.2	0.5217+0.0150i	0.3370+0.0435i	1.1878-0.3924i	0.5784-0.0104i	0.3913+0.0418i	1.4996-0.6545i	0.0548-0.3422i	-0.0717-0.0961i
8.3	0.5522+0.0151i	0.3375+0.0476i	1.2974-0.4498i	0.6184-0.0101i	0.3687+0.0442i	1.6783-0.7091i	-0.0236-0.3712i	-0.0508-0.0945i
8.4	0.5838+0.0007i	0.3377+0.0497i	1.3862-0.5508i	0.6595-0.0312i	0.3410+0.0712i	1.8284-0.8421i	-0.0943-0.3463i	-0.0688-0.0876i
8.5	0.6225-0.0139i	0.3313+0.0483i	1.5425-0.6943i	0.7066-0.0547i	0.3465+0.0450i	2.0673-1.0379i	-0.1861-0.3225i	-0.1118-0.0375i
8.6	0.6491-0.0563i	0.3213+0.0504i	1.6548-0.9167i	0.7390-0.1085i	0.3172+0.0275i	2.2349-1.3508i	-0.2217-0.2447i	-0.0369-0.1049i
8.7	0.6705-0.0902i	0.3069+0.0516i	1.8369-1.0776i	0.7676-0.1469i	0.2930+0.0343i	2.4843-1.5633i	-0.2567-0.1864i	-0.0121-0.0993i
8.8	0.7076-0.1166i	0.3070+0.0617i	2.0375-1.3021i	0.8146-0.1822i	0.3087+0.0624i	2.7640-1.8626i	-0.2889-0.1331i	-0.0634-0.1408i
8.9	0.7504-0.1888i	0.3096+0.0751i	2.2817-1.7810i	0.8683-0.2747i	0.3434+0.0650i	3.1024-2.5149i	-0.3193-0.0271i	-0.5048-0.1619i
9.0	0.7567-0.2933i	0.2971+0.0777i	2.1926-2.5129i	0.8688-0.4061i	0.3442+0.0692i	2.9870-3.5032i	-0.2019+0.1050i	-0.5314+0.3900i
9.1	0.7308-0.3407i	0.2749+0.0851i	2.0696-2.9309i	0.8400-0.4693i	0.3283+0.0527i	2.8049-4.0519i	-0.0286+0.0402i	-0.0541+0.6855i
9.2	0.8364-0.4819i	0.2479+0.1055i	2.7891-4.1279i	0.9806-0.6635i	0.3252+0.0168i	3.7793-5.6276i	-0.1871-0.0903i	0.1261+0.3684i
9.3	0.6343-0.7576i	0.2365+0.1614i	1.0743-6.0010i	0.7070-1.0207i	0.2581+0.0508i	1.4863-8.1399i	-0.2225+0.0543i	0.1897+0.4577i
9.4	0.2505-0.7956i	0.2637+0.2363i	-1.8375-6.1176i	0.1993-1.0641i	0.2703+0.1516i	-2.4074-8.2672i	-0.1322+0.1537i	0.5951+0.4834i
9.5	0.0558-0.6118i	0.3137+0.2653i	-3.2158-4.6642i	-0.0519-0.8176i	0.3275+0.1700i	-4.2246-6.2947i	-0.0425+0.1509i	0.7454+0.2469i
9.6	-0.0211-0.3984i	0.3647+0.2737i	-3.7009-3.0565i	-0.1465-0.5355i	0.3365+0.1788i	-4.8379-4.1246i	0.0321+0.1110i	0.8180+0.0124i
9.7	0.0236-0.2625i	0.3972+0.2724i	-3.3506-2.0786i	-0.0856-0.3569i	0.3658+0.2324i	-4.3369-2.8179i	0.0535+0.0662i	0.8127-0.2174i
9.8	0.0882-0.1896i	0.4185+0.2668i	-2.9290-1.5662i	-0.0011-0.2640i	0.3998+0.2161i	-3.7419-2.1397i	0.0515+0.0244i	0.7651-0.3190i
9.9	0.1287-0.1309i	0.4529+0.2636i	-2.6541-1.1601i	0.0511-0.1906i	0.4581+0.2028i	-3.3529-1.6024i	0.0444+0.0011i	0.4893-0.4654i
10.0	0.1551-0.0933i	0.4773+0.2682i	-2.4661-0.9319i	0.0865-0.1431i	0.4860+0.2325i	-3.0802-1.2964i	0.0380-0.0133i	0.3910-0.5454i
10.1	0.1864-0.0749i	0.5063+0.2639i	-2.2404-0.7734i	0.1291-0.1171i	0.5113+0.2257i	-2.7554-1.0834i	0.0414-0.0170i	0.2425-0.3514i
10.2	0.2126-0.0612i	0.5234+0.2549i	-2.0747-0.6944i	0.1639-0.1010i	0.5167+0.2201i	-2.5113-0.9832i	0.0328-0.0309i	0.1819-0.4352i
10.3	0.2327-0.0542i	0.5458+0.2434i	-1.9757-0.6698i	0.1890-0.0915i	0.5343+0.2244i	-2.3566-0.9554i	0.0295-0.0481i	0.1499-0.6193i
10.4	0.2513-0.0510i	0.5588+0.2258i	-1.9276-0.6195i	0.2121-0.0839i	0.5480+0.1889i	-2.2598-0.8956i	0.0218-0.0529i	0.1591-0.5489i
10.5	0.2598-0.0364i	0.5730+0.2142i	-1.9114-0.5394i	0.2241-0.0683i	0.6176+0.1845i	-2.2136-0.7909i	0.0048-0.0541i	0.1548-0.4867i
10.6	0.2760-0.0208i	0.5970+0.1951i	-1.8762-0.4268i	0.2463-0.0510i	0.6133+0.1656i	-2.1340-0.6543i	-0.0077-0.0521i	0.2476-0.7190i
10.7	0.2881-0.0191i	0.6064+0.1904i	-1.8110-0.3469i	0.2623-0.0458i	0.5729+0.1410i	-2.0236-0.5633i	-0.0100-0.0483i	0.1013-1.0807i
10.8	0.2974-0.0138i	0.6009+0.1822i	-1.7373-0.2939i	0.2770-0.0399i	0.5930+0.1437i	-1.8950-0.5038i	-0.0063-0.0481i	0.4327-1.0818i
10.9	0.3141-0.0073i	0.6118+0.1702i	-1.6768-0.2496i	0.3011-0.0317i	0.5886+0.1474i	-1.7946-0.4572i	-0.0048-0.0388i	0.1555-1.2349i
11.0	0.3267-0.0025i	0.6143+0.1594i	-1.6172-0.2277i	0.3205-0.0250i	0.6191+0.1699i	-1.6959-0.4403i	-0.0034-0.0388i	-0.2825-1.3300i
11.1	0.3436+0.0083i	0.6210+0.1559i	-1.5822-0.2024i	0.3393-0.0184i	0.6228+0.1511i	-1.6314-0.4378i	0.0010-0.0396i	-0.6073-1.6602i
11.2	0.3510+0.0160i	0.6266+0.1502i	-1.5544-0.1903i	0.3502-0.0126i	0.6538+0.1380i	-1.5797-0.4319i	-0.0068-0.0345i	-0.8146-1.4898i
11.3	0.3645+0.0240i	0.6322+0.1452i	-1.5269-0.1817i	0.3695-0.0080i	0.6630+0.1587i	-1.5194-0.4330i	-0.0043-0.0360i	-1.1731-1.4514i
11.4	0.3744+0.0274i	0.6335+0.1387i	-1.5268-0.1641i	0.3845-0.0052i	0.6317+0.1318i	-1.5001-0.4190i	0.0025-0.0309i	-1.3539-1.3376i
11.5	0.3834+0.0306i	0.6389+0.1325i	-1.5145-0.1328i	0.4027-0.0052i	0.6366+0.1154i	-1.4608-0.3844i	0.0108-0.0272i	-1.5084-1.1205i
11.6	0.3973+0.0329i	0.6320+0.1255i	-1.4905-0.1221i	0.4203-0.0063i	0.6384+0.1125i	-1.4108-0.3769i	0.0108-0.0234i	-1.7486-0.7659i
11.7	0.4121+0.0331i	0.6145+0.1342i	-1.4837-0.1039i	0.4379-0.0100i	0.6443+0.1039i	-1.3787-0.3647i	0.0202-0.0167i	-1.6867-0.6968i
11.8	0.4251+0.0353i	0.6090+0.1451i	-1.4862-0.0768i	0.4539-0.0110i	0.6600+0.1068i	-1.3483-0.3303i	0.0262-0.0120i	-1.7602-0.5415i
11.9	0.4345+0.0311i	0.6000+0.1577i	-1.4579-0.0471i	0.4677-0.0200i	0.6388+0.1396i	-1.2677-0.2981i	0.0282-0.0098i	-1.7916-0.1942i

12.0	0.4462+0.0334i	0.6016+0.1775i	-1.4435-0.0389i	0.4870-0.0255i	0.6630+0.1791i	-1.2067-0.3034i	0.0366-0.0119i	-1.8247-0.1122i
12.1	0.4494+0.0337i	0.5920+0.2002i	-1.4302-0.0198i	0.5005-0.0316i	0.6752+0.2219i	-1.1431-0.2973i	0.0494-0.0095i	-1.7893+0.0975i
12.2	0.4520+0.0380i	0.5851+0.2285i	-1.4160-0.0130i	0.5112-0.0401i	0.6336+0.2752i	-1.0799-0.3042i	0.0619-0.0101i	-1.8313+0.3051i
12.3	0.4532+0.0411i	0.5704+0.2596i	-1.4044-0.0195i	0.5214-0.0520i	0.6262+0.2603i	-1.0127-0.3255i	0.0677-0.0232i	-2.0424+0.4468i
12.4	0.4633+0.0583i	0.5749+0.3261i	-1.4113-0.0469i	0.5344-0.0570i	0.6694+0.3068i	-0.9682-0.4034i	0.0813-0.0243i	-1.8955+0.6350i
12.5	0.4861+0.0722i	0.6117+0.4119i	-1.4365-0.0498i	0.5544-0.0734i	0.7362+0.4270i	-0.9507-0.4649i	0.1048-0.0257i	-1.8096+0.7284i
12.6	0.4963+0.0938i	0.6333+0.5108i	-1.4570-0.0435i	0.5634-0.0854i	0.7690+0.5279i	-0.9163-0.5111i	0.1053-0.0278i	-1.8916+1.2420i
12.7	0.5112+0.1168i	0.6880+0.6045i	-1.4671-0.0522i	0.5633-0.0934i	0.8140+0.6333i	-0.8947-0.5709i	0.1162-0.0280i	-1.9053+1.4037i
12.8	0.5451+0.1399i	0.8225+0.6923i	-1.5048-0.0443i	0.5578-0.1026i	0.9748+0.7534i	-0.9166-0.6365i	0.1292-0.0448i	-2.0555+1.9309i
12.9	0.5952+0.1526i	0.9841+0.7515i	-1.5672-0.0340i	0.5676-0.1101i	1.1887+0.7799i	-0.9994-0.6786i	0.1533-0.0757i	-2.1051+2.3053i
13.0	0.6577+0.1443i	1.2166+0.7136i	-1.6052+0.0093i	0.5643-0.1142i	1.4608+0.7282i	-1.0780-0.6354i	0.1445-0.1004i	-1.6051+2.5093i
13.1	0.6777+0.1458i	1.3173+0.6771i	-1.5963+0.0150i	0.5546-0.1009i	1.5433+0.7071i	-1.0661-0.6023i	0.1582-0.0990i	-1.2924+2.5821i
13.2	0.7248+0.1422i	1.4699+0.6198i	-1.6215+0.0167i	0.5552-0.0854i	1.7171+0.6191i	-1.0446-0.5629i	0.1793-0.0961i	-0.8855+2.8449i
13.3	0.7557+0.1417i	1.5333+0.5714i	-1.6525+0.0000i	0.5662-0.0616i	1.8303+0.5768i	-0.9932-0.5492i	0.2112-0.1140i	-0.9934+3.2698i
13.4	0.8158+0.1284i	1.6580+0.4745i	-1.7191+0.0395i	0.6045-0.0323i	1.9717+0.4616i	-0.9113-0.5324i	0.1970-0.1909i	-0.3800+3.8193i
13.5	0.8485+0.1182i	1.7213+0.4040i	-1.7405+0.0765i	0.6414-0.0159i	2.0400+0.3766i	-0.8268-0.5546i	0.1571-0.1829i	0.2783+4.1819i
13.6	0.8991+0.0945i	1.8173+0.3303i	-1.8091+0.0825i	0.6932-0.0126i	2.1455+0.2800i	-0.7423-0.6033i	0.1450-0.1523i	0.5384+4.2808i
13.7	0.9479+0.0526i	1.8890+0.2269i	-1.8630+0.0652i	0.7479-0.0340i	2.1991+0.1210i	-0.6462-0.7086i	0.1867-0.1421i	1.0619+3.8282i
13.8	0.9782+0.0435i	1.9608+0.1724i	-1.8871+0.0661i	0.7825-0.0390i	2.2975+0.0659i	-0.5212-0.7897i	0.2120-0.1070i	1.8386+3.9619i
13.9	1.0195+0.0333i	2.0458+0.1204i	-1.9334+0.0392i	0.8272-0.0521i	2.4064+0.0350i	-0.3939-0.9370i	0.2622-0.1428i	2.1312+3.7418i
14.0	1.0527-0.0218i	2.1224-0.0076i	-2.0052+0.0212i	0.8513-0.0989i	2.5227-0.1635i	-0.3497-1.1887i	0.3176-0.2353i	2.6118+3.1335i
14.1	1.0932-0.0662i	2.2415-0.1123i	-2.1289+0.0054i	0.8841-0.1414i	2.6987-0.2528i	-0.3603-1.4435i	0.3379-0.2759i	3.8916+2.8556i
14.2	1.1441-0.0998i	2.3424-0.2090i	-2.2976+0.0137i	0.9297-0.1753i	2.8646-0.3565i	-0.4096-1.6784i	0.3435-0.3096i	4.4087+2.4239i
14.3	1.1704-0.1355i	2.4249-0.3279i	-2.4536+0.0294i	0.9488-0.1985i	2.9953-0.4885i	-0.4384-1.9385i	0.3523-0.3588i	4.6631+1.8473i
14.4	1.2169-0.1923i	2.5528-0.4784i	-2.6286+0.0756i	0.9775-0.2471i	3.1936-0.7336i	-0.4515-2.2353i	0.3790-0.4353i	4.9686+1.6628i
14.5	1.2935-0.2585i	2.7067-0.7174i	-2.8214+0.0872i	1.0351-0.3089i	3.4408-1.0533i	-0.4490-2.7808i	0.4451-0.5025i	4.9153+0.1253i
14.6	1.3064-0.3052i	2.7709-0.9460i	-3.0428+0.0156i	1.0370-0.3557i	3.5412-1.3436i	-0.7721-3.5059i	0.4629-0.5450i	5.4290-1.5859i
14.7	1.2791-0.4119i	2.6387-1.2574i	-3.5361+0.1312i	0.9832-0.4425i	3.3665-1.7973i	-2.0258-3.9623i	0.4486-0.6870i	3.9144-3.1811i
14.8	1.2926-0.4439i	2.5377-1.3843i	-4.0390+0.3601i	0.9738-0.4431i	3.2476-1.9420i	-3.1959-3.8280i	0.4444-0.8231i	2.4021-3.2436i
14.9	1.3177-0.4596i	2.4897-1.4106i	-4.4590+0.8843i	0.9798-0.4278i	3.1617-2.0616i	-4.1056-2.8552i	0.3940-0.9312i	1.2560-2.2184i
15.0	1.4066-0.4606i	2.6497-1.3751i	-4.8314+1.1690i	1.0485-0.4175i	3.4675-2.0145i	-4.3300-2.2379i	0.4543-0.9654i	1.1407-1.6607i
15.1	1.5886-0.5711i	3.0768-1.5628i	-5.5735+1.9720i	1.1784-0.4850i	4.0959-2.3398i	-4.4876-1.3411i	0.4666-1.1866i	1.6316-0.9344i
15.2	1.7094-0.6971i	3.5418-1.9567i	-6.1353+2.9839i	1.2548-0.5559i	4.7536-2.9129i	-4.1586-0.8051i	0.4506-1.4546i	2.1567-0.7281i
15.3	1.7386-0.8569i	3.7911-2.5612i	-6.2079+4.1027i	1.2686-0.6341i	5.0610-3.7537i	-3.6476-0.6076i	0.4897-1.8968i	2.2229-1.1184i
15.4	1.7200-1.2116i	3.9442-3.8737i	-6.0401+6.2505i	1.2487-0.8252i	5.2750-5.5692i	-2.9464-0.4646i	0.2926-2.4972i	2.1093-2.0304i
15.5	1.6452-1.6571i	3.4103-5.5205i	-4.8326+8.7273i	1.2149-1.0852i	4.5151-7.9440i	-2.8157-0.6321i	-0.5010-2.9790i	1.8778-3.1576i
15.6	1.3147-1.8723i	1.9544-6.8443i	-2.2977+10.4043i	1.0775-1.1320i	2.4505-9.8792i	-2.7244-1.5314i	-1.7559-2.9332i	1.1218-4.0286i
15.7	0.8409-1.8966i	-0.2093-6.7200i	0.9045+9.8897i	0.8683-1.1692i	-0.5977-9.7725i	-3.4031-1.7749i	-2.5217-2.0483i	-0.1314-3.8391i
15.8	0.4335-1.7249i	-2.6557-5.2687i	4.2541+7.3315i	0.7435-1.1970i	-4.2972-7.6302i	-4.8187-1.2896i	-3.2006-0.8260i	-0.9812-2.8949i
15.9	0.4918-1.4309i	-3.2825-4.1252i	4.9963+5.4645i	0.8768-1.0479i	-5.1870-6.0248i	-5.8906-1.1883i	-3.0481-0.3925i	-1.3157-1.9314i
16.0	0.5966-1.3528i	-3.3349-3.1239i	4.8613+3.9989i	0.9708-1.1043i	-5.2886-4.6146i	-6.5154-0.3971i	-2.8489-0.0693i	-1.3091-1.5386i
16.1	0.7752-1.4000i	-3.0728-2.2291i	4.3288+2.7607i	1.0958-1.2744i	-4.9577-3.3015i	-6.9328+0.8562i	-2.7001+0.2116i	-1.3690-1.0490i
16.2	0.9669-1.4234i	-2.6729-1.7226i	3.7716+1.9844i	1.2311-1.3627i	-4.3692-2.4953i	-7.0779+1.6006i	-2.5281+0.4637i	-0.9321-0.6445i
16.3	1.0104-1.6323i	-2.3313-1.4463i	3.2244+1.4877i	1.2146-1.6008i	-3.9055-2.0862i	-6.8116+2.6078i	-2.2254+0.6847i	-0.6473-0.5316i
16.4	0.8716-1.9224i	-2.0881-1.1159i	2.6583+0.9670i	1.0152-1.9258i	-3.5358-1.6309i	-6.0864+3.9793i	-1.8924+0.8123i	-0.3393-0.3687i
16.5	0.7021-2.0498i	-1.8826-0.9999i	2.0641+0.8042i	0.7950-2.0630i	-3.2137-1.4740i	-5.2803+4.6258i	-1.8904+0.5148i	0.0572-0.2265i
16.6	0.3708-2.1680i	-1.7036-0.8229i	1.4578+1.0714i	0.3900-2.1353i	-2.9548-1.1622i	-3.9106+5.4475i	-2.5398+1.2150i	0.7731-1.2049i
16.7	0.1390-2.1548i	-1.5398-0.6984i	1.4209+1.2928i	0.1524-2.0786i	-2.7378-0.9544i	-2.5433+5.4622i	-2.0417+2.1339i	0.1068-1.9581i
16.8	-0.1565-2.1067i	-1.4025-0.5417i	1.5596+1.2848i	-0.1280-2.0156i	-2.4898-0.7914i	-1.0928+5.0007i	-1.0408+2.3578i	-0.5458-1.5683i
16.9	-0.3059-2.1343i	-1.2984-0.4459i	1.5981+1.0908i	-0.2780-2.0517i	-2.3217-0.6935i	-0.4059+4.5470i	-0.3842+2.0737i	-0.6243-1.2229i
17.0	-0.4430-2.1007i	-1.1688-0.4725i	1.3290+0.9792i	-0.4382-2.0060i	-2.1865-0.7163i	-0.1737+3.9500i	-0.4302+1.5259i	-0.5718-1.2884i
17.1	-0.6686-1.8515i	-1.0655-0.4294i	1.1086+0.9852i	-0.6612-1.7206i	-2.0413-0.6745i	-0.0062+3.0199i	-0.6109+1.5822i	-0.6300-1.5952i
17.2	-0.7191-1.8407i	-1.0301-0.3634i	1.0673+1.1721i	-0.6945-1.6988i	-1.9785-0.6088i	-0.1129+2.9117i	-0.2595+1.9607i	-0.9753-1.6531i
17.3	-0.8463-1.7295i	-0.9194-0.3586i	1.0718+1.1983i	-0.8277-1.5831i	-1.7912-0.5574i	-0.0047+2.6699i	0.0529+1.5631i	-1.3328-1.4535i
17.4	-0.9749-1.5241i	-0.8648-0.3450i	1.1047+1.1736i	-0.9446-1.3631i	-1.7378-0.5280i	0.0618+2.2853i	0.0598+1.2914i	-1.5863-1.1450i
17.5	-1.0789-1.4400i	-0.8304-0.3367i	1.1376+1.2709i	-1.0315-1.2536i	-1.7396-0.5460i	0.0742+2.1421i	0.0148+1.3711i	-1.7683-0.7539i
17.6	-1.1691-1.2660i	-0.7806-0.3156i	1.2771+1.2769i	-1.0861-1.0663i	-1.6834-0.5169i	0.1155+1.9587i	0.1470+1.4071i	-1.5866-0.3809i
17.7	-1.2262-1.1136i	-0.7383-0.2998i	1.4179+1.2024i	-1.1174-0.9159i	-1.6269-0.4905i	0.1709+1.7975i	0.3470+1.3430i	-1.3764-0.1857i
17.8	-1.2552-1.0017i	-0.7150-0.2966i	1.4809+1.0864i	-1.1254-0.8101i	-1.6161-0.5026i	0.2252+1.7036i	0.4981+1.2781i	-1.3292-0.0894i
17.9	-1.1889-0.8143i	-0.6978-0.2875i	1.4807+0.8958i	-1.0362-0.6401i	-1.6084-0.4562i	0.2142+1.4554i	0.5540+1.1094i	-1.2663+0.0309i
18.0	-1.1154-0.6585i	-0.6816-0.2551i	1.4401+0.7336i	-0.9459-0.5086i	-1.6136-0.4088i	0.1538+1.2182i	0.6024+0.9334i	-1.1052+0.1450i
18.1	-1.0400-0.5328i	-0.6530-0.2187i	1.3939+0.5696i	-0.8561-0.4086i	-1.5966-0.3458i	0.0683+0.9763i	0.6585+0.7334i	-0.9362+0.1868i
18.2	-0.9992-0.4654i	-0.6369-0.1909i	1.3556+0.4616i	-0.8037-0.3575i	-1.5841-0.3058i	-0.0144+0.8137i	0.6600+0.5997i	-0.8755+0.2156i

18.3	-0.9580-0.4274i	-0.6129-0.1594i	1.2880+0.3863i	-0.7587-0.3330i	-1.5642-0.2736i	-0.1315+0.7090i	0.6577+0.5100i	-0.8522+0.2217i
18.4	-0.9065-0.3783i	-0.5714-0.1214i	1.2255+0.2586i	-0.7042-0.3040i	-1.5272-0.1978i	-0.3141+0.5632i	0.6492+0.4670i	-0.8204+0.2134i
18.5	-0.8043-0.3434i	-0.4940-0.1009i	0.9672+0.0440i	-0.6077-0.3054i	-1.4736-0.1463i	-0.8020+0.5470i	0.6114+0.3412i	-0.7629+0.2861i
18.6	-0.7818-0.3330i	-0.4556-0.1183i	0.6312+0.1040i	-0.6154-0.3149i	-1.4269-0.1431i	-1.0071+0.9685i	0.5159+0.2469i	-0.7109+0.3568i
18.7	-0.7590-0.2913i	-0.4522-0.1268i	0.5014+0.3020i	-0.6176-0.2632i	-1.4062-0.1192i	-0.7558+1.2372i	0.4312+0.1975i	-0.6250+0.4111i
18.8	-0.7081-0.2579i	-0.4364-0.1067i	0.4832+0.4520i	-0.5693-0.2123i	-1.3864-0.0951i	-0.5450+1.1850i	0.3578+0.1818i	-0.4993+0.4310i
18.9	-0.6755-0.2374i	-0.4109-0.0843i	0.4711+0.5607i	-0.5347-0.1863i	-1.3603-0.0557i	-0.4815+1.1634i	0.2974+0.2075i	-0.4237+0.4176i
19.0	-0.6324-0.2086i	-0.3725-0.0672i	0.4838+0.6526i	-0.4878-0.1529i	-1.3118-0.0273i	-0.4127+1.1197i	0.2588+0.2175i	-0.3372+0.3813i
19.1	-0.5949-0.1875i	-0.3364-0.0560i	0.5548+0.7062i	-0.4414-0.1324i	-1.2684-0.0087i	-0.3563+1.0506i	0.2633+0.2375i	-0.2742+0.3252i
19.2	-0.5714-0.1788i	-0.2981-0.0447i	0.6142+0.7370i	-0.4103-0.1236i	-1.2601+0.0171i	-0.3255+0.9825i	0.2727+0.2480i	-0.2545+0.2638i
19.3	-0.5397-0.1728i	-0.2597-0.0472i	0.6520+0.7364i	-0.3748-0.1207i	-1.2342+0.0168i	-0.3357+0.9058i	0.2546+0.2599i	-0.2348+0.2091i
19.4	-0.5133-0.1643i	-0.2292-0.0547i	0.6632+0.7307i	-0.3442-0.1144i	-1.1948+0.0111i	-0.3577+0.8505i	0.2630+0.2714i	-0.2451+0.1707i
19.5	-0.4705-0.1467i	-0.1923-0.0604i	0.6912+0.7020i	-0.2951-0.0984i	-1.1614+0.0459i	-0.3788+0.7783i	0.2736+0.2548i	-0.2427+0.1454i
19.6	-0.4467-0.1452i	-0.1656-0.0652i	0.7132+0.6938i	-0.2625-0.0949i	-1.1586+0.0370i	-0.4098+0.7268i	0.2861+0.2563i	-0.2606+0.1295i
19.7	-0.4260-0.1499i	-0.1392-0.0838i	0.7087+0.6805i	-0.2324-0.1009i	-1.1610+0.0218i	-0.4629+0.6898i	0.3101+0.2315i	-0.2729+0.1352i
19.8	-0.4051-0.1549i	-0.1007-0.0977i	0.6955+0.6946i	-0.2015-0.1099i	-1.1333+0.0342i	-0.5351+0.6711i	0.3040+0.2000i	-0.2750+0.1340i
19.9	-0.3852-0.1523i	-0.0642-0.1066i	0.6961+0.7052i	-0.1681-0.1128i	-1.1324+0.0313i	-0.5916+0.6655i	0.2917+0.1989i	-0.2799+0.1207i
20.0	-0.3628-0.1574i	-0.0277-0.1306i	0.6971+0.7155i	-0.1327-0.1244i	-1.1392+0.0318i	-0.6602+0.6754i	0.2976+0.1774i	-0.2744+0.1127i
20.1	-0.3399-0.1563i	0.0022-0.1515i	0.7006+0.7231i	-0.0994-0.1315i	-1.1376+0.0594i	-0.7197+0.6985i	0.2979+0.1538i	-0.2756+0.1100i
20.2	-0.3383-0.1636i	0.0254-0.1908i	0.7552+0.7288i	-0.0802-0.1551i	-1.1596+0.0703i	-0.7292+0.7524i	0.3055+0.1240i	-0.2901+0.1277i
20.3	-0.3318-0.1644i	0.0437-0.2383i	0.7886+0.7282i	-0.0602-0.1732i	-1.1785+0.0864i	-0.7290+0.8031i	0.2847+0.1123i	-0.2942+0.1357i
20.4	-0.3193-0.1646i	0.0639-0.2929i	0.8033+0.7149i	-0.0362-0.2006i	-1.1820+0.1341i	-0.7214+0.8380i	0.2568+0.0899i	-0.2915+0.1436i
20.5	-0.3120-0.1639i	0.0856-0.3432i	0.8157+0.7007i	-0.0206-0.2247i	-1.1819+0.1570i	-0.7266+0.8558i	0.2417+0.0842i	-0.2917+0.1526i
20.6	-0.3053-0.1633i	0.0781-0.4251i	0.8471+0.6689i	-0.0089-0.2658i	-1.2071+0.2172i	-0.7239+0.8918i	0.2535+0.0873i	-0.2922+0.1678i
20.7	-0.3052-0.1646i	0.0290-0.4855i	0.8536+0.6625i	-0.0207-0.2957i	-1.2224+0.2817i	-0.7214+0.9182i	0.2431+0.0726i	-0.2875+0.1851i
20.8	-0.2994-0.1711i	-0.0164-0.5342i	0.8758+0.6642i	-0.0282-0.3258i	-1.2082+0.3285i	-0.6863+0.9610i	0.2512+0.0771i	-0.2820+0.2008i
20.9	-0.2955-0.1686i	-0.0813-0.5565i	0.8800+0.6326i	-0.0466-0.3453i	-1.1792+0.3740i	-0.6513+0.9517i	0.2487+0.0457i	-0.2646+0.2013i
21.0	-0.2877-0.1696i	-0.1610-0.6098i	0.8927+0.6320i	-0.0620-0.3742i	-1.1607+0.4272i	-0.6645+0.9844i	0.2420+0.0262i	-0.2430+0.2147i
21.1	-0.2800-0.1631i	-0.2394-0.6033i	0.8898+0.6203i	-0.0784-0.3740i	-1.1349+0.4829i	-0.6634+0.9873i	0.2338-0.0033i	-0.2352+0.2251i
21.2	-0.2815-0.1724i	-0.3143-0.5853i	0.9318+0.6291i	-0.1031-0.3825i	-1.1097+0.4902i	-0.6107+1.0184i	0.2151-0.0185i	-0.2151+0.2281i
21.3	-0.2742-0.1752i	-0.4041-0.5610i	0.9621+0.6317i	-0.1252-0.3817i	-1.0696+0.4776i	-0.5612+1.0372i	0.1953-0.0182i	-0.1926+0.2213i
21.4	-0.2786-0.1666i	-0.4750-0.5325i	1.0035+0.6001i	-0.1502-0.3728i	-1.0246+0.5197i	-0.5054+1.0293i	0.1782-0.0176i	-0.1778+0.2116i
21.5	-0.2851-0.1588i	-0.5156-0.4579i	1.0494+0.5500i	-0.1641-0.3571i	-1.0249+0.5578i	-0.4555+0.9975i	0.1606-0.0266i	-0.1744+0.2058i
21.6	-0.2879-0.1620i	-0.5463-0.3744i	1.0739+0.5157i	-0.1656-0.3459i	-1.0677+0.5685i	-0.4332+0.9671i	0.1442-0.0436i	-0.1813+0.1990i
21.7	-0.2958-0.1560i	-0.5657-0.3178i	1.0906+0.4668i	-0.1758-0.3392i	-1.0877+0.6013i	-0.4200+0.9311i	0.1381-0.0379i	-0.1797+0.1955i
21.8	-0.2970-0.1514i	-0.5819-0.2722i	1.0963+0.4230i	-0.1803-0.3400i	-1.1092+0.6559i	-0.4240+0.9105i	0.1193-0.0220i	-0.1821+0.1975i
21.9	-0.3051-0.1423i	-0.5850-0.1982i	1.0950+0.3817i	-0.1859-0.3299i	-1.1452+0.7415i	-0.4520+0.8921i	0.0847-0.0387i	-0.1833+0.2079i
22.0	-0.3155-0.1194i	-0.5829-0.1208i	1.1153+0.3231i	-0.1951-0.3164i	-1.1534+0.8801i	-0.4477+0.8864i	0.0824-0.0631i	-0.1810+0.2209i
22.1	-0.3172-0.1047i	-0.5730-0.0643i	1.1300+0.2608i	-0.1990-0.3178i	-1.1220+1.0024i	-0.4449+0.8688i	0.0844-0.0222i	-0.1818+0.2314i
22.2	-0.3106-0.0915i	-0.5592-0.0031i	1.1011+0.2245i	-0.1860-0.3110i	-1.1344+1.1008i	-0.4911+0.8442i	0.0812-0.0219i	-0.1865+0.2455i
22.3	-0.3070-0.0707i	-0.5422+0.0545i	1.0886+0.1907i	-0.1893-0.2987i	-1.0865+1.2104i	-0.5002+0.8673i	0.0735-0.0194i	-0.1749+0.2571i
22.4	-0.2986-0.0453i	-0.4881+0.1301i	1.0663+0.1263i	-0.1960-0.3046i	-0.9513+1.4215i	-0.5107+0.8879i	0.0978-0.0095i	-0.1615+0.2865i
22.5	-0.2863-0.0347i	-0.4517+0.1946i	1.0501+0.0985i	-0.1948-0.3100i	-0.8533+1.5632i	-0.5118+0.9300i	0.1084-0.0284i	-0.1447+0.3067i
22.6	-0.2804-0.0242i	-0.4105+0.2670i	1.0588+0.0652i	-0.2092-0.3208i	-0.6985+1.7596i	-0.4776+0.9721i	0.0446-0.0107i	-0.1213+0.3230i
22.7	-0.2525-0.0003i	-0.2972+0.3309i	1.0112+0.0119i	-0.2271-0.3167i	-0.3595+1.9398i	-0.4350+0.9978i	0.0194+0.0196i	-0.0797+0.3369i
22.8	-0.2289+0.0148i	-0.2061+0.3397i	0.9697-0.0071i	-0.2433-0.3006i	-0.0424+1.9403i	-0.4104+1.0131i	0.0246+0.0089i	-0.0413+0.3387i
22.9	-0.2006+0.0146i	-0.1209+0.3228i	0.9467-0.0226i	-0.2645-0.2770i	0.3101+1.8016i	-0.3540+1.0239i	-0.0013+0.0095i	0.0030+0.3299i
23.0	-0.1879-0.0028i	-0.0587+0.2826i	0.9303+0.0068i	-0.2743-0.2636i	0.4909+1.5920i	-0.3166+1.0559i	0.0169+0.0022i	0.0276+0.3149i
23.1	-0.1689-0.0013i	0.0244+0.2454i	0.9179-0.0170i	-0.2765-0.2318i	0.6866+1.3915i	-0.2327+0.9696i	0.0138+0.0757i	0.0636+0.2722i
23.2	-0.1615-0.0070i	0.0802+0.1799i	0.9108-0.0325i	-0.2806-0.2106i	0.8222+1.1353i	-0.2115+0.8779i	0.0193+0.0942i	0.0779+0.2313i
23.3	-0.1527-0.0130i	0.1270+0.1177i	0.8913-0.0564i	-0.2783-0.1898i	0.9272+0.8997i	-0.2421+0.8182i	0.0344+0.0957i	0.0844+0.2028i
23.4	-0.1421-0.0167i	0.1193+0.0765i	0.8633-0.0739i	-0.2609-0.1686i	0.8685+0.7364i	-0.2740+0.7955i	0.0593+0.1248i	0.0727+0.1720i
23.5	-0.1381-0.0193i	0.1156+0.0252i	0.8550-0.0850i	-0.2489-0.1490i	0.8038+0.5558i	-0.2788+0.7866i	0.0575+0.1079i	0.0642+0.1525i
23.6	-0.1424-0.0178i	0.1327-0.0266i	0.8518-0.1059i	-0.2483-0.1332i	0.7991+0.3905i	-0.2923+0.8146i	0.0582+0.0931i	0.0652+0.1391i
23.7	-0.1298-0.0249i	0.1272-0.0512i	0.8221-0.1338i	-0.2269-0.1344i	0.7519+0.3135i	-0.3198+0.8308i	0.0696+0.0973i	0.0537+0.1292i
23.8	-0.1275-0.0239i	0.1082-0.0648i	0.8052-0.1519i	-0.2199-0.1267i	0.6886+0.2635i	-0.3077+0.8328i	0.0565+0.1019i	0.0482+0.1200i
23.9	-0.1226-0.0195i	0.0837-0.0834i	0.7585-0.1696i	-0.2098-0.1156i	0.5849+0.1789i	-0.2970+0.8645i	0.0580+0.1133i	0.0398+0.1141i
24.0	-0.1171-0.0189i	0.0697-0.0970i	0.7312-0.1830i	-0.1997-0.1083i	0.5169+0.1356i	-0.2956+0.8825i	0.1050+0.1251i	0.0270+0.1139i
24.1	-0.1103-0.0218i	0.0564-0.1008i	0.7041-0.1731i	-0.1900-0.1042i	0.4475+0.0947i	-0.2750+0.9164i	0.0804+0.1133i	0.0283+0.1139i
24.2	-0.1081-0.0271i	0.0452-0.0963i	0.6793-0.1628i	-0.1840-0.1054i	0.4207+0.0755i	-0.2535+0.9559i	0.0301+0.0315i	0.0379+0.1231i
24.3	-0.0990-0.0228i	0.0429-0.1012i	0.6515-0.1786i	-0.1732-0.0923i	0.3702+0.0537i	-0.2055+0.9417i	0.0360+0.1090i	0.0303+0.1128i
24.4	-0.0962-0.0249i	0.0328-0.1170i	0.6267-0.1834i	-0.1725-0.0864i	0.3234+0.0093i	-0.1701+0.9412i	0.1148+0.2428i	0.0272+0.0961i
24.5	-0.0922-0.0226i	0.0354-0.1091i	0.5992-0.1953i	-0.1656-0.0753i	0.2896-0.0329i	-0.1243+0.9188i	0.1631+0.2429i	0.0226+0.0868i

24.6	-0.0930-0.0314i	0.0448-0.1059i	0.6063-0.1630i	-0.1632-0.0823i	0.2928-0.0170i	-0.1054+0.9280i	0.2128+0.1682i	0.0226+0.0949i
24.7	-0.0900-0.0328i	0.0455-0.0979i	0.5954-0.1333i	-0.1552-0.0763i	0.2672+0.0112i	-0.0454+0.9373i	0.2473+0.0612i	0.0233+0.1015i
24.8	-0.0876-0.0283i	0.0364-0.0951i	0.5815-0.1391i	-0.1479-0.0660i	0.2180-0.0052i	-0.0075+0.8879i	0.2606+0.0293i	0.0245+0.0961i
24.9	-0.0836-0.0328i	0.0390-0.0928i	0.5757-0.1391i	-0.1387-0.0662i	0.2225+0.0071i	0.0175+0.8382i	0.1968-0.0032i	0.0323+0.0908i
25.0	-0.0835-0.0360i	0.0598-0.0964i	0.5680-0.1353i	-0.1298-0.0645i	0.2274-0.0111i	0.0135+0.7985i	0.2136+0.0124i	0.0293+0.0879i
25.1	-0.0878-0.0391i	0.0787-0.0923i	0.5724-0.1298i	-0.1294-0.0643i	0.2285-0.0062i	0.0301+0.7853i	0.2551+0.0273i	0.0339+0.0810i
25.2	-0.0863-0.0299i	0.0734-0.0856i	0.5710-0.1449i	-0.1211-0.0488i	0.1954+0.0022i	0.0782+0.7251i	0.2336-0.0272i	0.0344+0.0750i
25.3	-0.0801-0.0185i	0.0536-0.0925i	0.5622-0.1654i	-0.1140-0.0314i	0.1677-0.0524i	0.0889+0.6879i	0.1758-0.0733i	0.0368+0.0706i
25.4	-0.0709-0.0181i	0.0683-0.0927i	0.5307-0.1462i	-0.0977-0.0274i	0.1511-0.0712i	0.0563+0.6480i	0.1108-0.0354i	0.0322+0.0635i
25.5	-0.0722-0.0213i	0.0852-0.0976i	0.5350-0.1333i	-0.0911-0.0294i	0.1461-0.0757i	0.0422+0.6359i	0.1342-0.0554i	0.0288+0.0605i
25.6	-0.0819-0.0225i	0.0885-0.1085i	0.5668-0.1336i	-0.0973-0.0287i	0.1532-0.0734i	0.0588+0.6463i	0.1731-0.0777i	0.0274+0.0592i
25.7	-0.0774-0.0131i	0.0847-0.1174i	0.5555-0.1424i	-0.0855-0.0152i	0.1494-0.1010i	0.0833+0.6101i	0.1802-0.1072i	0.0202+0.0554i
25.8	-0.0691-0.0149i	0.1105-0.1319i	0.5537-0.1229i	-0.0629-0.0185i	0.1291-0.0887i	0.0278+0.5769i	0.1485-0.0474i	0.0058+0.0429i
25.9	-0.0636-0.0154i	0.1129-0.1316i	0.5605-0.1181i	-0.0498-0.0193i	0.0907-0.0787i	0.0153+0.5651i	0.1581-0.0210i	0.0030+0.0389i
26.0	-0.0579-0.0090i	0.1247-0.1425i	0.5769-0.1402i	-0.0328-0.0155i	0.0982-0.0886i	0.0241+0.5424i	0.1865-0.0744i	-0.0049+0.0392i
26.1	-0.0596-0.0089i	0.1377-0.1577i	0.5963-0.1585i	-0.0259-0.0206i	0.1053-0.1062i	0.0190+0.5400i	0.1567-0.1448i	-0.0075+0.0478i
26.2	-0.0588-0.0054i	0.1491-0.1652i	0.5935-0.1852i	-0.0167-0.0199i	0.0788-0.1170i	0.0017+0.5207i	0.1454-0.1414i	-0.0084+0.0468i
26.3	-0.0533+0.0037i	0.1418-0.1819i	0.5731-0.2329i	-0.0075-0.0174i	0.0450-0.1527i	0.0022+0.4920i	0.1374-0.0881i	-0.0178+0.0517i
26.4	-0.0530+0.0055i	0.1394-0.2101i	0.5677-0.2688i	-0.0018-0.0230i	0.0554-0.1522i	0.0002+0.5276i	0.0855-0.1124i	-0.0232+0.0588i
26.5	-0.0525+0.0016i	0.1352-0.2355i	0.5755-0.2719i	0.0007-0.0343i	0.0222-0.1350i	-0.0153+0.5650i	0.0948-0.1412i	-0.0243+0.0662i
26.6	-0.0480+0.0068i	0.1269-0.2525i	0.5527-0.2930i	0.0069-0.0359i	0.0095-0.1544i	-0.0067+0.5588i	0.0878-0.0568i	-0.0243+0.0606i
26.7	-0.0451+0.0115i	0.1239-0.2680i	0.5353-0.3079i	0.0148-0.0350i	0.0009-0.1693i	0.0111+0.5511i	0.0226-0.0465i	-0.0179+0.0623i
26.8	-0.0384+0.0195i	0.1004-0.2799i	0.5123-0.3342i	0.0243-0.0317i	-0.0420-0.1544i	0.0380+0.5445i	0.0717-0.0822i	-0.0204+0.0665i
26.9	-0.0334+0.0212i	0.0767-0.2886i	0.4981-0.3463i	0.0287-0.0359i	-0.0445-0.1512i	0.0401+0.5371i	0.0633-0.0902i	-0.0182+0.0724i
27.0	-0.0278+0.0277i	0.0455-0.3004i	0.4698-0.3765i	0.0342-0.0382i	-0.0696-0.1192i	0.0667+0.5314i	0.0141-0.0809i	-0.0119+0.0744i
27.1	-0.0245+0.0297i	0.0288-0.2992i	0.4544-0.3881i	0.0367-0.0433i	-0.1067-0.1053i	0.0786+0.5335i	0.0341-0.0555i	-0.0065+0.0798i
27.2	-0.0152+0.0404i	0.0001-0.2868i	0.3981-0.4148i	0.0393-0.0419i	-0.1299-0.0961i	0.1177+0.5134i	0.0410-0.0490i	-0.0026+0.0737i
27.3	-0.0093+0.0389i	-0.0213-0.2722i	0.3665-0.4237i	0.0375-0.0466i	-0.1760-0.0768i	0.1416+0.5010i	0.0220-0.0854i	0.0060+0.0707i
27.4	-0.0028+0.0429i	-0.0416-0.2683i	0.3353-0.4353i	0.0401-0.0478i	-0.1643-0.0461i	0.1663+0.4804i	0.0379-0.0995i	0.0098+0.0731i
27.5	0.0047+0.0451i	-0.0409-0.2540i	0.2978-0.4282i	0.0453-0.0488i	-0.1556-0.0161i	0.1688+0.4656i	0.0095-0.0835i	0.0099+0.0715i
27.6	0.0174+0.0518i	-0.0632-0.2400i	0.2358-0.4416i	0.0463-0.0463i	-0.1397+0.0093i	0.2060+0.4471i	-0.0748-0.1184i	0.0153+0.0739i
27.7	0.0291+0.0469i	-0.0600-0.2246i	0.2049-0.4114i	0.0576-0.0513i	-0.1341+0.0291i	0.2065+0.4357i	-0.0243-0.0900i	0.0099+0.0767i
27.8	0.0434+0.0423i	-0.0588-0.1911i	0.1403-0.3666i	0.0627-0.0467i	-0.1177+0.0544i	0.2314+0.3818i	0.0363-0.0853i	0.0031+0.0703i
27.9	0.0508+0.0425i	-0.0561-0.1766i	0.0997-0.3382i	0.0627-0.0432i	-0.0860+0.0576i	0.2707+0.3372i	0.0132-0.0652i	0.0140+0.0591i
28.0	0.0602+0.0358i	-0.0584-0.1538i	0.0695-0.2900i	0.0668-0.0414i	-0.0443+0.0380i	0.2713+0.2698i	0.0045-0.0678i	0.0254+0.0544i
28.1	0.0677+0.0368i	-0.0579-0.1360i	0.0436-0.2501i	0.0680-0.0322i	-0.0353+0.0413i	0.2874+0.1919i	-0.0170-0.0280i	0.0295+0.0395i
28.2	0.0724+0.0357i	-0.0488-0.1188i	0.0412-0.2155i	0.0760-0.0254i	-0.0377+0.0352i	0.2727+0.1561i	-0.0220-0.0797i	0.0254+0.0349i
28.3	0.0818+0.0335i	-0.0259-0.0953i	0.0426-0.1634i	0.0918-0.0160i	-0.0207+0.0341i	0.2373+0.0978i	0.0637-0.1245i	0.0147+0.0181i
28.4	0.0817+0.0280i	-0.0248-0.0864i	0.0454-0.1510i	0.0904-0.0162i	-0.0106+0.0237i	0.2296+0.0826i	-0.0032-0.0773i	0.0196+0.0040i
28.5	0.0891+0.0219i	-0.0031-0.0896i	0.0774-0.1180i	0.1094-0.0252i	-0.0259+0.0266i	0.1934+0.0618i	-0.0186-0.0843i	0.0134+0.0218i
28.6	0.0947+0.0209i	0.0011-0.0861i	0.0778-0.1043i	0.1154-0.0224i	-0.0400+0.0361i	0.1863+0.0217i	0.0368-0.0136i	0.0108+0.0111i
28.7	0.0989+0.0155i	0.0165-0.0720i	0.0844-0.0870i	0.1265-0.0212i	-0.0108+0.0314i	0.1693+0.0026i	0.0388-0.0212i	0.0026+0.0129i
28.8	0.1053+0.0132i	0.0338-0.0736i	0.0955-0.0637i	0.1397-0.0230i	-0.0118+0.0253i	0.1344-0.0245i	0.0031-0.0614i	-0.0009+0.0133i
28.9	0.1097+0.0123i	0.0590-0.0690i	0.1044-0.0523i	0.1545-0.0210i	-0.0171+0.0167i	0.1139-0.0538i	-0.0150-0.1219i	-0.0098+0.0090i
29.0	0.1109+0.0104i	0.0713-0.0652i	0.1162-0.0476i	0.1634-0.0206i	-0.0362+0.0201i	0.0808-0.0690i	-0.0024-0.0448i	-0.0247+0.0106i
29.1	0.1129+0.0117i	0.0759-0.0667i	0.1161-0.0402i	0.1662-0.0201i	-0.0596+0.0185i	0.0713-0.0918i	0.0396+0.0203i	-0.0212+0.0049i
29.2	0.1202+0.0097i	0.1026-0.0705i	0.1195-0.0282i	0.1847-0.0242i	-0.0270+0.0194i	0.0613-0.1294i	0.0776-0.0867i	-0.0182+0.0067i
29.3	0.1250+0.0092i	0.1190-0.0606i	0.1271-0.0256i	0.2006-0.0203i	-0.0073+0.0062i	0.0323-0.1459i	0.0262-0.0602i	-0.0320+0.0045i
29.4	0.1312+0.0069i	0.1248-0.0623i	0.1316-0.0181i	0.2088-0.0223i	-0.0391-0.0087i	-0.0048-0.1372i	0.0899+0.0082i	-0.0487+0.0027i
29.5	0.1369+0.0064i	0.1438-0.0678i	0.1349-0.0102i	0.2215-0.0256i	-0.0240-0.0058i	-0.0013-0.1702i	0.0976-0.0496i	-0.0462+0.0038i
29.6	0.1406+0.0050i	0.1622-0.0814i	0.1335+0.0007i	0.2345-0.0315i	-0.0100-0.0258i	-0.0121-0.1864i	0.0855-0.1087i	-0.0488+0.0130i
29.7	0.1424+0.0059i	0.1786-0.0801i	0.1294+0.0052i	0.2428-0.0293i	-0.0269-0.0149i	-0.0565-0.1817i	0.1365-0.0565i	-0.0625+0.0030i
29.8	0.1428+0.0038i	0.1765-0.0738i	0.1374+0.0070i	0.2445-0.0293i	-0.0548-0.0382i	-0.0584-0.1925i	0.1308-0.1233i	-0.0662-0.0003i
29.9	0.1535+0.0032i	0.2134-0.0756i	0.1416+0.0143i	0.2759-0.0317i	-0.0657-0.0452i	-0.0508-0.2225i	0.1385-0.2581i	-0.0709+0.0216i
30.0	0.1566+0.0033i	0.2441-0.0738i	0.1355+0.0133i	0.2930-0.0338i	-0.0797-0.0115i	-0.0475-0.2457i	0.2288-0.1753i	-0.0808+0.0225i
30.1	0.1585-0.0014i	0.2367-0.0779i	0.1521+0.0084i	0.2969-0.0432i	-0.1015+0.0136i	-0.0576-0.2719i	0.1559-0.1624i	-0.0731+0.0179i
30.2	0.1580+0.0021i	0.2709-0.0750i	0.1529+0.0028i	0.3144-0.0415i	-0.0734-0.0001i	-0.0671-0.3182i	-0.0076-0.2435i	-0.0690+0.0236i
30.3	0.1627+0.0074i	0.2977-0.0925i	0.1303+0.0014i	0.3251-0.0468i	-0.0458-0.0193i	-0.1490-0.3284i	0.0250-0.2947i	-0.0753+0.0316i
30.4	0.1698+0.0154i	0.3229-0.1110i	0.1065+0.0042i	0.3434-0.0435i	-0.0605-0.0307i	-0.1591-0.3559i	0.0627-0.2242i	-0.0804+0.0230i
30.5	0.1706+0.0101i	0.3774-0.1185i	0.1151+0.0195i	0.3703-0.0533i	-0.0621+0.0119i	-0.1385-0.3861i	-0.0382-0.3916i	-0.0984+0.0365i
30.6	0.1781+0.0120i	0.4112-0.1544i	0.0971+0.0327i	0.3911-0.0675i	-0.0795-0.0246i	-0.1857-0.4144i	-0.0727-0.4633i	-0.0998+0.0311i
30.7	0.1887+0.0198i	0.4188-0.2360i	0.0963+0.0620i	0.4058-0.0941i	-0.0574-0.0630i	-0.2366-0.4394i	-0.1557-0.3710i	-0.0973+0.0357i
30.8	0.1994+0.0260i	0.4348-0.2761i	0.0915+0.0728i	0.4269-0.1024i	-0.0599-0.0439i	-0.2917-0.4586i	-0.2939-0.3195i	-0.1082+0.0468i

30.9	0.2130+0.0306i	0.4084-0.2968i	0.0850+0.0785i	0.4324-0.1049i	-0.0832-0.0515i	-0.2872-0.4401i	-0.3318-0.2627i	-0.0796+0.0458i
31.0	0.2115+0.0273i	0.4501-0.3186i	0.0919+0.0939i	0.4516-0.1204i	-0.0772-0.0441i	-0.3266-0.4253i	-0.3469-0.3132i	-0.1071+0.0444i
31.1	0.1996+0.0302i	0.5050-0.3307i	0.0855+0.0977i	0.4678-0.1277i	-0.0699-0.0510i	-0.3133-0.4720i	-0.3491-0.2102i	-0.1199+0.0403i
31.2	0.2073+0.0329i	0.5918-0.3685i	0.0622+0.1344i	0.5121-0.1421i	-0.0658-0.0535i	-0.3540-0.5064i	-0.3653-0.2463i	-0.1431+0.0421i
31.3	0.2256+0.0579i	0.5733-0.4861i	0.0526+0.1702i	0.5230-0.1663i	-0.0753-0.0878i	-0.3920-0.5036i	-0.4476-0.0870i	-0.1293+0.0469i
31.4	0.2347+0.0725i	0.5979-0.5723i	0.0473+0.1963i	0.5490-0.1899i	-0.0994-0.0814i	-0.3944-0.5306i	-0.5533-0.1178i	-0.1324+0.0602i
31.5	0.2858+0.0701i	0.4233-0.6337i	0.0569+0.2313i	0.5320-0.2234i	-0.1894-0.0558i	-0.4547-0.5843i	-0.5116-0.1188i	-0.1290+0.0770i
31.6	0.3043+0.0753i	0.3791-0.7067i	0.0756+0.2538i	0.5333-0.2546i	-0.1647-0.0421i	-0.4751-0.5833i	-0.4704-0.0938i	-0.1217+0.0886i
31.7	0.3058+0.0940i	0.4149-0.8388i	0.0974+0.2922i	0.5523-0.2997i	-0.1559-0.0700i	-0.5386-0.6198i	-0.4491-0.0539i	-0.1477+0.0948i
31.8	0.3348+0.1261i	0.3915-0.9677i	0.0818+0.3247i	0.5770-0.3236i	-0.1488-0.1063i	-0.5400-0.6424i	-0.4471+0.0193i	-0.1565+0.1050i
31.9	0.3532+0.1178i	0.3327-0.9090i	0.0806+0.3430i	0.5711-0.3050i	-0.1810-0.0664i	-0.5579-0.6577i	-0.3876+0.0591i	-0.1504+0.0729i
32.0	0.3934+0.0963i	0.2823-0.8396i	0.1091+0.4122i	0.5965-0.2963i	-0.2312+0.0238i	-0.6387-0.7268i	-0.3555-0.0001i	-0.1787+0.0613i
32.1	0.4255+0.0976i	0.2465-0.9508i	0.1281+0.4554i	0.6201-0.3524i	-0.2742+0.0308i	-0.6870-0.7786i	-0.3982+0.2316i	-0.1877+0.0924i
32.2	0.4626+0.0924i	0.1666-0.9911i	0.1627+0.5116i	0.6322-0.3830i	-0.2767+0.0744i	-0.7731-0.8398i	-0.3828+0.3006i	-0.1881+0.1108i
32.3	0.4836+0.0911i	0.0925-1.0080i	0.1917+0.5295i	0.6246-0.3954i	-0.2923+0.0665i	-0.7965-0.8128i	-0.3556+0.1993i	-0.1831+0.1149i
32.4	0.5342+0.1016i	-0.0717-1.1011i	0.2319+0.5445i	0.6106-0.4358i	-0.3037+0.0358i	-0.8508-0.7727i	-0.3369+0.2595i	-0.1920+0.1416i
32.5	0.5592+0.0855i	-0.0463-1.0650i	0.2687+0.5997i	0.6542-0.4462i	-0.2844+0.0621i	-0.9555-0.8241i	-0.2858+0.1933i	-0.2123+0.1457i
32.6	0.6157+0.0539i	-0.1733-0.9421i	0.3187+0.6660i	0.6581-0.4339i	-0.3080+0.0946i	-1.0006-0.9143i	-0.3184+0.2694i	-0.1852+0.1229i
32.7	0.6865+0.0487i	-0.2817-1.0008i	0.3743+0.7434i	0.6907-0.4780i	-0.3377+0.1518i	-1.0543-0.9354i	-0.3963+0.3359i	-0.1863+0.1477i
32.8	0.7263+0.0389i	-0.3420-1.0404i	0.4312+0.7821i	0.7092-0.5166i	-0.3181+0.2275i	-1.1037-0.8986i	-0.3641+0.2243i	-0.1689+0.1755i
32.9	0.7966+0.0055i	-0.5058-1.0017i	0.5292+0.8527i	0.7089-0.5540i	-0.2611+0.2497i	-1.1416-0.9429i	-0.3436+0.3193i	-0.1349+0.1731i
33.0	0.8629-0.0427i	-0.5358-0.8819i	0.6741+0.9239i	0.7629-0.5590i	-0.2120+0.2953i	-1.2761-0.9946i	-0.3279+0.2276i	-0.1575+0.1473i
33.1	0.8987-0.0926i	-0.4977-0.7829i	0.8163+0.9511i	0.8187-0.5693i	-0.1706+0.3348i	-1.4228-1.0484i	-0.3173+0.1823i	-0.2004+0.1210i
33.2	0.9584-0.1914i	-0.5091-0.6056i	1.0376+0.9549i	0.8768-0.6089i	-0.1570+0.3612i	-1.6045-1.0876i	-0.3065+0.2305i	-0.2600+0.1205i
33.3	1.0061-0.2390i	-0.5184-0.5718i	1.1916+0.9336i	0.9247-0.6564i	-0.1303+0.3431i	-1.7279-1.1225i	-0.2881+0.3277i	-0.2954+0.1184i
33.4	1.0743-0.2993i	-0.4509-0.5698i	1.3983+0.9297i	1.0389-0.7340i	-0.0910+0.3767i	-1.9798-1.1570i	-0.2670+0.3572i	-0.3640+0.1383i
33.5	1.1470-0.4130i	-0.3753-0.6311i	1.6787+0.7792i	1.1594-0.9126i	-0.0402+0.3470i	-2.3189-1.0956i	-0.3321+0.3975i	-0.4660+0.2240i
33.6	1.1805-0.5200i	-0.3582-0.6375i	1.8221+0.5916i	1.2037-1.0550i	-0.0172+0.3248i	-2.4995-1.0334i	-0.3096+0.4857i	-0.5223+0.2842i
33.7	1.2688-0.6826i	-0.3457-0.6141i	2.0097+0.4343i	1.3072-1.2536i	-0.0028+0.3178i	-2.8113-0.9941i	-0.2358+0.4791i	-0.6018+0.3484i
33.8	1.3317-0.8562i	-0.3309-0.6505i	2.1580+0.2490i	1.3814-1.4954i	-0.0455+0.3170i	-3.1092-0.9047i	-0.2305+0.5507i	-0.6705+0.4350i
33.9	1.3527-1.1088i	-0.3977-0.7494i	2.2311+0.0464i	1.3598-1.8679i	-0.0962+0.3523i	-3.4867-0.7200i	-0.2001+0.5540i	-0.6947+0.5864i
34.0	1.3363-1.4478i	-0.4659-0.8107i	2.4864-0.1149i	1.2959-2.3261i	-0.0678+0.4445i	-4.1582-0.4786i	-0.1918+0.5298i	-0.7735+0.7930i
34.1	1.1761-1.8099i	-0.4645-0.8148i	2.8620-0.4089i	1.0891-2.7898i	0.0238+0.5794i	-4.8645+0.0215i	-0.1611+0.6481i	-0.8716+1.0443i
34.2	0.7510-2.1464i	-0.4812-0.8903i	3.1001-1.2329i	0.5225-3.2805i	0.2458+0.5755i	-5.4685+1.3690i	-0.1683+0.7012i	-0.7532+1.5461i
34.3	0.0512-2.3171i	-0.7842-0.9930i	2.6781-2.5690i	-0.5881-3.5722i	0.4745+0.5034i	-4.9252+3.6210i	-0.0262+0.8571i	-0.1441+2.1434i
34.4	-0.4381-2.1714i	-1.0388-1.0248i	1.9094-3.1740i	-1.4026-3.3881i	0.5778+0.4390i	-3.7665+4.7144i	0.1920+0.8372i	0.4704+2.2617i
34.5	-0.9577-1.6719i	-1.4734-0.7111i	0.3888-3.2463i	-2.3723-2.4917i	0.5868+0.2139i	-1.2263+4.9781i	0.4949+0.8118i	1.5025+1.8101i
34.6	-1.1569-1.2220i	-1.6778-0.2946i	-0.5101-2.8056i	-2.7527-1.5907i	0.5423+0.0109i	0.3195+4.2941i	0.6023+0.6129i	1.9834+1.1243i
34.7	-1.1233-0.8653i	-1.6438+0.0751i	-0.9240-2.1436i	-2.6608-0.8549i	0.5064-0.0616i	0.9722+3.2325i	0.6228+0.4264i	2.0406+0.4714i
34.8	-0.9810-0.6111i	-1.4358+0.3512i	-0.9502-1.5468i	-2.2975-0.3277i	0.4478-0.1427i	1.0537+2.2381i	0.5716+0.3275i	1.7746-0.0713i
34.9	-0.8056-0.4135i	-1.1681+0.5448i	-0.8508-1.0919i	-1.8522+0.0484i	0.3448-0.1815i	0.8402+1.4685i	0.4038+0.2415i	1.4004-0.4200i
35.0	-0.6982-0.3178i	-0.9482+0.6241i	-0.7332-0.8861i	-1.5403+0.2122i	0.2834-0.1997i	0.5968+1.0679i	0.3368+0.2067i	1.0947-0.5653i
35.1	-0.6002-0.2188i	-0.6819+0.6533i	-0.6115-0.7083i	-1.2088+0.3298i	0.2001-0.1935i	0.2876+0.7514i	0.2824+0.1824i	0.7519-0.6044i
35.2	-0.4960-0.1462i	-0.5157+0.6092i	-0.5230-0.5950i	-0.9520+0.3603i	0.1309-0.1685i	0.0846+0.6228i	0.2263+0.1439i	0.5122-0.5698i
35.3	-0.3939-0.1222i	-0.3608+0.5098i	-0.4216-0.5330i	-0.7116+0.2966i	0.0999-0.1741i	-0.0915+0.5856i	0.2864+0.1553i	0.3362-0.4832i
35.4	-0.2921-0.0975i	-0.2940+0.4218i	-0.3739-0.4777i	-0.5500+0.2497i	0.0887-0.1477i	-0.2492+0.5655i	0.2708+0.1537i	0.2480-0.3839i
35.5	-0.2038-0.0491i	-0.2147+0.3437i	-0.3497-0.4105i	-0.3908+0.2337i	0.0520-0.1210i	-0.3271+0.5185i	0.1955+0.1362i	0.1403-0.2916i
35.6	-0.1379-0.0677i	-0.1620+0.2819i	-0.3210-0.3943i	-0.2837+0.1567i	0.0245-0.1126i	-0.3859+0.4779i	0.2049+0.0678i	0.0943-0.2599i
35.7	-0.0807-0.0804i	-0.1382+0.2253i	-0.2807-0.3477i	-0.2039+0.0902i	0.0106-0.0588i	-0.4315+0.4400i	0.2612+0.1769i	0.0846-0.2008i
35.8	-0.0050-0.0579i	-0.1339+0.1365i	-0.2285-0.2798i	-0.1154+0.0397i	0.0018-0.0308i	-0.4838+0.4175i	0.2384+0.2628i	0.0779-0.1040i
35.9	0.0616-0.0614i	-0.1358+0.1048i	-0.2163-0.2569i	-0.0478+0.0024i	0.0158+0.0027i	-0.5252+0.3488i	0.2005+0.1949i	0.0690-0.0400i
36.0	0.1196-0.0592i	-0.1501+0.0712i	-0.2068-0.2253i	0.0043-0.0246i	0.0279+0.0340i	-0.5132+0.3286i	0.1655+0.1821i	0.0556-0.0189i
36.1	0.1756-0.0880i	-0.1669+0.0404i	-0.1698-0.1921i	0.0426-0.0865i	0.0149+0.0125i	-0.5886+0.2688i	0.2343+0.1369i	0.0545-0.0066i
36.2	0.2177-0.1160i	-0.1536+0.0227i	-0.1353-0.1664i	0.0848-0.1302i	0.0365+0.0112i	-0.7146+0.2210i	0.2340+0.0932i	0.0721+0.0079i
36.3	0.2464-0.1107i	-0.1441+0.0131i	-0.1182-0.1678i	0.1212-0.1266i	0.0516+0.0117i	-0.7566+0.2780i	0.1717+0.0843i	0.0592+0.0106i
36.4	0.3004-0.1679i	-0.1834-0.0071i	-0.0760-0.1404i	0.1489-0.2075i	0.0538+0.0230i	-0.8043+0.2564i	0.1982+0.1328i	0.0580-0.0094i
36.5	0.3284-0.2215i	-0.1992-0.0078i	-0.0522-0.1431i	0.1618-0.2682i	0.0478+0.0242i	-0.8457+0.2633i	0.1467+0.1774i	0.0635+0.0305i
36.6	0.3755-0.2766i	-0.1910-0.0154i	-0.0293-0.1428i	0.2027-0.3318i	0.0761-0.0016i	-0.9476+0.2840i	0.1532+0.1421i	0.0952+0.0544i
36.7	0.4120-0.3314i	-0.2020-0.0146i	0.0035-0.1223i	0.2291-0.3880i	0.0751+0.0104i	-1.0171+0.2738i	0.1419+0.1357i	0.0907+0.0704i
36.8	0.4510-0.3551i	-0.2041-0.0135i	0.0230-0.1240i	0.2644-0.4168i	0.0786+0.0209i	-1.0785+0.2757i	0.1310+0.1781i	0.0891+0.0828i
36.9	0.4484-0.3839i	-0.2018-0.0107i	0.0272-0.1221i	0.2600-0.4497i	0.0855+0.0346i	-1.0994+0.2992i	0.1385+0.1854i	0.1018+0.0509i
37.0	0.4597-0.4248i	-0.2210-0.0250i	0.0487-0.1132i	0.2606-0.5031i	0.1016+0.0664i	-1.1127+0.2970i	0.1380+0.1547i	0.0782+0.0441i
37.1	0.4894-0.4761i	-0.2280-0.0233i	0.0751-0.1126i	0.2799-0.5574i	0.1273+0.0764i	-1.1838+0.2840i	0.1618+0.1728i	0.0830+0.0833i

37.2	0.4997-0.5309i	-0.2264-0.0081i	0.0940-0.1245i	0.2846-0.6003i	0.1404+0.0599i	-1.2706+0.3326i	0.2115+0.1963i	0.1245+0.1071i
37.3	0.5093-0.5866i	-0.2343-0.0056i	0.1126-0.1437i	0.2828-0.6546i	0.1238+0.0387i	-1.3682+0.3829i	0.1896+0.2113i	0.1068+0.1166i
37.4	0.5159-0.6722i	-0.2422+0.0118i	0.1416-0.1374i	0.2776-0.7287i	0.1368+0.0477i	-1.4492+0.4359i	0.2076+0.2311i	0.1438+0.0922i
37.5	0.5110-0.7113i	-0.2534+0.0346i	0.1603-0.1385i	0.2605-0.7537i	0.1652+0.0553i	-1.4799+0.4584i	0.1952+0.2287i	0.0995+0.0713i
37.6	0.5211-0.7752i	-0.2596+0.0489i	0.1813-0.1594i	0.2628-0.8066i	0.1660+0.0489i	-1.5310+0.5203i	0.1898+0.1967i	0.0918+0.1169i
37.7	0.4883-0.7976i	-0.2700+0.0502i	0.1632-0.1929i	0.2235-0.8219i	0.1932+0.0302i	-1.5015+0.5989i	0.1951+0.2123i	0.0876+0.1615i
37.8	0.4857-0.8353i	-0.2671+0.0458i	0.1711-0.1920i	0.2213-0.8680i	0.1859+0.0130i	-1.5463+0.6040i	0.2142+0.2027i	0.1234+0.1307i
37.9	0.4207-0.9255i	-0.2362+0.0702i	0.1764-0.2323i	0.1695-0.9383i	0.2028-0.0027i	-1.5775+0.7294i	0.1906+0.1922i	0.1098+0.1659i
38.0	0.3548-0.9251i	-0.2406+0.0698i	0.1493-0.2522i	0.0960-0.9311i	0.2390-0.0191i	-1.5544+0.8005i	0.1884+0.2067i	0.1051+0.1604i
38.1	0.3386-0.9203i	-0.2444+0.0726i	0.1203-0.2373i	0.0782-0.9250i	0.2232-0.0225i	-1.5147+0.8328i	0.2044+0.1611i	0.1271+0.1529i
38.2	0.2862-1.0145i	-0.2411+0.1005i	0.1282-0.2997i	0.0205-1.0005i	0.2025-0.0621i	-1.5235+1.0055i	0.1989+0.1609i	0.0929+0.1825i
38.3	0.2215-1.0346i	-0.2499+0.1281i	0.0951-0.3007i	-0.0534-0.9958i	0.2088-0.0945i	-1.4525+1.0871i	0.1902+0.1712i	0.0496+0.1950i
38.4	0.2170-1.0760i	-0.2215+0.1352i	0.0755-0.3256i	-0.0362-1.0329i	0.2051-0.1019i	-1.4511+1.1678i	0.2150+0.1877i	0.1042+0.2001i
38.5	0.1394-1.0763i	-0.2079+0.1255i	0.0671-0.3283i	-0.1001-1.0393i	0.2013-0.1192i	-1.3621+1.2083i	0.2382+0.1778i	0.0803+0.1603i
38.6	0.0905-1.1189i	-0.1755+0.1335i	0.0335-0.2983i	-0.1271-1.0776i	0.2022-0.1353i	-1.2953+1.2265i	0.2528+0.1606i	0.1526+0.1478i
38.7	0.0302-1.1283i	-0.1446+0.1454i	-0.0159-0.3199i	-0.1717-1.0787i	0.1618-0.1670i	-1.2266+1.2742i	0.2597+0.1730i	0.1942+0.1945i
38.8	-0.0344-1.1787i	-0.1259+0.1683i	-0.0294-0.3455i	-0.2269-1.1183i	0.1453-0.2004i	-1.1944+1.3269i	0.2868+0.1928i	0.2026+0.2276i
38.9	-0.1041-1.1693i	-0.1126+0.1611i	-0.0463-0.3299i	-0.2862-1.1225i	0.1398-0.1756i	-1.1413+1.3219i	0.3004+0.1674i	0.1921+0.1914i
39.0	-0.1379-1.1463i	-0.1050+0.1118i	-0.0732-0.3116i	-0.3181-1.1329i	0.1356-0.1699i	-1.1011+1.3527i	0.3251+0.1226i	0.1998+0.0976i
39.1	-0.1130-1.1596i	-0.0934+0.1197i	-0.0788-0.2961i	-0.2849-1.1449i	0.1589-0.1898i	-1.1206+1.3403i	0.2898+0.1261i	0.2099+0.1044i
39.2	-0.1592-1.1272i	-0.1162+0.1236i	-0.1079-0.2854i	-0.3528-1.1127i	0.1786-0.2611i	-1.0439+1.3425i	0.2673+0.1301i	0.1298+0.1074i
39.3	-0.2128-1.1312i	-0.1258+0.1184i	-0.1215-0.2679i	-0.4188-1.1263i	0.1513-0.2648i	-0.9749+1.3681i	0.2473+0.1082i	0.0563+0.1033i
39.4	-0.2768-1.1570i	-0.0927+0.1532i	-0.1391-0.2602i	-0.4696-1.1308i	0.1106-0.2605i	-0.9338+1.3741i	0.2737+0.1351i	0.0951+0.1830i
39.5	-0.3196-1.1227i	-0.0937+0.1528i	-0.1816-0.2189i	-0.5194-1.0952i	0.0768-0.2435i	-0.8538+1.3425i	0.2698+0.1333i	0.0736+0.2282i
39.6	-0.3297-1.1123i	-0.0781+0.1230i	-0.1981-0.1619i	-0.5243-1.1052i	0.0847-0.2273i	-0.8343+1.2850i	0.2886+0.1405i	0.1169+0.2434i
39.7	-0.3918-1.1302i	-0.0768+0.1155i	-0.1651-0.1319i	-0.6024-1.1294i	0.0772-0.2350i	-0.8463+1.3118i	0.2951+0.1632i	0.1336+0.2419i
39.8	-0.4451-1.1051i	-0.0558+0.1279i	-0.1812-0.1308i	-0.6524-1.0885i	0.0567-0.2353i	-0.8029+1.3473i	0.3031+0.1468i	0.1592+0.2699i
39.9	-0.4695-1.0666i	-0.0304+0.1102i	-0.1938-0.1077i	-0.6590-1.0574i	0.0319-0.2120i	-0.7808+1.3220i	0.3350+0.0831i	0.2275+0.2158i
40.0	-0.4654-1.0352i	-0.0257+0.1302i	-0.2103-0.0701i	-0.6520-1.0050i	0.0136-0.2434i	-0.7300+1.2745i	0.3354+0.1375i	0.2244+0.3206i
40.1	-0.4788-1.0308i	0.0006+0.1600i	-0.1942-0.0620i	-0.6583-0.9749i	-0.0217-0.2561i	-0.7176+1.2320i	0.3530+0.1696i	0.2458+0.4076i
40.2	-0.5635-0.9810i	0.0177+0.1610i	-0.1661-0.0444i	-0.7470-0.9153i	-0.0153-0.2512i	-0.6792+1.2106i	0.3519+0.1356i	0.2800+0.3912i
40.3	-0.5834-0.9482i	0.0105+0.1400i	-0.1555-0.0184i	-0.7715-0.8892i	-0.0126-0.2626i	-0.6401+1.1610i	0.3435+0.1233i	0.2831+0.3977i
40.4	-0.5951-0.9507i	0.0125+0.1134i	-0.1677+0.0446i	-0.7696-0.9052i	-0.0217-0.2377i	-0.6133+1.0862i	0.3128+0.1274i	0.3248+0.4080i
40.5	-0.6349-0.9309i	0.0140+0.1412i	-0.1347+0.0663i	-0.8150-0.8672i	-0.0602-0.2380i	-0.6581+1.0183i	0.3219+0.1631i	0.3846+0.4857i
40.6	-0.6117-0.8989i	0.0458+0.1357i	-0.0874+0.0619i	-0.7823-0.8338i	-0.0781-0.2276i	-0.7797+1.0539i	0.4017+0.1268i	0.4865+0.3973i
40.7	-0.6310-0.8519i	0.0648+0.1248i	-0.0843+0.0793i	-0.7916-0.7889i	-0.0992-0.2054i	-0.7764+1.0390i	0.4335+0.1139i	0.5494+0.3863i
40.8	-0.6633-0.8368i	0.0864+0.1407i	-0.0468+0.0638i	-0.8100-0.7507i	-0.0846-0.2006i	-0.7683+1.0712i	0.4695+0.0983i	0.6034+0.3926i
40.9	-0.6529-0.8052i	0.1004+0.1229i	-0.0377+0.0392i	-0.7964-0.7249i	-0.0534-0.1976i	-0.8302+1.1016i	0.5244+0.0566i	0.6396+0.3145i
41.0	-0.6845-0.7979i	0.0990+0.0849i	-0.0251+0.0382i	-0.8354-0.7315i	-0.0715-0.1920i	-0.8159+1.1475i	0.5020+0.0061i	0.6521+0.2377i
41.1	-0.6808-0.8178i	0.0394+0.0766i	-0.0223+0.0161i	-0.8661-0.7550i	-0.0909-0.1660i	-0.7655+1.2485i	0.4614+0.0005i	0.5315+0.1665i
41.2	-0.6665-0.7779i	0.0896+0.0618i	-0.0631-0.0004i	-0.8087-0.7166i	-0.1245-0.1467i	-0.7259+1.2559i	0.4691-0.0358i	0.5870+0.0518i
41.3	-0.6548-0.7601i	0.1054+0.0055i	-0.0580+0.1255i	-0.7850-0.7511i	-0.0957-0.1194i	-0.7200+1.0846i	0.4135-0.0623i	0.6122-0.0481i
41.4	-0.6018-0.7102i	0.1448-0.0409i	-0.0335+0.1457i	-0.7143-0.7244i	-0.0658-0.0939i	-0.9282+1.0611i	0.4774-0.1160i	0.7055-0.0942i
41.5	-0.6529-0.7104i	0.1159-0.0300i	0.0250+0.0966i	-0.7822-0.7006i	-0.0929-0.1440i	-0.8472+1.1338i	0.4729-0.1307i	0.6921-0.0400i
41.6	-0.6548-0.6691i	0.1222-0.0469i	-0.0394+0.0153i	-0.7689-0.6532i	-0.1433-0.1301i	-0.7797+1.1913i	0.4717-0.1638i	0.6755-0.1125i
41.7	-0.6791-0.6749i	0.0704-0.0171i	0.0222+0.0093i	-0.8286-0.6356i	-0.1289-0.1536i	-0.7879+1.2003i	0.4000-0.1483i	0.5940-0.0798i
41.8	-0.6616-0.6456i	0.0762-0.0362i	-0.0357+0.0403i	-0.7909-0.6122i	-0.1370-0.1386i	-0.7663+1.1853i	0.4008-0.1861i	0.6013-0.1381i
41.9	-0.6662-0.6301i	0.0479+0.0167i	0.0296-0.0030i	-0.8245-0.5619i	-0.1512-0.1308i	-0.8848+1.1977i	0.4159-0.1544i	0.5959-0.1010i
42.0	-0.6709-0.6753i	0.0346+0.0295i	0.0626+0.0585i	-0.8520-0.6113i	-0.1157-0.1098i	-0.8342+1.2089i	0.3780-0.1575i	0.5291-0.0802i
42.1	-0.6469-0.6756i	0.0735+0.0014i	0.0383+0.0671i	-0.8029-0.6309i	-0.1298-0.0714i	-0.9250+1.2672i	0.4056-0.1875i	0.5801-0.1703i
42.2	-0.6160-0.6507i	0.1380-0.0202i	-0.0668+0.0003i	-0.7110-0.6029i	-0.1414-0.0340i	-0.8843+1.4486i	0.4046-0.2487i	0.6314-0.2807i
42.3	-0.6238-0.6966i	0.1192-0.0492i	-0.0825+0.0769i	-0.7310-0.6661i	-0.1006-0.0229i	-0.7120+1.4508i	0.3573-0.2519i	0.5335-0.2770i
42.4	-0.6559-0.7217i	0.0832-0.0698i	0.0493+0.1094i	-0.7833-0.6927i	-0.0925-0.0573i	-0.7637+1.4839i	0.2629-0.2901i	0.5165-0.3031i
42.5	-0.6730-0.7451i	0.0612-0.0837i	0.0140+0.1118i	-0.7975-0.7274i	-0.0659-0.0549i	-0.5744+1.5290i	0.2194-0.3052i	0.4133-0.3603i
42.6	-0.7289-0.7608i	0.0238-0.0685i	0.0562+0.0954i	-0.8744-0.7371i	-0.0532-0.0556i	-0.4111+1.5152i	0.1967-0.2723i	0.3112-0.3186i
42.7	-0.7301-0.6763i	0.0568-0.0720i	-0.0532+0.0538i	-0.8387-0.6613i	-0.1171-0.0424i	-0.3447+1.3124i	0.2426-0.2298i	0.3687-0.2949i
42.8	-0.7390-0.6347i	0.0351-0.0424i	-0.0825+0.0562i	-0.8682-0.6093i	-0.1062-0.0516i	-0.4109+1.1664i	0.2351-0.1423i	0.3350-0.2028i
42.9	-0.7063-0.7149i	0.0113-0.0290i	-0.0243+0.1744i	-0.8694-0.6866i	-0.0784-0.0392i	-0.5266+1.3069i	0.1841-0.2394i	0.2890-0.2183i
43.0	-0.7345-0.7352i	0.0614-0.0247i	-0.0285+0.1520i	-0.8645-0.6932i	-0.0474-0.0555i	-0.4374+1.4014i	0.2349-0.2230i	0.3478-0.2624i
43.1	-0.7686-0.7419i	0.0552-0.0515i	-0.0519+0.1723i	-0.8873-0.7132i	-0.0761-0.0442i	-0.2722+1.4059i	0.1968-0.2773i	0.2775-0.3010i
43.2	-0.7937-0.7069i	0.0370-0.0556i	-0.1175+0.1998i	-0.9024-0.6989i	-0.0858+0.0213i	-0.0540+1.2460i	0.1592-0.2901i	0.1679-0.2937i
43.3	-0.8301-0.6522i	0.0651-0.0488i	-0.0986+0.2580i	-0.9404-0.6527i	-0.0911+0.0291i	-0.1960+0.9314i	0.1896-0.2163i	0.2313-0.1947i
43.4	-0.8546-0.6390i	0.0520-0.0467i	0.0120+0.2347i	-0.9991-0.6406i	-0.0478-0.0387i	-0.4059+0.9293i	0.1496-0.1442i	0.2467-0.1652i

43.5	-0.8130-0.6412i	0.0250-0.0612i	0.0020+0.2853i	-0.9743-0.6400i	-0.0485-0.0735i	-0.5248+0.9827i	0.1706-0.1530i	0.2637-0.1341i
43.6	-0.8358-0.6747i	0.0302-0.0170i	0.0707+0.2646i	-0.9917-0.6320i	-0.0704-0.0816i	-0.5625+1.1769i	0.2196-0.1670i	0.3223-0.1525i
43.7	-0.9267-0.7010i	0.0367-0.0040i	0.1442+0.2012i	-1.0747-0.6568i	-0.0757-0.0867i	-0.3213+1.3006i	0.1789-0.1684i	0.2728-0.2112i
43.8	-0.9512-0.6425i	0.0678-0.0178i	0.0381+0.2258i	-1.0810-0.6143i	-0.0766-0.0548i	-0.1443+1.0427i	0.1983-0.1606i	0.2438-0.1684i
43.9	-0.9313-0.6256i	0.0782-0.0482i	0.0558+0.3429i	-1.0565-0.6134i	-0.0680-0.0049i	-0.3050+0.8707i	0.1865-0.2384i	0.3087-0.1913i
44.0	-0.9380-0.5965i	0.0911-0.0263i	0.0397+0.3532i	-1.0622-0.5703i	-0.0744-0.0085i	-0.4019+0.8179i	0.1902-0.2445i	0.3460-0.1727i
44.1	-0.9294-0.5764i	0.1299-0.0331i	0.0655+0.3992i	-1.0548-0.5497i	-0.0607-0.0220i	-0.5739+0.7460i	0.2322-0.2087i	0.3772-0.1308i
44.2	-0.9900-0.6184i	0.0964-0.0861i	0.2526+0.4008i	-1.1359-0.5976i	-0.0685-0.0423i	-0.6371+0.9966i	0.1938-0.2972i	0.3894-0.2234i
44.3	-1.0533-0.6257i	0.0441-0.0969i	0.3312+0.3287i	-1.1984-0.5939i	-0.1202-0.0344i	-0.5496+1.2305i	0.1223-0.3348i	0.3735-0.3369i
44.4	-1.0838-0.5618i	0.0510-0.0675i	0.2600+0.2506i	-1.2153-0.5213i	-0.1116-0.0363i	-0.3360+1.1743i	0.1387-0.2902i	0.3061-0.3383i
44.5	-1.0920-0.5060i	0.0884-0.0634i	0.1955+0.2741i	-1.2036-0.4796i	-0.0941-0.0100i	-0.2104+0.9284i	0.1292-0.2789i	0.2642-0.2975i
44.6	-1.0972-0.4418i	0.0861-0.0787i	0.1869+0.2083i	-1.2079-0.4211i	-0.0946+0.0024i	-0.2474+0.8112i	0.1181-0.2341i	0.2741-0.2779i
44.7	-1.1020-0.4020i	0.0489-0.0905i	0.1883+0.2470i	-1.2272-0.4036i	-0.0604+0.0035i	-0.2480+0.6776i	0.0752-0.2332i	0.2200-0.2609i
44.8	-1.1207-0.3839i	0.0244-0.0790i	0.2526+0.2918i	-1.2693-0.3987i	-0.0463+0.0134i	-0.2874+0.5371i	0.0247-0.1845i	0.2016-0.2055i
44.9	-1.0725-0.3846i	0.0262-0.0640i	0.2888+0.3797i	-1.2383-0.3871i	-0.0348-0.0148i	-0.6452+0.4598i	-0.0064-0.2019i	0.2327-0.1714i
45.0	-1.0869-0.4294i	0.0282-0.0676i	0.3862+0.4208i	-1.2600-0.4190i	-0.0594+0.0084i	-0.7848+0.6782i	0.0443-0.2825i	0.2689-0.2434i
45.1	-1.1256-0.4040i	0.0244-0.0753i	0.4187+0.3140i	-1.2924-0.3968i	-0.0372+0.0042i	-0.7550+0.9007i	0.0593-0.3006i	0.2822-0.3600i
45.2	-1.1315-0.3592i	0.0313-0.0429i	0.3433+0.2487i	-1.3048-0.3269i	-0.0359-0.0195i	-0.6198+0.9751i	0.1125-0.2581i	0.2572-0.3261i
45.3	-1.1433-0.3636i	0.0651-0.0467i	0.3605+0.2559i	-1.2937-0.3196i	-0.0474+0.0014i	-0.5327+0.9984i	0.0938-0.2419i	0.2588-0.3218i
45.4	-1.1328-0.3247i	0.0864-0.0472i	0.2529+0.2699i	-1.2656-0.2834i	-0.0619+0.0031i	-0.3577+0.7797i	0.0555-0.2177i	0.2334-0.3107i
45.5	-1.1198-0.2652i	0.0705-0.0486i	0.2699+0.2970i	-1.2767-0.2361i	-0.0236-0.0197i	-0.5068+0.5390i	0.0528-0.1482i	0.2495-0.2491i
45.6	-1.1127-0.2534i	0.0509-0.0500i	0.3446+0.3250i	-1.2880-0.2330i	-0.0135-0.0062i	-0.5954+0.5350i	0.0306-0.1438i	0.2248-0.2316i
45.7	-1.1570-0.2717i	0.0523-0.0519i	0.4054+0.3808i	-1.3295-0.2492i	-0.0332-0.0119i	-0.5840+0.4890i	-0.0365-0.1326i	0.2104-0.2251i
45.8	-1.1904-0.2564i	0.0684-0.0447i	0.4988+0.3820i	-1.3556-0.2064i	-0.0321-0.0374i	-0.7351+0.4958i	-0.0786-0.2200i	0.2033-0.2518i
45.9	-1.2167-0.1925i	0.0736-0.0413i	0.5655+0.2279i	-1.3900-0.1243i	-0.0046-0.0531i	-0.8015+0.6640i	-0.0297-0.1815i	0.1810-0.2920i
46.0	-1.1961-0.1630i	0.0832-0.0456i	0.4959+0.2171i	-1.3689-0.0907i	-0.0566-0.0623i	-0.6972+0.6316i	-0.0106-0.1258i	0.1774-0.2698i
46.1	-1.2173-0.1183i	0.0833-0.0580i	0.5457+0.1928i	-1.3742-0.0342i	-0.0551-0.0339i	-0.7297+0.5569i	-0.0695-0.1072i	0.1538-0.2671i
46.2	-1.1856-0.0864i	0.0745-0.0620i	0.4542+0.1525i	-1.3206-0.0133i	-0.0204+0.0078i	-0.6772+0.5217i	-0.0135-0.0451i	0.1314-0.2183i
46.3	-1.1860-0.0842i	0.0680-0.0495i	0.4612+0.2493i	-1.3347-0.0195i	0.0018-0.0263i	-0.8308+0.3470i	0.0789-0.0241i	0.1771-0.1700i
46.4	-1.2218-0.0336i	0.0899-0.0658i	0.5831+0.2235i	-1.3525+0.0267i	-0.0183-0.0182i	-1.0070+0.4437i	-0.0238-0.0645i	0.1437-0.1967i
46.5	-1.1749+0.0121i	0.0931-0.0798i	0.5656+0.1640i	-1.3055+0.0712i	-0.0600-0.0079i	-0.9972+0.5755i	0.0112-0.0643i	0.1645-0.2022i
46.6	-1.1263+0.0309i	0.0756-0.0655i	0.5336+0.1395i	-1.2771+0.1049i	-0.0512-0.0253i	-0.9637+0.5432i	0.0615-0.0697i	0.1840-0.1867i
46.7	-1.1196+0.0387i	0.0825-0.0702i	0.5329+0.1567i	-1.2641+0.1096i	-0.0761-0.0099i	-0.9210+0.4597i	0.0101-0.0333i	0.1741-0.1359i
46.8	-1.1252+0.0187i	0.0923-0.0675i	0.5314+0.1952i	-1.2595+0.0961i	-0.0674+0.0198i	-0.9632+0.3367i	0.0580-0.0004i	0.2016-0.1295i
46.9	-1.1444+0.0311i	0.0905-0.0706i	0.5807+0.2135i	-1.2760+0.1195i	-0.0707-0.0013i	-1.1287+0.2917i	0.1434-0.0191i	0.2610-0.1521i
47.0	-1.1637+0.0828i	0.0722-0.0753i	0.6400+0.1193i	-1.2904+0.1631i	-0.0264+0.0238i	-1.1410+0.4533i	0.1029-0.0945i	0.2149-0.2141i
47.1	-1.1003+0.1239i	0.0778-0.0780i	0.5114+0.0584i	-1.2356+0.1888i	-0.0584+0.0463i	-1.0138+0.4525i	0.1150-0.0858i	0.2105-0.1893i
47.2	-1.0442+0.0754i	0.1097-0.0976i	0.4723+0.2289i	-1.1758+0.1534i	-0.0918+0.0414i	-1.1665+0.2744i	0.1520-0.0611i	0.2717-0.1693i
47.3	-1.0597+0.0664i	0.1168-0.1124i	0.5499+0.2565i	-1.1711+0.1568i	-0.1094+0.0491i	-1.3167+0.3060i	0.1630-0.0691i	0.3108-0.1934i
47.4	-1.0894+0.0862i	0.0949-0.1250i	0.6290+0.2540i	-1.1823+0.1787i	-0.0906+0.0295i	-1.3874+0.3135i	0.1085-0.0880i	0.2911-0.1788i
47.5	-1.0889+0.1104i	0.0517-0.1395i	0.6631+0.2730i	-1.1870+0.1865i	-0.0614+0.0235i	-1.3891+0.2069i	0.0569-0.0519i	0.2439-0.1265i
47.6	-1.0634+0.1413i	0.0212-0.0858i	0.7834+0.2975i	-1.1738+0.2265i	-0.0400+0.0464i	-1.7369+0.0027i	0.0959-0.0482i	0.3275-0.0659i
47.7	-1.0470+0.1579i	0.0402-0.0679i	0.9134+0.1697i	-1.1420+0.2443i	-0.0517+0.0483i	-2.1058+0.3450i	0.1390-0.0943i	0.4237-0.1627i
47.8	-1.0040+0.1293i	0.0794-0.0564i	0.8118+0.0247i	-1.0754+0.2274i	-0.1496+0.0475i	-1.9675+0.7650i	0.0856-0.2205i	0.3625-0.3372i
47.9	-1.0271+0.1049i	0.0973-0.0672i	0.7280+0.1045i	-1.0989+0.1976i	-0.1120+0.1061i	-1.7482+0.5921i	0.0538-0.1263i	0.3219-0.2507i
48.0	-1.0730+0.1720i	0.0936-0.0892i	0.9024-0.0014i	-1.1401+0.2516i	-0.0959+0.0620i	-2.0279+0.5981i	0.0844-0.0937i	0.3813-0.2461i
48.1	-1.0257+0.1881i	0.0786-0.0989i	0.7508-0.1343i	-1.0999+0.2617i	-0.1028+0.0631i	-1.8913+0.7960i	0.1106-0.1281i	0.3561-0.3132i
48.2	-1.0223+0.1703i	0.0703-0.0966i	0.7088-0.0832i	-1.0913+0.2493i	-0.1011+0.0730i	-1.8998+0.7256i	0.0516-0.1685i	0.3058-0.3240i
48.3	-1.0043+0.1678i	0.0522-0.1060i	0.6475-0.0602i	-1.0721+0.2382i	-0.0750+0.1022i	-1.8278+0.7033i	0.0981-0.1896i	0.2784-0.3423i
48.4	-1.0292+0.1220i	0.0440-0.1017i	0.7071+0.0860i	-1.0729+0.2005i	-0.0788+0.1094i	-1.8808+0.5457i	0.0699-0.2084i	0.2680-0.3209i
48.5	-1.0578+0.1315i	0.0534-0.1109i	0.8235+0.1279i	-1.0887+0.1986i	-0.0616+0.1069i	-2.1262+0.4502i	0.1209-0.1971i	0.3583-0.3145i
48.6	-1.0727+0.1824i	0.0419-0.1332i	1.0217-0.0184i	-1.0932+0.2234i	-0.0868+0.0599i	-2.5028+0.6822i	0.0220-0.2233i	0.3999-0.3667i
48.7	-1.0526+0.2118i	0.0054-0.1431i	1.0054-0.2095i	-1.0832+0.2336i	-0.0885+0.0639i	-2.5730+0.9378i	-0.0328-0.2399i	0.3444-0.4462i
48.8	-1.0364+0.2244i	-0.0393-0.1206i	0.8824-0.3956i	-1.1045+0.2023i	-0.1090+0.1079i	-2.3890+1.2385i	-0.1134-0.0869i	0.2413-0.4107i
48.9	-1.0265+0.1803i	-0.0895-0.0885i	0.7454-0.3282i	-1.1374+0.1694i	-0.1563+0.1582i	-2.1656+1.2047i	-0.0668-0.0498i	0.2002-0.3590i
49.0	-1.0633+0.1592i	-0.0533-0.0206i	0.7043-0.2209i	-1.1701+0.1760i	-0.0822+0.2290i	-2.0984+0.9729i	-0.0566-0.0098i	0.2001-0.2810i
49.1	-1.1065+0.1628i	-0.0307-0.0221i	0.6894-0.1334i	-1.2136+0.2025i	-0.0317+0.1893i	-2.2070+0.7341i	-0.0396-0.0187i	0.2249-0.2484i
49.2	-1.1276+0.1833i	-0.0330+0.0080i	0.7314-0.0298i	-1.2248+0.2443i	-0.0468+0.1630i	-2.4811+0.4696i	0.0772-0.0256i	0.3541-0.2372i
49.3	-1.1890+0.2203i	-0.0197+0.0052i	0.9459+0.0091i	-1.2440+0.2647i	-0.0214+0.1684i	-2.9527+0.5315i	0.0790-0.0566i	0.4478-0.2724i
49.4	-1.2039+0.2402i	-0.0393-0.0149i	1.1099-0.1684i	-1.2473+0.2503i	-0.1155+0.1695i	-3.2435+1.1769i	-0.0444-0.0295i	0.4385-0.3579i
49.5	-1.1638+0.2408i	-0.0779-0.0029i	0.9404-0.3319i	-1.2673+0.2625i	-0.1314+0.1758i	-2.9796+1.4645i	0.0011+0.0201i	0.3670-0.4208i
49.6	-1.1683+0.2245i	-0.1276+0.0256i	0.8396-0.2782i	-1.2980+0.2713i	-0.1428+0.1481i	-2.9114+1.2998i	0.1058+0.0721i	0.4165-0.3851i
49.7	-1.2345+0.2468i	-0.1152+0.0835i	0.9839-0.2054i	-1.3430+0.3064i	-0.1538+0.1730i	-3.3541+1.2005i	0.0823+0.0331i	0.4566-0.3617i

49.8	−1.2895+0.3216i	−0.0860+0.1083i	1.2234−0.4313i	−1.3971+0.3476i	−0.1026+0.2624i	−3.8076+1.7240i	0.0013+0.0679i	0.4548−0.4474i
49.9	−1.2936+0.3521i	−0.0876+0.1176i	1.0814−0.6366i	−1.4218+0.3677i	−0.1197+0.3593i	−3.4718+2.1679i	−0.0398+0.1521i	0.3545−0.4844i
50.0	−1.3005+0.3683i	−0.1179+0.1651i	0.9669−0.5320i	−1.4322+0.4167i	−0.1409+0.3858i	−3.2201+1.9673i	0.0172+0.1446i	0.3475−0.4456i
50.1	−1.3322+0.4297i	−0.0983+0.2535i	1.1033−0.6239i	−1.4496+0.4723i	−0.0571+0.4291i	−3.4919+2.1658i	0.0185+0.2025i	0.3910−0.4358i
50.2	−1.3155+0.4690i	−0.0679+0.3399i	1.0209−0.8208i	−1.4563+0.5401i	−0.0341+0.4605i	−3.4621+2.6129i	0.0844+0.2334i	0.3724−0.5009i
50.3	−1.2908+0.4891i	0.0140+0.3503i	0.7653−0.8648i	−1.4366+0.5874i	0.0498+0.4694i	−3.0663+2.6617i	0.1523+0.2415i	0.2885−0.4671i
50.4	−1.3068+0.4816i	0.0095+0.3104i	0.6280−0.7578i	−1.4587+0.5858i	0.0834+0.4258i	−2.8618+2.4847i	0.2408+0.2804i	0.3090−0.4102i
50.5	−1.3468+0.4874i	−0.0164+0.3248i	0.6394−0.6643i	−1.5035+0.6108i	0.0684+0.4106i	−3.0487+2.3918i	0.3128+0.2465i	0.3720−0.4129i
50.6	−1.4061+0.5581i	−0.0048+0.3287i	0.6702−0.6460i	−1.5292+0.6942i	0.0998+0.4680i	−3.0700+2.5193i	0.2915+0.1841i	0.3185−0.4185i
50.7	−1.4513+0.6531i	−0.0013+0.4602i	0.6478−0.6507i	−1.5499+0.8194i	0.1619+0.5202i	−2.9768+2.4009i	0.3022+0.2022i	0.3148−0.3918i
50.8	−1.4116+0.6907i	0.1375+0.5458i	0.6517−0.4914i	−1.4623+0.8781i	0.2095+0.4766i	−3.4038+2.0375i	0.3839+0.1701i	0.4687−0.3462i
50.9	−1.4306+0.7832i	0.1295+0.4717i	0.8303−0.6097i	−1.4798+0.9193i	0.1495+0.4324i	−3.7584+2.6189i	0.4140+0.1472i	0.5523−0.4687i
51.0	−1.4207+0.8848i	0.1317+0.5029i	0.7148−0.8093i	−1.4958+1.0089i	0.2023+0.5107i	−3.4306+2.9180i	0.4649+0.2479i	0.4950−0.4542i
51.1	−1.4137+0.9960i	0.2313+0.4527i	0.6797−0.7515i	−1.4527+1.0843i	0.2905+0.4498i	−3.5526+2.8296i	0.5003+0.2178i	0.5365−0.4531i
51.2	−1.3492+1.0061i	0.0745+0.5151i	0.7664−0.6957i	−1.4335+1.1041i	0.1251+0.4648i	−3.9404+3.1407i	0.5065+0.1658i	0.6081−0.5001i
51.3	−1.3108+1.0255i	0.1181+0.7291i	0.8752−0.7989i	−1.3966+1.1816i	0.0997+0.6122i	−4.0457+3.5025i	0.4958+0.1495i	0.6524−0.5752i
51.4	−1.2985+1.0674i	0.1391+0.7150i	0.7801−0.9792i	−1.3961+1.2403i	0.2060+0.6404i	−3.7515+3.9824i	0.5524+0.1101i	0.5556−0.6962i
51.5	−1.2779+1.0870i	0.1758+0.8264i	0.6301−0.8728i	−1.3437+1.3101i	0.2739+0.6648i	−3.5043+3.7609i	0.6000+0.1113i	0.5824−0.6071i
51.6	−1.2688+1.1736i	0.3628+0.8694i	0.7495−0.8679i	−1.2719+1.3864i	0.3554+0.7268i	−3.9104+3.9083i	0.6579+0.0809i	0.7069−0.7104i
51.7	−1.2139+1.2728i	0.3325+0.8581i	0.5416−1.0723i	−1.2155+1.4736i	0.3443+0.7463i	−3.6534+4.5041i	0.7240+0.0521i	0.6007−0.8237i
51.8	−1.1912+1.2611i	0.3256+0.9892i	0.4355−0.9793i	−1.1796+1.4950i	0.3563+0.7604i	−3.3994+4.4616i	0.7456+0.0061i	0.5621−0.7589i
51.9	−1.1365+1.3489i	0.2820+1.1028i	0.4213−0.7733i	−1.1386+1.5569i	0.2828+0.7523i	−3.4280+4.1275i	0.7814−0.0578i	0.6496−0.7300i
52.0	−1.0777+1.4017i	0.3180+1.5953i	0.6021−0.6814i	−1.1206+1.6691i	0.3047+1.1448i	−4.0758+4.1599i	0.8364−0.0561i	0.7785−0.8109i
52.1	−1.0595+1.4196i	1.0256+1.8379i	0.7294−0.9035i	−0.9679+1.7756i	0.8311+1.3662i	−4.2311+5.0893i	0.8987−0.1904i	0.7169−1.0395i
52.2	−0.9830+1.4329i	1.4135+1.7602i	0.6474−1.1713i	−0.8352+1.8271i	1.1639+1.2778i	−3.8017+5.9430i	0.9667−0.2791i	0.6899−1.2178i
52.3	−1.0157+1.3971i	1.8762+1.7752i	0.3066−1.1093i	−0.7061+1.8510i	1.4552+1.2235i	−2.9975+5.7568i	0.9160−0.3537i	0.5404−1.0751i
52.4	−1.1161+1.5120i	2.6136+1.4132i	0.3725−0.7362i	−0.5321+1.8096i	1.8409+1.0199i	−3.4349+5.0832i	0.9252−0.4631i	0.7128−1.0494i
52.5	−1.0642+1.6976i	2.5024+0.4928i	0.8223−0.8842i	−0.5412+1.6327i	1.8309+0.5266i	−4.3218+5.9313i	0.9190−0.5234i	0.7911−1.4567i
52.6	−0.8770+1.8050i	1.8502+0.1704i	0.6928−1.4189i	−0.6284+1.6333i	1.5844+0.2674i	−3.5147+7.0938i	0.8997−0.5316i	0.4552−1.6868i
52.7	−0.6991+1.7507i	1.5602+0.8169i	0.1327−1.1696i	−0.5637+1.8092i	1.3016+0.5088i	−2.4400+6.4176i	0.8605−0.5598i	0.2673−1.3876i
52.8	−0.6360+1.8115i	2.1898+1.0165i	0.3053−0.9320i	−0.3674+1.9160i	1.6645+0.7370i	−2.8777+6.4180i	0.8982−0.6378i	0.3646−1.4129i
52.9	−0.5362+1.8347i	2.4768+0.9893i	0.3750−0.9592i	−0.2221+1.9462i	1.9151+0.7540i	−2.6852+6.8538i	0.8794−0.6780i	0.3237−1.4414i
53.0	−0.5033+1.7681i	3.2063+1.2334i	0.5174−0.9914i	−0.0155+2.0225i	2.3716+0.8590i	−2.8000+7.2453i	0.8839−0.7545i	0.3833−1.4599i
53.1	−0.5490+1.7742i	4.0129+0.4849i	0.5568−1.2978i	0.2085+1.8857i	2.8646+0.3204i	−2.5965+8.0955i	0.8452−0.8617i	0.3237−1.6084i
53.2	−0.5104+1.8780i	3.9903−0.8270i	0.2769−1.6267i	0.3132+1.6316i	2.8531−0.5269i	−1.6564+8.9410i	0.7289−1.0174i	0.0457−1.8133i
53.3	−0.3054+1.9589i	3.0610−1.1810i	−0.2360−1.2833i	0.2537+1.5368i	2.3036−0.8743i	−0.3702+8.2218i	0.6530−1.0254i	−0.2267−1.5822i
53.4	−0.0615+1.8607i	2.5651−0.4801i	0.0916−0.5910i	0.2282+1.5683i	1.9284−0.5005i	−0.6286+7.0176i	0.6419−1.0093i	−0.0032−1.3136i
53.5	−0.0976+1.6831i	3.3784−0.0914i	0.5257−0.9070i	0.3496+1.6002i	2.4641−0.2731i	−1.0276+7.3589i	0.6380−1.0611i	0.0821−1.4370i
53.6	−0.2155+1.6781i	4.1503−0.5762i	0.4012−1.1405i	0.4935+1.5252i	2.9069−0.5801i	−0.6304+7.3428i	0.5750−1.0502i	0.0564−1.4531i
53.7	−0.1810+1.8264i	4.3532−1.3630i	0.4145−1.0547i	0.6535+1.4405i	2.9594−1.0744i	−0.7799+7.0725i	0.5350−1.0842i	0.1672−1.4994i
53.8	−0.0516+1.8843i	4.5274−2.0676i	0.6807−1.1001i	0.8139+1.2700i	3.0715−1.5124i	−1.3113+7.3948i	0.5175−1.1809i	0.3158−1.6767i
53.9	0.0436+1.8857i	4.3945−3.0272i	0.8031−1.5278i	0.8354+1.0079i	3.0020−2.1570i	−1.3940+8.4268i	0.4858−1.2798i	0.2692−2.0093i
54.0	0.1348+1.9030i	3.8556−3.7499i	0.7024−1.9232i	0.7427+0.8161i	2.6807−2.6090i	−0.9428+9.1813i	0.4094−1.2853i	0.0717−2.2426i
54.1	0.2497+1.8559i	3.1261−3.8686i	0.2421−2.0943i	0.6676+0.7691i	2.0999−2.7405i	0.3092+9.3875i	0.1920−1.2994i	−0.3594−2.1954i
54.2	0.3669+1.7937i	3.1687−4.0628i	−0.0325−1.8081i	0.7668+0.6727i	2.0280−2.8605i	0.6878+8.8666i	0.1841−1.3211i	−0.3410−2.0393i
54.3	0.4439+1.8062i	2.7094−4.9269i	−0.0601−1.9430i	0.7029+0.4676i	1.7986−3.3304i	0.9986+9.5034i	0.1374−1.4274i	−0.4259−2.2724i
54.4	0.5305+1.7732i	1.8644−5.3253i	−0.2958−2.0540i	0.5582+0.3423i	1.2515−3.5508i	1.9365+9.7705i	0.0133−1.4602i	−0.6912−2.3583i
54.5	0.6081+1.7602i	1.0600−5.4410i	−0.6494−2.0780i	0.4186+0.2958i	0.7527−3.6224i	3.0115+9.6936i	−0.1002−1.4159i	−0.9190−2.2821i
54.6	0.7113+1.7255i	0.3119−5.0440i	−0.9606−1.7648i	0.3038+0.3407i	0.2507−3.4345i	3.8027+8.6323i	−0.1963−1.3202i	−1.1083−1.9638i
54.7	0.8056+1.6779i	0.0660−4.7049i	−0.8899−1.4628i	0.2734+0.3441i	0.1083−3.2518i	3.5650+7.7082i	−0.1230−1.2638i	−1.0213−1.7913i
54.8	0.9432+1.5107i	−0.2749−4.6241i	−0.7339−1.4262i	0.2521+0.2770i	−0.1999−3.1849i	3.3229+7.7139i	−0.1224−1.3714i	−0.9641−1.9486i
54.9	0.9535+1.3361i	−0.7426−4.4221i	−0.8461−1.5324i	0.1262+0.2486i	−0.5348−3.0056i	3.8007+7.8720i	−0.2803−1.3554i	−1.2083−1.9903i
55.0	0.9349+1.2500i	−0.9611−4.0953i	−0.9566−1.4396i	0.0652+0.2751i	−0.7123−2.7845i	4.1515+7.4971i	−0.3590−1.3055i	−1.3347−1.8613i
55.1	0.9404+1.1816i	−1.3037−3.7433i	−1.0515−1.3228i	−0.0562+0.3272i	−0.9168−2.5871i	4.3222+7.0597i	−0.3238−1.2387i	−1.3938−1.7837i
55.2	0.9920+1.1161i	−1.4833−3.5385i	−1.1092−1.2572i	−0.0537+0.3537i	−0.9838−2.4051i	4.5624+6.8394i	−0.4628−1.1861i	−1.4855−1.7128i
55.3	0.9841+1.0211i	−1.5597−3.1237i	−1.1663−1.1002i	−0.0433+0.3891i	−1.0200−2.1142i	4.9086+6.2326i	−0.5888−1.0897i	−1.6181−1.4909i
55.4	0.9995+0.9759i	−1.3273−2.9328i	−1.1892−0.9083i	0.0103+0.4522i	−0.9071−2.0666i	4.7450+5.8999i	−0.5137−1.2357i	−1.5233−1.4474i
55.5	0.9778+0.9085i	−1.2420−3.0641i	−1.0757−0.8247i	0.0033+0.3668i	−0.7907−2.0928i	4.2692+5.6563i	−0.3763−1.1842i	−1.3225−1.4615i
55.6	0.9555+0.8349i	−1.6067−3.0603i	−1.0529−0.8087i	−0.0657+0.3222i	−0.9879−2.0085i	4.5699+5.5529i	−0.5383−1.1695i	−1.4971−1.5211i
55.7	0.9797+0.7846i	−1.8704−2.8001i	−1.1018−0.7411i	−0.1053+0.3610i	−1.1056−1.8594i	4.8282+5.3428i	−0.6821−1.2514i	−1.6452−1.4744i
55.8	1.0057+0.7750i	−2.1100−2.5808i	−1.1652−0.6831i	−0.1721+0.4258i	−1.2400−1.8148i	4.9812+5.1767i	−0.7367−1.2382i	−1.7338−1.4027i
55.9	0.9824+0.7447i	−2.0310−2.3682i	−1.1202−0.5774i	−0.1581+0.4487i	−1.2265−1.6888i	4.9086+4.8651i	−0.7679−1.1491i	−1.7432−1.3280i
56.0	0.9941+0.6571i	−1.9074−2.2218i	−1.0362−0.4462i	−0.1479+0.4430i	−1.1434−1.5912i	4.5955+4.4164i	−0.7290−1.1558i	−1.6516−1.2520i

56.1	0.9927+0.5625i	-2.0186-2.2100i	-0.9332-0.4998i	-0.1646+0.4392i	-1.2396-1.5865i	4.4464+4.5911i	-0.8201-1.2355i	-1.6959-1.3746i
56.2	0.9436+0.5133i	-2.1339-2.0207i	-0.9316-0.4974i	-0.1869+0.4489i	-1.3336-1.4679i	4.5764+4.4483i	-0.9641-1.2150i	-1.8333-1.3499i
56.3	0.9012+0.5232i	-2.0959-1.9259i	-0.9135-0.4580i	-0.2328+0.4696i	-1.2139-1.4405i	4.3685+4.3346i	-0.9624-1.1798i	-1.8440-1.3216i
56.4	0.8958+0.5064i	-2.0896-1.7853i	-0.8887-0.4080i	-0.2366+0.4992i	-1.2032-1.4102i	4.3015+4.1786i	-1.0111-1.1453i	-1.8943-1.2956i
56.5	0.8798+0.4811i	-2.0816-1.7047i	-0.8360-0.3909i	-0.2098+0.5018i	-1.2725-1.3381i	4.2862+4.1310i	-1.1567-1.1074i	-2.0047-1.2711i
56.6	0.8729+0.4529i	-2.0998-1.6010i	-0.8043-0.3539i	-0.2178+0.5210i	-1.3078-1.2579i	4.2304+4.0273i	-1.2248-1.0061i	-2.0376-1.1889i
56.7	0.8603+0.4223i	-2.0871-1.4987i	-0.7746-0.3450i	-0.2295+0.5396i	-1.2632-1.2396i	4.1452+3.9816i	-1.2575-0.9702i	-2.0934-1.1622i
56.8	0.8514+0.3655i	-2.0975-1.3367i	-0.7170-0.3421i	-0.2245+0.5613i	-1.2417-1.1638i	4.1243+3.9248i	-1.3445-1.0102i	-2.1759-1.1451i
56.9	0.8547+0.3338i	-2.0856-1.1658i	-0.7236-0.3596i	-0.2398+0.6235i	-1.3237-1.0990i	4.0128+3.9448i	-1.3995-0.9863i	-2.1882-1.0906i
57.0	0.8587+0.3022i	-2.0505-1.0706i	-0.6538-0.3670i	-0.2082+0.6256i	-1.3337-1.0343i	3.9157+3.8813i	-1.5025-0.8560i	-2.2399-0.9736i
57.1	0.8943+0.2356i	-1.9299-1.0358i	-0.6244-0.3044i	-0.1365+0.6093i	-1.2745-1.0640i	3.8250+3.7629i	-1.4730-0.8385i	-2.1930-0.9853i
57.2	0.8730+0.1510i	-1.9678-1.0060i	-0.6037-0.2912i	-0.1299+0.6303i	-1.3286-1.0995i	3.7802+3.9378i	-1.5361-1.1123i	-2.3134-1.2223i
57.3	0.7810+0.1326i	-2.0290-0.9789i	-0.5761-0.4348i	-0.1512+0.6150i	-1.3646-1.0391i	3.8823+4.2758i	-1.8487-0.8595i	-2.5941-1.1125i
57.4	0.7292+0.1275i	-1.9675-0.8584i	-0.6055-0.4583i	-0.1312+0.6325i	-1.3994-0.9239i	4.0163+4.2834i	-1.8803-0.7603i	-2.7136-1.0202i
57.5	0.7032+0.0932i	-1.9081-0.6714i	-0.6780-0.4185i	-0.1348+0.6485i	-1.3946-0.8142i	4.0654+4.0849i	-1.7264-0.6140i	-2.6707-0.9147i
57.6	0.6775+0.0952i	-1.8939-0.6459i	-0.7078-0.4609i	-0.1324+0.6222i	-1.4570-0.7999i	4.2596+4.0707i	-1.8693-0.3368i	-2.8058-0.7261i
57.7	0.6704+0.1014i	-1.8416-0.6019i	-0.7301-0.5090i	-0.1062+0.6278i	-1.4607-0.8212i	4.3447+4.1095i	-1.9427-0.2582i	-2.9793-0.6080i
57.8	0.6754+0.0960i	-1.7777-0.5427i	-0.8196-0.5215i	-0.0866+0.6232i	-1.4360-0.7540i	4.4556+4.0159i	-1.9986-0.0133i	-3.0248-0.3389i
57.9	0.6610+0.0703i	-1.6960-0.5063i	-0.8304-0.4346i	-0.0769+0.5914i	-1.4669-0.6967i	4.5033+3.9684i	-1.9769+0.2055i	-2.9251-0.1562i
58.0	0.6171+0.0489i	-1.6539-0.4305i	-0.7741-0.3633i	-0.1176+0.5757i	-1.4254-0.5590i	4.5337+3.7110i	-1.8082+0.1566i	-2.8830-0.1040i
58.1	0.5739+0.0286i	-1.3742-0.3491i	-0.7012-0.3226i	-0.0846+0.5753i	-1.2478-0.4712i	4.3726+3.5088i	-1.7734+0.0549i	-2.8296-0.1803i
58.2	0.5470+0.0544i	-1.1924-0.6443i	-0.6523-0.4443i	-0.0666+0.5053i	-1.1711-0.6796i	4.2504+3.7303i	-2.0122-0.0352i	-3.0383-0.3741i
58.3	0.6012+0.0623i	-1.6737-0.9554i	-0.8531-0.4972i	-0.1473+0.4426i	-1.5593-0.8668i	4.8557+3.8405i	-2.1836+0.5006i	-3.4605-0.0651i
58.4	0.6282+0.0619i	-1.8202-0.8451i	-0.8957-0.4268i	-0.1981+0.4660i	-1.7067-0.8247i	4.9968+3.6449i	-2.2038+0.9731i	-3.4920+0.4525i
58.5	0.6240-0.0159i	-1.8007-0.6761i	-0.8816-0.3452i	-0.2367+0.5054i	-1.7282-0.7528i	4.8529+3.5026i	-2.1536+0.7920i	-3.4422+0.3823i
58.6	0.5792-0.0764i	-1.8227-0.5228i	-0.8889-0.3273i	-0.2635+0.5538i	-1.7812-0.5947i	4.8999+3.4379i	-2.1115+0.9400i	-3.4367+0.6218i
58.7	0.5745-0.0828i	-1.8733-0.4493i	-0.9313-0.3312i	-0.3034+0.5769i	-1.7981-0.4913i	4.9800+3.3041i	-1.9366+1.1559i	-3.3957+0.9342i
58.8	0.5680-0.1094i	-1.8880-0.3746i	-0.9165-0.2945i	-0.3329+0.6111i	-1.8621-0.4253i	4.9402+3.2516i	-2.0019+1.1027i	-3.5015+0.9633i
58.9	0.5254-0.0817i	-1.8129-0.3596i	-0.9167-0.3101i	-0.3414+0.6345i	-1.7693-0.3411i	4.8080+3.1661i	-1.6098+1.3444i	-3.1854+1.0837i
59.0	0.4978-0.1413i	-1.7740-0.2096i	-0.9137-0.2700i	-0.3153+0.6879i	-1.8930-0.2431i	4.9261+3.0572i	-1.6927+1.4818i	-3.2718+1.2882i
59.1	0.4716-0.1396i	-1.7611-0.1955i	-0.9276-0.2540i	-0.3143+0.7302i	-1.8425-0.1848i	4.9668+3.0070i	-1.5734+1.7955i	-3.1456+1.5834i
59.2	0.4737-0.1417i	-1.7820-0.1407i	-0.9405-0.2219i	-0.3132+0.7874i	-1.7922-0.1621i	4.9669+2.9946i	-1.2919+1.8460i	-2.9424+1.6994i
59.3	0.4272-0.1408i	-1.7308-0.1826i	-0.9428-0.2265i	-0.3125+0.7959i	-1.7786-0.0481i	4.9770+3.0108i	-1.2654+2.1228i	-2.9042+2.0246i
59.4	0.4117-0.1721i	-1.7151-0.0939i	-0.9370-0.1743i	-0.2792+0.8303i	-1.7836+0.0758i	4.9768+2.8478i	-1.1236+2.1063i	-2.7913+2.1932i
59.5	0.4092-0.1830i	-1.7185-0.0298i	-0.9394-0.1466i	-0.2568+0.8744i	-1.7832+0.1051i	5.0167+2.8378i	-0.8515+2.0846i	-2.6280+2.1277i
59.6	0.3922-0.1910i	-1.7114-0.0536i	-0.9785-0.1177i	-0.2637+0.8893i	-1.8051+0.1452i	5.0673+2.8132i	-0.6067+2.0867i	-2.4073+2.0881i
59.7	0.3599-0.2267i	-1.6517+0.0501i	-0.9298-0.0710i	-0.2284+0.9674i	-1.7836+0.2086i	5.0381+2.7695i	-0.8124+2.1613i	-2.6501+2.3773i
59.8	0.3497-0.2424i	-1.6695+0.1019i	-0.9628-0.0523i	-0.2087+0.9789i	-1.7834+0.3364i	5.1408+2.6100i	-0.5324+2.1910i	-2.4206+2.4782i
59.9	0.3203-0.2674i	-1.6925+0.1299i	-0.9839-0.0871i	-0.2092+0.9957i	-1.7694+0.4144i	5.1601+2.5801i	-0.1856+2.2964i	-2.0878+2.6008i
60.0	0.2862-0.2974i	-1.6698+0.1561i	-0.9746-0.1267i	-0.2084+1.0173i	-1.7643+0.4580i	5.1460+2.6371i	-0.2166+2.3005i	-2.0216+2.6734i
60.1	0.2744-0.3301i	-1.6317+0.2275i	-0.9998-0.0692i	-0.1369+1.0777i	-1.7852+0.4510i	5.3244+2.6458i	-0.2125+2.1758i	-2.0016+2.7558i
60.2	0.2762-0.3443i	-1.6233+0.3010i	-0.9980+0.0677i	-0.0601+1.1582i	-1.7914+0.5990i	5.3443+2.5933i	0.1067+2.0916i	-1.8966+2.7744i
60.3	0.2433-0.3704i	-1.6177+0.3393i	-0.9865+0.1062i	-0.0243+1.1563i	-1.7461+0.7257i	5.3189+2.4462i	0.4302+2.0064i	-1.5692+2.6365i
60.4	0.1848-0.3895i	-1.5176+0.3702i	-0.9853+0.1115i	0.0462+1.1458i	-1.6311+0.8246i	5.3019+2.3877i	0.4944+2.0816i	-1.3231+2.7309i
60.5	0.1534-0.4355i	-1.5073+0.5055i	-0.9675+0.1497i	0.1065+1.2132i	-1.5094+0.8883i	5.3252+2.4015i	0.5665+1.8794i	-1.3292+2.5742i
60.6	0.1017-0.4384i	-1.4695+0.5676i	-0.9701+0.1210i	0.1191+1.2163i	-1.4519+0.9264i	5.2676+2.4355i	0.6899+1.7755i	-1.3249+2.5126i
60.7	0.0412-0.4001i	-1.4110+0.5112i	-0.9753+0.1676i	0.1703+1.1603i	-1.3782+0.9628i	5.4220+2.2295i	0.7979+1.8899i	-1.1533+2.7344i
60.8	-0.0153-0.4130i	-1.3086+0.5382i	-0.9715+0.2489i	0.2432+1.1818i	-1.2877+0.9137i	5.4418+2.2463i	0.8014+1.8024i	-1.1067+2.7819i
60.9	-0.0686-0.3907i	-1.2844+0.5576i	-0.9439+0.2582i	0.2552+1.1933i	-1.2408+0.8959i	5.3785+2.3127i	0.8800+1.5505i	-1.1983+2.5019i
61.0	-0.1295-0.3688i	-1.1858+0.4809i	-0.9341+0.2845i	0.2899+1.1509i	-1.2173+0.8997i	5.3699+2.3153i	0.9351+1.5718i	-1.0424+2.5497i
61.1	-0.1677-0.3492i	-1.1446+0.4771i	-0.9062+0.2972i	0.3443+1.1575i	-1.1680+0.9051i	5.4370+2.3418i	0.9667+1.6505i	-0.9587+2.7576i
61.2	-0.2079-0.3523i	-1.0921+0.5117i	-0.8506+0.3628i	0.4059+1.1395i	-1.0970+0.8896i	5.4573+2.2357i	0.9670+1.5636i	-0.9719+2.7160i
61.3	-0.2555-0.3331i	-1.1179+0.5325i	-0.8561+0.4031i	0.4682+1.1557i	-1.0927+0.9960i	5.7152+2.1465i	1.0652+1.4958i	-0.9532+2.8431i
61.4	-0.2561-0.3016i	-1.1183+0.5064i	-0.8812+0.3446i	0.4696+1.1388i	-1.0403+0.9674i	5.6794+2.2077i	1.2577+1.4342i	-0.7000+2.7919i
61.5	-0.3462-0.3099i	-1.0431+0.4457i	-0.8397+0.4186i	0.5105+1.1068i	-1.0339+0.9682i	5.7149+2.2364i	1.3592+1.4619i	-0.6267+2.6343i
61.6	-0.3865-0.2708i	-1.0486+0.4894i	-0.8122+0.4357i	0.5670+1.0836i	-1.0245+1.0519i	5.8694+2.1647i	1.4698+1.3554i	-0.4908+2.6421i
61.7	-0.3930-0.2323i	-1.0351+0.5186i	-0.8083+0.4120i	0.5809+1.0550i	-0.9928+1.0560i	5.9131+2.0649i	1.5672+1.2153i	-0.3774+2.7213i
61.8	-0.4169-0.1996i	-1.0028+0.5461i	-0.7777+0.3736i	0.6142+1.0486i	-0.8504+0.9902i	5.8845+2.0003i	1.6362+1.0861i	-0.3385+2.7986i
61.9	-0.5044-0.1653i	-0.9245+0.5586i	-0.7273+0.4471i	0.7121+1.0248i	-0.8403+1.0611i	6.0861+1.8480i	1.6224+1.0640i	-0.3611+2.9194i
62.0	-0.5661-0.1048i	-0.9123+0.5801i	-0.6626+0.5120i	0.8074+0.9794i	-0.8532+1.0948i	6.3071+1.6206i	1.7868+0.9421i	-0.2569+2.8519i
62.1	-0.5873-0.0830i	-0.9291+0.5645i	-0.6598+0.5074i	0.8176+0.9842i	-0.8652+1.0863i	6.3623+1.7182i	1.7498+0.8774i	-0.4093+2.7616i
62.2	-0.5871-0.0157i	-0.9076+0.5806i	-0.6685+0.4446i	0.8309+0.9572i	-0.7918+1.0645i	6.3970+1.6977i	1.6917+0.6921i	-0.1911+2.7873i
62.3	-0.6183+0.0464i	-0.8655+0.5608i	-0.6568+0.4189i	0.8733+0.9084i	-0.7624+1.0720i	6.4983+1.6920i	1.7982+0.5747i	-0.1046+2.7553i

62.4	-0.6418+0.1066i	-0.8355+0.5894i	-0.6130+0.4439i	0.9208+0.8423i	-0.7159+1.0628i	6.5478+1.4889i	1.7686+0.3956i	-0.1815+2.7120i
62.5	-0.6627+0.1658i	-0.8376+0.5288i	-0.6293+0.4835i	0.9442+0.7725i	-0.7056+1.1131i	6.6476+1.3969i	1.9398+0.3677i	0.0066+2.6332i
62.6	-0.6518+0.2254i	-0.8424+0.5650i	-0.6172+0.4811i	0.9700+0.7069i	-0.6098+1.1264i	6.7376+1.1644i	2.0399+0.2249i	0.1433+2.6541i
62.7	-0.6470+0.2897i	-0.8171+0.6234i	-0.6187+0.4861i	1.0022+0.6731i	-0.5762+1.0557i	6.9024+1.0699i	2.0427+0.0296i	0.2734+2.6936i
62.8	-0.6757+0.3896i	-0.8836+0.5972i	-0.5571+0.5028i	1.0052+0.6108i	-0.4374+1.1418i	7.0435+0.9382i	2.2587-0.0325i	0.3449+2.6629i
62.9	-0.7059+0.4219i	-0.8548+0.6079i	-0.5630+0.5291i	1.0195+0.5673i	-0.5350+1.1531i	7.2310+0.8687i	2.2316-0.1135i	0.4549+2.5846i
63.0	-0.6674+0.4866i	-0.8328+0.5758i	-0.5332+0.5004i	1.0131+0.4775i	-0.4933+1.1793i	7.2057+0.5396i	2.2006-0.2494i	0.4942+2.6531i
63.1	-0.6775+0.5659i	-0.7779+0.5894i	-0.4789+0.5748i	1.0445+0.3892i	-0.4108+1.2492i	7.3270+0.2310i	2.1225-0.3724i	0.4037+2.6636i
63.2	-0.6859+0.6531i	-0.7760+0.6399i	-0.4878+0.6117i	1.0740+0.3519i	-0.4337+1.2853i	7.6099-0.0067i	2.1330-0.6323i	0.5133+2.6424i
63.3	-0.6364+0.7224i	-0.7612+0.6889i	-0.5560+0.6440i	1.0973+0.3106i	-0.3882+1.2964i	7.7815-0.2325i	2.2076-0.7928i	0.8043+2.6519i
63.4	-0.5815+0.7735i	-0.7593+0.7056i	-0.6133+0.5821i	1.0537+0.2996i	-0.3225+1.2501i	7.7881-0.2229i	2.1813-0.8852i	0.7721+2.6563i
63.5	-0.5261+0.8295i	-0.7688+0.7388i	-0.5611+0.5962i	1.0250+0.2467i	-0.3093+1.2557i	7.8716-0.4051i	2.1579-1.1562i	0.8660+2.5751i
63.6	-0.4627+0.8913i	-0.6960+0.7621i	-0.4950+0.6501i	1.0209+0.1455i	-0.2403+1.2965i	7.8100-0.8984i	1.9539-1.3906i	1.1571+2.5451i
63.7	-0.4219+0.9677i	-0.6497+0.7547i	-0.4981+0.6177i	1.0049+0.1101i	-0.1999+1.3062i	7.8918-1.0314i	1.8907-1.5164i	1.2472+2.6239i
63.8	-0.3551+1.0152i	-0.6032+0.7495i	-0.4595+0.6355i	0.9538+0.0433i	-0.0842+1.2899i	7.8124-1.4243i	1.7225-1.6079i	1.2962+2.5941i
63.9	-0.2627+1.0428i	-0.5074+0.7770i	-0.4140+0.6379i	0.9244-0.0133i	0.0376+1.1834i	7.7269-1.8842i	1.5795-1.7639i	1.5004+2.5225i
64.0	-0.1429+1.0902i	-0.5102+0.7815i	-0.4309+0.6326i	0.8616-0.0419i	0.1916+1.1997i	7.6593-2.2358i	1.6036-1.9757i	1.4825+2.2869i
64.1	-0.0928+1.0690i	-0.4461+0.7480i	-0.3880+0.6694i	0.8466-0.0697i	0.2059+1.1993i	7.4283-2.5038i	1.2942-2.0602i	1.5538+2.2688i
64.2	-0.0198+1.0936i	-0.3764+0.7416i	-0.3608+0.7232i	0.8291-0.1125i	0.2895+1.2277i	7.2961-3.0147i	0.9319-2.1451i	1.7763+2.2252i
64.3	0.0101+1.1394i	-0.3755+0.7345i	-0.4140+0.7244i	0.8118-0.0840i	0.3276+1.1519i	7.4746-2.9483i	0.9555-2.1955i	1.7375+2.2065i
64.4	0.0860+1.1427i	-0.3714+0.6830i	-0.3774+0.6853i	0.7622-0.1093i	0.3548+1.0276i	7.1834-3.0467i	0.8858-2.1924i	1.7206+2.1002i
64.5	0.2631+1.1418i	-0.3739+0.6665i	-0.3073+0.6650i	0.6777-0.1391i	0.3634+0.9379i	6.7851-3.4483i	0.7591-2.1594i	1.7179+1.8895i
64.6	0.3645+1.1554i	-0.3704+0.6381i	-0.2790+0.7288i	0.6538-0.1782i	0.4068+0.9206i	6.6442-3.8139i	0.5290-2.1937i	1.8982+1.9196i
64.7	0.4010+1.1113i	-0.3329+0.6416i	-0.2366+0.7617i	0.6410-0.1764i	0.4434+0.8997i	6.3954-4.0841i	0.2789-2.2053i	2.1117+1.8093i
64.8	0.4412+1.0444i	-0.3108+0.6283i	-0.2463+0.7410i	0.5886-0.1402i	0.4056+0.8232i	6.2260-3.9668i	0.1290-2.2337i	2.0645+1.7223i
64.9	0.5612+0.9915i	-0.2907+0.6209i	-0.2611+0.6998i	0.5225-0.1510i	0.3878+0.7552i	5.8897-4.1578i	-0.0725-2.2093i	2.1030+1.6336i
65.0	0.6505+0.9421i	-0.3072+0.6296i	-0.2909+0.7076i	0.5017-0.1272i	0.4456+0.7128i	5.7092-4.3342i	-0.2002-2.2057i	2.2509+1.5684i
65.1	0.7257+0.8505i	-0.3175+0.6117i	-0.2855+0.7026i	0.4562-0.1126i	0.4239+0.6517i	5.3179-4.3221i	-0.2265-2.1735i	2.2530+1.3453i
65.2	0.7660+0.7840i	-0.2994+0.5909i	-0.2422+0.7347i	0.4312-0.1069i	0.4958+0.6564i	5.0704-4.5422i	-0.3689-2.0174i	2.2781+1.1714i
65.3	0.7879+0.6772i	-0.2930+0.5884i	-0.2569+0.7836i	0.4182-0.0819i	0.5082+0.5598i	4.6922-4.6620i	-0.4593-1.8409i	2.4047+0.9177i
65.4	0.7655+0.5547i	-0.2670+0.5876i	-0.2019+0.8119i	0.3905-0.0583i	0.5584+0.5360i	4.2306-4.6376i	-0.5593-1.7644i	2.3222+0.6960i
65.5	0.7454+0.5054i	-0.2267+0.5864i	-0.1963+0.8434i	0.4338-0.0079i	0.4921+0.5307i	4.0959-4.6329i	-0.7921-1.7845i	2.2409+0.6344i
65.6	0.7436+0.4353i	-0.2012+0.5804i	-0.2057+0.8914i	0.4751+0.0175i	0.4890+0.4881i	3.8678-4.6774i	-1.0667-1.7172i	2.2419+0.5542i
65.7	0.7033+0.3826i	-0.1708+0.5644i	-0.1906+0.9371i	0.5085+0.0275i	0.5336+0.4519i	3.6656-4.5833i	-1.1755-1.5798i	2.1724+0.5199i
65.8	0.6522+0.3630i	-0.1729+0.4943i	-0.1132+0.9295i	0.5125-0.0137i	0.4697+0.3820i	3.3280-4.3585i	-1.1152-1.2836i	2.0679+0.3605i
65.9	0.6786+0.3293i	-0.2023+0.5010i	-0.0766+0.9361i	0.5217-0.0125i	0.4743+0.3386i	3.1702-4.3262i	-1.1544-1.2582i	1.9828+0.2944i
66.0	0.6538+0.2818i	-0.1678+0.4547i	0.0599+0.9361i	0.5168-0.0522i	0.5226+0.2349i	2.7911-4.1879i	-1.0924-0.9411i	1.7513+0.1876i
66.1	0.6462+0.2836i	-0.1629+0.4221i	0.1476+0.9746i	0.5392-0.0889i	0.5332+0.1992i	2.6979-4.1643i	-1.0921-0.7711i	1.6680+0.1469i
66.2	0.6616+0.2354i	-0.1665+0.4253i	0.1424+0.9171i	0.5419-0.1114i	0.4548+0.1750i	2.6081-3.9916i	-1.1250-0.6332i	1.6735+0.1094i
66.3	0.6560+0.1901i	-0.1638+0.4101i	0.1993+0.9111i	0.5343-0.1448i	0.3819+0.1252i	2.4037-3.9044i	-1.1488-0.4872i	1.7486+0.0603i
66.4	0.6429+0.1238i	-0.1694+0.4149i	0.2717+0.8879i	0.5267-0.1669i	0.3245+0.1521i	2.2751-3.7640i	-1.0276-0.4922i	1.6703+0.0019i
66.5	0.6167+0.0592i	-0.1626+0.4394i	0.2770+0.8186i	0.5003-0.1744i	0.3005+0.1353i	2.2081-3.5735i	-0.9052-0.5066i	1.4445-0.0397i
66.6	0.5752-0.0022i	-0.1462+0.4478i	0.3134+0.7989i	0.4842-0.1938i	0.2912+0.0803i	2.0841-3.4098i	-0.7480-0.4729i	1.3025-0.0681i
66.7	0.5206-0.0285i	-0.1427+0.4373i	0.3373+0.7953i	0.4832-0.1922i	0.1852-0.0168i	2.1639-3.2364i	-0.6699-0.4831i	1.3278+0.0572i
66.8	0.4751-0.0607i	-0.1294+0.4391i	0.3895+0.7349i	0.4639-0.2013i	0.1541-0.0316i	2.1019-3.1215i	-0.6203-0.5348i	1.2055+0.0509i
66.9	0.4151-0.1099i	-0.1208+0.4425i	0.4387+0.6962i	0.4448-0.2063i	0.1959-0.0397i	2.0100-2.9813i	-0.4492-0.6428i	1.0042+0.0642i
67.0	0.3168-0.1170i	-0.1186+0.4213i	0.4366+0.6829i	0.4024-0.2300i	0.1193-0.0067i	2.0206-2.8403i	-0.3737-0.5377i	1.0186+0.0494i
67.1	0.2487-0.1128i	-0.0930+0.4155i	0.4705+0.6663i	0.3955-0.2448i	0.0746-0.0114i	2.0191-2.7803i	-0.4038-0.5387i	0.9996+0.1588i
67.2	0.1662-0.1034i	-0.0592+0.3993i	0.5021+0.6284i	0.3699-0.2606i	0.0816-0.0239i	1.9672-2.5947i	-0.4123-0.5743i	0.9927+0.2545i
67.3	0.1221-0.0577i	-0.0755+0.4019i	0.4818+0.5966i	0.3328-0.2389i	0.0111-0.0130i	2.0776-2.4927i	-0.3615-0.6122i	0.9955+0.2512i
67.4	0.0640-0.0035i	-0.0437+0.3755i	0.4905+0.5935i	0.3408-0.2315i	-0.0490+0.0767i	2.1470-2.4476i	-0.3954-0.7166i	0.8920+0.3272i
67.5	0.0368+0.0200i	-0.0229+0.3499i	0.5045+0.5535i	0.3281-0.2487i	-0.0619+0.0576i	2.1689-2.3886i	-0.3046-0.7313i	0.8659+0.3705i
67.6	0.0104+0.0629i	-0.0151+0.3403i	0.5821+0.5301i	0.2997-0.2630i	-0.0521+0.0184i	2.1401-2.3437i	-0.2145-0.7472i	0.8928+0.3048i
67.7	-0.0349+0.0971i	-0.0144+0.3173i	0.5843+0.5445i	0.2713-0.2703i	-0.0902+0.1160i	2.1807-2.3131i	-0.2707-0.6865i	0.9555+0.2702i
67.8	-0.0573+0.1409i	-0.0227+0.2795i	0.6287+0.4723i	0.2312-0.2652i	-0.1030+0.0952i	2.2182-2.1985i	-0.1426-0.8832i	0.8368+0.3936i
67.9	-0.0600+0.1730i	-0.0266+0.2626i	0.6028+0.4622i	0.2291-0.2583i	-0.1191+0.0967i	2.3133-2.1711i	-0.2234-0.8904i	0.8685+0.3740i
68.0	-0.0699+0.2228i	-0.0308+0.2587i	0.6086+0.4369i	0.2206-0.2367i	-0.1413+0.1025i	2.4412-2.1384i	-0.3783-0.9643i	0.9281+0.4786i
68.1	-0.0858+0.2801i	-0.0381+0.2445i	0.6917+0.4166i	0.1898-0.2241i	-0.1594+0.1365i	2.4376-2.2038i	-0.2162-1.1082i	0.8455+0.5042i
68.2	-0.0728+0.3300i	-0.0485+0.2169i	0.7058+0.3796i	0.1660-0.2351i	-0.1706+0.1150i	2.4998-2.2577i	-0.3163-1.1056i	0.9906+0.5279i
68.3	-0.0447+0.3718i	-0.0522+0.2048i	0.7524+0.2837i	0.1462-0.2363i	-0.1952+0.1679i	2.4655-2.3501i	-0.3777-1.0949i	1.1398+0.5001i
68.4	-0.0287+0.3946i	-0.0654+0.2020i	0.7692+0.2283i	0.1323-0.2044i	-0.2302+0.2030i	2.4754-2.3841i	-0.3882-1.1625i	1.1046+0.4051i
68.5	-0.0418+0.4076i	-0.0667+0.2060i	0.7838+0.1757i	0.1326-0.1725i	-0.2387+0.1911i	2.5138-2.4202i	-0.5306-1.3302i	1.0864+0.4581i
68.6	-0.0814+0.4353i	-0.0648+0.2107i	0.8464+0.1674i	0.1280-0.1519i	-0.2710+0.2304i	2.4683-2.4096i	-0.4664-1.3376i	0.9741+0.4751i

68.7	-0.0740+0.4743i	-0.0896+0.1837i	0.8099+0.0915i	0.0973-0.1283i	-0.2871+0.2642i	2.4705-2.3457i	-0.3219-1.3500i	0.9228+0.4557i
68.8	-0.0336+0.5250i	-0.1015+0.1736i	0.7653-0.0350i	0.1026-0.1196i	-0.2504+0.3178i	2.4873-2.4251i	-0.5925-1.4238i	1.0885+0.5812i
68.9	-0.0074+0.6069i	-0.1322+0.1843i	0.8188-0.1217i	0.0910-0.1124i	-0.1889+0.3770i	2.5230-2.5581i	-0.7490-1.4054i	1.3176+0.5009i
69.0	0.0125+0.6500i	-0.1461+0.1964i	0.8517-0.1741i	0.0991-0.0885i	-0.1475+0.3554i	2.5900-2.6359i	-0.8365-1.6036i	1.3185+0.6359i
69.1	0.0348+0.6621i	-0.1454+0.1933i	0.8276-0.2490i	0.1140-0.0707i	-0.1094+0.3679i	2.5353-2.6750i	-1.0646-1.6975i	1.3922+0.7114i
69.2	0.0473+0.6752i	-0.1304+0.2121i	0.7431-0.3145i	0.1125-0.0580i	-0.1274+0.3935i	2.4828-2.7193i	-1.1837-1.7948i	1.4213+0.7172i
69.3	0.0624+0.7134i	-0.1249+0.2151i	0.7065-0.4005i	0.1412-0.0475i	-0.0940+0.3396i	2.4314-2.7590i	-1.3619-1.7701i	1.5341+0.6870i
69.4	0.1170+0.7663i	-0.0984+0.2123i	0.6396-0.5592i	0.1710-0.0403i	-0.0177+0.3430i	2.3127-2.7160i	-1.5255-1.7219i	1.5123+0.5766i
69.5	0.1569+0.8187i	-0.1201+0.1804i	0.4954-0.6007i	0.1773-0.0642i	0.0281+0.3265i	2.3567-2.6473i	-1.8386-1.6112i	1.7742+0.6325i
69.6	0.2022+0.8570i	-0.0997+0.1778i	0.4366-0.6053i	0.1673-0.0801i	0.0796+0.3173i	2.3569-2.6746i	-1.7167-1.5675i	1.7105+0.5127i
69.7	0.2701+0.8386i	-0.0925+0.1750i	0.4164-0.6252i	0.1506-0.1019i	0.0837+0.2380i	2.1764-2.8606i	-1.8424-1.5094i	1.7143+0.4192i
69.8	0.3051+0.8736i	-0.1034+0.1763i	0.3276-0.6518i	0.1524-0.0778i	0.0060+0.1872i	2.2498-2.9116i	-2.2117-1.4526i	1.9268+0.3914i
69.9	0.3366+0.9328i	-0.1216+0.1705i	0.2447-0.7141i	0.1500-0.0469i	-0.0329+0.1657i	2.3925-2.9046i	-2.4090-1.2492i	2.1574+0.3404i
70.0	0.4266+0.9202i	-0.1104+0.1629i	0.1076-0.7591i	0.1505-0.0330i	-0.0272+0.2093i	2.2016-2.9886i	-2.5725-0.9862i	2.1385+0.1805i
70.1	0.4868+0.9372i	-0.1143+0.1416i	0.0738-0.7820i	0.1762-0.0304i	-0.0496+0.1976i	2.1130-3.0078i	-2.5840-0.8059i	2.1880+0.0792i
70.2	0.5415+0.9540i	-0.0962+0.1577i	0.0478-0.8200i	0.2035-0.0280i	-0.0247+0.1800i	2.0444-3.0794i	-2.7351-0.6678i	2.2176-0.0380i
70.3	0.6311+0.9339i	-0.0817+0.1579i	-0.0681-0.7491i	0.2260-0.0475i	-0.0134+0.2262i	1.9701-3.1867i	-2.6390-0.3199i	2.1780-0.3417i
70.4	0.6440+0.9318i	-0.1035+0.1236i	-0.1406-0.7217i	0.2363-0.0513i	-0.0518+0.2314i	1.9098-3.1531i	-2.6391-0.1954i	2.1684-0.3290i
70.5	0.7449+0.9197i	-0.1395+0.0981i	-0.2665-0.7513i	0.2568-0.0565i	-0.0995+0.2184i	1.8343-3.1245i	-2.6649-0.1083i	2.1636-0.3032i
70.6	0.7992+0.8500i	-0.1235+0.1168i	-0.3131-0.7123i	0.2580-0.0788i	-0.1343+0.1281i	1.6140-3.1930i	-2.6037+0.0548i	2.0871-0.5057i
70.7	0.8132+0.8789i	-0.1197+0.1078i	-0.3098-0.6700i	0.2799-0.0849i	-0.1937+0.0923i	1.6459-3.2159i	-2.5831+0.1641i	2.1600-0.5338i
70.8	0.8531+0.8506i	-0.1191+0.1316i	-0.4058-0.6299i	0.2840-0.1019i	-0.2667+0.1162i	1.5959-3.1727i	-2.5401+0.3866i	2.1010-0.7287i
70.9	0.9217+0.7640i	-0.1252+0.1110i	-0.4780-0.6066i	0.2836-0.1367i	-0.2614+0.0894i	1.4157-3.1067i	-2.4524+0.3805i	1.9191-0.7300i
71.0	1.0108+0.7750i	-0.1220+0.1085i	-0.5338-0.6160i	0.2961-0.1827i	-0.3000+0.1217i	1.3341-3.2281i	-2.3542+0.3976i	1.8609-0.9088i
71.1	1.0696+0.7398i	-0.1127+0.1147i	-0.5387-0.5581i	0.2720-0.2475i	-0.2996+0.2059i	1.1467-3.2187i	-2.2330+0.6615i	1.8205-1.0411i
71.2	1.1123+0.7062i	-0.1079+0.1073i	-0.6373-0.5267i	0.2449-0.2698i	-0.3788+0.2237i	1.1476-3.0740i	-2.2337+0.6384i	1.7479-0.9707i
71.3	1.1551+0.6899i	-0.1322+0.0997i	-0.7129-0.5527i	0.2266-0.2620i	-0.4176+0.2190i	1.1764-3.0264i	-2.3244+0.6684i	1.8358-0.9835i
71.4	1.1953+0.5761i	-0.1445+0.0686i	-0.6674-0.5218i	0.1933-0.2943i	-0.3988+0.2944i	0.9375-2.9686i	-2.3361+0.7736i	1.8128-0.9049i
71.5	1.2009+0.5194i	-0.1211+0.0402i	-0.6730-0.3722i	0.1670-0.3159i	-0.4120+0.3845i	0.9045-2.9329i	-2.1495+0.7690i	1.6856-0.9240i
71.6	1.2379+0.5070i	-0.1225+0.0554i	-0.8308-0.3972i	0.1199-0.2974i	-0.4438+0.4178i	0.9310-2.8208i	-2.0677+1.0184i	1.7159-1.1397i
71.7	1.2879+0.5192i	-0.1607+0.0303i	-0.8780-0.4672i	0.0971-0.2955i	-0.4350+0.4449i	0.9225-2.7592i	-2.3301+0.9862i	1.8046-0.9912i
71.8	1.3716+0.4375i	-0.1812+0.0373i	-1.0120-0.4007i	0.0629-0.2818i	-0.3947+0.4827i	0.9767-2.8368i	-2.4982+1.0735i	1.8836-1.1068i
71.9	1.3590+0.3042i	-0.1553+0.0494i	-1.0536-0.2746i	0.0362-0.2546i	-0.3367+0.5483i	0.8419-2.8317i	-2.1814+1.2795i	1.7032-1.4005i
72.0	1.2770+0.2149i	-0.1345+0.0294i	-0.9178-0.1095i	0.0180-0.2326i	-0.3058+0.5186i	0.6982-2.7451i	-1.8392+1.1604i	1.4058-1.4442i
72.1	1.2839+0.0920i	-0.1538+0.0714i	-1.0226+0.0709i	-0.0138-0.2329i	-0.1857+0.5690i	0.6505-2.7707i	-1.8040+1.4590i	1.3897-1.6007i
72.2	1.3357+0.0647i	-0.1708+0.0587i	-1.1318+0.0092i	-0.0179-0.2086i	-0.1977+0.6045i	0.6604-2.7604i	-1.8739+1.6272i	1.3803-1.6666i
72.3	1.3467+0.0497i	-0.1833+0.0500i	-1.2158+0.0252i	-0.0111-0.1964i	-0.2423+0.5943i	0.6457-2.7168i	-1.9468+1.8074i	1.3927-1.7067i
72.4	1.3384-0.0373i	-0.1774+0.0387i	-1.2050+0.1575i	-0.0233-0.2067i	-0.2258+0.6625i	0.5258-2.6724i	-1.6091+1.8434i	1.1155-1.8647i
72.5	1.2841-0.0865i	-0.1722+0.0376i	-1.1436+0.2551i	-0.0346-0.1911i	-0.2084+0.6281i	0.4202-2.6000i	-1.5198+1.8929i	1.0193-1.7875i
72.6	1.2791-0.1348i	-0.1924+0.0416i	-1.1566+0.3324i	-0.0344-0.1791i	-0.1763+0.6342i	0.3697-2.5633i	-1.5299+1.9768i	1.0135-1.7194i
72.7	1.3638-0.1363i	-0.2160+0.0191i	-1.2547+0.2971i	-0.0146-0.1479i	-0.1776+0.7196i	0.4212-2.5076i	-1.5731+2.0223i	1.0394-1.7445i
72.8	1.2935-0.1643i	-0.2419+0.0177i	-1.0938+0.3629i	-0.0349-0.1301i	-0.0888+0.7136i	0.2978-2.4258i	-1.4938+1.9812i	0.9738-1.7313i
72.9	1.1729-0.2444i	-0.2238+0.0398i	-0.9415+0.5412i	-0.0459-0.1021i	-0.0389+0.6200i	0.1019-2.3382i	-1.1159+1.9602i	0.7218-1.7500i
73.0	1.1964-0.3058i	-0.2226+0.0612i	-1.0298+0.6036i	-0.0184-0.0777i	-0.0897+0.6145i	0.0938-2.3026i	-0.9086+2.1979i	0.6720-1.8586i
73.1	1.1524-0.3597i	-0.2402+0.0638i	-1.0523+0.6670i	-0.0071-0.0667i	-0.0186+0.6570i	0.0744-2.1529i	-0.6673+2.1834i	0.5255-1.7887i
73.2	1.0677-0.3769i	-0.2295+0.0422i	-1.0131+0.7256i	-0.0068-0.0514i	0.0124+0.7053i	0.0391-1.9715i	-0.5626+2.1239i	0.3724-1.6842i
73.3	1.1192-0.4455i	-0.2608+0.0722i	-1.0186+0.7811i	0.0117-0.0383i	0.0884+0.7474i	0.0002-1.9369i	-0.5435+2.1833i	0.3046-1.7569i
73.4	1.1283-0.4727i	-0.2638+0.0678i	-1.0523+0.8367i	0.0399-0.0386i	0.0865+0.7290i	0.0062-1.8768i	-0.3164+2.2290i	0.2774-1.7783i
73.5	1.0400-0.4352i	-0.2363+0.0499i	-0.9559+0.9887i	0.0719-0.0404i	0.0493+0.6603i	0.0062-1.7467i	-0.0682+1.9804i	0.1807-1.6114i
73.6	1.0660-0.4450i	-0.2385+0.0425i	-0.9467+1.0161i	0.0685-0.0689i	0.0056+0.6848i	0.0091-1.6158i	-0.0340+1.9790i	0.1689-1.5648i
73.7	1.0721-0.4746i	-0.2574+0.0467i	-0.9553+1.0153i	0.0792-0.0734i	-0.0074+0.7555i	0.0526-1.5295i	-0.0763+1.8983i	0.1950-1.5109i
73.8	1.0505-0.5063i	-0.2846+0.0040i	-0.8643+0.9439i	0.0855-0.1032i	0.1080+0.8070i	0.0863-1.3559i	-0.0899+1.6494i	0.1578-1.4088i
73.9	0.9788-0.5664i	-0.2710+0.0412i	-0.8529+1.1085i	0.1062-0.0829i	0.1362+0.6875i	0.1092-1.2682i	0.0370+1.5305i	-0.0068-1.3440i
74.0	0.9385-0.6534i	-0.2675+0.0835i	-0.8840+1.1698i	0.1050-0.0819i	0.1529+0.6680i	0.1078-1.1909i	0.1711+1.5777i	-0.0268-1.4917i
74.1	0.8835-0.6502i	-0.2925+0.0578i	-0.8068+1.1707i	0.0926-0.1193i	0.1987+0.7279i	0.1927-1.0829i	0.2503+1.6018i	0.0665-1.4672i
74.2	0.8568-0.6275i	-0.3257+0.0636i	-0.6859+1.2704i	0.0631-0.1329i	0.2766+0.7061i	0.2861-1.0991i	0.1622+1.4413i	0.0625-1.3337i
74.3	0.7783-0.6002i	-0.2865+0.0530i	-0.5231+1.1787i	0.0601-0.1669i	0.2124+0.6700i	0.2663-0.9303i	0.1776+1.2620i	-0.0399-1.2898i
74.4	0.7870-0.6598i	-0.2998+0.0615i	-0.6119+1.2762i	0.0853-0.1637i	0.2348+0.6753i	0.3562-0.8742i	0.1796+1.2863i	-0.0094-1.3549i
74.5	0.7573-0.7347i	-0.2945+0.0873i	-0.5992+1.3701i	0.1079-0.1650i	0.2797+0.6690i	0.3891-0.7952i	0.2121+1.2797i	-0.1864-1.2990i
74.6	0.7075-0.7598i	-0.3036+0.1054i	-0.5457+1.4077i	0.1102-0.1745i	0.3176+0.6380i	0.4401-0.7410i	0.2624+1.2564i	-0.1920-1.2977i
74.7	0.6416-0.7376i	-0.2881+0.0968i	-0.4414+1.4891i	0.0985-0.1892i	0.3290+0.6224i	0.4914-0.6546i	0.3986+1.1610i	-0.1964-1.2250i
74.8	0.5918-0.7479i	-0.3040+0.1232i	-0.4268+1.5927i	0.0879-0.1816i	0.3451+0.5521i	0.6141-0.6472i	0.4084+1.1612i	-0.1343-1.1213i
74.9	0.5697-0.7065i	-0.3017+0.1248i	-0.3562+1.5072i	0.0880-0.1951i	0.3196+0.5029i	0.6867-0.5691i	0.3633+1.1001i	-0.1061-1.1258i

75.0	0.5437−0.7332i	−0.2932+0.1210i	−0.3164+1.6383i	0.1083−0.2087i	0.3380+0.4495i	0.6989−0.4892i	0.3690+0.9274i	−0.2562−1.0799i
75.1	0.5358−0.7178i	−0.2740+0.1469i	−0.3024+1.7548i	0.1246−0.1878i	0.3445+0.4276i	0.6738−0.5143i	0.3160+0.8967i	−0.3262−1.0794i
75.2	0.4806−0.7239i	−0.2610+0.1608i	−0.1817+1.7638i	0.1244−0.2036i	0.3297+0.4314i	0.7531−0.4845i	0.3608+0.9496i	−0.2497−1.1441i
75.3	0.4309−0.7026i	−0.2486+0.1167i	−0.0016+1.7689i	0.0944−0.2427i	0.2981+0.5767i	0.8727−0.2638i	0.3434+0.7478i	−0.2361−0.9874i
75.4	0.4014−0.7181i	−0.2386+0.1339i	−0.0028+1.8274i	0.1149−0.2531i	0.2130+0.5161i	0.8812−0.2197i	0.4398+0.7480i	−0.2525−0.9616i
75.5	0.3240−0.6656i	−0.2056+0.1225i	0.2768+1.6814i	0.1464−0.2777i	0.2389+0.4522i	0.8880−0.1374i	0.3699+0.6479i	−0.2294−0.9916i
75.6	0.2550−0.6217i	−0.1898+0.1147i	0.4342+1.6427i	0.1193−0.2885i	0.2514+0.5010i	1.0533−0.1855i	0.2311+0.5735i	−0.3416−0.9611i
75.7	0.2489−0.6032i	−0.1900+0.0934i	0.4207+1.6059i	0.0963−0.2895i	0.2274+0.5486i	1.1908−0.0937i	0.2935+0.5554i	−0.3286−0.9433i
75.8	0.2387−0.6151i	−0.2074+0.0832i	0.4625+1.6361i	0.0841−0.3630i	0.2483+0.5584i	1.3875+0.0795i	0.2450+0.5040i	−0.2365−0.9205i
75.9	0.2073−0.6249i	−0.1979+0.0868i	0.5635+1.5951i	0.0611−0.3934i	0.2335+0.5085i	1.5021+0.1559i	0.2565+0.4784i	−0.2596−0.9478i
76.0	0.1824−0.5856i	−0.2040+0.0448i	0.7452+1.5193i	0.0371−0.3959i	0.2847+0.5477i	1.7007+0.2314i	0.0788+0.3646i	−0.2627−0.8658i
76.1	0.1585−0.5949i	−0.2004+0.0525i	0.7278+1.6041i	0.0065−0.4217i	0.2478+0.5348i	1.8085+0.2365i	0.0775+0.3340i	−0.3462−0.8380i
76.2	0.1181−0.5434i	−0.2114+0.0293i	0.7906+1.3885i	−0.0262−0.4466i	0.3284+0.5169i	2.0109+0.2552i	0.0286+0.3679i	−0.2452−0.7924i
76.3	0.0520−0.5513i	−0.1847−0.0170i	1.0460+1.3727i	−0.0556−0.5032i	0.2626+0.5793i	2.2320+0.5180i	0.0355+0.2611i	−0.2443−0.7723i
76.4	0.0689−0.5219i	−0.2217−0.0372i	1.1011+1.2317i	−0.1141−0.5107i	0.2200+0.5819i	2.5021+0.4736i	−0.0562+0.2778i	−0.2570−0.8091i
76.5	0.0747−0.4938i	−0.2453−0.0312i	1.0625+1.2124i	−0.1297−0.5138i	0.3118+0.5935i	2.7663+0.3698i	−0.1103+0.4300i	−0.1451−0.8716i
76.6	0.0731−0.4274i	−0.2775−0.0534i	0.9919+1.1251i	−0.1875−0.4865i	0.3001+0.6073i	3.0242+0.3291i	−0.1864+0.3710i	−0.0302−0.9141i
76.7	0.1024−0.3579i	−0.3128−0.0980i	0.9787+0.8837i	−0.2637−0.5208i	0.3513+0.6583i	3.3400+0.3067i	−0.2272+0.3826i	−0.0384−0.8827i
76.8	0.0547−0.3426i	−0.3158−0.0929i	1.0286+0.8018i	−0.2385−0.5442i	0.3746+0.6686i	3.5409+0.2721i	−0.2166+0.4259i	−0.1530−1.0285i
76.9	0.0540−0.3545i	−0.3691−0.0957i	1.0390+0.8096i	−0.3087−0.5456i	0.4391+0.6131i	4.0030+0.2018i	−0.3210+0.4549i	−0.1067−1.1527i
77.0	0.0372−0.2271i	−0.3956−0.1448i	1.1223+0.6618i	−0.4175−0.5408i	0.4803+0.7169i	4.4253−0.0192i	−0.4395+0.5075i	−0.0466−1.0726i
77.1	0.0432−0.1438i	−0.3929−0.1693i	1.0971+0.6261i	−0.4378−0.5378i	0.4164+0.7653i	4.5014−0.1440i	−0.4172+0.4956i	−0.1247−1.1933i
77.2	0.0744−0.0537i	−0.4276−0.2012i	1.0968+0.3053i	−0.4282−0.5152i	0.4673+0.7384i	4.6459−0.3802i	−0.4994+0.5442i	−0.1069−1.2209i
77.3	0.1110−0.0489i	−0.4796−0.1703i	1.0030+0.2752i	−0.4685−0.4797i	0.5546+0.6805i	4.8848−0.8016i	−0.5334+0.6266i	−0.1961−1.3205i
77.4	0.0955−0.0373i	−0.5219−0.1454i	0.9997+0.3524i	−0.5253−0.4523i	0.5973+0.6614i	5.2022−1.2416i	−0.5505+0.7267i	−0.2803−1.3426i
77.5	0.1325+0.0027i	−0.5576−0.1291i	0.9221+0.3285i	−0.5699−0.4255i	0.6046+0.6492i	5.2425−1.6226i	−0.5087+0.7258i	−0.4370−1.4083i
77.6	0.2579+0.0485i	−0.6593−0.1516i	0.6945+0.2009i	−0.6265−0.4244i	0.6937+0.6988i	5.6149−1.9266i	−0.6379+0.8231i	−0.4824−1.4450i
77.7	0.2658+0.0228i	−0.6851−0.1072i	0.6359+0.2355i	−0.6554−0.3969i	0.6918+0.6444i	5.6620−2.2958i	−0.6346+0.8377i	−0.6095−1.4555i
77.8	0.2514−0.0149i	−0.6657−0.0571i	0.6336+0.3697i	−0.6836−0.3978i	0.6658+0.5756i	5.4170−2.4393i	−0.5820+0.7975i	−0.7820−1.2012i
77.9	0.3064+0.0127i	−0.6940−0.0279i	0.5870+0.3837i	−0.7007−0.3577i	0.6944+0.5348i	5.2919−2.7659i	−0.4892+0.8705i	−0.9811−1.2458i
78.0	0.3610+0.0199i	−0.7397+0.0082i	0.5771+0.3682i	−0.7779−0.2881i	0.6883+0.5625i	5.3713−3.2494i	−0.5008+0.9776i	−1.0784−1.3475i
78.1	0.4307−0.0295i	−0.8109+0.1059i	0.4437+0.4206i	−0.8656−0.1867i	0.7897+0.4515i	5.3843−4.0113i	−0.3843+1.1128i	−1.0985−1.3094i
78.2	0.4783−0.0009i	−0.8361+0.1301i	0.4031+0.4025i	−0.9007−0.1785i	0.7553+0.4230i	5.3661−4.1843i	−0.4076+1.1900i	−1.0860−1.2130i
78.3	0.5038−0.0378i	−0.8392+0.1950i	0.3915+0.4496i	−0.9346−0.0750i	0.7141+0.3836i	5.1042−4.5460i	−0.4480+1.1572i	−1.2541−1.0362i
78.4	0.5351−0.0273i	−0.8791+0.2427i	0.4029+0.4701i	−0.9944−0.0073i	0.7657+0.3859i	5.0737−5.0193i	−0.5217+1.2518i	−1.3167−0.8730i
78.5	0.5746−0.0370i	−0.8819+0.3119i	0.3674+0.4941i	−0.9866+0.1447i	0.8459+0.3319i	4.7942−5.5512i	−0.3741+1.3386i	−1.3646−0.9220i
78.6	0.6270−0.0874i	−0.8203+0.4033i	0.3818+0.5020i	−0.9186+0.2580i	0.8137+0.2976i	4.0467−5.8137i	−0.2252+1.3953i	−1.4697−0.7679i
78.7	0.6952−0.1433i	−0.8311+0.4662i	0.2740+0.5787i	−0.8931+0.3028i	0.7897+0.2073i	3.8040−5.9882i	−0.1409+1.4383i	−1.5552−0.6688i
78.8	0.7526−0.1740i	−0.8657+0.5156i	0.2905+0.5752i	−0.8601+0.3731i	0.8537+0.1985i	3.7681−6.3626i	−0.1154+1.5267i	−1.5028−0.6915i
78.9	0.7582−0.2275i	−0.8542+0.5544i	0.3253+0.5442i	−0.8583+0.4176i	0.8608+0.2007i	3.5389−6.5841i	−0.1253+1.5338i	−1.5470−0.5106i
79.0	0.7128−0.2251i	−0.8196+0.6326i	0.3571+0.5609i	−0.8628+0.5611i	0.8455+0.0936i	3.1956−7.1224i	−0.0692+1.6408i	−1.5570−0.4037i
79.1	0.7669−0.2395i	−0.7244+0.6492i	0.2889+0.5703i	−0.7173+0.6230i	0.8128+0.0975i	2.3912−6.6348i	0.1256+1.5484i	−1.4701−0.3338i
79.2	0.8813−0.2842i	−0.7243+0.7011i	0.2206+0.6203i	−0.6286+0.6781i	0.8480+0.0752i	2.1901−6.8672i	0.1905+1.6700i	−1.4530−0.2198i
79.3	0.9166−0.3469i	−0.6913+0.7342i	0.0754+0.6273i	−0.5031+0.6932i	0.8153+0.0073i	1.7360−6.9332i	0.2640+1.6449i	−1.3766−0.1165i
79.4	0.9409−0.4592i	−0.6461+0.7536i	0.0424+0.7570i	−0.4787+0.6787i	0.7493−0.0491i	1.4593−6.5060i	0.4317+1.5312i	−1.3532−0.2031i
79.5	0.9071−0.5145i	−0.6019+0.7548i	0.1866+0.8597i	−0.4137+0.6790i	0.7341−0.0118i	1.4616−6.6003i	0.3603+1.4800i	−1.4146+0.1468i
79.6	0.8818−0.5824i	−0.5508+0.7904i	0.2354+0.8662i	−0.3597+0.6620i	0.7498−0.0222i	1.1160−6.7105i	0.4664+1.5190i	−1.3562+0.1278i
79.7	0.8133−0.6386i	−0.4930+0.8075i	0.3057+0.9175i	−0.3229+0.6690i	0.6827+0.0027i	0.9179−6.6005i	0.5255+1.4473i	−1.3211+0.0269i
79.8	0.7795−0.7093i	−0.4549+0.8189i	0.2712+1.0525i	−0.2760+0.6281i	0.6601−0.0235i	0.6261−6.4833i	0.5679+1.4197i	−1.2710+0.1504i
79.9	0.7950−0.7695i	−0.4299+0.8388i	0.1817+1.1372i	−0.2258+0.5771i	0.6907−0.0536i	0.1971−6.3757i	0.6425+1.3912i	−1.3074+0.2471i
80.0	0.7369−0.8185i	−0.3896+0.8167i	0.2550+1.1543i	−0.2257+0.5361i	0.6746−0.0517i	0.1766−6.2156i	0.6524+1.2901i	−1.4009+0.4375i

2.1.42 Run 4 – IP050 – Accels 41–47

In-plane shaking at 50°. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	31.4017+0.0000i	20.0611+0.0000i	-9.9076+0.0000i	11.1802+0.0000i	13.9293+0.0000i	18.7608+0.0000i	12.1449+0.0000i
0.1	24.3276+1.1462i	16.3238+1.8709i	-7.8307+0.0168i	8.6745+0.4113i	10.8196+1.1474i	15.0607+1.9904i	10.0419+1.6696i
0.2	-1.7154+0.2884i	1.1486-0.0931i	0.7524-0.7335i	-0.9742-0.1479i	-0.8760+1.1995i	-2.1004+0.2902i	-0.4498-0.0543i
0.3	-1.5822+0.2421i	-0.2215-0.8935i	0.0628-1.2116i	-0.0123+0.0186i	-0.3781+0.4176i	-0.6768-1.4744i	1.1852+1.1661i
0.4	-0.5116+0.6161i	-0.5603+0.2194i	0.3481-0.9206i	0.0806-0.2788i	-0.8494-0.1244i	0.2714-1.6206i	0.8813-0.0894i
0.5	-0.0198-0.1635i	-0.1704+0.0508i	0.0671-0.0973i	-0.1593-0.0990i	-0.1010-0.0316i	0.2481-0.3299i	0.0379+0.1932i
0.6	0.0182+0.0104i	-0.0501-0.0434i	0.0149-0.0317i	-0.0370-0.0061i	-0.0819+0.0084i	0.0941+0.0291i	-0.1023-0.0503i
0.7	-0.0231-0.0001i	-0.0613-0.0128i	-0.0119-0.0239i	-0.0259-0.0020i	-0.0754+0.0075i	0.0473-0.0095i	-0.1111-0.0482i
0.8	-0.0163+0.0003i	-0.0796-0.0095i	-0.0139+0.0040i	-0.0383-0.0090i	-0.0838-0.0049i	-0.0026-0.0448i	-0.1128-0.0204i
0.9	-0.0339-0.0181i	-0.1000+0.0024i	-0.0102-0.0076i	-0.0533-0.0162i	-0.0988+0.0012i	-0.0067-0.0322i	-0.1209+0.0035i
1.0	-0.0546-0.0242i	-0.1210+0.0050i	-0.0143-0.0115i	-0.0677-0.0163i	-0.1172+0.0033i	0.0046-0.0170i	-0.1302+0.0042i
1.1	-0.0789-0.0125i	-0.1819+0.0249i	-0.0086-0.0087i	-0.0860-0.0114i	-0.1716+0.0147i	0.0057+0.0015i	-0.1689+0.0094i
1.2	-0.1003-0.0070i	-0.2319+0.0239i	-0.0243-0.0016i	-0.1208-0.0160i	-0.2242+0.0233i	-0.0367+0.0022i	-0.2533+0.0151i
1.3	-0.1084-0.0021i	-0.2537+0.0796i	-0.0228-0.0017i	-0.1568-0.0230i	-0.2484+0.0725i	-0.0409-0.0067i	-0.3205+0.0351i
1.4	-0.0801-0.0154i	-0.1984+0.0679i	-0.0208-0.0039i	-0.2199-0.0192i	-0.2010+0.0637i	-0.0542-0.0121i	-0.4129+0.0495i
1.5	-0.1317-0.1166i	-0.4013-0.0959i	-0.0268-0.0090i	-0.2608+0.0427i	-0.4024-0.0762i	-0.0516-0.0002i	-0.5871+0.1545i
1.6	-0.2857-0.1555i	-0.8331-0.0357i	-0.0392-0.0092i	-0.2358+0.0505i	-0.8072-0.0076i	-0.0623+0.0001i	-0.7144+0.2843i
1.7	-0.4120-0.1260i	-1.1373+0.4303i	-0.0502-0.0094i	-0.2882+0.0092i	-1.0906+0.4425i	-0.0846+0.0061i	-0.8730+0.6024i
1.8	-0.5128-0.1043i	-1.2519+0.9051i	-0.0600-0.0097i	-0.3668-0.0256i	-1.1937+0.9000i	-0.0954+0.0137i	-0.9390+0.9483i
1.9	-0.7089-0.0836i	-0.8351+1.6984i	-0.0829-0.0141i	-0.5563-0.0816i	-0.7745+1.6654i	-0.1052+0.0224i	-0.5493+1.5366i
2.0	-1.0189-0.0574i	-0.0268+2.0979i	-0.1212-0.0180i	-0.9055-0.1281i	0.0222+2.0478i	-0.1302+0.0293i	0.1126+1.7701i
2.1	-1.7172+0.0613i	0.8549+1.6786i	-0.2050-0.0075i	-1.7018-0.0197i	0.8953+1.6261i	-0.2000+0.0266i	0.7221+1.3511i
2.2	-2.8343+0.3062i	1.1089+1.3136i	-0.3331+0.0166i	-2.8855+0.2536i	1.1704+1.2589i	-0.3199+0.0377i	0.7950+1.0500i
2.3	-3.2601+1.3814i	1.2966+0.9758i	-0.3889+0.1342i	-3.3471+1.3840i	1.3565+0.8983i	-0.3733+0.1403i	0.8727+0.8586i
2.4	2.6539+1.2202i	1.0252+0.6059i	0.2539+0.1340i	2.7308+1.1776i	0.9278+0.5526i	0.2760+0.1618i	1.0919+0.5453i
2.5	1.8795+0.4524i	0.9492+0.4394i	0.1681+0.0479i	1.9264+0.4081i	0.8778+0.4146i	0.1883+0.0710i	0.9502+0.3535i
2.6	1.3278+0.2631i	0.8623+0.3537i	0.1065+0.0258i	1.3624+0.2282i	0.8071+0.3364i	0.1231+0.0430i	0.8258+0.2753i
2.7	1.0863+0.1944i	0.8251+0.3047i	0.0778+0.0175i	1.1132+0.1651i	0.7765+0.2886i	0.0916+0.0296i	0.7664+0.2321i
2.8	0.9089+0.1370i	0.7953+0.2629i	0.0550+0.0111i	0.9284+0.1094i	0.7524+0.2494i	0.0647+0.0223i	0.7147+0.1948i
2.9	0.7904+0.1176i	0.7391+0.2336i	0.0379+0.0090i	0.8046+0.0912i	0.6995+0.2224i	0.0448+0.0215i	0.6510+0.1721i
3.0	0.7062+0.0884i	0.7021+0.1991i	0.0241+0.0060i	0.7179+0.0672i	0.6659+0.1891i	0.0298+0.0145i	0.6058+0.1463i
3.1	0.6569+0.0812i	0.6910+0.1838i	0.0151+0.0060i	0.6662+0.0629i	0.6566+0.1742i	0.0192+0.0113i	0.5860+0.1346i
3.2	0.6033+0.0739i	0.6696+0.1740i	0.0046+0.0050i	0.6112+0.0578i	0.6367+0.1653i	0.0084+0.0105i	0.5557+0.1265i
3.3	0.5710+0.0610i	0.6571+0.1620i	-0.0036+0.0029i	0.5795+0.0470i	0.6249+0.1536i	-0.0020+0.0082i	0.5351+0.1163i
3.4	0.5367+0.0470i	0.6412+0.1327i	-0.0131+0.0005i	0.5454+0.0371i	0.6103+0.1245i	-0.0148+0.0051i	0.5126+0.0912i
3.5	0.5096+0.0475i	0.6244+0.1425i	-0.0214+0.0001i	0.5193+0.0346i	0.5946+0.1340i	-0.0230+0.0052i	0.4895+0.0987i
3.6	0.4877+0.0484i	0.6144+0.1296i	-0.0296+0.0016i	0.4973+0.0361i	0.5844+0.1226i	-0.0326+0.0054i	0.4719+0.0910i
3.7	0.4706+0.0473i	0.6004+0.1226i	-0.0372+0.0009i	0.4806+0.0347i	0.5712+0.1164i	-0.0429+0.0046i	0.4534+0.0859i
3.8	0.4555+0.0466i	0.5868+0.1177i	-0.0453+0.0007i	0.4655+0.0341i	0.5579+0.1115i	-0.0535+0.0035i	0.4345+0.0828i
3.9	0.4410+0.0441i	0.5868+0.1072i	-0.0551+0.0001i	0.4487+0.0337i	0.5580+0.1017i	-0.0643+0.0009i	0.4249+0.0762i
4.0	0.4299+0.0422i	0.5876+0.1045i	-0.0653-0.0009i	0.4377+0.0320i	0.5592+0.0988i	-0.0744+0.0004i	0.4183+0.0742i
4.1	0.4177+0.0420i	0.5780+0.0958i	-0.0761-0.0010i	0.4257+0.0317i	0.5498+0.0908i	-0.0860-0.0011i	0.4020+0.0666i
4.2	0.4096+0.0432i	0.5744+0.0935i	-0.0861-0.0002i	0.4168+0.0335i	0.5466+0.0894i	-0.0996-0.0002i	0.3897+0.0655i
4.3	0.3996+0.0434i	0.5703+0.0902i	-0.0983+0.0004i	0.4058+0.0336i	0.5433+0.0859i	-0.1145-0.0001i	0.3762+0.0640i
4.4	0.3910+0.0437i	0.5640+0.0845i	-0.1101+0.0023i	0.3978+0.0358i	0.5375+0.0800i	-0.1285-0.0010i	0.3624+0.0599i
4.5	0.3846+0.0440i	0.5640+0.0788i	-0.1230+0.0028i	0.3910+0.0370i	0.5371+0.0749i	-0.1420-0.0014i	0.3530+0.0561i
4.6	0.3808+0.0435i	0.5598+0.0749i	-0.1345+0.0022i	0.3873+0.0369i	0.5331+0.0710i	-0.1542-0.0018i	0.3418+0.0536i
4.7	0.3745+0.0465i	0.5559+0.0744i	-0.1513+0.0028i	0.3813+0.0398i	0.5299+0.0711i	-0.1738-0.0016i	0.3277+0.0533i
4.8	0.3654+0.0479i	0.5504+0.0696i	-0.1658+0.0042i	0.3737+0.0414i	0.5236+0.0667i	-0.1914+0.0004i	0.3138+0.0510i
4.9	0.3550+0.0485i	0.5446+0.0645i	-0.1849+0.0035i	0.3640+0.0434i	0.5167+0.0611i	-0.2109-0.0016i	0.2988+0.0472i
5.0	0.3515+0.0502i	0.5347+0.0662i	-0.2082+0.0052i	0.3596+0.0455i	0.5080+0.0631i	-0.2393-0.0002i	0.2793+0.0478i
5.1	0.3458+0.0526i	0.5287+0.0646i	-0.2289+0.0068i	0.3542+0.0485i	0.5020+0.0605i	-0.2616+0.0026i	0.2632+0.0474i
5.2	0.3429+0.0563i	0.5274+0.0661i	-0.2522+0.0107i	0.3518+0.0509i	0.4994+0.0615i	-0.2869+0.0070i	0.2511+0.0501i
5.3	0.3403+0.0644i	0.5269+0.0736i	-0.2834+0.0140i	0.3493+0.0581i	0.5001+0.0704i	-0.3203+0.0080i	0.2378+0.0574i
5.4	0.3381+0.0751i	0.5286+0.0748i	-0.3115+0.0195i	0.3462+0.0674i	0.5029+0.0718i	-0.3511+0.0132i	0.2302+0.0603i
5.5	0.3342+0.0803i	0.5228+0.0754i	-0.3394+0.0305i	0.3442+0.0737i	0.4965+0.0710i	-0.3816+0.0237i	0.2156+0.0619i
5.6	0.3287+0.0856i	0.5214+0.0819i	-0.3771+0.0368i	0.3404+0.0796i	0.4936+0.0760i	-0.4192+0.0321i	0.2018+0.0671i

5.7	0.3203+0.0914i	0.5401+0.0850i	-0.4314+0.0433i	0.3317+0.0881i	0.5121+0.0801i	-0.4738+0.0381i	0.2018+0.0708i
5.8	0.3157+0.1036i	0.5476+0.0876i	-0.4763+0.0679i	0.3277+0.1012i	0.5184+0.0815i	-0.5197+0.0582i	0.1959+0.0753i
5.9	0.3238+0.1231i	0.5525+0.0908i	-0.5162+0.0924i	0.3365+0.1199i	0.5213+0.0843i	-0.5598+0.0815i	0.1882+0.0786i
6.0	0.3435+0.1448i	0.5537+0.0800i	-0.5546+0.1173i	0.3602+0.1385i	0.5211+0.0743i	-0.5987+0.1021i	0.1766+0.0723i
6.1	0.3679+0.1465i	0.5516+0.0801i	-0.6091+0.1413i	0.3839+0.1385i	0.5203+0.0748i	-0.6572+0.1250i	0.1620+0.0740i
6.2	0.3768+0.1473i	0.5525+0.0795i	-0.6616+0.1495i	0.3938+0.1376i	0.5207+0.0740i	-0.7111+0.1334i	0.1524+0.0731i
6.3	0.3760+0.1468i	0.5550+0.0796i	-0.7529+0.1617i	0.3974+0.1367i	0.5221+0.0746i	-0.8038+0.1435i	0.1379+0.0736i
6.4	0.3907+0.1462i	0.5740+0.0796i	-0.8828+0.1979i	0.4139+0.1346i	0.5388+0.0734i	-0.9319+0.1783i	0.1362+0.0738i
6.5	0.3956+0.1578i	0.5773+0.0783i	-0.9992+0.2513i	0.4230+0.1417i	0.5418+0.0725i	-1.0472+0.2292i	0.1255+0.0735i
6.6	0.4093+0.1599i	0.5839+0.0672i	-1.1830+0.3504i	0.4404+0.1409i	0.5486+0.0623i	-1.2258+0.3204i	0.1131+0.0669i
6.7	0.4373+0.1601i	0.5836+0.0628i	-1.3642+0.4893i	0.4714+0.1383i	0.5482+0.0596i	-1.4051+0.4548i	0.0973+0.0670i
6.8	0.4459+0.1625i	0.5814+0.0598i	-1.6583+0.6464i	0.4854+0.1336i	0.5448+0.0573i	-1.6897+0.6016i	0.0784+0.0656i
6.9	0.4807+0.1722i	0.5805+0.0557i	-2.0078+1.1807i	0.5225+0.1262i	0.5431+0.0552i	-2.0339+1.1087i	0.0595+0.0703i
7.0	0.5200+0.1756i	0.5746+0.0568i	-2.4969+2.0258i	0.5694+0.1050i	0.5344+0.0591i	-2.5100+1.9100i	0.0384+0.0779i
7.1	0.5558+0.1331i	0.5709+0.0699i	-2.0852+3.6186i	0.5871+0.0263i	0.5275+0.0759i	-2.1271+3.4281i	0.0206+0.0970i
7.2	0.5403+0.0405i	0.5952+0.0764i	0.1745+4.0638i	0.5106-0.0641i	0.5605+0.0868i	0.0201+3.8655i	0.0357+0.1004i
7.3	0.5001+0.0186i	0.6168+0.0678i	1.4004+3.5142i	0.4403-0.0662i	0.5881+0.0777i	1.1891+3.3441i	0.0412+0.0849i
7.4	0.4729+0.0273i	0.6049+0.0563i	2.1348+2.5523i	0.4013-0.0262i	0.5776+0.0605i	1.8836+2.4290i	0.0108+0.0685i
7.5	0.4629+0.0469i	0.6019+0.0619i	2.0495+1.4261i	0.4020+0.0197i	0.5740+0.0615i	1.8004+1.3591i	-0.0163+0.0676i
7.6	0.4649+0.0611i	0.6120+0.0652i	1.4985+0.8685i	0.4195+0.0424i	0.5811+0.0630i	1.2726+0.8283i	-0.0378+0.0727i
7.7	0.4636+0.0635i	0.6168+0.0575i	1.1190+0.7908i	0.4251+0.0460i	0.5833+0.0561i	0.9062+0.7519i	-0.0646+0.0688i
7.8	0.4848+0.0736i	0.6201+0.0560i	0.9116+0.8176i	0.4498+0.0541i	0.5862+0.0545i	0.7047+0.7779i	-0.0883+0.0722i
7.9	0.4826+0.0751i	0.6250+0.0612i	0.9199+0.8516i	0.4469+0.0560i	0.5911+0.0579i	0.7082+0.8098i	-0.1053+0.0807i
8.0	0.4767+0.0729i	0.6299+0.0597i	0.8946+0.7688i	0.4429+0.0573i	0.5936+0.0559i	0.6808+0.7315i	-0.1283+0.0839i
8.1	0.4895+0.0797i	0.6328+0.0574i	0.8159+0.7001i	0.4569+0.0657i	0.5959+0.0539i	0.6010+0.6653i	-0.1513+0.0856i
8.2	0.5005+0.0853i	0.6439+0.0589i	0.7682+0.6339i	0.4673+0.0718i	0.6038+0.0546i	0.5511+0.5984i	-0.1733+0.0897i
8.3	0.5130+0.0843i	0.6539+0.0607i	0.6400+0.5674i	0.4846+0.0704i	0.6100+0.0573i	0.4257+0.5318i	-0.2018+0.0913i
8.4	0.5291+0.0776i	0.6568+0.0557i	0.5093+0.5863i	0.5001+0.0636i	0.6125+0.0533i	0.2936+0.5475i	-0.2294+0.1024i
8.5	0.5431+0.0756i	0.6585+0.0484i	0.3739+0.6437i	0.5151+0.0604i	0.6110+0.0489i	0.1578+0.6008i	-0.2733+0.1105i
8.6	0.5558+0.0584i	0.6569+0.0465i	0.2936+0.7707i	0.5275+0.0411i	0.6113+0.0465i	0.0807+0.7169i	-0.3043+0.1337i
8.7	0.5654+0.0415i	0.6525+0.0500i	0.2197+0.8295i	0.5346+0.0208i	0.6049+0.0506i	0.0179+0.7663i	-0.3340+0.1386i
8.8	0.5811+0.0348i	0.6543+0.0570i	0.1100+0.9070i	0.5536+0.0116i	0.6037+0.0584i	-0.0857+0.8313i	-0.3602+0.1477i
8.9	0.5934+0.0146i	0.6651+0.0679i	-0.0275+1.1347i	0.5683-0.0167i	0.6108+0.0709i	-0.2167+1.0250i	-0.3999+0.1749i
9.0	0.6083-0.0091i	0.6689+0.0718i	0.0139+1.4954i	0.5740-0.0512i	0.6131+0.0769i	-0.1928+1.3343i	-0.4411+0.2077i
9.1	0.6047-0.0144i	0.6703+0.0730i	0.1415+1.6576i	0.5605-0.0614i	0.6150+0.0792i	-0.0917+1.4716i	-0.4835+0.2295i
9.2	0.6405-0.0341i	0.6729+0.0844i	-0.2229+2.1219i	0.5953-0.0998i	0.6081+0.0932i	-0.4220+1.8613i	-0.5695+0.2987i
9.3	0.6296-0.1213i	0.6873+0.1139i	0.5586+3.0297i	0.5394-0.1970i	0.6208+0.1341i	0.2380+2.6401i	-0.5357+0.4320i
9.4	0.5598-0.1667i	0.7216+0.1440i	1.9547+3.0708i	0.4197-0.2116i	0.6648+0.1691i	1.4141+2.6709i	-0.4236+0.5025i
9.5	0.5003-0.1522i	0.7558+0.1449i	2.6096+2.3445i	0.3562-0.1524i	0.7040+0.1684i	1.9521+2.0524i	-0.3531+0.4699i
9.6	0.4598-0.1194i	0.7867+0.1394i	2.8369+1.5319i	0.3293-0.0822i	0.7386+0.1625i	2.1281+1.3689i	-0.3287+0.4175i
9.7	0.4538-0.0875i	0.8114+0.1342i	2.6479+1.0426i	0.3442-0.0359i	0.7626+0.1565i	1.9529+0.9628i	-0.3487+0.3840i
9.8	0.4661-0.0657i	0.8272+0.1260i	2.4217+0.7849i	0.3724-0.0094i	0.7800+0.1461i	1.7473+0.7533i	-0.3786+0.3713i
9.9	0.4697-0.0457i	0.8492+0.1201i	2.2823+0.5733i	0.3917+0.0102i	0.8049+0.1413i	1.6220+0.5790i	-0.3925+0.3596i
10.0	0.4735-0.0313i	0.8731+0.1225i	2.1923+0.4539i	0.4023+0.0262i	0.8252+0.1427i	1.5354+0.4836i	-0.4072+0.3580i
10.1	0.4791-0.0274i	0.9038+0.1149i	2.0870+0.3452i	0.4176+0.0298i	0.8537+0.1354i	1.4400+0.3999i	-0.4255+0.3520i
10.2	0.4864-0.0229i	0.9220+0.1043i	2.0013+0.2802i	0.4287+0.0322i	0.8729+0.1249i	1.3580+0.3485i	-0.4543+0.3480i
10.3	0.4933-0.0178i	0.9470+0.0964i	1.9265+0.2452i	0.4385+0.0373i	0.8986+0.1165i	1.2843+0.3190i	-0.4747+0.3401i
10.4	0.5022-0.0192i	0.9687+0.0827i	1.8586+0.2011i	0.4492+0.0356i	0.9197+0.1044i	1.2106+0.2848i	-0.5094+0.3304i
10.5	0.5064-0.0126i	0.9883+0.0716i	1.8169+0.1593i	0.4571+0.0402i	0.9392+0.0909i	1.1628+0.2522i	-0.5281+0.3216i
10.6	0.5187-0.0025i	1.0189+0.0520i	1.7682+0.1436i	0.4688+0.0474i	0.9735+0.0694i	1.1053+0.2419i	-0.5559+0.2970i
10.7	0.5236-0.0050i	1.0419+0.0410i	1.7336+0.1392i	0.4734+0.0455i	0.9939+0.0586i	1.0635+0.2413i	-0.5943+0.2922i
10.8	0.5275-0.0069i	1.0607+0.0276i	1.7117+0.1216i	0.4760+0.0434i	1.0091+0.0452i	1.0342+0.2273i	-0.6419+0.2884i
10.9	0.5431-0.0028i	1.0819+0.0108i	1.6984+0.1058i	0.4905+0.0472i	1.0287+0.0282i	1.0090+0.2187i	-0.6915+0.2848i
11.0	0.5524+0.0039i	1.0940+0.0003i	1.6761+0.1072i	0.4997+0.0503i	1.0419+0.0143i	0.9671+0.2217i	-0.7520+0.2775i
11.1	0.5650+0.0071i	1.1159-0.0267i	1.6790+0.1003i	0.5118+0.0577i	1.0618-0.0091i	0.9514+0.2205i	-0.8035+0.2797i
11.2	0.5700+0.0095i	1.1311-0.0401i	1.6791+0.0988i	0.5174+0.0635i	1.0750-0.0228i	0.9406+0.2192i	-0.8431+0.2809i
11.3	0.5824+0.0174i	1.1499-0.0524i	1.6798+0.1008i	0.5296+0.0696i	1.0909-0.0338i	0.9217+0.2261i	-0.9108+0.2850i
11.4	0.5971+0.0193i	1.1709-0.0625i	1.6996+0.0948i	0.5400+0.0725i	1.1102-0.0449i	0.9181+0.2260i	-0.9683+0.2882i
11.5	0.6133+0.0172i	1.2005-0.0785i	1.7207+0.0817i	0.5483+0.0729i	1.1390-0.0608i	0.9134+0.2111i	-1.0315+0.2854i
11.6	0.6294+0.0158i	1.2173-0.0905i	1.7385+0.0859i	0.5579+0.0720i	1.1526-0.0725i	0.9031+0.2131i	-1.0955+0.2911i
11.7	0.6475+0.0130i	1.2345-0.1017i	1.7689+0.0801i	0.5719+0.0701i	1.1651-0.0832i	0.8993+0.2031i	-1.1762+0.2992i
11.8	0.6669+0.0079i	1.2622-0.1080i	1.8000+0.0591i	0.5851+0.0698i	1.1889-0.0878i	0.8959+0.1816i	-1.2580+0.3009i
11.9	0.6793-0.0073i	1.2930-0.1223i	1.8071+0.0237i	0.5919+0.0621i	1.2173-0.1006i	0.8690+0.1617i	-1.3431+0.3287i

12.0	0.6953-0.0182i	1.3326-0.1373i	1.8352+0.0008i	0.6031+0.0599i	1.2529-0.1160i	0.8509+0.1410i	-1.4463+0.3475i
12.1	0.7078-0.0295i	1.3727-0.1550i	1.8577-0.0275i	0.6042+0.0573i	1.2867-0.1319i	0.8287+0.1235i	-1.5468+0.3780i
12.2	0.7195-0.0429i	1.4162-0.1874i	1.8831-0.0538i	0.6073+0.0567i	1.3236-0.1598i	0.8120+0.1101i	-1.6388+0.4164i
12.3	0.7280-0.0543i	1.4593-0.2145i	1.9010-0.0699i	0.6069+0.0598i	1.3639-0.1814i	0.7795+0.1029i	-1.7457+0.4522i
12.4	0.7430-0.0601i	1.4948-0.2584i	1.9286-0.0646i	0.6139+0.0776i	1.3969-0.2186i	0.7525+0.1238i	-1.8566+0.5179i
12.5	0.7631-0.0847i	1.5366-0.3206i	1.9878-0.0986i	0.6337+0.0911i	1.4344-0.2757i	0.7409+0.1235i	-1.9794+0.6164i
12.6	0.7716-0.1078i	1.5786-0.3940i	2.0299-0.1241i	0.6412+0.1095i	1.4756-0.3380i	0.7212+0.1229i	-2.0928+0.7036i
12.7	0.7641-0.1240i	1.5862-0.4458i	2.0555-0.1305i	0.6502+0.1295i	1.4869-0.3804i	0.6985+0.1365i	-2.1669+0.7756i
12.8	0.7457-0.1367i	1.5649-0.5133i	2.0837-0.1623i	0.6824+0.1522i	1.4750-0.4390i	0.6675+0.1480i	-2.2237+0.8876i
12.9	0.7460-0.1455i	1.5506-0.5574i	2.1502-0.1898i	0.7337+0.1667i	1.4660-0.4773i	0.6769+0.1549i	-2.2705+0.9721i
13.0	0.7311-0.1367i	1.4995-0.5707i	2.2037-0.2288i	0.7932+0.1643i	1.4249-0.4936i	0.6696+0.1534i	-2.3024+1.0192i
13.1	0.7149-0.1185i	1.4789-0.5490i	2.2181-0.2300i	0.8080+0.1688i	1.4098-0.4770i	0.6484+0.1502i	-2.3413+0.9938i
13.2	0.7198-0.0904i	1.4895-0.5254i	2.3007-0.2521i	0.8516+0.1686i	1.4282-0.4615i	0.6329+0.1320i	-2.4676+0.9769i
13.3	0.7362-0.0596i	1.5324-0.4889i	2.3607-0.2473i	0.8812+0.1729i	1.4658-0.4299i	0.5965+0.1373i	-2.6142+0.9530i
13.4	0.7849-0.0334i	1.6056-0.4818i	2.4788-0.2760i	0.9439+0.1599i	1.5313-0.4238i	0.5514+0.1692i	-2.8726+1.0038i
13.5	0.8186-0.0256i	1.6596-0.4860i	2.5622-0.3122i	0.9815+0.1487i	1.5812-0.4289i	0.5281+0.1945i	-3.0544+1.0696i
13.6	0.8704-0.0251i	1.7682-0.4868i	2.6999-0.3686i	1.0375+0.1261i	1.6800-0.4276i	0.5033+0.2059i	-3.3168+1.1526i
13.7	0.9226-0.0386i	1.8941-0.4976i	2.8360-0.4464i	1.0858+0.0839i	1.7932-0.4377i	0.4656+0.2298i	-3.6211+1.2738i
13.8	0.9536-0.0424i	1.9918-0.5116i	2.9439-0.4816i	1.1162+0.0677i	1.8868-0.4551i	0.4173+0.2573i	-3.8924+1.3285i
13.9	0.9940-0.0411i	2.1162-0.5348i	3.1002-0.5294i	1.1528+0.0582i	2.0057-0.4794i	0.3742+0.3022i	-4.2396+1.4380i
14.0	1.0252-0.0753i	2.2196-0.6448i	3.2263-0.7259i	1.1767+0.0078i	2.1040-0.5842i	0.3360+0.3527i	-4.5592+1.7748i
14.1	1.0656-0.1107i	2.3476-0.7559i	3.3902-0.9287i	1.2159-0.0347i	2.2263-0.6848i	0.3035+0.3872i	-4.9252+2.0987i
14.2	1.1231-0.1348i	2.5035-0.8692i	3.5795-1.1045i	1.2672-0.0661i	2.3691-0.7879i	0.2843+0.4559i	-5.3076+2.4458i
14.3	1.1533-0.1538i	2.6523-0.9863i	3.7187-1.3054i	1.2870-0.0936i	2.5094-0.9000i	0.2402+0.5324i	-5.6856+2.8641i
14.4	1.1982-0.1955i	2.8303-1.1491i	3.9270-1.5776i	1.3251-0.1429i	2.6773-1.0519i	0.1994+0.6257i	-6.1629+3.3986i
14.5	1.2727-0.2419i	3.0523-1.3986i	4.2023-2.0740i	1.3995-0.2024i	2.8913-1.2888i	0.1707+0.7178i	-6.7667+4.2305i
14.6	1.2897-0.2747i	3.1255-1.6899i	4.2005-2.6188i	1.4199-0.2471i	2.9654-1.5654i	0.1699+0.8083i	-6.9155+5.1318i
14.7	1.2831-0.3638i	2.9870-2.0495i	3.6435-3.2263i	1.4001-0.3515i	2.8354-1.9018i	0.2256+0.8658i	-6.2693+6.1542i
14.8	1.3126-0.3736i	2.9194-2.1488i	3.1710-3.2926i	1.4040-0.3703i	2.7735-2.0034i	0.2266+0.9449i	-5.8581+6.4586i
14.9	1.3279-0.3769i	2.9352-2.1894i	2.7728-2.9799i	1.4040-0.3727i	2.7781-2.0466i	0.1427+1.0083i	-5.7503+6.3254i
15.0	1.4031-0.3667i	3.1805-2.1645i	2.9537-2.7076i	1.4649-0.3611i	3.0083-2.0228i	0.0057+1.0647i	-6.4688+6.1825i
15.1	1.5919-0.4327i	3.8199-2.4477i	3.5992-2.6517i	1.6255-0.4247i	3.6087-2.2909i	-0.2219+1.3363i	-8.1671+6.9414i
15.2	1.7265-0.5114i	4.5389-3.0665i	4.3948-2.9493i	1.7426-0.4858i	4.2818-2.8679i	-0.4399+1.8295i	-9.9930+8.5984i
15.3	1.7686-0.6074i	4.9114-3.9263i	4.8611-3.6211i	1.7759-0.5678i	4.6315-3.6788i	-0.5359+2.4015i	-10.9872+10.9865i
15.4	1.7995-0.8593i	5.2171-5.7548i	5.3546-5.1716i	1.7907-0.7701i	4.9192-5.4103i	-0.4672+3.4799i	-11.7480+16.0021i
15.5	1.8455-1.2538i	4.3774-8.0936i	4.9254-7.4637i	1.8478-1.1293i	4.1144-7.6177i	0.4614+4.5488i	-9.3104+22.3113i
15.6	1.7056-1.4386i	2.4370-9.9884i	3.2981-9.2946i	1.7241-1.2879i	2.2638-9.3886i	1.9314+5.5090i	-3.6665+27.5311i
15.7	1.3954-1.5823i	-0.5357-9.9732i	0.6054-9.4451i	1.4531-1.4121i	-0.5322-9.3594i	3.7797+4.9687i	4.7131+26.9827i
15.8	1.1347-1.6498i	-4.0539-8.1097i	-2.4312-7.9847i	1.2626-1.4785i	-3.8390-7.5688i	5.9645+3.0713i	14.4082+21.0222i
15.9	1.2165-1.4561i	-5.0849-6.6883i	-3.1233-6.6538i	1.3760-1.2914i	-4.8087-6.2262i	6.8193+2.0527i	17.1669+16.8451i
16.0	1.3127-1.4744i	-5.3209-5.3298i	-3.1582-5.5591i	1.4739-1.3332i	-5.0216-4.9381i	7.0351+0.8767i	17.6274+12.8248i
16.1	1.4447-1.6116i	-5.2210-4.0667i	-2.8422-4.7025i	1.6182-1.4996i	-4.9245-3.7394i	6.9592-0.4438i	16.9112+9.0831i
16.2	1.5890-1.6663i	-4.8942-3.2900i	-2.3225-4.1895i	1.7728-1.5718i	-4.6076-3.0043i	6.7909-1.2259i	15.6205+6.9282i
16.3	1.5920-1.9095i	-4.5692-2.6521i	-2.0394-4.1229i	1.7716-1.8341i	-4.2924-2.4027i	6.3404-2.1722i	14.3852+5.3516i
16.4	1.4033-2.2630i	-4.2546-1.8959i	-2.0763-4.1563i	1.5805-2.2006i	-3.9775-1.6904i	5.4859-3.4205i	13.1895+3.4266i
16.5	1.2112-2.3867i	-3.8781-1.5689i	-2.2032-4.0957i	1.3854-2.3296i	-3.6140-1.3890i	4.5379-3.8480i	12.0614+2.7422i
16.6	0.9084-2.5842i	-3.4849-1.1478i	-2.4825-3.9050i	1.0838-2.5399i	-3.2303-1.0047i	3.3720-4.1588i	10.9631+1.7157i
16.7	0.6234-2.6687i	-3.1295-0.9400i	-2.6060-3.6928i	0.7924-2.6371i	-2.8933-0.8105i	2.5142-4.1357i	9.8722+1.1468i
16.8	0.2103-2.6848i	-2.8351-0.6755i	-2.9270-3.4199i	0.3742-2.6642i	-2.6158-0.5648i	1.5188-3.9523i	8.8551+0.6199i
16.9	0.0010-2.7436i	-2.6237-0.5311i	-3.1302-3.2912i	0.1649-2.7278i	-2.4129-0.4280i	1.0018-3.8707i	8.2886+0.3867i
17.0	-0.1547-2.6959i	-2.4102-0.5919i	-3.1480-3.0530i	0.0026-2.6889i	-2.2125-0.4866i	0.6581-3.5289i	7.7613+0.6171i
17.1	-0.4469-2.4497i	-2.2309-0.5503i	-3.1868-2.5088i	-0.2986-2.4505i	-2.0376-0.4546i	0.2498-2.8760i	7.2587+0.5887i
17.2	-0.5418-2.4567i	-2.1201-0.4660i	-3.2299-2.3535i	-0.3987-2.4559i	-1.9320-0.3765i	0.1515-2.6350i	7.1050+0.4030i
17.3	-0.6924-2.3190i	-1.9364-0.4624i	-3.0970-2.0726i	-0.5516-2.3220i	-1.7568-0.3765i	0.1441-2.3252i	6.6348+0.3864i
17.4	-0.8516-2.1075i	-1.8270-0.4462i	-2.9875-1.7635i	-0.7146-2.1147i	-1.6501-0.3654i	0.1248-2.0417i	6.3099+0.3361i
17.5	-0.9901-2.0890i	-1.7348-0.4545i	-2.9577-1.7215i	-0.8587-2.0995i	-1.5586-0.3690i	0.1037-2.0347i	6.1423+0.3121i
17.6	-1.1713-1.9360i	-1.6516-0.4623i	-2.9850-1.5658i	-1.0421-1.9471i	-1.4747-0.3773i	-0.0117-1.9462i	5.9179+0.2414i
17.7	-1.3131-1.7741i	-1.5964-0.4769i	-3.0310-1.3892i	-1.1841-1.7869i	-1.4194-0.3951i	-0.1272-1.8443i	5.7408+0.1933i
17.8	-1.3933-1.6461i	-1.5695-0.5098i	-3.0028-1.2557i	-1.2675-1.6608i	-1.3888-0.4300i	-0.2016-1.8030i	5.6079+0.1841i
17.9	-1.3539-1.3976i	-1.5279-0.5198i	-2.8116-1.0182i	-1.2335-1.4153i	-1.3497-0.4428i	-0.1968-1.6122i	5.3922+0.1706i
18.0	-1.3021-1.1963i	-1.5006-0.5355i	-2.6196-0.8698i	-1.1864-1.2125i	-1.3236-0.4624i	-0.1802-1.4602i	5.2119+0.1765i
18.1	-1.2571-1.0317i	-1.4814-0.5192i	-2.4989-0.7887i	-1.1461-1.0427i	-1.3030-0.4498i	-0.2019-1.3492i	5.0653+0.1585i
18.2	-1.2490-0.9533i	-1.4721-0.5163i	-2.4742-0.7699i	-1.1416-0.9626i	-1.2882-0.4489i	-0.2520-1.3179i	5.0029+0.1438i

18.3	-1.2476-0.8966i	-1.4725-0.5218i	-2.4844-0.7697i	-1.1405-0.9017i	-1.2848-0.4567i	-0.3308-1.2853i	4.9441+0.1499i
18.4	-1.2507-0.8177i	-1.4681-0.5083i	-2.5388-0.7437i	-1.1430-0.8170i	-1.2786-0.4493i	-0.4243-1.2385i	4.8756+0.1120i
18.5	-1.2003-0.6528i	-1.4547-0.5087i	-2.6519-0.5242i	-1.0795-0.6508i	-1.2638-0.4592i	-0.5495-1.0327i	4.7927+0.0907i
18.6	-1.0935-0.5160i	-1.4514-0.5096i	-2.5482-0.1302i	-0.9683-0.5290i	-1.2629-0.4689i	-0.4890-0.7575i	4.7587-0.0156i
18.7	-0.9458-0.4829i	-1.4487-0.5004i	-2.1611+0.0390i	-0.8346-0.5064i	-1.2658-0.4638i	-0.2864-0.6812i	4.5975-0.1370i
18.8	-0.8719-0.5173i	-1.4772-0.4955i	-1.9110-0.0674i	-0.7715-0.5344i	-1.2928-0.4606i	-0.2400-0.7288i	4.4243-0.1414i
18.9	-0.8460-0.5217i	-1.5066-0.4862i	-1.8171-0.1257i	-0.7489-0.5320i	-1.3221-0.4557i	-0.2524-0.7096i	4.3232-0.1379i
19.0	-0.8104-0.5011i	-1.5370-0.4501i	-1.7097-0.1511i	-0.7141-0.5062i	-1.3529-0.4254i	-0.2476-0.6511i	4.1940-0.1432i
19.1	-0.7893-0.4826i	-1.5477-0.4117i	-1.6526-0.1814i	-0.6902-0.4827i	-1.3662-0.3934i	-0.2316-0.5954i	4.1014-0.1313i
19.2	-0.7807-0.4789i	-1.5658-0.3951i	-1.6320-0.2232i	-0.6789-0.4753i	-1.3861-0.3786i	-0.2220-0.5637i	4.0518-0.0952i
19.3	-0.7602-0.4696i	-1.5889-0.3527i	-1.6153-0.2424i	-0.6540-0.4659i	-1.4093-0.3396i	-0.2007-0.5327i	4.0164-0.0798i
19.4	-0.7398-0.4558i	-1.5923-0.3125i	-1.5849-0.2455i	-0.6313-0.4525i	-1.4131-0.3012i	-0.1801-0.5067i	3.9653-0.0727i
19.5	-0.7115-0.4243i	-1.5920-0.2474i	-1.5369-0.2202i	-0.5983-0.4217i	-1.4152-0.2418i	-0.1617-0.4704i	3.8716-0.1126i
19.6	-0.7038-0.4202i	-1.6035-0.2228i	-1.5276-0.2267i	-0.5881-0.4177i	-1.4259-0.2203i	-0.1587-0.4552i	3.8464-0.0964i
19.7	-0.7000-0.4103i	-1.6185-0.1790i	-1.5233-0.2163i	-0.5802-0.4101i	-1.4397-0.1785i	-0.1668-0.4262i	3.8229-0.0818i
19.8	-0.6966-0.4034i	-1.6607-0.1353i	-1.5258-0.2134i	-0.5740-0.4022i	-1.4780-0.1365i	-0.1757-0.3874i	3.8204-0.0670i
19.9	-0.6868-0.3864i	-1.6850-0.0947i	-1.5069-0.1993i	-0.5631-0.3865i	-1.4996-0.1002i	-0.1726-0.3444i	3.7894-0.0709i
20.0	-0.6758-0.3704i	-1.7201-0.0334i	-1.4935-0.1787i	-0.5468-0.3721i	-1.5308-0.0431i	-0.1586-0.2932i	3.7802-0.0673i
20.1	-0.6571-0.3470i	-1.7371+0.0196i	-1.4719-0.1492i	-0.5264-0.3518i	-1.5462+0.0051i	-0.1363-0.2459i	3.7548-0.0792i
20.2	-0.6650-0.3318i	-1.7730+0.0981i	-1.4728-0.1211i	-0.5310-0.3412i	-1.5785+0.0748i	-0.1161-0.2170i	3.7882-0.1170i
20.3	-0.6603-0.3081i	-1.7994+0.1946i	-1.4533-0.0797i	-0.5236-0.3216i	-1.6020+0.1620i	-0.0880-0.1825i	3.7969-0.1700i
20.4	-0.6436-0.2827i	-1.8270+0.3231i	-1.4185-0.0460i	-0.5042-0.3017i	-1.6267+0.2788i	-0.0554-0.1479i	3.7878-0.2391i
20.5	-0.6334-0.2641i	-1.8628+0.4404i	-1.3994-0.0244i	-0.4917-0.2867i	-1.6586+0.3847i	-0.0272-0.1270i	3.7993-0.3015i
20.6	-0.6249-0.2343i	-1.8577+0.6447i	-1.3813+0.0196i	-0.4809-0.2637i	-1.6543+0.5685i	0.0071-0.1065i	3.8015-0.4338i
20.7	-0.6134-0.2206i	-1.7578+0.7963i	-1.3595+0.0394i	-0.4691-0.2554i	-1.5620+0.7037i	0.0297-0.1004i	3.7448-0.5200i
20.8	-0.5959-0.2132i	-1.6795+0.9238i	-1.3277+0.0702i	-0.4534-0.2529i	-1.4911+0.8178i	0.0545-0.0964i	3.6924-0.6049i
20.9	-0.5780-0.1995i	-1.5457+1.0231i	-1.2843+0.0819i	-0.4396-0.2450i	-1.3700+0.9084i	0.0686-0.0993i	3.5869-0.6694i
21.0	-0.5684-0.1850i	-1.3929+1.1814i	-1.2680+0.1097i	-0.4304-0.2364i	-1.2310+1.0509i	0.0779-0.0880i	3.5081-0.7670i
21.1	-0.5533-0.1688i	-1.2299+1.2233i	-1.2414+0.1244i	-0.4189-0.2214i	-1.0838+1.0868i	0.0761-0.0728i	3.3999-0.7925i
21.2	-0.5362-0.1653i	-1.0655+1.2218i	-1.1950+0.1389i	-0.4033-0.2194i	-0.9352+1.0869i	0.1074-0.0553i	3.3054-0.7831i
21.3	-0.5133-0.1548i	-0.8711+1.1969i	-1.1479+0.1497i	-0.3819-0.2095i	-0.7613+1.0645i	0.1337-0.0338i	3.1870-0.7527i
21.4	-0.5046-0.1373i	-0.7193+1.1887i	-1.1137+0.1697i	-0.3757-0.1948i	-0.6247+1.0562i	0.1512-0.0254i	3.0976-0.7737i
21.5	-0.4950-0.1261i	-0.6387+1.1129i	-1.0838+0.1841i	-0.3670-0.1862i	-0.5517+0.9877i	0.1787-0.0213i	3.0601-0.7745i
21.6	-0.4822-0.1255i	-0.6059+1.0069i	-1.0504+0.1830i	-0.3519-0.1854i	-0.5194+0.8924i	0.2082-0.0134i	3.0488-0.7307i
21.7	-0.4774-0.1187i	-0.5737+0.9650i	-1.0221+0.1774i	-0.3444-0.1831i	-0.4906+0.8538i	0.2295-0.0221i	3.0304-0.7235i
21.8	-0.4704-0.1149i	-0.5419+0.9480i	-1.0013+0.1782i	-0.3344-0.1849i	-0.4607+0.8387i	0.2455-0.0334i	3.0156-0.7425i
21.9	-0.4668-0.1043i	-0.5436+0.9108i	-0.9832+0.1853i	-0.3295-0.1813i	-0.4609+0.8029i	0.2615-0.0354i	3.0281-0.7643i
22.0	-0.4677-0.0835i	-0.5517+0.9183i	-0.9653+0.1993i	-0.3305-0.1712i	-0.4672+0.8060i	0.2814-0.0505i	3.0500-0.8566i
22.1	-0.4654-0.0723i	-0.5370+0.9603i	-0.9437+0.2081i	-0.3276-0.1722i	-0.4526+0.8414i	0.2943-0.0719i	3.0342-0.9582i
22.2	-0.4511-0.0623i	-0.5504+0.9689i	-0.9147+0.2013i	-0.3139-0.1714i	-0.4637+0.8466i	0.2974-0.0789i	3.0092-0.9930i
22.3	-0.4432-0.0417i	-0.5182+0.9934i	-0.8932+0.2117i	-0.3118-0.1601i	-0.4361+0.8653i	0.2965-0.0861i	2.9568-1.0759i
22.4	-0.4331-0.0157i	-0.4698+1.1164i	-0.8573+0.2208i	-0.3133-0.1521i	-0.3946+0.9707i	0.2900-0.1034i	2.8494-1.2530i
22.5	-0.4189+0.0021i	-0.4235+1.1746i	-0.8340+0.2329i	-0.3086-0.1467i	-0.3535+1.0192i	0.2859-0.1055i	2.7645-1.3587i
22.6	-0.4002+0.0147i	-0.3298+1.2594i	-0.8024+0.2322i	-0.3026-0.1507i	-0.2730+1.0913i	0.2963-0.1162i	2.6594-1.4804i
22.7	-0.3641+0.0373i	-0.1323+1.3499i	-0.7483+0.2239i	-0.2970-0.1371i	-0.1039+1.1690i	0.2805-0.1257i	2.3694-1.6043i
22.8	-0.3384+0.0529i	0.0515+1.3505i	-0.7282+0.2135i	-0.2962-0.1162i	0.0543+1.1680i	0.2621-0.1162i	2.1275-1.5988i
22.9	-0.3055+0.0568i	0.2929+1.2446i	-0.7121+0.2024i	-0.2875-0.0973i	0.2652+1.0754i	0.2535-0.1017i	1.8749-1.4962i
23.0	-0.2815+0.0465i	0.4126+1.1050i	-0.6986+0.1931i	-0.2767-0.0923i	0.3686+0.9539i	0.2568-0.0729i	1.7417-1.3316i
23.1	-0.2436+0.0357i	0.5320+0.9606i	-0.6598+0.1543i	-0.2532-0.0862i	0.4701+0.8295i	0.2638-0.0646i	1.5572-1.1642i
23.2	-0.2287+0.0128i	0.5998+0.8128i	-0.6549+0.1056i	-0.2439-0.0884i	0.5280+0.7030i	0.2707-0.0596i	1.4796-0.9570i
23.3	-0.2152-0.0071i	0.6484+0.6608i	-0.6601+0.0726i	-0.2354-0.0900i	0.5697+0.5723i	0.2753-0.0539i	1.4260-0.7719i
23.4	-0.2053-0.0202i	0.6191+0.5177i	-0.6596+0.0634i	-0.2182-0.0911i	0.5464+0.4489i	0.2791-0.0500i	1.4461-0.6409i
23.5	-0.1992-0.0308i	0.5802+0.3857i	-0.6636+0.0561i	-0.2064-0.0892i	0.5139+0.3350i	0.2921-0.0402i	1.4905-0.5147i
23.6	-0.2045-0.0324i	0.5657+0.2886i	-0.6859+0.0512i	-0.2087-0.0798i	0.5005+0.2488i	0.3035-0.0279i	1.5330-0.4158i
23.7	-0.2013-0.0448i	0.5049+0.2201i	-0.6942+0.0499i	-0.2015-0.0873i	0.4476+0.1890i	0.3121-0.0283i	1.5855-0.3579i
23.8	-0.1993-0.0467i	0.4545+0.1692i	-0.6917+0.0507i	-0.1940-0.0852i	0.4057+0.1445i	0.3252-0.0263i	1.6346-0.3303i
23.9	-0.2050-0.0407i	0.3984+0.1254i	-0.6987+0.0568i	-0.1933-0.0763i	0.3581+0.1064i	0.3273-0.0227i	1.6801-0.3127i
24.0	-0.2083-0.0382i	0.3530+0.0953i	-0.7072+0.0678i	-0.1918-0.0708i	0.3183+0.0793i	0.3317-0.0224i	1.7134-0.3031i
24.1	-0.1985-0.0322i	0.3024+0.0550i	-0.7039+0.0690i	-0.1772-0.0615i	0.2754+0.0423i	0.3452-0.0035i	1.7455-0.2580i
24.2	-0.1952-0.0281i	0.2673+0.0351i	-0.7069+0.0732i	-0.1691-0.0568i	0.2448+0.0223i	0.3572+0.0067i	1.7797-0.2406i
24.3	-0.1894-0.0155i	0.2417+0.0135i	-0.7044+0.0937i	-0.1595-0.0464i	0.2238+0.0027i	0.3651-0.0024i	1.7771-0.2637i
24.4	-0.1916-0.0106i	0.2274-0.0014i	-0.7107+0.1086i	-0.1567-0.0408i	0.2128-0.0087i	0.3778-0.0081i	1.7969-0.2643i
24.5	-0.1809-0.0038i	0.1973-0.0177i	-0.7072+0.1284i	-0.1472-0.0359i	0.1832-0.0237i	0.3906-0.0206i	1.8039-0.2975i

24.6	-0.1780-0.0082i	0.1714-0.0113i	-0.7169+0.1220i	-0.1425-0.0381i	0.1597-0.0181i	0.4086-0.0108i	1.8499-0.2616i
24.7	-0.1618+0.0028i	0.1465-0.0089i	-0.7044+0.1289i	-0.1246-0.0292i	0.1380-0.0171i	0.4227-0.0038i	1.8534-0.2589i
24.8	-0.1498+0.0021i	0.1239-0.0146i	-0.6937+0.1426i	-0.1130-0.0322i	0.1173-0.0229i	0.4395-0.0172i	1.8621-0.2849i
24.9	-0.1365-0.0077i	0.1065-0.0117i	-0.6911+0.1385i	-0.0995-0.0417i	0.1016-0.0203i	0.4565-0.0245i	1.8801-0.2768i
25.0	-0.1330-0.0147i	0.0911-0.0112i	-0.6964+0.1421i	-0.0975-0.0472i	0.0864-0.0198i	0.4637-0.0359i	1.8894-0.2806i
25.1	-0.1329-0.0173i	0.0759-0.0127i	-0.7053+0.1488i	-0.0998-0.0508i	0.0723-0.0231i	0.4779-0.0489i	1.9196-0.2959i
25.2	-0.1211-0.0118i	0.0653-0.0194i	-0.6953+0.1751i	-0.0865-0.0481i	0.0617-0.0277i	0.4923-0.0710i	1.9250-0.3481i
25.3	-0.1157-0.0008i	0.0634-0.0286i	-0.6881+0.2093i	-0.0749-0.0359i	0.0619-0.0332i	0.4950-0.0923i	1.9205-0.4171i
25.4	-0.1032-0.0042i	0.0465-0.0316i	-0.6717+0.2184i	-0.0650-0.0397i	0.0474-0.0348i	0.4840-0.0978i	1.8760-0.4148i
25.5	-0.0982-0.0065i	0.0375-0.0297i	-0.6717+0.2321i	-0.0625-0.0426i	0.0375-0.0323i	0.4925-0.1070i	1.8933-0.4263i
25.6	-0.1026-0.0058i	0.0362-0.0352i	-0.6868+0.2535i	-0.0640-0.0445i	0.0365-0.0392i	0.5148-0.1226i	1.9630-0.4616i
25.7	-0.0895+0.0001i	0.0315-0.0380i	-0.6479+0.2830i	-0.0520-0.0382i	0.0327-0.0420i	0.4985-0.1440i	1.9009-0.5219i
25.8	-0.0822-0.0167i	0.0150-0.0237i	-0.6306+0.2830i	-0.0477-0.0494i	0.0180-0.0267i	0.4905-0.1494i	1.8672-0.5090i
25.9	-0.0778-0.0190i	0.0093-0.0244i	-0.6096+0.2823i	-0.0413-0.0500i	0.0133-0.0275i	0.4847-0.1506i	1.8402-0.5051i
26.0	-0.0670-0.0138i	0.0002-0.0299i	-0.5790+0.2976i	-0.0331-0.0469i	0.0033-0.0327i	0.4766-0.1669i	1.8010-0.5430i
26.1	-0.0620-0.0177i	-0.0043-0.0291i	-0.5796+0.3047i	-0.0296-0.0517i	-0.0008-0.0319i	0.4880-0.1752i	1.8236-0.5560i
26.2	-0.0575-0.0206i	-0.0093-0.0235i	-0.5664+0.3115i	-0.0277-0.0550i	-0.0052-0.0257i	0.4899-0.1848i	1.8107-0.5908i
26.3	-0.0557-0.0158i	-0.0181-0.0233i	-0.5216+0.3295i	-0.0303-0.0505i	-0.0112-0.0249i	0.4697-0.2103i	1.7407-0.6633i
26.4	-0.0583-0.0103i	-0.0197-0.0272i	-0.5053+0.3503i	-0.0315-0.0468i	-0.0138-0.0297i	0.4683-0.2342i	1.7284-0.7214i
26.5	-0.0580-0.0169i	-0.0137-0.0262i	-0.5110+0.3463i	-0.0294-0.0522i	-0.0087-0.0285i	0.4867-0.2326i	1.7715-0.7162i
26.6	-0.0496-0.0174i	-0.0194-0.0328i	-0.4819+0.3333i	-0.0260-0.0499i	-0.0129-0.0345i	0.4775-0.2449i	1.7221-0.7337i
26.7	-0.0421-0.0199i	-0.0337-0.0354i	-0.4605+0.3228i	-0.0234-0.0479i	-0.0245-0.0359i	0.4699-0.2586i	1.6807-0.7568i
26.8	-0.0343-0.0139i	-0.0497-0.0363i	-0.4552+0.3295i	-0.0130-0.0408i	-0.0385-0.0371i	0.4614-0.2817i	1.6542-0.8191i
26.9	-0.0309-0.0160i	-0.0512-0.0429i	-0.4578+0.3278i	-0.0068-0.0437i	-0.0399-0.0426i	0.4613-0.2932i	1.6520-0.8377i
27.0	-0.0293-0.0117i	-0.0606-0.0371i	-0.4576+0.3513i	-0.0046-0.0407i	-0.0458-0.0362i	0.4536-0.3205i	1.6230-0.9093i
27.1	-0.0315-0.0136i	-0.0727-0.0210i	-0.4719+0.3694i	-0.0054-0.0422i	-0.0568-0.0229i	0.4526-0.3410i	1.6288-0.9626i
27.2	-0.0236+0.0006i	-0.0861-0.0022i	-0.4405+0.4136i	-0.0013-0.0306i	-0.0697-0.0069i	0.4141-0.3797i	1.5118-1.0858i
27.3	-0.0191+0.0043i	-0.0861+0.0116i	-0.4158+0.4455i	0.0037-0.0275i	-0.0706+0.0046i	0.3912-0.4061i	1.4388-1.1599i
27.4	-0.0113+0.0074i	-0.0846+0.0247i	-0.3831+0.4760i	0.0118-0.0242i	-0.0673+0.0148i	0.3659-0.4306i	1.3528-1.2347i
27.5	0.0022+0.0074i	-0.0781+0.0352i	-0.3417+0.4931i	0.0189-0.0260i	-0.0625+0.0220i	0.3322-0.4450i	1.2379-1.2753i
27.6	0.0121+0.0167i	-0.0694+0.0469i	-0.2612+0.5216i	0.0249-0.0156i	-0.0572+0.0317i	0.2551-0.4739i	1.0145-1.3598i
27.7	0.0283+0.0125i	-0.0624+0.0530i	-0.2173+0.4954i	0.0402-0.0164i	-0.0515+0.0393i	0.2208-0.4481i	0.8871-1.2829i
27.8	0.0505+0.0119i	-0.0390+0.0556i	-0.1281+0.4591i	0.0558-0.0162i	-0.0329+0.0406i	0.1468-0.4078i	0.6488-1.1772i
27.9	0.0670+0.0121i	-0.0245+0.0557i	-0.0592+0.4330i	0.0642-0.0138i	-0.0244+0.0406i	0.0906-0.3864i	0.4737-1.1054i
28.0	0.0785-0.0008i	-0.0196+0.0478i	-0.0240+0.3721i	0.0768-0.0221i	-0.0189+0.0353i	0.0529-0.3348i	0.3676-0.9432i
28.1	0.0898-0.0111i	-0.0176+0.0393i	0.0140+0.3197i	0.0886-0.0234i	-0.0183+0.0302i	0.0210-0.2957i	0.2634-0.8125i
28.2	0.0954-0.0113i	-0.0189+0.0299i	0.0272+0.2807i	0.0913-0.0219i	-0.0203+0.0223i	0.0132-0.2586i	0.2277-0.7068i
28.3	0.1057-0.0160i	-0.0120+0.0193i	0.0392+0.2240i	0.0949-0.0231i	-0.0146+0.0145i	0.0058-0.2022i	0.1891-0.5464i
28.4	0.1057-0.0201i	-0.0046+0.0180i	0.0368+0.2016i	0.0962-0.0239i	-0.0073+0.0143i	0.0044-0.1826i	0.1923-0.4878i
28.5	0.1227-0.0318i	-0.0106+0.0209i	0.0082+0.1521i	0.1163-0.0281i	-0.0141+0.0187i	0.0348-0.1441i	0.2607-0.3565i
28.6	0.1308-0.0388i	-0.0047+0.0181i	0.0065+0.1316i	0.1284-0.0346i	-0.0097+0.0159i	0.0386-0.1269i	0.2644-0.3032i
28.7	0.1383-0.0412i	-0.0062+0.0088i	0.0026+0.1075i	0.1344-0.0367i	-0.0093+0.0092i	0.0418-0.1041i	0.2730-0.2385i
28.8	0.1464-0.0473i	-0.0126+0.0086i	-0.0127+0.0808i	0.1455-0.0397i	-0.0132+0.0093i	0.0529-0.0771i	0.3007-0.1578i
28.9	0.1553-0.0542i	-0.0144+0.0117i	-0.0185+0.0668i	0.1526-0.0441i	-0.0145+0.0129i	0.0604-0.0608i	0.3115-0.1182i
29.0	0.1565-0.0601i	-0.0095+0.0104i	-0.0349+0.0584i	0.1546-0.0502i	-0.0097+0.0108i	0.0734-0.0500i	0.3464-0.0858i
29.1	0.1599-0.0656i	-0.0077+0.0022i	-0.0362+0.0525i	0.1569-0.0542i	-0.0064+0.0045i	0.0751-0.0435i	0.3509-0.0685i
29.2	0.1776-0.0788i	-0.0199+0.0085i	-0.0372+0.0333i	0.1697-0.0627i	-0.0197+0.0122i	0.0823-0.0300i	0.3422-0.0270i
29.3	0.1916-0.0801i	-0.0263+0.0045i	-0.0373+0.0245i	0.1794-0.0645i	-0.0277+0.0099i	0.0860-0.0194i	0.3456-0.0038i
29.4	0.1893-0.0805i	-0.0327+0.0005i	-0.0506+0.0227i	0.1790-0.0642i	-0.0332+0.0076i	0.0875-0.0111i	0.3686+0.0130i
29.5	0.2036-0.0938i	-0.0247+0.0070i	-0.0460+0.0175i	0.1900-0.0739i	-0.0249+0.0159i	0.0915-0.0002i	0.3544+0.0389i
29.6	0.2121-0.1038i	-0.0253+0.0072i	-0.0412+0.0080i	0.1970-0.0791i	-0.0269+0.0164i	0.0902+0.0088i	0.3357+0.0737i
29.7	0.2059-0.0995i	-0.0193+0.0102i	-0.0464+0.0047i	0.1881-0.0712i	-0.0223+0.0193i	0.0882+0.0162i	0.3334+0.0743i
29.8	0.2112-0.0992i	-0.0264-0.0013i	-0.0411+0.0116i	0.1893-0.0749i	-0.0291+0.0076i	0.0879+0.0176i	0.3455+0.0828i
29.9	0.2437-0.1069i	-0.0384-0.0033i	-0.0201+0.0065i	0.2108-0.0824i	-0.0384+0.0074i	0.0818+0.0332i	0.2996+0.1132i
30.0	0.2619-0.1204i	-0.0448-0.0016i	-0.0018+0.0065i	0.2202-0.0923i	-0.0445+0.0109i	0.0729+0.0425i	0.2526+0.1188i
30.1	0.2593-0.1338i	-0.0495-0.0072i	0.0042-0.0047i	0.2199-0.1018i	-0.0474+0.0063i	0.0781+0.0513i	0.2633+0.1538i
30.2	0.2684-0.1379i	-0.0448-0.0015i	0.0208-0.0128i	0.2184-0.1036i	-0.0455+0.0103i	0.0728+0.0606i	0.2267+0.1633i
30.3	0.2632-0.1423i	-0.0575+0.0068i	0.0136-0.0270i	0.2082-0.0992i	-0.0582+0.0176i	0.0730+0.0698i	0.2283+0.1873i
30.4	0.2790-0.1451i	-0.0698+0.0117i	0.0236-0.0257i	0.2192-0.0953i	-0.0688+0.0251i	0.0666+0.0797i	0.1923+0.2007i
30.5	0.3056-0.1645i	-0.0814+0.0254i	0.0460-0.0398i	0.2297-0.1066i	-0.0820+0.0388i	0.0638+0.0999i	0.1561+0.2336i
30.6	0.3100-0.1832i	-0.0761+0.0379i	0.0610-0.0513i	0.2245-0.1107i	-0.0781+0.0524i	0.0611+0.1069i	0.1147+0.2671i
30.7	0.3145-0.2023i	-0.0676+0.0387i	0.0691-0.0720i	0.2300-0.1045i	-0.0685+0.0568i	0.0594+0.1280i	0.0920+0.3612i
30.8	0.3189-0.2050i	-0.0727+0.0289i	0.0973-0.0823i	0.2260-0.0938i	-0.0698+0.0517i	0.0493+0.1365i	0.0517+0.3992i

30.9	0.3255-0.1982i	-0.0676+0.0327i	0.1016-0.0781i	0.2423-0.0794i	-0.0636+0.0556i	0.0409+0.1385i	0.0358+0.4052i
31.0	0.3317-0.2118i	-0.0830+0.0482i	0.1235-0.1076i	0.2337-0.0777i	-0.0777+0.0714i	0.0346+0.1544i	0.0085+0.4544i
31.1	0.3475-0.2284i	-0.0946+0.0609i	0.1517-0.1305i	0.2259-0.0796i	-0.0915+0.0853i	0.0263+0.1710i	-0.0310+0.4799i
31.2	0.3822-0.2461i	-0.1107+0.0886i	0.1836-0.1794i	0.2332-0.0708i	-0.1107+0.1087i	0.0068+0.2109i	-0.1228+0.5628i
31.3	0.3843-0.2527i	-0.0981+0.0979i	0.1835-0.2054i	0.2520-0.0341i	-0.0951+0.1233i	0.0010+0.2304i	-0.1420+0.6608i
31.4	0.4101-0.2691i	-0.1082+0.1180i	0.2047-0.2357i	0.2684-0.0140i	-0.1057+0.1446i	-0.0125+0.2564i	-0.1887+0.7453i
31.5	0.4025-0.2942i	-0.1158+0.1128i	0.2602-0.2953i	0.3113-0.0146i	-0.0994+0.1443i	-0.0389+0.3018i	-0.1616+0.8870i
31.6	0.4077-0.3198i	-0.0967+0.1334i	0.2564-0.3285i	0.3383-0.0099i	-0.0777+0.1683i	-0.0294+0.3350i	-0.1457+0.9731i
31.7	0.4159-0.3649i	-0.0774+0.1708i	0.2414-0.3909i	0.3479+0.0002i	-0.0603+0.2082i	-0.0091+0.3809i	-0.1400+1.1107i
31.8	0.4388-0.3823i	-0.0708+0.1920i	0.2767-0.4230i	0.3793+0.0382i	-0.0508+0.2329i	-0.0378+0.4132i	-0.2085+1.1891i
31.9	0.4369-0.3722i	-0.0794+0.1891i	0.2830-0.4484i	0.3935+0.0342i	-0.0551+0.2244i	-0.0467+0.4281i	-0.1899+1.1885i
32.0	0.4610-0.3801i	-0.0830+0.2147i	0.3190-0.5596i	0.4371+0.0227i	-0.0558+0.2388i	-0.0631+0.5142i	-0.2046+1.3102i
32.1	0.4794-0.4386i	-0.0637+0.2687i	0.3217-0.6716i	0.4822+0.0247i	-0.0326+0.2947i	-0.0485+0.6001i	-0.2209+1.4996i
32.2	0.4875-0.4727i	-0.0393+0.2983i	0.2917-0.7989i	0.5312+0.0270i	-0.0076+0.3189i	-0.0144+0.6929i	-0.1730+1.6958i
32.3	0.4842-0.4781i	-0.0167+0.2996i	0.2591-0.8315i	0.5593+0.0310i	0.0165+0.3180i	0.0063+0.7196i	-0.1114+1.7392i
32.4	0.4656-0.5090i	0.0277+0.3205i	0.2331-0.8836i	0.6119+0.0400i	0.0683+0.3392i	0.0300+0.7584i	-0.0315+1.8342i
32.5	0.5011-0.5401i	0.0409+0.3398i	0.1949-1.0011i	0.6542+0.0189i	0.0762+0.3528i	0.0678+0.8509i	-0.0088+1.9753i
32.6	0.5164-0.5491i	0.0811+0.3391i	0.1431-1.1057i	0.7337-0.0134i	0.1182+0.3420i	0.1163+0.9359i	0.0852+2.1035i
32.7	0.5460-0.5937i	0.1410+0.3720i	0.0553-1.2330i	0.8352-0.0167i	0.1777+0.3698i	0.2022+1.0468i	0.1652+2.3266i
32.8	0.5554-0.6232i	0.1910+0.3912i	-0.0618-1.3015i	0.8980-0.0248i	0.2224+0.3855i	0.2955+1.1027i	0.2800+2.4468i
32.9	0.5502-0.6615i	0.2744+0.3742i	-0.2194-1.3684i	0.9994-0.0726i	0.2997+0.3663i	0.4305+1.1540i	0.4970+2.6169i
33.0	0.6057-0.6830i	0.3243+0.3407i	-0.3858-1.4076i	1.1089-0.1326i	0.3378+0.3282i	0.5689+1.1908i	0.7015+2.7080i
33.1	0.6536-0.7135i	0.3557+0.3096i	-0.5294-1.4170i	1.1782-0.2015i	0.3587+0.2977i	0.6885+1.1983i	0.8843+2.7342i
33.2	0.7011-0.7708i	0.3963+0.2461i	-0.7184-1.4125i	1.2769-0.3420i	0.3893+0.2342i	0.8526+1.1874i	1.1695+2.7650i
33.3	0.7395-0.8334i	0.4249+0.2183i	-0.8372-1.3654i	1.3517-0.4302i	0.4146+0.2129i	0.9561+1.1489i	1.3402+2.7470i
33.4	0.8270-0.9324i	0.4493+0.1790i	-0.9788-1.3301i	1.4578-0.5458i	0.4305+0.1844i	1.0824+1.1241i	1.5251+2.7619i
33.5	0.8988-1.1451i	0.4839+0.1366i	-1.1308-1.2504i	1.5583-0.7707i	0.4574+0.1602i	1.2352+1.0563i	1.7194+2.7204i
33.6	0.9064-1.3109i	0.4825+0.0793i	-1.1574-1.1538i	1.5795-0.9652i	0.4583+0.1157i	1.2729+0.9758i	1.7597+2.6404i
33.7	0.9672-1.5266i	0.4678+0.0228i	-1.2175-1.1250i	1.6670-1.2125i	0.4498+0.0703i	1.3454+0.9480i	1.8140+2.7156i
33.8	0.9910-1.7851i	0.4398-0.0007i	-1.2064-1.1228i	1.7076-1.4731i	0.4332+0.0564i	1.3660+0.9327i	1.8105+2.8188i
33.9	0.8768-2.1420i	0.4450+0.0076i	-1.2602-1.2017i	1.6675-1.8179i	0.4488+0.0681i	1.4289+0.9633i	1.9107+3.1684i
34.0	0.6729-2.5787i	0.4683+0.0118i	-1.4837-1.3631i	1.5767-2.2615i	0.4794+0.0755i	1.6413+1.0516i	2.3675+3.7322i
34.1	0.3421-2.9783i	0.5012-0.0173i	-1.8031-1.4951i	1.3432-2.7177i	0.5153+0.0474i	1.9141+1.1013i	3.1857+4.1476i
34.2	-0.3333-3.3053i	0.5502-0.0950i	-2.3593-1.3080i	0.7649-3.1960i	0.5695-0.0237i	2.3410+0.9021i	4.5301+3.8663i
34.3	-1.4565-3.2906i	0.5689-0.2194i	-2.8957-0.6877i	-0.2603-3.4444i	0.6156-0.1449i	2.7262+0.3270i	5.8517+2.4987i
34.4	-2.1746-2.9275i	0.5390-0.3112i	-3.0274-0.1204i	-0.9965-3.2492i	0.6076-0.2422i	2.7893-0.1575i	6.1857+1.3178i
34.5	-2.8737-1.8845i	0.4256-0.4281i	-2.8474+0.7904i	-1.8245-2.4896i	0.5210-0.3916i	2.5868-0.8937i	5.8563-0.3882i
34.6	-3.0486-0.9700i	0.3341-0.4844i	-2.4953+1.3935i	-2.1523-1.7612i	0.4362-0.4778i	2.2666-1.3834i	5.2861-1.4371i
34.7	-2.8316-0.3088i	0.2493-0.4869i	-2.0225+1.6794i	-2.1170-1.1714i	0.3384-0.5024i	1.8686-1.6057i	4.5234-1.9509i
34.8	-2.4051+0.1064i	0.1666-0.4631i	-1.4929+1.7570i	-1.8850-0.7453i	0.2365-0.4890i	1.4399-1.6601i	3.7040-2.1956i
34.9	-1.9256+0.3930i	0.0968-0.4220i	-0.9944+1.7142i	-1.5832-0.4127i	0.1479-0.4521i	1.0224-1.6185i	2.9106-2.2892i
35.0	-1.6108+0.4990i	0.0542-0.3921i	-0.6831+1.6134i	-1.3843-0.2529i	0.0917-0.4222i	0.7584-1.5354i	2.4026-2.2763i
35.1	-1.2852+0.5626i	0.0026-0.3596i	-0.3607+1.4393i	-1.1869-0.1067i	0.0277-0.3837i	0.4717-1.3955i	1.8068-2.1591i
35.2	-1.0347+0.5657i	-0.0189-0.3091i	-0.1473+1.2128i	-1.0024-0.0049i	-0.0039-0.3303i	0.2787-1.2124i	1.3706-1.9267i
35.3	-0.8177+0.4838i	-0.0338-0.2597i	-0.0360+0.9741i	-0.8232+0.0197i	-0.0253-0.2727i	0.1737-1.0126i	1.0306-1.6296i
35.4	-0.6687+0.4193i	-0.0272-0.2154i	-0.0167+0.7899i	-0.6705+0.0365i	-0.0203-0.2233i	0.1451-0.8450i	0.8651-1.3518i
35.5	-0.5115+0.3960i	-0.0332-0.1808i	0.0485+0.5952i	-0.5274+0.0912i	-0.0284-0.1862i	0.0647-0.6784i	0.6380-1.0964i
35.6	-0.3988+0.3053i	-0.0336-0.1600i	0.0947+0.5037i	-0.4234+0.0547i	-0.0276-0.1590i	0.0144-0.5867i	0.4936-0.9418i
35.7	-0.3294+0.2337i	-0.0332-0.1275i	0.0603+0.4102i	-0.3412+0.0290i	-0.0292-0.1233i	0.0407-0.4935i	0.4680-0.7369i
35.8	-0.2543+0.1913i	-0.0108-0.0931i	-0.0057+0.2500i	-0.2338+0.0529i	-0.0110-0.0853i	0.0798-0.3580i	0.4561-0.4330i
35.9	-0.1857+0.1539i	0.0030-0.0790i	-0.0300+0.1683i	-0.1440+0.0421i	0.0029-0.0716i	0.0837-0.2850i	0.4032-0.2963i
36.0	-0.1252+0.1365i	0.0098-0.0679i	-0.0585+0.0960i	-0.0649+0.0518i	0.0071-0.0600i	0.0883-0.2277i	0.3777-0.1791i
36.1	-0.0768+0.0625i	0.0306-0.0535i	-0.0958+0.0576i	0.0104+0.0023i	0.0314-0.0386i	0.1103-0.1730i	0.4146-0.0554i
36.2	-0.0414+0.0033i	0.0543-0.0450i	-0.0996+0.0352i	0.0591-0.0450i	0.0550-0.0305i	0.1150-0.1338i	0.4061+0.0092i
36.3	-0.0146+0.0132i	0.0550-0.0500i	-0.1170+0.0001i	0.0901-0.0267i	0.0541-0.0355i	0.1238-0.1104i	0.4017+0.0390i
36.4	0.0170-0.0799i	0.0715-0.0431i	-0.1488-0.0285i	0.1557-0.0994i	0.0707-0.0232i	0.1419-0.0627i	0.4184+0.1368i
36.5	0.0259-0.1378i	0.0873-0.0505i	-0.1769-0.0326i	0.1856-0.1620i	0.0852-0.0257i	0.1689-0.0478i	0.4466+0.1828i
36.6	0.0675-0.2053i	0.1028-0.0603i	-0.1933-0.0327i	0.2393-0.2355i	0.0989-0.0317i	0.1810-0.0195i	0.4550+0.2467i
36.7	0.0945-0.2749i	0.1166-0.0626i	-0.2122-0.0593i	0.2871-0.3009i	0.1141-0.0319i	0.1908+0.0321i	0.4525+0.3308i
36.8	0.1338-0.3027i	0.1230-0.0584i	-0.2303-0.0683i	0.3403-0.3249i	0.1193-0.0238i	0.1865+0.0498i	0.4312+0.3666i
36.9	0.1378-0.3322i	0.1240-0.0598i	-0.2067-0.0708i	0.3420-0.3514i	0.1217-0.0220i	0.1651+0.0515i	0.4109+0.3751i
37.0	0.1319-0.3881i	0.1291-0.0594i	-0.2097-0.1015i	0.3532-0.3936i	0.1273-0.0177i	0.1700+0.0889i	0.4038+0.4364i
37.1	0.1500-0.4501i	0.1448-0.0604i	-0.2382-0.1295i	0.3934-0.4543i	0.1436-0.0177i	0.1839+0.1401i	0.4059+0.5220i

37.2	0.1586-0.5034i	0.1454-0.0813i	-0.2372-0.1296i	0.4054-0.5252i	0.1471-0.0354i	0.1904+0.1674i	0.4314+0.5622i
37.3	0.1553-0.5648i	0.1499-0.0974i	-0.2393-0.1469i	0.4166-0.5928i	0.1542-0.0482i	0.1926+0.2122i	0.4174+0.6220i
37.4	0.1472-0.6510i	0.1598-0.1058i	-0.2417-0.1585i	0.4205-0.6838i	0.1662-0.0530i	0.1973+0.2534i	0.4408+0.6817i
37.5	0.1409-0.6836i	0.1545-0.1125i	-0.2208-0.1754i	0.4215-0.7213i	0.1632-0.0556i	0.1754+0.2808i	0.4337+0.7005i
37.6	0.1339-0.7479i	0.1614-0.1239i	-0.2359-0.2057i	0.4311-0.7964i	0.1733-0.0636i	0.1992+0.3426i	0.4324+0.7673i
37.7	0.0800-0.7584i	0.1591-0.1267i	-0.2654-0.2308i	0.3840-0.8183i	0.1745-0.0654i	0.2481+0.3755i	0.4718+0.8343i
37.8	0.0795-0.8133i	0.1549-0.1198i	-0.2509-0.2418i	0.3827-0.8618i	0.1731-0.0554i	0.2412+0.4114i	0.4869+0.8786i
37.9	0.0137-0.8914i	0.1354-0.1348i	-0.2476-0.2809i	0.3032-0.9581i	0.1580-0.0685i	0.2738+0.4733i	0.4969+0.9499i
38.0	-0.0739-0.8813i	0.1181-0.1312i	-0.2396-0.3315i	0.2106-0.9443i	0.1472-0.0669i	0.3182+0.5021i	0.5360+0.9923i
38.1	-0.0941-0.8766i	0.1132-0.1248i	-0.2450-0.3722i	0.1869-0.9267i	0.1461-0.0650i	0.3360+0.5305i	0.5643+1.0294i
38.2	-0.1578-0.9546i	0.1148-0.1338i	-0.2866-0.4172i	0.1385-1.0237i	0.1520-0.0769i	0.3944+0.6002i	0.6335+1.0703i
38.3	-0.2404-0.9478i	0.1086-0.1383i	-0.3011-0.4488i	0.0590-1.0297i	0.1515-0.0851i	0.4466+0.6135i	0.7028+1.0696i
38.4	-0.2369-0.9940i	0.1085-0.1392i	-0.3470-0.4812i	0.0571-1.0773i	0.1499-0.0852i	0.4996+0.6637i	0.7440+1.1053i
38.5	-0.3213-1.0096i	0.1044-0.1227i	-0.3938-0.4981i	-0.0211-1.0755i	0.1480-0.0719i	0.5771+0.6828i	0.7963+1.0845i
38.6	-0.3650-1.0506i	0.0953-0.1195i	-0.4569-0.4846i	-0.0766-1.1128i	0.1400-0.0696i	0.6636+0.6752i	0.8693+1.0748i
38.7	-0.4244-1.0512i	0.0899-0.1254i	-0.4981-0.4904i	-0.1439-1.1247i	0.1328-0.0773i	0.7328+0.6768i	0.8867+1.0570i
38.8	-0.4874-1.0846i	0.0898-0.1321i	-0.5332-0.4841i	-0.2040-1.1723i	0.1352-0.0873i	0.7956+0.6827i	0.9202+1.0348i
38.9	-0.5756-1.0698i	0.0855-0.1149i	-0.5690-0.4769i	-0.2877-1.1404i	0.1310-0.0700i	0.8761+0.6460i	0.9590+0.9911i
39.0	-0.6281-1.0607i	0.0854-0.0989i	-0.5998-0.4548i	-0.3389-1.1121i	0.1323-0.0533i	0.9396+0.5979i	0.9966+0.9738i
39.1	-0.6012-1.0617i	0.0912-0.0954i	-0.6153-0.4615i	-0.3087-1.1087i	0.1350-0.0478i	0.9500+0.5886i	0.9751+0.9512i
39.2	-0.6756-1.0051i	0.1028-0.0819i	-0.6306-0.4615i	-0.3620-1.0439i	0.1465-0.0368i	0.9806+0.5334i	0.9660+0.8957i
39.3	-0.7427-0.9941i	0.1108-0.0753i	-0.6602-0.4413i	-0.4129-1.0317i	0.1578-0.0310i	1.0151+0.4880i	0.9887+0.8771i
39.4	-0.7887-0.9844i	0.1129-0.0877i	-0.6983-0.4244i	-0.4570-1.0464i	0.1602-0.0401i	1.0497+0.4593i	0.9919+0.8708i
39.5	-0.8407-0.9242i	0.1215-0.0928i	-0.7341-0.3901i	-0.5036-0.9945i	0.1691-0.0450i	1.0969+0.3899i	0.9990+0.8439i
39.6	-0.8492-0.9137i	0.1344-0.0909i	-0.7664-0.3464i	-0.5074-0.9748i	0.1835-0.0429i	1.1162+0.3394i	0.9744+0.8610i
39.7	-0.9136-0.9106i	0.1357-0.1016i	-0.7270-0.3142i	-0.5601-0.9750i	0.1870-0.0530i	1.0838+0.2949i	0.9831+0.8682i
39.8	-0.9465-0.8698i	0.1222-0.0944i	-0.7222-0.3566i	-0.6023-0.9326i	0.1752-0.0468i	1.0924+0.3047i	1.0063+0.8671i
39.9	-0.9464-0.8474i	0.1208-0.0800i	-0.7459-0.3733i	-0.6088-0.8956i	0.1720-0.0331i	1.1107+0.2976i	0.9906+0.8415i
40.0	-0.9374-0.7921i	0.1282-0.0847i	-0.7786-0.3677i	-0.5921-0.8539i	0.1773-0.0388i	1.1168+0.2782i	0.9525+0.8319i
40.1	-0.9295-0.7637i	0.1372-0.1010i	-0.8033-0.3597i	-0.5782-0.8514i	0.1852-0.0541i	1.1035+0.2793i	0.9265+0.8267i
40.2	-0.9997-0.7032i	0.1410-0.0975i	-0.7982-0.3454i	-0.6397-0.7976i	0.1941-0.0519i	1.0945+0.2388i	0.9325+0.7927i
40.3	-1.0152-0.6694i	0.1491-0.0899i	-0.8113-0.3287i	-0.6404-0.7562i	0.1998-0.0455i	1.0876+0.2050i	0.9205+0.7607i
40.4	-1.0154-0.6761i	0.1444-0.0961i	-0.8270-0.2677i	-0.6497-0.7619i	0.1965-0.0513i	1.1069+0.1551i	0.9192+0.7903i
40.5	-1.0420-0.6368i	0.1492-0.1223i	-0.7995-0.2288i	-0.6714-0.7492i	0.2049-0.0755i	1.0645+0.1318i	0.8952+0.7703i
40.6	-1.0120-0.6156i	0.1481-0.1111i	-0.7771-0.2774i	-0.6469-0.7141i	0.2042-0.0629i	1.0415+0.1622i	0.8574+0.7579i
40.7	-1.0230-0.5712i	0.1390-0.1033i	-0.7658-0.2666i	-0.6679-0.6655i	0.1963-0.0584i	1.0394+0.1384i	0.8473+0.7506i
40.8	-1.0263-0.5348i	0.1317-0.1152i	-0.7609-0.2869i	-0.6763-0.6449i	0.1892-0.0738i	1.0124+0.1489i	0.8272+0.7446i
40.9	-1.0178-0.5247i	0.1350-0.1085i	-0.7592-0.3360i	-0.6622-0.6223i	0.1932-0.0685i	1.0130+0.1942i	0.7972+0.7529i
41.0	-1.0538-0.5233i	0.1394-0.1025i	-0.7793-0.3434i	-0.6812-0.6118i	0.1986-0.0568i	1.0290+0.1968i	0.7813+0.7687i
41.1	-1.0784-0.5337i	0.1670-0.1100i	-0.8249-0.3741i	-0.6548-0.6207i	0.2250-0.0632i	1.0369+0.2101i	0.7525+0.7853i
41.2	-1.0355-0.5081i	0.1497-0.1051i	-0.8707-0.3954i	-0.6410-0.5923i	0.2084-0.0577i	1.0873+0.2315i	0.7342+0.8217i
41.3	-1.0154-0.5264i	0.1563-0.0667i	-0.8707-0.3055i	-0.6287-0.5648i	0.2173-0.0233i	1.0843+0.1228i	0.7813+0.8167i
41.4	-0.9694-0.5160i	0.1549-0.0483i	-0.8302-0.3201i	-0.5981-0.5206i	0.2158-0.0056i	1.0741+0.1431i	0.7599+0.7941i
41.5	-1.0078-0.4919i	0.1553-0.0673i	-0.8409-0.3528i	-0.6138-0.5192i	0.2153-0.0190i	1.0493+0.1739i	0.7199+0.7878i
41.6	-1.0129-0.4613i	0.1703-0.0683i	-0.9256-0.4087i	-0.5988-0.4926i	0.2329-0.0191i	1.1161+0.2355i	0.6641+0.8201i
41.7	-1.0599-0.4418i	0.1951-0.0953i	-0.9240-0.3979i	-0.5968-0.5068i	0.2581-0.0438i	1.0963+0.2344i	0.6414+0.8073i
41.8	-1.0430-0.4158i	0.1985-0.0936i	-0.9907-0.3697i	-0.5769-0.4975i	0.2640-0.0446i	1.1639+0.1751i	0.6305+0.8500i
41.9	-1.0658-0.3899i	0.2107-0.1051i	-0.9430-0.4263i	-0.5857-0.4930i	0.2790-0.0566i	1.0820+0.2486i	0.6258+0.8435i
42.0	-1.1003-0.4105i	0.2413-0.1128i	-0.9857-0.3810i	-0.5801-0.5111i	0.3086-0.0606i	1.0989+0.2266i	0.6169+0.8338i
42.1	-1.0859-0.4189i	0.2556-0.1209i	-1.0371-0.3702i	-0.5585-0.5090i	0.3226-0.0700i	1.1744+0.2135i	0.5757+0.8588i
42.2	-1.0307-0.3988i	0.2042-0.1382i	-1.1176-0.4419i	-0.5417-0.4941i	0.2735-0.0864i	1.2761+0.2619i	0.5514+0.9169i
42.3	-1.0453-0.4235i	0.1698-0.1268i	-1.1854-0.3701i	-0.5395-0.5208i	0.2395-0.0758i	1.3125+0.1772i	0.5984+0.9316i
42.4	-1.0700-0.4069i	0.1877-0.0938i	-1.1058-0.2924i	-0.5493-0.5425i	0.2563-0.0432i	1.2125+0.0982i	0.5836+0.9486i
42.5	-1.0705-0.4390i	0.2153-0.0614i	-1.1668-0.3359i	-0.5647-0.5461i	0.2834-0.0112i	1.2247+0.1340i	0.5998+0.9523i
42.6	-1.1102-0.4394i	0.2381-0.0684i	-1.1877-0.3447i	-0.5825-0.5446i	0.3084-0.0170i	1.2202+0.1673i	0.6117+0.9246i
42.7	-1.0940-0.4128i	0.2573-0.0658i	-1.2951-0.3403i	-0.5674-0.5016i	0.3330-0.0114i	1.3693+0.1967i	0.5641+0.9080i
42.8	-1.1293-0.3743i	0.2982-0.1008i	-1.3364-0.2928i	-0.5592-0.4936i	0.3826-0.0472i	1.4126+0.1635i	0.5150+0.8952i
42.9	-1.1488-0.3820i	0.3198-0.1680i	-1.2909-0.1956i	-0.5469-0.5381i	0.4022-0.1166i	1.3879+0.0140i	0.5313+0.9302i
43.0	-1.1366-0.3873i	0.2910-0.2069i	-1.3267-0.2347i	-0.5471-0.5607i	0.3771-0.1526i	1.4563-0.0034i	0.4935+0.9953i
43.1	-1.1510-0.3980i	0.2375-0.2264i	-1.3579-0.2267i	-0.5861-0.5879i	0.3261-0.1692i	1.4154-0.0820i	0.5351+1.0719i
43.2	-1.1677-0.4051i	0.1861-0.1589i	-1.4610-0.2112i	-0.6271-0.5466i	0.2775-0.1014i	1.4149-0.0534i	0.5990+1.0405i
43.3	-1.2185-0.3681i	0.2329-0.1240i	-1.5185-0.0915i	-0.6269-0.4974i	0.3289-0.0718i	1.4632-0.0924i	0.5385+0.9594i
43.4	-1.2625-0.3537i	0.2744-0.1289i	-1.4356-0.0898i	-0.6183-0.4925i	0.3746-0.0763i	1.3771-0.0702i	0.4700+0.9326i

43.5	−1.2598−0.3333i	0.2856−0.1412i	−1.4426−0.0357i	−0.5892−0.4975i	0.3887−0.0923i	1.3812−0.1282i	0.4345+0.9446i
43.6	−1.2715−0.2942i	0.2866−0.1753i	−1.4091−0.0358i	−0.6033−0.5250i	0.3891−0.1267i	1.3467−0.1469i	0.3906+1.0113i
43.7	−1.2948−0.3023i	0.2662−0.1846i	−1.3817−0.1072i	−0.6651−0.5276i	0.3730−0.1312i	1.2537−0.0773i	0.4279+1.0149i
43.8	−1.3228−0.2876i	0.2725−0.1600i	−1.5818−0.0446i	−0.6504−0.4794i	0.3936−0.1092i	1.4157−0.0816i	0.3879+0.9819i
43.9	−1.3224−0.2496i	0.3005−0.1697i	−1.5773+0.1591i	−0.6179−0.4829i	0.4204−0.1290i	1.4380−0.2397i	0.3483+1.0220i
44.0	−1.3262−0.2176i	0.3189−0.1840i	−1.5752+0.1906i	−0.5965−0.4789i	0.4379−0.1447i	1.4909−0.2385i	0.2967+1.0365i
44.1	−1.3448−0.1981i	0.3413−0.1955i	−1.6099+0.2650i	−0.5610−0.4934i	0.4662−0.1636i	1.5340−0.3407i	0.2099+1.0409i
44.2	−1.3862−0.1669i	0.3477−0.2379i	−1.4835+0.3791i	−0.5866−0.5532i	0.4714−0.2132i	1.3838−0.4833i	0.1553+1.1407i
44.3	−1.3453−0.1140i	0.2678−0.3042i	−1.1957+0.4497i	−0.6670−0.6437i	0.3899−0.2881i	1.1069−0.6064i	0.1744+1.3535i
44.4	−1.3069−0.1245i	0.2148−0.2482i	−1.1237+0.2349i	−0.7588−0.5984i	0.3319−0.2366i	0.9637−0.4070i	0.3086+1.3835i
44.5	−1.3118−0.1805i	0.2401−0.1433i	−1.2626+0.0170i	−0.7944−0.4923i	0.3520−0.1283i	1.0326−0.1322i	0.4012+1.2796i
44.6	−1.3365−0.1723i	0.3003−0.1194i	−1.3557−0.0348i	−0.7734−0.4514i	0.4132−0.1034i	1.1258−0.0399i	0.3608+1.2529i
44.7	−1.3857−0.1907i	0.3621−0.1600i	−1.4941−0.0618i	−0.7609−0.4072i	0.4796−0.1423i	1.2219−0.0101i	0.3563+1.2128i
44.8	−1.4542−0.1878i	0.3620−0.1761i	−1.6017−0.0110i	−0.7514−0.3827i	0.4854−0.1587i	1.2557−0.0457i	0.3322+1.1621i
44.9	−1.5166−0.1633i	0.4269−0.1803i	−1.7258+0.1237i	−0.6983−0.3854i	0.5539−0.1625i	1.3382−0.1204i	0.2261+1.1145i
45.0	−1.5819−0.1037i	0.4621−0.2883i	−1.7677+0.3338i	−0.6903−0.4410i	0.5986−0.2759i	1.3385−0.2648i	0.0959+1.2078i
45.1	−1.5816−0.0197i	0.3706−0.3799i	−1.6369+0.4292i	−0.7362−0.4588i	0.5048−0.3749i	1.2197−0.2605i	0.0856+1.3557i
45.2	−1.5705+0.0780i	0.2657−0.3685i	−1.6143+0.4887i	−0.7646−0.4420i	0.4005−0.3790i	1.2295−0.1912i	0.1116+1.4732i
45.3	−1.4959+0.1182i	0.2487−0.2980i	−1.4587+0.5442i	−0.7881−0.4405i	0.3641−0.3215i	1.1921−0.1672i	0.1672+1.5411i
45.4	−1.4676+0.0351i	0.3073−0.2167i	−1.6230+0.3136i	−0.7471−0.3857i	0.4129−0.2233i	1.4454−0.0348i	0.2061+1.4378i
45.5	−1.5288+0.0967i	0.3714−0.2328i	−1.7158+0.5313i	−0.7142−0.3904i	0.4895−0.2436i	1.4864−0.1729i	0.0968+1.4699i
45.6	−1.5088+0.0897i	0.4222−0.2120i	−1.6073+0.4570i	−0.7141−0.3470i	0.5302−0.2195i	1.4703−0.0887i	0.1443+1.4566i
45.7	−1.5849+0.0837i	0.4952−0.2764i	−1.7863+0.5476i	−0.6684−0.3792i	0.6100−0.2776i	1.6460−0.2676i	0.0505+1.4062i
45.8	−1.6123+0.2032i	0.4653−0.4414i	−1.6922+0.8700i	−0.7056−0.4726i	0.5853−0.4543i	1.5072−0.5511i	−0.0447+1.5767i
45.9	−1.5792+0.3349i	0.3344−0.5636i	−1.4029+0.9732i	−0.7981−0.4879i	0.4470−0.5847i	1.2487−0.5449i	0.0260+1.8125i
46.0	−1.5156+0.3343i	0.2004−0.4647i	−1.3034+0.8828i	−0.8002−0.4599i	0.3117−0.4894i	1.2738−0.4773i	0.1286+1.8123i
46.1	−1.4751+0.3592i	0.1871−0.3489i	−1.1404+0.8325i	−0.8621−0.4723i	0.2908−0.3859i	1.1146−0.4894i	0.1795+1.8445i
46.2	−1.4493+0.2798i	0.3693−0.2294i	−1.3030+0.4867i	−0.8956−0.3560i	0.4542−0.2520i	1.2254−0.1748i	0.3006+1.7431i
46.3	−1.5721+0.3295i	0.5737−0.4398i	−1.6561+0.8514i	−0.7748−0.3935i	0.6798−0.4541i	1.5781−0.4778i	0.0827+1.7311i
46.4	−1.5084+0.4800i	0.4151−0.6944i	−1.2507+1.2475i	−0.8768−0.5221i	0.5182−0.7343i	1.2013−0.8752i	0.0804+2.0461i
46.5	−1.3614+0.4643i	0.1487−0.6710i	−0.8100+0.9622i	−1.0448−0.4370i	0.2254−0.7051i	0.7919−0.5878i	0.4162+2.1429i
46.6	−1.3334+0.3847i	0.0593−0.5091i	−0.8176+0.5782i	−1.0352−0.2881i	0.1266−0.5250i	0.8409−0.2138i	0.5688+1.9306i
46.7	−1.3686+0.3229i	0.0948−0.3351i	−1.0489+0.3619i	−0.9827−0.1903i	0.1643−0.3439i	1.0407−0.0353i	0.5539+1.7293i
46.8	−1.4433+0.3052i	0.2172−0.2995i	−1.3126+0.4179i	−0.9074−0.1926i	0.2985−0.2961i	1.3049−0.0941i	0.4249+1.6357i
46.9	−1.4996+0.3766i	0.2939−0.3920i	−1.3621+0.6531i	−0.8798−0.2551i	0.3868−0.3933i	1.3772−0.3370i	0.3025+1.6887i
47.0	−1.4433+0.4117i	0.1786−0.4405i	−1.1023+0.5731i	−0.9869−0.2337i	0.2618−0.4450i	1.0792−0.3078i	0.3883+1.7911i
47.1	−1.4232+0.3198i	0.0836−0.3025i	−1.2364+0.2128i	−1.0030−0.1050i	0.1620−0.2897i	1.1212+0.0156i	0.5257+1.6931i
47.2	−1.5113+0.2782i	0.1792−0.1802i	−1.6133+0.2423i	−0.9088−0.0628i	0.2761−0.1529i	1.4286+0.0255i	0.4449+1.5317i
47.3	−1.5844+0.3610i	0.2985−0.2209i	−1.7914+0.5178i	−0.8461−0.0926i	0.4088−0.2053i	1.5879−0.1493i	0.2524+1.5457i
47.4	−1.6082+0.4850i	0.3660−0.3051i	−1.7877+0.8790i	−0.8183−0.1326i	0.4885−0.3029i	1.6143−0.3704i	0.1383+1.6235i
47.5	−1.5981+0.5819i	0.4112−0.4113i	−1.6986+1.2400i	−0.8043−0.1907i	0.5365−0.4203i	1.5844−0.6478i	0.0917+1.7531i
47.6	−1.5079+0.6804i	0.3369−0.5371i	−1.1976+1.5237i	−0.8651−0.2496i	0.4472−0.5652i	1.2270−0.8642i	0.1140+1.8940i
47.7	−1.3683+0.6957i	0.1816−0.5481i	−0.6438+1.2770i	−0.9696−0.2059i	0.2684−0.5787i	0.8311−0.6658i	0.2340+1.9499i
47.8	−1.2524+0.5684i	0.0864−0.4327i	−0.5704+0.6698i	−0.9782−0.1085i	0.1564−0.4444i	0.8556−0.2275i	0.3416+1.8814i
47.9	−1.3420+0.4392i	0.1461−0.3175i	−0.9348+0.4253i	−0.9089−0.0570i	0.2329−0.3092i	1.1887−0.1341i	0.2847+1.7295i
48.0	−1.3909+0.5046i	0.1326−0.3542i	−0.8431+0.4899i	−0.9516−0.0662i	0.2222−0.3554i	1.0139−0.2199i	0.2244+1.7753i
48.1	−1.4124+0.4471i	0.1530−0.2433i	−1.1163+0.1830i	−0.9084+0.0156i	0.2452−0.2291i	1.2046+0.0777i	0.2215+1.7276i
48.2	−1.4849+0.5043i	0.2337−0.2825i	−1.3618+0.4702i	−0.8476−0.0607i	0.3405−0.2751i	1.4142−0.1689i	0.0898+1.7901i
48.3	−1.4708+0.5197i	0.2386−0.2625i	−1.3381+0.5393i	−0.8865−0.0804i	0.3452−0.2595i	1.3586−0.2226i	0.1074+1.8416i
48.4	−1.4751+0.4791i	0.2862−0.2235i	−1.3078+0.5170i	−0.9304−0.0660i	0.3911−0.2216i	1.3054−0.2215i	0.1241+1.8298i
48.5	−1.5378+0.4901i	0.3601−0.2655i	−1.3669+0.5569i	−0.9119−0.0386i	0.4663−0.2616i	1.3423−0.2559i	0.0540+1.8104i
48.6	−1.5476+0.5796i	0.3129−0.3414i	−1.2198+0.6872i	−0.9272−0.0364i	0.4167−0.3439i	1.1743−0.3252i	−0.0185+1.8893i
48.7	−1.5093+0.6469i	0.3003−0.3792i	−1.0460+0.7414i	−0.9702−0.0538i	0.4037−0.3872i	1.0274−0.2745i	−0.0323+2.0058i
48.8	−1.4223+0.6167i	0.2180−0.3890i	−0.7878+0.5102i	−1.0349+0.0145i	0.3146−0.3903i	0.8872+0.0113i	0.0765+2.1210i
48.9	−1.4333+0.4861i	0.1808−0.2781i	−0.8935+0.0987i	−1.0132+0.0865i	0.2757−0.2669i	1.0301+0.2776i	0.1501+2.0739i
49.0	−1.5409+0.3869i	0.2481−0.1655i	−1.2337−0.1688i	−0.9820+0.1568i	0.3504−0.1389i	1.2941+0.4455i	0.1336+1.9133i
49.1	−1.6829+0.3855i	0.3437−0.1248i	−1.6296−0.1539i	−0.9475+0.1876i	0.4586−0.0958i	1.5926+0.4295i	0.0887+1.8601i
49.2	−1.8323+0.4368i	0.4904−0.1266i	−2.0233+0.0690i	−0.8572+0.1904i	0.6274−0.1060i	1.9175+0.2574i	−0.0368+1.7479i
49.3	−1.9632+0.5752i	0.6043−0.2302i	−2.1803+0.4885i	−0.8215+0.1486i	0.7606−0.2231i	2.0185−0.0912i	−0.2191+1.7678i
49.4	−1.8811+0.7307i	0.4882−0.3979i	−1.6822+0.7550i	−0.9271+0.0737i	0.6305−0.4099i	1.5734−0.2985i	−0.3102+2.0391i
49.5	−1.8167+0.6950i	0.3801−0.3043i	−1.5559+0.3929i	−0.9534+0.1367i	0.5101−0.3134i	1.5232+0.0582i	−0.2200+2.1082i
49.6	−1.8919+0.6633i	0.4989−0.2253i	−1.8299+0.3199i	−0.8964+0.1496i	0.6282−0.2285i	1.7963+0.0855i	−0.2486+2.0529i
49.7	−2.0243+0.7417i	0.6255−0.3073i	−2.0077+0.5483i	−0.9026+0.1240i	0.7661−0.3081i	1.9213−0.1422i	−0.3536+2.0868i

49.8	-2.0343+0.9170i	0.6051-0.4783i	-1.6330+0.7485i	-0.9977+0.0853i	0.7475-0.4985i	1.5829-0.2875i	-0.4750+2.3598i
49.9	-1.9568+0.8587i	0.4692-0.4217i	-1.5088+0.2312i	-1.0915+0.1990i	0.5866-0.4321i	1.4184+0.1284i	-0.3036+2.4427i
50.0	-2.0678+0.8244i	0.5415-0.2924i	-2.0170+0.1141i	-1.0084+0.3064i	0.6728-0.2894i	1.7851+0.2585i	-0.3014+2.2595i
50.1	-2.1754+1.0165i	0.6662-0.4294i	-2.1693+0.5290i	-0.9651+0.2738i	0.8137-0.4384i	1.8810-0.0120i	-0.5210+2.3948i
50.2	-2.0981+1.1928i	0.5651-0.5673i	-1.8925+0.6604i	-1.0353+0.2494i	0.7048-0.5991i	1.6859-0.0631i	-0.4969+2.6664i
50.3	-1.9572+1.1416i	0.4447-0.4630i	-1.7689+0.2911i	-1.0832+0.3648i	0.5597-0.4818i	1.6456+0.2923i	-0.2597+2.6583i
50.4	-2.0559+0.9987i	0.5283-0.2964i	-2.2517-0.0721i	-0.9828+0.4904i	0.6474-0.2842i	2.1016+0.5780i	-0.2206+2.4875i
50.5	-2.2595+1.0737i	0.6808-0.3210i	-2.7115+0.2303i	-0.8976+0.4110i	0.8249-0.3111i	2.5091+0.2311i	-0.4604+2.4836i
50.6	-2.2159+1.2206i	0.6517-0.3407i	-2.5292+0.3946i	-1.0465+0.4144i	0.7905-0.3395i	2.2311+0.0094i	-0.3702+2.6384i
50.7	-2.3089+1.2627i	0.7968-0.2918i	-2.8868+0.2693i	-1.0385+0.5913i	0.9521-0.2766i	2.4336+0.2395i	-0.2956+2.6003i
50.8	-2.3819+1.3253i	0.9688-0.3971i	-3.1756+0.5890i	-0.9002+0.6015i	1.1422-0.3893i	2.7700+0.0342i	-0.4761+2.4372i
50.9	-2.4515+1.4987i	0.9965-0.5884i	-3.1548+0.8496i	-0.9001+0.6164i	1.1739-0.5970i	2.6717-0.2030i	-0.6386+2.5826i
51.0	-2.4836+1.5629i	0.9442-0.5858i	-3.3869+0.6897i	-0.8923+0.7434i	1.1241-0.5842i	2.7381+0.0449i	-0.5523+2.6453i
51.1	-2.6497+1.7841i	1.1219-0.6851i	-3.9788+1.2913i	-0.7404+0.7741i	1.3323-0.6985i	3.2628-0.3047i	-0.7350+2.6880i
51.2	-2.5697+2.0879i	1.0423-0.9524i	-3.4927+2.0054i	-0.7511+0.6678i	1.2466-0.9992i	2.9634-0.8735i	-0.8520+3.0304i
51.3	-2.3760+2.2098i	0.8708-1.0292i	-2.9315+1.9800i	-0.7913+0.6749i	1.0558-1.0855i	2.5263-0.8366i	-0.7477+3.1295i
51.4	-2.2440+2.1125i	0.6930-0.9006i	-2.7703+1.2437i	-0.8436+0.8529i	0.8519-0.9335i	2.3429-0.2383i	-0.5127+3.1782i
51.5	-2.4889+2.0505i	0.9052-0.7018i	-3.8577+1.0872i	-0.5846+0.9769i	1.1088-0.7052i	3.2327-0.0157i	-0.6879+2.8520i
51.6	-2.6347+2.4192i	1.1038-0.8936i	-4.2445+2.0485i	-0.4256+0.8279i	1.3462-0.9382i	3.6087-0.7766i	-1.1043+3.0007i
51.7	-2.4853+2.6957i	1.0927-0.9869i	-4.0152+2.3706i	-0.5052+0.8342i	1.3304-1.0575i	3.3829-0.9395i	-1.0976+3.3544i
51.8	-2.4248+2.6892i	1.1541-0.9905i	-4.1036+2.3456i	-0.4540+0.9031i	1.3774-1.0630i	3.5481-0.8370i	-1.0758+3.3355i
51.9	-2.4931+2.9479i	1.2981-1.2748i	-4.3781+3.2809i	-0.2742+0.8227i	1.5432-1.3658i	3.8826-1.6160i	-1.2527+3.4482i
52.0	-2.4252+3.3887i	1.2128-1.6536i	-3.7967+4.2701i	-0.2865+0.6611i	1.4631-1.7935i	3.4464-2.3929i	-1.3905+3.8702i
52.1	-2.0688+3.6045i	0.9147-1.7745i	-3.0340+4.1334i	-0.4013+0.6690i	1.1255-1.9294i	2.8414-2.2402i	-1.3552+4.2682i
52.2	-1.6653+3.7788i	0.6351-1.8642i	-2.3802+4.0453i	-0.4689+0.6596i	0.8084-2.0412i	2.3349-2.1170i	-1.0757+4.7188i
52.3	-1.4286+3.4727i	0.5019-1.5916i	-2.5897+3.1177i	-0.4830+0.8625i	0.6563-1.7180i	2.6175-1.3249i	-0.6509+4.5729i
52.4	-1.5988+3.4370i	0.6610-1.5497i	-3.4492+3.6101i	-0.3454+0.9072i	0.8504-1.6636i	3.3850-1.8065i	-0.9109+4.4503i
52.5	-1.5256+3.7072i	0.6072-1.7819i	-2.7352+4.5985i	-0.3946+0.8128i	0.7836-1.9329i	2.6751-2.6214i	-1.0292+4.9882i
52.6	-1.2477+3.7142i	0.3908-1.7979i	-2.0297+4.1969i	-0.3994+0.9181i	0.5374-1.9381i	2.0328-2.1374i	-0.6007+5.2763i
52.7	-1.3282+3.5835i	0.4611-1.5693i	-2.8529+3.7742i	-0.1050+1.0600i	0.6470-1.6804i	2.8707-1.6236i	-0.2992+4.8919i
52.8	-1.2622+4.0871i	0.5550-1.8435i	-2.8300+5.0908i	0.0647+0.8647i	0.7648-2.0171i	3.0721-2.6711i	-0.5062+5.1885i
52.9	-0.7610+4.3237i	0.2532-2.0297i	-1.6667+5.4555i	-0.0627+0.7621i	0.4218-2.2395i	2.2107-3.0158i	-0.1089+5.6189i
53.0	-0.3856+4.3674i	0.0216-2.0652i	-1.0332+5.1245i	-0.1356+0.7484i	0.1537-2.2857i	1.7796-2.7897i	0.2176+5.7116i
53.1	-0.0323+4.2570i	-0.2258-2.0015i	-0.6998+4.7619i	-0.2661+0.7462i	-0.1341-2.2166i	1.5022-2.5471i	0.4822+5.8762i
53.2	0.2983+3.9174i	-0.4325-1.6717i	-0.4455+4.0459i	-0.3792+0.9451i	-0.3724-1.8394i	1.2804-1.9616i	0.9045+5.9076i
53.3	0.1946+3.5823i	-0.1481-1.3890i	-1.1863+3.7388i	-0.1276+1.2297i	-0.0545-1.5172i	1.9381-1.6331i	1.1755+5.4729i
53.4	0.0434+3.7141i	0.1176-1.6448i	-1.3135+4.6711i	0.3088+1.1304i	0.2520-1.8103i	2.2040-2.3821i	1.1653+5.2171i
53.5	0.3592+3.6328i	-0.1846-1.7085i	-0.5243+4.0519i	0.2477+0.9476i	-0.0938-1.8846i	1.5985-1.9861i	1.2883+5.1114i
53.6	0.4064+3.2486i	-0.3396-1.3557i	-1.0378+3.1122i	0.2233+1.0593i	-0.2577-1.4784i	1.9624-1.2189i	1.3600+4.7000i
53.7	0.1954+3.2424i	0.0142-1.2021i	-1.9590+3.6356i	0.4522+1.1220i	0.1519-1.3250i	2.7506-1.5287i	0.9735+4.4374i
53.8	0.0934+3.4642i	0.2725-1.4604i	-2.2923+4.6960i	0.7727+0.9805i	0.4434-1.6305i	3.2004-2.3366i	0.5383+4.6437i
53.9	0.3481+3.6804i	0.1192-1.7710i	-1.4253+5.5015i	0.7753+0.6624i	0.2492-1.9913i	2.6579-3.0882i	0.5071+5.1993i
54.0	0.5054+3.6611i	0.0268-1.8518i	-0.8352+5.5603i	0.7438+0.5229i	0.1290-2.0779i	2.2235-3.2039i	0.6661+5.4959i
54.1	0.7133+3.5097i	-0.0939-1.7599i	-0.5299+5.0800i	0.7013+0.5141i	-0.0178-1.9747i	2.0549-2.8521i	1.1074+5.4738i
54.2	0.5610+3.5483i	0.1477-1.9869i	-1.3750+5.7239i	1.0026+0.3060i	0.2523-2.2047i	2.9473-3.6502i	0.8353+5.3750i
54.3	0.8681+3.7252i	-0.2080-2.2083i	-0.3483+6.4580i	0.8091+0.0679i	-0.1295-2.4602i	1.9988-4.3917i	1.1132+5.9210i
54.4	1.2112+3.6195i	-0.5489-2.1258i	0.6568+6.2216i	0.5872+0.0327i	-0.5207-2.3785i	1.0679-4.2255i	1.6355+6.0688i
54.5	1.4981+3.4281i	-0.8377-1.9576i	1.4225+5.7468i	0.3748+0.0980i	-0.8504-2.1950i	0.3945-3.7918i	2.2013+6.0520i
54.6	1.4871+2.9105i	-0.7708-1.4665i	1.2486+4.5710i	0.4116+0.4268i	-0.7949-1.6374i	0.5551-2.7248i	2.5714+5.3327i
54.7	1.0973+2.6660i	-0.3189-1.3075i	0.2362+4.2920i	0.7640+0.5448i	-0.2964-1.4371i	1.4550-2.4930i	2.2444+4.7914i
54.8	0.9944+2.9748i	-0.2051-1.7429i	0.2490+5.3448i	0.9862+0.1294i	-0.1477-1.9252i	1.4680-3.4719i	1.9157+4.9669i
54.9	1.3492+3.1418i	-0.6262-1.9970i	1.5031+5.6771i	0.7113-0.2052i	-0.6312-2.2234i	0.4419-3.8200i	2.1699+5.2570i
55.0	1.4801+2.9737i	-0.7907-1.8655i	1.8892+5.2015i	0.5638-0.1894i	-0.8221-2.0760i	0.1051-3.4499i	2.3399+5.0940i
55.1	1.4522+2.8394i	-0.8053-1.7486i	2.0005+4.8179i	0.5260-0.2001i	-0.8405-1.9449i	0.0574-3.2030i	2.3560+4.9637i
55.2	1.5452+2.7918i	-0.8791-1.7125i	2.2154+4.6305i	0.4901-0.2331i	-0.9385-1.8928i	-0.1611-3.0703i	2.3738+4.9218i
55.3	1.6552+2.5572i	-0.9843-1.5356i	2.3215+4.0183i	0.4039-0.1479i	-1.0596-1.6805i	-0.3008-2.5591i	2.5544+4.6068i
55.4	1.4967+2.4803i	-0.8581-1.4299i	1.6626+3.7504i	0.5442-0.0701i	-0.9148-1.5540i	0.2548-2.3268i	2.3912+4.4769i
55.5	1.3346+2.5710i	-0.7126-1.5248i	1.3673+4.3562i	0.6442-0.2437i	-0.7422-1.6576i	0.5287-2.7964i	1.9955+4.5415i
55.6	1.6033+2.5833i	-0.9306-1.5851i	2.1905+4.5179i	0.4522-0.3909i	-0.9920-1.7184i	-0.1568-2.9324i	2.2296+4.6617i
55.7	1.7385+2.4216i	-1.0400-1.4726i	2.5638+4.0095i	0.3684-0.3287i	-1.1192-1.5782i	-0.4196-2.5650i	2.4350+4.5658i
55.8	1.7574+2.3216i	-1.0670-1.3650i	2.6250+3.6345i	0.3480-0.2336i	-1.1468-1.4440i	-0.4514-2.2223i	2.5640+4.5641i
55.9	1.6918+2.1684i	-1.0314-1.2287i	2.3678+3.2502i	0.3809-0.1469i	-1.1037-1.2789i	-0.2812-1.8847i	2.5453+4.4388i
56.0	1.3874+2.1303i	-0.7637-1.2017i	1.5528+3.3892i	0.6223-0.2222i	-0.7902-1.2365i	0.4231-2.0097i	2.2632+4.2350i

56.1	1.4827+2.4736i	-0.7729-1.5314i	1.9417+4.3074i	0.5893-0.5751i	-0.7824-1.6072i	0.1453-2.8075i	2.1570+4.5448i
56.2	1.7398+2.3742i	-1.0135-1.4975i	2.6554+3.9825i	0.3506-0.6009i	-1.0473-1.5732i	-0.4715-2.6226i	2.4054+4.5364i
56.3	1.6709+2.2189i	-1.0083-1.3397i	2.6122+3.5106i	0.2879-0.4724i	-1.0456-1.3928i	-0.4711-2.1697i	2.2950+4.5164i
56.4	1.6570+2.1322i	-0.9996-1.2618i	2.5850+3.3033i	0.2821-0.4211i	-1.0293-1.2984i	-0.4684-1.9395i	2.2985+4.4495i
56.5	1.6837+2.0858i	-1.0108-1.2337i	2.5711+3.2102i	0.2721-0.4115i	-1.0327-1.2614i	-0.4534-1.8113i	2.3089+4.4532i
56.6	1.6566+2.0374i	-0.9855-1.1716i	2.5294+3.0535i	0.2864-0.3974i	-0.9991-1.1891i	-0.3982-1.6470i	2.2778+4.4124i
56.7	1.6372+2.0054i	-0.9701-1.1428i	2.5026+2.9406i	0.2700-0.4028i	-0.9810-1.1527i	-0.3714-1.5344i	2.3012+4.4300i
56.8	1.6585+1.9766i	-0.9708-1.1442i	2.5069+2.8260i	0.2659-0.4442i	-0.9681-1.1507i	-0.3406-1.4385i	2.3762+4.4538i
56.9	1.5983+1.9524i	-0.9072-1.1129i	2.3852+2.6182i	0.2958-0.4268i	-0.8881-1.1150i	-0.2081-1.2683i	2.3384+4.3974i
57.0	1.5447+1.8857i	-0.8415-1.0513i	2.1517+2.4502i	0.3468-0.4076i	-0.8158-1.0498i	-0.0281-1.1399i	2.2639+4.3074i
57.1	1.3147+1.8920i	-0.5955-1.0487i	1.4022+2.6286i	0.5677-0.4713i	-0.5231-1.0349i	0.6106-1.2441i	2.0278+4.2015i
57.2	1.3731+2.1668i	-0.6081-1.3017i	1.5942+3.3171i	0.5471-0.6947i	-0.5135-1.3268i	0.5393-1.7587i	1.9986+4.4079i
57.3	1.6656+2.3611i	-0.8410-1.5193i	2.3925+3.6930i	0.3164-0.8567i	-0.7764-1.5904i	-0.0149-2.0081i	2.1019+4.7636i
57.4	1.7785+2.2742i	-0.9420-1.4960i	2.5727+3.4015i	0.2068-0.8350i	-0.8882-1.5679i	-0.1338-1.8030i	2.1991+4.7648i
57.5	1.7982+2.1279i	-0.9785-1.4006i	2.6502+3.0343i	0.1348-0.7923i	-0.9262-1.4659i	-0.1384-1.5783i	2.2391+4.5972i
57.6	1.8760+2.0687i	-1.0499-1.3689i	2.7539+2.9360i	0.0900-0.7843i	-1.0010-1.4216i	-0.1555-1.4722i	2.3346+4.6393i
57.7	1.9335+2.0542i	-1.0765-1.3746i	2.7635+2.8768i	0.0733-0.7674i	-1.0270-1.4224i	-0.1158-1.3664i	2.3626+4.6999i
57.8	1.9790+1.9827i	-1.1149-1.3399i	2.7986+2.7461i	0.0580-0.7388i	-1.0652-1.3848i	-0.0611-1.2680i	2.4324+4.6112i
57.9	1.9870+1.9216i	-1.1352-1.2876i	2.7783+2.6667i	0.0538-0.7149i	-1.0854-1.3318i	-0.0135-1.2460i	2.3916+4.5687i
58.0	1.9629+1.8314i	-1.1179-1.2368i	2.7880+2.5191i	0.0318-0.6987i	-1.0679-1.2757i	-0.0053-1.1525i	2.3979+4.4706i
58.1	1.9682+1.7561i	-1.1279-1.2002i	2.7310+2.3694i	0.0205-0.6961i	-1.0702-1.2444i	0.0779-1.0587i	2.3522+4.3799i
58.2	1.9536+1.7096i	-1.1359-1.1662i	2.6259+2.3398i	0.0343-0.6776i	-1.0739-1.2030i	0.1765-1.0251i	2.2661+4.3900i
58.3	1.9882+1.6080i	-1.1476-1.0539i	2.6890+2.2961i	0.0576-0.6594i	-1.0757-1.0720i	0.2221-0.9915i	2.4039+4.4118i
58.4	1.8977+1.5723i	-1.0487-0.9995i	2.5210+2.2809i	0.1456-0.6114i	-0.9608-1.0091i	0.4244-0.9406i	2.3638+4.3515i
58.5	1.7984+1.6943i	-0.9423-1.1650i	2.4325+2.5454i	0.2063-0.7770i	-0.8372-1.2080i	0.5601-1.2525i	2.2108+4.3604i
58.6	1.8859+1.7453i	-1.0468-1.2637i	2.7162+2.5430i	0.0999-0.8906i	-0.9543-1.3293i	0.3269-1.3416i	2.2031+4.4289i
58.7	1.9298+1.6866i	-1.1106-1.2214i	2.8766+2.3503i	0.0720-0.8735i	-1.0217-1.2830i	0.2339-1.2010i	2.2007+4.4037i
58.8	1.8900+1.6865i	-1.0687-1.2169i	2.8402+2.2376i	0.1123-0.8881i	-0.9679-1.2817i	0.3118-1.1244i	2.0921+4.4240i
58.9	1.8341+1.6690i	-1.0421-1.1935i	2.7163+2.1611i	0.0710-0.8447i	-0.9541-1.2640i	0.3357-1.0149i	1.9578+4.3207i
59.0	1.8802+1.6817i	-1.0871-1.2573i	2.7148+2.0670i	0.0581-0.9373i	-0.9967-1.3463i	0.3634-1.0412i	1.9936+4.3352i
59.1	1.8999+1.7126i	-1.1082-1.2641i	2.7056+2.0746i	0.0499-0.9695i	-1.0128-1.3542i	0.4216-1.0322i	1.9052+4.4132i
59.2	1.9195+1.7492i	-1.1145-1.2762i	2.6994+2.0944i	0.0500-0.9981i	-1.0221-1.3644i	0.4387-1.0270i	1.8286+4.4749i
59.3	1.9260+1.7644i	-1.1689-1.2739i	2.6542+2.1242i	0.0023-1.0172i	-1.0888-1.3646i	0.4331-0.9993i	1.7149+4.5498i
59.4	1.9531+1.7460i	-1.1715-1.2741i	2.6405+2.0573i	-0.0074-1.0545i	-1.0870-1.3690i	0.5108-1.0118i	1.6429+4.5571i
59.5	2.0139+1.8064i	-1.2041-1.3231i	2.6771+2.1081i	-0.0328-1.1239i	-1.1225-1.4264i	0.5452-1.0293i	1.5780+4.6856i
59.6	2.0574+1.8469i	-1.2472-1.3362i	2.6871+2.1716i	-0.0527-1.1660i	-1.1699-1.4464i	0.5508-1.0296i	1.4650+4.8268i
59.7	2.1155+1.8967i	-1.2852-1.3978i	2.7027+2.1495i	-0.1586-1.2697i	-1.2124-1.5170i	0.5569-1.0606i	1.4492+4.9559i
59.8	2.1883+1.8603i	-1.3284-1.3644i	2.7649+2.1018i	0.0511-1.1410i	-1.2561-1.4860i	0.5832-1.0350i	1.4490+4.9860i
59.9	2.2250+1.8760i	-1.3611-1.3777i	2.7925+2.1347i	5.3661-3.9450i	-1.2905-1.5028i	0.5972-1.0427i	1.0130+4.9548i
60.0	2.2597+1.9060i	-1.3882-1.4144i	2.7600+2.1531i	11.7899-5.1077i	-1.3290-1.5479i	0.6054-1.0375i	0.5607+4.8116i
60.1	2.4076+1.9430i	-1.4970-1.4620i	2.8514+2.1618i	9.1245-4.4864i	-1.4426-1.5974i	0.6862-1.0552i	0.7554+5.1844i
60.2	2.5178+2.0122i	-1.5604-1.5090i	2.9150+2.1941i	-0.2692-1.5771i	-1.5049-1.6495i	0.7222-1.0558i	1.2703+5.7264i
60.3	2.5659+1.9829i	-1.5834-1.4725i	2.9199+2.1961i	-0.4221-1.5666i	-1.5380-1.6168i	0.7265-1.0544i	1.2100+5.8571i
60.4	2.6501+1.9407i	-1.6825-1.4585i	2.9182+2.1925i	-0.4735-1.6230i	-1.6522-1.6005i	0.7492-1.0519i	1.1892+5.9634i
60.5	2.7868+2.0208i	-1.7614-1.5152i	2.9853+2.2647i	-0.5608-1.7315i	-1.7292-1.6677i	0.8197-1.1000i	1.1977+6.2691i
60.6	2.8469+2.0208i	-1.7895-1.4874i	2.9901+2.3097i	-0.6407-1.7463i	-1.7675-1.6299i	0.8452-1.0521i	1.1360+6.4285i
60.7	2.9671+1.8313i	-1.8855-1.2848i	3.1417+2.2440i	-0.7703-1.6451i	-1.8656-1.3969i	0.8624-0.9937i	1.3258+6.4942i
60.8	3.0708+1.8007i	-1.9229-1.2692i	3.2195+2.2470i	-0.8743-1.6567i	-1.9058-1.3754i	0.8582-1.0064i	1.2791+6.6684i
60.9	3.1184+1.8171i	-1.8905-1.3109i	3.2591+2.3105i	-0.9526-1.6783i	-1.8694-1.4267i	0.8945-0.9681i	1.2112+6.9514i
61.0	3.1552+1.7506i	-1.9385-1.2824i	3.2559+2.3067i	-1.0558-1.6392i	-1.9281-1.3955i	0.8890-0.9342i	1.2246+7.0919i
61.1	3.2560+1.7462i	-2.0038-1.3169i	3.3302+2.3292i	-1.1357-1.6668i	-1.9984-1.4315i	0.9519-0.9601i	1.2790+7.3985i
61.2	3.3353+1.6592i	-2.0576-1.2887i	3.4042+2.2515i	-1.2249-1.6730i	-2.0556-1.4067i	0.9880-0.9939i	1.3741+7.5347i
61.3	3.5636+1.5840i	-2.1961-1.2540i	3.6518+2.2616i	-1.3901-1.6855i	-2.2086-1.3750i	1.0351-1.0267i	1.6979+7.9004i
61.4	3.5765+1.5823i	-2.2045-1.2375i	3.6435+2.3072i	-1.4097-1.6405i	-2.2226-1.3505i	1.0697-0.9442i	1.6127+7.9880i
61.5	3.6697+1.5727i	-2.2939-1.2326i	3.6871+2.3604i	-1.5686-1.6696i	-2.3228-1.3431i	1.0808-0.9232i	1.5381+8.2995i
61.6	3.8253+1.4412i	-2.3817-1.1535i	3.8618+2.2990i	-1.7000-1.6197i	-2.4165-1.2611i	1.1575-0.9668i	1.8230+8.5762i
61.7	3.8542+1.2866i	-2.3940-1.0637i	3.9285+2.1620i	-1.7425-1.5258i	-2.4399-1.1673i	1.1895-0.9645i	2.0363+8.5988i
61.8	3.9049+1.1833i	-2.4068-1.0192i	3.9902+2.0800i	-1.8245-1.4651i	-2.4562-1.1087i	1.2331-0.9520i	2.1638+8.7206i
61.9	4.0925+1.0158i	-2.5503-0.9233i	4.1559+2.0388i	-2.0194-1.4079i	-2.6116-1.0048i	1.2767-1.0227i	2.5892+9.0588i
62.0	4.2700+0.8095i	-2.6636-0.8039i	4.3791+1.8940i	-2.2044-1.3020i	-2.7352-0.8770i	1.3464-1.0840i	3.1236+9.2879i
62.1	4.3591+0.8297i	-2.7090-0.8005i	4.4793+1.9579i	-2.2706-1.2911i	-2.7825-0.8675i	1.4531-1.0460i	3.0728+9.6149i
62.2	4.3490+0.7118i	-2.7107-0.7260i	4.4999+1.8789i	-2.2902-1.1714i	-2.7847-0.7777i	1.5270-1.0384i	3.2278+9.6986i
62.3	4.4284+0.5754i	-2.7582-0.6470i	4.5686+1.8892i	-2.3670-1.0768i	-2.8351-0.6882i	1.5925-1.0031i	3.4093+9.9196i

62.4	4.4838+0.3435i	-2.7610-0.5184i	4.6868+1.7316i	-2.4469-0.9398i	-2.8367-0.5481i	1.7198-1.0524i	3.7506+10.0128i
62.5	4.5287+0.1825i	-2.7708-0.3789i	4.7990+1.7036i	-2.5228-0.8200i	-2.8556-0.3933i	1.7934-1.0995i	3.9518+10.1192i
62.6	4.5595-0.0381i	-2.7507-0.2483i	4.9242+1.4858i	-2.5700-0.7114i	-2.8259-0.2575i	1.9004-1.2445i	4.4118+10.1784i
62.7	4.5972-0.2234i	-2.7592-0.1851i	5.0171+1.3330i	-2.6139-0.5865i	-2.8284-0.1894i	1.9840-1.3846i	4.8497+10.3712i
62.8	4.6623-0.4166i	-2.7277-0.0716i	5.2437+1.2803i	-2.7272-0.4399i	-2.8005-0.0431i	2.0910-1.4678i	5.2349+10.6961i
62.9	4.7135-0.5381i	-2.7570-0.0004i	5.3787+1.2604i	-2.8169-0.3799i	-2.8332+0.0270i	2.1643-1.5676i	5.5579+10.9551i
63.0	4.6014-0.7894i	-2.6724+0.1659i	5.4374+0.9997i	-2.7858-0.1676i	-2.7357+0.2051i	2.2029-1.6534i	6.0095+10.6265i
63.1	4.5990-1.0695i	-2.6383+0.2917i	5.5382+0.7715i	-2.8506-0.0080i	-2.7002+0.3538i	2.2620-1.9094i	6.5810+10.6789i
63.2	4.6827-1.3086i	-2.6801+0.3703i	5.7513+0.6230i	-2.9551+0.1477i	-2.7462+0.4539i	2.3116-2.0685i	7.2259+10.8879i
63.3	4.6954-1.5500i	-2.6686+0.4414i	5.9245+0.4421i	-2.9719+0.2926i	-2.7281+0.5417i	2.3878-2.2554i	7.7215+10.9626i
63.4	4.6098-1.6062i	-2.6114+0.4593i	5.9567+0.4316i	-2.8988+0.3864i	-2.6506+0.5784i	2.4479-2.2767i	7.7934+10.9622i
63.5	4.5127-1.7656i	-2.5382+0.4749i	6.0868+0.2248i	-2.8795+0.5241i	-2.5591+0.6010i	2.4428-2.5046i	8.1831+11.0507i
63.6	4.3056-2.0411i	-2.4034+0.5489i	6.1111-0.2041i	-2.8088+0.7264i	-2.4110+0.6767i	2.3098-2.7958i	8.8358+10.6470i
63.7	4.2330-2.1809i	-2.3778+0.5629i	6.1992-0.3087i	-2.7744+0.8736i	-2.3697+0.7125i	2.3330-2.8656i	9.2245+10.7024i
63.8	4.0332-2.4180i	-2.3002+0.6459i	6.1912-0.6385i	-2.6999+1.0620i	-2.2802+0.8106i	2.1714-3.0313i	9.7598+10.2989i
63.9	3.8017-2.6450i	-2.2688+0.7355i	6.1357-1.0531i	-2.6066+1.2508i	-2.2319+0.8995i	1.9375-3.2406i	10.4680+9.7949i
64.0	3.6253-2.7816i	-2.1817+0.7691i	6.1366-1.3752i	-2.4534+1.4096i	-2.1116+0.9485i	1.8643-3.3642i	11.0044+9.5030i
64.1	3.4308-2.8504i	-2.1222+0.8276i	5.9997-1.5972i	-2.3652+1.4770i	-2.0447+1.0047i	1.7414-3.4356i	11.2715+9.0364i
64.2	3.2031-3.0563i	-2.0428+0.9439i	5.9449-2.0374i	-2.2587+1.6659i	-1.9427+1.1263i	1.5841-3.6556i	11.9709+8.5063i
64.3	3.2550-3.0403i	-2.0474+0.9050i	6.0746-1.9603i	-2.2384+1.6968i	-1.9333+1.0987i	1.6944-3.6829i	12.1090+8.8942i
64.4	3.0492-3.0403i	-1.9159+0.9100i	5.8743-2.0689i	-2.0775+1.7803i	-1.7883+1.1038i	1.5552-3.6712i	12.1500+8.4475i
64.5	2.7101-3.1441i	-1.7671+0.9184i	5.6492-2.4692i	-1.7999+1.9308i	-1.5981+1.1154i	1.3145-3.7355i	12.4916+7.5041i
64.6	2.5090-3.2626i	-1.6293+0.9309i	5.6157-2.8216i	-1.6399+2.0194i	-1.4304+1.1298i	1.1933-3.9024i	12.9034+7.0489i
64.7	2.3181-3.2950i	-1.5598+0.9006i	5.4673-3.0697i	-1.5202+2.0481i	-1.3459+1.0875i	1.0451-3.9588i	13.1274+6.5916i
64.8	2.1917-3.1554i	-1.4947+0.7053i	5.2764-3.0253i	-1.3922+1.9561i	-1.2640+0.8826i	0.9361-3.9186i	12.9244+6.5413i
64.9	1.9204-3.1705i	-1.4158+0.6528i	5.0350-3.2637i	-1.1314+1.9908i	-1.1498+0.8329i	0.7452-3.9341i	13.1021+5.8310i
65.0	1.7480-3.1543i	-1.3889+0.6372i	4.9432-3.4508i	-0.9636+1.9735i	-1.0846+0.8079i	0.7119-3.9336i	13.2695+5.3389i
65.1	1.5390-2.9936i	-1.3163+0.5477i	4.6472-3.5810i	-0.7388+1.8761i	-0.9909+0.6911i	0.6101-3.8892i	13.0033+4.7901i
65.2	1.3863-2.9796i	-1.2715+0.4848i	4.4136-3.8426i	-0.6231+1.8303i	-0.9271+0.6035i	0.4091-3.9599i	13.1688+4.2393i
65.3	1.1964-2.8535i	-1.2322+0.4301i	4.0811-4.0360i	-0.4793+1.7271i	-0.8768+0.5093i	0.2807-3.9352i	13.0122+3.4892i
65.4	1.0126-2.6720i	-1.1486+0.3854i	3.6392-4.0887i	-0.3689+1.5733i	-0.7920+0.4272i	0.0798-3.8595i	12.5752+2.8133i
65.5	0.9834-2.5839i	-1.1340+0.3111i	3.5093-4.1112i	-0.3523+1.4968i	-0.7669+0.3418i	0.0729-3.8516i	12.5193+2.6778i
65.6	0.9180-2.4823i	-1.1230+0.1995i	3.2919-4.2170i	-0.2854+1.4048i	-0.7468+0.2091i	0.0367-3.8535i	12.3637+2.3150i
65.7	0.9147-2.3479i	-1.1103+0.0891i	3.0603-4.1693i	-0.2625+1.2907i	-0.7410+0.0727i	-0.0242-3.8087i	12.0710+2.1133i
65.8	0.9021-2.1995i	-1.1345-0.0378i	2.6817-4.0160i	-0.2356+1.2087i	-0.7866-0.0595i	-0.1667-3.6799i	11.5295+1.8535i
65.9	0.8705-2.1427i	-1.1727-0.1372i	2.5357-4.0811i	-0.1694+1.1539i	-0.8083-0.1700i	-0.1940-3.7421i	11.4792+1.6730i
66.0	0.8081-2.0192i	-1.2084-0.2843i	2.1348-3.9787i	-0.1394+1.0419i	-0.8439-0.3369i	-0.3891-3.6539i	10.9337+1.2366i
66.1	0.8567-2.0230i	-1.3028-0.4224i	2.0071-3.8908i	-0.1614+0.9858i	-0.9432-0.4808i	-0.4957-3.6616i	10.8911+1.2602i
66.2	0.8591-1.9746i	-1.4277-0.5039i	1.8952-3.7871i	-0.1429+0.9137i	-1.0700-0.5691i	-0.5144-3.6392i	10.6956+1.1864i
66.3	0.8220-1.9179i	-1.5791-0.6148i	1.6309-3.7054i	-0.1346+0.8292i	-1.2207-0.6929i	-0.6498-3.5999i	10.4244+0.9933i
66.4	0.8444-1.8740i	-1.7976-0.6904i	1.4547-3.5445i	-0.1629+0.7122i	-1.4401-0.7849i	-0.7514-3.5352i	10.2279+1.0522i
66.5	0.8489-1.8277i	-1.9535-0.6541i	1.3554-3.3823i	-0.1656+0.6244i	-1.5918-0.7597i	-0.7916-3.4399i	9.9647+1.0507i
66.6	0.8447-1.7667i	-2.0868-0.6336i	1.1918-3.2437i	-0.1912+0.5174i	-1.7274-0.7604i	-0.8674-3.4006i	9.6650+1.0477i
66.7	0.9348-1.7260i	-2.2643-0.7903i	1.1731-3.0000i	-0.2966+0.4005i	-1.9033-0.9241i	-0.8571-3.3513i	9.6591+1.4975i
66.8	0.9441-1.6950i	-2.4385-0.7656i	1.0863-2.8340i	-0.3541+0.3485i	-2.0880-0.9139i	-0.9424-3.2506i	9.6393+1.4767i
66.9	0.9620-1.6410i	-2.5822-0.7063i	0.9798-2.6758i	-0.4029+0.2715i	-2.2374-0.8645i	-0.9987-3.1743i	9.4415+1.5293i
67.0	0.9728-1.6167i	-2.7591-0.6232i	0.9654-2.4652i	-0.5084+0.2260i	-2.4180-0.7880i	-1.0152-3.1069i	9.3193+1.6758i
67.1	0.9900-1.6363i	-2.9761-0.5984i	0.9445-2.3247i	-0.6090+0.2057i	-2.6415-0.7684i	-1.1046-3.0895i	9.5003+1.7479i
67.2	1.0109-1.5818i	-3.0683-0.5384i	0.8680-2.0800i	-0.7082+0.1585i	-2.7629-0.7193i	-1.1879-2.9691i	9.2763+1.8030i
67.3	1.0517-1.5731i	-3.1974-0.5047i	0.9856-1.8860i	-0.7844+0.1758i	-2.8849-0.6705i	-1.1229-2.8501i	9.3321+2.0324i
67.4	1.0924-1.5846i	-3.3707-0.2807i	1.1126-1.7721i	-0.8780+0.2162i	-3.0514-0.4479i	-1.1090-2.8406i	9.5528+2.0407i
67.5	1.0947-1.5955i	-3.4897-0.1608i	1.1846-1.6838i	-0.9402+0.2370i	-3.1704-0.3361i	-1.1243-2.8085i	9.6818+1.9661i
67.6	1.0960-1.5911i	-3.6417-0.0267i	1.2028-1.5930i	-1.0022+0.2684i	-3.3185-0.2116i	-1.2100-2.7632i	9.8133+1.8498i
67.7	1.1024-1.5951i	-3.7047+0.1297i	1.2742-1.5132i	-1.0757+0.3067i	-3.3871-0.0500i	-1.2558-2.7034i	9.7822+1.7713i
67.8	1.1358-1.5772i	-3.8358+0.2006i	1.3741-1.3668i	-1.1400+0.3450i	-3.5142+0.0233i	-1.2806-2.6087i	9.8261+1.8309i
67.9	1.1921-1.5935i	-3.8939+0.3322i	1.5215-1.2992i	-1.1834+0.3708i	-3.5721+0.1462i	-1.2485-2.5763i	9.8773+1.9147i
68.0	1.2519-1.6014i	-4.0554+0.4470i	1.7041-1.2017i	-1.2553+0.4084i	-3.7117+0.2581i	-1.2355-2.5028i	10.0618+1.9992i
68.1	1.2534-1.6367i	-4.1624+0.6631i	1.7833-1.2219i	-1.3102+0.4819i	-3.8149+0.4644i	-1.3197-2.4575i	10.2069+1.8128i
68.2	1.2804-1.7167i	-4.2844+0.8856i	1.9506-1.2205i	-1.3535+0.5642i	-3.9307+0.6853i	-1.3577-2.4006i	10.4471+1.6074i
68.3	1.2439-1.8197i	-4.3147+1.2800i	2.0752-1.3310i	-1.3707+0.7104i	-3.9595+1.0598i	-1.4601-2.2711i	10.5910+1.0896i
68.4	1.2392-1.8432i	-4.3279+1.5167i	2.2029-1.3604i	-1.3758+0.7748i	-3.9631+1.2821i	-1.4442-2.1273i	10.5791+0.8889i
68.5	1.2697-1.8840i	-4.3340+1.7095i	2.2995-1.3927i	-1.4202+0.8215i	-3.9700+1.4608i	-1.4390-2.0509i	10.6709+0.8468i
68.6	1.2833-1.8914i	-4.3482+1.8010i	2.3395-1.3977i	-1.4717+0.8444i	-3.9836+1.5529i	-1.4437-1.9693i	10.6180+0.9337i

68.7	1.2686-1.8695i	-4.2335+1.9335i	2.3902-1.3741i	-1.4339+0.9013i	-3.8689+1.6925i	-1.3729-1.8060i	10.3684+0.8353i
68.8	1.2322-1.9818i	-4.1736+2.2956i	2.4959-1.5279i	-1.4009+1.0430i	-3.8025+2.0435i	-1.3364-1.7198i	10.4899+0.3699i
68.9	1.2162-2.1109i	-4.2046+2.6701i	2.6619-1.6663i	-1.4254+1.1923i	-3.8106+2.3937i	-1.3353-1.6078i	10.7692+0.0505i
69.0	1.2351-2.1964i	-4.2392+2.8534i	2.8311-1.7660i	-1.4620+1.2702i	-3.8214+2.5540i	-1.2449-1.5982i	10.9821+0.0738i
69.1	1.1864-2.2423i	-4.1283+3.0162i	2.8603-1.8543i	-1.4412+1.3264i	-3.7104+2.7045i	-1.2021-1.5091i	10.9319-0.0988i
69.2	1.0892-2.2849i	-3.9048+3.1880i	2.8717-1.9941i	-1.3761+1.3876i	-3.4742+2.8548i	-1.0998-1.4520i	10.7055-0.3171i
69.3	1.0379-2.3383i	-3.8439+3.3910i	2.9434-2.0770i	-1.3717+1.4710i	-3.3981+3.0340i	-1.0011-1.3603i	10.7519-0.4275i
69.4	0.9663-2.3367i	-3.6022+3.6196i	2.9192-2.1746i	-1.2753+1.5797i	-3.1646+3.2414i	-0.8724-1.1891i	10.5831-0.7343i
69.5	0.9331-2.3298i	-3.4284+3.7381i	2.9620-2.2077i	-1.1957+1.6329i	-2.9872+3.3424i	-0.6912-1.1106i	10.4408-0.8222i
69.6	0.8995-2.3385i	-3.2963+3.8822i	2.9766-2.3419i	-1.1446+1.6985i	-2.8581+3.4541i	-0.6029-1.1239i	10.4265-1.0609i
69.7	0.7366-2.3966i	-2.9886+4.0882i	2.8292-2.6625i	-1.0415+1.7695i	-2.5758+3.6072i	-0.6171-1.2117i	10.2594-1.6798i
69.8	0.7404-2.4258i	-2.9435+4.2138i	2.9540-2.7510i	-1.0424+1.8218i	-2.5241+3.7056i	-0.4535-1.1826i	10.3125-1.7198i
69.9	0.7723-2.4662i	-2.9333+4.3059i	3.1031-2.6946i	-1.0559+1.8776i	-2.4974+3.7899i	-0.2891-1.0942i	10.3825-1.4766i
70.0	0.6336-2.4630i	-2.4963+4.4429i	2.8654-2.8848i	-0.8496+1.9469i	-2.1100+3.8904i	-0.2214-1.0768i	9.8785-2.0595i
70.1	0.6045-2.4416i	-2.3577+4.5133i	2.8412-3.0362i	-0.8004+2.0124i	-1.9897+3.9291i	-0.1104-1.1391i	9.7912-2.2062i
70.2	0.5710-2.4862i	-2.2407+4.6781i	2.8220-3.2036i	-0.7552+2.0729i	-1.8856+4.0522i	-0.0423-1.1735i	9.8292-2.3019i
70.3	0.5034-2.5325i	-1.9495+4.8104i	2.7736-3.3897i	-0.6117+2.1160i	-1.6258+4.1564i	0.0671-1.2960i	9.6520-2.5000i
70.4	0.5155-2.5208i	-1.8750+4.7585i	2.7073-3.3588i	-0.5630+2.1003i	-1.5701+4.1079i	0.1420-1.2970i	9.3573-2.3990i
70.5	0.4696-2.5480i	-1.6259+4.7884i	2.6951-3.3664i	-0.4302+2.1093i	-1.3413+4.1413i	0.3408-1.2797i	9.1629-2.4419i
70.6	0.3449-2.5267i	-1.2797+4.7726i	2.4121-3.5382i	-0.2858+2.0815i	-1.0561+4.0972i	0.2938-1.3360i	8.8291-2.8173i
70.7	0.4100-2.5710i	-1.3042+4.7964i	2.4737-3.5808i	-0.3228+2.0825i	-1.0863+4.1035i	0.3860-1.3695i	8.9698-2.5346i
70.8	0.3843-2.5820i	-1.1349+4.7999i	2.4418-3.6263i	-0.2564+2.0654i	-0.9370+4.1060i	0.5334-1.4455i	8.8063-2.5210i
70.9	0.2515-2.5703i	-0.7849+4.7225i	2.2802-3.6730i	-0.1100+1.9995i	-0.6266+4.0398i	0.5911-1.4847i	8.4071-2.7015i
71.0	0.1722-2.7501i	-0.5819+4.9797i	2.2805-3.8908i	-0.0290+2.0980i	-0.4560+4.2711i	0.7326-1.6168i	8.5752-2.9898i
71.1	0.0386-2.8027i	-0.2899+5.0502i	2.0910-4.0668i	0.0727+2.1162i	-0.2091+4.3271i	0.7204-1.8254i	8.4622-3.1786i
71.2	-0.0107-2.7891i	-0.1230+4.9427i	2.1222-4.0085i	0.1434+2.0499i	-0.0424+4.2422i	0.9084-1.9457i	8.2431-2.9574i
71.3	-0.0758-2.8004i	-0.0022+4.9000i	2.2153-3.9686i	0.1672+2.0253i	0.0820+4.2129i	1.0629-1.9266i	8.2142-2.8400i
71.4	-0.2529-2.7611i	0.3324+4.7522i	1.8672-4.1143i	0.2752+1.9604i	0.3579+4.0695i	0.8991-2.0952i	7.9311-3.1500i
71.5	-0.3085-2.7435i	0.4729+4.6319i	1.7426-4.2008i	0.3199+1.9144i	0.4832+3.9616i	0.8552-2.3144i	7.7623-3.1268i
71.6	-0.3904-2.6922i	0.6393+4.5258i	1.7501-4.0671i	0.4010+1.8908i	0.6438+3.8854i	0.9756-2.2840i	7.5481-3.0170i
71.7	-0.4703-2.7274i	0.7476+4.5055i	1.8147-3.9720i	0.4455+1.8985i	0.7591+3.8785i	1.1263-2.2485i	7.4953-2.8871i
71.8	-0.5773-2.7673i	0.9761+4.4826i	1.8726-4.2362i	0.5365+1.8706i	0.9907+3.8339i	1.2588-2.5275i	7.6204-2.9036i
71.9	-0.7460-2.6475i	1.2446+4.2367i	1.5941-4.3115i	0.6320+1.7774i	1.2231+3.6033i	1.0723-2.7125i	7.2705-3.2351i
72.0	-0.7978-2.4747i	1.2930+3.8794i	1.3160-4.2718i	0.6216+1.6381i	1.2609+3.2627i	0.8406-2.8301i	6.9516-3.0662i
72.1	-0.9512-2.3871i	1.5027+3.7056i	1.1863-4.5254i	0.7148+1.5365i	1.4664+3.0650i	0.7504-3.1724i	6.7423-3.1906i
72.2	-1.0263-2.3835i	1.6089+3.6909i	1.2411-4.5609i	0.7599+1.5524i	1.5668+3.0499i	0.8335-3.1771i	6.8490-3.2765i
72.3	-1.0420-2.3468i	1.6235+3.6268i	1.2738-4.5754i	0.7679+1.5419i	1.5784+2.9848i	0.9186-3.2263i	6.8201-3.1730i
72.4	-1.1393-2.2860i	1.7276+3.5117i	1.1366-4.7289i	0.8143+1.5029i	1.6741+2.8645i	0.8293-3.5037i	6.7268-3.2110i
72.5	-1.1558-2.1588i	1.7579+3.3076i	0.8926-4.7162i	0.8142+1.4157i	1.6688+2.6617i	0.6126-3.5293i	6.4782-3.1813i
72.6	-1.2206-2.1085i	1.8428+3.2085i	0.7714-4.7843i	0.8502+1.3730i	1.7461+2.5608i	0.5430-3.6778i	6.3619-3.2200i
72.7	-1.2599-2.1245i	1.8764+3.2335i	1.0168-4.7695i	0.8888+1.4171i	1.8091+2.6001i	0.7842-3.7126i	6.5822-3.1568i
72.8	-1.2810-2.0258i	1.8808+3.0524i	0.7514-4.6806i	0.8844+1.3343i	1.7845+2.4244i	0.5344-3.7120i	6.3628-3.1036i
72.9	-1.3162-1.8026i	1.9548+2.7334i	0.2876-4.6665i	0.8887+1.1799i	1.8044+2.0966i	0.1272-3.7504i	5.8264-3.1548i
73.0	-1.3265-1.7393i	2.0063+2.6316i	0.2785-4.7769i	0.9086+1.1384i	1.8402+1.9908i	0.1215-3.9034i	5.9026-3.1198i
73.1	-1.3291-1.6110i	2.0006+2.4325i	0.1712-4.7235i	0.9422+1.0734i	1.8445+1.8168i	0.0365-3.9374i	5.6830-3.1004i
73.2	-1.3119-1.4814i	1.9749+2.2447i	-0.0418-4.5242i	0.9290+1.0127i	1.7987+1.6689i	-0.1415-3.8297i	5.3628-3.0569i
73.3	-1.4320-1.4303i	2.1274+2.1714i	-0.0916-4.7290i	1.0256+0.9847i	1.9541+1.5643i	-0.2061-4.0966i	5.4675-3.1798i
73.4	-1.4201-1.4000i	2.1187+2.0969i	-0.0097-4.7366i	1.0347+0.9526i	1.9602+1.4888i	-0.1210-4.1870i	5.4429-3.0939i
73.5	-1.2603-1.3155i	1.9017+1.9265i	-0.0494-4.5451i	0.9648+0.8519i	1.7544+1.3451i	-0.1487-4.0751i	5.0695-2.7314i
73.6	-1.2847-1.2994i	1.9362+1.9203i	-0.1178-4.5886i	0.9750+0.8434i	1.7759+1.3291i	-0.2302-4.1635i	5.1192-2.6357i
73.7	-1.2759-1.2865i	1.9517+1.8655i	-0.1438-4.6414i	0.9921+0.8111i	1.7894+1.2519i	-0.2392-4.2961i	5.1116-2.5598i
73.8	-1.2696-1.2689i	1.9515+1.8151i	-0.2842-4.5509i	1.0067+0.8133i	1.7857+1.2216i	-0.3314-4.2510i	5.0640-2.5676i
73.9	-1.2420-1.1005i	1.8814+1.5526i	-0.3420-4.4604i	0.9869+0.6539i	1.7225+0.9614i	-0.4629-4.1984i	4.6530-2.4750i
74.0	-1.2579-0.9807i	1.9070+1.3790i	-0.5639-4.5654i	0.9833+0.5609i	1.7007+0.7664i	-0.7354-4.3250i	4.6164-2.5434i
74.1	-1.2151-0.9707i	1.8310+1.3486i	-0.6660-4.4671i	0.9425+0.5517i	1.6193+0.7504i	-0.8058-4.2306i	4.4902-2.3677i
74.2	-1.1997-0.9918i	1.7849+1.3782i	-0.6914-4.5089i	0.9412+0.5048i	1.5821+0.7408i	-0.8531-4.3360i	4.4207-2.0638i
74.3	-1.1453-0.9493i	1.6865+1.3276i	-0.9516-4.3002i	0.8788+0.5036i	1.4343+0.7203i	-1.0697-4.1824i	4.2827-1.9699i
74.4	-1.1281-0.8913i	1.6668+1.2466i	-0.8991-4.4678i	0.8825+0.4662i	1.4225+0.6203i	-1.0111-4.3564i	4.3497-1.8898i
74.5	-1.1301-0.7719i	1.6416+1.1038i	-0.9754-4.5632i	0.8474+0.3860i	1.3761+0.4533i	-1.1463-4.4529i	4.3880-1.7956i
74.6	-1.1180-0.7163i	1.6038+1.0319i	-1.0868-4.5359i	0.8170+0.3361i	1.3201+0.3754i	-1.2586-4.4516i	4.3696-1.7320i
74.7	-1.0513-0.6774i	1.5047+0.9845i	-1.1726-4.3580i	0.7573+0.3054i	1.2156+0.3463i	-1.2949-4.2956i	4.1600-1.5989i
74.8	-0.9956-0.6147i	1.4445+0.8903i	-1.2615-4.3033i	0.7439+0.2366i	1.1462+0.2486i	-1.3969-4.2539i	4.0675-1.5543i
74.9	-0.9417-0.6123i	1.3929+0.8903i	-1.3270-4.1497i	0.7074+0.2480i	1.0679+0.2753i	-1.4541-4.1343i	4.0825-1.3831i

75.0	-0.9139-0.5594i	1.3089+0.8391i	-1.2465-4.1454i	0.6630+0.1960i	1.0132+0.2276i	-1.3921-4.1486i	3.9453-1.2605i
75.1	-0.8797-0.5257i	1.2601+0.7464i	-1.1830-4.0576i	0.6361+0.1065i	0.9656+0.1405i	-1.3231-4.1100i	3.7767-1.0791i
75.2	-0.8069-0.5076i	1.2071+0.7029i	-1.3952-4.1263i	0.5641+0.1028i	0.8444+0.0838i	-1.5174-4.2404i	3.9662-0.9203i
75.3	-0.7390-0.4961i	1.1066+0.7733i	-1.4980-4.0804i	0.4876+0.1639i	0.7392+0.1503i	-1.5952-4.2321i	4.0544-0.7233i
75.4	-0.7036-0.4407i	1.0419+0.7077i	-1.5498-3.9993i	0.4419+0.1222i	0.6649+0.1006i	-1.6394-4.1495i	4.0053-0.6825i
75.5	-0.5994-0.4565i	0.8956+0.6819i	-1.6296-3.8254i	0.3145+0.1334i	0.4831+0.0992i	-1.7061-4.0461i	3.9424-0.4966i
75.6	-0.5259-0.5020i	0.8638+0.7030i	-1.9152-3.7746i	0.2963+0.1662i	0.3934+0.1340i	-2.0235-4.0753i	4.0817-0.4692i
75.7	-0.4775-0.4898i	0.8382+0.6957i	-1.9466-3.5956i	0.2934+0.1848i	0.3667+0.1595i	-2.0719-3.9407i	4.1466-0.3819i
75.8	-0.4197-0.5032i	0.7579+0.7562i	-1.8483-3.7697i	0.2603+0.2261i	0.2956+0.1826i	-1.9904-4.1955i	4.2118-0.1679i
75.9	-0.3755-0.4825i	0.7034+0.7341i	-1.8891-3.8016i	0.2136+0.2288i	0.2263+0.1529i	-2.0481-4.2661i	4.2029+0.0009i
76.0	-0.3506-0.5200i	0.6908+0.7809i	-1.9517-3.7127i	0.1923+0.2654i	0.2037+0.2038i	-2.1025-4.2313i	4.2602+0.1950i
76.1	-0.3216-0.5152i	0.6522+0.7768i	-1.9782-3.7445i	0.1749+0.2426i	0.1612+0.1968i	-2.1801-4.2893i	4.2819+0.2958i
76.2	-0.2679-0.5505i	0.6095+0.8190i	-2.0874-3.5703i	0.1529+0.3092i	0.0867+0.2731i	-2.3164-4.1565i	4.4516+0.3020i
76.3	-0.1687-0.5525i	0.4921+0.8810i	-2.2784-3.7051i	0.0629+0.3829i	-0.0767+0.3148i	-2.5100-4.3618i	4.7118+0.6003i
76.4	-0.1667-0.5857i	0.5389+0.9282i	-2.3492-3.6621i	0.1083+0.4206i	-0.0483+0.3701i	-2.6298-4.3919i	4.8435+0.7084i
76.5	-0.1281-0.6307i	0.5012+0.9211i	-2.2555-3.6274i	0.1231+0.4128i	-0.0727+0.3671i	-2.5944-4.4122i	4.8462+0.8234i
76.6	-0.0889-0.6823i	0.4980+0.9655i	-2.1701-3.4325i	0.1585+0.4350i	-0.0661+0.4364i	-2.5129-4.2491i	4.8825+0.9281i
76.7	-0.1063-0.7776i	0.5456+1.0912i	-2.2870-3.2715i	0.2091+0.5555i	-0.0451+0.5949i	-2.6864-4.1639i	5.2853+0.9211i
76.8	-0.0325-0.8218i	0.4366+1.1284i	-2.3939-3.3563i	0.1181+0.5979i	-0.1899+0.6371i	-2.8766-4.2943i	5.6417+1.0183i
76.9	0.0083-0.8572i	0.4340+1.1676i	-2.3703-3.4924i	0.1495+0.5995i	-0.2137+0.6479i	-2.9376-4.5142i	5.9028+1.1282i
77.0	0.0324-1.0012i	0.4541+1.3084i	-2.5997-3.2544i	0.2084+0.7036i	-0.2271+0.8472i	-3.2175-4.3369i	6.0788+1.0687i
77.1	0.0577-1.1220i	0.4216+1.3963i	-2.6332-3.2270i	0.1997+0.7587i	-0.2659+0.9503i	-3.2594-4.3790i	6.2229+1.2119i
77.2	0.0704-1.2019i	0.3996+1.4541i	-2.5778-2.9941i	0.1773+0.8212i	-0.2901+1.0478i	-3.2712-4.1967i	6.3686+1.2460i
77.3	0.0286-1.2587i	0.4836+1.4721i	-2.5731-2.9692i	0.2471+0.8015i	-0.2170+1.0723i	-3.3801-4.1488i	6.4508+1.0647i
77.4	0.0088-1.3462i	0.5077+1.5217i	-2.7623-2.9980i	0.2673+0.8105i	-0.2340+1.1319i	-3.7191-4.1451i	6.6885+0.9302i
77.5	-0.0895-1.4313i	0.6029+1.5942i	-2.8584-2.7998i	0.3367+0.8447i	-0.1492+1.2478i	-3.9243-3.8884i	6.8181+0.6522i
77.6	-0.1593-1.5659i	0.7064+1.7265i	-2.7730-2.8322i	0.4620+0.9169i	-0.0486+1.3696i	-3.9510-4.0140i	7.2590+0.9040i
77.7	-0.1878-1.5581i	0.7442+1.6809i	-2.7464-2.7851i	0.5164+0.8826i	-0.0190+1.3410i	-3.9872-3.9224i	7.2587+0.7833i
77.8	-0.2400-1.4860i	0.7713+1.5818i	-2.7517-2.6320i	0.5413+0.8183i	0.0159+1.2797i	-3.9853-3.6425i	6.9628+0.4831i
77.9	-0.3300-1.5397i	0.8547+1.6103i	-2.8011-2.5723i	0.5807+0.8171i	0.0826+1.3341i	-4.0945-3.5398i	7.1643+0.4215i
78.0	-0.4053-1.5977i	0.9597+1.6261i	-2.8150-2.5128i	0.6802+0.7853i	0.1637+1.3759i	-4.1815-3.4658i	7.3642+0.3421i
78.1	-0.5464-1.6160i	1.1299+1.5855i	-2.8943-2.3473i	0.8224+0.7207i	0.3085+1.4042i	-4.4082-3.1721i	7.7206-0.1958i
78.2	-0.5985-1.6705i	1.1511+1.6442i	-2.9149-2.3434i	0.8389+0.7496i	0.3161+1.4878i	-4.4686-3.1471i	7.9125-0.1090i
78.3	-0.7032-1.5964i	1.2445+1.5314i	-2.8703-2.2104i	0.9124+0.6387i	0.4291+1.4115i	-4.4488-2.9418i	7.7425-0.3782i
78.4	-0.7855-1.6400i	1.3455+1.5265i	-2.9329-2.1703i	0.9875+0.5980i	0.5092+1.4421i	-4.5970-2.8702i	7.9149-0.5852i
78.5	-0.8584-1.6508i	1.4154+1.4555i	-2.8904-1.9857i	1.0387+0.4852i	0.5943+1.4430i	-4.5887-2.5871i	7.9617-0.8710i
78.6	-1.0081-1.5536i	1.4924+1.3121i	-2.8044-1.7819i	1.0339+0.3413i	0.7182+1.3561i	-4.4658-2.2421i	7.7266-1.2600i
78.7	-1.1181-1.4930i	1.5636+1.2405i	-2.6809-1.7833i	1.0556+0.2727i	0.8262+1.2993i	-4.3834-2.1974i	7.7884-1.4199i
78.8	-1.1714-1.5188i	1.5969+1.2285i	-2.5158-1.8576i	1.0578+0.2245i	0.8868+1.2980i	-4.2269-2.3018i	7.9747-1.4270i
78.9	-1.2361-1.4719i	1.6245+1.1599i	-2.4251-1.9583i	1.0530+0.1346i	0.9317+1.2377i	-4.1461-2.4090i	7.8959-1.5218i
79.0	-1.2681-1.4393i	1.6335+1.0895i	-2.5977-2.0371i	1.0339+0.0354i	0.9342+1.2080i	-4.3957-2.4072i	7.8995-1.7755i
79.1	-1.3312-1.2528i	1.6128+0.9365i	-2.5324-1.6830i	0.9662+0.0038i	1.0168+1.1245i	-4.2441-1.8870i	7.4766-2.0196i
79.2	-1.4164-1.2521i	1.6686+0.9457i	-2.5229-1.7637i	0.9707-0.0331i	1.1094+1.1388i	-4.2599-1.9277i	7.7591-2.0510i
79.3	-1.4503-1.1816i	1.6684+0.8672i	-2.3448-1.7451i	0.9329-0.1066i	1.1872+1.0418i	-4.0414-1.8709i	7.5632-2.3138i
79.4	-1.4884-0.9991i	1.6621+0.7415i	-2.2532-1.7056i	0.9120-0.1340i	1.2368+0.8960i	-3.9047-1.7741i	7.2884-2.3839i
79.5	-1.4208-0.9835i	1.5993+0.7150i	-2.3035-1.8161i	0.8531-0.1741i	1.1688+0.8332i	-3.9372-1.8950i	7.3127-2.2278i
79.6	-1.4181-0.9476i	1.5871+0.6891i	-2.3305-1.8834i	0.8090-0.2003i	1.1586+0.7881i	-3.9485-1.9339i	7.3275-2.3694i
79.7	-1.3820-0.8550i	1.5315+0.6295i	-2.3539-1.9520i	0.7657-0.2212i	1.1210+0.7066i	-3.9433-1.9649i	7.1788-2.5184i
79.8	-1.3648-0.7915i	1.5014+0.5728i	-2.3164-2.0308i	0.7212-0.2657i	1.1044+0.6033i	-3.8873-2.0448i	6.9679-2.5371i
79.9	-1.4179-0.7535i	1.5279+0.5319i	-2.2801-2.0622i	0.6921-0.2965i	1.1436+0.5435i	-3.8843-2.0588i	6.8830-2.6258i
80.0	-1.3744-0.7070i	1.4719+0.5059i	-2.3035-2.0711i	0.6431-0.2875i	1.0749+0.4882i	-3.8936-2.0981i	6.8404-2.5693i

2.1.43 Run 4 – IP050-200 – Accels 1–8

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	20.5473+0.0000i	26.4088+0.0000i	49.1100+0.0000i	56.1546+0.0000i	-4.4612+0.0000i	12.4472+0.0000i	7.4721+0.0000i	17.3492+0.0000i
0.1	16.8823-0.1316i	22.9332-1.3778i	42.3484-3.2138i	48.6792-3.2548i	-4.8550+0.3209i	9.3220+0.0791i	5.0189-0.4555i	13.0701-1.5772i
0.2	-0.2734-0.2595i	0.6251-0.0545i	2.4929+1.0259i	0.7029+0.1825i	-1.1751+1.1709i	-2.6839-1.0407i	-1.8995-1.3720i	-0.0575-1.0697i
0.3	0.1231+0.4115i	0.7162-0.3057i	4.0812-1.8289i	0.5311-0.0683i	-0.3557-1.2264i	0.2214-1.9397i	2.4559-2.7840i	1.2827-0.8744i
0.4	0.7371-0.0936i	0.7759+0.0814i	0.7818+0.5158i	0.2778+0.0948i	0.1799-0.9134i	-0.6010-0.5089i	0.1172-0.1870i	0.6688+0.2696i
0.5	0.0973-0.1391i	0.1186-0.0007i	1.2368+0.7664i	0.0395-0.0313i	0.1582-0.1295i	-0.1580+0.3247i	0.2074-0.1454i	0.3628+0.3731i
0.6	0.0889-0.0541i	0.1055-0.0371i	0.2401-0.3043i	0.0056-0.0538i	-0.0414-0.0097i	0.1873+0.0485i	-0.0995-0.0810i	-0.0166+0.1521i
0.7	0.1649+0.0543i	0.1103+0.0022i	-0.2021-0.4689i	-0.0171-0.0109i	-0.0300+0.0081i	0.0394-0.0588i	0.0309-0.0006i	-0.0575+0.0482i
0.8	0.2106+0.0643i	0.1460+0.0264i	-0.1691-0.0985i	-0.0137-0.0096i	-0.0253-0.0096i	0.0675-0.0043i	0.0104+0.0334i	-0.0297+0.0035i
0.9	0.3582+0.1243i	0.1773+0.0062i	0.0012+0.0166i	-0.0137-0.0110i	-0.0514-0.0224i	0.0928-0.0035i	0.0045+0.0018i	-0.0301-0.0302i
1.0	0.5236+0.1381i	0.1887+0.0062i	-0.0210+0.0292i	-0.0169-0.0075i	-0.0694-0.0178i	0.1110-0.0043i	-0.0005-0.0029i	-0.0608-0.0333i
1.1	0.3957+0.0730i	0.2462-0.0031i	-0.0942+0.1916i	-0.0125-0.0111i	-0.0921-0.0053i	0.1351-0.0243i	0.0027+0.0003i	-0.0675-0.0131i
1.2	0.3420-0.0253i	0.4015+0.0167i	-0.0681+0.2220i	-0.0040-0.0007i	-0.1243-0.0077i	0.2263-0.0016i	-0.0062-0.0056i	-0.1057+0.0019i
1.3	0.4257+0.0102i	0.4823+0.0192i	-0.0619-0.0107i	-0.0072+0.0029i	-0.1449-0.0121i	0.2736-0.0368i	-0.0072+0.0006i	-0.1157+0.0301i
1.4	0.5546+0.0323i	0.6044+0.0222i	0.0643-0.1060i	-0.0086+0.0022i	-0.1760-0.0258i	0.3287-0.0416i	-0.0073+0.0029i	0.0043-0.0183i
1.5	0.7643-0.0668i	0.7973-0.0801i	0.1474-0.3059i	-0.0095+0.0023i	-0.2350-0.0364i	0.4798-0.0743i	-0.0104+0.0000i	-0.0759-0.2854i
1.6	0.9039-0.1493i	0.9221-0.1631i	0.2091-0.3111i	-0.0122-0.0018i	-0.3118-0.0313i	0.6714-0.1826i	-0.0144-0.0013i	-0.4330-0.2899i
1.7	1.0575-0.2350i	1.0686-0.2390i	0.2070-0.2430i	-0.0164+0.0007i	-0.3884-0.0118i	0.8016-0.3359i	-0.0202+0.0000i	-0.5997-0.1340i
1.8	1.3418-0.4823i	1.3574-0.4829i	0.3360-0.5187i	-0.0220+0.0065i	-0.5256+0.0082i	1.0301-0.7190i	-0.0271-0.0003i	-0.7693-0.0109i
1.9	1.4824-0.8803i	1.4995-0.8597i	0.2370-0.9176i	-0.0274+0.0110i	-0.6835+0.0220i	1.0175-1.2957i	-0.0347-0.0014i	-0.9378+0.0992i
2.0	1.2016-1.2424i	1.2308-1.2042i	-0.5766-1.2954i	-0.0249+0.0130i	-0.9733+0.0524i	0.2270-1.7945i	-0.0492-0.0013i	-1.1358+0.2399i
2.1	1.0164-1.1363i	1.0693-1.1078i	-1.9219-1.0787i	-0.0381+0.0135i	-1.6968+0.1305i	-0.9518-1.5766i	-0.0837+0.0011i	-1.6640+0.3409i
2.2	1.6333-1.1657i	1.7026-1.1553i	-2.9456-0.5297i	-0.0642+0.0235i	-2.7274+0.5325i	-1.2947-1.1889i	-0.1291+0.0170i	-2.6009+0.6912i
2.3	1.0231-2.3234i	1.0907-2.3215i	-2.3539+1.1565i	-0.0422+0.0782i	-1.9021+2.3398i	-1.3204-0.7761i	-0.0961+0.0950i	-1.7705+2.4090i
2.4	-2.5548-1.2997i	-2.4726-1.2772i	1.6545+0.8939i	0.0958+0.0450i	3.1064+1.3091i	-0.7845-0.3408i	0.1170+0.0583i	3.0909+1.3644i
2.5	-1.7590-0.5470i	-1.6717-0.5293i	0.9573+0.0472i	0.0652+0.0137i	2.1158+0.4005i	-0.8034-0.3200i	0.0728+0.0191i	2.1406+0.4686i
2.6	-1.1537-0.3637i	-1.0593-0.3548i	0.5407-0.0124i	0.0461+0.0091i	1.4402+0.2286i	-0.7558-0.2781i	0.0410+0.0114i	1.4802+0.2858i
2.7	-0.8867-0.2571i	-0.7830-0.2527i	0.3298-0.0618i	0.0372+0.0070i	1.1602+0.1472i	-0.7331-0.2215i	0.0279+0.0058i	1.2104+0.1949i
2.8	-0.6852-0.1972i	-0.5778-0.1965i	0.2205-0.0505i	0.0325+0.0038i	0.9811+0.1183i	-0.6991-0.1784i	0.0172+0.0041i	1.0375+0.1583i
2.9	-0.5057-0.1718i	-0.3928-0.1760i	0.1583-0.0229i	0.0278+0.0056i	0.8604+0.1062i	-0.6395-0.1594i	0.0110+0.0048i	0.9144+0.1414i
3.0	-0.3663-0.1361i	-0.2481-0.1337i	0.1487-0.0063i	0.0228+0.0057i	0.7756+0.0770i	-0.6031-0.1411i	0.0051+0.0031i	0.8299+0.1086i
3.1	-0.2620-0.1225i	-0.1341-0.1199i	0.1181-0.0097i	0.0210+0.0052i	0.7110+0.0710i	-0.5823-0.1280i	-0.0004+0.0032i	0.7681+0.0989i
3.2	-0.1570-0.0994i	-0.0198-0.1010i	0.0969-0.0281i	0.0203+0.0032i	0.6620+0.0635i	-0.5614-0.1123i	-0.0049+0.0024i	0.7221+0.0880i
3.3	-0.0619-0.0907i	0.0822-0.0908i	0.0681-0.0370i	0.0184+0.0020i	0.6248+0.0567i	-0.5416-0.1025i	-0.0099+0.0018i	0.6868+0.0794i
3.4	0.0301-0.0717i	0.1800-0.0675i	0.0507-0.0339i	0.0160+0.0019i	0.5900+0.0479i	-0.5271-0.0855i	-0.0149+0.0019i	0.6550+0.0660i
3.5	0.1089-0.0763i	0.2679-0.0745i	0.0497-0.0310i	0.0156+0.0018i	0.5625+0.0468i	-0.5132-0.0874i	-0.0191+0.0027i	0.6304+0.0649i
3.6	0.1910-0.0762i	0.3650-0.0715i	0.0706-0.0196i	0.0132+0.0017i	0.5386+0.0437i	-0.4984-0.0792i	-0.0242+0.0025i	0.6084+0.0607i
3.7	0.2683-0.0612i	0.4569-0.0591i	0.0461-0.0130i	0.0119+0.0007i	0.5178+0.0394i	-0.4906-0.0746i	-0.0288+0.0020i	0.5911+0.0560i
3.8	0.3360-0.0546i	0.5354-0.0567i	0.0162-0.0267i	0.0104+0.0016i	0.5029+0.0392i	-0.4834-0.0709i	-0.0332+0.0019i	0.5789+0.0538i
3.9	0.4257-0.0573i	0.6347-0.0598i	0.0138-0.0194i	0.0077+0.0017i	0.4863+0.0399i	-0.4721-0.0703i	-0.0391+0.0014i	0.5666+0.0534i
4.0	0.4972-0.0608i	0.7180-0.0607i	0.0146-0.0319i	0.0050+0.0015i	0.4721+0.0382i	-0.4739-0.0698i	-0.0448+0.0016i	0.5585+0.0521i
4.1	0.5685-0.0453i	0.8038-0.0447i	0.0072-0.0298i	0.0039+0.0024i	0.4613+0.0349i	-0.4704-0.0616i	-0.0503+0.0009i	0.5523+0.0480i
4.2	0.6520-0.0450i	0.8982-0.0423i	-0.0053-0.0208i	0.0026+0.0021i	0.4506+0.0356i	-0.4623-0.0628i	-0.0562+0.0008i	0.5458+0.0492i
4.3	0.7452-0.0488i	1.0043-0.0464i	0.0031-0.0207i	-0.0005+0.0023i	0.4394+0.0376i	-0.4554-0.0643i	-0.0627+0.0008i	0.5407+0.0511i
4.4	0.8317-0.0505i	1.1044-0.0508i	-0.0124-0.0191i	-0.0007+0.0028i	0.4281+0.0387i	-0.4507-0.0592i	-0.0701+0.0023i	0.5352+0.0494i
4.5	0.9116-0.0389i	1.1978-0.0378i	-0.0333-0.0284i	-0.0039+0.0019i	0.4188+0.0372i	-0.4486-0.0539i	-0.0781+0.0019i	0.5322+0.0470i
4.6	1.0036-0.0318i	1.3043-0.0335i	-0.0406-0.0048i	-0.0082+0.0022i	0.4109+0.0375i	-0.4425-0.0527i	-0.0857+0.0015i	0.5302+0.0481i
4.7	1.1026-0.0452i	1.4160-0.0456i	-0.0343-0.0074i	-0.0135+0.0032i	0.4044+0.0396i	-0.4359-0.0542i	-0.0952+0.0032i	0.5306+0.0496i
4.8	1.1877-0.0449i	1.5203-0.0418i	-0.0208+0.0133i	-0.0159+0.0042i	0.3960+0.0375i	-0.4361-0.0497i	-0.1033+0.0025i	0.5293+0.0467i
4.9	1.2771-0.0370i	1.6261-0.0317i	-0.0143+0.0226i	-0.0209+0.0055i	0.3870+0.0383i	-0.4301-0.0446i	-0.1132+0.0025i	0.5287+0.0457i
5.0	1.4001-0.0508i	1.7704-0.0510i	-0.0093+0.0153i	-0.0267+0.0064i	0.3799+0.0435i	-0.4181-0.0498i	-0.1270+0.0053i	0.5308+0.0494i
5.1	1.4922-0.0598i	1.8750-0.0600i	-0.0145+0.0003i	-0.0300+0.0070i	0.3738+0.0459i	-0.4135-0.0495i	-0.1390+0.0061i	0.5312+0.0520i
5.2	1.6073-0.0632i	2.0017-0.0636i	-0.0558+0.0071i	-0.0371+0.0070i	0.3671+0.0487i	-0.4116-0.0482i	-0.1535+0.0076i	0.5347+0.0530i
5.3	1.7247-0.0724i	2.1375-0.0650i	-0.0594+0.0074i	-0.0454+0.0056i	0.3601+0.0537i	-0.4083-0.0533i	-0.1698+0.0079i	0.5399+0.0570i
5.4	1.8257-0.0837i	2.2735-0.0787i	-0.0886+0.0115i	-0.0544+0.0081i	0.3547+0.0629i	-0.4058-0.0554i	-0.1910+0.0113i	0.5480+0.0634i
5.5	1.9354-0.0801i	2.3990-0.0829i	-0.0939+0.0363i	-0.0655+0.0117i	0.3512+0.0735i	-0.4055-0.0566i	-0.2082+0.0144i	0.5565+0.0695i
5.6	2.0612-0.0873i	2.5469-0.0864i	-0.1252+0.0415i	-0.0810+0.0135i	0.3427+0.0793i	-0.4088-0.0567i	-0.2323+0.0165i	0.5637+0.0729i

5.7	2.2006-0.1206i	2.7067-0.1221i	-0.1483+0.0620i	-0.0961+0.0174i	0.3371+0.0901i	-0.4118-0.0575i	-0.2600+0.0266i	0.5780+0.0778i
5.8	2.3289-0.1474i	2.8545-0.1493i	-0.1653+0.0676i	-0.1096+0.0255i	0.3307+0.1054i	-0.4141-0.0629i	-0.2867+0.0373i	0.5884+0.0865i
5.9	2.4480-0.1691i	3.0032-0.1804i	-0.2010+0.1310i	-0.1262+0.0341i	0.3392+0.1255i	-0.4194-0.0601i	-0.3153+0.0515i	0.6118+0.0985i
6.0	2.5666-0.1842i	3.1401-0.1967i	-0.1964+0.1130i	-0.1417+0.0414i	0.3552+0.1324i	-0.4162-0.0542i	-0.3411+0.0604i	0.6400+0.1001i
6.1	2.7326-0.2160i	3.3289-0.2305i	-0.1467+0.1467i	-0.1679+0.0485i	0.3709+0.1380i	-0.4152-0.0569i	-0.3825+0.0735i	0.6768+0.0969i
6.2	2.8542-0.2154i	3.4722-0.2312i	-0.1842+0.1608i	-0.1938+0.0529i	0.3798+0.1342i	-0.4151-0.0593i	-0.4181+0.0782i	0.7032+0.0924i
6.3	3.0093-0.2271i	3.6440-0.2373i	-0.2163+0.1793i	-0.2304+0.0644i	0.3781+0.1403i	-0.4128-0.0604i	-0.4708+0.0912i	0.7266+0.0933i
6.4	3.2245-0.2475i	3.8964-0.2585i	-0.2912+0.2043i	-0.2948+0.0822i	0.3779+0.1472i	-0.4242-0.0559i	-0.5703+0.1129i	0.7757+0.0917i
6.5	3.4012-0.2627i	4.1099-0.2735i	-0.3899+0.2058i	-0.3580+0.1037i	0.3907+0.1533i	-0.4345-0.0596i	-0.6643+0.1398i	0.8299+0.0901i
6.6	3.6374-0.3151i	4.3803-0.3314i	-0.4280+0.2954i	-0.4509+0.1611i	0.3992+0.1614i	-0.4324-0.0490i	-0.7931+0.2146i	0.8958+0.0695i
6.7	3.8274-0.3750i	4.5968-0.4044i	-0.5197+0.3792i	-0.5322+0.2263i	0.4086+0.1622i	-0.4315-0.0409i	-0.9020+0.3017i	0.9552+0.0372i
6.8	4.1386-0.4918i	4.9510-0.5379i	-0.6746+0.5215i	-0.6975+0.3616i	0.4191+0.1619i	-0.4292-0.0386i	-1.1284+0.4726i	1.0605-0.0268i
6.9	4.4806-0.7718i	5.3474-0.8466i	-0.8838+0.7793i	-0.9079+0.6735i	0.4532+0.1798i	-0.4250-0.0349i	-1.4103+0.8668i	1.2018-0.1561i
7.0	4.8385-1.1875i	5.7528-1.3134i	-1.0837+1.2216i	-1.1575+1.2259i	0.4704+0.1969i	-0.4195-0.0301i	-1.7361+1.5731i	1.3481-0.3825i
7.1	4.7063-1.8139i	5.6153-2.0092i	-0.7470+1.8529i	-0.7541+2.0643i	0.5104+0.1612i	-0.4082-0.0291i	-1.2403+2.6253i	1.2339-0.7783i
7.2	3.9586-2.0102i	4.7737-2.2334i	0.3726+2.0622i	0.5962+2.3598i	0.5214+0.0885i	-0.4077-0.0388i	0.4284+3.0000i	0.7015-0.9805i
7.3	3.7179-1.5983i	4.5101-1.7743i	0.8542+1.6914i	1.3251+1.8110i	0.4650+0.0570i	-0.4143-0.0348i	1.3073+2.3161i	0.3846-0.7937i
7.4	3.7237-1.2978i	4.5138-1.4271i	1.0855+1.3356i	1.6084+1.3152i	0.4421+0.0609i	-0.4068-0.0272i	1.6545+1.7107i	0.2560-0.6044i
7.5	4.0178-0.8110i	4.8346-0.8688i	1.0522+0.7921i	1.5905+0.6260i	0.4276+0.0811i	-0.3973-0.0359i	1.6130+0.8484i	0.2737-0.2954i
7.6	4.3571-0.6675i	5.2104-0.7083i	0.8390+0.6136i	1.4262+0.3591i	0.4229+0.0964i	-0.4002-0.0438i	1.3826+0.5197i	0.3759-0.1753i
7.7	4.9267-0.7121i	5.8564-0.7515i	0.4912+0.6349i	1.1679+0.2578i	0.4227+0.1051i	-0.4055-0.0401i	1.0097+0.4174i	0.5521-0.1601i
7.8	5.2703-0.8249i	6.2182-0.8558i	0.3860+0.7147i	1.1183+0.2391i	0.4369+0.1230i	-0.4062-0.0396i	0.9135+0.4259i	0.6271-0.1833i
7.9	5.5078-1.0024i	6.4517-1.0047i	0.4410+0.8134i	1.1275+0.2191i	0.4442+0.1363i	-0.4095-0.0420i	0.9103+0.4362i	0.6506-0.2085i
8.0	5.6774-1.1685i	6.7298-1.0823i	0.4275+0.8691i	1.1445+0.1240i	0.4504+0.1502i	-0.4131-0.0397i	0.9194+0.3427i	0.6777-0.1910i
8.1	5.9518-1.1452i	7.0977-1.1116i	0.4049+0.8754i	1.1532+0.0650i	0.4506+0.1547i	-0.4114-0.0324i	0.9017+0.2970i	0.7156-0.2021i
8.2	6.1623-1.1469i	7.3301-1.1395i	0.3461+0.8658i	1.1853+0.0308i	0.4540+0.1514i	-0.4111-0.0354i	0.9106+0.2612i	0.7356-0.2055i
8.3	6.8418-1.2322i	7.9545-1.1763i	0.2357+0.8736i	1.2113-0.0501i	0.4717+0.1520i	-0.4116-0.0338i	0.8724+0.1732i	0.8437-0.2025i
8.4	7.2220-1.4641i	8.3711-1.3297i	0.1630+0.9567i	1.2229-0.1131i	0.4841+0.1528i	-0.4108-0.0321i	0.8322+0.1339i	0.9315-0.2234i
8.5	7.9620-1.7893i	9.0702-1.5212i	-0.0832+1.0141i	1.2920-0.1854i	0.4889+0.1550i	-0.4100-0.0265i	0.8123+0.1007i	1.0624-0.2762i
8.6	8.0655-2.7132i	9.4137-2.1308i	-0.2279+1.2823i	1.3217-0.2984i	0.5076+0.1550i	-0.4041-0.0220i	0.7942+0.0931i	1.1451-0.4072i
8.7	7.5678-2.9595i	9.4918-2.4329i	-0.3347+1.5994i	1.3601-0.3998i	0.5074+0.1443i	-0.3870-0.0274i	0.8207+0.0651i	1.1972-0.5202i
8.8	7.5399-2.8709i	9.7356-2.5915i	-0.4422+1.9081i	1.3977-0.5161i	0.5186+0.1532i	-0.3792-0.0342i	0.8267+0.0178i	1.2724-0.6295i
8.9	8.1347-2.9952i	10.4111-3.0927i	-0.6638+2.6162i	1.4922-0.7680i	0.5315+0.1633i	-0.3805-0.0401i	0.8350-0.0628i	1.4091-0.8873i
9.0	8.5665-3.5906i	10.8005-3.9280i	-0.4945+3.6054i	1.4802-1.0956i	0.5602+0.1621i	-0.3768-0.0369i	0.8297-0.1427i	1.4194-1.2548i
9.1	8.6023-3.9995i	10.7455-4.4546i	0.1693+4.2086i	1.3460-1.3048i	0.5623+0.1622i	-0.3662-0.0350i	0.8298-0.2169i	1.2187-1.4663i
9.2	8.9059-5.0012i	11.0043-5.5941i	0.4257+5.3670i	1.2819-1.7592i	0.5736+0.1834i	-0.3475-0.0445i	0.8033-0.3975i	1.1949-1.8599i
9.3	7.6638-6.7111i	9.5416-7.4604i	2.5829+7.0678i	0.5513-2.4467i	0.6419+0.1737i	-0.3271-0.0651i	0.5754-0.6080i	0.5184-2.5791i
9.4	5.6362-6.2936i	7.3416-6.9249i	5.3723+6.3789i	-0.4001-2.2529i	0.6716+0.1223i	-0.3200-0.0955i	0.3004-0.5673i	-0.4688-2.4144i
9.5	5.0474-4.6500i	6.7450-5.1299i	6.4878+4.4554i	-0.7991-1.6084i	0.6621+0.0707i	-0.3285-0.1310i	0.1763-0.4076i	-0.8887-1.7736i
9.6	5.3395-3.3593i	7.0847-3.7210i	6.7681+2.9358i	-0.8598-1.0917i	0.6460+0.0483i	-0.3408-0.1532i	0.1415-0.2758i	-0.9687-1.2355i
9.7	6.1836-2.4453i	8.0078-2.7109i	6.5848+1.7080i	-0.7499-0.7006i	0.6299+0.0442i	-0.3610-0.1826i	0.1525-0.1738i	-0.8509-0.8066i
9.8	6.7935-2.1785i	8.6966-2.3900i	6.3251+1.2256i	-0.6465-0.5579i	0.6202+0.0410i	-0.3714-0.1976i	0.1741-0.1377i	-0.7460-0.6493i
9.9	7.6984-1.9538i	9.7666-2.1404i	5.9963+0.7198i	-0.5024-0.4184i	0.6171+0.0386i	-0.3922-0.2121i	0.2003-0.1014i	-0.5970-0.4872i
10.0	8.3064-1.7888i	10.4714-1.9639i	5.8865+0.4800i	-0.4195-0.3396i	0.6228+0.0395i	-0.4098-0.2304i	0.2168-0.0815i	-0.4913-0.4101i
10.1	8.9235-1.6582i	11.1721-1.8462i	5.8668+0.2757i	-0.3471-0.2872i	0.6200+0.0364i	-0.4209-0.2522i	0.2344-0.0701i	-0.4140-0.3531i
10.2	9.8221-1.6615i	12.1977-1.8678i	5.8243+0.0897i	-0.2638-0.2657i	0.6186+0.0362i	-0.4672-0.2626i	0.2537-0.0778i	-0.3228-0.3096i
10.3	10.5213-1.7526i	12.9648-1.9566i	5.7728-0.0621i	-0.2180-0.2679i	0.6261+0.0379i	-0.5029-0.2735i	0.2543-0.0957i	-0.2637-0.2927i
10.4	11.2005-1.8734i	13.7094-2.0526i	5.7710-0.2388i	-0.1899-0.2709i	0.6260+0.0447i	-0.5440-0.2790i	0.2404-0.1165i	-0.2237-0.2655i
10.5	11.6444-1.9771i	14.2290-2.1219i	5.8625-0.3710i	-0.2004-0.2648i	0.6326+0.0432i	-0.5744-0.2743i	0.2151-0.1147i	-0.2010-0.2500i
10.6	12.2431-2.0242i	14.9518-2.1729i	6.0585-0.5106i	-0.1977-0.2233i	0.6442+0.0351i	-0.6072-0.2607i	0.1913-0.0902i	-0.1620-0.2271i
10.7	13.0378-2.2686i	15.8851-2.4002i	6.1997-0.7887i	-0.1715-0.1673i	0.6428+0.0334i	-0.6346-0.2567i	0.1906-0.0608i	-0.1214-0.1985i
10.8	13.8772-2.4618i	16.8434-2.5060i	6.2838-0.9447i	-0.1414-0.1347i	0.6492+0.0287i	-0.6652-0.2320i	0.1980-0.0404i	-0.0846-0.1819i
10.9	14.5553-2.5846i	17.6841-2.5697i	6.4212-1.0669i	-0.1037-0.1168i	0.6551+0.0315i	-0.6902-0.2128i	0.2063-0.0325i	-0.0456-0.1653i
11.0	15.3399-2.7164i	18.6607-2.6872i	6.6993-1.2512i	-0.0758-0.1166i	0.6580+0.0302i	-0.7082-0.1915i	0.2168-0.0265i	-0.0067-0.1632i
11.1	16.3734-2.9485i	19.8391-3.0092i	6.8692-1.6186i	-0.0386-0.1097i	0.6734+0.0332i	-0.7208-0.1625i	0.2233-0.0276i	0.0318-0.1663i
11.2	17.1415-3.2185i	20.7605-3.2903i	7.0152-1.7387i	-0.0163-0.1044i	0.6814+0.0302i	-0.7247-0.1486i	0.2267-0.0266i	0.0533-0.1661i
11.3	18.2908-2.9788i	22.1056-3.1466i	7.2129-1.7899i	-0.0019-0.0823i	0.6925+0.0422i	-0.7336-0.1305i	0.2291-0.0238i	0.0850-0.1536i
11.4	20.0137-3.0963i	23.8665-3.2749i	7.5714-2.1105i	0.0195-0.0664i	0.7204+0.0483i	-0.7523-0.1167i	0.2387-0.0177i	0.1186-0.1560i
11.5	21.3858-3.8068i	25.3283-3.7793i	7.8610-2.3571i	0.0329-0.0519i	0.7376+0.0391i	-0.7643-0.1033i	0.2477-0.0163i	0.1454-0.1602i
11.6	22.6235-4.6886i	26.9753-4.4742i	8.1255-2.7781i	0.0847-0.0382i	0.7531+0.0321i	-0.7618-0.0812i	0.2639-0.0128i	0.1854-0.1644i
11.7	24.0945-5.1647i	28.6688-4.8673i	8.2067-2.9405i	0.1044-0.0373i	0.7749+0.0331i	-0.7624-0.0772i	0.2775-0.0112i	0.2142-0.1723i
11.8	25.8664-6.3009i	30.7152-5.7209i	8.6789-2.8983i	0.1391-0.0385i	0.8050+0.0186i	-0.7652-0.0748i	0.2864-0.0186i	0.2536-0.1824i
11.9	26.8652-7.9971i	32.5278-7.1188i	9.4173-2.9690i	0.1838-0.0727i	0.8229-0.0019i	-0.7710-0.0719i	0.3034-0.0283i	0.3092-0.1966i

12.0	28.1157-8.3098i	34.4436-7.4553i	10.0962-3.0374i	0.1985-0.0794i	0.8345-0.0075i	-0.7847-0.0777i	0.3223-0.0385i	0.3555-0.2112i
12.1	29.9571-10.0247i	37.0951-8.9754i	11.3367-3.6613i	0.2045-0.1019i	0.8483-0.0272i	-0.7991-0.0819i	0.3393-0.0558i	0.4120-0.2538i
12.2	30.8193-11.0709i	39.0047-10.2576i	12.3329-4.5420i	0.2555-0.0898i	0.8539-0.0318i	-0.8069-0.0935i	0.3533-0.0690i	0.4547-0.3090i
12.3	32.1293-11.2437i	41.2099-10.9186i	13.2955-5.0731i	0.2881-0.1067i	0.8704-0.0270i	-0.8224-0.1278i	0.3757-0.0889i	0.4971-0.3648i
12.4	34.4609-12.4149i	44.3120-12.7177i	14.5728-6.1715i	0.2923-0.1190i	0.8934-0.0294i	-0.8573-0.1654i	0.3880-0.1220i	0.5147-0.4681i
12.5	38.1264-14.3711i	48.9494-15.3356i	16.5574-7.9922i	0.3443-0.1675i	0.9277-0.0354i	-0.9246-0.2171i	0.4020-0.1725i	0.5356-0.6179i
12.6	42.3092-16.2375i	54.2130-18.0098i	18.7191-9.7686i	0.3721-0.2183i	0.9810-0.0369i	-1.0352-0.2966i	0.4171-0.2200i	0.5203-0.7863i
12.7	45.8027-18.9451i	58.5379-21.4378i	20.1931-12.1837i	0.3967-0.2044i	1.0230-0.0378i	-1.1909-0.3329i	0.4152-0.2644i	0.4221-0.9109i
12.8	49.6446-22.7293i	63.3386-26.1491i	21.6428-15.0571i	0.4271-0.2148i	1.0683-0.0510i	-1.4040-0.3333i	0.4065-0.3202i	0.2607-1.0098i
12.9	53.8371-27.1160i	68.6178-31.6903i	23.2834-18.4511i	0.4317-0.2327i	1.1248-0.0654i	-1.6473-0.2665i	0.3790-0.3771i	0.0636-1.0362i
13.0	59.6321-33.8526i	75.8225-40.1671i	25.6436-23.3038i	0.4004-0.3351i	1.2121-0.0902i	-1.9469-0.0930i	0.3398-0.4333i	-0.1355-0.9731i
13.1	65.0967-40.8838i	82.6779-48.8825i	28.1753-28.1579i	0.4706-0.3744i	1.2975-0.1208i	-2.1699+0.1035i	0.3046-0.4750i	-0.2383-0.8818i
13.2	72.2690-56.0203i	91.6977-67.5818i	31.6621-39.1702i	0.5209-0.3639i	1.4289-0.2182i	-2.4689+0.5126i	0.2976-0.5373i	-0.3271-0.7639i
13.3	78.7786-72.5860i	99.8427-87.9958i	34.6593-51.6019i	0.6153-0.4388i	1.5547-0.3068i	-2.7513+0.9378i	0.2757-0.6211i	-0.3552-0.6688i
13.4	71.1067-106.8999i	90.5837-130.3923i	25.2278-79.0100i	0.7218-0.5044i	1.6723-0.5601i	-2.7485+1.9441i	0.1762-0.7574i	-0.3820-0.4636i
13.5	49.2757-139.4849i	64.0108-170.8114i	2.5991-103.6305i	0.7659-0.8285i	1.7056-0.8658i	-2.3413+2.9968i	-0.0722-0.9102i	-0.3451-0.3771i
13.6	-1.3153-143.4583i	1.8771-176.3567i	-44.0558-104.3353i	0.4193-0.9548i	1.4499-1.1008i	-0.9266+3.5209i	-0.4229-0.7939i	-0.1857-0.2959i
13.7	-38.8664-127.6277i	-44.5307-157.3231i	-80.4514-87.3532i	0.1732-0.8649i	1.2134-1.1577i	0.2864+3.3797i	-0.6515-0.6162i	-0.1284-0.2418i
13.8	-57.0392-89.6625i	-67.1048-110.8345i	-102.0884-49.6965i	0.2483-0.7534i	1.0928-1.0108i	1.1952+2.4040i	-0.6627-0.3041i	-0.0001-0.2187i
13.9	-53.5470-73.4371i	-62.8437-90.9876i	-104.7956-28.9914i	0.3580-0.6964i	1.1920-0.9829i	1.3074+1.8480i	-0.6351-0.1701i	0.1182-0.2580i
14.0	-44.9329-60.4502i	-52.2691-75.1303i	-105.4909-5.9779i	0.4890-0.7389i	1.3762-1.0556i	1.2865+1.3018i	-0.6151-0.0461i	0.2538-0.3490i
14.1	-37.4859-55.5849i	-43.0530-69.4197i	-108.3753+15.0549i	0.7049-0.8901i	1.5946-1.2687i	1.2722+0.9271i	-0.5804+0.0669i	0.3756-0.5010i
14.2	-30.8813-58.9798i	-35.0887-74.1789i	-100.9512+48.6538i	0.8013-1.3926i	1.6661-1.8700i	1.1358+0.5298i	-0.4887+0.2064i	0.3898-0.8506i
14.3	-33.4996-65.4312i	-38.7621-82.6163i	-79.4648+75.0358i	0.5169-1.8884i	1.3195-2.4720i	0.9342+0.2711i	-0.3845+0.2465i	0.1548-1.1541i
14.4	-44.2363-66.1392i	-52.7586-83.7349i	-41.1776+87.3080i	-0.1882-2.1409i	0.5103-2.7671i	0.6611+0.0869i	-0.2531+0.2337i	-0.3187-1.2394i
14.5	-55.1530-59.9290i	-66.9293-75.8608i	-5.4820+79.2794i	-0.9714-1.9731i	-0.3017-2.5991i	0.4078+0.0448i	-0.2270+0.1957i	-0.7660-1.0718i
14.6	-59.3111-48.2229i	-72.4407-60.9278i	14.3814+58.4350i	-1.5309-1.3634i	-0.7602-2.0843i	0.2363+0.0922i	-0.2961+0.3147i	-0.9632-0.7059i
14.7	-59.4717-39.8940i	-72.7564-50.3258i	20.7808+43.0767i	-1.6149-0.8182i	-0.9227-1.7039i	0.1684+0.1442i	-0.2642+0.4547i	-0.9577-0.4057i
14.8	-57.7873-34.4246i	-70.6771-43.3468i	20.3238+31.7823i	-1.3392-0.4402i	-0.9477-1.4067i	0.1534+0.1878i	-0.1039+0.5162i	-0.8298-0.2277i
14.9	-56.5957-28.8563i	-69.2503-36.2748i	18.9955+22.5013i	-1.0078-0.2019i	-0.9536-1.1281i	0.1584+0.1988i	0.0947+0.5349i	-0.7099-0.1226i
15.0	-54.9142-23.2803i	-67.2159-29.2027i	16.0723+16.2127i	-0.7163-0.1355i	-0.9040-0.8889i	0.1634+0.1715i	0.2903+0.4410i	-0.5762-0.0650i
15.1	-53.2871-18.4963i	-65.1970-23.1572i	14.7222+12.3324i	-0.5631-0.1640i	-0.8731-0.7072i	0.1570+0.1395i	0.3905+0.3130i	-0.5045-0.0366i
15.2	-50.0955-15.1978i	-61.1770-18.9550i	12.4931+9.8046i	-0.5056-0.2394i	-0.7788-0.5741i	0.1351+0.1094i	0.3857+0.1723i	-0.4421-0.0337i
15.3	-47.0131-12.9997i	-57.2894-16.1579i	10.8191+8.0910i	-0.4997-0.2918i	-0.6841-0.4853i	0.1059+0.0887i	0.3343+0.0754i	-0.3947-0.0272i
15.4	-43.7329-11.0792i	-53.1587-13.7254i	9.3222+6.6617i	-0.5079-0.3384i	-0.5872-0.4124i	0.0715+0.0678i	0.2701+0.0037i	-0.3498-0.0244i
15.5	-41.2294-9.1730i	-50.0174-11.3545i	8.2503+5.3181i	-0.5273-0.3431i	-0.5124-0.3441i	0.0412+0.0477i	0.2144-0.0553i	-0.3108-0.0090i
15.6	-39.2716-8.4727i	-47.5439-10.4923i	7.4249+4.5817i	-0.5278-0.3189i	-0.4596-0.3202i	0.0178+0.0420i	0.1725-0.0575i	-0.2865-0.0132i
15.7	-37.5131-7.8879i	-45.3341-9.7654i	6.8037+3.9503i	-0.5338-0.2929i	-0.4151-0.2956i	-0.0065+0.0389i	0.1480-0.0562i	-0.2726-0.0163i
15.8	-35.7471-7.2046i	-43.0866-8.9005i	6.1438+3.3253i	-0.5251-0.2704i	-0.3599-0.2688i	-0.0328+0.0345i	0.1218-0.0593i	-0.2520-0.0146i
15.9	-34.0095-6.7306i	-40.8877-8.3367i	5.5094+2.7723i	-0.5349-0.2404i	-0.3118-0.2597i	-0.0596+0.0371i	0.0894-0.0510i	-0.2246-0.0144i
16.0	-32.6037-6.3482i	-39.1116-7.8755i	5.0532+2.3801i	-0.5239-0.2081i	-0.2728-0.2566i	-0.0823+0.0378i	0.0678-0.0412i	-0.1930-0.0154i
16.1	-31.5066-5.9278i	-37.7395-7.3569i	4.7340+1.9413i	-0.5037-0.1870i	-0.2522-0.2543i	-0.0991+0.0402i	0.0644-0.0405i	-0.1774-0.0203i
16.2	-30.3906-5.6047i	-36.3807-6.9874i	4.3664+1.4628i	-0.4920-0.1969i	-0.2423-0.2492i	-0.1144+0.0503i	0.0452-0.0466i	-0.1666-0.0383i
16.3	-29.2770-5.1983i	-35.0067-6.4836i	3.9337+0.9063i	-0.4990-0.1877i	-0.2308-0.2301i	-0.1309+0.0598i	0.0158-0.0440i	-0.1541-0.0437i
16.4	-28.5364-5.0793i	-34.0787-6.3315i	3.5491+0.5919i	-0.5029-0.1600i	-0.2176-0.2134i	-0.1363+0.0707i	-0.0003-0.0320i	-0.1490-0.0441i
16.5	-27.6090-4.8145i	-32.9189-6.0039i	3.0077+0.2481i	-0.5144-0.1427i	-0.1882-0.1967i	-0.1407+0.0837i	-0.0175-0.0072i	-0.1440-0.0489i
16.6	-26.9227-4.6278i	-32.0578-5.7730i	2.5633+0.1423i	-0.5066-0.1123i	-0.1654-0.1928i	-0.1412+0.0905i	-0.0206+0.0166i	-0.1404-0.0480i
16.7	-26.2902-4.4496i	-31.2784-5.5454i	2.2180+0.0570i	-0.4784-0.0669i	-0.1515-0.1980i	-0.1396+0.0962i	-0.0139+0.0375i	-0.1305-0.0443i
16.8	-25.5335-4.1542i	-30.3494-5.2094i	1.9037+0.0625i	-0.4445-0.0586i	-0.1456-0.1940i	-0.1360+0.0972i	0.0058+0.0426i	-0.1192-0.0496i
16.9	-24.8897-3.7863i	-29.5432-4.7451i	1.7116+0.0288i	-0.4196-0.0667i	-0.1378-0.1832i	-0.1376+0.0967i	0.0127+0.0350i	-0.1191-0.0620i
17.0	-24.2715-3.7695i	-28.7559-4.7526i	1.4859-0.0083i	-0.4213-0.0649i	-0.1203-0.1810i	-0.1339+0.1008i	0.0045+0.0335i	-0.1199-0.0679i
17.1	-23.8041-3.6875i	-28.1775-4.6679i	1.1668-0.0076i	-0.4305-0.0527i	-0.1077-0.1831i	-0.1257+0.0989i	-0.0079+0.0380i	-0.1215-0.0652i
17.2	-23.3000-3.4429i	-27.5400-4.3693i	0.9425+0.1142i	-0.4402-0.0212i	-0.1020-0.1859i	-0.1264+0.0891i	-0.0225+0.0565i	-0.1234-0.0623i
17.3	-22.6532-3.2326i	-26.7441-4.1019i	0.9435+0.1763i	-0.4089+0.0007i	-0.1061-0.1826i	-0.1358+0.0827i	-0.0092+0.0712i	-0.1250-0.0574i
17.4	-22.1926-3.1786i	-26.1712-4.0244i	0.8974+0.1919i	-0.3795+0.0069i	-0.1082-0.1797i	-0.1391+0.0819i	0.0047+0.0766i	-0.1233-0.0564i
17.5	-21.7179-3.0113i	-25.5694-3.8464i	0.8860+0.1131i	-0.3638+0.0131i	-0.1055-0.1745i	-0.1454+0.0814i	0.0114+0.0816i	-0.1191-0.0518i
17.6	-21.2837-2.9811i	-25.0063-3.8398i	0.8669+0.0805i	-0.3474+0.0212i	-0.1040-0.1707i	-0.1513+0.0837i	0.0181+0.0832i	-0.1162-0.0475i
17.7	-20.7906-2.8998i	-24.3901-3.7269i	0.8471+0.0000i	-0.3296+0.0324i	-0.1073-0.1635i	-0.1572+0.0933i	0.0247+0.0862i	-0.1158-0.0428i
17.8	-20.4090-2.8976i	-23.9371-3.7127i	0.7573-0.1458i	-0.3094+0.0412i	-0.1081-0.1507i	-0.1538+0.1074i	0.0306+0.0858i	-0.1114-0.0332i
17.9	-20.0664-2.7886i	-23.5164-3.6213i	0.5583-0.2947i	-0.2828+0.0563i	-0.1078-0.1441i	-0.1422+0.1186i	0.0380+0.0912i	-0.1075-0.0254i
18.0	-19.8370-2.7607i	-23.2299-3.6144i	0.4616-0.3425i	-0.2669+0.0625i	-0.1067-0.1346i	-0.1296+0.1212i	0.0468+0.0945i	-0.1013-0.0183i
18.1	-19.5662-2.6464i	-22.9305-3.4784i	0.3383-0.2727i	-0.2403+0.0391i	-0.1096-0.1204i	-0.1160+0.1113i	0.0585+0.0829i	-0.0933-0.0162i
18.2	-19.2264-2.5212i	-22.5292-3.3046i	0.2244-0.2656i	-0.2261+0.0277i	-0.1062-0.1070i	-0.1107+0.1043i	0.0629+0.0691i	-0.0860-0.0131i

18.3	-18.8199-2.4026i	-22.0418-3.1458i	0.1776-0.2632i	-0.2121-0.0000i	-0.0992-0.0917i	-0.1128+0.0950i	0.0588+0.0521i	-0.0773-0.0131i
18.4	-18.5364-2.2700i	-21.6783-2.9654i	0.1450-0.2444i	-0.2105-0.0240i	-0.0931-0.0780i	-0.1136+0.0878i	0.0551+0.0316i	-0.0715-0.0153i
18.5	-18.1625-2.1822i	-21.1799-2.8562i	0.1018-0.1919i	-0.2399-0.0596i	-0.0775-0.0650i	-0.1196+0.0839i	0.0223+0.0151i	-0.0675-0.0242i
18.6	-17.8743-2.1114i	-20.8200-2.7826i	0.0858-0.2539i	-0.2966-0.0493i	-0.0605-0.0615i	-0.1308+0.0929i	-0.0224+0.0349i	-0.0762-0.0230i
18.7	-17.6349-2.1192i	-20.5062-2.8322i	-0.0187-0.3059i	-0.3069+0.0159i	-0.0456-0.0693i	-0.1252+0.1079i	-0.0273+0.0777i	-0.0764-0.0108i
18.8	-17.3692-2.0665i	-20.1830-2.7704i	-0.1140-0.2352i	-0.2624+0.0514i	-0.0420-0.0720i	-0.1052+0.1042i	-0.0004+0.0997i	-0.0661-0.0008i
18.9	-17.1437-2.0391i	-19.9503-2.6948i	-0.1828-0.1666i	-0.2433+0.0670i	-0.0374-0.0692i	-0.0925+0.0964i	0.0120+0.1056i	-0.0596+0.0076i
19.0	-16.8494-1.9059i	-19.5949-2.5358i	-0.2454-0.1378i	-0.2219+0.0648i	-0.0364-0.0667i	-0.0723+0.0930i	0.0260+0.1078i	-0.0495+0.0069i
19.1	-16.6290-1.8862i	-19.2999-2.5132i	-0.2579-0.1344i	-0.2030+0.0552i	-0.0320-0.0676i	-0.0719+0.0804i	0.0337+0.1090i	-0.0387+0.0051i
19.2	-16.3765-1.8334i	-18.9821-2.4140i	-0.2663-0.0873i	-0.1836+0.0681i	-0.0295-0.0633i	-0.0650+0.0662i	0.0400+0.1107i	-0.0297+0.0117i
19.3	-16.0833-1.7535i	-18.5940-2.2817i	-0.2613-0.0361i	-0.1803+0.0704i	-0.0242-0.0576i	-0.0574+0.0561i	0.0430+0.1066i	-0.0279+0.0090i
19.4	-15.8286-1.6834i	-18.2706-2.1801i	-0.2514-0.0548i	-0.1714+0.0671i	-0.0189-0.0544i	-0.0572+0.0502i	0.0447+0.1081i	-0.0260+0.0111i
19.5	-15.6316-1.6373i	-18.0553-2.1193i	-0.2390-0.0459i	-0.1399+0.0604i	-0.0206-0.0531i	-0.0510+0.0512i	0.0578+0.1067i	-0.0194+0.0116i
19.6	-15.4500-1.6270i	-17.8193-2.0723i	-0.2500-0.0280i	-0.1323+0.0568i	-0.0179-0.0505i	-0.0525+0.0447i	0.0639+0.1045i	-0.0121+0.0135i
19.7	-15.2197-1.6005i	-17.5076-2.0206i	-0.2580-0.0265i	-0.1285+0.0434i	-0.0112-0.0474i	-0.0578+0.0401i	0.0641+0.0946i	0.0009+0.0120i
19.8	-14.9580-1.5777i	-17.1599-1.9930i	-0.2918-0.0248i	-0.1211+0.0247i	-0.0045-0.0432i	-0.0610+0.0420i	0.0615+0.0861i	0.0104+0.0088i
19.9	-14.7577-1.5206i	-16.9153-1.8797i	-0.2505-0.0099i	-0.1136+0.0114i	-0.0064-0.0367i	-0.0566+0.0269i	0.0658+0.0797i	0.0078+0.0100i
20.0	-14.5725-1.4994i	-16.6397-1.8140i	-0.2891-0.0112i	-0.1189+0.0141i	-0.0011-0.0346i	-0.0498+0.0229i	0.0593+0.0792i	0.0113+0.0111i
20.1	-14.3666-1.4754i	-16.3682-1.8226i	-0.2925-0.0429i	-0.0997+0.0151i	0.0013-0.0360i	-0.0464+0.0212i	0.0613+0.0768i	0.0176+0.0068i
20.2	-14.1998-1.4291i	-16.1596-1.7578i	-0.2844-0.0339i	-0.0918+0.0180i	0.0018-0.0361i	-0.0308+0.0081i	0.0635+0.0776i	0.0243+0.0047i
20.3	-14.0512-1.4188i	-15.9663-1.7677i	-0.2630-0.0209i	-0.0878+0.0203i	0.0025-0.0362i	-0.0299-0.0010i	0.0624+0.0819i	0.0281+0.0059i
20.4	-13.8191-1.3650i	-15.6317-1.6954i	-0.2453-0.0045i	-0.0790-0.0009i	0.0022-0.0306i	-0.0258-0.0119i	0.0619+0.0749i	0.0320+0.0062i
20.5	-13.6615-1.3320i	-15.4444-1.6242i	-0.2598-0.0276i	-0.0751-0.0090i	0.0043-0.0271i	-0.0108-0.0149i	0.0670+0.0713i	0.0404+0.0039i
20.6	-13.5748-1.2960i	-15.3447-1.5870i	-0.2441-0.0174i	-0.0588-0.0094i	0.0027-0.0274i	0.0055-0.0177i	0.0770+0.0669i	0.0479+0.0009i
20.7	-13.3281-1.2587i	-15.0091-1.5413i	-0.2506-0.0622i	-0.0623-0.0299i	0.0067-0.0238i	0.0134-0.0143i	0.0712+0.0560i	0.0512+0.0027i
20.8	-13.1779-1.2859i	-14.7930-1.5613i	-0.3004-0.0534i	-0.0744-0.0453i	0.0106-0.0197i	0.0219-0.0180i	0.0620+0.0546i	0.0553+0.0055i
20.9	-12.9874-1.2414i	-14.5499-1.5071i	-0.2971-0.0420i	-0.0727-0.0486i	0.0115-0.0174i	0.0245-0.0546i	0.0580+0.0501i	0.0590-0.0036i
21.0	-12.8518-1.2093i	-14.3713-1.4051i	-0.2907+0.0120i	-0.0676-0.0404i	0.0113-0.0174i	0.0525-0.1151i	0.0597+0.0531i	0.0700-0.0183i
21.1	-12.7205-1.2030i	-14.1543-1.3874i	-0.2876+0.0118i	-0.0709-0.0520i	0.0149-0.0138i	0.0670-0.1253i	0.0547+0.0499i	0.0740-0.0180i
21.2	-12.5693-1.1926i	-13.9106-1.3893i	-0.2987+0.0353i	-0.0763-0.0422i	0.0146-0.0133i	0.0590-0.1306i	0.0522+0.0523i	0.0687-0.0166i
21.3	-12.4137-1.2019i	-13.6781-1.3537i	-0.2978+0.0230i	-0.0824-0.0565i	0.0159-0.0056i	0.0361-0.1608i	0.0421+0.0515i	0.0658-0.0212i
21.4	-12.3029-1.2319i	-13.5421-1.3681i	-0.2820+0.0341i	-0.0891-0.0719i	0.0192-0.0081i	0.0045-0.1788i	0.0382+0.0434i	0.0552-0.0340i
21.5	-12.1610-1.1802i	-13.3548-1.3048i	-0.2958+0.0483i	-0.0866-0.0685i	0.0188-0.0037i	0.0130-0.1967i	0.0429+0.0425i	0.0617-0.0317i
21.6	-12.0006-1.1885i	-13.1624-1.3314i	-0.3089+0.0635i	-0.0858-0.0699i	0.0185+0.0007i	0.0213-0.1998i	0.0423+0.0446i	0.0646-0.0258i
21.7	-11.8690-1.1949i	-12.9435-1.3520i	-0.3164+0.0453i	-0.0793-0.0755i	0.0223-0.0001i	-0.0024-0.1860i	0.0409+0.0451i	0.0556-0.0251i
21.8	-11.6984-1.1610i	-12.6953-1.2721i	-0.2832+0.0085i	-0.0755-0.0774i	0.0219+0.0066i	-0.0130-0.2106i	0.0416+0.0408i	0.0557-0.0248i
21.9	-11.5821-1.1293i	-12.5416-1.2152i	-0.2719-0.0013i	-0.0694-0.0800i	0.0215+0.0108i	-0.0143-0.2216i	0.0446+0.0358i	0.0579-0.0246i
22.0	-11.4476-1.0888i	-12.3862-1.1641i	-0.2755+0.0045i	-0.0648-0.0994i	0.0196+0.0124i	0.0134-0.2167i	0.0410+0.0327i	0.0582-0.0183i
22.1	-11.3177-1.0809i	-12.1715-1.1443i	-0.2941+0.0302i	-0.0802-0.1041i	0.0199+0.0148i	0.0448-0.2506i	0.0368+0.0297i	0.0623-0.0187i
22.2	-11.1929-1.1149i	-11.9621-1.1502i	-0.2878+0.0276i	-0.0996-0.1002i	0.0209+0.0218i	0.0571-0.3001i	0.0335+0.0256i	0.0630-0.0163i
22.3	-11.0932-1.0910i	-11.8191-1.0904i	-0.2557+0.0335i	-0.0900-0.0974i	0.0222+0.0290i	0.0431-0.3311i	0.0319+0.0231i	0.0643-0.0111i
22.4	-10.9981-1.0880i	-11.6306-1.1121i	-0.2399+0.0619i	-0.0876-0.1158i	0.0286+0.0321i	0.0095-0.3786i	0.0279+0.0153i	0.0679-0.0151i
22.5	-10.8630-1.1028i	-11.4752-1.1224i	-0.2499+0.0536i	-0.0977-0.1183i	0.0279+0.0357i	0.0277-0.4458i	0.0245+0.0162i	0.0758-0.0127i
22.6	-10.6966-1.0924i	-11.2343-1.0363i	-0.2029+0.0580i	-0.1123-0.1326i	0.0276+0.0442i	0.0529-0.5485i	0.0193+0.0082i	0.0816-0.0069i
22.7	-10.5918-1.1000i	-11.0682-1.0075i	-0.2177+0.0711i	-0.1198-0.1417i	0.0301+0.0505i	0.0178-0.6290i	0.0113+0.0009i	0.0829-0.0013i
22.8	-10.4983-1.0774i	-10.9219-1.0011i	-0.1840+0.0904i	-0.1219-0.1442i	0.0314+0.0542i	-0.0717-0.6773i	0.0039+0.0011i	0.0856-0.0046i
22.9	-10.4067-1.1042i	-10.7434-1.0084i	-0.1532+0.0901i	-0.1330-0.1393i	0.0403+0.0554i	-0.2049-0.6907i	-0.0027+0.0045i	0.0890-0.0084i
23.0	-10.3247-1.1141i	-10.5689-1.0510i	-0.1420+0.1022i	-0.1355-0.1158i	0.0494+0.0541i	-0.3484-0.6538i	-0.0102+0.0120i	0.0915-0.0086i
23.1	-10.1965-1.0936i	-10.3489-1.0641i	-0.1124+0.0853i	-0.1553-0.1194i	0.0563+0.0594i	-0.4395-0.6673i	-0.0197+0.0135i	0.0945-0.0034i
23.2	-10.0897-1.0740i	-10.1606-1.0243i	-0.0834+0.0554i	-0.1639-0.1367i	0.0580+0.0622i	-0.5002-0.6386i	-0.0246+0.0157i	0.0968-0.0010i
23.3	-10.0135-1.0564i	-9.9883-0.9670i	-0.0832+0.0417i	-0.1734-0.1258i	0.0629+0.0657i	-0.5714-0.5934i	-0.0291+0.0117i	0.1024-0.0024i
23.4	-9.9521-1.0595i	-9.8628-1.0055i	-0.1089+0.0201i	-0.1671-0.1080i	0.0693+0.0598i	-0.6056-0.4762i	-0.0309+0.0163i	0.1025-0.0047i
23.5	-9.8156-1.0411i	-9.6707-1.0244i	-0.0673-0.0117i	-0.1786-0.1197i	0.0695+0.0601i	-0.6308-0.4265i	-0.0356+0.0191i	0.1091-0.0045i
23.6	-9.7261-1.0132i	-9.5164-0.9569i	-0.0352-0.0039i	-0.1844-0.1302i	0.0707+0.0621i	-0.6272-0.3820i	-0.0336+0.0162i	0.1132-0.0015i
23.7	-9.5993-1.0049i	-9.3585-0.9433i	-0.0726-0.0039i	-0.1755-0.1151i	0.0702+0.0623i	-0.6052-0.3450i	-0.0368+0.0178i	0.1174+0.0029i
23.8	-9.4771-0.9562i	-9.1837-0.9734i	-0.0564-0.0058i	-0.1824-0.1007i	0.0737+0.0616i	-0.6197-0.3048i	-0.0445+0.0221i	0.1217-0.0001i
23.9	-9.3884-0.8967i	-9.0354-0.9325i	-0.0826+0.0182i	-0.1882-0.1090i	0.0778+0.0609i	-0.5928-0.2661i	-0.0455+0.0167i	0.1276-0.0022i
24.0	-9.2507-0.9251i	-8.8606-0.9423i	-0.1172-0.0100i	-0.1915-0.1056i	0.0773+0.0632i	-0.5886-0.2537i	-0.0477+0.0189i	0.1295-0.0003i
24.1	-9.1463-0.9725i	-8.6962-0.9324i	-0.1099-0.0053i	-0.1941-0.1060i	0.0782+0.0620i	-0.5785-0.2092i	-0.0502+0.0166i	0.1323+0.0014i
24.2	-9.1197-1.0053i	-8.5709-0.9356i	-0.1099-0.0029i	-0.2002-0.1132i	0.0804+0.0649i	-0.5748-0.1815i	-0.0490+0.0150i	0.1428+0.0022i
24.3	-9.0197-0.9416i	-8.3836-0.9466i	-0.0692-0.0132i	-0.2078-0.1204i	0.0798+0.0664i	-0.5585-0.1741i	-0.0571+0.0182i	0.1451+0.0021i
24.4	-8.9102-0.9141i	-8.2250-0.9181i	-0.0374+0.0131i	-0.2091-0.1093i	0.0774+0.0662i	-0.5477-0.1545i	-0.0613+0.0205i	0.1530-0.0003i
24.5	-8.8400-0.9582i	-8.1124-0.8992i	-0.0412-0.0227i	-0.2173-0.1109i	0.0761+0.0695i	-0.5286-0.1401i	-0.0629+0.0154i	0.1535-0.0002i

24.6	-8.7285-0.9039i	-7.9516-0.8812i	-0.0352-0.0040i	-0.2340-0.1005i	0.0816+0.0674i	-0.5227-0.1409i	-0.0732+0.0125i	0.1530-0.0016i
24.7	-8.6234-0.8975i	-7.8027-0.9015i	-0.0322+0.0414i	-0.2227-0.0969i	0.0803+0.0660i	-0.5077-0.1330i	-0.0791+0.0161i	0.1573-0.0030i
24.8	-8.5580-0.9229i	-7.6322-0.8761i	-0.0168+0.0390i	-0.2336-0.1016i	0.0821+0.0671i	-0.5007-0.1254i	-0.0854+0.0154i	0.1629-0.0048i
24.9	-8.4481-0.9804i	-7.4389-0.8595i	-0.0127+0.0284i	-0.2407-0.0940i	0.0838+0.0684i	-0.4885-0.1153i	-0.0883+0.0148i	0.1694-0.0009i
25.0	-8.3368-0.9960i	-7.2768-0.8477i	0.0029-0.0058i	-0.2371-0.0952i	0.0809+0.0694i	-0.4770-0.1129i	-0.0929+0.0091i	0.1729-0.0011i
25.1	-8.2599-0.9862i	-7.1093-0.8679i	0.0449+0.0087i	-0.2381-0.1049i	0.0861+0.0718i	-0.4751-0.1082i	-0.0974+0.0066i	0.1765-0.0098i
25.2	-8.1754-0.9492i	-6.9195-0.8210i	0.0570+0.0354i	-0.2454-0.0997i	0.0876+0.0714i	-0.4697-0.1146i	-0.1040+0.0088i	0.1816-0.0067i
25.3	-8.1431-0.9664i	-6.7810-0.7958i	0.0525+0.0314i	-0.2631-0.0991i	0.0848+0.0727i	-0.4591-0.1171i	-0.1105+0.0069i	0.1871-0.0050i
25.4	-8.0733-1.0171i	-6.6280-0.8056i	0.0503+0.0251i	-0.2659-0.0987i	0.0856+0.0742i	-0.4518-0.1072i	-0.1133+0.0007i	0.1942-0.0085i
25.5	-7.9566-0.9997i	-6.4502-0.8299i	0.0942+0.0406i	-0.2669-0.0946i	0.0888+0.0768i	-0.4385-0.1084i	-0.1232+0.0006i	0.1953-0.0111i
25.6	-7.7922-0.9803i	-6.2566-0.8211i	0.1087+0.0259i	-0.2746-0.0942i	0.0900+0.0760i	-0.4294-0.1067i	-0.1334-0.0058i	0.2012-0.0077i
25.7	-7.7234-0.9806i	-6.1058-0.7643i	0.0780+0.0765i	-0.2877-0.1044i	0.0888+0.0741i	-0.4250-0.1116i	-0.1462-0.0129i	0.2074-0.0073i
25.8	-7.6381-0.9549i	-5.9469-0.7742i	0.1095+0.0628i	-0.2990-0.1010i	0.0875+0.0775i	-0.4129-0.1125i	-0.1578-0.0142i	0.2109-0.0125i
25.9	-7.5568-1.0618i	-5.7661-0.7798i	0.1674+0.0229i	-0.3266-0.1023i	0.0904+0.0813i	-0.4051-0.1139i	-0.1744-0.0181i	0.2149-0.0122i
26.0	-7.4722-1.0985i	-5.6018-0.7804i	0.1762+0.0262i	-0.3362-0.0936i	0.0910+0.0805i	-0.3931-0.1193i	-0.1868-0.0121i	0.2182-0.0146i
26.1	-7.3964-1.0570i	-5.4224-0.7460i	0.2141+0.0452i	-0.3515-0.0815i	0.0940+0.0792i	-0.3840-0.1291i	-0.2038-0.0079i	0.2219-0.0144i
26.2	-7.3833-1.0358i	-5.2596-0.7508i	0.2345+0.0762i	-0.3797-0.0660i	0.0953+0.0771i	-0.3708-0.1373i	-0.2271-0.0007i	0.2285-0.0173i
26.3	-7.3156-1.0102i	-5.0431-0.7484i	0.2420+0.0488i	-0.3943-0.0517i	0.0910+0.0758i	-0.3564-0.1424i	-0.2473+0.0103i	0.2360-0.0201i
26.4	-7.1822-1.0825i	-4.8537-0.7908i	0.2617+0.0468i	-0.4061-0.0354i	0.0886+0.0789i	-0.3455-0.1497i	-0.2610+0.0183i	0.2406-0.0216i
26.5	-7.1022-1.1941i	-4.6814-0.8098i	0.2884+0.0391i	-0.4114-0.0136i	0.0880+0.0825i	-0.3303-0.1718i	-0.2753+0.0303i	0.2456-0.0241i
26.6	-6.9538-1.2727i	-4.4695-0.8418i	0.3529+0.0244i	-0.4085+0.0043i	0.0877+0.0848i	-0.3163-0.1957i	-0.2827+0.0394i	0.2436-0.0246i
26.7	-6.8882-1.2844i	-4.3127-0.8158i	0.3669-0.0066i	-0.4271+0.0084i	0.0899+0.0866i	-0.3035-0.2109i	-0.2933+0.0547i	0.2447-0.0256i
26.8	-6.9404-1.2952i	-4.1476-0.8430i	0.3821-0.0039i	-0.4311+0.0165i	0.0860+0.0874i	-0.2935-0.2385i	-0.3009+0.0712i	0.2498-0.0281i
26.9	-6.8095-1.2828i	-3.9538-0.8721i	0.4443-0.0008i	-0.4425+0.0420i	0.0814+0.0883i	-0.2795-0.2743i	-0.3103+0.0827i	0.2515-0.0242i
27.0	-6.6570-1.3950i	-3.7456-0.9539i	0.4996-0.0147i	-0.4495+0.0579i	0.0837+0.0897i	-0.2661-0.3219i	-0.3155+0.0939i	0.2555-0.0206i
27.1	-6.6663-1.5243i	-3.5904-0.9526i	0.4973-0.0157i	-0.4462+0.0891i	0.0866+0.0915i	-0.2619-0.3908i	-0.3216+0.1057i	0.2607-0.0156i
27.2	-6.6808-1.5695i	-3.4050-0.9628i	0.5101-0.0329i	-0.4361+0.1369i	0.0808+0.0942i	-0.3014-0.4613i	-0.3233+0.1329i	0.2696-0.0124i
27.3	-6.7215-1.6256i	-3.2491-1.0146i	0.5324-0.0548i	-0.4049+0.1383i	0.0816+0.0972i	-0.3630-0.5176i	-0.3150+0.1484i	0.2767-0.0120i
27.4	-6.8526-1.6353i	-3.1763-1.0456i	0.5531-0.0948i	-0.3861+0.1576i	0.0847+0.0960i	-0.4308-0.5651i	-0.3076+0.1504i	0.2840-0.0092i
27.5	-6.8703-1.6768i	-3.0094-1.0347i	0.6041-0.0940i	-0.3772+0.1522i	0.0859+0.0976i	-0.5068-0.6031i	-0.3071+0.1522i	0.2889-0.0019i
27.6	-6.9163-1.7157i	-2.8908-1.0558i	0.6234-0.1316i	-0.3726+0.1532i	0.0829+0.0985i	-0.5799-0.5975i	-0.3092+0.1594i	0.2975+0.0028i
27.7	-6.9857-1.6659i	-2.7234-1.0958i	0.6288-0.1247i	-0.3594+0.1742i	0.0786+0.0977i	-0.6646-0.5696i	-0.3074+0.1697i	0.3113-0.0011i
27.8	-6.9387-1.5139i	-2.5760-1.0528i	0.6678-0.1542i	-0.3537+0.1733i	0.0815+0.0984i	-0.7388-0.5388i	-0.2999+0.1708i	0.3241-0.0030i
27.9	-7.0523-1.6229i	-2.4708-1.0815i	0.6414-0.1461i	-0.3520+0.1547i	0.0798+0.0954i	-0.7950-0.4795i	-0.2981+0.1613i	0.3376-0.0051i
28.0	-6.9923-1.5144i	-2.2439-1.0324i	0.6734-0.1947i	-0.3201+0.1219i	0.0731+0.0980i	-0.8190-0.4290i	-0.3025+0.1564i	0.3441-0.0052i
28.1	-6.8484-1.3881i	-2.0082-0.9546i	0.7153-0.1675i	-0.3613+0.1155i	0.0709+0.0986i	-0.8128-0.3895i	-0.3151+0.1516i	0.3537-0.0091i
28.2	-6.8690-1.3441i	-1.8921-0.9496i	0.6736-0.1800i	-0.3758+0.1003i	0.0682+0.1002i	-0.8268-0.3487i	-0.3285+0.1450i	0.3661-0.0111i
28.3	-6.7412-1.2759i	-1.6569-0.9543i	0.7196-0.1987i	-0.3725+0.1294i	0.0623+0.1009i	-0.8384-0.3097i	-0.3487+0.1498i	0.3784-0.0167i
28.4	-6.5234-1.3693i	-1.3538-0.9292i	0.7786-0.2050i	-0.3901+0.1384i	0.0608+0.1051i	-0.8346-0.2820i	-0.3709+0.1647i	0.3930-0.0209i
28.5	-6.5574-1.3047i	-1.2021-0.9335i	0.8729-0.2021i	-0.3906+0.1268i	0.0578+0.1097i	-0.8293-0.2565i	-0.3745+0.1732i	0.4040-0.0260i
28.6	-6.6095-1.1582i	-0.9643-0.7920i	0.9194-0.1122i	-0.4178+0.1563i	0.0500+0.1136i	-0.8225-0.2438i	-0.4011+0.1799i	0.4238-0.0273i
28.7	-6.6189-1.0291i	-0.7773-0.7792i	0.9341-0.1221i	-0.4299+0.1781i	0.0448+0.1160i	-0.8189-0.2197i	-0.4127+0.1911i	0.4340-0.0328i
28.8	-6.5174-1.1378i	-0.4903-0.8447i	0.9594-0.1281i	-0.4384+0.1903i	0.0428+0.1197i	-0.8135-0.1988i	-0.4249+0.2052i	0.4472-0.0430i
28.9	-6.4829-1.1503i	-0.3354-0.8335i	0.9686-0.1453i	-0.4585+0.2155i	0.0397+0.1206i	-0.8039-0.1906i	-0.4375+0.2132i	0.4603-0.0431i
29.0	-6.2369-1.0728i	0.0519-0.7296i	1.0847-0.1028i	-0.4702+0.1993i	0.0350+0.1309i	-0.8058-0.1866i	-0.4525+0.2285i	0.4713-0.0507i
29.1	-6.2284-1.1086i	0.3295-0.7950i	1.1553-0.1176i	-0.4652+0.2024i	0.0328+0.1365i	-0.8051-0.1735i	-0.4563+0.2515i	0.4809-0.0641i
29.2	-6.1558-1.1356i	0.4689-0.8308i	1.1384-0.1621i	-0.4512+0.2248i	0.0312+0.1337i	-0.7940-0.1702i	-0.4544+0.2654i	0.4857-0.0702i
29.3	-5.9529-0.9762i	0.7301-0.7771i	1.1925-0.1918i	-0.4558+0.2520i	0.0244+0.1400i	-0.7801-0.1612i	-0.4669+0.2797i	0.5026-0.0762i
29.4	-6.0388-1.1892i	1.0356-0.9040i	1.2497-0.2598i	-0.4883+0.2739i	0.0137+0.1462i	-0.7895-0.1556i	-0.4960+0.3046i	0.5280-0.0853i
29.5	-6.1004-1.2000i	1.3788-0.9974i	1.3342-0.2918i	-0.5021+0.2873i	0.0114+0.1514i	-0.7793-0.1491i	-0.4984+0.3210i	0.5402-0.0970i
29.6	-5.9739-1.4089i	1.5833-1.1790i	1.4183-0.3361i	-0.4757+0.2574i	0.0241+0.1573i	-0.7692-0.1460i	-0.4688+0.3315i	0.5349-0.1119i
29.7	-5.8728-1.4555i	1.8645-1.1537i	1.5000-0.3070i	-0.4694+0.2861i	0.0252+0.1663i	-0.7637-0.1526i	-0.4575+0.3514i	0.5377-0.1257i
29.8	-5.8291-1.2429i	2.2425-1.0802i	1.5993-0.3091i	-0.4745+0.3263i	0.0187+0.1715i	-0.7668-0.1580i	-0.4693+0.3709i	0.5529-0.1398i
29.9	-5.8128-1.2572i	2.4190-1.1222i	1.6290-0.3226i	-0.4803+0.3357i	0.0087+0.1733i	-0.7621-0.1577i	-0.4822+0.3895i	0.5635-0.1488i
30.0	-5.8121-1.2058i	2.6556-0.9999i	1.6606-0.2927i	-0.4605+0.3683i	-0.0043+0.1876i	-0.7515-0.1629i	-0.4902+0.4050i	0.5789-0.1669i
30.1	-5.6388-1.3170i	3.2040-1.1169i	1.8297-0.3529i	-0.4579+0.3618i	-0.0002+0.1902i	-0.7587-0.1756i	-0.4869+0.3980i	0.5817-0.1753i
30.2	-5.7436-1.4984i	3.5646-1.3425i	1.9344-0.4384i	-0.4936+0.3559i	-0.0009+0.1997i	-0.7642-0.1742i	-0.4971+0.4157i	0.5836-0.1911i
30.3	-5.9060-1.7360i	3.7857-1.6022i	2.0088-0.5704i	-0.5237+0.3633i	-0.0081+0.2080i	-0.7485-0.1789i	-0.5072+0.4265i	0.5886-0.1981i
30.4	-5.5688-1.4629i	4.3341-1.4431i	2.2275-0.5201i	-0.5203+0.3823i	-0.0010+0.2314i	-0.7533-0.2204i	-0.5168+0.4490i	0.5958-0.2057i
30.5	-5.7150-1.6743i	4.9068-1.4669i	2.4148-0.5675i	-0.5200+0.4287i	0.0113+0.2545i	-0.7725-0.2557i	-0.5190+0.4982i	0.6036-0.2225i
30.6	-5.8615-1.8623i	5.2606-1.7377i	2.5176-0.6939i	-0.4981+0.4325i	0.0240+0.2530i	-0.7867-0.2661i	-0.4978+0.5195i	0.6098-0.2290i
30.7	-5.8064-2.1032i	5.3451-1.8110i	2.5328-0.6939i	-0.4788+0.4390i	0.0377+0.2418i	-0.7918-0.3043i	-0.4589+0.5155i	0.6056-0.2281i
30.8	-5.5582-2.3682i	5.7762-1.9523i	2.7104-0.7709i	-0.4649+0.4522i	0.0466+0.2353i	-0.8061-0.3541i	-0.4420+0.5095i	0.6081-0.2322i

30.9	-5.2342-2.8716i	6.4466-2.4759i	2.9328-0.9927i	-0.4491+0.4144i	0.0492+0.2262i	-0.8444-0.3625i	-0.4391+0.4944i	0.6175-0.2394i
31.0	-4.8021-2.9713i	7.0316-2.8052i	3.0869-1.2158i	-0.3970+0.3918i	0.0465+0.2140i	-0.8866-0.3862i	-0.4421+0.4823i	0.6289-0.2452i
31.1	-4.9542-3.5819i	7.4466-3.0891i	3.2261-1.3880i	-0.4266+0.3814i	0.0389+0.2078i	-0.9262-0.4361i	-0.4416+0.4730i	0.6423-0.2518i
31.2	-5.6460-3.8271i	7.7200-3.4146i	3.2854-1.5513i	-0.4934+0.3553i	0.0294+0.2025i	-0.9781-0.4756i	-0.4542+0.4615i	0.6611-0.2558i
31.3	-5.4764-3.3616i	8.2265-3.1793i	3.4610-1.4615i	-0.5246+0.3479i	0.0184+0.1951i	-1.0473-0.5294i	-0.4892+0.4331i	0.6685-0.2512i
31.4	-5.7643-3.9004i	8.6578-3.7362i	3.6088-1.7257i	-0.5731+0.3581i	0.0052+0.1914i	-1.1443-0.5425i	-0.5188+0.4427i	0.6830-0.2586i
31.5	-5.9352-4.8647i	9.1708-4.5857i	3.7435-2.1643i	-0.6175+0.3551i	-0.0121+0.1861i	-1.2780-0.5384i	-0.5601+0.4591i	0.7071-0.2690i
31.6	-5.3220-5.3224i	9.8948-4.9156i	3.9654-2.3461i	-0.6282+0.3438i	-0.0348+0.1766i	-1.3745-0.5304i	-0.6090+0.4632i	0.7315-0.2687i
31.7	-5.5296-5.6621i	10.2701-5.6333i	3.9783-2.7215i	-0.6743+0.3753i	-0.0545+0.1707i	-1.5361-0.4725i	-0.6436+0.4741i	0.7489-0.2752i
31.8	-6.2834-6.0031i	10.8399-6.3561i	4.1597-3.0816i	-0.7421+0.4172i	-0.0765+0.1764i	-1.6725-0.4118i	-0.6890+0.5199i	0.7766-0.2957i
31.9	-6.9277-7.1198i	11.2631-7.0861i	4.2696-3.4114i	-0.8144+0.4334i	-0.1069+0.1842i	-1.7640-0.3377i	-0.7363+0.5568i	0.8067-0.3043i
32.0	-9.1407-7.4800i	10.0146-7.5217i	3.6512-3.6326i	-0.8695+0.4804i	-0.1389+0.1798i	-1.7702-0.1813i	-0.7427+0.5724i	0.8234-0.2962i
32.1	-9.1236-7.8720i	10.3553-8.1306i	3.7152-3.9463i	-0.8762+0.5262i	-0.1747+0.1860i	-1.8711-0.0211i	-0.7852+0.5963i	0.8600-0.3001i
32.2	-8.8153-9.2391i	11.5624-9.3195i	4.0787-4.4976i	-0.9171+0.5604i	-0.2126+0.2148i	-2.0161+0.0929i	-0.8391+0.6741i	0.9002-0.3327i
32.3	-10.0727-9.9337i	11.5677-10.1012i	3.9305-4.8315i	-0.9435+0.5975i	-0.2404+0.2385i	-2.0172+0.1965i	-0.8537+0.7353i	0.9301-0.3503i
32.4	-10.0848-10.2349i	12.5792-10.6733i	4.1870-5.0957i	-0.9484+0.6558i	-0.2792+0.2766i	-2.0568+0.3169i	-0.8856+0.8091i	0.9823-0.3669i
32.5	-11.4878-11.5533i	12.2103-12.0644i	3.8977-5.6746i	-0.9384+0.6916i	-0.3104+0.3150i	-2.0258+0.5129i	-0.8811+0.8645i	1.0318-0.3875i
32.6	-12.9754-11.5751i	12.3841-12.7230i	3.8629-5.9330i	-0.9743+0.7379i	-0.3345+0.3544i	-2.0609+0.6666i	-0.8896+0.9202i	1.0887-0.4104i
32.7	-16.0552-10.9718i	11.2834-12.3899i	3.3180-5.7168i	-1.0769+0.7677i	-0.3671+0.3900i	-2.0072+0.7446i	-0.9171+0.9370i	1.1600-0.4221i
32.8	-17.5521-12.0321i	11.0408-13.6667i	3.0245-6.2264i	-1.0873+0.8196i	-0.3891+0.4386i	-1.9049+0.8600i	-0.9204+1.0146i	1.2343-0.4854i
32.9	-18.1223-11.8550i	11.7242-14.1174i	3.1730-6.4332i	-1.0827+0.8913i	-0.4107+0.4847i	-1.8861+1.0081i	-0.9318+1.0868i	1.3201-0.5417i
33.0	-21.0597-12.2215i	11.2992-14.1206i	2.9392-6.3679i	-1.1680+0.8771i	-0.4401+0.5341i	-1.8422+1.0910i	-0.9488+1.1173i	1.4041-0.6103i
33.1	-22.5897-13.8493i	11.8753-15.5384i	3.0922-6.8150i	-1.1931+0.8564i	-0.4547+0.6080i	-1.7937+1.2044i	-0.9487+1.1973i	1.4837-0.7332i
33.2	-27.8031-15.2425i	10.2192-17.9657i	2.3521-7.5713i	-1.2892+0.8224i	-0.4400+0.6810i	-1.5730+1.3562i	-0.9084+1.2574i	1.4981-0.8978i
33.3	-30.7641-14.7999i	9.5839-18.4190i	2.0034-7.7517i	-1.4217+0.8548i	-0.4590+0.7223i	-1.4526+1.4147i	-0.9495+1.2738i	1.5382-0.9794i
33.4	-38.3767-15.1373i	6.8687-19.0488i	1.0063-7.9245i	-1.7093+0.8897i	-0.4811+0.7742i	-1.2718+1.3996i	-1.0185+1.3136i	1.5615-1.0685i
33.5	-43.0681-16.5956i	7.0683-20.8658i	1.1581-8.4886i	-1.9644+0.9309i	-0.5025+0.8789i	-1.1826+1.4590i	-1.1003+1.4416i	1.6377-1.2325i
33.6	-48.8339-14.7564i	7.3840-21.6044i	1.4105-8.7474i	-2.2297+1.1334i	-0.5234+0.9969i	-1.1649+1.4916i	-1.1813+1.6295i	1.7121-1.4374i
33.7	-60.2733-13.2832i	4.1072-23.3065i	0.2512-9.3167i	-2.6221+1.3619i	-0.4858+1.1064i	-1.0578+1.5398i	-1.2007+1.8489i	1.6800-1.6638i
33.8	-73.2905-5.9907i	-0.1316-22.1017i	-1.1670-8.8430i	-3.0269+1.7942i	-0.4513+1.1903i	-0.9635+1.4778i	-1.1932+2.0674i	1.6373-1.8431i
33.9	-87.6015+7.5745i	-3.7877-18.2873i	-2.2203-7.5004i	-3.4657+2.4811i	-0.4451+1.3009i	-0.9307+1.3915i	-1.1712+2.3385i	1.6153-2.0410i
34.0	-95.8468+24.7498i	-2.4010-15.1316i	-1.3265-6.6926i	-3.7007+3.3522i	-0.4537+1.4916i	-1.0154+1.5298i	-1.1545+2.6861i	1.6516-2.3768i
34.1	-97.2258+46.8566i	0.1366-13.6378i	-0.1616-6.7307i	-3.5326+4.4121i	-0.3568+1.7186i	-0.9749+1.7664i	-0.9214+3.0805i	1.4905-2.7763i
34.2	-95.1809+68.1276i	2.0571-13.0090i	0.5714-7.0292i	-3.1895+5.3839i	-0.2128+1.9297i	-0.8358+1.9349i	-0.6384+3.4136i	1.2586-3.1229i
34.3	-83.6805+98.6782i	4.1893-14.1880i	1.2933-8.4427i	-2.2421+6.6756i	0.1455+2.1940i	-0.4930+2.1088i	0.0094+3.7883i	0.6991-3.5512i
34.4	-65.1590+124.6836i	4.9307-18.8887i	1.1658-11.2047i	-0.9179+7.7712i	0.6824+2.3693i	-0.0769+2.2381i	0.8675+4.0753i	-0.1062-3.8959i
34.5	-27.2541+135.3657i	4.9407-22.6880i	0.1901-13.4451i	1.0181+7.8538i	1.2343+2.1772i	0.2973+2.1175i	1.7025+3.7559i	-0.9555-3.6877i
34.6	4.7668+135.9148i	3.8013-25.0287i	-1.3216-14.7605i	2.5812+7.5523i	1.6256+1.8976i	0.5569+1.9178i	2.3091+3.3307i	-1.5826-3.3157i
34.7	41.9377+118.0755i	-0.7070-24.8383i	-4.6163-14.4927i	4.1973+6.1511i	1.8250+1.2246i	0.7760+1.4723i	2.7124+2.3416i	-2.0327-2.3740i
34.8	55.4701+97.8750i	-5.1358-24.1264i	-7.2401-13.6455i	4.7434+4.8666i	1.7669+0.7453i	0.8677+1.1750i	2.7341+1.6284i	-2.0704-1.6888i
34.9	59.4173+79.4667i	-6.6126-22.4218i	-8.2425-12.3074i	4.7014+3.8408i	1.5504+0.4900i	0.7761+0.9541i	2.4803+1.1858i	-1.8411-1.2713i
35.0	63.5138+64.0062i	-8.0072-21.0882i	-9.2662-11.1840i	4.7268+2.9867i	1.3685+0.2809i	0.7417+0.7541i	2.3026+0.8195i	-1.6673-0.9268i
35.1	60.8028+51.2268i	-9.1364-19.1808i	-9.8540-9.8508i	4.3933+2.2920i	1.1358+0.1818i	0.6532+0.6123i	2.0073+0.5673i	-1.3957-0.7017i
35.2	59.1072+41.4882i	-10.0099-16.5655i	-10.2521-8.3248i	4.1325+1.7349i	0.9273+0.1102i	0.5694+0.4757i	1.7343+0.3571i	-1.1381-0.5119i
35.3	55.8263+34.0626i	-11.0767-15.1340i	-10.6809-7.4054i	3.8473+1.3477i	0.7792+0.0834i	0.5294+0.3959i	1.5258+0.2336i	-0.9481-0.3951i
35.4	53.0161+27.8234i	-10.9369-13.9477i	-10.5941-6.6458i	3.5735+1.0428i	0.6571+0.0953i	0.4549+0.3328i	1.3270+0.1673i	-0.7704-0.3473i
35.5	50.3233+21.6684i	-9.8021-12.4974i	-10.1525-5.7849i	3.2726+0.8132i	0.5310+0.1563i	0.3572+0.2825i	1.0940+0.1890i	-0.5683-0.3630i
35.6	48.2240+18.5826i	-10.1528-11.1188i	-10.3050-5.0439i	3.0731+0.6775i	0.4445+0.1709i	0.3323+0.2319i	0.9489+0.1618i	-0.4428-0.3431i
35.7	46.1661+16.0235i	-9.5796-9.0137i	-10.1037-4.0179i	2.8403+0.5455i	0.3529+0.2092i	0.2590+0.1517i	0.7850+0.1540i	-0.2971-0.3521i
35.8	42.9896+14.2730i	-8.4887-8.1807i	-9.6688-3.5974i	2.6223+0.5494i	0.2985+0.2759i	0.2041+0.1325i	0.6778+0.2323i	-0.1881-0.4049i
35.9	40.3011+12.0624i	-7.7777-7.1134i	-9.3672-3.0266i	2.4257+0.5317i	0.2282+0.3329i	0.1639+0.1142i	0.5731+0.2921i	-0.0764-0.4588i
36.0	39.5835+9.7770i	-7.1955-7.0293i	-9.2109-2.9538i	2.3238+0.4609i	0.1838+0.3639i	0.1374+0.0990i	0.4852+0.3097i	-0.0027-0.4891i
36.1	38.0874+8.6980i	-6.9191-6.0349i	-9.1714-2.4782i	2.2081+0.4310i	0.1388+0.3962i	0.1111+0.0444i	0.4097+0.3328i	0.0737-0.5099i
36.2	36.1928+7.1702i	-5.8143-5.7530i	-8.6978-2.2132i	2.0786+0.4474i	0.1013+0.4834i	0.0580+0.0259i	0.3544+0.4387i	0.1395-0.6074i
36.3	34.3786+5.9887i	-5.4231-5.6578i	-8.5918-2.0042i	1.9702+0.4574i	0.0706+0.5391i	0.0299+0.0031i	0.3234+0.5062i	0.1908-0.6611i
36.4	32.6501+5.3611i	-5.1425-4.7071i	-8.5760-1.5512i	1.8792+0.4639i	0.0173+0.5924i	0.0027-0.0557i	0.2762+0.5447i	0.2698-0.7143i
36.5	31.1470+5.3529i	-4.3264-4.2572i	-8.2610-1.2802i	1.8036+0.5336i	-0.0034+0.6709i	-0.0375-0.0887i	0.2602+0.6264i	0.3036-0.8098i
36.6	30.4138+4.4251i	-3.7793-4.5151i	-8.0853-1.2679i	1.7799+0.5506i	0.0165+0.7538i	-0.0661-0.1055i	0.2808+0.6881i	0.2772-0.8867i
36.7	29.7345+3.4300i	-3.3414-4.2914i	-7.9652-1.0440i	1.7271+0.5374i	-0.0012+0.8190i	-0.0990-0.1182i	0.2551+0.7369i	0.3091-0.9516i
36.8	29.1079+3.0621i	-2.8699-3.6916i	-7.8256-0.6948i	1.6890+0.5291i	-0.0173+0.8787i	-0.1563-0.1693i	0.2390+0.7724i	0.3389-1.0124i
36.9	28.5271+2.5559i	-2.2563-3.6848i	-7.6371-0.5333i	1.6706+0.5430i	0.0023+0.9628i	-0.2125-0.2217i	0.2636+0.8195i	0.3258-1.0933i
37.0	27.8580+2.4514i	-1.6934-3.3957i	-7.4420-0.2672i	1.6202+0.5535i	0.0052+1.0204i	-0.2710-0.2524i	0.2615+0.8457i	0.3379-1.1493i
37.1	27.3287+2.0638i	-0.9359-3.2461i	-7.1370-0.0835i	1.6005+0.6120i	0.0239+1.1239i	-0.3551-0.2865i	0.2690+0.9315i	0.3239-1.2561i

37.2	26.8190+1.6608i	-0.7945-3.2431i	-7.1237-0.0134i	1.6082+0.6330i	0.0515+1.1815i	-0.4213-0.2940i	0.2914+0.9695i	0.3048-1.3046i
37.3	26.4376+1.5977i	-0.7808-3.1689i	-7.1356+0.0714i	1.6102+0.6295i	0.0848+1.2217i	-0.4750-0.2687i	0.3113+0.9693i	0.2710-1.3381i
37.4	25.9324+0.8181i	-0.4627-3.2527i	-6.9578+0.0814i	1.5987+0.6351i	0.1180+1.2702i	-0.5576-0.2601i	0.3354+1.0037i	0.2466-1.3783i
37.5	25.4452+0.6642i	0.2931-3.0346i	-6.6356+0.3282i	1.5773+0.7023i	0.1535+1.3812i	-0.6760-0.2344i	0.3655+1.0805i	0.2266-1.4944i
37.6	24.4261+0.4262i	0.5066-2.8661i	-6.5817+0.5014i	1.6024+0.7653i	0.2176+1.4500i	-0.7149-0.1727i	0.4369+1.1455i	0.1702-1.5670i
37.7	23.8921+0.4530i	0.8599-3.0890i	-6.3694+0.4462i	1.6580+0.7841i	0.3220+1.5209i	-0.7863-0.0988i	0.5248+1.1760i	0.0742-1.6370i
37.8	23.8218+0.3001i	0.9540-2.9857i	-6.3815+0.5187i	1.7006+0.7748i	0.3783+1.5626i	-0.8319-0.0457i	0.5788+1.1787i	0.0281-1.6707i
37.9	23.4199-0.3815i	1.4070-3.0302i	-6.1664+0.6100i	1.7226+0.7727i	0.4422+1.6320i	-0.8843+0.0388i	0.6326+1.2022i	-0.0206-1.7360i
38.0	22.9795-0.1586i	1.8792-2.8589i	-5.9143+0.7341i	1.7699+0.7914i	0.5299+1.6878i	-0.9444+0.0963i	0.7074+1.2041i	-0.0964-1.7822i
38.1	23.3277-0.3405i	2.1495-2.9609i	-5.8788+0.7121i	1.8248+0.7544i	0.5904+1.6896i	-0.9351+0.1795i	0.7608+1.1648i	-0.1496-1.7873i
38.2	22.5404-0.4258i	2.3510-2.7829i	-5.7624+0.8618i	1.8546+0.7464i	0.6866+1.7360i	-0.9282+0.2424i	0.8219+1.1600i	-0.2414-1.8222i
38.3	22.6886-0.4427i	2.4804-2.7874i	-5.7972+0.8406i	1.8764+0.7286i	0.7802+1.7394i	-0.9041+0.3149i	0.8632+1.1348i	-0.3255-1.8248i
38.4	22.3674-0.5128i	2.7148-2.6714i	-5.7564+0.8580i	1.8842+0.7292i	0.8322+1.7608i	-0.9122+0.3668i	0.8959+1.1264i	-0.3632-1.8469i
38.5	21.8808-1.3001i	2.9721-2.7709i	-5.6500+0.8013i	1.9340+0.7091i	0.9051+1.7744i	-0.8807+0.4050i	0.9581+1.1211i	-0.4101-1.8373i
38.6	21.6816-1.2935i	3.5463-2.8916i	-5.3009+0.7675i	2.0267+0.6754i	1.0390+1.7650i	-0.8765+0.4816i	1.0678+1.0848i	-0.5102-1.8441i
38.7	21.8304-1.0553i	3.7706-2.7286i	-5.2264+0.8417i	2.0809+0.6356i	1.1257+1.7547i	-0.8415+0.5369i	1.1241+1.0366i	-0.5799-1.8637i
38.8	21.5223-1.0008i	3.9292-2.5234i	-5.2016+0.9961i	2.1348+0.6256i	1.1954+1.7767i	-0.8026+0.5931i	1.1892+1.0024i	-0.6344-1.9127i
38.9	20.7426-0.7242i	4.1144-2.4018i	-5.1132+0.9842i	2.1917+0.5731i	1.2801+1.7283i	-0.7298+0.5963i	1.2528+0.9326i	-0.7097-1.8654i
39.0	20.8496-0.4336i	4.3224-2.3266i	-5.1261+0.9087i	2.2592+0.4975i	1.3466+1.6780i	-0.6951+0.6093i	1.3135+0.8479i	-0.7519-1.8408i
39.1	21.1189-0.2915i	4.8227-2.2797i	-4.9620+0.9363i	2.3167+0.4274i	1.4179+1.6759i	-0.6753+0.6550i	1.3575+0.7685i	-0.8258-1.8739i
39.2	20.4674-0.7400i	4.8994-2.3871i	-4.9243+0.9279i	2.3142+0.3048i	1.4741+1.6282i	-0.6254+0.6537i	1.3718+0.6709i	-0.8861-1.8374i
39.3	20.3608-0.6488i	5.2374-2.1664i	-4.7102+1.0567i	2.2969+0.1968i	1.5629+1.5908i	-0.5644+0.6478i	1.3660+0.5649i	-0.9904-1.8045i
39.4	20.3179-0.5875i	5.4411-2.0624i	-4.6686+0.9967i	2.2733+0.0859i	1.6258+1.5601i	-0.5473+0.6465i	1.3672+0.4711i	-1.0527-1.7825i
39.5	20.6853-0.6485i	5.8535-2.2376i	-4.6572+0.8714i	2.2483-0.0202i	1.6737+1.5182i	-0.5040+0.6608i	1.3401+0.3833i	-1.1088-1.7621i
39.6	20.4058-0.6914i	6.3238-2.3488i	-4.3923+0.8547i	2.2102-0.1213i	1.7637+1.4610i	-0.4488+0.6823i	1.3122+0.2945i	-1.2188-1.7179i
39.7	20.4097-0.5877i	6.4326-2.1790i	-4.4257+0.9124i	2.1742-0.1643i	1.7902+1.4134i	-0.4119+0.6541i	1.2792+0.2312i	-1.2623-1.6625i
39.8	20.6972-0.1769i	6.7672-2.0746i	-4.4291+0.8562i	2.1513-0.2027i	1.8340+1.3767i	-0.3848+0.6448i	1.2388+0.1572i	-1.3105-1.6145i
39.9	20.6601-0.1655i	7.0495-1.9167i	-4.2736+0.8647i	2.0826-0.2512i	1.8752+1.3570i	-0.3787+0.6317i	1.1903+0.1005i	-1.3549-1.5926i
40.0	20.5904-0.1937i	7.1682-1.9190i	-4.3267+0.8278i	2.0328-0.3175i	1.8983+1.3127i	-0.3472+0.6230i	1.1398+0.0524i	-1.3736-1.5521i
40.1	20.7408-0.1316i	7.4780-1.9281i	-4.3466+0.7714i	1.9659-0.3510i	1.9473+1.2454i	-0.3068+0.6049i	1.0760+0.0010i	-1.4287-1.4726i
40.2	20.6445-0.1099i	7.7605-1.7154i	-4.2611+0.7774i	1.9133-0.3292i	1.9711+1.1941i	-0.2957+0.5691i	1.0420-0.0086i	-1.4498-1.4103i
40.3	20.4597+0.0086i	8.0624-1.5870i	-4.2866+0.8045i	1.8508-0.3574i	2.0004+1.1554i	-0.2893+0.5597i	0.9926-0.0346i	-1.4639-1.3751i
40.4	20.5386-0.0319i	8.2066-1.6607i	-4.3709+0.7426i	1.8343-0.3618i	2.0076+1.0881i	-0.2661+0.5338i	0.9451-0.0551i	-1.4645-1.3067i
40.5	20.8350+0.0289i	8.5135-1.6282i	-4.3078+0.7532i	1.7912-0.3512i	2.0152+1.0459i	-0.2459+0.5106i	0.9050-0.0621i	-1.4959-1.2770i
40.6	21.1036+0.0881i	8.8764-1.5782i	-4.1360+0.8019i	1.7479-0.3633i	2.0245+1.0189i	-0.2388+0.4860i	0.8650-0.0845i	-1.5265-1.2446i
40.7	20.9947+0.2686i	8.9550-1.3582i	-4.2236+0.8623i	1.6887-0.3759i	2.0363+0.9617i	-0.2246+0.4561i	0.8085-0.1053i	-1.5633-1.1710i
40.8	21.2352+0.1583i	9.2648-1.4667i	-4.2709+0.7634i	1.6634-0.3972i	2.0608+0.9148i	-0.2108+0.4336i	0.7759-0.1199i	-1.6007-1.1152i
40.9	21.5081-0.0406i	9.7425-1.5878i	-4.2387+0.5649i	1.6237-0.3912i	2.0826+0.8812i	-0.2155+0.4228i	0.7281-0.1395i	-1.6153-1.0444i
41.0	21.6593-0.1227i	10.2652-1.4622i	-4.1136+0.4313i	1.6026-0.4087i	2.0902+0.8634i	-0.2358+0.4146i	0.6900-0.1632i	-1.6061-0.9973i
41.1	21.8674+0.0481i	10.4556-1.3815i	-4.1356+0.5287i	1.5703-0.4112i	2.0822+0.8421i	-0.2256+0.3883i	0.6539-0.1791i	-1.5903-0.9747i
41.2	21.8978+0.1609i	10.5524-1.3426i	-4.2116+0.5442i	1.5270-0.4010i	2.0656+0.8171i	-0.2164+0.3720i	0.6117-0.1980i	-1.5560-0.9183i
41.3	22.0472+0.1846i	10.9599-1.2643i	-4.0367+0.4738i	1.4872-0.3827i	2.0794+0.7682i	-0.2171+0.3405i	0.5531-0.1787i	-1.5656-0.8598i
41.4	22.2987+0.4200i	11.2029-1.1490i	-4.2088+0.5479i	1.4858-0.3175i	2.0679+0.7267i	-0.2214+0.3107i	0.5241-0.1394i	-1.5832-0.8116i
41.5	22.2963+0.5011i	11.4185-1.1064i	-4.3012+0.6064i	1.4755-0.3719i	2.0641+0.7256i	-0.2463+0.2946i	0.5034-0.1712i	-1.5620-0.7983i
41.6	22.6124+0.6090i	11.9935-0.8102i	-4.2600+0.4985i	1.4676-0.3787i	2.0671+0.7160i	-0.2619+0.2811i	0.4648-0.1748i	-1.5306-0.7720i
41.7	22.6544+0.5434i	12.2026-0.7995i	-4.2307+0.5412i	1.4869-0.3293i	2.0570+0.7017i	-0.2805+0.2810i	0.4622-0.1685i	-1.4676-0.7353i
41.8	22.8612+0.4609i	12.4670-0.9496i	-4.3174+0.4020i	1.4596-0.3378i	2.0625+0.7007i	-0.2719+0.2865i	0.4218-0.1731i	-1.4466-0.7353i
41.9	22.9420+0.2199i	12.7523-1.0478i	-4.2740+0.3177i	1.4066-0.3290i	2.0698+0.6979i	-0.2708+0.2767i	0.3703-0.1567i	-1.4825-0.7426i
42.0	23.2968+0.4117i	13.1483-0.9374i	-4.4246+0.3562i	1.4525-0.3631i	2.0758+0.6974i	-0.2798+0.2486i	0.3716-0.1669i	-1.4529-0.7235i
42.1	23.4353+0.5863i	13.5024-0.7374i	-4.4166+0.3729i	1.4837-0.3570i	2.0749+0.6826i	-0.3012+0.2422i	0.3808-0.1677i	-1.4250-0.7180i
42.2	23.8420+0.6563i	13.9501-0.7299i	-4.4560+0.3115i	1.4942-0.3426i	2.0973+0.6812i	-0.3079+0.2227i	0.3554-0.1766i	-1.4406-0.6624i
42.3	24.0140+0.4921i	14.3024-0.7520i	-4.5301+0.3101i	1.4960-0.3704i	2.1207+0.7015i	-0.3300+0.2361i	0.3226-0.1946i	-1.4175-0.6864i
42.4	24.1148+0.4796i	14.4662-0.7746i	-4.6397+0.3153i	1.4979-0.3808i	2.1298+0.6967i	-0.3400+0.2409i	0.2961-0.2156i	-1.4067-0.6641i
42.5	24.3330+0.6916i	14.9043-0.5370i	-4.5757+0.4558i	1.4268-0.4370i	2.1940+0.7114i	-0.3296+0.2203i	0.2178-0.2545i	-1.4476-0.6475i
42.6	24.4109+0.4300i	15.2093-0.6915i	-4.7161+0.4198i	1.4198-0.4834i	2.2011+0.7026i	-0.3359+0.2314i	0.2023-0.2418i	-1.3848-0.6826i
42.7	24.6091+0.3647i	15.4913-0.8744i	-4.7256+0.2750i	1.3613-0.4902i	2.2172+0.6862i	-0.3320+0.2345i	0.1463-0.2479i	-1.3412-0.7333i
42.8	25.0183+0.3823i	15.9525-0.7494i	-4.6123+0.3417i	1.3376-0.4154i	2.2372+0.6618i	-0.3374+0.2177i	0.1110-0.2160i	-1.3669-0.7394i
42.9	25.2364+0.4851i	16.3769-0.7133i	-4.7870+0.3604i	1.4091-0.3975i	2.2479+0.6664i	-0.3413+0.2128i	0.1436-0.2299i	-1.3902-0.7497i
43.0	25.3126+0.4980i	16.4706-0.7836i	-4.9589+0.4646i	1.3727-0.4958i	2.2895+0.6843i	-0.3333+0.1866i	0.1121-0.3004i	-1.4408-0.7785i
43.1	25.6629+0.4261i	17.0091-0.6508i	-4.6613+0.4103i	1.2428-0.5401i	2.3717+0.6879i	-0.3800+0.1840i	-0.0092-0.3317i	-1.5042-0.7732i
43.2	26.0076+0.3534i	17.5830-0.6280i	-4.6275+0.4171i	1.1950-0.5540i	2.4406+0.6721i	-0.4075+0.2031i	-0.1060-0.3392i	-1.5112-0.7584i
43.3	26.0784+0.3769i	17.7503-0.8065i	-4.7201+0.2882i	1.1123-0.5261i	2.4688+0.6141i	-0.4145+0.2132i	-0.1673-0.2785i	-1.5397-0.7457i
43.4	26.3491+0.3200i	18.0509-0.8644i	-4.8228+0.2391i	1.0770-0.4086i	2.4801+0.5493i	-0.4306+0.1913i	-0.1971-0.1744i	-1.5837-0.6677i

43.5	26.6825+0.2687i	18.4660−0.8008i	−5.0271+0.3333i	1.1256−0.4279i	2.4889+0.5447i	−0.4465+0.1947i	−0.1839−0.1781i	−1.5780−0.6798i
43.6	27.0353+0.3360i	18.8958−0.6934i	−5.0995+0.2134i	1.1564−0.5069i	2.5237+0.5810i	−0.4489+0.2203i	−0.1848−0.2484i	−1.6089−0.6944i
43.7	27.2143+0.5424i	19.1959−0.4675i	−5.2258+0.2560i	1.1243−0.5299i	2.5800+0.5791i	−0.4257+0.2223i	−0.2573−0.2934i	−1.6192−0.6643i
43.8	27.5536+0.5885i	19.7521−0.4645i	−5.1473+0.4086i	1.0359−0.5018i	2.6177+0.5287i	−0.4420+0.2268i	−0.3523−0.2659i	−1.5946−0.6732i
43.9	27.9130+0.5656i	20.1491−0.4335i	−5.1677+0.4344i	0.9977−0.4592i	2.6462+0.5064i	−0.4521+0.2280i	−0.4125−0.2350i	−1.6302−0.6999i
44.0	28.1699+0.6053i	20.4647−0.4091i	−5.2761+0.3587i	0.9636−0.4260i	2.6506+0.4772i	−0.4579+0.2226i	−0.4403−0.1974i	−1.6467−0.6599i
44.1	28.4271+0.4546i	20.8594−0.5150i	−5.3508+0.2201i	0.9499−0.3357i	2.6708+0.4872i	−0.4616+0.2370i	−0.5054−0.1752i	−1.6553−0.6783i
44.2	28.6351+0.4654i	21.2332−0.4322i	−5.2010−0.0403i	0.9254−0.3656i	2.6971+0.4966i	−0.4918+0.2371i	−0.5395−0.2041i	−1.7007−0.6860i
44.3	29.1570+0.3029i	21.7171−0.4779i	−5.3141+0.0085i	0.8117−0.3690i	2.7812+0.4856i	−0.4833+0.2689i	−0.6829−0.2085i	−1.8249−0.6519i
44.4	29.4252+0.1490i	22.0575−0.6908i	−5.7499−0.0327i	0.8046−0.2392i	2.8797+0.4609i	−0.4256+0.2858i	−0.8137−0.1248i	−1.8738−0.5696i
44.5	29.6963+0.1192i	22.4867−0.7587i	−5.8550−0.0808i	0.7935−0.1746i	2.9274+0.4079i	−0.3899+0.2809i	−0.8557−0.0361i	−1.8641−0.5387i
44.6	29.7557+0.1951i	22.7233−0.6639i	−5.8620+0.0835i	0.7362−0.1657i	2.9529+0.3620i	−0.3975+0.2651i	−0.8990+0.0065i	−1.8658−0.5114i
44.7	30.1440+0.4767i	23.2790−0.3590i	−6.0492+0.3477i	0.7500−0.1132i	2.9991+0.3288i	−0.3875+0.2217i	−0.9227+0.0616i	−1.8505−0.4954i
44.8	30.5363+0.3810i	23.7068−0.5059i	−6.2721+0.3136i	0.7934−0.0322i	3.0396+0.2980i	−0.3753+0.1938i	−0.9536+0.1224i	−1.8624−0.5114i
44.9	31.3838+0.5319i	24.6842−0.3522i	−6.1707+0.2268i	0.8471+0.1161i	3.0840+0.2397i	−0.4352+0.1853i	−0.9582+0.2457i	−1.8878−0.4731i
45.0	31.7872+0.2594i	25.1593−0.5785i	−6.3589+0.0940i	0.9282+0.0536i	3.1415+0.2286i	−0.4512+0.1898i	−0.9780+0.2323i	−1.9170−0.4910i
45.1	31.8611−0.1524i	25.4806−0.9696i	−6.8080−0.0178i	0.8860+0.0495i	3.2317+0.1640i	−0.4551+0.2131i	−1.0776+0.2849i	−2.0333−0.4626i
45.2	32.2871−0.2931i	25.9139−1.1251i	−7.0212+0.0010i	0.8756+0.1145i	3.2530+0.0596i	−0.4597+0.2366i	−1.0813+0.4154i	−2.0659−0.3408i
45.3	32.7431−0.4362i	26.4329−1.0884i	−7.2329+0.0105i	0.9147+0.0990i	3.2893+0.0252i	−0.4146+0.2604i	−1.0936+0.4400i	−2.0862−0.3074i
45.4	33.1146−0.2563i	27.1012−0.9196i	−7.0655−0.0280i	0.9152+0.1673i	3.3212+0.0294i	−0.3752+0.2338i	−1.1480+0.4628i	−2.0616−0.2817i
45.5	33.6533−0.2438i	27.6940−0.8284i	−7.2054−0.0994i	0.9182+0.2679i	3.3933−0.0529i	−0.4328+0.2266i	−1.2130+0.5835i	−2.0902−0.2801i
45.6	34.0193−0.2576i	28.1799−0.8484i	−7.3648+0.0519i	0.9878+0.2559i	3.3835−0.0993i	−0.4103+0.2209i	−1.1613+0.6364i	−2.0989−0.2496i
45.7	34.2857−0.2336i	28.5622−0.8595i	−7.4870+0.3771i	0.9670+0.1927i	3.4330−0.1078i	−0.3974+0.1490i	−1.2158+0.5952i	−2.0951−0.2564i
45.8	34.7990−0.5846i	29.1327−1.1431i	−7.7485+0.3678i	0.9406+0.2920i	3.5258−0.1947i	−0.4023+0.1567i	−1.3250+0.7223i	−2.1951−0.2515i
45.9	35.1533−0.9365i	29.5310−1.3615i	−8.0321+0.2311i	0.9891+0.3799i	3.5555−0.3103i	−0.4028+0.1776i	−1.3136+0.8797i	−2.2808−0.1543i
46.0	35.5049−1.1320i	29.9885−1.6469i	−8.2035+0.0966i	1.0251+0.4026i	3.5550−0.3681i	−0.3977+0.1669i	−1.2867+0.9242i	−2.3273−0.0747i
46.1	35.9835−0.9680i	30.7973−1.5578i	−8.4645+0.1578i	1.0602+0.4827i	3.6269−0.4302i	−0.3570+0.1452i	−1.3297+1.0013i	−2.3708+0.0720i
46.2	36.2800−1.0239i	31.2392−1.5806i	−8.6851+0.3023i	1.1717+0.4831i	3.6151−0.4922i	−0.3226+0.0881i	−1.2665+1.0732i	−2.2172+0.1612i
46.3	36.7311−0.9162i	31.7043−1.3737i	−8.6966+0.8313i	1.1224+0.4852i	3.6245−0.5412i	−0.3782+0.0457i	−1.2880+1.1111i	−2.1621+0.0614i
46.4	37.1948−1.0261i	32.2087−1.4960i	−8.9748+0.7029i	1.1341+0.6531i	3.6840−0.6361i	−0.4008+0.0669i	−1.3472+1.2808i	−2.3250+0.0708i
46.5	37.1449−1.4090i	32.4005−1.9480i	−9.6452+0.3855i	1.2873+0.7038i	3.7058−0.7312i	−0.3176+0.0175i	−1.2708+1.4010i	−2.4044+0.2198i
46.6	37.4755−1.3863i	32.7928−1.9155i	−10.0796+0.9867i	1.3803+0.6036i	3.7146−0.8108i	−0.3379−0.0916i	−1.2129+1.4169i	−2.4073+0.3589i
46.7	38.0273−1.3896i	33.5951−1.9237i	−10.0552+1.5767i	1.4759+0.5412i	3.7105−0.8877i	−0.4010−0.1666i	−1.1771+1.4353i	−2.3284+0.4625i
46.8	38.6110−1.5541i	34.3188−2.1282i	−9.9635+1.7123i	1.5123+0.5566i	3.7042−0.9311i	−0.4723−0.1919i	−1.1465+1.4392i	−2.2396+0.4854i
46.9	39.0384−1.5987i	34.7264−2.1197i	−9.9395+1.6742i	1.5051+0.5786i	3.7270−0.9777i	−0.5319−0.1811i	−1.1857+1.4797i	−2.2477+0.4843i
47.0	39.5064−1.5213i	35.3381−2.0025i	−10.3062+1.8009i	1.5618+0.6061i	3.7649−1.0498i	−0.5401−0.1819i	−1.2010+1.5593i	−2.2990+0.5820i
47.1	40.1479−1.6940i	36.1371−2.2078i	−11.1776+1.9894i	1.7097+0.6109i	3.8049−1.1582i	−0.5582−0.2742i	−1.1638+1.6621i	−2.2675+0.7275i
47.2	40.7644−1.6322i	36.8475−2.1960i	−11.3079+2.5388i	1.7781+0.5265i	3.7930−1.2374i	−0.6426−0.3217i	−1.1048+1.6883i	−2.2020+0.7602i
47.3	41.3750−1.7248i	37.6469−2.2392i	−10.5409+2.9282i	1.7424+0.5107i	3.7405−1.3087i	−0.7555−0.2968i	−1.0722+1.7147i	−2.1012+0.7729i
47.4	42.1439−1.9554i	38.4725−2.5005i	−10.7526+2.7134i	1.7879+0.5100i	3.7548−1.3769i	−0.8616−0.2650i	−1.0901+1.7464i	−2.0363+0.7766i
47.5	42.5559−2.5010i	38.9596−3.0569i	−11.3247+2.7855i	1.8264+0.4933i	3.7744−1.4451i	−0.8738−0.2052i	−1.1014+1.8077i	−2.0000+0.7533i
47.6	42.7796−2.6332i	39.2923−3.1110i	−11.4433+2.9193i	1.8669+0.5762i	3.7114−1.5263i	−0.8641−0.1659i	−0.9994+1.9321i	−2.0883+0.7103i
47.7	43.0799−2.7610i	39.7392−3.3267i	−11.7498+3.1097i	1.9235+0.5430i	3.6820−1.5613i	−0.8412−0.1972i	−0.9151+1.9391i	−2.1794+0.8226i
47.8	43.7949−2.7803i	40.7231−3.3207i	−11.9604+3.7339i	2.0178+0.3943i	3.6609−1.5755i	−0.8525−0.2710i	−0.8745+1.8404i	−2.0989+0.9647i
47.9	44.4924−2.7552i	41.5881−3.3039i	−12.0741+3.6617i	2.0147+0.4233i	3.7125−1.5648i	−0.9322−0.3123i	−0.9474+1.7994i	−2.0224+0.9795i
48.0	45.1018−3.0208i	42.2477−3.5661i	−12.6715+3.7032i	2.0511+0.4438i	3.8024−1.6324i	−1.0019−0.3116i	−1.0466+1.8791i	−2.0754+1.0249i
48.1	45.7283−3.0881i	43.0868−3.6719i	−12.3392+3.8657i	2.0902+0.4071i	3.7593−1.6751i	−1.0980−0.3191i	−0.9971+1.9088i	−1.9399+1.1482i
48.2	46.5258−3.2132i	43.9022−3.9086i	−12.8758+4.4253i	2.1280+0.3681i	3.7972−1.7522i	−1.1934−0.3069i	−1.0136+1.9744i	−1.8655+1.1385i
48.3	47.1404−3.5860i	44.6489−4.3138i	−13.9766+4.6579i	2.2126+0.3497i	3.8667−1.8138i	−1.2176−0.2809i	−1.0336+2.0307i	−1.8397+1.1373i
48.4	47.6921−3.8592i	45.4356−4.6290i	−14.2310+4.4804i	2.2583+0.2957i	3.9207−1.8292i	−1.2808−0.2677i	−1.0827+2.0254i	−1.7900+1.0864i
48.5	48.6459−4.0202i	46.5186−4.8005i	−13.8348+4.5198i	2.2825+0.2602i	3.9640−1.8325i	−1.3739−0.2222i	−1.1167+2.0076i	−1.7660+1.0175i
48.6	49.5131−4.4607i	47.4069−5.2249i	−14.6516+5.2415i	2.3404+0.2130i	4.0179−1.9691i	−1.4850−0.1924i	−1.1562+2.0926i	−1.8122+1.0403i
48.7	50.1334−4.8356i	48.1294−5.6235i	−14.9351+5.1255i	2.3829+0.2045i	4.0332−2.0293i	−1.5078−0.1204i	−1.1547+2.1716i	−1.8268+1.0912i
48.8	50.5595−5.2897i	48.7758−5.9572i	−15.4774+5.5144i	2.4485+0.1397i	4.0485−2.0761i	−1.4628−0.0748i	−1.1248+2.1985i	−1.8270+1.1017i
48.9	51.2745−5.5730i	49.7243−6.2942i	−15.8997+5.9659i	2.4766+0.0359i	4.1323−2.1170i	−1.4926−0.1283i	−1.1801+2.1922i	−1.8241+1.1430i
49.0	52.4950−5.6073i	51.1061−6.3078i	−16.4456+7.1181i	2.5164−0.0692i	4.3140−2.1959i	−1.6183−0.1915i	−1.3587+2.1812i	−1.7911+1.2027i
49.1	53.2928−5.7147i	51.9900−6.4875i	−17.3518+7.8814i	2.5580−0.0908i	4.4341−2.3171i	−1.7361−0.1900i	−1.4586+2.2575i	−1.7911+1.2221i
49.2	53.9288−5.9878i	52.7865−6.8324i	−17.1744+9.2970i	2.5214−0.0576i	4.4423−2.4895i	−1.8805−0.1399i	−1.4974+2.3975i	−1.7640+1.2211i
49.3	54.9198−6.3623i	53.9091−7.2056i	−16.4950+9.8803i	2.4987−0.0239i	4.4605−2.6268i	−2.0295+0.0186i	−1.5463+2.5402i	−1.7591+1.1753i
49.4	55.6198−7.3481i	54.7399−8.2340i	−17.3590+9.7549i	2.5535−0.0683i	4.5405−2.7927i	−2.0487+0.1490i	−1.6141+2.7035i	−1.8440+1.2215i
49.5	56.7025−8.3649i	56.0106−9.3404i	−18.7401+10.2745i	2.5916−0.1772i	4.6528−3.0246i	−2.0190+0.1455i	−1.6864+2.8711i	−1.9034+1.4102i
49.6	57.8368−8.7164i	57.3799−9.7809i	−18.9981+10.6839i	2.6223−0.2540i	4.7877−3.1172i	−2.1569+0.1579i	−1.8053+2.9243i	−1.8121+1.4162i
49.7	59.0035−9.4121i	58.6979−10.4760i	−20.0580+12.2372i	2.7021−0.2353i	4.9237−3.3895i	−2.2976+0.2833i	−1.9097+3.1444i	−1.8115+1.4020i

49.8	59.6372-10.8314i	59.4813-11.9854i	-20.2987+12.8234i	2.7523-0.3081i	4.9578-3.6359i	-2.2397+0.4510i	-1.9560+3.3624i	-1.9238+1.4501i
49.9	60.1984-12.0983i	60.2518-13.2863i	-21.2785+14.3697i	2.7745-0.4445i	5.0160-3.9549i	-2.2495+0.4849i	-2.0016+3.5884i	-1.9363+1.6535i
50.0	61.1811-12.3961i	61.4484-13.6454i	-21.1783+15.2524i	2.7826-0.4876i	5.0485-4.1604i	-2.4022+0.5069i	-2.0637+3.7945i	-1.8619+1.7294i
50.1	62.1671-13.4709i	62.6011-14.7936i	-20.6850+17.2808i	2.8346-0.5453i	4.9788-4.5182i	-2.5587+0.7497i	-2.0302+4.1114i	-1.7917+1.7286i
50.2	62.5611-15.3315i	63.1377-16.6951i	-20.8041+18.3212i	2.8474-0.6582i	4.8310-4.8705i	-2.4769+0.9380i	-1.8516+4.4558i	-1.8072+1.8441i
50.3	62.4246-16.2246i	63.0727-17.7146i	-20.9742+19.7476i	2.8124-0.7084i	4.6914-5.1177i	-2.4281+0.8923i	-1.6925+4.6458i	-1.7418+2.0443i
50.4	62.8735-16.7747i	63.8016-18.3812i	-20.2176+21.1917i	2.8304-0.8116i	4.5597-5.3206i	-2.5527+0.9360i	-1.6146+4.7840i	-1.5940+2.0991i
50.5	64.2816-18.1566i	65.3084-19.9655i	-20.8433+22.2598i	2.8790-0.8522i	4.5617-5.6652i	-2.6906+1.1622i	-1.6104+5.0877i	-1.5281+2.1454i
50.6	64.8708-19.7178i	66.0173-21.6096i	-20.8073+24.6884i	2.8843-0.9620i	4.4361-6.0383i	-2.7100+1.3276i	-1.5094+5.3965i	-1.4673+2.2577i
50.7	65.1087-21.4694i	66.5262-23.5564i	-20.4131+25.8417i	2.8631-1.1128i	4.3166-6.4436i	-2.7645+1.4680i	-1.4648+5.7714i	-1.3003+2.3192i
50.8	64.9921-22.4970i	66.5372-24.6580i	-18.9769+27.3005i	2.8436-1.1307i	4.0186-6.6565i	-2.8375+1.6558i	-1.1618+5.9846i	-1.1860+2.2460i
50.9	65.1802-23.8770i	66.7559-25.9724i	-17.5150+29.4259i	2.8276-1.2068i	3.7454-6.9323i	-2.8360+1.8961i	-0.9581+6.1763i	-1.1546+2.2665i
51.0	64.2471-25.5616i	66.0029-27.8431i	-16.8863+31.2207i	2.7721-1.3250i	3.3013-7.3617i	-2.8193+2.0564i	-0.6309+6.5811i	-0.9703+2.5165i
51.1	65.1085-26.3904i	67.0242-28.8359i	-15.7252+31.7101i	2.8027-1.3679i	3.0845-7.5568i	-2.9138+2.3221i	-0.4340+6.8003i	-0.7543+2.4028i
51.2	64.8343-28.1370i	66.9490-30.6921i	-13.0402+33.1878i	2.8188-1.4673i	2.5858-7.6360i	-2.7350+2.6272i	0.0497+6.8508i	-0.7028+2.2423i
51.3	64.2758-29.1986i	66.3775-31.7501i	-12.2011+34.6207i	2.7258-1.5257i	2.1925-7.8245i	-2.5562+2.7653i	0.3882+7.0099i	-0.7437+2.3422i
51.4	63.3352-30.1934i	65.5669-32.7500i	-11.2156+35.8035i	2.6274-1.6252i	1.8031-7.9256i	-2.4028+2.8635i	0.6912+7.0951i	-0.6890+2.4573i
51.5	63.7524-31.0143i	66.1328-33.8716i	-9.1207+37.1678i	2.5259-1.7254i	1.3353-7.9749i	-2.5766+3.0552i	1.0592+7.2238i	-0.2380+2.4490i
51.6	63.8069-31.9575i	66.1957-35.0450i	-7.2321+37.6219i	2.4982-1.7594i	1.0086-7.9792i	-2.5321+3.3251i	1.3614+7.2679i	-0.0341+2.3384i
51.7	62.5723-34.0233i	65.1016-37.3191i	-6.5617+38.4849i	2.4485-1.9133i	0.5317-8.1168i	-2.1399+3.6637i	1.7940+7.4479i	0.1207+2.2373i
51.8	62.6351-34.5859i	65.3114-37.9685i	-4.9897+38.8374i	2.4038-2.0375i	0.2466-8.0725i	-2.0316+3.7659i	2.0550+7.4224i	0.2613+2.0636i
51.9	62.1729-35.7775i	64.7534-39.3886i	-3.0699+39.8054i	2.3001-2.1155i	-0.1381-8.0532i	-1.8716+4.0103i	2.3862+7.4364i	0.3426+1.7388i
52.0	61.1813-36.9536i	63.9485-40.4710i	-0.2924+40.2976i	2.2348-2.1438i	-0.5968-7.9777i	-1.3989+4.3544i	2.8851+7.4352i	0.0661+1.3740i
52.1	59.8160-37.9469i	62.6162-41.5028i	2.1328+40.5053i	2.1233-2.2570i	-1.0341-7.8257i	-0.9671+4.3292i	3.3172+7.2637i	-0.0781+1.4404i
52.2	58.1081-38.9454i	60.9466-42.5435i	3.5730+40.2161i	1.9840-2.3354i	-1.3823-7.6723i	-0.5936+4.2217i	3.6450+7.1184i	-0.1441+1.5156i
52.3	56.9536-38.3252i	59.9614-42.0440i	4.4254+40.3042i	1.7828-2.3544i	-1.6365-7.4498i	-0.4568+3.9091i	3.8837+6.9553i	-0.0669+1.5916i
52.4	57.5074-38.3580i	60.5974-42.2186i	6.2468+40.1758i	1.7109-2.2991i	-1.7723-7.3201i	-0.5532+3.9570i	4.0170+6.9205i	-0.0299+1.4206i
52.5	56.1639-40.2192i	59.1812-44.1281i	9.0813+40.1852i	1.6419-2.3254i	-2.2019-7.2416i	-0.2258+4.2229i	4.4764+6.8951i	-0.2410+1.3839i
52.6	53.7939-41.2201i	56.9171-45.1931i	11.1025+39.9134i	1.4828-2.3939i	-2.5599-7.1146i	0.1199+4.2704i	4.8590+6.8071i	-0.2177+1.4843i
52.7	52.5764-39.3790i	55.8050-43.3836i	13.3058+39.5051i	1.3612-2.2750i	-2.8380-6.7822i	0.2140+4.1467i	5.2203+6.5500i	-0.0391+1.3489i
52.8	52.9064-39.4915i	56.1184-43.5421i	15.3134+37.4611i	1.3922-2.3053i	-3.0075-6.5773i	0.3756+4.2989i	5.4910+6.3374i	-0.1291+1.1820i
52.9	51.9408-39.0105i	55.3268-43.0112i	16.4378+35.6958i	1.2898-2.3538i	-3.2092-6.3573i	0.7406+4.2142i	5.7152+6.1018i	-0.3390+1.1651i
53.0	50.5785-37.8106i	54.3171-41.7802i	18.6520+33.8120i	1.1104-2.3398i	-3.5031-6.0029i	1.1083+3.9850i	6.0204+5.7165i	-0.5514+1.2967i
53.1	49.2199-37.0163i	52.9273-41.0844i	18.7803+32.3539i	0.9318-2.3189i	-3.7068-5.6550i	1.3371+3.7309i	6.2181+5.3092i	-0.4975+1.5654i
53.2	48.9629-35.9976i	52.8878-39.9962i	18.8253+30.7999i	0.8197-2.2697i	-3.6924-5.3407i	1.3651+3.5069i	6.2104+4.9918i	-0.2727+1.7257i
53.3	48.9766-34.6518i	53.0427-38.6762i	20.0237+30.4692i	0.7411-2.2496i	-3.7253-5.0782i	1.3505+3.4046i	6.2418+4.7016i	-0.0147+1.5432i
53.4	49.6011-33.0230i	53.8605-37.0645i	22.0395+28.9900i	0.5910-2.1977i	-3.8714-4.8440i	1.5500+3.5100i	6.4309+4.4432i	-0.2810+1.0066i
53.5	50.3965-32.2902i	54.8289-36.3962i	21.8796+27.6618i	0.4732-2.0240i	-3.8890-4.6334i	1.7303+3.3285i	6.4499+4.2512i	-0.5260+1.2160i
53.6	52.2745-31.3371i	57.0251-35.7009i	21.3070+27.9755i	0.4619-1.8154i	-3.8863-4.4795i	1.5833+2.9977i	6.4512+4.1251i	-0.3600+1.5907i
53.7	53.2019-31.0167i	58.1229-35.3622i	21.8976+27.5766i	0.5608-1.7018i	-3.9735-4.5319i	1.5166+3.0934i	6.5770+4.2319i	-0.1864+1.6307i
53.8	54.5523-31.0472i	59.5933-35.3448i	24.1764+25.4287i	0.6907-1.6920i	-4.1346-4.2408i	1.5910+3.2577i	6.7714+3.9370i	-0.1833+1.4125i
53.9	55.5606-31.9336i	60.8537-36.2576i	25.0218+22.1330i	0.6829-1.7835i	-4.1724-3.8609i	1.8999+3.2847i	6.8190+3.4889i	-0.3965+1.3701i
54.0	55.6865-32.1666i	61.2082-36.5583i	23.9205+20.6653i	0.6291-1.7885i	-4.1248-3.6329i	2.1069+3.1486i	6.7860+3.2645i	-0.4416+1.5008i
54.1	55.1333-31.3641i	60.8381-35.8028i	22.9236+20.0857i	0.4986-1.6970i	-4.0980-3.3850i	2.2427+2.9047i	6.7732+3.0538i	-0.2348+1.6285i
54.2	57.7831-31.2262i	63.9185-35.6335i	23.2842+19.4466i	0.5285-1.6664i	-4.0688-3.3024i	2.2506+2.9637i	6.8623+2.9629i	-0.2508+1.4887i
54.3	57.5449-32.1157i	63.9106-36.6300i	21.7953+17.5281i	0.4361-1.7306i	-4.0988-3.1416i	2.5468+2.9244i	6.8334+2.7183i	-0.3616+1.5721i
54.4	57.1073-32.1493i	63.6857-36.7488i	21.0539+17.2490i	0.2816-1.7159i	-4.1542-2.9285i	2.8233+2.6822i	6.8142+2.4937i	-0.2561+1.6856i
54.5	57.9981-31.0060i	64.9306-35.5967i	20.1048+17.5695i	0.2796-1.6743i	-4.0917-2.8237i	2.8659+2.4240i	6.7680+2.4417i	-0.1456+1.7726i
54.6	59.2871-29.8003i	66.7436-34.5221i	19.4989+18.1973i	0.2843-1.5806i	-4.0184-2.6654i	2.7625+2.0634i	6.6667+2.3379i	0.0321+1.8379i
54.7	61.2344-29.5454i	69.0262-34.5518i	20.6772+18.7089i	0.3598-1.4612i	-4.0016-2.5261i	2.5561+1.9720i	6.7226+2.2219i	0.1726+1.6680i
54.8	62.1414-30.3942i	70.0277-35.5026i	20.9306+16.5747i	0.3389-1.3698i	-4.0410-2.3319i	2.7489+2.1008i	6.7921+2.0340i	0.0512+1.4833i
54.9	62.4411-30.9842i	70.5601-36.2401i	19.1217+15.3290i	0.2404-1.3406i	-3.9814-2.1128i	3.1271+1.9163i	6.7556+1.8312i	-0.1365+1.5030i
55.0	63.3456-30.0148i	71.8578-35.2557i	19.1714+15.6017i	0.2165-1.2898i	-3.9391-2.0014i	3.1858+1.7018i	6.7151+1.7349i	-0.1107+1.5623i
55.1	64.9461-29.5462i	73.7720-34.9390i	18.6024+15.6652i	0.1890-1.2507i	-3.9003-1.9319i	3.1490+1.5598i	6.7144+1.7137i	-0.0542+1.5759i
55.2	66.0069-30.3002i	75.1211-35.9602i	17.3836+16.0117i	0.1783-1.2142i	-3.9339-1.8290i	3.2775+1.3711i	6.8475+1.6285i	-0.0204+1.6299i
55.3	67.4991-29.8258i	77.0867-35.6980i	17.2236+16.1258i	0.2510-1.1991i	-3.8693-1.6718i	3.2425+1.0367i	6.8310+1.5088i	0.0441+1.6610i
55.4	69.8024-30.1479i	79.7859-36.3815i	17.5279+16.5039i	0.2884-1.1721i	-3.7645-1.5581i	3.0648+0.8083i	6.7595+1.3575i	0.0675+1.6812i
55.5	71.7150-31.4278i	82.0937-37.9706i	17.3892+15.5860i	0.2822-1.1342i	-3.7173-1.4573i	2.9970+0.8694i	6.7718+1.2520i	0.0448+1.5959i
55.6	72.4848-32.2339i	83.2064-38.9818i	16.5480+16.0195i	0.2051-1.0734i	-3.6867-1.2653i	3.0958+0.6610i	6.7456+1.0704i	0.0748+1.6212i
55.7	73.5489-32.4444i	84.6792-39.4050i	16.0502+16.5208i	0.1560-1.0361i	-3.6771-1.1602i	3.1309+0.4606i	6.7551+0.9690i	0.0909+1.6312i
55.8	75.4835-33.0407i	87.0270-40.2929i	15.9451+17.3571i	0.1535-0.9946i	-3.6483-1.1129i	3.0410+0.3198i	6.7798+0.8965i	0.1545+1.6670i
55.9	77.8919-33.8573i	89.8517-41.4536i	16.4381+19.0000i	0.1771-0.9638i	-3.6081-1.0154i	2.9393+0.1735i	6.8316+0.7301i	0.1948+1.7032i
56.0	80.9880-33.2788i	93.5059-41.0240i	17.6337+19.4895i	0.2595-0.9110i	-3.5599-0.8942i	2.6824+0.2639i	6.8627+0.6838i	0.1859+1.5874i

56.1	82.2769-36.4466i	95.1527-44.6637i	16.0996+17.3326i	0.1616-1.0013i	-3.5243-0.8298i	2.8937+0.3507i	6.8220+0.6040i	0.1591+1.5509i
56.2	82.7654-37.6889i	95.9555-46.3906i	15.5176+18.9206i	0.1188-0.9057i	-3.4361-0.6798i	2.9833+0.0661i	6.7852+0.4208i	0.1222+1.5991i
56.3	84.8336-38.5452i	98.7184-47.6152i	16.2833+21.4567i	0.1982-0.9098i	-3.4224-0.5522i	2.9083-0.1334i	6.8524+0.2747i	0.1835+1.6282i
56.4	86.1086-39.9145i	100.2295-49.3443i	15.9219+22.2322i	0.2381-0.9187i	-3.3748-0.4847i	2.7977-0.2279i	6.8753+0.1967i	0.2228+1.6309i
56.5	87.7514-42.2708i	102.3766-52.4246i	15.7060+23.7398i	0.1281-0.9206i	-3.3525-0.3234i	2.7475-0.4128i	6.8803+0.0130i	0.2661+1.6730i
56.6	89.2098-44.5012i	104.1645-55.4436i	17.0004+25.2028i	0.1353-0.9360i	-3.2944-0.1801i	2.6813-0.5371i	6.8668-0.1678i	0.2957+1.6740i
56.7	90.2075-45.7700i	105.3741-57.2218i	17.8153+26.0067i	0.1556-0.8040i	-3.2012-0.0554i	2.5846-0.6349i	6.8247-0.2343i	0.3229+1.6371i
56.8	91.9807-47.5815i	107.5497-59.5868i	19.0771+27.1740i	0.1420-0.8080i	-3.1025+0.0106i	2.5161-0.6891i	6.7883-0.3186i	0.3262+1.7043i
56.9	93.6537-49.5071i	109.5683-62.1989i	21.4960+29.7430i	0.1306-0.8566i	-3.0351+0.1144i	2.4454-0.7481i	6.7992-0.5429i	0.3720+1.7716i
57.0	94.6442-50.8942i	110.8495-64.1277i	24.1728+31.4280i	0.0934-0.8109i	-2.9389+0.2580i	2.3566-0.8264i	6.7466-0.6897i	0.4272+1.7690i
57.1	95.7574-53.2092i	112.0749-67.0555i	26.2182+30.9606i	0.0501-0.7126i	-2.8516+0.3152i	2.2130-0.7626i	6.7417-0.7173i	0.5140+1.7185i
57.2	96.2746-56.3701i	112.6529-71.0596i	27.4969+30.0068i	0.0784-0.6645i	-2.7852+0.3963i	2.2541-0.6328i	6.7162-0.8130i	0.6212+1.6232i
57.3	97.2471-58.6708i	114.1213-74.0965i	29.8458+29.7893i	0.0048-0.6640i	-2.6694+0.5038i	2.4060-0.6907i	6.6687-0.8994i	0.6098+1.5484i
57.4	98.2668-60.1448i	115.5665-75.9990i	30.0893+30.9779i	0.0306-0.7089i	-2.6157+0.5323i	2.4400-0.7716i	6.7486-0.9465i	0.5913+1.5651i
57.5	98.5903-61.9434i	116.0183-78.4013i	35.1138+31.6286i	-0.0797-0.7316i	-2.3713+0.6553i	2.3433-0.9430i	6.5678-1.1352i	0.5722+1.5525i
57.6	99.1873-64.2741i	116.5656-81.4337i	36.6093+31.6153i	-0.1357-0.5921i	-2.2934+0.7236i	2.3270-1.0006i	6.5311-1.2484i	0.5914+1.5045i
57.7	100.4246-66.5456i	118.0739-84.5178i	39.3427+31.3459i	-0.0786-0.5603i	-2.1310+0.7881i	2.3191-1.1098i	6.5345-1.3901i	0.5489+1.5171i
57.8	100.9416-67.4593i	118.6889-85.7400i	42.4173+29.5040i	-0.0953-0.4081i	-1.9924+0.7926i	2.2857-1.1334i	6.4497-1.4081i	0.5401+1.4813i
57.9	102.9058-69.7662i	121.0136-88.8234i	44.8058+29.3295i	-0.0566-0.4023i	-1.8838+0.8249i	2.3235-1.1812i	6.4851-1.5005i	0.4958+1.4808i
58.0	103.9507-71.8696i	122.2579-91.8584i	48.4070+28.9795i	-0.0905-0.4071i	-1.6919+0.8396i	2.2995-1.3552i	6.4125-1.6764i	0.4306+1.5542i
58.1	105.2887-74.4880i	124.0091-95.1122i	49.8880+25.6185i	-0.0629-0.2525i	-1.5716+0.8169i	2.3326-1.4505i	6.4101-1.6975i	0.3541+1.5628i
58.2	106.3051-77.8443i	125.1532-99.3531i	51.5430+24.5427i	-0.1559-0.2327i	-1.4857+0.8241i	2.3369-1.5402i	6.4100-1.7930i	0.3244+1.7216i
58.3	107.0479-81.0411i	126.0182-103.5109i	53.4135+22.7458i	-0.2023-0.1588i	-1.3638+0.7940i	2.3135-1.6017i	6.3885-1.8774i	0.4693+1.9030i
58.4	108.9113-83.7839i	128.2110-107.2020i	56.2972+18.9251i	-0.2491-0.1830i	-1.2198+0.6962i	2.2754-1.6311i	6.2814-1.9328i	0.5854+1.8505i
58.5	111.3765-86.0682i	131.1923-110.1435i	56.9111+15.7236i	-0.2094-0.0996i	-1.1643+0.6269i	2.3907-1.6244i	6.3592-1.9053i	0.5617+1.7933i
58.6	113.0098-88.8647i	133.3265-113.8399i	57.1926+15.3282i	-0.1742-0.0375i	-1.0996+0.5804i	2.5498-1.8975i	6.4508-2.0310i	0.5135+1.9572i
58.7	115.0184-92.4407i	135.8224-118.6908i	57.9817+14.5208i	-0.2036-0.1051i	-1.0497+0.5144i	2.5654-2.1665i	6.5282-2.1840i	0.5534+2.1242i
58.8	116.3034-96.8096i	137.2562-124.2307i	59.1259+12.2659i	-0.2275+0.0295i	-1.0091+0.4741i	2.5377-2.4115i	6.5379-2.3242i	0.6513+2.2265i
58.9	115.0669-101.5933i	135.3623-130.1331i	58.6049+6.8045i	-0.2740+0.3090i	-0.9463+0.3850i	2.3423-2.6461i	6.4381-2.3120i	0.7668+2.2266i
59.0	116.4101-105.6554i	136.8996-135.5119i	58.7242+4.0812i	-0.3332+0.3251i	-0.9342+0.3298i	2.3284-2.8396i	6.4386-2.3843i	0.8376+2.2623i
59.1	120.0560-110.3699i	141.4713-141.7528i	60.5708+3.8384i	-0.2125+0.3904i	-0.9369+0.2929i	2.2830-3.0682i	6.6355-2.5733i	1.0089+2.3852i
59.2	118.9350-118.1281i	139.8155-151.6600i	61.9997+1.2234i	-0.1909+0.4875i	-0.8778+0.2883i	2.0437-3.4552i	6.5371-2.8216i	1.2544+2.4586i
59.3	116.9241-125.0742i	136.9444-160.5425i	61.1899-1.5130i	-0.2379+0.5500i	-0.8923+0.2834i	1.8777-3.6702i	6.5333-3.0220i	1.4106+2.4368i
59.4	115.8732-132.3234i	135.1272-169.9541i	62.8967-3.9808i	-0.1921+0.6877i	-0.8548+0.2622i	1.6188-3.9528i	6.4726-3.2472i	1.6075+2.4681i
59.5	117.6508-137.8519i	137.1643-177.3433i	65.0806-4.7610i	-0.1115+0.6750i	-0.8361+0.2725i	1.5114-4.1756i	6.4805-3.4335i	1.7614+2.5071i
59.6	114.0598-143.9805i	132.5612-184.9048i	64.4143-7.5026i	0.0118+0.8259i	-0.8000+0.2620i	1.0886-4.3848i	6.3959-3.5844i	1.9962+2.4119i
59.7	108.6700-150.8774i	125.5840-193.3381i	64.6611-10.7263i	0.0045+0.9559i	-0.7788+0.2479i	0.7036-4.5294i	6.1773-3.7650i	2.2449+2.3373i
59.8	110.1878-158.4527i	127.1206-203.0578i	64.4310-13.3337i	0.0293+0.9013i	-0.7849+0.2333i	0.5216-4.7243i	6.2901-3.9323i	2.4239+2.3604i
59.9	102.2941-161.3239i	116.6918-206.1134i	62.5142-15.9803i	-0.0074+1.0279i	-0.7675+0.2003i	0.0031-4.6695i	6.1442-4.0166i	2.6450+2.1570i
60.0	97.8525-168.8493i	110.5950-215.9115i	63.8756-19.6901i	0.0124+1.0523i	-0.7172+0.2231i	-0.3671-4.8126i	5.9716-4.2354i	2.8363+2.0264i
60.1	94.8232-177.1989i	106.5691-226.9005i	63.2790-21.1924i	0.1034+1.0775i	-0.7128+0.2749i	-0.5986-4.9700i	5.9638-4.5131i	3.0137+1.9638i
60.2	87.1751-177.8824i	96.7485-226.9430i	60.1052-21.9764i	0.1084+1.2691i	-0.6902+0.2498i	-0.9861-4.7970i	5.8428-4.5687i	3.0830+1.7355i
60.3	80.7656-182.1027i	88.2707-232.1593i	62.3836-24.6425i	0.0856+1.2671i	-0.6208+0.2359i	-1.4304-4.7793i	5.5875-4.7436i	3.3080+1.5222i
60.4	76.8646-187.1391i	82.9228-238.6313i	62.1779-27.9451i	0.1570+1.2057i	-0.5686+0.2445i	-1.7179-4.7662i	5.4732-4.8752i	3.4132+1.3097i
60.5	69.9292-190.1862i	73.7738-242.2262i	60.1529-31.7328i	0.1664+1.2610i	-0.5158+0.2189i	-2.0820-4.6004i	5.3317-4.9069i	3.5260+1.0557i
60.6	62.5237-192.4694i	64.5677-244.1978i	59.6155-35.9195i	0.2887+1.5701i	-0.4645+0.1803i	-2.5125-4.3650i	5.1123-5.0129i	3.6311+0.7424i
60.7	57.6406-194.3803i	58.2071-246.4737i	58.7926-37.0648i	0.2964+1.6965i	-0.4266+0.1654i	-2.7148-4.2564i	5.0446-5.0810i	3.6648+0.5415i
60.8	51.5005-196.8323i	50.0342-249.3590i	55.6896-40.6175i	0.1968+1.7311i	-0.3948+0.0977i	-2.9541-4.0618i	4.9522-5.1257i	3.6644+0.2974i
60.9	44.6710-198.8598i	41.6498-251.4292i	52.4603-44.0350i	0.3719+1.9972i	-0.4045+0.0518i	-3.2368-3.7830i	4.9079-5.2306i	3.5646-0.0299i
61.0	38.5677-198.7147i	34.2664-250.9101i	50.8669-44.2830i	0.6240+2.0907i	-0.4044+0.0359i	-3.4174-3.5526i	4.7433-5.4218i	3.4636-0.2399i
61.1	33.3441-203.3629i	27.3895-256.3986i	48.4595-47.6574i	0.6371+2.1242i	-0.3813+0.0012i	-3.6900-3.4222i	4.7087-5.5177i	3.4486-0.4403i
61.2	25.9905-206.6162i	18.2877-260.1926i	46.4705-52.5772i	0.9047+2.2537i	-0.3608-0.0456i	-4.0212-3.1269i	4.5340-5.6741i	3.4049-0.7314i
61.3	18.1635-205.2616i	8.4504-258.4008i	44.4983-52.9675i	1.1255+2.3012i	-0.3313-0.0554i	-4.1661-2.8372i	4.2622-5.8113i	3.2939-0.8913i
61.4	10.8819-205.8330i	-0.2552-258.8617i	42.1091-54.2288i	1.3676+2.3495i	-0.3347-0.0587i	-4.3780-2.5853i	4.0916-5.9290i	3.2205-1.0467i
61.5	2.2641-205.1326i	-11.1130-257.5931i	39.5313-57.1696i	1.4992+2.4480i	-0.3106-0.1020i	-4.6253-2.2472i	3.8715-5.9594i	3.1366-1.3070i
61.6	-7.4743-204.4096i	-23.1954-256.6291i	33.6647-58.7475i	1.6926+2.3315i	-0.3273-0.1403i	-4.7091-1.8147i	3.6851-6.0789i	2.9240-1.5762i
61.7	-13.7188-204.2145i	-31.0110-256.4623i	30.5956-58.6022i	1.8180+2.1513i	-0.3208-0.1557i	-4.7451-1.5649i	3.5084-6.2164i	2.7789-1.6782i
61.8	-20.8933-201.1706i	-39.4219-252.5965i	26.4431-58.2397i	2.0748+2.1138i	-0.3351-0.1702i	-4.7867-1.1751i	3.3024-6.3043i	2.5868-1.7919i
61.9	-28.9916-196.4669i	-49.1579-246.8560i	23.2929-56.5980i	2.2174+2.0475i	-0.3500-0.1672i	-4.7727-0.7788i	3.0489-6.4095i	2.3443-1.9723i
62.0	-34.7415-194.4128i	-56.1036-244.2003i	18.4297-56.7127i	2.4124+1.9778i	-0.3543-0.1802i	-4.7969-0.4907i	2.9954-6.4398i	2.2146-2.0726i
62.1	-42.2094-192.1199i	-65.5978-241.2103i	17.0028-57.2921i	2.4516+1.9473i	-0.3135-0.2114i	-4.8438-0.1550i	2.6968-6.5308i	2.0291-2.2183i
62.2	-46.7490-185.7021i	-70.9649-233.3110i	13.9495-55.3424i	2.5143+1.8521i	-0.3302-0.2106i	-4.6766+0.1001i	2.4885-6.4580i	1.7920-2.2477i
62.3	-51.5181-180.2770i	-76.7434-226.5289i	11.2276-54.0742i	2.5959+1.7798i	-0.3367-0.2329i	-4.5882+0.3621i	2.2997-6.4290i	1.5686-2.2910i

62.4	-57.3582-176.7372i	-84.2155-222.2918i	9.1726-52.4409i	2.6960+1.6770i	-0.3371-0.2449i	-4.5426+0.6265i	2.0276-6.4738i	1.3701-2.3170i
62.5	-61.0489-173.0834i	-89.0144-217.7353i	6.6467-51.8455i	2.7945+1.6132i	-0.3367-0.2629i	-4.3950+0.8544i	1.7931-6.4711i	1.1578-2.2645i
62.6	-64.0631-168.7082i	-92.8206-212.3266i	5.3076-50.6207i	2.8081+1.5195i	-0.3306-0.2653i	-4.2810+1.0086i	1.6292-6.4190i	0.9914-2.2633i
62.7	-66.2610-158.7076i	-95.7359-200.1186i	6.5598-49.1139i	2.7601+1.3675i	-0.3022-0.2619i	-4.0395+1.2192i	1.3103-6.2219i	0.7730-2.1836i
62.8	-68.3862-155.6922i	-98.1692-196.2835i	3.0241-48.0188i	2.8850+1.3551i	-0.3222-0.2888i	-3.8901+1.4213i	1.2307-6.2249i	0.6223-2.1121i
62.9	-69.8059-151.1546i	-99.6898-190.6520i	1.0253-46.5663i	2.9465+1.3805i	-0.3247-0.2995i	-3.7368+1.6280i	1.1374-6.1367i	0.5023-2.0253i
63.0	-72.4949-146.0811i	-103.1504-184.4179i	0.1807-44.5570i	3.0351+1.3170i	-0.3273-0.3040i	-3.5933+1.7467i	0.9290-6.0704i	0.3738-1.9644i
63.1	-76.6397-140.8056i	-108.3742-177.8427i	-2.3952-41.8093i	3.0566+1.2322i	-0.3230-0.3124i	-3.4081+1.8852i	0.7490-6.0406i	0.2192-1.9132i
63.2	-76.4858-136.0565i	-108.3283-172.0943i	-1.8329-42.1289i	3.0452+1.2238i	-0.3124-0.3185i	-3.2279+1.9782i	0.5835-5.9134i	0.1327-1.8463i
63.3	-77.0056-131.4073i	-109.2175-166.5433i	0.1251-40.9898i	3.0553+1.0908i	-0.3078-0.3219i	-3.0464+2.0874i	0.3360-5.8770i	0.0498-1.7721i
63.4	-76.5878-126.2460i	-108.4694-160.2856i	-1.4746-38.7715i	3.1486+1.0745i	-0.3163-0.3233i	-2.7935+2.1619i	0.2229-5.7411i	-0.0155-1.6370i
63.5	-78.6757-122.4915i	-111.3422-155.2292i	-3.6248-40.4248i	3.1290+1.1378i	-0.3219-0.3605i	-2.7053+2.2206i	0.0854-5.5576i	-0.1535-1.6016i
63.6	-79.9893-118.9249i	-113.3751-150.4943i	-5.0322-42.3491i	3.0344+0.9836i	-0.3366-0.3802i	-2.5452+2.2811i	-0.0643-5.3773i	-0.3053-1.5071i
63.7	-78.9910-115.1619i	-111.9419-146.1003i	-4.9574-39.7287i	3.1976+0.9545i	-0.3399-0.3716i	-2.3225+2.3155i	-0.1027-5.3568i	-0.3225-1.3775i
63.8	-78.7025-110.9880i	-111.3447-141.1500i	-5.9026-37.2347i	3.3113+0.9441i	-0.3521-0.3528i	-2.1093+2.3241i	-0.1931-5.2820i	-0.3926-1.2386i
63.9	-80.0317-106.6976i	-113.0361-135.7777i	-6.5802-33.0729i	3.3149+0.8440i	-0.3653-0.3656i	-2.0020+2.3180i	-0.3142-5.2561i	-0.4447-1.1413i
64.0	-79.5231-103.6279i	-112.4734-132.1716i	-7.7907-33.1763i	3.3064+0.8336i	-0.3680-0.3707i	-1.8447+2.3742i	-0.3546-5.1610i	-0.4604-1.0147i
64.1	-79.2794-100.4348i	-112.3254-128.1134i	-8.9233-31.4942i	3.4498+0.7749i	-0.3739-0.3746i	-1.7536+2.3550i	-0.4353-5.0950i	-0.4447-0.9316i
64.2	-78.1639-95.5513i	-111.1860-121.8167i	-9.1431-31.6598i	3.5295+0.6987i	-0.3713-0.3715i	-1.6315+2.2574i	-0.5526-4.8856i	-0.4535-0.7762i
64.3	-77.3043-93.2171i	-110.1802-118.9521i	-8.0316-34.0185i	3.4816+0.7025i	-0.3690-0.3750i	-1.5619+2.3195i	-0.6099-4.7349i	-0.3880-0.7391i
64.4	-75.9994-91.0131i	-108.5363-116.2140i	-10.7233-33.9308i	3.5802+0.7817i	-0.3747-0.3765i	-1.4556+2.2918i	-0.5855-4.6251i	-0.3493-0.6896i
64.5	-75.4284-87.0242i	-107.8804-111.3983i	-12.2321-30.9591i	3.5958+0.7342i	-0.3803-0.3623i	-1.2844+2.2774i	-0.6522-4.5933i	-0.3255-0.6103i
64.6	-74.1299-84.0146i	-106.4280-107.9508i	-11.4023-28.3830i	3.6391+0.5920i	-0.3777-0.3499i	-1.1094+2.2497i	-0.7315-4.5508i	-0.2970-0.5754i
64.7	-72.7000-81.9180i	-104.7892-105.3941i	-10.1440-27.2191i	3.7295+0.5355i	-0.3743-0.3612i	-1.0447+2.2145i	-0.8017-4.5079i	-0.2769-0.5448i
64.8	-71.7749-79.8106i	-103.8174-102.6641i	-9.9365-27.4516i	3.7202+0.4447i	-0.3624-0.3664i	-1.0004+2.1569i	-0.8673-4.3976i	-0.2706-0.5213i
64.9	-71.2829-76.9979i	-103.4611-99.1966i	-9.9932-28.0268i	3.6962+0.3482i	-0.3599-0.3553i	-0.8899+2.0714i	-1.0181-4.2479i	-0.2612-0.5158i
65.0	-71.5805-74.1195i	-103.7797-95.5964i	-9.5614-25.5155i	3.7713+0.3338i	-0.3739-0.3496i	-0.8217+2.0370i	-1.1046-4.2202i	-0.2191-0.5104i
65.1	-71.0396-70.9592i	-103.3006-91.5937i	-10.1552-20.4360i	3.8521+0.3268i	-0.3762-0.3486i	-0.7535+1.9353i	-1.1571-4.2111i	-0.1988-0.4036i
65.2	-70.0069-69.4330i	-102.1629-89.7569i	-9.0593-20.6158i	3.8811+0.3182i	-0.3649-0.3497i	-0.6784+1.8812i	-1.2378-4.1532i	-0.2174-0.4144i
65.3	-68.3717-66.5056i	-100.3642-86.0934i	-8.2655-22.4869i	3.8993+0.2173i	-0.3631-0.3328i	-0.6128+1.8076i	-1.3376-3.9449i	-0.2026-0.3854i
65.4	-66.4238-65.7196i	-98.0749-85.1248i	-7.3728-21.5312i	3.9070+0.1636i	-0.3580-0.3397i	-0.6063+1.7044i	-1.3562-3.8917i	-0.1676-0.3718i
65.5	-65.6931-63.7533i	-97.2431-82.7580i	-7.5005-21.0653i	3.9658+0.1538i	-0.3495-0.3390i	-0.5606+1.6321i	-1.4202-3.8161i	-0.1172-0.3544i
65.6	-64.4223-62.3830i	-95.7535-81.0351i	-10.6700-18.3306i	4.0107+0.1569i	-0.3581-0.3480i	-0.4848+1.5978i	-1.3256-3.7966i	-0.1007-0.3166i
65.7	-63.9817-60.8298i	-95.2773-79.1772i	-10.0052-16.3940i	4.0611+0.1441i	-0.3623-0.3465i	-0.4359+1.5223i	-1.4038-3.8043i	-0.0895-0.3073i
65.8	-61.7485-59.1494i	-92.7140-77.0739i	-9.3225-19.4658i	4.0334+0.1154i	-0.3491-0.3277i	-0.4591+1.4483i	-1.4482-3.5760i	-0.0829-0.3167i
65.9	-61.6164-57.0422i	-92.5946-74.2940i	-8.5174-17.3715i	4.1372+0.0523i	-0.3606-0.3363i	-0.4599+1.4032i	-1.5834-3.5315i	-0.0807-0.3026i
66.0	-60.9462-55.6448i	-92.0494-72.6080i	-6.4267-14.6819i	4.2700-0.0339i	-0.3662-0.3319i	-0.4946+1.3500i	-1.6858-3.5175i	-0.0541-0.3194i
66.1	-57.8224-53.2384i	-88.3647-69.5816i	-6.6310-17.5074i	4.2432-0.0169i	-0.3506-0.3281i	-0.5187+1.2833i	-1.6616-3.2743i	-0.0549-0.3224i
66.2	-57.0367-51.8347i	-87.4378-67.6249i	-8.0316-15.3340i	4.2217+0.0280i	-0.3466-0.3296i	-0.5155+1.2255i	-1.6137-3.2374i	-0.0631-0.2708i
66.3	-55.8399-52.0871i	-86.1029-68.0694i	-8.8767-13.9454i	4.3914-0.0028i	-0.3442-0.3166i	-0.4989+1.1893i	-1.5959-3.2516i	-0.0821-0.2829i
66.4	-54.6815-50.3964i	-84.7835-65.9478i	-8.8046-15.3954i	4.4304-0.0823i	-0.3421-0.3121i	-0.5227+1.1962i	-1.6696-3.1295i	-0.0759-0.3131i
66.5	-52.6369-48.8327i	-82.4739-63.8205i	-8.4617-13.4649i	4.5064-0.0847i	-0.3289-0.3107i	-0.5922+1.0678i	-1.6802-3.0264i	-0.0184-0.2526i
66.6	-50.8070-47.3213i	-80.4620-61.7759i	-7.6529-13.0582i	4.5617-0.1719i	-0.3154-0.3015i	-0.6421+1.0036i	-1.7436-2.8926i	0.0113-0.2357i
66.7	-49.6446-46.7661i	-79.1044-61.2801i	-8.8648-14.6652i	4.6318-0.1977i	-0.3155-0.2996i	-0.5905+1.0397i	-1.7392-2.8750i	-0.0035-0.2972i
66.8	-48.6385-46.8208i	-78.0870-61.2811i	-7.6170-13.2585i	4.8171-0.2193i	-0.3169-0.3065i	-0.5839+1.0136i	-1.7971-2.9324i	0.0242-0.3202i
66.9	-48.0980-45.8503i	-77.5043-59.8066i	-4.6348-11.4896i	4.9592-0.3988i	-0.3152-0.3098i	-0.7035+0.9874i	-1.9420-2.8638i	0.0581-0.3008i
67.0	-46.3669-43.7210i	-75.4526-57.0938i	-6.3981-12.4216i	4.9666-0.4475i	-0.3151-0.2929i	-0.6835+0.9674i	-1.9180-2.6837i	0.0319-0.2869i
67.1	-45.4834-41.8132i	-74.5169-54.6924i	-7.6527-13.1319i	4.9559-0.4042i	-0.3083-0.2832i	-0.6936+0.9357i	-1.9473-2.5579i	0.0435-0.2830i
67.2	-42.7418-40.4833i	-71.2880-52.8892i	-5.2504-15.1768i	5.0701-0.5612i	-0.2883-0.2726i	-0.7526+0.9271i	-1.9921-2.3669i	0.0664-0.3064i
67.3	-41.5759-41.5808i	-69.7916-54.2930i	-6.7782-11.5763i	5.2956-0.5019i	-0.2845-0.2847i	-0.7543+0.8688i	-1.9316-2.5005i	0.0589-0.2498i
67.4	-40.4106-42.5199i	-68.4098-55.0351i	-3.3631-9.7792i	5.5066-0.7786i	-0.2889-0.2968i	-0.8666+0.8616i	-2.0144-2.5037i	0.1086-0.2616i
67.5	-39.0253-40.5882i	-66.8023-52.3683i	-0.6027-10.9803i	5.5497-1.0666i	-0.2838-0.2868i	-1.0006+0.8957i	-2.1585-2.2717i	0.1454-0.3166i
67.6	-38.1340-38.9378i	-65.6429-50.3331i	-1.9685-10.7180i	5.6203-0.9908i	-0.2837-0.2833i	-0.9985+0.9461i	-2.1848-2.1853i	0.0798-0.3499i
67.7	-36.0260-37.9832i	-63.2340-49.0589i	-1.4456-11.3942i	5.6167-1.0896i	-0.2606-0.2770i	-1.0654+0.9208i	-2.1488-2.0411i	0.1233-0.3546i
67.8	-34.8337-37.6193i	-61.8950-48.6086i	-0.7862-12.4494i	5.7227-1.2754i	-0.2604-0.2782i	-1.1005+0.9377i	-2.2194-1.9637i	0.1271-0.3672i
67.9	-33.9619-38.2480i	-60.9119-49.0994i	1.3631-10.3782i	6.1610-1.4095i	-0.2678-0.2898i	-1.1254+0.9327i	-2.3686-2.0357i	0.1505-0.4373i
68.0	-32.5582-36.2679i	-59.3690-46.9313i	-0.5046-11.5590i	6.1494-1.4198i	-0.2635-0.2700i	-1.0886+0.9615i	-2.3554-1.8772i	0.1376-0.4442i
68.1	-30.8636-36.5299i	-57.3365-47.0522i	0.6855-11.3590i	6.1821-1.6235i	-0.2559-0.2731i	-1.1545+0.9894i	-2.3781-1.7710i	0.1230-0.4694i
68.2	-28.8617-36.4979i	-54.9532-46.7648i	3.2610-10.8115i	6.4190-2.0016i	-0.2538-0.2704i	-1.2719+0.9850i	-2.4906-1.6304i	0.1546-0.5157i
68.3	-27.2024-36.4206i	-52.8428-46.7609i	1.3422-11.2037i	6.6401-2.0192i	-0.2657-0.2790i	-1.2691+1.0531i	-2.4987-1.5812i	0.1136-0.5394i
68.4	-25.4175-36.2072i	-50.7761-46.1210i	0.5257-11.1947i	6.6467-2.1451i	-0.2600-0.2747i	-1.2883+1.0846i	-2.4642-1.4631i	0.0821-0.5189i
68.5	-23.3783-37.2935i	-48.1238-47.0421i	2.2202-11.0395i	6.7579-2.5978i	-0.2408-0.2610i	-1.3793+1.1423i	-2.4424-1.2816i	0.0889-0.5206i
68.6	-22.2326-36.5536i	-46.6311-46.3110i	3.9139-15.6186i	6.7279-2.9803i	-0.2372-0.2469i	-1.4855+1.1591i	-2.5065-1.0265i	0.0993-0.5805i

68.7	-19.9587-38.0587i	-44.1043-48.1953i	3.2203-13.5639i	7.1529-3.2311i	-0.2467-0.2533i	-1.5217+1.1868i	-2.5802-1.0573i	0.1113-0.5771i
68.8	-19.3735-38.3773i	-43.4057-48.8401i	3.9182-15.0763i	7.1493-3.6587i	-0.2561-0.2377i	-1.4859+1.2631i	-2.6674-0.9141i	0.0487-0.6254i
68.9	-17.1362-40.0758i	-40.7437-50.3264i	5.5741-16.5036i	7.0605-4.2147i	-0.2317-0.2310i	-1.6451+1.4068i	-2.6163-0.6522i	0.0541-0.7037i
69.0	-15.7857-40.6028i	-39.1442-50.8739i	4.5249-13.9184i	7.4692-4.3291i	-0.2309-0.2240i	-1.6390+1.3999i	-2.6508-0.6478i	0.0035-0.6773i
69.1	-14.9475-40.7343i	-37.9137-50.9832i	4.7523-13.1848i	7.7035-4.6098i	-0.2529-0.2095i	-1.6942+1.4886i	-2.7680-0.5619i	-0.0285-0.6838i
69.2	-12.2016-42.9201i	-34.6735-53.8610i	6.2533-14.8438i	7.8698-5.4312i	-0.2493-0.1918i	-1.7613+1.6289i	-2.8243-0.3612i	-0.0671-0.6969i
69.3	-9.3245-43.8213i	-31.2807-54.8901i	4.4218-18.0247i	7.5167-5.8910i	-0.2188-0.1609i	-1.7675+1.7233i	-2.6596-0.0532i	-0.0912-0.6564i
69.4	-9.9154-44.4958i	-32.0397-55.5774i	6.1651-18.7360i	7.2347-6.6094i	-0.2089-0.1252i	-1.7232+1.8375i	-2.6952+0.2478i	-0.1088-0.6670i
69.5	-9.0601-44.5818i	-31.1419-55.9243i	4.9186-19.4429i	7.1735-7.0724i	-0.2186-0.0907i	-1.7617+1.9735i	-2.7388+0.4686i	-0.1159-0.7146i
69.6	-8.7411-46.4410i	-30.6276-58.5240i	6.5230-21.1913i	7.0324-7.9087i	-0.2019-0.0558i	-1.8376+2.1179i	-2.7825+0.7763i	-0.0746-0.7572i
69.7	-9.4301-49.0015i	-31.6818-61.7706i	4.7356-24.7234i	5.9678-8.8180i	-0.1458-0.0169i	-1.7505+2.2644i	-2.5366+1.2083i	-0.1783-0.7810i
69.8	-8.0365-52.6337i	-29.8742-66.3768i	4.3352-24.9669i	5.6230-9.8032i	-0.0945+0.0186i	-1.6341+2.4053i	-2.3721+1.4945i	-0.2492-0.7944i
69.9	-5.6163-54.1798i	-27.2425-67.9921i	3.1702-25.1361i	5.5084-10.0940i	-0.0595+0.0298i	-1.7434+2.5892i	-2.2656+1.6522i	-0.2088-0.8709i
70.0	-5.9120-55.2220i	-27.9138-69.7953i	3.3184-26.1675i	5.1526-10.9981i	-0.0375+0.0992i	-1.5915+2.6486i	-2.2692+2.0328i	-0.2793-0.8225i
70.1	-8.1580-58.1292i	-30.9813-73.1172i	1.5989-24.5634i	4.0374-11.2946i	0.0398+0.1010i	-1.4006+2.7487i	-1.8847+2.1778i	-0.3660-0.8232i
70.2	-8.9795-58.3296i	-32.3504-73.3443i	-0.9133-24.9887i	2.9698-11.3543i	0.1077+0.1399i	-1.2254+2.7888i	-1.5363+2.4126i	-0.4092-0.8375i
70.3	-11.9346-59.5084i	-36.5504-74.9926i	-1.6489-25.1481i	1.5963-11.6031i	0.1863+0.1641i	-1.0621+2.8434i	-1.1389+2.6914i	-0.4583-0.8290i
70.4	-14.4215-60.4724i	-39.9664-76.1388i	-2.1092-27.4607i	0.1714-11.6472i	0.2756+0.1407i	-1.0176+3.0124i	-0.6817+2.8967i	-0.5034-0.9151i
70.5	-17.2362-61.9454i	-43.9091-77.6934i	-1.6024-27.7846i	-1.0458-11.6497i	0.3828+0.1120i	-0.9684+3.0047i	-0.2384+3.0106i	-0.5512-0.9161i
70.6	-19.2999-59.2963i	-47.0746-73.9677i	-2.1348-28.7821i	-2.2412-10.9660i	0.4865+0.0660i	-0.8720+2.9632i	0.2887+2.9967i	-0.6131-0.8603i
70.7	-17.7574-61.2024i	-45.4446-75.6531i	-5.8739-28.3409i	-2.7803-10.5124i	0.5555-0.0161i	-0.7610+3.1100i	0.7008+2.8502i	-0.7177-0.8189i
70.8	-17.4693-60.2583i	-45.7805-73.7430i	-8.7713-26.3772i	-3.1964-9.2713i	0.6190-0.1276i	-0.7820+2.9721i	1.1121+2.4388i	-0.7359-0.7033i
70.9	-18.1268-59.5690i	-47.1775-72.3415i	-10.4366-25.4172i	-3.7486-8.7199i	0.6615-0.1765i	-0.8013+2.9782i	1.4103+2.3498i	-0.7695-0.6974i
71.0	-20.5820-60.0018i	-50.3116-72.8124i	-7.8733-24.5604i	-4.2337-8.5958i	0.6896-0.1861i	-0.6261+3.1531i	1.6054+2.3748i	-0.8243-0.7537i
71.1	-20.0630-58.8542i	-49.7578-70.6074i	-8.6962-23.8621i	-4.4865-7.6022i	0.7221-0.2845i	-0.5535+3.1665i	1.9057+2.0395i	-0.8411-0.7299i
71.2	-19.4798-55.5344i	-49.4260-66.2118i	-9.5963-24.3645i	-4.8745-6.5980i	0.7766-0.3598i	-0.6280+3.0028i	2.1898+1.7515i	-0.8130-0.6472i
71.3	-19.7539-54.1387i	-49.8074-64.1316i	-8.3823-23.9337i	-4.8669-6.0509i	0.7952-0.4379i	-0.5700+2.8919i	2.2586+1.4685i	-0.8291-0.5750i
71.4	-18.6486-54.2843i	-48.2098-63.0205i	-10.7800-24.3003i	-4.8375-5.0900i	0.7576-0.5137i	-0.4377+3.2178i	2.4016+1.1910i	-0.9363-0.6363i
71.5	-19.3993-54.2508i	-48.6983-62.0426i	-9.3103-24.4496i	-4.6025-4.3640i	0.7529-0.6103i	-0.3395+3.3740i	2.4693+0.8026i	-0.9738-0.6284i
71.6	-18.0607-55.3270i	-46.4011-62.7966i	-9.9861-22.8944i	-3.8828-3.9275i	0.7319-0.7022i	-0.2253+3.3360i	2.4050+0.4183i	-0.9954-0.5340i
71.7	-18.0149-53.2839i	-46.6505-60.0350i	-10.0351-24.4117i	-4.1369-3.7852i	0.7209-0.7329i	-0.3000+3.3815i	2.3935+0.4079i	-1.0002-0.5784i
71.8	-17.8473-53.9227i	-45.9911-60.2705i	-9.4065-25.0645i	-3.8134-3.4514i	0.6934-0.8009i	-0.0327+3.5806i	2.3817+0.1622i	-1.1268-0.5685i
71.9	-17.5717-53.6697i	-45.4743-59.6517i	-10.1854-25.2882i	-3.8511-3.0339i	0.6754-0.8586i	-0.0409+3.5365i	2.3911-0.0071i	-1.1060-0.4827i
72.0	-17.3665-54.6526i	-44.7926-60.4706i	-11.8067-24.9278i	-3.7666-2.8064i	0.6382-0.8737i	0.1870+3.6992i	2.3543-0.0836i	-1.2136-0.4800i
72.1	-19.0086-57.6321i	-45.6933-63.8108i	-12.0781-24.9370i	-3.2354-2.6617i	0.5839-0.9304i	0.7790+3.8799i	2.3031-0.3624i	-1.4063-0.3894i
72.2	-18.6790-56.6988i	-45.3341-62.3301i	-11.8384-25.3590i	-3.1668-2.4741i	0.5686-0.9552i	0.7968+3.8223i	2.2806-0.4159i	-1.4082-0.3605i
72.3	-17.7918-55.8082i	-44.1597-60.9591i	-12.7501-24.3412i	-3.0335-2.3982i	0.5431-0.9438i	0.8182+3.7599i	2.1995-0.4179i	-1.4105-0.3398i
72.4	-17.8968-56.2661i	-43.9321-61.0045i	-12.7491-25.5154i	-3.0509-2.3893i	0.5123-1.0180i	0.9220+3.8226i	2.1626-0.5395i	-1.4559-0.3209i
72.5	-20.4515-56.0848i	-46.4821-60.5067i	-13.1008-25.6486i	-2.9500-2.2658i	0.4539-1.0604i	1.2166+3.7149i	2.0413-0.7128i	-1.4862-0.2318i
72.6	-21.3683-57.8816i	-47.3955-62.5784i	-13.8668-24.2707i	-2.9106-2.2616i	0.4931-1.0563i	1.4078+3.5641i	2.1216-0.7779i	-1.5285-0.1033i
72.7	-20.2180-56.5487i	-45.6860-60.9214i	-14.5794-24.8661i	-2.7046-2.0604i	0.5128-1.0428i	1.6053+3.4198i	2.1620-0.7804i	-1.6028+0.0592i
72.8	-20.1081-55.7957i	-45.1004-60.0327i	-15.1977-24.9979i	-2.5723-2.0548i	0.4908-1.0792i	1.6844+3.2615i	2.0622-0.8824i	-1.5779+0.1612i
72.9	-20.1100-56.1970i	-44.6255-60.4042i	-16.8381-24.6851i	-2.5400-2.0508i	0.4753-1.1194i	1.8698+3.1332i	2.0310-0.9821i	-1.5997+0.2810i
73.0	-19.7424-56.0524i	-44.1097-60.0842i	-17.8409-25.2596i	-2.5401-1.9138i	0.4603-1.1056i	1.9827+3.1550i	2.0325-0.9515i	-1.6485+0.3450i
73.1	-19.7299-56.4566i	-44.0822-60.7114i	-19.3548-24.5183i	-2.5050-1.9710i	0.4154-1.1209i	1.9983+3.1200i	1.9424-0.9615i	-1.6313+0.4022i
73.2	-20.3940-56.2170i	-44.6689-60.3187i	-18.6588-23.8966i	-2.3786-2.0055i	0.3935-1.1774i	1.9970+2.9974i	1.8326-1.0684i	-1.5616+0.4649i
73.3	-22.5084-56.0849i	-46.5779-59.4212i	-17.7873-23.8957i	-2.3258-2.0589i	0.3676-1.2886i	2.1402+2.8609i	1.7644-1.2633i	-1.5303+0.5617i
73.4	-23.3702-55.4860i	-47.2339-58.8136i	-18.0036-23.7655i	-2.4785-1.9632i	0.3446-1.3339i	2.1356+2.7152i	1.7412-1.3370i	-1.4579+0.6220i
73.5	-22.5533-55.3115i	-45.9003-58.8830i	-19.8099-23.4756i	-2.3582-2.0063i	0.3227-1.3114i	2.2535+2.6071i	1.6870-1.3052i	-1.4280+0.7155i
73.6	-22.2876-55.3916i	-45.4306-59.1833i	-21.0042-21.5251i	-2.2590-1.9823i	0.2930-1.3254i	2.3099+2.4915i	1.5981-1.3571i	-1.3924+0.7497i
73.7	-25.4025-55.6271i	-48.5895-59.6238i	-21.1219-20.5851i	-2.3502-1.9484i	0.2593-1.3853i	2.5171+2.0998i	1.5376-1.4980i	-1.3433+0.9681i
73.8	-26.3352-54.1115i	-49.0551-57.9100i	-21.2491-21.1626i	-2.4985-1.8389i	0.1313-1.4154i	2.4091+2.0031i	1.3356-1.5246i	-1.2654+0.9806i
73.9	-27.2479-52.9328i	-49.7415-56.3333i	-21.2926-21.8197i	-2.4824-1.6589i	0.0693-1.4453i	2.4044+1.9370i	1.2613-1.5614i	-1.1860+1.0733i
74.0	-26.9312-52.8641i	-49.4874-56.1822i	-22.2090-20.0139i	-2.5028-1.6516i	0.0914-1.4572i	2.4285+1.8081i	1.2976-1.5714i	-1.1033+1.1400i
74.1	-26.6861-52.4857i	-49.0403-55.9271i	-22.9859-19.1707i	-2.5387-1.6378i	0.1223-1.4352i	2.5156+1.6226i	1.3282-1.5501i	-1.0210+1.2316i
74.2	-26.9448-49.9649i	-48.9493-53.1589i	-22.5899-20.4807i	-2.7199-1.7417i	-0.0140-1.3704i	2.3802+1.6573i	1.1035-1.3868i	-0.9869+1.1672i
74.3	-26.3036-49.0424i	-47.9630-52.3827i	-24.1642-18.8217i	-2.7554-1.5928i	-0.0137-1.4056i	2.2487+1.4294i	1.0985-1.4505i	-0.8250+1.2103i
74.4	-26.3305-49.7567i	-47.8650-53.2597i	-24.0750-17.4294i	-2.6662-1.4333i	-0.0488-1.4394i	2.3025+1.3997i	1.0342-1.5111i	-0.7983+1.2363i
74.5	-25.7526-48.3751i	-47.2280-51.9477i	-25.7404-17.6009i	-2.8982-1.4531i	-0.0614-1.3335i	2.3310+1.3397i	1.0302-1.3248i	-0.7391+1.2494i
74.6	-26.1543-46.9899i	-47.3770-50.3978i	-25.9205-17.8329i	-2.9504-1.4169i	-0.1356-1.3554i	2.2516+1.2958i	0.9284-1.3379i	-0.6436+1.1929i
74.7	-26.2069-45.8145i	-47.1998-49.4665i	-26.2075-17.3155i	-2.8062-1.2832i	-0.1784-1.3292i	2.2599+1.2857i	0.8611-1.3109i	-0.6072+1.1453i
74.8	-23.6938-45.5258i	-44.6533-49.3752i	-26.5231-16.0658i	-3.0332-1.3430i	-0.1288-1.2778i	2.2055+1.3254i	0.9268-1.1566i	-0.6345+1.1099i
74.9	-23.5051-44.5212i	-44.5473-48.0429i	-27.1927-15.2466i	-3.0984-1.2938i	-0.0862-1.2575i	2.2157+1.2403i	0.9865-1.1134i	-0.5854+1.1429i

75.0	-22.9197-43.3546i	-43.8771-47.0973i	-28.1783-14.6245i	-3.1660-0.9458i	-0.1381-1.2052i	2.1669+1.1672i	0.9219-1.0588i	-0.5336+1.0981i
75.1	-20.8376-42.4466i	-41.4245-46.4989i	-28.4983-14.8014i	-3.2826-0.8536i	-0.1331-1.1271i	2.1607+1.2238i	0.9291-0.9188i	-0.5456+1.0319i
75.2	-20.8055-41.0405i	-41.1052-45.2311i	-29.0977-14.0694i	-3.1755-0.6772i	-0.1192-1.0866i	2.1978+1.0137i	0.9172-0.8825i	-0.4775+1.0457i
75.3	-20.7842-41.8218i	-41.3125-45.9846i	-29.4791-11.8603i	-3.1135-0.5245i	-0.0549-1.1703i	2.2045+0.8508i	1.0191-0.9984i	-0.4043+1.0653i
75.4	-19.5038-41.9114i	-40.2718-46.0439i	-29.3295-11.3968i	-3.1728-0.4229i	-0.0368-1.1745i	2.1626+0.9399i	1.0499-0.9623i	-0.4275+1.0263i
75.5	-20.1731-40.3412i	-40.9233-44.1994i	-29.4622-11.9950i	-3.2303-0.3484i	-0.0752-1.1455i	2.1476+0.8259i	1.0020-0.9151i	-0.3830+1.0286i
75.6	-17.9208-37.6671i	-38.2548-41.6810i	-31.3659-12.5839i	-3.3758-0.4084i	-0.0162-0.9900i	2.1331+0.7205i	1.0366-0.6560i	-0.3729+1.0578i
75.7	-16.2892-39.2843i	-36.7512-43.6414i	-30.8708-10.4585i	-3.2357-0.2421i	0.0329-1.0109i	2.0954+0.7331i	1.0884-0.6512i	-0.4053+1.0499i
75.8	-13.5067-41.1123i	-34.2460-45.6524i	-32.1848-7.6553i	-3.2669+0.0137i	0.1744-1.0967i	2.1133+0.7053i	1.3083-0.7265i	-0.4207+1.0688i
75.9	-11.5056-40.2749i	-32.1697-44.8104i	-33.3468-6.8656i	-3.4192+0.2352i	0.2466-1.1186i	2.0272+0.6258i	1.4032-0.7030i	-0.3872+1.0819i
76.0	-11.2900-38.5782i	-31.8415-43.1810i	-34.3785-8.4199i	-3.6026+0.5643i	0.2880-1.0273i	2.0684+0.5984i	1.4804-0.5714i	-0.3533+1.1034i
76.1	-10.2108-39.4045i	-31.1184-44.0715i	-34.8576-6.2366i	-3.7622+0.6748i	0.3659-1.1259i	1.9422+0.4994i	1.5859-0.6271i	-0.2810+1.0758i
76.2	-8.5975-42.1306i	-29.4456-46.6717i	-34.9241-2.5003i	-3.5286+0.7073i	0.4513-1.3354i	1.8646+0.3438i	1.7227-0.8253i	-0.2587+1.1310i
76.3	-8.4115-42.2294i	-29.1455-46.6616i	-34.6753-1.7305i	-3.4389+0.8940i	0.4498-1.3533i	1.8350+0.2951i	1.7200-0.8255i	-0.2489+1.1327i
76.4	-6.8340-41.3783i	-27.7396-45.5440i	-35.2544-0.7669i	-3.4792+1.1439i	0.5294-1.3749i	1.7669+0.1710i	1.8269-0.8022i	-0.2066+1.1674i
76.5	-4.9672-43.8826i	-26.0435-47.8866i	-35.7224+3.3536i	-3.5903+1.4890i	0.6249-1.6143i	1.6421+0.0705i	2.0195-0.9906i	-0.1386+1.2544i
76.6	-5.2797-45.4817i	-26.0371-49.1831i	-34.1150+5.0725i	-3.5199+1.6542i	0.5428-1.7633i	1.5516+0.0929i	1.9856-1.1335i	-0.0709+1.2323i
76.7	-4.5784-47.8672i	-25.6979-51.7464i	-33.1424+5.8134i	-3.3257+1.6008i	0.5049-1.8508i	1.5265+0.2428i	2.0183-1.1355i	-0.1062+1.1792i
76.8	-2.7944-45.7017i	-23.9254-49.5438i	-37.5302+6.3772i	-3.3979+1.9344i	0.7122-1.8170i	1.6530+0.0917i	2.2726-1.0058i	-0.1182+1.2896i
76.9	-1.5168-46.1006i	-22.5732-49.3422i	-37.4705+9.8236i	-3.4099+2.3860i	0.7517-2.0550i	1.5762-0.0286i	2.4324-1.2296i	-0.0043+1.2907i
77.0	-0.6351-48.5168i	-21.5338-51.7201i	-36.1412+11.9539i	-3.2604+2.6260i	0.7049-2.2082i	1.4730-0.0177i	2.4889-1.3481i	0.0711+1.3567i
77.1	0.9564-51.6864i	-19.9273-54.9155i	-35.7507+15.1689i	-2.8800+2.9459i	0.6941-2.4210i	1.3392-0.0645i	2.6141-1.5538i	0.1624+1.3946i
77.2	0.0398-54.4173i	-20.9726-57.3769i	-33.0363+17.2823i	-2.7344+3.0257i	0.5396-2.5690i	1.2573+0.0684i	2.5869-1.7423i	0.2517+1.3631i
77.3	-0.9231-53.9522i	-21.7649-56.5792i	-31.1509+17.2053i	-2.7592+3.0942i	0.4076-2.6016i	1.2753+0.1522i	2.4946-1.7626i	0.2814+1.2719i
77.4	-0.0758-54.8069i	-20.9767-57.3758i	-31.5930+18.6985i	-2.6121+3.3435i	0.4090-2.6851i	1.2390+0.1352i	2.5995-1.7833i	0.3551+1.2512i
77.5	-1.8326-57.4657i	-22.7503-59.8779i	-29.0923+20.7997i	-2.0440+3.4627i	0.2184-2.8450i	1.1768+0.1307i	2.5228-2.0171i	0.4484+1.1516i
77.6	-3.7309-61.4350i	-24.5236-63.4406i	-26.1666+25.8649i	-1.4461+3.9444i	-0.0054-3.1680i	1.1181+0.1113i	2.5658-2.4699i	0.5817+1.0637i
77.7	-3.2220-63.6703i	-23.8193-65.4484i	-23.4930+28.2293i	-1.2519+4.4472i	-0.2169-3.3643i	1.0169+0.2075i	2.5874-2.7116i	0.6278+0.9420i
77.8	-5.1976-63.6549i	-25.6035-65.3447i	-19.5525+27.3712i	-1.2199+4.2396i	-0.4898-3.3402i	0.9754+0.3291i	2.3569-2.7698i	0.6152+0.7957i
77.9	-5.9878-65.0034i	-26.1988-66.4933i	-17.3750+28.3366i	-1.0809+4.3788i	-0.6349-3.4164i	0.9765+0.3218i	2.3569-2.9128i	0.6268+0.7511i
78.0	-9.7968-64.3831i	-29.5026-65.5464i	-13.7691+28.5948i	-0.3381+4.1734i	-0.9279-3.3332i	0.9818+0.2554i	2.0891-3.1061i	0.6342+0.6295i
78.1	-10.7851-63.0584i	-30.2651-64.2806i	-11.5949+27.1646i	-0.0961+3.9177i	-1.0855-3.2168i	0.9620+0.3026i	1.9353-3.0791i	0.5584+0.5466i
78.2	-10.3731-63.4604i	-29.6044-64.6624i	-10.5449+25.3845i	-0.0363+3.8151i	-1.2062-3.0970i	1.0300+0.4538i	1.8827-3.0364i	0.4295+0.4908i
78.3	-11.8883-66.1177i	-31.0730-67.3859i	-8.3751+26.9691i	0.2953+3.6879i	-1.3640-3.1246i	1.0454+0.4622i	1.8371-3.2417i	0.3510+0.4579i
78.4	-13.5807-65.7145i	-32.3352-66.9874i	-4.3353+26.6120i	0.4324+3.6983i	-1.6004-3.0450i	1.0161+0.4888i	1.6472-3.3827i	0.3132+0.3995i
78.5	-15.4323-65.0054i	-33.7801-66.0072i	-3.0152+25.6653i	0.7061+3.6031i	-1.7363-2.9173i	1.0809+0.4162i	1.5367-3.4489i	0.2935+0.4081i
78.6	-17.9925-65.1441i	-36.5053-65.8633i	-0.4419+25.3023i	0.9955+3.3224i	-1.9135-2.8524i	1.1276+0.3979i	1.3513-3.5592i	0.2251+0.4555i
78.7	-18.9221-64.3042i	-37.1110-65.0984i	1.6231+23.2516i	1.0600+2.9366i	-2.0386-2.6721i	1.1673+0.4662i	1.1568-3.5223i	0.1117+0.4615i
78.8	-17.9538-62.6641i	-35.8121-63.9179i	2.2041+19.0051i	0.9279+2.5855i	-1.9467-2.3511i	1.2911+0.4760i	1.0548-3.2671i	0.0398+0.5574i
78.9	-17.2755-61.1917i	-34.9914-62.5113i	1.8506+15.0376i	0.5171+2.5117i	-1.7920-2.2193i	1.3898+0.3809i	1.1388-3.0535i	-0.0044+0.6098i
79.0	-15.9252-61.4278i	-33.3860-62.5818i	0.2300+14.6122i	0.1436+3.0010i	-1.7425-2.3687i	1.2647+0.2469i	1.4126-3.1912i	0.0099+0.6179i
79.1	-15.8323-63.8997i	-32.9326-65.1586i	-0.2077+16.4263i	0.3879+3.2686i	-1.8890-2.4088i	1.1910+0.3372i	1.3740-3.4850i	-0.0024+0.7219i
79.2	-17.6881-64.6493i	-34.5416-65.6954i	1.6387+16.3429i	0.8740+3.0127i	-2.0672-2.2892i	1.2595+0.4925i	1.0788-3.6447i	-0.0376+0.7762i
79.3	-20.0088-64.2156i	-36.7040-65.6697i	3.4116+15.9468i	1.1703+2.8765i	-2.1725-2.1237i	1.2704+0.4346i	0.8139-3.7710i	0.0632+0.8118i
79.4	-20.8811-63.9038i	-37.3551-65.6362i	4.7750+15.6890i	1.3758+2.9452i	-2.2263-2.0401i	1.2706+0.3867i	0.6288-3.8571i	0.0737+0.8828i
79.5	-21.5460-63.9671i	-37.6815-65.5236i	5.4213+14.7642i	1.2627+2.9438i	-2.2519-1.9723i	1.3301+0.4498i	0.5001-3.8371i	0.0432+0.8426i
79.6	-23.4352-63.8603i	-39.4887-65.5893i	6.7539+13.4982i	1.3930+2.7949i	-2.3065-1.9143i	1.3752+0.4727i	0.3039-3.8765i	0.0521+0.8248i
79.7	-25.1263-63.2711i	-41.1782-65.2127i	7.4976+10.6273i	1.5581+2.6693i	-2.3317-1.7786i	1.4874+0.4426i	0.0212-3.8166i	0.0635+0.8920i
79.8	-26.5314-61.8525i	-42.1287-63.8841i	8.0333+9.5199i	1.5125+2.6500i	-2.3510-1.6952i	1.5478+0.2989i	-0.1682-3.7803i	0.1698+0.9507i
79.9	-28.0176-60.8580i	-43.6759-62.8293i	9.1472+8.8925i	1.5387+2.5385i	-2.4072-1.6530i	1.5424+0.2198i	-0.3234-3.8108i	0.2024+0.9661i
80.0	-27.8655-59.8839i	-43.3856-62.0511i	8.5475+7.7339i	1.6586+2.6106i	-2.3925-1.5565i	1.5113+0.1915i	-0.3912-3.6858i	0.2008+0.9297i

2.1.44 Run 4 – IP050-200 – Accels 9–16

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	2.8447+0.0000i	-6.7676+0.0000i	-6.9668+0.0000i	12.7562+0.0000i	7.1309+0.0000i	2.5070+0.0000i	-2.1628+0.0000i	17.8821+0.0000i
0.1	1.0793+0.4163i	-5.5836-0.4437i	-6.2832-1.1117i	10.5929-1.4073i	4.9914-2.2175i	2.1563-0.5284i	-1.9501+1.1407i	15.2746-0.8337i
0.2	-3.8044-2.5920i	0.0462-0.4566i	1.5543-2.7194i	1.3306-0.8128i	2.5054-1.7756i	-0.3209-3.2816i	0.2863-1.0143i	-0.2971-0.0130i
0.3	-1.9008-0.3164i	-0.1801+0.0433i	1.1332-1.9919i	1.7311-1.5195i	3.2368-1.2666i	-0.7181-0.8384i	0.3392-1.0067i	0.3628-0.3668i
0.4	0.6335-0.2175i	-0.4243+0.1427i	0.0229-0.4798i	-0.1721-0.3452i	0.4724-0.3012i	0.6226+0.2343i	0.3972-0.3316i	0.5873-0.1824i
0.5	-0.2009+0.2253i	0.0135+0.0955i	-0.0107+0.1109i	0.0302-0.0383i	0.0747+0.2005i	0.0015+0.2199i	-0.0615+0.0218i	0.0384+0.0499i
0.6	-0.0365+0.0084i	-0.1164-0.0002i	-0.0511-0.0094i	-0.0403+0.0004i	-0.0421+0.0199i	-0.0663+0.0307i	-0.0668+0.0172i	-0.0291+0.0468i
0.7	-0.0087-0.0117i	-0.1594-0.0320i	-0.0432-0.0118i	-0.0432+0.0189i	0.0096-0.0146i	-0.0504-0.0372i	-0.0645+0.0065i	-0.0004-0.0270i
0.8	-0.0457-0.0254i	-0.1847-0.0316i	-0.0425+0.0010i	-0.0671+0.0030i	-0.0027-0.0141i	-0.0242-0.0251i	-0.0651-0.0014i	-0.0136-0.0131i
0.9	-0.1022-0.0079i	-0.2194-0.0421i	-0.0543-0.0183i	-0.1025-0.0234i	-0.0082-0.0030i	-0.0443-0.0113i	-0.0924-0.0127i	-0.0208-0.0097i
1.0	-0.1065-0.0079i	-0.2135-0.0391i	-0.0722-0.0229i	-0.1321-0.0159i	-0.0237+0.0068i	-0.0609-0.0064i	-0.1248-0.0047i	-0.0271-0.0019i
1.1	-0.1278+0.0067i	-0.2833+0.0097i	-0.0806-0.0094i	-0.1384+0.0375i	-0.0030+0.0159i	-0.0938-0.0047i	-0.1391+0.0484i	-0.0388+0.0067i
1.2	-0.2176-0.0002i	-0.4684-0.0226i	-0.1142-0.0014i	-0.2339+0.0534i	-0.0539+0.0002i	-0.1198-0.0320i	-0.2329+0.0570i	-0.0485+0.0088i
1.3	-0.2667+0.0104i	-0.5476-0.0002i	-0.1369+0.0068i	-0.2504+0.1504i	-0.0461-0.0040i	-0.1485-0.0326i	-0.2511+0.1507i	-0.0525+0.0003i
1.4	-0.3982+0.0216i	-0.7010-0.0181i	-0.1033-0.0253i	0.0397+0.0652i	-0.0444-0.0051i	-0.2442-0.0259i	0.0372+0.0589i	-0.0584-0.0076i
1.5	-0.5346+0.1834i	-0.8683+0.0838i	-0.1662-0.1351i	-0.1766-0.5156i	-0.0537+0.0007i	-0.2804+0.0873i	-0.1933-0.5084i	-0.0769-0.0105i
1.6	-0.5660+0.2835i	-0.9939+0.1661i	-0.3484-0.1343i	-1.0610-0.4265i	-0.0603-0.0099i	-0.1970+0.0832i	-1.0732-0.3961i	-0.0967-0.0075i
1.7	-0.6426+0.3493i	-1.1593+0.2489i	-0.4562-0.0664i	-1.4346+0.0687i	-0.0685-0.0167i	-0.2210+0.0214i	-1.4315+0.1066i	-0.1138-0.0016i
1.8	-0.8438+0.6396i	-1.4741+0.5114i	-0.5988-0.0160i	-1.7900+0.7469i	-0.0952-0.0215i	-0.3204-0.0398i	-1.7662+0.7865i	-0.1450+0.0075i
1.9	-0.8419+1.1094i	-1.6243+0.9103i	-0.7626+0.0155i	-1.8357+1.6191i	-0.1211-0.0421i	-0.4657-0.1198i	-1.7899+1.6567i	-0.1773+0.0172i
2.0	-0.1941+1.5178i	-1.3522+1.2617i	-1.0451+0.0746i	-0.7705+2.4660i	-0.1923-0.0647i	-0.8565-0.1845i	-0.7056+2.4781i	-0.2209+0.0286i
2.1	0.7410+1.3350i	-1.1808+1.1571i	-1.7421+0.1747i	0.9551+2.3286i	-0.3418-0.0607i	-1.7535-0.1053i	1.0176+2.3007i	-0.3361+0.0372i
2.2	0.9547+1.0315i	-1.7983+1.1937i	-2.7584+0.5814i	1.4945+1.8268i	-0.5304+0.0096i	-2.8375+0.3434i	1.5551+1.7859i	-0.5129+0.0980i
2.3	1.0207+0.7991i	-1.1765+2.3737i	-1.9091+2.3805i	1.6387+1.2928i	-0.4297+0.3392i	-2.0378+2.1917i	1.6804+1.2300i	-0.3801+0.4038i
2.4	0.8752+0.3748i	2.3894+1.3126i	3.1111+1.3083i	1.0862+0.5865i	0.3932+0.2315i	2.9889+1.2332i	1.0581+0.5482i	0.4625+0.2357i
2.5	0.8256+0.2989i	1.5741+0.5501i	2.1169+0.4035i	1.1074+0.5312i	0.2412+0.0675i	1.9998+0.3384i	1.0866+0.5036i	0.2871+0.0768i
2.6	0.7458+0.2495i	0.9475+0.3757i	1.4396+0.2335i	1.0301+0.4583i	0.1277+0.0387i	1.3358+0.1763i	1.0151+0.4357i	0.1630+0.0446i
2.7	0.7081+0.1966i	0.6517+0.2575i	1.1607+0.1509i	1.0012+0.3694i	0.0781+0.0229i	1.0606+0.1047i	0.9871+0.3485i	0.1093+0.0276i
2.8	0.6680+0.1607i	0.4246+0.2086i	0.9831+0.1215i	0.9572+0.3042i	0.0455+0.0161i	0.8867+0.0835i	0.9453+0.2842i	0.0704+0.0226i
2.9	0.6128+0.1431i	0.2201+0.1808i	0.8617+0.1107i	0.8746+0.2710i	0.0197+0.0160i	0.7740+0.0766i	0.8641+0.2540i	0.0387+0.0187i
3.0	0.5770+0.1248i	0.0550+0.1342i	0.7770+0.0811i	0.8252+0.2366i	-0.0013+0.0092i	0.6957+0.0524i	0.8148+0.2217i	0.0129+0.0132i
3.1	0.5551+0.1135i	-0.0733+0.1249i	0.7140+0.0744i	0.7981+0.2138i	-0.0214+0.0082i	0.6356+0.0489i	0.7885+0.2004i	-0.0080+0.0130i
3.2	0.5355+0.1002i	-0.1983+0.1017i	0.6651+0.0662i	0.7701+0.1894i	-0.0390+0.0063i	0.5905+0.0442i	0.7610+0.1767i	-0.0267+0.0105i
3.3	0.5171+0.0912i	-0.3218+0.0855i	0.6287+0.0590i	0.7439+0.1727i	-0.0543+0.0052i	0.5560+0.0382i	0.7351+0.1602i	-0.0454+0.0086i
3.4	0.5027+0.0778i	-0.4417+0.0640i	0.5945+0.0496i	0.7253+0.1426i	-0.0693+0.0033i	0.5243+0.0326i	0.7162+0.1306i	-0.0657+0.0061i
3.5	0.4906+0.0786i	-0.5474+0.0727i	0.5677+0.0484i	0.7088+0.1451i	-0.0851+0.0051i	0.4991+0.0312i	0.6998+0.1341i	-0.0826+0.0071i
3.6	0.4776+0.0722i	-0.6545+0.0613i	0.5447+0.0452i	0.6900+0.1314i	-0.1020+0.0043i	0.4769+0.0302i	0.6825+0.1205i	-0.1012+0.0076i
3.7	0.4706+0.0676i	-0.7696+0.0449i	0.5250+0.0410i	0.6823+0.1250i	-0.1188+0.0027i	0.4582+0.0264i	0.6754+0.1145i	-0.1207+0.0043i
3.8	0.4642+0.0639i	-0.8709+0.0477i	0.5104+0.0402i	0.6757+0.1184i	-0.1336+0.0036i	0.4435+0.0269i	0.6681+0.1076i	-0.1370+0.0048i
3.9	0.4560+0.0639i	-0.9971+0.0505i	0.4954+0.0405i	0.6618+0.1148i	-0.1508+0.0051i	0.4304+0.0280i	0.6545+0.1051i	-0.1583+0.0052i
4.0	0.4565+0.0630i	-1.1013+0.0480i	0.4832+0.0389i	0.6667+0.1141i	-0.1726+0.0047i	0.4173+0.0265i	0.6601+0.1044i	-0.1791+0.0051i
4.1	0.4534+0.0559i	-1.2092+0.0319i	0.4743+0.0363i	0.6635+0.1029i	-0.1916+0.0006i	0.4078+0.0245i	0.6563+0.0929i	-0.2004+0.0032i
4.2	0.4463+0.0556i	-1.3277+0.0296i	0.4640+0.0377i	0.6558+0.1062i	-0.2102+0.0002i	0.3986+0.0252i	0.6485+0.0965i	-0.2229+0.0029i
4.3	0.4409+0.0573i	-1.4592+0.0323i	0.4541+0.0394i	0.6500+0.1083i	-0.2337+0.0041i	0.3892+0.0278i	0.6436+0.0993i	-0.2501+0.0053i
4.4	0.4387+0.0536i	-1.5812+0.0399i	0.4447+0.0393i	0.6478+0.0984i	-0.2597+0.0085i	0.3798+0.0291i	0.6417+0.0903i	-0.2774+0.0089i
4.5	0.4370+0.0495i	-1.7054+0.0252i	0.4377+0.0371i	0.6475+0.0892i	-0.2859+0.0052i	0.3724+0.0287i	0.6414+0.0808i	-0.3054+0.0061i
4.6	0.4321+0.0484i	-1.8434+0.0139i	0.4311+0.0378i	0.6408+0.0891i	-0.3122+0.0069i	0.3654+0.0293i	0.6351+0.0804i	-0.3357+0.0046i
4.7	0.4285+0.0485i	-1.9864+0.0204i	0.4259+0.0405i	0.6347+0.0914i	-0.3384+0.0129i	0.3612+0.0317i	0.6298+0.0837i	-0.3682+0.0093i
4.8	0.4292+0.0450i	-2.1180+0.0119i	0.4194+0.0392i	0.6381+0.0815i	-0.3690+0.0114i	0.3533+0.0318i	0.6336+0.0733i	-0.3992+0.0093i
4.9	0.4251+0.0421i	-2.2595+0.0059i	0.4116+0.0385i	0.6303+0.0730i	-0.4053+0.0083i	0.3462+0.0321i	0.6256+0.0639i	-0.4368+0.0075i
5.0	0.4192+0.0458i	-2.4434+0.0228i	0.4081+0.0427i	0.6179+0.0812i	-0.4521+0.0152i	0.3441+0.0360i	0.6148+0.0723i	-0.4881+0.0181i
5.1	0.4172+0.0460i	-2.5861+0.0237i	0.4039+0.0462i	0.6136+0.0804i	-0.4897+0.0206i	0.3402+0.0392i	0.6107+0.0725i	-0.5280+0.0226i
5.2	0.4163+0.0455i	-2.7595+0.0258i	0.3990+0.0495i	0.6124+0.0760i	-0.5362+0.0264i	0.3355+0.0428i	0.6097+0.0698i	-0.5776+0.0264i
5.3	0.4144+0.0480i	-2.9441+0.0269i	0.3950+0.0532i	0.6103+0.0820i	-0.5902+0.0284i	0.3304+0.0464i	0.6080+0.0762i	-0.6350+0.0282i
5.4	0.4156+0.0505i	-3.1367+0.0370i	0.3934+0.0619i	0.6106+0.0859i	-0.6515+0.0423i	0.3285+0.0553i	0.6094+0.0789i	-0.7036+0.0396i
5.5	0.4196+0.0517i	-3.3139+0.0455i	0.3926+0.0704i	0.6152+0.0857i	-0.7066+0.0524i	0.3257+0.0655i	0.6149+0.0783i	-0.7615+0.0510i
5.6	0.4228+0.0531i	-3.5140+0.0513i	0.3884+0.0758i	0.6231+0.0859i	-0.7907+0.0589i	0.3199+0.0713i	0.6236+0.0761i	-0.8384+0.0611i

5.7	0.4283+0.0531i	-3.7268+0.1094i	0.3871+0.0851i	0.6281+0.0841i	-0.8768+0.0924i	0.3191+0.0812i	0.6291+0.0748i	-0.9282+0.0956i
5.8	0.4323+0.0560i	-3.9203+0.1490i	0.3836+0.0992i	0.6346+0.0945i	-0.9610+0.1320i	0.3141+0.0944i	0.6355+0.0840i	-1.0169+0.1303i
5.9	0.4374+0.0553i	-4.1217+0.1770i	0.3946+0.1190i	0.6444+0.0947i	-1.0413+0.1815i	0.3234+0.1129i	0.6471+0.0845i	-1.1029+0.1780i
6.0	0.4387+0.0521i	-4.3032+0.1846i	0.4120+0.1236i	0.6451+0.0893i	-1.1121+0.2046i	0.3403+0.1183i	0.6493+0.0792i	-1.1766+0.2052i
6.1	0.4437+0.0498i	-4.5552+0.2253i	0.4320+0.1267i	0.6504+0.0942i	-1.2233+0.2456i	0.3586+0.1234i	0.6578+0.0815i	-1.2909+0.2442i
6.2	0.4487+0.0507i	-4.7508+0.2351i	0.4437+0.1232i	0.6568+0.0959i	-1.3212+0.2597i	0.3693+0.1201i	0.6638+0.0814i	-1.3932+0.2574i
6.3	0.4530+0.0507i	-4.9875+0.2572i	0.4462+0.1302i	0.6559+0.0974i	-1.4728+0.2979i	0.3713+0.1273i	0.6638+0.0839i	-1.5445+0.2937i
6.4	0.4644+0.0486i	-5.3268+0.2671i	0.4571+0.1336i	0.6747+0.0944i	-1.7397+0.3509i	0.3781+0.1320i	0.6870+0.0807i	-1.8122+0.3430i
6.5	0.4757+0.0510i	-5.6128+0.2886i	0.4760+0.1387i	0.6962+0.1014i	-1.9859+0.4113i	0.3929+0.1366i	0.7092+0.0871i	-2.0648+0.4052i
6.6	0.4840+0.0407i	-5.9716+0.3590i	0.4935+0.1416i	0.6947+0.0852i	-2.3351+0.5939i	0.4065+0.1433i	0.7143+0.0669i	-2.4167+0.5841i
6.7	0.4902+0.0327i	-6.2638+0.4554i	0.5118+0.1370i	0.6962+0.0740i	-2.6302+0.8085i	0.4223+0.1406i	0.7187+0.0530i	-2.7138+0.7959i
6.8	0.5025+0.0252i	-6.7333+0.6317i	0.5392+0.1256i	0.6949+0.0778i	-3.2213+1.2310i	0.4463+0.1329i	0.7238+0.0533i	-3.2992+1.2125i
6.9	0.5179+0.0086i	-7.2431+1.0137i	0.5890+0.1200i	0.6877+0.0846i	-3.9342+2.2062i	0.4924+0.1340i	0.7243+0.0459i	-4.0131+2.1711i
7.0	0.5325-0.0193i	-7.7811+1.5834i	0.6259+0.1016i	0.6756+0.0981i	-4.7723+3.9168i	0.5254+0.1259i	0.7250+0.0343i	-4.8423+3.8522i
7.1	0.5139-0.0631i	-7.6579+2.4532i	0.6413+0.0136i	0.6790+0.1279i	-3.6311+6.4450i	0.5510+0.0544i	0.7125+0.0320i	-3.7269+6.3505i
7.2	0.4532-0.0804i	-6.6437+2.7513i	0.5693-0.0761i	0.7422+0.1521i	0.2847+7.3499i	0.5005-0.0293i	0.7207+0.0462i	0.1220+7.2482i
7.3	0.4246-0.0615i	-6.3507+2.1940i	0.4799-0.0707i	0.7892+0.1219i	2.2769+5.7715i	0.4197-0.0343i	0.7398+0.0378i	2.0798+5.6936i
7.4	0.4093-0.0437i	-6.3857+1.7654i	0.4445-0.0397i	0.7934+0.0925i	3.0777+4.3884i	0.3906-0.0115i	0.7333+0.0296i	2.8627+4.3347i
7.5	0.4093-0.0027i	-6.8110+1.0621i	0.4396+0.0205i	0.7861+0.0778i	2.9218+2.3323i	0.3849+0.0356i	0.7291+0.0434i	2.7051+2.3074i
7.6	0.4240+0.0144i	-7.3206+0.8381i	0.4540+0.0512i	0.7910+0.0790i	2.2895+1.5724i	0.3943+0.0604i	0.7428+0.0519i	2.0694+1.5589i
7.7	0.4491+0.0116i	-8.1699+0.9149i	0.4823+0.0588i	0.8001+0.0707i	1.2305+1.4364i	0.4132+0.0702i	0.7688+0.0432i	1.0144+1.4214i
7.8	0.4595+0.0066i	-8.6676+1.0615i	0.5065+0.0705i	0.8056+0.0737i	0.9119+1.5918i	0.4358+0.0819i	0.7759+0.0465i	0.6906+1.5754i
7.9	0.4633+0.0014i	-9.0083+1.2395i	0.5205+0.0784i	0.8178+0.0781i	0.8759+1.7389i	0.4473+0.0896i	0.7873+0.0486i	0.6491+1.7252i
8.0	0.4663+0.0027i	-9.4055+1.3383i	0.5325+0.0889i	0.8360+0.0721i	0.8276+1.6138i	0.4560+0.1007i	0.8068+0.0421i	0.5926+1.5972i
8.1	0.4702+0.0014i	-9.9076+1.3783i	0.5376+0.0911i	0.8506+0.0595i	0.6840+1.6154i	0.4617+0.1023i	0.8218+0.0307i	0.4431+1.6009i
8.2	0.4717+0.0031i	-10.2466+1.4191i	0.5460+0.0864i	0.8613+0.0599i	0.6528+1.5746i	0.4673+0.0987i	0.8335+0.0335i	0.4042+1.5608i
8.3	0.4822+0.0046i	-11.1141+1.4478i	0.5808+0.0837i	0.8763+0.0595i	0.2978+1.4715i	0.4959+0.0952i	0.8556+0.0331i	0.0403+1.4529i
8.4	0.4918+0.0028i	-11.6912+1.6535i	0.6080+0.0794i	0.8831+0.0548i	-0.0148+1.5072i	0.5200+0.0911i	0.8670+0.0291i	-0.2765+1.4932i
8.5	0.5074-0.0046i	-12.6423+1.9096i	0.6374+0.0698i	0.8934+0.0514i	-0.4634+1.6834i	0.5449+0.0835i	0.8831+0.0221i	-0.7324+1.6629i
8.6	0.5127-0.0223i	-13.1399+2.6973i	0.6659+0.0468i	0.9041+0.0442i	-0.7047+2.1506i	0.5735+0.0654i	0.8922+0.0120i	-0.9873+2.1268i
8.7	0.5047-0.0278i	-13.3281+3.0995i	0.6788+0.0204i	0.8999+0.0473i	-0.8377+2.4985i	0.5823+0.0379i	0.8920+0.0097i	-1.1308+2.4740i
8.8	0.5055-0.0284i	-13.6928+3.3226i	0.7022+0.0065i	0.9042+0.0613i	-1.0389+2.8861i	0.6033+0.0259i	0.8997+0.0188i	-1.3403+2.8459i
8.9	0.5210-0.0400i	-14.6447+3.9918i	0.7354-0.0319i	0.9233+0.0803i	-1.4282+3.7982i	0.6336-0.0079i	0.9251+0.0258i	-1.7445+3.7382i
9.0	0.5229-0.0691i	-15.2090+5.0852i	0.7577-0.0950i	0.9504+0.0970i	-1.3038+5.0564i	0.6547-0.0709i	0.9510+0.0254i	-1.6498+4.9822i
9.1	0.5052-0.0865i	-15.2019+5.7751i	0.7283-0.1303i	0.9843+0.0967i	-0.4843+5.7269i	0.6210-0.1053i	0.9735+0.0171i	-0.8665+5.6479i
9.2	0.4872-0.1039i	-15.6247+7.2682i	0.7348-0.1824i	1.0095+0.1118i	-0.2736+7.0269i	0.6237-0.1510i	0.9960+0.0132i	-0.6779+6.9250i
9.3	0.4210-0.1282i	-13.7626+9.7438i	0.6666-0.3075i	1.0698+0.1375i	2.3149+9.2641i	0.5602-0.2686i	1.0237+0.0095i	1.8330+9.1386i
9.4	0.3593-0.0821i	-10.9328+9.0692i	0.5263-0.3130i	1.1326+0.1186i	5.7019+8.3712i	0.4251-0.2699i	1.0410+0.0038i	5.1479+8.2805i
9.5	0.3534-0.0039i	-10.2126+6.7192i	0.4535-0.2429i	1.1750+0.0880i	6.9972+5.9705i	0.3535-0.2005i	1.0667+0.0032i	6.3994+5.9354i
9.6	0.3715+0.0514i	-10.7278+4.8706i	0.4341-0.1700i	1.2027+0.0617i	7.1586+4.0669i	0.3347-0.1304i	1.0918+0.0007i	6.5340+4.0762i
9.7	0.4118+0.1001i	-12.0390+3.5381i	0.4495-0.1048i	1.2316+0.0440i	6.6641+2.6047i	0.3447-0.0669i	1.1275+0.0011i	6.0336+2.6491i
9.8	0.4363+0.1211i	-12.9968+3.1237i	0.4634-0.0819i	1.2483+0.0316i	6.2773+2.0726i	0.3556-0.0425i	1.1500-0.0047i	5.6389+2.1353i
9.9	0.4767+0.1427i	-14.5295+2.8236i	0.4920-0.0593i	1.2799+0.0128i	5.7821+1.5058i	0.3804-0.0189i	1.1851-0.0176i	5.1260+1.5990i
10.0	0.5075+0.1578i	-15.5557+2.5901i	0.5169-0.0473i	1.3150+0.0052i	5.4748+1.2494i	0.3997-0.0053i	1.2229-0.0209i	4.7958+1.3540i
10.1	0.5345+0.1748i	-16.5607+2.4324i	0.5320-0.0417i	1.3492-0.0008i	5.2556+1.0431i	0.4091+0.0023i	1.2565-0.0242i	4.5519+1.1669i
10.2	0.5851+0.1843i	-18.0600+2.4749i	0.5481-0.0369i	1.3857-0.0151i	4.9659+0.8605i	0.4266+0.0099i	1.2985-0.0385i	4.2529+1.0057i
10.3	0.6253+0.1891i	-19.2325+2.6216i	0.5684-0.0339i	1.4356-0.0245i	4.8236+0.7687i	0.4427+0.0172i	1.3495-0.0477i	4.0972+0.9362i
10.4	0.6737+0.1908i	-20.3774+2.7668i	0.5779-0.0260i	1.4890-0.0460i	4.6975+0.6486i	0.4492+0.0276i	1.3978-0.0659i	3.9559+0.8391i
10.5	0.7080+0.1859i	-21.1524+2.8487i	0.5847-0.0262i	1.5234-0.0617i	4.6187+0.5803i	0.4546+0.0288i	1.4346-0.0803i	3.8651+0.7787i
10.6	0.7494+0.1709i	-22.2599+2.9143i	0.6007-0.0294i	1.5709-0.0789i	4.5224+0.5097i	0.4666+0.0256i	1.4797-0.0973i	3.7467+0.7198i
10.7	0.7843+0.1617i	-23.7032+3.2597i	0.6140-0.0281i	1.6328-0.1068i	4.4503+0.4199i	0.4743+0.0322i	1.5396-0.1261i	3.6533+0.6544i
10.8	0.8243+0.1412i	-25.1624+3.4418i	0.6294-0.0271i	1.6902-0.1408i	4.4125+0.3559i	0.4846+0.0371i	1.6003-0.1582i	3.5860+0.5925i
10.9	0.8548+0.1246i	-26.4482+3.5550i	0.6473-0.0169i	1.7435-0.1631i	4.3703+0.3175i	0.4937+0.0470i	1.6509-0.1783i	3.5229+0.5607i
11.0	0.8944+0.1067i	-27.9708+3.7216i	0.6630-0.0187i	1.8162-0.1944i	4.3219+0.2996i	0.5017+0.0507i	1.7231-0.2121i	3.4363+0.5518i
11.1	0.9310+0.0792i	-29.8190+4.2182i	0.6839-0.0171i	1.8831-0.2579i	4.3358+0.2840i	0.5172+0.0587i	1.7908-0.2731i	3.3928+0.5537i
11.2	0.9489+0.0626i	-31.2383+4.6546i	0.7033-0.0168i	1.9284-0.2864i	4.3758+0.2680i	0.5295+0.0579i	1.8342-0.3019i	3.3963+0.5426i
11.3	0.9723+0.0425i	-33.3093+4.4412i	0.7297+0.0012i	2.0151-0.3008i	4.4175+0.2861i	0.5453+0.0742i	1.9198-0.3162i	3.3862+0.5603i
11.4	1.0161+0.0244i	-35.9866+4.6572i	0.7671+0.0014i	2.1117-0.3542i	4.5335+0.2833i	0.5714+0.0859i	2.0103-0.3664i	3.4313+0.5767i
11.5	1.0485+0.0083i	-38.2702+5.4125i	0.7958-0.0127i	2.1987-0.4094i	4.6442+0.2070i	0.5881+0.0835i	2.0961-0.4206i	3.4697+0.5230i
11.6	1.0755-0.0203i	-40.8755+6.4646i	0.8307-0.0186i	2.3139-0.4841i	4.7470+0.1555i	0.6051+0.0854i	2.2043-0.4945i	3.4872+0.5017i
11.7	1.0962-0.0326i	-43.5091+7.0678i	0.8703-0.0189i	2.4125-0.5383i	4.8984+0.1298i	0.6306+0.0948i	2.3004-0.5461i	3.5697+0.5076i
11.8	1.1255-0.0403i	-46.6687+8.3679i	0.9164-0.0438i	2.5392-0.6151i	5.0713-0.0077i	0.6573+0.0869i	2.4240-0.6198i	3.6419+0.3984i
11.9	1.1646-0.0507i	-49.5893+10.4491i	0.9533-0.0766i	2.6958-0.7262i	5.1418-0.2103i	0.6696+0.0767i	2.5751-0.7274i	3.6190+0.2582i

12.0	1.2103-0.0479i	-52.6512+10.9220i	0.9837-0.0883i	2.8694-0.7862i	5.2502-0.2770i	0.6755+0.0792i	2.7428-0.7905i	3.6106+0.2214i
12.1	1.2755-0.0543i	-56.9126+13.1885i	1.0203-0.1278i	3.0999-0.9754i	5.3985-0.4512i	0.6783+0.0819i	2.9698-0.9727i	3.5943+0.1366i
12.2	1.3300-0.0504i	-60.1139+15.1910i	1.0431-0.1560i	3.2747-1.2028i	5.4606-0.5371i	0.6797+0.1066i	3.1404-1.1981i	3.5255+0.1479i
12.3	1.3925-0.0219i	-63.7136+16.2628i	1.0821-0.1760i	3.4670-1.4049i	5.6033-0.5745i	0.6892+0.1372i	3.3278-1.3969i	3.5395+0.1830i
12.4	1.5056-0.0032i	-68.7137+19.1086i	1.1173-0.2235i	3.6277-1.7824i	5.8221-0.7140i	0.7184+0.1776i	3.4802-1.7692i	3.5697+0.2122i
12.5	1.6877+0.0165i	-76.1384+23.1872i	1.1647-0.2822i	3.8689-2.3323i	6.1410-0.9005i	0.7591+0.2439i	3.7104-2.3117i	3.6211+0.2716i
12.6	1.9389+0.0665i	-84.6150+27.3308i	1.2085-0.3563i	4.0331-2.9854i	6.5230-1.1056i	0.8379+0.3239i	3.8666-2.9564i	3.7219+0.3155i
12.7	2.2281+0.0233i	-91.6623+32.7643i	1.2164-0.4150i	3.9066-3.5782i	6.8425-1.3567i	0.9450+0.3850i	3.7317-3.5439i	3.8360+0.3799i
12.8	2.5976-0.0981i	-99.5278+40.2524i	1.2036-0.4693i	3.6079-4.1347i	7.1589-1.7184i	1.0898+0.4275i	3.4269-4.0905i	3.9922+0.4178i
12.9	2.9994-0.3278i	-108.1724+49.0928i	1.1906-0.4983i	3.2303-4.5535i	7.5185-2.1320i	1.2659+0.4326i	3.0373-4.4961i	4.2082+0.4186i
13.0	3.4834-0.7638i	-120.0459+62.6392i	1.2023-0.5095i	2.8612-4.8706i	7.9688-2.7262i	1.4798+0.3829i	2.6671-4.7957i	4.4610+0.3837i
13.1	3.8658-1.2184i	-131.2527+76.6211i	1.2416-0.5151i	2.7642-5.1002i	8.3613-3.3104i	1.6385+0.3136i	2.5566-5.0083i	4.6195+0.3534i
13.2	4.3787-2.1761i	-146.1818+106.7587i	1.3314-0.5695i	2.7249-5.8010i	9.0037-4.5132i	1.8586+0.1653i	2.5092-5.6610i	4.9170+0.2811i
13.3	4.8356-3.2035i	-159.6923+139.6372i	1.4370-0.6281i	2.7706-6.6476i	9.4970-5.8244i	2.0561+0.0380i	2.5504-6.4795i	5.1407+0.2788i
13.4	4.4442-5.4453i	-145.4450+208.3277i	1.5278-0.8030i	1.6114-8.3193i	9.0389-8.4717i	2.3053-0.3096i	1.4076-8.0933i	5.7299+0.2387i
13.5	3.0998-7.5640i	-103.1444+274.1184i	1.5683-1.0404i	-0.3744-9.7318i	7.3642-10.9266i	2.4617-0.7405i	-0.5422-9.4465i	6.3696+0.0560i
13.6	-0.2299-8.0985i	-2.9545+284.3648i	1.4098-1.1786i	-3.4614-9.0133i	3.6879-11.0198i	2.1931-1.1593i	-3.5508-8.7346i	6.9434-0.3504i
13.7	-2.8618-7.2354i	72.3578+254.5853i	1.2769-1.1992i	-5.6824-7.3505i	1.3333-9.8190i	1.9196-1.3485i	-5.7218-7.1008i	7.6000-0.9664i
13.8	-4.4436-4.7652i	109.8095+179.9733i	1.3074-1.0885i	-6.4574-4.4773i	0.6984-7.1472i	1.7549-1.2829i	-6.4908-4.2831i	8.2454-1.7772i
13.9	-4.5165-3.5092i	103.4503+147.8414i	1.4849-1.1334i	-6.1109-3.2156i	1.4186-6.2942i	1.8456-1.3132i	-6.1563-3.0344i	8.7611-2.4958i
14.0	-4.3205-2.2688i	86.8760+122.0268i	1.7574-1.3184i	-5.5481-2.0492i	2.6340-5.9741i	2.0487-1.4731i	-5.6171-1.8706i	9.4788-3.6582i
14.1	-4.1706-1.4130i	72.2131+112.6225i	2.0612-1.6740i	-5.1995-1.2700i	3.9144-6.4978i	2.3148-1.8117i	-5.2943-1.0634i	10.4227-5.2144i
14.2	-3.7141-0.4824i	59.4078+119.8863i	2.1275-2.5724i	-4.5750-0.4577i	4.7150-8.7451i	2.3522-2.6855i	-4.6689-0.1762i	10.5313-8.6411i
14.3	-3.1737+0.0760i	65.0257+133.3041i	1.6023-3.4322i	-3.9862+0.0211i	3.6445-11.3002i	1.8077-3.5401i	-4.0213+0.3691i	8.6493-11.8837i
14.4	-2.4559+0.4354i	87.3409+135.2544i	0.4199-3.8237i	-3.2088+0.3078i	0.6049-12.6566i	0.6061-3.9305i	-3.1260+0.6722i	4.5107-13.6528i
14.5	-1.8565+0.4557i	110.0212+122.9950i	-0.7526-3.5412i	-2.5458+0.2801i	-2.7494-12.0296i	-0.5861-3.6397i	-2.3547+0.5972i	0.2881-12.9632i
14.6	-1.4584+0.3648i	119.0102+99.3724i	-1.3892-2.7671i	-2.0675+0.1191i	-4.8149-9.7873i	-1.2519-2.8485i	-1.8274+0.3409i	-2.3039-10.5106i
14.7	-1.2676+0.3220i	119.7686+82.6094i	-1.5866-2.1872i	-1.8464+0.0067i	-5.5729-8.1363i	-1.4644-2.2593i	-1.5948+0.1572i	-3.3351-8.7534i
14.8	-1.1321+0.2669i	116.8767+71.5507i	-1.5589-1.7547i	-1.7504-0.1165i	-5.6699-6.7929i	-1.4448-1.8129i	-1.5191-0.0190i	-3.6317-7.2836i
14.9	-0.9713+0.2376i	115.0993+60.2878i	-1.5026-1.3696i	-1.6787-0.1703i	-5.5794-5.3959i	-1.3989-1.4135i	-1.4761-0.1204i	-3.7549-5.7955i
15.0	-0.8130+0.1869i	112.3413+48.7594i	-1.3813-1.0694i	-1.5895-0.1558i	-5.1971-4.3565i	-1.2817-1.1083i	-1.4225-0.1356i	-3.5859-4.6199i
15.1	-0.7266+0.1293i	109.4039+38.8794i	-1.3042-0.8532i	-1.5254-0.1397i	-4.9519-3.6433i	-1.2083-0.8897i	-1.3819-0.1379i	-3.4534-3.7759i
15.2	-0.6961+0.0729i	103.0787+31.8899i	-1.1685-0.7083i	-1.4672-0.1285i	-4.5424-3.1745i	-1.0758-0.7413i	-1.3465-0.1290i	-3.0612-3.1890i
15.3	-0.6788+0.0419i	96.8953+27.2358i	-1.0460-0.6107i	-1.3957-0.1163i	-4.2009-2.8723i	-0.9563-0.6420i	-1.2933-0.1178i	-2.7151-2.8152i
15.4	-0.6604+0.0248i	90.2909+23.2001i	-0.9230-0.5302i	-1.3170-0.1007i	-3.8650-2.5988i	-0.8356-0.5593i	-1.2303-0.1031i	-2.3719-2.4909i
15.5	-0.6479+0.0249i	85.3203+19.3087i	-0.8320-0.4541i	-1.2517-0.0762i	-3.6504-2.3763i	-0.7466-0.4810i	-1.1756-0.0777i	-2.1323-2.2322i
15.6	-0.6335+0.0313i	81.3953+17.8829i	-0.7667-0.4243i	-1.2016-0.0771i	-3.4935-2.2139i	-0.6827-0.4503i	-1.1321-0.0756i	-1.9599-2.0853i
15.7	-0.6230+0.0365i	77.8842+16.6722i	-0.7096-0.3944i	-1.1547-0.0800i	-3.2961-2.0361i	-0.6283-0.4187i	-1.0922-0.0777i	-1.7574-1.9307i
15.8	-0.6151+0.0459i	74.3443+15.2543i	-0.6428-0.3641i	-1.1028-0.0756i	-3.0656-1.8786i	-0.5635-0.3854i	-1.0477-0.0724i	-1.5269-1.7947i
15.9	-0.5934+0.0713i	70.8752+14.3544i	-0.5848-0.3528i	-1.0462-0.0721i	-2.9209-1.7836i	-0.5091-0.3721i	-0.9958-0.0656i	-1.3940-1.7459i
16.0	-0.5728+0.0949i	68.0744+13.6234i	-0.5385-0.3461i	-0.9956-0.0647i	-2.8468-1.7204i	-0.4655-0.3647i	-0.9497-0.0545i	-1.3278-1.7236i
16.1	-0.5489+0.1225i	65.9603+12.8285i	-0.5132-0.3366i	-0.9622-0.0570i	-2.7833-1.6293i	-0.4422-0.3541i	-0.9183-0.0458i	-1.2883-1.6763i
16.2	-0.5232+0.1455i	63.8434+12.2661i	-0.4955-0.3233i	-0.9213-0.0507i	-2.7513-1.4583i	-0.4282-0.3406i	-0.8789-0.0410i	-1.2771-1.5514i
16.3	-0.4881+0.1727i	61.7436+11.4614i	-0.4756-0.2929i	-0.8647-0.0339i	-2.6981-1.2391i	-0.4128-0.3115i	-0.8243-0.0260i	-1.2535-1.3969i
16.4	-0.4484+0.1892i	60.3910+11.2070i	-0.4563-0.2708i	-0.8258-0.0427i	-2.5919-1.1041i	-0.3963-0.2872i	-0.7868-0.0343i	-1.2029-1.3014i
16.5	-0.4000+0.2078i	58.6579+10.6947i	-0.4182-0.2457i	-0.7876-0.0499i	-2.3996-0.9021i	-0.3604-0.2586i	-0.7500-0.0413i	-1.0842-1.1599i
16.6	-0.3655+0.2110i	57.3747+10.3247i	-0.3845-0.2366i	-0.7584-0.0551i	-2.2084-0.8248i	-0.3280-0.2482i	-0.7241-0.0463i	-0.9588-1.1057i
16.7	-0.3318+0.2168i	56.2386+9.9686i	-0.3589-0.2378i	-0.7339-0.0568i	-2.0759-0.8180i	-0.3055-0.2493i	-0.7028-0.0461i	-0.8877-1.1124i
16.8	-0.2890+0.1940i	54.9106+9.3862i	-0.3424-0.2337i	-0.7113-0.0716i	-1.9690-0.8061i	-0.2893-0.2418i	-0.6825-0.0606i	-0.8525-1.0648i
16.9	-0.2705+0.1852i	53.7195+8.6377i	-0.3254-0.2238i	-0.6972-0.0726i	-1.8580-0.7250i	-0.2706-0.2269i	-0.6674-0.0625i	-0.7692-0.9773i
17.0	-0.2506+0.1889i	52.5607+8.6367i	-0.2979-0.2230i	-0.6811-0.0694i	-1.7170-0.6877i	-0.2441-0.2242i	-0.6547-0.0596i	-0.6669-0.9618i
17.1	-0.2077+0.1834i	51.7746+8.4818i	-0.2835-0.2288i	-0.6563-0.0678i	-1.6210-0.7338i	-0.2304-0.2290i	-0.6309-0.0569i	-0.6482-0.9997i
17.2	-0.1862+0.1486i	50.8437+7.9443i	-0.2763-0.2297i	-0.6403-0.0732i	-1.5891-0.7568i	-0.2229-0.2283i	-0.6160-0.0631i	-0.6451-0.9660i
17.3	-0.2021+0.1297i	49.6147+7.4632i	-0.2695-0.2226i	-0.6336-0.0708i	-1.5338-0.7308i	-0.2146-0.2217i	-0.6116-0.0608i	-0.5671-0.9148i
17.4	-0.2025+0.1318i	48.7970+7.3291i	-0.2634-0.2212i	-0.6194-0.0682i	-1.4761-0.7253i	-0.2079-0.2214i	-0.5976-0.0575i	-0.5141-0.9124i
17.5	-0.2027+0.1429i	47.9369+7.0409i	-0.2536-0.2183i	-0.6064-0.0573i	-1.4252-0.7205i	-0.1985-0.2192i	-0.5853-0.0461i	-0.4632-0.9292i
17.6	-0.2004+0.1559i	47.1107+7.0435i	-0.2485-0.2183i	-0.5897-0.0518i	-1.3940-0.7303i	-0.1949-0.2205i	-0.5689-0.0397i	-0.4396-0.9569i
17.7	-0.1967+0.1791i	46.1931+6.8687i	-0.2467-0.2130i	-0.5700-0.0387i	-1.3785-0.7147i	-0.1953-0.2175i	-0.5503-0.0265i	-0.4301-0.9857i
17.8	-0.1736+0.2112i	45.5721+6.8905i	-0.2486-0.2009i	-0.5584-0.0219i	-1.3783-0.6738i	-0.1969-0.2080i	-0.5384-0.0097i	-0.4643-1.0132i
17.9	-0.1278+0.2415i	45.0953+6.7923i	-0.2473-0.1918i	-0.5320-0.0026i	-1.3372-0.6301i	-0.1965-0.2025i	-0.5098+0.0106i	-0.5084-1.0371i
18.0	-0.0841+0.2473i	44.7726+6.7937i	-0.2432-0.1854i	-0.5053-0.0016i	-1.2970-0.6315i	-0.1961-0.1959i	-0.4847+0.0130i	-0.5550-1.0480i
18.1	-0.0416+0.2238i	44.4347+6.5147i	-0.2464-0.1751i	-0.4803-0.0012i	-1.2919-0.6242i	-0.2012-0.1833i	-0.4583+0.0125i	-0.6374-0.9973i
18.2	-0.0187+0.2061i	43.9028+6.1702i	-0.2419-0.1648i	-0.4593-0.0021i	-1.2804-0.6180i	-0.1994-0.1720i	-0.4369+0.0099i	-0.6661-0.9539i

18.3	-0.0019+0.1827i	43.2368+5.8419i	-0.2396-0.1492i	-0.4400-0.0127i	-1.3155-0.5843i	-0.1979-0.1532i	-0.4159-0.0015i	-0.7188-0.8738i
18.4	0.0131+0.1654i	42.7322+5.5191i	-0.2404-0.1321i	-0.4238-0.0173i	-1.3626-0.5255i	-0.2003-0.1353i	-0.3991-0.0091i	-0.7810-0.7813i
18.5	0.0230+0.1432i	42.0156+5.2766i	-0.2302-0.1040i	-0.4123-0.0143i	-1.3789-0.3582i	-0.1913-0.1095i	-0.3879-0.0079i	-0.7932-0.5952i
18.6	0.0185+0.1322i	41.4541+5.1512i	-0.2090-0.0768i	-0.4092+0.0035i	-1.2791-0.1548i	-0.1690-0.0845i	-0.3884+0.0067i	-0.6725-0.4213i
18.7	0.0223+0.1354i	41.0234+5.2848i	-0.1735-0.0809i	-0.3816+0.0171i	-1.0492-0.1605i	-0.1362-0.0908i	-0.3661+0.0215i	-0.4868-0.4632i
18.8	0.0405+0.1259i	40.6568+5.1879i	-0.1569-0.0955i	-0.3463+0.0191i	-0.9291-0.3014i	-0.1233-0.1053i	-0.3314+0.0263i	-0.4470-0.5785i
18.9	0.0604+0.1132i	40.4359+5.0733i	-0.1527-0.0932i	-0.3254+0.0152i	-0.9100-0.3483i	-0.1214-0.1030i	-0.3112+0.0205i	-0.4790-0.5946i
19.0	0.0720+0.0992i	39.9436+4.7926i	-0.1442-0.0877i	-0.2904-0.0007i	-0.8833-0.3394i	-0.1162-0.0959i	-0.2744+0.0038i	-0.5000-0.5543i
19.1	0.0736+0.0857i	39.5576+4.7258i	-0.1361-0.0888i	-0.2742-0.0144i	-0.8776-0.3626i	-0.1117-0.0947i	-0.2570-0.0082i	-0.5040-0.5368i
19.2	0.0735+0.0711i	39.1765+4.5848i	-0.1305-0.0852i	-0.2542-0.0151i	-0.8676-0.3689i	-0.1058-0.0903i	-0.2385-0.0068i	-0.5085-0.5109i
19.3	0.0714+0.0598i	38.6119+4.3518i	-0.1199-0.0808i	-0.2465-0.0275i	-0.8302-0.3551i	-0.0943-0.0826i	-0.2336-0.0192i	-0.4827-0.4670i
19.4	0.0681+0.0519i	38.1774+4.1720i	-0.1101-0.0769i	-0.2353-0.0275i	-0.7998-0.3458i	-0.0863-0.0792i	-0.2229-0.0209i	-0.4516-0.4452i
19.5	0.0624+0.0456i	37.9509+4.0603i	-0.1092-0.0752i	-0.2191-0.0226i	-0.8017-0.3459i	-0.0876-0.0770i	-0.2064-0.0167i	-0.4577-0.4391i
19.6	0.0606+0.0417i	37.6603+4.0051i	-0.1023-0.0732i	-0.2089-0.0198i	-0.7865-0.3514i	-0.0825-0.0769i	-0.1966-0.0156i	-0.4454-0.4301i
19.7	0.0609+0.0345i	37.2347+3.9534i	-0.0916-0.0683i	-0.1783-0.0175i	-0.7746-0.3286i	-0.0741-0.0724i	-0.1676-0.0137i	-0.4394-0.3905i
19.8	0.0597+0.0243i	36.7950+3.9135i	-0.0807-0.0643i	-0.1602-0.0120i	-0.7500-0.3112i	-0.0637-0.0678i	-0.1494-0.0086i	-0.4218-0.3581i
19.9	0.0645+0.0269i	36.5671+3.7443i	-0.0824-0.0590i	-0.1593-0.0210i	-0.7562-0.2915i	-0.0658-0.0622i	-0.1473-0.0162i	-0.4396-0.3307i
20.0	0.0625+0.0233i	36.2034+3.6411i	-0.0724-0.0548i	-0.1367-0.0108i	-0.7229-0.2716i	-0.0591-0.0581i	-0.1260-0.0062i	-0.4137-0.3103i
20.1	0.0578+0.0261i	35.8766+3.6484i	-0.0681-0.0549i	-0.1110-0.0314i	-0.7134-0.2700i	-0.0566-0.0565i	-0.1028-0.0257i	-0.4139-0.2958i
20.2	0.0458+0.0275i	35.7061+3.5975i	-0.0660-0.0527i	-0.0597-0.0529i	-0.7035-0.2593i	-0.0582-0.0539i	-0.0506-0.0463i	-0.4226-0.2720i
20.3	0.0471+0.0229i	35.5110+3.6015i	-0.0636-0.0496i	-0.0558-0.0616i	-0.6970-0.2430i	-0.0558-0.0513i	-0.0444-0.0553i	-0.4184-0.2438i
20.4	0.0465+0.0233i	35.1079+3.4568i	-0.0537-0.0400i	-0.0331-0.0790i	-0.6555-0.1972i	-0.0495-0.0396i	-0.0226-0.0745i	-0.3932-0.1839i
20.5	0.0390+0.0251i	34.9036+3.3290i	-0.0465-0.0327i	0.0123-0.0950i	-0.6316-0.1641i	-0.0480-0.0304i	0.0203-0.0902i	-0.3927-0.1450i
20.6	0.0287+0.0265i	34.8451+3.3167i	-0.0440-0.0321i	0.0595-0.0965i	-0.6239-0.1513i	-0.0517-0.0296i	0.0663-0.0911i	-0.4022-0.1278i
20.7	0.0252+0.0144i	34.4747+3.2512i	-0.0343-0.0264i	0.0925-0.0638i	-0.5731-0.1110i	-0.0443-0.0232i	0.0995-0.0594i	-0.3658-0.0939i
20.8	0.0227+0.0082i	34.2457+3.2920i	-0.0255-0.0210i	0.1252-0.0518i	-0.5287-0.0909i	-0.0384-0.0169i	0.1329-0.0489i	-0.3401-0.0761i
20.9	0.0256+0.0332i	33.9926+3.2166i	-0.0173-0.0168i	0.1438-0.1529i	-0.4908-0.0914i	-0.0336-0.0068i	0.1510-0.1484i	-0.3245-0.0320i
21.0	0.0021+0.0711i	33.8585+3.0065i	-0.0085-0.0150i	0.2421-0.3199i	-0.4522-0.1029i	-0.0345+0.0082i	0.2462-0.3151i	-0.3212+0.0217i
21.1	-0.0015+0.0692i	33.6422+2.9340i	0.0017-0.0135i	0.2843-0.3289i	-0.3988-0.0950i	-0.0276+0.0143i	0.2872-0.3249i	-0.2973+0.0382i
21.2	0.0083+0.0663i	33.3804+2.9310i	0.0085-0.0121i	0.2556-0.3325i	-0.3642-0.0918i	-0.0184+0.0151i	0.2583-0.3302i	-0.2530+0.0490i
21.3	0.0252+0.0853i	33.1163+2.8616i	0.0167-0.0039i	0.2046-0.4186i	-0.3392-0.0833i	-0.0055+0.0314i	0.2077-0.4143i	-0.2053+0.0924i
21.4	0.0501+0.0982i	33.0278+2.8829i	0.0195-0.0078i	0.1053-0.4818i	-0.3549-0.0967i	0.0056+0.0352i	0.1087-0.4773i	-0.1856+0.1052i
21.5	0.0429+0.1059i	32.8546+2.7813i	0.0300-0.0046i	0.1275-0.5117i	-0.3053-0.1039i	0.0142+0.0409i	0.1290-0.5093i	-0.1502+0.1158i
21.6	0.0421+0.1045i	32.6795+2.8018i	0.0350-0.0023i	0.1435-0.5091i	-0.2674-0.0990i	0.0187+0.0438i	0.1462-0.5063i	-0.1235+0.1202i
21.7	0.0666+0.0950i	32.4231+2.8656i	0.0443-0.0015i	0.0492-0.4722i	-0.2491-0.0896i	0.0318+0.0407i	0.0535-0.4679i	-0.0844+0.1140i
21.8	0.0711+0.1064i	32.1641+2.7143i	0.0553+0.0006i	0.0243-0.5148i	-0.2131-0.1042i	0.0440+0.0484i	0.0283-0.5114i	-0.0437+0.1235i
21.9	0.0722+0.1163i	32.0391+2.6105i	0.0619+0.0006i	0.0235-0.5355i	-0.1785-0.1114i	0.0530+0.0512i	0.0254-0.5330i	-0.0103+0.1193i
22.0	0.0677+0.1098i	31.9643+2.5478i	0.0681+0.0027i	0.0602-0.4965i	-0.1386-0.1033i	0.0546+0.0516i	0.0621-0.4926i	-0.0002+0.1158i
22.1	0.0613+0.1168i	31.7727+2.5443i	0.0804-0.0022i	0.1276-0.5492i	-0.0846-0.1347i	0.0600+0.0546i	0.1284-0.5447i	0.0080+0.1201i
22.2	0.0655+0.1368i	31.5815+2.5214i	0.0902-0.0030i	0.1419-0.6316i	-0.0514-0.1615i	0.0685+0.0628i	0.1424-0.6285i	0.0214+0.1315i
22.3	0.0791+0.1496i	31.4691+2.3870i	0.0969+0.0018i	0.1071-0.6769i	-0.0305-0.1675i	0.0767+0.0714i	0.1097-0.6746i	0.0463+0.1424i
22.4	0.0957+0.1700i	31.3088+2.3456i	0.1057-0.0069i	0.0468-0.7550i	-0.0267-0.2297i	0.0896+0.0730i	0.0463-0.7499i	0.0723+0.1290i
22.5	0.0838+0.1811i	31.1957+2.3558i	0.1163-0.0095i	0.0935-0.8505i	0.0129-0.2604i	0.0973+0.0840i	0.0898-0.8437i	0.1004+0.1596i
22.6	0.0811+0.2106i	31.0251+2.1572i	0.1238-0.0096i	0.1417-0.9940i	0.0474-0.2851i	0.1011+0.1044i	0.1370-0.9888i	0.1097+0.2118i
22.7	0.0983+0.2366i	30.8923+2.0347i	0.1265-0.0130i	0.0883-1.1095i	0.0433-0.3278i	0.1105+0.1151i	0.0844-1.1057i	0.1245+0.2250i
22.8	0.1280+0.2552i	30.7111+2.0078i	0.1276-0.0204i	-0.0501-1.1985i	0.0246-0.3715i	0.1276+0.1172i	-0.0538-1.1916i	0.1790+0.2169i
22.9	0.1814+0.2631i	30.4635+2.0451i	0.1298-0.0214i	-0.2775-1.2299i	-0.0121-0.3692i	0.1576+0.1169i	-0.2786-1.2215i	0.2429+0.2042i
23.0	0.2388+0.2439i	30.2220+2.1502i	0.1286-0.0201i	-0.5134-1.1723i	-0.0686-0.3506i	0.1833+0.1071i	-0.5130-1.1652i	0.2850+0.1880i
23.1	0.2726+0.2413i	29.9654+2.1304i	0.1278-0.0220i	-0.6507-1.1809i	-0.1071-0.3666i	0.1990+0.1077i	-0.6486-1.1740i	0.2987+0.1755i
23.2	0.2947+0.2317i	29.7602+2.1223i	0.1297-0.0169i	-0.7407-1.1254i	-0.1228-0.3376i	0.2093+0.1061i	-0.7386-1.1198i	0.3117+0.1571i
23.3	0.3270+0.2206i	29.5727+2.0811i	0.1360-0.0148i	-0.8551-1.0493i	-0.1134-0.3132i	0.2259+0.0992i	-0.8550-1.0434i	0.3437+0.1276i
23.4	0.3439+0.1805i	29.4782+2.1965i	0.1427-0.0137i	-0.9184-0.8617i	-0.0889-0.2845i	0.2397+0.0773i	-0.9181-0.8569i	0.3623+0.0623i
23.5	0.3497+0.1639i	29.3622+2.2637i	0.1509-0.0093i	-0.9499-0.7812i	-0.0577-0.2582i	0.2506+0.0692i	-0.9515-0.7777i	0.3833+0.0404i
23.6	0.3609+0.1541i	29.3655+2.2291i	0.1548+0.0009i	-0.9510-0.7046i	-0.0466-0.2178i	0.2492+0.0664i	-0.9525-0.6994i	0.3520+0.0313i
23.7	0.3655+0.1289i	29.2441+2.2516i	0.1646+0.0051i	-0.9271-0.6285i	-0.0097-0.1921i	0.2531+0.0655i	-0.9278-0.6247i	0.3382+0.0352i
23.8	0.3669+0.1139i	29.1040+2.4130i	0.1750+0.0008i	-0.9467-0.5615i	0.0317-0.2048i	0.2671+0.0524i	-0.9478-0.5566i	0.3660+0.0032i
23.9	0.3683+0.0939i	29.0904+2.3151i	0.1828-0.0031i	-0.9034-0.4813i	0.0682-0.2129i	0.2678+0.0424i	-0.9058-0.4769i	0.3352-0.0153i
24.0	0.3752+0.0878i	28.9715+2.2788i	0.1879-0.0049i	-0.8923-0.4486i	0.0851-0.2121i	0.2702+0.0401i	-0.8936-0.4419i	0.3179-0.0269i
24.1	0.3798+0.0710i	28.9451+2.3000i	0.1937-0.0020i	-0.8832-0.3615i	0.1078-0.2020i	0.2718+0.0358i	-0.8849-0.3551i	0.2990-0.0294i
24.2	0.3797+0.0595i	28.9176+2.3104i	0.2094-0.0046i	-0.8770-0.3099i	0.1671-0.2234i	0.2834+0.0278i	-0.8812-0.3057i	0.3181-0.0591i
24.3	0.3748+0.0478i	28.7922+2.3775i	0.2157-0.0116i	-0.8385-0.2850i	0.2027-0.2553i	0.2858+0.0225i	-0.8418-0.2807i	0.3111-0.0792i
24.4	0.3784+0.0416i	28.7198+2.3397i	0.2266-0.0124i	-0.8151-0.2520i	0.2546-0.2489i	0.2941+0.0199i	-0.8187-0.2479i	0.3171-0.0792i
24.5	0.3768+0.0299i	28.7326+2.3062i	0.2287-0.0084i	-0.7766-0.2208i	0.2626-0.2245i	0.2900+0.0237i	-0.7809-0.2180i	0.2864-0.0519i

24.6	0.3812+0.0256i	28.7203+2.3318i	0.2311-0.0112i	-0.7588-0.2122i	0.2683-0.2301i	0.2907+0.0216i	-0.7612-0.2084i	0.2520-0.0396i
24.7	0.3802+0.0192i	28.6526+2.3496i	0.2397-0.0140i	-0.7351-0.1996i	0.3113-0.2514i	0.2972+0.0187i	-0.7394-0.1955i	0.2436-0.0375i
24.8	0.3830+0.0157i	28.5322+2.2427i	0.2466-0.0134i	-0.7158-0.1889i	0.3490-0.2601i	0.3030+0.0177i	-0.7233-0.1840i	0.2296-0.0359i
24.9	0.3865+0.0107i	28.4943+2.1491i	0.2552-0.0124i	-0.6966-0.1649i	0.3895-0.2618i	0.3099+0.0188i	-0.7032-0.1619i	0.2230-0.0380i
25.0	0.3848-0.0013i	28.5144+2.1013i	0.2596-0.0114i	-0.6739-0.1435i	0.4110-0.2824i	0.3105+0.0194i	-0.6765-0.1427i	0.2022-0.0185i
25.1	0.3864-0.0084i	28.4117+2.1652i	0.2642-0.0189i	-0.6548-0.1332i	0.4247-0.3164i	0.3125+0.0131i	-0.6618-0.1300i	0.1667-0.0120i
25.2	0.3905-0.0138i	28.3252+2.0577i	0.2714-0.0197i	-0.6426-0.1354i	0.4605-0.3244i	0.3174+0.0155i	-0.6521-0.1322i	0.1427+0.0097i
25.3	0.3977-0.0182i	28.2631+1.9654i	0.2816-0.0198i	-0.6289-0.1289i	0.5062-0.3396i	0.3265+0.0153i	-0.6374-0.1269i	0.1285+0.0208i
25.4	0.4013-0.0266i	28.2486+1.9383i	0.2906-0.0201i	-0.6129-0.1114i	0.5515-0.3623i	0.3346+0.0166i	-0.6226-0.1072i	0.1091+0.0451i
25.5	0.4022-0.0381i	28.2221+1.9530i	0.2982-0.0227i	-0.5887-0.1028i	0.5883-0.3968i	0.3383+0.0141i	-0.5978-0.0999i	0.0934+0.0934i
25.6	0.4028-0.0515i	28.1611+1.8655i	0.3055-0.0165i	-0.5722-0.0954i	0.6172-0.4110i	0.3469+0.0171i	-0.5833-0.0935i	0.0792+0.1538i
25.7	0.4029-0.0625i	28.1254+1.6670i	0.3102-0.0099i	-0.5591-0.0928i	0.6364-0.4286i	0.3520+0.0227i	-0.5689-0.0923i	0.0566+0.2229i
25.8	0.3890-0.0637i	28.0676+1.6392i	0.3200-0.0138i	-0.5367-0.0870i	0.6601-0.4672i	0.3581+0.0179i	-0.5462-0.0867i	0.0802+0.2484i
25.9	0.3903-0.0611i	27.9372+1.5062i	0.3296-0.0160i	-0.5165-0.0834i	0.6937-0.5009i	0.3673+0.0168i	-0.5258-0.0835i	0.0753+0.2693i
26.0	0.3879-0.0642i	27.9071+1.5252i	0.3402-0.0195i	-0.5004-0.0871i	0.7319-0.5504i	0.3750+0.0120i	-0.5105-0.0849i	0.0833+0.2956i
26.1	0.3869-0.0690i	27.8924+1.4209i	0.3472-0.0194i	-0.4836-0.0938i	0.7584-0.5788i	0.3795+0.0133i	-0.4925-0.0906i	0.0775+0.3305i
26.2	0.3802-0.0760i	27.7389+1.3224i	0.3648-0.0205i	-0.4644-0.0971i	0.7907-0.6204i	0.3918+0.0128i	-0.4767-0.0934i	0.0999+0.3853i
26.3	0.3792-0.0832i	27.5704+1.2292i	0.3796-0.0246i	-0.4438-0.0902i	0.8403-0.6878i	0.4054+0.0089i	-0.4582-0.0890i	0.1102+0.4360i
26.4	0.3697-0.0860i	27.4733+1.1392i	0.3891-0.0309i	-0.4272-0.0938i	0.8587-0.7391i	0.4128+0.0061i	-0.4424-0.0938i	0.1154+0.4743i
26.5	0.3610-0.0815i	27.3680+0.9616i	0.4010-0.0333i	-0.4044-0.1101i	0.8623-0.7961i	0.4225+0.0048i	-0.4189-0.1076i	0.1137+0.5480i
26.6	0.3514-0.0783i	27.3176+0.8326i	0.4029-0.0359i	-0.3758-0.1195i	0.8558-0.8308i	0.4247+0.0040i	-0.3911-0.1171i	0.1086+0.6205i
26.7	0.3388-0.0721i	27.2483+0.7634i	0.4123-0.0355i	-0.3518-0.1207i	0.8925-0.8460i	0.4317+0.0033i	-0.3691-0.1214i	0.1162+0.6947i
26.8	0.3331-0.0617i	27.1294+0.6212i	0.4305-0.0380i	-0.3158-0.1432i	0.9596-0.9024i	0.4457+0.0017i	-0.3363-0.1463i	0.1679+0.7842i
26.9	0.3252-0.0478i	27.0075+0.4471i	0.4470-0.0379i	-0.2765-0.1742i	1.0411-0.9648i	0.4594+0.0043i	-0.2999-0.1772i	0.2182+0.8809i
27.0	0.3237-0.0313i	26.9061+0.3565i	0.4650-0.0467i	-0.2482-0.2231i	1.0926-1.0804i	0.4707-0.0012i	-0.2717-0.2230i	0.2801+0.9712i
27.1	0.3236-0.0031i	26.7818+0.0720i	0.4871-0.0571i	-0.2260-0.2980i	1.1496-1.2523i	0.4840-0.0070i	-0.2535-0.2967i	0.3542+1.0696i
27.2	0.3336+0.0289i	26.4537-0.2121i	0.5014-0.0763i	-0.2493-0.3754i	1.1145-1.4810i	0.4992-0.0211i	-0.2811-0.3721i	0.5082+1.1559i
27.3	0.3551+0.0555i	26.0656-0.3989i	0.5019-0.0938i	-0.3006-0.4453i	0.9765-1.6559i	0.5024-0.0328i	-0.3322-0.4374i	0.6469+1.2147i
27.4	0.3820+0.0815i	25.6760-0.4539i	0.4959-0.1069i	-0.3605-0.5031i	0.7750-1.7650i	0.4978-0.0367i	-0.3925-0.4947i	0.7926+1.2550i
27.5	0.4159+0.1052i	25.1839-0.5085i	0.4974-0.1094i	-0.4276-0.5500i	0.5851-1.8226i	0.5012-0.0357i	-0.4605-0.5418i	0.9763+1.2967i
27.6	0.4413+0.1147i	24.8286-0.5122i	0.5034-0.1132i	-0.4922-0.5550i	0.4401-1.8422i	0.5112-0.0402i	-0.5245-0.5429i	1.1697+1.2593i
27.7	0.4829+0.1129i	24.3820-0.2674i	0.5097-0.1242i	-0.5755-0.5322i	0.2737-1.8025i	0.5205-0.0483i	-0.6086-0.5182i	1.3736+1.1350i
27.8	0.5217+0.1185i	24.0296-0.0614i	0.5100-0.1257i	-0.6458-0.5100i	0.1030-1.7249i	0.5230-0.0529i	-0.6799-0.4956i	1.5032+1.0148i
27.9	0.5620+0.1142i	23.7105+0.3553i	0.5154-0.1170i	-0.6965-0.4602i	-0.0142-1.5596i	0.5265-0.0511i	-0.7335-0.4444i	1.6051+0.8532i
28.0	0.5945+0.1047i	23.5112+0.5906i	0.5199-0.1132i	-0.7263-0.4150i	-0.0540-1.4174i	0.5307-0.0493i	-0.7609-0.4000i	1.6243+0.7259i
28.1	0.6244+0.0900i	23.4815+0.6659i	0.5333-0.1096i	-0.7207-0.3756i	-0.0094-1.3186i	0.5401-0.0465i	-0.7573-0.3627i	1.6167+0.6378i
28.2	0.6462+0.0777i	23.5290+0.8323i	0.5514-0.1054i	-0.7277-0.3356i	0.0229-1.2051i	0.5543-0.0450i	-0.7657-0.3206i	1.6508+0.5443i
28.3	0.6751+0.0597i	23.3538+1.1149i	0.5708-0.1079i	-0.7407-0.2983i	0.0686-1.1180i	0.5716-0.0480i	-0.7764-0.2811i	1.6837+0.4412i
28.4	0.7055+0.0451i	23.2203+1.1713i	0.5967-0.1177i	-0.7394-0.2713i	0.1627-1.0877i	0.5905-0.0576i	-0.7762-0.2503i	1.6894+0.3120i
28.5	0.7334+0.0330i	23.2320+1.3803i	0.6128-0.1249i	-0.7376-0.2513i	0.2047-1.0761i	0.5995-0.0683i	-0.7773-0.2276i	1.6705+0.2258i
28.6	0.7605+0.0220i	23.1421+1.2969i	0.6459-0.1285i	-0.7280-0.2371i	0.3209-1.0454i	0.6247-0.0705i	-0.7688-0.2104i	1.6874+0.1677i
28.7	0.7813+0.0046i	23.1556+1.3916i	0.6635-0.1396i	-0.7231-0.2152i	0.3762-1.0381i	0.6335-0.0791i	-0.7659-0.1864i	1.6592+0.0877i
28.8	0.8114-0.0115i	22.9883+1.5053i	0.6811-0.1543i	-0.7135-0.1989i	0.4319-1.0466i	0.6477-0.0917i	-0.7605-0.1654i	1.6446+0.0125i
28.9	0.8386-0.0233i	23.0554+1.5079i	0.7002-0.1571i	-0.7086-0.1909i	0.4960-1.0230i	0.6590-0.0916i	-0.7552-0.1539i	1.6097-0.0300i
29.0	0.8727-0.0243i	22.8780+1.5039i	0.7217-0.1752i	-0.7113-0.1922i	0.5432-1.0590i	0.6706-0.1075i	-0.7500-0.1491i	1.5907-0.1018i
29.1	0.9050-0.0404i	22.7169+1.6229i	0.7372-0.1943i	-0.7103-0.1803i	0.5815-1.1026i	0.6738-0.1274i	-0.7469-0.1352i	1.5547-0.1755i
29.2	0.9247-0.0680i	22.7646+1.6243i	0.7467-0.2089i	-0.7002-0.1762i	0.6147-1.1403i	0.6732-0.1349i	-0.7395-0.1313i	1.4842-0.1939i
29.3	0.9648-0.0821i	22.7301+1.7389i	0.7742-0.2214i	-0.6881-0.1626i	0.6746-1.1516i	0.6861-0.1466i	-0.7267-0.1146i	1.4403-0.2553i
29.4	0.9995-0.0961i	22.5321+1.7997i	0.8138-0.2430i	-0.6940-0.1612i	0.7868-1.1948i	0.7158-0.1601i	-0.7321-0.1085i	1.4859-0.3107i
29.5	1.0455-0.1249i	22.3756+1.8011i	0.8382-0.2626i	-0.6906-0.1594i	0.8397-1.2229i	0.7163-0.1680i	-0.7254-0.0969i	1.4256-0.3370i
29.6	1.0857-0.1582i	22.3638+1.9948i	0.8242-0.2850i	-0.6912-0.1529i	0.7793-1.2804i	0.6892-0.1843i	-0.7189-0.0900i	1.2772-0.3825i
29.7	1.1370-0.1876i	22.2671+1.9645i	0.8271-0.3103i	-0.6949-0.1508i	0.7843-1.3555i	0.6776-0.1987i	-0.7166-0.0872i	1.1662-0.4168i
29.8	1.1975-0.2143i	22.0614+1.9573i	0.8537-0.3380i	-0.7015-0.1504i	0.8614-1.4022i	0.6872-0.2101i	-0.7190-0.0873i	1.1065-0.4477i
29.9	1.2370-0.2399i	22.0565+1.9779i	0.8777-0.3552i	-0.6984-0.1484i	0.9311-1.4248i	0.6951-0.2161i	-0.7180-0.0855i	1.0832-0.4581i
30.0	1.2803-0.2852i	22.1291+1.7695i	0.9050-0.3838i	-0.6906-0.1420i	1.0114-1.4885i	0.7048-0.2272i	-0.7017-0.0759i	1.0484-0.4741i
30.1	1.3493-0.3436i	21.7171+1.8411i	0.9146-0.3998i	-0.7013-0.1358i	1.0431-1.5216i	0.6923-0.2240i	-0.7049-0.0720i	0.9360-0.4169i
30.2	1.4104-0.3983i	21.4269+1.9901i	0.9322-0.4335i	-0.7105-0.1274i	1.1007-1.6023i	0.6908-0.2385i	-0.7113-0.0679i	0.8788-0.4237i
30.3	1.4616-0.4792i	21.4287+2.3047i	0.9510-0.4569i	-0.6957-0.1185i	1.1613-1.6650i	0.6829-0.2335i	-0.6941-0.0632i	0.8139-0.3961i
30.4	1.5243-0.5487i	21.0747+1.8661i	0.9630-0.4951i	-0.6982-0.1482i	1.1808-1.8138i	0.6758-0.2258i	-0.6955-0.0950i	0.7287-0.3666i
30.5	1.6052-0.6225i	20.5367+1.6168i	0.9839-0.5472i	-0.7054-0.1717i	1.2132-1.9827i	0.6748-0.2321i	-0.6993-0.1202i	0.6304-0.4068i
30.6	1.6563-0.7047i	20.1952+1.8827i	0.9880-0.5774i	-0.7151-0.1746i	1.1760-2.0428i	0.6657-0.2225i	-0.7046-0.1280i	0.5139-0.3745i
30.7	1.6981-0.8209i	20.3573+1.7727i	0.9723-0.6007i	-0.7177-0.1832i	1.1438-2.0845i	0.6468-0.1922i	-0.7066-0.1385i	0.3273-0.2232i
30.8	1.7526-0.9648i	20.1724+1.6158i	0.9787-0.6336i	-0.7168-0.2104i	1.1601-2.1658i	0.6403-0.1521i	-0.7090-0.1707i	0.2006-0.0522i

30.9	1.7980-1.1209i	19.6700+2.0257i	0.9876-0.6594i	-0.7423-0.2103i	1.1831-2.2234i	0.6486-0.1229i	-0.7318-0.1725i	0.1135+0.1270i
31.0	1.8259-1.2861i	19.2034+2.1909i	0.9963-0.6925i	-0.7666-0.2208i	1.2061-2.3131i	0.6623-0.0887i	-0.7526-0.1840i	0.0598+0.3322i
31.1	1.8402-1.4686i	18.8783+2.0892i	1.0044-0.7358i	-0.7888-0.2406i	1.2305-2.4511i	0.6808-0.0487i	-0.7762-0.2077i	0.0329+0.5406i
31.2	1.8525-1.6520i	18.6657+2.2381i	1.0210-0.7780i	-0.8210-0.2628i	1.3021-2.5661i	0.7132-0.0020i	-0.8124-0.2367i	0.0323+0.7649i
31.3	1.8747-1.7923i	18.3208+1.7113i	1.0325-0.7952i	-0.8733-0.3045i	1.3928-2.6329i	0.7464+0.0578i	-0.8655-0.2813i	0.0100+1.0061i
31.4	1.7956-1.9895i	17.8224+1.9107i	1.0291-0.8450i	-0.9350-0.3176i	1.4103-2.8003i	0.8103+0.0907i	-0.9301-0.2947i	0.1186+1.2316i
31.5	1.7058-2.2536i	17.2626+2.3720i	1.0227-0.9044i	-1.0390-0.3050i	1.4493-3.0329i	0.8952+0.1276i	-1.0342-0.2852i	0.2623+1.5197i
31.6	1.6273-2.4606i	16.5011+2.3559i	1.0323-0.9378i	-1.1072-0.2834i	1.4903-3.2302i	0.9767+0.1649i	-1.1028-0.2692i	0.4028+1.7941i
31.7	1.4661-2.6813i	15.9187+2.7966i	1.0017-0.9749i	-1.2298-0.2205i	1.4631-3.4495i	1.0888+0.1800i	-1.2267-0.2084i	0.6113+2.0512i
31.8	1.3417-2.9070i	14.8961+3.2471i	1.0006-1.0358i	-1.3290-0.1679i	1.4799-3.7538i	1.1952+0.1759i	-1.3311-0.1618i	0.8262+2.2675i
31.9	1.1820-3.1155i	14.1622+3.4886i	1.0019-1.0766i	-1.3846-0.0976i	1.4303-4.0434i	1.2963+0.1756i	-1.3878-0.0970i	1.0867+2.4993i
32.0	0.9098-3.1728i	15.1702+3.9184i	0.9667-1.0434i	-1.3622+0.0552i	1.2438-4.1674i	1.3641+0.1388i	-1.3660+0.0524i	1.3874+2.5965i
32.1	0.6489-3.3528i	14.5040+4.1313i	0.9620-1.0428i	-1.4113+0.2083i	1.1043-4.4129i	1.4942+0.1074i	-1.4255+0.2071i	1.7779+2.8245i
32.2	0.4068-3.6045i	12.7219+4.8544i	0.9597-1.1261i	-1.5055+0.3122i	0.9603-4.8529i	1.6474+0.0618i	-1.5304+0.3065i	2.2031+3.0240i
32.3	0.0845-3.6913i	12.0162+5.3818i	0.9489-1.1726i	-1.4771+0.3956i	0.6508-5.1327i	1.7378+0.0047i	-1.5042+0.3915i	2.6523+3.0639i
32.4	-0.2768-3.9017i	10.2684+5.5728i	0.9487-1.2423i	-1.4626+0.4980i	0.2853-5.5990i	1.8663-0.0504i	-1.4953+0.4956i	3.1998+3.2473i
32.5	-0.7344-3.8478i	9.9479+7.0403i	0.9183-1.2518i	-1.3764+0.6412i	-0.2348-5.7212i	1.9671-0.1562i	-1.4187+0.6342i	3.7973+3.1429i
32.6	-1.0489-3.8344i	9.0558+7.6489i	0.9037-1.2593i	-1.3672+0.7656i	-0.6528-5.8564i	2.0718-0.2544i	-1.4152+0.7594i	4.2809+3.0717i
32.7	-1.2967-3.5905i	9.6575+7.7188i	0.9339-1.2185i	-1.2888+0.7962i	-0.9083-5.6503i	2.1637-0.3401i	-1.3418+0.7936i	4.7171+2.7912i
32.8	-1.7099-3.4041i	8.9949+9.3589i	0.9568-1.2627i	-1.1527+0.8417i	-1.4089-5.5537i	2.2586-0.4797i	-1.2158+0.8437i	5.3786+2.3533i
32.9	-2.0067-3.3558i	7.4433+9.7715i	0.9890-1.2977i	-1.0909+0.9497i	-1.8151-5.6476i	2.3666-0.6099i	-1.1595+0.9577i	5.9035+2.1366i
33.0	-2.1964-3.0678i	7.1697+9.9542i	1.0392-1.2928i	-1.0159+0.9704i	-2.0449-5.3769i	2.4484-0.7476i	-1.0885+0.9865i	6.2342+1.6338i
33.1	-2.5397-2.8391i	5.4000+11.6644i	1.0671-1.3614i	-0.9367+0.9981i	-2.5135-5.1727i	2.5392-0.9348i	-1.0132+1.0215i	6.7735+1.0141i
33.2	-2.8503-2.2845i	5.5186+15.4981i	1.0667-1.4094i	-0.7412+1.0118i	-2.9340-4.4794i	2.5244-1.1932i	-0.8307+1.0407i	7.0340-0.0211i
33.3	-2.9083-1.9627i	5.8317+16.5781i	1.1524-1.4210i	-0.6278+1.0105i	-2.8538-4.0817i	2.5495-1.3216i	-0.7265+1.0451i	7.0785-0.5442i
33.4	-2.8066-1.5421i	7.6936+18.0497i	1.2687-1.4554i	-0.4969+0.9201i	-2.4622-3.6272i	2.5302-1.4504i	-0.6058+0.9626i	6.9334-1.1868i
33.5	-2.9113-1.2360i	6.2287+20.4319i	1.4076-1.6054i	-0.4157+0.8611i	-2.3229-3.4585i	2.6142-1.6638i	-0.5410+0.9170i	7.1199-1.8611i
33.6	-2.8570-1.0151i	4.7510+21.8909i	1.5429-1.8466i	-0.4358+0.8043i	-2.0176-3.6012i	2.7024-1.9137i	-0.5705+0.8797i	7.1109-2.4871i
33.7	-2.5896-0.6257i	6.4817+24.9310i	1.5725-2.1054i	-0.4393+0.7658i	-1.5868-3.6812i	2.6533-2.2279i	-0.5736+0.8662i	6.7129-3.3186i
33.8	-2.1834-0.4289i	9.4390+25.6028i	1.5869-2.3552i	-0.4520+0.6714i	-1.0985-4.0003i	2.5741-2.4427i	-0.5853+0.7938i	6.1329-3.8944i
33.9	-1.7387-0.5346i	11.4232+23.7604i	1.6103-2.6587i	-0.5127+0.6038i	-0.6597-4.7662i	2.5184-2.6463i	-0.6396+0.7485i	5.5299-4.1691i
34.0	-1.6623-0.9179i	7.6949+22.4795i	1.6601-3.1130i	-0.6162+0.7038i	-0.6656-5.9800i	2.6185-2.9935i	-0.7387+0.8667i	5.4325-4.2587i
34.1	-1.8981-1.2433i	3.0765+24.8336i	1.4475-3.6466i	-0.6082+0.8642i	-1.4651-7.1954i	2.5135-3.4851i	-0.7159+1.0548i	5.3158-4.5274i
34.2	-2.2340-1.3744i	-0.2797+28.7498i	1.1426-4.1277i	-0.5339+0.9504i	-2.4342-8.0947i	2.3224-3.9514i	-0.6268+1.1651i	5.2171-4.8552i
34.3	-2.8169-1.2084i	-2.7140+38.2540i	0.3899-4.7324i	-0.3700+0.9871i	-4.4774-8.8768i	1.7383-4.6077i	-0.4243+1.2320i	4.8814-5.5323i
34.4	-3.3998-0.6761i	-1.8904+52.5395i	-0.7525-5.2311i	-0.2508+0.9933i	-7.2572-9.0070i	0.8552-5.2550i	-0.2553+1.2798i	4.4287-6.6051i
34.5	-3.6152-0.0224i	5.9384+62.8763i	-2.0018-4.9299i	-0.2086+0.9902i	-9.8475-7.4730i	-0.2005-5.1963i	-0.1497+1.2678i	3.7542-7.0408i
34.6	-3.6295+0.4989i	14.7149+68.2406i	-2.9526-4.3814i	-0.1901+0.9949i	-11.7050-5.6387i	-1.0123-4.9065i	-0.0764+1.2558i	3.1752-7.3253i
34.7	-3.1719+1.1723i	31.5562+67.6571i	-3.5980-2.9352i	-0.0654+0.9904i	-12.1287-1.8201i	-1.7995-3.9252i	0.0907+1.1906i	1.8619-7.3760i
34.8	-2.7343+1.6095i	42.5886+64.6374i	-3.5994-1.8111i	0.1050+1.0069i	-11.2538+1.0333i	-2.0743-3.1823i	0.2797+1.1590i	0.7837-7.4072i
34.9	-2.3605+1.7470i	47.7319+58.8056i	-3.1943-1.1593i	0.1948+0.9231i	-9.7040+2.4063i	-1.9540-2.6360i	0.3603+1.0391i	0.1445-7.0061i
35.0	-2.0137+1.9335i	52.5937+54.3851i	-2.8453-0.5986i	0.3271+0.8352i	-8.2842+3.7284i	-1.9096-2.2000i	0.4861+0.9203i	-0.6311-6.8240i
35.1	-1.5910+1.9565i	55.7514+49.1098i	-2.3286-0.2860i	0.3910+0.6815i	-6.4790+4.1223i	-1.7158-1.8250i	0.5335+0.7421i	-1.2779-6.1726i
35.2	-1.1502+1.9269i	58.9521+43.2432i	-1.8481-0.0467i	0.4190+0.5279i	-4.8166+4.2333i	-1.5338-1.4898i	0.5462+0.5684i	-1.8529-5.4406i
35.3	-0.8035+1.9060i	61.3838+39.4881i	-1.4914+0.0753i	0.4366+0.4077i	-3.6159+4.1415i	-1.3950-1.2802i	0.5482+0.4340i	-2.2041-4.8330i
35.4	-0.5584+1.7740i	61.9358+35.7380i	-1.1895+0.0850i	0.3998+0.3142i	-2.7632+3.7667i	-1.2187-1.1224i	0.4965+0.3332i	-2.2734-4.1884i
35.5	-0.3596+1.5360i	61.2286+31.0474i	-0.8791-0.0228i	0.3165+0.2243i	-2.0218+3.0122i	-0.9682-1.0258i	0.3952+0.2423i	-2.1303-3.5261i
35.6	-0.1445+1.4049i	62.2962+27.9545i	-0.6688-0.0391i	0.2885+0.1545i	-1.4303+2.6781i	-0.8452-0.9223i	0.3539+0.1681i	-2.1483-3.0944i
35.7	0.0172+1.1780i	62.1693+23.7720i	-0.4535-0.1166i	0.2195+0.0743i	-0.9283+2.1004i	-0.6663-0.8141i	0.2715+0.0864i	-2.0445-2.5522i
35.8	0.0341+0.9750i	60.4443+21.2249i	-0.3223-0.2517i	0.1617+0.0510i	-0.8392+1.5038i	-0.4977-0.8270i	0.2093+0.0703i	-1.7575-2.2261i
35.9	0.0900+0.7954i	59.4695+18.3351i	-0.1808-0.3579i	0.1118+0.0414i	-0.6729+1.0397i	-0.3364-0.8331i	0.1525+0.0639i	-1.5291-1.9765i
36.0	0.1062+0.7117i	58.8569+17.2714i	-0.0891-0.4142i	0.0850+0.0322i	-0.5799+0.8449i	-0.2203-0.8405i	0.1188+0.0554i	-1.3385-1.8548i
36.1	0.1516+0.5672i	58.6408+15.1999i	0.0061-0.4764i	0.0577-0.0028i	-0.4593+0.5472i	-0.1159-0.8215i	0.0821+0.0239i	-1.2174-1.6450i
36.2	0.1069+0.4478i	56.7923+13.7449i	0.0690-0.6253i	0.0133-0.0094i	-0.5249+0.1680i	0.0100-0.9248i	0.0356+0.0237i	-0.9805-1.6165i
36.3	0.0928+0.3592i	56.0886+12.8197i	0.1169-0.7158i	-0.0128-0.0162i	-0.5272-0.0641i	0.0874-0.9869i	0.0062+0.0207i	-0.8521-1.5691i
36.4	0.0906+0.2329i	55.6447+11.0121i	0.2040-0.8047i	-0.0361-0.0483i	-0.4738-0.3095i	0.1942-1.0008i	-0.0208-0.0100i	-0.7298-1.4651i
36.5	0.0269+0.1435i	54.3848+9.9095i	0.2355-0.9332i	-0.0601-0.0615i	-0.5446-0.5454i	0.2747-1.0986i	-0.0455-0.0163i	-0.5898-1.5009i
36.6	-0.0024+0.1125i	53.6004+9.6949i	0.2032-1.0386i	-0.0854-0.0632i	-0.6032-0.7098i	0.2787-1.2186i	-0.0677-0.0161i	-0.6079-1.5064i
36.7	-0.0173+0.0659i	53.0919+8.8028i	0.2365-1.1239i	-0.1101-0.0668i	-0.5954-0.8538i	0.3348-1.2910i	-0.0905-0.0157i	-0.5335-1.5077i
36.8	-0.0471-0.0058i	52.7072+7.7557i	0.2611-1.2118i	-0.1446-0.0909i	-0.5850-1.0182i	0.3881-1.3460i	-0.1277-0.0377i	-0.4800-1.4492i
36.9	-0.0982-0.0556i	51.9770+7.2696i	0.2355-1.3219i	-0.1826-0.1116i	-0.6557-1.1762i	0.3947-1.4470i	-0.1674-0.0564i	-0.4787-1.4262i
37.0	-0.1505-0.0987i	51.2375+6.4843i	0.2380-1.4032i	-0.2136-0.1268i	-0.7045-1.3124i	0.4338-1.5098i	-0.1972-0.0695i	-0.4154-1.3698i
37.1	-0.2238-0.1408i	50.1701+5.8443i	0.2123-1.5480i	-0.2497-0.1395i	-0.7442-1.5181i	0.4479-1.6543i	-0.2313-0.0755i	-0.4076-1.4226i

37.2	-0.2601-0.1496i	50.0859+5.6084i	0.1776-1.6163i	-0.2816-0.1435i	-0.7827-1.6493i	0.4215-1.7282i	-0.2643-0.0738i	-0.4338-1.4028i
37.3	-0.2778-0.1425i	50.0351+5.3989i	0.1312-1.6543i	-0.3048-0.1337i	-0.8189-1.7046i	0.3794-1.7725i	-0.2864-0.0624i	-0.4510-1.3534i
37.4	-0.3259-0.1487i	49.6091+5.0587i	0.0884-1.7154i	-0.3447-0.1275i	-0.8704-1.8345i	0.3593-1.8405i	-0.3264-0.0561i	-0.4547-1.3182i
37.5	-0.3980-0.1575i	48.7395+4.4026i	0.0396-1.8619i	-0.4053-0.1165i	-0.9548-2.0860i	0.3517-1.9891i	-0.3850-0.0409i	-0.4408-1.2884i
37.6	-0.4348-0.1553i	48.3986+3.7985i	-0.0408-1.9582i	-0.4221-0.0902i	-1.0852-2.2748i	0.2784-2.0987i	-0.3965-0.0088i	-0.5272-1.2873i
37.7	-0.4854-0.0920i	47.6230+3.8955i	-0.1850-2.0308i	-0.4558-0.0547i	-1.3082-2.3714i	0.1495-2.2143i	-0.4206+0.0265i	-0.5691-1.2827i
37.8	-0.5003-0.0634i	47.6054+3.7052i	-0.2528-2.0649i	-0.4647-0.0309i	-1.4221-2.4284i	0.0636-2.2632i	-0.4268+0.0479i	-0.6098-1.2503i
37.9	-0.5399-0.0249i	47.0354+3.3102i	-0.3272-2.1411i	-0.4831-0.0024i	-1.5787-2.5750i	-0.0126-2.3533i	-0.4459+0.0792i	-0.6168-1.1991i
38.0	-0.5756+0.0024i	46.2783+2.8841i	-0.4468-2.1989i	-0.5119+0.0138i	-1.7683-2.7140i	-0.1159-2.4240i	-0.4695+0.0973i	-0.6512-1.0744i
38.1	-0.5537+0.0489i	46.1979+2.8375i	-0.5206-2.1886i	-0.5079+0.0472i	-1.9314-2.7084i	-0.2005-2.4260i	-0.4629+0.1283i	-0.6537-0.9554i
38.2	-0.5522+0.0715i	45.8005+2.4230i	-0.6364-2.2302i	-0.5095+0.0691i	-2.1283-2.8314i	-0.3246-2.4837i	-0.4571+0.1522i	-0.6529-0.8027i
38.3	-0.5269+0.0964i	45.7187+2.5775i	-0.7474-2.2249i	-0.5021+0.0920i	-2.2846-2.8188i	-0.4509-2.4782i	-0.4493+0.1746i	-0.6422-0.7142i
38.4	-0.5271+0.1009i	45.4357+2.3337i	-0.8043-2.2396i	-0.5074+0.1064i	-2.3988-2.8390i	-0.5133-2.4932i	-0.4539+0.1916i	-0.6184-0.6503i
38.5	-0.5293+0.1037i	44.9386+2.2012i	-0.8819-2.2395i	-0.4997+0.1134i	-2.6316-2.9168i	-0.6017-2.5056i	-0.4391+0.1982i	-0.5593-0.5457i
38.6	-0.5530+0.1331i	44.0655+2.2407i	-1.0444-2.2225i	-0.5073+0.1371i	-3.0466-2.8530i	-0.7850-2.4871i	-0.4434+0.2177i	-0.4446-0.4917i
38.7	-0.5498+0.1526i	43.8982+2.2896i	-1.1435-2.2088i	-0.5026+0.1525i	-3.2629-2.7039i	-0.9035-2.4531i	-0.4358+0.2322i	-0.3858-0.5063i
38.8	-0.5519+0.1687i	43.7688+2.1233i	-1.2244-2.2349i	-0.4902+0.1601i	-3.4450-2.6157i	-1.0034-2.4498i	-0.4180+0.2399i	-0.3808-0.5007i
38.9	-0.5385+0.1779i	43.4630+2.1960i	-1.3207-2.1644i	-0.4738+0.1682i	-3.6291-2.4941i	-1.1025-2.3748i	-0.3999+0.2440i	-0.3708-0.4200i
39.0	-0.5335+0.1917i	43.3928+2.3824i	-1.3904-2.0968i	-0.4615+0.1683i	-3.8214-2.2502i	-1.1959-2.2825i	-0.3857+0.2436i	-0.3279-0.4186i
39.1	-0.5481+0.2248i	42.9098+2.4095i	-1.4850-2.0920i	-0.4710+0.1706i	-3.9610-2.0630i	-1.2651-2.2441i	-0.3920+0.2392i	-0.3225-0.4061i
39.2	-0.5261+0.2400i	42.7952+2.5890i	-1.5509-2.0225i	-0.4699+0.1670i	-4.0469-1.8903i	-1.3214-2.1598i	-0.3854+0.2292i	-0.2862-0.3115i
39.3	-0.4975+0.2642i	42.6773+2.3738i	-1.6544-1.9556i	-0.4709+0.1734i	-4.1385-1.7223i	-1.4032-2.0966i	-0.3873+0.2352i	-0.2072-0.2130i
39.4	-0.4843+0.2864i	42.6132+2.5239i	-1.7322-1.8998i	-0.4840+0.1761i	-4.2134-1.5228i	-1.4649-2.0290i	-0.4002+0.2344i	-0.1603-0.1673i
39.5	-0.4744+0.3165i	42.2586+2.7613i	-1.7804-1.8378i	-0.4783+0.1856i	-4.2099-1.2863i	-1.4967-1.9598i	-0.3933+0.2386i	-0.1206-0.1446i
39.6	-0.4620+0.3499i	41.8409+2.9130i	-1.8851-1.7468i	-0.4807+0.2011i	-4.2662-1.0488i	-1.5611-1.8835i	-0.3897+0.2484i	-0.0569-0.1081i
39.7	-0.4460+0.3517i	42.0261+2.8079i	-1.9059-1.6637i	-0.4784+0.1891i	-4.1860-0.9047i	-1.5712-1.8165i	-0.3839+0.2312i	-0.0485-0.0155i
39.8	-0.4275+0.3704i	41.9344+2.9602i	-1.9305-1.6036i	-0.4886+0.1917i	-4.1101-0.8359i	-1.6048-1.7571i	-0.3938+0.2315i	0.0295+0.1191i
39.9	-0.4182+0.3840i	41.8791+2.9319i	-1.9681-1.5735i	-0.5040+0.1904i	-4.0743-0.7714i	-1.6209-1.7065i	-0.4104+0.2295i	0.1131+0.1787i
40.0	-0.3906+0.3979i	42.0741+3.0151i	-1.9783-1.5119i	-0.5000+0.1971i	-4.0398-0.6505i	-1.6193-1.6486i	-0.4114+0.2320i	0.1818+0.1941i
40.1	-0.3541+0.4177i	42.0583+3.2635i	-2.0176-1.4157i	-0.5022+0.2100i	-4.0108-0.5358i	-1.6388-1.5719i	-0.4104+0.2373i	0.2797+0.2436i
40.2	-0.3168+0.3972i	41.9639+3.1892i	-2.0271-1.3423i	-0.4948+0.2209i	-4.0078-0.4708i	-1.6592-1.5163i	-0.4012+0.2440i	0.3589+0.2284i
40.3	-0.2947+0.3949i	41.9981+3.0703i	-2.0378-1.2920i	-0.4960+0.2383i	-3.9980-0.3864i	-1.6664-1.4755i	-0.4038+0.2611i	0.4680+0.2224i
40.4	-0.2735+0.3909i	42.0605+3.2578i	-2.0303-1.2128i	-0.4942+0.2490i	-3.9841-0.2592i	-1.6589-1.3990i	-0.4069+0.2701i	0.5473+0.1755i
40.5	-0.2397+0.3801i	41.9999+3.3886i	-2.0276-1.1658i	-0.4822+0.2652i	-3.8591-0.1107i	-1.6648-1.3594i	-0.3961+0.2856i	0.5094+0.0745i
40.6	-0.2225+0.3858i	41.9985+3.5053i	-2.0258-1.1284i	-0.4670+0.2584i	-3.7358-0.0689i	-1.6670-1.3329i	-0.3813+0.2744i	0.4996+0.1257i
40.7	-0.2017+0.3813i	42.3986+3.4239i	-2.0256-1.0595i	-0.4471+0.2386i	-3.5353-0.1089i	-1.6671-1.2604i	-0.3650+0.2499i	0.4728+0.2453i
40.8	-0.1651+0.3706i	42.5014+3.5970i	-2.0380-0.9994i	-0.4279+0.2430i	-3.4328-0.0352i	-1.6939-1.2030i	-0.3472+0.2506i	0.4544+0.2413i
40.9	-0.1560+0.3743i	42.3470+3.7463i	-2.0410-0.9417i	-0.4330+0.2479i	-3.4343-0.0791i	-1.6888-1.1621i	-0.3546+0.2541i	0.5598+0.3625i
41.0	-0.1585+0.3488i	42.2575+3.7190i	-2.0385-0.9080i	-0.4450+0.2404i	-3.4653-0.0987i	-1.6752-1.1145i	-0.3699+0.2476i	0.6728+0.4630i
41.1	-0.1425+0.3305i	42.4125+3.5897i	-2.0197-0.8843i	-0.4493+0.2350i	-3.4315-0.0351i	-1.6519-1.0805i	-0.3751+0.2398i	0.7290+0.4769i
41.2	-0.1057+0.3333i	42.7209+3.5779i	-1.9882-0.8294i	-0.4570+0.2614i	-3.4428-0.0349i	-1.6056-1.0533i	-0.3844+0.2617i	0.8804+0.5805i
41.3	-0.1043+0.2860i	42.7133+3.6310i	-1.9812-0.7730i	-0.4287+0.2564i	-3.4035-0.0034i	-1.6146-1.0036i	-0.3577+0.2568i	1.0294+0.4993i
41.4	-0.1291+0.2523i	43.0916+3.8404i	-1.9570-0.7454i	-0.4252+0.2076i	-3.1681-0.0747i	-1.5869-0.9389i	-0.3537+0.2089i	0.8798+0.4760i
41.5	-0.1446+0.2548i	43.2997+3.7365i	-1.9414-0.7499i	-0.4258+0.1679i	-3.1612-0.1166i	-1.5767-0.9103i	-0.3604+0.1679i	0.9348+0.6065i
41.6	-0.1473+0.2330i	43.2657+3.4812i	-1.9254-0.7367i	-0.4243+0.1583i	-3.2464-0.1551i	-1.5601-0.8821i	-0.3625+0.1584i	1.1379+0.6541i
41.7	-0.1511+0.2136i	43.3413+3.3807i	-1.8934-0.7265i	-0.4478+0.1494i	-3.4184-0.2399i	-1.5308-0.8583i	-0.3870+0.1487i	1.3272+0.6999i
41.8	-0.1457+0.2228i	43.5594+3.4948i	-1.8801-0.7179i	-0.4763+0.1770i	-3.4548-0.1284i	-1.4952-0.8730i	-0.4120+0.1700i	1.4676+0.5286i
41.9	-0.1626+0.2310i	43.6125+3.4958i	-1.9054-0.7228i	-0.4817+0.1824i	-3.3500-0.1255i	-1.4820-0.8865i	-0.4152+0.1756i	1.4019+0.4169i
42.0	-0.1557+0.2353i	43.7955+3.4948i	-1.9003-0.6962i	-0.4748+0.1596i	-3.4657-0.0997i	-1.4799-0.8795i	-0.4061+0.1576i	1.4682+0.5554i
42.1	-0.1831+0.2185i	44.0014+3.4211i	-1.8908-0.6791i	-0.4792+0.1324i	-3.5459-0.0294i	-1.4570-0.8418i	-0.4144+0.1319i	1.5259+0.5639i
42.2	-0.1719+0.2429i	44.0590+3.4040i	-1.9014-0.6509i	-0.5399+0.1034i	-3.5942-0.1354i	-1.4538-0.8486i	-0.4767+0.1005i	1.6503+0.7028i
42.3	-0.1900+0.2577i	44.1547+3.1875i	-1.9060-0.6697i	-0.6336+0.1379i	-3.7352-0.0142i	-1.4486-0.8631i	-0.5725+0.1332i	1.8747+0.6366i
42.4	-0.1709+0.3040i	44.2079+3.2882i	-1.8878-0.6380i	-0.6249+0.2394i	-3.6476+0.1465i	-1.4499-0.8737i	-0.5683+0.2266i	1.9063+0.5694i
42.5	-0.1389+0.3363i	44.2198+3.1272i	-1.9199-0.6468i	-0.5368+0.2643i	-3.5137+0.0512i	-1.4981-0.8883i	-0.4826+0.2496i	1.9572+0.8065i
42.6	-0.1250+0.3139i	44.5326+3.0252i	-1.8926-0.6568i	-0.5130+0.2366i	-3.6719+0.1722i	-1.4850-0.8575i	-0.4583+0.2242i	2.1800+0.7893i
42.7	-0.1033+0.3092i	44.6200+3.3889i	-1.8672-0.6860i	-0.4852+0.1722i	-3.7298+0.2814i	-1.4667-0.8213i	-0.4368+0.1647i	2.5718+0.6028i
42.8	-0.0842+0.2910i	44.6550+3.2414i	-1.9117-0.6836i	-0.5082+0.1355i	-3.7873+0.3276i	-1.4426-0.8035i	-0.4612+0.1306i	2.7055+0.3807i
42.9	-0.0816+0.2824i	44.7948+3.0379i	-1.9439-0.6517i	-0.5376+0.1222i	-3.8233+0.5305i	-1.4303-0.8202i	-0.4844+0.1162i	2.6309+0.2868i
43.0	-0.1063+0.3068i	44.9482+2.9602i	-1.9569-0.6707i	-0.5579+0.0790i	-3.6243+0.5782i	-1.4492-0.8454i	-0.5035+0.0704i	2.6978+0.2942i
43.1	-0.0931+0.3249i	44.8480+2.7577i	-2.0265-0.6864i	-0.6586+0.0735i	-3.5621+0.4853i	-1.5094-0.8676i	-0.6087+0.0621i	2.7265+0.1497i
43.2	-0.0437+0.3531i	44.8669+2.6922i	-2.0640-0.6696i	-0.7157+0.1160i	-3.7171+0.5104i	-1.5581-0.8369i	-0.6734+0.1037i	2.8312+0.1937i
43.3	0.0040+0.3498i	45.0568+3.1418i	-2.0924-0.6199i	-0.7299+0.1581i	-3.6987+0.6762i	-1.5510-0.7797i	-0.6864+0.1491i	2.9641+0.0549i
43.4	0.0481+0.3267i	45.3791+3.4048i	-2.1253-0.5627i	-0.7521+0.1570i	-3.6321+0.5596i	-1.5296-0.7384i	-0.7074+0.1507i	2.9923-0.1245i

43.5	-0.0255+0.2972i	45.9157+3.3010i	-2.1354-0.5535i	-0.7844+0.1683i	-3.7079+0.7331i	-1.5083-0.7274i	-0.7373+0.1635i	2.9376-0.2394i
43.6	0.0105+0.3214i	46.1677+3.2192i	-2.1640-0.5414i	-0.7765+0.2246i	-3.6370+0.9340i	-1.5329-0.7686i	-0.7277+0.2176i	2.7845-0.2146i
43.7	0.1154+0.3165i	46.2405+2.8899i	-2.1709-0.5135i	-0.7449+0.2160i	-3.5723+0.8710i	-1.5917-0.7551i	-0.6937+0.2074i	2.8262+0.0650i
43.8	0.1527+0.2436i	46.1469+2.8703i	-2.1927-0.4948i	-0.8414+0.2042i	-3.8824+1.0081i	-1.5651-0.6867i	-0.7858+0.1815i	3.4024+0.0166i
43.9	0.1584+0.1947i	46.2943+2.6802i	-2.2197-0.4597i	-0.8833+0.2764i	-3.8021+1.3939i	-1.5413-0.6820i	-0.8394+0.2511i	3.5227-0.3105i
44.0	0.1631+0.1967i	46.5452+2.6244i	-2.2021-0.4156i	-0.8771+0.3108i	-3.5804+1.4357i	-1.5093-0.6643i	-0.8381+0.2915i	3.6015-0.4096i
44.1	0.1779+0.1088i	46.7802+2.8654i	-2.1959-0.4258i	-0.9013+0.3645i	-3.5180+1.5352i	-1.4648-0.6990i	-0.8585+0.3428i	3.8377-0.8124i
44.2	0.2023+0.1249i	47.0323+2.9549i	-2.2247-0.3954i	-0.9442+0.4423i	-3.3567+1.9110i	-1.4457-0.7636i	-0.9109+0.4131i	3.7614-1.1345i
44.3	0.2502+0.0972i	47.2950+2.5930i	-2.2457-0.3388i	-0.8943+0.5984i	-2.5071+2.0624i	-1.5186-0.8458i	-0.8717+0.5682i	3.3414-1.5209i
44.4	0.2894-0.0633i	47.2588+2.5793i	-2.2293-0.3445i	-0.6689+0.6586i	-1.9405+1.3977i	-1.7091-0.8614i	-0.6522+0.6360i	2.7276-1.3093i
44.5	0.2248-0.1604i	47.3792+2.7149i	-2.2604-0.3590i	-0.6125+0.5562i	-2.2299+1.0019i	-1.7480-0.7450i	-0.5926+0.5321i	2.8962-0.8628i
44.6	0.2135-0.2037i	47.6296+2.7470i	-2.2749-0.3502i	-0.6006+0.5305i	-2.2784+0.9082i	-1.7288-0.6868i	-0.5928+0.5043i	3.1261-0.7921i
44.7	0.0853-0.2772i	47.7604+2.6012i	-2.3228-0.3709i	-0.5434+0.3375i	-2.5959+0.5370i	-1.7378-0.6098i	-0.5242+0.3169i	3.3301-0.6144i
44.8	-0.0226-0.2913i	47.8720+2.7590i	-2.3785-0.3700i	-0.6621+0.2331i	-2.9515+0.5029i	-1.7248-0.5790i	-0.6345+0.2125i	3.5879-0.6946i
44.9	-0.1449-0.2100i	48.3359+2.6684i	-2.5121-0.3136i	-0.8295+0.2515i	-3.6407+0.6063i	-1.6665-0.5517i	-0.7931+0.2351i	3.8819-1.0040i
45.0	-0.1187-0.1851i	48.7575+2.6001i	-2.5772-0.2421i	-0.8882+0.3052i	-3.7844+1.1982i	-1.6647-0.5832i	-0.8525+0.2807i	3.8786-1.2301i
45.1	-0.1303-0.2083i	49.0378+2.3100i	-2.5903-0.1122i	-0.9346+0.3847i	-3.1327+1.7075i	-1.7246-0.6014i	-0.9110+0.3542i	3.5979-1.3362i
45.2	-0.1801-0.1613i	49.2901+2.2465i	-2.5753-0.0023i	-1.0220+0.5138i	-2.9281+1.6378i	-1.7418-0.5562i	-1.0011+0.4797i	3.5955-1.2859i
45.3	-0.1264-0.1959i	49.5207+2.0023i	-2.5217+0.0671i	-0.9100+0.7202i	-2.4878+1.9025i	-1.7789-0.5354i	-0.8933+0.6787i	3.5918-1.1451i
45.4	-0.1935-0.1939i	49.1822+2.0978i	-2.4844-0.0265i	-0.7971+0.5537i	-2.4555+1.1300i	-1.7652-0.4819i	-0.7909+0.5180i	4.2769-0.7869i
45.5	-0.2278-0.2070i	49.6340+1.9021i	-2.5792+0.0568i	-0.9410+0.7047i	-2.8134+1.6701i	-1.7161-0.5038i	-0.9419+0.6652i	4.6577-1.6017i
45.6	-0.2627-0.2383i	49.9448+1.7706i	-2.5213+0.0871i	-0.7866+0.7742i	-2.3553+1.6669i	-1.7207-0.5071i	-0.7930+0.7384i	4.4386-1.7062i
45.7	-0.2385-0.1829i	50.1590+1.9640i	-2.5604+0.0332i	-0.8307+0.5913i	-2.6129+1.3773i	-1.6756-0.4845i	-0.8408+0.5598i	5.0581-1.7264i
45.8	-0.2529-0.2122i	50.4455+1.6823i	-2.6636+0.1233i	-0.8862+0.6932i	-2.6072+1.8284i	-1.7095-0.5676i	-0.9009+0.6690i	4.9865-2.7560i
45.9	-0.3303-0.2339i	50.9441+1.4384i	-2.6603+0.2677i	-0.8672+0.7740i	-2.1382+2.0301i	-1.7942-0.5780i	-0.8839+0.7505i	4.3654-3.1063i
46.0	-0.3670-0.2088i	51.0595+1.5018i	-2.6078+0.3114i	-0.9280+0.8575i	-1.7096+1.9030i	-1.8198-0.5510i	-0.9469+0.8311i	4.2645-3.0540i
46.1	-0.3185-0.2787i	50.9347+1.3522i	-2.5915+0.3490i	-0.7193+1.2014i	-1.2105+1.5097i	-1.9401-0.6129i	-0.7535+1.1798i	3.8347-3.4312i
46.2	-0.3636-0.3266i	51.0446+1.2999i	-2.5474+0.3224i	-0.3009+1.0401i	-1.6212+0.7478i	-2.0357-0.4839i	-0.3375+1.0289i	3.6798-2.7633i
46.3	-0.4265-0.3589i	51.6748+1.0881i	-2.6214+0.3116i	-0.3502+0.7726i	-2.3682+1.0961i	-1.9193-0.4386i	-0.3853+0.7573i	4.7279-3.0913i
46.4	-0.5565-0.4628i	52.2450+0.8277i	-2.6593+0.4493i	-0.3567+0.8541i	-1.6430+1.8230i	-1.9976-0.5778i	-0.4073+0.8460i	4.1181-4.7596i
46.5	-0.7623-0.3308i	52.0541+0.8947i	-2.5871+0.4981i	-0.2143+0.6548i	-0.7779+1.1710i	-2.2005-0.4486i	-0.2588+0.6685i	2.5479-4.2994i
46.6	-0.8917-0.1722i	52.1133+0.8784i	-2.5637+0.4749i	-0.3176+0.4148i	-0.7497+0.2494i	-2.2338-0.2384i	-0.3514+0.4314i	2.3168-3.0490i
46.7	-0.8791-0.0877i	52.4183+0.8204i	-2.5708+0.4725i	-0.4024+0.3831i	-1.3155-0.2196i	-2.1876-0.1290i	-0.4364+0.4012i	2.8217-2.4959i
46.8	-0.8326-0.0386i	52.6359+0.8202i	-2.5973+0.4858i	-0.4997+0.3801i	-1.9753-0.1967i	-2.0897-0.0911i	-0.5391+0.3919i	3.5917-2.5132i
46.9	-0.8210+0.0227i	53.0165+0.8155i	-2.6546+0.5380i	-0.5673+0.4607i	-2.0852+0.1869i	-2.0446-0.1448i	-0.6178+0.4749i	3.8886-3.2753i
47.0	-0.8916-0.0146i	53.2724+0.6412i	-2.6358+0.6188i	-0.4340+0.4362i	-1.5249+0.0632i	-2.1667-0.1654i	-0.4876+0.4524i	3.0606-3.7001i
47.1	-1.0087+0.1546i	53.6822+0.7241i	-2.6447+0.5898i	-0.5274+0.1481i	-1.8799-0.9464i	-2.2529+0.0253i	-0.5628+0.1782i	2.7227-2.8464i
47.2	-0.9756+0.3469i	54.2821+0.6227i	-2.7361+0.5964i	-0.7584+0.1447i	-2.7657-0.9407i	-2.1719+0.1366i	-0.7785+0.1763i	3.2000-2.5410i
47.3	-0.8470+0.3870i	54.2068+0.2693i	-2.7680+0.6964i	-0.9012+0.2926i	-3.3804-0.3389i	-2.0683+0.1474i	-0.9205+0.3214i	3.6984-2.8060i
47.4	-0.8140+0.3936i	54.9077+0.2463i	-2.7914+0.8290i	-0.9396+0.4796i	-3.6011+0.6206i	-2.0252+0.1398i	-0.9628+0.4927i	4.1343-3.3319i
47.5	-0.8234+0.3224i	55.2833-0.1339i	-2.7665+0.9291i	-0.8460+0.6302i	-3.3742+1.4176i	-2.0277+0.0996i	-0.8949+0.6398i	4.2469-4.1571i
47.6	-0.8479+0.3424i	55.5568-0.4294i	-2.7225+1.0453i	-0.6843+0.7376i	-2.2701+2.0703i	-2.0996+0.0461i	-0.7433+0.7621i	3.0103-5.1182i
47.7	-0.8536+0.4241i	55.7918-0.2405i	-2.6280+1.0935i	-0.5041+0.5994i	-1.1349+1.4591i	-2.1861+0.1348i	-0.5496+0.6435i	1.8256-4.4527i
47.8	-0.8654+0.4757i	55.8403-0.4182i	-2.4879+1.0365i	-0.5004+0.2940i	-0.8729+0.1440i	-2.1727+0.2968i	-0.5386+0.3356i	1.8427-2.8970i
47.9	-0.8722+0.5529i	56.2883-0.3467i	-2.5182+0.9418i	-0.7365+0.1709i	-1.4520-0.4199i	-2.0806+0.3395i	-0.7826+0.1999i	2.8974-2.6536i
48.0	-0.8674+0.6163i	56.8371-0.5049i	-2.6173+0.9761i	-0.8457+0.2600i	-1.5123-0.4521i	-2.1022+0.2912i	-0.9002+0.3050i	2.7798-3.3214i
48.1	-0.8089+0.6772i	56.8942-0.5679i	-2.6040+0.9965i	-0.9430+0.2304i	-2.1481-1.0675i	-2.0772+0.3808i	-0.9843+0.2721i	2.8769-2.4910i
48.2	-0.7386+0.6624i	57.8851-0.6879i	-2.6858+1.0285i	-1.1392+0.3317i	-2.8486-0.7153i	-2.0131+0.3670i	-1.1880+0.3705i	3.7586-3.0284i
48.3	-0.7436+0.6299i	58.5973-0.9089i	-2.6982+1.0819i	-1.0558+0.4909i	-2.6932-0.3935i	-2.1063+0.3492i	-1.1100+0.5360i	3.3895-3.5284i
48.4	-0.8173+0.6532i	58.6385-0.9577i	-2.7109+1.0674i	-0.8958+0.4515i	-2.5725-0.3904i	-2.1739+0.4257i	-0.9572+0.5014i	3.1449-3.2517i
48.5	-0.8656+0.6807i	58.9978-1.2644i	-2.7664+1.0895i	-0.9353+0.4039i	-2.8662+0.0007i	-2.1501+0.4286i	-1.0092+0.4595i	3.4473-3.5075i
48.6	-0.8451+0.7667i	59.8513-1.5121i	-2.8365+1.1817i	-1.0795+0.4343i	-2.6893+0.1984i	-2.1625+0.4494i	-1.1436+0.5032i	3.0925-3.8253i
48.7	-0.7977+0.7983i	60.3921-1.6071i	-2.8163+1.3128i	-0.9757+0.5286i	-2.2375+0.3422i	-2.2532+0.4905i	-1.0344+0.6003i	2.4503-3.5970i
48.8	-0.8277+0.8305i	60.6999-2.3708i	-2.6712+1.3682i	-0.7499+0.3216i	-1.2198+0.0834i	-2.3312+0.6331i	-0.7970+0.3872i	1.9724-2.6063i
48.9	-0.8151+0.8865i	61.0874-2.5087i	-2.6697+1.2660i	-0.9414+0.1025i	-1.2765-1.0283i	-2.2789+0.7466i	-0.9872+0.1620i	2.6363-1.8474i
49.0	-0.7862+0.9695i	61.7453-2.6640i	-2.8326+1.1700i	-1.2792-0.0296i	-2.2606-2.1036i	-2.2274+0.8696i	-1.3374+0.0312i	3.9959-1.2254i
49.1	-0.7760+0.9917i	62.4412-2.7714i	-2.9628+1.2105i	-1.4850-0.0087i	-2.8754-2.1366i	-2.2116+0.9413i	-1.5569+0.0582i	4.8153-1.3335i
49.2	-0.7339+1.0333i	63.0494-3.3972i	-3.0684+1.3037i	-1.7147+0.1387i	-3.6380-1.9322i	-2.0826+0.9762i	-1.7952+0.2107i	5.6505-2.0758i
49.3	-0.6733+1.1252i	63.7968-3.8605i	-3.1928+1.4720i	-1.9108+0.4083i	-4.1908-1.0148i	-1.9933+0.9237i	-1.9957+0.4891i	5.9634-3.5029i
49.4	-0.6609+1.1255i	64.5178-4.3415i	-3.1783+1.6772i	-1.7830+0.5985i	-3.2842-0.3916i	-2.1078+0.9153i	-1.8646+0.6906i	4.9375-4.0683i
49.5	-0.6391+1.1866i	65.1385-4.7714i	-3.1179+1.7577i	-1.7579+0.5053i	-2.5220-1.4571i	-2.1908+1.1099i	-1.8365+0.5969i	4.6614-2.8905i
49.6	-0.6333+1.2426i	65.1890-4.9172i	-3.1959+1.7081i	-1.8715+0.5261i	-3.2907-1.8597i	-2.1323+1.1520i	-1.9720+0.6235i	5.9899-2.9888i
49.7	-0.5828+1.2735i	66.4370-5.7492i	-3.3697+1.8768i	-2.0152+0.7280i	-4.0214-1.3313i	-2.1181+1.1602i	-2.1242+0.8470i	6.5544-4.2966i

49.8	-0.5404+1.3170i	66.9333-6.7926i	-3.3305+2.1112i	-1.7676+0.9443i	-2.9999-0.8354i	-2.2409+1.1599i	-1.8738+1.0854i	5.3701-4.9966i
49.9	-0.5935+1.3525i	67.0893-7.8005i	-3.2582+2.1854i	-1.6745+0.6137i	-2.4871-2.3024i	-2.3521+1.4174i	-1.7732+0.7728i	4.8963-3.8307i
50.0	-0.5678+1.5033i	67.6292-8.1695i	-3.4064+2.2077i	-2.1175+0.5555i	-3.7565-2.9666i	-2.2191+1.5598i	-2.2217+0.7191i	6.1783-3.5685i
50.1	-0.4575+1.5580i	68.4755-9.2322i	-3.4943+2.5002i	-2.3171+0.9855i	-4.5945-1.9200i	-2.0921+1.5764i	-2.4199+1.1615i	6.6628-4.9571i
50.2	-0.3101+1.5031i	68.7878-10.6111i	-3.3102+2.8491i	-2.0635+1.3077i	-3.8224-1.4933i	-2.1504+1.6145i	-2.1505+1.4918i	5.5101-5.4762i
50.3	-0.3793+1.4168i	68.3108-11.3175i	-3.0573+2.8741i	-1.8111+1.0369i	-3.3490-2.8567i	-2.1738+1.9039i	-1.8881+1.2215i	5.3342-4.1273i
50.4	-0.4345+1.5826i	68.3610-11.5236i	-3.0964+2.7661i	-2.2733+0.7715i	-4.7025-3.9888i	-1.8949+2.0969i	-2.3546+0.9552i	7.2730-3.5833i
50.5	-0.2769+1.6829i	69.4786-12.2827i	-3.2772+3.0067i	-2.7221+1.3407i	-6.0097-3.3442i	-1.7361+2.0160i	-2.8101+1.5476i	8.6100-5.6107i
50.6	-0.2466+1.6980i	69.9330-13.8009i	-3.2025+3.2289i	-2.4492+1.7246i	-5.8561-3.2177i	-1.7928+2.0589i	-2.5326+1.9582i	7.7708-6.7299i
50.7	-0.2520+1.8649i	70.0789-14.7454i	-3.1579+3.3414i	-2.2469+1.5775i	-6.4817-3.8534i	-1.7810+2.2979i	-2.3263+1.8340i	7.9039-6.6550i
50.8	-0.1242+1.8878i	69.9116-15.2931i	-3.1437+3.4886i	-2.3837+1.6286i	-7.6528-3.1893i	-1.5634+2.3537i	-2.4469+1.8956i	8.6560-7.7212i
50.9	-0.1525+1.8983i	69.8078-16.7590i	-3.0604+3.7140i	-2.3625+1.7237i	-7.7401-2.5597i	-1.4450+2.4029i	-2.4102+2.0072i	8.0268-8.8149i
51.0	-0.0322+2.0152i	69.3005-17.9643i	-2.8995+3.9330i	-2.5739+1.6114i	-8.7297-3.5214i	-1.3082+2.6621i	-2.5992+1.9112i	7.6078-8.2862i
51.1	0.0688+2.0794i	69.7619-18.2922i	-2.9807+4.1060i	-2.9589+1.9133i	-10.5513-2.2816i	-1.0528+2.6767i	-2.9781+2.2152i	8.8602-9.4477i
51.2	0.0674+2.1027i	69.2655-19.9051i	-2.6919+4.3414i	-2.8145+2.2655i	-9.9244-0.5350i	-0.8613+2.6261i	-2.8102+2.5635i	7.5593-10.6937i
51.3	0.2571+2.2367i	68.8762-20.6230i	-2.4073+4.5094i	-2.5728+2.3236i	-9.0042-0.8660i	-0.7860+2.7073i	-2.5478+2.6299i	6.4189-10.4509i
51.4	0.3893+2.3285i	68.2471-21.3660i	-2.1366+4.5449i	-2.4613+2.1977i	-8.5298-1.7354i	-0.6865+2.7887i	-2.4108+2.5083i	5.6582-9.8660i
51.5	0.7251+2.4461i	68.2398-21.6500i	-2.2070+4.5184i	-3.5323+2.4149i	-12.4127-2.0980i	-0.1331+2.8302i	-3.4811+2.7106i	8.7115-9.8785i
51.6	0.9389+2.3199i	68.2687-22.3774i	-2.1299+4.7371i	-3.6798+3.1630i	-13.6913-0.1542i	0.1023+2.6366i	-3.6206+3.4604i	9.2122-11.8336i
51.7	1.1312+2.1628i	67.5412-23.6099i	-1.6727+5.0049i	-2.7249+3.8204i	-12.4401+1.2669i	0.0047+2.5389i	-2.6450+4.1351i	6.8217-13.0067i
51.8	1.1767+2.1072i	67.4170-23.9227i	-1.4791+4.9640i	-2.5444+3.7155i	-12.8256+1.5920i	0.1489+2.6072i	-2.4608+4.0221i	7.2506-12.7522i
51.9	1.2750+2.0672i	67.1495-25.0149i	-1.3950+5.0041i	-2.6911+3.9150i	-13.7489+3.0985i	0.4359+2.4987i	-2.6029+4.2365i	7.8988-14.6215i
52.0	1.4062+2.2128i	66.4316-26.2270i	-1.2175+5.2937i	-2.4578+4.6230i	-12.6017+5.9152i	0.5638+2.2006i	-2.3260+4.9660i	5.5156-17.3584i
52.1	1.7612+2.0719i	65.3188-26.9551i	-0.8059+5.3890i	-1.9635+4.8029i	-11.4323+6.3005i	0.6091+2.0827i	-1.8090+5.1280i	3.6000-16.9323i
52.2	2.0183+1.7909i	63.7174-27.7098i	-0.3267+5.3704i	-1.2982+4.7885i	-9.8854+6.1654i	0.5529+2.0469i	-1.1361+5.1000i	2.0433-15.9390i
52.3	2.0650+1.4255i	62.7465-26.9168i	0.0535+4.9419i	-0.9301+4.0079i	-9.6007+4.0188i	0.5966+2.2474i	-0.7804+4.3080i	2.6778-13.6942i
52.4	1.9884+1.2702i	63.1172-26.5609i	-0.1043+4.7558i	-1.4556+3.9900i	-11.6690+4.7485i	0.9042+2.1750i	-1.3058+4.3070i	4.5673-15.4284i
52.5	1.8509+1.3013i	62.1872-28.2554i	0.0498+4.9474i	-1.1798+4.4705i	-10.3688+7.2782i	1.0472+1.9148i	-0.9813+4.8127i	1.5873-18.1360i
52.6	1.9472+1.4564i	60.2480-29.1507i	0.3570+4.8919i	-0.9244+4.3076i	-8.8934+6.5685i	1.0967+1.8338i	-0.6930+4.6416i	-0.6085-17.0152i
52.7	2.1209+1.5248i	59.4650-27.4730i	0.2740+4.5886i	-1.6704+4.2408i	-11.1321+5.7367i	1.4521+1.7849i	-1.4228+4.5442i	1.1035-15.7962i
52.8	2.4301+1.3032i	59.7287-27.6691i	0.2541+4.8552i	-1.6859+5.4344i	-11.8424+9.2212i	1.6326+1.2900i	-1.4368+5.7319i	1.2122-18.9447i
52.9	2.5720+1.0109i	58.9578-27.3464i	0.6073+4.9313i	-0.7720+5.7601i	-9.2840+10.2699i	1.3980+1.0184i	-0.5012+6.0544i	-1.7904-19.5148i
53.0	2.9639+0.7049i	57.9516-26.2866i	0.9877+4.8327i	-0.0825+5.7326i	-7.6126+9.6402i	1.3141+0.8285i	0.2098+6.0044i	-3.9459-18.1025i
53.1	2.8911+0.0879i	57.0240-25.6423i	1.4172+4.5378i	0.7539+5.3680i	-6.2972+8.5912i	1.0742+0.7743i	1.0460+5.6134i	-5.5180-16.3390i
53.2	2.5429-0.2241i	56.5756-24.8919i	1.5917+4.1269i	1.2034+4.7693i	-5.8384+7.1515i	0.8673+0.8648i	1.5008+5.0026i	-5.8969-14.2882i
53.3	2.1059-0.2605i	56.4123-23.8694i	1.4416+3.7627i	0.9781+4.1826i	-7.1634+6.7171i	1.0092+1.0029i	1.2835+4.4099i	-4.6543-13.3873i
53.4	1.8346+0.3640i	57.0554-22.7154i	1.0683+3.7858i	0.1714+4.1688i	-7.7250+9.1448i	1.5222+0.8749i	0.4971+4.3791i	-4.4231-14.8513i
53.5	2.2054+0.2844i	57.4352-22.4036i	1.1926+3.8221i	0.3340+4.2685i	-6.7358+8.4502i	1.4618+0.6472i	0.6587+4.4620i	-5.2249-13.8647i
53.6	2.1677-0.3113i	58.7652-21.4875i	1.1967+3.5173i	0.0404+3.9503i	-8.4244+6.3676i	1.4392+0.7059i	0.3553+4.1321i	-3.3953-12.0515i
53.7	2.1586-0.4955i	60.0796-21.2114i	1.0940+3.5365i	-0.0488+4.2160i	-10.2419+6.7387i	1.4956+0.6873i	0.2717+4.4066i	-2.2647-12.7708i
53.8	2.0694-0.4626i	61.2883-21.4539i	0.9692+3.7592i	-0.3289+4.8083i	-11.4619+10.2638i	1.7610+0.3331i	0.0028+4.9804i	-1.5246-15.0779i
53.9	2.3445-0.6812i	61.4971-22.4287i	1.1803+4.0181i	0.1046+5.6499i	-9.5978+13.5011i	1.6637-0.1990i	0.4276+5.7933i	-2.8841-17.1132i
54.0	2.2555-1.0254i	61.4325-22.9651i	1.3825+3.9503i	0.6676+5.6877i	-7.5909+13.6479i	1.4199-0.3571i	0.9848+5.8289i	-4.5452-17.2459i
54.1	1.9603-1.2679i	60.9160-22.0993i	1.5878+3.6408i	1.1747+5.1295i	-6.4630+11.8864i	1.2112-0.2300i	1.4859+5.2595i	-5.2733-15.1416i
54.2	1.7513-1.6325i	63.1648-22.0611i	1.3622+3.7550i	0.7250+5.4785i	-8.4403+13.9546i	1.4114-0.4456i	1.0338+5.6270i	-3.5550-17.7071i
54.3	1.4321-1.8447i	62.8151-23.1076i	1.6565+3.9344i	1.4548+6.0172i	-5.6112+16.2528i	1.0906-0.7800i	1.7736+6.1588i	-6.7619-19.5059i
54.4	0.9285-1.8014i	62.1479-23.0834i	2.0447+3.7423i	2.3228+5.7045i	-2.5239+15.5325i	0.7627-0.7417i	2.6517+5.8344i	-9.7508-18.1556i
54.5	0.4697-1.7995i	62.5058-22.1631i	2.2134+3.4884i	2.7822+5.1800i	-1.0757+13.9495i	0.5427-0.5519i	3.1158+5.3016i	-11.0159-16.4489i
54.6	0.0552-1.8852i	62.9165-20.9693i	2.2223+3.0408i	2.8959+4.2203i	-1.1544+11.2287i	0.4889-0.1844i	3.2195+4.3393i	-10.5490-13.6285i
54.7	-0.1985-1.6214i	64.6949-20.7037i	1.8096+2.8038i	2.0085+3.7254i	-4.3438+10.4342i	0.9114-0.0536i	2.3380+3.8438i	-7.7231-13.0206i
54.8	-0.2518-1.3764i	65.3133-21.4570i	1.6902+3.1434i	1.7167+4.5381i	-4.3614+13.8649i	1.0661-0.5450i	2.0680+4.6404i	-8.2913-15.6515i
54.9	-0.3335-1.2266i	65.2536-22.0409i	2.0003+3.2596i	2.4637+4.8973i	-0.4730+14.8785i	0.7134-0.8441i	2.8135+4.9860i	-11.4686-16.0070i
55.0	-0.6120-0.9966i	65.9073-21.3565i	2.1236+3.0968i	2.7375+4.5922i	0.8320+13.6231i	0.5884-0.7839i	3.0821+4.6776i	-12.2977-14.6706i
55.1	-0.7239-0.7251i	67.1726-20.9097i	2.1230+2.9615i	2.7332+4.4433i	0.9898+12.4400i	0.5603-0.7912i	3.0793+4.5281i	-12.3281-14.1319i
55.2	-0.6367-0.6686i	68.0011-21.0877i	2.1832+2.9223i	3.0449+4.3744i	1.2988+11.6436i	0.3870-0.8195i	3.3997+4.4533i	-13.7242-13.4743i
55.3	-0.6844-0.5686i	68.8524-20.7489i	2.2250+2.6977i	3.1005+3.8054i	1.2640+10.1418i	0.3161-0.6627i	3.4603+3.8793i	-13.7085-11.4956i
55.4	-0.7535-0.4532i	70.2431-20.9064i	2.0869+2.5622i	2.7399+3.4828i	0.0141+9.4243i	0.3871-0.5497i	3.0996+3.5482i	-12.4572-10.3915i
55.5	-0.8048-0.3607i	71.6433-21.7951i	2.0047+2.7367i	2.5940+4.1500i	-0.4236+11.7574i	0.4556-0.7979i	2.9513+4.2086i	-11.9178-12.1097i
55.6	-0.9565-0.0934i	71.9385-22.7406i	2.2378+2.6835i	3.2301+4.1153i	1.7019+11.7225i	0.2405-0.9131i	3.5796+4.1635i	-13.6062-11.7816i
55.7	-1.1313+0.1100i	72.7732-22.8083i	2.3205+2.4748i	3.4890+3.6128i	2.5968+10.3274i	0.1259-0.7817i	3.8447+3.6602i	-14.4324-10.3886i
55.8	-1.2989+0.4498i	74.0491-23.2451i	2.3015+2.3609i	3.4096+3.2614i	2.5447+9.4112i	0.1456-0.6566i	3.7713+3.3120i	-14.4646-9.3811i
55.9	-1.4154+0.8087i	75.7904-23.7643i	2.1996+2.2529i	3.1100+2.9690i	1.6577+8.7267i	0.2593-0.5887i	3.4757+3.0118i	-13.7427-8.4224i
56.0	-1.1171+1.5128i	78.5008-23.3223i	1.7225+2.2861i	1.7962+3.2281i	-1.5252+9.1492i	0.7373-0.7100i	2.1709+3.2586i	-10.8247-8.7111i

56.1	-0.7139+1.3882i	79.2653-25.6932i	2.0370+2.6666i	2.6728+4.4073i	0.6762+12.0841i	0.4352-1.2042i	3.0373+4.4274i	-12.7400-11.3418i
56.2	-0.6113+1.2085i	79.0434-26.2038i	2.2977+2.4892i	3.4640+3.9699i	2.6579+10.8488i	0.0910-1.1250i	3.8363+3.9864i	-14.5464-9.9334i
56.3	-0.5610+1.7252i	80.2614-26.7527i	2.2966+2.3493i	3.3928+3.5431i	2.8059+9.5699i	0.1318-1.0408i	3.7793+3.5603i	-14.8333-8.4859i
56.4	-0.5215+1.8355i	81.2756-27.7624i	2.2972+2.2943i	3.3433+3.4080i	2.6543+9.0710i	0.1393-1.0226i	3.7341+3.4200i	-14.7862-7.8991i
56.5	-0.4192+1.8598i	82.2586-28.9448i	2.3652+2.1808i	3.4255+3.2049i	2.6213+8.5920i	0.0978-1.0449i	3.8182+3.1966i	-14.7325-7.1195i
56.6	-0.1860+1.9143i	83.0597-30.2401i	2.3962+2.1204i	3.4427+3.1370i	2.6247+8.2940i	0.0581-1.0980i	3.8278+3.1184i	-14.6927-6.5613i
56.7	0.1828+2.1807i	83.8567-31.0938i	2.3371+1.9958i	3.2870+2.9504i	2.5274+7.6167i	0.0657-1.0953i	3.6679+2.9258i	-14.5211-5.9001i
56.8	0.3087+2.3868i	85.4195-32.2265i	2.2945+2.0053i	3.1993+2.9433i	2.3643+7.3400i	0.0659-1.1239i	3.5883+2.9107i	-14.3610-5.4488i
56.9	0.5111+2.5135i	86.8623-33.6645i	2.2741+2.0265i	3.0635+3.0579i	1.7727+7.3826i	0.1027-1.2321i	3.4590+3.0041i	-13.8061-5.0354i
57.0	0.7175+2.6640i	87.8784-34.6873i	2.2251+1.9261i	2.9118+3.0067i	1.1935+7.0665i	0.0957-1.3125i	3.3088+2.9492i	-13.2291-4.7221i
57.1	1.1614+2.9977i	89.0161-36.3756i	2.0051+1.9576i	2.3610+3.2237i	-0.7133+7.5897i	0.2192-1.3971i	2.7698+3.1538i	-12.0413-4.9836i
57.2	1.8764+2.8593i	89.3170-38.7924i	2.1209+2.3014i	2.5753+4.2259i	-0.1212+10.5156i	0.1366-1.7697i	2.9715+4.1288i	-12.3466-6.7333i
57.3	2.1895+2.5353i	90.3453-40.4130i	2.4850+2.3068i	3.5202+4.4544i	2.4771+10.9364i	-0.2446-1.9537i	3.8946+4.3555i	-14.0604-6.9384i
57.4	2.1662+2.3920i	90.7910-41.4356i	2.6275+2.1691i	3.8690+4.1868i	3.0746+10.0408i	-0.4020-1.8875i	4.2462+4.0896i	-14.6138-6.2334i
57.5	2.2706+2.1213i	91.1069-42.7329i	2.6627+2.0255i	4.1281+4.0555i	3.4395+9.3893i	-0.6169-1.9176i	4.4966+3.9454i	-14.6661-5.5767i
57.6	2.5851+2.1066i	91.5897-44.1846i	2.6982+1.9178i	4.2221+3.8666i	3.5605+8.9174i	-0.6973-1.8473i	4.5887+3.7535i	-14.6944-5.0200i
57.7	2.8592+1.9028i	93.1575-45.8763i	2.7036+1.8536i	4.3499+3.8069i	3.5810+8.6840i	-0.8274-1.8377i	4.7154+3.6848i	-14.8087-4.6237i
57.8	2.9560+1.6843i	94.0435-47.0829i	2.7358+1.7863i	4.5565+3.7315i	3.7047+8.4886i	-0.9748-1.8202i	4.9152+3.6096i	-14.7964-4.4246i
57.9	3.1533+1.5746i	95.3942-49.0039i	2.7602+1.7225i	4.6330+3.6438i	3.8202+8.2912i	-1.0086-1.7729i	4.9891+3.5135i	-14.9778-4.0405i
58.0	3.3597+1.4915i	96.4817-50.2617i	2.6742+1.6767i	4.6242+3.6146i	3.6659+8.1633i	-1.0685-1.7931i	4.9752+3.4712i	-14.7357-3.6422i
58.1	3.6781+1.1347i	97.3106-52.3702i	2.6861+1.6323i	4.7771+3.5635i	3.6572+7.8239i	-1.1848-1.7905i	5.1386+3.4242i	-14.7808-3.3118i
58.2	3.4253+0.7978i	98.3302-55.0404i	2.7369+1.5164i	5.0228+3.3575i	3.6696+7.7207i	-1.3136-1.7323i	5.3790+3.2143i	-14.7764-3.0730i
58.3	3.2169+0.9481i	98.5838-57.4636i	2.6880+1.3814i	5.0088+3.0393i	3.6117+7.5923i	-1.3517-1.6179i	5.3632+2.8935i	-14.6383-2.7923i
58.4	3.7583+1.0935i	99.9981-59.7509i	2.5699+1.3910i	4.7458+3.0872i	3.1686+7.6623i	-1.2873-1.6303i	5.0949+2.9406i	-13.9785-2.8321i
58.5	4.2670+0.7987i	102.1175-61.7978i	2.5307+1.5784i	4.7501+3.6073i	3.1331+8.6527i	-1.3091-1.8449i	5.1030+3.4640i	-14.1813-4.0025i
58.6	4.4065+0.3948i	103.5950-64.2778i	2.6463+1.6682i	5.2135+3.7523i	4.1595+8.5602i	-1.5246-1.8829i	5.5818+3.5929i	-15.5788-3.5136i
58.7	4.5627+0.0746i	104.7824-67.0146i	2.6807+1.6841i	5.3746+3.7140i	4.3274+8.1306i	-1.6253-1.8395i	5.7555+3.5393i	-15.9220-2.6692i
58.8	4.5859-0.3206i	105.8277-70.3611i	2.7642+1.6643i	5.6513+3.6531i	4.4127+7.9281i	-1.7610-1.8222i	6.0295+3.4699i	-16.0039-2.1843i
58.9	4.3284-0.7904i	104.0850-73.6628i	2.7957+1.5294i	5.8573+3.2759i	4.4794+7.2768i	-1.9270-1.6758i	6.2376+3.0976i	-15.9599-1.6317i
59.0	4.5126-1.2520i	104.9869-76.6766i	2.8489+1.5386i	6.0280+3.2979i	4.5565+7.1067i	-2.0106-1.6702i	6.4079+3.1126i	-16.0486-1.3133i
59.1	4.4849-1.5235i	107.9295-80.7613i	2.9853+1.6567i	6.4039+3.5668i	4.5726+7.5163i	-2.1447-1.7786i	6.7933+3.3640i	-16.4263-1.2645i
59.2	4.1949-1.9596i	107.2863-86.3842i	3.1422+1.5701i	6.8645+3.4028i	4.8649+7.3999i	-2.3679-1.7527i	7.2389+3.1829i	-16.5197-0.6935i
59.3	4.0074-2.2270i	104.9324-91.5280i	3.2355+1.4615i	7.1017+3.1628i	5.0189+7.1914i	-2.4900-1.6740i	7.4739+2.9341i	-16.6692-0.1195i
59.4	3.8821-2.4500i	104.4017-97.4366i	3.3509+1.4088i	7.4817+3.0102i	5.2438+7.1716i	-2.6889-1.6427i	7.8485+2.7676i	-16.8007+0.3475i
59.5	3.9630-2.6649i	105.8192-101.4114i	3.4806+1.4291i	7.8102+3.1304i	5.4311+7.4304i	-2.8009-1.7324i	8.1811+2.8757i	-16.9894+0.4476i
59.6	3.6789-2.9963i	102.8115-105.6192i	3.5693+1.2903i	8.1144+2.8109i	5.5998+7.2151i	-2.9904-1.6109i	8.4848+2.5436i	-17.0565+0.9575i
59.7	3.2790-3.3133i	99.0207-110.8150i	3.7128+1.1003i	8.5574+2.3595i	6.0533+6.8921i	-3.2236-1.4404i	8.8974+2.0802i	-17.0631+1.6899i
59.8	3.0878-3.6237i	100.1948-117.1102i	3.8858+1.0503i	9.0333+2.2149i	6.2481+6.9454i	-3.4232-1.3925i	9.3747+1.9191i	-17.4614+2.0102i
59.9	2.6793-3.7492i	94.2002-118.8813i	3.9037+0.8664i	9.1317+1.6888i	6.2528+6.4077i	-3.5639-1.1501i	9.4678+1.3797i	-17.2369+2.7125i
60.0	2.4620-4.0321i	91.3289-124.7024i	4.0134+0.7056i	9.5208+1.3183i	6.6790+6.2130i	-3.7645-1.0215i	9.8462+1.0036i	-17.3006+3.2663i
60.1	2.2208-4.2505i	89.4077-130.8379i	4.1365+0.5630i	9.8649+0.9842i	6.7944+6.0745i	-3.8861-0.9235i	10.1924+0.6511i	-17.3967+3.9871i
60.2	1.6729-4.3027i	83.4092-130.1019i	4.0608+0.3777i	9.7696+0.4610i	6.4580+5.6509i	-3.9312-0.6775i	10.0852+0.1180i	-16.8834+4.6131i
60.3	1.3027-4.4384i	79.1794-133.9548i	4.1412+0.2183i	10.1178+0.1035i	6.8115+5.5640i	-4.1258-0.5547i	10.4157-0.2456i	-16.6821+5.0601i
60.4	0.9494-4.4209i	76.4297-138.1745i	4.1929+0.0125i	10.4172-0.3922i	7.0393+5.3767i	-4.2925-0.3727i	10.7070-0.7430i	-16.6570+5.5070i
60.5	0.4763-4.2239i	71.6398-140.2916i	4.1687-0.2521i	10.4698-1.0830i	7.0310+4.9071i	-4.3928-0.0708i	10.7467-1.4409i	-16.4164+6.0507i
60.6	0.1234-4.0323i	65.6235-143.1414i	4.1668-0.4642i	10.5510-1.7638i	7.1328+4.5622i	-4.5021+0.2644i	10.8041-2.1257i	-16.1185+6.6530i
60.7	0.1046-3.8283i	62.5903-144.9517i	4.0625-0.6428i	10.3829-2.2700i	6.9100+4.3165i	-4.4745+0.4872i	10.6319-2.6292i	-15.7429+7.0478i
60.8	-0.0223-3.8859i	58.4493-147.7231i	3.9653-0.8183i	10.3080-2.8021i	6.8032+4.0028i	-4.5079+0.7683i	10.5582-3.1629i	-15.4732+7.5424i
60.9	-0.1853-3.8882i	52.3895-150.6922i	3.8642-0.9936i	10.0606-3.4417i	6.6845+3.6468i	-4.4509+1.1128i	10.3019-3.8058i	-15.2471+8.1374i
61.0	-0.3660-3.8926i	46.4329-150.9552i	3.7595-1.0488i	9.8178-3.6963i	6.5855+3.6950i	-4.3319+1.2622i	10.0464-4.0752i	-14.7570+8.4976i
61.1	-0.7555-3.8859i	42.8962-154.8792i	3.7521-1.2360i	9.9293-4.2866i	6.6594+3.4422i	-4.4131+1.5142i	10.1580-4.6692i	-14.7758+8.9635i
61.2	-1.2225-3.7459i	36.7726-157.8822i	3.7333-1.4479i	9.9894-5.0395i	6.8722+3.2103i	-4.4372+1.8749i	10.2031-5.4213i	-14.5808+9.5932i
61.3	-1.4439-3.5562i	30.3984-157.0200i	3.5955-1.5477i	9.7188-5.4392i	6.8152+3.0351i	-4.3238+2.0985i	9.9139-5.8224i	-13.9607+10.0605i
61.4	-1.7245-3.2440i	23.6980-157.3787i	3.5121-1.7079i	9.4240-5.9522i	6.7679+2.8057i	-4.2272+2.3419i	9.6129-6.3404i	-13.5656+10.5317i
61.5	-1.9274-2.9647i	16.7931-157.6879i	3.3888-1.8829i	9.1429-6.5987i	6.7829+2.4826i	-4.1410+2.6282i	9.3168-6.9902i	-13.0747+10.9383i
61.6	-2.1134-2.6567i	7.9041-157.4834i	3.1784-2.0855i	8.6794-7.3669i	6.6373+2.1136i	-3.9437+2.9842i	8.8426-7.7635i	-12.4588+11.5737i
61.7	-2.1790-2.4800i	2.2768-156.2280i	3.0485-2.1947i	8.2683-7.7703i	6.5109+1.9691i	-3.7589+3.1756i	8.4255-8.1799i	-11.9462+12.0239i
61.8	-2.2421-2.1660i	-3.6886-153.2692i	2.8841-2.2731i	7.6971-8.1449i	6.2789+1.7838i	-3.5165+3.3879i	7.8450-8.5552i	-11.2692+12.3830i
61.9	-2.3197-1.8639i	-10.1929-148.5041i	2.6635-2.3563i	7.0756-8.4994i	6.0756+1.6728i	-3.2417+3.5681i	7.2081-8.9113i	-10.4817+12.6809i
62.0	-2.2136-1.6196i	-15.5499-146.6013i	2.4746-2.4331i	6.4797-8.7488i	5.6947+1.4927i	-2.9838+3.7213i	6.6173-9.1604i	-10.0120+12.9813i
62.1	-2.3590-1.3315i	-21.1481-144.9855i	2.2990-2.5478i	6.0741-9.2551i	5.6880+1.4920i	-2.8422+3.9114i	6.1971-9.6696i	-9.3736+13.1560i
62.2	-2.2819-1.1353i	-24.7770-139.3823i	2.0974-2.5321i	5.3676-9.2569i	5.4006+1.4313i	-2.5351+3.9223i	5.4778-9.6711i	-8.5839+13.0166i
62.3	-2.1810-0.9524i	-28.6091-134.8404i	1.9056-2.5026i	4.7527-9.3243i	5.1157+1.3973i	-2.2582+3.9711i	4.8512-9.7402i	-7.8988+12.9875i

62.4	-2.1418-0.7009i	-33.8458-131.5412i	1.7083-2.5232i	4.1623-9.5339i	5.0861+1.4039i	-2.0112+4.0766i	4.2477-9.9534i	-7.2206+13.0668i
62.5	-2.0645-0.4900i	-36.3999-128.2937i	1.5482-2.4980i	3.6279-9.6133i	5.0799+1.4322i	-1.7899+4.1214i	3.7032-10.0386i	-6.7165+13.0762i
62.6	-1.9856-0.3809i	-38.3431-124.2433i	1.4261-2.4913i	3.2560-9.6333i	5.0078+1.4678i	-1.6408+4.0968i	3.3218-10.0556i	-6.2957+12.9071i
62.7	-1.8025-0.2702i	-39.6551-116.0549i	1.2272-2.3317i	2.5867-9.2679i	4.8452+1.6015i	-1.3507+3.9438i	2.6367-9.6792i	-5.4946+12.3093i
62.8	-1.7076-0.1819i	-41.2104-113.3241i	1.0981-2.2708i	2.0675-9.2370i	4.6686+1.6174i	-1.1355+3.9701i	2.1115-9.6467i	-5.1400+12.3492i
62.9	-1.5700-0.0800i	-42.6554-109.1878i	0.9557-2.1997i	1.5497-9.0843i	4.4871+1.5131i	-0.9348+3.9690i	1.5886-9.4971i	-4.7722+12.3477i
63.0	-1.4681+0.0428i	-44.7701-105.4690i	0.8328-2.1222i	1.0705-9.0620i	4.5004+1.5787i	-0.7398+3.9423i	1.0995-9.4698i	-4.2830+12.1094i
63.1	-1.4007+0.1165i	-47.7251-101.2979i	0.7048-2.0284i	0.5608-8.9965i	4.4108+1.6823i	-0.5160+3.8980i	0.5777-9.4034i	-3.7814+11.9100i
63.2	-1.3090+0.1409i	-47.1450-97.4018i	0.6381-1.9517i	0.2380-8.7662i	4.4034+1.7037i	-0.3847+3.8195i	0.2433-9.1659i	-3.4393+11.6468i
63.3	-1.2376+0.2105i	-47.3990-93.2004i	0.5748-1.8808i	-0.1540-8.5659i	4.5466+1.8371i	-0.2177+3.7435i	-0.1648-8.9627i	-2.9942+11.4099i
63.4	-1.0857+0.2636i	-46.7196-88.6967i	0.4862-1.7766i	-0.6028-8.1900i	4.4125+1.8329i	-0.0329+3.6345i	-0.6187-8.5833i	-2.5871+11.2187i
63.5	-1.1081+0.3024i	-48.3308-86.4614i	0.3954-1.7239i	-0.9938-8.2021i	4.5337+1.7519i	0.0811+3.6026i	-1.0191-8.5824i	-2.3962+10.9192i
63.6	-1.1151+0.3190i	-49.0556-84.2356i	0.3423-1.6506i	-1.4969-8.0562i	4.7236+1.5873i	0.2395+3.5100i	-1.5295-8.4288i	-2.2223+10.6364i
63.7	-1.0103+0.3282i	-47.5742-80.2320i	0.3099-1.5367i	-1.8261-7.5691i	4.6877+1.7386i	0.3829+3.3803i	-1.8610-7.9466i	-1.9536+10.4924i
63.8	-0.9301+0.4020i	-47.4956-76.7065i	0.2546-1.4030i	-2.1751-7.1444i	4.6027+1.7262i	0.5417+3.2619i	-2.2199-7.5201i	-1.6058+10.3547i
63.9	-0.9270+0.4448i	-48.8409-73.7428i	0.2134-1.2978i	-2.5164-6.7786i	4.6634+1.7534i	0.6780+3.1491i	-2.5695-7.1569i	-1.3373+10.2074i
64.0	-0.8831+0.5240i	-47.6491-70.9739i	0.1847-1.2191i	-2.7352-6.3053i	4.6476+1.6306i	0.7606+3.0297i	-2.7872-6.6773i	-1.1889+10.1160i
64.1	-0.8389+0.5811i	-47.7678-68.5611i	0.1881-1.1362i	-2.8638-5.9644i	4.6766+1.6466i	0.8342+2.9137i	-2.9265-6.3394i	-0.9229+9.9282i
64.2	-0.7580+0.6985i	-46.9754-65.6804i	0.2222-0.9946i	-3.0351-5.4827i	4.7570+1.5489i	0.9016+2.7160i	-3.1119-5.8484i	-0.6904+9.4447i
64.3	-0.7032+0.7732i	-45.2872-63.3521i	0.2457-0.9764i	-2.9488-5.2163i	4.7997+1.3334i	0.8782+2.6670i	-3.0342-5.5660i	-0.6032+9.2730i
64.4	-0.5347+0.8128i	-43.9420-61.5592i	0.2146-0.9362i	-3.0006-5.0320i	4.7252+1.2064i	0.9139+2.6500i	-3.0799-5.3707i	-0.5705+9.1720i
64.5	-0.3846+0.9404i	-43.7192-58.8219i	0.2508-0.8526i	-3.0558-4.5951i	4.6041+1.1590i	0.9878+2.5118i	-3.1419-4.9368i	-0.2862+9.0280i
64.6	-0.2612+0.9198i	-42.5762-56.3775i	0.2739-0.7840i	-2.9886-4.2157i	4.5303+1.1727i	1.0431+2.3777i	-3.0804-4.5587i	-0.0050+8.8195i
64.7	-0.1546+0.8898i	-41.5159-54.5223i	0.3062-0.7274i	-2.9376-3.9350i	4.5567+1.1993i	1.0509+2.2736i	-3.0372-4.2775i	0.1317+8.6386i
64.8	-0.0854+0.8578i	-40.6667-52.8629i	0.3352-0.6882i	-2.9047-3.6815i	4.5371+1.1580i	1.0574+2.1550i	-3.0114-4.0191i	0.2611+8.3579i
64.9	0.0473+0.8051i	-39.9929-51.1974i	0.3341-0.6647i	-2.9152-3.5149i	4.5738+1.0793i	1.0809+2.0674i	-3.0367-3.8426i	0.5065+8.0208i
65.0	0.0936+0.7747i	-40.5132-49.0467i	0.3476-0.6222i	-2.8763-3.3334i	4.5699+1.0843i	1.1331+2.0317i	-3.0116-3.6576i	0.7437+7.9274i
65.1	0.1788+0.8052i	-41.2136-47.0099i	0.3645-0.5336i	-2.9900-2.9239i	4.4513+1.1399i	1.1804+1.8970i	-3.1361-3.2470i	0.9682+7.8017i
65.2	0.2781+0.7532i	-39.8387-45.4934i	0.3640-0.5203i	-2.9669-2.7864i	4.4691+1.1317i	1.2050+1.8515i	-3.1252-3.1056i	1.0635+7.6597i
65.3	0.3267+0.6745i	-38.0916-43.1468i	0.3991-0.4929i	-2.8010-2.5334i	4.4592+0.9826i	1.1966+1.7376i	-2.9648-2.8319i	1.2376+7.2626i
65.4	0.3616+0.6191i	-36.2698-42.2267i	0.4392-0.4487i	-2.6639-2.3677i	4.4734+1.0654i	1.1915+1.6492i	-2.8282-2.6583i	1.2831+7.0582i
65.5	0.4122+0.5636i	-35.3639-40.2894i	0.4644-0.4003i	-2.5000-2.1993i	4.4284+1.0875i	1.1807+1.5920i	-2.6717-2.4849i	1.4423+6.8804i
65.6	0.4856+0.4904i	-34.2190-40.3011i	0.4539-0.3525i	-2.4360-2.0264i	4.2441+1.1002i	1.1953+1.5675i	-2.5960-2.3172i	1.4560+6.9322i
65.7	0.5532+0.4717i	-34.2664-39.0579i	0.4867-0.3082i	-2.3722-1.8773i	4.2655+1.1963i	1.2353+1.5178i	-2.5429-2.1627i	1.6691+6.8057i
65.8	0.5393+0.4087i	-32.5201-37.4950i	0.5247-0.3113i	-2.1779-1.9110i	4.2962+1.0606i	1.1777+1.4692i	-2.3574-2.1747i	1.6697+6.3940i
65.9	0.5352+0.4330i	-32.6095-36.0541i	0.5929-0.2620i	-2.0529-1.7760i	4.4140+1.1313i	1.1771+1.3867i	-2.2451-2.0363i	1.8777+6.1839i
66.0	0.5360+0.4317i	-32.3157-35.1861i	0.6545-0.2412i	-1.9505-1.7453i	4.5098+1.2152i	1.2004+1.3260i	-2.1495-1.9974i	2.0655+5.9669i
66.1	0.5607+0.3909i	-29.5129-33.1112i	0.6610-0.2431i	-1.8936-1.7282i	4.4844+1.0771i	1.1782+1.2396i	-2.0907-1.9649i	1.9579+5.5807i
66.2	0.5796+0.3737i	-28.7700-32.2887i	0.6964-0.1980i	-1.8735-1.6116i	4.4030+1.1485i	1.1727+1.1846i	-2.0691-1.8388i	1.9098+5.4692i
66.3	0.5605+0.3112i	-27.1681-32.3786i	0.7327-0.1777i	-1.8646-1.5980i	4.3822+1.1792i	1.2282+1.1381i	-2.0594-1.8202i	1.9915+5.4307i
66.4	0.5903+0.2725i	-26.0041-31.0781i	0.7533-0.2189i	-1.8461-1.6000i	4.4637+1.0570i	1.2531+1.0790i	-2.0408-1.8140i	2.0610+5.2321i
66.5	0.6031+0.2844i	-25.0435-30.2459i	0.8213-0.1931i	-1.7579-1.5162i	4.4828+1.1233i	1.2114+0.9945i	-1.9495-1.7260i	2.0697+4.9308i
66.6	0.6012+0.3009i	-23.9948-29.1138i	0.8838-0.1966i	-1.6467-1.4723i	4.5708+1.1010i	1.1586+0.8914i	-1.8487-1.6714i	2.1066+4.5789i
66.7	0.5498+0.2444i	-21.1277-27.8667i	0.8630-0.2105i	-1.6178-1.4248i	4.4464+1.0616i	1.1921+0.8630i	-1.8177-1.6219i	2.2186+4.6277i
66.8	0.5278+0.2371i	-20.1445-27.3670i	0.9005-0.1884i	-1.5484-1.3865i	4.5261+1.2205i	1.2038+0.8100i	-1.7544-1.5875i	2.3722+4.6117i
66.9	0.6022+0.2911i	-20.7742-27.3345i	1.0110-0.1847i	-1.5283-1.2669i	4.8115+1.2416i	1.1548+0.7030i	-1.7447-1.4610i	2.4547+4.3065i
67.0	0.6703+0.2763i	-18.6915-26.3875i	1.0187-0.1951i	-1.5421-1.1198i	4.7427+1.0958i	1.1064+0.6353i	-1.7575-1.2984i	2.3984+4.0007i
67.1	0.6321+0.2902i	-17.1284-24.5993i	1.0498-0.1875i	-1.4146-1.0649i	4.7720+1.0294i	1.0690+0.6152i	-1.6297-1.2349i	2.4364+3.7912i
67.2	0.7466+0.2620i	-15.0397-23.2450i	1.1127-0.2372i	-1.3186-1.0643i	4.8747+0.8850i	0.9909+0.5621i	-1.5311-1.2122i	2.3945+3.4403i
67.3	0.7451+0.1726i	-14.5597-24.8368i	1.1103-0.1751i	-1.3814-0.8764i	4.8074+1.1014i	1.0090+0.5543i	-1.5962-1.0396i	2.4410+3.6410i
67.4	0.8171+0.2266i	-14.3877-25.0268i	1.2400-0.1903i	-1.2661-0.9118i	5.1172+1.1769i	0.9728+0.4986i	-1.4885-1.0748i	2.4646+3.4511i
67.5	0.9059+0.3651i	-12.8102-23.4563i	1.3495-0.2484i	-1.1283-0.9780i	5.4373+1.0057i	0.9066+0.4308i	-1.3594-1.1179i	2.4989+2.8934i
67.6	0.9324+0.4088i	-11.0656-22.8591i	1.3263-0.2440i	-1.2212-0.9697i	5.4386+0.9707i	0.9292+0.4023i	-1.4528-1.0967i	2.5683+2.7250i
67.7	1.0045+0.3257i	-9.9734-22.0430i	1.3949-0.2975i	-1.0717-0.8984i	5.4919+0.9135i	0.8412+0.3559i	-1.3003-1.0130i	2.3834+2.4169i
67.8	1.0617+0.3170i	-8.0051-21.2564i	1.4564-0.3350i	-1.0356-0.9430i	5.6660+0.8358i	0.8170+0.3253i	-1.2710-1.0530i	2.4208+2.2424i
67.9	1.0497+0.3616i	-7.1434-21.0882i	1.5532-0.3171i	-0.8855-1.0245i	5.9572+1.0195i	0.8885+0.2985i	-1.1355-1.1362i	2.7102+2.1137i
68.0	1.1048+0.3130i	-5.2591-20.5137i	1.5413-0.3235i	-0.8642-0.9379i	5.9000+0.8798i	0.8912+0.2707i	-1.1042-1.0328i	2.6983+1.8723i
68.1	1.2813+0.3009i	-4.2673-21.3177i	1.6079-0.3721i	-0.9058-0.9741i	6.1050+0.7804i	0.8127+0.2323i	-1.1463-1.0658i	2.4977+1.6422i
68.2	1.3936+0.2707i	-2.3435-21.4900i	1.7527-0.4704i	-0.8406-1.1239i	6.5012+0.6387i	0.7593+0.1723i	-1.0892-1.1992i	2.4445+1.2486i
68.3	1.4132+0.1892i	1.3851-21.9733i	1.7789-0.5057i	-0.8889-1.1040i	6.6493+0.5425i	0.7903+0.2160i	-1.1408-1.1751i	2.4388+1.2599i
68.4	1.5077+0.0860i	2.4463-22.3251i	1.8285-0.5394i	-0.9741-0.9503i	6.7784+0.4028i	0.7341+0.1940i	-1.2239-1.0134i	2.2194+1.1279i
68.5	1.6135-0.0179i	3.7217-23.9059i	1.9213-0.6649i	-1.0208-0.8858i	7.0096+0.0742i	0.6888+0.1444i	-1.2655-0.9346i	1.9440+0.8265i
68.6	1.7048-0.1418i	5.5878-22.4746i	1.9839-0.8105i	-0.9617-0.9062i	7.2648-0.3457i	0.6131+0.0856i	-1.2113-0.9303i	1.7924+0.3894i

68.7	1.7254-0.2477i	8.7403-24.6629i	2.0804-0.8646i	-0.9179-0.7597i	7.5720-0.4382i	0.6568+0.0683i	-1.1736-0.7890i	1.9103+0.4351i
68.8	1.6900-0.2996i	9.2260-25.9036i	2.0813-0.9807i	-0.9104-0.7677i	7.6916-0.8134i	0.7071+0.0153i	-1.1702-0.7781i	2.0523+0.2103i
68.9	1.7928-0.4410i	9.8276-28.1311i	2.1261-1.2103i	-0.7889-0.7438i	7.8733-1.3966i	0.5675-0.0197i	-1.0443-0.7268i	1.5796-0.1326i
69.0	1.8363-0.4288i	12.6777-30.4246i	2.1761-1.2386i	-0.8824-0.6741i	8.0550-1.5621i	0.6684-0.0411i	-1.1370-0.6522i	1.6851-0.0982i
69.1	1.9340-0.4292i	15.0955-31.7258i	2.2602-1.3179i	-0.9515-0.6873i	8.4168-1.9026i	0.7130-0.0702i	-1.2129-0.6521i	1.7611-0.1824i
69.2	2.0320-0.5972i	18.0382-35.0497i	2.3077-1.5290i	-0.9738-0.5985i	8.6427-2.6106i	0.7275-0.1600i	-1.2432-0.5436i	1.7196-0.3858i
69.3	2.0358-0.8588i	20.1126-37.2081i	2.2146-1.7097i	-0.9331-0.4142i	8.3038-3.3383i	0.6133-0.2372i	-1.1808-0.3306i	1.3837-0.6418i
69.4	2.0615-1.0718i	18.7526-40.0377i	2.1836-1.9272i	-0.8149-0.2629i	8.2072-4.0733i	0.5503-0.3475i	-1.0641-0.1493i	1.3852-1.0198i
69.5	2.0327-1.1674i	20.9565-42.9774i	2.1769-2.0577i	-0.6767-0.1900i	8.1831-4.5879i	0.5087-0.4196i	-0.9313-0.0559i	1.4001-1.3618i
69.6	2.0152-1.2976i	20.4090-46.7461i	2.1982-2.3133i	-0.5049-0.2261i	8.1436-5.3384i	0.4549-0.5522i	-0.7584-0.0618i	1.3623-1.8951i
69.7	1.9969-1.3997i	18.2783-51.8824i	1.9729-2.5431i	-0.5084-0.2012i	7.4222-6.1816i	0.2408-0.7645i	-0.7250-0.0027i	0.7320-2.6061i
69.8	1.9869-1.5768i	18.4526-58.9659i	1.8522-2.7621i	-0.4187-0.1155i	6.9770-6.9430i	0.1511-0.9343i	-0.6087+0.1111i	0.4448-3.0312i
69.9	2.0247-1.7651i	19.8237-61.1345i	1.8310-2.9199i	-0.1978-0.1069i	6.8567-7.3515i	-0.0037-0.8982i	-0.3734+0.1426i	0.1195-3.2113i
70.0	2.0858-1.9357i	18.5703-66.3022i	1.7795-3.1012i	-0.0944-0.0054i	6.5909-8.2108i	-0.1154-1.1026i	-0.2654+0.2858i	0.0496-3.8802i
70.1	1.9213-2.0916i	11.5202-71.6621i	1.5017-3.1789i	-0.0113-0.0484i	5.5453-8.5055i	-0.3286-1.0779i	-0.1371+0.2580i	-0.5815-3.9735i
70.2	1.7147-2.2965i	7.4681-73.9533i	1.2350-3.2880i	0.1269-0.1087i	4.5333-8.8733i	-0.5247-1.0339i	0.0471+0.2138i	-1.1720-4.1598i
70.3	1.5148-2.5597i	-0.6043-77.3985i	0.9512-3.4600i	0.3037-0.2154i	3.4118-9.3401i	-0.7993-0.9707i	0.2733+0.1279i	-1.9686-4.3871i
70.4	1.2521-2.7894i	-7.1816-77.4390i	0.6216-3.6346i	0.5012-0.4182i	2.3002-9.5765i	-1.0879-0.8148i	0.5212-0.0611i	-2.9729-4.4905i
70.5	0.9233-2.8975i	-16.6936-78.5328i	0.2906-3.7357i	0.5340-0.7197i	1.2220-9.5841i	-1.3037-0.6942i	0.6066-0.3547i	-3.7613-4.5793i
70.6	0.6142-2.8252i	-25.6975-72.6477i	-0.0836-3.6024i	0.4188-0.8384i	0.0789-9.1219i	-1.4812-0.5040i	0.5512-0.4873i	-4.6635-4.4014i
70.7	0.4554-2.8634i	-25.2734-72.0863i	-0.2884-3.5447i	0.4076-0.9001i	-0.5676-8.7136i	-1.5736-0.2514i	0.5885-0.5764i	-5.4154-3.9232i
70.8	0.2616-2.5891i	-27.7374-67.6621i	-0.4880-3.1800i	0.1326-0.8869i	-1.1207-7.5631i	-1.5333-0.0407i	0.3452-0.6186i	-5.9699-3.1515i
70.9	0.1218-2.4937i	-31.1068-64.1276i	-0.6613-3.0587i	0.0373-0.9560i	-1.5792-7.1220i	-1.5798+0.1034i	0.2841-0.7071i	-6.5785-2.9233i
71.0	0.0194-2.5434i	-38.3235-64.3855i	-0.7875-3.1144i	0.1211-0.9588i	-1.9322-7.2142i	-1.5529+0.1910i	0.3892-0.7060i	-6.9601-2.7655i
71.1	-0.0942-2.3751i	-40.1325-59.2426i	-0.8832-2.8614i	0.1833-0.8567i	-2.3561-6.4227i	-1.5228+0.3307i	0.4727-0.6467i	-7.3464-2.0353i
71.2	-0.1395-2.1552i	-41.8125-51.6818i	-0.9883-2.5532i	0.0269-0.7208i	-2.7910-5.5640i	-1.5558+0.3868i	0.3426-0.5543i	-7.8022-1.5424i
71.3	-0.1044-2.0458i	-44.0062-45.4810i	-0.9988-2.3812i	0.0521-0.6319i	-2.8472-4.9535i	-1.5649+0.3985i	0.3752-0.5103i	-7.8561-1.0970i
71.4	-0.1461-2.0929i	-40.7254-40.3706i	-1.0024-2.2996i	0.2407-0.6677i	-2.8393-4.5672i	-1.5759+0.6750i	0.5723-0.5800i	-8.2092-0.1235i
71.5	-0.1838-2.0503i	-42.4740-34.4917i	-0.9884-2.1930i	0.2934-0.7077i	-2.7699-4.0256i	-1.4970+0.8587i	0.6255-0.6592i	-8.1954+0.8166i
71.6	-0.1823-2.0019i	-39.3518-31.7609i	-0.9284-2.1002i	0.3112-0.8053i	-2.5245-3.5287i	-1.3728+0.9744i	0.6365-0.7989i	-7.8305+1.5598i
71.7	-0.1176-1.9801i	-38.6832-27.0819i	-0.9177-2.0747i	0.4153-0.7359i	-2.5458-3.3995i	-1.4925+0.9469i	0.7412-0.7279i	-8.0265+1.5109i
71.8	-0.1565-2.0126i	-37.6312-22.8140i	-0.9132-2.1011i	0.5949-0.8883i	-2.4672-3.1921i	-1.4203+1.1265i	0.9131-0.9119i	-7.8716+2.2202i
71.9	-0.1791-1.9828i	-35.3177-19.4050i	-0.9466-2.0039i	0.5256-0.8727i	-2.4744-2.8570i	-1.4181+1.1999i	0.8389-0.9231i	-7.8626+2.6161i
72.0	-0.2508-2.0562i	-32.2691-20.1072i	-1.0160-2.0414i	0.5980-1.0317i	-2.4126-2.8591i	-1.3545+1.3444i	0.9044-1.0876i	-7.7722+2.9948i
72.1	-0.5132-2.0879i	-31.1669-18.9303i	-1.2219-2.0756i	0.5027-1.4011i	-2.4859-2.7926i	-1.0361+1.5740i	0.8083-1.4835i	-7.1967+3.9620i
72.2	-0.5046-2.0872i	-30.0974-15.9218i	-1.2151-2.0536i	0.5542-1.4351i	-2.4980-2.6202i	-1.0556+1.5744i	0.8583-1.5229i	-7.1764+4.0053i
72.3	-0.4821-2.1111i	-27.7566-16.3006i	-1.1910-2.0478i	0.6088-1.4886i	-2.3618-2.5528i	-1.0501+1.5886i	0.9034-1.5721i	-7.0990+3.9462i
72.4	-0.5206-2.1760i	-26.5483-13.6976i	-1.2423-2.0354i	0.6179-1.5152i	-2.3283-2.4448i	-1.0302+1.6497i	0.9074-1.6188i	-7.0604+4.2492i
72.5	-0.6581-2.1295i	-25.7613-10.4596i	-1.3512-1.9854i	0.5047-1.6657i	-2.3843-2.2269i	-0.8803+1.7071i	0.7763-1.7875i	-6.5088+4.5951i
72.6	-0.7909-2.1098i	-26.0952-12.4132i	-1.4985-1.9630i	0.3656-1.8463i	-2.6468-2.1740i	-0.7873+1.7554i	0.6516-1.9820i	-6.4805+4.8475i
72.7	-0.9379-2.0948i	-23.7747-9.4737i	-1.6168-1.9000i	0.2328-2.0090i	-2.7867-2.2105i	-0.6916+1.8217i	0.5296-2.1483i	-6.4453+5.0518i
72.8	-1.0092-1.9961i	-21.4621-6.8308i	-1.6562-1.7681i	0.1046-1.9519i	-2.7723-1.9980i	-0.5900+1.7737i	0.3914-2.1038i	-6.0748+5.1564i
72.9	-1.1401-1.9254i	-17.4213-6.6682i	-1.7775-1.6991i	-0.0247-2.0741i	-2.9369-1.8298i	-0.4672+1.8030i	0.2636-2.2435i	-5.8147+5.4122i
73.0	-1.2451-1.9144i	-14.9471-5.8189i	-1.8434-1.6956i	-0.0700-2.2334i	-3.0278-1.8907i	-0.4133+1.8871i	0.2245-2.3936i	-5.8202+5.5572i
73.1	-1.2697-1.8865i	-12.6870-6.8694i	-1.8212-1.6399i	0.0122-2.2002i	-2.9500-1.8306i	-0.4094+1.8781i	0.2968-2.3593i	-5.6879+5.5235i
73.2	-1.2635-1.7819i	-13.0790-5.1304i	-1.8079-1.4950i	-0.0754-2.0314i	-2.8437-1.5813i	-0.3560+1.7973i	0.1945-2.2089i	-5.3712+5.5634i
73.3	-1.3203-1.6677i	-14.6953-1.6748i	-1.8752-1.3889i	-0.2295-2.0116i	-2.8668-1.2411i	-0.2464+1.7838i	0.0330-2.2187i	-5.0675+5.8211i
73.4	-1.3641-1.5619i	-14.3728+0.1080i	-1.9103-1.2460i	-0.3523-1.9255i	-3.0244-1.0222i	-0.2078+1.7554i	-0.0903-2.1444i	-4.9250+5.9713i
73.5	-1.4040-1.4738i	-9.2007-0.3532i	-1.9279-1.1873i	-0.4487-1.9457i	-3.1014-1.0503i	-0.1043+1.7319i	-0.1865-2.1636i	-4.6899+5.9511i
73.6	-1.3513-1.3658i	-6.8139-2.8161i	-1.8880-1.0875i	-0.3735-1.8550i	-3.0847-0.7820i	-0.0675+1.6871i	-0.1207-2.0827i	-4.4207+5.9263i
73.7	-1.4050-1.1834i	-7.5266-3.2160i	-1.9911-0.8748i	-0.6753-1.9293i	-3.2508-0.3771i	0.1133+1.6240i	-0.4236-2.1808i	-4.0099+6.1521i
73.8	-1.3394-1.1567i	-4.3553+0.0502i	-1.8888-0.8089i	-0.5361-1.8567i	-2.9770-0.1678i	0.0652+1.5932i	-0.3163-2.1200i	-3.7522+6.0699i
73.9	-1.3379-1.1154i	-2.4607+3.1709i	-1.8788-0.7318i	-0.6469-1.8973i	-2.8820-0.0058i	0.1166+1.6300i	-0.4335-2.1710i	-3.5764+6.2376i
74.0	-1.3341-1.0533i	-2.4681+1.0608i	-1.8996-0.6409i	-0.8011-1.8273i	-3.0298+0.1599i	0.1555+1.5687i	-0.5802-2.1093i	-3.5140+6.2421i
74.1	-1.3772-0.9828i	-0.0070+0.1149i	-1.9775-0.5751i	-1.0076-1.8427i	-3.2612+0.2058i	0.2410+1.5162i	-0.7756-2.1293i	-3.4177+6.1986i
74.2	-1.3250-1.0341i	3.4081+4.0015i	-1.8791-0.6385i	-0.8714-1.8187i	-2.8663-0.0486i	0.1715+1.4493i	-0.6709-2.0820i	-3.3516+5.7267i
74.3	-1.3130-0.9205i	6.6034+2.2816i	-1.8837-0.4292i	-1.0608-1.5621i	-2.9968+0.3615i	0.1753+1.3359i	-0.8685-1.8482i	-3.2094+5.7955i
74.4	-1.3125-0.8936i	7.4084+0.2644i	-1.8515-0.3715i	-1.0573-1.5520i	-2.8518+0.5954i	0.2192+1.3581i	-0.8786-1.8514i	-3.0154+5.9549i
74.5	-1.3526-0.8820i	10.9447-1.2025i	-1.9260-0.3944i	-1.1891-1.5481i	-3.0690+0.2988i	0.2259+1.2914i	-0.9954-1.8279i	-3.1490+5.6682i
74.6	-1.2971-0.8554i	12.6728+1.4136i	-1.8538-0.3568i	-1.0479-1.4412i	-3.0188+0.4878i	0.1603+1.2619i	-0.8668-1.7283i	-2.9708+5.5884i
74.7	-1.2844-0.8168i	13.9776+1.3950i	-1.7905-0.2928i	-0.9716-1.3622i	-2.9364+0.6243i	0.1611+1.2559i	-0.8131-1.6509i	-2.7570+5.5492i
74.8	-1.2920-0.8642i	17.0702-0.9109i	-1.8513-0.3439i	-0.9584-1.3905i	-3.2044+0.4631i	0.0765+1.2487i	-0.7770-1.6655i	-3.1289+5.2475i
74.9	-1.3047-0.8355i	17.4883-1.3908i	-1.8886-0.3080i	-0.9751-1.4108i	-3.4336+0.5284i	0.0436+1.2485i	-0.7780-1.6870i	-3.2872+5.2304i

75.0	-1.2964-0.7773i	20.8035-3.6334i	-1.8326-0.2136i	-0.8629-1.3236i	-3.3935+0.7511i	-0.0072+1.2345i	-0.6701-1.5983i	-3.2309+5.1419i
75.1	-1.2914-0.8012i	24.8596-4.6008i	-1.8239-0.2683i	-0.7640-1.3225i	-3.5152+0.5858i	-0.0775+1.2150i	-0.5664-1.5764i	-3.4083+4.8307i
75.2	-1.2891-0.7174i	26.2274-6.3299i	-1.8193-0.1734i	-0.8137-1.2386i	-3.6096+0.7065i	-0.0501+1.1475i	-0.6186-1.4936i	-3.2698+4.7341i
75.3	-1.2704-0.6119i	25.4102-8.2847i	-1.8356+0.0017i	-0.9301-1.1269i	-3.8363+1.2549i	-0.0255+1.1521i	-0.7190-1.4175i	-3.3207+5.0728i
75.4	-1.2646-0.6329i	27.0187-9.8703i	-1.8367+0.0068i	-0.8520-1.1449i	-3.8901+1.4098i	-0.1017+1.2137i	-0.6348-1.4399i	-3.5313+5.0780i
75.5	-1.2924-0.6038i	29.4094-8.8324i	-1.8384+0.0238i	-0.8637-1.1900i	-3.8546+1.4355i	-0.1006+1.2011i	-0.6494-1.4746i	-3.5442+5.0236i
75.6	-1.3165-0.5818i	34.1342-8.1916i	-1.9461+0.0071i	-0.9815-1.2197i	-4.2667+1.0532i	-0.1613+1.1017i	-0.7340-1.4697i	-3.9659+4.4305i
75.7	-1.2892-0.5612i	33.7470-12.1395i	-1.8949+0.0764i	-0.8469-1.2317i	-4.2620+1.3933i	-0.2271+1.1675i	-0.6024-1.4940i	-4.1101+4.5281i
75.8	-1.3038-0.5044i	35.2542-18.5672i	-1.9454+0.2493i	-0.8680-1.1658i	-4.6923+2.0652i	-0.2776+1.2736i	-0.5800-1.4667i	-4.5778+5.0183i
75.9	-1.2960-0.4545i	37.6185-19.7830i	-2.0135+0.3726i	-0.9224-1.1018i	-5.0546+2.4640i	-0.3589+1.2996i	-0.6036-1.4200i	-4.9893+5.1712i
76.0	-1.3749-0.4197i	40.0689-19.0804i	-2.1467+0.3731i	-1.0896-1.2001i	-5.4533+2.3689i	-0.3491+1.3531i	-0.7426-1.5018i	-5.3451+5.1537i
76.1	-1.3332-0.3462i	41.4217-22.5387i	-2.1011+0.5567i	-1.1192-1.0003i	-5.6349+3.0027i	-0.4216+1.3638i	-0.7559-1.3600i	-5.5920+5.5376i
76.2	-1.2935-0.2856i	39.9174-27.4930i	-2.0646+0.8376i	-1.1087-0.7913i	-5.6990+3.9790i	-0.4587+1.4181i	-0.7329-1.2327i	-5.7834+6.3045i
76.3	-1.2845-0.2511i	40.6508-28.6627i	-2.0363+0.8960i	-1.0733-0.7843i	-5.6554+4.2739i	-0.4655+1.4528i	-0.6939-1.2281i	-5.8253+6.4051i
76.4	-1.2974-0.1525i	42.6213-30.5701i	-2.0806+1.0267i	-1.1551-0.7592i	-5.9428+4.7319i	-0.4973+1.4958i	-0.7542-1.2310i	-6.2118+6.6495i
76.5	-1.2187-0.0579i	43.1076-36.1999i	-2.0658+1.3998i	-1.1943-0.4666i	-6.1707+5.9796i	-0.5760+1.6128i	-0.7755-1.0448i	-6.5830+7.7677i
76.6	-1.1495-0.0725i	40.6159-38.1367i	-1.9005+1.5172i	-1.0789-0.4188i	-5.7109+6.6809i	-0.5298+1.7431i	-0.6968-1.0555i	-6.2649+8.4122i
76.7	-1.1355-0.1259i	39.3874-41.2830i	-1.7459+1.5229i	-0.7845-0.5363i	-5.3834+7.1435i	-0.5803+1.9190i	-0.4183-1.2043i	-6.2741+8.7451i
76.8	-1.1941-0.0016i	44.5562-43.3781i	-1.9683+1.7628i	-1.0728-0.4404i	-6.2233+7.5981i	-0.5906+1.9669i	-0.6400-1.1375i	-7.0520+9.2308i
76.9	-1.1365+0.1094i	45.8068-47.6572i	-1.8602+2.1125i	-1.0880-0.1576i	-6.1566+8.9793i	-0.5576+2.1013i	-0.6543-0.9544i	-7.0073+10.4047i
77.0	-1.1068+0.1273i	43.8769-52.1775i	-1.6508+2.2935i	-0.8995-0.1008i	-5.6997+9.8047i	-0.5571+2.2518i	-0.4985-0.9599i	-6.8047+11.1602i
77.1	-1.0288+0.1690i	42.4119-58.1350i	-1.3981+2.5135i	-0.7248-0.0724i	-5.0845+11.0026i	-0.5136+2.4439i	-0.3648-1.0198i	-6.5022+12.2113i
77.2	-0.9668+0.1716i	39.3378-62.2542i	-1.0370+2.5337i	-0.4354-0.2543i	-4.1041+11.7188i	-0.4219+2.6551i	-0.1530-1.2512i	-5.8834+12.8948i
77.3	-0.9263+0.1482i	37.3375-61.3638i	-0.8734+2.4563i	-0.3284-0.4207i	-3.4598+11.9499i	-0.3385+2.7743i	-0.0987-1.4274i	-5.4984+13.0968i
77.4	-0.8756+0.1480i	38.2026-64.4702i	-0.8031+2.5621i	-0.4101-0.4531i	-3.0923+12.6310i	-0.2758+2.9493i	-0.1976-1.5116i	-5.4679+13.8208i
77.5	-0.7646+0.1389i	32.4965-67.1759i	-0.4403+2.6273i	-0.3265-0.4141i	-1.5573+13.2611i	-0.0081+3.0854i	-0.2184-1.5364i	-4.1516+14.6885i
77.6	-0.6551+0.1857i	25.5005-75.2988i	0.0627+2.8909i	-0.2214-0.2269i	0.3238+14.7544i	0.3640+3.3150i	-0.2568-1.4760i	-2.4832+16.4536i
77.7	-0.5965+0.1437i	22.3542-80.3863i	0.4414+2.9539i	0.0792-0.3037i	1.7053+15.8912i	0.5103+3.5772i	-0.0723-1.6405i	-1.4556+17.5464i
77.8	-0.5748+0.0359i	18.2795-77.5524i	0.7058+2.6681i	0.3165-0.5608i	2.9793+15.5170i	0.6549+3.5941i	0.0577-1.8657i	-0.3413+17.2251i
77.9	-0.5684+0.0165i	16.0712-78.2001i	0.9280+2.6927i	0.3287-0.5564i	4.1914+15.8777i	0.8990+3.6452i	-0.0318-1.8916i	0.7426+17.7432i
78.0	-0.5321-0.0153i	8.6546-76.3265i	1.2290+2.4151i	0.2494-0.6465i	6.0973+14.9626i	1.3341+3.4461i	-0.2558-1.9007i	2.6247+17.2284i
78.1	-0.5396-0.0691i	6.3836-73.2162i	1.3831+2.1742i	0.2552-0.7696i	7.0817+14.0783i	1.5860+3.3190i	-0.3231-1.9660i	3.6617+16.5545i
78.2	-0.5882-0.1356i	5.4620-72.6743i	1.4731+1.8855i	0.3065-1.1167i	7.9039+13.5389i	1.7683+3.3579i	-0.3332-2.2785i	4.2817+16.2074i
78.3	-0.5676-0.1502i	1.2655-74.9328i	1.7387+1.6963i	0.3349-1.1985i	9.5076+13.0931i	2.0876+3.2459i	-0.4491-2.3247i	5.8153+15.9991i
78.4	-0.5646-0.1646i	-3.0225-72.7127i	1.9461+1.4369i	0.3703-1.3027i	10.8902+12.1786i	2.3388+3.0399i	-0.5374-2.3429i	7.2348+15.2279i
78.5	-0.6089-0.1201i	-6.6772-71.4927i	2.0261+1.2402i	0.2142-1.3844i	11.7853+11.1881i	2.6247+2.8148i	-0.7648-2.3392i	8.2775+14.6372i
78.6	-0.6292-0.1310i	-10.7244-69.9763i	2.1359+0.9788i	0.1571-1.5174i	12.9540+10.1252i	2.8518+2.5698i	-0.9160-2.3950i	9.4710+13.7461i
78.7	-0.6515-0.1793i	-12.5087-66.5142i	2.1125+0.5827i	0.0762-1.7208i	13.4870+8.4531i	2.9801+2.2910i	-1.0313-2.4692i	9.9837+12.1787i
78.8	-0.7051-0.1947i	-11.8865-60.8004i	1.7665+0.2679i	-0.1969-1.8922i	12.5304+6.6767i	2.9115+1.9618i	-1.2183-2.4936i	9.1349+10.4887i
78.9	-0.7821-0.1446i	-9.3727-55.9138i	1.4137+0.2790i	-0.5156-1.8105i	11.4798+6.2121i	2.8305+1.8148i	-1.4618-2.3908i	8.1380+10.3014i
79.0	-0.7837-0.0460i	-5.0798-57.3710i	1.5475+0.5158i	-0.4804-1.5642i	12.1155+7.1047i	2.8983+1.7958i	-1.5276-2.2195i	8.9816+11.2899i
79.1	-0.7369-0.0418i	-4.8689-62.1689i	1.7321+0.2825i	-0.3257-1.7805i	13.1459+6.3114i	2.9267+1.6633i	-1.4695-2.2941i	9.9166+10.3392i
79.2	-0.7211-0.0929i	-8.4982-63.4867i	1.7384-0.2072i	-0.3607-2.0728i	13.5876+4.2208i	2.9744+1.3644i	-1.5090-2.3983i	10.2570+8.3933i
79.3	-0.6854-0.0696i	-13.3848-62.0195i	1.6857-0.5057i	-0.5014-2.0972i	13.7372+2.3159i	2.9891+0.9691i	-1.6553-2.2454i	10.6121+6.6179i
79.4	-0.6520-0.0359i	-15.7823-61.1286i	1.5915-0.6798i	-0.5901-2.1257i	13.5561+1.1173i	2.9249+0.7108i	-1.7228-2.1480i	10.5609+5.4041i
79.5	-0.6663-0.0388i	-15.7295-61.3637i	1.3888-0.7963i	-0.7410-2.2285i	13.0842+0.6791i	2.8326+0.6773i	-1.8173-2.2103i	10.0567+5.1032i
79.6	-0.6651-0.0694i	-17.5236-60.0973i	1.2119-0.9433i	-0.8690-2.2427i	12.6024-0.2442i	2.7476+0.5315i	-1.8765-2.1489i	9.6017+4.4075i
79.7	-0.6802-0.0746i	-19.0923-56.9014i	0.8618-1.0602i	-1.1456-2.2727i	11.4099-1.3429i	2.5768+0.3604i	-2.0301-2.0664i	8.3865+3.4842i
79.8	-0.6811-0.0434i	-20.7932-55.5407i	0.6622-1.0043i	-1.4180-2.1120i	10.7041-1.8002i	2.4845+0.2368i	-2.2175-1.8722i	7.8555+3.2740i
79.9	-0.6900-0.0264i	-22.8400-54.3580i	0.5866-1.0378i	-1.5120-2.0029i	10.4104-2.3872i	2.4245+0.0838i	-2.2741-1.7370i	7.8128+2.8566i
80.0	-0.6673-0.0155i	-23.3286-54.0548i	0.5245-1.0072i	-1.5311-1.9797i	10.1174-2.3654i	2.3425+0.0997i	-2.2497-1.7146i	7.6243+2.8322i

2.1.45 Run 4 – IP050-200 – Accels 17–24

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-2.4335+0.0000i	-0.3051+0.0000i	16.5992+0.0000i	10.2477+0.0000i	6.8956+0.0000i	9.1446+0.0000i	6.7755+0.0000i	12.2674+0.0000i
0.1	-2.0598+1.2234i	0.1372+0.8660i	14.7035-1.7553i	10.6821-0.7293i	4.2837-0.0881i	9.9413+0.1282i	6.7102+0.5266i	11.3170+0.0943i
0.2	-4.6267+1.9925i	1.5407-0.0035i	-0.0500-0.6078i	2.3743-0.4788i	3.1363-1.5870i	1.4881-0.8217i	0.5073-0.6168i	1.3688+0.2099i
0.3	-1.6775+0.8798i	1.3111-0.4257i	-0.3037-0.1398i	-0.5205-0.2793i	1.9008-4.8674i	-0.3987-0.1982i	0.9847+1.0457i	1.7429+0.2643i
0.4	-0.6627+0.1388i	0.1844-1.0768i	-0.1581+0.4126i	-0.2752-0.1924i	8.1281+1.8940i	-1.2571+0.2727i	0.2345+0.8607i	1.0829-0.2703i
0.5	0.4086-0.0765i	0.0389-0.2841i	0.0603+0.0163i	0.0820-0.1553i	3.0215+1.9430i	0.4021-0.0857i	0.1626+0.1032i	0.0699+0.0270i
0.6	-0.0569+0.0490i	-0.0342-0.0306i	0.0624+0.0113i	-0.0699-0.0781i	-0.2517-0.4390i	0.1258-0.0736i	-0.0342+0.0729i	-0.0585-0.0038i
0.7	-0.0370+0.0054i	-0.0562+0.0004i	0.0375+0.0032i	-0.0586-0.0152i	-0.5653+0.4873i	-0.0066-0.0053i	-0.0282-0.0031i	-0.0811-0.0280i
0.8	-0.0697-0.0105i	-0.0887-0.0016i	0.0639+0.0033i	-0.0615-0.0168i	0.5598+1.2898i	-0.0159-0.0298i	-0.0279-0.0091i	-0.0852-0.0032i
0.9	-0.0708-0.0198i	-0.1020+0.0152i	0.0467-0.0292i	-0.0680-0.0153i	0.5369+0.3340i	0.0035-0.0000i	-0.0499-0.0249i	-0.1099+0.0118i
1.0	-0.0715-0.0172i	-0.1056+0.0114i	0.0182-0.0281i	-0.0655-0.0129i	0.1967+0.0803i	0.0056+0.0069i	-0.0670-0.0201i	-0.1097+0.0095i
1.1	-0.0874-0.0142i	-0.1254+0.0197i	0.0223-0.0283i	-0.0770-0.0118i	-0.2977+0.1790i	0.0019-0.0053i	-0.0904+0.0022i	-0.1382-0.0031i
1.2	-0.1234-0.0264i	-0.2187+0.0096i	0.0601-0.0205i	-0.1312-0.0125i	-0.3337+0.5327i	0.0066-0.0047i	-0.1250-0.0079i	-0.2256-0.0129i
1.3	-0.1662-0.0543i	-0.2791+0.0202i	0.0861-0.0252i	-0.1696-0.0413i	-0.5880+0.3516i	0.0145-0.0014i	-0.1330+0.0120i	-0.3057-0.0401i
1.4	-0.3235-0.0375i	-0.4158+0.0414i	0.1591-0.0528i	-0.3007-0.0272i	-0.9314+0.1280i	0.0137+0.0044i	-0.0844-0.0217i	-0.6216+0.0143i
1.5	-0.3514+0.1785i	-0.5449+0.2181i	0.2117-0.1757i	-0.3438+0.1429i	-0.8960+0.6396i	0.0123+0.0117i	-0.1530-0.1638i	-0.7355+0.5022i
1.6	-0.1565+0.1798i	-0.5669+0.3221i	0.1926-0.2481i	-0.2259+0.1543i	-0.3359+0.7930i	0.0224+0.0124i	-0.3654-0.1628i	-0.4097+0.6151i
1.7	-0.1389+0.0622i	-0.6392+0.3864i	0.2014-0.3005i	-0.2405+0.0760i	-0.1253+0.5514i	0.0291+0.0108i	-0.4838-0.0733i	-0.3687+0.5105i
1.8	-0.2216-0.0433i	-0.8312+0.6871i	0.2521-0.5327i	-0.3534+0.0276i	-0.1066+0.5423i	0.0358+0.0155i	-0.6320-0.0046i	-0.5214+0.6689i
1.9	-0.3598-0.1679i	-0.8108+1.1672i	0.1093-0.9126i	-0.4929-0.0168i	-0.1120+0.7641i	0.0483+0.0246i	-0.7929+0.0504i	-0.4910+1.0165i
2.0	-0.7840-0.2852i	-0.1306+1.5640i	-0.6788-1.2161i	-0.8236-0.0585i	0.3297+0.7361i	0.0847+0.0308i	-1.0404+0.1314i	0.0481+1.2721i
2.1	-1.7598-0.2283i	0.8292+1.3408i	-2.0613-0.9782i	-1.6384-0.0147i	0.7865+0.5163i	0.1600+0.0232i	-1.6693+0.2261i	0.7399+1.0376i
2.2	-2.8848+0.2231i	1.0548+1.0170i	-3.1056-0.3790i	-2.6980+0.3927i	0.8827+0.4941i	0.2422-0.0114i	-2.6386+0.6035i	0.8388+0.7839i
2.3	-2.1207+2.1094i	1.1008+0.7474i	-2.4543+1.3322i	-1.9211+2.2001i	0.9921+0.3284i	0.1857-0.1523i	-1.8149+2.3360i	0.8702+0.6490i
2.4	2.9591+1.2546i	0.8545+0.3379i	1.8897+0.7923i	3.0278+1.2615i	0.6221+0.0537i	-0.1855-0.0932i	3.0388+1.2937i	0.8670+0.3085i
2.5	1.9778+0.3445i	0.8175+0.2762i	1.0923+0.0949i	2.0541+0.3666i	0.5215+0.1263i	-0.1119-0.0227i	2.0802+0.4146i	0.7874+0.2185i
2.6	1.3160+0.1754i	0.7433+0.2306i	0.5910-0.0118i	1.3925+0.1999i	0.5067+0.0224i	-0.0622-0.0098i	1.4222+0.2438i	0.6966+0.1780i
2.7	1.0425+0.1022i	0.7073+0.1794i	0.3863-0.0388i	1.1197+0.1235i	0.4170-0.0477i	-0.0411-0.0050i	1.1520+0.1585i	0.6520+0.1369i
2.8	0.8715+0.0811i	0.6665+0.1459i	0.2660-0.0339i	0.9464+0.0990i	0.3237-0.0240i	-0.0254-0.0036i	0.9801+0.1300i	0.6088+0.1095i
2.9	0.7625+0.0718i	0.6109+0.1289i	0.2047-0.0304i	0.8311+0.0887i	0.3152+0.0418i	-0.0139-0.0033i	0.8605+0.1181i	0.5576+0.0975i
3.0	0.6864+0.0482i	0.5754+0.1133i	0.1596-0.0358i	0.7507+0.0637i	0.3213+0.0184i	-0.0052-0.0018i	0.7780+0.0872i	0.5246+0.0865i
3.1	0.6275+0.0446i	0.5547+0.1034i	0.1241-0.0310i	0.6906+0.0595i	0.2954+0.0542i	0.0011-0.0019i	0.7154+0.0787i	0.5039+0.0798i
3.2	0.5847+0.0403i	0.5346+0.0898i	0.0986-0.0281i	0.6452+0.0528i	0.3862+0.0506i	0.0074-0.0014i	0.6683+0.0705i	0.4853+0.0696i
3.3	0.5533+0.0361i	0.5153+0.0814i	0.0797-0.0248i	0.6113+0.0473i	0.3774-0.0120i	0.0125-0.0010i	0.6320+0.0633i	0.4682+0.0629i
3.4	0.5244+0.0319i	0.5010+0.0681i	0.0616-0.0167i	0.5803+0.0413i	0.3266+0.0357i	0.0185-0.0010i	0.5994+0.0532i	0.4545+0.0536i
3.5	0.5024+0.0290i	0.4887+0.0688i	0.0494-0.0185i	0.5550+0.0391i	0.2833+0.0583i	0.0234-0.0008i	0.5737+0.0523i	0.4426+0.0539i
3.6	0.4833+0.0286i	0.4750+0.0624i	0.0385-0.0145i	0.5337+0.0377i	0.2491+0.0222i	0.0293-0.0004i	0.5506+0.0491i	0.4308+0.0500i
3.7	0.4669+0.0254i	0.4679+0.0589i	0.0232-0.0172i	0.5151+0.0337i	0.2719+0.0031i	0.0356+0.0003i	0.5323+0.0442i	0.4232+0.0471i
3.8	0.4550+0.0255i	0.4606+0.0559i	0.0124-0.0143i	0.5018+0.0340i	0.2965+0.0245i	0.0411-0.0003i	0.5185+0.0437i	0.4158+0.0458i
3.9	0.4449+0.0261i	0.4513+0.0553i	0.0018-0.0131i	0.4893+0.0349i	0.2944+0.0224i	0.0472-0.0009i	0.5034+0.0434i	0.4081+0.0462i
4.0	0.4348+0.0241i	0.4512+0.0546i	-0.0167-0.0131i	0.4782+0.0333i	0.2854+0.0305i	0.0532-0.0009i	0.4922+0.0416i	0.4067+0.0454i
4.1	0.4288+0.0235i	0.4471+0.0488i	-0.0274-0.0075i	0.4697+0.0314i	0.3107+0.0438i	0.0597-0.0002i	0.4840+0.0390i	0.4025+0.0403i
4.2	0.4229+0.0235i	0.4401+0.0494i	-0.0360-0.0074i	0.4609+0.0311i	0.3144+0.0081i	0.0654+0.0005i	0.4747+0.0398i	0.3953+0.0401i
4.3	0.4175+0.0243i	0.4346+0.0497i	-0.0510-0.0049i	0.4537+0.0318i	0.2748+0.0115i	0.0729-0.0009i	0.4664+0.0416i	0.3895+0.0399i
4.4	0.4120+0.0261i	0.4306+0.0460i	-0.0700+0.0039i	0.4458+0.0333i	0.2622+0.0133i	0.0809-0.0025i	0.4582+0.0414i	0.3856+0.0378i
4.5	0.4094+0.0267i	0.4280+0.0419i	-0.0909+0.0106i	0.4402+0.0328i	0.3294+0.0011i	0.0889-0.0016i	0.4522+0.0396i	0.3832+0.0359i
4.6	0.4075+0.0271i	0.4223+0.0413i	-0.1136+0.0238i	0.4357+0.0337i	0.2857+0.0282i	0.0968-0.0005i	0.4467+0.0396i	0.3782+0.0360i
4.7	0.4075+0.0282i	0.4169+0.0428i	-0.1319+0.0648i	0.4326+0.0349i	0.2759+0.0370i	0.1051-0.0011i	0.4426+0.0417i	0.3743+0.0371i
4.8	0.4056+0.0290i	0.4168+0.0390i	-0.1158+0.1370i	0.4275+0.0343i	0.2537+0.0002i	0.1144-0.0015i	0.4369+0.0402i	0.3736+0.0354i
4.9	0.4053+0.0294i	0.4117+0.0360i	-0.0504+0.1406i	0.4229+0.0343i	0.2417-0.0015i	0.1242-0.0024i	0.4306+0.0396i	0.3688+0.0332i
5.0	0.4101+0.0318i	0.4046+0.0398i	-0.0291+0.0658i	0.4220+0.0376i	0.2499+0.0321i	0.1363-0.0033i	0.4275+0.0441i	0.3620+0.0358i
5.1	0.4133+0.0344i	0.4016+0.0399i	-0.0518+0.0482i	0.4199+0.0412i	0.2515+0.0506i	0.1460-0.0054i	0.4245+0.0472i	0.3592+0.0367i
5.2	0.4163+0.0379i	0.4002+0.0388i	-0.0827+0.0440i	0.4172+0.0457i	0.2711+0.0374i	0.1581-0.0075i	0.4216+0.0497i	0.3571+0.0374i
5.3	0.4201+0.0403i	0.3980+0.0432i	-0.1082+0.0389i	0.4159+0.0499i	0.2926+0.0625i	0.1723-0.0081i	0.4199+0.0537i	0.3549+0.0406i
5.4	0.4284+0.0464i	0.3967+0.0448i	-0.1370+0.0469i	0.4184+0.0570i	0.2738+0.0250i	0.1881-0.0110i	0.4203+0.0614i	0.3537+0.0432i
5.5	0.4344+0.0559i	0.3966+0.0464i	-0.1646+0.0586i	0.4206+0.0665i	0.2388+0.0523i	0.2001-0.0163i	0.4210+0.0693i	0.3543+0.0463i
5.6	0.4407+0.0613i	0.3988+0.0486i	-0.1999+0.0700i	0.4198+0.0727i	0.2541+0.0504i	0.2177-0.0200i	0.4192+0.0737i	0.3578+0.0484i

5.7	0.4540+0.0649i	0.4026+0.0502i	-0.2342+0.0942i	0.4244+0.0807i	0.2703+0.0484i	0.2357-0.0270i	0.4221+0.0820i	0.3612+0.0513i
5.8	0.4636+0.0716i	0.4025+0.0541i	-0.2731+0.1154i	0.4260+0.0911i	0.2893+0.0421i	0.2546-0.0342i	0.4225+0.0950i	0.3615+0.0553i
5.9	0.4862+0.0840i	0.4060+0.0538i	-0.2960+0.1562i	0.4418+0.1069i	0.2687+0.0140i	0.2703-0.0477i	0.4374+0.1118i	0.3667+0.0553i
6.0	0.5134+0.0845i	0.4053+0.0510i	-0.2998+0.1785i	0.4635+0.1108i	0.2452+0.0770i	0.2787-0.0555i	0.4573+0.1166i	0.3676+0.0510i
6.1	0.5460+0.0836i	0.4059+0.0515i	-0.3201+0.2012i	0.4882+0.1120i	0.2414+0.0795i	0.2920-0.0615i	0.4784+0.1171i	0.3680+0.0525i
6.2	0.5707+0.0781i	0.4072+0.0516i	-0.3447+0.2060i	0.5050+0.1084i	0.2469+0.0221i	0.3055-0.0619i	0.4930+0.1131i	0.3688+0.0541i
6.3	0.5955+0.0774i	0.4045+0.0517i	-0.3905+0.2279i	0.5153+0.1116i	0.2795-0.0120i	0.3232-0.0640i	0.5000+0.1178i	0.3688+0.0539i
6.4	0.6406+0.0776i	0.4097+0.0522i	-0.4874+0.2540i	0.5371+0.1154i	0.2872+0.0820i	0.3526-0.0650i	0.5186+0.1209i	0.3764+0.0535i
6.5	0.6901+0.0742i	0.4136+0.0560i	-0.5701+0.2763i	0.5662+0.1173i	0.2901+0.0992i	0.3794-0.0643i	0.5477+0.1243i	0.3822+0.0564i
6.6	0.7552+0.0570i	0.4099+0.0511i	-0.6832+0.3563i	0.6011+0.1139i	0.3059+0.0793i	0.4160-0.0684i	0.5775+0.1214i	0.3829+0.0503i
6.7	0.8140+0.0277i	0.4070+0.0502i	-0.7758+0.4421i	0.6325+0.1009i	0.3048+0.0793i	0.4463-0.0779i	0.6041+0.1112i	0.3843+0.0456i
6.8	0.9197-0.0357i	0.4001+0.0550i	-0.9650+0.5866i	0.6864+0.0711i	0.3139+0.0884i	0.4932-0.0919i	0.6494+0.0880i	0.3808+0.0463i
6.9	1.0642-0.1628i	0.3889+0.0673i	-1.1776+0.9280i	0.7708+0.0240i	0.2936+0.0366i	0.5332-0.1211i	0.7208+0.0522i	0.3784+0.0492i
7.0	1.2127-0.3889i	0.3740+0.0908i	-1.4768+1.5021i	0.8477-0.0680i	0.3437+0.0538i	0.5799-0.1460i	0.7842-0.0162i	0.3776+0.0521i
7.1	1.0965-0.7932i	0.3857+0.1272i	-1.1028+2.3637i	0.8181-0.2682i	0.2911+0.0463i	0.6109-0.1687i	0.7683-0.1766i	0.3788+0.0554i
7.2	0.5507-1.0016i	0.4475+0.1468i	0.2338+2.7016i	0.5800-0.4011i	0.2643+0.0407i	0.6506-0.1785i	0.5836-0.2937i	0.3878+0.0603i
7.3	0.2220-0.8063i	0.4847+0.1227i	0.8783+2.1796i	0.4048-0.3314i	0.2576+0.0595i	0.7386-0.2123i	0.4390-0.2465i	0.3937+0.0505i
7.4	0.0931-0.6105i	0.4977+0.1012i	1.1689+1.7390i	0.3335-0.2411i	0.3156+0.0861i	0.7692-0.2609i	0.3793-0.1765i	0.3922+0.0423i
7.5	0.1106-0.2992i	0.4979+0.0734i	1.1191+1.0171i	0.3353-0.0903i	0.3174+0.0509i	0.8138-0.2647i	0.3781-0.0562i	0.3871+0.0458i
7.6	0.2080-0.1754i	0.4933+0.0633i	0.8722+0.7743i	0.3797-0.0264i	0.2924+0.0579i	0.8819-0.2835i	0.4130-0.0050i	0.3870+0.0505i
7.7	0.3829-0.1581i	0.4841+0.0552i	0.4564+0.7875i	0.4608-0.0132i	0.2535-0.0805i	1.0165-0.3660i	0.4773+0.0051i	0.3919+0.0488i
7.8	0.4555-0.1818i	0.4834+0.0569i	0.3363+0.9185i	0.5021-0.0139i	0.2556-0.0555i	1.0910-0.4699i	0.5124+0.0064i	0.3964+0.0502i
7.9	0.4759-0.2052i	0.4873+0.0603i	0.3314+1.0369i	0.5168-0.0178i	0.3245+0.0176i	1.1210-0.5645i	0.5264+0.0061i	0.3980+0.0515i
8.0	0.5000-0.1872i	0.4898+0.0554i	0.3035+1.0587i	0.5330-0.0032i	0.3369-0.0206i	1.1862-0.6412i	0.5416+0.0194i	0.4014+0.0503i
8.1	0.5348-0.1937i	0.4930+0.0515i	0.2196+1.1294i	0.5499-0.0063i	0.3061+0.0215i	1.2747-0.7322i	0.5555+0.0174i	0.4019+0.0475i
8.2	0.5523-0.1985i	0.4947+0.0515i	0.2003+1.1305i	0.5588-0.0081i	0.3201+0.0707i	1.3277-0.7731i	0.5652+0.0143i	0.4008+0.0496i
8.3	0.6539-0.1979i	0.4965+0.0514i	0.0129+1.1577i	0.6169-0.0083i	0.3460+0.1886i	1.5410-0.8603i	0.6152+0.0133i	0.4031+0.0481i
8.4	0.7383-0.2180i	0.4976+0.0490i	-0.1554+1.2575i	0.6616-0.0169i	0.3651+0.1054i	1.7119-0.9724i	0.6546+0.0042i	0.4060+0.0448i
8.5	0.8614-0.2696i	0.4967+0.0469i	-0.4724+1.4588i	0.7212-0.0374i	0.3483-0.0206i	2.0375-1.1744i	0.7051-0.0147i	0.4068+0.0416i
8.6	0.9429-0.3969i	0.4923+0.0455i	-0.6141+1.8605i	0.7685-0.0917i	0.3599-0.0688i	2.2085-1.5636i	0.7497-0.0632i	0.4050+0.0369i
8.7	0.9887-0.5084i	0.4808+0.0491i	-0.7431+2.2080i	0.7884-0.1476i	0.3072-0.0287i	2.3794-1.9070i	0.7691-0.1124i	0.3915+0.0403i
8.8	1.0576-0.6160i	0.4741+0.0590i	-0.8743+2.6266i	0.8267-0.1903i	0.3146+0.0057i	2.5607-2.3154i	0.8009-0.1463i	0.3864+0.0481i
8.9	1.1815-0.8728i	0.4755+0.0776i	-1.1661+3.5940i	0.8962-0.2951i	0.3393+0.0058i	2.8832-3.2211i	0.8571-0.2336i	0.3925+0.0545i
9.0	1.1787-1.2349i	0.4831+0.0911i	-0.9658+4.8955i	0.9167-0.4518i	0.3861+0.0196i	2.7600-4.4139i	0.8743-0.3694i	0.3933+0.0465i
9.1	0.9634-1.4371i	0.4919+0.0964i	-0.1623+5.6211i	0.8327-0.5444i	0.3290+0.0795i	2.0698-5.0885i	0.8045-0.4465i	0.3804+0.0435i
9.2	0.9153-1.8151i	0.4829+0.1155i	0.2005+7.1314i	0.8245-0.7051i	0.2503+0.0784i	1.8439-6.4589i	0.7976-0.5817i	0.3601+0.0561i
9.3	0.2255-2.4831i	0.5006+0.1601i	3.1565+9.5170i	0.5590-1.0110i	0.2656+0.0916i	-0.6834-8.6438i	0.5791-0.8420i	0.3418+0.0784i
9.4	-0.7294-2.2800i	0.5408+0.1783i	6.8824+8.5704i	0.1538-0.9563i	0.2780+0.1207i	-3.9387-7.8232i	0.2390-0.7982i	0.3341+0.1099i
9.5	-1.1211-1.6420i	0.5740+0.1809i	8.4011+5.9674i	-0.0250-0.7035i	0.2651+0.1275i	-5.1958-5.5701i	0.0898-0.5905i	0.3395+0.1460i
9.6	-1.1826-1.1140i	0.5978+0.1764i	8.7023+3.9170i	-0.0615-0.4809i	0.2476+0.1338i	-5.3676-3.7763i	0.0597-0.4057i	0.3527+0.1754i
9.7	-1.0561-0.6937i	0.6201+0.1825i	8.3632+2.3207i	-0.0125-0.2984i	0.2810+0.1887i	-4.9344-2.3959i	0.1005-0.2549i	0.3749+0.2121i
9.8	-0.9521-0.5429i	0.6363+0.1868i	8.0588+1.6954i	0.0300-0.2342i	0.3220+0.1619i	-4.5747-1.8996i	0.1354-0.1999i	0.3890+0.2307i
9.9	-0.8082-0.3859i	0.6621+0.1865i	7.6937+1.0354i	0.0970-0.1665i	0.3498+0.1995i	-4.1121-1.3863i	0.1916-0.1442i	0.4174+0.2495i
10.0	-0.7104-0.3075i	0.6841+0.1952i	7.5037+0.6833i	0.1455-0.1305i	0.3650+0.2288i	-3.8178-1.1367i	0.2356-0.1169i	0.4414+0.2721i
10.1	-0.6425-0.2514i	0.7041+0.2069i	7.4289+0.4059i	0.1787-0.1050i	0.4184+0.3275i	-3.5957-0.9546i	0.2613-0.0981i	0.4580+0.2970i
10.2	-0.5524-0.2068i	0.7490+0.2091i	7.2906+0.1337i	0.2217-0.0873i	0.5322+0.3250i	-3.3194-0.8325i	0.2953-0.0816i	0.5126+0.3114i
10.3	-0.4993-0.1858i	0.7875+0.2110i	7.2655-0.0345i	0.2530-0.0786i	0.5473+0.2330i	-3.1925-0.7999i	0.3229-0.0753i	0.5558+0.3279i
10.4	-0.4629-0.1520i	0.8308+0.2005i	7.3627-0.2386i	0.2748-0.0625i	0.5198+0.2868i	-3.1157-0.7463i	0.3410-0.0628i	0.6021+0.3383i
10.5	-0.4429-0.1358i	0.8613+0.1914i	7.4838-0.4122i	0.2895-0.0567i	0.4956+0.3234i	-3.1077-0.6918i	0.3536-0.0594i	0.6380+0.3329i
10.6	-0.4104-0.1152i	0.8964+0.1759i	7.6374-0.6591i	0.3142-0.0520i	0.5751+0.2601i	-3.0812-0.5850i	0.3756-0.0551i	0.6794+0.3172i
10.7	-0.3841-0.0808i	0.9284+0.1658i	7.8417-1.0009i	0.3345-0.0423i	0.6250+0.2589i	-3.0244-0.4510i	0.3944-0.0462i	0.7117+0.3211i
10.8	-0.3603-0.0557i	0.9647+0.1419i	8.0011-1.2138i	0.3531-0.0360i	0.6147+0.2939i	-2.9787-0.3456i	0.4129-0.0421i	0.7488+0.3042i
10.9	-0.3347-0.0372i	0.9976+0.1221i	8.1599-1.4173i	0.3719-0.0236i	0.6582+0.3127i	-2.9232-0.2906i	0.4311-0.0347i	0.7800+0.2899i
11.0	-0.3084-0.0288i	1.0303+0.1037i	8.5456-1.6908i	0.3916-0.0211i	0.7632+0.2551i	-2.8604-0.2522i	0.4495-0.0339i	0.8108+0.2735i
11.1	-0.2803-0.0132i	1.0643+0.0747i	8.8133-2.0958i	0.4171-0.0163i	0.7349+0.1997i	-2.8370-0.2256i	0.4735-0.0330i	0.8415+0.2565i
11.2	-0.2681-0.0076i	1.0827+0.0568i	8.9454-2.2905i	0.4348-0.0189i	0.7263+0.2817i	-2.8408-0.2066i	0.4914-0.0343i	0.8547+0.2381i
11.3	-0.2529+0.0064i	1.1087+0.0406i	9.3406-2.5419i	0.4556-0.0068i	0.7899+0.2571i	-2.8573-0.2085i	0.5179-0.0221i	0.8718+0.2205i
11.4	-0.2396+0.0215i	1.1569+0.0226i	9.7688-2.9867i	0.4823+0.0019i	0.8322+0.2382i	-2.9082-0.1811i	0.5489-0.0191i	0.9057+0.2179i
11.5	-0.2388+0.0363i	1.1953+0.0030i	10.1372-3.3432i	0.5024-0.0008i	0.8847+0.2026i	-2.9563-0.1120i	0.5724-0.0276i	0.9294+0.2080i
11.6	-0.2307+0.0479i	1.2251-0.0258i	10.5042-3.9442i	0.5251+0.0004i	0.8655+0.2383i	-2.9859-0.0611i	0.6023-0.0338i	0.9347+0.1899i
11.7	-0.2261+0.0595i	1.2508-0.0387i	10.5653-4.2949i	0.5526+0.0075i	0.8918+0.2407i	-3.0620-0.0402i	0.6351-0.0356i	0.9429+0.1907i
11.8	-0.2240+0.0829i	1.2853-0.0537i	11.0735-4.2414i	0.5850+0.0068i	0.9359+0.2113i	-3.1517+0.0512i	0.6736-0.0514i	0.9532+0.2025i
11.9	-0.2143+0.1101i	1.3261-0.0712i	11.9080-4.3213i	0.6071+0.0015i	0.9522+0.2103i	-3.1751+0.1846i	0.7038-0.0777i	0.9618+0.2218i

12.0	-0.2193+0.1248i	1.3736-0.0695i	12.8338-4.4240i	0.6282+0.0070i	1.0044+0.2311i	-3.2241+0.2191i	0.7352-0.0896i	0.9736+0.2497i
12.1	-0.2309+0.1635i	1.4421-0.0814i	14.5648-5.1918i	0.6487+0.0066i	1.0253+0.2474i	-3.2850+0.3228i	0.7631-0.1167i	1.0048+0.2944i
12.2	-0.2248+0.2110i	1.5013-0.0826i	16.0416-6.3888i	0.6688+0.0244i	0.9340+0.2959i	-3.3087+0.3784i	0.7828-0.1412i	1.0331+0.3543i
12.3	-0.2229+0.2569i	1.5704-0.0571i	17.3170-7.1944i	0.6977+0.0487i	1.0281+0.3645i	-3.3813+0.3838i	0.8144-0.1619i	1.0683+0.4489i
12.4	-0.2045+0.3288i	1.6840-0.0447i	19.0511-8.9054i	0.7489+0.0732i	1.2422+0.4128i	-3.5003+0.4472i	0.8437-0.2038i	1.1753+0.5828i
12.5	-0.1827+0.4434i	1.8775-0.0279i	21.7231-11.5476i	0.8206+0.1161i	1.5422+0.6993i	-3.7075+0.5355i	0.8768-0.2618i	1.3463+0.7665i
12.6	-0.1255+0.5901i	2.1438+0.0121i	24.6662-14.1715i	0.9240+0.1768i	2.0009+0.9933i	-3.9610+0.6575i	0.9056-0.3319i	1.6355+1.0264i
12.7	0.0027+0.6972i	2.4414-0.0366i	26.6308-17.8115i	1.0528+0.2045i	2.3049+1.1232i	-4.1615+0.8253i	0.8945-0.3779i	2.0501+1.1576i
12.8	0.1848+0.7767i	2.8228-0.1700i	28.5111-21.9272i	1.2203+0.2004i	2.9265+1.0553i	-4.3654+1.0502i	0.8657-0.4189i	2.6200+1.1796i
12.9	0.3891+0.8027i	3.2335-0.4182i	30.6642-26.6215i	1.4127+0.1522i	3.7845+0.7851i	-4.6196+1.3031i	0.8369-0.4348i	3.2810+1.0166i
13.0	0.6354+0.7528i	3.7336-0.8775i	33.8258-33.5746i	1.6484+0.0313i	4.6242+0.3980i	-4.9585+1.6975i	0.8310-0.4258i	4.0813+0.5621i
13.1	0.8055+0.6796i	4.1234-1.3461i	37.2992-40.7238i	1.8372-0.1046i	5.2302-0.1671i	-5.2720+2.0877i	0.8540-0.4133i	4.6515+0.0388i
13.2	1.0210+0.5515i	4.6559-2.3369i	42.2104-56.6129i	2.0811-0.3867i	6.0276-1.5056i	-5.6258+2.9875i	0.9101-0.4265i	5.4001-1.0029i
13.3	1.2064+0.4349i	5.1223-3.3944i	46.1505-74.5463i	2.3016-0.6676i	6.5392-2.8720i	-5.9190+3.9333i	0.9863-0.4515i	6.0249-2.0833i
13.4	1.4533+0.1041i	4.7341-5.7331i	31.6876-114.0683i	2.3908-1.3012i	6.0530-5.6452i	-5.3330+5.7213i	1.0689-0.5166i	5.9776-4.5718i
13.5	1.6044-0.3269i	3.3582-7.9532i	-2.0160-149.2601i	2.2435-1.9856i	4.7724-8.3493i	-4.1174+7.0869i	1.1398-0.6697i	4.9353-6.9970i
13.6	1.2919-0.7976i	-0.1180-8.4976i	-70.3601-149.7667i	1.4903-2.3569i	0.8155-9.1696i	-1.8569+6.9484i	1.1135-0.7884i	1.5252-8.0552i
13.7	0.9418-0.9996i	-2.8513-7.6015i	-123.5977-124.2793i	0.8519-2.3393i	-2.2209-8.2933i	-0.3823+6.0923i	1.0507-0.8495i	-1.2417-7.5698i
13.8	0.6164-0.9145i	-4.4644-5.0419i	-155.6946-68.6210i	0.4900-1.8660i	-4.1828-5.8634i	0.0625+4.4075i	1.0746-0.8100i	-3.1408-5.3158i
13.9	0.5604-0.8499i	-4.5138-3.7502i	-160.0967-37.6047i	0.5615-1.6850i	-4.3981-4.5463i	-0.3947+3.8682i	1.2041-0.8614i	-3.3843-4.0932i
14.0	0.5705-0.8253i	-4.2756-2.4950i	-161.9127-2.7110i	0.7567-1.6263i	-4.2425-3.1361i	-1.1573+3.6240i	1.4059-1.0276i	-3.3306-2.8924i
14.1	0.6296-0.9053i	-4.0864-1.6620i	-167.0512+29.9477i	0.9840-1.7733i	-4.1756-2.0738i	-1.8867+3.8982i	1.6274-1.3241i	-3.2612-2.0634i
14.2	0.5977-1.1854i	-3.6218-0.8238i	-155.8803+83.0425i	1.0577-2.3287i	-3.7862-1.0012i	-2.3537+5.1376i	1.6537-2.0416i	-2.9250-1.1993i
14.3	0.3552-1.4585i	-3.1494-0.3562i	-121.6455+125.0196i	0.6755-2.9109i	-3.2286-0.2344i	-1.7479+6.4900i	1.2136-2.7071i	-2.4873-0.6908i
14.4	-0.1537-1.5176i	-2.5825-0.0222i	-60.3768+144.1138i	-0.2079-3.1312i	-2.5439+0.1012i	-0.0979+7.1973i	0.2593-3.0000i	-1.9308-0.3374i
14.5	-0.6302-1.3154i	-2.1273+0.0649i	-3.1804+130.6709i	-1.0754-2.8544i	-1.8462+0.2281i	1.6037+6.8800i	-0.6712-2.7555i	-1.4386-0.2647i
14.6	-0.8613-0.8962i	-1.8038+0.1287i	28.4776+96.6414i	-1.5251-2.1883i	-1.2971+0.0610i	2.5221+5.9252i	-1.1646-2.1173i	-1.1248-0.3056i
14.7	-0.8815-0.5652i	-1.6134+0.2115i	38.5509+71.7269i	-1.6291-1.6862i	-1.0596-0.1052i	2.9782+5.3315i	-1.3020-1.6388i	-0.9862-0.3430i
14.8	-0.7595-0.3540i	-1.4118+0.2412i	37.6257+53.3598i	-1.5532-1.3461i	-0.9662-0.3003i	3.3572+4.7998i	-1.2563-1.3009i	-0.9202-0.3790i
14.9	-0.6345-0.2218i	-1.1672+0.2683i	35.2980+38.1880i	-1.4831-1.0526i	-1.0854-0.2665i	3.7433+4.0927i	-1.2081-1.0120i	-0.8699-0.3682i
15.0	-0.5070-0.1528i	-0.9198+0.2144i	30.4588+27.7996i	-1.3653-0.8139i	-1.0186-0.2380i	3.9688+3.2762i	-1.1138-0.7798i	-0.8172-0.3367i
15.1	-0.4339-0.1132i	-0.7843+0.1378i	28.1585+21.2677i	-1.2924-0.6406i	-0.9654-0.2633i	4.0575+2.5821i	-1.0546-0.6067i	-0.7830-0.3037i
15.2	-0.3691-0.1031i	-0.7335+0.0491i	24.3101+17.0457i	-1.1761-0.5211i	-0.8999-0.2369i	3.8229+1.9975i	-0.9446-0.4887i	-0.7387-0.2759i
15.3	-0.3215-0.0933i	-0.7143-0.0039i	21.3894+14.1293i	-1.0699-0.4383i	-0.8756-0.2306i	3.5350+1.6030i	-0.8453-0.4082i	-0.6888-0.2543i
15.4	-0.2753-0.0884i	-0.6955-0.0395i	18.7353+11.7235i	-0.9602-0.3688i	-0.8342-0.2173i	3.2199+1.2642i	-0.7460-0.3441i	-0.6297-0.2311i
15.5	-0.2399-0.0710i	-0.6856-0.0555i	16.8182+9.4437i	-0.8791-0.2979i	-0.7791-0.1987i	2.9908+0.9726i	-0.6698-0.2771i	-0.5880-0.2055i
15.6	-0.2164-0.0711i	-0.6778-0.0544i	15.3619+8.2142i	-0.8139-0.2684i	-0.7695-0.1909i	2.7885+0.8360i	-0.6111-0.2500i	-0.5538-0.1953i
15.7	-0.2046-0.0699i	-0.6702-0.0494i	14.2138+7.1476i	-0.7623-0.2445i	-0.7402-0.1508i	2.6090+0.7274i	-0.5649-0.2272i	-0.5205-0.1859i
15.8	-0.1917-0.0652i	-0.6628-0.0407i	13.0443+6.0617i	-0.7095-0.2159i	-0.7124-0.1545i	2.4365+0.6038i	-0.5124-0.2021i	-0.4909-0.1723i
15.9	-0.1700-0.0638i	-0.6468-0.0194i	11.9309+5.1154i	-0.6509-0.1923i	-0.6644-0.1568i	2.2629+0.5015i	-0.4587-0.1856i	-0.4570-0.1623i
16.0	-0.1457-0.0635i	-0.6319-0.0018i	11.1097+4.4841i	-0.5985-0.1757i	-0.6333-0.1596i	2.1407+0.4246i	-0.4121-0.1742i	-0.4307-0.1539i
16.1	-0.1290-0.0641i	-0.6158+0.0243i	10.5400+3.7039i	-0.5614-0.1634i	-0.6115-0.1514i	2.0421+0.3424i	-0.3816-0.1680i	-0.4045-0.1430i
16.2	-0.1228-0.0788i	-0.6013+0.0528i	9.8532+2.8915i	-0.5293-0.1621i	-0.5991-0.1503i	1.9226+0.2469i	-0.3564-0.1677i	-0.3833-0.1375i
16.3	-0.1251-0.0844i	-0.5778+0.0900i	9.0370+1.9574i	-0.5015-0.1497i	-0.6144-0.1256i	1.7822+0.1508i	-0.3313-0.1539i	-0.3698-0.1304i
16.4	-0.1285-0.0755i	-0.5427+0.1196i	8.3510+1.3947i	-0.4837-0.1381i	-0.5720-0.1125i	1.6618+0.1226i	-0.3145-0.1444i	-0.3617-0.1197i
16.5	-0.1256-0.0691i	-0.4935+0.1527i	7.3605+0.8105i	-0.4572-0.1264i	-0.5375-0.0876i	1.5151+0.0900i	-0.2875-0.1358i	-0.3422-0.1044i
16.6	-0.1215-0.0614i	-0.4516+0.1652i	6.5637+0.6020i	-0.4381-0.1173i	-0.5202-0.0725i	1.4210+0.0945i	-0.2680-0.1311i	-0.3255-0.0954i
16.7	-0.1121-0.0553i	-0.4110+0.1734i	5.9269+0.4474i	-0.4178-0.1060i	-0.4789-0.0720i	1.3629+0.0935i	-0.2518-0.1292i	-0.3109-0.0896i
16.8	-0.1043-0.0492i	-0.3611+0.1504i	5.3001+0.4500i	-0.3927-0.0945i	-0.4359-0.0322i	1.2961+0.0938i	-0.2355-0.1263i	-0.2941-0.0752i
16.9	-0.0999-0.0505i	-0.3364+0.1438i	4.9294+0.3595i	-0.3785-0.0881i	-0.4931+0.0164i	1.2534+0.0542i	-0.2246-0.1240i	-0.2741-0.0535i
17.0	-0.0929-0.0526i	-0.3103+0.1487i	4.5023+0.2978i	-0.3614-0.0894i	-0.4663+0.0146i	1.1868+0.0314i	-0.2104-0.1251i	-0.2515-0.0493i
17.1	-0.0894-0.0484i	-0.2709+0.1373i	3.9455+0.2854i	-0.3447-0.0811i	-0.4425-0.0232i	1.0841+0.0184i	-0.1990-0.1213i	-0.2299-0.0439i
17.2	-0.0842-0.0443i	-0.2565+0.1067i	3.5700+0.5271i	-0.3278-0.0754i	-0.4114-0.0200i	1.0092+0.0618i	-0.1905-0.1188i	-0.2058-0.0401i
17.3	-0.0827-0.0431i	-0.2637+0.0936i	3.5295+0.6304i	-0.3178-0.0725i	-0.3713-0.0174i	1.0163+0.0893i	-0.1872-0.1139i	-0.1892-0.0433i
17.4	-0.0830-0.0437i	-0.2569+0.0943i	3.4634+0.6376i	-0.3112-0.0704i	-0.3574-0.0190i	1.0126+0.0801i	-0.1833-0.1106i	-0.1809-0.0438i
17.5	-0.0813-0.0411i	-0.2526+0.1005i	3.3838+0.4808i	-0.3036-0.0591i	-0.3580-0.0142i	1.0074+0.0395i	-0.1772-0.1033i	-0.1723-0.0431i
17.6	-0.0810-0.0391i	-0.2500+0.1095i	3.3430+0.4133i	-0.2933-0.0515i	-0.3443-0.0117i	0.9844+0.0091i	-0.1706-0.0986i	-0.1633-0.0459i
17.7	-0.0811-0.0327i	-0.2480+0.1297i	3.2666+0.2574i	-0.2821-0.0395i	-0.3339+0.0264i	0.9543-0.0386i	-0.1647-0.0905i	-0.1525-0.0420i
17.8	-0.0767-0.0224i	-0.2295+0.1603i	3.0839-0.0196i	-0.2688-0.0259i	-0.3062+0.0243i	0.9032-0.0866i	-0.1577-0.0795i	-0.1433-0.0397i
17.9	-0.0732-0.0158i	-0.1864+0.1894i	2.7203-0.3374i	-0.2542-0.0120i	-0.3151-0.0034i	0.8297-0.1414i	-0.1502-0.0700i	-0.1341-0.0380i
18.0	-0.0668-0.0083i	-0.1451+0.1950i	2.4698-0.4116i	-0.2382-0.0031i	-0.2809+0.0107i	0.7714-0.1523i	-0.1419-0.0630i	-0.1253-0.0370i
18.1	-0.0582-0.0057i	-0.1052+0.1673i	2.2298-0.2884i	-0.2201-0.0004i	-0.2654+0.0254i	0.7029-0.1463i	-0.1340-0.0561i	-0.1170-0.0337i
18.2	-0.0525-0.0006i	-0.0880+0.1437i	2.0308-0.2552i	-0.2052+0.0056i	-0.2404-0.0234i	0.6517-0.1563i	-0.1240-0.0476i	-0.1088-0.0272i

18.3	-0.0461+0.0017i	-0.0850+0.1212i	1.9258-0.2333i	-0.1829+0.0082i	-0.1983-0.0168i	0.5907-0.1566i	-0.1106-0.0405i	-0.0952-0.0231i
18.4	-0.0399-0.0005i	-0.0855+0.1077i	1.8461-0.2178i	-0.1642+0.0040i	-0.2413+0.0291i	0.5260-0.1576i	-0.0985-0.0372i	-0.0871-0.0191i
18.5	-0.0348-0.0083i	-0.0972+0.1059i	1.7723-0.2204i	-0.1503-0.0126i	-0.2451+0.0478i	0.4418-0.1245i	-0.0827-0.0428i	-0.0756-0.0157i
18.6	-0.0442-0.0099i	-0.1041+0.1317i	1.7041-0.3579i	-0.1577-0.0224i	-0.2600+0.0475i	0.3999-0.0558i	-0.0793-0.0477i	-0.0678-0.0180i
18.7	-0.0491+0.0011i	-0.0719+0.1483i	1.4768-0.4123i	-0.1673-0.0112i	-0.2450+0.0518i	0.4192-0.0162i	-0.0802-0.0470i	-0.0695-0.0208i
18.8	-0.0384+0.0134i	-0.0352+0.1275i	1.2958-0.2585i	-0.1560+0.0088i	-0.2145+0.0352i	0.4241-0.0161i	-0.0759-0.0387i	-0.0639-0.0163i
18.9	-0.0308+0.0215i	-0.0144+0.1132i	1.2168-0.1756i	-0.1426+0.0174i	-0.2064+0.0241i	0.3921+0.0055i	-0.0678-0.0330i	-0.0547-0.0148i
19.0	-0.0195+0.0256i	0.0009+0.1014i	1.0491-0.1809i	-0.1206+0.0202i	-0.1782+0.0398i	0.3653+0.0170i	-0.0601-0.0282i	-0.0424-0.0035i
19.1	-0.0102+0.0247i	0.0032+0.0860i	0.9970-0.1474i	-0.1083+0.0196i	-0.1508+0.0154i	0.3590+0.0299i	-0.0505-0.0261i	-0.0348-0.0024i
19.2	-0.0027+0.0246i	0.0081+0.0735i	0.8805-0.0702i	-0.0947+0.0210i	-0.1253-0.0312i	0.3502+0.0572i	-0.0422-0.0213i	-0.0269-0.0066i
19.3	0.0066+0.0258i	0.0083+0.0636i	0.7540-0.0374i	-0.0824+0.0198i	-0.0940-0.0151i	0.3363+0.0656i	-0.0349-0.0188i	-0.0105-0.0026i
19.4	0.0114+0.0274i	0.0055+0.0561i	0.7023-0.0254i	-0.0744+0.0225i	-0.0719+0.0287i	0.3356+0.0626i	-0.0301-0.0158i	0.0009-0.0024i
19.5	0.0152+0.0274i	0.0039+0.0494i	0.7020+0.0128i	-0.0657+0.0240i	-0.0567+0.0189i	0.3428+0.0595i	-0.0273-0.0149i	0.0046-0.0023i
19.6	0.0201+0.0254i	0.0049+0.0435i	0.6553+0.0948i	-0.0577+0.0246i	-0.0688+0.0103i	0.3417+0.0606i	-0.0196-0.0111i	0.0082-0.0068i
19.7	0.0240+0.0207i	0.0034+0.0370i	0.6185+0.1218i	-0.0462+0.0208i	-0.0739+0.0093i	0.3309+0.0584i	-0.0096-0.0126i	0.0051-0.0104i
19.8	0.0286+0.0180i	0.0053+0.0259i	0.5914+0.1496i	-0.0364+0.0184i	-0.0547-0.0110i	0.3147+0.0543i	0.0002-0.0152i	0.0124-0.0113i
19.9	0.0331+0.0176i	0.0070+0.0252i	0.6551+0.1595i	-0.0291+0.0163i	-0.0342-0.0022i	0.2987+0.0450i	0.0016-0.0113i	0.0250-0.0078i
20.0	0.0367+0.0155i	0.0034+0.0241i	0.5901+0.1677i	-0.0203+0.0181i	0.0111+0.0194i	0.2757+0.0470i	0.0060-0.0093i	0.0316-0.0135i
20.1	0.0390+0.0156i	-0.0009+0.0288i	0.5702+0.1595i	-0.0095+0.0162i	-0.0241-0.0181i	0.2603+0.0410i	0.0126-0.0100i	0.0359-0.0082i
20.2	0.0356+0.0179i	-0.0125+0.0358i	0.5801+0.2091i	-0.0016+0.0123i	-0.0241-0.0142i	0.2460+0.0515i	0.0151-0.0097i	0.0270-0.0012i
20.3	0.0386+0.0171i	-0.0113+0.0361i	0.5589+0.2349i	0.0037+0.0091i	0.0245-0.0091i	0.2373+0.0732i	0.0187-0.0092i	0.0327-0.0031i
20.4	0.0418+0.0200i	-0.0082+0.0403i	0.5303+0.2168i	0.0129+0.0039i	0.0522-0.0104i	0.2230+0.0886i	0.0246-0.0076i	0.0446+0.0040i
20.5	0.0421+0.0218i	-0.0138+0.0469i	0.4953+0.2133i	0.0235+0.0012i	0.0615-0.0227i	0.2105+0.0921i	0.0288-0.0070i	0.0421+0.0112i
20.6	0.0396+0.0173i	-0.0217+0.0466i	0.5131+0.2393i	0.0313-0.0037i	-0.0032+0.0141i	0.2072+0.0894i	0.0295-0.0079i	0.0337+0.0105i
20.7	0.0400+0.0101i	-0.0251+0.0378i	0.4709+0.1928i	0.0396-0.0054i	0.0553+0.0479i	0.1905+0.0972i	0.0321-0.0096i	0.0461-0.0049i
20.8	0.0394+0.0086i	-0.0294+0.0361i	0.4322+0.1813i	0.0439-0.0079i	0.0885-0.0285i	0.1762+0.1078i	0.0336-0.0109i	0.0487-0.0189i
20.9	0.0411+0.0173i	-0.0221+0.0599i	0.4196+0.1985i	0.0463-0.0175i	0.0489-0.0379i	0.1663+0.1206i	0.0377-0.0056i	0.0561+0.0096i
21.0	0.0327+0.0344i	-0.0392+0.1077i	0.3954+0.2925i	0.0563-0.0326i	0.1075-0.0871i	0.1607+0.1386i	0.0379+0.0032i	0.0357+0.0552i
21.1	0.0331+0.0356i	-0.0417+0.1062i	0.3451+0.2937i	0.0618-0.0348i	0.0999-0.1019i	0.1477+0.1428i	0.0385+0.0052i	0.0383+0.0489i
21.2	0.0379+0.0358i	-0.0307+0.1007i	0.3253+0.3223i	0.0615-0.0343i	0.1047-0.1057i	0.1472+0.1556i	0.0424+0.0053i	0.0633+0.0440i
21.3	0.0429+0.0490i	-0.0122+0.1262i	0.3463+0.3588i	0.0567-0.0408i	0.1142-0.1496i	0.1416+0.1819i	0.0494+0.0109i	0.0850+0.0657i
21.4	0.0567+0.0507i	0.0146+0.1374i	0.3825+0.3889i	0.0500-0.0492i	0.1207-0.1690i	0.1381+0.1821i	0.0574+0.0098i	0.1150+0.0786i
21.5	0.0630+0.0559i	0.0186+0.1431i	0.3532+0.3904i	0.0553-0.0509i	0.1644-0.1597i	0.1551+0.1863i	0.0575+0.0153i	0.1252+0.0792i
21.6	0.0654+0.0569i	0.0210+0.1442i	0.3326+0.3817i	0.0594-0.0501i	0.1646-0.1786i	0.1566+0.1956i	0.0582+0.0170i	0.1383+0.0656i
21.7	0.0804+0.0537i	0.0517+0.1328i	0.3407+0.3424i	0.0571-0.0437i	0.1951-0.1881i	0.1496+0.1887i	0.0680+0.0148i	0.1845+0.0576i
21.8	0.0893+0.0580i	0.0640+0.1390i	0.3528+0.3250i	0.0579-0.0438i	0.2274-0.1853i	0.1594+0.1811i	0.0730+0.0216i	0.2073+0.0586i
21.9	0.0961+0.0603i	0.0735+0.1436i	0.3650+0.3383i	0.0607-0.0451i	0.1628-0.1930i	0.1726+0.1694i	0.0747+0.0271i	0.2203+0.0592i
22.0	0.1009+0.0578i	0.0743+0.1344i	0.3647+0.3374i	0.0668-0.0421i	0.2240-0.1680i	0.1612+0.1610i	0.0716+0.0281i	0.2428+0.0419i
22.1	0.1030+0.0545i	0.0697+0.1383i	0.2954+0.3890i	0.0789-0.0492i	0.3225-0.2093i	0.1341+0.1684i	0.0770+0.0343i	0.2582+0.0198i
22.2	0.1089+0.0571i	0.0763+0.1533i	0.2483+0.4150i	0.0856-0.0589i	0.3205-0.2831i	0.1187+0.1808i	0.0819+0.0408i	0.2783-0.0036i
22.3	0.1156+0.0615i	0.0921+0.1624i	0.2470+0.4176i	0.0843-0.0615i	0.2563-0.3403i	0.1194+0.1838i	0.0852+0.0473i	0.2951-0.0116i
22.4	0.1253+0.0589i	0.1069+0.1673i	0.2552+0.4588i	0.0827-0.0724i	0.2447-0.4789i	0.1269+0.1813i	0.0957+0.0525i	0.3025-0.0384i
22.5	0.1277+0.0601i	0.1017+0.1818i	0.2378+0.5374i	0.0881-0.0853i	0.2702-0.5675i	0.1414+0.2315i	0.0970+0.0579i	0.3074-0.0805i
22.6	0.1271+0.0614i	0.1004+0.2071i	0.2241+0.5911i	0.0953-0.1013i	0.3045-0.6794i	0.1191+0.2738i	0.0997+0.0697i	0.3224-0.1390i
22.7	0.1322+0.0610i	0.1140+0.2257i	0.2269+0.6478i	0.0906-0.1131i	0.2429-0.7801i	0.1211+0.2945i	0.1077+0.0784i	0.3145-0.1870i
22.8	0.1384+0.0598i	0.1430+0.2386i	0.3519+0.7183i	0.0724-0.1224i	0.1291-0.8505i	0.1689+0.2944i	0.1163+0.0821i	0.2800-0.2097i
22.9	0.1485+0.0617i	0.1912+0.2440i	0.4836+0.7310i	0.0477-0.1222i	-0.0467-0.8576i	0.2214+0.2807i	0.1338+0.0823i	0.2343-0.2201i
23.0	0.1556+0.0612i	0.2393+0.2294i	0.5901+0.7337i	0.0228-0.1141i	-0.2100-0.8059i	0.2584+0.2757i	0.1536+0.0796i	0.1743-0.2076i
23.1	0.1593+0.0592i	0.2668+0.2243i	0.6631+0.7089i	0.0106-0.1104i	-0.3162-0.8827i	0.2646+0.2752i	0.1673+0.0844i	0.1334-0.2289i
23.2	0.1630+0.0591i	0.2832+0.2194i	0.7121+0.6464i	0.0053-0.1000i	-0.3973-0.8455i	0.2735+0.2472i	0.1763+0.0827i	0.1102-0.2281i
23.3	0.1687+0.0594i	0.3179+0.2061i	0.7627+0.5430i	-0.0026-0.0840i	-0.5134-0.7725i	0.2867+0.1951i	0.1862+0.0799i	0.0708-0.2129i
23.4	0.1784+0.0559i	0.3358+0.1672i	0.7168+0.4193i	-0.0001-0.0596i	-0.5609-0.6104i	0.2839+0.1302i	0.1952+0.0721i	0.0587-0.1579i
23.5	0.1814+0.0528i	0.3473+0.1501i	0.7338+0.3657i	-0.0003-0.0478i	-0.6011-0.5536i	0.2879+0.0921i	0.2002+0.0667i	0.0423-0.1367i
23.6	0.1836+0.0539i	0.3565+0.1380i	0.7464+0.2749i	0.0052-0.0364i	-0.6056-0.4816i	0.2398+0.0581i	0.2060+0.0671i	0.0473-0.1178i
23.7	0.1913+0.0544i	0.3636+0.1243i	0.6685+0.2644i	0.0154-0.0281i	-0.6043-0.4371i	0.2008+0.0858i	0.2100+0.0650i	0.0621-0.1101i
23.8	0.1970+0.0490i	0.3722+0.1059i	0.6585+0.2830i	0.0178-0.0198i	-0.6032-0.3809i	0.2068+0.0680i	0.2148+0.0608i	0.0509-0.0985i
23.9	0.2036+0.0434i	0.3770+0.0725i	0.5898+0.2661i	0.0315-0.0129i	-0.5565-0.3974i	0.1627+0.0564i	0.2217+0.0583i	0.0658-0.0726i
24.0	0.2066+0.0432i	0.3786+0.0645i	0.5183+0.2439i	0.0402-0.0103i	-0.5236-0.3506i	0.1169+0.0524i	0.2255+0.0588i	0.0665-0.0732i
24.1	0.2114+0.0415i	0.3801+0.0463i	0.4897+0.2066i	0.0493-0.0035i	-0.5092-0.2489i	0.0831+0.0494i	0.2301+0.0570i	0.0753-0.0530i
24.2	0.2204+0.0398i	0.3947+0.0264i	0.4757+0.1719i	0.0568+0.0060i	-0.5404-0.2172i	0.0938+0.0348i	0.2372+0.0585i	0.0776-0.0324i
24.3	0.2231+0.0355i	0.3879+0.0097i	0.4685+0.1966i	0.0645+0.0105i	-0.4924-0.1892i	0.0799+0.0377i	0.2404+0.0558i	0.0847-0.0346i
24.4	0.2276+0.0357i	0.3982+0.0025i	0.4424+0.2028i	0.0688+0.0115i	-0.5355-0.1643i	0.0623+0.0550i	0.2439+0.0547i	0.0844-0.0208i
24.5	0.2256+0.0370i	0.3883-0.0066i	0.3912+0.2144i	0.0777+0.0095i	-0.5169-0.1225i	0.0350+0.0775i	0.2464+0.0524i	0.0958-0.0145i

24.6	0.2309+0.0333i	0.3805-0.0149i	0.3495+0.2323i	0.0865+0.0071i	-0.4989-0.1572i	0.0001+0.0897i	0.2525+0.0506i	0.0955-0.0161i
24.7	0.2346+0.0335i	0.3810-0.0206i	0.3193+0.2812i	0.0928+0.0077i	-0.4604-0.1461i	-0.0060+0.1067i	0.2586+0.0495i	0.1020-0.0076i
24.8	0.2378+0.0320i	0.3826-0.0286i	0.2770+0.2959i	0.1002+0.0088i	-0.4414-0.1223i	-0.0288+0.1076i	0.2657+0.0502i	0.1040+0.0047i
24.9	0.2464+0.0326i	0.3913-0.0345i	0.2239+0.2842i	0.1074+0.0120i	-0.4081-0.1057i	-0.0394+0.1056i	0.2708+0.0545i	0.1146+0.0152i
25.0	0.2487+0.0307i	0.3869-0.0480i	0.1971+0.2921i	0.1164+0.0119i	-0.3604-0.0470i	-0.0504+0.1283i	0.2739+0.0512i	0.1144+0.0132i
25.1	0.2540+0.0238i	0.3807-0.0669i	0.2121+0.2959i	0.1233+0.0117i	-0.4149-0.0813i	-0.0738+0.1312i	0.2810+0.0463i	0.1189+0.0169i
25.2	0.2597+0.0260i	0.3837-0.0727i	0.1548+0.3711i	0.1323+0.0110i	-0.4187-0.0665i	-0.1019+0.1510i	0.2874+0.0473i	0.1230+0.0215i
25.3	0.2660+0.0241i	0.3893-0.0803i	0.1116+0.4019i	0.1385+0.0103i	-0.4191-0.0633i	-0.1232+0.1608i	0.2929+0.0489i	0.1258+0.0166i
25.4	0.2740+0.0221i	0.3949-0.0962i	0.0637+0.4224i	0.1451+0.0071i	-0.3792-0.0309i	-0.1301+0.1718i	0.2972+0.0491i	0.1219+0.0319i
25.5	0.2800+0.0178i	0.3884-0.1102i	0.0128+0.5205i	0.1512+0.0056i	-0.3597-0.0138i	-0.1457+0.1981i	0.3049+0.0453i	0.1340+0.0436i
25.6	0.2821+0.0205i	0.3822-0.1163i	-0.0278+0.5453i	0.1609+0.0027i	-0.3719-0.0241i	-0.1662+0.2424i	0.3114+0.0427i	0.1374+0.0541i
25.7	0.2853+0.0198i	0.3741-0.1323i	-0.0887+0.6456i	0.1693-0.0020i	-0.3947-0.0579i	-0.1963+0.2766i	0.3160+0.0417i	0.1301+0.0662i
25.8	0.2895+0.0128i	0.3583-0.1434i	-0.0360+0.7172i	0.1734-0.0064i	-0.3580-0.0186i	-0.1926+0.2870i	0.3185+0.0390i	0.1411+0.0769i
25.9	0.2932+0.0105i	0.3499-0.1478i	-0.0200+0.7333i	0.1785-0.0088i	-0.3576+0.0295i	-0.2209+0.2950i	0.3225+0.0427i	0.1409+0.0892i
26.0	0.2969+0.0080i	0.3378-0.1498i	-0.0778+0.8352i	0.1824-0.0125i	-0.3511+0.0507i	-0.2421+0.3218i	0.3261+0.0433i	0.1475+0.1124i
26.1	0.3003+0.0117i	0.3258-0.1478i	-0.0914+0.9329i	0.1877-0.0138i	-0.3660+0.0809i	-0.2614+0.3647i	0.3293+0.0440i	0.1501+0.1241i
26.2	0.3080+0.0118i	0.3086-0.1463i	-0.1121+1.0614i	0.1955-0.0175i	-0.3808+0.0917i	-0.2675+0.4215i	0.3375+0.0456i	0.1656+0.1437i
26.3	0.3183+0.0146i	0.2999-0.1482i	-0.1158+1.1829i	0.2036-0.0213i	-0.3199+0.0836i	-0.2703+0.4865i	0.3444+0.0487i	0.1829+0.1753i
26.4	0.3275+0.0142i	0.2905-0.1499i	-0.0837+1.2949i	0.2106-0.0234i	-0.2983+0.0968i	-0.2556+0.5308i	0.3503+0.0534i	0.1991+0.1987i
26.5	0.3417+0.0117i	0.2758-0.1388i	-0.0769+1.4305i	0.2203-0.0322i	-0.2763+0.1181i	-0.2437+0.5973i	0.3604+0.0570i	0.2299+0.2191i
26.6	0.3471+0.0049i	0.2571-0.1268i	0.0345+1.5244i	0.2232-0.0406i	-0.2548+0.1166i	-0.2311+0.6464i	0.3633+0.0562i	0.2585+0.2335i
26.7	0.3542+0.0025i	0.2430-0.1040i	-0.0024+1.6409i	0.2290-0.0492i	-0.2079+0.1063i	-0.2185+0.7015i	0.3723+0.0583i	0.2827+0.2604i
26.8	0.3641-0.0027i	0.2468-0.0832i	0.0295+1.8100i	0.2334-0.0622i	-0.1661+0.1137i	-0.1643+0.7643i	0.3832+0.0569i	0.3245+0.2744i
26.9	0.3725-0.0079i	0.2448-0.0595i	0.1058+1.9764i	0.2346-0.0714i	-0.1634+0.0955i	-0.1080+0.8183i	0.3873+0.0600i	0.3610+0.2755i
27.0	0.3845-0.0167i	0.2552-0.0377i	0.1828+2.1468i	0.2305-0.0823i	-0.1145+0.0619i	-0.0426+0.8671i	0.3966+0.0634i	0.4164+0.2733i
27.1	0.3984-0.0257i	0.2687-0.0089i	0.2472+2.3937i	0.2308-0.0949i	-0.0645+0.0262i	0.0191+0.8989i	0.4083+0.0713i	0.4602+0.2758i
27.2	0.4053-0.0408i	0.2949+0.0231i	0.5293+2.6910i	0.2261-0.1066i	-0.0348-0.0421i	0.1214+0.9317i	0.4219+0.0793i	0.4991+0.2785i
27.3	0.4012-0.0593i	0.3191+0.0350i	0.8797+2.8554i	0.2151-0.1161i	-0.0561-0.1093i	0.1955+0.9225i	0.4374+0.0783i	0.5346+0.2595i
27.4	0.3948-0.0743i	0.3382+0.0512i	1.2411+2.9633i	0.2032-0.1208i	-0.0926-0.1859i	0.2608+0.8915i	0.4525+0.0735i	0.5679+0.2185i
27.5	0.3861-0.0813i	0.3639+0.0772i	1.6948+2.9960i	0.1884-0.1268i	-0.1479-0.2320i	0.3453+0.8846i	0.4665+0.0742i	0.5999+0.1922i
27.6	0.3807-0.0816i	0.3982+0.0861i	2.0295+2.9275i	0.1714-0.1216i	-0.1546-0.2302i	0.4424+0.8357i	0.4794+0.0754i	0.6285+0.1705i
27.7	0.3771-0.0822i	0.4468+0.0776i	2.4085+2.7042i	0.1561-0.1122i	-0.1662-0.1982i	0.5242+0.7609i	0.4954+0.0690i	0.6613+0.1429i
27.8	0.3696-0.0822i	0.4802+0.0720i	2.7512+2.4543i	0.1484-0.1001i	-0.2254-0.2210i	0.5545+0.6761i	0.5103+0.0634i	0.6679+0.1137i
27.9	0.3662-0.0737i	0.5145+0.0582i	2.9666+2.1002i	0.1434-0.0826i	-0.3092-0.2391i	0.5675+0.5827i	0.5277+0.0550i	0.6799+0.0838i
28.0	0.3711-0.0635i	0.5442+0.0495i	3.0750+1.7669i	0.1454-0.0749i	-0.3355-0.1675i	0.5582+0.5342i	0.5363+0.0491i	0.6881+0.0706i
28.1	0.3820-0.0533i	0.5689+0.0366i	3.0769+1.6080i	0.1471-0.0630i	-0.3096-0.1695i	0.5427+0.4955i	0.5479+0.0468i	0.7126+0.0605i
28.2	0.3897-0.0479i	0.5922+0.0187i	3.0232+1.3886i	0.1480-0.0522i	-0.3004-0.1442i	0.5434+0.4318i	0.5543+0.0433i	0.7141+0.0396i
28.3	0.3981-0.0426i	0.6211+0.0055i	3.1094+1.1959i	0.1517-0.0449i	-0.3669-0.1223i	0.5346+0.3984i	0.5639+0.0365i	0.7255+0.0295i
28.4	0.4138-0.0379i	0.6534-0.0105i	3.1162+1.0317i	0.1595-0.0293i	-0.3629-0.1215i	0.5101+0.3437i	0.5770+0.0378i	0.7480+0.0250i
28.5	0.4262-0.0389i	0.6815-0.0283i	3.1247+0.8574i	0.1683-0.0235i	-0.3428-0.1053i	0.4920+0.3060i	0.5900+0.0357i	0.7748+0.0180i
28.6	0.4461-0.0369i	0.7114-0.0383i	3.1213+0.9001i	0.1773-0.0185i	-0.3190-0.1079i	0.4761+0.2901i	0.6078+0.0326i	0.8038+0.0003i
28.7	0.4577-0.0389i	0.7310-0.0604i	2.9999+0.8036i	0.1842-0.0113i	-0.2656-0.0585i	0.4428+0.2529i	0.6206+0.0292i	0.8158-0.0117i
28.8	0.4712-0.0449i	0.7525-0.0861i	3.0355+0.7020i	0.1925-0.0076i	-0.3282-0.0821i	0.4141+0.2235i	0.6364+0.0218i	0.8275-0.0265i
28.9	0.4845-0.0434i	0.7788-0.0995i	2.9413+0.6099i	0.2009+0.0000i	-0.3750-0.1056i	0.3792+0.2057i	0.6497+0.0190i	0.8527-0.0491i
29.0	0.5008-0.0538i	0.8086-0.1177i	3.0048+0.5760i	0.2050+0.0025i	-0.3351-0.0808i	0.3560+0.1672i	0.6666+0.0184i	0.8889-0.0598i
29.1	0.5089-0.0595i	0.8312-0.1391i	3.0099+0.4774i	0.2120+0.0010i	-0.3174-0.0231i	0.3223+0.1473i	0.6848+0.0155i	0.9134-0.0635i
29.2	0.5180-0.0658i	0.8468-0.1636i	2.8992+0.4534i	0.2217+0.0045i	-0.2852-0.0673i	0.2785+0.1523i	0.6983+0.0097i	0.9329-0.0906i
29.3	0.5371-0.0709i	0.8803-0.1866i	2.8724+0.4026i	0.2293+0.0073i	-0.3201-0.1304i	0.2419+0.1292i	0.7208+0.0032i	0.9807-0.1063i
29.4	0.5576-0.0743i	0.9194-0.2008i	2.9314+0.3071i	0.2387+0.0093i	-0.3934-0.1156i	0.2452+0.1257i	0.7391-0.0067i	0.9982-0.1336i
29.5	0.5713-0.0792i	0.9563-0.2247i	2.8886+0.2586i	0.2393+0.0142i	-0.3784-0.0728i	0.2111+0.1301i	0.7649-0.0119i	1.0565-0.1601i
29.6	0.5699-0.0945i	0.9770-0.2717i	2.7995+0.1221i	0.2376+0.0109i	-0.3409-0.0686i	0.1286+0.1114i	0.7812-0.0200i	1.0927-0.1839i
29.7	0.5753-0.1054i	1.0148-0.3062i	2.8063+0.1586i	0.2389+0.0151i	-0.3442-0.0634i	0.0556+0.0944i	0.8018-0.0293i	1.1271-0.2181i
29.8	0.5937-0.1121i	1.0695-0.3309i	2.8414+0.2117i	0.2460+0.0132i	-0.3529-0.0508i	0.0085+0.1099i	0.8264-0.0385i	1.1706-0.2544i
29.9	0.6073-0.1169i	1.1076-0.3522i	2.7603+0.1709i	0.2474+0.0164i	-0.3614-0.0691i	-0.0116+0.1160i	0.8427-0.0456i	1.2086-0.2714i
30.0	0.6229-0.1292i	1.1539-0.4070i	2.7244+0.2978i	0.2478+0.0205i	-0.3565-0.0436i	-0.0269+0.1135i	0.8652-0.0574i	1.2546-0.3044i
30.1	0.6299-0.1436i	1.2117-0.4775i	2.8149+0.2486i	0.2369+0.0236i	-0.3782-0.0573i	-0.0965+0.1258i	0.8936-0.0731i	1.3227-0.3546i
30.2	0.6369-0.1603i	1.2650-0.5398i	2.8648+0.1710i	0.2277+0.0338i	-0.3916-0.0746i	-0.1488+0.1035i	0.9146-0.0853i	1.3860-0.3899i
30.3	0.6436-0.1639i	1.3028-0.6242i	2.7924+0.0970i	0.2216+0.0574i	-0.3879-0.0365i	-0.2382+0.1157i	0.9379-0.0998i	1.4803-0.4714i
30.4	0.6439-0.1744i	1.3387-0.7150i	2.8984+0.3384i	0.2303+0.0811i	-0.3864-0.0117i	-0.4050+0.1532i	0.9696-0.1140i	1.5573-0.5913i
30.5	0.6562-0.1856i	1.3856-0.8098i	3.0695+0.4506i	0.2373+0.1007i	-0.3638-0.0710i	-0.5380+0.2095i	1.0161-0.1265i	1.6371-0.7309i
30.6	0.6663-0.1881i	1.4060-0.8805i	3.1052+0.3546i	0.2452+0.1153i	-0.3980-0.1259i	-0.6128+0.3272i	1.0493-0.1530i	1.6635-0.8512i
30.7	0.6746-0.1827i	1.4158-0.9833i	2.8976+0.5219i	0.2471+0.1416i	-0.3925-0.1170i	-0.6618+0.4811i	1.0770-0.1837i	1.6451-0.9766i
30.8	0.6874-0.1875i	1.4493-1.1165i	2.9427+0.7336i	0.2495+0.1840i	-0.3979-0.1686i	-0.7086+0.6173i	1.1090-0.2236i	1.6755-1.1566i

30.9	0.7050−0.1960i	1.4800−1.2566i	3.1667+0.6946i	0.2534+0.2082i	−0.4703−0.1329i	−0.7211+0.7565i	1.1369−0.2692i	1.6889−1.3031i
31.0	0.7178−0.2072i	1.4869−1.4087i	3.3575+0.7473i	0.2703+0.2439i	−0.5306−0.0929i	−0.7552+0.8881i	1.1645−0.3216i	1.6856−1.4681i
31.1	0.7343−0.2146i	1.4888−1.6009i	3.4461+0.9239i	0.2906+0.2950i	−0.5776−0.0507i	−0.7642+1.0345i	1.1873−0.3688i	1.6787−1.6750i
31.2	0.7521−0.2214i	1.4841−1.7729i	3.5209+1.0133i	0.3106+0.3475i	−0.5776−0.0444i	−0.7518+1.1844i	1.2058−0.4222i	1.6404−1.9024i
31.3	0.7653−0.2128i	1.4736−1.8952i	3.6341+1.3706i	0.3367+0.3905i	−0.6182−0.0321i	−0.7924+1.3472i	1.2162−0.4571i	1.5744−2.0738i
31.4	0.7881−0.2212i	1.3661−2.0638i	3.9519+1.3848i	0.3962+0.4376i	−0.6771−0.0372i	−0.7182+1.5128i	1.2134−0.5172i	1.4090−2.2831i
31.5	0.8098−0.2348i	1.2568−2.2977i	4.2586+1.3787i	0.4701+0.4963i	−0.7273−0.0152i	−0.6381+1.7283i	1.2068−0.5828i	1.1840−2.5142i
31.6	0.8384−0.2381i	1.1552−2.4742i	4.6875+1.5276i	0.5361+0.5407i	−0.8484+0.0259i	−0.5669+1.9325i	1.2125−0.6228i	1.0245−2.6578i
31.7	0.8684−0.2432i	0.9800−2.6635i	5.0708+1.5493i	0.6508+0.5678i	−0.8984+0.1288i	−0.4265+2.1404i	1.1750−0.6663i	0.6622−2.7814i
31.8	0.9068−0.2644i	0.8344−2.8393i	5.5907+1.4714i	0.7489+0.5855i	−0.8938+0.2268i	−0.2954+2.3399i	1.1687−0.7246i	0.4046−2.9066i
31.9	0.9471−0.2722i	0.6514−3.0111i	6.0990+1.4744i	0.8395+0.6081i	−0.8284+0.2843i	−0.1325+2.5533i	1.1705−0.7636i	0.2005−2.9921i
32.0	0.9575−0.2611i	0.3872−3.0336i	5.8014+1.4143i	0.9315+0.5652i	−0.7892+0.3388i	0.0963+2.6612i	1.1314−0.7296i	−0.0708−2.7848i
32.1	1.0119−0.2653i	0.1324−3.1632i	6.3629+1.4104i	1.0384+0.5287i	−0.8849+0.5132i	0.4404+2.9008i	1.1206−0.7252i	−0.3761−2.6535i
32.2	1.0757−0.3104i	−0.1028−3.3656i	7.4362+1.2478i	1.1618+0.5172i	−0.9964+0.7031i	0.7897+3.1310i	1.1166−0.7848i	−0.7117−2.7175i
32.3	1.1153−0.3488i	−0.3970−3.4100i	7.9924+0.9754i	1.2429+0.5026i	−0.9535+0.8168i	1.1602+3.1029i	1.1162−0.8267i	−0.8963−2.6730i
32.4	1.1770−0.3981i	−0.7390−3.5777i	9.1133+1.0048i	1.3517+0.5025i	−0.8571+0.9460i	1.6026+3.1533i	1.1485−0.8783i	−1.0777−2.6500i
32.5	1.2103−0.4512i	−1.1556−3.5077i	9.6713+0.2661i	1.4729+0.4427i	−0.7137+1.0533i	2.0077+2.9434i	1.1385−0.9075i	−1.3000−2.4323i
32.6	1.2404−0.4953i	−1.4515−3.4667i	10.3068−0.1390i	1.5904+0.3723i	−0.6178+1.1356i	2.2352+2.8368i	1.1357−0.9219i	−1.5137−2.2034i
32.7	1.2772−0.5106i	−1.6737−3.2149i	10.1704−0.3602i	1.7052+0.2840i	−0.5333+1.1210i	2.3306+2.5928i	1.1230−0.8904i	−1.6443−1.8957i
32.8	1.3219−0.5707i	−2.0393−3.0281i	10.7887−1.3818i	1.8206+0.1913i	−0.3436+1.1467i	2.6369+2.3956i	1.1315−0.9322i	−1.7170−1.7305i
32.9	1.3790−0.6228i	−2.3170−2.9850i	11.6909−1.7014i	1.9281+0.0893i	−0.2471+1.2146i	2.9024+2.3817i	1.1777−0.9362i	−1.7560−1.4821i
33.0	1.4333−0.6661i	−2.5096−2.7334i	11.8715−2.1440i	2.0324−0.0588i	−0.1865+1.2254i	3.0448+2.2142i	1.2246−0.9110i	−1.7732−1.1611i
33.1	1.4933−0.7455i	−2.8474−2.5171i	12.8312−3.2494i	2.1400−0.2113i	−0.0029+1.2330i	3.3928+2.0457i	1.2710−0.9692i	−1.7977−0.9819i
33.2	1.5115−0.8555i	−3.1658−1.9682i	12.7057−5.4877i	2.1701−0.4685i	0.2463+1.0637i	3.7604+1.6134i	1.2877−1.0428i	−1.6717−0.6650i
33.3	1.5720−0.9076i	−3.2348−1.6613i	12.6995−6.2848i	2.1775−0.6166i	0.3492+1.0615i	3.9670+1.3774i	1.3688−1.0598i	−1.4817−0.4568i
33.4	1.6161−0.9660i	−3.1642−1.2425i	11.5489−7.4946i	2.1270−0.7337i	0.3730+0.9374i	4.0724+0.9070i	1.4345−1.1054i	−1.2162−0.3649i
33.5	1.7242−1.0979i	−3.2834−0.9015i	12.1090−9.0962i	2.1476−0.8937i	0.3899+0.8094i	4.4852+0.5126i	1.5637−1.2467i	−0.9891−0.3494i
33.6	1.8394−1.2711i	−3.2447−0.6614i	12.4292−10.0950i	2.1863−1.0630i	0.4394+0.7462i	4.7066+0.1471i	1.6865−1.4332i	−0.8019−0.4272i
33.7	1.8551−1.4919i	−3.0205−0.2714i	10.7796−11.9191i	2.1453−1.2907i	0.4165+0.6151i	4.5472−0.4887i	1.6696−1.6285i	−0.7274−0.4226i
33.8	1.8392−1.6558i	−2.6939−0.0371i	8.5030−12.2638i	2.0948−1.4125i	0.2904+0.4403i	4.1160−0.9561i	1.6428−1.7726i	−0.6615−0.5108i
33.9	1.8584−1.8239i	−2.3320−0.0458i	6.3991−11.1077i	2.0595−1.5423i	0.1944+0.4680i	3.7203−1.0003i	1.6690−1.9057i	−0.5652−0.5945i
34.0	1.9968−2.0985i	−2.3019−0.2876i	7.3697−9.8594i	2.1041−1.8101i	0.1877+0.6410i	4.1000−0.6496i	1.8370−2.1793i	−0.4204−0.6501i
34.1	1.9934−2.5035i	−2.5160−0.4383i	9.0856−9.9053i	1.9957−2.1408i	0.2954+0.7868i	4.8982−0.7619i	1.8620−2.5920i	−0.2745−0.7580i
34.2	1.9148−2.9367i	−2.7801−0.4017i	10.3667−10.7832i	1.8248−2.4092i	0.3649+0.8660i	5.7106−1.5058i	1.7895−3.0583i	−0.1557−1.0006i
34.3	1.5164−3.5955i	−3.1582−0.0478i	11.3174−13.7521i	1.4011−2.7264i	0.4867+0.8794i	6.3991−3.5265i	1.3810−3.7872i	−0.1256−1.5401i
34.4	0.7741−4.2629i	−3.4964+0.6124i	11.0673−18.8295i	0.8828−2.9609i	0.7703+0.7636i	6.0672−6.3553i	0.5316−4.5323i	−0.5659−2.2413i
34.5	−0.2402−4.3146i	−3.4242+1.2147i	8.7619−22.1122i	0.3741−2.7695i	0.9296+0.5667i	3.8535−8.2626i	−0.6446−4.6276i	−1.4449−2.6259i
34.6	−1.0632−4.0901i	−3.2460+1.6363i	6.0845−23.7488i	0.0918−2.5017i	1.1550+0.4262i	1.3485−9.0218i	−1.6480−4.3699i	−2.4049−2.6691i
34.7	−1.8346−3.1395i	−2.6107+2.0866i	0.7487−23.2158i	−0.0839−2.0407i	1.1452+0.1063i	−2.0141−7.7729i	−2.5714−3.1915i	−3.4154−1.7415i
34.8	−2.0440−2.3593i	−2.1229+2.3429i	−2.9071−22.4305i	−0.0959−1.8658i	0.9219−0.0911i	−3.4739−5.8720i	−2.7892−2.1399i	−3.7039−0.5691i
34.9	−1.8792−1.8303i	−1.7706+2.3416i	−4.4246−20.7493i	−0.0293−1.7439i	0.7838−0.1621i	−3.6010−4.3100i	−2.5330−1.4544i	−3.4693+0.1713i
35.0	−1.7459−1.3927i	−1.4238+2.4295i	−5.8915−19.6859i	−0.0138−1.7098i	0.7135−0.2216i	−3.6618−2.9153i	−2.3019−0.8533i	−3.1854+0.9092i
35.1	−1.4702−1.0923i	−1.0416+2.3651i	−7.2382−18.1113i	−0.0412−1.6381i	0.6323−0.3033i	−3.1367−2.0135i	−1.8593−0.4907i	−2.5763+1.3063i
35.2	−1.2190−0.8423i	−0.6250+2.2516i	−8.5971−16.2069i	−0.0893−1.5436i	0.4951−0.3670i	−2.7077−1.3331i	−1.4384−0.2057i	−1.9534+1.5825i
35.3	−1.0326−0.7058i	−0.3090+2.1741i	−9.7193−15.0720i	−0.1448−1.4818i	0.3784−0.4258i	−2.3689−1.0075i	−1.1205−0.0531i	−1.4466+1.7288i
35.4	−0.8575−0.6355i	−0.1059+1.9838i	−10.0637−13.7814i	−0.1601−1.3900i	0.2814−0.4439i	−2.0688−0.8182i	−0.8389−0.0240i	−1.0518+1.6529i
35.5	−0.6420−0.6237i	0.0449+1.7063i	−9.8337−12.1331i	−0.1162−1.2785i	0.1968−0.3476i	−1.7538−0.7307i	−0.5538−0.0929i	−0.7245+1.4147i
35.6	−0.5252−0.5757i	0.2275+1.5530i	−10.3573−10.9802i	−0.1204−1.1955i	0.1032−0.2888i	−1.6741−0.5945i	−0.3759−0.0945i	−0.4657+1.3218i
35.7	−0.3781−0.5440i	0.3326+1.2775i	−10.3832−9.3007i	−0.0696−1.0707i	0.0301−0.2842i	−1.5559−0.4724i	−0.1830−0.1412i	−0.2670+1.0918i
35.8	−0.2522−0.5967i	0.3036+1.0766i	−9.7305−8.3162i	0.0176−1.0147i	−0.0140−0.2314i	−1.4405−0.4814i	−0.0483−0.2476i	−0.1901+0.8690i
35.9	−0.1234−0.6204i	0.3207+0.9017i	−9.3347−7.2443i	0.1122−0.9847i	−0.0252−0.1527i	−1.4065−0.3415i	0.0817−0.3157i	−0.1265+0.7431i
36.0	−0.0433−0.6422i	0.2868+0.8092i	−9.0178−6.9125i	0.1856−0.9734i	−0.0173−0.1218i	−1.3753−0.2720i	0.1569−0.3693i	−0.1202+0.6514i
36.1	0.0339−0.6515i	0.3005+0.6641i	−8.9137−6.0937i	0.2501−0.9291i	−0.0191−0.0804i	−1.3601−0.1792i	0.2368−0.4164i	−0.0839+0.5220i
36.2	0.1245−0.7473i	0.2208+0.5689i	−8.1904−5.6570i	0.3540−0.9854i	−0.0294−0.0621i	−1.2864−0.1024i	0.3104−0.5200i	−0.1123+0.4392i
36.3	0.1845−0.8089i	0.1919+0.5085i	−7.9134−5.4495i	0.4102−1.0213i	−0.0519−0.0490i	−1.2399−0.0287i	0.3602−0.5886i	−0.1189+0.3936i
36.4	0.2692−0.8406i	0.1791+0.3900i	−7.7505−4.7689i	0.4995−1.0157i	−0.0947+0.0145i	−1.2354+0.0996i	0.4366−0.6519i	−0.1255+0.2941i
36.5	0.3317−0.9304i	0.1109+0.3277i	−7.2184−4.4609i	0.5788−1.0815i	−0.0768+0.0539i	−1.1636+0.1990i	0.4778−0.7440i	−0.1573+0.2482i
36.6	0.3376−1.0455i	0.0753+0.3167i	−6.9870−4.6033i	0.5859−1.1996i	−0.0676+0.0528i	−1.0889+0.2544i	0.4705−0.8308i	−0.1744+0.2636i
36.7	0.3781−1.1093i	0.0415+0.2810i	−6.7549−4.3640i	0.6292−1.2601i	−0.0086+0.1029i	−1.0494+0.3368i	0.5048−0.8960i	−0.1808+0.2493i
36.8	0.4140−1.1731i	0.0006+0.2210i	−6.6384−4.0511i	0.6698−1.3161i	−0.0232+0.1391i	−0.9800+0.4385i	0.5332−0.9659i	−0.2005+0.2141i
36.9	0.4138−1.2833i	−0.0491+0.1829i	−6.3918−4.0288i	0.6746−1.4171i	−0.0326+0.1527i	−0.8744+0.5165i	0.5305−1.0605i	−0.2259+0.1914i
37.0	0.4372−1.3571i	−0.1084+0.1445i	−6.0949−3.7537i	0.7101−1.4759i	−0.0195+0.1632i	−0.8001+0.5647i	0.5473−1.1290i	−0.2412+0.1579i
37.1	0.4421−1.4920i	−0.1884+0.1367i	−5.7418−3.6928i	0.7171−1.6053i	0.0005+0.1882i	−0.6666+0.6207i	0.5418−1.2399i	−0.2630+0.1568i

37.2	0.4065-1.5646i	-0.2126+0.1527i	-5.7828-3.7299i	0.6823-1.6749i	0.0523+0.2091i	-0.6012+0.6138i	0.5196-1.2919i	-0.2604+0.1731i
37.3	0.3565-1.6099i	-0.2275+0.1688i	-5.8551-3.6401i	0.6309-1.7267i	0.0812+0.1978i	-0.5482+0.5949i	0.4845-1.3324i	-0.2572+0.1798i
37.4	0.3252-1.6760i	-0.2777+0.1875i	-5.8173-3.5525i	0.6066-1.7872i	0.1403+0.1794i	-0.4486+0.5610i	0.4620-1.3832i	-0.2713+0.1853i
37.5	0.2959-1.8139i	-0.3478+0.2111i	-5.5654-3.4270i	0.5961-1.9282i	0.1790+0.1667i	-0.3199+0.5662i	0.4468-1.5032i	-0.2901+0.1886i
37.6	0.2383-1.8986i	-0.3478+0.2560i	-5.5676-3.3248i	0.5367-2.0141i	0.1251+0.1739i	-0.2827+0.5107i	0.4095-1.5755i	-0.2796+0.2084i
37.7	0.1084-2.0030i	-0.3669+0.3290i	-5.4246-3.4790i	0.4151-2.1266i	0.2060+0.1318i	-0.2314+0.4223i	0.3102-1.6495i	-0.2855+0.2437i
37.8	0.0267-2.0426i	-0.3650+0.3657i	-5.5255-3.4154i	0.3374-2.1748i	0.2332+0.0951i	-0.2504+0.3685i	0.2716-1.6799i	-0.2531+0.2630i
37.9	-0.0475-2.1193i	-0.3861+0.4175i	-5.4477-3.2591i	0.2667-2.2575i	0.2398+0.0622i	-0.2471+0.3077i	0.2318-1.7489i	-0.2334+0.2699i
38.0	-0.1518-2.1947i	-0.3992+0.4447i	-5.3083-3.0989i	0.1775-2.3333i	0.2427+0.0132i	-0.2288+0.2679i	0.1563-1.8103i	-0.2367+0.2822i
38.1	-0.2293-2.1972i	-0.3717+0.4874i	-5.2197-3.0432i	0.1066-2.3540i	0.2417+0.0283i	-0.2845+0.2444i	0.1122-1.8308i	-0.2253+0.3055i
38.2	-0.3453-2.2588i	-0.3506+0.5338i	-5.2492-2.8705i	-0.0136-2.4309i	0.3059+0.0067i	-0.2781+0.2363i	0.0307-1.8885i	-0.1934+0.3360i
38.3	-0.4725-2.2503i	-0.3153+0.5754i	-5.3145-2.8736i	-0.1478-2.4304i	0.2624-0.0558i	-0.3280+0.2003i	-0.0637-1.8979i	-0.1796+0.3368i
38.4	-0.5337-2.2572i	-0.3045+0.6039i	-5.2378-2.8352i	-0.2127-2.4507i	0.2559-0.0525i	-0.3383+0.1998i	-0.1055-1.9210i	-0.1605+0.3423i
38.5	-0.6157-2.2722i	-0.2602+0.6390i	-5.1215-2.8338i	-0.2896-2.4613i	0.2034-0.0567i	-0.4329+0.1523i	-0.1543-1.9323i	-0.1255+0.3626i
38.6	-0.7983-2.2490i	-0.2042+0.6722i	-4.8845-2.8188i	-0.4564-2.4425i	0.2728-0.0848i	-0.5028+0.1296i	-0.2687-1.9438i	-0.0751+0.3406i
38.7	-0.9140-2.1999i	-0.1495+0.6726i	-4.8660-2.7022i	-0.5708-2.4231i	0.2141-0.1341i	-0.5746+0.2105i	-0.3499-1.9521i	-0.0447+0.3157i
38.8	-0.9971-2.1901i	-0.0960+0.6835i	-4.8751-2.6201i	-0.6500-2.4321i	0.1894-0.1437i	-0.6766+0.2902i	-0.3994-1.9926i	-0.0134+0.2859i
38.9	-1.0705-2.1280i	-0.0335+0.6667i	-4.8794-2.5449i	-0.7293-2.3716i	0.1206-0.1197i	-0.7527+0.3231i	-0.4603-1.9536i	0.0124+0.2893i
39.0	-1.1531-2.0409i	0.0217+0.6383i	-4.8554-2.4923i	-0.8059-2.3077i	0.0772-0.1267i	-0.8720+0.4649i	-0.5040-1.9246i	0.0609+0.2549i
39.1	-1.2169-2.0072i	0.0430+0.6258i	-4.6776-2.5264i	-0.8651-2.3057i	0.1152-0.0707i	-0.8743+0.5940i	-0.5721-1.9584i	0.0398+0.2053i
39.2	-1.2620-1.9399i	0.0831+0.5923i	-4.7625-2.5587i	-0.9172-2.2547i	0.1440-0.0528i	-0.9125+0.6829i	-0.6363-1.9354i	0.0327+0.1933i
39.3	-1.3406-1.8993i	0.1217+0.5634i	-4.7535-2.3762i	-1.0236-2.2435i	0.1054-0.1180i	-0.8670+0.8323i	-0.7406-1.9171i	0.0440+0.2106i
39.4	-1.4084-1.8456i	0.1542+0.5339i	-4.7629-2.3619i	-1.0955-2.2147i	0.0478-0.1506i	-0.8667+0.9768i	-0.8118-1.8996i	0.0416+0.1879i
39.5	-1.4417-1.7832i	0.1541+0.5078i	-4.6492-2.4566i	-1.1520-2.1763i	-0.0274-0.1281i	-0.8048+1.1035i	-0.8707-1.8837i	0.0194+0.1710i
39.6	-1.5075-1.7120i	0.1631+0.4925i	-4.4945-2.4551i	-1.2479-2.1371i	0.0052-0.1238i	-0.6907+1.2357i	-0.9864-1.8409i	-0.0113+0.1944i
39.7	-1.5113-1.6651i	0.1655+0.4644i	-4.6107-2.3176i	-1.2782-2.0988i	0.0204-0.1296i	-0.6362+1.2998i	-1.0218-1.7885i	0.0003+0.2182i
39.8	-1.5457-1.6316i	0.1755+0.4493i	-4.5766-2.2859i	-1.3454-2.0709i	-0.0192-0.1770i	-0.5602+1.3540i	-1.0663-1.7597i	0.0360+0.2204i
39.9	-1.5770-1.5984i	0.1754+0.4369i	-4.5698-2.2222i	-1.4000-2.0429i	-0.0362-0.1433i	-0.4262+1.4395i	-1.1236-1.7501i	0.0304+0.1926i
40.0	-1.5850-1.5444i	0.1913+0.4265i	-4.5977-2.2271i	-1.4233-2.0008i	0.0040-0.1192i	-0.3933+1.5160i	-1.1570-1.7073i	0.0145+0.2024i
40.1	-1.6189-1.4742i	0.2029+0.4213i	-4.5808-2.2620i	-1.4880-1.9330i	0.0377-0.1318i	-0.2877+1.5325i	-1.2272-1.6340i	0.0064+0.2234i
40.2	-1.6485-1.4171i	0.2259+0.3989i	-4.5524-2.1311i	-1.5494-1.8691i	-0.0468-0.1332i	-0.1926+1.5768i	-1.2393-1.5555i	0.0611+0.2499i
40.3	-1.6715-1.3754i	0.2369+0.3788i	-4.5849-2.0213i	-1.5961-1.8248i	-0.1054-0.1562i	-0.1042+1.6027i	-1.2659-1.5135i	0.0903+0.2531i
40.4	-1.6750-1.2969i	0.2377+0.3555i	-4.6234-1.9964i	-1.6076-1.7380i	-0.1052-0.1699i	-0.0893+1.6112i	-1.2724-1.4425i	0.0956+0.2390i
40.5	-1.6674-1.2350i	0.2537+0.3416i	-4.6018-1.9175i	-1.6451-1.6880i	-0.0718-0.1596i	0.0709+1.7009i	-1.2718-1.3861i	0.1359+0.2561i
40.6	-1.6574-1.2140i	0.2596+0.3385i	-4.4424-1.9357i	-1.6840-1.6664i	-0.0712-0.1556i	0.2877+1.7122i	-1.2786-1.3563i	0.1819+0.2748i
40.7	-1.6452-1.1618i	0.2596+0.3120i	-4.5551-1.8407i	-1.7162-1.5851i	-0.1119-0.0871i	0.4862+1.6267i	-1.3053-1.2938i	0.1932+0.2585i
40.8	-1.6622-1.1096i	0.2789+0.2956i	-4.6086-1.9125i	-1.7676-1.5102i	-0.1502-0.0764i	0.6282+1.5848i	-1.3249-1.2424i	0.2403+0.2447i
40.9	-1.6688-1.0901i	0.2770+0.2958i	-4.4875-1.9167i	-1.7922-1.4523i	-0.1160-0.0589i	0.7141+1.4184i	-1.3332-1.2040i	0.2785+0.2175i
41.0	-1.6733-1.0685i	0.2664+0.2639i	-4.3922-1.8328i	-1.8086-1.3962i	-0.1578-0.0417i	0.7806+1.3099i	-1.3290-1.1932i	0.2914+0.1391i
41.1	-1.6576-1.0406i	0.2680+0.2365i	-4.3985-1.7312i	-1.7972-1.3522i	-0.1935-0.0343i	0.7961+1.3093i	-1.3230-1.1823i	0.2771+0.1072i
41.2	-1.6365-1.0265i	0.2921+0.2371i	-4.4739-1.6106i	-1.7703-1.3151i	-0.1795-0.0476i	0.7693+1.2109i	-1.3089-1.1454i	0.2817+0.1359i
41.3	-1.6615-0.9661i	0.2795+0.1982i	-4.3634-1.5653i	-1.8079-1.2251i	-0.1558-0.0205i	0.8247+1.1451i	-1.3282-1.0635i	0.3262+0.1335i
41.4	-1.5995-0.9059i	0.2422+0.1845i	-4.4068-1.5276i	-1.7754-1.1357i	-0.1861-0.0360i	1.0123+1.1133i	-1.2892-1.0014i	0.3574+0.0904i
41.5	-1.5908-0.9123i	0.2367+0.1696i	-4.5034-1.4985i	-1.7660-1.1106i	-0.2182-0.0089i	1.0574+1.0449i	-1.2797-1.0359i	0.3499+0.0033i
41.6	-1.6049-0.8978i	0.2305+0.1440i	-4.3677-1.2304i	-1.7581-1.0676i	-0.2664+0.0174i	0.9664+0.9448i	-1.2704-1.0259i	0.3349-0.0536i
41.7	-1.6122-0.8861i	0.2272+0.1325i	-4.2823-1.1945i	-1.7210-1.0236i	-0.2332+0.0096i	0.7930+0.8135i	-1.2238-1.0195i	0.3266-0.0998i
41.8	-1.6032-0.8706i	0.2267+0.1342i	-4.3472-1.2083i	-1.7042-0.9978i	-0.2143+0.0287i	0.7662+0.7728i	-1.2201-1.0134i	0.3045-0.1077i
41.9	-1.5833-0.8633i	0.2028+0.1375i	-4.2596-1.2595i	-1.6739-1.0018i	-0.1669+0.0951i	0.8292+0.8032i	-1.2683-1.0087i	0.2234-0.0783i
42.0	-1.5823-0.8784i	0.2206+0.1355i	-4.2027-1.2907i	-1.6587-1.0237i	-0.1610+0.1285i	0.7769+0.8359i	-1.2478-1.0033i	0.2457-0.0359i
42.1	-1.5736-0.8395i	0.1995+0.1233i	-4.1723-1.1624i	-1.6369-0.9773i	-0.1767+0.1859i	0.7419+0.8133i	-1.2083-0.9981i	0.2609-0.0789i
42.2	-1.5783-0.8749i	0.2097+0.1309i	-4.0482-1.1520i	-1.6505-0.9991i	-0.1472+0.1963i	0.7427+0.6048i	-1.2073-0.9908i	0.2942-0.0692i
42.3	-1.6018-0.8906i	0.1992+0.1328i	-3.9240-1.1531i	-1.6591-1.0200i	-0.1674+0.1456i	0.6393+0.7003i	-1.2290-1.0298i	0.2807-0.1025i
42.4	-1.6023-0.9032i	0.2151+0.1662i	-3.9907-1.1482i	-1.6698-1.0210i	-0.1483+0.1801i	0.6953+0.7005i	-1.2306-1.0279i	0.2771-0.1192i
42.5	-1.6604-0.9602i	0.2384+0.1720i	-3.9454-1.0605i	-1.7283-1.0515i	-0.1183+0.2334i	0.7511+0.5869i	-1.3154-1.0602i	0.2467-0.1419i
42.6	-1.6931-0.9208i	0.2511+0.1627i	-3.9596-1.0800i	-1.7161-1.0271i	-0.1118+0.2162i	0.5306+0.6640i	-1.2966-1.0698i	0.2371-0.1621i
42.7	-1.7472-0.8626i	0.2540+0.1326i	-3.8887-1.2683i	-1.7351-0.9828i	-0.1085+0.2335i	0.3792+0.7852i	-1.3169-1.0796i	0.2106-0.2145i
42.8	-1.7525-0.8055i	0.2581+0.1111i	-3.8097-1.2191i	-1.7188-0.9374i	-0.1099+0.2650i	0.3674+0.8448i	-1.3496-1.0486i	0.1377-0.2272i
42.9	-1.7254-0.7920i	0.2752+0.1020i	-3.8485-1.1848i	-1.6903-0.9840i	-0.0774+0.2713i	0.3792+1.0225i	-1.3419-1.0474i	0.1250-0.1520i
43.0	-1.7365-0.8227i	0.2614+0.0810i	-3.8918-1.2052i	-1.7483-1.0353i	-0.0349+0.3007i	0.5403+1.1047i	-1.3917-1.0992i	0.1562-0.1513i
43.1	-1.7989-0.8298i	0.2364+0.0609i	-3.7269-1.1339i	-1.8529-1.0123i	0.0208+0.2781i	0.6426+0.9785i	-1.5059-1.1155i	0.1166-0.2007i
43.2	-1.8660-0.8109i	0.2534+0.0677i	-3.6046-1.0205i	-1.9144-0.9856i	-0.0092+0.2850i	0.5383+1.0301i	-1.5757-1.0865i	0.0995-0.1804i
43.3	-1.8896-0.7348i	0.2599+0.0613i	-3.6083-1.1496i	-1.9296-0.9237i	-0.0116+0.2678i	0.6213+1.1622i	-1.6135-0.9919i	0.0966-0.1218i
43.4	-1.8874-0.6706i	0.2513+0.0632i	-3.7931-1.1202i	-1.9210-0.8441i	0.0204+0.1885i	0.7130+1.0142i	-1.6121-0.8731i	0.1108-0.1131i

43.5	-1.8586-0.6391i	0.1799+0.0512i	-3.8478-1.1376i	-1.9008-0.8432i	-0.0043+0.1304i	0.7279+1.2331i	-1.5813-0.8871i	0.0827-0.1418i
43.6	-1.8515-0.6741i	0.2251+0.0718i	-3.8957-1.1315i	-1.9392-0.8911i	-0.0374+0.1935i	0.9127+1.2642i	-1.5871-0.9398i	0.0889-0.1211i
43.7	-1.9100-0.7084i	0.3065+0.0488i	-3.8781-1.0406i	-2.0227-0.8922i	-0.0533+0.2573i	0.9028+1.1154i	-1.6418-0.9508i	0.1207-0.0963i
43.8	-1.9761-0.6294i	0.3019-0.0083i	-3.7375-0.9905i	-2.0654-0.8068i	-0.0140+0.2779i	0.8294+1.2544i	-1.6790-0.9060i	0.1376-0.1184i
43.9	-1.9775-0.5765i	0.2732-0.0443i	-3.7296-0.9101i	-2.0738-0.7530i	-0.0085+0.2592i	0.9821+1.2947i	-1.7132-0.8735i	0.1273-0.1369i
44.0	-1.9688-0.5453i	0.2534-0.0030i	-3.6829-0.9034i	-2.0648-0.7076i	0.0056+0.2508i	1.0409+1.2567i	-1.7033-0.8221i	0.1353-0.1202i
44.1	-1.9589-0.4964i	0.2464-0.0530i	-3.6811-0.8512i	-2.0586-0.6967i	0.0498+0.2300i	1.1518+1.4123i	-1.6955-0.8084i	0.1835-0.1268i
44.2	-1.9297-0.5136i	0.2852-0.0378i	-3.7264-0.7628i	-2.0719-0.7221i	0.0793+0.2046i	1.5054+1.3576i	-1.7154-0.8438i	0.1759-0.1912i
44.3	-1.9427-0.5228i	0.3166-0.0616i	-3.7122-0.5872i	-2.1515-0.6956i	0.0394+0.2120i	1.8368+0.9769i	-1.8443-0.8405i	0.0652-0.2108i
44.4	-2.0136-0.5486i	0.3394-0.1872i	-3.5467-0.5183i	-2.2429-0.6507i	0.0259+0.2111i	1.5969+0.6005i	-1.9327-0.7837i	0.0664-0.1500i
44.5	-2.0602-0.5083i	0.2784-0.2559i	-3.3123-0.6915i	-2.2592-0.5698i	0.0892+0.2505i	1.4205+0.6317i	-1.9591-0.7195i	0.0971-0.1464i
44.6	-2.0793-0.4709i	0.2636-0.2919i	-3.4006-0.6582i	-2.2640-0.5061i	0.1467+0.2132i	1.4949+0.5997i	-1.9714-0.6819i	0.0983-0.2008i
44.7	-2.1225-0.4084i	0.1430-0.3312i	-3.2582-0.5081i	-2.2386-0.4492i	0.1232+0.2150i	1.2409+0.6447i	-1.9876-0.6370i	0.0336-0.2063i
44.8	-2.1334-0.3605i	0.0372-0.3208i	-3.1281-0.6473i	-2.2365-0.4154i	0.1342+0.1894i	1.1435+0.7321i	-2.0085-0.5998i	0.0266-0.1673i
44.9	-2.1252-0.2833i	-0.0683-0.1834i	-3.0921-0.6893i	-2.1927-0.3738i	0.1845+0.1616i	1.2260+0.8790i	-1.9908-0.4906i	0.0193-0.1021i
45.0	-2.1120-0.2668i	-0.0058-0.1543i	-3.1631-0.8153i	-2.2091-0.4051i	0.1321+0.1641i	1.4519+0.9414i	-1.9939-0.5094i	0.0309-0.0957i
45.1	-2.1083-0.2613i	-0.0017-0.1889i	-3.2632-0.8906i	-2.2696-0.3808i	0.0903+0.1840i	1.6269+0.5695i	-2.0811-0.4746i	0.0121-0.0892i
45.2	-2.1077-0.2359i	-0.0305-0.1262i	-3.0980-0.8174i	-2.2820-0.3193i	0.0860+0.1536i	1.4781+0.3931i	-2.0962-0.3572i	0.0215-0.0447i
45.3	-2.1184-0.2482i	0.0515-0.1562i	-2.9676-0.6087i	-2.3191-0.2962i	0.1311+0.1280i	1.4574+0.3799i	-2.1056-0.3429i	0.0647-0.0580i
45.4	-2.1998-0.2595i	-0.0151-0.1578i	-2.5439-0.7007i	-2.3499-0.2646i	0.1496+0.1205i	1.2467+0.3383i	-2.1453-0.3379i	0.0639-0.0851i
45.5	-2.2228-0.1597i	-0.0411-0.1523i	-2.6104-0.6766i	-2.3535-0.1936i	0.2058+0.0834i	1.2690+0.4637i	-2.1791-0.2293i	0.0491-0.0825i
45.6	-2.1897-0.1413i	-0.0395-0.1832i	-2.3482-0.5264i	-2.3207-0.1740i	0.1870+0.1326i	1.3137+0.5164i	-2.1320-0.1975i	0.0544-0.0839i
45.7	-2.2269-0.1175i	0.0001-0.1593i	-2.4322-0.6848i	-2.3517-0.1732i	0.1780+0.1731i	1.4081+0.6564i	-2.1683-0.2141i	0.0632-0.0790i
45.8	-2.2350-0.0269i	-0.0283-0.1775i	-2.4442-0.7091i	-2.4042-0.1180i	0.1716+0.1596i	1.6901+0.5435i	-2.2368-0.1143i	0.0737-0.0423i
45.9	-2.1811+0.0096i	-0.0902-0.1948i	-2.3306-0.6402i	-2.4037-0.0518i	0.1398+0.0897i	1.6750+0.1670i	-2.2279+0.0102i	0.0989-0.0320i
46.0	-2.1593+0.0053i	-0.1066-0.1713i	-2.2383-0.7655i	-2.4132-0.0160i	0.1207+0.0533i	1.5293+0.1046i	-2.2210+0.0512i	0.1050-0.0543i
46.1	-2.1990-0.0295i	-0.0559-0.2521i	-1.9663-0.6762i	-2.4683+0.0532i	0.1437+0.0523i	1.5036-0.0888i	-2.2325+0.1443i	0.1132-0.0954i
46.2	-2.2853-0.0304i	-0.0942-0.2887i	-1.6975-0.8530i	-2.4345+0.1082i	0.0646+0.0281i	1.0512-0.0561i	-2.1404+0.1901i	0.1080-0.1016i
46.3	-2.3506+0.0780i	-0.1584-0.3187i	-1.8939-0.8615i	-2.4389+0.1161i	0.1516+0.0242i	1.1732+0.3165i	-2.1371+0.1970i	0.1204-0.0662i
46.4	-2.3031+0.2208i	-0.3071-0.4051i	-1.9696-0.6407i	-2.4856+0.1971i	0.2342-0.0298i	1.4939+0.0257i	-2.1773+0.3169i	0.1517-0.0645i
46.5	-2.2044+0.2395i	-0.4741-0.2530i	-1.5515-0.9861i	-2.4599+0.2731i	0.1607-0.1136i	1.1816-0.1343i	-2.1410+0.3983i	0.1281-0.0739i
46.6	-2.1736+0.1948i	-0.5591-0.1022i	-1.2747-1.2301i	-2.4431+0.3131i	0.0945-0.1634i	0.9910+0.0242i	-2.1159+0.4284i	0.1109-0.0884i
46.7	-2.2099+0.1632i	-0.5262-0.0427i	-1.3281-1.4582i	-2.4373+0.3509i	0.0491-0.0313i	0.9373+0.1671i	-2.0587+0.4567i	0.1488-0.1074i
46.8	-2.2648+0.1805i	-0.4709-0.0111i	-1.2961-1.6906i	-2.4293+0.3676i	0.0774+0.0240i	0.9085+0.3365i	-2.0197+0.4768i	0.1546-0.0941i
46.9	-2.2899+0.2404i	-0.4476+0.0410i	-1.3938-1.5819i	-2.4401+0.4063i	0.0548+0.0822i	1.1175+0.3464i	-2.0413+0.5268i	0.1072-0.0830i
47.0	-2.2624+0.2844i	-0.5116+0.0055i	-1.0521-1.4360i	-2.4580+0.4797i	-0.0257+0.0993i	1.2025-0.0452i	-2.0141+0.5938i	0.1290-0.0771i
47.1	-2.2706+0.2652i	-0.6185+0.1614i	-0.9470-1.8990i	-2.4455+0.5520i	0.0027+0.0715i	0.7043-0.0689i	-1.9777+0.6465i	0.1645-0.0978i
47.2	-2.2947+0.2776i	-0.5687+0.3336i	-1.1342-2.1513i	-2.4130+0.5741i	0.0367+0.0887i	0.7210+0.4133i	-1.9491+0.6693i	0.1429-0.1260i
47.3	-2.3170+0.3150i	-0.4344+0.3715i	-1.0262-2.1099i	-2.3887+0.6121i	-0.0382+0.0928i	0.9760+0.5215i	-1.8894+0.6918i	0.1355-0.1543i
47.4	-2.3927+0.3626i	-0.3977+0.3720i	-1.2454-2.1820i	-2.3997+0.6703i	-0.0689+0.1172i	1.1142+0.5009i	-1.8782+0.7033i	0.1209-0.2210i
47.5	-2.4476+0.4471i	-0.4067+0.2917i	-1.3245-2.2454i	-2.3872+0.7264i	0.0034+0.1098i	1.0186+0.4479i	-1.8835+0.7332i	0.0628-0.2273i
47.6	-2.3548+0.5804i	-0.4155+0.3269i	-1.2446-2.2896i	-2.3172+0.7601i	0.0707+0.0322i	1.3345+0.5055i	-1.8441+0.8506i	0.0180-0.1173i
47.7	-2.2398+0.5640i	-0.4026+0.3842i	-1.1835-2.4253i	-2.2899+0.7613i	0.1219+0.0316i	1.5945+0.1721i	-1.7658+0.8756i	0.0587-0.0923i
47.8	-2.2145+0.4580i	-0.3961+0.3841i	-0.9198-2.3167i	-2.2732+0.7524i	-0.0158+0.1052i	1.2578-0.1733i	-1.6830+0.7995i	0.0925-0.0981i
47.9	-2.3134+0.4363i	-0.4107+0.4653i	-0.7216-2.6026i	-2.2963+0.7496i	-0.0703+0.1005i	1.0132+0.0549i	-1.7252+0.7820i	0.0622-0.1119i
48.0	-2.3297+0.4823i	-0.3969+0.5310i	-0.7495-2.9687i	-2.3416+0.8009i	-0.0971+0.0776i	1.3300-0.0582i	-1.7595+0.8480i	0.0415-0.1246i
48.1	-2.3495+0.4016i	-0.3228+0.5798i	-0.3915-2.9996i	-2.2819+0.8301i	-0.1289+0.1923i	0.9324-0.4214i	-1.6724+0.8510i	0.0268-0.1307i
48.2	-2.4755+0.4587i	-0.2326+0.5602i	-0.6880-3.1468i	-2.2899+0.8701i	-0.0206+0.1949i	0.7337-0.2184i	-1.6930+0.8655i	0.0111-0.1329i
48.3	-2.5391+0.5120i	-0.2131+0.5146i	-0.6503-3.3467i	-2.3048+0.8952i	-0.0535+0.2240i	0.5154-0.0494i	-1.6921+0.8794i	-0.0294-0.1397i
48.4	-2.6067+0.5473i	-0.2661+0.5048i	-0.3015-3.6589i	-2.3210+0.8731i	0.0006+0.2685i	0.5431+0.3385i	-1.7161+0.8672i	-0.0977-0.1070i
48.5	-2.6490+0.6135i	-0.3039+0.5179i	-0.0632-3.5151i	-2.3486+0.8709i	0.0007+0.1498i	0.8079+0.5003i	-1.6846+0.8670i	-0.0469-0.1099i
48.6	-2.6388+0.6841i	-0.2837+0.5744i	-0.4084-3.6320i	-2.3735+0.9391i	-0.0537+0.1329i	1.1962+0.3108i	-1.6861+0.8837i	-0.0703-0.1282i
48.7	-2.6569+0.6948i	-0.2431+0.5902i	-0.3476-3.7235i	-2.3671+0.9780i	-0.0602+0.1544i	1.0310-0.1453i	-1.6913+0.9209i	-0.1455-0.1149i
48.8	-2.6795+0.6918i	-0.2538+0.5893i	0.0123-3.7439i	-2.3453+0.9835i	-0.0453+0.1937i	0.4700-0.4470i	-1.6844+0.8856i	-0.2109-0.0955i
48.9	-2.7499+0.6863i	-0.2339+0.6142i	0.3087-4.1799i	-2.3598+0.9689i	-0.0407+0.3033i	0.1029-0.0988i	-1.7336+0.8890i	-0.2680-0.0158i
49.0	-2.9389+0.7103i	-0.2043+0.6595i	0.5752-4.5777i	-2.4627+0.9725i	-0.0104+0.3892i	-0.0800+0.5368i	-1.8444+0.9238i	-0.2973+0.0864i
49.1	-3.0777+0.7929i	-0.2035+0.6587i	0.5973-4.6543i	-2.5476+1.0239i	0.0203+0.2558i	-0.1098+0.8450i	-1.9071+0.9907i	-0.2569+0.1061i
49.2	-3.1226+0.9786i	-0.1889+0.6797i	0.1609-4.7213i	-2.5678+1.0893i	0.0333+0.2244i	0.2457+1.3371i	-1.8994+1.1413i	-0.2015+0.2438i
49.3	-3.1216+1.1933i	-0.1308+0.7803i	0.2711-4.9176i	-2.5933+1.1691i	0.0341+0.2016i	0.9975+1.5369i	-1.8326+1.2564i	-0.1695+0.2854i
49.4	-3.0885+1.3015i	-0.1093+0.7602i	0.4926-5.2714i	-2.6232+1.2730i	-0.0372+0.1642i	1.2058+0.9690i	-1.8180+1.2729i	-0.2076+0.2119i
49.5	-3.1360+1.2822i	-0.0834+0.7697i	0.7702-6.1447i	-2.6578+1.3598i	-0.0354+0.3082i	0.6784+0.6767i	-1.8897+1.3018i	-0.3613+0.2347i
49.6	-3.3311+1.3365i	-0.0850+0.8174i	1.2596-6.6472i	-2.7299+1.3723i	-0.1038+0.3924i	0.5041+1.1707i	-1.8940+1.3333i	-0.3706+0.2970i
49.7	-3.4450+1.6142i	-0.0274+0.8345i	1.0884-7.1617i	-2.8255+1.4689i	-0.1159+0.3864i	0.8630+1.6810i	-1.8934+1.4735i	-0.3105+0.4811i

49.8	-3.3595+1.7707i	0.0198+0.8332i	1.1629-7.5829i	-2.8598+1.5983i	-0.0849+0.4382i	1.2786+1.1909i	-1.8982+1.5184i	-0.2978+0.5157i
49.9	-3.3899+1.8427i	-0.0470+0.8168i	1.4012-8.1464i	-2.8756+1.7620i	-0.1450+0.4839i	0.7283+0.7348i	-1.9382+1.5765i	-0.3664+0.5024i
50.0	-3.5093+1.9260i	-0.0323+0.9454i	1.6150-8.7866i	-2.9044+1.8323i	-0.1726+0.5598i	0.6628+1.0891i	-2.0001+1.6756i	-0.4456+0.6196i
50.1	-3.5085+2.2285i	0.0614+0.9789i	1.2496-9.3520i	-2.9222+2.0079i	-0.1420+0.6957i	1.3500+1.2150i	-1.8998+1.8281i	-0.3492+0.7857i
50.2	-3.3604+2.4200i	0.1968+0.8839i	0.9434-9.6551i	-2.8640+2.1660i	-0.0459+0.8197i	1.2349+0.5871i	-1.7836+1.9856i	-0.1764+1.0266i
50.3	-3.3281+2.4611i	0.0795+0.7589i	0.7214-10.3184i	-2.8238+2.2965i	0.1369+0.7303i	0.5073+0.6561i	-1.7049+2.0760i	0.0396+0.9647i
50.4	-3.4030+2.5476i	0.0061+0.9117i	0.6274-11.0470i	-2.7698+2.3714i	0.0691+0.7398i	0.2890+1.3359i	-1.6990+2.0982i	-0.0293+0.9391i
50.5	-3.5298+2.8580i	0.1492+0.9902i	0.3425-12.1087i	-2.8032+2.5254i	0.1308+0.8726i	0.4356+1.7090i	-1.7079+2.2958i	-0.0804+1.1706i
50.6	-3.4788+3.1268i	0.1502+0.9782i	-0.0530-12.6180i	-2.7983+2.7160i	0.1717+0.8773i	0.7219+1.9482i	-1.6266+2.4402i	-0.0078+1.2199i
50.7	-3.5351+3.3821i	0.1035+1.1328i	-0.0669-14.1558i	-2.7622+2.9167i	0.0550+0.9365i	0.6566+2.2872i	-1.5856+2.6046i	-0.1061+1.3667i
50.8	-3.4558+3.7009i	0.2036+1.1728i	-1.0536-14.7549i	-2.7003+3.0423i	0.2445+0.9235i	1.1644+2.7320i	-1.3841+2.7164i	0.2566+1.5105i
50.9	-3.2175+3.9963i	0.1689+1.1699i	-1.5768-14.8351i	-2.5980+3.2624i	0.2716+0.8453i	1.9175+2.4674i	-1.2339+2.7401i	0.3909+1.3577i
51.0	-3.0017+4.1874i	0.2260+1.2513i	-2.4581-15.8411i	-2.3911+3.5081i	0.3896+0.9975i	1.5626+2.1395i	-1.0912+2.9292i	0.4617+1.4797i
51.1	-2.9999+4.4493i	0.3295+1.3225i	-3.1905-16.4222i	-2.3085+3.6178i	0.3754+0.9324i	1.7613+2.6106i	-0.9618+2.9853i	0.5159+1.5190i
51.2	-2.5717+4.7061i	0.3087+1.3341i	-4.5459-16.2667i	-2.0512+3.7216i	0.2077+0.9138i	2.4065+2.5784i	-0.6893+2.9444i	0.5783+1.4946i
51.3	-2.2394+4.8327i	0.4553+1.4302i	-5.5356-16.7432i	-1.9295+3.8351i	0.3847+1.2521i	2.8599+2.1786i	-0.5136+3.0164i	0.9011+1.7352i
51.4	-1.9706+4.8577i	0.5442+1.5012i	-6.1697-16.9222i	-1.7427+3.9338i	0.5036+1.3769i	2.7989+1.6621i	-0.3991+3.0136i	0.9852+1.7546i
51.5	-1.9642+4.9732i	0.8131+1.6521i	-7.4255-17.7072i	-1.5545+3.9859i	0.6242+1.3879i	2.5770+2.1421i	-0.2073+3.1058i	1.1952+2.0342i
51.6	-1.7969+5.1548i	0.9990+1.5466i	-8.5460-17.7508i	-1.4025+4.0869i	0.7870+1.2180i	2.8190+2.0640i	0.0271+3.1003i	1.5066+1.8889i
51.7	-1.4722+5.3572i	1.1492+1.3636i	-9.2877-18.2333i	-1.1057+4.1792i	0.7776+1.4155i	2.3526+1.9047i	0.2449+3.0320i	1.4439+1.9010i
51.8	-1.3520+5.4618i	1.1657+1.3131i	-9.9225-18.3591i	-1.0046+4.1633i	0.9226+1.5634i	2.3458+2.3268i	0.3651+2.9425i	1.6561+2.0141i
51.9	-1.1031+5.7760i	1.2383+1.2809i	-11.4722-18.4099i	-0.8568+4.2194i	1.0980+1.5545i	2.8223+2.8893i	0.4906+2.9205i	1.9125+2.1527i
52.0	-0.4383+6.1392i	1.3513+1.4238i	-12.8992-17.9465i	-0.5666+4.2534i	1.1117+1.9302i	3.9641+3.0271i	0.6935+2.9148i	2.1401+2.5458i
52.1	0.1791+5.9778i	1.6507+1.3062i	-13.8099-17.4264i	-0.3484+4.2064i	1.6251+2.0070i	4.4173+2.2586i	0.9459+2.7757i	2.9678+2.4937i
52.2	0.5851+5.7429i	1.8570+1.0419i	-14.5211-16.9193i	-0.2000+4.1260i	2.0942+1.8827i	4.1704+1.7848i	1.0775+2.6222i	3.5771+2.2915i
52.3	0.7081+5.4560i	1.8614+0.7252i	-15.1590-17.2039i	-0.1984+4.0393i	2.7061+1.7088i	3.6893+2.1355i	1.1529+2.4737i	4.2937+1.9817i
52.4	0.7890+5.5730i	1.8097+0.6173i	-16.1301-17.2635i	-0.2106+4.1515i	3.0316+1.3685i	4.4541+2.7227i	1.2404+2.3894i	4.8830+1.3570i
52.5	1.4661+5.6060i	1.6718+0.6314i	-17.6086-16.2117i	0.1989+4.4157i	3.0625+0.5852i	5.7224+1.6726i	1.3660+2.1512i	4.6608-0.0160i
52.6	1.8307+5.3204i	1.7429+0.7877i	-18.2787-15.6916i	0.6345+4.3294i	2.6208+0.3854i	5.1198+0.6661i	1.3100+2.0277i	3.7821-0.1616i
52.7	1.8962+5.1387i	1.9174+0.9086i	-19.4212-15.5144i	0.8481+4.0144i	2.4345+0.6826i	4.6194+1.7783i	1.3284+2.0481i	3.6641+0.5179i
52.8	2.1950+5.1445i	2.2421+0.6696i	-20.2803-14.7864i	0.9092+3.9427i	2.9790+0.5398i	5.7576+1.8324i	1.4944+1.9668i	4.3638+0.2099i
52.9	2.5639+4.9578i	2.3317+0.3534i	-20.5417-14.0393i	1.0393+3.8193i	3.1367+0.6946i	6.1941+1.3430i	1.5475+1.8599i	4.5298+0.0957i
53.0	3.0927+4.5117i	2.6730+0.0801i	-21.3251-13.0903i	1.1506+3.5558i	3.8105+0.7381i	7.0473+0.5640i	1.7295+1.7338i	5.4433+0.1409i
53.1	3.2592+3.8822i	2.5713-0.5017i	-21.7501-11.9403i	1.2005+3.4505i	4.2450-0.2247i	6.6256-0.6760i	1.8309+1.4223i	5.9205-1.1312i
53.2	3.0228+3.3718i	2.2157-0.7843i	-21.5125-11.2197i	1.2441+3.3759i	3.9695-1.1182i	5.4860-1.3195i	1.7269+1.1390i	5.3690-2.3066i
53.3	2.7671+3.3057i	1.7869-0.7916i	-21.9063-10.8572i	1.3784+3.2847i	3.2917-1.3796i	4.8472-0.5436i	1.5463+0.9943i	4.3408-2.5919i
53.4	3.1506+3.6329i	1.5183-0.1530i	-23.3313-10.3023i	1.6510+3.0658i	2.6994-0.8911i	6.7002+0.9544i	1.3515+1.0319i	3.5080-1.6284i
53.5	3.4165+3.2493i	1.8623-0.1998i	-23.2990-9.3649i	1.5689+2.8657i	3.2193-0.8542i	7.4619-0.4002i	1.4022+1.0697i	4.2890-1.3599i
53.6	3.2061+2.7364i	1.8444-0.7288i	-23.7090-9.4814i	1.3963+2.8650i	3.6971-1.5299i	6.7109-1.3519i	1.4630+1.0371i	5.0775-2.2387i
53.7	3.0968+2.7518i	1.8763-0.8914i	-24.3603-9.8762i	1.3614+2.9752i	3.8375-1.7983i	6.7229-1.2968i	1.5792+1.0671i	5.4875-2.6968i
53.8	3.2731+2.7196i	1.8265-0.8810i	-25.4743-8.3671i	1.4623+2.9331i	4.0428-2.2431i	7.5963-1.8658i	1.7250+0.8823i	5.7955-3.4808i
53.9	3.5105+2.4183i	2.0954-1.1579i	-25.1997-6.1973i	1.4697+2.8119i	4.0982-2.9743i	7.9945-3.3906i	1.7775+0.6098i	6.0312-4.5090i
54.0	3.4810+2.1100i	1.9652-1.5235i	-24.9074-5.3143i	1.5382+2.8206i	3.6552-3.6440i	7.2383-4.5167i	1.6343+0.4322i	5.2630-5.5031i
54.1	3.2408+1.7851i	1.6433-1.7144i	-24.5135-5.1392i	1.6668+2.7469i	2.9805-3.9120i	5.5783-4.9576i	1.4685+0.3232i	4.0690-5.8964i
54.2	3.2279+1.9305i	1.4649-2.0918i	-25.3105-4.6507i	1.6431+2.7893i	2.8830-4.2052i	5.6769-4.6539i	1.4764+0.2641i	4.2872-6.3615i
54.3	3.4108+1.7050i	1.1025-2.3089i	-24.4471-3.4472i	1.7570+2.7730i	2.5100-4.8423i	5.3463-5.4363i	1.4007+0.0848i	3.6530-7.3337i
54.4	3.3902+1.3935i	0.5707-2.2300i	-23.9369-2.7780i	1.9713+2.6934i	1.5128-5.0585i	4.1845-5.7807i	1.2103-0.0202i	2.1605-7.7178i
54.5	3.2346+1.2246i	0.1058-2.2000i	-23.2808-2.8758i	2.0556+2.6706i	0.7546-5.0390i	3.1988-5.5961i	1.0621-0.0434i	1.1618-7.8131i
54.6	2.9904+1.0557i	-0.3205-2.2578i	-22.9197-3.4653i	2.0648+2.6123i	0.3864-4.8917i	2.4692-4.9120i	0.9512-0.0536i	0.5528-7.6745i
54.7	2.8865+1.1478i	-0.5380-1.9855i	-23.8144-3.8138i	2.1176+2.5154i	0.3534-4.5948i	2.8346-4.0157i	0.9254+0.0112i	0.4435-7.1457i
54.8	3.1122+1.1140i	-0.6041-1.7590i	-24.4546-2.4202i	2.2633+2.3654i	0.0187-4.6489i	3.2889-4.4498i	0.8891-0.0162i	0.0307-7.1846i
54.9	3.1882+0.8639i	-0.7196-1.5858i	-23.4856-1.6475i	2.3542+2.1800i	-0.6913-4.4909i	2.6710-4.9348i	0.7054-0.0170i	-1.0370-7.0300i
55.0	3.1019+0.7014i	-1.0034-1.3149i	-23.3092-1.8002i	2.4226+2.0750i	-1.1416-4.2748i	2.0969-4.7799i	0.5819-0.0039i	-1.7484-6.7154i
55.1	3.0104+0.6496i	-1.0889-1.0295i	-23.5190-1.9554i	2.4596+1.9856i	-1.3842-3.8873i	1.8499-4.4299i	0.5139+0.0835i	-2.1633-6.1976i
55.2	3.0511+0.5572i	-0.9807-0.9631i	-23.4827-2.0983i	2.5240+1.8669i	-1.5091-3.5035i	1.6628-4.2478i	0.5445+0.2057i	-2.4100-5.6379i
55.3	2.9554+0.3718i	-1.0339-0.8427i	-23.0115-2.0957i	2.5096+1.7040i	-1.5931-3.2475i	1.3435-3.8595i	0.5533+0.2316i	-2.4925-5.1462i
55.4	2.8480+0.2688i	-1.0908-0.7259i	-23.3417-2.3545i	2.4332+1.6032i	-1.4482-3.0829i	1.2664-3.4346i	0.5620+0.2318i	-2.2203-4.9068i
55.5	2.8269+0.2355i	-1.1260-0.6640i	-23.8948-1.8086i	2.3678+1.5623i	-1.3196-3.1825i	1.8167-3.1822i	0.5728+0.2009i	-2.0316-5.2025i
55.6	2.7750+0.0452i	-1.2844-0.3559i	-23.6227-1.2374i	2.3968+1.4379i	-1.6087-3.0697i	1.7608-3.3442i	0.5296+0.2242i	-2.6084-5.0326i
55.7	2.7265-0.0389i	-1.4726-0.1317i	-23.6783-1.4647i	2.4507+1.3567i	-1.8523-2.8542i	1.5652-3.2021i	0.4747+0.2322i	-3.0813-4.7203i
55.8	2.6583-0.0870i	-1.6497+0.2135i	-23.7051-1.7273i	2.5215+1.3283i	-2.0504-2.6968i	1.4604-2.9935i	0.4360+0.2517i	-3.4796-4.5024i
55.9	2.6150-0.1871i	-1.7543+0.5815i	-23.8799-1.6717i	2.5481+1.2652i	-2.0095-2.6199i	1.5306-2.8808i	0.4415+0.2638i	-3.5555-4.3006i
56.0	2.5828-0.1706i	-1.4033+1.2883i	-25.3576-1.8885i	2.5435+1.1113i	-1.9028-2.4280i	2.1738-2.3812i	0.4040+0.3513i	-3.2391-3.7922i

56.1	2.6068-0.2281i	-1.0322+1.1270i	-24.8085-0.9717i	2.5170+1.0503i	-2.0952-2.5841i	2.3269-2.8321i	0.4815+0.3690i	-3.3346-3.9602i
56.2	2.5728-0.3725i	-0.9491+0.9678i	-24.5333-1.0529i	2.4695+0.9667i	-2.0909-2.5192i	2.0986-3.1191i	0.5153+0.3562i	-3.4710-3.7118i
56.3	2.5189-0.4598i	-0.9110+1.5303i	-25.3948-1.5928i	2.5814+0.8447i	-2.3698-2.2904i	2.1244-3.0245i	0.4746+0.4091i	-3.9761-3.1516i
56.4	2.4849-0.5073i	-0.8718+1.6353i	-25.6709-1.5496i	2.5918+0.7622i	-2.4209-2.1622i	2.1423-2.9295i	0.5128+0.4297i	-3.9876-2.8726i
56.5	2.4543-0.6760i	-0.7462+1.6756i	-25.9738-1.7561i	2.5763+0.6267i	-2.4161-2.0212i	2.1633-2.9705i	0.5792+0.4140i	-3.8446-2.7016i
56.6	2.4026-0.7874i	-0.4923+1.7271i	-26.7814-1.5144i	2.5506+0.4929i	-2.5465-1.8785i	2.2391-3.0794i	0.6165+0.4268i	-3.7814-2.4094i
56.7	2.3203-0.8635i	-0.1244+1.9871i	-27.2166-1.9513i	2.5328+0.3578i	-2.6345-1.4742i	2.2998-2.9972i	0.6098+0.4435i	-3.8829-2.0234i
56.8	2.2580-0.9428i	-0.0114+2.2030i	-27.8747-2.0502i	2.5266+0.2821i	-2.6939-1.4118i	2.3021-3.1016i	0.6022+0.4695i	-3.9784-1.8161i
56.9	2.2140-1.0977i	0.1983+2.3292i	-29.5169-2.3044i	2.4866+0.1582i	-2.6571-1.4020i	2.4287-3.3437i	0.6340+0.4485i	-3.8152-1.6458i
57.0	2.1050-1.2183i	0.4064+2.4851i	-30.9171-2.2545i	2.4150+0.0481i	-2.6224-1.3709i	2.4257-3.4720i	0.6511+0.4238i	-3.6845-1.5213i
57.1	2.0066-1.2398i	0.8614+2.8269i	-31.8011-1.8340i	2.3758-0.0522i	-2.5430-1.1855i	2.5166-3.2565i	0.6790+0.4362i	-3.4977-1.3076i
57.2	1.8922-1.2870i	1.5626+2.6649i	-32.5996-1.5291i	2.3305-0.1611i	-2.7210-1.1958i	2.7297-3.4648i	0.7433+0.4133i	-3.5871-1.3994i
57.3	1.8002-1.3523i	1.8527+2.3517i	-33.7047-0.3690i	2.2410-0.2702i	-2.9239-1.0956i	2.5647-3.9283i	0.7479+0.3578i	-3.8117-1.2217i
57.4	1.7799-1.3814i	1.8294+2.2375i	-34.1487-0.5867i	2.1953-0.2831i	-2.8888-0.9680i	2.4334-3.9926i	0.7827+0.3186i	-3.7310-1.0717i
57.5	1.6282-1.4763i	1.9408+1.9966i	-35.9946+0.8122i	2.0433-0.3651i	-2.8715-0.8047i	2.1964-4.2789i	0.7724+0.2692i	-3.5614-0.8846i
57.6	1.5485-1.4698i	2.2441+1.9711i	-37.0684+1.2758i	1.9873-0.4174i	-2.8669-0.6009i	2.1746-4.2176i	0.7481+0.2520i	-3.5231-0.6776i
57.7	1.4840-1.5212i	2.5213+1.7748i	-38.6070+1.8771i	1.9007-0.4518i	-2.7867-0.4890i	2.0868-4.3280i	0.7541+0.2533i	-3.3775-0.5429i
57.8	1.3925-1.5331i	2.6404+1.5573i	-40.0090+3.0019i	1.8099-0.4929i	-2.8081-0.2821i	1.8849-4.2531i	0.7552+0.2069i	-3.2131-0.4756i
57.9	1.4207-1.5328i	2.8267+1.4575i	-41.6038+3.6811i	1.7717-0.5417i	-2.9303-0.1056i	2.0603-4.0458i	0.7184+0.1829i	-3.1952-0.3235i
58.0	1.3455-1.6558i	3.0473+1.3654i	-43.0826+4.6743i	1.6450-0.5602i	-2.7424-0.2519i	2.3294-4.3038i	0.6840+0.2067i	-2.9811-0.2763i
58.1	1.3262-1.6898i	3.3526+1.0143i	-43.4404+7.1053i	1.5393-0.6058i	-2.5901-0.0824i	2.4274-4.3755i	0.7094+0.2318i	-2.6343-0.0716i
58.2	1.3016-1.8801i	3.0853+0.6759i	-44.4143+8.3821i	1.4608-0.5238i	-2.4134-0.3080i	2.4076-4.9784i	0.7189+0.1366i	-2.3893-0.7904i
58.3	1.0622-2.0772i	2.8504+0.8263i	-45.4786+10.0928i	1.5302-0.4254i	-2.9896-0.6734i	1.8080-5.4912i	0.5898+0.0227i	-3.1811-1.5599i
58.4	0.8727-1.9850i	3.3883+0.9811i	-46.7696+13.1942i	1.5503-0.5131i	-3.2236-0.2115i	1.5174-5.0282i	0.5042+0.1242i	-3.5970-0.9201i
58.5	0.8563-1.8943i	3.8854+0.6784i	-47.2894+14.7720i	1.5282-0.5762i	-3.3479+0.0646i	1.6739-4.9795i	0.4901+0.2363i	-3.6712-0.5418i
58.6	0.8589-2.0039i	3.9901+0.3127i	-48.1617+15.3547i	1.4910-0.6171i	-3.4084+0.3351i	1.7520-5.2652i	0.5162+0.3102i	-3.7403-0.2561i
58.7	0.7855-2.1265i	4.1328+0.0141i	-49.4489+16.5252i	1.4636-0.6409i	-3.4250+0.5778i	1.7365-5.4493i	0.5248+0.3685i	-3.7661-0.0388i
58.8	0.6799-2.2273i	4.1534-0.3466i	-49.7698+19.2137i	1.4011-0.6808i	-3.3309+0.8037i	1.6008-5.6285i	0.5732+0.4095i	-3.6613+0.1070i
58.9	0.4843-2.2053i	3.9060-0.7744i	-47.2408+23.2380i	1.2963-0.6578i	-3.1618+1.0564i	1.2756-5.5145i	0.6038+0.4582i	-3.5342+0.2741i
59.0	0.4028-2.2060i	4.0785-1.2060i	-46.9144+25.4213i	1.2697-0.6790i	-3.1787+1.3472i	1.1755-5.6549i	0.6353+0.5107i	-3.5009+0.5496i
59.1	0.2798-2.3213i	4.0754-1.4334i	-49.1822+26.7014i	1.2655-0.7305i	-3.1853+1.4222i	1.0867-6.0327i	0.7324+0.5737i	-3.5398+0.7167i
59.2	0.0049-2.4399i	3.8098-1.8040i	-48.8915+30.1721i	1.1675-0.7789i	-2.9853+1.7376i	0.7162-6.2473i	0.8264+0.5982i	-3.4095+0.8726i
59.3	-0.1392-2.4589i	3.6516-2.0505i	-47.2515+33.3133i	1.1441-0.8243i	-2.9740+1.8389i	0.4133-6.2998i	0.8853+0.5853i	-3.3668+1.0651i
59.4	-0.3638-2.5170i	3.5701-2.2266i	-46.9547+37.0108i	1.0764-0.8561i	-2.7843+2.0591i	0.0822-6.4517i	0.9887+0.6146i	-3.2572+1.2697i
59.5	-0.5031-2.5964i	3.6459-2.3905i	-48.8404+40.3116i	1.0621-0.9030i	-2.7941+2.2475i	-0.0270-6.7469i	1.0670+0.6419i	-3.3038+1.4425i
59.6	-0.7836-2.5258i	3.4088-2.6917i	-46.2432+42.3437i	0.9792-0.9107i	-2.5986+2.5265i	-0.3633-6.7057i	1.1894+0.6117i	-3.2076+1.5852i
59.7	-1.0636-2.4912i	3.0756-2.9717i	-43.8567+45.2274i	0.8797-0.9218i	-2.3864+2.7064i	-0.8619-6.7328i	1.2824+0.5287i	-3.0024+1.6627i
59.8	-1.2244-2.5233i	2.9116-3.2565i	-44.2231+47.2955i	0.8377-0.9210i	-2.2128+2.7349i	-1.0751-6.9199i	1.3997+0.5033i	-2.8669+1.6974i
59.9	-1.4901-2.3094i	2.5934-3.4155i	-38.6981+47.3650i	0.7664-0.9082i	-2.0146+2.8390i	-1.4803-6.6125i	1.5033+0.4352i	-2.6339+1.8695i
60.0	-1.7238-2.2196i	2.4303-3.6744i	-37.3488+51.9278i	0.6985-0.9372i	-1.7442+3.0810i	-1.9631-6.6440i	1.5620+0.4351i	-2.6048+2.0470i
60.1	-1.8734-2.2214i	2.2130-3.8829i	-35.5615+55.0560i	0.6503-0.9957i	-1.4966+3.2986i	-2.1514-6.7014i	1.7329+0.3350i	-2.4415+2.2935i
60.2	-2.0103-2.0155i	1.7188-3.9807i	-30.3519+53.1565i	0.5529-0.9646i	-1.0084+3.3612i	-2.2441-6.3275i	1.7521+0.2012i	-2.0637+2.2982i
60.3	-2.2983-1.8563i	1.4104-4.1075i	-29.7993+55.4524i	0.4477-0.9745i	-0.8264+3.3294i	-2.7038-6.3780i	1.8331+0.0866i	-1.9012+2.4256i
60.4	-2.4760-1.6891i	1.0895-4.1086i	-27.7761+57.8400i	0.3472-0.9624i	-0.6368+3.2533i	-2.9710-6.2045i	1.8753-0.0354i	-1.7006+2.4936i
60.5	-2.6573-1.4480i	0.6583-3.9276i	-21.9226+59.5312i	0.2571-0.8955i	-0.2621+3.2678i	-3.2831-5.9399i	1.9243-0.1906i	-1.4809+2.4324i
60.6	-2.8425-1.1197i	0.3549-3.7936i	-20.0578+59.0536i	0.1537-0.8323i	-0.0411+3.2517i	-3.6327-5.6393i	1.9720-0.3613i	-1.1643+2.4205i
60.7	-2.9356-0.9206i	0.3738-3.5956i	-18.4846+58.4371i	0.1120-0.7694i	0.2116+3.0964i	-3.7320-5.4125i	1.9675-0.4647i	-1.0113+2.3077i
60.8	-3.0199-0.6376i	0.3038-3.6872i	-13.0915+58.5347i	0.0684-0.6786i	0.4127+2.9592i	-3.9218-5.1328i	1.9724-0.6140i	-0.7913+2.1617i
60.9	-2.9199-0.2503i	0.2044-3.7663i	-10.5576+56.3887i	0.0840-0.6016i	0.4843+2.8205i	-4.0880-4.7380i	1.9371-0.7434i	-0.6588+2.1278i
61.0	-2.8359-0.0240i	0.0376-3.8312i	-11.4674+54.5817i	0.0773-0.5933i	0.4651+2.7359i	-4.0797-4.5732i	1.8695-0.8480i	-0.5956+2.1379i
61.1	-2.8419+0.1881i	-0.3237-3.8321i	-7.7060+54.8927i	0.0730-0.5344i	0.5300+2.6078i	-4.3076-4.4357i	1.8772-0.9693i	-0.5122+2.0482i
61.2	-2.8357+0.4981i	-0.7624-3.7416i	-6.4419+56.0463i	0.0475-0.4472i	0.7171+2.4328i	-4.6329-4.1495i	1.8515-1.1702i	-0.4006+1.9400i
61.3	-2.7868+0.6665i	-0.9873-3.6411i	-5.6547+55.1201i	-0.0066-0.4219i	0.9737+2.4009i	-4.6207-3.8099i	1.7771-1.2610i	-0.3029+1.8904i
61.4	-2.7298+0.8125i	-1.2655-3.3994i	-5.8526+55.7349i	-0.0165-0.3883i	1.1457+2.2606i	-4.7304-3.5042i	1.7166-1.3696i	-0.2333+1.7873i
61.5	-2.6959+1.1012i	-1.4349-3.1709i	-3.3256+54.7452i	-0.0410-0.3294i	1.2319+2.0769i	-4.9059-3.1743i	1.6374-1.5099i	-0.1574+1.7243i
61.6	-2.5154+1.4166i	-1.6172-2.9269i	-0.6476+54.9042i	-0.0220-0.2418i	1.3153+1.9571i	-4.8892-2.7949i	1.4920-1.6663i	-0.0848+1.6536i
61.7	-2.3736+1.5397i	-1.7221-2.7817i	0.7635+55.8747i	-0.0075-0.1977i	1.3623+1.9047i	-4.8332-2.6317i	1.4072-1.7462i	-0.0224+1.5728i
61.8	-2.1854+1.6952i	-1.8223-2.5461i	1.8257+53.7251i	0.0138-0.1539i	1.3382+1.7172i	-4.7766-2.3820i	1.2995-1.8162i	0.0618+1.4868i
61.9	-1.9544+1.8911i	-1.9153-2.2876i	3.4173+53.3895i	0.0485-0.1164i	1.3462+1.5755i	-4.7387-2.1318i	1.1464-1.8948i	0.1388+1.4472i
62.0	-1.8033+2.0023i	-1.8395-2.0950i	4.5394+52.6160i	0.1052-0.0957i	1.3578+1.4028i	-4.5901-1.8421i	1.0631-1.9542i	0.0799+1.4130i
62.1	-1.6852+2.1368i	-2.0105-1.8690i	4.8977+52.3564i	0.0816-0.0246i	1.4546+1.2121i	-4.6017-1.6753i	0.9333-2.0783i	0.1497+1.2151i
62.2	-1.4390+2.1691i	-1.9764-1.6970i	7.3643+50.6162i	0.1210-0.0234i	1.4543+1.1841i	-4.4833-1.4521i	0.7776-2.0710i	0.1615+1.1584i
62.3	-1.2139+2.2489i	-1.9056-1.5404i	9.4952+49.5058i	0.1661-0.0022i	1.3581+1.0361i	-4.2990-1.2849i	0.6622-2.0795i	0.2032+1.1543i

62.4	−1.0567+2.3147i	−1.9168−1.3112i	9.6025+50.0889i	0.1914+0.0372i	1.3510+0.8880i	−4.2008−1.1677i	0.4833−2.1104i	0.1764+1.0118i
62.5	−0.8700+2.2842i	−1.8830−1.1233i	10.9772+49.1670i	0.2214+0.0474i	1.3478+0.8632i	−4.1608−1.0153i	0.3324−2.1130i	0.1615+0.8925i
62.6	−0.7183+2.2757i	−1.8342−1.0157i	12.8480+48.2505i	0.2364+0.0576i	1.3127+0.8202i	−4.1739−0.9200i	0.2300−2.1030i	0.2002+0.8735i
62.7	−0.5159+2.2134i	−1.7042−0.9074i	13.4433+48.8908i	0.2638+0.0447i	1.2186+0.7570i	−3.9872−0.8250i	0.0885−2.0240i	0.1735+0.8383i
62.8	−0.3386+2.1766i	−1.6395−0.8418i	14.5251+46.6929i	0.3175+0.0364i	1.2240+0.6769i	−3.8566−0.6684i	0.0034−2.0014i	0.1948+0.8007i
62.9	−0.2160+2.1280i	−1.5277−0.7535i	15.0621+44.9837i	0.3538+0.0221i	1.2643+0.6245i	−3.6819−0.4588i	−0.0730−1.9394i	0.1654+0.8029i
63.0	−0.1107+2.0982i	−1.4698−0.6419i	15.8212+43.7062i	0.3702+0.0296i	1.2360+0.6008i	−3.5796−0.3222i	−0.2005−1.8884i	0.1095+0.7200i
63.1	0.0541+2.0667i	−1.4301−0.5733i	17.5441+42.3300i	0.4036+0.0155i	1.1881+0.5221i	−3.4719−0.1993i	−0.2991−1.8426i	0.1287+0.7046i
63.2	0.1385+2.0021i	−1.3612−0.5467i	17.4966+42.4514i	0.4107−0.0003i	1.2471+0.4922i	−3.4122−0.1216i	−0.3541−1.7900i	0.1381+0.6742i
63.3	0.2200+1.9335i	−1.3370−0.4637i	16.3377+42.1726i	0.4206+0.0000i	1.1961+0.3402i	−3.3417−0.1253i	−0.4376−1.7549i	0.1291+0.6124i
63.4	0.2922+1.8119i	−1.2286−0.4110i	16.3693+40.4477i	0.4408−0.0330i	1.1585+0.3184i	−3.1268−0.0270i	−0.5010−1.6885i	0.1132+0.5803i
63.5	0.4128+1.8144i	−1.2422−0.3633i	20.0348+40.7991i	0.4708−0.0134i	1.2411+0.3042i	−3.1643+0.0929i	−0.5935−1.6460i	0.1215+0.5452i
63.6	0.5921+1.7395i	−1.2561−0.3338i	22.3841+41.4527i	0.5360−0.0322i	1.2058+0.2481i	−3.2261+0.1774i	−0.6863−1.5678i	0.1354+0.5457i
63.7	0.6404+1.5976i	−1.1770−0.3390i	21.1676+39.6699i	0.5523−0.0907i	1.1614+0.2278i	−3.0701+0.2092i	−0.7206−1.5106i	0.1345+0.5109i
63.8	0.7331+1.4725i	−1.1307−0.2887i	21.3475+38.4260i	0.5595−0.1493i	1.1729+0.2453i	−2.8415+0.3561i	−0.7669−1.4122i	0.1536+0.5286i
63.9	0.7926+1.3815i	−1.1596−0.2514i	20.8880+35.5819i	0.5675−0.1796i	1.1593+0.1830i	−2.7173+0.3509i	−0.8133−1.3401i	0.1427+0.4821i
64.0	0.8295+1.2410i	−1.1185−0.1676i	21.4935+34.8980i	0.5881−0.2411i	1.0477+0.0883i	−2.6757+0.4498i	−0.8349−1.2598i	0.1319+0.4713i
64.1	0.8220+1.1501i	−1.1148−0.1043i	22.2351+33.0624i	0.5638−0.2700i	1.0373+0.0708i	−2.5477+0.4621i	−0.8610−1.2076i	0.1414+0.4316i
64.2	0.8346+1.0044i	−1.0618+0.0116i	23.8087+32.8178i	0.5391−0.3069i	0.9913+0.0235i	−2.3963+0.5033i	−0.8728−1.0916i	0.1422+0.3926i
64.3	0.7656+0.9796i	−1.0012+0.0903i	24.5150+35.4560i	0.5160−0.3134i	0.9777−0.0886i	−2.4095+0.5884i	−0.8528−1.0518i	0.1434+0.3399i
64.4	0.7126+0.9602i	−0.8326+0.1130i	26.6558+33.9669i	0.5140−0.3235i	1.0620−0.1086i	−2.2509+0.7317i	−0.8661−1.0037i	0.1138+0.3154i
64.5	0.7183+0.8673i	−0.7217+0.2145i	27.4695+31.1320i	0.4832−0.3905i	0.9957−0.1320i	−2.0559+0.8206i	−0.8425−0.9328i	0.1092+0.2868i
64.6	0.7110+0.8171i	−0.6379+0.1866i	25.7576+29.3274i	0.4531−0.4305i	0.9518−0.1525i	−1.9025+0.8006i	−0.8311−0.8879i	0.1235+0.2980i
64.7	0.6952+0.7773i	−0.5627+0.1532i	24.3759+28.6992i	0.4302−0.4470i	0.8692−0.1643i	−1.7857+0.7460i	−0.8303−0.8660i	0.1187+0.2804i
64.8	0.6939+0.7421i	−0.5170+0.1484i	24.8132+29.4658i	0.4080−0.4505i	0.7776−0.2414i	−1.6638+0.6746i	−0.8118−0.8309i	0.1339+0.2767i
64.9	0.6740+0.7400i	−0.4174+0.1273i	26.3036+30.7495i	0.3701−0.4345i	0.8050−0.1911i	−1.5961+0.6751i	−0.8357−0.7869i	0.0931+0.2763i
65.0	0.6591+0.7380i	−0.4072+0.0693i	25.4103+28.7553i	0.3470−0.4610i	0.8769−0.2445i	−1.5405+0.7273i	−0.8406−0.7648i	0.0675+0.2550i
65.1	0.6464+0.6240i	−0.3622+0.0821i	25.5653+23.5306i	0.3168−0.5173i	0.7840−0.3529i	−1.4047+0.6617i	−0.8440−0.7059i	0.0503+0.2243i
65.2	0.6686+0.6201i	−0.2881+0.0389i	24.5657+23.8009i	0.3011−0.5207i	0.6892−0.3163i	−1.3138+0.6513i	−0.8458−0.6981i	0.0265+0.2124i
65.3	0.6580+0.5787i	−0.2764−0.0139i	24.7038+25.9345i	0.2551−0.5158i	0.6700−0.3386i	−1.2293+0.6472i	−0.8366−0.6443i	0.0481+0.1998i
65.4	0.6433+0.5544i	−0.2697−0.0505i	23.4970+25.3365i	0.2375−0.5210i	0.6280−0.3462i	−1.1852+0.5620i	−0.8299−0.6198i	0.0159+0.2026i
65.5	0.5878+0.5369i	−0.2490−0.0981i	24.0788+25.2583i	0.1865−0.5261i	0.5744−0.3209i	−1.1156+0.5589i	−0.8159−0.5953i	0.0107+0.1906i
65.6	0.5790+0.4904i	−0.1872−0.1855i	26.2001+20.0139i	0.1805−0.5586i	0.5993−0.3148i	−1.0017+0.5810i	−0.8025−0.5799i	0.0133+0.2027i
65.7	0.5897+0.4744i	−0.1622−0.2147i	24.9767+18.4627i	0.1520−0.5713i	0.5712−0.2620i	−0.8920+0.5982i	−0.7991−0.5591i	−0.0081+0.1891i
65.8	0.5626+0.4885i	−0.1830−0.2477i	25.7016+21.9276i	0.1150−0.5354i	0.6015−0.1985i	−0.8312+0.5949i	−0.7820−0.5226i	0.0172+0.1731i
65.9	0.5737+0.4654i	−0.2282−0.2106i	25.1023+20.2521i	0.0692−0.5396i	0.4756−0.2409i	−0.7793+0.5400i	−0.7853−0.4954i	0.0545+0.1894i
66.0	0.5646+0.4583i	−0.2815−0.1990i	22.2462+18.6195i	0.0294−0.5404i	0.4412−0.2530i	−0.7065+0.4723i	−0.7860−0.4843i	0.0415+0.1695i
66.1	0.5434+0.4406i	−0.2696−0.2006i	24.1882+21.3920i	0.0349−0.5167i	0.4638−0.2863i	−0.6758+0.4338i	−0.7807−0.4562i	0.0147+0.1380i
66.2	0.5690+0.3842i	−0.2489−0.2171i	26.4786+18.0262i	0.0329−0.5404i	0.3716−0.2944i	−0.5970+0.4018i	−0.7514−0.4414i	0.0270+0.1350i
66.3	0.6274+0.3634i	−0.2942−0.2853i	25.6605+16.0633i	0.0242−0.5917i	0.3862−0.3288i	−0.4804+0.4203i	−0.7455−0.4250i	0.0318+0.1524i
66.4	0.6187+0.3423i	−0.3017−0.2950i	26.0270+17.2282i	−0.0008−0.5902i	0.4859−0.3255i	−0.4420+0.4124i	−0.7577−0.4213i	0.0200+0.1423i
66.5	0.5395+0.2634i	−0.3304−0.2739i	26.4913+15.4107i	−0.0605−0.5840i	0.3536−0.3306i	−0.3625+0.3089i	−0.7404−0.3975i	−0.0046+0.1055i
66.6	0.4824+0.2070i	−0.3600−0.2192i	26.5573+15.2079i	−0.1157−0.5802i	0.3090−0.3052i	−0.3291+0.2078i	−0.7277−0.3804i	0.0171+0.0921i
66.7	0.4818+0.2126i	−0.4207−0.2814i	26.9377+16.7907i	−0.1502−0.6140i	0.2976−0.3361i	−0.2483+0.2616i	−0.7278−0.4044i	0.0214+0.0622i
66.8	0.4338+0.2009i	−0.4754−0.2971i	24.5805+15.3472i	−0.2107−0.6336i	0.2442−0.2937i	−0.2178+0.2040i	−0.7438−0.4201i	−0.0100+0.0512i
66.9	0.3746+0.1644i	−0.4649−0.2044i	21.3878+13.7787i	−0.2970−0.6190i	0.2785−0.2648i	−0.1719+0.0959i	−0.7394−0.3840i	−0.0068+0.0735i
67.0	0.3653+0.1356i	−0.3939−0.1832i	25.2689+14.2727i	−0.3392−0.6107i	0.2458−0.2378i	−0.1320+0.1303i	−0.7233−0.3551i	−0.0055+0.0921i
67.1	0.3282+0.1396i	−0.4340−0.1644i	28.3582+15.5543i	−0.3854−0.5813i	0.2782−0.2965i	−0.1141+0.1450i	−0.7116−0.3401i	0.0025+0.0541i
67.2	0.2505+0.1628i	−0.3712−0.1378i	26.3892+17.8916i	−0.4630−0.5137i	0.3237−0.2707i	−0.0406+0.0657i	−0.7053−0.3199i	−0.0082+0.0528i
67.3	0.2391+0.1087i	−0.3753−0.2784i	25.7093+11.2984i	−0.4987−0.5706i	0.3337−0.2281i	0.0388+0.0913i	−0.7181−0.3304i	0.0109+0.0912i
67.4	0.1842+0.1216i	−0.3674−0.1910i	20.6657+9.5777i	−0.5692−0.5363i	0.3024−0.2133i	0.0506−0.0783i	−0.7273−0.3230i	0.0263+0.1119i
67.5	0.1204+0.1826i	−0.3516+0.0156i	20.0424+12.4708i	−0.6316−0.4247i	0.3475−0.2315i	0.0487−0.2097i	−0.7281−0.2868i	0.0270+0.0586i
67.6	0.1600+0.2154i	−0.3352+0.0522i	22.6405+11.7802i	−0.6523−0.4097i	0.3013−0.3492i	0.1128−0.1554i	−0.7553−0.2848i	−0.0021+0.0378i
67.7	0.0969+0.2151i	−0.2829+0.0131i	23.1923+12.2045i	−0.6854−0.3439i	0.2730−0.2974i	0.1344−0.2335i	−0.7209−0.2753i	0.0155+0.0330i
67.8	0.0715+0.2196i	−0.2718+0.0323i	22.1938+14.1063i	−0.7415−0.2995i	0.2948−0.3167i	0.1716−0.3131i	−0.7288−0.2721i	0.0298−0.0070i
67.9	0.0533+0.2840i	−0.3962+0.0627i	17.5048+11.8576i	−0.8234−0.2719i	0.3581−0.3017i	0.3237−0.3977i	−0.7763−0.2993i	0.0208−0.0049i
68.0	0.0601+0.3077i	−0.3550+0.0303i	21.9600+12.8175i	−0.8316−0.2255i	0.3289−0.3221i	0.3761−0.3622i	−0.7730−0.2757i	−0.0080−0.0033i
68.1	0.0410+0.3307i	−0.2074+0.0730i	20.9523+11.5573i	−0.8520−0.1826i	0.2306−0.3744i	0.3509−0.4290i	−0.7760−0.2550i	−0.0354+0.0129i
68.2	−0.0180+0.3649i	−0.2018+0.1215i	18.2690+11.4251i	−0.9250−0.0815i	0.3031−0.2745i	0.4098−0.6112i	−0.7904−0.2429i	−0.0246−0.0186i
68.3	0.0300+0.4080i	−0.2205+0.0431i	21.4002+10.6663i	−0.9290−0.0380i	0.4030−0.2798i	0.4559−0.6019i	−0.8160−0.2489i	−0.0434−0.0269i
68.4	0.0523+0.3985i	−0.1248−0.0008i	23.1989+8.7229i	−0.9335+0.0056i	0.3137−0.3084i	0.4396−0.6532i	−0.8042−0.2270i	−0.0351−0.0158i
68.5	0.0491+0.4008i	−0.0624+0.0061i	20.4894+6.6960i	−0.9469+0.0981i	0.2858−0.2900i	0.4357−0.7977i	−0.7993−0.1905i	−0.0259−0.0398i
68.6	0.0191+0.4704i	0.0025+0.0020i	20.6652+15.0337i	−0.9597+0.2238i	0.3116−0.3000i	0.3999−0.9164i	−0.7953−0.1342i	−0.0369−0.0108i

68.7	0.0097+0.4628i	-0.0616-0.1088i	21.0749+10.7645i	-1.0123+0.2637i	0.2857-0.3345i	0.5146-1.0147i	-0.8242-0.1405i	-0.0426-0.0030i
68.8	0.0628+0.5035i	-0.1477-0.0734i	18.4635+13.8511i	-1.0198+0.3477i	0.2767-0.3676i	0.5689-1.1115i	-0.8656-0.1045i	-0.0362-0.0262i
68.9	0.0191+0.5816i	-0.0522-0.0538i	17.8568+13.3634i	-0.9852+0.4943i	0.1675-0.3663i	0.4359-1.3234i	-0.8434-0.0693i	-0.0687-0.0435i
69.0	0.0743+0.5475i	-0.0922-0.0589i	18.4991+7.8497i	-1.0089+0.5004i	0.2595-0.3644i	0.5765-1.3011i	-0.8898-0.0611i	-0.0930-0.0475i
69.1	0.1223+0.5454i	-0.0687-0.0465i	18.8211+6.3040i	-1.0333+0.5262i	0.2454-0.4309i	0.6151-1.2799i	-0.9218-0.0258i	-0.1104-0.0689i
69.2	0.1436+0.5477i	-0.0701-0.0709i	16.1901+6.6969i	-1.0563+0.6330i	0.1970-0.3976i	0.6684-1.4731i	-0.9561+0.0475i	-0.1081-0.0533i
69.3	0.1156+0.5139i	-0.0397-0.1922i	19.9041+8.9887i	-1.0123+0.7380i	0.3416-0.3002i	0.5874-1.6254i	-0.9160+0.1112i	-0.1067-0.0320i
69.4	0.1063+0.4924i	-0.0551-0.2388i	16.1150+9.3097i	-1.0147+0.8604i	0.2846-0.2970i	0.5160-1.7876i	-0.9029+0.1730i	-0.1173-0.0242i
69.5	0.0879+0.5227i	-0.1317-0.2224i	20.2943+8.7151i	-1.0288+0.9410i	0.2254-0.3359i	0.4895-1.8380i	-0.8965+0.2181i	-0.1121-0.0278i
69.6	0.0417+0.5331i	-0.2349-0.1151i	17.5358+10.9178i	-1.0466+1.1033i	0.2972-0.4927i	0.5093-2.0553i	-0.8623+0.2864i	-0.0764-0.0443i
69.7	0.0852+0.5267i	-0.1076+0.1190i	19.7170+16.6915i	-0.8926+1.2773i	0.1942-0.5535i	0.2905-2.3657i	-0.7735+0.4125i	-0.1039-0.0486i
69.8	0.0953+0.5152i	-0.1173+0.2024i	16.5380+14.2566i	-0.8526+1.4184i	0.1520-0.5808i	0.2834-2.6361i	-0.7735+0.5075i	-0.1137-0.0289i
69.9	-0.0032+0.6007i	-0.0668+0.1218i	20.2859+11.9626i	-0.8288+1.5437i	0.2289-0.5689i	0.1636-2.7148i	-0.7477+0.4998i	-0.1087-0.0486i
70.0	-0.0055+0.5394i	-0.0233+0.2032i	17.7254+13.2860i	-0.8265+1.6874i	0.2040-0.5831i	0.1725-2.8946i	-0.7248+0.6513i	-0.1309-0.0338i
70.1	0.0134+0.5747i	0.0464+0.2152i	15.7454+9.2860i	-0.6632+1.7539i	0.1027-0.6582i	-0.0402-2.9761i	-0.6149+0.6906i	-0.1277-0.0223i
70.2	-0.0086+0.6161i	0.0604+0.1572i	18.3335+8.9541i	-0.5083+1.8525i	0.0411-0.6097i	-0.2089-2.9887i	-0.5062+0.7006i	-0.1067-0.0346i
70.3	-0.0242+0.6473i	0.1312+0.1114i	17.7354+9.3893i	-0.3232+1.9829i	-0.0149-0.6056i	-0.4830-3.1039i	-0.3532+0.7278i	-0.0779-0.0330i
70.4	-0.0406+0.8029i	0.2094+0.0720i	19.3582+13.3057i	-0.0613+2.1163i	-0.1164-0.5929i	-0.8774-3.2113i	-0.2046+0.6910i	-0.1021-0.0383i
70.5	-0.0740+0.8854i	0.1821+0.1180i	14.6943+14.9523i	0.1605+2.2396i	-0.0481-0.6100i	-1.1535-3.3913i	-0.0998+0.6774i	-0.0821-0.0683i
70.6	-0.0528+0.9633i	0.2507+0.1848i	13.4381+19.0532i	0.4253+2.2170i	-0.1187-0.5771i	-1.5183-3.3529i	0.0059+0.6573i	-0.1011-0.0634i
70.7	0.0313+1.0383i	0.3159+0.0996i	19.1078+15.6788i	0.6141+2.2157i	-0.0833-0.5871i	-1.7487-3.3479i	0.0606+0.5869i	-0.0957-0.0279i
70.8	0.1058+1.0393i	0.3755+0.1123i	23.9713+13.8187i	0.8344+2.0175i	-0.0475-0.5767i	-1.9527-3.1425i	0.1260+0.5188i	-0.0940-0.0375i
70.9	0.1683+1.1205i	0.4634+0.1375i	27.8345+13.7916i	1.0402+1.9640i	-0.0903-0.5657i	-2.1986-3.0488i	0.2084+0.4818i	-0.0713-0.0468i
71.0	0.2869+1.1972i	0.4927+0.0991i	20.1630+10.9543i	1.2015+1.9499i	-0.1465-0.5603i	-2.3331-2.9570i	0.2636+0.4326i	-0.0695-0.0340i
71.1	0.4018+1.2148i	0.5626+0.0373i	21.7072+9.3656i	1.3644+1.7393i	-0.3019-0.5684i	-2.4509-2.7130i	0.3575+0.3335i	-0.0576-0.0227i
71.2	0.4369+1.1728i	0.7158+0.0447i	25.1733+13.5595i	1.4991+1.5296i	-0.2840-0.6410i	-2.5961-2.5460i	0.4630+0.2612i	-0.0385-0.0390i
71.3	0.4640+1.0957i	0.7965+0.0198i	20.7297+18.0118i	1.5047+1.3892i	-0.3147-0.5911i	-2.6561-2.4791i	0.4645+0.1953i	-0.0339-0.0389i
71.4	0.6424+1.1481i	0.8516-0.2681i	27.8509+12.5963i	1.5933+1.1763i	-0.4316-0.5061i	-2.8479-2.0860i	0.4772+0.0050i	-0.0355-0.0524i
71.5	0.7306+1.1064i	0.8170-0.4420i	22.7090+11.7476i	1.5935+0.9669i	-0.5100-0.4567i	-2.8460-1.8564i	0.4406-0.1586i	-0.0313-0.1026i
71.6	0.7569+0.9977i	0.7202-0.5562i	20.9037+9.3420i	1.5094+0.8223i	-0.4558-0.3603i	-2.7281-1.6999i	0.3480-0.2549i	-0.0270-0.1464i
71.7	0.7617+1.0384i	0.8539-0.5471i	25.7247+14.8808i	1.5349+0.7844i	-0.4925-0.3296i	-2.8612-1.6817i	0.4116-0.2831i	-0.0351-0.1304i
71.8	0.8934+0.9958i	0.7741-0.6948i	21.9604+14.5213i	1.5028+0.6775i	-0.6059-0.2545i	-2.8387-1.5214i	0.3276-0.4108i	-0.0501-0.1394i
71.9	0.8725+0.9287i	0.7967-0.7576i	24.9139+17.1552i	1.5129+0.5885i	-0.6077-0.2761i	-2.9211-1.4203i	0.3176-0.4447i	-0.0356-0.1751i
72.0	0.9577+0.9284i	0.7095-0.8974i	26.7994+13.1621i	1.5302+0.5300i	-0.5889-0.2216i	-2.9939-1.2491i	0.2242-0.5231i	-0.0710-0.1870i
72.1	1.1170+0.8463i	0.3676-1.0175i	18.5477+8.5309i	1.4970+0.3967i	-0.5525-0.1055i	-2.9087-0.9367i	-0.0328-0.5992i	-0.1254-0.1985i
72.2	1.1304+0.8083i	0.3954-1.0448i	20.9392+11.3539i	1.4818+0.3571i	-0.5422-0.0755i	-2.8771-0.9550i	-0.0191-0.6337i	-0.0926-0.1986i
72.3	1.1296+0.7786i	0.4061-1.1130i	23.9282+8.6307i	1.4571+0.3478i	-0.5467-0.0774i	-2.8733-0.9300i	-0.0462-0.6589i	-0.0855-0.2135i
72.4	1.1672+0.7906i	0.3863-1.1812i	24.4633+11.2924i	1.4862+0.3146i	-0.5805+0.0007i	-3.0156-0.8684i	-0.0894-0.6685i	-0.0919-0.2165i
72.5	1.1898+0.7107i	0.2385-1.1847i	21.6526+15.7828i	1.4267+0.2633i	-0.4974+0.0754i	-2.9276-0.7884i	-0.1858-0.6769i	-0.0982-0.2522i
72.6	1.2000+0.6043i	0.1126-1.1987i	18.0940+13.3422i	1.4421+0.2113i	-0.4315+0.0655i	-2.9070-0.6674i	-0.2603-0.6638i	-0.1312-0.2767i
72.7	1.2419+0.4949i	-0.0363-1.2327i	17.3089+15.0505i	1.4511+0.1520i	-0.3974+0.1257i	-2.8873-0.4729i	-0.3555-0.6178i	-0.1544-0.2873i
72.8	1.2102+0.4357i	-0.1437-1.1599i	18.1922+18.8447i	1.3979+0.1059i	-0.3713+0.2377i	-2.7963-0.4067i	-0.4023-0.5468i	-0.1859-0.2636i
72.9	1.2222+0.3497i	-0.2789-1.1163i	20.5542+19.4701i	1.3883+0.0565i	-0.2856+0.2664i	-2.7217-0.3575i	-0.4703-0.5181i	-0.2118-0.2573i
73.0	1.2855+0.3022i	-0.3627-1.1452i	24.3726+17.6768i	1.4080+0.0149i	-0.2682+0.2757i	-2.6747-0.2460i	-0.5001-0.5369i	-0.2271-0.2746i
73.1	1.3009+0.2896i	-0.3774-1.1356i	28.4680+16.3612i	1.3999+0.0176i	-0.3291+0.2792i	-2.7031-0.2128i	-0.4972-0.5040i	-0.2281-0.2940i
73.2	1.2301+0.2693i	-0.4127-1.0469i	25.5535+18.3150i	1.3402-0.0109i	-0.2603+0.2410i	-2.6841-0.2196i	-0.5185-0.4309i	-0.2183-0.2695i
73.3	1.2143+0.2252i	-0.4725-0.9328i	21.3227+25.1690i	1.3378-0.0401i	-0.1923+0.2532i	-2.6974-0.2799i	-0.5590-0.3911i	-0.2624-0.2505i
73.4	1.1897+0.2096i	-0.4871-0.8581i	21.5556+28.8361i	1.3536-0.0943i	-0.1857+0.2254i	-2.6814-0.1685i	-0.5150-0.3264i	-0.2609-0.2362i
73.5	1.1931+0.1444i	-0.5649-0.7799i	26.3312+26.0133i	1.3335-0.1144i	-0.2190+0.2416i	-2.5574-0.1098i	-0.5177-0.2808i	-0.2796-0.2152i
73.6	1.1820+0.1116i	-0.5397-0.7082i	27.8951+22.0417i	1.2941-0.1432i	-0.2188+0.2163i	-2.5236-0.1034i	-0.5027-0.2793i	-0.2686-0.2106i
73.7	1.1745-0.0507i	-0.5925-0.5510i	24.5771+25.8553i	1.2902-0.2414i	-0.1232+0.1997i	-2.4524-0.0151i	-0.5389-0.1882i	-0.3060-0.2065i
73.8	1.1658-0.0594i	-0.5043-0.5383i	31.1026+30.9979i	1.2606-0.2728i	-0.1706+0.1665i	-2.5117+0.0157i	-0.4764-0.2073i	-0.2794-0.2226i
73.9	1.1332-0.1196i	-0.4841-0.5306i	34.7742+34.3308i	1.2383-0.3392i	-0.1568+0.2236i	-2.5068+0.1297i	-0.4724-0.2139i	-0.2926-0.2323i
74.0	1.0697-0.1674i	-0.4775-0.4761i	33.5805+30.4004i	1.2136-0.3809i	-0.0724+0.2387i	-2.4375+0.1525i	-0.4612-0.1831i	-0.2944-0.2174i
74.1	1.0069-0.2575i	-0.5136-0.4182i	33.8960+28.6469i	1.2093-0.4093i	-0.0140+0.2488i	-2.3978+0.1770i	-0.4800-0.1457i	-0.3113-0.2112i
74.2	1.0222-0.2299i	-0.4338-0.4443i	40.6171+33.8653i	1.2237-0.3646i	-0.1125+0.2714i	-2.5619+0.1289i	-0.4508-0.1615i	-0.3162-0.2419i
74.3	0.8765-0.2560i	-0.4033-0.3694i	44.9257+31.9848i	1.1676-0.4485i	-0.0704+0.2451i	-2.4511+0.2214i	-0.4093-0.1031i	-0.3364-0.2079i
74.4	0.8775-0.2844i	-0.4285-0.3861i	44.8066+28.5554i	1.1171-0.4897i	-0.0050+0.2870i	-2.3887+0.2625i	-0.4382-0.1284i	-0.3402-0.2112i
74.5	0.8418-0.3417i	-0.4166-0.3710i	49.5508+23.5335i	1.1443-0.5024i	0.0062+0.2597i	-2.4497+0.3150i	-0.4290-0.1052i	-0.3731-0.2179i
74.6	0.7813-0.2860i	-0.3464-0.3555i	52.7940+26.6861i	1.0850-0.4880i	-0.0921+0.1760i	-2.4282+0.3052i	-0.3624-0.1328i	-0.3547-0.2150i
74.7	0.7759-0.2483i	-0.3435-0.3553i	55.7349+26.6105i	1.0259-0.4978i	-0.1276+0.2015i	-2.3398+0.3811i	-0.3468-0.1449i	-0.3527-0.1962i
74.8	0.7853-0.2137i	-0.3153-0.3821i	57.8409+22.1380i	1.0891-0.4599i	-0.0722+0.1705i	-2.3932+0.3917i	-0.3192-0.1652i	-0.3621-0.2101i
74.9	0.7260-0.2446i	-0.3053-0.3763i	56.0664+20.6555i	1.0867-0.4773i	-0.0228+0.1882i	-2.4502+0.4620i	-0.3070-0.1691i	-0.3675-0.2116i

75.0	0.7089−0.2392i	−0.2758−0.3826i	60.8765+17.0437i	1.0520−0.5172i	−0.0817+0.3170i	−2.4180+0.5444i	−0.2629−0.1940i	−0.3646−0.2050i
75.1	0.7362−0.2108i	−0.2521−0.4050i	66.2684+13.3524i	1.0618−0.4849i	−0.0740+0.3459i	−2.3912+0.5493i	−0.2239−0.2227i	−0.3571−0.2058i
75.2	0.6786−0.2534i	−0.2798−0.3601i	67.4951+10.9118i	1.0031−0.5115i	−0.0310+0.3007i	−2.3022+0.6817i	−0.2215−0.1861i	−0.3613−0.1786i
75.3	0.6147−0.2385i	−0.2742−0.3027i	65.5059+8.4662i	0.9785−0.5771i	−0.0058+0.2348i	−2.2788+0.7971i	−0.2098−0.1818i	−0.3864−0.1623i
75.4	0.6173−0.1934i	−0.2456−0.3464i	67.4137+6.0254i	0.9838−0.5766i	−0.0315+0.1895i	−2.3219+0.7605i	−0.1955−0.2454i	−0.3820−0.1799i
75.5	0.5998−0.2287i	−0.2665−0.3379i	70.2696+7.7005i	0.9923−0.5841i	−0.0056+0.2003i	−2.3833+0.8340i	−0.2050−0.2447i	−0.3890−0.1726i
75.6	0.5674−0.2734i	−0.2592−0.2846i	77.3435+7.7540i	1.0675−0.5663i	0.0061+0.2828i	−2.4865+0.9225i	−0.1826−0.1953i	−0.4093−0.1714i
75.7	0.5698−0.2332i	−0.2521−0.2885i	73.6458+0.9242i	1.0401−0.6070i	0.0451+0.3129i	−2.3919+1.0285i	−0.1621−0.2513i	−0.4032−0.1692i
75.8	0.5689−0.2051i	−0.2493−0.2972i	73.6039−9.8216i	1.0533−0.6936i	0.0885+0.2672i	−2.2789+1.1315i	−0.1298−0.3172i	−0.3965−0.1595i
75.9	0.5253−0.1959i	−0.1961−0.2783i	75.8353−12.2428i	1.0824−0.7468i	0.0499+0.2837i	−2.2357+1.2488i	−0.0781−0.3429i	−0.3854−0.1549i
76.0	0.5038−0.2404i	−0.2238−0.2846i	80.5579−10.8448i	1.1404−0.7862i	0.2202+0.3138i	−2.2563+1.4438i	−0.0803−0.3569i	−0.4188−0.1583i
76.1	0.4378−0.1835i	−0.1713−0.2425i	79.7652−13.6370i	1.1004−0.8618i	0.1862+0.2195i	−2.1582+1.5329i	−0.0270−0.3799i	−0.4120−0.1217i
76.2	0.3994−0.1473i	−0.1510−0.2192i	74.4778−23.4102i	1.0493−0.9902i	0.1791+0.1618i	−2.0296+1.7558i	−0.0300−0.4066i	−0.4084−0.0879i
76.3	0.4069−0.1458i	−0.1420−0.2069i	76.2771−25.4675i	1.0356−1.0148i	0.1922+0.1801i	−1.9722+1.7989i	−0.0266−0.4592i	−0.3920−0.0940i
76.4	0.3754−0.1690i	−0.1252−0.1661i	77.9881−26.9235i	1.0475−1.0860i	0.2189+0.1702i	−1.8486+1.8776i	0.0001−0.4923i	−0.3988−0.0858i
76.5	0.3141−0.1272i	−0.0354−0.1424i	74.8583−36.3372i	1.0174−1.2931i	0.1831+0.0524i	−1.7735+2.2251i	0.0306−0.5410i	−0.3912−0.0346i
76.6	0.3300−0.0701i	−0.0052−0.1827i	70.5722−38.1923i	0.9097−1.3433i	0.1763+0.0361i	−1.5430+2.3394i	0.0098−0.6177i	−0.3727−0.0561i
76.7	0.4172+0.0336i	0.0203−0.2349i	66.1421−40.6410i	0.8307−1.3530i	0.0997+0.1401i	−1.3652+2.4038i	0.0073−0.7610i	−0.3418−0.1185i
76.8	0.4045−0.0449i	0.0225−0.1645i	75.5307−45.2985i	0.8684−1.5357i	0.2180+0.1602i	−1.3188+2.8281i	−0.0227−0.7599i	−0.3943−0.0625i
76.9	0.3714−0.0025i	0.0996−0.1552i	75.6116−51.0703i	0.7363−1.6695i	0.2790+0.0576i	−0.8924+2.9503i	−0.0192−0.8470i	−0.3733−0.0282i
77.0	0.3825−0.0044i	0.1270−0.2012i	71.9962−55.9078i	0.6117−1.7662i	0.1846−0.0140i	−0.5690+3.1040i	−0.0300−0.9278i	−0.3384−0.0408i
77.1	0.3620−0.0062i	0.1797−0.2607i	68.4948−63.8438i	0.4326−1.8339i	0.0846−0.0598i	−0.1494+3.0724i	−0.0662−1.0386i	−0.3101−0.0486i
77.2	0.4373+0.0123i	0.2095−0.3227i	60.9016−68.6401i	0.2201−1.8145i	0.0065+0.0673i	0.4598+2.8855i	−0.1170−1.1677i	−0.2825−0.1148i
77.3	0.4904+0.0572i	0.2213−0.3434i	57.3498−66.3226i	0.1425−1.7408i	0.0949+0.1315i	0.6104+2.6781i	−0.1920−1.2721i	−0.2992−0.1720i
77.4	0.4443+0.1019i	0.2866−0.3745i	58.5661−70.5133i	0.0547−1.7885i	0.1887+0.1197i	0.7167+2.7848i	−0.2867−1.3745i	−0.3389−0.1815i
77.5	0.4383+0.1884i	0.3061−0.4523i	51.2423−74.2511i	−0.1904−1.7564i	0.1491+0.0665i	1.0754+2.7904i	−0.4742−1.4219i	−0.3429−0.1592i
77.6	0.4756+0.2513i	0.3292−0.5843i	40.3366−84.3882i	−0.5093−1.7812i	0.1818−0.0170i	1.6957+2.5764i	−0.6776−1.4999i	−0.3475−0.1301i
77.7	0.5667+0.3054i	0.3969−0.7457i	34.4615−88.8166i	−0.7183−1.7224i	0.1286+0.1117i	2.1518+2.1504i	−0.7928−1.6924i	−0.3234−0.1877i
77.8	0.6601+0.3395i	0.3701−0.8260i	26.5019−83.1266i	−0.8137−1.5018i	0.0830+0.1510i	2.2699+1.6518i	−0.8993−1.7441i	−0.2955−0.2627i
77.9	0.6963+0.3276i	0.3386−0.9126i	22.3798−83.8387i	−0.9332−1.4437i	0.0921+0.1390i	2.4688+1.3819i	−1.0636−1.7439i	−0.3075−0.2666i
78.0	0.7425+0.2944i	0.2134−0.9469i	13.3818−82.0482i	−1.0370−1.2014i	0.0975+0.0934i	2.4575+0.9187i	−1.3094−1.5861i	−0.3743−0.2342i
78.1	0.8576+0.2870i	0.1215−0.9788i	9.4972−78.4224i	−1.0479−1.0273i	0.1012+0.0843i	2.6916+0.7034i	−1.4378−1.4785i	−0.3824−0.2347i
78.2	1.0083+0.1983i	0.0466−1.0646i	8.0077−75.1432i	−1.0387−0.8859i	0.1083+0.1005i	2.7696+0.3013i	−1.5874−1.5080i	−0.4155−0.3050i
78.3	1.0584+0.1290i	−0.0376−1.0930i	1.5217−78.4295i	−1.1220−0.7165i	0.0556+0.0752i	2.8016−0.2231i	−1.7834−1.4425i	−0.4376−0.3152i
78.4	1.1086+0.0626i	−0.1137−1.1085i	−5.4325−73.2933i	−1.1608−0.5321i	0.0946+0.1211i	2.8314−0.8313i	−1.9189−1.3217i	−0.4582−0.3381i
78.5	1.1310−0.0781i	−0.2330−1.0718i	−7.1587−70.8031i	−1.1739−0.4430i	0.1757+0.1281i	2.8509−1.0826i	−2.0623−1.1281i	−0.4950−0.2934i
78.6	1.1482−0.2196i	−0.3365−1.0504i	−14.6877−69.5867i	−1.1597−0.2890i	0.1747+0.1277i	2.6234−1.5463i	−2.2080−0.9742i	−0.5212−0.2921i
78.7	1.2239−0.2871i	−0.4045−1.0154i	−18.1745−64.8387i	−1.0659−0.0795i	0.1444+0.1400i	2.3732−1.9539i	−2.3154−0.8137i	−0.5758−0.3176i
78.8	1.2073−0.4509i	−0.4511−0.9343i	−16.6396−56.9590i	−0.8552+0.0107i	0.2505+0.2471i	1.9868−2.1431i	−2.2968−0.5986i	−0.6435−0.3138i
78.9	1.1859−0.5669i	−0.4371−0.8416i	−15.1962−50.7810i	−0.6792−0.0419i	0.2694+0.2198i	1.7287−1.9697i	−2.2873−0.4410i	−0.7110−0.2225i
79.0	1.0806−0.6658i	−0.3892−0.8525i	−15.4913−49.4312i	−0.7658−0.1207i	0.2398+0.1080i	2.0406−2.1513i	−2.2793−0.3953i	−0.6640−0.1470i
79.1	1.0066−0.7444i	−0.3875−0.9072i	−16.1700−51.2017i	−0.8177+0.0177i	0.2781+0.1283i	1.9545−2.8388i	−2.3235−0.3578i	−0.6284−0.2342i
79.2	1.0344−0.7862i	−0.4547−0.8948i	−19.1565−49.3705i	−0.7401+0.2590i	0.3171+0.0528i	1.4821−3.3912i	−2.3699−0.1999i	−0.6605−0.2950i
79.3	0.8592−0.8438i	−0.5201−0.8486i	−21.3301−45.9656i	−0.6700+0.4001i	0.3486+0.0360i	0.9913−3.7305i	−2.3564+0.0557i	−0.6911−0.2740i
79.4	0.7568−0.8829i	−0.5333−0.7882i	−23.7471−43.9529i	−0.5796+0.4820i	0.3712+0.0658i	0.5780−3.9676i	−2.3003+0.2250i	−0.6976−0.2543i
79.5	0.7564−0.8810i	−0.5067−0.8063i	−23.1039−41.2454i	−0.4367+0.5196i	0.3330+0.0034i	0.1075−4.1367i	−2.2739+0.2687i	−0.7392−0.2545i
79.6	0.7456−0.8526i	−0.5229−0.8240i	−25.9025−39.6660i	−0.3089+0.5817i	0.3511+0.0535i	−0.2896−4.1680i	−2.2480+0.3880i	−0.7854−0.2251i
79.7	0.7367−0.8646i	−0.5591−0.7941i	−26.4132−33.2175i	−0.0979+0.5915i	0.2638+0.0577i	−0.9860−4.0109i	−2.1863+0.5348i	−0.8625−0.1870i
79.8	0.6158−0.9076i	−0.5894−0.7591i	−25.2201−30.4771i	0.0187+0.5347i	0.2629+0.0517i	−1.5214−3.7740i	−2.0983+0.6800i	−0.9005−0.1210i
79.9	0.5584−0.9220i	−0.6315−0.7387i	−28.4475−29.3758i	0.0897+0.5180i	0.2763−0.0031i	−1.7802−3.6848i	−2.0134+0.8026i	−0.8955−0.0573i
80.0	0.5047−0.9116i	−0.6382−0.7409i	−26.5918−27.8641i	0.1236+0.4773i	0.2890−0.0012i	−1.9666−3.5693i	−1.9441+0.7956i	−0.8849−0.0474i

2.1.46 Run 4 – IP050-200 – Accels 25–32

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	19.4833+0.0000i	18.1525+0.0000i	18.4620+0.0000i	14.6724+0.0000i	-22.7316+0.0000i	44.3419+0.0000i	13.9851+0.0000i	-16.8370+0.0000i
0.1	16.9307-0.4783i	15.5924-1.0781i	15.9087-1.0216i	12.4542-0.6934i	-19.2490+1.5940i	37.9969-1.5600i	11.7867-1.7865i	-14.8104+1.2626i
0.2	0.2046-1.5568i	0.0211+0.0457i	0.0036-0.1070i	0.0252+0.0834i	1.9671+0.2927i	0.6296+6.7997i	0.5341-0.4993i	0.1989+0.8685i
0.3	0.3380-0.8308i	0.0404-0.0051i	-0.0154+0.0519i	0.2194-0.0866i	1.1678-0.3177i	0.9359+5.5117i	0.0574-1.1075i	0.1419-0.6738i
0.4	0.0579+0.1846i	0.0144+0.2211i	0.1317+0.1688i	0.2776-0.4298i	0.6150+0.1169i	-2.4321+1.3562i	-0.4820+0.3511i	-0.0529-0.7568i
0.5	0.0092+0.0918i	-0.0551+0.0629i	-0.0524+0.0186i	0.2306+0.0265i	0.1446+0.8221i	-0.5217+2.9118i	-0.0216+0.2807i	0.1793-0.0233i
0.6	0.0480+0.1397i	-0.0266+0.0044i	-0.0558+0.0060i	0.1857-0.0052i	-0.0270+0.0553i	0.1680+0.3850i	0.0213+0.1013i	0.0628+0.0568i
0.7	0.0259+0.0063i	-0.0374+0.0053i	-0.0933-0.0182i	0.0171-0.0003i	-0.0013-0.0288i	-0.1751-0.0951i	-0.0003+0.0280i	0.0084+0.0262i
0.8	0.0102-0.0050i	-0.0252-0.0009i	-0.1041-0.0160i	-0.0299+0.0170i	-0.0034+0.0184i	-0.1525-0.1576i	-0.0091+0.0208i	0.0359+0.0158i
0.9	0.0024-0.0025i	-0.0512-0.0055i	-0.1235+0.0377i	-0.0132-0.0001i	-0.0110+0.0200i	0.2337+0.1323i	0.0041+0.0179i	0.0525-0.0038i
1.0	0.0074-0.0004i	-0.0702-0.0019i	-0.0886+0.0375i	-0.0011-0.0127i	-0.0293+0.0282i	0.2475+0.0890i	0.0039+0.0089i	0.0541-0.0051i
1.1	0.0164+0.0089i	-0.0898-0.0012i	-0.1257-0.0218i	0.0072-0.0087i	-0.0256+0.0727i	-0.2237+0.2965i	-0.0015+0.0009i	0.0611-0.0130i
1.2	0.0218+0.0047i	-0.1339-0.0041i	-0.2277-0.0578i	0.0065-0.0257i	-0.0489+0.0486i	-0.6340-0.0987i	-0.0030+0.0074i	0.0927-0.0156i
1.3	0.0257+0.0003i	-0.1567-0.0128i	-0.3423-0.1810i	0.0099+0.0050i	-0.0365+0.0191i	-0.1719-0.0171i	0.0036+0.0186i	0.1005-0.0285i
1.4	0.0248-0.0029i	-0.2084-0.0154i	-1.1152-0.0059i	0.0094+0.0077i	-0.0473+0.0055i	-0.0352+0.1049i	0.0304+0.0165i	0.1191-0.0391i
1.5	0.0284-0.0004i	-0.2604+0.0140i	-1.1271+1.2872i	0.0229+0.0247i	-0.0644+0.0004i	-0.0782+0.0535i	0.0228+0.0070i	0.1731-0.0766i
1.6	0.0363-0.0025i	-0.2897+0.0184i	0.1183+1.4048i	0.0502+0.0224i	-0.1028+0.0260i	-0.0792+0.0754i	0.0052+0.0156i	0.2098-0.1259i
1.7	0.0428-0.0053i	-0.3512+0.0142i	0.4683+0.8360i	0.0612+0.0199i	-0.1065+0.0578i	-0.2136+0.1580i	0.0163+0.0317i	0.2181-0.1710i
1.8	0.0568-0.0114i	-0.4783+0.0186i	0.4752+0.5975i	0.0625+0.0154i	-0.1115+0.1005i	-0.3336+0.2702i	0.0460+0.0553i	0.2405-0.2978i
1.9	0.0660-0.0227i	-0.6298+0.0210i	0.5625+0.5427i	0.0839-0.0019i	-0.1025+0.1398i	-0.2891+0.3102i	0.0932+0.0778i	0.1740-0.4645i
2.0	0.0648-0.0346i	-0.9252+0.0398i	0.7064+0.3501i	0.1012-0.0030i	-0.0647+0.1455i	0.1032+0.4645i	0.1929+0.0842i	-0.1185-0.5432i
2.1	0.0783-0.0338i	-1.6635+0.1318i	0.6423+0.0567i	0.1635-0.0188i	-0.1050+0.0830i	0.4038+0.3575i	0.3697+0.0325i	-0.4525-0.3747i
2.2	0.1200-0.0445i	-2.6810+0.5519i	0.4584-0.0182i	0.2489-0.0767i	-0.2711+0.1116i	0.4170+0.2243i	0.5302-0.0693i	-0.5056-0.2265i
2.3	0.0882-0.1192i	-1.8365+2.3215i	0.3763+0.0700i	0.1704-0.2487i	-0.1566+0.3669i	0.3518+0.1609i	0.3804-0.3714i	-0.4588-0.1046i
2.4	-0.1284-0.0674i	3.0792+1.2189i	0.5643+0.0319i	-0.2333-0.0772i	0.5960+0.1451i	0.2712-0.0375i	-0.4327-0.2132i	-0.2703-0.0140i
2.5	-0.0805-0.0257i	2.0844+0.3484i	0.4526-0.0386i	-0.1429-0.0091i	0.4136+0.0093i	0.2470-0.0950i	-0.2889-0.0849i	-0.2569+0.0044i
2.6	-0.0469-0.0165i	1.4206+0.1948i	0.3847-0.0425i	-0.1006-0.0069i	0.2958-0.0174i	0.2080-0.0800i	-0.1904-0.0599i	-0.2366+0.0156i
2.7	-0.0333-0.0115i	1.1479+0.1196i	0.3450-0.0435i	-0.0861-0.0025i	0.2420-0.0285i	0.1835-0.0427i	-0.1545-0.0464i	-0.2178+0.0250i
2.8	-0.0209-0.0080i	0.9710+0.0977i	0.3093-0.0386i	-0.0587+0.0008i	0.2098-0.0272i	0.1805-0.1349i	-0.1345-0.0409i	-0.1985+0.0303i
2.9	-0.0118-0.0078i	0.8527+0.0869i	0.2866-0.0370i	-0.0373-0.0018i	0.1870-0.0316i	0.2000-0.0741i	-0.1172-0.0420i	-0.1862+0.0368i
3.0	-0.0041-0.0061i	0.7701+0.0595i	0.2704-0.0306i	-0.0261+0.0023i	0.1737-0.0356i	0.1938-0.0918i	-0.1054-0.0381i	-0.1787+0.0428i
3.1	0.0017-0.0048i	0.7096+0.0569i	0.2608-0.0229i	-0.0257-0.0033i	0.1590-0.0380i	0.1846-0.0596i	-0.1008-0.0354i	-0.1693+0.0441i
3.2	0.0073-0.0035i	0.6641+0.0493i	0.2530-0.0226i	-0.0211-0.0022i	0.1496-0.0367i	0.1420-0.0747i	-0.0951-0.0341i	-0.1615+0.0470i
3.3	0.0132-0.0035i	0.6309+0.0414i	0.2460-0.0219i	-0.0147+0.0034i	0.1429-0.0367i	0.1353-0.0609i	-0.0907-0.0331i	-0.1563+0.0476i
3.4	0.0190-0.0025i	0.5977+0.0359i	0.2392-0.0136i	-0.0103+0.0057i	0.1381-0.0318i	0.1328-0.0547i	-0.0895-0.0282i	-0.1515+0.0415i
3.5	0.0237-0.0033i	0.5737+0.0385i	0.2344-0.0132i	-0.0043-0.0065i	0.1337-0.0377i	0.1462-0.0648i	-0.0890-0.0325i	-0.1469+0.0494i
3.6	0.0293-0.0027i	0.5534+0.0348i	0.2320-0.0116i	-0.0044+0.0029i	0.1323-0.0374i	0.1423-0.0732i	-0.0880-0.0305i	-0.1453+0.0485i
3.7	0.0356-0.0022i	0.5358+0.0296i	0.2270-0.0119i	0.0005+0.0053i	0.1269-0.0358i	0.1517-0.0575i	-0.0912-0.0303i	-0.1396+0.0517i
3.8	0.0401-0.0022i	0.5234+0.0304i	0.2214-0.0092i	0.0060+0.0027i	0.1219-0.0348i	0.1358-0.0653i	-0.0945-0.0289i	-0.1364+0.0524i
3.9	0.0449-0.0030i	0.5109+0.0312i	0.2192-0.0057i	0.0147-0.0002i	0.1217-0.0367i	0.1161-0.0732i	-0.0945-0.0267i	-0.1341+0.0597i
4.0	0.0488-0.0035i	0.4992+0.0293i	0.2154-0.0068i	0.0159+0.0006i	0.1178-0.0391i	0.1309-0.0721i	-0.0973-0.0286i	-0.1175+0.0636i
4.1	0.0540-0.0017i	0.4898+0.0270i	0.2105-0.0068i	0.0227+0.0026i	0.1164-0.0392i	0.1439-0.0683i	-0.1003-0.0272i	-0.1125+0.0565i
4.2	0.0600-0.0018i	0.4820+0.0270i	0.2059-0.0096i	0.0276+0.0081i	0.1123-0.0453i	0.1398-0.0616i	-0.1036-0.0308i	-0.1129+0.0640i
4.3	0.0658-0.0036i	0.4776+0.0267i	0.2058-0.0130i	0.0307+0.0107i	0.1101-0.0516i	0.1361-0.0673i	-0.1082-0.0361i	-0.1103+0.0732i
4.4	0.0727-0.0035i	0.4743+0.0268i	0.2062-0.0091i	0.0230+0.0095i	0.1120-0.0468i	0.1553-0.0591i	-0.1197-0.0305i	-0.1047+0.0695i
4.5	0.0786-0.0030i	0.4684+0.0255i	0.2024-0.0073i	0.0384+0.0139i	0.1132-0.0422i	0.0953-0.0418i	-0.1295-0.0276i	-0.1001+0.0642i
4.6	0.0851-0.0018i	0.4617+0.0285i	0.1980-0.0062i	0.0517+0.0097i	0.1182-0.0466i	0.1184-0.0276i	-0.1347-0.0285i	-0.1051+0.0702i
4.7	0.0930-0.0020i	0.4596+0.0284i	0.1969-0.0073i	0.0568+0.0139i	0.1242-0.0504i	0.1357-0.0668i	-0.1386-0.0290i	-0.1089+0.0798i
4.8	0.1006-0.0023i	0.4550+0.0268i	0.1953-0.0051i	0.0695+0.0144i	0.1237-0.0424i	0.1131-0.0688i	-0.1497-0.0218i	-0.0998+0.0678i
4.9	0.1080-0.0029i	0.4538+0.0271i	0.1968-0.0028i	0.0708+0.0203i	0.1395-0.0406i	0.0956-0.0742i	-0.1628-0.0124i	-0.1098+0.0604i
5.0	0.1170-0.0041i	0.4547+0.0290i	0.1956-0.0053i	0.0785+0.0219i	0.1544-0.0556i	0.1248-0.0797i	-0.1709-0.0121i	-0.1307+0.0822i
5.1	0.1245-0.0051i	0.4511+0.0326i	0.1931-0.0031i	0.1020+0.0232i	0.1617-0.0659i	0.1070-0.0455i	-0.1742-0.0014i	-0.1392+0.0844i
5.2	0.1333-0.0058i	0.4520+0.0319i	0.1943-0.0011i	0.1082+0.0298i	0.1691-0.0695i	0.0688-0.0389i	-0.1815+0.0194i	-0.1412+0.0835i
5.3	0.1417-0.0057i	0.4548+0.0385i	0.1965+0.0047i	0.1106+0.0212i	0.1880-0.0822i	0.0823-0.1257i	-0.1993+0.0341i	-0.1456+0.1091i
5.4	0.1501-0.0072i	0.4534+0.0508i	0.1925+0.0116i	0.1392-0.0026i	0.2143-0.1001i	0.1708-0.0831i	-0.2188+0.0549i	-0.1452+0.1250i
5.5	0.1581-0.0099i	0.4588+0.0585i	0.1939+0.0163i	0.1388-0.0096i	0.2164-0.1229i	0.2322-0.0655i	-0.2261+0.0925i	-0.1363+0.1312i
5.6	0.1663-0.0128i	0.4611+0.0644i	0.1960+0.0225i	0.1474-0.0210i	0.2070-0.1505i	0.1825-0.1103i	-0.2208+0.1382i	-0.1188+0.1362i

5.7	0.1760−0.0143i	0.4680+0.0708i	0.2031+0.0267i	0.1641−0.0098i	0.2186−0.1855i	0.0964−0.1682i	−0.2124+0.1799i	−0.1052+0.1424i
5.8	0.1839−0.0175i	0.4770+0.0846i	0.2065+0.0290i	0.1707−0.0244i	0.2411−0.2359i	0.0983−0.2197i	−0.2318+0.2108i	−0.0897+0.1702i
5.9	0.1916−0.0230i	0.4936+0.0949i	0.2084+0.0244i	0.1883−0.0219i	0.1926−0.3162i	0.0579−0.2496i	−0.1818+0.2819i	−0.0674+0.1695i
6.0	0.1951−0.0263i	0.5138+0.0976i	0.2097+0.0209i	0.2035−0.0335i	0.1209−0.3544i	0.0631−0.2593i	−0.1028+0.3118i	−0.0748+0.1518i
6.1	0.1978−0.0261i	0.5424+0.0935i	0.2107+0.0158i	0.2102−0.0264i	0.0322−0.3622i	0.0442−0.2247i	−0.0250+0.2986i	−0.0699+0.1704i
6.2	0.2011−0.0235i	0.5627+0.0909i	0.2100+0.0196i	0.2179−0.0329i	−0.0223−0.3497i	0.0621−0.2279i	0.0216+0.2867i	−0.0624+0.1829i
6.3	0.2039−0.0226i	0.5805+0.0986i	0.2130+0.0234i	0.2137−0.0520i	−0.0532−0.3178i	0.1156−0.2495i	0.0631+0.2470i	−0.0715+0.1954i
6.4	0.2009−0.0171i	0.6116+0.0940i	0.2192+0.0241i	0.2297−0.0478i	−0.0910−0.2727i	−0.0453−0.2382i	0.0874+0.2138i	−0.0106+0.1905i
6.5	0.1957−0.0082i	0.6454+0.0939i	0.2185+0.0212i	0.2548−0.0424i	−0.1306−0.2732i	−0.1220−0.2388i	0.0962+0.1934i	0.0477+0.2186i
6.6	0.1895+0.0133i	0.6879+0.0905i	0.2182+0.0232i	0.2854−0.0543i	−0.1272−0.2394i	−0.1066−0.1742i	0.0991+0.1726i	0.0356+0.1646i
6.7	0.1831+0.0336i	0.7288+0.0709i	0.2207+0.0223i	0.3042−0.0598i	−0.1320−0.2230i	−0.0960−0.1396i	0.1013+0.1719i	0.0310+0.1252i
6.8	0.1574+0.0739i	0.7953+0.0279i	0.2184+0.0181i	0.3266−0.0580i	−0.1615−0.2368i	−0.1085−0.0729i	0.1281+0.1720i	0.0185+0.1370i
6.9	0.1096+0.1718i	0.8883−0.0415i	0.2176+0.0198i	0.3653−0.0735i	−0.2112−0.2211i	−0.1205−0.1063i	0.1804+0.1513i	−0.0156+0.1510i
7.0	0.0582+0.3661i	0.9827−0.1647i	0.2184+0.0282i	0.4111−0.1013i	−0.2916−0.1776i	−0.0445−0.1312i	0.2629+0.1046i	−0.0615+0.1719i
7.1	0.2398+0.6618i	0.9307−0.3975i	0.2212+0.0383i	0.4492−0.1397i	−0.3287−0.0249i	0.0307−0.1503i	0.3101−0.0518i	−0.0909+0.2565i
7.2	0.7773+0.7583i	0.6344−0.5365i	0.2351+0.0431i	0.4393−0.1303i	−0.2074+0.1918i	−0.0892−0.1429i	0.1638−0.2628i	0.0752+0.3345i
7.3	1.1080+0.5295i	0.4441−0.4436i	0.2441+0.0389i	0.4765−0.1504i	0.0348+0.1981i	−0.1688−0.1736i	−0.0957−0.2450i	0.2119+0.2143i
7.4	1.2382+0.3139i	0.3669−0.3384i	0.2517+0.0321i	0.5104−0.1710i	0.1489+0.0730i	−0.0552−0.0759i	−0.1910−0.0954i	0.1688+0.0977i
7.5	1.2675+0.0535i	0.3744−0.1552i	0.2520+0.0279i	0.5629−0.1782i	0.1189−0.0648i	−0.0357−0.0696i	−0.1292+0.0370i	0.0755+0.0798i
7.6	1.2570−0.0606i	0.4328−0.0889i	0.2463+0.0219i	0.6161−0.1787i	0.0807−0.1050i	−0.0797−0.1323i	−0.0955+0.0642i	0.0703+0.1023i
7.7	1.2557−0.1495i	0.5424−0.0797i	0.2455+0.0243i	0.7015−0.2523i	0.0623−0.1176i	−0.0656−0.0905i	−0.0813+0.0941i	0.0830+0.0795i
7.8	1.2891−0.2235i	0.5871−0.0888i	0.2478+0.0285i	0.7708−0.3269i	0.0646−0.1576i	−0.0233−0.1133i	−0.0782+0.1232i	0.0653+0.0950i
7.9	1.3153−0.2943i	0.6048−0.1005i	0.2494+0.0335i	0.7887−0.4028i	0.0497−0.2017i	−0.0793−0.1433i	−0.0780+0.1540i	0.0882+0.1241i
8.0	1.3713−0.3800i	0.6328−0.0883i	0.2582+0.0361i	0.8236−0.4521i	−0.0029−0.2669i	−0.1547−0.0859i	−0.0509+0.2200i	0.1371+0.0961i
8.1	1.4398−0.4596i	0.6624−0.1024i	0.2623+0.0315i	0.8658−0.4940i	−0.0591−0.2974i	−0.1194−0.0434i	0.0112+0.2692i	0.1378+0.0353i
8.2	1.4890−0.4990i	0.6766−0.1101i	0.2571+0.0317i	0.8992−0.5188i	−0.0995−0.3113i	−0.0980−0.0814i	0.0511+0.2729i	0.1471+0.0474i
8.3	1.6484−0.5848i	0.7481−0.1094i	0.2513+0.0317i	1.0824−0.6092i	−0.1872−0.3077i	−0.1272−0.0876i	0.1296+0.2754i	0.1553+0.0455i
8.4	1.7663−0.6771i	0.8186−0.1307i	0.2605+0.0285i	1.1940−0.6812i	−0.2772−0.2956i	−0.1407−0.0819i	0.2138+0.2754i	0.1363+0.0245i
8.5	2.0090−0.8288i	0.9122−0.1813i	0.2636+0.0242i	1.4258−0.8090i	−0.3622−0.2588i	−0.1534+0.0049i	0.3049+0.2575i	0.1066−0.0077i
8.6	2.1405−1.1210i	0.9743−0.2712i	0.2647+0.0237i	1.5412−1.0748i	−0.4239−0.1866i	−0.0853−0.0425i	0.3637+0.1897i	0.0976−0.0106i
8.7	2.2777−1.3802i	1.0139−0.3578i	0.2535+0.0271i	1.6550−1.3198i	−0.4784−0.0881i	−0.1047−0.0482i	0.4271+0.1071i	0.0538−0.0001i
8.8	2.4185−1.6846i	1.0659−0.4418i	0.2512+0.0351i	1.7969−1.6201i	−0.4991+0.0060i	−0.1387−0.0532i	0.4655+0.0302i	0.0505+0.0408i
8.9	2.6768−2.3505i	1.1664−0.6359i	0.2656+0.0380i	1.9902−2.2588i	−0.5146+0.1255i	−0.1785−0.0669i	0.5338−0.0795i	0.0944+0.0581i
9.0	2.6139−3.2283i	1.1773−0.8996i	0.2779+0.0297i	1.8689−3.1107i	−0.5080+0.2510i	−0.1635−0.0024i	0.5477−0.2581i	0.1188−0.0177i
9.1	2.1516−3.7459i	1.0239−1.0548i	0.2561+0.0311i	1.3486−3.5598i	−0.4563+0.3373i	−0.0832+0.0707i	0.4400−0.3859i	0.0635−0.0581i
9.2	2.0030−4.8053i	0.9891−1.3553i	0.2422+0.0520i	1.1902−4.4116i	−0.4385+0.4984i	−0.1054−0.0087i	0.3983−0.4832i	0.0208−0.0029i
9.3	0.1271−6.4649i	0.4732−1.8709i	0.2536+0.0701i	−0.5070−5.8873i	−0.2085+0.7701i	−0.0863−0.0550i	0.2099−0.7170i	0.0487+0.0331i
9.4	−2.2972−5.8744i	−0.2472−1.7237i	0.2634+0.0861i	−2.6884−5.3100i	0.1263+0.7577i	−0.1486+0.0791i	−0.0950−0.7096i	0.0655+0.0173i
9.5	−3.2286−4.2010i	−0.5357−1.2519i	0.2739+0.0860i	−3.5380−3.7564i	0.3194+0.5514i	−0.1807+0.1110i	−0.2575−0.5331i	0.0759+0.0180i
9.6	−3.3450−2.8666i	−0.5798−0.8605i	0.2830+0.0922i	−3.6515−2.5096i	0.3821+0.3878i	−0.2085+0.0664i	−0.3145−0.3790i	0.0717+0.0098i
9.7	−3.0070−1.8464i	−0.4844−0.5463i	0.2934+0.1072i	−3.3362−1.5820i	0.3813+0.2275i	−0.1399+0.0305i	−0.3053−0.2519i	0.0654+0.0234i
9.8	−2.7243−1.4813i	−0.4033−0.4286i	0.3025+0.1180i	−3.0888−1.2719i	0.3612+0.1588i	−0.1282−0.0098i	−0.2856−0.1986i	0.0541+0.0235i
9.9	−2.3519−1.1075i	−0.2893−0.3097i	0.3257+0.1313i	−2.7597−0.9444i	0.3222+0.0929i	−0.1047−0.0519i	−0.2586−0.1413i	0.0470+0.0261i
10.0	−2.1101−0.9284i	−0.2127−0.2587i	0.3321+0.1389i	−2.5540−0.7633i	0.3012+0.0509i	−0.0814−0.0149i	−0.2225−0.1213i	0.0671+0.0314i
10.1	−1.9189−0.7987i	−0.1560−0.2199i	0.3409+0.1490i	−2.3974−0.6645i	0.2884+0.0299i	−0.0581+0.0147i	−0.1982−0.0956i	0.0568+0.0236i
10.2	−1.6872−0.7234i	−0.0797−0.1828i	0.3799+0.1578i	−2.2227−0.6066i	0.2583−0.0001i	−0.1089−0.0268i	−0.1952−0.0757i	0.0408+0.0279i
10.3	−1.5692−0.7162i	−0.0395−0.1648i	0.3940+0.1710i	−2.1095−0.6027i	0.2437−0.0285i	−0.1399−0.0552i	−0.1821−0.0822i	0.0686+0.0445i
10.4	−1.4873−0.6945i	−0.0118−0.1425i	0.4134+0.1806i	−2.0599−0.5852i	0.2168−0.0572i	−0.1434+0.0072i	−0.1734−0.0626i	0.0930+0.0323i
10.5	−1.4642−0.6618i	0.0044−0.1313i	0.4270+0.1808i	−2.0584−0.5624i	0.2177−0.0567i	−0.1473+0.0386i	−0.1673−0.0430i	0.0931+0.0286i
10.6	−1.4181−0.5850i	0.0310−0.1115i	0.4417+0.1732i	−2.0206−0.5205i	0.2170−0.0569i	−0.0922−0.0413i	−0.1549−0.0558i	0.0932+0.0363i
10.7	−1.3401−0.5004i	0.0724−0.0942i	0.4663+0.1669i	−2.0349−0.4142i	0.1849−0.0646i	−0.1423−0.0874i	−0.1411−0.0583i	0.0889+0.0141i
10.8	−1.2650−0.4323i	0.1030−0.0746i	0.4791+0.1778i	−2.0063−0.3484i	0.1814−0.1035i	−0.1197−0.0845i	−0.1469−0.0801i	0.1087+0.0126i
10.9	−1.1846−0.4017i	0.1343−0.0659i	0.4946+0.1724i	−1.9540−0.3040i	0.1904−0.1121i	−0.1066−0.0165i	−0.1425−0.0988i	0.1054+0.0114i
11.0	−1.0894−0.3917i	0.1643−0.0609i	0.5090+0.1710i	−1.9286−0.3040i	0.1808−0.1392i	−0.1835+0.0169i	−0.1575−0.1141i	0.1023+0.0125i
11.1	−1.0222−0.4009i	0.1925−0.0521i	0.5243+0.1903i	−1.9333−0.3183i	0.1567−0.1567i	−0.1534−0.0154i	−0.1807−0.1205i	0.1137+0.0071i
11.2	−0.9909−0.4015i	0.2120−0.0578i	0.5386+0.1791i	−1.9294−0.3057i	0.1342−0.1348i	−0.1364−0.0137i	−0.1980−0.1048i	0.1170+0.0013i
11.3	−0.9455−0.4014i	0.2429−0.0471i	0.5487+0.1713i	−1.9583−0.2836i	0.0898−0.1113i	−0.2071−0.0378i	−0.2257−0.0748i	0.1181−0.0087i
11.4	−0.9144−0.4057i	0.2850−0.0439i	0.5783+0.1914i	−2.0346−0.2754i	0.0674−0.1240i	−0.2526−0.0161i	−0.2595−0.0915i	0.1354−0.0068i
11.5	−0.8835−0.3835i	0.3024−0.0490i	0.5874+0.2034i	−2.0327−0.2140i	0.0610−0.1100i	−0.2731−0.1052i	−0.2795−0.0719i	0.1363−0.0069i
11.6	−0.8153−0.3739i	0.3409−0.0485i	0.5840+0.2091i	−2.0959−0.1829i	0.0790−0.0731i	−0.2943−0.0358i	−0.2781−0.0321i	0.1430−0.0257i
11.7	−0.7894−0.3839i	0.3718−0.0438i	0.5841+0.2357i	−2.1868−0.1797i	0.0899−0.0526i	−0.2095+0.0335i	−0.2953−0.0099i	0.1582−0.0277i
11.8	−0.7581−0.3576i	0.4043−0.0491i	0.6044+0.2849i	−2.2351−0.0954i	0.0965−0.0523i	−0.2466+0.0696i	−0.3122+0.0124i	0.1694−0.0263i
11.9	−0.6640−0.3289i	0.4371−0.0655i	0.6011+0.3332i	−2.2139+0.0112i	0.0933−0.0484i	−0.2801+0.0103i	−0.3239+0.0462i	0.1751−0.0430i

12.0	-0.5818-0.3329i	0.4609-0.0632i	0.5925+0.3940i	-2.2399+0.0202i	0.0998-0.0263i	-0.3047+0.0346i	-0.3213+0.0762i	0.2011-0.0611i
12.1	-0.4759-0.3569i	0.4783-0.0669i	0.6098+0.4965i	-2.2284+0.0404i	0.1115-0.0114i	-0.3443+0.0793i	-0.3186+0.1026i	0.2074-0.0717i
12.2	-0.3635-0.4156i	0.5218-0.0706i	0.6539+0.6111i	-2.3135+0.0606i	0.1339+0.0024i	-0.3071+0.0872i	-0.3212+0.1324i	0.2217-0.0804i
12.3	-0.2724-0.4863i	0.5497-0.0846i	0.6779+0.7490i	-2.3419+0.0798i	0.1386+0.0005i	-0.3499+0.0687i	-0.3263+0.1434i	0.2488-0.0783i
12.4	-0.1900-0.6046i	0.5889-0.0928i	0.8193+0.9831i	-2.4229+0.0649i	0.1947-0.0052i	-0.3037+0.1633i	-0.3037+0.1604i	0.2325-0.0870i
12.5	-0.0883-0.7734i	0.6478-0.0905i	1.0477+1.3270i	-2.5737+0.0056i	0.2128-0.0020i	-0.3816+0.2257i	-0.3157+0.2140i	0.2777-0.1403i
12.6	0.0014-0.9560i	0.6998-0.1012i	1.4284+1.7510i	-2.7267-0.0306i	0.2315+0.0358i	-0.5001+0.2549i	-0.3457+0.2570i	0.3720-0.1940i
12.7	0.0306-1.1520i	0.7736-0.1190i	2.0410+1.9832i	-2.9627+0.0170i	0.2742+0.0344i	-0.4732+0.3086i	-0.3386+0.2902i	0.4060-0.2108i
12.8	0.0258-1.3682i	0.8697-0.1460i	2.8932+2.0631i	-3.2825+0.0944i	0.3307+0.0030i	-0.6053+0.3764i	-0.3165+0.3550i	0.4454-0.2373i
12.9	-0.0360-1.5922i	0.9547-0.1921i	3.8556+1.8556i	-3.6753+0.2717i	0.4296-0.0389i	-0.6771+0.3741i	-0.2998+0.4520i	0.5162-0.3113i
13.0	-0.1226-1.8288i	1.0604-0.2978i	4.9624+1.1765i	-4.0530+0.6728i	0.5289-0.0795i	-0.7378+0.5586i	-0.2342+0.4858i	0.5911-0.4262i
13.1	-0.1422-2.0218i	1.1431-0.4051i	5.7297+0.4145i	-4.2909+1.0878i	0.6521-0.1762i	-0.8448+0.6579i	-0.1503+0.4345i	0.5940-0.4849i
13.2	-0.1190-2.4237i	1.2670-0.5929i	6.6733-1.0055i	-4.5988+1.8659i	0.8350-0.2660i	-0.9293+0.9267i	0.0153+0.3554i	0.5952-0.7333i
13.3	-0.0739-2.9181i	1.3823-0.7789i	7.3994-2.4562i	-4.8178+2.5831i	0.9549-0.5133i	-1.1493+1.4621i	-0.0254+0.3753i	0.7426-1.0405i
13.4	-0.6238-3.9307i	1.3864-1.1166i	7.2446-5.6296i	-4.4526+3.6389i	0.9469-0.8495i	-0.3776+2.2514i	0.2256+0.4169i	0.1316-1.7470i
13.5	-1.7814-4.9263i	1.2543-1.5265i	5.8366-8.5767i	-3.6962+4.4072i	0.9128-1.3124i	0.8940+2.2943i	0.5270+0.1818i	-0.7397-1.6860i
13.6	-3.8149-4.7531i	0.7543-1.7554i	1.5097-9.7609i	-2.5124+4.5636i	0.4456-1.6876i	1.5456+1.6863i	0.2013-0.1988i	-1.1649-1.1292i
13.7	-5.4242-3.8254i	0.3639-1.6641i	-1.8052-8.9845i	-1.8788+4.1654i	-0.0382-1.5664i	1.6460+1.3556i	-0.2167-0.2036i	-1.2698-0.9718i
13.8	-6.1845-2.0071i	0.2223-1.3556i	-3.9042-6.2468i	-1.8494+3.4771i	-0.4813-1.2890i	1.6355+0.5276i	-0.4837+0.0442i	-1.1835-0.5015i
13.9	-6.2524-1.0761i	0.2869-1.2775i	-4.1799-4.8143i	-2.1206+3.4371i	-0.5819-1.1573i	1.6856+0.2500i	-0.5060+0.1706i	-1.1700-0.2407i
14.0	-6.2702-0.0570i	0.4236-1.2863i	-4.1342-3.4166i	-2.5746+3.7276i	-0.6167-0.9503i	1.4354+0.0154i	-0.4937+0.3524i	-1.1101-0.1019i
14.1	-6.3834+0.8525i	0.5875-1.4494i	-4.0636-2.4615i	-3.1472+4.3956i	-0.6204-0.9100i	1.3989-0.1849i	-0.4559+0.5245i	-1.0730+0.0336i
14.2	-6.1173+2.3205i	0.5815-1.9427i	-3.6935-1.4339i	-3.2210+6.1010i	-0.6137-0.8904i	1.2215-0.3549i	-0.3337+0.7668i	-1.0063+0.1553i
14.3	-5.3316+3.4954i	0.1591-2.3883i	-3.2071-0.7884i	-1.9425+7.7083i	-0.7401-0.8884i	1.0133-0.3950i	-0.1387+0.9463i	-0.9264+0.1890i
14.4	-3.8482+4.2116i	-0.6374-2.4625i	-2.5353-0.3397i	0.5073+8.2754i	-0.9791-0.8347i	0.9153-0.5033i	0.1578+0.9439i	-0.7939+0.2818i
14.5	-2.4892+4.1407i	-1.3445-2.1084i	-1.8768-0.2315i	2.7242+7.4180i	-1.2127-0.6610i	0.7625-0.4860i	0.4494+0.8127i	-0.7420+0.3245i
14.6	-1.6668+3.8137i	-1.6725-1.4007i	-1.4566-0.2892i	3.9292+5.6107i	-1.3322-0.3396i	0.6354-0.5057i	0.6112+0.5642i	-0.7082+0.4574i
14.7	-1.1418+3.7053i	-1.6813-0.8875i	-1.2874-0.3751i	4.2394+4.3925i	-1.3017-0.0376i	0.6213-0.5750i	0.6266+0.3882i	-0.6406+0.5614i
14.8	-0.5642+3.4601i	-1.4801-0.6025i	-1.2296-0.4647i	4.0800+3.7044i	-1.1561+0.0898i	0.4817-0.6943i	0.5755+0.3159i	-0.4713+0.6097i
14.9	0.0394+3.0651i	-1.2907-0.3960i	-1.2015-0.4692i	4.0706+3.0253i	-1.0345+0.1843i	0.2536-0.6707i	0.5894+0.2709i	-0.2816+0.6017i
15.0	0.5436+2.4911i	-1.0907-0.2645i	-1.1532-0.4216i	4.0134+2.2859i	-0.8895+0.2837i	0.0304-0.5339i	0.6150+0.1559i	-0.1053+0.5160i
15.1	0.8023+1.9461i	-0.9801-0.1818i	-1.1314-0.3810i	3.9658+1.6988i	-0.7837+0.3352i	-0.0086-0.3898i	0.6259+0.0417i	-0.0356+0.3993i
15.2	0.7292+1.4460i	-0.8699-0.1522i	-1.0941-0.3359i	3.6446+1.2591i	-0.6811+0.3377i	0.0265-0.2782i	0.5752-0.0510i	-0.0481+0.3054i
15.3	0.5661+1.1184i	-0.7831-0.1308i	-1.0277-0.3018i	3.3569+0.9748i	-0.6586+0.3331i	0.0264-0.2265i	0.5237-0.1181i	-0.0707+0.2566i
15.4	0.3820+0.8514i	-0.7062-0.1104i	-0.9511-0.2711i	3.0765+0.7150i	-0.6359+0.3491i	0.0780-0.1823i	0.4753-0.1891i	-0.1067+0.2268i
15.5	0.2381+0.6504i	-0.6479-0.0698i	-0.9017-0.2436i	2.8822+0.4386i	-0.6117+0.3847i	0.1004-0.1718i	0.4348-0.2867i	-0.1349+0.2488i
15.6	0.1266+0.5778i	-0.5974-0.0597i	-0.8584-0.2373i	2.6556+0.2868i	-0.5308+0.4408i	0.1364-0.1501i	0.3365-0.3440i	-0.1427+0.2507i
15.7	0.0211+0.5186i	-0.5665-0.0507i	-0.8174-0.2269i	2.4936+0.1955i	-0.4663+0.4314i	0.1754-0.1600i	0.2460-0.3369i	-0.1668+0.2505i
15.8	-0.0943+0.4608i	-0.5338-0.0331i	-0.7885-0.2129i	2.3606+0.0793i	-0.5020+0.4001i	0.1908-0.1693i	0.2146-0.3176i	-0.1820+0.2691i
15.9	-0.1809+0.4543i	-0.4734-0.0205i	-0.7515-0.2094i	2.1258-0.0618i	-0.4575+0.4827i	0.2335-0.1976i	0.1305-0.3617i	-0.1579+0.3060i
16.0	-0.2250+0.4568i	-0.4123-0.0154i	-0.7259-0.2032i	1.9124-0.1701i	-0.3809+0.5663i	0.2056-0.2032i	0.0322-0.3883i	-0.1340+0.3246i
16.1	-0.2426+0.4521i	-0.3684-0.0214i	-0.6994-0.1834i	1.7167-0.2047i	-0.3134+0.5891i	0.1498-0.2339i	-0.0720-0.3832i	-0.0685+0.3670i
16.2	-0.2712+0.4160i	-0.3547-0.0583i	-0.6765-0.1726i	1.5763-0.1354i	-0.1979+0.5300i	0.1344-0.2374i	-0.1748-0.2821i	-0.0372+0.3649i
16.3	-0.3124+0.3945i	-0.3509-0.0706i	-0.6608-0.1674i	1.4675-0.1059i	-0.1151+0.4641i	0.0978-0.2809i	-0.2452-0.1601i	-0.0009+0.3568i
16.4	-0.3373+0.4039i	-0.3502-0.0683i	-0.6535-0.1648i	1.4054-0.0711i	-0.0767+0.4023i	0.0657-0.3310i	-0.2506-0.0612i	0.0342+0.3580i
16.5	-0.3750+0.4185i	-0.3460-0.0628i	-0.6419-0.1477i	1.3680-0.0455i	-0.1039+0.3352i	0.0156-0.3297i	-0.1990+0.0726i	0.0892+0.3300i
16.6	-0.3918+0.4470i	-0.3435-0.0488i	-0.6310-0.1340i	1.3674-0.0737i	-0.1506+0.3504i	-0.0460-0.2644i	-0.1103+0.1144i	0.1277+0.2762i
16.7	-0.3700+0.4857i	-0.3260-0.0309i	-0.6192-0.1256i	1.3281-0.1594i	-0.1239+0.4394i	-0.0081-0.1899i	-0.0464+0.0819i	0.1191+0.2123i
16.8	-0.3181+0.4626i	-0.2914-0.0223i	-0.5966-0.0971i	1.1731-0.1996i	-0.0020+0.4230i	0.0576-0.1518i	-0.0950+0.0329i	0.0479+0.1776i
16.9	-0.3145+0.4136i	-0.2887-0.0272i	-0.5803-0.0569i	1.1609-0.1938i	0.0467+0.3106i	0.0426-0.2357i	-0.1211+0.1049i	0.0293+0.2272i
17.0	-0.3367+0.4060i	-0.2891-0.0316i	-0.5544-0.0467i	1.1795-0.1864i	0.0061+0.2336i	0.0195-0.2979i	-0.0369+0.2018i	0.0329+0.2791i
17.1	-0.3383+0.4114i	-0.2863-0.0179i	-0.5258-0.0346i	1.1506-0.2622i	-0.0303+0.2792i	-0.1001-0.3102i	0.0977+0.1761i	0.1700+0.3025i
17.2	-0.3529+0.4077i	-0.2751-0.0039i	-0.4871-0.0278i	1.0679-0.3120i	-0.0299+0.3160i	-0.2274-0.1756i	0.1189+0.0878i	0.3069+0.1769i
17.3	-0.3580+0.4071i	-0.2631+0.0017i	-0.4640-0.0337i	1.0145-0.3092i	0.0112+0.2732i	-0.1372-0.0644i	0.0945+0.0672i	0.2169+0.0497i
17.4	-0.3450+0.4079i	-0.2524+0.0060i	-0.4511-0.0331i	0.9817-0.3243i	0.0273+0.2325i	-0.0976-0.0552i	0.1297+0.0561i	0.1498+0.0400i
17.5	-0.3419+0.4136i	-0.2491+0.0117i	-0.4410-0.0321i	0.9860-0.3591i	0.0267+0.2145i	-0.0663-0.0528i	0.1610+0.0199i	0.0977+0.0504i
17.6	-0.3431+0.4214i	-0.2367+0.0186i	-0.4295-0.0341i	0.9282-0.4036i	0.0162+0.2270i	-0.0398-0.0848i	0.1532-0.0060i	0.0789+0.0423i
17.7	-0.3376+0.4410i	-0.2263+0.0324i	-0.4140-0.0256i	0.8632-0.4653i	0.0045+0.2363i	-0.0068-0.0611i	0.1281-0.0328i	0.0572+0.0383i
17.8	-0.3134+0.4710i	-0.2136+0.0415i	-0.4057-0.0244i	0.7806-0.4846i	0.0316+0.2348i	-0.0191-0.0746i	0.1071-0.0526i	0.0287+0.0586i
17.9	-0.2644+0.5044i	-0.1931+0.0565i	-0.3881-0.0210i	0.6758-0.5341i	0.0645+0.2508i	0.0272-0.1012i	0.0972-0.0851i	0.0215+0.0845i
18.0	-0.2107+0.5140i	-0.1783+0.0676i	-0.3776-0.0205i	0.6145-0.5363i	0.0596+0.2705i	-0.0340-0.1166i	0.0510-0.0824i	0.0531+0.0870i
18.1	-0.1493+0.4624i	-0.1600+0.0632i	-0.3680-0.0102i	0.5346-0.5036i	0.1150+0.2482i	-0.0551-0.1153i	0.0127-0.0657i	0.0714+0.0931i
18.2	-0.1276+0.4113i	-0.1410+0.0595i	-0.3513-0.0023i	0.4556-0.4850i	0.1290+0.2012i	-0.0741-0.0883i	0.0007-0.0515i	0.0732+0.1045i

18.3	-0.1274+0.3442i	-0.1162+0.0552i	-0.3276-0.0009i	0.3381-0.4435i	0.1239+0.1571i	-0.0798-0.0930i	-0.0070-0.0240i	0.0874+0.0950i
18.4	-0.1305+0.2821i	-0.1069+0.0420i	-0.3224+0.0043i	0.2361-0.3768i	0.1364+0.1628i	-0.0484-0.0568i	-0.0073+0.0153i	0.1023+0.0470i
18.5	-0.1952+0.2289i	-0.1089+0.0100i	-0.3153+0.0048i	0.1828-0.1969i	0.1593+0.1055i	-0.0259-0.0547i	0.0071+0.0056i	0.0969+0.0411i
18.6	-0.2937+0.2605i	-0.1336-0.0010i	-0.3106+0.0108i	0.2732-0.0252i	0.1350+0.0869i	-0.0180-0.0588i	0.0081-0.0187i	0.0930+0.0189i
18.7	-0.3007+0.3519i	-0.1540+0.0275i	-0.3029+0.0195i	0.4891-0.0794i	0.0888+0.0772i	-0.0419-0.0960i	0.0137-0.0202i	0.0697+0.0203i
18.8	-0.2261+0.3838i	-0.1409+0.0647i	-0.2767+0.0322i	0.5256-0.2744i	0.0599+0.0675i	-0.0603-0.0977i	0.0273-0.0196i	0.0723+0.0426i
18.9	-0.1892+0.3855i	-0.1228+0.0789i	-0.2604+0.0319i	0.4565-0.3396i	0.0419+0.0638i	-0.0658-0.0479i	0.0158-0.0217i	0.0816+0.0400i
19.0	-0.1396+0.3709i	-0.1020+0.0820i	-0.2311+0.0295i	0.3962-0.3504i	0.0687+0.0761i	-0.0130-0.0352i	0.0075-0.0086i	0.0636+0.0266i
19.1	-0.1216+0.3477i	-0.0866+0.0809i	-0.2179+0.0215i	0.3594-0.3660i	0.0616+0.0814i	-0.0191-0.0170i	0.0159-0.0014i	0.0570+0.0191i
19.2	-0.1028+0.3328i	-0.0632+0.0788i	-0.1902+0.0076i	0.2776-0.3594i	0.0659+0.0835i	0.0077+0.0193i	0.0192-0.0035i	0.0435+0.0186i
19.3	-0.1011+0.3065i	-0.0567+0.0778i	-0.1713+0.0040i	0.2770-0.3506i	0.0443+0.0564i	-0.0058-0.0225i	0.0252-0.0185i	0.0484+0.0260i
19.4	-0.1033+0.2948i	-0.0498+0.0833i	-0.1596+0.0073i	0.2766-0.3763i	0.0313+0.0705i	-0.0572-0.0368i	0.0321-0.0239i	0.0568+0.0182i
19.5	-0.0825+0.2856i	-0.0330+0.0805i	-0.1371+0.0095i	0.2072-0.3729i	0.0573+0.0980i	-0.0497-0.0450i	0.0217-0.0149i	0.0488+0.0066i
19.6	-0.0737+0.2700i	-0.0260+0.0867i	-0.1315+0.0099i	0.1939-0.4068i	0.0563+0.0933i	-0.0373-0.0221i	0.0138-0.0146i	0.0478+0.0095i
19.7	-0.0681+0.2395i	-0.0165+0.0775i	-0.1248+0.0091i	0.1834-0.3708i	0.0585+0.0696i	-0.0337-0.0286i	0.0094-0.0177i	0.0490+0.0184i
19.8	-0.0723+0.2099i	-0.0085+0.0636i	-0.1188+0.0170i	0.1643-0.3100i	0.0510+0.0479i	-0.0354-0.0251i	0.0065-0.0158i	0.0570+0.0296i
19.9	-0.0622+0.1909i	-0.0005+0.0558i	-0.1076-0.0036i	0.0991-0.2931i	0.0561+0.0429i	-0.0570-0.0316i	0.0046-0.0084i	0.0346+0.0254i
20.0	-0.0731+0.1870i	0.0059+0.0601i	-0.0794+0.0021i	0.0785-0.3009i	0.0477+0.0486i	0.0020-0.0054i	0.0181+0.0001i	0.0284+0.0134i
20.1	-0.0724+0.1778i	0.0208+0.0720i	-0.0605-0.0007i	0.0219-0.3682i	0.0644+0.0650i	0.0452+0.0165i	0.0158+0.0082i	0.0384+0.0051i
20.2	-0.0726+0.1762i	0.0303+0.0671i	-0.0185-0.0286i	-0.0198-0.3424i	0.0578+0.0535i	0.0252-0.0036i	0.0022+0.0001i	0.0427+0.0017i
20.3	-0.0713+0.1789i	0.0338+0.0636i	-0.0139-0.0476i	-0.0500-0.3051i	0.0531+0.0391i	-0.0026-0.0359i	0.0080-0.0163i	0.0357+0.0048i
20.4	-0.0667+0.1631i	0.0390+0.0500i	-0.0019-0.0732i	-0.0458-0.2157i	0.0479+0.0130i	-0.0049-0.0313i	0.0040-0.0276i	0.0366+0.0020i
20.5	-0.0544+0.1547i	0.0521+0.0483i	0.0349-0.0798i	-0.0939-0.1995i	0.0478+0.0129i	-0.0093-0.0234i	-0.0024-0.0218i	0.0439-0.0077i
20.6	-0.0376+0.1418i	0.0628+0.0416i	0.0712-0.0849i	-0.1348-0.1817i	0.0591+0.0211i	0.0000+0.0030i	-0.0054-0.0153i	0.0297-0.0304i
20.7	-0.0469+0.1219i	0.0686+0.0332i	0.1019-0.0558i	-0.1546-0.1051i	0.0416+0.0062i	0.0034-0.0025i	-0.0145-0.0200i	0.0227-0.0340i
20.8	-0.0568+0.1130i	0.0660+0.0349i	0.1236-0.0487i	-0.1264-0.0776i	0.0361+0.0138i	-0.0126-0.0009i	-0.0225-0.0120i	0.0205-0.0398i
20.9	-0.0539+0.1066i	0.0656+0.0191i	0.1271-0.1425i	-0.1036-0.0240i	0.0358+0.0183i	-0.0066+0.0115i	-0.0127-0.0011i	0.0039-0.0187i
21.0	-0.0504+0.1129i	0.0683+0.0136i	0.1962-0.2913i	-0.0922-0.0237i	0.0200+0.0249i	0.0074+0.0401i	-0.0110+0.0075i	0.0031-0.0269i
21.1	-0.0493+0.0985i	0.0692+0.0109i	0.2292-0.3039i	-0.0800-0.0002i	0.0297+0.0123i	0.0143+0.0384i	-0.0140+0.0041i	-0.0088-0.0271i
21.2	-0.0526+0.0958i	0.0777+0.0111i	0.2118-0.3036i	-0.0953+0.0043i	0.0104+0.0147i	-0.0017-0.0079i	-0.0186+0.0065i	0.0008-0.0165i
21.3	-0.0675+0.0990i	0.0676+0.0079i	0.1551-0.3826i	-0.0635+0.0448i	0.0033-0.0002i	0.0063+0.0101i	-0.0192+0.0184i	-0.0076-0.0038i
21.4	-0.0718+0.0830i	0.0584-0.0042i	0.0642-0.4322i	-0.0446+0.0535i	0.0128-0.0118i	0.0200-0.0107i	-0.0186+0.0138i	-0.0196-0.0084i
21.5	-0.0491+0.0790i	0.0704-0.0037i	0.0827-0.4570i	-0.0509+0.0749i	0.0059+0.0062i	-0.0112-0.0189i	-0.0189+0.0260i	-0.0102-0.0035i
21.6	-0.0422+0.0829i	0.0746+0.0106i	0.0963-0.4460i	-0.0446+0.0495i	0.0101+0.0188i	-0.0009+0.0217i	-0.0131+0.0337i	-0.0123-0.0185i
21.7	-0.0354+0.0784i	0.0719+0.0122i	0.0134-0.4018i	-0.0323+0.0384i	0.0150+0.0189i	0.0149+0.0290i	0.0088+0.0282i	-0.0225-0.0146i
21.8	-0.0269+0.0635i	0.0672+0.0123i	-0.0181-0.4454i	0.0026+0.0467i	-0.0064+0.0068i	-0.0047+0.0222i	-0.0022+0.0259i	-0.0151-0.0018i
21.9	-0.0121+0.0520i	0.0747+0.0043i	-0.0179-0.4721i	0.0196+0.0618i	-0.0043+0.0123i	-0.0072-0.0029i	-0.0027+0.0186i	-0.0054-0.0038i
22.0	-0.0012+0.0434i	0.0769+0.0044i	0.0219-0.4398i	0.0457+0.0731i	-0.0036+0.0156i	0.0035-0.0303i	-0.0083+0.0210i	-0.0132+0.0090i
22.1	0.0066+0.0255i	0.0812+0.0011i	0.0769-0.4949i	0.0568+0.0727i	-0.0009+0.0140i	0.0264+0.0197i	0.0003+0.0053i	-0.0265+0.0056i
22.2	0.0125+0.0100i	0.0838+0.0010i	0.0856-0.5752i	0.0632+0.0485i	-0.0048+0.0282i	0.0064+0.0059i	-0.0093+0.0221i	-0.0318-0.0125i
22.3	0.0217+0.0041i	0.0828+0.0016i	0.0488-0.6244i	0.0677+0.0422i	-0.0020+0.0253i	-0.0315-0.0041i	-0.0156+0.0348i	-0.0394+0.0087i
22.4	0.0178-0.0288i	0.0923-0.0051i	-0.0064-0.7016i	0.0339+0.0327i	0.0003+0.0263i	-0.0145-0.0198i	-0.0084+0.0191i	-0.0345+0.0034i
22.5	0.0237-0.0399i	0.0940-0.0088i	0.0277-0.7912i	0.0760+0.0467i	-0.0121+0.0135i	-0.0117-0.0269i	-0.0085+0.0089i	-0.0371+0.0170i
22.6	0.0328-0.0672i	0.0966-0.0127i	0.0570-0.9287i	0.0845+0.0537i	-0.0034+0.0208i	-0.0025-0.0243i	-0.0077+0.0120i	-0.0361+0.0115i
22.7	0.0254-0.0944i	0.0940-0.0108i	-0.0035-1.0355i	0.0994+0.0365i	0.0012+0.0273i	0.0023-0.0134i	-0.0138+0.0179i	-0.0340+0.0069i
22.8	0.0111-0.1098i	0.0893-0.0132i	-0.1371-1.1152i	0.1159+0.0170i	-0.0099+0.0235i	0.0025-0.0098i	-0.0292+0.0208i	-0.0286+0.0072i
22.9	-0.0109-0.1109i	0.0791-0.0128i	-0.3660-1.1406i	0.1272-0.0100i	-0.0144+0.0196i	0.0072-0.0052i	-0.0383+0.0328i	-0.0292+0.0207i
23.0	-0.0377-0.1008i	0.0729+0.0008i	-0.6013-1.0770i	0.1136-0.0410i	-0.0023+0.0142i	0.0616-0.0205i	-0.0234+0.0489i	-0.0365+0.0454i
23.1	-0.0598-0.1105i	0.0736+0.0033i	-0.7332-1.0780i	0.0791-0.0528i	-0.0011+0.0240i	0.0651+0.0218i	-0.0085+0.0475i	-0.0424+0.0438i
23.2	-0.0700-0.1000i	0.0880+0.0053i	-0.8081-1.0325i	0.0151-0.0341i	-0.0049+0.0227i	0.0125+0.0506i	-0.0110+0.0296i	-0.0261+0.0384i
23.3	-0.0628-0.0936i	0.0851+0.0179i	-0.9295-0.9575i	0.0297-0.0890i	-0.0097+0.0232i	0.0280+0.0165i	-0.0078+0.0184i	-0.0315+0.0241i
23.4	-0.0563-0.0791i	0.0850+0.0261i	-1.0017-0.7891i	0.0582-0.1113i	-0.0174+0.0118i	-0.0105-0.0228i	-0.0127+0.0235i	-0.0328+0.0340i
23.5	-0.0502-0.0709i	0.0850+0.0219i	-1.0390-0.7207i	0.0645-0.0843i	-0.0095+0.0037i	-0.0077-0.0187i	-0.0091+0.0300i	-0.0268+0.0466i
23.6	-0.0315-0.0622i	0.0943+0.0227i	-1.0547-0.6500i	0.0289-0.0735i	-0.0132+0.0185i	-0.0239+0.0074i	-0.0101+0.0243i	-0.0288+0.0297i
23.7	-0.0101-0.0605i	0.1108+0.0361i	-1.0374-0.5631i	-0.0189-0.0677i	-0.0118+0.0101i	0.0080+0.0112i	-0.0223+0.0229i	-0.0571+0.0266i
23.8	-0.0075-0.0700i	0.1179+0.0342i	-1.0541-0.4957i	-0.0135-0.0770i	-0.0225+0.0010i	-0.0046+0.0258i	-0.0172+0.0337i	-0.0527+0.0339i
23.9	0.0161-0.0968i	0.1315+0.0386i	-1.0296-0.4052i	-0.0492-0.1018i	-0.0370+0.0325i	-0.0069-0.0076i	-0.0199+0.0402i	-0.0522+0.0711i
24.0	0.0279-0.1050i	0.1446+0.0313i	-1.0194-0.3745i	-0.0866-0.1016i	-0.0205+0.0352i	-0.0065+0.0211i	-0.0130+0.0336i	-0.0275+0.0588i
24.1	0.0404-0.1113i	0.1446+0.0393i	-1.0249-0.2858i	-0.0845-0.1191i	-0.0154+0.0332i	0.0257+0.0386i	-0.0275+0.0384i	-0.0444+0.0459i
24.2	0.0689-0.1291i	0.1509+0.0428i	-1.0296-0.2318i	-0.0474-0.1380i	-0.0396+0.0381i	0.0022+0.0268i	-0.0423+0.0486i	-0.0744+0.0540i
24.3	0.0700-0.1449i	0.1623+0.0423i	-0.9877-0.1932i	-0.0858-0.1427i	-0.0392+0.0412i	0.0098+0.0096i	-0.0486+0.0514i	-0.0571+0.0792i
24.4	0.0935-0.1503i	0.1716+0.0469i	-0.9802-0.1537i	-0.0860-0.1539i	-0.0464+0.0393i	-0.0147+0.0251i	-0.0571+0.0542i	-0.0669+0.0577i
24.5	0.0927-0.1623i	0.1704+0.0398i	-0.9553-0.1185i	-0.1113-0.0977i	-0.0271+0.0256i	0.0041+0.0553i	-0.0518+0.0596i	-0.0513+0.0663i

24.6	0.0794-0.1863i	0.1715+0.0308i	-0.9322-0.1012i	-0.1267-0.0670i	-0.0220+0.0295i	0.0056+0.0156i	-0.0550+0.0535i	-0.0364+0.0668i
24.7	0.0838-0.1953i	0.1819+0.0234i	-0.9121-0.0891i	-0.1485-0.0559i	-0.0221+0.0388i	-0.0145+0.0784i	-0.0649+0.0567i	-0.0422+0.0491i
24.8	0.0945-0.2120i	0.1910+0.0262i	-0.9005-0.0749i	-0.1617-0.0773i	-0.0405+0.0479i	-0.0627+0.0632i	-0.0659+0.0802i	-0.0406+0.0683i
24.9	0.1130-0.2191i	0.1916+0.0275i	-0.9019-0.0526i	-0.1348-0.0734i	-0.0569+0.0460i	-0.0142+0.0180i	-0.0581+0.0874i	-0.0574+0.0740i
25.0	0.1130-0.2345i	0.1986+0.0218i	-0.8679-0.0297i	-0.1507-0.0529i	-0.0319+0.0477i	0.0323+0.0463i	-0.0571+0.0965i	-0.0695+0.0673i
25.1	0.1124-0.2688i	0.2070+0.0196i	-0.8457-0.0006i	-0.1827-0.0327i	-0.0211+0.0602i	0.0235+0.0243i	-0.0502+0.0986i	-0.0444+0.0757i
25.2	0.1252-0.2831i	0.2188+0.0170i	-0.8402+0.0068i	-0.2286-0.0297i	-0.0177+0.0523i	0.0136+0.0109i	-0.0336+0.1016i	-0.0289+0.0782i
25.3	0.1446-0.3036i	0.2211+0.0134i	-0.8448+0.0177i	-0.2293-0.0166i	-0.0321+0.0327i	0.0289+0.0306i	-0.0400+0.1187i	-0.0312+0.0787i
25.4	0.1595-0.3331i	0.2264+0.0046i	-0.8366+0.0307i	-0.2227+0.0105i	-0.0366+0.0417i	0.0251+0.0525i	-0.0621+0.1370i	-0.0498+0.0940i
25.5	0.1590-0.3635i	0.2350-0.0008i	-0.8114+0.0456i	-0.2331+0.0423i	-0.0308+0.0479i	0.0126+0.0130i	-0.0421+0.1507i	-0.0347+0.1026i
25.6	0.1629-0.3852i	0.2326+0.0043i	-0.7976+0.0617i	-0.2175+0.0865i	-0.0358+0.0778i	0.0035+0.0444i	-0.0215+0.1585i	-0.0191+0.0823i
25.7	0.1599-0.4150i	0.2399-0.0011i	-0.7711+0.0695i	-0.2523+0.1366i	-0.0342+0.1021i	0.0189+0.0639i	0.0017+0.1887i	-0.0322+0.0879i
25.8	0.1491-0.4484i	0.2476-0.0166i	-0.7473+0.0704i	-0.2427+0.1791i	-0.0292+0.0989i	0.0276+0.0700i	0.0167+0.1661i	-0.0315+0.0874i
25.9	0.1422-0.4797i	0.2454-0.0201i	-0.7305+0.0704i	-0.1855+0.1871i	-0.0669+0.0929i	0.0411+0.0343i	-0.0206+0.1747i	-0.0498+0.1096i
26.0	0.1400-0.5075i	0.2355-0.0206i	-0.7229+0.0716i	-0.1244+0.1555i	-0.0400+0.1384i	0.0994+0.0685i	0.0127+0.2035i	-0.0545+0.1289i
26.1	0.1368-0.5215i	0.2353-0.0170i	-0.7008+0.0690i	-0.1031+0.1386i	-0.0136+0.1489i	0.0789+0.0841i	0.0495+0.2006i	-0.0307+0.1437i
26.2	0.1199-0.5493i	0.2330-0.0201i	-0.6883+0.0604i	-0.0522+0.1573i	0.0393+0.1404i	0.0536+0.0755i	0.0724+0.2033i	-0.0317+0.1499i
26.3	0.1192-0.5883i	0.2450-0.0099i	-0.6664+0.0730i	-0.0585+0.1187i	0.0488+0.1138i	0.0658+0.0354i	0.0749+0.2046i	-0.0390+0.1615i
26.4	0.1129-0.6238i	0.2572-0.0099i	-0.6358+0.0744i	-0.0770+0.0949i	0.0518+0.0952i	0.0782+0.0452i	0.0910+0.2158i	-0.0277+0.1602i
26.5	0.1015-0.6660i	0.2714-0.0104i	-0.6068+0.0520i	-0.1078+0.1036i	0.0523+0.0974i	0.0734+0.0573i	0.1086+0.2297i	0.0014+0.1591i
26.6	0.0740-0.7025i	0.2759-0.0173i	-0.5663+0.0249i	-0.1335+0.1123i	0.0340+0.1149i	0.0839+0.0917i	0.1159+0.2266i	0.0110+0.1915i
26.7	0.0529-0.7278i	0.2747-0.0205i	-0.5349-0.0176i	-0.0984+0.1115i	0.0295+0.1097i	0.1092+0.0601i	0.1397+0.2107i	0.0367+0.1934i
26.8	0.0359-0.7586i	0.2852-0.0256i	-0.5062-0.0676i	-0.0875+0.1520i	0.0517+0.0997i	0.1023+0.0604i	0.1728+0.2046i	0.0342+0.2042i
26.9	0.0191-0.7893i	0.2938-0.0309i	-0.4674-0.1246i	-0.0861+0.1719i	0.0592+0.0956i	0.1118+0.0342i	0.1964+0.1876i	0.0261+0.2098i
27.0	-0.0105-0.8284i	0.3054-0.0385i	-0.4634-0.2005i	-0.0658+0.1567i	0.0463+0.1085i	0.0916+0.0134i	0.2138+0.1705i	0.0391+0.2231i
27.1	-0.0240-0.8834i	0.3189-0.0399i	-0.4681-0.3158i	-0.0555+0.1237i	0.0366+0.1101i	0.0902+0.0070i	0.2348+0.1577i	0.0958+0.2595i
27.2	-0.0768-0.9454i	0.3221-0.0516i	-0.5363-0.4522i	-0.0302+0.0742i	0.0671+0.1114i	0.0925-0.0093i	0.2427+0.1277i	0.1207+0.2427i
27.3	-0.1505-0.9877i	0.3215-0.0612i	-0.6408-0.5521i	-0.0652+0.0269i	0.1119+0.1525i	0.1127+0.0402i	0.2647+0.1255i	0.1642+0.2259i
27.4	-0.2514-0.9994i	0.3198-0.0699i	-0.7524-0.6294i	-0.0933+0.0273i	0.1431+0.1478i	0.1353+0.0497i	0.2724+0.1069i	0.2085+0.2068i
27.5	-0.3567-0.9940i	0.3201-0.0830i	-0.8927-0.7098i	-0.1058+0.0669i	0.1730+0.1329i	0.1214+0.0107i	0.2797+0.0775i	0.2701+0.1815i
27.6	-0.4430-0.9643i	0.3062-0.0721i	-1.0337-0.7209i	-0.0728+0.0423i	0.1851+0.1378i	0.1133-0.0191i	0.2693+0.0724i	0.2937+0.1571i
27.7	-0.5217-0.9059i	0.3027-0.0611i	-1.2070-0.6610i	-0.0690-0.0366i	0.1725+0.1064i	0.1207-0.0343i	0.2674+0.0352i	0.2989+0.1054i
27.8	-0.5828-0.8422i	0.3108-0.0753i	-1.3369-0.6326i	-0.1374-0.0195i	0.2049+0.0719i	0.1573-0.0587i	0.2745+0.0099i	0.2796+0.0353i
27.9	-0.6233-0.7414i	0.3075-0.0488i	-1.4668-0.5230i	-0.1809-0.0736i	0.1895+0.0533i	0.0897-0.0322i	0.2665-0.0290i	0.2497+0.0199i
28.0	-0.6182-0.6689i	0.3167-0.0396i	-1.5386-0.4344i	-0.2317-0.0660i	0.2013+0.0296i	0.0460+0.0196i	0.2438-0.0420i	0.1956+0.0102i
28.1	-0.5924-0.6225i	0.3324-0.0469i	-1.5804-0.3651i	-0.2297-0.0017i	0.1897+0.0005i	0.0424+0.0015i	0.2176-0.0515i	0.1810+0.0053i
28.2	-0.5791-0.5678i	0.3259-0.0331i	-1.6264-0.2820i	-0.1663-0.0328i	0.1720-0.0025i	0.0182-0.0031i	0.1990-0.0463i	0.1667+0.0160i
28.3	-0.5601-0.5189i	0.3321-0.0376i	-1.6835-0.2240i	-0.1545+0.0003i	0.1740-0.0150i	0.0565-0.0036i	0.1873-0.0414i	0.1532+0.0171i
28.4	-0.5189-0.4824i	0.3461-0.0352i	-1.7294-0.1677i	-0.1420-0.0152i	0.1728-0.0192i	0.0613-0.0234i	0.1855-0.0390i	0.1487+0.0076i
28.5	-0.4892-0.4640i	0.3641-0.0309i	-1.7744-0.1140i	-0.1790-0.0705i	0.1429-0.0309i	0.0293-0.0196i	0.1576-0.0467i	0.1479+0.0302i
28.6	-0.4413-0.4378i	0.3878-0.0301i	-1.8206-0.0717i	-0.1803-0.0777i	0.1395-0.0606i	-0.0169-0.0571i	0.1574-0.0630i	0.1493+0.0217i
28.7	-0.4068-0.4199i	0.4009-0.0285i	-1.8530-0.0161i	-0.1950-0.1043i	0.1759-0.0825i	-0.0105-0.0087i	0.1780-0.0812i	0.1433-0.0020i
28.8	-0.3756-0.4156i	0.4163-0.0329i	-1.8906+0.0428i	-0.2493-0.1059i	0.2019-0.0828i	0.0376+0.0224i	0.1924-0.0765i	0.1445+0.0041i
28.9	-0.3310-0.3984i	0.4254-0.0341i	-1.9438+0.0856i	-0.2777-0.0812i	0.1980-0.0624i	-0.0040+0.0303i	0.1815-0.0568i	0.1133-0.0183i
29.0	-0.3017-0.4072i	0.4387-0.0383i	-2.0184+0.1320i	-0.2759-0.0970i	0.2114-0.0402i	0.0273+0.0626i	0.2076-0.0336i	0.1286-0.0179i
29.1	-0.2822-0.4151i	0.4440-0.0473i	-2.0749+0.1642i	-0.2917-0.1132i	0.1927-0.0788i	0.0240+0.0224i	0.1805-0.0647i	0.1177-0.0316i
29.2	-0.2425-0.4227i	0.4641-0.0541i	-2.1073+0.2122i	-0.3595-0.1195i	0.1509-0.0954i	0.0247-0.0049i	0.1371-0.0656i	0.0742-0.0209i
29.3	-0.1953-0.4190i	0.4899-0.0604i	-2.1886+0.2616i	-0.4207-0.1230i	0.1768-0.1117i	0.0199-0.0039i	0.1567-0.0605i	0.0724+0.0107i
29.4	-0.1462-0.4249i	0.5129-0.0680i	-2.2612+0.3111i	-0.4131-0.1338i	0.1849-0.1356i	0.0712+0.0229i	0.1549-0.0669i	0.0640-0.0046i
29.5	-0.1105-0.4453i	0.5420-0.0760i	-2.3630+0.3841i	-0.5026-0.1181i	0.1636-0.1168i	0.0984+0.0548i	0.1511-0.0506i	0.0409-0.0296i
29.6	-0.1011-0.4865i	0.5301-0.0989i	-2.4402+0.4638i	-0.5597-0.1150i	0.1687-0.1422i	0.1067+0.0730i	0.1806-0.0749i	0.0248+0.0202i
29.7	-0.0639-0.5176i	0.5319-0.1102i	-2.5402+0.5323i	-0.6030-0.1271i	0.1539-0.1975i	0.0649+0.0690i	0.1722-0.1272i	0.0250+0.0483i
29.8	-0.0025-0.5464i	0.5462-0.1264i	-2.6626+0.6079i	-0.6078-0.0815i	0.1387-0.2112i	0.0422+0.0831i	0.1603-0.1366i	0.0178+0.0741i
29.9	0.0336-0.5584i	0.5535-0.1307i	-2.7624+0.6715i	-0.5894-0.0884i	0.1776-0.1819i	0.0717+0.1047i	0.1853-0.1184i	0.0481+0.1068i
30.0	0.0890-0.6093i	0.5625-0.1527i	-2.8836+0.7835i	-0.6367-0.0754i	0.1705-0.2499i	0.1429+0.1066i	0.1527-0.1513i	0.0356+0.1505i
30.1	0.1204-0.6767i	0.5461-0.1752i	-3.0584+0.9197i	-0.6441+0.0040i	0.1125-0.2540i	0.1079+0.0792i	0.1223-0.1435i	0.0239+0.2058i
30.2	0.1529-0.7373i	0.5561-0.1832i	-3.1893+1.0557i	-0.6745-0.0134i	0.1055-0.2649i	0.1021+0.1051i	0.1258-0.1396i	0.0528+0.2188i
30.3	0.1964-0.7980i	0.5761-0.1761i	-3.3330+1.2695i	-0.7828-0.0264i	0.0893-0.2814i	0.1377+0.1216i	0.1172-0.1189i	0.0928+0.2654i
30.4	0.2124-0.9053i	0.5837-0.1938i	-3.4834+1.5067i	-0.8252+0.0460i	0.0716-0.2768i	0.1613+0.1014i	0.1306-0.0995i	0.1293+0.3045i
30.5	0.2173-1.0067i	0.5860-0.2217i	-3.6710+1.7547i	-0.8446+0.1196i	0.0396-0.2819i	0.1878+0.1444i	0.1342-0.1033i	0.2221+0.3330i
30.6	0.2117-1.0574i	0.5871-0.2251i	-3.7670+1.9984i	-0.8737+0.1861i	0.0376-0.2543i	0.1868+0.1437i	0.1275-0.0812i	0.2605+0.3280i
30.7	0.2103-1.1246i	0.5703-0.1992i	-3.8037+2.3366i	-0.8676+0.1363i	-0.0030-0.2761i	0.2296+0.0624i	0.0993-0.0919i	0.3433+0.3212i
30.8	0.2248-1.2237i	0.5513-0.1846i	-3.9216+2.7629i	-0.8494+0.1063i	0.0154-0.2992i	0.2903+0.0970i	0.1325-0.1039i	0.4162+0.2668i

30.9	0.2262-1.3168i	0.5629-0.1743i	-3.9975+3.1600i	-0.8722+0.1833i	0.0287-0.3100i	0.3163+0.0604i	0.1710-0.1133i	0.4505+0.2605i
31.0	0.2225-1.4258i	0.5681-0.1603i	-4.0196+3.6192i	-0.9087+0.2182i	0.0164-0.2982i	0.3339-0.0027i	0.1941-0.1199i	0.4924+0.2490i
31.1	0.2126-1.5799i	0.5737-0.1502i	-4.0081+4.1583i	-0.9221+0.2515i	0.0468-0.3583i	0.3770-0.0030i	0.2320-0.1412i	0.5218+0.2500i
31.2	0.2056-1.7165i	0.6008-0.1380i	-3.9570+4.7181i	-0.9282+0.2955i	0.0863-0.4075i	0.3704-0.0238i	0.2603-0.1858i	0.5420+0.2144i
31.3	0.1909-1.8358i	0.6124-0.1221i	-3.8563+5.1642i	-0.9209+0.3392i	0.0981-0.4416i	0.3553-0.0656i	0.2689-0.2232i	0.5555+0.1524i
31.4	0.0991-1.9573i	0.6567-0.1007i	-3.4780+5.7131i	-0.9462+0.3626i	0.0433-0.4675i	0.3510-0.0573i	0.2647-0.2533i	0.6375+0.1248i
31.5	-0.0001-2.1255i	0.6964-0.0898i	-3.0033+6.3805i	-0.9199+0.3782i	0.0154-0.5412i	0.3167-0.1364i	0.2568-0.3070i	0.7041+0.0953i
31.6	-0.0962-2.2631i	0.7495-0.0678i	-2.6154+6.8523i	-1.0005+0.3979i	-0.0235-0.5697i	0.3309-0.1486i	0.2365-0.3518i	0.7469+0.0500i
31.7	-0.2554-2.3970i	0.8166-0.0547i	-1.8146+7.2797i	-1.0580+0.4202i	-0.0871-0.6294i	0.3506-0.1787i	0.1996-0.4061i	0.7593+0.0172i
31.8	-0.3855-2.5380i	0.8897-0.0738i	-1.2156+7.6971i	-1.1097+0.4913i	-0.1970-0.6911i	0.3581-0.2203i	0.1491-0.4474i	0.8435-0.0537i
31.9	-0.5409-2.6668i	0.9558-0.0796i	-0.6577+8.0404i	-1.1715+0.5033i	-0.3221-0.7477i	0.3718-0.2447i	0.0722-0.4945i	0.9214-0.1105i
32.0	-0.7208-2.6817i	0.9985-0.0795i	0.1057+7.7636i	-1.1714+0.4645i	-0.4063-0.8226i	0.3223-0.2660i	0.0067-0.5158i	0.9175-0.1488i
32.1	-0.9478-2.8017i	1.0913-0.0961i	0.9304+7.7290i	-1.1814+0.5030i	-0.5978-0.8218i	0.2511-0.3182i	-0.0758-0.5100i	0.9917-0.2427i
32.2	-1.1999-2.9740i	1.1730-0.1371i	1.7948+8.0736i	-1.1760+0.5681i	-0.7171-0.7635i	0.1949-0.3392i	-0.1542-0.5047i	1.0588-0.3904i
32.3	-1.4757-2.9765i	1.2212-0.1770i	2.4707+8.0351i	-1.1772+0.5919i	-0.8790-0.6394i	0.1388-0.3541i	-0.2381-0.4572i	1.1010-0.5657i
32.4	-1.8496-3.0653i	1.3011-0.2221i	3.2601+8.1421i	-1.2444+0.5958i	-1.0512-0.5446i	0.0723-0.3473i	-0.3201-0.4293i	1.1188-0.7388i
32.5	-2.1784-2.9138i	1.3737-0.2852i	4.1177+7.6298i	-1.2745+0.6296i	-1.1737-0.2925i	-0.0140-0.2839i	-0.3949-0.2957i	1.0432-0.9926i
32.6	-2.3903-2.8143i	1.4195-0.3443i	4.7815+7.1318i	-1.2960+0.6381i	-1.2283-0.1026i	-0.0182-0.2485i	-0.4129-0.1914i	0.9903-1.1424i
32.7	-2.4371-2.5821i	1.4998-0.3830i	5.1875+6.3103i	-1.4021+0.6110i	-1.2019+0.0822i	0.0290-0.2326i	-0.3750-0.1109i	0.9053-1.2134i
32.8	-2.6510-2.3938i	1.5913-0.4473i	5.6530+5.8399i	-1.5214+0.6487i	-1.2365+0.3039i	-0.0555-0.2120i	-0.4014-0.0462i	0.7862-1.4362i
32.9	-2.8525-2.3903i	1.6918-0.5093i	6.0377+5.3993i	-1.6786+0.6634i	-1.1957+0.5023i	-0.0243-0.0377i	-0.3788+0.0783i	0.6605-1.6211i
33.0	-2.9257-2.2740i	1.7918-0.5979i	6.2747+4.6186i	-1.8738+0.7351i	-1.1072+0.6250i	0.0506-0.0217i	-0.2983+0.1720i	0.5187-1.6566i
33.1	-3.1809-2.1545i	1.9074-0.7199i	6.7101+4.1194i	-2.0692+0.8338i	-1.0522+0.6967i	0.1387-0.0585i	-0.2230+0.2409i	0.3484-1.7014i
33.2	-3.4519-1.7778i	1.9497-0.9345i	6.9119+3.0143i	-2.1705+1.1286i	-0.7692+0.8787i	0.1854-0.0331i	-0.0321+0.2818i	-0.0716-1.7455i
33.3	-3.5546-1.5844i	2.0213-1.0696i	6.7324+2.3372i	-2.3194+1.3767i	-0.5946+0.9447i	0.2100-0.0466i	0.1092+0.2924i	-0.2878-1.7144i
33.4	-3.5128-1.2122i	2.0658-1.1869i	6.2417+1.6887i	-2.3741+1.5642i	-0.3779+0.8277i	0.2869-0.0490i	0.2247+0.2290i	-0.4694-1.4662i
33.5	-3.7050-0.9160i	2.1673-1.4010i	6.0809+1.2700i	-2.4538+1.9330i	-0.2755+0.8951i	0.4020-0.1058i	0.3743+0.1545i	-0.6482-1.5095i
33.6	-3.7552-0.7548i	2.2723-1.6698i	5.8539+1.1241i	-2.5737+2.2876i	-0.0843+0.8773i	0.3871-0.1409i	0.5256+0.0034i	-0.9142-1.4197i
33.7	-3.5245-0.4199i	2.2643-1.9837i	5.5025+0.5939i	-2.4815+2.6652i	0.0462+0.7835i	0.3655-0.2639i	0.5661-0.2343i	-1.0335-1.1722i
33.8	-3.1294-0.2461i	2.2155-2.2094i	4.9891+0.5037i	-2.3960+2.8587i	0.0555+0.6126i	0.4167-0.4100i	0.5138-0.4397i	-0.9488-0.9519i
33.9	-2.7503-0.4300i	2.1829-2.4595i	4.4392+0.7772i	-2.3797+3.0768i	-0.0218+0.4953i	0.3833-0.5484i	0.4060-0.6150i	-0.7734-0.8302i
34.0	-2.9457-0.9701i	2.2979-2.8836i	4.5544+1.2565i	-2.6309+3.6657i	-0.0407+0.4352i	0.2830-0.6045i	0.2975-0.8213i	-0.8033-0.7904i
34.1	-3.6017-1.2647i	2.1516-3.4099i	5.0819+1.4568i	-2.5112+4.4093i	-0.1032+0.4412i	0.1537-0.6462i	0.0485-0.9751i	-0.8128-0.7992i
34.2	-4.2865-1.1014i	1.9248-3.9213i	5.6389+1.3329i	-2.2207+5.1988i	-0.1404+0.5527i	0.0389-0.7447i	-0.2185-0.9627i	-0.8432-0.8882i
34.3	-5.1348-0.2195i	1.2634-4.6257i	6.2957+0.6930i	-1.2941+6.3150i	-0.0804+0.6664i	-0.0992-0.7687i	-0.4805-0.8958i	-1.0573-0.8805i
34.4	-5.6434+1.2466i	0.2240-5.2382i	7.0142-0.3177i	0.3584+7.1452i	0.0214+0.7867i	-0.2593-0.7093i	-0.7195-0.7824i	-1.2556-0.8615i
34.5	-5.1618+2.5519i	-1.0302-5.0724i	7.0314-1.2631i	2.3478+6.8447i	0.2182+0.7853i	-0.3696-0.5485i	-0.8869-0.5840i	-1.4190-0.6495i
34.6	-4.3721+3.3211i	-1.9710-4.6343i	6.9895-1.8854i	3.8159+6.0760i	0.3256+0.7080i	-0.4315-0.3865i	-0.9826-0.4049i	-1.4942-0.4418i
34.7	-2.8359+3.5669i	-2.6854-3.3601i	6.2603-2.8480i	4.6872+3.9152i	0.4602+0.5254i	-0.4299-0.2117i	-0.9759-0.0716i	-1.4520-0.0820i
34.8	-1.9597+3.3478i	-2.7666-2.4308i	5.6434-3.7759i	4.5619+2.3963i	0.5696+0.3503i	-0.4274-0.1560i	-0.8890+0.1479i	-1.4515+0.2491i
34.9	-1.5739+2.9326i	-2.4793-1.8572i	5.0343-4.0195i	3.9446+1.6045i	0.5178+0.2726i	-0.3364-0.1122i	-0.7486+0.2431i	-1.3003+0.3282i
35.0	-1.2473+2.6377i	-2.2503-1.3937i	4.3680-4.4034i	3.3755+0.9357i	0.4716+0.1986i	-0.2301-0.0755i	-0.6296+0.3595i	-1.1598+0.4403i
35.1	-1.0541+2.3758i	-1.8957-1.0901i	3.5331-4.4836i	2.6899+0.6246i	0.4160+0.1183i	-0.1802-0.0929i	-0.5068+0.3648i	-0.9789+0.5321i
35.2	-0.7938+2.1189i	-1.5725-0.8468i	2.5968-4.5085i	2.0570+0.4038i	0.3787+0.0741i	-0.1738-0.0698i	-0.3774+0.3645i	-0.8236+0.5912i
35.3	-0.5924+2.0091i	-1.3415-0.7208i	1.8144-4.5881i	1.6390+0.3482i	0.3254+0.0162i	-0.1688-0.0785i	-0.2829+0.3545i	-0.6761+0.6195i
35.4	-0.4845+1.8425i	-1.1410-0.6617i	1.2466-4.2987i	1.3222+0.4385i	0.2787-0.0330i	-0.1435-0.0862i	-0.2047+0.3019i	-0.5611+0.6202i
35.5	-0.4145+1.5971i	-0.9191-0.6916i	0.8292-3.7441i	1.0722+0.6562i	0.2441-0.0141i	-0.1345-0.1099i	-0.1671+0.2215i	-0.4592+0.5132i
35.6	-0.2413+1.4405i	-0.7717-0.6654i	0.3459-3.4434i	0.8650+0.7238i	0.1781-0.0316i	-0.1538-0.1308i	-0.1287+0.1964i	-0.3209+0.5023i
35.7	-0.1570+1.1565i	-0.6089-0.6737i	0.0507-2.8232i	0.6731+0.8942i	0.1360-0.0238i	-0.1789-0.0818i	-0.1202+0.1468i	-0.2340+0.4566i
35.8	-0.2069+0.9916i	-0.5042-0.7306i	0.0083-2.3790i	0.6238+0.9907i	0.1224+0.0037i	-0.2075-0.0711i	-0.1250+0.1436i	-0.2203+0.3698i
35.9	-0.1749+0.7580i	-0.3782-0.7873i	-0.0626-1.9959i	0.5475+1.1415i	0.1052+0.0307i	-0.1888-0.0673i	-0.1360+0.0931i	-0.1982+0.2473i
36.0	-0.2044+0.6660i	-0.3056-0.8255i	-0.0264-1.7858i	0.5447+1.2767i	0.1158+0.0156i	-0.1584-0.0991i	-0.1577+0.0635i	-0.1871+0.2399i
36.1	-0.1920+0.5226i	-0.2374-0.8418i	-0.0824-1.4389i	0.5182+1.3637i	0.1265+0.0082i	-0.1447-0.0835i	-0.1738+0.0718i	-0.2022+0.2406i
36.2	-0.2944+0.3858i	-0.1695-0.9439i	0.0925-1.2053i	0.5304+1.4416i	0.1232+0.0316i	-0.1557-0.0833i	-0.2237+0.0467i	-0.2273+0.1597i
36.3	-0.3217+0.3183i	-0.1148-0.9947i	0.1518-1.0687i	0.5224+1.4613i	0.0987+0.0330i	-0.1712-0.1009i	-0.2321+0.0695i	-0.2131+0.1209i
36.4	-0.3094+0.1609i	-0.0216-1.0571i	0.1807-0.7440i	0.4532+1.5961i	0.0988+0.0348i	-0.1856-0.0887i	-0.2523+0.0892i	-0.2302+0.1080i
36.5	-0.3928+0.0393i	0.0189-1.1665i	0.3459-0.5700i	0.4412+1.7257i	0.0645+0.0588i	-0.1919-0.0635i	-0.2705+0.1208i	-0.2175+0.0726i
36.6	-0.4963+0.0315i	-0.0309-1.2698i	0.5108-0.6246i	0.5822+1.8153i	0.0771+0.0422i	-0.1536-0.0479i	-0.2669+0.1686i	-0.2546+0.1121i
36.7	-0.5417-0.0331i	-0.0094-1.3510i	0.5825-0.5566i	0.6205+1.9206i	0.0797+0.0451i	-0.1333-0.0218i	-0.2585+0.1852i	-0.2695+0.0969i
36.8	-0.5889-0.1107i	0.0165-1.4228i	0.7089-0.4126i	0.6464+2.0425i	0.0802+0.0449i	-0.1063-0.0077i	-0.2394+0.2001i	-0.2667+0.1000i
36.9	-0.6832-0.1565i	-0.0127-1.5465i	0.8799-0.3529i	0.7451+2.2090i	0.0962+0.0243i	-0.1121+0.0439i	-0.2201+0.2464i	-0.2972+0.1525i
37.0	-0.7608-0.2087i	-0.0210-1.6189i	1.0324-0.2664i	0.8023+2.2642i	0.0993+0.0310i	-0.0900-0.0051i	-0.1922+0.2411i	-0.2938+0.1408i
37.1	-0.8800-0.2477i	-0.0705-1.7549i	1.2346-0.2580i	0.9759+2.3682i	0.0767+0.0307i	-0.0666-0.0308i	-0.1740+0.2389i	-0.2727+0.1193i

37.2	-0.9200-0.2299i	-0.1158-1.8121i	1.3045-0.3313i	1.0684+2.3759i	0.0683+0.0447i	-0.0619-0.0512i	-0.1317+0.2574i	-0.2478+0.0960i
37.3	-0.9530-0.2062i	-0.1871-1.8447i	1.3493-0.4246i	1.1843+2.3739i	0.0863+0.0330i	-0.0835-0.0515i	-0.1155+0.2409i	-0.2578+0.0990i
37.4	-1.0251-0.1715i	-0.2666-1.8867i	1.4764-0.5096i	1.3896+2.3414i	0.0894+0.0157i	-0.1062-0.0880i	-0.1093+0.2350i	-0.2634+0.1268i
37.5	-1.1429-0.1683i	-0.3286-2.0113i	1.6869-0.5775i	1.5482+2.4581i	0.1098+0.0041i	-0.0860-0.0712i	-0.0980+0.2290i	-0.2798+0.1532i
37.6	-1.1794-0.1235i	-0.4328-2.0722i	1.7007-0.6934i	1.6754+2.3900i	0.1056-0.0152i	-0.1215-0.1016i	-0.0898+0.2380i	-0.2790+0.1504i
37.7	-1.2325-0.0445i	-0.5889-2.1522i	1.7541-0.9441i	1.8638+2.4196i	0.0926-0.0300i	-0.1437-0.0849i	-0.0778+0.2365i	-0.2709+0.1661i
37.8	-1.2445-0.0048i	-0.6844-2.1569i	1.6896-1.0934i	1.9648+2.3220i	0.0647-0.0412i	-0.0994-0.0849i	-0.0789+0.2346i	-0.2447+0.1706i
37.9	-1.2857+0.0370i	-0.7935-2.2191i	1.6665-1.2569i	2.1300+2.3392i	0.0608-0.0472i	-0.1106-0.0683i	-0.0847+0.2167i	-0.2528+0.1489i
38.0	-1.3366+0.0757i	-0.9413-2.2558i	1.7096-1.3979i	2.3566+2.3036i	0.0668-0.0382i	-0.1747-0.0633i	-0.0827+0.2206i	-0.2664+0.1598i
38.1	-1.3349+0.1481i	-1.0448-2.1882i	1.6403-1.5250i	2.4883+2.1311i	0.0460-0.0339i	-0.1580-0.0808i	-0.1053+0.2308i	-0.2712+0.1690i
38.2	-1.3462+0.2134i	-1.1648-2.1672i	1.5421-1.7142i	2.6260+1.9485i	0.0354-0.0414i	-0.1896-0.0291i	-0.1070+0.2462i	-0.2815+0.1756i
38.3	-1.3108+0.2834i	-1.2807-2.1222i	1.4177-1.8111i	2.7968+1.7727i	0.0394-0.0466i	-0.1944-0.0444i	-0.0977+0.2724i	-0.2694+0.2205i
38.4	-1.3076+0.3263i	-1.3408-2.0848i	1.3525-1.8677i	2.8247+1.6063i	0.0537-0.0493i	-0.1895-0.0793i	-0.0841+0.2921i	-0.2547+0.2464i
38.5	-1.2574+0.4093i	-1.4264-2.0041i	1.1583-2.0094i	2.8387+1.3410i	0.0454-0.0683i	-0.2084-0.0985i	-0.0506+0.3273i	-0.2270+0.2773i
38.6	-1.2042+0.4574i	-1.5393-1.9424i	0.9220-2.0287i	2.8307+1.1630i	0.0177-0.0802i	-0.2018-0.0939i	-0.0067+0.3173i	-0.1979+0.2627i
38.7	-1.1372+0.4397i	-1.6007-1.9153i	0.7325-1.9345i	2.7425+1.1385i	0.0139-0.0866i	-0.2383-0.0422i	0.0318+0.3017i	-0.1806+0.2585i
38.8	-1.0795+0.4373i	-1.6582-1.8948i	0.5436-1.8265i	2.6902+1.0601i	0.0040-0.0906i	-0.2610-0.0341i	0.0500+0.2901i	-0.1681+0.2629i
38.9	-1.0241+0.4355i	-1.7319-1.8082i	0.4057-1.7870i	2.6490+0.9736i	-0.0153-0.0995i	-0.2935-0.0201i	0.0558+0.2751i	-0.1597+0.2773i
39.0	-0.9522+0.3862i	-1.7849-1.7366i	0.1875-1.6310i	2.5940+0.9692i	-0.0542-0.1090i	-0.3029+0.0077i	0.0669+0.2588i	-0.1142+0.2742i
39.1	-0.9600+0.3529i	-1.8471-1.7075i	0.2367-1.4676i	2.6067+0.9486i	-0.0656-0.1007i	-0.3355+0.0276i	0.0625+0.2320i	-0.1196+0.2556i
39.2	-0.9106+0.3482i	-1.8944-1.6131i	0.2371-1.3721i	2.6059+0.8420i	-0.0925-0.0856i	-0.3431+0.0494i	0.0561+0.2322i	-0.1074+0.2488i
39.3	-0.8830+0.3059i	-1.9615-1.5521i	0.2086-1.3899i	2.6330+0.8337i	-0.1066-0.0621i	-0.3424+0.1329i	0.0447+0.2369i	-0.1081+0.2446i
39.4	-0.8522+0.2618i	-2.0047-1.4895i	0.2126-1.3286i	2.6317+0.8298i	-0.1100-0.0518i	-0.3471+0.1874i	0.0539+0.2412i	-0.1122+0.2451i
39.5	-0.8685+0.2213i	-2.0491-1.4252i	0.2369-1.2237i	2.7734+0.8060i	-0.1213-0.0341i	-0.3150+0.2209i	0.0567+0.2408i	-0.1051+0.2370i
39.6	-0.8788+0.1778i	-2.1184-1.3625i	0.3210-1.2819i	2.8334+0.8240i	-0.1333-0.0080i	-0.2698+0.2578i	0.0913+0.2493i	-0.0763+0.2122i
39.7	-0.8822+0.1546i	-2.1147-1.2845i	0.3484-1.3820i	2.8116+0.7236i	-0.1155-0.0007i	-0.2895+0.2487i	0.1091+0.2436i	-0.0693+0.2300i
39.8	-0.8930+0.1619i	-2.1372-1.2073i	0.2457-1.4009i	2.8179+0.6093i	-0.1091+0.0128i	-0.2250+0.2908i	0.1217+0.2564i	-0.0620+0.2547i
39.9	-0.9082+0.1432i	-2.1515-1.1727i	0.2755-1.3027i	2.8193+0.6075i	-0.1081+0.0232i	-0.1807+0.3682i	0.1402+0.2569i	-0.0666+0.2445i
40.0	-0.8730+0.1264i	-2.1363-1.1116i	0.2846-1.3015i	2.7289+0.5476i	-0.1146+0.0291i	-0.1872+0.3992i	0.1578+0.2457i	-0.0596+0.2342i
40.1	-0.8763+0.1266i	-2.1494-0.9926i	0.3263-1.3229i	2.7669+0.3760i	-0.1022+0.0314i	-0.0907+0.3385i	0.1752+0.2327i	-0.0533+0.2372i
40.2	-0.9102+0.0788i	-2.1816-0.9446i	0.1433-1.3716i	2.8317+0.3186i	-0.1079+0.0305i	-0.0817+0.3821i	0.1832+0.2397i	-0.0440+0.2492i
40.3	-0.9089+0.0468i	-2.1739-0.9013i	0.0756-1.3881i	2.7994+0.2509i	-0.1141+0.0397i	-0.1080+0.4123i	0.2118+0.2177i	-0.0280+0.2346i
40.4	-0.8986+0.0192i	-2.1692-0.8526i	0.0574-1.3517i	2.8149+0.2495i	-0.1023+0.0471i	-0.0304+0.3861i	0.2213+0.1873i	-0.0222+0.2236i
40.5	-0.9742-0.0417i	-2.1804-0.8203i	-0.0314-1.3336i	2.8437+0.1800i	-0.0999+0.0575i	0.0148+0.3800i	0.2112+0.1538i	-0.0198+0.2014i
40.6	-1.0519-0.0386i	-2.1720-0.7841i	-0.0971-1.3686i	2.8771+0.0951i	-0.1003+0.0664i	0.0547+0.3804i	0.2213+0.1420i	-0.0061+0.1951i
40.7	-1.0902-0.0256i	-2.1478-0.7359i	-0.0741-1.3438i	2.8168+0.1057i	-0.0871+0.0768i	0.0684+0.3479i	0.2214+0.1098i	-0.0058+0.1890i
40.8	-1.1445-0.0184i	-2.1878-0.6700i	-0.2000-1.2773i	2.9174-0.0051i	-0.0860+0.0792i	0.1086+0.3260i	0.2115+0.1011i	0.0048+0.1803i
40.9	-1.1789+0.0729i	-2.1968-0.6027i	-0.2313-1.2806i	2.9126-0.1154i	-0.0848+0.0708i	0.0597+0.3150i	0.2138+0.0939i	0.0011+0.1871i
41.0	-1.1987+0.1442i	-2.2057-0.5517i	-0.2956-1.1743i	2.9505-0.1759i	-0.0857+0.0752i	0.0884+0.3158i	0.2152+0.0877i	0.0071+0.1796i
41.1	-1.1898+0.1391i	-2.1761-0.5126i	-0.3130-1.0497i	2.8978-0.2614i	-0.0754+0.0866i	0.1246+0.3201i	0.2029+0.0859i	0.0213+0.1838i
41.2	-1.1352+0.1896i	-2.1637-0.4537i	-0.3240-1.0853i	2.9207-0.4438i	-0.0714+0.0672i	0.1596+0.3354i	0.1953+0.0817i	0.0381+0.1816i
41.3	-1.1285+0.1378i	-2.1588-0.4147i	-0.4130-1.0138i	2.8658-0.5213i	-0.0813+0.0655i	0.2139+0.2780i	0.2043+0.0684i	0.0416+0.1573i
41.4	-1.2823+0.1186i	-2.1522-0.3917i	-0.3256-0.9249i	2.8333-0.4978i	-0.0863+0.0721i	0.1754+0.2307i	0.1873+0.0561i	0.0242+0.1334i
41.5	-1.2631+0.1791i	-2.1099-0.3372i	-0.3268-0.7663i	2.7408-0.6146i	-0.0944+0.0771i	0.1477+0.2062i	0.2044+0.0479i	0.0346+0.1227i
41.6	-1.2204+0.1878i	-2.0876-0.2973i	-0.3983-0.6242i	2.6494-0.7759i	-0.0909+0.0831i	0.1927+0.2409i	0.2115+0.0495i	0.0493+0.1133i
41.7	-1.1737+0.2733i	-2.1076-0.2710i	-0.4898-0.5407i	2.7239-0.7937i	-0.0775+0.0953i	0.1810+0.2334i	0.1875+0.0649i	0.0519+0.1263i
41.8	-1.1522+0.2780i	-2.1081-0.2653i	-0.5040-0.4880i	2.7314-0.8769i	-0.0777+0.0910i	0.1717+0.2429i	0.1833+0.0566i	0.0374+0.1282i
41.9	-1.1720+0.2431i	-2.0480-0.2611i	-0.2089-0.4648i	2.4655-0.8161i	-0.0867+0.1021i	0.1731+0.2107i	0.1990+0.0230i	0.0299+0.1237i
42.0	-1.1386+0.2581i	-2.0401-0.2265i	-0.2249-0.5611i	2.4538-0.8944i	-0.0686+0.1124i	0.2008+0.2346i	0.1979+0.0173i	0.0323+0.1035i
42.1	-1.1663+0.2613i	-2.0660-0.1689i	-0.2172-0.4166i	2.5588-1.0869i	-0.0467+0.0930i	0.2266+0.2150i	0.1697+0.0466i	0.0363+0.0935i
42.2	-1.1796+0.4068i	-2.0953-0.1511i	-0.3065-0.6253i	2.6200-1.0945i	-0.0450+0.0899i	0.2741+0.2103i	0.1533+0.0535i	0.0375+0.1133i
42.3	-1.0688+0.3976i	-2.0628-0.1435i	-0.3457-0.5316i	2.5226-1.0607i	-0.0619+0.0765i	0.2345+0.2022i	0.1929+0.0478i	0.0422+0.1106i
42.4	-1.0463+0.4142i	-2.0474-0.1091i	-0.3363-0.5700i	2.5694-1.1706i	-0.0650+0.0603i	0.2479+0.1961i	0.1997+0.0633i	0.0295+0.1166i
42.5	-0.9798+0.4711i	-2.0073-0.0914i	-0.2760-0.5910i	2.3040-1.3283i	-0.0879+0.0656i	0.3156+0.1834i	0.2687+0.0506i	0.0730+0.1077i
42.6	-0.8782+0.4192i	-2.0004-0.0635i	-0.4107-0.3784i	2.2553-1.4217i	-0.0967+0.0504i	0.3090+0.1520i	0.2815+0.0351i	0.0793+0.0973i
42.7	-0.7751+0.2992i	-1.9828-0.0421i	-0.5055-0.0521i	2.1412-1.5491i	-0.1200+0.0587i	0.3212+0.1408i	0.2956-0.0210i	0.1040+0.0734i
42.8	-0.8257+0.2204i	-1.9811-0.0352i	-0.2451+0.0804i	2.0165-1.4614i	-0.1367+0.0753i	0.3488+0.1344i	0.2824-0.0506i	0.0983+0.0478i
42.9	-0.8965+0.2602i	-2.0023+0.0011i	-0.0371-0.1345i	2.0885-1.4976i	-0.1226+0.0859i	0.3234+0.1457i	0.2281-0.0390i	0.0806+0.0542i
43.0	-0.8673+0.2879i	-1.9562+0.0077i	-0.0136-0.1617i	1.9354-1.6525i	-0.1327+0.0911i	0.3178+0.1331i	0.2602-0.0717i	0.0895+0.0553i
43.1	-0.7820+0.2870i	-1.9410-0.0147i	-0.0211-0.1258i	1.7130-1.6652i	-0.1478+0.1211i	0.3827+0.0879i	0.2735-0.1214i	0.0940+0.0023i
43.2	-0.6582+0.2084i	-1.9425+0.0104i	-0.1323-0.0539i	1.4942-1.7226i	-0.1639+0.1353i	0.3853+0.0524i	0.2889-0.1524i	0.0929-0.0185i
43.3	-0.7064+0.0174i	-1.9304-0.0074i	0.0277+0.0137i	1.3308-1.5399i	-0.1556+0.1675i	0.4212-0.0214i	0.2442-0.2224i	0.0957-0.0363i
43.4	-0.8882-0.0071i	-1.9742-0.0536i	0.2429-0.0769i	1.4154-1.1013i	-0.1241+0.2197i	0.3389-0.0468i	0.1456-0.2576i	0.0792-0.0613i

43.5	-0.9529-0.0096i	-2.0331-0.0030i	0.2936-0.0038i	1.6230-1.1086i	-0.1022+0.2119i	0.3394-0.0072i	0.1090-0.2110i	0.0676-0.0566i
43.6	-1.0000+0.1068i	-2.0510+0.0257i	0.3321-0.1579i	1.7387-1.2590i	-0.0982+0.2178i	0.3443-0.0304i	0.0934-0.1375i	0.0697-0.0507i
43.7	-0.8646+0.2012i	-2.0595+0.0466i	0.1218-0.3084i	1.7693-1.4112i	-0.0769+0.2193i	0.3399-0.0430i	0.0888-0.1311i	0.0579-0.0655i
43.8	-0.7640+0.0524i	-2.0626+0.0833i	-0.0034-0.0392i	1.7194-1.5835i	-0.0717+0.2018i	0.3043-0.0907i	0.0723-0.0792i	0.0394-0.0684i
43.9	-0.8344-0.0766i	-2.0755+0.0754i	0.1873+0.1155i	1.6203-1.5914i	-0.0678+0.2113i	0.3081-0.0983i	0.0915-0.0719i	0.0289-0.0807i
44.0	-0.9241-0.0803i	-2.0959+0.0844i	0.2619+0.0465i	1.6011-1.5424i	-0.0220+0.1903i	0.3312-0.1200i	0.1022-0.0612i	0.0046-0.0874i
44.1	-0.9956-0.1264i	-2.0994+0.1056i	0.3476+0.1056i	1.5567-1.5631i	-0.0342+0.1822i	0.2695-0.1472i	0.0956-0.0343i	-0.0196-0.0878i
44.2	-1.0985-0.0291i	-2.1025+0.1509i	0.5910-0.0285i	1.5573-1.6668i	-0.0444+0.2217i	0.2667-0.1317i	0.1702-0.0249i	-0.0078-0.1080i
44.3	-1.0926+0.1079i	-2.0701+0.1796i	0.7063-0.3011i	1.2339-1.8489i	-0.0161+0.2328i	0.2935-0.1274i	0.2212-0.1314i	-0.0178-0.1337i
44.4	-0.9137+0.1939i	-2.0690+0.1625i	0.3241-0.4844i	0.9538-1.7949i	-0.0031+0.2543i	0.3008-0.1926i	0.1983-0.1631i	-0.0472-0.1309i
44.5	-0.8331+0.0884i	-2.0972+0.1809i	0.2283-0.2466i	0.8693-1.8021i	-0.0045+0.2369i	0.2269-0.1949i	0.1758-0.1390i	-0.0652-0.1171i
44.6	-0.8543+0.0380i	-2.0892+0.2119i	0.2949-0.0936i	0.6925-1.8500i	0.0260+0.2266i	0.2697-0.2083i	0.1775-0.1635i	-0.0863-0.1128i
44.7	-0.8115-0.0029i	-2.1469+0.2353i	0.4085+0.0338i	0.6613-1.8192i	0.0293+0.1706i	0.2049-0.1871i	0.1438-0.1459i	-0.0953-0.1068i
44.8	-0.7657-0.0890i	-2.1802+0.2255i	0.4356+0.0902i	0.6054-1.7956i	0.0241+0.1494i	0.1532-0.1809i	0.1591-0.1377i	-0.1134-0.0974i
44.9	-0.9656-0.2096i	-2.2567+0.2331i	0.8788+0.0488i	0.6247-1.4289i	0.0109+0.1499i	0.0837-0.1640i	0.1460-0.0876i	-0.1522-0.0578i
45.0	-1.0405-0.1310i	-2.2986+0.3254i	1.0181-0.1448i	0.7514-1.6022i	-0.0126+0.1383i	0.0987-0.1335i	0.1840-0.0917i	-0.1445-0.0587i
45.1	-1.0192-0.0229i	-2.2520+0.3783i	0.9720-0.5169i	0.3022-1.5717i	-0.0188+0.1724i	0.1676-0.0463i	0.2148-0.1677i	-0.1424-0.0930i
45.2	-0.9540-0.0235i	-2.2422+0.3532i	0.7822-0.6737i	0.3479-1.0692i	-0.0181+0.2024i	0.1327-0.0702i	0.1864-0.1338i	-0.1446-0.0856i
45.3	-0.8976-0.0371i	-2.2561+0.4143i	0.6125-0.6458i	0.3840-1.1861i	-0.0440+0.1444i	0.1118-0.2314i	0.1830-0.1640i	-0.1328-0.0567i
45.4	-0.7652-0.0688i	-2.2635+0.3724i	0.4323-0.4441i	0.2996-1.1677i	-0.0322+0.1163i	0.0938-0.1773i	0.2176-0.2382i	-0.1299-0.0506i
45.5	-0.8018-0.2958i	-2.2929+0.3789i	0.7133-0.3614i	0.1746-0.9584i	-0.0803+0.1569i	0.1100-0.1806i	0.1889-0.2667i	-0.1415-0.0626i
45.6	-0.9243-0.3166i	-2.2998+0.4078i	0.8158-0.4077i	0.2624-0.8797i	-0.0951+0.1672i	0.1116-0.2187i	0.2110-0.2814i	-0.1521-0.0520i
45.7	-0.8837-0.3190i	-2.3008+0.4553i	0.8342-0.3210i	0.1183-1.0256i	-0.1419+0.1858i	0.1035-0.2579i	0.2038-0.3235i	-0.1302-0.0671i
45.8	-0.9815-0.4092i	-2.3352+0.4686i	1.0251-0.5453i	-0.0547-0.8701i	-0.1059+0.2017i	0.0695-0.2926i	0.1302-0.4580i	-0.1447-0.0707i
45.9	-1.0586-0.3846i	-2.3541+0.4899i	0.9876-0.9611i	-0.0970-0.6174i	-0.0979+0.2612i	0.0437-0.2849i	0.0558-0.4270i	-0.1528-0.0750i
46.0	-1.0333-0.3663i	-2.3728+0.5305i	0.7268-0.9294i	-0.0380-0.5182i	-0.0875+0.2673i	0.0026-0.2397i	-0.0239-0.4371i	-0.1636-0.0637i
46.1	-1.0973-0.3939i	-2.4534+0.5507i	0.5456-0.9612i	0.0122-0.4394i	-0.0310+0.2722i	-0.0892-0.2837i	-0.0663-0.4717i	-0.1983-0.0548i
46.2	-1.0642-0.3972i	-2.5426+0.5848i	0.2867-0.8169i	0.3041-0.3013i	0.0244+0.2283i	-0.0838-0.2889i	-0.0789-0.4997i	-0.2029-0.0424i
46.3	-1.1062-0.5639i	-2.5228+0.6200i	0.5291-0.6488i	0.2633-0.2942i	0.0035+0.2234i	-0.0955-0.2632i	-0.1886-0.5276i	-0.2127-0.0315i
46.4	-1.3060-0.6043i	-2.5148+0.6199i	0.6927-1.0058i	0.0777+0.0204i	0.0290+0.2778i	-0.2393-0.2107i	-0.3355-0.4541i	-0.2475-0.0290i
46.5	-1.3064-0.5126i	-2.5822+0.6755i	0.3856-1.0667i	0.2723+0.3148i	0.0342+0.2794i	-0.2470-0.0438i	-0.3519-0.2993i	-0.2417-0.0215i
46.6	-1.2672-0.4796i	-2.6258+0.7877i	0.1595-0.9008i	0.4603+0.2041i	0.0147+0.2307i	-0.1994+0.0619i	-0.3491-0.2432i	-0.2484+0.0087i
46.7	-1.3079-0.4766i	-2.6412+0.8786i	-0.0021-0.6622i	0.5538+0.1049i	0.0200+0.2203i	-0.1687+0.1308i	-0.3392-0.2211i	-0.2621+0.0337i
46.8	-1.3278-0.5268i	-2.6696+0.9238i	0.0280-0.5265i	0.7400-0.0134i	0.0093+0.2112i	-0.1562+0.1396i	-0.3514-0.2042i	-0.2716+0.0585i
46.9	-1.4020-0.5785i	-2.6841+0.9783i	0.2661-0.5189i	0.7519+0.0007i	-0.0169+0.2305i	-0.1538+0.1078i	-0.3948-0.1333i	-0.2668+0.0561i
47.0	-1.5197-0.4153i	-2.7240+1.0039i	0.2078-0.8270i	0.8017+0.0949i	0.0185+0.2387i	-0.1743+0.1145i	-0.3913-0.0535i	-0.2847+0.0569i
47.1	-1.3988-0.3947i	-2.7987+1.0532i	-0.1316-0.5771i	1.0865+0.3216i	0.0491+0.2474i	-0.1360+0.2503i	-0.3572+0.0558i	-0.2915+0.0911i
47.2	-1.4497-0.5601i	-2.8004+1.1706i	0.0964-0.2110i	1.2418+0.2659i	0.0286+0.2669i	-0.0669+0.2742i	-0.3072+0.1202i	-0.2721+0.1108i
47.3	-1.5419-0.5670i	-2.7375+1.2823i	0.2450-0.1786i	1.2451+0.0441i	0.0462+0.2634i	0.0131+0.2558i	-0.2216+0.1321i	-0.2502+0.1163i
47.4	-1.5474-0.5362i	-2.7073+1.3757i	0.3191-0.0929i	1.1253-0.2183i	0.0750+0.2574i	0.0354+0.3092i	-0.1538+0.1446i	-0.2182+0.1379i
47.5	-1.4879-0.5823i	-2.6992+1.3964i	0.4048-0.0228i	1.0918-0.2097i	0.0977+0.2439i	0.0122+0.2596i	-0.1111+0.1302i	-0.2362+0.1271i
47.6	-1.7969-0.8415i	-2.6773+1.3531i	0.9397-0.2926i	1.0570+0.0928i	0.0883+0.2560i	0.0215+0.2722i	-0.0714+0.1617i	-0.2425+0.1330i
47.7	-2.1135-0.6012i	-2.6847+1.3895i	1.0477-0.6794i	1.1679+0.3484i	0.1114+0.2822i	0.0626+0.3062i	0.0062+0.1604i	-0.2374+0.1333i
47.8	-1.9735-0.2001i	-2.6952+1.4707i	0.4514-0.7411i	1.4384+0.1645i	0.1329+0.2320i	0.0790+0.2623i	0.0837+0.0476i	-0.2404+0.1286i
47.9	-1.7738-0.2802i	-2.7186+1.5154i	0.3252-0.4498i	1.4614-0.0359i	0.1414+0.1896i	0.1445+0.2580i	0.1054-0.0326i	-0.2470+0.1459i
48.0	-1.9274-0.2986i	-2.7384+1.5354i	0.5717-0.5723i	1.2933+0.1295i	0.1422+0.1874i	0.1699+0.2685i	0.0978-0.0830i	-0.2719+0.1523i
48.1	-1.8273-0.0948i	-2.7599+1.5234i	0.3228-0.5823i	1.6018+0.2555i	0.1505+0.1643i	0.1984+0.3115i	0.1094-0.1654i	-0.2901+0.1835i
48.2	-1.6983-0.1826i	-2.7727+1.5951i	0.5023-0.3535i	1.5222+0.1971i	0.0943+0.1468i	0.2009+0.2988i	0.0606-0.2163i	-0.2586+0.2137i
48.3	-1.6527-0.2448i	-2.8432+1.6930i	0.5082-0.2374i	1.5741+0.0828i	0.0634+0.1140i	0.2799+0.3420i	0.0193-0.2565i	-0.2480+0.2233i
48.4	-1.6560-0.4295i	-2.8569+1.7690i	0.6818-0.0536i	1.5512+0.0055i	0.0397+0.1469i	0.2850+0.4302i	-0.0275-0.3024i	-0.2483+0.2141i
48.5	-1.8483-0.5216i	-2.9300+1.8019i	0.8629-0.1488i	1.6854-0.1992i	0.0396+0.1613i	0.2629+0.4098i	-0.0964-0.2846i	-0.2667+0.2188i
48.6	-2.0399-0.3994i	-2.9294+1.9172i	1.1377-0.2396i	1.5951-0.1871i	0.0084+0.1665i	0.2878+0.3939i	-0.1546-0.2445i	-0.2602+0.2179i
48.7	-2.0260-0.2863i	-2.9282+1.8869i	1.0879-0.6072i	1.6784+0.2359i	0.0370+0.1909i	0.3486+0.3848i	-0.1807-0.2273i	-0.2543+0.2268i
48.8	-1.8943-0.1497i	-2.9705+1.9223i	0.7388-0.7967i	1.8335+0.3529i	0.0191+0.1961i	0.4711+0.3985i	-0.2321-0.2424i	-0.2427+0.2454i
48.9	-1.7938-0.2312i	-3.0274+1.9746i	0.5741-0.5332i	1.9753+0.3703i	0.0257+0.2241i	0.5502+0.3474i	-0.2468-0.2347i	-0.2607+0.2342i
49.0	-1.6507-0.4151i	-3.1444+2.0965i	0.6080-0.2126i	2.0010+0.0232i	0.0010+0.2607i	0.6878+0.3130i	-0.2415-0.1981i	-0.2369+0.2381i
49.1	-1.6580-0.5710i	-3.2678+2.2269i	0.8045-0.0922i	2.0741-0.2263i	-0.0165+0.2593i	0.7530+0.2915i	-0.2296-0.1544i	-0.2174+0.2426i
49.2	-1.8601-0.8693i	-3.2832+2.3570i	1.1992-0.0721i	2.1030-0.1201i	-0.0021+0.3054i	0.7743+0.2762i	-0.2828-0.1096i	-0.2079+0.2355i
49.3	-2.3034-1.0058i	-3.2542+2.4735i	1.5666-0.3259i	2.0462+0.1135i	0.0444+0.3381i	0.7160+0.1375i	-0.2743-0.0209i	-0.2569+0.2528i
49.4	-2.4950-0.6981i	-3.2942+2.6042i	1.5460-0.7007i	2.0210+0.2756i	0.0810+0.3363i	0.7186+0.1330i	-0.2326-0.0451i	-0.2500+0.3128i
49.5	-2.3075-0.4416i	-3.3707+2.7944i	1.2845-0.7374i	2.2644+0.2680i	0.0996+0.3328i	0.8080+0.0883i	-0.1782-0.1039i	-0.2389+0.3204i
49.6	-2.3615-0.5830i	-3.5238+2.9294i	1.2142-0.3792i	2.4162-0.0139i	0.0901+0.3004i	0.8232+0.0380i	-0.2072-0.1005i	-0.2424+0.3366i
49.7	-2.5998-0.7147i	-3.6481+3.2089i	1.5165-0.4847i	2.6326-0.1790i	0.0931+0.3160i	0.8230-0.0003i	-0.2441-0.0537i	-0.2227+0.3623i

49.8	-2.7462-0.4215i	-3.5991+3.4013i	1.6343-0.9264i	2.5276-0.1059i	0.1192+0.3440i	0.8570-0.0239i	-0.2298-0.0386i	-0.2006+0.3840i
49.9	-2.5426-0.0759i	-3.6823+3.6729i	1.2816-1.0918i	2.8767-0.2235i	0.1344+0.3569i	0.9246+0.0352i	-0.2348-0.0700i	-0.1689+0.3933i
50.0	-2.4740-0.2481i	-3.6388+3.8439i	1.4204-0.8297i	2.9226-0.1147i	0.1407+0.3747i	0.9305-0.0449i	-0.2517-0.0478i	-0.1745+0.4114i
50.1	-2.7793-0.2740i	-3.5386+4.0882i	1.7033-0.9637i	2.8401-0.2684i	0.1781+0.3609i	0.9324-0.1583i	-0.2428-0.0204i	-0.1734+0.4344i
50.2	-2.8306-0.0282i	-3.4620+4.3097i	1.4957-1.5507i	3.4071-0.1650i	0.2196+0.3478i	0.8589-0.2193i	-0.2131-0.0319i	-0.1191+0.4753i
50.3	-2.6679-0.0111i	-3.4439+4.4895i	0.9571-1.5025i	3.8626-0.3195i	0.2539+0.3426i	0.9250-0.1321i	-0.2193-0.0408i	-0.0766+0.4592i
50.4	-2.5708-0.1149i	-3.3306+4.7661i	1.0149-0.9358i	3.7590-0.6821i	0.2570+0.3509i	1.0342-0.2903i	-0.2307-0.0313i	-0.0810+0.4477i
50.5	-2.6513-0.2014i	-3.2880+5.0596i	1.3956-0.8794i	3.8879-0.6665i	0.3075+0.3250i	1.0409-0.4280i	-0.1752+0.0133i	-0.0763+0.4691i
50.6	-2.7433-0.2115i	-3.1469+5.3851i	1.5891-0.9249i	4.0817-0.8934i	0.3371+0.3051i	1.0674-0.5003i	-0.1694-0.0176i	-0.0217+0.4868i
50.7	-2.7138-0.3592i	-3.0208+5.7778i	1.5999-0.8755i	3.9462-1.3337i	0.3390+0.2672i	1.0541-0.5535i	-0.1999-0.0672i	-0.0217+0.4819i
50.8	-3.0899-0.4644i	-2.7595+5.9666i	1.9891-0.9691i	3.9756-1.4084i	0.3448+0.2514i	0.9823-0.5978i	-0.2113-0.0541i	-0.0118+0.5118i
50.9	-3.3269-0.1193i	-2.4989+6.1894i	2.1604-1.3554i	3.7957-1.6603i	0.3367+0.2171i	0.9920-0.6278i	-0.2094-0.0954i	0.0131+0.5305i
51.0	-3.0471+0.0755i	-2.0954+6.5005i	1.8339-1.5950i	3.8770-1.6301i	0.3225+0.1994i	0.8830-0.7457i	-0.2682-0.0952i	0.0546+0.5295i
51.1	-3.0813-0.0661i	-1.9158+6.7148i	2.1166-1.4746i	3.9117-1.8668i	0.3053+0.1694i	0.8841-0.7957i	-0.2969-0.0679i	0.0828+0.5256i
51.2	-3.3872+0.0295i	-1.4965+6.7491i	2.3040-1.7650i	4.0109-2.3229i	0.2881+0.1678i	0.9118-0.8448i	-0.3233-0.0234i	0.1412+0.5135i
51.3	-3.5946+0.2416i	-1.1575+6.8825i	2.3214-2.2496i	4.1355-2.3311i	0.3146+0.2318i	0.8714-0.9539i	-0.3083+0.0251i	0.2097+0.4953i
51.4	-3.4961+0.5285i	-0.8467+6.9654i	2.1116-2.6094i	4.0719-2.3508i	0.3420+0.2717i	0.8338-1.0559i	-0.2862+0.0697i	0.2499+0.4603i
51.5	-3.2650+0.4450i	-0.4464+7.0118i	1.9308-2.5751i	4.1627-2.7758i	0.4615+0.1753i	0.7073-1.1824i	-0.1714+0.0059i	0.2386+0.4699i
51.6	-3.3669+0.4918i	-0.1932+6.9888i	1.9488-2.7605i	4.2726-3.0703i	0.5076+0.0734i	0.6280-1.1877i	-0.1243-0.0830i	0.2724+0.4734i
51.7	-3.1391+0.7115i	0.1977+7.1468i	1.5670-2.8773i	4.3425-3.2742i	0.4437-0.0207i	0.5485-1.2508i	-0.1785-0.2237i	0.3253+0.4269i
51.8	-3.0499+0.6254i	0.4805+7.1379i	1.3983-2.7297i	4.3401-3.6920i	0.4063-0.0763i	0.5730-1.2362i	-0.2477-0.2899i	0.3310+0.3929i
51.9	-3.0701+0.3087i	0.8474+7.0983i	1.4952-2.6301i	3.9414-4.0958i	0.3254-0.1233i	0.4783-1.3081i	-0.3223-0.3175i	0.3176+0.3748i
52.0	-3.6930+0.0421i	1.2195+6.9994i	2.0543-3.0581i	3.7759-4.0558i	0.2742-0.0755i	0.3904-1.4380i	-0.3551-0.3241i	0.3346+0.4057i
52.1	-3.9314+0.5695i	1.5154+6.8985i	1.6092-3.7240i	3.8530-4.4738i	0.2541-0.1278i	0.1664-1.4889i	-0.4559-0.3748i	0.4124+0.3582i
52.2	-3.7861+0.8898i	1.8203+6.8251i	0.9004-3.9765i	3.7103-4.8868i	0.1830-0.1675i	-0.0096-1.4384i	-0.6279-0.4424i	0.4736+0.2578i
52.3	-3.5132+0.8513i	2.0667+6.6800i	0.1212-3.5233i	3.5520-5.3725i	0.0990-0.1557i	-0.1485-1.2906i	-0.8966-0.4169i	0.4728+0.1487i
52.4	-3.7661+0.5402i	2.2066+6.5514i	0.3132-2.9499i	3.0832-5.3776i	0.0294-0.1389i	-0.2274-1.2142i	-1.0455-0.2961i	0.4092+0.1494i
52.5	-4.3574+1.0867i	2.5611+6.5244i	0.9076-3.2483i	2.7325-5.3167i	-0.0610-0.0278i	-0.1571-1.1869i	-1.1884-0.0510i	0.3805+0.1462i
52.6	-3.9537+1.6761i	2.8864+6.4681i	0.5026-3.7628i	2.4906-5.6583i	-0.1055+0.0806i	-0.1840-1.2274i	-1.2601+0.1300i	0.3767+0.1453i
52.7	-3.5714+1.1943i	3.1370+6.2403i	0.2853-3.1650i	2.0786-5.8399i	-0.0597+0.1591i	-0.2394-1.2748i	-1.2425+0.3493i	0.3318+0.1703i
52.8	-3.9882+1.1110i	3.3338+6.1172i	0.6574-3.0791i	1.9188-5.9178i	-0.0327+0.2016i	-0.3650-1.2737i	-1.1800+0.5052i	0.4027+0.1987i
52.9	-4.2251+1.2133i	3.5651+5.9913i	0.7380-3.2694i	1.6572-5.8668i	0.0206+0.3084i	-0.4953-1.2368i	-1.0533+0.6687i	0.4172+0.1127i
53.0	-4.6482+1.6388i	3.8840+5.7385i	0.6604-3.8778i	1.2146-6.0132i	0.1447+0.3196i	-0.6981-1.1150i	-0.9282+0.7556i	0.4660+0.0924i
53.1	-4.3238+2.4104i	4.1123+5.4777i	-0.2036-4.1174i	0.6452-6.2929i	0.1414+0.2920i	-0.7964-0.8960i	-0.8611+0.8785i	0.5117-0.0114i
53.2	-3.7322+2.8411i	4.1756+5.2004i	-0.8475-3.8847i	0.3444-6.3002i	0.1700+0.2520i	-0.7365-0.6656i	-0.7806+0.9119i	0.4708-0.1062i
53.3	-3.2106+2.5367i	4.2979+4.9630i	-0.8079-3.0550i	-0.0736-6.3612i	0.1677+0.2524i	-0.6377-0.6521i	-0.7156+0.9952i	0.3621-0.1976i
53.4	-3.7169+1.7063i	4.5718+4.7145i	0.8353-2.5704i	-0.9020-6.3613i	0.2204+0.3600i	-0.6040-0.7846i	-0.5312+1.1653i	0.2380-0.0988i
53.5	-4.0540+2.2216i	4.6610+4.4500i	0.8435-3.5998i	-1.0932-6.0022i	0.3119+0.3064i	-0.7460-0.7094i	-0.4047+1.1119i	0.2425-0.0536i
53.6	-3.6071+2.5664i	4.6494+4.1493i	-0.1685-3.5692i	-1.2645-5.3594i	0.3466+0.1858i	-0.6280-0.4322i	-0.3788+1.1482i	0.2610-0.1411i
53.7	-3.5617+2.4772i	4.6905+4.1351i	-0.2958-3.3436i	-1.3800-5.1490i	0.3008+0.1425i	-0.4609-0.3471i	-0.3728+1.2179i	0.2905-0.1796i
53.8	-3.9123+2.5817i	4.7488+3.8926i	0.1704-3.5283i	-1.5584-4.9915i	0.2130+0.1914i	-0.3906-0.4758i	-0.1924+1.2564i	0.2483-0.1843i
53.9	-4.1588+3.1447i	4.7495+3.6038i	0.1521-4.2385i	-1.7178-4.8587i	0.1928+0.2667i	-0.5775-0.5602i	-0.0291+1.2331i	0.3025-0.2043i
54.0	-3.8891+3.5777i	4.7621+3.4115i	-0.1368-4.5274i	-1.6168-4.5217i	0.2648+0.2569i	-0.6729-0.4948i	0.0789+1.2012i	0.2786-0.2658i
54.1	-3.1458+3.8052i	4.7910+3.1681i	-0.9154-4.4609i	-1.5631-4.0837i	0.2902+0.1930i	-0.5896-0.4637i	0.1291+1.0971i	0.2313-0.3034i
54.2	-3.1342+3.6617i	4.7984+3.1104i	-0.9122-4.1446i	-1.4918-4.0766i	0.2501+0.1970i	-0.6047-0.4160i	0.1531+1.1204i	0.1901-0.3703i
54.3	-2.9447+4.0484i	4.8318+3.0104i	-1.1005-4.4594i	-1.8375-4.1149i	0.2704+0.2635i	-0.6188-0.2810i	0.3040+1.0728i	0.1884-0.4259i
54.4	-2.3021+4.1927i	4.9242+2.8139i	-1.6362-4.3742i	-2.0759-3.9977i	0.2777+0.2694i	-0.5654-0.2478i	0.3764+0.9795i	0.0926-0.4711i
54.5	-1.8470+4.0716i	4.8730+2.7004i	-2.0483-4.0583i	-1.8012-3.9698i	0.2707+0.3072i	-0.4231-0.1895i	0.3390+0.9589i	0.0242-0.5151i
54.6	-1.5203+3.8004i	4.8290+2.4938i	-2.3865-3.4858i	-1.7022-3.7651i	0.3161+0.3177i	-0.2566-0.0565i	0.3454+0.9655i	-0.1008-0.6009i
54.7	-1.5856+3.3554i	4.8499+2.3105i	-1.9627-2.9805i	-1.8046-3.5064i	0.3316+0.2966i	-0.1878-0.1309i	0.4058+0.9766i	-0.2504-0.5530i
54.8	-1.7075+3.3553i	4.8619+2.1751i	-1.5411-3.3389i	-1.7846-3.3309i	0.3545+0.3256i	-0.2178-0.1998i	0.4994+0.8845i	-0.2897-0.4700i
54.9	-1.4610+3.4081i	4.8360+1.9985i	-1.7970-3.6692i	-1.5025-3.1330i	0.4322+0.3169i	-0.2377-0.1105i	0.5220+0.7522i	-0.3397-0.4269i
55.0	-1.1836+3.3061i	4.8104+1.8990i	-2.0233-3.5931i	-1.6057-3.1885i	0.4393+0.3151i	-0.1492-0.1137i	0.5470+0.7121i	-0.4501-0.3929i
55.1	-1.0314+3.0678i	4.7826+1.8775i	-2.1037-3.4529i	-1.7687-3.1873i	0.4539+0.3013i	-0.0872-0.1801i	0.5232+0.6723i	-0.5048-0.3285i
55.2	-1.0179+2.8919i	4.8743+1.7695i	-2.2046-3.5030i	-1.7663-2.9464i	0.5347+0.3020i	-0.1064-0.1089i	0.4925+0.7082i	-0.4662-0.3344i
55.3	-0.9643+2.6336i	4.8504+1.6338i	-2.4810-3.3041i	-1.5211-2.8264i	0.5983+0.3335i	-0.0445-0.1497i	0.5425+0.7174i	-0.5322-0.3331i
55.4	-0.9849+2.4572i	4.7277+1.5110i	-2.6493-3.0018i	-1.2974-2.8829i	0.6133+0.3079i	0.0761-0.1474i	0.5628+0.7085i	-0.5796-0.2564i
55.5	-1.2112+2.2298i	4.7541+1.4738i	-2.3275-2.6171i	-1.4481-2.8821i	0.6631+0.2986i	0.0869-0.1999i	0.5783+0.6935i	-0.6016-0.1777i
55.6	-1.2182+2.1850i	4.7797+1.2969i	-2.3399-2.6676i	-1.4953-2.6143i	0.7999+0.2597i	0.1372-0.2503i	0.6648+0.5921i	-0.6753-0.0342i
55.7	-1.1986+2.0831i	4.8065+1.1705i	-2.3982-2.5807i	-1.5438-2.5157i	0.8769+0.2176i	0.1984-0.2896i	0.7454+0.5635i	-0.7530+0.0041i
55.8	-1.1906+2.0650i	4.7875+1.1124i	-2.4239-2.5090i	-1.5611-2.8917i	0.8714+0.1517i	0.3247-0.4124i	0.8209+0.5419i	-0.8187+0.0769i
55.9	-1.2785+2.0707i	4.7748+0.9593i	-2.3807-2.4554i	-1.4443-3.1177i	0.8726+0.0650i	0.3708-0.5467i	0.8713+0.5142i	-0.8858+0.1738i
56.0	-1.5163+1.7204i	4.7695+0.8957i	-1.9080-2.2139i	-1.6268-2.8996i	0.9771+0.0125i	0.3624-0.7675i	0.9011+0.3738i	-0.8863+0.4203i

56.1	−1.6722+1.8120i	4.7626+0.8163i	−1.9145−2.5873i	−1.7589−2.7135i	0.9429−0.1160i	0.1187−0.7931i	0.8675+0.2628i	−0.7454+0.4938i
56.2	−1.7740+1.9356i	4.7178+0.5917i	−2.1071−2.7793i	−1.3738−2.5853i	0.9374−0.2440i	0.0755−0.7676i	0.8183+0.2560i	−0.6840+0.4566i
56.3	−1.8587+1.9224i	4.7238+0.4573i	−2.0830−2.8151i	−1.2708−2.7484i	0.9109−0.3269i	0.0940−0.8360i	0.8890+0.1771i	−0.7176+0.5619i
56.4	−1.9457+1.9142i	4.7317+0.3630i	−2.0886−2.8463i	−1.1921−2.8596i	0.8396−0.4076i	0.0840−0.9432i	0.8788+0.1404i	−0.7000+0.5764i
56.5	−1.9567+1.9833i	4.7144+0.2403i	−2.2739−2.7981i	−1.4676−2.8963i	0.7901−0.4538i	0.0045−0.9507i	0.8630+0.0645i	−0.6462+0.6635i
56.6	−2.0208+2.0231i	4.6892+0.1056i	−2.3933−2.8575i	−1.6203−2.6238i	0.7662−0.5126i	−0.0739−1.0208i	0.8342−0.0174i	−0.6150+0.7129i
56.7	−2.0959+1.9538i	4.6899+0.0626i	−2.3287−2.7068i	−1.5867−2.1462i	0.7354−0.5791i	−0.1359−1.0921i	0.7907−0.0630i	−0.4970+0.8096i
56.8	−2.1812+2.0888i	4.6014−0.0084i	−2.3173−2.8529i	−1.3565−2.2880i	0.6370−0.6590i	−0.2365−1.1414i	0.8008−0.1331i	−0.4959+0.8806i
56.9	−2.2152+2.3142i	4.5697−0.1876i	−2.4153−3.1029i	−1.4044−2.5781i	0.5853−0.6692i	−0.2973−1.1366i	0.7871−0.1870i	−0.5002+0.9466i
57.0	−2.1954+2.3470i	4.5358−0.2745i	−2.5179−3.0406i	−1.3995−2.3550i	0.5822−0.7056i	−0.2625−1.2006i	0.7298−0.2410i	−0.4246+0.9964i
57.1	−2.1619+2.2811i	4.4972−0.3278i	−2.5916−2.8969i	−1.2988−2.3456i	0.4553−0.6910i	−0.4602−1.3120i	0.6536−0.3181i	−0.3067+1.1410i
57.2	−2.1925+2.3109i	4.4968−0.4068i	−2.5545−3.0262i	−1.5389−2.4521i	0.3124−0.6786i	−0.7823−1.2568i	0.5764−0.4126i	−0.1123+1.1833i
57.3	−2.2222+2.4391i	4.4748−0.5049i	−2.8350−3.2887i	−1.5340−2.3712i	0.3114−0.6782i	−0.8529−1.1791i	0.4948−0.4466i	−0.0313+1.1603i
57.4	−2.2209+2.5633i	4.5013−0.6052i	−3.1332−3.3352i	−1.4351−2.6918i	0.3166−0.6037i	−0.8737−1.0845i	0.5002−0.4301i	−0.0656+1.1764i
57.5	−2.1717+2.6870i	4.3257−0.8343i	−3.4718−3.3736i	−1.2329−2.7230i	0.2717−0.6147i	−0.9246−0.9981i	0.4216−0.4304i	−0.0148+1.1173i
57.6	−2.1072+2.6230i	4.2747−0.8491i	−3.6810−3.0840i	−1.5519−2.7972i	0.2154−0.6103i	−1.0487−0.9328i	0.3225−0.4290i	0.0519+1.2129i
57.7	−2.2014+2.6584i	4.2522−1.0061i	−3.8301−2.9614i	−1.3187−2.7397i	0.2000−0.6659i	−1.0691−0.8048i	0.2398−0.4089i	0.1610+1.2346i
57.8	−2.1416+2.6089i	4.1126−0.9691i	−4.0800−2.7911i	−1.5396−2.5885i	0.2275−0.6099i	−1.0171−0.7303i	0.1436−0.3699i	0.2605+1.2363i
57.9	−2.2065+2.6434i	4.2498−0.9903i	−4.0076−2.4442i	−1.5396−2.5164i	0.1813−0.6244i	−1.0502−0.7305i	0.0892−0.3533i	0.3627+1.2618i
58.0	−2.3328+2.6874i	4.1682−1.3107i	−3.8901−2.4450i	−1.3234−2.7600i	0.1349−0.6930i	−1.1394−0.7267i	0.0759−0.3146i	0.4218+1.3247i
58.1	−2.5010+2.6673i	4.1301−1.3134i	−3.8965−2.3865i	−1.3939−2.6801i	0.1357−0.6302i	−1.1977−0.5490i	0.0739−0.2585i	0.5430+1.3078i
58.2	−2.5261+2.9345i	4.0392−1.3354i	−4.2547−2.4320i	−1.5383−2.5214i	0.2093−0.6405i	−1.0734−0.4198i	0.0701−0.1992i	0.6365+1.2780i
58.3	−2.2525+3.2393i	3.9198−1.3649i	−4.8999−2.1203i	−1.6599−2.6323i	0.1616−0.7318i	−0.9648−0.5309i	0.0693−0.1570i	0.8066+1.3484i
58.4	−2.1299+3.1320i	3.8078−1.4572i	−4.7571−1.6017i	−1.6168−2.9388i	0.0295−0.7301i	−1.0550−0.5918i	0.0573−0.1027i	1.0292+1.3633i
58.5	−2.2225+3.0460i	3.8753−1.4133i	−4.4333−1.6169i	−1.8290−2.8648i	−0.0206−0.6664i	−1.2615−0.4685i	0.0345−0.0841i	1.2089+1.2155i
58.6	−2.3872+3.2323i	3.9703−1.5716i	−4.3182−1.6819i	−1.7072−2.9679i	−0.0429−0.7141i	−1.3233−0.3419i	0.0617−0.0304i	1.2752+1.0608i
58.7	−2.4271+3.4208i	3.9275−1.7013i	−4.3655−1.5584i	−1.6662−3.3229i	−0.0634−0.7795i	−1.3615−0.2851i	0.0940+0.0108i	1.4163+0.9321i
58.8	−2.3871+3.5227i	3.9018−1.7954i	−4.3621−1.4022i	−1.8804−3.2321i	−0.1126−0.7829i	−1.3618−0.2401i	0.1139+0.0202i	1.5269+0.7870i
58.9	−2.2713+3.4603i	3.8287−1.7886i	−4.3273−1.0859i	−1.9150−2.9534i	−0.1697−0.8013i	−1.2982−0.1406i	0.0948+0.0459i	1.5437+0.4981i
59.0	−2.2157+3.5983i	3.7339−1.8570i	−4.3731−1.0142i	−2.1223−3.1419i	−0.2906−0.8731i	−1.2872−0.0401i	0.1317+0.0272i	1.6462+0.3497i
59.1	−2.2819+3.7664i	3.7870−1.9909i	−4.3789−1.1549i	−2.0985−3.1226i	−0.3315−0.7527i	−1.2199+0.0965i	0.1450+0.1205i	1.5502+0.2230i
59.2	−2.1366+3.9031i	3.6847−2.1965i	−4.4348−1.0644i	−2.2219−2.7917i	−0.4153−0.7291i	−1.0578+0.1241i	0.2158+0.0708i	1.4099+0.0486i
59.3	−1.9472+3.9903i	3.5746−2.2317i	−4.4697−0.8051i	−2.5067−2.9336i	−0.5481−0.6762i	−1.0831+0.1985i	0.2272+0.0453i	1.3904−0.0861i
59.4	−1.8526+4.0767i	3.4702−2.4485i	−4.4815−0.8195i	−2.5088−2.8068i	−0.6194−0.6259i	−0.9959+0.2042i	0.2050+0.0439i	1.3363−0.1575i
59.5	−1.9147+4.2235i	3.5001−2.6363i	−4.5230−0.9048i	−2.4671−2.8210i	−0.7187−0.5773i	−1.0254+0.3362i	0.2245+0.0235i	1.2967−0.1542i
59.6	−1.8443+4.2310i	3.4229−2.7235i	−4.4958−0.7862i	−2.4878−2.6935i	−0.7915−0.4664i	−0.9957+0.3375i	0.1997−0.0153i	1.2345−0.2232i
59.7	−1.5420+4.3662i	3.1275−2.7466i	−4.6030−0.4905i	−2.8654−2.7749i	−0.8168−0.3179i	−0.9253+0.2734i	0.2977−0.0479i	1.1288−0.2970i
59.8	−1.5257+4.5363i	3.2129−3.0270i	−4.6628−0.6302i	−3.0823−2.7421i	−0.8372−0.2752i	−0.8495+0.3532i	0.3151−0.0195i	1.1237−0.3590i
59.9	−1.3004+4.4345i	1.4739−4.1102i	−6.0351−1.5400i	−3.5723−3.2024i	−0.7758−0.1226i	−0.7533+0.3581i	0.3285+0.0030i	1.0362−0.4494i
60.0	−1.1572+4.4897i	−1.0334+2.1980i	−8.2760+4.6543i	−4.7592−0.5846i	−0.8139−0.0178i	−0.7644+0.4145i	0.3195−0.0018i	1.0100−0.5285i
60.1	−1.1140+4.6350i	7.4383−3.5702i	−0.1567−0.5117i	−1.7414−2.0634i	−0.8105−0.0016i	−0.6474+0.3609i	0.3835−0.0363i	0.9503−0.6028i
60.2	−0.9806+4.5384i	2.7679−3.6958i	−4.3650−0.5373i	−3.3939−2.1530i	−0.7378+0.1053i	−0.5639+0.4017i	0.4079−0.0682i	0.8629−0.6026i
60.3	−0.7551+4.6628i	2.3524−3.1718i	−4.4830−0.0884i	−3.3105−2.1149i	−0.7464+0.1985i	−0.5278+0.4560i	0.4472−0.1221i	0.7810−0.6240i
60.4	−0.6820+4.6312i	2.2320−3.2798i	−4.6115−0.1578i	−3.1654−2.0328i	−0.6751+0.2610i	−0.4599+0.3464i	0.4452−0.1917i	0.7561−0.5923i
60.5	−0.5924+4.5853i	2.1245−3.2699i	−4.6357−0.0032i	−2.9451−1.8226i	−0.5709+0.3040i	−0.3351+0.2997i	0.4678−0.3083i	0.6670−0.5365i
60.6	−0.4671+4.5424i	1.9636−3.1339i	−4.7316+0.1645i	−2.7725−1.9687i	−0.4954+0.3140i	−0.3104+0.2552i	0.4742−0.4442i	0.5458−0.4900i
60.7	−0.4229+4.4992i	1.8842−3.1226i	−4.7207+0.2395i	−2.6318−1.8911i	−0.4768+0.2408i	−0.3302+0.2214i	0.3064−0.5493i	0.6121−0.4317i
60.8	−0.2599+4.5787i	1.6718−3.1738i	−4.8720+0.3397i	−2.6904−2.1716i	−0.5165+0.2508i	−0.4581+0.1788i	0.2003−0.5501i	0.7136−0.5034i
60.9	−0.0922+4.5007i	1.6350−3.0722i	−4.9060+0.5130i	−3.1041−2.0844i	−0.5120+0.3337i	−0.4851+0.1287i	0.0660−0.4414i	0.6928−0.6965i
61.0	−0.0095+4.4806i	1.5574−3.1251i	−4.8469+0.4970i	−3.2267−2.0242i	−0.4867+0.4055i	−0.4498+0.1356i	0.0184−0.3725i	0.6051−0.7764i
61.1	0.1107+4.5185i	1.5066−3.1630i	−4.9946+0.6293i	−3.4233−1.7769i	−0.4469+0.4781i	−0.3982+0.2016i	0.0651−0.3957i	0.4695−0.7851i
61.2	0.2686+4.5536i	1.3234−3.1949i	−5.1330+0.7532i	−3.3613−1.8713i	−0.4676+0.5568i	−0.3266+0.1076i	0.0867−0.4183i	0.2776−0.7393i
61.3	0.2860+4.4563i	1.1977−3.1834i	−5.1159+0.9840i	−3.0638−1.9172i	−0.4416+0.5536i	−0.3162−0.0078i	0.0183−0.3677i	0.2444−0.7197i
61.4	0.4189+4.3550i	1.1139−3.1277i	−5.1243+1.2228i	−3.0573−1.8393i	−0.3821+0.6208i	−0.2960−0.0176i	−0.0310−0.3645i	0.1692−0.6348i
61.5	0.5900+4.2410i	1.0122−3.0215i	−5.0800+1.3953i	−3.3483−1.6925i	−0.3103+0.6940i	−0.2496−0.0797i	−0.1291−0.4022i	0.1542−0.5193i
61.6	0.7427+4.2356i	0.8554−3.0166i	−5.0493+1.6789i	−3.6357−1.8145i	−0.2528+0.7233i	−0.2691−0.0692i	−0.1890−0.3789i	0.2017−0.4904i
61.7	0.8108+4.2721i	0.8151−3.1233i	−4.9337+1.8494i	−3.5933−1.7421i	−0.1890+0.7483i	−0.4073−0.1524i	−0.1743−0.3100i	0.2261−0.4900i
61.8	0.9129+4.2200i	0.7481−3.0849i	−4.8518+2.1264i	−3.8058−1.4924i	−0.1558+0.7787i	−0.4806−0.2422i	−0.1921−0.1834i	0.2466−0.5261i
61.9	1.1077+4.1236i	0.5895−3.0670i	−4.6871+2.2830i	−4.0614−1.3587i	−0.0808+0.7941i	−0.6045−0.2188i	−0.2032−0.1554i	0.2301−0.5518i
62.0	1.1074+4.0220i	0.6184−3.0719i	−4.5002+2.3865i	−3.9925−1.2783i	−0.0089+0.8638i	−0.6740−0.2610i	−0.1582−0.0833i	0.2683−0.5581i
62.1	1.1709+3.9651i	0.4568−3.0851i	−4.4958+2.6125i	−3.8670−1.0461i	0.0613+0.8869i	−0.7930−0.2469i	−0.1180−0.0299i	0.2294−0.6225i
62.2	1.2770+3.7755i	0.3644−2.9490i	−4.2698+2.6733i	−3.8797−0.8491i	0.1737+0.8387i	−0.9093−0.1901i	−0.0940−0.0527i	0.1675−0.6133i
62.3	1.2910+3.6874i	0.2717−2.8978i	−4.1252+2.6918i	−3.8689−0.8617i	0.2879+0.8112i	−0.9662−0.1744i	−0.0608−0.0550i	0.0915−0.6122i

62.4	1.3698+3.6169i	0.1326-2.8551i	-3.9493+2.8698i	-4.2109-0.6748i	0.3560+0.7652i	-1.0215-0.1512i	-0.1233-0.0731i	0.0448-0.6292i
62.5	1.4556+3.5333i	-0.0052-2.8220i	-3.8598+3.0045i	-4.1727-0.6035i	0.4396+0.7028i	-1.0235+0.0139i	-0.1374-0.1712i	0.0163-0.5582i
62.6	1.5533+3.4594i	-0.0810-2.7882i	-3.7841+2.9962i	-4.1838-0.4776i	0.4918+0.6665i	-1.0406+0.1050i	-0.1688-0.2104i	-0.0136-0.4795i
62.7	1.5238+3.2612i	-0.1392-2.6168i	-3.5327+2.8551i	-4.0166-0.2347i	0.5280+0.5955i	-0.9866+0.1118i	-0.1771-0.1709i	-0.0525-0.4224i
62.8	1.5212+3.1862i	-0.1512-2.5993i	-3.4548+2.8933i	-3.9682-0.1326i	0.5791+0.5238i	-0.9754+0.2295i	-0.1817-0.1275i	-0.0636-0.4213i
62.9	1.4903+3.0615i	-0.1732-2.5217i	-3.3003+2.9981i	-3.8250+0.0061i	0.5962+0.4461i	-0.9620+0.2727i	-0.2177-0.0852i	-0.0365-0.4027i
63.0	1.5157+2.8847i	-0.2252-2.3787i	-3.1637+3.0316i	-4.0404+0.2379i	0.6250+0.3675i	-0.9092+0.3014i	-0.2732-0.0515i	-0.0136-0.3627i
63.1	1.5361+2.7552i	-0.2648-2.3035i	-3.0294+3.0071i	-3.9613+0.5175i	0.6313+0.3403i	-0.8895+0.4131i	-0.2715-0.0295i	-0.0408-0.3486i
63.2	1.5223+2.6695i	-0.2872-2.2536i	-2.8985+3.0030i	-3.6959+0.5749i	0.6181+0.3025i	-0.8894+0.4921i	-0.2682-0.0042i	-0.0214-0.3340i
63.3	1.5131+2.6333i	-0.3941-2.2323i	-2.8189+3.0134i	-3.4446+0.5683i	0.6165+0.2425i	-0.8112+0.5591i	-0.2867+0.0561i	0.0004-0.3728i
63.4	1.4733+2.5229i	-0.4354-2.1349i	-2.6536+3.0156i	-3.3478+0.5351i	0.5894+0.1570i	-0.7553+0.5817i	-0.2876+0.0904i	-0.0036-0.3735i
63.5	1.5467+2.4501i	-0.5389-2.0199i	-2.6632+3.0522i	-3.3451+0.5355i	0.5992+0.1308i	-0.7039+0.5187i	-0.3024+0.0815i	-0.0274-0.3301i
63.6	1.6154+2.4030i	-0.6103-1.9270i	-2.7096+3.1034i	-3.2143+0.6073i	0.6057+0.1371i	-0.6517+0.5494i	-0.3116+0.0941i	-0.0234-0.2911i
63.7	1.5528+2.3134i	-0.5539-1.8959i	-2.5739+3.0949i	-3.1297+0.6935i	0.5991+0.1028i	-0.6350+0.6211i	-0.3480+0.1886i	0.0063-0.3164i
63.8	1.4789+2.1467i	-0.5725-1.7925i	-2.5026+3.0659i	-3.0384+0.8457i	0.5980+0.0554i	-0.5913+0.6453i	-0.3658+0.2588i	-0.0010-0.3100i
63.9	1.4260+2.0969i	-0.5441-1.7749i	-2.4086+3.0911i	-2.8947+0.9442i	0.6029+0.0538i	-0.5698+0.6851i	-0.3652+0.3346i	0.0186-0.3178i
64.0	1.4197+2.0276i	-0.5235-1.7354i	-2.3093+3.1564i	-2.7829+1.0206i	0.6304+0.0167i	-0.5040+0.7449i	-0.3481+0.4208i	0.0163-0.3114i
64.1	1.3760+1.9883i	-0.5479-1.6781i	-2.2131+3.1701i	-2.7530+0.8898i	0.6255-0.0566i	-0.4235+0.6968i	-0.3000+0.4858i	0.0193-0.3199i
64.2	1.2848+1.8862i	-0.5720-1.5081i	-2.1731+3.1712i	-2.6728+0.7476i	0.5690-0.1280i	-0.3080+0.6415i	-0.2284+0.5343i	0.0245-0.3454i
64.3	1.2716+1.8415i	-0.5838-1.4428i	-2.1095+3.2542i	-2.6017+0.8521i	0.5302-0.1615i	-0.2818+0.5842i	-0.1582+0.5793i	0.0239-0.3551i
64.4	1.2005+1.7160i	-0.5325-1.3441i	-2.0247+3.2335i	-2.7678+0.9294i	0.4733-0.1735i	-0.2603+0.5347i	-0.1128+0.6326i	0.0564-0.3871i
64.5	1.1116+1.5930i	-0.4758-1.2449i	-1.8770+3.2835i	-2.5117+1.0192i	0.4231-0.1779i	-0.2326+0.5498i	-0.0340+0.6694i	0.0307-0.4154i
64.6	1.0567+1.5747i	-0.4703-1.2192i	-1.7392+3.2475i	-2.3913+1.0169i	0.3663-0.1903i	-0.2329+0.4776i	0.0808+0.7048i	-0.0388-0.4647i
64.7	0.9926+1.6130i	-0.4832-1.2184i	-1.6947+3.2399i	-2.3971+0.8118i	0.3217-0.1857i	-0.2546+0.4289i	0.1807+0.7201i	-0.0917-0.4989i
64.8	0.8831+1.6376i	-0.4800-1.2278i	-1.7416+3.1902i	-2.1906+0.7912i	0.2657-0.1459i	-0.2563+0.4286i	0.2789+0.6908i	-0.1454-0.4767i
64.9	0.8697+1.5814i	-0.5018-1.1461i	-1.5778+3.0888i	-2.1678+0.7210i	0.2105-0.1174i	-0.2958+0.4299i	0.3663+0.6350i	-0.2072-0.4511i
65.0	0.8512+1.4994i	-0.4864-1.1106i	-1.4729+3.0438i	-2.1601+0.8843i	0.2196-0.0782i	-0.2886+0.3803i	0.4064+0.6054i	-0.2305-0.4409i
65.1	0.8066+1.4778i	-0.4782-1.1049i	-1.3311+3.0547i	-2.0266+0.8018i	0.2332-0.0441i	-0.2552+0.3682i	0.4769+0.5462i	-0.2920-0.3897i
65.2	0.7382+1.4610i	-0.4342-1.1266i	-1.2586+3.0008i	-1.8532+0.8869i	0.2624-0.0351i	-0.2581+0.3693i	0.5711+0.4806i	-0.3575-0.3371i
65.3	0.6854+1.4178i	-0.4392-1.0119i	-1.2453+2.9679i	-1.7440+0.8316i	0.2759-0.0098i	-0.2420+0.3940i	0.5916+0.3999i	-0.3642-0.2871i
65.4	0.6318+1.4379i	-0.3884-1.0208i	-1.1926+2.8679i	-1.8173+0.7857i	0.2639+0.0058i	-0.2140+0.3574i	0.5944+0.3013i	-0.3633-0.2100i
65.5	0.5963+1.4117i	-0.3641-0.9993i	-1.0770+2.8513i	-1.7477+0.7967i	0.2576-0.0103i	-0.2352+0.3172i	0.5939+0.2590i	-0.3459-0.1995i
65.6	0.5547+1.4269i	-0.3378-1.0077i	-1.0058+2.9226i	-1.6771+0.7033i	0.2768-0.0234i	-0.2427+0.2902i	0.6108+0.2105i	-0.3309-0.1860i
65.7	0.4942+1.3603i	-0.2827-0.9782i	-0.9172+2.8541i	-1.7409+0.6778i	0.3024-0.0164i	-0.2543+0.2554i	0.6114+0.1594i	-0.3252-0.1401i
65.8	0.4255+1.2986i	-0.2389-0.8489i	-0.9494+2.7704i	-1.8596+0.6980i	0.3234+0.0256i	-0.3049+0.1948i	0.5950+0.1249i	-0.2836-0.0946i
65.9	0.4301+1.2974i	-0.2993-0.8390i	-0.8954+2.7090i	-1.8362+0.6302i	0.3196+0.0242i	-0.3974+0.1872i	0.6020+0.0663i	-0.2910-0.0668i
66.0	0.3856+1.3114i	-0.2694-0.8517i	-0.7888+2.6526i	-1.8946+0.6583i	0.3288+0.0178i	-0.4408+0.1779i	0.5936+0.0242i	-0.2858-0.0683i
66.1	0.3199+1.2951i	-0.2313-0.8376i	-0.7801+2.5275i	-1.8820+0.5236i	0.3080+0.0170i	-0.4678+0.2048i	0.5740-0.0174i	-0.2750-0.0362i
66.2	0.2676+1.2699i	-0.2165-0.8178i	-0.7979+2.4991i	-1.7351+0.5059i	0.3232+0.0275i	-0.4305+0.2480i	0.5558-0.0696i	-0.2423-0.0071i
66.3	0.1937+1.2526i	-0.1311-0.8212i	-0.7666+2.4856i	-1.7351+0.5810i	0.3646+0.0313i	-0.4853+0.2533i	0.5659-0.1065i	-0.2464+0.0040i
66.4	0.1380+1.2512i	-0.1114-0.8202i	-0.7351+2.4623i	-1.6415+0.4655i	0.3717+0.0522i	-0.5286+0.2864i	0.5371-0.1417i	-0.2440+0.0240i
66.5	0.0254+1.2368i	-0.0892-0.8252i	-0.7582+2.3417i	-1.5658+0.3699i	0.3869+0.0346i	-0.5291+0.2897i	0.4891-0.1688i	-0.2238+0.0644i
66.6	-0.0281+1.2542i	-0.1014-0.8200i	-0.7927+2.2341i	-1.6987+0.2544i	0.4004+0.0084i	-0.5214+0.3166i	0.4462-0.2001i	-0.1845+0.0849i
66.7	-0.0344+1.2325i	-0.0805-0.8415i	-0.6704+2.2650i	-1.6644+0.1297i	0.4309-0.0069i	-0.5021+0.4070i	0.3997-0.2430i	-0.1597+0.0952i
66.8	-0.0456+1.2408i	-0.1164-0.9101i	-0.5651+2.1969i	-1.6425+0.0961i	0.4275-0.0228i	-0.4975+0.4445i	0.3444-0.2404i	-0.1566+0.0753i
66.9	-0.1501+1.2783i	-0.1222-0.9293i	-0.6697+2.0977i	-1.7176+0.0993i	0.4414-0.0180i	-0.4574+0.4627i	0.3275-0.2694i	-0.1396+0.1112i
67.0	-0.1880+1.2285i	-0.1162-0.8601i	-0.6632+2.0447i	-1.7753+0.1005i	0.4684-0.0504i	-0.4350+0.4884i	0.2803-0.3051i	-0.1035+0.1321i
67.1	-0.2100+1.1621i	-0.1180-0.8134i	-0.6724+1.9873i	-1.7867+0.1731i	0.4785-0.0715i	-0.3992+0.4805i	0.2444-0.3000i	-0.0833+0.1249i
67.2	-0.3477+1.2127i	-0.1150-0.7778i	-0.7554+1.9539i	-1.8832+0.0467i	0.4501-0.0484i	-0.3622+0.4979i	0.1903-0.2731i	-0.0212+0.1103i
67.3	-0.3728+1.1932i	-0.1188-0.8236i	-0.7162+1.9125i	-1.8634-0.0234i	0.4680-0.0945i	-0.3461+0.5190i	0.1412-0.2791i	-0.0108+0.0847i
67.4	-0.4622+1.3151i	-0.1274-0.8723i	-0.7910+1.8809i	-2.0012+0.0098i	0.4725-0.1484i	-0.4059+0.5339i	0.1013-0.2471i	0.0160+0.0935i
67.5	-0.5840+1.3366i	-0.1564-0.8152i	-0.9685+1.7648i	-2.1501+0.0406i	0.4437-0.1235i	-0.3950+0.5556i	0.0660-0.2302i	0.0429+0.1245i
67.6	-0.6396+1.2870i	-0.1298-0.7508i	-0.9975+1.8082i	-2.1907-0.0607i	0.4931-0.2257i	-0.2871+0.4970i	0.0346-0.1977i	0.0667+0.1033i
67.7	-0.7357+1.3087i	-0.0984-0.7265i	-1.1022+1.7168i	-2.1706-0.0693i	0.4580-0.2306i	-0.2644+0.5064i	0.0081-0.1586i	0.1040+0.0908i
67.8	-0.7835+1.3549i	-0.1375-0.7351i	-1.1349+1.7570i	-2.1831-0.0125i	0.4135-0.2903i	-0.2421+0.4996i	-0.0244-0.1302i	0.1190+0.0774i
67.9	-0.9256+1.4126i	-0.1486-0.7840i	-1.1174+1.7317i	-2.1522-0.1131i	0.3491-0.3093i	-0.2268+0.4414i	-0.0744-0.0973i	0.1348+0.0562i
68.0	-0.9832+1.3711i	-0.1145-0.7477i	-1.1015+1.7010i	-2.1204-0.1248i	0.2662-0.3502i	-0.2262+0.3568i	-0.1027-0.0452i	0.1362+0.0077i
68.1	-1.0666+1.4413i	-0.1148-0.7354i	-1.2359+1.6942i	-2.2538-0.1204i	0.1995-0.3449i	-0.2739+0.2977i	-0.1056+0.0001i	0.1644+0.0020i
68.2	-1.2345+1.5745i	-0.1176-0.7425i	-1.4099+1.6658i	-2.3845-0.1962i	0.0897-0.2819i	-0.3344+0.2329i	-0.1112+0.0809i	0.1853-0.0291i
68.3	-1.2943+1.6093i	-0.0569-0.7196i	-1.4080+1.7607i	-2.4335-0.1822i	0.0527-0.2231i	-0.3790+0.2313i	-0.0862+0.1195i	0.1626-0.0727i
68.4	-1.3252+1.6801i	-0.0546-0.6952i	-1.4524+1.8562i	-2.5042-0.2964i	0.0199-0.1463i	-0.4622+0.2530i	-0.0539+0.1250i	0.1498-0.1050i
68.5	-1.4154+1.8359i	-0.0324-0.6949i	-1.5548+1.9553i	-2.5966-0.3126i	0.0390-0.0642i	-0.5309+0.3361i	-0.0755+0.1286i	0.1781-0.1018i
68.6	-1.4850+1.9460i	-0.0347-0.6603i	-1.7028+1.9103i	-2.7560-0.2165i	0.0829-0.0008i	-0.5980+0.3970i	-0.1154+0.2250i	0.1941-0.1155i

68.7	−1.6039+2.0591i	−0.0167−0.7200i	−1.7129+1.9539i	−2.8758−0.2238i	0.0382+0.0774i	−0.6231+0.4138i	−0.1085+0.3644i	0.1813−0.1519i
68.8	−1.6081+2.1583i	−0.0027−0.7136i	−1.6922+2.0139i	−3.0465−0.1180i	0.0804+0.1532i	−0.6749+0.4986i	−0.0439+0.4741i	0.1623−0.1868i
68.9	−1.6802+2.4168i	−0.0310−0.7509i	−1.9203+2.1606i	−3.2282−0.0117i	0.1764+0.2607i	−0.7152+0.5436i	0.0484+0.5776i	0.1813−0.2435i
69.0	−1.7982+2.4111i	0.0134−0.7591i	−1.8861+2.1808i	−3.2183+0.0293i	0.1915+0.3278i	−0.6801+0.6818i	0.1026+0.5776i	0.1458−0.2128i
69.1	−1.8855+2.4258i	0.0387−0.6846i	−1.9905+2.3001i	−3.3066−0.0031i	0.2657+0.3694i	−0.6982+0.6380i	0.1844+0.6100i	0.1237−0.1898i
69.2	−1.9922+2.7137i	0.0666−0.7202i	−2.1065+2.5554i	−3.6341+0.1686i	0.3916+0.4356i	−0.7037+0.6751i	0.3195+0.6827i	0.1299−0.2507i
69.3	−1.9272+2.9177i	0.0988−0.7297i	−1.9815+2.7741i	−3.8443+0.4032i	0.5127+0.4227i	−0.7684+0.7374i	0.4443+0.6877i	0.1402−0.3169i
69.4	−1.8348+3.0927i	0.0634−0.7403i	−1.8070+2.9184i	−3.9682+0.6092i	0.6526+0.3835i	−0.8156+0.8421i	0.5976+0.6726i	0.1121−0.3711i
69.5	−1.8111+3.1329i	−0.0067−0.6827i	−1.7820+3.0196i	−3.9969+0.8255i	0.7403+0.3023i	−0.8503+0.9962i	0.6675+0.6009i	0.0910−0.3879i
69.6	−1.8556+3.3170i	0.0071−0.6957i	−1.7857+3.1032i	−4.0339+1.1959i	0.8167+0.1991i	−0.7497+1.2113i	0.7567+0.5979i	0.0186−0.4232i
69.7	−1.7130+3.5658i	−0.0328−0.7275i	−1.7108+3.1854i	−3.8428+1.5423i	0.8542+0.1005i	−0.5407+1.2714i	0.8919+0.5293i	−0.0279−0.4100i
69.8	−1.7208+3.8328i	0.0302−0.8043i	−1.5217+3.3177i	−4.0028+1.7581i	0.8709−0.0212i	−0.4098+1.2868i	1.0677+0.4262i	−0.1371−0.4152i
69.9	−1.7827+3.8931i	−0.0016−0.7935i	−1.6250+3.3003i	−4.1848+1.8543i	0.8680−0.0753i	−0.3470+1.3183i	1.1844+0.3734i	−0.2246−0.4222i
70.0	−1.8428+3.9620i	0.0606−0.7386i	−1.3755+3.3192i	−4.2431+2.2375i	0.8118−0.0984i	−0.2806+1.2946i	1.2867+0.1846i	−0.3246−0.3428i
70.1	−1.7256+4.0882i	0.0892−0.7255i	−1.1649+3.3711i	−4.0137+2.5663i	0.7628−0.1238i	−0.1664+1.2748i	1.2839−0.0404i	−0.3530−0.2133i
70.2	−1.6513+4.0768i	0.0534−0.7296i	−1.0114+3.2018i	−3.6848+2.7322i	0.7366−0.0969i	−0.0429+1.2349i	1.1878−0.2059i	−0.3242−0.1111i
70.3	−1.5537+4.2912i	0.0580−0.6788i	−0.8834+3.2073i	−3.3060+2.9889i	0.7612−0.1051i	0.0909+1.2218i	1.1092−0.4098i	−0.3029−0.0179i
70.4	−1.4541+4.6567i	0.0537−0.6939i	−0.9908+3.2712i	−2.9469+3.2912i	0.8757−0.1523i	0.1968+1.2079i	1.0145−0.4782i	−0.2211+0.0006i
70.5	−1.4175+5.0145i	0.0715−0.7785i	−1.0818+3.1443i	−2.8231+3.5081i	0.9574−0.1284i	0.2876+1.2222i	0.8372−0.5373i	−0.1192+0.0282i
70.6	−1.1970+5.2971i	0.0300−0.7376i	−1.1184+3.0736i	−2.5016+3.4643i	0.9673−0.1720i	0.2996+1.2199i	0.6713−0.5613i	−0.0266+0.0514i
70.7	−0.9886+5.6699i	0.0274−0.7891i	−1.1167+3.2224i	−2.2284+3.2507i	1.0287−0.2474i	0.3888+1.1591i	0.6023−0.5595i	0.0031+0.0397i
70.8	−0.6500+5.6413i	0.0528−0.7933i	−1.2662+3.1226i	−2.0858+3.0351i	1.0319−0.3007i	0.4291+0.9961i	0.5029−0.4762i	0.0539+0.0090i
70.9	−0.3220+5.7900i	0.0295−0.7619i	−1.4738+3.1200i	−1.9463+3.0367i	1.0559−0.3763i	0.4084+0.9943i	0.4554−0.3712i	0.1250−0.0425i
71.0	0.0268+5.9521i	0.0761−0.7599i	−1.4530+3.3377i	−1.7395+3.1689i	1.0973−0.4890i	0.6017+0.9407i	0.5108−0.3152i	0.1407−0.1085i
71.1	0.4032+5.7701i	0.1355−0.7814i	−1.5174+3.4264i	−1.6345+2.9755i	1.0887−0.6013i	0.6056+0.7245i	0.5229−0.1783i	0.1415−0.2072i
71.2	0.7053+5.4653i	0.1189−0.7980i	−1.6710+3.3292i	−1.4801+2.8493i	1.0457−0.6504i	0.5920+0.6059i	0.5164−0.0475i	0.1851−0.2913i
71.3	0.8395+5.2628i	0.0629−0.8311i	−1.6042+3.2577i	−1.4645+2.7332i	0.9789−0.6613i	0.4911+0.5360i	0.5909−0.0025i	0.1473−0.3247i
71.4	1.0397+5.0347i	0.0654−0.7551i	−1.6700+3.7815i	−1.3201+2.6707i	0.9484−0.8078i	0.3979+0.4514i	0.7823−0.0054i	0.0512−0.4374i
71.5	1.0680+4.8497i	0.0769−0.7866i	−1.6736+4.1889i	−1.2338+2.5140i	0.8915−0.9189i	0.3848+0.4175i	0.9148−0.0681i	−0.0443−0.4877i
71.6	0.9666+4.7105i	0.1090−0.8192i	−1.5238+4.3225i	−1.4035+2.4939i	0.8244−0.9295i	0.3223+0.4161i	1.0056−0.1613i	−0.1455−0.4844i
71.7	1.0399+4.6948i	0.0548−0.8168i	−1.6429+4.3719i	−1.2709+2.5828i	0.8251−0.9669i	0.2627+0.3810i	1.1145−0.1525i	−0.1629−0.5170i
71.8	1.0375+4.6968i	0.0788−0.8518i	−1.3859+4.7968i	−1.2173+2.5350i	0.7374−1.0280i	0.1964+0.4635i	1.2481−0.3775i	−0.2937−0.4804i
71.9	1.1096+4.6046i	0.0153−0.8551i	−1.3571+4.8632i	−1.1911+2.5412i	0.6689−1.0409i	0.1405+0.4785i	1.2492−0.4750i	−0.3373−0.4443i
72.0	1.1605+4.5815i	−0.0272−0.8098i	−1.1545+5.1272i	−1.1381+2.5052i	0.6421−1.0832i	0.1303+0.5661i	1.2930−0.5964i	−0.4132−0.4408i
72.1	1.2367+4.6841i	0.0309−0.8062i	−0.4259+5.6574i	−1.2321+2.3940i	0.5092−1.1633i	0.1159+0.6391i	1.2550−0.9815i	−0.5566−0.3013i
72.2	1.2139+4.7096i	0.0058−0.8634i	−0.4654+5.7418i	−1.1098+2.4081i	0.4454−1.2085i	0.1056+0.6279i	1.2473−1.0898i	−0.5632−0.2724i
72.3	1.1764+4.6330i	−0.0298−0.8328i	−0.4271+5.7058i	−1.0044+2.2822i	0.4069−1.1709i	0.1228+0.6788i	1.1876−1.1781i	−0.5709−0.2149i
72.4	1.3035+4.7463i	−0.0766−0.8289i	−0.2585+5.8080i	−1.0528+2.3806i	0.3941−1.1453i	0.1513+0.7114i	1.1008−1.2945i	−0.5681−0.1570i
72.5	1.4664+4.7779i	−0.1087−0.8862i	0.2173+5.9015i	−1.0088+2.4418i	0.2972−1.1259i	0.1838+0.7645i	0.8659−1.4222i	−0.5206−0.0367i
72.6	1.5187+4.7754i	−0.0684−0.8562i	0.5602+5.9058i	−1.0552+2.4395i	0.2577−1.1349i	0.2267+0.7351i	0.7223−1.4737i	−0.5123+0.0094i
72.7	1.5046+4.7282i	−0.0301−0.7476i	0.8645+5.9384i	−1.0989+2.3942i	0.1872−1.1611i	0.2250+0.7899i	0.5930−1.5948i	−0.5182+0.0803i
72.8	1.5571+4.7150i	−0.0332−0.7569i	1.1393+5.7576i	−1.2007+2.4391i	0.1394−1.1300i	0.2367+0.7806i	0.4401−1.5774i	−0.4939+0.1103i
72.9	1.6462+4.7888i	−0.0159−0.8234i	1.4620+5.7440i	−1.1200+2.4990i	0.0681−1.1125i	0.3281+0.7625i	0.2620−1.6163i	−0.4669+0.1540i
73.0	1.6684+4.7994i	0.0373−0.7701i	1.5905+5.9437i	−1.0093+2.4515i	0.0090−1.1576i	0.3260+0.8179i	0.1861−1.6613i	−0.4383+0.1720i
73.1	1.7733+4.8151i	0.0018−0.6830i	1.7244+5.8960i	−0.9419+2.4601i	0.0096−1.1218i	0.3635+0.8442i	0.1061−1.5963i	−0.3871+0.1808i
73.2	1.8305+4.8349i	−0.0471−0.7336i	1.8944+5.6296i	−1.0475+2.5940i	0.0064−1.0592i	0.4559+0.7407i	0.0202−1.4827i	−0.3642+0.1821i
73.3	1.9935+5.0208i	−0.1040−0.8593i	2.2422+5.5509i	−0.9993+2.7241i	−0.0244−0.9790i	0.4664+0.7688i	−0.0993−1.4254i	−0.3362+0.2105i
73.4	2.1099+4.9631i	−0.1195−0.8424i	2.2822+5.3332i	−0.8151+2.8296i	0.0051−0.9199i	0.5274+0.7391i	−0.1195−1.3166i	−0.3280+0.1939i
73.5	2.1575+4.9417i	−0.0592−0.8473i	2.4936+5.2724i	−0.7261+2.8786i	0.0479−0.9434i	0.5795+0.7327i	−0.1435−1.3471i	−0.3283+0.2394i
73.6	2.2395+4.8883i	−0.0905−0.8610i	2.7032+5.0427i	−0.6564+2.9008i	0.0885−0.9517i	0.6579+0.7368i	−0.1744−1.3468i	−0.2939+0.2709i
73.7	2.4839+4.8502i	−0.0847−0.9208i	3.1044+4.7088i	−0.4854+3.0738i	0.0140−1.0324i	0.7934+0.6736i	−0.3324−1.3853i	−0.2508+0.3388i
73.8	2.6862+4.7743i	−0.2359−0.8682i	2.9947+4.5855i	−0.1593+2.9916i	−0.0053−1.0979i	0.8337+0.5626i	−0.3510−1.3638i	−0.2173+0.3386i
73.9	2.8375+4.7813i	−0.2438−0.7965i	3.1201+4.6155i	−0.0873+2.8913i	−0.0890−1.1754i	0.8475+0.4425i	−0.4642−1.4029i	−0.1728+0.3811i
74.0	2.8773+4.7769i	−0.2119−0.8099i	3.2818+4.4762i	0.0047+2.8752i	−0.1620−1.1766i	0.8388+0.3809i	−0.5863−1.3527i	−0.1258+0.3962i
74.1	2.9733+4.7315i	−0.2135−0.7991i	3.5698+4.3345i	0.1184+2.8385i	−0.2688−1.1361i	0.8707+0.3554i	−0.7602−1.2730i	−0.0513+0.4102i
74.2	3.1689+4.6457i	−0.3478−0.7315i	3.4446+4.2685i	0.3701+2.8184i	−0.2736−1.1313i	0.7848+0.2833i	−0.7359−1.2318i	−0.0259+0.3801i
74.3	3.1960+4.4811i	−0.3275−0.7346i	3.4259+3.8731i	0.4148+2.6584i	−0.3510−1.0645i	0.7163+0.1939i	−0.7986−1.0855i	0.0255+0.3552i
74.4	3.2556+4.4845i	−0.3010−0.7327i	3.5269+3.8374i	0.4704+2.5679i	−0.3957−1.0423i	0.6466+0.1903i	−0.8496−1.0519i	0.0519+0.3463i
74.5	3.4043+4.3332i	−0.2850−0.6164i	3.7393+3.7972i	0.6153+2.3892i	−0.4651−1.0209i	0.6625+0.1943i	−0.9785−0.9635i	0.1338+0.3168i
74.6	3.5534+4.2932i	−0.3367−0.6033i	3.7689+3.6804i	0.7605+2.2686i	−0.4908−0.9758i	0.6560+0.1111i	−0.9873−0.8335i	0.1706+0.2761i
74.7	3.6061+4.1616i	−0.3096−0.5476i	3.7873+3.5495i	0.7836+2.1011i	−0.5230−0.9258i	0.6327+0.0419i	−0.9632−0.7671i	0.1586+0.2481i
74.8	3.5278+4.1112i	−0.2884−0.4598i	3.6019+3.4770i	0.8318+2.0527i	−0.4711−0.9084i	0.6406+0.0522i	−0.9164−0.7244i	0.1602+0.2198i
74.9	3.5845+4.0269i	−0.2549−0.3999i	3.7988+3.3443i	0.7529+1.9503i	−0.4791−0.8863i	0.5992+0.0065i	−0.9411−0.6439i	0.1755+0.1770i

75.0	3.6650+3.7804i	-0.2660-0.3527i	3.7715+3.1622i	0.9485+1.8211i	-0.5454-0.8543i	0.5513-0.0191i	-0.9362-0.5782i	0.2014+0.1405i
75.1	3.6326+3.6647i	-0.2332-0.2892i	3.6406+3.1896i	1.0413+1.6500i	-0.5451-0.8676i	0.4973-0.0593i	-0.9050-0.5872i	0.2172+0.1539i
75.2	3.6407+3.4060i	-0.2001-0.2401i	3.7545+2.8190i	1.0575+1.5169i	-0.5803-0.7854i	0.4440+0.0006i	-0.9409-0.4683i	0.2375+0.1119i
75.3	3.6587+3.3721i	-0.1092-0.2653i	3.9776+2.5024i	0.9459+1.4752i	-0.6167-0.7024i	0.4360+0.0207i	-0.9486-0.3195i	0.2214+0.0335i
75.4	3.6437+3.4411i	-0.0894-0.2483i	3.9444+2.6748i	0.8782+1.3740i	-0.6095-0.7364i	0.4342-0.0549i	-0.9021-0.3147i	0.1955+0.0137i
75.5	3.7595+3.2650i	-0.1051-0.2165i	3.9931+2.4760i	0.9789+1.2000i	-0.6473-0.7113i	0.3545+0.0013i	-0.9120-0.2665i	0.2257-0.0142i
75.6	3.7038+3.0341i	-0.0897-0.0206i	3.9772+2.2824i	1.0168+1.0662i	-0.6739-0.6541i	0.4108-0.0129i	-0.9186-0.1800i	0.2353-0.0567i
75.7	3.4945+3.0820i	-0.0065+0.0255i	3.7460+2.3123i	0.9195+0.9688i	-0.6810-0.6520i	0.3317-0.0086i	-0.8817-0.1930i	0.2168-0.0459i
75.8	3.2872+3.1577i	0.1733-0.0257i	3.7033+2.3387i	0.8309+0.9066i	-0.7215-0.6319i	0.2863-0.0689i	-0.8815-0.1843i	0.2074-0.0391i
75.9	3.1927+3.1216i	0.2718-0.0127i	3.5844+2.2256i	0.8168+0.8301i	-0.7408-0.5697i	0.2500-0.0921i	-0.8561-0.1320i	0.2071-0.0519i
76.0	3.2416+2.9229i	0.3824+0.0807i	3.6864+2.2073i	0.8716+0.6995i	-0.7793-0.5262i	0.2840-0.0957i	-0.9152-0.0660i	0.2359-0.0999i
76.1	3.1584+2.9841i	0.4390+0.0112i	3.5638+2.0721i	0.9978+0.5962i	-0.7957-0.4596i	0.2967-0.0519i	-0.8663+0.0207i	0.2106-0.1373i
76.2	3.0257+3.1591i	0.5773-0.0141i	3.5201+1.8007i	0.7010+0.4194i	-0.7875-0.4114i	0.2470-0.0156i	-0.7809+0.1001i	0.1859-0.1740i
76.3	3.0101+3.1623i	0.6028-0.0103i	3.4875+1.8132i	0.6831+0.2583i	-0.7810-0.3532i	0.2852-0.0525i	-0.7628+0.1506i	0.1913-0.1864i
76.4	2.8989+3.1423i	0.7565-0.0417i	3.4119+1.7784i	0.7722+0.1724i	-0.8033-0.2840i	0.2433-0.1039i	-0.7599+0.2224i	0.1976-0.2239i
76.5	2.8657+3.3770i	0.8380-0.1344i	3.3843+1.5662i	0.7375+0.0850i	-0.8172-0.2035i	0.1727-0.1646i	-0.6782+0.2944i	0.1425-0.2632i
76.6	2.9900+3.4830i	0.9391-0.1872i	3.3317+1.5327i	0.5741-0.0327i	-0.7708-0.1295i	0.1027-0.1795i	-0.6277+0.3028i	0.1048-0.2316i
76.7	3.0527+3.7733i	1.0127-0.1082i	3.2414+1.8633i	0.5442-0.2474i	-0.7523-0.0761i	0.0446-0.0445i	-0.6279+0.2841i	0.1305-0.2435i
76.8	2.9631+3.6231i	1.2761+0.0114i	3.5504+1.7353i	0.4152-0.5998i	-0.7492+0.0032i	0.0473-0.0588i	-0.5898+0.4607i	0.1110-0.3240i
76.9	2.9963+3.7761i	1.4996-0.1810i	3.5792+1.6404i	0.2183-0.8236i	-0.7073+0.0928i	-0.0636-0.0556i	-0.4814+0.5685i	0.0698-0.3522i
77.0	3.0496+3.9694i	1.5815-0.2079i	3.4669+1.6823i	0.0857-0.8734i	-0.6530+0.1448i	-0.1014-0.0489i	-0.4128+0.5513i	0.0457-0.3492i
77.1	3.0385+4.1970i	1.7313-0.4305i	3.4320+1.7139i	-0.1127-0.9983i	-0.5597+0.2055i	-0.1007+0.0106i	-0.3022+0.5318i	0.0112-0.3564i
77.2	3.2794+4.4444i	2.0391-0.5196i	3.2944+2.0112i	-0.4067-1.1775i	-0.4605+0.2292i	-0.1675+0.1343i	-0.2487+0.4606i	0.0001-0.3331i
77.3	3.5594+4.5464i	2.1724-0.6325i	3.4402+2.2245i	-0.5277-1.3031i	-0.4019+0.2151i	-0.1389+0.1359i	-0.2527+0.4438i	0.0215-0.3382i
77.4	3.7608+4.6423i	2.2895-0.7140i	3.7896+2.2997i	-0.8051-1.5471i	-0.3239+0.2188i	-0.1973+0.1319i	-0.1767+0.5092i	0.0133-0.3998i
77.5	4.0809+4.6591i	2.2870-0.9151i	4.0719+2.0514i	-1.3252-1.6360i	-0.2295+0.2161i	-0.2186+0.1829i	-0.0216+0.4546i	-0.0675-0.3909i
77.6	4.5207+4.6905i	2.4554-1.5187i	4.3832+1.7470i	-1.9843-1.5850i	-0.1090+0.2124i	-0.2596+0.3154i	0.1000+0.3709i	-0.1541-0.3781i
77.7	4.9448+4.8121i	2.5463-1.9588i	4.5617+1.9533i	-2.4046-1.5707i	-0.0364+0.1912i	-0.2519+0.4516i	0.1910+0.2937i	-0.2002-0.3871i
77.8	5.3352+4.7837i	2.3167-2.1947i	4.5712+2.0848i	-2.5654-1.3560i	-0.0078+0.1147i	-0.2195+0.5238i	0.2031+0.2237i	-0.2048-0.3871i
77.9	5.6440+4.7101i	2.2553-2.5274i	4.7868+1.9000i	-2.9300-1.2409i	0.0081+0.0908i	-0.2277+0.4867i	0.2358+0.1589i	-0.2448-0.3712i
78.0	5.9653+4.2787i	1.9508-2.8911i	5.0982+1.3258i	-3.3519-0.8418i	0.0227+0.0438i	-0.1337+0.5378i	0.2363+0.0954i	-0.2903-0.3235i
78.1	6.0320+3.9590i	1.8726-2.9165i	4.9723+0.9875i	-3.7231-0.6149i	0.0150+0.0264i	-0.0806+0.6214i	0.2116+0.0162i	-0.2939-0.2738i
78.2	6.2109+3.7221i	1.8664-3.0376i	5.0524+1.0533i	-3.9789-0.2885i	0.0378-0.0329i	-0.0972+0.6925i	0.1514-0.0311i	-0.2806-0.2803i
78.3	6.3803+3.5788i	1.6004-3.4808i	5.1868+0.7998i	-4.3064+0.2995i	0.0806-0.0381i	0.0314+0.8028i	0.1735-0.0909i	-0.3287-0.2408i
78.4	6.6197+3.2621i	1.2950-3.7309i	5.1212+0.6019i	-4.4249+0.8187i	0.1142-0.0392i	0.1600+0.8240i	0.1753-0.1478i	-0.3496-0.1941i
78.5	6.7522+2.7867i	1.1080-3.8754i	5.1520+0.1328i	-4.5079+1.3142i	0.1127-0.0895i	0.2734+0.8687i	0.1571-0.1585i	-0.3743-0.1794i
78.6	6.8986+2.5873i	0.7244-4.0650i	5.2062-0.0951i	-4.7207+1.7994i	0.1411-0.1596i	0.3178+0.8180i	0.1031-0.2061i	-0.3604-0.1205i
78.7	6.9939+2.3195i	0.4475-4.0151i	5.2043-0.2523i	-4.6772+2.3288i	0.1822-0.2276i	0.3725+0.7575i	0.0495-0.2488i	-0.3287-0.0899i
78.8	6.7914+1.9291i	0.3439-3.7457i	5.1001-0.3379i	-4.2167+2.6560i	0.1786-0.2848i	0.4828+0.6754i	-0.0032-0.2428i	-0.3122-0.1021i
78.9	6.7423+1.6367i	0.3544-3.7133i	5.2029-0.6616i	-3.9950+2.7376i	0.1449-0.3362i	0.5262+0.6864i	-0.0149-0.2279i	-0.3284-0.1120i
79.0	6.6669+1.4717i	0.2710-4.1144i	4.9320-1.0746i	-4.1749+3.0123i	0.1469-0.3350i	0.5303+0.6761i	-0.0123-0.2703i	-0.3396-0.0748i
79.1	6.7114+1.4160i	-0.0280-4.2303i	4.7082-0.8746i	-4.2200+3.4753i	0.1354-0.3705i	0.4803+0.6563i	-0.0720-0.3046i	-0.2919-0.0536i
79.2	6.7831+1.2368i	-0.3846-4.1400i	4.7328-0.8217i	-4.0101+4.0269i	0.1433-0.4311i	0.5028+0.5641i	-0.1633-0.3377i	-0.2539-0.0217i
79.3	6.6502+0.8630i	-0.8111-3.9721i	4.5241-1.0923i	-3.5701+4.6524i	0.1746-0.4693i	0.5893+0.5527i	-0.2574-0.3374i	-0.2174+0.0148i
79.4	6.4636+0.6977i	-1.0674-3.8771i	4.2682-1.1871i	-3.2064+4.8786i	0.1649-0.5361i	0.6223+0.5260i	-0.3098-0.2935i	-0.1783+0.0159i
79.5	6.5349+0.5070i	-1.2183-3.9018i	4.3074-1.2112i	-2.8201+5.1964i	0.1181-0.6178i	0.6999+0.5549i	-0.3332-0.2403i	-0.1703-0.0261i
79.6	6.5106+0.3108i	-1.3806-3.7954i	4.2669-1.3939i	-2.5267+5.4029i	0.0939-0.6620i	0.6468+0.5171i	-0.3839-0.2438i	-0.1528-0.0283i
79.7	6.4267+0.1370i	-1.5069-3.5498i	4.3181-1.4470i	-2.0720+5.4297i	0.0187-0.7121i	0.6618+0.5290i	-0.3975-0.1629i	-0.1476-0.0609i
79.8	6.3481-0.1194i	-1.7469-3.4824i	4.2899-1.7070i	-1.4677+5.4866i	-0.0758-0.7129i	0.7441+0.4384i	-0.3772-0.0886i	-0.1685-0.0895i
79.9	6.2150-0.3238i	-1.9439-3.4138i	4.0297-1.9650i	-1.0535+5.6938i	-0.1260-0.7588i	0.6683+0.3845i	-0.4200-0.0362i	-0.1513-0.1006i
80.0	6.0161-0.4718i	-2.0190-3.3027i	3.8252-1.9423i	-0.7873+5.6554i	-0.1613-0.7418i	0.6451+0.3784i	-0.3973+0.0003i	-0.1596-0.1327i

2.1.47 Run 4 – IP050-200 – Accels 33–40

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	7.4071+0.0000i	0.7764+0.0000i	-6.5118+0.0000i	-4.9799+0.0000i	18.6365+0.0000i	6.6495+0.0000i	11.9038+0.0000i	3.4060+0.0000i
0.1	6.4028-1.3040i	0.4522-0.4339i	-5.9111+0.2211i	-2.9203+1.9274i	16.6928-1.5573i	5.5248-1.2991i	10.1089-1.5258i	2.8282-0.1669i
0.2	1.5405-0.4539i	-0.1476+0.5084i	0.2841-0.5456i	1.2840+0.1243i	3.0380+0.4624i	1.9620-1.2891i	0.4204-0.5386i	0.3889+0.7118i
0.3	-0.4095-2.1183i	-0.6638-0.2455i	0.3955-0.3294i	0.8536+1.3495i	1.1333-2.8079i	3.7345-2.2673i	0.2968-0.6247i	0.5647+0.6084i
0.4	-0.5456-1.1950i	-0.4722-0.8386i	0.1113-1.0979i	0.6961-0.0508i	1.4315-3.9778i	1.7019-3.7726i	-0.3047-0.1615i	0.4789+0.4527i
0.5	-0.1899-0.1585i	-0.1865-0.0790i	-0.1728-0.0389i	0.2815+0.3228i	0.2375+0.5894i	0.7754-0.1494i	0.0319-0.1593i	0.1171+0.1763i
0.6	-0.0630+0.0009i	-0.0620+0.0719i	0.0018+0.1069i	0.0448+0.0381i	-0.0140+0.1764i	0.1551+0.1557i	0.0422-0.0680i	0.0642+0.0716i
0.7	-0.0839+0.0193i	-0.0671-0.0121i	0.0136-0.0110i	-0.0895-0.0092i	-0.1475+0.0116i	-0.0313+0.0421i	0.0073+0.0336i	0.0067+0.0023i
0.8	-0.0472-0.0083i	-0.0765-0.0086i	0.0037+0.0031i	-0.0504-0.0275i	-0.1168-0.0124i	0.0003+0.0107i	-0.0056+0.0101i	0.0153-0.0048i
0.9	-0.0527-0.0142i	-0.1060+0.0098i	0.0041+0.0015i	-0.0443-0.0209i	-0.1332-0.0063i	-0.0032+0.0141i	-0.0174-0.0044i	0.0174-0.0026i
1.0	-0.0705-0.0191i	-0.1016+0.0100i	0.0085+0.0060i	-0.0709-0.0136i	-0.1030+0.0187i	0.0083+0.0106i	-0.0157+0.0006i	0.0189-0.0047i
1.1	-0.0829-0.0298i	-0.1340+0.0057i	0.0175+0.0050i	-0.0809+0.0050i	-0.1575+0.0015i	0.0230+0.0080i	-0.0193+0.0037i	0.0226-0.0107i
1.2	-0.1269-0.0355i	-0.2298-0.0221i	0.0088+0.0025i	-0.1192+0.0004i	-0.2062-0.0406i	0.0167-0.0065i	-0.0068+0.0041i	0.0332-0.0178i
1.3	-0.1568-0.0406i	-0.2979-0.0486i	0.0066+0.0066i	-0.1255+0.0168i	-0.3066-0.1191i	0.0235+0.0011i	-0.0148+0.0085i	0.0256-0.0421i
1.4	-0.2558-0.0343i	-0.6151+0.0042i	0.0103+0.0032i	-0.0681-0.0177i	-0.8262-0.0030i	0.0267+0.0008i	-0.0119+0.0159i	-0.0020-0.0471i
1.5	-0.3050+0.0806i	-0.7349+0.4912i	0.0126+0.0020i	-0.1384-0.1634i	-0.9022+0.8453i	0.0335+0.0005i	-0.0004-0.0019i	0.0364-0.0299i
1.6	-0.2316+0.0878i	-0.4083+0.6151i	0.0118+0.0029i	-0.3506-0.1712i	-0.1735+0.9622i	0.0442+0.0020i	-0.0246-0.0190i	0.0895-0.0707i
1.7	-0.2572+0.0297i	-0.3620+0.5079i	0.0120+0.0015i	-0.4732-0.0866i	0.0030+0.6425i	0.0517+0.0013i	-0.0472-0.0140i	0.0708-0.1203i
1.8	-0.3660-0.0142i	-0.5092+0.6633i	0.0142+0.0029i	-0.6155-0.0216i	-0.0810+0.6316i	0.0680-0.0043i	-0.0692-0.0121i	0.0196-0.1917i
1.9	-0.5066-0.0675i	-0.4797+1.0101i	0.0190+0.0096i	-0.7739+0.0292i	-0.0232+0.7989i	0.0816-0.0118i	-0.0931-0.0148i	-0.0820-0.2489i
2.0	-0.8473-0.1172i	0.0683+1.2696i	0.0337+0.0149i	-1.0212+0.1022i	0.3362+0.8474i	0.0927-0.0185i	-0.1484-0.0118i	-0.2622-0.2008i
2.1	-1.6705-0.0773i	0.7916+1.0464i	0.0724+0.0136i	-1.6354+0.1797i	0.6487+0.5898i	0.1329-0.0213i	-0.2757+0.0140i	-0.3617-0.0196i
2.2	-2.7349+0.3069i	0.9347+0.7819i	0.1162-0.0011i	-2.5907+0.5299i	0.5933+0.4325i	0.2021-0.0456i	-0.4368+0.0920i	-0.3159+0.0659i
2.3	-2.0041+2.1272i	0.9392+0.5751i	0.0925-0.0721i	-1.8239+2.2409i	0.5997+0.4467i	0.1526-0.1668i	-0.2886+0.3737i	-0.2501+0.1034i
2.4	2.9507+1.3257i	0.7454+0.2634i	-0.0946-0.0456i	2.9385+1.3304i	0.8333+0.2260i	-0.1788-0.0963i	0.4992+0.1717i	-0.1844+0.1290i
2.5	2.0062+0.4115i	0.7034+0.2092i	-0.0589-0.0116i	2.0250+0.4505i	0.7046+0.1324i	-0.1094-0.0331i	0.3368+0.0386i	-0.1300+0.1561i
2.6	1.3551+0.2272i	0.6400+0.1754i	-0.0341-0.0053i	1.3867+0.2680i	0.5968+0.0969i	-0.0612-0.0204i	0.2299+0.0187i	-0.1047+0.1565i
2.7	1.0866+0.1447i	0.6072+0.1380i	-0.0236-0.0015i	1.1246+0.1794i	0.5394+0.0640i	-0.0406-0.0145i	0.1843+0.0072i	-0.0761+0.1484i
2.8	0.9157+0.1167i	0.5709+0.1116i	-0.0153-0.0007i	0.9578+0.1467i	0.5023+0.0525i	-0.0243-0.0105i	0.1567+0.0054i	-0.0509+0.1413i
2.9	0.8011+0.1040i	0.5245+0.0978i	-0.0092-0.0010i	0.8397+0.1319i	0.4575+0.0429i	-0.0106-0.0089i	0.1406+0.0051i	-0.0513+0.1498i
3.0	0.7231+0.0759i	0.4944+0.0869i	-0.0050+0.0003i	0.7594+0.1004i	0.4359+0.0411i	-0.0003-0.0072i	0.1283+0.0010i	-0.0497+0.1523i
3.1	0.6631+0.0698i	0.4769+0.0806i	-0.0028+0.0003i	0.7002+0.0916i	0.4160+0.0374i	0.0081-0.0071i	0.1193+0.0007i	-0.0350+0.1482i
3.2	0.6179+0.0633i	0.4601+0.0709i	0.0011+0.0012i	0.6540+0.0826i	0.4023+0.0350i	0.0170-0.0061i	0.1112-0.0011i	-0.0267+0.1483i
3.3	0.5838+0.0565i	0.4440+0.0646i	0.0043+0.0009i	0.6191+0.0747i	0.3854+0.0311i	0.0248-0.0061i	0.1070-0.0004i	-0.0238+0.1468i
3.4	0.5532+0.0492i	0.4322+0.0559i	0.0071+0.0006i	0.5880+0.0635i	0.3764+0.0322i	0.0326-0.0042i	0.1045-0.0001i	-0.0154+0.1261i
3.5	0.5288+0.0465i	0.4220+0.0563i	0.0093+0.0007i	0.5632+0.0625i	0.3643+0.0277i	0.0399-0.0049i	0.1025-0.0006i	-0.0058+0.1466i
3.6	0.5071+0.0442i	0.4116+0.0518i	0.0116+0.0009i	0.5410+0.0578i	0.3546+0.0306i	0.0474-0.0043i	0.1016-0.0005i	-0.0020+0.1401i
3.7	0.4889+0.0403i	0.4044+0.0488i	0.0148+0.0013i	0.5221+0.0543i	0.3490+0.0266i	0.0555-0.0028i	0.1008-0.0014i	0.0152+0.1425i
3.8	0.4749+0.0402i	0.3980+0.0476i	0.0177+0.0010i	0.5083+0.0541i	0.3448+0.0245i	0.0627-0.0029i	0.1012-0.0018i	0.0323+0.1351i
3.9	0.4617+0.0401i	0.3903+0.0476i	0.0211+0.0010i	0.4944+0.0556i	0.3404+0.0239i	0.0712-0.0039i	0.1021-0.0018i	0.0300+0.1289i
4.0	0.4502+0.0380i	0.3900+0.0462i	0.0232+0.0011i	0.4851+0.0581i	0.3342+0.0207i	0.0782-0.0040i	0.1015-0.0016i	0.0519+0.1444i
4.1	0.4428+0.0360i	0.3861+0.0410i	0.0260+0.0016i	0.4815+0.0577i	0.3312+0.0191i	0.0855-0.0019i	0.1037-0.0024i	0.0677+0.1457i
4.2	0.4338+0.0359i	0.3795+0.0410i	0.0294+0.0018i	0.4786+0.0561i	0.3282+0.0178i	0.0944-0.0020i	0.1055-0.0024i	0.0908+0.1723i
4.3	0.4251+0.0370i	0.3742+0.0409i	0.0326+0.0018i	0.4714+0.0539i	0.3231+0.0220i	0.1054-0.0044i	0.1070-0.0026i	0.1172+0.1970i
4.4	0.4164+0.0385i	0.3705+0.0392i	0.0365+0.0020i	0.4622+0.0516i	0.3214+0.0224i	0.1162-0.0049i	0.1147-0.0042i	0.1475+0.1680i
4.5	0.4102+0.0379i	0.3681+0.0370i	0.0400+0.0019i	0.4566+0.0487i	0.3204+0.0203i	0.1266-0.0033i	0.1218-0.0037i	0.1691+0.1468i
4.6	0.4048+0.0372i	0.3636+0.0362i	0.0435+0.0025i	0.4509+0.0475i	0.3185+0.0236i	0.1372-0.0025i	0.1269-0.0040i	0.1844+0.1585i
4.7	0.4010+0.0388i	0.3602+0.0368i	0.0466+0.0022i	0.4476+0.0495i	0.3100+0.0214i	0.1489-0.0031i	0.1317-0.0071i	0.1964+0.1757i
4.8	0.3957+0.0391i	0.3596+0.0346i	0.0508+0.0024i	0.4428+0.0482i	0.3075+0.0208i	0.1607-0.0020i	0.1376-0.0092i	0.2329+0.1385i
4.9	0.3909+0.0399i	0.3550+0.0326i	0.0550+0.0016i	0.4379+0.0477i	0.3084+0.0246i	0.1742-0.0016i	0.1516-0.0124i	0.2441+0.1010i
5.0	0.3886+0.0428i	0.3491+0.0351i	0.0590+0.0019i	0.4355+0.0511i	0.3070+0.0218i	0.1903-0.0046i	0.1626-0.0178i	0.2553+0.1340i
5.1	0.3864+0.0453i	0.3477+0.0355i	0.0634+0.0006i	0.4323+0.0535i	0.3020+0.0224i	0.2040-0.0083i	0.1686-0.0293i	0.2450+0.1156i
5.2	0.3829+0.0496i	0.3460+0.0364i	0.0680-0.0004i	0.4319+0.0565i	0.3028+0.0249i	0.2204-0.0102i	0.1764-0.0436i	0.2461+0.0453i
5.3	0.3797+0.0537i	0.3433+0.0406i	0.0732+0.0000i	0.4312+0.0605i	0.2965+0.0333i	0.2384-0.0099i	0.1941-0.0569i	0.2665+0.0122i
5.4	0.3802+0.0607i	0.3425+0.0441i	0.0774-0.0007i	0.4300+0.0666i	0.2975+0.0306i	0.2572-0.0133i	0.2162-0.0773i	0.2577-0.0236i
5.5	0.3801+0.0703i	0.3434+0.0458i	0.0808-0.0022i	0.4331+0.0756i	0.3093+0.0428i	0.2724-0.0157i	0.2216-0.1114i	0.2671-0.1160i
5.6	0.3780+0.0767i	0.3475+0.0484i	0.0856-0.0034i	0.4335+0.0791i	0.3105+0.0489i	0.2929-0.0193i	0.2160-0.1503i	0.2389-0.2268i

5.7	0.3803+0.0853i	0.3515+0.0497i	0.0890-0.0049i	0.4375+0.0876i	0.3216+0.0494i	0.3168-0.0278i	0.2166-0.1893i	0.1274-0.2928i
5.8	0.3811+0.0977i	0.3524+0.0520i	0.0938-0.0047i	0.4400+0.1004i	0.3151+0.0456i	0.3385-0.0367i	0.2372-0.2309i	0.1001-0.2484i
5.9	0.3938+0.1158i	0.3567+0.0519i	0.0954-0.0067i	0.4545+0.1163i	0.3117+0.0441i	0.3576-0.0496i	0.1848-0.3100i	0.0379-0.2118i
6.0	0.4137+0.1220i	0.3572+0.0468i	0.0945-0.0053i	0.4771+0.1178i	0.3201+0.0363i	0.3723-0.0563i	0.1033-0.3455i	0.0010-0.1215i
6.1	0.4346+0.1266i	0.3573+0.0476i	0.0948+0.0005i	0.5021+0.1183i	0.3294+0.0422i	0.3908-0.0634i	0.0146-0.3397i	0.0453-0.0674i
6.2	0.4505+0.1250i	0.3584+0.0484i	0.0982+0.0062i	0.5183+0.1146i	0.3248+0.0498i	0.4072-0.0618i	-0.0408-0.3263i	0.0659-0.0744i
6.3	0.4605+0.1296i	0.3586+0.0478i	0.1023+0.0097i	0.5262+0.1200i	0.3219+0.0455i	0.4322-0.0655i	-0.0828-0.2885i	0.0093-0.0166i
6.4	0.4805+0.1321i	0.3673+0.0483i	0.1042+0.0143i	0.5499+0.1223i	0.3265+0.0431i	0.4680-0.0665i	-0.1152-0.2457i	-0.0618-0.0948i
6.5	0.5077+0.1329i	0.3728+0.0500i	0.0992+0.0183i	0.5834+0.1223i	0.3276+0.0392i	0.4971-0.0679i	-0.1422-0.2304i	0.0120-0.0300i
6.6	0.5389+0.1329i	0.3736+0.0430i	0.0888+0.0336i	0.6169+0.1195i	0.3344+0.0397i	0.5399-0.0712i	-0.1487-0.2008i	-0.0076+0.0089i
6.7	0.5649+0.1237i	0.3740+0.0391i	0.0792+0.0510i	0.6477+0.1082i	0.3468+0.0482i	0.5753-0.0789i	-0.1581-0.1906i	0.0063-0.0018i
6.8	0.6093+0.0999i	0.3731+0.0391i	0.0476+0.0889i	0.7002+0.0801i	0.3465+0.0509i	0.6312-0.0935i	-0.2004-0.1853i	0.0776+0.0500i
6.9	0.6829+0.0651i	0.3746+0.0365i	-0.0063+0.1833i	0.7855+0.0316i	0.3455+0.0519i	0.6791-0.1224i	-0.2722-0.1357i	0.1269+0.1373i
7.0	0.7480+0.0000i	0.3742+0.0346i	-0.0676+0.3732i	0.8662-0.0577i	0.3446+0.0547i	0.7352-0.1500i	-0.3776-0.0362i	0.2384+0.2032i
7.1	0.7371-0.1575i	0.3693+0.0290i	0.1056+0.6653i	0.8404-0.2537i	0.3479+0.0471i	0.7726-0.1801i	-0.3839+0.2037i	0.3268+0.1555i
7.2	0.5584-0.2792i	0.3668+0.0335i	0.6316+0.7643i	0.6077-0.3889i	0.3567+0.0471i	0.8116-0.1938i	-0.1152+0.4573i	0.3191-0.1947i
7.3	0.4149-0.2353i	0.3678+0.0321i	0.9523+0.5344i	0.4366-0.3256i	0.3675+0.0377i	0.9023-0.2200i	0.2243+0.3900i	0.1811-0.2941i
7.4	0.3563-0.1677i	0.3635+0.0294i	1.0724+0.3193i	0.3669-0.2418i	0.3654+0.0308i	0.9407-0.2644i	0.3581+0.1900i	0.0475-0.2889i
7.5	0.3550-0.0519i	0.3611+0.0383i	1.0891+0.0638i	0.3664-0.0931i	0.3658+0.0345i	0.9984-0.2665i	0.3036-0.0116i	-0.0740-0.1781i
7.6	0.3892-0.0012i	0.3632+0.0443i	1.0708-0.0467i	0.4093-0.0323i	0.3642+0.0398i	1.0760-0.2857i	0.2508-0.0663i	-0.0478-0.1139i
7.7	0.4516+0.0107i	0.3697+0.0420i	1.0607-0.1343i	0.4875-0.0204i	0.3648+0.0534i	1.2260-0.3704i	0.2150-0.1049i	-0.0595-0.1359i
7.8	0.4874+0.0126i	0.3745+0.0409i	1.0873-0.2042i	0.5274-0.0221i	0.3723+0.0472i	1.3080-0.4753i	0.2142-0.1456i	-0.0346-0.0654i
7.9	0.5016+0.0111i	0.3757+0.0438i	1.1090-0.2704i	0.5443-0.0269i	0.3773+0.0459i	1.3445-0.5729i	0.2110-0.1941i	0.0966-0.1318i
8.0	0.5147+0.0239i	0.3770+0.0444i	1.1581-0.3552i	0.5636-0.0094i	0.3778+0.0532i	1.4184-0.6512i	0.1746-0.2774i	-0.0132-0.2223i
8.1	0.5270+0.0215i	0.3779+0.0432i	1.2197-0.4342i	0.5819-0.0124i	0.3734+0.0481i	1.5160-0.7419i	0.1134-0.3279i	-0.1644-0.1729i
8.2	0.5358+0.0177i	0.3771+0.0457i	1.2614-0.4759i	0.5954-0.0156i	0.3794+0.0417i	1.5761-0.7843i	0.0747-0.3409i	-0.0811-0.1565i
8.3	0.5867+0.0139i	0.3768+0.0422i	1.4061-0.5592i	0.6585-0.0178i	0.3915+0.0439i	1.8101-0.8675i	-0.0009-0.3524i	0.0003-0.1880i
8.4	0.6293+0.0082i	0.3785+0.0418i	1.5166-0.6519i	0.7071-0.0288i	0.3993+0.0402i	1.9896-0.9807i	-0.0854-0.3559i	-0.0456-0.0983i
8.5	0.6821-0.0109i	0.3819+0.0415i	1.7488-0.8068i	0.7723-0.0553i	0.4039+0.0237i	2.3314-1.1804i	-0.1636-0.3393i	-0.0854-0.0054i
8.6	0.7229-0.0600i	0.3798+0.0359i	1.8717-1.0881i	0.8223-0.1203i	0.4100+0.0330i	2.5190-1.5759i	-0.2209-0.2867i	-0.0156-0.0491i
8.7	0.7419-0.1093i	0.3637+0.0390i	2.0027-1.3431i	0.8476-0.1813i	0.3915+0.0291i	2.6966-1.9232i	-0.2720-0.2046i	-0.0268-0.0365i
8.8	0.7791-0.1502i	0.3576+0.0474i	2.1394-1.6497i	0.8881-0.2308i	0.3923+0.0258i	2.8871-2.3314i	-0.2913-0.1316i	-0.0300-0.0532i
8.9	0.8376-0.2461i	0.3641+0.0560i	2.3861-2.3242i	0.9572-0.3586i	0.4038+0.0230i	3.2293-3.2337i	-0.3314-0.0282i	-0.4709-0.0664i
9.0	0.8557-0.3891i	0.3642+0.0505i	2.3089-3.2087i	0.9708-0.5382i	0.4059+0.0038i	3.1322-4.4208i	-0.2330+0.1227i	-0.6262+0.5041i
9.1	0.7755-0.4726i	0.3517+0.0487i	1.8254-3.7245i	0.8726-0.6418i	0.3783+0.0031i	2.4691-5.1022i	-0.0400+0.0562i	-0.0424+0.7501i
9.2	0.7663-0.6121i	0.3316+0.0663i	1.6658-4.7825i	0.8596-0.8285i	0.3660+0.0105i	2.2659-6.4784i	-0.1468-0.0462i	0.3269+0.4632i
9.3	0.5332-0.8857i	0.3181+0.0942i	-0.2245-6.4521i	0.5455-1.1689i	0.3545+0.0169i	-0.2375-8.6839i	-0.2150+0.0723i	0.3851+0.4863i
9.4	0.1705-0.8406i	0.3194+0.1283i	-2.6736-5.8695i	0.0820-1.0922i	0.3312+0.0521i	-3.4781-7.8766i	-0.1349+0.1571i	0.5066+0.4507i
9.5	0.0102-0.6188i	0.3300+0.1616i	-3.6382-4.1967i	-0.1162-0.7948i	0.3272+0.0905i	-4.7238-5.6270i	-0.0368+0.1395i	0.8115+0.2361i
9.6	-0.0228-0.4199i	0.3451+0.1845i	-3.7855-2.8566i	-0.1517-0.5408i	0.3447+0.1266i	-4.8799-3.8360i	0.0176+0.1078i	0.8885+0.0383i
9.7	0.0193-0.2549i	0.3683+0.2177i	-3.4791-1.8250i	-0.0915-0.3357i	0.3599+0.1646i	-4.4209-2.4655i	0.0469+0.0563i	0.9133-0.2690i
9.8	0.0551-0.1969i	0.3808+0.2341i	-3.2141-1.4534i	-0.0401-0.2623i	0.3894+0.1914i	-4.0438-1.9737i	0.0532+0.0283i	0.8137-0.3837i
9.9	0.1126-0.1382i	0.4089+0.2513i	-2.8716-1.0687i	0.0347-0.1865i	0.4244+0.2182i	-3.5504-1.4696i	0.0460+0.0024i	0.6305-0.5444i
10.0	0.1575-0.1055i	0.4322+0.2757i	-2.6557-0.8799i	0.0899-0.1477i	0.4449+0.2306i	-3.2280-1.2307i	0.0408-0.0131i	0.6912-0.7193i
10.1	0.1856-0.0826i	0.4480+0.3006i	-2.4914-0.7434i	0.1286-0.1230i	0.4735+0.2486i	-2.9769-1.0554i	0.0367-0.0259i	0.6510-0.7305i
10.2	0.2223-0.0655i	0.4991+0.3131i	-2.2898-0.6529i	0.1744-0.1034i	0.5236+0.2674i	-2.6745-0.9478i	0.0330-0.0403i	0.3242-0.6939i
10.3	0.2495-0.0566i	0.5426+0.3291i	-2.1973-0.6313i	0.2097-0.0934i	0.5538+0.2737i	-2.5215-0.9294i	0.0281-0.0458i	0.3694-0.7394i
10.4	0.2681-0.0402i	0.5909+0.3400i	-2.1460-0.5966i	0.2356-0.0797i	0.5977+0.2880i	-2.4132-0.8899i	0.0116-0.0616i	0.2560-0.8911i
10.5	0.2802-0.0344i	0.6284+0.3346i	-2.1465-0.5532i	0.2507-0.0727i	0.6428+0.2811i	-2.3790-0.8467i	0.0131-0.0685i	0.3046-0.7914i
10.6	0.3020-0.0311i	0.6691+0.3181i	-2.1300-0.4636i	0.2748-0.0682i	0.6915+0.2586i	-2.3154-0.7539i	0.0140-0.0604i	0.4059-0.8315i
10.7	0.3159-0.0239i	0.7041+0.3219i	-2.0890-0.3571i	0.2954-0.0549i	0.7185+0.2619i	-2.2214-0.6384i	-0.0092-0.0481i	0.2527-0.9569i
10.8	0.3329-0.0161i	0.7394+0.3054i	-2.0520-0.2717i	0.3161-0.0467i	0.7454+0.2657i	-2.1332-0.5574i	-0.0134-0.0518i	0.2365-1.4419i
10.9	0.3490-0.0045i	0.7712+0.2863i	-2.0100-0.2268i	0.3374-0.0355i	0.7800+0.2524i	-2.0398-0.5152i	-0.0052-0.0411i	0.1749-1.6167i
11.0	0.3638-0.0020i	0.8008+0.2694i	-1.9574-0.1983i	0.3627-0.0331i	0.8000+0.2187i	-1.9249-0.5020i	0.0003-0.0445i	-0.0390-1.8576i
11.1	0.3856+0.0050i	0.8312+0.2539i	-1.9381-0.1743i	0.3931-0.0308i	0.8353+0.2078i	-1.8587-0.5231i	0.0025-0.0486i	-0.3765-2.2219i
11.2	0.4017+0.0047i	0.8435+0.2356i	-1.9372-0.1545i	0.4140-0.0314i	0.8612+0.1969i	-1.8322-0.5188i	0.0025-0.0392i	-0.7448-2.0278i
11.3	0.4236+0.0167i	0.8606+0.2184i	-1.9444-0.1448i	0.4392-0.0195i	0.8754+0.1774i	-1.7885-0.5205i	-0.0110-0.0346i	-1.2458-1.6070i
11.4	0.4522+0.0262i	0.8955+0.2159i	-1.9749-0.1177i	0.4732-0.0191i	0.9142+0.1731i	-1.7822-0.5326i	-0.0042-0.0227i	-1.7885-1.9074i
11.5	0.4682+0.0243i	0.9203+0.2080i	-2.0007-0.0658i	0.4958-0.0257i	0.9430+0.1669i	-1.7727-0.4982i	0.0022-0.0189i	-2.1217-1.7200i
11.6	0.4866+0.0234i	0.9244+0.1869i	-2.0037-0.0190i	0.5283-0.0295i	0.9625+0.1591i	-1.7198-0.4811i	0.0144-0.0132i	-2.0880-1.2403i
11.7	0.5097+0.0310i	0.9303+0.1860i	-2.0416+0.0022i	0.5605-0.0341i	0.9756+0.1754i	-1.7213-0.4868i	0.0299-0.0071i	-2.3507-0.9479i
11.8	0.5392+0.0268i	0.9410+0.1954i	-2.0899+0.0628i	0.5914-0.0484i	1.0149+0.1848i	-1.7161-0.4342i	0.0386-0.0092i	-2.5714-0.7509i
11.9	0.5634+0.0162i	0.9522+0.2158i	-2.0910+0.1473i	0.6253-0.0702i	1.0295+0.2112i	-1.6175-0.3671i	0.0432-0.0098i	-2.7992-0.2740i

12.0	0.5783+0.0197i	0.9626+0.2449i	-2.1094+0.1660i	0.6565-0.0796i	1.0342+0.2459i	-1.5396-0.3674i	0.0518-0.0037i	-2.8788-0.0371i
12.1	0.5940+0.0221i	0.9966+0.2908i	-2.1459+0.2286i	0.6857-0.1066i	1.0900+0.2756i	-1.4355-0.3767i	0.0690+0.0011i	-3.1896+0.2265i
12.2	0.6030+0.0345i	1.0267+0.3516i	-2.1500+0.2615i	0.7058-0.1240i	1.1429+0.3396i	-1.3253-0.4464i	0.0902-0.0031i	-3.3829+0.7625i
12.3	0.6243+0.0533i	1.0593+0.4426i	-2.1867+0.2582i	0.7341-0.1432i	1.2144+0.4402i	-1.2447-0.5342i	0.0973-0.0182i	-3.6842+1.1547i
12.4	0.6583+0.0755i	1.1685+0.5741i	-2.2610+0.2904i	0.7623-0.1807i	1.3540+0.5838i	-1.2042-0.6776i	0.1252-0.0258i	-3.5741+1.5197i
12.5	0.7095+0.1115i	1.3392+0.7570i	-2.4021+0.3354i	0.8008-0.2292i	1.5632+0.7874i	-1.1581-0.8783i	0.1471-0.0447i	-3.9538+2.3824i
12.6	0.7894+0.1599i	1.6292+1.0122i	-2.5818+0.4065i	0.8338-0.2840i	1.8967+1.0314i	-1.1512-1.0989i	0.1705-0.0328i	-4.5213+3.5440i
12.7	0.8939+0.1894i	2.0471+1.1421i	-2.7216+0.5161i	0.8378-0.3222i	2.3985+1.1300i	-1.2225-1.3197i	0.1951-0.0368i	-4.6544+4.8172i
12.8	1.0240+0.1927i	2.6161+1.1638i	-2.8677+0.6727i	0.8345-0.3607i	3.0494+1.1203i	-1.3674-1.5259i	0.2355-0.0885i	-4.3907+6.1483i
12.9	1.1685+0.1716i	3.2748+0.9971i	-3.0473+0.8443i	0.8324-0.3858i	3.7873+0.9108i	-1.6144-1.7063i	0.3083-0.1659i	-3.3381+7.7115i
13.0	1.3528+0.0899i	4.0682+0.5364i	-3.2849+1.1233i	0.8431-0.4022i	4.6813+0.3482i	-1.9220-1.8265i	0.3465-0.2070i	-1.5902+9.3026i
13.1	1.4976-0.0078i	4.6422+0.0060i	-3.5032+1.3932i	0.8694-0.4194i	5.3255-0.3221i	-2.0999-1.8781i	0.3908-0.2546i	-0.7066+9.8755i
13.2	1.6850-0.2006i	5.3904-1.0421i	-3.7575+2.0254i	0.9252-0.4571i	6.1246-1.5579i	-2.2702-2.0151i	0.4606-0.2982i	2.8711+11.1641i
13.3	1.8578-0.3818i	6.0177-2.1251i	-3.9592+2.6913i	0.9901-0.5030i	6.7957-2.8718i	-2.3788-2.2202i	0.5405-0.4946i	4.9320+12.2069i
13.4	1.9719-0.8110i	5.9609-4.6221i	-3.5570+4.0633i	1.0743-0.5904i	6.5593-5.8186i	-2.9160-2.7478i	0.3872-0.7909i	11.1928+11.4875i
13.5	1.9395-1.2942i	4.8979-7.0661i	-2.6745+5.0984i	1.1315-0.7686i	5.1785-8.5591i	-3.9236-3.3110i	0.1535-0.9483i	18.8705+5.3103i
13.6	1.4671-1.5984i	1.4617-8.1133i	-0.8509+5.0659i	1.0342-0.9231i	1.1029-9.5624i	-5.5066-2.9834i	-0.0438-1.0189i	17.5849-4.6745i
13.7	1.0757-1.6316i	-1.3171-7.6167i	0.3865+4.3841i	0.9236-0.9608i	-2.0692-8.8252i	-6.8219-2.0595i	-0.1645-0.9109i	13.8230-10.6043i
13.8	0.8645-1.3624i	-3.2187-5.3371i	0.8919+3.0035i	0.9171-0.8824i	-4.1297-6.0908i	-7.4862-0.4584i	-0.3693-0.7574i	6.8777-13.4034i
13.9	0.9431-1.2940i	-3.4612-4.1079i	0.6386+2.4648i	1.0307-0.9140i	-4.3201-4.6413i	-7.6701+0.4660i	-0.4471-0.7001i	3.4629-11.8165i
14.0	1.1223-1.3315i	-3.4121-2.8947i	0.1560+2.0703i	1.2168-1.0495i	-4.1938-3.2424i	-7.8944+1.6401i	-0.4710-0.5944i	0.1203-10.3882i
14.1	1.3416-1.5365i	-3.3490-2.0604i	-0.2766+2.0184i	1.4318-1.3185i	-4.0792-2.2886i	-8.2577+2.8719i	-0.4901-0.5842i	-2.4449-9.0248i
14.2	1.3954-2.1517i	-3.0161-1.1798i	-0.6863+2.4388i	1.4581-1.9952i	-3.6711-1.3098i	-8.0068+5.1452i	-0.4927-0.5719i	-5.1267-7.1610i
14.3	0.9995-2.7611i	-2.5698-0.6463i	-0.5919+3.0112i	1.0374-2.6302i	-3.1493-0.7162i	-6.6963+7.0954i	-0.5417-0.5641i	-5.0239-4.9386i
14.4	0.1047-3.0105i	-1.9929-0.2757i	-0.0183+3.3675i	0.1100-2.8879i	-2.4628-0.3000i	-4.1060+8.1448i	-0.6485-0.5474i	-4.5243-2.4402i
14.5	-0.7730-2.7605i	-1.4729-0.2055i	0.6203+3.3236i	-0.7963-2.6313i	-1.8555-0.2464i	-1.6545+7.7834i	-0.7903-0.4775i	-3.7782-1.0617i
14.6	-1.2423-2.1350i	-1.1402-0.2592i	0.9529+3.0892i	-1.2703-1.9866i	-1.4667-0.3435i	-0.2126+6.7096i	-0.8905-0.3260i	-3.8502-0.1937i
14.7	-1.3700-1.6682i	-0.9978-0.3085i	1.2164+2.9922i	-1.3842-1.4969i	-1.3083-0.4077i	0.5126+6.0797i	-0.9181-0.1840i	-3.4464+0.7720i
14.8	-1.3200-1.3345i	-0.9321-0.3550i	1.5595+2.7953i	-1.3064-1.1625i	-1.2508-0.4699i	1.1090+5.4713i	-0.8964-0.1014i	-2.2166+1.4112i
14.9	-1.2706-1.0465i	-0.8848-0.3529i	1.8767+2.4436i	-1.2323-0.8938i	-1.1960-0.4643i	1.7697+4.7161i	-0.8933-0.0171i	-1.0593+1.4216i
15.0	-1.1749-0.8125i	-0.8380-0.3217i	2.0914+1.9911i	-1.1237-0.6807i	-1.1339-0.4184i	2.2886+3.7800i	-0.8525+0.0947i	-0.4811+0.9896i
15.1	-1.1147-0.6387i	-0.8013-0.2873i	2.1922+1.5882i	-1.0522-0.5229i	-1.1101-0.3754i	2.5301+2.9399i	-0.8191+0.1753i	-0.1578+0.7694i
15.2	-1.0057-0.5197i	-0.7588-0.2555i	2.0841+1.2284i	-0.9416-0.4204i	-1.0665-0.3315i	2.3240+2.2146i	-0.7552+0.2345i	-0.1333+0.3793i
15.3	-0.9057-0.4392i	-0.7107-0.2359i	1.9193+0.9838i	-0.8467-0.3506i	-1.0073-0.3075i	2.0370+1.7382i	-0.7404+0.2749i	-0.0284+0.1950i
15.4	-0.8024-0.3717i	-0.6504-0.2148i	1.7318+0.7779i	-0.7516-0.2907i	-0.9393-0.2822i	1.7250+1.3377i	-0.7188+0.3180i	-0.0183+0.0833i
15.5	-0.7269-0.3048i	-0.6094-0.1881i	1.5942+0.6104i	-0.6774-0.2284i	-0.8891-0.2592i	1.4881+1.0138i	-0.7093+0.3896i	-0.1491+0.0165i
15.6	-0.6678-0.2781i	-0.5743-0.1780i	1.4813+0.5436i	-0.6220-0.2044i	-0.8472-0.2504i	1.2835+0.8694i	-0.6145+0.4690i	-0.1835-0.0140i
15.7	-0.6194-0.2545i	-0.5400-0.1684i	1.3813+0.4845i	-0.5785-0.1847i	-0.8087-0.2336i	1.0975+0.7622i	-0.5336+0.4536i	-0.1705-0.0201i
15.8	-0.5696-0.2271i	-0.5120-0.1558i	1.2778+0.4178i	-0.5317-0.1612i	-0.7761-0.2150i	0.9143+0.6469i	-0.6050+0.4037i	-0.1861+0.0120i
15.9	-0.5171-0.2095i	-0.4774-0.1456i	1.1820+0.3784i	-0.4775-0.1428i	-0.7436-0.2054i	0.7433+0.5792i	-0.6254+0.5092i	-0.1577+0.0660i
16.0	-0.4710-0.1985i	-0.4488-0.1349i	1.1259+0.3521i	-0.4278-0.1295i	-0.7161-0.1955i	0.6247+0.5325i	-0.6172+0.6495i	-0.0916+0.1206i
16.1	-0.4409-0.1883i	-0.4202-0.1222i	1.0914+0.3046i	-0.3934-0.1218i	-0.6847-0.1776i	0.5379+0.4976i	-0.5880+0.8625i	0.0729+0.2259i
16.2	-0.4163-0.1861i	-0.3980-0.1187i	1.0385+0.2264i	-0.3658-0.1281i	-0.6587-0.1702i	0.4411+0.4574i	-0.2966+0.9783i	0.1727+0.1006i
16.3	-0.3953-0.1720i	-0.3838-0.1130i	0.9584+0.1509i	-0.3421-0.1194i	-0.6439-0.1656i	0.3417+0.4254i	0.0372+0.9029i	0.1940-0.0789i
16.4	-0.3802-0.1589i	-0.3744-0.1040i	0.8793+0.1238i	-0.3264-0.1116i	-0.6344-0.1489i	0.2804+0.4368i	0.1864+0.7172i	0.1631-0.1512i
16.5	-0.3539-0.1454i	-0.3554-0.0893i	0.7704+0.0961i	-0.3040-0.1062i	-0.6144-0.1220i	0.2069+0.4537i	0.1842+0.5105i	0.1530-0.2437i
16.6	-0.3349-0.1380i	-0.3392-0.0805i	0.6964+0.1112i	-0.2890-0.1002i	-0.5966-0.1119i	0.1751+0.4767i	0.1158+0.4499i	0.1131-0.3474i
16.7	-0.3166-0.1332i	-0.3245-0.0739i	0.6596+0.1384i	-0.2711-0.0932i	-0.5768-0.1004i	0.1807+0.4901i	0.1157+0.4834i	-0.0012-0.4344i
16.8	-0.2996-0.1233i	-0.3062-0.0590i	0.6392+0.1573i	-0.2501-0.0908i	-0.5541-0.0687i	0.1904+0.4501i	0.2123+0.4452i	-0.0498-0.3683i
16.9	-0.2880-0.1157i	-0.2870-0.0380i	0.6177+0.1271i	-0.2394-0.0912i	-0.5306-0.0385i	0.1726+0.3977i	0.2517+0.3081i	-0.1012-0.3226i
17.0	-0.2703-0.1149i	-0.2648-0.0331i	0.5653+0.1086i	-0.2302-0.0940i	-0.4970-0.0316i	0.1440+0.3899i	0.1679+0.1986i	-0.1282-0.3214i
17.1	-0.2554-0.1106i	-0.2414-0.0279i	0.4934+0.1227i	-0.2211-0.0889i	-0.4663-0.0237i	0.1226+0.3687i	0.0878+0.2344i	-0.1921-0.3681i
17.2	-0.2426-0.1078i	-0.2150-0.0243i	0.4526+0.1804i	-0.2118-0.0838i	-0.4331-0.0246i	0.0785+0.3471i	0.0907+0.2893i	-0.2132-0.3694i
17.3	-0.2363-0.1029i	-0.1992-0.0278i	0.4824+0.2103i	-0.2047-0.0777i	-0.4102-0.0282i	0.0505+0.3414i	0.1283+0.2464i	-0.2794-0.3188i
17.4	-0.2321-0.1008i	-0.1909-0.0289i	0.4962+0.2079i	-0.1989-0.0743i	-0.3965-0.0307i	0.0494+0.3366i	0.1170+0.2044i	-0.3876-0.2620i
17.5	-0.2257-0.0927i	-0.1825-0.0275i	0.5039+0.1932i	-0.1934-0.0653i	-0.3829-0.0299i	0.0435+0.3177i	0.0954+0.1910i	-0.4699-0.1893i
17.6	-0.2183-0.0884i	-0.1728-0.0296i	0.5056+0.1784i	-0.1851-0.0605i	-0.3775-0.0289i	0.0162+0.3085i	0.0791+0.2058i	-0.4590-0.1135i
17.7	-0.2102-0.0794i	-0.1592-0.0264i	0.5109+0.1505i	-0.1760-0.0515i	-0.3621-0.0271i	-0.0127+0.3118i	0.0766+0.2142i	-0.4147-0.0631i
17.8	-0.2016-0.0676i	-0.1493-0.0242i	0.4986+0.1107i	-0.1657-0.0402i	-0.3526-0.0164i	-0.0214+0.3378i	0.1067+0.2106i	-0.4229-0.0027i
17.9	-0.1925-0.0584i	-0.1382-0.0206i	0.4639+0.0759i	-0.1566-0.0300i	-0.3294-0.0085i	-0.0030+0.3549i	0.1237+0.2261i	-0.4017+0.0948i
18.0	-0.1833-0.0494i	-0.1304-0.0190i	0.4347+0.0714i	-0.1460-0.0212i	-0.3198-0.0052i	0.0282+0.3624i	0.1409+0.2347i	-0.3220+0.1271i
18.1	-0.1716-0.0440i	-0.1204-0.0176i	0.4119+0.0676i	-0.1325-0.0181i	-0.3073-0.0060i	0.0529+0.3157i	0.1926+0.2075i	-0.2716+0.1151i
18.2	-0.1616-0.0360i	-0.1098-0.0133i	0.3933+0.0554i	-0.1203-0.0142i	-0.2842+0.0004i	0.0465+0.2611i	0.1976+0.1633i	-0.2276+0.1405i

18.3	-0.1478-0.0284i	-0.0977-0.0097i	0.3758+0.0377i	-0.1040-0.0112i	-0.2757+0.0068i	0.0030+0.2044i	0.1846+0.1131i	-0.1982+0.1496i
18.4	-0.1339-0.0260i	-0.0871-0.0076i	0.3596+0.0080i	-0.0892-0.0132i	-0.2597+0.0155i	-0.0475+0.1672i	0.1935+0.0932i	-0.1682+0.0862i
18.5	-0.1195-0.0331i	-0.0740-0.0060i	0.3006-0.0278i	-0.0786-0.0261i	-0.2449+0.0126i	-0.1416+0.1791i	0.1836+0.0511i	-0.1672+0.0978i
18.6	-0.1194-0.0379i	-0.0687-0.0112i	0.2238-0.0189i	-0.0844-0.0362i	-0.2416+0.0122i	-0.2088+0.2776i	0.1555+0.0613i	-0.1603+0.1168i
18.7	-0.1203-0.0323i	-0.0722-0.0135i	0.1803+0.0417i	-0.0926-0.0280i	-0.2345+0.0294i	-0.1457+0.3570i	0.1204+0.0635i	-0.1373+0.1285i
18.8	-0.1105-0.0207i	-0.0660-0.0093i	0.1842+0.0965i	-0.0859-0.0106i	-0.2103+0.0304i	-0.0551+0.3285i	0.0995+0.0551i	-0.1227+0.1355i
18.9	-0.1016-0.0146i	-0.0569-0.0067i	0.1776+0.1274i	-0.0776-0.0008i	-0.1902+0.0233i	-0.0386+0.3161i	0.0793+0.0490i	-0.0829+0.1525i
19.0	-0.0880-0.0118i	-0.0449+0.0041i	0.1780+0.1422i	-0.0652+0.0021i	-0.1566+0.0276i	-0.0093+0.2936i	0.1079+0.0425i	-0.0527+0.1358i
19.1	-0.0770-0.0123i	-0.0379+0.0047i	0.1872+0.1547i	-0.0543+0.0048i	-0.1537+0.0264i	-0.0032+0.2638i	0.0926+0.0384i	-0.0443+0.1061i
19.2	-0.0678-0.0113i	-0.0311-0.0013i	0.1946+0.1728i	-0.0451+0.0081i	-0.1405+0.0163i	-0.0005+0.2518i	0.0763+0.0430i	-0.0320+0.0879i
19.3	-0.0580-0.0107i	-0.0128+0.0017i	0.1920+0.1747i	-0.0373+0.0098i	-0.1138+0.0133i	-0.0091+0.2239i	0.0565+0.0298i	-0.0194+0.0772i
19.4	-0.0519-0.0075i	-0.0030+0.0034i	0.1930+0.1776i	-0.0316+0.0124i	-0.1003+0.0125i	-0.0131+0.2053i	0.0459+0.0481i	-0.0255+0.0557i
19.5	-0.0469-0.0046i	0.0006+0.0023i	0.2149+0.1782i	-0.0249+0.0140i	-0.0824+0.0131i	-0.0059+0.1934i	0.0708+0.0622i	-0.0243+0.0415i
19.6	-0.0400-0.0044i	0.0057-0.0007i	0.2227+0.1802i	-0.0170+0.0163i	-0.0768+0.0020i	-0.0098+0.1728i	0.0745+0.0542i	-0.0237+0.0391i
19.7	-0.0307-0.0056i	0.0019-0.0032i	0.2230+0.1656i	-0.0076+0.0124i	-0.0790-0.0050i	-0.0161+0.1537i	0.0758+0.0446i	-0.0255+0.0464i
19.8	-0.0229-0.0057i	0.0090-0.0049i	0.2140+0.1549i	0.0015+0.0095i	-0.0750+0.0018i	-0.0298+0.1334i	0.0634+0.0292i	-0.0173+0.0376i
19.9	-0.0188-0.0060i	0.0231-0.0021i	0.2186+0.1435i	0.0070+0.0125i	-0.0588+0.0007i	-0.0361+0.1097i	0.0672+0.0214i	-0.0141+0.0287i
20.0	-0.0131-0.0057i	0.0293-0.0083i	0.2038+0.1428i	0.0104+0.0127i	-0.0317-0.0014i	-0.0501+0.1097i	0.0515+0.0167i	-0.0130+0.0150i
20.1	-0.0050-0.0058i	0.0334-0.0024i	0.2066+0.1349i	0.0186+0.0125i	-0.0233-0.0154i	-0.0652+0.1011i	0.0689+0.0206i	-0.0220+0.0094i
20.2	0.0004-0.0069i	0.0255+0.0037i	0.2051+0.1392i	0.0204+0.0141i	-0.0165-0.0179i	-0.0744+0.0981i	0.0703+0.0118i	-0.0166+0.0106i
20.3	0.0049-0.0095i	0.0316-0.0005i	0.2043+0.1524i	0.0254+0.0146i	-0.0150-0.0244i	-0.0825+0.1078i	0.0563+0.0103i	-0.0176+0.0210i
20.4	0.0109-0.0095i	0.0448+0.0050i	0.2003+0.1452i	0.0319+0.0148i	0.0103-0.0274i	-0.0815+0.1145i	0.0398+0.0004i	-0.0097+0.0326i
20.5	0.0162-0.0089i	0.0425+0.0158i	0.2027+0.1370i	0.0358+0.0152i	0.0304-0.0331i	-0.0767+0.1173i	0.0360+0.0017i	0.0024+0.0238i
20.6	0.0188-0.0117i	0.0345+0.0149i	0.2164+0.1264i	0.0380+0.0125i	0.0440-0.0335i	-0.0675+0.1108i	0.0487+0.0098i	-0.0011+0.0191i
20.7	0.0246-0.0122i	0.0471-0.0024i	0.2028+0.1154i	0.0394+0.0055i	0.0716-0.0293i	-0.0720+0.1104i	0.0425-0.0009i	0.0070+0.0188i
20.8	0.0294-0.0124i	0.0495-0.0158i	0.1854+0.1120i	0.0386+0.0017i	0.0871-0.0374i	-0.0742+0.1152i	0.0465-0.0069i	0.0118+0.0089i
20.9	0.0313-0.0139i	0.0580+0.0117i	0.1744+0.1067i	0.0441+0.0078i	0.0958-0.0569i	-0.0662+0.1097i	0.0303+0.0049i	0.0061+0.0001i
21.0	0.0376-0.0196i	0.0364+0.0547i	0.1728+0.1100i	0.0395+0.0215i	0.1046-0.1034i	-0.0584+0.1003i	0.0181+0.0105i	0.0194-0.0049i
21.1	0.0425-0.0193i	0.0391+0.0470i	0.1620+0.1039i	0.0409+0.0224i	0.1297-0.1176i	-0.0513+0.0849i	0.0329-0.0066i	0.0195-0.0038i
21.2	0.0423-0.0198i	0.0654+0.0436i	0.1574+0.1121i	0.0457+0.0237i	0.1402-0.1282i	-0.0537+0.0838i	0.0341+0.0005i	0.0216-0.0210i
21.3	0.0401-0.0206i	0.0845+0.0645i	0.1409+0.1165i	0.0515+0.0311i	0.1280-0.1456i	-0.0644+0.0995i	0.0127-0.0043i	0.0151-0.0274i
21.4	0.0421-0.0235i	0.1136+0.0770i	0.1303+0.1082i	0.0624+0.0315i	0.1183-0.1677i	-0.0777+0.0810i	0.0187-0.0167i	0.0053-0.0268i
21.5	0.0448-0.0213i	0.1233+0.0779i	0.1400+0.1087i	0.0646+0.0376i	0.1333-0.1765i	-0.0457+0.0714i	0.0158-0.0186i	0.0124-0.0394i
21.6	0.0465-0.0195i	0.1366+0.0663i	0.1393+0.1123i	0.0664+0.0393i	0.1562-0.1875i	-0.0345+0.0767i	0.0189-0.0229i	0.0136-0.0396i
21.7	0.0497-0.0157i	0.1832+0.0595i	0.1299+0.1089i	0.0798+0.0353i	0.1621-0.1717i	-0.0311+0.0718i	0.0071-0.0131i	0.0023-0.0345i
21.8	0.0529-0.0126i	0.2044+0.0598i	0.1317+0.1029i	0.0879+0.0415i	0.1579-0.2003i	-0.0177+0.0437i	-0.0045-0.0082i	-0.0019-0.0425i
21.9	0.0537-0.0113i	0.2167+0.0603i	0.1380+0.0926i	0.0906+0.0457i	0.1659-0.2104i	0.0073+0.0250i	0.0037+0.0062i	-0.0068-0.0481i
22.0	0.0552-0.0094i	0.2430+0.0421i	0.1295+0.0861i	0.0879+0.0436i	0.2205-0.2016i	0.0328+0.0196i	-0.0053+0.0081i	0.0027-0.0476i
22.1	0.0644-0.0094i	0.2609+0.0187i	0.1124+0.0863i	0.0896+0.0471i	0.2762-0.2689i	0.0480-0.0191i	-0.0005+0.0138i	0.0046-0.0453i
22.2	0.0714-0.0121i	0.2818-0.0042i	0.1001+0.0853i	0.0958+0.0543i	0.3067-0.3358i	0.0567-0.0495i	0.0087+0.0159i	0.0118-0.0588i
22.3	0.0723-0.0106i	0.2995-0.0125i	0.0948+0.0820i	0.1021+0.0613i	0.3025-0.3646i	0.0698-0.0619i	0.0024+0.0033i	0.0143-0.0653i
22.4	0.0743-0.0133i	0.3058-0.0409i	0.0939+0.0757i	0.1145+0.0665i	0.2682-0.4431i	0.0555-0.1223i	-0.0057+0.0134i	0.0047-0.0726i
22.5	0.0784-0.0182i	0.3091-0.0843i	0.0983+0.1009i	0.1162+0.0722i	0.2959-0.5414i	0.0734-0.1490i	-0.0286-0.0022i	0.0088-0.0774i
22.6	0.0825-0.0210i	0.3261-0.1448i	0.0841+0.1100i	0.1183+0.0825i	0.3320-0.6870i	0.0881-0.2078i	-0.0336-0.0025i	0.0143-0.1025i
22.7	0.0842-0.0238i	0.3182-0.1958i	0.0774+0.1084i	0.1253+0.0899i	0.2900-0.8056i	0.0646-0.2641i	-0.0087+0.0067i	0.0079-0.1218i
22.8	0.0789-0.0270i	0.2807-0.2194i	0.0896+0.1042i	0.1342+0.0950i	0.1720-0.8749i	0.0293-0.3041i	-0.0117+0.0111i	-0.0029-0.1296i
22.9	0.0738-0.0266i	0.2301-0.2284i	0.0987+0.0953i	0.1562+0.0984i	-0.0094-0.8912i	-0.0288-0.3175i	-0.0261+0.0050i	-0.0246-0.1331i
23.0	0.0699-0.0249i	0.1697-0.2150i	0.1023+0.1029i	0.1768+0.0944i	-0.2124-0.8490i	-0.1105-0.2967i	-0.0140-0.0059i	-0.0511-0.1318i
23.1	0.0693-0.0205i	0.1307-0.2375i	0.0959+0.1069i	0.1888+0.0955i	-0.3367-0.8800i	-0.1762-0.3190i	0.0047+0.0060i	-0.0732-0.1302i
23.2	0.0693-0.0142i	0.1054-0.2378i	0.0972+0.0916i	0.1987+0.0935i	-0.4089-0.8423i	-0.2154-0.2962i	0.0207+0.0195i	-0.0869-0.1239i
23.3	0.0712-0.0089i	0.0619-0.2223i	0.0929+0.0666i	0.2115+0.0911i	-0.5167-0.7819i	-0.2283-0.2825i	0.0248+0.0316i	-0.0976-0.1201i
23.4	0.0748+0.0000i	0.0523-0.1663i	0.0821+0.0495i	0.2226+0.0812i	-0.5481-0.6295i	-0.2261-0.2432i	0.0048+0.0297i	-0.1069-0.1024i
23.5	0.0761+0.0062i	0.0347-0.1432i	0.0750+0.0338i	0.2271+0.0768i	-0.5979-0.5628i	-0.2228-0.2215i	-0.0017-0.0000i	-0.1104-0.0899i
23.6	0.0819+0.0145i	0.0378-0.1246i	0.0530+0.0130i	0.2330+0.0758i	-0.6046-0.4956i	-0.2139-0.1955i	0.0265+0.0021i	-0.1133-0.0796i
23.7	0.0903+0.0162i	0.0535-0.1188i	0.0308+0.0294i	0.2392+0.0718i	-0.5755-0.4537i	-0.1908-0.1765i	0.0295-0.0451i	-0.1114-0.0658i
23.8	0.0954+0.0175i	0.0441-0.1024i	0.0214+0.0282i	0.2453+0.0655i	-0.5962-0.4090i	-0.1809-0.1808i	-0.0532-0.0374i	-0.1077-0.0684i
23.9	0.1050+0.0178i	0.0606-0.0771i	-0.0016+0.0255i	0.2526+0.0599i	-0.5535-0.3287i	-0.1565-0.2173i	-0.0400-0.0007i	-0.1011-0.0653i
24.0	0.1102+0.0209i	0.0593-0.0772i	-0.0270+0.0271i	0.2540+0.0598i	-0.5450-0.3080i	-0.1506-0.2331i	-0.0126+0.0047i	-0.1054-0.0645i
24.1	0.1168+0.0241i	0.0684-0.0547i	-0.0436+0.0281i	0.2618+0.0553i	-0.5422-0.2413i	-0.1502-0.2277i	0.0208-0.0286i	-0.1098-0.0503i
24.2	0.1226+0.0283i	0.0707-0.0331i	-0.0443+0.0288i	0.2698+0.0572i	-0.5420-0.2036i	-0.1104-0.2608i	-0.0007-0.0565i	-0.0977-0.0461i
24.3	0.1274+0.0315i	0.0782-0.0357i	-0.0570+0.0371i	0.2729+0.0549i	-0.5234-0.1856i	-0.1203-0.2864i	0.0055-0.0781i	-0.1053-0.0442i
24.4	0.1320+0.0301i	0.0777-0.0248i	-0.0796+0.0459i	0.2758+0.0529i	-0.5147-0.1555i	-0.0798-0.2917i	0.0042-0.0347i	-0.0991-0.0466i
24.5	0.1360+0.0281i	0.0911-0.0162i	-0.0933+0.0512i	0.2802+0.0486i	-0.4838-0.1291i	-0.0972-0.2840i	-0.0429-0.0852i	-0.0901-0.0401i

24.6	0.1434+0.0261i	0.0922-0.0185i	-0.1176+0.0581i	0.2847+0.0441i	-0.4814-0.1380i	-0.1336-0.3067i	-0.0466-0.0996i	-0.0943-0.0367i
24.7	0.1493+0.0250i	0.0987-0.0110i	-0.1259+0.0735i	0.2918+0.0414i	-0.4648-0.1191i	-0.1398-0.3183i	-0.0695-0.0829i	-0.0942-0.0340i
24.8	0.1550+0.0268i	0.1014+0.0034i	-0.1464+0.0782i	0.2968+0.0423i	-0.4553-0.0990i	-0.1386-0.3429i	-0.1025-0.0469i	-0.0864-0.0380i
24.9	0.1607+0.0306i	0.1112+0.0150i	-0.1581+0.0824i	0.3041+0.0445i	-0.4427-0.0795i	-0.1182-0.3573i	-0.0889-0.0389i	-0.0932-0.0399i
25.0	0.1666+0.0289i	0.1108+0.0097i	-0.1658+0.0942i	0.3082+0.0419i	-0.4225-0.0806i	-0.1302-0.3648i	-0.0990-0.0408i	-0.0908-0.0413i
25.1	0.1732+0.0278i	0.1119+0.0141i	-0.1847+0.0995i	0.3147+0.0367i	-0.4186-0.0617i	-0.1581-0.3966i	-0.1081-0.0158i	-0.0903-0.0422i
25.2	0.1788+0.0275i	0.1183+0.0171i	-0.2078+0.1158i	0.3206+0.0366i	-0.4150-0.0627i	-0.1558-0.4094i	-0.1191+0.0236i	-0.0919-0.0438i
25.3	0.1845+0.0266i	0.1254+0.0138i	-0.2277+0.1222i	0.3284+0.0339i	-0.4022-0.0578i	-0.1460-0.4285i	-0.1148+0.0147i	-0.0950-0.0434i
25.4	0.1920+0.0276i	0.1193+0.0310i	-0.2391+0.1311i	0.3360+0.0305i	-0.4078-0.0335i	-0.1394-0.4467i	-0.0857+0.0213i	-0.0957-0.0444i
25.5	0.1974+0.0241i	0.1302+0.0422i	-0.2618+0.1554i	0.3396+0.0271i	-0.3963-0.0202i	-0.1426-0.4592i	-0.0684+0.0179i	-0.0959-0.0372i
25.6	0.2056+0.0203i	0.1347+0.0522i	-0.2799+0.1822i	0.3429+0.0257i	-0.3752-0.0120i	-0.1497-0.4549i	-0.0903+0.0226i	-0.0898-0.0312i
25.7	0.2152+0.0188i	0.1300+0.0629i	-0.3029+0.2044i	0.3461+0.0240i	-0.3784+0.0114i	-0.1685-0.4568i	-0.1296+0.0219i	-0.0857-0.0325i
25.8	0.2200+0.0152i	0.1394+0.0713i	-0.3087+0.2136i	0.3504+0.0190i	-0.3634+0.0271i	-0.1648-0.4795i	-0.1287+0.0475i	-0.0872-0.0309i
25.9	0.2257+0.0167i	0.1391+0.0846i	-0.3409+0.2225i	0.3531+0.0179i	-0.3621+0.0363i	-0.1628-0.5101i	-0.1126+0.0436i	-0.0922-0.0359i
26.0	0.2297+0.0130i	0.1474+0.1081i	-0.3672+0.2547i	0.3550+0.0187i	-0.3352+0.0443i	-0.1558-0.5407i	-0.1295+0.0880i	-0.0848-0.0448i
26.1	0.2355+0.0099i	0.1506+0.1189i	-0.3949+0.2931i	0.3580+0.0229i	-0.3101+0.0486i	-0.1533-0.5605i	-0.1272+0.1186i	-0.0857-0.0486i
26.2	0.2439+0.0046i	0.1668+0.1386i	-0.4121+0.3462i	0.3631+0.0260i	-0.2875+0.0566i	-0.1617-0.5892i	-0.0485+0.0921i	-0.0901-0.0536i
26.3	0.2522+0.0004i	0.1828+0.1713i	-0.4291+0.4141i	0.3700+0.0306i	-0.2623+0.0772i	-0.1652-0.6444i	-0.0776+0.0618i	-0.0828-0.0496i
26.4	0.2568-0.0017i	0.1991+0.1923i	-0.4293+0.4586i	0.3770+0.0327i	-0.2588+0.0821i	-0.1781-0.6895i	-0.1136+0.0422i	-0.0801-0.0579i
26.5	0.2657-0.0082i	0.2291+0.2114i	-0.4191+0.5186i	0.3900+0.0348i	-0.2252+0.0761i	-0.2058-0.7309i	-0.1119+0.0820i	-0.0794-0.0732i
26.6	0.2670-0.0147i	0.2562+0.2243i	-0.4096+0.5632i	0.3948+0.0363i	-0.1958+0.0768i	-0.2447-0.7582i	-0.1023+0.0887i	-0.0867-0.0705i
26.7	0.2739-0.0234i	0.2793+0.2506i	-0.4098+0.6181i	0.4007+0.0404i	-0.1676+0.0798i	-0.2800-0.7807i	-0.0960+0.0840i	-0.0863-0.0696i
26.8	0.2775-0.0331i	0.3204+0.2649i	-0.3818+0.6801i	0.4125+0.0415i	-0.1326+0.0643i	-0.3107-0.8001i	-0.1006+0.0844i	-0.0827-0.0710i
26.9	0.2782-0.0388i	0.3602+0.2652i	-0.3603+0.7352i	0.4192+0.0440i	-0.0861+0.0377i	-0.3236-0.8159i	-0.1223+0.0700i	-0.0841-0.0745i
27.0	0.2771-0.0476i	0.4145+0.2638i	-0.3259+0.7988i	0.4295+0.0450i	-0.0515+0.0074i	-0.3467-0.8360i	-0.1110+0.1194i	-0.1009-0.0917i
27.1	0.2792-0.0548i	0.4599+0.2667i	-0.2924+0.8687i	0.4419+0.0525i	-0.0281-0.0391i	-0.3570-0.8889i	-0.1332+0.2048i	-0.1119-0.1105i
27.2	0.2756-0.0656i	0.4958+0.2680i	-0.2071+0.9539i	0.4568+0.0593i	-0.0322-0.0977i	-0.4022-0.9691i	-0.1357+0.1540i	-0.1115-0.1161i
27.3	0.2701-0.0730i	0.5291+0.2478i	-0.1128+0.9942i	0.4727+0.0593i	-0.0560-0.1455i	-0.4828-1.0077i	-0.0669+0.2155i	-0.1266-0.1160i
27.4	0.2630-0.0794i	0.5641+0.2091i	-0.0099+1.0003i	0.4872+0.0525i	-0.0813-0.1987i	-0.5943-0.9985i	-0.0236+0.1786i	-0.1467-0.0972i
27.5	0.2496-0.0834i	0.5978+0.1834i	0.0948+1.0050i	0.5013+0.0514i	-0.1208-0.2328i	-0.6797-0.9649i	-0.0033+0.1573i	-0.1537-0.0966i
27.6	0.2387-0.0770i	0.6274+0.1620i	0.1996+0.9823i	0.5152+0.0543i	-0.1681-0.2499i	-0.7456-0.9435i	0.0045+0.1671i	-0.1585-0.1064i
27.7	0.2292-0.0698i	0.6604+0.1361i	0.3078+0.9281i	0.5355+0.0494i	-0.2233-0.2414i	-0.8067-0.9097i	-0.0311+0.1748i	-0.1816-0.1049i
27.8	0.2287-0.0618i	0.6649+0.1077i	0.3787+0.8542i	0.5502+0.0457i	-0.2664-0.2559i	-0.8625-0.8627i	-0.0006+0.1592i	-0.1891-0.0903i
27.9	0.2262-0.0506i	0.6767+0.0796i	0.4292+0.7462i	0.5654+0.0378i	-0.2976-0.2393i	-0.8971-0.7668i	-0.0166+0.2431i	-0.2053-0.0813i
28.0	0.2250-0.0420i	0.6871+0.0672i	0.4403+0.6678i	0.5809+0.0326i	-0.3298-0.2095i	-0.8997-0.6935i	-0.0018+0.2602i	-0.1980-0.0915i
28.1	0.2285-0.0338i	0.7112+0.0553i	0.4174+0.6102i	0.5938+0.0272i	-0.3273-0.1843i	-0.8710-0.6553i	0.0781+0.1879i	-0.2164-0.0756i
28.2	0.2318-0.0227i	0.7154+0.0345i	0.4103+0.5399i	0.6018+0.0223i	-0.3252-0.1589i	-0.8411-0.6039i	0.0898+0.2171i	-0.2259-0.0672i
28.3	0.2371-0.0185i	0.7289+0.0240i	0.3962+0.4936i	0.6153+0.0174i	-0.3361-0.1410i	-0.8099-0.5660i	0.1028+0.1225i	-0.2233-0.0502i
28.4	0.2467-0.0113i	0.7515+0.0181i	0.3610+0.4549i	0.6326+0.0205i	-0.3446-0.1256i	-0.7624-0.5852i	0.1384+0.1160i	-0.2219-0.0507i
28.5	0.2531-0.0073i	0.7779+0.0150i	0.3467+0.4280i	0.6524+0.0164i	-0.3463-0.1135i	-0.7418-0.5949i	0.0344+0.1384i	-0.2092-0.0503i
28.6	0.2627-0.0024i	0.8079-0.0028i	0.3172+0.4087i	0.6737+0.0169i	-0.3356-0.1007i	-0.6840-0.5791i	-0.0270+0.1825i	-0.2143-0.0493i
28.7	0.2712+0.0025i	0.8204-0.0180i	0.2882+0.3814i	0.6878+0.0115i	-0.3379-0.0921i	-0.6630-0.5854i	0.0257+0.1720i	-0.2259-0.0622i
28.8	0.2811+0.0037i	0.8335-0.0305i	0.2642+0.3582i	0.7050-0.0005i	-0.3376-0.0848i	-0.6453-0.5971i	0.0274+0.1871i	-0.2161-0.0539i
28.9	0.2892+0.0093i	0.8589-0.0518i	0.2319+0.3452i	0.7268-0.0032i	-0.3343-0.0740i	-0.6067-0.5873i	0.0378+0.1302i	-0.2203-0.0274i
29.0	0.2966+0.0131i	0.8970-0.0660i	0.2048+0.3227i	0.7501-0.0070i	-0.3538-0.0687i	-0.5870-0.6221i	0.2128+0.1853i	-0.2315-0.0318i
29.1	0.3033+0.0126i	0.9231-0.0719i	0.1832+0.3155i	0.7688-0.0107i	-0.3521-0.0641i	-0.5924-0.6652i	0.3046+0.0938i	-0.2439-0.0450i
29.2	0.3098+0.0132i	0.9413-0.0982i	0.1556+0.3296i	0.7899-0.0219i	-0.3409-0.0634i	-0.5881-0.6805i	0.1811+0.0773i	-0.2448-0.0349i
29.3	0.3188+0.0148i	0.9913-0.1145i	0.1227+0.3134i	0.8204-0.0312i	-0.3312-0.0592i	-0.5543-0.6954i	0.1692+0.0645i	-0.2705-0.0340i
29.4	0.3285+0.0176i	1.0099-0.1435i	0.1055+0.3228i	0.8421-0.0388i	-0.3440-0.0609i	-0.4752-0.7318i	0.2095+0.0264i	-0.2569-0.0238i
29.5	0.3343+0.0172i	1.0697-0.1681i	0.0722+0.3347i	0.8761-0.0513i	-0.3424-0.0512i	-0.4704-0.7697i	0.2849+0.0187i	-0.2888-0.0244i
29.6	0.3353+0.0147i	1.1079-0.1933i	0.0359+0.3273i	0.8949-0.0673i	-0.3520-0.0438i	-0.5242-0.8342i	0.3352+0.0452i	-0.3017-0.0408i
29.7	0.3420+0.0163i	1.1453-0.2266i	-0.0045+0.3338i	0.9171-0.0783i	-0.3591-0.0455i	-0.5360-0.8983i	0.3484-0.0210i	-0.3123-0.0191i
29.8	0.3504+0.0163i	1.1881-0.2633i	-0.0437+0.3498i	0.9487-0.0936i	-0.3704-0.0541i	-0.4966-0.9514i	0.3823-0.1138i	-0.3033-0.0132i
29.9	0.3498+0.0166i	1.2269-0.2827i	-0.0698+0.3673i	0.9730-0.1023i	-0.3767-0.0447i	-0.4600-0.9858i	0.4145-0.3159i	-0.3049-0.0032i
30.0	0.3538+0.0203i	1.2734-0.3208i	-0.0893+0.3758i	1.0041-0.1228i	-0.3885-0.0382i	-0.4221-1.0724i	0.3827-0.4088i	-0.3152-0.0038i
30.1	0.3505+0.0233i	1.3426-0.3698i	-0.1362+0.3774i	1.0368-0.1496i	-0.3978-0.0243i	-0.4462-1.1345i	0.4504-0.4071i	-0.3387-0.0011i
30.2	0.3481+0.0264i	1.4077-0.4054i	-0.1820+0.3849i	1.0642-0.1698i	-0.4099-0.0036i	-0.4376-1.2295i	0.4080-0.5129i	-0.3473+0.0009i
30.3	0.3474+0.0420i	1.5017-0.4895i	-0.2449+0.4090i	1.0955-0.1935i	-0.3879-0.0015i	-0.4239-1.3112i	0.3105-0.5728i	-0.3534+0.0050i
30.4	0.3594+0.0627i	1.5781-0.6115i	-0.3439+0.4550i	1.1321-0.2209i	-0.3785-0.0081i	-0.4723-1.4552i	0.2425-0.5712i	-0.3457+0.0229i
30.5	0.3764+0.0822i	1.6579-0.7542i	-0.4225+0.5192i	1.1838-0.2563i	-0.3911-0.0392i	-0.5481-1.6167i	0.1473-0.6792i	-0.3741+0.0474i
30.6	0.3911+0.0874i	1.6845-0.8738i	-0.4558+0.5956i	1.2189-0.2938i	-0.4149-0.0553i	-0.6306-1.6535i	0.0137-0.7837i	-0.3867+0.0731i
30.7	0.4035+0.0994i	1.6652-1.0013i	-0.4789+0.7132i	1.2412-0.3345i	-0.4503-0.0372i	-0.7138-1.7152i	-0.1931-0.8397i	-0.3787+0.0572i
30.8	0.4143+0.1246i	1.6942-1.1816i	-0.5090+0.8315i	1.2737-0.3908i	-0.4890-0.0514i	-0.7741-1.8184i	-0.4716-0.7744i	-0.3723+0.0676i

30.9	0.4252+0.1337i	1.7104-1.3284i	-0.5222+0.9242i	1.3034-0.4489i	-0.5277-0.0283i	-0.8446-1.8722i	-0.5757-0.7307i	-0.3850+0.0804i
31.0	0.4421+0.1519i	1.7084-1.4958i	-0.5378+1.0265i	1.3323-0.5146i	-0.5468-0.0006i	-0.9221-1.9583i	-0.5946-0.6992i	-0.3979+0.1021i
31.1	0.4579+0.1857i	1.7037-1.7051i	-0.5380+1.1559i	1.3568-0.5838i	-0.5683+0.0275i	-0.9959-2.1173i	-0.7794-0.5659i	-0.3997+0.1014i
31.2	0.4796+0.2174i	1.6682-1.9333i	-0.5371+1.2750i	1.3734-0.6566i	-0.5986+0.0432i	-1.0515-2.2326i	-0.9815-0.5420i	-0.3994+0.1263i
31.3	0.5078+0.2462i	1.6026-2.1062i	-0.5739+1.3880i	1.3790-0.7064i	-0.6355+0.0577i	-1.1208-2.3340i	-1.0175-0.4290i	-0.3984+0.1285i
31.4	0.5565+0.2661i	1.4364-2.3168i	-0.5181+1.5292i	1.3653-0.7857i	-0.6699+0.0902i	-1.2852-2.4261i	-1.0278-0.3114i	-0.4124+0.1478i
31.5	0.6160+0.2963i	1.2109-2.5562i	-0.4637+1.7183i	1.3402-0.8763i	-0.7079+0.1473i	-1.4516-2.5618i	-1.2054-0.0659i	-0.3917+0.1569i
31.6	0.6689+0.3213i	1.0524-2.7021i	-0.4088+1.8922i	1.3302-0.9341i	-0.7511+0.1997i	-1.6264-2.6709i	-1.2536+0.0200i	-0.4024+0.1765i
31.7	0.7562+0.3281i	0.6889-2.8257i	-0.2895+2.0685i	1.2664-0.9929i	-0.8141+0.2628i	-1.8665-2.7530i	-1.2570+0.1811i	-0.3944+0.1607i
31.8	0.8357+0.3284i	0.4322-2.9567i	-0.1802+2.2414i	1.2411-1.0649i	-0.8437+0.3284i	-2.0808-2.8389i	-1.2537+0.4177i	-0.4141+0.1561i
31.9	0.9060+0.3324i	0.2258-3.0454i	-0.0414+2.4322i	1.2290-1.1125i	-0.8457+0.4033i	-2.3271-2.9218i	-1.2548+0.6241i	-0.4468+0.1588i
32.0	0.9610+0.2928i	-0.0468-2.8360i	0.1611+2.5249i	1.1644-1.0645i	-0.7910+0.5130i	-2.5287-2.8974i	-1.1670+0.8162i	-0.4318+0.1284i
32.1	1.0379+0.2550i	-0.3551-2.7086i	0.4148+2.7063i	1.1289-1.0620i	-0.8035+0.6146i	-2.8241-2.9383i	-0.8219+1.0801i	-0.4918+0.0875i
32.2	1.1343+0.2270i	-0.6949-2.7778i	0.6734+2.9192i	1.0975-1.1374i	-0.8431+0.7242i	-3.1797-3.0462i	-0.7835+1.0654i	-0.5201+0.1170i
32.3	1.1905+0.2038i	-0.8829-2.7325i	0.9700+2.9594i	1.0790-1.1793i	-0.7974+0.8137i	-3.5180-2.9529i	-0.6177+1.0143i	-0.5763+0.1763i
32.4	1.2693+0.1821i	-1.0716-2.7084i	1.3292+3.0888i	1.0940-1.2389i	-0.7306+0.9712i	-4.0461-2.9327i	-0.3646+0.9933i	-0.6664+0.2321i
32.5	1.3464+0.1254i	-1.2965-2.4872i	1.7223+2.9951i	1.0610-1.2531i	-0.5833+1.0901i	-4.4307-2.5892i	-0.1075+1.0092i	-0.6865+0.3233i
32.6	1.4264+0.0632i	-1.5085-2.2587i	1.9744+2.9530i	1.0386-1.2523i	-0.5095+1.1757i	-4.6762-2.3548i	-0.0326+0.9833i	-0.6716+0.3780i
32.7	1.4972+0.0019i	-1.6404-1.9439i	2.1352+2.7591i	1.0221-1.1935i	-0.3880+1.1853i	-4.6106-2.0328i	-0.0294+0.8331i	-0.6288+0.4083i
32.8	1.5675-0.0747i	-1.7106-1.7771i	2.4837+2.6178i	1.0208-1.2232i	-0.1960+1.1790i	-4.7539-1.7440i	0.2923+0.7080i	-0.6035+0.4543i
32.9	1.6455-0.1569i	-1.7433-1.5295i	2.7827+2.6171i	1.0682-1.2216i	-0.0714+1.2538i	-5.0062-1.7093i	0.2718+0.5994i	-0.6386+0.4785i
33.0	1.7140-0.2603i	-1.7506-1.2079i	2.9986+2.4171i	1.1241-1.1777i	0.0492+1.2243i	-5.1058-1.6091i	0.1209+0.5940i	-0.6282+0.4583i
33.1	1.7845-0.3796i	-1.7701-1.0322i	3.3756+2.2228i	1.1688-1.2352i	0.2117+1.1915i	-5.4285-1.4094i	0.0501+0.6608i	-0.6489+0.4590i
33.2	1.7895-0.5627i	-1.6406-0.7193i	3.7419+1.7236i	1.1815-1.2928i	0.4126+1.0589i	-5.6934-0.8578i	0.1087+0.6112i	-0.6860+0.4939i
33.3	1.7969-0.6633i	-1.4429-0.5149i	3.8979+1.4290i	1.2751-1.2988i	0.4758+0.9735i	-5.8496-0.6019i	0.1139+0.6531i	-0.7591+0.4958i
33.4	1.7599-0.7427i	-1.1740-0.4255i	3.9116+0.9927i	1.3621-1.3330i	0.5185+0.8308i	-5.7412-0.1359i	-0.0471+0.6441i	-0.7865+0.5924i
33.5	1.7852-0.8670i	-0.9437-0.4177i	4.1774+0.6259i	1.5120-1.4909i	0.5863+0.7616i	-6.0536+0.3657i	0.2123+0.6582i	-0.9391+0.7181i
33.6	1.8299-1.0015i	-0.7545-0.5063i	4.2909+0.3128i	1.6591-1.7060i	0.5722+0.6761i	-6.2146+0.6675i	0.1514+0.5695i	-1.0370+0.8734i
33.7	1.8089-1.1803i	-0.6737-0.5091i	4.0939-0.2125i	1.6480-1.9154i	0.5102+0.5463i	-5.8322+1.1570i	0.1916+0.4907i	-0.9612+1.0280i
33.8	1.7815-1.2742i	-0.5999-0.6080i	3.7239-0.5335i	1.6345-2.0814i	0.4246+0.4497i	-5.2912+1.2956i	0.2586+0.4691i	-0.8568+1.1217i
33.9	1.7704-1.3820i	-0.4921-0.7093i	3.3808-0.5213i	1.6894-2.2520i	0.3005+0.4325i	-4.9389+0.9210i	0.2768+0.3619i	-0.8184+1.0752i
34.0	1.8290-1.6146i	-0.3441-0.7954i	3.6059-0.2783i	1.8720-2.6057i	0.2311+0.5641i	-5.6167+0.4147i	0.2116+0.3934i	-1.0651+1.1140i
34.1	1.7597-1.9125i	-0.2122-0.9348i	4.1386-0.3155i	1.8637-3.1022i	0.2729+0.7141i	-6.8179+0.4992i	0.1112+0.4179i	-1.3391+1.4029i
34.2	1.6198-2.1674i	-0.1136-1.2083i	4.6810-0.7554i	1.7437-3.6425i	0.3541+0.8130i	-7.8703+1.3571i	0.0207+0.4437i	-1.5164+1.9117i
34.3	1.2512-2.4792i	-0.1292-1.7838i	5.1783-2.0193i	1.2228-4.4592i	0.5518+0.9040i	-8.7571+3.6261i	0.0487+0.6490i	-1.4321+2.8870i
34.4	0.7781-2.7310i	-0.6257-2.5060i	5.0926-3.7922i	0.1917-5.2686i	0.8298+0.8935i	-8.4969+6.7157i	0.2139+0.7528i	-0.7223+4.0381i
34.5	0.2909-2.6056i	-1.5702-2.8732i	3.8433-4.9923i	-1.1852-5.3242i	1.0558+0.7676i	-6.2732+8.8873i	0.5005+0.7526i	0.7648+4.5929i
34.6	-0.0116-2.3910i	-2.5793-2.8864i	2.4482-5.4817i	-2.3607-4.9872i	1.2329+0.6102i	-3.7916+9.7264i	0.7014+0.6546i	2.1852+4.5678i
34.7	-0.2490-1.9450i	-3.6176-1.8926i	0.5052-4.9523i	-3.4054-3.5679i	1.3052+0.2548i	-0.3539+8.5387i	0.7219+0.3702i	3.7208+3.2071i
34.8	-0.2944-1.7220i	-3.9079-0.6648i	-0.3491-4.1090i	-3.6254-2.2969i	1.2813-0.0338i	1.1561+6.7736i	0.5510+0.0731i	4.1066+1.6836i
34.9	-0.2384-1.5590i	-3.6570+0.1106i	-0.5116-3.3586i	-3.3009-1.4880i	1.1798-0.1909i	1.3392+5.2455i	0.4937-0.0102i	3.7958+0.6769i
35.0	-0.2281-1.4684i	-3.3595+0.8762i	-0.6310-2.7537i	-3.0068-0.7656i	1.0849-0.3659i	1.4317+3.9416i	0.4447-0.0609i	3.5015-0.3069i
35.1	-0.2152-1.3568i	-2.7278+1.2879i	-0.5459-2.3545i	-2.4494-0.3326i	0.9072-0.4707i	1.0030+3.1069i	0.3372-0.1190i	2.7861-0.8426i
35.2	-0.2159-1.2392i	-2.0831+1.5780i	-0.5293-2.0323i	-1.9131-0.0014i	0.7080-0.5364i	0.6859+2.4313i	0.1891-0.1023i	2.0991-1.1420i
35.3	-0.2309-1.1621i	-1.5587+1.7318i	-0.5308-1.8761i	-1.5028+0.1807i	0.5584-0.5860i	0.4646+2.1310i	0.1324-0.0481i	1.5759-1.2731i
35.4	-0.2077-1.0761i	-1.1473+1.6606i	-0.5144-1.7338i	-1.1419+0.2032i	0.4400-0.5704i	0.1999+1.9469i	0.1047+0.0289i	1.1728-1.2301i
35.5	-0.1320-0.9870i	-0.8045+1.4207i	-0.4768-1.5714i	-0.7917+0.0931i	0.3178-0.4950i	-0.0770+1.7939i	0.0679+0.0057i	0.7912-1.0377i
35.6	-0.1111-0.9158i	-0.5352+1.3267i	-0.5545-1.4443i	-0.5575+0.0786i	0.2246-0.4607i	-0.0786+1.6424i	0.1045+0.0507i	0.5580-0.9626i
35.7	-0.0439-0.8167i	-0.3221+1.0883i	-0.5915-1.2677i	-0.3212-0.0119i	0.1546-0.3919i	-0.2059+1.3935i	0.1076+0.0721i	0.3478-0.7988i
35.8	0.0494-0.7855i	-0.2417+0.8617i	-0.5331-1.1549i	-0.1684-0.1575i	0.1248-0.3372i	-0.4055+1.3472i	0.1167+0.0981i	0.2737-0.6040i
35.9	0.1452-0.7656i	-0.1761+0.7297i	-0.5274-0.9881i	-0.0171-0.2631i	0.0818-0.2615i	-0.5049+1.1526i	0.0962+0.1250i	0.2176-0.4618i
36.0	0.2175-0.7637i	-0.1657+0.6333i	-0.5171-0.9149i	0.0597-0.3369i	0.0730-0.2365i	-0.5838+1.1265i	0.0719+0.1537i	0.1969-0.3884i
36.1	0.2803-0.7375i	-0.1267+0.5004i	-0.5200-0.8022i	0.1560-0.4099i	0.0565-0.1887i	-0.6360+1.0168i	0.0427+0.1643i	0.1698-0.3109i
36.2	0.3720-0.7919i	-0.1514+0.4137i	-0.4418-0.7098i	0.2204-0.5449i	0.0661-0.1381i	-0.8326+0.9428i	0.0200+0.1234i	0.1675-0.2278i
36.3	0.4257-0.8333i	-0.1543+0.3641i	-0.4033-0.6337i	0.2750-0.6244i	0.0727-0.1015i	-0.9036+0.9238i	0.0192+0.1729i	0.1424-0.1821i
36.4	0.5078-0.8419i	-0.1584+0.2595i	-0.3795-0.5239i	0.3618-0.7163i	0.0601-0.0576i	-0.9553+0.7825i	-0.0045+0.1643i	0.1175-0.1313i
36.5	0.5716-0.9092i	-0.1913+0.2066i	-0.2995-0.4473i	0.3965-0.8347i	0.0849-0.0209i	-1.1027+0.6895i	0.0368+0.1922i	0.1372-0.0713i
36.6	0.5776-1.0103i	-0.2118+0.2202i	-0.2533-0.4440i	0.3720-0.9324i	0.1077-0.0058i	-1.2569+0.7732i	0.0195+0.2273i	0.1371-0.0441i
36.7	0.6173-1.0683i	-0.2182+0.2031i	-0.2247-0.4037i	0.4021-1.0092i	0.1240+0.0052i	-1.3379+0.7534i	0.0309+0.2785i	0.1550-0.0035i
36.8	0.6548-1.1206i	-0.2373+0.1639i	-0.1842-0.3493i	0.4245-1.0932i	0.1332+0.0210i	-1.4291+0.7271i	0.0310+0.3130i	0.1456+0.0224i
36.9	0.6634-1.2112i	-0.2648+0.1369i	-0.1259-0.3279i	0.4065-1.2068i	0.1465+0.0511i	-1.5629+0.7716i	0.0156+0.3099i	0.1347+0.0244i
37.0	0.6903-1.2663i	-0.2811+0.1024i	-0.0682-0.3076i	0.4132-1.2909i	0.1929+0.0750i	-1.6870+0.7813i	0.0125+0.2772i	0.1211+0.0235i
37.1	0.6956-1.3844i	-0.3040+0.0961i	0.0079-0.2911i	0.3886-1.4162i	0.2327+0.0746i	-1.8543+0.8160i	0.0753+0.2999i	0.1469+0.0369i

37.2	0.6647-1.4457i	-0.3042+0.1103i	0.0230-0.2956i	0.3581-1.4655i	0.2441+0.0765i	-1.8862+0.8738i	0.0853+0.3214i	0.1479+0.0525i
37.3	0.6203-1.4898i	-0.3033+0.1175i	0.0167-0.3172i	0.3096-1.5032i	0.2633+0.0539i	-1.8805+0.9529i	0.0906+0.3365i	0.1211+0.0884i
37.4	0.5962-1.5450i	-0.3193+0.1225i	0.0573-0.3331i	0.2689-1.5503i	0.3015+0.0444i	-1.9550+1.0381i	0.1405+0.3430i	0.0972+0.0799i
37.5	0.5803-1.6635i	-0.3418+0.1201i	0.1232-0.3453i	0.2312-1.6779i	0.3495+0.0276i	-2.1174+1.1429i	0.1216+0.3815i	0.0861+0.0927i
37.6	0.5314-1.7351i	-0.3378+0.1353i	0.1489-0.3615i	0.1804-1.7435i	0.3516+0.0016i	-2.1849+1.2247i	0.1505+0.3834i	0.1075+0.0978i
37.7	0.4284-1.8291i	-0.3476+0.1704i	0.1591-0.4340i	0.0661-1.8128i	0.3775-0.0454i	-2.1837+1.4174i	0.1733+0.3833i	0.1005+0.1279i
37.8	0.3628-1.8696i	-0.3159+0.1920i	0.1425-0.4609i	0.0168-1.8372i	0.4047-0.0756i	-2.1632+1.4966i	0.2184+0.3933i	0.1377+0.1772i
37.9	0.3074-1.9390i	-0.2999+0.1950i	0.1394-0.4913i	-0.0372-1.9019i	0.4136-0.1170i	-2.1930+1.6137i	0.2704+0.3913i	0.1667+0.2128i
38.0	0.2307-2.0019i	-0.3075+0.2040i	0.1370-0.5289i	-0.1264-1.9582i	0.4231-0.1430i	-2.2231+1.7452i	0.2438+0.3591i	0.1385+0.2288i
38.1	0.1763-2.0180i	-0.2957+0.2291i	0.1038-0.5589i	-0.1768-1.9624i	0.4196-0.1762i	-2.1898+1.8902i	0.2508+0.2914i	0.1379+0.2045i
38.2	0.0767-2.0873i	-0.2714+0.2574i	0.0841-0.5742i	-0.2643-2.0008i	0.4027-0.2357i	-2.1466+2.0377i	0.2975+0.3482i	0.1571+0.2306i
38.3	-0.0310-2.0896i	-0.2656+0.2614i	0.0064-0.5842i	-0.3708-1.9991i	0.3818-0.2615i	-1.9869+2.1209i	0.3038+0.3314i	0.1523+0.2179i
38.4	-0.0816-2.1064i	-0.2511+0.2645i	-0.0149-0.5855i	-0.4158-2.0138i	0.3793-0.2817i	-1.9403+2.1769i	0.2875+0.3320i	0.1597+0.2115i
38.5	-0.1441-2.1232i	-0.2235+0.2836i	-0.0544-0.5865i	-0.4567-2.0042i	0.3570-0.3206i	-1.8586+2.2843i	0.3390+0.3372i	0.1891+0.2127i
38.6	-0.2884-2.1101i	-0.1768+0.2699i	-0.0872-0.5900i	-0.5691-2.0069i	0.3483-0.3364i	-1.7116+2.3551i	0.3930+0.2945i	0.2362+0.1955i
38.7	-0.3841-2.0919i	-0.1537+0.2475i	-0.1364-0.5574i	-0.6471-2.0118i	0.3227-0.3532i	-1.5594+2.3106i	0.3916+0.3221i	0.2675+0.1947i
38.8	-0.4466-2.1014i	-0.1312+0.2175i	-0.1743-0.5326i	-0.6920-2.0506i	0.2794-0.3882i	-1.4842+2.3001i	0.4028+0.3110i	0.3340+0.1471i
38.9	-0.5117-2.0579i	-0.1104+0.2281i	-0.2043-0.5059i	-0.7475-2.0049i	0.2230-0.3671i	-1.4424+2.2846i	0.4068+0.2576i	0.3160+0.1191i
39.0	-0.5766-2.0040i	-0.0660+0.1992i	-0.2522-0.4395i	-0.7820-1.9751i	0.2183-0.3793i	-1.3414+2.2022i	0.4137+0.2555i	0.3356+0.1123i
39.1	-0.6250-2.0014i	-0.0914+0.1548i	-0.2457-0.4236i	-0.8545-2.0123i	0.2124-0.4088i	-1.3490+2.2047i	0.3835+0.2217i	0.2892+0.0562i
39.2	-0.6682-1.9608i	-0.1015+0.1508i	-0.2766-0.3991i	-0.9139-1.9817i	0.1888-0.3925i	-1.2699+2.2168i	0.3754+0.1671i	0.2070+0.0043i
39.3	-0.7563-1.9567i	-0.0929+0.1758i	-0.3104-0.3599i	-1.0176-1.9584i	0.1496-0.3961i	-1.1722+2.2321i	0.3944+0.1887i	0.1530+0.0645i
39.4	-0.8164-1.9361i	-0.0935+0.1608i	-0.3388-0.3232i	-1.0911-1.9443i	0.1425-0.4178i	-1.0913+2.2174i	0.3810+0.2396i	0.0963+0.1302i
39.5	-0.8591-1.9087i	-0.1162+0.1507i	-0.3569-0.2888i	-1.1581-1.9316i	0.1178-0.4191i	-1.0468+2.2034i	0.3933+0.2398i	0.0710+0.1431i
39.6	-0.9403-1.8797i	-0.1471+0.1823i	-0.3588-0.2334i	-1.2774-1.8824i	0.1063-0.4030i	-0.9726+2.1790i	0.3946+0.2226i	0.0054+0.2392i
39.7	-0.9647-1.8511i	-0.1336+0.2090i	-0.3625-0.1955i	-1.3145-1.8242i	0.0974-0.4210i	-0.9494+2.1589i	0.3738+0.1770i	-0.0320+0.3369i
39.8	-1.0202-1.8314i	-0.0950+0.2189i	-0.3634-0.1827i	-1.3601-1.7878i	0.0640-0.4452i	-0.9027+2.1938i	0.4021+0.1807i	0.0238+0.3746i
39.9	-1.0707-1.8115i	-0.0945+0.1982i	-0.3421-0.1523i	-1.4164-1.7759i	0.0474-0.4538i	-0.8603+2.1789i	0.3845+0.2001i	0.0140+0.3712i
40.0	-1.0897-1.7803i	-0.1074+0.2124i	-0.3582-0.1131i	-1.4490-1.7313i	0.0245-0.4492i	-0.7775+2.1533i	0.3823+0.1799i	-0.0103+0.4213i
40.1	-1.1428-1.7240i	-0.1121+0.2389i	-0.3650-0.0797i	-1.5168-1.6485i	0.0010-0.4353i	-0.6902+2.1238i	0.3423+0.1690i	-0.0340+0.4929i
40.2	-1.1943-1.6796i	-0.0522+0.2613i	-0.3516+0.0038i	-1.5307-1.5679i	-0.0324-0.4327i	-0.6828+1.9799i	0.4065+0.2252i	0.1481+0.6415i
40.3	-1.2358-1.6499i	-0.0210+0.2636i	-0.3414+0.0462i	-1.5528-1.5224i	-0.0512-0.4455i	-0.6366+1.9081i	0.4116+0.2341i	0.2050+0.7570i
40.4	-1.2436-1.5794i	-0.0133+0.2525i	-0.3513+0.0868i	-1.5547-1.4504i	-0.0679-0.4367i	-0.6024+1.8231i	0.4078+0.2255i	0.2191+0.7974i
40.5	-1.2738-1.5454i	0.0305+0.2679i	-0.2944+0.1750i	-1.5634-1.3995i	-0.1132-0.4252i	-0.6901+1.6571i	0.4732+0.2063i	0.3941+0.8584i
40.6	-1.3123-1.5295i	0.0776+0.2892i	-0.2110+0.1918i	-1.5807-1.3611i	-0.1376-0.4167i	-0.7681+1.6477i	0.5167+0.2237i	0.5807+0.8868i
40.7	-1.3495-1.4614i	0.0913+0.2764i	-0.1426+0.1678i	-1.6113-1.2958i	-0.1642-0.3998i	-0.7934+1.6350i	0.5235+0.2371i	0.6818+0.8645i
40.8	-1.3969-1.4044i	0.1381+0.2640i	-0.0958+0.1870i	-1.6347-1.2395i	-0.1916-0.3874i	-0.8354+1.5841i	0.5415+0.2015i	0.8514+0.7926i
40.9	-1.4254-1.3540i	0.1767+0.2399i	-0.0599+0.1301i	-1.6401-1.1842i	-0.1959-0.3705i	-0.8760+1.6968i	0.5454+0.1486i	0.8987+0.6564i
41.0	-1.4406-1.3056i	0.1912+0.1642i	-0.0346+0.0944i	-1.6348-1.1614i	-0.2138-0.3670i	-0.9004+1.7822i	0.6282+0.0967i	1.0008+0.4913i
41.1	-1.4322-1.2777i	0.1787+0.1322i	-0.0370+0.1104i	-1.6278-1.1475i	-0.2456-0.3460i	-0.8758+1.7662i	0.6580+0.0269i	1.0462+0.4144i
41.2	-1.4121-1.2514i	0.1884+0.1673i	-0.0580+0.0914i	-1.6079-1.0939i	-0.2427-0.2923i	-0.7940+1.8147i	0.6716+0.0055i	0.9930+0.3251i
41.3	-1.4534-1.1736i	0.2341+0.1664i	-0.0464+0.1222i	-1.6146-1.0122i	-0.2493-0.2579i	-0.7506+1.6224i	0.6603-0.0195i	1.0213+0.3062i
41.4	-1.4301-1.0983i	0.2692+0.1155i	0.0691+0.1603i	-1.5882-0.9599i	-0.2380-0.2784i	-1.0580+1.4799i	0.6502-0.0289i	1.1616+0.2872i
41.5	-1.4264-1.0845i	0.2618+0.0321i	0.1081+0.1187i	-1.5740-0.9857i	-0.2345-0.2643i	-1.0488+1.6271i	0.6289-0.0933i	1.1863+0.1061i
41.6	-1.4239-1.0491i	0.2511-0.0192i	0.0794+0.0973i	-1.5501-0.9729i	-0.2422-0.2196i	-1.0022+1.6304i	0.5940-0.1350i	1.1973-0.0216i
41.7	-1.3865-1.0086i	0.2417-0.0659i	0.0034+0.0647i	-1.5012-0.9547i	-0.2797-0.1757i	-0.9867+1.7265i	0.6023-0.1642i	1.1599-0.1718i
41.8	-1.3759-0.9930i	0.2275-0.0737i	-0.0183+0.0773i	-1.4914-0.9488i	-0.2985-0.1488i	-0.9606+1.6870i	0.5945-0.1868i	1.1308-0.2331i
41.9	-1.3656-0.9916i	0.1521-0.0456i	0.0353+0.0920i	-1.5333-0.9529i	-0.2624-0.1086i	-1.0113+1.6564i	0.5332-0.1823i	0.9975-0.2449i
42.0	-1.3515-1.0089i	0.1687-0.0053i	0.0340+0.1050i	-1.5132-0.9412i	-0.2522-0.0957i	-1.0009+1.7275i	0.5478-0.2082i	0.9779-0.2318i
42.1	-1.3275-0.9710i	0.1812-0.0453i	0.0348+0.1328i	-1.4826-0.9331i	-0.2444-0.0638i	-1.1096+1.7072i	0.5526-0.2389i	0.9849-0.3090i
42.2	-1.3395-0.9765i	0.2176-0.0328i	0.0319+0.0179i	-1.4851-0.9110i	-0.2317-0.0672i	-1.1330+1.9860i	0.5350-0.2464i	1.0177-0.3795i
42.3	-1.3478-1.0004i	0.2029-0.0697i	-0.0208+0.0450i	-1.4900-0.9526i	-0.2284-0.0783i	-0.9478+2.0258i	0.5284-0.2413i	0.9050-0.4078i
42.4	-1.3562-1.0064i	0.1970-0.0864i	0.0051+0.0589i	-1.4904-0.9494i	-0.2351-0.0928i	-0.9076+2.0854i	0.4973-0.2523i	0.9012-0.3842i
42.5	-1.4242-1.0320i	0.1760-0.1004i	0.0312-0.0134i	-1.5595-0.9754i	-0.2122-0.0764i	-0.7157+2.2502i	0.4037-0.3085i	0.8020-0.5025i
42.6	-1.4081-1.0105i	0.1696-0.1183i	-0.0599+0.0357i	-1.5301-0.9843i	-0.2162-0.0411i	-0.5670+2.1249i	0.3802-0.3128i	0.7247-0.5521i
42.7	-1.4235-0.9770i	0.1464-0.1698i	-0.1456+0.1212i	-1.5310-1.0013i	-0.2347-0.0043i	-0.3599+1.8572i	0.3512-0.3392i	0.6559-0.5967i
42.8	-1.4121-0.9341i	0.0797-0.1885i	-0.1483+0.1757i	-1.5662-0.9829i	-0.2078+0.0171i	-0.4750+1.6871i	0.3093-0.3311i	0.5350-0.5784i
42.9	-1.3745-0.9778i	0.0575-0.1106i	-0.1172+0.2516i	-1.5744-0.9808i	-0.1698-0.0088i	-0.6571+1.8186i	0.3114-0.2830i	0.5045-0.4345i
43.0	-1.4253-1.0362i	0.0893-0.1011i	-0.0517+0.2630i	-1.6237-1.0224i	-0.1334-0.0248i	-0.5614+1.9301i	0.3054-0.2609i	0.5160-0.4673i
43.1	-1.5237-1.0271i	0.0625-0.1469i	-0.0189+0.2145i	-1.7207-1.0357i	-0.1231-0.0059i	-0.3223+1.9407i	0.2747-0.2851i	0.4189-0.5743i
43.2	-1.5835-1.0066i	0.0530-0.1239i	-0.0686+0.2435i	-1.7674-1.0105i	-0.1431-0.0215i	-0.0665+1.7839i	0.2114-0.2838i	0.3048-0.5188i
43.3	-1.6131-0.9489i	0.0553-0.0732i	-0.0439+0.3155i	-1.8092-0.9401i	-0.1194-0.0269i	-0.1388+1.3787i	0.2134-0.2364i	0.2872-0.3335i
43.4	-1.6105-0.8503i	0.0733-0.0769i	-0.0203+0.2619i	-1.8252-0.8458i	-0.0928-0.0447i	-0.4863+1.2425i	0.2408-0.1270i	0.3367-0.2490i

43.5	−1.5759−0.8542i	0.0457−0.1116i	−0.0055+0.3766i	−1.8042−0.8607i	−0.1120−0.0441i	−0.6804+1.2792i	0.2597−0.1512i	0.4241−0.2512i
43.6	−1.6006−0.9185i	0.0464−0.0879i	0.0807+0.3849i	−1.8301−0.8979i	−0.1211−0.0348i	−0.7624+1.5711i	0.3501−0.1844i	0.5234−0.3430i
43.7	−1.6770−0.9335i	0.0743−0.0555i	0.0510+0.3035i	−1.8814−0.8876i	−0.1362−0.0322i	−0.4306+1.7767i	0.3717−0.2137i	0.4661−0.3863i
43.8	−1.7194−0.8706i	0.0972−0.0736i	−0.0259+0.4070i	−1.9078−0.8452i	−0.1581−0.0233i	−0.2255+1.4079i	0.3247−0.2273i	0.4315−0.3082i
43.9	−1.7392−0.8310i	0.0931−0.0893i	0.0301+0.4679i	−1.9383−0.8259i	−0.1442−0.0040i	−0.3778+1.1496i	0.3264−0.2362i	0.4661−0.2935i
44.0	−1.7363−0.7963i	0.1044−0.0727i	0.0493+0.4913i	−1.9357−0.7761i	−0.1359+0.0024i	−0.5276+1.1256i	0.2651−0.2057i	0.4773−0.2662i
44.1	−1.7381−0.7892i	0.1614−0.0840i	0.0992+0.6135i	−1.9301−0.7681i	−0.1089−0.0047i	−0.6955+0.9879i	0.2599−0.2222i	0.5356−0.2213i
44.2	−1.7610−0.8178i	0.1563−0.1512i	0.2689+0.5984i	−1.9583−0.7941i	−0.1100−0.0504i	−0.9264+1.2405i	0.3236−0.2790i	0.6194−0.3273i
44.3	−1.8679−0.8029i	0.0517−0.1720i	0.4204+0.4831i	−2.0907−0.7689i	−0.1630−0.0382i	−0.8066+1.5485i	0.2671−0.3291i	0.5681−0.4673i
44.4	−1.9703−0.7482i	0.0562−0.1126i	0.3572+0.3581i	−2.1584−0.6986i	−0.1710+0.0215i	−0.3729+1.6204i	0.1723−0.3285i	0.4272−0.5285i
44.5	−1.9862−0.6688i	0.0908−0.1104i	0.3075+0.3820i	−2.1659−0.6435i	−0.1239+0.0532i	−0.2521+1.2933i	0.1686−0.2640i	0.3756−0.4495i
44.6	−2.0061−0.6096i	0.0971−0.1670i	0.3611+0.3871i	−2.1753−0.6090i	−0.1168+0.0468i	−0.3308+1.1481i	0.1145−0.2642i	0.3593−0.4598i
44.7	−1.9812−0.5433i	0.0328−0.1761i	0.2788+0.4358i	−2.1823−0.5666i	−0.0958+0.0383i	−0.3666+0.9628i	0.1085−0.2688i	0.2871−0.4243i
44.8	−1.9696−0.5143i	0.0292−0.1402i	0.2536+0.4908i	−2.1907−0.5336i	−0.0960+0.0560i	−0.3829+0.7499i	0.1246−0.2604i	0.2989−0.3598i
44.9	−1.9239−0.4563i	0.0292−0.0915i	0.3199+0.5806i	−2.1836−0.4586i	−0.0412+0.0497i	−0.9768+0.5295i	0.1811−0.1676i	0.3973−0.2626i
45.0	−1.9399−0.4969i	0.0364−0.0920i	0.4501+0.6043i	−2.2036−0.4782i	−0.0435+0.0245i	−1.2184+0.8113i	0.2065−0.2061i	0.4644−0.3218i
45.1	−2.0256−0.4750i	0.0178−0.0871i	0.5730+0.4209i	−2.2876−0.4394i	−0.0735+0.0080i	−1.1599+1.1787i	0.0913−0.2880i	0.3998−0.4516i
45.2	−2.0315−0.3845i	0.0186−0.0509i	0.5055+0.3258i	−2.3007−0.3328i	−0.0721+0.0032i	−0.9947+1.2209i	0.0951−0.2047i	0.3588−0.4093i
45.3	−2.0615−0.3743i	0.0581−0.0612i	0.5148+0.3401i	−2.3101−0.3162i	−0.0739+0.0157i	−0.8310+1.2793i	0.1725−0.2596i	0.3340−0.4671i
45.4	−2.0862−0.3354i	0.0637−0.0810i	0.4236+0.3159i	−2.3328−0.3059i	−0.0596+0.0473i	−0.5086+1.1033i	0.1170−0.1797i	0.2510−0.4344i
45.5	−2.0867−0.2650i	0.0572−0.0872i	0.4324+0.4216i	−2.3646−0.2328i	−0.0254+0.0107i	−0.7451+0.6918i	0.0487−0.1574i	0.2463−0.3059i
45.6	−2.0546−0.2514i	0.0593−0.0948i	0.5043+0.4627i	−2.3333−0.2094i	−0.0335+0.0103i	−0.9891+0.7373i	0.0691−0.0826i	0.3188−0.3341i
45.7	−2.0878−0.2651i	0.0658−0.0874i	0.5502+0.5237i	−2.3633−0.2235i	−0.0324+0.0363i	−0.9412+0.6941i	0.0701−0.1281i	0.2986−0.3833i
45.8	−2.1607−0.2145i	0.0805−0.0593i	0.7017+0.5173i	−2.4443−0.1482i	−0.0182+0.0319i	−1.1877+0.5945i	0.0348−0.1033i	0.3522−0.3432i
45.9	−2.1686−0.1242i	0.1025−0.0538i	0.7649+0.3573i	−2.4522−0.0348i	−0.0263−0.0292i	−1.3381+0.7648i	0.1297−0.0253i	0.3367−0.3491i
46.0	−2.1720−0.0867i	0.1055−0.0785i	0.7272+0.3183i	−2.4535+0.0106i	−0.0662−0.0146i	−1.2177+0.8401i	0.1233−0.0148i	0.2777−0.3815i
46.1	−2.2251−0.0285i	0.1135−0.1229i	0.7757+0.2876i	−2.4836+0.0968i	−0.0877−0.0032i	−1.2852+0.7921i	0.0497−0.0872i	0.2465−0.4063i
46.2	−2.1728+0.0334i	0.1017−0.1295i	0.6432+0.2538i	−2.3998+0.1466i	−0.0995−0.0056i	−1.2306+0.7247i	0.0796−0.0662i	0.2028−0.3754i
46.3	−2.1759+0.0352i	0.1156−0.0944i	0.6550+0.4009i	−2.4021+0.1389i	−0.0697+0.0180i	−1.3840+0.4335i	0.1159+0.0083i	0.2398−0.2284i
46.4	−2.2463+0.1420i	0.1511−0.1050i	0.8304+0.3481i	−2.4713+0.2473i	−0.0326−0.0349i	−1.7523+0.4428i	0.1558+0.0280i	0.3250−0.1987i
46.5	−2.1957+0.2450i	0.1227−0.1237i	0.8242+0.2268i	−2.4430+0.3417i	−0.0759−0.0528i	−1.7333+0.6298i	0.1874+0.0310i	0.3181−0.2149i
46.6	−2.1521+0.2690i	0.1006−0.1331i	0.7996+0.2252i	−2.4100+0.3804i	−0.1224−0.0325i	−1.6474+0.6858i	0.1857−0.0095i	0.2898−0.2275i
46.7	−2.1354+0.2842i	0.1326−0.1497i	0.7906+0.2307i	−2.3631+0.4062i	−0.1504+0.0128i	−1.7323+0.6791i	0.1468+0.0350i	0.3317−0.2066i
46.8	−2.1159+0.2834i	0.1422−0.1332i	0.7442+0.2891i	−2.3304+0.4304i	−0.1623+0.0100i	−1.7996+0.5429i	0.2067−0.0177i	0.3767−0.2069i
46.9	−2.1398+0.3110i	0.0998−0.1291i	0.8384+0.3105i	−2.3648+0.4627i	−0.1536+0.0354i	−1.9675+0.4780i	0.2804−0.0172i	0.4095−0.2231i
47.0	−2.1661+0.3947i	0.1205−0.1304i	0.9526+0.1509i	−2.3750+0.5540i	−0.1558+0.0474i	−2.1766+0.7936i	0.3537−0.0039i	0.5149−0.2932i
47.1	−2.1128+0.4879i	0.1437−0.1450i	0.7603+0.0422i	−2.3277+0.6284i	−0.1583+0.0744i	−2.0049+0.7888i	0.3136−0.0254i	0.4630−0.2693i
47.2	−2.0658+0.4775i	0.1204−0.1742i	0.7579+0.2166i	−2.2948+0.6221i	−0.1381+0.0805i	−2.1832+0.5425i	0.3294+0.0052i	0.4888−0.2136i
47.3	−2.0544+0.4790i	0.1197−0.2007i	0.8781+0.2799i	−2.2541+0.6400i	−0.1515+0.0800i	−2.3969+0.5897i	0.3224−0.0443i	0.5151−0.2611i
47.4	−2.0935+0.5079i	0.1140−0.2556i	0.9547+0.2873i	−2.2587+0.6608i	−0.1507+0.0890i	−2.4679+0.6868i	0.3096−0.1015i	0.5096−0.3290i
47.5	−2.0974+0.5596i	0.0638−0.2714i	0.9063+0.2610i	−2.2705+0.6999i	−0.1211+0.1024i	−2.4016+0.6396i	0.3026−0.1126i	0.4808−0.3180i
47.6	−2.0572+0.6134i	0.0172−0.1835i	1.1218+0.3406i	−2.2545+0.7970i	−0.0833+0.0719i	−3.0214+0.2779i	0.4141−0.0810i	0.6627−0.1961i
47.7	−2.0364+0.6536i	0.0453−0.1663i	1.3352+0.1041i	−2.2126+0.8278i	−0.0674+0.0607i	−3.5469+0.8423i	0.4778−0.0264i	0.7984−0.3100i
47.8	−1.9926+0.6567i	0.0679−0.1545i	1.2021−0.1945i	−2.1416+0.8141i	−0.1308+0.1586i	−3.2093+1.5838i	0.3930−0.1058i	0.7024−0.5109i
47.9	−1.9985+0.6395i	0.0468−0.1663i	1.0545−0.1052i	−2.1593+0.7979i	−0.1256+0.1770i	−2.8783+1.3648i	0.3057−0.1863i	0.5661−0.4850i
48.0	−2.0591+0.6861i	0.0293−0.1920i	1.2459−0.1539i	−2.2099+0.8505i	−0.1263+0.1504i	−3.2599+1.3675i	0.3224−0.2072i	0.6504−0.5088i
48.1	−1.9857+0.7265i	0.0113−0.1997i	1.0782−0.4080i	−2.1344+0.8779i	−0.1432+0.2055i	−3.1160+1.7485i	0.3044−0.1641i	0.5861−0.5765i
48.2	−1.9974+0.7505i	0.0011−0.2078i	0.9512−0.3204i	−2.1441+0.8968i	−0.0911+0.2361i	−3.0184+1.6150i	0.4039−0.0768i	0.6106−0.5570i
48.3	−2.0082+0.7693i	−0.0395−0.2231i	0.8944−0.2545i	−2.1493+0.9186i	−0.0796+0.2455i	−3.0345+1.6043i	0.3822−0.1191i	0.5762−0.5607i
48.4	−2.0249+0.7478i	−0.1088−0.1981i	0.9701−0.1383i	−2.1718+0.8930i	−0.0488+0.2467i	−3.0758+1.3997i	0.3634−0.1637i	0.5364−0.5208i
48.5	−2.0501+0.7351i	−0.0680−0.2049i	1.1323−0.0450i	−2.1572+0.8840i	−0.0274+0.1818i	−3.5417+1.2673i	0.3561−0.2628i	0.6175−0.5472i
48.6	−2.0934+0.7993i	−0.1028−0.2193i	1.3507−0.1941i	−2.1809+0.9161i	−0.0447+0.2079i	−3.9865+1.6565i	0.3172−0.0676i	0.7628−0.5486i
48.7	−2.0940+0.8722i	−0.1761−0.2055i	1.3027−0.4929i	−2.2093+0.9536i	−0.0384+0.2005i	−3.9219+2.0717i	0.3807−0.1613i	0.7134−0.7187i
48.8	−2.0545+0.9108i	−0.2413−0.1917i	1.0618−0.7664i	−2.2159+0.9466i	−0.0661+0.2121i	−3.5915+2.5584i	0.2479−0.2210i	0.4917−0.8316i
48.9	−2.0469+0.8982i	−0.3010−0.1132i	0.8670−0.6947i	−2.2637+0.9606i	−0.0944+0.2861i	−3.3247+2.4442i	0.0804−0.1003i	0.3329−0.6401i
49.0	−2.1285+0.8723i	−0.3268−0.0116i	0.7662−0.4292i	−2.3550+1.0083i	−0.0787+0.3175i	−3.1526+2.0576i	0.1670−0.0827i	0.3217−0.5590i
49.1	−2.1988+0.9077i	−0.2846+0.0011i	0.7256−0.2973i	−2.4061+1.0760i	−0.0235+0.2549i	−3.2830+1.7889i	0.3622−0.0786i	0.4636−0.5636i
49.2	−2.2162+0.9714i	−0.2275+0.1240i	0.8383−0.0745i	−2.4025+1.1917i	0.0538+0.2660i	−3.7339+1.3451i	0.4545−0.1269i	0.6065−0.5095i
49.3	−2.2552+1.0510i	−0.2110+0.1495i	1.2244+0.0211i	−2.3945+1.2665i	0.0118+0.1976i	−4.6385+1.3030i	0.3666−0.2962i	0.6806−0.5633i
49.4	−2.2984+1.1691i	−0.2564+0.0795i	1.4038−0.3316i	−2.4265+1.3084i	−0.0756+0.2073i	−5.0318+2.1560i	0.2916−0.3014i	0.6858−0.7849i
49.5	−2.3031+1.2609i	−0.4074+0.1145i	1.1505−0.6681i	−2.5259+1.3994i	−0.1316+0.2904i	−4.5346+2.9051i	0.3157−0.0923i	0.5675−0.8319i
49.6	−2.3591+1.2603i	−0.4118+0.1691i	1.0703−0.4817i	−2.5478+1.4410i	−0.1631+0.3238i	−4.7027+2.6155i	0.2265−0.0090i	0.5208−0.6370i
49.7	−2.4366+1.3496i	−0.3626+0.3468i	1.2185−0.2793i	−2.5871+1.5793i	−0.1480+0.3746i	−5.2951+2.5739i	0.3589−0.1277i	0.6329−0.7164i

49.8	−2.4802+1.4719i	−0.3570+0.3928i	1.4633−0.6066i	−2.6300+1.6696i	−0.1600+0.4530i	−5.5223+3.4877i	0.3683−0.1627i	0.6570−0.9460i
49.9	−2.4807+1.6363i	−0.4195+0.3833i	1.2139−0.9896i	−2.6765+1.8106i	−0.1434+0.4776i	−4.9827+4.3409i	0.4209−0.0332i	0.5475−1.0139i
50.0	−2.4933+1.7204i	−0.4980+0.4779i	1.1253−0.9575i	−2.7260+1.9112i	−0.1333+0.5618i	−4.8304+4.1732i	0.4972+0.0461i	0.5478−0.9206i
50.1	−2.5062+1.8753i	−0.4143+0.6431i	1.4060−0.9542i	−2.6689+2.0948i	−0.1430+0.6269i	−5.4664+4.3513i	0.3473+0.0103i	0.5629−0.8662i
50.2	−2.4229+2.0516i	−0.2520+0.8865i	1.2694−1.3683i	−2.5847+2.3309i	−0.0051+0.7694i	−5.3037+5.1690i	0.3716+0.0381i	0.4795−0.9820i
50.3	−2.3347+2.1755i	−0.0233+0.8202i	0.8127−1.4506i	−2.4681+2.4692i	0.2160+0.7155i	−4.6129+5.3031i	0.4707−0.0358i	0.3036−1.0209i
50.4	−2.2630+2.2243i	−0.0875+0.7805i	0.5718−1.2519i	−2.4100+2.5064i	0.1738+0.6899i	−4.3414+5.1241i	0.5445+0.1233i	0.3718−0.7979i
50.5	−2.2756+2.3628i	−0.1420+0.9898i	0.5172−1.1364i	−2.4447+2.7216i	0.1642+0.7712i	−4.5313+5.1347i	0.7115+0.1467i	0.5012−0.7425i
50.6	−2.2530+2.5243i	−0.0785+1.0286i	0.5736−1.0510i	−2.3801+2.9068i	0.2308+0.7815i	−4.5516+5.3749i	0.8304+0.1111i	0.5782−0.7734i
50.7	−2.2148+2.6929i	−0.1714+1.1658i	0.5178−1.0343i	−2.3189+3.1140i	0.1553+0.8042i	−4.3829+5.2967i	0.8050−0.0893i	0.4561−0.8051i
50.8	−2.1183+2.7955i	0.1681+1.2867i	0.5656−0.8239i	−2.0939+3.2264i	0.3142+0.8219i	−4.9748+5.2047i	0.9123−0.1461i	0.7217−0.8381i
50.9	−2.0301+2.9574i	0.2871+1.1319i	0.8853−0.9113i	−1.9422+3.2941i	0.3098+0.7516i	−5.3526+6.0936i	0.8254−0.2222i	0.7641−1.0250i
51.0	−1.8227+3.1955i	0.3551+1.2306i	0.5493−1.2258i	−1.7492+3.5542i	0.4465+0.8210i	−4.4130+6.7212i	0.9013−0.1712i	0.6207−1.0639i
51.1	−1.7175+3.2702i	0.3881+1.2514i	0.5079−1.0492i	−1.5921+3.6176i	0.4102+0.7772i	−4.5772+6.6177i	0.9934−0.2152i	0.8134−1.0346i
51.2	−1.4690+3.3228i	0.4112+1.2404i	0.6916−0.9492i	−1.3442+3.6060i	0.3347+0.7483i	−4.8697+6.9786i	0.9173−0.3934i	0.7931−1.1361i
51.3	−1.3422+3.4172i	0.7201+1.4784i	0.7643−1.1846i	−1.1517+3.7231i	0.5281+1.0042i	−4.8447+7.6934i	0.9693−0.3793i	0.8692−1.3506i
51.4	−1.1833+3.4977i	0.7972+1.4979i	0.6443−1.4914i	−0.9931+3.7616i	0.6392+1.0738i	−4.2409+8.4456i	1.0413−0.3399i	0.8551−1.5473i
51.5	−0.9716+3.5094i	0.9584+1.7730i	0.2517−1.2367i	−0.7298+3.8739i	0.7582+1.1201i	−3.5318+7.9812i	1.2184−0.5134i	0.8031−1.5330i
51.6	−0.8206+3.5555i	1.2408+1.6371i	0.2584−1.1330i	−0.4885+3.8681i	0.9207+1.0103i	−3.6767+8.0796i	1.2317−0.6720i	0.7767−1.6779i
51.7	−0.5687+3.6330i	1.1520+1.6546i	−0.0579−1.3084i	−0.2574+3.8729i	0.8947+1.1150i	−2.7752+8.9479i	1.0938−0.6612i	0.4710−1.6641i
51.8	−0.4569+3.5968i	1.3400+1.7832i	−0.2077−1.1008i	−0.0897+3.8202i	1.0284+1.1909i	−2.2852+8.7728i	1.1079−0.7582i	0.4114−1.5731i
51.9	−0.3144+3.6047i	1.5845+1.9453i	−0.1911−0.7197i	0.1112+3.7926i	1.1213+1.2322i	−2.1787+8.1331i	1.0996−0.8786i	0.5126−1.5276i
52.0	−0.0497+3.5930i	1.7988+2.3582i	0.2446−0.4596i	0.3034+3.7518i	1.1391+1.6046i	−3.1805+8.0684i	1.0867−0.9616i	0.7022−1.7574i
52.1	0.1339+3.5079i	2.6107+2.3310i	0.4074−0.6996i	0.5823+3.6847i	1.7010+1.6611i	−3.0810+9.1479i	1.0624−1.0845i	0.5650−2.0114i
52.2	0.2502+3.4231i	3.2093+2.1485i	0.2083−0.9049i	0.7794+3.5967i	2.1915+1.5566i	−2.1006+9.7967i	1.0268−1.1724i	0.2937−2.1148i
52.3	0.2789+3.3461i	3.9181+1.8576i	−0.2010−0.6931i	0.9841+3.4831i	2.7427+1.2922i	−0.8790+9.2372i	1.0235−1.2608i	0.1253−1.9020i
52.4	0.2890+3.3943i	4.5092+1.2494i	0.0774−0.2116i	1.1685+3.3053i	3.0431+0.9067i	−1.5249+8.3759i	0.9861−1.3812i	0.3775−1.8992i
52.5	0.5905+3.5284i	4.2818−0.1005i	0.7525−0.5435i	1.2494+2.9612i	2.9873+0.1906i	−2.3061+9.8782i	0.8122−1.4143i	0.2665−2.4039i
52.6	0.8976+3.4597i	3.4052−0.2292i	0.4902−1.0947i	1.1675+2.9105i	2.5368−0.0089i	−0.8366+10.8996i	0.6839−1.4754i	−0.2981−2.4659i
52.7	1.1082+3.2022i	3.2836+0.4531i	0.0686−0.4997i	1.2815+2.9301i	2.3613+0.2733i	−0.0304+9.3049i	0.6346−1.4589i	−0.3681−1.9960i
52.8	1.1609+3.0813i	3.9678+0.1612i	0.5540−0.2807i	1.4586+2.7875i	2.7990+0.1713i	−0.8572+9.2679i	0.6511−1.5211i	−0.1793−2.0237i
52.9	1.2286+2.9639i	4.1319+0.0686i	0.7662−0.4210i	1.5134+2.6857i	2.9959+0.2327i	−0.7846+9.6454i	0.6329−1.4441i	−0.1481−2.0037i
53.0	1.2915+2.7298i	5.0498+0.1437i	1.2023−0.6713i	1.7412+2.6103i	3.6680+0.2390i	−1.0140+10.2330i	0.5837−1.5601i	−0.1438−2.1223i
53.1	1.2979+2.6280i	5.5465−1.1076i	1.0387−1.2018i	1.9559+2.3220i	4.0106−0.7195i	0.0456+11.1648i	0.4215−1.7214i	−0.3810−2.3171i
53.2	1.3073+2.5681i	5.0025−2.2711i	0.5354−1.5255i	1.9050+2.0129i	3.6940−1.6176i	1.4726+11.4693i	0.2784−1.7638i	−0.7216−2.2895i
53.3	1.4165+2.4944i	3.9764−2.5511i	0.1572−1.0985i	1.7686+1.8188i	2.9784−1.8736i	2.4422+10.3399i	0.1576−1.7122i	−0.8432−1.9605i
53.4	1.6399+2.2714i	3.1527−1.5737i	0.9435−0.2182i	1.5708+1.7810i	2.3829−1.2964i	1.2288+8.5919i	0.1438−1.6923i	−0.4406−1.7048i
53.5	1.5502+2.1217i	3.9399−1.3005i	1.2966−0.8288i	1.6300+1.8495i	2.8963−1.2261i	0.8654+9.3901i	0.1693−1.7173i	−0.3417−1.8883i
53.6	1.4244+2.1647i	4.7349−2.1750i	0.8684−1.2157i	1.8204+1.7666i	3.3296−1.8178i	1.6959+9.3814i	0.0729−1.6604i	−0.4073−1.8805i
53.7	1.4140+2.2503i	5.1419−2.6322i	0.8544−1.1602i	1.9987+1.7458i	3.4983−2.1058i	1.5251+9.1294i	0.1043−1.6940i	−0.3004−1.9463i
53.8	1.5090+2.1670i	5.4500−3.3984i	1.2892−1.2953i	2.1612+1.4579i	3.6309−2.6124i	0.4646+9.5557i	0.1165−1.8367i	−0.1324−2.2436i
53.9	1.4938+2.0204i	5.6938−4.3997i	1.5286−1.8984i	2.1996+1.1170i	3.6956−3.2482i	0.1179+10.9911i	0.0180−2.0004i	−0.1897−2.6360i
54.0	1.5236+2.0287i	4.9407−5.3923i	1.1731−2.4078i	2.0155+0.8739i	3.2314−3.8749i	1.0721+11.8640i	−0.0665−1.9894i	−0.4974−2.9042i
54.1	1.6167+1.9998i	3.7486−5.7882i	0.3742−2.6237i	1.8267+0.7411i	2.4422−4.1319i	2.9040+11.8797i	−0.2195−1.8754i	−0.9690−2.7384i
54.2	1.6466+2.0138i	3.9585−6.2417i	0.2964−2.3817i	1.8666+0.6269i	2.4859−4.3660i	2.7122+11.6838i	−0.1513−1.9681i	−0.7637−2.7079i
54.3	1.7013+1.9487i	3.3477−7.1909i	0.2102−2.6344i	1.7851+0.3857i	2.0697−4.9703i	3.2904+12.6069i	−0.2964−2.1032i	−0.9622−3.0147i
54.4	1.8295+1.8826i	1.8733−7.5718i	−0.2840−2.7115i	1.5666+0.2466i	1.0558−5.2059i	5.0265+12.6263i	−0.5889−2.1516i	−1.4509−3.0387i
54.5	1.8843+1.8808i	0.8852−7.6740i	−0.7282−2.5729i	1.3830+0.2043i	0.4146−5.2533i	6.1915+12.1428i	−0.6933−2.1518i	−1.6957−2.9719i
54.6	1.9009+1.8518i	0.2946−7.5366i	−1.0582−2.2195i	1.2621+0.1774i	0.0627−5.1276i	6.9265+11.0720i	−0.7155−2.1200i	−1.8771−2.7202i
54.7	2.0005+1.7708i	0.1815−7.0124i	−0.9327−1.7596i	1.2534+0.2028i	−0.0588−4.8017i	6.4280+9.7883i	−0.6335−2.1025i	−1.6791−2.5030i
54.8	2.1293+1.5929i	−0.2316−7.0437i	−0.7565−1.9046i	1.1833+0.0949i	−0.3804−4.8396i	6.0307+10.0815i	−0.6668−2.2173i	−1.6382−2.7138i
54.9	2.1501+1.4180i	−1.2845−6.8906i	−1.0473−2.0457i	0.8914+0.0586i	−1.0550−4.6986i	6.9669+10.2886i	−0.8429−2.1524i	−2.0364−2.8172i
55.0	2.1795+1.3272i	−1.9837−6.5808i	−1.2757−1.9041i	0.7401+0.0797i	−1.4985−4.4619i	7.6949+9.9219i	−1.0622−2.1001i	−2.2836−2.7141i
55.1	2.1870+1.2499i	−2.3931−6.0709i	−1.3527−1.7090i	0.6586+0.1702i	−1.7715−4.1087i	8.0332+9.3524i	−1.2002−2.0639i	−2.4114−2.6195i
55.2	2.2319+1.1576i	−2.6512−5.5290i	−1.4394−1.5838i	0.6459+0.2960i	−1.9582−3.7493i	8.2888+8.8606i	−1.2799−1.9805i	−2.6027−2.4618i
55.3	2.2173+1.0403i	−2.7371−5.0500i	−1.5876−1.4053i	0.6313+0.3239i	−1.9938−3.3800i	8.5715+8.1688i	−1.3459−1.8828i	−2.6986−2.2608i
55.4	2.1728+0.9584i	−2.4686−4.8008i	−1.6171−1.1612i	0.6517+0.3411i	−1.7667−3.1883i	8.4797+7.5617i	−1.3245−1.8487i	−2.5693−2.1132i
55.5	2.1258+0.8742i	−2.2840−5.0874i	−1.3953−0.9751i	0.6632+0.2401i	−1.6222−3.2555i	7.9900+7.2971i	−1.3119−1.9272i	−2.4553−2.1752i
55.6	2.1089+0.7591i	−2.8507−4.9290i	−1.3834−0.9286i	0.5597+0.2330i	−1.9337−3.1624i	8.2367+7.0233i	−1.4336−1.9013i	−2.7315−2.1812i
55.7	2.1265+0.7093i	−3.3204−4.6253i	−1.4514−0.8457i	0.4634+0.2465i	−2.1805−2.9792i	8.5723+6.6081i	−1.6662−1.8391i	−2.9320−2.0770i
55.8	2.1690+0.6667i	−3.7156−4.4085i	−1.4796−0.6859i	0.4045+0.2906i	−2.3944−2.9300i	8.7554+6.3377i	−1.8730−1.9259i	−3.0787−2.0778i
55.9	2.2113+0.5933i	−3.8009−4.1964i	−1.4681−0.5244i	0.3985+0.3293i	−2.4516−2.8852i	8.6516+6.0151i	−2.0074−2.0174i	−3.1346−1.9734i
56.0	2.2493+0.4573i	−3.4999−3.7015i	−1.2493−0.2874i	0.3947+0.3639i	−2.2775−2.6331i	7.9286+5.3078i	−1.9274−1.8943i	−2.9119−1.8504i

56.1	2.1641+0.3479i	-3.6006-3.8566i	-1.1264-0.4247i	0.4040+0.3362i	-2.4239-2.6927i	7.8572+5.7653i	-2.1434-2.0799i	-3.1223-2.1766i
56.2	2.0964+0.3036i	-3.7499-3.6011i	-1.1892-0.4608i	0.3594+0.3688i	-2.4631-2.5254i	8.0741+5.6430i	-2.2941-1.9651i	-3.3601-2.0404i
56.3	2.1633+0.2061i	-4.2610-3.0512i	-1.1724-0.2968i	0.2771+0.4678i	-2.7308-2.2935i	8.2351+5.2242i	-2.6397-1.8379i	-3.7037-1.8391i
56.4	2.1787+0.1388i	-4.2867-2.7679i	-1.1639-0.2313i	0.2874+0.5213i	-2.7498-2.2232i	8.1768+5.0009i	-2.5437-1.8703i	-3.7380-1.7667i
56.5	2.1415+0.0218i	-4.1496-2.5860i	-1.1010-0.1581i	0.3686+0.5195i	-2.7708-2.1117i	8.1689+4.7397i	-2.7881-1.7680i	-3.8582-1.6952i
56.6	2.0993-0.0847i	-4.0998-2.2848i	-0.9876-0.1422i	0.3992+0.5305i	-2.7887-1.8920i	8.0896+4.5509i	-2.9868-1.5741i	-3.9818-1.5485i
56.7	2.0742-0.1583i	-4.2091-1.8973i	-0.9060-0.1632i	0.3525+0.5364i	-2.8448-1.6187i	7.9783+4.2758i	-3.0509-1.1470i	-3.9960-1.2543i
56.8	2.0665-0.2375i	-4.3041-1.6819i	-0.8937-0.1260i	0.3211+0.5993i	-2.9336-1.5872i	7.9126+4.2489i	-3.2283-0.9827i	-4.1343-1.1889i
56.9	2.0298-0.3789i	-4.1402-1.4765i	-0.8459-0.0843i	0.3718+0.6312i	-2.9382-1.5764i	7.8565+4.3199i	-3.3777-1.1064i	-4.3612-1.1941i
57.0	1.9632-0.4587i	-4.0069-1.3399i	-0.7917-0.1197i	0.3983+0.5997i	-2.9175-1.4583i	7.8115+4.1924i	-3.5820-0.8636i	-4.4692-0.9311i
57.1	1.9486-0.5540i	-3.8194-1.1211i	-0.7495-0.0343i	0.4543+0.5985i	-2.9296-1.3679i	7.6575+3.9479i	-3.5733-0.7926i	-4.4184-0.9207i
57.2	1.8579-0.7074i	-3.8979-1.1983i	-0.5998-0.0574i	0.4887+0.5337i	-3.1336-1.3678i	7.5447+4.1547i	-3.8546-0.8849i	-4.7495-1.0558i
57.3	1.7100-0.7806i	-4.1208-1.0127i	-0.5870-0.2200i	0.4215+0.4977i	-3.3559-1.1960i	7.8868+4.3905i	-4.3157-0.5327i	-5.2505-0.7608i
57.4	1.6632-0.7896i	-4.0410-0.8552i	-0.6686-0.1928i	0.4476+0.5196i	-3.3589-1.1399i	8.1619+4.3464i	-4.3765-0.5173i	-5.4639-0.7397i
57.5	1.5174-0.8366i	-3.8536-0.6542i	-0.6693-0.1946i	0.4098+0.5018i	-3.2705-0.9818i	8.2703+4.1996i	-4.5571-0.0680i	-5.7230-0.4248i
57.6	1.4362-0.8548i	-3.7987-0.4505i	-0.6228-0.1761i	0.4109+0.4913i	-3.3629-0.7327i	8.4276+3.9199i	-4.9372+0.5905i	-5.9554+0.0934i
57.7	1.3655-0.8709i	-3.6657-0.3106i	-0.6614-0.1480i	0.3926+0.5047i	-3.3336-0.5842i	8.4602+3.6761i	-4.7793+0.9923i	-5.9418+0.4476i
57.8	1.2688-0.8804i	-3.4864-0.2522i	-0.6578-0.1655i	0.4100+0.4682i	-3.3392-0.4405i	8.4879+3.5969i	-4.8810+1.3687i	-6.0668+0.8252i
57.9	1.2484-0.9046i	-3.4934-0.1051i	-0.6514-0.0530i	0.3526+0.4696i	-3.3176-0.2315i	8.7070+3.4490i	-4.5616+2.1373i	-5.8458+1.4470i
58.0	1.1517-0.9507i	-3.2858-0.0219i	-0.5161+0.0216i	0.3019+0.5068i	-3.1803-0.1849i	8.5112+3.0988i	-4.5133+2.0542i	-5.9765+1.4711i
58.1	1.0698-0.9701i	-2.9429+0.1882i	-0.4763-0.0427i	0.3318+0.5451i	-3.0480+0.0578i	8.3435+2.9296i	-4.3584+2.3425i	-5.7696+1.7956i
58.2	0.9817-0.9042i	-2.6839-0.5131i	-0.4442-0.2718i	0.3649+0.3947i	-2.9279-0.2414i	8.4397+3.2545i	-4.7990+2.7447i	-6.0892+1.8835i
58.3	0.9876-0.8283i	-3.4492-1.2728i	-0.6417-0.4805i	0.1821+0.2503i	-3.4590-0.6333i	9.1701+3.5087i	-5.4085+3.7076i	-7.0344+2.5479i
58.4	1.0064-0.8993i	-3.8605-0.6350i	-0.7172-0.2209i	0.0580+0.4260i	-3.7770-0.2121i	9.3395+2.7837i	-4.5629+4.1371i	-6.6603+3.2256i
58.5	0.9912-0.9619i	-3.9476-0.2548i	-0.7141-0.1761i	0.0241+0.5453i	-3.9027+0.1461i	9.2712+2.6380i	-3.8898+4.4353i	-6.1539+3.6215i
58.6	0.9441-1.0056i	-4.0280+0.0524i	-0.7356-0.1176i	-0.0058+0.6884i	-3.9005+0.4256i	9.3168+2.5560i	-3.5180+4.8227i	-5.9679+4.0597i
58.7	0.9028-1.0374i	-4.0564+0.2884i	-0.7261-0.0367i	-0.0194+0.8149i	-3.9229+0.6547i	9.4184+2.3872i	-3.3073+5.2163i	-5.8677+4.6053i
58.8	0.8331-1.0587i	-3.9407+0.4456i	-0.7200-0.0215i	0.0350+0.8902i	-3.8319+0.9074i	9.5053+2.1361i	-2.7387+5.6400i	-5.5561+5.0840i
58.9	0.7393-1.0096i	-3.7997+0.6063i	-0.7712-0.0157i	0.0870+0.9529i	-3.6148+1.1736i	9.5247+1.6742i	-2.0125+5.7289i	-4.9470+5.5923i
59.0	0.6960-1.0283i	-3.7642+0.8929i	-0.7197+0.0045i	0.1394+1.0791i	-3.6529+1.4603i	9.5751+1.5116i	-1.7522+6.0010i	-4.6966+6.1659i
59.1	0.6859-1.0852i	-3.8092+1.0812i	-0.7331+0.0589i	0.2150+1.1740i	-3.6123+1.6729i	9.7548+1.4386i	-0.9591+6.2262i	-4.2728+6.3143i
59.2	0.5710-1.1180i	-3.6496+1.2438i	-0.7107+0.1205i	0.3363+1.2141i	-3.4267+1.9036i	9.8315+1.0179i	-0.1281+6.2531i	-3.5844+6.6792i
59.3	0.5275-1.1366i	-3.5861+1.4403i	-0.7387+0.1105i	0.4350+1.2323i	-3.3680+2.1576i	9.9524+0.6766i	0.4041+6.4907i	-2.9373+7.2180i
59.4	0.4434-1.1696i	-3.4673+1.6615i	-0.6900+0.2133i	0.5401+1.2930i	-3.2178+2.3591i	9.9296+0.2599i	1.0790+6.1763i	-2.3216+7.1697i
59.5	0.4029-1.2267i	-3.5128+1.8470i	-0.6499+0.2987i	0.5965+1.3498i	-3.2062+2.5326i	10.0135+0.0675i	1.5723+6.1661i	-1.9796+7.1833i
59.6	0.3050-1.2138i	-3.4014+1.9898i	-0.5829+0.3426i	0.7126+1.3331i	-2.9533+2.7301i	9.8925-0.3245i	2.0929+5.6289i	-1.3982+7.0203i
59.7	0.1691-1.2032i	-3.1527+2.0731i	-0.4845+0.3489i	0.8759+1.3018i	-2.7279+2.8709i	9.8336-0.7087i	2.6404+5.5490i	-0.8145+7.3766i
59.8	0.1148-1.2080i	-3.0139+2.1245i	-0.4885+0.3681i	1.0060+1.3138i	-2.5646+2.9860i	10.0061-0.8537i	3.1254+5.4257i	-0.3905+7.3502i
59.9	0.0193-1.1527i	-2.7849+2.2904i	-0.3897+0.3428i	1.1508+1.2568i	-2.2509+3.1175i	9.6617-1.2577i	3.4522+4.8624i	0.3129+7.0489i
60.0	-0.0830-1.1189i	-2.7019+2.5089i	-0.3277+0.3589i	1.2360+1.2640i	-2.0184+3.3472i	9.5562-1.6187i	4.0903+4.5652i	0.9179+6.9321i
60.1	-0.1146-1.1597i	-2.5334+2.6662i	-0.2317+0.3974i	1.4070+1.1929i	-1.7755+3.5585i	9.5700-2.0016i	4.5595+4.2612i	1.3584+6.8983i
60.2	-0.2062-1.1131i	-2.1675+2.7079i	-0.2324+0.3731i	1.4881+1.0995i	-1.3979+3.5248i	9.1739-2.2122i	4.3490+3.5267i	1.6963+6.4631i
60.3	-0.3387-1.0930i	-1.9736+2.8410i	-0.0977+0.3514i	1.6024+1.0246i	-1.1854+3.5498i	8.9531-2.3670i	4.4894+3.0122i	2.0029+6.2263i
60.4	-0.4413-1.0639i	-1.7652+2.9040i	-0.0731+0.3918i	1.6616+0.9027i	-0.9275+3.5893i	8.8958-2.6320i	4.6758+2.2836i	2.1712+5.5532i
60.5	-0.5106-0.9561i	-1.5440+2.8268i	-0.0834+0.3157i	1.7225+0.7462i	-0.5976+3.4841i	8.6814-2.8450i	4.7570+1.9557i	2.5281+5.3018i
60.6	-0.6043-0.8526i	-1.2136+2.8081i	-0.0400+0.2014i	1.8020+0.5929i	-0.2188+3.3914i	8.4161-2.9677i	4.7451+1.6295i	2.8257+5.1005i
60.7	-0.6324-0.7730i	-1.0558+2.6878i	-0.0100+0.2333i	1.8193+0.4790i	-0.0123+3.2513i	8.1741-3.1650i	4.6442+1.2934i	2.9045+4.6702i
60.8	-0.6760-0.6865i	-0.8311+2.5563i	0.0635+0.2240i	1.8601+0.3829i	0.1212+3.0872i	7.9244-3.2564i	4.2710+0.8448i	2.6813+4.5012i
60.9	-0.6686-0.5612i	-0.6951+2.5189i	0.1107+0.1291i	1.8766+0.2536i	0.2395+2.9597i	7.7461-3.4170i	4.2913+0.5007i	2.9012+4.1619i
61.0	-0.6671-0.5299i	-0.6224+2.5305i	0.1340+0.1092i	1.8459+0.1580i	0.3030+2.8688i	7.5594-3.4602i	4.0824+0.1971i	2.9541+3.7532i
61.1	-0.6865-0.4330i	-0.5314+2.4339i	0.1975+0.0553i	1.8823+0.0383i	0.4087+2.7858i	7.5023-3.6600i	4.1467-0.1373i	2.9164+3.5130i
61.2	-0.7088-0.3283i	-0.4086+2.3314i	0.2126-0.0306i	1.8988-0.1228i	0.6267+2.5994i	7.4160-3.8006i	4.3476-0.6788i	3.2060+2.9936i
61.3	-0.7305-0.2803i	-0.3086+2.2827i	0.2247-0.0536i	1.8280-0.2156i	0.7498+2.4888i	7.0840-3.9278i	4.0359-0.9437i	3.0028+2.7459i
61.4	-0.7286-0.2177i	-0.2338+2.1731i	0.1878-0.0930i	1.8070-0.3467i	0.8753+2.3464i	6.9808-4.1050i	3.9964-1.2156i	3.2228+2.4718i
61.5	-0.7493-0.1157i	-0.1449+2.0997i	0.2130-0.2223i	1.7692-0.4968i	0.9810+2.2137i	6.7746-4.1858i	4.0032-1.4943i	3.3815+2.2727i
61.6	-0.7246-0.0066i	-0.0506+2.0293i	0.2174-0.2731i	1.6917-0.6279i	1.0457+2.0278i	6.5244-4.3799i	3.5990-1.6500i	3.1834+2.1906i
61.7	-0.6921+0.0477i	0.0148+1.9580i	0.1765-0.2539i	1.6348-0.6997i	1.1108+1.8973i	6.3467-4.5434i	3.4056-1.8509i	3.2431+2.0251i
61.8	-0.6490+0.1232i	0.1072+1.8669i	0.1308-0.3309i	1.5745-0.7815i	1.1122+1.7941i	6.1336-4.6308i	3.1005-1.7953i	3.2234+2.0770i
61.9	-0.6020+0.1868i	0.2000+1.8184i	0.1238-0.3511i	1.4950-0.8847i	1.1586+1.6757i	5.8514-4.7647i	3.0318-2.0439i	3.3399+1.8046i
62.0	-0.5179+0.2268i	0.1379+1.7754i	0.0311-0.3679i	1.4101-0.9570i	1.0978+1.5281i	5.6968-4.8698i	2.8727-2.4555i	3.3557+1.1352i
62.1	-0.5177+0.3140i	0.2067+1.5755i	0.0780-0.4239i	1.3044-1.0964i	1.1673+1.3787i	5.3875-4.9284i	2.4752-2.3925i	2.9644+1.2755i
62.2	-0.4472+0.3332i	0.2311+1.5093i	-0.0078-0.4401i	1.1905-1.1444i	1.1636+1.2912i	5.1697-4.9008i	2.1533-2.2679i	3.1591+1.0634i
62.3	-0.3813+0.3667i	0.2744+1.5030i	-0.0051-0.4620i	1.0856-1.1656i	1.1416+1.1596i	4.8616-4.8534i	1.8813-2.4946i	2.8495+0.7665i

62.4	-0.3551+0.4218i	0.2617+1.3569i	0.0062-0.4618i	0.9580-1.2321i	1.1615+1.0596i	4.6359-4.9068i	1.7069-2.4064i	2.7023+0.8682i
62.5	-0.3006+0.4298i	0.2584+1.2303i	-0.0473-0.4637i	0.8417-1.2590i	1.1094+0.9835i	4.4937-4.9186i	1.5072-2.3755i	2.6488+0.9628i
62.6	-0.2673+0.4362i	0.3017+1.2042i	-0.0952-0.4263i	0.7662-1.2646i	1.0831+0.9637i	4.3764-4.9277i	1.4695-2.4267i	2.7087+0.7864i
62.7	-0.2036+0.4337i	0.2801+1.1578i	-0.0926-0.4783i	0.6047-1.2403i	1.0241+0.8505i	4.0148-4.6585i	1.2954-2.2990i	2.5311+0.5584i
62.8	-0.1268+0.4347i	0.3072+1.1224i	-0.1409-0.4864i	0.5290-1.2330i	0.9964+0.7959i	3.8787-4.6744i	1.1002-2.3869i	2.3847+0.3254i
62.9	-0.0684+0.4322i	0.2762+1.1171i	-0.1638-0.4774i	0.4540-1.2013i	0.9944+0.7554i	3.6762-4.6988i	1.0010-2.3978i	2.2785+0.2025i
63.0	-0.0502+0.4448i	0.2361+1.0173i	-0.1743-0.4624i	0.3487-1.2054i	0.9617+0.7009i	3.5126-4.6770i	0.7831-2.3547i	2.1882+0.1583i
63.1	0.0114+0.4452i	0.2604+0.9938i	-0.2186-0.4728i	0.2571-1.1902i	0.9408+0.6753i	3.3190-4.6421i	0.7322-2.3558i	2.1220-0.0138i
63.2	0.0524+0.4354i	0.2678+0.9572i	-0.2406-0.4934i	0.1948-1.1603i	0.9404+0.6396i	3.1599-4.5183i	0.5894-2.3376i	2.1366+0.0071i
63.3	0.0822+0.4271i	0.2688+0.8888i	-0.2340-0.4720i	0.1085-1.1409i	0.9555+0.5585i	2.9738-4.4531i	0.4127-2.3144i	1.9869+0.0351i
63.4	0.1239+0.3852i	0.2589+0.8484i	-0.2690-0.4357i	0.0527-1.0964i	0.9226+0.5225i	2.7790-4.3826i	0.2687-2.0571i	2.0115-0.0435i
63.5	0.1694+0.4035i	0.2750+0.8021i	-0.2634-0.4758i	-0.0226-1.0634i	0.9238+0.4823i	2.6816-4.2705i	0.2268-2.1706i	1.9486+0.0594i
63.6	0.2530+0.3885i	0.2892+0.7924i	-0.2963-0.5277i	-0.0942-0.9938i	0.8782+0.4337i	2.6230-4.1614i	0.1108-2.2578i	1.8379+0.1221i
63.7	0.2893+0.3256i	0.2922+0.7520i	-0.3292-0.5162i	-0.1365-0.9602i	0.8665+0.4094i	2.4939-4.0736i	-0.0230-2.2230i	1.8040+0.0769i
63.8	0.3091+0.2639i	0.3121+0.7523i	-0.3331-0.4917i	-0.1876-0.9045i	0.8545+0.4033i	2.3131-4.0209i	-0.1411-2.1345i	1.5535-0.1309i
63.9	0.3409+0.2242i	0.2949+0.7016i	-0.3408-0.4823i	-0.2413-0.8540i	0.8711+0.3596i	2.1612-3.9489i	-0.1287-2.0294i	1.3953-0.0531i
64.0	0.3851+0.1676i	0.2808+0.6754i	-0.3640-0.4843i	-0.2599-0.7944i	0.8685+0.2962i	2.0697-3.9177i	-0.1375-2.0306i	1.4798-0.1956i
64.1	0.3707+0.1253i	0.2953+0.6242i	-0.4035-0.4630i	-0.2761-0.7561i	0.8688+0.2452i	2.0213-3.8243i	-0.3841-1.8576i	1.5699-0.0912i
64.2	0.3636+0.0749i	0.2963+0.5790i	-0.4068-0.4836i	-0.3020-0.6715i	0.8510+0.1613i	1.9410-3.5803i	-0.4219-1.7443i	1.4663+0.0160i
64.3	0.3464+0.0782i	0.2921+0.5160i	-0.3719-0.5473i	-0.2923-0.6454i	0.8572+0.0803i	1.8528-3.4785i	-0.4789-1.7341i	1.4646+0.1291i
64.4	0.3259+0.0668i	0.2557+0.4775i	-0.3491-0.5537i	-0.3056-0.6286i	0.8193+0.0650i	1.7735-3.4247i	-0.3878-1.7067i	1.3563-0.0734i
64.5	0.3245+0.0018i	0.2410+0.4375i	-0.4060-0.5448i	-0.3088-0.5966i	0.7440+0.0338i	1.6809-3.3612i	-0.4463-1.5728i	1.3248-0.0404i
64.6	0.3184-0.0416i	0.2437+0.4404i	-0.4413-0.5469i	-0.3066-0.5657i	0.7037+0.0135i	1.5922-3.2454i	-0.6190-1.5067i	1.2968-0.0046i
64.7	0.2941-0.0751i	0.2297+0.4270i	-0.4399-0.5417i	-0.3127-0.5305i	0.6460-0.0306i	1.5496-3.1414i	-0.6228-1.5027i	1.1869-0.0109i
64.8	0.2747-0.0883i	0.2405+0.4216i	-0.4103-0.5346i	-0.3247-0.4850i	0.6284-0.0696i	1.4852-3.0433i	-0.5711-1.5360i	0.9012-0.0602i
64.9	0.2449-0.0878i	0.1941+0.4141i	-0.4215-0.5265i	-0.3527-0.4631i	0.5951-0.0721i	1.4068-2.9139i	-0.5080-1.3792i	1.1393-0.2055i
65.0	0.2368-0.1025i	0.1656+0.3865i	-0.4620-0.5657i	-0.3652-0.4724i	0.5642-0.0975i	1.3622-2.8066i	-0.6428-1.3938i	1.1304-0.2338i
65.1	0.2233-0.1691i	0.1458+0.3585i	-0.5297-0.5501i	-0.3650-0.4273i	0.5241-0.1141i	1.3326-2.7009i	-0.7703-1.3760i	1.2184-0.0689i
65.2	0.2237-0.1763i	0.1051+0.3439i	-0.5297-0.5623i	-0.3910-0.4237i	0.5200-0.1313i	1.2669-2.6260i	-0.6914-1.2765i	1.2217-0.1255i
65.3	0.1870-0.1724i	0.1190+0.3254i	-0.5518-0.5970i	-0.3956-0.3842i	0.5005-0.1306i	1.2481-2.4565i	-0.6770-1.2528i	1.0293-0.1601i
65.4	0.1764-0.1933i	0.0830+0.3335i	-0.5888-0.5636i	-0.3962-0.3618i	0.4484-0.1358i	1.2976-2.3747i	-0.6535-1.1970i	1.0782-0.2508i
65.5	0.1396-0.2076i	0.0707+0.3169i	-0.6254-0.5661i	-0.3904-0.3440i	0.4306-0.1620i	1.2707-2.2837i	-0.7728-1.0944i	1.1174-0.2023i
65.6	0.1472-0.2446i	0.0581+0.3379i	-0.6920-0.6052i	-0.3764-0.3157i	0.3962-0.1963i	1.2835-2.2238i	-0.8398-1.2199i	0.9592-0.1737i
65.7	0.1264-0.2631i	0.0352+0.3298i	-0.7069-0.5877i	-0.3899-0.3189i	0.3805-0.1928i	1.2544-2.1681i	-0.7469-1.1190i	0.9386-0.3143i
65.8	0.0819-0.2248i	0.0600+0.3108i	-0.6720-0.5920i	-0.3835-0.3028i	0.3776-0.1332i	1.2409-2.0411i	-0.7179-1.0820i	0.7405-0.2533i
65.9	0.0396-0.2418i	0.0979+0.3286i	-0.6911-0.5562i	-0.3736-0.2792i	0.3376-0.1460i	1.2181-1.9739i	-0.8269-1.0417i	0.6573-0.1985i
66.0	0.0102-0.2427i	0.0806+0.3125i	-0.7356-0.5540i	-0.3803-0.2827i	0.3052-0.1665i	1.2375-1.8931i	-0.9212-0.9325i	0.7242-0.0845i
66.1	0.0137-0.2439i	0.0474+0.2843i	-0.7682-0.5654i	-0.3884-0.2604i	0.2777-0.1994i	1.3187-1.7482i	-0.8439-0.8313i	0.7901-0.1131i
66.2	0.0179-0.2690i	0.0484+0.2845i	-0.7967-0.5790i	-0.3766-0.2506i	0.2517-0.1825i	1.3370-1.6572i	-0.8486-0.8781i	0.7071-0.1149i
66.3	0.0300-0.3116i	0.0408+0.3146i	-0.8627-0.5863i	-0.3895-0.2577i	0.2279-0.1727i	1.3726-1.6298i	-0.6881-0.8574i	0.5304-0.2498i
66.4	0.0211-0.3232i	0.0210+0.3110i	-0.9226-0.5710i	-0.4104-0.2545i	0.2263-0.1957i	1.4264-1.5801i	-0.6568-0.7876i	0.6131-0.2418i
66.5	-0.0364-0.3397i	-0.0022+0.2848i	-0.9860-0.5538i	-0.4178-0.2342i	0.2016-0.1759i	1.5280-1.4503i	-0.6737-0.8566i	0.6075-0.1270i
66.6	-0.1010-0.3528i	0.0301+0.2794i	-1.0012-0.5202i	-0.4166-0.2133i	0.1705-0.1634i	1.5873-1.3548i	-0.7335-0.9452i	0.4616-0.0247i
66.7	-0.1084-0.3884i	0.0320+0.2670i	-1.0831-0.5272i	-0.4258-0.2555i	0.1582-0.2329i	1.6048-1.3381i	-0.6756-0.8896i	0.3892-0.0784i
66.8	-0.1528-0.4287i	0.0098+0.2738i	-1.1803-0.4879i	-0.4468-0.2759i	0.1541-0.2386i	1.6940-1.3078i	-0.7701-0.7805i	0.5845+0.0008i
66.9	-0.2483-0.4393i	0.0294+0.3028i	-1.1866-0.4086i	-0.4716-0.2343i	0.1422-0.1989i	1.7730-1.3018i	-0.6994-0.7717i	0.5304+0.0220i
67.0	-0.2871-0.4269i	0.0426+0.3211i	-1.2093-0.4086i	-0.4831-0.2114i	0.0820-0.1677i	1.7924-1.2225i	-0.6522-0.8426i	0.4669+0.0064i
67.1	-0.3278-0.3990i	0.0603+0.2771i	-1.2155-0.4232i	-0.4898-0.2116i	0.0666-0.1894i	1.8103-1.1393i	-0.5982-0.9672i	0.3297+0.0390i
67.2	-0.4171-0.3557i	0.0618+0.2743i	-1.2410-0.3572i	-0.5071-0.1770i	0.0694-0.1951i	1.9207-1.1509i	-0.6889-0.8771i	0.3510+0.0772i
67.3	-0.4403-0.4197i	0.0793+0.3270i	-1.3254-0.3292i	-0.5136-0.1869i	0.0787-0.1585i	1.9859-1.1567i	-0.6830-0.8021i	0.4073-0.1044i
67.4	-0.5173-0.3934i	0.1017+0.3501i	-1.3671-0.2504i	-0.5232-0.1609i	0.0830-0.1321i	2.1418-1.1760i	-0.8608-0.8149i	0.5118+0.1067i
67.5	-0.6040-0.3003i	0.1194+0.2770i	-1.3286-0.1771i	-0.5570-0.1255i	0.0734-0.1861i	2.2338-1.1717i	-0.7671-0.7127i	0.4555+0.1373i
67.6	-0.6148-0.2821i	0.0924+0.2542i	-1.3574-0.1916i	-0.6196-0.1311i	0.0401-0.2122i	2.2529-1.1342i	-0.7182-0.8273i	0.3363+0.1681i
67.7	-0.6572-0.2376i	0.1102+0.2432i	-1.3488-0.1278i	-0.5996-0.1093i	0.0504-0.1812i	2.3305-1.1225i	-0.6264-0.7936i	0.3394+0.1156i
67.8	-0.7114-0.2028i	0.1356+0.2003i	-1.3852-0.0881i	-0.6165-0.0919i	0.0245-0.1996i	2.3957-1.1507i	-0.7629-0.9583i	0.3017+0.3298i
67.9	-0.7725-0.1905i	0.1308+0.2133i	-1.5190-0.0434i	-0.6856-0.1044i	0.0320-0.2495i	2.5477-1.1479i	-0.9644-0.9599i	0.3705+0.4862i
68.0	-0.7683-0.1548i	0.0992+0.2077i	-1.5420-0.0518i	-0.7157-0.0752i	-0.0006-0.2720i	2.5675-1.1136i	-0.9005-0.9294i	0.3778+0.3801i
68.1	-0.8115-0.1171i	0.0760+0.2194i	-1.5288+0.0115i	-0.7331-0.0417i	-0.0463-0.2536i	2.6704-1.1636i	-0.9136-0.9925i	0.4545+0.3798i
68.2	-0.8968-0.0358i	0.0960+0.1888i	-1.5773+0.1275i	-0.7691-0.0006i	-0.0358-0.2605i	2.8676-1.2528i	-0.9557-0.9711i	0.4758+0.4161i
68.3	-0.8969+0.0023i	0.0737+0.1741i	-1.6214+0.1055i	-0.8059+0.0112i	-0.0700-0.2493i	2.9194-1.2808i	-0.9736-1.0578i	0.5155+0.4549i
68.4	-0.9095+0.0315i	0.0829+0.1836i	-1.6097+0.1272i	-0.7996+0.0615i	-0.1164-0.2293i	2.9539-1.3219i	-1.0676-1.0799i	0.5078+0.5002i
68.5	-0.9349+0.1161i	0.0886+0.1535i	-1.6701+0.2155i	-0.8000+0.1323i	-0.1243-0.2219i	3.1287-1.4635i	-1.3034-1.0322i	0.6360+0.6055i
68.6	-0.9846+0.2332i	0.0827+0.1640i	-1.6121+0.3631i	-0.8090+0.2085i	-0.1421-0.1809i	3.1751-1.6224i	-1.2163-0.8376i	0.7195+0.5035i

68.7	−1.0251+0.2480i	0.0787+0.1859i	−1.7063+0.4286i	−0.8494+0.2366i	−0.1504−0.1673i	3.3000−1.6979i	−1.2424−0.8533i	0.7381+0.4722i
68.8	−1.0364+0.3254i	0.0930+0.1643i	−1.7261+0.5464i	−0.8875+0.2784i	−0.1731−0.1999i	3.2854−1.8462i	−1.2149−0.9100i	0.6347+0.4918i
68.9	−1.0558+0.4701i	0.0606+0.1417i	−1.6413+0.6689i	−0.8642+0.3544i	−0.2254−0.2312i	3.3705−2.0842i	−1.3081−0.9452i	0.7107+0.5506i
69.0	−1.0629+0.4634i	0.0344+0.1432i	−1.7906+0.6758i	−0.9304+0.3840i	−0.2454−0.2213i	3.5121−2.1344i	−1.5121−0.7734i	0.9277+0.5289i
69.1	−1.0889+0.4914i	0.0202+0.1210i	−1.8108+0.7013i	−0.9780+0.4275i	−0.2764−0.1923i	3.5918−2.2330i	−1.5226−0.8430i	0.9385+0.5957i
69.2	−1.1310+0.5885i	0.0264+0.1480i	−1.8743+0.8658i	−1.0115+0.5589i	−0.3166−0.1791i	3.6936−2.5618i	−1.4222−0.9401i	0.8310+0.5469i
69.3	−1.1161+0.6969i	0.0353+0.1586i	−1.8328+0.9326i	−0.9389+0.6721i	−0.3132−0.1322i	3.6064−2.7346i	−1.7535−1.0366i	1.0336+0.7031i
69.4	−1.1360+0.8086i	0.0422+0.1606i	−1.8232+1.0690i	−0.8947+0.7668i	−0.3042−0.0738i	3.5222−2.9569i	−2.1345−0.9410i	1.2954+0.8089i
69.5	−1.1642+0.9010i	0.0550+0.1501i	−1.8269+1.1331i	−0.8760+0.8222i	−0.3029−0.0594i	3.4962−3.0497i	−2.2379−0.9406i	1.3826+0.8306i
69.6	−1.1944+1.0557i	0.0999+0.1330i	−1.8036+1.3658i	−0.8394+0.9149i	−0.2695−0.0997i	3.4770−3.3718i	−2.2945−0.7491i	1.3901+0.6819i
69.7	−1.0919+1.2119i	0.0830+0.1182i	−1.5219+1.6555i	−0.7231+1.0758i	−0.3469−0.1181i	3.0980−3.7122i	−2.3562−0.7002i	1.4027+0.7162i
69.8	−1.0609+1.3308i	0.0770+0.1403i	−1.5552+1.9226i	−0.6848+1.2287i	−0.3941−0.1379i	3.0182−4.0983i	−2.5619−0.4129i	1.5102+0.5461i
69.9	−1.0827+1.4585i	0.0845+0.1210i	−1.5090+1.9611i	−0.6485+1.2472i	−0.3954−0.1541i	3.0328−4.2172i	−2.6988+0.0757i	1.7400+0.2751i
70.0	−1.1121+1.5794i	0.0929+0.1387i	−1.4754+2.2376i	−0.5946+1.4356i	−0.5292−0.1266i	2.8272−4.5073i	−2.5931+0.3298i	1.6193+0.1121i
70.1	−0.9726+1.6800i	0.1029+0.1388i	−1.2422+2.3272i	−0.4221+1.4750i	−0.5706−0.0890i	2.4230−4.6106i	−2.4313+0.5708i	1.5586+0.0212i
70.2	−0.8396+1.7911i	0.1267+0.1078i	−1.0510+2.3697i	−0.2568+1.4793i	−0.5732−0.0266i	2.0621−4.6300i	−2.2828+1.0231i	1.6023−0.1915i
70.3	−0.6917+1.9548i	0.1729+0.0798i	−0.7355+2.4493i	−0.0400+1.4918i	−0.5623+0.0744i	1.6195−4.6931i	−2.1827+1.1433i	1.5770−0.1726i
70.4	−0.4875+2.1432i	0.1593+0.0387i	−0.3157+2.4484i	0.1500+1.4493i	−0.5600+0.1410i	1.1928−4.7086i	−1.7772+1.0795i	1.4801−0.1414i
70.5	−0.3221+2.2896i	0.1864−0.0136i	0.0227+2.5539i	0.3188+1.4093i	−0.5172+0.1774i	0.7884−4.7507i	−1.2523+1.0848i	1.2411−0.2482i
70.6	−0.0823+2.3256i	0.1685−0.0599i	0.3433+2.4119i	0.4645+1.3228i	−0.5091+0.2265i	0.3605−4.4715i	−1.1033+0.8967i	1.0846−0.1335i
70.7	0.1123+2.3744i	0.1591−0.0478i	0.4317+2.2686i	0.5391+1.2572i	−0.4867+0.2789i	0.2645−4.3665i	−1.2703+0.9032i	1.3443−0.2312i
70.8	0.3354+2.2167i	0.1219−0.0724i	0.5932+2.0418i	0.5811+1.1195i	−0.4207+0.2429i	0.1303−3.9959i	−1.0583+0.8562i	1.3392−0.3238i
70.9	0.5296+2.2112i	0.1174−0.1088i	0.8391+1.9148i	0.6471+1.0425i	−0.3745+0.2364i	−0.0640−3.8009i	−0.7717+0.8735i	1.2865−0.4088i
71.0	0.7087+2.2490i	0.0870−0.1128i	0.9065+1.8000i	0.6915+0.9978i	−0.3479+0.2759i	−0.1508−3.7284i	−0.8960+0.7036i	1.3857−0.2928i
71.1	0.8939+2.0812i	0.0449−0.1002i	1.0238+1.5563i	0.7396+0.8815i	−0.3386+0.2232i	−0.2746−3.4340i	−0.8054+0.5782i	1.3236−0.3836i
71.2	1.0312+1.8965i	0.0330−0.1123i	1.2033+1.3533i	0.8024+0.7773i	−0.3148+0.1721i	−0.4272−3.0440i	−0.6847+0.3466i	1.1400−0.3046i
71.3	1.0529+1.7405i	0.0347−0.0961i	1.1699+1.3065i	0.8055+0.7190i	−0.3649+0.1995i	−0.4226−2.8678i	−0.7788+0.4323i	1.2286−0.2913i
71.4	1.1689+1.6333i	0.0064−0.1072i	1.1821+0.7932i	0.8059+0.5627i	−0.3953+0.2097i	−0.3315−2.5489i	−1.0224+0.2913i	1.3869−0.2748i
71.5	1.2213+1.4765i	−0.0081−0.1355i	1.0869+0.4823i	0.7615+0.4242i	−0.4074+0.1562i	−0.1946−2.3880i	−1.1071+0.1155i	1.3772−0.3209i
71.6	1.1839+1.3294i	−0.0075−0.1446i	0.8338+0.4228i	0.6907+0.3458i	−0.4558+0.2032i	−0.0084−2.3452i	−1.1979+0.2188i	1.3990−0.3701i
71.7	1.1823+1.3087i	−0.0198−0.1320i	1.0213+0.3648i	0.7266+0.3309i	−0.4757+0.2303i	−0.1100−2.2059i	−1.3178+0.1392i	1.5251−0.2080i
71.8	1.2089+1.2386i	−0.0464−0.1220i	0.8034+0.1395i	0.6569+0.2619i	−0.5186+0.2763i	0.0640−2.1738i	−1.5520+0.3419i	1.7781−0.3560i
71.9	1.2237+1.1626i	−0.0264−0.1547i	0.8452+0.0565i	0.6601+0.2199i	−0.5191+0.2733i	0.0147−2.0793i	−1.2781+0.2986i	1.5561−0.5768i
72.0	1.2715+1.1447i	−0.0555−0.1620i	0.7092−0.1138i	0.6001+0.1664i	−0.5687+0.3251i	0.0784−2.0341i	−1.4938+0.3591i	1.6316−0.6573i
72.1	1.3602+1.0407i	−0.0979−0.1560i	0.1700−0.2573i	0.4454+0.1252i	−0.5685+0.3944i	0.2877−2.2054i	−1.6913+0.6169i	1.6879−0.9701i
72.2	1.3577+1.0170i	−0.0749−0.1487i	0.2380−0.3242i	0.4439+0.1199i	−0.5514+0.4029i	0.2515−2.1177i	−1.7081+0.4129i	1.4972−0.9564i
72.3	1.3437+1.0074i	−0.0722−0.1600i	0.2158−0.3723i	0.4166+0.1017i	−0.5446+0.4289i	0.2888−2.0235i	−1.6823+0.5792i	1.5388−1.0332i
72.4	1.3715+0.9852i	−0.0723−0.1516i	0.1901−0.3299i	0.4092+0.0998i	−0.5723+0.4719i	0.2606−2.0732i	−1.5680+0.8811i	1.6280−1.2719i
72.5	1.3740+0.9192i	−0.0688−0.1800i	0.0535−0.3006i	0.3693+0.0858i	−0.5286+0.5012i	0.1329−2.1255i	−1.6286+0.7774i	1.3203−1.2852i
72.6	1.4323+0.8574i	−0.1007−0.2081i	−0.1701−0.2788i	0.3429+0.0877i	−0.4969+0.5717i	0.1613−2.1437i	−1.6335+1.0013i	1.3155−1.3526i
72.7	1.4762+0.8106i	−0.1337−0.2284i	−0.4131−0.3480i	0.2899+0.1199i	−0.4718+0.6597i	0.2506−2.0779i	−1.7873+1.3159i	1.4067−1.3677i
72.8	1.4542+0.7383i	−0.1636−0.2040i	−0.5090−0.1895i	0.2598+0.1566i	−0.4375+0.6861i	0.1957−2.1025i	−1.6474+1.4991i	1.3554−1.4262i
72.9	1.4861+0.6778i	−0.1956−0.1890i	−0.6385−0.1050i	0.2265+0.1794i	−0.3888+0.7437i	0.1377−2.1451i	−1.5986+1.5676i	1.1734−1.5327i
73.0	1.5308+0.6731i	−0.2194−0.2170i	−0.6892−0.2802i	0.2031+0.1811i	−0.3500+0.7788i	0.1511−2.0466i	−1.6007+1.4705i	1.0684−1.5781i
73.1	1.5231+0.6727i	−0.2112−0.2514i	−0.6433−0.2370i	0.2133+0.2037i	−0.3643+0.7851i	0.0850−1.9688i	−1.4595+1.7129i	1.1022−1.5227i
73.2	1.4702+0.6147i	−0.1900−0.2146i	−0.7011−0.0280i	0.2130+0.2450i	−0.3353+0.7715i	0.0415−1.9893i	−1.3003+1.9432i	1.0117−1.5287i
73.3	1.4894+0.5575i	−0.2310−0.1778i	−0.7851+0.1992i	0.2160+0.2849i	−0.3059+0.7934i	−0.0680−2.0656i	−1.2555+2.0765i	0.9746−1.6177i
73.4	1.5051+0.4839i	−0.2342−0.1690i	−0.7106+0.3382i	0.2605+0.3085i	−0.2414+0.7925i	−0.1940−2.0307i	−0.8543+1.9528i	0.7572−1.7489i
73.5	1.5158+0.4544i	−0.2591−0.1510i	−0.8045+0.3498i	0.2647+0.3494i	−0.1946+0.8010i	−0.2176−1.9928i	−0.6351+1.8211i	0.6036−1.8038i
73.6	1.4885+0.4117i	−0.2442−0.1447i	−0.8581+0.4426i	0.2918+0.3298i	−0.2354+0.7820i	−0.2863−1.8671i	−0.5373+1.9837i	0.5561−1.6809i
73.7	1.5293+0.2730i	−0.2853−0.1375i	−0.9478+0.6714i	0.2977+0.3583i	−0.1691+0.8289i	−0.3442−1.8331i	−0.4332+2.0315i	0.4813−1.6291i
73.8	1.4774+0.2523i	−0.2448−0.1539i	−0.6425+0.6905i	0.3434+0.3219i	−0.1800+0.8394i	−0.4821−1.6679i	−0.3174+1.8530i	0.4351−1.5480i
73.9	1.4756+0.2037i	−0.2584−0.1675i	−0.6042+0.6590i	0.3585+0.3083i	−0.1042+0.8709i	−0.4700−1.5241i	−0.2094+1.8601i	0.3906−1.5328i
74.0	1.4791+0.1415i	−0.2793−0.1519i	−0.7078+0.7493i	0.3851+0.3267i	−0.0391+0.8770i	−0.4445−1.4678i	−0.2144+1.7577i	0.2820−1.5000i
74.1	1.5147+0.0896i	−0.3018−0.1488i	−0.8741+0.8030i	0.4013+0.3481i	0.0256+0.8736i	−0.4415−1.4175i	−0.2109+1.8153i	0.1919−1.6240i
74.2	1.4947+0.1488i	−0.2893−0.1917i	−0.5501+0.6938i	0.4219+0.3411i	0.0243+0.8519i	−0.5142−1.2527i	−0.1123+1.8716i	0.3241−1.5390i
74.3	1.4414+0.0272i	−0.3168−0.1471i	−0.5026+0.8921i	0.4490+0.3402i	0.0732+0.8200i	−0.5467−1.1936i	0.0976+1.5848i	0.1165−1.5075i
74.4	1.4230−0.0091i	−0.3285−0.1400i	−0.5339+0.8973i	0.4332+0.3177i	0.1078+0.8186i	−0.4816−1.1152i	0.1653+1.5807i	0.0930−1.5995i
74.5	1.4813−0.0189i	−0.3731−0.1620i	−0.5812+0.7495i	0.4751+0.3352i	0.1591+0.8145i	−0.4833−0.9806i	0.2353+1.5853i	0.0412−1.5693i
74.6	1.4066−0.0187i	−0.3454−0.1537i	−0.4479+0.8307i	0.5367+0.2990i	0.1696+0.7876i	−0.5745−0.9072i	0.2059+1.4000i	−0.1308−1.4059i
74.7	1.3564−0.0339i	−0.3447−0.1348i	−0.4078+0.8141i	0.5432+0.2665i	0.1709+0.7678i	−0.5491−0.7978i	0.3316+1.3713i	−0.1012−1.4347i
74.8	1.3977+0.0134i	−0.3544−0.1602i	−0.3270+0.7526i	0.5585+0.2574i	0.1588+0.7721i	−0.5720−0.6515i	0.3804+1.4058i	0.0010−1.4222i
74.9	1.4155−0.0149i	−0.3618−0.1638i	−0.4481+0.7497i	0.6053+0.2398i	0.1916+0.7957i	−0.5368−0.5438i	0.3391+1.4288i	−0.0623−1.3566i

75.0	1.3844-0.0507i	-0.3620-0.1671i	-0.3414+0.6383i	0.6280+0.1841i	0.2182+0.7729i	-0.5395-0.3351i	0.3379+1.2525i	-0.1314-1.2292i
75.1	1.3873-0.0031i	-0.3572-0.1773i	-0.2636+0.4971i	0.6482+0.1672i	0.2020+0.7528i	-0.5342-0.2350i	0.4737+1.1986i	-0.0581-1.3452i
75.2	1.3563-0.0774i	-0.3654-0.1534i	-0.3805+0.5680i	0.6553+0.1473i	0.2190+0.7246i	-0.4850-0.1584i	0.5548+1.0554i	-0.2394-1.3685i
75.3	1.3676-0.1798i	-0.4038-0.1287i	-0.5857+0.7957i	0.6899+0.1076i	0.2415+0.6828i	-0.3972-0.0779i	0.5497+1.0982i	-0.2330-1.2024i
75.4	1.3707-0.1459i	-0.3993-0.1490i	-0.5506+0.6760i	0.7052+0.0769i	0.2361+0.6679i	-0.3890+0.0959i	0.5545+0.9578i	-0.2515-1.1778i
75.5	1.3882-0.1776i	-0.3978-0.1415i	-0.5076+0.6831i	0.7181+0.0488i	0.2738+0.6395i	-0.3593+0.1291i	0.8105+0.9048i	-0.3058-1.3360i
75.6	1.4535-0.1497i	-0.4199-0.1714i	-0.5504+0.5453i	0.7493+0.0713i	0.2972+0.6624i	-0.4153+0.3598i	0.6619+0.9505i	-0.2778-1.0988i
75.7	1.4164-0.1517i	-0.4284-0.1768i	-0.5599+0.5154i	0.7292+0.0251i	0.2420+0.7061i	-0.3235+0.6117i	0.5614+0.8045i	-0.2443-1.0522i
75.8	1.4544-0.2203i	-0.4534-0.1701i	-0.7508+0.5403i	0.7377-0.0381i	0.2443+0.6923i	-0.1704+0.8338i	0.5096+0.7089i	-0.2383-1.0496i
75.9	1.4717-0.2706i	-0.4603-0.1715i	-0.7513+0.5609i	0.7678-0.0805i	0.2741+0.6703i	-0.1523+1.0575i	0.4631+0.5675i	-0.3280-1.0189i
76.0	1.5580-0.2837i	-0.5071-0.1924i	-0.8385+0.3598i	0.7932-0.1166i	0.3439+0.6742i	-0.0724+1.2247i	0.4893+0.4233i	-0.4168-1.0901i
76.1	1.5379-0.3729i	-0.5160-0.1565i	-0.8953+0.5426i	0.8313-0.1622i	0.3704+0.6424i	0.0698+1.3764i	0.4340+0.3561i	-0.4118-1.0662i
76.2	1.5126-0.5329i	-0.5316-0.1114i	-1.0356+0.9525i	0.8121-0.2221i	0.3573+0.6177i	0.3175+1.5551i	0.4408+0.3937i	-0.3518-1.0066i
76.3	1.5063-0.5494i	-0.5251-0.1189i	-1.0196+0.9482i	0.7999-0.2663i	0.3647+0.6268i	0.4138+1.7236i	0.4311+0.2743i	-0.4446-0.9622i
76.4	1.5419-0.6105i	-0.5600-0.1176i	-1.0893+0.9305i	0.8029-0.3076i	0.4103+0.6007i	0.5977+1.9236i	0.4199+0.2029i	-0.4352-0.9790i
76.5	1.5360-0.8200i	-0.5818-0.0677i	-1.1826+1.2860i	0.8335-0.3894i	0.4010+0.5584i	0.8391+2.2586i	0.4719+0.1302i	-0.4150-1.0004i
76.6	1.4568-0.8854i	-0.5834-0.0748i	-1.0836+1.4802i	0.8012-0.4790i	0.4399+0.5439i	1.1794+2.3246i	0.4595+0.1233i	-0.2893-1.0652i
76.7	1.4100-0.8303i	-0.5814-0.1345i	-1.0168+1.4447i	0.7759-0.5607i	0.3934+0.6003i	1.5509+2.6589i	0.3022+0.0866i	-0.2238-0.9710i
76.8	1.5518-0.9928i	-0.6753-0.1090i	-1.4900+1.3987i	0.7849-0.6131i	0.4074+0.5764i	1.8809+3.0168i	0.3221-0.0406i	-0.4335-1.0715i
76.9	1.4951-1.1683i	-0.7151-0.0395i	-1.5594+1.7351i	0.7564-0.7035i	0.4540+0.5139i	2.4061+3.1225i	0.1884-0.0500i	-0.4274-0.9810i
77.0	1.4044-1.2475i	-0.7109-0.0480i	-1.4659+1.8537i	0.7098-0.7615i	0.4544+0.5243i	2.8857+3.3513i	0.1286-0.1463i	-0.4951-1.0253i
77.1	1.2958-1.3427i	-0.7330-0.0149i	-1.5042+2.0853i	0.6369-0.8352i	0.4621+0.5327i	3.5362+3.3353i	0.0123-0.1314i	-0.4779-1.0850i
77.2	1.1584-1.3236i	-0.7570-0.0325i	-1.2439+2.1243i	0.5522-0.8903i	0.4617+0.5664i	4.3848+3.2090i	-0.1435-0.1707i	-0.4028-1.2239i
77.3	1.1287-1.2584i	-0.7824-0.0552i	-1.1276+2.0879i	0.5171-0.9416i	0.4728+0.5663i	4.7874+3.0897i	-0.2721-0.1333i	-0.3787-1.2730i
77.4	1.1345-1.3131i	-0.8589-0.0588i	-1.3109+2.1705i	0.4791-1.0377i	0.5077+0.5645i	5.3388+3.1765i	-0.4278-0.1111i	-0.4676-1.1269i
77.5	0.9612-1.3953i	-0.8767+0.0195i	-1.2946+2.5525i	0.3320-1.1058i	0.5091+0.5383i	6.0023+2.7425i	-0.4285-0.0479i	-0.5409-1.1177i
77.6	0.7639-1.5957i	-0.9396+0.1546i	-1.2271+3.0676i	0.1515-1.2013i	0.5175+0.4422i	7.0002+1.9535i	-0.4861+0.0122i	-0.6870-1.2353i
77.7	0.6082-1.5951i	-0.9507+0.1845i	-0.9346+3.1585i	0.0530-1.3155i	0.5038+0.4703i	7.7303+1.5240i	-0.6684+0.0699i	-0.8233-1.2098i
77.8	0.4745-1.4312i	-0.8821+0.1715i	-0.4891+3.1331i	-0.0101-1.3152i	0.4813+0.4955i	7.8310+0.9537i	-0.7751+0.0693i	-1.0923-1.0608i
77.9	0.3915-1.4638i	-0.9045+0.2324i	-0.3417+3.3149i	-0.1339-1.3314i	0.5006+0.4556i	8.1934+0.3944i	-0.8437+0.0752i	-1.2667-0.9763i
78.0	0.2716-1.4277i	-0.9097+0.3540i	-0.1628+3.5412i	-0.3241-1.2429i	0.5376+0.3874i	8.2156-0.7640i	-0.7916+0.2451i	-1.3315-0.9179i
78.1	0.1951-1.3392i	-0.8845+0.3763i	0.1621+3.5750i	-0.4717-1.1786i	0.5144+0.3700i	8.2119-1.3485i	-0.8673+0.2310i	-1.3544-0.8330i
78.2	0.2096-1.2073i	-0.9066+0.3409i	0.3435+3.2759i	-0.5853-1.1787i	0.5385+0.4294i	8.3871-1.8615i	-0.9822+0.2932i	-1.2351-0.8988i
78.3	0.1081-1.1707i	-0.8983+0.4236i	0.5033+3.4370i	-0.7515-1.1103i	0.5379+0.4037i	8.3953-2.7524i	-1.0499+0.4933i	-1.2692-0.7556i
78.4	-0.0105-1.0715i	-0.8587+0.4736i	0.9385+3.3480i	-0.8786-0.9988i	0.5384+0.3788i	8.2143-3.5666i	-1.1886+0.6662i	-1.2846-0.5351i
78.5	-0.0429-1.0952i	-0.8588+0.5666i	1.0491+3.3469i	-0.9983-0.8757i	0.5763+0.3218i	8.1131-4.3723i	-1.2024+0.7955i	-1.3653-0.4625i
78.6	-0.1037-1.0271i	-0.8108+0.6233i	1.2794+3.3409i	-1.0961-0.7314i	0.5704+0.3036i	7.7479-5.0524i	-1.1591+0.9232i	-1.4795-0.4216i
78.7	-0.0761-0.8443i	-0.8019+0.6121i	1.4866+3.1189i	-1.1725-0.5780i	0.5641+0.3397i	7.4226-5.4999i	-1.1679+1.1263i	-1.3427-0.2871i
78.8	0.1052-0.7193i	-0.8271+0.5790i	1.3545+2.6724i	-1.1343-0.3911i	0.6052+0.3723i	6.9371-5.6596i	-1.0252+1.1942i	-1.2864-0.3089i
78.9	0.2919-0.8078i	-0.8831+0.6479i	1.1517+2.6788i	-1.0785-0.3269i	0.6906+0.3097i	6.7361-5.8505i	-0.9615+1.2202i	-1.3433-0.2131i
79.0	0.1444-1.0098i	-0.8414+0.7913i	1.4131+2.9883i	-1.1465-0.3404i	0.6650+0.1906i	6.6651-6.4197i	-1.0457+1.3151i	-1.2962-0.0521i
79.1	0.0020-0.8656i	-0.7506+0.7706i	1.7718+2.6955i	-1.2023-0.2177i	0.5922+0.2728i	6.3647-6.8349i	-1.0388+1.4394i	-1.3076+0.0038i
79.2	0.0209-0.6240i	-0.7017+0.7331i	1.8849+2.3519i	-1.1992-0.0123i	0.5526+0.3297i	5.8749-7.3236i	-0.8991+1.7396i	-1.1832-0.0368i
79.3	-0.0039-0.5162i	-0.6320+0.7709i	1.9696+2.0973i	-1.1754+0.2151i	0.5712+0.2870i	5.1014-7.7396i	-0.7716+1.7920i	-1.2163+0.1934i
79.4	-0.0141-0.4451i	-0.5654+0.7929i	2.0444+1.9302i	-1.1314+0.3815i	0.5683+0.2931i	4.4316-7.9439i	-0.5384+1.9393i	-1.2126+0.0970i
79.5	0.0941-0.4038i	-0.5523+0.7926i	2.0254+1.7459i	-1.0466+0.4070i	0.5715+0.2875i	4.0150-8.1972i	-0.3488+1.9844i	-1.2553+0.0326i
79.6	0.1676-0.3636i	-0.5318+0.8195i	2.0436+1.6981i	-0.9825+0.4844i	0.5660+0.2748i	3.5525-8.4392i	-0.3478+2.0477i	-1.0740+0.2066i
79.7	0.3441-0.3254i	-0.5361+0.8181i	1.8308+1.5244i	-0.8448+0.5928i	0.5985+0.2658i	2.9612-8.3553i	-0.2145+2.1213i	-0.9911+0.2075i
79.8	0.4154-0.4060i	-0.5009+0.8641i	1.7232+1.5558i	-0.7213+0.6565i	0.6489+0.2164i	2.3196-8.3979i	-0.0069+2.0308i	-1.1917+0.3406i
79.9	0.4042-0.4553i	-0.4351+0.9105i	1.8410+1.5806i	-0.6589+0.7264i	0.6226+0.1841i	1.7355-8.5418i	0.1342+2.1041i	-0.9513+0.3299i
80.0	0.4026-0.4577i	-0.3961+0.8859i	1.8079+1.4188i	-0.6156+0.6940i	0.5996+0.1816i	1.4012-8.3607i	0.2644+2.1315i	-0.7762+0.1839i

2.1.48 Run 4 – IP050-200 – Accels 41–47

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	30.7679+0.0000i	19.1380+0.0000i	-9.8912+0.0000i	10.5149+0.0000i	13.6010+0.0000i	17.3835+0.0000i	12.5482+0.0000i
0.1	26.0406-1.2970i	16.0710-1.6703i	-8.8201+0.4203i	8.5429-0.9201i	11.3163-0.0437i	14.2821-0.3492i	11.5457-1.7578i
0.2	0.4982-2.4087i	0.9853-0.7224i	1.4668+0.8029i	0.7272-0.6853i	-0.2327+1.5085i	-0.0892-2.9276i	-2.9112+0.9098i
0.3	0.1523-1.8853i	0.1067+0.3507i	0.5400+1.3289i	0.3723-0.2923i	0.1312+0.2284i	0.1210+1.2245i	0.7410+0.6530i
0.4	0.1928-2.4317i	-0.6501+0.1163i	1.6693+0.0283i	-0.5273-0.0056i	-0.2191+0.5412i	-2.7897-1.0533i	1.1294+2.0393i
0.5	0.2508+0.1133i	-0.0313-0.0082i	0.6296+0.2653i	0.0404+0.0276i	-0.0301+0.1390i	0.0094-0.8659i	-0.0949-0.1159i
0.6	-0.0870-0.0273i	0.0162-0.0033i	0.1869+0.0067i	-0.0233+0.0242i	0.0116+0.0060i	0.0285-0.2449i	-0.1119+0.0463i
0.7	-0.0812+0.0206i	-0.0561-0.0141i	0.0216-0.0266i	-0.0506+0.0090i	-0.0465+0.0039i	0.0148-0.0665i	-0.1092+0.0070i
0.8	-0.0395+0.0053i	-0.0703-0.0172i	-0.0193-0.0067i	-0.0439-0.0063i	-0.0692+0.0050i	0.0081+0.0067i	-0.1060+0.0088i
0.9	-0.0426-0.0233i	-0.0995-0.0041i	-0.0239-0.0084i	-0.0501-0.0149i	-0.0994+0.0051i	-0.0060-0.0130i	-0.1137+0.0186i
1.0	-0.0585-0.0251i	-0.1180-0.0072i	-0.0247-0.0038i	-0.0625-0.0116i	-0.1196+0.0012i	-0.0431-0.0055i	-0.1202+0.0206i
1.1	-0.0710-0.0061i	-0.1283+0.0334i	-0.0222-0.0100i	-0.0805-0.0056i	-0.1307+0.0281i	-0.0637-0.0383i	-0.1653+0.0477i
1.2	-0.1059-0.0083i	-0.2301+0.0351i	-0.0165-0.0196i	-0.1242-0.0187i	-0.2261+0.0340i	-0.0503-0.0154i	-0.2592+0.0392i
1.3	-0.1158+0.0033i	-0.2707+0.0868i	-0.0193-0.0034i	-0.1522-0.0265i	-0.2687+0.0824i	-0.0402-0.0027i	-0.3271+0.0457i
1.4	-0.0702-0.0232i	-0.1855+0.0455i	-0.0180-0.0023i	-0.2319-0.0262i	-0.1933+0.0465i	-0.0538-0.0178i	-0.4292+0.0424i
1.5	-0.1187-0.1549i	-0.3668-0.1759i	-0.0259-0.0099i	-0.2713+0.0604i	-0.3713-0.1504i	-0.0559-0.0078i	-0.5885+0.1715i
1.6	-0.3022-0.1724i	-0.8522-0.0788i	-0.0392-0.0124i	-0.2293+0.0596i	-0.8215-0.0494i	-0.0612-0.0012i	-0.6944+0.2747i
1.7	-0.4092-0.1078i	-1.0897+0.2156i	-0.0489-0.0095i	-0.2669+0.0158i	-1.0423+0.2283i	-0.0758+0.0020i	-0.8050+0.3819i
1.8	-0.5386-0.0758i	-1.3799+0.7185i	-0.0625-0.0085i	-0.3786-0.0258i	-1.3187+0.7169i	-0.0980+0.0002i	-1.0376+0.7505i
1.9	-0.6984-0.0730i	-1.4048+1.4204i	-0.0787-0.0132i	-0.5267-0.0796i	-1.3346+1.3986i	-0.1135+0.0115i	-1.0343+1.2998i
2.0	-1.0088-0.0413i	-0.5189+2.0760i	-0.1191-0.0166i	-0.8823-0.1174i	-0.4576+2.0282i	-0.1366+0.0329i	-0.3058+1.7588i
2.1	-1.7295+0.0499i	0.8592+1.9085i	-0.2098-0.0113i	-1.7196-0.0490i	0.9000+1.8507i	-0.1964+0.0298i	0.7219+1.5295i
2.2	-2.7285+0.4295i	1.2394+1.4944i	-0.3240+0.0273i	-2.7874+0.3641i	1.2908+1.4340i	-0.3082+0.0565i	0.9026+1.1982i
2.3	-1.9636+2.1977i	1.3596+1.1223i	-0.2469+0.2236i	-2.0072+2.1990i	1.3812+1.0232i	-0.2375+0.2516i	1.0250+1.0407i
2.4	2.9145+1.3263i	1.0655+0.5186i	0.2828+0.1466i	3.0068+1.2980i	0.9636+0.4695i	0.2911+0.1747i	1.1540+0.4913i
2.5	1.9859+0.4312i	1.0366+0.4377i	0.1801+0.0456i	2.0335+0.3875i	0.9591+0.4124i	0.2008+0.0689i	1.0273+0.3501i
2.6	1.3417+0.2490i	0.9432+0.3735i	0.1092+0.0252i	1.3707+0.2119i	0.8862+0.3518i	0.1230+0.0400i	0.8877+0.2836i
2.7	1.0782+0.1627i	0.9044+0.2971i	0.0764+0.0141i	1.0962+0.1324i	0.8559+0.2820i	0.0880+0.0255i	0.8236+0.2194i
2.8	0.9107+0.1329i	0.8594+0.2433i	0.0546+0.0108i	0.9229+0.1054i	0.8162+0.2312i	0.0643+0.0141i	0.7648+0.1813i
2.9	0.7974+0.1190i	0.7856+0.2170i	0.0380+0.0095i	0.8071+0.0929i	0.7465+0.2062i	0.0441+0.0147i	0.6871+0.1610i
3.0	0.7187+0.0872i	0.7403+0.1908i	0.0251+0.0055i	0.7266+0.0654i	0.7030+0.1811i	0.0313+0.0142i	0.6348+0.1375i
3.1	0.6589+0.0782i	0.7142+0.1732i	0.0152+0.0050i	0.6654+0.0599i	0.6788+0.1641i	0.0214+0.0120i	0.6010+0.1251i
3.2	0.6137+0.0681i	0.6883+0.1538i	0.0058+0.0041i	0.6188+0.0535i	0.6545+0.1446i	0.0074+0.0101i	0.5708+0.1107i
3.3	0.5777+0.0591i	0.6644+0.1399i	-0.0033+0.0030i	0.5843+0.0482i	0.6322+0.1318i	-0.0023+0.0081i	0.5430+0.1004i
3.4	0.5435+0.0486i	0.6469+0.1163i	-0.0123+0.0022i	0.5522+0.0421i	0.6162+0.1096i	-0.0123+0.0053i	0.5176+0.0811i
3.5	0.5161+0.0479i	0.6321+0.1193i	-0.0200+0.0022i	0.5273+0.0400i	0.6021+0.1118i	-0.0233+0.0060i	0.4965+0.0848i
3.6	0.4926+0.0456i	0.6155+0.1080i	-0.0289+0.0026i	0.5042+0.0377i	0.5858+0.1014i	-0.0312+0.0050i	0.4745+0.0767i
3.7	0.4741+0.0427i	0.6072+0.1023i	-0.0373+0.0011i	0.4846+0.0342i	0.5778+0.0960i	-0.0415+0.0022i	0.4578+0.0707i
3.8	0.4608+0.0436i	0.6002+0.0972i	-0.0444+0.0015i	0.4703+0.0341i	0.5707+0.0911i	-0.0512+0.0033i	0.4446+0.0669i
3.9	0.4467+0.0430i	0.5882+0.0952i	-0.0540+0.0004i	0.4562+0.0344i	0.5595+0.0893i	-0.0631+0.0012i	0.4264+0.0678i
4.0	0.4351+0.0408i	0.5911+0.0940i	-0.0650-0.0004i	0.4433+0.0325i	0.5626+0.0891i	-0.0740+0.0005i	0.4211+0.0680i
4.1	0.4266+0.0383i	0.5874+0.0842i	-0.0746-0.0008i	0.4332+0.0307i	0.5588+0.0795i	-0.0864-0.0020i	0.4107+0.0579i
4.2	0.4181+0.0394i	0.5785+0.0858i	-0.0840-0.0013i	0.4247+0.0306i	0.5511+0.0816i	-0.0993-0.0001i	0.3946+0.0577i
4.3	0.4097+0.0412i	0.5731+0.0880i	-0.0973-0.0012i	0.4163+0.0317i	0.5455+0.0834i	-0.1113+0.0011i	0.3777+0.0609i
4.4	0.3997+0.0413i	0.5704+0.0810i	-0.1102+0.0007i	0.4069+0.0337i	0.5431+0.0761i	-0.1258+0.0014i	0.3661+0.0572i
4.5	0.3926+0.0394i	0.5688+0.0735i	-0.1230-0.0007i	0.3993+0.0328i	0.5419+0.0699i	-0.1404-0.0009i	0.3568+0.0517i
4.6	0.3858+0.0394i	0.5623+0.0734i	-0.1372-0.0013i	0.3930+0.0339i	0.5356+0.0696i	-0.1558-0.0025i	0.3430+0.0495i
4.7	0.3807+0.0415i	0.5568+0.0758i	-0.1531+0.0013i	0.3891+0.0357i	0.5293+0.0714i	-0.1743-0.0000i	0.3246+0.0500i
4.8	0.3751+0.0403i	0.5584+0.0682i	-0.1675+0.0017i	0.3836+0.0353i	0.5313+0.0634i	-0.1905+0.0004i	0.3177+0.0464i
4.9	0.3674+0.0397i	0.5523+0.0616i	-0.1859+0.0008i	0.3769+0.0359i	0.5247+0.0576i	-0.2083-0.0010i	0.3032+0.0420i
5.0	0.3630+0.0455i	0.5410+0.0675i	-0.2109+0.0060i	0.3725+0.0387i	0.5135+0.0628i	-0.2364+0.0045i	0.2818+0.0486i
5.1	0.3582+0.0478i	0.5370+0.0668i	-0.2293+0.0075i	0.3694+0.0411i	0.5089+0.0635i	-0.2594+0.0077i	0.2708+0.0509i
5.2	0.3540+0.0506i	0.5374+0.0646i	-0.2534+0.0093i	0.3648+0.0440i	0.5097+0.0618i	-0.2845+0.0072i	0.2579+0.0550i
5.3	0.3494+0.0539i	0.5344+0.0704i	-0.2820+0.0101i	0.3600+0.0486i	0.5082+0.0665i	-0.3122+0.0093i	0.2422+0.0580i
5.4	0.3465+0.0611i	0.5319+0.0733i	-0.3163+0.0165i	0.3563+0.0564i	0.5068+0.0703i	-0.3470+0.0129i	0.2278+0.0587i
5.5	0.3448+0.0689i	0.5359+0.0759i	-0.3467+0.0220i	0.3549+0.0646i	0.5093+0.0708i	-0.3765+0.0219i	0.2190+0.0611i
5.6	0.3381+0.0726i	0.5438+0.0768i	-0.3887+0.0272i	0.3519+0.0709i	0.5152+0.0713i	-0.4216+0.0237i	0.2124+0.0584i

5.7	0.3362+0.0838i	0.5483+0.0775i	-0.4358+0.0461i	0.3513+0.0801i	0.5201+0.0721i	-0.4716+0.0381i	0.2032+0.0647i
5.8	0.3331+0.0970i	0.5523+0.0851i	-0.4835+0.0652i	0.3479+0.0914i	0.5241+0.0786i	-0.5160+0.0579i	0.1948+0.0726i
5.9	0.3410+0.1148i	0.5617+0.0854i	-0.5288+0.0930i	0.3573+0.1089i	0.5323+0.0774i	-0.5599+0.0817i	0.1903+0.0714i
6.0	0.3559+0.1194i	0.5638+0.0801i	-0.5678+0.1068i	0.3750+0.1147i	0.5325+0.0742i	-0.6031+0.0911i	0.1756+0.0672i
6.1	0.3706+0.1232i	0.5688+0.0804i	-0.6320+0.1289i	0.3918+0.1182i	0.5363+0.0763i	-0.6651+0.1127i	0.1611+0.0703i
6.2	0.3804+0.1190i	0.5731+0.0820i	-0.6886+0.1373i	0.4020+0.1154i	0.5391+0.0769i	-0.7231+0.1221i	0.1533+0.0709i
6.3	0.3797+0.1264i	0.5724+0.0818i	-0.7737+0.1579i	0.4061+0.1179i	0.5381+0.0784i	-0.8015+0.1452i	0.1380+0.0722i
6.4	0.3841+0.1328i	0.5903+0.0775i	-0.9297+0.1855i	0.4130+0.1216i	0.5544+0.0757i	-0.9532+0.1667i	0.1332+0.0736i
6.5	0.3966+0.1393i	0.6073+0.0847i	-1.0756+0.2237i	0.4295+0.1248i	0.5687+0.0815i	-1.0936+0.1980i	0.1318+0.0805i
6.6	0.4062+0.1485i	0.6070+0.0718i	-1.2813+0.3342i	0.4448+0.1285i	0.5681+0.0680i	-1.2887+0.2992i	0.1138+0.0710i
6.7	0.4187+0.1499i	0.6088+0.0625i	-1.4558+0.4643i	0.4603+0.1264i	0.5687+0.0597i	-1.4580+0.4182i	0.0973+0.0625i
6.8	0.4348+0.1494i	0.6094+0.0628i	-1.8085+0.7190i	0.4821+0.1170i	0.5673+0.0611i	-1.7927+0.6594i	0.0730+0.0641i
6.9	0.4712+0.1651i	0.6076+0.0622i	-2.2439+1.3081i	0.5242+0.1107i	0.5626+0.0629i	-2.1926+1.2123i	0.0482+0.0699i
7.0	0.4976+0.1816i	0.6004+0.0613i	-2.7540+2.3570i	0.5586+0.0960i	0.5518+0.0688i	-2.6731+2.1835i	0.0288+0.0838i
7.1	0.5423+0.1426i	0.5956+0.0729i	-2.0466+3.9312i	0.5775+0.0227i	0.5500+0.0846i	-2.0304+3.6414i	0.0110+0.1035i
7.2	0.5518+0.0604i	0.6190+0.0848i	0.3957+4.5139i	0.5170-0.0583i	0.5862+0.1019i	0.2344+4.1937i	0.0307+0.1238i
7.3	0.4988+0.0279i	0.6425+0.0716i	1.6721+3.5345i	0.4344-0.0571i	0.6145+0.0837i	1.4144+3.2799i	0.0307+0.0968i
7.4	0.4754+0.0285i	0.6434+0.0591i	2.1873+2.6656i	0.4039-0.0270i	0.6156+0.0662i	1.8860+2.4661i	0.0104+0.0772i
7.5	0.4614+0.0471i	0.6407+0.0611i	2.1239+1.3867i	0.4012+0.0256i	0.6111+0.0633i	1.8162+1.2834i	-0.0248+0.0693i
7.6	0.4608+0.0641i	0.6470+0.0648i	1.7581+0.9029i	0.4116+0.0495i	0.6151+0.0665i	1.4728+0.8406i	-0.0455+0.0744i
7.7	0.4701+0.0750i	0.6571+0.0575i	1.1481+0.7821i	0.4341+0.0575i	0.6229+0.0568i	0.9022+0.7259i	-0.0774+0.0782i
7.8	0.4869+0.0861i	0.6598+0.0579i	0.9733+0.8401i	0.4549+0.0637i	0.6268+0.0580i	0.7351+0.7815i	-0.0985+0.0858i
7.9	0.4983+0.0925i	0.6692+0.0608i	0.9606+0.8988i	0.4655+0.0687i	0.6354+0.0624i	0.7145+0.8327i	-0.1147+0.0970i
8.0	0.5095+0.0994i	0.6834+0.0587i	0.9497+0.7932i	0.4769+0.0800i	0.6450+0.0600i	0.7065+0.7350i	-0.1335+0.1010i
8.1	0.5116+0.1037i	0.6935+0.0505i	0.8903+0.7671i	0.4815+0.0837i	0.6538+0.0504i	0.6450+0.7116i	-0.1557+0.0978i
8.2	0.5185+0.0979i	0.7002+0.0522i	0.8865+0.7286i	0.4870+0.0790i	0.6618+0.0508i	0.6387+0.6770i	-0.1729+0.1031i
8.3	0.5456+0.0928i	0.7134+0.0530i	0.7407+0.6365i	0.5180+0.0769i	0.6737+0.0503i	0.4933+0.5833i	-0.2133+0.1011i
8.4	0.5686+0.0932i	0.7203+0.0476i	0.6074+0.6251i	0.5423+0.0730i	0.6755+0.0461i	0.3644+0.5723i	-0.2364+0.1059i
8.5	0.5934+0.0876i	0.7318+0.0411i	0.4351+0.6673i	0.5675+0.0652i	0.6819+0.0426i	0.1948+0.6051i	-0.2771+0.1056i
8.6	0.6186+0.0698i	0.7352+0.0335i	0.3362+0.8293i	0.5898+0.0438i	0.6858+0.0375i	0.0989+0.7523i	-0.3178+0.1313i
8.7	0.6261+0.0474i	0.7290+0.0355i	0.3014+0.9386i	0.6007+0.0195i	0.6787+0.0384i	0.0732+0.8443i	-0.3503+0.1475i
8.8	0.6459+0.0380i	0.7295+0.0434i	0.2317+1.0490i	0.6209+0.0037i	0.6779+0.0475i	0.0048+0.9355i	-0.3804+0.1636i
8.9	0.6785+0.0092i	0.7436+0.0526i	0.0944+1.3355i	0.6510-0.0344i	0.6862+0.0603i	-0.1266+1.1782i	-0.4237+0.1880i
9.0	0.7049-0.0414i	0.7579+0.0572i	0.1382+1.7531i	0.6660-0.0964i	0.6996+0.0660i	-0.1045+1.5274i	-0.4614+0.2139i
9.1	0.6839-0.0715i	0.7716+0.0496i	0.4423+1.9592i	0.6313-0.1304i	0.7137+0.0642i	0.1388+1.7012i	-0.4897+0.2370i
9.2	0.6976-0.1096i	0.7793+0.0553i	0.5007+2.3291i	0.6299-0.1777i	0.7194+0.0775i	0.1712+2.0076i	-0.5359+0.3008i
9.3	0.6649-0.2170i	0.7954+0.0709i	1.3082+3.0378i	0.5578-0.2934i	0.7415+0.1037i	0.8351+2.6050i	-0.5139+0.3962i
9.4	0.5587-0.2416i	0.8150+0.0786i	2.4047+2.7535i	0.4178-0.2867i	0.7702+0.1108i	1.7356+2.3616i	-0.4589+0.3958i
9.5	0.4892-0.2034i	0.8386+0.0888i	2.8264+1.9732i	0.3457-0.2084i	0.7973+0.1129i	2.0695+1.7045i	-0.4550+0.3578i
9.6	0.4629-0.1514i	0.8600+0.0928i	2.8826+1.3518i	0.3272-0.1325i	0.8203+0.1107i	2.0889+1.1756i	-0.4852+0.3287i
9.7	0.4648-0.0979i	0.8915+0.1008i	2.7262+0.8651i	0.3446-0.0624i	0.8489+0.1171i	1.9312+0.7795i	-0.5353+0.3291i
9.8	0.4724-0.0796i	0.9114+0.1025i	2.6053+0.6876i	0.3583-0.0357i	0.8665+0.1187i	1.8115+0.6368i	-0.5752+0.3402i
9.9	0.4929-0.0577i	0.9455+0.1006i	2.4546+0.4940i	0.3867-0.0105i	0.8983+0.1164i	1.6640+0.4903i	-0.6303+0.3630i
10.0	0.5130-0.0454i	0.9779+0.1067i	2.3605+0.4029i	0.4108+0.0055i	0.9282+0.1207i	1.5676+0.4283i	-0.6643+0.3828i
10.1	0.5247-0.0411i	1.0076+0.1146i	2.2959+0.3282i	0.4240+0.0159i	0.9546+0.1281i	1.4956+0.3737i	-0.7126+0.4034i
10.2	0.5378-0.0382i	1.0563+0.1109i	2.2100+0.2494i	0.4436+0.0253i	0.9981+0.1256i	1.3956+0.3219i	-0.7487+0.4299i
10.3	0.5543-0.0355i	1.1036+0.1097i	2.1702+0.1984i	0.4641+0.0344i	1.0446+0.1239i	1.3399+0.2924i	-0.7713+0.4645i
10.4	0.5634-0.0280i	1.1579+0.0943i	2.1243+0.1337i	0.4780+0.0426i	1.0948+0.1134i	1.2804+0.2519i	-0.7779+0.4941i
10.5	0.5699-0.0264i	1.1948+0.0827i	2.0841+0.1060i	0.4882+0.0456i	1.1317+0.1020i	1.2319+0.2376i	-0.7934+0.4943i
10.6	0.5820-0.0270i	1.2390+0.0660i	2.0406+0.0938i	0.5042+0.0460i	1.1766+0.0861i	1.1798+0.2351i	-0.8326+0.4977i
10.7	0.5911-0.0291i	1.2914+0.0461i	2.0297+0.0710i	0.5170+0.0519i	1.2253+0.0669i	1.1481+0.2382i	-0.8846+0.5266i
10.8	0.6037-0.0287i	1.3397+0.0162i	2.0291+0.0570i	0.5348+0.0552i	1.2725+0.0357i	1.1242+0.2389i	-0.9357+0.5169i
10.9	0.6176-0.0207i	1.3832-0.0094i	2.0296+0.0455i	0.5504+0.0603i	1.3164+0.0146i	1.1005+0.2442i	-0.9841+0.5118i
11.0	0.6357-0.0202i	1.4376-0.0394i	2.0312+0.0404i	0.5644+0.0635i	1.3679-0.0138i	1.0707+0.2421i	-1.0654+0.5163i
11.1	0.6562-0.0184i	1.4884-0.0885i	2.0548+0.0260i	0.5833+0.0663i	1.4141-0.0617i	1.0551+0.2461i	-1.1511+0.5404i
11.2	0.6731-0.0205i	1.5190-0.1118i	2.0834+0.0158i	0.5983+0.0637i	1.4434-0.0857i	1.0551+0.2502i	-1.2208+0.5498i
11.3	0.7001-0.0077i	1.5755-0.1256i	2.1232+0.0243i	0.6220+0.0773i	1.4985-0.1002i	1.0407+0.2540i	-1.3359+0.5367i
11.4	0.7345-0.0049i	1.6466-0.1635i	2.1967+0.0243i	0.6528+0.0872i	1.5647-0.1357i	1.0478+0.2642i	-1.4548+0.5628i
11.5	0.7622-0.0162i	1.7061-0.2014i	2.2595-0.0099i	0.6719+0.0835i	1.6208-0.1689i	1.0699+0.2510i	-1.5662+0.5943i
11.6	0.7955-0.0246i	1.7769-0.2534i	2.3317-0.0340i	0.6986+0.0779i	1.6829-0.2202i	1.0741+0.2483i	-1.7194+0.6440i
11.7	0.8348-0.0262i	1.8421-0.2874i	2.4227-0.0480i	0.7282+0.0825i	1.7407-0.2533i	1.0976+0.2544i	-1.8502+0.6876i
11.8	0.8801-0.0480i	1.9213-0.3340i	2.5256-0.1124i	0.7592+0.0704i	1.8186-0.2974i	1.1064+0.2200i	-2.0257+0.7374i
11.9	0.9168-0.0835i	2.0192-0.4007i	2.5968-0.2147i	0.7830+0.0491i	1.9103-0.3576i	1.0903+0.1763i	-2.2299+0.8324i

12.0	0.9489-0.0986i	2.1301-0.4334i	2.6774-0.2443i	0.8011+0.0471i	2.0150-0.3843i	1.0714+0.1594i	-2.4301+0.8717i
12.1	0.9848-0.1401i	2.2873-0.5386i	2.7950-0.3430i	0.8142+0.0433i	2.1555-0.4817i	1.0421+0.1248i	-2.7166+1.0279i
12.2	1.0071-0.1695i	2.4051-0.6657i	2.8753-0.4061i	0.8239+0.0547i	2.2640-0.5944i	1.0062+0.1333i	-2.9576+1.2142i
12.3	1.0428-0.1935i	2.5327-0.7587i	2.9931-0.4489i	0.8453+0.0722i	2.3832-0.6778i	0.9978+0.1460i	-3.2059+1.3682i
12.4	1.0769-0.2497i	2.6600-0.9528i	3.1377-0.5611i	0.8848+0.0944i	2.5010-0.8500i	0.9755+0.1588i	-3.4992+1.6744i
12.5	1.1232-0.3211i	2.8629-1.2391i	3.3531-0.7156i	0.9417+0.1260i	2.6958-1.1108i	0.9415+0.1924i	-3.9005+2.1073i
12.6	1.1597-0.4087i	3.0532-1.5684i	3.6092-0.8862i	1.0241+0.1653i	2.8836-1.4070i	0.9133+0.2179i	-4.3227+2.6161i
12.7	1.1512-0.4813i	3.1012-1.9025i	3.8006-1.0951i	1.1267+0.1957i	2.9416-1.7074i	0.8951+0.2595i	-4.5651+3.1758i
12.8	1.1116-0.5453i	3.0928-2.2424i	3.9982-1.3677i	1.2579+0.1998i	2.9553-2.0248i	0.8899+0.3144i	-4.7378+3.8014i
12.9	1.0687-0.5783i	3.0507-2.5475i	4.2006-1.6824i	1.4034+0.1760i	2.9472-2.3193i	0.8891+0.3753i	-4.8699+4.4039i
13.0	1.0400-0.5786i	3.0569-2.8950i	4.4526-2.1168i	1.5946+0.1026i	2.9853-2.6494i	0.8874+0.4488i	-5.0984+5.2115i
13.1	1.0506-0.5717i	3.1682-3.1956i	4.7034-2.5313i	1.7439+0.0113i	3.1050-2.9503i	0.8563+0.5267i	-5.4606+5.9654i
13.2	1.0986-0.6029i	3.3453-3.9400i	5.1074-3.4258i	1.9592-0.1714i	3.3065-3.6861i	0.8407+0.7199i	-6.0024+7.6656i
13.3	1.1600-0.6262i	3.5626-4.7915i	5.4107-4.4001i	2.1532-0.3533i	3.5303-4.5216i	0.7967+0.9597i	-6.4472+9.5873i
13.4	1.2168-0.7106i	2.8185-6.5613i	4.8738-6.4066i	2.3184-0.7815i	2.8347-6.2612i	1.1213+1.5102i	-4.8816+13.5730i
13.5	1.2598-0.8549i	1.2782-8.1766i	3.4326-8.2098i	2.3422-1.3010i	1.3519-7.8660i	1.6477+1.9053i	-1.5489+17.0617i
13.6	1.2121-0.9232i	-1.6599-8.0622i	0.4468-8.2062i	1.8892-1.6701i	-1.5276-7.7954i	2.6133+1.8814i	4.8455+16.7684i
13.7	1.1793-0.9332i	-3.8866-6.8887i	-1.6523-7.1501i	1.4966-1.7635i	-3.7094-6.6742i	3.4533+1.4194i	9.5791+14.1200i
13.8	1.2734-0.8646i	-4.9552-4.4173i	-2.4188-4.8652i	1.2690-1.5386i	-4.7904-4.2753i	4.0428+0.5589i	11.7022+8.8642i
13.9	1.4519-0.9334i	-4.8066-3.2633i	-2.0892-3.9464i	1.3543-1.4941i	-4.6653-3.1440i	4.2247+0.0357i	11.4131+6.4704i
14.0	1.7172-1.1405i	-4.4288-2.1739i	-1.4781-3.2580i	1.5557-1.5781i	-4.3207-2.0666i	4.4156-0.6404i	10.6673+4.1860i
14.1	2.0060-1.4960i	-4.1916-1.4473i	-0.8671-3.0735i	1.7961-1.8489i	-4.1039-1.3374i	4.6996-1.3588i	10.1637+2.6348i
14.2	2.0703-2.3658i	-3.7228-0.6987i	-0.3001-3.5402i	1.8163-2.6121i	-3.6355-0.5605i	4.6277-2.7173i	9.1284+0.9287i
14.3	1.5687-3.1891i	-3.2491-0.2416i	-0.4812-4.3158i	1.3116-3.3306i	-3.1359-0.0828i	3.8733-3.9599i	8.0235-0.0907i
14.4	0.4507-3.5715i	-2.6281+0.0730i	-1.3640-4.7163i	0.2324-3.5968i	-2.4660+0.2200i	2.3257-4.6751i	6.5602-0.7041i
14.5	-0.6594-3.3138i	-2.0731+0.1058i	-2.4650-4.4514i	-0.8082-3.2707i	-1.8765+0.2213i	0.7193-4.4716i	5.3319-0.6771i
14.6	-1.2653-2.5888i	-1.6592+0.0119i	-3.1422-3.4660i	-1.3530-2.5278i	-1.4623+0.0856i	-0.3267-3.5642i	4.4879-0.4538i
14.7	-1.4548-2.0507i	-1.4628-0.0558i	-3.3199-2.6988i	-1.5014-1.9850i	-1.2767-0.0180i	-0.7246-2.8848i	4.0705-0.3295i
14.8	-1.4301-1.6445i	-1.3688-0.1416i	-3.1657-2.1245i	-1.4476-1.5918i	-1.2037-0.1218i	-0.7985-2.3454i	3.8017-0.1570i
14.9	-1.3813-1.2848i	-1.2963-0.1817i	-2.8930-1.5608i	-1.3825-1.2402i	-1.1538-0.1721i	-0.8088-1.8197i	3.5486-0.0505i
15.0	-1.2730-1.0089i	-1.2170-0.1687i	-2.5133-1.2342i	-1.2581-0.9715i	-1.0948-0.1624i	-0.7183-1.4449i	3.3259+0.0345i
15.1	-1.2043-0.8066i	-1.1640-0.1521i	-2.2908-1.0640i	-1.1836-0.7774i	-1.0512-0.1501i	-0.6602-1.1946i	3.1700+0.0809i
15.2	-1.0799-0.6703i	-1.1156-0.1357i	-2.1076-1.0076i	-1.0539-0.6471i	-1.0119-0.1351i	-0.5387-1.0322i	3.0854+0.1494i
15.3	-0.9684-0.5799i	-1.0552-0.1184i	-1.9927-0.9657i	-0.9362-0.5619i	-0.9575-0.1197i	-0.4506-0.9350i	3.0131+0.1817i
15.4	-0.8563-0.5045i	-0.9842-0.0981i	-1.8831-0.9142i	-0.8218-0.4936i	-0.8950-0.1004i	-0.3712-0.8449i	2.9196+0.2021i
15.5	-0.7740-0.4321i	-0.9246-0.0722i	-1.8207-0.8608i	-0.7339-0.4273i	-0.8465-0.0755i	-0.3175-0.7797i	2.8628+0.1956i
15.6	-0.7125-0.4032i	-0.8799-0.0707i	-1.7689-0.8022i	-0.6747-0.4024i	-0.8066-0.0709i	-0.2805-0.7263i	2.8085+0.1949i
15.7	-0.6602-0.3748i	-0.8385-0.0697i	-1.7009-0.7379i	-0.6237-0.3735i	-0.7677-0.0701i	-0.2223-0.6712i	2.7621+0.1925i
15.8	-0.5984-0.3447i	-0.7920-0.0646i	-1.6285-0.6780i	-0.5638-0.3435i	-0.7255-0.0637i	-0.1591-0.6267i	2.7237+0.1777i
15.9	-0.5443-0.3318i	-0.7421-0.0608i	-1.5799-0.6242i	-0.5105-0.3340i	-0.6784-0.0586i	-0.1337-0.6087i	2.6655+0.1444i
16.0	-0.5021-0.3260i	-0.6962-0.0542i	-1.5496-0.5828i	-0.4691-0.3294i	-0.6374-0.0499i	-0.1214-0.6004i	2.6134+0.1110i
16.1	-0.4795-0.3189i	-0.6658-0.0472i	-1.5153-0.5312i	-0.4451-0.3190i	-0.6099-0.0436i	-0.1098-0.5936i	2.5653+0.0696i
16.2	-0.4637-0.3062i	-0.6303-0.0455i	-1.4963-0.4570i	-0.4294-0.3070i	-0.5761-0.0410i	-0.1172-0.5665i	2.5095+0.0292i
16.3	-0.4452-0.2765i	-0.5834-0.0358i	-1.4689-0.3558i	-0.4123-0.2800i	-0.5322-0.0306i	-0.1317-0.5276i	2.4451-0.0247i
16.4	-0.4283-0.2546i	-0.5519-0.0429i	-1.4148-0.2877i	-0.3952-0.2582i	-0.5020-0.0383i	-0.1357-0.5014i	2.3775-0.0570i
16.5	-0.3920-0.2316i	-0.5199-0.0528i	-1.3229-0.1906i	-0.3613-0.2335i	-0.4709-0.0472i	-0.1226-0.4523i	2.2951-0.1031i
16.6	-0.3607-0.2218i	-0.4972-0.0583i	-1.2336-0.1469i	-0.3309-0.2240i	-0.4502-0.0514i	-0.0990-0.4236i	2.2293-0.1263i
16.7	-0.3369-0.2219i	-0.4779-0.0591i	-1.1595-0.1253i	-0.3066-0.2251i	-0.4330-0.0518i	-0.0870-0.4139i	2.1595-0.1530i
16.8	-0.3217-0.2171i	-0.4600-0.0718i	-1.0786-0.1304i	-0.2898-0.2177i	-0.4145-0.0637i	-0.0801-0.3842i	2.0669-0.1371i
16.9	-0.3053-0.2075i	-0.4482-0.0745i	-1.0216-0.1138i	-0.2713-0.2067i	-0.4028-0.0671i	-0.0549-0.3569i	2.0122-0.1420i
17.0	-0.2807-0.2060i	-0.4383-0.0747i	-0.9606-0.0991i	-0.2457-0.2085i	-0.3929-0.0668i	-0.0345-0.3541i	1.9551-0.1543i
17.1	-0.2660-0.2111i	-0.4238-0.0737i	-0.9027-0.1175i	-0.2318-0.2133i	-0.3791-0.0660i	-0.0493-0.3585i	1.8745-0.1473i
17.2	-0.2613-0.2128i	-0.4125-0.0759i	-0.8841-0.1382i	-0.2247-0.2150i	-0.3678-0.0694i	-0.0632-0.3208i	1.8271-0.1097i
17.3	-0.2557-0.2061i	-0.4045-0.0719i	-0.8676-0.1332i	-0.2202-0.2092i	-0.3602-0.0663i	-0.0226-0.2868i	1.8196-0.0945i
17.4	-0.2489-0.2042i	-0.3934-0.0702i	-0.8376-0.1261i	-0.2159-0.2072i	-0.3504-0.0644i	0.0019-0.2841i	1.7941-0.0996i
17.5	-0.2402-0.2013i	-0.3791-0.0619i	-0.8149-0.1139i	-0.2064-0.2059i	-0.3390-0.0557i	0.0232-0.2879i	1.7739-0.1220i
17.6	-0.2354-0.2006i	-0.3648-0.0586i	-0.8013-0.1082i	-0.2031-0.2056i	-0.3253-0.0511i	0.0385-0.2990i	1.7515-0.1381i
17.7	-0.2339-0.1963i	-0.3510-0.0510i	-0.7882-0.0820i	-0.2021-0.2012i	-0.3112-0.0442i	0.0491-0.3108i	1.7234-0.1884i
17.8	-0.2344-0.1837i	-0.3419-0.0448i	-0.7671-0.0439i	-0.2022-0.1915i	-0.3028-0.0377i	0.0366-0.3351i	1.6716-0.2484i
17.9	-0.2319-0.1745i	-0.3233-0.0343i	-0.7171-0.0038i	-0.2009-0.1837i	-0.2855-0.0279i	0.0106-0.3540i	1.5777-0.3103i
18.0	-0.2276-0.1678i	-0.3076-0.0325i	-0.6661+0.0025i	-0.1986-0.1776i	-0.2707-0.0275i	-0.0147-0.3591i	1.4853-0.3177i
18.1	-0.2282-0.1573i	-0.2936-0.0316i	-0.6251-0.0193i	-0.2023-0.1678i	-0.2567-0.0258i	-0.0501-0.3416i	1.3909-0.2726i
18.2	-0.2241-0.1481i	-0.2794-0.0327i	-0.6011-0.0368i	-0.1995-0.1563i	-0.2444-0.0269i	-0.0629-0.3250i	1.3409-0.2453i

18.3	-0.2226-0.1341i	-0.2654-0.0369i	-0.6047-0.0527i	-0.1961-0.1406i	-0.2304-0.0325i	-0.0793-0.3004i	1.3039-0.2013i
18.4	-0.2227-0.1191i	-0.2517-0.0414i	-0.6122-0.0580i	-0.1987-0.1245i	-0.2185-0.0347i	-0.0999-0.2791i	1.2759-0.1732i
18.5	-0.2124-0.0944i	-0.2413-0.0393i	-0.6349-0.0228i	-0.1887-0.1016i	-0.2098-0.0359i	-0.1209-0.2343i	1.2599-0.1577i
18.6	-0.1940-0.0694i	-0.2364-0.0282i	-0.6332+0.0577i	-0.1677-0.0791i	-0.2036-0.0296i	-0.1082-0.1793i	1.2736-0.1873i
18.7	-0.1634-0.0716i	-0.2176-0.0257i	-0.5506+0.0900i	-0.1378-0.0831i	-0.1858-0.0246i	-0.0672-0.1723i	1.2282-0.2218i
18.8	-0.1469-0.0853i	-0.1983-0.0261i	-0.4720+0.0520i	-0.1254-0.0955i	-0.1705-0.0235i	-0.0563-0.1827i	1.1358-0.2085i
18.9	-0.1418-0.0846i	-0.1931-0.0244i	-0.4416+0.0303i	-0.1240-0.0915i	-0.1631-0.0257i	-0.0672-0.1762i	1.0797-0.1838i
19.0	-0.1319-0.0792i	-0.1771-0.0381i	-0.4073+0.0233i	-0.1201-0.0861i	-0.1493-0.0391i	-0.0768-0.1554i	0.9996-0.1604i
19.1	-0.1243-0.0806i	-0.1626-0.0438i	-0.3943+0.0039i	-0.1135-0.0861i	-0.1390-0.0443i	-0.0763-0.1406i	0.9753-0.1203i
19.2	-0.1180-0.0758i	-0.1510-0.0381i	-0.3832-0.0080i	-0.1052-0.0802i	-0.1295-0.0376i	-0.0747-0.1247i	0.9434-0.0911i
19.3	-0.1082-0.0706i	-0.1525-0.0413i	-0.3680-0.0166i	-0.0938-0.0755i	-0.1288-0.0402i	-0.0623-0.1063i	0.9116-0.0651i
19.4	-0.0993-0.0681i	-0.1456-0.0390i	-0.3561-0.0180i	-0.0861-0.0713i	-0.1272-0.0384i	-0.0506-0.0946i	0.8928-0.0541i
19.5	-0.0990-0.0675i	-0.1397-0.0365i	-0.3481-0.0231i	-0.0868-0.0669i	-0.1222-0.0353i	-0.0424-0.0902i	0.8748-0.0512i
19.6	-0.0928-0.0667i	-0.1303-0.0321i	-0.3392-0.0304i	-0.0796-0.0659i	-0.1132-0.0305i	-0.0335-0.0862i	0.8609-0.0318i
19.7	-0.0826-0.0605i	-0.1035-0.0307i	-0.3318-0.0328i	-0.0692-0.0626i	-0.0880-0.0292i	-0.0335-0.0798i	0.8375-0.0166i
19.8	-0.0738-0.0558i	-0.0889-0.0298i	-0.3219-0.0378i	-0.0595-0.0578i	-0.0758-0.0274i	-0.0325-0.0725i	0.8158-0.0031i
19.9	-0.0752-0.0533i	-0.0905-0.0275i	-0.3174-0.0385i	-0.0598-0.0549i	-0.0779-0.0252i	-0.0331-0.0636i	0.7890+0.0114i
20.0	-0.0660-0.0492i	-0.0778-0.0175i	-0.3080-0.0330i	-0.0525-0.0512i	-0.0662-0.0156i	-0.0279-0.0558i	0.7628+0.0096i
20.1	-0.0594-0.0501i	-0.0622-0.0320i	-0.3034-0.0334i	-0.0481-0.0493i	-0.0537-0.0277i	-0.0254-0.0552i	0.7400+0.0220i
20.2	-0.0561-0.0506i	-0.0314-0.0420i	-0.2976-0.0317i	-0.0476-0.0467i	-0.0254-0.0399i	-0.0260-0.0448i	0.7045+0.0339i
20.3	-0.0535-0.0484i	-0.0269-0.0420i	-0.2923-0.0294i	-0.0427-0.0447i	-0.0219-0.0420i	-0.0265-0.0315i	0.6949+0.0505i
20.4	-0.0443-0.0396i	-0.0129-0.0508i	-0.2746-0.0221i	-0.0346-0.0361i	-0.0091-0.0493i	-0.0228-0.0188i	0.6609+0.0627i
20.5	-0.0378-0.0329i	0.0128-0.0621i	-0.2623-0.0123i	-0.0298-0.0317i	0.0159-0.0593i	-0.0189-0.0096i	0.6230+0.0652i
20.6	-0.0350-0.0322i	0.0422-0.0634i	-0.2537-0.0104i	-0.0298-0.0312i	0.0418-0.0606i	-0.0182-0.0065i	0.5940+0.0713i
20.7	-0.0249-0.0257i	0.0640-0.0387i	-0.2404-0.0077i	-0.0202-0.0226i	0.0602-0.0364i	-0.0114-0.0020i	0.5583+0.0697i
20.8	-0.0146-0.0226i	0.0842-0.0259i	-0.2286-0.0067i	-0.0125-0.0181i	0.0781-0.0246i	-0.0074+0.0008i	0.5297+0.0801i
20.9	-0.0073-0.0223i	0.0965-0.0858i	-0.2117-0.0084i	-0.0068-0.0145i	0.0891-0.0810i	-0.0064+0.0138i	0.4924+0.1268i
21.0	-0.0012-0.0241i	0.1589-0.1876i	-0.1989-0.0076i	0.0005-0.0154i	0.1442-0.1709i	-0.0084+0.0295i	0.4432+0.1849i
21.1	0.0094-0.0206i	0.1855-0.1902i	-0.1812-0.0093i	0.0081-0.0127i	0.1673-0.1707i	-0.0058+0.0322i	0.4017+0.2001i
21.2	0.0160-0.0195i	0.1664-0.1924i	-0.1714-0.0097i	0.0129-0.0116i	0.1506-0.1700i	0.0043+0.0386i	0.3994+0.2181i
21.3	0.0215-0.0152i	0.1393-0.2465i	-0.1652-0.0070i	0.0179-0.0037i	0.1260-0.2202i	0.0105+0.0508i	0.4110+0.2529i
21.4	0.0233-0.0201i	0.0755-0.2882i	-0.1659-0.0173i	0.0206-0.0033i	0.0713-0.2586i	0.0118+0.0514i	0.4400+0.2850i
21.5	0.0324-0.0164i	0.0867-0.3020i	-0.1477-0.0205i	0.0287-0.0012i	0.0806-0.2729i	0.0225+0.0542i	0.4067+0.2994i
21.6	0.0395-0.0147i	0.0937-0.2975i	-0.1346-0.0191i	0.0345+0.0016i	0.0844-0.2682i	0.0280+0.0568i	0.3781+0.3043i
21.7	0.0460-0.0150i	0.0277-0.2753i	-0.1235-0.0167i	0.0390+0.0023i	0.0255-0.2470i	0.0338+0.0572i	0.3804+0.2966i
21.8	0.0552-0.0140i	0.0105-0.2975i	-0.1098-0.0220i	0.0470+0.0045i	0.0122-0.2657i	0.0438+0.0604i	0.3693+0.3256i
21.9	0.0620-0.0116i	0.0108-0.3079i	-0.0951-0.0252i	0.0551+0.0056i	0.0123-0.2754i	0.0507+0.0551i	0.3511+0.3301i
22.0	0.0694-0.0098i	0.0242-0.2781i	-0.0799-0.0267i	0.0575+0.0087i	0.0214-0.2490i	0.0513+0.0512i	0.2982+0.3137i
22.1	0.0829-0.0150i	0.0617-0.3012i	-0.0606-0.0397i	0.0665+0.0099i	0.0522-0.2672i	0.0482+0.0516i	0.2271+0.3660i
22.2	0.0928-0.0196i	0.0667-0.3377i	-0.0462-0.0488i	0.0744+0.0117i	0.0551-0.2995i	0.0443+0.0551i	0.1845+0.4224i
22.3	0.0967-0.0174i	0.0438-0.3574i	-0.0352-0.0510i	0.0785+0.0169i	0.0349-0.3174i	0.0460+0.0583i	0.1726+0.4468i
22.4	0.1038-0.0264i	0.0115-0.3910i	-0.0312-0.0766i	0.0860+0.0141i	0.0069-0.3463i	0.0515+0.0526i	0.1949+0.5194i
22.5	0.1132-0.0336i	0.0380-0.4268i	-0.0233-0.0915i	0.0938+0.0169i	0.0283-0.3743i	0.0550+0.0627i	0.1616+0.6110i
22.6	0.1215-0.0402i	0.0622-0.4820i	-0.0115-0.1049i	0.1002+0.0243i	0.0513-0.4179i	0.0475+0.0724i	0.0964+0.7222i
22.7	0.1232-0.0489i	0.0403-0.5281i	-0.0150-0.1194i	0.1064+0.0253i	0.0335-0.4553i	0.0481+0.0755i	0.1132+0.8154i
22.8	0.1193-0.0586i	-0.0176-0.5719i	-0.0266-0.1318i	0.1127+0.0218i	-0.0175-0.4936i	0.0593+0.0751i	0.2066+0.8766i
22.9	0.1144-0.0599i	-0.1216-0.5922i	-0.0382-0.1228i	0.1209+0.0197i	-0.1068-0.5125i	0.0701+0.0724i	0.3377+0.8897i
23.0	0.1039-0.0565i	-0.2242-0.5734i	-0.0548-0.1123i	0.1282+0.0173i	-0.1937-0.4959i	0.0759+0.0754i	0.4851+0.8625i
23.1	0.0979-0.0602i	-0.2806-0.5716i	-0.0658-0.1190i	0.1330+0.0184i	-0.2392-0.4946i	0.0720+0.0746i	0.5607+0.8817i
23.2	0.0935-0.0550i	-0.3198-0.5458i	-0.0683-0.1040i	0.1360+0.0193i	-0.2740-0.4710i	0.0715+0.0654i	0.6031+0.8255i
23.3	0.0933-0.0491i	-0.3703-0.5141i	-0.0557-0.0882i	0.1452+0.0195i	-0.3175-0.4417i	0.0692+0.0560i	0.6457+0.7510i
23.4	0.0997-0.0412i	-0.4072-0.4350i	-0.0382-0.0743i	0.1519+0.0113i	-0.3508-0.3783i	0.0721+0.0428i	0.6527+0.6237i
23.5	0.1045-0.0325i	-0.4204-0.4030i	-0.0231-0.0629i	0.1597+0.0089i	-0.3633-0.3505i	0.0701+0.0345i	0.6425+0.5658i
23.6	0.1076-0.0194i	-0.4254-0.3676i	-0.0070-0.0451i	0.1561+0.0133i	-0.3699-0.3184i	0.0544+0.0252i	0.5979+0.4920i
23.7	0.1180-0.0141i	-0.4217-0.3269i	0.0180-0.0394i	0.1602+0.0165i	-0.3662-0.2814i	0.0397+0.0282i	0.5206+0.4603i
23.8	0.1263-0.0166i	-0.4334-0.2968i	0.0374-0.0449i	0.1708+0.0102i	-0.3738-0.2570i	0.0390+0.0281i	0.5047+0.4396i
23.9	0.1385-0.0152i	-0.4168-0.2532i	0.0637-0.0567i	0.1730+0.0110i	-0.3625-0.2213i	0.0207+0.0244i	0.4253+0.4062i
24.0	0.1431-0.0146i	-0.4125-0.2301i	0.0795-0.0573i	0.1748+0.0114i	-0.3552-0.2012i	0.0068+0.0198i	0.3682+0.3921i
24.1	0.1485-0.0118i	-0.4147-0.1829i	0.0972-0.0612i	0.1774+0.0136i	-0.3587-0.1560i	-0.0069+0.0242i	0.3117+0.3531i
24.2	0.1635-0.0114i	-0.4144-0.1588i	0.1270-0.0696i	0.1883+0.0117i	-0.3594-0.1356i	-0.0136+0.0233i	0.2603+0.3342i
24.3	0.1717-0.0157i	-0.3901-0.1416i	0.1413-0.0863i	0.1931+0.0103i	-0.3391-0.1199i	-0.0252+0.0225i	0.1942+0.3487i
24.4	0.1810-0.0139i	-0.3757-0.1259i	0.1673-0.0853i	0.2006+0.0092i	-0.3291-0.1055i	-0.0384+0.0232i	0.1264+0.3364i
24.5	0.1846-0.0095i	-0.3586-0.1065i	0.1765-0.0865i	0.1990+0.0127i	-0.3132-0.0892i	-0.0547+0.0302i	0.0733+0.3338i

24.6	0.1869-0.0123i	-0.3455-0.0952i	0.1883-0.0982i	0.2001+0.0117i	-0.2998-0.0794i	-0.0728+0.0391i	0.0264+0.3675i
24.7	0.1962-0.0150i	-0.3371-0.0911i	0.2098-0.1126i	0.2051+0.0117i	-0.2935-0.0753i	-0.0851+0.0488i	-0.0349+0.3871i
24.8	0.2052-0.0156i	-0.3264-0.0896i	0.2342-0.1211i	0.2104+0.0117i	-0.2830-0.0739i	-0.1058+0.0523i	-0.1125+0.3923i
24.9	0.2152-0.0150i	-0.3180-0.0735i	0.2579-0.1235i	0.2184+0.0134i	-0.2764-0.0613i	-0.1214+0.0536i	-0.1837+0.3805i
25.0	0.2194-0.0133i	-0.3023-0.0574i	0.2731-0.1442i	0.2231+0.0176i	-0.2633-0.0435i	-0.1368+0.0688i	-0.2321+0.4192i
25.1	0.2221-0.0175i	-0.2905-0.0525i	0.2903-0.1700i	0.2257+0.0165i	-0.2491-0.0399i	-0.1581+0.0805i	-0.2951+0.4695i
25.2	0.2292-0.0196i	-0.2852-0.0501i	0.3151-0.1832i	0.2296+0.0184i	-0.2432-0.0376i	-0.1817+0.0921i	-0.3767+0.5014i
25.3	0.2393-0.0207i	-0.2771-0.0392i	0.3438-0.1969i	0.2348+0.0172i	-0.2402-0.0266i	-0.2046+0.1026i	-0.4632+0.5288i
25.4	0.2480-0.0192i	-0.2679-0.0335i	0.3727-0.2208i	0.2435+0.0170i	-0.2332-0.0215i	-0.2272+0.1196i	-0.5386+0.5716i
25.5	0.2583-0.0210i	-0.2609-0.0297i	0.3945-0.2601i	0.2488+0.0189i	-0.2267-0.0185i	-0.2513+0.1544i	-0.6136+0.6529i
25.6	0.2643-0.0168i	-0.2476-0.0254i	0.4096-0.2943i	0.2550+0.0257i	-0.2142-0.0134i	-0.2715+0.1826i	-0.6835+0.7298i
25.7	0.2710-0.0126i	-0.2332-0.0222i	0.4231-0.3322i	0.2615+0.0319i	-0.2026-0.0098i	-0.2925+0.2147i	-0.7414+0.8068i
25.8	0.2838-0.0169i	-0.2254-0.0185i	0.4197-0.3653i	0.2686+0.0288i	-0.1975-0.0060i	-0.2915+0.2389i	-0.7670+0.8847i
25.9	0.2903-0.0197i	-0.2142-0.0128i	0.4333-0.3931i	0.2758+0.0297i	-0.1851-0.0017i	-0.3105+0.2600i	-0.8345+0.9478i
26.0	0.3017-0.0231i	-0.2092-0.0180i	0.4458-0.4278i	0.2824+0.0259i	-0.1796-0.0062i	-0.3242+0.2861i	-0.8957+1.0329i
26.1	0.3089-0.0262i	-0.1961-0.0173i	0.4556-0.4527i	0.2900+0.0269i	-0.1690-0.0039i	-0.3424+0.3112i	-0.9575+1.1099i
26.2	0.3235-0.0286i	-0.1923-0.0157i	0.4499-0.4919i	0.3034+0.0285i	-0.1659-0.0036i	-0.3519+0.3576i	-0.9953+1.2287i
26.3	0.3387-0.0323i	-0.1846-0.0138i	0.4596-0.5438i	0.3157+0.0276i	-0.1609-0.0009i	-0.3727+0.4088i	-1.0704+1.3789i
26.4	0.3484-0.0369i	-0.1760-0.0158i	0.4596-0.5835i	0.3230+0.0287i	-0.1557-0.0039i	-0.3863+0.4520i	-1.1129+1.4925i
26.5	0.3581-0.0426i	-0.1662-0.0163i	0.4495-0.6301i	0.3334+0.0293i	-0.1475-0.0051i	-0.3914+0.5114i	-1.1408+1.6610i
26.6	0.3584-0.0471i	-0.1514-0.0132i	0.4364-0.6624i	0.3369+0.0283i	-0.1335+0.0007i	-0.3925+0.5624i	-1.1480+1.8009i
26.7	0.3680-0.0460i	-0.1412-0.0156i	0.4454-0.6855i	0.3457+0.0280i	-0.1250-0.0015i	-0.4010+0.6196i	-1.1842+1.9376i
26.8	0.3861-0.0516i	-0.1202-0.0242i	0.4594-0.7345i	0.3602+0.0257i	-0.1097-0.0109i	-0.3883+0.6890i	-1.1861+2.1271i
26.9	0.4044-0.0547i	-0.1000-0.0298i	0.4798-0.7878i	0.3724+0.0269i	-0.0922-0.0151i	-0.3796+0.7591i	-1.2039+2.3178i
27.0	0.4207-0.0646i	-0.0902-0.0495i	0.4806-0.8686i	0.3850+0.0210i	-0.0852-0.0293i	-0.3615+0.8374i	-1.1790+2.5597i
27.1	0.4375-0.0792i	-0.0829-0.0767i	0.4856-0.9726i	0.4018+0.0169i	-0.0779-0.0517i	-0.3361+0.9318i	-1.1434+2.8597i
27.2	0.4516-0.1042i	-0.0863-0.1064i	0.4248-1.1009i	0.4144+0.0021i	-0.0773-0.0750i	-0.2467+1.0357i	-0.9151+3.2020i
27.3	0.4501-0.1275i	-0.1005-0.1330i	0.3184-1.2021i	0.4184-0.0114i	-0.0930-0.0954i	-0.1408+1.1086i	-0.6102+3.4413i
27.4	0.4371-0.1444i	-0.1237-0.1518i	0.1743-1.2655i	0.4159-0.0201i	-0.1097-0.1093i	-0.0161+1.1476i	-0.2219+3.5908i
27.5	0.4278-0.1507i	-0.1460-0.1716i	0.0203-1.3018i	0.4152-0.0255i	-0.1281-0.1240i	0.1208+1.1754i	0.1898+3.6863i
27.6	0.4265-0.1522i	-0.1722-0.1776i	-0.1108-1.2917i	0.4190-0.0310i	-0.1474-0.1314i	0.2460+1.1657i	0.5693+3.6416i
27.7	0.4254-0.1586i	-0.2088-0.1676i	-0.2512-1.2252i	0.4234-0.0372i	-0.1785-0.1218i	0.3772+1.0964i	0.9725+3.4477i
27.8	0.4161-0.1599i	-0.2321-0.1553i	-0.3708-1.1466i	0.4224-0.0419i	-0.1970-0.1135i	0.4786+1.0194i	1.2850+3.2099i
27.9	0.4136-0.1495i	-0.2524-0.1389i	-0.4616-1.0108i	0.4202-0.0399i	-0.2115-0.0972i	0.5555+0.8971i	1.5117+2.8284i
28.0	0.4183-0.1371i	-0.2663-0.1270i	-0.4829-0.8977i	0.4235-0.0354i	-0.2235-0.0877i	0.5674+0.7982i	1.5534+2.5247i
28.1	0.4345-0.1286i	-0.2676-0.1067i	-0.4573-0.8212i	0.4295-0.0313i	-0.2268-0.0705i	0.5458+0.7292i	1.4763+2.3060i
28.2	0.4433-0.1203i	-0.2692-0.0900i	-0.4534-0.7335i	0.4382-0.0291i	-0.2294-0.0567i	0.5425+0.6568i	1.4681+2.0647i
28.3	0.4577-0.1170i	-0.2745-0.0785i	-0.4403-0.6549i	0.4513-0.0286i	-0.2329-0.0492i	0.5318+0.5904i	1.4344+1.8535i
28.4	0.4844-0.1217i	-0.2759-0.0641i	-0.3953-0.5929i	0.4681-0.0349i	-0.2341-0.0395i	0.4960+0.5275i	1.3060+1.6655i
28.5	0.5016-0.1268i	-0.2807-0.0586i	-0.3667-0.5595i	0.4748-0.0417i	-0.2397-0.0344i	0.4723+0.4917i	1.2195+1.5570i
28.6	0.5319-0.1286i	-0.2825-0.0463i	-0.3174-0.5178i	0.4929-0.0412i	-0.2450-0.0204i	0.4322+0.4603i	1.0825+1.4459i
28.7	0.5477-0.1355i	-0.2834-0.0335i	-0.2788-0.4823i	0.5004-0.0460i	-0.2454-0.0105i	0.3975+0.4295i	0.9682+1.3439i
28.8	0.5669-0.1459i	-0.2780-0.0266i	-0.2451-0.4606i	0.5113-0.0567i	-0.2421-0.0060i	0.3722+0.4086i	0.8616+1.2737i
28.9	0.5867-0.1461i	-0.2816-0.0202i	-0.2004-0.4295i	0.5184-0.0543i	-0.2464-0.0019i	0.3288+0.3845i	0.7331+1.1963i
29.0	0.6064-0.1597i	-0.2906-0.0137i	-0.1668-0.4136i	0.5261-0.0634i	-0.2561+0.0045i	0.2948+0.3700i	0.6260+1.1447i
29.1	0.6209-0.1731i	-0.2938-0.0097i	-0.1317-0.4066i	0.5304-0.0784i	-0.2602+0.0123i	0.2677+0.3631i	0.5335+1.1156i
29.2	0.6312-0.1872i	-0.2990+0.0005i	-0.0874-0.4155i	0.5290-0.0825i	-0.2657+0.0213i	0.2267+0.3709i	0.3972+1.1268i
29.3	0.6579-0.1972i	-0.3025+0.0066i	-0.0385-0.3949i	0.5355-0.0890i	-0.2693+0.0279i	0.1820+0.3566i	0.2426+1.0744i
29.4	0.6925-0.2124i	-0.3048+0.0118i	0.0037-0.3871i	0.5601-0.0953i	-0.2742+0.0352i	0.1541+0.3574i	0.1449+1.0842i
29.5	0.7188-0.2282i	-0.3147+0.0173i	0.0562-0.3857i	0.5596-0.1018i	-0.2859+0.0414i	0.1060+0.3673i	-0.0140+1.0954i
29.6	0.7105-0.2504i	-0.3248+0.0290i	0.0904-0.4003i	0.5388-0.1144i	-0.2926+0.0521i	0.0711+0.3707i	-0.1193+1.1053i
29.7	0.7172-0.2738i	-0.3370+0.0421i	0.1423-0.4213i	0.5285-0.1224i	-0.3038+0.0629i	0.0265+0.3880i	-0.2662+1.1502i
29.8	0.7422-0.2926i	-0.3498+0.0508i	0.2108-0.4284i	0.5349-0.1296i	-0.3181+0.0729i	-0.0296+0.3985i	-0.4411+1.1832i
29.9	0.7645-0.3052i	-0.3598+0.0573i	0.2564-0.4278i	0.5401-0.1352i	-0.3290+0.0831i	-0.0661+0.4139i	-0.5467+1.2109i
30.0	0.7937-0.3300i	-0.3634+0.0728i	0.3141-0.4451i	0.5455-0.1397i	-0.3352+0.1032i	-0.1116+0.4386i	-0.6942+1.2706i
30.1	0.8090-0.3497i	-0.3820+0.0982i	0.3838-0.4882i	0.5304-0.1311i	-0.3549+0.1251i	-0.1702+0.4722i	-0.8807+1.3552i
30.2	0.8270-0.3764i	-0.4003+0.1113i	0.4430-0.5231i	0.5254-0.1380i	-0.3704+0.1373i	-0.2177+0.5063i	-1.0185+1.4408i
30.3	0.8497-0.4000i	-0.4128+0.1393i	0.5064-0.5647i	0.5194-0.1269i	-0.3843+0.1655i	-0.2725+0.5491i	-1.2005+1.5493i
30.4	0.8648-0.4395i	-0.4233+0.1672i	0.5635-0.6410i	0.5140-0.1124i	-0.3964+0.1990i	-0.3150+0.6191i	-1.3730+1.7449i
30.5	0.8935-0.4873i	-0.4444+0.1868i	0.6344-0.6995i	0.5101-0.1099i	-0.4153+0.2226i	-0.3594+0.6785i	-1.5339+1.9193i
30.6	0.9008-0.5169i	-0.4552+0.2220i	0.6778-0.7503i	0.5058-0.0962i	-0.4241+0.2606i	-0.3928+0.7229i	-1.6304+2.0489i
30.7	0.8976-0.5464i	-0.4545+0.2688i	0.7485-0.8336i	0.4910-0.0663i	-0.4207+0.3130i	-0.4475+0.7978i	-1.7629+2.2506i
30.8	0.9092-0.5900i	-0.4586+0.3149i	0.8254-0.9453i	0.4884-0.0321i	-0.4240+0.3552i	-0.4941+0.8958i	-1.9127+2.5376i

30.9	0.9224-0.6255i	-0.4768+0.3557i	0.8864-1.0628i	0.4899+0.0005i	-0.4345+0.3960i	-0.5360+0.9853i	-2.0175+2.8027i
31.0	0.9328-0.6708i	-0.4729+0.4160i	0.9304-1.2045i	0.5024+0.0367i	-0.4274+0.4580i	-0.5679+1.1009i	-2.1134+3.1078i
31.1	0.9396-0.7265i	-0.4606+0.4729i	0.9664-1.3706i	0.5181+0.0806i	-0.4161+0.5184i	-0.5885+1.2359i	-2.1864+3.4946i
31.2	0.9519-0.7790i	-0.4533+0.5360i	1.0106-1.5270i	0.5445+0.1335i	-0.4060+0.5827i	-0.6171+1.3665i	-2.2617+3.8576i
31.3	0.9553-0.8105i	-0.4555+0.5893i	1.0648-1.6649i	0.5681+0.1892i	-0.3992+0.6333i	-0.6700+1.4780i	-2.3565+4.1506i
31.4	0.9434-0.8702i	-0.4238+0.6498i	1.0339-1.8473i	0.6227+0.2275i	-0.3606+0.6954i	-0.6349+1.6283i	-2.2349+4.5364i
31.5	0.9227-0.9414i	-0.3747+0.7346i	1.0121-2.0889i	0.6970+0.2777i	-0.2996+0.7787i	-0.6069+1.8354i	-2.1226+5.0438i
31.6	0.9156-0.9834i	-0.3354+0.8092i	0.9712-2.3075i	0.7672+0.3272i	-0.2528+0.8485i	-0.5778+2.0177i	-2.0277+5.4627i
31.7	0.8628-1.0241i	-0.2594+0.8633i	0.8722-2.5394i	0.8702+0.3593i	-0.1616+0.8941i	-0.4856+2.2119i	-1.7253+5.9131i
31.8	0.8444-1.0875i	-0.2125+0.9246i	0.8019-2.7840i	0.9666+0.3752i	-0.1067+0.9487i	-0.4079+2.4072i	-1.4955+6.3665i
31.9	0.8331-1.1304i	-0.1437+0.9883i	0.6726-3.0264i	1.0650+0.3951i	-0.0341+1.0003i	-0.2927+2.6129i	-1.2315+6.7877i
32.0	0.7816-1.0865i	-0.0300+0.9856i	0.4477-3.1448i	1.1451+0.3730i	0.0724+0.9760i	-0.0949+2.7145i	-0.7577+6.9026i
32.1	0.7501-1.0805i	0.0564+1.0128i	0.2105-3.3807i	1.2673+0.3653i	0.1570+0.9746i	0.1024+2.9027i	-0.2819+7.2444i
32.2	0.7205-1.1589i	0.1589+1.0846i	-0.0195-3.6878i	1.4168+0.3465i	0.2679+1.0366i	0.3129+3.1525i	0.2025+7.7898i
32.3	0.6961-1.1993i	0.2638+1.1125i	-0.3527-3.8503i	1.5227+0.3118i	0.3640+1.0519i	0.5976+3.2541i	0.7711+7.9973i
32.4	0.6738-1.2650i	0.4128+1.1807i	-0.7511-4.1636i	1.6666+0.2851i	0.4984+1.0998i	0.9257+3.4844i	1.3852+8.4368i
32.5	0.6237-1.2585i	0.5903+1.1456i	-1.2589-4.1988i	1.7895+0.1996i	0.6451+1.0535i	1.3309+3.4704i	2.2090+8.4117i
32.6	0.5845-1.2496i	0.7191+1.1011i	-1.6504-4.2476i	1.9060+0.1205i	0.7541+0.9942i	1.6438+3.4970i	2.7823+8.4156i
32.7	0.5930-1.1861i	0.8253+0.9782i	-1.9617-4.0217i	2.0144+0.0314i	0.8399+0.8707i	1.8846+3.3309i	3.1940+7.9571i
32.8	0.5976-1.2010i	0.9594+0.8962i	-2.4797-3.8178i	2.1436-0.0991i	0.9450+0.7951i	2.2920+3.1514i	3.9493+7.7033i
32.9	0.6146-1.2086i	1.0586+0.8265i	-2.8788-3.7999i	2.2617-0.2135i	1.0187+0.7220i	2.6191+3.1325i	4.4701+7.6992i
33.0	0.6528-1.1679i	1.1403+0.6702i	-3.1251-3.4833i	2.3555-0.3568i	1.0809+0.5841i	2.8160+2.8723i	4.8046+7.2073i
33.1	0.6649-1.2010i	1.2515+0.5381i	-3.5709-3.1788i	2.4746-0.5381i	1.1684+0.4726i	3.1579+2.6054i	5.4449+6.8733i
33.2	0.6785-1.1958i	1.2712+0.2993i	-3.9480-2.4773i	2.4932-0.8140i	1.1732+0.2689i	3.4255+2.0341i	6.1461+5.9434i
33.3	0.7762-1.1747i	1.2172+0.1626i	-3.9786-2.0825i	2.5187-0.9520i	1.1166+0.1487i	3.4429+1.7274i	6.2479+5.3506i
33.4	0.9145-1.1840i	1.1160+0.0302i	-3.8026-1.5744i	2.4996-1.0949i	1.0174+0.0389i	3.3022+1.3486i	6.0684+4.5443i
33.5	1.0634-1.2995i	1.0763-0.0740i	-3.8651-1.2123i	2.5830-1.3044i	0.9714-0.0368i	3.3532+1.0753i	6.1590+4.1015i
33.6	1.2097-1.5100i	1.0092-0.1222i	-3.7507-1.0053i	2.6522-1.5358i	0.9075-0.0616i	3.2602+0.9215i	5.9450+3.9028i
33.7	1.2634-1.7336i	0.8984-0.1892i	-3.4202-0.6489i	2.5952-1.8348i	0.8171-0.1061i	3.0090+0.6419i	5.5494+3.3821i
33.8	1.3060-1.9634i	0.7892-0.1923i	-2.9530-0.4919i	2.5073-2.0375i	0.7276-0.0974i	2.6618+0.5164i	4.8860+3.0933i
33.9	1.3493-2.2532i	0.6995-0.1315i	-2.4712-0.6743i	2.4364-2.2126i	0.6516-0.0316i	2.2989+0.6513i	4.1201+3.3211i
34.0	1.4029-2.6693i	0.6749-0.0512i	-2.4060-1.2138i	2.5202-2.4920i	0.6324+0.0504i	2.2462+1.0529i	3.9379+4.4175i
34.1	1.2198-3.1503i	0.7333+0.0061i	-2.7264-1.6949i	2.4530-2.8945i	0.6958+0.1040i	2.4812+1.4083i	4.5932+5.4673i
34.2	0.9611-3.5968i	0.7916+0.0240i	-3.1551-1.9666i	2.3110-3.2897i	0.7575+0.1378i	2.7936+1.6204i	5.5259+5.9629i
34.3	0.2995-4.1759i	0.8886-0.0042i	-3.9762-1.9987i	1.8441-3.8668i	0.8714+0.1438i	3.4200+1.6491i	7.1689+5.9479i
34.4	-0.7445-4.6586i	1.0606-0.0743i	-5.0532-1.5705i	1.1368-4.4535i	1.0823+0.0971i	4.2629+1.3458i	9.2061+5.2461i
34.5	-1.9247-4.4015i	1.1700-0.2045i	-5.9036-0.7039i	0.2628-4.4475i	1.2447-0.0400i	4.9106+0.7145i	10.5596+3.9091i
34.6	-2.8411-3.9049i	1.2697-0.3548i	-6.4588+0.2091i	-0.4067-4.2400i	1.3836-0.2108i	5.3340+0.0605i	11.4001+2.6297i
34.7	-3.4645-2.5448i	1.2152-0.6410i	-6.1330+1.8664i	-1.0889-3.4805i	1.3583-0.5603i	5.1342-1.2227i	11.2358+0.0361i
34.8	-3.4542-1.4518i	1.0756-0.8916i	-5.3860+3.1170i	-1.3476-2.9222i	1.2046-0.8628i	4.6384-2.2415i	10.6314-2.0377i
34.9	-3.0552-0.8254i	0.9081-0.9679i	-4.5103+3.5920i	-1.2855-2.4922i	1.0148-0.9648i	3.9801-2.6500i	9.5653-3.0772i
35.0	-2.6992-0.2794i	0.7282-1.0666i	-3.6449+4.1439i	-1.2876-2.1673i	0.8124-1.0826i	3.3334-3.1220i	8.5697-4.2568i
35.1	-2.1766+0.0055i	0.5219-1.0584i	-2.6204+4.1402i	-1.1881-1.8672i	0.5790-1.0773i	2.5222-3.1837i	7.0497-4.8002i
35.2	-1.6885+0.2143i	0.3200-1.0244i	-1.6545+3.9780i	-1.0990-1.5834i	0.3544-1.0378i	1.7383-3.1128i	5.4652-5.1107i
35.3	-1.3211+0.3140i	0.1614-0.9909i	-0.9632+3.7704i	-1.0284-1.4017i	0.1827-1.0002i	1.1754-2.9978i	4.2593-5.2402i
35.4	-1.0247+0.3021i	0.0579-0.9137i	-0.5228+3.3940i	-0.9148-1.2500i	0.0661-0.9137i	0.7903-2.7210i	3.2864-4.9308i
35.5	-0.7350+0.1668i	0.0104-0.7857i	-0.2071+2.8322i	-0.7336-1.1351i	0.0120-0.7748i	0.4802-2.2746i	2.3997-4.2246i
35.6	-0.5300+0.1268i	-0.0659-0.7019i	0.0988+2.5343i	-0.6575-1.0287i	-0.0654-0.6831i	0.2084-2.0556i	1.6825-3.9130i
35.7	-0.3334+0.0278i	-0.0962-0.5826i	0.3120+2.0721i	-0.5252-0.9069i	-0.0988-0.5550i	-0.0085-1.6922i	1.0431-3.2805i
35.8	-0.2186-0.1122i	-0.0801-0.5098i	0.2697+1.6840i	-0.3790-0.8915i	-0.0838-0.4772i	-0.0037-1.3526i	0.8589-2.6248i
35.9	-0.0964-0.2259i	-0.0782-0.4349i	0.2784+1.3773i	-0.2413-0.8738i	-0.0841-0.3985i	-0.0381-1.0853i	0.5900-2.0835i
36.0	-0.0205-0.2893i	-0.0614-0.3980i	0.2470+1.2399i	-0.1422-0.8700i	-0.0681-0.3579i	-0.0359-0.9628i	0.5278-1.7910i
36.1	0.0625-0.3610i	-0.0542-0.3404i	0.2681+1.0224i	-0.0553-0.8343i	-0.0563-0.2949i	-0.0693-0.7779i	0.3799-1.4310i
36.2	0.1116-0.5011i	-0.0143-0.3139i	0.1492+0.8523i	0.0641-0.9130i	-0.0180-0.2621i	0.0103-0.6016i	0.4279-1.0376i
36.3	0.1545-0.5881i	0.0048-0.2954i	0.1054+0.7419i	0.1327-0.9569i	-0.0007-0.2411i	0.0353-0.4851i	0.4135-0.7955i
36.4	0.2285-0.6779i	0.0149-0.2450i	0.0888+0.5903i	0.2287-0.9598i	0.0076-0.1862i	0.0339-0.3486i	0.3377-0.5109i
36.5	0.2493-0.7962i	0.0441-0.2304i	0.0019+0.5071i	0.3057-1.0422i	0.0369-0.1631i	0.0969-0.2468i	0.4107-0.2649i
36.6	0.2167-0.8941i	0.0711-0.2519i	-0.0125+0.4649i	0.3110-1.1504i	0.0704-0.1768i	0.1156-0.1800i	0.4419-0.1293i
36.7	0.2430-0.9741i	0.0882-0.2457i	-0.0417+0.4114i	0.3618-1.2112i	0.0862-0.1690i	0.1328-0.1128i	0.4420+0.0137i
36.8	0.2621-1.0576i	0.1026-0.2332i	-0.0548+0.3267i	0.4066-1.2582i	0.0999-0.1528i	0.1361-0.0281i	0.4215+0.1725i
36.9	0.2345-1.1618i	0.1255-0.2373i	-0.0797+0.2693i	0.4122-1.3482i	0.1240-0.1516i	0.1593+0.0460i	0.4536+0.3455i
37.0	0.2295-1.2409i	0.1448-0.2329i	-0.1222+0.2003i	0.4496-1.4020i	0.1482-0.1384i	0.1932+0.1261i	0.4885+0.4910i
37.1	0.2032-1.3732i	0.1577-0.2462i	-0.1426+0.1636i	0.4616-1.5324i	0.1672-0.1470i	0.2131+0.2024i	0.5261+0.6298i

37.2	0.1695-1.4333i	0.1510-0.2643i	-0.1331+0.1298i	0.4329-1.5969i	0.1669-0.1618i	0.2136+0.2597i	0.5228+0.6936i
37.3	0.1273-1.4668i	0.1484-0.2717i	-0.1236+0.1014i	0.3876-1.6381i	0.1672-0.1665i	0.2129+0.2999i	0.5218+0.7453i
37.4	0.0862-1.5219i	0.1522-0.2769i	-0.1313+0.0577i	0.3692-1.6958i	0.1772-0.1694i	0.2260+0.3670i	0.5522+0.8228i
37.5	0.0357-1.6587i	0.1555-0.2835i	-0.1550-0.0211i	0.3573-1.8229i	0.1882-0.1704i	0.2588+0.4871i	0.5993+0.9933i
37.6	-0.0325-1.7459i	0.1428-0.2907i	-0.1409-0.0716i	0.2890-1.9107i	0.1802-0.1778i	0.2914+0.5728i	0.6294+1.0647i
37.7	-0.1626-1.8088i	0.1318-0.3122i	-0.1763-0.0927i	0.1708-2.0097i	0.1796-0.1993i	0.3718+0.6233i	0.7446+1.1314i
37.8	-0.2206-1.8370i	0.1036-0.3141i	-0.1735-0.1168i	0.0874-2.0506i	0.1615-0.2038i	0.4075+0.6635i	0.7797+1.1694i
37.9	-0.2886-1.9069i	0.0907-0.3170i	-0.1987-0.1790i	0.0222-2.1238i	0.1582-0.2044i	0.4677+0.7516i	0.8109+1.2852i
38.0	-0.3960-1.9638i	0.0850-0.3125i	-0.2202-0.2695i	-0.0738-2.1781i	0.1605-0.2016i	0.5361+0.8423i	0.8760+1.3903i
38.1	-0.4594-1.9609i	0.0675-0.3012i	-0.2507-0.3217i	-0.1460-2.1698i	0.1452-0.1961i	0.6050+0.8733i	0.9557+1.4155i
38.2	-0.5648-2.0066i	0.0555-0.2928i	-0.2894-0.4203i	-0.2520-2.2141i	0.1375-0.1923i	0.6885+0.9607i	1.0258+1.4866i
38.3	-0.6624-2.0039i	0.0393-0.2805i	-0.3234-0.4524i	-0.3624-2.2032i	0.1284-0.1870i	0.7546+0.9843i	1.0966+1.4687i
38.4	-0.7172-2.0211i	0.0372-0.2667i	-0.3543-0.4884i	-0.4181-2.2083i	0.1299-0.1815i	0.8087+1.0200i	1.1461+1.4779i
38.5	-0.7851-2.0267i	0.0341-0.2565i	-0.4290-0.5559i	-0.4842-2.2124i	0.1288-0.1804i	0.9178+1.0804i	1.2087+1.5143i
38.6	-0.9384-2.0147i	0.0302-0.2354i	-0.5740-0.5704i	-0.6321-2.1929i	0.1221-0.1640i	1.1097+1.0783i	1.3856+1.5087i
38.7	-1.0322-2.0019i	0.0264-0.2145i	-0.6450-0.5363i	-0.7293-2.1629i	0.1172-0.1430i	1.2130+1.0303i	1.4555+1.4441i
38.8	-1.1041-2.0309i	0.0210-0.1900i	-0.6819-0.5210i	-0.8094-2.1636i	0.1111-0.1191i	1.3010+1.0130i	1.4901+1.3910i
38.9	-1.1916-1.9743i	0.0268-0.1804i	-0.7234-0.5315i	-0.8892-2.0989i	0.1144-0.1150i	1.3917+0.9831i	1.4903+1.3707i
39.0	-1.2562-1.9172i	0.0287-0.1572i	-0.7809-0.4810i	-0.9655-2.0191i	0.1135-0.0981i	1.4827+0.8896i	1.5234+1.3121i
39.1	-1.3474-1.9154i	0.0486-0.1344i	-0.8191-0.4512i	-1.0220-1.9913i	0.1332-0.0765i	1.5532+0.8183i	1.5710+1.2523i
39.2	-1.4122-1.8623i	0.0628-0.1251i	-0.8500-0.4561i	-1.0625-1.9215i	0.1446-0.0672i	1.6025+0.7627i	1.5631+1.2061i
39.3	-1.5170-1.8056i	0.0867-0.1267i	-0.9055-0.4665i	-1.1348-1.8786i	0.1707-0.0662i	1.6523+0.7100i	1.5183+1.1984i
39.4	-1.5938-1.7567i	0.1033-0.1198i	-0.9393-0.4432i	-1.1905-1.8265i	0.1866-0.0555i	1.6924+0.6352i	1.5038+1.1595i
39.5	-1.6428-1.7031i	0.1262-0.1204i	-0.9638-0.3992i	-1.2150-1.7711i	0.2079-0.0547i	1.7005+0.5501i	1.4818+1.1250i
39.6	-1.7481-1.6187i	0.1627-0.1246i	-1.0183-0.3608i	-1.2679-1.7135i	0.2471-0.0641i	1.7263+0.4709i	1.4762+1.1191i
39.7	-1.7708-1.5439i	0.1666-0.1478i	-1.0021-0.3569i	-1.2788-1.6640i	0.2500-0.0874i	1.7023+0.4391i	1.4344+1.1359i
39.8	-1.7974-1.4934i	0.1551-0.1424i	-1.0037-0.3960i	-1.3136-1.6144i	0.2370-0.0829i	1.7063+0.4301i	1.4314+1.1091i
39.9	-1.8388-1.4704i	0.1666-0.1304i	-1.0295-0.4108i	-1.3349-1.5745i	0.2518-0.0685i	1.7076+0.4041i	1.4201+1.0869i
40.0	-1.8563-1.4130i	0.1767-0.1317i	-1.0508-0.3914i	-1.3333-1.5255i	0.2626-0.0707i	1.7024+0.3561i	1.3840+1.0508i
40.1	-1.9068-1.3247i	0.2005-0.1464i	-1.0869-0.3811i	-1.3557-1.4579i	0.2837-0.0858i	1.7023+0.3189i	1.3542+1.0253i
40.2	-1.9163-1.2523i	0.1893-0.1643i	-1.1143-0.3544i	-1.3806-1.4125i	0.2734-0.1024i	1.7130+0.2973i	1.3413+1.0484i
40.3	-1.9305-1.2014i	0.1960-0.1756i	-1.1514-0.3352i	-1.3918-1.3837i	0.2790-0.1157i	1.7239+0.2743i	1.3105+1.0647i
40.4	-1.9276-1.1251i	0.2079-0.1900i	-1.1815-0.2881i	-1.3830-1.3202i	0.2968-0.1305i	1.7346+0.2148i	1.2941+1.0566i
40.5	-1.9237-1.0739i	0.2068-0.2089i	-1.1376-0.2056i	-1.3995-1.2902i	0.2953-0.1491i	1.6835+0.1454i	1.2609+1.0251i
40.6	-1.9207-1.0420i	0.1967-0.2133i	-1.1069-0.2092i	-1.4149-1.2664i	0.2804-0.1521i	1.6340+0.1384i	1.2370+1.0184i
40.7	-1.9163-0.9848i	0.1810-0.1964i	-1.0401-0.2632i	-1.4247-1.1926i	0.2662-0.1350i	1.5517+0.1726i	1.1704+0.9999i
40.8	-1.9262-0.9236i	0.1662-0.1990i	-1.0051-0.2413i	-1.4552-1.1416i	0.2529-0.1400i	1.5110+0.1457i	1.1473+0.9973i
40.9	-1.9360-0.8752i	0.1701-0.2132i	-1.0462-0.2938i	-1.4544-1.0972i	0.2608-0.1538i	1.5218+0.1894i	1.1233+1.0168i
41.0	-1.9383-0.8541i	0.1759-0.2108i	-1.0932-0.3391i	-1.4470-1.0505i	0.2685-0.1478i	1.5434+0.2186i	1.0974+1.0274i
41.1	-1.9250-0.8358i	0.1802-0.1999i	-1.1077-0.3342i	-1.4261-1.0186i	0.2711-0.1344i	1.5315+0.2037i	1.0635+1.0518i
41.2	-1.9066-0.7846i	0.1959-0.2119i	-1.1583-0.3727i	-1.3860-0.9924i	0.2866-0.1468i	1.5667+0.2342i	1.0139+1.0895i
41.3	-1.9011-0.7250i	0.1830-0.2177i	-1.2041-0.3341i	-1.3940-0.9411i	0.2777-0.1522i	1.5921+0.2158i	1.0277+1.1024i
41.4	-1.8711-0.7056i	0.1864-0.1850i	-1.0890-0.3303i	-1.3708-0.8790i	0.2753-0.1243i	1.4867+0.2363i	0.9789+1.0513i
41.5	-1.8553-0.7219i	0.1806-0.1572i	-1.1001-0.3941i	-1.3555-0.8475i	0.2642-0.0913i	1.4912+0.2672i	0.9644+1.0675i
41.6	-1.8495-0.7134i	0.1699-0.1479i	-1.1894-0.4311i	-1.3343-0.8172i	0.2613-0.0755i	1.5638+0.2987i	0.9535+1.1199i
41.7	-1.8315-0.7079i	0.1723-0.1343i	-1.2797-0.4779i	-1.2977-0.7894i	0.2724-0.0615i	1.6574+0.3384i	0.9056+1.1422i
41.8	-1.8314-0.6882i	0.2091-0.1583i	-1.3369-0.4021i	-1.2674-0.8075i	0.3043-0.0858i	1.6850+0.2655i	0.8567+1.1617i
41.9	-1.8605-0.6872i	0.2381-0.1628i	-1.3201-0.3719i	-1.2559-0.8244i	0.3381-0.0888i	1.6264+0.2320i	0.8668+1.1747i
42.0	-1.8618-0.6684i	0.2382-0.1773i	-1.3779-0.3969i	-1.2474-0.8207i	0.3418-0.1028i	1.6733+0.2689i	0.8603+1.2030i
42.1	-1.8555-0.6569i	0.2550-0.1740i	-1.4061-0.3791i	-1.2243-0.7881i	0.3594-0.1018i	1.7121+0.2594i	0.8145+1.2146i
42.2	-1.8705-0.6299i	0.2392-0.2318i	-1.4472-0.4541i	-1.2201-0.7997i	0.3428-0.1580i	1.7564+0.3282i	0.7550+1.2742i
42.3	-1.8886-0.6472i	0.2039-0.2009i	-1.5670-0.4067i	-1.2082-0.8182i	0.3110-0.1262i	1.8424+0.2795i	0.7716+1.2876i
42.4	-1.8736-0.6136i	0.1744-0.1551i	-1.5519-0.3507i	-1.2146-0.8314i	0.2875-0.0833i	1.8244+0.2232i	0.7456+1.3148i
42.5	-1.9055-0.6291i	0.2102-0.1306i	-1.5612-0.4579i	-1.2674-0.8431i	0.3236-0.0562i	1.7800+0.3155i	0.7677+1.3712i
42.6	-1.8946-0.6391i	0.2538-0.1236i	-1.6785-0.3921i	-1.2468-0.8198i	0.3665-0.0512i	1.8879+0.3004i	0.7788+1.3438i
42.7	-1.8926-0.6655i	0.2943-0.1083i	-1.8069-0.3016i	-1.2247-0.7904i	0.4099-0.0294i	2.0287+0.2146i	0.7921+1.3042i
42.8	-1.9470-0.6541i	0.3620-0.1304i	-1.8604-0.2203i	-1.1991-0.7754i	0.4893-0.0515i	2.0717+0.1470i	0.7221+1.3152i
42.9	-1.9815-0.6094i	0.4059-0.2214i	-1.8306-0.1414i	-1.1818-0.8128i	0.5325-0.1477i	2.0801+0.0646i	0.6729+1.3630i
43.0	-1.9932-0.6271i	0.3634-0.2728i	-1.7789-0.1619i	-1.2069-0.8510i	0.4836-0.1923i	2.0577+0.0105i	0.6484+1.4010i
43.1	-2.0591-0.6379i	0.2864-0.2877i	-1.8299-0.1998i	-1.2835-0.8678i	0.4157-0.2040i	1.9926-0.0404i	0.7122+1.4810i
43.2	-2.1011-0.6240i	0.2372-0.2416i	-1.9777-0.1969i	-1.3359-0.8362i	0.3759-0.1559i	2.0036-0.0266i	0.7873+1.4557i
43.3	-2.1418-0.5730i	0.2727-0.1984i	-2.0164-0.0411i	-1.3350-0.7863i	0.4205-0.1187i	2.0133-0.0697i	0.7598+1.3556i
43.4	-2.1750-0.5089i	0.3215-0.2031i	-1.9663+0.0191i	-1.3176-0.7391i	0.4774-0.1284i	1.9999-0.0598i	0.6444+1.3209i

43.5	-2.1902-0.4928i	0.3400-0.2062i	-1.9616+0.0940i	-1.2913-0.7373i	0.4929-0.1322i	2.0076-0.1330i	0.5759+1.3623i
43.6	-2.2103-0.4736i	0.3341-0.2339i	-1.8821+0.1204i	-1.3210-0.7848i	0.4895-0.1633i	1.9322-0.1960i	0.5136+1.4198i
43.7	-2.2159-0.4569i	0.3001-0.2402i	-1.9048+0.0059i	-1.3918-0.7710i	0.4571-0.1684i	1.9005-0.1009i	0.5344+1.4783i
43.8	-2.2701-0.4379i	0.3298-0.2021i	-2.1873+0.0929i	-1.3641-0.7059i	0.5039-0.1345i	2.1112-0.1195i	0.4893+1.4296i
43.9	-2.3111-0.3834i	0.3610-0.2201i	-2.1908+0.3399i	-1.3484-0.7106i	0.5458-0.1652i	2.1074-0.2654i	0.4121+1.4698i
44.0	-2.2942-0.3322i	0.3756-0.2287i	-2.0975+0.3900i	-1.3260-0.6940i	0.5528-0.1804i	2.1014-0.2814i	0.3721+1.5066i
44.1	-2.2996-0.3214i	0.4042-0.2556i	-2.1297+0.5067i	-1.2808-0.7246i	0.5893-0.2090i	2.1527-0.4343i	0.2944+1.5086i
44.2	-2.3347-0.2667i	0.4207-0.3270i	-2.0423+0.6972i	-1.2724-0.8030i	0.6121-0.2877i	2.0679-0.6223i	0.1791+1.6222i
44.3	-2.3324-0.1750i	0.3548-0.4013i	-1.6654+0.7710i	-1.3763-0.8853i	0.5403-0.3766i	1.7012-0.7647i	0.1826+1.8756i
44.4	-2.2636-0.1900i	0.2201-0.3492i	-1.4257+0.4524i	-1.5854-0.8691i	0.3931-0.3286i	1.3544-0.5125i	0.4207+1.9759i
44.5	-2.2992-0.2418i	0.2660-0.2358i	-1.6353+0.2697i	-1.6123-0.7324i	0.4330-0.2118i	1.4640-0.2445i	0.5052+1.8258i
44.6	-2.3299-0.2403i	0.3326-0.1846i	-1.7117+0.2443i	-1.5938-0.6677i	0.5013-0.1659i	1.5348-0.1867i	0.4486+1.7852i
44.7	-2.3945-0.2783i	0.4346-0.2047i	-1.8977+0.0823i	-1.5848-0.5840i	0.6099-0.1749i	1.6798-0.0441i	0.4315+1.7474i
44.8	-2.4629-0.2744i	0.4328-0.2495i	-2.1100+0.1295i	-1.5563-0.5538i	0.6164-0.2214i	1.8211-0.0465i	0.4004+1.7056i
44.9	-2.6256-0.2050i	0.5706-0.2571i	-2.4210+0.3150i	-1.4718-0.5321i	0.7661-0.2365i	2.0249-0.1156i	0.1998+1.6612i
45.0	-2.7009-0.1103i	0.6161-0.3780i	-2.4607+0.5866i	-1.4665-0.5912i	0.8156-0.3649i	2.0269-0.2958i	0.0561+1.7413i
45.1	-2.6923+0.0515i	0.4789-0.5522i	-2.1733+0.8156i	-1.5573-0.6325i	0.6722-0.5502i	1.7658-0.3538i	0.0473+1.9722i
45.2	-2.6587+0.1629i	0.3466-0.5098i	-2.0839+0.8295i	-1.5925-0.5674i	0.5376-0.5209i	1.7425-0.2292i	0.1039+2.0661i
45.3	-2.5959+0.2297i	0.2999-0.3972i	-1.9077+0.9019i	-1.6453-0.5438i	0.4683-0.4265i	1.7031-0.1749i	0.1986+2.1734i
45.4	-2.5818+0.1055i	0.3754-0.2896i	-2.0810+0.5334i	-1.6220-0.4636i	0.5298-0.2965i	1.9819+0.0728i	0.2994+2.0820i
45.5	-2.7113+0.2327i	0.4699-0.3543i	-2.2943+0.9756i	-1.5696-0.4948i	0.6503-0.3685i	2.1339-0.2275i	0.1184+2.1655i
45.6	-2.6309+0.2728i	0.4949-0.3528i	-2.0360+0.9975i	-1.5790-0.4961i	0.6595-0.3796i	2.0509-0.2343i	0.1798+2.2517i
45.7	-2.7063+0.2079i	0.6052-0.3860i	-2.2765+0.8822i	-1.5236-0.4758i	0.7693-0.3927i	2.2942-0.2718i	0.0708+2.1498i
45.8	-2.8210+0.3643i	0.6248-0.5933i	-2.2860+1.3132i	-1.5634-0.5754i	0.7984-0.6086i	2.2028-0.6489i	-0.0761+2.3059i
45.9	-2.7708+0.5448i	0.4588-0.7446i	-1.9644+1.5087i	-1.6636-0.5927i	0.6234-0.7775i	1.9271-0.6946i	0.0035+2.5766i
46.0	-2.6901+0.5820i	0.2674-0.6744i	-1.7512+1.4463i	-1.7120-0.5563i	0.4291-0.7111i	1.8632-0.6338i	0.1776+2.6452i
46.1	-2.6390+0.6313i	0.2166-0.4907i	-1.4793+1.3384i	-1.8411-0.5765i	0.3656-0.5381i	1.6567-0.6542i	0.2835+2.7320i
46.2	-2.5870+0.5523i	0.4167-0.3452i	-1.6478+0.9401i	-1.8901-0.4169i	0.5416-0.3753i	1.7701-0.2794i	0.4630+2.6121i
46.3	-2.7323+0.5565i	0.7028-0.5297i	-2.1435+1.2044i	-1.7365-0.4025i	0.8520-0.5439i	2.2424-0.4698i	0.2049+2.5144i
46.4	-2.7333+0.8095i	0.5595-0.9383i	-1.7113+1.8471i	-1.8374-0.5738i	0.7158-0.9867i	1.8788-1.0764i	0.1080+2.9321i
46.5	-2.5499+0.8310i	0.1760-0.9020i	-1.0802+1.5418i	-2.0719-0.4382i	0.2894-0.9505i	1.2849-0.7792i	0.5767+3.0001i
46.6	-2.4952+0.7192i	-0.0074-0.6481i	-1.0308+0.9645i	-2.1172-0.2127i	0.0928-0.6705i	1.2501-0.2409i	0.8210+2.7313i
46.7	-2.5319+0.6678i	0.0733-0.4432i	-1.3393+0.6949i	-2.0556-0.0885i	0.1787-0.4482i	1.5431-0.0092i	0.7715+2.5056i
46.8	-2.6124+0.6689i	0.2439-0.4018i	-1.7221+0.7362i	-1.9383-0.0486i	0.3603-0.3921i	1.9373-0.0451i	0.6389+2.3548i
46.9	-2.6940+0.7630i	0.3463-0.5181i	-1.8068+1.0689i	-1.8935-0.1116i	0.4769-0.5097i	2.0251-0.3649i	0.4776+2.4076i
47.0	-2.6249+0.8745i	0.2215-0.6594i	-1.4221+1.0741i	-2.0267-0.1338i	0.3426-0.6628i	1.6474-0.4590i	0.5030+2.6210i
47.1	-2.6006+0.7774i	0.0463-0.4744i	-1.5174+0.5769i	-2.1032+0.0773i	0.1604-0.4483i	1.6290+0.0051i	0.7243+2.4722i
47.2	-2.7292+0.7455i	0.1645-0.2933i	-1.9194+0.5897i	-2.0021+0.1836i	0.3021-0.2480i	1.9504+0.0717i	0.6302+2.2317i
47.3	-2.8105+0.8600i	0.3232-0.3244i	-2.2093+0.9016i	-1.8868+0.1779i	0.4858-0.2884i	2.1977-0.1050i	0.4165+2.2712i
47.4	-2.8781+1.0289i	0.4435-0.4118i	-2.3423+1.4042i	-1.8430+0.1415i	0.6202-0.3935i	2.3490-0.4131i	0.2244+2.4030i
47.5	-2.8641+1.1897i	0.5025-0.5615i	-2.2399+1.9040i	-1.8429+0.0796i	0.6773-0.5639i	2.3593-0.7965i	0.1521+2.5227i
47.6	-2.7479+1.3768i	0.3868-0.7702i	-1.4636+2.3935i	-1.9436+0.0046i	0.5565-0.8021i	1.8165-1.1588i	0.2281+2.7218i
47.7	-2.5689+1.3910i	0.1927-0.7594i	-0.7072+1.9874i	-2.0663+0.0991i	0.3368-0.7907i	1.2751-0.8331i	0.3746+2.7718i
47.8	-2.4082+1.2329i	0.0496-0.5889i	-0.6102+1.0629i	-2.0756+0.2890i	0.1693-0.5851i	1.2845-0.1720i	0.4819+2.6813i
47.9	-2.4989+1.1031i	0.1110-0.4572i	-1.0803+0.7946i	-1.9845+0.3513i	0.2536-0.4330i	1.7121-0.0563i	0.4515+2.5188i
48.0	-2.6047+1.1725i	0.1314-0.4994i	-1.0843+0.9362i	-2.0175+0.3123i	0.2843-0.4872i	1.5951-0.2653i	0.3060+2.5235i
48.1	-2.6018+1.1338i	0.1463-0.3555i	-1.3454+0.5367i	-1.9831+0.4287i	0.2929-0.3302i	1.7441+0.1495i	0.2993+2.5343i
48.2	-2.7445+1.1925i	0.2943-0.3688i	-1.7494+0.8012i	-1.8997+0.4087i	0.4681-0.3441i	2.1376-0.0750i	0.0906+2.5492i
48.3	-2.7371+1.2756i	0.2622-0.3760i	-1.5963+1.0125i	-1.9924+0.3854i	0.4327-0.3611i	1.9806-0.2793i	0.0769+2.6517i
48.4	-2.7500+1.2469i	0.3431-0.3075i	-1.5424+0.9647i	-2.0583+0.4575i	0.5110-0.2831i	1.8638-0.2065i	0.1529+2.6197i
48.5	-2.8330+1.2903i	0.4619-0.4158i	-1.7117+1.1800i	-2.0254+0.4457i	0.6406-0.4003i	1.9946-0.3762i	0.0629+2.6215i
48.6	-2.8936+1.4023i	0.4289-0.5086i	-1.5174+1.3276i	-2.0644+0.4595i	0.6164-0.4952i	1.7738-0.4846i	-0.1181+2.7047i
48.7	-2.8421+1.5326i	0.3504-0.5564i	-1.1869+1.3346i	-2.1681+0.5055i	0.5308-0.5547i	1.4905-0.3353i	-0.1012+2.9061i
48.8	-2.6488+1.5524i	0.1913-0.5961i	-0.6741+1.0003i	-2.2775+0.6389i	0.3443-0.5933i	1.2330+0.0806i	0.0618+3.1174i
48.9	-2.6681+1.3927i	0.1377-0.4197i	-0.8598+0.3820i	-2.2487+0.7884i	0.2894-0.3918i	1.4753+0.4775i	0.2288+3.0611i
49.0	-2.9074+1.2332i	0.2636-0.1608i	-1.5997-0.1698i	-2.1959+0.9501i	0.4462-0.1006i	2.0135+0.7943i	0.1832+2.8070i
49.1	-3.0953+1.2736i	0.3718-0.1105i	-2.0137-0.1191i	-2.1721+1.0296i	0.5837-0.0490i	2.3350+0.7820i	0.0355+2.7031i
49.2	-3.2728+1.4068i	0.5806-0.1288i	-2.4562+0.1799i	-2.0325+1.0740i	0.8202-0.0783i	2.6848+0.5506i	-0.1895+2.6101i
49.3	-3.4401+1.6591i	0.7810-0.3069i	-2.6725+0.8844i	-1.9324+1.0091i	1.0472-0.2880i	2.8246-0.0121i	-0.4834+2.6819i
49.4	-3.3658+1.9216i	0.6522-0.5089i	-2.0639+1.2236i	-2.0851+0.9957i	0.9033-0.5235i	2.2925-0.2032i	-0.5878+3.0259i
49.5	-3.2689+1.9399i	0.4491-0.3501i	-1.7505+0.5483i	-2.2104+1.2339i	0.6675-0.3498i	2.0718+0.4346i	-0.3534+3.1875i
49.6	-3.4247+1.8800i	0.6709-0.2086i	-2.3374+0.4518i	-2.1270+1.3053i	0.9009-0.1929i	2.6213+0.4661i	-0.4114+3.0364i
49.7	-3.6515+2.1243i	0.8931-0.3670i	-2.6848+0.9731i	-2.0892+1.3134i	1.1534-0.3687i	2.8747-0.0028i	-0.7139+3.0356i

49.8	-3.5523+2.4272i	0.7792-0.5924i	-2.0388+1.2712i	-2.2397+1.3114i	1.0224-0.6253i	2.2739-0.2137i	-0.7724+3.4192i
49.9	-3.4298+2.4390i	0.5741-0.5360i	-1.8263+0.4360i	-2.3782+1.6138i	0.7911-0.5516i	2.0222+0.4945i	-0.4950+3.6276i
50.0	-3.6597+2.4288i	0.7286-0.3858i	-2.6171+0.2334i	-2.2273+1.7990i	0.9738-0.3704i	2.6098+0.7777i	-0.5159+3.5067i
50.1	-3.8047+2.8108i	0.9619-0.5657i	-2.9326+0.9982i	-2.0795+1.8246i	1.2403-0.5750i	2.8695+0.2997i	-0.9183+3.6020i
50.2	-3.5479+3.2290i	0.7636-0.8161i	-2.3058+1.2628i	-2.1481+1.8739i	1.0204-0.8642i	2.4538+0.2551i	-0.8563+4.0744i
50.3	-3.2489+3.1771i	0.5451-0.5962i	-2.1268+0.4721i	-2.1736+2.2081i	0.7592-0.6219i	2.4555+1.0016i	-0.4326+4.1260i
50.4	-3.3891+3.0131i	0.7356-0.3508i	-3.0384+0.0031i	-1.8681+2.4523i	0.9784-0.3337i	3.3619+1.3832i	-0.4136+3.8454i
50.5	-3.6639+3.3562i	0.9865-0.4644i	-3.7025+0.7266i	-1.6745+2.4071i	1.2734-0.4656i	4.0184+0.7256i	-0.7243+3.8697i
50.6	-3.5506+3.6375i	0.9988-0.4804i	-3.4481+0.9702i	-1.7207+2.4816i	1.2817-0.4949i	3.7468+0.4492i	-0.7618+4.1026i
50.7	-3.5321+3.7419i	1.1725-0.4150i	-3.8080+0.8403i	-1.6732+2.7551i	1.4743-0.4153i	3.9216+0.7046i	-0.5466+4.1020i
50.8	-3.5715+3.9575i	1.4289-0.6298i	-4.2440+1.3954i	-1.3999+2.8007i	1.7715-0.6549i	4.4815+0.3127i	-0.7629+4.0656i
50.9	-3.4686+4.2566i	1.4512-0.9306i	-4.0715+1.7884i	-1.2633+2.8313i	1.7896-0.9939i	4.3107-0.1004i	-0.9880+4.3730i
51.0	-3.2821+4.4581i	1.2857-0.9212i	-4.3881+1.4079i	-1.0919+3.1362i	1.6121-0.9724i	4.4013+0.4061i	-0.7064+4.4821i
51.1	-3.4538+4.7097i	1.5816-1.0520i	-5.2232+2.2276i	-0.7809+3.1401i	1.9540-1.1214i	5.1852-0.0747i	-1.0618+4.4859i
51.2	-3.0865+5.0435i	1.4291-1.3728i	-4.5287+3.0460i	-0.5796+3.0382i	1.7880-1.4902i	4.8325-0.7230i	-1.0851+4.9364i
51.3	-2.7216+5.2177i	1.2076-1.4444i	-3.8523+2.8229i	-0.5188+3.1446i	1.5457-1.5692i	4.4289-0.5083i	-0.9724+5.1357i
51.4	-2.3898+5.2350i	0.9866-1.4387i	-3.5007+2.3231i	-0.4306+3.2595i	1.3035-1.5612i	4.2038-0.1195i	-0.7030+5.3534i
51.5	-2.6481+5.1883i	1.3373-1.1953i	-5.4966+2.3270i	0.2147+3.3701i	1.7326-1.2944i	5.9268+0.0147i	-0.8663+4.8525i
51.6	-2.6163+5.5178i	1.5196-1.3675i	-5.9234+3.4255i	0.5043+3.1652i	1.9414-1.5152i	6.4131-0.8795i	-1.2553+5.0371i
51.7	-2.0179+5.8858i	1.3332-1.5567i	-4.9119+4.0738i	0.4549+3.0690i	1.7211-1.7630i	5.6404-1.3457i	-1.0373+5.6654i
51.8	-1.8440+5.8387i	1.4352-1.5667i	-5.1294+4.1278i	0.6407+3.1266i	1.8058-1.7843i	5.9929-1.3101i	-0.9675+5.7151i
51.9	-1.8014+6.0006i	1.6034-1.8686i	-5.5060+5.0769i	0.9868+2.9801i	1.9947-2.1068i	6.4861-2.1849i	-1.2044+5.8068i
52.0	-1.4888+6.4938i	1.4260-2.4226i	-4.3920+6.5942i	1.1425+2.6127i	1.8076-2.7388i	5.7302-3.5054i	-1.3599+6.4294i
52.1	-0.9406+6.5914i	1.0917-2.5562i	-3.5041+6.4707i	1.1911+2.4693i	1.4166-2.8980i	5.0762-3.4624i	-1.1777+6.8906i
52.2	-0.3244+6.5336i	0.6809-2.5316i	-2.6547+6.0605i	1.1215+2.4183i	0.9398-2.8756i	4.4699-3.1109i	-0.6396+7.3344i
52.3	0.0768+5.9482i	0.4692-2.0924i	-2.8178+4.7810i	1.1758+2.6590i	0.6911-2.3563i	4.8205-2.0885i	0.0592+7.0922i
52.4	-0.2049+5.8287i	0.8030-2.0650i	-3.9496+5.5028i	1.5492+2.5714i	1.0838-2.3298i	5.8354-2.8262i	-0.2662+6.9180i
52.5	0.0972+6.1967i	0.7025-2.5123i	-2.7126+6.9384i	1.7013+2.2359i	0.9611-2.8376i	4.7836-4.1175i	-0.2591+7.7820i
52.6	0.5508+6.1066i	0.3586-2.5668i	-1.7095+6.3776i	1.7206+2.1645i	0.5757-2.8879i	3.9701-3.5961i	0.5789+8.1243i
52.7	0.3858+5.7024i	0.5107-2.1813i	-2.8165+5.8754i	2.1361+2.1572i	0.7719-2.4670i	5.0868-3.1339i	0.8400+7.3378i
52.8	0.3373+6.1598i	0.7524-2.5555i	-2.9307+7.7288i	2.3889+1.6018i	1.0432-2.9199i	5.3755-4.7939i	0.3653+7.6660i
52.9	0.8918+6.3028i	0.3714-2.8210i	-1.3589+8.0596i	2.1369+1.2884i	0.6012-3.2252i	4.1411-5.2238i	0.9072+8.1802i
53.0	1.4291+6.1385i	0.0343-2.8281i	-0.3114+7.3401i	2.0467+1.0849i	0.1987-3.2369i	3.3210-4.7969i	1.4205+8.1623i
53.1	1.9993+5.7253i	-0.3795-2.6121i	0.3827+6.4150i	1.8108+1.0232i	-0.2861-2.9911i	2.7142-4.2185i	2.0149+8.0659i
53.2	2.2197+5.1622i	-0.5401-2.2058i	0.4534+5.4037i	1.6059+1.1252i	-0.4800-2.5195i	2.5760-3.4251i	2.6562+7.8605i
53.3	1.9768+4.7117i	-0.2092-1.9457i	-0.4019+5.0984i	1.8076+1.2428i	-0.1071-2.2199i	3.2526-3.2096i	2.8077+7.3339i
53.4	1.5328+4.8483i	0.2409-2.3459i	-0.5442+6.4454i	2.3344+0.9835i	0.3972-2.6735i	3.4620-4.2736i	2.4175+6.9032i
53.5	1.7285+4.8589i	-0.0057-2.4807i	-0.0004+5.9170i	2.2365+0.7656i	0.1233-2.8099i	3.0387-3.8991i	2.4141+6.8616i
53.6	1.6800+4.3957i	-0.1136-1.9839i	-1.0697+4.8050i	2.2444+0.9111i	0.0325-2.2478i	3.9293-2.9670i	2.3335+6.3901i
53.7	1.4988+4.4343i	0.1845-1.8745i	-1.9387+5.1907i	2.3902+0.9300i	0.3711-2.1455i	4.7014-3.1871i	1.9883+6.1897i
53.8	1.2955+4.8242i	0.5468-2.4353i	-2.3757+6.9496i	2.7314+0.4499i	0.7594-2.7878i	5.2162-4.6132i	1.2257+6.6413i
53.9	1.6048+5.2456i	0.2990-3.0516i	-1.3136+8.3264i	2.6005-0.2003i	0.4483-3.4904i	4.5123-5.9387i	1.1430+7.5717i
54.0	1.9240+5.1860i	-0.0253-3.1331i	-0.2732+8.2656i	2.3250-0.3814i	0.0689-3.5704i	3.7070-6.0853i	1.6097+7.9692i
54.1	2.2056+4.7283i	-0.2623-2.7725i	0.1721+7.1294i	2.1104-0.2245i	-0.2106-3.1644i	3.3899-5.1780i	2.3386+7.6938i
54.2	1.8800+4.9918i	0.0424-3.1918i	-0.8521+8.4071i	2.4062-0.5093i	0.1312-3.5923i	4.3821-6.4588i	1.7671+7.9170i
54.3	2.3897+5.2887i	-0.5540-3.5915i	0.7972+9.4787i	2.0291-0.9512i	-0.5171-4.0398i	2.8482-7.5565i	2.2092+8.6030i
54.4	2.9778+5.0097i	-1.1331-3.3497i	2.3920+8.8698i	1.6237-0.9389i	-1.1750-3.7774i	1.3954-7.0788i	3.1673+8.6895i
54.5	3.2389+4.6286i	-1.4138-2.9746i	3.0717+7.9538i	1.3701-0.7266i	-1.4988-3.3550i	0.7840-6.2662i	3.7174+8.5363i
54.6	3.2200+3.9635i	-1.3577-2.3504i	2.7899+6.4375i	1.3248-0.3096i	-1.4662-2.6430i	0.9681-4.9675i	4.0587+7.8180i
54.7	2.5909+3.6691i	-0.6557-2.1940i	1.0361+6.1662i	1.8473-0.1839i	-0.6774-2.4358i	2.4745-4.7656i	3.4977+7.0903i
54.8	2.4885+4.2191i	-0.6276-2.9154i	1.2693+7.9994i	2.0108-0.8016i	-0.6142-3.2503i	2.2926-6.2814i	3.0951+7.5081i
54.9	3.0365+4.3860i	-1.3097-3.1759i	3.4202+8.3743i	1.5421-1.1619i	-1.3880-3.5442i	0.6241-6.6241i	3.6424+7.8471i
55.0	3.2290+4.1313i	-1.5428-2.9314i	4.0164+7.6096i	1.3703-1.0917i	-1.6502-3.2548i	0.1577-6.0237i	4.0000+7.7428i
55.1	3.2378+3.9507i	-1.5764-2.7510i	4.0799+7.0762i	1.3366-1.0596i	-1.6789-3.0475i	0.1561-5.6656i	4.1075+7.5650i
55.2	3.3882+3.8778i	-1.7112-2.6888i	4.5066+6.6373i	1.1880-1.0798i	-1.8424-2.9732i	-0.2361-5.3719i	4.2725+7.3699i
55.3	3.4490+3.5270i	-1.8055-2.4093i	4.4594+5.7131i	1.1120-0.9235i	-1.9490-2.6380i	-0.2010-4.5451i	4.3194+7.0569i
55.4	3.2477+3.2978i	-1.6916-2.2019i	3.6860+5.2331i	1.1991-0.8202i	-1.8160-2.3781i	0.4018-4.1607i	4.1414+6.8187i
55.5	3.1228+3.5738i	-1.5634-2.4031i	3.4717+6.4933i	1.2859-1.1210i	-1.6478-2.6000i	0.6734-5.1488i	3.8383+7.0544i
55.6	3.4590+3.4984i	-1.8289-2.4071i	4.6055+6.4249i	1.0189-1.2729i	-1.9450-2.5900i	-0.2086-5.1172i	4.1019+7.1105i
55.7	3.6057+3.1974i	-1.9866-2.1860i	5.0813+5.6268i	0.8884-1.1333i	-2.1234-2.3358i	-0.5694-4.5080i	4.3844+6.9081i
55.8	3.5933+3.0096i	-1.9836-1.9922i	5.0907+5.0899i	0.9061-1.0181i	-2.1129-2.1067i	-0.5232-4.1056i	4.4796+6.8557i
55.9	3.4501+2.8267i	-1.8723-1.8231i	4.6486+4.6275i	1.0344-0.9614i	-1.9716-1.8944i	-0.0892-3.7906i	4.3594+6.8005i
56.0	2.7761+2.8594i	-1.2915-1.7996i	2.9702+4.9512i	1.5510-1.0751i	-1.2953-1.8546i	1.3792-3.9598i	3.7449+6.5662i

56.1	3.1975+3.4122i	-1.5889-2.3213i	4.2280+6.5353i	1.2300-1.6156i	-1.6028-2.4490i	0.4324-5.3163i	3.9044+7.0984i
56.2	3.5847+3.1598i	-1.9437-2.1820i	5.3328+5.6921i	0.8579-1.5465i	-1.9951-2.2991i	-0.4337-4.7594i	4.2324+7.0972i
56.3	3.6018+2.9386i	-1.9202-1.9967i	5.5115+4.9022i	0.8777-1.4797i	-1.9444-2.0940i	-0.4864-4.1682i	4.3488+7.0704i
56.4	3.6039+2.8474i	-1.9136-1.9325i	5.4921+4.5823i	0.8893-1.4595i	-1.9150-2.0275i	-0.4118-3.9534i	4.3610+7.0539i
56.5	3.6806+2.6784i	-1.9725-1.8299i	5.4777+4.2062i	0.8478-1.4931i	-1.9666-1.9138i	-0.3631-3.7571i	4.4306+6.9158i
56.6	3.7189+2.5815i	-1.9914-1.8161i	5.4833+3.9198i	0.7911-1.5701i	-1.9750-1.8933i	-0.3282-3.6177i	4.4785+6.8933i
56.7	3.6397+2.4202i	-1.9086-1.7040i	5.4657+3.5838i	0.7745-1.5660i	-1.8655-1.7694i	-0.2743-3.3308i	4.4870+6.7761i
56.8	3.5944+2.4033i	-1.8769-1.6787i	5.3922+3.3622i	0.7688-1.6067i	-1.8215-1.7499i	-0.1683-3.2138i	4.5001+6.8396i
56.9	3.5543+2.4023i	-1.8166-1.7238i	5.0732+3.1553i	0.8111-1.7486i	-1.7476-1.7959i	0.1324-3.2276i	4.4219+6.9497i
57.0	3.4711+2.2737i	-1.7634-1.6658i	4.7359+2.9466i	0.8004-1.8211i	-1.6748-1.7350i	0.4086-3.1244i	4.3790+6.9251i
57.1	3.1671+2.3137i	-1.4825-1.6771i	3.8449+3.2554i	0.9662-1.9098i	-1.3434-1.7438i	1.1362-3.3308i	4.1924+6.8564i
57.2	3.2879+2.7838i	-1.4882-2.1214i	4.2660+4.6623i	0.8618-2.3399i	-1.2991-2.2695i	0.9362-4.4421i	4.1601+7.2280i
57.3	3.7779+2.8461i	-1.9162-2.3036i	5.5690+4.7583i	0.4273-2.5426i	-1.7804-2.5216i	-0.0091-4.5961i	4.5555+7.6132i
57.4	3.9910+2.6675i	-2.1280-2.1897i	5.9195+4.2035i	0.2716-2.4691i	-2.0298-2.3943i	-0.1867-4.2812i	4.7346+7.5993i
57.5	4.0580+2.4790i	-2.2623-2.1310i	5.9813+3.6874i	0.0347-2.4997i	-2.1770-2.3403i	-0.2795-4.0277i	4.8521+7.7379i
57.6	4.1031+2.3289i	-2.3035-2.0224i	6.0150+3.3449i	-0.0686-2.4335i	-2.2134-2.2302i	-0.3146-3.8601i	5.0504+7.6556i
57.7	4.1377+2.2318i	-2.3653-1.9722i	6.0531+3.1126i	-0.1903-2.4348i	-2.2789-2.1838i	-0.2800-3.7991i	5.1522+7.6640i
57.8	4.1857+2.1448i	-2.4719-1.9344i	6.0417+2.9677i	-0.3361-2.4111i	-2.3969-2.1500i	-0.2918-3.7352i	5.2278+7.6560i
57.9	4.2264+2.0532i	-2.5067-1.8664i	6.1102+2.7589i	-0.3678-2.3718i	-2.4329-2.0889i	-0.3081-3.6674i	5.3448+7.6743i
58.0	4.1328+1.9799i	-2.4585-1.8152i	5.9975+2.5757i	-0.4403-2.4154i	-2.3784-2.0423i	-0.2034-3.6370i	5.2534+7.7686i
58.1	4.1789+1.9156i	-2.5338-1.7943i	6.0045+2.3772i	-0.5454-2.4023i	-2.4597-2.0217i	-0.1324-3.5237i	5.3928+7.6907i
58.2	4.2629+1.7602i	-2.6876-1.6584i	5.9199+2.3039i	-0.6463-2.3555i	-2.6284-1.8857i	-0.0825-3.5317i	5.4768+7.6968i
58.3	4.2096+1.5732i	-2.6555-1.4349i	5.8652+2.2753i	-0.6786-2.2812i	-2.5807-1.6401i	-0.0060-3.5226i	5.6239+7.7951i
58.4	4.0280+1.5968i	-2.4331-1.4677i	5.5826+2.3580i	-0.6312-2.3150i	-2.3319-1.6848i	0.2973-3.6366i	5.7528+7.7972i
58.5	4.0153+1.8906i	-2.3864-1.8055i	5.7369+2.9644i	-0.6473-2.5446i	-2.2687-2.0727i	0.3248-4.1985i	5.7145+8.0103i
58.6	4.2658+1.9432i	-2.6438-1.8439i	6.5270+2.6765i	-0.8831-2.6150i	-2.5524-2.1395i	-0.2310-4.1500i	5.8237+8.1439i
58.7	4.3436+1.8933i	-2.7251-1.7721i	6.7148+2.2079i	-0.9918-2.5878i	-2.6331-2.0777i	-0.2888-3.9501i	5.9685+8.2280i
58.8	4.4598+1.8282i	-2.8394-1.7118i	6.7442+1.9632i	-1.1212-2.5901i	-2.7709-2.0350i	-0.2844-3.9088i	6.1139+8.2897i
58.9	4.5129+1.6382i	-2.9797-1.5666i	6.7316+1.6922i	-1.2934-2.4374i	-2.9303-1.8742i	-0.3077-3.6778i	6.3814+8.1268i
59.0	4.5890+1.6279i	-3.0483-1.5785i	6.7944+1.5061i	-1.3766-2.4358i	-3.0056-1.9034i	-0.3181-3.6395i	6.5738+8.1699i
59.1	4.7974+1.7390i	-3.1587-1.6849i	6.9575+1.4701i	-1.4908-2.5882i	-3.1270-2.0367i	-0.2535-3.8448i	6.6836+8.5356i
59.2	5.0015+1.5813i	-3.3293-1.5688i	7.0171+1.2401i	-1.7433-2.6140i	-3.3393-1.9253i	-0.3606-3.8708i	6.9466+8.5739i
59.3	5.1183+1.4031i	-3.4483-1.4305i	7.1079+0.9981i	-1.8816-2.5513i	-3.4760-1.7908i	-0.4242-3.8478i	7.2804+8.4097i
59.4	5.2699+1.2872i	-3.5757-1.3376i	7.2094+0.8045i	-2.1190-2.5486i	-3.6331-1.7046i	-0.4920-3.9015i	7.5121+8.5514i
59.5	5.4373+1.2942i	-3.6424-1.3867i	7.3094+0.7693i	-2.2431-2.6764i	-3.7124-1.7706i	-0.5339-4.0342i	7.6056+8.8808i
59.6	5.5546+1.0886i	-3.7478-1.2431i	7.3966+0.5268i	-2.4656-2.5538i	-3.8344-1.6198i	-0.6070-3.9880i	7.9325+8.8898i
59.7	5.7141+0.8114i	-3.9407-1.0275i	7.4243+0.2077i	-2.8094-2.4327i	-4.0600-1.3984i	-0.8204-3.9418i	8.3290+8.7864i
59.8	5.9516+0.7091i	-4.1140-0.9550i	7.5982+0.0751i	-2.8673-2.2380i	-4.2555-1.3157i	-0.8409-4.0186i	8.6167+9.0202i
59.9	5.9535+0.4266i	-4.1582-0.7415i	7.5893-0.3060i	-0.4417-2.5547i	-4.3178-1.0781i	-0.8682-3.8415i	8.9425+8.6348i
60.0	6.0684+0.2032i	-4.2506-0.5915i	7.6687-0.5733i	-5.4651-10.7713i	-4.4511-0.9221i	-1.0395-3.8295i	9.4502+8.9275i
60.1	6.2479-0.0407i	-4.3413-0.4350i	7.6828-0.8545i	-7.3854+3.4916i	-4.5519-0.7666i	-1.0814-3.8464i	9.9766+8.6896i
60.2	6.1329-0.3148i	-4.3269-0.2275i	7.4899-1.2082i	-3.0315-1.1215i	-4.5444-0.5334i	-0.9778-3.6925i	9.8813+8.3006i
60.3	6.2049-0.5423i	-4.3842-0.1205i	7.4437-1.4384i	-3.8585-1.6190i	-4.6352-0.4160i	-1.1211-3.6930i	10.2223+8.3644i
60.4	6.2721-0.8212i	-4.4595+0.0755i	7.4376-1.6444i	-4.0086-1.3904i	-4.7433-0.1985i	-1.1985-3.6832i	10.5446+8.3240i
60.5	6.2312-1.1765i	-4.4702+0.3977i	7.3751-1.8956i	-4.0907-1.0962i	-4.7536+0.1637i	-1.1981-3.5632i	10.9075+8.0182i
60.6	6.2036-1.4972i	-4.4709+0.6448i	7.2951-2.2125i	-4.2223-0.7552i	-4.7655+0.4476i	-1.2417-3.5059i	11.3100+7.7471i
60.7	6.0604-1.7444i	-4.3123+0.8615i	7.1719-2.4034i	-4.2199-0.5501i	-4.6010+0.6893i	-1.1742-3.4507i	11.3669+7.5708i
60.8	5.9347-1.9991i	-4.2234+1.0482i	7.1035-2.6880i	-4.2642-0.2754i	-4.5080+0.8944i	-1.1367-3.3921i	11.5985+7.3182i
60.9	5.7952-2.2694i	-4.1894+1.2441i	7.0157-3.0477i	-4.2295+0.0811i	-4.4595+1.1102i	-1.1056-3.3474i	12.0144+6.9704i
61.0	5.6261-2.3839i	-4.0538+1.2698i	6.7865-3.3059i	-4.1209+0.2187i	-4.3145+1.1318i	-1.1168-3.4257i	12.1458+6.7101i
61.1	5.6251-2.6605i	-4.0851+1.4613i	6.7798-3.5465i	-4.2034+0.4559i	-4.3618+1.3461i	-1.1210-3.4228i	12.5662+6.5713i
61.2	5.5726-2.9944i	-4.0557+1.7043i	6.6638-3.8697i	-4.2545+0.8038i	-4.3572+1.6247i	-1.2139-3.4550i	13.0861+6.2708i
61.3	5.3495-3.1669i	-3.8817+1.8707i	6.3822-4.1261i	-4.1651+1.0234i	-4.1872+1.7896i	-1.2625-3.4620i	13.1368+5.7582i
61.4	5.2041-3.4016i	-3.8177+2.0903i	6.1849-4.3328i	-4.0937+1.2438i	-4.1117+2.0294i	-1.3125-3.4438i	13.3603+5.3823i
61.5	5.0164-3.6505i	-3.6931+2.2495i	5.9690-4.5523i	-4.0414+1.5314i	-3.9852+2.2220i	-1.3814-3.4007i	13.6390+5.0535i
61.6	4.7191-3.9580i	-3.4625+2.4563i	5.6894-4.8731i	-3.8692+1.8759i	-3.7512+2.4661i	-1.4247-3.3616i	13.8792+4.4278i
61.7	4.5030-4.1398i	-3.2965+2.5973i	5.4540-5.0872i	-3.7152+2.0449i	-3.5750+2.6292i	-1.4573-3.3732i	13.9475+4.0107i
61.8	4.2302-4.2782i	-3.1114+2.7276i	5.1276-5.2768i	-3.5023+2.2557i	-3.3670+2.7756i	-1.4736-3.3689i	14.0314+3.4554i
61.9	3.8904-4.4073i	-2.8658+2.7777i	4.7608-5.4629i	-3.2666+2.4332i	-3.1019+2.8388i	-1.5132-3.3612i	13.9954+2.8189i
62.0	3.6223-4.5244i	-2.6267+2.8998i	4.5744-5.6120i	-3.0237+2.5821i	-2.8205+2.9766i	-1.4334-3.3086i	14.0592+2.3953i
62.1	3.3600-4.6988i	-2.4745+2.9991i	4.2710-5.6980i	-2.9048+2.7660i	-2.6740+3.0916i	-1.5150-3.3826i	14.1516+2.0252i
62.2	3.0350-4.6645i	-2.2342+2.9602i	3.8856-5.6775i	-2.6261+2.7928i	-2.4090+3.0519i	-1.5188-3.3411i	13.9074+1.5637i
62.3	2.7352-4.6373i	-2.0040+2.8922i	3.5521-5.7142i	-2.3794+2.8505i	-2.1570+2.9912i	-1.5171-3.3298i	13.6789+1.1905i

62.4	2.4261-4.6927i	-1.7701+2.9341i	3.2414-5.7587i	-2.1780+2.9470i	-1.9114+3.0384i	-1.6261-3.3508i	13.5631+0.8315i
62.5	2.1728-4.6748i	-1.6164+2.9340i	2.9955-5.7490i	-1.9911+2.9820i	-1.7445+3.0531i	-1.7283-3.3787i	13.4341+0.4582i
62.6	1.9847-4.6456i	-1.5078+2.8626i	2.7865-5.6839i	-1.8614+2.9645i	-1.6228+2.9822i	-1.7618-3.3835i	13.3439+0.1896i
62.7	1.6613-4.4028i	-1.2880+2.6269i	2.3939-5.4606i	-1.6084+2.8521i	-1.3833+2.7369i	-1.8036-3.3347i	12.7682-0.0570i
62.8	1.4634-4.3543i	-1.1415+2.6186i	2.2214-5.4881i	-1.4164+2.8710i	-1.2176+2.7261i	-1.8127-3.3490i	12.6563-0.3580i
62.9	1.2505-4.2698i	-0.9766+2.6065i	2.0638-5.4964i	-1.2336+2.8794i	-1.0342+2.7158i	-1.8226-3.2809i	12.4358-0.7409i
63.0	1.0389-4.1728i	-0.8290+2.4759i	1.8332-5.4071i	-1.0758+2.8597i	-0.8721+2.5980i	-1.9274-3.2909i	12.1945-0.9380i
63.1	0.8253-4.0635i	-0.6915+2.3124i	1.5954-5.3585i	-0.8836+2.8234i	-0.7199+2.4278i	-1.9786-3.3178i	11.9766-1.2465i
63.2	0.6960-3.9377i	-0.6332+2.2214i	1.4189-5.2522i	-0.7774+2.7590i	-0.6570+2.3303i	-2.0332-3.2806i	11.6782-1.3742i
63.3	0.5481-3.8317i	-0.5589+2.1174i	1.1775-5.1533i	-0.6634+2.6924i	-0.5773+2.2244i	-2.1820-3.2903i	11.3700-1.5263i
63.4	0.3896-3.6812i	-0.4569+2.0873i	0.9846-5.0662i	-0.4976+2.6098i	-0.4552+2.1859i	-2.2076-3.2100i	10.9676-1.7640i
63.5	0.2375-3.6013i	-0.4340+1.9507i	0.8776-4.9419i	-0.4090+2.6039i	-0.4199+2.0532i	-2.3129-3.1682i	10.9138-1.8024i
63.6	0.1141-3.4796i	-0.4671+1.7878i	0.7420-4.8201i	-0.2875+2.5465i	-0.4374+1.8956i	-2.4569-3.0586i	10.8444-1.8167i
63.7	0.0222-3.3126i	-0.4016+1.7501i	0.6018-4.7522i	-0.1700+2.4318i	-0.3587+1.8304i	-2.4898-3.0502i	10.5441-1.9443i
63.8	-0.1030-3.1295i	-0.3483+1.6666i	0.4226-4.6863i	-0.0301+2.3328i	-0.2936+1.7375i	-2.5280-2.9791i	10.2225-2.1218i
63.9	-0.2130-2.9830i	-0.3063+1.5675i	0.2772-4.6329i	0.0714+2.2314i	-0.2428+1.6319i	-2.6283-2.9390i	10.0479-2.2586i
64.0	-0.2712-2.8469i	-0.2898+1.5879i	0.2033-4.5604i	0.1399+2.1472i	-0.2135+1.6302i	-2.6253-2.8179i	9.9573-2.4300i
64.1	-0.3052-2.7128i	-0.2700+1.5074i	0.0645-4.4807i	0.1926+2.0583i	-0.1865+1.5358i	-2.6898-2.7740i	9.7626-2.4904i
64.2	-0.3218-2.4715i	-0.3172+1.3250i	-0.0716-4.2533i	0.2334+1.9190i	-0.2326+1.3555i	-2.7719-2.6334i	9.4415-2.4287i
64.3	-0.3017-2.3999i	-0.2916+1.3461i	-0.1063-4.1465i	0.2040+1.9065i	-0.2147+1.3762i	-2.7688-2.4832i	9.3694-2.4651i
64.4	-0.3334-2.3262i	-0.2040+1.3703i	-0.0802-4.0901i	0.2360+1.9085i	-0.1193+1.4072i	-2.7451-2.4032i	9.2369-2.5426i
64.5	-0.3272-2.1765i	-0.2109+1.2575i	-0.2218-4.0328i	0.3090+1.8037i	-0.1193+1.2704i	-2.7215-2.3308i	8.9058-2.6890i
64.6	-0.3203-2.0463i	-0.1514+1.1593i	-0.3570-3.9481i	0.3647+1.7055i	-0.0617+1.1541i	-2.7038-2.2686i	8.5851-2.7449i
64.7	-0.2943-1.9505i	-0.1928+1.0544i	-0.4399-3.8749i	0.3680+1.6250i	-0.1020+1.0407i	-2.7233-2.2386i	8.3976-2.7134i
64.8	-0.2681-1.8586i	-0.2291+0.9524i	-0.5203-3.7499i	0.3726+1.5406i	-0.1393+0.9318i	-2.7101-2.1651i	8.2522-2.6025i
64.9	-0.2911-1.7714i	-0.2367+0.8824i	-0.6367-3.5878i	0.3935+1.4915i	-0.1463+0.8662i	-2.7431-2.0640i	8.0117-2.5061i
65.0	-0.2942-1.7059i	-0.1776+0.8314i	-0.7547-3.5702i	0.4365+1.4697i	-0.0860+0.8119i	-2.7731-2.0445i	7.8876-2.6246i
65.1	-0.3027-1.5684i	-0.2364+0.7454i	-0.8789-3.5225i	0.4824+1.3476i	-0.1289+0.7124i	-2.7674-2.0266i	7.6383-2.6416i
65.2	-0.3090-1.5271i	-0.2596+0.7075i	-0.9269-3.4602i	0.5040+1.3111i	-0.1577+0.6757i	-2.7873-2.0058i	7.5036-2.6671i
65.3	-0.2632-1.4278i	-0.2908+0.6663i	-1.0228-3.2568i	0.5010+1.2441i	-0.1919+0.6273i	-2.7757-1.8579i	7.2878-2.5848i
65.4	-0.2133-1.3576i	-0.3080+0.5927i	-1.0489-3.1745i	0.5027+1.1642i	-0.2110+0.5375i	-2.7645-1.8602i	7.1560-2.4855i
65.5	-0.1854-1.2848i	-0.3019+0.5234i	-1.1112-3.1082i	0.4973+1.1157i	-0.2038+0.4603i	-2.7398-1.8373i	7.0117-2.5000i
65.6	-0.1779-1.2317i	-0.2810+0.5179i	-1.1012-3.1439i	0.5326+1.0892i	-0.1770+0.4485i	-2.6521-1.8447i	6.9917-2.6622i
65.7	-0.1582-1.1666i	-0.3040+0.4516i	-1.2223-3.0990i	0.5648+1.0424i	-0.2109+0.3767i	-2.6878-1.8656i	6.8073-2.7028i
65.8	-0.1024-1.1298i	-0.3522+0.4183i	-1.2358-2.8948i	0.5150+1.0218i	-0.2648+0.3502i	-2.6758-1.7506i	6.6377-2.5081i
65.9	-0.0540-1.0557i	-0.4747+0.3377i	-1.3834-2.8113i	0.5010+0.9503i	-0.3981+0.2601i	-2.7523-1.7500i	6.4511-2.4760i
66.0	-0.0072-1.0108i	-0.5516+0.2366i	-1.5063-2.7151i	0.5076+0.8992i	-0.4803+0.1576i	-2.8161-1.7516i	6.2755-2.4650i
66.1	0.0257-0.9664i	-0.5801+0.1928i	-1.4498-2.5267i	0.4963+0.8491i	-0.4933+0.1156i	-2.7691-1.6313i	6.1443-2.2722i
66.2	0.0661-0.9112i	-0.6925+0.1837i	-1.4484-2.4841i	0.5081+0.7979i	-0.5981+0.1019i	-2.7220-1.6544i	6.0588-2.2068i
66.3	0.0906-0.8886i	-0.7247+0.1350i	-1.5059-2.4754i	0.5683+0.7509i	-0.6287+0.0409i	-2.7199-1.6783i	5.9147-2.3217i
66.4	0.1021-0.8922i	-0.7219+0.1752i	-1.5442-2.3491i	0.5765+0.7169i	-0.6271+0.0792i	-2.7733-1.5890i	5.7966-2.2836i
66.5	0.1780-0.8318i	-0.7969+0.1775i	-1.5650-2.1926i	0.5353+0.6336i	-0.7041+0.0806i	-2.7850-1.5829i	5.6488-2.0216i
66.6	0.2460-0.7976i	-0.8766+0.1431i	-1.6076-2.0114i	0.4800+0.5505i	-0.7939+0.0516i	-2.8167-1.5198i	5.5367-1.7562i
66.7	0.2219-0.8104i	-0.7662+0.1815i	-1.6254-2.0377i	0.5208+0.5326i	-0.6919+0.0690i	-2.7736-1.4972i	5.3395-1.9704i
66.8	0.2434-0.7859i	-0.7246+0.1363i	-1.6948-2.0570i	0.5142+0.4703i	-0.6591+0.0076i	-2.8351-1.5617i	5.1432-1.9394i
66.9	0.3309-0.7398i	-0.8884+0.0963i	-1.7821-1.8979i	0.4397+0.3856i	-0.8307-0.0387i	-2.9852-1.5226i	5.0953-1.6738i
67.0	0.3533-0.7040i	-0.9796+0.1464i	-1.7663-1.7254i	0.4034+0.3585i	-0.9322+0.0073i	-2.9516-1.3984i	5.0159-1.5998i
67.1	0.3926-0.6704i	-0.9710+0.1557i	-1.7810-1.6221i	0.3714+0.3552i	-0.9489+0.0242i	-2.9575-1.3280i	4.8849-1.5210i
67.2	0.4718-0.6760i	-1.0511+0.1665i	-1.7680-1.4247i	0.2914+0.3281i	-1.0299+0.0415i	-2.9817-1.1991i	4.8975-1.3164i
67.3	0.4640-0.6284i	-1.0421+0.2210i	-1.7866-1.5391i	0.3067+0.2881i	-1.0159+0.0759i	-2.9718-1.3248i	4.8062-1.4320i
67.4	0.5774-0.6294i	-1.1618+0.1437i	-1.8590-1.4448i	0.2395+0.2357i	-1.1529+0.0058i	-3.1252-1.3302i	4.9010-1.1324i
67.5	0.6810-0.6283i	-1.2831+0.0549i	-1.9157-1.1611i	0.1415+0.2158i	-1.2841-0.0583i	-3.2670-1.1580i	4.9719-0.7265i
67.6	0.6440-0.6059i	-1.2740-0.0155i	-1.9378-1.0911i	0.1637+0.2154i	-1.2751-0.1233i	-3.2685-1.1017i	4.8499-0.7674i
67.7	0.7437-0.6162i	-1.3670+0.0507i	-1.8532-0.9320i	0.0857+0.1941i	-1.3721-0.0530i	-3.2444-1.0274i	4.8815-0.5509i
67.8	0.7968-0.6337i	-1.4473+0.0210i	-1.8901-0.8422i	0.0532+0.1768i	-1.4626-0.0682i	-3.3207-0.9608i	4.8652-0.4954i
67.9	0.8609-0.6201i	-1.3579-0.1414i	-2.0549-0.8221i	0.0841+0.1527i	-1.3955-0.2311i	-3.4994-1.0196i	4.7118-0.3703i
68.0	0.8584-0.5864i	-1.3158-0.1429i	-2.0293-0.7064i	0.0924+0.1631i	-1.3509-0.2276i	-3.4476-0.8995i	4.5519-0.3828i
68.1	0.9337-0.6040i	-1.5506-0.1562i	-1.9659-0.5784i	0.0106+0.1479i	-1.5741-0.2331i	-3.5063-0.8238i	4.7324-0.2287i
68.2	1.0735-0.6638i	-1.7649-0.2009i	-1.9984-0.3625i	-0.0742+0.1276i	-1.7831-0.2580i	-3.6767-0.7077i	4.8441+0.1223i
68.3	1.0940-0.7046i	-1.7994-0.1269i	-2.0003-0.3653i	-0.0519+0.1781i	-1.8167-0.1773i	-3.7296-0.6715i	4.8288+0.0951i
68.4	1.1536-0.7081i	-2.0145-0.0203i	-1.9081-0.2868i	-0.0966+0.1772i	-2.0236-0.0773i	-3.7319-0.5925i	4.9403+0.1667i
68.5	1.2587-0.7744i	-2.2305+0.1185i	-1.8133-0.0866i	-0.1437+0.1766i	-2.2238+0.0645i	-3.8051-0.4018i	5.2332+0.2973i
68.6	1.3322-0.8505i	-2.3749+0.1897i	-1.7704+0.1612i	-0.2245+0.1842i	-2.3703+0.1603i	-3.8981-0.1299i	5.3987+0.4351i

68.7	1.4072-0.8943i	-2.4023+0.3293i	-1.8509+0.1409i	-0.2145+0.1761i	-2.4050+0.2909i	-4.0516-0.0882i	5.3446+0.4914i
68.8	1.3893-0.9666i	-2.3591+0.3735i	-1.9278+0.2717i	-0.1819+0.1741i	-2.3704+0.3414i	-4.1269+0.1378i	5.2400+0.4353i
68.9	1.4883-1.1327i	-2.5344+0.6174i	-1.7302+0.5094i	-0.3048+0.2178i	-2.5302+0.5890i	-4.1362+0.4584i	5.6688+0.5667i
69.0	1.5005-1.1495i	-2.5354+0.6650i	-1.7923+0.5207i	-0.2356+0.2107i	-2.5362+0.6441i	-4.2422+0.5258i	5.6661+0.5112i
69.1	1.5496-1.1928i	-2.6253+0.6933i	-1.8659+0.5907i	-0.2287+0.2236i	-2.6321+0.6879i	-4.4348+0.6884i	5.7655+0.5485i
69.2	1.5986-1.3340i	-2.7028+0.8758i	-1.8679+0.7688i	-0.2322+0.2254i	-2.6941+0.8779i	-4.5438+1.0592i	5.9878+0.5151i
69.3	1.5727-1.4341i	-2.7302+1.1323i	-1.6550+0.9619i	-0.2818+0.2384i	-2.6950+1.1402i	-4.3263+1.4542i	6.0945+0.4934i
69.4	1.5654-1.5635i	-2.7509+1.3470i	-1.6358+1.2000i	-0.3181+0.2222i	-2.7103+1.3584i	-4.2552+1.8680i	6.2274+0.4313i
69.5	1.5684-1.6272i	-2.7554+1.4295i	-1.6415+1.3961i	-0.3467+0.2263i	-2.7275+1.4578i	-4.2351+2.1853i	6.3576+0.3975i
69.6	1.6109-1.7888i	-2.7528+1.5793i	-1.6248+1.7292i	-0.3897+0.2090i	-2.7243+1.6231i	-4.2270+2.6399i	6.4930+0.2348i
69.7	1.4978-1.8950i	-2.8350+1.5909i	-1.2639+2.1381i	-0.4705+0.1275i	-2.7679+1.6451i	-3.7588+3.1743i	6.4716+0.0909i
69.8	1.4500-2.0243i	-2.8030+1.6747i	-1.0914+2.4071i	-0.4793+0.0681i	-2.7173+1.7399i	-3.4855+3.6184i	6.5294-0.1388i
69.9	1.4911-2.1424i	-2.8243+1.9357i	-0.9255+2.5216i	-0.5966+0.1583i	-2.7186+1.9999i	-3.3541+3.8417i	6.7117-0.1175i
70.0	1.4737-2.1967i	-2.9312+2.0001i	-0.8792+2.9122i	-0.6453+0.0799i	-2.8252+2.0760i	-3.1936+4.3547i	6.5657-0.2806i
70.1	1.3362-2.2615i	-2.8775+2.1101i	-0.4826+2.9742i	-0.6911+0.1233i	-2.7427+2.1848i	-2.5770+4.5175i	6.4103-0.4882i
70.2	1.2027-2.3372i	-2.7346+2.3263i	-0.0995+3.0872i	-0.7336+0.2033i	-2.5713+2.4098i	-1.9880+4.7112i	6.2159-0.6900i
70.3	1.0829-2.4800i	-2.6594+2.6569i	0.3734+3.2534i	-0.8313+0.3029i	-2.4757+2.7351i	-1.3111+4.9646i	6.1032-0.8764i
70.4	0.9426-2.6561i	-2.5049+2.9895i	0.9425+3.3333i	-0.9393+0.4680i	-2.2927+3.0523i	-0.6025+5.0949i	6.1791-0.9200i
70.5	0.7630-2.7800i	-2.2916+3.1749i	1.4251+3.3913i	-0.9960+0.5622i	-2.0473+3.2410i	0.0471+5.1048i	6.0151-0.9099i
70.6	0.5395-2.7113i	-2.0554+3.2180i	1.9677+3.2522i	-1.0092+0.6758i	-1.7794+3.2642i	0.7420+4.8470i	5.7552-0.9043i
70.7	0.4461-2.7421i	-1.9429+3.4679i	2.3601+2.9944i	-0.9873+0.8387i	-1.6441+3.4794i	1.1922+4.5486i	5.8013-0.8620i
70.8	0.3001-2.5344i	-1.7184+3.2897i	2.6987+2.5050i	-0.8820+0.8712i	-1.3951+3.2603i	1.5523+3.8748i	5.6055-0.6763i
70.9	0.2040-2.4819i	-1.5816+3.2685i	3.0237+2.3485i	-0.8534+0.9440i	-1.2394+3.2197i	1.8822+3.6205i	5.5512-0.4879i
71.0	0.1429-2.5447i	-1.3668+3.4280i	3.2201+2.2731i	-0.7700+1.0367i	-1.0312+3.3654i	2.1294+3.6328i	5.6547-0.5401i
71.1	0.1087-2.4087i	-1.1912+3.3001i	3.4278+1.8149i	-0.6810+1.0541i	-0.8519+3.1962i	2.4283+3.1442i	5.5209-0.4417i
71.2	0.0555-2.1988i	-1.1444+3.0628i	3.6918+1.4624i	-0.6554+0.9954i	-0.7750+2.9332i	2.7147+2.6576i	5.2173-0.1876i
71.3	0.0586-2.0962i	-1.1463+2.9415i	3.7073+1.1753i	-0.6483+0.9150i	-0.7854+2.8002i	2.7623+2.2889i	5.1153-0.0430i
71.4	0.0968-2.1297i	-1.1112+3.1413i	3.8077+0.7057i	-0.6275+1.0917i	-0.7729+2.9643i	2.8707+1.9281i	5.5450-0.0055i
71.5	0.1031-2.1581i	-1.0057+3.2141i	3.7751+0.2268i	-0.5625+1.1647i	-0.6815+2.9928i	2.8653+1.4849i	5.7499-0.0479i
71.6	0.1162-2.1832i	-0.9126+3.2655i	3.5789-0.1499i	-0.4903+1.1660i	-0.6069+3.0256i	2.6897+1.0674i	5.7581-0.1800i
71.7	0.1554-2.1496i	-1.0396+3.1927i	3.6258-0.1722i	-0.5845+1.1406i	-0.7338+2.9446i	2.7515+1.0210i	5.6880+0.0643i
71.8	0.1542-2.2660i	-0.9299+3.3752i	3.4965-0.4780i	-0.5077+1.2495i	-0.6540+3.1013i	2.7252+0.7510i	5.9134-0.0431i
71.9	0.1089-2.2318i	-0.8678+3.3880i	3.4965-0.6788i	-0.5111+1.2579i	-0.6003+3.0992i	2.7179+0.5079i	5.9121+0.0417i
72.0	0.0415-2.3188i	-0.6901+3.5521i	3.4166-0.8191i	-0.4521+1.3675i	-0.4409+3.2566i	2.6848+0.4106i	6.1424-0.0512i
72.1	-0.2118-2.4914i	-0.1125+3.7342i	3.1772-1.1843i	-0.1609+1.5098i	0.1038+3.4196i	2.5876+0.1211i	6.4974-0.7417i
72.2	-0.2037-2.4849i	-0.1153+3.6895i	3.1440-1.2117i	-0.1760+1.4915i	0.0937+3.3698i	2.5995+0.0170i	6.4588-0.5438i
72.3	-0.1905-2.4753i	-0.1150+3.6862i	3.0746-1.1844i	-0.1854+1.4928i	0.0820+3.3754i	2.5284-0.0252i	6.4594-0.3240i
72.4	-0.2473-2.5129i	-0.0343+3.7347i	3.0297-1.3357i	-0.1727+1.5201i	0.1581+3.4032i	2.5014-0.1454i	6.5664-0.3508i
72.5	-0.4168-2.5323i	0.2197+3.7093i	2.7945-1.4838i	-0.0463+1.5213i	0.3808+3.3735i	2.3923-0.3584i	6.4222-0.6507i
72.6	-0.5507-2.5509i	0.4594+3.6958i	2.8356-1.5530i	0.0759+1.5257i	0.6179+3.3733i	2.4711-0.4708i	6.4613-0.8554i
72.7	-0.6582-2.5211i	0.6682+3.6564i	2.8468-1.5861i	0.1791+1.5621i	0.8361+3.3528i	2.5102-0.5418i	6.5846-1.0098i
72.8	-0.7469-2.4194i	0.7954+3.4707i	2.7020-1.6618i	0.2481+1.4716i	0.9529+3.1701i	2.4032-0.6618i	6.3656-1.1393i
72.9	-0.8890-2.4095i	1.0260+3.3992i	2.6241-1.7473i	0.3651+1.4531i	1.1790+3.1043i	2.3954-0.8127i	6.3118-1.3292i
73.0	-0.9520-2.4311i	1.1465+3.4258i	2.6216-1.7418i	0.4317+1.5247i	1.3008+3.1416i	2.4205-0.8346i	6.4430-1.3139i
73.1	-0.9497-2.3740i	1.1604+3.3736i	2.5218-1.7399i	0.4247+1.5095i	1.2886+3.0929i	2.3597-0.8635i	6.3579-1.1671i
73.2	-0.9875-2.2475i	1.1987+3.1852i	2.3918-1.8155i	0.4304+1.4033i	1.3208+2.8847i	2.2161-0.9617i	6.1782-1.1769i
73.3	-1.0975-2.2011i	1.3431+3.0520i	2.2879-1.9755i	0.5162+1.3222i	1.4580+2.7325i	2.1155-1.1801i	6.0734-1.2568i
73.4	-1.1495-2.0896i	1.4175+2.8657i	2.2620-2.0758i	0.5485+1.2561i	1.5416+2.5443i	2.1271-1.2817i	5.9484-1.2982i
73.5	-1.1941-2.0297i	1.5156+2.7684i	2.1942-2.0336i	0.6347+1.2300i	1.6403+2.4732i	2.0940-1.2764i	5.9092-1.4662i
73.6	-1.1884-1.9405i	1.5169+2.6554i	2.0716-2.0744i	0.6537+1.1556i	1.6259+2.3498i	2.0216-1.3861i	5.7045-1.4705i
73.7	-1.3518-1.8050i	1.7437+2.3666i	1.9663-2.1839i	0.8007+1.0132i	1.8628+2.0528i	1.9637-1.6212i	5.5233-1.8201i
73.8	-1.2941-1.7407i	1.6179+2.2598i	1.7691-2.1889i	0.7016+0.9683i	1.7141+1.9426i	1.7915-1.6827i	5.3684-1.6401i
73.9	-1.3265-1.6982i	1.6432+2.1864i	1.6998-2.2459i	0.7122+0.9695i	1.7311+1.8754i	1.6875-1.7903i	5.3922-1.6789i
74.0	-1.3531-1.6207i	1.6787+2.0617i	1.7380-2.2711i	0.7517+0.8870i	1.7821+1.7399i	1.7114-1.8518i	5.2483-1.6861i
74.1	-1.4402-1.5619i	1.8220+1.9389i	1.7860-2.2446i	0.8440+0.8208i	1.9425+1.6245i	1.7491-1.8701i	5.1063-1.8220i
74.2	-1.3804-1.5449i	1.6757+1.9123i	1.6420-2.0217i	0.7308+0.8312i	1.7751+1.6300i	1.5591-1.6434i	5.0700-1.3835i
74.3	-1.4114-1.3564i	1.6394+1.6263i	1.6443-2.1443i	0.7145+0.6806i	1.7643+1.3162i	1.5484-1.7794i	4.7592-1.4516i
74.4	-1.4136-1.3334i	1.6444+1.5866i	1.5373-2.2305i	0.7280+0.6669i	1.7502+1.2723i	1.4422-1.9078i	4.7801-1.3672i
74.5	-1.4717-1.2949i	1.6953+1.5656i	1.6414-2.0493i	0.7657+0.6557i	1.8201+1.2799i	1.5207-1.7044i	4.8529-1.3243i
74.6	-1.4216-1.2520i	1.5686+1.5186i	1.5311-2.0706i	0.6847+0.6185i	1.6797+1.2109i	1.4519-1.7455i	4.6757-1.2125i
74.7	-1.3820-1.1879i	1.5147+1.4501i	1.4112-2.0820i	0.6660+0.6056i	1.6108+1.1375i	1.3971-1.7714i	4.5980-1.1432i
74.8	-1.3771-1.1958i	1.4815+1.5042i	1.5467-1.9410i	0.6307+0.6341i	1.6118+1.2102i	1.5725-1.6364i	4.5533-0.8696i
74.9	-1.3790-1.1611i	1.4778+1.4787i	1.6478-1.9223i	0.6358+0.6210i	1.6306+1.1873i	1.6781-1.6562i	4.5966-0.8616i

75.0	-1.3332-1.0568i	1.3910+1.3720i	1.5785-1.8972i	0.5860+0.5973i	1.5223+1.0791i	1.6542-1.6806i	4.4895-0.6847i
75.1	-1.2879-1.0611i	1.3286+1.3975i	1.6167-1.7434i	0.5468+0.6257i	1.4640+1.1245i	1.7402-1.5370i	4.4449-0.4870i
75.2	-1.2982-0.9572i	1.3521+1.2606i	1.5813-1.7122i	0.5740+0.5551i	1.4959+0.9864i	1.7431-1.5552i	4.3574-0.6267i
75.3	-1.3054-0.8587i	1.3440+1.1211i	1.6807-1.9305i	0.6223+0.4722i	1.5164+0.8119i	1.8427-1.8148i	4.3657-0.7337i
75.4	-1.2752-0.8671i	1.2710+1.1702i	1.7365-1.9406i	0.5765+0.5141i	1.4423+0.8541i	1.9085-1.8622i	4.4377-0.4880i
75.5	-1.2811-0.8454i	1.2774+1.1253i	1.7132-1.8898i	0.5678+0.4926i	1.4361+0.8251i	1.8710-1.8543i	4.5375-0.4970i
75.6	-1.3148-0.7661i	1.2812+1.0464i	1.9208-1.5609i	0.5808+0.4807i	1.4978+0.7950i	2.0826-1.5622i	4.5024-0.4106i
75.7	-1.2316-0.7336i	1.2035+1.0317i	1.9447-1.6163i	0.5391+0.5038i	1.4281+0.7607i	2.1409-1.6994i	4.5280-0.1611i
75.8	-1.2000-0.6616i	1.2014+0.9969i	2.1943-1.8673i	0.5701+0.4965i	1.4587+0.6744i	2.4182-2.0252i	4.4995-0.0652i
75.9	-1.1939-0.5820i	1.1633+0.9482i	2.3943-1.9476i	0.5533+0.4693i	1.4512+0.5945i	2.6153-2.1737i	4.3470+0.0160i
76.0	-1.2660-0.5669i	1.2609+0.9880i	2.5892-1.8382i	0.6163+0.5364i	1.5882+0.6489i	2.7815-2.1067i	4.5298-0.1067i
76.1	-1.1932-0.4678i	1.1455+0.8715i	2.7383-2.0691i	0.5877+0.4617i	1.5010+0.4725i	2.9139-2.3612i	4.4888-0.0475i
76.2	-1.1269-0.3541i	1.0852+0.7353i	2.8340-2.5069i	0.5696+0.3413i	1.4633+0.2550i	2.9799-2.8190i	4.4119+0.0705i
76.3	-1.0976-0.3299i	1.0560+0.7091i	2.8198-2.5645i	0.5536+0.3312i	1.4325+0.2201i	2.9694-2.9425i	4.3920+0.1637i
76.4	-1.0849-0.2544i	1.0487+0.6388i	3.0271-2.6443i	0.5766+0.3033i	1.4603+0.1271i	3.1596-3.1360i	4.3503+0.1410i
76.5	-1.0266-0.0861i	0.9666+0.5166i	3.2377-3.2102i	0.5425+0.2029i	1.4103-0.1155i	3.3263-3.7175i	4.2523+0.2537i
76.6	-0.9316-0.0918i	0.8941+0.5608i	3.0558-3.5207i	0.5090+0.2024i	1.3006-0.1424i	3.1109-4.0620i	4.3336+0.3577i
76.7	-0.7741-0.1677i	0.7634+0.6766i	2.9634-3.6484i	0.4406+0.2950i	1.1389-0.0535i	3.0661-4.2670i	4.6012+0.8707i
76.8	-0.8617-0.0020i	0.8824+0.5480i	3.4276-3.7510i	0.5702+0.2620i	1.3338-0.2113i	3.5151-4.4200i	4.7624+0.5518i
76.9	-0.7763+0.1340i	0.8436+0.4447i	3.4696-4.3264i	0.5863+0.1617i	1.2953-0.4375i	3.5088-5.0317i	4.5849+0.3996i
77.0	-0.6218+0.1697i	0.7290+0.4554i	3.3551-4.6623i	0.5310+0.1656i	1.1380-0.4979i	3.3888-5.4441i	4.7192+0.6501i
77.1	-0.4382+0.1824i	0.5812+0.4419i	3.2544-5.1266i	0.4868+0.1455i	0.9456-0.5890i	3.2283-6.0393i	4.7707+0.9066i
77.2	-0.2163+0.0570i	0.4427+0.5745i	2.8990-5.3883i	0.4224+0.2107i	0.7264-0.5060i	2.8653-6.4399i	5.0487+1.1729i
77.3	-0.1504-0.0593i	0.4249+0.6936i	2.6700-5.4114i	0.4074+0.2877i	0.6490-0.4103i	2.5941-6.5364i	5.1672+1.2560i
77.4	-0.1157-0.0751i	0.3835+0.7454i	2.7360-5.6532i	0.4183+0.3320i	0.5981-0.4133i	2.5121-6.8224i	5.2954+1.2786i
77.5	-0.0076-0.1422i	0.3472+0.8009i	2.2298-6.0464i	0.4184+0.3336i	0.4568-0.4241i	1.8451-7.2024i	5.4183+1.1919i
77.6	0.1618-0.1650i	0.3255+0.8012i	1.6549-6.8757i	0.4595+0.2823i	0.2816-0.5590i	1.1120-8.0209i	5.6719+1.2120i
77.7	0.3342-0.2944i	0.1907+0.9472i	1.2268-7.3167i	0.3889+0.3405i	0.0164-0.4981i	0.6308-8.5563i	5.8589+1.6398i
77.8	0.3877-0.5229i	0.1400+1.1125i	0.6606-7.1393i	0.3164+0.4177i	-0.1562-0.2928i	0.0437-8.4141i	6.0225+1.7779i
77.9	0.3996-0.5679i	0.1813+1.1247i	0.3184-7.3437i	0.3485+0.3985i	-0.2069-0.3106i	-0.3911-8.6118i	6.1806+1.7834i
78.0	0.3652-0.7045i	0.2770+1.1154i	-0.3813-7.2111i	0.4323+0.3454i	-0.2517-0.2396i	-1.2717-8.3697i	6.4561+1.3607i
78.1	0.3481-0.8098i	0.3320+1.1751i	-0.7770-6.9262i	0.4965+0.3621i	-0.2714-0.1056i	-1.6969-8.0136i	6.5144+1.1938i
78.2	0.3225-1.0352i	0.3820+1.3910i	-1.0035-6.6772i	0.5515+0.4632i	-0.2937+0.1696i	-1.9540-7.8174i	6.8778+1.3261i
78.3	0.3072-1.1773i	0.4406+1.4245i	-1.4603-6.7078i	0.5957+0.4072i	-0.3652+0.2384i	-2.5124-7.8253i	7.1010+1.2024i
78.4	0.2639-1.2803i	0.4955+1.4439i	-1.9874-6.5041i	0.5911+0.3617i	-0.4234+0.3336i	-3.1054-7.5615i	7.1471+1.0338i
78.5	0.1719-1.3331i	0.6401+1.4189i	-2.2743-6.2881i	0.6982+0.2878i	-0.3443+0.3818i	-3.4865-7.2702i	7.4396+0.5687i
78.6	0.0788-1.4358i	0.7225+1.4070i	-2.6896-6.0382i	0.7224+0.2073i	-0.3471+0.4569i	-3.9781-6.9978i	7.6359+0.3625i
78.7	-0.0396-1.5517i	0.8082+1.4574i	-2.9228-5.5235i	0.7562+0.2100i	-0.2932+0.6479i	-4.2412-6.4247i	7.6902+0.2732i
78.8	-0.2326-1.5582i	0.9579+1.4310i	-2.6378-4.8289i	0.8274+0.1952i	-0.0544+0.7789i	-3.9499-5.6749i	7.7031+0.1244i
78.9	-0.4156-1.4880i	1.0932+1.3269i	-2.1649-4.6071i	0.9166+0.1138i	0.1803+0.6991i	-3.5162-5.3875i	7.8323-0.2053i
79.0	-0.3907-1.4118i	1.0651+1.1868i	-2.0868-5.0424i	0.8781-0.0609i	0.0949+0.4808i	-3.4452-5.7936i	7.6117-0.5036i
79.1	-0.3697-1.5020i	0.9587+1.2407i	-2.3794-5.0523i	0.7459-0.0654i	-0.0863+0.6058i	-3.7727-5.8996i	7.5285-0.2027i
79.2	-0.4348-1.6654i	0.9550+1.3465i	-2.7137-4.6575i	0.7189-0.0393i	-0.1135+0.8783i	-4.1688-5.4656i	7.7379-0.1605i
79.3	-0.5351-1.6606i	1.0053+1.2820i	-2.9523-4.3103i	0.6758-0.1207i	-0.0685+0.9565i	-4.4715-4.9880i	7.7253-0.5327i
79.4	-0.6204-1.6364i	1.0284+1.2022i	-3.0452-4.1127i	0.6112-0.1780i	-0.0266+0.9684i	-4.5874-4.7421i	7.5340-0.6691i
79.5	-0.7466-1.6866i	1.0848+1.2643i	-2.9650-4.0287i	0.5966-0.1534i	0.0731+1.0570i	-4.5117-4.6361i	7.6412-0.6850i
79.6	-0.8542-1.7087i	1.1307+1.2762i	-3.0201-3.9226i	0.5766-0.1609i	0.1561+1.1261i	-4.5874-4.4300i	7.7458-0.8142i
79.7	-1.0318-1.6577i	1.2295+1.2440i	-2.9575-3.6459i	0.5785-0.1465i	0.3577+1.1639i	-4.5535-4.0821i	7.9107-0.9176i
79.8	-1.1516-1.5390i	1.3057+1.1470i	-2.9464-3.5846i	0.5675-0.1976i	0.4887+1.0837i	-4.6078-3.9128i	7.9146-1.2893i
79.9	-1.2080-1.4928i	1.3297+1.0744i	-3.0576-3.5710i	0.5305-0.2683i	0.5283+1.0502i	-4.6940-3.7883i	7.8266-1.5907i
80.0	-1.2204-1.4477i	1.3154+1.0639i	-3.0219-3.4678i	0.4965-0.2456i	0.5386+1.0478i	-4.6359-3.6869i	7.6689-1.6012i

2.1.49 Run 5 – VTC – Accels 1–8

Vertical shaking on center. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	15.6803+0.0000i	4.8007+0.0000i	11.2881+0.0000i	18.7322+0.0000i	-1.4917+0.0000i	12.2180+0.0000i	7.7961+0.0000i	9.5842+0.0000i
0.1	2.6333-0.8534i	0.8014-0.1787i	1.7152-0.9175i	2.8404-0.9719i	-0.1661+0.1493i	1.6412-0.0415i	1.0907-0.0107i	1.7898-0.7777i
0.2	0.0406-0.0511i	0.0697+0.1447i	-0.0612+0.0473i	-0.0554+0.1228i	-0.0076+0.1643i	-0.2351+0.3210i	-0.2120+0.0205i	-0.2219-0.0581i
0.3	0.0001+0.0161i	-0.0280+0.0073i	-0.0724+0.0316i	-0.0300+0.0136i	0.0342+0.0913i	-0.0099+0.1350i	0.0609+0.0258i	-0.0580+0.1630i
0.4	0.0115-0.0131i	-0.0133+0.0074i	-0.1316-0.0653i	0.0030+0.0140i	-0.0126+0.0274i	0.0030+0.0285i	-0.0126-0.0215i	0.0302+0.1092i
0.5	0.0185-0.0121i	0.0040+0.0043i	-0.1499-0.0782i	-0.0049+0.0085i	-0.0020-0.0012i	0.0089+0.0126i	-0.0012-0.0228i	-0.0027+0.0547i
0.6	0.0236-0.0055i	0.0020-0.0059i	-0.1244-0.1062i	-0.0025-0.0029i	0.0026+0.0007i	-0.0049+0.0183i	-0.0080-0.0006i	0.0324+0.0162i
0.7	0.0477+0.0063i	-0.0001-0.0075i	0.0207-0.1295i	0.0055-0.0016i	-0.0001-0.0024i	-0.0097+0.0078i	-0.0053+0.0035i	-0.0013-0.0021i
0.8	0.0165-0.0044i	0.0017-0.0020i	-0.0023-0.0477i	-0.0015-0.0041i	0.0007+0.0000i	-0.0054+0.0029i	0.0008+0.0035i	-0.0014-0.0016i
0.9	0.0072-0.0051i	-0.0097-0.0055i	0.0034-0.0058i	-0.0074-0.0028i	0.0034+0.0030i	-0.0072+0.0009i	0.0012+0.0022i	-0.0014-0.0041i
1.0	0.0266+0.0099i	-0.0099-0.0036i	0.0272+0.0634i	-0.0047-0.0017i	0.0033+0.0029i	-0.0069-0.0013i	-0.0036-0.0001i	-0.0053-0.0000i
1.1	0.0364+0.0154i	-0.0069-0.0029i	-0.0114+0.1027i	-0.0091+0.0002i	0.0016+0.0007i	-0.0054+0.0005i	-0.0051-0.0008i	-0.0037+0.0049i
1.2	0.0321+0.0214i	-0.0086-0.0011i	-0.0464+0.0979i	-0.0107+0.0015i	0.0015+0.0004i	-0.0022+0.0017i	-0.0069-0.0008i	-0.0019+0.0016i
1.3	0.0431+0.0224i	-0.0085-0.0021i	-0.0786+0.0940i	-0.0099-0.0000i	0.0026+0.0018i	0.0004+0.0003i	-0.0071-0.0011i	0.0011-0.0019i
1.4	0.0730-0.0251i	-0.0106-0.0021i	-0.0678+0.0982i	-0.0134-0.0032i	0.0030-0.0022i	0.0012-0.0010i	-0.0088-0.0031i	0.0007-0.0012i
1.5	0.0705+0.0013i	-0.0147+0.0010i	-0.0359+0.1020i	-0.0156-0.0020i	0.0037-0.0023i	-0.0035+0.0006i	-0.0092-0.0025i	-0.0003-0.0002i
1.6	0.0577+0.0036i	-0.0169+0.0030i	-0.0467+0.0657i	-0.0165-0.0004i	0.0049-0.0022i	-0.0060+0.0015i	-0.0116-0.0010i	0.0035-0.0003i
1.7	0.0867-0.0260i	-0.0236+0.0025i	-0.0281-0.0169i	-0.0177-0.0005i	0.0068-0.0035i	-0.0091+0.0021i	-0.0132-0.0019i	0.0075-0.0006i
1.8	0.1038+0.0076i	-0.0331+0.0131i	0.0501-0.0910i	-0.0198-0.0017i	0.0132-0.0092i	-0.0121+0.0014i	-0.0151-0.0022i	0.0111-0.0068i
1.9	0.1020-0.0036i	-0.0306+0.0374i	0.0234+0.0500i	-0.0223-0.0021i	0.0075-0.0231i	-0.0175+0.0055i	-0.0156-0.0025i	0.0109-0.0240i
2.0	0.1169-0.0067i	-0.0248+0.0628i	-0.1150+0.0340i	-0.0257-0.0069i	-0.0046-0.0371i	-0.0347+0.0175i	-0.0217-0.0051i	0.0017-0.0407i
2.1	0.1548-0.0057i	-0.0105+0.1079i	-0.1096-0.0415i	-0.0285-0.0067i	-0.0126-0.0544i	-0.0264+0.0736i	-0.0257-0.0060i	-0.0071-0.0671i
2.2	0.1866+0.0075i	0.0843+0.0930i	-0.1155-0.0493i	-0.0342-0.0049i	-0.0855-0.0512i	0.0251+0.0581i	-0.0296-0.0043i	-0.0854-0.0602i
2.3	0.1918+0.0166i	0.1770-0.0195i	-0.2173+0.0050i	-0.0395-0.0038i	-0.1987+0.0370i	0.0160-0.0033i	-0.0375+0.0001i	-0.1963+0.0355i
2.4	0.2206+0.0031i	0.0426-0.1574i	-0.1390+0.1260i	-0.0368+0.0030i	-0.0350+0.2136i	0.0132+0.0099i	-0.0344+0.0069i	-0.0366+0.2073i
2.5	0.2201+0.0041i	-0.0617-0.0742i	-0.0206+0.0179i	-0.0355-0.0013i	0.0961+0.1032i	0.0167+0.0057i	-0.0305+0.0018i	0.0932+0.1030i
2.6	0.2108-0.0210i	-0.0360-0.0218i	-0.0119-0.0399i	-0.0410-0.0046i	0.0613+0.0333i	0.0132+0.0025i	-0.0351-0.0008i	0.0576+0.0340i
2.7	0.2331-0.0446i	-0.0188-0.0078i	0.0581-0.0514i	-0.0466-0.0022i	0.0373+0.0137i	0.0111+0.0010i	-0.0420-0.0002i	0.0343+0.0137i
2.8	0.2673+0.0227i	-0.0146-0.0057i	0.1074-0.0556i	-0.0544-0.0007i	0.0255+0.0107i	0.0081-0.0009i	-0.0450-0.0030i	0.0254+0.0101i
2.9	0.2769-0.0137i	-0.0127-0.0042i	0.1093-0.0403i	-0.0587-0.0028i	0.0268+0.0118i	0.0071+0.0006i	-0.0496-0.0012i	0.0280+0.0098i
3.0	0.3143-0.0243i	-0.0100-0.0039i	0.0816-0.0050i	-0.0621-0.0046i	0.0214+0.0059i	0.0072+0.0022i	-0.0548-0.0014i	0.0254+0.0044i
3.1	0.3792-0.0006i	-0.0077-0.0058i	0.0118+0.0440i	-0.0629-0.0017i	0.0114+0.0050i	0.0064+0.0026i	-0.0583-0.0030i	0.0154+0.0035i
3.2	0.3593-0.0305i	-0.0142-0.0034i	-0.0296+0.0617i	-0.0651-0.0031i	0.0115+0.0108i	0.0055+0.0031i	-0.0590-0.0030i	0.0135+0.0146i
3.3	0.3451-0.0079i	-0.0105+0.0116i	-0.0059-0.0563i	-0.0781-0.0023i	0.0230+0.0131i	0.0060+0.0058i	-0.0684-0.0024i	0.0254+0.0134i
3.4	0.4137-0.0242i	-0.0034+0.0095i	-0.0311-0.0857i	-0.0800-0.0090i	0.0229+0.0070i	0.0039+0.0068i	-0.0742-0.0045i	0.0241+0.0067i
3.5	0.3830-0.0661i	-0.0031+0.0041i	-0.0839-0.1067i	-0.0827-0.0078i	0.0168+0.0032i	0.0037+0.0086i	-0.0825-0.0046i	0.0254+0.0024i
3.6	0.5615-0.1979i	-0.0055-0.0141i	0.0422-0.0084i	-0.1076-0.0022i	0.0133+0.0025i	0.0137+0.0065i	-0.0942+0.0052i	0.0318+0.0018i
3.7	0.5969-0.0785i	-0.0234-0.0096i	0.0081+0.1162i	-0.1087+0.0034i	0.0044+0.0012i	0.0084-0.0064i	-0.0899+0.0073i	0.0168-0.0011i
3.8	0.5553-0.0125i	-0.0184-0.0057i	0.0222+0.0336i	-0.1092+0.0017i	0.0084-0.0005i	0.0062-0.0031i	-0.0959+0.0021i	0.0194+0.0002i
3.9	0.5557-0.0005i	-0.0152+0.0003i	0.0207-0.0037i	-0.1148-0.0006i	0.0087+0.0014i	0.0045-0.0003i	-0.1045+0.0002i	0.0208+0.0015i
4.0	0.5671+0.0160i	-0.0086+0.0025i	0.0290-0.0204i	-0.1204-0.0015i	0.0101+0.0007i	0.0060+0.0023i	-0.1104-0.0010i	0.0225+0.0010i
4.1	0.5889+0.0337i	-0.0054+0.0006i	0.0441-0.0149i	-0.1260-0.0018i	0.0101-0.0003i	0.0082+0.0018i	-0.1166-0.0016i	0.0235-0.0001i
4.2	0.6003+0.0327i	-0.0054-0.0005i	0.0387+0.0122i	-0.1360-0.0024i	0.0093+0.0015i	0.0093+0.0010i	-0.1254-0.0028i	0.0245+0.0013i
4.3	0.6404+0.0151i	-0.0046+0.0004i	0.0283+0.0331i	-0.1488-0.0034i	0.0095+0.0016i	0.0105-0.0016i	-0.1374-0.0041i	0.0279+0.0012i
4.4	0.6748+0.0040i	0.0001+0.0014i	0.0130+0.0242i	-0.1601-0.0026i	0.0091-0.0004i	0.0101-0.0057i	-0.1480-0.0035i	0.0292-0.0001i
4.5	0.7545-0.0077i	0.0064-0.0007i	-0.0106+0.0099i	-0.1669-0.0050i	0.0075-0.0011i	0.0083-0.0084i	-0.1584-0.0030i	0.0306+0.0004i
4.6	0.7590+0.0089i	0.0090-0.0057i	-0.0432-0.0075i	-0.1810-0.0015i	0.0080-0.0008i	0.0030-0.0132i	-0.1727-0.0034i	0.0333+0.0021i
4.7	0.8066+0.0327i	0.0116-0.0121i	-0.0638-0.0088i	-0.1906-0.0021i	0.0073+0.0006i	-0.0011-0.0199i	-0.1840-0.0026i	0.0356+0.0030i
4.8	0.8377-0.0093i	0.0067-0.0222i	-0.0473+0.0324i	-0.2027-0.0007i	0.0074+0.0068i	-0.0152-0.0210i	-0.1992+0.0016i	0.0385+0.0048i
4.9	0.9428+0.0094i	-0.0022-0.0158i	-0.0015+0.1038i	-0.2145-0.0031i	0.0129+0.0068i	-0.0280+0.0036i	-0.2107+0.0029i	0.0489+0.0057i
5.0	0.9648+0.1063i	0.0064-0.0033i	0.0339+0.0077i	-0.2390-0.0079i	0.0176-0.0051i	-0.0032+0.0198i	-0.2302-0.0119i	0.0519-0.0039i
5.1	0.9518+0.0860i	0.0092-0.0002i	0.0275-0.0140i	-0.2549-0.0113i	0.0144-0.0037i	0.0007+0.0114i	-0.2475-0.0143i	0.0531-0.0038i
5.2	0.9858+0.0851i	0.0160+0.0152i	0.0070+0.0041i	-0.2784-0.0106i	0.0177-0.0077i	0.0016+0.0089i	-0.2724-0.0149i	0.0607-0.0067i
5.3	1.0312+0.1207i	0.0434+0.0317i	-0.0629-0.0212i	-0.2991-0.0001i	0.0135-0.0195i	0.0028+0.0097i	-0.2996-0.0074i	0.0627-0.0170i
5.4	1.0486+0.1106i	0.0895+0.0245i	-0.0920-0.0228i	-0.3148+0.0075i	0.0004-0.0243i	0.0035+0.0082i	-0.3172+0.0038i	0.0622-0.0212i
5.5	1.1505+0.0846i	0.1304-0.0374i	-0.1277+0.0713i	-0.3395+0.0009i	-0.0193-0.0109i	0.0013+0.0132i	-0.3517+0.0079i	0.0497-0.0168i
5.6	1.2186+0.0532i	0.1083-0.1011i	-0.1381+0.0540i	-0.3797+0.0116i	-0.0293+0.0034i	0.0270-0.0003i	-0.3894+0.0133i	0.0466-0.0072i

5.7	1.3605+0.0313i	0.0790-0.1079i	-0.0793-0.0335i	-0.4070+0.0053i	-0.0236+0.0155i	0.0189-0.0211i	-0.4232+0.0133i	0.0579+0.0042i
5.8	1.4312-0.0200i	0.0761-0.1033i	-0.0820-0.0218i	-0.4490+0.0169i	-0.0231+0.0290i	-0.0027-0.0159i	-0.4671+0.0290i	0.0739+0.0136i
5.9	1.4748-0.0144i	0.0630-0.0975i	-0.1172+0.0223i	-0.4786+0.0248i	-0.0100+0.0344i	-0.0197-0.0126i	-0.5004+0.0334i	0.0959+0.0169i
6.0	1.5305+0.0180i	0.0716-0.0723i	-0.1612+0.0447i	-0.5134+0.0206i	-0.0030+0.0297i	-0.0264+0.0059i	-0.5419+0.0304i	0.1118+0.0128i
6.1	1.6135+0.0236i	0.1177-0.0601i	-0.2036+0.0461i	-0.5768+0.0281i	-0.0051+0.0307i	-0.0168+0.0240i	-0.6122+0.0382i	0.1299+0.0100i
6.2	1.7384-0.0131i	0.1675-0.0773i	-0.2101+0.0780i	-0.6513+0.0472i	-0.0015+0.0364i	-0.0017+0.0255i	-0.6975+0.0637i	0.1561+0.0068i
6.3	1.8103-0.0194i	0.1983-0.0882i	-0.2248+0.1001i	-0.7013+0.0620i	0.0016+0.0377i	0.0043+0.0212i	-0.7577+0.0808i	0.1746+0.0033i
6.4	1.9328-0.0574i	0.2514-0.1166i	-0.2701+0.1191i	-0.7908+0.0952i	0.0055+0.0421i	0.0055+0.0167i	-0.8629+0.1206i	0.2077-0.0037i
6.5	2.0794-0.0892i	0.3170-0.1336i	-0.3188+0.1244i	-0.8904+0.1202i	0.0069+0.0438i	0.0076+0.0159i	-0.9823+0.1497i	0.2453-0.0098i
6.6	2.2566-0.1304i	0.4088-0.1786i	-0.3930+0.1602i	-1.0188+0.1754i	0.0081+0.0484i	0.0099+0.0119i	-1.1414+0.2160i	0.2971-0.0250i
6.7	2.4645-0.1955i	0.5261-0.2445i	-0.4882+0.2070i	-1.1924+0.2459i	0.0131+0.0548i	0.0069+0.0090i	-1.3519+0.3041i	0.3689-0.0485i
6.8	2.7680-0.2961i	0.7081-0.3357i	-0.6498+0.2776i	-1.4494+0.3433i	0.0167+0.0647i	0.0011+0.0084i	-1.6662+0.4261i	0.4734-0.0805i
6.9	3.1933-0.5449i	0.9669-0.5330i	-0.8847+0.4411i	-1.8025+0.5676i	0.0219+0.0825i	-0.0025+0.0120i	-2.1014+0.7098i	0.6209-0.1603i
7.0	3.6864-1.4428i	1.2644-1.2360i	-1.1253+1.0637i	-2.2373+1.4184i	0.0543+0.1158i	0.0035+0.0274i	-2.6357+1.7723i	0.8235-0.4890i
7.1	3.4068-2.7109i	0.9705-2.1909i	-0.8540+1.8860i	-1.9602+2.6316i	0.1219+0.1102i	0.0214+0.0298i	-2.2818+3.2838i	0.7575-0.9990i
7.2	2.0920-3.5720i	-0.1219-2.8059i	0.0619+2.3671i	-0.6640+3.4567i	0.1735+0.0458i	0.0321+0.0063i	-0.6610+4.3117i	0.2584-1.3976i
7.3	0.3181-2.9532i	-1.5638-2.3288i	1.2039+1.9669i	1.0819+2.8737i	0.1569-0.0319i	-0.0078-0.0028i	1.5227+3.5998i	-0.4870-1.2512i
7.4	-0.2953-2.1764i	-2.1185-1.7165i	1.6909+1.5225i	1.6820+2.1408i	0.1502-0.0496i	-0.0037+0.0253i	2.2995+2.6912i	-0.7837-0.9759i
7.5	-0.2229-1.0383i	-2.1078-0.7838i	1.7390+0.7333i	1.6569+1.0687i	0.1191-0.0745i	0.0218+0.0248i	2.2874+1.3376i	-0.8352-0.5278i
7.6	0.1458-0.6792i	-1.8316-0.4893i	1.5135+0.4592i	1.3285+0.7196i	0.0968-0.0767i	0.0237+0.0137i	1.8816+0.8944i	-0.7225-0.3694i
7.7	0.5788-0.4912i	-1.5668-0.3526i	1.2751+0.3390i	0.9893+0.5315i	0.0812-0.0746i	0.0169+0.0107i	1.4606+0.6626i	-0.5995-0.2895i
7.8	0.8826-0.4321i	-1.4527-0.3495i	1.1624+0.3255i	0.7647+0.4765i	0.0762-0.0673i	0.0195+0.0113i	1.2012+0.6038i	-0.5401-0.2747i
7.9	0.9713-0.4095i	-1.4777-0.3276i	1.1856+0.2833i	0.6892+0.4463i	0.0721-0.0709i	0.0240+0.0093i	1.1373+0.5664i	-0.5545-0.2662i
8.0	1.0494-0.3567i	-1.4967-0.2354i	1.2095+0.1780i	0.6358+0.3832i	0.0666-0.0783i	0.0225+0.0041i	1.0918+0.4763i	-0.5649-0.2273i
8.1	1.2078-0.2840i	-1.4986-0.1569i	1.2308+0.1102i	0.5410+0.3208i	0.0623-0.0807i	0.0186+0.0034i	0.9960+0.3883i	-0.5616-0.1904i
8.2	1.3240-0.2704i	-1.5242-0.0721i	1.2444+0.0707i	0.4703+0.3018i	0.0567-0.0828i	0.0214+0.0032i	0.9327+0.3438i	-0.5752-0.1535i
8.3	1.4285-0.1757i	-1.5558+0.0342i	1.2491-0.0234i	0.4026+0.2526i	0.0449-0.0897i	0.0233+0.0015i	0.8775+0.2627i	-0.5980-0.1085i
8.4	1.5155-0.1392i	-1.5675+0.1002i	1.2341-0.0832i	0.3412+0.2276i	0.0375-0.0914i	0.0239-0.0002i	0.8215+0.2191i	-0.6065-0.0777i
8.5	1.6760-0.1326i	-1.6005+0.1866i	1.2486-0.1748i	0.2562+0.2122i	0.0293-0.0947i	0.0234-0.0037i	0.7472+0.1787i	-0.6240-0.0409i
8.6	1.7986-0.1278i	-1.6379+0.2617i	1.3111-0.2603i	0.1926+0.2193i	0.0236-0.0980i	0.0223-0.0060i	0.6956+0.1620i	-0.6438-0.0096i
8.7	1.9304-0.1331i	-1.7231+0.3791i	1.4120-0.3667i	0.1045+0.2444i	0.0182-0.0993i	0.0207-0.0077i	0.6340+0.1512i	-0.6798+0.0410i
8.8	2.0558-0.1811i	-1.8094+0.5513i	1.5009-0.5049i	0.0286+0.2886i	0.0114-0.1056i	0.0200-0.0096i	0.5849+0.1464i	-0.7213+0.1079i
8.9	2.1403-0.2266i	-1.8868+0.7209i	1.5654-0.6395i	-0.0400+0.3328i	0.0059-0.1053i	0.0197-0.0105i	0.5404+0.1379i	-0.7601+0.1848i
9.0	2.2325-0.2998i	-1.9206+1.0761i	1.5587-0.9820i	-0.1008+0.4482i	-0.0077-0.1101i	0.0204-0.0158i	0.4926+0.1430i	-0.7878+0.3389i
9.1	2.3057-0.4040i	-1.7980+1.2960i	1.4424-1.2188i	-0.1063+0.5296i	-0.0167-0.1047i	0.0141-0.0194i	0.4500+0.1585i	-0.7327+0.4428i
9.2	2.4960-0.5657i	-2.0044+1.7194i	1.6527-1.5817i	-0.2268+0.7013i	-0.0203-0.1229i	0.0115-0.0231i	0.3906+0.2105i	-0.8241+0.6000i
9.3	2.4616-0.8004i	-1.7042+2.4191i	1.3659-2.2051i	-0.1341+0.9763i	-0.0518-0.1324i	0.0050-0.0272i	0.4014+0.2732i	-0.7351+0.8997i
9.4	2.1719-0.9678i	-0.6520+2.9073i	0.3730-2.6737i	0.2376+1.1714i	-0.0950-0.1150i	-0.0071-0.0249i	0.4682+0.3130i	-0.3248+1.1473i
9.5	1.8861-0.8680i	0.3212+2.5594i	-0.5140-2.3745i	0.5941+1.0467i	-0.1094-0.0745i	-0.0130-0.0168i	0.5300+0.2813i	0.0936+1.0548i
9.6	1.7786-0.6592i	0.7950+1.9138i	-0.9618-1.7847i	0.7636+0.8073i	-0.1069-0.0389i	-0.0134-0.0085i	0.5529+0.2273i	0.3187+0.8199i
9.7	1.8646-0.3919i	0.8009+1.2429i	-0.9790-1.1902i	0.7564+0.5535i	-0.0862-0.0204i	-0.0113-0.0016i	0.5345+0.1737i	0.3626+0.5484i
9.8	1.9996-0.2695i	0.6834+0.8660i	-0.8589-0.8465i	0.7014+0.4084i	-0.0705-0.0130i	-0.0087+0.0004i	0.5085+0.1428i	0.3381+0.3919i
9.9	2.1216-0.1858i	0.5302+0.6373i	-0.7253-0.6361i	0.6281+0.3200i	-0.0630-0.0088i	-0.0059+0.0027i	0.4807+0.1238i	0.2900+0.2943i
10.0	2.2207-0.1142i	0.3957+0.4735i	-0.6007-0.4804i	0.5635+0.2578i	-0.0542-0.0055i	-0.0063+0.0033i	0.4534+0.1102i	0.2529+0.2214i
10.1	2.3312-0.0595i	0.2742+0.3861i	-0.4907-0.4022i	0.5044+0.2329i	-0.0475-0.0053i	-0.0057+0.0045i	0.4262+0.1096i	0.2152+0.1801i
10.2	2.4593-0.0462i	0.1607+0.3199i	-0.4081-0.3578i	0.4474+0.2148i	-0.0421-0.0049i	-0.0057+0.0044i	0.3987+0.1132i	0.1777+0.1517i
10.3	2.5869-0.0833i	0.0508+0.3042i	-0.3474-0.3535i	0.4003+0.2297i	-0.0373-0.0045i	-0.0045+0.0050i	0.3818+0.1310i	0.1465+0.1456i
10.4	2.6531-0.0806i	-0.0001+0.3044i	-0.3308-0.3475i	0.3923+0.2444i	-0.0352-0.0085i	-0.0029+0.0060i	0.3831+0.1475i	0.1358+0.1393i
10.5	2.6809-0.1085i	-0.0304+0.2967i	-0.3356-0.3243i	0.3959+0.2453i	-0.0345-0.0099i	-0.0018+0.0057i	0.3904+0.1517i	0.1317+0.1301i
10.6	2.7504-0.1054i	-0.0542+0.2791i	-0.3244-0.2751i	0.4024+0.2240i	-0.0341-0.0106i	-0.0012+0.0087i	0.4014+0.1433i	0.1276+0.1116i
10.7	2.7857-0.0439i	-0.0789+0.2305i	-0.3079-0.2010i	0.4019+0.1888i	-0.0317-0.0075i	-0.0014+0.0096i	0.4081+0.1247i	0.1246+0.0919i
10.8	2.8634+0.0160i	-0.1175+0.1949i	-0.2844-0.1699i	0.3866+0.1630i	-0.0306-0.0075i	-0.0004+0.0099i	0.4002+0.1083i	0.1150+0.0772i
10.9	2.9621-0.0019i	-0.1707+0.1740i	-0.2322-0.1643i	0.3535+0.1441i	-0.0294-0.0071i	0.0010+0.0101i	0.3842+0.0969i	0.0987+0.0667i
11.0	3.0614+0.0133i	-0.2157+0.1577i	-0.1876-0.1615i	0.3271+0.1300i	-0.0294-0.0074i	0.0028+0.0096i	0.3692+0.0891i	0.0864+0.0577i
11.1	3.1181+0.0383i	-0.2615+0.1459i	-0.1521-0.1511i	0.3055+0.1220i	-0.0274-0.0079i	0.0037+0.0106i	0.3567+0.0838i	0.0786+0.0512i
11.2	3.1912+0.0141i	-0.3069+0.1397i	-0.1221-0.1269i	0.2822+0.1160i	-0.0265-0.0070i	0.0058+0.0125i	0.3441+0.0795i	0.0685+0.0454i
11.3	3.2802+0.0316i	-0.3357+0.1279i	-0.1059-0.0967i	0.2649+0.1089i	-0.0254-0.0066i	0.0074+0.0137i	0.3327+0.0772i	0.0616+0.0427i
11.4	3.3988+0.0554i	-0.3733+0.1148i	-0.0862-0.0696i	0.2455+0.0991i	-0.0251-0.0065i	0.0087+0.0133i	0.3206+0.0745i	0.0542+0.0376i
11.5	3.4726+0.0266i	-0.4101+0.1069i	-0.0739-0.0481i	0.2266+0.0985i	-0.0249-0.0052i	0.0091+0.0129i	0.3105+0.0706i	0.0494+0.0355i
11.6	3.5325+0.0521i	-0.4590+0.0957i	-0.0671-0.0647i	0.2059+0.0969i	-0.0228-0.0053i	0.0094+0.0125i	0.2979+0.0691i	0.0421+0.0323i
11.7	3.6446+0.1000i	-0.5026+0.0895i	-0.0318-0.0702i	0.1834+0.0923i	-0.0216-0.0072i	0.0095+0.0108i	0.2864+0.0689i	0.0348+0.0275i
11.8	3.7283+0.0958i	-0.5374+0.0942i	-0.0337-0.0926i	0.1671+0.0937i	-0.0208-0.0070i	0.0102+0.0093i	0.2758+0.0707i	0.0293+0.0260i
11.9	3.7751+0.0767i	-0.5859+0.0955i	-0.0028-0.1239i	0.1458+0.0938i	-0.0204-0.0066i	0.0109+0.0082i	0.2626+0.0722i	0.0233+0.0263i

12.0	3.8753+0.0658i	-0.6344+0.1014i	0.0424-0.1062i	0.1241+0.1000i	-0.0188-0.0079i	0.0107+0.0072i	0.2514+0.0773i	0.0167+0.0267i
12.1	3.9917+0.0728i	-0.6819+0.1026i	0.0536-0.0788i	0.1038+0.1016i	-0.0178-0.0091i	0.0090+0.0063i	0.2383+0.0820i	0.0113+0.0248i
12.2	4.0235+0.0783i	-0.7251+0.1120i	0.0545-0.0953i	0.0861+0.1115i	-0.0169-0.0086i	0.0102+0.0059i	0.2259+0.0883i	0.0067+0.0266i
12.3	4.1045+0.0452i	-0.7756+0.1228i	0.0759-0.1162i	0.0706+0.1256i	-0.0164-0.0093i	0.0113+0.0065i	0.2149+0.0988i	0.0023+0.0282i
12.4	4.1988+0.0696i	-0.8353+0.1403i	0.0862-0.1270i	0.0587+0.1440i	-0.0169-0.0116i	0.0120+0.0067i	0.2076+0.1103i	-0.0011+0.0330i
12.5	4.3139+0.0422i	-0.8740+0.1649i	0.0672-0.1579i	0.0568+0.1606i	-0.0188-0.0126i	0.0121+0.0061i	0.2081+0.1240i	-0.0038+0.0357i
12.6	4.3602+0.0159i	-0.8970+0.1826i	0.0567-0.1781i	0.0589+0.1741i	-0.0196-0.0137i	0.0111+0.0062i	0.2135+0.1339i	-0.0040+0.0353i
12.7	4.3976+0.0570i	-0.9459+0.1857i	0.0303-0.1516i	0.0658+0.1767i	-0.0207-0.0161i	0.0105+0.0074i	0.2218+0.1382i	-0.0024+0.0334i
12.8	4.4815+0.0355i	-0.9894+0.2091i	0.0050-0.1143i	0.0600+0.1704i	-0.0214-0.0151i	0.0100+0.0065i	0.2221+0.1346i	-0.0047+0.0324i
12.9	4.5801+0.0514i	-1.0281+0.2225i	0.0181-0.1028i	0.0528+0.1686i	-0.0215-0.0151i	0.0095+0.0053i	0.2202+0.1330i	-0.0092+0.0318i
13.0	4.6038+0.0397i	-1.0745+0.2422i	0.0331-0.0703i	0.0503+0.1685i	-0.0235-0.0153i	0.0098+0.0068i	0.2182+0.1325i	-0.0136+0.0335i
13.1	4.7058+0.0467i	-1.1210+0.2535i	0.0277-0.0203i	0.0444+0.1606i	-0.0254-0.0154i	0.0077+0.0087i	0.2157+0.1284i	-0.0169+0.0363i
13.2	4.8399+0.0635i	-1.1640+0.2567i	0.0422-0.0118i	0.0334+0.1540i	-0.0245-0.0151i	0.0072+0.0098i	0.2087+0.1260i	-0.0188+0.0372i
13.3	4.9072+0.0893i	-1.2232+0.2700i	0.0779-0.0094i	0.0182+0.1580i	-0.0237-0.0160i	0.0079+0.0112i	0.2004+0.1266i	-0.0183+0.0379i
13.4	4.9720+0.0801i	-1.3270+0.2795i	0.1005+0.0088i	-0.0026+0.1637i	-0.0259-0.0162i	0.0097+0.0142i	0.1919+0.1340i	-0.0193+0.0427i
13.5	5.1026+0.0549i	-1.4001+0.3003i	0.1097-0.0036i	-0.0136+0.1727i	-0.0278-0.0167i	0.0153+0.0151i	0.1876+0.1416i	-0.0185+0.0424i
13.6	5.1290+0.0328i	-1.4967+0.3382i	0.1117-0.0458i	-0.0198+0.1898i	-0.0292-0.0178i	0.0174+0.0150i	0.1871+0.1546i	-0.0193+0.0427i
13.7	5.1739+0.0295i	-1.5765+0.3919i	0.1099-0.0415i	-0.0208+0.2033i	-0.0324-0.0177i	0.0203+0.0151i	0.1900+0.1670i	-0.0221+0.0434i
13.8	5.2406-0.0024i	-1.6498+0.4661i	0.1202-0.0544i	-0.0198+0.2214i	-0.0366-0.0179i	0.0257+0.0118i	0.1983+0.1779i	-0.0297+0.0455i
13.9	5.3305+0.0110i	-1.7483+0.5155i	0.1353-0.0502i	-0.0196+0.2286i	-0.0366-0.0138i	0.0273+0.0062i	0.2017+0.1801i	-0.0311+0.0554i
14.0	5.4615+0.0366i	-1.8857+0.6088i	0.0948+0.0298i	-0.0257+0.2284i	-0.0378-0.0119i	0.0267+0.0017i	0.2023+0.1782i	-0.0309+0.0589i
14.1	5.5217+0.0417i	-1.9680+0.7351i	0.0388+0.1119i	-0.0229+0.2311i	-0.0366-0.0104i	0.0249-0.0006i	0.2080+0.1783i	-0.0254+0.0605i
14.2	5.6123+0.0214i	-2.0213+0.8618i	0.0247+0.1625i	-0.0209+0.2315i	-0.0364-0.0110i	0.0219-0.0015i	0.2126+0.1776i	-0.0212+0.0618i
14.3	5.6988+0.0446i	-2.0654+0.9954i	0.0881+0.2613i	-0.0142+0.2315i	-0.0362-0.0111i	0.0201-0.0029i	0.2185+0.1780i	-0.0181+0.0637i
14.4	5.7341+0.0496i	-2.1064+1.0883i	0.1493+0.3771i	-0.0142+0.2274i	-0.0386-0.0098i	0.0168-0.0032i	0.2199+0.1748i	-0.0183+0.0623i
14.5	5.8198+0.0926i	-2.1712+1.1845i	0.1886+0.4578i	-0.0168+0.2203i	-0.0384-0.0109i	0.0174-0.0036i	0.2220+0.1663i	-0.0172+0.0604i
14.6	5.9241+0.0478i	-2.3262+1.3521i	0.2338+0.5643i	-0.0405+0.2249i	-0.0344-0.0088i	0.0189-0.0008i	0.2107+0.1641i	-0.0165+0.0608i
14.7	6.0073+0.0452i	-2.3166+1.6052i	0.3494+0.7016i	-0.0504+0.2336i	-0.0358-0.0119i	0.0184-0.0009i	0.2044+0.1726i	-0.0188+0.0599i
14.8	6.0826+0.0921i	-2.2266+1.8488i	0.5657+0.8146i	-0.0427+0.2478i	-0.0389-0.0140i	0.0180-0.0031i	0.2119+0.1846i	-0.0177+0.0613i
14.9	6.1372+0.1028i	-1.9443+1.9939i	0.8998+0.9237i	-0.0235+0.2589i	-0.0448-0.0152i	0.0166-0.0064i	0.2303+0.1908i	-0.0141+0.0594i
15.0	6.2132+0.0935i	-1.7905+1.9763i	1.1468+0.9044i	-0.0084+0.2551i	-0.0448-0.0114i	0.0162-0.0047i	0.2479+0.1852i	-0.0103+0.0583i
15.1	6.2559+0.0761i	-1.6895+1.8023i	1.4380+0.7402i	0.0046+0.2345i	-0.0445-0.0084i	0.0164+0.0002i	0.2647+0.1698i	-0.0091+0.0554i
15.2	6.3497+0.1379i	-1.7825+1.4807i	1.5535+0.4380i	0.0028+0.2009i	-0.0462-0.0077i	0.0173-0.0007i	0.2699+0.1408i	-0.0097+0.0465i
15.3	6.4767+0.1675i	-2.0803+1.2587i	1.5342+0.1362i	-0.0171+0.1713i	-0.0478-0.0107i	0.0179-0.0022i	0.2593+0.1187i	-0.0166+0.0390i
15.4	6.5361+0.1924i	-2.5272+1.1852i	1.4766+0.0206i	-0.0402+0.1567i	-0.0521-0.0101i	0.0178-0.0014i	0.2476+0.1060i	-0.0256+0.0391i
15.5	6.6096+0.1975i	-2.9262+1.1731i	1.4700+0.0010i	-0.0602+0.1431i	-0.0546-0.0097i	0.0189-0.0014i	0.2407+0.0961i	-0.0321+0.0376i
15.6	6.7224+0.2426i	-3.5154+1.4929i	1.3609+0.1600i	-0.0854+0.1358i	-0.0582-0.0095i	0.0195-0.0014i	0.2311+0.0858i	-0.0417+0.0369i
15.7	6.8480+0.2477i	-4.2323+2.1247i	1.2796+0.5205i	-0.1247+0.1306i	-0.0642-0.0061i	0.0209-0.0028i	0.2103+0.0763i	-0.0531+0.0399i
15.8	6.9562+0.2627i	-4.5343+3.0036i	1.5759+1.0409i	-0.1614+0.1291i	-0.0687-0.0049i	0.0213-0.0073i	0.1915+0.0699i	-0.0649+0.0434i
15.9	7.0508+0.2719i	-4.6406+3.8547i	2.1631+1.4769i	-0.2041+0.1420i	-0.0734-0.0049i	0.0209-0.0082i	0.1725+0.0687i	-0.0764+0.0498i
16.0	7.1514+0.2523i	-4.4421+4.4029i	2.9245+1.4941i	-0.2308+0.1688i	-0.0768-0.0017i	0.0209-0.0070i	0.1623+0.0773i	-0.0854+0.0598i
16.1	7.2811+0.2463i	-4.0346+5.2438i	4.0586+1.1327i	-0.2518+0.2089i	-0.0830+0.0038i	0.0239-0.0091i	0.1521+0.0853i	-0.0897+0.0774i
16.2	7.3384+0.2883i	-3.6113+5.6240i	5.0701+0.5863i	-0.2691+0.2269i	-0.0902+0.0090i	0.0252-0.0125i	0.1445+0.0811i	-0.0953+0.0881i
16.3	7.4458+0.3341i	-3.6550+5.9445i	5.9524-0.2636i	-0.2986+0.2496i	-0.1019+0.0193i	0.0250-0.0156i	0.1302+0.0798i	-0.1067+0.1070i
16.4	7.5738+0.3412i	-3.8635+6.4943i	6.5107-1.3385i	-0.3234+0.2860i	-0.1077+0.0339i	0.0241-0.0180i	0.1168+0.0879i	-0.1130+0.1301i
16.5	7.6353+0.3130i	-3.9528+7.4979i	6.9869-2.8064i	-0.3360+0.3457i	-0.1099+0.0450i	0.0214-0.0212i	0.1084+0.1058i	-0.1121+0.1550i
16.6	7.7149+0.3228i	-3.3281+9.7079i	7.2314-5.0344i	-0.3124+0.4603i	-0.1177+0.0625i	0.0146-0.0264i	0.1161+0.1332i	-0.1007+0.2004i
16.7	7.7707+0.4149i	-1.9066+10.6711i	6.7195-6.7611i	-0.2526+0.4989i	-0.1214+0.0845i	0.0093-0.0271i	0.1296+0.1314i	-0.0762+0.2238i
16.8	7.8510+0.4899i	-0.5020+11.2072i	5.6334-8.7084i	-0.1894+0.5065i	-0.1240+0.1217i	0.0057-0.0284i	0.1365+0.1156i	-0.0514+0.2445i
16.9	8.0000+0.5979i	1.7183+12.1758i	2.8296-11.1177i	-0.1247+0.5211i	-0.0942+0.1773i	-0.0019-0.0289i	0.1213+0.0994i	0.0010+0.2753i
17.0	8.1680+0.6452i	4.2332+12.7521i	-0.1526-12.1685i	-0.0563+0.5308i	-0.0444+0.2087i	-0.0104-0.0296i	0.1116+0.0961i	0.0573+0.2932i
17.1	8.3727+0.6113i	7.1969+10.5333i	-3.3983-10.2494i	0.0314+0.4500i	0.0162+0.1876i	-0.0207-0.0224i	0.1064+0.0892i	0.1298+0.2499i
17.2	8.5845+0.6231i	8.1736+7.8290i	-4.9220-8.4444i	0.0365+0.3425i	0.0560+0.1675i	-0.0230-0.0087i	0.0850+0.0785i	0.1535+0.1917i
17.3	8.7138+0.6451i	8.2592+6.1757i	-5.8898-6.6677i	0.0130+0.2974i	0.0814+0.1392i	-0.0175-0.0016i	0.0632+0.0889i	0.1567+0.1522i
17.4	8.8680+0.6025i	8.1886+4.8638i	-6.1541-5.0073i	-0.0083+0.2595i	0.0939+0.1122i	-0.0163+0.0032i	0.0497+0.0948i	0.1567+0.1210i
17.5	9.0559+0.5483i	7.6846+3.5160i	-5.8264-3.4201i	-0.0552+0.2263i	0.0970+0.0829i	-0.0097+0.0080i	0.0401+0.1068i	0.1391+0.0879i
17.6	9.1562+0.5278i	7.1431+2.7305i	-5.3609-2.7552i	-0.0896+0.2139i	0.0952+0.0654i	-0.0039+0.0111i	0.0339+0.1147i	0.1233+0.0724i
17.7	9.3053+0.5279i	6.6915+2.2322i	-5.0019-2.2166i	-0.1158+0.2123i	0.0933+0.0530i	0.0005+0.0115i	0.0276+0.1235i	0.1071+0.0623i
17.8	9.4283+0.4795i	6.3038+1.7771i	-4.8100-1.7153i	-0.1417+0.2079i	0.0910+0.0411i	0.0039+0.0088i	0.0207+0.1337i	0.0894+0.0535i
17.9	9.5303+0.4091i	5.9022+1.4186i	-4.5161-1.4177i	-0.1741+0.2107i	0.0890+0.0324i	0.0057+0.0070i	0.0119+0.1427i	0.0765+0.0485i
18.0	9.7150+0.4263i	5.5116+1.0361i	-4.2040-1.0730i	-0.2054+0.2164i	0.0864+0.0192i	0.0057+0.0086i	-0.0020+0.1487i	0.0691+0.0459i
18.1	9.8244+0.4050i	5.1777+0.7861i	-3.9766-0.7933i	-0.2258+0.2252i	0.0835+0.0073i	0.0078+0.0088i	-0.0104+0.1575i	0.0638+0.0447i
18.2	9.8996+0.3865i	4.7745+0.6023i	-3.7878-0.4026i	-0.2486+0.2329i	0.0793-0.0029i	0.0127+0.0089i	-0.0155+0.1632i	0.0608+0.0457i

18.3	9.9718+0.3856i	4.4220+0.4866i	-3.5907-0.0770i	-0.2587+0.2300i	0.0726-0.0094i	0.0163+0.0067i	-0.0177+0.1615i	0.0550+0.0467i
18.4	10.0668+0.3444i	4.1295+0.5498i	-3.2527+0.0112i	-0.2772+0.2227i	0.0650-0.0096i	0.0166+0.0035i	-0.0281+0.1595i	0.0476+0.0434i
18.5	10.2385+0.3843i	4.0985+0.7562i	-2.9598+0.0506i	-0.3278+0.2109i	0.0666-0.0043i	0.0126-0.0011i	-0.0599+0.1524i	0.0364+0.0397i
18.6	10.4752+0.4154i	4.4223+0.7310i	-2.8543+0.0038i	-0.4195+0.2528i	0.0806-0.0067i	0.0028-0.0005i	-0.1222+0.1918i	0.0180+0.0446i
18.7	10.5847+0.3193i	4.3980+0.3154i	-2.8657+0.1096i	-0.4223+0.3205i	0.0822-0.0240i	0.0031+0.0064i	-0.1186+0.2452i	0.0182+0.0560i
18.8	10.6688+0.2140i	4.0789-0.0749i	-2.7482+0.3502i	-0.3966+0.3795i	0.0746-0.0417i	0.0091+0.0143i	-0.0916+0.2883i	0.0211+0.0650i
18.9	10.7103+0.1582i	3.8047-0.2488i	-2.5811+0.4482i	-0.3849+0.4050i	0.0662-0.0503i	0.0128+0.0163i	-0.0775+0.3061i	0.0239+0.0685i
19.0	10.7900+0.1598i	3.5952-0.4460i	-2.3914+0.5030i	-0.3777+0.4274i	0.0582-0.0608i	0.0181+0.0187i	-0.0645+0.3247i	0.0236+0.0730i
19.1	10.8634+0.0979i	3.3929-0.5006i	-2.1817+0.4928i	-0.3608+0.4399i	0.0512-0.0637i	0.0228+0.0186i	-0.0482+0.3327i	0.0247+0.0741i
19.2	10.9382+0.0982i	3.2057-0.4746i	-2.0481+0.5356i	-0.3444+0.4398i	0.0437-0.0634i	0.0267+0.0159i	-0.0309+0.3337i	0.0241+0.0757i
19.3	11.0544+0.1385i	3.0336-0.4704i	-2.0027+0.5113i	-0.3454+0.4468i	0.0399-0.0640i	0.0322+0.0103i	-0.0255+0.3393i	0.0203+0.0755i
19.4	11.1997+0.1524i	2.8798-0.5217i	-1.9431+0.5379i	-0.3557+0.4655i	0.0369-0.0690i	0.0397+0.0073i	-0.0291+0.3495i	0.0150+0.0808i
19.5	11.3044+0.0753i	2.7403-0.5274i	-1.9133+0.6499i	-0.3527+0.4834i	0.0297-0.0736i	0.0463+0.0018i	-0.0222+0.3611i	0.0146+0.0859i
19.6	11.3772+0.0906i	2.5934-0.5228i	-1.8321+0.6760i	-0.3395+0.5020i	0.0264-0.0780i	0.0492-0.0074i	-0.0138+0.3731i	0.0175+0.0896i
19.7	11.4574+0.0922i	2.4329-0.4917i	-1.7718+0.7310i	-0.3324+0.5168i	0.0194-0.0796i	0.0479-0.0175i	-0.0021+0.3806i	0.0162+0.0938i
19.8	11.5690+0.0768i	2.2971-0.4762i	-1.7369+0.8241i	-0.3278+0.5275i	0.0118-0.0814i	0.0483-0.0259i	0.0059+0.3866i	0.0166+0.0981i
19.9	11.6151+0.1216i	2.1838-0.4255i	-1.5332+0.8775i	-0.3000+0.5269i	0.0044-0.0844i	0.0379-0.0337i	0.0226+0.3939i	0.0225+0.1042i
20.0	11.7688+0.1084i	2.1126-0.3777i	-1.3303+0.9406i	-0.2926+0.5365i	-0.0006-0.0867i	0.0232-0.0442i	0.0347+0.4011i	0.0236+0.1088i
20.1	11.8448+0.1042i	2.0736-0.3423i	-1.2042+0.9688i	-0.2833+0.5529i	-0.0065-0.0866i	0.0130-0.0468i	0.0414+0.4049i	0.0264+0.1150i
20.2	11.9412+0.1055i	2.0371-0.3403i	-1.0874+0.9299i	-0.2652+0.5487i	-0.0137-0.0855i	0.0041-0.0388i	0.0581+0.4078i	0.0301+0.1170i
20.3	12.0240+0.1487i	1.9743-0.3357i	-0.9765+0.8180i	-0.2417+0.5364i	-0.0204-0.0826i	-0.0046-0.0270i	0.0778+0.4006i	0.0387+0.1173i
20.4	12.1693+0.1701i	1.9265-0.3018i	-0.8981+0.7465i	-0.2355+0.5263i	-0.0201-0.0813i	-0.0058-0.0236i	0.0803+0.3927i	0.0442+0.1177i
20.5	12.2140+0.2275i	1.8649-0.2770i	-0.8383+0.6953i	-0.2329+0.5193i	-0.0258-0.0795i	-0.0065-0.0150i	0.0871+0.3845i	0.0479+0.1175i
20.6	12.3105+0.2494i	1.8097-0.2433i	-0.8032+0.6319i	-0.2298+0.4971i	-0.0294-0.0766i	-0.0062-0.0085i	0.0911+0.3694i	0.0502+0.1139i
20.7	12.4342+0.2316i	1.7898-0.2197i	-0.7853+0.5930i	-0.2369+0.4863i	-0.0287-0.0769i	-0.0058-0.0052i	0.0849+0.3657i	0.0495+0.1136i
20.8	12.5689+0.2756i	1.7818-0.2228i	-0.7904+0.5488i	-0.2491+0.4744i	-0.0279-0.0749i	-0.0047+0.0013i	0.0784+0.3619i	0.0518+0.1123i
20.9	12.7218+0.3279i	1.7241-0.1979i	-0.8437+0.5210i	-0.2639+0.4819i	-0.0286-0.0774i	0.0045+0.0087i	0.0724+0.3605i	0.0521+0.1116i
21.0	12.8546+0.3061i	1.7012-0.1769i	-0.8510+0.5345i	-0.2803+0.4931i	-0.0278-0.0828i	0.0095+0.0099i	0.0642+0.3705i	0.0506+0.1149i
21.1	12.9493+0.2683i	1.6979-0.1780i	-0.8277+0.5476i	-0.2997+0.4994i	-0.0287-0.0909i	0.0105+0.0051i	0.0562+0.3785i	0.0457+0.1175i
21.2	13.1102+0.2234i	1.6965-0.1667i	-0.7938+0.5330i	-0.3124+0.5118i	-0.0308-0.0960i	0.0137+0.0001i	0.0468+0.3875i	0.0417+0.1202i
21.3	13.2912+0.2376i	1.6724-0.2112i	-0.7528+0.5327i	-0.3197+0.5326i	-0.0374-0.1041i	0.0278+0.0084i	0.0439+0.4100i	0.0440+0.1311i
21.4	13.4303+0.2396i	1.6218-0.2467i	-0.6822+0.5720i	-0.3008+0.5676i	-0.0526-0.1109i	0.0380+0.0096i	0.0613+0.4401i	0.0507+0.1472i
21.5	13.5279+0.2510i	1.5609-0.2540i	-0.6472+0.6124i	-0.2822+0.5830i	-0.0684-0.1141i	0.0471+0.0019i	0.0804+0.4516i	0.0582+0.1527i
21.6	13.5554+0.2097i	1.5018-0.2649i	-0.6565+0.5978i	-0.2675+0.5963i	-0.0787-0.1177i	0.0571-0.0045i	0.0959+0.4603i	0.0663+0.1570i
21.7	13.6665+0.2279i	1.4569-0.2380i	-0.6164+0.5568i	-0.2389+0.6157i	-0.0921-0.1170i	0.0580-0.0196i	0.1168+0.4732i	0.0749+0.1692i
21.8	13.7490+0.2520i	1.4159-0.2286i	-0.5058+0.5463i	-0.2147+0.6338i	-0.1057-0.1122i	0.0464-0.0313i	0.1411+0.4820i	0.0837+0.1772i
21.9	13.8080+0.2743i	1.3626-0.2121i	-0.4307+0.5509i	-0.1821+0.6302i	-0.1165-0.1077i	0.0508-0.0512i	0.1687+0.4804i	0.1006+0.1761i
22.0	13.8950+0.3069i	1.3267-0.1827i	-0.3604+0.5443i	-0.1388+0.6154i	-0.1319-0.0953i	0.0360-0.0654i	0.2004+0.4714i	0.1133+0.1776i
22.1	14.0609+0.2664i	1.2901-0.1741i	-0.3122+0.4748i	-0.1091+0.5922i	-0.1461-0.0863i	0.0254-0.0643i	0.2284+0.4527i	0.1291+0.1711i
22.2	14.1860+0.3158i	1.2732-0.1522i	-0.2421+0.4187i	-0.0951+0.5739i	-0.1531-0.0739i	-0.0063-0.0564i	0.2458+0.4380i	0.1330+0.1690i
22.3	14.2864+0.3755i	1.2537-0.1409i	-0.2010+0.3802i	-0.0801+0.5491i	-0.1598-0.0599i	-0.0242-0.0542i	0.2628+0.4217i	0.1421+0.1703i
22.4	14.3782+0.4030i	1.2167-0.1148i	-0.1985+0.3258i	-0.0550+0.5085i	-0.1593-0.0430i	-0.0314-0.0461i	0.2817+0.3891i	0.1621+0.1640i
22.5	14.4590+0.4543i	1.2088-0.0918i	-0.1725+0.2606i	-0.0455+0.4698i	-0.1611-0.0304i	-0.0428-0.0344i	0.2902+0.3608i	0.1722+0.1576i
22.6	14.5741+0.4832i	1.2173-0.0688i	-0.1343+0.2111i	-0.0509+0.4296i	-0.1615-0.0219i	-0.0548-0.0265i	0.2897+0.3271i	0.1721+0.1426i
22.7	14.7935+0.5695i	1.2040-0.0305i	-0.1681+0.1643i	-0.0629+0.3767i	-0.1581-0.0070i	-0.0510+0.0065i	0.2796+0.2907i	0.1782+0.1321i
22.8	14.9345+0.6498i	1.1916-0.0050i	-0.2188+0.1059i	-0.0769+0.3413i	-0.1511+0.0034i	-0.0424+0.0195i	0.2722+0.2625i	0.1863+0.1235i
22.9	15.0702+0.7022i	1.1970-0.0059i	-0.2644+0.0256i	-0.1080+0.3117i	-0.1422+0.0118i	-0.0208+0.0303i	0.2533+0.2404i	0.1861+0.1154i
23.0	15.2054+0.8156i	1.1962-0.0080i	-0.2682-0.0459i	-0.1424+0.3041i	-0.1352+0.0149i	-0.0048+0.0369i	0.2291+0.2306i	0.1830+0.1151i
23.1	15.3601+0.8269i	1.1656+0.0078i	-0.2853-0.0583i	-0.1513+0.2802i	-0.1307+0.0210i	0.0120+0.0398i	0.2227+0.2121i	0.1942+0.1025i
23.2	15.5268+0.8546i	1.1650+0.0275i	-0.3188-0.0451i	-0.1740+0.2597i	-0.1273+0.0240i	0.0301+0.0343i	0.2090+0.1939i	0.1876+0.0885i
23.3	15.7740+0.8262i	1.1661+0.0602i	-0.3524-0.0503i	-0.2092+0.2364i	-0.1214+0.0268i	0.0401+0.0214i	0.1868+0.1825i	0.1848+0.0803i
23.4	15.9749+0.8548i	1.1740+0.0699i	-0.3778-0.0460i	-0.2416+0.2222i	-0.1160+0.0293i	0.0497+0.0049i	0.1635+0.1734i	0.1845+0.0782i
23.5	16.0717+0.9342i	1.1774+0.1019i	-0.3838-0.0406i	-0.2727+0.2150i	-0.1113+0.0326i	0.0549-0.0079i	0.1447+0.1680i	0.1851+0.0785i
23.6	16.3231+1.0200i	1.1775+0.1157i	-0.4398-0.0310i	-0.3042+0.2034i	-0.1062+0.0319i	0.0553-0.0259i	0.1222+0.1599i	0.1840+0.0708i
23.7	16.5389+0.9911i	1.1820+0.1109i	-0.4631-0.0511i	-0.3425+0.2088i	-0.0989+0.0300i	0.0481-0.0433i	0.1003+0.1607i	0.1829+0.0653i
23.8	16.6000+0.9564i	1.1844+0.1226i	-0.4417-0.0179i	-0.3681+0.2112i	-0.0930+0.0314i	0.0381-0.0586i	0.0823+0.1610i	0.1825+0.0582i
23.9	16.8092+0.9945i	1.2037+0.1278i	-0.4514+0.0009i	-0.3920+0.2186i	-0.0891+0.0334i	0.0208-0.0713i	0.0667+0.1685i	0.1790+0.0574i
24.0	16.9663+1.0088i	1.2030+0.1206i	-0.4480+0.0104i	-0.4080+0.2260i	-0.0848+0.0279i	0.0027-0.0710i	0.0567+0.1786i	0.1742+0.0554i
24.1	17.1093+1.0005i	1.1956+0.1115i	-0.4567+0.0503i	-0.4277+0.2285i	-0.0798+0.0233i	-0.0132-0.0628i	0.0447+0.1813i	0.1726+0.0518i
24.2	17.2447+1.0367i	1.1823+0.1040i	-0.4918+0.0564i	-0.4405+0.2359i	-0.0802+0.0190i	-0.0194-0.0547i	0.0371+0.1838i	0.1696+0.0513i
24.3	17.4527+1.0058i	1.1794+0.1087i	-0.5189+0.0542i	-0.4510+0.2478i	-0.0835+0.0142i	-0.0223-0.0468i	0.0294+0.1865i	0.1668+0.0532i
24.4	17.5661+0.9364i	1.1815+0.1056i	-0.4680+0.0470i	-0.4753+0.2474i	-0.0800+0.0068i	-0.0360-0.0371i	0.0147+0.1797i	0.1661+0.0506i
24.5	17.7137+1.0338i	1.2027+0.1139i	-0.3979+0.0490i	-0.4896+0.2423i	-0.0826+0.0065i	-0.0359-0.0324i	0.0066+0.1772i	0.1660+0.0520i

24.6	17.9700+1.0811i	1.2078+0.1091i	-0.3986+0.0587i	-0.5149+0.2374i	-0.0859+0.0025i	-0.0311-0.0238i	-0.0070+0.1767i	0.1651+0.0539i
24.7	18.1909+1.0436i	1.2121+0.1011i	-0.4251+0.0799i	-0.5488+0.2350i	-0.0859-0.0026i	-0.0305-0.0167i	-0.0259+0.1763i	0.1653+0.0549i
24.8	18.3318+1.1092i	1.2196+0.0946i	-0.4470+0.0746i	-0.5675+0.2419i	-0.0847-0.0053i	-0.0284-0.0130i	-0.0443+0.1783i	0.1692+0.0581i
24.9	18.4110+1.1016i	1.2206+0.0964i	-0.4771+0.0324i	-0.5852+0.2489i	-0.0822-0.0055i	-0.0268-0.0126i	-0.0631+0.1855i	0.1686+0.0549i
25.0	18.5893+1.1463i	1.2322+0.0883i	-0.4748+0.0111i	-0.6179+0.2616i	-0.0841-0.0080i	-0.0257-0.0090i	-0.0838+0.1926i	0.1681+0.0549i
25.1	18.7475+1.1416i	1.2350+0.0686i	-0.4485+0.0203i	-0.6384+0.2787i	-0.0864-0.0139i	-0.0255-0.0071i	-0.0991+0.2045i	0.1678+0.0605i
25.2	18.9521+1.1632i	1.2137+0.0467i	-0.4512+0.0481i	-0.6580+0.3010i	-0.0874-0.0194i	-0.0235-0.0052i	-0.1101+0.2203i	0.1664+0.0647i
25.3	19.0674+1.1290i	1.2126+0.0266i	-0.4450+0.0554i	-0.6765+0.3115i	-0.0909-0.0236i	-0.0244-0.0033i	-0.1213+0.2277i	0.1625+0.0668i
25.4	19.3130+1.0972i	1.2001+0.0031i	-0.3773+0.0615i	-0.6800+0.3347i	-0.0988-0.0295i	-0.0225-0.0004i	-0.1233+0.2429i	0.1693+0.0777i
25.5	19.4720+1.0887i	1.2066+0.0047i	-0.3454+0.0949i	-0.6923+0.3460i	-0.1084-0.0337i	-0.0216-0.0027i	-0.1331+0.2482i	0.1784+0.0792i
25.6	19.6085+1.0971i	1.1713-0.0083i	-0.3403+0.0464i	-0.7008+0.3645i	-0.1231-0.0342i	-0.0170-0.0015i	-0.1466+0.2557i	0.1925+0.0851i
25.7	19.7331+1.1174i	1.1654-0.0347i	-0.2811+0.0086i	-0.7160+0.3709i	-0.1326-0.0347i	-0.0165-0.0022i	-0.1598+0.2640i	0.2044+0.0882i
25.8	19.8761+1.0915i	1.1417-0.0563i	-0.3048+0.0050i	-0.7257+0.3830i	-0.1346-0.0306i	-0.0191-0.0042i	-0.1712+0.2773i	0.2059+0.0833i
25.9	20.0677+1.0956i	1.1049-0.0661i	-0.3549-0.0044i	-0.7324+0.3991i	-0.1416-0.0329i	-0.0228-0.0015i	-0.1824+0.2902i	0.2136+0.0828i
26.0	20.1954+1.0682i	1.0759-0.0553i	-0.3323-0.0171i	-0.7421+0.4137i	-0.1519-0.0317i	-0.0234+0.0020i	-0.1903+0.3012i	0.2243+0.0819i
26.1	20.4473+1.0165i	1.0365-0.0582i	-0.3008-0.0228i	-0.7615+0.4241i	-0.1648-0.0229i	-0.0232+0.0061i	-0.2048+0.3194i	0.2382+0.0744i
26.2	20.6315+1.0498i	0.9945-0.0664i	-0.3470-0.0649i	-0.7687+0.4380i	-0.1748-0.0132i	-0.0205+0.0081i	-0.2155+0.3345i	0.2490+0.0648i
26.3	20.8135+1.0806i	0.9524-0.0585i	-0.3612-0.1312i	-0.7674+0.4534i	-0.1794-0.0041i	-0.0196+0.0146i	-0.2176+0.3595i	0.2555+0.0539i
26.4	20.9848+1.1591i	0.9075-0.0292i	-0.3768-0.1429i	-0.7720+0.4779i	-0.1870+0.0070i	-0.0171+0.0180i	-0.2180+0.3906i	0.2620+0.0425i
26.5	21.0393+1.1343i	0.8777-0.0140i	-0.4198-0.1464i	-0.7706+0.4926i	-0.1888+0.0185i	-0.0155+0.0204i	-0.2189+0.4123i	0.2640+0.0357i
26.6	21.2601+1.1449i	0.8522+0.0321i	-0.4763-0.1816i	-0.7584+0.5064i	-0.1841+0.0357i	-0.0068+0.0256i	-0.1949+0.4429i	0.2587+0.0238i
26.7	21.4402+1.1080i	0.8390+0.0839i	-0.5337-0.1251i	-0.7344+0.4995i	-0.1744+0.0365i	0.0039+0.0250i	-0.1606+0.4461i	0.2529+0.0205i
26.8	21.5782+1.1532i	0.8247+0.1276i	-0.5770-0.0844i	-0.7218+0.4915i	-0.1687+0.0374i	0.0128+0.0225i	-0.1330+0.4356i	0.2518+0.0227i
26.9	21.7594+1.2315i	0.8493+0.1462i	-0.5450-0.0243i	-0.7210+0.4895i	-0.1689+0.0337i	0.0170+0.0160i	-0.1224+0.4135i	0.2559+0.0203i
27.0	21.8308+1.2561i	0.8680+0.1763i	-0.5546+0.0580i	-0.7310+0.4648i	-0.1714+0.0337i	0.0196+0.0093i	-0.1314+0.3959i	0.2645+0.0201i
27.1	22.0004+1.3205i	0.8610+0.1818i	-0.5450+0.0650i	-0.7437+0.4492i	-0.1742+0.0355i	0.0171+0.0058i	-0.1421+0.3834i	0.2746+0.0138i
27.2	22.1714+1.3730i	0.8548+0.2030i	-0.5102+0.0677i	-0.7590+0.4395i	-0.1786+0.0366i	0.0168+0.0038i	-0.1510+0.3742i	0.2792+0.0075i
27.3	22.4138+1.3740i	0.8639+0.2370i	-0.5091+0.0737i	-0.7802+0.4328i	-0.1817+0.0399i	0.0178+0.0025i	-0.1653+0.3676i	0.2799-0.0029i
27.4	22.6557+1.3777i	0.8887+0.2588i	-0.5090+0.0856i	-0.8071+0.4253i	-0.1828+0.0411i	0.0201+0.0019i	-0.1838+0.3589i	0.2762-0.0076i
27.5	22.8971+1.3866i	0.8994+0.2685i	-0.4866+0.1168i	-0.8500+0.4173i	-0.1860+0.0410i	0.0265-0.0033i	-0.2126+0.3564i	0.2763-0.0080i
27.6	23.0093+1.3792i	0.8954+0.2815i	-0.4773+0.1175i	-0.8673+0.4312i	-0.1911+0.0420i	0.0336-0.0076i	-0.2314+0.3634i	0.2782-0.0127i
27.7	23.1442+1.4429i	0.9033+0.3273i	-0.4333+0.1240i	-0.8876+0.4459i	-0.1932+0.0498i	0.0430-0.0229i	-0.2491+0.3794i	0.2799-0.0191i
27.8	23.3801+1.3949i	0.9365+0.3426i	-0.4062+0.1461i	-0.9137+0.4429i	-0.1967+0.0546i	0.0380-0.0418i	-0.2616+0.3878i	0.2791-0.0206i
27.9	23.5781+1.4479i	0.9839+0.3557i	-0.3709+0.1620i	-0.9335+0.4506i	-0.1996+0.0588i	0.0254-0.0567i	-0.2821+0.3957i	0.2800-0.0226i
28.0	23.7406+1.4957i	1.0205+0.3748i	-0.3171+0.1834i	-0.9690+0.4722i	-0.2024+0.0620i	0.0086-0.0691i	-0.3114+0.4102i	0.2824-0.0234i
28.1	23.9774+1.4991i	1.0584+0.3694i	-0.2492+0.2102i	-1.0089+0.4987i	-0.2011+0.0611i	-0.0098-0.0722i	-0.3432+0.4363i	0.2846-0.0222i
28.2	24.1833+1.4393i	1.0746+0.3346i	-0.2085+0.1642i	-0.9968+0.5397i	-0.2101+0.0553i	-0.0280-0.0693i	-0.3353+0.4778i	0.2913-0.0149i
28.3	24.2970+1.3828i	1.0706+0.3366i	-0.1922+0.0779i	-0.9681+0.5443i	-0.2251+0.0607i	-0.0420-0.0652i	-0.3095+0.4902i	0.3069-0.0147i
28.4	24.4512+1.5017i	1.0915+0.3311i	-0.1619+0.0163i	-0.9802+0.5201i	-0.2322+0.0815i	-0.0599-0.0535i	-0.3129+0.4808i	0.3208-0.0291i
28.5	24.6155+1.5197i	1.1057+0.3018i	-0.1760-0.0050i	-1.0088+0.5232i	-0.2291+0.0887i	-0.0669-0.0363i	-0.3347+0.4769i	0.3262-0.0381i
28.6	24.8669+1.4641i	1.1172+0.2947i	-0.1773-0.0367i	-1.0466+0.5278i	-0.2321+0.0965i	-0.0700-0.0222i	-0.3569+0.4817i	0.3334-0.0431i
28.7	25.1287+1.4949i	1.1096+0.2724i	-0.1707-0.0778i	-1.0797+0.5414i	-0.2366+0.1064i	-0.0704-0.0108i	-0.3818+0.5009i	0.3415-0.0546i
28.8	25.2571+1.4536i	1.1015+0.2595i	-0.1917-0.0912i	-1.1031+0.5683i	-0.2400+0.1140i	-0.0699-0.0034i	-0.4018+0.5207i	0.3482-0.0679i
28.9	25.4727+1.3938i	1.0949+0.2366i	-0.1818-0.1539i	-1.1216+0.6046i	-0.2424+0.1244i	-0.0670+0.0093i	-0.4172+0.5523i	0.3551-0.0856i
29.0	25.7192+1.4711i	1.0864+0.2473i	-0.1574-0.1271i	-1.1480+0.6252i	-0.2430+0.1368i	-0.0591+0.0182i	-0.4311+0.5779i	0.3601-0.1020i
29.1	25.9264+1.5269i	1.0790+0.2471i	-0.1782-0.0972i	-1.1736+0.6517i	-0.2466+0.1518i	-0.0532+0.0267i	-0.4520+0.6116i	0.3676-0.1177i
29.2	26.0411+1.4773i	1.0766+0.2530i	-0.2054-0.1269i	-1.1888+0.6770i	-0.2422+0.1622i	-0.0493+0.0305i	-0.4580+0.6399i	0.3667-0.1303i
29.3	26.2699+1.4442i	1.0662+0.2644i	-0.2422-0.1709i	-1.2033+0.7119i	-0.2410+0.1787i	-0.0435+0.0332i	-0.4684+0.6839i	0.3679-0.1533i
29.4	26.5339+1.4835i	1.0635+0.2692i	-0.2829-0.1917i	-1.2141+0.7526i	-0.2391+0.1906i	-0.0374+0.0313i	-0.4701+0.7225i	0.3643-0.1707i
29.5	26.6892+1.4616i	1.0727+0.2766i	-0.2912-0.2102i	-1.2077+0.7873i	-0.2281+0.2011i	-0.0328+0.0312i	-0.4604+0.7623i	0.3532-0.1877i
29.6	26.8908+1.4281i	1.0658+0.2797i	-0.2857-0.2197i	-1.2067+0.8243i	-0.2142+0.2066i	-0.0284+0.0341i	-0.4526+0.8078i	0.3469-0.1987i
29.7	27.0347+1.4538i	1.0765+0.2906i	-0.2890-0.2096i	-1.2040+0.8637i	-0.2072+0.2133i	-0.0260+0.0372i	-0.4435+0.8388i	0.3456-0.2118i
29.8	27.2058+1.4663i	1.0907+0.2931i	-0.2959-0.2012i	-1.1909+0.9035i	-0.2010+0.2202i	-0.0219+0.0350i	-0.4160+0.8767i	0.3342-0.2283i
29.9	27.3885+1.3358i	1.1123+0.3048i	-0.3506-0.2142i	-1.1457+0.9561i	-0.1905+0.2317i	-0.0237+0.0330i	-0.3550+0.9271i	0.3165-0.2548i
30.0	27.5847+1.3226i	1.1109+0.2919i	-0.3739-0.2429i	-1.1397+0.9664i	-0.1790+0.2273i	-0.0094+0.0298i	-0.3478+0.9452i	0.3022-0.2546i
30.1	27.7506+1.4046i	1.1100+0.2971i	-0.3917-0.2698i	-1.1083+1.0131i	-0.1720+0.2325i	-0.0072+0.0289i	-0.3128+0.9796i	0.2869-0.2689i
30.2	27.9661+1.4248i	1.1275+0.3058i	-0.4138-0.2977i	-1.0659+1.0051i	-0.1640+0.2293i	-0.0127+0.0249i	-0.2571+0.9766i	0.2580-0.2745i
30.3	28.0330+1.5121i	1.1185+0.2998i	-0.4021-0.2819i	-1.0335+0.9747i	-0.1654+0.2246i	-0.0138+0.0188i	-0.2110+0.9545i	0.2336-0.2637i
30.4	28.1426+1.5209i	1.1227+0.2911i	-0.4061-0.2369i	-1.0314+0.9638i	-0.1712+0.2324i	-0.0152+0.0173i	-0.2082+0.9490i	0.2241-0.2571i
30.5	28.3365+1.4258i	1.1275+0.2971i	-0.4455-0.2329i	-1.0378+0.9859i	-0.1652+0.2542i	-0.0186+0.0198i	-0.2001+0.9747i	0.2213-0.2562i
30.6	28.5084+1.4212i	1.1340+0.3028i	-0.4602-0.2471i	-1.0098+1.0084i	-0.1405+0.2660i	-0.0183+0.0221i	-0.1548+0.9992i	0.2108-0.2573i
30.7	28.7154+1.4369i	1.1496+0.3050i	-0.4648-0.2577i	-0.9719+1.0127i	-0.1171+0.2645i	-0.0179+0.0221i	-0.1096+0.9970i	0.1989-0.2551i
30.8	28.7746+1.5113i	1.1676+0.2935i	-0.4855-0.2676i	-0.9316+0.9992i	-0.0977+0.2575i	-0.0169+0.0231i	-0.0577+0.9832i	0.1853-0.2484i

30.9	28.9720+1.6348i	1.1788+0.2806i	-0.5059-0.2600i	-0.9037+0.9699i	-0.0885+0.2403i	-0.0166+0.0247i	-0.0224+0.9521i	0.1790-0.2363i
31.0	29.1461+1.6945i	1.1832+0.2660i	-0.5174-0.2553i	-0.8867+0.9401i	-0.0816+0.2306i	-0.0170+0.0235i	0.0084+0.9176i	0.1730-0.2298i
31.1	29.3352+1.7257i	1.1937+0.2526i	-0.5259-0.2397i	-0.8858+0.9094i	-0.0760+0.2284i	-0.0235+0.0238i	0.0176+0.8874i	0.1691-0.2290i
31.2	29.5784+1.7506i	1.1965+0.2584i	-0.5568-0.2361i	-0.8817+0.8917i	-0.0700+0.2145i	-0.0271+0.0255i	0.0253+0.8578i	0.1640-0.2226i
31.3	29.7718+1.8779i	1.1939+0.2452i	-0.5798-0.2439i	-0.8772+0.8610i	-0.0655+0.1976i	-0.0255+0.0264i	0.0349+0.8259i	0.1597-0.2077i
31.4	30.0285+1.9485i	1.1945+0.2336i	-0.5757-0.2410i	-0.8785+0.8283i	-0.0647+0.1858i	-0.0297+0.0296i	0.0376+0.7946i	0.1571-0.1957i
31.5	30.2689+1.8876i	1.1866+0.2236i	-0.5680-0.2056i	-0.8942+0.7999i	-0.0718+0.1741i	-0.0349+0.0292i	0.0221+0.7587i	0.1641-0.1850i
31.6	30.4452+1.9356i	1.1999+0.2081i	-0.5924-0.1860i	-0.9058+0.7787i	-0.0793+0.1655i	-0.0468+0.0377i	0.0128+0.7277i	0.1709-0.1741i
31.7	30.5751+2.0026i	1.1921+0.1907i	-0.6057-0.2039i	-0.9179+0.7608i	-0.0824+0.1587i	-0.0545+0.0444i	0.0059+0.7052i	0.1755-0.1658i
31.8	30.8610+2.0240i	1.1834+0.1915i	-0.5803-0.1951i	-0.9502+0.7291i	-0.0934+0.1516i	-0.0518+0.0592i	-0.0163+0.6710i	0.1823-0.1590i
31.9	30.9898+2.1449i	1.1665+0.1946i	-0.5701-0.1948i	-0.9690+0.7036i	-0.0996+0.1504i	-0.0526+0.0726i	-0.0303+0.6460i	0.1894-0.1577i
32.0	31.2512+2.2374i	1.1562+0.1955i	-0.5745-0.1863i	-1.0045+0.6689i	-0.1075+0.1442i	-0.0521+0.0870i	-0.0626+0.6261i	0.1961-0.1563i
32.1	31.5572+2.3234i	1.1397+0.2024i	-0.5946-0.1603i	-1.0387+0.6431i	-0.1160+0.1387i	-0.0415+0.0943i	-0.0937+0.6051i	0.2046-0.1498i
32.2	31.7329+2.2601i	1.1423+0.2060i	-0.5947-0.1145i	-1.0527+0.6343i	-0.1200+0.1334i	-0.0335+0.0981i	-0.1119+0.5907i	0.2074-0.1430i
32.3	32.0076+2.2950i	1.1286+0.2103i	-0.6440-0.0848i	-1.0899+0.6069i	-0.1280+0.1294i	-0.0274+0.1180i	-0.1405+0.5745i	0.2134-0.1355i
32.4	32.2770+2.4367i	1.1259+0.2237i	-0.6425-0.0971i	-1.1112+0.5998i	-0.1345+0.1219i	-0.0118+0.1404i	-0.1604+0.5655i	0.2257-0.1288i
32.5	32.4881+2.4609i	1.1317+0.2232i	-0.6200-0.1004i	-1.1433+0.5784i	-0.1453+0.1182i	0.0150+0.1364i	-0.1884+0.5517i	0.2404-0.1229i
32.6	32.7172+2.5124i	1.1388+0.2355i	-0.6081-0.0865i	-1.1925+0.5490i	-0.1627+0.1134i	0.0321+0.1339i	-0.2296+0.5322i	0.2570-0.1175i
32.7	32.9774+2.5204i	1.1358+0.2494i	-0.6193-0.0485i	-1.2594+0.5385i	-0.1806+0.1124i	0.0453+0.1211i	-0.2782+0.5205i	0.2755-0.1180i
32.8	33.3263+2.5300i	1.1421+0.2611i	-0.6087-0.0649i	-1.3297+0.5324i	-0.1997+0.1162i	0.0556+0.1037i	-0.3368+0.5171i	0.2937-0.1216i
32.9	33.6160+2.5578i	1.1498+0.2704i	-0.5715-0.0725i	-1.3928+0.5240i	-0.2205+0.1207i	0.0587+0.0861i	-0.3956+0.5157i	0.3151-0.1243i
33.0	33.9109+2.7059i	1.1629+0.2773i	-0.5326-0.0321i	-1.4694+0.5187i	-0.2437+0.1187i	0.0483+0.0848i	-0.4706+0.5116i	0.3400-0.1133i
33.1	34.1986+2.7384i	1.1811+0.2860i	-0.4815-0.0188i	-1.5453+0.5497i	-0.2647+0.1262i	0.0440+0.0811i	-0.5398+0.5357i	0.3681-0.1146i
33.2	34.4646+2.7083i	1.2008+0.2772i	-0.4334-0.0177i	-1.6121+0.6009i	-0.2931+0.1420i	0.0469+0.1065i	-0.6032+0.5848i	0.4060-0.1307i
33.3	34.6790+2.6576i	1.2162+0.2765i	-0.4261-0.0147i	-1.6489+0.6571i	-0.3166+0.1685i	0.0636+0.1265i	-0.6446+0.6490i	0.4394-0.1597i
33.4	34.9115+2.5089i	1.2299+0.2729i	-0.4390-0.0355i	-1.6834+0.7147i	-0.3324+0.2014i	0.0827+0.1278i	-0.6764+0.7261i	0.4654-0.1999i
33.5	35.1789+2.5209i	1.2360+0.2570i	-0.4613-0.1032i	-1.7216+0.7793i	-0.3456+0.2486i	0.1076+0.1071i	-0.7036+0.8024i	0.4868-0.2526i
33.6	35.4610+2.5186i	1.2381+0.2534i	-0.4502-0.1526i	-1.7458+0.8387i	-0.3501+0.2920i	0.1231+0.1023i	-0.7128+0.8701i	0.4923-0.3044i
33.7	35.7119+2.4241i	1.2521+0.2376i	-0.4366-0.1921i	-1.7486+0.8888i	-0.3273+0.3397i	0.1369+0.0851i	-0.6960+0.9355i	0.4758-0.3517i
33.8	35.8206+2.4586i	1.2627+0.2074i	-0.4473-0.1953i	-1.7301+0.9172i	-0.2731+0.3597i	0.1315+0.0601i	-0.6678+0.9695i	0.4407-0.3837i
33.9	36.1319+2.5239i	1.2489+0.1834i	-0.4964-0.2067i	-1.7283+0.9269i	-0.2326+0.3348i	0.1150+0.0361i	-0.6542+0.9860i	0.4118-0.3887i
34.0	36.4490+2.4933i	1.2332+0.1807i	-0.5440-0.2335i	-1.7429+0.9416i	-0.2339+0.3188i	0.0932+0.0327i	-0.6445+1.0166i	0.4002-0.3960i
34.1	36.5674+2.5020i	1.2249+0.1867i	-0.5607-0.2495i	-1.7495+0.9680i	-0.2437+0.3168i	0.0836+0.0361i	-0.6358+1.0456i	0.3957-0.4063i
34.2	36.7289+2.5052i	1.2187+0.2075i	-0.5594-0.2219i	-1.7478+0.9892i	-0.2486+0.3178i	0.0793+0.0480i	-0.6206+1.0569i	0.3823-0.4100i
34.3	36.8344+2.4897i	1.2322+0.2094i	-0.5934-0.1935i	-1.7350+0.9953i	-0.2489+0.3188i	0.0775+0.0588i	-0.6084+1.0607i	0.3712-0.4120i
34.4	37.2825+2.6055i	1.2290+0.2103i	-0.6300-0.2075i	-1.7764+0.9901i	-0.2631+0.3205i	0.0701+0.0661i	-0.6186+1.0672i	0.3792-0.4160i
34.5	37.5563+2.6807i	1.2151+0.2120i	-0.6043-0.1762i	-1.8051+0.9777i	-0.2712+0.3182i	0.0796+0.0688i	-0.6405+1.0646i	0.3874-0.4134i
34.6	37.7397+2.7247i	1.2281+0.2084i	-0.5957-0.1543i	-1.8402+0.9854i	-0.2813+0.3307i	0.0853+0.0785i	-0.6642+1.0717i	0.3940-0.4240i
34.7	38.0520+2.7292i	1.2365+0.2080i	-0.5834-0.1516i	-1.8863+1.0013i	-0.2917+0.3407i	0.0957+0.0848i	-0.6859+1.0938i	0.4004-0.4333i
34.8	38.3657+2.6906i	1.2433+0.2089i	-0.5691-0.1585i	-1.9300+1.0314i	-0.3031+0.3526i	0.1071+0.0820i	-0.7174+1.1246i	0.4139-0.4467i
34.9	38.7132+2.6179i	1.2451+0.2055i	-0.5571-0.1668i	-1.9821+1.0841i	-0.3201+0.3731i	0.1120+0.0867i	-0.7543+1.1681i	0.4338-0.4698i
35.0	38.8956+2.5685i	1.2372+0.2040i	-0.5700-0.1401i	-2.0048+1.1083i	-0.3320+0.3919i	0.1172+0.0920i	-0.7738+1.2092i	0.4443-0.4914i
35.1	39.0710+2.5835i	1.2304+0.1997i	-0.6302-0.1358i	-2.0429+1.1473i	-0.3392+0.4182i	0.1305+0.0945i	-0.7909+1.2539i	0.4568-0.5204i
35.2	39.4370+2.6195i	1.2593+0.1997i	-0.5968-0.1565i	-2.0704+1.1850i	-0.3526+0.4290i	0.1440+0.0973i	-0.8048+1.2902i	0.4738-0.5365i
35.3	39.7000+2.6596i	1.2707+0.1960i	-0.5861-0.1389i	-2.0972+1.2178i	-0.3598+0.4469i	0.1561+0.1019i	-0.8217+1.3348i	0.4788-0.5677i
35.4	39.9554+2.5792i	1.2699+0.2036i	-0.5977-0.1396i	-2.1302+1.2780i	-0.3721+0.4741i	0.1709+0.1084i	-0.8391+1.3939i	0.4913-0.6101i
35.5	40.2349+2.6271i	1.2760+0.2000i	-0.5892-0.1357i	-2.1497+1.3306i	-0.3750+0.5097i	0.1897+0.1088i	-0.8451+1.4543i	0.4897-0.6598i
35.6	40.3906+2.6040i	1.2971+0.1813i	-0.6167-0.1439i	-2.1804+1.3663i	-0.3744+0.5426i	0.2033+0.1040i	-0.8489+1.5039i	0.4780-0.7029i
35.7	40.6443+2.4760i	1.3037+0.1829i	-0.6463-0.1592i	-2.2106+1.4229i	-0.3705+0.5747i	0.2263+0.0978i	-0.8512+1.5618i	0.4656-0.7473i
35.8	40.9089+2.5546i	1.2980+0.1787i	-0.6395-0.1474i	-2.2524+1.4821i	-0.3669+0.6135i	0.2495+0.0971i	-0.8627+1.6226i	0.4451-0.8015i
35.9	41.2610+2.4177i	1.3110+0.1695i	-0.6550-0.1346i	-2.2516+1.5677i	-0.3591+0.6397i	0.2716+0.0921i	-0.8528+1.7070i	0.4176-0.8372i
36.0	41.5919+2.4132i	1.3214+0.1670i	-0.6460-0.1503i	-2.2689+1.6324i	-0.3467+0.6874i	0.3004+0.0770i	-0.8272+1.7905i	0.3839-0.8885i
36.1	41.7975+2.4209i	1.3335+0.1470i	-0.6114-0.1166i	-2.2746+1.7023i	-0.3313+0.7236i	0.3204+0.0618i	-0.8011+1.8534i	0.3480-0.9297i
36.2	41.8830+2.3320i	1.3309+0.1363i	-0.6423-0.0918i	-2.2526+1.7796i	-0.3095+0.7475i	0.3435+0.0389i	-0.7606+1.9107i	0.3050-0.9464i
36.3	42.2212+2.2680i	1.3224+0.1341i	-0.6771-0.1144i	-2.2456+1.8436i	-0.2879+0.7768i	0.3648+0.0162i	-0.7278+1.9705i	0.2683-0.9712i
36.4	42.4902+2.2094i	1.3237+0.1140i	-0.6659-0.1241i	-2.2505+1.9087i	-0.2729+0.8057i	0.3808-0.0075i	-0.7035+2.0333i	0.2394-0.9949i
36.5	42.7612+2.2547i	1.3382+0.1092i	-0.6495-0.1124i	-2.2265+2.0030i	-0.2348+0.8394i	0.4014-0.0524i	-0.6338+2.1018i	0.1843-1.0066i
36.6	42.9441+2.2167i	1.3318+0.1061i	-0.6408-0.1106i	-2.1880+2.0507i	-0.2095+0.8551i	0.4117-0.0775i	-0.5709+2.1374i	0.1471-1.0151i
36.7	43.1530+2.1932i	1.3192+0.0958i	-0.6310-0.0633i	-2.1378+2.0974i	-0.1670+0.8678i	0.4287-0.1157i	-0.4969+2.1658i	0.0886-1.0171i
36.8	43.2917+2.1638i	1.3174+0.0940i	-0.6608-0.0600i	-2.1289+2.1365i	-0.1510+0.8781i	0.4304-0.1525i	-0.4473+2.1832i	0.0633-1.0125i
36.9	43.4122+2.1421i	1.3281+0.0801i	-0.6661-0.0763i	-2.0572+2.1735i	-0.1343+0.8938i	0.4305-0.1982i	-0.3759+2.2043i	0.0362-1.0157i
37.0	43.5793+2.1283i	1.3257+0.0649i	-0.6639-0.0638i	-2.0006+2.1568i	-0.1065+0.8918i	0.4234-0.2326i	-0.3293+2.1797i	0.0065-0.9989i
37.1	43.9106+2.2224i	1.3156+0.0483i	-0.6933-0.0629i	-2.0134+2.1815i	-0.1136+0.9051i	0.4297-0.2779i	-0.3274+2.1931i	0.0095-0.9894i

37.2	44.2044+2.1850i	1.3130+0.0347i	-0.7013-0.0646i	-2.0054+2.2365i	-0.1158+0.9372i	0.4388-0.3221i	-0.3085+2.2331i	0.0069-1.0097i
37.3	44.5160+2.2438i	1.3210+0.0252i	-0.7097-0.0613i	-1.9699+2.2666i	-0.1114+0.9679i	0.4443-0.3731i	-0.2682+2.2524i	0.0008-1.0239i
37.4	44.6668+2.3037i	1.3242+0.0204i	-0.6888-0.0801i	-1.9206+2.2923i	-0.0901+0.9977i	0.4293-0.4158i	-0.2197+2.2616i	-0.0245-1.0399i
37.5	44.8477+2.2405i	1.3086+0.0001i	-0.6617-0.0781i	-1.9138+2.3349i	-0.0462+1.0499i	0.3873-0.4778i	-0.1801+2.2939i	-0.0723-1.0702i
37.6	45.1410+2.1850i	1.3014-0.0110i	-0.6596-0.0282i	-1.9160+2.3667i	-0.0060+1.0957i	0.3531-0.5558i	-0.1506+2.3293i	-0.1116-1.0862i
37.7	45.3152+2.1194i	1.2943-0.0099i	-0.6633-0.0037i	-1.8871+2.4154i	0.0288+1.1282i	0.3087-0.6075i	-0.1109+2.3620i	-0.1351-1.0918i
37.8	45.4816+2.0500i	1.2935-0.0236i	-0.6638+0.0002i	-1.8261+2.4597i	0.0697+1.1695i	0.2383-0.6641i	-0.0474+2.3901i	-0.1552-1.1133i
37.9	45.6135+2.1260i	1.2723-0.0401i	-0.6655+0.0075i	-1.7338+2.4801i	0.1332+1.2072i	0.1612-0.7248i	0.0381+2.4070i	-0.1992-1.1229i
38.0	45.8276+2.1165i	1.2530-0.0453i	-0.6506+0.0250i	-1.6796+2.4932i	0.2050+1.2368i	0.0681-0.7598i	0.1160+2.4117i	-0.2390-1.1274i
38.1	46.0319+2.1587i	1.2279-0.0446i	-0.6598+0.0237i	-1.6158+2.4529i	0.2971+1.2436i	-0.0742-0.7387i	0.1915+2.3633i	-0.2826-1.1346i
38.2	46.1819+2.2830i	1.2267-0.0490i	-0.6356+0.0194i	-1.5916+2.4027i	0.3282+1.2283i	-0.1398-0.6983i	0.2194+2.3131i	-0.2810-1.1339i
38.3	46.3883+2.4271i	1.2282-0.0506i	-0.6276+0.0455i	-1.6049+2.3548i	0.3711+1.2141i	-0.2067-0.6608i	0.2186+2.2512i	-0.2971-1.1411i
38.4	46.9054+2.5221i	1.2104-0.0411i	-0.6283+0.0456i	-1.6599+2.3558i	0.4193+1.2248i	-0.3045-0.6192i	0.2015+2.2482i	-0.3049-1.1759i
38.5	47.2044+2.3597i	1.1910-0.0513i	-0.6032+0.0740i	-1.6964+2.4166i	0.4782+1.2516i	-0.3622-0.5424i	0.1997+2.2913i	-0.3486-1.2278i
38.6	47.3498+2.2961i	1.1705-0.0690i	-0.6258+0.0694i	-1.6918+2.4693i	0.5333+1.2566i	-0.4074-0.4704i	0.2155+2.3280i	-0.3829-1.2632i
38.7	47.5960+2.4090i	1.1649-0.0798i	-0.6164+0.0628i	-1.6762+2.4891i	0.5871+1.2833i	-0.4445-0.4003i	0.2498+2.3518i	-0.4128-1.3409i
38.8	47.8730+2.2816i	1.1422-0.0794i	-0.5611+0.0913i	-1.6386+2.5245i	0.6858+1.2854i	-0.4596-0.3053i	0.3151+2.3634i	-0.5219-1.3994i
38.9	48.1124+2.3579i	1.1237-0.0671i	-0.5522+0.1092i	-1.5984+2.5675i	0.7548+1.2702i	-0.4536-0.2332i	0.3762+2.3769i	-0.6054-1.4188i
39.0	48.3911+2.4713i	1.0842-0.0699i	-0.5704+0.1083i	-1.5507+2.5933i	0.8395+1.2534i	-0.4368-0.1584i	0.4424+2.3896i	-0.7237-1.4338i
39.1	48.5827+2.4882i	1.0661-0.0457i	-0.5551+0.0875i	-1.5001+2.5947i	0.9362+1.1955i	-0.3780-0.0904i	0.4985+2.3538i	-0.8758-1.3984i
39.2	48.8147+2.3990i	1.0470-0.0287i	-0.5229+0.0746i	-1.4809+2.5916i	1.0329+1.1374i	-0.3126-0.0469i	0.5378+2.3189i	-1.0309-1.3396i
39.3	49.0327+2.5707i	1.0210-0.0233i	-0.5001+0.0561i	-1.4625+2.6145i	1.1085+1.1169i	-0.2756-0.0215i	0.5714+2.3197i	-1.1384-1.3298i
39.4	49.2589+2.5319i	1.0180-0.0003i	-0.4757+0.0811i	-1.3910+2.6359i	1.1732+1.0363i	-0.2176-0.0142i	0.6159+2.3047i	-1.2522-1.2402i
39.5	49.3998+2.4526i	0.9915+0.0281i	-0.4717+0.0642i	-1.3236+2.6694i	1.2440+0.9550i	-0.1599-0.0052i	0.6691+2.2837i	-1.3521-1.1199i
39.6	49.7126+2.3698i	0.9725+0.0391i	-0.4097+0.0116i	-1.3035+2.6711i	1.3139+0.8792i	-0.1250-0.0111i	0.7089+2.2546i	-1.4458-1.0209i
39.7	49.8416+2.5199i	0.9581+0.0487i	-0.3534-0.0089i	-1.2764+2.6185i	1.3620+0.8033i	-0.0967-0.0329i	0.7439+2.1932i	-1.5131-0.9214i
39.8	50.0562+2.7584i	0.9596+0.0860i	-0.3678+0.0136i	-1.2589+2.5857i	1.3730+0.6906i	-0.0936-0.0528i	0.7438+2.1308i	-1.4988-0.7600i
39.9	50.3057+2.7709i	0.9706+0.1399i	-0.4146-0.0066i	-1.2332+2.5725i	1.3798+0.5964i	-0.0787-0.0596i	0.7455+2.1130i	-1.4902-0.6491i
40.0	50.6952+2.6997i	0.9703+0.1844i	-0.4463-0.0771i	-1.2030+2.5573i	1.3853+0.4954i	-0.0504-0.0696i	0.7510+2.0862i	-1.5004-0.5400i
40.1	50.9177+2.7525i	0.9778+0.2032i	-0.4212-0.1325i	-1.1892+2.5592i	1.3709+0.4052i	-0.0314-0.0935i	0.7467+2.0545i	-1.4877-0.4367i
40.2	51.1707+2.7093i	0.9930+0.2309i	-0.4025-0.1456i	-1.1818+2.5786i	1.3254+0.3122i	-0.0252-0.1244i	0.7534+2.0409i	-1.4399-0.3324i
40.3	51.4110+2.7531i	0.9983+0.2302i	-0.3656-0.1871i	-1.1805+2.5765i	1.3056+0.2744i	-0.0202-0.1386i	0.7524+2.0338i	-1.4278-0.2818i
40.4	51.5769+2.8842i	1.0138+0.2324i	-0.3055-0.1832i	-1.1678+2.5536i	1.2915+0.2507i	-0.0202-0.1585i	0.7515+2.0252i	-1.4149-0.2345i
40.5	51.9041+2.9547i	1.0180+0.2547i	-0.3907-0.1203i	-1.1287+2.5394i	1.2673+0.2034i	-0.0273-0.1805i	0.7544+2.0004i	-1.3634-0.1648i
40.6	52.1611+3.1196i	1.0235+0.2654i	-0.4396-0.1804i	-1.1064+2.5207i	1.2540+0.1582i	-0.0264-0.1974i	0.7725+1.9870i	-1.3351-0.1114i
40.7	52.4431+3.2253i	1.0176+0.2897i	-0.4075-0.2480i	-1.1094+2.4807i	1.2502+0.1230i	-0.0282-0.2096i	0.7702+1.9675i	-1.3168-0.0671i
40.8	52.7837+3.1419i	1.0359+0.3022i	-0.3839-0.2477i	-1.0995+2.4715i	1.2284+0.0754i	-0.0400-0.2282i	0.7672+1.9439i	-1.2746-0.0091i
40.9	52.9225+3.1295i	1.0592+0.3234i	-0.4440-0.2071i	-1.0682+2.4304i	1.1973+0.0322i	-0.0537-0.2434i	0.7621+1.9123i	-1.2158+0.0345i
41.0	53.1897+3.1660i	1.0655+0.3340i	-0.4651-0.2496i	-1.0960+2.4192i	1.1848-0.0078i	-0.0654-0.2574i	0.7541+1.9083i	-1.1837+0.0663i
41.1	53.5492+3.4344i	1.0847+0.3369i	-0.4439-0.3019i	-1.0952+2.4012i	1.1431-0.0433i	-0.0943-0.2833i	0.7415+1.8974i	-1.1351+0.0752i
41.2	53.8732+3.5173i	1.0889+0.3497i	-0.4489-0.3044i	-1.1189+2.3894i	1.1193-0.0660i	-0.1187-0.2915i	0.7201+1.8889i	-1.1221+0.0708i
41.3	54.0268+3.4735i	1.1235+0.3744i	-0.4699-0.3059i	-1.0832+2.3865i	1.0735-0.0997i	-0.1544-0.2877i	0.7362+1.8995i	-1.0924+0.1230i
41.4	54.3449+3.6498i	1.1563+0.3689i	-0.5044-0.3003i	-1.0570+2.3169i	1.0440-0.1107i	-0.1719-0.2663i	0.7518+1.8511i	-1.0319+0.1676i
41.5	54.7545+3.7236i	1.1535+0.3574i	-0.5484-0.3327i	-1.1271+2.3024i	1.0292-0.1407i	-0.1732-0.2775i	0.6977+1.8573i	-0.9813+0.1723i
41.6	54.9214+3.8626i	1.1679+0.3697i	-0.5557-0.3656i	-1.1359+2.2934i	0.9947-0.1453i	-0.1876-0.2785i	0.6860+1.8647i	-0.9386+0.1548i
41.7	55.3119+3.8162i	1.1753+0.3660i	-0.5302-0.3665i	-1.1638+2.2745i	0.9803-0.1533i	-0.2032-0.2726i	0.6627+1.8556i	-0.9143+0.1253i
41.8	55.5116+3.7419i	1.1881+0.3725i	-0.5624-0.3161i	-1.1683+2.2806i	0.9485-0.1642i	-0.2333-0.2711i	0.6695+1.8588i	-0.9056+0.1155i
41.9	55.9819+3.9097i	1.1900+0.3730i	-0.5994-0.2951i	-1.1851+2.2150i	0.9434-0.1301i	-0.2444-0.2535i	0.6627+1.8008i	-0.8725+0.0870i
42.0	56.4404+4.0869i	1.1959+0.3698i	-0.5471-0.3301i	-1.3183+2.2018i	0.9784-0.1414i	-0.2584-0.2521i	0.5599+1.8012i	-0.8968+0.0571i
42.1	56.6778+4.0498i	1.1982+0.3715i	-0.5493-0.3358i	-1.3457+2.2525i	0.9743-0.1791i	-0.2761-0.2347i	0.5252+1.8541i	-0.8990+0.0744i
42.2	57.1144+4.0003i	1.1967+0.3893i	-0.5964-0.3603i	-1.3393+2.2930i	0.9577-0.2172i	-0.2966-0.2161i	0.5188+1.9046i	-0.8954+0.0473i
42.3	57.4096+4.0138i	1.1996+0.3954i	-0.5865-0.3834i	-1.3812+2.2697i	0.9617-0.2262i	-0.2956-0.1900i	0.4906+1.9031i	-0.9585+0.0164i
42.4	57.8306+3.9842i	1.1943+0.4205i	-0.5618-0.3962i	-1.4937+2.3234i	0.9547-0.2730i	-0.2821-0.1885i	0.4182+1.9825i	-1.0149+0.0770i
42.5	58.0399+3.9344i	1.2127+0.4497i	-0.5540-0.3885i	-1.5078+2.4540i	0.9294-0.3113i	-0.2924-0.1907i	0.4401+2.0841i	-1.0238+0.1120i
42.6	58.3057+4.0566i	1.2351+0.4547i	-0.5598-0.3872i	-1.4645+2.5070i	0.8996-0.3346i	-0.3038-0.1750i	0.4901+2.1194i	-1.0598+0.1531i
42.7	58.5941+3.9436i	1.2711+0.4580i	-0.6217-0.3918i	-1.3939+2.5672i	0.8365-0.3529i	-0.3040-0.1521i	0.5669+2.1502i	-1.0225+0.2329i
42.8	58.6735+4.0204i	1.3012+0.4515i	-0.6923-0.3751i	-1.3220+2.4761i	0.8062-0.3031i	-0.2919-0.1444i	0.6197+2.0697i	-0.9806+0.1886i
42.9	59.1524+4.1766i	1.2736+0.4463i	-0.6909-0.3785i	-1.4888+2.4255i	0.8612-0.3086i	-0.2918-0.1468i	0.4976+2.0531i	-1.0792+0.2134i
43.0	59.8314+4.0421i	1.2621+0.4891i	-0.6591-0.3799i	-1.6140+2.5675i	0.8725-0.3820i	-0.2925-0.1310i	0.4212+2.1749i	-1.1137+0.3336i
43.1	60.0523+3.8719i	1.3143+0.5400i	-0.6430-0.4082i	-1.5822+2.7325i	0.8195-0.4395i	-0.2778-0.1236i	0.4678+2.2899i	-1.0763+0.4149i
43.2	60.1608+3.7815i	1.3497+0.5609i	-0.6197-0.4412i	-1.5075+2.8138i	0.7555-0.4467i	-0.2710-0.1305i	0.5431+2.3440i	-1.0395+0.4412i
43.3	60.3243+3.8303i	1.4111+0.5484i	-0.6536-0.4416i	-1.3566+2.8267i	0.7026-0.4137i	-0.2846-0.1328i	0.6402+2.3269i	-1.0184+0.5649i
43.4	60.7490+3.8990i	1.4101+0.5043i	-0.7019-0.4491i	-1.3512+2.7675i	0.7158-0.3731i	-0.2666-0.1323i	0.6217+2.2725i	-0.8920+0.5293i

43.5	61.1824+4.0178i	1.3813+0.4963i	-0.7060-0.4575i	-1.4691+2.7546i	0.7684-0.3859i	-0.2486-0.1486i	0.5234+2.2827i	-0.9305+0.4795i
43.6	61.6426+3.9043i	1.3711+0.5439i	-0.7205-0.4611i	-1.6062+2.8975i	0.7876-0.4562i	-0.2527-0.1851i	0.4314+2.4269i	-0.9953+0.5400i
43.7	61.8344+3.7685i	1.4401+0.5958i	-0.7175-0.4995i	-1.5507+3.1167i	0.7270-0.5233i	-0.2922-0.2166i	0.4896+2.6161i	-0.9780+0.6839i
43.8	61.9178+3.6137i	1.4936+0.5965i	-0.7286-0.5205i	-1.4172+3.2448i	0.6774-0.5335i	-0.3232-0.2198i	0.5870+2.7024i	-0.8971+0.7777i
43.9	61.9965+3.6129i	1.5377+0.5718i	-0.7761-0.5264i	-1.2308+3.2691i	0.6316-0.5171i	-0.3435-0.2036i	0.7171+2.7318i	-0.7532+0.7872i
44.0	62.1946+3.6933i	1.5745+0.5410i	-0.8356-0.4951i	-1.0386+3.2699i	0.5881-0.5000i	-0.3737-0.1922i	0.8609+2.7419i	-0.6342+0.7178i
44.1	62.3550+3.8244i	1.5952+0.5259i	-0.8336-0.4614i	-0.9597+3.1993i	0.5869-0.4802i	-0.3778-0.1773i	0.9146+2.6998i	-0.6207+0.6837i
44.2	62.5755+3.9875i	1.5904+0.5234i	-0.8362-0.4547i	-0.9892+3.2122i	0.5998-0.5095i	-0.3720-0.2012i	0.9091+2.7584i	-0.6239+0.6647i
44.3	62.8288+4.0312i	1.6478+0.5340i	-0.8826-0.4084i	-0.8321+3.2553i	0.5322-0.5257i	-0.4223-0.2114i	1.0903+2.8098i	-0.5909+0.6536i
44.4	62.9269+4.0943i	1.6914+0.5023i	-0.8855-0.4082i	-0.7169+3.1744i	0.5029-0.4962i	-0.4609-0.1931i	1.1953+2.7383i	-0.6089+0.6264i
44.5	63.2820+4.0317i	1.7337+0.4510i	-0.8856-0.4246i	-0.6691+3.1094i	0.5006-0.4780i	-0.4918-0.1679i	1.2469+2.6843i	-0.6172+0.6900i
44.6	63.4222+4.2663i	1.7475+0.4281i	-0.9206-0.4105i	-0.5890+3.0349i	0.4915-0.4700i	-0.5109-0.1469i	1.2951+2.6441i	-0.5651+0.7339i
44.7	63.5605+4.5058i	1.7393+0.3766i	-0.9217-0.4299i	-0.5505+2.9313i	0.4847-0.4570i	-0.5232-0.1105i	1.3168+2.5790i	-0.5205+0.7189i
44.8	63.9221+4.7187i	1.7672+0.3366i	-0.8897-0.4541i	-0.5175+2.8558i	0.4705-0.4469i	-0.5249-0.0795i	1.3656+2.5387i	-0.4285+0.7245i
44.9	64.2428+4.8895i	1.7579+0.2796i	-0.8891-0.4837i	-0.5412+2.7714i	0.4837-0.4349i	-0.5278-0.0654i	1.3606+2.4795i	-0.3755+0.6470i
45.0	64.6736+4.9975i	1.7163+0.3095i	-0.8725-0.4515i	-0.6385+2.7204i	0.5038-0.4457i	-0.5383-0.0569i	1.3146+2.4758i	-0.4609+0.6290i
45.1	65.1393+5.1503i	1.7312+0.3436i	-0.8973-0.3842i	-0.6217+2.6949i	0.4886-0.4458i	-0.5355-0.0363i	1.3537+2.4568i	-0.4295+0.6412i
45.2	65.3163+5.2742i	1.7257+0.3179i	-0.9293-0.3721i	-0.6318+2.6698i	0.5053-0.4522i	-0.5426-0.0431i	1.3367+2.4528i	-0.4393+0.6198i
45.3	65.5915+5.2330i	1.7214+0.3164i	-0.9084-0.3681i	-0.6077+2.7105i	0.4892-0.4948i	-0.5829-0.0512i	1.3712+2.5069i	-0.4434+0.6965i
45.4	65.9369+5.3112i	1.7805+0.2971i	-0.8731-0.3547i	-0.5594+2.7045i	0.4586-0.5137i	-0.6405-0.0018i	1.4560+2.5128i	-0.3530+0.7292i
45.5	66.2067+5.5347i	1.7898+0.2665i	-0.8827-0.3566i	-0.5326+2.5880i	0.4337-0.4885i	-0.6574+0.0672i	1.5023+2.4228i	-0.2957+0.6728i
45.6	66.7676+5.8042i	1.7729+0.2525i	-0.8717-0.3686i	-0.6730+2.5132i	0.4680-0.4713i	-0.6301+0.0829i	1.3918+2.3660i	-0.3402+0.6252i
45.7	67.1432+5.6488i	1.8111+0.2737i	-0.8944-0.3956i	-0.6543+2.6393i	0.4489-0.5209i	-0.6444+0.1311i	1.4444+2.4813i	-0.3025+0.6752i
45.8	67.4192+5.8339i	1.8307+0.2737i	-0.8919-0.3787i	-0.5997+2.5658i	0.4416-0.5190i	-0.6322+0.1720i	1.5000+2.4517i	-0.2620+0.6419i
45.9	67.6846+5.9919i	1.8506+0.2426i	-0.8311-0.3388i	-0.6469+2.5323i	0.4535-0.5515i	-0.6250+0.1723i	1.4513+2.4601i	-0.2706+0.6210i
46.0	67.9638+5.8299i	1.8509+0.1970i	-0.8544-0.3408i	-0.6061+2.5586i	0.4051-0.5790i	-0.6392+0.2028i	1.5156+2.4810i	-0.2685+0.6219i
46.1	68.5250+6.0104i	1.8976+0.1672i	-0.8036-0.4684i	-0.6377+2.5981i	0.3649-0.5896i	-0.6527+0.2584i	1.5716+2.5034i	-0.2450+0.6608i
46.2	68.9151+6.0795i	1.8890+0.0908i	-0.7751-0.5463i	-0.6169+2.5649i	0.3401-0.5808i	-0.6333+0.3223i	1.6153+2.4935i	-0.2113+0.6643i
46.3	69.1731+5.9820i	1.8565+0.0690i	-0.9024-0.5096i	-0.5506+2.5107i	0.3138-0.5552i	-0.5862+0.3626i	1.6816+2.4319i	-0.1262+0.6388i
46.4	69.4205+6.2192i	1.8957+0.0507i	-0.9101-0.5049i	-0.5534+2.4473i	0.3209-0.5325i	-0.5752+0.3785i	1.6799+2.3701i	-0.0846+0.5369i
46.5	69.7720+6.3222i	1.8880-0.0195i	-0.9328-0.5601i	-0.6077+2.4333i	0.3320-0.5404i	-0.5493+0.4195i	1.6486+2.3722i	-0.1661+0.4931i
46.6	70.1556+6.4680i	1.8270-0.0676i	-0.9765-0.6310i	-0.6111+2.4711i	0.3255-0.5666i	-0.4981+0.4520i	1.6685+2.4225i	-0.2291+0.5483i
46.7	70.5411+6.6826i	1.7838-0.0892i	-1.0206-0.5815i	-0.6033+2.4085i	0.3347-0.5682i	-0.4371+0.4586i	1.6786+2.3977i	-0.2502+0.5444i
46.8	70.8753+6.6206i	1.7452-0.0700i	-1.0517-0.5049i	-0.6821+2.4159i	0.3297-0.6373i	-0.4279+0.4265i	1.6558+2.4791i	-0.2596+0.6487i
46.9	71.1851+6.6019i	1.7301-0.0569i	-1.0069-0.5602i	-0.6279+2.4771i	0.2503-0.6496i	-0.4358+0.4456i	1.7748+2.5017i	-0.1526+0.6639i
47.0	71.5457+6.7340i	1.7370-0.0821i	-0.9575-0.5901i	-0.6067+2.4608i	0.2141-0.6263i	-0.4145+0.4779i	1.8231+2.4587i	-0.1219+0.6090i
47.1	71.9242+6.8992i	1.6548-0.1415i	-1.0851-0.6407i	-0.5892+2.4582i	0.2148-0.6303i	-0.3508+0.4955i	1.8384+2.4566i	-0.1898+0.6093i
47.2	72.1482+6.8439i	1.6040-0.1374i	-1.1240-0.6572i	-0.5507+2.4939i	0.1786-0.6632i	-0.3310+0.4921i	1.9214+2.5193i	-0.1605+0.6995i
47.3	72.4026+6.9313i	1.5769-0.1096i	-1.1403-0.5899i	-0.4882+2.4320i	0.1198-0.6489i	-0.3127+0.4816i	2.0391+2.4670i	-0.0659+0.7004i
47.4	72.7720+7.2397i	1.5614-0.0772i	-1.2238-0.5356i	-0.4106+2.3307i	0.0776-0.6134i	-0.2861+0.4731i	2.1178+2.3458i	0.0196+0.6531i
47.5	73.1009+7.2384i	1.5856-0.0767i	-1.2341-0.5551i	-0.4311+2.2437i	0.0747-0.5952i	-0.2695+0.4689i	2.1157+2.2735i	0.0428+0.6004i
47.6	73.5267+7.1851i	1.5698-0.1020i	-1.1855-0.5788i	-0.4666+2.1829i	0.0588-0.5891i	-0.2606+0.4648i	2.1032+2.2346i	0.0551+0.5487i
47.7	73.9807+7.4500i	1.4850-0.1078i	-1.2455-0.5264i	-0.4998+2.1391i	0.0468-0.5678i	-0.2160+0.4605i	2.1021+2.1767i	0.0110+0.4890i
47.8	74.5229+7.6311i	1.4023-0.0233i	-1.2863-0.4633i	-0.5457+2.1174i	0.0177-0.5662i	-0.2051+0.4307i	2.1230+2.1634i	-0.0161+0.5345i
47.9	74.7556+7.7022i	1.4370+0.0247i	-1.2298-0.4901i	-0.5715+2.1044i	-0.0139-0.5361i	-0.2236+0.4255i	2.1517+2.1244i	0.0385+0.5290i
48.0	75.1475+7.7375i	1.4736+0.0019i	-1.2139-0.5075i	-0.5892+2.1205i	-0.0176-0.5199i	-0.2171+0.4458i	2.1579+2.0948i	0.0389+0.5059i
48.1	75.7181+7.9159i	1.4450+0.0180i	-1.2722-0.4938i	-0.6146+2.0904i	-0.0326-0.4941i	-0.1806+0.4370i	2.1749+2.0435i	0.0394+0.5249i
48.2	76.1508+7.9809i	1.4596+0.0232i	-1.2700-0.4719i	-0.6532+2.0879i	-0.0382-0.4942i	-0.1927+0.4263i	2.1651+2.0373i	0.0551+0.5178i
48.3	76.3652+8.0904i	1.4359+0.0368i	-1.3263-0.4385i	-0.6172+2.0791i	-0.0554-0.4888i	-0.1859+0.4275i	2.1838+2.0349i	0.0765+0.5029i
48.4	76.8296+8.2040i	1.4222+0.0652i	-1.3509-0.3951i	-0.6223+2.0143i	-0.0778-0.4784i	-0.1796+0.4042i	2.2037+1.9955i	0.0804+0.4879i
48.5	77.1822+8.2546i	1.4331+0.0748i	-1.3292-0.3998i	-0.6617+1.9842i	-0.0909-0.4664i	-0.1898+0.3944i	2.2015+1.9634i	0.0877+0.4708i
48.6	77.7032+8.4104i	1.4404+0.0976i	-1.3053-0.4238i	-0.7221+1.9710i	-0.0997-0.4383i	-0.1937+0.4007i	2.2050+1.9238i	0.0500+0.4600i
48.7	78.1577+8.5457i	1.4354+0.1182i	-1.2322-0.4399i	-0.7497+1.9330i	-0.1224-0.4170i	-0.1952+0.4093i	2.2072+1.8945i	0.0693+0.4981i
48.8	78.6473+8.5979i	1.4212+0.1365i	-1.2543-0.4250i	-0.7836+1.8904i	-0.1198-0.3859i	-0.1742+0.4173i	2.1906+1.8382i	0.1177+0.4952i
48.9	78.9837+8.5790i	1.4099+0.1541i	-1.3103-0.3913i	-0.7935+1.9034i	-0.1165-0.3645i	-0.1662+0.4135i	2.1926+1.8112i	0.1441+0.4706i
49.0	79.2335+8.8699i	1.3912+0.1879i	-1.3368-0.3924i	-0.7966+1.8670i	-0.1184-0.3359i	-0.1824+0.4144i	2.1891+1.7827i	0.1576+0.4434i
49.1	79.6837+8.9242i	1.4065+0.2139i	-1.3250-0.3709i	-0.8734+1.8446i	-0.1083-0.3227i	-0.2050+0.4121i	2.1430+1.7599i	0.1554+0.4406i
49.2	80.1193+8.9369i	1.4406+0.2066i	-1.3275-0.3857i	-0.9170+1.8476i	-0.1058-0.3240i	-0.2084+0.4321i	2.1150+1.7724i	0.1903+0.4277i
49.3	80.6238+9.1097i	1.4713+0.2316i	-1.3444-0.3869i	-0.9456+1.8283i	-0.1089-0.3064i	-0.1889+0.4532i	2.1124+1.7630i	0.2082+0.3715i
49.4	80.8931+9.2012i	1.4331+0.2165i	-1.3528-0.4592i	-0.9363+1.8485i	-0.1169-0.2944i	-0.1748+0.4686i	2.1204+1.7521i	0.1861+0.3508i
49.5	81.5021+9.1840i	1.4235+0.2338i	-1.3409-0.4762i	-0.9735+1.8660i	-0.1237-0.2811i	-0.1657+0.4673i	2.1340+1.7368i	0.1955+0.3612i
49.6	82.0838+9.4178i	1.4414+0.2869i	-1.3554-0.4358i	-1.0283+1.8709i	-0.1147-0.2515i	-0.1562+0.4685i	2.1210+1.6984i	0.2154+0.3097i
49.7	82.2911+9.4853i	1.4778+0.2923i	-1.3536-0.4183i	-1.0548+1.8399i	-0.0967-0.2515i	-0.1640+0.4827i	2.0804+1.7033i	0.1742+0.2857i

49.8	82.7037+9.4743i	1.4790+0.2729i	-1.3347-0.4167i	-1.1274+1.8330i	-0.0897-0.2595i	-0.1467+0.4986i	2.0483+1.7242i	0.1418+0.3082i
49.9	83.2078+9.5827i	1.4312+0.2789i	-1.3591-0.4359i	-1.1403+1.8503i	-0.0985-0.2518i	-0.1254+0.5069i	2.0625+1.7385i	0.1534+0.3314i
50.0	83.4869+9.6578i	1.4095+0.3267i	-1.3812-0.4364i	-1.1091+1.8526i	-0.1041-0.2335i	-0.1172+0.5093i	2.0840+1.7311i	0.1840+0.3251i
50.1	83.8009+9.6224i	1.4572+0.3564i	-1.3580-0.4661i	-1.1200+1.8728i	-0.1035-0.2077i	-0.1107+0.5282i	2.0876+1.7160i	0.2051+0.2934i
50.2	84.3130+9.6687i	1.4541+0.3361i	-1.4221-0.4659i	-1.1506+1.8882i	-0.0909-0.2060i	-0.0940+0.5226i	2.0737+1.6948i	0.2213+0.2695i
50.3	84.8574+9.9799i	1.4430+0.3375i	-1.4697-0.4406i	-1.1981+1.8610i	-0.0822-0.2084i	-0.0728+0.5146i	2.0569+1.6938i	0.2235+0.2394i
50.4	85.4193+10.1232i	1.4748+0.3590i	-1.5036-0.4070i	-1.2286+1.8566i	-0.0726-0.2067i	-0.0639+0.4983i	2.0464+1.6860i	0.2095+0.2129i
50.5	85.9456+10.1820i	1.4915+0.4240i	-1.5338-0.4042i	-1.2604+1.8776i	-0.0564-0.2057i	-0.0721+0.5044i	2.0301+1.6853i	0.1787+0.2082i
50.6	86.1951+10.1021i	1.4878+0.4769i	-1.4606-0.4422i	-1.2779+1.9218i	-0.0818-0.2115i	-0.0664+0.5361i	2.0449+1.7305i	0.1760+0.2233i
50.7	86.4474+10.1471i	1.5249+0.4425i	-1.4498-0.4021i	-1.2801+1.8960i	-0.0797-0.2149i	-0.0486+0.5473i	2.0545+1.7335i	0.1964+0.2163i
50.8	86.8331+10.2223i	1.5125+0.4396i	-1.4694-0.3984i	-1.2901+1.8792i	-0.0830-0.2136i	-0.0228+0.5556i	2.0622+1.7372i	0.1813+0.1985i
50.9	87.2097+10.2086i	1.4697+0.4521i	-1.5119-0.4668i	-1.2659+1.9067i	-0.0958-0.2047i	-0.0130+0.5619i	2.0636+1.7390i	0.1627+0.2153i
51.0	87.7707+10.3879i	1.4908+0.4808i	-1.5207-0.4545i	-1.2921+1.9339i	-0.1004-0.2086i	-0.0003+0.5628i	2.0762+1.7503i	0.1922+0.2251i
51.1	88.2520+10.3062i	1.4884+0.4797i	-1.5142-0.4873i	-1.3210+1.9809i	-0.1126-0.2011i	0.0165+0.5753i	2.0968+1.7587i	0.2071+0.1927i
51.2	88.6924+10.4526i	1.4458+0.4767i	-1.5592-0.5379i	-1.3350+1.9738i	-0.1160-0.1911i	0.0435+0.5772i	2.1160+1.7585i	0.1985+0.1876i
51.3	89.3155+10.5472i	1.4456+0.6178i	-1.6072-0.4764i	-1.3484+1.9442i	-0.1290-0.1776i	0.0564+0.5413i	2.1375+1.7425i	0.2103+0.1809i
51.4	89.6886+10.6404i	1.4921+0.6668i	-1.5905-0.4400i	-1.3699+1.9555i	-0.1290-0.1752i	0.0464+0.5393i	2.1278+1.7543i	0.2238+0.1888i
51.5	90.2215+10.7261i	1.5224+0.6942i	-1.5501-0.4463i	-1.3768+1.9981i	-0.1350-0.1690i	0.0430+0.5563i	2.1419+1.7677i	0.2449+0.1727i
51.6	90.5187+10.6898i	1.5661+0.7006i	-1.5910-0.4609i	-1.3705+2.0261i	-0.1417-0.1505i	0.0796+0.5805i	2.1776+1.7591i	0.2462+0.1411i
51.7	91.0230+10.8074i	1.5629+0.7157i	-1.6417-0.4956i	-1.3508+2.0106i	-0.1475-0.1365i	0.1118+0.5732i	2.2124+1.7404i	0.2487+0.1174i
51.8	91.3439+10.8080i	1.5608+0.7770i	-1.6382-0.4546i	-1.3261+2.0133i	-0.1617-0.1181i	0.1293+0.5684i	2.2363+1.7199i	0.2429+0.1025i
51.9	91.8160+10.9625i	1.5643+0.8054i	-1.6924-0.3941i	-1.3291+1.9993i	-0.1642-0.1070i	0.1441+0.5746i	2.2393+1.7068i	0.2466+0.0807i
52.0	92.2574+11.0999i	1.5929+0.7735i	-1.6877-0.4124i	-1.3487+1.9680i	-0.1668-0.0859i	0.1752+0.5721i	2.2414+1.6807i	0.2333+0.0581i
52.1	92.6013+11.2564i	1.6375+0.7976i	-1.7378-0.3881i	-1.3761+1.9189i	-0.1535-0.0646i	0.2044+0.5460i	2.2268+1.6451i	0.2121+0.0476i
52.2	93.0914+11.3275i	1.6600+0.8639i	-1.7268-0.3581i	-1.4199+1.9116i	-0.1410-0.0553i	0.1978+0.5213i	2.2028+1.6342i	0.2058+0.0456i
52.3	93.6112+11.3826i	1.6589+0.9212i	-1.6946-0.3499i	-1.4418+1.9487i	-0.1531-0.0383i	0.2090+0.5287i	2.2250+1.6391i	0.2335+0.0407i
52.4	94.0073+11.5656i	1.7280+0.9207i	-1.6607-0.4059i	-1.4725+1.9692i	-0.1540-0.0192i	0.2260+0.5357i	2.2301+1.6341i	0.2279-0.0051i
52.5	94.4824+11.5945i	1.8021+0.9640i	-1.6619-0.4375i	-1.5115+1.9881i	-0.1388+0.0034i	0.2617+0.5238i	2.2259+1.6274i	0.1825-0.0383i
52.6	94.9844+11.7644i	1.8432+0.9619i	-1.6979-0.4112i	-1.5185+1.9576i	-0.1217+0.0058i	0.2746+0.4905i	2.1989+1.6219i	0.1708-0.0187i
52.7	95.4014+11.8101i	1.8958+0.9852i	-1.7427-0.3706i	-1.5202+1.9523i	-0.1017+0.0105i	0.2714+0.4783i	2.1765+1.6306i	0.1650-0.0266i
52.8	95.8536+11.8761i	1.8882+0.9873i	-1.7852-0.3793i	-1.5462+1.9955i	-0.1060+0.0249i	0.2945+0.4802i	2.2056+1.6558i	0.1404-0.0407i
52.9	96.5003+11.9287i	1.8721+1.0155i	-1.8122-0.3724i	-1.5398+2.0295i	-0.1037+0.0409i	0.3069+0.4564i	2.2333+1.6653i	0.1163-0.0289i
53.0	96.9184+11.9493i	1.9178+1.0906i	-1.8444-0.4119i	-1.5332+2.0487i	-0.0922+0.0694i	0.3179+0.4359i	2.2529+1.6510i	0.1194-0.0128i
53.1	97.0859+11.8547i	1.8857+1.0846i	-1.9313-0.4756i	-1.5031+2.0242i	-0.0727+0.0895i	0.3444+0.4209i	2.2606+1.6326i	0.1432-0.0226i
53.2	97.4955+12.0368i	1.9130+1.1506i	-2.0065-0.5023i	-1.4762+2.0411i	-0.0480+0.1126i	0.3606+0.3963i	2.2753+1.6202i	0.1513-0.0394i
53.3	98.0988+12.3839i	2.0318+1.2613i	-2.1056-0.4887i	-1.4732+2.0298i	-0.0091+0.1229i	0.3552+0.3665i	2.2864+1.6041i	0.1440-0.0659i
53.4	98.6215+12.4594i	2.0764+1.3389i	-2.0949-0.3483i	-1.5035+2.0028i	0.0042+0.1141i	0.3531+0.3419i	2.2779+1.5982i	0.1129-0.0982i
53.5	99.0312+12.3835i	2.3070+1.4050i	-2.1468-0.3331i	-1.4988+1.9752i	0.0593+0.1251i	0.3298+0.3150i	2.2360+1.5569i	0.0692-0.0681i
53.6	99.6242+12.6345i	2.4632+1.2341i	-2.3307-0.2723i	-1.5263+1.9620i	0.1247+0.0869i	0.3035+0.3133i	2.1679+1.5841i	0.0934-0.0658i
53.7	100.1055+12.6406i	2.4339+1.0831i	-2.3442-0.1593i	-1.5691+1.9851i	0.1164+0.0270i	0.3072+0.3364i	2.1645+1.6621i	0.0915-0.0826i
53.8	100.3721+12.5804i	2.4300+1.0745i	-2.3000-0.1202i	-1.5466+2.0449i	0.1030+0.0128i	0.3224+0.3295i	2.1983+1.7073i	0.0550-0.1020i
53.9	100.9823+12.5836i	2.4560+1.1571i	-2.2778+0.0270i	-1.5345+2.0595i	0.1074+0.0115i	0.3267+0.2970i	2.2340+1.7420i	0.0471-0.0970i
54.0	101.3602+12.6880i	2.4620+1.1771i	-2.2702+0.1771i	-1.5028+2.0830i	0.0989+0.0053i	0.3321+0.2822i	2.3024+1.7642i	0.0249-0.1016i
54.1	102.0052+12.8659i	2.5077+1.1649i	-2.1406+0.4497i	-1.4712+2.0903i	0.0735-0.0388i	0.3036+0.2795i	2.3903+1.8090i	0.0205-0.0704i
54.2	102.4370+13.1003i	2.6073+1.1236i	-1.9615+0.4725i	-1.4082+2.0456i	0.0541-0.0488i	0.3024+0.3074i	2.4678+1.7974i	0.0277-0.0555i
54.3	102.7243+13.1982i	2.6269+1.0804i	-1.9701+0.3281i	-1.3826+1.9388i	0.0619-0.0303i	0.3459+0.2848i	2.5131+1.7027i	0.0339-0.0634i
54.4	103.2597+13.4530i	2.6172+1.1942i	-1.9119+0.4393i	-1.4164+1.8340i	0.0575-0.0233i	0.3406+0.2262i	2.5203+1.6437i	0.0499-0.0790i
54.5	103.7575+13.9503i	2.6515+1.1185i	-1.7902+0.5457i	-1.5046+1.7641i	0.0485-0.0541i	0.3182+0.2252i	2.5137+1.6473i	0.0527-0.0836i
54.6	104.1215+14.0029i	2.7171+1.0777i	-1.6000+0.4460i	-1.5392+1.7508i	0.0271-0.0540i	0.3029+0.2322i	2.5311+1.6385i	0.0382-0.0944i
54.7	104.7228+14.0922i	2.7337+1.0151i	-1.4000+0.2837i	-1.6071+1.7586i	0.0102-0.0431i	0.3036+0.2406i	2.5695+1.6114i	0.0179-0.1009i
54.8	105.2888+14.1101i	2.7005+1.0270i	-1.3492+0.1426i	-1.6338+1.7570i	0.0052-0.0233i	0.3039+0.2286i	2.5927+1.5596i	0.0083-0.1003i
54.9	105.9016+14.1482i	2.7461+1.0805i	-1.3207+0.0392i	-1.6758+1.7500i	0.0067-0.0038i	0.2872+0.2063i	2.5965+1.5099i	0.0132-0.1003i
55.0	106.4115+14.2154i	2.7317+1.1590i	-1.3221-0.1136i	-1.7160+1.7952i	-0.0036+0.0191i	0.2721+0.2004i	2.5986+1.4773i	0.0248-0.1132i
55.1	106.9498+14.3465i	2.8368+1.1961i	-1.3717-0.1547i	-1.7146+1.8048i	0.0034+0.0256i	0.2631+0.2102i	2.5899+1.4470i	0.0123-0.1291i
55.2	107.6055+14.3969i	2.9854+1.1350i	-1.4087-0.2415i	-1.7496+1.7551i	0.0348+0.0345i	0.2570+0.2238i	2.5513+1.4157i	-0.0163-0.1375i
55.3	108.0415+14.5061i	2.9959+1.1978i	-1.4273-0.2557i	-1.8000+1.7329i	0.0333+0.0429i	0.2515+0.2222i	2.5454+1.3886i	-0.0225-0.1487i
55.4	108.6008+14.5838i	3.0157+1.0906i	-1.4549-0.3186i	-1.8510+1.7147i	0.0358+0.0302i	0.2482+0.2406i	2.5206+1.3831i	-0.0440-0.1465i
55.5	109.0271+14.7785i	3.0933+1.0607i	-1.4695-0.3213i	-1.8801+1.6985i	0.0392+0.0217i	0.2622+0.2596i	2.5104+1.3994i	-0.0621-0.1475i
55.6	109.5437+15.1162i	3.1144+1.2301i	-1.5236-0.2347i	-1.8786+1.6902i	0.0413+0.0287i	0.2737+0.2519i	2.5004+1.4100i	-0.0733-0.1638i
55.7	110.1056+15.0402i	3.2083+1.2309i	-1.5410-0.2444i	-1.9030+1.7011i	0.0447+0.0372i	0.2771+0.2443i	2.4970+1.3965i	-0.0989-0.1677i
55.8	110.7432+15.1494i	3.3299+1.0882i	-1.5899-0.2706i	-1.9409+1.7327i	0.0542+0.0333i	0.2793+0.2447i	2.4889+1.3983i	-0.1241-0.1445i
55.9	111.1406+15.3436i	3.3448+1.0548i	-1.6598-0.3612i	-1.9344+1.7637i	0.0684+0.0388i	0.2852+0.2453i	2.4898+1.3989i	-0.1471-0.1268i
56.0	111.7043+15.4985i	3.3970+1.0679i	-1.7070-0.3479i	-1.9635+1.7497i	0.0731+0.0383i	0.2978+0.2461i	2.4995+1.4093i	-0.1615-0.1170i

56.1	112.4386+15.4239i	3.5132+1.0469i	-1.7603-0.3398i	-2.0043+1.7557i	0.0762+0.0365i	0.3011+0.2395i	2.5154+1.4165i	-0.1696-0.0961i
56.2	112.9978+15.4853i	3.4841+0.9633i	-1.6441-0.4325i	-2.0168+1.7500i	0.0709+0.0393i	0.2957+0.2322i	2.5117+1.4164i	-0.1653-0.0826i
56.3	113.3387+15.6933i	3.5231+0.9417i	-1.5807-0.3986i	-2.0231+1.7458i	0.0792+0.0422i	0.2974+0.2340i	2.5126+1.4057i	-0.1665-0.0673i
56.4	113.7094+15.8230i	3.5778+0.9428i	-1.6316-0.3586i	-2.0219+1.7295i	0.0856+0.0439i	0.2996+0.2318i	2.5203+1.4039i	-0.1653-0.0633i
56.5	114.3852+15.9833i	3.6158+0.8700i	-1.6724-0.4980i	-2.0454+1.7588i	0.0902+0.0388i	0.2994+0.2254i	2.5355+1.4068i	-0.1641-0.0539i
56.6	114.9296+16.1181i	3.6364+0.8494i	-1.6769-0.5278i	-2.0539+1.7498i	0.0926+0.0401i	0.3102+0.2269i	2.5517+1.3980i	-0.1634-0.0530i
56.7	115.5789+15.9893i	3.6662+0.8294i	-1.6411-0.5806i	-2.1005+1.7699i	0.0855+0.0431i	0.3256+0.2257i	2.5710+1.3734i	-0.1552-0.0501i
56.8	116.0774+15.9562i	3.5432+0.7785i	-1.7396-0.5904i	-2.1345+1.7750i	0.0803+0.0438i	0.3354+0.2192i	2.5866+1.3673i	-0.1572-0.0530i
56.9	116.6502+16.2383i	3.5491+0.7347i	-1.7280-0.6172i	-2.1296+1.7451i	0.0745+0.0543i	0.3434+0.2122i	2.5960+1.3694i	-0.1521-0.0596i
57.0	117.1637+16.3852i	3.5991+0.7253i	-1.7522-0.6109i	-2.0945+1.7480i	0.0774+0.0548i	0.3467+0.1949i	2.5853+1.3378i	-0.1468-0.0637i
57.1	117.8838+16.5576i	3.5962+0.6554i	-1.8648-0.7554i	-2.1890+1.7369i	0.0901+0.0576i	0.3480+0.1884i	2.6039+1.3378i	-0.1591-0.0761i
57.2	118.1845+16.8585i	3.6832+0.7187i	-1.8468-0.7474i	-2.1643+1.6986i	0.1112+0.0641i	0.3425+0.1756i	2.5970+1.3467i	-0.1813-0.0823i
57.3	118.7034+17.0321i	3.6087+0.7012i	-1.8680-0.7409i	-2.1675+1.6903i	0.1084+0.0642i	0.3349+0.1699i	2.5972+1.3436i	-0.1965-0.0778i
57.4	119.2792+17.0053i	3.6199+0.6674i	-1.9332-0.8567i	-2.2482+1.7197i	0.1099+0.0639i	0.3329+0.1675i	2.5988+1.3245i	-0.2108-0.0778i
57.5	119.9888+17.1200i	3.5907+0.6393i	-1.9723-0.8959i	-2.3301+1.7106i	0.1057+0.0637i	0.3349+0.1673i	2.6067+1.3207i	-0.2170-0.0728i
57.6	120.5208+17.0634i	3.5898+0.7291i	-2.0783-0.8879i	-2.3148+1.7030i	0.1140+0.0658i	0.3353+0.1674i	2.6142+1.3104i	-0.2280-0.0628i
57.7	121.3648+17.3867i	3.5332+0.7131i	-2.1654-0.9460i	-2.3546+1.7323i	0.1223+0.0706i	0.3398+0.1597i	2.6323+1.2960i	-0.2402-0.0548i
57.8	121.8382+17.9869i	3.5753+0.7057i	-2.1857-0.9006i	-2.4060+1.6640i	0.1262+0.0643i	0.3402+0.1617i	2.6309+1.2916i	-0.2493-0.0403i
57.9	122.0473+18.1511i	3.6505+0.7332i	-2.1377-0.8945i	-2.3627+1.6232i	0.1378+0.0561i	0.3267+0.1603i	2.6181+1.2776i	-0.2552-0.0151i
58.0	122.9330+17.9493i	3.6450+0.9264i	-2.2083-0.9573i	-2.4268+1.6815i	0.1325+0.0593i	0.3316+0.1548i	2.6284+1.2665i	-0.2508-0.0093i
58.1	123.5945+18.0370i	3.6538+0.9449i	-2.3377-0.9988i	-2.4932+1.6794i	0.1399+0.0608i	0.3267+0.1617i	2.6230+1.2806i	-0.2594-0.0037i
58.2	124.3371+18.1262i	3.5915+0.9640i	-2.3210-1.0352i	-2.5930+1.6690i	0.1421+0.0610i	0.3294+0.1633i	2.6141+1.2844i	-0.2644-0.0005i
58.3	124.9637+18.2118i	3.7315+1.0874i	-2.3716-1.1510i	-2.5995+1.7424i	0.1430+0.0650i	0.3362+0.1505i	2.6222+1.2765i	-0.2762-0.0010i
58.4	125.3171+18.3006i	3.8256+1.1547i	-2.4541-1.1160i	-2.5881+1.7593i	0.1469+0.0599i	0.3320+0.1530i	2.6245+1.2836i	-0.2827+0.0241i
58.5	126.0140+18.5059i	3.8324+1.2766i	-2.5209-1.0184i	-2.5536+1.7371i	0.1422+0.0558i	0.3390+0.1595i	2.6284+1.2737i	-0.2723+0.0229i
58.6	126.6130+18.6426i	4.0514+1.4160i	-2.5428-1.0265i	-2.5384+1.7692i	0.1579+0.0619i	0.3380+0.1525i	2.6465+1.2671i	-0.2740+0.0389i
58.7	127.2782+18.5613i	4.1839+1.4355i	-2.5911-1.0736i	-2.5729+1.8055i	0.1589+0.0726i	0.3415+0.1514i	2.6605+1.2655i	-0.2728+0.0591i
58.8	127.8628+18.6145i	4.3161+1.5379i	-2.7305-1.1152i	-2.6058+1.8294i	0.1619+0.0670i	0.3504+0.1508i	2.6733+1.2611i	-0.2740+0.0799i
58.9	128.5070+18.7495i	4.4084+1.6020i	-2.7767-1.0893i	-2.6122+1.7859i	0.1661+0.0628i	0.3657+0.1512i	2.6860+1.2422i	-0.2672+0.0701i
59.0	128.9811+19.1912i	4.5551+1.6250i	-2.7382-1.0770i	-2.6174+1.7803i	0.1707+0.0653i	0.3651+0.1543i	2.6866+1.2537i	-0.2696+0.0826i
59.1	129.5596+19.3155i	4.8119+1.6158i	-2.9001-1.1392i	-2.6095+1.7736i	0.1764+0.0618i	0.3692+0.1544i	2.6919+1.2562i	-0.2743+0.0963i
59.2	130.3337+19.3577i	4.9666+1.6761i	-3.0892-1.1952i	-2.6547+1.7992i	0.1779+0.0598i	0.3792+0.1408i	2.6833+1.2588i	-0.2852+0.1021i
59.3	130.7421+19.5498i	5.2299+1.8003i	-3.1653-1.1709i	-2.6502+1.7849i	0.1842+0.0624i	0.3849+0.1332i	2.6829+1.2496i	-0.2871+0.0978i
59.4	131.2565+19.6075i	5.5672+1.7490i	-3.2732-1.1252i	-2.6042+1.8257i	0.1869+0.0613i	0.3859+0.1256i	2.6778+1.2317i	-0.2824+0.0985i
59.5	132.0699+19.5810i	5.9673+1.5538i	-3.3737-1.1444i	-2.6072+1.8584i	0.1910+0.0577i	0.3899+0.1160i	2.6934+1.2346i	-0.2869+0.1091i
59.6	132.9297+19.8404i	6.3945+1.3943i	-3.4063-0.8995i	-2.6320+1.8266i	0.2001+0.0564i	0.3849+0.1071i	2.7104+1.2199i	-0.2951+0.1371i
59.7	133.6617+20.2896i	6.6053+1.2014i	-3.5946-0.8535i	-2.6956+1.8152i	0.1993+0.0591i	0.3932+0.1019i	2.7209+1.2200i	-0.3012+0.1474i
59.8	134.4145+20.2815i	6.8769+0.7382i	-3.6684-0.9276i	-2.6769+1.7663i	0.2054+0.0604i	0.3987+0.0972i	2.7345+1.2179i	-0.2908+0.1738i
59.9	135.1845+20.9724i	7.6745+1.4367i	-3.2942-0.1302i	-1.9355+2.8272i	0.1969+0.0498i	0.4079+0.0962i	2.7243+1.2250i	-0.2809+0.1978i
60.0	135.1303+21.1135i	6.1927+0.3064i	-4.1386-0.3775i	-3.5047+1.9884i	0.2215+0.0511i	0.3866+0.0749i	2.6946+1.2203i	-0.2927+0.2000i
60.1	136.3639+20.8656i	7.3509-0.2151i	-3.4612-0.5288i	-2.2485+1.7359i	0.2167+0.0455i	0.3906+0.0761i	2.7179+1.2209i	-0.2727+0.2042i
60.2	137.0435+20.8990i	6.9867-0.4472i	-3.7653-0.4861i	-2.7770+1.6939i	0.2276+0.0430i	0.3869+0.0704i	2.7523+1.2286i	-0.2573+0.2233i
60.3	137.3668+21.0724i	6.7674-0.5728i	-3.7266-0.4338i	-2.8047+1.6332i	0.2305+0.0384i	0.3819+0.0654i	2.7413+1.2445i	-0.2424+0.2430i
60.4	137.9520+21.2915i	6.5388-0.7770i	-3.7698-0.3466i	-2.7926+1.5733i	0.2257+0.0371i	0.3865+0.0641i	2.7436+1.2588i	-0.2371+0.2497i
60.5	138.7550+21.5780i	6.4817-0.9089i	-3.7472-0.3024i	-2.8366+1.5250i	0.2284+0.0309i	0.3870+0.0675i	2.7741+1.2650i	-0.2264+0.2610i
60.6	139.5718+21.6968i	6.3757-0.9974i	-3.7290-0.3478i	-2.8627+1.5146i	0.2278+0.0249i	0.3884+0.0741i	2.8007+1.2606i	-0.2045+0.2642i
60.7	140.3985+21.6553i	6.2611-1.0981i	-3.6476-0.4156i	-2.9158+1.5278i	0.2280+0.0155i	0.4095+0.0831i	2.8184+1.2410i	-0.1873+0.2586i
60.8	140.8407+21.7401i	6.2061-1.0966i	-3.5483-0.3084i	-2.9166+1.5015i	0.2308+0.0163i	0.4170+0.0586i	2.8444+1.2174i	-0.1773+0.2633i
60.9	141.5009+21.8329i	6.1911-1.1275i	-3.6830-0.2847i	-2.9458+1.5189i	0.2255+0.0229i	0.4294+0.0430i	2.8552+1.2053i	-0.1823+0.2591i
61.0	142.2976+22.1246i	6.2135-1.1191i	-3.7528-0.5157i	-3.0445+1.4990i	0.2219+0.0201i	0.4350+0.0342i	2.8613+1.2093i	-0.1879+0.2639i
61.1	142.7300+22.3627i	6.1486-1.1277i	-3.7451-0.5578i	-3.0671+1.4424i	0.2168+0.0161i	0.4362+0.0262i	2.8630+1.1973i	-0.1757+0.2738i
61.2	143.7828+22.5601i	6.2151-1.2226i	-3.9400-0.2803i	-3.1367+1.4240i	0.2141+0.0201i	0.4346+0.0137i	2.8902+1.1737i	-0.1533+0.2892i
61.3	144.4227+22.5107i	6.1458-1.2910i	-4.0187-0.3619i	-3.1308+1.4428i	0.2236+0.0229i	0.4300-0.0012i	2.8999+1.1553i	-0.1468+0.3064i
61.4	145.4535+23.2142i	6.3236-1.2725i	-4.0895-0.6046i	-3.2658+1.3995i	0.2213+0.0258i	0.4373-0.0113i	2.9035+1.1722i	-0.1366+0.3103i
61.5	146.1478+23.2327i	6.4399-1.2800i	-4.0881-0.3472i	-3.3279+1.3834i	0.2259+0.0331i	0.4279-0.0258i	2.9110+1.1476i	-0.1144+0.3105i
61.6	146.6896+23.2447i	6.4151-1.2890i	-4.1893-0.4066i	-3.3125+1.3838i	0.2338+0.0354i	0.4223-0.0384i	2.9225+1.1440i	-0.0986+0.3201i
61.7	147.4976+23.4263i	6.3001-1.3714i	-4.2302-0.4428i	-3.3557+1.3909i	0.2395+0.0348i	0.4107-0.0468i	2.9229+1.1444i	-0.0789+0.3318i
61.8	148.3446+23.9554i	6.3472-1.4869i	-4.1556-0.2123i	-3.4574+1.3377i	0.2407+0.0305i	0.4003-0.0499i	2.9321+1.1322i	-0.0517+0.3411i
61.9	149.2710+24.1528i	6.3369-1.5662i	-4.0235-0.0255i	-3.4946+1.3347i	0.2526+0.0317i	0.3886-0.0530i	2.9439+1.1170i	-0.0059+0.3410i
62.0	150.0633+24.0699i	6.4761-1.6285i	-4.2328-0.1481i	-3.5431+1.3469i	0.2611+0.0307i	0.3816-0.0616i	2.9749+1.1107i	0.0297+0.3337i
62.1	150.4723+24.3246i	6.4666-1.6714i	-4.3116-0.0582i	-3.5490+1.2772i	0.2645+0.0322i	0.3770-0.0683i	2.9693+1.0958i	0.0486+0.3117i
62.2	151.3375+24.6745i	6.4775-1.7098i	-4.2221-0.0686i	-3.6104+1.2584i	0.2584+0.0299i	0.3717-0.0726i	2.9364+1.0791i	0.0571+0.2860i
62.3	152.1517+24.7212i	6.6193-1.8511i	-4.3890-0.1864i	-3.6892+1.2882i	0.2568+0.0281i	0.3583-0.0672i	2.9476+1.0612i	0.0720+0.2626i

62.4	152.8411+24.8241i	6.5988-1.8561i	-4.4000+0.0095i	-3.6964+1.2833i	0.2587+0.0277i	0.3525-0.0710i	2.9512+1.0487i	0.0847+0.2601i
62.5	153.7692+24.8355i	6.5124-1.8565i	-4.2100+0.3017i	-3.8029+1.2680i	0.2664+0.0265i	0.3473-0.0773i	2.9567+1.0389i	0.1104+0.2510i
62.6	154.4868+24.8410i	6.4206-2.0111i	-4.0815+0.3167i	-3.8398+1.2685i	0.2739+0.0255i	0.3392-0.0697i	2.9553+1.0369i	0.1352+0.2241i
62.7	155.3849+24.8813i	6.6060-2.0192i	-4.0467+0.1622i	-3.8855+1.2983i	0.2724+0.0226i	0.3356-0.0635i	2.9635+1.0233i	0.1494+0.1860i
62.8	156.1714+25.2920i	6.6831-2.1091i	-4.1256+0.1606i	-3.9465+1.2737i	0.2776+0.0237i	0.3299-0.0640i	2.9819+1.0287i	0.1678+0.1635i
62.9	157.1822+25.3230i	6.5921-2.3305i	-4.0099+0.3265i	-3.9652+1.2972i	0.2839+0.0248i	0.3241-0.0567i	2.9659+1.0053i	0.1702+0.1238i
63.0	158.0959+25.5250i	6.5053-2.4830i	-3.9058+0.3497i	-4.0615+1.3003i	0.2834+0.0242i	0.3192-0.0537i	2.9576+0.9842i	0.1767+0.0917i
63.1	158.7743+26.0882i	6.5411-2.4511i	-3.9564+0.4033i	-4.1099+1.2104i	0.2871+0.0210i	0.3284-0.0463i	2.9705+0.9888i	0.1810+0.0572i
63.2	159.5201+26.2147i	6.7715-2.5673i	-4.1430+0.4460i	-4.1846+1.2079i	0.2878+0.0171i	0.3392-0.0471i	2.9937+0.9810i	0.1742+0.0162i
63.3	160.4978+25.9671i	6.7845-2.5069i	-3.9942+0.1234i	-4.2314+1.2578i	0.2961+0.0206i	0.3425-0.0340i	2.9807+0.9953i	0.1680-0.0165i
63.4	161.4778+26.4518i	6.7844-2.7840i	-4.0387+0.0577i	-4.2726+1.2668i	0.3011+0.0158i	0.3405-0.0292i	2.9866+0.9779i	0.1648-0.0657i
63.5	162.1088+26.5803i	6.8125-2.9084i	-4.1811-0.1023i	-4.3349+1.2621i	0.3076+0.0148i	0.3496-0.0282i	2.9865+0.9802i	0.1402-0.0920i
63.6	162.7402+26.6257i	6.7155-2.9661i	-4.1506-0.0618i	-4.3902+1.2411i	0.3118+0.0156i	0.3542-0.0260i	2.9686+0.9788i	0.1217-0.1204i
63.7	163.8368+26.9433i	6.7017-3.2045i	-4.1959+0.2362i	-4.4536+1.2370i	0.3129+0.0127i	0.3559-0.0310i	2.9653+0.9551i	0.1087-0.1541i
63.8	164.8784+27.1214i	6.6211-3.1244i	-4.0711+0.0978i	-4.5286+1.2280i	0.3250+0.0080i	0.3690-0.0385i	2.9680+0.9678i	0.0759-0.1926i
63.9	165.9247+27.3154i	6.6992-3.1814i	-4.1218+0.2532i	-4.6250+1.2278i	0.3310+0.0034i	0.3895-0.0438i	2.9744+0.9824i	0.0200-0.1995i
64.0	166.6929+27.7161i	6.6982-3.2112i	-4.0279+0.0592i	-4.6617+1.1853i	0.3319+0.0028i	0.3899-0.0424i	2.9670+1.0162i	-0.0145-0.2154i
64.1	167.1574+27.3253i	6.4938-2.9343i	-3.8519-0.4060i	-4.6612+1.2378i	0.3332+0.0004i	0.3851-0.0405i	2.9590+1.0360i	-0.0399-0.2327i
64.2	168.1115+27.4742i	6.6152-3.3286i	-4.2740-0.4722i	-4.7001+1.3268i	0.3402-0.0019i	0.3889-0.0486i	2.9934+1.0045i	-0.0764-0.2404i
64.3	169.3569+27.4261i	6.7670-3.6010i	-4.4390-0.5460i	-4.8036+1.3639i	0.3442-0.0061i	0.4000-0.0598i	3.0090+0.9987i	-0.1236-0.2260i
64.4	170.0971+27.7987i	6.5155-3.4289i	-4.5189-0.3574i	-4.9362+1.3104i	0.3442-0.0085i	0.4225-0.0736i	3.0108+1.0174i	-0.1745-0.2062i
64.5	170.9095+28.3566i	6.2903-3.3578i	-4.4918-0.1934i	-4.9090+1.2010i	0.3499-0.0125i	0.4269-0.0810i	3.0011+1.0322i	-0.2043-0.1984i
64.6	171.8941+28.4337i	6.3364-3.7219i	-4.7934-0.0368i	-4.9645+1.2584i	0.3511-0.0211i	0.4263-0.1086i	3.0192+1.0064i	-0.2358-0.1699i
64.7	172.8632+28.4894i	6.3208-3.5614i	-4.8969-0.0669i	-5.0206+1.2594i	0.3528-0.0217i	0.4281-0.1191i	3.0208+1.0222i	-0.2665-0.1464i
64.8	173.7377+28.7678i	6.4837-3.3399i	-4.8689-0.4376i	-5.1020+1.2075i	0.3608-0.0218i	0.4191-0.1188i	3.0345+1.0531i	-0.2786-0.1302i
64.9	174.7747+28.8163i	6.4336-3.5212i	-4.7251-0.4421i	-5.2172+1.2581i	0.3686-0.0336i	0.4073-0.1178i	3.0453+1.0483i	-0.2908-0.1292i
65.0	175.8008+28.6626i	6.4676-3.3135i	-5.0740+0.0040i	-5.3048+1.3010i	0.3659-0.0325i	0.4089-0.1327i	3.0488+1.0642i	-0.3003-0.1054i
65.1	176.7134+28.8704i	6.7207-3.3099i	-4.9037+0.1096i	-5.3657+1.3190i	0.3686-0.0411i	0.3903-0.1530i	3.0507+1.0716i	-0.3085-0.0729i
65.2	177.8050+29.0561i	7.1629-3.5753i	-4.9715-0.2655i	-5.4681+1.3293i	0.3679-0.0537i	0.3730-0.1544i	3.0770+1.0662i	-0.3258-0.0509i
65.3	178.5229+29.2291i	6.9606-3.4823i	-4.9941-0.0861i	-5.4452+1.3045i	0.3680-0.0529i	0.3734-0.1520i	3.0798+1.0676i	-0.3215-0.0450i
65.4	179.6885+29.2792i	6.9630-3.5522i	-5.1812-0.3702i	-5.5712+1.3477i	0.3717-0.0590i	0.3696-0.1435i	3.1204+1.0815i	-0.3240-0.0202i
65.5	180.6374+29.5751i	7.1440-3.5551i	-5.3328-0.8002i	-5.6497+1.4061i	0.3740-0.0608i	0.3701-0.1396i	3.1469+1.0940i	-0.3195-0.0146i
65.6	181.2369+29.6158i	7.3258-3.5453i	-5.5318-0.1151i	-5.6476+1.4389i	0.3646-0.0648i	0.3776-0.1512i	3.1359+1.0988i	-0.3100-0.0232i
65.7	182.5725+30.3106i	7.4840-3.5783i	-5.5602-0.1378i	-5.7960+1.3765i	0.3634-0.0695i	0.3833-0.1595i	3.1721+1.1350i	-0.3391-0.0224i
65.8	183.4937+30.3235i	7.4385-3.5892i	-5.3934-0.3229i	-5.8328+1.3894i	0.3618-0.0766i	0.3765-0.1575i	3.1993+1.1483i	-0.3550-0.0142i
65.9	184.5291+29.9652i	7.9006-4.0444i	-5.7031-0.0640i	-5.8146+1.4902i	0.3616-0.0792i	0.3668-0.1641i	3.2362+1.1060i	-0.3543+0.0084i
66.0	185.6882+30.5607i	7.8801-4.3439i	-6.0294+0.0703i	-5.8476+1.4496i	0.3602-0.0792i	0.3692-0.1531i	3.2652+1.1146i	-0.3593+0.0089i
66.1	186.7625+30.6119i	7.5564-4.2302i	-5.7893-0.4546i	-5.9506+1.3889i	0.3538-0.0763i	0.3691-0.1460i	3.2995+1.1376i	-0.3627+0.0131i
66.2	187.6876+30.9780i	7.8702-4.6792i	-5.8548-0.4378i	-6.0888+1.3912i	0.3495-0.0723i	0.3643-0.1408i	3.3395+1.1284i	-0.3686+0.0381i
66.3	188.5385+30.8980i	8.1838-5.1702i	-6.1596+0.0747i	-6.0978+1.4463i	0.3495-0.0707i	0.3633-0.1445i	3.3594+1.0948i	-0.3586+0.0440i
66.4	189.2940+30.6306i	8.3765-5.1905i	-6.8179+0.0220i	-6.1065+1.4634i	0.3500-0.0673i	0.3746-0.1626i	3.4032+1.0787i	-0.3508+0.0588i
66.5	190.5287+31.0048i	8.2193-5.6995i	-6.7030+0.2034i	-6.1740+1.4435i	0.3483-0.0609i	0.3675-0.1597i	3.4193+1.0491i	-0.3677+0.0672i
66.6	191.5289+31.4987i	8.3580-5.9491i	-6.5790+0.3695i	-6.2517+1.3978i	0.3561-0.0543i	0.3718-0.1583i	3.4343+1.0479i	-0.3663+0.0678i
66.7	192.9538+31.4598i	8.4908-5.6834i	-6.6312-0.1622i	-6.3511+1.4255i	0.3611-0.0508i	0.3915-0.1575i	3.4743+1.0569i	-0.3749+0.0821i
66.8	193.9896+31.7415i	7.8845-5.9908i	-6.3904+0.2754i	-6.4499+1.4289i	0.3668-0.0471i	0.3992-0.1603i	3.4775+1.0424i	-0.3819+0.0761i
66.9	195.1215+31.9117i	8.0846-6.1078i	-6.9624-0.0173i	-6.5655+1.4323i	0.3773-0.0436i	0.4176-0.1622i	3.5291+1.0371i	-0.3869+0.0712i
67.0	196.4609+32.4300i	7.6134-6.5089i	-6.6168-0.0446i	-6.7139+1.4014i	0.3841-0.0363i	0.4163-0.1497i	3.5232+1.0399i	-0.3958+0.0720i
67.1	197.6717+32.3217i	8.1802-6.4837i	-7.4086-0.0626i	-6.7629+1.4571i	0.3912-0.0367i	0.4371-0.1725i	3.5614+1.0186i	-0.4073+0.0894i
67.2	198.5412+32.5016i	8.7030-6.5338i	-7.9871+0.0057i	-6.8370+1.4385i	0.4020-0.0412i	0.4507-0.1855i	3.5999+1.0119i	-0.4155+0.1116i
67.3	199.6872+32.4518i	8.0261-7.1425i	-7.6759+0.3627i	-6.9484+1.4699i	0.4055-0.0379i	0.4572-0.1786i	3.5910+0.9928i	-0.4195+0.1194i
67.4	200.9064+32.6453i	7.2367-7.1424i	-7.0724-0.0480i	-7.0074+1.5299i	0.4091-0.0393i	0.4591-0.1797i	3.5864+1.0025i	-0.4260+0.1166i
67.5	202.3327+33.1730i	7.2842-7.4429i	-6.8227-0.0420i	-7.1542+1.4716i	0.4227-0.0409i	0.4472-0.1961i	3.6181+1.0100i	-0.4255+0.1209i
67.6	203.7075+33.0690i	7.2497-7.3572i	-7.0940-0.2483i	-7.2573+1.4959i	0.4319-0.0436i	0.4625-0.2070i	3.6438+1.0216i	-0.4249+0.1321i
67.7	204.8181+32.9852i	7.3897-7.3193i	-7.5785-0.5051i	-7.3863+1.5487i	0.4433-0.0463i	0.4750-0.2273i	3.6989+1.0225i	-0.4318+0.1450i
67.8	206.1962+32.8359i	6.8266-7.3121i	-7.4559-0.6051i	-7.4609+1.6335i	0.4480-0.0472i	0.4719-0.2393i	3.7224+1.0057i	-0.4304+0.1436i
67.9	208.0099+33.2196i	6.9467-6.9307i	-7.7326-1.0236i	-7.6273+1.6360i	0.4588-0.0527i	0.4809-0.2615i	3.7698+1.0147i	-0.4567+0.1365i
68.0	208.8274+33.8010i	6.5856-7.5483i	-7.6915-0.5912i	-7.6676+1.5885i	0.4610-0.0497i	0.4722-0.2679i	3.7585+1.0086i	-0.4706+0.1407i
68.1	209.4405+32.6126i	6.3531-7.9256i	-7.6715-0.2680i	-7.6933+1.7658i	0.4531-0.0500i	0.4594-0.2825i	3.7687+0.9410i	-0.4719+0.1453i
68.2	210.6873+32.6586i	5.9644-7.7833i	-7.6320-0.3054i	-7.7876+1.7897i	0.4535-0.0440i	0.4559-0.2846i	3.7842+0.9358i	-0.4922+0.1569i
68.3	212.6595+34.1083i	7.2919-7.0346i	-9.2399-1.0827i	-8.0038+1.5938i	0.4800-0.0416i	0.4784-0.3143i	3.9175+1.0077i	-0.5356+0.1844i
68.4	213.2274+33.4628i	6.9756-6.8605i	-9.5568-0.6560i	-7.9058+1.7162i	0.4813-0.0370i	0.4765-0.3240i	3.9047+0.9689i	-0.5370+0.1930i
68.5	214.7000+33.7229i	5.9964-6.8604i	-8.7225-0.3869i	-8.0554+1.7137i	0.4889-0.0373i	0.4582-0.3134i	3.8736+0.9294i	-0.5533+0.2046i
68.6	215.9619+33.5640i	6.5180-7.6071i	-8.8896-0.1503i	-8.2036+1.8256i	0.4976-0.0462i	0.4280-0.3332i	3.9178+0.8702i	-0.5464+0.2414i

68.7	217.3755+33.7967i	7.0069-7.4850i	-9.3707-0.4156i	-8.3440+1.8245i	0.5095-0.0428i	0.4225-0.3473i	3.9691+0.8682i	-0.5508+0.2899i
68.8	219.9143+34.4522i	7.4543-6.9755i	-10.1374-0.8987i	-8.6175+1.7878i	0.5285-0.0314i	0.4518-0.3510i	4.0518+0.9342i	-0.5775+0.3281i
68.9	221.1421+34.8484i	7.7577-6.2892i	-10.5868-1.1448i	-8.7344+1.7888i	0.5535-0.0230i	0.4796-0.3697i	4.1108+0.9773i	-0.5893+0.3637i
69.0	222.6132+34.0931i	7.9738-6.7446i	-10.7392-0.7376i	-8.8698+1.9331i	0.5641-0.0225i	0.4609-0.3893i	4.1413+0.9268i	-0.5787+0.3871i
69.1	223.4299+33.6655i	7.3016-7.4729i	-10.4133-0.3751i	-8.9461+2.0498i	0.5641-0.0381i	0.4184-0.3710i	4.1006+0.8484i	-0.5450+0.3981i
69.2	225.3179+34.1622i	8.7932-7.5368i	-11.5169-0.7652i	-9.0996+2.0574i	0.6108-0.0325i	0.4068-0.3817i	4.2411+0.8648i	-0.5362+0.4332i
69.3	226.5140+34.4136i	9.2313-7.6023i	-12.0496-0.8169i	-9.1688+2.0811i	0.6340-0.0235i	0.4250-0.3725i	4.2887+0.8828i	-0.5322+0.4352i
69.4	227.3428+32.8878i	7.9270-8.6000i	-11.5780+0.0567i	-9.1618+2.2925i	0.6334-0.0457i	0.4062-0.3450i	4.2343+0.7595i	-0.4815+0.4292i
69.5	229.7772+32.8149i	7.4523-9.4256i	-11.7788+0.3513i	-9.4630+2.4194i	0.6543-0.0612i	0.4136-0.3293i	4.2931+0.7085i	-0.4573+0.4341i
69.6	231.3794+33.0695i	8.2862-9.7835i	-12.6740+0.3347i	-9.6383+2.4534i	0.6743-0.0721i	0.4305-0.3252i	4.3561+0.6946i	-0.4555+0.4284i
69.7	233.0577+32.4741i	9.2327-9.9853i	-13.8734+0.4301i	-9.7405+2.6058i	0.7085-0.0839i	0.4731-0.3446i	4.4686+0.6754i	-0.4709+0.4374i
69.8	234.6957+32.8434i	9.2997-10.2572i	-14.4977+0.9629i	-9.8585+2.6606i	0.7378-0.1022i	0.4897-0.3552i	4.5348+0.6277i	-0.4998+0.4280i
69.9	235.9598+32.3068i	9.5569-10.6529i	-15.1077+1.2504i	-9.9764+2.7826i	0.7693-0.1185i	0.5014-0.3798i	4.6040+0.5743i	-0.5140+0.4382i
70.0	237.4934+32.2992i	8.7413-10.2934i	-14.7401+0.9527i	-10.1602+2.7869i	0.7849-0.1173i	0.5261-0.4041i	4.5996+0.6081i	-0.5470+0.4587i
70.1	239.1018+32.1092i	8.7566-10.4667i	-15.2881+1.1205i	-10.2757+2.8836i	0.8107-0.1266i	0.5577-0.4303i	4.6736+0.5901i	-0.5900+0.4858i
70.2	240.0129+32.6242i	10.1417-10.9965i	-16.5325+1.5678i	-10.3027+2.9214i	0.8421-0.1533i	0.5910-0.4496i	4.7759+0.5489i	-0.6415+0.5125i
70.3	241.6501+32.1907i	10.1979-11.3833i	-16.5547+1.6235i	-10.3866+3.0992i	0.8505-0.1803i	0.5911-0.4601i	4.8035+0.4897i	-0.6333+0.5510i
70.4	243.7886+30.7436i	9.8664-12.3775i	-17.2626+2.5580i	-10.5431+3.3138i	0.8628-0.2237i	0.6052-0.5052i	4.8740+0.3711i	-0.6319+0.6237i
70.5	244.9353+29.5399i	9.2898-13.5021i	-17.3975+3.9413i	-10.5728+3.5861i	0.8772-0.2724i	0.5933-0.5420i	4.9047+0.2341i	-0.6270+0.6713i
70.6	246.2737+29.0811i	10.2606-13.2688i	-17.8689+4.1424i	-10.6760+3.7211i	0.9182-0.2868i	0.5901-0.5940i	5.0149+0.2034i	-0.6469+0.7340i
70.7	247.4634+29.4057i	10.0904-12.5225i	-18.0638+3.8342i	-10.7298+3.7523i	0.9225-0.2742i	0.6450-0.6008i	5.0183+0.2549i	-0.6941+0.7632i
70.8	250.1958+29.8997i	10.8095-13.2685i	-18.9562+3.3235i	-11.0738+3.7629i	0.9638-0.3123i	0.6623-0.6443i	5.1765+0.2291i	-0.6846+0.8811i
70.9	252.7529+29.1322i	10.2212-15.2272i	-19.7621+5.1632i	-11.3325+4.0012i	0.9577-0.3783i	0.6503-0.7031i	5.2356+0.0074i	-0.6199+0.9646i
71.0	253.3953+27.9468i	9.3557-15.9169i	-19.6285+6.4812i	-11.2755+4.2394i	0.9451-0.4043i	0.6574-0.7692i	5.2114-0.1349i	-0.5738+1.0291i
71.1	254.4675+28.0206i	9.8681-16.8013i	-20.3444+7.4031i	-11.1924+4.2781i	0.9714-0.4420i	0.6641-0.8613i	5.3011-0.2390i	-0.5477+1.1158i
71.2	257.4659+28.3121i	10.1292-17.4738i	-21.1215+7.7070i	-11.5754+4.3133i	0.9961-0.4652i	0.6779-0.9207i	5.4223-0.2945i	-0.5088+1.1915i
71.3	258.6575+27.8578i	10.9300-17.8714i	-21.6544+7.9596i	-11.6527+4.3618i	1.0330-0.4903i	0.6585-0.9912i	5.5127-0.3626i	-0.4480+1.2553i
71.4	260.3719+27.1014i	10.7450-18.0908i	-21.5087+8.6226i	-11.7614+4.5387i	1.0537-0.5031i	0.6188-1.0772i	5.5580-0.4357i	-0.3785+1.2984i
71.5	262.1037+26.0126i	10.5608-19.2726i	-21.4893+9.7651i	-11.8325+4.7796i	1.0750-0.5568i	0.5574-1.1719i	5.6225-0.6072i	-0.2914+1.3674i
71.6	263.3376+25.2003i	9.6180-20.3130i	-21.7864+10.7320i	-11.9922+4.9445i	1.0696-0.6008i	0.4994-1.2212i	5.6087-0.7745i	-0.1867+1.3817i
71.7	264.2847+24.2080i	9.2645-21.5640i	-22.2237+12.3658i	-11.8917+5.2272i	1.0777-0.6597i	0.3894-1.3037i	5.6182-1.0009i	-0.0524+1.3962i
71.8	265.5086+24.8405i	10.0092-22.2172i	-22.9427+12.8347i	-12.0214+5.1772i	1.1366-0.6987i	0.3279-1.3876i	5.7425-1.0729i	0.0276+1.4473i
71.9	267.5151+22.4217i	7.7326-23.7468i	-22.3554+14.6378i	-12.0456+5.5264i	1.1056-0.7666i	0.1961-1.4132i	5.6508-1.3511i	0.1827+1.4292i
72.0	269.9593+20.4380i	6.5320-24.6715i	-22.2578+16.2486i	-12.2076+5.9688i	1.1064-0.8367i	0.0496-1.4347i	5.6204-1.5734i	0.3088+1.3877i
72.1	269.8891+19.7802i	5.0266-24.3458i	-20.6920+16.9977i	-12.1035+6.0723i	1.0566-0.8559i	-0.0335-1.3754i	5.4064-1.6420i	0.3819+1.2819i
72.2	271.1823+20.0407i	5.5642-25.7321i	-21.7227+17.9988i	-12.1392+6.1336i	1.1087-0.9000i	-0.0861-1.4463i	5.5350-1.8116i	0.4783+1.3153i
72.3	271.6351+19.1977i	6.3105-26.1631i	-22.5787+18.9429i	-12.0057+6.3117i	1.1829-0.9550i	-0.2044-1.4976i	5.6393-1.9678i	0.5745+1.2804i
72.4	273.2641+18.5657i	4.4612-27.1957i	-21.6115+20.3590i	-12.1128+6.4434i	1.1332-1.0473i	-0.3161-1.4184i	5.4602-2.1650i	0.6257+1.1634i
72.5	275.1956+16.2989i	2.5675-29.1717i	-21.0750+23.0797i	-12.1454+6.8556i	1.0941-1.1860i	-0.4431-1.3963i	5.3368-2.5419i	0.7253+1.0928i
72.6	276.3956+16.6485i	1.9950-28.8453i	-20.4505+23.4161i	-12.1765+6.7227i	1.1081-1.2102i	-0.4973-1.3323i	5.2671-2.5639i	0.7240+1.0192i
72.7	276.9319+15.3783i	0.7304-29.2173i	-19.8927+24.6251i	-12.0535+6.9936i	1.0870-1.2794i	-0.5664-1.2548i	5.1257-2.7298i	0.7409+0.9372i
72.8	277.3856+14.6407i	-1.1208-30.1786i	-18.7982+26.7141i	-11.9611+7.1449i	1.0358-1.3777i	-0.6746-1.2131i	4.9453-2.9963i	0.8001+0.8623i
72.9	279.8927+13.6327i	-2.0343-30.4251i	-18.4379+27.4328i	-12.1136+7.4856i	1.0285-1.4662i	-0.7184-1.1510i	4.8899-3.1388i	0.8141+0.8043i
73.0	280.2398+13.2539i	-3.3262-29.7448i	-17.2865+27.4584i	-12.1633+7.5532i	0.9893-1.4998i	-0.7310-1.0525i	4.7081-3.1407i	0.8011+0.7263i
73.1	280.7868+13.0752i	-5.2185-31.3483i	-16.2157+30.3563i	-11.9814+7.5008i	0.9065-1.6232i	-0.8136-0.9879i	4.4743-3.4357i	0.8547+0.6265i
73.2	282.2372+12.3086i	-6.2744-32.1693i	-15.0580+31.7285i	-12.0154+7.5819i	0.8864-1.7440i	-0.8536-0.9072i	4.3599-3.6374i	0.8704+0.5481i
73.3	284.1055+11.1777i	-7.3465-31.1720i	-14.1902+31.6359i	-12.2492+7.7988i	0.8129-1.7719i	-0.8104-0.8437i	4.1955-3.6075i	0.8074+0.5038i
73.4	284.9929+10.7511i	-9.1625-31.1618i	-12.6293+32.3700i	-12.2753+7.8040i	0.7047-1.8214i	-0.8054-0.7890i	3.9457-3.6643i	0.7858+0.4547i
73.5	285.4862+9.7510i	-10.5689-31.0567i	-11.1160+33.0941i	-12.0800+7.9600i	0.6298-1.8842i	-0.8232-0.7773i	3.7237-3.7547i	0.7507+0.4226i
73.6	286.8705+10.1925i	-11.9769-30.0192i	-9.3014+32.9912i	-12.1788+8.0546i	0.5535-1.8931i	-0.8272-0.7354i	3.5195-3.7291i	0.7054+0.3964i
73.7	288.5628+8.9444i	-13.1213-30.7823i	-8.1994+34.2880i	-12.2771+8.3253i	0.4752-1.9947i	-0.8756-0.6863i	3.3450-3.8895i	0.7263+0.4008i
73.8	289.7093+9.1466i	-14.7516-30.1457i	-6.6427+34.7167i	-12.3300+8.2902i	0.3668-2.0340i	-0.9114-0.6213i	3.1066-3.8697i	0.7388+0.3680i
73.9	290.6729+9.3100i	-15.9860-30.2410i	-5.2715+35.3792i	-12.1827+8.2063i	0.2679-2.1004i	-0.9222-0.5742i	2.8959-3.9320i	0.7547+0.3206i
74.0	290.9205+9.4385i	-17.5864-28.7089i	-3.2776+34.7946i	-12.1555+8.2973i	0.1735-2.1028i	-0.9256-0.4971i	2.6587-3.8598i	0.7401+0.2617i
74.1	291.1175+6.1483i	-20.2838-28.0072i	-0.6386+35.4606i	-12.1402+8.7281i	-0.0210-2.1057i	-0.9102-0.4089i	2.2806-3.8700i	0.7129+0.1926i
74.2	292.6609+7.1612i	-21.4375-27.7579i	1.1058+35.7843i	-12.1087+8.5906i	-0.1211-2.1538i	-0.9179-0.3630i	2.0631-3.8709i	0.7186+0.1521i
74.3	294.5623+6.6827i	-22.1161-26.7126i	2.3657+34.9966i	-12.2404+8.7056i	-0.1926-2.1525i	-0.9085-0.3145i	1.9446-3.7890i	0.7120+0.1091i
74.4	296.3664+9.1466i	-22.7477-26.6276i	3.1460+34.9912i	-12.4379+8.4019i	-0.2429-2.2140i	-0.9241-0.2873i	1.8451-3.7831i	0.7170+0.0733i
74.5	297.6052+6.5628i	-23.1511-24.6350i	4.0232+33.9315i	-12.5575+8.8206i	-0.3416-2.1206i	-0.8382-0.2572i	1.6695-3.5600i	0.6477+0.0693i
74.6	298.3033+6.3260i	-23.6570-24.2211i	4.7831+34.1080i	-12.5189+8.8890i	-0.3898-2.1389i	-0.8459-0.2381i	1.5761-3.5346i	0.6313+0.0472i
74.7	298.6961+8.4301i	-23.4446-23.0700i	4.9981+32.9441i	-12.5158+8.6556i	-0.4182-2.1006i	-0.8170-0.2327i	1.5039-3.3695i	0.5837+0.0284i
74.8	303.8123+5.9606i	-25.3685-22.4568i	6.8571+33.0301i	-13.0273+9.1926i	-0.6341-2.1437i	-0.8131-0.1598i	1.2429-3.3963i	0.5719+0.0135i
74.9	304.9957+3.8776i	-26.7180-21.2930i	8.4434+32.8799i	-13.0957+9.5507i	-0.7605-2.0729i	-0.8066-0.1312i	1.0459-3.2554i	0.5831-0.0031i

75.0	305.2797+3.8484i	-27.4172-20.1227i	10.1940+32.1601i	-12.9721+9.5015i	-0.8139-2.0416i	-0.7756-0.0875i	0.9437-3.1305i	0.5416-0.0897i
75.1	307.1419+2.9844i	-27.7068-18.6668i	10.3310+30.6184i	-13.1001+9.8197i	-0.9116-1.9826i	-0.6915-0.0797i	0.8385-2.9687i	0.4801-0.0942i
75.2	311.0859+2.8760i	-28.4614-18.7026i	11.3206+30.4127i	-13.5607+9.9714i	-1.0147-2.0248i	-0.6856-0.0704i	0.7425-2.9426i	0.4391-0.0982i
75.3	310.6874+3.1626i	-29.9146-16.9626i	13.1086+28.9047i	-13.3467+9.8573i	-1.1751-1.9006i	-0.6148-0.0712i	0.4719-2.7308i	0.4050-0.0920i
75.4	312.4672+2.5980i	-30.6170-15.3691i	14.3516+27.7558i	-13.2962+9.9932i	-1.2652-1.8144i	-0.6391-0.0333i	0.3283-2.5511i	0.3693-0.1101i
75.5	312.4959-0.0898i	-30.4024-13.5744i	14.6866+27.0227i	-13.1784+10.4816i	-1.3084-1.7072i	-0.6353-0.0231i	0.2857-2.3591i	0.3321-0.0934i
75.6	314.6602+0.6765i	-31.0477-12.7605i	15.5259+25.8482i	-13.4273+10.3930i	-1.4022-1.6683i	-0.6093+0.0048i	0.1909-2.2375i	0.3027-0.0947i
75.7	319.3298-0.1349i	-31.7475-12.8348i	16.1760+25.9366i	-14.0346+10.7334i	-1.5372-1.6881i	-0.5861+0.0238i	0.1141-2.1967i	0.3187-0.0847i
75.8	318.6490-2.3084i	-31.4437-11.4135i	16.1393+25.1555i	-13.7912+11.1138i	-1.5386-1.5839i	-0.5590+0.0279i	0.1080-2.0237i	0.2874-0.0890i
75.9	322.3954-4.3793i	-32.3981-11.0980i	16.8828+24.8998i	-13.9357+11.5172i	-1.6810-1.5966i	-0.5060+0.0924i	-0.0003-1.9919i	0.2587-0.1056i
76.0	322.6676-6.1126i	-32.7145-8.7405i	17.5674+22.3077i	-13.6621+11.7094i	-1.7799-1.3818i	-0.3821+0.0650i	-0.1142-1.6912i	0.2088-0.0920i
76.1	324.8075-5.2007i	-33.2782-7.5766i	18.0695+21.4576i	-13.8806+11.7328i	-1.8494-1.3185i	-0.3715+0.0315i	-0.1780-1.5377i	0.1884-0.1022i
76.2	325.5504-12.4267i	-33.3969-5.3559i	18.9369+21.0388i	-13.6890+12.9418i	-1.9061-1.0891i	-0.3904+0.0297i	-0.2062-1.2732i	0.1539-0.0887i
76.3	326.8679-13.8543i	-33.7441-3.7760i	19.4398+19.4310i	-13.6856+13.1019i	-1.9829-0.9328i	-0.3540+0.0227i	-0.2564-1.0733i	0.1258-0.0774i
76.4	327.5674-15.3449i	-34.1079-2.3102i	19.7585+18.2240i	-13.8278+13.3330i	-2.0494-0.8038i	-0.3138-0.0069i	-0.2816-0.8840i	0.0885-0.0764i
76.5	328.9312-16.5398i	-33.9282-1.0079i	19.6158+17.1784i	-13.7067+13.6992i	-2.0679-0.7057i	-0.3032-0.0395i	-0.2655-0.7443i	0.0599-0.0488i
76.6	330.5930-17.6246i	-33.5618+0.1180i	18.9651+16.5175i	-13.5273+13.8096i	-2.0725-0.5998i	-0.2930-0.0848i	-0.2331-0.6055i	0.0725-0.0282i
76.7	332.2316-17.6060i	-33.2616+0.5224i	18.9269+16.3127i	-13.6668+13.9394i	-2.0899-0.5652i	-0.2903-0.0994i	-0.1829-0.5100i	0.0770+0.0040i
76.8	335.6775-20.9712i	-34.5022+2.7332i	19.9980+14.9217i	-13.9083+14.3866i	-2.2335-0.3242i	-0.2893-0.1116i	-0.3041-0.2555i	0.0333-0.0063i
76.9	336.1224-23.5831i	-33.8128+4.5750i	19.2668+13.7345i	-13.7503+14.8203i	-2.1691-0.1757i	-0.2932-0.1617i	-0.1799-0.0631i	0.0159+0.0431i
77.0	336.7254-25.4554i	-33.1566+6.0570i	18.6614+12.6046i	-13.5159+15.1173i	-2.1288-0.0788i	-0.2957-0.2009i	-0.0786+0.0631i	0.0193+0.0720i
77.1	335.0414-29.0359i	-33.1593+8.9680i	18.8597+10.9482i	-13.0896+15.4826i	-2.1272+0.2537i	-0.3164-0.2479i	-0.1079+0.3280i	-0.0099+0.0683i
77.2	337.4512-30.4636i	-33.0044+8.6501i	18.9595+11.1865i	-13.1808+15.8260i	-2.1512+0.2959i	-0.3329-0.2921i	-0.0138+0.3581i	0.0302+0.1329i
77.3	334.5916-32.6457i	-31.4855+10.4579i	18.5778+10.1391i	-12.6666+16.1297i	-1.9497+0.4513i	-0.3363-0.2764i	0.1448+0.5053i	0.0211+0.1632i
77.4	333.4327-35.1700i	-30.0763+11.5314i	18.2317+9.4608i	-12.3369+16.5340i	-1.8798+0.4806i	-0.3488-0.2699i	0.2213+0.5888i	0.0126+0.2051i
77.5	334.2570-34.1861i	-28.8409+11.5497i	17.6853+9.0138i	-12.2947+16.5176i	-1.7618+0.5533i	-0.3651-0.3000i	0.3458+0.7285i	0.0276+0.2852i
77.6	332.3690-33.5614i	-27.4731+13.2233i	16.5458+7.9578i	-11.7760+16.3338i	-1.6390+0.7177i	-0.4481-0.3286i	0.4529+0.8923i	0.0835+0.3122i
77.7	333.5701-33.0597i	-26.6059+13.6639i	15.8575+7.6268i	-11.7179+16.2129i	-1.5559+0.6951i	-0.4871-0.3121i	0.5746+0.9265i	0.1410+0.3214i
77.8	330.9649-37.0228i	-25.6705+15.7669i	15.8227+6.1715i	-11.1089+16.8051i	-1.4038+0.9582i	-0.4715-0.2601i	0.6779+1.1178i	0.1744+0.2739i
77.9	332.1309-37.4031i	-25.1974+16.4539i	15.3666+5.6569i	-11.1956+16.9003i	-1.2819+0.9902i	-0.4659-0.2644i	0.8137+1.2089i	0.2307+0.2786i
78.0	331.5042-40.4392i	-24.3841+16.6177i	15.2942+5.1848i	-10.8856+17.4000i	-1.1972+1.0769i	-0.4584-0.2495i	0.9278+1.2634i	0.2861+0.2402i
78.1	329.4376-41.3131i	-23.0742+17.1554i	14.7250+5.0764i	-10.5090+17.6604i	-1.0466+1.0935i	-0.4629-0.2737i	1.0636+1.3086i	0.3290+0.2091i
78.2	330.3446-41.1603i	-22.4179+18.1904i	14.2920+4.9351i	-10.5334+17.6990i	-0.9208+1.1694i	-0.5124-0.3070i	1.1471+1.4432i	0.3405+0.1774i
78.3	329.6445-40.7167i	-21.3016+18.6444i	13.5013+4.5600i	-10.3326+17.6408i	-0.7595+1.1277i	-0.5256-0.3170i	1.3141+1.4743i	0.3488+0.1465i
78.4	330.8076-41.1821i	-20.2709+20.1581i	12.5450+3.9227i	-10.1663+17.5968i	-0.6419+1.1695i	-0.5669-0.3303i	1.4090+1.5879i	0.3315+0.1374i
78.5	330.6483-44.7814i	-19.6620+21.2419i	12.6927+3.6522i	-9.8607+18.1006i	-0.6189+1.3067i	-0.6149-0.2842i	1.4170+1.7020i	0.3390+0.0902i
78.6	333.0328-42.3697i	-18.5984+20.9146i	12.0070+4.1014i	-10.0909+18.1772i	-0.4867+1.1603i	-0.6711-0.3155i	1.6368+1.7389i	0.3854+0.0638i
78.7	333.6145-42.2612i	-17.4198+21.8287i	11.5415+3.5732i	-9.9965+18.2873i	-0.3292+1.1344i	-0.6889-0.3421i	1.7963+1.8828i	0.4068+0.0708i
78.8	337.5175-41.1967i	-14.8487+23.5624i	10.1952+3.6324i	-10.4319+18.3938i	-0.0784+1.0080i	-0.8021-0.4029i	2.1697+2.0655i	0.4206+0.1277i
78.9	340.3678-45.8396i	-11.7147+23.8381i	8.4865+3.2154i	-10.4749+19.4036i	0.1329+0.7910i	-0.9785-0.5304i	2.7389+2.0589i	0.4872+0.1091i
79.0	334.9394-56.9840i	-10.0603+22.1438i	7.5378+4.2171i	-8.9051+20.8488i	-0.0573+0.6393i	-1.2846-0.3250i	2.9631+1.5608i	0.5525-0.0820i
79.1	326.7083-53.9842i	-11.0213+20.1590i	7.6477+5.2690i	-7.4992+19.9415i	-0.2420+0.7193i	-1.2890-0.0449i	2.6676+1.2802i	0.4698-0.2040i
79.2	326.5832-49.6855i	-11.5537+20.4965i	7.9178+5.0833i	-7.2452+19.4586i	-0.2507+0.8546i	-1.2068+0.0828i	2.5468+1.3957i	0.4062-0.2650i
79.3	328.0577-43.9923i	-10.5899+21.7069i	7.9352+4.9240i	-7.5073+18.6954i	-0.0800+0.9462i	-1.1581+0.1165i	2.6265+1.7197i	0.3685-0.2927i
79.4	327.3267-44.0839i	-10.1571+21.4916i	7.7318+4.7704i	-7.2862+18.7495i	-0.0279+1.0416i	-1.1190+0.1375i	2.7722+1.7371i	0.2907-0.3447i
79.5	332.2780-48.1098i	-9.5679+21.7482i	7.8655+4.9878i	-7.4996+19.4513i	0.0040+0.9955i	-1.1445+0.2913i	3.1282+1.6997i	0.2906-0.4203i
79.6	332.9591-44.6308i	-7.4756+21.7063i	6.6164+5.6575i	-7.5505+18.9589i	0.1684+0.7525i	-1.1928+0.3293i	3.4178+1.6001i	0.2825-0.3749i
79.7	330.5634-47.4819i	-6.4596+22.2545i	5.9400+5.7049i	-6.7898+19.3286i	0.2820+0.8409i	-1.1574+0.4389i	3.5911+1.4853i	0.1943-0.4298i
79.8	332.7960-48.4576i	-5.3994+22.3203i	5.7790+6.1592i	-6.6961+19.5870i	0.3390+0.8163i	-1.1551+0.5837i	3.8263+1.3831i	0.1574-0.5017i
79.9	338.2877-48.3772i	-4.0970+21.6180i	5.4774+7.5940i	-7.2237+19.9227i	0.2877+0.6923i	-1.1483+0.7194i	4.1032+1.1352i	0.1067-0.5415i
80.0	335.2573-49.8838i	-3.5252+21.2714i	5.2299+7.6129i	-6.3824+20.0582i	0.3770+0.6887i	-1.0407+0.7208i	4.1684+0.9454i	0.0238-0.5426i

2.1.50 Run 5 – VTC – Accels 9–16

Vertical shaking on center. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	2.3884+0.0000i	-9.9150+0.0000i	-4.2669+0.0000i	7.4972+0.0000i	5.2498+0.0000i	1.0544+0.0000i	-1.7290+0.0000i	10.4601+0.0000i
0.1	0.2980-0.9075i	-1.3537+0.2877i	-1.1562+0.2601i	0.8571-0.3912i	0.4700-0.1710i	0.1290+0.6498i	-0.2220+0.3849i	1.2727-0.2476i
0.2	0.0012+0.0168i	0.1334-0.0534i	-0.1343-0.0592i	-0.1103-0.0338i	-0.2158+0.1424i	0.0462+0.0030i	0.0852+0.0233i	0.0138+0.1122i
0.3	-0.1577-0.0141i	0.0308+0.0089i	0.0193+0.0086i	-0.0105-0.0147i	-0.0060+0.0086i	-0.0176-0.0073i	0.0146-0.0727i	0.1749+0.0449i
0.4	-0.0145+0.0015i	0.0054-0.0008i	0.0179-0.0053i	-0.0033+0.0101i	0.0111+0.0080i	0.0144-0.0003i	0.0270-0.0284i	0.0417+0.0578i
0.5	0.0188+0.0398i	0.0056+0.0018i	0.0008+0.0070i	-0.0073+0.0091i	0.0083-0.0066i	0.0050-0.0164i	0.0041-0.0021i	0.0053+0.0108i
0.6	0.0083+0.0248i	0.0114+0.0041i	-0.0071-0.0016i	-0.0052+0.0031i	0.0005-0.0059i	-0.0002-0.0036i	-0.0050-0.0031i	-0.0012+0.0037i
0.7	0.0012-0.0075i	0.0061+0.0074i	-0.0017-0.0012i	-0.0024-0.0022i	-0.0037-0.0090i	0.0036+0.0110i	-0.0097-0.0023i	-0.0284+0.0150i
0.8	0.0050-0.0061i	0.0115+0.0075i	0.0033+0.0036i	0.0022+0.0053i	-0.0029-0.0019i	0.0043+0.0113i	0.0016+0.0034i	-0.0090+0.0066i
0.9	0.0072+0.0043i	0.0262+0.0127i	0.0014-0.0016i	0.0043+0.0044i	-0.0028+0.0007i	0.0070+0.0036i	0.0034+0.0021i	-0.0067-0.0001i
1.0	0.0055+0.0014i	0.0250+0.0097i	-0.0001-0.0019i	0.0038+0.0006i	-0.0085+0.0010i	0.0054+0.0035i	0.0045-0.0003i	-0.0155-0.0005i
1.1	0.0017+0.0015i	0.0232+0.0043i	0.0003-0.0008i	0.0041-0.0011i	-0.0111+0.0003i	0.0022+0.0021i	0.0037+0.0001i	-0.0127-0.0017i
1.2	0.0014+0.0030i	0.0270+0.0025i	0.0004-0.0002i	0.0041+0.0006i	-0.0118-0.0041i	0.0011-0.0000i	0.0024-0.0000i	-0.0098-0.0020i
1.3	0.0032+0.0010i	0.0284+0.0046i	0.0007-0.0007i	0.0055+0.0025i	-0.0117-0.0023i	0.0008-0.0015i	0.0042+0.0005i	-0.0125-0.0011i
1.4	0.0064-0.0021i	0.0296+0.0027i	-0.0002-0.0001i	0.0026+0.0023i	-0.0151-0.0013i	-0.0011-0.0026i	0.0040+0.0011i	-0.0172+0.0007i
1.5	0.0060-0.0013i	0.0344+0.0005i	0.0019-0.0005i	0.0035+0.0029i	-0.0167-0.0022i	0.0023-0.0008i	0.0033+0.0033i	-0.0178+0.0008i
1.6	0.0057-0.0008i	0.0382-0.0007i	0.0062-0.0017i	0.0113+0.0033i	-0.0169-0.0016i	0.0029-0.0001i	0.0124+0.0037i	-0.0156-0.0013i
1.7	0.0062-0.0006i	0.0429-0.0027i	0.0077-0.0018i	0.0170+0.0018i	-0.0213-0.0024i	0.0008+0.0003i	0.0188-0.0003i	-0.0173-0.0023i
1.8	0.0121-0.0011i	0.0564-0.0118i	0.0111-0.0062i	0.0223+0.0023i	-0.0255-0.0055i	0.0063-0.0059i	0.0215-0.0013i	-0.0220-0.0033i
1.9	0.0166-0.0065i	0.0581-0.0440i	0.0094-0.0242i	0.0292-0.0099i	-0.0281-0.0073i	0.0056-0.0244i	0.0277-0.0115i	-0.0254-0.0093i
2.0	0.0286-0.0190i	0.0460-0.0718i	-0.0027-0.0405i	0.0517-0.0305i	-0.0337-0.0103i	-0.0070-0.0345i	0.0538-0.0337i	-0.0317-0.0118i
2.1	0.0209-0.0632i	0.0314-0.1184i	-0.0124-0.0583i	0.0389-0.1141i	-0.0394-0.0112i	-0.0161-0.0420i	0.0396-0.1161i	-0.0370-0.0158i
2.2	-0.0238-0.0503i	-0.0704-0.1010i	-0.0850-0.0513i	-0.0412-0.0923i	-0.0533-0.0098i	-0.0790-0.0405i	-0.0402-0.0879i	-0.0534-0.0148i
2.3	-0.0224+0.0053i	-0.1659+0.0151i	-0.1980+0.0415i	-0.0299+0.0023i	-0.0761+0.0020i	-0.1941+0.0398i	-0.0293+0.0049i	-0.0772+0.0019i
2.4	-0.0123+0.0068i	-0.0301+0.1547i	-0.0333+0.2166i	-0.0231-0.0095i	-0.0548+0.0305i	-0.0318+0.2151i	-0.0247-0.0083i	-0.0562+0.0320i
2.5	-0.0078+0.0033i	0.0738+0.0716i	0.0984+0.1035i	-0.0261-0.0051i	-0.0381+0.0142i	0.0985+0.1038i	-0.0266-0.0026i	-0.0387+0.0133i
2.6	-0.0070+0.0003i	0.0511+0.0202i	0.0611+0.0345i	-0.0199-0.0013i	-0.0501+0.0035i	0.0631+0.0330i	-0.0193-0.0016i	-0.0491+0.0034i
2.7	-0.0059+0.0016i	0.0371+0.0097i	0.0356+0.0150i	-0.0161-0.0006i	-0.0591+0.0026i	0.0390+0.0139i	-0.0175-0.0009i	-0.0593-0.0000i
2.8	-0.0031+0.0031i	0.0337+0.0053i	0.0244+0.0086i	-0.0131+0.0019i	-0.0670-0.0014i	0.0253+0.0098i	-0.0130+0.0001i	-0.0666-0.0027i
2.9	-0.0034+0.0004i	0.0323+0.0044i	0.0242+0.0098i	-0.0103+0.0007i	-0.0755-0.0014i	0.0259+0.0100i	-0.0117-0.0006i	-0.0723-0.0026i
3.0	-0.0039-0.0012i	0.0306+0.0061i	0.0210+0.0056i	-0.0095+0.0015i	-0.0831-0.0015i	0.0227+0.0053i	-0.0105-0.0011i	-0.0774-0.0031i
3.1	-0.0025+0.0000i	0.0305+0.0067i	0.0124+0.0057i	-0.0079+0.0006i	-0.0911-0.0003i	0.0149+0.0062i	-0.0105+0.0001i	-0.0857-0.0010i
3.2	0.0005+0.0018i	0.0367+0.0051i	0.0100+0.0093i	-0.0052-0.0022i	-0.0975-0.0003i	0.0113+0.0090i	-0.0066-0.0022i	-0.0918-0.0020i
3.3	-0.0014-0.0024i	0.0315-0.0130i	0.0217+0.0108i	-0.0098-0.0052i	-0.1052-0.0058i	0.0186+0.0115i	-0.0086-0.0047i	-0.1037-0.0065i
3.4	-0.0029-0.0049i	0.0189-0.0056i	0.0252+0.0088i	-0.0098-0.0061i	-0.1144-0.0086i	0.0221+0.0088i	-0.0131-0.0025i	-0.1102-0.0055i
3.5	-0.0003-0.0057i	0.0165+0.0044i	0.0238+0.0113i	-0.0066-0.0072i	-0.1215-0.0062i	0.0243+0.0092i	-0.0141-0.0052i	-0.1144-0.0018i
3.6	-0.0024-0.0028i	0.0215+0.0108i	0.0229+0.0077i	-0.0063-0.0116i	-0.1400+0.0002i	0.0392+0.0020i	-0.0103-0.0018i	-0.1298-0.0029i
3.7	-0.0040+0.0042i	0.0514+0.0134i	0.0108-0.0023i	-0.0186+0.0001i	-0.1423+0.0017i	0.0116-0.0006i	-0.0101+0.0092i	-0.1391+0.0116i
3.8	-0.0017+0.0028i	0.0516+0.0103i	0.0117+0.0005i	-0.0121+0.0029i	-0.1539+0.0011i	0.0107+0.0009i	-0.0087+0.0041i	-0.1497+0.0024i
3.9	-0.0007+0.0003i	0.0496+0.0023i	0.0120+0.0020i	-0.0096-0.0002i	-0.1661-0.0002i	0.0112+0.0010i	-0.0085-0.0010i	-0.1628-0.0008i
4.0	-0.0015-0.0015i	0.0421-0.0007i	0.0132+0.0014i	-0.0117-0.0031i	-0.1761-0.0011i	0.0131+0.0015i	-0.0107-0.0033i	-0.1732-0.0019i
4.1	-0.0028-0.0016i	0.0386+0.0034i	0.0133+0.0003i	-0.0153-0.0024i	-0.1871-0.0014i	0.0136+0.0004i	-0.0133-0.0023i	-0.1843-0.0018i
4.2	-0.0031-0.0009i	0.0403+0.0057i	0.0119-0.0004i	-0.0170+0.0001i	-0.2033-0.0032i	0.0132+0.0001i	-0.0144+0.0008i	-0.2002-0.0027i
4.3	-0.0035+0.0026i	0.0394+0.0026i	0.0122-0.0008i	-0.0175+0.0030i	-0.2219-0.0061i	0.0132-0.0007i	-0.0154+0.0044i	-0.2187-0.0053i
4.4	-0.0027+0.0048i	0.0345-0.0003i	0.0120+0.0001i	-0.0177+0.0085i	-0.2420-0.0057i	0.0123-0.0005i	-0.0149+0.0087i	-0.2383-0.0046i
4.5	-0.0010+0.0067i	0.0261+0.0046i	0.0114+0.0012i	-0.0166+0.0140i	-0.2624-0.0038i	0.0116+0.0001i	-0.0124+0.0139i	-0.2573-0.0016i
4.6	0.0021+0.0104i	0.0236+0.0114i	0.0123+0.0014i	-0.0131+0.0177i	-0.2861-0.0015i	0.0116-0.0003i	-0.0083+0.0197i	-0.2804-0.0018i
4.7	0.0042+0.0171i	0.0215+0.0175i	0.0133+0.0025i	-0.0091+0.0267i	-0.3073-0.0017i	0.0092+0.0009i	-0.0013+0.0276i	-0.3038-0.0013i
4.8	0.0195+0.0184i	0.0271+0.0321i	0.0133+0.0070i	0.0154+0.0289i	-0.3406+0.0065i	0.0082+0.0042i	0.0225+0.0308i	-0.3326+0.0116i
4.9	0.0336-0.0035i	0.0369+0.0295i	0.0208+0.0090i	0.0353-0.0019i	-0.3604+0.0136i	0.0147+0.0082i	0.0432-0.0009i	-0.3523+0.0190i
5.0	0.0106-0.0139i	0.0401+0.0165i	0.0236-0.0050i	-0.0037-0.0241i	-0.3939-0.0062i	0.0202-0.0027i	0.0022-0.0235i	-0.3857-0.0083i
5.1	0.0081-0.0092i	0.0411+0.0110i	0.0204-0.0038i	-0.0080-0.0167i	-0.4249-0.0135i	0.0188-0.0016i	-0.0046-0.0149i	-0.4173-0.0156i
5.2	0.0088-0.0095i	0.0329-0.0076i	0.0251-0.0074i	-0.0097-0.0160i	-0.4660-0.0176i	0.0242-0.0053i	-0.0057-0.0145i	-0.4594-0.0178i
5.3	0.0062-0.0065i	-0.0020-0.0278i	0.0229-0.0192i	-0.0127-0.0123i	-0.5193-0.0169i	0.0216-0.0187i	-0.0061-0.0142i	-0.5118-0.0147i
5.4	0.0101-0.0032i	-0.0646-0.0184i	0.0137-0.0226i	-0.0164-0.0096i	-0.5741-0.0009i	0.0142-0.0194i	-0.0095-0.0148i	-0.5659-0.0014i
5.5	0.0098-0.0148i	-0.1112+0.0664i	-0.0041-0.0150i	-0.0170-0.0287i	-0.6526+0.0274i	-0.0069-0.0104i	-0.0097-0.0243i	-0.6402+0.0227i
5.6	-0.0072-0.0056i	-0.0628+0.1435i	-0.0136+0.0008i	-0.0468-0.0121i	-0.7242+0.0593i	-0.0205+0.0019i	-0.0427-0.0085i	-0.7167+0.0526i

5.7	-0.0002+0.0110i	-0.0167+0.1462i	-0.0079+0.0127i	-0.0384+0.0229i	-0.7840+0.0549i	-0.0151+0.0082i	-0.0274+0.0270i	-0.7738+0.0527i
5.8	0.0158+0.0090i	-0.0140+0.1331i	-0.0036+0.0257i	-0.0119+0.0219i	-0.8763+0.0891i	-0.0102+0.0243i	-0.0017+0.0207i	-0.8620+0.0874i
5.9	0.0293+0.0100i	-0.0014+0.1244i	0.0078+0.0307i	0.0084+0.0183i	-0.9445+0.1010i	0.0010+0.0300i	0.0189+0.0153i	-0.9275+0.1021i
6.0	0.0359-0.0037i	-0.0117+0.0948i	0.0140+0.0274i	0.0178-0.0051i	-1.0279+0.0971i	0.0059+0.0271i	0.0298-0.0085i	-1.0090+0.0959i
6.1	0.0320-0.0166i	-0.0649+0.0781i	0.0154+0.0263i	0.0045-0.0283i	-1.1810+0.1164i	0.0074+0.0298i	0.0186-0.0305i	-1.1601+0.1148i
6.2	0.0242-0.0181i	-0.1234+0.0965i	0.0235+0.0303i	-0.0197-0.0308i	-1.3609+0.1770i	0.0152+0.0341i	-0.0028-0.0332i	-1.3381+0.1738i
6.3	0.0223-0.0156i	-0.1605+0.1082i	0.0288+0.0311i	-0.0288-0.0246i	-1.4902+0.2153i	0.0202+0.0341i	-0.0105-0.0283i	-1.4650+0.2105i
6.4	0.0255-0.0131i	-0.2239+0.1414i	0.0366+0.0341i	-0.0336-0.0177i	-1.7219+0.3050i	0.0273+0.0374i	-0.0123-0.0233i	-1.6936+0.2984i
6.5	0.0285-0.0121i	-0.3024+0.1615i	0.0427+0.0342i	-0.0411-0.0149i	-1.9923+0.3683i	0.0319+0.0378i	-0.0160-0.0214i	-1.9593+0.3607i
6.6	0.0338-0.0112i	-0.4109+0.2145i	0.0510+0.0356i	-0.0490-0.0066i	-2.3594+0.5223i	0.0371+0.0398i	-0.0198-0.0152i	-2.3206+0.5102i
6.7	0.0450-0.0122i	-0.5527+0.2929i	0.0649+0.0379i	-0.0515+0.0008i	-2.8470+0.7361i	0.0483+0.0428i	-0.0162-0.0109i	-2.7986+0.7211i
6.8	0.0604-0.0158i	-0.7724+0.4004i	0.0835+0.0419i	-0.0535+0.0061i	-3.5816+1.0338i	0.0610+0.0484i	-0.0100-0.0092i	-3.5199+1.0127i
6.9	0.0796-0.0280i	-1.0843+0.6377i	0.1088+0.0437i	-0.0600+0.0098i	-4.6039+1.7192i	0.0793+0.0558i	-0.0047-0.0147i	-4.5263+1.6831i
7.0	0.1000-0.0748i	-1.4456+1.4866i	0.1634+0.0223i	-0.0825+0.0235i	-5.8400+4.2683i	0.1283+0.0531i	-0.0123-0.0332i	-5.7454+4.1845i
7.1	0.0809-0.1346i	-1.0979+2.6449i	0.2063-0.0561i	-0.0963+0.0682i	-4.9510+7.8660i	0.1809-0.0016i	-0.0395-0.0319i	-4.8797+7.7209i
7.2	0.0173-0.1658i	0.2196+3.3999i	0.1760-0.1635i	-0.0590+0.1379i	-1.0638+10.3011i	0.1749-0.0993i	-0.0515+0.0107i	-1.0662+10.1227i
7.3	-0.0464-0.1441i	1.9751+2.8396i	0.0558-0.2018i	0.0786+0.1281i	4.1732+8.6706i	0.0793-0.1522i	0.0236+0.0221i	4.0837+8.5323i
7.4	-0.0838-0.1258i	2.6556+2.1030i	0.0106-0.1765i	0.1000+0.0463i	6.1490+6.5176i	0.0459-0.1338i	0.0221-0.0312i	6.0259+6.4173i
7.5	-0.1008-0.0720i	2.6530+0.9730i	-0.0214-0.1337i	0.0557-0.0026i	6.1907+3.2002i	0.0199-0.1096i	-0.0207-0.0387i	6.0693+3.1597i
7.6	-0.0863-0.0478i	2.3234+0.6149i	-0.0241-0.1122i	0.0367+0.0020i	5.2209+2.1059i	0.0118-0.0975i	-0.0265-0.0216i	5.1174+2.0866i
7.7	-0.0669-0.0381i	2.0077+0.4498i	-0.0191-0.0979i	0.0313-0.0001i	4.2230+1.5595i	0.0086-0.0885i	-0.0190-0.0188i	4.1402+1.5500i
7.8	-0.0609-0.0413i	1.8763+0.4461i	-0.0141-0.0895i	0.0214-0.0033i	3.6862+1.4667i	0.0092-0.0803i	-0.0239-0.0203i	3.6144+1.4597i
7.9	-0.0655-0.0409i	1.9135+0.4212i	-0.0200-0.0910i	0.0135-0.0016i	3.6508+1.3851i	0.0052-0.0834i	-0.0304-0.0169i	3.5808+1.3818i
8.0	-0.0667-0.0323i	1.9422+0.3072i	-0.0261-0.0917i	0.0147+0.0039i	3.6231+1.1128i	-0.0007-0.0865i	-0.0286-0.0084i	3.5559+1.1148i
8.1	-0.0634-0.0270i	1.9513+0.2122i	-0.0298-0.0880i	0.0192+0.0014i	3.4888+0.8627i	-0.0060-0.0848i	-0.0237-0.0092i	3.4247+0.8701i
8.2	-0.0672-0.0233i	1.9904+0.1070i	-0.0362-0.0842i	0.0134-0.0028i	3.4486+0.6662i	-0.0127-0.0813i	-0.0287-0.0102i	3.3857+0.6789i
8.3	-0.0695-0.0158i	2.0363-0.0199i	-0.0480-0.0828i	0.0091-0.0026i	3.4315+0.3805i	-0.0257-0.0822i	-0.0324-0.0068i	3.3729+0.3993i
8.4	-0.0701-0.0103i	2.0566-0.0998i	-0.0551-0.0800i	0.0085-0.0014i	3.3756+0.2101i	-0.0342-0.0810i	-0.0329-0.0044i	3.3206+0.2309i
8.5	-0.0698-0.0038i	2.1072-0.2074i	-0.0647-0.0764i	0.0091-0.0010i	3.3317+0.0145i	-0.0450-0.0796i	-0.0315-0.0021i	3.2783+0.0404i
8.6	-0.0701+0.0007i	2.1603-0.3025i	-0.0737-0.0736i	0.0105+0.0000i	3.3226-0.1366i	-0.0537-0.0771i	-0.0299-0.0010i	3.2730-0.1036i
8.7	-0.0710+0.0076i	2.2727-0.4530i	-0.0848-0.0668i	0.0147+0.0004i	3.3719-0.3422i	-0.0635-0.0714i	-0.0277+0.0024i	3.3220-0.3055i
8.8	-0.0714+0.0144i	2.3887-0.6683i	-0.0950-0.0603i	0.0173-0.0053i	3.4452-0.6288i	-0.0763-0.0673i	-0.0262+0.0017i	3.3969-0.5827i
8.9	-0.0738+0.0207i	2.4903-0.8796i	-0.1056-0.0472i	0.0184-0.0107i	3.5115-0.9303i	-0.0878-0.0532i	-0.0245+0.0002i	3.4645-0.8784i
9.0	-0.0742+0.0377i	2.5415-1.3268i	-0.1197-0.0253i	0.0185-0.0155i	3.4976-1.5210i	-0.1042-0.0328i	-0.0256+0.0018i	3.4578-1.4579i
9.1	-0.0639+0.0494i	2.3929-1.6060i	-0.1170-0.0050i	0.0152-0.0191i	3.2105-1.8735i	-0.1014-0.0135i	-0.0251+0.0027i	3.1814-1.8077i
9.2	-0.0656+0.0641i	2.6599-2.1378i	-0.1341+0.0080i	0.0185-0.0271i	3.4485-2.4728i	-0.1162-0.0028i	-0.0247+0.0011i	3.4223-2.3943i
9.3	-0.0506+0.0880i	2.2918-3.0194i	-0.1423+0.0494i	0.0119-0.0404i	2.9881-3.5397i	-0.1271+0.0357i	-0.0264+0.0007i	2.9807-3.4450i
9.4	-0.0076+0.1008i	0.9765-3.6401i	-0.1076+0.1005i	-0.0094-0.0490i	1.3557-4.3054i	-0.0976+0.0850i	-0.0276+0.0017i	1.3852-4.2098i
9.5	0.0282+0.0835i	-0.2459-3.2091i	-0.0511+0.1132i	-0.0288-0.0420i	-0.1736-3.7989i	-0.0457+0.1004i	-0.0277+0.0051i	-0.1208-3.7289i
9.6	0.0428+0.0577i	-0.8427-2.4017i	-0.0148+0.1000i	-0.0362-0.0288i	-0.9425-2.8313i	-0.0116+0.0915i	-0.0253+0.0064i	-0.8804-2.7902i
9.7	0.0437+0.0308i	-0.8532-1.5587i	0.0071+0.0711i	-0.0364-0.0167i	-1.0108-1.8131i	0.0100+0.0650i	-0.0234+0.0054i	-0.9600-1.7901i
9.8	0.0386+0.0180i	-0.7064-1.0827i	0.0149+0.0522i	-0.0341-0.0108i	-0.8735-1.2440i	0.0181+0.0471i	-0.0231+0.0055i	-0.8309-1.2285i
9.9	0.0328+0.0107i	-0.5105-0.7894i	0.0114+0.0403i	-0.0287-0.0043i	-0.6798-0.8972i	0.0145+0.0364i	-0.0220+0.0054i	-0.6419-0.8875i
10.0	0.0292+0.0046i	-0.3373-0.5813i	0.0115+0.0312i	-0.0265-0.0015i	-0.5333-0.6452i	0.0141+0.0272i	-0.0209+0.0047i	-0.5007-0.6370i
10.1	0.0264-0.0008i	-0.1766-0.4654i	0.0103+0.0244i	-0.0232-0.0037i	-0.3921-0.5058i	0.0140+0.0215i	-0.0204+0.0023i	-0.3647-0.4984i
10.2	0.0232-0.0052i	-0.0248-0.3780i	0.0069+0.0215i	-0.0226-0.0063i	-0.2686-0.4015i	0.0103+0.0189i	-0.0212-0.0012i	-0.2434-0.3927i
10.3	0.0182-0.0076i	0.1238-0.3590i	0.0047+0.0235i	-0.0250-0.0082i	-0.1575-0.3538i	0.0093+0.0218i	-0.0241-0.0042i	-0.1314-0.3415i
10.4	0.0121-0.0121i	0.1995-0.3622i	0.0065+0.0208i	-0.0299-0.0073i	-0.1089-0.3170i	0.0125+0.0196i	-0.0287-0.0032i	-0.0760-0.3016i
10.5	0.0085-0.0113i	0.2433-0.3544i	0.0078+0.0194i	-0.0319-0.0038i	-0.0792-0.2814i	0.0142+0.0170i	-0.0318-0.0011i	-0.0412-0.2711i
10.6	0.0079-0.0089i	0.2797-0.3333i	0.0088+0.0160i	-0.0318+0.0021i	-0.0383-0.2299i	0.0139+0.0130i	-0.0326+0.0019i	-0.0006-0.2262i
10.7	0.0084-0.0085i	0.3170-0.2729i	0.0096+0.0136i	-0.0296+0.0040i	-0.0040-0.1753i	0.0157+0.0103i	-0.0311+0.0034i	0.0284-0.1764i
10.8	0.0082-0.0114i	0.3726-0.2292i	0.0094+0.0115i	-0.0291+0.0033i	0.0313-0.1434i	0.0155+0.0079i	-0.0306+0.0044i	0.0594-0.1456i
10.9	0.0062-0.0120i	0.4439-0.2057i	0.0085+0.0096i	-0.0288+0.0036i	0.0765-0.1201i	0.0141+0.0071i	-0.0301+0.0053i	0.1042-0.1228i
11.0	0.0025-0.0099i	0.5076-0.1879i	0.0073+0.0077i	-0.0285+0.0041i	0.1076-0.0991i	0.0126+0.0059i	-0.0302+0.0060i	0.1356-0.1013i
11.1	0.0020-0.0110i	0.5707-0.1756i	0.0074+0.0078i	-0.0290+0.0067i	0.1305-0.0837i	0.0135+0.0045i	-0.0305+0.0071i	0.1584-0.0855i
11.2	-0.0015-0.0138i	0.6371-0.1678i	0.0079+0.0069i	-0.0279+0.0074i	0.1549-0.0697i	0.0122+0.0029i	-0.0297+0.0084i	0.1837-0.0714i
11.3	-0.0026-0.0136i	0.6776-0.1528i	0.0066+0.0053i	-0.0267+0.0078i	0.1712-0.0590i	0.0110+0.0035i	-0.0307+0.0077i	0.1985-0.0594i
11.4	-0.0022-0.0131i	0.7311-0.1356i	0.0058+0.0044i	-0.0261+0.0083i	0.1883-0.0450i	0.0116+0.0019i	-0.0299+0.0082i	0.2160-0.0452i
11.5	-0.0036-0.0141i	0.7838-0.1266i	0.0056+0.0053i	-0.0262+0.0076i	0.2021-0.0375i	0.0122+0.0009i	-0.0288+0.0089i	0.2301-0.0394i
11.6	-0.0047-0.0125i	0.8554-0.1108i	0.0052+0.0042i	-0.0266+0.0045i	0.2183-0.0297i	0.0110+0.0016i	-0.0305+0.0088i	0.2494-0.0309i
11.7	-0.0064-0.0116i	0.9206-0.1032i	0.0042+0.0027i	-0.0253+0.0057i	0.2322-0.0184i	0.0091+0.0011i	-0.0295+0.0075i	0.2649-0.0189i
11.8	-0.0075-0.0116i	0.9703-0.1108i	0.0045+0.0033i	-0.0252+0.0057i	0.2469-0.0132i	0.0097+0.0012i	-0.0285+0.0060i	0.2782-0.0127i
11.9	-0.0080-0.0111i	1.0456-0.1128i	0.0042+0.0021i	-0.0273+0.0048i	0.2562-0.0109i	0.0098+0.0011i	-0.0304+0.0040i	0.2880-0.0101i

12.0	-0.0084-0.0110i	1.1153-0.1209i	0.0049+0.0022i	-0.0282+0.0031i	0.2647-0.0087i	0.0099+0.0013i	-0.0316+0.0023i	0.2997-0.0083i
12.1	-0.0089-0.0095i	1.1809-0.1215i	0.0050+0.0034i	-0.0297+0.0007i	0.2711-0.0010i	0.0095+0.0023i	-0.0333+0.0007i	0.3078-0.0022i
12.2	-0.0096-0.0100i	1.2441-0.1366i	0.0036+0.0022i	-0.0307+0.0000i	0.2771+0.0031i	0.0091+0.0025i	-0.0336+0.0006i	0.3152+0.0028i
12.3	-0.0109-0.0109i	1.3217-0.1504i	0.0021+0.0025i	-0.0328-0.0034i	0.2826+0.0044i	0.0091+0.0026i	-0.0340-0.0019i	0.3227+0.0085i
12.4	-0.0141-0.0117i	1.4127-0.1737i	0.0023+0.0025i	-0.0376-0.0055i	0.2824+0.0070i	0.0092+0.0036i	-0.0414-0.0043i	0.3281+0.0113i
12.5	-0.0173-0.0125i	1.4716-0.2059i	0.0011+0.0028i	-0.0455-0.0072i	0.2866+0.0139i	0.0102+0.0054i	-0.0480-0.0070i	0.3392+0.0154i
12.6	-0.0191-0.0098i	1.5102-0.2313i	0.0023+0.0033i	-0.0517-0.0082i	0.2934+0.0207i	0.0120+0.0057i	-0.0539-0.0085i	0.3488+0.0186i
12.7	-0.0227-0.0074i	1.5913-0.2314i	0.0034+0.0039i	-0.0658-0.0106i	0.2969+0.0241i	0.0147+0.0037i	-0.0676-0.0112i	0.3563+0.0206i
12.8	-0.0228-0.0029i	1.6562-0.2678i	0.0021+0.0020i	-0.0773-0.0002i	0.2986+0.0311i	0.0170+0.0017i	-0.0774-0.0023i	0.3605+0.0218i
12.9	-0.0221+0.0019i	1.7146-0.2907i	0.0018+0.0005i	-0.0874+0.0080i	0.3023+0.0406i	0.0208-0.0001i	-0.0864+0.0066i	0.3666+0.0239i
13.0	-0.0198+0.0024i	1.7908-0.3205i	0.0000+0.0015i	-0.0954+0.0205i	0.3090+0.0461i	0.0211-0.0022i	-0.0940+0.0200i	0.3737+0.0241i
13.1	-0.0157-0.0000i	1.8650-0.3353i	-0.0002+0.0027i	-0.1004+0.0414i	0.3194+0.0473i	0.0207-0.0064i	-0.0975+0.0404i	0.3835+0.0259i
13.2	-0.0149-0.0049i	1.9320-0.3429i	0.0005+0.0021i	-0.0973+0.0591i	0.3260+0.0485i	0.0200-0.0117i	-0.0932+0.0554i	0.3907+0.0280i
13.3	-0.0193-0.0074i	2.0232-0.3616i	0.0001+0.0020i	-0.0888+0.0735i	0.3271+0.0528i	0.0180-0.0162i	-0.0866+0.0678i	0.3960+0.0309i
13.4	-0.0286-0.0116i	2.1863-0.3719i	-0.0005+0.0038i	-0.0723+0.0870i	0.3294+0.0513i	0.0115-0.0212i	-0.0697+0.0792i	0.4082+0.0286i
13.5	-0.0359-0.0102i	2.2993-0.4029i	-0.0008+0.0008i	-0.0540+0.0850i	0.3343+0.0487i	0.0064-0.0237i	-0.0522+0.0759i	0.4206+0.0207i
13.6	-0.0444-0.0053i	2.4493-0.4605i	-0.0042-0.0017i	-0.0425+0.0819i	0.3362+0.0444i	-0.0001-0.0249i	-0.0424+0.0710i	0.4295+0.0071i
13.7	-0.0511+0.0033i	2.5714-0.5387i	-0.0071-0.0030i	-0.0362+0.0785i	0.3386+0.0453i	-0.0057-0.0232i	-0.0379+0.0638i	0.4358-0.0041i
13.8	-0.0559+0.0129i	2.6870-0.6475i	-0.0136-0.0032i	-0.0344+0.0776i	0.3461+0.0460i	-0.0142-0.0218i	-0.0385+0.0608i	0.4400-0.0135i
13.9	-0.0596+0.0199i	2.8453-0.7226i	-0.0157+0.0035i	-0.0388+0.0730i	0.3396+0.0406i	-0.0187-0.0160i	-0.0451+0.0595i	0.4363-0.0211i
14.0	-0.0648+0.0342i	3.0583-0.8627i	-0.0186+0.0071i	-0.0401+0.0756i	0.3217+0.0443i	-0.0221-0.0115i	-0.0456+0.0606i	0.4367-0.0312i
14.1	-0.0655+0.0491i	3.1909-1.0478i	-0.0169+0.0092i	-0.0376+0.0815i	0.3080+0.0549i	-0.0224-0.0073i	-0.0464+0.0661i	0.4283-0.0403i
14.2	-0.0599+0.0638i	3.2790-1.2397i	-0.0161+0.0097i	-0.0382+0.0871i	0.3032+0.0730i	-0.0220-0.0046i	-0.0480+0.0729i	0.4209-0.0452i
14.3	-0.0508+0.0768i	3.3543-1.4412i	-0.0148+0.0116i	-0.0411+0.0941i	0.3080+0.0920i	-0.0214+0.0004i	-0.0497+0.0796i	0.4137-0.0487i
14.4	-0.0403+0.0826i	3.4271-1.5842i	-0.0185+0.0146i	-0.0363+0.0961i	0.3141+0.1040i	-0.0227+0.0032i	-0.0458+0.0846i	0.4091-0.0509i
14.5	-0.0331+0.0896i	3.5356-1.7314i	-0.0193+0.0147i	-0.0318+0.0975i	0.3141+0.1060i	-0.0223+0.0037i	-0.0439+0.0884i	0.4030-0.0582i
14.6	-0.0343+0.1011i	3.7769-1.9852i	-0.0173+0.0169i	-0.0325+0.1068i	0.3047+0.1241i	-0.0212+0.0078i	-0.0453+0.0995i	0.3923-0.0681i
14.7	-0.0236+0.1184i	3.7695-2.3697i	-0.0184+0.0179i	-0.0230+0.1193i	0.3093+0.1539i	-0.0229+0.0089i	-0.0365+0.1121i	0.3824-0.0693i
14.8	-0.0016+0.1352i	3.6486-2.7397i	-0.0198+0.0201i	-0.0044+0.1289i	0.3275+0.1835i	-0.0250+0.0108i	-0.0181+0.1201i	0.3661-0.0704i
14.9	0.0333+0.1472i	3.2354-2.9616i	-0.0201+0.0211i	0.0217+0.1297i	0.3647+0.2080i	-0.0253+0.0141i	0.0070+0.1213i	0.3422-0.0630i
15.0	0.0595+0.1425i	3.0129-2.9425i	-0.0170+0.0250i	0.0354+0.1177i	0.3953+0.2085i	-0.0219+0.0181i	0.0206+0.1110i	0.3239-0.0562i
15.1	0.0879+0.1193i	2.8736-2.6886i	-0.0130+0.0238i	0.0454+0.0987i	0.4398+0.1849i	-0.0199+0.0198i	0.0304+0.0921i	0.3164-0.0393i
15.2	0.0991+0.0822i	3.0237-2.2140i	-0.0155+0.0194i	0.0418+0.0716i	0.4514+0.1350i	-0.0198+0.0178i	0.0281+0.0661i	0.3171-0.0203i
15.3	0.0895+0.0540i	3.4810-1.8824i	-0.0206+0.0157i	0.0247+0.0515i	0.4365+0.0973i	-0.0209+0.0131i	0.0105+0.0458i	0.3233-0.0051i
15.4	0.0753+0.0423i	4.1730-1.7712i	-0.0288+0.0152i	0.0028+0.0472i	0.4093+0.0792i	-0.0251+0.0109i	-0.0101+0.0420i	0.3290-0.0020i
15.5	0.0652+0.0373i	4.7924-1.7551i	-0.0325+0.0141i	-0.0150+0.0447i	0.3929+0.0626i	-0.0288+0.0102i	-0.0259+0.0412i	0.3317-0.0100i
15.6	0.0498+0.0460i	5.7083-2.2548i	-0.0393+0.0154i	-0.0403+0.0634i	0.3702+0.0633i	-0.0356+0.0101i	-0.0518+0.0600i	0.3409-0.0290i
15.7	0.0335+0.0646i	6.8235-3.2397i	-0.0521+0.0169i	-0.0660+0.1053i	0.3178+0.0825i	-0.0469+0.0081i	-0.0771+0.1009i	0.3286-0.0585i
15.8	0.0401+0.0915i	7.3020-4.6133i	-0.0641+0.0209i	-0.0621+0.1575i	0.2862+0.1155i	-0.0585+0.0083i	-0.0727+0.1533i	0.2919-0.0838i
15.9	0.0590+0.1124i	7.4701-5.9395i	-0.0774+0.0264i	-0.0387+0.2031i	0.2704+0.1435i	-0.0728+0.0098i	-0.0467+0.2005i	0.2404-0.1051i
16.0	0.0847+0.1144i	7.1619-6.7935i	-0.0861+0.0330i	0.0036+0.2175i	0.2764+0.1608i	-0.0836+0.0175i	-0.0031+0.2158i	0.1896-0.1034i
16.1	0.1211+0.1094i	6.5306-8.1072i	-0.1005+0.0478i	0.0592+0.2272i	0.2559+0.1714i	-0.1019+0.0327i	0.0536+0.2236i	0.0947-0.0891i
16.2	0.1515+0.0962i	5.8733-8.7074i	-0.1154+0.0607i	0.1099+0.2160i	0.2301+0.1688i	-0.1225+0.0448i	0.1053+0.2093i	0.0008-0.0578i
16.3	0.1724+0.0746i	5.9402-9.2086i	-0.1378+0.0806i	0.1424+0.1912i	0.1732+0.1744i	-0.1464+0.0664i	0.1380+0.1818i	-0.1003-0.0049i
16.4	0.1833+0.0496i	6.2653-10.0632i	-0.1533+0.1104i	0.1554+0.1657i	0.1103+0.2208i	-0.1633+0.0985i	0.1517+0.1541i	-0.1809+0.0850i
16.5	0.1875+0.0158i	6.4099-11.6243i	-0.1640+0.1519i	0.1635+0.1448i	0.0488+0.3277i	-0.1733+0.1402i	0.1584+0.1301i	-0.2529+0.2481i
16.6	0.1785-0.0246i	5.4450-15.0662i	-0.1654+0.2227i	0.1990+0.1397i	0.0220+0.5380i	-0.1785+0.2095i	0.1912+0.1182i	-0.2784+0.5174i
16.7	0.1633-0.0405i	3.2376-16.5680i	-0.1458+0.2691i	0.2302+0.1001i	0.0460+0.6498i	-0.1631+0.2559i	0.2196+0.0781i	-0.2417+0.6738i
16.8	0.1522-0.0592i	1.0659-17.4143i	-0.1202+0.3301i	0.2350+0.0360i	0.0907+0.8095i	-0.1406+0.3196i	0.2226+0.0104i	-0.1791+0.8870i
16.9	0.1292-0.0849i	-2.3717-18.9575i	-0.0364+0.4240i	0.1987-0.0321i	0.2725+1.0800i	-0.0548+0.4197i	0.1777-0.0614i	0.0658+1.2294i
17.0	0.0978-0.0962i	-6.2951-19.8944i	0.0711+0.4711i	0.1692-0.0559i	0.5618+1.2200i	0.0542+0.4689i	0.1389-0.0858i	0.4169+1.3969i
17.1	0.0630-0.0786i	-10.9420-16.4668i	0.1940+0.4073i	0.1308-0.0536i	0.8349+1.0742i	0.1761+0.4073i	0.0961-0.0736i	0.7703+1.2227i
17.2	0.0560-0.0566i	-12.4999-12.2560i	0.2606+0.3423i	0.0988-0.0622i	1.0330+0.9866i	0.2460+0.3458i	0.0613-0.0742i	0.9977+1.0849i
17.3	0.0530-0.0456i	-12.6606-9.6846i	0.3005+0.2771i	0.0653-0.0459i	1.1730+0.8343i	0.2866+0.2802i	0.0275-0.0539i	1.1539+0.9036i
17.4	0.0516-0.0390i	-12.5725-7.6420i	0.3162+0.2177i	0.0538-0.0263i	1.2285+0.6754i	0.3021+0.2201i	0.0166-0.0306i	1.2186+0.7246i
17.5	0.0474-0.0306i	-11.8213-5.5309i	0.3105+0.1573i	0.0518-0.0060i	1.2673+0.5373i	0.3008+0.1619i	0.0157-0.0080i	1.2588+0.5497i
17.6	0.0477-0.0232i	-11.0025-4.2826i	0.2991+0.1243i	0.0526-0.0027i	1.2798+0.4463i	0.2920+0.1295i	0.0185-0.0023i	1.2600+0.4473i
17.7	0.0506-0.0171i	-10.3125-3.4862i	0.2897+0.0995i	0.0526+0.0032i	1.2948+0.3830i	0.2832+0.1052i	0.0199+0.0069i	1.2655+0.3700i
17.8	0.0512-0.0100i	-9.7273-2.7591i	0.2839+0.0759i	0.0499+0.0091i	1.3229+0.3244i	0.2776+0.0808i	0.0185+0.0155i	1.2890+0.2928i
17.9	0.0561-0.0044i	-9.1214-2.1699i	0.2743+0.0562i	0.0518+0.0104i	1.3280+0.2639i	0.2687+0.0604i	0.0217+0.0188i	1.2857+0.2191i
18.0	0.0636+0.0035i	-8.5212-1.5274i	0.2654+0.0345i	0.0515+0.0119i	1.3057+0.1571i	0.2597+0.0366i	0.0210+0.0213i	1.2529+0.1107i
18.1	0.0725+0.0033i	-7.9919-1.1040i	0.2545+0.0148i	0.0486+0.0138i	1.2703+0.0690i	0.2498+0.0173i	0.0212+0.0226i	1.2099+0.0311i
18.2	0.0839+0.0005i	-7.3419-0.7750i	0.2399-0.0033i	0.0443+0.0205i	1.2195-0.0357i	0.2348-0.0026i	0.0206+0.0280i	1.1440-0.0622i

18.3	0.0941-0.0064i	-6.7582-0.5607i	0.2218-0.0175i	0.0461+0.0254i	1.1576-0.1282i	0.2179-0.0178i	0.0223+0.0343i	1.0713-0.1406i
18.4	0.0994-0.0147i	-6.2623-0.6525i	0.1984-0.0182i	0.0466+0.0299i	1.0404-0.1183i	0.1959-0.0174i	0.0246+0.0393i	0.9652-0.1193i
18.5	0.1022-0.0292i	-6.1908-0.9839i	0.1854+0.0030i	0.0489+0.0401i	0.9671+0.0160i	0.1809+0.0038i	0.0287+0.0438i	0.9049+0.0201i
18.6	0.0855-0.0464i	-6.7096-0.9394i	0.2120+0.0275i	0.0578+0.0446i	1.1285+0.2037i	0.2058+0.0312i	0.0347+0.0437i	1.0910+0.1973i
18.7	0.0737-0.0366i	-6.6440-0.2733i	0.2335-0.0032i	0.0662+0.0454i	1.2679+0.0552i	0.2257+0.0008i	0.0390+0.0496i	1.2256+0.0316i
18.8	0.0706-0.0300i	-6.1043+0.3288i	0.2283-0.0451i	0.0770+0.0525i	1.2846-0.1871i	0.2215-0.0421i	0.0496+0.0615i	1.2251-0.2123i
18.9	0.0752-0.0269i	-5.6628+0.5903i	0.2105-0.0593i	0.0809+0.0501i	1.2078-0.2711i	0.2056-0.0559i	0.0558+0.0621i	1.1386-0.2981i
19.0	0.0801-0.0206i	-5.3274+0.9016i	0.1933-0.0734i	0.0983+0.0447i	1.1465-0.3511i	0.1873-0.0694i	0.0759+0.0578i	1.0689-0.3843i
19.1	0.0808-0.0149i	-5.0100+0.9900i	0.1758-0.0760i	0.1113+0.0393i	1.0692-0.3699i	0.1694-0.0712i	0.0920+0.0504i	0.9862-0.4091i
19.2	0.0802-0.0166i	-4.7112+0.9462i	0.1633-0.0775i	0.1156+0.0361i	1.0188-0.3772i	0.1591-0.0705i	0.1007+0.0485i	0.9335-0.4124i
19.3	0.0884-0.0153i	-4.4263+0.9440i	0.1570-0.0766i	0.1210+0.0252i	1.0177-0.3655i	0.1541-0.0695i	0.1071+0.0389i	0.9201-0.4005i
19.4	0.0942-0.0132i	-4.1728+1.0413i	0.1524-0.0811i	0.1275+0.0066i	1.0072-0.4098i	0.1494-0.0742i	0.1113+0.0177i	0.8970-0.4399i
19.5	0.0951-0.0152i	-3.9422+1.0467i	0.1419-0.0872i	0.1302-0.0045i	0.9738-0.4676i	0.1423-0.0794i	0.1139+0.0098i	0.8562-0.4845i
19.6	0.0988-0.0147i	-3.6983+1.0422i	0.1294-0.0942i	0.1305-0.0183i	0.8997-0.5346i	0.1302-0.0856i	0.1190-0.0083i	0.7768-0.5339i
19.7	0.1089-0.0151i	-3.4319+0.9912i	0.1153-0.0974i	0.1263-0.0400i	0.8452-0.5702i	0.1207-0.0932i	0.1154-0.0265i	0.7150-0.5559i
19.8	0.1174-0.0165i	-3.1972+0.9637i	0.0985-0.1003i	0.1210-0.0547i	0.7616-0.6106i	0.1067-0.0970i	0.1059-0.0427i	0.6297-0.5827i
19.9	0.1261-0.0277i	-3.0045+0.8769i	0.0798-0.0971i	0.1062-0.0647i	0.6324-0.6140i	0.0863-0.0943i	0.0928-0.0550i	0.5078-0.5671i
20.0	0.1331-0.0359i	-2.8836+0.7915i	0.0650-0.0882i	0.0835-0.0720i	0.5232-0.5763i	0.0727-0.0885i	0.0737-0.0632i	0.4165-0.5150i
20.1	0.1337-0.0416i	-2.8210+0.7251i	0.0569-0.0797i	0.0649-0.0765i	0.4616-0.5397i	0.0638-0.0813i	0.0577-0.0669i	0.3759-0.4694i
20.2	0.1322-0.0504i	-2.7649+0.7176i	0.0507-0.0711i	0.0553-0.0712i	0.4227-0.5002i	0.0519-0.0761i	0.0483-0.0648i	0.3472-0.4337i
20.3	0.1316-0.0532i	-2.6565+0.7142i	0.0420-0.0613i	0.0462-0.0610i	0.3583-0.4530i	0.0394-0.0667i	0.0378-0.0544i	0.2925-0.4009i
20.4	0.1360-0.0550i	-2.5741+0.6580i	0.0356-0.0525i	0.0375-0.0564i	0.3038-0.3995i	0.0339-0.0575i	0.0320-0.0504i	0.2434-0.3511i
20.5	0.1422-0.0631i	-2.4709+0.6121i	0.0257-0.0416i	0.0310-0.0466i	0.2472-0.3510i	0.0232-0.0477i	0.0270-0.0392i	0.1883-0.3001i
20.6	0.1438-0.0696i	-2.3781+0.5526i	0.0192-0.0287i	0.0251-0.0343i	0.2000-0.2753i	0.0140-0.0348i	0.0200-0.0284i	0.1459-0.2276i
20.7	0.1485-0.0769i	-2.3434+0.5113i	0.0160-0.0135i	0.0175-0.0288i	0.1805-0.1886i	0.0101-0.0204i	0.0130-0.0263i	0.1283-0.1451i
20.8	0.1543-0.0875i	-2.3250+0.5100i	0.0159+0.0019i	0.0180-0.0172i	0.1748-0.0885i	0.0075-0.0054i	0.0151-0.0178i	0.1149-0.0524i
20.9	0.1531-0.1051i	-2.2306+0.4731i	0.0175+0.0088i	0.0297-0.0019i	0.1727-0.0396i	0.0087+0.0063i	0.0273-0.0032i	0.1089+0.0039i
21.0	0.1559-0.1261i	-2.1966+0.4384i	0.0164+0.0211i	0.0368+0.0107i	0.1528+0.0252i	0.0065+0.0184i	0.0343+0.0096i	0.0889+0.0767i
21.1	0.1594-0.1373i	-2.1912+0.4404i	0.0140+0.0350i	0.0293+0.0085i	0.1329+0.1062i	0.0030+0.0332i	0.0260+0.0051i	0.0808+0.1654i
21.2	0.1554-0.1469i	-2.1897+0.4224i	0.0135+0.0528i	0.0272+0.0002i	0.1241+0.2109i	0.0050+0.0512i	0.0242-0.0052i	0.0903+0.2721i
21.3	0.1385-0.1750i	-2.1457+0.5064i	0.0189+0.0725i	0.0638+0.0233i	0.1526+0.3192i	0.0062+0.0695i	0.0607+0.0178i	0.1107+0.3742i
21.4	0.1165-0.2035i	-2.0430+0.5699i	0.0331+0.0934i	0.0853+0.0428i	0.2476+0.4298i	0.0171+0.0923i	0.0800+0.0311i	0.1981+0.4856i
21.5	0.0917-0.2119i	-1.9274+0.5886i	0.0461+0.1052i	0.1107+0.0312i	0.3303+0.4965i	0.0289+0.1099i	0.1044+0.0182i	0.2813+0.5530i
21.6	0.0681-0.2163i	-1.8172+0.6116i	0.0576+0.1182i	0.1358+0.0260i	0.3922+0.5749i	0.0401+0.1244i	0.1291+0.0117i	0.3422+0.6223i
21.7	0.0484-0.2236i	-1.7309+0.5646i	0.0733+0.1316i	0.1453+0.0168i	0.4904+0.6484i	0.0572+0.1434i	0.1359-0.0005i	0.4405+0.6962i
21.8	0.0332-0.2291i	-1.6550+0.5468i	0.0904+0.1416i	0.1337+0.0067i	0.6009+0.6840i	0.0803+0.1551i	0.1242-0.0105i	0.5581+0.7386i
21.9	-0.0030-0.2135i	-1.5526+0.5047i	0.1131+0.1434i	0.1618-0.0525i	0.7234+0.6791i	0.1034+0.1614i	0.1494-0.0720i	0.6766+0.7557i
22.0	-0.0242-0.2035i	-1.4816+0.4424i	0.1344+0.1483i	0.1336-0.0810i	0.8398+0.6739i	0.1295+0.1678i	0.1194-0.1006i	0.8079+0.7595i
22.1	-0.0511-0.1848i	-1.4103+0.4264i	0.1556+0.1460i	0.1404-0.1062i	0.9524+0.6464i	0.1516+0.1671i	0.1218-0.1252i	0.9256+0.7329i
22.2	-0.0493-0.1693i	-1.3994+0.3893i	0.1749+0.1396i	0.0503-0.0895i	1.0428+0.6060i	0.1805+0.1578i	0.0310-0.1085i	1.0622+0.6696i
22.3	-0.0501-0.1584i	-1.3640+0.3692i	0.1895+0.1366i	0.0073-0.0747i	1.1076+0.5664i	0.2007+0.1524i	-0.0149-0.0937i	1.1480+0.6160i
22.4	-0.0619-0.1382i	-1.2923+0.3135i	0.2046+0.1270i	0.0192-0.0686i	1.1634+0.4819i	0.2158+0.1383i	-0.0095-0.0875i	1.2033+0.5282i
22.5	-0.0611-0.1287i	-1.2708+0.2710i	0.2138+0.1184i	0.0001-0.0381i	1.1949+0.4327i	0.2308+0.1257i	-0.0288-0.0574i	1.2441+0.4678i
22.6	-0.0504-0.1098i	-1.2855+0.2184i	0.2195+0.1070i	-0.0502-0.0368i	1.2070+0.3686i	0.2413+0.1113i	-0.0800-0.0543i	1.2737+0.4006i
22.7	-0.0491-0.1035i	-1.2597+0.1562i	0.2321+0.0955i	-0.0520+0.0312i	1.2365+0.3138i	0.2484+0.0920i	-0.0846+0.0168i	1.3073+0.3055i
22.8	-0.0546-0.0964i	-1.2334+0.1100i	0.2387+0.0884i	-0.0095+0.0549i	1.2669+0.2859i	0.2526+0.0819i	-0.0431+0.0414i	1.3100+0.2594i
22.9	-0.0587-0.0877i	-1.2368+0.1113i	0.2443+0.0820i	0.0461+0.0751i	1.2869+0.2508i	0.2518+0.0690i	0.0100+0.0613i	1.3031+0.2022i
23.0	-0.0606-0.0813i	-1.2336+0.1270i	0.2435+0.0818i	0.0813+0.0835i	1.2588+0.2417i	0.2469+0.0674i	0.0487+0.0713i	1.2728+0.1760i
23.1	-0.0611-0.0689i	-1.1591+0.0943i	0.2571+0.0751i	0.1111+0.0679i	1.3123+0.2160i	0.2578+0.0631i	0.0771+0.0577i	1.3000+0.1580i
23.2	-0.0600-0.0551i	-1.1494+0.0450i	0.2632+0.0622i	0.1189+0.0480i	1.3369+0.1582i	0.2609+0.0525i	0.0833+0.0418i	1.3097+0.1139i
23.3	-0.0591-0.0410i	-1.1449-0.0177i	0.2654+0.0550i	0.1426+0.0146i	1.3396+0.1207i	0.2621+0.0474i	0.1039+0.0099i	1.3062+0.0829i
23.4	-0.0548-0.0281i	-1.1549-0.0463i	0.2703+0.0476i	0.1524-0.0173i	1.3474+0.0836i	0.2648+0.0422i	0.1140-0.0243i	1.3148+0.0634i
23.5	-0.0481-0.0191i	-1.1600-0.1022i	0.2769+0.0428i	0.1583-0.0300i	1.3665+0.0601i	0.2711+0.0395i	0.1198-0.0350i	1.3246+0.0421i
23.6	-0.0400-0.0014i	-1.1664-0.1309i	0.2819+0.0323i	0.1521-0.0760i	1.3790+0.0013i	0.2787+0.0317i	0.1137-0.0780i	1.3401+0.0022i
23.7	-0.0290+0.0138i	-1.1787-0.1318i	0.2846+0.0232i	0.1405-0.1117i	1.3770-0.0445i	0.2801+0.0221i	0.1013-0.1124i	1.3491-0.0348i
23.8	-0.0155+0.0290i	-1.1823-0.1595i	0.2876+0.0122i	0.1221-0.1529i	1.3848-0.0928i	0.2838+0.0179i	0.0824-0.1491i	1.3563-0.0776i
23.9	0.0045+0.0348i	-1.2189-0.1770i	0.2861+0.0015i	0.0819-0.1709i	1.3586-0.1407i	0.2870+0.0078i	0.0424-0.1664i	1.3438-0.1252i
24.0	0.0286+0.0339i	-1.2254-0.1610i	0.2813-0.0075i	0.0296-0.1670i	1.3204-0.1793i	0.2826-0.0041i	-0.0098-0.1622i	1.3078-0.1659i
24.1	0.0464+0.0291i	-1.2171-0.1431i	0.2756-0.0122i	0.0032-0.1522i	1.2756-0.1879i	0.2793-0.0095i	-0.0360-0.1467i	1.2707-0.1864i
24.2	0.0579+0.0228i	-1.1982-0.1240i	0.2694-0.0143i	-0.0130-0.1405i	1.2376-0.2006i	0.2738-0.0124i	-0.0502-0.1350i	1.2364-0.2002i
24.3	0.0697+0.0116i	-1.1891-0.1285i	0.2658-0.0123i	-0.0349-0.1253i	1.2173-0.1943i	0.2685-0.0148i	-0.0691-0.1219i	1.2138-0.1910i
24.4	0.0828-0.0036i	-1.1993-0.1155i	0.2633-0.0064i	-0.0611-0.1021i	1.1913-0.1408i	0.2683-0.0104i	-0.0910-0.0972i	1.1872-0.1400i
24.5	0.0832-0.0188i	-1.2284-0.1327i	0.2593-0.0023i	-0.0525-0.0781i	1.1640-0.1316i	0.2671-0.0066i	-0.0885-0.0740i	1.1689-0.1239i

24.6	0.0806-0.0310i	-1.2273-0.1224i	0.2639+0.0032i	-0.0420-0.0563i	1.1750-0.0960i	0.2694+0.0021i	-0.0741-0.0535i	1.1847-0.0932i
24.7	0.0754-0.0383i	-1.2345-0.1029i	0.2732+0.0062i	-0.0352-0.0450i	1.2062-0.0728i	0.2798+0.0040i	-0.0681-0.0426i	1.2250-0.0755i
24.8	0.0731-0.0437i	-1.2501-0.0839i	0.2805+0.0094i	-0.0243-0.0363i	1.2226-0.0478i	0.2860+0.0049i	-0.0594-0.0358i	1.2431-0.0601i
24.9	0.0739-0.0392i	-1.2494-0.0727i	0.2861+0.0043i	-0.0210-0.0303i	1.2386-0.0691i	0.2887-0.0017i	-0.0556-0.0295i	1.2621-0.0928i
25.0	0.0781-0.0371i	-1.2731-0.0433i	0.2909-0.0010i	-0.0229-0.0289i	1.2355-0.0910i	0.2914-0.0096i	-0.0583-0.0250i	1.2708-0.1242i
25.1	0.0813-0.0467i	-1.2631-0.0001i	0.2938+0.0003i	-0.0245-0.0224i	1.2495-0.0806i	0.2972-0.0088i	-0.0598-0.0211i	1.2810-0.1244i
25.2	0.0876-0.0509i	-1.2148+0.0520i	0.2975+0.0010i	-0.0220-0.0176i	1.2750-0.0758i	0.2998-0.0081i	-0.0580-0.0153i	1.2939-0.1232i
25.3	0.0941-0.0521i	-1.2184+0.0994i	0.2905+0.0004i	-0.0240-0.0203i	1.2319-0.0833i	0.2925-0.0076i	-0.0618-0.0195i	1.2602-0.1316i
25.4	0.0878-0.0706i	-1.1782+0.1460i	0.2970+0.0060i	-0.0205-0.0089i	1.2375-0.0521i	0.2995-0.0011i	-0.0571-0.0089i	1.2711-0.0963i
25.5	0.0811-0.0771i	-1.1639+0.1414i	0.3114+0.0120i	-0.0192-0.0111i	1.2843-0.0294i	0.3150+0.0034i	-0.0556-0.0135i	1.3230-0.0692i
25.6	0.0662-0.0783i	-1.0807+0.1927i	0.3361+0.0146i	-0.0063-0.0122i	1.3635-0.0072i	0.3376+0.0054i	-0.0489-0.0131i	1.4167-0.0653i
25.7	0.0558-0.0797i	-1.0562+0.2635i	0.3491+0.0161i	-0.0104-0.0144i	1.3912+0.0194i	0.3514+0.0070i	-0.0526-0.0185i	1.4662-0.0766i
25.8	0.0590-0.0740i	-0.9989+0.3106i	0.3503+0.0030i	-0.0157-0.0144i	1.3826-0.0116i	0.3526-0.0064i	-0.0586-0.0167i	1.4483-0.1413i
25.9	0.0640-0.0746i	-0.8934+0.3542i	0.3610+0.0027i	-0.0250-0.0120i	1.4149-0.0025i	0.3623-0.0083i	-0.0682-0.0113i	1.4615-0.1536i
26.0	0.0606-0.0765i	-0.8135+0.3422i	0.3760+0.0004i	-0.0326-0.0043i	1.4668+0.0086i	0.3770-0.0120i	-0.0772-0.0061i	1.5059-0.1560i
26.1	0.0536-0.0666i	-0.7094+0.3660i	0.3962-0.0103i	-0.0408+0.0045i	1.5139-0.0097i	0.3965-0.0284i	-0.0879+0.0064i	1.5551-0.2231i
26.2	0.0550-0.0614i	-0.5895+0.3774i	0.4092-0.0259i	-0.0496+0.0144i	1.5515-0.0465i	0.4090-0.0431i	-0.0952+0.0220i	1.5722-0.2940i
26.3	0.0645-0.0603i	-0.4501+0.3556i	0.4136-0.0415i	-0.0591+0.0406i	1.5678-0.0566i	0.4123-0.0603i	-0.1069+0.0449i	1.5459-0.3375i
26.4	0.0734-0.0708i	-0.3221+0.2731i	0.4154-0.0546i	-0.0613+0.0780i	1.5629-0.0405i	0.4126-0.0747i	-0.1103+0.0833i	1.5075-0.3536i
26.5	0.0831-0.0776i	-0.2356+0.2183i	0.4117-0.0626i	-0.0682+0.1087i	1.5475-0.0136i	0.4098-0.0857i	-0.1147+0.1143i	1.4627-0.3588i
26.6	0.0845-0.0981i	-0.1399+0.0914i	0.4077-0.0637i	-0.0226+0.1738i	1.6252+0.0900i	0.4018-0.0943i	-0.0688+0.1765i	1.4244-0.2991i
26.7	0.0702-0.1163i	-0.0918-0.0332i	0.4137-0.0582i	0.0525+0.1946i	1.7825+0.1477i	0.3994-0.0882i	0.0037+0.1949i	1.4542-0.2228i
26.8	0.0442-0.1272i	-0.0593-0.1566i	0.4315-0.0528i	0.1257+0.1781i	1.9966+0.1197i	0.4101-0.0818i	0.0730+0.1768i	1.5622-0.1702i
26.9	0.0164-0.1162i	-0.0978-0.2356i	0.4512-0.0661i	0.1702+0.1186i	2.1506-0.0588i	0.4254-0.0933i	0.1160+0.1229i	1.6755-0.2270i
27.0	0.0003-0.1012i	-0.1104-0.3135i	0.4670-0.0810i	0.1848+0.0675i	2.2260-0.2304i	0.4394-0.1047i	0.1230+0.0710i	1.7483-0.2946i
27.1	-0.0052-0.0850i	-0.0888-0.3611i	0.4742-0.0989i	0.1771+0.0338i	2.2195-0.3743i	0.4447-0.1221i	0.1113+0.0374i	1.7725-0.3630i
27.2	-0.0082-0.0720i	-0.0710-0.4328i	0.4785-0.1127i	0.1695+0.0138i	2.2090-0.4736i	0.4482-0.1352i	0.1016+0.0223i	1.7828-0.4145i
27.3	-0.0079-0.0563i	-0.0814-0.5384i	0.4809-0.1296i	0.1613+0.0012i	2.1865-0.5847i	0.4473-0.1486i	0.0935+0.0105i	1.7849-0.4686i
27.4	-0.0019-0.0449i	-0.1331-0.6014i	0.4788-0.1397i	0.1596-0.0043i	2.1427-0.6368i	0.4459-0.1530i	0.0883+0.0052i	1.7773-0.4909i
27.5	0.0027-0.0356i	-0.1614-0.6370i	0.4864-0.1425i	0.1607-0.0163i	2.1350-0.6635i	0.4499-0.1555i	0.0897-0.0027i	1.7926-0.4969i
27.6	0.0025-0.0307i	-0.1433-0.6822i	0.4968-0.1509i	0.1685-0.0258i	2.1649-0.7218i	0.4560-0.1635i	0.0962-0.0096i	1.8199-0.5228i
27.7	0.0070-0.0223i	-0.1452-0.8252i	0.5047-0.1729i	0.1760-0.0481i	2.1704-0.8389i	0.4607-0.1775i	0.1011-0.0251i	1.8367-0.5693i
27.8	0.0162-0.0146i	-0.2255-0.9088i	0.5079-0.1876i	0.1665-0.0741i	2.1346-0.9165i	0.4610-0.1845i	0.0903-0.0488i	1.8512-0.5917i
27.9	0.0264-0.0072i	-0.3445-0.9672i	0.5094-0.1996i	0.1532-0.0945i	2.0972-0.9807i	0.4619-0.1936i	0.0785-0.0688i	1.8853-0.6131i
28.0	0.0350-0.0029i	-0.4580-1.0245i	0.5179-0.2119i	0.1366-0.1075i	2.0705-1.0389i	0.4700-0.2018i	0.0615-0.0785i	1.9376-0.6426i
28.1	0.0485-0.0079i	-0.5821-0.9929i	0.5179-0.2234i	0.1162-0.1186i	2.0173-1.0972i	0.4735-0.2119i	0.0410-0.0869i	1.9923-0.7110i
28.2	0.0432-0.0212i	-0.6370-0.9054i	0.5139-0.2320i	0.0961-0.1250i	1.9417-1.1314i	0.4707-0.2174i	0.0222-0.0900i	2.0013-0.7824i
28.3	0.0285-0.0159i	-0.6185-0.8958i	0.5101-0.2376i	0.0788-0.1242i	1.8838-1.1198i	0.4726-0.2158i	0.0062-0.0849i	1.9772-0.8231i
28.4	0.0271+0.0028i	-0.6763-0.8880i	0.5131-0.2467i	0.0628-0.1143i	1.8541-1.1087i	0.4863-0.2247i	-0.0116-0.0733i	1.9909-0.8719i
28.5	0.0469+0.0087i	-0.7163-0.8214i	0.5209-0.2513i	0.0550-0.1029i	1.8567-1.0905i	0.4957-0.2299i	-0.0217-0.0598i	2.0112-0.9078i
28.6	0.0523+0.0040i	-0.7316-0.7789i	0.5361-0.2586i	0.0490-0.0905i	1.8795-1.0851i	0.5105-0.2385i	-0.0294-0.0468i	2.0464-0.9492i
28.7	0.0542+0.0054i	-0.7007-0.7194i	0.5499-0.2746i	0.0490-0.0822i	1.9134-1.1132i	0.5288-0.2567i	-0.0275-0.0353i	2.0797-1.0311i
28.8	0.0577+0.0088i	-0.6688-0.6984i	0.5624-0.2905i	0.0529-0.0822i	1.9474-1.1552i	0.5402-0.2739i	-0.0242-0.0335i	2.1080-1.1006i
28.9	0.0610+0.0073i	-0.6375-0.6488i	0.5677-0.3174i	0.0562-0.0761i	1.9588-1.2100i	0.5466-0.3025i	-0.0195-0.0218i	2.1068-1.2045i
29.0	0.0657+0.0120i	-0.6061-0.6633i	0.5757-0.3422i	0.0596-0.0766i	1.9765-1.2775i	0.5533-0.3266i	-0.0153-0.0139i	2.1155-1.3002i
29.1	0.0621+0.0178i	-0.5607-0.6724i	0.5885-0.3701i	0.0669-0.0787i	2.0086-1.3545i	0.5676-0.3560i	-0.0115-0.0101i	2.1320-1.4034i
29.2	0.0613+0.0205i	-0.5323-0.6940i	0.5874-0.3936i	0.0708-0.0811i	1.9870-1.4227i	0.5645-0.3803i	-0.0054-0.0104i	2.0969-1.4888i
29.3	0.0638+0.0300i	-0.4841-0.7469i	0.5877-0.4298i	0.0725-0.0882i	1.9801-1.5227i	0.5601-0.4167i	0.0004-0.0111i	2.0718-1.6097i
29.4	0.0723+0.0395i	-0.4598-0.7852i	0.5814-0.4606i	0.0703-0.0945i	1.9487-1.6064i	0.5550-0.4455i	0.0019-0.0124i	2.0250-1.7054i
29.5	0.0845+0.0492i	-0.4822-0.8251i	0.5644-0.4936i	0.0661-0.1017i	1.8768-1.6936i	0.5380-0.4740i	0.0030-0.0164i	1.9395-1.8034i
29.6	0.0941+0.0557i	-0.4710-0.8499i	0.5499-0.5154i	0.0618-0.1059i	1.8149-1.7427i	0.5210-0.4969i	0.0041-0.0172i	1.8610-1.8703i
29.7	0.0988+0.0565i	-0.4836-0.8832i	0.5397-0.5380i	0.0594-0.1113i	1.7720-1.7954i	0.5107-0.5203i	0.0070-0.0182i	1.8088-1.9429i
29.8	0.1081+0.0673i	-0.5122-0.9155i	0.5204-0.5689i	0.0505-0.1169i	1.6998-1.8561i	0.4911-0.5462i	0.0058-0.0223i	1.7166-2.0170i
29.9	0.1330+0.0741i	-0.5688-0.9838i	0.4789-0.6139i	0.0334-0.1238i	1.5647-1.9640i	0.4503-0.5851i	-0.0026-0.0218i	1.5520-2.1398i
30.0	0.1413+0.0725i	-0.5675-0.9453i	0.4621-0.6166i	0.0365-0.1259i	1.5379-1.9306i	0.4313-0.5864i	0.0092-0.0254i	1.4857-2.1231i
30.1	0.1586+0.0767i	-0.5770-0.9725i	0.4388-0.6395i	0.0288-0.1322i	1.4717-1.9666i	0.4054-0.6084i	0.0075-0.0334i	1.3786-2.1745i
30.2	0.1767+0.0605i	-0.6195-0.9868i	0.3932-0.6421i	0.0110-0.1291i	1.3708-1.9516i	0.3665-0.6078i	-0.0005-0.0361i	1.2305-2.1359i
30.3	0.1828+0.0455i	-0.6059-0.9692i	0.3503-0.6300i	-0.0005-0.1243i	1.2857-1.9185i	0.3281-0.5944i	-0.0059-0.0402i	1.1141-2.0566i
30.4	0.1830+0.0455i	-0.5995-0.9701i	0.3365-0.6274i	-0.0070-0.1224i	1.2558-1.9307i	0.3134-0.5900i	-0.0114-0.0397i	1.0956-2.0435i
30.5	0.1852+0.0499i	-0.6163-1.0273i	0.3252-0.6404i	-0.0181-0.1212i	1.2039-2.0085i	0.3002-0.6005i	-0.0160-0.0403i	1.0744-2.1086i
30.6	0.1953+0.0476i	-0.6767-1.0605i	0.2887-0.6463i	-0.0266-0.1073i	1.0667-2.0217i	0.2698-0.6009i	-0.0170-0.0356i	0.9512-2.1410i
30.7	0.2075+0.0449i	-0.7504-1.0599i	0.2520-0.6379i	-0.0304-0.0955i	0.9313-1.9765i	0.2399-0.5908i	-0.0199-0.0310i	0.8165-2.1177i
30.8	0.2126+0.0409i	-0.8170-1.0177i	0.2147-0.6217i	-0.0329-0.0871i	0.8049-1.9094i	0.2098-0.5740i	-0.0228-0.0292i	0.6842-2.0741i

30.9	0.2143+0.0406i	-0.8424-0.9546i	0.1935-0.5950i	-0.0330-0.0791i	0.7486-1.7968i	0.1953-0.5460i	-0.0223-0.0270i	0.6073-1.9827i
31.0	0.2260+0.0414i	-0.8539-0.9112i	0.1773-0.5766i	-0.0366-0.0761i	0.7254-1.7134i	0.1837-0.5286i	-0.0260-0.0306i	0.5452-1.8981i
31.1	0.2321+0.0461i	-0.8736-0.8700i	0.1693-0.5612i	-0.0349-0.0716i	0.7228-1.6432i	0.1821-0.5170i	-0.0310-0.0308i	0.5246-1.8330i
31.2	0.2444+0.0546i	-0.8735-0.8337i	0.1588-0.5339i	-0.0352-0.0701i	0.7217-1.5630i	0.1757-0.4988i	-0.0345-0.0317i	0.4905-1.7698i
31.3	0.2667+0.0557i	-0.8535-0.7673i	0.1509-0.5046i	-0.0372-0.0685i	0.7096-1.4772i	0.1673-0.4731i	-0.0389-0.0311i	0.4380-1.6964i
31.4	0.2845+0.0511i	-0.8303-0.7136i	0.1475-0.4790i	-0.0387-0.0646i	0.7232-1.4102i	0.1663-0.4538i	-0.0435-0.0251i	0.4120-1.6247i
31.5	0.3009+0.0390i	-0.7762-0.6871i	0.1613-0.4520i	-0.0472-0.0592i	0.7862-1.3445i	0.1812-0.4306i	-0.0538-0.0224i	0.4325-1.5327i
31.6	0.3161+0.0283i	-0.7475-0.6514i	0.1692-0.4309i	-0.0574-0.0433i	0.8362-1.3094i	0.1959-0.4188i	-0.0676-0.0070i	0.4396-1.4739i
31.7	0.3197+0.0184i	-0.7100-0.6209i	0.1718-0.4140i	-0.0638-0.0350i	0.8485-1.2895i	0.2045-0.4107i	-0.0746+0.0022i	0.4385-1.4331i
31.8	0.3319+0.0079i	-0.6355-0.6063i	0.1930-0.3897i	-0.0599-0.0160i	0.9006-1.2446i	0.2183-0.3991i	-0.0721+0.0177i	0.4514-1.3499i
31.9	0.3434+0.0091i	-0.5721-0.5963i	0.2063-0.3762i	-0.0598-0.0016i	0.9344-1.2181i	0.2276-0.3979i	-0.0730+0.0314i	0.4481-1.3041i
32.0	0.3637+0.0034i	-0.5009-0.5965i	0.2224-0.3610i	-0.0594+0.0131i	0.9860-1.2063i	0.2384-0.3942i	-0.0737+0.0453i	0.4724-1.2528i
32.1	0.3827-0.0121i	-0.4177-0.6216i	0.2443-0.3476i	-0.0460+0.0253i	1.0302-1.1806i	0.2473-0.3824i	-0.0627+0.0593i	0.4879-1.1866i
32.2	0.3986-0.0320i	-0.3770-0.6435i	0.2572-0.3368i	-0.0352+0.0342i	1.0467-1.1777i	0.2479-0.3738i	-0.0522+0.0682i	0.4845-1.1308i
32.3	0.4138-0.0463i	-0.2994-0.6703i	0.2761-0.3217i	-0.0288+0.0531i	1.0811-1.1602i	0.2535-0.3648i	-0.0466+0.0843i	0.4915-1.0635i
32.4	0.4392-0.0664i	-0.2309-0.7178i	0.3006-0.3071i	-0.0164+0.0810i	1.1215-1.1634i	0.2580-0.3619i	-0.0334+0.1117i	0.4822-1.0141i
32.5	0.4552-0.1024i	-0.1906-0.7877i	0.3330-0.3047i	0.0196+0.0822i	1.1575-1.1612i	0.2647-0.3442i	0.0003+0.1121i	0.5053-0.9190i
32.6	0.4660-0.1362i	-0.1574-0.8626i	0.3679-0.3002i	0.0430+0.0849i	1.2143-1.1467i	0.2865-0.3228i	0.0215+0.1091i	0.5688-0.8107i
32.7	0.4688-0.1823i	-0.1218-0.9639i	0.4014-0.3043i	0.0597+0.0759i	1.2724-1.1473i	0.3145-0.3055i	0.0370+0.0976i	0.6662-0.7226i
32.8	0.4626-0.2211i	-0.1033-1.0629i	0.4392-0.3169i	0.0784+0.0578i	1.3523-1.1680i	0.3495-0.2924i	0.0508+0.0809i	0.7890-0.6391i
32.9	0.4514-0.2739i	-0.1055-1.1697i	0.4778-0.3309i	0.0874+0.0409i	1.4271-1.1978i	0.3942-0.2785i	0.0554+0.0612i	0.9307-0.5549i
33.0	0.4220-0.3301i	-0.1394-1.2636i	0.5188-0.3275i	0.0902+0.0452i	1.5014-1.2087i	0.4520-0.2620i	0.0556+0.0658i	1.1215-0.4490i
33.1	0.3581-0.3729i	-0.2406-1.3415i	0.5545-0.3425i	0.1031+0.0435i	1.5304-1.2504i	0.5055-0.2653i	0.0619+0.0627i	1.3536-0.4354i
33.2	0.2884-0.3860i	-0.3323-1.3585i	0.6014-0.3628i	0.1250+0.0589i	1.5907-1.3042i	0.5669-0.3018i	0.0779+0.0800i	1.5871-0.5301i
33.3	0.2250-0.3641i	-0.3943-1.3622i	0.6456-0.4000i	0.1550+0.0633i	1.6461-1.3721i	0.6154-0.3611i	0.1037+0.0902i	1.7594-0.7085i
33.4	0.1732-0.3176i	-0.4422-1.3413i	0.6812-0.4571i	0.1837+0.0430i	1.6822-1.4470i	0.6498-0.4261i	0.1310+0.0795i	1.8906-0.9427i
33.5	0.1243-0.2479i	-0.4785-1.2946i	0.7149-0.5373i	0.2208-0.0079i	1.7066-1.5388i	0.6759-0.4979i	0.1648+0.0319i	1.9957-1.2109i
33.6	0.1175-0.1819i	-0.4696-1.2824i	0.7266-0.6047i	0.2316-0.0534i	1.7375-1.6156i	0.6807-0.5696i	0.1754-0.0105i	1.9892-1.4571i
33.7	0.1315-0.1278i	-0.4950-1.2886i	0.7120-0.6751i	0.2238-0.1091i	1.7419-1.7130i	0.6581-0.6370i	0.1645-0.0637i	1.9023-1.6674i
33.8	0.1576-0.0797i	-0.5553-1.2234i	0.6667-0.7218i	0.1643-0.1508i	1.7180-1.7684i	0.6197-0.6718i	0.1024-0.0991i	1.7459-1.8062i
33.9	0.1952-0.0264i	-0.5463-1.0606i	0.6311-0.7369i	0.1074-0.1370i	1.7110-1.7839i	0.5911-0.6816i	0.0396-0.0757i	1.6082-1.8863i
34.0	0.2581+0.0038i	-0.3998-1.0005i	0.6107-0.7551i	0.0932-0.1146i	1.6918-1.8457i	0.5773-0.7000i	0.0312-0.0470i	1.4866-1.9353i
34.1	0.3186-0.0008i	-0.2612-1.0471i	0.6002-0.7796i	0.0926-0.1078i	1.6926-1.9213i	0.5664-0.7182i	0.0381-0.0381i	1.3716-1.9611i
34.2	0.3711-0.0179i	-0.1826-1.1338i	0.5816-0.7869i	0.0957-0.0960i	1.6688-1.9551i	0.5459-0.7262i	0.0468-0.0300i	1.2445-1.9352i
34.3	0.3914-0.0405i	-0.2094-1.2086i	0.5598-0.7868i	0.0976-0.0913i	1.6123-1.9834i	0.5280-0.7292i	0.0504-0.0230i	1.1779-1.8736i
34.4	0.4246-0.0650i	-0.1228-1.2800i	0.5668-0.7940i	0.0925-0.1001i	1.6070-2.0164i	0.5338-0.7328i	0.0484-0.0317i	1.1561-1.7872i
34.5	0.4497-0.0845i	-0.0575-1.3233i	0.5823-0.7971i	0.1031-0.1054i	1.6350-2.0399i	0.5466-0.7259i	0.0579-0.0376i	1.1413-1.7039i
34.6	0.4702-0.1004i	-0.0342-1.3881i	0.5917-0.8092i	0.1031-0.1027i	1.6441-2.0594i	0.5606-0.7352i	0.0558-0.0362i	1.1594-1.6613i
34.7	0.4866-0.1175i	-0.0199-1.4522i	0.6038-0.8269i	0.1049-0.1106i	1.6502-2.1100i	0.5705-0.7486i	0.0599-0.0419i	1.1991-1.6268i
34.8	0.5011-0.1434i	-0.0067-1.5468i	0.6204-0.8561i	0.1020-0.1197i	1.6687-2.1883i	0.5943-0.7665i	0.0527-0.0515i	1.2697-1.6059i
34.9	0.5196-0.1713i	0.0440-1.6570i	0.6426-0.8957i	0.0925-0.1263i	1.6992-2.2774i	0.6259-0.7950i	0.0405-0.0585i	1.3562-1.6097i
35.0	0.5278-0.1905i	0.0746-1.7270i	0.6541-0.9281i	0.0799-0.1301i	1.6841-2.3263i	0.6460-0.8276i	0.0329-0.0602i	1.4266-1.6433i
35.1	0.5415-0.2058i	0.1002-1.8268i	0.6642-0.9668i	0.0813-0.1286i	1.6753-2.3902i	0.6625-0.8654i	0.0332-0.0560i	1.4732-1.6911i
35.2	0.5570-0.2322i	0.0955-1.9195i	0.6782-0.9933i	0.0776-0.1306i	1.6593-2.4433i	0.6841-0.8888i	0.0270-0.0548i	1.5347-1.7018i
35.3	0.5541-0.2527i	0.0524-2.0162i	0.6838-1.0320i	0.0778-0.1282i	1.6433-2.5060i	0.7011-0.9325i	0.0233-0.0521i	1.6090-1.7602i
35.4	0.5610-0.2696i	0.0560-2.1485i	0.6966-1.0846i	0.0749-0.1260i	1.6300-2.5841i	0.7232-0.9877i	0.0201-0.0467i	1.6723-1.8519i
35.5	0.5640-0.2879i	-0.0215-2.2908i	0.6906-1.1416i	0.0732-0.1222i	1.5945-2.6506i	0.7269-1.0517i	0.0208-0.0369i	1.7179-1.9646i
35.6	0.5630-0.3013i	-0.1165-2.3590i	0.6802-1.1912i	0.0762-0.1159i	1.5865-2.6842i	0.7238-1.1133i	0.0241-0.0266i	1.7350-2.0866i
35.7	0.5749-0.3148i	-0.1853-2.4744i	0.6721-1.2496i	0.0824-0.1169i	1.5772-2.7531i	0.7171-1.1779i	0.0281-0.0239i	1.7291-2.1994i
35.8	0.6006-0.3257i	-0.2258-2.5959i	0.6615-1.3152i	0.0902-0.1158i	1.6039-2.8391i	0.7054-1.2455i	0.0338-0.0214i	1.7034-2.3111i
35.9	0.6137-0.3574i	-0.3078-2.6844i	0.6379-1.3731i	0.0961-0.1169i	1.5795-2.9472i	0.6851-1.3078i	0.0397-0.0170i	1.6726-2.4253i
36.0	0.6241-0.3809i	-0.4602-2.8131i	0.6019-1.4502i	0.1011-0.1241i	1.5101-3.0771i	0.6500-1.3961i	0.0511-0.0195i	1.6267-2.5577i
36.1	0.6414-0.3978i	-0.5758-2.8914i	0.5615-1.5103i	0.1046-0.1321i	1.4551-3.1752i	0.6097-1.4624i	0.0576-0.0211i	1.5545-2.6630i
36.2	0.6555-0.4355i	-0.6826-2.9402i	0.5118-1.5474i	0.1100-0.1365i	1.3868-3.2675i	0.5553-1.5010i	0.0649-0.0231i	1.4541-2.6979i
36.3	0.6633-0.4716i	-0.7951-3.0026i	0.4678-1.5927i	0.1148-0.1432i	1.3106-3.3611i	0.5121-1.5480i	0.0731-0.0304i	1.4041-2.7514i
36.4	0.6735-0.5182i	-0.8976-3.0414i	0.4308-1.6385i	0.1185-0.1505i	1.2487-3.4395i	0.4771-1.5972i	0.0798-0.0316i	1.3573-2.8184i
36.5	0.6712-0.5830i	-1.1319-3.0882i	0.3529-1.6800i	0.1190-0.1587i	1.0843-3.5375i	0.3925-1.6447i	0.0871-0.0381i	1.2455-2.8775i
36.6	0.6596-0.6097i	-1.2637-3.0967i	0.2969-1.7049i	0.1223-0.1695i	0.9551-3.5857i	0.3364-1.6673i	0.0949-0.0472i	1.1684-2.9234i
36.7	0.6553-0.6367i	-1.4455-3.0527i	0.2183-1.7170i	0.1257-0.1825i	0.7956-3.6141i	0.2611-1.6804i	0.1051-0.0584i	1.0613-2.9393i
36.8	0.6361-0.6688i	-1.5419-2.9878i	0.1770-1.7201i	0.1276-0.1925i	0.6930-3.6016i	0.2219-1.6859i	0.1062-0.0703i	0.9950-2.9473i
36.9	0.6134-0.7041i	-1.6756-2.9179i	0.1267-1.7314i	0.1258-0.2071i	0.5558-3.5848i	0.1753-1.7046i	0.1087-0.0849i	0.9024-2.9625i
37.0	0.5973-0.7140i	-1.7993-2.7992i	0.0832-1.7088i	0.1257-0.2150i	0.4618-3.5072i	0.1305-1.6916i	0.1110-0.0952i	0.8386-2.9170i
37.1	0.5996-0.7552i	-1.7537-2.6649i	0.0883-1.7101i	0.1326-0.2291i	0.4583-3.4719i	0.1266-1.7018i	0.1195-0.1099i	0.8153-2.9067i

37.2	0.5959-0.7965i	-1.7263-2.6763i	0.0797-1.7484i	0.1357-0.2465i	0.4351-3.5112i	0.1160-1.7412i	0.1240-0.1273i	0.7862-2.9303i
37.3	0.5830-0.8293i	-1.7359-2.7057i	0.0651-1.7821i	0.1438-0.2709i	0.3822-3.5396i	0.0981-1.7738i	0.1331-0.1475i	0.7346-2.9167i
37.4	0.5640-0.8565i	-1.7805-2.7522i	0.0262-1.8102i	0.1392-0.2876i	0.3182-3.5593i	0.0563-1.8046i	0.1327-0.1641i	0.6685-2.8933i
37.5	0.5400-0.8960i	-1.8676-2.8372i	-0.0358-1.8683i	0.1187-0.3158i	0.2637-3.6172i	-0.0090-1.8669i	0.1162-0.1890i	0.6115-2.8842i
37.6	0.5193-0.9490i	-2.0220-2.9337i	-0.0915-1.9183i	0.1072-0.3534i	0.1830-3.7054i	-0.0676-1.9248i	0.1071-0.2297i	0.5975-2.8574i
37.7	0.4864-0.9951i	-2.1978-2.9667i	-0.1439-1.9498i	0.0864-0.3783i	0.0756-3.7791i	-0.1177-1.9641i	0.0890-0.2531i	0.5978-2.8399i
37.8	0.4238-1.0316i	-2.4248-2.9420i	-0.2086-1.9913i	0.0508-0.4025i	-0.0855-3.8125i	-0.1840-2.0123i	0.0553-0.2751i	0.6089-2.8537i
37.9	0.3477-1.0574i	-2.6736-2.8017i	-0.3021-2.0194i	0.0192-0.4287i	-0.3086-3.8217i	-0.2864-2.0511i	0.0305-0.2994i	0.6028-2.8629i
38.0	0.2848-1.0588i	-2.8238-2.6044i	-0.3944-2.0329i	-0.0157-0.4527i	-0.5090-3.8027i	-0.3961-2.0785i	-0.0027-0.3205i	0.5832-2.8838i
38.1	0.2251-1.0127i	-2.8133-2.3709i	-0.4940-2.0190i	-0.0865-0.4479i	-0.6826-3.6581i	-0.5285-2.0650i	-0.0663-0.3196i	0.5353-2.8870i
38.2	0.2080-0.9795i	-2.7378-2.2855i	-0.5226-1.9917i	-0.1228-0.4304i	-0.7569-3.5378i	-0.5720-2.0332i	-0.0981-0.3079i	0.5383-2.8509i
38.3	0.2087-0.9517i	-2.7232-2.2149i	-0.5651-1.9703i	-0.1537-0.4155i	-0.8066-3.3860i	-0.6290-1.9993i	-0.1311-0.2954i	0.5624-2.8153i
38.4	0.2108-0.9773i	-2.6452-2.2706i	-0.6039-1.9819i	-0.2067-0.3963i	-0.8732-3.2856i	-0.6878-1.9923i	-0.1816-0.2780i	0.6625-2.8408i
38.5	0.1928-1.0035i	-2.7114-2.3646i	-0.6620-2.0258i	-0.2335-0.3644i	-0.9196-3.2533i	-0.7601-2.0183i	-0.2093-0.2446i	0.7322-2.9461i
38.6	0.1664-1.0155i	-2.7908-2.3803i	-0.7184-2.0466i	-0.2576-0.3325i	-0.9897-3.2062i	-0.8274-2.0221i	-0.2299-0.2130i	0.7791-3.0507i
38.7	0.1298-1.0112i	-2.9612-2.4317i	-0.7816-2.1024i	-0.2751-0.3063i	-1.1032-3.1025i	-0.9003-2.0532i	-0.2480-0.1834i	0.8310-3.2157i
38.8	0.0974-0.9968i	-3.1627-2.3763i	-0.9158-2.1253i	-0.2947-0.2657i	-1.1969-2.9439i	-1.0368-2.0459i	-0.2621-0.1434i	0.7515-3.4057i
38.9	0.0705-0.9950i	-3.2821-2.2937i	-1.0199-2.1189i	-0.3068-0.2325i	-1.2415-2.8253i	-1.1288-2.0125i	-0.2653-0.1099i	0.6401-3.5438i
39.0	0.0517-0.9868i	-3.4387-2.1834i	-1.1514-2.1074i	-0.3149-0.1940i	-1.2770-2.7041i	-1.2414-1.9811i	-0.2680-0.0707i	0.4940-3.6886i
39.1	0.0517-0.9595i	-3.6029-2.0104i	-1.2948-2.0318i	-0.3052-0.1501i	-1.2076-2.5661i	-1.3491-1.8961i	-0.2529-0.0307i	0.2412-3.7029i
39.2	0.0560-0.9446i	-3.7547-1.8229i	-1.4335-1.9487i	-0.2838-0.1183i	-1.1245-2.4443i	-1.4565-1.8069i	-0.2284-0.0033i	0.0278-3.7061i
39.3	0.0517-0.9630i	-3.8678-1.7158i	-1.5370-1.9230i	-0.2758-0.0972i	-1.1195-2.3667i	-1.5443-1.7793i	-0.2187+0.0197i	-0.0786-3.7648i
39.4	0.0419-0.9775i	-3.9354-1.4991i	-1.6412-1.8211i	-0.2616-0.0879i	-1.0731-2.3432i	-1.6271-1.6949i	-0.1943+0.0354i	-0.2541-3.7059i
39.5	0.0362-0.9848i	-3.9661-1.2893i	-1.7399-1.6937i	-0.2349-0.0532i	-1.0694-2.3084i	-1.7156-1.5903i	-0.1650+0.0542i	-0.4025-3.6063i
39.6	0.0201-0.9976i	-4.0166-1.1040i	-1.8325-1.5791i	-0.2156-0.0299i	-1.0560-2.2218i	-1.8022-1.4930i	-0.1430+0.0664i	-0.5287-3.5550i
39.7	-0.0055-0.9933i	-4.0574-0.9420i	-1.8870-1.4618i	-0.2071-0.0259i	-0.9903-2.1423i	-1.8597-1.3936i	-0.1309+0.0662i	-0.6107-3.4189i
39.8	-0.0198-0.9809i	-4.0480-0.6672i	-1.8797-1.3084i	-0.1950-0.0007i	-1.0000-2.2041i	-1.8806-1.2498i	-0.1238+0.0853i	-0.5141-3.2523i
39.9	-0.0221-0.9950i	-3.9609-0.4523i	-1.8825-1.1915i	-0.1623+0.0171i	-1.0555-2.1259i	-1.8884-1.1274i	-0.0974+0.0956i	-0.5148-3.2618i
40.0	-0.0275-1.0170i	-3.8723-0.2449i	-1.8841-1.0608i	-0.1221+0.0223i	-1.0305-1.9755i	-1.8959-0.9954i	-0.0603+0.0943i	-0.5822-3.2831i
40.1	-0.0323-1.0343i	-3.7628-0.0694i	-1.8633-0.9438i	-0.1009+0.0217i	-0.9732-1.8880i	-1.8772-0.8845i	-0.0406+0.0908i	-0.6126-3.2588i
40.2	-0.0676-1.0583i	-3.5686+0.0900i	-1.8019-0.8299i	-0.0713+0.0157i	-0.8525-1.8113i	-1.8244-0.7685i	-0.0137+0.0806i	-0.7182-3.2385i
40.3	-0.0929-1.0628i	-3.4644+0.1899i	-1.7778-0.7756i	-0.0544+0.0120i	-0.7449-1.7844i	-1.7989-0.7187i	0.0039+0.0773i	-0.7971-3.2240i
40.4	-0.0982-1.0753i	-3.3839+0.2461i	-1.7529-0.7370i	-0.0326+0.0069i	-0.6708-1.8078i	-1.7873-0.6968i	0.0218+0.0669i	-0.8460-3.1631i
40.5	-0.1216-1.0973i	-3.2439+0.2826i	-1.7014-0.6727i	-0.0044-0.0133i	-0.6531-1.8219i	-1.7743-0.6306i	0.0453+0.0487i	-0.8163-3.0643i
40.6	-0.1570-1.1029i	-3.1537+0.3602i	-1.6741-0.6197i	0.0179-0.0295i	-0.6083-1.7985i	-1.7696-0.5591i	0.0690+0.0313i	-0.8704-3.0378i
40.7	-0.1779-1.1093i	-3.0836+0.4122i	-1.6536-0.5794i	0.0377-0.0469i	-0.5659-1.7805i	-1.7691-0.4996i	0.0839+0.0118i	-0.8864-3.0067i
40.8	-0.2086-1.1202i	-2.9912+0.4751i	-1.6124-0.5326i	0.0502-0.0810i	-0.5236-1.7976i	-1.7433-0.4128i	0.0909-0.0211i	-0.9001-2.9351i
40.9	-0.2561-1.1369i	-2.8680+0.5175i	-1.5605-0.4895i	0.0562-0.1144i	-0.4932-1.7899i	-1.7029-0.3292i	0.0989-0.0528i	-0.8784-2.8618i
41.0	-0.2926-1.1489i	-2.8004+0.5522i	-1.5440-0.4590i	0.0539-0.1331i	-0.4916-1.7755i	-1.6723-0.2670i	0.0923-0.0719i	-0.8482-2.8740i
41.1	-0.3589-1.1623i	-2.7056+0.5916i	-1.4954-0.4328i	0.0515-0.1548i	-0.4243-1.6667i	-1.6034-0.2099i	0.0866-0.0956i	-0.8772-2.9440i
41.2	-0.4187-1.1634i	-2.6433+0.6320i	-1.4630-0.4261i	0.0651-0.1855i	-0.2408-1.6196i	-1.5643-0.1668i	0.0993-0.1222i	-0.9767-2.9893i
41.3	-0.5110-1.1276i	-2.4902+0.7242i	-1.4340-0.4057i	0.0381-0.2391i	-0.1225-1.8307i	-1.4879-0.1113i	0.0718-0.1711i	-1.1657-2.8299i
41.4	-0.5629-1.0363i	-2.3278+0.6679i	-1.4154-0.3793i	-0.0139-0.2483i	-0.2634-1.9786i	-1.4165-0.0898i	0.0229-0.1873i	-1.0675-2.5247i
41.5	-0.5639-1.0042i	-2.3012+0.6590i	-1.3968-0.3388i	-0.0426-0.2253i	-0.3786-1.8532i	-1.3638-0.0722i	-0.0099-0.1683i	-0.8129-2.6619i
41.6	-0.5669-0.9676i	-2.2507+0.6291i	-1.3587-0.3288i	-0.0503-0.2115i	-0.3508-1.7649i	-1.3101-0.0838i	-0.0183-0.1528i	-0.8019-2.7461i
41.7	-0.5636-0.9262i	-2.2420+0.5798i	-1.3278-0.3184i	-0.0416-0.2068i	-0.2659-1.6266i	-1.2898-0.0911i	-0.0091-0.1466i	-0.8028-2.8061i
41.8	-0.5908-0.8842i	-2.1916+0.6111i	-1.2842-0.3068i	-0.0321-0.2146i	-0.0477-1.5665i	-1.2534-0.0842i	-0.0035-0.1525i	-0.9522-2.7871i
41.9	-0.5579-0.8419i	-2.1095+0.5354i	-1.2446-0.3433i	-0.0415-0.2383i	-0.0462-1.6624i	-1.2347-0.1113i	-0.0139-0.1790i	-0.6880-2.6146i
42.0	-0.5694-0.8512i	-2.1345+0.5371i	-1.2504-0.3743i	-0.0386-0.2394i	0.1228-1.6459i	-1.2525-0.1087i	-0.0183-0.1759i	-0.6085-2.9632i
42.1	-0.5778-0.8171i	-2.0936+0.5801i	-1.2594-0.3657i	-0.0473-0.2470i	0.1769-1.7349i	-1.2400-0.0851i	-0.0284-0.1839i	-0.7820-3.0790i
42.2	-0.6011-0.7967i	-2.1065+0.6029i	-1.2554-0.3630i	-0.0492-0.2435i	0.2812-1.6261i	-1.2305-0.0588i	-0.0234-0.1750i	-1.0154-3.2858i
42.3	-0.6056-0.7228i	-2.1077+0.5969i	-1.2726-0.3774i	-0.0312-0.2506i	0.6260-1.6339i	-1.2277-0.0426i	-0.0065-0.1805i	-1.3227-3.2129i
42.4	-0.5308-0.6901i	-2.1087+0.6799i	-1.2911-0.3553i	-0.0273-0.3079i	0.8182-2.0507i	-1.2112-0.0058i	-0.0092-0.2358i	-1.3782-2.9775i
42.5	-0.5270-0.7104i	-2.0395+0.7809i	-1.3113-0.3440i	-0.0776-0.3680i	0.7148-2.2590i	-1.1864+0.0282i	-0.0568-0.2929i	-1.3827-2.9858i
42.6	-0.5006-0.6609i	-1.9731+0.7825i	-1.3296-0.3137i	-0.1387-0.3610i	0.7703-2.3904i	-1.1541+0.0408i	-0.1131-0.2795i	-1.5778-2.8903i
42.7	-0.4054-0.6492i	-1.8945+0.8587i	-1.3249-0.2639i	-0.1693-0.3376i	0.5450-2.6391i	-1.1191+0.0471i	-0.1381-0.2612i	-1.6473-2.6960i
42.8	-0.3821-0.7284i	-1.7867+0.7944i	-1.2892-0.2528i	-0.1659-0.2973i	0.4438-2.3248i	-1.1147+0.0233i	-0.1316-0.2324i	-1.7046-2.5974i
42.9	-0.4064-0.7470i	-1.8546+0.7937i	-1.3097-0.2614i	-0.1735-0.3157i	0.8783-2.5177i	-1.1383+0.0634i	-0.1470-0.2536i	-1.6651-2.3622i
43.0	-0.3585-0.7563i	-1.8965+0.9602i	-1.3583-0.2155i	-0.2215-0.2904i	0.8487-2.9958i	-1.1174+0.1319i	-0.1995-0.2174i	-1.4715-2.2576i
43.1	-0.3085-0.8153i	-1.7706+1.0864i	-1.3552-0.1343i	-0.2128-0.2548i	0.6038-3.0767i	-1.0501+0.1773i	-0.1849-0.1843i	-1.3318-2.2759i
43.2	-0.3402-0.9190i	-1.5641+1.1322i	-1.3004-0.0839i	-0.1919-0.2505i	0.6064-2.9911i	-0.9825+0.1722i	-0.1610-0.1807i	-1.3734-2.4600i
43.3	-0.4480-0.9153i	-1.2965+1.1052i	-1.2512-0.0804i	-0.1707-0.3241i	0.7076-3.5953i	-0.9473+0.1516i	-0.1403-0.2555i	-1.7494-1.9538i
43.4	-0.4406-0.9645i	-1.2471+0.9315i	-1.2357-0.0927i	-0.2225-0.2980i	0.1870-3.3985i	-0.9412+0.1268i	-0.1949-0.2323i	-1.2100-1.9135i

43.5	-0.4580-1.0015i	-1.3547+0.9049i	-1.2624-0.0853i	-0.2124-0.2785i	0.3133-3.1620i	-0.9736+0.1360i	-0.1901-0.2137i	-1.0289-2.1714i
43.6	-0.5004-1.0584i	-1.3763+1.0166i	-1.2638-0.0316i	-0.2220-0.3178i	0.6349-3.2949i	-0.9615+0.2012i	-0.1978-0.2511i	-1.0673-2.4017i
43.7	-0.6055-1.1006i	-1.1961+1.1748i	-1.2195+0.0326i	-0.2914-0.3393i	0.7170-3.7664i	-0.8608+0.2410i	-0.2702-0.2628i	-1.1972-2.4381i
43.8	-0.6848-1.0907i	-1.0170+1.1818i	-1.1673+0.0551i	-0.2951-0.3079i	0.5864-4.1354i	-0.8157+0.2229i	-0.2792-0.2263i	-1.3430-2.3718i
43.9	-0.7447-1.0711i	-0.8630+1.0846i	-1.1053+0.0436i	-0.2726-0.2975i	0.1610-4.2709i	-0.7983+0.1974i	-0.2536-0.2124i	-1.3573-2.2159i
44.0	-0.9145-1.1001i	-0.7708+0.9746i	-1.0362-0.0048i	-0.2413-0.3289i	-0.0322-4.1482i	-0.7794+0.2089i	-0.2162-0.2446i	-1.4663-2.1590i
44.1	-0.9632-0.9679i	-0.7128+0.9274i	-1.0621-0.0450i	-0.2958-0.3929i	-0.2030-4.3043i	-0.7398+0.2113i	-0.2704-0.3095i	-1.2722-1.8978i
44.2	-0.9119-0.9797i	-0.6922+0.8966i	-1.0960-0.0342i	-0.3888-0.4054i	-0.4743-4.3225i	-0.7186+0.1994i	-0.3620-0.3129i	-0.8774-2.1758i
44.3	-1.0635-0.9626i	-0.5555+0.9499i	-1.0934-0.0290i	-0.5219-0.3597i	-0.8155-4.2230i	-0.6355+0.2074i	-0.4891-0.2685i	-0.8815-2.4463i
44.4	-1.1531-0.8369i	-0.3902+0.8582i	-1.1056-0.0234i	-0.5457-0.2606i	-0.7610-3.9445i	-0.5895+0.1407i	-0.5122-0.1731i	-1.1292-2.6908i
44.5	-1.1363-0.7142i	-0.3019+0.6941i	-1.1093+0.0142i	-0.5254-0.1945i	-0.6563-4.1315i	-0.6161+0.0695i	-0.4939-0.1086i	-1.5332-2.5848i
44.6	-1.1113-0.6403i	-0.2521+0.5744i	-1.0918+0.0431i	-0.5430-0.1688i	-0.8929-4.2683i	-0.6341+0.0657i	-0.5080-0.0835i	-1.6386-2.2490i
44.7	-1.0619-0.5768i	-0.2356+0.4382i	-1.0614+0.0542i	-0.5148-0.0604i	-0.9386-4.0389i	-0.6283+0.0391i	-0.4803+0.0243i	-1.5680-2.1627i
44.8	-0.9733-0.5777i	-0.2008+0.2985i	-1.0069+0.0725i	-0.4025-0.0274i	-1.0900-4.0282i	-0.6492+0.0188i	-0.3729+0.0517i	-1.5019-2.0325i
44.9	-1.0003-0.6588i	-0.2966+0.1129i	-0.9553+0.0410i	-0.3591-0.0699i	-1.0667-3.8376i	-0.6919+0.0288i	-0.3313+0.0096i	-1.4131-2.0207i
45.0	-1.1017-0.5686i	-0.4060+0.1240i	-0.9720-0.0001i	-0.3645-0.1063i	-0.6013-4.0541i	-0.6889+0.0761i	-0.3378-0.0238i	-1.5525-1.8519i
45.1	-1.0546-0.5398i	-0.3566+0.1494i	-0.9693-0.0278i	-0.3120-0.1434i	-0.8139-4.3781i	-0.6576+0.0839i	-0.2875-0.0575i	-1.3993-1.8089i
45.2	-1.0649-0.5777i	-0.3465+0.1256i	-0.9856-0.0504i	-0.2974-0.1911i	-0.8701-4.4536i	-0.6671+0.0851i	-0.2765-0.1037i	-1.4517-1.8821i
45.3	-1.1393-0.5573i	-0.3831+0.1340i	-1.0077-0.0297i	-0.3554-0.2988i	-1.0494-4.9051i	-0.6551+0.1439i	-0.3260-0.2018i	-1.5465-1.4980i
45.4	-1.2110-0.5051i	-0.2716+0.0807i	-1.0171+0.0052i	-0.4921-0.2850i	-1.7189-4.8883i	-0.5938+0.1532i	-0.4554-0.1869i	-1.2694-1.3528i
45.5	-1.2730-0.4093i	-0.2572-0.0214i	-0.9911+0.0002i	-0.5622-0.2506i	-1.8952-4.5986i	-0.5480+0.1418i	-0.5172-0.1552i	-0.9589-1.1688i
45.6	-1.2357-0.4062i	-0.3060-0.0533i	-1.0019-0.0334i	-0.6132-0.1670i	-1.7222-4.5313i	-0.5268+0.0926i	-0.5767-0.0793i	-0.4805-1.5030i
45.7	-1.3168-0.2980i	-0.2837-0.0375i	-1.0325-0.0307i	-0.5781-0.1502i	-2.1398-4.9282i	-0.5327+0.1080i	-0.5378-0.0563i	-0.6599-1.6774i
45.8	-1.3031-0.1362i	-0.1951-0.0856i	-1.0783-0.0502i	-0.6140-0.2003i	-2.7342-4.9097i	-0.4967+0.1331i	-0.5708-0.1043i	-0.4616-1.4401i
45.9	-1.2073-0.1343i	-0.0813-0.2195i	-1.1408+0.0141i	-0.7181-0.1464i	-3.1092-4.4259i	-0.4402+0.1143i	-0.6748-0.0579i	-0.0171-1.6988i
46.0	-1.2277-0.0783i	-0.1224-0.3431i	-1.1071+0.0925i	-0.8163-0.0949i	-3.0597-4.0382i	-0.3860+0.0895i	-0.7617-0.0095i	0.0315-1.9579i
46.1	-1.1393+0.0343i	-0.0974-0.4144i	-1.0945+0.1252i	-0.9239+0.1018i	-3.2602-3.9721i	-0.3277+0.0111i	-0.8731+0.1864i	0.2208-2.3467i
46.2	-1.0802-0.0117i	-0.0806-0.6299i	-1.0524+0.1874i	-0.7912+0.3835i	-3.1502-3.4945i	-0.3605-0.0821i	-0.7502+0.4614i	-0.0895-2.8091i
46.3	-1.1335+0.0086i	-0.2286-0.6619i	-0.9892+0.1538i	-0.5533+0.3523i	-3.1912-3.5460i	-0.3962-0.0689i	-0.5127+0.4314i	-0.1996-2.6333i
46.4	-1.1418+0.1068i	-0.1421-0.6470i	-1.0429+0.1181i	-0.5727+0.2298i	-3.7174-3.1759i	-0.3352-0.0825i	-0.5321+0.3018i	0.3126-2.9669i
46.5	-1.1314+0.1723i	-0.1702-0.8724i	-1.0507+0.1787i	-0.5711+0.2996i	-3.2547-2.5969i	-0.3645-0.1680i	-0.5385+0.3707i	-0.1649-3.5810i
46.6	-1.0727+0.2850i	-0.3653-1.0372i	-1.0225+0.2262i	-0.4784+0.3448i	-2.7325-2.7844i	-0.4404-0.1946i	-0.4524+0.4258i	-0.8770-3.4992i
46.7	-1.0251+0.3790i	-0.5220-1.0897i	-0.9924+0.2236i	-0.3858+0.3013i	-2.4485-2.8783i	-0.4902-0.1781i	-0.3623+0.3823i	-1.1935-3.2229i
46.8	-0.9383+0.4598i	-0.6475-1.0584i	-0.9953+0.2480i	-0.4330+0.1725i	-2.5410-3.5359i	-0.4817-0.1139i	-0.4072+0.2620i	-0.9755-2.7751i
46.9	-0.8384+0.4811i	-0.6656-1.0332i	-0.9784+0.2738i	-0.5381+0.2173i	-3.2535-3.4102i	-0.4038-0.1217i	-0.5069+0.3062i	-0.4655-2.9618i
47.0	-0.7587+0.4619i	-0.6434-1.0872i	-0.9544+0.2968i	-0.5307+0.3287i	-3.3213-2.8727i	-0.3767-0.2047i	-0.5039+0.4132i	-0.4024-3.5480i
47.1	-0.7533+0.4883i	-0.8644-1.2229i	-0.9056+0.2994i	-0.3664+0.2869i	-2.6072-2.9648i	-0.5033-0.2589i	-0.3488+0.3908i	-1.3869-3.8214i
47.2	-0.6646+0.5871i	-1.0438-1.1932i	-0.8993+0.3147i	-0.4333+0.2400i	-2.9093-3.5136i	-0.5407-0.2228i	-0.4108+0.3537i	-1.7106-3.5242i
47.3	-0.5146+0.5706i	-1.1227-1.0754i	-0.8824+0.3161i	-0.5122+0.2673i	-3.5596-3.3786i	-0.5239-0.1897i	-0.4727+0.3791i	-1.6363-3.2083i
47.4	-0.3776+0.5226i	-1.1938-0.9944i	-0.8510+0.3265i	-0.5157+0.3347i	-3.9330-2.8584i	-0.5049-0.1773i	-0.4692+0.4380i	-1.4861-3.0681i
47.5	-0.3067+0.4733i	-1.2290-0.9788i	-0.8309+0.3377i	-0.4878+0.4022i	-3.9380-2.4055i	-0.5012-0.1981i	-0.4486+0.5042i	-1.3942-3.1916i
47.6	-0.2517+0.3847i	-1.2459-1.0188i	-0.8090+0.3651i	-0.4463+0.4715i	-3.8387-1.8880i	-0.4985-0.2249i	-0.4121+0.5713i	-1.3783-3.4735i
47.7	-0.2770+0.3206i	-1.4041-1.0375i	-0.7389+0.3717i	-0.3068+0.4754i	-3.0871-1.5273i	-0.5481-0.2259i	-0.2731+0.5796i	-1.9126-3.5955i
47.8	-0.2240+0.3547i	-1.5988-0.8533i	-0.7130+0.3425i	-0.2660+0.3712i	-2.8235-2.1214i	-0.5713-0.1767i	-0.2218+0.4884i	-2.1428-3.0841i
47.9	-0.1617+0.3234i	-1.5720-0.6900i	-0.7094+0.3249i	-0.3568+0.3863i	-3.2770-2.1437i	-0.5122-0.1819i	-0.3133+0.5018i	-1.7247-3.0399i
48.0	-0.0995+0.2641i	-1.4900-0.6825i	-0.6941+0.3519i	-0.3160+0.5036i	-3.1964-1.7624i	-0.5111-0.2400i	-0.2834+0.6193i	-1.8929-3.4534i
48.1	-0.0808+0.1923i	-1.5446-0.6177i	-0.6413+0.3441i	-0.2022+0.4593i	-2.9241-1.8722i	-0.5617-0.2149i	-0.1565+0.5789i	-2.2750-3.1149i
48.2	-0.0640+0.1502i	-1.5232-0.5570i	-0.6447+0.3255i	-0.2732+0.4548i	-3.1083-1.8783i	-0.5313-0.2227i	-0.2262+0.5749i	-2.0082-3.1875i
48.3	-0.0806+0.1131i	-1.5872-0.5959i	-0.6204+0.3289i	-0.2254+0.5043i	-3.0714-1.7301i	-0.5550-0.2354i	-0.1781+0.6285i	-2.2757-3.3069i
48.4	-0.0813+0.0814i	-1.6372-0.5317i	-0.5864+0.3136i	-0.1423+0.4824i	-2.8983-1.6868i	-0.5661-0.2143i	-0.0862+0.6123i	-2.5375-3.0633i
48.5	-0.0890+0.0454i	-1.6198-0.5038i	-0.5666+0.2928i	-0.1038+0.4407i	-2.8324-1.6630i	-0.5610-0.2056i	-0.0395+0.5755i	-2.5431-2.9040i
48.6	-0.1076+0.0366i	-1.6426-0.4119i	-0.5633+0.2721i	-0.0965+0.3760i	-2.6474-1.7004i	-0.5624-0.2048i	-0.0299+0.5090i	-2.6430-2.7513i
48.7	-0.0884+0.0321i	-1.6351-0.3775i	-0.5510+0.2656i	-0.1303+0.3644i	-2.6827-1.8194i	-0.5553-0.2061i	-0.0595+0.4851i	-2.5687-2.4812i
48.8	-0.0718-0.0077i	-1.6265-0.3695i	-0.5157+0.2453i	-0.1057+0.3624i	-2.6500-1.7963i	-0.5593-0.2136i	-0.0358+0.4818i	-2.3729-2.3624i
48.9	-0.0969-0.0217i	-1.6510-0.2605i	-0.5107+0.2067i	-0.1152+0.3407i	-2.7410-1.8509i	-0.5656-0.2115i	-0.0487+0.4610i	-2.3119-2.4090i
49.0	-0.1154-0.0093i	-1.6794-0.1520i	-0.5111+0.1757i	-0.1139+0.3353i	-2.7964-1.8546i	-0.5563-0.2109i	-0.0443+0.4496i	-2.2733-2.3508i
49.1	-0.0977+0.0144i	-1.6253-0.0725i	-0.5369+0.1588i	-0.1304+0.3010i	-2.8462-1.9509i	-0.5458-0.2041i	-0.0556+0.4140i	-2.0974-2.2660i
49.2	-0.0458-0.0122i	-1.5555-0.0683i	-0.5454+0.1665i	-0.1656+0.3319i	-3.0693-1.8340i	-0.5322-0.2220i	-0.0922+0.4472i	-1.8719-2.4464i
49.3	-0.0230-0.0819i	-1.5094-0.0689i	-0.5441+0.1722i	-0.1598+0.3823i	-3.0831-1.4454i	-0.5457-0.2545i	-0.0866+0.4979i	-1.9620-2.7681i
49.4	-0.0450-0.0891i	-1.5783-0.0928i	-0.5223+0.1802i	-0.1037+0.3899i	-2.7695-1.3218i	-0.5743-0.2544i	-0.0244+0.5094i	-2.3085-2.7719i
49.5	-0.0138-0.0784i	-1.6420-0.0447i	-0.4991+0.1615i	-0.0901+0.3447i	-2.7041-1.5324i	-0.5791-0.2316i	-0.0070+0.4624i	-2.3525-2.4808i
49.6	-0.0189-0.1170i	-1.5798+0.0526i	-0.5032+0.1211i	-0.0836+0.3335i	-2.7859-1.4518i	-0.5664-0.2333i	-0.0031+0.4541i	-2.1272-2.5184i
49.7	-0.0183-0.1011i	-1.5192+0.0807i	-0.5375+0.1200i	-0.1192+0.3345i	-2.7398-1.3731i	-0.5552-0.2518i	-0.0411+0.4633i	-2.1472-2.7097i

49.8	0.0422-0.1327i	-1.5091+0.0415i	-0.5470+0.1455i	-0.1197+0.3576i	-2.5562-1.4225i	-0.5812-0.2542i	-0.0336+0.4769i	-2.3424-2.6474i
49.9	0.0657-0.1742i	-1.5617+0.0617i	-0.5320+0.1476i	-0.1082+0.3437i	-2.5574-1.5615i	-0.5931-0.2481i	-0.0176+0.4622i	-2.3843-2.4946i
50.0	0.0655-0.1873i	-1.5882+0.1127i	-0.5245+0.1312i	-0.1293+0.3399i	-2.7567-1.5808i	-0.5834-0.2465i	-0.0353+0.4573i	-2.2399-2.4346i
50.1	0.0905-0.2242i	-1.5888+0.1883i	-0.5214+0.1291i	-0.1409+0.3958i	-2.8416-1.3615i	-0.5670-0.2749i	-0.0482+0.5131i	-2.1599-2.5917i
50.2	0.0598-0.2851i	-1.5177+0.2132i	-0.5066+0.1284i	-0.0862+0.3953i	-2.7435-1.2493i	-0.5863-0.2663i	0.0019+0.5078i	-2.2057-2.6032i
50.3	0.0416-0.3408i	-1.4787+0.2115i	-0.4993+0.1213i	-0.0727+0.3832i	-2.6492-1.1697i	-0.5938-0.2632i	0.0115+0.4961i	-2.1883-2.6498i
50.4	0.0260-0.3689i	-1.4938+0.2881i	-0.4984+0.0985i	-0.0874+0.3593i	-2.5613-1.1655i	-0.5943-0.2568i	-0.0020+0.4740i	-2.1844-2.6999i
50.5	0.0221-0.3192i	-1.4450+0.3671i	-0.5308+0.0958i	-0.1217+0.3617i	-2.5282-1.1638i	-0.5919-0.2595i	-0.0288+0.4747i	-2.2145-2.7921i
50.6	0.0908-0.3325i	-1.4404+0.3564i	-0.5381+0.1240i	-0.1387+0.4269i	-2.5849-1.1453i	-0.5810-0.2893i	-0.0465+0.5438i	-2.2874-2.9473i
50.7	0.1009-0.3881i	-1.3959+0.3192i	-0.5119+0.1353i	-0.0969+0.4653i	-2.5117-1.0416i	-0.5982-0.3013i	-0.0021+0.5816i	-2.4178-2.9992i
50.8	0.0824-0.4262i	-1.4306+0.3173i	-0.4866+0.1400i	-0.0332+0.4747i	-2.2759-0.9640i	-0.6250-0.3044i	0.0686+0.5915i	-2.6572-3.0776i
50.9	0.0956-0.4152i	-1.4912+0.4006i	-0.4784+0.1297i	-0.0216+0.4414i	-2.1018-1.1503i	-0.6293-0.2877i	0.0819+0.5576i	-2.8571-2.9187i
51.0	0.1051-0.4723i	-1.4661+0.4270i	-0.4699+0.1308i	-0.0418+0.4507i	-2.2510-1.2262i	-0.6229-0.2849i	0.0639+0.5645i	-2.7843-2.8055i
51.1	0.0710-0.5481i	-1.4521+0.4868i	-0.4563+0.1337i	-0.0207+0.5007i	-2.2577-1.0599i	-0.6227-0.3046i	0.0852+0.6089i	-2.8129-2.9370i
51.2	0.0379-0.5774i	-1.5138+0.4829i	-0.4279+0.1335i	0.0341+0.5017i	-2.0429-1.0665i	-0.6444-0.3086i	0.1446+0.6146i	-3.0445-2.9170i
51.3	0.0046-0.5806i	-1.5434+0.6470i	-0.4095+0.0851i	0.0441+0.4361i	-1.9971-1.3514i	-0.6429-0.2717i	0.1612+0.5471i	-3.1282-2.6285i
51.4	0.0037-0.6193i	-1.4541+0.7297i	-0.4218+0.0822i	0.0166+0.4549i	-2.1452-1.4222i	-0.6249-0.2725i	0.1321+0.5649i	-3.0038-2.5941i
51.5	-0.0135-0.6613i	-1.3852+0.7872i	-0.4224+0.0852i	0.0051+0.5083i	-2.2698-1.3084i	-0.6083-0.2901i	0.1177+0.6138i	-2.9280-2.7142i
51.6	-0.0526-0.7120i	-1.2927+0.7994i	-0.4060+0.0879i	0.0829+0.5784i	-2.1287-1.1322i	-0.6323-0.3288i	0.1986+0.6844i	-3.1578-2.8401i
51.7	-0.1227-0.7001i	-1.3188+0.8093i	-0.3745+0.0697i	0.1813+0.5365i	-1.9282-1.1875i	-0.6647-0.3290i	0.3002+0.6390i	-3.4134-2.6975i
51.8	-0.1355-0.6759i	-1.3480+0.8753i	-0.3630+0.0441i	0.2042+0.4807i	-1.8716-1.3425i	-0.6630-0.3176i	0.3257+0.5834i	-3.4500-2.5087i
51.9	-0.1290-0.6886i	-1.2994+0.9338i	-0.3723+0.0159i	0.1847+0.4603i	-2.0172-1.4525i	-0.6563-0.3320i	0.3042+0.5611i	-3.3211-2.4831i
52.0	-0.1314-0.7131i	-1.2500+0.9048i	-0.3713+0.0178i	0.2077+0.4914i	-1.9628-1.3412i	-0.6801-0.3468i	0.3321+0.5924i	-3.4605-2.5064i
52.1	-0.1541-0.7667i	-1.2236+0.9377i	-0.3564+0.0018i	0.2685+0.4676i	-1.7875-1.3885i	-0.7176-0.3363i	0.3955+0.5676i	-3.6237-2.3150i
52.2	-0.1886-0.7610i	-1.1769+1.0313i	-0.3492-0.0311i	0.2941+0.3991i	-1.6663-1.6054i	-0.7247-0.3073i	0.4175+0.4963i	-3.6510-2.0671i
52.3	-0.1977-0.7786i	-1.1695+1.1416i	-0.3398-0.0694i	0.2777+0.3547i	-1.8367-1.8746i	-0.7013-0.3038i	0.4032+0.4519i	-3.4966-1.8619i
52.4	-0.2143-0.8106i	-1.0904+1.1502i	-0.3751-0.0951i	0.2307+0.3720i	-2.0926-1.7970i	-0.6900-0.3289i	0.3575+0.4681i	-3.3080-1.9932i
52.5	-0.2427-0.8322i	-0.9446+1.1297i	-0.4038-0.0863i	0.2536+0.4071i	-2.0633-1.6005i	-0.7211-0.3485i	0.3821+0.5030i	-3.4588-2.1376i
52.6	-0.2818-0.8578i	-0.8944+1.1764i	-0.4064-0.0949i	0.2714+0.3707i	-2.0141-1.7321i	-0.7341-0.3240i	0.4006+0.4657i	-3.4672-1.9067i
52.7	-0.3395-0.8475i	-0.7960+1.2131i	-0.4416-0.1045i	0.2232+0.3690i	-2.1784-1.7597i	-0.7081-0.3240i	0.3482+0.4591i	-3.2379-1.8683i
52.8	-0.3733-0.8279i	-0.8242+1.1849i	-0.4512-0.0891i	0.2485+0.4268i	-2.1621-1.6536i	-0.7065-0.3625i	0.3718+0.5172i	-3.3063-2.0273i
52.9	-0.3954-0.8209i	-0.8262+1.1946i	-0.4347-0.0858i	0.3188+0.4171i	-2.0637-1.6868i	-0.7412-0.3788i	0.4446+0.5087i	-3.4555-1.9889i
53.0	-0.3679-0.8389i	-0.7123+1.3132i	-0.4299-0.0904i	0.3415+0.4142i	-2.1534-1.7139i	-0.7752-0.4028i	0.4733+0.5068i	-3.4036-1.9371i
53.1	-0.3649-0.8889i	-0.6918+1.3892i	-0.4084-0.1006i	0.4059+0.4175i	-2.1276-1.6602i	-0.8194-0.4129i	0.5383+0.5072i	-3.4574-1.9544i
53.2	-0.4371-0.9597i	-0.7046+1.4555i	-0.3879-0.1224i	0.4915+0.3899i	-2.0193-1.6556i	-0.8696-0.4098i	0.6271+0.4790i	-3.6168-1.9535i
53.3	-0.5352-0.9471i	-0.6721+1.5713i	-0.3943-0.1643i	0.5245+0.2784i	-1.9862-1.7772i	-0.9095-0.3616i	0.6596+0.3696i	-3.7068-1.7794i
53.4	-0.5864-0.8744i	-0.5709+1.6913i	-0.4168-0.1899i	0.4930+0.2158i	-1.9759-1.8715i	-0.8940-0.3388i	0.6210+0.3075i	-3.6820-1.6748i
53.5	-0.5079-0.8419i	-0.1696+1.7982i	-0.4581-0.1855i	0.4386+0.2280i	-2.0371-1.9762i	-0.9091-0.3569i	0.5624+0.3176i	-3.5895-1.5244i
53.6	-0.5100-0.9067i	0.0695+1.5668i	-0.4820-0.1944i	0.4662+0.2204i	-2.1590-1.9082i	-0.9736-0.3298i	0.5908+0.3028i	-3.4229-1.6036i
53.7	-0.5447-0.9462i	0.0235+1.3740i	-0.4788-0.1731i	0.4927+0.2134i	-2.0983-1.8219i	-0.9851-0.2918i	0.6179+0.3052i	-3.4717-1.7638i
53.8	-0.6207-0.9850i	-0.0146+1.2771i	-0.4632-0.1606i	0.5414+0.1971i	-1.8627-1.8165i	-1.0056-0.2618i	0.6704+0.2907i	-3.7118-1.8088i
53.9	-0.7045-1.0042i	-0.0191+1.3217i	-0.4440-0.2057i	0.5989+0.0817i	-1.7858-2.1953i	-1.0321-0.1941i	0.7314+0.1789i	-3.8545-1.5431i
54.0	-0.8082-1.0172i	-0.0021+1.4328i	-0.4514-0.2396i	0.6080-0.0206i	-1.8967-2.4002i	-1.0291-0.1419i	0.7443+0.0753i	-3.9120-1.4181i
54.1	-0.9684-0.9369i	0.0109+1.4448i	-0.4797-0.2844i	0.5303-0.1859i	-2.1217-2.7585i	-0.9645-0.0509i	0.6673-0.0891i	-3.8904-1.1357i
54.2	-0.9712-0.8022i	0.1520+1.2751i	-0.5281-0.2568i	0.3936-0.1369i	-2.4624-2.6945i	-0.9004-0.0776i	0.5339-0.0380i	-3.7525-1.1733i
54.3	-0.9385-0.7813i	0.1380+1.2382i	-0.5194-0.2355i	0.4437-0.0839i	-2.4675-2.5194i	-0.9450-0.1081i	0.5924+0.0053i	-3.8828-1.0768i
54.4	-0.9544-0.7767i	0.2025+1.4105i	-0.5377-0.2758i	0.4210-0.1987i	-2.6048-2.6847i	-0.9418-0.0542i	0.5677-0.1102i	-3.7486-0.7880i
54.5	-0.9714-0.7352i	0.2364+1.2826i	-0.5706-0.2578i	0.3218-0.2085i	-2.8593-2.6556i	-0.8859-0.0187i	0.4737-0.1228i	-3.4889-0.7770i
54.6	-0.9921-0.7083i	0.2145+1.1979i	-0.5980-0.2341i	0.2200-0.1594i	-3.0516-2.5086i	-0.8287-0.0331i	0.3749-0.0790i	-3.3287-0.8845i
54.7	-1.0220-0.6717i	0.2225+1.2011i	-0.6002-0.1892i	0.1915-0.0555i	-3.1237-2.2363i	-0.7996-0.0786i	0.3492+0.0222i	-3.3338-1.0696i
54.8	-1.0582-0.6102i	0.1879+1.2405i	-0.5705-0.1674i	0.2420-0.0060i	-3.0313-2.1070i	-0.8085-0.1040i	0.3960+0.0726i	-3.4593-1.0688i
54.9	-1.0892-0.5489i	0.2307+1.3141i	-0.5585-0.1936i	0.2703-0.0467i	-3.0448-2.1971i	-0.8149-0.0989i	0.4206+0.0315i	-3.4633-0.9050i
55.0	-1.0733-0.4895i	0.2972+1.4262i	-0.5532-0.2101i	0.2727-0.0632i	-3.1251-2.1734i	-0.8032-0.1078i	0.4249+0.0101i	-3.3969-0.8476i
55.1	-1.0226-0.4479i	0.4064+1.4637i	-0.5645-0.2185i	0.2457-0.0632i	-3.1826-2.1066i	-0.8046-0.1115i	0.4011+0.0080i	-3.3082-0.8437i
55.2	-0.9877-0.4286i	0.4420+1.4422i	-0.5672-0.2151i	0.2691-0.0297i	-3.1028-1.9819i	-0.8344-0.1325i	0.4239+0.0376i	-3.3379-0.9132i
55.3	-0.9901-0.4156i	0.4756+1.5477i	-0.5676-0.2297i	0.2713-0.0467i	-3.1287-1.9536i	-0.8227-0.1330i	0.4228+0.0206i	-3.3206-0.8767i
55.4	-0.9905-0.3638i	0.5449+1.5051i	-0.5806-0.2313i	0.2540-0.0604i	-3.1211-1.9156i	-0.8075-0.1167i	0.4020+0.0081i	-3.2884-0.8745i
55.5	-0.9604-0.3185i	0.6067+1.4146i	-0.5871-0.2260i	0.2614-0.0484i	-3.0661-1.9435i	-0.8070-0.1234i	0.4095+0.0165i	-3.3180-0.8789i
55.6	-0.8853-0.3099i	0.6668+1.4977i	-0.5891-0.2497i	0.2505-0.0908i	-3.1295-2.1115i	-0.8081-0.1208i	0.4003-0.0295i	-3.2430-0.7396i
55.7	-0.8345-0.3163i	0.7992+1.5060i	-0.5965-0.2513i	0.2309-0.0792i	-3.2413-2.0739i	-0.8034-0.1253i	0.3824-0.0230i	-3.1507-0.7240i
55.8	-0.8010-0.3373i	0.9179+1.3323i	-0.6181-0.2392i	0.2026-0.0689i	-3.3579-2.0158i	-0.7901-0.1340i	0.3513-0.0131i	-3.0472-0.7450i
55.9	-0.7922-0.3530i	0.9716+1.4211i	-0.6375-0.2334i	0.2008-0.0563i	-3.4120-1.9264i	-0.8023-0.1383i	0.3515+0.0069i	-3.0186-0.8109i
56.0	-0.7743-0.3883i	1.0724+1.4359i	-0.6252-0.2264i	0.2458-0.0189i	-3.3481-1.8430i	-0.8180-0.1593i	0.3944+0.0443i	-3.0955-0.9031i

56.1	-0.7750-0.4228i	1.1764+1.4126i	-0.6182-0.2479i	0.2658-0.0750i	-3.3250-1.9604i	-0.8303-0.1489i	0.4183-0.0168i	-3.1562-0.7879i
56.2	-0.7803-0.4627i	1.1307+1.3859i	-0.6394-0.2543i	0.2058-0.0733i	-3.5039-1.9378i	-0.8093-0.1638i	0.3601-0.0203i	-2.9780-0.7947i
56.3	-0.7793-0.4842i	1.1899+1.3222i	-0.6432-0.2331i	0.2169-0.0237i	-3.5221-1.7828i	-0.8201-0.1850i	0.3672+0.0305i	-2.9596-0.9010i
56.4	-0.8006-0.5242i	1.3205+1.2522i	-0.6424-0.2354i	0.2319-0.0166i	-3.5421-1.7369i	-0.8352-0.1911i	0.3804+0.0425i	-2.9571-0.9323i
56.5	-0.8309-0.5256i	1.3519+1.2435i	-0.6415-0.2437i	0.2432-0.0305i	-3.5733-1.7226i	-0.8440-0.1845i	0.3942+0.0242i	-2.9593-0.9298i
56.6	-0.8538-0.5463i	1.4247+1.2502i	-0.6510-0.2430i	0.2364-0.0121i	-3.6350-1.6437i	-0.8491-0.2008i	0.3845+0.0425i	-2.9507-0.9767i
56.7	-0.8654-0.5817i	1.4949+1.2226i	-0.6404-0.2428i	0.2594+0.0072i	-3.6619-1.5213i	-0.8555-0.2197i	0.4095+0.0623i	-2.9463-1.0418i
56.8	-0.8840-0.5765i	1.4456+1.2431i	-0.6335-0.2532i	0.2968-0.0153i	-3.6288-1.4885i	-0.8756-0.2195i	0.4503+0.0358i	-3.0052-1.0444i
56.9	-0.8977-0.6252i	1.3965+1.2305i	-0.6222-0.2697i	0.3286-0.0254i	-3.5880-1.4584i	-0.8950-0.2275i	0.4778+0.0274i	-3.0443-1.0655i
57.0	-0.9271-0.6464i	1.5317+1.1486i	-0.6176-0.2775i	0.3543-0.0335i	-3.5467-1.3713i	-0.9093-0.2186i	0.4988+0.0157i	-3.0583-1.0653i
57.1	-1.0258-0.6428i	1.5452+1.1637i	-0.6337-0.3059i	0.3738-0.0987i	-3.5179-1.3764i	-0.9387-0.1940i	0.5226-0.0497i	-3.1247-1.0633i
57.2	-1.1150-0.6570i	1.6535+1.1593i	-0.6489-0.3433i	0.3884-0.1735i	-3.4742-1.4576i	-0.9659-0.1751i	0.5324-0.1242i	-3.1608-1.0256i
57.3	-1.1587-0.6338i	1.6049+1.1589i	-0.6697-0.3504i	0.3502-0.1911i	-3.5175-1.4459i	-0.9602-0.1714i	0.4978-0.1397i	-3.1318-1.0162i
57.4	-1.2116-0.6090i	1.6769+1.2296i	-0.6968-0.3545i	0.3281-0.2042i	-3.5310-1.4066i	-0.9597-0.1666i	0.4774-0.1545i	-3.1368-1.0112i
57.5	-1.2495-0.5732i	1.6882+1.2059i	-0.7157-0.3578i	0.3065-0.2293i	-3.5595-1.4092i	-0.9559-0.1514i	0.4502-0.1781i	-3.1212-0.9861i
57.6	-1.2948-0.4951i	1.7362+1.1426i	-0.7459-0.3577i	0.2692-0.2501i	-3.5763-1.3830i	-0.9609-0.1335i	0.4128-0.1984i	-3.1167-0.9923i
57.7	-1.3476-0.4747i	1.8109+1.1786i	-0.7612-0.3597i	0.2671-0.2576i	-3.5983-1.3364i	-0.9748-0.1353i	0.4142-0.2042i	-3.1393-1.0220i
57.8	-1.3599-0.4389i	1.8743+1.1693i	-0.7774-0.3525i	0.2368-0.2658i	-3.6222-1.3195i	-0.9720-0.1301i	0.3829-0.2124i	-3.1133-1.0325i
57.9	-1.3707-0.3776i	1.9030+1.1143i	-0.8082-0.3353i	0.1842-0.2536i	-3.6480-1.2941i	-0.9550-0.1185i	0.3277-0.1987i	-3.0789-1.0192i
58.0	-1.4292-0.3264i	1.9218+1.1927i	-0.8058-0.3144i	0.1858-0.2273i	-3.6615-1.2283i	-0.9558-0.1182i	0.3374-0.1752i	-3.1025-1.0787i
58.1	-1.5195-0.2380i	1.9526+1.1858i	-0.8092-0.3223i	0.2036-0.2560i	-3.6363-1.2368i	-0.9784-0.1088i	0.3540-0.2044i	-3.1427-1.0938i
58.2	-1.5360-0.1148i	1.7981+1.2745i	-0.8113-0.3292i	0.2155-0.2816i	-3.5794-1.2341i	-0.9900-0.0939i	0.3638-0.2251i	-3.2046-1.1007i
58.3	-1.4543-0.0735i	1.9290+1.3495i	-0.8191-0.3258i	0.1974-0.2667i	-3.5715-1.2065i	-0.9863-0.1045i	0.3463-0.2092i	-3.2321-1.0961i
58.4	-1.4529-0.0455i	2.0855+1.2773i	-0.8202-0.3191i	0.2097-0.2653i	-3.5701-1.1905i	-0.9958-0.0999i	0.3577-0.2062i	-3.2404-1.1030i
58.5	-1.4481-0.0098i	2.1641+1.3178i	-0.8181-0.3308i	0.1964-0.2894i	-3.5686-1.1896i	-0.9898-0.0859i	0.3465-0.2323i	-3.2387-1.1058i
58.6	-1.4433+0.0454i	2.4285+1.4366i	-0.8460-0.3419i	0.1622-0.3214i	-3.5992-1.2123i	-0.9998-0.0773i	0.3161-0.2636i	-3.2561-1.0717i
58.7	-1.3733+0.1014i	2.4746+1.6022i	-0.8647-0.3479i	0.1428-0.3260i	-3.6136-1.2225i	-1.0005-0.0781i	0.2935-0.2693i	-3.2884-1.0462i
58.8	-1.3214+0.1619i	2.6055+1.6632i	-0.8879-0.3400i	0.1086-0.3342i	-3.6503-1.2087i	-0.9929-0.0619i	0.2599-0.2770i	-3.2964-1.0465i
58.9	-1.2642+0.1551i	2.7655+1.6793i	-0.9107-0.3307i	0.0689-0.3111i	-3.6809-1.1555i	-0.9879-0.0631i	0.2220-0.2547i	-3.2896-1.0588i
59.0	-1.2674+0.1849i	2.8219+1.5614i	-0.9116-0.3326i	0.0851-0.2969i	-3.6214-1.1366i	-1.0024-0.0697i	0.2404-0.2429i	-3.3590-1.1070i
59.1	-1.2746+0.1997i	3.0580+1.5289i	-0.9252-0.3314i	0.0659-0.3055i	-3.6330-1.1748i	-1.0013-0.0591i	0.2174-0.2498i	-3.3855-1.0873i
59.2	-1.2426+0.1812i	3.3319+1.6703i	-0.9512-0.3127i	0.0251-0.2869i	-3.6691-1.1631i	-0.9876-0.0519i	0.1760-0.2274i	-3.3611-1.0991i
59.3	-1.2479+0.1584i	3.6555+1.6701i	-0.9575-0.3010i	0.0239-0.2551i	-3.6658-1.1322i	-0.9861-0.0608i	0.1773-0.1934i	-3.3686-1.1206i
59.4	-1.2580+0.1650i	4.0051+1.5955i	-0.9481-0.2913i	0.0248-0.2528i	-3.6328-1.1284i	-0.9839-0.0556i	0.1826-0.1886i	-3.3991-1.0876i
59.5	-1.2836+0.2215i	4.2758+1.3662i	-0.9609-0.2930i	-0.0076-0.2485i	-3.6773-1.1317i	-0.9787-0.0556i	0.1580-0.1850i	-3.4075-1.0963i
59.6	-1.2824+0.2747i	4.6580+1.1580i	-0.9801-0.2793i	-0.0198-0.2272i	-3.7060-1.1153i	-0.9789-0.0608i	0.1434-0.1624i	-3.4515-1.0998i
59.7	-1.2916+0.3010i	4.9262+1.0358i	-0.9830-0.2751i	-0.0085-0.2201i	-3.6904-1.1044i	-0.9843-0.0640i	0.1544-0.1574i	-3.5021-1.0990i
59.8	-1.2753+0.3417i	5.1391+0.6609i	-0.9879-0.2668i	-0.0083-0.2017i	-3.7026-1.1015i	-0.9844-0.0725i	0.1549-0.1375i	-3.5426-1.0894i
59.9	-1.2554+0.3713i	5.2294+0.2988i	-0.9899-0.2500i	-0.0085-0.1631i	-3.7035-1.1076i	-0.9753-0.0863i	0.1510-0.1064i	-3.5339-1.1002i
60.0	-1.2301+0.4140i	5.3326-0.2415i	-1.0113-0.2369i	-0.0130-0.1577i	-3.6913-1.1203i	-0.9905-0.0820i	0.1525-0.1008i	-3.5247-1.0838i
60.1	-1.1968+0.4619i	5.2968-0.5884i	-1.0031-0.2403i	0.0097-0.1486i	-3.7174-1.1028i	-0.9979-0.0843i	0.1735-0.0916i	-3.5801-1.0879i
60.2	-1.2078+0.5398i	5.2227-0.7055i	-1.0092-0.2497i	0.0283-0.1636i	-3.7672-1.1471i	-1.0156-0.0777i	0.1969-0.1010i	-3.6321-1.0611i
60.3	-1.2067+0.5862i	4.9774-0.8503i	-1.0035-0.2487i	0.0558-0.1705i	-3.7364-1.1818i	-1.0318-0.0728i	0.2245-0.1035i	-3.6616-1.0659i
60.4	-1.1709+0.6335i	4.7044-1.0796i	-1.0167-0.2505i	0.0470-0.1718i	-3.7319-1.2018i	-1.0390-0.0751i	0.2150-0.1029i	-3.6792-1.0739i
60.5	-1.0853+0.7465i	4.6153-1.2441i	-1.0335-0.2531i	0.0286-0.1878i	-3.7724-1.2176i	-1.0415-0.0619i	0.2027-0.1177i	-3.7281-1.0620i
60.6	-0.9732+0.8324i	4.4982-1.3184i	-1.0475-0.2602i	0.0194-0.2108i	-3.8183-1.2494i	-1.0459-0.0465i	0.1992-0.1425i	-3.7517-1.0226i
60.7	-0.8375+0.8143i	4.4920-1.3860i	-1.0662-0.2474i	-0.0097-0.2134i	-3.8569-1.2305i	-1.0416-0.0359i	0.1705-0.1508i	-3.7713-0.9833i
60.8	-0.7201+0.7182i	4.3960-1.4198i	-1.0849-0.2266i	-0.0441-0.1594i	-3.9636-1.1996i	-1.0203-0.0465i	0.1379-0.0952i	-3.7740-0.9691i
60.9	-0.6363+0.6730i	4.3148-1.5616i	-1.0969-0.2194i	-0.0727-0.1428i	-4.0047-1.2081i	-1.0123-0.0544i	0.1129-0.0785i	-3.7961-0.9563i
61.0	-0.6404+0.6153i	4.3701-1.5177i	-1.0993-0.2105i	-0.0653-0.1212i	-4.0244-1.2105i	-1.0216-0.0613i	0.1220-0.0576i	-3.8138-0.9619i
61.1	-0.6217+0.5644i	4.3117-1.4387i	-1.0984-0.1965i	-0.0313-0.0886i	-4.0332-1.1716i	-1.0339-0.0780i	0.1537-0.0253i	-3.8344-0.9645i
61.2	-0.5880+0.5675i	4.3019-1.5497i	-1.1093-0.1772i	-0.0186-0.0703i	-4.1075-1.1277i	-1.0333-0.0859i	0.1735-0.0093i	-3.8699-0.9330i
61.3	-0.5930+0.5649i	4.2599-1.5881i	-1.1227-0.1765i	-0.0090-0.0550i	-4.1365-1.1538i	-1.0535-0.0836i	0.1792+0.0073i	-3.8975-0.8812i
61.4	-0.5585+0.5313i	4.4539-1.6088i	-1.1297-0.1749i	0.0008-0.0368i	-4.1354-1.1698i	-1.0728-0.0961i	0.1970+0.0203i	-3.9567-0.8929i
61.5	-0.5268+0.5050i	4.5404-1.6338i	-1.1279-0.1533i	0.0256-0.0090i	-4.1961-1.1056i	-1.0842-0.1023i	0.2259+0.0465i	-3.9481-0.8898i
61.6	-0.4989+0.4520i	4.4117-1.6272i	-1.1349-0.1357i	0.0315+0.0253i	-4.2583-1.1048i	-1.0872-0.1089i	0.2282+0.0837i	-3.9531-0.8784i
61.7	-0.4958+0.3992i	4.3015-1.6726i	-1.1333-0.1257i	0.0550+0.0376i	-4.2724-1.0942i	-1.1018-0.1130i	0.2525+0.0983i	-3.9880-0.8651i
61.8	-0.5072+0.3765i	4.3326-1.7664i	-1.1237-0.1077i	0.1117+0.0838i	-4.3098-1.0237i	-1.1263-0.1286i	0.3083+0.1434i	-4.0034-0.8815i
61.9	-0.5231+0.3532i	4.3563-1.8344i	-1.1173-0.0962i	0.1728+0.1040i	-4.3647-0.9958i	-1.1525-0.1347i	0.3700+0.1651i	-4.0200-0.8652i
62.0	-0.5524+0.3555i	4.5438-1.8789i	-1.1137-0.0926i	0.2126+0.0854i	-4.4116-0.9908i	-1.1777-0.1236i	0.4160+0.1453i	-4.0876-0.8341i
62.1	-0.5488+0.3619i	4.5417-1.9285i	-1.1047-0.0971i	0.2581+0.0541i	-4.3975-0.9642i	-1.1957-0.1100i	0.4644+0.1113i	-4.1114-0.8212i
62.2	-0.5621+0.3503i	4.5338-1.9941i	-1.0941-0.0892i	0.3173+0.0506i	-4.3738-0.9109i	-1.2136-0.1114i	0.5163+0.1098i	-4.0909-0.8198i
62.3	-0.5465+0.3788i	4.6658-2.1030i	-1.0901-0.0935i	0.3403+0.0169i	-4.4102-0.8964i	-1.2199-0.0956i	0.5415+0.0780i	-4.1129-0.7872i

62.4	-0.5376+0.3999i	4.6125-2.0335i	-1.0890-0.0923i	0.3664+0.0019i	-4.4416-0.8781i	-1.2294-0.0883i	0.5730+0.0607i	-4.1258-0.7650i
62.5	-0.5314+0.3982i	4.4796-2.0108i	-1.0834-0.0845i	0.4078-0.0074i	-4.4965-0.8372i	-1.2541-0.0843i	0.6222+0.0485i	-4.1184-0.7595i
62.6	-0.5266+0.3911i	4.5477-2.3044i	-1.0827-0.0950i	0.4409-0.0502i	-4.5202-0.8224i	-1.2733-0.0687i	0.6578-0.0011i	-4.1205-0.7322i
62.7	-0.5070+0.4167i	4.8139-2.2290i	-1.0743-0.1073i	0.5018-0.1022i	-4.5372-0.7770i	-1.2881-0.0452i	0.7219-0.0566i	-4.1279-0.7289i
62.8	-0.4876+0.4266i	4.7405-2.2854i	-1.0719-0.1161i	0.5459-0.1496i	-4.5697-0.7666i	-1.3085-0.0317i	0.7627-0.0969i	-4.1675-0.7328i
62.9	-0.4420+0.4302i	4.7065-2.5344i	-1.0847-0.1312i	0.5670-0.2320i	-4.5834-0.7209i	-1.3261-0.0082i	0.7807-0.1773i	-4.1718-0.7072i
63.0	-0.4205+0.4242i	4.7236-2.6349i	-1.0892-0.1354i	0.6044-0.3005i	-4.5875-0.6951i	-1.3463+0.0129i	0.8207-0.2439i	-4.1779-0.6894i
63.1	-0.3982+0.4247i	4.7966-2.4962i	-1.0960-0.1511i	0.6204-0.3536i	-4.6401-0.6739i	-1.3587+0.0247i	0.8411-0.2969i	-4.1894-0.7074i
63.2	-0.3604+0.4149i	4.9999-2.5807i	-1.1104-0.1626i	0.6210-0.4227i	-4.7030-0.6231i	-1.3642+0.0432i	0.8437-0.3684i	-4.2084-0.7267i
63.3	-0.3353+0.4146i	4.9898-2.6389i	-1.1159-0.1731i	0.6406-0.5312i	-4.7041-0.6365i	-1.3759+0.0827i	0.8614-0.4766i	-4.2371-0.7238i
63.4	-0.3277+0.4010i	5.0429-2.9999i	-1.1270-0.1869i	0.6371-0.6295i	-4.7302-0.5908i	-1.3937+0.1149i	0.8665-0.5697i	-4.2842-0.7018i
63.5	-0.2990+0.3723i	5.0703-3.1198i	-1.1441-0.1916i	0.5904-0.7007i	-4.7392-0.5610i	-1.3886+0.1349i	0.8234-0.6406i	-4.3290-0.7171i
63.6	-0.2769+0.3569i	5.0361-3.2431i	-1.1569-0.1946i	0.5556-0.7591i	-4.7581-0.5331i	-1.3768+0.1542i	0.7853-0.7044i	-4.3224-0.7354i
63.7	-0.2632+0.3298i	5.0039-3.4631i	-1.1677-0.1971i	0.5229-0.8502i	-4.7872-0.4785i	-1.3709+0.1816i	0.7575-0.8029i	-4.3308-0.7251i
63.8	-0.2585+0.3187i	4.9990-3.3330i	-1.1890-0.2049i	0.4897-0.9384i	-4.8012-0.4205i	-1.3753+0.1991i	0.7290-0.8841i	-4.3930-0.7680i
63.9	-0.2314+0.3146i	5.0194-3.4568i	-1.2208-0.2027i	0.4055-0.9910i	-4.7992-0.3846i	-1.3730+0.2097i	0.6538-0.9354i	-4.4608-0.7721i
64.0	-0.2191+0.2908i	5.0100-3.5892i	-1.2405-0.2052i	0.3240-1.0540i	-4.7721-0.3884i	-1.3622+0.2296i	0.5751-0.9909i	-4.5055-0.8029i
64.1	-0.2125+0.2687i	4.7486-3.5935i	-1.2465-0.2015i	0.2252-1.0970i	-4.7682-0.3699i	-1.3322+0.2484i	0.4719-1.0384i	-4.5197-0.8338i
64.2	-0.1843+0.2506i	5.1153-3.7838i	-1.2695-0.1950i	0.0992-1.1564i	-4.7826-0.3131i	-1.3189+0.2686i	0.3494-1.1007i	-4.6218-0.7680i
64.3	-0.1502+0.1940i	5.3087-4.0293i	-1.2922-0.1739i	-0.0349-1.1691i	-4.7618-0.2866i	-1.2976+0.2824i	0.2157-1.1123i	-4.6947-0.7088i
64.4	-0.1302+0.1443i	4.9044-4.0152i	-1.3111-0.1667i	-0.1612-1.1235i	-4.7453-0.2999i	-1.2704+0.2602i	0.0970-1.0683i	-4.7427-0.7203i
64.5	-0.1205+0.1251i	4.7342-3.9824i	-1.3245-0.1608i	-0.2565-1.0828i	-4.7407-0.3553i	-1.2548+0.2456i	0.0053-1.0284i	-4.7476-0.6813i
64.6	-0.1362+0.0600i	5.0016-4.2518i	-1.3409-0.1370i	-0.3539-1.0229i	-4.7458-0.3162i	-1.2409+0.2406i	-0.0878-0.9765i	-4.8040-0.5922i
64.7	-0.1464+0.0282i	4.9938-4.2421i	-1.3545-0.1197i	-0.4064-0.9434i	-4.7464-0.3320i	-1.2500+0.2301i	-0.1397-0.9002i	-4.8406-0.5769i
64.8	-0.1701+0.0230i	5.0149-4.1070i	-1.3623-0.1169i	-0.4293-0.9057i	-4.7633-0.3815i	-1.2674+0.2198i	-0.1578-0.8601i	-4.8973-0.5570i
64.9	-0.1912+0.0249i	4.9124-4.3162i	-1.3725-0.1159i	-0.4629-0.8755i	-4.7882-0.3694i	-1.2745+0.2132i	-0.1824-0.8351i	-4.9398-0.5002i
65.0	-0.2002+0.0040i	5.0842-4.3052i	-1.3766-0.0901i	-0.4699-0.8039i	-4.8297-0.3706i	-1.2853+0.2176i	-0.1891-0.7656i	-4.9010-0.4935i
65.1	-0.2170-0.0128i	5.3475-4.4487i	-1.3686-0.0696i	-0.4854-0.7401i	-4.8457-0.3610i	-1.2899+0.2100i	-0.2055-0.7078i	-4.8894-0.4765i
65.2	-0.2299-0.0230i	5.8033-4.5624i	-1.3636-0.0699i	-0.4927-0.6907i	-4.8634-0.3363i	-1.3014+0.2028i	-0.2121-0.6625i	-4.9572-0.4557i
65.3	-0.2352-0.0182i	5.7353-4.5407i	-1.3653-0.0615i	-0.4686-0.6780i	-4.9002-0.3180i	-1.3097+0.2035i	-0.1859-0.6512i	-4.9467-0.4715i
65.4	-0.2330-0.0222i	5.3902-4.6813i	-1.3677-0.0575i	-0.5002-0.6720i	-4.9629-0.3226i	-1.3225+0.2167i	-0.2106-0.6523i	-5.0146-0.4479i
65.5	-0.2310-0.0213i	5.4287-4.5919i	-1.3604-0.0501i	-0.5320-0.6742i	-4.9879-0.3022i	-1.3261+0.2391i	-0.2462-0.6579i	-5.0568-0.4570i
65.6	-0.2315-0.0348i	5.7177-4.9817i	-1.3456-0.0468i	-0.5476-0.6344i	-4.9890-0.2726i	-1.3262+0.2396i	-0.2635-0.6160i	-5.0264-0.4777i
65.7	-0.2155-0.0512i	5.7425-4.9760i	-1.3617-0.0682i	-0.6192-0.5818i	-5.0165-0.3059i	-1.3350+0.2218i	-0.3306-0.5603i	-5.1070-0.4887i
65.8	-0.2173-0.0523i	5.4936-5.0680i	-1.3648-0.0667i	-0.6283-0.5623i	-5.0347-0.3121i	-1.3373+0.2381i	-0.3407-0.5462i	-5.1527-0.4712i
65.9	-0.2056-0.0532i	6.2490-5.3984i	-1.3596-0.0633i	-0.6328-0.5108i	-5.0576-0.2522i	-1.3369+0.2484i	-0.3435-0.5015i	-5.1924-0.3910i
66.0	-0.1812-0.0513i	6.3162-5.8184i	-1.3685-0.0847i	-0.6306-0.4803i	-5.0846-0.2743i	-1.3354+0.2448i	-0.3334-0.4692i	-5.2184-0.3810i
66.1	-0.1660-0.0595i	5.6902-5.8353i	-1.3625-0.0958i	-0.6397-0.4148i	-5.1026-0.2936i	-1.3373+0.2434i	-0.3486-0.3968i	-5.2656-0.4313i
66.2	-0.1404-0.0843i	6.0153-6.3821i	-1.3748-0.1146i	-0.6262-0.3869i	-5.1279-0.3128i	-1.3532+0.2385i	-0.3343-0.3690i	-5.3445-0.4079i
66.3	-0.1421-0.1068i	6.5136-7.1173i	-1.3829-0.1214i	-0.5683-0.3623i	-5.1548-0.2822i	-1.3620+0.2438i	-0.2783-0.3500i	-5.3793-0.3690i
66.4	-0.1198-0.1573i	6.6199-7.0268i	-1.3901-0.1213i	-0.5416-0.3364i	-5.2189-0.2790i	-1.3576+0.2539i	-0.2501-0.3270i	-5.4184-0.3596i
66.5	-0.1041-0.1889i	6.4340-7.7865i	-1.3981-0.1259i	-0.5555-0.3265i	-5.2325-0.2626i	-1.3635+0.2608i	-0.2584-0.3188i	-5.4539-0.3552i
66.6	-0.1025-0.2152i	6.3874-8.2157i	-1.4062-0.1382i	-0.5251-0.3261i	-5.2670-0.2876i	-1.3785+0.2579i	-0.2241-0.3173i	-5.5103-0.3705i
66.7	-0.0834-0.2547i	6.1700-7.7003i	-1.4293-0.1559i	-0.5157-0.3056i	-5.3271-0.3125i	-1.3989+0.2484i	-0.2086-0.2952i	-5.6040-0.3912i
66.8	-0.0770-0.2871i	5.3029-8.3623i	-1.4449-0.1747i	-0.4965-0.2922i	-5.3581-0.3001i	-1.4211+0.2352i	-0.1889-0.2851i	-5.6524-0.3909i
66.9	-0.0719-0.3422i	5.3761-8.2617i	-1.4663-0.1787i	-0.4818-0.3019i	-5.4486-0.3161i	-1.4385+0.2565i	-0.1694-0.2924i	-5.7504-0.3866i
67.0	-0.0694-0.3749i	4.6399-8.8916i	-1.4870-0.1973i	-0.4706-0.3195i	-5.4591-0.3554i	-1.4628+0.2674i	-0.1512-0.3130i	-5.8328-0.3813i
67.1	-0.0670-0.4360i	5.3351-8.5518i	-1.5079-0.2045i	-0.4715-0.3070i	-5.5448-0.3226i	-1.4816+0.2760i	-0.1515-0.3000i	-5.9321-0.3415i
67.2	-0.0714-0.4958i	5.8213-8.5114i	-1.5283-0.1976i	-0.4634-0.3055i	-5.6140-0.3020i	-1.4989+0.2808i	-0.1322-0.3061i	-6.0324-0.3187i
67.3	-0.0964-0.5557i	4.8865-9.6021i	-1.5528-0.1963i	-0.4721-0.2934i	-5.6323-0.3003i	-1.5148+0.3135i	-0.1452-0.2909i	-6.0796-0.2678i
67.4	-0.1141-0.5950i	3.6434-9.5850i	-1.5702-0.2130i	-0.4708-0.3028i	-5.6435-0.3151i	-1.5265+0.3336i	-0.1451-0.2981i	-6.1452-0.2562i
67.5	-0.1370-0.6614i	3.5832-9.7935i	-1.5877-0.2375i	-0.4558-0.3082i	-5.6899-0.3426i	-1.5559+0.3438i	-0.1195-0.3087i	-6.2859-0.2233i
67.6	-0.1765-0.7261i	3.3470-9.6716i	-1.6120-0.2548i	-0.4664-0.3068i	-5.7454-0.3781i	-1.5670+0.3595i	-0.1204-0.3114i	-6.3814-0.1793i
67.7	-0.2187-0.7905i	3.3314-9.4760i	-1.6474-0.2711i	-0.4926-0.3086i	-5.8309-0.3841i	-1.5769+0.3876i	-0.1442-0.3179i	-6.5081-0.1183i
67.8	-0.3045-0.8598i	2.4406-9.4468i	-1.6861-0.2832i	-0.5145-0.2777i	-5.8670-0.4110i	-1.5670+0.4154i	-0.1694-0.2807i	-6.5625-0.0108i
67.9	-0.3845-0.9109i	2.3823-8.7923i	-1.7381-0.3073i	-0.4810-0.2452i	-5.9568-0.4619i	-1.5781+0.4228i	-0.1294-0.2461i	-6.6828+0.0212i
68.0	-0.4601-0.9333i	1.9981-9.6415i	-1.7631-0.3189i	-0.4456-0.2309i	-5.9609-0.5136i	-1.5814+0.4331i	-0.0938-0.2349i	-6.7078+0.0879i
68.1	-0.5498-0.9253i	1.6971-9.9876i	-1.7941-0.3004i	-0.4023-0.1995i	-6.0035-0.4686i	-1.5618+0.4534i	-0.0519-0.2095i	-6.6981+0.2560i
68.2	-0.6293-0.9333i	1.0927-9.8082i	-1.8413-0.3118i	-0.3654-0.1927i	-6.0877-0.5517i	-1.5515+0.4586i	-0.0089-0.2106i	-6.7354+0.3345i
68.3	-0.7290-0.9501i	2.3852-8.4540i	-1.9360-0.3374i	-0.3071-0.2151i	-6.4022-0.7078i	-1.5799+0.4383i	0.0644-0.2310i	-6.9436+0.3040i
68.4	-0.7787-0.9070i	1.9813-8.2580i	-1.9665-0.3096i	-0.2912-0.2194i	-6.4906-0.6327i	-1.5589+0.4392i	0.0785-0.2353i	-6.8589+0.3468i
68.5	-0.8257-0.8653i	0.6581-8.3288i	-2.0155-0.2930i	-0.2646-0.2268i	-6.5729-0.6233i	-1.5660+0.4442i	0.1072-0.2395i	-6.8227+0.4198i
68.6	-0.8688-0.8432i	1.2939-9.0531i	-2.0445-0.2694i	-0.2331-0.2558i	-6.6948-0.5852i	-1.5789+0.4436i	0.1411-0.2744i	-6.8879+0.5616i

68.7	-0.9086-0.8308i	1.7577-8.6984i	-2.0929-0.2520i	-0.2102-0.3018i	-6.8539-0.6062i	-1.5944+0.4403i	0.1726-0.3242i	-6.9655+0.6130i
68.8	-0.9670-0.8228i	1.9489-7.9512i	-2.1778-0.2394i	-0.1645-0.3631i	-7.1513-0.6746i	-1.6338+0.4380i	0.2277-0.3760i	-7.0683+0.5560i
68.9	-0.9986-0.8183i	1.9082-7.0203i	-2.2348-0.2209i	-0.1377-0.3970i	-7.3740-0.6880i	-1.6613+0.4262i	0.2635-0.4100i	-7.1423+0.5043i
69.0	-1.0346-0.7958i	2.1593-7.4523i	-2.2734-0.1844i	-0.1267-0.4232i	-7.5100-0.5531i	-1.6963+0.4286i	0.2776-0.4412i	-7.2092+0.5514i
69.1	-1.0637-0.7432i	1.5101-8.2646i	-2.2819-0.1333i	-0.1452-0.4771i	-7.5572-0.3924i	-1.7151+0.4653i	0.2534-0.5002i	-7.1636+0.6216i
69.2	-1.1308-0.7307i	2.8560-7.8286i	-2.3446-0.0967i	-0.1381-0.5372i	-7.8665-0.3529i	-1.7777+0.4894i	0.2828-0.5668i	-7.4061+0.6050i
69.3	-1.1676-0.7135i	3.1658-7.8936i	-2.3664-0.0826i	-0.1143-0.5604i	-8.0001-0.3063i	-1.8049+0.4872i	0.3157-0.5818i	-7.5220+0.5330i
69.4	-1.1795-0.6424i	1.9069-9.0624i	-2.3503-0.0275i	-0.1394-0.6111i	-7.9723-0.0526i	-1.8060+0.5400i	0.2829-0.6344i	-7.4795+0.7104i
69.5	-1.1729-0.6129i	1.2530-9.7966i	-2.3779-0.0123i	-0.2021-0.7034i	-8.1265+0.0739i	-1.8577+0.6007i	0.2335-0.7407i	-7.6709+0.8416i
69.6	-1.1747-0.6072i	2.0349-9.8948i	-2.3924-0.0145i	-0.2072-0.7627i	-8.2566+0.1227i	-1.8998+0.6414i	0.2369-0.7979i	-7.8359+0.9087i
69.7	-1.1999-0.6229i	2.9380-9.7565i	-2.4394-0.0012i	-0.1970-0.8162i	-8.4914+0.1929i	-1.9445+0.7032i	0.2653-0.8549i	-8.0682+1.0219i
69.8	-1.2276-0.6307i	2.9833-9.7619i	-2.4983+0.0116i	-0.2446-0.8487i	-8.6671+0.2965i	-1.9569+0.7522i	0.2312-0.8957i	-8.2187+1.1346i
69.9	-1.2644-0.6336i	3.1083-9.8660i	-2.5358+0.0212i	-0.2676-0.9056i	-8.8469+0.4321i	-1.9582+0.8156i	0.2118-0.9617i	-8.3452+1.2668i
70.0	-1.2871-0.6501i	1.9780-9.4513i	-2.5796+0.0147i	-0.2477-0.9865i	-8.9450+0.4434i	-1.9734+0.8637i	0.2378-1.0400i	-8.4307+1.2591i
70.1	-1.3289-0.6524i	1.7439-9.5430i	-2.6381+0.0188i	-0.2549-1.0721i	-9.1310+0.5461i	-1.9844+0.9282i	0.2503-1.1319i	-8.5962+1.3536i
70.2	-1.3967-0.6476i	3.1945-9.6104i	-2.6987+0.0176i	-0.2711-1.1748i	-9.3409+0.6738i	-1.9886+0.9983i	0.2523-1.2413i	-8.7872+1.4862i
70.3	-1.4580-0.6269i	3.2875-9.7784i	-2.7469+0.0447i	-0.3430-1.2753i	-9.4405+0.8383i	-1.9606+1.0912i	0.1879-1.3491i	-8.8675+1.6627i
70.4	-1.5471-0.5661i	2.9384-10.5797i	-2.8343+0.1047i	-0.4745-1.4200i	-9.6146+1.1356i	-1.9010+1.2116i	0.0682-1.5163i	-8.9840+1.9437i
70.5	-1.6079-0.4861i	2.3151-11.3943i	-2.8987+0.1584i	-0.6456-1.5141i	-9.6708+1.4248i	-1.8170+1.2871i	-0.0988-1.6265i	-9.0372+2.2049i
70.6	-1.6460-0.4234i	3.0827-10.7016i	-2.9946+0.2132i	-0.7985-1.5780i	-9.8439+1.5653i	-1.7598+1.3252i	-0.2335-1.6949i	-9.2841+2.2999i
70.7	-1.6781-0.3905i	2.7616-10.0465i	-3.0624+0.2265i	-0.8545-1.5999i	-9.9364+1.5303i	-1.7041+1.3242i	-0.2822-1.7066i	-9.3296+2.2340i
70.8	-1.6783-0.3148i	3.1815-10.1549i	-3.1655+0.3161i	-1.0935-1.6500i	-10.2136+1.6289i	-1.6063+1.3196i	-0.4862-1.7741i	-9.6951+2.4660i
70.9	-1.7072-0.2423i	3.0614-11.6085i	-3.2269+0.4430i	-1.3082-1.6302i	-10.3433+2.0151i	-1.5201+1.3579i	-0.6890-1.7852i	-9.7523+2.8869i
71.0	-1.6896-0.1524i	2.3494-12.2028i	-3.2079+0.5722i	-1.4128-1.5634i	-10.2925+2.2910i	-1.4398+1.3376i	-0.7939-1.7402i	-9.6726+3.1640i
71.1	-1.6611-0.0928i	2.8455-12.6554i	-3.2177+0.6561i	-1.4817-1.5677i	-10.4346+2.4862i	-1.4276+1.2962i	-0.8527-1.7672i	-9.8129+3.3983i
71.2	-1.6628-0.0817i	3.0057-12.9555i	-3.2848+0.6958i	-1.5877-1.6039i	-10.7504+2.5715i	-1.4339+1.2715i	-0.9415-1.8211i	-10.0812+3.5940i
71.3	-1.6408-0.0861i	3.6726-12.9256i	-3.3010+0.7338i	-1.6784-1.6282i	-10.9469+2.7238i	-1.4507+1.2648i	-1.0171-1.8617i	-10.2520+3.8157i
71.4	-1.6052-0.0666i	3.4220-12.8865i	-3.3248+0.7630i	-1.8154-1.6300i	-11.0956+2.8925i	-1.4577+1.2217i	-1.1488-1.8812i	-10.3456+3.9840i
71.5	-1.6014-0.0447i	3.3394-13.5693i	-3.3569+0.8303i	-1.9984-1.6892i	-11.2436+3.1939i	-1.4448+1.2457i	-1.3238-1.9638i	-10.4382+4.3689i
71.6	-1.5903-0.0306i	2.6326-14.2490i	-3.3754+0.8782i	-2.1878-1.6605i	-11.3078+3.4772i	-1.4092+1.2469i	-1.5106-1.9530i	-10.3879+4.6927i
71.7	-1.5773-0.0040i	2.5228-14.9346i	-3.3930+0.9701i	-2.4317-1.6173i	-11.3655+3.9253i	-1.3681+1.2609i	-1.7484-1.9461i	-10.2945+5.1136i
71.8	-1.6020-0.0302i	3.1636-15.0145i	-3.4942+0.9803i	-2.6888-1.6569i	-11.6951+4.0797i	-1.3638+1.2557i	-1.9975-1.9995i	-10.5130+5.2864i
71.9	-1.6118+0.0135i	1.5885-16.2680i	-3.5164+1.1112i	-2.9545-1.4796i	-11.6276+4.6114i	-1.3153+1.2674i	-2.2831-1.8621i	-10.2758+5.7829i
72.0	-1.6326+0.0261i	0.7874-16.7184i	-3.6147+1.2478i	-3.2937-1.2160i	-11.7188+5.0843i	-1.2963+1.2450i	-2.6171-1.6475i	-10.2316+6.2058i
72.1	-1.6249+0.0271i	-0.1785-16.5832i	-3.5660+1.3258i	-3.3684-0.8875i	-11.4445+5.2472i	-1.2575+1.1735i	-2.7080-1.3264i	-9.9219+6.2646i
72.2	-1.6756+0.0282i	0.2812-17.3120i	-3.6811+1.3991i	-3.6840-0.8443i	-11.7735+5.5593i	-1.2107+1.1922i	-3.0102-1.2996i	-10.0564+6.5876i
72.3	-1.7325+0.0443i	0.7650-17.0449i	-3.7731+1.5008i	-3.9531-0.6470i	-12.0434+5.9452i	-1.1971+1.1712i	-3.2639-1.1403i	-10.1836+6.9065i
72.4	-1.7618+0.0702i	-0.3581-17.7971i	-3.7855+1.6481i	-4.0275-0.2490i	-11.9002+6.3753i	-1.2046+1.1254i	-3.3520-0.7729i	-9.9583+7.2275i
72.5	-1.8262+0.1638i	-1.2358-19.0916i	-3.7917+1.9339i	-4.1674+0.2032i	-11.7574+7.2084i	-1.1685+1.1315i	-3.5128-0.3731i	-9.6753+7.9078i
72.6	-1.8534+0.1919i	-1.6779-18.7138i	-3.8039+2.0039i	-4.1578+0.4613i	-11.7566+7.3538i	-1.1928+1.0779i	-3.5127-0.1267i	-9.6603+7.9555i
72.7	-1.8846+0.2473i	-2.4497-18.7433i	-3.7894+2.1362i	-4.1554+0.8085i	-11.6195+7.7608i	-1.1890+1.0324i	-3.5252+0.1858i	-9.4642+8.2019i
72.8	-1.9094+0.3321i	-3.5037-19.2542i	-3.7503+2.3283i	-4.1893+1.1900i	-11.3618+8.3223i	-1.1609+0.9912i	-3.5843+0.5319i	-9.1086+8.6139i
72.9	-1.9422+0.4173i	-4.0490-19.0654i	-3.7658+2.4943i	-4.1787+1.4901i	-11.4028+8.7542i	-1.1972+0.9818i	-3.5811+0.8024i	-9.0722+8.9581i
73.0	-1.9167+0.4747i	-4.9897-18.5303i	-3.6832+2.5848i	-3.9918+1.7435i	-11.1848+8.8700i	-1.2435+0.9396i	-3.4110+1.0539i	-8.8897+8.9830i
73.1	-1.9189+0.6091i	-5.7841-19.5777i	-3.6050+2.7930i	-3.9508+2.1761i	-10.8331+9.5335i	-1.2254+0.8925i	-3.4059+1.4375i	-8.4668+9.4031i
73.2	-1.9033+0.6935i	-6.2038-19.8049i	-3.5768+2.9582i	-3.8485+2.5314i	-10.7482+10.0435i	-1.2846+0.8596i	-3.3237+1.7527i	-8.3690+9.7983i
73.3	-1.8561+0.7507i	-6.7742-19.0612i	-3.5051+3.0467i	-3.5777+2.7134i	-10.5923+10.2299i	-1.3590+0.8352i	-3.0706+1.9264i	-8.2317+9.8753i
73.4	-1.7944+0.8133i	-7.7075-19.1397i	-3.3566+3.1256i	-3.3246+2.8685i	-10.1752+10.4650i	-1.3719+0.8351i	-2.8530+2.0739i	-7.8412+10.0006i
73.5	-1.7198+0.8980i	-8.4449-19.0419i	-3.2359+3.2881i	-3.0922+3.1022i	-9.7942+10.8849i	-1.4092+0.8220i	-2.6538+2.2814i	-7.5165+10.2214i
73.6	-1.6477+0.9464i	-9.3240-18.3692i	-3.1575+3.3669i	-2.8851+3.2487i	-9.5143+11.0088i	-1.4596+0.7870i	-2.4725+2.4248i	-7.2932+10.1905i
73.7	-1.5751+1.0122i	-9.6651-18.6590i	-3.0439+3.5568i	-2.7194+3.4959i	-9.2047+11.5386i	-1.5058+0.7990i	-2.3278+2.6379i	-7.0459+10.6234i
73.8	-1.4940+0.9916i	-10.4629-18.1997i	-2.8960+3.5995i	-2.4149+3.6066i	-8.7974+11.6566i	-1.6073+0.7979i	-2.0696+2.7417i	-6.7655+10.6730i
73.9	-1.4278+1.0031i	-10.8244-18.2271i	-2.7742+3.6717i	-2.1958+3.7847i	-8.3945+11.8689i	-1.6650+0.7779i	-1.8856+2.9019i	-6.4211+10.8214i
74.0	-1.3595+0.9996i	-11.8168-17.1906i	-2.6078+3.6756i	-1.9072+3.8443i	-7.9716+11.8698i	-1.7220+0.7977i	-1.6262+2.9744i	-6.1071+10.7675i
74.1	-1.2672+1.0147i	-13.1818-17.1664i	-2.3419+3.7407i	-1.4691+3.9071i	-7.1564+12.0982i	-1.7502+0.8684i	-1.2508+3.0297i	-5.3942+10.8543i
74.2	-1.2044+1.0071i	-13.4704-16.9064i	-2.1912+3.7979i	-1.1782+4.0280i	-6.7894+12.2726i	-1.8271+0.8731i	-1.0008+3.1356i	-5.0811+10.9570i
74.3	-1.1611+0.9849i	-13.7764-16.2673i	-2.0920+3.7941i	-0.9184+3.9976i	-6.6421+12.3133i	-1.9106+0.9298i	-0.7609+3.1113i	-5.0126+10.9720i
74.4	-1.1267+0.9687i	-13.7887-15.9799i	-2.0237+3.8102i	-0.7509+4.0785i	-6.5430+12.3730i	-1.9803+0.9230i	-0.6048+3.1876i	-4.9429+11.0116i
74.5	-1.1017+0.9211i	-14.0504-15.0481i	-1.9447+3.7339i	-0.4781+3.8425i	-6.2792+12.2186i	-2.0434+1.0399i	-0.3513+2.9749i	-4.7676+10.8221i
74.6	-1.0750+0.9140i	-14.2962-14.6555i	-1.8721+3.7592i	-0.3270+3.8537i	-6.0918+12.3550i	-2.0900+1.0745i	-0.2195+2.9832i	-4.6430+10.9012i
74.7	-1.0445+0.8729i	-14.0891-13.8345i	-1.8490+3.6639i	-0.2342+3.7366i	-6.0407+12.1254i	-2.1030+1.0698i	-0.1249+2.8899i	-4.6669+10.6432i
74.8	-1.0359+0.8729i	-14.4710-13.6669i	-1.7561+3.7752i	0.0514+3.7269i	-5.6309+12.5279i	-2.1882+1.2304i	0.1173+2.8545i	-4.3353+11.0183i
74.9	-0.9860+0.8592i	-15.1640-13.4214i	-1.5754+3.7707i	0.3096+3.6351i	-5.1754+12.4712i	-2.2091+1.2919i	0.3372+2.7833i	-3.9663+10.9047i

75.0	-0.9578+0.8033i	-15.7585-12.8761i	-1.4643+3.6822i	0.5318+3.5278i	-4.9205+12.4017i	-2.2379+1.3540i	0.5380+2.6917i	-3.8526+10.8040i
75.1	-0.9855+0.7653i	-15.6774-12.1133i	-1.4626+3.6176i	0.6009+3.2916i	-4.7733+12.3291i	-2.2037+1.4888i	0.5939+2.4643i	-3.7401+10.8087i
75.2	-1.0078+0.7509i	-15.6783-12.1505i	-1.4628+3.6562i	0.7234+3.2425i	-4.6897+12.5670i	-2.2634+1.5908i	0.7003+2.4054i	-3.7152+11.0280i
75.3	-0.9902+0.7174i	-16.3091-11.5431i	-1.3453+3.5343i	0.8219+3.0393i	-4.0971+12.1112i	-2.1590+1.6142i	0.7598+2.2408i	-3.2147+10.6284i
75.4	-0.9607+0.6876i	-16.6199-10.8618i	-1.2650+3.4630i	0.9794+2.8819i	-3.7571+11.9119i	-2.1859+1.6771i	0.8928+2.1083i	-3.0321+10.4396i
75.5	-0.9595+0.6832i	-16.7281-10.0720i	-1.2220+3.4404i	1.0341+2.7182i	-3.5736+11.7807i	-2.1578+1.7482i	0.9425+1.9632i	-2.9715+10.3517i
75.6	-0.9782+0.6463i	-16.7437-9.7514i	-1.2126+3.3967i	1.0686+2.6088i	-3.4134+11.6717i	-2.1304+1.8067i	0.9563+1.8615i	-2.8558+10.3222i
75.7	-1.0166+0.6191i	-16.5368-9.8830i	-1.2095+3.4808i	1.1250+2.5645i	-3.3217+12.0079i	-2.1427+1.9596i	1.0038+1.8035i	-2.7886+10.7464i
75.8	-1.0002+0.6215i	-16.7218-9.2309i	-1.1812+3.4699i	1.1251+2.4638i	-3.2272+11.8966i	-2.0848+2.0177i	1.0069+1.7163i	-2.7377+10.6607i
75.9	-1.0211+0.6017i	-16.7644-9.1857i	-1.1429+3.5337i	1.2112+2.4310i	-2.9695+12.1933i	-2.0627+2.1544i	1.0530+1.6646i	-2.4699+11.0332i
76.0	-1.0567+0.5803i	-16.9324-8.5256i	-1.1135+3.4241i	1.1898+2.2037i	-2.6968+11.6203i	-1.9110+2.1764i	1.0110+1.4949i	-2.1661+10.6003i
76.1	-1.0743+0.5636i	-17.1640-8.0620i	-1.1390+3.4177i	1.1986+2.1945i	-2.7434+11.4853i	-1.9009+2.1726i	1.0154+1.4968i	-2.2062+10.4934i
76.2	-1.0901+0.6065i	-17.6995-7.6458i	-1.0052+3.5009i	1.3249+2.0762i	-2.3935+11.5287i	-1.8325+2.3200i	1.1207+1.3948i	-1.8845+10.5120i
76.3	-1.1393+0.6056i	-17.8376-7.2261i	-0.9909+3.4566i	1.3024+1.9317i	-2.2323+11.2460i	-1.7362+2.3470i	1.0817+1.2877i	-1.6843+10.3348i
76.4	-1.1957+0.6180i	-18.0308-6.8294i	-0.9934+3.4369i	1.2538+1.8401i	-2.1499+11.0582i	-1.6426+2.3455i	1.0219+1.2268i	-1.5464+10.2096i
76.5	-1.2050+0.6648i	-18.0334-6.3485i	-0.9601+3.4798i	1.2773+1.8433i	-2.1014+11.0158i	-1.5974+2.3370i	1.0417+1.2415i	-1.4526+10.1814i
76.6	-1.1944+0.7052i	-17.9053-6.0041i	-0.9076+3.5163i	1.2635+1.8662i	-2.1033+10.9778i	-1.5228+2.3039i	1.0372+1.2704i	-1.3612+10.1569i
76.7	-1.2184+0.7096i	-17.6972-5.7268i	-0.9048+3.5804i	1.2695+1.8844i	-2.1821+11.1518i	-1.5012+2.3462i	1.0457+1.2682i	-1.4032+10.3637i
76.8	-1.2453+0.7281i	-18.2534-5.5322i	-0.8333+3.5422i	1.3782+1.7840i	-1.9312+10.7846i	-1.4494+2.3374i	1.1174+1.2184i	-1.0634+9.9999i
76.9	-1.2772+0.7734i	-18.3955-4.7239i	-0.8547+3.5759i	1.3533+1.7672i	-2.2076+10.6893i	-1.4453+2.2930i	1.1129+1.2302i	-1.2324+9.8994i
77.0	-1.2742+0.8150i	-18.3795-3.9461i	-0.7909+3.6164i	1.3895+1.7749i	-2.3043+10.7421i	-1.4058+2.2800i	1.1614+1.2385i	-1.2293+9.9368i
77.1	-1.2521+0.8665i	-18.8121-3.3699i	-0.6928+3.5056i	1.4270+1.6519i	-2.1256+10.0727i	-1.3178+2.1564i	1.1930+1.1997i	-0.9282+9.2234i
77.2	-1.2837+0.9058i	-18.6014-3.7664i	-0.6589+3.5923i	1.4921+1.6680i	-2.1897+10.3711i	-1.3249+2.1715i	1.2489+1.2011i	-0.9168+9.4980i
77.3	-1.2439+0.9392i	-18.8083-2.8365i	-0.6959+3.5429i	1.4473+1.5488i	-2.6401+10.2955i	-1.3816+2.1439i	1.2660+1.0908i	-1.3364+9.3072i
77.4	-1.2148+0.9316i	-18.5371-1.8351i	-0.6178+3.5938i	1.4917+1.4520i	-2.5411+10.7284i	-1.3663+2.2436i	1.3093+0.9693i	-1.2888+9.6228i
77.5	-1.2218+0.9613i	-18.2743-1.8072i	-0.6578+3.5820i	1.4277+1.4326i	-2.9228+10.6586i	-1.3840+2.1665i	1.2749+0.9582i	-1.6680+9.5200i
77.6	-1.1618+0.9951i	-17.9562-1.1942i	-0.5989+3.5181i	1.4538+1.4269i	-3.1427+10.3091i	-1.4201+2.0497i	1.3234+0.9775i	-1.8503+9.0917i
77.7	-1.1350+0.9816i	-17.7424-0.5889i	-0.5823+3.5555i	1.4870+1.4256i	-3.4040+10.6700i	-1.4931+2.0897i	1.3824+0.9438i	-2.1415+9.4018i
77.8	-1.1007+1.0312i	-18.0103+0.0788i	-0.5638+3.4544i	1.4196+1.2741i	-3.6049+10.4690i	-1.4880+2.0710i	1.3558+0.8275i	-2.3376+9.1572i
77.9	-1.0913+1.0399i	-18.3264+0.5930i	-0.6203+3.5196i	1.3663+1.2934i	-4.0022+10.8223i	-1.5690+2.1238i	1.3258+0.8171i	-2.7148+9.5150i
78.0	-1.0882+1.0763i	-18.2268+0.5829i	-0.5885+3.5580i	1.3695+1.2266i	-4.0781+11.2937i	-1.5730+2.2203i	1.3396+0.7256i	-2.7772+9.9603i
78.1	-1.0479+1.0898i	-18.0374+1.1928i	-0.5807+3.6306i	1.3733+1.2574i	-4.2591+11.8744i	-1.6165+2.2820i	1.3629+0.6999i	-2.9279+10.4480i
78.2	-1.0214+1.0971i	-18.1866+1.6598i	-0.6194+3.7049i	1.4576+1.3393i	-4.8382+12.2971i	-1.7716+2.2928i	1.4744+0.7531i	-3.3462+10.7300i
78.3	-1.0108+1.0881i	-18.0854+2.3793i	-0.6350+3.7707i	1.4772+1.3629i	-5.1349+12.8498i	-1.8275+2.3610i	1.4952+0.7383i	-3.6065+11.2390i
78.4	-1.0123+1.1028i	-17.9235+3.1620i	-0.6754+3.8933i	1.5348+1.4203i	-5.5150+13.5159i	-1.9334+2.4302i	1.5746+0.7579i	-3.8769+11.7276i
78.5	-0.9948+1.1250i	-17.7660+3.2995i	-0.5637+3.9585i	1.6703+1.3478i	-5.2477+14.0352i	-1.9550+2.5518i	1.6928+0.6636i	-3.5559+12.0977i
78.6	-0.9793+1.1360i	-17.6346+3.8686i	-0.4985+4.2473i	1.7822+1.4819i	-5.3025+15.6069i	-2.0267+2.7761i	1.7908+0.6725i	-3.6120+13.5502i
78.7	-0.9702+1.1712i	-17.5841+4.5551i	-0.5277+4.4999i	1.8060+1.5568i	-5.7312+16.8645i	-2.1313+2.9720i	1.8629+0.6554i	-4.0307+14.6586i
78.8	-0.9671+1.1800i	-17.1439+6.1319i	-0.5370+4.8903i	1.9961+1.7266i	-6.3786+18.7609i	-2.3441+3.2293i	2.0732+0.7164i	-4.6635+16.1886i
78.9	-0.9278+1.2878i	-16.2874+7.2125i	-0.1449+5.5456i	2.3595+2.0309i	-5.4467+21.9725i	-2.2918+3.6753i	2.3194+0.7897i	-3.7031+19.0797i
79.0	-0.7358+1.3498i	-15.1454+7.0653i	1.0411+5.5476i	3.1795+1.6520i	-0.9460+23.6194i	-1.7726+4.0994i	2.7923+0.3554i	0.5640+20.2827i
79.1	-0.6313+1.2307i	-14.8532+6.0815i	1.4639+4.7566i	3.2847+0.9570i	1.5694+21.4101i	-1.3711+3.9171i	2.7251-0.1412i	2.8026+18.0775i
79.2	-0.6426+1.1717i	-14.9024+6.1624i	1.4104+4.4363i	3.1515+0.6292i	1.9924+20.5965i	-1.2841+3.8813i	2.5534-0.3866i	3.1141+17.3381i
79.3	-0.6430+1.0934i	-15.0739+6.6773i	1.2552+4.3915i	3.0459+0.5617i	1.4899+20.7309i	-1.3635+3.9229i	2.4857-0.4636i	2.5562+17.3421i
79.4	-0.6581+1.0857i	-14.9476+6.5136i	1.4277+4.2086i	3.0115+0.3543i	2.8736+20.3314i	-1.1040+3.8903i	2.3137-0.6247i	3.9357+16.8989i
79.5	-0.7082+1.1359i	-14.7505+7.1595i	1.7787+4.2389i	3.1919-0.0040i	4.7861+21.6385i	-0.8856+4.2170i	2.3327-1.0190i	5.5958+17.9753i
79.6	-0.6726+1.0880i	-14.0791+8.3484i	1.9018+4.2531i	3.2295-0.0574i	5.3785+22.1277i	-0.8132+4.2726i	2.3436-1.0624i	5.9615+18.3251i
79.7	-0.6019+1.1215i	-13.8383+8.7143i	2.1041+3.9931i	3.1441-0.3770i	7.0567+21.3121i	-0.5237+4.2680i	2.1547-1.2363i	7.4765+17.3392i
79.8	-0.5997+1.1170i	-13.4561+9.2056i	2.3173+3.8222i	3.1896-0.6457i	8.5197+21.2302i	-0.3372+4.3623i	2.0841-1.4454i	8.7065+17.0990i
79.9	-0.6469+1.0654i	-12.2517+9.8002i	2.5103+3.5460i	3.2453-0.9628i	10.4346+20.6456i	-0.1289+4.3533i	1.9593-1.6477i	10.3202+16.4437i
80.0	-0.6029+1.0703i	-12.0176+9.8595i	2.5888+3.3246i	3.0757-1.1209i	11.4610+19.6017i	0.1015+4.2305i	1.7719-1.6748i	11.2589+15.4095i

2.1.51 Run 5 – VTC – Accels 17–24

Vertical shaking on center. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-1.1551+0.0000i	0.0379+0.0000i	11.0899+0.0000i	5.3907+0.0000i	7.0796+0.0000i	2.5092+0.0000i	4.4180+0.0000i	7.7399+0.0000i
0.1	0.1600-0.2907i	-0.3794-0.1490i	1.7987-0.7636i	-0.3421+0.0888i	1.0718-0.8047i	-0.8276+2.5400i	1.0350-0.6752i	1.5841-0.7380i
0.2	0.5185+0.1937i	-0.0006-0.0061i	-0.0574-0.0315i	-0.3414+0.1735i	-0.0861-0.1307i	-0.9072+1.0411i	-0.0224+0.0634i	-0.0863+0.1653i
0.3	0.1580+0.1314i	0.0630-0.0247i	0.0106+0.0024i	0.0247+0.0307i	-0.0158-0.0507i	-0.1846+0.1193i	0.0120+0.0217i	0.0517+0.0296i
0.4	-0.0230+0.0413i	0.0223-0.0126i	0.0076+0.0092i	-0.0019-0.0195i	0.0256-0.0309i	0.0535+0.0037i	-0.0038-0.0353i	0.0121-0.0194i
0.5	-0.0070+0.0031i	0.0046-0.0157i	0.0119+0.0069i	-0.0148+0.0138i	0.0075+0.0015i	0.0153+0.0010i	-0.0276-0.0195i	-0.0186-0.0247i
0.6	0.0041-0.0024i	0.0022-0.0048i	0.0180+0.0063i	-0.0073+0.0035i	0.0073-0.0003i	-0.0018+0.0043i	-0.0096-0.0021i	-0.0042-0.0118i
0.7	0.0069-0.0007i	0.0019+0.0025i	0.0100+0.0024i	0.0032-0.0156i	0.0118+0.0001i	0.0131-0.0009i	0.0049-0.0046i	-0.0022+0.0021i
0.8	-0.0058-0.0074i	0.0003+0.0038i	0.0130-0.0029i	0.0006-0.0016i	0.0016-0.0000i	0.0105-0.0018i	0.0002-0.0023i	-0.0043+0.0012i
0.9	-0.0051-0.0032i	0.0029+0.0037i	-0.0010-0.0086i	-0.0020-0.0019i	0.0039+0.0048i	-0.0002+0.0047i	0.0005+0.0007i	0.0038+0.0060i
1.0	-0.0047-0.0041i	0.0028+0.0012i	-0.0001-0.0025i	0.0008-0.0006i	0.0033+0.0010i	-0.0038-0.0055i	-0.0005+0.0011i	0.0044+0.0018i
1.1	-0.0038-0.0028i	0.0025-0.0013i	0.0108+0.0003i	0.0002+0.0012i	0.0039-0.0018i	-0.0045-0.0070i	0.0005+0.0001i	0.0035+0.0007i
1.2	-0.0021-0.0013i	0.0024-0.0017i	0.0119-0.0005i	-0.0027-0.0003i	0.0039-0.0005i	-0.0051-0.0013i	0.0002+0.0021i	0.0028+0.0016i
1.3	-0.0008+0.0007i	0.0029-0.0002i	0.0101+0.0002i	0.0000+0.0012i	0.0031+0.0011i	-0.0023+0.0007i	0.0007+0.0021i	0.0054+0.0009i
1.4	-0.0005-0.0008i	0.0049-0.0011i	0.0083-0.0023i	-0.0017-0.0022i	0.0050+0.0003i	-0.0059-0.0042i	0.0015+0.0002i	0.0055+0.0005i
1.5	-0.0001-0.0035i	0.0065-0.0014i	0.0076-0.0004i	0.0012-0.0051i	0.0059-0.0050i	-0.0042-0.0023i	0.0027+0.0002i	0.0061-0.0029i
1.6	-0.0011-0.0048i	0.0051-0.0013i	0.0116-0.0004i	0.0025-0.0033i	-0.0006-0.0059i	-0.0067-0.0003i	0.0050+0.0002i	0.0032-0.0043i
1.7	-0.0005-0.0053i	0.0047-0.0015i	0.0135-0.0024i	0.0030-0.0033i	-0.0019-0.0027i	-0.0092+0.0041i	0.0075-0.0020i	0.0036-0.0015i
1.8	0.0052-0.0089i	0.0102-0.0010i	0.0159-0.0130i	0.0090-0.0067i	0.0032-0.0005i	-0.0096+0.0017i	0.0122-0.0090i	0.0081-0.0013i
1.9	0.0026-0.0207i	0.0167-0.0087i	0.0122-0.0262i	0.0065-0.0185i	0.0055-0.0031i	-0.0122+0.0018i	0.0114-0.0237i	0.0120-0.0060i
2.0	-0.0134-0.0311i	0.0290-0.0187i	-0.0202-0.0310i	-0.0080-0.0340i	0.0103-0.0074i	-0.0131+0.0059i	-0.0011-0.0375i	0.0210-0.0154i
2.1	-0.0182-0.0383i	0.0195-0.0652i	-0.0197-0.0042i	-0.0153-0.0477i	0.0067-0.0232i	-0.0128+0.0045i	-0.0103-0.0585i	0.0135-0.0502i
2.2	-0.0784-0.0384i	-0.0264-0.0496i	-0.0383-0.0099i	-0.0783-0.0439i	-0.0092-0.0166i	-0.0077+0.0027i	-0.0850-0.0532i	-0.0215-0.0395i
2.3	-0.1929+0.0353i	-0.0236+0.0047i	-0.1293+0.0138i	-0.1906+0.0380i	-0.0045+0.0018i	0.0005-0.0016i	-0.1933+0.0386i	-0.0234+0.0053i
2.4	-0.0324+0.2152i	-0.0131+0.0016i	-0.0151+0.1438i	-0.0320+0.2093i	-0.0029-0.0039i	-0.0129-0.0148i	-0.0343+0.2086i	-0.0114+0.0103i
2.5	0.1015+0.1070i	-0.0115+0.0014i	0.0753+0.0660i	0.0975+0.1028i	-0.0059-0.0005i	-0.0234-0.0074i	0.0935+0.1013i	-0.0047+0.0054i
2.6	0.0655+0.0355i	-0.0111+0.0003i	0.0494+0.0193i	0.0626+0.0342i	-0.0057-0.0008i	-0.0224-0.0022i	0.0583+0.0325i	-0.0049+0.0022i
2.7	0.0394+0.0168i	-0.0109+0.0016i	0.0289+0.0057i	0.0387+0.0134i	-0.0038-0.0003i	-0.0222-0.0017i	0.0348+0.0163i	-0.0048+0.0011i
2.8	0.0285+0.0082i	-0.0086+0.0005i	0.0216+0.0000i	0.0283+0.0089i	-0.0045-0.0009i	-0.0220+0.0001i	0.0257+0.0088i	-0.0041+0.0009i
2.9	0.0306+0.0086i	-0.0086-0.0010i	0.0187+0.0021i	0.0274+0.0098i	-0.0033-0.0017i	-0.0240-0.0020i	0.0257+0.0085i	-0.0015-0.0004i
3.0	0.0276+0.0072i	-0.0094-0.0002i	0.0136+0.0033i	0.0210+0.0072i	-0.0035+0.0010i	-0.0254-0.0018i	0.0219+0.0050i	-0.0025-0.0008i
3.1	0.0183+0.0064i	-0.0097+0.0005i	0.0119+0.0042i	0.0133+0.0064i	-0.0022-0.0003i	-0.0273+0.0013i	0.0148+0.0054i	-0.0043-0.0011i
3.2	0.0143+0.0126i	-0.0054-0.0004i	0.0178+0.0062i	0.0144+0.0099i	0.0011-0.0012i	-0.0332+0.0006i	0.0146+0.0129i	-0.0014-0.0024i
3.3	0.0274+0.0121i	-0.0086-0.0050i	0.0141-0.0105i	0.0228+0.0126i	-0.0044-0.0009i	-0.0367+0.0016i	0.0224+0.0131i	-0.0015-0.0024i
3.4	0.0302+0.0054i	-0.0099-0.0005i	0.0015-0.0079i	0.0281+0.0052i	-0.0061-0.0007i	-0.0337-0.0013i	0.0241+0.0081i	-0.0003-0.0030i
3.5	0.0275-0.0004i	-0.0042-0.0019i	0.0015+0.0000i	0.0264+0.0026i	-0.0008+0.0004i	-0.0349-0.0035i	0.0247+0.0023i	0.0003-0.0031i
3.6	0.0412+0.0039i	0.0015-0.0091i	0.0010+0.0230i	0.0248+0.0009i	-0.0016-0.0054i	-0.0427-0.0079i	0.0277-0.0010i	-0.0019-0.0081i
3.7	0.0198-0.0091i	-0.0080+0.0015i	0.0328+0.0019i	0.0106-0.0076i	-0.0032+0.0025i	-0.0433+0.0092i	0.0130-0.0058i	-0.0046-0.0004i
3.8	0.0223-0.0006i	-0.0094+0.0027i	0.0249-0.0016i	0.0126-0.0018i	-0.0024+0.0041i	-0.0453+0.0027i	0.0108-0.0012i	-0.0042+0.0022i
3.9	0.0239+0.0010i	-0.0086+0.0002i	0.0187-0.0017i	0.0146+0.0010i	-0.0025+0.0008i	-0.0472+0.0020i	0.0126+0.0008i	-0.0045-0.0004i
4.0	0.0260+0.0012i	-0.0104-0.0020i	0.0155+0.0010i	0.0164+0.0014i	-0.0038-0.0014i	-0.0485+0.0011i	0.0139+0.0007i	-0.0052-0.0020i
4.1	0.0272+0.0005i	-0.0122-0.0017i	0.0150+0.0030i	0.0167+0.0003i	-0.0054-0.0009i	-0.0519+0.0001i	0.0135+0.0001i	-0.0071-0.0017i
4.2	0.0274+0.0011i	-0.0136-0.0008i	0.0150+0.0012i	0.0163-0.0003i	-0.0056+0.0004i	-0.0558-0.0005i	0.0131+0.0005i	-0.0076-0.0005i
4.3	0.0295+0.0001i	-0.0145+0.0019i	0.0107-0.0044i	0.0170+0.0007i	-0.0066+0.0009i	-0.0589-0.0001i	0.0141+0.0007i	-0.0082+0.0014i
4.4	0.0317-0.0000i	-0.0148+0.0048i	0.0068-0.0097i	0.0187+0.0005i	-0.0071+0.0037i	-0.0624+0.0004i	0.0148+0.0013i	-0.0085+0.0043i
4.5	0.0334+0.0007i	-0.0149+0.0072i	0.0000-0.0090i	0.0177+0.0003i	-0.0068+0.0063i	-0.0657+0.0007i	0.0145-0.0003i	-0.0069+0.0065i
4.6	0.0360-0.0012i	-0.0133+0.0098i	-0.0093-0.0076i	0.0180-0.0006i	-0.0043+0.0071i	-0.0707+0.0007i	0.0158-0.0003i	-0.0036+0.0108i
4.7	0.0360-0.0023i	-0.0112+0.0158i	-0.0193-0.0118i	0.0199-0.0006i	-0.0018+0.0114i	-0.0743-0.0006i	0.0162+0.0015i	0.0004+0.0171i
4.8	0.0331+0.0000i	0.0047+0.0157i	-0.0386-0.0013i	0.0214+0.0030i	0.0085+0.0159i	-0.0782-0.0010i	0.0154+0.0060i	0.0119+0.0176i
4.9	0.0429+0.0066i	0.0169-0.0013i	-0.0421+0.0288i	0.0249+0.0046i	0.0181+0.0001i	-0.0816-0.0016i	0.0244+0.0069i	0.0227-0.0026i
5.0	0.0523-0.0026i	-0.0073-0.0157i	-0.0128+0.0233i	0.0339-0.0051i	0.0005-0.0133i	-0.0894-0.0078i	0.0254-0.0030i	0.0031-0.0147i
5.1	0.0545-0.0023i	-0.0108-0.0105i	-0.0221+0.0123i	0.0336-0.0029i	-0.0014-0.0099i	-0.0984-0.0107i	0.0250-0.0028i	-0.0013-0.0092i
5.2	0.0637-0.0051i	-0.0110-0.0102i	-0.0324+0.0076i	0.0388-0.0067i	-0.0027-0.0085i	-0.1121-0.0082i	0.0321-0.0060i	-0.0019-0.0099i
5.3	0.0713-0.0159i	-0.0148-0.0093i	-0.0529-0.0031i	0.0371-0.0196i	-0.0043-0.0059i	-0.1200+0.0038i	0.0332-0.0186i	-0.0035-0.0114i
5.4	0.0685-0.0237i	-0.0193-0.0090i	-0.0828+0.0122i	0.0266-0.0252i	-0.0050-0.0047i	-0.1125+0.0137i	0.0225-0.0215i	-0.0054-0.0129i
5.5	0.0558-0.0200i	-0.0212-0.0188i	-0.0978+0.0756i	0.0153-0.0208i	-0.0028-0.0121i	-0.1049-0.0007i	0.0038-0.0133i	-0.0083-0.0188i
5.6	0.0529-0.0065i	-0.0404-0.0052i	-0.0532+0.0735i	0.0059-0.0032i	-0.0203-0.0018i	-0.1195-0.0111i	-0.0036+0.0006i	-0.0251-0.0049i

5.7	0.0639+0.0010i	-0.0339+0.0160i	-0.0568+0.0398i	0.0097+0.0075i	-0.0142+0.0129i	-0.1307-0.0096i	0.0054+0.0092i	-0.0183+0.0140i
5.8	0.0794+0.0106i	-0.0185+0.0136i	-0.1004+0.0511i	0.0201+0.0221i	-0.0023+0.0087i	-0.1405-0.0096i	0.0124+0.0220i	-0.0021+0.0118i
5.9	0.0974+0.0144i	-0.0085+0.0110i	-0.1243+0.0548i	0.0371+0.0256i	0.0087+0.0078i	-0.1513-0.0123i	0.0251+0.0269i	0.0109+0.0111i
6.0	0.1124+0.0138i	-0.0052-0.0030i	-0.1475+0.0667i	0.0470+0.0218i	0.0121-0.0045i	-0.1612-0.0142i	0.0349+0.0233i	0.0159-0.0030i
6.1	0.1310+0.0134i	-0.0141-0.0149i	-0.1783+0.0870i	0.0545+0.0224i	0.0058-0.0156i	-0.1725-0.0145i	0.0407+0.0224i	0.0089-0.0160i
6.2	0.1609+0.0107i	-0.0293-0.0151i	-0.2031+0.1094i	0.0697+0.0243i	-0.0052-0.0165i	-0.1907-0.0133i	0.0522+0.0246i	-0.0040-0.0170i
6.3	0.1820+0.0062i	-0.0367-0.0111i	-0.2277+0.1168i	0.0806+0.0225i	-0.0096-0.0131i	-0.2019-0.0106i	0.0604+0.0237i	-0.0082-0.0136i
6.4	0.2167-0.0014i	-0.0405-0.0059i	-0.2828+0.1410i	0.0978+0.0209i	-0.0108-0.0094i	-0.2149-0.0059i	0.0742+0.0236i	-0.0092-0.0089i
6.5	0.2557-0.0087i	-0.0463-0.0044i	-0.3493+0.1587i	0.1170+0.0187i	-0.0130-0.0086i	-0.2255+0.0007i	0.0879+0.0222i	-0.0116-0.0080i
6.6	0.3073-0.0260i	-0.0542+0.0008i	-0.4408+0.2025i	0.1406+0.0142i	-0.0161-0.0064i	-0.2341+0.0062i	0.1056+0.0203i	-0.0144-0.0048i
6.7	0.3794-0.0491i	-0.0595+0.0065i	-0.5658+0.2660i	0.1741+0.0067i	-0.0170-0.0045i	-0.2467+0.0057i	0.1334+0.0159i	-0.0132-0.0011i
6.8	0.4858-0.0812i	-0.0681+0.0112i	-0.7656+0.3555i	0.2232-0.0028i	-0.0178-0.0033i	-0.2596+0.0039i	0.1731+0.0117i	-0.0115+0.0007i
6.9	0.6342-0.1620i	-0.0818+0.0195i	-1.0448+0.5651i	0.2939-0.0296i	-0.0214-0.0027i	-0.2727+0.0012i	0.2286-0.0056i	-0.0107-0.0000i
7.0	0.8410-0.4922i	-0.1059+0.0502i	-1.3495+1.3266i	0.4047-0.1611i	-0.0311+0.0018i	-0.2977-0.0038i	0.3201-0.1021i	-0.0156+0.0007i
7.1	0.7782-1.0097i	-0.1039+0.1047i	-1.0150+2.3323i	0.4122-0.3963i	-0.0359+0.0177i	-0.3262+0.0099i	0.3365-0.2849i	-0.0209+0.0094i
7.2	0.2733-1.4226i	-0.0512+0.1570i	0.1330+2.9351i	0.2139-0.6167i	-0.0231+0.0386i	-0.3308+0.0324i	0.1917-0.4634i	-0.0131+0.0236i
7.3	-0.5025-1.2758i	0.0537+0.1401i	1.5557+2.4388i	-0.1440-0.5942i	0.0091+0.0337i	-0.3312-0.0165i	-0.0807-0.4614i	0.0208+0.0184i
7.4	-0.8010-0.9817i	0.0858+0.0932i	2.1571+1.8617i	-0.2845-0.4712i	0.0159+0.0222i	-0.4093-0.0427i	-0.1903-0.3757i	0.0216-0.0011i
7.5	-0.8388-0.5242i	0.0756+0.0401i	2.2022+0.8838i	-0.3187-0.2769i	0.0153+0.0118i	-0.4690+0.0035i	-0.2281-0.2313i	0.0074-0.0094i
7.6	-0.7219-0.3690i	0.0598+0.0268i	1.9168+0.5528i	-0.2780-0.2077i	0.0134+0.0084i	-0.4748+0.0282i	-0.2019-0.1764i	0.0032-0.0065i
7.7	-0.5978-0.2901i	0.0471+0.0177i	1.6232+0.4117i	-0.2301-0.1706i	0.0106+0.0047i	-0.4875+0.0255i	-0.1676-0.1461i	0.0036-0.0081i
7.8	-0.5355-0.2735i	0.0359+0.0147i	1.5170+0.4340i	-0.2052-0.1596i	0.0077+0.0021i	-0.5538-0.0026i	-0.1505-0.1376i	0.0013-0.0093i
7.9	-0.5466-0.2668i	0.0313+0.0139i	1.5865+0.4205i	-0.2122-0.1594i	0.0056+0.0008i	-0.6398-0.0040i	-0.1590-0.1374i	-0.0029-0.0099i
8.0	-0.5579-0.2302i	0.0302+0.0131i	1.6331+0.2964i	-0.2200-0.1473i	0.0052+0.0011i	-0.6984+0.0390i	-0.1664-0.1279i	-0.0030-0.0080i
8.1	-0.5550-0.1925i	0.0292+0.0093i	1.6386+0.1767i	-0.2215-0.1315i	0.0067+0.0005i	-0.7696+0.0688i	-0.1680-0.1160i	-0.0010-0.0081i
8.2	-0.5654-0.1571i	0.0255+0.0066i	1.6628+0.0700i	-0.2299-0.1165i	0.0044-0.0010i	-0.8504+0.1377i	-0.1766-0.1042i	-0.0042-0.0094i
8.3	-0.5876-0.1131i	0.0220+0.0039i	1.6950-0.0651i	-0.2459-0.1003i	0.0016-0.0019i	-0.9404+0.2055i	-0.1925-0.0911i	-0.0082-0.0098i
8.4	-0.5968-0.0827i	0.0194+0.0031i	1.7016-0.1445i	-0.2533-0.0868i	-0.0005-0.0014i	-1.0018+0.2571i	-0.1996-0.0812i	-0.0101-0.0080i
8.5	-0.6146-0.0471i	0.0177+0.0025i	1.7343-0.2403i	-0.2656-0.0727i	-0.0017-0.0002i	-1.1058+0.3358i	-0.2117-0.0695i	-0.0115-0.0064i
8.6	-0.6328-0.0157i	0.0174+0.0021i	1.7767-0.3317i	-0.2779-0.0616i	-0.0028+0.0003i	-1.1971+0.4216i	-0.2221-0.0590i	-0.0124-0.0052i
8.7	-0.6681+0.0340i	0.0178+0.0008i	1.8725-0.4620i	-0.2953-0.0416i	-0.0036-0.0005i	-1.3536+0.5668i	-0.2389-0.0404i	-0.0129-0.0044i
8.8	-0.7085+0.1007i	0.0182-0.0013i	1.9709-0.6569i	-0.3159-0.0162i	-0.0050+0.0005i	-1.5033+0.7872i	-0.2571-0.0196i	-0.0126-0.0033i
8.9	-0.7456+0.1775i	0.0175-0.0043i	2.0683-0.8550i	-0.3362+0.0184i	-0.0075+0.0018i	-1.6370+1.0157i	-0.2744+0.0089i	-0.0170-0.0021i
9.0	-0.7718+0.3315i	0.0167-0.0066i	2.1066-1.2784i	-0.3573+0.0828i	-0.0106+0.0115i	-1.7149+1.5036i	-0.2921+0.0622i	-0.0210+0.0062i
9.1	-0.7160+0.4356i	0.0158-0.0068i	1.9524-1.5428i	-0.3387+0.1315i	-0.0052+0.0172i	-1.5560+1.8150i	-0.2761+0.1025i	-0.0152+0.0123i
9.2	-0.8003+0.5910i	0.0218-0.0094i	2.1894-2.0351i	-0.3784+0.1921i	-0.0006+0.0179i	-1.8557+2.3849i	-0.3111+0.1518i	-0.0116+0.0143i
9.3	-0.7076+0.8821i	0.0227-0.0195i	1.8372-2.8651i	-0.3556+0.3153i	0.0045+0.0210i	-1.4669+3.3567i	-0.2949+0.2545i	-0.0076+0.0185i
9.4	-0.2992+1.1139i	0.0149-0.0320i	0.5912-3.4428i	-0.1997+0.4290i	0.0153+0.0207i	-0.0278+4.0439i	-0.1694+0.3509i	0.0034+0.0189i
9.5	0.1088+1.0122i	0.0010-0.0350i	-0.5603-3.0399i	-0.0276+0.4074i	0.0230+0.0129i	1.3170+3.5768i	-0.0261+0.3363i	0.0112+0.0136i
9.6	0.3215+0.7756i	-0.0100-0.0306i	-1.1250-2.2859i	0.0685+0.3226i	0.0242+0.0042i	1.9734+2.6989i	0.0554+0.2688i	0.0130+0.0066i
9.7	0.3570+0.5101i	-0.0151-0.0238i	-1.1390-1.4978i	0.0950+0.2159i	0.0208-0.0030i	1.9932+1.7806i	0.0817+0.1802i	0.0126-0.0014i
9.8	0.3303+0.3574i	-0.0173-0.0196i	-1.0032-1.0624i	0.0911+0.1532i	0.0179-0.0073i	1.8345+1.2642i	0.0800+0.1287i	0.0105-0.0039i
9.9	0.2776+0.2644i	-0.0192-0.0172i	-0.8352-0.7994i	0.0725+0.1145i	0.0140-0.0081i	1.6264+0.9518i	0.0638+0.0968i	0.0060-0.0054i
10.0	0.2383+0.1967i	-0.0191-0.0143i	-0.6967-0.6039i	0.0595+0.0863i	0.0116-0.0085i	1.4558+0.7271i	0.0544+0.0729i	0.0062-0.0065i
10.1	0.2003+0.1597i	-0.0194-0.0142i	-0.5546-0.5055i	0.0472+0.0692i	0.0111-0.0102i	1.2921+0.6181i	0.0453+0.0577i	0.0056-0.0088i
10.2	0.1638+0.1349i	-0.0200-0.0133i	-0.4323-0.4424i	0.0345+0.0576i	0.0093-0.0104i	1.1394+0.5477i	0.0339+0.0481i	0.0038-0.0090i
10.3	0.1333+0.1307i	-0.0213-0.0121i	-0.3406-0.4380i	0.0223+0.0546i	0.0074-0.0077i	1.0249+0.5540i	0.0225+0.0474i	0.0034-0.0077i
10.4	0.1258+0.1242i	-0.0248-0.0118i	-0.3146-0.4349i	0.0186+0.0499i	0.0061-0.0096i	0.9998+0.5617i	0.0210+0.0434i	0.0029-0.0100i
10.5	0.1239+0.1163i	-0.0270-0.0088i	-0.3111-0.4095i	0.0171+0.0457i	0.0057-0.0112i	1.0001+0.5419i	0.0199+0.0400i	0.0020-0.0112i
10.6	0.1186+0.0985i	-0.0251-0.0055i	-0.2947-0.3451i	0.0156+0.0378i	0.0050-0.0139i	1.0009+0.4815i	0.0178+0.0337i	0.0009-0.0121i
10.7	0.1146+0.0785i	-0.0217-0.0041i	-0.2722-0.2772i	0.0125+0.0315i	0.0065-0.0140i	0.9965+0.3983i	0.0161+0.0272i	0.0011-0.0130i
10.8	0.1049+0.0660i	-0.0217-0.0078i	-0.2335-0.2315i	0.0074+0.0268i	0.0044-0.0152i	0.9601+0.3366i	0.0134+0.0231i	0.0005-0.0150i
10.9	0.0893+0.0555i	-0.0246-0.0077i	-0.1664-0.2020i	0.0016+0.0233i	0.0012-0.0127i	0.8937+0.2910i	0.0091+0.0196i	-0.0022-0.0146i
11.0	0.0781+0.0463i	-0.0258-0.0075i	-0.1183-0.1718i	-0.0041+0.0189i	-0.0006-0.0134i	0.8436+0.2555i	0.0055+0.0160i	-0.0055-0.0154i
11.1	0.0704+0.0428i	-0.0270-0.0079i	-0.0831-0.1526i	-0.0069+0.0164i	-0.0003-0.0160i	0.8050+0.2334i	0.0033+0.0147i	-0.0052-0.0172i
11.2	0.0605+0.0374i	-0.0294-0.0093i	-0.0428-0.1439i	-0.0116+0.0146i	-0.0022-0.0172i	0.7639+0.2148i	0.0013+0.0135i	-0.0067-0.0193i
11.3	0.0539+0.0309i	-0.0301-0.0096i	-0.0057-0.1354i	-0.0153+0.0122i	-0.0041-0.0179i	0.7358+0.1983i	-0.0014+0.0123i	-0.0070-0.0199i
11.4	0.0488+0.0266i	-0.0311-0.0087i	0.0324-0.1167i	-0.0167+0.0105i	-0.0056-0.0164i	0.7051+0.1824i	-0.0047+0.0105i	-0.0085-0.0186i
11.5	0.0440+0.0259i	-0.0338-0.0099i	0.0636-0.1076i	-0.0190+0.0094i	-0.0064-0.0161i	0.6787+0.1719i	-0.0072+0.0096i	-0.0111-0.0184i
11.6	0.0363+0.0236i	-0.0356-0.0090i	0.1003-0.1081i	-0.0227+0.0098i	-0.0083-0.0165i	0.6442+0.1640i	-0.0096+0.0080i	-0.0144-0.0163i
11.7	0.0266+0.0204i	-0.0388-0.0071i	0.1435-0.1031i	-0.0270+0.0104i	-0.0117-0.0153i	0.6111+0.1559i	-0.0132+0.0065i	-0.0165-0.0163i
11.8	0.0210+0.0203i	-0.0403-0.0067i	0.1721-0.1016i	-0.0293+0.0106i	-0.0124-0.0123i	0.5832+0.1556i	-0.0144+0.0056i	-0.0177-0.0139i
11.9	0.0166+0.0201i	-0.0430-0.0061i	0.1953-0.1047i	-0.0307+0.0112i	-0.0132-0.0113i	0.5590+0.1570i	-0.0149+0.0049i	-0.0192-0.0131i

12.0	0.0106+0.0200i	-0.0461-0.0047i	0.2198-0.1247i	-0.0337+0.0121i	-0.0146-0.0105i	0.5361+0.1658i	-0.0185+0.0050i	-0.0190-0.0120i
12.1	0.0072+0.0203i	-0.0472-0.0024i	0.2430-0.1345i	-0.0361+0.0121i	-0.0150-0.0076i	0.5134+0.1738i	-0.0199+0.0046i	-0.0193-0.0105i
12.2	0.0022+0.0221i	-0.0484-0.0001i	0.2777-0.1471i	-0.0366+0.0127i	-0.0151-0.0067i	0.4909+0.1869i	-0.0217+0.0049i	-0.0212-0.0095i
12.3	-0.0019+0.0254i	-0.0501-0.0011i	0.3043-0.1730i	-0.0391+0.0119i	-0.0153-0.0063i	0.4725+0.2087i	-0.0247+0.0047i	-0.0200-0.0088i
12.4	-0.0024+0.0297i	-0.0537-0.0008i	0.3046-0.1949i	-0.0417+0.0118i	-0.0135-0.0038i	0.4699+0.2368i	-0.0273+0.0054i	-0.0186-0.0068i
12.5	-0.0027+0.0335i	-0.0556+0.0030i	0.2907-0.2172i	-0.0426+0.0139i	-0.0121-0.0004i	0.4817+0.2620i	-0.0282+0.0063i	-0.0182-0.0039i
12.6	-0.0005+0.0347i	-0.0566+0.0062i	0.2858-0.2307i	-0.0427+0.0159i	-0.0101+0.0015i	0.5020+0.2763i	-0.0287+0.0061i	-0.0151-0.0022i
12.7	0.0058+0.0356i	-0.0577+0.0100i	0.2466-0.2303i	-0.0447+0.0166i	-0.0045+0.0025i	0.5392+0.2826i	-0.0308+0.0058i	-0.0106-0.0014i
12.8	0.0093+0.0319i	-0.0557+0.0129i	0.2347-0.1921i	-0.0449+0.0142i	0.0009-0.0020i	0.5553+0.2576i	-0.0309+0.0063i	-0.0074-0.0041i
12.9	0.0117+0.0260i	-0.0530+0.0162i	0.2522-0.1548i	-0.0458+0.0138i	0.0064-0.0020i	0.5684+0.2375i	-0.0330+0.0051i	-0.0003-0.0054i
13.0	0.0111+0.0222i	-0.0499+0.0155i	0.2578-0.1256i	-0.0467+0.0138i	0.0113-0.0097i	0.5745+0.2192i	-0.0363+0.0050i	0.0046-0.0109i
13.1	0.0111+0.0128i	-0.0447+0.0105i	0.2807-0.0877i	-0.0478+0.0131i	0.0139-0.0228i	0.5765+0.1904i	-0.0408+0.0052i	0.0071-0.0238i
13.2	0.0080+0.0020i	-0.0453+0.0029i	0.3326-0.0623i	-0.0491+0.0089i	0.0119-0.0354i	0.5622+0.1641i	-0.0422+0.0062i	0.0024-0.0366i
13.3	0.0026-0.0049i	-0.0503-0.0029i	0.3720-0.0495i	-0.0527+0.0077i	0.0034-0.0461i	0.5442+0.1491i	-0.0445+0.0069i	-0.0030-0.0447i
13.4	-0.0099-0.0088i	-0.0624-0.0103i	0.3697-0.0566i	-0.0612+0.0081i	-0.0165-0.0573i	0.5242+0.1457i	-0.0455+0.0106i	-0.0210-0.0549i
13.5	-0.0230-0.0084i	-0.0754-0.0090i	0.4025-0.0710i	-0.0670+0.0103i	-0.0360-0.0538i	0.5069+0.1414i	-0.0462+0.0111i	-0.0400-0.0531i
13.6	-0.0359-0.0037i	-0.0891-0.0059i	0.3923-0.0805i	-0.0723+0.0151i	-0.0549-0.0475i	0.4916+0.1430i	-0.0481+0.0142i	-0.0553-0.0475i
13.7	-0.0440+0.0015i	-0.1017+0.0016i	0.3851-0.0665i	-0.0742+0.0196i	-0.0649-0.0373i	0.4787+0.1502i	-0.0494+0.0168i	-0.0658-0.0397i
13.8	-0.0502+0.0073i	-0.1105+0.0133i	0.4159-0.0662i	-0.0759+0.0246i	-0.0672-0.0281i	0.4647+0.1650i	-0.0527+0.0186i	-0.0717-0.0311i
13.9	-0.0529+0.0167i	-0.1165+0.0229i	0.4084-0.0647i	-0.0772+0.0286i	-0.0674-0.0245i	0.4603+0.1797i	-0.0532+0.0234i	-0.0752-0.0245i
14.0	-0.0575+0.0247i	-0.1292+0.0395i	0.3611+0.0058i	-0.0798+0.0305i	-0.0804-0.0161i	0.4592+0.1893i	-0.0536+0.0252i	-0.0848-0.0152i
14.1	-0.0575+0.0315i	-0.1326+0.0598i	0.3465+0.1153i	-0.0785+0.0329i	-0.0899-0.0017i	0.4657+0.1997i	-0.0499+0.0245i	-0.0907-0.0017i
14.2	-0.0563+0.0341i	-0.1270+0.0794i	0.3647+0.2313i	-0.0793+0.0327i	-0.0906+0.0134i	0.4779+0.2066i	-0.0487+0.0226i	-0.0899+0.0109i
14.3	-0.0500+0.0408i	-0.1175+0.0983i	0.4251+0.3524i	-0.0774+0.0347i	-0.0864+0.0277i	0.4964+0.2117i	-0.0469+0.0223i	-0.0832+0.0218i
14.4	-0.0500+0.0453i	-0.1053+0.1079i	0.5193+0.4579i	-0.0825+0.0380i	-0.0813+0.0383i	0.5093+0.2057i	-0.0502+0.0228i	-0.0788+0.0294i
14.5	-0.0501+0.0459i	-0.0978+0.1144i	0.5885+0.5655i	-0.0845+0.0399i	-0.0801+0.0465i	0.5189+0.1958i	-0.0506+0.0214i	-0.0779+0.0363i
14.6	-0.0496+0.0486i	-0.1014+0.1271i	0.6621+0.7236i	-0.0839+0.0446i	-0.0820+0.0597i	0.5101+0.1863i	-0.0519+0.0233i	-0.0799+0.0454i
14.7	-0.0502+0.0515i	-0.0929+0.1504i	0.8417+0.9249i	-0.0873+0.0444i	-0.0769+0.0766i	0.5019+0.1926i	-0.0547+0.0214i	-0.0746+0.0601i
14.8	-0.0490+0.0569i	-0.0677+0.1731i	1.1362+1.1022i	-0.0892+0.0478i	-0.0630+0.0955i	0.5117+0.2048i	-0.0592+0.0209i	-0.0647+0.0768i
14.9	-0.0431+0.0605i	-0.0227+0.1906i	1.5938+1.2499i	-0.0857+0.0488i	-0.0340+0.1125i	0.5347+0.2128i	-0.0631+0.0193i	-0.0428+0.0909i
15.0	-0.0360+0.0636i	0.0071+0.1835i	1.9493+1.2095i	-0.0794+0.0494i	-0.0096+0.1127i	0.5520+0.2089i	-0.0619+0.0217i	-0.0235+0.0905i
15.1	-0.0280+0.0596i	0.0409+0.1552i	2.3815+0.9717i	-0.0794+0.0471i	0.0108+0.0951i	0.5787+0.1951i	-0.0636+0.0219i	-0.0042+0.0769i
15.2	-0.0229+0.0500i	0.0540+0.1132i	2.5853+0.5388i	-0.0830+0.0396i	0.0182+0.0690i	0.6041+0.1759i	-0.0670+0.0196i	0.0028+0.0568i
15.3	-0.0255+0.0401i	0.0446+0.0786i	2.5896+0.1394i	-0.0902+0.0333i	0.0127+0.0465i	0.6135+0.1538i	-0.0725+0.0179i	-0.0001+0.0390i
15.4	-0.0335+0.0352i	0.0286+0.0609i	2.5135-0.0140i	-0.1023+0.0310i	-0.0019+0.0355i	0.6273+0.1346i	-0.0808+0.0192i	-0.0105+0.0284i
15.5	-0.0391+0.0331i	0.0159+0.0515i	2.5026-0.0535i	-0.1124+0.0307i	-0.0124+0.0323i	0.6428+0.1208i	-0.0872+0.0204i	-0.0191+0.0245i
15.6	-0.0473+0.0335i	-0.0016+0.0550i	2.3545+0.1436i	-0.1277+0.0365i	-0.0313+0.0442i	0.6610+0.0826i	-0.0946+0.0221i	-0.0336+0.0313i
15.7	-0.0592+0.0318i	-0.0246+0.0701i	2.3195+0.6818i	-0.1454+0.0471i	-0.0535+0.0688i	0.6678+0.0285i	-0.1080+0.0230i	-0.0505+0.0487i
15.8	-0.0714+0.0307i	-0.0254+0.0948i	2.7845+1.3863i	-0.1597+0.0594i	-0.0511+0.1057i	0.6530-0.0316i	-0.1193+0.0267i	-0.0501+0.0742i
15.9	-0.0832+0.0349i	-0.0148+0.1153i	3.6949+1.9313i	-0.1716+0.0725i	-0.0335+0.1388i	0.6207-0.0746i	-0.1318+0.0342i	-0.0409+0.0953i
16.0	-0.0918+0.0444i	0.0053+0.1213i	4.8698+1.9044i	-0.1760+0.0868i	-0.0021+0.1525i	0.5841-0.0786i	-0.1410+0.0421i	-0.0215+0.1034i
16.1	-0.0992+0.0597i	0.0361+0.1178i	6.5323+1.3867i	-0.1815+0.1129i	0.0476+0.1600i	0.5526-0.0942i	-0.1537+0.0598i	0.0106+0.1111i
16.2	-0.1070+0.0705i	0.0575+0.1042i	7.9948+0.5367i	-0.1843+0.1284i	0.0904+0.1489i	0.5209-0.1040i	-0.1647+0.0752i	0.0383+0.1071i
16.3	-0.1195+0.0885i	0.0689+0.0866i	9.3499-0.7823i	-0.1966+0.1482i	0.1180+0.1275i	0.4993-0.1005i	-0.1807+0.0984i	0.0538+0.0958i
16.4	-0.1248+0.1115i	0.0713+0.0712i	10.1987-2.4005i	-0.2044+0.1756i	0.1300+0.1079i	0.4937-0.0873i	-0.1908+0.1248i	0.0621+0.0825i
16.5	-0.1232+0.1353i	0.0727+0.0537i	10.8555-4.6545i	-0.2035+0.2104i	0.1438+0.0832i	0.5049-0.0798i	-0.1951+0.1583i	0.0748+0.0658i
16.6	-0.1177+0.1698i	0.0693+0.0363i	11.2388-8.2250i	-0.1965+0.2727i	0.1663+0.0521i	0.5465-0.1211i	-0.1970+0.2181i	0.0859+0.0451i
16.7	-0.1002+0.1958i	0.0608+0.0198i	10.4373-10.8863i	-0.1640+0.3130i	0.1779+0.0158i	0.5463-0.1861i	-0.1753+0.2598i	0.0901+0.0262i
16.8	-0.0826+0.2242i	0.0536+0.0088i	8.6766-13.8760i	-0.1259+0.3497i	0.1710-0.0330i	0.4978-0.2367i	-0.1449+0.3034i	0.0863+0.0039i
16.9	-0.0306+0.2617i	0.0448+0.0012i	4.3192-17.6342i	-0.0553+0.3988i	0.1340-0.0854i	0.4355-0.2984i	-0.0751+0.3667i	0.0711-0.0213i
17.0	0.0224+0.2815i	0.0349-0.0084i	-0.3180-19.2306i	0.0242+0.4273i	0.0921-0.1095i	0.3577-0.3466i	0.0071+0.4023i	0.0523-0.0326i
17.1	0.0922+0.2402i	0.0157-0.0072i	-5.4289-16.1654i	0.1287+0.3616i	0.0451-0.1031i	0.2430-0.3072i	0.1132+0.3457i	0.0333-0.0329i
17.2	0.1179+0.1874i	0.0128+0.0037i	-7.8631-13.3443i	0.1675+0.2816i	0.0154-0.0967i	0.1637-0.2642i	0.1590+0.2778i	0.0203-0.0340i
17.3	0.1276+0.1495i	0.0118-0.0018i	-9.3587-10.5246i	0.1795+0.2294i	-0.0075-0.0710i	0.1116-0.2106i	0.1795+0.2253i	0.0087-0.0259i
17.4	0.1296+0.1198i	0.0085-0.0069i	-9.7661-7.9085i	0.1811+0.1868i	-0.0170-0.0452i	0.0908-0.1500i	0.1865+0.1757i	0.0050-0.0153i
17.5	0.1182+0.0888i	-0.0027-0.0077i	-9.1870-5.3892i	0.1652+0.1437i	-0.0081-0.0218i	0.0873-0.0940i	0.1725+0.1305i	0.0072-0.0075i
17.6	0.1057+0.0725i	-0.0056-0.0065i	-8.4535-4.2684i	0.1464+0.1184i	-0.0001-0.0169i	0.0914-0.0639i	0.1580+0.1066i	0.0100-0.0066i
17.7	0.0914+0.0586i	-0.0076-0.0040i	-7.9109-3.4468i	0.1287+0.1017i	0.0037-0.0163i	0.0898-0.0490i	0.1443+0.0910i	0.0114-0.0070i
17.8	0.0773+0.0448i	-0.0123-0.0026i	-7.5800-2.6634i	0.1140+0.0892i	0.0042-0.0183i	0.0764-0.0365i	0.1308+0.0768i	0.0106-0.0122i
17.9	0.0624+0.0383i	-0.0177-0.0023i	-7.0996-2.1457i	0.0980+0.0811i	0.0021-0.0224i	0.0659-0.0221i	0.1192+0.0675i	0.0071-0.0153i
18.0	0.0529+0.0353i	-0.0204-0.0007i	-6.6272-1.5746i	0.0848+0.0744i	-0.0009-0.0206i	0.0610-0.0045i	0.1106+0.0570i	0.0060-0.0143i
18.1	0.0485+0.0332i	-0.0195-0.0038i	-6.3053-1.1593i	0.0760+0.0717i	-0.0038-0.0187i	0.0543+0.0103i	0.1032+0.0497i	0.0030-0.0137i
18.2	0.0442+0.0352i	-0.0201-0.0103i	-5.9998-0.5976i	0.0697+0.0690i	-0.0061-0.0105i	0.0469+0.0330i	0.0965+0.0427i	-0.0015-0.0121i

18.3	0.0360+0.0355i	-0.0257-0.0193i	-5.6465-0.0765i	0.0645+0.0667i	-0.0069-0.0015i	0.0330+0.0573i	0.0905+0.0367i	-0.0051-0.0108i
18.4	0.0303+0.0286i	-0.0414-0.0242i	-5.1263+0.1026i	0.0612+0.0633i	-0.0043+0.0006i	0.0136+0.0674i	0.0826+0.0349i	-0.0069-0.0081i
18.5	0.0193+0.0261i	-0.0654-0.0188i	-4.6874+0.1227i	0.0560+0.0526i	0.0046+0.0023i	-0.0471+0.1050i	0.0772+0.0315i	-0.0046-0.0050i
18.6	0.0012+0.0313i	-0.0805+0.0091i	-4.4663+0.0100i	0.0309+0.0391i	0.0108-0.0053i	-0.0659+0.2299i	0.0691+0.0258i	0.0048-0.0076i
18.7	-0.0007+0.0394i	-0.0662+0.0153i	-4.4481+0.2380i	0.0152+0.0508i	0.0040-0.0063i	0.0100+0.2614i	0.0626+0.0230i	-0.0001-0.0154i
18.8	-0.0031+0.0467i	-0.0586+0.0037i	-4.2993+0.7067i	0.0069+0.0697i	-0.0072+0.0023i	0.0701+0.2552i	0.0546+0.0238i	-0.0113-0.0185i
18.9	-0.0022+0.0499i	-0.0603+0.0052i	-4.0740+0.8734i	0.0096+0.0784i	-0.0081+0.0076i	0.0781+0.2560i	0.0507+0.0232i	-0.0154-0.0163i
19.0	-0.0100+0.0581i	-0.0693+0.0133i	-3.7681+0.9760i	0.0116+0.0865i	-0.0059+0.0135i	0.0705+0.2677i	0.0460+0.0233i	-0.0224-0.0134i
19.1	-0.0105+0.0619i	-0.0764+0.0223i	-3.4397+0.9605i	0.0161+0.0911i	0.0005+0.0145i	0.0703+0.2716i	0.0413+0.0236i	-0.0277-0.0089i
19.2	-0.0103+0.0635i	-0.0802+0.0217i	-3.1941+0.9912i	0.0194+0.0926i	0.0051+0.0149i	0.0842+0.2709i	0.0388+0.0252i	-0.0280-0.0064i
19.3	-0.0169+0.0637i	-0.0779+0.0274i	-3.1473+0.9800i	0.0169+0.0907i	0.0058+0.0100i	0.0744+0.2744i	0.0345+0.0280i	-0.0300-0.0031i
19.4	-0.0194+0.0731i	-0.0776+0.0360i	-3.1324+1.0049i	0.0135+0.0960i	0.0096+0.0084i	0.0569+0.2957i	0.0284+0.0285i	-0.0286+0.0014i
19.5	-0.0175+0.0786i	-0.0779+0.0364i	-3.0011+1.1589i	0.0138+0.1022i	0.0141+0.0081i	0.0638+0.3138i	0.0267+0.0313i	-0.0268+0.0072i
19.6	-0.0148+0.0850i	-0.0828+0.0393i	-2.8027+1.2757i	0.0170+0.1081i	0.0184+0.0054i	0.0629+0.3243i	0.0267+0.0347i	-0.0270+0.0113i
19.7	-0.0177+0.0912i	-0.0819+0.0424i	-2.6795+1.3865i	0.0201+0.1122i	0.0146+0.0008i	0.0485+0.3374i	0.0270+0.0385i	-0.0265+0.0134i
19.8	-0.0173+0.1004i	-0.0804+0.0421i	-2.5741+1.5299i	0.0255+0.1168i	0.0149-0.0017i	0.0354+0.3564i	0.0288+0.0422i	-0.0244+0.0196i
19.9	-0.0103+0.1074i	-0.0824+0.0430i	-2.2679+1.6545i	0.0366+0.1181i	0.0114-0.0014i	0.0314+0.3947i	0.0344+0.0432i	-0.0176+0.0237i
20.0	-0.0054+0.1118i	-0.0853+0.0483i	-1.9905+1.7315i	0.0434+0.1169i	0.0039-0.0029i	0.0362+0.4362i	0.0385+0.0431i	-0.0139+0.0235i
20.1	0.0004+0.1160i	-0.0883+0.0532i	-1.7478+1.7276i	0.0469+0.1137i	-0.0002-0.0011i	0.0564+0.4696i	0.0390+0.0423i	-0.0113+0.0237i
20.2	0.0066+0.1187i	-0.0882+0.0545i	-1.4908+1.6529i	0.0501+0.1154i	-0.0001+0.0076i	0.0824+0.4885i	0.0396+0.0415i	-0.0079+0.0226i
20.3	0.0136+0.1197i	-0.0861+0.0565i	-1.2989+1.5041i	0.0578+0.1172i	-0.0024+0.0167i	0.0992+0.4893i	0.0426+0.0403i	-0.0048+0.0224i
20.4	0.0190+0.1208i	-0.0880+0.0608i	-1.1977+1.3948i	0.0663+0.1123i	0.0011+0.0149i	0.0950+0.4892i	0.0458+0.0398i	-0.0028+0.0224i
20.5	0.0219+0.1209i	-0.0915+0.0583i	-1.1097+1.3050i	0.0748+0.1104i	0.0044+0.0191i	0.0830+0.5008i	0.0459+0.0362i	0.0005+0.0219i
20.6	0.0230+0.1161i	-0.0963+0.0575i	-1.0526+1.2016i	0.0806+0.1016i	0.0094+0.0241i	0.0671+0.5138i	0.0479+0.0313i	0.0029+0.0207i
20.7	0.0222+0.1143i	-0.1005+0.0628i	-1.0285+1.1148i	0.0814+0.0935i	0.0116+0.0217i	0.0429+0.5467i	0.0494+0.0292i	0.0039+0.0164i
20.8	0.0234+0.1106i	-0.1022+0.0717i	-0.9887+1.0056i	0.0835+0.0858i	0.0127+0.0201i	0.0248+0.5862i	0.0508+0.0219i	0.0057+0.0115i
20.9	0.0230+0.1126i	-0.1074+0.0704i	-1.0204+0.9851i	0.0832+0.0789i	0.0161+0.0259i	0.0199+0.6308i	0.0491+0.0182i	0.0004+0.0086i
21.0	0.0213+0.1158i	-0.1144+0.0715i	-1.0245+1.0428i	0.0864+0.0745i	0.0186+0.0262i	-0.0046+0.7005i	0.0488+0.0151i	-0.0020+0.0056i
21.1	0.0200+0.1220i	-0.1216+0.0832i	-0.9876+1.0653i	0.0863+0.0631i	0.0173+0.0211i	-0.0215+0.7776i	0.0480+0.0077i	-0.0003+0.0032i
21.2	0.0192+0.1249i	-0.1305+0.1007i	-0.9359+1.0684i	0.0852+0.0542i	0.0215+0.0162i	-0.0146+0.8584i	0.0466+0.0016i	0.0022+0.0032i
21.3	0.0165+0.1320i	-0.1404+0.1162i	-0.9099+1.0905i	0.0821+0.0481i	0.0288+0.0226i	0.0126+0.9733i	0.0434-0.0037i	-0.0050-0.0019i
21.4	0.0183+0.1429i	-0.1309+0.1366i	-0.8126+1.1513i	0.0740+0.0440i	0.0319+0.0229i	0.1134+1.1244i	0.0351-0.0086i	-0.0125-0.0049i
21.5	0.0212+0.1520i	-0.1273+0.1542i	-0.7285+1.1890i	0.0673+0.0398i	0.0367+0.0213i	0.2183+1.2047i	0.0246-0.0120i	-0.0204+0.0015i
21.6	0.0282+0.1582i	-0.1260+0.1720i	-0.6775+1.1674i	0.0668+0.0361i	0.0428+0.0215i	0.3021+1.2589i	0.0163-0.0139i	-0.0253+0.0015i
21.7	0.0395+0.1672i	-0.1130+0.1872i	-0.5942+1.1784i	0.0600+0.0337i	0.0423+0.0187i	0.4194+1.3246i	0.0106-0.0123i	-0.0287+0.0031i
21.8	0.0511+0.1754i	-0.0912+0.1971i	-0.4535+1.1925i	0.0487+0.0337i	0.0391+0.0125i	0.5619+1.3779i	0.0027-0.0103i	-0.0279+0.0034i
21.9	0.0625+0.1827i	-0.0757+0.2160i	-0.3310+1.2094i	0.0462+0.0300i	0.0467+0.0025i	0.7189+1.3818i	-0.0071-0.0068i	-0.0337+0.0176i
22.0	0.0772+0.1869i	-0.0468+0.2233i	-0.1765+1.1711i	0.0371+0.0311i	0.0420-0.0103i	0.8815+1.3671i	-0.0133-0.0009i	-0.0281+0.0212i
22.1	0.0862+0.1884i	-0.0331+0.2263i	-0.0635+1.0668i	0.0309+0.0326i	0.0408-0.0089i	1.0276+1.3076i	-0.0191+0.0049i	-0.0320+0.0331i
22.2	0.1080+0.1837i	0.0074+0.2217i	0.0758+0.9460i	0.0159+0.0414i	0.0241-0.0041i	1.1556+1.2100i	-0.0224+0.0123i	-0.0105+0.0322i
22.3	0.1234+0.1776i	0.0357+0.2140i	0.1640+0.8438i	0.0101+0.0481i	0.0123-0.0088i	1.2524+1.1374i	-0.0226+0.0205i	-0.0055+0.0214i
22.4	0.1356+0.1690i	0.0522+0.1963i	0.2145+0.7111i	0.0134+0.0563i	0.0017-0.0079i	1.3439+1.0127i	-0.0192+0.0298i	-0.0165+0.0210i
22.5	0.1470+0.1581i	0.0687+0.1768i	0.2755+0.5990i	0.0128+0.0623i	-0.0075-0.0051i	1.4006+0.9158i	-0.0187+0.0348i	-0.0161+0.0134i
22.6	0.1563+0.1467i	0.0832+0.1594i	0.3141+0.5032i	0.0108+0.0628i	-0.0127+0.0002i	1.4218+0.8078i	-0.0153+0.0373i	-0.0010+0.0174i
22.7	0.1628+0.1285i	0.0858+0.1202i	0.2817+0.3125i	0.0087+0.0709i	-0.0099+0.0354i	1.4368+0.6597i	-0.0131+0.0382i	0.0022+0.0184i
22.8	0.1607+0.1181i	0.0773+0.1021i	0.2350+0.2002i	0.0152+0.0732i	-0.0054+0.0420i	1.4306+0.5733i	-0.0115+0.0390i	-0.0099+0.0188i
22.9	0.1558+0.1091i	0.0602+0.0871i	0.1452+0.1169i	0.0193+0.0793i	0.0195+0.0528i	1.3971+0.4925i	-0.0110+0.0406i	-0.0102+0.0224i
23.0	0.1529+0.1089i	0.0396+0.0872i	0.0932+0.0421i	0.0272+0.0829i	0.0437+0.0583i	1.3522+0.4520i	-0.0108+0.0441i	-0.0044+0.0200i
23.1	0.1603+0.1032i	0.0461+0.0809i	0.0126-0.0061i	0.0314+0.0817i	0.0599+0.0594i	1.3699+0.3979i	-0.0069+0.0444i	-0.0045+0.0251i
23.2	0.1597+0.0951i	0.0415+0.0682i	-0.0488-0.0111i	0.0326+0.0794i	0.0857+0.0562i	1.3427+0.3320i	-0.0061+0.0450i	0.0118+0.0297i
23.3	0.1576+0.0891i	0.0308+0.0661i	-0.0873-0.0040i	0.0349+0.0747i	0.1021+0.0396i	1.3126+0.2805i	-0.0068+0.0452i	0.0199+0.0301i
23.4	0.1582+0.0860i	0.0247+0.0681i	-0.1374+0.0080i	0.0355+0.0721i	0.1170+0.0150i	1.2951+0.2447i	-0.0052+0.0464i	0.0297+0.0246i
23.5	0.1583+0.0786i	0.0229+0.0690i	-0.1788+0.0012i	0.0327+0.0720i	0.1232-0.0105i	1.2757+0.2112i	-0.0033+0.0505i	0.0331+0.0095i
23.6	0.1550+0.0777i	0.0170+0.0724i	-0.2164+0.0301i	0.0311+0.0696i	0.1203-0.0381i	1.2519+0.1666i	-0.0029+0.0527i	0.0316+0.0028i
23.7	0.1527+0.0762i	0.0146+0.0731i	-0.2519+0.0519i	0.0320+0.0695i	0.1047-0.0630i	1.2209+0.1267i	-0.0021+0.0542i	0.0240-0.0046i
23.8	0.1508+0.0741i	0.0174+0.0769i	-0.2775+0.0710i	0.0302+0.0676i	0.0855-0.0844i	1.1941+0.0884i	-0.0012+0.0560i	0.0157-0.0069i
23.9	0.1508+0.0693i	0.0195+0.0715i	-0.2645+0.0812i	0.0282+0.0724i	0.0631-0.1065i	1.1531+0.0575i	-0.0002+0.0592i	0.0078-0.0171i
24.0	0.1523+0.0684i	0.0230+0.0691i	-0.2632+0.1060i	0.0293+0.0752i	0.0352-0.1037i	1.1005+0.0457i	0.0053+0.0599i	0.0033-0.0161i
24.1	0.1505+0.0684i	0.0214+0.0627i	-0.2710+0.1222i	0.0328+0.0749i	0.0114-0.0905i	1.0530+0.0464i	0.0095+0.0613i	-0.0075-0.0093i
24.2	0.1487+0.0692i	0.0176+0.0581i	-0.2706+0.1486i	0.0351+0.0756i	0.0024-0.0789i	1.0123+0.0504i	0.0103+0.0610i	-0.0083+0.0002i
24.3	0.1478+0.0687i	0.0183+0.0569i	-0.2741+0.1780i	0.0372+0.0733i	-0.0105-0.0701i	0.9882+0.0809i	0.0126+0.0590i	-0.0073+0.0045i
24.4	0.1513+0.0673i	0.0122+0.0559i	-0.2670+0.1887i	0.0407+0.0689i	-0.0234-0.0479i	0.9587+0.1215i	0.0190+0.0527i	-0.0098+0.0127i
24.5	0.1483+0.0658i	0.0023+0.0474i	-0.2129+0.2108i	0.0394+0.0674i	-0.0218-0.0359i	0.9420+0.1449i	0.0180+0.0516i	-0.0106+0.0139i

24.6	0.1450+0.0652i	-0.0097+0.0435i	-0.1984+0.2270i	0.0358+0.0646i	-0.0102-0.0287i	0.9501+0.1831i	0.0165+0.0489i	-0.0089+0.0130i
24.7	0.1473+0.0678i	-0.0174+0.0452i	-0.1862+0.2370i	0.0304+0.0626i	-0.0088-0.0209i	0.9762+0.2089i	0.0158+0.0482i	-0.0093+0.0164i
24.8	0.1467+0.0700i	-0.0239+0.0507i	-0.1589+0.2331i	0.0264+0.0618i	-0.0050-0.0202i	0.9930+0.2234i	0.0142+0.0463i	-0.0074+0.0163i
24.9	0.1473+0.0681i	-0.0293+0.0526i	-0.1472+0.1993i	0.0237+0.0643i	-0.0043-0.0246i	1.0025+0.1952i	0.0127+0.0457i	-0.0069+0.0111i
25.0	0.1472+0.0660i	-0.0369+0.0555i	-0.1422+0.1874i	0.0169+0.0699i	-0.0061-0.0225i	1.0024+0.1796i	0.0164+0.0490i	-0.0053+0.0136i
25.1	0.1468+0.0694i	-0.0392+0.0631i	-0.1332+0.2010i	0.0142+0.0741i	-0.0096-0.0214i	1.0079+0.1969i	0.0148+0.0518i	-0.0052+0.0145i
25.2	0.1472+0.0741i	-0.0397+0.0744i	-0.1414+0.2127i	0.0124+0.0779i	-0.0074-0.0140i	1.0109+0.2124i	0.0143+0.0543i	-0.0047+0.0163i
25.3	0.1463+0.0776i	-0.0504+0.0814i	-0.1270+0.2274i	0.0126+0.0853i	-0.0030-0.0107i	0.9823+0.2126i	0.0177+0.0516i	0.0029+0.0188i
25.4	0.1536+0.0839i	-0.0499+0.0892i	-0.0662+0.2813i	0.0200+0.0904i	-0.0053-0.0094i	1.0113+0.2552i	0.0199+0.0489i	0.0007+0.0133i
25.5	0.1636+0.0893i	-0.0432+0.0942i	-0.0046+0.2888i	0.0209+0.0930i	-0.0045-0.0074i	1.0690+0.2770i	0.0193+0.0520i	0.0016+0.0164i
25.6	0.1763+0.0919i	-0.0343+0.1050i	0.0690+0.2459i	0.0201+0.0941i	0.0040-0.0106i	1.1508+0.2817i	0.0136+0.0529i	0.0029+0.0186i
25.7	0.1828+0.0932i	-0.0317+0.1187i	0.1347+0.2031i	0.0218+0.0970i	0.0056-0.0173i	1.1927+0.2740i	0.0134+0.0535i	0.0014+0.0105i
25.8	0.1854+0.0886i	-0.0351+0.1182i	0.1123+0.1270i	0.0258+0.1052i	0.0016-0.0158i	1.1740+0.2177i	0.0180+0.0556i	0.0003+0.0067i
25.9	0.1922+0.0923i	-0.0248+0.1316i	0.1118+0.1062i	0.0250+0.1078i	-0.0006-0.0127i	1.1867+0.2216i	0.0171+0.0569i	0.0036+0.0111i
26.0	0.2050+0.0890i	-0.0133+0.1351i	0.1497+0.0989i	0.0286+0.1070i	-0.0007-0.0127i	1.2353+0.2174i	0.0154+0.0577i	0.0055+0.0096i
26.1	0.2229+0.0803i	-0.0005+0.1332i	0.1772-0.0124i	0.0338+0.1136i	-0.0019-0.0183i	1.2881+0.1471i	0.0176+0.0606i	0.0055+0.0047i
26.2	0.2350+0.0745i	0.0147+0.1330i	0.1587-0.0986i	0.0390+0.1203i	-0.0085-0.0204i	1.3130+0.0825i	0.0205+0.0643i	0.0025+0.0027i
26.3	0.2423+0.0614i	0.0256+0.1288i	0.1073-0.1413i	0.0459+0.1237i	-0.0177-0.0136i	1.2934+0.0330i	0.0264+0.0651i	-0.0002-0.0001i
26.4	0.2482+0.0419i	0.0325+0.1215i	0.0480-0.1832i	0.0547+0.1223i	-0.0233-0.0049i	1.2665+0.0014i	0.0300+0.0626i	-0.0052-0.0053i
26.5	0.2518+0.0304i	0.0365+0.1174i	0.0051-0.2232i	0.0620+0.1180i	-0.0294+0.0014i	1.2375-0.0236i	0.0321+0.0607i	-0.0057-0.0079i
26.6	0.2418+0.0100i	0.0429+0.1133i	-0.1472-0.2693i	0.0700+0.1096i	-0.0253+0.0195i	1.1841-0.0134i	0.0359+0.0548i	-0.0159-0.0101i
26.7	0.2255+0.0044i	0.0505+0.1103i	-0.3005-0.1884i	0.0718+0.1035i	-0.0151+0.0314i	1.1721+0.0374i	0.0312+0.0502i	-0.0297-0.0049i
26.8	0.2162+0.0085i	0.0628+0.1004i	-0.3875-0.0522i	0.0676+0.0991i	-0.0039+0.0374i	1.2209+0.0806i	0.0232+0.0489i	-0.0433+0.0065i
26.9	0.2129+0.0183i	0.0706+0.0840i	-0.3658+0.0867i	0.0638+0.1028i	0.0055+0.0322i	1.2882+0.0602i	0.0215+0.0568i	-0.0490+0.0222i
27.0	0.2191+0.0244i	0.0738+0.0701i	-0.3217+0.2034i	0.0643+0.1039i	0.0106+0.0281i	1.3287+0.0288i	0.0214+0.0635i	-0.0479+0.0414i
27.1	0.2266+0.0236i	0.0708+0.0540i	-0.2580+0.2852i	0.0678+0.1075i	0.0150+0.0329i	1.3444-0.0189i	0.0240+0.0659i	-0.0410+0.0558i
27.2	0.2328+0.0205i	0.0665+0.0423i	-0.2065+0.3287i	0.0722+0.1052i	0.0183+0.0375i	1.3501-0.0523i	0.0245+0.0682i	-0.0339+0.0677i
27.3	0.2386+0.0138i	0.0588+0.0256i	-0.1445+0.3840i	0.0757+0.1039i	0.0279+0.0468i	1.3464-0.0909i	0.0283+0.0727i	-0.0182+0.0854i
27.4	0.2380+0.0089i	0.0429+0.0197i	-0.0847+0.4087i	0.0761+0.1016i	0.0433+0.0458i	1.3345-0.1121i	0.0325+0.0714i	0.0055+0.0914i
27.5	0.2396+0.0069i	0.0315+0.0211i	-0.0149+0.4244i	0.0753+0.0973i	0.0589+0.0392i	1.3439-0.1114i	0.0353+0.0705i	0.0273+0.0873i
27.6	0.2439+0.0051i	0.0312+0.0210i	0.0020+0.4764i	0.0744+0.0984i	0.0744+0.0374i	1.3590-0.1255i	0.0376+0.0724i	0.0437+0.0891i
27.7	0.2519+0.0008i	0.0295+0.0070i	0.0687+0.5669i	0.0773+0.0993i	0.0968+0.0171i	1.3725-0.1583i	0.0411+0.0768i	0.0748+0.0775i
27.8	0.2552-0.0087i	0.0231+0.0021i	0.1882+0.5954i	0.0742+0.0991i	0.0994-0.0080i	1.3763-0.1817i	0.0478+0.0747i	0.0915+0.0529i
27.9	0.2538-0.0176i	0.0133-0.0006i	0.3180+0.6203i	0.0683+0.0981i	0.0961-0.0323i	1.3819-0.2132i	0.0520+0.0733i	0.0957+0.0272i
28.0	0.2512-0.0259i	0.0006-0.0024i	0.4482+0.6449i	0.0621+0.1039i	0.0855-0.0516i	1.3882-0.2454i	0.0525+0.0716i	0.0921+0.0084i
28.1	0.2463-0.0249i	-0.0083+0.0020i	0.6268+0.6339i	0.0550+0.1146i	0.0729-0.0642i	1.3791-0.2854i	0.0538+0.0748i	0.0952-0.0120i
28.2	0.2498-0.0147i	-0.0059+0.0062i	0.8221+0.5366i	0.0717+0.1322i	0.0541-0.0711i	1.3533-0.2862i	0.0633+0.0754i	0.0838-0.0340i
28.3	0.2597-0.0149i	-0.0043+0.0035i	0.9047+0.3812i	0.0945+0.1325i	0.0344-0.0688i	1.3397-0.2692i	0.0710+0.0695i	0.0591-0.0470i
28.4	0.2682-0.0240i	-0.0145-0.0044i	0.9456+0.2146i	0.1031+0.1213i	0.0208-0.0626i	1.3642-0.2898i	0.0726+0.0647i	0.0390-0.0453i
28.5	0.2688-0.0281i	-0.0252-0.0019i	0.9435+0.1073i	0.1011+0.1153i	0.0163-0.0549i	1.3815-0.3092i	0.0712+0.0629i	0.0315-0.0415i
28.6	0.2781-0.0282i	-0.0267-0.0029i	0.9718+0.0182i	0.1019+0.1169i	0.0123-0.0476i	1.4052-0.3241i	0.0717+0.0623i	0.0286-0.0385i
28.7	0.2877-0.0331i	-0.0317-0.0044i	0.9894-0.1066i	0.1055+0.1167i	0.0147-0.0428i	1.4262-0.3662i	0.0736+0.0590i	0.0272-0.0383i
28.8	0.2928-0.0385i	-0.0333-0.0025i	0.9853-0.1649i	0.1088+0.1180i	0.0201-0.0399i	1.4402-0.4050i	0.0758+0.0591i	0.0278-0.0378i
28.9	0.2952-0.0520i	-0.0431-0.0101i	0.9773-0.2787i	0.1151+0.1153i	0.0198-0.0365i	1.4400-0.4616i	0.0781+0.0588i	0.0217-0.0397i
29.0	0.3031-0.0657i	-0.0497-0.0142i	0.9667-0.3498i	0.1193+0.1118i	0.0214-0.0367i	1.4423-0.5219i	0.0803+0.0579i	0.0187-0.0417i
29.1	0.3104-0.0760i	-0.0578-0.0184i	0.9774-0.4239i	0.1227+0.1135i	0.0262-0.0395i	1.4562-0.5777i	0.0814+0.0568i	0.0197-0.0423i
29.2	0.3098-0.0853i	-0.0725-0.0215i	0.9378-0.4954i	0.1311+0.1105i	0.0259-0.0426i	1.4320-0.6164i	0.0848+0.0549i	0.0154-0.0426i
29.3	0.3115-0.1020i	-0.0837-0.0185i	0.8794-0.5772i	0.1399+0.1042i	0.0284-0.0475i	1.4067-0.6757i	0.0882+0.0523i	0.0109-0.0466i
29.4	0.3108-0.1145i	-0.0907-0.0107i	0.8408-0.6390i	0.1414+0.1016i	0.0285-0.0518i	1.3779-0.7174i	0.0916+0.0492i	0.0094-0.0491i
29.5	0.3055-0.1281i	-0.1056-0.0116i	0.8033-0.6873i	0.1441+0.1022i	0.0281-0.0591i	1.3287-0.7655i	0.0954+0.0461i	0.0097-0.0547i
29.6	0.2980-0.1374i	-0.1229+0.0061i	0.7575-0.7537i	0.1470+0.0983i	0.0252-0.0632i	1.2769-0.7826i	0.1003+0.0450i	0.0066-0.0542i
29.7	0.2936-0.1438i	-0.1339+0.0176i	0.7332-0.7827i	0.1482+0.0929i	0.0258-0.0701i	1.2544-0.8013i	0.1031+0.0401i	0.0024-0.0546i
29.8	0.2903-0.1566i	-0.1347+0.0331i	0.6922-0.8143i	0.1518+0.0869i	0.0208-0.0809i	1.2245-0.8245i	0.1040+0.0350i	-0.0012-0.0608i
29.9	0.2823-0.1735i	-0.1236+0.0375i	0.6134-0.8849i	0.1590+0.0806i	0.0048-0.0927i	1.1742-0.8661i	0.1077+0.0254i	-0.0085-0.0755i
30.0	0.2774-0.1764i	-0.1324+0.0662i	0.5469-0.9166i	0.1514+0.0775i	-0.0017-0.0900i	1.1670-0.8533i	0.1059+0.0175i	-0.0179-0.0747i
30.1	0.2719-0.1833i	-0.1216+0.0856i	0.4835-0.9527i	0.1483+0.0748i	-0.0190-0.0905i	1.1630-0.8694i	0.1070+0.0078i	-0.0288-0.0731i
30.2	0.2600-0.1946i	-0.1003+0.0859i	0.4155-0.9296i	0.1390+0.0752i	-0.0381-0.0732i	1.1557-0.9121i	0.0976+0.0032i	-0.0474-0.0606i
30.3	0.2434-0.2012i	-0.0859+0.0727i	0.3504-0.8908i	0.1349+0.0856i	-0.0372-0.0524i	1.1127-0.9972i	0.0818+0.0024i	-0.0519-0.0471i
30.4	0.2306-0.2063i	-0.0903+0.0610i	0.3466-0.8893i	0.1402+0.0991i	-0.0196-0.0457i	1.0388-1.0821i	0.0756+0.0082i	-0.0425-0.0391i
30.5	0.2144-0.2078i	-0.0997+0.0515i	0.3368-0.9202i	0.1564+0.1065i	-0.0031-0.0607i	0.8861-1.1299i	0.0779+0.0223i	-0.0274-0.0502i
30.6	0.1971-0.2003i	-0.1142+0.0520i	0.2707-0.9522i	0.1774+0.1026i	-0.0055-0.0830i	0.7395-1.0715i	0.0886+0.0282i	-0.0339-0.0725i
30.7	0.1857-0.1908i	-0.1279+0.0572i	0.2125-0.9513i	0.1879+0.0942i	-0.0186-0.0952i	0.6527-0.9905i	0.0966+0.0260i	-0.0457-0.0844i
30.8	0.1806-0.1831i	-0.1385+0.0679i	0.1497-0.9455i	0.1977+0.0898i	-0.0365-0.1029i	0.5949-0.9165i	0.1040+0.0235i	-0.0655-0.0937i

30.9	0.1824-0.1707i	-0.1376+0.0885i	0.1052-0.9227i	0.2052+0.0797i	-0.0533-0.1009i	0.5846-0.8422i	0.1067+0.0199i	-0.0904-0.0840i
31.0	0.1827-0.1659i	-0.1319+0.0963i	0.0619-0.9054i	0.2098+0.0694i	-0.0705-0.0948i	0.5827-0.8017i	0.1029+0.0150i	-0.1132-0.0765i
31.1	0.1829-0.1655i	-0.1362+0.1072i	0.0441-0.8992i	0.2121+0.0572i	-0.0824-0.0876i	0.5898-0.7841i	0.1039+0.0091i	-0.1304-0.0648i
31.2	0.1785-0.1557i	-0.1293+0.1328i	-0.0007-0.8772i	0.2121+0.0530i	-0.0909-0.0837i	0.5739-0.7639i	0.1031+0.0062i	-0.1390-0.0473i
31.3	0.1766-0.1445i	-0.1122+0.1509i	-0.0432-0.8429i	0.2136+0.0546i	-0.1005-0.0798i	0.5359-0.7334i	0.1033+0.0097i	-0.1473-0.0320i
31.4	0.1767-0.1357i	-0.0952+0.1524i	-0.0753-0.8064i	0.2173+0.0522i	-0.1109-0.0670i	0.5133-0.6998i	0.1033+0.0113i	-0.1568-0.0132i
31.5	0.1878-0.1261i	-0.0725+0.1536i	-0.0981-0.7481i	0.2242+0.0440i	-0.1244-0.0578i	0.5153-0.6546i	0.1018+0.0077i	-0.1723+0.0011i
31.6	0.1952-0.1211i	-0.0529+0.1485i	-0.0950-0.7101i	0.2352+0.0333i	-0.1350-0.0422i	0.5003-0.6183i	0.1008+0.0117i	-0.1861+0.0376i
31.7	0.2008-0.1179i	-0.0459+0.1443i	-0.0943-0.6839i	0.2453+0.0240i	-0.1412-0.0298i	0.4904-0.5891i	0.1019+0.0163i	-0.1996+0.0608i
31.8	0.2123-0.1171i	-0.0292+0.1370i	-0.0940-0.6563i	0.2484+0.0079i	-0.1420-0.0062i	0.4819-0.5500i	0.1063+0.0215i	-0.1880+0.1060i
31.9	0.2234-0.1224i	-0.0166+0.1301i	-0.1003-0.6414i	0.2489-0.0064i	-0.1448+0.0067i	0.4735-0.5412i	0.1118+0.0240i	-0.1802+0.1434i
32.0	0.2277-0.1218i	0.0023+0.1153i	-0.1292-0.6113i	0.2499-0.0214i	-0.1476+0.0263i	0.4484-0.5061i	0.1142+0.0273i	-0.1676+0.1774i
32.1	0.2335-0.1188i	0.0131+0.1011i	-0.1530-0.5601i	0.2400-0.0303i	-0.1382+0.0397i	0.4294-0.4538i	0.1247+0.0298i	-0.1273+0.1998i
32.2	0.2365-0.1158i	0.0184+0.0766i	-0.1566-0.5000i	0.2304-0.0307i	-0.1322+0.0520i	0.4094-0.4035i	0.1334+0.0315i	-0.0905+0.2068i
32.3	0.2414-0.1105i	0.0304+0.0505i	-0.1707-0.4341i	0.2245-0.0397i	-0.1286+0.0719i	0.3931-0.3278i	0.1416+0.0389i	-0.0601+0.2373i
32.4	0.2529-0.1048i	0.0443+0.0224i	-0.1817-0.3506i	0.2226-0.0495i	-0.1252+0.0939i	0.3902-0.2491i	0.1604+0.0537i	-0.0144+0.2839i
32.5	0.2666-0.1005i	0.0349-0.0238i	-0.1575-0.2509i	0.2124-0.0407i	-0.1037+0.1028i	0.4305-0.1538i	0.1864+0.0469i	0.0662+0.2541i
32.6	0.2830-0.0995i	0.0208-0.0605i	-0.0886-0.1597i	0.2088-0.0375i	-0.0928+0.1099i	0.4820-0.0667i	0.2071+0.0372i	0.1122+0.2252i
32.7	0.2988-0.1002i	-0.0085-0.0968i	-0.0001-0.0507i	0.2084-0.0344i	-0.0792+0.1117i	0.5462+0.0119i	0.2232+0.0217i	0.1388+0.1687i
32.8	0.3156-0.1069i	-0.0338-0.1263i	0.0975+0.0133i	0.2076-0.0272i	-0.0655+0.1122i	0.6295+0.0480i	0.2369-0.0026i	0.1627+0.1062i
32.9	0.3365-0.1119i	-0.0678-0.1616i	0.2169+0.0909i	0.2149-0.0180i	-0.0532+0.1164i	0.7257+0.1049i	0.2475-0.0280i	0.1645+0.0386i
33.0	0.3603-0.1078i	-0.1237-0.1974i	0.4061+0.2002i	0.2301-0.0102i	-0.0470+0.1296i	0.8346+0.1821i	0.2524-0.0404i	0.1291+0.0063i
33.1	0.3783-0.1122i	-0.1983-0.2143i	0.6512+0.2296i	0.2454-0.0009i	-0.0236+0.1369i	0.9627+0.2117i	0.2531-0.0549i	0.0942-0.0243i
33.2	0.4054-0.1234i	-0.2653-0.2008i	0.9015+0.1412i	0.2684-0.0182i	0.0014+0.1487i	1.1222+0.2064i	0.2604-0.0562i	0.0717+0.0234i
33.3	0.4381-0.1437i	-0.3178-0.1638i	1.0987-0.0280i	0.2833-0.0446i	0.0280+0.1473i	1.2777+0.1372i	0.2741-0.0627i	0.0802+0.0727i
33.4	0.4610-0.1759i	-0.3671-0.1117i	1.2448-0.2648i	0.2925-0.0674i	0.0555+0.1300i	1.3951+0.0225i	0.2832-0.0786i	0.1020+0.0823i
33.5	0.4832-0.2202i	-0.4141-0.0482i	1.3525-0.5826i	0.3011-0.0859i	0.0874+0.0944i	1.5029-0.1630i	0.2985-0.1185i	0.1358+0.0381i
33.6	0.4960-0.2603i	-0.4267+0.0096i	1.3543-0.8453i	0.3042-0.1115i	0.0953+0.0633i	1.5470-0.3007i	0.3025-0.1473i	0.1539+0.0261i
33.7	0.4910-0.3032i	-0.4163+0.0629i	1.2549-1.0835i	0.2892-0.1362i	0.0925+0.0293i	1.5553-0.4414i	0.2936-0.1809i	0.1656-0.0128i
33.8	0.4746-0.3318i	-0.4007+0.1054i	1.0932-1.2405i	0.2743-0.1437i	0.0723-0.0067i	1.5252-0.5757i	0.2672-0.2014i	0.1299-0.0636i
33.9	0.4577-0.3459i	-0.3936+0.1382i	0.9515-1.3721i	0.2684-0.1318i	0.0446-0.0254i	1.4688-0.7229i	0.2417-0.2014i	0.0785-0.0791i
34.0	0.4444-0.3640i	-0.3766+0.1634i	0.7686-1.4463i	0.2805-0.1377i	0.0227-0.0303i	1.3072-0.8177i	0.2303-0.2026i	0.0408-0.0683i
34.1	0.4403-0.3776i	-0.3553+0.1770i	0.6238-1.4480i	0.2875-0.1473i	0.0050-0.0259i	1.1964-0.8308i	0.2360-0.2053i	0.0377-0.0636i
34.2	0.4306-0.3819i	-0.3451+0.1832i	0.5231-1.3813i	0.2869-0.1612i	-0.0100-0.0227i	1.1144-0.7784i	0.2396-0.1995i	0.0411-0.0419i
34.3	0.4189-0.3922i	-0.3507+0.1839i	0.4909-1.3302i	0.2770-0.1718i	-0.0181-0.0154i	1.0722-0.7467i	0.2368-0.2054i	0.0416-0.0307i
34.4	0.4216-0.3995i	-0.3435+0.1994i	0.4602-1.2972i	0.2900-0.1803i	-0.0264-0.0109i	1.0262-0.7271i	0.2490-0.2258i	0.0351-0.0450i
34.5	0.4357-0.4058i	-0.3393+0.2085i	0.4435-1.2696i	0.2936-0.1801i	-0.0304-0.0041i	1.0395-0.7238i	0.2693-0.2393i	0.0540-0.0538i
34.6	0.4437-0.4191i	-0.3462+0.2175i	0.4515-1.2711i	0.2989-0.1959i	-0.0361+0.0016i	1.0319-0.7021i	0.2773-0.2575i	0.0529-0.0526i
34.7	0.4493-0.4317i	-0.3519+0.2326i	0.4548-1.2848i	0.2977-0.2047i	-0.0385+0.0059i	1.0310-0.7069i	0.2835-0.2750i	0.0586-0.0639i
34.8	0.4564-0.4532i	-0.3508+0.2484i	0.4621-1.3035i	0.3049-0.2115i	-0.0406+0.0076i	1.0317-0.7364i	0.2827-0.3052i	0.0533-0.0901i
34.9	0.4704-0.4795i	-0.3372+0.2660i	0.4563-1.3318i	0.3210-0.2246i	-0.0448+0.0105i	1.0155-0.7516i	0.2865-0.3355i	0.0380-0.1095i
35.0	0.4761-0.5005i	-0.3310+0.2839i	0.4560-1.3677i	0.3342-0.2392i	-0.0471+0.0115i	0.9832-0.7583i	0.2824-0.3579i	0.0159-0.1183i
35.1	0.4792-0.5272i	-0.3217+0.2976i	0.4201-1.3997i	0.3442-0.2620i	-0.0548+0.0155i	0.9591-0.7580i	0.2786-0.3865i	0.0037-0.1256i
35.2	0.4920-0.5438i	-0.3139+0.3114i	0.4234-1.4095i	0.3648-0.2707i	-0.0627+0.0212i	0.9186-0.7536i	0.2780-0.4104i	-0.0098-0.1390i
35.3	0.4999-0.5715i	-0.3174+0.3262i	0.4528-1.4613i	0.3790-0.2981i	-0.0611+0.0233i	0.9011-0.7493i	0.2685-0.4346i	-0.0354-0.1417i
35.4	0.5109-0.6082i	-0.3058+0.3426i	0.4544-1.5153i	0.3943-0.3371i	-0.0637+0.0257i	0.8742-0.7256i	0.2635-0.4641i	-0.0554-0.1329i
35.5	0.5079-0.6505i	-0.3038+0.3469i	0.4707-1.5679i	0.3996-0.3858i	-0.0662+0.0349i	0.8695-0.6838i	0.2458-0.4926i	-0.0817-0.1162i
35.6	0.5042-0.6906i	-0.3040+0.3549i	0.4647-1.6640i	0.3948-0.4342i	-0.0673+0.0386i	0.8846-0.6477i	0.2259-0.5209i	-0.0991-0.0927i
35.7	0.5009-0.7346i	-0.2988+0.3738i	0.4220-1.7310i	0.3830-0.4791i	-0.0724+0.0435i	0.9043-0.6262i	0.2120-0.5531i	-0.1049-0.0815i
35.8	0.4897-0.7810i	-0.2896+0.3907i	0.3383-1.8147i	0.3563-0.5318i	-0.0771+0.0441i	0.9437-0.6077i	0.1931-0.5832i	-0.0987-0.0663i
35.9	0.4747-0.8193i	-0.2718+0.4123i	0.2550-1.8659i	0.3326-0.5584i	-0.0825+0.0492i	0.9569-0.6174i	0.1709-0.6046i	-0.1003-0.0599i
36.0	0.4523-0.8799i	-0.2512+0.4272i	0.1964-1.9480i	0.3062-0.6082i	-0.0855+0.0533i	0.9743-0.6379i	0.1375-0.6392i	-0.1142-0.0500i
36.1	0.4258-0.9276i	-0.2286+0.4373i	0.1024-2.0006i	0.2753-0.6509i	-0.0948+0.0565i	0.9772-0.6551i	0.1085-0.6635i	-0.1197-0.0380i
36.2	0.3909-0.9564i	-0.2051+0.4424i	-0.0082-1.9783i	0.2346-0.6704i	-0.1019+0.0650i	0.9797-0.6695i	0.0765-0.6765i	-0.1126-0.0293i
36.3	0.3630-0.9944i	-0.1864+0.4481i	-0.0897-1.9980i	0.1981-0.6929i	-0.1054+0.0728i	0.9878-0.6728i	0.0462-0.6939i	-0.1102-0.0208i
36.4	0.3345-1.0270i	-0.1743+0.4496i	-0.1633-2.0283i	0.1676-0.7165i	-0.1068+0.0803i	0.9972-0.6845i	0.0244-0.7139i	-0.1077-0.0206i
36.5	0.2679-1.0562i	-0.1607+0.4289i	-0.2479-1.9579i	0.1038-0.7284i	-0.1169+0.1018i	0.9958-0.6871i	-0.0291-0.7235i	-0.1131-0.0121i
36.6	0.2302-1.0696i	-0.1481+0.4265i	-0.3085-1.9247i	0.0725-0.7296i	-0.1234+0.1222i	0.9798-0.7049i	-0.0595-0.7244i	-0.1191-0.0069i
36.7	0.1794-1.0816i	-0.1398+0.4246i	-0.3653-1.8742i	0.0294-0.7241i	-0.1192+0.1328i	0.9672-0.7347i	-0.1029-0.7179i	-0.1225+0.0023i
36.8	0.1537-1.0887i	-0.1307+0.4250i	-0.3723-1.8608i	0.0169-0.7222i	-0.1166+0.1445i	0.9570-0.7352i	-0.1215-0.7111i	-0.1258+0.0142i
36.9	0.1308-1.1047i	-0.1238+0.4158i	-0.3595-1.8569i	0.0089-0.7316i	-0.1094+0.1617i	0.9348-0.7269i	-0.1362-0.7108i	-0.1286+0.0308i
37.0	0.1018-1.0996i	-0.1317+0.4090i	-0.3421-1.8653i	-0.0108-0.7293i	-0.1009+0.1683i	0.9324-0.7253i	-0.1575-0.7017i	-0.1332+0.0417i
37.1	0.1073-1.1068i	-0.1268+0.4375i	-0.3754-1.9502i	-0.0066-0.7393i	-0.1080+0.1735i	0.9090-0.7359i	-0.1502-0.7090i	-0.1278+0.0537i

37.2	0.1095-1.1454i	-0.1071+0.4402i	-0.4302-1.9895i	-0.0072-0.7694i	-0.1151+0.1888i	0.8833-0.7269i	-0.1555-0.7325i	-0.1234+0.0621i
37.3	0.1118-1.1893i	-0.0779+0.4360i	-0.4654-1.9973i	0.0048-0.8028i	-0.1252+0.2093i	0.8439-0.6986i	-0.1578-0.7535i	-0.1262+0.0716i
37.4	0.0895-1.2296i	-0.0596+0.4250i	-0.5279-1.9811i	-0.0127-0.8365i	-0.1267+0.2315i	0.8291-0.6639i	-0.1777-0.7757i	-0.1185+0.0834i
37.5	0.0346-1.2991i	-0.0584+0.4177i	-0.6460-1.9999i	-0.0732-0.9001i	-0.1093+0.2604i	0.8815-0.6117i	-0.2251-0.8139i	-0.1083+0.1026i
37.6	-0.0238-1.3716i	-0.0598+0.4048i	-0.6749-1.9690i	-0.1303-0.9578i	-0.0904+0.2995i	0.9371-0.5577i	-0.2690-0.8408i	-0.1038+0.1241i
37.7	-0.0767-1.4192i	-0.0532+0.3967i	-0.6366-1.9437i	-0.1761-0.9879i	-0.0683+0.3235i	0.9863-0.5616i	-0.3003-0.8565i	-0.0967+0.1393i
37.8	-0.1468-1.4760i	-0.0496+0.3867i	-0.5889-2.0328i	-0.2248-1.0303i	-0.0297+0.3426i	1.0396-0.5691i	-0.3340-0.8830i	-0.0856+0.1605i
37.9	-0.2479-1.5281i	-0.0553+0.3673i	-0.5810-2.1687i	-0.3041-1.0729i	0.0114+0.3544i	1.0758-0.6138i	-0.3893-0.9022i	-0.0639+0.1839i
38.0	-0.3598-1.5642i	-0.0639+0.3592i	-0.6853-2.3310i	-0.3974-1.0968i	0.0467+0.3524i	1.0730-0.6932i	-0.4423-0.9127i	-0.0319+0.2032i
38.1	-0.5057-1.5626i	-0.0756+0.3538i	-0.9834-2.4734i	-0.5053-1.1033i	0.0836+0.3313i	1.0166-0.7286i	-0.5033-0.9154i	0.0179+0.2143i
38.2	-0.5588-1.5379i	-0.0834+0.3493i	-1.1179-2.4639i	-0.5390-1.0942i	0.0956+0.3203i	0.9399-0.7103i	-0.5159-0.9100i	0.0472+0.2044i
38.3	-0.6388-1.5074i	-0.1091+0.3263i	-1.2825-2.4612i	-0.6051-1.0932i	0.1050+0.3114i	0.8904-0.6472i	-0.5558-0.9162i	0.0747+0.1912i
38.4	-0.7393-1.4884i	-0.1511+0.3488i	-1.5096-2.3875i	-0.6948-1.0926i	0.1205+0.3194i	0.8638-0.5283i	-0.5994-0.9464i	0.1227+0.1665i
38.5	-0.8365-1.4753i	-0.1677+0.3967i	-1.6861-2.2966i	-0.8001-1.0945i	0.1384+0.3162i	0.9203-0.4515i	-0.6701-0.9770i	0.1527+0.1404i
38.6	-0.9167-1.4466i	-0.1686+0.4377i	-1.7995-2.2104i	-0.8774-1.0732i	0.1590+0.3089i	0.9685-0.4069i	-0.7277-0.9878i	0.1782+0.1133i
38.7	-1.0020-1.4427i	-0.1533+0.4626i	-1.8585-2.2080i	-0.9480-1.0870i	0.1842+0.3080i	0.9919-0.3038i	-0.7853-1.0343i	0.2003+0.0722i
38.8	-1.1179-1.3880i	-0.1319+0.4903i	-2.0298-2.1386i	-1.0768-1.0522i	0.2046+0.2906i	1.0893-0.2384i	-0.9002-1.0450i	0.2045+0.0232i
38.9	-1.1907-1.3183i	-0.1097+0.5164i	-2.1320-2.0332i	-1.1541-0.9987i	0.2202+0.2773i	1.1877-0.1995i	-0.9822-1.0292i	0.1989-0.0134i
39.0	-1.2802-1.2445i	-0.0771+0.5395i	-2.2848-1.9341i	-1.2570-0.9365i	0.2381+0.2625i	1.3151-0.1813i	-1.0894-1.0090i	0.1891-0.0591i
39.1	-1.3374-1.1438i	-0.0398+0.5516i	-2.4032-1.7493i	-1.3463-0.8400i	0.2414+0.2351i	1.5077-0.2443i	-1.2084-0.9400i	0.1491-0.0859i
39.2	-1.4012-1.0455i	-0.0061+0.5538i	-2.5221-1.5785i	-1.4477-0.7426i	0.2452+0.2145i	1.6885-0.3096i	-1.3330-0.8631i	0.1130-0.1050i
39.3	-1.4631-0.9948i	0.0313+0.5670i	-2.6475-1.5254i	-1.5290-0.6945i	0.2504+0.2029i	1.8156-0.3389i	-1.4299-0.8363i	0.0941-0.1221i
39.4	-1.5030-0.9116i	0.0846+0.5585i	-2.7274-1.3298i	-1.5825-0.5897i	0.2488+0.1827i	1.9202-0.5228i	-1.5153-0.7350i	0.0632-0.1162i
39.5	-1.5473-0.8184i	0.1330+0.5376i	-2.8220-1.0848i	-1.6460-0.4659i	0.2326+0.1707i	1.9581-0.7200i	-1.5942-0.6131i	0.0490-0.1024i
39.6	-1.6010-0.7255i	0.1664+0.4961i	-2.9223-0.8887i	-1.7170-0.3566i	0.2286+0.1615i	2.0114-0.8483i	-1.6723-0.5055i	0.0333-0.0984i
39.7	-1.6313-0.6517i	0.1869+0.4489i	-2.9263-0.7306i	-1.7559-0.2763i	0.2261+0.1551i	2.0324-0.9452i	-1.7247-0.4145i	0.0225-0.0854i
39.8	-1.6518-0.5435i	0.1828+0.4141i	-2.8288-0.5145i	-1.7657-0.1338i	0.2110+0.1523i	1.9166-1.1110i	-1.7198-0.2674i	0.0411-0.0740i
39.9	-1.6518-0.4181i	0.1856+0.3861i	-2.7922-0.3207i	-1.7581+0.0124i	0.2068+0.1603i	1.8392-1.1853i	-1.7073-0.1415i	0.0425-0.0840i
40.0	-1.6389-0.2878i	0.1860+0.3507i	-2.7435-0.0983i	-1.7445+0.1649i	0.2026+0.1701i	1.8118-1.2476i	-1.7020-0.0156i	0.0360-0.0924i
40.1	-1.6083-0.1870i	0.1764+0.3176i	-2.6568+0.0658i	-1.7094+0.2813i	0.1966+0.1791i	1.7715-1.3123i	-1.6766+0.0941i	0.0290-0.0883i
40.2	-1.5294-0.0833i	0.1510+0.2887i	-2.4884+0.2429i	-1.6123+0.4045i	0.2069+0.1937i	1.7130-1.3700i	-1.6063+0.2090i	0.0238-0.0828i
40.3	-1.4854-0.0392i	0.1361+0.2852i	-2.4324+0.3168i	-1.5642+0.4554i	0.2208+0.2061i	1.7268-1.3851i	-1.5776+0.2638i	0.0184-0.0647i
40.4	-1.4555-0.0253i	0.1452+0.2770i	-2.3704+0.3429i	-1.5390+0.4774i	0.2403+0.2131i	1.7478-1.4290i	-1.5490+0.2987i	0.0489-0.0408i
40.5	-1.4358+0.0135i	0.1585+0.2442i	-2.2841+0.4685i	-1.5089+0.5393i	0.2447+0.1986i	1.6776-1.5114i	-1.4976+0.3518i	0.0957-0.0763i
40.6	-1.4200+0.0703i	0.1634+0.2220i	-2.2229+0.5680i	-1.4785+0.6146i	0.2455+0.2056i	1.6310-1.5502i	-1.4588+0.4073i	0.1182-0.1091i
40.7	-1.4143+0.1154i	0.1648+0.1844i	-2.1692+0.6424i	-1.4671+0.6695i	0.2494+0.2125i	1.6128-1.5736i	-1.4364+0.4424i	0.1372-0.1417i
40.8	-1.3802+0.1683i	0.1388+0.1386i	-2.0682+0.7290i	-1.4233+0.7450i	0.2591+0.2097i	1.5721-1.6303i	-1.3939+0.4842i	0.1323-0.2025i
40.9	-1.3371+0.2237i	0.1057+0.0965i	-1.9248+0.7954i	-1.3580+0.8227i	0.2451+0.2251i	1.5181-1.6804i	-1.3402+0.5125i	0.1082-0.2706i
41.0	-1.3195+0.2831i	0.0685+0.0659i	-1.8620+0.9088i	-1.3106+0.9001i	0.2592+0.2702i	1.4380-1.7221i	-1.3284+0.5485i	0.0663-0.3027i
41.1	-1.2539+0.3417i	-0.0049+0.0304i	-1.6987+0.9449i	-1.2082+0.9566i	0.3393+0.2899i	1.3757-1.6554i	-1.2863+0.5775i	0.0244-0.3324i
41.2	-1.2021+0.3800i	-0.0672+0.0060i	-1.5811+0.9226i	-1.1429+0.9927i	0.3846+0.2607i	1.4285-1.6189i	-1.2595+0.5937i	-0.0049-0.3887i
41.3	-1.1063+0.4025i	-0.1532+0.0325i	-1.4546+0.9380i	-1.0122+1.0243i	0.3863+0.2222i	1.4290-1.7423i	-1.1964+0.6295i	-0.1072-0.4234i
41.4	-1.0554+0.3713i	-0.1990+0.0883i	-1.3671+0.9745i	-0.9219+1.0039i	0.3755+0.2407i	1.2855-1.9127i	-1.1641+0.6163i	-0.2198-0.3958i
41.5	-1.0677+0.4107i	-0.2338+0.1044i	-1.2651+1.0260i	-0.8646+1.0208i	0.4356+0.2810i	1.0040-1.8495i	-1.1732+0.6589i	-0.2959-0.3226i
41.6	-1.0279+0.4141i	-0.2486+0.1502i	-1.1148+0.9835i	-0.8103+0.9684i	0.4858+0.2549i	0.9559-1.6633i	-1.1419+0.6751i	-0.3000-0.2443i
41.7	-1.0051+0.4228i	-0.2632+0.1844i	-1.0161+0.9465i	-0.7981+0.9282i	0.5318+0.2163i	0.9775-1.5034i	-1.1249+0.6867i	-0.2880-0.1914i
41.8	-0.9441+0.4406i	-0.2965+0.2343i	-0.9103+0.8881i	-0.7483+0.8966i	0.5747+0.1682i	1.0664-1.3436i	-1.0794+0.7075i	-0.2729-0.1344i
41.9	-0.9582+0.3770i	-0.2497+0.2549i	-0.9078+0.7774i	-0.7918+0.8222i	0.5768+0.1336i	1.1573-1.3263i	-1.0622+0.6413i	-0.1868-0.1427i
42.0	-0.9930+0.4173i	-0.2966+0.2296i	-0.9400+0.7835i	-0.8540+0.8723i	0.5934+0.0893i	1.2730-1.3360i	-1.1106+0.6456i	-0.1914-0.2391i
42.1	-0.9643+0.4617i	-0.3326+0.2791i	-0.8756+0.8047i	-0.8276+0.9203i	0.5804+0.0467i	1.2748-1.3968i	-1.1047+0.6894i	-0.2546-0.2578i
42.2	-0.9358+0.5330i	-0.3742+0.3151i	-0.7429+0.8003i	-0.8054+0.9604i	0.5634+0.0132i	1.3021-1.2445i	-1.1011+0.7269i	-0.3280-0.2549i
42.3	-0.8869+0.5455i	-0.3862+0.3835i	-0.7263+0.7111i	-0.8031+0.9686i	0.5392+0.0177i	1.6260-1.2076i	-1.1257+0.7232i	-0.3852-0.2334i
42.4	-0.8620+0.5456i	-0.3592+0.4466i	-0.7441+0.6811i	-0.7889+1.0238i	0.5677+0.0167i	1.6968-1.5512i	-1.1550+0.7921i	-0.4268-0.1646i
42.5	-0.8405+0.5887i	-0.3659+0.4916i	-0.7623+0.6929i	-0.7597+1.0740i	0.5787-0.0215i	1.6193-1.6052i	-1.1379+0.8622i	-0.4387-0.1164i
42.6	-0.7775+0.5881i	-0.3191+0.5527i	-0.7579+0.7244i	-0.7111+1.0891i	0.5769-0.0373i	1.6827-1.6898i	-1.1147+0.9024i	-0.4688-0.0612i
42.7	-0.7324+0.5852i	-0.2288+0.5915i	-0.6551+0.7557i	-0.6286+1.0710i	0.5818-0.0677i	1.4745-1.7098i	-1.0386+0.9641i	-0.4629+0.0656i
42.8	-0.6873+0.5632i	-0.1651+0.5294i	-0.5391+0.6602i	-0.6418+0.9779i	0.5845-0.0703i	1.6349-1.3449i	-0.9714+0.8991i	-0.3244+0.1263i
42.9	-0.7038+0.5319i	-0.2044+0.4873i	-0.6473+0.5678i	-0.7517+1.0492i	0.6078-0.1101i	2.1159-1.7259i	-1.0715+0.8888i	-0.2836-0.0119i
43.0	-0.7387+0.5649i	-0.2127+0.5155i	-0.7097+0.6010i	-0.7376+1.1968i	0.5987-0.1558i	2.0060-2.1953i	-1.1363+1.0196i	-0.3950-0.0379i
43.1	-0.7086+0.6297i	-0.1648+0.5249i	-0.7108+0.6704i	-0.6398+1.2649i	0.5865-0.1838i	1.8089-2.2758i	-1.0745+1.1467i	-0.4271+0.0698i
43.2	-0.6296+0.6714i	-0.1690+0.4926i	-0.6814+0.7766i	-0.5489+1.2736i	0.5815-0.2082i	1.7780-2.1732i	-0.9648+1.1997i	-0.3577+0.1575i
43.3	-0.5083+0.5615i	-0.2159+0.5505i	-0.6072+0.7806i	-0.4813+1.2235i	0.5492-0.3179i	2.0009-2.5817i	-0.8319+1.1469i	-0.2328+0.0504i
43.4	-0.5957+0.5207i	-0.1609+0.5043i	-0.5419+0.7449i	-0.5145+1.2010i	0.4501-0.2717i	1.6544-2.5584i	-0.8719+1.0658i	-0.3191+0.0040i

43.5	-0.6537+0.5671i	-0.1770+0.4593i	-0.5579+0.7272i	-0.5857+1.2618i	0.4789-0.2072i	1.7854-2.5435i	-0.9854+1.1032i	-0.3569+0.0420i
43.6	-0.6417+0.6547i	-0.2461+0.4505i	-0.5888+0.7722i	-0.5605+1.4295i	0.5535-0.2076i	1.8993-2.8659i	-1.0286+1.2695i	-0.3458+0.0813i
43.7	-0.5443+0.6944i	-0.3275+0.5243i	-0.5271+0.8534i	-0.3949+1.5330i	0.5661-0.2982i	1.7762-3.2804i	-0.9119+1.4276i	-0.3388+0.0922i
43.8	-0.4868+0.6702i	-0.3307+0.6024i	-0.4172+0.9368i	-0.2675+1.5318i	0.5287-0.3543i	1.4866-3.5279i	-0.8001+1.4687i	-0.3486+0.0855i
43.9	-0.4723+0.6395i	-0.2677+0.6450i	-0.2648+0.9074i	-0.1743+1.4741i	0.4643-0.3576i	1.0601-3.5102i	-0.6851+1.4415i	-0.3523+0.0995i
44.0	-0.4340+0.6556i	-0.2989+0.6254i	-0.0431+0.7833i	-0.0914+1.4370i	0.4068-0.3620i	0.7832-3.1952i	-0.5835+1.3817i	-0.3569+0.0493i
44.1	-0.4244+0.6264i	-0.2628+0.7151i	-0.0550+0.6338i	-0.0642+1.4058i	0.3623-0.3216i	0.8100-3.2112i	-0.5988+1.3459i	-0.4398+0.0836i
44.2	-0.4618+0.6695i	-0.1735+0.6545i	-0.1609+0.6010i	-0.0334+1.4453i	0.4105-0.2340i	0.5401-3.3385i	-0.6336+1.4328i	-0.4540+0.2279i
44.3	-0.3707+0.7246i	-0.2421+0.6528i	-0.1582+0.5003i	0.1162+1.4184i	0.4681-0.2733i	0.2802-2.9632i	-0.4897+1.4826i	-0.3726+0.2586i
44.4	-0.2798+0.6997i	-0.2689+0.7299i	-0.2345+0.4762i	0.1818+1.3326i	0.4789-0.2951i	0.5202-2.7541i	-0.4189+1.4287i	-0.3501+0.2467i
44.5	-0.2380+0.6187i	-0.2084+0.7988i	-0.2324+0.5415i	0.2132+1.2505i	0.4675-0.3290i	0.5634-3.0315i	-0.3870+1.4078i	-0.3510+0.2733i
44.6	-0.2315+0.5655i	-0.1515+0.8253i	-0.1824+0.5167i	0.2345+1.1768i	0.4622-0.3466i	0.3538-3.0584i	-0.3345+1.3922i	-0.3171+0.3078i
44.7	-0.2387+0.5117i	-0.0850+0.8262i	-0.2384+0.4703i	0.2149+1.1163i	0.4419-0.3668i	0.3672-2.9992i	-0.3093+1.3393i	-0.3015+0.2778i
44.8	-0.2692+0.4792i	0.0349+0.7793i	-0.2386+0.5062i	0.2105+1.0680i	0.4083-0.3731i	0.1422-3.0462i	-0.2552+1.3070i	-0.2720+0.3114i
44.9	-0.3115+0.4905i	0.0319+0.6325i	-0.1549+0.5155i	0.1518+1.0492i	0.4157-0.3502i	0.0130-2.8539i	-0.2702+1.2432i	-0.2106+0.2810i
45.0	-0.2804+0.4974i	-0.0721+0.6722i	-0.1777+0.4176i	0.1429+1.0832i	0.4694-0.3506i	0.2962-2.8287i	-0.3454+1.2646i	-0.2407+0.2561i
45.1	-0.2738+0.5025i	-0.0335+0.6440i	-0.1851+0.4103i	0.1766+1.0720i	0.4770-0.3822i	0.2274-2.7849i	-0.2929+1.2829i	-0.2171+0.2634i
45.2	-0.2712+0.5156i	-0.0553+0.5708i	-0.1734+0.4011i	0.1665+1.0816i	0.4961-0.4051i	0.2761-2.7843i	-0.2995+1.2799i	-0.2050+0.2303i
45.3	-0.2406+0.4989i	-0.1557+0.5661i	-0.2244+0.3740i	0.2129+1.0868i	0.4951-0.4998i	0.1566-2.9754i	-0.2623+1.3402i	-0.2288+0.2189i
45.4	-0.2358+0.4839i	-0.2353+0.6020i	-0.2780+0.3932i	0.2681+1.0537i	0.4205-0.5623i	-0.1245-2.9055i	-0.1767+1.3392i	-0.2609+0.2236i
45.5	-0.2398+0.4536i	-0.2972+0.6796i	-0.2850+0.4050i	0.2528+0.9794i	0.3382-0.5320i	-0.1101-2.6479i	-0.1581+1.2479i	-0.2923+0.2493i
45.6	-0.2842+0.4557i	-0.2860+0.6477i	-0.3360+0.4128i	0.1705+0.9949i	0.3699-0.4570i	0.1057-2.6891i	-0.2599+1.2313i	-0.2671+0.2696i
45.7	-0.2686+0.5006i	-0.3796+0.7756i	-0.2874+0.5101i	0.2342+1.0505i	0.3864-0.5205i	-0.1208-2.7499i	-0.2003+1.3406i	-0.2567+0.2999i
45.8	-0.2531+0.4929i	-0.3429+0.9211i	-0.2723+0.3781i	0.2532+1.0226i	0.3649-0.5263i	-0.0372-2.5792i	-0.1670+1.3069i	-0.2519+0.3030i
45.9	-0.2682+0.5078i	-0.2696+0.8878i	-0.4438+0.3423i	0.2464+1.0458i	0.3678-0.5185i	0.0759-2.7459i	-0.2028+1.3313i	-0.2558+0.3215i
46.0	-0.2267+0.5203i	-0.3021+0.9316i	-0.5101+0.4701i	0.2964+1.0436i	0.3662-0.5562i	-0.0532-2.8267i	-0.1466+1.3730i	-0.2092+0.3457i
46.1	-0.2066+0.4971i	-0.2337+1.0493i	-0.5755+0.6225i	0.3315+1.0375i	0.3251-0.6103i	-0.2312-2.8874i	-0.0793+1.4018i	-0.1919+0.3379i
46.2	-0.1995+0.4887i	-0.1798+1.0118i	-0.5342+0.8469i	0.3662+1.0035i	0.2935-0.6133i	-0.3775-2.8186i	-0.0218+1.3852i	-0.1900+0.3187i
46.3	-0.2181+0.4807i	-0.2255+1.0335i	-0.3488+0.9034i	0.3933+0.9655i	0.2588-0.5985i	-0.5793-2.5852i	0.0373+1.3295i	-0.1963+0.3092i
46.4	-0.2466+0.5314i	-0.2318+1.1187i	-0.3674+0.8524i	0.3919+0.9367i	0.2598-0.5903i	-0.4636-2.2220i	0.0186+1.2725i	-0.2262+0.3084i
46.5	-0.1933+0.5625i	-0.2253+1.1885i	-0.3140+0.9817i	0.3867+0.9183i	0.2666-0.6159i	-0.1946-2.2186i	-0.0211+1.2835i	-0.2601+0.3377i
46.6	-0.1387+0.5293i	-0.1649+1.3056i	-0.1533+1.0454i	0.3873+0.9069i	0.2431-0.6477i	-0.0616-2.4366i	-0.0170+1.3482i	-0.2596+0.4255i
46.7	-0.1105+0.5015i	-0.0895+1.3935i	0.0632+0.9659i	0.3565+0.8774i	0.2260-0.6483i	0.1163-2.3945i	-0.0225+1.3294i	-0.2136+0.4503i
46.8	-0.1338+0.4667i	-0.0141+1.4574i	0.0184+0.8178i	0.3399+0.9472i	0.2168-0.6887i	0.1460-2.9580i	-0.0376+1.4405i	-0.1996+0.4688i
46.9	-0.1589+0.4856i	0.0847+1.4876i	-0.1120+0.8725i	0.4135+0.9513i	0.1732-0.6969i	-0.3074-2.9248i	0.0761+1.4769i	-0.1621+0.4908i
47.0	-0.1475+0.5141i	0.1728+1.4733i	-0.1121+0.9865i	0.4397+0.9130i	0.1573-0.6935i	-0.3225-2.7259i	0.1382+1.4476i	-0.1297+0.4976i
47.1	-0.0860+0.5179i	0.2011+1.4975i	0.1445+1.1285i	0.4198+0.9068i	0.1583-0.7319i	-0.1433-2.8908i	0.1488+1.4538i	-0.0862+0.4950i
47.2	-0.0684+0.4929i	0.2973+1.5955i	0.2592+1.0915i	0.4610+0.9424i	0.0869-0.7940i	-0.4448-3.2126i	0.2249+1.5284i	-0.0618+0.5118i
47.3	-0.0621+0.4699i	0.4658+1.5755i	0.2788+0.9815i	0.5125+0.9048i	-0.0006-0.7622i	-0.8238-3.0217i	0.3429+1.4827i	-0.0198+0.5010i
47.4	-0.0706+0.4537i	0.6230+1.5067i	0.3703+0.9053i	0.5309+0.8428i	-0.0497-0.6989i	-0.9712-2.6612i	0.4230+1.3861i	0.0199+0.4764i
47.5	-0.0832+0.4523i	0.6967+1.4400i	0.4216+0.8631i	0.5168+0.8078i	-0.0568-0.6536i	-0.8894-2.4592i	0.4322+1.3277i	0.0431+0.4646i
47.6	-0.0867+0.4763i	0.7396+1.3398i	0.4117+0.8483i	0.5075+0.7961i	-0.0319-0.6336i	-0.7947-2.3710i	0.4347+1.2921i	0.0636+0.4388i
47.7	-0.0508+0.5032i	0.7256+1.2696i	0.5409+0.8919i	0.5001+0.7878i	-0.0295-0.6333i	-0.6542-2.2499i	0.4154+1.2586i	0.0472+0.4132i
47.8	-0.0250+0.4641i	0.7838+1.2914i	0.5380+0.7440i	0.5024+0.7905i	-0.0451-0.6685i	-0.5855-2.4707i	0.4291+1.2925i	0.0586+0.4281i
47.9	-0.0397+0.4564i	0.8436+1.2471i	0.4640+0.7129i	0.5247+0.7721i	-0.0831-0.6703i	-0.7909-2.4068i	0.4831+1.2785i	0.0792+0.4229i
48.0	-0.0077+0.4736i	0.9215+1.1842i	0.4599+0.7909i	0.5290+0.7559i	-0.1173-0.6706i	-0.6961-2.3481i	0.5265+1.2666i	0.1005+0.4183i
48.1	0.0253+0.4446i	0.9688+1.1013i	0.6020+0.7843i	0.5265+0.7438i	-0.1625-0.6409i	-0.7203-2.4344i	0.5653+1.2148i	0.1284+0.3879i
48.2	0.0168+0.4437i	0.9872+1.0453i	0.5502+0.7262i	0.5303+0.7507i	-0.1619-0.6267i	-0.7789-2.4348i	0.5609+1.2047i	0.1309+0.3661i
48.3	0.0400+0.4491i	0.9773+0.9948i	0.6212+0.7228i	0.5552+0.7425i	-0.1850-0.6239i	-0.8949-2.3142i	0.5891+1.1983i	0.1203+0.3597i
48.4	0.0751+0.4273i	0.9774+0.9265i	0.6605+0.5937i	0.5613+0.7105i	-0.2133-0.5935i	-0.7441-2.1566i	0.6323+1.1675i	0.1412+0.3574i
48.5	0.0862+0.4016i	0.9614+0.8822i	0.6107+0.5560i	0.5555+0.6921i	-0.2260-0.5651i	-0.6450-2.1633i	0.6528+1.1243i	0.1538+0.3322i
48.6	0.1155+0.3704i	0.9465+0.8652i	0.5343+0.5494i	0.5401+0.6778i	-0.2351-0.5456i	-0.4454-2.2610i	0.6585+1.0798i	0.1718+0.3189i
48.7	0.1027+0.3040i	0.9614+0.8463i	0.4968+0.5654i	0.5415+0.6778i	-0.2484-0.5154i	-0.5196-2.5144i	0.6694+1.0341i	0.1680+0.2769i
48.8	0.0571+0.2653i	0.9772+0.7862i	0.5829+0.5886i	0.5522+0.6684i	-0.2514-0.4610i	-0.7992-2.5574i	0.6596+0.9774i	0.1348+0.2539i
48.9	0.0381+0.2680i	0.9510+0.7679i	0.6641+0.5673i	0.5666+0.6470i	-0.2424-0.4501i	-1.0038-2.3565i	0.6564+0.9658i	0.1249+0.2673i
49.0	0.0320+0.2601i	0.9194+0.7740i	0.6517+0.5562i	0.5571+0.6214i	-0.2222-0.4493i	-0.9198-2.1709i	0.6571+0.9452i	0.1293+0.2663i
49.1	0.0083+0.2505i	0.9187+0.7798i	0.5993+0.4963i	0.5240+0.6238i	-0.2062-0.4529i	-0.7072-2.2200i	0.6335+0.9347i	0.1179+0.2545i
49.2	-0.0279+0.2597i	0.9485+0.7502i	0.5884+0.4751i	0.5356+0.6429i	-0.2081-0.4460i	-0.8261-2.3326i	0.6382+0.9395i	0.1112+0.2582i
49.3	-0.0429+0.2866i	0.9692+0.6872i	0.6036+0.4889i	0.5428+0.6280i	-0.2216-0.4397i	-0.8978-2.2065i	0.6542+0.9049i	0.1180+0.2470i
49.4	-0.0166+0.2928i	0.9477+0.6806i	0.5905+0.5478i	0.5360+0.6152i	-0.2198-0.4341i	-0.7663-2.2042i	0.6549+0.8814i	0.1113+0.2421i
49.5	-0.0155+0.2718i	0.9771+0.6866i	0.6174+0.5669i	0.5457+0.6128i	-0.2261-0.4212i	-0.8629-2.3072i	0.6679+0.8647i	0.1177+0.2416i
49.6	-0.0405+0.2862i	0.9811+0.6540i	0.6720+0.5445i	0.5409+0.5898i	-0.2210-0.4110i	-0.9074-2.0830i	0.6540+0.8247i	0.1121+0.2324i
49.7	-0.0310+0.3088i	0.9759+0.6729i	0.6650+0.5163i	0.5136+0.5975i	-0.2201-0.4090i	-0.6216-2.0883i	0.6293+0.8249i	0.1105+0.2436i

49.8	−0.0231+0.2990i	1.0350+0.6255i	0.6285+0.5098i	0.5032+0.6263i	−0.2226−0.3956i	−0.5284−2.4211i	0.6106+0.8300i	0.1166+0.2368i
49.9	−0.0237+0.2832i	1.0578+0.5886i	0.6511+0.5769i	0.5238+0.6406i	−0.2227−0.3943i	−0.7310−2.6322i	0.6278+0.8306i	0.1180+0.2250i
50.0	−0.0349+0.2767i	1.0561+0.5869i	0.6685+0.6273i	0.5440+0.6221i	−0.2204−0.3968i	−0.9522−2.5460i	0.6465+0.8136i	0.1166+0.2236i
50.1	−0.0392+0.2884i	1.0930+0.5542i	0.7123+0.6129i	0.5590+0.6061i	−0.2189−0.3974i	−1.0136−2.4360i	0.6585+0.7880i	0.1146+0.2170i
50.2	−0.0477+0.3012i	1.0734+0.4837i	0.7943+0.5572i	0.5599+0.5955i	−0.2242−0.3726i	−1.0872−2.3101i	0.6490+0.7590i	0.0957+0.2107i
50.3	−0.0511+0.3116i	1.0589+0.4161i	0.8165+0.5045i	0.5522+0.5872i	−0.2245−0.3495i	−1.1092−2.2193i	0.6254+0.7421i	0.0962+0.2195i
50.4	−0.0495+0.3259i	1.0413+0.3780i	0.8809+0.4234i	0.5380+0.5823i	−0.2171−0.3590i	−1.0618−2.0719i	0.6092+0.7329i	0.1133+0.2182i
50.5	−0.0417+0.3382i	1.0466+0.4303i	0.9028+0.3810i	0.5159+0.5954i	−0.2181−0.3645i	−0.8112−2.0762i	0.5893+0.7486i	0.1048+0.2287i
50.6	−0.0267+0.3355i	1.1056+0.4082i	0.7779+0.4585i	0.5298+0.6224i	−0.1913−0.3740i	−0.7884−2.3941i	0.6119+0.7784i	0.1470+0.2238i
50.7	−0.0218+0.3386i	1.1157+0.3496i	0.7987+0.4475i	0.5505+0.6226i	−0.2044−0.3807i	−0.9422−2.4399i	0.6274+0.7581i	0.1443+0.1981i
50.8	−0.0024+0.3585i	1.0982+0.3130i	0.7993+0.4285i	0.5534+0.6266i	−0.1877−0.3818i	−0.9473−2.3952i	0.6232+0.7587i	0.1499+0.1997i
50.9	0.0262+0.3438i	1.1089+0.3269i	0.8640+0.4305i	0.5661+0.6462i	−0.1885−0.4215i	−0.8835−2.5577i	0.6327+0.7617i	0.1513+0.1610i
51.0	0.0215+0.3293i	1.1181+0.2661i	0.8731+0.3738i	0.6006+0.6465i	−0.2214−0.4182i	−1.1140−2.6132i	0.6466+0.7535i	0.1169+0.1514i
51.1	0.0286+0.3409i	1.0908+0.1867i	0.8419+0.4178i	0.6243+0.6381i	−0.2229−0.4150i	−1.2148−2.5636i	0.6521+0.7397i	0.1112+0.1448i
51.2	0.0473+0.3325i	1.0627+0.1551i	0.8779+0.4586i	0.6407+0.6324i	−0.2417−0.4282i	−1.3243−2.5686i	0.6517+0.7324i	0.0897+0.1270i
51.3	0.0517+0.3283i	1.0261+0.1469i	0.9706+0.4041i	0.6582+0.6080i	−0.2776−0.3946i	−1.3622−2.3617i	0.6691+0.7300i	0.0554+0.1765i
51.4	0.0534+0.3288i	1.0299+0.1016i	0.9531+0.3355i	0.6655+0.6121i	−0.2564−0.3935i	−1.3190−2.4003i	0.6754+0.7299i	0.0775+0.1780i
51.5	0.0521+0.3303i	1.0126+0.0567i	0.9163+0.3393i	0.6809+0.6111i	−0.2521−0.4076i	−1.3499−2.4172i	0.6803+0.7247i	0.0747+0.1531i
51.6	0.0635+0.3256i	0.9783−0.0033i	0.9231+0.4167i	0.7034+0.5921i	−0.2787−0.4141i	−1.4212−2.4367i	0.6900+0.7072i	0.0541+0.1404i
51.7	0.0846+0.3073i	0.9161−0.0061i	0.9940+0.4331i	0.7210+0.5615i	−0.3042−0.3986i	−1.4857−2.3627i	0.7001+0.6846i	0.0207+0.1659i
51.8	0.1018+0.2948i	0.8886+0.0038i	0.9935+0.3832i	0.7251+0.5425i	−0.2947−0.3870i	−1.4663−2.3588i	0.7019+0.6785i	0.0279+0.1940i
51.9	0.0913+0.2882i	0.8760−0.0113i	0.9384+0.3129i	0.7283+0.5250i	−0.2982−0.3830i	−1.5507−2.3763i	0.7042+0.6732i	0.0452+0.2040i
52.0	0.0965+0.2799i	0.8642−0.0343i	0.9754+0.3250i	0.7314+0.5024i	−0.3065−0.3543i	−1.5833−2.3253i	0.7128+0.6536i	0.0588+0.2152i
52.1	0.0943+0.2581i	0.8308−0.0778i	1.0712+0.3096i	0.7149+0.4798i	−0.2993−0.3501i	−1.6027−2.2436i	0.7043+0.6256i	0.0794+0.1983i
52.2	0.0950+0.2380i	0.7914−0.0604i	1.0754+0.2664i	0.7053+0.4840i	−0.3033−0.3731i	−1.5378−2.2623i	0.6955+0.6153i	0.0621+0.1709i
52.3	0.0865+0.2192i	0.7827−0.0557i	1.0233+0.2422i	0.7381+0.4671i	−0.3296−0.3896i	−1.7012−2.3577i	0.7140+0.6071i	0.0300+0.1788i
52.4	0.0705+0.2347i	0.7695−0.0798i	0.9833+0.2692i	0.7337+0.4429i	−0.3419−0.3742i	−1.7356−2.2388i	0.7072+0.5911i	0.0341+0.1992i
52.5	0.0843+0.2463i	0.7549−0.0897i	1.0419+0.4017i	0.7229+0.4313i	−0.3379−0.3553i	−1.6801−2.2045i	0.7000+0.5785i	0.0530+0.1997i
52.6	0.0868+0.2254i	0.7185−0.1036i	1.1568+0.3529i	0.7153+0.4293i	−0.3428−0.3769i	−1.7042−2.2320i	0.6926+0.5723i	0.0535+0.1664i
52.7	0.0691+0.2189i	0.6737−0.0900i	1.1467+0.2715i	0.7089+0.4330i	−0.3931−0.4096i	−1.6997−2.2400i	0.6730+0.5683i	−0.0099+0.1493i
52.8	0.0874+0.2134i	0.6575−0.0708i	1.1088+0.2943i	0.7248+0.4170i	−0.4285−0.3886i	−1.7162−2.2977i	0.6678+0.5749i	−0.0532+0.1960i
52.9	0.1009+0.1986i	0.6526−0.0660i	1.1233+0.2902i	0.7269+0.3917i	−0.4226−0.3436i	−1.7825−2.3235i	0.6668+0.5758i	−0.0323+0.2479i
53.0	0.0701+0.1602i	0.6956−0.0916i	1.1987+0.3865i	0.7055+0.3746i	−0.4230−0.3447i	−1.9096−2.4215i	0.6766+0.5755i	0.0290+0.2555i
53.1	0.0375+0.1385i	0.6873−0.1533i	1.2653+0.4491i	0.6960+0.3594i	−0.4542−0.3723i	−2.1085−2.4403i	0.6881+0.5615i	0.0365+0.2106i
53.2	0.0099+0.1395i	0.6203−0.2178i	1.3867+0.5038i	0.6882+0.3551i	−0.4973−0.3770i	−2.2971−2.4025i	0.6957+0.5485i	0.0008+0.1652i
53.3	−0.0159+0.1633i	0.5369−0.1912i	1.5886+0.3834i	0.6855+0.3473i	−0.5672−0.3303i	−2.4630−2.1867i	0.6851+0.5426i	−0.0865+0.1957i
53.4	−0.0033+0.1905i	0.4948−0.1158i	1.5594+0.2295i	0.6900+0.3284i	−0.5845−0.2019i	−2.3693−1.9768i	0.6668+0.5536i	−0.1060+0.3485i
53.5	−0.0070+0.1562i	0.5764−0.0871i	1.6392+0.2571i	0.6476+0.3080i	−0.4730−0.1739i	−2.3069−2.1143i	0.6784+0.5589i	0.0689+0.3957i
53.6	−0.1018+0.1713i	0.5877−0.1581i	1.8533+0.1091i	0.5959+0.3401i	−0.4901−0.2387i	−2.6029−1.9827i	0.6729+0.5349i	0.0763+0.2567i
53.7	−0.1052+0.2393i	0.5709−0.2002i	1.8492−0.1180i	0.5960+0.3786i	−0.5128−0.2283i	−2.6247−1.8128i	0.6684+0.5482i	0.0436+0.2371i
53.8	−0.0771+0.2884i	0.5197−0.2456i	1.8385−0.1842i	0.6068+0.4010i	−0.5102−0.2029i	−2.6144−1.7080i	0.6656+0.5502i	0.0206+0.2446i
53.9	−0.0743+0.3122i	0.4562−0.2798i	1.8832−0.3360i	0.6175+0.4171i	−0.5190−0.1892i	−2.7037−1.5739i	0.6734+0.5491i	0.0013+0.2542i
54.0	−0.0394+0.3352i	0.3745−0.3156i	1.7954−0.5271i	0.6372+0.4324i	−0.5274−0.1744i	−2.7097−1.3961i	0.6830+0.5481i	−0.0040+0.2332i
54.1	0.0177+0.3549i	0.2256−0.2722i	1.6243−0.8386i	0.6795+0.4730i	−0.5793−0.2054i	−2.5473−1.2353i	0.6895+0.5611i	−0.0755+0.1775i
54.2	0.0482+0.3384i	0.2135−0.1694i	1.3513−0.8827i	0.7334+0.4612i	−0.6542−0.1750i	−2.5094−1.3155i	0.7068+0.5687i	−0.1714+0.2268i
54.3	0.0365+0.3075i	0.2136−0.1694i	1.3477−0.8093i	0.7398+0.3957i	−0.6690−0.0537i	−2.7030−1.2068i	0.7222+0.5399i	−0.1872+0.3511i
54.4	0.0102+0.3046i	0.1553−0.1695i	1.2563−0.9101i	0.7245+0.3690i	−0.6470+0.0354i	−2.6742−0.9257i	0.7212+0.5308i	−0.1723+0.4347i
54.5	0.0149+0.3516i	0.1244−0.1045i	0.9818−1.0713i	0.7218+0.3875i	−0.6149+0.0682i	−2.4673−0.7739i	0.7202+0.5389i	−0.1388+0.4927i
54.6	0.0503+0.3669i	0.1056−0.0596i	0.8059−0.9917i	0.7343+0.3869i	−0.5584+0.0879i	−2.2858−0.7670i	0.7267+0.5329i	−0.1007+0.5151i
54.7	0.0902+0.3629i	0.0843−0.0165i	0.5978−0.7779i	0.7556+0.3705i	−0.5415+0.1138i	−2.1750−0.8397i	0.7397+0.5307i	−0.0749+0.5498i
54.8	0.1125+0.3403i	0.0548+0.0432i	0.4946−0.5727i	0.7652+0.3462i	−0.5172+0.1481i	−2.1593−0.8833i	0.7527+0.5183i	−0.0506+0.5924i
54.9	0.1135+0.3194i	0.0252+0.1054i	0.4535−0.4452i	0.7669+0.3208i	−0.4777+0.1770i	−2.1661−0.8527i	0.7623+0.5069i	−0.0275+0.6365i
55.0	0.1183+0.3032i	0.0457+0.1745i	0.4173−0.2866i	0.7665+0.2978i	−0.4428+0.2063i	−2.1138−0.8244i	0.7707+0.4992i	0.0234+0.6836i
55.1	0.1154+0.3118i	0.0942+0.2225i	0.5487−0.1653i	0.7463+0.2945i	−0.3907+0.2075i	−2.0538−0.8026i	0.7679+0.4874i	0.0973+0.6949i
55.2	0.1091+0.3097i	0.1235+0.2435i	0.6492−0.0408i	0.7167+0.2849i	−0.3364+0.1829i	−2.0366−0.8410i	0.7660+0.4698i	0.1616+0.6762i
55.3	0.1290+0.3092i	0.1296+0.2519i	0.6298−0.0449i	0.7218+0.2788i	−0.3103+0.1892i	−1.9957−0.8069i	0.7749+0.4555i	0.2125+0.6748i
55.4	0.1519+0.3202i	0.1323+0.2975i	0.6729−0.0325i	0.7251+0.2917i	−0.3041+0.1429i	−1.9150−0.8046i	0.7689+0.4450i	0.2340+0.6254i
55.5	0.1644+0.3249i	0.1685+0.3450i	0.7476−0.0287i	0.7297+0.2965i	−0.3394+0.1294i	−1.9102−0.8697i	0.7636+0.4464i	0.2051+0.6275i
55.6	0.1698+0.3248i	0.2487+0.3630i	0.7570−0.0741i	0.7254+0.2783i	−0.3463+0.1881i	−1.9680−0.8682i	0.7660+0.4412i	0.2397+0.7160i
55.7	0.1893+0.3152i	0.3098+0.3577i	0.7470−0.0364i	0.7233+0.2543i	−0.3127+0.2289i	−1.9815−0.8275i	0.7741+0.4337i	0.3314+0.7519i
55.8	0.2110+0.3043i	0.3512+0.3359i	0.8266−0.1313i	0.7213+0.2550i	−0.2762+0.2333i	−1.9515−0.7950i	0.7697+0.4361i	0.4031+0.7340i
55.9	0.2224+0.2865i	0.3635+0.3206i	0.8646−0.1396i	0.7082+0.2606i	−0.2322+0.2230i	−1.9275−0.7806i	0.7788+0.4319i	0.4589+0.6980i
56.0	0.2345+0.2688i	0.3864+0.2879i	0.8806−0.0655i	0.7044+0.2533i	−0.2161+0.2180i	−1.9335−0.8072i	0.7871+0.4241i	0.5015+0.6665i

56.1	0.2370+0.2502i	0.3998+0.2524i	0.9688-0.1196i	0.7081+0.2483i	-0.2151+0.2232i	-1.9751-0.8040i	0.7889+0.4139i	0.5196+0.6479i
56.2	0.2403+0.2246i	0.4006+0.2147i	0.8774-0.1299i	0.7071+0.2366i	-0.1766+0.2464i	-1.9327-0.7677i	0.7913+0.4111i	0.5656+0.6350i
56.3	0.2324+0.2073i	0.4027+0.1884i	0.8837-0.1129i	0.6920+0.2327i	-0.1423+0.2494i	-1.9113-0.7625i	0.7922+0.4042i	0.6037+0.5997i
56.4	0.2257+0.1994i	0.3805+0.1474i	0.8476-0.1015i	0.6809+0.2280i	-0.1106+0.2499i	-1.9187-0.7642i	0.7961+0.3899i	0.6373+0.5719i
56.5	0.2286+0.1904i	0.3524+0.1445i	0.8647-0.0112i	0.6811+0.2331i	-0.0718+0.2341i	-1.9147-0.7464i	0.8045+0.3805i	0.6712+0.5366i
56.6	0.2283+0.1799i	0.3347+0.1248i	0.8819-0.0771i	0.6826+0.2280i	-0.0584+0.2177i	-1.9136-0.7524i	0.8074+0.3697i	0.6828+0.5149i
56.7	0.2329+0.1607i	0.3354+0.0792i	0.8004+0.0199i	0.6866+0.2129i	-0.0405+0.2189i	-1.9186-0.7392i	0.8158+0.3466i	0.7231+0.4811i
56.8	0.2342+0.1540i	0.3141+0.0849i	0.7034-0.0370i	0.6803+0.2115i	-0.0100+0.2144i	-1.9245-0.7136i	0.8187+0.3307i	0.7644+0.4531i
56.9	0.2316+0.1458i	0.3121+0.0419i	0.7293-0.1224i	0.6770+0.2123i	0.0093+0.2096i	-1.9307-0.7085i	0.8232+0.3168i	0.7877+0.4184i
57.0	0.2284+0.1452i	0.2877+0.0202i	0.7639-0.0759i	0.6720+0.2155i	0.0295+0.1917i	-1.9194-0.6680i	0.8208+0.2954i	0.8098+0.3681i
57.1	0.2276+0.1511i	0.1911+0.0230i	0.7696+0.0152i	0.6649+0.2312i	0.0703+0.1522i	-1.9327-0.6454i	0.8116+0.2745i	0.8188+0.2988i
57.2	0.2222+0.1512i	0.1047+0.0125i	0.8144+0.0422i	0.6472+0.2392i	0.1060+0.1336i	-1.9442-0.6123i	0.8006+0.2566i	0.8346+0.2399i
57.3	0.2314+0.1409i	0.0696+0.0393i	0.7787+0.0920i	0.6511+0.2386i	0.1118+0.1200i	-1.9139-0.5815i	0.7866+0.2489i	0.8376+0.2225i
57.4	0.2360+0.1341i	0.0228+0.0652i	0.7689+0.1262i	0.6586+0.2398i	0.1237+0.0881i	-1.8916-0.5654i	0.7681+0.2392i	0.8198+0.1844i
57.5	0.2436+0.1316i	-0.0047+0.1039i	0.8176+0.0543i	0.6636+0.2403i	0.1304+0.0580i	-1.8568-0.5446i	0.7598+0.2337i	0.8164+0.1562i
57.6	0.2476+0.1227i	-0.0443+0.1771i	0.8870+0.1852i	0.6617+0.2431i	0.1430+0.0161i	-1.8374-0.5221i	0.7402+0.2304i	0.8109+0.1054i
57.7	0.2466+0.1080i	-0.0740+0.1872i	0.7758+0.1825i	0.6665+0.2407i	0.1559+0.0050i	-1.8504-0.5186i	0.7355+0.2280i	0.8201+0.0617i
57.8	0.2439+0.0946i	-0.0830+0.2224i	0.7609+0.1277i	0.6633+0.2446i	0.1508-0.0113i	-1.8196-0.5058i	0.7247+0.2301i	0.8118+0.0410i
57.9	0.2364+0.0812i	-0.0970+0.2720i	0.7947+0.1344i	0.6580+0.2518i	0.1461-0.0509i	-1.7616-0.5143i	0.7020+0.2337i	0.7720+0.0145i
58.0	0.2439+0.0766i	-0.1570+0.3157i	0.8596+0.3847i	0.6696+0.2579i	0.1535-0.0940i	-1.7804-0.5677i	0.7045+0.2361i	0.7727-0.0255i
58.1	0.2475+0.0720i	-0.2424+0.4197i	0.8936+0.3974i	0.6766+0.2631i	0.1554-0.1346i	-1.8308-0.5491i	0.7073+0.2345i	0.7544-0.0682i
58.2	0.2371+0.0642i	-0.2548+0.5489i	0.8785+0.4162i	0.6870+0.2587i	0.1133-0.1476i	-1.8747-0.4964i	0.6944+0.2394i	0.6958-0.0698i
58.3	0.2467+0.0558i	-0.1588+0.5907i	0.9454+0.5439i	0.6833+0.2354i	0.1266-0.0904i	-1.8173-0.4271i	0.6913+0.2406i	0.7377+0.0017i
58.4	0.2568+0.0410i	-0.1445+0.6206i	0.9980+0.5998i	0.6713+0.2428i	0.1862-0.1433i	-1.7630-0.4266i	0.6981+0.2434i	0.8145-0.0665i
58.5	0.2573+0.0295i	-0.1345+0.6367i	1.0251+0.6823i	0.6837+0.2482i	0.1739-0.1972i	-1.7613-0.4287i	0.6998+0.2314i	0.8102-0.1411i
58.6	0.2316+0.0108i	-0.1131+0.6838i	1.0202+0.7013i	0.6794+0.2476i	0.1501-0.2276i	-1.7692-0.4175i	0.6862+0.2283i	0.7715-0.1905i
58.7	0.2180-0.0206i	-0.0181+0.7538i	1.1274+0.5851i	0.6814+0.2402i	0.1061-0.2547i	-1.7478-0.4125i	0.6787+0.2236i	0.7399-0.2283i
58.8	0.2052-0.0251i	0.0365+0.8063i	1.2627+0.6200i	0.6857+0.2462i	0.0745-0.2826i	-1.7242-0.3870i	0.6745+0.2286i	0.6970-0.2633i
58.9	0.1918-0.0180i	0.1001+0.7749i	1.1718+0.6030i	0.6906+0.2447i	0.0357-0.2766i	-1.6993-0.3828i	0.6688+0.2251i	0.6612-0.2601i
59.0	0.1850-0.0418i	0.1073+0.8096i	1.1731+0.6152i	0.6836+0.2456i	0.0281-0.2806i	-1.6999-0.3846i	0.6590+0.2221i	0.6551-0.3021i
59.1	0.1792-0.0430i	0.1011+0.8203i	1.3224+0.6251i	0.6866+0.2521i	0.0211-0.2809i	-1.7011-0.3766i	0.6497+0.2323i	0.6231-0.3165i
59.2	0.1784-0.0285i	0.1348+0.8104i	1.4239+0.6561i	0.6948+0.2564i	0.0056-0.2888i	-1.6469-0.3713i	0.6392+0.2451i	0.5941-0.3243i
59.3	0.1724-0.0261i	0.1382+0.7751i	1.4341+0.7406i	0.6910+0.2533i	0.0020-0.2791i	-1.6288-0.3745i	0.6334+0.2427i	0.5813-0.3253i
59.4	0.1709-0.0286i	0.1316+0.7745i	1.6067+0.6319i	0.6949+0.2557i	-0.0022-0.2728i	-1.6371-0.3832i	0.6368+0.2448i	0.5624-0.3298i
59.5	0.1703-0.0412i	0.1177+0.8260i	1.7267+0.7433i	0.7039+0.2522i	-0.0028-0.2847i	-1.6127-0.3695i	0.6332+0.2471i	0.5371-0.3467i
59.6	0.1724-0.0628i	0.1279+0.8677i	1.6186+0.6235i	0.7129+0.2501i	-0.0085-0.2924i	-1.6107-0.3728i	0.6325+0.2591i	0.5129-0.3659i
59.7	0.1805-0.0686i	0.1302+0.8925i	1.6845+0.5536i	0.7197+0.2487i	-0.0138-0.2986i	-1.6091-0.4005i	0.6344+0.2600i	0.5093-0.3782i
59.8	0.1678-0.0859i	0.1542+0.9273i	1.7594+0.6018i	0.7205+0.2458i	-0.0246-0.2934i	-1.6015-0.4106i	0.6354+0.2674i	0.4863-0.3724i
59.9	0.1623-0.0995i	0.1682+0.9463i	1.7372+0.5618i	0.7207+0.2399i	-0.0310-0.2928i	-1.5744-0.4159i	0.6444+0.2970i	0.4386-0.3795i
60.0	0.1480-0.0985i	0.2031+0.9952i	1.7515+0.4593i	0.7179+0.2456i	-0.0353-0.3117i	-1.5765-0.4322i	0.6212+0.2956i	0.4572-0.4092i
60.1	0.1318-0.0992i	0.2372+1.0350i	1.7600+0.4769i	0.7241+0.2478i	-0.0372-0.3286i	-1.5821-0.4308i	0.6499+0.2940i	0.4260-0.3832i
60.2	0.1132-0.1051i	0.2488+1.1051i	1.8415+0.4312i	0.7251+0.2499i	-0.0299-0.3575i	-1.6017-0.4113i	0.6500+0.3008i	0.4208-0.4193i
60.3	0.0989-0.1063i	0.2512+1.1547i	1.8684+0.4293i	0.7238+0.2604i	-0.0314-0.3800i	-1.6183-0.4162i	0.6483+0.3089i	0.4096-0.4401i
60.4	0.0920-0.1150i	0.2891+1.2089i	1.8862+0.4561i	0.7269+0.2678i	-0.0476-0.4015i	-1.6142-0.4217i	0.6437+0.3166i	0.4005-0.4638i
60.5	0.0799-0.1206i	0.3871+1.3188i	1.9038+0.4405i	0.7319+0.2762i	-0.0772-0.4452i	-1.6177-0.4198i	0.6433+0.3214i	0.3572-0.5020i
60.6	0.0575-0.1097i	0.5098+1.3903i	1.7930+0.4061i	0.7422+0.2858i	-0.1179-0.4819i	-1.6431-0.4019i	0.6443+0.3229i	0.3141-0.5263i
60.7	0.0473-0.0860i	0.6648+1.3633i	1.7390+0.4993i	0.7626+0.2905i	-0.1734-0.4854i	-1.6560-0.3984i	0.6510+0.3247i	0.2763-0.5237i
60.8	0.0446-0.0890i	0.7727+1.2554i	1.8622+0.5607i	0.7770+0.2779i	-0.2265-0.4599i	-1.6146-0.3684i	0.6707+0.3384i	0.2060-0.4928i
60.9	0.0645-0.0884i	0.8617+1.1912i	1.9478+0.6538i	0.7941+0.2635i	-0.2851-0.4439i	-1.6129-0.3337i	0.6716+0.3449i	0.1462-0.4895i
61.0	0.0717-0.0904i	0.8681+1.1224i	1.8695+0.7826i	0.8056+0.2572i	-0.3083-0.4149i	-1.6352-0.3349i	0.6739+0.3486i	0.1333-0.4778i
61.1	0.0595-0.1012i	0.8862+1.0664i	1.9442+0.8297i	0.8089+0.2451i	-0.3292-0.3858i	-1.6379-0.3522i	0.6849+0.3523i	0.1112-0.4402i
61.2	0.0539-0.1190i	0.9182+1.0474i	2.1666+0.5993i	0.8190+0.2308i	-0.3489-0.3596i	-1.6025-0.3378i	0.7006+0.3560i	0.0694-0.4002i
61.3	0.0431-0.1411i	0.9153+1.0319i	2.2531+0.6285i	0.8163+0.2155i	-0.3425-0.3250i	-1.6157-0.2963i	0.7039+0.3637i	0.0623-0.3815i
61.4	0.0279-0.1535i	0.9578+0.9976i	2.3012+0.9953i	0.8178+0.2088i	-0.3565-0.2967i	-1.6516-0.2896i	0.7047+0.3690i	0.0476-0.3609i
61.5	0.0023-0.1580i	0.9827+0.9629i	2.2978+0.8699i	0.8124+0.2039i	-0.3576-0.2834i	-1.6148-0.2924i	0.7238+0.3683i	0.0408-0.3348i
61.6	-0.0188-0.1746i	0.9960+0.9047i	2.4537+0.9731i	0.8143+0.1940i	-0.3534-0.2518i	-1.5863-0.2796i	0.7347+0.3823i	0.0323-0.3036i
61.7	-0.0356-0.1873i	0.9952+0.8569i	2.5424+0.8920i	0.8126+0.1895i	-0.3460-0.2230i	-1.5910-0.2739i	0.7450+0.3903i	0.0334-0.2785i
61.8	-0.0648-0.1862i	0.9934+0.8369i	2.4239+0.6429i	0.8108+0.1848i	-0.3354-0.2119i	-1.5693-0.3130i	0.7628+0.3905i	0.0383-0.2684i
61.9	-0.1186-0.1815i	0.9784+0.8094i	2.3307+0.4396i	0.7935+0.1758i	-0.3139-0.2016i	-1.5532-0.3049i	0.7898+0.3899i	0.0461-0.2446i
62.0	-0.1452-0.1804i	0.9558+0.8033i	2.6167+0.6171i	0.7841+0.1723i	-0.2999-0.2003i	-1.5632-0.2751i	0.8117+0.3893i	0.0426-0.2243i
62.1	-0.1655-0.1618i	0.9500+0.8069i	2.7461+0.5556i	0.7780+0.1798i	-0.2924-0.2047i	-1.5521-0.2911i	0.8207+0.3772i	0.0432-0.2165i
62.2	-0.1767-0.1339i	0.9280+0.7986i	2.6026+0.6135i	0.7785+0.1843i	-0.2832-0.2082i	-1.5790-0.3113i	0.8247+0.3637i	0.0575-0.2043i
62.3	-0.1948-0.1164i	0.9378+0.8244i	2.8311+0.7271i	0.7762+0.1797i	-0.2790-0.2184i	-1.5613-0.2817i	0.8424+0.3548i	0.0485-0.1966i

62.4	-0.2106-0.1134i	0.9465+0.8475i	2.9023+0.5282i	0.7712+0.1824i	-0.2764-0.2196i	-1.5354-0.2775i	0.8512+0.3525i	0.0544-0.2028i
62.5	-0.2398-0.0966i	0.9526+0.8508i	2.6279+0.2954i	0.7665+0.1870i	-0.2751-0.2252i	-1.5173-0.2852i	0.8670+0.3474i	0.0595-0.1972i
62.6	-0.2680-0.0785i	0.9649+0.8423i	2.5676+0.1882i	0.7601+0.1902i	-0.2707-0.2279i	-1.5224-0.2665i	0.8834+0.3349i	0.0657-0.1846i
62.7	-0.2805-0.0397i	0.9928+0.8711i	2.6469+0.3708i	0.7580+0.1911i	-0.2726-0.2413i	-1.5251-0.2638i	0.8939+0.3180i	0.0732-0.1931i
62.8	-0.2967-0.0113i	1.0093+0.8844i	2.7696+0.4709i	0.7530+0.1982i	-0.2721-0.2450i	-1.5094-0.2611i	0.9064+0.3087i	0.0765-0.1860i
62.9	-0.3181+0.0230i	1.0590+0.8862i	2.6972+0.2440i	0.7506+0.2084i	-0.2838-0.2545i	-1.5066-0.2651i	0.9073+0.2826i	0.0761-0.1935i
63.0	-0.3285+0.0577i	1.0971+0.8722i	2.5576+0.2125i	0.7503+0.2174i	-0.2992-0.2618i	-1.5295-0.2663i	0.9143+0.2682i	0.0769-0.1916i
63.1	-0.3408+0.0957i	1.1178+0.8786i	2.6993+0.3247i	0.7478+0.2322i	-0.3013-0.2729i	-1.4963-0.2847i	0.9248+0.2586i	0.0747-0.1784i
63.2	-0.3308+0.1377i	1.1572+0.8708i	2.8220+0.3834i	0.7512+0.2475i	-0.3161-0.2812i	-1.4723-0.2977i	0.9268+0.2410i	0.0739-0.1738i
63.3	-0.3350+0.1781i	1.1863+0.8679i	2.6467+0.4805i	0.7450+0.2620i	-0.3256-0.2772i	-1.4682-0.2686i	0.9274+0.2268i	0.0823-0.1898i
63.4	-0.3474+0.2244i	1.2054+0.8567i	2.7746+0.5601i	0.7459+0.2788i	-0.3322-0.2773i	-1.4706-0.2860i	0.9313+0.2067i	0.0784-0.1987i
63.5	-0.3238+0.2573i	1.2296+0.8311i	2.9940+0.8430i	0.7521+0.2943i	-0.3494-0.2711i	-1.4549-0.2947i	0.9240+0.1930i	0.0717-0.1916i
63.6	-0.3043+0.2913i	1.2472+0.8133i	2.9913+0.6689i	0.7588+0.3041i	-0.3541-0.2752i	-1.4443-0.2857i	0.9238+0.1834i	0.0644-0.1920i
63.7	-0.2856+0.3379i	1.2633+0.7931i	3.1097+0.3560i	0.7665+0.3223i	-0.3662-0.2735i	-1.4432-0.3108i	0.9254+0.1702i	0.0584-0.1933i
63.8	-0.2577+0.3841i	1.2758+0.7971i	3.0448+0.5286i	0.7824+0.3485i	-0.3829-0.2767i	-1.4569-0.3365i	0.9260+0.1527i	0.0606-0.2018i
63.9	-0.2148+0.3958i	1.3233+0.8016i	3.0734+0.3456i	0.8060+0.3623i	-0.4022-0.2750i	-1.4613-0.3666i	0.9062+0.1425i	0.0546-0.2068i
64.0	-0.1831+0.4199i	1.3527+0.7867i	2.9049+0.4631i	0.8283+0.3773i	-0.4123-0.2673i	-1.4837-0.3694i	0.8913+0.1430i	0.0459-0.2018i
64.1	-0.1428+0.4466i	1.3562+0.7587i	2.6272+0.6818i	0.8475+0.3832i	-0.4157-0.2620i	-1.4868-0.3442i	0.8907+0.1388i	0.0353-0.1972i
64.2	-0.1000+0.4647i	1.3951+0.7329i	3.3405+0.8854i	0.8783+0.3823i	-0.4275-0.2460i	-1.4969-0.3372i	0.8811+0.1354i	0.0200-0.1945i
64.3	-0.0508+0.4588i	1.4376+0.6626i	3.6602+1.1041i	0.9108+0.3833i	-0.4415-0.2207i	-1.5176-0.3501i	0.8685+0.1333i	0.0187-0.1870i
64.4	0.0118+0.4393i	1.4730+0.6195i	3.6401+0.7895i	0.9422+0.3781i	-0.4636-0.1997i	-1.5257-0.3676i	0.8552+0.1473i	0.0196-0.1630i
64.5	0.0425+0.4321i	1.4808+0.6129i	3.6573+0.4248i	0.9487+0.3737i	-0.4704-0.1949i	-1.5236-0.3565i	0.8484+0.1642i	0.0045-0.1598i
64.6	0.0767+0.4107i	1.4762+0.5431i	4.1519+0.4213i	0.9764+0.3556i	-0.4673-0.1794i	-1.5366-0.3637i	0.8512+0.1641i	-0.0001-0.1454i
64.7	0.0954+0.3819i	1.4714+0.5036i	4.1997+0.1958i	0.9913+0.3389i	-0.4641-0.1628i	-1.5595-0.3356i	0.8380+0.1760i	-0.0015-0.1346i
64.8	0.0983+0.3704i	1.4528+0.5035i	3.9695+0.3926i	0.9947+0.3351i	-0.4584-0.1590i	-1.5680-0.3367i	0.8395+0.1781i	0.0035-0.1297i
64.9	0.1145+0.3674i	1.4327+0.5069i	3.9616+0.3985i	1.0070+0.3396i	-0.4574-0.1624i	-1.5709-0.3585i	0.8483+0.1705i	0.0031-0.1273i
65.0	0.1253+0.3603i	1.4341+0.4916i	4.5259-0.1553i	1.0121+0.3323i	-0.4543-0.1561i	-1.5878-0.3214i	0.8595+0.1861i	0.0118-0.1220i
65.1	0.1384+0.3308i	1.4247+0.4796i	4.3042-0.5696i	1.0108+0.3312i	-0.4479-0.1442i	-1.5878-0.3282i	0.8694+0.1928i	0.0101-0.1091i
65.2	0.1535+0.3087i	1.4272+0.4824i	4.1942-0.0475i	1.0286+0.3294i	-0.4523-0.1394i	-1.6029-0.3573i	0.8813+0.1874i	0.0190-0.1003i
65.3	0.1526+0.3077i	1.4340+0.4867i	4.3259-0.3980i	1.0318+0.3258i	-0.4567-0.1442i	-1.6002-0.3477i	0.8902+0.1955i	0.0247-0.1090i
65.4	0.1571+0.2899i	1.4562+0.4853i	4.2677-0.0778i	1.0448+0.3347i	-0.4615-0.1389i	-1.6001-0.3421i	0.9069+0.1991i	0.0339-0.1009i
65.5	0.1606+0.2959i	1.4663+0.4793i	4.1764+0.4760i	1.0620+0.3412i	-0.4585-0.1412i	-1.5975-0.3266i	0.9215+0.1989i	0.0309-0.1017i
65.6	0.1605+0.3088i	1.4583+0.4505i	4.3896-0.6244i	1.0636+0.3451i	-0.4543-0.1470i	-1.5749-0.3181i	0.9313+0.1914i	0.0283-0.1114i
65.7	0.1857+0.2939i	1.5008+0.4587i	4.2725-0.6406i	1.0933+0.3482i	-0.4695-0.1520i	-1.5816-0.3563i	0.9374+0.1826i	0.0258-0.1132i
65.8	0.2053+0.2965i	1.5233+0.4575i	3.9303-0.4312i	1.1156+0.3456i	-0.4850-0.1539i	-1.5994-0.3432i	0.9420+0.1808i	0.0202-0.1154i
65.9	0.2182+0.2766i	1.5338+0.4414i	4.5537-0.5043i	1.1301+0.3312i	-0.4923-0.1404i	-1.5967-0.3432i	0.9548+0.1602i	0.0135-0.1167i
66.0	0.2255+0.2605i	1.5571+0.4497i	4.9375-0.7454i	1.1419+0.3277i	-0.5115-0.1415i	-1.5924-0.3518i	0.9588+0.1482i	0.0162-0.1121i
66.1	0.2505+0.2514i	1.5964+0.4364i	4.3329-0.3967i	1.1592+0.3236i	-0.5331-0.1445i	-1.6070-0.3463i	0.9748+0.1453i	0.0180-0.0986i
66.2	0.2544+0.2268i	1.6383+0.4152i	4.2957-0.4055i	1.1801+0.3146i	-0.5456-0.1293i	-1.6475-0.3586i	0.9793+0.1316i	0.0106-0.0949i
66.3	0.2428+0.2167i	1.6417+0.3853i	4.7331-1.1140i	1.1818+0.3080i	-0.5477-0.1122i	-1.6611-0.3640i	0.9794+0.1243i	0.0107-0.1036i
66.4	0.2463+0.2070i	1.6599+0.3366i	5.3651-1.0321i	1.1868+0.3103i	-0.5525-0.0933i	-1.6301-0.3577i	0.9941+0.1289i	0.0116-0.0971i
66.5	0.2646+0.2021i	1.6852+0.3033i	5.3357-1.4129i	1.2066+0.2938i	-0.5701-0.0799i	-1.6587-0.3555i	0.9906+0.1192i	0.0078-0.0888i
66.6	0.2591+0.1994i	1.6967+0.2708i	5.0751-1.6544i	1.2153+0.2959i	-0.5723-0.0660i	-1.6653-0.3619i	0.9917+0.1105i	0.0098-0.0804i
66.7	0.2632+0.1815i	1.7272+0.2311i	4.6889-0.8234i	1.2328+0.2959i	-0.5882-0.0449i	-1.6719-0.3721i	0.9949+0.1038i	0.0188-0.0747i
66.8	0.2659+0.1609i	1.7352+0.2127i	4.2524-1.6579i	1.2336+0.2900i	-0.5975-0.0299i	-1.6805-0.3596i	0.9972+0.0889i	0.0126-0.0809i
66.9	0.2699+0.1725i	1.7593+0.1658i	4.7484-1.0983i	1.2488+0.2957i	-0.6125-0.0171i	-1.6769-0.3371i	1.0076+0.0869i	0.0185-0.0750i
67.0	0.2712+0.1679i	1.7787+0.1420i	4.1146-1.2226i	1.2655+0.2973i	-0.6110-0.0014i	-1.7259-0.3515i	1.0099+0.0809i	0.0236-0.0730i
67.1	0.2714+0.1402i	1.7930+0.0807i	4.9633-0.9733i	1.2815+0.2833i	-0.6220+0.0251i	-1.7302-0.3532i	1.0132+0.0669i	0.0170-0.0714i
67.2	0.2722+0.1229i	1.7987+0.0241i	5.4855-0.8838i	1.2943+0.2818i	-0.6286+0.0492i	-1.7176-0.3683i	1.0189+0.0685i	0.0199-0.0659i
67.3	0.2730+0.1308i	1.8002-0.0314i	4.9120-1.6582i	1.3048+0.2818i	-0.6319+0.0715i	-1.7422-0.3448i	1.0203+0.0641i	0.0244-0.0651i
67.4	0.2743+0.1333i	1.8008-0.0672i	3.9932-1.2407i	1.3181+0.2894i	-0.6314+0.0924i	-1.7728-0.3364i	1.0255+0.0518i	0.0273-0.0665i
67.5	0.2663+0.1239i	1.7975-0.1170i	3.5817-1.2310i	1.3407+0.2972i	-0.6279+0.1147i	-1.7968-0.3668i	1.0395+0.0438i	0.0269-0.0625i
67.6	0.2632+0.1169i	1.7817-0.1741i	3.7087-0.9946i	1.3581+0.3050i	-0.6234+0.1488i	-1.8097-0.3656i	1.0447+0.0350i	0.0278-0.0616i
67.7	0.2594+0.1042i	1.7676-0.2396i	4.0594-0.5134i	1.3875+0.3079i	-0.6082+0.1879i	-1.8253-0.3670i	1.0504+0.0207i	0.0257-0.0669i
67.8	0.2532+0.1086i	1.7057-0.3196i	3.6797-0.3279i	1.4153+0.2965i	-0.5762+0.2143i	-1.8613-0.3528i	1.0382-0.0040i	0.0305-0.0643i
67.9	0.2767+0.1038i	1.6583-0.3576i	3.8001+0.2500i	1.4510+0.2982i	-0.5630+0.2278i	-1.8895-0.3671i	1.0312-0.0213i	0.0288-0.0621i
68.0	0.2805+0.1077i	1.6003-0.3846i	3.6867-0.3089i	1.4735+0.2936i	-0.5429+0.2350i	-1.9405-0.3643i	1.0190-0.0199i	0.0333-0.0590i
68.1	0.2899+0.0994i	1.5282-0.4133i	3.5897-0.6732i	1.4878+0.2558i	-0.5197+0.2436i	-1.9747-0.3285i	1.0162-0.0354i	0.0353-0.0613i
68.2	0.3103+0.0822i	1.4676-0.4175i	3.3617-0.5558i	1.5160+0.2492i	-0.5061+0.2579i	-1.9996-0.2996i	1.0088-0.0336i	0.0335-0.0641i
68.3	0.3254+0.0569i	1.4183-0.4051i	4.8373+0.7810i	1.5614+0.2635i	-0.4911+0.2672i	-1.9907-0.3351i	1.0080-0.0163i	0.0369-0.0546i
68.4	0.3204+0.0464i	1.3692-0.3967i	5.1162+0.3107i	1.5617+0.2392i	-0.4652+0.2620i	-1.9733-0.3061i	0.9958-0.0250i	0.0411-0.0548i
68.5	0.3242+0.0291i	1.3224-0.3832i	3.9980-0.0723i	1.5780+0.2135i	-0.4521+0.2615i	-2.0347-0.2758i	0.9853-0.0275i	0.0416-0.0646i
68.6	0.3315-0.0022i	1.2891-0.3726i	4.2969-0.3306i	1.6006+0.1839i	-0.4463+0.2738i	-2.0698-0.2677i	0.9990-0.0240i	0.0414-0.0680i

68.7	0.3375-0.0456i	1.2642-0.3541i	4.6278+0.0868i	1.6179+0.1667i	-0.4352+0.2906i	-2.0809-0.2422i	1.0009-0.0181i	0.0368-0.0663i
68.8	0.3255-0.0716i	1.2492-0.3268i	5.0955+0.9342i	1.6379+0.1668i	-0.4176+0.2927i	-2.0781-0.1957i	1.0039+0.0008i	0.0420-0.0641i
68.9	0.3109-0.1014i	1.2282-0.3260i	5.2877+1.4573i	1.6484+0.1665i	-0.3972+0.3051i	-2.0627-0.2012i	1.0052+0.0150i	0.0450-0.0600i
69.0	0.2794-0.1248i	1.2103-0.3201i	5.4695+1.0869i	1.6628+0.1453i	-0.3848+0.3119i	-2.1055-0.2122i	1.0140+0.0070i	0.0490-0.0584i
69.1	0.2325-0.1218i	1.1744-0.2869i	5.2274+0.5694i	1.6653+0.1243i	-0.3580+0.2987i	-2.1442-0.1655i	1.0226-0.0017i	0.0479-0.0590i
69.2	0.1922-0.1282i	1.1328-0.2608i	6.0967+1.2666i	1.6924+0.1326i	-0.3189+0.2971i	-2.1315-0.1591i	1.0368+0.0150i	0.0515-0.0602i
69.3	0.1803-0.1249i	1.1029-0.2163i	6.4270+1.5787i	1.6984+0.1356i	-0.3076+0.2770i	-2.1166-0.1498i	1.0412+0.0163i	0.0566-0.0578i
69.4	0.1417-0.1036i	1.0977-0.1747i	6.0909+0.5953i	1.6908+0.1077i	-0.2936+0.2573i	-2.1279-0.0969i	1.0519-0.0094i	0.0538-0.0721i
69.5	0.0986-0.0877i	1.1629-0.1178i	6.2379+0.3720i	1.7258+0.1088i	-0.2913+0.2539i	-2.1793-0.0863i	1.0793-0.0304i	0.0555-0.0870i
69.6	0.0830-0.0612i	1.1936-0.0977i	7.0321+0.6600i	1.7494+0.1207i	-0.2974+0.2428i	-2.1849-0.1069i	1.0942-0.0403i	0.0588-0.0785i
69.7	0.0797-0.0358i	1.2233-0.1127i	8.0162+0.9413i	1.7837+0.1205i	-0.2984+0.2496i	-2.1755-0.0921i	1.1057-0.0508i	0.0697-0.0850i
69.8	0.0865+0.0016i	1.2537-0.1210i	8.5891+0.6368i	1.8250+0.1204i	-0.3036+0.2443i	-2.2039-0.1024i	1.1024-0.0694i	0.0766-0.0937i
69.9	0.0960+0.0198i	1.2530-0.1409i	9.1637+0.5007i	1.8579+0.1155i	-0.2976+0.2496i	-2.1957-0.1136i	1.1113-0.0934i	0.0696-0.1061i
70.0	0.1197+0.0359i	1.2592-0.1532i	8.6363+0.7603i	1.8916+0.1293i	-0.3003+0.2623i	-2.2323-0.0994i	1.1067-0.0893i	0.0621-0.1141i
70.1	0.1516+0.0479i	1.2662-0.1587i	8.9295+0.8481i	1.9371+0.1289i	-0.3100+0.2782i	-2.2482-0.0890i	1.1000-0.1109i	0.0624-0.1266i
70.2	0.1841+0.0598i	1.2407-0.1493i	9.9506+0.7130i	1.9797+0.1468i	-0.3104+0.2905i	-2.2322-0.1394i	1.0811-0.1253i	0.0601-0.1311i
70.3	0.1985+0.0770i	1.2219-0.1640i	9.9296+0.7947i	2.0284+0.1361i	-0.2823+0.3023i	-2.2775-0.1272i	1.0718-0.1337i	0.0389-0.1371i
70.4	0.2290+0.0773i	1.1962-0.1524i	10.6353+0.2742i	2.1066+0.1180i	-0.2624+0.3196i	-2.3454-0.1029i	1.0514-0.1328i	0.0187-0.1442i
70.5	0.2434+0.0757i	1.1839-0.1206i	10.9315-0.8101i	2.1751+0.0956i	-0.2320+0.3199i	-2.4048-0.1170i	1.0229-0.1332i	0.0021-0.1437i
70.6	0.2698+0.0668i	1.1933-0.0854i	11.2354-0.7245i	2.2603+0.0730i	-0.1980+0.3203i	-2.4409-0.1273i	1.0143-0.1033i	-0.0142-0.1367i
70.7	0.3282+0.0613i	1.1800-0.0619i	11.1266-0.4226i	2.3129+0.0611i	-0.1981+0.3087i	-2.4542-0.1016i	0.9956-0.0682i	-0.0202-0.1294i
70.8	0.3958+0.0017i	1.2488+0.0029i	11.8393+0.2705i	2.4693-0.0061i	-0.1943+0.2954i	-2.5569-0.0880i	1.0390+0.0131i	-0.0232-0.1121i
70.9	0.4225-0.0207i	1.2869+0.0151i	12.9585-1.1348i	2.5697-0.1065i	-0.1789+0.2815i	-2.7000-0.0535i	1.0817+0.0203i	-0.0258-0.1122i
71.0	0.4507-0.0764i	1.3118+0.0241i	12.8641-2.1084i	2.5969-0.2299i	-0.1926+0.2803i	-2.7316+0.0571i	1.1127+0.0362i	-0.0182-0.1169i
71.1	0.4669-0.1664i	1.3535+0.0561i	13.5318-2.4741i	2.6189-0.3267i	-0.2104+0.2941i	-2.7489+0.0659i	1.1561+0.0425i	-0.0126-0.1197i
71.2	0.4861-0.2399i	1.4292+0.0548i	14.1004-2.5391i	2.6953-0.4058i	-0.2277+0.3115i	-2.8678+0.0960i	1.2346+0.0387i	-0.0078-0.1302i
71.3	0.4564-0.3123i	1.4720+0.0166i	14.4351-2.4231i	2.7151-0.4728i	-0.2228+0.3436i	-2.9238+0.1193i	1.2825+0.0195i	-0.0080-0.1441i
71.4	0.4114-0.3980i	1.5315+0.0059i	14.3898-2.7384i	2.7078-0.5496i	-0.2049+0.3836i	-2.9561+0.1525i	1.3166-0.0253i	-0.0190-0.1580i
71.5	0.3572-0.4818i	1.5700-0.0311i	14.4583-3.4718i	2.7222-0.6485i	-0.1706+0.4441i	-3.0321+0.2435i	1.3421-0.0690i	-0.0414-0.1766i
71.6	0.3036-0.5275i	1.6024-0.0636i	14.8867-4.2211i	2.7170-0.7388i	-0.1376+0.4740i	-3.0624+0.3606i	1.3543-0.1168i	-0.0584-0.1803i
71.7	0.1976-0.5786i	1.6239-0.1062i	15.6525-5.3321i	2.6995-0.8395i	-0.0642+0.4998i	-3.0711+0.4405i	1.3555-0.1727i	-0.0792-0.1824i
71.8	0.1151-0.6269i	1.6488-0.1307i	16.2215-5.3377i	2.7412-0.8774i	0.0139+0.5306i	-3.1295+0.4663i	1.3659-0.1841i	-0.1043-0.1966i
71.9	0.0077-0.6239i	1.6637-0.1910i	16.1880-6.7880i	2.7145-1.0080i	0.0964+0.5228i	-3.1718+0.6289i	1.3596-0.2421i	-0.1302-0.1984i
72.0	-0.1276-0.6135i	1.6954-0.2672i	16.4815-8.0682i	2.7136-1.1308i	0.2071+0.4876i	-3.2199+0.7832i	1.3453-0.2809i	-0.1795-0.1798i
72.1	-0.1796-0.5425i	1.6663-0.3188i	15.3847-8.9352i	2.6444-1.1740i	0.2441+0.4189i	-3.1773+0.9104i	1.3114-0.2822i	-0.1932-0.1513i
72.2	-0.2704-0.5647i	1.6582-0.3592i	16.2448-9.1363i	2.6757-1.2276i	0.3427+0.4229i	-3.1776+0.9531i	1.3068-0.2907i	-0.2239-0.1464i
72.3	-0.3894-0.5621i	1.6018-0.4006i	16.9713-9.2980i	2.6724-1.3050i	0.4632+0.3959i	-3.0830+1.0347i	1.2977-0.3077i	-0.2601-0.1430i
72.4	-0.4450-0.4473i	1.5932-0.4422i	16.6074-10.6623i	2.6386-1.3862i	0.5029+0.2712i	-3.1095+1.1347i	1.2876-0.3178i	-0.2900-0.1029i
72.5	-0.5172-0.3427i	1.5457-0.4814i	16.9317-12.8129i	2.6066-1.5407i	0.5606+0.1387i	-3.1007+1.2958i	1.2695-0.3289i	-0.3124-0.0626i
72.6	-0.5290-0.2757i	1.5038-0.4668i	16.4338-13.0494i	2.5971-1.5738i	0.5721+0.0640i	-3.0632+1.3520i	1.2748-0.3114i	-0.3235-0.0381i
72.7	-0.5603-0.1995i	1.4489-0.4738i	16.1307-14.0378i	2.5481-1.6438i	0.5939-0.0380i	-2.9884+1.3881i	1.2682-0.3252i	-0.3400+0.0041i
72.8	-0.6091-0.1289i	1.4004-0.4766i	15.7755-15.7783i	2.4859-1.7495i	0.6212-0.1541i	-2.9466+1.4694i	1.2524-0.3269i	-0.3515+0.0420i
72.9	-0.6204-0.0580i	1.3765-0.4557i	15.6629-16.2315i	2.4786-1.8363i	0.6255-0.2568i	-2.9296+1.5553i	1.2682-0.3303i	-0.3563+0.0836i
73.0	-0.5927+0.0314i	1.3720-0.4206i	14.7224-16.4263i	2.4263-1.8666i	0.5677-0.3440i	-2.8848+1.6137i	1.2896-0.3081i	-0.3492+0.1235i
73.1	-0.6183+0.1485i	1.3388-0.3624i	14.6267-18.6583i	2.3583-1.9733i	0.5585-0.4884i	-2.8684+1.6424i	1.2916-0.3170i	-0.3470+0.1722i
73.2	-0.6249+0.2474i	1.3558-0.3228i	14.1149-19.7298i	2.3202-2.0557i	0.5431-0.6099i	-2.8436+1.6566i	1.3169-0.3200i	-0.3442+0.2230i
73.3	-0.5454+0.2912i	1.4044-0.2911i	13.4073-19.8114i	2.2825-2.0896i	0.4365-0.6724i	-2.8306+1.7098i	1.3596-0.3228i	-0.3120+0.2596i
73.4	-0.4789+0.3537i	1.4302-0.2630i	12.4114-20.6170i	2.2100-2.1254i	0.3392-0.7335i	-2.7956+1.7563i	1.3804-0.3480i	-0.2830+0.2764i
73.5	-0.4403+0.3912i	1.4535-0.2377i	11.4625-21.2376i	2.1246-2.2099i	0.2595-0.7998i	-2.7434+1.8341i	1.3834-0.3590i	-0.2521+0.3007i
73.6	-0.3811+0.4024i	1.4962-0.2213i	9.9700-21.4811i	2.0573-2.2494i	0.1772-0.8319i	-2.6959+1.8829i	1.3965-0.3628i	-0.2361+0.3202i
73.7	-0.3675+0.4453i	1.5535-0.2232i	9.5408-22.5556i	1.9761-2.3381i	0.1092-0.8984i	-2.6571+1.9458i	1.4168-0.3753i	-0.2189+0.3485i
73.8	-0.3615+0.4838i	1.6108-0.2411i	8.6349-23.1707i	1.8879-2.3480i	0.0143-0.9296i	-2.6646+1.9881i	1.4562-0.3866i	-0.1898+0.3634i
73.9	-0.3655+0.5212i	1.6449-0.2383i	7.7785-23.7341i	1.8045-2.3625i	-0.0573-0.9828i	-2.6982+1.9809i	1.4651-0.3936i	-0.1612+0.3954i
74.0	-0.3243+0.5752i	1.6768-0.2576i	6.2474-23.5701i	1.7186-2.3617i	-0.1538-1.0022i	-2.6654+2.0295i	1.4865-0.4253i	-0.1309+0.4161i
74.1	-0.2329+0.6332i	1.7061-0.3244i	4.5313-24.8196i	1.5725-2.3790i	-0.2950-0.9971i	-2.6160+2.1277i	1.4972-0.4955i	-0.0799+0.4238i
74.2	-0.2108+0.6931i	1.7363-0.3385i	3.3983-25.1461i	1.4867-2.3797i	-0.3878-1.0376i	-2.6138+2.1557i	1.5251-0.5010i	-0.0401+0.4449i
74.3	-0.1556+0.7117i	1.7784-0.3801i	2.2586-24.7184i	1.4503-2.3787i	-0.4797-1.0188i	-2.6050+2.2300i	1.5744-0.5485i	-0.0093+0.4514i
74.4	-0.1398+0.7796i	1.8250-0.3482i	1.8929-24.6608i	1.4244-2.3511i	-0.5447-1.0581i	-2.6416+2.2257i	1.6208-0.5236i	0.0218+0.4685i
74.5	-0.0766+0.7637i	1.8120-0.4298i	0.9159-24.0536i	1.3678-2.3114i	-0.6237-0.9527i	-2.6339+2.3626i	1.6024-0.6072i	0.0562+0.4426i
74.6	-0.0579+0.7996i	1.8256-0.4457i	0.3920-24.2160i	1.3281-2.3129i	-0.6699-0.9572i	-2.6112+2.4256i	1.6096-0.6312i	0.0808+0.4500i
74.7	0.0042+0.8084i	1.8274-0.4299i	-0.0269-23.3323i	1.3296-2.2493i	-0.7061-0.9383i	-2.5724+2.3934i	1.6070-0.6373i	0.0906+0.4442i
74.8	0.0973+0.8411i	1.9043-0.5235i	-1.1416-23.8229i	1.3090-2.3135i	-0.8422-0.9000i	-2.6746+2.6160i	1.6553-0.7281i	0.1297+0.4386i
74.9	0.1341+0.8527i	1.9229-0.5833i	-2.3109-24.0158i	1.2312-2.3046i	-0.9300-0.8440i	-2.6087+2.7874i	1.6725-0.7658i	0.1738+0.4300i

75.0	0.2228+0.8988i	1.9159-0.6232i	-3.6657-23.5784i	1.1831-2.2646i	-1.0014-0.8025i	-2.4899+2.8287i	1.6764-0.8462i	0.2056+0.4131i
75.1	0.3250+0.8789i	1.8933-0.6697i	-4.1383-22.4813i	1.2006-2.2486i	-1.0441-0.7218i	-2.4670+2.9708i	1.6446-0.9166i	0.2092+0.3904i
75.2	0.3915+0.9165i	1.9259-0.6929i	-4.7562-22.4127i	1.2196-2.2612i	-1.1011-0.7067i	-2.5029+3.1015i	1.6589-0.9676i	0.2319+0.3802i
75.3	0.4810+0.8724i	1.8736-0.7205i	-6.3150-21.7674i	1.1776-2.2039i	-1.1409-0.6268i	-2.4500+3.1669i	1.5876-0.9774i	0.2372+0.3557i
75.4	0.5316+0.8607i	1.8839-0.7611i	-7.2945-21.0712i	1.1425-2.1811i	-1.1972-0.5632i	-2.3892+3.2839i	1.5589-1.0264i	0.2622+0.3408i
75.5	0.5778+0.8082i	1.8587-0.8100i	-7.6604-20.6254i	1.1196-2.1923i	-1.2100-0.4749i	-2.2767+3.4172i	1.5108-1.0692i	0.2766+0.3160i
75.6	0.6623+0.8078i	1.8604-0.8200i	-8.4087-19.9445i	1.1344-2.1806i	-1.2501-0.4302i	-2.2326+3.5342i	1.4895-1.0933i	0.2765+0.3044i
75.7	0.7480+0.8380i	1.9024-0.8786i	-8.8031-19.9778i	1.1640-2.2503i	-1.3099-0.3990i	-2.2205+3.7970i	1.5054-1.1620i	0.2919+0.2972i
75.8	0.7839+0.8065i	1.8804-0.9201i	-9.0174-19.2927i	1.1262-2.2659i	-1.2977-0.3433i	-2.0351+3.9271i	1.4581-1.2009i	0.2981+0.2850i
75.9	0.8927+0.8270i	1.8981-0.9900i	-9.4611-19.1295i	1.1099-2.3277i	-1.3517-0.3105i	-1.8856+4.1527i	1.4362-1.2802i	0.3219+0.2888i
76.0	0.9914+0.7363i	1.8045-1.0351i	-10.4181-17.5568i	1.0871-2.2998i	-1.3538-0.1960i	-1.6951+4.3052i	1.3404-1.2730i	0.3110+0.2609i
76.1	1.0631+0.7345i	1.8151-1.0291i	-10.7737-16.7922i	1.1042-2.3097i	-1.3914-0.1726i	-1.5839+4.4675i	1.3335-1.2769i	0.3169+0.2685i
76.2	1.1587+0.6390i	1.7745-1.1403i	-11.3883-16.6556i	1.0190-2.4037i	-1.3962-0.0355i	-1.1634+4.7502i	1.2642-1.3526i	0.3464+0.2493i
76.3	1.2458+0.5616i	1.7316-1.1617i	-12.0737-15.6836i	0.9983-2.4200i	-1.3899+0.0386i	-0.9438+4.8711i	1.2043-1.3639i	0.3451+0.2295i
76.4	1.3455+0.4875i	1.6898-1.1644i	-12.5211-14.8073i	0.9979-2.4504i	-1.3800+0.0897i	-0.6638+4.9669i	1.1483-1.3693i	0.3326+0.2235i
76.5	1.4161+0.4092i	1.6806-1.1515i	-12.4088-13.9665i	0.9674-2.4970i	-1.3997+0.1291i	-0.4068+5.0320i	1.1128-1.3640i	0.3436+0.2274i
76.6	1.4731+0.3200i	1.6731-1.1400i	-11.9778-13.2864i	0.9106-2.5331i	-1.3968+0.1595i	-0.0172+5.0527i	1.0943-1.3467i	0.3567+0.2346i
76.7	1.5380+0.2816i	1.6749-1.1415i	-11.9544-13.0236i	0.8873-2.5903i	-1.4065+0.1824i	0.2865+5.1854i	1.0824-1.3493i	0.3633+0.2365i
76.8	1.6773+0.1590i	1.6856-1.1870i	-12.7343-12.3514i	0.8430-2.6063i	-1.4568+0.2941i	0.6177+5.2336i	1.0471-1.3511i	0.3881+0.2195i
76.9	1.7051+0.0235i	1.6727-1.1799i	-12.3031-11.3556i	0.8001-2.6550i	-1.4242+0.3397i	0.9704+5.2006i	1.0330-1.3241i	0.3906+0.2230i
77.0	1.7541-0.0948i	1.6743-1.1791i	-11.9707-10.3989i	0.7226-2.6819i	-1.4241+0.3783i	1.4326+5.1167i	1.0185-1.3110i	0.4023+0.2313i
77.1	1.7991-0.3189i	1.6297-1.1976i	-12.1945-9.4604i	0.6138-2.6368i	-1.4022+0.4933i	1.9056+4.8376i	0.9580-1.2525i	0.4185+0.2299i
77.2	1.8524-0.4553i	1.6568-1.2247i	-12.1815-9.5262i	0.5357-2.6761i	-1.4234+0.5258i	2.3555+4.6492i	0.9509-1.2435i	0.4399+0.2307i
77.3	1.7352-0.6475i	1.6214-1.2617i	-12.1775-8.8394i	0.5200-2.6192i	-1.3404+0.5948i	2.4418+4.1737i	0.9637-1.2245i	0.4496+0.2081i
77.4	1.6798-0.7400i	1.5811-1.2825i	-11.8737-8.3728i	0.4797-2.6603i	-1.2924+0.6509i	2.6473+4.1164i	0.9332-1.3052i	0.4652+0.1808i
77.5	1.6589-0.8715i	1.5852-1.1982i	-11.5862-7.9463i	0.4592-2.6808i	-1.2575+0.6669i	2.9937+3.9455i	0.9224-1.2726i	0.4738+0.1873i
77.6	1.5716-1.0156i	1.6033-1.1683i	-10.8507-7.1816i	0.3882-2.6289i	-1.2373+0.7049i	3.2537+3.5176i	0.9555-1.1864i	0.5141+0.1844i
77.7	1.5069-1.0800i	1.6618-1.1808i	-10.2775-6.8882i	0.3573-2.6220i	-1.2317+0.7238i	3.4116+3.2049i	0.9937-1.1981i	0.5404+0.1575i
77.8	1.3798-1.2618i	1.6301-1.2538i	-10.5799-6.2416i	0.2869-2.5870i	-1.1469+0.8256i	3.5268+2.6545i	0.9660-1.2015i	0.5344+0.1160i
77.9	1.2591-1.3339i	1.6543-1.2907i	-10.4187-5.9283i	0.2697-2.6035i	-1.0904+0.8511i	3.5194+2.4009i	0.9743-1.2011i	0.5250+0.1057i
78.0	1.1598-1.4476i	1.6415-1.3741i	-10.5443-5.7832i	0.1998-2.6070i	-1.0233+0.9158i	3.5798+1.9899i	0.9707-1.2370i	0.5217+0.0759i
78.1	1.0214-1.5136i	1.6222-1.4242i	-10.3195-5.5889i	0.1451-2.6022i	-0.9549+0.9273i	3.5380+1.6639i	0.9798-1.2533i	0.5216+0.0618i
78.2	0.9464-1.5884i	1.6465-1.4569i	-10.0737-5.4961i	0.1402-2.6210i	-0.9460+0.9512i	3.5518+1.4382i	1.0788-1.2583i	0.5717+0.0604i
78.3	0.8494-1.5989i	1.6244-1.4801i	-9.8404-5.1389i	0.1176-2.6199i	-0.8938+0.9432i	3.5119+1.2385i	1.1112-1.2729i	0.5789+0.0497i
78.4	0.7719-1.6891i	1.6214-1.5251i	-9.2516-4.5907i	0.1277-2.6413i	-0.8704+0.9677i	3.4439+0.9890i	1.1793-1.3005i	0.6177+0.0330i
78.5	0.6822-1.7881i	1.5648-1.6111i	-9.3084-4.6263i	0.0697-2.6551i	-0.8484+1.0423i	3.3623+0.6621i	1.2086-1.3651i	0.6450-0.0082i
78.6	0.5723-1.7756i	1.5705-1.6255i	-9.0120-4.5996i	0.0169-2.7516i	-0.8393+0.9948i	3.4079+0.6277i	1.2607-1.4572i	0.6809-0.0172i
78.7	0.4845-1.8285i	1.5824-1.6358i	-8.9887-4.0957i	0.0035-2.8622i	-0.8133+0.9856i	3.3556+0.6288i	1.3199-1.5366i	0.6954-0.0311i
78.8	0.3750-1.8810i	1.6825-1.6687i	-8.2844-3.9225i	-0.0260-3.0434i	-0.8178+0.9761i	3.5145+0.7823i	1.4496-1.6842i	0.7652-0.0535i
78.9	0.1952-1.9809i	1.7407-1.7969i	-7.6190-2.8635i	-0.3088-3.3267i	-0.8271+0.9568i	4.0986+0.7603i	1.4936-1.9014i	0.8631-0.0402i
79.0	-0.0553-2.0001i	1.5753-2.0643i	-6.1909-2.8052i	-0.9058-3.1814i	-0.8695+1.0881i	4.6157-0.4404i	1.3058-2.2111i	0.9849-0.2471i
79.1	-0.1780-1.8682i	1.3338-2.0282i	-5.6517-3.7216i	-1.0201-2.6954i	-0.8078+1.1720i	3.9938-1.3609i	1.0780-2.1799i	0.9180-0.4177i
79.2	-0.2450-1.8472i	1.2565-1.9682i	-5.8369-4.0746i	-0.9466-2.5556i	-0.7455+1.2278i	3.3960-1.5456i	0.9912-2.1708i	0.8254-0.4757i
79.3	-0.3156-1.8288i	1.2635-1.9050i	-6.0309-4.2668i	-0.8589-2.5571i	-0.6867+1.2430i	3.1079-1.3294i	1.0090-2.2090i	0.7773-0.5032i
79.4	-0.4691-1.8397i	1.1558-1.8969i	-6.1970-4.1635i	-0.9340-2.4660i	-0.5924+1.2796i	2.8436-1.4926i	0.8732-2.2166i	0.7332-0.5214i
79.5	-0.6344-1.9319i	1.1097-1.9446i	-6.3296-4.3948i	-1.0987-2.4713i	-0.5592+1.3692i	2.8089-2.0816i	0.7483-2.4090i	0.7021-0.6194i
79.6	-0.7360-1.8275i	1.1636-1.8816i	-5.3305-4.3868i	-1.1635-2.4134i	-0.5288+1.3022i	2.9995-2.1381i	0.7062-2.4463i	0.6976-0.6387i
79.7	-0.9485-1.7155i	1.1036-1.9027i	-5.0396-4.3778i	-1.2741-2.2598i	-0.3999+1.3330i	2.6104-2.2985i	0.5475-2.4716i	0.6398-0.6929i
79.8	-1.1034-1.6320i	1.0998-1.9438i	-4.9934-4.7268i	-1.3679-2.1627i	-0.3446+1.3762i	2.3863-2.6209i	0.4440-2.5690i	0.6060-0.7669i
79.9	-1.2431-1.4829i	1.1617-1.9628i	-4.4503-5.5160i	-1.4083-1.9904i	-0.3322+1.3788i	2.1743-3.0994i	0.2870-2.5976i	0.5645-0.8325i
80.0	-1.3537-1.3630i	1.0835-1.9576i	-4.4036-5.3494i	-1.4552-1.8582i	-0.2404+1.3570i	1.8787-3.1453i	0.1525-2.5404i	0.5184-0.8421i

2.1.52 Run 5 – VTC – Accels 25–32

Vertical shaking on center. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	12.6646+0.0000i	11.5779+0.0000i	--	9.3333+0.0000i	3.7603+0.0000i	14.6479+0.0000i	8.7680+0.0000i	-11.9428+0.0000i
0.1	2.1028-0.6848i	1.8566-0.6607i	--	1.3792-0.4450i	0.8020-0.3093i	2.7893-1.1569i	1.3939-0.8887i	-2.4198+0.2883i
0.2	-0.0456-0.0943i	0.0102-0.0047i	--	-0.0023+0.0128i	0.0671-0.0231i	-0.1603-0.1028i	0.3566-0.2608i	0.2575-0.1270i
0.3	0.0087+0.0731i	0.0017+0.0004i	--	0.0107+0.0003i	-0.0007+0.0069i	-0.0555+0.0016i	0.0056-0.0398i	-0.0109-0.0229i
0.4	-0.0195+0.0372i	0.0016+0.0026i	--	0.0027+0.0055i	0.0321-0.0029i	0.0133-0.0028i	0.0124+0.0138i	-0.0177+0.0144i
0.5	0.0059+0.0049i	0.0041-0.0004i	--	-0.0009+0.0105i	0.0185+0.0089i	0.0061-0.0105i	-0.0076+0.0038i	0.0006+0.0009i
0.6	0.0051-0.0025i	-0.0016-0.0005i	--	0.0039+0.0142i	-0.0009+0.0008i	-0.0090+0.0005i	-0.0118-0.0016i	0.0008+0.0020i
0.7	0.0071-0.0022i	-0.0001-0.0019i	--	0.0081+0.0103i	-0.0060-0.0193i	-0.0061-0.0055i	-0.0045-0.0008i	0.0115+0.0026i
0.8	0.0015+0.0001i	0.0014+0.0002i	--	-0.0006+0.0073i	0.0058-0.0138i	0.0012+0.0007i	-0.0049+0.0106i	0.0035+0.0023i
0.9	-0.0004-0.0015i	-0.0001-0.0018i	--	0.0017+0.0132i	0.0033-0.0029i	0.0018+0.0008i	-0.0021+0.0039i	-0.0017+0.0027i
1.0	-0.0025-0.0017i	0.0010-0.0027i	--	-0.0044+0.0122i	0.0026+0.0039i	-0.0012+0.0013i	-0.0006-0.0008i	-0.0033+0.0010i
1.1	-0.0032+0.0020i	0.0006-0.0013i	--	-0.0030-0.0002i	0.0075+0.0070i	-0.0007-0.0001i	0.0005+0.0015i	-0.0030-0.0002i
1.2	-0.0032+0.0024i	0.0001+0.0011i	--	0.0003-0.0056i	-0.0023+0.0031i	-0.0000+0.0009i	0.0015+0.0002i	0.0001-0.0002i
1.3	-0.0044+0.0012i	0.0017+0.0016i	--	-0.0031+0.0004i	-0.0064-0.0040i	0.0003+0.0029i	0.0004+0.0012i	0.0003+0.0006i
1.4	-0.0053-0.0020i	0.0014-0.0002i	--	-0.0074+0.0040i	-0.0012-0.0026i	-0.0004+0.0010i	-0.0007+0.0011i	0.0004+0.0016i
1.5	-0.0078-0.0020i	0.0020-0.0020i	--	-0.0112+0.0052i	-0.0022-0.0041i	0.0002-0.0015i	0.0002+0.0005i	0.0006+0.0017i
1.6	-0.0109-0.0016i	0.0034-0.0007i	--	-0.0061+0.0013i	0.0036+0.0030i	-0.0004-0.0025i	-0.0000+0.0006i	0.0016-0.0006i
1.7	-0.0131-0.0008i	0.0048-0.0002i	--	-0.0012-0.0026i	0.0032-0.0043i	-0.0002-0.0002i	-0.0004+0.0003i	-0.0010+0.0005i
1.8	-0.0115-0.0019i	0.0101-0.0078i	--	-0.0021+0.0018i	-0.0011+0.0065i	0.0005+0.0005i	-0.0003+0.0028i	-0.0045+0.0006i
1.9	-0.0134-0.0013i	0.0051-0.0206i	--	-0.0024+0.0035i	0.0005+0.0075i	0.0019-0.0024i	0.0005+0.0040i	-0.0019+0.0019i
2.0	-0.0160+0.0009i	-0.0098-0.0377i	--	0.0032+0.0076i	-0.0013-0.0017i	0.0025-0.0052i	0.0006+0.0058i	-0.0059+0.0046i
2.1	-0.0171+0.0041i	-0.0160-0.0524i	--	-0.0038+0.0159i	-0.0042-0.0074i	0.0017-0.0148i	0.0030+0.0073i	-0.0031+0.0169i
2.2	-0.0148+0.0040i	-0.0846-0.0453i	--	0.0032+0.0095i	-0.0110-0.0081i	-0.0057-0.0108i	0.0125+0.0076i	0.0065+0.0118i
2.3	-0.0099-0.0017i	-0.1946+0.0436i	--	0.0098+0.0004i	-0.0304+0.0144i	-0.0042-0.0002i	0.0298-0.0070i	0.0036-0.0007i
2.4	-0.0198-0.0099i	-0.0314+0.2114i	--	0.0000-0.0102i	-0.0037+0.0325i	-0.0044-0.0012i	0.0043-0.0322i	0.0039+0.0026i
2.5	-0.0289-0.0053i	0.0978+0.1004i	--	-0.0113-0.0038i	0.0130+0.0104i	-0.0049-0.0017i	-0.0160-0.0140i	0.0053+0.0015i
2.6	-0.0295-0.0021i	0.0613+0.0313i	--	-0.0083+0.0034i	0.0076-0.0003i	-0.0045-0.0019i	-0.0104-0.0039i	0.0053+0.0008i
2.7	-0.0300-0.0008i	0.0370+0.0135i	--	-0.0075+0.0020i	0.0026+0.0009i	-0.0036-0.0024i	-0.0067-0.0016i	0.0019+0.0025i
2.8	-0.0327-0.0013i	0.0262+0.0087i	--	-0.0141+0.0001i	0.0041+0.0075i	-0.0016-0.0016i	-0.0048-0.0019i	0.0017+0.0008i
2.9	-0.0352-0.0026i	0.0261+0.0080i	--	-0.0154-0.0030i	0.0060+0.0010i	-0.0017-0.0017i	-0.0043-0.0016i	0.0034-0.0002i
3.0	-0.0373-0.0019i	0.0238+0.0038i	--	-0.0199-0.0041i	0.0024-0.0032i	-0.0028+0.0004i	-0.0034-0.0007i	0.0030-0.0009i
3.1	-0.0413-0.0025i	0.0168+0.0047i	--	-0.0232+0.0036i	-0.0001-0.0051i	-0.0040+0.0023i	-0.0009+0.0015i	0.0041-0.0005i
3.2	-0.0446-0.0036i	0.0110+0.0132i	--	-0.0081-0.0003i	-0.0025-0.0082i	-0.0049+0.0029i	-0.0002+0.0053i	0.0049+0.0016i
3.3	-0.0498-0.0039i	0.0218+0.0147i	--	-0.0138-0.0054i	0.0009+0.0014i	-0.0015+0.0009i	0.0004-0.0016i	0.0048-0.0042i
3.4	-0.0500-0.0040i	0.0233+0.0059i	--	-0.0183+0.0026i	0.0057+0.0014i	-0.0050-0.0012i	-0.0009-0.0037i	0.0030-0.0078i
3.5	-0.0500-0.0026i	0.0243-0.0002i	--	-0.0223-0.0113i	0.0104+0.0029i	-0.0051+0.0020i	-0.0018-0.0028i	-0.0001-0.0060i
3.6	-0.0600-0.0083i	0.0228-0.0091i	--	-0.0228+0.0028i	0.0146+0.0060i	0.0030+0.0075i	-0.0045+0.0091i	-0.0021-0.0174i
3.7	-0.0611+0.0030i	0.0099-0.0093i	--	-0.0047+0.0232i	-0.0074-0.0031i	-0.0019-0.0109i	0.0083-0.0016i	-0.0025+0.0056i
3.8	-0.0656+0.0025i	0.0115-0.0020i	--	-0.0140+0.0068i	-0.0033+0.0030i	-0.0030-0.0058i	0.0046-0.0006i	0.0014+0.0047i
3.9	-0.0695+0.0007i	0.0120+0.0005i	--	-0.0185+0.0035i	-0.0030+0.0026i	-0.0046-0.0007i	0.0038-0.0000i	0.0034+0.0007i
4.0	-0.0733+0.0002i	0.0136+0.0008i	--	-0.0221+0.0027i	-0.0040+0.0017i	-0.0016+0.0031i	0.0028-0.0005i	0.0007-0.0022i
4.1	-0.0771+0.0001i	0.0143-0.0004i	--	-0.0225+0.0014i	-0.0059+0.0001i	0.0023+0.0026i	0.0022-0.0002i	-0.0028-0.0009i
4.2	-0.0821-0.0007i	0.0141+0.0002i	--	-0.0228-0.0037i	-0.0067-0.0016i	0.0027-0.0007i	0.0024-0.0001i	-0.0045+0.0017i
4.3	-0.0893-0.0016i	0.0148-0.0005i	--	-0.0179-0.0059i	-0.0072+0.0030i	0.0040-0.0067i	0.0020-0.0013i	-0.0073+0.0052i
4.4	-0.0955-0.0018i	0.0150+0.0001i	--	-0.0191-0.0034i	-0.0067+0.0075i	0.0046-0.0123i	0.0005-0.0015i	-0.0070+0.0112i
4.5	-0.1005-0.0014i	0.0150+0.0012i	--	-0.0248-0.0029i	-0.0003+0.0029i	0.0043-0.0177i	-0.0026+0.0008i	-0.0050+0.0179i
4.6	-0.1084-0.0007i	0.0159+0.0004i	--	-0.0262+0.0048i	0.0044+0.0031i	-0.0016-0.0263i	-0.0041+0.0021i	0.0017+0.0275i
4.7	-0.1133-0.0008i	0.0162+0.0003i	--	-0.0273+0.0076i	0.0077+0.0003i	-0.0147-0.0435i	-0.0058+0.0059i	0.0133+0.0452i
4.8	-0.1226+0.0006i	0.0195+0.0036i	--	-0.0380+0.0047i	0.0086-0.0088i	-0.0632-0.0480i	0.0013+0.0173i	0.0596+0.0477i
4.9	-0.1324+0.0001i	0.0286+0.0066i	--	-0.0367+0.0032i	-0.0039-0.0217i	-0.0948+0.0132i	0.0217+0.0136i	0.0873-0.0165i
5.0	-0.1414-0.0081i	0.0264-0.0020i	--	-0.0309-0.0069i	-0.0227+0.0065i	-0.0198+0.0527i	0.0254-0.0185i	0.0091-0.0530i
5.1	-0.1525-0.0105i	0.0271-0.0017i	--	-0.0392-0.0155i	-0.0197+0.0034i	-0.0116+0.0365i	0.0217-0.0162i	0.0040-0.0357i
5.2	-0.1685-0.0079i	0.0333-0.0047i	--	-0.0483-0.0208i	-0.0300+0.0118i	-0.0074+0.0424i	0.0345-0.0352i	-0.0005-0.0381i
5.3	-0.1811+0.0027i	0.0327-0.0139i	--	-0.0619-0.0187i	-0.0212+0.0449i	0.0031+0.0410i	0.0144-0.0736i	-0.0121-0.0297i
5.4	-0.1834+0.0103i	0.0260-0.0198i	--	-0.0772-0.0057i	0.0126+0.0616i	0.0230+0.0377i	-0.0406-0.0814i	-0.0254-0.0272i
5.5	-0.1904+0.0043i	0.0119-0.0206i	--	-0.0466+0.0033i	0.0726+0.0295i	0.0402+0.0538i	-0.1127-0.0259i	-0.0331-0.0592i
5.6	-0.2096+0.0003i	0.0037-0.0041i	--	-0.0523+0.0082i	0.0948-0.0487i	0.1075-0.0256i	-0.1319+0.0738i	-0.1018+0.0097i

5.7	-0.2334-0.0082i	0.0113+0.0103i	--	-0.0639-0.0140i	0.0661-0.0759i	0.0531-0.1155i	-0.0862+0.1142i	-0.0513+0.1002i
5.8	-0.2522-0.0013i	0.0200+0.0176i	--	-0.0621-0.0036i	0.0635-0.1090i	-0.0306-0.0951i	-0.0613+0.1401i	0.0260+0.0765i
5.9	-0.2711-0.0001i	0.0375+0.0223i	--	-0.0713-0.0067i	0.0121-0.1275i	-0.1090-0.0768i	0.0105+0.1540i	0.0958+0.0572i
6.0	-0.2918-0.0006i	0.0491+0.0184i	--	-0.0821-0.0079i	-0.0128-0.1125i	-0.1414+0.0094i	0.0345+0.1170i	0.1251-0.0249i
6.1	-0.3209+0.0029i	0.0580+0.0168i	--	-0.0887-0.0052i	-0.0095-0.1107i	-0.0950+0.0921i	0.0189+0.1015i	0.0791-0.1055i
6.2	-0.3582+0.0114i	0.0742+0.0173i	--	-0.1037-0.0005i	-0.0400-0.1309i	-0.0201+0.0999i	0.0401+0.1270i	-0.0028-0.1185i
6.3	-0.3843+0.0191i	0.0856+0.0154i	--	-0.1102+0.0045i	-0.0639-0.1285i	0.0062+0.0809i	0.0625+0.1284i	-0.0339-0.0985i
6.4	-0.4260+0.0341i	0.1045+0.0130i	--	-0.1157+0.0086i	-0.0899-0.1267i	0.0123+0.0602i	0.0913+0.1342i	-0.0469-0.0775i
6.5	-0.4690+0.0481i	0.1248+0.0094i	--	-0.1173+0.0150i	-0.1192-0.1159i	0.0250+0.0570i	0.1286+0.1271i	-0.0691-0.0731i
6.6	-0.5223+0.0716i	0.1538+0.0016i	--	-0.1208+0.0221i	-0.1314-0.1010i	0.0421+0.0379i	0.1476+0.1079i	-0.0932-0.0480i
6.7	-0.5941+0.0974i	0.1955-0.0100i	--	-0.1324+0.0255i	-0.1580-0.1084i	0.0330+0.0172i	0.1793+0.1076i	-0.0938-0.0261i
6.8	-0.6986+0.1334i	0.2548-0.0260i	--	-0.1383+0.0265i	-0.2021-0.1064i	0.0128+0.0098i	0.2250+0.0948i	-0.0891-0.0136i
6.9	-0.8379+0.2174i	0.3376-0.0667i	--	-0.1373+0.0291i	-0.2511-0.0998i	0.0029+0.0259i	0.2698+0.0751i	-0.0973-0.0181i
7.0	-1.0124+0.5340i	0.4601-0.2408i	--	-0.1440+0.0394i	-0.3584-0.0563i	0.0459+0.0688i	0.3735+0.0352i	-0.1730-0.0278i
7.1	-0.9210+0.9960i	0.4434-0.5292i	--	-0.1468+0.0441i	-0.4552+0.1053i	0.1276+0.0255i	0.4839-0.1337i	-0.2626+0.0813i
7.2	-0.4372+1.3118i	0.1765-0.7771i	--	-0.1370+0.0405i	-0.3733+0.3281i	0.1121-0.1487i	0.3973-0.4272i	-0.1889+0.3248i
7.3	0.2065+1.0520i	-0.2559-0.7212i	--	-0.1533-0.0124i	-0.1057+0.3554i	-0.2276-0.1421i	-0.0705-0.4719i	0.2722+0.3014i
7.4	0.3769+0.7652i	-0.4303-0.5644i	--	-0.1961-0.0453i	-0.0506+0.3182i	-0.2146+0.0937i	-0.1506-0.2564i	0.2864+0.0172i
7.5	0.3309+0.3976i	-0.4644-0.3134i	--	-0.2541-0.0340i	0.0052+0.2740i	-0.0312+0.1470i	-0.0610-0.1322i	0.0943-0.0841i
7.6	0.2057+0.2834i	-0.4073-0.2253i	--	-0.2630-0.0168i	0.0166+0.2366i	0.0033+0.0865i	-0.0196-0.1392i	0.0458-0.0356i
7.7	0.0710+0.2115i	-0.3447-0.1814i	--	-0.2654-0.0095i	0.0083+0.2188i	-0.0128+0.0782i	-0.0081-0.1489i	0.0501-0.0322i
7.8	-0.0537+0.1697i	-0.3171-0.1737i	--	-0.3123-0.0172i	0.0093+0.2248i	0.0129+0.0802i	0.0027-0.1655i	0.0158-0.0319i
7.9	-0.1385+0.1551i	-0.3301-0.1711i	--	-0.3778-0.0235i	0.0340+0.2274i	0.0414+0.0637i	-0.0082-0.1859i	-0.0134-0.0139i
8.0	-0.1979+0.1591i	-0.3412-0.1508i	--	-0.4188+0.0055i	0.0503+0.2198i	0.0295+0.0307i	-0.0285-0.1897i	0.0009+0.0174i
8.1	-0.2806+0.1542i	-0.3460-0.1295i	--	-0.4685+0.0323i	0.0653+0.2298i	-0.0014+0.0356i	-0.0479-0.1988i	0.0336+0.0095i
8.2	-0.3606+0.1918i	-0.3608-0.1044i	--	-0.5180+0.0729i	0.1056+0.2249i	0.0245+0.0456i	-0.0781-0.2008i	0.0105-0.0021i
8.3	-0.4439+0.2181i	-0.3827-0.0785i	--	-0.5828+0.1155i	0.1457+0.2135i	0.0440+0.0380i	-0.1120-0.1977i	-0.0063+0.0034i
8.4	-0.5046+0.2436i	-0.3932-0.0588i	--	-0.6256+0.1524i	0.1692+0.1985i	0.0472+0.0268i	-0.1370-0.1879i	-0.0095+0.0121i
8.5	-0.6028+0.2894i	-0.4127-0.0354i	--	-0.6951+0.2223i	0.2028+0.1751i	0.0460+0.0123i	-0.1699-0.1732i	-0.0071+0.0236i
8.6	-0.6844+0.3464i	-0.4308-0.0143i	--	-0.7593+0.2843i	0.2222+0.1510i	0.0403+0.0012i	-0.1902-0.1558i	-0.0003+0.0327i
8.7	-0.8174+0.4472i	-0.4605+0.0219i	--	-0.8736+0.3787i	0.2448+0.1207i	0.0267-0.0056i	-0.2189-0.1367i	0.0134+0.0377i
8.8	-0.9420+0.6039i	-0.4941+0.0705i	--	-0.9780+0.5325i	0.2767+0.0874i	0.0152+0.0044i	-0.2595-0.1112i	0.0284+0.0253i
8.9	-1.0532+0.7648i	-0.5267+0.1258i	--	-1.0628+0.7085i	0.2949+0.0399i	0.0248+0.0181i	-0.2981-0.0702i	0.0188+0.0080i
9.0	-1.1258+1.1158i	-0.5503+0.2377i	--	-1.1102+1.0584i	0.3073-0.0171i	0.0414-0.0095i	-0.3285+0.0196i	0.0023+0.0319i
9.1	-1.0303+1.3456i	-0.5166+0.3164i	--	-0.9733+1.2722i	0.2944-0.0674i	0.0060-0.0254i	-0.2910+0.0866i	0.0355+0.0446i
9.2	-1.2675+1.7792i	-0.5835+0.4374i	--	-1.1651+1.6338i	0.3203-0.1291i	-0.0181+0.0043i	-0.2947+0.1236i	0.0589+0.0151i
9.3	-0.9835+2.5006i	-0.5160+0.6533i	--	-0.9035+2.3019i	0.2937-0.2300i	-0.0097+0.0205i	-0.2809+0.2116i	0.0534-0.0015i
9.4	0.0739+3.0111i	-0.2162+0.8275i	--	0.0863+2.7658i	0.1697-0.3218i	0.0041+0.0333i	-0.1706+0.3038i	0.0410-0.0165i
9.5	1.0628+2.6677i	0.0873+0.7565i	--	1.0055+2.4329i	0.0352-0.3129i	0.0199+0.0271i	-0.0396+0.2998i	0.0237-0.0152i
9.6	1.5456+2.0199i	0.2454+0.5841i	--	1.4585+1.8301i	-0.0480-0.2525i	0.0226+0.0161i	0.0430+0.2437i	0.0190-0.0087i
9.7	1.5567+1.3409i	0.2701+0.3856i	--	1.4854+1.2066i	-0.0768-0.1652i	0.0187+0.0127i	0.0725+0.1613i	0.0189-0.0083i
9.8	1.4349+0.9579i	0.2501+0.2718i	--	1.3744+0.8592i	-0.0713-0.1155i	0.0178+0.0071i	0.0662+0.1091i	0.0186-0.0027i
9.9	1.2766+0.7264i	0.2118+0.2047i	--	1.2283+0.6461i	-0.0542-0.0865i	0.0134+0.0080i	0.0492+0.0807i	0.0239-0.0010i
10.0	1.1437+0.5581i	0.1814+0.1547i	--	1.1111+0.4857i	-0.0426-0.0703i	0.0063+0.0105i	0.0330+0.0664i	0.0279-0.0064i
10.1	1.0181+0.4775i	0.1523+0.1272i	--	1.0027+0.4109i	-0.0329-0.0674i	0.0055+0.0169i	0.0191+0.0667i	0.0286-0.0145i
10.2	0.9000+0.4237i	0.1243+0.1076i	--	0.8957+0.3663i	-0.0254-0.0710i	0.0059+0.0252i	0.0078+0.0735i	0.0273-0.0245i
10.3	0.8070+0.4300i	0.0994+0.1065i	--	0.8259+0.3670i	-0.0302-0.0831i	0.0169+0.0283i	0.0181+0.0906i	0.0129-0.0296i
10.4	0.7818+0.4399i	0.0917+0.1005i	--	0.8132+0.3757i	-0.0521-0.0840i	0.0287+0.0182i	0.0454+0.0917i	-0.0033-0.0190i
10.5	0.7788+0.4288i	0.0894+0.0939i	--	0.8153+0.3625i	-0.0648-0.0700i	0.0259+0.0107i	0.0586+0.0746i	-0.0022-0.0093i
10.6	0.7802+0.3892i	0.0867+0.0818i	--	0.8166+0.3241i	-0.0695-0.0520i	0.0202+0.0107i	0.0650+0.0562i	0.0026-0.0094i
10.7	0.7784+0.3269i	0.0820+0.0689i	--	0.8289+0.2679i	-0.0691-0.0397i	0.0206+0.0105i	0.0643+0.0416i	0.0041-0.0093i
10.8	0.7501+0.2771i	0.0738+0.0581i	--	0.8116+0.2267i	-0.0690-0.0315i	0.0216+0.0102i	0.0604+0.0323i	0.0044-0.0088i
10.9	0.6960+0.2412i	0.0602+0.0503i	--	0.7736+0.1917i	-0.0662-0.0237i	0.0202+0.0094i	0.0564+0.0248i	0.0048-0.0050i
11.0	0.6545+0.2144i	0.0498+0.0433i	--	0.7455+0.1650i	-0.0633-0.0164i	0.0203+0.0084i	0.0538+0.0225i	0.0041-0.0034i
11.1	0.6204+0.1985i	0.0431+0.0382i	--	0.7213+0.1478i	-0.0607-0.0104i	0.0188+0.0071i	0.0514+0.0210i	0.0040-0.0030i
11.2	0.5861+0.1849i	0.0349+0.0360i	--	0.6995+0.1341i	-0.0579-0.0060i	0.0176+0.0081i	0.0531+0.0190i	0.0047-0.0034i
11.3	0.5627+0.1725i	0.0276+0.0335i	--	0.6859+0.1256i	-0.0552-0.0023i	0.0156+0.0090i	0.0528+0.0179i	0.0070-0.0031i
11.4	0.5356+0.1585i	0.0216+0.0297i	--	0.6729+0.1085i	-0.0541+0.0002i	0.0143+0.0092i	0.0544+0.0170i	0.0060-0.0040i
11.5	0.5116+0.1493i	0.0161+0.0282i	--	0.6626+0.0990i	-0.0538+0.0010i	0.0142+0.0096i	0.0568+0.0170i	0.0061-0.0057i
11.6	0.4787+0.1422i	0.0083+0.0267i	--	0.6497+0.0948i	-0.0530-0.0018i	0.0153+0.0094i	0.0589+0.0104i	0.0064-0.0065i
11.7	0.4504+0.1354i	0.0003+0.0230i	--	0.6364+0.0864i	-0.0552+0.0003i	0.0161+0.0095i	0.0609+0.0042i	0.0061-0.0052i
11.8	0.4266+0.1340i	-0.0064+0.0244i	--	0.6309+0.0785i	-0.0544+0.0009i	0.0158+0.0090i	0.0618-0.0000i	0.0053-0.0037i
11.9	0.4007+0.1366i	-0.0121+0.0251i	--	0.6153+0.0805i	-0.0550+0.0036i	0.0141+0.0087i	0.0611-0.0021i	0.0073-0.0046i

12.0	0.3766+0.1436i	-0.0191+0.0257i	--	0.6102+0.0884i	-0.0553+0.0066i	0.0126+0.0089i	0.0599-0.0037i	0.0096-0.0059i
12.1	0.3526+0.1484i	-0.0253+0.0263i	--	0.6124+0.0882i	-0.0569+0.0071i	0.0115+0.0093i	0.0598-0.0055i	0.0106-0.0062i
12.2	0.3273+0.1601i	-0.0300+0.0298i	--	0.5974+0.0867i	-0.0620+0.0113i	0.0090+0.0141i	0.0616-0.0096i	0.0118-0.0096i
12.3	0.3054+0.1769i	-0.0375+0.0322i	--	0.5905+0.0927i	-0.0675+0.0173i	0.0068+0.0188i	0.0612-0.0143i	0.0138-0.0126i
12.4	0.2934+0.1991i	-0.0446+0.0351i	--	0.6109+0.1132i	-0.0684+0.0208i	0.0099+0.0227i	0.0621-0.0174i	0.0123-0.0169i
12.5	0.2921+0.2219i	-0.0477+0.0411i	--	0.6300+0.1206i	-0.0682+0.0259i	0.0111+0.0261i	0.0630-0.0219i	0.0087-0.0201i
12.6	0.3004+0.2371i	-0.0458+0.0454i	--	0.6471+0.1140i	-0.0680+0.0320i	0.0132+0.0315i	0.0621-0.0226i	0.0035-0.0233i
12.7	0.3149+0.2442i	-0.0462+0.0477i	--	0.6744+0.1094i	-0.0719+0.0365i	0.0199+0.0355i	0.0652-0.0222i	-0.0028-0.0279i
12.8	0.3180+0.2362i	-0.0494+0.0475i	--	0.6939+0.0897i	-0.0662+0.0428i	0.0247+0.0367i	0.0689-0.0278i	-0.0072-0.0301i
12.9	0.3164+0.2332i	-0.0543+0.0479i	--	0.7247+0.0579i	-0.0640+0.0532i	0.0300+0.0395i	0.0776-0.0364i	-0.0139-0.0326i
13.0	0.3149+0.2335i	-0.0580+0.0497i	--	0.7390+0.0408i	-0.0614+0.0563i	0.0382+0.0401i	0.0823-0.0454i	-0.0228-0.0309i
13.1	0.3138+0.2247i	-0.0631+0.0506i	--	0.7610+0.0190i	-0.0553+0.0588i	0.0510+0.0389i	0.0766-0.0604i	-0.0358-0.0264i
13.2	0.3034+0.2136i	-0.0699+0.0525i	--	0.7721-0.0230i	-0.0545+0.0620i	0.0585+0.0334i	0.0709-0.0755i	-0.0443-0.0171i
13.3	0.2865+0.2093i	-0.0739+0.0584i	--	0.7632-0.0663i	-0.0484+0.0626i	0.0584+0.0270i	0.0550-0.0882i	-0.0408-0.0110i
13.4	0.2680+0.2133i	-0.0829+0.0674i	--	0.7662-0.0963i	-0.0451+0.0531i	0.0636+0.0301i	0.0321-0.0809i	-0.0432-0.0173i
13.5	0.2529+0.2196i	-0.0897+0.0773i	--	0.7574-0.1453i	-0.0487+0.0622i	0.0779+0.0243i	0.0319-0.0769i	-0.0587-0.0063i
13.6	0.2395+0.2371i	-0.0883+0.0926i	--	0.7254-0.1925i	-0.0401+0.0672i	0.0907+0.0103i	0.0232-0.0777i	-0.0699+0.0121i
13.7	0.2304+0.2581i	-0.0814+0.1066i	--	0.6785-0.2306i	-0.0356+0.0653i	0.0954-0.0054i	0.0154-0.0785i	-0.0730+0.0300i
13.8	0.2257+0.2824i	-0.0749+0.1181i	--	0.6226-0.2509i	-0.0306+0.0617i	0.0907-0.0218i	0.0038-0.0772i	-0.0643+0.0492i
13.9	0.2231+0.2975i	-0.0668+0.1274i	--	0.5816-0.2671i	-0.0278+0.0592i	0.0887-0.0217i	-0.0047-0.0597i	-0.0613+0.0457i
14.0	0.2149+0.3151i	-0.0624+0.1302i	--	0.5539-0.2406i	-0.0366+0.0595i	0.0994-0.0316i	0.0008-0.0459i	-0.0705+0.0531i
14.1	0.2211+0.3367i	-0.0479+0.1272i	--	0.5056-0.1971i	-0.0408+0.0572i	0.1024-0.0620i	0.0075-0.0446i	-0.0731+0.0826i
14.2	0.2342+0.3553i	-0.0402+0.1207i	--	0.5006-0.1586i	-0.0459+0.0579i	0.0921-0.0889i	0.0134-0.0433i	-0.0624+0.1075i
14.3	0.2559+0.3744i	-0.0337+0.1177i	--	0.5066-0.1176i	-0.0443+0.0584i	0.0738-0.1105i	0.0150-0.0410i	-0.0414+0.1287i
14.4	0.2733+0.3763i	-0.0401+0.1143i	--	0.5459-0.0988i	-0.0442+0.0656i	0.0499-0.1140i	0.0196-0.0429i	-0.0153+0.1316i
14.5	0.2856+0.3726i	-0.0393+0.1098i	--	0.5583-0.0942i	-0.0435+0.0666i	0.0319-0.1162i	0.0209-0.0442i	0.0023+0.1352i
14.6	0.2715+0.3871i	-0.0410+0.1100i	--	0.5613-0.0833i	-0.0563+0.0620i	0.0137-0.1255i	0.0164-0.0358i	0.0198+0.1393i
14.7	0.2756+0.4183i	-0.0457+0.1107i	--	0.5790-0.0725i	-0.0705+0.0721i	-0.0092-0.1282i	0.0206-0.0267i	0.0388+0.1403i
14.8	0.3147+0.4554i	-0.0470+0.1135i	--	0.6013-0.0669i	-0.0735+0.0962i	-0.0422-0.1248i	0.0238-0.0278i	0.0711+0.1371i
14.9	0.3847+0.4756i	-0.0400+0.1134i	--	0.6249-0.0443i	-0.0623+0.1156i	-0.0713-0.1121i	0.0327-0.0235i	0.1005+0.1250i
15.0	0.4375+0.4605i	-0.0314+0.1141i	--	0.6444-0.0326i	-0.0482+0.1087i	-0.0869-0.0963i	0.0357-0.0131i	0.1166+0.1108i
15.1	0.4910+0.4096i	-0.0259+0.1056i	--	0.6770-0.0456i	-0.0404+0.1052i	-0.1021-0.0699i	0.0536-0.0141i	0.1316+0.0855i
15.2	0.5110+0.3294i	-0.0277+0.0883i	--	0.7155-0.0426i	-0.0422+0.0980i	-0.1048-0.0343i	0.0747-0.0251i	0.1325+0.0502i
15.3	0.4897+0.2684i	-0.0402+0.0763i	--	0.7577-0.0479i	-0.0508+0.0988i	-0.0908-0.0111i	0.0852-0.0399i	0.1186+0.0271i
15.4	0.4598+0.2368i	-0.0572+0.0729i	--	0.8050-0.0651i	-0.0533+0.0955i	-0.0785-0.0065i	0.0854-0.0509i	0.1068+0.0235i
15.5	0.4393+0.2168i	-0.0698+0.0715i	--	0.8428-0.0717i	-0.0631+0.0915i	-0.0664-0.0092i	0.0994-0.0596i	0.0924+0.0269i
15.6	0.4078+0.2083i	-0.0891+0.0724i	--	0.8919-0.1060i	-0.0848+0.1072i	-0.0670-0.0184i	0.1065-0.0842i	0.0907+0.0407i
15.7	0.3635+0.2143i	-0.1129+0.0791i	--	0.9419-0.1595i	-0.0893+0.1273i	-0.0786-0.0238i	0.0865-0.1006i	0.1065+0.0511i
15.8	0.3433+0.2298i	-0.1332+0.0852i	--	0.9889-0.2025i	-0.1033+0.1380i	-0.1027-0.0257i	0.0802-0.1002i	0.1340+0.0496i
15.9	0.3301+0.2532i	-0.1544+0.1019i	--	1.0313-0.2707i	-0.1258+0.1664i	-0.1392-0.0077i	0.0802-0.1014i	0.1719+0.0293i
16.0	0.3362+0.2775i	-0.1675+0.1275i	--	1.0599-0.3471i	-0.1392+0.2073i	-0.1600+0.0364i	0.0924-0.0990i	0.1908-0.0164i
16.1	0.3680+0.2974i	-0.1735+0.1628i	--	1.0656-0.4736i	-0.1079+0.2995i	-0.1391+0.1055i	0.1218-0.1340i	0.1641-0.0778i
16.2	0.3969+0.2820i	-0.1821+0.1816i	--	1.0651-0.5386i	-0.0385+0.3377i	-0.0958+0.1282i	0.1209-0.1817i	0.1220-0.0928i
16.3	0.4032+0.2680i	-0.1984+0.2144i	--	1.0874-0.6374i	0.0263+0.3556i	-0.0594+0.1320i	0.1032-0.2299i	0.0888-0.0889i
16.4	0.4041+0.2660i	-0.1955+0.2584i	--	1.0560-0.7472i	0.0785+0.3460i	-0.0417+0.1239i	0.0667-0.2597i	0.0790-0.0758i
16.5	0.4153+0.2652i	-0.1797+0.2971i	--	1.0107-0.8520i	0.1125+0.3174i	-0.0388+0.1114i	0.0294-0.2763i	0.0827-0.0626i
16.6	0.4586+0.2690i	-0.1580+0.3569i	--	0.9668-1.0369i	0.1156+0.3390i	-0.0542+0.1384i	-0.0108-0.3165i	0.1085-0.0887i
16.7	0.5004+0.2301i	-0.1190+0.3936i	--	0.8306-1.1755i	0.2117+0.3904i	-0.0110+0.1797i	-0.1031-0.3527i	0.0794-0.1273i
16.8	0.5147+0.1578i	-0.0697+0.4196i	--	0.6138-1.2088i	0.3858+0.2924i	0.0561+0.1600i	-0.2352-0.2702i	0.0333-0.1200i
16.9	0.4837+0.0605i	0.0070+0.4498i	--	0.4066-1.1826i	0.3790+0.0187i	0.0608+0.1014i	-0.2154-0.0969i	0.0234-0.0932i
17.0	0.4318+0.0060i	0.0866+0.4727i	--	0.2425-1.2417i	0.2362-0.0589i	0.0429+0.1067i	-0.1340-0.0712i	0.0193-0.1108i
17.1	0.3722-0.0074i	0.1979+0.4008i	--	-0.0678-1.0571i	0.2135+0.0164i	0.0956+0.1199i	-0.1900-0.1098i	-0.0319-0.1150i
17.2	0.3006-0.0335i	0.2215+0.2952i	--	-0.0986-0.7121i	0.1854-0.0621i	0.1146+0.0276i	-0.1569+0.0347i	-0.0578-0.0360i
17.3	0.2310-0.0137i	0.2170+0.2409i	--	-0.0502-0.5915i	0.1040-0.0364i	0.0719+0.0075i	-0.0581-0.0002i	-0.0303-0.0030i
17.4	0.1911+0.0117i	0.2112+0.1968i	--	-0.0241-0.4952i	0.0759-0.0022i	0.0468+0.0150i	-0.0434-0.0495i	-0.0067+0.0007i
17.5	0.1515+0.0454i	0.1780+0.1504i	--	0.0955-0.3806i	0.0441+0.0237i	0.0276+0.0277i	-0.0591-0.0603i	0.0148-0.0089i
17.6	0.1305+0.0688i	0.1486+0.1318i	--	0.1963-0.3406i	0.0413+0.0428i	0.0251+0.0285i	-0.0553-0.0439i	0.0171-0.0106i
17.7	0.1109+0.0902i	0.1229+0.1214i	--	0.2678-0.3354i	0.0423+0.0575i	0.0242+0.0298i	-0.0346-0.0437i	0.0176-0.0073i
17.8	0.0837+0.1091i	0.0961+0.1101i	--	0.3285-0.3380i	0.0364+0.0715i	0.0196+0.0324i	-0.0137-0.0532i	0.0233-0.0058i
17.9	0.0575+0.1319i	0.0707+0.1096i	--	0.4012-0.3813i	0.0339+0.0852i	0.0159+0.0312i	-0.0001-0.0678i	0.0302-0.0047i
18.0	0.0392+0.1631i	0.0525+0.1149i	--	0.4520-0.4296i	0.0294+0.1134i	0.0097+0.0390i	-0.0007-0.0895i	0.0397-0.0057i
18.1	0.0356+0.1894i	0.0436+0.1202i	--	0.4723-0.4724i	0.0480+0.1348i	0.0113+0.0488i	-0.0136-0.1071i	0.0434-0.0081i
18.2	0.0381+0.2148i	0.0359+0.1287i	--	0.4803-0.5297i	0.0804+0.1505i	0.0150+0.0612i	-0.0237-0.1204i	0.0440-0.0141i

18.3	0.0415+0.2270i	0.0317+0.1342i	--	0.4504-0.5642i	0.1037+0.1513i	0.0215+0.0721i	-0.0301-0.1212i	0.0444-0.0210i
18.4	0.0329+0.2146i	0.0293+0.1292i	--	0.3872-0.5397i	0.1336+0.1357i	0.0400+0.0739i	-0.0367-0.1146i	0.0380-0.0272i
18.5	-0.0307+0.1916i	0.0181+0.1164i	--	0.3338-0.4299i	0.1508+0.0840i	0.0582+0.0515i	-0.0421-0.1227i	0.0366-0.0214i
18.6	-0.1616+0.2589i	-0.0364+0.1108i	--	0.5756-0.2383i	0.0694+0.0270i	0.0307+0.0138i	-0.0540-0.1335i	0.0619-0.0163i
18.7	-0.1489+0.3692i	-0.0559+0.1465i	--	0.7820-0.3908i	0.0289+0.0795i	0.0028+0.0292i	-0.0744-0.1365i	0.0705-0.0314i
18.8	-0.0924+0.4570i	-0.0539+0.1907i	--	0.8386-0.6614i	0.0416+0.1556i	0.0005+0.0725i	-0.0869-0.1162i	0.0576-0.0559i
18.9	-0.0560+0.4968i	-0.0393+0.2111i	--	0.7655-0.7794i	0.0708+0.1816i	0.0082+0.0874i	-0.0919-0.1033i	0.0526-0.0599i
19.0	-0.0326+0.5454i	-0.0291+0.2355i	--	0.6819-0.9188i	0.1190+0.1911i	0.0275+0.0925i	-0.0876-0.0989i	0.0388-0.0613i
19.1	-0.0005+0.5690i	-0.0151+0.2462i	--	0.5883-0.9734i	0.1548+0.1814i	0.0508+0.0870i	-0.0753-0.0930i	0.0218-0.0580i
19.2	0.0332+0.5673i	-0.0038+0.2468i	--	0.5330-0.9974i	0.1606+0.1746i	0.0564+0.0816i	-0.0683-0.0964i	0.0193-0.0498i
19.3	0.0455+0.5735i	-0.0041+0.2460i	--	0.5013-1.0082i	0.1783+0.1646i	0.0605+0.0724i	-0.0555-0.1076i	0.0152-0.0408i
19.4	0.0460+0.6057i	-0.0057+0.2634i	--	0.4570-1.0887i	0.2005+0.1631i	0.0616+0.0712i	-0.0581-0.1275i	0.0185-0.0367i
19.5	0.0680+0.6279i	-0.0022+0.2776i	--	0.4493-1.1620i	0.2012+0.1602i	0.0607+0.0764i	-0.0732-0.1213i	0.0220-0.0406i
19.6	0.0977+0.6475i	0.0106+0.2943i	--	0.3669-1.2398i	0.2347+0.1678i	0.0696+0.0805i	-0.0696-0.1242i	0.0235-0.0430i
19.7	0.1228+0.6646i	0.0198+0.3075i	--	0.2541-1.2996i	0.2807+0.1545i	0.0775+0.0884i	-0.0657-0.1312i	0.0231-0.0538i
19.8	0.1467+0.6809i	0.0324+0.3238i	--	0.1523-1.3746i	0.3179+0.1278i	0.0868+0.0928i	-0.0692-0.1503i	0.0192-0.0595i
19.9	0.1823+0.6919i	0.0619+0.3349i	--	-0.0358-1.3851i	0.3405+0.0834i	0.1066+0.0879i	-0.0889-0.1653i	0.0061-0.0586i
20.0	0.2092+0.6981i	0.0845+0.3380i	--	-0.1880-1.3559i	0.3282+0.0354i	0.1124+0.0757i	-0.1168-0.1672i	0.0032-0.0539i
20.1	0.2243+0.7027i	0.1019+0.3365i	--	-0.2806-1.2997i	0.3104+0.0033i	0.1178+0.0722i	-0.1448-0.1670i	0.0018-0.0554i
20.2	0.2499+0.7131i	0.1165+0.3331i	--	-0.3554-1.2456i	0.2979-0.0178i	0.1239+0.0617i	-0.1595-0.1571i	-0.0009-0.0487i
20.3	0.2857+0.7076i	0.1371+0.3261i	--	-0.4509-1.1784i	0.2763-0.0366i	0.1156+0.0465i	-0.1706-0.1339i	0.0112-0.0392i
20.4	0.2985+0.6932i	0.1530+0.3194i	--	-0.5304-1.1282i	0.2724-0.0459i	0.1144+0.0422i	-0.1740-0.1228i	0.0137-0.0404i
20.5	0.3145+0.6803i	0.1673+0.3101i	--	-0.6270-1.0515i	0.2721-0.0655i	0.1098+0.0380i	-0.1792-0.1184i	0.0209-0.0416i
20.6	0.3213+0.6612i	0.1806+0.2913i	--	-0.7205-0.9300i	0.2662-0.0900i	0.1067+0.0396i	-0.1819-0.1178i	0.0317-0.0506i
20.7	0.3107+0.6601i	0.1851+0.2798i	--	-0.7790-0.8040i	0.2513-0.1086i	0.1093+0.0491i	-0.1834-0.1144i	0.0295-0.0736i
20.8	0.3048+0.6623i	0.1852+0.2670i	--	-0.7967-0.6751i	0.2342-0.1264i	0.1218+0.0549i	-0.1981-0.1088i	0.0120-0.0985i
20.9	0.3015+0.6663i	0.1847+0.2580i	--	-0.7851-0.5897i	0.2019-0.1327i	0.1306+0.0486i	-0.2119-0.0996i	-0.0068-0.0934i
21.0	0.2861+0.6838i	0.1876+0.2561i	--	-0.8214-0.4991i	0.1808-0.1471i	0.1489+0.0499i	-0.2253-0.0946i	-0.0384-0.0934i
21.1	0.2708+0.7111i	0.1919+0.2485i	--	-0.8756-0.3884i	0.1608-0.1428i	0.1646+0.0480i	-0.2406-0.0785i	-0.0657-0.0950i
21.2	0.2611+0.7432i	0.1911+0.2402i	--	-0.8694-0.2639i	0.1515-0.1315i	0.1753+0.0361i	-0.2450-0.0514i	-0.0764-0.0850i
21.3	0.2666+0.8048i	0.1914+0.2379i	--	-0.8367-0.1067i	0.1371-0.1321i	0.1819+0.0230i	-0.2473-0.0308i	-0.0804-0.0721i
21.4	0.3219+0.8845i	0.1971+0.2435i	--	-0.7640+0.0752i	0.1176-0.1501i	0.2060-0.0024i	-0.2510-0.0078i	-0.1270-0.0464i
21.5	0.3757+0.9250i	0.1976+0.2428i	--	-0.6712+0.1867i	0.0915-0.1627i	0.2143-0.0320i	-0.2601+0.0114i	-0.1476-0.0108i
21.6	0.4225+0.9545i	0.2012+0.2348i	--	-0.5889+0.3003i	0.0642-0.1455i	0.1926-0.0532i	-0.2424+0.0465i	-0.1241+0.0112i
21.7	0.4864+0.9826i	0.2077+0.2350i	--	-0.4801+0.3968i	0.0387-0.1272i	0.1843-0.0747i	-0.2156+0.0688i	-0.1214+0.0371i
21.8	0.5573+1.0025i	0.2088+0.2388i	--	-0.3413+0.4560i	0.0090-0.1046i	0.1736-0.1122i	-0.1995+0.0931i	-0.1149+0.0971i
21.9	0.6395+1.0017i	0.2141+0.2358i	--	-0.1697+0.4841i	-0.0105-0.0815i	0.1586-0.1281i	-0.1849+0.1001i	-0.1037+0.1240i
22.0	0.7244+0.9847i	0.2182+0.2370i	--	-0.0353+0.4847i	-0.0145-0.0563i	0.1379-0.1351i	-0.1683+0.1047i	-0.0837+0.1354i
22.1	0.7972+0.9551i	0.2238+0.2295i	--	0.1040+0.4683i	-0.0121-0.0085i	0.0889-0.1407i	-0.1384+0.0946i	-0.0176+0.1470i
22.2	0.8554+0.9168i	0.2181+0.2322i	--	0.2776+0.3865i	0.0124+0.0174i	0.0657-0.1449i	-0.1112+0.1046i	0.0180+0.1607i
22.3	0.9117+0.8800i	0.2247+0.2373i	--	0.3631+0.3213i	0.0539+0.0200i	0.0537-0.1305i	-0.0900+0.1036i	0.0328+0.1367i
22.4	0.9738+0.8060i	0.2456+0.2323i	--	0.4011+0.2298i	0.0679+0.0186i	0.0405-0.1135i	-0.0766+0.0968i	0.0447+0.1145i
22.5	1.0102+0.7419i	0.2580+0.2216i	--	0.4157+0.1847i	0.0785+0.0182i	0.0372-0.1021i	-0.0739+0.0881i	0.0453+0.1024i
22.6	1.0199+0.6680i	0.2569+0.2085i	--	0.4516+0.1331i	0.0897+0.0143i	0.0389-0.0875i	-0.0759+0.0675i	0.0414+0.0906i
22.7	1.0158+0.5734i	0.2549+0.1979i	--	0.5141+0.0508i	0.1016+0.0030i	0.0390-0.0719i	-0.0795+0.0400i	0.0442+0.0700i
22.8	1.0092+0.5148i	0.2560+0.1791i	--	0.5254+0.0496i	0.1031+0.0022i	0.0450-0.0637i	-0.0888+0.0373i	0.0365+0.0751i
22.9	0.9800+0.4708i	0.2533+0.1731i	--	0.5441-0.0025i	0.1125-0.0027i	0.0477-0.0823i	-0.0939+0.0561i	0.0368+0.1028i
23.0	0.9439+0.4650i	0.2521+0.1776i	--	0.5230-0.0435i	0.1245-0.0127i	0.0139-0.0998i	-0.0622+0.0721i	0.1118+0.1131i
23.1	0.9605+0.4218i	0.2609+0.1645i	--	0.5595-0.0428i	0.1239-0.0218i	0.0074-0.0615i	-0.0529+0.0377i	0.1083+0.0578i
23.2	0.9445+0.3762i	0.2510+0.1547i	--	0.6017-0.0941i	0.1227-0.0242i	0.0132-0.0540i	-0.0580+0.0316i	0.1009+0.0591i
23.3	0.9139+0.3451i	0.2490+0.1453i	--	0.6122-0.1242i	0.1216-0.0256i	0.0094-0.0429i	-0.0623+0.0261i	0.1051+0.0409i
23.4	0.8906+0.3245i	0.2429+0.1403i	--	0.6473-0.1456i	0.1193-0.0281i	0.0070-0.0322i	-0.0669+0.0182i	0.1079+0.0275i
23.5	0.8739+0.3121i	0.2349+0.1391i	--	0.6933-0.1870i	0.1244-0.0350i	0.0122-0.0236i	-0.0692+0.0145i	0.1026+0.0122i
23.6	0.8454+0.2937i	0.2244+0.1369i	--	0.7380-0.2582i	0.1270-0.0426i	0.0141-0.0135i	-0.0733+0.0062i	0.1022-0.0008i
23.7	0.8198+0.2859i	0.2174+0.1379i	--	0.7517-0.3236i	0.1244-0.0539i	0.0226-0.0053i	-0.0785+0.0018i	0.0918-0.0037i
23.8	0.8068+0.2734i	0.2105+0.1364i	--	0.7806-0.3689i	0.1208-0.0665i	0.0316+0.0000i	-0.0980+0.0001i	0.0778-0.0073i
23.9	0.7866+0.2621i	0.2023+0.1418i	--	0.8001-0.4624i	0.1100-0.0676i	0.0374+0.0072i	-0.1053+0.0031i	0.0712-0.0123i
24.0	0.7727+0.2624i	0.2019+0.1503i	--	0.7364-0.5511i	0.0910-0.0812i	0.0551+0.0138i	-0.1108+0.0024i	0.0498-0.0219i
24.1	0.7575+0.2587i	0.2034+0.1528i	--	0.6853-0.5779i	0.0770-0.0723i	0.0693+0.0054i	-0.1182+0.0234i	0.0371-0.0050i
24.2	0.7454+0.2601i	0.2048+0.1597i	--	0.6366-0.6257i	0.0719-0.0606i	0.0786-0.0070i	-0.1165+0.0446i	0.0329+0.0188i
24.3	0.7414+0.2609i	0.2039+0.1644i	--	0.6019-0.6416i	0.0556-0.0535i	0.0813-0.0201i	-0.1058+0.0564i	0.0345+0.0387i
24.4	0.7203+0.2640i	0.2083+0.1573i	--	0.5535-0.5860i	0.0738-0.0332i	0.0700-0.0283i	-0.0723+0.0546i	0.0755+0.0404i
24.5	0.7017+0.2532i	0.2132+0.1524i	--	0.5020-0.5510i	0.0938-0.0188i	0.0686-0.0348i	-0.0603+0.0503i	0.0914+0.0510i

24.6	0.6893+0.2545i	0.2086+0.1539i	--	0.5208-0.5098i	0.1054-0.0287i	0.0644-0.0336i	-0.0574+0.0359i	0.1133+0.0376i
24.7	0.6737+0.2590i	0.1996+0.1537i	--	0.5790-0.4804i	0.1082-0.0506i	0.0560-0.0224i	-0.0539+0.0173i	0.1246+0.0044i
24.8	0.6582+0.2692i	0.1945+0.1551i	--	0.6207-0.4685i	0.0912-0.0596i	0.0585-0.0137i	-0.0592-0.0042i	0.1129-0.0199i
24.9	0.6415+0.2700i	0.1897+0.1598i	--	0.6599-0.5284i	0.0819-0.0413i	0.0717-0.0143i	-0.0817-0.0023i	0.0852-0.0176i
25.0	0.6183+0.2767i	0.1775+0.1714i	--	0.7169-0.6148i	0.1008-0.0402i	0.0791-0.0149i	-0.0857+0.0018i	0.0831-0.0233i
25.1	0.6077+0.3034i	0.1751+0.1888i	--	0.7321-0.6777i	0.0956-0.0580i	0.0801-0.0212i	-0.0873+0.0038i	0.0771-0.0217i
25.2	0.6018+0.3295i	0.1718+0.2024i	--	0.7494-0.7341i	0.0806-0.0680i	0.0828-0.0286i	-0.0947+0.0195i	0.0639-0.0090i
25.3	0.5783+0.3522i	0.1718+0.2162i	--	0.7265-0.7952i	0.0774-0.0660i	0.0810-0.0244i	-0.0949+0.0222i	0.0777-0.0278i
25.4	0.5932+0.3895i	0.1893+0.2359i	--	0.6634-0.8293i	0.0645-0.0706i	0.0944-0.0129i	-0.1010+0.0102i	0.0427-0.0593i
25.5	0.6137+0.4050i	0.2027+0.2443i	--	0.6489-0.8215i	0.0424-0.0607i	0.1110-0.0216i	-0.1237+0.0131i	-0.0015-0.0368i
25.6	0.6519+0.4327i	0.2186+0.2548i	--	0.6813-0.8688i	0.0073-0.0442i	0.1271-0.0381i	-0.1575+0.0328i	-0.0652+0.0105i
25.7	0.6698+0.4593i	0.2319+0.2606i	--	0.6951-0.8874i	0.0013-0.0098i	0.1408-0.0581i	-0.1566+0.0663i	-0.0920+0.0594i
25.8	0.6751+0.4616i	0.2389+0.2631i	--	0.6653-0.9490i	0.0349+0.0500i	0.1277-0.0927i	-0.1071+0.1099i	-0.0143+0.1454i
25.9	0.7049+0.4845i	0.2485+0.2782i	--	0.6544-1.0231i	0.0973+0.0614i	0.1009-0.1144i	-0.0574+0.1078i	0.0607+0.1604i
26.0	0.7390+0.4864i	0.2660+0.2797i	--	0.6299-1.0530i	0.1303+0.0161i	0.0848-0.1135i	-0.0487+0.0674i	0.0747+0.1238i
26.1	0.7797+0.4788i	0.2933+0.2750i	--	0.5760-1.1061i	0.1260-0.0271i	0.0804-0.1170i	-0.0650+0.0418i	0.0728+0.1243i
26.2	0.8165+0.4709i	0.3147+0.2761i	--	0.5307-1.1669i	0.1044-0.0460i	0.0710-0.1249i	-0.0948+0.0449i	0.0766+0.1480i
26.3	0.8518+0.4546i	0.3313+0.2714i	--	0.4580-1.2260i	0.0854-0.0560i	0.0516-0.1250i	-0.1056+0.0577i	0.1099+0.1567i
26.4	0.8805+0.4265i	0.3490+0.2576i	--	0.3762-1.2157i	0.0755-0.0483i	0.0346-0.1181i	-0.0979+0.0800i	0.1493+0.1407i
26.5	0.8983+0.4037i	0.3594+0.2469i	--	0.3099-1.2069i	0.0578-0.0455i	0.0281-0.1137i	-0.0933+0.0960i	0.1736+0.1354i
26.6	0.9080+0.3705i	0.3674+0.2198i	--	0.2333-1.0881i	0.0355-0.0370i	0.0154-0.1084i	-0.0798+0.0981i	0.1925+0.1027i
26.7	0.9166+0.3488i	0.3578+0.2082i	--	0.2632-1.0097i	0.0155-0.0221i	0.0088-0.1014i	-0.0837+0.0871i	0.1752+0.0815i
26.8	0.9304+0.3256i	0.3472+0.2081i	--	0.3879-0.9825i	0.0174+0.0162i	0.0096-0.0916i	-0.1016+0.1007i	0.1537+0.0799i
26.9	0.9372+0.3022i	0.3454+0.2171i	--	0.4689-1.0471i	0.0402+0.0456i	0.0055-0.0878i	-0.0928+0.1265i	0.1477+0.0970i
27.0	0.9447+0.2784i	0.3555+0.2221i	--	0.4770-1.1224i	0.0632+0.0677i	0.0036-0.0888i	-0.0707+0.1509i	0.1586+0.1213i
27.1	0.9496+0.2450i	0.3713+0.2187i	--	0.4375-1.1819i	0.0848+0.0835i	-0.0021-0.0849i	-0.0388+0.1619i	0.1912+0.1444i
27.2	0.9547+0.2112i	0.3814+0.2102i	--	0.4143-1.2014i	0.1138+0.0868i	-0.0072-0.0797i	-0.0149+0.1587i	0.2202+0.1472i
27.3	0.9429+0.1636i	0.3871+0.2026i	--	0.3944-1.2403i	0.1383+0.0827i	-0.0145-0.0695i	0.0109+0.1599i	0.2472+0.1415i
27.4	0.9116+0.1375i	0.3872+0.1961i	--	0.3744-1.2644i	0.1490+0.0634i	-0.0113-0.0654i	0.0268+0.1520i	0.2646+0.1296i
27.5	0.8839+0.1268i	0.3851+0.1909i	--	0.3912-1.2552i	0.1533+0.0678i	-0.0079-0.0611i	0.0443+0.1393i	0.2951+0.1257i
27.6	0.8746+0.1160i	0.3911+0.1915i	--	0.3840-1.2972i	0.1666+0.0788i	-0.0081-0.0581i	0.0592+0.1366i	0.3261+0.1251i
27.7	0.8580+0.0948i	0.4014+0.1941i	--	0.3463-1.3745i	0.2001+0.0871i	-0.0215-0.0531i	0.0810+0.1393i	0.3657+0.1162i
27.8	0.8334+0.0824i	0.4063+0.1846i	--	0.3001-1.3681i	0.2294+0.0709i	-0.0279-0.0484i	0.0999+0.1283i	0.3856+0.0819i
27.9	0.7988+0.0689i	0.4034+0.1776i	--	0.2858-1.3883i	0.2430+0.0536i	-0.0324-0.0403i	0.1250+0.1155i	0.4056+0.0594i
28.0	0.7623+0.0651i	0.3932+0.1766i	--	0.3391-1.4292i	0.2474+0.0250i	-0.0329-0.0278i	0.1551+0.0806i	0.4160+0.0239i
28.1	0.7094+0.1008i	0.3797+0.2024i	--	0.3781-1.5673i	0.2485+0.0208i	-0.0278-0.0175i	0.1705+0.0408i	0.4125-0.0087i
28.2	0.7137+0.1697i	0.4138+0.2418i	--	0.1903-1.7041i	0.2662+0.0390i	-0.0220-0.0095i	0.1487+0.0052i	0.4104-0.0041i
28.3	0.7653+0.1962i	0.4665+0.2407i	--	-0.0382-1.6536i	0.3142+0.0323i	-0.0155-0.0104i	0.1255-0.0008i	0.4339-0.0004i
28.4	0.7898+0.1608i	0.4872+0.2023i	--	-0.0891-1.5214i	0.3572-0.0113i	-0.0178-0.0064i	0.1444+0.0027i	0.4761-0.0359i
28.5	0.7788+0.1441i	0.4850+0.1796i	--	-0.0650-1.4590i	0.3679-0.0566i	-0.0206+0.0007i	0.1489-0.0088i	0.4893-0.0853i
28.6	0.7768+0.1443i	0.4923+0.1761i	--	-0.0258-1.4510i	0.3594-0.0859i	-0.0232+0.0005i	0.1458-0.0285i	0.4850-0.1206i
28.7	0.7834+0.1424i	0.5063+0.1701i	--	-0.0159-1.4650i	0.3600-0.1186i	-0.0281+0.0049i	0.1494-0.0564i	0.4901-0.1655i
28.8	0.7889+0.1359i	0.5120+0.1627i	--	0.0006-1.4886i	0.3690-0.1455i	-0.0281+0.0112i	0.1522-0.0842i	0.4924-0.2071i
28.9	0.7821+0.1282i	0.5188+0.1492i	--	-0.0042-1.5159i	0.3602-0.1888i	-0.0306+0.0261i	0.1443-0.1148i	0.4736-0.2392i
29.0	0.7814+0.1112i	0.5273+0.1294i	--	-0.0145-1.5481i	0.3487-0.2177i	-0.0285+0.0423i	0.1259-0.1261i	0.4482-0.2705i
29.1	0.7854+0.1018i	0.5374+0.1158i	--	-0.0262-1.5739i	0.3471-0.2397i	-0.0200+0.0511i	0.1127-0.1354i	0.4515-0.2974i
29.2	0.7768+0.0959i	0.5448+0.1039i	--	-0.0522-1.5794i	0.3418-0.2646i	-0.0135+0.0570i	0.1079-0.1467i	0.4489-0.3117i
29.3	0.7749+0.0802i	0.5552+0.0776i	--	-0.1130-1.5824i	0.3404-0.3051i	-0.0033+0.0678i	0.1178-0.1647i	0.4358-0.3416i
29.4	0.7690+0.0690i	0.5569+0.0654i	--	-0.1415-1.6298i	0.3120-0.3611i	0.0023+0.0823i	0.0981-0.1942i	0.4030-0.3898i
29.5	0.7457+0.0592i	0.5490+0.0558i	--	-0.1760-1.6698i	0.2626-0.3832i	0.0140+0.0922i	0.0780-0.1896i	0.3982-0.3995i
29.6	0.7243+0.0765i	0.5381+0.0550i	--	-0.1969-1.7106i	0.2458-0.3920i	0.0199+0.0975i	0.0912-0.1930i	0.4060-0.4067i
29.7	0.7164+0.0749i	0.5420+0.0453i	--	-0.2403-1.7613i	0.2403-0.4093i	0.0294+0.0969i	0.0921-0.2259i	0.3960-0.4427i
29.8	0.7157+0.0738i	0.5446+0.0303i	--	-0.3023-1.7889i	0.2323-0.4393i	0.0366+0.1034i	0.0915-0.2695i	0.3898-0.4877i
29.9	0.7220+0.0611i	0.5493+0.0057i	--	-0.4191-1.8047i	0.2361-0.5206i	0.0385+0.1069i	0.0763-0.3858i	0.3885-0.5931i
30.0	0.6996+0.0932i	0.5293+0.0106i	--	-0.4066-1.8222i	0.1188-0.5211i	0.0564+0.1081i	-0.0127-0.3347i	0.2804-0.5621i
30.1	0.7007+0.1066i	0.5182+0.0079i	--	-0.4496-1.8862i	0.0711-0.5406i	0.0607+0.1257i	-0.0627-0.3475i	0.2324-0.5852i
30.2	0.7107+0.1095i	0.5092+0.0054i	--	-0.5280-1.8814i	0.0006-0.5198i	0.0710+0.1324i	-0.1428-0.3233i	0.1664-0.5921i
30.3	0.7278+0.1073i	0.5103+0.0172i	--	-0.6653-1.9031i	-0.0621-0.4842i	0.0893+0.1286i	-0.2166-0.2982i	0.0757-0.5890i
30.4	0.7342+0.0958i	0.5159+0.0166i	--	-0.7518-1.9009i	-0.0905-0.4729i	0.1052+0.1361i	-0.2225-0.2624i	0.0402-0.5676i
30.5	0.7295+0.0652i	0.5280+0.0047i	--	-0.8498-1.8566i	-0.1282-0.4743i	0.1219+0.1541i	-0.2147-0.2204i	0.0201-0.5296i
30.6	0.7026+0.0519i	0.5302-0.0112i	--	-0.9509-1.7855i	-0.1910-0.4238i	0.1450+0.1572i	-0.2218-0.1796i	-0.0089-0.4975i
30.7	0.6762+0.0535i	0.5207-0.0175i	--	-1.0103-1.7268i	-0.2254-0.3900i	0.1794+0.1484i	-0.2226-0.1476i	-0.0109-0.4686i
30.8	0.6582+0.0649i	0.5143-0.0132i	--	-1.0760-1.6760i	-0.2511-0.3527i	0.1996+0.1462i	-0.2097-0.1166i	-0.0315-0.4542i

30.9	0.6588+0.0880i	0.5179-0.0092i	--	-1.1062-1.5934i	-0.2635-0.3075i	0.2196+0.1317i	-0.1972-0.1126i	-0.0640-0.4292i
31.0	0.6623+0.0910i	0.5190-0.0198i	--	-1.1352-1.4956i	-0.2723-0.2584i	0.2421+0.1198i	-0.1904-0.1055i	-0.0724-0.3748i
31.1	0.6581+0.0892i	0.5178-0.0325i	--	-1.1307-1.4128i	-0.2545-0.2067i	0.2585+0.0998i	-0.1425-0.0929i	-0.0125-0.3558i
31.2	0.6513+0.1075i	0.5082-0.0238i	--	-1.1103-1.4042i	-0.2148-0.1981i	0.2626+0.0773i	-0.1114-0.1425i	-0.0144-0.4005i
31.3	0.6559+0.1307i	0.5045-0.0047i	--	-1.1075-1.4149i	-0.2158-0.2085i	0.2622+0.0726i	-0.1424-0.1833i	-0.0822-0.4048i
31.4	0.6597+0.1396i	0.5081-0.0037i	--	-1.1336-1.3677i	-0.2367-0.1971i	0.2691+0.0635i	-0.1849-0.1923i	-0.1088-0.3548i
31.5	0.6801+0.1435i	0.5260-0.0015i	--	-1.1588-1.3172i	-0.2576-0.1695i	0.2799+0.0514i	-0.2171-0.1668i	-0.1020-0.2945i
31.6	0.7056+0.1414i	0.5455-0.0074i	--	-1.1964-1.2683i	-0.2547-0.1328i	0.2836+0.0314i	-0.2274-0.1524i	-0.0885-0.2434i
31.7	0.7152+0.1337i	0.5570-0.0139i	--	-1.2302-1.2029i	-0.2437-0.1069i	0.2915+0.0161i	-0.2463-0.1413i	-0.0715-0.2235i
31.8	0.7272+0.1173i	0.5712-0.0241i	--	-1.2528-1.1247i	-0.2411-0.0672i	0.2976-0.0054i	-0.2731-0.1215i	-0.0345-0.1946i
31.9	0.7405+0.1060i	0.5783-0.0384i	--	-1.2391-1.0635i	-0.2314-0.0389i	0.2931-0.0075i	-0.2814-0.1058i	0.0019-0.1613i
32.0	0.7446+0.0895i	0.5758-0.0499i	--	-1.1991-1.0120i	-0.2032-0.0248i	0.2926-0.0201i	-0.2865-0.0637i	0.0357-0.1741i
32.1	0.7440+0.0773i	0.5646-0.0539i	--	-1.1563-0.9631i	-0.1711-0.0111i	0.2895-0.0336i	-0.2926-0.0340i	0.0727-0.1763i
32.2	0.7361+0.0647i	0.5547-0.0492i	--	-1.1395-0.9662i	-0.1487-0.0079i	0.2913-0.0375i	-0.2788-0.0258i	0.1036-0.1728i
32.3	0.7326+0.0480i	0.5548-0.0468i	--	-1.1339-0.9443i	-0.1157-0.0194i	0.2902-0.0466i	-0.2449-0.0022i	0.1365-0.2040i
32.4	0.7464+0.0278i	0.5635-0.0327i	--	-1.1456-0.9875i	-0.0989-0.0399i	0.2849-0.0546i	-0.2222-0.0041i	0.1500-0.2174i
32.5	0.7345-0.0009i	0.5726-0.0322i	--	-1.1537-0.9337i	-0.1077-0.0662i	0.2847-0.0565i	-0.2156-0.0243i	0.1600-0.2410i
32.6	0.7200-0.0256i	0.5927-0.0285i	--	-1.1832-0.8911i	-0.1206-0.0714i	0.2890-0.0602i	-0.2239-0.0263i	0.1702-0.2762i
32.7	0.6927-0.0580i	0.6061-0.0327i	--	-1.1689-0.8286i	-0.1269-0.0804i	0.2984-0.0724i	-0.2303-0.0239i	0.1677-0.3145i
32.8	0.6647-0.0727i	0.6203-0.0420i	--	-1.0993-0.7588i	-0.1414-0.0743i	0.2923-0.0799i	-0.2366-0.0162i	0.1567-0.3321i
32.9	0.6284-0.0911i	0.6350-0.0483i	--	-1.0414-0.6844i	-0.1704-0.0717i	0.2855-0.0698i	-0.2426+0.0018i	0.1389-0.3364i
33.0	0.5726-0.0955i	0.6473-0.0389i	--	-0.9575-0.6550i	-0.2145-0.0538i	0.2818-0.0613i	-0.2467+0.0333i	0.1234-0.3493i
33.1	0.5083-0.0844i	0.6615-0.0343i	--	-0.8562-0.6708i	-0.2213-0.0216i	0.2879-0.0525i	-0.2401+0.0519i	0.1198-0.3387i
33.2	0.4686-0.0581i	0.6943-0.0370i	--	-0.7919-0.7395i	-0.2194+0.0193i	0.3059-0.0441i	-0.2044+0.0656i	0.1159-0.3160i
33.3	0.4446-0.0221i	0.7310-0.0590i	--	-0.7927-0.7972i	-0.1967+0.0514i	0.3286-0.0354i	-0.1840+0.0713i	0.1317-0.2842i
33.4	0.4301+0.0223i	0.7595-0.0890i	--	-0.7940-0.8631i	-0.1600+0.0760i	0.3597-0.0433i	-0.1630+0.0675i	0.1693-0.2977i
33.5	0.4118+0.0815i	0.7843-0.1334i	--	-0.7745-0.8979i	-0.1241+0.0842i	0.3894-0.0526i	-0.1368+0.0648i	0.2280-0.3051i
33.6	0.4124+0.1184i	0.7951-0.1840i	--	-0.7737-0.9040i	-0.1018+0.0756i	0.4139-0.0777i	-0.1225+0.0502i	0.2527-0.3384i
33.7	0.4217+0.1482i	0.7957-0.2312i	--	-0.8083-0.8908i	-0.0907+0.0665i	0.4281-0.1120i	-0.1213+0.0353i	0.2551-0.3874i
33.8	0.4368+0.1867i	0.7619-0.2604i	--	-0.7823-0.8960i	-0.0734+0.0450i	0.4450-0.1352i	-0.0995+0.0256i	0.2901-0.4169i
33.9	0.4549+0.2317i	0.7342-0.2636i	--	-0.7337-0.9616i	-0.0723+0.0043i	0.4772-0.1532i	-0.0752+0.0050i	0.3422-0.4440i
34.0	0.5040+0.2507i	0.7225-0.2753i	--	-0.7446-1.0249i	-0.1072-0.0086i	0.4920-0.1893i	-0.0761-0.0268i	0.3686-0.5026i
34.1	0.5363+0.2398i	0.7231-0.2728i	--	-0.7933-1.1117i	-0.1343-0.0172i	0.4939-0.2301i	-0.0889-0.0553i	0.3757-0.5667i
34.2	0.5386+0.2148i	0.7100-0.2699i	--	-0.8379-1.1683i	-0.1644-0.0028i	0.4875-0.2699i	-0.1123-0.0810i	0.3772-0.6286i
34.3	0.5221+0.2035i	0.6929-0.2828i	--	-0.8560-1.1330i	-0.1888+0.0330i	0.4759-0.2936i	-0.1408-0.0841i	0.3591-0.6987i
34.4	0.5340+0.2174i	0.7146-0.2789i	--	-0.9299-1.1289i	-0.2122+0.0647i	0.4622-0.3269i	-0.1554-0.0769i	0.3322-0.7924i
34.5	0.5187+0.2412i	0.7257-0.2734i	--	-0.9486-1.1309i	-0.2155+0.1022i	0.4481-0.3600i	-0.1626-0.0748i	0.2822-0.8673i
34.6	0.5111+0.2435i	0.7377-0.2976i	--	-0.9945-1.0620i	-0.2065+0.1317i	0.4341-0.3812i	-0.1784-0.0743i	0.2237-0.9314i
34.7	0.5040+0.2640i	0.7405-0.3066i	--	-0.9863-1.0446i	-0.1925+0.1638i	0.4045-0.3956i	-0.2081-0.0554i	0.1417-0.9844i
34.8	0.5141+0.2969i	0.7551-0.3113i	--	-0.9884-1.0621i	-0.1899+0.1905i	0.3858-0.3998i	-0.2134-0.0262i	0.0899-0.9908i
34.9	0.5477+0.3231i	0.7863-0.3221i	--	-1.0084-1.0937i	-0.1627+0.2202i	0.3745-0.4044i	-0.1927-0.0068i	0.0186-1.0019i
35.0	0.5832+0.3450i	0.8093-0.3387i	--	-1.0307-1.1051i	-0.1483+0.2327i	0.3749-0.4063i	-0.1576+0.0107i	-0.0375-0.9934i
35.1	0.6153+0.3470i	0.8245-0.3726i	--	-1.0568-1.0814i	-0.1143+0.2619i	0.3713-0.4255i	-0.1333+0.0010i	-0.1004-0.9937i
35.2	0.6507+0.3645i	0.8533-0.3770i	--	-1.1260-1.1137i	-0.0824+0.2768i	0.3733-0.4398i	-0.1029+0.0003i	-0.1459-1.0112i
35.3	0.6759+0.3591i	0.8720-0.4063i	--	-1.1697-1.0954i	-0.0750+0.3095i	0.3713-0.4516i	-0.0842-0.0121i	-0.1636-1.0281i
35.4	0.7172+0.3441i	0.9028-0.4444i	--	-1.2463-1.0833i	-0.0422+0.3312i	0.3726-0.4755i	-0.0552-0.0410i	-0.2125-1.0323i
35.5	0.7309+0.3060i	0.9064-0.5119i	--	-1.2217-0.9973i	-0.0078+0.3385i	0.3750-0.4909i	-0.0459-0.0686i	-0.2534-1.0292i
35.6	0.7281+0.2734i	0.8964-0.5670i	--	-1.1713-0.9263i	0.0328+0.3374i	0.3684-0.5049i	-0.0357-0.0925i	-0.3012-1.0069i
35.7	0.7227+0.2467i	0.8802-0.6212i	--	-1.1347-0.8788i	0.0617+0.3547i	0.3686-0.5483i	-0.0252-0.1499i	-0.3241-1.0472i
35.8	0.6989+0.2097i	0.8515-0.6911i	--	-1.0391-0.7937i	0.1042+0.3615i	0.3484-0.5995i	-0.0422-0.2388i	-0.3563-1.0818i
35.9	0.6906+0.2128i	0.8312-0.7070i	--	-1.0046-0.8901i	0.1365+0.3619i	0.3140-0.6371i	-0.0777-0.2731i	-0.4013-1.1192i
36.0	0.6750+0.1988i	0.8060-0.7733i	--	-0.9697-0.8636i	0.1809+0.3875i	0.2562-0.6595i	-0.1546-0.3274i	-0.5177-1.1969i
36.1	0.6569+0.1850i	0.7619-0.8306i	--	-0.8989-0.8293i	0.2403+0.4111i	0.2091-0.6699i	-0.2235-0.3595i	-0.6378-1.2348i
36.2	0.6333+0.2031i	0.7096-0.8377i	--	-0.8507-0.9027i	0.3120+0.3922i	0.1880-0.6564i	-0.2762-0.3474i	-0.7474-1.1934i
36.3	0.6225+0.2187i	0.6786-0.8528i	--	-0.8323-0.9628i	0.3618+0.3683i	0.1715-0.6599i	-0.3160-0.3319i	-0.8258-1.1810i
36.4	0.6116+0.2401i	0.6500-0.8644i	--	-0.8074-1.0350i	0.4093+0.3215i	0.1529-0.6691i	-0.3418-0.3201i	-0.9130-1.1144i
36.5	0.5941+0.2567i	0.5766-0.8666i	--	-0.6973-1.2008i	0.5045+0.2073i	0.1087-0.6501i	-0.4190-0.3037i	-1.1024-0.9360i
36.6	0.6018+0.2624i	0.5490-0.8564i	--	-0.7214-1.3201i	0.5261+0.1561i	0.0759-0.6355i	-0.4461-0.2847i	-1.1696-0.8618i
36.7	0.5791+0.2777i	0.5029-0.8482i	--	-0.7461-1.3962i	0.5604+0.1023i	0.0644-0.6215i	-0.4791-0.2817i	-1.2339-0.8090i
36.8	0.5803+0.3009i	0.5005-0.8325i	--	-0.8236-1.5023i	0.5549+0.0345i	0.0426-0.6075i	-0.5158-0.2682i	-1.2668-0.7022i
36.9	0.5841+0.3200i	0.5079-0.8242i	--	-0.9899-1.6010i	0.5435-0.0565i	0.0289-0.5616i	-0.5618-0.2252i	-1.2996-0.5447i
37.0	0.5677+0.3416i	0.4822-0.8183i	--	-1.0385-1.5969i	0.5315-0.1040i	0.0672-0.5520i	-0.5801-0.2064i	-1.2900-0.4791i
37.1	0.5894+0.4262i	0.5136-0.7854i	--	-1.1414-1.7634i	0.4881-0.2195i	0.0812-0.6032i	-0.6277-0.2113i	-1.2936-0.3609i

37.2	0.6275+0.4486i	0.5392-0.8060i	--	-1.2441-1.8148i	0.4482-0.2838i	0.0536-0.6037i	-0.6760-0.1806i	-1.2987-0.2469i
37.3	0.6788+0.4551i	0.5698-0.8321i	--	-1.4172-1.8196i	0.3669-0.3201i	0.0399-0.5867i	-0.7422-0.1344i	-1.2849-0.1482i
37.4	0.7132+0.4471i	0.5688-0.8699i	--	-1.5506-1.7756i	0.2770-0.3299i	0.0458-0.5780i	-0.7864-0.0681i	-1.2245-0.0646i
37.5	0.7135+0.4257i	0.5247-0.9471i	--	-1.5637-1.6765i	0.1890-0.2983i	0.0652-0.5778i	-0.8014+0.0222i	-1.1344-0.0043i
37.6	0.7036+0.4114i	0.4869-0.9995i	--	-1.5654-1.6316i	0.1479-0.2470i	0.0841-0.5941i	-0.7963+0.1236i	-1.0519+0.0331i
37.7	0.6906+0.4299i	0.4611-1.0182i	--	-1.6013-1.6801i	0.1515-0.2158i	0.0890-0.6129i	-0.7734+0.1967i	-1.0121+0.0670i
37.8	0.6872+0.4514i	0.4517-1.0519i	--	-1.7207-1.6792i	0.1595-0.1971i	0.0806-0.6349i	-0.7265+0.2469i	-0.9716+0.0769i
37.9	0.6962+0.4933i	0.4058-1.0852i	--	-1.8204-1.7117i	0.1314-0.2040i	0.0911-0.6781i	-0.6652+0.2826i	-0.8592+0.0786i
38.0	0.7244+0.5509i	0.3445-1.1175i	--	-1.8993-1.6776i	0.0987-0.2055i	0.0683-0.7464i	-0.6185+0.2756i	-0.7710+0.0186i
38.1	0.7880+0.5867i	0.2666-1.1474i	--	-1.9420-1.5245i	0.0775-0.1653i	-0.0208-0.7429i	-0.6319+0.2415i	-0.8310-0.0687i
38.2	0.8453+0.5863i	0.2494-1.1297i	--	-2.0021-1.5007i	0.0783-0.1346i	-0.0494-0.7095i	-0.6659+0.2577i	-0.8961-0.0800i
38.3	0.8838+0.5624i	0.1991-1.1283i	--	-1.9638-1.4247i	0.1010-0.1045i	-0.0520-0.6650i	-0.7028+0.3003i	-0.9937-0.0474i
38.4	0.9495+0.5469i	0.1616-1.1100i	--	-1.9821-1.4441i	0.1290-0.0813i	-0.0229-0.6743i	-0.7172+0.4210i	-1.0463+0.0420i
38.5	0.9971+0.5347i	0.1288-1.1109i	--	-2.0048-1.5355i	0.1396-0.0981i	-0.0066-0.7166i	-0.6549+0.5238i	-0.9955+0.1702i
38.6	1.0448+0.5238i	0.1082-1.1038i	--	-2.0800-1.6054i	0.1586-0.1059i	-0.0181-0.7469i	-0.5763+0.5930i	-0.9462+0.2457i
38.7	1.1071+0.4651i	0.1247-1.1591i	--	-2.3026-1.4781i	0.1782-0.1094i	-0.0498-0.7761i	-0.4793+0.6016i	-0.9242+0.2686i
38.8	1.1280+0.3997i	0.0411-1.2041i	--	-2.3326-1.3526i	0.1980-0.1358i	-0.0836-0.7676i	-0.4031+0.5997i	-0.8977+0.3106i
38.9	1.1317+0.3582i	-0.0235-1.1920i	--	-2.3598-1.3639i	0.2067-0.1538i	-0.1113-0.7670i	-0.3306+0.6074i	-0.8546+0.3491i
39.0	1.1288+0.3217i	-0.1021-1.1922i	--	-2.3892-1.3302i	0.2019-0.1839i	-0.1281-0.7789i	-0.2522+0.6080i	-0.7747+0.3956i
39.1	1.0726+0.2966i	-0.2043-1.1559i	--	-2.3366-1.2806i	0.1958-0.2136i	-0.1195-0.7973i	-0.1961+0.5400i	-0.7031+0.3759i
39.2	1.0256+0.2769i	-0.3030-1.1162i	--	-2.2410-1.2531i	0.1638-0.2232i	-0.1240-0.8295i	-0.1584+0.4760i	-0.6371+0.3360i
39.3	1.0287+0.2707i	-0.3436-1.0855i	--	-2.2673-1.3466i	0.1302-0.2430i	-0.1482-0.8723i	-0.1247+0.4306i	-0.5765+0.3312i
39.4	1.0172+0.2882i	-0.3815-1.0455i	--	-2.3702-1.3862i	0.0851-0.2462i	-0.2181-0.9084i	-0.1336+0.3521i	-0.5548+0.2892i
39.5	1.0368+0.3355i	-0.4399-0.9685i	--	-2.4274-1.4459i	0.0516-0.2313i	-0.2641-0.9025i	-0.1524+0.3341i	-0.5217+0.3071i
39.6	1.0525+0.3383i	-0.4873-0.9159i	--	-2.4998-1.4407i	0.0394-0.2261i	-0.3073-0.8855i	-0.1675+0.3345i	-0.4985+0.3262i
39.7	1.0799+0.3337i	-0.4997-0.8693i	--	-2.6552-1.3704i	0.0258-0.2149i	-0.3376-0.8652i	-0.1600+0.3103i	-0.4640+0.3013i
39.8	1.1483+0.3437i	-0.5041-0.7938i	--	-2.7309-1.2909i	0.0171-0.1921i	-0.3738-0.8467i	-0.1806+0.2720i	-0.4553+0.2682i
39.9	1.1801+0.3208i	-0.5221-0.7273i	--	-2.7652-1.2669i	0.0091-0.1758i	-0.4041-0.8503i	-0.2042+0.2759i	-0.4402+0.2509i
40.0	1.1965+0.2780i	-0.5380-0.6450i	--	-2.7983-1.3187i	0.0098-0.1548i	-0.4322-0.8454i	-0.2204+0.2852i	-0.4268+0.2224i
40.1	1.2078+0.2431i	-0.5191-0.5820i	--	-2.9248-1.2963i	0.0255-0.1445i	-0.4483-0.8376i	-0.2364+0.2824i	-0.4369+0.2003i
40.2	1.1926+0.2162i	-0.4999-0.5145i	--	-2.9541-1.2814i	0.0428-0.1502i	-0.4826-0.8257i	-0.2501+0.3043i	-0.4490+0.2097i
40.3	1.1785+0.1975i	-0.4876-0.4800i	--	-2.9775-1.2596i	0.0427-0.1557i	-0.4956-0.8083i	-0.2460+0.3281i	-0.4408+0.2267i
40.4	1.1760+0.2123i	-0.4560-0.4545i	--	-3.1025-1.2757i	0.0375-0.1615i	-0.5044-0.8035i	-0.2391+0.3632i	-0.4381+0.2443i
40.5	1.2326+0.2194i	-0.4149-0.4175i	--	-3.2914-1.2022i	0.0242-0.1714i	-0.5312-0.8007i	-0.1932+0.3779i	-0.4334+0.2425i
40.6	1.2707+0.1913i	-0.3995-0.3851i	--	-3.4325-1.1394i	0.0107-0.1703i	-0.5555-0.7811i	-0.1407+0.3683i	-0.4046+0.2468i
40.7	1.3018+0.1544i	-0.3741-0.3666i	--	-3.5618-1.0615i	-0.0117-0.1608i	-0.5772-0.7604i	-0.1031+0.3468i	-0.3802+0.2447i
40.8	1.3067+0.1207i	-0.3416-0.3474i	--	-3.6614-0.9010i	-0.0186-0.1404i	-0.5821-0.7478i	-0.0901+0.3122i	-0.3513+0.2239i
40.9	1.3366+0.0984i	-0.3048-0.3095i	--	-3.7493-0.8242i	-0.0281-0.1274i	-0.5918-0.7399i	-0.0790+0.2896i	-0.3447+0.2077i
41.0	1.3756+0.0459i	-0.2960-0.2993i	--	-3.8072-0.7421i	-0.0364-0.1122i	-0.5991-0.7364i	-0.0640+0.2554i	-0.3334+0.1847i
41.1	1.3716-0.0686i	-0.2553-0.2865i	--	-3.8462-0.6218i	-0.0388-0.1025i	-0.6317-0.7278i	-0.0775+0.2173i	-0.3329+0.1771i
41.2	1.3048-0.1624i	-0.2105-0.2841i	--	-4.0009-0.5104i	-0.0448-0.0876i	-0.6406-0.7314i	-0.0750+0.1783i	-0.3332+0.1426i
41.3	1.1836-0.1154i	-0.1815-0.2882i	--	-4.0779-0.2562i	-0.0375-0.0626i	-0.6715-0.7460i	-0.0873+0.1348i	-0.3437+0.1087i
41.4	1.2436+0.0029i	-0.1629-0.2822i	--	-4.0218-0.1643i	-0.0089-0.0492i	-0.6959-0.7311i	-0.1118+0.1158i	-0.3432+0.1052i
41.5	1.3602-0.1173i	-0.1355-0.2868i	--	-4.1384-0.0234i	0.0078-0.0473i	-0.6915-0.7324i	-0.1439+0.0803i	-0.3694+0.0956i
41.6	1.3560-0.2013i	-0.1131-0.3135i	--	-4.1042+0.2049i	0.0195-0.0383i	-0.7123-0.7313i	-0.1677+0.0589i	-0.3723+0.0887i
41.7	1.3396-0.3085i	-0.1086-0.3357i	--	-3.9908+0.4013i	0.0276-0.0422i	-0.7137-0.7339i	-0.1927+0.0320i	-0.3774+0.0877i
41.8	1.2133-0.3757i	-0.0928-0.3374i	--	-3.9040+0.5689i	0.0279-0.0424i	-0.7469-0.7491i	-0.2393+0.0024i	-0.4010+0.0698i
41.9	1.2629-0.3158i	-0.0852-0.3456i	--	-3.7348+0.4985i	0.0298-0.0437i	-0.7604-0.7433i	-0.2530+0.0174i	-0.3820+0.0743i
42.0	1.2452-0.4439i	-0.0670-0.3635i	--	-3.9065+0.4862i	0.0205-0.0325i	-0.7815-0.7992i	-0.2723-0.0289i	-0.3752+0.0409i
42.1	1.1656-0.4742i	-0.0786-0.3794i	--	-3.8989+0.6642i	0.0235-0.0229i	-0.8555-0.8328i	-0.3285-0.0590i	-0.3943+0.0078i
42.2	1.0913-0.6021i	-0.0947-0.3973i	--	-3.7299+0.8445i	0.0462-0.0119i	-0.9389-0.8575i	-0.4129-0.0914i	-0.4398-0.0255i
42.3	0.9412-0.6474i	-0.0862-0.3862i	--	-3.7240+0.7846i	0.0472-0.0173i	-1.0020-0.8436i	-0.4705-0.0907i	-0.4791-0.0426i
42.4	0.8213-0.5751i	-0.0702-0.4035i	--	-3.9069+0.9051i	0.0511+0.0070i	-1.1110-0.8206i	-0.5557-0.1175i	-0.5363-0.0555i
42.5	0.7385-0.5711i	-0.0978-0.4231i	--	-3.8086+1.1384i	0.0805+0.0344i	-1.2162-0.7876i	-0.6979-0.1016i	-0.5891-0.0337i
42.6	0.6222-0.5049i	-0.1056-0.4276i	--	-3.7652+1.2801i	0.1036+0.0394i	-1.3093-0.7376i	-0.8123-0.0227i	-0.6255-0.0127i
42.7	0.5663-0.3822i	-0.1644-0.4444i	--	-3.4560+1.5778i	0.1545+0.0456i	-1.4278-0.6618i	-0.9675+0.0618i	-0.6823+0.0138i
42.8	0.5917-0.3399i	-0.1902-0.3701i	--	-3.0200+1.2677i	0.1926+0.0063i	-1.4769-0.5134i	-1.0187+0.2592i	-0.6953+0.0712i
42.9	0.5483-0.3041i	-0.1288-0.3562i	--	-3.3339+0.9444i	0.1753-0.0054i	-1.4432-0.4320i	-0.9445+0.3538i	-0.7011+0.0844i
43.0	0.5343-0.2723i	-0.1175-0.3881i	--	-3.6328+1.1909i	0.2010+0.0121i	-1.4576-0.3606i	-0.9614+0.3944i	-0.7482+0.1037i
43.1	0.4594-0.2631i	-0.1487-0.4073i	--	-3.5120+1.5295i	0.2397+0.0008i	-1.4856-0.2705i	-1.0337+0.4766i	-0.7905+0.1456i
43.2	0.3259-0.2149i	-0.1808-0.3833i	--	-3.2601+1.6379i	0.2698-0.0445i	-1.5170-0.1759i	-1.0867+0.6367i	-0.8226+0.2140i
43.3	0.1545+0.2966i	-0.2074-0.3213i	--	-2.9355+1.6051i	0.3093-0.0918i	-1.5554-0.0377i	-1.0617+0.9088i	-0.8324+0.3159i
43.4	0.6352+0.3571i	-0.1610-0.2676i	--	-2.8323+1.2471i	0.2994-0.1688i	-1.4749+0.0798i	-0.8811+1.0581i	-0.7979+0.3907i

43.5	0.7947+0.1392i	-0.0958-0.2850i	--	-3.1023+1.0479i	0.2710-0.2025i	-1.4112+0.1044i	-0.7516+1.0755i	-0.7698+0.3874i
43.6	0.7099-0.0508i	-0.0694-0.3356i	--	-3.5357+1.1481i	0.2293-0.2229i	-1.4007+0.1214i	-0.6483+1.0956i	-0.7678+0.4053i
43.7	0.4855+0.0531i	-0.0968-0.3556i	--	-3.6266+1.5444i	0.1998-0.2434i	-1.4398+0.2044i	-0.5828+1.1699i	-0.7993+0.4908i
43.8	0.4901+0.2601i	-0.1140-0.3337i	--	-3.5055+1.7205i	0.1713-0.2552i	-1.4114+0.3247i	-0.4570+1.2329i	-0.7742+0.5760i
43.9	0.6879+0.3820i	-0.1102-0.2960i	--	-3.2589+1.7274i	0.1476-0.2583i	-1.3209+0.4186i	-0.2883+1.2265i	-0.7036+0.6515i
44.0	0.8592+0.3099i	-0.0876-0.2436i	--	-3.0403+1.5405i	0.1196-0.2734i	-1.2280+0.4974i	-0.1220+1.1893i	-0.6275+0.7103i
44.1	0.9519+0.3038i	-0.0393-0.2428i	--	-3.1212+1.3451i	0.0878-0.2624i	-1.1240+0.5359i	-0.0245+1.1048i	-0.5512+0.7239i
44.2	1.0955+0.0886i	0.0185-0.3112i	--	-3.6245+1.4282i	0.0644-0.2389i	-1.0267+0.5024i	-0.0399+0.9222i	-0.4873+0.7053i
44.3	0.9367-0.1002i	-0.0087-0.3349i	--	-3.6395+1.8086i	0.0589-0.2269i	-0.9718+0.4920i	-0.0990+0.9242i	-0.4308+0.7034i
44.4	0.7437-0.0700i	-0.0070-0.3190i	--	-3.5718+1.8682i	0.0476-0.2193i	-0.9259+0.4921i	-0.0670+0.9508i	-0.3741+0.7072i
44.5	0.7101+0.1557i	0.0135-0.3294i	--	-3.6626+2.0621i	0.0420-0.1896i	-0.8767+0.4578i	-0.0260+0.9285i	-0.3262+0.6927i
44.6	0.8005+0.2688i	0.0176-0.3337i	--	-3.5805+2.2943i	0.0392-0.1637i	-0.8644+0.4307i	0.0107+0.9189i	-0.2864+0.6798i
44.7	0.8784+0.2816i	0.0419-0.3422i	--	-3.5007+2.3475i	0.0365-0.1294i	-0.8460+0.4230i	0.0679+0.8588i	-0.2536+0.6347i
44.8	1.0253+0.3684i	0.0449-0.3506i	--	-3.3331+2.4224i	0.0726-0.1159i	-0.8349+0.4260i	0.1135+0.7998i	-0.2233+0.6099i
44.9	1.2574+0.2500i	0.0732-0.3615i	--	-3.2276+2.3157i	0.1147-0.1453i	-0.8294+0.4216i	0.1281+0.7070i	-0.2013+0.5689i
45.0	1.1827+0.0605i	0.1225-0.4000i	--	-3.5264+2.3265i	0.1042-0.1593i	-0.8247+0.4508i	0.0859+0.6298i	-0.2160+0.5454i
45.1	1.1237+0.0137i	0.1038-0.4509i	--	-3.4162+2.5907i	0.1086-0.1733i	-0.7772+0.4454i	0.0322+0.6191i	-0.2130+0.5309i
45.2	1.1201-0.0418i	0.1040-0.4743i	--	-3.4471+2.6586i	0.0959-0.1789i	-0.7395+0.4284i	-0.0141+0.5908i	-0.1902+0.5145i
45.3	1.0201-0.0333i	0.0648-0.5260i	--	-3.3437+3.1316i	0.0951-0.1740i	-0.7367+0.3976i	-0.1086+0.5905i	-0.1955+0.4900i
45.4	1.0336+0.0265i	0.0019-0.5280i	--	-2.9524+3.4149i	0.1285-0.1747i	-0.7462+0.3948i	-0.1190+0.6415i	-0.2031+0.4804i
45.5	1.1243+0.0746i	0.0041-0.4811i	--	-2.6002+3.1873i	0.1466-0.2065i	-0.7376+0.4048i	-0.1016+0.6517i	-0.1957+0.4815i
45.6	1.2544-0.0395i	0.0640-0.4955i	--	-2.9388+2.9010i	0.1114-0.2457i	-0.7187+0.3587i	-0.1368+0.5628i	-0.1995+0.4665i
45.7	1.1759-0.1707i	0.0024-0.5676i	--	-2.7652+3.3791i	0.0903-0.2471i	-0.7691+0.3821i	-0.2354+0.6292i	-0.2119+0.4686i
45.8	1.1514-0.1877i	-0.0186-0.5425i	--	-2.4692+3.3063i	0.0622-0.2653i	-0.7569+0.4259i	-0.2595+0.6849i	-0.1946+0.4760i
45.9	1.1579-0.2604i	-0.0068-0.5439i	--	-2.6599+3.2526i	0.0216-0.2526i	-0.7433+0.4169i	-0.3285+0.6929i	-0.1892+0.4714i
46.0	1.0741-0.2994i	-0.0330-0.5659i	--	-2.5230+3.4245i	0.0133-0.2145i	-0.7659+0.4302i	-0.3921+0.7946i	-0.2030+0.4657i
46.1	1.0085-0.3021i	-0.0723-0.5946i	--	-2.3563+3.6509i	0.0340-0.1695i	-0.7517+0.4581i	-0.3977+0.9366i	-0.2145+0.4548i
46.2	0.9724-0.2596i	-0.0882-0.5736i	--	-2.2313+3.7028i	0.0533-0.1759i	-0.7576+0.4658i	-0.3702+1.0513i	-0.2124+0.4753i
46.3	1.0136-0.2359i	-0.1261-0.5446i	--	-1.9067+3.5799i	0.0540-0.2121i	-0.7604+0.4963i	-0.3210+1.1473i	-0.2063+0.4930i
46.4	1.0453-0.3204i	-0.1283-0.5206i	--	-1.7906+3.4318i	0.0130-0.2232i	-0.7394+0.5408i	-0.2686+1.2406i	-0.1888+0.4978i
46.5	0.9731-0.3674i	-0.0965-0.5126i	--	-1.9073+3.3949i	-0.0077-0.1980i	-0.7231+0.5668i	-0.2054+1.3072i	-0.1960+0.4858i
46.6	0.8806-0.3455i	-0.0797-0.5338i	--	-1.8914+3.5857i	0.0062-0.1657i	-0.6712+0.5899i	-0.0931+1.4096i	-0.1957+0.5002i
46.7	0.8851-0.3341i	-0.0638-0.5104i	--	-1.8077+3.4346i	-0.0046-0.1664i	-0.6126+0.6216i	0.0246+1.4549i	-0.1700+0.5105i
46.8	0.8856-0.3364i	-0.0355-0.5850i	--	-1.9577+3.6355i	0.0051-0.1248i	-0.5689+0.5846i	0.1076+1.4791i	-0.1679+0.5009i
46.9	0.8652-0.3795i	-0.1046-0.6118i	--	-1.6296+3.8713i	0.0341-0.1088i	-0.5518+0.5885i	0.2070+1.5090i	-0.1607+0.5270i
47.0	0.7989-0.4001i	-0.1131-0.5880i	--	-1.4880+3.8098i	0.0440-0.1085i	-0.5450+0.5754i	0.3098+1.5215i	-0.1481+0.5346i
47.1	0.7333-0.3571i	-0.0905-0.6032i	--	-1.4705+3.8132i	0.0637-0.0938i	-0.5444+0.5827i	0.4535+1.5480i	-0.1298+0.5307i
47.2	0.6985-0.3275i	-0.1424-0.6652i	--	-1.3076+4.0734i	0.0874-0.0720i	-0.5068+0.5806i	0.5991+1.5704i	-0.1093+0.5440i
47.3	0.6887-0.2834i	-0.2231-0.6336i	--	-0.8887+4.0046i	0.1164-0.0836i	-0.4790+0.5642i	0.7370+1.4902i	-0.0926+0.5381i
47.4	0.6940-0.2479i	-0.2584-0.5704i	--	-0.5210+3.7685i	0.1534-0.1107i	-0.4428+0.5347i	0.8935+1.3720i	-0.0634+0.5232i
47.5	0.7141-0.2631i	-0.2387-0.5327i	--	-0.4835+3.5726i	0.1645-0.1306i	-0.4222+0.5095i	0.9819+1.2783i	-0.0355+0.5098i
47.6	0.7194-0.2912i	-0.2050-0.5128i	--	-0.4790+3.4213i	0.1828-0.1604i	-0.4319+0.4791i	1.0466+1.1551i	-0.0325+0.4890i
47.7	0.7013-0.3470i	-0.1812-0.4986i	--	-0.4890+3.1789i	0.1853-0.1960i	-0.4308+0.4760i	1.0831+1.0309i	-0.0263+0.4688i
47.8	0.5875-0.3532i	-0.1651-0.5694i	--	-0.5624+3.2961i	0.1955-0.1955i	-0.4274+0.4381i	1.1263+0.9152i	-0.0343+0.4481i
47.9	0.5699-0.3353i	-0.2079-0.5962i	--	-0.3896+3.3535i	0.2087-0.2163i	-0.4433+0.4125i	1.1242+0.8014i	-0.0419+0.4523i
48.0	0.4703-0.3095i	-0.2365-0.5870i	--	-0.2804+3.2891i	0.2087-0.2499i	-0.4787+0.3865i	1.1248+0.7119i	-0.0319+0.4508i
48.1	0.4561-0.1618i	-0.2532-0.5834i	--	-0.1393+3.1553i	0.2022-0.3065i	-0.5158+0.4173i	1.1065+0.5703i	-0.0277+0.4615i
48.2	0.5190-0.1738i	-0.2580-0.5927i	--	-0.1850+3.1289i	0.1660-0.3426i	-0.5203+0.4265i	1.0293+0.4843i	-0.0154+0.4647i
48.3	0.5333-0.2273i	-0.2828-0.5870i	--	-0.0959+3.1396i	0.1191-0.3559i	-0.5234+0.4471i	0.9504+0.4612i	0.0122+0.4733i
48.4	0.4207-0.2489i	-0.2901-0.5520i	--	-0.0353+2.9969i	0.0959-0.3136i	-0.5122+0.4558i	0.9336+0.4476i	0.0223+0.4335i
48.5	0.3603-0.1922i	-0.2828-0.5248i	--	-0.0817+2.8768i	0.1011-0.3143i	-0.5190+0.4588i	0.9011+0.3685i	0.0108+0.4107i
48.6	0.2666-0.1023i	-0.2729-0.5321i	--	-0.0988+2.8244i	0.0731-0.3240i	-0.5310+0.4648i	0.7951+0.3515i	-0.0006+0.4122i
48.7	0.2920+0.0737i	-0.2574-0.5360i	--	-0.1136+2.8276i	0.0696-0.3183i	-0.5387+0.4819i	0.7465+0.3702i	-0.0008+0.4099i
48.8	0.4669+0.1684i	-0.2779-0.5269i	--	-0.1112+2.6898i	0.0391-0.3097i	-0.5488+0.5004i	0.7082+0.4088i	0.0032+0.3991i
48.9	0.5430+0.0829i	-0.3184-0.5233i	--	-0.0445+2.6112i	0.0264-0.2984i	-0.5302+0.5130i	0.6832+0.4698i	0.0116+0.3920i
49.0	0.5028+0.0343i	-0.3088-0.5198i	--	-0.0024+2.5858i	0.0304-0.2777i	-0.5016+0.5163i	0.6780+0.5259i	0.0196+0.3949i
49.1	0.4656+0.0541i	-0.2887-0.5312i	--	-0.0590+2.5506i	0.0441-0.2460i	-0.4833+0.5114i	0.7060+0.5615i	0.0100+0.3906i
49.2	0.5102+0.0744i	-0.3042-0.5402i	--	-0.1375+2.5772i	0.0678-0.2459i	-0.4823+0.4979i	0.7598+0.5555i	0.0082+0.3847i
49.3	0.4951+0.0783i	-0.3403-0.5236i	--	-0.0868+2.5641i	0.0890-0.2672i	-0.4953+0.5066i	0.8570+0.5208i	0.0028+0.3734i
49.4	0.4442+0.0933i	-0.3220-0.5244i	--	-0.0359+2.5620i	0.0971-0.2832i	-0.4907+0.5002i	0.8946+0.4991i	0.0045+0.3772i
49.5	0.4575+0.1534i	-0.3372-0.5281i	--	-0.0002+2.5509i	0.1000-0.2950i	-0.4837+0.4861i	0.9155+0.4360i	0.0139+0.3700i
49.6	0.5015+0.1313i	-0.3540-0.5011i	--	0.0116+2.4375i	0.0736-0.3217i	-0.5079+0.4770i	0.9090+0.3387i	0.0183+0.3655i
49.7	0.4079+0.1326i	-0.3364-0.4991i	--	-0.0402+2.3800i	0.0548-0.3128i	-0.5013+0.4569i	0.8772+0.3095i	0.0229+0.3611i

49.8	0.4024+0.2490i	-0.3264-0.5240i	--	-0.1956+2.4062i	0.0438-0.2972i	-0.5420+0.4632i	0.8522+0.2636i	0.0064+0.3352i
49.9	0.4365+0.3307i	-0.3523-0.5531i	--	-0.1741+2.4860i	0.0390-0.2941i	-0.5784+0.4892i	0.8210+0.2448i	-0.0003+0.3293i
50.0	0.4742+0.3415i	-0.3741-0.5621i	--	-0.0353+2.5542i	0.0391-0.2916i	-0.5889+0.5095i	0.7852+0.2635i	0.0085+0.3393i
50.1	0.4861+0.3561i	-0.3898-0.5427i	--	0.0844+2.5617i	0.0408-0.2845i	-0.6183+0.5160i	0.7737+0.2816i	0.0125+0.3244i
50.2	0.5630+0.3839i	-0.3945-0.4895i	--	0.0572+2.4542i	0.0413-0.2792i	-0.6159+0.5577i	0.7570+0.2701i	-0.0056+0.3205i
50.3	0.6445+0.3863i	-0.3945-0.4622i	--	-0.0083+2.3491i	0.0340-0.2744i	-0.6167+0.6066i	0.7583+0.2537i	-0.0238+0.3172i
50.4	0.6637+0.3299i	-0.4026-0.4484i	--	-0.0319+2.2310i	0.0412-0.2776i	-0.6112+0.6543i	0.7648+0.2613i	-0.0423+0.3117i
50.5	0.5816+0.3062i	-0.3899-0.4650i	--	-0.0106+2.1796i	0.0631-0.2850i	-0.5958+0.6349i	0.7810+0.2843i	-0.0377+0.3209i
50.6	0.5261+0.3617i	-0.3802-0.5110i	--	-0.0575+2.3684i	0.0998-0.2671i	-0.6398+0.6393i	0.8085+0.2788i	-0.0391+0.3341i
50.7	0.5842+0.4445i	-0.4137-0.4817i	--	-0.0473+2.3245i	0.1068-0.2846i	-0.6428+0.6576i	0.8230+0.2583i	-0.0351+0.3385i
50.8	0.6185+0.4232i	-0.3966-0.4731i	--	-0.0584+2.3370i	0.1179-0.2962i	-0.6605+0.6779i	0.8317+0.2461i	-0.0357+0.3372i
50.9	0.5479+0.4711i	-0.4065-0.5026i	--	-0.0655+2.3590i	0.1436-0.2928i	-0.6773+0.6744i	0.8594+0.2669i	-0.0301+0.3364i
51.0	0.6209+0.5565i	-0.4419-0.4775i	--	-0.0597+2.3243i	0.1569-0.3315i	-0.6898+0.7129i	0.8740+0.2340i	-0.0269+0.3380i
51.1	0.6869+0.5657i	-0.4408-0.4846i	--	-0.0126+2.3737i	0.1531-0.3611i	-0.6996+0.7870i	0.8734+0.1955i	-0.0453+0.3459i
51.2	0.7327+0.5761i	-0.4601-0.4783i	--	0.0353+2.3628i	0.1520-0.3752i	-0.7061+0.8406i	0.8904+0.1935i	-0.0448+0.3468i
51.3	0.7265+0.5290i	-0.4687-0.4709i	--	0.0817+2.3694i	0.1634-0.4064i	-0.6605+0.9198i	0.9249+0.1562i	-0.0597+0.3645i
51.4	0.7316+0.5863i	-0.4762-0.4626i	--	0.0785+2.3797i	0.1597-0.4312i	-0.6570+0.9820i	0.9318+0.0918i	-0.0709+0.3632i
51.5	0.7851+0.6126i	-0.4663-0.4437i	--	0.0221+2.3547i	0.1630-0.4618i	-0.6413+1.0600i	0.9248+0.0336i	-0.0804+0.3682i
51.6	0.8394+0.6315i	-0.4721-0.4469i	--	0.0640+2.3622i	0.1341-0.4942i	-0.5553+1.1384i	0.8778-0.0404i	-0.0830+0.3716i
51.7	0.8911+0.6176i	-0.4738-0.4388i	--	0.1324+2.4063i	0.0965-0.4881i	-0.4457+1.1374i	0.8120-0.0359i	-0.0845+0.3848i
51.8	0.9027+0.6039i	-0.4752-0.4613i	--	0.2027+2.4768i	0.0921-0.4834i	-0.3746+1.1229i	0.7584-0.0073i	-0.0833+0.4062i
51.9	0.9478+0.5945i	-0.4993-0.4543i	--	0.1845+2.4941i	0.1038-0.4839i	-0.3218+1.0987i	0.7239+0.0196i	-0.0939+0.4346i
52.0	0.9721+0.5794i	-0.5046-0.4043i	--	0.1527+2.4636i	0.1002-0.4831i	-0.3148+1.0672i	0.7165+0.0777i	-0.1023+0.4447i
52.1	1.0121+0.5888i	-0.5233-0.3682i	--	0.2396+2.3557i	0.1070-0.5131i	-0.2864+1.0764i	0.7519+0.1271i	-0.0859+0.4607i
52.2	1.0086+0.5951i	-0.5213-0.3764i	--	0.2864+2.2926i	0.1232-0.5398i	-0.2658+1.0698i	0.8367+0.1451i	-0.0782+0.4674i
52.3	1.0470+0.6336i	-0.5146-0.3889i	--	0.3158+2.3190i	0.1482-0.5875i	-0.2422+1.0697i	0.9382+0.1002i	-0.0769+0.4910i
52.4	1.0809+0.5988i	-0.4974-0.3734i	--	0.3194+2.3320i	0.1594-0.6365i	-0.2394+1.0823i	0.9876+0.0213i	-0.0712+0.5126i
52.5	1.0654+0.5862i	-0.4971-0.3936i	--	0.3953+2.3523i	0.1521-0.6967i	-0.2207+1.0919i	1.0160-0.0561i	-0.0548+0.5340i
52.6	1.0953+0.6389i	-0.5109-0.3847i	--	0.3746+2.2296i	0.1343-0.7887i	-0.2028+1.0861i	1.0302-0.1510i	-0.0437+0.5629i
52.7	1.1429+0.6506i	-0.5239-0.3822i	--	0.3010+2.1202i	0.0570-0.8947i	-0.1839+1.0924i	0.9777-0.2679i	-0.0247+0.5958i
52.8	1.1648+0.6424i	-0.5329-0.3898i	--	0.2925+2.2176i	-0.0435-0.9401i	-0.1627+1.1084i	0.8637-0.3448i	0.0128+0.6283i
52.9	1.2155+0.6561i	-0.5463-0.3877i	--	0.3272+2.2396i	-0.1687-0.9132i	-0.1353+1.1322i	0.7221-0.3208i	0.0572+0.6319i
53.0	1.2817+0.6776i	-0.5717-0.4106i	--	0.3769+2.3220i	-0.2350-0.8566i	-0.0882+1.1747i	0.6937-0.2016i	0.1213+0.6248i
53.1	1.3647+0.6766i	-0.6008-0.4033i	--	0.4585+2.3943i	-0.2553-0.8482i	-0.0524+1.1884i	0.7651-0.1553i	0.1783+0.5971i
53.2	1.4397+0.6306i	-0.6189-0.3888i	--	0.5243+2.4508i	-0.2924-0.8647i	0.0087+1.2250i	0.8231-0.1718i	0.2095+0.5776i
53.3	1.5037+0.5463i	-0.6464-0.3770i	--	0.6553+2.4050i	-0.3766-0.8623i	0.1248+1.2138i	0.8461-0.1849i	0.2273+0.5421i
53.4	1.5141+0.4420i	-0.6383-0.3321i	--	0.5451+2.3346i	-0.4692-0.8050i	0.2207+1.1436i	0.8858-0.2075i	0.2311+0.5005i
53.5	1.4446+0.4920i	-0.6996-0.3468i	--	0.6794+2.3028i	-0.5016-0.7635i	0.2313+1.0490i	0.9638-0.2398i	0.2199+0.4759i
53.6	1.5538+0.4470i	-0.7384-0.2808i	--	0.7837+2.2111i	-0.5094-0.6921i	0.1968+0.9338i	1.0046-0.3507i	0.1929+0.4463i
53.7	1.5941+0.3730i	-0.7136-0.2018i	--	0.6415+2.1625i	-0.5045-0.6531i	0.1420+0.8928i	1.0070-0.4637i	0.1727+0.4443i
53.8	1.5691+0.3198i	-0.6854-0.1981i	--	0.7120+2.2142i	-0.4780-0.6436i	0.0742+0.9124i	0.9329-0.6329i	0.1737+0.4702i
53.9	1.5971+0.2742i	-0.6902-0.1934i	--	0.8137+2.1818i	-0.4759-0.6629i	0.0486+0.9960i	0.7975-0.7320i	0.1827+0.4986i
54.0	1.6091+0.1847i	-0.6617-0.1675i	--	0.7857+2.2404i	-0.5056-0.6395i	0.0556+1.0770i	0.6611-0.7781i	0.1969+0.5144i
54.1	1.5764+0.1125i	-0.6285-0.1149i	--	0.7589+2.1764i	-0.5642-0.6163i	0.1272+1.1590i	0.5019-0.7735i	0.2068+0.5348i
54.2	1.5371+0.1268i	-0.6274-0.1160i	--	0.8411+2.1891i	-0.5843-0.5831i	0.1888+1.1612i	0.4100-0.7231i	0.2294+0.5555i
54.3	1.5735+0.1004i	-0.6373-0.1267i	--	1.0081+2.1058i	-0.5671-0.5419i	0.2763+1.1497i	0.3602-0.6238i	0.2649+0.5432i
54.4	1.5611-0.0283i	-0.6212-0.1097i	--	1.0227+2.0171i	-0.5096-0.5032i	0.3412+1.1492i	0.3653-0.5277i	0.2712+0.5247i
54.5	1.4852-0.0396i	-0.6220-0.0540i	--	0.9674+1.8528i	-0.5031-0.5506i	0.3568+1.0687i	0.3987-0.4889i	0.2790+0.5119i
54.6	1.3908-0.0352i	-0.5788-0.0474i	--	0.9734+1.8631i	-0.5327-0.5994i	0.3616+1.0189i	0.4060-0.5087i	0.2938+0.5119i
54.7	1.3405-0.0107i	-0.5501-0.0440i	--	1.0002+1.8555i	-0.5947-0.6247i	0.3759+1.0160i	0.3801-0.5425i	0.3290+0.5184i
54.8	1.3213+0.0243i	-0.5367-0.0511i	--	1.0072+1.7546i	-0.6603-0.6143i	0.4032+1.0203i	0.3219-0.5337i	0.3710+0.5172i
54.9	1.3121+0.0235i	-0.5175-0.0668i	--	1.0232+1.7317i	-0.6897-0.5904i	0.4456+1.0233i	0.2946-0.5144i	0.3913+0.5140i
55.0	1.3083+0.0219i	-0.4933-0.0688i	--	0.9462+1.7323i	-0.7157-0.5686i	0.4774+1.0034i	0.2968-0.4906i	0.3978+0.4958i
55.1	1.2757+0.0465i	-0.4769-0.0914i	--	0.9447+1.6531i	-0.7301-0.5647i	0.5091+0.9569i	0.2987-0.4763i	0.4239+0.4753i
55.2	1.2513+0.0848i	-0.4932-0.1106i	--	0.9954+1.5935i	-0.7582-0.5650i	0.5582+0.9157i	0.2888-0.4733i	0.4498+0.4466i
55.3	1.2589+0.0847i	-0.4950-0.1142i	--	0.9284+1.5523i	-0.8010-0.5322i	0.6232+0.8705i	0.2878-0.4588i	0.4784+0.4162i
55.4	1.2553+0.1242i	-0.5068-0.1062i	--	0.8475+1.4848i	-0.8469-0.5078i	0.6422+0.7496i	0.2896-0.4629i	0.4908+0.3781i
55.5	1.2647+0.1634i	-0.5166-0.0943i	--	0.8645+1.4564i	-0.8756-0.5089i	0.6123+0.6609i	0.2827-0.4913i	0.4969+0.3677i
55.6	1.3073+0.1650i	-0.5222-0.0941i	--	0.8514+1.4980i	-0.9295-0.5007i	0.5189+0.6162i	0.2472-0.5359i	0.5064+0.3559i
55.7	1.3366+0.1502i	-0.5327-0.0980i	--	0.8180+1.5188i	-0.9964-0.4487i	0.4463+0.5993i	0.1968-0.5598i	0.5177+0.3364i
55.8	1.3417+0.1605i	-0.5458-0.0824i	--	0.8313+1.4382i	-1.0504-0.3866i	0.3912+0.6111i	0.1416-0.5410i	0.5338+0.2939i
55.9	1.3262+0.1601i	-0.5355-0.0965i	--	0.9157+1.4882i	-1.0770-0.3086i	0.3646+0.6408i	0.0696-0.5079i	0.5487+0.2523i
56.0	1.3346+0.1656i	-0.5274-0.0831i	--	0.9387+1.4756i	-1.1152-0.2457i	0.3318+0.6812i	0.0261-0.4679i	0.5551+0.2308i

56.1	1.3674+0.1798i	-0.5307-0.0775i	--	0.9129+1.4779i	-1.1565-0.1807i	0.3130+0.7321i	0.0188-0.4248i	0.5527+0.1940i
56.2	1.4008+0.1537i	-0.5205-0.0503i	--	0.7747+1.5149i	-1.1546-0.0605i	0.3227+0.7764i	-0.0066-0.3917i	0.5372+0.1486i
56.3	1.4044+0.1491i	-0.5141-0.0414i	--	0.8044+1.4441i	-1.1257+0.0437i	0.3461+0.8087i	-0.0284-0.3171i	0.5172+0.1237i
56.4	1.4024+0.1460i	-0.5045-0.0487i	--	0.8558+1.4871i	-1.1005+0.1045i	0.3712+0.8471i	-0.0246-0.2920i	0.4981+0.1011i
56.5	1.4082+0.1442i	-0.4921-0.0447i	--	0.8927+1.4816i	-1.0622+0.1478i	0.4020+0.8405i	-0.0124-0.2419i	0.4725+0.0883i
56.6	1.4105+0.1516i	-0.4836-0.0539i	--	0.9507+1.4137i	-1.0475+0.1872i	0.4185+0.8485i	0.0155-0.2093i	0.4560+0.0664i
56.7	1.4494+0.1341i	-0.4837-0.0434i	--	0.9165+1.3668i	-1.0142+0.2726i	0.4414+0.8706i	0.0416-0.1766i	0.4546+0.0498i
56.8	1.4773+0.1186i	-0.4815-0.0364i	--	0.8886+1.3020i	-0.9788+0.3256i	0.4886+0.8680i	0.0548-0.1580i	0.4415+0.0388i
56.9	1.5070+0.1143i	-0.4777-0.0397i	--	0.7715+1.2928i	-0.9607+0.3734i	0.4997+0.9058i	0.0810-0.1668i	0.4378+0.0345i
57.0	1.5124+0.1092i	-0.4914-0.0515i	--	0.7432+1.1523i	-0.9244+0.4181i	0.5180+0.9086i	0.1071-0.1524i	0.4325+0.0222i
57.1	1.5045+0.0831i	-0.4843-0.0561i	--	0.8538+1.1358i	-0.8655+0.4411i	0.6081+0.8980i	0.1124-0.1515i	0.4308-0.0007i
57.2	1.4960+0.0534i	-0.4731-0.0600i	--	0.8338+1.1858i	-0.8100+0.4790i	0.6665+0.9157i	0.1262-0.1656i	0.4139-0.0012i
57.3	1.5038+0.0496i	-0.4786-0.0548i	--	0.7003+1.1388i	-0.7573+0.5095i	0.6774+0.8810i	0.1335-0.1722i	0.3698-0.0227i
57.4	1.4993+0.0551i	-0.4817-0.0713i	--	0.6437+1.0749i	-0.7104+0.5269i	0.7071+0.8536i	0.1503-0.1806i	0.3467-0.0546i
57.5	1.5089+0.0563i	-0.4886-0.0663i	--	0.5211+1.0437i	-0.6678+0.5386i	0.7448+0.8321i	0.1535-0.2006i	0.3313-0.0666i
57.6	1.5080+0.0326i	-0.4915-0.0629i	--	0.5419+1.1486i	-0.6033+0.5388i	0.7874+0.7766i	0.1393-0.1755i	0.3059-0.0713i
57.7	1.5365+0.0134i	-0.5016-0.0569i	--	0.4861+1.2125i	-0.5510+0.5620i	0.8273+0.7544i	0.1260-0.1589i	0.2891-0.0858i
57.8	1.5499+0.0262i	-0.5206-0.0612i	--	0.4153+1.1725i	-0.5172+0.5727i	0.8409+0.7512i	0.1232-0.1324i	0.2619-0.0723i
57.9	1.5224+0.0429i	-0.5125-0.0945i	--	0.4583+1.1485i	-0.4745+0.5553i	0.8378+0.7270i	0.1547-0.1012i	0.2089-0.0608i
58.0	1.5373+0.0293i	-0.5342-0.0842i	--	0.4079+1.2272i	-0.3937+0.5215i	0.9006+0.6634i	0.2056-0.1113i	0.1682-0.0321i
58.1	1.5538+0.0090i	-0.5463-0.0652i	--	0.4943+1.2733i	-0.3625+0.4881i	0.9391+0.6163i	0.2174-0.1349i	0.1640+0.0070i
58.2	1.5862-0.0228i	-0.5670-0.0467i	--	0.4942+1.2876i	-0.3633+0.4520i	0.9554+0.5418i	0.2202-0.1586i	0.1755+0.0155i
58.3	1.5794-0.0622i	-0.5704-0.0382i	--	0.4580+1.3418i	-0.3754+0.4713i	0.9171+0.5220i	0.2307-0.1686i	0.1855+0.0221i
58.4	1.5593-0.0615i	-0.5769-0.0253i	--	0.4580+1.2787i	-0.3586+0.4787i	0.9223+0.5013i	0.2399-0.1833i	0.1772+0.0246i
58.5	1.5775-0.0700i	-0.5775+0.0196i	--	0.3107+1.3267i	-0.3261+0.4793i	0.9181+0.4740i	0.2569-0.2079i	0.1560+0.0167i
58.6	1.5630-0.0991i	-0.5778+0.0198i	--	0.4469+1.4134i	-0.2838+0.4912i	0.9326+0.4810i	0.2509-0.2174i	0.1785+0.0342i
58.7	1.5690-0.1141i	-0.5991+0.0256i	--	0.4547+1.3581i	-0.2921+0.4967i	0.9134+0.4493i	0.2105-0.2215i	0.2144+0.0761i
58.8	1.5564-0.1227i	-0.5986+0.0393i	--	0.4807+1.3732i	-0.2762+0.4715i	0.9007+0.3893i	0.2014-0.2376i	0.2149+0.0696i
58.9	1.5682-0.1076i	-0.6216+0.0477i	--	0.4692+1.3598i	-0.2470+0.4579i	0.8999+0.3835i	0.2160-0.2384i	0.2319+0.0444i
59.0	1.5744-0.1259i	-0.6261+0.0974i	--	0.4521+1.3621i	-0.2028+0.4966i	0.9020+0.4136i	0.2147-0.2067i	0.1724+0.0560i
59.1	1.5550-0.1369i	-0.6064+0.1125i	--	0.5372+1.4134i	-0.1875+0.4977i	0.9009+0.4173i	0.2023-0.1931i	0.1671+0.0498i
59.2	1.5495-0.1501i	-0.6180+0.1226i	--	0.4952+1.4161i	-0.2026+0.4616i	0.8987+0.3640i	0.1916-0.2064i	0.2086+0.0212i
59.3	1.5506-0.1616i	-0.6209+0.1512i	--	0.5118+1.4014i	-0.1816+0.4614i	0.9161+0.3543i	0.2078-0.2123i	0.1921+0.0122i
59.4	1.5504-0.1719i	-0.6059+0.1782i	--	0.5538+1.4416i	-0.1627+0.4387i	0.9139+0.3282i	0.2356-0.2451i	0.1585+0.0192i
59.5	1.5214-0.1946i	-0.5610+0.1965i	--	0.5491+1.4719i	-0.1321+0.4374i	0.9350+0.3001i	0.2225-0.2629i	0.1469+0.0100i
59.6	1.5088-0.2112i	-0.5299+0.2164i	--	0.5757+1.4515i	-0.1187+0.4299i	0.9114+0.2605i	0.2243-0.2640i	0.1241+0.0166i
59.7	1.5219-0.1948i	-0.5525+0.2422i	--	0.5524+1.4285i	-0.0947+0.4281i	0.9183+0.2471i	0.2358-0.2727i	0.1225+0.0416i
59.8	1.5028-0.1816i	-0.5233+0.1908i	--	0.5965+1.3352i	-0.0478+0.4545i	0.9290+0.2489i	0.2546-0.2630i	0.0984+0.0591i
59.9	1.4894-0.1670i	0.5051+1.8959i	--	1.0238+1.8980i	-0.0233+0.4546i	0.9104+0.2426i	0.2750-0.2708i	0.0732+0.0829i
60.0	1.4959-0.1980i	-1.8244+0.7520i	--	-0.0152+1.3420i	-0.0344+0.3705i	0.8788+0.1746i	0.2313-0.3579i	0.0707+0.0965i
60.1	1.4783-0.1678i	0.1515+0.3421i	--	0.8181+1.3560i	-0.0361+0.3625i	0.8903+0.1615i	0.2261-0.3534i	0.0820+0.0924i
60.2	1.4740-0.1975i	-0.4471+0.2924i	--	0.5783+1.4048i	-0.0031+0.3390i	0.9066+0.1260i	0.2148-0.3928i	0.0691+0.1091i
60.3	1.4926-0.1992i	-0.4566+0.2932i	--	0.4868+1.3803i	0.0160+0.3192i	0.9079+0.1029i	0.2068-0.4403i	0.0605+0.1237i
60.4	1.5078-0.1889i	-0.4620+0.3208i	--	0.4600+1.3356i	0.0306+0.2998i	0.8956+0.0731i	0.1859-0.4744i	0.0614+0.1486i
60.5	1.4881-0.1938i	-0.4311+0.3187i	--	0.4797+1.3622i	0.0477+0.2559i	0.8864+0.0369i	0.1323-0.5154i	0.0744+0.2149i
60.6	1.4983-0.1873i	-0.4109+0.3225i	--	0.4820+1.4123i	0.0337+0.2101i	0.8568-0.0170i	0.0550-0.5412i	0.1075+0.2634i
60.7	1.5338-0.1650i	-0.4242+0.3199i	--	0.4097+1.2816i	-0.0076+0.1848i	0.8274-0.0103i	-0.0167-0.5420i	0.1993+0.2844i
60.8	1.4884-0.1893i	-0.3676+0.2784i	--	0.5025+1.4023i	-0.0481+0.1826i	0.7575+0.0230i	-0.0713-0.4825i	0.2500+0.2598i
60.9	1.4929-0.2292i	-0.3341+0.3088i	--	0.4488+1.5373i	-0.0586+0.1886i	0.7558-0.0248i	-0.1149-0.4323i	0.2452+0.1964i
61.0	1.5354-0.2361i	-0.3533+0.3286i	--	0.3542+1.5674i	-0.0660+0.2047i	0.7493-0.0120i	-0.1156-0.4255i	0.2289+0.1826i
61.1	1.5456-0.2120i	-0.3703+0.3152i	--	0.3390+1.5125i	-0.0778+0.2186i	0.7286+0.0229i	-0.1105-0.4174i	0.2284+0.1814i
61.2	1.5108-0.2108i	-0.3409+0.2966i	--	0.4264+1.4828i	-0.0714+0.2196i	0.7222+0.0139i	-0.1429-0.3944i	0.2207+0.1856i
61.3	1.5065-0.2519i	-0.3122+0.3053i	--	0.4203+1.6075i	-0.0626+0.2138i	0.7186-0.0005i	-0.1638-0.3809i	0.2331+0.2121i
61.4	1.5438-0.2574i	-0.3156+0.3257i	--	0.3202+1.6607i	-0.0592+0.2214i	0.7355-0.0146i	-0.2053-0.3484i	0.2741+0.2260i
61.5	1.5110-0.2507i	-0.3013+0.3021i	--	0.4048+1.6669i	-0.0614+0.2142i	0.7217-0.0288i	-0.2189-0.2929i	0.3206+0.2132i
61.6	1.4783-0.2646i	-0.2726+0.3000i	--	0.4986+1.7125i	-0.0706+0.2114i	0.6719-0.0501i	-0.2131-0.2382i	0.3481+0.1905i
61.7	1.4799-0.2642i	-0.2669+0.3076i	--	0.5473+1.7304i	-0.0776+0.2198i	0.6132-0.0678i	-0.1867-0.2096i	0.3513+0.1385i
61.8	1.4741-0.2215i	-0.2797+0.2818i	--	0.5568+1.6812i	-0.0697+0.2341i	0.5970-0.0294i	-0.1889-0.2163i	0.3713+0.0991i
61.9	1.4424-0.2289i	-0.2629+0.2651i	--	0.6971+1.7006i	-0.0362+0.2409i	0.5904+0.0367i	-0.2020-0.1882i	0.3658+0.0587i
62.0	1.4238-0.2637i	-0.2269+0.2753i	--	0.8108+1.8045i	-0.0116+0.2429i	0.5798+0.0919i	-0.1885-0.1653i	0.3219+0.0349i
62.1	1.4216-0.2433i	-0.2221+0.2854i	--	0.7652+1.7527i	-0.0027+0.2110i	0.6110+0.1269i	-0.2010-0.1520i	0.3002+0.0229i
62.2	1.4680-0.2110i	-0.2714+0.2875i	--	0.6871+1.6496i	-0.0117+0.1864i	0.6251+0.1527i	-0.1941-0.1511i	0.2720+0.0214i
62.3	1.4378-0.2181i	-0.2264+0.2809i	--	0.8002+1.6630i	-0.0105+0.1763i	0.6321+0.1452i	-0.1936-0.1269i	0.2434+0.0567i

62.4	1.4214-0.2188i	-0.1990+0.2799i	--	0.7893+1.6751i	-0.0093+0.1725i	0.6907+0.1400i	-0.2147-0.1202i	0.2327+0.0735i
62.5	1.4209-0.2082i	-0.1852+0.2738i	--	0.8128+1.6550i	-0.0194+0.1712i	0.7507+0.1351i	-0.2114-0.0879i	0.2192+0.0704i
62.6	1.4212-0.2073i	-0.1933+0.2671i	--	0.8725+1.6303i	-0.0312+0.1698i	0.7707+0.1204i	-0.2104-0.0741i	0.2329+0.0800i
62.7	1.4353-0.2111i	-0.2013+0.2815i	--	0.7790+1.5988i	-0.0486+0.1738i	0.8181+0.1063i	-0.2152-0.0547i	0.2408+0.1115i
62.8	1.4205-0.2030i	-0.1675+0.2718i	--	0.8015+1.5857i	-0.0426+0.1785i	0.8396+0.0699i	-0.1985-0.0337i	0.2208+0.1210i
62.9	1.4241-0.1853i	-0.1690+0.2552i	--	0.8285+1.5678i	-0.0368+0.1753i	0.8532+0.0188i	-0.1968-0.0014i	0.2295+0.1338i
63.0	1.4524-0.1803i	-0.1927+0.2462i	--	0.7894+1.6196i	-0.0525+0.1846i	0.8759-0.0034i	-0.1949+0.0327i	0.2511+0.1255i
63.1	1.4421-0.1525i	-0.1805+0.2163i	--	0.7790+1.5702i	-0.0465+0.1968i	0.8963-0.0102i	-0.1762+0.0430i	0.2683+0.1414i
63.2	1.4426-0.1340i	-0.1771+0.2126i	--	0.7473+1.5142i	-0.0414+0.1933i	0.8955-0.0446i	-0.1449+0.0695i	0.2703+0.1377i
63.3	1.4493-0.1616i	-0.1722+0.2449i	--	0.7372+1.6216i	-0.0394+0.2034i	0.9103-0.0855i	-0.1354+0.0855i	0.2685+0.1270i
63.4	1.4447-0.1408i	-0.1619+0.2221i	--	0.7832+1.6018i	-0.0265+0.2215i	0.9199-0.1001i	-0.1268+0.0913i	0.2945+0.1429i
63.5	1.4397-0.1340i	-0.1511+0.2169i	--	0.8272+1.6317i	-0.0199+0.2290i	0.9003-0.1243i	-0.0933+0.0980i	0.2950+0.1484i
63.6	1.4402-0.1393i	-0.1405+0.2263i	--	0.8399+1.6894i	-0.0085+0.2361i	0.8947-0.1724i	-0.0567+0.1089i	0.2870+0.1431i
63.7	1.4514-0.1305i	-0.1357+0.2299i	--	0.8603+1.7097i	-0.0008+0.2442i	0.9036-0.1968i	-0.0287+0.1237i	0.2927+0.1424i
63.8	1.4664-0.1121i	-0.1397+0.2141i	--	0.8771+1.6426i	0.0187+0.2341i	0.9207-0.2085i	0.0066+0.1213i	0.3050+0.1630i
63.9	1.4883-0.0898i	-0.1679+0.2115i	--	0.8520+1.6074i	0.0250+0.2210i	0.9699-0.2459i	0.0196+0.0982i	0.3242+0.1640i
64.0	1.5043-0.0992i	-0.1652+0.2462i	--	0.8452+1.7064i	0.0290+0.2322i	0.9751-0.3183i	0.0400+0.0812i	0.3348+0.1561i
64.1	1.4911-0.1270i	-0.1238+0.2719i	--	0.9160+1.7428i	0.0478+0.2520i	0.9279-0.3950i	0.0605+0.0609i	0.3412+0.1714i
64.2	1.4885-0.1433i	-0.1016+0.2589i	--	1.0127+1.8062i	0.0450+0.2665i	0.8808-0.4735i	0.0887+0.0439i	0.3643+0.1739i
64.3	1.5052-0.1267i	-0.0993+0.2539i	--	0.9927+1.8087i	0.0584+0.2653i	0.7926-0.5299i	0.1011+0.0353i	0.3931+0.1629i
64.4	1.5359-0.1078i	-0.1061+0.2577i	--	0.9547+1.7299i	0.0876+0.2585i	0.7211-0.5878i	0.1066+0.0241i	0.4101+0.1371i
64.5	1.5323-0.1120i	-0.0859+0.2657i	--	0.9897+1.7368i	0.0963+0.2716i	0.6771-0.5861i	0.1104-0.0215i	0.4230+0.1269i
64.6	1.5429-0.1068i	-0.0689+0.2447i	--	1.0121+1.7263i	0.1241+0.2746i	0.5854-0.5701i	0.1119-0.0593i	0.4322+0.1314i
64.7	1.5609-0.1279i	-0.0864+0.2555i	--	1.0165+1.7076i	0.1609+0.2668i	0.5331-0.5218i	0.0801-0.0840i	0.4542+0.1234i
64.8	1.5596-0.1146i	-0.0840+0.2331i	--	1.0513+1.7084i	0.1935+0.2496i	0.5576-0.4608i	0.0484-0.0953i	0.4928+0.1124i
64.9	1.5578-0.0803i	-0.0780+0.1844i	--	1.1321+1.5912i	0.2341+0.2156i	0.5741-0.4538i	0.0189-0.0647i	0.5134+0.0985i
65.0	1.5986-0.1303i	-0.0821+0.2375i	--	1.0212+1.6348i	0.2534+0.1963i	0.5855-0.4797i	0.0069-0.0502i	0.5226+0.0675i
65.1	1.5934-0.1308i	-0.0715+0.2396i	--	1.0274+1.6010i	0.2687+0.1619i	0.5825-0.5151i	-0.0012-0.0636i	0.5426+0.0560i
65.2	1.5880-0.0925i	-0.0706+0.1829i	--	1.1030+1.5440i	0.2774+0.1061i	0.5489-0.5422i	-0.0231-0.0626i	0.5730+0.0341i
65.3	1.5920-0.1065i	-0.0570+0.1933i	--	1.0796+1.6087i	0.2825+0.0688i	0.4893-0.5617i	-0.0462-0.0508i	0.5994+0.0142i
65.4	1.5938-0.0997i	-0.0268+0.1835i	--	1.0891+1.6180i	0.2864+0.0204i	0.4353-0.5843i	-0.0497-0.0099i	0.6050-0.0301i
65.5	1.5942-0.1164i	-0.0036+0.2075i	--	1.0428+1.6726i	0.2850+0.0233i	0.3965-0.5611i	-0.0498+0.0095i	0.6163-0.0913i
65.6	1.6006-0.1417i	-0.0031+0.2175i	--	0.9931+1.7089i	0.2718+0.0154i	0.3444-0.5369i	-0.0207+0.0089i	0.6072-0.1583i
65.7	1.6128-0.1154i	-0.0149+0.1691i	--	0.9679+1.6834i	0.2554-0.0331i	0.2814-0.4686i	0.0211-0.0044i	0.5761-0.2148i
65.8	1.6114-0.1258i	-0.0156+0.1734i	--	1.0106+1.7063i	0.2375-0.0583i	0.2591-0.4320i	0.0194+0.0005i	0.5398-0.2287i
65.9	1.5908-0.1283i	0.0089+0.1484i	--	1.0567+1.7250i	0.2352-0.0802i	0.2377-0.3718i	0.0057+0.0042i	0.5034-0.2589i
66.0	1.5760-0.1058i	0.0185+0.1288i	--	1.1124+1.7289i	0.2257-0.0955i	0.2488-0.3189i	-0.0053-0.0266i	0.4859-0.2554i
66.1	1.5634-0.1087i	0.0255+0.1292i	--	1.2435+1.7845i	0.1993-0.1131i	0.2869-0.3027i	0.0012-0.0240i	0.4629-0.2637i
66.2	1.5802-0.0873i	0.0057+0.1151i	--	1.2587+1.7139i	0.1762-0.1324i	0.3380-0.2702i	-0.0341+0.0044i	0.4568-0.2856i
66.3	1.5791-0.0867i	-0.0004+0.1032i	--	1.2692+1.7601i	0.1440-0.1472i	0.3620-0.2613i	-0.0345+0.0081i	0.4325-0.2740i
66.4	1.5542-0.0881i	0.0460+0.1108i	--	1.3103+1.7957i	0.1238-0.1547i	0.4221-0.2800i	-0.0697+0.0241i	0.4315-0.2722i
66.5	1.5725-0.0798i	0.0174+0.1056i	--	1.3339+1.8973i	0.0903-0.1723i	0.4050-0.3055i	-0.0664+0.0507i	0.4118-0.3225i
66.6	1.5758-0.0606i	0.0087+0.1110i	--	1.3302+1.8391i	0.0667-0.1617i	0.4334-0.3126i	-0.0576+0.0667i	0.3933-0.3120i
66.7	1.5775-0.0410i	0.0121+0.1139i	--	1.3218+1.7442i	0.0383-0.1529i	0.4453-0.3038i	-0.0491+0.0928i	0.3713-0.3217i
66.8	1.5705-0.0313i	0.0078+0.0997i	--	1.4778+1.6696i	0.0017-0.1520i	0.4502-0.2988i	-0.0491+0.1136i	0.3616-0.3301i
66.9	1.5768-0.0383i	0.0266+0.1242i	--	1.4466+1.7233i	-0.0153-0.1472i	0.4736-0.3723i	-0.0430+0.1482i	0.3472-0.3485i
67.0	1.5970-0.0087i	-0.0076+0.1252i	--	1.5377+1.7121i	-0.0521-0.1175i	0.4661-0.4142i	-0.0181+0.1517i	0.3257-0.3406i
67.1	1.5979+0.0009i	0.0161+0.1146i	--	1.4967+1.6788i	-0.0790-0.0904i	0.4568-0.4370i	-0.0059+0.1875i	0.3231-0.3705i
67.2	1.5948+0.0257i	0.0232+0.1005i	--	1.5443+1.6264i	-0.1086-0.0643i	0.4536-0.4775i	-0.0006+0.2002i	0.3272-0.3828i
67.3	1.6136+0.0159i	0.0218+0.1249i	--	1.4870+1.6422i	-0.1244-0.0271i	0.4228-0.5063i	0.0229+0.2238i	0.3036-0.4060i
67.4	1.6265+0.0286i	0.0192+0.1285i	--	1.5441+1.6369i	-0.1278+0.0144i	0.3361-0.4997i	0.0684+0.2304i	0.2848-0.4023i
67.5	1.6305+0.0659i	0.0120+0.1051i	--	1.6766+1.6118i	-0.1436+0.0558i	0.2626-0.4926i	0.1184+0.2417i	0.2633-0.3956i
67.6	1.6373+0.0806i	0.0190+0.1036i	--	1.6759+1.6062i	-0.1448+0.1286i	0.2069-0.4643i	0.1605+0.2464i	0.2369-0.3896i
67.7	1.6483+0.1010i	0.0476+0.1114i	--	1.6475+1.5436i	-0.1189+0.1903i	0.1605-0.4536i	0.2084+0.2622i	0.2092-0.4079i
67.8	1.6845+0.1156i	0.0475+0.1241i	--	1.6324+1.4034i	-0.0671+0.2753i	0.1076-0.3938i	0.2794+0.2591i	0.1651-0.4318i
67.9	1.7114+0.1351i	0.0469+0.0989i	--	1.6570+1.4051i	-0.0009+0.3010i	0.0769-0.3310i	0.3261+0.2374i	0.1456-0.4257i
68.0	1.7458+0.1438i	0.0293+0.1047i	--	1.5961+1.4181i	0.0615+0.3280i	0.0210-0.2729i	0.3900+0.2206i	0.0957-0.4181i
68.1	1.7665+0.1324i	0.0440+0.0932i	--	1.5557+1.3874i	0.1724+0.3386i	0.0229-0.1808i	0.4470+0.1441i	0.0501-0.3784i
68.2	1.7868+0.1300i	0.0609+0.0999i	--	1.5140+1.3582i	0.2633+0.3266i	0.0410-0.0854i	0.5043+0.0847i	-0.0010-0.3398i
68.3	1.7844+0.1777i	0.0839+0.0737i	--	1.5304+1.3889i	0.3717+0.2715i	0.1554-0.0137i	0.4962+0.0253i	0.0131-0.3121i
68.4	1.7850+0.1555i	0.0705+0.0703i	--	1.5356+1.2998i	0.4248+0.1953i	0.2235-0.0244i	0.4760-0.0100i	0.0117-0.2840i
68.5	1.8152+0.1472i	0.0475+0.0794i	--	1.5419+1.3718i	0.4501+0.1123i	0.3035-0.0082i	0.5516-0.0717i	-0.0259-0.2701i
68.6	1.8218+0.1650i	0.0526+0.0540i	--	1.6544+1.3684i	0.4846+0.0559i	0.3415+0.0036i	0.5732-0.1599i	-0.0270-0.2227i

68.7	1.8174+0.1694i	0.0802+0.0516i	--	1.5521+1.3699i	0.5430-0.0202i	0.4142-0.0051i	0.5462-0.2744i	-0.0137-0.1763i
68.8	1.8261+0.1561i	0.0895+0.0758i	--	1.4861+1.4189i	0.5364-0.1110i	0.4615-0.0064i	0.4903-0.3751i	0.0110-0.1638i
68.9	1.8142+0.1602i	0.0953+0.0830i	--	1.4818+1.3710i	0.5018-0.1811i	0.4652-0.0752i	0.4463-0.4084i	0.0239-0.1613i
69.0	1.8358+0.1768i	0.0799+0.0746i	--	1.4598+1.2974i	0.4862-0.2549i	0.4695-0.1503i	0.4064-0.4207i	0.0214-0.1673i
69.1	1.8532+0.1661i	0.0844+0.0707i	--	1.5038+1.3377i	0.4558-0.3186i	0.4447-0.1423i	0.3581-0.4455i	0.0170-0.1649i
69.2	1.8104+0.1900i	0.1381+0.0873i	--	1.4405+1.4617i	0.3982-0.3498i	0.4284-0.0837i	0.3102-0.4952i	0.0157-0.1607i
69.3	1.7818+0.1944i	0.1367+0.0967i	--	1.5152+1.5446i	0.3246-0.3873i	0.4226-0.0436i	0.2921-0.5348i	-0.0265-0.1299i
69.4	1.7711+0.1831i	0.1207+0.0821i	--	1.6573+1.5562i	0.2358-0.4061i	0.4446-0.0351i	0.2564-0.5409i	-0.0620-0.0932i
69.5	1.7695+0.2345i	0.1282+0.0837i	--	1.7024+1.5217i	0.1982-0.4107i	0.5851-0.0783i	0.1714-0.5504i	-0.0330-0.0508i
69.6	1.7344+0.3055i	0.1541+0.0626i	--	1.6831+1.4741i	0.1671-0.3917i	0.6209-0.1002i	0.1538-0.5660i	-0.0268-0.0062i
69.7	1.6836+0.3632i	0.2194+0.0546i	--	1.6796+1.4391i	0.1281-0.3550i	0.6394-0.1605i	0.1052-0.6369i	-0.0132+0.0582i
69.8	1.6714+0.4594i	0.2377+0.0270i	--	1.6735+1.4187i	0.1223-0.3051i	0.6676-0.2663i	0.0293-0.6500i	0.0080+0.1055i
69.9	1.6407+0.5670i	0.2812-0.0113i	--	1.7207+1.3808i	0.1516-0.2804i	0.6334-0.3176i	-0.0282-0.6560i	0.0684+0.1477i
70.0	1.6471+0.6463i	0.2696-0.0310i	--	1.7481+1.4069i	0.2128-0.2777i	0.6162-0.3536i	-0.0966-0.6564i	0.1405+0.1718i
70.1	1.6286+0.7544i	0.2937-0.0017i	--	1.7787+1.3505i	0.2640-0.2761i	0.6202-0.3450i	-0.1761-0.6672i	0.2222+0.1685i
70.2	1.6100+0.9535i	0.3430-0.0544i	--	1.7212+1.3205i	0.2852-0.2903i	0.6228-0.2959i	-0.2401-0.6815i	0.2820+0.1578i
70.3	1.6810+1.1266i	0.3528-0.0800i	--	1.7238+1.2899i	0.3146-0.3578i	0.6004-0.3222i	-0.3354-0.6045i	0.3429+0.1019i
70.4	1.8386+1.3214i	0.3664-0.1118i	--	1.7730+1.2834i	0.3089-0.4185i	0.6196-0.3357i	-0.4338-0.5286i	0.3869+0.0441i
70.5	2.0437+1.5266i	0.3604-0.1797i	--	1.7517+1.2556i	0.2950-0.4573i	0.6287-0.3374i	-0.4859-0.4459i	0.4086+0.0125i
70.6	2.2429+1.6608i	0.3855-0.1987i	--	1.6092+1.2586i	0.2923-0.4923i	0.6172-0.3169i	-0.5016-0.3843i	0.4306-0.0243i
70.7	2.4152+1.7144i	0.3790-0.1729i	--	1.5961+1.1819i	0.2910-0.5342i	0.6180-0.3268i	-0.4878-0.3475i	0.4343-0.0479i
70.8	2.8493+1.8097i	0.4207-0.2214i	--	1.5688+1.2795i	0.2996-0.6320i	0.6829-0.3903i	-0.5121-0.2514i	0.4806-0.1309i
70.9	3.2242+1.7558i	0.3950-0.2959i	--	1.5667+1.4226i	0.2713-0.6964i	0.7197-0.4490i	-0.5136-0.1940i	0.4685-0.1773i
71.0	3.4485+1.5321i	0.3800-0.3008i	--	1.5641+1.4804i	0.2246-0.7415i	0.6961-0.4999i	-0.4750-0.1517i	0.4458-0.2044i
71.1	3.5850+1.3825i	0.3966-0.3624i	--	1.5179+1.5134i	0.1619-0.7794i	0.6763-0.4993i	-0.4336-0.1486i	0.4350-0.2450i
71.2	3.7991+1.2619i	0.3950-0.4018i	--	1.5609+1.5659i	0.1235-0.8471i	0.6828-0.5478i	-0.3889-0.1228i	0.4083-0.3162i
71.3	3.8563+1.1304i	0.3986-0.4348i	--	1.5670+1.6106i	0.0642-0.8906i	0.6338-0.5685i	-0.3657-0.1310i	0.3596-0.3499i
71.4	3.8795+0.9659i	0.3927-0.4833i	--	1.6210+1.5836i	-0.0148-0.9169i	0.5813-0.5832i	-0.3496-0.1676i	0.3170-0.3422i
71.5	3.9403+0.8139i	0.3787-0.5283i	--	1.6153+1.6454i	-0.0971-0.9462i	0.5610-0.5779i	-0.3510-0.2132i	0.2769-0.3390i
71.6	3.9841+0.6653i	0.3554-0.5657i	--	1.7307+1.7198i	-0.1764-0.9627i	0.5553-0.5786i	-0.3478-0.2489i	0.2350-0.3222i
71.7	3.9813+0.5453i	0.3385-0.6346i	--	1.7421+1.7273i	-0.2501-0.9506i	0.5715-0.5753i	-0.4207-0.2831i	0.2193-0.3043i
71.8	3.9748+0.5309i	0.3521-0.6693i	--	1.7201+1.8006i	-0.3268-0.9391i	0.5979-0.5664i	-0.5029-0.3580i	0.2152-0.2523i
71.9	4.0412+0.3805i	0.2754-0.7026i	--	1.8862+1.8445i	-0.4474-0.9014i	0.5661-0.5518i	-0.5707-0.3685i	0.2063-0.2063i
72.0	4.0875+0.2530i	0.2241-0.7499i	--	1.9670+1.8531i	-0.5466-0.8587i	0.5907-0.5629i	-0.6918-0.3584i	0.2323-0.1856i
72.1	4.0575+0.1304i	0.1488-0.7281i	--	2.1106+1.8206i	-0.5795-0.7855i	0.5879-0.5811i	-0.7582-0.2699i	0.2488-0.1854i
72.2	4.0526+0.1360i	0.1819-0.7854i	--	2.0770+1.8949i	-0.6651-0.7633i	0.6349-0.5775i	-0.9118-0.2963i	0.2701-0.1521i
72.3	3.9272+0.0882i	0.2553-0.8202i	--	2.0540+1.8091i	-0.7138-0.6704i	0.6662-0.5743i	-1.0799-0.2549i	0.3340-0.1140i
72.4	3.9955+0.0527i	0.1484-0.8611i	--	2.1447+1.8336i	-0.7325-0.5759i	0.7117-0.5905i	-1.1482-0.0960i	0.3784-0.1461i
72.5	4.0680-0.0285i	0.0765-0.9293i	--	2.2091+1.9876i	-0.7566-0.4922i	0.7096-0.6962i	-1.2051+0.0890i	0.3899-0.1572i
72.6	4.0336-0.0260i	0.0843-0.9171i	--	2.1782+2.0347i	-0.7220-0.4221i	0.7219-0.7493i	-1.2367+0.2377i	0.4104-0.1912i
72.7	3.9976-0.0270i	0.0499-0.9681i	--	2.2149+1.9398i	-0.7108-0.3567i	0.7381-0.7949i	-1.2898+0.3990i	0.4888-0.2341i
72.8	4.0323-0.0634i	-0.0226-1.0078i	--	2.2818+1.9291i	-0.7028-0.2925i	0.7526-0.8307i	-1.3025+0.5398i	0.5316-0.2561i
72.9	4.0654-0.0718i	-0.0652-1.0283i	--	2.4009+1.9157i	-0.6875-0.2599i	0.7362-0.9000i	-1.2830+0.6832i	0.5571-0.2896i
73.0	4.0635-0.0929i	-0.1099-1.0220i	--	2.5770+1.9897i	-0.6424-0.2368i	0.6889-0.9806i	-1.1971+0.8635i	0.5481-0.3537i
73.1	4.1542-0.0836i	-0.2022-1.1081i	--	2.6884+2.0377i	-0.6091-0.1440i	0.7125-0.9918i	-1.1820+1.0930i	0.5911-0.4527i
73.2	4.1898-0.0084i	-0.2179-1.2053i	--	2.7445+2.0696i	-0.5579-0.1130i	0.7022-1.0559i	-1.0741+1.2791i	0.5952-0.5496i
73.3	4.2664-0.0500i	-0.2812-1.2026i	--	2.8827+2.0408i	-0.4822-0.1418i	0.6579-1.1250i	-0.8972+1.3550i	0.5664-0.5905i
73.4	4.3429-0.0767i	-0.3663-1.1988i	--	3.0470+2.0782i	-0.4284-0.1661i	0.6314-1.1698i	-0.7370+1.4118i	0.5191-0.6260i
73.5	4.3649-0.1332i	-0.4393-1.2054i	--	3.0688+1.9861i	-0.3875-0.1962i	0.5626-1.2564i	-0.5395+1.4457i	0.4409-0.6541i
73.6	4.3913-0.1849i	-0.5014-1.1848i	--	3.3312+1.9248i	-0.3692-0.2660i	0.5297-1.3180i	-0.3829+1.4483i	0.3965-0.6869i
73.7	4.4504-0.1630i	-0.5526-1.2296i	--	3.4486+1.9384i	-0.3945-0.3147i	0.4392-1.3788i	-0.2808+1.4682i	0.3627-0.7108i
73.8	4.5474-0.1497i	-0.6568-1.1925i	--	3.5529+1.8487i	-0.4430-0.3338i	0.3114-1.3727i	-0.1867+1.4604i	0.3390-0.7311i
73.9	4.6758-0.0905i	-0.7740-1.2380i	--	3.6463+1.7595i	-0.4647-0.3362i	0.2722-1.3639i	-0.1348+1.4788i	0.3322-0.7511i
74.0	4.7297-0.1406i	-0.8397-1.2021i	--	3.6895+1.6590i	-0.4815-0.3419i	0.1899-1.3461i	-0.0048+1.5176i	0.2989-0.8180i
74.1	4.8655-0.2870i	-0.9938-1.1341i	--	3.8533+1.4184i	-0.4889-0.3269i	0.0844-1.3365i	0.1675+1.4693i	0.2251-0.8155i
74.2	4.9836-0.2609i	-1.0740-1.1443i	--	3.9426+1.4019i	-0.4688-0.3155i	0.0671-1.3281i	0.2550+1.4865i	0.1863-0.8313i
74.3	5.0651-0.3334i	-1.1231-1.1010i	--	4.0784+1.2975i	-0.4884-0.3187i	0.0230-1.2984i	0.3581+1.4403i	0.1384-0.8386i
74.4	5.1913-0.2284i	-1.1729-1.1170i	--	4.0893+1.3389i	-0.4857-0.3296i	0.0485-1.2904i	0.4295+1.5129i	0.1245-0.9075i
74.5	5.2449-0.4310i	-1.2512-0.9934i	--	4.0761+1.0537i	-0.5269-0.3166i	-0.0402-1.2524i	0.5587+1.3812i	0.0285-0.8535i
74.6	5.2735-0.4436i	-1.2946-0.9640i	--	4.0450+0.9652i	-0.5336-0.2960i	-0.0869-1.2293i	0.6356+1.3298i	-0.0235-0.8378i
74.7	5.2582-0.3745i	-1.2797-0.9493i	--	4.0575+0.9427i	-0.5468-0.3273i	-0.0719-1.1983i	0.7000+1.2794i	-0.0640-0.8477i
74.8	5.6436-0.5290i	-1.4530-0.8899i	--	4.2542+0.8287i	-0.5742-0.3807i	-0.1088-1.1693i	0.8377+1.1849i	-0.1315-0.8368i
74.9	5.7507-0.7628i	-1.5195-0.7558i	--	4.2824+0.6307i	-0.6264-0.3872i	-0.1115-1.1286i	0.8335+1.0785i	-0.1361-0.7886i

75.0	5.7308-0.8453i	-1.5361-0.7185i	--	4.3584+0.5047i	-0.6634-0.3438i	-0.1131-1.1451i	0.8972+1.0931i	-0.1834-0.8098i
75.1	5.8646-0.9880i	-1.5848-0.6180i	--	4.4261+0.3208i	-0.6716-0.3372i	-0.0937-1.1577i	0.9568+1.0104i	-0.2372-0.7856i
75.2	6.0823-0.9801i	-1.6559-0.6005i	--	4.4485+0.2751i	-0.7085-0.3630i	-0.0830-1.1660i	1.0317+0.9723i	-0.2768-0.7848i
75.3	6.1976-1.1479i	-1.7379-0.4787i	--	4.4731+0.1879i	-0.7284-0.3682i	-0.0866-1.1356i	1.0369+0.8801i	-0.2818-0.7330i
75.4	6.2494-1.3005i	-1.7826-0.3687i	--	4.4085+0.0418i	-0.7446-0.3736i	-0.1120-1.1495i	1.0911+0.7808i	-0.3189-0.7000i
75.5	6.1657-1.5289i	-1.7705-0.2435i	--	4.2702-0.1820i	-0.8004-0.3207i	-0.1762-1.1164i	1.0854+0.6309i	-0.3296-0.6145i
75.6	6.3400-1.5903i	-1.8137-0.1698i	--	4.3422-0.2443i	-0.8241-0.3058i	-0.1579-1.1523i	1.0968+0.5506i	-0.3501-0.5717i
75.7	6.6819-1.6414i	-1.9007-0.1048i	--	4.4850-0.3031i	-0.8618-0.3071i	-0.1873-1.2023i	1.1436+0.4733i	-0.3987-0.5214i
75.8	6.5500-1.8283i	-1.8352+0.0015i	--	4.3541-0.4705i	-0.8917-0.2866i	-0.2036-1.1793i	1.1116+0.3917i	-0.3832-0.4627i
75.9	6.8569-1.9536i	-1.8751+0.0562i	--	4.4870-0.5412i	-0.9637-0.3033i	-0.1533-1.1980i	1.0956+0.3657i	-0.3943-0.4825i
76.0	6.8979-2.3423i	-1.8404+0.2678i	--	4.4232-0.7677i	-1.0191-0.2631i	-0.1328-1.2223i	1.0211+0.3019i	-0.3853-0.4542i
76.1	7.0153-2.4833i	-1.8294+0.3410i	--	4.3985-0.8273i	-1.0928-0.2364i	-0.1123-1.2955i	1.0042+0.2585i	-0.3948-0.4147i
76.2	6.8476-3.0875i	-1.7763+0.5999i	--	4.2858-1.2212i	-1.1574-0.1151i	-0.2861-1.3640i	0.9738+0.1410i	-0.3736-0.3254i
76.3	6.9105-3.3868i	-1.7449+0.7364i	--	4.3021-1.3845i	-1.1897-0.0497i	-0.3379-1.4042i	0.9334+0.1365i	-0.3542-0.3173i
76.4	6.9606-3.6637i	-1.6862+0.8295i	--	4.3048-1.5055i	-1.2196+0.0580i	-0.3643-1.4523i	0.8832+0.1431i	-0.3245-0.3036i
76.5	6.9327-3.8972i	-1.6726+0.9141i	--	4.2054-1.7153i	-1.2202+0.1497i	-0.3990-1.4727i	0.8800+0.1617i	-0.3046-0.3129i
76.6	6.8703-4.1287i	-1.5488+0.9369i	--	4.0804-1.8134i	-1.2176+0.2484i	-0.4683-1.5316i	0.8956+0.1564i	-0.3140-0.3036i
76.7	6.9096-4.1744i	-1.4451+1.0027i	--	3.9763-1.8566i	-1.2352+0.3274i	-0.5529-1.5521i	0.9003+0.1413i	-0.3124-0.2826i
76.8	7.0350-4.7569i	-1.4688+1.1556i	--	4.0212-1.9876i	-1.2173+0.4291i	-0.6397-1.6042i	0.9288+0.1109i	-0.3177-0.2609i
76.9	6.8429-5.0455i	-1.3252+1.2517i	--	3.8941-2.1497i	-1.1719+0.5241i	-0.7616-1.5786i	0.9156+0.1212i	-0.2867-0.2726i
77.0	6.6718-5.2349i	-1.1648+1.2783i	--	3.7358-2.2779i	-1.1139+0.6063i	-0.8591-1.5174i	0.9156+0.1218i	-0.2450-0.2752i
77.1	6.3783-5.8716i	-1.0833+1.4008i	--	3.6334-2.4050i	-1.0234+0.7139i	-0.9526-1.4396i	0.9685+0.0806i	-0.2534-0.2880i
77.2	6.4640-5.9981i	-0.9905+1.4017i	--	3.5462-2.4278i	-0.9614+0.7813i	-1.0439-1.4007i	1.0803-0.0065i	-0.3146-0.2621i
77.3	5.9336-6.1292i	-0.8241+1.4461i	--	3.3698-2.6576i	-0.8304+0.8066i	-1.0929-1.2515i	0.9927-0.1733i	-0.2813-0.1704i
77.4	5.6552-6.1397i	-0.6667+1.4424i	--	2.9646-2.7997i	-0.7335+0.8149i	-1.1036-1.2014i	0.8112-0.1664i	-0.1606-0.1824i
77.5	5.4281-6.0681i	-0.4438+1.4403i	--	2.6264-2.7625i	-0.6529+0.7894i	-1.1650-1.1840i	0.7697-0.1068i	-0.1236-0.2304i
77.6	5.0764-6.2283i	-0.3214+1.4521i	--	2.5373-2.7218i	-0.5526+0.7649i	-1.1845-1.1309i	0.7659-0.1123i	-0.1131-0.2493i
77.7	4.9918-6.0940i	-0.2006+1.3563i	--	2.4330-2.6499i	-0.4821+0.7196i	-1.2000-1.0818i	0.7682-0.1253i	-0.1071-0.2725i
77.8	4.5681-6.5244i	-0.0122+1.3781i	--	2.2323-2.6849i	-0.3879+0.6454i	-1.3070-0.9782i	0.7294-0.1601i	-0.0936-0.3116i
77.9	4.4711-6.5672i	0.1250+1.3254i	--	2.0244-2.7196i	-0.3788+0.5637i	-1.3546-0.9230i	0.7117-0.1487i	-0.0933-0.3396i
78.0	4.3338-6.7838i	0.2631+1.2183i	--	1.8961-2.7449i	-0.3994+0.4928i	-1.3949-0.8036i	0.7005-0.1694i	-0.1140-0.3575i
78.1	4.0281-6.7932i	0.3647+1.0627i	--	1.7816-2.7475i	-0.4489+0.4353i	-1.4335-0.6712i	0.6760-0.1995i	-0.1367-0.3602i
78.2	3.7585-6.9415i	0.4317+1.0124i	--	1.7239-2.7239i	-0.4853+0.4213i	-1.4437-0.6810i	0.6794-0.2345i	-0.1625-0.3403i
78.3	3.4849-6.8326i	0.5673+0.8896i	--	1.5652-2.6819i	-0.5203+0.4312i	-1.4276-0.6344i	0.6511-0.2402i	-0.1770-0.3412i
78.4	3.2074-6.9629i	0.6023+0.8097i	--	1.5766-2.6821i	-0.5670+0.4597i	-1.4366-0.6386i	0.6348-0.2511i	-0.2102-0.3374i
78.5	2.9825-7.3095i	0.5445+0.7810i	--	1.5868-2.6152i	-0.5755+0.5022i	-1.4788-0.5665i	0.5899-0.2861i	-0.1963-0.3235i
78.6	2.8910-7.0370i	0.6751+0.5715i	--	1.2919-2.6789i	-0.5976+0.5680i	-1.4672-0.4482i	0.5661-0.2654i	-0.1904-0.3202i
78.7	2.6728-6.9545i	0.8240+0.5018i	--	1.1765-2.8872i	-0.6030+0.6083i	-1.4819-0.3973i	0.5606-0.2293i	-0.1957-0.3360i
78.8	2.3709-6.6930i	1.0391+0.4602i	--	1.0537-3.2416i	-0.5891+0.6635i	-1.5268-0.4037i	0.5997-0.2004i	-0.2183-0.3575i
78.9	2.0686-6.7044i	1.3114+0.0780i	--	0.4597-3.5159i	-0.5359+0.7906i	-1.5485-0.3312i	0.6444-0.2322i	-0.2774-0.3399i
79.0	1.6972-6.8546i	1.0397-0.5009i	--	-0.3014-2.9864i	-0.3578+0.8951i	-1.5177-0.1546i	0.5914-0.3822i	-0.2781-0.2384i
79.1	1.5075-6.6097i	0.5364-0.6087i	--	-0.2837-2.1638i	-0.2430+0.7876i	-1.3634-0.0754i	0.4530-0.3771i	-0.1867-0.2052i
79.2	1.5792-6.5953i	0.3432-0.5374i	--	-0.0962-1.9017i	-0.2461+0.6837i	-1.2812-0.0937i	0.3973-0.3090i	-0.1379-0.2365i
79.3	1.4293-6.4120i	0.4110-0.3808i	--	0.0044-2.1110i	-0.2752+0.6664i	-1.2694-0.1514i	0.3961-0.2450i	-0.1370-0.2965i
79.4	1.1606-6.5911i	0.2002-0.4113i	--	0.0159-1.8708i	-0.2797+0.6529i	-1.2558-0.1415i	0.3725-0.2011i	-0.1474-0.3214i
79.5	1.2633-6.7184i	0.1215-0.6936i	--	-0.2095-1.5541i	-0.2470+0.6767i	-1.2954-0.0717i	0.3705-0.1822i	-0.1544-0.3351i
79.6	1.1899-6.1121i	0.2827-0.8660i	--	-0.5996-1.4503i	-0.1976+0.6749i	-1.2963-0.0536i	0.3625-0.1943i	-0.1216-0.3237i
79.7	0.7267-6.2702i	0.0564-0.7571i	--	-0.5391-1.3324i	-0.1442+0.6875i	-1.2874-0.0615i	0.3570-0.1852i	-0.1467-0.3196i
79.8	0.6289-6.2383i	-0.1049-0.8683i	--	-0.4660-1.0392i	-0.1299+0.6506i	-1.2873-0.0302i	0.3709-0.1237i	-0.1557-0.3789i
79.9	0.9883-6.0641i	-0.4284-1.0360i	--	-0.4784-0.4492i	-0.1286+0.5904i	-1.3073+0.0183i	0.3672-0.0597i	-0.1233-0.4417i
80.0	0.6240-6.0547i	-0.5399-0.9542i	--	-0.3961-0.3536i	-0.1260+0.5992i	-1.3121+0.0304i	0.3598-0.0410i	-0.1445-0.4301i

2.1.53 Run 5 – VTC – Accels 33–40

Vertical shaking on center. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	5.1050+0.0000i	1.4577+0.0000i	-3.7792+0.0000i	-4.9536+0.0000i	10.1188+0.0000i	1.0479+0.0000i	7.9403+0.0000i	2.9502+0.0000i
0.1	1.4907-0.0629i	0.6577-0.2612i	-0.6819+0.0474i	-1.0407+0.3474i	2.1545-0.4224i	0.6805-0.6877i	1.6643-0.1436i	0.3829+0.0572i
0.2	-0.0569-0.1943i	0.0402-0.3415i	-0.0822-0.2786i	0.3136+0.0505i	0.4631-0.0109i	0.7774-0.1173i	-0.0696+0.1134i	-0.3181-0.0640i
0.3	-0.0469+0.0569i	0.0569-0.0066i	-0.0005+0.0227i	-0.0485+0.0476i	-0.0151+0.0926i	0.0448+0.2059i	-0.0453+0.1114i	-0.0892-0.0375i
0.4	-0.0074-0.0208i	0.0351-0.0175i	-0.0068+0.0023i	0.0099+0.0105i	0.0110+0.0553i	0.0476+0.0556i	0.0208+0.0190i	0.0168+0.0301i
0.5	0.0156-0.0223i	0.0019+0.0025i	0.0159+0.0106i	0.0360+0.0138i	-0.0101+0.0141i	0.0201-0.0186i	0.0105+0.0079i	0.0174+0.0134i
0.6	0.0044-0.0052i	-0.0040-0.0119i	0.0066-0.0038i	0.0036-0.0010i	-0.0032-0.0000i	0.0102+0.0012i	-0.0050-0.0032i	0.0097-0.0018i
0.7	-0.0061+0.0140i	-0.0058-0.0059i	-0.0013+0.0034i	-0.0031+0.0118i	0.0091-0.0088i	0.0065+0.0008i	-0.0116-0.0045i	0.0078-0.0041i
0.8	-0.0064+0.0146i	-0.0027+0.0011i	-0.0098+0.0021i	0.0057+0.0112i	-0.0024+0.0048i	-0.0055+0.0040i	0.0011+0.0014i	0.0027+0.0018i
0.9	-0.0026+0.0063i	0.0023+0.0008i	-0.0039-0.0032i	-0.0039+0.0102i	0.0055+0.0066i	-0.0034+0.0041i	-0.0015+0.0005i	0.0010+0.0009i
1.0	-0.0008+0.0053i	0.0040-0.0014i	-0.0038-0.0025i	0.0024+0.0048i	0.0050-0.0008i	-0.0062-0.0014i	-0.0013+0.0002i	-0.0016+0.0008i
1.1	-0.0021+0.0035i	0.0022+0.0003i	-0.0067-0.0024i	0.0045+0.0037i	0.0073-0.0040i	-0.0063-0.0009i	-0.0022+0.0007i	-0.0005+0.0001i
1.2	-0.0005+0.0029i	0.0006+0.0005i	-0.0073-0.0041i	0.0038+0.0017i	0.0040-0.0017i	-0.0034-0.0012i	-0.0009+0.0007i	-0.0002+0.0005i
1.3	-0.0019+0.0019i	0.0032-0.0004i	-0.0046+0.0003i	0.0048+0.0008i	0.0047+0.0075i	-0.0040+0.0001i	-0.0002+0.0013i	0.0006+0.0012i
1.4	-0.0015-0.0003i	0.0057-0.0015i	-0.0051+0.0023i	0.0021-0.0014i	0.0101-0.0026i	-0.0062-0.0008i	-0.0017+0.0011i	0.0013+0.0001i
1.5	0.0029-0.0028i	0.0058-0.0039i	-0.0095-0.0019i	0.0024+0.0000i	0.0044-0.0085i	-0.0080-0.0015i	-0.0010-0.0011i	0.0009+0.0001i
1.6	0.0049-0.0024i	0.0018-0.0046i	-0.0103-0.0009i	0.0064-0.0000i	-0.0039-0.0027i	-0.0066-0.0009i	-0.0014+0.0006i	0.0005+0.0004i
1.7	0.0043-0.0029i	0.0028-0.0032i	-0.0109+0.0010i	0.0058-0.0027i	-0.0052-0.0006i	-0.0097-0.0012i	-0.0023+0.0014i	-0.0009+0.0011i
1.8	0.0086-0.0074i	0.0078-0.0012i	-0.0108+0.0016i	0.0103-0.0026i	-0.0036-0.0108i	-0.0104+0.0004i	-0.0028+0.0017i	-0.0024+0.0020i
1.9	0.0069-0.0210i	0.0121-0.0055i	-0.0138-0.0005i	0.0093-0.0200i	0.0055-0.0056i	-0.0098+0.0030i	-0.0037-0.0019i	0.0017-0.0004i
2.0	-0.0073-0.0347i	0.0200-0.0143i	-0.0151+0.0006i	-0.0023-0.0371i	0.0121-0.0139i	-0.0112+0.0044i	-0.0023-0.0049i	0.0005-0.0019i
2.1	-0.0123-0.0465i	0.0174-0.0471i	-0.0165+0.0007i	-0.0084-0.0585i	0.0036-0.0211i	-0.0115+0.0054i	-0.0041-0.0066i	-0.0008-0.0035i
2.2	-0.0749-0.0460i	-0.0171-0.0362i	-0.0153+0.0014i	-0.0829-0.0551i	-0.0198-0.0283i	-0.0071+0.0038i	-0.0138-0.0072i	-0.0015-0.0029i
2.3	-0.1900+0.0308i	-0.0162+0.0038i	-0.0138-0.0021i	-0.1908+0.0338i	-0.0308+0.0069i	-0.0009-0.0018i	-0.0289+0.0061i	-0.0018-0.0001i
2.4	-0.0384+0.2076i	-0.0092+0.0012i	-0.0220-0.0079i	-0.0373+0.2035i	-0.0188+0.0338i	-0.0119-0.0147i	-0.0059+0.0331i	-0.0009-0.0015i
2.5	0.0935+0.1037i	-0.0078+0.0002i	-0.0289-0.0045i	0.0902+0.1022i	0.0049+0.0160i	-0.0219-0.0087i	0.0120+0.0148i	-0.0017-0.0011i
2.6	0.0621+0.0334i	-0.0062-0.0013i	-0.0281-0.0014i	0.0588+0.0349i	0.0092-0.0009i	-0.0217-0.0048i	0.0057+0.0029i	-0.0012-0.0010i
2.7	0.0381+0.0132i	-0.0065-0.0000i	-0.0300-0.0020i	0.0344+0.0179i	0.0091-0.0100i	-0.0219-0.0033i	0.0032+0.0009i	-0.0016-0.0007i
2.8	0.0273+0.0088i	-0.0059+0.0010i	-0.0337-0.0033i	0.0239+0.0095i	0.0015-0.0136i	-0.0243-0.0036i	0.0002-0.0007i	-0.0022-0.0015i
2.9	0.0253+0.0108i	-0.0051+0.0002i	-0.0368-0.0024i	0.0254+0.0086i	0.0086-0.0129i	-0.0266-0.0023i	-0.0014+0.0014i	-0.0029-0.0003i
3.0	0.0202+0.0064i	-0.0042+0.0010i	-0.0375-0.0021i	0.0225+0.0050i	-0.0009-0.0090i	-0.0276-0.0008i	-0.0007+0.0011i	-0.0029+0.0011i
3.1	0.0131+0.0058i	-0.0030+0.0002i	-0.0383-0.0031i	0.0155+0.0055i	-0.0068-0.0062i	-0.0284-0.0011i	0.0003-0.0017i	-0.0020+0.0026i
3.2	0.0130+0.0124i	-0.0023+0.0001i	-0.0421-0.0048i	0.0118+0.0083i	-0.0165+0.0080i	-0.0336-0.0006i	-0.0059-0.0032i	-0.0025+0.0069i
3.3	0.0249+0.0122i	-0.0028-0.0011i	-0.0500-0.0025i	0.0188+0.0135i	-0.0027+0.0031i	-0.0334+0.0030i	-0.0092+0.0026i	-0.0008+0.0041i
3.4	0.0245+0.0068i	-0.0033-0.0031i	-0.0536-0.0028i	0.0207+0.0097i	0.0067-0.0022i	-0.0339+0.0010i	-0.0046-0.0001i	0.0009+0.0016i
3.5	0.0217+0.0039i	-0.0027-0.0044i	-0.0540-0.0068i	0.0231+0.0101i	0.0122+0.0017i	-0.0367-0.0035i	-0.0054-0.0020i	0.0042-0.0000i
3.6	0.0280+0.0070i	-0.0031-0.0002i	-0.0623-0.0086i	0.0248-0.0054i	-0.0313-0.0350i	-0.0362-0.0077i	-0.0087-0.0082i	0.0094+0.0107i
3.7	0.0077-0.0032i	-0.0080+0.0010i	-0.0612+0.0024i	0.0118-0.0035i	-0.0122-0.0043i	-0.0415+0.0042i	-0.0127-0.0053i	-0.0023-0.0113i
3.8	0.0100+0.0007i	-0.0044+0.0018i	-0.0654+0.0001i	0.0108+0.0013i	-0.0109+0.0019i	-0.0455+0.0022i	-0.0135-0.0004i	-0.0005-0.0061i
3.9	0.0114+0.0022i	-0.0032+0.0003i	-0.0700-0.0003i	0.0109+0.0009i	-0.0048+0.0014i	-0.0477+0.0019i	-0.0122+0.0008i	-0.0024-0.0009i
4.0	0.0130+0.0018i	-0.0040-0.0015i	-0.0732-0.0009i	0.0124+0.0006i	-0.0037+0.0003i	-0.0492+0.0014i	-0.0120+0.0005i	0.0017+0.0032i
4.1	0.0135+0.0005i	-0.0052-0.0013i	-0.0769-0.0009i	0.0135-0.0004i	-0.0039+0.0014i	-0.0519+0.0004i	-0.0121+0.0004i	0.0069+0.0020i
4.2	0.0124+0.0003i	-0.0061-0.0004i	-0.0827-0.0014i	0.0135-0.0010i	-0.0001+0.0046i	-0.0563-0.0006i	-0.0139-0.0006i	0.0092-0.0024i
4.3	0.0127+0.0013i	-0.0063+0.0006i	-0.0889-0.0024i	0.0119-0.0008i	0.0020+0.0052i	-0.0597-0.0014i	-0.0139+0.0012i	0.0129-0.0101i
4.4	0.0132+0.0013i	-0.0074+0.0044i	-0.0952-0.0028i	0.0114+0.0015i	0.0054+0.0025i	-0.0634-0.0023i	-0.0139+0.0032i	0.0114-0.0196i
4.5	0.0123+0.0015i	-0.0073+0.0080i	-0.1017-0.0018i	0.0114+0.0045i	0.0126+0.0034i	-0.0659-0.0017i	-0.0110+0.0024i	0.0086-0.0305i
4.6	0.0136-0.0002i	-0.0034+0.0112i	-0.1083-0.0010i	0.0155+0.0043i	0.0048+0.0170i	-0.0694-0.0007i	-0.0098+0.0010i	-0.0032-0.0430i
4.7	0.0141+0.0022i	0.0004+0.0156i	-0.1133-0.0017i	0.0195+0.0027i	-0.0004+0.0051i	-0.0715-0.0018i	-0.0082-0.0021i	-0.0233-0.0697i
4.8	0.0123+0.0065i	0.0150+0.0180i	-0.1211-0.0018i	0.0153+0.0055i	0.0030+0.0018i	-0.0777-0.0021i	-0.0126-0.0146i	-0.1056-0.0729i
4.9	0.0184+0.0060i	0.0249+0.0007i	-0.1289-0.0025i	0.0165+0.0099i	0.0130+0.0042i	-0.0839-0.0025i	-0.0319-0.0211i	-0.1535+0.0436i
5.0	0.0219-0.0017i	0.0043-0.0132i	-0.1415-0.0079i	0.0258+0.0026i	-0.0034-0.0310i	-0.0908-0.0087i	-0.0443+0.0066i	-0.0133+0.1068i
5.1	0.0209-0.0005i	0.0007-0.0094i	-0.1536-0.0111i	0.0262+0.0074i	-0.0012-0.0070i	-0.0989-0.0109i	-0.0422+0.0104i	-0.0046+0.0788i
5.2	0.0265-0.0049i	-0.0000-0.0094i	-0.1707-0.0081i	0.0406+0.0102i	0.0111-0.0074i	-0.1123-0.0110i	-0.0566+0.0293i	0.0057+0.0943i
5.3	0.0270-0.0162i	-0.0011-0.0079i	-0.1808+0.0043i	0.0569-0.0092i	-0.0047-0.0134i	-0.1197-0.0008i	-0.0415+0.0710i	0.0329+0.0891i
5.4	0.0207-0.0171i	-0.0043-0.0026i	-0.1833+0.0128i	0.0460-0.0345i	0.0067+0.0014i	-0.1104+0.0063i	0.0103+0.0768i	0.0664+0.0878i
5.5	0.0030-0.0108i	-0.0044-0.0128i	-0.1854+0.0053i	0.0082-0.0373i	-0.0242-0.0257i	-0.1057-0.0030i	0.0764+0.0186i	0.1421+0.1098i
5.6	-0.0082+0.0030i	-0.0224-0.0004i	-0.2069-0.0024i	-0.0163-0.0185i	-0.0478+0.0062i	-0.1194-0.0094i	0.0877-0.0704i	0.2589-0.1143i

5.7	0.0015+0.0112i	-0.0151+0.0154i	-0.2313-0.0027i	-0.0056+0.0050i	-0.0103+0.0088i	-0.1339-0.0129i	0.0479-0.1000i	0.0866-0.2988i
5.8	0.0101+0.0272i	0.0024+0.0128i	-0.2484+0.0046i	0.0099+0.0241i	0.0025+0.0152i	-0.1433-0.0127i	0.0273-0.1303i	-0.0795-0.2369i
5.9	0.0251+0.0318i	0.0172+0.0108i	-0.2656+0.0045i	0.0253+0.0304i	0.0100+0.0137i	-0.1531-0.0141i	-0.0394-0.1463i	-0.2560-0.1805i
6.0	0.0331+0.0277i	0.0225-0.0039i	-0.2841+0.0007i	0.0383+0.0276i	0.0181+0.0038i	-0.1643-0.0145i	-0.0647-0.1197i	-0.2956+0.0243i
6.1	0.0384+0.0264i	0.0150-0.0175i	-0.3135+0.0023i	0.0490+0.0253i	0.0087-0.0131i	-0.1746-0.0129i	-0.0610-0.1133i	-0.1626+0.1971i
6.2	0.0506+0.0289i	0.0026-0.0188i	-0.3522+0.0101i	0.0640+0.0257i	-0.0014-0.0148i	-0.1906-0.0122i	-0.0996-0.1382i	-0.0095+0.1895i
6.3	0.0589+0.0283i	-0.0013-0.0157i	-0.3780+0.0175i	0.0732+0.0235i	-0.0025-0.0080i	-0.2009-0.0094i	-0.1305-0.1350i	0.0302+0.1433i
6.4	0.0727+0.0294i	-0.0016-0.0117i	-0.4187+0.0320i	0.0887+0.0232i	-0.0018-0.0082i	-0.2135-0.0054i	-0.1677-0.1336i	0.0239+0.0847i
6.5	0.0861+0.0278i	-0.0034-0.0106i	-0.4625+0.0452i	0.1071+0.0216i	-0.0043-0.0034i	-0.2235+0.0015i	-0.2131-0.1219i	0.0143+0.0724i
6.6	0.1047+0.0251i	-0.0039-0.0077i	-0.5161+0.0691i	0.1302+0.0172i	-0.0061-0.0024i	-0.2310+0.0068i	-0.2427-0.0969i	0.0151+0.0606i
6.7	0.1323+0.0212i	-0.0005-0.0063i	-0.5877+0.0952i	0.1625+0.0105i	-0.0077-0.0066i	-0.2419+0.0048i	-0.2888-0.0922i	-0.0226+0.0698i
6.8	0.1702+0.0165i	0.0032-0.0062i	-0.6905+0.1304i	0.2105+0.0034i	-0.0074-0.0036i	-0.2544+0.0023i	-0.3587-0.0746i	-0.0629+0.1205i
6.9	0.2240+0.0009i	0.0072-0.0092i	-0.8284+0.2128i	0.2798-0.0210i	-0.0082-0.0037i	-0.2663-0.0027i	-0.4399-0.0411i	-0.0450+0.2254i
7.0	0.3160-0.0885i	0.0054-0.0191i	-1.0035+0.5250i	0.3902-0.1472i	-0.0056+0.0037i	-0.2902-0.0114i	-0.5957+0.0765i	0.0996+0.3150i
7.1	0.3395-0.2676i	-0.0039-0.0231i	-0.9153+0.9822i	0.4005-0.3793i	-0.0120+0.0094i	-0.3197-0.0020i	-0.6877+0.3659i	0.2500+0.2873i
7.2	0.2038-0.4510i	-0.0118-0.0154i	-0.4344+1.2995i	0.2101-0.5962i	-0.0020+0.0182i	-0.3329+0.0147i	-0.4781+0.7267i	0.3666+0.2961i
7.3	-0.0738-0.4588i	0.0026-0.0127i	0.2114+1.0417i	-0.1362-0.5809i	0.0166+0.0034i	-0.3454-0.0298i	0.0952+0.7095i	0.8626+0.0370i
7.4	-0.1839-0.3706i	-0.0030-0.0230i	0.3784+0.7510i	-0.2769-0.4683i	0.0121-0.0036i	-0.4235-0.0467i	0.2138+0.4913i	0.7579-0.5876i
7.5	-0.2190-0.2282i	-0.0144-0.0178i	0.3262+0.3860i	-0.3199-0.2803i	0.0054-0.0088i	-0.4764+0.0038i	0.1788+0.3052i	0.1152-0.7557i
7.6	-0.1939-0.1756i	-0.0138-0.0119i	0.2003+0.2743i	-0.2825-0.2093i	0.0058-0.0096i	-0.4793+0.0277i	0.1320+0.2630i	-0.0948-0.5103i
7.7	-0.1616-0.1463i	-0.0101-0.0106i	0.0661+0.2051i	-0.2365-0.1708i	0.0030-0.0063i	-0.4914+0.0241i	0.0943+0.2429i	-0.0910-0.3212i
7.8	-0.1451-0.1370i	-0.0108-0.0126i	-0.0584+0.1675i	-0.2147-0.1592i	-0.0000-0.0104i	-0.5549-0.0068i	0.0650+0.2491i	-0.0927-0.2507i
7.9	-0.1540-0.1377i	-0.0135-0.0127i	-0.1419+0.1537i	-0.2236-0.1573i	-0.0007-0.0132i	-0.6426-0.0111i	0.0712+0.2597i	-0.0899-0.1762i
8.0	-0.1623-0.1291i	-0.0136-0.0092i	-0.1991+0.1567i	-0.2315-0.1431i	-0.0009-0.0105i	-0.7036+0.0312i	0.0838+0.2566i	-0.0966-0.1825i
8.1	-0.1662-0.1170i	-0.0105-0.0093i	-0.2798+0.1526i	-0.2341-0.1278i	0.0049-0.0114i	-0.7772+0.0614i	0.0934+0.2619i	-0.1680-0.1647i
8.2	-0.1751-0.1049i	-0.0123-0.0095i	-0.3595+0.1888i	-0.2456-0.1125i	-0.0030-0.0098i	-0.8584+0.1310i	0.1207+0.2598i	-0.1507-0.0896i
8.3	-0.1917-0.0928i	-0.0151-0.0084i	-0.4427+0.2143i	-0.2629-0.0957i	-0.0062-0.0073i	-0.9490+0.2000i	0.1506+0.2516i	-0.1194-0.0387i
8.4	-0.2001-0.0834i	-0.0164-0.0067i	-0.5043+0.2388i	-0.2712-0.0807i	-0.0082-0.0073i	-1.0107+0.2521i	0.1686+0.2395i	-0.0982-0.0295i
8.5	-0.2135-0.0721i	-0.0170-0.0044i	-0.6028+0.2838i	-0.2871-0.0646i	-0.0127-0.0021i	-1.1143+0.3308i	0.1935+0.2218i	-0.0923-0.0091i
8.6	-0.2267-0.0605i	-0.0169-0.0033i	-0.6851+0.3399i	-0.3015-0.0497i	-0.0133-0.0034i	-1.2062+0.4170i	0.2067+0.2027i	-0.0871+0.0188i
8.7	-0.2453-0.0420i	-0.0162-0.0022i	-0.8187+0.4415i	-0.3238-0.0259i	-0.0225-0.0107i	-1.3648+0.5629i	0.2192+0.1847i	-0.0423+0.0768i
8.8	-0.2661-0.0199i	-0.0165-0.0015i	-0.9447+0.5981i	-0.3470+0.0039i	-0.0231-0.0115i	-1.5140+0.7834i	0.2483+0.1627i	0.0147+0.1090i
8.9	-0.2860+0.0115i	-0.0186-0.0010i	-1.0577+0.7587i	-0.3691+0.0435i	-0.0273-0.0086i	-1.6481+1.0115i	0.2704+0.1232i	0.1846+0.1537i
9.0	-0.3057+0.0699i	-0.0210+0.0080i	-1.1343+1.1125i	-0.3873+0.1203i	-0.0268+0.0109i	-1.7272+1.4987i	0.2600+0.0490i	0.3855-0.1399i
9.1	-0.2897+0.1140i	-0.0152+0.0134i	-1.0386+1.3440i	-0.3652+0.1726i	-0.0196+0.0184i	-1.5716+1.8106i	0.1954+0.0327i	0.1584-0.3768i
9.2	-0.3257+0.1680i	-0.0099+0.0145i	-1.2808+1.7763i	-0.4096+0.2454i	-0.0205+0.0191i	-1.8747+2.3807i	0.2149+0.0773i	-0.0132-0.2918i
9.3	-0.3070+0.2782i	-0.0050+0.0167i	-1.0002+2.5043i	-0.3751+0.3865i	-0.0249+0.0246i	-1.4869+3.3530i	0.2462+0.0436i	0.0014-0.3262i
9.4	-0.1679+0.3812i	0.0050+0.0158i	0.0591+3.0261i	-0.1906+0.5092i	-0.0079+0.0318i	-0.0480+4.0441i	0.2391-0.0132i	-0.1345-0.4256i
9.5	-0.0134+0.3654i	0.0114+0.0083i	1.0566+2.6898i	0.0058+0.4758i	0.0165+0.0209i	1.2990+3.5803i	0.1990-0.0471i	-0.3499-0.3709i
9.6	0.0729+0.2918i	0.0112+0.0012i	1.5463+2.0417i	0.1119+0.3739i	0.0242+0.0129i	1.9585+2.7054i	0.1559-0.0541i	-0.4685-0.2271i
9.7	0.0990+0.1950i	0.0100-0.0050i	1.5627+1.3596i	0.1384+0.2499i	0.0214+0.0052i	1.9798+1.7873i	0.1250-0.0337i	-0.4804-0.0627i
9.8	0.0969+0.1384i	0.0080-0.0073i	1.4444+0.9747i	0.1307+0.1762i	0.0158+0.0079i	1.8230+1.2700i	0.1185-0.0197i	-0.4618+0.0885i
9.9	0.0803+0.1041i	0.0052-0.0084i	1.2870+0.7420i	0.1083+0.1332i	0.0189+0.0056i	1.6157+0.9581i	0.1211-0.0107i	-0.3810+0.2018i
10.0	0.0681+0.0779i	0.0042-0.0092i	1.1564+0.5724i	0.0930+0.1007i	0.0153+0.0016i	1.4432+0.7318i	0.1238-0.0127i	-0.2716+0.2810i
10.1	0.0573+0.0627i	0.0030-0.0102i	1.0318+0.4904i	0.0768+0.0812i	0.0137-0.0037i	1.2817+0.6200i	0.1247-0.0211i	-0.1804+0.2707i
10.2	0.0450+0.0522i	0.0014-0.0113i	0.9136+0.4373i	0.0598+0.0671i	0.0111-0.0097i	1.1305+0.5463i	0.1230-0.0339i	-0.1276+0.2547i
10.3	0.0335+0.0512i	0.0008-0.0100i	0.8233+0.4458i	0.0452+0.0657i	0.0111-0.0047i	1.0128+0.5493i	0.1055-0.0508i	-0.0692+0.2411i
10.4	0.0307+0.0461i	0.0007-0.0123i	0.8040+0.4556i	0.0411+0.0614i	0.0075-0.0101i	0.9818+0.5597i	0.0750-0.0534i	-0.0398+0.2275i
10.5	0.0306+0.0420i	-0.0003-0.0131i	0.8059+0.4418i	0.0395+0.0568i	0.0069-0.0115i	0.9780+0.5438i	0.0596-0.0381i	-0.0234+0.2146i
10.6	0.0296+0.0349i	-0.0014-0.0146i	0.8083+0.3938i	0.0366+0.0483i	0.0081-0.0070i	0.9796+0.4906i	0.0510-0.0232i	0.0142+0.1932i
10.7	0.0278+0.0292i	-0.0012-0.0151i	0.8043+0.3263i	0.0343+0.0397i	0.0143-0.0085i	0.9784+0.4079i	0.0508-0.0152i	0.0521+0.1622i
10.8	0.0230+0.0235i	-0.0015-0.0171i	0.7744+0.2779i	0.0287+0.0327i	0.0077-0.0178i	0.9444+0.3446i	0.0507-0.0091i	0.0533+0.1242i
10.9	0.0171+0.0200i	-0.0036-0.0166i	0.7205+0.2430i	0.0203+0.0288i	-0.0036-0.0107i	0.8786+0.2996i	0.0502-0.0029i	0.0272+0.1088i
11.0	0.0137+0.0171i	-0.0065-0.0157i	0.6795+0.2146i	0.0150+0.0246i	-0.0019-0.0046i	0.8291+0.2649i	0.0497+0.0010i	0.0223+0.1154i
11.1	0.0129+0.0147i	-0.0071-0.0186i	0.6466+0.1973i	0.0122+0.0228i	0.0026-0.0140i	0.7894+0.2429i	0.0497+0.0033i	0.0365+0.1454i
11.2	0.0086+0.0129i	-0.0091-0.0205i	0.6115+0.1837i	0.0081+0.0204i	0.0019-0.0117i	0.7486+0.2243i	0.0479+0.0052i	0.0658+0.1513i
11.3	0.0051+0.0113i	-0.0106-0.0198i	0.5869+0.1724i	0.0035+0.0175i	-0.0000-0.0188i	0.7213+0.2085i	0.0478+0.0059i	0.0936+0.1532i
11.4	0.0032+0.0086i	-0.0120-0.0194i	0.5608+0.1580i	0.0005+0.0157i	-0.0145-0.0152i	0.6915+0.1914i	0.0448+0.0064i	0.1122+0.1559i
11.5	0.0001+0.0080i	-0.0148-0.0196i	0.5385+0.1491i	-0.0024+0.0153i	-0.0214-0.0095i	0.6648+0.1804i	0.0422+0.0070i	0.1384+0.1437i
11.6	-0.0021+0.0080i	-0.0154-0.0175i	0.5067+0.1425i	-0.0078+0.0148i	-0.0075-0.0119i	0.6296+0.1693i	0.0387+0.0086i	0.1565+0.0978i
11.7	-0.0054+0.0065i	-0.0165-0.0162i	0.4777+0.1347i	-0.0121+0.0126i	-0.0068-0.0232i	0.5980+0.1598i	0.0357+0.0109i	0.1871+0.0801i
11.8	-0.0088+0.0055i	-0.0171-0.0149i	0.4548+0.1336i	-0.0151+0.0115i	-0.0076-0.0139i	0.5715+0.1582i	0.0335+0.0151i	0.2070+0.0346i
11.9	-0.0093+0.0042i	-0.0184-0.0135i	0.4321+0.1358i	-0.0188+0.0111i	-0.0133-0.0053i	0.5437+0.1595i	0.0317+0.0156i	0.1918+0.0141i

12.0	-0.0113+0.0041i	-0.0209-0.0129i	0.4095+0.1447i	-0.0228+0.0111i	-0.0163-0.0122i	0.5168+0.1674i	0.0331+0.0195i	0.1885+0.0012i
12.1	-0.0136+0.0051i	-0.0208-0.0110i	0.3875+0.1512i	-0.0260+0.0122i	-0.0176-0.0113i	0.4931+0.1717i	0.0306+0.0238i	0.1900-0.0314i
12.2	-0.0134+0.0049i	-0.0196-0.0085i	0.3646+0.1628i	-0.0287+0.0147i	-0.0180-0.0144i	0.4670+0.1826i	0.0268+0.0277i	0.1709-0.0515i
12.3	-0.0160+0.0051i	-0.0201-0.0081i	0.3461+0.1804i	-0.0318+0.0152i	-0.0294-0.0127i	0.4463+0.2013i	0.0250+0.0352i	0.1598-0.0570i
12.4	-0.0190+0.0063i	-0.0190-0.0078i	0.3405+0.2024i	-0.0354+0.0158i	-0.0257-0.0112i	0.4373+0.2264i	0.0257+0.0423i	0.1520-0.0779i
12.5	-0.0213+0.0083i	-0.0182-0.0052i	0.3474+0.2240i	-0.0383+0.0198i	-0.0166+0.0007i	0.4413+0.2506i	0.0277+0.0512i	0.1389-0.0854i
12.6	-0.0222+0.0079i	-0.0162-0.0025i	0.3621+0.2386i	-0.0386+0.0225i	-0.0075+0.0059i	0.4540+0.2637i	0.0297+0.0548i	0.1389-0.0795i
12.7	-0.0210+0.0078i	-0.0112-0.0005i	0.3846+0.2441i	-0.0392+0.0219i	-0.0010+0.0015i	0.4760+0.2716i	0.0331+0.0587i	0.1653-0.0707i
12.8	-0.0209+0.0066i	-0.0071-0.0050i	0.3914+0.2267i	-0.0406+0.0226i	-0.0024-0.0051i	0.4821+0.2580i	0.0401+0.0619i	0.2080-0.0982i
12.9	-0.0218+0.0055i	-0.0000-0.0061i	0.3935+0.2136i	-0.0416+0.0226i	-0.0059+0.0004i	0.4851+0.2495i	0.0433+0.0683i	0.2773-0.1535i
13.0	-0.0232+0.0049i	0.0056-0.0108i	0.3925+0.2048i	-0.0436+0.0249i	0.0032-0.0045i	0.4874+0.2478i	0.0473+0.0674i	0.2939-0.2660i
13.1	-0.0240+0.0029i	0.0089-0.0239i	0.3892+0.1896i	-0.0473+0.0272i	0.0086-0.0224i	0.4964+0.2370i	0.0539+0.0662i	0.2159-0.4122i
13.2	-0.0264+0.0002i	0.0053-0.0348i	0.3755+0.1756i	-0.0494+0.0310i	0.0045-0.0351i	0.4936+0.2174i	0.0566+0.0699i	0.0934-0.4681i
13.3	-0.0300-0.0013i	-0.0031-0.0434i	0.3601+0.1710i	-0.0485+0.0334i	0.0031-0.0497i	0.4803+0.2049i	0.0660+0.0751i	-0.0022-0.4947i
13.4	-0.0360-0.0030i	-0.0196-0.0556i	0.3465+0.1716i	-0.0465+0.0399i	-0.0207-0.0723i	0.4639+0.1996i	0.0752+0.0555i	-0.1593-0.4710i
13.5	-0.0423-0.0019i	-0.0374-0.0547i	0.3345+0.1737i	-0.0413+0.0429i	-0.0497-0.0726i	0.4493+0.1904i	0.0691+0.0580i	-0.2099-0.3544i
13.6	-0.0473+0.0020i	-0.0536-0.0479i	0.3288+0.1861i	-0.0326+0.0408i	-0.0539-0.0645i	0.4288+0.1929i	0.0749+0.0601i	-0.2194-0.3148i
13.7	-0.0512+0.0056i	-0.0635-0.0397i	0.3261+0.1983i	-0.0292+0.0349i	-0.0696-0.0520i	0.4057+0.2041i	0.0787+0.0557i	-0.2326-0.3238i
13.8	-0.0562+0.0078i	-0.0696-0.0316i	0.3235+0.2131i	-0.0331+0.0276i	-0.0741-0.0284i	0.3872+0.2227i	0.0861+0.0511i	-0.2976-0.3217i
13.9	-0.0561+0.0125i	-0.0734-0.0245i	0.3266+0.2203i	-0.0361+0.0270i	-0.0779-0.0249i	0.3766+0.2395i	0.0861+0.0421i	-0.3436-0.2264i
14.0	-0.0575+0.0168i	-0.0834-0.0136i	0.3273+0.2204i	-0.0428+0.0239i	-0.0997-0.0148i	0.3610+0.2656i	0.0733+0.0380i	-0.3610-0.1601i
14.1	-0.0559+0.0189i	-0.0884-0.0018i	0.3347+0.2199i	-0.0484+0.0228i	-0.1042-0.0183i	0.3629+0.2991i	0.0630+0.0410i	-0.3872-0.1471i
14.2	-0.0578+0.0186i	-0.0880+0.0110i	0.3400+0.2168i	-0.0542+0.0231i	-0.0983-0.0068i	0.3768+0.3279i	0.0575+0.0456i	-0.3773-0.1676i
14.3	-0.0557+0.0219i	-0.0833+0.0235i	0.3492+0.2135i	-0.0556+0.0246i	-0.1012+0.0109i	0.4014+0.3568i	0.0613+0.0500i	-0.3380-0.1702i
14.4	-0.0578+0.0225i	-0.0772+0.0297i	0.3502+0.2070i	-0.0596+0.0270i	-0.0942+0.0229i	0.4324+0.3637i	0.0640+0.0587i	-0.3906-0.1191i
14.5	-0.0582+0.0222i	-0.0760+0.0367i	0.3537+0.1942i	-0.0629+0.0269i	-0.0886+0.0448i	0.4498+0.3653i	0.0675+0.0612i	-0.4562-0.1022i
14.6	-0.0584+0.0253i	-0.0785+0.0456i	0.3422+0.1854i	-0.0660+0.0306i	-0.0850+0.0475i	0.4428+0.3824i	0.0657+0.0457i	-0.6301-0.1115i
14.7	-0.0616+0.0253i	-0.0745+0.0611i	0.3285+0.1881i	-0.0697+0.0321i	-0.0820+0.0642i	0.4570+0.4182i	0.0553+0.0468i	-0.7656+0.0858i
14.8	-0.0645+0.0268i	-0.0633+0.0767i	0.3283+0.1977i	-0.0726+0.0362i	-0.0718+0.0865i	0.5074+0.4554i	0.0514+0.0613i	-0.8581+0.3680i
14.9	-0.0644+0.0281i	-0.0399+0.0907i	0.3373+0.2023i	-0.0737+0.0362i	-0.0524+0.1043i	0.5896+0.4771i	0.0562+0.0741i	-0.6829+0.7514i
15.0	-0.0595+0.0323i	-0.0216+0.0913i	0.3487+0.1987i	-0.0721+0.0389i	-0.0139+0.1116i	0.6488+0.4612i	0.0646+0.0630i	-0.4688+0.9427i
15.1	-0.0597+0.0306i	-0.0027+0.0785i	0.3573+0.1885i	-0.0742+0.0389i	0.0078+0.0826i	0.7170+0.4078i	0.0639+0.0580i	-0.1409+0.9483i
15.2	-0.0630+0.0260i	0.0048+0.0563i	0.3641+0.1736i	-0.0778+0.0364i	0.0003+0.0696i	0.7519+0.3236i	0.0566+0.0595i	0.1222+0.7910i
15.3	-0.0680+0.0219i	0.0012+0.0386i	0.3606+0.1581i	-0.0841+0.0340i	0.0152+0.0396i	0.7437+0.2541i	0.0481+0.0694i	0.2363+0.5874i
15.4	-0.0778+0.0197i	-0.0080+0.0293i	0.3580+0.1471i	-0.0938+0.0339i	-0.0008+0.0365i	0.7276+0.2162i	0.0491+0.0737i	0.2812+0.4176i
15.5	-0.0848+0.0197i	-0.0166+0.0255i	0.3589+0.1395i	-0.1019+0.0347i	-0.0191+0.0355i	0.7213+0.1926i	0.0407+0.0730i	0.2739+0.3331i
15.6	-0.0960+0.0223i	-0.0319+0.0342i	0.3588+0.1154i	-0.1122+0.0385i	-0.0314+0.0351i	0.7046+0.1738i	0.0305+0.0954i	0.2579+0.2884i
15.7	-0.1105+0.0301i	-0.0498+0.0513i	0.3465+0.0836i	-0.1259+0.0447i	-0.0633+0.0679i	0.6779+0.1645i	0.0542+0.1148i	0.2100+0.2231i
15.8	-0.1220+0.0358i	-0.0495+0.0778i	0.3189+0.0476i	-0.1375+0.0505i	-0.0656+0.1113i	0.6728+0.1638i	0.0652+0.1151i	0.1812+0.2127i
15.9	-0.1318+0.0455i	-0.0376+0.1002i	0.2760+0.0284i	-0.1507+0.0593i	-0.0476+0.1435i	0.6777+0.1722i	0.0719+0.1187i	0.1530+0.2076i
16.0	-0.1385+0.0564i	-0.0165+0.1094i	0.2339+0.0436i	-0.1612+0.0717i	-0.0143+0.1483i	0.6990+0.1760i	0.0720+0.1135i	0.1390+0.2345i
16.1	-0.1462+0.0745i	0.0166+0.1160i	0.1995+0.0675i	-0.1728+0.0954i	0.0364+0.1497i	0.7452+0.1539i	0.0731+0.1455i	0.2105+0.3478i
16.2	-0.1538+0.0878i	0.0442+0.1101i	0.1719+0.0790i	-0.1802+0.1092i	0.0663+0.1686i	0.7746+0.1130i	0.1157+0.1606i	0.4052+0.3168i
16.3	-0.1675+0.1054i	0.0625+0.0980i	0.1442+0.1072i	-0.1961+0.1316i	0.1010+0.1479i	0.7903+0.0675i	0.1484+0.1235i	0.4877+0.1536i
16.4	-0.1764+0.1298i	0.0719+0.0860i	0.1351+0.1468i	-0.2062+0.1622i	0.1150+0.1210i	0.7965+0.0335i	0.1043+0.0812i	0.5000+0.0252i
16.5	-0.1805+0.1610i	0.0831+0.0691i	0.1424+0.1926i	-0.2096+0.1997i	0.1337+0.0926i	0.8125-0.0101i	0.0177+0.1339i	0.4797-0.1238i
16.6	-0.1774+0.2187i	0.0962+0.0480i	0.1857+0.2456i	-0.2049+0.2652i	0.1643+0.0635i	0.8564-0.0954i	0.0462+0.3401i	0.2638-0.3913i
16.7	-0.1524+0.2564i	0.1014+0.0274i	0.2368+0.2423i	-0.1756+0.3068i	0.1670+0.0256i	0.8525-0.2059i	0.2400+0.4102i	0.0134-0.3061i
16.8	-0.1238+0.2942i	0.0996+0.0027i	0.2683+0.2138i	-0.1383+0.3471i	0.1590-0.0209i	0.7896-0.3165i	0.4507+0.2628i	0.0091-0.1145i
16.9	-0.0595+0.3500i	0.0797-0.0247i	0.2845+0.1705i	-0.0603+0.4025i	0.1299-0.0592i	0.6715-0.4383i	0.4302-0.0364i	0.0425-0.0856i
17.0	0.0163+0.3809i	0.0607-0.0390i	0.2832+0.1436i	0.0243+0.4358i	0.0938-0.0732i	0.5339-0.5224i	0.2807-0.1156i	-0.0084-0.0756i
17.1	0.1151+0.3286i	0.0416-0.0376i	0.2870+0.1065i	0.1337+0.3717i	0.0654-0.0635i	0.3377-0.4595i	0.2676-0.0495i	0.0175+0.0080i
17.2	0.1560+0.2623i	0.0275-0.0401i	0.2359+0.0421i	0.1750+0.2909i	0.0484-0.0659i	0.2331-0.3675i	0.2005-0.1652i	0.0754-0.0977i
17.3	0.1744+0.2148i	0.0135-0.0300i	0.1765+0.0446i	0.1885+0.2363i	0.0223-0.0505i	0.1703-0.2946i	0.0846-0.1071i	-0.0123-0.0887i
17.4	0.1791+0.1732i	0.0083-0.0197i	0.1450+0.0589i	0.1908+0.1879i	0.0037-0.0389i	0.1375-0.2194i	0.0599-0.0400i	-0.0329-0.0256i
17.5	0.1678+0.1291i	0.0104-0.0122i	0.1145+0.0724i	0.1716+0.1383i	0.0154-0.0093i	0.1277-0.1386i	0.0544+0.0064i	0.0444+0.0091i
17.6	0.1558+0.1056i	0.0120-0.0114i	0.0906+0.0835i	0.1516+0.1142i	0.0155-0.0029i	0.1384-0.0919i	0.0576+0.0239i	0.0624-0.0404i
17.7	0.1444+0.0887i	0.0121-0.0094i	0.0665+0.0950i	0.1313+0.1014i	0.0179-0.0151i	0.1448-0.0637i	0.0536+0.0388i	0.0229-0.0681i
17.8	0.1323+0.0730i	0.0107-0.0096i	0.0394+0.1089i	0.1161+0.0897i	0.0233-0.0225i	0.1349-0.0460i	0.0455+0.0603i	-0.0272-0.0646i
17.9	0.1197+0.0641i	0.0102-0.0122i	0.0116+0.1223i	0.1008+0.0827i	0.0324-0.0223i	0.1261-0.0282i	0.0421+0.0831i	-0.0427-0.0320i
18.0	0.1098+0.0540i	0.0096-0.0143i	-0.0115+0.1458i	0.0877+0.0741i	0.0380-0.0313i	0.1252+0.0001i	0.0509+0.1181i	-0.0374-0.0012i
18.1	0.1028+0.0480i	0.0082-0.0128i	-0.0231+0.1701i	0.0800+0.0704i	0.0417-0.0260i	0.1287+0.0154i	0.0807+0.1474i	-0.0297+0.0084i
18.2	0.0950+0.0435i	0.0054-0.0087i	-0.0316+0.1977i	0.0750+0.0683i	0.0233-0.0189i	0.1342+0.0348i	0.1136+0.1685i	-0.0216+0.0179i

18.3	0.0878+0.0379i	0.0024-0.0051i	-0.0361+0.2196i	0.0682+0.0647i	0.0012-0.0072i	0.1281+0.0473i	0.1375+0.1702i	-0.0044+0.0241i
18.4	0.0802+0.0338i	0.0022-0.0047i	-0.0383+0.2203i	0.0625+0.0611i	-0.0036-0.0060i	0.1024+0.0442i	0.1655+0.1518i	-0.0003+0.0107i
18.5	0.0762+0.0304i	0.0077-0.0041i	-0.0819+0.2111i	0.0558+0.0541i	0.0113-0.0019i	0.0190+0.0672i	0.1785+0.1181i	-0.0081+0.0114i
18.6	0.0662+0.0246i	0.0160-0.0112i	-0.1775+0.2644i	0.0334+0.0462i	0.0261-0.0045i	-0.0356+0.2037i	0.1266+0.1095i	0.0129+0.0118i
18.7	0.0577+0.0256i	0.0089-0.0158i	-0.1727+0.3489i	0.0209+0.0553i	0.0308-0.0058i	0.0495+0.2638i	0.1319+0.1567i	0.0173-0.0022i
18.8	0.0510+0.0303i	-0.0051-0.0168i	-0.1344+0.4265i	0.0129+0.0697i	0.0350-0.0103i	0.1301+0.2656i	0.1747+0.1914i	-0.0018-0.0258i
18.9	0.0484+0.0299i	-0.0080-0.0150i	-0.1084+0.4606i	0.0146+0.0754i	0.0301+0.0034i	0.1506+0.2723i	0.2056+0.1929i	-0.0149-0.0160i
19.0	0.0450+0.0300i	-0.0142-0.0121i	-0.0924+0.4983i	0.0135+0.0817i	0.0292-0.0087i	0.1479+0.2951i	0.2401+0.1830i	-0.0374+0.0162i
19.1	0.0451+0.0321i	-0.0176-0.0080i	-0.0619+0.5117i	0.0109+0.0869i	0.0323-0.0223i	0.1505+0.3063i	0.2612+0.1664i	-0.0421+0.0386i
19.2	0.0440+0.0321i	-0.0163-0.0054i	-0.0305+0.5169i	0.0130+0.0896i	0.0389-0.0206i	0.1685+0.2982i	0.2663+0.1598i	-0.0227+0.0366i
19.3	0.0396+0.0313i	-0.0180-0.0025i	-0.0321+0.5243i	0.0086+0.0914i	0.0279-0.0176i	0.1762+0.2975i	0.2759+0.1576i	-0.0064+0.0281i
19.4	0.0365+0.0327i	-0.0197+0.0027i	-0.0467+0.5527i	0.0023+0.0988i	0.0325-0.0185i	0.1757+0.3161i	0.3028+0.1642i	-0.0133+0.0188i
19.5	0.0328+0.0344i	-0.0189+0.0063i	-0.0315+0.5824i	0.0018+0.1076i	0.0398-0.0270i	0.1879+0.3229i	0.3153+0.1583i	-0.0104+0.0102i
19.6	0.0318+0.0381i	-0.0169+0.0105i	-0.0091+0.6112i	0.0059+0.1164i	0.0344-0.0216i	0.1937+0.3218i	0.3409+0.1617i	-0.0284+0.0107i
19.7	0.0303+0.0381i	-0.0175+0.0157i	0.0042+0.6361i	0.0103+0.1244i	0.0122-0.0235i	0.1837+0.3177i	0.3780+0.1388i	-0.0455+0.0147i
19.8	0.0330+0.0417i	-0.0147+0.0211i	0.0213+0.6642i	0.0152+0.1347i	0.0143-0.0251i	0.1761+0.3191i	0.4142+0.1151i	-0.0577+0.0333i
19.9	0.0346+0.0433i	-0.0096+0.0248i	0.0617+0.6938i	0.0299+0.1390i	0.0115-0.0217i	0.1607+0.3396i	0.4420+0.0807i	-0.0674+0.0528i
20.0	0.0367+0.0425i	-0.0064+0.0275i	0.0974+0.7115i	0.0416+0.1378i	0.0019-0.0512i	0.1453+0.3656i	0.4462+0.0346i	-0.0508+0.0694i
20.1	0.0350+0.0436i	-0.0002+0.0287i	0.1283+0.7242i	0.0476+0.1384i	-0.0007-0.0744i	0.1424+0.3950i	0.4476+0.0024i	-0.0391+0.0813i
20.2	0.0360+0.0450i	0.0060+0.0285i	0.1636+0.7310i	0.0538+0.1367i	-0.0140-0.0319i	0.1509+0.4177i	0.4360-0.0254i	-0.0290+0.0881i
20.3	0.0383+0.0456i	0.0108+0.0272i	0.2043+0.7155i	0.0628+0.1307i	-0.0050-0.0138i	0.1625+0.4369i	0.4143-0.0536i	-0.0122+0.0973i
20.4	0.0407+0.0451i	0.0141+0.0262i	0.2170+0.6986i	0.0719+0.1284i	-0.0011-0.0161i	0.1604+0.4473i	0.4068-0.0640i	-0.0074+0.0995i
20.5	0.0440+0.0441i	0.0156+0.0245i	0.2312+0.6869i	0.0782+0.1230i	-0.0079-0.0113i	0.1440+0.4628i	0.4077-0.0850i	-0.0024+0.1066i
20.6	0.0474+0.0414i	0.0204+0.0203i	0.2383+0.6681i	0.0831+0.1127i	-0.0039-0.0214i	0.1242+0.4807i	0.4090-0.1049i	0.0033+0.1106i
20.7	0.0489+0.0364i	0.0242+0.0161i	0.2258+0.6640i	0.0857+0.1065i	0.0014-0.0106i	0.1023+0.5233i	0.3952-0.1267i	0.0133+0.1128i
20.8	0.0503+0.0312i	0.0247+0.0098i	0.2141+0.6580i	0.0851+0.0964i	0.0163-0.0190i	0.0959+0.5724i	0.3901-0.1452i	0.0282+0.1123i
20.9	0.0521+0.0282i	0.0193+0.0064i	0.2073+0.6746i	0.0828+0.0898i	0.0048-0.0060i	0.0991+0.6059i	0.3675-0.1560i	0.0441+0.1099i
21.0	0.0516+0.0256i	0.0158+0.0020i	0.1923+0.7081i	0.0829+0.0846i	0.0057-0.0063i	0.0778+0.6593i	0.3557-0.1742i	0.0592+0.1076i
21.1	0.0505+0.0200i	0.0192-0.0017i	0.1823+0.7375i	0.0848+0.0790i	0.0154-0.0049i	0.0514+0.7312i	0.3437-0.1844i	0.0634+0.0995i
21.2	0.0486+0.0143i	0.0202-0.0023i	0.1834+0.7673i	0.0836+0.0738i	0.0251-0.0207i	0.0488+0.8141i	0.3449-0.1887i	0.0602+0.0905i
21.3	0.0462+0.0106i	0.0081-0.0084i	0.1920+0.8270i	0.0778+0.0691i	0.0315-0.0227i	0.0734+0.9359i	0.3252-0.2048i	0.0685+0.0864i
21.4	0.0392+0.0068i	0.0033-0.0161i	0.2441+0.9094i	0.0703+0.0643i	0.0308-0.0133i	0.1821+1.0847i	0.2933-0.2357i	0.0785+0.0815i
21.5	0.0322+0.0036i	-0.0052-0.0105i	0.3010+0.9496i	0.0625+0.0621i	0.0215-0.0119i	0.2839+1.1656i	0.2748-0.2505i	0.0882+0.0747i
21.6	0.0295+0.0007i	-0.0119-0.0094i	0.3512+0.9696i	0.0593+0.0571i	0.0284-0.0252i	0.3696+1.2299i	0.2550-0.2609i	0.0895+0.0690i
21.7	0.0237+0.0017i	-0.0142-0.0096i	0.4137+1.0000i	0.0541+0.0574i	0.0242-0.0344i	0.4895+1.2922i	0.2209-0.2577i	0.0897+0.0614i
21.8	0.0157+0.0045i	-0.0144-0.0101i	0.4871+1.0285i	0.0477+0.0619i	0.0166-0.0344i	0.6238+1.3356i	0.1883-0.2510i	0.0874+0.0483i
21.9	0.0111+0.0063i	-0.0262+0.0093i	0.5738+1.0274i	0.0404+0.0672i	0.0173-0.0354i	0.7792+1.3301i	0.1611-0.2396i	0.0846+0.0440i
22.0	0.0048+0.0095i	-0.0223+0.0141i	0.6670+1.0120i	0.0368+0.0715i	-0.0016-0.0468i	0.9302+1.3105i	0.1420-0.2207i	0.0728+0.0441i
22.1	0.0008+0.0138i	-0.0229+0.0241i	0.7491+0.9702i	0.0340+0.0774i	-0.0058-0.0297i	1.0629+1.2622i	0.1269-0.1948i	0.0754+0.0576i
22.2	-0.0065+0.0224i	-0.0033+0.0234i	0.8065+0.9184i	0.0385+0.0823i	-0.0137-0.0273i	1.1733+1.1893i	0.1245-0.1926i	0.0704+0.0728i
22.3	-0.0099+0.0269i	0.0025+0.0137i	0.8598+0.8765i	0.0411+0.0868i	-0.0177-0.0269i	1.2670+1.1315i	0.1130-0.1963i	0.0692+0.0777i
22.4	-0.0072+0.0338i	-0.0093+0.0148i	0.9186+0.8025i	0.0470+0.0931i	-0.0288-0.0432i	1.3605+1.0153i	0.0870-0.1931i	0.0821+0.0788i
22.5	-0.0050+0.0370i	-0.0093+0.0083i	0.9529+0.7396i	0.0532+0.0911i	-0.0631-0.0526i	1.4148+0.9227i	0.0809-0.1784i	0.0924+0.0737i
22.6	-0.0035+0.0381i	0.0038+0.0149i	0.9583+0.6682i	0.0599+0.0891i	-0.0697-0.0234i	1.4294+0.8176i	0.0769-0.1493i	0.1051+0.0629i
22.7	-0.0014+0.0435i	0.0084+0.0182i	0.9552+0.5718i	0.0589+0.0820i	-0.0703+0.0277i	1.4496+0.6927i	0.0825-0.1160i	0.1152+0.0588i
22.8	0.0027+0.0465i	-0.0034+0.0191i	0.9494+0.5110i	0.0587+0.0781i	-0.0489+0.0350i	1.4543+0.6176i	0.0956-0.0903i	0.1226+0.0528i
22.9	0.0067+0.0487i	-0.0039+0.0200i	0.9219+0.4605i	0.0531+0.0773i	-0.0106+0.0432i	1.4336+0.5529i	0.1143-0.0895i	0.1249+0.0424i
23.0	0.0090+0.0514i	0.0043+0.0225i	0.8859+0.4376i	0.0527+0.0804i	0.0322+0.0498i	1.3935+0.5405i	0.1208-0.1063i	0.1180+0.0458i
23.1	0.0152+0.0511i	0.0058+0.0291i	0.8860+0.3988i	0.0557+0.0770i	0.0227+0.0332i	1.4467+0.4889i	0.0828-0.0742i	0.1384+0.0409i
23.2	0.0146+0.0508i	0.0231+0.0343i	0.8624+0.3580i	0.0529+0.0737i	0.0288+0.0399i	1.4413+0.4128i	0.0860-0.0552i	0.1438+0.0270i
23.3	0.0151+0.0483i	0.0295+0.0346i	0.8322+0.3250i	0.0512+0.0745i	0.0640+0.0409i	1.4220+0.3593i	0.0929-0.0356i	0.1493+0.0178i
23.4	0.0182+0.0476i	0.0384+0.0267i	0.8090+0.3024i	0.0499+0.0761i	0.0883+0.0063i	1.4122+0.3229i	0.0873-0.0112i	0.1561+0.0059i
23.5	0.0183+0.0482i	0.0430+0.0112i	0.7862+0.2833i	0.0479+0.0755i	0.0804-0.0145i	1.4080+0.2939i	0.1059-0.0054i	0.1613+0.0020i
23.6	0.0197+0.0472i	0.0433+0.0062i	0.7540+0.2610i	0.0450+0.0796i	0.0878-0.0481i	1.3993+0.2508i	0.1171+0.0238i	0.1649-0.0148i
23.7	0.0217+0.0453i	0.0349+0.0012i	0.7236+0.2488i	0.0431+0.0821i	0.0698-0.0868i	1.3848+0.2127i	0.1411+0.0546i	0.1635-0.0336i
23.8	0.0206+0.0466i	0.0271-0.0003i	0.6974+0.2313i	0.0404+0.0863i	0.0457-0.1045i	1.3794+0.1653i	0.1606+0.0704i	0.1633-0.0509i
23.9	0.0200+0.0488i	0.0227-0.0125i	0.6660+0.2277i	0.0398+0.0918i	0.0294-0.1217i	1.3562+0.1120i	0.1903+0.0939i	0.1559-0.0745i
24.0	0.0236+0.0486i	0.0178-0.0117i	0.6368+0.2363i	0.0451+0.0953i	0.0043-0.1171i	1.3229+0.0772i	0.2343+0.1004i	0.1350-0.0867i
24.1	0.0258+0.0482i	0.0075-0.0044i	0.6129+0.2421i	0.0488+0.0979i	0.0019-0.1021i	1.2908+0.0604i	0.2628+0.0821i	0.1238-0.0923i
24.2	0.0259+0.0468i	0.0065+0.0049i	0.5968+0.2511i	0.0516+0.0996i	-0.0203-0.0852i	1.2575+0.0496i	0.2822+0.0849i	0.1114-0.1014i
24.3	0.0259+0.0439i	0.0073+0.0093i	0.5842+0.2719i	0.0555+0.0991i	-0.0375-0.0624i	1.2340+0.0487i	0.3008+0.0833i	0.0953-0.0980i
24.4	0.0291+0.0362i	0.0077+0.0127i	0.5673+0.2860i	0.0602+0.0943i	-0.0553-0.0588i	1.1961+0.0781i	0.3282+0.0834i	0.0796-0.0817i
24.5	0.0300+0.0359i	0.0080+0.0175i	0.5594+0.2920i	0.0630+0.0923i	-0.0362-0.0500i	1.1613+0.0712i	0.3788+0.0863i	0.0719-0.0763i

24.6	0.0284+0.0345i	0.0110+0.0189i	0.5552+0.3044i	0.0586+0.0884i	-0.0153-0.0537i	1.1536+0.0919i	0.4562+0.0665i	0.0676-0.0698i
24.7	0.0270+0.0333i	0.0117+0.0186i	0.5530+0.3117i	0.0549+0.0857i	-0.0168-0.0453i	1.1636+0.1089i	0.5304+0.0155i	0.0639-0.0658i
24.8	0.0238+0.0332i	0.0123+0.0182i	0.5483+0.3214i	0.0521+0.0869i	-0.0126-0.0366i	1.1672+0.1221i	0.5964-0.0772i	0.0583-0.0571i
24.9	0.0213+0.0339i	0.0143+0.0139i	0.5373+0.3148i	0.0505+0.0909i	-0.0299-0.0340i	1.1663+0.0963i	0.5820-0.1942i	0.0596-0.0538i
25.0	0.0210+0.0334i	0.0207+0.0150i	0.5213+0.3159i	0.0490+0.0955i	-0.0311-0.0496i	1.1576+0.0771i	0.4990-0.2556i	0.0712-0.0562i
25.1	0.0196+0.0368i	0.0185+0.0143i	0.5123+0.3395i	0.0497+0.0993i	-0.0419-0.0414i	1.1559+0.0971i	0.4513-0.2791i	0.0763-0.0628i
25.2	0.0168+0.0374i	0.0172+0.0165i	0.5078+0.3652i	0.0492+0.1027i	-0.0357-0.0324i	1.1559+0.1107i	0.4234-0.3181i	0.0773-0.0654i
25.3	0.0164+0.0377i	0.0289+0.0185i	0.4935+0.3804i	0.0494+0.1079i	-0.0165-0.0345i	1.1098+0.1183i	0.3735-0.3649i	0.0761-0.0704i
25.4	0.0171+0.0420i	0.0270+0.0153i	0.5165+0.4203i	0.0545+0.1132i	-0.0371-0.0463i	1.1212+0.1665i	0.2754-0.3377i	0.0687-0.0766i
25.5	0.0167+0.0411i	0.0285+0.0194i	0.5447+0.4359i	0.0581+0.1148i	-0.0256-0.0415i	1.1674+0.1928i	0.2420-0.2862i	0.0655-0.0798i
25.6	0.0154+0.0414i	0.0285+0.0178i	0.5828+0.4438i	0.0603+0.1195i	-0.0219-0.0440i	1.2558+0.2165i	0.2284-0.2412i	0.0581-0.0819i
25.7	0.0165+0.0428i	0.0278+0.0116i	0.6040+0.4406i	0.0615+0.1237i	-0.0222-0.0368i	1.2947+0.2410i	0.2230-0.2219i	0.0510-0.0775i
25.8	0.0180+0.0445i	0.0272+0.0085i	0.5965+0.4195i	0.0652+0.1259i	-0.0019-0.0416i	1.2923+0.2039i	0.2231-0.1721i	0.0477-0.0674i
25.9	0.0182+0.0464i	0.0302+0.0124i	0.5976+0.4314i	0.0713+0.1308i	-0.0260-0.0384i	1.3322+0.2068i	0.2632-0.1372i	0.0533-0.0646i
26.0	0.0192+0.0475i	0.0328+0.0088i	0.6190+0.4352i	0.0773+0.1286i	-0.0478-0.0375i	1.3853+0.2005i	0.3024-0.1513i	0.0591-0.0713i
26.1	0.0208+0.0505i	0.0315+0.0027i	0.6489+0.4058i	0.0841+0.1292i	-0.0552-0.0326i	1.4508+0.1566i	0.3324-0.1944i	0.0540-0.0801i
26.2	0.0200+0.0532i	0.0292+0.0003i	0.6597+0.3845i	0.0915+0.1337i	-0.0468-0.0258i	1.5033+0.1047i	0.3381-0.2244i	0.0461-0.0842i
26.3	0.0233+0.0579i	0.0261-0.0014i	0.6520+0.3744i	0.0994+0.1317i	-0.0631-0.0409i	1.5202+0.0483i	0.3340-0.2527i	0.0420-0.0837i
26.4	0.0304+0.0574i	0.0232-0.0057i	0.6470+0.3663i	0.1089+0.1257i	-0.0872-0.0305i	1.5186+0.0000i	0.3234-0.2776i	0.0361-0.0788i
26.5	0.0332+0.0558i	0.0228-0.0112i	0.6394+0.3554i	0.1179+0.1199i	-0.0870-0.0071i	1.5141-0.0322i	0.2982-0.2808i	0.0315-0.0741i
26.6	0.0374+0.0522i	0.0107-0.0151i	0.6130+0.3554i	0.1183+0.1055i	-0.0744+0.0276i	1.4909-0.0549i	0.2757-0.2909i	0.0280-0.0646i
26.7	0.0387+0.0471i	-0.0064-0.0114i	0.6063+0.3765i	0.1108+0.0954i	-0.0618+0.0367i	1.4938-0.0472i	0.2568-0.2826i	0.0309-0.0610i
26.8	0.0349+0.0458i	-0.0201+0.0015i	0.6200+0.3996i	0.1014+0.0942i	-0.0454+0.0325i	1.5507-0.0484i	0.2516-0.2515i	0.0410-0.0631i
26.9	0.0319+0.0497i	-0.0257+0.0181i	0.6452+0.4057i	0.0938+0.1043i	-0.0199+0.0043i	1.6011-0.0988i	0.2611-0.2498i	0.0430-0.0705i
27.0	0.0316+0.0509i	-0.0243+0.0370i	0.6616+0.4021i	0.0940+0.1143i	-0.0030+0.0077i	1.6386-0.1568i	0.2474-0.2517i	0.0453-0.0711i
27.1	0.0343+0.0502i	-0.0162+0.0520i	0.6768+0.3874i	0.1024+0.1188i	-0.0265+0.0244i	1.6553-0.2233i	0.2397-0.2528i	0.0442-0.0750i
27.2	0.0363+0.0494i	-0.0093+0.0669i	0.6839+0.3777i	0.1079+0.1216i	-0.0331+0.0292i	1.6614-0.2848i	0.2449-0.2398i	0.0441-0.0813i
27.3	0.0352+0.0495i	0.0069+0.0857i	0.6865+0.3635i	0.1143+0.1231i	-0.0281+0.0334i	1.6397-0.3710i	0.2587-0.2312i	0.0416-0.0863i
27.4	0.0389+0.0470i	0.0268+0.0922i	0.6795+0.3493i	0.1190+0.1212i	-0.0173+0.0177i	1.5958-0.4070i	0.2632-0.2334i	0.0378-0.0872i
27.5	0.0378+0.0467i	0.0513+0.0891i	0.6701+0.3481i	0.1217+0.1185i	0.0057+0.0208i	1.5746-0.4121i	0.2533-0.2158i	0.0381-0.0868i
27.6	0.0353+0.0459i	0.0689+0.0911i	0.6687+0.3541i	0.1251+0.1202i	0.0191+0.0211i	1.5715-0.4463i	0.2557-0.2146i	0.0362-0.0915i
27.7	0.0343+0.0453i	0.1009+0.0801i	0.6792+0.3630i	0.1362+0.1205i	0.0436-0.0047i	1.5464-0.5076i	0.2501-0.2153i	0.0255-0.0959i
27.8	0.0364+0.0493i	0.1191+0.0573i	0.6834+0.3620i	0.1408+0.1156i	0.0405-0.0277i	1.5124-0.5217i	0.2469-0.1966i	0.0225-0.0950i
27.9	0.0348+0.0488i	0.1247+0.0310i	0.6858+0.3568i	0.1407+0.1106i	0.0504-0.0605i	1.4828-0.5428i	0.2604-0.1842i	0.0184-0.0934i
28.0	0.0330+0.0511i	0.1237+0.0101i	0.6825+0.3563i	0.1391+0.1088i	0.0524-0.0621i	1.4714-0.5610i	0.2711-0.1638i	0.0186-0.0932i
28.1	0.0288+0.0594i	0.1251-0.0074i	0.6721+0.3683i	0.1374+0.1165i	0.0417-0.0678i	1.4321-0.5697i	0.2861-0.1606i	0.0231-0.0964i
28.2	0.0345+0.0681i	0.1116-0.0287i	0.7038+0.4049i	0.1513+0.1255i	0.0023-0.0831i	1.3916-0.5363i	0.2594-0.1855i	0.0111-0.0957i
28.3	0.0452+0.0682i	0.0914-0.0393i	0.7543+0.3983i	0.1696+0.1179i	-0.0251-0.0826i	1.3986-0.4978i	0.2598-0.1235i	0.0056-0.0905i
28.4	0.0513+0.0669i	0.0759-0.0392i	0.7798+0.3483i	0.1717+0.1029i	-0.0462-0.0819i	1.4367-0.5192i	0.3141-0.0714i	0.0073-0.0913i
28.5	0.0517+0.0631i	0.0695-0.0370i	0.7721+0.3188i	0.1708+0.0971i	-0.0416-0.0543i	1.4502-0.5386i	0.3677-0.0719i	0.0083-0.0876i
28.6	0.0531+0.0625i	0.0662-0.0346i	0.7731+0.3052i	0.1719+0.0968i	-0.0392-0.0413i	1.4760-0.5476i	0.3580-0.1090i	0.0091-0.0826i
28.7	0.0573+0.0663i	0.0642-0.0362i	0.7739+0.2875i	0.1756+0.0931i	-0.0449-0.0330i	1.5076-0.5861i	0.3782-0.1357i	0.0100-0.0844i
28.8	0.0596+0.0656i	0.0678-0.0362i	0.7721+0.2750i	0.1773+0.0925i	-0.0427-0.0288i	1.5297-0.6288i	0.3985-0.1125i	0.0136-0.0898i
28.9	0.0643+0.0658i	0.0647-0.0377i	0.7650+0.2538i	0.1774+0.0853i	-0.0375-0.0257i	1.5232-0.6828i	0.4460-0.0668i	0.0095-0.0938i
29.0	0.0686+0.0639i	0.0604-0.0372i	0.7599+0.2346i	0.1815+0.0809i	-0.0531-0.0432i	1.5288-0.7449i	0.4663-0.0516i	0.0065-0.0962i
29.1	0.0712+0.0629i	0.0624-0.0390i	0.7566+0.2215i	0.1856+0.0805i	-0.0406-0.0253i	1.5455-0.8078i	0.4912-0.0232i	0.0076-0.1000i
29.2	0.0750+0.0611i	0.0604-0.0411i	0.7428+0.2114i	0.1878+0.0744i	-0.0349-0.0313i	1.5181-0.8520i	0.5593-0.0359i	0.0026-0.1013i
29.3	0.0826+0.0588i	0.0592-0.0458i	0.7295+0.1988i	0.1901+0.0674i	-0.0152-0.0364i	1.5086-0.9217i	0.6542-0.0127i	-0.0013-0.1053i
29.4	0.0883+0.0568i	0.0584-0.0489i	0.7190+0.1949i	0.1931+0.0667i	-0.0311-0.0464i	1.4792-0.9760i	0.7091-0.0041i	-0.0096-0.1102i
29.5	0.0889+0.0540i	0.0594-0.0537i	0.6992+0.1884i	0.1944+0.0627i	-0.0516-0.0559i	1.4108-1.0340i	0.8146-0.0291i	-0.0193-0.1130i
29.6	0.0935+0.0493i	0.0556-0.0555i	0.6794+0.2029i	0.1951+0.0581i	-0.0161-0.0399i	1.3562-1.0507i	0.8832-0.0296i	-0.0241-0.1152i
29.7	0.0925+0.0457i	0.0516-0.0586i	0.6755+0.2084i	0.1974+0.0550i	-0.0099-0.0626i	1.3226-1.0928i	0.9600-0.0457i	-0.0263-0.1194i
29.8	0.0938+0.0417i	0.0519-0.0627i	0.6766+0.2105i	0.2036+0.0485i	-0.0279-0.0812i	1.2721-1.1258i	1.1381-0.0920i	-0.0405-0.1180i
29.9	0.1001+0.0333i	0.0446-0.0751i	0.6947+0.2121i	0.2071+0.0364i	-0.0664-0.0870i	1.1907-1.1920i	1.4299-0.3009i	-0.0619-0.1095i
30.0	0.0954+0.0274i	0.0347-0.0777i	0.6869+0.2246i	0.1977+0.0314i	-0.0565-0.0740i	1.1557-1.1551i	1.3221-0.3601i	-0.0600-0.1133i
30.1	0.0904+0.0227i	0.0270-0.0790i	0.7009+0.2376i	0.1975+0.0254i	-0.0686-0.0912i	1.1110-1.1707i	1.3938-0.4919i	-0.0705-0.1099i
30.2	0.0818+0.0202i	0.0128-0.0714i	0.7295+0.2159i	0.1885+0.0198i	-0.0871-0.0903i	1.0543-1.1619i	1.3956-0.7567i	-0.0792-0.0952i
30.3	0.0740+0.0302i	0.0079-0.0608i	0.7412+0.1690i	0.1787+0.0239i	-0.1064-0.0630i	1.0092-1.1524i	1.3464-1.0196i	-0.0821-0.0708i
30.4	0.0725+0.0433i	0.0160-0.0555i	0.7169+0.1268i	0.1751+0.0324i	-0.0892-0.0355i	0.9912-1.1769i	1.3870-1.0775i	-0.0873-0.0664i
30.5	0.0827+0.0589i	0.0279-0.0669i	0.6589+0.1067i	0.1785+0.0368i	-0.0704-0.0285i	0.9423-1.2356i	1.3923-1.1903i	-0.0881-0.0639i
30.6	0.0990+0.0586i	0.0183-0.0877i	0.6172+0.1321i	0.1857+0.0335i	-0.0645-0.0540i	0.8334-1.2492i	1.3048-1.4368i	-0.0865-0.0485i
30.7	0.1128+0.0543i	0.0031-0.0982i	0.5990+0.1615i	0.1890+0.0321i	-0.0581-0.0677i	0.7320-1.2170i	1.2107-1.5359i	-0.0857-0.0412i
30.8	0.1227+0.0501i	-0.0180-0.1037i	0.5997+0.1884i	0.1912+0.0300i	-0.0690-0.0824i	0.6439-1.1697i	1.1472-1.6637i	-0.0891-0.0316i

30.9	0.1302+0.0427i	-0.0389-0.0970i	0.6156+0.2009i	0.1948+0.0291i	-0.0872-0.0725i	0.6022-1.0893i	0.9433-1.7682i	-0.0836-0.0222i
31.0	0.1341+0.0342i	-0.0613-0.0892i	0.6307+0.1932i	0.1932+0.0222i	-0.1114-0.0727i	0.5745-1.0310i	0.7882-1.8205i	-0.0763-0.0147i
31.1	0.1366+0.0239i	-0.0788-0.0760i	0.6344+0.1742i	0.1890+0.0155i	-0.1260-0.0765i	0.5684-0.9808i	0.8408-1.8963i	-0.0781-0.0022i
31.2	0.1392+0.0224i	-0.0892-0.0600i	0.6237+0.1645i	0.1847+0.0186i	-0.1344-0.0738i	0.5555-0.9223i	0.7380-2.0169i	-0.0660+0.0025i
31.3	0.1412+0.0222i	-0.0962-0.0465i	0.6075+0.1666i	0.1843+0.0268i	-0.1551-0.0578i	0.5430-0.8667i	0.5463-2.2308i	-0.0558+0.0097i
31.4	0.1416+0.0169i	-0.1059-0.0292i	0.5979+0.1641i	0.1834+0.0317i	-0.1590-0.0576i	0.5449-0.8179i	0.3533-2.3138i	-0.0473+0.0177i
31.5	0.1431+0.0137i	-0.1194-0.0144i	0.5898+0.1650i	0.1862+0.0314i	-0.1557-0.0598i	0.5790-0.7660i	0.1782-2.2632i	-0.0371+0.0178i
31.6	0.1540+0.0060i	-0.1349+0.0256i	0.5775+0.1664i	0.1896+0.0386i	-0.1532-0.0180i	0.6068-0.7398i	-0.0418-2.2954i	-0.0237+0.0166i
31.7	0.1630-0.0016i	-0.1479+0.0482i	0.5735+0.1680i	0.1907+0.0415i	-0.1611-0.0225i	0.6177-0.7285i	-0.2718-2.2920i	-0.0101+0.0147i
31.8	0.1648-0.0151i	-0.1353+0.0926i	0.5626+0.1633i	0.1997+0.0458i	-0.1755-0.0141i	0.6399-0.7051i	-0.5374-2.3540i	0.0009+0.0171i
31.9	0.1660-0.0240i	-0.1256+0.1297i	0.5487+0.1455i	0.2067+0.0482i	-0.2013+0.0026i	0.6607-0.6886i	-0.7382-2.4036i	0.0098+0.0206i
32.0	0.1711-0.0328i	-0.1146+0.1638i	0.5138+0.1469i	0.2109+0.0528i	-0.2034+0.0180i	0.6917-0.6825i	-0.9513-2.1530i	0.0271+0.0073i
32.1	0.1647-0.0380i	-0.0723+0.1872i	0.4827+0.1617i	0.2223+0.0572i	-0.1821+0.0302i	0.7097-0.6671i	-1.1333-1.9526i	0.0379-0.0074i
32.2	0.1613-0.0412i	-0.0372+0.1954i	0.4540+0.1882i	0.2328+0.0603i	-0.1814+0.0281i	0.7043-0.6728i	-1.2302-1.9345i	0.0390-0.0144i
32.3	0.1617-0.0481i	-0.0081+0.2293i	0.4217+0.2234i	0.2410+0.0697i	-0.1750+0.0810i	0.7176-0.6785i	-1.3486-1.6626i	0.0426-0.0360i
32.4	0.1586-0.0560i	0.0426+0.2781i	0.4117+0.2711i	0.2659+0.0867i	-0.1660+0.0813i	0.7250-0.7042i	-1.4105-1.6387i	0.0404-0.0585i
32.5	0.1494-0.0573i	0.1260+0.2500i	0.4235+0.3266i	0.2997+0.0782i	-0.1550+0.0729i	0.6979-0.7112i	-1.4455-1.5121i	0.0210-0.0690i
32.6	0.1498-0.0542i	0.1719+0.2202i	0.4404+0.3717i	0.3245+0.0664i	-0.1512+0.0914i	0.6890-0.7055i	-1.4983-1.3487i	0.0074-0.0736i
32.7	0.1516-0.0517i	0.2042+0.1644i	0.4578+0.4077i	0.3424+0.0417i	-0.1236+0.1194i	0.6770-0.7015i	-1.5801-1.1302i	0.0008-0.0771i
32.8	0.1516-0.0510i	0.2315+0.0995i	0.4752+0.4232i	0.3607+0.0114i	-0.1200+0.1043i	0.6851-0.6671i	-1.5478-0.9594i	-0.0103-0.0671i
32.9	0.1587-0.0471i	0.2312+0.0295i	0.5019+0.4564i	0.3697-0.0171i	-0.1205+0.1198i	0.6848-0.6430i	-1.4932-0.8254i	-0.0204-0.0598i
33.0	0.1716-0.0474i	0.1984-0.0010i	0.5334+0.5104i	0.3703-0.0301i	-0.1015+0.1319i	0.6873-0.6016i	-1.4292-0.5791i	-0.0211-0.0652i
33.1	0.1813-0.0469i	0.1686-0.0337i	0.5855+0.5503i	0.3700-0.0461i	-0.0732+0.1371i	0.6954-0.5817i	-1.4132-0.4548i	-0.0230-0.0624i
33.2	0.1969-0.0613i	0.1485+0.0135i	0.6646+0.5731i	0.3769-0.0438i	-0.0659+0.1284i	0.7249-0.5765i	-1.2277-0.4254i	-0.0339-0.0733i
33.3	0.2080-0.0835i	0.1627+0.0641i	0.7547+0.5585i	0.3947-0.0450i	-0.0392+0.1196i	0.7448-0.5841i	-1.1829-0.4253i	-0.0456-0.0799i
33.4	0.2125-0.1008i	0.1866+0.0717i	0.8271+0.5165i	0.4127-0.0625i	0.0015+0.1192i	0.7651-0.6033i	-1.1722-0.4202i	-0.0529-0.0762i
33.5	0.2110-0.1159i	0.2217+0.0238i	0.8984+0.4205i	0.4291-0.1068i	0.0341+0.0807i	0.7857-0.5929i	-1.1375-0.3571i	-0.0639-0.0552i
33.6	0.2109-0.1362i	0.2417+0.0090i	0.9281+0.3459i	0.4370-0.1397i	0.0407+0.0336i	0.7957-0.6015i	-1.0549-0.3077i	-0.0724-0.0513i
33.7	0.2020-0.1536i	0.2571-0.0337i	0.9354+0.2703i	0.4312-0.1830i	0.0306-0.0176i	0.8014-0.6071i	-0.9679-0.2318i	-0.0802-0.0359i
33.8	0.1907-0.1568i	0.2186-0.0846i	0.9163+0.1924i	0.3929-0.2117i	0.0048-0.0372i	0.8184-0.5992i	-0.9358-0.1885i	-0.0723-0.0161i
33.9	0.1867-0.1448i	0.1660-0.1005i	0.8763+0.1088i	0.3643-0.2101i	-0.0214-0.0195i	0.8381-0.5956i	-0.8274-0.1805i	-0.0573-0.0095i
34.0	0.2015-0.1455i	0.1292-0.0890i	0.7818+0.0602i	0.3475-0.2087i	-0.0408-0.0231i	0.8633-0.6233i	-0.7488-0.2327i	-0.0414-0.0121i
34.1	0.2089-0.1550i	0.1306-0.0879i	0.7196+0.0673i	0.3537-0.2082i	-0.0454-0.0257i	0.8515-0.6721i	-0.7599-0.2902i	-0.0408-0.0184i
34.2	0.2088-0.1691i	0.1352-0.0642i	0.6757+0.1015i	0.3565-0.2016i	-0.0578-0.0262i	0.7945-0.7212i	-0.7516-0.3508i	-0.0480-0.0309i
34.3	0.2083-0.1799i	0.1364-0.0538i	0.6518+0.1170i	0.3543-0.2088i	-0.0388-0.0213i	0.7373-0.7141i	-0.7555-0.3133i	-0.0576-0.0333i
34.4	0.2167-0.1859i	0.1369-0.0708i	0.6275+0.1247i	0.3698-0.2281i	-0.0602-0.0022i	0.7177-0.6511i	-0.7283-0.3009i	-0.0655-0.0200i
34.5	0.2195-0.1931i	0.1537-0.0827i	0.6283+0.1234i	0.3913-0.2364i	-0.1023-0.0133i	0.6774-0.5830i	-0.6536-0.2969i	-0.0823-0.0010i
34.6	0.2262-0.2095i	0.1536-0.0851i	0.6128+0.1244i	0.3994-0.2528i	-0.0851-0.0182i	0.6679-0.5346i	-0.6363-0.2762i	-0.0832+0.0127i
34.7	0.2266-0.2186i	0.1618-0.0968i	0.5999+0.1238i	0.4047-0.2736i	-0.1028-0.0169i	0.6728-0.4802i	-0.6283-0.2761i	-0.0855+0.0328i
34.8	0.2339-0.2289i	0.1587-0.1257i	0.5826+0.1190i	0.4097-0.3007i	-0.1105-0.0093i	0.7218-0.4083i	-0.5896-0.3212i	-0.0821+0.0609i
34.9	0.2468-0.2434i	0.1447-0.1466i	0.5526+0.1246i	0.4162-0.3322i	-0.1113-0.0116i	0.7999-0.3605i	-0.5739-0.3873i	-0.0625+0.0818i
35.0	0.2587-0.2572i	0.1246-0.1589i	0.5300+0.1352i	0.4172-0.3562i	-0.1080-0.0054i	0.8736-0.3307i	-0.5379-0.4291i	-0.0419+0.0949i
35.1	0.2633-0.2810i	0.1162-0.1719i	0.5087+0.1425i	0.4154-0.3863i	-0.1021+0.0193i	0.9430-0.3233i	-0.5571-0.4677i	-0.0215+0.1078i
35.2	0.2763-0.2959i	0.1066-0.1909i	0.4901+0.1621i	0.4252-0.4080i	-0.1147+0.0141i	0.9989-0.2899i	-0.6196-0.4863i	0.0004+0.1227i
35.3	0.2862-0.3208i	0.0818-0.1971i	0.4760+0.1706i	0.4160-0.4395i	-0.1159+0.0083i	1.0727-0.2857i	-0.6284-0.5334i	0.0278+0.1308i
35.4	0.2971-0.3550i	0.0607-0.1909i	0.4584+0.1895i	0.4188-0.4684i	-0.1240+0.0163i	1.1622-0.3198i	-0.6637-0.5872i	0.0590+0.1249i
35.5	0.2984-0.3921i	0.0353-0.1792i	0.4496+0.2132i	0.3994-0.5084i	-0.1070+0.0111i	1.2236-0.3851i	-0.6902-0.6073i	0.0930+0.1084i
35.6	0.2927-0.4323i	0.0179-0.1608i	0.4450+0.2301i	0.3773-0.5438i	-0.1253-0.0009i	1.2673-0.4382i	-0.7405-0.5785i	0.1150+0.0878i
35.7	0.2818-0.4726i	0.0144-0.1545i	0.4346+0.2456i	0.3619-0.5782i	-0.1483-0.0008i	1.2997-0.4926i	-0.8140-0.5867i	0.1285+0.0744i
35.8	0.2621-0.5189i	0.0197-0.1445i	0.4201+0.2551i	0.3379-0.6182i	-0.1467+0.0017i	1.3206-0.5557i	-0.8581-0.5721i	0.1367+0.0542i
35.9	0.2446-0.5455i	0.0154-0.1431i	0.4050+0.2880i	0.3168-0.6430i	-0.1413+0.0065i	1.3422-0.6068i	-0.8919-0.5433i	0.1482+0.0374i
36.0	0.2243-0.5913i	-0.0000-0.1368i	0.4028+0.2981i	0.2781-0.6869i	-0.1513+0.0127i	1.3578-0.6707i	-0.9367-0.5363i	0.1616+0.0301i
36.1	0.1987-0.6281i	-0.0075-0.1282i	0.3884+0.3069i	0.2393-0.7178i	-0.1735+0.0061i	1.3534-0.7257i	-0.9842-0.5498i	0.1734+0.0186i
36.2	0.1673-0.6501i	-0.0048-0.1220i	0.3755+0.3356i	0.2047-0.7259i	-0.2018+0.0233i	1.3309-0.7479i	-1.0359-0.5101i	0.1813+0.0016i
36.3	0.1363-0.6723i	-0.0067-0.1150i	0.3690+0.3610i	0.1723-0.7397i	-0.1795+0.0452i	1.3374-0.7811i	-1.1138-0.4553i	0.1904-0.0123i
36.4	0.1122-0.6963i	-0.0044-0.1157i	0.3612+0.3883i	0.1415-0.7599i	-0.1826+0.0152i	1.3455-0.7954i	-1.1089-0.4034i	0.2026-0.0279i
36.5	0.0587-0.7181i	-0.0117-0.1114i	0.3510+0.4525i	0.0855-0.7635i	-0.2004+0.0306i	1.3454-0.8602i	-1.1466-0.3430i	0.2101-0.0731i
36.6	0.0307-0.7245i	-0.0217-0.1063i	0.3584+0.4869i	0.0553-0.7653i	-0.2051+0.0428i	1.3382-0.9212i	-1.1558-0.3201i	0.2121-0.0897i
36.7	-0.0094-0.7234i	-0.0293-0.0985i	0.3677+0.5156i	0.0034-0.7541i	-0.2078+0.0583i	1.2939-0.9673i	-1.1947-0.2855i	0.2258-0.1111i
36.8	-0.0266-0.7275i	-0.0337-0.0859i	0.3909+0.5442i	-0.0120-0.7440i	-0.1970+0.0671i	1.2567-0.9813i	-1.2207-0.2536i	0.2203-0.1455i
36.9	-0.0398-0.7420i	-0.0390-0.0697i	0.4308+0.5759i	-0.0230-0.7423i	-0.1954+0.1048i	1.1960-1.0031i	-1.2096-0.1711i	0.2056-0.1812i
37.0	-0.0612-0.7417i	-0.0431-0.0582i	0.4535+0.5747i	-0.0495-0.7270i	-0.1643+0.1156i	1.1498-0.9725i	-1.1943-0.1285i	0.2001-0.1936i
37.1	-0.0575-0.7579i	-0.0335-0.0420i	0.4517+0.5861i	-0.0389-0.7189i	-0.1886+0.0937i	1.1602-0.8961i	-1.2017-0.0828i	0.1896-0.2275i

37.2	-0.0607-0.7905i	-0.0298-0.0367i	0.4537+0.6106i	-0.0320-0.7397i	-0.2044+0.1111i	1.1820-0.8839i	-1.2339-0.0387i	0.1728-0.2496i
37.3	-0.0600-0.8230i	-0.0334-0.0297i	0.4681+0.6317i	-0.0231-0.7637i	-0.2309+0.1139i	1.1916-0.8777i	-1.2697+0.0120i	0.1501-0.2666i
37.4	-0.0846-0.8580i	-0.0266-0.0203i	0.4882+0.6525i	-0.0374-0.7881i	-0.2485+0.1268i	1.1915-0.8797i	-1.2409+0.1160i	0.1246-0.2761i
37.5	-0.1435-0.9179i	-0.0144-0.0019i	0.5084+0.6796i	-0.0826-0.8325i	-0.2113+0.1667i	1.2022-0.8945i	-1.1702+0.1987i	0.0892-0.2927i
37.6	-0.1986-0.9752i	-0.0084+0.0173i	0.5316+0.7204i	-0.1288-0.8662i	-0.2086+0.2196i	1.2253-0.9064i	-1.1408+0.2759i	0.0647-0.3049i
37.7	-0.2471-1.0078i	-0.0005+0.0280i	0.5733+0.7469i	-0.1632-0.8821i	-0.2059+0.2379i	1.2112-0.9058i	-1.0913+0.3175i	0.0509-0.3056i
37.8	-0.3039-1.0495i	0.0109+0.0438i	0.6451+0.7488i	-0.1976-0.9086i	-0.1808+0.1997i	1.1879-0.8833i	-1.0303+0.3532i	0.0308-0.3065i
37.9	-0.3862-1.0843i	0.0298+0.0631i	0.7080+0.7242i	-0.2504-0.9245i	-0.1724+0.2322i	1.1915-0.8313i	-0.9482+0.3697i	0.0021-0.3106i
38.0	-0.4734-1.1045i	0.0596+0.0758i	0.7369+0.6761i	-0.3029-0.9330i	-0.1384+0.2463i	1.2230-0.7745i	-0.8911+0.3398i	-0.0220-0.3054i
38.1	-0.5789-1.1028i	0.1055+0.0804i	0.7179+0.6043i	-0.3623-0.9409i	-0.1288+0.2126i	1.3050-0.7096i	-0.8686+0.2590i	-0.0461-0.2837i
38.2	-0.6118-1.0860i	0.1314+0.0698i	0.6915+0.5807i	-0.3689-0.9424i	-0.1140+0.1950i	1.3569-0.6682i	-0.8976+0.2466i	-0.0441-0.2611i
38.3	-0.6704-1.0755i	0.1593+0.0542i	0.6392+0.5674i	-0.4068-0.9556i	-0.1078+0.2120i	1.4520-0.6481i	-0.9271+0.2830i	-0.0219-0.2473i
38.4	-0.7506-1.0832i	0.1984+0.0307i	0.5770+0.6221i	-0.4443-0.9776i	-0.0962+0.1991i	1.6133-0.6718i	-0.9666+0.2946i	-0.0199-0.2629i
38.5	-0.8475-1.0903i	0.2288+0.0042i	0.5580+0.6868i	-0.5123-1.0103i	-0.0955+0.1871i	1.7695-0.7297i	-0.9565+0.3604i	-0.0268-0.2901i
38.6	-0.9235-1.0778i	0.2496-0.0250i	0.5635+0.7469i	-0.5618-1.0240i	-0.0761+0.1808i	1.8731-0.8117i	-0.9357+0.4091i	-0.0385-0.3120i
38.7	-1.0034-1.0905i	0.2687-0.0668i	0.5752+0.7985i	-0.6096-1.0829i	-0.0873+0.1932i	1.9993-0.9043i	-0.9067+0.4801i	-0.0262-0.3307i
38.8	-1.1224-1.0550i	0.2708-0.1128i	0.6043+0.8433i	-0.7255-1.1020i	-0.0683+0.1864i	2.0687-1.0618i	-0.8651+0.5482i	-0.0621-0.3548i
38.9	-1.1962-1.0034i	0.2597-0.1509i	0.6579+0.8953i	-0.8082-1.0919i	-0.0575+0.1672i	2.0596-1.2119i	-0.8096+0.5603i	-0.1041-0.3814i
39.0	-1.2933-0.9492i	0.2466-0.1907i	0.7111+0.9468i	-0.9232-1.0769i	-0.0789+0.1336i	2.0703-1.3602i	-0.7524+0.5726i	-0.1493-0.3864i
39.1	-1.3757-0.8589i	0.2054-0.2196i	0.7965+0.9508i	-1.0576-1.0140i	-0.0871+0.1195i	1.9730-1.4736i	-0.6987+0.5622i	-0.2157-0.3677i
39.2	-1.4697-0.7667i	0.1659-0.2374i	0.8603+0.9489i	-1.1959-0.9418i	-0.0890+0.1329i	1.9308-1.5706i	-0.6346+0.4957i	-0.2688-0.3432i
39.3	-1.5478-0.7270i	0.1467-0.2561i	0.9059+0.9613i	-1.2920-0.9126i	-0.1001+0.1457i	1.9521-1.6431i	-0.6194+0.4810i	-0.3225-0.3329i
39.4	-1.6071-0.6347i	0.1124-0.2563i	0.9665+0.9225i	-1.3823-0.8094i	-0.1150+0.1485i	1.9051-1.7068i	-0.6161+0.5008i	-0.3651-0.2796i
39.5	-1.6676-0.5186i	0.0954-0.2384i	0.9942+0.9026i	-1.4618-0.6702i	-0.1314+0.1424i	1.8871-1.7407i	-0.5736+0.5239i	-0.4006-0.1776i
39.6	-1.7339-0.4144i	0.0842-0.2308i	1.0234+0.8882i	-1.5406-0.5608i	-0.1466+0.1651i	1.8897-1.8009i	-0.5181+0.5293i	-0.4127-0.0863i
39.7	-1.7752-0.3362i	0.0730-0.2147i	1.0631+0.8524i	-1.5873-0.4689i	-0.1801+0.1841i	1.8933-1.8066i	-0.4968+0.5321i	-0.3861-0.0055i
39.8	-1.7900-0.2015i	0.0955-0.2036i	1.0362+0.8041i	-1.5716-0.3110i	-0.2060+0.2076i	1.9775-1.8562i	-0.4906+0.5373i	-0.2890+0.0381i
39.9	-1.7816-0.0723i	0.0989-0.2157i	1.0262+0.8323i	-1.5595-0.1853i	-0.2110+0.2317i	1.9725-2.0156i	-0.4568+0.5212i	-0.2520+0.0495i
40.0	-1.7748+0.0599i	0.0878-0.2266i	1.0492+0.8680i	-1.5536-0.0631i	-0.2123+0.2475i	1.9278-2.1909i	-0.4177+0.4885i	-0.2136+0.0665i
40.1	-1.7455+0.1645i	0.0820-0.2240i	1.0692+0.8735i	-1.5255+0.0484i	-0.1863+0.2508i	1.8654-2.2925i	-0.3893+0.4709i	-0.1857+0.1126i
40.2	-1.6704+0.2738i	0.0707-0.2183i	1.1213+0.9022i	-1.4463+0.1645i	-0.1748+0.2947i	1.7056-2.4125i	-0.3655+0.4490i	-0.1004+0.1416i
40.3	-1.6369+0.3213i	0.0613-0.1998i	1.1749+0.9161i	-1.4153+0.2163i	-0.1779+0.3138i	1.6178-2.4668i	-0.3434+0.4358i	-0.0553+0.1782i
40.4	-1.6240+0.3440i	0.0901-0.1800i	1.2292+0.9061i	-1.3847+0.2555i	-0.1494+0.3544i	1.5595-2.4468i	-0.3502+0.4315i	0.0462+0.2248i
40.5	-1.6054+0.4058i	0.1373-0.2118i	1.2542+0.8622i	-1.3160+0.3076i	-0.1606+0.3396i	1.5678-2.4328i	-0.3683+0.3882i	0.2121+0.1498i
40.6	-1.5944+0.4752i	0.1576-0.2402i	1.3010+0.8588i	-1.2695+0.3593i	-0.1707+0.3620i	1.5311-2.5192i	-0.3724+0.3656i	0.3505+0.0656i
40.7	-1.5935+0.5290i	0.1787-0.2720i	1.3427+0.8413i	-1.2371+0.3914i	-0.1862+0.3786i	1.5140-2.5755i	-0.3587+0.3633i	0.4594-0.0320i
40.8	-1.5557+0.6134i	0.1767-0.3321i	1.3784+0.7949i	-1.1871+0.4215i	-0.2056+0.4111i	1.4502-2.6097i	-0.3657+0.3611i	0.5035-0.2313i
40.9	-1.5097+0.6948i	0.1521-0.3992i	1.4068+0.7508i	-1.1309+0.4426i	-0.1855+0.4404i	1.4238-2.6276i	-0.3389+0.3580i	0.5410-0.5069i
41.0	-1.4721+0.7685i	0.1125-0.4319i	1.3982+0.7323i	-1.1078+0.4689i	-0.1405+0.5181i	1.4247-2.7365i	-0.3435+0.3527i	0.4148-0.7349i
41.1	-1.3855+0.8246i	0.0702-0.4618i	1.4217+0.7567i	-1.0626+0.4764i	-0.0450+0.5782i	1.3298-2.8989i	-0.3518+0.3436i	0.1334-0.8387i
41.2	-1.3426+0.8658i	0.0458-0.5155i	1.4994+0.7610i	-1.0405+0.4730i	-0.0068+0.5530i	1.1672-3.0233i	-0.3714+0.3399i	0.0528-0.8399i
41.3	-1.2340+0.9205i	-0.0581-0.5583i	1.5854+0.6655i	-0.9948+0.4911i	0.0154+0.5511i	0.8373-2.9302i	-0.3606+0.3686i	-0.0271-0.9677i
41.4	-1.1449+0.9240i	-0.1746-0.5304i	1.5461+0.5088i	-0.9673+0.4972i	0.0291+0.5420i	0.8523-2.6368i	-0.3520+0.3620i	-0.2993-1.1602i
41.5	-1.0936+0.9461i	-0.2429-0.4547i	1.3990+0.5288i	-0.9625+0.5281i	0.0917+0.5924i	1.0362-2.7892i	-0.3743+0.3890i	-0.7338-1.0636i
41.6	-1.0379+0.9116i	-0.2459-0.3841i	1.3957+0.5837i	-0.9324+0.5195i	0.1589+0.5752i	1.0253-2.8428i	-0.3491+0.4014i	-0.8967-0.8041i
41.7	-1.0184+0.8828i	-0.2352-0.3346i	1.4094+0.6224i	-0.9235+0.5150i	0.2289+0.5308i	1.0290-2.9448i	-0.3111+0.4188i	-0.9637-0.5512i
41.8	-0.9719+0.8643i	-0.2264-0.2808i	1.4835+0.6630i	-0.8980+0.5233i	0.2786+0.4904i	0.8165-3.0002i	-0.2797+0.4427i	-0.9497-0.3083i
41.9	-0.9965+0.7999i	-0.1466-0.2813i	1.4952+0.6029i	-0.8810+0.4735i	0.2765+0.4234i	0.9726-2.8106i	-0.2156+0.3887i	-0.8565-0.2599i
42.0	-1.0611+0.8467i	-0.1378-0.3713i	1.5261+0.6136i	-0.9229+0.4623i	0.2882+0.4072i	1.0304-3.0677i	-0.2284+0.3572i	-0.8207-0.2213i
42.1	-1.0334+0.9024i	-0.1979-0.3932i	1.5441+0.5868i	-0.9318+0.4943i	0.2880+0.3687i	0.8906-3.1685i	-0.2326+0.3579i	-0.8214-0.1762i
42.2	-0.9970+0.9456i	-0.2777-0.3985i	1.5590+0.6620i	-0.9417+0.5097i	0.2584+0.3262i	0.7954-3.4118i	-0.1961+0.3605i	-0.8319-0.0256i
42.3	-1.0055+0.9456i	-0.3343-0.3735i	1.7240+0.6608i	-0.9907+0.5032i	0.2511+0.3198i	0.5750-3.4825i	-0.2014+0.3258i	-0.7219+0.0018i
42.4	-1.0022+1.0082i	-0.3643-0.3107i	1.7555+0.4798i	-1.0301+0.5815i	0.3053+0.3522i	0.4061-3.4393i	-0.2561+0.3204i	-0.7612-0.0444i
42.5	-0.9602+1.0633i	-0.3810-0.2795i	1.7103+0.4647i	-1.0271+0.6411i	0.3237+0.3374i	0.2416-3.5245i	-0.2278+0.3277i	-0.7773+0.0514i
42.6	-0.9086+1.0806i	-0.4128-0.2285i	1.7615+0.4086i	-1.0241+0.6861i	0.3447+0.3277i	-0.0168-3.4177i	-0.1948+0.3139i	-0.7411+0.0919i
42.7	-0.8145+1.0786i	-0.4181-0.1099i	1.6643+0.3668i	-0.9744+0.7548i	0.3745+0.2877i	-0.1738-3.2173i	-0.1412+0.3432i	-0.7784+0.2178i
42.8	-0.8025+0.9685i	-0.2928-0.0406i	1.7259+0.5266i	-0.9295+0.7188i	0.3848+0.2428i	-0.1241-3.0749i	-0.0589+0.2788i	-0.6163+0.3814i
42.9	-0.9296+1.0150i	-0.2366-0.1668i	1.9280+0.3488i	-1.0144+0.7275i	0.3829+0.2014i	-0.0811-3.0866i	-0.1204+0.1766i	-0.4637+0.2104i
43.0	-0.9380+1.1639i	-0.3364-0.2029i	1.8523+0.1491i	-1.0674+0.8490i	0.3594+0.2181i	-0.0863-3.1913i	-0.2058+0.1517i	-0.5733+0.1272i
43.1	-0.8505+1.2394i	-0.3738-0.1065i	1.7553+0.1448i	-1.0171+0.9724i	0.3570+0.2077i	-0.3041-3.2976i	-0.2187+0.1918i	-0.6079+0.2745i
43.2	-0.7578+1.2507i	-0.3127-0.0275i	1.7582+0.2361i	-0.9252+1.0340i	0.3887+0.2235i	-0.6544-3.2834i	-0.1729+0.2025i	-0.4745+0.4265i
43.3	-0.6899+1.2184i	-0.2063-0.1357i	1.9243-0.0006i	-0.8301+1.0269i	0.4264+0.0749i	-1.0799-2.3368i	-0.1231+0.1531i	-0.1480+0.1678i
43.4	-0.7066+1.1728i	-0.2980-0.1699i	1.7070+0.0053i	-0.8316+0.9794i	0.2902+0.0833i	-0.2004-2.1838i	-0.1482+0.0678i	-0.3644+0.0390i

43.5	−0.7960+1.2067i	−0.3280−0.1206i	1.7333+0.0632i	−0.9195+1.0126i	0.2938+0.1613i	0.1823−2.6465i	−0.2250+0.0083i	−0.4809+0.1127i
43.6	−0.8248+1.3603i	−0.2978−0.0855i	1.7994+0.0006i	−0.9442+1.1623i	0.3283+0.1922i	0.0197−3.2136i	−0.3041−0.0047i	−0.4703+0.1952i
43.7	−0.6981+1.4941i	−0.2895−0.0936i	1.8112−0.1401i	−0.8358+1.3135i	0.3611+0.1333i	−0.5574−3.2178i	−0.3972+0.0385i	−0.3645+0.1920i
43.8	−0.5870+1.5261i	−0.3092−0.1099i	1.7396−0.2422i	−0.7247+1.3646i	0.3497+0.0898i	−0.7086−2.8995i	−0.4368+0.0705i	−0.3545+0.1094i
43.9	−0.4862+1.4936i	−0.3276−0.1028i	1.5958−0.2464i	−0.6020+1.3462i	0.3170+0.0880i	−0.5136−2.6473i	−0.4181+0.1086i	−0.4225+0.0573i
44.0	−0.3847+1.4647i	−0.3478−0.1446i	1.5315−0.0897i	−0.4885+1.2882i	0.2958+0.0729i	−0.3707−2.7813i	−0.4143+0.1371i	−0.4406+0.0953i
44.1	−0.3623+1.4282i	−0.4344−0.0994i	1.5740−0.1160i	−0.4955+1.2614i	0.2273+0.1184i	−0.2858−2.7963i	−0.4167+0.1335i	−0.4948+0.0489i
44.2	−0.3657+1.4757i	−0.4373+0.0431i	1.4757−0.1511i	−0.4998+1.3321i	0.2625+0.2113i	−0.1324−3.2800i	−0.4923+0.1643i	−0.6895+0.1580i
44.3	−0.2185+1.4880i	−0.3562+0.0700i	1.4566+0.0116i	−0.3592+1.3467i	0.3805+0.1975i	−0.7556−3.5961i	−0.4727+0.2358i	−0.6096+0.3725i
44.4	−0.1504+1.4130i	−0.3403+0.0587i	1.6301+0.0721i	−0.3085+1.2869i	0.3931+0.1624i	−1.2856−3.3792i	−0.4437+0.2484i	−0.4517+0.3780i
44.5	−0.1255+1.3588i	−0.3491+0.0838i	1.7165−0.1205i	−0.2802+1.2809i	0.3734+0.0991i	−1.4580−2.8089i	−0.4314+0.2689i	−0.4249+0.2644i
44.6	−0.0931+1.3186i	−0.3166+0.1258i	1.6537−0.2092i	−0.2205+1.2681i	0.4145+0.0717i	−1.3771−2.4522i	−0.4223+0.3077i	−0.4588+0.2514i
44.7	−0.0973+1.2656i	−0.2941+0.0972i	1.6493−0.2486i	−0.2015+1.2128i	0.3881+0.0258i	−1.2231−2.2620i	−0.4134+0.3075i	−0.4583+0.2262i
44.8	−0.0815+1.2294i	−0.2653+0.1259i	1.5461−0.3212i	−0.1524+1.1946i	0.3584+0.0313i	−0.9644−1.9921i	−0.3880+0.3103i	−0.5177+0.2023i
44.9	−0.1210+1.2095i	−0.2110+0.0994i	1.4640−0.2572i	−0.1446+1.1446i	0.3560+0.0572i	−0.4650−2.1402i	−0.3590+0.2866i	−0.5937+0.2605i
45.0	−0.1496+1.2424i	−0.2427+0.0849i	1.6163−0.2507i	−0.2022+1.1470i	0.3980+0.0497i	−0.5803−2.5158i	−0.3977+0.2771i	−0.5710+0.3220i
45.1	−0.1056+1.2506i	−0.2142+0.0900i	1.5870−0.2602i	−0.1631+1.1492i	0.4343+0.0149i	−0.7554−2.5828i	−0.3844+0.3118i	−0.5418+0.3946i
45.2	−0.1149+1.2638i	−0.1971+0.0571i	1.6227−0.2766i	−0.1632+1.1418i	0.4544+0.0082i	−0.7982−2.6633i	−0.3904+0.3108i	−0.5284+0.4182i
45.3	−0.0632+1.3104i	−0.2145+0.0347i	1.5882−0.4398i	−0.1292+1.1804i	0.4570−0.0503i	−1.0475−2.5537i	−0.3883+0.3659i	−0.4992+0.4511i
45.4	0.0249+1.2971i	−0.2523+0.0242i	1.4241−0.4726i	−0.0618+1.1781i	0.3746−0.0919i	−1.0946−2.3289i	−0.3465+0.3920i	−0.4745+0.4908i
45.5	0.0460+1.2081i	−0.2991+0.0510i	1.3798−0.3900i	−0.0512+1.1038i	0.3380−0.1231i	−0.8664−2.1174i	−0.2916+0.3703i	−0.4585+0.4779i
45.6	−0.0475+1.2060i	−0.2760+0.0906i	1.4360−0.3772i	−0.1255+1.0954i	0.3084−0.0869i	−0.5465−2.3874i	−0.3273+0.3183i	−0.5025+0.4884i
45.7	0.0325+1.2939i	−0.2574+0.1174i	1.3426−0.3961i	−0.0660+1.1760i	0.3227−0.1206i	−0.8209−2.6883i	−0.3329+0.3799i	−0.4502+0.6206i
45.8	0.0751+1.2564i	−0.2521+0.1166i	1.3789−0.3392i	−0.0417+1.1382i	0.3575−0.1380i	−0.9441−2.6564i	−0.2826+0.3692i	−0.3704+0.6175i
45.9	0.0586+1.2661i	−0.2577+0.1280i	1.4189−0.4290i	−0.0637+1.1582i	0.3604−0.1043i	−1.0006−2.7210i	−0.3065+0.3390i	−0.3660+0.5994i
46.0	0.1175+1.2771i	−0.2195+0.1517i	1.3369−0.4725i	−0.0091+1.1869i	0.3893−0.1330i	−1.1890−2.6971i	−0.2986+0.3392i	−0.3088+0.6290i
46.1	0.1706+1.2783i	−0.2027+0.1382i	1.2275−0.4941i	0.0388+1.2056i	0.3784−0.1855i	−1.3419−2.6317i	−0.2920+0.3542i	−0.2688+0.6355i
46.2	0.2127+1.2420i	−0.2020+0.1164i	1.1742−0.4373i	0.0882+1.1892i	0.3443−0.1713i	−1.4136−2.4053i	−0.2794+0.3779i	−0.2536+0.6133i
46.3	0.2626+1.2019i	−0.2141+0.1117i	1.0975−0.3345i	0.1449+1.1395i	0.3006−0.2033i	−1.3193−2.3154i	−0.2523+0.3762i	−0.2465+0.6298i
46.4	0.2776+1.1513i	−0.2419+0.1152i	1.1135−0.1658i	0.1307+1.0780i	0.3123−0.1937i	−1.3114−2.4371i	−0.2250+0.3537i	−0.1995+0.6813i
46.5	0.2646+1.1257i	−0.2729+0.1372i	1.2556−0.1267i	0.0886+1.0789i	0.3143−0.2356i	−1.4254−2.3832i	−0.2319+0.3431i	−0.1547+0.6641i
46.6	0.2581+1.1221i	−0.2746+0.2122i	1.3664−0.2313i	0.0796+1.1310i	0.2665−0.2649i	−1.5026−2.2312i	−0.2465+0.3641i	−0.1336+0.6466i
46.7	0.2342+1.0843i	−0.2430+0.2444i	1.4769−0.2281i	0.0740+1.1224i	0.2687−0.2494i	−1.4104−2.1516i	−0.2428+0.3512i	−0.1018+0.6323i
46.8	0.2041+1.1635i	−0.2296+0.2784i	1.4950−0.5284i	0.0636+1.2231i	0.2631−0.2771i	−1.3282−2.2256i	−0.2766+0.3424i	−0.1312+0.6076i
46.9	0.2980+1.1799i	−0.1925+0.2943i	1.2438−0.5320i	0.1688+1.2429i	0.2246−0.2613i	−1.4192−2.3009i	−0.2559+0.3829i	−0.1158+0.6708i
47.0	0.3293+1.1308i	−0.1626+0.2954i	1.2233−0.4120i	0.2120+1.2120i	0.2167−0.2794i	−1.5442−2.2654i	−0.2367+0.3908i	−0.0661+0.6853i
47.1	0.3014+1.1307i	−0.1210+0.2973i	1.3675−0.4692i	0.2053+1.2227i	0.2140−0.3186i	−1.5671−2.1367i	−0.2328+0.3846i	−0.0180+0.6632i
47.2	0.3600+1.1857i	−0.0968+0.3097i	1.2649−0.6426i	0.2784+1.2895i	0.1384−0.3348i	−1.6455−2.1210i	−0.2314+0.4176i	0.0016+0.6701i
47.3	0.4429+1.1424i	−0.0622+0.2974i	1.0862−0.5942i	0.3810+1.2477i	0.0880−0.3222i	−1.6984−2.0042i	−0.1792+0.4341i	0.0468+0.6622i
47.4	0.4837+1.0579i	−0.0322+0.2785i	0.9958−0.4581i	0.4411+1.1663i	0.0795−0.2801i	−1.6582−1.8646i	−0.1343+0.4086i	0.0863+0.6385i
47.5	0.4672+1.0050i	−0.0125+0.2701i	1.0253−0.3611i	0.4463+1.1180i	0.0892−0.2437i	−1.5849−1.8501i	−0.1231+0.3889i	0.1042+0.6260i
47.6	0.4536+0.9893i	0.0093+0.2434i	1.0519−0.3141i	0.4505+1.0882i	0.1108−0.2494i	−1.5231−1.8578i	−0.1030+0.3584i	0.1148+0.6122i
47.7	0.4476+0.9647i	−0.0068+0.2219i	1.1353−0.2353i	0.4385+1.0578i	0.0837−0.2750i	−1.4857−1.9421i	−0.1115+0.3270i	0.1360+0.6116i
47.8	0.4454+0.9768i	0.0084+0.2424i	1.1709−0.3657i	0.4448+1.0881i	0.0606−0.2917i	−1.6002−1.9987i	−0.1162+0.3475i	0.1747+0.6167i
47.9	0.4821+0.9578i	0.0302+0.2293i	1.0466−0.3474i	0.4895+1.0709i	0.0398−0.2966i	−1.6447−2.0000i	−0.0954+0.3472i	0.1999+0.6178i
48.0	0.4845+0.9396i	0.0495+0.2221i	1.1135−0.2968i	0.5144+1.0560i	0.0056−0.3020i	−1.8469−1.9364i	−0.0871+0.3372i	0.2609+0.5999i
48.1	0.4930+0.9196i	0.0698+0.1961i	1.1270−0.3489i	0.5450+1.0322i	−0.0449−0.2722i	−1.8175−1.7135i	−0.0803+0.3087i	0.2848+0.5331i
48.2	0.4939+0.9203i	0.0724+0.1738i	1.0875−0.3434i	0.5518+1.0255i	−0.0207−0.2591i	−1.7291−1.7782i	−0.0758+0.3085i	0.2677+0.5296i
48.3	0.5200+0.9097i	0.0601+0.1672i	1.0513−0.2842i	0.5800+1.0138i	−0.0145−0.2494i	−1.7402−1.8501i	−0.0573+0.3156i	0.2788+0.5522i
48.4	0.5258+0.8703i	0.0719+0.1698i	1.1430−0.2330i	0.6107+0.9796i	−0.0379−0.2170i	−1.9335−1.8378i	−0.0208+0.3056i	0.3664+0.5442i
48.5	0.5177+0.8463i	0.0846+0.1466i	1.1993−0.2525i	0.6240+0.9441i	−0.0653−0.2155i	−2.0294−1.7154i	0.0088+0.2811i	0.4143+0.4915i
48.6	0.4999+0.8281i	0.0982+0.1300i	1.2985−0.3107i	0.6193+0.9117i	−0.0950−0.2005i	−2.1711−1.5516i	0.0067+0.2037i	0.4598+0.3974i
48.7	0.5016+0.8265i	0.0941+0.0939i	1.2610−0.4539i	0.6299+0.8829i	−0.0914−0.1685i	−2.0998−1.2390i	−0.0225+0.1495i	0.4231+0.2860i
48.8	0.5030+0.8069i	0.0620+0.0766i	1.1365−0.4847i	0.6340+0.8476i	−0.1158−0.1422i	−1.7979−1.0918i	−0.0883+0.1184i	0.3130+0.2468i
48.9	0.5212+0.7891i	0.0533+0.0903i	1.0417−0.3829i	0.6412+0.8346i	−0.0835−0.1236i	−1.6867−1.2728i	−0.1173+0.1148i	0.2838+0.2983i
49.0	0.5181+0.7631i	0.0572+0.0950i	1.0634−0.3017i	0.6380+0.8072i	−0.0721−0.1318i	−1.7225−1.3503i	−0.1194+0.1211i	0.3214+0.3152i
49.1	0.4792+0.7600i	0.0500+0.0814i	1.1583−0.3302i	0.6124+0.7952i	−0.0777−0.1474i	−1.7577−1.3331i	−0.1362+0.1070i	0.3467+0.2751i
49.2	0.4759+0.7753i	0.0486+0.0785i	1.1126−0.3881i	0.6262+0.8000i	−0.0654−0.1613i	−1.7316−1.3099i	−0.1853+0.1129i	0.3149+0.2642i
49.3	0.4852+0.7583i	0.0447+0.0707i	1.0816−0.3344i	0.6429+0.7687i	−0.0668−0.1620i	−1.7923−1.2756i	−0.2005+0.1236i	0.3376+0.2551i
49.4	0.4812+0.7481i	0.0382+0.0668i	1.1384−0.3378i	0.6340+0.7477i	−0.0755−0.1201i	−1.8259−1.2100i	−0.2111+0.1388i	0.3565+0.2206i
49.5	0.4936+0.7486i	0.0426+0.0676i	1.1017−0.3997i	0.6479+0.7366i	−0.0855−0.0951i	−1.7912−1.1170i	−0.2183+0.1528i	0.3327+0.1765i
49.6	0.4941+0.7197i	0.0369+0.0615i	1.0712−0.2933i	0.6389+0.6992i	−0.0801−0.1097i	−1.7133−1.1851i	−0.2276+0.1553i	0.2981+0.1922i
49.7	0.4590+0.7177i	0.0324+0.0679i	1.2069−0.2815i	0.6065+0.6975i	−0.0751−0.1155i	−1.8749−1.2063i	−0.2500+0.1563i	0.3322+0.1803i

49.8	0.4382+0.7458i	0.0415+0.0666i	1.2743-0.4391i	0.5894+0.7148i	-0.0721-0.1088i	-1.9067-1.0090i	-0.2885+0.1534i	0.3082+0.1125i
49.9	0.4570+0.7678i	0.0501+0.0549i	1.1962-0.5445i	0.6104+0.7196i	-0.0633-0.0960i	-1.8579-0.8772i	-0.3091+0.1864i	0.2674+0.0819i
50.0	0.4876+0.7584i	0.0456+0.0506i	1.0842-0.5151i	0.6243+0.7054i	-0.0529-0.0937i	-1.7812-0.8652i	-0.2908+0.2343i	0.2361+0.1025i
50.1	0.5032+0.7429i	0.0411+0.0461i	1.0444-0.4695i	0.6339+0.6820i	-0.0627-0.0928i	-1.7520-0.8291i	-0.2595+0.2733i	0.2226+0.1131i
50.2	0.5006+0.7287i	0.0229+0.0394i	1.0247-0.4290i	0.6309+0.6569i	-0.0666-0.0788i	-1.6236-0.7521i	-0.2485+0.2773i	0.1892+0.1181i
50.3	0.4957+0.7165i	0.0187+0.0502i	1.0249-0.3919i	0.6201+0.6498i	-0.0636-0.0575i	-1.4834-0.7645i	-0.2438+0.2530i	0.1675+0.1381i
50.4	0.4876+0.7085i	0.0347+0.0484i	1.0438-0.3196i	0.6177+0.6505i	-0.0603-0.0654i	-1.4604-0.9051i	-0.2296+0.2376i	0.1838+0.1851i
50.5	0.4667+0.7117i	0.0230+0.0590i	1.1556-0.3027i	0.5898+0.6594i	-0.0569-0.0802i	-1.5932-0.9903i	-0.2063+0.2337i	0.2332+0.1829i
50.6	0.4743+0.7467i	0.0644+0.0557i	1.1701-0.4533i	0.6069+0.6803i	-0.0420-0.1050i	-1.7065-0.8885i	-0.2227+0.2524i	0.2465+0.1380i
50.7	0.4925+0.7464i	0.0610+0.0314i	1.1208-0.4883i	0.6257+0.6677i	-0.0537-0.1221i	-1.6485-0.7228i	-0.2260+0.2300i	0.2094+0.1012i
50.8	0.4972+0.7476i	0.0696+0.0339i	1.1203-0.4717i	0.6299+0.6688i	-0.0176-0.0959i	-1.5749-0.7633i	-0.2212+0.2208i	0.1987+0.1172i
50.9	0.5041+0.7625i	0.0729-0.0050i	1.1591-0.5427i	0.6337+0.6703i	-0.0307-0.1265i	-1.6941-0.7058i	-0.2242+0.2013i	0.2151+0.0757i
51.0	0.5338+0.7643i	0.0396-0.0175i	1.0701-0.5812i	0.6460+0.6688i	-0.0496-0.1513i	-1.5871-0.5638i	-0.2401+0.1999i	0.1513+0.0641i
51.1	0.5520+0.7581i	0.0264-0.0230i	1.0231-0.5651i	0.6586+0.6556i	-0.0510-0.1472i	-1.4838-0.5549i	-0.2409+0.2039i	0.1371+0.0853i
51.2	0.5700+0.7576i	-0.0018-0.0423i	0.9815-0.5750i	0.6612+0.6500i	-0.0740-0.1675i	-1.3970-0.5432i	-0.2490+0.1914i	0.1109+0.0947i
51.3	0.5939+0.7357i	-0.0368+0.0075i	0.9611-0.4887i	0.6711+0.6521i	-0.1169-0.1248i	-1.4188-0.6730i	-0.2562+0.2025i	0.1401+0.1562i
51.4	0.5921+0.7325i	-0.0120+0.0101i	0.9918-0.5109i	0.6819+0.6567i	-0.1105-0.1036i	-1.4475-0.5961i	-0.2666+0.2016i	0.1504+0.1360i
51.5	0.5978+0.7360i	-0.0160-0.0141i	0.9814-0.5298i	0.6956+0.6491i	-0.0922-0.1248i	-1.3860-0.5539i	-0.2838+0.1996i	0.1334+0.1294i
51.6	0.6177+0.7217i	-0.0399-0.0238i	0.9643-0.5485i	0.7095+0.6303i	-0.1219-0.1517i	-1.3358-0.5023i	-0.2958+0.2148i	0.1236+0.1323i
51.7	0.6382+0.6950i	-0.0762+0.0023i	0.9457-0.5410i	0.7174+0.6111i	-0.1415-0.1436i	-1.2529-0.5175i	-0.3042+0.2250i	0.1150+0.1527i
51.8	0.6445+0.6817i	-0.0694+0.0342i	0.9450-0.5561i	0.7216+0.6026i	-0.0949-0.1192i	-1.2167-0.5556i	-0.3068+0.2299i	0.1067+0.1703i
51.9	0.6453+0.6773i	-0.0461+0.0449i	0.9040-0.5887i	0.7332+0.5937i	-0.0948-0.1223i	-1.1876-0.5696i	-0.3196+0.2555i	0.1094+0.1937i
52.0	0.6466+0.6581i	-0.0293+0.0538i	0.8883-0.5862i	0.7427+0.5745i	-0.0939-0.1007i	-1.1919-0.5185i	-0.3277+0.2916i	0.1255+0.2078i
52.1	0.6415+0.6330i	-0.0069+0.0394i	0.8671-0.5574i	0.7405+0.5545i	-0.1385-0.1045i	-1.1242-0.4937i	-0.3027+0.2840i	0.1473+0.2245i
52.2	0.6343+0.6297i	-0.0190+0.0127i	0.8955-0.5616i	0.7312+0.5451i	-0.1358-0.1209i	-1.1213-0.5365i	-0.3002+0.2536i	0.1792+0.2183i
52.3	0.6629+0.6266i	-0.0525+0.0176i	0.8186-0.6270i	0.7453+0.5442i	-0.1492-0.1311i	-1.0503-0.5119i	-0.3207+0.2487i	0.1602+0.2379i
52.4	0.6677+0.6071i	-0.0508+0.0338i	0.7718-0.5745i	0.7455+0.5240i	-0.1596-0.1046i	-1.0301-0.5757i	-0.3253+0.2601i	0.2009+0.2701i
52.5	0.6580+0.5964i	-0.0349+0.0399i	0.7900-0.5415i	0.7373+0.5102i	-0.1451-0.0987i	-1.1006-0.5835i	-0.3083+0.2556i	0.2726+0.2506i
52.6	0.6473+0.5919i	-0.0368+0.0104i	0.7837-0.5519i	0.7360+0.5123i	-0.1601-0.1361i	-1.0765-0.5048i	-0.3299+0.2131i	0.3019+0.2052i
52.7	0.6477+0.5887i	-0.0959-0.0125i	0.7808-0.5463i	0.7197+0.5092i	-0.2341-0.1781i	-1.0581-0.5201i	-0.3663+0.1795i	0.3371+0.1633i
52.8	0.6626+0.5790i	-0.1373+0.0284i	0.7806-0.5785i	0.7177+0.5094i	-0.2514-0.1509i	-1.0542-0.4951i	-0.4059+0.2205i	0.3347+0.1281i
52.9	0.6628+0.5629i	-0.1186+0.0824i	0.7572-0.5968i	0.7255+0.5074i	-0.2489-0.0970i	-0.9760-0.4423i	-0.4481+0.2453i	0.2996+0.0950i
53.0	0.6516+0.5490i	-0.0599+0.0876i	0.6909-0.6484i	0.7460+0.5027i	-0.2685-0.1035i	-0.8912-0.4076i	-0.4789+0.2789i	0.2914+0.0710i
53.1	0.6479+0.5405i	-0.0569+0.0445i	0.5920-0.6717i	0.7630+0.4855i	-0.2751-0.1489i	-0.7591-0.3939i	-0.4915+0.3261i	0.2849+0.0739i
53.2	0.6464+0.5396i	-0.0959+0.0020i	0.4971-0.6470i	0.7716+0.4636i	-0.3256-0.0973i	-0.6298-0.4467i	-0.5045+0.3753i	0.2803+0.0690i
53.3	0.6550+0.5326i	-0.1852+0.0338i	0.4154-0.5414i	0.7566+0.4477i	-0.3853-0.0552i	-0.5381-0.6355i	-0.5019+0.4251i	0.2782+0.0882i
53.4	0.6565+0.5132i	-0.2036+0.1837i	0.4595-0.4497i	0.7471+0.4500i	-0.4218+0.0538i	-0.5871-0.8008i	-0.5185+0.4772i	0.3062+0.0652i
53.5	0.6244+0.4907i	-0.0359+0.2344i	0.5062-0.5046i	0.7497+0.4586i	-0.2782+0.1128i	-0.7843-0.7106i	-0.4623+0.5007i	0.3485-0.0155i
53.6	0.5876+0.5126i	-0.0213+0.0915i	0.3570-0.4475i	0.7419+0.4261i	-0.2849+0.0123i	-0.6266-0.7384i	-0.4246+0.5181i	0.2882-0.0379i
53.7	0.5842+0.5420i	-0.0539+0.0709i	0.3451-0.3742i	0.7414+0.4364i	-0.3326-0.0087i	-0.5775-0.7854i	-0.4498+0.5350i	0.2512-0.0543i
53.8	0.5921+0.5586i	-0.0818+0.0726i	0.3475-0.3215i	0.7316+0.4361i	-0.3181+0.0516i	-0.5879-0.8213i	-0.4213+0.5421i	0.2315-0.0745i
53.9	0.6065+0.5770i	-0.1073+0.0767i	0.3136-0.2494i	0.7343+0.4391i	-0.3032+0.0654i	-0.5145-0.9371i	-0.4197+0.5485i	0.2081-0.0889i
54.0	0.6315+0.5900i	-0.1143+0.0584i	0.3211-0.1739i	0.7487+0.4190i	-0.3464+0.0878i	-0.5083-1.0863i	-0.3861+0.6117i	0.2191-0.0862i
54.1	0.6790+0.6146i	-0.1924+0.0011i	0.4175-0.1009i	0.7609+0.4136i	-0.3913+0.0816i	-0.6285-1.2237i	-0.3719+0.6497i	0.2125-0.1570i
54.2	0.7220+0.6022i	-0.2926+0.0511i	0.4447-0.1538i	0.7542+0.4195i	-0.4045+0.1285i	-0.7507-1.1387i	-0.3512+0.6345i	0.1493-0.2378i
54.3	0.7273+0.5488i	-0.3125+0.1846i	0.3481-0.1253i	0.7432+0.4178i	-0.4211+0.1910i	-0.6313-1.1008i	-0.3334+0.6372i	0.0408-0.2030i
54.4	0.7198+0.5289i	-0.2952+0.2703i	0.3405-0.0062i	0.7403+0.4043i	-0.4176+0.2494i	-0.6363-1.3301i	-0.3217+0.7048i	-0.0133-0.1022i
54.5	0.7218+0.5280i	-0.2584+0.3299i	0.4209+0.0713i	0.7495+0.4308i	-0.3847+0.2935i	-0.7772-1.3569i	-0.2877+0.7032i	-0.0160-0.0754i
54.6	0.7346+0.5216i	-0.2266+0.3600i	0.4839+0.0756i	0.7521+0.4330i	-0.3231+0.3432i	-0.8948-1.3099i	-0.2406+0.7041i	-0.0170-0.0376i
54.7	0.7539+0.5068i	-0.2066+0.3927i	0.5298+0.0554i	0.7628+0.4332i	-0.3003+0.3338i	-0.9644-1.2214i	-0.1924+0.7017i	-0.0242-0.0375i
54.8	0.7662+0.4811i	-0.1848+0.4392i	0.5354+0.0518i	0.7722+0.4285i	-0.2757+0.3371i	-0.9517-1.1713i	-0.1665+0.6779i	-0.0511-0.0207i
54.9	0.7685+0.4613i	-0.1597+0.4852i	0.5359+0.0653i	0.7804+0.4211i	-0.2458+0.3694i	-0.9418-1.2109i	-0.1430+0.6822i	-0.0492+0.0090i
55.0	0.7654+0.4385i	-0.1061+0.5322i	0.5660+0.0867i	0.8006+0.4141i	-0.1984+0.4015i	-0.9537-1.2525i	-0.1254+0.6971i	-0.0448+0.0525i
55.1	0.7554+0.4278i	-0.0382+0.5468i	0.5912+0.1202i	0.8039+0.4094i	-0.1709+0.4268i	-0.9970-1.2761i	-0.1056+0.6649i	-0.0448+0.0718i
55.2	0.7291+0.4161i	0.0253+0.5340i	0.6097+0.1172i	0.7903+0.4019i	-0.1118+0.4082i	-1.0410-1.2505i	-0.0774+0.6418i	-0.0618+0.0721i
55.3	0.7300+0.4048i	0.0808+0.5364i	0.6354+0.1394i	0.8075+0.3878i	-0.0776+0.3888i	-1.0799-1.2714i	-0.0687+0.6412i	-0.0532+0.1065i
55.4	0.7319+0.4072i	0.1085+0.4904i	0.6885+0.1409i	0.8144+0.3750i	-0.0970+0.3268i	-1.1593-1.2287i	-0.0516+0.6053i	-0.0280+0.0917i
55.5	0.7371+0.4125i	0.0789+0.4918i	0.7052+0.1098i	0.8058+0.3793i	-0.1253+0.3088i	-1.1743-1.1455i	-0.0578+0.5791i	-0.0359+0.0761i
55.6	0.7342+0.4036i	0.1135+0.5769i	0.6794+0.1067i	0.8073+0.3855i	-0.1211+0.3656i	-1.1216-1.1564i	-0.0669+0.6079i	-0.0695+0.1451i
55.7	0.7325+0.3869i	0.2019+0.6146i	0.6750+0.1226i	0.8289+0.3844i	-0.0937+0.4331i	-1.1139-1.1880i	-0.0460+0.6332i	-0.0356+0.1809i
55.8	0.7297+0.3783i	0.2667+0.6029i	0.6922+0.1423i	0.8387+0.3846i	-0.0262+0.4132i	-1.1559-1.1830i	-0.0304+0.6039i	-0.0080+0.1755i
55.9	0.7275+0.3704i	0.3217+0.5721i	0.6906+0.1621i	0.8406+0.3774i	0.0058+0.4122i	-1.2028-1.1904i	0.0073+0.6013i	0.0223+0.2082i
56.0	0.7249+0.3659i	0.3650+0.5375i	0.6923+0.1568i	0.8502+0.3715i	0.0084+0.4406i	-1.2069-1.1602i	0.0281+0.5883i	0.0401+0.1893i

56.1	0.7293+0.3623i	0.3790+0.5219i	0.6967+0.1579i	0.8610+0.3667i	0.0203+0.4272i	-1.1875-1.1405i	0.0222+0.5786i	0.0323+0.1949i
56.2	0.7229+0.3478i	0.4348+0.5036i	0.7334+0.1680i	0.8768+0.3498i	0.0437+0.4524i	-1.2017-1.1524i	0.0098+0.5904i	0.0520+0.2296i
56.3	0.7087+0.3335i	0.4774+0.4688i	0.7384+0.1832i	0.8797+0.3396i	0.0728+0.4472i	-1.2196-1.1404i	0.0355+0.5662i	0.0718+0.2202i
56.4	0.7023+0.3293i	0.5116+0.4448i	0.7329+0.1835i	0.8849+0.3249i	0.0893+0.4363i	-1.2351-1.1246i	0.0626+0.5490i	0.0792+0.2346i
56.5	0.6991+0.3326i	0.5431+0.4122i	0.7366+0.1921i	0.8901+0.3155i	0.1509+0.4419i	-1.2415-1.1200i	0.0749+0.5369i	0.0952+0.2411i
56.6	0.7049+0.3262i	0.5538+0.3911i	0.7359+0.1963i	0.8966+0.3080i	0.1888+0.4225i	-1.2408-1.1036i	0.0935+0.5220i	0.1243+0.2372i
56.7	0.7048+0.3056i	0.5927+0.3608i	0.7523+0.1954i	0.9168+0.2815i	0.2025+0.4344i	-1.2305-1.0742i	0.0864+0.5009i	0.1335+0.2274i
56.8	0.6995+0.2955i	0.6401+0.3336i	0.7600+0.2173i	0.9275+0.2674i	0.2260+0.4123i	-1.2287-1.0918i	0.0862+0.4897i	0.1584+0.2421i
56.9	0.6925+0.2948i	0.6676+0.3007i	0.7808+0.2321i	0.9393+0.2487i	0.2443+0.4220i	-1.2092-1.1103i	0.0623+0.4726i	0.1497+0.2325i
57.0	0.6806+0.2891i	0.6889+0.2533i	0.8035+0.2666i	0.9451+0.2266i	0.2524+0.3944i	-1.2127-1.1026i	0.0531+0.4332i	0.1731+0.2005i
57.1	0.6759+0.3006i	0.6928+0.1838i	0.7971+0.2808i	0.9344+0.2003i	0.2863+0.3366i	-1.2195-1.1347i	0.0738+0.4098i	0.1735+0.1785i
57.2	0.6682+0.3085i	0.7057+0.1221i	0.8008+0.2933i	0.9175+0.1739i	0.3394+0.3519i	-1.2381-1.1703i	0.0805+0.4006i	0.1757+0.1745i
57.3	0.6617+0.3032i	0.7086+0.1059i	0.8324+0.3179i	0.9123+0.1678i	0.3223+0.3231i	-1.2685-1.1887i	0.0356+0.3865i	0.1837+0.1907i
57.4	0.6596+0.2953i	0.6969+0.0742i	0.8619+0.3286i	0.8970+0.1586i	0.3270+0.2856i	-1.3043-1.1907i	0.0076+0.3565i	0.1574+0.1712i
57.5	0.6579+0.2985i	0.6983+0.0413i	0.9009+0.3304i	0.8959+0.1533i	0.3395+0.2477i	-1.3365-1.1812i	-0.0322+0.3732i	0.1566+0.1954i
57.6	0.6570+0.3063i	0.6898-0.0099i	0.9199+0.3170i	0.8825+0.1389i	0.3449+0.1976i	-1.3740-1.1568i	-0.0229+0.3968i	0.1831+0.1923i
57.7	0.6567+0.3047i	0.6992-0.0509i	0.9422+0.3120i	0.8854+0.1233i	0.3107+0.1848i	-1.3928-1.1464i	-0.0203+0.4082i	0.1827+0.1776i
57.8	0.6483+0.3057i	0.6965-0.0715i	0.9654+0.3289i	0.8795+0.1288i	0.3220+0.1678i	-1.4018-1.1357i	-0.0331+0.4057i	0.2012+0.1743i
57.9	0.6549+0.3077i	0.6544-0.0941i	0.9838+0.3253i	0.8517+0.1439i	0.3473+0.1352i	-1.4329-1.1109i	-0.0080+0.3688i	0.2148+0.1345i
58.0	0.6612+0.3108i	0.6587-0.1297i	0.9985+0.2838i	0.8591+0.1338i	0.3444+0.0700i	-1.4424-1.0474i	-0.0504+0.3749i	0.1938+0.1096i
58.1	0.6643+0.3211i	0.6465-0.1726i	0.9794+0.2809i	0.8570+0.1176i	0.3592+0.0657i	-1.4050-1.0490i	-0.0455+0.3898i	0.2072+0.1265i
58.2	0.6686+0.3225i	0.5919-0.1805i	0.9673+0.3004i	0.8456+0.1124i	0.3196+0.0527i	-1.3510-1.0933i	-0.0547+0.4102i	0.1839+0.1455i
58.3	0.6674+0.3020i	0.6334-0.1142i	0.9942+0.3204i	0.8516+0.1187i	0.3400+0.0889i	-1.4036-1.1302i	0.0107+0.4098i	0.2747+0.1415i
58.4	0.6582+0.2951i	0.7085-0.1795i	1.0316+0.3275i	0.8653+0.1096i	0.3928+0.0108i	-1.4553-1.0939i	-0.0019+0.3103i	0.2840+0.0318i
58.5	0.6551+0.2961i	0.6970-0.2600i	1.0616+0.3083i	0.8751+0.0850i	0.3883-0.0394i	-1.4607-1.0489i	-0.0826+0.3225i	0.2210+0.0175i
58.6	0.6568+0.3020i	0.6618-0.3102i	1.0590+0.3031i	0.8574+0.0682i	0.3667-0.0390i	-1.4698-1.0692i	-0.0843+0.3418i	0.2102-0.0130i
58.7	0.6534+0.2976i	0.6319-0.3481i	1.0752+0.2953i	0.8410+0.0554i	0.2834-0.0581i	-1.4666-1.0859i	-0.1581+0.3771i	0.1612-0.0099i
58.8	0.6595+0.2991i	0.5875-0.3794i	1.0814+0.3000i	0.8241+0.0606i	0.2509-0.0837i	-1.4860-1.0793i	-0.1806+0.3599i	0.0847-0.0093i
58.9	0.6579+0.2890i	0.5535-0.3719i	1.1069+0.3059i	0.8131+0.0612i	0.2292-0.0998i	-1.5221-1.0528i	-0.2096+0.3578i	0.0462+0.0059i
59.0	0.6510+0.2903i	0.5461-0.4197i	1.1173+0.2887i	0.8080+0.0504i	0.2500-0.1011i	-1.5072-1.0364i	-0.2302+0.4517i	0.0081+0.0632i
59.1	0.6603+0.2989i	0.5155-0.4363i	1.1019+0.2815i	0.7900+0.0577i	0.2524-0.0715i	-1.4959-1.0423i	-0.1967+0.4760i	0.0088+0.0724i
59.2	0.6586+0.3075i	0.4920-0.4432i	1.1260+0.2740i	0.7825+0.0661i	0.1966-0.0651i	-1.5262-1.0283i	-0.2489+0.5213i	0.0199+0.1245i
59.3	0.6562+0.3007i	0.4819-0.4458i	1.1326+0.2649i	0.7817+0.0648i	0.1892-0.0585i	-1.5354-1.0079i	-0.2536+0.5468i	0.0255+0.1559i
59.4	0.6573+0.3016i	0.4639-0.4522i	1.1194+0.2530i	0.7790+0.0617i	0.2163-0.0659i	-1.5088-0.9881i	-0.2193+0.5688i	0.0140+0.1948i
59.5	0.6689+0.3015i	0.4350-0.4704i	1.1155+0.2436i	0.7673+0.0581i	0.2035-0.0858i	-1.5114-0.9885i	-0.2057+0.6060i	0.0312+0.2232i
59.6	0.6789+0.2986i	0.4044-0.4951i	1.1146+0.2385i	0.7647+0.0601i	0.2165-0.1037i	-1.5220-0.9847i	-0.1713+0.6625i	0.0664+0.2544i
59.7	0.6758+0.2997i	0.4053-0.5043i	1.1307+0.2428i	0.7723+0.0607i	0.2166-0.1081i	-1.5235-0.9855i	-0.1863+0.7115i	0.0607+0.2936i
59.8	0.6794+0.2942i	0.3739-0.4991i	1.1221+0.2508i	0.7664+0.0731i	0.1849-0.0833i	-1.5302-0.9902i	-0.1427+0.7441i	0.1112+0.3159i
59.9	0.6816+0.2836i	0.3644-0.4963i	1.1049+0.2717i	0.7703+0.0983i	0.1371-0.0888i	-1.5173-0.9990i	-0.1220+0.7680i	0.1088+0.3575i
60.0	0.6639+0.2884i	0.3467-0.5173i	1.1297+0.2480i	0.7509+0.0900i	0.1509-0.1248i	-1.5407-1.0022i	-0.1247+0.7997i	0.1544+0.4138i
60.1	0.6767+0.2843i	0.3350-0.5164i	1.1385+0.2831i	0.7644+0.0886i	0.1915-0.1371i	-1.5633-1.0024i	-0.0746+0.7683i	0.1694+0.3689i
60.2	0.6766+0.2862i	0.3143-0.5453i	1.1354+0.2930i	0.7712+0.0874i	0.1921-0.1550i	-1.5699-1.0292i	-0.0353+0.7525i	0.1940+0.3496i
60.3	0.6666+0.2939i	0.3041-0.5682i	1.1437+0.3044i	0.7719+0.0952i	0.1719-0.1519i	-1.5619-1.0298i	-0.0131+0.7623i	0.1762+0.3328i
60.4	0.6653+0.2959i	0.2985-0.5903i	1.1541+0.3073i	0.7686+0.0934i	0.1819-0.1800i	-1.5582-1.0285i	-0.0101+0.8030i	0.2041+0.3815i
60.5	0.6721+0.3069i	0.2510-0.6319i	1.1670+0.3089i	0.7592+0.0883i	0.1742-0.2389i	-1.5830-1.0392i	0.0477+0.8543i	0.2887+0.4291i
60.6	0.6751+0.3176i	0.2044-0.6601i	1.1777+0.3260i	0.7586+0.0931i	0.1152-0.2498i	-1.6056-1.0585i	0.1381+0.8760i	0.3668+0.4485i
60.7	0.6841+0.3163i	0.1642-0.6505i	1.2109+0.3333i	0.7667+0.1037i	0.0610-0.2480i	-1.6565-1.0496i	0.1662+0.8713i	0.3961+0.4753i
60.8	0.7002+0.3026i	0.0891-0.6236i	1.2234+0.3428i	0.7601+0.1128i	-0.0150-0.2190i	-1.7030-1.0609i	0.2063+0.7901i	0.4281+0.4084i
60.9	0.7148+0.3030i	0.0359-0.6239i	1.2341+0.3355i	0.7590+0.1078i	-0.0725-0.2080i	-1.7218-1.0486i	0.2624+0.7590i	0.4974+0.3583i
61.0	0.7191+0.2996i	0.0237-0.6121i	1.2588+0.3260i	0.7697+0.1093i	-0.0698-0.1678i	-1.7383-1.0357i	0.2806+0.7612i	0.5344+0.3754i
61.1	0.7169+0.2815i	0.0006-0.5733i	1.2793+0.3263i	0.7805+0.1166i	-0.0625-0.1445i	-1.7620-1.0047i	0.2958+0.7137i	0.5354+0.3392i
61.2	0.7262+0.2713i	-0.0463-0.5263i	1.2932+0.3247i	0.7841+0.1170i	-0.1094-0.1197i	-1.7986-0.9847i	0.3163+0.6557i	0.5467+0.3063i
61.3	0.7206+0.2610i	-0.0567-0.5112i	1.2866+0.3282i	0.7844+0.1165i	-0.1131-0.0854i	-1.7849-1.0040i	0.3498+0.6165i	0.5791+0.2518i
61.4	0.7226+0.2596i	-0.0676-0.4892i	1.2937+0.3202i	0.7893+0.1220i	-0.1389-0.0540i	-1.7825-0.9718i	0.3844+0.5998i	0.6535+0.2153i
61.5	0.7216+0.2547i	-0.0716-0.4632i	1.3126+0.3257i	0.7968+0.1305i	-0.1295-0.0477i	-1.8220-0.9561i	0.3532+0.5585i	0.6383+0.1761i
61.6	0.7201+0.2488i	-0.0808-0.4321i	1.3093+0.3203i	0.7981+0.1419i	-0.0921-0.0343i	-1.8317-0.9434i	0.3389+0.5080i	0.6351+0.1130i
61.7	0.7150+0.2414i	-0.0787-0.4085i	1.3160+0.3207i	0.8076+0.1477i	-0.0702-0.0477i	-1.8383-0.9324i	0.3224+0.4788i	0.6267+0.0867i
61.8	0.7072+0.2382i	-0.0705-0.3915i	1.3421+0.3310i	0.8294+0.1575i	-0.1163-0.0322i	-1.8673-0.9121i	0.2745+0.4961i	0.5982+0.1360i
61.9	0.6977+0.2271i	-0.0716-0.3649i	1.3418+0.3391i	0.8391+0.1600i	-0.0741+0.0179i	-1.8932-0.9139i	0.2635+0.4491i	0.5734+0.0405i
62.0	0.6977+0.2256i	-0.0764-0.3546i	1.3366+0.3258i	0.8535+0.1532i	-0.0478+0.0345i	-1.8979-0.9061i	0.2806+0.4137i	0.5877-0.0365i
62.1	0.6892+0.2370i	-0.0728-0.3468i	1.3419+0.3287i	0.8623+0.1491i	-0.0411+0.0213i	-1.8985-0.8924i	0.2505+0.4243i	0.5689-0.0222i
62.2	0.6744+0.2386i	-0.0505-0.3276i	1.3686+0.3390i	0.8798+0.1475i	-0.0334+0.0008i	-1.8949-0.8484i	0.2284+0.4084i	0.5489-0.0418i
62.3	0.6770+0.2382i	-0.0655-0.3197i	1.3650+0.3365i	0.8818+0.1350i	-0.0288-0.0348i	-1.8991-0.8469i	0.2541+0.3746i	0.5667-0.1073i

62.4	0.6722+0.2356i	-0.0599-0.3257i	1.3710+0.3410i	0.8853+0.1294i	-0.0165-0.0527i	-1.9095-0.8462i	0.2223+0.3938i	0.5504-0.0740i
62.5	0.6660+0.2374i	-0.0497-0.3224i	1.3930+0.3492i	0.9036+0.1329i	-0.0060-0.0391i	-1.9392-0.8284i	0.1796+0.3976i	0.5042-0.0845i
62.6	0.6605+0.2395i	-0.0442-0.3149i	1.4094+0.3510i	0.9154+0.1187i	-0.0051-0.0142i	-1.9569-0.8212i	0.1601+0.3764i	0.4832-0.1112i
62.7	0.6544+0.2450i	-0.0339-0.3240i	1.4378+0.3468i	0.9330+0.0953i	-0.0417-0.0240i	-1.9666-0.8047i	0.1314+0.3921i	0.4870-0.0926i
62.8	0.6480+0.2521i	-0.0390-0.3157i	1.4429+0.3504i	0.9369+0.0916i	-0.0473-0.0280i	-1.9733-0.7932i	0.1323+0.3933i	0.4831-0.0946i
62.9	0.6397+0.2626i	-0.0406-0.3231i	1.4603+0.3535i	0.9374+0.0726i	-0.0278-0.0313i	-1.9878-0.7806i	0.1211+0.4225i	0.4979-0.0782i
63.0	0.6319+0.2730i	-0.0306-0.3188i	1.4876+0.3465i	0.9484+0.0601i	-0.0077-0.0516i	-2.0141-0.7734i	0.1023+0.4179i	0.4968-0.0961i
63.1	0.6258+0.2871i	-0.0349-0.3102i	1.4995+0.3561i	0.9548+0.0538i	-0.0323-0.0706i	-2.0456-0.7760i	0.0805+0.4028i	0.4810-0.1032i
63.2	0.6259+0.3039i	-0.0386-0.3055i	1.5106+0.3511i	0.9598+0.0341i	-0.0470-0.0868i	-2.0522-0.7474i	0.0571+0.4205i	0.4617-0.1080i
63.3	0.6197+0.3256i	-0.0348-0.3236i	1.5231+0.3343i	0.9593+0.0171i	-0.0298-0.0725i	-2.0535-0.7201i	0.0434+0.4485i	0.4234-0.0888i
63.4	0.6216+0.3398i	-0.0371-0.3293i	1.5349+0.3294i	0.9602+0.0068i	-0.0652-0.0622i	-2.0754-0.7136i	0.0370+0.4515i	0.4642-0.0920i
63.5	0.6323+0.3580i	-0.0439-0.3245i	1.5365+0.3164i	0.9521+0.0012i	-0.0688-0.0651i	-2.0764-0.6879i	0.0260+0.4536i	0.4410-0.0777i
63.6	0.6387+0.3768i	-0.0494-0.3291i	1.5343+0.3064i	0.9484-0.0119i	-0.0669-0.0452i	-2.0802-0.6681i	0.0248+0.4648i	0.4403-0.0933i
63.7	0.6463+0.3998i	-0.0545-0.3293i	1.5350+0.2996i	0.9481-0.0228i	-0.0609-0.0558i	-2.0846-0.6456i	0.0264+0.4800i	0.4771-0.1280i
63.8	0.6624+0.4145i	-0.0543-0.3331i	1.5458+0.3155i	0.9486-0.0318i	-0.0903-0.0951i	-2.1038-0.6387i	0.0097+0.4901i	0.4645-0.1446i
63.9	0.6784+0.4229i	-0.0564-0.3316i	1.5559+0.3210i	0.9373-0.0337i	-0.1293-0.0821i	-2.1097-0.6148i	-0.0191+0.5081i	0.4552-0.0779i
64.0	0.7002+0.4441i	-0.0643-0.3361i	1.5667+0.3126i	0.9304-0.0402i	-0.1537-0.0463i	-2.1082-0.5892i	-0.0239+0.5468i	0.4583-0.0557i
64.1	0.7291+0.4592i	-0.0784-0.3413i	1.5555+0.2878i	0.9214-0.0514i	-0.0975-0.0345i	-2.1046-0.5481i	-0.0092+0.5724i	0.4689-0.0946i
64.2	0.7572+0.4639i	-0.0981-0.3384i	1.5547+0.2941i	0.9062-0.0590i	-0.0862-0.0503i	-2.0937-0.5601i	0.0016+0.5997i	0.4672-0.1340i
64.3	0.7877+0.4605i	-0.1044-0.3249i	1.5640+0.2949i	0.9006-0.0521i	-0.1348-0.0374i	-2.0941-0.5315i	0.0145+0.5959i	0.5103-0.0952i
64.4	0.8193+0.4501i	-0.1109-0.3035i	1.5649+0.3103i	0.8934-0.0380i	-0.1681+0.0286i	-2.0913-0.5233i	0.0025+0.6036i	0.5341-0.1183i
64.5	0.8307+0.4426i	-0.1188-0.2995i	1.5643+0.3269i	0.8830-0.0257i	-0.1598+0.0304i	-2.1010-0.5411i	0.0146+0.6093i	0.5569-0.1143i
64.6	0.8578+0.4250i	-0.1231-0.2845i	1.5770+0.3427i	0.8808-0.0210i	-0.1592+0.0163i	-2.1083-0.5351i	0.0267+0.6189i	0.5677-0.1530i
64.7	0.8653+0.4078i	-0.1236-0.2756i	1.5948+0.3477i	0.8822-0.0116i	-0.1693+0.0165i	-2.1154-0.5310i	0.0304+0.6328i	0.5658-0.2198i
64.8	0.8698+0.4062i	-0.1191-0.2638i	1.6004+0.3623i	0.8862+0.0034i	-0.1413+0.0269i	-2.1069-0.5308i	0.0216+0.6179i	0.5669-0.2345i
64.9	0.8851+0.3935i	-0.1215-0.2569i	1.6048+0.3880i	0.8900+0.0055i	-0.1148+0.0269i	-2.1051-0.5387i	-0.0002+0.6176i	0.5975-0.2298i
65.0	0.8827+0.3871i	-0.1107-0.2579i	1.6265+0.3917i	0.9075+0.0030i	-0.1272+0.0171i	-2.1229-0.5176i	-0.0259+0.6724i	0.5902-0.3226i
65.1	0.8841+0.3828i	-0.1056-0.2455i	1.6479+0.4080i	0.9142+0.0159i	-0.1423+0.0289i	-2.1359-0.5008i	-0.0222+0.7007i	0.5318-0.3512i
65.2	0.8959+0.3674i	-0.0999-0.2340i	1.6678+0.4344i	0.9259+0.0297i	-0.1530+0.0288i	-2.1410-0.5132i	-0.0105+0.6975i	0.4948-0.3277i
65.3	0.8885+0.3700i	-0.0930-0.2417i	1.6935+0.4395i	0.9361+0.0225i	-0.1809+0.0469i	-2.1705-0.5131i	-0.0208+0.7291i	0.4829-0.3208i
65.4	0.9002+0.3743i	-0.0913-0.2355i	1.7115+0.4503i	0.9506+0.0308i	-0.1882+0.0682i	-2.1783-0.5234i	-0.0149+0.7515i	0.4593-0.3236i
65.5	0.9121+0.3882i	-0.0880-0.2421i	1.7324+0.4395i	0.9684+0.0256i	-0.1853+0.0415i	-2.1880-0.5095i	-0.0340+0.7887i	0.4783-0.3244i
65.6	0.9091+0.3906i	-0.0794-0.2517i	1.7531+0.4438i	0.9854+0.0124i	-0.1900+0.0751i	-2.2122-0.4785i	-0.0602+0.8695i	0.5083-0.3346i
65.7	0.9198+0.3839i	-0.0834-0.2559i	1.7918+0.4776i	0.9973+0.0093i	-0.1878+0.0932i	-2.2411-0.4848i	-0.0230+0.9178i	0.5038-0.3458i
65.8	0.9340+0.3859i	-0.0855-0.2568i	1.8210+0.4639i	1.0027-0.0029i	-0.2042+0.0730i	-2.2557-0.4550i	0.0167+0.9469i	0.5054-0.3851i
65.9	0.9509+0.3699i	-0.1020-0.2588i	1.8452+0.4601i	1.0041-0.0236i	-0.2093+0.0688i	-2.2610-0.4406i	0.0806+0.9854i	0.5018-0.4197i
66.0	0.9624+0.3690i	-0.1029-0.2614i	1.8621+0.4728i	1.0048-0.0272i	-0.2145+0.0571i	-2.2725-0.4499i	0.1220+0.9908i	0.4591-0.4216i
66.1	0.9855+0.3758i	-0.1036-0.2607i	1.9044+0.4513i	1.0166-0.0300i	-0.2594+0.0354i	-2.3080-0.4226i	0.1928+1.0015i	0.3874-0.4385i
66.2	0.9933+0.3747i	-0.1139-0.2529i	1.9484+0.4525i	1.0254-0.0338i	-0.2536+0.0760i	-2.3226-0.4155i	0.2289+1.0025i	0.4220-0.4792i
66.3	0.9908+0.3652i	-0.1148-0.2595i	1.9671+0.4411i	1.0245-0.0444i	-0.2400+0.1103i	-2.3232-0.3917i	0.2481+0.9913i	0.4110-0.4544i
66.4	0.9996+0.3725i	-0.1221-0.2593i	1.9593+0.4255i	1.0227-0.0430i	-0.2271+0.1467i	-2.3163-0.3747i	0.2825+0.9729i	0.3835-0.4625i
66.5	1.0173+0.3681i	-0.1230-0.2515i	1.9884+0.4031i	1.0325-0.0541i	-0.2499+0.1605i	-2.3313-0.3491i	0.3026+1.0052i	0.3761-0.4700i
66.6	1.0199+0.3699i	-0.1195-0.2457i	2.0050+0.3989i	1.0329-0.0539i	-0.2235+0.1715i	-2.3355-0.3320i	0.3231+0.9951i	0.3469-0.4678i
66.7	1.0305+0.3646i	-0.1208-0.2390i	2.0186+0.3919i	1.0339-0.0487i	-0.2315+0.1560i	-2.3388-0.2987i	0.3411+0.9642i	0.3321-0.4649i
66.8	1.0345+0.3499i	-0.1292-0.2413i	2.0353+0.3891i	1.0341-0.0554i	-0.2353+0.1477i	-2.3540-0.2991i	0.3787+0.9621i	0.2928-0.4698i
66.9	1.0442+0.3594i	-0.1259-0.2375i	2.0451+0.3743i	1.0489-0.0602i	-0.2797+0.1554i	-2.3584-0.2836i	0.3836+1.0041i	0.2963-0.5026i
67.0	1.0548+0.3722i	-0.1250-0.2354i	2.0775+0.3646i	1.0534-0.0577i	-0.3111+0.1921i	-2.3722-0.2727i	0.3934+0.9665i	0.2990-0.4647i
67.1	1.0693+0.3593i	-0.1257-0.2350i	2.0803+0.3634i	1.0631-0.0683i	-0.2791+0.2428i	-2.3749-0.2587i	0.3758+0.9830i	0.3145-0.4864i
67.2	1.0818+0.3544i	-0.1295-0.2291i	2.0861+0.3562i	1.0672-0.0667i	-0.2875+0.2438i	-2.3673-0.2290i	0.3751+0.9816i	0.3159-0.4856i
67.3	1.0914+0.3620i	-0.1275-0.2285i	2.1165+0.3260i	1.0719-0.0741i	-0.3289+0.2939i	-2.3943-0.1936i	0.4317+0.9908i	0.2773-0.4862i
67.4	1.0984+0.3721i	-0.1322-0.2252i	2.1362+0.3143i	1.0759-0.0752i	-0.3097+0.3374i	-2.4050-0.1898i	0.4517+1.0051i	0.2754-0.4922i
67.5	1.1138+0.3795i	-0.1344-0.2228i	2.1684+0.3313i	1.0920-0.0719i	-0.3000+0.3457i	-2.4141-0.2048i	0.4820+1.0086i	0.2693-0.4979i
67.6	1.1344+0.3788i	-0.1303-0.2211i	2.1766+0.3220i	1.0990-0.0729i	-0.2786+0.3581i	-2.4134-0.1913i	0.4940+0.9966i	0.2558-0.4803i
67.7	1.1547+0.3810i	-0.1355-0.2260i	2.1896+0.3166i	1.1124-0.0759i	-0.2670+0.3845i	-2.4301-0.1796i	0.4824+0.9972i	0.2740-0.4700i
67.8	1.1725+0.3795i	-0.1376-0.2223i	2.2189+0.2999i	1.1233-0.0894i	-0.2272+0.4047i	-2.4481-0.1644i	0.4972+1.0332i	0.2680-0.4988i
67.9	1.2022+0.3774i	-0.1409-0.2152i	2.2287+0.2849i	1.1274-0.1016i	-0.2286+0.4123i	-2.4397-0.1410i	0.4894+1.0704i	0.3253-0.5335i
68.0	1.2085+0.3784i	-0.1339-0.2088i	2.2520+0.2881i	1.1309-0.1088i	-0.1969+0.4053i	-2.4513-0.1414i	0.5097+1.1216i	0.3473-0.5799i
68.1	1.2229+0.3544i	-0.1357-0.2080i	2.2596+0.2496i	1.1297-0.1253i	-0.2074+0.4210i	-2.4489-0.1014i	0.5605+1.1122i	0.3465-0.5842i
68.2	1.2447+0.3446i	-0.1371-0.2039i	2.2732+0.2476i	1.1267-0.1241i	-0.1788+0.4357i	-2.4676-0.1046i	0.6573+1.1084i	0.2809-0.6121i
68.3	1.2865+0.3572i	-0.1330-0.1944i	2.2626+0.2769i	1.1437-0.1018i	-0.1748+0.4681i	-2.4638-0.1339i	0.7073+1.1364i	0.2580-0.6392i
68.4	1.2861+0.3379i	-0.1292-0.1937i	2.2609+0.2526i	1.1408-0.1130i	-0.1560+0.4501i	-2.4679-0.0989i	0.7228+1.1072i	0.2404-0.6239i
68.5	1.2921+0.3195i	-0.1276-0.1950i	2.3104+0.2299i	1.1337-0.1169i	-0.1524+0.4356i	-2.5144-0.0780i	0.7824+1.0246i	0.1944-0.6075i
68.6	1.3150+0.2928i	-0.1272-0.1891i	2.3219+0.2207i	1.1499-0.1147i	-0.1019+0.4468i	-2.5025-0.0820i	0.7977+0.9780i	0.1866-0.6065i

68.7	1.3338+0.2817i	-0.1311-0.1852i	2.3283+0.2076i	1.1624-0.0987i	-0.0833+0.4676i	-2.5013-0.0735i	0.7775+0.9429i	0.1848-0.6038i
68.8	1.3445+0.2869i	-0.1247-0.1900i	2.3562+0.1889i	1.1782-0.0848i	-0.0939+0.5238i	-2.5550-0.0532i	0.8472+0.9360i	0.1159-0.6215i
68.9	1.3468+0.2865i	-0.1170-0.1857i	2.3495+0.1873i	1.1907-0.0749i	-0.1031+0.5382i	-2.5672-0.0307i	0.8548+0.9318i	0.0940-0.6122i
69.0	1.3535+0.2686i	-0.1051-0.1780i	2.3712+0.1765i	1.2141-0.0795i	-0.1024+0.5051i	-2.5970-0.0145i	0.8319+0.9052i	0.0801-0.5953i
69.1	1.3449+0.2731i	-0.0980-0.1814i	2.4066+0.1381i	1.2331-0.0992i	-0.0827+0.5149i	-2.6313+0.0255i	0.8081+0.9070i	0.1182-0.5899i
69.2	1.3651+0.2927i	-0.0960-0.1884i	2.3947+0.1326i	1.2643-0.0874i	-0.0372+0.5140i	-2.6178+0.0584i	0.7879+0.9073i	0.1312-0.5942i
69.3	1.3778+0.2990i	-0.0890-0.1911i	2.3597+0.1202i	1.2767-0.0902i	-0.0492+0.5159i	-2.5972+0.0887i	0.7925+0.9610i	0.1347-0.6152i
69.4	1.3760+0.2768i	-0.0824-0.1944i	2.3679+0.0992i	1.2848-0.1305i	-0.0450+0.5267i	-2.6102+0.1126i	0.8340+1.0205i	0.1116-0.6548i
69.5	1.4081+0.2800i	-0.0808-0.2018i	2.4111+0.0959i	1.3321-0.1568i	-0.0126+0.4976i	-2.6596+0.1094i	0.8568+1.1138i	0.1174-0.7187i
69.6	1.4215+0.2996i	-0.0801-0.2006i	2.4112+0.1112i	1.3558-0.1614i	0.0462+0.4800i	-2.6610+0.0921i	0.9108+1.1775i	0.1097-0.7506i
69.7	1.4498+0.3050i	-0.0653-0.2177i	2.3978+0.1098i	1.3782-0.1740i	-0.0096+0.5016i	-2.6665+0.1118i	1.0600+1.1571i	-0.0104-0.7413i
69.8	1.4891+0.3088i	-0.0589-0.2299i	2.4053+0.1113i	1.3938-0.1986i	-0.0364+0.5195i	-2.7002+0.1219i	1.1878+1.1453i	-0.0950-0.7268i
69.9	1.5250+0.3198i	-0.0674-0.2399i	2.3955+0.1042i	1.4122-0.2220i	-0.0407+0.5553i	-2.6930+0.1454i	1.2867+1.0502i	-0.1376-0.6785i
70.0	1.5494+0.3500i	-0.0643-0.2563i	2.4147+0.0967i	1.4181-0.2336i	-0.0495+0.5499i	-2.7156+0.1849i	1.3743+1.0402i	-0.1260-0.6886i
70.1	1.5975+0.3633i	-0.0703-0.2757i	2.4117+0.0769i	1.4207-0.2578i	-0.0490+0.5896i	-2.7258+0.2238i	1.4353+0.9128i	-0.1323-0.6329i
70.2	1.6463+0.3786i	-0.0774-0.2925i	2.3787+0.0970i	1.4147-0.2700i	-0.0334+0.6508i	-2.7107+0.2033i	1.5114+0.7505i	-0.1720-0.5817i
70.3	1.6967+0.3881i	-0.0988-0.3163i	2.3912+0.0715i	1.4184-0.3009i	-0.0116+0.6603i	-2.7156+0.2278i	1.5041+0.6511i	-0.1350-0.5494i
70.4	1.7868+0.3849i	-0.1212-0.3368i	2.3981+0.0556i	1.4238-0.3346i	0.0383+0.6872i	-2.7479+0.2691i	1.4505+0.5288i	-0.1027-0.5394i
70.5	1.8621+0.3643i	-0.1488-0.3418i	2.3950+0.0775i	1.3995-0.3588i	0.0943+0.7087i	-2.7666+0.2760i	1.3694+0.4694i	-0.0585-0.5320i
70.6	1.9494+0.3562i	-0.1870-0.3458i	2.3705+0.0776i	1.3862-0.3485i	0.1349+0.7164i	-2.7514+0.2977i	1.3163+0.3442i	-0.0434-0.5018i
70.7	2.0171+0.3590i	-0.2043-0.3427i	2.3550+0.0515i	1.3599-0.3283i	0.1435+0.7090i	-2.7655+0.3229i	1.3417+0.2796i	-0.0801-0.5306i
70.8	2.1838+0.2960i	-0.2357-0.3387i	2.3410+0.0870i	1.3895-0.2654i	0.1313+0.7407i	-2.7906+0.2884i	1.2302+0.2227i	-0.0636-0.5780i
70.9	2.2835+0.2059i	-0.2537-0.3257i	2.3943+0.1311i	1.4345-0.2841i	0.2061+0.7491i	-2.8857+0.3144i	1.1741+0.2553i	-0.0574-0.6080i
71.0	2.3250+0.0935i	-0.2642-0.3134i	2.3768+0.1229i	1.4453-0.2964i	0.2363+0.7335i	-2.8844+0.3791i	1.1861+0.2603i	-0.1016-0.6309i
71.1	2.3596-0.0099i	-0.2688-0.2962i	2.3412+0.1675i	1.4816-0.2790i	0.2503+0.7735i	-2.8686+0.3950i	1.1046+0.2089i	-0.1052-0.6078i
71.2	2.4410-0.0856i	-0.2807-0.2922i	2.3759+0.1845i	1.5600-0.2724i	0.2300+0.8239i	-2.9378+0.4249i	1.0166+0.1910i	-0.0876-0.6297i
71.3	2.4697-0.1587i	-0.2822-0.2889i	2.3397+0.2035i	1.6135-0.2736i	0.2242+0.8602i	-2.9178+0.4351i	0.9066+0.2126i	-0.0732-0.6449i
71.4	2.4839-0.2532i	-0.2991-0.2831i	2.3268+0.2273i	1.6484-0.2962i	0.2498+0.8573i	-2.9070+0.4640i	0.7676+0.1725i	-0.0304-0.6028i
71.5	2.5094-0.3550i	-0.3198-0.2890i	2.3137+0.2620i	1.6910-0.3401i	0.3055+0.8801i	-2.8929+0.4947i	0.6654+0.3075i	0.0059-0.6673i
71.6	2.5165-0.4561i	-0.3355-0.2830i	2.3060+0.2932i	1.7173-0.3934i	0.3974+0.9106i	-2.8980+0.5151i	0.6175+0.4444i	0.0235-0.7378i
71.7	2.5053-0.5671i	-0.3619-0.2696i	2.2745+0.3427i	1.7382-0.4594i	0.4912+0.9305i	-2.8787+0.5226i	0.5645+0.5447i	-0.0061-0.7814i
71.8	2.5444-0.6128i	-0.3918-0.2647i	2.2208+0.4524i	1.7767-0.4680i	0.5650+0.9613i	-2.8645+0.4736i	0.4258+0.6638i	0.0074-0.8485i
71.9	2.5158-0.7487i	-0.4111-0.2547i	2.3040+0.4853i	1.7891-0.5520i	0.6633+0.9516i	-2.9294+0.5321i	0.4892+0.7273i	-0.0999-0.8627i
72.0	2.5107-0.8809i	-0.4482-0.2275i	2.3708+0.5404i	1.7940-0.6294i	0.7599+0.8903i	-2.9968+0.5677i	0.5518+0.8782i	-0.1661-0.9338i
72.1	2.4476-0.9428i	-0.4475-0.1950i	2.4115+0.5812i	1.7539-0.6580i	0.8064+0.7929i	-3.0002+0.5827i	0.7000+1.0509i	-0.2419-0.9956i
72.2	2.4887-1.0127i	-0.4828-0.1773i	2.3259+0.6873i	1.7780-0.6778i	0.9047+0.8184i	-2.9887+0.5308i	0.6813+1.1197i	-0.3340-1.0396i
72.3	2.4849-1.1189i	-0.5313-0.1547i	2.2393+0.7887i	1.7915-0.7148i	1.0440+0.8257i	-2.9559+0.5115i	0.6980+1.1695i	-0.4206-0.9938i
72.4	2.4242-1.2142i	-0.5306-0.1088i	2.3841+0.8866i	1.7799-0.7694i	1.0473+0.7025i	-3.0843+0.5143i	0.9161+1.4026i	-0.5030-1.0806i
72.5	2.3852-1.3654i	-0.5351-0.0538i	2.5046+1.0237i	1.7669-0.8461i	1.1465+0.5862i	-3.1787+0.5621i	1.1793+1.4874i	-0.6696-1.0664i
72.6	2.3558-1.3909i	-0.5395-0.0259i	2.5544+1.0985i	1.7659-0.8340i	1.1277+0.4762i	-3.2213+0.5872i	1.3402+1.4924i	-0.7594-1.0085i
72.7	2.2924-1.4751i	-0.5474+0.0323i	2.6115+1.1667i	1.7415-0.8708i	1.1852+0.3731i	-3.2613+0.6193i	1.4373+1.5399i	-0.8123-0.9787i
72.8	2.2217-1.5953i	-0.5550+0.0838i	2.7139+1.2820i	1.7215-0.9184i	1.2301+0.2755i	-3.3351+0.6497i	1.6076+1.5222i	-0.9033-0.9101i
72.9	2.2004-1.6834i	-0.5570+0.1309i	2.8094+1.3485i	1.7371-0.9492i	1.2330+0.2131i	-3.4079+0.7076i	1.9005+1.5061i	-1.0242-0.8722i
73.0	2.1303-1.7048i	-0.5313+0.1631i	2.9257+1.3839i	1.7305-0.9528i	1.2137+0.0982i	-3.4570+0.7764i	2.0910+1.4578i	-1.0894-0.8047i
73.1	2.0469-1.8292i	-0.5103+0.2327i	3.0860+1.5566i	1.7178-1.0043i	1.2615-0.0545i	-3.5573+0.8097i	2.1880+1.3547i	-1.1783-0.6461i
73.2	1.9942-1.9231i	-0.5059+0.2951i	3.2046+1.6977i	1.7320-1.0308i	1.2171-0.1039i	-3.6297+0.8153i	2.3498+1.2908i	-1.2212-0.5758i
73.3	1.9367-1.9509i	-0.4598+0.3241i	3.3826+1.6917i	1.7483-1.0480i	1.1507-0.1601i	-3.7165+0.9210i	2.5480+1.1667i	-1.2578-0.5120i
73.4	1.8509-1.9759i	-0.4144+0.3458i	3.5710+1.7141i	1.7385-1.0830i	1.1196-0.2335i	-3.7638+1.0174i	2.6532+0.9725i	-1.2725-0.3855i
73.5	1.7520-2.0575i	-0.3781+0.3799i	3.6990+1.7368i	1.7176-1.1143i	1.0373-0.2914i	-3.7713+1.1580i	2.7057+0.7121i	-1.2810-0.2064i
73.6	1.6713-2.0914i	-0.3466+0.3900i	3.8824+1.6878i	1.6978-1.1244i	0.9548-0.3398i	-3.8131+1.2821i	2.7335+0.3474i	-1.2791-0.0228i
73.7	1.5859-2.1762i	-0.3130+0.4273i	4.0529+1.7505i	1.6944-1.1621i	0.9344-0.3348i	-3.8074+1.3726i	2.6942+0.1240i	-1.2282+0.1194i
73.8	1.4710-2.1794i	-0.2690+0.4403i	4.2648+1.7955i	1.7031-1.1792i	0.8793-0.3906i	-3.8461+1.4459i	2.5954+0.0012i	-1.1519+0.2042i
73.9	1.3721-2.2186i	-0.2176+0.4729i	4.4116+1.8657i	1.7093-1.1807i	0.8714-0.4192i	-3.8986+1.4361i	2.5425-0.0448i	-1.1174+0.2339i
74.0	1.2665-2.2016i	-0.1723+0.4887i	4.5659+1.7811i	1.7044-1.1996i	0.8070-0.5289i	-3.8915+1.5383i	2.4961-0.1123i	-1.0236+0.2693i
74.1	1.0999-2.2005i	-0.0973+0.4977i	4.8638+1.6200i	1.6687-1.2716i	0.7075-0.5323i	-3.9169+1.7249i	2.4401-0.1657i	-0.9389+0.3251i
74.2	0.9906-2.2115i	-0.0428+0.5251i	5.0537+1.7124i	1.6943-1.2826i	0.6210-0.5136i	-3.9589+1.7569i	2.4070-0.1513i	-0.8811+0.3873i
74.3	0.9428-2.1910i	0.0037+0.5176i	5.2113+1.6180i	1.7237-1.3187i	0.5619-0.5397i	-3.9785+1.8600i	2.3636-0.2414i	-0.8220+0.4116i
74.4	0.8945-2.1809i	0.0443+0.5418i	5.3685+1.7665i	1.7696-1.3057i	0.4683-0.6077i	-4.0598+1.8203i	2.3853-0.1889i	-0.7821+0.4117i
74.5	0.8135-2.1151i	0.0958+0.4953i	5.4862+1.5237i	1.7468-1.3796i	0.4367-0.5743i	-4.0659+2.0399i	2.3988-0.2891i	-0.7553+0.3998i
74.6	0.7575-2.1166i	0.1315+0.4961i	5.5859+1.5390i	1.7439-1.4068i	0.4465-0.5809i	-4.0635+2.1149i	2.3746-0.3396i	-0.7461+0.4476i
74.7	0.7407-2.0484i	0.1564+0.4905i	5.6356+1.5453i	1.7381-1.3866i	0.4508-0.5371i	-4.0527+2.1190i	2.3586-0.3856i	-0.7066+0.4450i
74.8	0.6726-2.0686i	0.2288+0.4763i	6.1162+1.3978i	1.7837-1.4928i	0.3242-0.5439i	-4.2541+2.3905i	2.4677-0.4996i	-0.6472+0.4946i
74.9	0.5873-2.0362i	0.2851+0.4419i	6.3194+1.2075i	1.7862-1.5561i	0.2657-0.5283i	-4.2316+2.6126i	2.4547-0.5749i	-0.5766+0.4779i

75.0	0.5254-1.9899i	0.3220+0.4164i	6.4469+1.1088i	1.7543-1.6265i	0.2558-0.5149i	-4.1586+2.7142i	2.4113-0.7153i	-0.5787+0.4855i
75.1	0.5307-1.9399i	0.3370+0.3733i	6.5758+0.9293i	1.7311-1.6945i	0.2387-0.4877i	-4.1561+2.8933i	2.3546-0.8043i	-0.5809+0.5186i
75.2	0.5113-1.9376i	0.3811+0.3611i	6.8763+0.9392i	1.7650-1.7511i	0.1812-0.4449i	-4.2474+3.0328i	2.3744-0.8797i	-0.5458+0.5423i
75.3	0.4653-1.8577i	0.4102+0.3201i	6.9955+0.7287i	1.6957-1.7551i	0.1508-0.4007i	-4.1894+3.1310i	2.3175-0.9271i	-0.5096+0.5667i
75.4	0.3958-1.7958i	0.4566+0.2701i	7.1946+0.5323i	1.6658-1.8051i	0.0970-0.3514i	-4.1733+3.3115i	2.2667-1.0107i	-0.4470+0.5873i
75.5	0.3716-1.7659i	0.4746+0.2275i	7.2278+0.2280i	1.5975-1.8477i	0.0789-0.3342i	-4.0343+3.5347i	2.1937-1.1571i	-0.3963+0.5916i
75.6	0.3685-1.7344i	0.4907+0.1993i	7.4261+0.1292i	1.5864-1.8832i	0.0721-0.3345i	-4.0291+3.6629i	2.1680-1.1635i	-0.3557+0.6017i
75.7	0.3823-1.7667i	0.5190+0.1762i	7.7711+0.0608i	1.6250-1.9855i	0.0997-0.2796i	-4.0569+3.9339i	2.1837-1.2002i	-0.3527+0.5911i
75.8	0.3649-1.7362i	0.5194+0.1411i	7.7001-0.1938i	1.5572-2.0232i	0.1310-0.3193i	-3.8691+4.1342i	2.0773-1.3547i	-0.3354+0.6073i
75.9	0.3323-1.7628i	0.5424+0.1195i	8.0083-0.3403i	1.5375-2.1234i	0.1388-0.2911i	-3.7931+4.3779i	2.0428-1.4642i	-0.3017+0.6255i
76.0	0.3413-1.6945i	0.5321+0.0551i	7.9738-0.7568i	1.4365-2.1383i	0.1343-0.2160i	-3.5688+4.5597i	1.9388-1.5083i	-0.2812+0.6206i
76.1	0.3532-1.6957i	0.5491+0.0414i	8.1661-0.8001i	1.4342-2.1667i	0.1211-0.1666i	-3.5546+4.6961i	1.8507-1.5762i	-0.2389+0.6842i
76.2	0.2706-1.7028i	0.5707-0.0341i	8.2686-1.4423i	1.2984-2.2883i	0.1028-0.1569i	-3.2052+5.1481i	1.7159-1.7391i	-0.1553+0.7217i
76.3	0.2739-1.6761i	0.5602-0.0826i	8.3659-1.7641i	1.2266-2.3192i	0.0721-0.1377i	-3.0205+5.3027i	1.6645-1.7822i	-0.1360+0.7316i
76.4	0.2771-1.6761i	0.5487-0.1133i	8.4687-2.0462i	1.1494-2.3510i	0.0869-0.1389i	-2.8063+5.4413i	1.5633-1.8219i	-0.0968+0.7347i
76.5	0.2485-1.6990i	0.5617-0.1299i	8.5175-2.2785i	1.0908-2.3673i	0.1065-0.1577i	-2.5984+5.5674i	1.4479-1.8855i	-0.0592+0.7751i
76.6	0.2184-1.7301i	0.5600-0.1330i	8.5199-2.4664i	1.0291-2.3706i	0.1402-0.1886i	-2.2802+5.6066i	1.2893-1.8896i	-0.0023+0.8199i
76.7	0.2097-1.7564i	0.5561-0.1584i	8.6238-2.5418i	0.9959-2.4003i	0.1462-0.1901i	-2.0177+5.7612i	1.1691-1.9015i	0.0392+0.8313i
76.8	0.1490-1.7295i	0.5931-0.2178i	8.9766-3.0780i	0.9154-2.4510i	0.1245-0.1881i	-1.8487+5.9167i	1.0535-1.9331i	0.1664+0.8815i
76.9	0.1328-1.7528i	0.5803-0.2410i	8.8875-3.3932i	0.8505-2.4324i	0.1219-0.1355i	-1.5385+5.9768i	0.9059-1.9092i	0.2609+0.8982i
77.0	0.0832-1.7582i	0.5668-0.2557i	8.8261-3.6277i	0.7813-2.4146i	0.1056-0.1544i	-1.1522+5.9733i	0.7162-1.8337i	0.3604+0.9177i
77.1	0.0049-1.6973i	0.5622-0.2950i	8.7459-4.3153i	0.6391-2.3588i	0.0908-0.2358i	-0.7983+5.8308i	0.5669-1.6998i	0.5012+0.9127i
77.2	-0.0404-1.7396i	0.5509-0.3013i	8.9118-4.4989i	0.5824-2.3381i	0.0970-0.2406i	-0.4031+5.7378i	0.5008-1.5348i	0.5839+0.8868i
77.3	-0.0329-1.6780i	0.5371-0.3295i	8.4579-4.8801i	0.5692-2.2391i	0.0644-0.2683i	-0.2834+5.4950i	0.5264-1.3953i	0.7029+0.7901i
77.4	-0.0894-1.6752i	0.5362-0.3965i	8.3133-5.0733i	0.5159-2.2929i	0.0400-0.2388i	-0.0855+5.6362i	0.4472-1.3754i	0.8571+0.6732i
77.5	-0.0941-1.6654i	0.4915-0.4293i	8.1680-5.2173i	0.4650-2.2344i	0.0500-0.1538i	0.2708+5.6400i	0.4265-1.2050i	0.9484+0.5159i
77.6	-0.1345-1.6042i	0.4864-0.4424i	7.9358-5.5437i	0.4477-2.1152i	0.0279-0.1812i	0.4990+5.3830i	0.4971-1.0370i	1.0087+0.3644i
77.7	-0.1517-1.5871i	0.4776-0.4426i	7.8302-5.5990i	0.4740-2.0720i	0.0201-0.2146i	0.7449+5.2309i	0.5814-0.9466i	1.0206+0.2119i
77.8	-0.1587-1.5065i	0.4300-0.4914i	7.3299-6.3396i	0.4250-2.0230i	0.0030-0.2376i	1.0211+4.9212i	0.7149-0.8898i	1.0024-0.0017i
77.9	-0.1403-1.5157i	0.3855-0.5029i	7.0418-6.4974i	0.4641-2.0014i	-0.0845-0.1756i	1.2027+4.7282i	0.8420-0.8879i	0.8979-0.1316i
78.0	-0.1486-1.5111i	0.3378-0.5204i	6.7344-6.8497i	0.4670-2.0106i	-0.0386-0.1420i	1.4516+4.4118i	0.9387-0.9578i	0.7615-0.2588i
78.1	-0.1729-1.5205i	0.3125-0.5099i	6.3124-6.8944i	0.4809-2.0028i	-0.0102-0.1650i	1.5404+4.1254i	0.9982-1.0383i	0.6432-0.3076i
78.2	-0.2020-1.5230i	0.3482-0.5213i	6.1751-7.0319i	0.5489-2.0140i	-0.0703-0.1625i	1.4465+4.0076i	1.0651-1.1150i	0.6287-0.3214i
78.3	-0.1932-1.5360i	0.3260-0.5127i	5.8424-6.9445i	0.5834-2.0142i	-0.0851-0.1337i	1.4884+3.7967i	1.0785-1.2185i	0.5523-0.3497i
78.4	-0.2045-1.5453i	0.3499-0.5311i	5.6781-7.1138i	0.6251-2.0413i	-0.1107-0.1152i	1.3268+3.6945i	1.1266-1.2917i	0.5588-0.3860i
78.5	-0.2758-1.5024i	0.3770-0.5912i	5.5961-7.6075i	0.6219-2.1009i	-0.1464-0.1020i	1.2039+3.5934i	1.1307-1.3456i	0.5722-0.4364i
78.6	-0.3187-1.6023i	0.3716-0.5787i	5.4470-7.3224i	0.6750-2.1939i	-0.1444-0.1151i	1.3505+3.5767i	1.0198-1.5000i	0.4891-0.4135i
78.7	-0.2974-1.6845i	0.3540-0.5961i	5.1298-7.3273i	0.7327-2.2736i	-0.1436-0.0969i	1.4474+3.7131i	0.9951-1.6482i	0.4181-0.4305i
78.8	-0.3040-1.8092i	0.3568-0.6493i	4.9389-7.2120i	0.8048-2.4073i	-0.1580-0.0679i	1.6498+4.1623i	1.0059-1.8056i	0.4207-0.4958i
78.9	-0.5174-2.1038i	0.3460-0.6093i	4.7533-7.0512i	0.7352-2.6563i	-0.2200-0.0702i	2.2703+4.1349i	0.8128-1.9771i	0.3896-0.4144i
79.0	-1.1086-1.9628i	0.4367-0.6823i	4.8643-7.5476i	0.3887-2.8238i	-0.3217+0.0156i	2.7260+3.2963i	0.4877-1.9300i	0.4698-0.4474i
79.1	-1.2679-1.4922i	0.4555-0.7641i	4.6857-7.7213i	0.2075-2.6374i	-0.3219+0.1096i	2.1947+2.5323i	0.4513-1.7181i	0.5077-0.5169i
79.2	-1.1962-1.3070i	0.4177-0.8319i	4.4834-7.8849i	0.2136-2.6003i	-0.2877+0.1662i	1.8342+2.4026i	0.4506-1.7043i	0.4670-0.5537i
79.3	-1.0724-1.2414i	0.3564-0.9139i	4.1298-7.8657i	0.2638-2.6446i	-0.2901+0.2035i	1.7718+2.7780i	0.4249-1.7860i	0.3840-0.6198i
79.4	-1.1239-1.1511i	0.3150-0.9323i	3.8476-8.0023i	0.1128-2.6604i	-0.2744+0.2622i	1.5436+2.5550i	0.3735-1.7380i	0.3748-0.6101i
79.5	-1.2292-1.0876i	0.2497-0.9913i	3.8464-8.3834i	-0.0138-2.8072i	-0.1936+0.3883i	1.7977+2.1934i	0.2213-1.6969i	0.3391-0.6705i
79.6	-1.2500-1.0745i	0.1987-0.9687i	3.6678-7.8515i	-0.0644-2.7771i	-0.1446+0.3845i	2.1755+2.1497i	0.0574-1.6524i	0.3136-0.6415i
79.7	-1.3050-0.8889i	0.1415-1.0151i	3.1783-8.1744i	-0.2503-2.7727i	-0.1180+0.3877i	1.9269+2.1267i	-0.0040-1.6518i	0.2368-0.6718i
79.8	-1.3529-0.7575i	0.0938-1.0608i	3.0224-8.3787i	-0.3560-2.8111i	-0.0768+0.4021i	1.8869+1.9805i	-0.0500-1.5927i	0.2316-0.7411i
79.9	-1.4029-0.5729i	0.0757-1.0727i	3.3034-8.3730i	-0.4731-2.7739i	-0.0726+0.4048i	1.8311+1.5984i	-0.0733-1.4065i	0.2258-0.7751i
80.0	-1.4035-0.4626i	0.0258-1.0604i	2.8375-8.3775i	-0.6156-2.6939i	-0.0142+0.4194i	1.6538+1.4980i	-0.0971-1.3635i	0.1729-0.7919i

2.1.54 Run 5 – VTC – Accels 41–47

Vertical shaking on center. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	19.8115+0.0000i	11.7593+0.0000i	-9.1675+0.0000i	7.1525+0.0000i	10.1000+0.0000i	8.1341+0.0000i	5.3339+0.0000i
0.1	3.2238-1.0737i	1.3454-1.0751i	-1.6807+0.5287i	1.0745-0.2736i	1.4792-0.5599i	-4.8123-6.3061i	1.1609-0.2651i
0.2	0.0071-0.0155i	0.2262+0.0678i	0.2571-0.1173i	-0.0636+0.0251i	-0.2421-0.1735i	2.3710-2.3071i	0.2217-0.1357i
0.3	0.0638+0.0107i	0.0818+0.2306i	0.1091+0.0378i	-0.0030-0.0381i	-0.0809-0.0459i	0.2917+0.2632i	0.0621-0.0804i
0.4	0.0117-0.0276i	-0.0378+0.0043i	0.0099+0.0193i	0.0025-0.0165i	-0.0073+0.0115i	-0.0097+0.0389i	-0.0038-0.0399i
0.5	0.0208+0.0024i	-0.0015-0.0074i	0.0149+0.0274i	0.0007-0.0012i	0.0145+0.0066i	-0.0550+0.0423i	0.0087-0.0367i
0.6	0.0050+0.0041i	-0.0028+0.0020i	0.0086+0.0167i	-0.0021+0.0030i	-0.0026+0.0060i	-0.0092+0.0189i	0.0103-0.0164i
0.7	0.0056+0.0013i	-0.0050+0.0027i	-0.0176-0.0020i	-0.0011+0.0015i	-0.0039+0.0063i	-0.0141+0.0373i	-0.0025-0.0008i
0.8	0.0040-0.0005i	0.0037+0.0030i	-0.0094+0.0028i	0.0008+0.0022i	0.0010+0.0002i	-0.0030-0.0105i	0.0009+0.0022i
0.9	0.0004-0.0029i	0.0079+0.0068i	-0.0091+0.0013i	0.0000+0.0011i	0.0069+0.0022i	0.0136-0.0047i	0.0088+0.0051i
1.0	0.0010+0.0002i	0.0043+0.0012i	-0.0087+0.0001i	-0.0023+0.0003i	0.0042+0.0005i	0.0026-0.0028i	0.0039+0.0034i
1.1	-0.0025-0.0004i	0.0038-0.0018i	-0.0055-0.0013i	-0.0038-0.0017i	0.0018-0.0001i	-0.0250+0.0059i	0.0032+0.0019i
1.2	-0.0025-0.0002i	0.0051-0.0009i	-0.0077-0.0001i	-0.0013-0.0012i	0.0013+0.0001i	-0.0156+0.0094i	0.0045+0.0025i
1.3	0.0002+0.0009i	0.0075+0.0006i	-0.0084+0.0012i	0.0020+0.0001i	0.0017+0.0002i	-0.0070+0.0101i	0.0050+0.0037i
1.4	-0.0002-0.0010i	0.0086+0.0008i	-0.0131+0.0005i	0.0022-0.0018i	0.0037+0.0011i	-0.0152+0.0191i	0.0050+0.0015i
1.5	0.0008-0.0004i	0.0085+0.0018i	-0.0158-0.0016i	0.0021-0.0030i	0.0057+0.0017i	-0.0130+0.0074i	0.0059-0.0026i
1.6	0.0045-0.0016i	0.0113+0.0038i	-0.0154-0.0016i	0.0026-0.0038i	0.0088+0.0021i	-0.0097-0.0006i	0.0068-0.0018i
1.7	0.0069-0.0026i	0.0139+0.0028i	-0.0161-0.0027i	0.0034-0.0029i	0.0135+0.0010i	-0.0195+0.0086i	0.0079-0.0013i
1.8	0.0126-0.0083i	0.0199-0.0005i	-0.0192-0.0032i	0.0089-0.0063i	0.0185+0.0011i	-0.0232+0.0006i	0.0145-0.0043i
1.9	0.0088-0.0242i	0.0260-0.0112i	-0.0173-0.0052i	0.0036-0.0216i	0.0231-0.0082i	-0.0337-0.0014i	0.0225-0.0117i
2.0	-0.0033-0.0373i	0.0432-0.0285i	-0.0232-0.0080i	-0.0093-0.0345i	0.0400-0.0250i	-0.0387-0.0001i	0.0343-0.0248i
2.1	-0.0114-0.0528i	0.0316-0.0945i	-0.0285-0.0110i	-0.0153-0.0483i	0.0299-0.0894i	-0.0257-0.0153i	0.0230-0.0810i
2.2	-0.0799-0.0510i	-0.0354-0.0739i	-0.0391-0.0075i	-0.0801-0.0468i	-0.0333-0.0698i	-0.0381-0.0012i	-0.0358-0.0633i
2.3	-0.1906+0.0330i	-0.0307+0.0035i	-0.0563-0.0002i	-0.1951+0.0325i	-0.0253+0.0037i	-0.0461+0.0079i	-0.0397+0.0054i
2.4	-0.0356+0.2072i	-0.0204+0.0007i	-0.0443+0.0180i	-0.0391+0.2096i	-0.0187-0.0032i	-0.0332+0.0229i	-0.0177+0.0160i
2.5	0.0925+0.1023i	-0.0178+0.0003i	-0.0334+0.0082i	0.0921+0.1045i	-0.0216-0.0014i	-0.0253+0.0115i	-0.0071+0.0066i
2.6	0.0587+0.0324i	-0.0145-0.0006i	-0.0392+0.0015i	0.0584+0.0343i	-0.0183-0.0023i	-0.0318+0.0023i	-0.0073+0.0032i
2.7	0.0363+0.0145i	-0.0098+0.0022i	-0.0470+0.0001i	0.0333+0.0164i	-0.0131-0.0018i	-0.0470-0.0032i	-0.0063+0.0026i
2.8	0.0233+0.0087i	-0.0071+0.0017i	-0.0519-0.0022i	0.0245+0.0085i	-0.0108+0.0000i	-0.0509-0.0059i	-0.0040+0.0017i
2.9	0.0237+0.0103i	-0.0069-0.0009i	-0.0580-0.0030i	0.0246+0.0086i	-0.0072+0.0007i	-0.0552-0.0041i	-0.0031+0.0015i
3.0	0.0216+0.0050i	-0.0070+0.0000i	-0.0653-0.0042i	0.0206+0.0052i	-0.0065+0.0008i	-0.0619-0.0092i	-0.0007+0.0023i
3.1	0.0128+0.0053i	-0.0068-0.0001i	-0.0694-0.0037i	0.0106+0.0067i	-0.0058-0.0004i	-0.0641-0.0084i	-0.0010+0.0019i
3.2	0.0094+0.0103i	-0.0035-0.0036i	-0.0759-0.0018i	0.0083+0.0150i	-0.0028-0.0011i	-0.0581+0.0018i	-0.0005+0.0000i
3.3	0.0185+0.0112i	-0.0060-0.0069i	-0.0826-0.0032i	0.0201+0.0150i	-0.0065-0.0024i	-0.0689-0.0007i	-0.0058-0.0044i
3.4	0.0194+0.0052i	-0.0072-0.0051i	-0.0882-0.0035i	0.0226+0.0121i	-0.0085-0.0029i	-0.0702+0.0024i	-0.0033-0.0041i
3.5	0.0208+0.0026i	-0.0080-0.0022i	-0.0968-0.0023i	0.0219+0.0077i	-0.0079-0.0036i	-0.0765+0.0041i	-0.0016-0.0035i
3.6	0.0221-0.0035i	-0.0139+0.0003i	-0.1007-0.0081i	0.0228-0.0044i	-0.0062+0.0037i	-0.0945+0.0200i	-0.0055+0.0023i
3.7	0.0131+0.0013i	-0.0127+0.0045i	-0.1163-0.0026i	0.0071-0.0016i	-0.0116+0.0036i	-0.0956+0.0090i	-0.0111+0.0080i
3.8	0.0080+0.0011i	-0.0092+0.0048i	-0.1171-0.0011i	0.0080-0.0002i	-0.0107+0.0020i	-0.1051+0.0033i	-0.0057+0.0051i
3.9	0.0082+0.0014i	-0.0069+0.0005i	-0.1244-0.0015i	0.0090+0.0014i	-0.0083-0.0003i	-0.1117-0.0047i	-0.0024+0.0004i
4.0	0.0091+0.0008i	-0.0085-0.0024i	-0.1317-0.0027i	0.0103+0.0009i	-0.0100-0.0022i	-0.1193-0.0047i	-0.0046-0.0019i
4.1	0.0091-0.0001i	-0.0107-0.0020i	-0.1400-0.0032i	0.0107-0.0007i	-0.0116-0.0016i	-0.1254-0.0026i	-0.0070-0.0017i
4.2	0.0084+0.0004i	-0.0126-0.0019i	-0.1519-0.0039i	0.0104+0.0001i	-0.0129-0.0004i	-0.1362-0.0034i	-0.0077-0.0008i
4.3	0.0091+0.0001i	-0.0147+0.0015i	-0.1650-0.0064i	0.0108+0.0001i	-0.0142+0.0012i	-0.1490-0.0052i	-0.0083+0.0019i
4.4	0.0090+0.0001i	-0.0157+0.0079i	-0.1782-0.0067i	0.0098+0.0008i	-0.0143+0.0059i	-0.1619-0.0025i	-0.0085+0.0057i
4.5	0.0085+0.0013i	-0.0132+0.0127i	-0.1931-0.0060i	0.0086+0.0025i	-0.0125+0.0090i	-0.1721+0.0015i	-0.0091+0.0096i
4.6	0.0074+0.0006i	-0.0070+0.0169i	-0.2116-0.0051i	0.0082+0.0007i	-0.0089+0.0134i	-0.1883+0.0001i	-0.0053+0.0132i
4.7	0.0077-0.0004i	-0.0006+0.0237i	-0.2262-0.0051i	0.0076+0.0001i	-0.0056+0.0198i	-0.2033-0.0042i	0.0002+0.0206i
4.8	0.0042+0.0026i	0.0169+0.0260i	-0.2462+0.0010i	0.0068+0.0036i	0.0147+0.0245i	-0.2178+0.0006i	0.0162+0.0239i
4.9	0.0106+0.0095i	0.0291+0.0007i	-0.2584+0.0042i	0.0121+0.0068i	0.0330-0.0003i	-0.2381+0.0062i	0.0305-0.0011i
5.0	0.0131-0.0018i	-0.0009-0.0167i	-0.2829-0.0127i	0.0168-0.0043i	-0.0021-0.0204i	-0.2573-0.0093i	0.0039-0.0178i
5.1	0.0128-0.0030i	-0.0045-0.0081i	-0.3046-0.0172i	0.0157-0.0039i	-0.0077-0.0145i	-0.2718-0.0100i	0.0015-0.0130i
5.2	0.0183-0.0064i	0.0011-0.0028i	-0.3348-0.0176i	0.0218-0.0094i	-0.0085-0.0135i	-0.2910-0.0043i	0.0004-0.0135i
5.3	0.0161-0.0195i	0.0063-0.0045i	-0.3698-0.0131i	0.0197-0.0218i	-0.0113-0.0081i	-0.3088+0.0013i	-0.0024-0.0109i
5.4	0.0026-0.0251i	0.0016-0.0132i	-0.4022+0.0005i	0.0068-0.0268i	-0.0104-0.0076i	-0.3372-0.0071i	-0.0067-0.0099i
5.5	-0.0175-0.0179i	-0.0033-0.0324i	-0.4489+0.0121i	-0.0140-0.0147i	-0.0061-0.0244i	-0.3983-0.0181i	-0.0088-0.0195i
5.6	-0.0237-0.0016i	-0.0404-0.0124i	-0.5017+0.0234i	-0.0284+0.0024i	-0.0356-0.0027i	-0.4617+0.0081i	-0.0330+0.0018i

5.7	-0.0227+0.0107i	-0.0377+0.0185i	-0.5451+0.0210i	-0.0207+0.0095i	-0.0271+0.0234i	-0.5012+0.0190i	-0.0229+0.0262i
5.8	-0.0186+0.0236i	-0.0129+0.0202i	-0.6058+0.0428i	-0.0123+0.0255i	-0.0057+0.0178i	-0.5447+0.0427i	-0.0014+0.0219i
5.9	-0.0085+0.0279i	0.0055+0.0192i	-0.6518+0.0501i	-0.0010+0.0292i	0.0102+0.0144i	-0.5856+0.0486i	0.0157+0.0185i
6.0	-0.0046+0.0236i	0.0163+0.0016i	-0.7072+0.0467i	0.0053+0.0259i	0.0181-0.0058i	-0.6291+0.0510i	0.0230+0.0004i
6.1	-0.0062+0.0244i	0.0097-0.0175i	-0.8062+0.0591i	0.0060+0.0276i	0.0080-0.0248i	-0.7106+0.0593i	0.0134-0.0171i
6.2	-0.0027+0.0287i	-0.0062-0.0216i	-0.9235+0.0969i	0.0134+0.0319i	-0.0112-0.0268i	-0.8101+0.0891i	-0.0039-0.0193i
6.3	-0.0004+0.0290i	-0.0123-0.0187i	-1.0064+0.1202i	0.0178+0.0322i	-0.0183-0.0215i	-0.8880+0.1081i	-0.0109-0.0148i
6.4	0.0017+0.0333i	-0.0151-0.0149i	-1.1558+0.1752i	0.0247+0.0349i	-0.0211-0.0166i	-1.0154+0.1554i	-0.0135-0.0083i
6.5	0.0032+0.0356i	-0.0189-0.0139i	-1.3265+0.2150i	0.0303+0.0352i	-0.0257-0.0152i	-1.1663+0.1896i	-0.0184-0.0065i
6.6	0.0034+0.0404i	-0.0252-0.0081i	-1.5581+0.3095i	0.0364+0.0371i	-0.0310-0.0088i	-1.3634+0.2702i	-0.0247-0.0001i
6.7	0.0072+0.0470i	-0.0244-0.0031i	-1.8644+0.4387i	0.0473+0.0393i	-0.0317-0.0033i	-1.6408+0.3905i	-0.0261+0.0060i
6.8	0.0103+0.0575i	-0.0220-0.0017i	-2.3245+0.6172i	0.0617+0.0439i	-0.0317-0.0010i	-2.0528+0.5493i	-0.0289+0.0123i
6.9	0.0158+0.0739i	-0.0217-0.0043i	-2.9657+1.0344i	0.0815+0.0492i	-0.0347-0.0018i	-2.6069+0.9123i	-0.0349+0.0178i
7.0	0.0495+0.1053i	-0.0360-0.0088i	-3.7536+2.6036i	0.1293+0.0425i	-0.0498+0.0012i	-3.3138+2.3019i	-0.0482+0.0372i
7.1	0.1133+0.0966i	-0.0540+0.0091i	-3.2320+4.8385i	0.1774-0.0168i	-0.0653+0.0271i	-2.8540+4.2717i	-0.0465+0.0756i
7.2	0.1613+0.0327i	-0.0462+0.0530i	-0.8420+6.3698i	0.1638-0.1145i	-0.0485+0.0753i	-0.7353+5.6174i	-0.0034+0.1185i
7.3	0.1413-0.0450i	0.0316+0.0601i	2.3995+5.3710i	0.0643-0.1622i	0.0416+0.0737i	2.1145+4.7277i	0.0982+0.0953i
7.4	0.1294-0.0661i	0.0396+0.0113i	3.6040+4.0471i	0.0286-0.1427i	0.0531+0.0210i	3.1752+3.5534i	0.1136+0.0358i
7.5	0.0931-0.0868i	0.0101-0.0093i	3.6317+2.0155i	0.0009-0.1142i	0.0224-0.0061i	3.1872+1.7680i	0.0810-0.0048i
7.6	0.0702-0.0850i	0.0020-0.0022i	3.0376+1.3409i	-0.0055-0.0996i	0.0119-0.0007i	2.6555+1.1705i	0.0646-0.0047i
7.7	0.0546-0.0793i	0.0034-0.0024i	2.4215+0.9959i	-0.0057-0.0890i	0.0111-0.0023i	2.1231+0.8677i	0.0572-0.0055i
7.8	0.0464-0.0730i	-0.0023-0.0046i	2.0683+0.9221i	-0.0044-0.0810i	0.0045-0.0053i	1.8088+0.8121i	0.0511-0.0026i
7.9	0.0382-0.0771i	-0.0083-0.0034i	2.0169+0.8675i	-0.0108-0.0839i	-0.0011-0.0025i	1.7538+0.7637i	0.0500-0.0012i
8.0	0.0299-0.0808i	-0.0065+0.0015i	1.9799+0.7133i	-0.0176-0.0864i	-0.0001+0.0019i	1.7210+0.6253i	0.0528-0.0010i
8.1	0.0200-0.0795i	-0.0017-0.0002i	1.8722+0.5676i	-0.0229-0.0828i	0.0030-0.0002i	1.6333+0.4999i	0.0576-0.0039i
8.2	0.0116-0.0776i	-0.0071-0.0013i	1.8195+0.4698i	-0.0295-0.0785i	-0.0019-0.0013i	1.5869+0.4174i	0.0565-0.0091i
8.3	-0.0006-0.0782i	-0.0106+0.0001i	1.7815+0.3170i	-0.0427-0.0788i	-0.0047-0.0009i	1.5521+0.2842i	0.0552-0.0139i
8.4	-0.0099-0.0769i	-0.0103+0.0016i	1.7286+0.2279i	-0.0506-0.0753i	-0.0053+0.0007i	1.4898+0.2060i	0.0544-0.0157i
8.5	-0.0201-0.0758i	-0.0108+0.0037i	1.6690+0.1334i	-0.0612-0.0725i	-0.0056+0.0023i	1.4430+0.1238i	0.0549-0.0181i
8.6	-0.0281-0.0733i	-0.0107+0.0057i	1.6365+0.0702i	-0.0700-0.0692i	-0.0037+0.0035i	1.4125+0.0739i	0.0561-0.0205i
8.7	-0.0362-0.0698i	-0.0088+0.0067i	1.6183-0.0102i	-0.0811-0.0626i	-0.0011+0.0054i	1.3895+0.0033i	0.0610-0.0238i
8.8	-0.0475-0.0679i	-0.0076+0.0053i	1.6180-0.1170i	-0.0926-0.0554i	0.0006+0.0035i	1.3931-0.0860i	0.0653-0.0315i
8.9	-0.0563-0.0589i	-0.0075+0.0042i	1.6186-0.2323i	-0.1035-0.0416i	0.0004+0.0016i	1.3913-0.1820i	0.0664-0.0393i
9.0	-0.0714-0.0461i	-0.0073+0.0066i	1.5901-0.4463i	-0.1187-0.0185i	-0.0001+0.0019i	1.3587-0.3604i	0.0658-0.0501i
9.1	-0.0732-0.0307i	-0.0054+0.0078i	1.4619-0.5680i	-0.1163+0.0030i	0.0009+0.0013i	1.2470-0.4596i	0.0635-0.0557i
9.2	-0.0889-0.0261i	-0.0033+0.0055i	1.5203-0.7541i	-0.1327+0.0164i	0.0049-0.0013i	1.2901-0.6095i	0.0735-0.0742i
9.3	-0.1046+0.0021i	-0.0024+0.0033i	1.3661-1.1128i	-0.1380+0.0603i	0.0059-0.0062i	1.1582-0.8919i	0.0610-0.1033i
9.4	-0.0923+0.0472i	-0.0018+0.0012i	0.8121-1.3832i	-0.0991+0.1116i	0.0020-0.0121i	0.7011-1.1081i	0.0192-0.1228i
9.5	-0.0539+0.0692i	-0.0031+0.0001i	0.2848-1.2285i	-0.0403+0.1205i	-0.0045-0.0130i	0.2788-0.9835i	-0.0178-0.1075i
9.6	-0.0248+0.0684i	-0.0058+0.0003i	0.0095-0.9125i	-0.0032+0.1045i	-0.0072-0.0114i	0.0570-0.7265i	-0.0365-0.0799i
9.7	-0.0037+0.0505i	-0.0060-0.0019i	-0.0337-0.5718i	0.0169+0.0742i	-0.0091-0.0078i	0.0229-0.4484i	-0.0361-0.0532i
9.8	0.0064+0.0387i	-0.0060-0.0010i	-0.0036-0.3805i	0.0223+0.0534i	-0.0100-0.0044i	0.0464-0.2912i	-0.0301-0.0370i
9.9	0.0070+0.0314i	-0.0055-0.0001i	0.0483-0.2637i	0.0178+0.0415i	-0.0094-0.0022i	0.0876-0.1971i	-0.0232-0.0262i
10.0	0.0076+0.0238i	-0.0058-0.0003i	0.0813-0.1784i	0.0169+0.0326i	-0.0087-0.0031i	0.1136-0.1288i	-0.0168-0.0203i
10.1	0.0074+0.0174i	-0.0055-0.0012i	0.1155-0.1271i	0.0153+0.0255i	-0.0075-0.0049i	0.1395-0.0877i	-0.0103-0.0171i
10.2	0.0044+0.0160i	-0.0051-0.0041i	0.1440-0.0851i	0.0118+0.0233i	-0.0083-0.0056i	0.1627-0.0549i	-0.0055-0.0134i
10.3	0.0039+0.0171i	-0.0092-0.0060i	0.1729-0.0574i	0.0107+0.0241i	-0.0109-0.0068i	0.1888-0.0280i	0.0017-0.0087i
10.4	0.0067+0.0162i	-0.0130-0.0053i	0.1887-0.0342i	0.0118+0.0210i	-0.0138-0.0076i	0.2053-0.0061i	0.0085-0.0118i
10.5	0.0081+0.0160i	-0.0134-0.0038i	0.2028-0.0177i	0.0132+0.0195i	-0.0149-0.0073i	0.2219+0.0057i	0.0133-0.0161i
10.6	0.0092+0.0132i	-0.0126-0.0017i	0.2252+0.0004i	0.0135+0.0158i	-0.0156-0.0047i	0.2422+0.0143i	0.0147-0.0241i
10.7	0.0101+0.0114i	-0.0121-0.0014i	0.2417+0.0091i	0.0144+0.0117i	-0.0143-0.0030i	0.2524+0.0172i	0.0131-0.0238i
10.8	0.0098+0.0085i	-0.0135-0.0024i	0.2508+0.0100i	0.0140+0.0109i	-0.0138-0.0055i	0.2560+0.0163i	0.0137-0.0237i
10.9	0.0091+0.0076i	-0.0147-0.0025i	0.2570+0.0114i	0.0122+0.0101i	-0.0154-0.0040i	0.2624+0.0171i	0.0142-0.0218i
11.0	0.0087+0.0068i	-0.0154-0.0022i	0.2593+0.0154i	0.0106+0.0061i	-0.0168-0.0023i	0.2644+0.0210i	0.0137-0.0200i
11.1	0.0097+0.0073i	-0.0166-0.0016i	0.2598+0.0188i	0.0115+0.0057i	-0.0171-0.0028i	0.2652+0.0240i	0.0156-0.0227i
11.2	0.0099+0.0061i	-0.0173-0.0020i	0.2606+0.0231i	0.0100+0.0044i	-0.0168-0.0029i	0.2641+0.0272i	0.0158-0.0239i
11.3	0.0089+0.0043i	-0.0165-0.0015i	0.2606+0.0256i	0.0084+0.0038i	-0.0169-0.0029i	0.2622+0.0276i	0.0170-0.0236i
11.4	0.0095+0.0041i	-0.0169-0.0011i	0.2600+0.0290i	0.0087+0.0028i	-0.0174-0.0013i	0.2603+0.0311i	0.0177-0.0222i
11.5	0.0095+0.0046i	-0.0176-0.0018i	0.2590+0.0300i	0.0075+0.0021i	-0.0186-0.0008i	0.2588+0.0287i	0.0183-0.0211i
11.6	0.0078+0.0023i	-0.0190-0.0021i	0.2578+0.0326i	0.0052+0.0020i	-0.0192-0.0021i	0.2599+0.0307i	0.0201-0.0196i
11.7	0.0071+0.0022i	-0.0186-0.0012i	0.2544+0.0344i	0.0055+0.0012i	-0.0191-0.0029i	0.2560+0.0334i	0.0204-0.0174i
11.8	0.0083+0.0029i	-0.0189-0.0009i	0.2524+0.0373i	0.0056+0.0009i	-0.0188-0.0019i	0.2537+0.0337i	0.0224-0.0154i
11.9	0.0082+0.0015i	-0.0202-0.0015i	0.2474+0.0389i	0.0050+0.0008i	-0.0220-0.0020i	0.2485+0.0376i	0.0263-0.0154i

12.0	0.0075-0.0000i	-0.0223-0.0018i	0.2432+0.0414i	0.0033+0.0009i	-0.0238-0.0029i	0.2446+0.0416i	0.0302-0.0146i
12.1	0.0071+0.0017i	-0.0233-0.0035i	0.2383+0.0474i	0.0036+0.0014i	-0.0220-0.0028i	0.2425+0.0471i	0.0343-0.0134i
12.2	0.0051+0.0020i	-0.0235-0.0033i	0.2317+0.0527i	0.0040+0.0018i	-0.0216-0.0031i	0.2380+0.0544i	0.0385-0.0132i
12.3	0.0052+0.0006i	-0.0245-0.0036i	0.2255+0.0595i	0.0034+0.0018i	-0.0241-0.0053i	0.2372+0.0594i	0.0439-0.0116i
12.4	0.0053+0.0006i	-0.0267-0.0044i	0.2202+0.0683i	0.0016+0.0037i	-0.0270-0.0049i	0.2350+0.0663i	0.0497-0.0136i
12.5	0.0049+0.0011i	-0.0315-0.0045i	0.2195+0.0780i	0.0036+0.0043i	-0.0307-0.0070i	0.2360+0.0742i	0.0556-0.0142i
12.6	0.0045-0.0004i	-0.0345-0.0068i	0.2229+0.0862i	0.0054+0.0043i	-0.0335-0.0062i	0.2406+0.0826i	0.0595-0.0156i
12.7	0.0052-0.0011i	-0.0431-0.0082i	0.2261+0.0904i	0.0059+0.0039i	-0.0409-0.0063i	0.2486+0.0835i	0.0704-0.0178i
12.8	0.0048-0.0006i	-0.0480-0.0014i	0.2278+0.0941i	0.0080+0.0018i	-0.0459-0.0004i	0.2497+0.0824i	0.0762-0.0257i
12.9	0.0028-0.0012i	-0.0522+0.0031i	0.2270+0.0981i	0.0112-0.0002i	-0.0510+0.0046i	0.2498+0.0786i	0.0798-0.0313i
13.0	0.0008-0.0013i	-0.0568+0.0099i	0.2272+0.1011i	0.0112-0.0022i	-0.0568+0.0113i	0.2504+0.0776i	0.0829-0.0390i
13.1	0.0001+0.0000i	-0.0588+0.0196i	0.2287+0.1005i	0.0103-0.0055i	-0.0567+0.0196i	0.2546+0.0776i	0.0838-0.0460i
13.2	-0.0008-0.0013i	-0.0555+0.0265i	0.2272+0.0993i	0.0088-0.0090i	-0.0545+0.0279i	0.2531+0.0796i	0.0841-0.0484i
13.3	-0.0019-0.0008i	-0.0527+0.0321i	0.2192+0.1018i	0.0075-0.0132i	-0.0515+0.0352i	0.2509+0.0832i	0.0881-0.0513i
13.4	-0.0029+0.0027i	-0.0472+0.0370i	0.2113+0.1058i	0.0025-0.0164i	-0.0445+0.0396i	0.2530+0.0857i	0.0964-0.0595i
13.5	-0.0005+0.0004i	-0.0414+0.0332i	0.2091+0.1112i	-0.0040-0.0167i	-0.0377+0.0381i	0.2550+0.0863i	0.0982-0.0606i
13.6	-0.0036-0.0001i	-0.0378+0.0312i	0.2045+0.1218i	-0.0114-0.0176i	-0.0334+0.0366i	0.2571+0.0941i	0.1058-0.0656i
13.7	-0.0049+0.0003i	-0.0391+0.0295i	0.2048+0.1333i	-0.0161-0.0163i	-0.0342+0.0360i	0.2642+0.0975i	0.1115-0.0739i
13.8	-0.0098+0.0007i	-0.0429+0.0315i	0.2120+0.1446i	-0.0233-0.0140i	-0.0366+0.0358i	0.2706+0.0983i	0.1117-0.0822i
13.9	-0.0136+0.0049i	-0.0495+0.0352i	0.2117+0.1456i	-0.0272-0.0096i	-0.0408+0.0382i	0.2771+0.0960i	0.1219-0.0865i
14.0	-0.0164+0.0076i	-0.0515+0.0409i	0.2026+0.1512i	-0.0302-0.0038i	-0.0422+0.0430i	0.2843+0.0842i	0.1402-0.1004i
14.1	-0.0152+0.0085i	-0.0513+0.0478i	0.1987+0.1628i	-0.0301-0.0001i	-0.0410+0.0478i	0.2861+0.0746i	0.1499-0.1254i
14.2	-0.0157+0.0085i	-0.0500+0.0560i	0.2024+0.1787i	-0.0299+0.0028i	-0.0405+0.0547i	0.2867+0.0683i	0.1506-0.1528i
14.3	-0.0131+0.0128i	-0.0498+0.0630i	0.2101+0.1941i	-0.0280+0.0094i	-0.0404+0.0620i	0.2835+0.0607i	0.1449-0.1817i
14.4	-0.0136+0.0164i	-0.0448+0.0657i	0.2200+0.1984i	-0.0285+0.0117i	-0.0355+0.0646i	0.2780+0.0534i	0.1353-0.1991i
14.5	-0.0135+0.0164i	-0.0429+0.0691i	0.2257+0.2003i	-0.0306+0.0111i	-0.0331+0.0668i	0.2791+0.0416i	0.1300-0.2152i
14.6	-0.0138+0.0179i	-0.0464+0.0778i	0.2132+0.2131i	-0.0302+0.0154i	-0.0358+0.0737i	0.2708+0.0329i	0.1362-0.2497i
14.7	-0.0176+0.0180i	-0.0391+0.0904i	0.2170+0.2389i	-0.0313+0.0181i	-0.0299+0.0842i	0.2611+0.0279i	0.1168-0.2922i
14.8	-0.0197+0.0171i	-0.0240+0.0982i	0.2414+0.2662i	-0.0331+0.0204i	-0.0142+0.0926i	0.2485+0.0255i	0.0714-0.3329i
14.9	-0.0198+0.0158i	-0.0010+0.1030i	0.2864+0.2875i	-0.0297+0.0224i	0.0067+0.0951i	0.2337+0.0260i	-0.0042-0.3583i
15.0	-0.0159+0.0200i	0.0115+0.0956i	0.3213+0.2802i	-0.0246+0.0261i	0.0182+0.0885i	0.2277+0.0263i	-0.0568-0.3481i
15.1	-0.0139+0.0193i	0.0209+0.0801i	0.3633+0.2483i	-0.0214+0.0261i	0.0268+0.0735i	0.2198+0.0322i	-0.1159-0.3018i
15.2	-0.0153+0.0182i	0.0202+0.0610i	0.3753+0.1917i	-0.0195+0.0232i	0.0254+0.0522i	0.2152+0.0382i	-0.1298-0.2210i
15.3	-0.0185+0.0133i	0.0096+0.0441i	0.3571+0.1485i	-0.0237+0.0173i	0.0143+0.0387i	0.2162+0.0428i	-0.0996-0.1578i
15.4	-0.0249+0.0127i	-0.0057+0.0391i	0.3308+0.1277i	-0.0308+0.0151i	0.0007+0.0346i	0.2173+0.0422i	-0.0510-0.1327i
15.5	-0.0292+0.0123i	-0.0178+0.0371i	0.3121+0.1133i	-0.0358+0.0139i	-0.0099+0.0320i	0.2196+0.0373i	-0.0151-0.1231i
15.6	-0.0368+0.0132i	-0.0383+0.0501i	0.2847+0.1146i	-0.0430+0.0154i	-0.0278+0.0441i	0.2235+0.0214i	0.0426-0.1559i
15.7	-0.0494+0.0155i	-0.0592+0.0791i	0.2413+0.1297i	-0.0539+0.0163i	-0.0474+0.0720i	0.2135+0.0011i	0.1064-0.2357i
15.8	-0.0596+0.0183i	-0.0567+0.1173i	0.2239+0.1569i	-0.0653+0.0186i	-0.0445+0.1087i	0.1907-0.0199i	0.0995-0.3429i
15.9	-0.0727+0.0249i	-0.0395+0.1515i	0.2182+0.1828i	-0.0770+0.0231i	-0.0267+0.1393i	0.1572-0.0363i	0.0508-0.4399i
16.0	-0.0826+0.0324i	-0.0107+0.1630i	0.2308+0.1983i	-0.0844+0.0319i	0.0020+0.1477i	0.1227-0.0340i	-0.0366-0.4761i
16.1	-0.0956+0.0458i	0.0294+0.1726i	0.2408+0.2083i	-0.0981+0.0440i	0.0386+0.1554i	0.0716-0.0194i	-0.1689-0.4960i
16.2	-0.1094+0.0562i	0.0653+0.1655i	0.2459+0.1984i	-0.1137+0.0572i	0.0743+0.1479i	0.0275-0.0029i	-0.2836-0.4632i
16.3	-0.1289+0.0752i	0.0893+0.1487i	0.2290+0.1860i	-0.1330+0.0770i	0.0981+0.1304i	-0.0205+0.0229i	-0.3572-0.3991i
16.4	-0.1444+0.1031i	0.0994+0.1330i	0.2042+0.1945i	-0.1460+0.1051i	0.1063+0.1128i	-0.0562+0.0671i	-0.3849-0.3386i
16.5	-0.1540+0.1416i	0.1083+0.1191i	0.1797+0.2294i	-0.1529+0.1424i	0.1121+0.0978i	-0.0869+0.1419i	-0.4067-0.2743i
16.6	-0.1553+0.2061i	0.1369+0.1175i	0.1749+0.3093i	-0.1538+0.2030i	0.1362+0.0906i	-0.0911+0.2543i	-0.4496-0.2238i
16.7	-0.1402+0.2491i	0.1626+0.0903i	0.1913+0.3433i	-0.1359+0.2448i	0.1571+0.0648i	-0.0662+0.3154i	-0.4825-0.1545i
16.8	-0.1205+0.3055i	0.1662+0.0469i	0.2087+0.3768i	-0.1156+0.2992i	0.1593+0.0215i	-0.0322+0.3847i	-0.4805-0.0433i
16.9	-0.0413+0.3913i	0.1491-0.0012i	0.2598+0.4540i	-0.0373+0.3837i	0.1366-0.0245i	0.0485+0.4902i	-0.4049+0.0821i
17.0	0.0578+0.4365i	0.1331-0.0195i	0.3493+0.4946i	0.0610+0.4262i	0.1179-0.0399i	0.1664+0.5440i	-0.3298+0.1325i
17.1	0.1711+0.3792i	0.1122-0.0230i	0.4382+0.4379i	0.1719+0.3677i	0.0927-0.0381i	0.2937+0.4794i	-0.2488+0.1218i
17.2	0.2322+0.3206i	0.0913-0.0385i	0.4956+0.4024i	0.2291+0.3075i	0.0710-0.0476i	0.3579+0.4165i	-0.1951+0.1242i
17.3	0.2704+0.2612i	0.0643-0.0352i	0.5301+0.3493i	0.2629+0.2475i	0.0475-0.0380i	0.3947+0.3628i	-0.1399+0.0936i
17.4	0.2861+0.2062i	0.0553-0.0254i	0.5406+0.2921i	0.2765+0.1939i	0.0373-0.0257i	0.4100+0.3088i	-0.1159+0.0599i
17.5	0.2818+0.1511i	0.0467-0.0140i	0.5419+0.2461i	0.2711+0.1403i	0.0321-0.0128i	0.4143+0.2557i	-0.1083+0.0220i
17.6	0.2712+0.1204i	0.0431-0.0141i	0.5378+0.2205i	0.2612+0.1100i	0.0313-0.0103i	0.4120+0.2238i	-0.1117+0.0108i
17.7	0.2626+0.0975i	0.0398-0.0096i	0.5384+0.2040i	0.2513+0.0879i	0.0304-0.0066i	0.4072+0.2030i	-0.1149-0.0007i
17.8	0.2588+0.0758i	0.0345-0.0047i	0.5402+0.1869i	0.2430+0.0646i	0.0248+0.0011i	0.4127+0.1874i	-0.1067-0.0097i
17.9	0.2479+0.0575i	0.0330-0.0016i	0.5306+0.1705i	0.2317+0.0460i	0.0262+0.0053i	0.4045+0.1674i	-0.1025-0.0147i
18.0	0.2392+0.0368i	0.0313-0.0013i	0.5153+0.1428i	0.2237+0.0257i	0.0281+0.0070i	0.3855+0.1355i	-0.1043-0.0235i
18.1	0.2303+0.0187i	0.0314+0.0013i	0.5002+0.1211i	0.2149+0.0095i	0.0298+0.0068i	0.3668+0.1196i	-0.1076-0.0241i
18.2	0.2181+0.0040i	0.0289+0.0062i	0.4839+0.0873i	0.2021-0.0046i	0.0264+0.0113i	0.3417+0.0958i	-0.1108-0.0296i

18.3	0.2026-0.0097i	0.0265+0.0109i	0.4647+0.0501i	0.1863-0.0169i	0.0263+0.0157i	0.3198+0.0722i	-0.1150-0.0305i
18.4	0.1811-0.0091i	0.0257+0.0156i	0.4166+0.0464i	0.1675-0.0178i	0.0274+0.0188i	0.2873+0.0805i	-0.1125-0.0266i
18.5	0.1665+0.0094i	0.0274+0.0220i	0.3683+0.0805i	0.1545+0.0020i	0.0288+0.0245i	0.2578+0.1144i	-0.1064-0.0253i
18.6	0.1887+0.0306i	0.0350+0.0251i	0.3738+0.1636i	0.1763+0.0223i	0.0363+0.0278i	0.2754+0.1763i	-0.0911-0.0293i
18.7	0.2067+0.0033i	0.0416+0.0245i	0.4188+0.1520i	0.1923-0.0047i	0.0417+0.0270i	0.3091+0.1604i	-0.0956-0.0424i
18.8	0.2034-0.0325i	0.0493+0.0274i	0.4408+0.1000i	0.1894-0.0427i	0.0496+0.0312i	0.3200+0.1207i	-0.1033-0.0542i
18.9	0.1905-0.0461i	0.0497+0.0249i	0.4249+0.0854i	0.1761-0.0554i	0.0515+0.0276i	0.3045+0.1071i	-0.1080-0.0587i
19.0	0.1766-0.0609i	0.0588+0.0203i	0.4124+0.0742i	0.1569-0.0649i	0.0622+0.0218i	0.2952+0.0890i	-0.1195-0.0637i
19.1	0.1602-0.0622i	0.0692+0.0156i	0.3985+0.0783i	0.1402-0.0688i	0.0709+0.0174i	0.2835+0.0843i	-0.1307-0.0683i
19.2	0.1490-0.0619i	0.0711+0.0137i	0.3894+0.0759i	0.1290-0.0679i	0.0710+0.0168i	0.2803+0.0860i	-0.1346-0.0643i
19.3	0.1429-0.0624i	0.0700+0.0063i	0.3969+0.0823i	0.1224-0.0692i	0.0727+0.0091i	0.2781+0.0938i	-0.1428-0.0599i
19.4	0.1394-0.0658i	0.0682-0.0040i	0.3966+0.0761i	0.1144-0.0720i	0.0755-0.0035i	0.2628+0.0845i	-0.1510-0.0559i
19.5	0.1319-0.0710i	0.0675-0.0071i	0.3913+0.0622i	0.1063-0.0756i	0.0742-0.0084i	0.2550+0.0785i	-0.1607-0.0510i
19.6	0.1205-0.0771i	0.0685-0.0137i	0.3775+0.0453i	0.0967-0.0765i	0.0755-0.0135i	0.2402+0.0732i	-0.1671-0.0414i
19.7	0.1075-0.0816i	0.0658-0.0213i	0.3725+0.0348i	0.0822-0.0780i	0.0723-0.0200i	0.2312+0.0729i	-0.1711-0.0269i
19.8	0.0944-0.0849i	0.0597-0.0276i	0.3521+0.0220i	0.0697-0.0799i	0.0657-0.0269i	0.2130+0.0730i	-0.1749-0.0134i
19.9	0.0764-0.0808i	0.0527-0.0319i	0.3223+0.0180i	0.0555-0.0754i	0.0605-0.0312i	0.1913+0.0849i	-0.1695+0.0038i
20.0	0.0626-0.0732i	0.0438-0.0322i	0.2941+0.0251i	0.0421-0.0672i	0.0550-0.0328i	0.1746+0.1015i	-0.1545+0.0205i
20.1	0.0553-0.0663i	0.0378-0.0361i	0.2741+0.0350i	0.0361-0.0585i	0.0482-0.0355i	0.1725+0.1156i	-0.1362+0.0254i
20.2	0.0468-0.0612i	0.0352-0.0389i	0.2653+0.0468i	0.0307-0.0517i	0.0455-0.0376i	0.1757+0.1260i	-0.1277+0.0204i
20.3	0.0376-0.0522i	0.0323-0.0350i	0.2550+0.0577i	0.0237-0.0433i	0.0423-0.0383i	0.1727+0.1265i	-0.1195+0.0062i
20.4	0.0326-0.0440i	0.0272-0.0328i	0.2418+0.0696i	0.0195-0.0361i	0.0362-0.0377i	0.1620+0.1317i	-0.1178+0.0005i
20.5	0.0249-0.0350i	0.0224-0.0320i	0.2265+0.0802i	0.0127-0.0298i	0.0320-0.0355i	0.1524+0.1390i	-0.1143-0.0043i
20.6	0.0177-0.0250i	0.0155-0.0275i	0.2139+0.0952i	0.0069-0.0204i	0.0269-0.0317i	0.1443+0.1508i	-0.1102-0.0054i
20.7	0.0152-0.0111i	0.0103-0.0242i	0.2058+0.1153i	0.0014-0.0089i	0.0224-0.0293i	0.1344+0.1671i	-0.1101-0.0061i
20.8	0.0152+0.0045i	0.0108-0.0174i	0.2012+0.1447i	-0.0002+0.0038i	0.0229-0.0255i	0.1271+0.1863i	-0.1170-0.0152i
20.9	0.0158+0.0114i	0.0154-0.0110i	0.1973+0.1527i	0.0036+0.0130i	0.0274-0.0196i	0.1211+0.2018i	-0.1241-0.0164i
21.0	0.0149+0.0217i	0.0176-0.0023i	0.1859+0.1689i	0.0015+0.0225i	0.0284-0.0135i	0.1107+0.2236i	-0.1272-0.0113i
21.1	0.0135+0.0334i	0.0100-0.0032i	0.1730+0.1908i	-0.0023+0.0345i	0.0217-0.0129i	0.1074+0.2483i	-0.1214-0.0049i
21.2	0.0134+0.0459i	0.0083-0.0051i	0.1617+0.2220i	-0.0032+0.0474i	0.0180-0.0154i	0.1065+0.2803i	-0.1141-0.0026i
21.3	0.0159+0.0644i	0.0287+0.0116i	0.1608+0.2604i	0.0001+0.0625i	0.0356-0.0056i	0.1138+0.3131i	-0.1224-0.0130i
21.4	0.0291+0.0811i	0.0359+0.0253i	0.1920+0.2996i	0.0109+0.0857i	0.0422+0.0056i	0.1396+0.3535i	-0.1389-0.0144i
21.5	0.0406+0.0932i	0.0488+0.0171i	0.2218+0.3261i	0.0193+0.0965i	0.0504-0.0026i	0.1676+0.3739i	-0.1484-0.0112i
21.6	0.0488+0.1052i	0.0648+0.0172i	0.2393+0.3575i	0.0283+0.1087i	0.0642-0.0029i	0.1897+0.3931i	-0.1537-0.0165i
21.7	0.0621+0.1164i	0.0715+0.0176i	0.2722+0.3834i	0.0424+0.1251i	0.0697-0.0019i	0.2228+0.4141i	-0.1567-0.0071i
21.8	0.0772+0.1253i	0.0688+0.0217i	0.3103+0.3963i	0.0548+0.1377i	0.0664+0.0019i	0.2582+0.4308i	-0.1476+0.0076i
21.9	0.0941+0.1291i	0.0900-0.0164i	0.3523+0.3971i	0.0732+0.1409i	0.0835-0.0318i	0.2999+0.4361i	-0.1548+0.0331i
22.0	0.1086+0.1304i	0.0777-0.0305i	0.3930+0.3958i	0.0918+0.1456i	0.0694-0.0450i	0.3434+0.4318i	-0.1395+0.0486i
22.1	0.1227+0.1314i	0.0884-0.0511i	0.4334+0.3872i	0.1098+0.1442i	0.0798-0.0651i	0.3852+0.4172i	-0.1312+0.0453i
22.2	0.1403+0.1282i	0.0330-0.0431i	0.4627+0.3751i	0.1317+0.1423i	0.0300-0.0556i	0.4285+0.3937i	-0.0912+0.0284i
22.3	0.1553+0.1223i	0.0104-0.0280i	0.4871+0.3603i	0.1473+0.1404i	0.0098-0.0417i	0.4582+0.3759i	-0.0744+0.0203i
22.4	0.1682+0.1145i	0.0278-0.0289i	0.5133+0.3271i	0.1628+0.1321i	0.0226-0.0412i	0.4777+0.3399i	-0.0749+0.0164i
22.5	0.1771+0.1104i	0.0191-0.0102i	0.5260+0.3009i	0.1739+0.1249i	0.0128-0.0258i	0.4902+0.3120i	-0.0688+0.0077i
22.6	0.1836+0.1004i	-0.0175-0.0148i	0.5277+0.2685i	0.1814+0.1126i	-0.0195-0.0256i	0.4975+0.2799i	-0.0550+0.0077i
22.7	0.1909+0.0945i	-0.0221+0.0200i	0.5335+0.2417i	0.1930+0.1022i	-0.0265+0.0064i	0.5047+0.2368i	-0.0544-0.0277i
22.8	0.1966+0.0896i	0.0093+0.0308i	0.5411+0.2254i	0.1982+0.0972i	0.0043+0.0139i	0.4980+0.2154i	-0.0698-0.0422i
22.9	0.2007+0.0839i	0.0432+0.0386i	0.5362+0.2079i	0.2038+0.0880i	0.0366+0.0248i	0.4907+0.1901i	-0.0929-0.0566i
23.0	0.2047+0.0874i	0.0613+0.0430i	0.5158+0.2037i	0.2039+0.0860i	0.0533+0.0291i	0.4727+0.1765i	-0.1072-0.0735i
23.1	0.2202+0.0827i	0.0785+0.0274i	0.5321+0.1901i	0.2160+0.0803i	0.0673+0.0163i	0.4690+0.1653i	-0.1326-0.0706i
23.2	0.2245+0.0706i	0.0719+0.0110i	0.5346+0.1653i	0.2163+0.0690i	0.0593+0.0024i	0.4662+0.1468i	-0.1500-0.0583i
23.3	0.2283+0.0622i	0.0829-0.0103i	0.5226+0.1491i	0.2207+0.0601i	0.0674-0.0163i	0.4568+0.1323i	-0.1605-0.0436i
23.4	0.2353+0.0561i	0.0832-0.0265i	0.5153+0.1339i	0.2265+0.0547i	0.0699-0.0315i	0.4455+0.1223i	-0.1718-0.0255i
23.5	0.2405+0.0506i	0.0839-0.0251i	0.5114+0.1255i	0.2303+0.0503i	0.0718-0.0296i	0.4388+0.1165i	-0.1786-0.0177i
23.6	0.2449+0.0405i	0.0805-0.0559i	0.5052+0.1081i	0.2365+0.0398i	0.0677-0.0553i	0.4275+0.1035i	-0.1762+0.0040i
23.7	0.2469+0.0306i	0.0762-0.0756i	0.4945+0.1019i	0.2389+0.0294i	0.0636-0.0732i	0.4172+0.0931i	-0.1664+0.0195i
23.8	0.2497+0.0217i	0.0674-0.1024i	0.4902+0.0933i	0.2412+0.0196i	0.0563-0.0965i	0.4074+0.0843i	-0.1637+0.0330i
23.9	0.2478+0.0135i	0.0443-0.1102i	0.4787+0.0839i	0.2383+0.0131i	0.0360-0.1021i	0.3970+0.0755i	-0.1492+0.0504i
24.0	0.2420+0.0046i	0.0066-0.1090i	0.4683+0.0769i	0.2324+0.0048i	0.0077-0.1008i	0.3850+0.0709i	-0.1337+0.0511i
24.1	0.2367+0.0008i	-0.0068-0.1023i	0.4525+0.0756i	0.2286-0.0010i	-0.0059-0.0964i	0.3726+0.0685i	-0.1181+0.0443i
24.2	0.2308-0.0013i	-0.0179-0.0989i	0.4396+0.0724i	0.2222-0.0034i	-0.0175-0.0932i	0.3597+0.0658i	-0.1142+0.0378i
24.3	0.2280-0.0004i	-0.0356-0.0930i	0.4337+0.0731i	0.2192-0.0025i	-0.0295-0.0868i	0.3487+0.0697i	-0.1148+0.0378i
24.4	0.2268+0.0072i	-0.0511-0.0785i	0.4213+0.0796i	0.2131+0.0014i	-0.0426-0.0773i	0.3358+0.0790i	-0.1015+0.0270i
24.5	0.2218+0.0107i	-0.0457-0.0630i	0.4042+0.0775i	0.2104+0.0041i	-0.0380-0.0625i	0.3243+0.0841i	-0.0978+0.0279i

24.6	0.2247+0.0156i	-0.0377-0.0455i	0.3958+0.0808i	0.2136+0.0108i	-0.0303-0.0488i	0.3194+0.0881i	-0.0956+0.0272i
24.7	0.2304+0.0197i	-0.0320-0.0384i	0.3894+0.0822i	0.2210+0.0132i	-0.0269-0.0438i	0.3231+0.0928i	-0.0871+0.0249i
24.8	0.2366+0.0208i	-0.0269-0.0341i	0.3796+0.0899i	0.2246+0.0157i	-0.0215-0.0404i	0.3186+0.0977i	-0.0839+0.0189i
24.9	0.2420+0.0142i	-0.0266-0.0283i	0.3720+0.0952i	0.2299+0.0117i	-0.0197-0.0348i	0.3153+0.0922i	-0.0816+0.0063i
25.0	0.2437+0.0106i	-0.0312-0.0271i	0.3586+0.0982i	0.2330+0.0068i	-0.0241-0.0324i	0.3087+0.0851i	-0.0756-0.0028i
25.1	0.2450+0.0126i	-0.0306-0.0231i	0.3542+0.1093i	0.2353+0.0053i	-0.0238-0.0289i	0.3013+0.0880i	-0.0762-0.0079i
25.2	0.2509+0.0158i	-0.0286-0.0223i	0.3544+0.1212i	0.2372+0.0056i	-0.0246-0.0281i	0.2938+0.0959i	-0.0853-0.0187i
25.3	0.2476+0.0151i	-0.0374-0.0279i	0.3405+0.1241i	0.2301+0.0078i	-0.0306-0.0350i	0.2837+0.0975i	-0.0811-0.0219i
25.4	0.2495+0.0219i	-0.0351-0.0149i	0.3341+0.1308i	0.2343+0.0160i	-0.0253-0.0244i	0.2829+0.1164i	-0.0739-0.0199i
25.5	0.2620+0.0273i	-0.0335-0.0214i	0.3342+0.1393i	0.2467+0.0228i	-0.0291-0.0308i	0.2862+0.1251i	-0.0758-0.0214i
25.6	0.2798+0.0302i	-0.0275-0.0248i	0.3366+0.1602i	0.2656+0.0231i	-0.0261-0.0335i	0.2998+0.1225i	-0.0766-0.0396i
25.7	0.2900+0.0327i	-0.0280-0.0242i	0.3280+0.1824i	0.2770+0.0256i	-0.0276-0.0331i	0.3033+0.1174i	-0.0681-0.0682i
25.8	0.2937+0.0228i	-0.0298-0.0182i	0.3232+0.1925i	0.2784+0.0132i	-0.0298-0.0293i	0.2897+0.1015i	-0.0767-0.0959i
25.9	0.3016+0.0246i	-0.0393-0.0188i	0.3316+0.2106i	0.2831+0.0123i	-0.0409-0.0308i	0.2756+0.0995i	-0.1044-0.1123i
26.0	0.3137+0.0245i	-0.0478-0.0140i	0.3384+0.2254i	0.2947+0.0120i	-0.0494-0.0255i	0.2763+0.1085i	-0.1157-0.1169i
26.1	0.3297+0.0157i	-0.0533-0.0073i	0.3421+0.2493i	0.3111-0.0011i	-0.0573-0.0201i	0.2729+0.0982i	-0.1278-0.1504i
26.2	0.3396+0.0056i	-0.0585-0.0011i	0.3505+0.2659i	0.3232-0.0131i	-0.0621-0.0142i	0.2576+0.0924i	-0.1612-0.1722i
26.3	0.3433-0.0058i	-0.0663+0.0163i	0.3689+0.2895i	0.3237-0.0241i	-0.0690+0.0023i	0.2367+0.0985i	-0.2119-0.1758i
26.4	0.3452-0.0130i	-0.0704+0.0412i	0.3771+0.3233i	0.3247-0.0340i	-0.0702+0.0272i	0.2152+0.1191i	-0.2503-0.1708i
26.5	0.3442-0.0179i	-0.0806+0.0592i	0.3827+0.3525i	0.3222-0.0418i	-0.0821+0.0464i	0.1952+0.1368i	-0.2793-0.1659i
26.6	0.3450-0.0139i	-0.0515+0.1035i	0.4560+0.4153i	0.3134-0.0433i	-0.0564+0.0870i	0.1888+0.1793i	-0.3479-0.1448i
26.7	0.3547-0.0036i	-0.0007+0.1184i	0.5586+0.4258i	0.3142-0.0339i	-0.0077+0.0994i	0.2075+0.2118i	-0.4054-0.1050i
26.8	0.3769+0.0008i	0.0478+0.1052i	0.6606+0.3844i	0.3257-0.0281i	0.0330+0.0880i	0.2425+0.2364i	-0.4344-0.0410i
26.9	0.3975-0.0155i	0.0764+0.0662i	0.7189+0.2892i	0.3407-0.0350i	0.0569+0.0517i	0.2772+0.2299i	-0.4314+0.0204i
27.0	0.4150-0.0322i	0.0805+0.0314i	0.7329+0.2079i	0.3577-0.0426i	0.0620+0.0229i	0.2950+0.2163i	-0.4265+0.0691i
27.1	0.4239-0.0508i	0.0737+0.0093i	0.7159+0.1418i	0.3667-0.0559i	0.0523+0.0051i	0.3003+0.2038i	-0.4084+0.1096i
27.2	0.4272-0.0648i	0.0691-0.0055i	0.7033+0.0982i	0.3736-0.0669i	0.0484-0.0070i	0.3029+0.1997i	-0.4012+0.1429i
27.3	0.4314-0.0812i	0.0609-0.0130i	0.6822+0.0485i	0.3777-0.0798i	0.0394-0.0136i	0.3027+0.1950i	-0.3844+0.1871i
27.4	0.4340-0.0919i	0.0538-0.0146i	0.6502+0.0198i	0.3761-0.0875i	0.0334-0.0171i	0.3013+0.1924i	-0.3589+0.2069i
27.5	0.4360-0.0975i	0.0508-0.0194i	0.6201+0.0037i	0.3817-0.0912i	0.0306-0.0174i	0.2956+0.1933i	-0.3432+0.2277i
27.6	0.4437-0.1065i	0.0530-0.0229i	0.6165-0.0140i	0.3900-0.1001i	0.0317-0.0176i	0.2926+0.1960i	-0.3478+0.2561i
27.7	0.4525-0.1272i	0.0536-0.0285i	0.6040-0.0531i	0.3967-0.1162i	0.0317-0.0220i	0.2908+0.2092i	-0.3355+0.3209i
27.8	0.4552-0.1431i	0.0409-0.0371i	0.5705-0.0845i	0.3972-0.1241i	0.0221-0.0283i	0.2980+0.2197i	-0.2901+0.3748i
27.9	0.4528-0.1540i	0.0346-0.0418i	0.5306-0.1056i	0.3985-0.1341i	0.0166-0.0312i	0.3128+0.2257i	-0.2270+0.4141i
28.0	0.4539-0.1664i	0.0295-0.0409i	0.4873-0.1178i	0.4026-0.1421i	0.0138-0.0280i	0.3257+0.2328i	-0.1516+0.4371i
28.1	0.4528-0.1801i	0.0180-0.0475i	0.4305-0.1159i	0.4030-0.1499i	0.0049-0.0358i	0.3458+0.2275i	-0.0555+0.4154i
28.2	0.4476-0.1860i	0.0099-0.0510i	0.3890-0.0935i	0.4003-0.1544i	-0.0026-0.0384i	0.3684+0.2183i	0.0156+0.3743i
28.3	0.4433-0.1885i	0.0028-0.0438i	0.3742-0.0687i	0.3990-0.1552i	-0.0075-0.0310i	0.3813+0.2048i	0.0386+0.3267i
28.4	0.4456-0.1942i	0.0008-0.0345i	0.3518-0.0524i	0.4063-0.1619i	-0.0097-0.0203i	0.3864+0.1760i	0.0730+0.2823i
28.5	0.4478-0.1992i	0.0010-0.0307i	0.3355-0.0296i	0.4131-0.1689i	-0.0082-0.0142i	0.3813+0.1566i	0.0901+0.2363i
28.6	0.4596-0.2029i	-0.0008-0.0249i	0.3245-0.0126i	0.4247-0.1732i	-0.0093-0.0101i	0.3799+0.1441i	0.1038+0.1920i
28.7	0.4680-0.2137i	0.0003-0.0228i	0.3208+0.0112i	0.4345-0.1863i	-0.0084-0.0071i	0.3698+0.1306i	0.1005+0.1434i
28.8	0.4805-0.2290i	0.0003-0.0237i	0.3194+0.0250i	0.4448-0.1989i	-0.0108-0.0125i	0.3614+0.1213i	0.0923+0.1189i
28.9	0.4858-0.2490i	0.0038-0.0202i	0.3139+0.0425i	0.4511-0.2199i	-0.0079-0.0105i	0.3518+0.1093i	0.0797+0.0769i
29.0	0.4936-0.2664i	0.0053-0.0205i	0.3117+0.0535i	0.4585-0.2400i	-0.0030-0.0098i	0.3428+0.1064i	0.0679+0.0525i
29.1	0.5031-0.2884i	0.0061-0.0241i	0.3100+0.0637i	0.4693-0.2645i	-0.0034-0.0079i	0.3297+0.0997i	0.0462+0.0360i
29.2	0.4999-0.3069i	0.0084-0.0282i	0.3076+0.0728i	0.4675-0.2840i	-0.0002-0.0100i	0.3167+0.0962i	0.0286+0.0220i
29.3	0.5039-0.3370i	0.0072-0.0274i	0.3089+0.0844i	0.4693-0.3104i	-0.0006-0.0069i	0.3038+0.0940i	0.0035+0.0104i
29.4	0.4972-0.3596i	0.0031-0.0290i	0.3093+0.0946i	0.4666-0.3311i	-0.0049-0.0066i	0.2907+0.0932i	-0.0161+0.0115i
29.5	0.4830-0.3848i	-0.0013-0.0346i	0.3037+0.1023i	0.4517-0.3573i	-0.0082-0.0089i	0.2823+0.0948i	-0.0237+0.0114i
29.6	0.4716-0.4023i	-0.0008-0.0323i	0.2977+0.1256i	0.4379-0.3746i	-0.0101-0.0083i	0.2739+0.1032i	-0.0338+0.0060i
29.7	0.4630-0.4222i	0.0009-0.0330i	0.2980+0.1386i	0.4295-0.3935i	-0.0074-0.0063i	0.2665+0.1089i	-0.0418+0.0044i
29.8	0.4495-0.4442i	-0.0037-0.0316i	0.3051+0.1531i	0.4129-0.4140i	-0.0098-0.0030i	0.2609+0.1132i	-0.0498+0.0057i
29.9	0.4144-0.4788i	-0.0106-0.0293i	0.3241+0.1620i	0.3835-0.4412i	-0.0112+0.0003i	0.2620+0.1166i	-0.0477+0.0122i
30.0	0.4035-0.4821i	-0.0077-0.0267i	0.3366+0.1872i	0.3693-0.4445i	-0.0033+0.0012i	0.2543+0.1236i	-0.0734+0.0021i
30.1	0.3866-0.5006i	-0.0098-0.0298i	0.3537+0.2057i	0.3496-0.4642i	-0.0047+0.0015i	0.2439+0.1293i	-0.0838-0.0010i
30.2	0.3481-0.5014i	-0.0119-0.0309i	0.3786+0.2007i	0.3158-0.4616i	-0.0085-0.0013i	0.2349+0.1435i	-0.0876+0.0051i
30.3	0.3099-0.4926i	-0.0142-0.0276i	0.3952+0.1862i	0.2848-0.4519i	-0.0084+0.0010i	0.2329+0.1566i	-0.0942+0.0134i
30.4	0.2978-0.4884i	-0.0172-0.0264i	0.3922+0.1807i	0.2716-0.4455i	-0.0081+0.0045i	0.2351+0.1681i	-0.0989+0.0220i
30.5	0.2884-0.4922i	-0.0190-0.0301i	0.3898+0.1814i	0.2644-0.4460i	-0.0077+0.0032i	0.2491+0.1781i	-0.0963+0.0334i
30.6	0.2678-0.4916i	-0.0187-0.0224i	0.3924+0.1928i	0.2473-0.4499i	-0.0039+0.0101i	0.2655+0.1809i	-0.0846+0.0356i
30.7	0.2434-0.4855i	-0.0219-0.0145i	0.3999+0.2018i	0.2260-0.4413i	-0.0024+0.0155i	0.2754+0.1782i	-0.0733+0.0300i
30.8	0.2161-0.4753i	-0.0223-0.0120i	0.4096+0.2062i	0.2051-0.4321i	0.0019+0.0177i	0.2842+0.1680i	-0.0657+0.0191i

30.9	0.2048−0.4532i	−0.0180−0.0112i	0.4249+0.2134i	0.1989−0.4130i	0.0073+0.0175i	0.2882+0.1578i	−0.0702−0.0018i
31.0	0.1914−0.4371i	−0.0114−0.0105i	0.4499+0.2115i	0.1911−0.4022i	0.0131+0.0153i	0.2915+0.1513i	−0.0796−0.0087i
31.1	0.1862−0.4254i	−0.0046−0.0113i	0.4643+0.2110i	0.1894−0.3947i	0.0218+0.0137i	0.2969+0.1431i	−0.0782−0.0231i
31.2	0.1816−0.4090i	−0.0068−0.0176i	0.4821+0.2127i	0.1818−0.3812i	0.0238+0.0045i	0.2915+0.1251i	−0.0930−0.0416i
31.3	0.1732−0.3876i	−0.0107−0.0217i	0.4988+0.2123i	0.1764−0.3649i	0.0192+0.0027i	0.2795+0.1113i	−0.1150−0.0550i
31.4	0.1705−0.3688i	−0.0110−0.0260i	0.5177+0.2031i	0.1771−0.3505i	0.0192−0.0009i	0.2707+0.0994i	−0.1347−0.0666i
31.5	0.1838−0.3501i	−0.0131−0.0245i	0.5394+0.1854i	0.1895−0.3345i	0.0192−0.0060i	0.2555+0.0960i	−0.1592−0.0608i
31.6	0.1928−0.3342i	−0.0105−0.0310i	0.5602+0.1597i	0.1989−0.3250i	0.0235−0.0166i	0.2390+0.0894i	−0.1777−0.0576i
31.7	0.1957−0.3242i	−0.0096−0.0368i	0.5620+0.1400i	0.2058−0.3191i	0.0246−0.0221i	0.2295+0.0819i	−0.1809−0.0514i
31.8	0.2128−0.3045i	−0.0181−0.0373i	0.5687+0.1149i	0.2170−0.3143i	0.0162−0.0292i	0.2069+0.0800i	−0.2085−0.0571i
31.9	0.2244−0.2939i	−0.0293−0.0368i	0.5781+0.0962i	0.2233−0.3132i	0.0086−0.0319i	0.1867+0.0764i	−0.2306−0.0660i
32.0	0.2386−0.2833i	−0.0306−0.0394i	0.5791+0.0730i	0.2316−0.3122i	0.0046−0.0345i	0.1655+0.0805i	−0.2620−0.0609i
32.1	0.2565−0.2713i	−0.0409−0.0348i	0.5799+0.0527i	0.2350−0.3048i	−0.0090−0.0326i	0.1391+0.0898i	−0.3026−0.0442i
32.2	0.2674−0.2658i	−0.0523−0.0265i	0.5774+0.0306i	0.2303−0.2967i	−0.0210−0.0253i	0.1177+0.1052i	−0.3304−0.0186i
32.3	0.2836−0.2508i	−0.0615−0.0237i	0.5727+0.0089i	0.2329−0.2911i	−0.0334−0.0259i	0.0911+0.1230i	−0.3590+0.0053i
32.4	0.3071−0.2360i	−0.0764−0.0209i	0.5844−0.0202i	0.2369−0.2876i	−0.0506−0.0275i	0.0679+0.1421i	−0.4028+0.0354i
32.5	0.3380−0.2382i	−0.0843+0.0012i	0.5778−0.0583i	0.2418−0.2694i	−0.0619−0.0048i	0.0535+0.1792i	−0.4262+0.1115i
32.6	0.3645−0.2372i	−0.0899+0.0209i	0.5669−0.0905i	0.2569−0.2515i	−0.0697+0.0159i	0.0463+0.2170i	−0.4281+0.1801i
32.7	0.3938−0.2453i	−0.0841+0.0408i	0.5440−0.1283i	0.2781−0.2351i	−0.0628+0.0330i	0.0505+0.2520i	−0.4123+0.2577i
32.8	0.4305−0.2622i	−0.0776+0.0651i	0.5180−0.1655i	0.3057−0.2201i	−0.0558+0.0593i	0.0584+0.2882i	−0.3947+0.3275i
32.9	0.4605−0.2808i	−0.0588+0.0885i	0.4847−0.2089i	0.3433−0.2053i	−0.0397+0.0858i	0.0735+0.3272i	−0.3547+0.4141i
33.0	0.4887−0.2783i	−0.0393+0.1069i	0.4274−0.2581i	0.3936−0.1851i	−0.0225+0.0990i	0.1005+0.3695i	−0.2655+0.4961i
33.1	0.5140−0.2914i	−0.0066+0.1222i	0.3330−0.2779i	0.4450−0.1835i	0.0042+0.1125i	0.1562+0.3974i	−0.1333+0.5369i
33.2	0.5525−0.3031i	0.0262+0.1059i	0.2490−0.2610i	0.5031−0.2135i	0.0327+0.0967i	0.2126+0.3960i	−0.0096+0.5059i
33.3	0.5927−0.3288i	0.0414+0.0761i	0.1938−0.2148i	0.5511−0.2654i	0.0460+0.0705i	0.2552+0.3721i	0.0772+0.4265i
33.4	0.6268−0.3747i	0.0545+0.0544i	0.1447−0.1422i	0.5854−0.3264i	0.0536+0.0515i	0.2877+0.3304i	0.1397+0.3271i
33.5	0.6597−0.4431i	0.0663+0.0340i	0.0989−0.0578i	0.6126−0.3938i	0.0632+0.0407i	0.3163+0.2684i	0.1906+0.2044i
33.6	0.6707−0.5027i	0.0689+0.0040i	0.1043+0.0137i	0.6183−0.4611i	0.0632+0.0193i	0.3067+0.2161i	0.1770+0.1000i
33.7	0.6624−0.5679i	0.0529−0.0242i	0.1321+0.0673i	0.5996−0.5237i	0.0516+0.0010i	0.2791+0.1746i	0.1393+0.0278i
33.8	0.6243−0.6133i	0.0138−0.0385i	0.1775+0.1128i	0.5598−0.5605i	0.0270−0.0106i	0.2427+0.1397i	0.1027−0.0348i
33.9	0.5929−0.6302i	−0.0166−0.0138i	0.2200+0.1490i	0.5296−0.5700i	0.0031+0.0109i	0.2009+0.1094i	0.0610−0.1355i
34.0	0.5692−0.6487i	−0.0055+0.0138i	0.2625+0.1579i	0.5174−0.5882i	0.0165+0.0345i	0.1516+0.1038i	−0.0537−0.1884i
34.1	0.5608−0.6676i	0.0022+0.0235i	0.3121+0.1437i	0.5036−0.6025i	0.0297+0.0444i	0.1035+0.1172i	−0.1650−0.1662i
34.2	0.5455−0.6729i	0.0096+0.0205i	0.3480+0.1246i	0.4800−0.6106i	0.0356+0.0373i	0.0586+0.1386i	−0.2381−0.1189i
34.3	0.5260−0.6757i	0.0099+0.0187i	0.3461+0.0933i	0.4611−0.6131i	0.0361+0.0349i	0.0432+0.1719i	−0.2499−0.0753i
34.4	0.5285−0.6867i	0.0174+0.0208i	0.3513+0.0576i	0.4691−0.6100i	0.0376+0.0362i	0.0169+0.2075i	−0.3018−0.0310i
34.5	0.5442−0.6874i	0.0194+0.0232i	0.3566+0.0228i	0.4762−0.6028i	0.0401+0.0352i	−0.0068+0.2385i	−0.3263−0.0032i
34.6	0.5528−0.6999i	0.0237+0.0237i	0.3498+0.0006i	0.4848−0.6088i	0.0460+0.0347i	−0.0172+0.2595i	−0.3412+0.0272i
34.7	0.5610−0.7192i	0.0272+0.0247i	0.3335−0.0263i	0.4932−0.6168i	0.0501+0.0360i	−0.0212+0.2880i	−0.3488+0.0477i
34.8	0.5738−0.7468i	0.0325+0.0251i	0.3107−0.0531i	0.5143−0.6310i	0.0550+0.0383i	−0.0259+0.3272i	−0.3632+0.0844i
34.9	0.5906−0.7824i	0.0416+0.0256i	0.2842−0.0776i	0.5406−0.6531i	0.0628+0.0402i	−0.0341+0.3673i	−0.3948+0.1269i
35.0	0.5946−0.8093i	0.0538+0.0257i	0.2511−0.0789i	0.5611−0.6783i	0.0725+0.0368i	−0.0250+0.3847i	−0.4084+0.1487i
35.1	0.6038−0.8427i	0.0546+0.0188i	0.2239−0.0768i	0.5745−0.7082i	0.0747+0.0282i	−0.0225+0.4015i	−0.4245+0.1870i
35.2	0.6160−0.8685i	0.0576+0.0241i	0.1891−0.0910i	0.5988−0.7245i	0.0794+0.0321i	−0.0134+0.4290i	−0.4413+0.2304i
35.3	0.6170−0.9043i	0.0649+0.0164i	0.1449−0.0888i	0.6183−0.7583i	0.0851+0.0285i	0.0025+0.4510i	−0.4180+0.2588i
35.4	0.6232−0.9473i	0.0699+0.0069i	0.1082−0.0793i	0.6379−0.8062i	0.0868+0.0204i	0.0099+0.4674i	−0.4240+0.2929i
35.5	0.6156−0.9973i	0.0767+0.0018i	0.0668−0.0530i	0.6435−0.8667i	0.0937+0.0147i	0.0256+0.4798i	−0.3942+0.3354i
35.6	0.6078−1.0372i	0.0789−0.0070i	0.0411−0.0097i	0.6409−0.9244i	0.0987+0.0075i	0.0330+0.4752i	−0.3657+0.3489i
35.7	0.5994−1.0867i	0.0795−0.0142i	0.0251+0.0219i	0.6359−0.9811i	0.1010+0.0010i	0.0329+0.4846i	−0.3628+0.3741i
35.8	0.5881−1.1421i	0.0811−0.0216i	0.0330+0.0462i	0.6258−1.0426i	0.1019−0.0064i	0.0057+0.4941i	−0.3733+0.4043i
35.9	0.5690−1.1904i	0.0818−0.0197i	0.0324+0.0658i	0.6113−1.0947i	0.1013−0.0025i	0.0024+0.5239i	−0.3762+0.4363i
36.0	0.5323−1.2572i	0.0798−0.0373i	0.0108+0.0910i	0.5804−1.1696i	0.1055−0.0165i	0.0151+0.5495i	−0.3409+0.4715i
36.1	0.4978−1.3075i	0.0768−0.0469i	0.0100+0.1158i	0.5463−1.2306i	0.1011−0.0258i	0.0106+0.5685i	−0.3373+0.4950i
36.2	0.4545−1.3410i	0.0747−0.0584i	0.0226+0.1213i	0.5004−1.2658i	0.0979−0.0340i	0.0052+0.6055i	−0.3380+0.5350i
36.3	0.4174−1.3776i	0.0706−0.0622i	0.0115+0.1267i	0.4627−1.3074i	0.0988−0.0383i	0.0207+0.6373i	−0.3125+0.5719i
36.4	0.3869−1.4164i	0.0709−0.0654i	0.0010+0.1435i	0.4293−1.3501i	0.1016−0.0406i	0.0271+0.6652i	−0.2980+0.6032i
36.5	0.3185−1.4550i	0.0644−0.0668i	−0.0127+0.1588i	0.3526−1.3896i	0.0965−0.0444i	0.0566+0.7038i	−0.2357+0.6782i
36.6	0.2714−1.4798i	0.0545−0.0709i	−0.0244+0.1709i	0.3076−1.4083i	0.0893−0.0470i	0.0885+0.7210i	−0.1846+0.7056i
36.7	0.2024−1.4912i	0.0488−0.0713i	−0.0384+0.1886i	0.2448−1.4194i	0.0861−0.0498i	0.1229+0.7371i	−0.1086+0.7063i
36.8	0.1674−1.4935i	0.0535−0.0741i	−0.0420+0.2144i	0.2125−1.4264i	0.0905−0.0543i	0.1435+0.7395i	−0.0590+0.6893i
36.9	0.1227−1.5036i	0.0613−0.0797i	−0.0491+0.2432i	0.1752−1.4431i	0.0957−0.0568i	0.1736+0.7452i	0.0033+0.6827i
37.0	0.0824−1.4827i	0.0593−0.0872i	−0.0525+0.2636i	0.1366−1.4348i	0.0964−0.0643i	0.1994+0.7386i	0.0636+0.6435i
37.1	0.0866−1.4834i	0.0619−0.1009i	−0.0487+0.3006i	0.1378−1.4469i	0.0993−0.0776i	0.1942+0.7362i	0.0358+0.5687i

37.2	0.0817-1.5171i	0.0680-0.1087i	-0.0415+0.3199i	0.1322-1.4837i	0.0996-0.0823i	0.1979+0.7533i	0.0065+0.5802i
37.3	0.0722-1.5495i	0.0637-0.1135i	-0.0336+0.3227i	0.1205-1.5166i	0.0932-0.0874i	0.2065+0.7726i	-0.0130+0.6149i
37.4	0.0385-1.5779i	0.0591-0.1192i	-0.0213+0.3268i	0.0831-1.5484i	0.0941-0.0908i	0.2132+0.7963i	-0.0170+0.6650i
37.5	-0.0179-1.6297i	0.0587-0.1305i	-0.0049+0.3300i	0.0230-1.6048i	0.0956-0.1007i	0.2213+0.8298i	0.0119+0.7339i
37.6	-0.0689-1.6821i	0.0476-0.1435i	-0.0163+0.3151i	-0.0323-1.6575i	0.0889-0.1071i	0.2449+0.8711i	0.0960+0.8197i
37.7	-0.1153-1.7138i	0.0375-0.1606i	-0.0398+0.3044i	-0.0789-1.6945i	0.0853-0.1220i	0.2860+0.9105i	0.2171+0.8596i
37.8	-0.1789-1.7496i	0.0346-0.1776i	-0.0806+0.3215i	-0.1359-1.7439i	0.0882-0.1391i	0.3535+0.9337i	0.3753+0.8334i
37.9	-0.2652-1.7735i	0.0186-0.1983i	-0.1293+0.3479i	-0.2233-1.7848i	0.0782-0.1563i	0.4368+0.9383i	0.5391+0.7354i
38.0	-0.3509-1.7903i	-0.0038-0.2175i	-0.1580+0.3859i	-0.3216-1.8156i	0.0572-0.1744i	0.5083+0.9213i	0.6198+0.5774i
38.1	-0.4449-1.7763i	-0.0433-0.2309i	-0.1519+0.4444i	-0.4460-1.8115i	0.0270-0.1889i	0.5549+0.8696i	0.5502+0.3892i
38.2	-0.4720-1.7505i	-0.0650-0.2256i	-0.1531+0.4618i	-0.4907-1.7804i	0.0096-0.1854i	0.5750+0.8399i	0.4759+0.3368i
38.3	-0.5116-1.7327i	-0.0853-0.2140i	-0.1619+0.4864i	-0.5477-1.7541i	-0.0099-0.1787i	0.5880+0.7995i	0.4084+0.2961i
38.4	-0.5551-1.7444i	-0.1167-0.1968i	-0.1990+0.5289i	-0.6089-1.7522i	-0.0311-0.1711i	0.6138+0.7723i	0.3290+0.3324i
38.5	-0.6167-1.7758i	-0.1387-0.1849i	-0.2253+0.5779i	-0.6805-1.7698i	-0.0503-0.1598i	0.6387+0.7646i	0.3244+0.3852i
38.6	-0.6735-1.7916i	-0.1505-0.1712i	-0.2470+0.6340i	-0.7451-1.7705i	-0.0660-0.1486i	0.6719+0.7474i	0.3524+0.4149i
38.7	-0.7336-1.8377i	-0.1638-0.1529i	-0.2908+0.7293i	-0.8107-1.7988i	-0.0777-0.1294i	0.7253+0.7015i	0.4147+0.4186i
38.8	-0.8577-1.8480i	-0.1762-0.1373i	-0.2730+0.8436i	-0.9303-1.7918i	-0.0840-0.1128i	0.7476+0.6343i	0.4493+0.3741i
38.9	-0.9475-1.8357i	-0.1793-0.1208i	-0.2322+0.9258i	-1.0134-1.7607i	-0.0885-0.1006i	0.7526+0.5808i	0.4826+0.3434i
39.0	-1.0661-1.8166i	-0.1819-0.1029i	-0.1771+1.0174i	-1.1207-1.7342i	-0.0878-0.0828i	0.7471+0.5221i	0.5167+0.3137i
39.1	-1.1901-1.7428i	-0.1760-0.0868i	-0.0518+1.0616i	-1.2226-1.6589i	-0.0778-0.0726i	0.6887+0.4892i	0.5165+0.2676i
39.2	-1.3075-1.6620i	-0.1742-0.0743i	0.0589+1.0973i	-1.3288-1.5783i	-0.0686-0.0681i	0.6333+0.4532i	0.5170+0.2212i
39.3	-1.4025-1.6332i	-0.1740-0.0706i	0.1075+1.1411i	-1.4091-1.5525i	-0.0646-0.0707i	0.6181+0.4222i	0.5193+0.1778i
39.4	-1.4927-1.5470i	-0.1690-0.0748i	0.1959+1.1216i	-1.4855-1.4767i	-0.0616-0.0832i	0.5763+0.4311i	0.4831+0.1246i
39.5	-1.5761-1.4232i	-0.1721-0.0688i	0.2664+1.1015i	-1.5696-1.3785i	-0.0656-0.0804i	0.5639+0.4588i	0.4471+0.1203i
39.6	-1.6564-1.3110i	-0.1809-0.0745i	0.3306+1.1088i	-1.6496-1.2896i	-0.0715-0.0848i	0.5453+0.4578i	0.4336+0.1218i
39.7	-1.7025-1.2066i	-0.1979-0.0798i	0.3936+1.0793i	-1.7080-1.1979i	-0.0879-0.0914i	0.5271+0.4619i	0.4435+0.1283i
39.8	-1.6951-1.0759i	-0.2293-0.0357i	0.3768+0.9830i	-1.7282-1.0544i	-0.1207-0.0538i	0.5759+0.4873i	0.4729+0.0730i
39.9	-1.6945-0.9675i	-0.2167-0.0093i	0.3622+1.0003i	-1.7308-0.9420i	-0.1077-0.0375i	0.5930+0.4617i	0.4392+0.0308i
40.0	-1.6919-0.8425i	-0.2067-0.0031i	0.3873+1.0461i	-1.7403-0.8221i	-0.0997-0.0366i	0.5812+0.4215i	0.4065+0.0104i
40.1	-1.6723-0.7321i	-0.2023-0.0018i	0.4126+1.0585i	-1.7274-0.7252i	-0.0953-0.0397i	0.5632+0.4003i	0.3811+0.0090i
40.2	-1.6089-0.6274i	-0.1974+0.0008i	0.4896+1.0720i	-1.6810-0.6226i	-0.0952-0.0407i	0.5153+0.3790i	0.3547+0.0035i
40.3	-1.5843-0.5767i	-0.1948+0.0025i	0.5533+1.0812i	-1.6607-0.5734i	-0.0904-0.0412i	0.4769+0.3728i	0.3329-0.0125i
40.4	-1.5558-0.5386i	-0.2007+0.0004i	0.5968+1.0603i	-1.6539-0.5447i	-0.1013-0.0467i	0.4451+0.3924i	0.3083-0.0025i
40.5	-1.5072-0.4843i	-0.2137+0.0156i	0.5994+1.0151i	-1.6401-0.4820i	-0.1223-0.0368i	0.4520+0.4157i	0.2773+0.0208i
40.6	-1.4733-0.4363i	-0.2305+0.0271i	0.6426+1.0121i	-1.6405-0.4140i	-0.1373-0.0277i	0.4407+0.4204i	0.2760+0.0353i
40.7	-1.4500-0.4048i	-0.2457+0.0386i	0.6697+1.0018i	-1.6456-0.3556i	-0.1563-0.0155i	0.4301+0.4170i	0.2777+0.0481i
40.8	-1.4121-0.3703i	-0.2485+0.0699i	0.6908+0.9651i	-1.6216-0.2714i	-0.1654+0.0169i	0.4199+0.4332i	0.2834+0.0532i
40.9	-1.3654-0.3404i	-0.2459+0.1070i	0.6969+0.9303i	-1.5796-0.1881i	-0.1625+0.0498i	0.4210+0.4459i	0.2809+0.0680i
41.0	-1.3480-0.3124i	-0.2336+0.1265i	0.6838+0.9320i	-1.5513-0.1235i	-0.1516+0.0689i	0.4310+0.4434i	0.2888+0.0881i
41.1	-1.3087-0.2903i	-0.2166+0.1446i	0.7034+0.9850i	-1.4856-0.0730i	-0.1369+0.0911i	0.4174+0.3965i	0.3209+0.0900i
41.2	-1.2740-0.2835i	-0.2098+0.1578i	0.7844+1.0170i	-1.4556-0.0344i	-0.1293+0.1065i	0.3504+0.3657i	0.3569+0.0590i
41.3	-1.2389-0.2745i	-0.1852+0.1838i	0.8947+0.9091i	-1.3857+0.0298i	-0.1054+0.1299i	0.2803+0.4520i	0.3426+0.0124i
41.4	-1.2347-0.2631i	-0.1513+0.2002i	0.8295+0.7536i	-1.3071+0.0590i	-0.0757+0.1503i	0.3408+0.5596i	0.2963+0.0456i
41.5	-1.2326-0.2162i	-0.1214+0.1798i	0.6955+0.8380i	-1.2493+0.0692i	-0.0398+0.1296i	0.4282+0.5073i	0.3321+0.0875i
41.6	-1.1998-0.1973i	-0.1095+0.1584i	0.6984+0.9034i	-1.2063+0.0482i	-0.0272+0.1052i	0.4324+0.4628i	0.3729+0.0732i
41.7	-1.1687-0.1764i	-0.1169+0.1401i	0.7208+0.9765i	-1.1902+0.0355i	-0.0336+0.0887i	0.4152+0.4136i	0.4215+0.0660i
41.8	-1.1200-0.1631i	-0.1198+0.1350i	0.8509+1.0053i	-1.1617+0.0386i	-0.0435+0.0800i	0.3420+0.4034i	0.4513+0.0094i
41.9	-1.0894-0.2125i	-0.1335+0.1424i	0.8109+0.8994i	-1.1414+0.0159i	-0.0577+0.0889i	0.4278+0.4415i	0.4199-0.0253i
42.0	-1.0948-0.2323i	-0.1520+0.1574i	0.8117+0.9735i	-1.1679+0.0174i	-0.0721+0.1033i	0.3791+0.3156i	0.4342-0.0238i
42.1	-1.0943-0.2184i	-0.1441+0.1775i	0.8573+0.9858i	-1.1612+0.0432i	-0.0643+0.1183i	0.2980+0.3154i	0.4435-0.0396i
42.2	-1.0847-0.2044i	-0.1541+0.1904i	0.9429+1.1000i	-1.1591+0.0683i	-0.0696+0.1290i	0.2099+0.2529i	0.5077-0.0697i
42.3	-1.0923-0.2233i	-0.1454+0.2217i	1.1275+1.0901i	-1.1714+0.0851i	-0.0640+0.1614i	0.0326+0.2680i	0.5187-0.1356i
42.4	-1.1071-0.2129i	-0.1077+0.2327i	1.1946+0.9273i	-1.1581+0.1361i	-0.0265+0.1711i	-0.0485+0.4589i	0.5003-0.1930i
42.5	-1.1257-0.2050i	-0.0902+0.2326i	1.1824+0.9025i	-1.1307+0.1799i	-0.0052+0.1656i	-0.0210+0.5344i	0.4587-0.2660i
42.6	-1.1387-0.1784i	-0.0811+0.2402i	1.2877+0.8424i	-1.1060+0.1972i	0.0001+0.1666i	-0.0714+0.6001i	0.4212-0.2733i
42.7	-1.1295-0.1385i	-0.0689+0.2365i	1.2787+0.7017i	-1.0580+0.2150i	0.0147+0.1607i	-0.0114+0.7096i	0.4120-0.3017i
42.8	-1.0942-0.1328i	-0.0960+0.2096i	1.2712+0.7372i	-1.0507+0.1726i	-0.0140+0.1306i	0.0064+0.6341i	0.3992-0.3207i
42.9	-1.1165-0.1588i	-0.1222+0.2727i	1.3641+0.6147i	-1.1039+0.2225i	-0.0460+0.1989i	-0.1294+0.7348i	0.3953-0.3683i
43.0	-1.1695-0.1250i	-0.0661+0.3628i	1.2840+0.4782i	-1.0822+0.3226i	0.0151+0.2794i	-0.0990+0.9201i	0.3714-0.4517i
43.1	-1.1779-0.0423i	0.0399+0.3634i	1.2082+0.5045i	-0.9969+0.3744i	0.1273+0.2632i	0.0153+0.9902i	0.2593-0.5102i
43.2	-1.1293+0.0179i	0.0873+0.3038i	1.2749+0.5794i	-0.9247+0.3636i	0.1651+0.1984i	0.0472+0.9371i	0.1609-0.4998i
43.3	-1.0588-0.0056i	0.0699+0.2731i	1.4467+0.1854i	-0.8935+0.3572i	0.1291+0.1743i	-0.0617+1.1705i	0.0494-0.4755i
43.4	-1.0739-0.0186i	0.0729+0.2607i	1.0825+0.2004i	-0.8769+0.3288i	0.1352+0.1646i	0.1751+1.1303i	0.0470-0.3848i

43.5	-1.1092+0.0041i	0.0771+0.2518i	1.0251+0.3679i	-0.9167+0.3325i	0.1388+0.1531i	0.1614+1.0219i	0.0787-0.3682i
43.6	-1.1154+0.0682i	0.0826+0.2619i	1.1158+0.4609i	-0.9208+0.4034i	0.1420+0.1554i	0.0501+1.0519i	0.0821-0.3910i
43.7	-1.0689+0.1284i	0.1041+0.2554i	1.2358+0.3840i	-0.8313+0.4686i	0.1574+0.1471i	0.0295+1.2085i	0.0050-0.4303i
43.8	-1.0062+0.1468i	0.1045+0.2517i	1.2675+0.2429i	-0.7829+0.4667i	0.1514+0.1434i	0.0496+1.3358i	-0.0300-0.4009i
43.9	-0.9487+0.1310i	0.1129+0.2428i	1.1523+0.1520i	-0.7420+0.4513i	0.1482+0.1352i	0.1699+1.4178i	-0.0425-0.3661i
44.0	-0.8778+0.0762i	0.1097+0.2696i	1.1356+0.1908i	-0.7067+0.4651i	0.1346+0.1601i	0.2458+1.4249i	0.0061-0.3659i
44.1	-0.9181+0.0253i	0.1658+0.2866i	1.0535+0.0812i	-0.6615+0.4715i	0.1823+0.1914i	0.3496+1.5111i	-0.0520-0.4161i
44.2	-0.9775+0.0523i	0.2060+0.2339i	0.8750+0.1723i	-0.6338+0.4624i	0.2304+0.1481i	0.5204+1.4672i	-0.1072-0.3954i
44.3	-0.9787+0.0669i	0.2192+0.2328i	0.8517+0.3042i	-0.5376+0.4752i	0.2491+0.1422i	0.6717+1.3917i	-0.1707-0.4467i
44.4	-0.9860+0.0875i	0.2554+0.1939i	0.9949+0.4217i	-0.4891+0.3990i	0.2817+0.0996i	0.6271+1.2262i	-0.2806-0.4004i
44.5	-0.9700+0.1234i	0.2300+0.1233i	1.1511+0.2678i	-0.5159+0.3363i	0.2520+0.0336i	0.4887+1.2704i	-0.3134-0.2800i
44.6	-0.9486+0.1370i	0.1965+0.1160i	1.0975+0.1137i	-0.5228+0.3344i	0.2170+0.0321i	0.5048+1.3880i	-0.3128-0.2429i
44.7	-0.9247+0.1514i	0.1977+0.1455i	1.0763+0.1485i	-0.5236+0.3044i	0.2212+0.0577i	0.5368+1.3619i	-0.3427-0.1953i
44.8	-0.8715+0.1720i	0.2101+0.1122i	1.0202+0.0822i	-0.5313+0.2838i	0.2286+0.0275i	0.6097+1.4046i	-0.3677-0.0990i
44.9	-0.8201+0.1479i	0.1368+0.0945i	0.9753+0.1165i	-0.5710+0.2860i	0.1472+0.0101i	0.6427+1.3613i	-0.2760+0.0002i
45.0	-0.8277+0.0961i	0.1193+0.1896i	1.1566+0.0242i	-0.5855+0.3457i	0.1251+0.1139i	0.5081+1.4516i	-0.1893-0.0723i
45.1	-0.8336+0.0575i	0.2025+0.2073i	1.0743-0.1256i	-0.5367+0.3628i	0.2096+0.1430i	0.6252+1.5064i	-0.2360-0.0910i
45.2	-0.8493+0.0406i	0.2215+0.1752i	1.0430-0.1473i	-0.5451+0.3640i	0.2286+0.1147i	0.6088+1.4951i	-0.2413-0.0656i
45.3	-0.8670+0.0418i	0.2276+0.1623i	1.0014-0.3603i	-0.5205+0.4336i	0.2347+0.1107i	0.6161+1.7296i	-0.2226-0.1023i
45.4	-0.8989+0.0716i	0.2435+0.1426i	0.7333-0.3735i	-0.4371+0.4470i	0.2656+0.0909i	0.8481+1.7886i	-0.2947-0.0838i
45.5	-0.8877+0.0644i	0.2279+0.1417i	0.6204-0.3427i	-0.3883+0.4274i	0.2524+0.0957i	0.9962+1.7731i	-0.3065-0.0457i
45.6	-0.9210+0.0474i	0.2254+0.1727i	0.5406-0.2895i	-0.3828+0.3821i	0.2576+0.1269i	1.0731+1.6284i	-0.3202-0.0266i
45.7	-0.9447+0.0550i	0.2737+0.2256i	0.4214-0.3499i	-0.3627+0.4193i	0.3041+0.1696i	1.1169+1.7047i	-0.3073-0.0239i
45.8	-1.0112+0.0223i	0.3675+0.2502i	0.1673-0.3792i	-0.2973+0.4385i	0.3975+0.2011i	1.3055+1.7613i	-0.3566-0.0699i
45.9	-1.1150+0.1196i	0.4871+0.1323i	-0.0810-0.1124i	-0.2312+0.4028i	0.5295+0.0872i	1.4764+1.6337i	-0.5053-0.0043i
46.0	-1.0733+0.2224i	0.4247+0.0188i	-0.0155+0.1112i	-0.1858+0.3691i	0.4742-0.0306i	1.5294+1.5220i	-0.5208+0.1166i
46.1	-1.0710+0.2712i	0.4002+0.0394i	-0.0689+0.2126i	-0.1307+0.3042i	0.4586-0.0193i	1.6554+1.4155i	-0.5607+0.2040i
46.2	-1.0111+0.3701i	0.3964+0.0198i	0.0591+0.4425i	-0.1529+0.2076i	0.4553-0.0582i	1.5807+1.2163i	-0.5426+0.4007i
46.3	-0.9362+0.3242i	0.4576+0.0662i	0.0582+0.3426i	-0.1640+0.2161i	0.5032-0.0136i	1.6237+1.2496i	-0.4096+0.4191i
46.4	-1.0307+0.3057i	0.6313-0.0299i	-0.2588+0.5557i	-0.0776+0.1781i	0.6812-0.1096i	1.8724+1.0186i	-0.4898+0.4110i
46.5	-1.0147+0.4132i	0.5558-0.2048i	0.0090+0.9049i	-0.1273+0.0720i	0.6010-0.2942i	1.6432+0.7400i	-0.4383+0.5953i
46.6	-0.9368+0.4699i	0.4338-0.2448i	0.3575+0.8392i	-0.2195+0.0532i	0.4674-0.3337i	1.3590+0.8435i	-0.2617+0.6931i
46.7	-0.8812+0.4520i	0.3732-0.2234i	0.5107+0.7463i	-0.2737+0.0661i	0.3973-0.3130i	1.2377+0.9346i	-0.1128+0.6860i
46.8	-0.8943+0.4507i	0.3858-0.1998i	0.4236+0.4713i	-0.2665+0.1537i	0.4016-0.2733i	1.3072+1.2291i	-0.0672+0.6021i
46.9	-0.9016+0.4869i	0.4458-0.2279i	0.1281+0.5839i	-0.1602+0.1460i	0.4722-0.2968i	1.6630+1.1633i	-0.1144+0.5936i
47.0	-0.8813+0.5483i	0.4632-0.3390i	0.1391+0.8811i	-0.1269+0.0438i	0.4986-0.4145i	1.7338+0.8647i	-0.1384+0.6786i
47.1	-0.7601+0.5741i	0.2793-0.4479i	0.6120+0.8731i	-0.2718-0.0126i	0.3007-0.5234i	1.3298+0.7897i	0.0894+0.8177i
47.2	-0.7307+0.5720i	0.1896-0.4117i	0.5862+0.6420i	-0.2963+0.0446i	0.2059-0.4765i	1.3230+1.0131i	0.2280+0.7781i
47.3	-0.7198+0.5548i	0.1775-0.3396i	0.3742+0.6172i	-0.2525+0.0687i	0.2084-0.4001i	1.5230+1.0605i	0.2829+0.6771i
47.4	-0.6972+0.5534i	0.1881-0.3137i	0.2499+0.7391i	-0.2185+0.0597i	0.2244-0.3727i	1.6854+0.9492i	0.3240+0.5980i
47.5	-0.6832+0.5722i	0.2047-0.3316i	0.2331+0.9138i	-0.2148+0.0257i	0.2418-0.3950i	1.7251+0.7997i	0.3346+0.5771i
47.6	-0.6611+0.6225i	0.2084-0.3869i	0.2692+1.1495i	-0.2127-0.0182i	0.2475-0.4555i	1.7136+0.6044i	0.3313+0.6068i
47.7	-0.5561+0.6368i	0.1082-0.4113i	0.6709+1.2763i	-0.2836-0.0385i	0.1361-0.4925i	1.4392+0.4746i	0.4833+0.6281i
47.8	-0.5116+0.5765i	0.0566-0.3457i	0.8339+0.9525i	-0.3099+0.0254i	0.0834-0.4168i	1.3421+0.7217i	0.5794+0.4804i
47.9	-0.5271+0.5558i	0.0941-0.3329i	0.5959+0.9315i	-0.2404+0.0246i	0.1280-0.3981i	1.5684+0.7136i	0.5205+0.3867i
48.0	-0.5002+0.6083i	0.0844-0.3889i	0.6893+1.1391i	-0.2466-0.0422i	0.1192-0.4692i	1.5084+0.5030i	0.4759+0.4210i
48.1	-0.4138+0.5796i	0.0094-0.3658i	0.8780+0.9863i	-0.3026-0.0204i	0.0386-0.4506i	1.3638+0.5959i	0.5683+0.4034i
48.2	-0.4330+0.5621i	0.0172-0.3623i	0.7472+0.9987i	-0.2673-0.0230i	0.0554-0.4431i	1.4722+0.5676i	0.5462+0.3668i
48.3	-0.3936+0.5698i	-0.0268-0.3510i	0.8124+1.0754i	-0.2868-0.0378i	0.0093-0.4339i	1.3923+0.5073i	0.6047+0.3712i
48.4	-0.3453+0.5409i	-0.0366-0.3071i	0.9381+1.0370i	-0.3024-0.0210i	-0.0084-0.3893i	1.2951+0.5455i	0.6375+0.2795i
48.5	-0.3263+0.5128i	-0.0231-0.3032i	0.9692+1.0040i	-0.2971-0.0188i	0.0031-0.3836i	1.2792+0.5682i	0.6195+0.2329i
48.6	-0.3118+0.4829i	-0.0427-0.3118i	1.0771+0.9408i	-0.3043-0.0222i	-0.0164-0.3967i	1.2126+0.5983i	0.5988+0.2025i
48.7	-0.2988+0.4644i	-0.0622-0.2957i	1.0569+0.8201i	-0.2976-0.0189i	-0.0371-0.3715i	1.2445+0.7025i	0.5923+0.2010i
48.8	-0.2704+0.4387i	-0.0875-0.2747i	1.0184+0.7721i	-0.3070-0.0261i	-0.0661-0.3499i	1.3096+0.7176i	0.6293+0.2027i
48.9	-0.2641+0.3968i	-0.1151-0.2377i	0.9637+0.7526i	-0.3072-0.0267i	-0.0935-0.3144i	1.3573+0.6898i	0.6889+0.1456i
49.0	-0.2683+0.3572i	-0.0890-0.1947i	0.9306+0.7342i	-0.2973-0.0218i	-0.0649-0.2698i	1.3790+0.6905i	0.6975+0.0823i
49.1	-0.3075+0.3319i	-0.0445-0.1808i	0.8571+0.6821i	-0.2880-0.0100i	-0.0120-0.2452i	1.4170+0.7213i	0.6466+0.0116i
49.2	-0.3337+0.3535i	-0.0143-0.2061i	0.7251+0.7778i	-0.2716-0.0303i	0.0277-0.2748i	1.5032+0.6599i	0.5995+0.0082i
49.3	-0.3255+0.3790i	-0.0185-0.2467i	0.7498+0.9890i	-0.2835-0.0727i	0.0218-0.3307i	1.4862+0.4948i	0.5831+0.0232i
49.4	-0.2870+0.3883i	-0.0636-0.2570i	0.9482+1.0263i	-0.3197-0.0803i	-0.0352-0.3497i	1.3317+0.4670i	0.6092+0.0476i
49.5	-0.2560+0.3490i	-0.0936-0.2157i	0.9949+0.8827i	-0.3277-0.0493i	-0.0669-0.3001i	1.3358+0.5890i	0.6411+0.0117i
49.6	-0.2690+0.3067i	-0.0521-0.1894i	0.9105+0.9145i	-0.3090-0.0516i	-0.0306-0.2706i	1.4303+0.5422i	0.6413-0.0504i
49.7	-0.3134+0.3115i	-0.0241-0.2201i	0.9237+0.9973i	-0.3067-0.0740i	0.0063-0.2982i	1.3830+0.4611i	0.5945-0.0729i

49.8	-0.3113+0.3363i	-0.0425-0.2370i	1.0341+0.9601i	-0.3428-0.0735i	-0.0116-0.3223i	1.2690+0.5093i	0.5741-0.0509i
49.9	-0.2885+0.3354i	-0.0634-0.2341i	1.0464+0.8763i	-0.3508-0.0562i	-0.0359-0.3219i	1.2681+0.5954i	0.6097-0.0320i
50.0	-0.2871+0.3203i	-0.0620-0.2143i	0.9449+0.8637i	-0.3279-0.0499i	-0.0296-0.2950i	1.3679+0.6203i	0.6371-0.0635i
50.1	-0.2919+0.3282i	-0.0393-0.2202i	0.9057+0.9787i	-0.3075-0.0731i	-0.0006-0.3078i	1.4273+0.5411i	0.6254-0.0857i
50.2	-0.2729+0.3273i	-0.0454-0.2302i	0.9481+1.0058i	-0.3249-0.0720i	-0.0185-0.3188i	1.4051+0.5000i	0.6424-0.1058i
50.3	-0.2631+0.3254i	-0.0544-0.2416i	0.9719+1.0502i	-0.3386-0.0758i	-0.0300-0.3322i	1.3933+0.4632i	0.6628-0.1372i
50.4	-0.2623+0.3027i	-0.0675-0.2285i	1.0039+1.0704i	-0.3458-0.0726i	-0.0467-0.3136i	1.3777+0.4264i	0.6824-0.1981i
50.5	-0.2995+0.3009i	-0.0437-0.2311i	1.0287+1.1071i	-0.3446-0.0766i	-0.0209-0.3115i	1.3501+0.3875i	0.6649-0.2515i
50.6	-0.2985+0.3457i	-0.0338-0.2661i	1.0477+1.1707i	-0.3335-0.0925i	-0.0044-0.3506i	1.3446+0.3836i	0.5940-0.2442i
50.7	-0.2659+0.3682i	-0.0559-0.2905i	1.1136+1.2116i	-0.3445-0.1045i	-0.0258-0.3861i	1.3046+0.3488i	0.5697-0.2345i
50.8	-0.2236+0.3779i	-0.0976-0.3068i	1.2599+1.2573i	-0.3767-0.1071i	-0.0732-0.4096i	1.2067+0.3175i	0.6069-0.2339i
50.9	-0.2022+0.3608i	-0.1199-0.2905i	1.3737+1.1607i	-0.3846-0.0854i	-0.1005-0.3919i	1.1132+0.4028i	0.6336-0.2589i
51.0	-0.2019+0.3560i	-0.1222-0.2825i	1.3119+1.1121i	-0.3741-0.0751i	-0.1010-0.3826i	1.1775+0.4554i	0.6349-0.2814i
51.1	-0.1828+0.3692i	-0.1270-0.3025i	1.3366+1.2015i	-0.3687-0.0914i	-0.1084-0.4033i	1.1927+0.3978i	0.6100-0.2907i
51.2	-0.1302+0.3695i	-0.1767-0.3120i	1.4710+1.1916i	-0.3918-0.0974i	-0.1627-0.4104i	1.1130+0.4127i	0.6544-0.2701i
51.3	-0.1073+0.3022i	-0.2026-0.2353i	1.5146+1.0327i	-0.3929-0.0567i	-0.1865-0.3310i	1.0968+0.5250i	0.7057-0.3990i
51.4	-0.1250+0.2963i	-0.1734-0.2244i	1.4411+1.0083i	-0.3679-0.0473i	-0.1581-0.3266i	1.1533+0.5488i	0.6441-0.4656i
51.5	-0.1338+0.3117i	-0.1476-0.2415i	1.3948+1.0856i	-0.3432-0.0623i	-0.1348-0.3467i	1.2022+0.5066i	0.5752-0.4813i
51.6	-0.0988+0.3317i	-0.1652-0.2811i	1.5208+1.1687i	-0.3659-0.0990i	-0.1576-0.3893i	1.1364+0.4449i	0.5497-0.4489i
51.7	-0.0472+0.3017i	-0.2084-0.2752i	1.6649+1.1137i	-0.3885-0.0998i	-0.2063-0.3793i	1.0539+0.4881i	0.5916-0.4596i
51.8	-0.0294+0.2660i	-0.2169-0.2577i	1.7016+1.0223i	-0.3858-0.0832i	-0.2164-0.3585i	1.0460+0.5598i	0.5993-0.5156i
51.9	-0.0448+0.2373i	-0.2056-0.2586i	1.6392+0.9750i	-0.3697-0.0882i	-0.2035-0.3584i	1.1140+0.5794i	0.5490-0.5618i
52.0	-0.0329+0.2452i	-0.2358-0.2728i	1.7093+0.9954i	-0.3911-0.1084i	-0.2341-0.3821i	1.0722+0.5465i	0.5186-0.5368i
52.1	-0.0027+0.2142i	-0.2853-0.2478i	1.8082+0.9095i	-0.4289-0.0985i	-0.2892-0.3471i	1.0053+0.5990i	0.5293-0.5471i
52.2	0.0081+0.1617i	-0.2965-0.2003i	1.8491+0.7788i	-0.4382-0.0667i	-0.3054-0.2896i	0.9690+0.7060i	0.5195-0.6049i
52.3	0.0129+0.1104i	-0.2821-0.1701i	1.7637+0.6493i	-0.4092-0.0492i	-0.2865-0.2608i	1.0684+0.8190i	0.4816-0.6596i
52.4	-0.0334+0.0932i	-0.2449-0.1752i	1.6434+0.7006i	-0.3839-0.0728i	-0.2477-0.2710i	1.1762+0.7608i	0.4106-0.6583i
52.5	-0.0491+0.1143i	-0.2516-0.2014i	1.7014+0.7933i	-0.4062-0.1012i	-0.2597-0.2995i	1.1340+0.6769i	0.3711-0.6140i
52.6	-0.0480+0.0932i	-0.2661-0.1752i	1.7086+0.6886i	-0.4192-0.0778i	-0.2756-0.2700i	1.1124+0.7630i	0.3817-0.6166i
52.7	-0.0996+0.0794i	-0.2252-0.1572i	1.5939+0.6822i	-0.3905-0.0703i	-0.2319-0.2513i	1.2061+0.7863i	0.3303-0.6399i
52.8	-0.1081+0.1113i	-0.2184-0.1975i	1.6271+0.7735i	-0.3803-0.1063i	-0.2235-0.2915i	1.2039+0.7438i	0.3119-0.6182i
52.9	-0.0769+0.1144i	-0.2532-0.2155i	1.7086+0.7535i	-0.4107-0.1267i	-0.2622-0.3118i	1.1650+0.7688i	0.3358-0.6000i
53.0	-0.0665+0.1101i	-0.2778-0.2256i	1.6859+0.7413i	-0.4308-0.1482i	-0.2816-0.3212i	1.2172+0.7863i	0.3158-0.6075i
53.1	-0.0310+0.1066i	-0.3152-0.2309i	1.7202+0.7582i	-0.4696-0.1614i	-0.3232-0.3237i	1.2181+0.7695i	0.3400-0.5847i
53.2	0.0083+0.0809i	-0.3649-0.2195i	1.8024+0.7535i	-0.5197-0.1583i	-0.3816-0.3153i	1.1874+0.7722i	0.3912-0.5797i
53.3	0.0084+0.0201i	-0.3914-0.1655i	1.8491+0.6920i	-0.5511-0.1113i	-0.4070-0.2613i	1.1777+0.8204i	0.4233-0.6711i
53.4	-0.0139-0.0128i	-0.3860-0.1413i	1.8566+0.6520i	-0.5344-0.0914i	-0.4055-0.2322i	1.1863+0.8554i	0.3919-0.7626i
53.5	-0.0570-0.0189i	-0.3806-0.1423i	1.8459+0.5678i	-0.5497-0.1078i	-0.4004-0.2286i	1.2070+0.9009i	0.2794-0.7839i
53.6	-0.0856-0.0236i	-0.3848-0.1059i	1.7719+0.6015i	-0.6096-0.0796i	-0.4102-0.1901i	1.2742+0.8712i	0.2576-0.7325i
53.7	-0.0818+0.0095i	-0.3844-0.1120i	1.8098+0.6788i	-0.6194-0.0393i	-0.4099-0.1962i	1.2505+0.8328i	0.2714-0.7086i
53.8	-0.0473+0.0208i	-0.4293-0.1156i	1.9725+0.6825i	-0.6435-0.0076i	-0.4559-0.2005i	1.1621+0.8361i	0.2961-0.7156i
53.9	-0.0104-0.0470i	-0.4619-0.0326i	2.0315+0.4826i	-0.6635+0.0679i	-0.4957-0.1133i	1.1387+0.9805i	0.3396-0.8041i
54.0	-0.0115-0.0962i	-0.4538+0.0232i	2.0200+0.3966i	-0.6445+0.1238i	-0.4921-0.0476i	1.1810+1.0467i	0.3362-0.8923i
54.1	-0.0506-0.1664i	-0.4048+0.1067i	1.9654+0.2544i	-0.5678+0.2241i	-0.4394+0.0549i	1.2558+1.1918i	0.2642-1.0200i
54.2	-0.1155-0.1295i	-0.3367+0.0733i	1.8706+0.2940i	-0.4830+0.1943i	-0.3624+0.0199i	1.3755+1.1754i	0.1180-1.0185i
54.3	-0.0923-0.1121i	-0.3766+0.0539i	1.9404+0.2706i	-0.5171+0.1512i	-0.4003-0.0051i	1.3822+1.1443i	0.1011-0.9531i
54.4	-0.1120-0.1804i	-0.3604+0.1177i	1.8728+0.1292i	-0.5087+0.2062i	-0.3784+0.0749i	1.4714+1.2288i	0.0702-1.0315i
54.5	-0.1614-0.1624i	-0.2994+0.1253i	1.7293+0.1236i	-0.4430+0.2359i	-0.3120+0.0794i	1.5849+1.2127i	-0.0440-1.0328i
54.6	-0.2044-0.1338i	-0.2455+0.0993i	1.6370+0.1840i	-0.3831+0.2162i	-0.2461+0.0502i	1.6621+1.1482i	-0.1364-0.9955i
54.7	-0.2053-0.0745i	-0.2361+0.0431i	1.6358+0.2954i	-0.3513+0.1581i	-0.2347-0.0139i	1.6946+1.0345i	-0.2140-0.8976i
54.8	-0.1647-0.0522i	-0.2668+0.0231i	1.7014+0.3096i	-0.3551+0.1207i	-0.2716-0.0430i	1.6686+0.9989i	-0.2241-0.8156i
54.9	-0.1487-0.0876i	-0.2783+0.0530i	1.6941+0.2282i	-0.3594+0.1218i	-0.2854-0.0092i	1.6834+1.0430i	-0.2155-0.8096i
55.0	-0.1402-0.1051i	-0.2740+0.0548i	1.6475+0.2241i	-0.3467+0.1121i	-0.2775-0.0019i	1.7246+1.0406i	-0.2212-0.7977i
55.1	-0.1623-0.1173i	-0.2597+0.0550i	1.6121+0.2414i	-0.3390+0.1078i	-0.2589-0.0022i	1.7569+1.0158i	-0.2329-0.7675i
55.2	-0.1609-0.1142i	-0.2703+0.0391i	1.6392+0.2855i	-0.3714+0.0793i	-0.2757-0.0207i	1.7230+0.9558i	-0.2037-0.7126i
55.3	-0.1599-0.1299i	-0.2709+0.0489i	1.6273+0.2822i	-0.3667+0.0780i	-0.2722-0.0152i	1.7428+0.9496i	-0.2175-0.7107i
55.4	-0.1756-0.1351i	-0.2595+0.0630i	1.6266+0.3009i	-0.3465+0.0917i	-0.2599-0.0046i	1.7452+0.9351i	-0.2294-0.6975i
55.5	-0.1820-0.1265i	-0.2554+0.0528i	1.6635+0.2989i	-0.3411+0.0879i	-0.2559-0.0121i	1.7229+0.9495i	-0.2210-0.6690i
55.6	-0.1887-0.1579i	-0.2519+0.0677i	1.6294+0.2135i	-0.3408+0.0999i	-0.2534+0.0064i	1.7653+1.0257i	-0.2120-0.7024i
55.7	-0.1981-0.1609i	-0.2461+0.0623i	1.5778+0.2189i	-0.3279+0.0880i	-0.2495+0.0009i	1.8182+1.0189i	-0.2177-0.7178i
55.8	-0.2287-0.1440i	-0.2299+0.0595i	1.5259+0.2322i	-0.3124+0.0800i	-0.2318-0.0050i	1.8616+0.9899i	-0.2506-0.7148i
55.9	-0.2445-0.1359i	-0.2306+0.0480i	1.5199+0.2763i	-0.3124+0.0688i	-0.2284-0.0148i	1.9028+0.9587i	-0.2796-0.7240i
56.0	-0.2245-0.1198i	-0.2441+0.0248i	1.5706+0.3250i	-0.3266+0.0463i	-0.2487-0.0381i	1.8841+0.9277i	-0.2830-0.7007i

56.1	-0.2099-0.1443i	-0.2607+0.0421i	1.6033+0.2548i	-0.3351+0.0601i	-0.2713-0.0221i	1.8864+0.9809i	-0.2649-0.7065i
56.2	-0.2398-0.1510i	-0.2400+0.0405i	1.5002+0.2714i	-0.3066+0.0462i	-0.2417-0.0206i	1.9649+0.9782i	-0.3048-0.7228i
56.3	-0.2380-0.1242i	-0.2462+0.0211i	1.4969+0.3357i	-0.3178+0.0146i	-0.2499-0.0451i	1.9717+0.9080i	-0.3327-0.7024i
56.4	-0.2361-0.1228i	-0.2539+0.0149i	1.4984+0.3560i	-0.3286+0.0057i	-0.2626-0.0520i	1.9994+0.8986i	-0.3593-0.6994i
56.5	-0.2351-0.1316i	-0.2602+0.0259i	1.4942+0.3580i	-0.3305+0.0139i	-0.2724-0.0399i	2.0172+0.9020i	-0.3842-0.6902i
56.6	-0.2399-0.1276i	-0.2616+0.0157i	1.4888+0.3851i	-0.3260+0.0006i	-0.2679-0.0518i	2.0441+0.8670i	-0.4064-0.6776i
56.7	-0.2247-0.1249i	-0.2771-0.0018i	1.4955+0.4242i	-0.3289-0.0239i	-0.2780-0.0700i	2.0727+0.8127i	-0.4255-0.6385i
56.8	-0.2078-0.1369i	-0.3010+0.0079i	1.5253+0.4342i	-0.3454-0.0287i	-0.3053-0.0603i	2.0780+0.8043i	-0.4360-0.6295i
56.9	-0.1931-0.1529i	-0.3187+0.0057i	1.5533+0.4489i	-0.3633-0.0405i	-0.3264-0.0609i	2.0690+0.7921i	-0.4299-0.6265i
57.0	-0.1852-0.1603i	-0.3267+0.0083i	1.5677+0.4587i	-0.3723-0.0410i	-0.3407-0.0606i	2.0576+0.7561i	-0.4320-0.5917i
57.1	-0.1885-0.1922i	-0.3465+0.0432i	1.6027+0.4672i	-0.3874-0.0171i	-0.3633-0.0263i	2.0692+0.7568i	-0.4507-0.5827i
57.2	-0.1998-0.2359i	-0.3683+0.0760i	1.6202+0.4406i	-0.4150+0.0061i	-0.3882+0.0141i	2.0612+0.7864i	-0.4636-0.5949i
57.3	-0.2259-0.2416i	-0.3590+0.0850i	1.5935+0.4424i	-0.4093+0.0047i	-0.3803+0.0293i	2.0693+0.7783i	-0.4695-0.5914i
57.4	-0.2486-0.2492i	-0.3545+0.0915i	1.5933+0.4463i	-0.4025+0.0058i	-0.3746+0.0326i	2.0782+0.7580i	-0.4780-0.5729i
57.5	-0.2654-0.2586i	-0.3484+0.1062i	1.5899+0.4466i	-0.3982+0.0123i	-0.3636+0.0495i	2.1110+0.7598i	-0.4959-0.5644i
57.6	-0.2989-0.2605i	-0.3371+0.1281i	1.5945+0.4652i	-0.3894+0.0251i	-0.3527+0.0775i	2.1317+0.7493i	-0.5183-0.5405i
57.7	-0.3084-0.2626i	-0.3430+0.1366i	1.6049+0.4926i	-0.3975+0.0215i	-0.3602+0.0844i	2.1511+0.7323i	-0.5275-0.5170i
57.8	-0.3228-0.2558i	-0.3406+0.1359i	1.6020+0.5112i	-0.3919+0.0267i	-0.3564+0.0914i	2.1680+0.7246i	-0.5313-0.4958i
57.9	-0.3585-0.2357i	-0.3203+0.1410i	1.5967+0.5174i	-0.3781+0.0373i	-0.3274+0.0956i	2.1827+0.7149i	-0.5396-0.4781i
58.0	-0.3584-0.2106i	-0.3244+0.1379i	1.6035+0.5483i	-0.3759+0.0259i	-0.3336+0.0907i	2.1786+0.6787i	-0.5544-0.4381i
58.1	-0.3538-0.2204i	-0.3397+0.1610i	1.6212+0.5711i	-0.3845+0.0274i	-0.3578+0.1172i	2.1937+0.6823i	-0.5447-0.4297i
58.2	-0.3495-0.2256i	-0.3535+0.1862i	1.6643+0.5934i	-0.3899+0.0341i	-0.3713+0.1460i	2.1816+0.6771i	-0.5204-0.4227i
58.3	-0.3515-0.2225i	-0.3433+0.1831i	1.6912+0.5955i	-0.3859+0.0227i	-0.3615+0.1424i	2.1931+0.6666i	-0.5258-0.4190i
58.4	-0.3503-0.2175i	-0.3464+0.1897i	1.6988+0.6102i	-0.3904+0.0248i	-0.3685+0.1518i	2.2037+0.6563i	-0.5491-0.4054i
58.5	-0.3487-0.2296i	-0.3436+0.2084i	1.7033+0.6177i	-0.3867+0.0265i	-0.3620+0.1769i	2.2054+0.6505i	-0.5600-0.3879i
58.6	-0.3718-0.2477i	-0.3385+0.2299i	1.7311+0.6144i	-0.3915+0.0313i	-0.3476+0.2058i	2.2333+0.6542i	-0.5750-0.3877i
58.7	-0.3832-0.2543i	-0.3128+0.2503i	1.7676+0.6240i	-0.3934+0.0347i	-0.3221+0.2241i	2.2521+0.6533i	-0.5672-0.3871i
58.8	-0.4049-0.2459i	-0.2910+0.2629i	1.7887+0.6293i	-0.3823+0.0455i	-0.2950+0.2394i	2.2717+0.6411i	-0.5733-0.3687i
58.9	-0.4282-0.2349i	-0.2732+0.2491i	1.8085+0.6256i	-0.3776+0.0392i	-0.2722+0.2210i	2.3002+0.6164i	-0.5972-0.3473i
59.0	-0.4212-0.2301i	-0.2835+0.2525i	1.8540+0.6643i	-0.3937+0.0348i	-0.2833+0.2268i	2.2832+0.6068i	-0.5982-0.3120i
59.1	-0.4285-0.2259i	-0.2788+0.2646i	1.8772+0.6578i	-0.3789+0.0490i	-0.2760+0.2425i	2.2847+0.6160i	-0.5861-0.3024i
59.2	-0.4560-0.2060i	-0.2639+0.2615i	1.8805+0.6558i	-0.3575+0.0441i	-0.2599+0.2347i	2.3007+0.6005i	-0.5789-0.2893i
59.3	-0.4590-0.1937i	-0.2605+0.2476i	1.8979+0.6553i	-0.3610+0.0261i	-0.2617+0.2193i	2.3061+0.5877i	-0.5757-0.2684i
59.4	-0.4481-0.1886i	-0.2655+0.2472i	1.9198+0.6375i	-0.3637+0.0240i	-0.2625+0.2224i	2.2935+0.5794i	-0.5484-0.2582i
59.5	-0.4567-0.1888i	-0.2620+0.2613i	1.9323+0.6467i	-0.3432+0.0304i	-0.2468+0.2366i	2.3357+0.5749i	-0.5364-0.2447i
59.6	-0.4650-0.1838i	-0.2584+0.2728i	1.9700+0.6496i	-0.3490+0.0137i	-0.2381+0.2442i	2.3511+0.5547i	-0.5377-0.2322i
59.7	-0.4596-0.1779i	-0.2647+0.2715i	2.0014+0.6502i	-0.3611-0.0221i	-0.2482+0.2486i	2.3508+0.5469i	-0.5363-0.2197i
59.8	-0.4568-0.1681i	-0.2567+0.2754i	2.0339+0.6440i	-0.2243+0.1190i	-0.2473+0.2553i	2.3659+0.5374i	-0.5182-0.2121i
59.9	-0.4539-0.1418i	-0.2476+0.2767i	2.0336+0.6416i	-5.5886-1.0867i	-0.2399+0.2549i	2.3742+0.5408i	-0.3973-0.0576i
60.0	-0.4776-0.1523i	-0.2461+0.2881i	2.0513+0.6292i	1.4671-3.4391i	-0.2337+0.2626i	2.3605+0.5301i	-0.6407-0.2153i
60.1	-0.4590-0.1474i	-0.2417+0.2909i	2.0796+0.6217i	-1.7574+1.0845i	-0.2296+0.2675i	2.3793+0.5044i	-0.4602-0.2193i
60.2	-0.4591-0.1543i	-0.2475+0.3142i	2.1082+0.6068i	-0.4343-0.0409i	-0.2331+0.2920i	2.3913+0.5082i	-0.5072-0.2170i
60.3	-0.4498-0.1579i	-0.2579+0.3335i	2.1220+0.6044i	-0.4042-0.0138i	-0.2396+0.3129i	2.3706+0.5189i	-0.4890-0.2110i
60.4	-0.4514-0.1635i	-0.2413+0.3508i	2.1362+0.6035i	-0.4014-0.0326i	-0.2246+0.3247i	2.3673+0.5259i	-0.4930-0.2059i
60.5	-0.4679-0.1704i	-0.2099+0.3812i	2.1674+0.6058i	-0.3967-0.0162i	-0.2001+0.3590i	2.3565+0.5168i	-0.5047-0.2029i
60.6	-0.4795-0.1837i	-0.1823+0.4035i	2.1848+0.5938i	-0.4101-0.0070i	-0.1643+0.3904i	2.3597+0.5122i	-0.5132-0.2065i
60.7	-0.5001-0.1783i	-0.1498+0.3902i	2.2078+0.5629i	-0.4046+0.0024i	-0.1299+0.3798i	2.3841+0.5025i	-0.5323-0.2022i
60.8	-0.5156-0.1554i	-0.1047+0.3564i	2.2158+0.5442i	-0.3786-0.0177i	-0.0819+0.3413i	2.4168+0.5082i	-0.5282-0.1886i
60.9	-0.5280-0.1450i	-0.0878+0.3549i	2.2215+0.5399i	-0.3757-0.0211i	-0.0596+0.3423i	2.4218+0.5201i	-0.5237-0.1680i
61.0	-0.5312-0.1365i	-0.0991+0.3443i	2.2202+0.5430i	-0.3770-0.0248i	-0.0696+0.3304i	2.4364+0.5315i	-0.5134-0.1621i
61.1	-0.5206-0.1224i	-0.0973+0.3207i	2.2309+0.5416i	-0.3898-0.0408i	-0.0795+0.3039i	2.4365+0.5253i	-0.5160-0.1520i
61.2	-0.5192-0.1061i	-0.0832+0.3128i	2.2548+0.5390i	-0.3861-0.0467i	-0.0550+0.2963i	2.4633+0.5282i	-0.5309-0.1490i
61.3	-0.5253-0.1071i	-0.0807+0.3304i	2.2721+0.5282i	-0.4040-0.0451i	-0.0481+0.3165i	2.4680+0.5409i	-0.5125-0.1545i
61.4	-0.5268-0.0986i	-0.0803+0.3239i	2.3122+0.5453i	-0.4156-0.0482i	-0.0522+0.3103i	2.4878+0.5529i	-0.4949-0.1267i
61.5	-0.5192-0.0791i	-0.0751+0.3106i	2.3247+0.5483i	-0.4216-0.0589i	-0.0392+0.2925i	2.5239+0.5400i	-0.5016-0.1212i
61.6	-0.5194-0.0606i	-0.0643+0.3000i	2.3399+0.5373i	-0.4220-0.0664i	-0.0212+0.2808i	2.5433+0.5523i	-0.4896-0.1115i
61.7	-0.5094-0.0511i	-0.0617+0.2873i	2.3660+0.5360i	-0.4358-0.0701i	-0.0218+0.2713i	2.5403+0.5484i	-0.4619-0.1179i
61.8	-0.4916-0.0359i	-0.0624+0.2702i	2.3831+0.5443i	-0.4526-0.0854i	-0.0271+0.2504i	2.6029+0.5383i	-0.4734-0.1138i
61.9	-0.4775-0.0292i	-0.0559+0.2631i	2.4097+0.5379i	-0.4714-0.0956i	-0.0214+0.2398i	2.6311+0.5376i	-0.4904-0.1183i
62.0	-0.4633-0.0285i	-0.0649+0.2610i	2.4551+0.5247i	-0.4863-0.0915i	-0.0242+0.2445i	2.6694+0.5386i	-0.4808-0.1182i
62.1	-0.4424-0.0354i	-0.0663+0.2553i	2.4696+0.5199i	-0.4990-0.0823i	-0.0229+0.2433i	2.6628+0.5355i	-0.4745-0.1117i
62.2	-0.4246-0.0345i	-0.0819+0.2509i	2.4599+0.5130i	-0.5192-0.0788i	-0.0437+0.2340i	2.6689+0.5200i	-0.4674-0.0793i
62.3	-0.4152-0.0499i	-0.0763+0.2589i	2.4834+0.4932i	-0.5173-0.0674i	-0.0334+0.2447i	2.6718+0.5056i	-0.4552-0.0882i

62.4	-0.4120-0.0558i	-0.0664+0.2614i	2.4988+0.4847i	-0.5270-0.0618i	-0.0263+0.2497i	2.6912+0.4956i	-0.4585-0.0936i
62.5	-0.3995-0.0544i	-0.0607+0.2615i	2.5078+0.4770i	-0.5443-0.0584i	-0.0170+0.2492i	2.7406+0.4901i	-0.4731-0.0923i
62.6	-0.3915-0.0673i	-0.0500+0.2588i	2.5194+0.4610i	-0.5591-0.0433i	-0.0052+0.2477i	2.7767+0.4841i	-0.4776-0.0990i
62.7	-0.3827-0.0866i	-0.0375+0.2642i	2.5341+0.4589i	-0.5722-0.0248i	0.0064+0.2486i	2.7843+0.4663i	-0.4826-0.0938i
62.8	-0.3734-0.1031i	-0.0302+0.2625i	2.5636+0.4609i	-0.5819-0.0150i	0.0168+0.2510i	2.8093+0.4488i	-0.4715-0.0836i
62.9	-0.3791-0.1251i	-0.0154+0.2584i	2.5788+0.4469i	-0.5949+0.0033i	0.0310+0.2469i	2.8274+0.4336i	-0.4741-0.0722i
63.0	-0.3750-0.1389i	-0.0147+0.2363i	2.5902+0.4357i	-0.6084+0.0185i	0.0306+0.2352i	2.8430+0.4217i	-0.4766-0.0719i
63.1	-0.3790-0.1577i	-0.0060+0.2267i	2.6107+0.4432i	-0.6180+0.0291i	0.0463+0.2219i	2.8833+0.4143i	-0.5055-0.0734i
63.2	-0.3878-0.1719i	0.0012+0.2098i	2.6293+0.4437i	-0.6115+0.0471i	0.0574+0.2027i	2.9246+0.3880i	-0.5141-0.0477i
63.3	-0.3853-0.1908i	0.0083+0.2001i	2.6528+0.4376i	-0.6159+0.0826i	0.0561+0.2078i	2.9331+0.3951i	-0.5044-0.0382i
63.4	-0.3956-0.2185i	0.0081+0.1858i	2.6896+0.4233i	-0.6253+0.1085i	0.0589+0.1959i	2.9658+0.3690i	-0.5025-0.0260i
63.5	-0.4084-0.2311i	-0.0006+0.1670i	2.7165+0.4222i	-0.6198+0.1210i	0.0575+0.1798i	2.9748+0.3558i	-0.4915-0.0049i
63.6	-0.4159-0.2393i	-0.0047+0.1434i	2.7190+0.4218i	-0.6048+0.1367i	0.0628+0.1567i	2.9892+0.3431i	-0.4863+0.0074i
63.7	-0.4281-0.2524i	-0.0125+0.1146i	2.7360+0.4089i	-0.5868+0.1628i	0.0628+0.1325i	3.0041+0.3154i	-0.4801+0.0281i
63.8	-0.4403-0.2705i	-0.0277+0.0940i	2.7739+0.4253i	-0.5836+0.1731i	0.0464+0.1075i	3.0216+0.2881i	-0.4778+0.0432i
63.9	-0.4656-0.2783i	-0.0428+0.0773i	2.8138+0.4192i	-0.5738+0.1790i	0.0299+0.0950i	3.0280+0.2738i	-0.4792+0.0567i
64.0	-0.4858-0.2843i	-0.0563+0.0642i	2.8392+0.4325i	-0.5612+0.1952i	0.0221+0.0937i	3.0259+0.2802i	-0.4624+0.0747i
64.1	-0.5014-0.2789i	-0.0718+0.0532i	2.8455+0.4377i	-0.5286+0.2103i	0.0128+0.0821i	3.0288+0.2659i	-0.4423+0.0840i
64.2	-0.5220-0.2868i	-0.1017+0.0421i	2.9096+0.4031i	-0.5068+0.2233i	0.0029+0.0662i	3.0359+0.2349i	-0.4198+0.0790i
64.3	-0.5535-0.2816i	-0.1415+0.0272i	2.9544+0.3633i	-0.4884+0.2230i	-0.0239+0.0493i	3.0164+0.2129i	-0.3938+0.1085i
64.4	-0.5799-0.2729i	-0.1855+0.0289i	2.9801+0.3599i	-0.4601+0.2008i	-0.0653+0.0514i	3.0369+0.2204i	-0.3769+0.1215i
64.5	-0.5975-0.2647i	-0.2171+0.0258i	2.9908+0.3399i	-0.4453+0.1981i	-0.0961+0.0503i	3.0611+0.2568i	-0.3695+0.1095i
64.6	-0.6118-0.2506i	-0.2521+0.0312i	3.0265+0.2869i	-0.4268+0.1776i	-0.1163+0.0538i	3.0676+0.2329i	-0.3411+0.1108i
64.7	-0.6211-0.2264i	-0.2904+0.0601i	3.0442+0.2709i	-0.4267+0.1595i	-0.1440+0.0685i	3.0732+0.2376i	-0.3086+0.0913i
64.8	-0.6282-0.2237i	-0.3092+0.0842i	3.0756+0.2594i	-0.4377+0.1554i	-0.1667+0.0877i	3.0968+0.2586i	-0.2799+0.0940i
64.9	-0.6384-0.2286i	-0.3306+0.0948i	3.1005+0.2203i	-0.4383+0.1440i	-0.1850+0.1018i	3.1391+0.2477i	-0.2599+0.0919i
65.0	-0.6404-0.2031i	-0.3514+0.1260i	3.0905+0.2044i	-0.4391+0.1406i	-0.1983+0.1303i	3.1711+0.2435i	-0.2562+0.0614i
65.1	-0.6310-0.1806i	-0.3624+0.1521i	3.0865+0.1825i	-0.4459+0.1347i	-0.2085+0.1558i	3.1743+0.2396i	-0.2512+0.0777i
65.2	-0.6248-0.1757i	-0.3762+0.1820i	3.1198+0.1627i	-0.4559+0.1212i	-0.2246+0.1776i	3.2097+0.2076i	-0.2212+0.0783i
65.3	-0.6226-0.1677i	-0.3752+0.1812i	3.1207+0.1622i	-0.4647+0.1190i	-0.2225+0.1770i	3.2437+0.1984i	-0.2307+0.0424i
65.4	-0.6188-0.1714i	-0.3983+0.2063i	3.1596+0.1409i	-0.4660+0.1199i	-0.2386+0.1962i	3.2747+0.1848i	-0.2059+0.0200i
65.5	-0.6099-0.1638i	-0.4261+0.2173i	3.1802+0.1299i	-0.4597+0.1332i	-0.2633+0.2027i	3.3069+0.1622i	-0.1963+0.0181i
65.6	-0.5997-0.1597i	-0.4624+0.2398i	3.1561+0.1171i	-0.4571+0.1310i	-0.2901+0.2208i	3.2973+0.1402i	-0.2233-0.0130i
65.7	-0.6115-0.1785i	-0.5123+0.2895i	3.1934+0.1090i	-0.4640+0.1109i	-0.3346+0.2613i	3.3310+0.1451i	-0.2160-0.0219i
65.8	-0.6124-0.1792i	-0.5076+0.3254i	3.2057+0.0879i	-0.4710+0.1255i	-0.3362+0.3027i	3.3346+0.1382i	-0.2256-0.0246i
65.9	-0.6077-0.1848i	-0.4994+0.3825i	3.2029+0.0358i	-0.4688+0.1204i	-0.3334+0.3537i	3.3216+0.0812i	-0.2335-0.0249i
66.0	-0.6085-0.2039i	-0.4881+0.4224i	3.2049+0.0280i	-0.4637+0.1124i	-0.3221+0.3913i	3.3289+0.0780i	-0.2251-0.0605i
66.1	-0.6038-0.1982i	-0.4971+0.4722i	3.2048+0.0524i	-0.4664+0.1174i	-0.3254+0.4401i	3.3479+0.1013i	-0.2133-0.0599i
66.2	-0.6117-0.2154i	-0.4857+0.5179i	3.2279+0.0617i	-0.4878+0.1133i	-0.3226+0.4835i	3.3632+0.1114i	-0.1967-0.0421i
66.3	-0.6140-0.2201i	-0.4346+0.5396i	3.2357+0.0501i	-0.4961+0.1127i	-0.2733+0.5057i	3.3671+0.0973i	-0.2102-0.0171i
66.4	-0.6133-0.2189i	-0.3942+0.5704i	3.2505+0.0559i	-0.4853+0.1240i	-0.2255+0.5422i	3.3948+0.0977i	-0.2312-0.0305i
66.5	-0.6198-0.2210i	-0.3970+0.5901i	3.2589+0.0656i	-0.4857+0.1351i	-0.2278+0.5699i	3.3915+0.1020i	-0.2038-0.0328i
66.6	-0.6214-0.2266i	-0.3778+0.5965i	3.2843+0.0901i	-0.4964+0.1387i	-0.2026+0.5763i	3.4187+0.1159i	-0.1974-0.0014i
66.7	-0.6260-0.2344i	-0.3757+0.6250i	3.3355+0.1065i	-0.4999+0.1404i	-0.1938+0.6005i	3.4785+0.1342i	-0.1881+0.0112i
66.8	-0.6368-0.2504i	-0.3668+0.6204i	3.3668+0.1157i	-0.5095+0.1323i	-0.1834+0.6027i	3.5150+0.1370i	-0.2030-0.0224i
66.9	-0.6428-0.2488i	-0.3607+0.6364i	3.4289+0.1147i	-0.5119+0.1582i	-0.1738+0.6225i	3.5901+0.1508i	-0.1596-0.0310i
67.0	-0.6488-0.2666i	-0.3588+0.6673i	3.4822+0.1254i	-0.5254+0.1674i	-0.1649+0.6559i	3.6008+0.1651i	-0.1042-0.0377i
67.1	-0.6549-0.2767i	-0.3645+0.6974i	3.5356+0.1056i	-0.5294+0.1654i	-0.1592+0.6828i	3.6665+0.1396i	-0.1245-0.0681i
67.2	-0.6534-0.2736i	-0.3622+0.7208i	3.5941+0.1025i	-0.5251+0.1670i	-0.1452+0.6994i	3.7107+0.1242i	-0.1316-0.0628i
67.3	-0.6676-0.2804i	-0.3521+0.7733i	3.6334+0.0698i	-0.5301+0.1941i	-0.1340+0.7530i	3.7263+0.1068i	-0.1057-0.0877i
67.4	-0.6701-0.3004i	-0.3568+0.8138i	3.6660+0.0595i	-0.5392+0.2185i	-0.1410+0.7890i	3.7534+0.0995i	-0.0730-0.0933i
67.5	-0.6623-0.3266i	-0.3683+0.8515i	3.7370+0.0480i	-0.5538+0.2271i	-0.1446+0.8280i	3.8097+0.1012i	-0.0351-0.0819i
67.6	-0.6751-0.3450i	-0.3616+0.9022i	3.7886+0.0259i	-0.5550+0.2369i	-0.1242+0.8772i	3.8309+0.0975i	-0.0190-0.1023i
67.7	-0.6967-0.3617i	-0.3464+0.9585i	3.8570-0.0082i	-0.5418+0.2571i	-0.1041+0.9339i	3.8702+0.0769i	-0.0076-0.1134i
67.8	-0.7303-0.3933i	-0.2891+1.0472i	3.8822-0.0736i	-0.5286+0.2781i	-0.0421+1.0075i	3.9034+0.0593i	-0.0030-0.1617i
67.9	-0.7583-0.4209i	-0.2205+1.1164i	3.9377-0.0939i	-0.5180+0.2870i	0.0249+1.0737i	3.9517+0.0703i	-0.0165-0.1619i
68.0	-0.7814-0.4307i	-0.1777+1.1513i	3.9364-0.1208i	-0.5166+0.3015i	0.0689+1.1132i	3.9479+0.0826i	0.0108-0.1704i
68.1	-0.8087-0.4227i	-0.0818+1.1726i	3.9174-0.2074i	-0.4979+0.3024i	0.1627+1.1218i	3.9340+0.0380i	0.0460-0.1934i
68.2	-0.8429-0.4309i	-0.0019+1.2025i	3.9322-0.2307i	-0.4803+0.3122i	0.2453+1.1537i	3.9547+0.0635i	0.0566-0.2434i
68.3	-0.8907-0.4544i	0.1038+1.2143i	4.0425-0.1994i	-0.4648+0.3059i	0.3613+1.1774i	4.1346+0.1455i	0.0638-0.2664i
68.4	-0.9189-0.4404i	0.1937+1.1771i	3.9952-0.2306i	-0.4425+0.2958i	0.4498+1.1318i	4.1780+0.1102i	0.0250-0.2792i
68.5	-0.9624-0.4280i	0.2590+1.1523i	3.9705-0.2518i	-0.4422+0.2907i	0.5192+1.1047i	4.1962+0.1073i	0.0230-0.3341i
68.6	-0.9775-0.4192i	0.3144+1.1166i	4.0001-0.3054i	-0.4385+0.2835i	0.5799+1.0707i	4.2520+0.0796i	0.0737-0.3334i

68.7	-1.0060-0.4072i	0.3791+1.0849i	4.0417-0.3100i	-0.4256+0.2833i	0.6502+1.0434i	4.3250+0.0836i	0.1037-0.3639i
68.8	-1.0559-0.3922i	0.4422+1.0443i	4.1044-0.2618i	-0.4301+0.2818i	0.7220+1.0136i	4.4740+0.1322i	0.0860-0.4272i
68.9	-1.0841-0.3683i	0.4852+0.9948i	4.1433-0.2216i	-0.4312+0.2776i	0.7768+0.9746i	4.5810+0.1545i	0.0593-0.4232i
69.0	-1.1059-0.3425i	0.5032+0.9382i	4.1879-0.2354i	-0.4480+0.2680i	0.7994+0.9088i	4.6621+0.0933i	0.0764-0.4422i
69.1	-1.1139-0.3133i	0.4951+0.8918i	4.1797-0.2665i	-0.4648+0.2821i	0.7977+0.8535i	4.6762+0.0180i	0.1067-0.5032i
69.2	-1.1261-0.2892i	0.5056+0.8630i	4.3193-0.2446i	-0.4744+0.2957i	0.8253+0.8229i	4.8523+0.0094i	0.1427-0.5285i
69.3	-1.1222-0.2687i	0.5063+0.8291i	4.3847-0.2050i	-0.4672+0.2967i	0.8344+0.7858i	4.9357+0.0008i	0.1255-0.5928i
69.4	-1.1154-0.2478i	0.4805+0.7869i	4.3726-0.3028i	-0.4793+0.3159i	0.8100+0.7361i	4.9140-0.1326i	0.0826-0.6809i
69.5	-1.1249-0.2676i	0.4324+0.7962i	4.4930-0.3572i	-0.5024+0.3417i	0.7723+0.7452i	5.0071-0.2119i	0.0554-0.7521i
69.6	-1.1128-0.2827i	0.3944+0.8212i	4.5886-0.3754i	-0.5097+0.3676i	0.7497+0.7697i	5.0918-0.2428i	0.0515-0.7838i
69.7	-1.1142-0.2900i	0.3919+0.8658i	4.7168-0.4217i	-0.5071+0.4083i	0.7570+0.8115i	5.2125-0.2917i	0.0154-0.8240i
69.8	-1.1467-0.3032i	0.4119+0.9122i	4.8040-0.4770i	-0.4987+0.4322i	0.7879+0.8386i	5.3394-0.3754i	-0.0231-0.8550i
69.9	-1.1575-0.3203i	0.4416+0.9567i	4.8820-0.5393i	-0.4717+0.4647i	0.8307+0.8740i	5.4690-0.4655i	-0.0335-0.8664i
70.0	-1.1749-0.3350i	0.4732+0.9879i	4.9273-0.5212i	-0.4643+0.5051i	0.8640+0.9139i	5.5022-0.4730i	-0.0408-0.8781i
70.1	-1.2002-0.3496i	0.5083+1.0386i	5.0187-0.5524i	-0.4319+0.5433i	0.9079+0.9634i	5.6113-0.5503i	-0.0521-0.8906i
70.2	-1.2351-0.3862i	0.5640+1.0967i	5.1174-0.6073i	-0.3983+0.5777i	0.9713+1.0205i	5.7527-0.6405i	-0.0659-0.9432i
70.3	-1.2733-0.4003i	0.6325+1.1384i	5.1705-0.6860i	-0.3634+0.6330i	1.0469+1.0613i	5.8217-0.7513i	-0.0816-0.9768i
70.4	-1.3458-0.4018i	0.7561+1.1633i	5.2548-0.8103i	-0.2873+0.6829i	1.1805+1.0820i	5.8757-0.9337i	-0.1276-1.0423i
70.5	-1.4136-0.4072i	0.8813+1.1650i	5.3102-0.9324i	-0.2124+0.7009i	1.3155+1.0870i	5.8774-1.1095i	-0.1760-1.0711i
70.6	-1.4824-0.3852i	0.9815+1.1351i	5.4576-0.9674i	-0.1380+0.7091i	1.4416+1.0502i	6.0114-1.2129i	-0.1631-1.0687i
70.7	-1.5451-0.3540i	1.0946+1.1026i	5.4827-0.9158i	-0.0636+0.7049i	1.5519+1.0247i	6.0621-1.1749i	-0.1850-1.0892i
70.8	-1.6122-0.3089i	1.2279+1.0200i	5.7140-0.9836i	0.0611+0.6712i	1.7254+0.9483i	6.1710-1.2413i	-0.1391-1.1518i
70.9	-1.6777-0.2495i	1.3440+0.9348i	5.7954-1.2100i	0.1421+0.6348i	1.8619+0.8394i	6.2410-1.5007i	-0.1963-1.2472i
71.0	-1.6872-0.1540i	1.3930+0.7988i	5.7746-1.3538i	0.2026+0.5699i	1.9090+0.6910i	6.2239-1.6632i	-0.2557-1.2977i
71.1	-1.6818-0.1107i	1.3944+0.6921i	5.8670-1.4612i	0.2451+0.4894i	1.9273+0.5754i	6.2928-1.7801i	-0.2863-1.3471i
71.2	-1.7060-0.1080i	1.4235+0.6427i	6.0474-1.5410i	0.2732+0.4430i	1.9846+0.5320i	6.4229-1.8603i	-0.3001-1.4168i
71.3	-1.6887-0.1029i	1.3930+0.6048i	6.1750-1.6276i	0.2799+0.3956i	1.9908+0.4875i	6.5281-1.9820i	-0.2789-1.4657i
71.4	-1.6988-0.1000i	1.3878+0.5378i	6.2734-1.7032i	0.2951+0.3184i	2.0219+0.4152i	6.6334-2.0818i	-0.3525-1.5065i
71.5	-1.7275-0.0930i	1.4115+0.5025i	6.3772-1.8917i	0.3123+0.2776i	2.0739+0.3764i	6.6720-2.2858i	-0.4078-1.5704i
71.6	-1.7602-0.0946i	1.4438+0.4587i	6.4151-2.0713i	0.3354+0.2315i	2.1257+0.3095i	6.6495-2.4717i	-0.4725-1.6521i
71.7	-1.7945-0.0809i	1.4575+0.3996i	6.4468-2.3154i	0.3522+0.1785i	2.1786+0.2125i	6.6287-2.7529i	-0.5796-1.7037i
71.8	-1.8682-0.0958i	1.5184+0.3753i	6.6495-2.3886i	0.3836+0.1354i	2.2850+0.1788i	6.8102-2.8507i	-0.6352-1.7750i
71.9	-1.9310-0.0395i	1.5551+0.2915i	6.6060-2.7158i	0.3831+0.0667i	2.3324+0.0495i	6.6246-3.1395i	-0.8151-1.8116i
72.0	-2.0485+0.0301i	1.6294+0.1829i	6.6799-3.0222i	0.3850-0.0105i	2.4446-0.1143i	6.6147-3.4137i	-0.9582-1.8247i
72.1	-2.0633+0.1247i	1.6064+0.0678i	6.5191-3.1355i	0.3689-0.0754i	2.4190-0.2685i	6.4417-3.4545i	-1.0478-1.7719i
72.2	-2.1649+0.1363i	1.7143+0.0404i	6.6840-3.3209i	0.4380-0.1140i	2.5765-0.3232i	6.5315-3.6228i	-1.1261-1.8962i
72.3	-2.2307+0.1898i	1.7605-0.0455i	6.8465-3.5549i	0.4689-0.1931i	2.6685-0.4505i	6.6384-3.8407i	-1.2379-1.9418i
72.4	-2.2793+0.2997i	1.7488-0.1701i	6.7246-3.8472i	0.4223-0.2713i	2.6605-0.6473i	6.5278-4.0300i	-1.3672-1.9000i
72.5	-2.3433+0.4815i	1.7884-0.3559i	6.6051-4.3464i	0.4089-0.3760i	2.6890-0.9259i	6.3441-4.4230i	-1.5657-1.9280i
72.6	-2.3573+0.5556i	1.7608-0.4382i	6.5961-4.4241i	0.3901-0.4288i	2.6670-1.0463i	6.3323-4.4607i	-1.6298-1.8863i
72.7	-2.3658+0.6522i	1.7353-0.5527i	6.4778-4.6789i	0.3600-0.5077i	2.6353-1.2272i	6.2120-4.6238i	-1.7430-1.8235i
72.8	-2.3867+0.7885i	1.7260-0.7004i	6.2935-5.0208i	0.3254-0.6077i	2.6012-1.4506i	5.9934-4.8804i	-1.9103-1.8107i
72.9	-2.4060+0.8965i	1.7101-0.8130i	6.2679-5.2818i	0.2999-0.6727i	2.5886-1.6172i	6.0039-5.0643i	-1.9986-1.7911i
73.0	-2.3478+0.9888i	1.6137-0.9025i	6.1010-5.3602i	0.2416-0.7089i	2.4597-1.7404i	5.8521-5.0657i	-2.0523-1.7086i
73.1	-2.3494+1.1316i	1.5742-1.0747i	5.8414-5.7328i	0.1810-0.8368i	2.3859-1.9869i	5.6529-5.4131i	-2.2510-1.6550i
73.2	-2.3195+1.2386i	1.4950-1.2001i	5.7561-6.0495i	0.1178-0.9242i	2.2911-2.1840i	5.5617-5.6032i	-2.3416-1.6009i
73.3	-2.2552+1.3218i	1.3754-1.2695i	5.5995-6.1279i	0.0360-0.9577i	2.1342-2.2835i	5.5128-5.6636i	-2.3891-1.5353i
73.4	-2.1711+1.3845i	1.2728-1.3110i	5.2954-6.2403i	-0.0328-0.9799i	1.9780-2.3542i	5.2845-5.7543i	-2.4576-1.4666i
73.5	-2.0962+1.5048i	1.1570-1.4254i	5.0357-6.4311i	-0.1166-1.0394i	1.8171-2.5066i	5.0688-5.9224i	-2.5580-1.3917i
73.6	-2.0463+1.5882i	1.0655-1.5110i	4.8334-6.4532i	-0.2045-1.0865i	1.6850-2.6119i	4.9146-5.9413i	-2.6549-1.3163i
73.7	-1.9813+1.7032i	0.9638-1.6123i	4.6260-6.7396i	-0.2976-1.1401i	1.5409-2.7791i	4.7530-6.1820i	-2.7944-1.2516i
73.8	-1.8770+1.7324i	0.7788-1.6268i	4.3702-6.7894i	-0.4429-1.1469i	1.2991-2.8047i	4.5296-6.1773i	-2.8795-1.1389i
73.9	-1.8026+1.7758i	0.6349-1.6789i	4.1075-6.9269i	-0.5479-1.1939i	1.1232-2.8950i	4.3334-6.3280i	-2.9449-1.0548i
74.0	-1.6796+1.7974i	0.4794-1.6541i	3.8300-6.9250i	-0.6508-1.1682i	0.9117-2.8781i	4.1148-6.2602i	-3.0029-0.9028i
74.1	-1.5354+1.8424i	0.2936-1.6284i	3.3034-6.9793i	-0.7980-1.1125i	0.6224-2.8696i	3.6581-6.3481i	-3.0521-0.6764i
74.2	-1.4414+1.8876i	0.1360-1.6529i	3.0364-7.0492i	-0.9164-1.1329i	0.4188-2.9156i	3.4878-6.3950i	-3.1164-0.5712i
74.3	-1.3463+1.8753i	0.0049-1.5983i	2.8914-7.0337i	-1.0046-1.0876i	0.2520-2.8598i	3.3972-6.3818i	-3.1202-0.4492i
74.4	-1.2870+1.8847i	-0.0908-1.6114i	2.7870-7.0787i	-1.0812-1.0978i	0.1318-2.8987i	3.3559-6.4315i	-3.1737-0.4287i
74.5	-1.2268+1.8223i	-0.1907-1.4561i	2.5716-6.9005i	-1.1636-0.9705i	-0.0111-2.7122i	3.2154-6.3135i	-3.0787-0.2998i
74.6	-1.1722+1.8346i	-0.2717-1.4408i	2.4439-6.9372i	-1.2333-0.9552i	-0.1123-2.7079i	3.1253-6.3625i	-3.0898-0.2378i
74.7	-1.1418+1.7795i	-0.3046-1.3780i	2.3805-6.7507i	-1.2491-0.9277i	-0.1552-2.6176i	3.0726-6.2000i	-3.0488-0.1858i
74.8	-1.1090+1.8203i	-0.4092-1.3090i	2.0544-6.9086i	-1.3893-0.8494i	-0.3375-2.5847i	2.8191-6.3853i	-3.1077-0.0373i
74.9	-0.9984+1.8252i	-0.5320-1.2553i	1.7764-6.7927i	-1.4731-0.7595i	-0.5120-2.5151i	2.5911-6.3204i	-3.1403+0.0832i

75.0	−0.9124+1.7554i	−0.6325−1.1397i	1.6126−6.7031i	−1.5229−0.6857i	−0.6394−2.3784i	2.4832−6.2900i	−3.1100+0.2309i
75.1	−0.9340+1.6846i	−0.5980−0.9855i	1.4656−6.5896i	−1.5214−0.5610i	−0.6424−2.2106i	2.3657−6.2219i	−3.0054+0.2364i
75.2	−0.9519+1.6773i	−0.6270−0.9196i	1.3408−6.6763i	−1.5940−0.5188i	−0.6960−2.1647i	2.2878−6.3188i	−3.0357+0.2667i
75.3	−0.9378+1.6385i	−0.6020−0.8385i	0.9824−6.3693i	−1.5910−0.4331i	−0.7275−2.0191i	1.9069−6.0153i	−2.9144+0.2937i
75.4	−0.9026+1.6015i	−0.6622−0.7483i	0.7798−6.1846i	−1.6598−0.3366i	−0.8299−1.8997i	1.7078−5.8848i	−2.9143+0.3782i
75.5	−0.8676+1.5961i	−0.6681−0.6727i	0.6913−6.0156i	−1.6598−0.2435i	−0.8555−1.7945i	1.6333−5.7835i	−2.8769+0.4792i
75.6	−0.8871+1.5602i	−0.6422−0.5979i	0.5514−5.9052i	−1.6661−0.1646i	−0.8490−1.6996i	1.5068−5.6924i	−2.8514+0.4962i
75.7	−0.9154+1.5759i	−0.6351−0.5402i	0.4387−6.0348i	−1.6984−0.0992i	−0.8787−1.6607i	1.3970−5.8292i	−2.8560+0.5152i
75.8	−0.8920+1.5766i	−0.6163−0.4930i	0.3989−5.8895i	−1.6620−0.0253i	−0.8700−1.5896i	1.3513−5.7161i	−2.8260+0.5750i
75.9	−0.9206+1.5846i	−0.6037−0.4202i	0.1613−6.0012i	−1.6883+0.0573i	−0.8907−1.5409i	1.1529−5.8227i	−2.8208+0.6558i
76.0	−0.9499+1.5773i	−0.5040−0.3456i	−0.0512−5.5884i	−1.5993+0.1860i	−0.8183−1.3987i	0.9671−5.4799i	−2.6330+0.6218i
76.1	−0.9823+1.6024i	−0.4752−0.3390i	−0.1120−5.4629i	−1.5881+0.2083i	−0.8026−1.3868i	0.9084−5.3381i	−2.6790+0.5575i
76.2	−0.8953+1.7018i	−0.4916−0.3022i	−0.3357−5.2611i	−1.5765+0.3456i	−0.8629−1.3089i	0.7462−5.1988i	−2.7329+0.7258i
76.3	−0.9247+1.7010i	−0.4237−0.2568i	−0.4613−5.0128i	−1.5276+0.4224i	−0.8108−1.2171i	0.6325−4.9592i	−2.6794+0.6859i
76.4	−0.9615+1.7322i	−0.3425−0.2519i	−0.5580−4.7966i	−1.4630+0.4689i	−0.7441−1.1804i	0.5437−4.7727i	−2.6553+0.6205i
76.5	−0.9444+1.7965i	−0.3223−0.2930i	−0.6240−4.6609i	−1.4331+0.4834i	−0.7355−1.2048i	0.5014−4.6662i	−2.7241+0.6075i
76.6	−0.9054+1.8583i	−0.2921−0.3521i	−0.6836−4.5166i	−1.3714+0.4740i	−0.7123−1.2404i	0.4652−4.5126i	−2.8398+0.5503i
76.7	−0.8884+1.9020i	−0.2842−0.3603i	−0.6933−4.4951i	−1.3418+0.4884i	−0.7017−1.2598i	0.4826−4.5182i	−2.8541+0.5577i
76.8	−0.8770+1.9622i	−0.2897−0.3683i	−0.9535−4.1204i	−1.3491+0.5685i	−0.7466−1.2003i	0.3015−4.1571i	−2.9863+0.6001i
76.9	−0.8536+2.0318i	−0.2758−0.4242i	−0.8409−3.8963i	−1.3051+0.5679i	−0.7109−1.2245i	0.4402−3.9471i	−3.0570+0.5852i
77.0	−0.7857+2.0894i	−0.2843−0.4654i	−0.8183−3.7572i	−1.2474+0.5604i	−0.7186−1.2593i	0.4995−3.8308i	−3.1378+0.6032i
77.1	−0.7192+2.1426i	−0.2873−0.5181i	−0.9329−3.1766i	−1.1889+0.5908i	−0.7379−1.2125i	0.4104−3.3293i	−3.2649+0.5892i
77.2	−0.6792+2.1978i	−0.3040−0.5589i	−0.9578−3.1646i	−1.1928+0.5647i	−0.7589−1.2591i	0.4350−3.3702i	−3.3503+0.6014i
77.3	−0.6104+2.1873i	−0.3448−0.5510i	−0.6610−2.8788i	−1.1481+0.5655i	−0.7266−1.2005i	0.7344−3.1694i	−3.3707+0.7496i
77.4	−0.5341+2.1801i	−0.3825−0.5068i	−0.6258−2.8400i	−1.1460+0.6026i	−0.7575−1.1591i	0.7685−3.2295i	−3.3898+0.9346i
77.5	−0.5041+2.1945i	−0.3854−0.5501i	−0.4282−2.6508i	−1.1013+0.5556i	−0.7130−1.1905i	0.9703−3.0795i	−3.4389+0.9387i
77.6	−0.3828+2.2187i	−0.4681−0.6164i	−0.2533−2.2809i	−1.0817+0.5241i	−0.7560−1.2159i	1.1463−2.7549i	−3.6436+1.0089i
77.7	−0.3088+2.2016i	−0.5420−0.6074i	−0.0709−2.2871i	−1.0908+0.5076i	−0.7955−1.2319i	1.3237−2.7987i	−3.7581+1.1614i
77.8	−0.2336+2.1752i	−0.5700−0.5668i	0.1216−1.8978i	−1.0346+0.5656i	−0.7757−1.1254i	1.4858−2.4859i	−3.7840+1.3642i
77.9	−0.2093+2.1968i	−0.6004−0.5610i	0.3942−1.8508i	−1.0371+0.5689i	−0.7535−1.1401i	1.7256−2.4551i	−3.7528+1.5568i
78.0	−0.1493+2.1794i	−0.6276−0.5174i	0.5337−1.7842i	−1.0107+0.5996i	−0.7617−1.1109i	1.8592−2.5067i	−3.6375+1.7453i
78.1	−0.0838+2.1729i	−0.6708−0.5075i	0.7434−1.8146i	−1.0021+0.5843i	−0.7740−1.1421i	2.0622−2.5806i	−3.6030+1.8986i
78.2	−0.0246+2.2152i	−0.7680−0.5383i	0.9712−1.7046i	−1.0473+0.5578i	−0.8195−1.1983i	2.3729−2.4847i	−3.7820+2.0900i
78.3	0.0284+2.2009i	−0.8079−0.5071i	1.2274−1.7693i	−1.0311+0.5347i	−0.8060−1.2138i	2.6436−2.5656i	−3.6761+2.2074i
78.4	0.0653+2.2618i	−0.8683−0.5154i	1.4501−1.7028i	−1.0513+0.5341i	−0.8219−1.2587i	2.9280−2.5591i	−3.7692+2.3683i
78.5	0.1549+2.2873i	−0.9411−0.4615i	1.4212−1.5554i	−1.1050+0.6131i	−0.9105−1.2157i	2.9424−2.4965i	−3.7737+2.5867i
78.6	0.2622+2.3278i	−1.0327−0.4424i	1.6738−1.8727i	−1.1426+0.5819i	−0.9768−1.3386i	3.2036−2.8705i	−3.7094+2.7151i
78.7	0.3352+2.4014i	−1.0870−0.4408i	1.9847−1.9595i	−1.1420+0.5847i	−0.9938−1.4240i	3.5475−3.0611i	−3.6785+2.8445i
78.8	0.4780+2.5407i	−1.2378−0.4578i	2.5419−2.2188i	−1.1997+0.5647i	−1.0895−1.5928i	4.2233−3.4515i	−3.8721+3.2391i
78.9	0.7828+2.7237i	−1.4192−0.4953i	2.8728−2.9616i	−1.2468+0.5009i	−1.3334−1.8848i	4.5809−4.3598i	−3.9777+3.4839i
79.0	1.3209+2.4853i	−1.6992−0.2040i	1.9295−3.4845i	−1.4108+0.6617i	−1.9694−1.6771i	3.5811−5.1824i	−3.7912+4.1153i
79.1	1.3641+2.0193i	−1.6533+0.0924i	1.2159−2.9245i	−1.4179+0.8258i	−2.0861−1.1818i	2.6986−4.7004i	−3.3414+4.1070i
79.2	1.2544+1.8504i	−1.5565+0.2413i	1.2240−2.4280i	−1.3942+0.9374i	−1.9906−0.9588i	2.5798−4.2486i	−3.0892+4.0001i
79.3	1.2202+1.8287i	−1.5356+0.2985i	1.6794−2.0470i	−1.3424+0.9950i	−1.8949−0.9065i	3.0191−3.9540i	−3.0531+4.1579i
79.4	1.2128+1.7244i	−1.4315+0.3809i	1.7438−1.8532i	−1.2737+1.0374i	−1.8808−0.7897i	2.9426−3.8232i	−2.8797+4.0258i
79.5	1.3470+1.5762i	−1.4682+0.6095i	1.9043−1.9556i	−1.2856+1.1643i	−2.0453−0.6357i	3.0187−4.2296i	−2.6424+4.2480i
79.6	1.4462+1.4972i	−1.5148+0.6652i	2.2771−2.2291i	−1.2456+1.1296i	−2.0928−0.6457i	3.2997−4.5621i	−2.6256+4.4062i
79.7	1.4595+1.3836i	−1.4283+0.7878i	2.4217−2.0950i	−1.1646+1.2588i	−2.0917−0.4454i	3.2397−4.5167i	−2.5062+4.4997i
79.8	1.5098+1.2310i	−1.4115+0.9494i	2.5854−2.1490i	−1.1569+1.3688i	−2.1655−0.2791i	3.2574−4.6766i	−2.3573+4.7407i
79.9	1.4879+1.0259i	−1.3580+1.1027i	2.7725−2.3455i	−1.1829+1.4185i	−2.2386−0.0967i	3.2644−4.9235i	−2.2026+4.9303i
80.0	1.4694+0.9455i	−1.2408+1.1474i	2.8712−2.3795i	−1.0660+1.4375i	−2.1613+0.0135i	3.1821−4.9447i	−2.0497+4.8271i

2.1.55 Run 5 – VTC-200 – Accels 1–8

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	15.6623+0.0000i	4.6218+0.0000i	11.1636+0.0000i	18.1241+0.0000i	-1.6812+0.0000i	10.2413+0.0000i	5.6747+0.0000i	7.8990+0.0000i
0.1	3.2066-1.4716i	0.7564-0.3961i	1.9098-0.6087i	3.1660-1.1587i	-0.5473+0.1467i	1.5579-0.6917i	0.1643-0.4147i	0.6777+0.0057i
0.2	0.3750-0.3226i	-0.0143+0.0215i	-0.0221+0.0313i	0.0040+0.0042i	-0.0098+0.0233i	0.0136-0.2541i	-0.0688-0.3315i	-0.2659+0.4952i
0.3	0.0698-0.3463i	-0.0163+0.0265i	-0.0128-0.0086i	-0.0063-0.0006i	-0.0043+0.0512i	0.0258-0.0346i	-0.0117+0.0928i	-0.0207-0.0628i
0.4	-0.2611-0.0377i	-0.0077-0.0056i	0.0019-0.0050i	0.0057-0.0062i	0.0088+0.0091i	-0.0179-0.0339i	-0.0388-0.0150i	0.0307-0.0389i
0.5	-0.0704+0.1930i	-0.0061-0.0023i	-0.0036-0.0020i	-0.0065+0.0013i	0.0013+0.0018i	-0.0010-0.0024i	-0.0141-0.0056i	-0.0267-0.0006i
0.6	-0.0076+0.1027i	-0.0035-0.0005i	0.0008+0.0031i	-0.0043-0.0005i	-0.0018+0.0052i	0.0063-0.0027i	-0.0045+0.0050i	-0.0028-0.0022i
0.7	-0.0318+0.1442i	0.0011-0.0025i	0.0017+0.0012i	-0.0025+0.0003i	-0.0031+0.0012i	0.0041-0.0020i	-0.0029-0.0009i	-0.0017+0.0039i
0.8	0.0267+0.0824i	0.0016-0.0066i	0.0009-0.0034i	-0.0041-0.0029i	0.0020-0.0007i	0.0010+0.0006i	-0.0027-0.0008i	-0.0064+0.0011i
0.9	-0.0527-0.0113i	-0.0066-0.0090i	-0.0039-0.0052i	-0.0030-0.0014i	0.0025+0.0003i	-0.0037-0.0010i	-0.0029-0.0013i	-0.0016-0.0069i
1.0	-0.0988-0.0174i	-0.0082-0.0037i	-0.0017+0.0014i	-0.0021-0.0005i	0.0024+0.0018i	-0.0038-0.0015i	-0.0038-0.0027i	-0.0008+0.0008i
1.1	-0.1329+0.0040i	-0.0118-0.0012i	-0.0047-0.0005i	-0.0064+0.0005i	0.0030+0.0008i	-0.0029-0.0023i	-0.0044-0.0014i	-0.0014-0.0036i
1.2	-0.0228-0.0356i	-0.0101-0.0001i	-0.0017-0.0013i	-0.0077+0.0004i	0.0001-0.0006i	-0.0032+0.0000i	-0.0070-0.0007i	-0.0016-0.0052i
1.3	-0.0004-0.0349i	-0.0106-0.0006i	-0.0012-0.0020i	-0.0089-0.0018i	0.0002-0.0005i	-0.0039+0.0007i	-0.0086-0.0013i	-0.0014-0.0009i
1.4	0.0179+0.0557i	-0.0109-0.0005i	-0.0024-0.0015i	-0.0105-0.0042i	0.0026-0.0012i	-0.0048+0.0017i	-0.0089-0.0017i	-0.0024+0.0012i
1.5	0.0437+0.0958i	-0.0132-0.0004i	-0.0018-0.0005i	-0.0126-0.0034i	0.0033-0.0005i	-0.0064+0.0008i	-0.0110-0.0018i	-0.0011-0.0005i
1.6	0.1020+0.1203i	-0.0171+0.0012i	0.0015+0.0001i	-0.0144-0.0005i	0.0039-0.0003i	-0.0074+0.0001i	-0.0121-0.0019i	0.0041+0.0005i
1.7	0.1612+0.0313i	-0.0229+0.0045i	0.0013-0.0035i	-0.0171-0.0009i	0.0062-0.0024i	-0.0105-0.0002i	-0.0125-0.0013i	0.0095-0.0021i
1.8	0.1360-0.0108i	-0.0329+0.0155i	0.0033-0.0097i	-0.0186-0.0023i	0.0105-0.0115i	-0.0147+0.0021i	-0.0155-0.0024i	0.0116-0.0106i
1.9	0.1101+0.0338i	-0.0340+0.0374i	-0.0053-0.0194i	-0.0230-0.0047i	0.0091-0.0231i	-0.0197+0.0065i	-0.0177-0.0026i	0.0113-0.0251i
2.0	0.1038+0.0608i	-0.0185+0.0643i	-0.0249-0.0220i	-0.0255-0.0044i	-0.0046-0.0374i	-0.0281+0.0222i	-0.0208-0.0046i	-0.0014-0.0422i
2.1	0.1027+0.0429i	0.0146+0.0932i	-0.0293-0.0044i	-0.0278-0.0028i	-0.0290-0.0487i	-0.0094+0.0586i	-0.0245-0.0044i	-0.0264-0.0564i
2.2	0.1375+0.0270i	0.1181+0.0875i	-0.0326-0.0523i	-0.0326-0.0030i	-0.1015-0.0720i	0.0524+0.0140i	-0.0303-0.0044i	-0.1048-0.0740i
2.3	0.2004+0.0256i	0.1967+0.0139i	-0.1286-0.0253i	-0.0373-0.0022i	-0.2113-0.0054i	0.0278-0.0098i	-0.0381-0.0022i	-0.2107-0.0061i
2.4	0.2194+0.0021i	0.0525-0.1288i	-0.0346+0.1151i	-0.0369+0.0003i	-0.0480+0.1751i	0.0151+0.0094i	-0.0342+0.0045i	-0.0489+0.1717i
2.5	0.2437-0.0371i	-0.0499-0.0649i	0.0544+0.0599i	-0.0363-0.0009i	0.0813+0.0882i	0.0179+0.0041i	-0.0327+0.0027i	0.0771+0.0883i
2.6	0.2176-0.0540i	-0.0287-0.0155i	0.0291+0.0169i	-0.0426-0.0008i	0.0474+0.0249i	0.0128+0.0020i	-0.0387+0.0006i	0.0456+0.0256i
2.7	0.2569+0.0085i	-0.0205-0.0066i	0.0221+0.0078i	-0.0485-0.0025i	0.0341+0.0136i	0.0098+0.0018i	-0.0419-0.0005i	0.0359+0.0134i
2.8	0.2633-0.0053i	-0.0159-0.0049i	0.0134+0.0055i	-0.0517-0.0015i	0.0214+0.0126i	0.0083+0.0008i	-0.0431-0.0005i	0.0249+0.0119i
2.9	0.3411+0.0605i	-0.0120-0.0016i	0.0114+0.0056i	-0.0548-0.0014i	0.0217+0.0112i	0.0079-0.0016i	-0.0494-0.0017i	0.0257+0.0132i
3.0	0.4004+0.0418i	-0.0115-0.0014i	0.0087+0.0030i	-0.0605-0.0026i	0.0189+0.0041i	0.0056+0.0015i	-0.0538-0.0038i	0.0220+0.0061i
3.1	0.3390+0.0185i	-0.0124-0.0027i	0.0017+0.0044i	-0.0653-0.0046i	0.0114+0.0057i	0.0062+0.0007i	-0.0563-0.0031i	0.0165+0.0029i
3.2	0.3311+0.1336i	-0.0136-0.0047i	0.0052+0.0099i	-0.0713-0.0056i	0.0137+0.0127i	0.0068+0.0041i	-0.0630-0.0018i	0.0178+0.0077i
3.3	0.3869+0.0474i	-0.0089+0.0062i	0.0011+0.0026i	-0.0761-0.0032i	0.0213+0.0089i	0.0080+0.0064i	-0.0709-0.0012i	0.0246+0.0114i
3.4	0.3492-0.0197i	0.0002+0.0052i	-0.0060+0.0035i	-0.0792-0.0042i	0.0220+0.0071i	0.0088+0.0049i	-0.0760-0.0029i	0.0265+0.0071i
3.5	0.3544-0.1744i	0.0017-0.0048i	-0.0082+0.0055i	-0.0891-0.0069i	0.0159+0.0013i	0.0107+0.0067i	-0.0822-0.0068i	0.0295+0.0053i
3.6	0.2926-0.1066i	-0.0051-0.0097i	-0.0069+0.0147i	-0.0992+0.0014i	0.0157-0.0040i	0.0070+0.0010i	-0.0864-0.0045i	0.0276+0.0101i
3.7	0.5257-0.0558i	-0.0161-0.0100i	0.0092+0.0009i	-0.1000+0.0057i	0.0061-0.0031i	0.0064-0.0014i	-0.0961+0.0033i	0.0182-0.0007i
3.8	0.5403-0.0175i	-0.0159-0.0076i	0.0067+0.0010i	-0.1070-0.0008i	0.0084-0.0003i	0.0062-0.0015i	-0.0988+0.0008i	0.0197-0.0005i
3.9	0.5192+0.0175i	-0.0151-0.0023i	0.0026+0.0022i	-0.1124-0.0004i	0.0090+0.0003i	0.0061+0.0008i	-0.1044+0.0008i	0.0207+0.0001i
4.0	0.5325+0.0450i	-0.0109+0.0007i	0.0004+0.0025i	-0.1193-0.0011i	0.0098+0.0003i	0.0085+0.0021i	-0.1111-0.0001i	0.0231+0.0002i
4.1	0.5748+0.0529i	-0.0087-0.0010i	-0.0005+0.0012i	-0.1264-0.0026i	0.0101-0.0004i	0.0102+0.0003i	-0.1173-0.0020i	0.0244+0.0001i
4.2	0.6071+0.0306i	-0.0090-0.0027i	-0.0021-0.0005i	-0.1344-0.0033i	0.0098-0.0008i	0.0096-0.0008i	-0.1249-0.0034i	0.0246+0.0012i
4.3	0.6118+0.0220i	-0.0077-0.0021i	-0.0041-0.0031i	-0.1440-0.0030i	0.0086+0.0005i	0.0108-0.0022i	-0.1350-0.0014i	0.0251+0.0014i
4.4	0.6452+0.0656i	-0.0019-0.0009i	-0.0116-0.0063i	-0.1555-0.0033i	0.0082-0.0018i	0.0111-0.0084i	-0.1482-0.0028i	0.0256+0.0021i
4.5	0.6702+0.0673i	0.0035-0.0022i	-0.0195-0.0066i	-0.1676-0.0033i	0.0081-0.0013i	0.0093-0.0081i	-0.1591-0.0020i	0.0279+0.0012i
4.6	0.7142+0.0531i	0.0049-0.0064i	-0.0270-0.0065i	-0.1784-0.0020i	0.0075-0.0005i	0.0064-0.0125i	-0.1705-0.0008i	0.0317+0.0009i
4.7	0.8948+0.0717i	0.0062-0.0134i	-0.0366-0.0076i	-0.1875-0.0026i	0.0077+0.0019i	0.0021-0.0224i	-0.1824-0.0016i	0.0330+0.0023i
4.8	0.9129-0.0023i	0.0002-0.0178i	-0.0552-0.0003i	-0.1983-0.0008i	0.0067+0.0057i	-0.0177-0.0233i	-0.1986+0.0008i	0.0384+0.0039i
4.9	0.9603-0.0972i	-0.0072-0.0115i	-0.0608+0.0284i	-0.2112+0.0006i	0.0136+0.0069i	-0.0376+0.0039i	-0.2115-0.0002i	0.0520+0.0027i
5.0	0.9472-0.0353i	0.0007-0.0038i	-0.0226+0.0108i	-0.2397-0.0202i	0.0151-0.0076i	0.0007+0.0155i	-0.2315-0.0143i	0.0534-0.0078i
5.1	0.9393+0.0022i	0.0039+0.0016i	-0.0286+0.0070i	-0.2533-0.0216i	0.0142-0.0063i	0.0034+0.0120i	-0.2467-0.0170i	0.0542-0.0070i
5.2	1.0257+0.0222i	0.0100+0.0150i	-0.0372+0.0092i	-0.2755-0.0160i	0.0198-0.0078i	0.0028+0.0096i	-0.2717-0.0160i	0.0632-0.0065i
5.3	1.1330-0.0520i	0.0430+0.0253i	-0.0571+0.0002i	-0.2965-0.0038i	0.0131-0.0177i	-0.0003+0.0057i	-0.2954-0.0051i	0.0658-0.0173i
5.4	1.2014-0.1264i	0.0924+0.0178i	-0.0823+0.0077i	-0.3165+0.0038i	-0.0007-0.0202i	-0.0001+0.0098i	-0.3171+0.0020i	0.0651-0.0195i
5.5	1.2246-0.1268i	0.1394-0.0418i	-0.0960+0.0350i	-0.3361+0.0081i	-0.0198-0.0165i	0.0045+0.0256i	-0.3548+0.0068i	0.0543-0.0226i
5.6	1.1338-0.0916i	0.0976-0.0988i	-0.0982+0.0372i	-0.3818+0.0111i	-0.0316+0.0071i	0.0265+0.0074i	-0.3966+0.0187i	0.0472-0.0048i

5.7	1.3466-0.0701i	0.0719-0.0986i	-0.1089+0.0152i	-0.4134+0.0139i	-0.0252+0.0163i	0.0126-0.0149i	-0.4270+0.0216i	0.0608+0.0076i
5.8	1.4485-0.0294i	0.0742-0.0995i	-0.1351+0.0260i	-0.4528+0.0216i	-0.0217+0.0283i	-0.0005-0.0150i	-0.4698+0.0326i	0.0750+0.0146i
5.9	1.5181+0.0007i	0.0751-0.0969i	-0.1517+0.0388i	-0.4806+0.0273i	-0.0134+0.0312i	-0.0124-0.0103i	-0.5041+0.0393i	0.0931+0.0129i
6.0	1.5636+0.0184i	0.0874-0.0760i	-0.1755+0.0539i	-0.5217+0.0319i	-0.0072+0.0273i	-0.0212+0.0073i	-0.5519+0.0410i	0.1117+0.0075i
6.1	1.6441-0.0287i	0.1305-0.0739i	-0.1996+0.0803i	-0.5846+0.0438i	-0.0058+0.0312i	-0.0122+0.0218i	-0.6249+0.0571i	0.1324+0.0051i
6.2	1.7189-0.0087i	0.1652-0.0794i	-0.2151+0.0909i	-0.6342+0.0464i	-0.0035+0.0360i	-0.0044+0.0251i	-0.6827+0.0622i	0.1503+0.0071i
6.3	1.8372-0.0225i	0.2152-0.1022i	-0.2441+0.1043i	-0.7141+0.0689i	0.0022+0.0412i	0.0047+0.0197i	-0.7769+0.0895i	0.1815+0.0036i
6.4	1.9773-0.0653i	0.2672-0.1210i	-0.2879+0.1173i	-0.7998+0.0881i	0.0056+0.0436i	0.0072+0.0177i	-0.8774+0.1137i	0.2140-0.0009i
6.5	2.1190-0.1159i	0.3327-0.1519i	-0.3419+0.1424i	-0.9013+0.1261i	0.0107+0.0477i	0.0089+0.0170i	-0.9986+0.1589i	0.2539-0.0099i
6.6	2.2385-0.1611i	0.4264-0.2005i	-0.4187+0.1786i	-1.0210+0.1815i	0.0120+0.0520i	0.0098+0.0130i	-1.1464+0.2276i	0.3025-0.0272i
6.7	2.4401-0.1950i	0.5576-0.2796i	-0.5311+0.2380i	-1.1959+0.2556i	0.0164+0.0619i	0.0086+0.0100i	-1.3600+0.3211i	0.3764-0.0507i
6.8	2.7886-0.3947i	0.7452-0.4510i	-0.6971+0.3797i	-1.4558+0.4363i	0.0297+0.0739i	0.0045+0.0108i	-1.6792+0.5470i	0.4911-0.1167i
6.9	3.2342-0.7416i	1.0381-0.7360i	-0.9536+0.6256i	-1.8412+0.7542i	0.0468+0.0879i	0.0004+0.0170i	-2.1588+0.9451i	0.6636-0.2401i
7.0	3.5127-1.5483i	1.1719-1.3850i	-1.0635+1.1786i	-2.0541+1.4868i	0.0807+0.1020i	0.0072+0.0266i	-2.4185+1.8655i	0.7770-0.5406i
7.1	3.2477-2.8434i	0.8340-2.4271i	-0.7643+2.0534i	-1.7737+2.6908i	0.1558+0.0912i	0.0253+0.0277i	-2.0565+3.3765i	0.7122-1.0627i
7.2	1.4340-3.5008i	-0.7175-2.9093i	0.5247+2.4150i	-0.0556+3.3454i	0.1917-0.0175i	0.0310-0.0072i	0.1037+4.1929i	0.0095-1.4292i
7.3	0.3232-2.9998i	-1.6942-2.5339i	1.2725+2.1076i	1.0457+2.8896i	0.1534-0.0620i	-0.0053-0.0131i	1.4893+3.6390i	-0.4904-1.3014i
7.4	-0.2926-2.0127i	-2.3238-1.6719i	1.8266+1.4697i	1.6681+1.9547i	0.1262-0.0850i	-0.0018+0.0230i	2.3028+2.4719i	-0.8268-0.9384i
7.5	-0.2249-1.2598i	-2.3056-0.9835i	1.8582+0.8961i	1.6312+1.2333i	0.1015-0.0964i	0.0179+0.0265i	2.2729+1.5552i	-0.8598-0.6236i
7.6	0.3856-0.6371i	-1.8546-0.4712i	1.4962+0.4240i	1.1383+0.6595i	0.0631-0.0898i	0.0217+0.0130i	1.6612+0.8261i	-0.6936-0.3567i
7.7	0.6077-0.4655i	-1.7078-0.3386i	1.3742+0.3056i	0.9479+0.4902i	0.0557-0.0847i	0.0207+0.0105i	1.4299+0.6150i	-0.6282-0.2841i
7.8	0.8328-0.4587i	-1.6156-0.3407i	1.2924+0.3040i	0.7506+0.4703i	0.0564-0.0821i	0.0208+0.0091i	1.2031+0.5935i	-0.5735-0.2802i
7.9	0.9690-0.4434i	-1.6548-0.3127i	1.3263+0.2732i	0.6633+0.4347i	0.0511-0.0839i	0.0246+0.0077i	1.1255+0.5506i	-0.5887-0.2659i
8.0	1.1058-0.3768i	-1.6920-0.1963i	1.3532+0.1614i	0.5958+0.3572i	0.0466-0.0861i	0.0224+0.0032i	1.0671+0.4378i	-0.6010-0.2105i
8.1	1.2066-0.2949i	-1.7026-0.1156i	1.3577+0.0923i	0.5039+0.3067i	0.0417-0.0900i	0.0196+0.0027i	0.9775+0.3643i	-0.6013-0.1793i
8.2	1.3150-0.2149i	-1.7473-0.0301i	1.3958+0.0183i	0.4472+0.2765i	0.0321-0.0954i	0.0230+0.0030i	0.9317+0.3115i	-0.6255-0.1485i
8.3	1.4247-0.1746i	-1.7619+0.0669i	1.4035-0.0711i	0.3775+0.2445i	0.0175-0.0945i	0.0246+0.0013i	0.8661+0.2510i	-0.6405-0.1037i
8.4	1.5912-0.1106i	-1.7981+0.1684i	1.4269-0.1641i	0.2792+0.2241i	0.0119-0.0902i	0.0247-0.0022i	0.7779+0.2012i	-0.6487-0.0539i
8.5	1.7097-0.1194i	-1.8314+0.2440i	1.4488-0.2295i	0.2171+0.2308i	0.0075-0.0915i	0.0244-0.0041i	0.7241+0.1890i	-0.6571-0.0262i
8.6	1.8166-0.1086i	-1.9120+0.3552i	1.5180-0.3310i	0.1278+0.2385i	-0.0002-0.0926i	0.0232-0.0083i	0.6557+0.1639i	-0.6887+0.0197i
8.7	1.9660-0.0822i	-2.0259+0.4748i	1.6207-0.4406i	0.0433+0.2589i	-0.0041-0.0921i	0.0215-0.0107i	0.6012+0.1511i	-0.7311+0.0702i
8.8	2.1191-0.2080i	-2.1032+0.7556i	1.6869-0.6841i	-0.0333+0.3374i	-0.0222-0.0974i	0.0181-0.0117i	0.5485+0.1591i	-0.7739+0.1681i
8.9	2.2074-0.2946i	-2.2061+1.0193i	1.7807-0.9182i	-0.1024+0.4079i	-0.0313-0.1003i	0.0201-0.0126i	0.5065+0.1581i	-0.8174+0.2659i
9.0	2.2719-0.4140i	-2.2497+1.4355i	1.8270-1.3050i	-0.1600+0.5375i	-0.0420-0.1006i	0.0192-0.0186i	0.4617+0.1723i	-0.8391+0.4270i
9.1	2.3717-0.4683i	-2.1138+1.7011i	1.6754-1.5445i	-0.1675+0.6298i	-0.0412-0.0889i	0.0116-0.0199i	0.4055+0.1939i	-0.7686+0.5370i
9.2	2.5071-0.6596i	-2.2298+2.2811i	1.7792-2.0615i	-0.2379+0.8446i	-0.0518-0.0968i	0.0083-0.0230i	0.3650+0.2574i	-0.8255+0.7385i
9.3	2.3443-0.9912i	-1.5533+3.2940i	1.1778-2.9928i	-0.0254+1.2013i	-0.0887-0.0886i	0.0002-0.0274i	0.4080+0.3460i	-0.6219+1.1355i
9.4	1.9471-1.0141i	-0.0379+3.3434i	-0.2075-3.0551i	0.4822+1.2252i	-0.1102-0.0523i	-0.0099-0.0190i	0.5171+0.3517i	-0.0696+1.2100i
9.5	1.7407-0.7765i	0.8770+2.6329i	-1.0504-2.4185i	0.7889+0.9792i	-0.1039-0.0220i	-0.0125-0.0099i	0.5763+0.2887i	0.2977+0.9871i
9.6	1.7632-0.5434i	1.0012+1.9053i	-1.1845-1.7612i	0.8218+0.7292i	-0.0857-0.0059i	-0.0105-0.0048i	0.5712+0.2286i	0.3818+0.7319i
9.7	1.8839-0.2979i	0.8412+1.2201i	-1.0494-1.1498i	0.7526+0.4948i	-0.0666-0.0034i	-0.0076-0.0003i	0.5411+0.1749i	0.3570+0.4732i
9.8	1.9790-0.1829i	0.7228+0.8606i	-0.9709-0.8331i	0.7044+0.3717i	-0.0566-0.0006i	-0.0057+0.0016i	0.5155+0.1423i	0.3401+0.3417i
9.9	2.1140-0.1415i	0.5553+0.6449i	-0.8415-0.6401i	0.6347+0.2983i	-0.0501+0.0002i	-0.0039+0.0034i	0.4852+0.1237i	0.2957+0.2591i
10.0	2.2220-0.1387i	0.4035+0.5316i	-0.7228-0.5385i	0.5706+0.2605i	-0.0477+0.0005i	-0.0027+0.0040i	0.4598+0.1169i	0.2503+0.2129i
10.1	2.3462-0.1112i	0.2384+0.4382i	-0.6003-0.4567i	0.5033+0.2307i	-0.0428-0.0009i	-0.0021+0.0056i	0.4295+0.1147i	0.2044+0.1727i
10.2	2.4419-0.0567i	0.1075+0.3805i	-0.5127-0.4079i	0.4503+0.2206i	-0.0384-0.0011i	-0.0016+0.0052i	0.4016+0.1185i	0.1748+0.1497i
10.3	2.5470-0.0416i	0.0143+0.3520i	-0.4538-0.3905i	0.4120+0.2261i	-0.0366-0.0018i	-0.0002+0.0066i	0.3835+0.1325i	0.1528+0.1377i
10.4	2.6253-0.0466i	-0.0574+0.3533i	-0.4325-0.3935i	0.4014+0.2419i	-0.0364-0.0014i	0.0010+0.0081i	0.3868+0.1496i	0.1370+0.1337i
10.5	2.6408-0.0683i	-0.1038+0.3521i	-0.4354-0.3668i	0.4072+0.2423i	-0.0341-0.0026i	0.0007+0.0084i	0.3971+0.1531i	0.1337+0.1251i
10.6	2.7432-0.0798i	-0.1373+0.3382i	-0.4349-0.3102i	0.4146+0.2225i	-0.0341-0.0056i	0.0020+0.0098i	0.4085+0.1466i	0.1320+0.1099i
10.7	2.7843-0.0402i	-0.1697+0.3060i	-0.4084-0.2525i	0.4079+0.1938i	-0.0332-0.0046i	0.0022+0.0103i	0.4096+0.1288i	0.1268+0.0935i
10.8	2.8710+0.0052i	-0.2307+0.2557i	-0.3624-0.2060i	0.3866+0.1623i	-0.0323-0.0025i	0.0042+0.0122i	0.3990+0.1079i	0.1143+0.0775i
10.9	2.9590+0.0402i	-0.2935+0.2249i	-0.3293-0.1761i	0.3639+0.1421i	-0.0321-0.0032i	0.0055+0.0134i	0.3873+0.0972i	0.1029+0.0662i
11.0	3.0794+0.1009i	-0.3652+0.2083i	-0.3003-0.1529i	0.3389+0.1264i	-0.0327-0.0040i	0.0070+0.0142i	0.3730+0.0889i	0.0911+0.0564i
11.1	3.1883+0.1076i	-0.4331+0.2080i	-0.2608-0.1368i	0.3126+0.1210i	-0.0313-0.0045i	0.0086+0.0140i	0.3563+0.0859i	0.0812+0.0543i
11.2	3.2109+0.1033i	-0.4963+0.2012i	-0.2304-0.1128i	0.2887+0.1129i	-0.0311-0.0053i	0.0110+0.0146i	0.3431+0.0807i	0.0714+0.0488i
11.3	3.2929+0.0951i	-0.5569+0.1943i	-0.2044-0.1039i	0.2709+0.1073i	-0.0310-0.0048i	0.0135+0.0144i	0.3332+0.0787i	0.0647+0.0435i
11.4	3.3859+0.0897i	-0.6155+0.1807i	-0.1713-0.0969i	0.2528+0.1008i	-0.0319-0.0044i	0.0146+0.0136i	0.3233+0.0743i	0.0574+0.0396i
11.5	3.4986+0.1008i	-0.6873+0.1717i	-0.1510-0.0916i	0.2289+0.0947i	-0.0315-0.0033i	0.0165+0.0143i	0.3099+0.0712i	0.0491+0.0372i
11.6	3.5949+0.0694i	-0.7639+0.1881i	-0.1232-0.0863i	0.2079+0.0953i	-0.0298-0.0032i	0.0178+0.0125i	0.2970+0.0726i	0.0434+0.0348i
11.7	3.6801+0.0606i	-0.8537+0.1847i	-0.0913-0.0802i	0.1864+0.0934i	-0.0299-0.0048i	0.0180+0.0117i	0.2835+0.0723i	0.0369+0.0317i
11.8	3.7291+0.0497i	-0.9310+0.1728i	-0.0623-0.0855i	0.1684+0.0917i	-0.0308-0.0053i	0.0195+0.0107i	0.2716+0.0728i	0.0303+0.0303i
11.9	3.8532+0.0990i	-1.0595+0.1726i	-0.0420-0.0969i	0.1410+0.0939i	-0.0324-0.0039i	0.0207+0.0092i	0.2559+0.0742i	0.0215+0.0279i

12.0	3.9161+0.0905i	-1.1509+0.1982i	-0.0410-0.0907i	0.1227+0.0964i	-0.0316-0.0052i	0.0207+0.0080i	0.2456+0.0772i	0.0162+0.0269i
12.1	3.9896+0.1162i	-1.2862+0.2173i	-0.0395-0.1184i	0.0998+0.1064i	-0.0332-0.0057i	0.0211+0.0076i	0.2322+0.0846i	0.0110+0.0288i
12.2	4.0624+0.0923i	-1.4017+0.2781i	-0.0364-0.1260i	0.0846+0.1227i	-0.0343-0.0059i	0.0222+0.0072i	0.2228+0.0960i	0.0051+0.0318i
12.3	4.1619+0.0595i	-1.5448+0.3131i	-0.0436-0.1454i	0.0665+0.1353i	-0.0361-0.0070i	0.0231+0.0074i	0.2118+0.1061i	-0.0007+0.0330i
12.4	4.2344+0.0838i	-1.6747+0.3663i	-0.0514-0.1663i	0.0559+0.1512i	-0.0379-0.0083i	0.0233+0.0082i	0.2053+0.1194i	-0.0050+0.0367i
12.5	4.3058+0.0946i	-1.8528+0.4722i	-0.1250-0.1699i	0.0536+0.1710i	-0.0404-0.0077i	0.0250+0.0090i	0.2070+0.1343i	-0.0072+0.0422i
12.6	4.3810+0.0706i	-2.0151+0.5808i	-0.2096-0.1370i	0.0574+0.1842i	-0.0423-0.0075i	0.0272+0.0094i	0.2133+0.1424i	-0.0092+0.0448i
12.7	4.4152+0.1165i	-2.2409+0.6541i	-0.3316-0.0739i	0.0613+0.1860i	-0.0444-0.0086i	0.0289+0.0091i	0.2201+0.1459i	-0.0127+0.0476i
12.8	4.5144+0.1346i	-2.4583+0.8156i	-0.4058+0.0671i	0.0575+0.1835i	-0.0488-0.0080i	0.0313+0.0091i	0.2205+0.1448i	-0.0154+0.0512i
12.9	4.6140+0.0902i	-2.7234+0.9932i	-0.4970+0.2346i	0.0479+0.1796i	-0.0522-0.0075i	0.0347+0.0090i	0.2170+0.1437i	-0.0197+0.0572i
13.0	4.6928+0.0477i	-2.9747+1.2968i	-0.5070+0.5108i	0.0386+0.1774i	-0.0564-0.0073i	0.0403+0.0115i	0.2130+0.1439i	-0.0210+0.0671i
13.1	4.8055+0.0629i	-3.1268+1.6506i	-0.3947+0.7785i	0.0266+0.1740i	-0.0610-0.0035i	0.0485+0.0109i	0.2094+0.1432i	-0.0136+0.0738i
13.2	4.9131+0.0633i	-3.3879+2.0275i	-0.2756+1.0553i	0.0031+0.1756i	-0.0645-0.0034i	0.0620+0.0090i	0.1981+0.1441i	-0.0026+0.0786i
13.3	5.0404+0.0652i	-3.6742+2.4679i	-0.1131+1.3072i	-0.0241+0.1901i	-0.0691-0.0039i	0.0774-0.0002i	0.1849+0.1525i	0.0062+0.0741i
13.4	5.0693+0.0725i	-4.0044+3.1533i	0.0215+1.6889i	-0.0441+0.2059i	-0.0777-0.0029i	0.0934-0.0172i	0.1782+0.1649i	0.0140+0.0659i
13.5	5.0730+0.0216i	-4.1034+4.4385i	0.4523+2.5064i	-0.0554+0.2361i	-0.0908+0.0026i	0.1068-0.0573i	0.1817+0.1829i	0.0184+0.0470i
13.6	5.1599-0.0226i	-3.5688+5.9739i	1.4659+3.3424i	-0.0638+0.2728i	-0.1051+0.0136i	0.0979-0.1093i	0.1886+0.2044i	0.0066+0.0318i
13.7	5.2317-0.0149i	-1.9292+6.9019i	3.3052+3.4476i	-0.0483+0.3085i	-0.1118+0.0305i	0.0470-0.1500i	0.2091+0.2196i	-0.0168+0.0306i
13.8	5.2167+0.0335i	-0.1591+6.7332i	5.2318+2.6724i	-0.0189+0.3190i	-0.1151+0.0437i	-0.0223-0.1555i	0.2342+0.2152i	-0.0361+0.0355i
13.9	5.3336+0.1046i	0.6298+5.7957i	6.6011+1.0621i	-0.0064+0.3198i	-0.1231+0.0562i	-0.0736-0.1242i	0.2474+0.2043i	-0.0540+0.0483i
14.0	5.3429+0.1128i	0.4715+4.9418i	7.4042-0.9227i	-0.0061+0.3251i	-0.1360+0.0730i	-0.0976-0.0787i	0.2524+0.1947i	-0.0667+0.0686i
14.1	5.4138+0.1687i	-0.0890+4.8544i	7.4961-2.7518i	-0.0100+0.3375i	-0.1492+0.0976i	-0.0985-0.0448i	0.2540+0.1867i	-0.0724+0.0880i
14.2	5.5308+0.2545i	-0.6634+5.6996i	7.2937-5.1806i	-0.0058+0.3749i	-0.1630+0.1501i	-0.0907-0.0134i	0.2584+0.1852i	-0.0774+0.1214i
14.3	5.5600+0.3608i	-0.4159+7.6021i	6.0013-8.5102i	0.0334+0.4229i	-0.1506+0.2365i	-0.0779+0.0145i	0.2728+0.1761i	-0.0616+0.1732i
14.4	5.7552+0.4977i	1.9560+9.4400i	2.3180-11.2439i	0.1215+0.4431i	-0.0617+0.3266i	-0.0575+0.0368i	0.2818+0.1534i	-0.0091+0.2182i
14.5	6.0498+0.5260i	5.1540+8.7381i	-2.0536-10.4989i	0.1986+0.3886i	0.0673+0.3249i	-0.0343+0.0401i	0.2721+0.1326i	0.0569+0.2115i
14.6	6.2716+0.4690i	7.2955+6.0098i	-4.9482-7.3232i	0.2232+0.2901i	0.1670+0.2408i	-0.0163+0.0308i	0.2500+0.1188i	0.1064+0.1605i
14.7	6.3193+0.3277i	7.3598+3.5135i	-5.3533-4.5181i	0.1852+0.2233i	0.1892+0.1465i	-0.0095+0.0239i	0.2228+0.1139i	0.1157+0.1112i
14.8	6.4015+0.2946i	6.6990+2.0410i	-4.8382-2.9420i	0.1457+0.1992i	0.1741+0.0910i	-0.0097+0.0216i	0.2085+0.1228i	0.1035+0.0860i
14.9	6.5020+0.2134i	5.6550+0.8902i	-4.0478-1.8915i	0.1159+0.1975i	0.1462+0.0461i	-0.0059+0.0206i	0.2048+0.1407i	0.0906+0.0664i
15.0	6.5980+0.2145i	4.8218+0.4211i	-3.5268-1.4748i	0.1047+0.2003i	0.1251+0.0278i	0.0001+0.0200i	0.2122+0.1517i	0.0844+0.0577i
15.1	6.6454+0.2322i	4.2094+0.1704i	-3.2428-1.1298i	0.1077+0.1930i	0.1105+0.0176i	0.0042+0.0179i	0.2261+0.1507i	0.0799+0.0515i
15.2	6.7714+0.1756i	3.5381+0.1279i	-2.9196-0.8898i	0.1039+0.1781i	0.0915+0.0131i	0.0071+0.0163i	0.2381+0.1410i	0.0722+0.0453i
15.3	6.7818+0.1676i	3.2303+0.2643i	-2.6305-0.6511i	0.0884+0.1477i	0.0806+0.0093i	0.0094+0.0104i	0.2319+0.1190i	0.0646+0.0376i
15.4	6.8128+0.2100i	2.9872+0.2727i	-2.4299-0.4214i	0.0735+0.1269i	0.0750+0.0081i	0.0114+0.0057i	0.2263+0.1022i	0.0587+0.0310i
15.5	6.9610+0.2463i	2.8263+0.3119i	-2.2629-0.3438i	0.0495+0.1164i	0.0706+0.0082i	0.0106+0.0037i	0.2153+0.0965i	0.0529+0.0284i
15.6	7.0981+0.2601i	2.6714+0.3474i	-2.0798-0.2668i	0.0264+0.1099i	0.0665+0.0065i	0.0104+0.0010i	0.2043+0.0904i	0.0476+0.0282i
15.7	7.2076+0.2336i	2.5702+0.3070i	-1.9156-0.2051i	-0.0011+0.1068i	0.0633+0.0056i	0.0100+0.0008i	0.1896+0.0847i	0.0426+0.0264i
15.8	7.3130+0.2807i	2.4813+0.2933i	-1.8216-0.1538i	-0.0243+0.1022i	0.0610+0.0052i	0.0091-0.0001i	0.1764+0.0802i	0.0359+0.0228i
15.9	7.4033+0.3204i	2.4126+0.2787i	-1.7136-0.0986i	-0.0511+0.1035i	0.0601+0.0041i	0.0094-0.0013i	0.1567+0.0826i	0.0299+0.0256i
16.0	7.5438+0.3106i	2.3575+0.2482i	-1.6291-0.0510i	-0.0718+0.1067i	0.0579+0.0015i	0.0092-0.0037i	0.1441+0.0879i	0.0258+0.0281i
16.1	7.6430+0.2996i	2.2540+0.2072i	-1.5328-0.0159i	-0.0882+0.1183i	0.0516+0.0017i	0.0086-0.0051i	0.1357+0.0951i	0.0226+0.0323i
16.2	7.6805+0.3288i	2.1597+0.1778i	-1.4556+0.0079i	-0.1030+0.1215i	0.0509+0.0045i	0.0078-0.0061i	0.1293+0.0952i	0.0239+0.0361i
16.3	7.8587+0.2772i	2.0767+0.2079i	-1.4106+0.0049i	-0.1202+0.1279i	0.0555+0.0131i	0.0077-0.0087i	0.1214+0.0981i	0.0239+0.0441i
16.4	8.0233+0.1771i	2.0246+0.2050i	-1.3719+0.0028i	-0.1375+0.1319i	0.0677+0.0138i	0.0088-0.0088i	0.1096+0.1043i	0.0291+0.0461i
16.5	8.1351+0.2567i	2.0105+0.2020i	-1.3160+0.0539i	-0.1588+0.1389i	0.0780+0.0007i	0.0075-0.0088i	0.0937+0.1127i	0.0326+0.0380i
16.6	8.2346+0.3021i	2.0057+0.1913i	-1.2558+0.1481i	-0.1714+0.1545i	0.0794-0.0130i	0.0036-0.0105i	0.0855+0.1252i	0.0303+0.0337i
16.7	8.2978+0.3072i	1.9887+0.1416i	-1.1341+0.2028i	-0.1724+0.1661i	0.0722-0.0267i	-0.0023-0.0107i	0.0891+0.1297i	0.0295+0.0312i
16.8	8.4037+0.2986i	1.9337+0.0748i	-1.0622+0.1443i	-0.1778+0.1719i	0.0659-0.0309i	-0.0032-0.0080i	0.0875+0.1333i	0.0244+0.0308i
16.9	8.5538+0.2799i	1.8345+0.0477i	-1.0336+0.0855i	-0.1911+0.1705i	0.0573-0.0282i	-0.0011-0.0074i	0.0819+0.1410i	0.0162+0.0300i
17.0	8.6432+0.2473i	1.8084+0.0812i	-1.0286+0.1105i	-0.2089+0.1850i	0.0574-0.0284i	-0.0033-0.0088i	0.0752+0.1483i	0.0128+0.0318i
17.1	8.6945+0.2773i	1.7988+0.0424i	-0.9641+0.1580i	-0.2159+0.2040i	0.0545-0.0380i	-0.0073-0.0095i	0.0761+0.1601i	0.0136+0.0354i
17.2	8.7724+0.2574i	1.7587-0.0102i	-0.8735+0.0803i	-0.2111+0.2004i	0.0476-0.0387i	-0.0104-0.0038i	0.0809+0.1562i	0.0146+0.0357i
17.3	8.9663+0.3194i	1.6901-0.0456i	-0.9088+0.0183i	-0.2302+0.1994i	0.0484-0.0337i	-0.0086+0.0003i	0.0688+0.1546i	0.0140+0.0328i
17.4	9.1404+0.3478i	1.6151-0.0436i	-0.9492+0.0458i	-0.2445+0.2057i	0.0465-0.0376i	-0.0061-0.0001i	0.0625+0.1574i	0.0108+0.0335i
17.5	9.2653+0.2654i	1.5785-0.0320i	-0.9221+0.0906i	-0.2517+0.2147i	0.0442-0.0405i	-0.0077-0.0038i	0.0572+0.1581i	0.0100+0.0342i
17.6	9.3549+0.2902i	1.5650-0.0463i	-0.8671+0.0936i	-0.2573+0.2174i	0.0414-0.0409i	-0.0121+0.0018i	0.0536+0.1635i	0.0093+0.0325i
17.7	9.4380+0.3408i	1.5271-0.0647i	-0.8654+0.0846i	-0.2683+0.2130i	0.0412-0.0410i	-0.0124+0.0051i	0.0462+0.1600i	0.0066+0.0327i
17.8	9.5306+0.3194i	1.5072-0.0699i	-0.8679+0.0702i	-0.2884+0.2157i	0.0432-0.0408i	-0.0108+0.0070i	0.0340+0.1587i	0.0035+0.0320i
17.9	9.6950+0.3117i	1.4851-0.0989i	-0.8512+0.0709i	-0.3166+0.2255i	0.0449-0.0433i	-0.0101+0.0144i	0.0176+0.1681i	-0.0008+0.0342i
18.0	9.8012+0.2806i	1.4274-0.1218i	-0.8597+0.0655i	-0.3305+0.2496i	0.0413-0.0496i	-0.0055+0.0188i	0.0074+0.1820i	-0.0034+0.0361i
18.1	9.8958+0.2465i	1.3680-0.1265i	-0.8797+0.0901i	-0.3339+0.2647i	0.0386-0.0531i	0.0008+0.0198i	0.0052+0.1882i	-0.0039+0.0416i
18.2	10.0871+0.2382i	1.3006-0.1218i	-0.8760+0.1234i	-0.3334+0.2769i	0.0326-0.0563i	0.0094+0.0149i	0.0039+0.1975i	-0.0059+0.0438i

18.3	10.1832+0.3285i	1.2707-0.0605i	-0.8377+0.1663i	-0.3324+0.2743i	0.0265-0.0536i	0.0136+0.0087i	0.0047+0.1959i	-0.0048+0.0450i
18.4	10.2654+0.3766i	1.2526-0.0069i	-0.8065+0.1852i	-0.3431+0.2519i	0.0246-0.0494i	0.0143+0.0034i	-0.0025+0.1815i	-0.0049+0.0425i
18.5	10.3876+0.4156i	1.2758+0.0767i	-0.7733+0.1844i	-0.3939+0.2188i	0.0298-0.0405i	0.0086-0.0039i	-0.0438+0.1637i	-0.0133+0.0338i
18.6	10.6614+0.3482i	1.4162+0.0582i	-0.7586+0.1312i	-0.5136+0.2727i	0.0479-0.0442i	-0.0101-0.0006i	-0.1228+0.2114i	-0.0374+0.0425i
18.7	10.7578+0.2781i	1.4455-0.0780i	-0.7928+0.1226i	-0.5362+0.3816i	0.0527-0.0628i	-0.0089+0.0163i	-0.1295+0.2898i	-0.0450+0.0604i
18.8	10.9423+0.1959i	1.3723-0.1603i	-0.7665+0.1708i	-0.4810+0.4505i	0.0433-0.0764i	-0.0002+0.0232i	-0.0837+0.3366i	-0.0316+0.0754i
18.9	10.9906+0.1494i	1.3322-0.1713i	-0.7323+0.2073i	-0.4506+0.4753i	0.0364-0.0811i	0.0057+0.0208i	-0.0602+0.3499i	-0.0238+0.0849i
19.0	11.0683+0.1860i	1.2573-0.1927i	-0.7308+0.2184i	-0.4220+0.4960i	0.0287-0.0853i	0.0132+0.0190i	-0.0361+0.3652i	-0.0175+0.0885i
19.1	11.1775+0.1638i	1.2100-0.1990i	-0.7124+0.2047i	-0.3988+0.5066i	0.0228-0.0874i	0.0179+0.0203i	-0.0197+0.3722i	-0.0115+0.0886i
19.2	11.2936+0.1632i	1.1810-0.1972i	-0.6980+0.1855i	-0.3847+0.5014i	0.0188-0.0860i	0.0238+0.0189i	-0.0085+0.3671i	-0.0106+0.0873i
19.3	11.3891+0.0773i	1.1421-0.1922i	-0.7053+0.1911i	-0.3840+0.5013i	0.0156-0.0863i	0.0312+0.0151i	-0.0060+0.3649i	-0.0092+0.0883i
19.4	11.5496+0.0860i	1.1285-0.1982i	-0.6930+0.1945i	-0.3973+0.5149i	0.0152-0.0895i	0.0374+0.0115i	-0.0132+0.3747i	-0.0104+0.0903i
19.5	11.6233+0.1073i	1.0961-0.2015i	-0.6877+0.2190i	-0.3923+0.5462i	0.0131-0.0949i	0.0442+0.0032i	-0.0095+0.3937i	-0.0096+0.0973i
19.6	11.7491+0.0506i	1.0430-0.1994i	-0.6841+0.2464i	-0.3722+0.5702i	0.0055-0.0972i	0.0443-0.0073i	0.0086+0.4084i	-0.0085+0.1048i
19.7	11.8279+0.0592i	1.0126-0.1917i	-0.6862+0.2640i	-0.3622+0.5777i	0.0017-0.1000i	0.0447-0.0224i	0.0174+0.4153i	-0.0074+0.1081i
19.8	11.9121+0.0752i	0.9882-0.1549i	-0.6425+0.3046i	-0.3372+0.5967i	-0.0056-0.1031i	0.0395-0.0424i	0.0363+0.4270i	-0.0042+0.1178i
19.9	11.9217+0.0381i	0.9762-0.1399i	-0.6204+0.3084i	-0.3163+0.5941i	-0.0128-0.1020i	0.0292-0.0497i	0.0492+0.4263i	0.0009+0.1191i
20.0	12.0978+0.0962i	0.9554-0.1059i	-0.5656+0.3166i	-0.3005+0.5974i	-0.0209-0.1001i	0.0043-0.0530i	0.0614+0.4295i	0.0066+0.1200i
20.1	12.2612+0.1473i	0.9582-0.1045i	-0.5138+0.2975i	-0.2877+0.5998i	-0.0230-0.1008i	-0.0187-0.0480i	0.0730+0.4328i	0.0126+0.1230i
20.2	12.3297+0.1688i	0.9579-0.1073i	-0.4781+0.2777i	-0.2659+0.5996i	-0.0282-0.1014i	-0.0262-0.0357i	0.0899+0.4327i	0.0199+0.1275i
20.3	12.4286+0.2121i	0.9348-0.1017i	-0.4610+0.2487i	-0.2442+0.5846i	-0.0347-0.0981i	-0.0292-0.0206i	0.1071+0.4245i	0.0246+0.1277i
20.4	12.5833+0.2274i	0.9103-0.1010i	-0.4664+0.2241i	-0.2424+0.5692i	-0.0357-0.0977i	-0.0292-0.0173i	0.1086+0.4157i	0.0264+0.1270i
20.5	12.7126+0.1512i	0.9025-0.0851i	-0.4721+0.2159i	-0.2389+0.5615i	-0.0377-0.0960i	-0.0276-0.0059i	0.1122+0.4095i	0.0293+0.1254i
20.6	12.8084+0.2327i	0.9063-0.0634i	-0.4517+0.2094i	-0.2406+0.5414i	-0.0406-0.0935i	-0.0292-0.0045i	0.1141+0.3942i	0.0308+0.1211i
20.7	13.0153+0.3593i	0.9080-0.0648i	-0.4381+0.1861i	-0.2564+0.5309i	-0.0391-0.0946i	-0.0301+0.0025i	0.1036+0.3904i	0.0298+0.1193i
20.8	13.1729+0.2975i	0.8885-0.0649i	-0.4504+0.1682i	-0.2622+0.5339i	-0.0397-0.0982i	-0.0238+0.0129i	0.1003+0.3947i	0.0312+0.1234i
20.9	13.2507+0.2472i	0.8752-0.0482i	-0.4559+0.1686i	-0.2668+0.5298i	-0.0415-0.1015i	-0.0244+0.0159i	0.1019+0.3949i	0.0352+0.1234i
21.0	13.3852+0.2862i	0.8850-0.0487i	-0.4335+0.1775i	-0.2764+0.5332i	-0.0402-0.1048i	-0.0222+0.0230i	0.0927+0.3997i	0.0336+0.1277i
21.1	13.6510+0.2957i	0.8995-0.0442i	-0.4237+0.1724i	-0.2952+0.5435i	-0.0461-0.1081i	-0.0218+0.0243i	0.0822+0.4053i	0.0266+0.1298i
21.2	13.7795+0.2661i	0.9004-0.0485i	-0.4252+0.1687i	-0.3083+0.5531i	-0.0489-0.1145i	-0.0107+0.0199i	0.0761+0.4146i	0.0234+0.1353i
21.3	13.8998+0.2145i	0.8809-0.0645i	-0.4317+0.1693i	-0.3247+0.5852i	-0.0592-0.1254i	0.0013+0.0216i	0.0684+0.4416i	0.0203+0.1480i
21.4	14.0821+0.1784i	0.8748-0.0712i	-0.4245+0.1624i	-0.3077+0.6316i	-0.0745-0.1331i	0.0063+0.0317i	0.0855+0.4747i	0.0265+0.1690i
21.5	14.1547+0.1561i	0.8620-0.0637i	-0.4149+0.1718i	-0.2624+0.6523i	-0.0891-0.1324i	0.0277+0.0229i	0.1198+0.4856i	0.0481+0.1775i
21.6	14.2274+0.2158i	0.8593-0.0630i	-0.3980+0.1706i	-0.2413+0.6626i	-0.1037-0.1299i	0.0368+0.0080i	0.1373+0.4949i	0.0520+0.1849i
21.7	14.3054+0.2042i	0.8426-0.0682i	-0.3935+0.1684i	-0.2221+0.6628i	-0.1158-0.1254i	0.0412-0.0066i	0.1546+0.4972i	0.0652+0.1888i
21.8	14.3947+0.2519i	0.8244-0.0647i	-0.3827+0.1541i	-0.1933+0.6633i	-0.1276-0.1175i	0.0275+0.0020i	0.1821+0.4981i	0.0834+0.2056i
21.9	14.6163+0.2867i	0.8195-0.0492i	-0.3483+0.1524i	-0.1587+0.6707i	-0.1469-0.1108i	0.0065-0.0265i	0.2093+0.5002i	0.0899+0.2025i
22.0	14.7476+0.2079i	0.8005-0.0521i	-0.3471+0.1260i	-0.1260+0.6500i	-0.1566-0.0975i	0.0056-0.0260i	0.2391+0.4892i	0.1085+0.2047i
22.1	14.7718+0.2547i	0.7926-0.0372i	-0.3355+0.1182i	-0.0941+0.6240i	-0.1629-0.0833i	-0.0073-0.0304i	0.2617+0.4712i	0.1245+0.2025i
22.2	14.8402+0.3479i	0.7865-0.0381i	-0.3261+0.1028i	-0.0719+0.6009i	-0.1683-0.0702i	-0.0363-0.0259i	0.2786+0.4548i	0.1360+0.2011i
22.3	14.9484+0.4468i	0.7784-0.0295i	-0.3191+0.0873i	-0.0555+0.5718i	-0.1729-0.0583i	-0.0590-0.0198i	0.2967+0.4320i	0.1494+0.1876i
22.4	15.0648+0.4957i	0.7782-0.0174i	-0.3212+0.0744i	-0.0360+0.5306i	-0.1728-0.0490i	-0.0608-0.0109i	0.3157+0.3994i	0.1657+0.1689i
22.5	15.1856+0.5027i	0.7654-0.0083i	-0.3358+0.0490i	-0.0251+0.4838i	-0.1696-0.0335i	-0.0675+0.0141i	0.3229+0.3652i	0.1794+0.1599i
22.6	15.4092+0.5838i	0.7740+0.0061i	-0.3310+0.0199i	-0.0312+0.4303i	-0.1641-0.0180i	-0.0686+0.0348i	0.3221+0.3282i	0.1891+0.1497i
22.7	15.5693+0.6690i	0.7738+0.0022i	-0.3288-0.0072i	-0.0476+0.3867i	-0.1603-0.0062i	-0.0651+0.0591i	0.3170+0.2983i	0.1967+0.1411i
22.8	15.7241+0.7716i	0.7725+0.0043i	-0.3490-0.0101i	-0.0659+0.3491i	-0.1507-0.0004i	-0.0482+0.0852i	0.3033+0.2686i	0.2017+0.1260i
22.9	15.9076+0.8249i	0.7676+0.0070i	-0.3606-0.0248i	-0.1028+0.3259i	-0.1421+0.0037i	-0.0216+0.0992i	0.2790+0.2492i	0.1969+0.1183i
23.0	16.1532+0.8333i	0.7688+0.0006i	-0.3742-0.0351i	-0.1401+0.3120i	-0.1367+0.0068i	0.0184+0.1008i	0.2567+0.2368i	0.1914+0.1153i
23.1	16.4316+0.8332i	0.7623+0.0072i	-0.3912-0.0339i	-0.1575+0.2906i	-0.1382+0.0087i	0.0447+0.0927i	0.2452+0.2230i	0.1923+0.1086i
23.2	16.5832+0.8996i	0.7637+0.0161i	-0.4017-0.0407i	-0.1858+0.2632i	-0.1302+0.0112i	0.0533+0.0835i	0.2281+0.2029i	0.1970+0.0936i
23.3	16.7212+0.9501i	0.7516+0.0331i	-0.4224-0.0386i	-0.2158+0.2427i	-0.1254+0.0184i	0.0788+0.0639i	0.2117+0.1859i	0.1959+0.0881i
23.4	16.8878+0.9786i	0.7497+0.0444i	-0.4338-0.0369i	-0.2496+0.2273i	-0.1223+0.0210i	0.0960+0.0404i	0.1909+0.1778i	0.1932+0.0810i
23.5	17.0843+0.9417i	0.7629+0.0516i	-0.4418-0.0306i	-0.2869+0.2228i	-0.1165+0.0201i	0.0961+0.0130i	0.1611+0.1752i	0.1901+0.0726i
23.6	17.2324+0.9544i	0.7641+0.0603i	-0.4482-0.0269i	-0.3134+0.2165i	-0.1109+0.0202i	0.0901-0.0033i	0.1383+0.1727i	0.1906+0.0710i
23.7	17.4798+1.0380i	0.7629+0.0722i	-0.4495-0.0168i	-0.3460+0.2191i	-0.1060+0.0215i	0.0808-0.0236i	0.1141+0.1754i	0.1911+0.0699i
23.8	17.6469+1.0054i	0.7649+0.0700i	-0.4608-0.0163i	-0.3862+0.2292i	-0.1033+0.0197i	0.0667-0.0488i	0.0940+0.1796i	0.1877+0.0609i
23.9	17.8167+0.9931i	0.7782+0.0575i	-0.4523-0.0174i	-0.4091+0.2359i	-0.1009+0.0180i	0.0472-0.0541i	0.0817+0.1797i	0.1828+0.0568i
24.0	17.9900+0.9503i	0.7687+0.0612i	-0.4678-0.0153i	-0.4329+0.2444i	-0.0980+0.0128i	0.0347-0.0495i	0.0688+0.1854i	0.1798+0.0533i
24.1	18.1980+1.0182i	0.7701+0.0503i	-0.4646-0.0332i	-0.4522+0.2576i	-0.0915+0.0090i	0.0146-0.0368i	0.0544+0.1933i	0.1749+0.0506i
24.2	18.3371+1.0565i	0.7604+0.0435i	-0.4639-0.0348i	-0.4710+0.2716i	-0.0905+0.0056i	0.0023-0.0317i	0.0474+0.1992i	0.1699+0.0531i
24.3	18.5530+1.0539i	0.7557+0.0476i	-0.4765-0.0328i	-0.4757+0.2674i	-0.0899+0.0038i	-0.0015-0.0345i	0.0423+0.1978i	0.1700+0.0551i
24.4	18.7750+1.1239i	0.7595+0.0559i	-0.4836-0.0245i	-0.4957+0.2533i	-0.0928-0.0011i	-0.0014-0.0249i	0.0327+0.1909i	0.1685+0.0558i
24.5	18.9441+1.1086i	0.7647+0.0464i	-0.4829-0.0266i	-0.5165+0.2519i	-0.0959-0.0050i	-0.0049-0.0179i	0.0190+0.1891i	0.1686+0.0566i

24.6	19.1185+1.0686i	0.7649+0.0539i	-0.4883-0.0160i	-0.5427+0.2480i	-0.0974-0.0099i	-0.0076-0.0151i	-0.0014+0.1891i	0.1679+0.0587i
24.7	19.3362+1.1239i	0.7708+0.0495i	-0.4763-0.0242i	-0.5664+0.2537i	-0.1005-0.0106i	-0.0046-0.0117i	-0.0198+0.1903i	0.1674+0.0603i
24.8	19.5018+1.2048i	0.7745+0.0644i	-0.4783-0.0056i	-0.5929+0.2596i	-0.1012-0.0110i	-0.0052-0.0098i	-0.0379+0.1930i	0.1713+0.0621i
24.9	19.7461+1.1752i	0.7670+0.0680i	-0.4965-0.0074i	-0.6264+0.2714i	-0.0996-0.0139i	-0.0044-0.0050i	-0.0602+0.1986i	0.1721+0.0589i
25.0	19.9965+1.1620i	0.7684+0.0708i	-0.5082-0.0080i	-0.6469+0.2812i	-0.1036-0.0185i	-0.0039-0.0044i	-0.0779+0.2100i	0.1715+0.0624i
25.1	20.1966+1.1608i	0.7676+0.0545i	-0.5073-0.0176i	-0.6878+0.2995i	-0.1017-0.0215i	-0.0063-0.0044i	-0.1026+0.2243i	0.1710+0.0667i
25.2	20.3496+1.1380i	0.7721+0.0470i	-0.5077-0.0215i	-0.7045+0.3248i	-0.1044-0.0265i	-0.0046+0.0002i	-0.1132+0.2368i	0.1705+0.0725i
25.3	20.5395+1.1703i	0.7728+0.0435i	-0.5067-0.0228i	-0.7150+0.3473i	-0.1067-0.0317i	-0.0044+0.0020i	-0.1193+0.2492i	0.1708+0.0758i
25.4	20.7725+1.0880i	0.7676+0.0326i	-0.5106-0.0355i	-0.7212+0.3656i	-0.1191-0.0386i	-0.0018+0.0063i	-0.1228+0.2632i	0.1800+0.0821i
25.5	20.9068+1.0925i	0.7767+0.0397i	-0.5017-0.0263i	-0.7285+0.3720i	-0.1320-0.0419i	0.0007+0.0060i	-0.1349+0.2679i	0.1936+0.0908i
25.6	21.0605+1.0400i	0.7609+0.0435i	-0.5145-0.0260i	-0.7436+0.3838i	-0.1435-0.0403i	0.0027+0.0023i	-0.1489+0.2793i	0.2074+0.0900i
25.7	21.2201+1.1418i	0.7510+0.0404i	-0.5217-0.0287i	-0.7631+0.3917i	-0.1524-0.0402i	0.0041+0.0018i	-0.1660+0.2862i	0.2175+0.0904i
25.8	21.5224+1.1455i	0.7450+0.0190i	-0.5307-0.0570i	-0.7800+0.4115i	-0.1564-0.0387i	0.0012-0.0024i	-0.1801+0.3055i	0.2226+0.0878i
25.9	21.7038+1.1260i	0.7514+0.0079i	-0.5337-0.0645i	-0.7780+0.4353i	-0.1639-0.0395i	-0.0058+0.0008i	-0.1818+0.3207i	0.2295+0.0887i
26.0	21.9242+1.1532i	0.7519+0.0163i	-0.5311-0.0614i	-0.7910+0.4473i	-0.1790-0.0317i	-0.0086+0.0086i	-0.1965+0.3361i	0.2468+0.0831i
26.1	22.1391+1.1370i	0.7460+0.0181i	-0.5317-0.0633i	-0.7980+0.4662i	-0.1893-0.0221i	-0.0076+0.0079i	-0.2098+0.3595i	0.2599+0.0734i
26.2	22.2720+1.1477i	0.7404+0.0233i	-0.5344-0.0599i	-0.8022+0.4842i	-0.1948-0.0129i	-0.0088+0.0089i	-0.2150+0.3818i	0.2651+0.0635i
26.3	22.4854+1.1268i	0.7424+0.0355i	-0.5466-0.0468i	-0.8082+0.5109i	-0.2002-0.0043i	-0.0078+0.0122i	-0.2146+0.4103i	0.2713+0.0529i
26.4	22.6495+1.1337i	0.7230+0.0408i	-0.5738-0.0480i	-0.8104+0.5251i	-0.2056+0.0074i	-0.0061+0.0186i	-0.2147+0.4363i	0.2784+0.0432i
26.5	22.7588+1.1499i	0.7240+0.0504i	-0.5801-0.0371i	-0.7913+0.5368i	-0.2051+0.0216i	-0.0020+0.0229i	-0.1960+0.4594i	0.2773+0.0317i
26.6	23.0241+1.2003i	0.7226+0.0409i	-0.5848-0.0527i	-0.7735+0.5281i	-0.1952+0.0281i	0.0065+0.0261i	-0.1629+0.4670i	0.2707+0.0258i
26.7	23.1931+1.1883i	0.7379+0.0349i	-0.5815-0.0618i	-0.7692+0.5251i	-0.1890+0.0292i	0.0165+0.0259i	-0.1398+0.4524i	0.2659+0.0278i
26.8	23.3235+1.2348i	0.7362+0.0454i	-0.5930-0.0502i	-0.7840+0.5023i	-0.1893+0.0274i	0.0200+0.0150i	-0.1388+0.4301i	0.2718+0.0292i
26.9	23.6039+1.1808i	0.7239+0.0526i	-0.6156-0.0449i	-0.7846+0.4915i	-0.1928+0.0266i	0.0229+0.0097i	-0.1442+0.4187i	0.2777+0.0279i
27.0	23.7873+1.2280i	0.7251+0.0730i	-0.6104-0.0261i	-0.7892+0.4898i	-0.1969+0.0283i	0.0210+0.0068i	-0.1512+0.4108i	0.2857+0.0247i
27.1	23.9425+1.3091i	0.7298+0.0560i	-0.6027-0.0351i	-0.8035+0.4855i	-0.2004+0.0299i	0.0193+0.0045i	-0.1577+0.4055i	0.2916+0.0202i
27.2	24.2345+1.3809i	0.7408+0.0502i	-0.6078-0.0511i	-0.8219+0.4743i	-0.2043+0.0365i	0.0214+0.0046i	-0.1709+0.3995i	0.2987+0.0082i
27.3	24.4332+1.3620i	0.7353+0.0557i	-0.6238-0.0521i	-0.8444+0.4639i	-0.2022+0.0419i	0.0231+0.0028i	-0.1871+0.3938i	0.3011-0.0019i
27.4	24.6521+1.4637i	0.7469+0.0416i	-0.6234-0.0657i	-0.8762+0.4517i	-0.2051+0.0402i	0.0247+0.0004i	-0.2100+0.3861i	0.2984-0.0056i
27.5	24.8792+1.4644i	0.7509+0.0578i	-0.6218-0.0437i	-0.9097+0.4484i	-0.2110+0.0397i	0.0262-0.0047i	-0.2363+0.3860i	0.2993-0.0075i
27.6	25.0646+1.4581i	0.7582+0.0663i	-0.6283-0.0306i	-0.9386+0.4622i	-0.2165+0.0444i	0.0261-0.0149i	-0.2578+0.3980i	0.3033-0.0109i
27.7	25.2854+1.5208i	0.7481+0.0724i	-0.6415-0.0278i	-0.9644+0.4716i	-0.2220+0.0504i	0.0229-0.0292i	-0.2784+0.4095i	0.3079-0.0139i
27.8	25.5620+1.5325i	0.7474+0.0552i	-0.6490-0.0419i	-0.9919+0.4736i	-0.2258+0.0549i	0.0096-0.0377i	-0.2994+0.4179i	0.3118-0.0173i
27.9	25.7770+1.5005i	0.7353+0.0587i	-0.6669-0.0416i	-1.0197+0.4761i	-0.2289+0.0572i	-0.0034-0.0385i	-0.3184+0.4239i	0.3137-0.0200i
28.0	26.0649+1.4895i	0.7528+0.0670i	-0.6598-0.0322i	-1.0704+0.4979i	-0.2318+0.0634i	-0.0135-0.0328i	-0.3497+0.4476i	0.3165-0.0269i
28.1	26.3150+1.5023i	0.7516+0.0657i	-0.6663-0.0289i	-1.1046+0.5369i	-0.2316+0.0658i	-0.0221-0.0219i	-0.3773+0.4826i	0.3176-0.0271i
28.2	26.4748+1.4072i	0.7389+0.0416i	-0.7007-0.0401i	-1.0946+0.5935i	-0.2445+0.0625i	-0.0278-0.0141i	-0.3772+0.5329i	0.3297-0.0216i
28.3	26.6999+1.3997i	0.7315+0.0361i	-0.7226-0.0426i	-1.0717+0.5997i	-0.2617+0.0738i	-0.0311-0.0067i	-0.3598+0.5456i	0.3500-0.0287i
28.4	26.9216+1.5574i	0.7490+0.0440i	-0.7274-0.0392i	-1.0774+0.5729i	-0.2666+0.0919i	-0.0348+0.0006i	-0.3582+0.5345i	0.3617-0.0413i
28.5	27.0973+1.6057i	0.7548+0.0445i	-0.7272-0.0327i	-1.1087+0.5689i	-0.2657+0.1004i	-0.0365+0.0070i	-0.3767+0.5339i	0.3670-0.0506i
28.6	27.3480+1.6361i	0.7553+0.0266i	-0.7305-0.0349i	-1.1511+0.5801i	-0.2678+0.1094i	-0.0349+0.0148i	-0.4049+0.5493i	0.3748-0.0624i
28.7	27.6404+1.6353i	0.7420+0.0070i	-0.7540-0.0446i	-1.1842+0.5986i	-0.2752+0.1188i	-0.0329+0.0238i	-0.4295+0.5702i	0.3846-0.0753i
28.8	27.8998+1.6238i	0.7401+0.0196i	-0.7686-0.0335i	-1.2103+0.6238i	-0.2759+0.1310i	-0.0297+0.0283i	-0.4478+0.5933i	0.3928-0.0887i
28.9	28.1761+1.6357i	0.7619+0.0270i	-0.7637-0.0104i	-1.2475+0.6457i	-0.2785+0.1448i	-0.0291+0.0309i	-0.4782+0.6200i	0.4024-0.1048i
29.0	28.4752+1.5766i	0.7671+0.0187i	-0.7631-0.0171i	-1.2733+0.6783i	-0.2814+0.1562i	-0.0253+0.0407i	-0.5009+0.6579i	0.4084-0.1228i
29.1	28.7751+1.4866i	0.7579+0.0043i	-0.7802-0.0239i	-1.2913+0.7237i	-0.2795+0.1723i	-0.0200+0.0403i	-0.5092+0.7005i	0.4094-0.1438i
29.2	28.9417+1.4759i	0.7682+0.0163i	-0.7785-0.0001i	-1.3098+0.7671i	-0.2744+0.1856i	-0.0173+0.0392i	-0.5207+0.7461i	0.4082-0.1624i
29.3	29.0711+1.4122i	0.7537+0.0190i	-0.8047+0.0127i	-1.3210+0.7997i	-0.2718+0.1985i	-0.0093+0.0379i	-0.5253+0.7887i	0.4065-0.1801i
29.4	29.3331+1.4557i	0.7411-0.0011i	-0.8187+0.0022i	-1.3428+0.8315i	-0.2698+0.2167i	-0.0053+0.0398i	-0.5286+0.8345i	0.4070-0.2031i
29.5	29.5894+1.4847i	0.7209-0.0374i	-0.8315-0.0041i	-1.3461+0.8921i	-0.2561+0.2347i	-0.0031+0.0440i	-0.5164+0.8956i	0.4001-0.2300i
29.6	29.8014+1.4343i	0.7380-0.0279i	-0.8198+0.0149i	-1.3319+0.9414i	-0.2416+0.2378i	0.0012+0.0428i	-0.4982+0.9396i	0.3859-0.2452i
29.7	30.0294+1.4148i	0.7469-0.0251i	-0.8156+0.0333i	-1.3128+0.9834i	-0.2286+0.2452i	0.0006+0.0401i	-0.4708+0.9858i	0.3745-0.2624i
29.8	30.2665+1.3854i	0.7410-0.0234i	-0.8238+0.0313i	-1.3040+1.0185i	-0.2216+0.2511i	0.0016+0.0400i	-0.4473+1.0190i	0.3617-0.2749i
29.9	30.6060+1.2311i	0.7051-0.0237i	-0.8637+0.0463i	-1.2992+1.0926i	-0.2156+0.2627i	0.0038+0.0341i	-0.4283+1.0978i	0.3566-0.2996i
30.0	30.7149+1.2614i	0.7176-0.0521i	-0.8520+0.0350i	-1.2716+1.1176i	-0.2033+0.2664i	0.0037+0.0384i	-0.3782+1.1270i	0.3366-0.3164i
30.1	30.8946+1.2318i	0.7009-0.0581i	-0.8530+0.0385i	-1.2212+1.1211i	-0.1923+0.2651i	0.0044+0.0393i	-0.3160+1.1260i	0.3108-0.3230i
30.2	31.0553+1.3149i	0.7035-0.0583i	-0.8552+0.0551i	-1.1605+1.1278i	-0.1835+0.2638i	0.0058+0.0381i	-0.2554+1.1292i	0.2815-0.3327i
30.3	31.2429+1.3724i	0.7013-0.0698i	-0.8602+0.0413i	-1.1215+1.1117i	-0.1804+0.2649i	0.0053+0.0366i	-0.2110+1.1132i	0.2564-0.3290i
30.4	31.4533+1.3751i	0.6869-0.0597i	-0.8783+0.0529i	-1.1371+1.0951i	-0.1827+0.2769i	0.0056+0.0380i	-0.2087+1.1061i	0.2449-0.3156i
30.5	31.6647+1.3669i	0.6697-0.0741i	-0.9027+0.0540i	-1.1387+1.1126i	-0.1748+0.2933i	0.0063+0.0429i	-0.1949+1.1254i	0.2365-0.3122i
30.6	31.8458+1.4108i	0.6657-0.0735i	-0.9104+0.0735i	-1.1060+1.1252i	-0.1547+0.3030i	0.0056+0.0414i	-0.1509+1.1442i	0.2240-0.3138i
30.7	32.0519+1.5303i	0.6627-0.0760i	-0.8918+0.0862i	-1.0625+1.1374i	-0.1207+0.3046i	0.0046+0.0393i	-0.0829+1.1560i	0.2019-0.3126i
30.8	32.2748+1.5485i	0.6627-0.0669i	-0.8781+0.0743i	-1.0081+1.1289i	-0.1002+0.2934i	0.0007+0.0418i	-0.0201+1.1330i	0.1875-0.3031i

30.9	32.5046+1.5697i	0.6294-0.0698i	-0.8957+0.0701i	-0.9773+1.0971i	-0.0917+0.2745i	-0.0017+0.0418i	0.0212+1.0945i	0.1805-0.2861i
31.0	32.7243+1.6220i	0.6192-0.0632i	-0.9089+0.0741i	-0.9678+1.0594i	-0.0815+0.2661i	-0.0040+0.0451i	0.0520+1.0582i	0.1738-0.2802i
31.1	32.9862+1.7259i	0.6147-0.0331i	-0.9259+0.0925i	-0.9513+0.9927i	-0.0696+0.2498i	-0.0125+0.0512i	0.0726+0.9954i	0.1648-0.2699i
31.2	33.2181+1.8924i	0.6040-0.0295i	-0.9315+0.0854i	-0.9604+0.9630i	-0.0634+0.2332i	-0.0120+0.0586i	0.0736+0.9565i	0.1566-0.2565i
31.3	33.4209+1.9279i	0.6041-0.0267i	-0.9345+0.0715i	-0.9657+0.9446i	-0.0619+0.2200i	-0.0104+0.0588i	0.0806+0.9283i	0.1522-0.2446i
31.4	33.7225+1.9562i	0.6175-0.0199i	-0.9349+0.0750i	-0.9872+0.9198i	-0.0696+0.2072i	-0.0128+0.0591i	0.0732+0.8923i	0.1582-0.2286i
31.5	33.9876+2.0450i	0.6257-0.0157i	-0.9332+0.0760i	-1.0057+0.8906i	-0.0760+0.1937i	-0.0246+0.0682i	0.0597+0.8514i	0.1633-0.2142i
31.6	34.2728+2.0757i	0.6311+0.0056i	-0.9393+0.0799i	-1.0187+0.8616i	-0.0810+0.1838i	-0.0230+0.0718i	0.0443+0.8233i	0.1702-0.2054i
31.7	34.5330+2.0345i	0.6397-0.0075i	-0.9467+0.0617i	-1.0314+0.8347i	-0.0867+0.1776i	-0.0204+0.0894i	0.0342+0.7911i	0.1801-0.1971i
31.8	34.9094+2.1916i	0.6227-0.0227i	-0.9625+0.0610i	-1.0588+0.7930i	-0.1022+0.1698i	-0.0100+0.1158i	0.0112+0.7493i	0.1878-0.1908i
31.9	35.1207+2.3133i	0.6267+0.0141i	-0.9882+0.0876i	-1.0907+0.7542i	-0.1099+0.1635i	-0.0014+0.1309i	-0.0252+0.7168i	0.1961-0.1797i
32.0	35.3641+2.3623i	0.6358+0.0148i	-0.9987+0.0870i	-1.1143+0.7375i	-0.1146+0.1591i	0.0024+0.1337i	-0.0513+0.7017i	0.2012-0.1741i
32.1	35.7143+2.3314i	0.6384+0.0184i	-1.0235+0.0898i	-1.1471+0.7263i	-0.1227+0.1554i	0.0093+0.1442i	-0.0809+0.6855i	0.2093-0.1733i
32.2	36.0865+2.4185i	0.6351-0.0087i	-1.0339+0.0639i	-1.2026+0.7078i	-0.1337+0.1487i	0.0373+0.1598i	-0.1218+0.6665i	0.2232-0.1631i
32.3	36.3047+2.5479i	0.6623-0.0121i	-1.0265+0.0551i	-1.2386+0.6813i	-0.1463+0.1444i	0.0528+0.1639i	-0.1577+0.6554i	0.2355-0.1518i
32.4	36.6254+2.5802i	0.7006+0.0046i	-1.0365+0.0649i	-1.2848+0.6583i	-0.1609+0.1367i	0.0736+0.1639i	-0.1992+0.6519i	0.2575-0.1458i
32.5	37.1290+2.6253i	0.6772-0.0408i	-1.0842+0.0444i	-1.3321+0.6388i	-0.1769+0.1328i	0.1023+0.1697i	-0.2383+0.6325i	0.2838-0.1448i
32.6	37.4380+2.7264i	0.6921-0.0793i	-1.0830+0.0082i	-1.3819+0.6249i	-0.1920+0.1312i	0.1244+0.1614i	-0.2727+0.6224i	0.2985-0.1439i
32.7	37.7515+2.7858i	0.7221-0.1095i	-1.0942-0.0201i	-1.4403+0.6003i	-0.2140+0.1294i	0.1409+0.1515i	-0.3191+0.6094i	0.3192-0.1441i
32.8	38.1708+2.7541i	0.7070-0.1111i	-1.1529-0.0157i	-1.5200+0.5922i	-0.2393+0.1364i	0.1527+0.1302i	-0.3883+0.6065i	0.3445-0.1514i
32.9	38.5324+2.8265i	0.6976-0.1341i	-1.2057-0.0305i	-1.5994+0.5917i	-0.2570+0.1404i	0.1488+0.1207i	-0.4552+0.6071i	0.3661-0.1519i
33.0	38.8565+2.8658i	0.7037-0.1573i	-1.2519-0.0248i	-1.6901+0.6092i	-0.2811+0.1505i	0.1410+0.1178i	-0.5356+0.6228i	0.3979-0.1618i
33.1	39.2748+2.9090i	0.6836-0.1879i	-1.3206-0.0297i	-1.7935+0.6293i	-0.3109+0.1604i	0.1458+0.1131i	-0.6294+0.6511i	0.4404-0.1661i
33.2	39.6624+2.9188i	0.6541-0.1851i	-1.4031+0.0049i	-1.8721+0.6678i	-0.3368+0.1705i	0.1511+0.1356i	-0.7043+0.6975i	0.4757-0.1785i
33.3	40.1487+2.8457i	0.6458-0.1992i	-1.4714+0.0736i	-1.9551+0.7554i	-0.3706+0.2091i	0.1645+0.1391i	-0.7749+0.7960i	0.5203-0.2269i
33.4	40.5785+2.6928i	0.6264-0.2248i	-1.5342+0.1334i	-1.9996+0.8565i	-0.3922+0.2591i	0.1937+0.1207i	-0.8153+0.8925i	0.5531-0.2862i
33.5	40.8206+2.6441i	0.6017-0.2376i	-1.5668+0.2114i	-2.0120+0.9359i	-0.3942+0.3155i	0.2085+0.0934i	-0.8265+0.9849i	0.5598-0.3521i
33.6	41.0160+2.5599i	0.6236-0.2192i	-1.5336+0.3168i	-2.0226+0.9996i	-0.3868+0.3701i	0.2186+0.0660i	-0.8266+1.0770i	0.5579-0.4207i
33.7	41.3148+2.4628i	0.6253-0.2212i	-1.4903+0.3794i	-2.0141+1.0496i	-0.3486+0.4060i	0.2198+0.0399i	-0.7941+1.1464i	0.5276-0.4657i
33.8	41.7016+2.4299i	0.5823-0.2506i	-1.4811+0.3986i	-2.0042+1.0921i	-0.2975+0.4160i	0.2087+0.0227i	-0.7498+1.2033i	0.4806-0.4966i
33.9	42.0123+2.4537i	0.5750-0.2528i	-1.4739+0.4070i	-2.0256+1.1298i	-0.2806+0.4082i	0.1947+0.0179i	-0.7405+1.2452i	0.4612-0.5123i
34.0	42.2815+2.3944i	0.5606-0.2501i	-1.4748+0.4251i	-2.0254+1.1741i	-0.2694+0.3992i	0.1831+0.0071i	-0.7113+1.2733i	0.4347-0.5223i
34.1	42.5219+2.4626i	0.6020-0.2457i	-1.4120+0.4404i	-2.0109+1.1859i	-0.2608+0.3943i	0.1634+0.0109i	-0.6773+1.2898i	0.4104-0.5264i
34.2	42.8123+2.5375i	0.6164-0.2749i	-1.3984+0.4316i	-2.0165+1.1805i	-0.2643+0.3948i	0.1547+0.0282i	-0.6648+1.2977i	0.4003-0.5288i
34.3	43.1453+2.5976i	0.6099-0.2832i	-1.4136+0.4400i	-2.0435+1.1853i	-0.2703+0.3951i	0.1539+0.0388i	-0.6722+1.3061i	0.3985-0.5333i
34.4	43.5485+2.7059i	0.6305-0.3367i	-1.4103+0.4171i	-2.0575+1.1782i	-0.2756+0.3975i	0.1514+0.0494i	-0.6708+1.3057i	0.3989-0.5347i
34.5	43.9474+2.7216i	0.6379-0.3423i	-1.3954+0.4216i	-2.0964+1.1914i	-0.2843+0.3971i	0.1491+0.0629i	-0.6883+1.3020i	0.4050-0.5368i
34.6	44.2622+2.7169i	0.6479-0.3783i	-1.4148+0.4381i	-2.1490+1.1874i	-0.2978+0.4074i	0.1605+0.0701i	-0.7168+1.3247i	0.4146-0.5494i
34.7	44.5808+2.6679i	0.6482-0.4399i	-1.4372+0.4619i	-2.2032+1.2235i	-0.3147+0.4260i	0.1696+0.0763i	-0.7561+1.3597i	0.4277-0.5742i
34.8	44.9972+2.7062i	0.6132-0.4658i	-1.4818+0.4665i	-2.2531+1.2682i	-0.3265+0.4360i	0.1861+0.0857i	-0.7816+1.3963i	0.4351-0.5877i
34.9	45.4033+2.6674i	0.6195-0.4909i	-1.4833+0.4854i	-2.2951+1.2929i	-0.3327+0.4500i	0.2002+0.0917i	-0.8026+1.4333i	0.4430-0.6047i
35.0	45.7379+2.6937i	0.5853-0.5074i	-1.5226+0.5059i	-2.3387+1.3309i	-0.3447+0.4765i	0.2108+0.0913i	-0.8341+1.4810i	0.4546-0.6357i
35.1	46.1601+2.7720i	0.5764-0.5493i	-1.5245+0.5282i	-2.3664+1.3832i	-0.3569+0.4986i	0.2224+0.0890i	-0.8470+1.5282i	0.4681-0.6614i
35.2	46.5557+2.6663i	0.5573-0.5714i	-1.5661+0.5682i	-2.3878+1.4231i	-0.3690+0.5184i	0.2383+0.0939i	-0.8604+1.5733i	0.4756-0.6916i
35.3	46.9522+2.5741i	0.5166-0.6323i	-1.6269+0.6166i	-2.4275+1.4830i	-0.3841+0.5596i	0.2608+0.0967i	-0.8815+1.6399i	0.4863-0.7548i
35.4	47.3908+2.6390i	0.5247-0.6998i	-1.5853+0.6833i	-2.4762+1.5345i	-0.3901+0.6028i	0.2790+0.0981i	-0.8988+1.7204i	0.4841-0.8170i
35.5	47.6712+2.5947i	0.5095-0.7263i	-1.5777+0.7009i	-2.4908+1.5917i	-0.3917+0.6316i	0.2970+0.0983i	-0.8960+1.7764i	0.4780-0.8548i
35.6	48.0930+2.5410i	0.4822-0.7993i	-1.5614+0.7313i	-2.5414+1.6566i	-0.3846+0.6735i	0.3220+0.0947i	-0.8915+1.8414i	0.4526-0.9080i
35.7	48.4059+2.4417i	0.4262-0.8411i	-1.5659+0.7737i	-2.5753+1.7033i	-0.3772+0.7126i	0.3439+0.0874i	-0.8994+1.8991i	0.4276-0.9577i
35.8	48.8048+2.4642i	0.3749-0.9258i	-1.5547+0.7797i	-2.6194+1.7749i	-0.3656+0.7491i	0.3748+0.0815i	-0.9063+1.9756i	0.3961-1.0071i
35.9	49.2440+2.3989i	0.3048-0.9572i	-1.5368+0.8287i	-2.6478+1.8628i	-0.3464+0.7805i	0.4052+0.0648i	-0.8889+2.0592i	0.3515-1.0426i
36.0	49.5506+2.2698i	0.2301-0.9610i	-1.5267+0.8745i	-2.6602+1.9251i	-0.3229+0.8141i	0.4321+0.0461i	-0.8573+2.1211i	0.3087-1.0732i
36.1	49.8486+2.1378i	0.1727-1.0185i	-1.4927+0.8653i	-2.6576+1.9962i	-0.2928+0.8520i	0.4628+0.0316i	-0.8146+2.1967i	0.2501-1.1070i
36.2	50.2834+2.0757i	0.0815-1.0828i	-1.4922+0.8804i	-2.6397+2.0877i	-0.2715+0.8910i	0.4938+0.0029i	-0.7647+2.2756i	0.2040-1.1371i
36.3	50.6871+2.1478i	0.0446-1.1794i	-1.4640+0.8270i	-2.6546+2.1601i	-0.2606+0.9163i	0.5139-0.0184i	-0.7428+2.3374i	0.1780-1.1563i
36.4	51.1010+2.2430i	-0.1058-1.2832i	-1.4638+0.7797i	-2.6506+2.2379i	-0.2217+0.9516i	0.5391-0.0558i	-0.6838+2.4104i	0.1085-1.1773i
36.5	51.4137+2.1139i	-0.1731-1.2559i	-1.4145+0.8061i	-2.6311+2.3183i	-0.1857+0.9752i	0.5510-0.0998i	-0.6235+2.4676i	0.0646-1.1822i
36.6	51.6710+1.9465i	-0.2605-1.1945i	-1.4213+0.8807i	-2.5924+2.4035i	-0.1498+1.0079i	0.5681-0.1428i	-0.5666+2.5234i	0.0113-1.2103i
36.7	52.0079+1.8721i	-0.3100-1.1675i	-1.3892+0.8971i	-2.5466+2.4753i	-0.1072+1.0243i	0.5840-0.1833i	-0.4833+2.5675i	-0.0476-1.2078i
36.8	52.3320+1.8950i	-0.4381-1.1683i	-1.4535+0.8800i	-2.5149+2.5415i	-0.0927+1.0262i	0.6043-0.2219i	-0.4362+2.6061i	-0.0684-1.1963i
36.9	52.6994+1.7933i	-0.5081-1.1654i	-1.4786+0.8462i	-2.4587+2.5663i	-0.0682+1.0438i	0.6144-0.2771i	-0.3627+2.6026i	-0.0971-1.1885i
37.0	53.0027+1.7886i	-0.6163-1.1472i	-1.5307+0.8606i	-2.4559+2.5788i	-0.0484+1.0404i	0.6220-0.3234i	-0.3405+2.5887i	-0.1249-1.1632i
37.1	53.3306+1.8000i	-0.6669-1.1329i	-1.5672+0.9201i	-2.4679+2.6266i	-0.0483+1.0616i	0.6340-0.3803i	-0.3343+2.6260i	-0.1340-1.1702i

37.2	53.6757+1.7004i	-0.6971-1.1057i	-1.5513+0.9949i	-2.4243+2.6946i	-0.0395+1.1105i	0.6405-0.4602i	-0.2889+2.6875i	-0.1502-1.2013i
37.3	53.9714+1.7211i	-0.6948-1.0936i	-1.4873+1.0771i	-2.3770+2.7320i	-0.0161+1.1561i	0.6288-0.5302i	-0.2252+2.7178i	-0.1786-1.2341i
37.4	54.4028+1.6263i	-0.7832-1.1361i	-1.5437+1.0753i	-2.3435+2.7787i	0.0070+1.1913i	0.6195-0.6047i	-0.1743+2.7404i	-0.2005-1.2401i
37.5	54.7430+1.6528i	-0.9275-1.2957i	-1.5405+0.9992i	-2.3226+2.8129i	0.0643+1.2450i	0.5822-0.6895i	-0.1287+2.7626i	-0.2597-1.2579i
37.6	55.2149+1.7319i	-1.0916-1.3308i	-1.5958+0.9924i	-2.3231+2.8604i	0.1072+1.2935i	0.5472-0.7686i	-0.1057+2.8034i	-0.3006-1.2770i
37.7	55.6036+1.7057i	-1.1508-1.3204i	-1.5233+1.0122i	-2.2866+2.9064i	0.1736+1.3251i	0.4751-0.8586i	-0.0365+2.8470i	-0.3522-1.2676i
37.8	55.7557+1.6347i	-1.3279-1.3093i	-1.5358+1.0506i	-2.2469+2.9685i	0.2438+1.3513i	0.4038-0.9273i	0.0284+2.8843i	-0.4016-1.2628i
37.9	56.1092+1.6471i	-1.6111-1.2794i	-1.6566+1.1577i	-2.1421+3.0326i	0.3358+1.3973i	0.2563-1.0375i	0.1530+2.9223i	-0.4401-1.2738i
38.0	56.4554+1.6162i	-1.6549-1.1728i	-1.5775+1.2064i	-2.0657+3.0357i	0.4130+1.3832i	0.1216-1.0373i	0.2443+2.8916i	-0.4610-1.2532i
38.1	56.7173+1.7093i	-1.7139-1.1032i	-1.3880+1.2318i	-2.0042+2.9926i	0.5255+1.3780i	-0.0409-1.0000i	0.3283+2.8356i	-0.5251-1.2580i
38.2	57.0587+1.8122i	-1.8099-1.0178i	-1.3701+1.2555i	-1.9787+2.9287i	0.5914+1.3549i	-0.1661-0.9612i	0.3734+2.7666i	-0.5477-1.2539i
38.3	57.5656+2.0018i	-1.9327-0.9937i	-1.3643+1.2176i	-2.0119+2.8855i	0.6453+1.3381i	-0.2604-0.8980i	0.3723+2.7133i	-0.5540-1.2595i
38.4	58.1486+2.0668i	-2.0238-1.0215i	-1.3071+1.2147i	-2.0746+2.8873i	0.7046+1.3453i	-0.3508-0.8111i	0.3432+2.7132i	-0.5856-1.3105i
38.5	58.5905+1.9158i	-2.0106-0.9024i	-1.2049+1.2735i	-2.1302+2.9605i	0.7417+1.3320i	-0.4251-0.7349i	0.3325+2.7530i	-0.5908-1.3483i
38.6	58.8528+1.8777i	-2.0359-0.9492i	-1.1029+1.1758i	-2.1100+3.0389i	0.7999+1.3295i	-0.4547-0.6334i	0.3588+2.7951i	-0.6410-1.3929i
38.7	59.3781+2.0186i	-2.2248-1.0581i	-1.0653+1.0642i	-2.0958+3.0997i	0.8980+1.3365i	-0.4645-0.5204i	0.4103+2.8369i	-0.7488-1.4610i
38.8	59.7812+1.9427i	-2.3657-1.0214i	-1.0237+1.0053i	-2.0682+3.1368i	0.9788+1.3116i	-0.4593-0.4145i	0.4717+2.8505i	-0.8575-1.4982i
38.9	60.2273+1.9045i	-2.5567-0.9705i	-1.0288+0.9479i	-2.0459+3.1954i	1.0561+1.2972i	-0.4340-0.3285i	0.5260+2.8647i	-0.9797-1.5361i
39.0	60.5772+1.8555i	-2.8151-0.8333i	-1.0572+0.9241i	-1.9836+3.2342i	1.1563+1.2395i	-0.3760-0.2516i	0.6068+2.8509i	-1.1436-1.5151i
39.1	60.9071+1.7623i	-2.8283-0.6076i	-0.9399+0.9403i	-1.9187+3.2426i	1.2387+1.1774i	-0.3287-0.2166i	0.6607+2.8242i	-1.2849-1.4549i
39.2	61.4696+1.8046i	-3.0246-0.5278i	-0.9727+0.8071i	-1.9307+3.2511i	1.3110+1.1037i	-0.2587-0.1919i	0.6747+2.8057i	-1.4149-1.3699i
39.3	61.9445+1.7474i	-3.2379-0.4166i	-1.0511+0.7258i	-1.9175+3.3080i	1.3750+1.0350i	-0.2044-0.1907i	0.6990+2.8108i	-1.5266-1.2708i
39.4	62.3124+1.8053i	-3.3067-0.3770i	-0.9770+0.5464i	-1.8527+3.3524i	1.4533+0.9521i	-0.1553-0.1954i	0.7640+2.8099i	-1.6398-1.1605i
39.5	62.7281+1.7693i	-3.4440-0.2195i	-1.0470+0.3943i	-1.7983+3.3756i	1.5082+0.8564i	-0.1141-0.2121i	0.8192+2.7904i	-1.7276-1.0308i
39.6	63.0043+1.7436i	-3.4949-0.0114i	-1.0722+0.2986i	-1.7519+3.3740i	1.5444+0.7615i	-0.0946-0.2315i	0.8551+2.7571i	-1.7865-0.8820i
39.7	63.2731+1.7618i	-3.3976+0.2789i	-0.9159+0.2616i	-1.7011+3.3815i	1.5890+0.6367i	-0.1061-0.2604i	0.8970+2.7167i	-1.8410-0.6930i
39.8	63.7892+1.9126i	-3.4523+0.3489i	-1.0454+0.0512i	-1.6789+3.3771i	1.5698+0.5256i	-0.1089-0.2539i	0.9095+2.6779i	-1.7809-0.5565i
39.9	64.2783+1.9787i	-3.4885+0.4426i	-1.1841-0.1197i	-1.6306+3.4028i	1.5331+0.4148i	-0.0831-0.2631i	0.9188+2.6561i	-1.7250-0.4360i
40.0	64.5397+1.9877i	-3.3182+0.5645i	-1.1732-0.2514i	-1.5868+3.4018i	1.5166+0.3139i	-0.0744-0.2813i	0.9374+2.6401i	-1.7060-0.3141i
40.1	65.1682+2.1046i	-3.4713+0.6103i	-1.4215-0.3941i	-1.5753+3.4173i	1.4965+0.2368i	-0.0613-0.2922i	0.9446+2.6342i	-1.6967-0.2244i
40.2	65.7724+2.0379i	-3.5521+0.8705i	-1.7106-0.3230i	-1.5408+3.3962i	1.4267+0.1867i	-0.0742-0.3189i	0.9485+2.6129i	-1.6216-0.1675i
40.3	65.9535+2.0149i	-3.4690+0.9472i	-1.8038-0.2411i	-1.4760+3.3572i	1.3862+0.1729i	-0.0795-0.3221i	0.9641+2.5848i	-1.5807-0.1469i
40.4	66.5227+2.2404i	-3.4801+0.8666i	-1.9412-0.4057i	-1.4253+3.3428i	1.3570+0.1428i	-0.0815-0.3219i	0.9962+2.5571i	-1.5359-0.0773i
40.5	67.1033+2.5066i	-3.6018+0.6942i	-2.0823-0.6294i	-1.4090+3.3157i	1.3526+0.0965i	-0.0791-0.3210i	1.0120+2.5408i	-1.5006-0.0129i
40.6	67.6222+2.5263i	-3.6915+0.7641i	-2.2044-0.6393i	-1.3841+3.3022i	1.3382+0.0586i	-0.0842-0.3350i	1.0285+2.5279i	-1.4725+0.0335i
40.7	68.0868+2.7741i	-3.5640+0.7624i	-2.2102-0.7606i	-1.3584+3.2295i	1.3193+0.0099i	-0.0974-0.3403i	1.0229+2.4753i	-1.4195+0.0855i
40.8	68.7899+2.7217i	-3.7534+0.9188i	-2.5458-0.7517i	-1.3746+3.1993i	1.2888-0.0320i	-0.1029-0.3625i	0.9962+2.4647i	-1.3634+0.1406i
40.9	69.3486+2.6388i	-3.8547+1.0329i	-2.7317-0.7020i	-1.3791+3.2039i	1.2659-0.0558i	-0.1058-0.3712i	0.9870+2.4531i	-1.3111+0.1567i
41.0	69.7524+2.6333i	-3.8745+1.0658i	-2.8710-0.7165i	-1.4056+3.1929i	1.2443-0.0869i	-0.1050-0.3782i	0.9640+2.4480i	-1.2684+0.1647i
41.1	70.3461+2.5903i	-3.8549+1.3156i	-3.0439-0.6091i	-1.4080+3.1916i	1.1975-0.1137i	-0.1349-0.4050i	0.9626+2.4484i	-1.1914+0.1656i
41.2	71.1579+2.5231i	-4.0430+1.4162i	-3.3381-0.5684i	-1.4451+3.2240i	1.1693-0.1422i	-0.1567-0.4181i	0.9468+2.4778i	-1.1860+0.1654i
41.3	71.3799+2.5669i	-3.9410+1.3499i	-3.4023-0.5959i	-1.3860+3.2010i	1.1381-0.1550i	-0.1896-0.3968i	0.9839+2.4819i	-1.1633+0.1992i
41.4	71.7705+2.6968i	-3.7965+1.2742i	-3.3708-0.5956i	-1.3888+3.1029i	1.1179-0.1471i	-0.1964-0.3612i	0.9758+2.4167i	-1.0953+0.1970i
41.5	72.6410+2.6844i	-4.1749+1.3601i	-3.8012-0.5724i	-1.4843+3.1274i	1.1023-0.1821i	-0.1790-0.3856i	0.9078+2.4387i	-1.0494+0.1737i
41.6	73.6217+2.9163i	-4.6328+1.3802i	-4.3494-0.5255i	-1.4770+3.1088i	1.0703-0.1796i	-0.1797-0.3989i	0.9149+2.4522i	-1.0122+0.1352i
41.7	74.3641+3.1941i	-4.7903+1.0963i	-4.5588-0.6769i	-1.5130+3.0875i	1.0612-0.1763i	-0.1826-0.3932i	0.8942+2.4550i	-1.0287+0.0826i
41.8	74.8044+3.2305i	-4.7104+1.0714i	-4.5358-0.6028i	-1.5289+3.0574i	1.0506-0.1771i	-0.2106-0.3842i	0.9017+2.4588i	-1.0635+0.0804i
41.9	75.3543+3.1341i	-4.7924+1.4331i	-4.5670-0.1974i	-1.5807+2.9583i	1.0608-0.1409i	-0.2157-0.3925i	0.8802+2.3755i	-1.0375+0.0525i
42.0	76.2255+3.0879i	-4.9866+1.4277i	-4.6814-0.2447i	-1.7437+3.0381i	1.1053-0.1828i	-0.2409-0.3957i	0.7737+2.4398i	-1.1032+0.0626i
42.1	76.9066+3.0928i	-5.2425+1.3707i	-4.9669-0.3310i	-1.7808+3.1164i	1.1164-0.2309i	-0.2527-0.3784i	0.7385+2.5018i	-1.1043+0.0743i
42.2	77.5103+3.0919i	-5.4510+1.4949i	-5.2527-0.2161i	-1.7684+3.1489i	1.0959-0.2661i	-0.2644-0.3540i	0.7440+2.5481i	-1.1121+0.0133i
42.3	78.5604+3.0291i	-5.8716+1.8306i	-5.4863+0.0884i	-1.8841+3.1640i	1.1003-0.2993i	-0.2529-0.3446i	0.6969+2.5803i	-1.2145+0.0165i
42.4	79.2838+2.7133i	-5.7779+2.0373i	-5.3377+0.1728i	-1.9961+3.3078i	1.1018-0.3687i	-0.2542-0.3540i	0.6295+2.7157i	-1.2864+0.0723i
42.5	79.7856+2.3622i	-6.0151+2.0105i	-5.6297+0.0823i	-1.9094+3.4615i	1.0608-0.4171i	-0.2599-0.3568i	0.7069+2.8247i	-1.3348+0.1373i
42.6	80.7262+2.1760i	-6.5346+2.5007i	-6.1024+0.3610i	-1.9338+3.5082i	1.0340-0.4511i	-0.2647-0.3471i	0.7425+2.8675i	-1.4045+0.2409i
42.7	81.6391+2.3150i	-6.9207+2.6617i	-6.5841+0.3793i	-1.8452+3.6003i	0.9484-0.4564i	-0.2513-0.3471i	0.8612+2.9173i	-1.3348+0.3152i
42.8	82.0780+2.7488i	-6.9315+2.3980i	-6.6959+0.3526i	-1.7782+3.4452i	0.9428-0.4019i	-0.2336-0.3363i	0.8862+2.7900i	-1.3228+0.2758i
42.9	83.5087+2.4371i	-7.3041+2.7834i	-6.9295+0.5866i	-2.0223+3.4972i	1.0046-0.4521i	-0.2392-0.3485i	0.7261+2.8500i	-1.4248+0.3769i
43.0	84.6340+1.9037i	-7.7454+3.1454i	-7.2951+0.6291i	-2.1130+3.7595i	0.9811-0.5537i	-0.2286-0.3425i	0.6896+3.0557i	-1.4281+0.5452i
43.1	85.4212+1.8743i	-8.0669+3.1976i	-7.6067+0.5490i	-2.0856+3.9461i	0.8998-0.6161i	-0.1910-0.3399i	0.7676+3.2024i	-1.3847+0.6403i
43.2	85.7707+1.7456i	-7.8748+3.2531i	-7.7154+0.5237i	-1.9385+4.0619i	0.8176-0.6000i	-0.1850-0.3665i	0.8973+3.2700i	-1.3789+0.6897i
43.3	86.1189+1.9884i	-7.7348+3.0541i	-7.8886+0.3970i	-1.7859+4.0368i	0.7912-0.5394i	-0.1931-0.3671i	0.9864+3.2171i	-1.3020+0.7851i
43.4	87.1925+1.7529i	-8.3026+3.3124i	-8.4404+0.7884i	-1.7978+3.9336i	0.8290-0.4948i	-0.1722-0.3885i	0.9503+3.1405i	-1.1930+0.7410i

43.5	87.8411+1.8309i	-8.2711+3.2394i	-8.3121+0.7556i	-1.9482+3.9652i	0.8955-0.5204i	-0.1570-0.4155i	0.8192+3.1834i	-1.2349+0.7191i
43.6	89.0043+0.8040i	-8.7910+4.1843i	-8.7691+1.3150i	-2.0479+4.2524i	0.8941-0.6303i	-0.1726-0.5095i	0.7734+3.4259i	-1.2889+0.8369i
43.7	90.2401-0.0780i	-9.4759+4.7989i	-9.5608+1.6325i	-1.9012+4.6145i	0.7880-0.7197i	-0.2395-0.5861i	0.9411+3.7088i	-1.2510+1.0451i
43.8	90.4696+0.5951i	-9.4070+3.8252i	-9.8072+0.8523i	-1.6649+4.7440i	0.7266-0.7350i	-0.2751-0.5458i	1.1212+3.8183i	-1.1223+1.1550i
43.9	91.2578+0.1963i	-9.9613+4.4528i	-10.6827+1.4769i	-1.3736+4.7700i	0.6650-0.7109i	-0.3017-0.5601i	1.3349+3.8646i	-0.8952+1.2001i
44.0	92.4897-0.2284i	-10.9194+5.0382i	-11.7694+2.2005i	-1.1321+4.7597i	0.6251-0.6956i	-0.3219-0.5890i	1.5337+3.8850i	-0.7732+1.1200i
44.1	93.6022-1.1329i	-11.4304+6.2322i	-12.0702+3.4439i	-1.0386+4.6243i	0.6196-0.6816i	-0.3387-0.6046i	1.6428+3.8048i	-0.7460+1.0564i
44.2	94.8337-1.4719i	-12.3621+6.7026i	-12.8564+3.7473i	-0.9930+4.7811i	0.5978-0.7539i	-0.3159-0.6768i	1.7234+3.9508i	-0.7199+1.0883i
44.3	94.4739-1.1207i	-11.5643+6.4221i	-12.3976+3.6243i	-0.7000+4.7536i	0.5116-0.7747i	-0.4069-0.6869i	1.9966+3.9647i	-0.6379+1.0485i
44.4	94.5405-0.5622i	-11.1303+6.0518i	-12.0647+3.4990i	-0.5664+4.5104i	0.4576-0.7142i	-0.5047-0.6281i	2.1437+3.7621i	-0.6802+0.9840i
44.5	97.0788-0.7996i	-13.1435+6.7837i	-13.7572+4.1328i	-0.5151+4.3737i	0.4245-0.6770i	-0.5206-0.6235i	2.2422+3.6564i	-0.6726+1.0847i
44.6	98.7536-1.2981i	-14.4178+7.5903i	-14.9938+4.9758i	-0.3322+4.3021i	0.3838-0.6707i	-0.5463-0.6455i	2.4073+3.5872i	-0.5610+1.1426i
44.7	101.7525-3.3580i	-16.6660+10.2594i	-16.7990+7.3832i	-0.3142+4.1286i	0.3445-0.6511i	-0.5910-0.6844i	2.4822+3.4279i	-0.4900+1.1609i
44.8	102.2603-3.0678i	-16.6402+9.9615i	-16.8881+7.2090i	-0.2990+4.0227i	0.3334-0.6265i	-0.5654-0.6012i	2.5093+3.3456i	-0.3834+1.1708i
44.9	102.5018-3.2959i	-16.2563+10.4143i	-16.5666+7.7126i	-0.3994+3.8558i	0.3618-0.5825i	-0.5527-0.5872i	2.4384+3.1968i	-0.2938+1.0189i
45.0	104.7793-6.2759i	-17.5900+13.9742i	-17.5769+10.6828i	-0.4934+3.8804i	0.3257-0.5700i	-0.6134-0.6756i	2.4529+3.1636i	-0.3280+1.0436i
45.1	106.6098-7.4270i	-18.6813+15.6834i	-18.6521+12.2542i	-0.4446+3.8261i	0.3175-0.5444i	-0.6071-0.7405i	2.5173+3.1050i	-0.2444+1.0292i
45.2	107.5665-8.3049i	-18.5786+16.6477i	-18.5980+13.1669i	-0.5496+3.8427i	0.3572-0.5816i	-0.6514-0.7916i	2.4600+3.1221i	-0.2955+1.0200i
45.3	108.2843-8.2627i	-18.4344+16.4137i	-18.4578+13.0642i	-0.5052+3.8808i	0.3312-0.6242i	-0.7312-0.7926i	2.5269+3.1598i	-0.2583+1.0841i
45.4	107.6850-8.2259i	-16.9965+16.3871i	-17.3536+13.1389i	-0.4137+3.8130i	0.3161-0.6545i	-0.8653-0.6627i	2.5732+3.1515i	-0.1940+1.1220i
45.5	107.7468-12.0556i	-16.0516+20.9721i	-16.6173+17.0580i	-0.3908+3.6143i	0.2838-0.5594i	-0.9791-0.6545i	2.6088+2.9325i	-0.0452+1.0355i
45.6	109.9048-14.5148i	-16.7703+23.6485i	-16.9976+19.5344i	-0.6542+3.5757i	0.2897-0.5713i	-1.0714-0.6926i	2.4763+2.8661i	-0.0382+0.9395i
45.7	107.2472-23.3870i	-12.3118+32.5004i	-13.1252+27.0516i	-0.5710+3.6216i	0.2259-0.4643i	-1.4055-0.6440i	2.4739+2.7301i	0.0413+0.8548i
45.8	108.9584-22.6552i	-13.4032+31.9900i	-14.2071+26.8970i	-0.5453+3.5130i	0.2299-0.4452i	-1.2880-0.6399i	2.5194+2.6527i	0.1213+0.8211i
45.9	112.6257-21.0807i	-16.4602+30.6842i	-16.9107+26.0903i	-0.6364+3.4926i	0.2273-0.5295i	-1.2031-0.7281i	2.5398+2.7224i	0.1580+0.8260i
46.0	114.0111-26.7463i	-16.1386+36.7500i	-16.2230+31.3237i	-0.6867+3.4362i	0.1704-0.4863i	-1.4336-0.7973i	2.5300+2.6053i	0.1850+0.6751i
46.1	108.9239-27.8852i	-9.4282+36.7555i	-10.1770+31.1883i	-0.8570+3.4979i	0.2148-0.4829i	-1.6231-0.4761i	2.3569+2.6609i	0.0299+0.6122i
46.2	106.8298-31.8763i	-5.9806+39.7358i	-7.1803+33.6358i	-0.9275+3.6304i	0.2209-0.4577i	-1.7261-0.2893i	2.2748+2.7184i	-0.0040+0.6945i
46.3	108.1596-30.8968i	-7.0984+38.6743i	-8.0968+32.8406i	-0.9096+3.6291i	0.1643-0.4636i	-1.5929-0.2355i	2.3835+2.7405i	0.1841+0.7760i
46.4	109.2434-33.3679i	-6.4342+41.3514i	-7.3980+35.2813i	-1.0514+3.5974i	0.1573-0.4332i	-1.6910-0.2414i	2.3108+2.6675i	0.3448+0.4755i
46.5	102.4645-38.6650i	1.8885+44.6521i	0.0182+37.5675i	-1.0808+3.8949i	0.2144-0.3679i	-1.8713+0.1108i	2.1407+2.8163i	0.1090+0.2165i
46.6	99.8549-41.2007i	4.8571+46.3981i	2.4997+39.0832i	-0.9594+4.0385i	0.2260-0.3818i	-1.8193+0.2295i	2.1913+2.9551i	-0.0568+0.2593i
46.7	98.5651-42.7627i	6.3717+47.7949i	3.9736+40.7675i	-0.8702+3.9534i	0.2080-0.3959i	-1.7613+0.1878i	2.2612+2.9321i	-0.1015+0.3206i
46.8	89.7215-39.9821i	15.1358+43.9687i	11.8927+37.2259i	-0.7761+3.9534i	0.2341-0.4445i	-1.7690+0.4370i	2.2863+3.0526i	-0.1472+0.4043i
46.9	84.4395-35.9116i	20.6185+39.1082i	16.7463+32.4205i	-0.6863+4.0443i	0.2202-0.4521i	-1.7233+0.6984i	2.3786+3.1628i	-0.1465+0.4142i
47.0	87.8602-34.7859i	17.8281+38.0124i	14.2191+31.1117i	-0.7120+4.1136i	0.1811-0.4156i	-1.5604+0.7462i	2.4595+3.1420i	-0.1918+0.3602i
47.1	83.3996-34.6719i	22.1073+37.0580i	17.6888+30.1753i	-0.5338+4.1956i	0.2427-0.4122i	-1.4272+0.8410i	2.4923+3.2066i	-0.3548+0.4739i
47.2	79.6130-34.8037i	25.7420+36.8561i	20.6528+29.9354i	-0.2886+4.2963i	0.2384-0.4677i	-1.4003+0.8440i	2.6574+3.3371i	-0.3442+0.7189i
47.3	81.8716-33.9461i	23.9041+36.7187i	19.1115+29.8875i	-0.1647+4.1701i	0.1448-0.4526i	-1.3563+0.7602i	2.8545+3.2290i	-0.1052+0.7938i
47.4	83.3325-30.4360i	22.8958+34.0772i	18.0774+27.5768i	-0.0862+3.9764i	0.1129-0.4494i	-1.2808+0.7432i	2.9739+3.1062i	0.0940+0.7551i
47.5	84.4064-23.4588i	21.7845+27.6465i	17.2352+21.9658i	-0.1518+3.7533i	0.0787-0.4783i	-1.1274+0.8327i	3.0195+3.0297i	0.2119+0.6332i
47.6	77.6812-20.8929i	28.8720+23.9768i	23.3023+18.7599i	-0.0639+3.6359i	0.1158-0.5007i	-1.1392+1.1018i	2.9872+3.0671i	0.1984+0.3483i
47.7	79.5308-18.3010i	27.1342+21.8106i	21.6656+16.6744i	-0.0450+3.5545i	0.0665-0.4930i	-0.9602+1.1028i	3.0845+3.0248i	-0.0229+0.2744i
47.8	77.5692-16.4490i	29.1289+20.0601i	23.3483+14.8642i	0.0395+3.4587i	0.0188-0.4478i	-0.8229+1.0956i	3.2087+2.9278i	-0.2168+0.4279i
47.9	77.0811-15.3003i	30.2293+19.2280i	24.1417+13.7366i	0.0209+3.3929i	-0.0019-0.3497i	-0.7928+1.0728i	3.2505+2.7679i	-0.1689+0.4650i
48.0	76.4164-15.4749i	31.9552+19.4227i	25.0517+13.4333i	0.0302+3.3996i	0.0705-0.2715i	-0.7488+1.0747i	3.2016+2.6755i	-0.2824+0.4687i
48.1	79.8995-13.5636i	29.1070+18.3737i	22.3175+12.9427i	-0.0386+3.2999i	0.0667-0.3116i	-0.6895+0.9275i	3.1953+2.6473i	-0.2098+0.6314i
48.2	83.0161-12.3558i	27.0484+17.6663i	20.6997+12.5762i	-0.1883+3.2471i	0.0316-0.3300i	-0.7278+0.8727i	3.1724+2.6393i	-0.0557+0.6452i
48.3	82.1717-10.5733i	28.2924+15.6287i	21.4614+10.8310i	-0.1194+3.2012i	0.0464-0.3244i	-0.6863+0.9133i	3.1947+2.6382i	0.0061+0.6251i
48.4	82.2913-12.8688i	29.1455+18.2079i	22.2765+12.7685i	-0.0858+3.1577i	-0.0056-0.2530i	-0.7299+0.8406i	3.2465+2.5357i	0.0366+0.5503i
48.5	85.2499-8.9802i	27.0679+15.0504i	20.2864+10.3399i	-0.2185+3.0180i	-0.0015-0.2718i	-0.6853+0.8285i	3.2302+2.4943i	0.0546+0.4963i
48.6	83.7983-7.6557i	29.2278+13.6004i	22.0498+9.0391i	-0.2282+2.9262i	0.0291-0.2605i	-0.7236+0.8980i	3.1972+2.4728i	-0.0259+0.4815i
48.7	84.3297-7.7419i	29.6757+13.5679i	22.3567+8.7842i	-0.2378+2.9384i	-0.0089-0.2373i	-0.7511+0.9706i	3.2369+2.4688i	-0.0026+0.5801i
48.8	86.2745-7.3841i	28.3983+13.2939i	21.0295+8.5236i	-0.2439+2.9426i	-0.0335-0.1794i	-0.6429+0.9622i	3.2840+2.4050i	0.0781+0.6062i
48.9	88.2979-6.3039i	27.1043+12.7457i	19.8273+8.1416i	-0.2852+2.8561i	-0.0388-0.1343i	-0.5852+0.8994i	3.3008+2.3253i	0.1558+0.5676i
49.0	90.1349-4.0437i	26.1697+11.3510i	18.9027+7.1151i	-0.3669+2.7354i	-0.0117-0.1070i	-0.5785+0.8501i	3.2625+2.2401i	0.1928+0.5185i
49.1	90.3007-4.1684i	27.4181+11.8125i	19.6013+7.4477i	-0.4789+2.6839i	0.0690-0.0826i	-0.6377+0.8238i	3.1457+2.2101i	0.1865+0.5484i
49.2	90.8915-2.3001i	27.6491+10.0163i	19.5030+6.0310i	-0.5523+2.6725i	0.1122-0.1245i	-0.6861+0.8583i	3.0788+2.2749i	0.2750+0.5242i
49.3	92.4476-0.6425i	27.3254+8.4596i	19.1768+4.6060i	-0.6369+2.6755i	0.1192-0.1192i	-0.6936+0.9684i	3.0821+2.2843i	0.2871+0.3533i
49.4	93.7238-1.2991i	27.0707+9.0882i	19.0754+4.9522i	-0.6838+2.7002i	0.1065-0.0760i	-0.6584+1.0280i	3.0990+2.2662i	0.2125+0.2656i
49.5	95.7166-2.9081i	26.1508+10.8880i	18.4655+6.3083i	-0.6850+2.7296i	0.0639-0.0051i	-0.6241+0.9969i	3.1460+2.1977i	0.2263+0.2700i
49.6	98.5429-2.7680i	24.6123+11.4423i	16.9571+6.6871i	-0.7947+2.7029i	0.0972+0.0434i	-0.6065+0.9422i	3.1029+2.1323i	0.2180+0.2023i
49.7	98.5122-1.8642i	26.0889+10.3595i	17.7424+5.7787i	-0.9194+2.6802i	0.1921+0.0323i	-0.6195+1.0066i	2.9933+2.1454i	0.1033+0.1649i

49.8	98.9754-0.1558i	26.6647+8.3583i	18.1582+4.0995i	-0.9867+2.7078i	0.2183-0.0163i	-0.5689+1.1474i	2.9550+2.2358i	0.0149+0.2058i
49.9	100.9671+1.0503i	25.3850+7.0824i	16.7545+3.1036i	-1.0222+2.7723i	0.2132-0.0285i	-0.4235+1.1360i	3.0214+2.2850i	0.0227+0.3152i
50.0	101.5928-0.0822i	25.9887+8.6978i	16.9308+4.2765i	-0.9850+2.7834i	0.2652+0.0354i	-0.4477+1.0593i	3.0006+2.2216i	0.1130+0.3190i
50.1	102.2272-0.6356i	26.8920+9.2061i	17.2850+4.6102i	-0.9633+2.7677i	0.3118+0.0582i	-0.4780+1.1064i	2.9782+2.2146i	0.1210+0.2594i
50.2	104.8100+0.0152i	25.2142+8.7049i	15.9718+4.6294i	-1.0369+2.7433i	0.2839+0.0172i	-0.3935+1.1265i	3.0146+2.2479i	0.1164+0.2315i
50.3	105.3029+1.8508i	25.2875+6.6441i	15.5931+3.6639i	-1.0442+2.6476i	0.3319-0.0682i	-0.2888+1.1166i	2.9789+2.2978i	0.0788+0.2688i
50.4	106.2246+4.3406i	25.2151+4.8289i	15.2820+2.2392i	-1.1695+2.5666i	0.4006-0.0825i	-0.2393+1.0539i	2.9194+2.2855i	0.0584+0.2638i
50.5	106.8146+4.7538i	25.7209+4.3854i	15.7093+2.1912i	-1.2948+2.5401i	0.4445-0.1272i	-0.2986+1.0777i	2.8365+2.3269i	0.0193+0.2673i
50.6	106.0323+2.9103i	27.7530+5.2570i	16.9785+2.9892i	-1.2268+2.6222i	0.5059-0.1484i	-0.3175+1.1300i	2.7892+2.3773i	0.0089+0.3288i
50.7	107.1800+1.7184i	28.2686+6.2979i	16.8650+4.2602i	-1.2102+2.6667i	0.5391-0.1868i	-0.3198+1.1116i	2.8128+2.4337i	0.0758+0.3539i
50.8	108.7578+2.4583i	27.8947+5.4087i	16.7102+3.9622i	-1.3365+2.6802i	0.5343-0.2445i	-0.3111+1.1157i	2.8256+2.4831i	0.0818+0.2869i
50.9	108.0491+0.8266i	30.2154+6.6387i	18.3438+5.1247i	-1.3039+2.6887i	0.6048-0.2698i	-0.3492+1.1565i	2.7650+2.5270i	0.0261+0.2850i
51.0	108.6245+1.9586i	30.1731+5.6672i	18.5569+4.5416i	-1.3213+2.6885i	0.5752-0.3395i	-0.3080+1.1578i	2.7951+2.6017i	0.0665+0.3362i
51.1	113.7486+5.3723i	26.0047+2.8386i	15.7890+2.5129i	-1.5081+2.7772i	0.3934-0.4338i	-0.2314+1.1885i	2.9743+2.7494i	0.1747+0.2962i
51.2	114.8519+3.9472i	26.0192+3.5211i	15.8721+3.1276i	-1.5032+2.8166i	0.3653-0.4198i	-0.1403+1.2395i	3.0465+2.7484i	0.1158+0.2131i
51.3	114.9573+5.0598i	26.2090+2.6577i	16.0578+2.3412i	-1.5221+2.8129i	0.3686-0.4278i	-0.0715+1.1826i	3.0548+2.7325i	0.0659+0.2392i
51.4	115.3308+5.2678i	26.7357+2.3831i	16.5890+2.6286i	-1.5104+2.7934i	0.3424-0.4674i	-0.0539+1.1673i	3.0929+2.7851i	0.0578+0.3097i
51.5	117.2264+5.5601i	26.0404+2.3137i	16.1957+2.8926i	-1.5535+2.8528i	0.2713-0.4869i	-0.1129+1.1203i	3.1752+2.8153i	0.1861+0.3422i
51.6	118.2162+5.1083i	27.2905+2.3426i	17.2394+2.7136i	-1.5875+2.8419i	0.2606-0.4783i	-0.1522+1.2392i	3.2355+2.8103i	0.2253+0.2364i
51.7	119.5119+5.7717i	26.8587+1.7538i	17.0911+2.4006i	-1.5714+2.7844i	0.2266-0.5099i	-0.0424+1.2730i	3.2996+2.8336i	0.1964+0.2278i
51.8	121.6448+7.2447i	25.5139+0.7932i	16.0223+1.6591i	-1.6393+2.7846i	0.1697-0.5587i	0.0262+1.2465i	3.3814+2.8930i	0.2193+0.2467i
51.9	122.2083+7.0807i	25.9143+1.0558i	17.0752+1.5722i	-1.7058+2.8295i	0.0920-0.4647i	0.0632+1.2629i	3.4777+2.8169i	0.2825+0.1557i
52.0	123.2325+7.4030i	26.5621+0.5221i	17.4702+1.0145i	-1.7371+2.7730i	0.1106-0.4521i	0.1284+1.3244i	3.4963+2.8051i	0.2122+0.0188i
52.1	125.6991+6.5565i	25.7540+1.2959i	16.5064+2.1595i	-1.7533+2.7998i	0.0821-0.4483i	0.1929+1.2714i	3.5539+2.7850i	0.1472+0.0190i
52.2	126.5684+6.1031i	26.1007+1.2951i	16.8723+2.5931i	-1.8209+2.8327i	0.0511-0.4591i	0.2239+1.2559i	3.5840+2.7944i	0.1141+0.0455i
52.3	127.3827+6.8817i	26.3287+0.6671i	17.6809+1.7030i	-1.9634+2.8054i	-0.0119-0.4037i	0.3009+1.2135i	3.6174+2.7762i	0.1185+0.0897i
52.4	128.3449+6.2963i	26.9897+1.6101i	17.9116+2.2522i	-1.9529+2.8369i	0.0720-0.3143i	0.2251+1.1469i	3.5629+2.7077i	0.1672+0.0262i
52.5	129.5682+7.2074i	27.0600+0.8139i	17.8882+1.7536i	-1.9708+2.8510i	0.0744-0.3444i	0.2840+1.1851i	3.5787+2.7807i	0.0786-0.0487i
52.6	131.5016+8.0200i	26.0380-0.4555i	17.2096+1.2300i	-2.0318+2.8890i	0.0174-0.3741i	0.3738+1.1459i	3.6496+2.8466i	-0.0177+0.0069i
52.7	132.5923+8.0819i	25.5535-0.6507i	16.9184+1.4070i	-2.0515+2.9476i	-0.0082-0.4061i	0.3413+1.0927i	3.6781+2.9090i	0.0227+0.0660i
52.8	133.8516+8.0103i	25.7771-0.8516i	17.4508+1.5027i	-2.0859+3.0102i	-0.0369-0.4046i	0.2719+1.1927i	3.7583+2.9872i	0.0483-0.0166i
52.9	134.6653+7.5532i	26.1704-0.7957i	18.6184+1.6216i	-2.1083+3.0242i	-0.0649-0.3679i	0.3480+1.2664i	3.8644+2.9960i	-0.0371-0.0412i
53.0	136.9272+8.3303i	24.8602-1.1712i	17.8698+0.6491i	-2.0943+3.1125i	-0.1149-0.3194i	0.4734+1.2280i	4.0208+2.9788i	-0.0661+0.0294i
53.1	137.1792+7.7185i	25.9447-0.7498i	19.0174+0.5675i	-2.0488+3.1213i	-0.1107-0.2802i	0.5528+1.2423i	4.1456+2.9340i	-0.0833+0.0646i
53.2	138.5989+8.3374i	25.3573-0.7264i	18.4913+0.0044i	-2.0689+3.1389i	-0.1104-0.2383i	0.6297+1.1781i	4.2130+2.8806i	-0.0660+0.0889i
53.3	140.6043+8.6899i	24.9366-0.2104i	17.8120+0.3915i	-2.0529+2.9646i	-0.0751-0.1992i	0.6644+1.0629i	4.2493+2.7719i	-0.0057+0.0933i
53.4	140.9522+9.4477i	25.7167-0.0987i	18.1600+0.0824i	-2.0649+2.9738i	-0.0589-0.1756i	0.6651+0.9999i	4.2851+2.7054i	0.0138+0.0412i
53.5	141.9343+9.6714i	26.6895+0.2822i	18.3990-0.1116i	-2.1046+3.0047i	0.0047-0.1453i	0.6347+0.9619i	4.2654+2.6476i	-0.0612+0.0092i
53.6	143.6164+10.1492i	27.0243-0.2269i	18.0925-0.3239i	-2.1490+2.9338i	0.0691-0.1729i	0.6180+0.9289i	4.1987+2.6352i	-0.0756+0.0774i
53.7	146.3402+10.6120i	26.7452-1.0969i	18.1040-0.3242i	-2.2987+3.0039i	0.0322-0.2635i	0.5871+0.9550i	4.2338+2.7399i	0.0024+0.0858i
53.8	148.1456+9.7446i	27.4078-0.5033i	19.3340+0.4763i	-2.2601+3.0774i	-0.0433-0.2601i	0.5550+1.0181i	4.3750+2.7792i	0.0184-0.0174i
53.9	148.2190+9.4273i	27.8786-0.5661i	19.6934-0.1454i	-2.1873+3.1063i	-0.0381-0.2228i	0.6173+1.0630i	4.4326+2.7355i	-0.0814-0.0596i
54.0	149.2299+10.5968i	27.5435-1.1595i	19.2450-0.7608i	-2.1233+3.0565i	-0.0503-0.1961i	0.7395+1.0073i	4.5128+2.7025i	-0.1652-0.0309i
54.1	151.1877+11.2188i	27.4566-1.3077i	19.3377-0.7067i	-2.1553+3.0207i	-0.0820-0.1822i	0.7512+0.9186i	4.6015+2.6481i	-0.1835+0.0462i
54.2	153.1809+10.9610i	27.6852-1.0809i	20.4547-0.5005i	-2.2311+2.9731i	-0.1041-0.1453i	0.6700+0.9483i	4.7075+2.5425i	-0.1229+0.0850i
54.3	154.5222+11.0871i	28.2812-1.3863i	20.8982-1.4474i	-2.1718+2.8507i	-0.1017-0.0914i	0.8133+1.0155i	4.7712+2.3678i	-0.1451+0.0621i
54.4	156.0986+10.8616i	28.4865-1.4366i	20.7545-1.7742i	-2.2823+2.8016i	-0.0895-0.0646i	0.8909+0.9449i	4.7404+2.2695i	-0.1429+0.0783i
54.5	158.1970+10.8300i	28.0437-1.5880i	20.3983-2.3208i	-2.5025+2.8883i	-0.1018-0.0646i	0.9458+0.8601i	4.7161+2.2533i	-0.1225+0.0856i
54.6	159.6596+12.2636i	28.6892-1.4362i	20.4751-3.0272i	-2.6090+2.7439i	-0.0285-0.0570i	0.9761+0.7612i	4.5827+2.2645i	-0.1151+0.1051i
54.7	161.1364+11.7982i	29.5234-1.0455i	21.1459-2.7247i	-2.6342+2.7854i	-0.0004-0.0383i	0.8864+0.6905i	4.5485+2.2160i	-0.0753+0.0855i
54.8	162.8039+11.1864i	30.1529-1.6481i	21.7799-3.4505i	-2.7458+2.8136i	-0.0223-0.0262i	0.8688+0.7727i	4.5943+2.1811i	-0.0901+0.0023i
54.9	164.6939+11.4944i	30.2677-2.1985i	21.2659-4.1492i	-2.8251+2.8554i	-0.0267-0.0085i	0.9492+0.7840i	4.6325+2.1681i	-0.1478-0.0034i
55.0	166.6927+11.9922i	30.3786-2.0758i	20.4188-4.1523i	-2.8554+2.9035i	0.0104+0.0129i	1.0144+0.6895i	4.5968+2.1250i	-0.1986+0.0271i
55.1	168.8335+12.0675i	30.7341-2.3708i	20.2488-4.0976i	-2.8736+2.9080i	0.0176+0.0203i	1.0135+0.6233i	4.5964+2.1169i	-0.1979+0.0447i
55.2	170.7962+12.5748i	31.5128-2.9248i	20.2589-4.2677i	-2.9571+2.8423i	0.0172+0.0040i	1.0463+0.5712i	4.6322+2.1516i	-0.2062+0.0697i
55.3	172.3060+12.6491i	32.2936-3.0519i	20.4805-4.2346i	-3.0522+2.8509i	0.0369-0.0094i	1.0444+0.5061i	4.6176+2.1633i	-0.2329+0.0912i
55.4	173.5007+12.5768i	32.7513-2.7240i	20.9943-4.0364i	-3.1212+2.9173i	0.0547+0.0110i	0.9889+0.4621i	4.5607+2.1374i	-0.2247+0.0914i
55.5	175.3458+12.1794i	33.5238-3.0597i	21.6312-4.1100i	-3.1030+2.9550i	0.0347+0.0523i	0.9433+0.5186i	4.5958+2.1056i	-0.2114+0.0579i
55.6	177.9705+12.5263i	34.1242-4.0647i	21.2873-4.2851i	-3.2185+2.9070i	0.0152+0.0673i	1.0740+0.5023i	4.6714+2.1225i	-0.2747+0.0618i
55.7	180.2724+11.9404i	34.5148-4.1525i	21.5255-4.1877i	-3.3434+3.0027i	0.0452+0.0757i	1.1206+0.4138i	4.6560+2.1100i	-0.3166+0.0936i
55.8	181.1773+11.0452i	35.7212-4.8291i	22.5909-4.3707i	-3.4134+3.0864i	0.0502+0.0729i	1.1284+0.3441i	4.6553+2.0982i	-0.3285+0.1466i
55.9	183.1847+11.3180i	36.4230-4.1258i	22.6842-3.8957i	-3.3129+3.0885i	0.0925+0.0808i	1.0854+0.2919i	4.6444+2.1232i	-0.3535+0.1582i
56.0	185.8252+11.4995i	36.7197-4.8134i	22.8248-4.0730i	-3.3690+3.1069i	0.0894+0.0874i	1.0206+0.2520i	4.6805+2.1461i	-0.3362+0.1902i

56.1	188.1303+11.8746i	37.3247-5.7792i	23.6388-4.8925i	-3.4589+3.1250i	0.0960+0.0906i	1.0433+0.3439i	4.7025+2.1523i	-0.3420+0.1980i
56.2	190.1349+12.5441i	37.8524-6.3782i	23.9918-4.9572i	-3.5050+3.1044i	0.1206+0.1097i	1.0839+0.2801i	4.7005+2.1445i	-0.3501+0.2374i
56.3	191.1008+12.2762i	39.0974-6.3715i	24.4274-4.7128i	-3.4369+3.1845i	0.1323+0.1389i	1.0974+0.1927i	4.7151+2.1281i	-0.3506+0.2695i
56.4	194.0543+11.6541i	39.7740-7.3680i	24.0789-5.2068i	-3.5432+3.2669i	0.1093+0.1269i	1.0938+0.1437i	4.8287+2.1827i	-0.3425+0.3132i
56.5	197.2481+11.7156i	40.7368-8.4301i	25.3045-5.2505i	-3.6528+3.1877i	0.1381+0.1452i	1.0838+0.0732i	4.8670+2.1581i	-0.3191+0.3454i
56.6	198.3349+11.2851i	41.5632-9.1311i	26.2824-5.5182i	-3.6535+3.2045i	0.1656+0.1734i	1.0729+0.0361i	4.8494+2.1018i	-0.2922+0.3442i
56.7	200.0254+10.5210i	41.4335-9.8731i	26.4283-5.9207i	-3.6593+3.2907i	0.1805+0.1795i	1.0406-0.0116i	4.8402+2.0755i	-0.2695+0.3549i
56.8	201.7587+10.7565i	42.3055-9.9526i	26.9761-6.1935i	-3.6792+3.3390i	0.1769+0.1717i	1.0366-0.0321i	4.8506+2.1214i	-0.2598+0.3555i
56.9	205.6314+10.0300i	43.8316-11.4039i	28.3835-7.1038i	-3.7804+3.3270i	0.2121+0.1662i	1.0158-0.0896i	4.8455+2.1438i	-0.2365+0.3750i
57.0	207.6748+9.7786i	44.5576-12.3048i	29.3472-6.8491i	-3.7978+3.2731i	0.2310+0.1922i	0.9703-0.1481i	4.8530+2.1104i	-0.2184+0.3837i
57.1	209.9721+9.3464i	45.9992-14.1879i	30.8613-6.8247i	-3.7635+3.2247i	0.2360+0.2213i	0.8973-0.1887i	4.9015+2.0908i	-0.1860+0.3869i
57.2	211.5589+9.6114i	46.5577-15.5520i	31.7474-8.0287i	-3.7990+3.1538i	0.2456+0.2318i	0.8508-0.1221i	4.8948+2.1117i	-0.1650+0.3508i
57.3	214.7759+6.8776i	47.6359-17.2251i	32.5899-10.4626i	-3.8598+3.3064i	0.3053+0.2268i	0.9422-0.1413i	4.8762+2.1306i	-0.2059+0.3379i
57.4	217.5129+6.2409i	48.1470-19.1124i	33.3234-11.2535i	-3.9568+3.2581i	0.3338+0.2466i	0.9636-0.2222i	4.8970+2.1105i	-0.2283+0.3571i
57.5	220.5896+7.0041i	49.1085-20.1137i	34.5408-10.9086i	-3.9984+3.1685i	0.3735+0.2653i	0.9267-0.2727i	4.9031+2.1086i	-0.2467+0.3821i
57.6	223.2411+6.2666i	49.0073-22.0524i	36.1554-10.9796i	-4.0151+3.1795i	0.4219+0.2906i	0.8834-0.3224i	4.8730+2.0574i	-0.2469+0.4002i
57.7	225.4541+5.9444i	49.3210-24.2199i	36.3842-11.8035i	-4.0069+3.1027i	0.4213+0.2887i	0.8644-0.3592i	4.9087+2.0821i	-0.2298+0.4253i
57.8	228.2982+3.8823i	49.8796-25.7715i	39.4479-13.3756i	-4.1332+3.0993i	0.4776+0.2856i	0.8147-0.4080i	4.8411+2.0580i	-0.2073+0.4644i
57.9	231.1332+3.3389i	50.7785-27.8342i	40.6294-15.8970i	-4.2085+3.0629i	0.4967+0.2660i	0.8082-0.4408i	4.8392+2.1252i	-0.1903+0.4786i
58.0	234.5865+3.0000i	49.8251-29.6834i	41.7631-18.4600i	-4.3704+2.9621i	0.5647+0.2825i	0.7496-0.4744i	4.7758+2.1901i	-0.1951+0.4447i
58.1	236.7295+0.7776i	49.6259-32.3318i	42.8747-19.6011i	-4.3839+2.9446i	0.5973+0.3054i	0.7023-0.5284i	4.7503+2.1636i	-0.1954+0.4600i
58.2	239.3471-0.7557i	49.3604-35.0089i	44.5351-21.4019i	-4.4707+2.8513i	0.6489+0.2981i	0.6423-0.5646i	4.7179+2.1894i	-0.1847+0.5017i
58.3	242.8976-0.3962i	50.0358-37.9186i	46.0520-24.9332i	-4.5998+2.6390i	0.7002+0.2721i	0.5700-0.6016i	4.6671+2.3649i	-0.1827+0.5722i
58.4	245.1455-2.6057i	48.9702-40.8625i	46.3411-27.6965i	-4.7313+2.6179i	0.7193+0.2537i	0.5049-0.6071i	4.7186+2.4377i	-0.1228+0.5852i
58.5	247.2682-6.0062i	47.3859-44.1079i	46.8459-31.2493i	-4.7815+2.5432i	0.7820+0.2189i	0.4440-0.5697i	4.7369+2.5091i	-0.0574+0.5834i
58.6	248.2093-8.5000i	46.2237-46.3661i	47.4158-36.0778i	-4.8011+2.4556i	0.8423+0.1503i	0.4232-0.5478i	4.6810+2.6524i	-0.0192+0.5797i
58.7	250.2148-8.7725i	44.3834-48.8806i	48.0351-39.5199i	-4.9439+2.1700i	0.9090+0.1322i	0.3640-0.5758i	4.6029+2.8147i	0.0054+0.5843i
58.8	252.0700-11.6586i	40.9173-50.9254i	46.7092-44.3550i	-5.2830+2.1048i	0.9469+0.0634i	0.2881-0.5666i	4.6557+3.0376i	0.0660+0.5706i
58.9	254.3987-13.1104i	38.4353-51.6612i	46.1534-47.9317i	-5.5913+2.1035i	0.9982+0.0090i	0.2544-0.5417i	4.7243+3.1839i	0.0810+0.5540i
59.0	256.4495-16.2360i	35.1239-53.2163i	43.1392-54.2180i	-6.1297+2.1142i	1.0248-0.1021i	0.1820-0.5323i	4.8675+3.4397i	0.0995+0.5297i
59.1	258.3837-18.6708i	33.1557-54.7965i	41.5275-61.3243i	-6.5469+2.0091i	1.0600-0.2264i	0.1105-0.5200i	4.9613+3.8295i	0.1183+0.5591i
59.2	259.3576-18.5958i	29.2382-54.2818i	39.5335-62.6214i	-6.8408+1.9822i	1.0769-0.2699i	0.0949-0.4665i	5.0941+3.8999i	0.1604+0.5454i
59.3	261.1222-20.2992i	24.4402-53.9967i	35.9576-66.7043i	-7.5276+1.9987i	1.0929-0.3483i	0.0717-0.4554i	5.3578+4.1242i	0.1576+0.5104i
59.4	262.4445-22.6698i	22.8552-51.8632i	31.9087-69.2816i	-7.9152+2.3035i	1.0719-0.4286i	0.0592-0.4241i	5.6064+4.2621i	0.1562+0.5059i
59.5	263.6381-23.7683i	20.3772-49.3153i	24.6137-72.6562i	-8.4403+2.6133i	1.0082-0.5454i	0.0571-0.3590i	6.0403+4.5060i	0.1386+0.5177i
59.6	265.2444-23.8550i	20.2362-47.5453i	20.9800-74.7121i	-8.7762+2.7989i	0.9728-0.6099i	0.0532-0.3510i	6.3151+4.6401i	0.1550+0.5447i
59.7	267.7022-23.7653i	20.3241-44.9674i	16.4827-76.2781i	-9.2936+3.1802i	0.9266-0.6873i	0.0681-0.3299i	6.6986+4.7810i	0.1535+0.5632i
59.8	268.3623-26.5852i	19.5992-43.1029i	8.5719-76.3081i	-9.6144+3.7649i	0.8112-0.7537i	0.0362-0.3004i	7.2136+4.7431i	0.2235+0.5545i
59.9	268.4981-28.3410i	19.9239-41.6642i	2.3857-73.8163i	-10.2308+3.1862i	0.7071-0.7644i	0.0343-0.3008i	7.6691+4.5095i	0.2813+0.5566i
60.0	272.4750-28.2189i	24.8479-36.0537i	-0.6812-70.7507i	-8.9330+8.8914i	0.6406-0.8381i	0.0381-0.2905i	8.1379+4.4374i	0.3213+0.6273i
60.1	274.8261-29.0498i	26.3523-38.5891i	-5.5170-72.1180i	-10.3326+7.5731i	0.5651-0.8440i	0.0473-0.3436i	8.5438+4.4182i	0.3687+0.6503i
60.2	276.6713-32.0098i	29.0229-40.5563i	-9.5177-70.0672i	-10.0747+6.0017i	0.4733-0.7928i	0.0431-0.3432i	8.8718+4.1031i	0.4285+0.6011i
60.3	277.6147-35.0506i	30.2894-41.6938i	-11.6659-67.2988i	-9.7304+6.6696i	0.4222-0.7664i	-0.0282-0.3437i	9.1332+3.6782i	0.5407+0.5329i
60.4	277.7646-37.5331i	31.5861-43.2796i	-13.0079-66.1259i	-9.4302+6.9974i	0.3853-0.7526i	-0.1066-0.3377i	9.2469+3.3847i	0.6121+0.4568i
60.5	282.3296-40.2912i	33.6080-46.6314i	-14.5413-66.1530i	-9.2104+7.4023i	0.3517-0.7347i	-0.2106-0.3479i	9.4857+3.1335i	0.7169+0.3840i
60.6	287.0632-42.4963i	36.2636-50.9271i	-15.7560-66.7429i	-9.0866+7.6875i	0.3339-0.7241i	-0.3046-0.3692i	9.7523+2.8821i	0.7949+0.3015i
60.7	284.0728-45.2621i	35.7261-53.8487i	-19.1747-63.8782i	-8.6669+7.8983i	0.2769-0.6809i	-0.3101-0.3022i	9.8368+2.4724i	0.7791+0.1863i
60.8	281.3869-46.5793i	34.2446-56.9289i	-22.1245-60.6060i	-8.2537+8.0896i	0.2237-0.6380i	-0.3202-0.2206i	9.8243+2.0799i	0.7552+0.0641i
60.9	281.4743-49.0144i	33.0741-61.0094i	-23.5186-58.9041i	-7.8884+8.3314i	0.2071-0.5957i	-0.3892-0.2175i	9.8574+1.6919i	0.7820-0.0292i
61.0	281.3647-54.4593i	31.6370-66.1924i	-25.3287-58.8806i	-7.5092+8.6331i	0.1973-0.5638i	-0.4936-0.2068i	9.9136+1.3059i	0.8021-0.1387i
61.1	281.1436-53.8424i	29.4224-67.7673i	-25.4542-57.3039i	-7.2179+8.4359i	0.2091-0.5407i	-0.5523-0.1353i	9.7622+1.1065i	0.7372-0.2088i
61.2	277.7301-50.5782i	23.6786-67.6930i	-26.9642-51.9294i	-6.9477+8.1326i	0.2087-0.4629i	-0.4816+0.0310i	9.5049+0.8441i	0.5857-0.3010i
61.3	275.9791-48.7600i	20.6345-68.7230i	-28.9236-49.9643i	-6.6481+7.8061i	0.1937-0.4487i	-0.4834+0.1358i	9.3548+0.7278i	0.5171-0.3588i
61.4	273.8629-47.3099i	17.7723-69.3257i	-29.6936-49.0654i	-6.4447+7.5640i	0.2036-0.4343i	-0.4938+0.2386i	9.1528+0.6615i	0.4553-0.4290i
61.5	274.6925-47.4046i	14.1438-71.2423i	-31.8082-47.4012i	-6.3473+7.5027i	0.1932-0.3963i	-0.4759+0.3280i	9.0924+0.4570i	0.3494-0.4801i
61.6	274.0893-44.8944i	12.2226-71.0268i	-32.2345-46.1151i	-6.4403+7.2888i	0.1950-0.3807i	-0.4414+0.3876i	9.0321+0.4339i	0.2988-0.4788i
61.7	274.6406-39.5124i	9.3171-68.4468i	-32.0142-43.1483i	-6.4872+6.8344i	0.2171-0.3384i	-0.3849+0.4472i	8.8525+0.4992i	0.2193-0.4414i
61.8	275.4727-39.4043i	6.8271-69.2849i	-32.9296-41.2642i	-6.4118+6.8765i	0.2222-0.3147i	-0.3501+0.5014i	8.7705+0.3871i	0.1654-0.4557i
61.9	277.7024-36.4136i	6.8966-70.1172i	-33.5000-39.3845i	-6.4121+6.7090i	0.2368-0.2848i	-0.3146+0.4680i	8.8564+0.3532i	0.1678-0.4105i
62.0	279.4621-33.6266i	4.5360-70.2793i	-33.8697-38.3099i	-6.5062+6.4238i	0.2573-0.2764i	-0.2947+0.5412i	8.8058+0.3340i	0.1380-0.4543i
62.1	281.8099-30.1211i	3.4611-69.7094i	-33.7798-37.9866i	-6.6789+6.2164i	0.2791-0.2807i	-0.2870+0.5794i	8.7729+0.3655i	0.1231-0.4692i
62.2	285.1682-27.4615i	3.0054-68.4129i	-31.9634-36.9612i	-6.9107+6.0480i	0.3031-0.2742i	-0.2538+0.5931i	8.7225+0.3691i	0.0952-0.4818i
62.3	288.8470-24.6185i	3.4634-67.7064i	-31.3946-34.4657i	-7.2735+6.0256i	0.3227-0.2520i	-0.1818+0.5591i	8.8402+0.3410i	0.0688-0.4546i

62.4	293.3775-23.5785i	2.4360-68.6961i	-31.0847-32.9581i	-7.4424+6.1659i	0.3420-0.2443i	-0.1606+0.5488i	8.8816+0.2385i	0.0567-0.4405i
62.5	302.6673-19.3337i	3.8201-67.7919i	-30.0597-33.2530i	-8.0818+6.1745i	0.3452-0.2501i	-0.1145+0.5424i	9.0237+0.3719i	0.0099-0.4300i
62.6	305.9937-17.5194i	2.8645-67.2097i	-31.4301-32.7022i	-8.4111+6.0039i	0.3499-0.2440i	-0.0441+0.6069i	9.1119+0.4426i	-0.0279-0.4371i
62.7	306.8471-13.7565i	0.3669-67.0250i	-30.2604-32.2350i	-8.3178+5.7695i	0.3895-0.2314i	-0.0643+0.6646i	8.9551+0.4483i	0.0057-0.4583i
62.8	311.3530-14.7492i	-2.5593-67.9447i	-31.3317-33.5586i	-8.3708+5.7895i	0.4032-0.2444i	-0.0955+0.7804i	8.9270+0.4366i	-0.0395-0.5207i
62.9	317.4438-15.8171i	-4.4961-70.1644i	-31.7780-33.9597i	-8.5482+5.9011i	0.4251-0.2483i	-0.1090+0.8522i	9.0044+0.2982i	-0.0743-0.5903i
63.0	324.2837-13.9344i	-4.0680-71.7520i	-31.8093-34.1776i	-8.8568+6.0212i	0.4343-0.2529i	-0.0619+0.8493i	9.1350+0.2416i	-0.1352-0.6405i
63.1	328.4747-11.3678i	-5.2988-70.6505i	-33.0035-33.9927i	-9.1434+5.8272i	0.4471-0.2488i	0.0332+0.9302i	9.2093+0.3641i	-0.2142-0.6811i
63.2	332.6695-10.9237i	-8.7350-71.0205i	-32.3576-34.1876i	-9.2152+5.8369i	0.4658-0.2430i	0.0458+0.9895i	9.0986+0.3011i	-0.2753-0.7360i
63.3	340.5283-10.2384i	-8.7450-71.7476i	-31.6953-33.9531i	-9.6740+5.9346i	0.4870-0.2444i	0.0749+0.9741i	9.1990+0.2381i	-0.3510-0.7421i
63.4	347.7173-9.0909i	-9.0806-72.0262i	-32.0862-33.5525i	-10.0634+6.0566i	0.5089-0.2415i	0.1229+0.9746i	9.3515+0.2019i	-0.4146-0.7763i
63.5	356.6806-10.1602i	-9.8471-73.3078i	-32.5905-33.9596i	-10.5204+6.2739i	0.5424-0.2624i	0.2061+0.9973i	9.5702+0.1352i	-0.5483-0.7650i
63.6	363.1064-10.1348i	-11.9737-75.5357i	-33.7613-34.9615i	-10.7920+6.3699i	0.5489-0.2651i	0.2577+1.0367i	9.6265+0.0379i	-0.6900-0.7305i
63.7	367.9512-5.6148i	-14.4645-73.5580i	-34.3944-33.6884i	-11.0321+6.0456i	0.5666-0.2577i	0.3484+1.0576i	9.6086+0.1920i	-0.7583-0.7210i
63.8	372.6795-5.0911i	-16.4045-71.8584i	-35.5482-34.1570i	-11.3170+5.8700i	0.5869-0.2702i	0.4349+1.1096i	9.6047+0.3782i	-0.8465-0.6755i
63.9	384.3545-5.7583i	-16.6217-74.3751i	-36.7781-33.6081i	-12.0775+6.1768i	0.6166-0.2895i	0.5031+1.0536i	9.9442+0.2604i	-0.9870-0.5920i
64.0	390.2471-9.5209i	-19.7482-75.2301i	-38.6972-33.2276i	-12.2256+6.5866i	0.6279-0.2941i	0.5631+1.1024i	10.0501+0.0444i	-1.0492-0.4790i
64.1	395.1968-10.4143i	-21.5370-74.4901i	-38.9538-33.4866i	-12.3164+6.6612i	0.6396-0.3044i	0.5818+1.1393i	10.0150+0.0736i	-1.0807-0.4365i
64.2	403.0292-9.1900i	-23.3659-72.4530i	-39.1841-33.1653i	-12.6807+6.6733i	0.6709-0.3048i	0.6751+1.1572i	10.0927+0.1548i	-1.1296-0.3801i
64.3	410.5492-9.7399i	-25.5120-72.2981i	-41.4413-32.5604i	-13.0018+6.9038i	0.6911-0.3114i	0.7696+1.1578i	10.2445+0.1044i	-1.1586-0.2948i
64.4	416.9049-7.5581i	-26.8234-70.9457i	-41.7508-32.7537i	-13.2330+6.7446i	0.7211-0.3266i	0.8743+1.1823i	10.3172+0.2412i	-1.2475-0.2429i
64.5	429.8240-11.9496i	-27.9226-73.0918i	-43.4245-33.9183i	-14.0128+7.1493i	0.7318-0.3716i	0.9399+1.1889i	10.6811+0.1023i	-1.3087-0.1618i
64.6	437.2418-15.1922i	-30.0436-72.0623i	-44.7395-34.5159i	-14.3952+7.4813i	0.7389-0.3918i	0.9928+1.1670i	10.7736-0.0110i	-1.3125-0.0915i
64.7	444.3741-17.4169i	-33.0316-70.5487i	-46.4831-33.0259i	-14.5665+7.6693i	0.7692-0.3949i	1.1200+1.1505i	10.7977-0.0963i	-1.2755-0.0162i
64.8	450.0103-14.9160i	-35.9237-68.6308i	-46.6210-31.9504i	-14.7660+7.6848i	0.7889-0.4172i	1.1900+1.1595i	10.7750-0.0635i	-1.2531+0.0432i
64.9	460.0589-16.4051i	-36.3288-69.7725i	-48.1151-31.9675i	-15.4432+7.8925i	0.7828-0.4418i	1.2652+1.1362i	11.0322-0.0914i	-1.2801+0.1205i
65.0	470.8446-19.4063i	-36.6800-69.0158i	-49.6925-30.5392i	-15.8151+8.1345i	0.7982-0.4572i	1.3752+1.0628i	11.2475-0.1309i	-1.2898+0.2079i
65.1	477.9827-24.4948i	-38.2865-67.1240i	-49.7117-30.0436i	-16.0526+8.7032i	0.8072-0.4833i	1.4452+0.9984i	11.3404-0.1983i	-1.3347+0.2795i
65.2	491.1023-26.1950i	-39.2086-66.4251i	-51.2840-30.7898i	-16.7047+8.9000i	0.8253-0.5108i	1.5190+0.9721i	11.6373-0.1085i	-1.3470+0.4051i
65.3	498.5110-27.0217i	-40.1311-65.6181i	-52.5809-30.3293i	-17.0182+9.0389i	0.8304-0.5149i	1.5797+0.9509i	11.8097-0.1123i	-1.2975+0.4811i
65.4	507.5551-31.6871i	-42.1062-66.2252i	-55.2082-28.2477i	-17.4640+9.6063i	0.8285-0.5178i	1.6603+0.8799i	12.0221-0.3275i	-1.1951+0.5564i
65.5	519.5142-36.7522i	-43.8613-66.3127i	-58.4931-27.2309i	-17.9416+10.1850i	0.8334-0.5437i	1.7773+0.7983i	12.3163-0.5261i	-1.1318+0.5863i
65.6	527.9467-41.9781i	-45.5848-66.4903i	-60.1487-26.7759i	-18.1503+10.6669i	0.8359-0.5638i	1.8396+0.7306i	12.4792-0.7439i	-1.1076+0.5812i
65.7	541.9266-47.2325i	-47.3571-66.6234i	-60.2929-26.5332i	-18.7630+11.2301i	0.8648-0.5886i	1.8751+0.6465i	12.8044-0.8757i	-1.0933+0.5515i
65.8	550.3939-51.1150i	-48.2394-65.2302i	-60.7551-25.3144i	-19.1432+11.4244i	0.8662-0.5994i	1.9185+0.5544i	13.0318-0.9525i	-1.1037+0.5760i
65.9	559.6079-59.3534i	-49.7672-63.9280i	-62.9522-23.7921i	-19.2778+12.0181i	0.8700-0.6066i	1.9734+0.4829i	13.2211-1.1572i	-1.1157+0.6121i
66.0	576.4825-57.4282i	-50.4190-63.4561i	-64.4196-25.1224i	-19.9742+12.1816i	0.9069-0.6158i	2.0839+0.4771i	13.6196-1.1238i	-1.1763+0.6113i
66.1	586.9654-63.3866i	-52.9359-62.0479i	-66.0935-23.0198i	-20.3263+12.6171i	0.9224-0.5990i	2.1675+0.4272i	13.7970-1.3332i	-1.1469+0.6166i
66.2	607.0249-62.7323i	-52.2411-63.0751i	-69.0165-22.3696i	-21.5168+12.6897i	0.9792-0.6144i	2.2664+0.3550i	14.4028-1.3041i	-1.1691+0.6374i
66.3	613.7487-73.2567i	-55.7955-63.8197i	-70.8686-19.8379i	-21.4842+13.5264i	0.9995-0.6440i	2.2239+0.2399i	14.3688-1.8498i	-1.1181+0.6570i
66.4	623.8442-80.4074i	-55.8221-60.5121i	-71.9698-19.3392i	-21.8712+13.9853i	1.0337-0.6321i	2.4055+0.1369i	14.6257-1.8581i	-1.2110+0.7076i
66.5	643.4768-85.1266i	-56.8226-59.9937i	-74.5171-18.9716i	-22.7191+14.6077i	1.0770-0.6487i	2.4959+0.0532i	15.0360-2.0029i	-1.2609+0.7239i
66.6	662.9810-94.9620i	-58.5371-61.7832i	-78.5641-17.5400i	-23.7251+15.4628i	1.1347-0.6914i	2.5856-0.1477i	15.6470-2.5025i	-1.2587+0.7696i
66.7	679.0075-115.0011i	-64.1381-64.5133i	-81.7110-14.0099i	-24.4313+17.0107i	1.1743-0.7712i	2.5663-0.4018i	15.9892-3.3963i	-1.2169+0.8689i
66.8	693.4092-122.4064i	-67.1391-61.7378i	-82.5911-11.7176i	-24.7709+17.5342i	1.1980-0.7818i	2.6122-0.4362i	16.0228-3.4737i	-1.2875+0.8464i
66.9	710.4064-124.8545i	-68.0338-58.6022i	-83.3164-10.6562i	-25.5661+17.8971i	1.2489-0.7947i	2.6923-0.5359i	16.3014-3.4355i	-1.3809+0.8797i
67.0	732.5968-138.3739i	-66.2894-58.3174i	-85.2666-8.2538i	-26.5758+18.9529i	1.3462-0.8406i	2.7547-0.7580i	16.9425-3.7930i	-1.4812+0.9559i
67.1	744.7946-150.6274i	-67.7102-58.0176i	-87.0277-7.2847i	-26.7829+19.7557i	1.3638-0.8875i	2.7513-0.8324i	17.0907-4.0747i	-1.5264+1.0188i
67.2	758.4963-172.0007i	-70.3401-57.8691i	-90.1783-2.7546i	-27.0228+21.2179i	1.4150-0.9824i	2.7131-1.1143i	17.4157-4.8117i	-1.4823+1.1987i
67.3	790.4621-174.9865i	-69.9922-59.0707i	-95.4258-3.3063i	-28.7882+21.9018i	1.5202-1.0187i	2.8694-1.2444i	18.3093-4.8501i	-1.5836+1.2956i
67.4	811.2027-203.0840i	-74.1230-57.0216i	-97.5960+1.2764i	-29.0906+23.8672i	1.5710-1.1341i	2.7621-1.5034i	18.6249-5.6950i	-1.5583+1.3983i
67.5	820.5631-231.9178i	-80.2461-57.0819i	-99.7012+6.9141i	-29.0007+25.7845i	1.5597-1.2537i	2.6378-1.6601i	18.5936-6.7892i	-1.4561+1.4669i
67.6	827.5967-258.6561i	-83.2887-53.9791i	-101.5637+12.9980i	-28.7137+27.4740i	1.5570-1.3396i	2.5503-1.8170i	18.5770-7.5290i	-1.4427+1.5055i
67.7	847.6044-287.6023i	-87.5877-52.5572i	-104.3537+16.5925i	-29.1935+29.3598i	1.5809-1.4786i	2.5122-2.0030i	18.8855-8.5013i	-1.4707+1.5807i
67.8	881.7806-308.9547i	-90.6253-53.9638i	-107.9758+20.5798i	-30.7072+30.8768i	1.6889-1.5976i	2.5852-2.3106i	19.7509-9.2833i	-1.5923+1.7137i
67.9	909.2353-338.6838i	-91.9489-54.5425i	-111.3872+23.8939i	-31.6638+32.7605i	1.7728-1.7120i	2.6007-2.5678i	20.5683-10.1041i	-1.7091+1.8921i
68.0	900.4727-383.7142i	-98.6103-48.7812i	-113.2768+31.8683i	-30.2246+35.5744i	1.6782-1.8558i	2.4006-2.7389i	19.8783-11.4308i	-1.7195+2.0003i
68.1	929.2475-403.4645i	-99.2325-47.0815i	-116.0165+37.1097i	-31.1512+36.6862i	1.7364-1.9649i	2.3170-3.0016i	20.2378-11.9568i	-1.8225+2.2430i
68.2	934.6959-431.9041i	-102.1869-45.8493i	-115.4916+43.8170i	-30.5493+38.3092i	1.7170-2.0889i	2.1526-3.1434i	19.9250-12.8878i	-1.8375+2.4309i
68.3	945.5446-475.2991i	-107.0014-43.4041i	-115.4244+49.0348i	-30.3777+41.0770i	1.7026-2.2769i	1.9935-3.2608i	19.8722-14.1326i	-1.9037+2.7152i
68.4	957.8885-537.1124i	-111.6394-38.6672i	-117.7822+56.8415i	-29.9228+44.3272i	1.6887-2.5003i	1.8460-3.5088i	19.8752-15.7521i	-1.8521+3.1644i
68.5	973.1724-560.1680i	-112.7674-34.1164i	-117.3178+63.6367i	-30.1174+45.3439i	1.7283-2.5936i	1.7608-3.7996i	19.7845-16.1821i	-1.8294+3.5768i
68.6	943.6168-591.8948i	-115.3168-28.5081i	-111.5028+71.6997i	-27.9011+46.8556i	1.5513-2.7168i	1.4350-3.8626i	18.4621-17.0789i	-1.4500+3.8116i

68.7	940.9840-672.2172i	-120.9686-24.1566i	-112.2077+82.3834i	-26.3161+51.6532i	1.3853-3.0430i	1.0345-4.0465i	17.7430-19.2519i	-0.9647+4.2776i
68.8	971.6448-714.2892i	-120.8066-21.5215i	-112.5280+86.4454i	-26.7384+54.0596i	1.4288-3.1962i	0.8646-4.1984i	18.1459-19.9228i	-0.7813+4.5653i
68.9	972.2085-766.4329i	-121.8882-15.6942i	-107.8392+94.2203i	-25.7046+56.5309i	1.4264-3.3690i	0.6207-4.4280i	17.9137-20.8491i	-0.3666+4.8887i
69.0	914.0067-785.4709i	-122.2977-8.9565i	-99.0272+101.4133i	-21.7133+56.8468i	1.1037-3.4595i	0.0541-4.2298i	15.6184-21.2924i	0.2912+4.7704i
69.1	875.7145-828.2334i	-120.2620-0.1298i	-93.5379+107.8992i	-18.0625+58.4390i	0.8783-3.5127i	-0.1870-4.1011i	14.1998-21.7245i	0.7597+4.6638i
69.2	858.5178-896.8782i	-123.7121+3.7310i	-88.8899+115.6904i	-15.5908+61.6087i	0.6727-3.8491i	-0.6778-4.0985i	13.2368-23.3901i	1.3781+4.5996i
69.3	854.4234-934.3552i	-125.0085+9.9574i	-82.5389+122.5660i	-14.0016+63.3405i	0.5597-4.0084i	-1.0085-4.1081i	12.5221-23.8856i	1.8015+4.4144i
69.4	793.9102-995.4417i	-129.7823+17.4383i	-71.5941+129.5176i	-9.4318+65.6474i	0.0060-4.2767i	-1.5272-3.7188i	10.0567-25.2592i	2.3686+3.9586i
69.5	759.0551-1012.5666i	-128.8763+20.7760i	-65.5270+130.9659i	-6.6703+65.6977i	-0.1937-4.3803i	-1.5938-3.6793i	9.0575-25.4849i	2.5324+3.6869i
69.6	689.2977-1041.4322i	-123.4563+33.1746i	-54.6266+132.9951i	-2.2809+65.5617i	-0.5981-4.2082i	-1.6238-3.5508i	7.0822-25.0791i	2.5768+3.2549i
69.7	673.8922-1096.4269i	-123.8264+38.0757i	-49.1430+139.0952i	-0.3841+67.4111i	-0.9022-4.3652i	-2.0703-3.4762i	6.0633-25.8682i	2.7368+3.0853i
69.8	579.6156-1136.6530i	-122.6771+52.0271i	-35.8790+139.5253i	5.5355+67.8123i	-1.6195-4.1097i	-2.2809-2.7414i	2.8613-25.3408i	2.7465+2.4831i
69.9	566.1646-1159.9840i	-121.1445+55.6225i	-30.4302+139.9499i	7.0447+67.9812i	-1.8036-4.1590i	-2.6334-2.6307i	2.2888-25.4452i	2.8802+2.4398i
70.0	557.3997-1137.1997i	-112.2390+55.5553i	-28.6647+137.8752i	7.7019+65.7351i	-1.7441-3.9773i	-2.6112-2.5907i	2.4848-24.2820i	2.7190+2.4207i
70.1	480.2677-1153.2082i	-109.4367+63.1997i	-19.3178+138.2229i	12.1075+64.7305i	-2.1952-3.7417i	-2.6740-2.2277i	0.4902-23.8428i	2.7905+2.1213i
70.2	439.3151-1180.8534i	-107.0684+71.2647i	-11.9722+138.0560i	14.6119+64.7100i	-2.5904-3.5668i	-2.8390-1.9795i	-0.8804-23.5523i	2.9256+1.9631i
70.3	422.9729-1188.1736i	-101.1305+72.8170i	-9.1268+137.3173i	15.5626+64.1922i	-2.6118-3.4723i	-3.0540-1.8585i	-0.9326-23.2393i	3.0728+1.9229i
70.4	362.0347-1180.1928i	-90.4739+79.4144i	-1.0793+134.7373i	18.4564+61.9288i	-2.7340-3.0670i	-3.0749-1.7430i	-1.8224-22.0435i	3.1147+1.8447i
70.5	297.2593-1214.3182i	-86.1285+81.6908i	5.9656+139.1572i	22.0447+62.0157i	-3.0408-2.8637i	-3.1092-1.4563i	-3.0749-22.1146i	3.3387+1.7024i
70.6	227.7652-1188.7769i	-80.5123+84.0212i	15.3746+134.7726i	24.7805+59.4168i	-3.1971-2.4192i	-2.9375-1.0371i	-4.3332-20.9116i	3.3627+1.3234i
70.7	177.6436-1168.7128i	-72.9898+86.9305i	22.7229+130.4999i	26.8616+57.1129i	-3.1334-1.9943i	-2.6082-0.9791i	-4.7292-19.7508i	3.2386+1.1372i
70.8	128.7293-1184.9285i	-67.4607+89.7548i	29.4433+129.5271i	29.0944+56.1501i	-3.2926-1.7375i	-2.7417-0.4835i	-5.7018-19.3173i	3.3327+0.7838i
70.9	58.9300-1181.5451i	-59.3674+89.9629i	34.7032+125.6011i	31.7483+54.3814i	-3.3347-1.4439i	-2.6944-0.1906i	-6.6612-18.6155i	3.4049+0.4352i
71.0	12.9643-1131.8572i	-51.0085+88.8066i	38.6651+120.9284i	32.9234+51.1893i	-3.0437-1.0585i	-2.3637-0.2752i	-6.6921-17.1434i	3.1861+0.3021i
71.1	-19.5992-1116.9905i	-47.8825+87.0420i	44.3124+120.1539i	33.8166+49.9267i	-2.9327-0.8734i	-2.2352-0.2330i	-6.8601-16.6039i	3.0599+0.0983i
71.2	-67.6988-1125.4681i	-41.7592+86.3800i	49.8452+120.4999i	35.6968+48.9793i	-2.9421-0.8261i	-2.5235-0.0512i	-7.4406-16.5093i	3.1888-0.1592i
71.3	-103.8065-1097.0742i	-34.5561+84.3788i	54.8143+115.2853i	36.7502+46.8459i	-2.7536-0.7311i	-2.6048+0.1596i	-7.4856-15.7523i	3.0849-0.3619i
71.4	-159.7918-1050.9119i	-30.2741+82.8568i	58.9132+107.6416i	38.3484+43.7257i	-2.6736-0.4033i	-2.0956+0.5202i	-8.0538-14.3725i	2.7033-0.6020i
71.5	-157.5418-988.0076i	-26.2946+78.1815i	57.2792+104.7177i	37.2871+40.9197i	-2.3150-0.3905i	-2.0936+0.1916i	-7.4310-13.5327i	2.6102-0.5665i
71.6	-178.8408-988.9824i	-24.4234+75.3306i	61.3160+104.3176i	37.8838+40.4369i	-2.2472-0.3982i	-2.0071+0.2506i	-7.3783-13.4445i	2.5340-0.6207i
71.7	-186.6872-981.0496i	-24.5056+72.1083i	66.8184+103.3512i	37.9848+39.5528i	-2.2189-0.4986i	-2.0631+0.3363i	-7.3517-13.4062i	2.4901-0.7011i
71.8	-217.6563-932.0052i	-21.6974+69.2243i	69.2117+97.4811i	38.5240+36.9223i	-2.1187-0.2704i	-1.5354+0.4333i	-7.5527-12.2719i	2.1276-0.7580i
71.9	-240.9103-877.0398i	-19.4233+65.5864i	72.6478+92.5177i	38.6677+34.2211i	-1.9601-0.1802i	-1.3119+0.3159i	-7.5226-11.4247i	1.9067-0.7864i
72.0	-252.6406-836.0295i	-16.7453+65.1655i	76.1594+89.4124i	38.2341+32.3611i	-1.7696-0.1434i	-1.4053+0.1354i	-7.2893-10.7780i	1.8247-0.7531i
72.1	-247.9177-819.8370i	-16.3766+63.1281i	76.9133+83.5964i	37.6765+31.5200i	-1.7062-0.1504i	-1.3056+0.2004i	-7.0677-10.4001i	1.6391-0.7574i
72.2	-250.5176-782.4926i	-19.5938+60.5672i	80.4983+79.1539i	37.2930+30.0415i	-1.7336-0.1811i	-1.3068+0.1452i	-7.2461-10.0659i	1.5810-0.7779i
72.3	-268.7680-764.0730i	-16.8266+58.8578i	82.3400+76.4995i	37.8189+28.6124i	-1.7853-0.1454i	-1.1241+0.4548i	-7.4429-9.6597i	1.3774-0.7994i
72.4	-262.5079-738.1906i	-14.5171+55.7287i	82.7604+72.8694i	36.8535+27.4577i	-1.6078-0.2423i	-1.1698+0.3112i	-6.9294-9.4083i	1.3392-0.6380i
72.5	-235.6810-719.0075i	-14.0233+56.0103i	81.3918+71.8120i	35.5695+27.2312i	-1.3434-0.3251i	-1.4366-0.0410i	-6.1570-9.2328i	1.4363-0.5035i
72.6	-224.4454-692.5322i	-13.9755+55.1344i	83.1723+69.1278i	34.9200+25.9428i	-1.3068-0.4355i	-1.6435+0.0147i	-6.0402-9.0587i	1.4861-0.5490i
72.7	-246.1280-672.2143i	-14.3004+52.5776i	85.9378+66.5438i	35.3638+24.8331i	-1.3730-0.4235i	-1.4563+0.0571i	-6.2666-8.8460i	1.4701-0.4844i
72.8	-249.5398-630.9901i	-13.7251+52.1950i	86.2138+60.7520i	34.7481+23.3082i	-1.2735-0.3432i	-1.4348-0.1136i	-6.1215-8.2062i	1.5023-0.4408i
72.9	-227.6966-607.5153i	-15.1165+52.5341i	88.2222+56.9943i	33.8344+22.6100i	-1.2248-0.3591i	-1.5708-0.1701i	-5.9672-7.8951i	1.5032-0.5016i
73.0	-201.4390-612.6168i	-13.7598+54.0997i	87.7308+55.4744i	33.0780+23.0656i	-1.1196-0.4576i	-1.8749-0.1663i	-5.5322-7.8765i	1.5279-0.5684i
73.1	-203.6634-608.9570i	-11.5673+52.9342i	88.7584+51.5703i	33.1880+22.5725i	-1.1699-0.5087i	-1.8853+0.1189i	-5.5251-7.7837i	1.4068-0.6607i
73.2	-211.3694-603.8690i	-10.6910+53.4946i	91.1248+46.9671i	33.3433+22.1087i	-1.3865-0.5335i	-1.8735+0.3430i	-5.9096-7.6578i	1.3274-0.7504i
73.3	-206.3547-594.2792i	-10.4845+53.0409i	92.5635+44.9306i	33.0739+21.8915i	-1.3623-0.6421i	-2.0287+0.2629i	-5.7595-7.7075i	1.4166-0.7221i
73.4	-189.6282-583.3314i	-10.3662+53.4476i	95.9452+42.1184i	32.4413+21.5794i	-1.3202-0.7050i	-2.2787+0.3456i	-5.5943-7.5097i	1.3976-0.7819i
73.5	-192.2692-560.2285i	-10.1703+53.4011i	96.3958+37.5967i	32.2406+20.4556i	-1.3897-0.6156i	-2.2173+0.4410i	-5.7487-7.0864i	1.3379-0.8062i
73.6	-184.0571-556.7518i	-8.9005+54.3158i	97.9986+32.3906i	32.0248+20.2761i	-1.4143-0.6748i	-2.4084+0.7248i	-5.6997-6.9204i	1.3139-0.9106i
73.7	-183.1202-562.4501i	-8.9881+52.8290i	101.1401+29.6500i	32.0337+20.3198i	-1.6106-0.7956i	-2.3841+1.1240i	-5.8748-7.0393i	1.2658-1.0153i
73.8	-189.4695-547.4014i	-8.0518+51.7565i	101.2195+27.3519i	31.9530+19.6008i	-1.6069-0.7480i	-2.2106+1.1947i	-5.8072-6.7739i	1.2140-1.0519i
73.9	-181.2549-532.9420i	-7.6553+54.7636i	98.3334+22.4662i	31.7478+19.0880i	-1.4985-0.6083i	-2.2830+1.1076i	-5.5953-6.2519i	1.1681-1.1438i
74.0	-163.2571-533.2786i	-2.9409+55.0634i	98.3443+19.2947i	31.2969+19.1726i	-1.4115-0.7935i	-2.4726+1.5158i	-5.1883-6.2847i	0.9882-1.2756i
74.1	-150.1533-524.6109i	-0.5199+55.2606i	97.9117+16.3325i	30.9482+19.0692i	-1.3137-0.7991i	-2.5018+1.6325i	-4.8747-6.0880i	0.8640-1.3022i
74.2	-140.8065-517.7556i	-0.4975+56.4621i	98.9695+11.3990i	30.9270+18.8457i	-1.4495-0.6974i	-2.3780+1.7807i	-4.9808-5.7769i	0.6650-1.3102i
74.3	-140.9140-515.9242i	1.5394+54.3911i	99.0908+8.8041i	30.9295+18.3773i	-1.5774-0.8108i	-2.2910+2.0339i	-5.0422-5.8309i	0.5256-1.2932i
74.4	-153.9093-520.7693i	2.7966+52.0125i	102.2549+5.0108i	31.2371+17.9597i	-1.8132-0.9150i	-2.1565+2.3637i	-5.3115-5.9146i	0.3655-1.2763i
74.5	-139.6715-516.3830i	3.9361+51.2840i	103.7850+1.8739i	30.7549+17.8476i	-1.8395-0.9812i	-2.1500+2.5824i	-5.1481-5.8071i	0.2133-1.2657i
74.6	-123.4806-515.2097i	5.8972+52.2488i	101.2250-2.3108i	30.4405+17.8195i	-1.7606-0.9650i	-2.1334+2.7071i	-4.8134-5.5931i	0.1047-1.1733i
74.7	-120.2372-531.2394i	9.8072+53.3047i	100.2266-7.0681i	30.9248+18.3015i	-1.8589-1.0136i	-2.0537+3.1022i	-4.7234-5.5652i	-0.0273-1.0822i
74.8	-132.5847-519.2295i	10.5153+52.4977i	100.5455-12.4723i	31.3069+17.7221i	-2.0412-0.8957i	-1.8206+3.3179i	-4.9376-5.2745i	-0.0935-1.0380i
74.9	-138.6759-516.7299i	11.9043+49.4944i	96.5723-14.7095i	31.5590+17.1237i	-2.1108-0.8195i	-1.3885+3.3306i	-4.8591-5.1259i	-0.1588-0.8890i

75.0	-133.8181-519.9788i	13.7002+47.3729i	95.1513-20.4723i	31.6538+16.9623i	-2.2133-0.8290i	-1.0674+3.6265i	-4.7193-5.0282i	-0.3544-0.6413i
75.1	-136.9831-521.6406i	15.9003+45.5291i	91.7691-22.7660i	31.7627+16.6743i	-2.2190-0.8799i	-0.8480+3.7221i	-4.5187-5.0409i	-0.3193-0.4458i
75.2	-129.0511-512.5884i	17.5640+45.6019i	89.0175-27.0165i	31.6340+16.2523i	-2.2064-0.8089i	-0.6723+3.8159i	-4.3299-4.8064i	-0.3344-0.3177i
75.3	-135.9957-507.2411i	18.1831+45.4131i	88.3015-30.1251i	31.7554+15.8615i	-2.2737-0.6577i	-0.4808+3.8247i	-4.3410-4.5660i	-0.3296-0.2521i
75.4	-142.6828-495.2277i	18.4347+43.8301i	85.6169-32.8107i	31.9889+15.1275i	-2.3119-0.5095i	-0.2070+3.7429i	-4.2856-4.3539i	-0.2618-0.1810i
75.5	-149.8782-492.2149i	20.1292+43.0115i	82.8451-38.2246i	32.3207+14.8762i	-2.5546-0.4142i	0.2480+3.9342i	-4.3579-4.2185i	-0.2355-0.0419i
75.6	-148.4023-503.4880i	22.0381+39.8738i	80.8678-39.6333i	32.3972+14.8194i	-2.7120-0.4816i	0.6747+4.0712i	-4.3000-4.3656i	-0.2128+0.1051i
75.7	-147.0558-495.9281i	22.5246+36.7277i	77.3346-43.0942i	32.4859+14.1628i	-2.7749-0.3047i	1.1640+3.8692i	-4.2068-4.1828i	-0.1430+0.2142i
75.8	-130.6313-493.5981i	23.1134+34.7404i	74.4717-43.5753i	32.3442+13.8654i	-2.7622-0.3945i	1.4347+3.7732i	-3.8774-4.2302i	-0.0867+0.3769i
75.9	-131.3311-508.6774i	23.4322+33.3690i	74.8410-44.2629i	32.6516+13.8303i	-2.9251-0.3449i	1.7111+3.6520i	-3.8790-4.3012i	-0.0083+0.5080i
76.0	-133.7313-508.2501i	24.7505+31.0266i	70.1764-45.4280i	32.5603+13.5226i	-2.8953-0.2942i	1.9470+3.3842i	-3.6571-4.2965i	0.0873+0.6234i
76.1	-138.0917-492.5646i	26.0598+29.0420i	64.1629-45.6224i	32.3847+12.5315i	-2.7766-0.1537i	2.0777+2.9985i	-3.3685-4.1403i	0.1862+0.6634i
76.2	-140.8873-497.4615i	24.6904+27.0915i	64.3937-49.9473i	32.5541+12.2482i	-3.0663+0.0595i	2.4271+2.7723i	-3.5554-4.0608i	0.3453+0.7513i
76.3	-145.7278-478.7630i	24.3384+25.2784i	60.7955-51.7070i	32.7886+11.5235i	-3.0438+0.3253i	2.4923+2.4667i	-3.4894-3.8650i	0.4983+0.7739i
76.4	-146.9380-473.6309i	23.8261+24.4161i	58.5245-52.3599i	32.7307+10.9389i	-3.0893+0.4829i	2.4622+2.2459i	-3.4281-3.8230i	0.6795+0.7930i
76.5	-147.2092-480.4122i	24.0735+22.7256i	55.7270-54.5532i	32.7269+10.6968i	-3.0895+0.5916i	2.5439+2.0486i	-3.2961-3.8200i	0.8749+0.8407i
76.6	-143.7266-479.3077i	23.6316+20.8853i	53.3734-54.5977i	32.7418+10.2733i	-3.1153+0.6893i	2.5405+1.7802i	-3.1856-3.8585i	1.1144+0.7878i
76.7	-142.4588-466.4551i	23.7161+19.2109i	49.3740-54.8636i	32.7144+9.7969i	-3.0662+0.8021i	2.5690+1.5387i	-3.0498-3.8462i	1.2753+0.7343i
76.8	-149.4079-472.1322i	25.9357+17.5857i	45.5157-56.2196i	32.7944+9.3270i	-2.9961+0.8790i	2.5649+1.3642i	-2.8750-3.9422i	1.4223+0.6798i
76.9	-142.6607-466.7601i	23.9440+14.7786i	43.4796-55.4539i	32.5545+8.7217i	-3.0890+1.0007i	2.4823+1.1521i	-2.9027-4.0393i	1.6666+0.5445i
77.0	-137.6235-458.0841i	22.4471+13.8267i	43.9114-53.9593i	32.2993+8.2279i	-3.1669+1.1276i	2.2740+1.1638i	-2.9983-4.0307i	1.7921+0.3483i
77.1	-131.2579-457.9110i	22.0104+13.9272i	40.3060-54.3845i	32.0782+7.7570i	-2.9752+1.2388i	2.0871+1.0996i	-2.7959-4.0526i	1.9395+0.1054i
77.2	-129.1090-455.5201i	21.4778+13.1449i	38.2932-54.6654i	31.9115+7.4567i	-2.8165+1.3641i	2.0966+1.1155i	-2.7295-4.0226i	1.9443-0.1107i
77.3	-135.0937-455.3921i	21.5696+11.7266i	36.1582-54.6934i	31.8692+7.1741i	-2.8375+1.4945i	2.0873+1.0891i	-2.7451-3.9925i	1.9977-0.3349i
77.4	-137.8623-457.2389i	20.3579+10.5378i	33.1366-54.9109i	32.0984+6.6702i	-2.8308+1.6819i	2.0389+1.1018i	-2.6575-4.0524i	2.1495-0.5766i
77.5	-131.9505-447.0001i	17.5222+9.3032i	31.2037-55.4998i	31.6462+6.2078i	-2.6842+1.9216i	2.1359+1.0492i	-2.6534-3.9765i	2.1256-0.9136i
77.6	-127.8657-445.5111i	17.5022+9.2169i	29.1025-54.6973i	31.3880+5.6763i	-2.5320+1.9628i	2.1802+1.0916i	-2.5706-4.0524i	1.8935-1.2401i
77.7	-130.8227-452.4195i	17.0975+7.5853i	27.6238-53.9131i	31.4339+5.4305i	-2.5461+2.0184i	2.2428+1.0304i	-2.6368-4.1954i	1.7519-1.4448i
77.8	-132.0700-446.6729i	16.6852+6.5953i	26.4274-52.4896i	31.4449+4.9117i	-2.4489+2.1024i	2.2880+0.9716i	-2.6410-4.2965i	1.5031-1.6445i
77.9	-122.4770-442.1045i	17.8885+5.8678i	25.5946-52.1683i	31.2051+4.5419i	-2.2822+2.1179i	2.3479+1.0463i	-2.4969-4.3155i	1.2469-1.7242i
78.0	-113.5190-439.6407i	16.7421+5.9154i	24.9791-51.6806i	30.9189+4.2786i	-2.1790+2.1970i	2.3859+1.0280i	-2.5030-4.3203i	1.0133-1.8089i
78.1	-110.1975-438.7436i	16.3334+5.7788i	23.4286-51.3485i	30.7456+3.7862i	-1.9731+2.1771i	2.4169+0.9055i	-2.4372-4.3709i	0.7955-1.8125i
78.2	-98.3684-442.4160i	14.4724+4.7890i	23.7534-50.8749i	30.6046+3.5495i	-2.0093+2.3646i	2.5664+0.8382i	-2.6096-4.4695i	0.5551-1.8617i
78.3	-101.0883-455.2508i	12.7046+2.8831i	22.7536-52.7607i	30.3913+3.2078i	-1.9882+2.6040i	2.7953+0.7412i	-2.7835-4.4948i	0.3157-1.8591i
78.4	-98.8884-460.2539i	11.6814+0.7283i	20.8552-52.7777i	30.3028+2.8698i	-1.9035+2.6060i	2.9413+0.5809i	-2.8215-4.6471i	0.1298-1.8232i
78.5	-81.8340-452.0154i	11.0672+1.3379i	20.6044-51.3810i	30.1579+2.6486i	-1.8556+2.6196i	2.9149+0.5425i	-2.8567-4.7274i	-0.0220-1.7740i
78.6	-88.1940-461.7394i	11.1706+1.2314i	19.8017-53.3136i	30.3033+2.3080i	-1.5925+2.8114i	3.0348+0.4456i	-2.9380-4.6307i	-0.2816-1.6308i
78.7	-90.4956-467.1768i	9.8030+0.3520i	17.7690-54.0092i	30.0991+1.8918i	-1.3911+2.8389i	3.1475+0.2142i	-3.0025-4.6235i	-0.4354-1.5126i
78.8	-82.6531-476.2006i	7.7531-0.3450i	16.8447-53.8897i	29.7053+1.4345i	-1.3274+2.8110i	3.2226+0.0750i	-3.1426-4.7904i	-0.5418-1.3743i
78.9	-92.0778-475.7705i	5.7716-0.6869i	15.0770-52.4694i	29.5923+1.1246i	-1.1943+2.8719i	3.2009-0.0814i	-3.3381-4.8062i	-0.6688-1.2432i
79.0	-80.4554-474.5186i	1.8103+1.0896i	15.1134-51.4951i	29.4500+0.7042i	-1.1632+3.0064i	3.2575-0.2498i	-3.7634-4.7620i	-0.7471-1.1265i
79.1	-79.0783-476.9049i	0.2535+2.4098i	15.5916-51.8764i	29.1126+0.3908i	-1.0987+3.0552i	3.3167-0.3828i	-4.0203-4.5831i	-0.7422-0.9874i
79.2	-85.2153-493.4896i	0.0169+2.2803i	14.1824-53.6423i	28.9910+0.0033i	-0.7955+3.0607i	3.4048-0.6914i	-4.0889-4.4188i	-0.8123-0.7923i
79.3	-65.2146-517.3566i	0.4557+3.4035i	14.2206-57.4161i	28.7387-0.4718i	-0.5645+3.1349i	3.5943-1.0152i	-4.2356-4.3095i	-0.8570-0.6375i
79.4	-68.1368-533.8223i	0.8164+3.2312i	12.4657-58.2486i	28.3624-0.5295i	-0.3867+3.0514i	3.5562-1.2601i	-4.2536-4.1822i	-0.8523-0.5103i
79.5	-82.2185-542.4990i	-1.0250+3.4632i	7.7273-58.8860i	28.2192-0.7683i	-0.2455+2.9425i	3.4334-1.6699i	-4.2955-4.0547i	-0.8125-0.3800i
79.6	-89.0286-547.2865i	-3.3063+5.7092i	6.1365-59.0851i	27.8790-1.2067i	-0.1504+2.9124i	3.2450-1.9277i	-4.5168-3.8444i	-0.8155-0.2983i
79.7	-86.2377-562.2603i	-3.7342+8.2357i	5.0331-60.5896i	27.7657-1.6232i	-0.0462+2.9738i	3.0926-2.1722i	-4.7056-3.6463i	-0.8549-0.2192i
79.8	-94.7986-569.3894i	-3.8375+9.5805i	1.8683-61.9173i	27.5325-1.8573i	0.1205+2.8757i	2.8738-2.4400i	-4.6276-3.4331i	-0.8381-0.0901i
79.9	-110.9800-593.1689i	-5.1472+10.6680i	-1.7130-62.4945i	27.0266-2.4160i	0.2782+2.7728i	2.5797-2.7336i	-4.6433-3.1853i	-0.8047+0.0920i
80.0	-130.1680-617.3772i	-4.6237+11.5128i	-4.9137-62.3175i	26.7115-2.8003i	0.3699+2.7651i	2.3157-2.8605i	-4.7184-2.8891i	-0.7833+0.2175i

2.1.56 Run 5 – VTC-200 – Accels 9–16

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	2.5584+0.0000i	-8.6244+0.0000i	-4.0459+0.0000i	7.8671+0.0000i	5.1750+0.0000i	1.4025+0.0000i	-1.7320+0.0000i	9.3949+0.0000i
0.1	-0.1824-0.2867i	-1.4913+0.4077i	0.1241-0.5850i	1.8556-0.8705i	1.9858-1.1506i	0.3167+0.4975i	-0.0810+0.0822i	2.0096+0.1296i
0.2	-0.1797+0.3312i	0.0449+0.0097i	0.3670-0.0409i	0.0548+0.1549i	0.3020-0.1734i	0.0898+0.2078i	0.0919-0.0154i	0.0658+0.0321i
0.3	0.1586+0.0085i	0.0129-0.0001i	0.0273+0.0319i	-0.0496+0.0206i	0.0387-0.0223i	0.1140-0.0007i	0.0120-0.0226i	0.0051-0.0296i
0.4	0.0859+0.0560i	0.0154+0.0136i	0.0196+0.0120i	-0.0094+0.0069i	0.0088+0.0083i	0.0240-0.0062i	0.0099-0.0028i	-0.0117-0.0287i
0.5	0.0095+0.0377i	0.0201+0.0090i	0.0137+0.0013i	-0.0019-0.0033i	0.0033+0.0097i	0.0178+0.0036i	0.0053-0.0035i	-0.0072+0.0059i
0.6	0.0056+0.0132i	0.0118+0.0032i	0.0024+0.0022i	-0.0057-0.0006i	-0.0075+0.0045i	0.0086+0.0041i	0.0067-0.0020i	-0.0129+0.0223i
0.7	0.0027+0.0002i	0.0110+0.0042i	-0.0022-0.0021i	-0.0001-0.0003i	-0.0060-0.0016i	-0.0080-0.0004i	0.0030+0.0010i	0.0030+0.0070i
0.8	-0.0016+0.0033i	0.0138+0.0100i	-0.0031-0.0037i	0.0005-0.0008i	-0.0063-0.0040i	-0.0043-0.0017i	0.0006+0.0034i	0.0039-0.0019i
0.9	0.0087+0.0031i	0.0246+0.0134i	-0.0008-0.0004i	0.0052+0.0016i	-0.0103+0.0020i	0.0022-0.0055i	0.0017+0.0038i	-0.0035+0.0006i
1.0	0.0077+0.0008i	0.0261+0.0083i	0.0001-0.0011i	0.0058+0.0003i	-0.0098+0.0008i	-0.0047+0.0009i	0.0030+0.0024i	-0.0020-0.0036i
1.1	0.0022+0.0012i	0.0260+0.0064i	0.0032-0.0027i	0.0039-0.0010i	-0.0076-0.0025i	-0.0013-0.0002i	0.0042+0.0022i	-0.0080-0.0022i
1.2	0.0027+0.0003i	0.0253+0.0041i	0.0033-0.0008i	0.0045+0.0008i	-0.0095-0.0032i	0.0031+0.0001i	0.0038+0.0014i	-0.0118-0.0010i
1.3	0.0037-0.0002i	0.0268+0.0022i	0.0011+0.0012i	0.0057+0.0002i	-0.0117-0.0026i	0.0043+0.0006i	0.0040+0.0008i	-0.0119-0.0036i
1.4	0.0058+0.0013i	0.0305+0.0032i	0.0004+0.0008i	0.0042-0.0005i	-0.0124-0.0005i	0.0040-0.0011i	0.0048-0.0007i	-0.0134-0.0049i
1.5	0.0081-0.0003i	0.0349+0.0022i	0.0015+0.0006i	0.0043+0.0039i	-0.0156-0.0020i	0.0058-0.0022i	0.0054+0.0063i	-0.0159-0.0029i
1.6	0.0076+0.0001i	0.0387+0.0009i	0.0041+0.0002i	0.0127+0.0088i	-0.0189-0.0020i	0.0037-0.0028i	0.0130+0.0098i	-0.0170-0.0015i
1.7	0.0072-0.0011i	0.0457-0.0038i	0.0084-0.0037i	0.0205+0.0019i	-0.0203-0.0029i	0.0062-0.0066i	0.0188+0.0018i	-0.0187+0.0002i
1.8	0.0127-0.0044i	0.0607-0.0160i	0.0111-0.0101i	0.0281-0.0022i	-0.0230-0.0054i	0.0119-0.0102i	0.0261-0.0023i	-0.0208-0.0024i
1.9	0.0184-0.0070i	0.0593-0.0410i	0.0084-0.0227i	0.0362-0.0093i	-0.0271-0.0100i	0.0075-0.0220i	0.0342-0.0114i	-0.0278-0.0077i
2.0	0.0251-0.0202i	0.0424-0.0726i	-0.0043-0.0389i	0.0461-0.0363i	-0.0351-0.0120i	-0.0117-0.0335i	0.0446-0.0367i	-0.0326-0.0122i
2.1	0.0098-0.0500i	0.0073-0.1042i	-0.0270-0.0504i	0.0179-0.0892i	-0.0405-0.0124i	-0.0293-0.0381i	0.0153-0.0890i	-0.0404-0.0130i
2.2	-0.0479-0.0160i	-0.1029-0.0972i	-0.1021-0.0730i	-0.0817-0.0242i	-0.0560-0.0183i	-0.0887-0.0707i	-0.0811-0.0225i	-0.0595-0.0181i
2.3	-0.0357+0.0075i	-0.1823-0.0185i	-0.2121-0.0054i	-0.0497+0.0144i	-0.0792-0.0061i	-0.2028-0.0067i	-0.0477+0.0145i	-0.0802-0.0053i
2.4	-0.0131+0.0028i	-0.0361+0.1269i	-0.0476+0.1767i	-0.0224-0.0073i	-0.0573+0.0234i	-0.0450+0.1786i	-0.0236-0.0101i	-0.0578+0.0248i
2.5	-0.0085-0.0014i	0.0668+0.0638i	0.0797+0.0880i	-0.0246-0.0040i	-0.0417+0.0103i	0.0823+0.0895i	-0.0263-0.0071i	-0.0403+0.0120i
2.6	-0.0054-0.0025i	0.0437+0.0169i	0.0467+0.0230i	-0.0196-0.0013i	-0.0536+0.0005i	0.0488+0.0242i	-0.0190-0.0011i	-0.0512+0.0010i
2.7	-0.0035-0.0002i	0.0393+0.0088i	0.0344+0.0128i	-0.0153-0.0028i	-0.0600-0.0026i	0.0357+0.0128i	-0.0138-0.0008i	-0.0568-0.0012i
2.8	-0.0070-0.0031i	0.0333+0.0071i	0.0229+0.0099i	-0.0146-0.0025i	-0.0657-0.0013i	0.0248+0.0107i	-0.0141+0.0005i	-0.0661-0.0013i
2.9	-0.0054-0.0015i	0.0282+0.0044i	0.0229+0.0102i	-0.0112-0.0009i	-0.0717-0.0001i	0.0218+0.0097i	-0.0126-0.0021i	-0.0737-0.0038i
3.0	-0.0031+0.0001i	0.0314+0.0045i	0.0205+0.0044i	-0.0117-0.0034i	-0.0797-0.0033i	0.0206+0.0052i	-0.0120-0.0029i	-0.0796-0.0042i
3.1	-0.0020+0.0025i	0.0342+0.0078i	0.0140+0.0062i	-0.0110-0.0018i	-0.0863-0.0033i	0.0136+0.0068i	-0.0096+0.0015i	-0.0847-0.0028i
3.2	-0.0012-0.0028i	0.0407+0.0085i	0.0129+0.0146i	-0.0069-0.0041i	-0.0922-0.0021i	0.0126+0.0121i	-0.0086-0.0016i	-0.0919+0.0012i
3.3	-0.0025-0.0034i	0.0341-0.0082i	0.0220+0.0114i	-0.0104-0.0053i	-0.1038-0.0035i	0.0202+0.0096i	-0.0114-0.0060i	-0.1020-0.0032i
3.4	-0.0008-0.0041i	0.0241-0.0078i	0.0242+0.0089i	-0.0119-0.0012i	-0.1128-0.0029i	0.0236+0.0074i	-0.0128-0.0049i	-0.1139-0.0047i
3.5	0.0018-0.0040i	0.0133+0.0021i	0.0231+0.0041i	-0.0126-0.0041i	-0.1275-0.0013i	0.0252+0.0050i	-0.0140-0.0068i	-0.1276-0.0027i
3.6	-0.0032-0.0055i	0.0205+0.0214i	0.0252+0.0018i	-0.0167-0.0073i	-0.1405+0.0032i	0.0236+0.0012i	-0.0182-0.0088i	-0.1360+0.0005i
3.7	-0.0011+0.0026i	0.0559+0.0171i	0.0112-0.0017i	-0.0114+0.0040i	-0.1486+0.0080i	0.0091-0.0017i	-0.0116+0.0060i	-0.1442+0.0076i
3.8	-0.0014+0.0021i	0.0567+0.0113i	0.0117-0.0003i	-0.0126+0.0032i	-0.1551+0.0048i	0.0118-0.0003i	-0.0087+0.0017i	-0.1511+0.0050i
3.9	-0.0010+0.0002i	0.0539+0.0066i	0.0120-0.0002i	-0.0124+0.0006i	-0.1639+0.0030i	0.0122+0.0001i	-0.0084-0.0006i	-0.1615+0.0029i
4.0	-0.0020-0.0012i	0.0478+0.0038i	0.0124-0.0005i	-0.0143-0.0025i	-0.1757+0.0001i	0.0128-0.0001i	-0.0114-0.0024i	-0.1730-0.0001i
4.1	-0.0035-0.0007i	0.0445+0.0055i	0.0123-0.0005i	-0.0169-0.0014i	-0.1872-0.0021i	0.0126-0.0005i	-0.0135-0.0018i	-0.1844-0.0023i
4.2	-0.0028+0.0007i	0.0463+0.0065i	0.0124-0.0002i	-0.0179+0.0017i	-0.2013-0.0036i	0.0120-0.0001i	-0.0148+0.0012i	-0.1980-0.0040i
4.3	-0.0049+0.0022i	0.0461+0.0046i	0.0125+0.0010i	-0.0199+0.0039i	-0.2189-0.0030i	0.0122+0.0010i	-0.0165+0.0041i	-0.2154-0.0029i
4.4	-0.0037+0.0075i	0.0392+0.0037i	0.0135+0.0003i	-0.0200+0.0083i	-0.2422-0.0054i	0.0117-0.0017i	-0.0161+0.0086i	-0.2374-0.0054i
4.5	-0.0020+0.0086i	0.0334+0.0069i	0.0135-0.0006i	-0.0175+0.0128i	-0.2643-0.0027i	0.0115-0.0029i	-0.0143+0.0111i	-0.2591-0.0028i
4.6	0.0001+0.0108i	0.0324+0.0094i	0.0139+0.0003i	-0.0155+0.0176i	-0.2869+0.0015i	0.0127-0.0008i	-0.0118+0.0154i	-0.2802+0.0000i
4.7	0.0061+0.0184i	0.0310+0.0163i	0.0136+0.0030i	-0.0088+0.0267i	-0.3113+0.0030i	0.0125-0.0001i	-0.0015+0.0264i	-0.3036+0.0001i
4.8	0.0208+0.0193i	0.0344+0.0251i	0.0129+0.0040i	0.0156+0.0298i	-0.3403+0.0049i	0.0101+0.0019i	0.0201+0.0323i	-0.3319+0.0058i
4.9	0.0338-0.0032i	0.0362+0.0210i	0.0179+0.0061i	0.0395-0.0061i	-0.3624+0.0119i	0.0145+0.0102i	0.0468-0.0034i	-0.3529+0.0117i
5.0	0.0061-0.0107i	0.0449+0.0155i	0.0219-0.0056i	-0.0072-0.0222i	-0.3979-0.0172i	0.0204-0.0058i	-0.0034-0.0199i	-0.3904-0.0173i
5.1	0.0057-0.0100i	0.0429+0.0097i	0.0217-0.0051i	-0.0110-0.0181i	-0.4244-0.0197i	0.0187-0.0046i	-0.0080-0.0166i	-0.4168-0.0196i
5.2	0.0082-0.0101i	0.0346-0.0076i	0.0274-0.0063i	-0.0129-0.0158i	-0.4653-0.0204i	0.0251-0.0051i	-0.0077-0.0148i	-0.4572-0.0198i
5.3	0.0108-0.0037i	-0.0043-0.0242i	0.0216-0.0196i	-0.0098-0.0063i	-0.5200-0.0102i	0.0224-0.0188i	-0.0049-0.0053i	-0.5102-0.0114i
5.4	0.0120-0.0056i	-0.0675-0.0064i	0.0059-0.0253i	-0.0082-0.0109i	-0.5824-0.0027i	0.0079-0.0240i	-0.0048-0.0090i	-0.5704-0.0066i
5.5	0.0098-0.0167i	-0.1058+0.0790i	-0.0125-0.0258i	-0.0172-0.0285i	-0.6611+0.0238i	-0.0099-0.0203i	-0.0130-0.0269i	-0.6451+0.0171i
5.6	-0.0030-0.0014i	-0.0437+0.1415i	-0.0183+0.0003i	-0.0455-0.0037i	-0.7429+0.0587i	-0.0183+0.0011i	-0.0348-0.0065i	-0.7254+0.0532i

5.7	0.0039+0.0127i	-0.0078+0.1261i	-0.0135+0.0135i	-0.0318+0.0203i	-0.8008+0.0683i	-0.0160+0.0095i	-0.0231+0.0206i	-0.7848+0.0672i
5.8	0.0149+0.0126i	-0.0128+0.1264i	-0.0063+0.0239i	-0.0146+0.0216i	-0.8867+0.0936i	-0.0113+0.0234i	-0.0039+0.0197i	-0.8730+0.0927i
5.9	0.0256+0.0087i	-0.0138+0.1239i	0.0058+0.0276i	0.0015+0.0174i	-0.9569+0.1155i	-0.0031+0.0262i	0.0137+0.0139i	-0.9396+0.1133i
6.0	0.0331-0.0043i	-0.0288+0.1002i	0.0127+0.0236i	0.0116-0.0052i	-1.0552+0.1202i	0.0021+0.0244i	0.0248-0.0076i	-1.0348+0.1181i
6.1	0.0292-0.0147i	-0.0821+0.0960i	0.0156+0.0267i	-0.0030-0.0245i	-1.2104+0.1588i	0.0074+0.0292i	0.0125-0.0275i	-1.1877+0.1551i
6.2	0.0254-0.0172i	-0.1215+0.1018i	0.0202+0.0312i	-0.0149-0.0297i	-1.3339+0.1740i	0.0130+0.0342i	0.0019-0.0324i	-1.3096+0.1698i
6.3	0.0223-0.0144i	-0.1808+0.1294i	0.0301+0.0342i	-0.0300-0.0227i	-1.5353+0.2362i	0.0217+0.0381i	-0.0105-0.0265i	-1.5083+0.2311i
6.4	0.0249-0.0132i	-0.2443+0.1513i	0.0376+0.0361i	-0.0362-0.0194i	-1.7576+0.2916i	0.0281+0.0396i	-0.0141-0.0244i	-1.7257+0.2846i
6.5	0.0284-0.0127i	-0.3230+0.1883i	0.0478+0.0375i	-0.0435-0.0167i	-2.0295+0.3926i	0.0363+0.0415i	-0.0173-0.0222i	-1.9931+0.3827i
6.6	0.0340-0.0118i	-0.4385+0.2480i	0.0554+0.0382i	-0.0495-0.0084i	-2.3744+0.5529i	0.0423+0.0428i	-0.0186-0.0157i	-2.3321+0.5399i
6.7	0.0432-0.0129i	-0.5993+0.3439i	0.0695+0.0419i	-0.0533+0.0002i	-2.8731+0.7841i	0.0532+0.0486i	-0.0176-0.0117i	-2.8223+0.7657i
6.8	0.0597-0.0223i	-0.8301+0.5546i	0.0973+0.0420i	-0.0575+0.0069i	-3.6151+1.3356i	0.0752+0.0526i	-0.0119-0.0130i	-3.5509+1.3043i
6.9	0.0826-0.0406i	-1.1934+0.9085i	0.1357+0.0350i	-0.0655+0.0104i	-4.7365+2.2990i	0.1070+0.0521i	-0.0072-0.0226i	-4.6540+2.2467i
7.0	0.0910-0.0810i	-1.3636+1.7112i	0.1790+0.0014i	-0.0813+0.0263i	-5.3243+4.5160i	0.1491+0.0339i	-0.0177-0.0340i	-5.2380+4.4198i
7.1	0.0730-0.1409i	-0.9552+3.0077i	0.2294-0.0828i	-0.0941+0.0742i	-4.3958+8.1380i	0.2099-0.0287i	-0.0437-0.0316i	-4.3418+7.9775i
7.2	-0.0103-0.1621i	0.9684+3.6289i	0.1534-0.2211i	-0.0310+0.1524i	0.8102+10.0509i	0.1660-0.1646i	-0.0465+0.0261i	0.7590+9.8773i
7.3	-0.0478-0.1433i	2.1955+3.1755i	0.0508-0.2357i	0.0742+0.1432i	4.1335+8.7844i	0.0753-0.1889i	0.0191+0.0356i	4.0309+8.6450i
7.4	-0.0890-0.1186i	2.9956+2.1095i	-0.0181-0.2012i	0.0975+0.0395i	6.2221+5.9845i	0.0178-0.1633i	0.0184-0.0322i	6.0875+5.9040i
7.5	-0.1016-0.0833i	2.9851+1.2524i	-0.0430-0.1641i	0.0624+0.0014i	6.2014+3.7208i	-0.0028-0.1390i	-0.0150-0.0419i	6.0743+3.6811i
7.6	-0.0807-0.0463i	2.4366+0.6102i	-0.0506-0.1209i	0.0305+0.0012i	4.7298+1.9297i	-0.0182-0.1090i	-0.0292-0.0210i	4.6382+1.9193i
7.7	-0.0706-0.0384i	2.2569+0.4457i	-0.0469-0.1066i	0.0245-0.0020i	4.1950+1.4370i	-0.0186-0.0980i	-0.0287-0.0185i	4.1125+1.4350i
7.8	-0.0650-0.0382i	2.1496+0.4487i	-0.0390-0.1031i	0.0184+0.0004i	3.7339+1.4128i	-0.0125-0.0956i	-0.0283-0.0158i	3.6596+1.4118i
7.9	-0.0690-0.0374i	2.2101+0.4156i	-0.0454-0.1019i	0.0121+0.0012i	3.6839+1.3097i	-0.0190-0.0954i	-0.0342-0.0143i	3.6131+1.3142i
8.0	-0.0697-0.0282i	2.2645+0.2659i	-0.0507-0.0960i	0.0130+0.0034i	3.6501+0.9717i	-0.0262-0.0915i	-0.0328-0.0081i	3.5821+0.9826i
8.1	-0.0667-0.0250i	2.2858+0.1655i	-0.0545-0.0941i	0.0147-0.0005i	3.5331+0.7566i	-0.0308-0.0910i	-0.0294-0.0100i	3.4675+0.7716i
8.2	-0.0712-0.0216i	2.3544+0.0580i	-0.0654-0.0932i	0.0096-0.0034i	3.5373+0.5611i	-0.0421-0.0913i	-0.0339-0.0107i	3.4756+0.5818i
8.3	-0.0726-0.0141i	2.3844-0.0647i	-0.0800-0.0850i	0.0055-0.0033i	3.4677+0.3276i	-0.0575-0.0852i	-0.0365-0.0076i	3.4121+0.3521i
8.4	-0.0720-0.0062i	2.4453-0.1957i	-0.0860-0.0739i	0.0054-0.0022i	3.3760+0.1016i	-0.0647-0.0753i	-0.0365-0.0026i	3.3230+0.1270i
8.5	-0.0715-0.0021i	2.4972-0.2948i	-0.0901-0.0709i	0.0055-0.0013i	3.3354-0.0229i	-0.0693-0.0722i	-0.0368-0.0009i	3.2835+0.0062i
8.6	-0.0737+0.0042i	2.6111-0.4374i	-0.1023-0.0633i	0.0055+0.0000i	3.3480-0.2258i	-0.0823-0.0661i	-0.0355+0.0014i	3.2992-0.1893i
8.7	-0.0750+0.0118i	2.7678-0.5934i	-0.1125-0.0537i	0.0089-0.0005i	3.4245-0.4268i	-0.0929-0.0576i	-0.0320+0.0039i	3.3737-0.3857i
8.8	-0.0745+0.0207i	2.8803-0.9666i	-0.1333-0.0422i	0.0137-0.0064i	3.4523-0.8085i	-0.1145-0.0475i	-0.0281+0.0027i	3.4089-0.7573i
8.9	-0.0768+0.0302i	3.0244-1.3098i	-0.1479-0.0285i	0.0146-0.0112i	3.5291-1.1894i	-0.1308-0.0347i	-0.0287+0.0020i	3.4911-1.1289i
9.0	-0.0751+0.0467i	3.0926-1.8554i	-0.1581-0.0008i	0.0147-0.0184i	3.5142-1.7814i	-0.1421-0.0086i	-0.0299+0.0018i	3.4831-1.7072i
9.1	-0.0638+0.0566i	2.9299-2.2140i	-0.1456+0.0274i	0.0122-0.0233i	3.1720-2.1284i	-0.1283+0.0179i	-0.0285+0.0019i	3.1487-2.0547i
9.2	-0.0618+0.0741i	3.0927-2.9821i	-0.1629+0.0562i	0.0126-0.0325i	3.2659-2.8281i	-0.1455+0.0445i	-0.0285+0.0017i	3.2483-2.7435i
9.3	-0.0353+0.1018i	2.2110-4.3253i	-0.1542+0.1285i	-0.0000-0.0475i	2.3787-4.1343i	-0.1410+0.1128i	-0.0300+0.0026i	2.3952-4.0373i
9.4	0.0139+0.0948i	0.2167-4.4075i	-0.0770+0.1652i	-0.0243-0.0476i	0.3799-4.2025i	-0.0696+0.1493i	-0.0302+0.0033i	0.4369-4.1218i
9.5	0.0407+0.0694i	-0.9914-3.4786i	-0.0122+0.1473i	-0.0392-0.0351i	-0.8473-3.2906i	-0.0081+0.1349i	-0.0308+0.0046i	-0.7757-3.2396i
9.6	0.0428+0.0463i	-1.1589-2.5209i	0.0137+0.1158i	-0.0406-0.0221i	-1.0584-2.3502i	0.0164+0.1070i	-0.0305+0.0051i	-0.9932-2.3208i
9.7	0.0358+0.0221i	-0.9502-1.6129i	0.0223+0.0762i	-0.0380-0.0126i	-0.8959-1.4616i	0.0257+0.0684i	-0.0288+0.0033i	-0.8450-1.4424i
9.8	0.0335+0.0109i	-0.7898-1.1353i	0.0266+0.0568i	-0.0366-0.0074i	-0.8016-1.0122i	0.0305+0.0511i	-0.0281+0.0039i	-0.7583-1.0004i
9.9	0.0280+0.0050i	-0.5646-0.8492i	0.0230+0.0437i	-0.0363-0.0045i	-0.6407-0.7385i	0.0263+0.0390i	-0.0284+0.0046i	-0.6018-0.7295i
10.0	0.0226+0.0020i	-0.3598-0.7008i	0.0173+0.0361i	-0.0350-0.0042i	-0.4894-0.5885i	0.0201+0.0327i	-0.0285+0.0039i	-0.4531-0.5804i
10.1	0.0210-0.0020i	-0.1328-0.5774i	0.0129+0.0294i	-0.0306-0.0046i	-0.3375-0.4535i	0.0170+0.0275i	-0.0292+0.0007i	-0.3043-0.4450i
10.2	0.0191-0.0061i	0.0487-0.5000i	0.0094+0.0270i	-0.0319-0.0058i	-0.2443-0.3630i	0.0148+0.0247i	-0.0302-0.0029i	-0.2134-0.3529i
10.3	0.0157-0.0106i	0.1752-0.4597i	0.0075+0.0267i	-0.0340-0.0076i	-0.1783-0.3065i	0.0124+0.0233i	-0.0322-0.0048i	-0.1453-0.2904i
10.4	0.0081-0.0132i	0.2763-0.4547i	0.0069+0.0267i	-0.0389-0.0071i	-0.1158-0.2725i	0.0122+0.0234i	-0.0386-0.0031i	-0.0755-0.2588i
10.5	0.0033-0.0103i	0.3456-0.4476i	0.0083+0.0252i	-0.0418-0.0033i	-0.0802-0.2374i	0.0158+0.0221i	-0.0415+0.0003i	-0.0335-0.2322i
10.6	0.0018-0.0094i	0.4013-0.4278i	0.0098+0.0207i	-0.0425+0.0019i	-0.0467-0.1900i	0.0170+0.0179i	-0.0432+0.0048i	-0.0016-0.1898i
10.7	0.0022-0.0086i	0.4568-0.3831i	0.0105+0.0183i	-0.0413+0.0045i	-0.0156-0.1536i	0.0172+0.0153i	-0.0421+0.0067i	0.0231-0.1566i
10.8	0.0004-0.0113i	0.5542-0.3125i	0.0091+0.0155i	-0.0398+0.0052i	0.0199-0.1205i	0.0157+0.0130i	-0.0410+0.0062i	0.0543-0.1260i
10.9	-0.0003-0.0144i	0.6563-0.2716i	0.0076+0.0128i	-0.0404+0.0064i	0.0476-0.0985i	0.0140+0.0102i	-0.0419+0.0077i	0.0827-0.1024i
11.0	-0.0022-0.0144i	0.7696-0.2535i	0.0052+0.0108i	-0.0419+0.0074i	0.0743-0.0808i	0.0123+0.0072i	-0.0429+0.0091i	0.1107-0.0837i
11.1	-0.0039-0.0147i	0.8711-0.2630i	0.0026+0.0105i	-0.0439+0.0081i	0.0957-0.0692i	0.0096+0.0073i	-0.0447+0.0112i	0.1325-0.0760i
11.2	-0.0071-0.0155i	0.9703-0.2571i	0.0019+0.0091i	-0.0437+0.0106i	0.1150-0.0537i	0.0086+0.0058i	-0.0450+0.0103i	0.1509-0.0601i
11.3	-0.0091-0.0160i	1.0625-0.2518i	0.0015+0.0090i	-0.0449+0.0113i	0.1262-0.0433i	0.0087+0.0048i	-0.0455+0.0115i	0.1632-0.0480i
11.4	-0.0120-0.0146i	1.1527-0.2335i	-0.0001+0.0077i	-0.0450+0.0116i	0.1398-0.0312i	0.0077+0.0040i	-0.0461+0.0120i	0.1774-0.0374i
11.5	-0.0137-0.0133i	1.2638-0.2240i	-0.0012+0.0075i	-0.0458+0.0127i	0.1534-0.0226i	0.0053+0.0036i	-0.0476+0.0129i	0.1915-0.0291i
11.6	-0.0151-0.0139i	1.3819-0.2539i	-0.0033+0.0079i	-0.0458+0.0128i	0.1625-0.0153i	0.0036+0.0028i	-0.0484+0.0142i	0.2031-0.0220i
11.7	-0.0171-0.0139i	1.5212-0.2484i	-0.0046+0.0070i	-0.0480+0.0131i	0.1677-0.0085i	0.0031+0.0030i	-0.0513+0.0138i	0.2111-0.0137i
11.8	-0.0181-0.0128i	1.6404-0.2329i	-0.0065+0.0059i	-0.0494+0.0119i	0.1706-0.0028i	0.0010+0.0028i	-0.0515+0.0114i	0.2164-0.0079i
11.9	-0.0205-0.0117i	1.8408-0.2334i	-0.0093+0.0060i	-0.0527+0.0088i	0.1740+0.0036i	-0.0020+0.0027i	-0.0548+0.0083i	0.2231-0.0002i

12.0	-0.0223-0.0101i	1.9846-0.2740i	-0.0104+0.0056i	-0.0575+0.0091i	0.1729+0.0087i	-0.0037+0.0033i	-0.0580+0.0095i	0.2273+0.0047i
12.1	-0.0249-0.0108i	2.1976-0.3000i	-0.0131+0.0073i	-0.0641+0.0073i	0.1718+0.0175i	-0.0061+0.0037i	-0.0641+0.0071i	0.2295+0.0112i
12.2	-0.0276-0.0092i	2.3818-0.3969i	-0.0148+0.0085i	-0.0704+0.0092i	0.1701+0.0238i	-0.0072+0.0047i	-0.0715+0.0080i	0.2340+0.0170i
12.3	-0.0314-0.0102i	2.6091-0.4508i	-0.0176+0.0095i	-0.0791+0.0067i	0.1634+0.0299i	-0.0073+0.0067i	-0.0805+0.0059i	0.2348+0.0225i
12.4	-0.0359-0.0105i	2.8176-0.5348i	-0.0211+0.0100i	-0.0888+0.0050i	0.1570+0.0400i	-0.0089+0.0080i	-0.0885+0.0052i	0.2336+0.0306i
12.5	-0.0413-0.0091i	3.1077-0.6969i	-0.0238+0.0124i	-0.1086+0.0109i	0.1502+0.0539i	-0.0085+0.0108i	-0.1079+0.0105i	0.2374+0.0395i
12.6	-0.0471-0.0060i	3.3720-0.8637i	-0.0253+0.0139i	-0.1313+0.0213i	0.1412+0.0693i	-0.0065+0.0106i	-0.1294+0.0182i	0.2406+0.0459i
12.7	-0.0549-0.0035i	3.7401-0.9795i	-0.0296+0.0152i	-0.1616+0.0367i	0.1273+0.0814i	-0.0031+0.0082i	-0.1582+0.0339i	0.2444+0.0474i
12.8	-0.0610+0.0029i	4.0966-1.2381i	-0.0323+0.0171i	-0.1806+0.0694i	0.1152+0.0977i	-0.0041+0.0041i	-0.1768+0.0676i	0.2436+0.0486i
12.9	-0.0677+0.0088i	4.5283-1.5160i	-0.0357+0.0200i	-0.2035+0.1112i	0.0999+0.1173i	-0.0054-0.0025i	-0.1976+0.1083i	0.2424+0.0480i
13.0	-0.0753+0.0139i	4.9404-2.0037i	-0.0382+0.0250i	-0.2039+0.1739i	0.0868+0.1463i	-0.0102-0.0106i	-0.1977+0.1699i	0.2331+0.0478i
13.1	-0.0848+0.0207i	5.1955-2.5749i	-0.0388+0.0315i	-0.1672+0.2307i	0.0801+0.1737i	-0.0208-0.0162i	-0.1606+0.2242i	0.2204+0.0492i
13.2	-0.1045+0.0289i	5.6269-3.1816i	-0.0399+0.0334i	-0.1217+0.2802i	0.0647+0.2036i	-0.0358-0.0209i	-0.1128+0.2704i	0.2046+0.0486i
13.3	-0.1239+0.0490i	6.1014-3.8921i	-0.0425+0.0316i	-0.0724+0.3027i	0.0421+0.2389i	-0.0535-0.0234i	-0.0629+0.2918i	0.1805+0.0583i
13.4	-0.1499+0.0875i	6.6519-5.0022i	-0.0485+0.0304i	-0.0214+0.3201i	0.0181+0.2927i	-0.0741-0.0200i	-0.0114+0.3049i	0.1548+0.0703i
13.5	-0.1606+0.1673i	6.8270-7.0982i	-0.0583+0.0295i	0.0423+0.3305i	0.0080+0.3792i	-0.0997-0.0050i	0.0516+0.3139i	0.1177+0.0776i
13.6	-0.1226+0.2640i	5.9767-9.6022i	-0.0755+0.0352i	0.1134+0.3380i	0.0321+0.4797i	-0.1242+0.0202i	0.1203+0.3191i	0.0701+0.0991i
13.7	-0.0070+0.3231i	3.3227-11.1322i	-0.0898+0.0480i	0.1972+0.3082i	0.1198+0.5359i	-0.1324+0.0514i	0.2021+0.2835i	0.0191+0.1425i
13.8	0.1269+0.3119i	0.4389-10.8792i	-0.1041+0.0633i	0.2733+0.2414i	0.1930+0.5273i	-0.1338+0.0767i	0.2749+0.2153i	-0.0400+0.1974i
13.9	0.2131+0.2355i	-0.8658-9.3649i	-0.1251+0.0828i	0.3004+0.1535i	0.1814+0.4973i	-0.1426+0.0966i	0.3003+0.1263i	-0.1126+0.2726i
14.0	0.2440+0.1418i	-0.6323-7.9630i	-0.1503+0.1121i	0.2904+0.0722i	0.0988+0.5085i	-0.1592+0.1232i	0.2893+0.0436i	-0.2013+0.3831i
14.1	0.2359+0.0784i	0.2716-7.8022i	-0.1704+0.1548i	0.2671+0.0203i	0.0206+0.6015i	-0.1762+0.1619i	0.2634-0.0106i	-0.2573+0.5409i
14.2	0.2174+0.0214i	1.2183-9.1533i	-0.1857+0.2364i	0.2356-0.0218i	-0.0468+0.8335i	-0.1897+0.2391i	0.2325-0.0558i	-0.2928+0.8253i
14.3	0.1884-0.0369i	0.8455-12.2149i	-0.1587+0.3628i	0.1952-0.0611i	0.0241+1.2296i	-0.1609+0.3667i	0.1849-0.1051i	-0.1838+1.2711i
14.4	0.1404-0.0771i	-2.9585-15.2097i	-0.0253+0.4836i	0.1421-0.0905i	0.4560+1.5971i	-0.0258+0.4894i	0.1165-0.1411i	0.3029+1.6785i
14.5	0.0869-0.0765i	-8.1354-14.1174i	0.1585+0.4694i	0.0926-0.0857i	1.0318+1.5184i	0.1565+0.4746i	0.0540-0.1281i	0.9433+1.5971i
14.6	0.0461-0.0492i	-11.6291-9.7238i	0.2949+0.3427i	0.0623-0.0577i	1.4358+1.0933i	0.2914+0.3431i	0.0161-0.0835i	1.3913+1.1389i
14.7	0.0325-0.0206i	-11.7619-5.6707i	0.3186+0.2165i	0.0535-0.0320i	1.4844+0.6929i	0.3152+0.2161i	0.0075-0.0481i	1.4583+0.7102i
14.8	0.0335-0.0032i	-10.7072-3.2770i	0.2964+0.1424i	0.0561-0.0210i	1.4081+0.4606i	0.2930+0.1434i	0.0120-0.0309i	1.3851+0.4534i
14.9	0.0425+0.0107i	-9.0130-1.3838i	0.2585+0.0867i	0.0535-0.0203i	1.2717+0.3048i	0.2562+0.0870i	0.0156-0.0242i	1.2390+0.2741i
15.0	0.0511+0.0177i	-7.6448-0.6092i	0.2309+0.0639i	0.0472-0.0222i	1.1831+0.2421i	0.2290+0.0647i	0.0124-0.0250i	1.1344+0.2009i
15.1	0.0583+0.0198i	-6.6336-0.2017i	0.2142+0.0494i	0.0400-0.0202i	1.1402+0.1981i	0.2126+0.0500i	0.0061-0.0217i	1.0757+0.1537i
15.2	0.0668+0.0169i	-5.5320-0.1430i	0.1926+0.0408i	0.0325-0.0172i	1.0904+0.1697i	0.1915+0.0412i	0.0023-0.0175i	1.0092+0.1310i
15.3	0.0689+0.0094i	-5.0313-0.3849i	0.1799+0.0333i	0.0326-0.0086i	1.0498+0.1406i	0.1786+0.0331i	0.0038-0.0076i	0.9659+0.1231i
15.4	0.0702+0.0032i	-4.6344-0.4167i	0.1728+0.0272i	0.0295-0.0031i	1.0278+0.1192i	0.1712+0.0279i	0.0030-0.0001i	0.9426+0.1102i
15.5	0.0703-0.0010i	-4.3785-0.4895i	0.1662+0.0262i	0.0294+0.0035i	1.0141+0.1185i	0.1654+0.0267i	0.0036+0.0049i	0.9320+0.1127i
15.6	0.0691-0.0042i	-4.1362-0.5526i	0.1603+0.0222i	0.0311+0.0080i	0.9980+0.1041i	0.1580+0.0242i	0.0068+0.0088i	0.9227+0.1018i
15.7	0.0674-0.0067i	-3.9799-0.4882i	0.1552+0.0210i	0.0328+0.0086i	0.9818+0.0853i	0.1530+0.0201i	0.0105+0.0096i	0.9108+0.0865i
15.8	0.0641-0.0091i	-3.8394-0.4696i	0.1503+0.0210i	0.0328+0.0070i	0.9802+0.0801i	0.1504+0.0190i	0.0105+0.0080i	0.9146+0.0865i
15.9	0.0625-0.0098i	-3.7369-0.4490i	0.1506+0.0190i	0.0349+0.0091i	0.9764+0.0621i	0.1499+0.0159i	0.0101+0.0103i	0.9186+0.0752i
16.0	0.0624-0.0122i	-3.6551-0.4043i	0.1493+0.0139i	0.0368+0.0084i	0.9688+0.0450i	0.1476+0.0120i	0.0121+0.0103i	0.9182+0.0569i
16.1	0.0613-0.0113i	-3.4921-0.3313i	0.1437+0.0109i	0.0381+0.0071i	0.9529+0.0220i	0.1418+0.0109i	0.0152+0.0086i	0.9058+0.0256i
16.2	0.0625-0.0075i	-3.3405-0.2837i	0.1398+0.0117i	0.0357+0.0062i	0.9360+0.0047i	0.1383+0.0124i	0.0145+0.0073i	0.8903+0.0068i
16.3	0.0680-0.0089i	-3.2081-0.3365i	0.1423+0.0186i	0.0332+0.0003i	0.9420+0.0063i	0.1407+0.0211i	0.0120+0.0013i	0.8857+0.0128i
16.4	0.0695-0.0117i	-3.1382-0.3344i	0.1505+0.0215i	0.0252+0.0031i	0.9281+0.0181i	0.1501+0.0230i	0.0011+0.0037i	0.8765+0.0270i
16.5	0.0701-0.0193i	-3.1225-0.3310i	0.1595+0.0149i	0.0191+0.0118i	0.9312+0.0264i	0.1605+0.0144i	-0.0045+0.0112i	0.8813+0.0446i
16.6	0.0651-0.0311i	-3.1229-0.3107i	0.1649+0.0032i	0.0245+0.0188i	0.9561+0.0142i	0.1650+0.0013i	0.0021+0.0204i	0.9118+0.0438i
16.7	0.0459-0.0305i	-3.1135-0.2144i	0.1624-0.0098i	0.0309+0.0191i	0.9529-0.0335i	0.1631-0.0137i	0.0084+0.0218i	0.9395-0.0001i
16.8	0.0420-0.0174i	-3.0292-0.0886i	0.1550-0.0147i	0.0309+0.0192i	0.9448-0.0415i	0.1563-0.0188i	0.0070+0.0214i	0.9362-0.0344i
16.9	0.0483-0.0131i	-2.8514-0.0407i	0.1478-0.0102i	0.0323+0.0212i	0.9470+0.0124i	0.1490-0.0129i	0.0077+0.0242i	0.9230+0.0034i
17.0	0.0457-0.0181i	-2.8207-0.1009i	0.1549-0.0104i	0.0374+0.0213i	0.9991+0.0198i	0.1547-0.0113i	0.0112+0.0261i	0.9791+0.0176i
17.1	0.0337-0.0167i	-2.8199-0.0215i	0.1561-0.0226i	0.0355+0.0167i	1.0082-0.0502i	0.1553-0.0238i	0.0080+0.0229i	1.0071-0.0481i
17.2	0.0266+0.0011i	-2.7567+0.0915i	0.1477-0.0268i	0.0322+0.0151i	0.9801-0.0698i	0.1480-0.0290i	0.0052+0.0218i	0.9907-0.0951i
17.3	0.0414+0.0158i	-2.6332+0.1619i	0.1533-0.0277i	0.0355+0.0208i	1.0105-0.0667i	0.1517-0.0328i	0.0097+0.0282i	1.0015-0.1186i
17.4	0.0571+0.0140i	-2.4974+0.1589i	0.1546-0.0366i	0.0428+0.0202i	1.0494-0.1219i	0.1523-0.0411i	0.0191+0.0306i	1.0089-0.1666i
17.5	0.0575+0.0083i	-2.4352+0.1380i	0.1515-0.0443i	0.0421+0.0158i	1.0365-0.1842i	0.1498-0.0461i	0.0193+0.0259i	0.9929-0.2112i
17.6	0.0560+0.0111i	-2.4244+0.1684i	0.1453-0.0496i	0.0396+0.0164i	1.0103-0.2007i	0.1437-0.0491i	0.0184+0.0266i	0.9798-0.2319i
17.7	0.0617+0.0156i	-2.3682+0.2097i	0.1462-0.0540i	0.0400+0.0190i	1.0191-0.2259i	0.1414-0.0545i	0.0201+0.0288i	0.9837-0.2619i
17.8	0.0687+0.0194i	-2.3344+0.2316i	0.1463-0.0595i	0.0409+0.0176i	1.0105-0.2512i	0.1411-0.0598i	0.0193+0.0289i	0.9715-0.2922i
17.9	0.0721+0.0261i	-2.3011+0.2960i	0.1427-0.0678i	0.0382+0.0171i	0.9951-0.2911i	0.1368-0.0670i	0.0177+0.0295i	0.9540-0.3419i
18.0	0.0847+0.0342i	-2.1927+0.3607i	0.1349-0.0725i	0.0389+0.0183i	0.9666-0.3217i	0.1316-0.0734i	0.0189+0.0322i	0.9075-0.3793i
18.1	0.0989+0.0306i	-2.0761+0.3837i	0.1269-0.0796i	0.0442+0.0209i	0.9474-0.3793i	0.1230-0.0797i	0.0244+0.0349i	0.8660-0.4308i
18.2	0.1136+0.0180i	-1.9356+0.3693i	0.1136-0.0851i	0.0465+0.0171i	0.8789-0.4273i	0.1087-0.0863i	0.0284+0.0343i	0.7762-0.4546i

18.3	0.1225+0.0048i	-1.8667+0.2558i	0.0991-0.0834i	0.0469+0.0180i	0.7878-0.4379i	0.0939-0.0843i	0.0329+0.0324i	0.6837-0.4388i
18.4	0.1263-0.0088i	-1.8321+0.1511i	0.0848-0.0778i	0.0469+0.0174i	0.6960-0.4194i	0.0804-0.0764i	0.0346+0.0287i	0.6025-0.3944i
18.5	0.1308-0.0288i	-1.8808-0.0213i	0.0722-0.0527i	0.0407+0.0150i	0.5881-0.2595i	0.0670-0.0480i	0.0302+0.0235i	0.5221-0.2138i
18.6	0.1046-0.0449i	-2.1865+0.0340i	0.1028-0.0211i	0.0275+0.0271i	0.7620-0.0269i	0.1013-0.0200i	0.0133+0.0280i	0.7523-0.0132i
18.7	0.0883-0.0323i	-2.2423+0.3359i	0.1348-0.0398i	0.0322+0.0466i	0.9924-0.0959i	0.1340-0.0392i	0.0145+0.0509i	0.9776-0.1339i
18.8	0.0895-0.0244i	-2.0782+0.4938i	0.1301-0.0746i	0.0542+0.0524i	0.9971-0.3150i	0.1269-0.0735i	0.0307+0.0637i	0.9553-0.3536i
18.9	0.0886-0.0263i	-1.9934+0.5094i	0.1193-0.0882i	0.0698+0.0465i	0.9285-0.4275i	0.1140-0.0842i	0.0501+0.0586i	0.8822-0.4496i
19.0	0.0934-0.0265i	-1.8407+0.5509i	0.1070-0.0935i	0.0862+0.0371i	0.8799-0.4759i	0.1021-0.0872i	0.0701+0.0507i	0.8175-0.4930i
19.1	0.0936-0.0226i	-1.7435+0.5659i	0.0968-0.0940i	0.0944+0.0306i	0.8276-0.4809i	0.0941-0.0866i	0.0798+0.0446i	0.7592-0.5080i
19.2	0.0983-0.0175i	-1.6790+0.5552i	0.0893-0.0926i	0.1053+0.0244i	0.8032-0.4716i	0.0879-0.0840i	0.0918+0.0363i	0.7228-0.5029i
19.3	0.1041-0.0207i	-1.6048+0.5427i	0.0853-0.0903i	0.1127+0.0089i	0.7851-0.4867i	0.0845-0.0816i	0.0996+0.0204i	0.6946-0.5033i
19.4	0.1063-0.0187i	-1.5855+0.5559i	0.0816-0.0921i	0.1222-0.0067i	0.7697-0.5109i	0.0826-0.0850i	0.1102+0.0037i	0.6747-0.5230i
19.5	0.1112-0.0186i	-1.5094+0.5734i	0.0760-0.0966i	0.1291-0.0219i	0.7395-0.5539i	0.0779-0.0891i	0.1194-0.0114i	0.6330-0.5619i
19.6	0.1173-0.0200i	-1.4050+0.5751i	0.0645-0.1010i	0.1247-0.0463i	0.6908-0.6151i	0.0680-0.0952i	0.1157-0.0325i	0.5738-0.6064i
19.7	0.1264-0.0204i	-1.3393+0.5541i	0.0551-0.1023i	0.1156-0.0700i	0.6384-0.6432i	0.0604-0.0973i	0.1075-0.0563i	0.5128-0.6120i
19.8	0.1369-0.0285i	-1.2845+0.4779i	0.0380-0.1022i	0.0981-0.1005i	0.5304-0.6929i	0.0444-0.0988i	0.0913-0.0878i	0.4110-0.6228i
19.9	0.1411-0.0315i	-1.2577+0.4405i	0.0278-0.0956i	0.0799-0.1097i	0.4514-0.6636i	0.0334-0.0923i	0.0731-0.0991i	0.3449-0.5793i
20.0	0.1500-0.0442i	-1.2259+0.3781i	0.0125-0.0816i	0.0437-0.1182i	0.3320-0.5935i	0.0186-0.0802i	0.0383-0.1092i	0.2562-0.4937i
20.1	0.1523-0.0553i	-1.2380+0.3789i	0.0062-0.0726i	0.0123-0.1133i	0.2748-0.5495i	0.0114-0.0727i	0.0082-0.1016i	0.2271-0.4485i
20.2	0.1478-0.0625i	-1.2409+0.3902i	0.0010-0.0650i	-0.0039-0.0962i	0.2189-0.5087i	0.0057-0.0675i	-0.0075-0.0875i	0.1924-0.4182i
20.3	0.1458-0.0638i	-1.2054+0.3968i	-0.0061-0.0565i	-0.0179-0.0831i	0.1525-0.4598i	-0.0036-0.0606i	-0.0212-0.0760i	0.1395-0.3875i
20.4	0.1554-0.0678i	-1.1570+0.3983i	-0.0096-0.0468i	-0.0294-0.0756i	0.1290-0.3926i	-0.0096-0.0510i	-0.0297-0.0678i	0.1113-0.3293i
20.5	0.1633-0.0786i	-1.1262+0.3792i	-0.0140-0.0346i	-0.0345-0.0592i	0.1009-0.3326i	-0.0132-0.0409i	-0.0349-0.0510i	0.0783-0.2711i
20.6	0.1672-0.0851i	-1.1331+0.3463i	-0.0207-0.0197i	-0.0434-0.0484i	0.0451-0.2427i	-0.0209-0.0250i	-0.0437-0.0404i	0.0333-0.1860i
20.7	0.1737-0.0951i	-1.1317+0.3506i	-0.0268-0.0051i	-0.0550-0.0404i	-0.0067-0.1568i	-0.0265-0.0079i	-0.0546-0.0361i	-0.0127-0.0989i
20.8	0.1744-0.1103i	-1.0874+0.3701i	-0.0230+0.0082i	-0.0543-0.0166i	0.0062-0.0718i	-0.0244+0.0049i	-0.0536-0.0167i	-0.0028-0.0220i
20.9	0.1782-0.1237i	-1.0531+0.3473i	-0.0233+0.0175i	-0.0592-0.0033i	0.0121-0.0195i	-0.0249+0.0152i	-0.0594-0.0063i	-0.0031+0.0359i
21.0	0.1794-0.1480i	-1.0612+0.3452i	-0.0222+0.0338i	-0.0578+0.0175i	0.0026+0.0723i	-0.0225+0.0319i	-0.0590+0.0145i	-0.0056+0.1305i
21.1	0.1804-0.1683i	-1.0792+0.3329i	-0.0273+0.0524i	-0.0687+0.0273i	-0.0293+0.1880i	-0.0265+0.0521i	-0.0708+0.0229i	-0.0156+0.2502i
21.2	0.1691-0.1829i	-1.0699+0.3499i	-0.0256+0.0677i	-0.0485+0.0304i	-0.0167+0.2796i	-0.0261+0.0690i	-0.0492+0.0227i	0.0037+0.3412i
21.3	0.1607-0.2117i	-1.0217+0.3947i	-0.0226+0.0940i	-0.0271+0.0430i	0.0023+0.4405i	-0.0261+0.0946i	-0.0274+0.0329i	0.0202+0.5002i
21.4	0.1361-0.2480i	-0.9848+0.4297i	-0.0060+0.1187i	-0.0075+0.0895i	0.1168+0.5770i	-0.0109+0.1153i	-0.0101+0.0762i	0.1349+0.6157i
21.5	0.0897-0.2569i	-0.9220+0.4163i	0.0157+0.1291i	0.0641+0.0859i	0.2446+0.6172i	0.0059+0.1283i	0.0596+0.0718i	0.2450+0.6576i
21.6	0.0695-0.2544i	-0.8913+0.4137i	0.0303+0.1449i	0.0715+0.0488i	0.3243+0.6991i	0.0191+0.1521i	0.0675+0.0335i	0.3309+0.7364i
21.7	0.0471-0.2557i	-0.8430+0.4034i	0.0481+0.1560i	0.0913+0.0240i	0.4233+0.7523i	0.0383+0.1670i	0.0858+0.0065i	0.4223+0.8011i
21.8	0.0256-0.2692i	-0.7978+0.3994i	0.0717+0.1695i	0.0925+0.0848i	0.5703+0.8069i	0.0660+0.1754i	0.0818+0.0638i	0.5675+0.8267i
21.9	0.0056-0.2504i	-0.7815+0.3493i	0.0961+0.1772i	0.0365+0.0018i	0.7003+0.8351i	0.0994+0.1932i	0.0233-0.0199i	0.7381+0.8827i
22.0	-0.0277-0.2444i	-0.7380+0.3430i	0.1236+0.1813i	0.0521+0.0032i	0.8507+0.8371i	0.1285+0.1956i	0.0365-0.0201i	0.8892+0.8779i
22.1	-0.0479-0.2255i	-0.7197+0.3018i	0.1474+0.1779i	0.0321-0.0126i	0.9494+0.7864i	0.1570+0.1905i	0.0137-0.0362i	1.0065+0.8337i
22.2	-0.0497-0.2088i	-0.7125+0.2949i	0.1704+0.1719i	-0.0319+0.0008i	1.0436+0.7367i	0.1897+0.1815i	-0.0549-0.0238i	1.1361+0.7657i
22.3	-0.0541-0.1814i	-0.6942+0.2730i	0.1884+0.1597i	-0.0772-0.0024i	1.1159+0.6607i	0.2150+0.1652i	-0.1022-0.0288i	1.2323+0.6765i
22.4	-0.0694-0.1550i	-0.6702+0.2334i	0.2060+0.1440i	-0.0645-0.0278i	1.1885+0.5704i	0.2311+0.1501i	-0.0924-0.0504i	1.2943+0.5894i
22.5	-0.0719-0.1455i	-0.6461+0.2117i	0.2219+0.1327i	-0.0653+0.0194i	1.2360+0.5100i	0.2456+0.1314i	-0.0958-0.0005i	1.3444+0.4990i
22.6	-0.0713-0.1326i	-0.6578+0.1749i	0.2329+0.1202i	-0.0676+0.0692i	1.2618+0.4437i	0.2570+0.1107i	-0.0990+0.0516i	1.3714+0.4042i
22.7	-0.0732-0.1284i	-0.6532+0.1793i	0.2423+0.1131i	-0.0524+0.1292i	1.2850+0.4122i	0.2618+0.0958i	-0.0861+0.1131i	1.3883+0.3395i
22.8	-0.0773-0.1174i	-0.6392+0.1827i	0.2500+0.1006i	-0.0011+0.1597i	1.3242+0.3534i	0.2678+0.0788i	-0.0379+0.1433i	1.3988+0.2564i
22.9	-0.0756-0.1122i	-0.6293+0.1838i	0.2505+0.0893i	0.0472+0.1906i	1.3205+0.3072i	0.2649+0.0632i	0.0116+0.1742i	1.3749+0.1926i
23.0	-0.0788-0.1048i	-0.6130+0.1987i	0.2498+0.0853i	0.1053+0.1976i	1.3092+0.2973i	0.2547+0.0565i	0.0688+0.1854i	1.3316+0.1698i
23.1	-0.0828-0.0936i	-0.5687+0.1717i	0.2635+0.0763i	0.1380+0.1781i	1.3621+0.2610i	0.2616+0.0522i	0.1020+0.1674i	1.3542+0.1452i
23.2	-0.0849-0.0741i	-0.5679+0.1392i	0.2709+0.0651i	0.1696+0.1391i	1.3841+0.1895i	0.2662+0.0426i	0.1318+0.1296i	1.3637+0.0949i
23.3	-0.0895-0.0568i	-0.5395+0.0932i	0.2767+0.0549i	0.2115+0.1029i	1.4190+0.1291i	0.2670+0.0384i	0.1709+0.0956i	1.3764+0.0549i
23.4	-0.0884-0.0391i	-0.5278+0.0573i	0.2833+0.0461i	0.2379+0.0498i	1.4423+0.0886i	0.2700+0.0342i	0.1976+0.0442i	1.3877+0.0391i
23.5	-0.0735-0.0180i	-0.5557+0.0247i	0.2894+0.0370i	0.2231-0.0113i	1.4546+0.0506i	0.2773+0.0289i	0.1820-0.0162i	1.4067+0.0202i
23.6	-0.0657-0.0033i	-0.5659+0.0082i	0.2917+0.0295i	0.2202-0.0408i	1.4601+0.0115i	0.2817+0.0220i	0.1778-0.0428i	1.4161-0.0120i
23.7	-0.0545+0.0085i	-0.5675-0.0289i	0.2916+0.0199i	0.2137-0.0764i	1.4376-0.0397i	0.2833+0.0163i	0.1721-0.0754i	1.4059-0.0557i
23.8	-0.0316+0.0217i	-0.5780-0.0446i	0.2937+0.0068i	0.1757-0.1287i	1.4343-0.0904i	0.2877+0.0087i	0.1345-0.1274i	1.4130-0.0967i
23.9	-0.0132+0.0283i	-0.6035-0.0280i	0.2910-0.0022i	0.1293-0.1484i	1.4111-0.1413i	0.2881-0.0004i	0.0885-0.1469i	1.4050-0.1392i
24.0	0.0064+0.0272i	-0.5982-0.0157i	0.2854-0.0068i	0.0951-0.1424i	1.3691-0.1608i	0.2844-0.0090i	0.0550-0.1391i	1.3721-0.1689i
24.1	0.0315+0.0191i	-0.6112+0.0084i	0.2768-0.0151i	0.0492-0.1248i	1.3168-0.1950i	0.2800-0.0189i	0.0114-0.1188i	1.3270-0.2060i
24.2	0.0483+0.0066i	-0.6049+0.0207i	0.2680-0.0174i	0.0137-0.1013i	1.2713-0.2001i	0.2727-0.0216i	-0.0223-0.0980i	1.2865-0.2077i
24.3	0.0547-0.0012i	-0.6010+0.0094i	0.2620-0.0140i	0.0035-0.0911i	1.2251-0.1795i	0.2681-0.0173i	-0.0300-0.0872i	1.2437-0.1929i
24.4	0.0623-0.0124i	-0.5965+0.0026i	0.2580-0.0091i	0.0017-0.0719i	1.1769-0.1479i	0.2616-0.0127i	-0.0297-0.0653i	1.2054-0.1590i
24.5	0.0632-0.0256i	-0.5993+0.0147i	0.2640-0.0020i	-0.0022-0.0565i	1.1924-0.1180i	0.2646-0.0080i	-0.0337-0.0519i	1.2238-0.1273i

24.6	0.0612-0.0355i	-0.6067+0.0145i	0.2701+0.0052i	-0.0050-0.0449i	1.2156-0.0834i	0.2722-0.0020i	-0.0377-0.0416i	1.2588-0.0964i
24.7	0.0578-0.0411i	-0.6217+0.0289i	0.2764+0.0093i	0.0049-0.0337i	1.2393-0.0519i	0.2793+0.0024i	-0.0295-0.0332i	1.2913-0.0735i
24.8	0.0546-0.0407i	-0.6250+0.0152i	0.2871+0.0101i	0.0109-0.0270i	1.2753-0.0509i	0.2909+0.0006i	-0.0266-0.0272i	1.3342-0.0809i
24.9	0.0567-0.0363i	-0.6182+0.0259i	0.2952+0.0035i	0.0143-0.0252i	1.2984-0.0692i	0.2990-0.0088i	-0.0254-0.0262i	1.3643-0.1111i
25.0	0.0590-0.0394i	-0.6086+0.0350i	0.2985+0.0031i	0.0169-0.0248i	1.3064-0.0712i	0.3021-0.0105i	-0.0221-0.0258i	1.3728-0.1224i
25.1	0.0665-0.0458i	-0.6090+0.0853i	0.3045+0.0034i	0.0117-0.0271i	1.3150-0.0659i	0.3058-0.0105i	-0.0289-0.0249i	1.3857-0.1332i
25.2	0.0740-0.0512i	-0.6015+0.1173i	0.3077+0.0037i	0.0076-0.0231i	1.3225-0.0690i	0.3080-0.0093i	-0.0324-0.0218i	1.3922-0.1376i
25.3	0.0778-0.0596i	-0.5967+0.1391i	0.3068+0.0033i	0.0053-0.0190i	1.2994-0.0656i	0.3063-0.0076i	-0.0347-0.0205i	1.3797-0.1343i
25.4	0.0681-0.0735i	-0.5755+0.1729i	0.3148+0.0116i	0.0086-0.0090i	1.3111-0.0289i	0.3150-0.0005i	-0.0326-0.0098i	1.4088-0.0979i
25.5	0.0586-0.0785i	-0.5717+0.1846i	0.3321+0.0192i	0.0146-0.0076i	1.3636+0.0120i	0.3328+0.0069i	-0.0281-0.0087i	1.4715-0.0741i
25.6	0.0444-0.0744i	-0.5322+0.2099i	0.3560+0.0156i	0.0165-0.0116i	1.4296+0.0131i	0.3540+0.0007i	-0.0282-0.0144i	1.5533-0.1033i
25.7	0.0384-0.0709i	-0.4899+0.2488i	0.3735+0.0148i	0.0139-0.0138i	1.4771+0.0297i	0.3710+0.0001i	-0.0302-0.0168i	1.6158-0.1214i
25.8	0.0474-0.0622i	-0.4501+0.3114i	0.3820+0.0023i	0.0027-0.0197i	1.4941-0.0050i	0.3782-0.0138i	-0.0417-0.0219i	1.6207-0.2009i
25.9	0.0537-0.0682i	-0.4076+0.3469i	0.3830+0.0017i	-0.0096-0.0141i	1.4946+0.0206i	0.3840-0.0156i	-0.0583-0.0148i	1.6005-0.2048i
26.0	0.0436-0.0688i	-0.3475+0.3463i	0.4074-0.0023i	-0.0152+0.0051i	1.5677+0.0312i	0.4071-0.0235i	-0.0669+0.0031i	1.6668-0.2327i
26.1	0.0464-0.0602i	-0.2709+0.3491i	0.4236-0.0186i	-0.0249+0.0167i	1.6177+0.0056i	0.4229-0.0404i	-0.0776+0.0175i	1.6974-0.3012i
26.2	0.0579-0.0563i	-0.1896+0.3344i	0.4287-0.0364i	-0.0310+0.0307i	1.6429-0.0204i	0.4284-0.0588i	-0.0862+0.0336i	1.6768-0.3649i
26.3	0.0712-0.0580i	-0.1003+0.3037i	0.4343-0.0514i	-0.0385+0.0619i	1.6765-0.0149i	0.4314-0.0759i	-0.0938+0.0664i	1.6401-0.4050i
26.4	0.0792-0.0672i	0.0033+0.2675i	0.4384-0.0598i	-0.0434+0.1003i	1.6957+0.0272i	0.4323-0.0882i	-0.0962+0.1053i	1.6066-0.4086i
26.5	0.0820-0.0849i	0.0666+0.1937i	0.4348-0.0665i	-0.0158+0.1482i	1.7432+0.0897i	0.4285-0.0960i	-0.0677+0.1545i	1.5677-0.3727i
26.6	0.0715-0.1080i	0.0968+0.1256i	0.4360-0.0630i	0.0503+0.1798i	1.8796+0.1430i	0.4241-0.0935i	-0.0036+0.1836i	1.5793-0.2854i
26.7	0.0570-0.1241i	0.0979+0.0530i	0.4482-0.0583i	0.1126+0.1696i	2.0474+0.1008i	0.4289-0.0890i	0.0587+0.1697i	1.6373-0.2261i
26.8	0.0300-0.1276i	0.0850-0.0172i	0.4704-0.0624i	0.1584+0.1273i	2.1985-0.0076i	0.4468-0.0897i	0.1021+0.1267i	1.7637-0.2181i
26.9	0.0076-0.1184i	0.0935-0.0675i	0.4901-0.0757i	0.1838+0.0849i	2.2978-0.1430i	0.4633-0.1021i	0.1231+0.0866i	1.8654-0.2699i
27.0	-0.0057-0.1051i	0.1211-0.1278i	0.5033-0.0961i	0.1874+0.0422i	2.3441-0.3171i	0.4748-0.1221i	0.1188+0.0474i	1.9226-0.3590i
27.1	-0.0111-0.0890i	0.1160-0.1472i	0.5084-0.1118i	0.1781+0.0231i	2.3366-0.4283i	0.4785-0.1334i	0.1078+0.0281i	1.9395-0.4182i
27.2	-0.0126-0.0720i	0.1126-0.2011i	0.5161-0.1291i	0.1717+0.0105i	2.3311-0.5404i	0.4835-0.1505i	0.0987+0.0172i	1.9586-0.4711i
27.3	-0.0127-0.0594i	0.0981-0.2547i	0.5193-0.1462i	0.1677-0.0043i	2.3054-0.6410i	0.4822-0.1662i	0.0939+0.0057i	1.9695-0.5259i
27.4	-0.0091-0.0508i	0.0491-0.2570i	0.5188-0.1507i	0.1651-0.0130i	2.2695-0.6736i	0.4809-0.1672i	0.0868-0.0016i	1.9806-0.5393i
27.5	-0.0030-0.0432i	0.0556-0.2960i	0.5262-0.1566i	0.1625-0.0271i	2.2793-0.7033i	0.4881-0.1674i	0.0841-0.0138i	2.0059-0.5523i
27.6	0.0008-0.0371i	0.0477-0.3608i	0.5380-0.1704i	0.1625-0.0414i	2.2900-0.7827i	0.4957-0.1785i	0.0827-0.0233i	2.0370-0.5823i
27.7	0.0036-0.0287i	0.0331-0.4272i	0.5442-0.1874i	0.1624-0.0596i	2.2833-0.8890i	0.5021-0.1928i	0.0790-0.0361i	2.0851-0.6306i
27.8	0.0099-0.0218i	-0.0339-0.4432i	0.5500-0.2008i	0.1475-0.0754i	2.2411-0.9482i	0.5055-0.2008i	0.0656-0.0499i	2.1377-0.6710i
27.9	0.0179-0.0173i	-0.0626-0.4458i	0.5513-0.2090i	0.1337-0.0838i	2.2070-0.9802i	0.5090-0.2066i	0.0506-0.0549i	2.1683-0.7118i
28.0	0.0297-0.0157i	-0.1227-0.4377i	0.5611-0.2260i	0.1261-0.0844i	2.1978-1.0325i	0.5194-0.2208i	0.0377-0.0521i	2.2208-0.7922i
28.1	0.0376-0.0254i	-0.1643-0.3737i	0.5655-0.2436i	0.1154-0.0787i	2.1695-1.0874i	0.5252-0.2375i	0.0271-0.0433i	2.2639-0.9055i
28.2	0.0251-0.0364i	-0.1142-0.2850i	0.5669-0.2590i	0.1063-0.0781i	2.1358-1.1327i	0.5296-0.2502i	0.0213-0.0360i	2.2627-1.0188i
28.3	0.0131-0.0278i	-0.0500-0.2722i	0.5718-0.2694i	0.0977-0.0765i	2.0994-1.1278i	0.5357-0.2555i	0.0142-0.0321i	2.2320-1.0872i
28.4	0.0173-0.0099i	-0.0666-0.2986i	0.5749-0.2783i	0.0933-0.0769i	2.0873-1.1288i	0.5419-0.2613i	0.0114-0.0288i	2.2097-1.1236i
28.5	0.0236-0.0050i	-0.0667-0.3055i	0.5840-0.2834i	0.0923-0.0727i	2.1028-1.1241i	0.5510-0.2671i	0.0085-0.0228i	2.2158-1.1403i
28.6	0.0281-0.0042i	-0.0486-0.2738i	0.6007-0.2949i	0.0962-0.0649i	2.1534-1.1342i	0.5703-0.2789i	0.0116-0.0142i	2.2563-1.1836i
28.7	0.0290-0.0074i	-0.0044-0.2367i	0.6188-0.3137i	0.0999-0.0611i	2.1998-1.1816i	0.5905-0.2987i	0.0151-0.0083i	2.3000-1.2653i
28.8	0.0313-0.0009i	0.0283-0.2713i	0.6282-0.3363i	0.1029-0.0629i	2.2240-1.2373i	0.6023-0.3190i	0.0158-0.0064i	2.3042-1.3368i
28.9	0.0359+0.0081i	0.0334-0.3182i	0.6436-0.3597i	0.1034-0.0683i	2.2576-1.3110i	0.6192-0.3479i	0.0160-0.0057i	2.3313-1.4179i
29.0	0.0348+0.0101i	0.0473-0.3230i	0.6572-0.3928i	0.1043-0.0704i	2.2901-1.4014i	0.6328-0.3795i	0.0175-0.0001i	2.3577-1.5266i
29.1	0.0335+0.0142i	0.0823-0.3405i	0.6608-0.4310i	0.1062-0.0785i	2.2771-1.5125i	0.6329-0.4162i	0.0228-0.0019i	2.3310-1.6509i
29.2	0.0376+0.0271i	0.0947-0.4050i	0.6558-0.4678i	0.1054-0.0933i	2.2626-1.6282i	0.6277-0.4542i	0.0255-0.0088i	2.3002-1.7691i
29.3	0.0395+0.0422i	0.1384-0.4500i	0.6512-0.4996i	0.1045-0.1028i	2.2306-1.7135i	0.6242-0.4857i	0.0283-0.0140i	2.2555-1.8669i
29.4	0.0429+0.0526i	0.1656-0.4648i	0.6514-0.5368i	0.1017-0.1093i	2.2151-1.8120i	0.6242-0.5223i	0.0281-0.0150i	2.2302-1.9852i
29.5	0.0518+0.0586i	0.1752-0.4771i	0.6329-0.5852i	0.0950-0.1174i	2.1514-1.9439i	0.6080-0.5697i	0.0285-0.0105i	2.1578-2.1335i
29.6	0.0646+0.0665i	0.1230-0.5261i	0.6092-0.6123i	0.0882-0.1228i	2.0398-2.0107i	0.5802-0.5939i	0.0312-0.0137i	2.0442-2.2082i
29.7	0.0750+0.0759i	0.0779-0.5713i	0.5856-0.6467i	0.0780-0.1320i	1.9414-2.0923i	0.5546-0.6234i	0.0283-0.0211i	1.9356-2.2995i
29.8	0.0846+0.0820i	0.0681-0.5943i	0.5663-0.6675i	0.0700-0.1371i	1.8761-2.1261i	0.5350-0.6423i	0.0274-0.0247i	1.8556-2.3538i
29.9	0.1042+0.1023i	0.1256-0.6397i	0.5564-0.7154i	0.0634-0.1541i	1.8549-2.2307i	0.5211-0.6845i	0.0281-0.0333i	1.7880-2.4843i
30.0	0.1217+0.1012i	0.0675-0.6193i	0.5118-0.7420i	0.0471-0.1480i	1.7303-2.2620i	0.4844-0.7101i	0.0222-0.0347i	1.6357-2.5344i
30.1	0.1362+0.0871i	0.0350-0.6219i	0.4645-0.7519i	0.0331-0.1412i	1.5990-2.2496i	0.4409-0.7151i	0.0168-0.0353i	1.4750-2.5151i
30.2	0.1569+0.0794i	-0.0080-0.6281i	0.4141-0.7660i	0.0178-0.1367i	1.4921-2.2472i	0.3929-0.7225i	0.0150-0.0370i	1.3191-2.4927i
30.3	0.1632+0.0630i	-0.0238-0.6030i	0.3689-0.7585i	0.0118-0.1287i	1.4026-2.2421i	0.3525-0.7157i	0.0115-0.0331i	1.2092-2.4373i
30.4	0.1592+0.0604i	0.0015-0.6236i	0.3495-0.7475i	0.0051-0.1212i	1.3537-2.2487i	0.3360-0.7074i	0.0055-0.0313i	1.1908-2.4123i
30.5	0.1611+0.0660i	0.0063-0.6419i	0.3281-0.7509i	-0.0035-0.1092i	1.2723-2.2726i	0.3176-0.7092i	0.0001-0.0276i	1.1433-2.4404i
30.6	0.1679+0.0677i	-0.0388-0.6706i	0.2907-0.7559i	-0.0109-0.1030i	1.1423-2.2868i	0.2868-0.7101i	-0.0024-0.0291i	1.0327-2.4701i
30.7	0.1778+0.0662i	-0.1224-0.6815i	0.2370-0.7581i	-0.0155-0.0966i	0.9689-2.2764i	0.2420-0.7077i	-0.0051-0.0288i	0.8616-2.4836i
30.8	0.1783+0.0687i	-0.1964-0.6510i	0.1951-0.7299i	-0.0183-0.0873i	0.8375-2.1759i	0.2114-0.6850i	-0.0103-0.0235i	0.7212-2.4127i

30.9	0.1844+0.0740i	-0.1741-0.5834i	0.1698-0.6933i	-0.0208-0.0824i	0.7810-2.0398i	0.1971-0.6516i	-0.0146-0.0214i	0.6341-2.3080i
31.0	0.1868+0.0831i	-0.1762-0.5483i	0.1503-0.6697i	-0.0229-0.0732i	0.7352-1.9514i	0.1831-0.6354i	-0.0190-0.0186i	0.5661-2.2313i
31.1	0.2040+0.0920i	-0.1987-0.5193i	0.1304-0.6313i	-0.0261-0.0623i	0.6989-1.8264i	0.1711-0.6093i	-0.0255-0.0163i	0.5004-2.1050i
31.2	0.2228+0.1058i	-0.1811-0.4522i	0.1179-0.5929i	-0.0251-0.0571i	0.6896-1.7185i	0.1619-0.5831i	-0.0294-0.0123i	0.4733-2.0304i
31.3	0.2401+0.1110i	-0.1585-0.4010i	0.1110-0.5648i	-0.0305-0.0555i	0.6929-1.6509i	0.1578-0.5645i	-0.0349-0.0106i	0.4428-1.9852i
31.4	0.2655+0.1006i	-0.1295-0.3716i	0.1220-0.5339i	-0.0324-0.0463i	0.7505-1.5673i	0.1666-0.5404i	-0.0374-0.0033i	0.4435-1.8902i
31.5	0.2856+0.0967i	-0.0956-0.3413i	0.1361-0.4996i	-0.0395-0.0318i	0.8046-1.4838i	0.1807-0.5174i	-0.0475+0.0094i	0.4455-1.7960i
31.6	0.3036+0.0856i	-0.0526-0.3419i	0.1513-0.4764i	-0.0369-0.0257i	0.8548-1.4354i	0.1905-0.5018i	-0.0480+0.0175i	0.4591-1.7299i
31.7	0.3157+0.0828i	-0.0192-0.2904i	0.1637-0.4521i	-0.0357-0.0036i	0.8896-1.3898i	0.2015-0.4926i	-0.0490+0.0361i	0.4645-1.6680i
31.8	0.3374+0.0840i	0.0658-0.2308i	0.1873-0.4201i	-0.0240+0.0207i	0.9349-1.3395i	0.2102-0.4839i	-0.0377+0.0615i	0.4688-1.5870i
31.9	0.3591+0.0790i	0.1442-0.2608i	0.2156-0.3980i	-0.0180+0.0401i	0.9912-1.2932i	0.2242-0.4741i	-0.0316+0.0775i	0.4867-1.5212i
32.0	0.3684+0.0722i	0.1749-0.2684i	0.2277-0.3880i	-0.0117+0.0436i	1.0195-1.2735i	0.2317-0.4658i	-0.0293+0.0814i	0.5017-1.4842i
32.1	0.3893+0.0634i	0.2398-0.2817i	0.2493-0.3792i	-0.0017+0.0549i	1.0638-1.2635i	0.2418-0.4615i	-0.0172+0.0926i	0.5148-1.4410i
32.2	0.4201+0.0465i	0.3319-0.2597i	0.2861-0.3645i	0.0284+0.0706i	1.1265-1.2369i	0.2467-0.4487i	0.0093+0.1062i	0.5395-1.3571i
32.3	0.4506+0.0233i	0.3812-0.2979i	0.3232-0.3550i	0.0485+0.0767i	1.2050-1.2269i	0.2574-0.4368i	0.0259+0.1110i	0.5631-1.2924i
32.4	0.4766-0.0013i	0.4221-0.3834i	0.3651-0.3489i	0.0705+0.0833i	1.2873-1.2257i	0.2763-0.4240i	0.0453+0.1181i	0.6169-1.2230i
32.5	0.4842-0.0291i	0.4955-0.3894i	0.4082-0.3411i	0.1019+0.0898i	1.3390-1.2005i	0.3001-0.4045i	0.0756+0.1233i	0.6766-1.1210i
32.6	0.4903-0.0738i	0.4992-0.4206i	0.4372-0.3455i	0.1303+0.0834i	1.3771-1.2134i	0.3138-0.3887i	0.1023+0.1137i	0.7267-1.0374i
32.7	0.4979-0.1147i	0.4948-0.4533i	0.4727-0.3474i	0.1518+0.0787i	1.4391-1.2154i	0.3414-0.3709i	0.1212+0.1084i	0.8128-0.9513i
32.8	0.5011-0.1488i	0.5669-0.5389i	0.5247-0.3670i	0.1696+0.0515i	1.5479-1.2316i	0.3890-0.3624i	0.1343+0.0801i	0.9479-0.8844i
32.9	0.4863-0.1919i	0.5703-0.5907i	0.5607-0.3767i	0.1742+0.0401i	1.6153-1.2415i	0.4381-0.3514i	0.1329+0.0675i	1.1026-0.8148i
33.0	0.4546-0.2413i	0.5408-0.6674i	0.6036-0.3946i	0.1792+0.0404i	1.6990-1.2792i	0.4976-0.3551i	0.1351+0.0668i	1.3075-0.7795i
33.1	0.4013-0.2775i	0.5230-0.6909i	0.6622-0.4156i	0.1959+0.0305i	1.7983-1.3140i	0.5748-0.3601i	0.1469+0.0583i	1.5847-0.7746i
33.2	0.3524-0.2906i	0.5235-0.7101i	0.7172-0.4305i	0.2108+0.0450i	1.8898-1.3415i	0.6430-0.3920i	0.1559+0.0765i	1.8177-0.8565i
33.3	0.2820-0.2620i	0.5056-0.7080i	0.7761-0.4981i	0.2415+0.0262i	1.9944-1.4373i	0.7149-0.4704i	0.1769+0.0624i	2.0663-1.1044i
33.4	0.2311-0.2123i	0.4973-0.6947i	0.8286-0.5909i	0.2796-0.0193i	2.0785-1.5660i	0.7588-0.5560i	0.2101+0.0231i	2.2163-1.3966i
33.5	0.2169-0.1422i	0.5233-0.6955i	0.8423-0.6892i	0.2905-0.0752i	2.1214-1.7024i	0.7681-0.6444i	0.2207-0.0266i	2.2232-1.7056i
33.6	0.2109-0.0919i	0.4957-0.7665i	0.8442-0.7880i	0.2866-0.1310i	2.1511-1.8597i	0.7678-0.7348i	0.2133-0.0758i	2.1975-1.9876i
33.7	0.2291-0.0511i	0.4473-0.7752i	0.8034-0.8612i	0.2540-0.1765i	2.1090-1.9892i	0.7299-0.8006i	0.1824-0.1163i	2.0670-2.1781i
33.8	0.2748+0.0042i	0.4697-0.6859i	0.7404-0.9143i	0.2007-0.1926i	2.0407-2.0941i	0.6745-0.8549i	0.1302-0.1241i	1.8608-2.3418i
33.9	0.3188+0.0377i	0.5061-0.6249i	0.7152-0.9454i	0.1710-0.1783i	2.0238-2.1770i	0.6529-0.8918i	0.0999-0.1033i	1.7514-2.4530i
34.0	0.3783+0.0563i	0.6006-0.5988i	0.6769-0.9705i	0.1575-0.1731i	1.9695-2.2506i	0.6181-0.9139i	0.0942-0.0904i	1.5746-2.5007i
34.1	0.4352+0.0563i	0.6254-0.6314i	0.6342-0.9820i	0.1448-0.1656i	1.8994-2.2977i	0.5821-0.9216i	0.0877-0.0826i	1.4053-2.4798i
34.2	0.4860+0.0275i	0.6668-0.6974i	0.6133-0.9854i	0.1416-0.1524i	1.8610-2.3432i	0.5607-0.9280i	0.0878-0.0702i	1.2902-2.4106i
34.3	0.5238+0.0127i	0.7462-0.7403i	0.6133-0.9884i	0.1414-0.1474i	1.8641-2.3656i	0.5593-0.9366i	0.0900-0.0636i	1.2432-2.3758i
34.4	0.5624-0.0063i	0.7654-0.7406i	0.6033-0.9930i	0.1352-0.1494i	1.8200-2.3764i	0.5531-0.9373i	0.0849-0.0662i	1.1896-2.3008i
34.5	0.6013-0.0351i	0.8127-0.8190i	0.6078-0.9924i	0.1270-0.1480i	1.8136-2.3812i	0.5595-0.9305i	0.0769-0.0668i	1.1911-2.2084i
34.6	0.6129-0.0646i	0.8167-0.8719i	0.6255-1.0138i	0.1315-0.1492i	1.8265-2.4239i	0.5786-0.9437i	0.0806-0.0670i	1.2325-2.1687i
34.7	0.6279-0.0924i	0.8247-0.8938i	0.6438-1.0438i	0.1235-0.1482i	1.8410-2.4659i	0.6023-0.9734i	0.0711-0.0647i	1.3192-2.1740i
34.8	0.6527-0.1164i	0.8843-0.9154i	0.6574-1.0635i	0.1274-0.1477i	1.8620-2.5045i	0.6182-0.9974i	0.0724-0.0624i	1.3589-2.1895i
34.9	0.6640-0.1461i	0.8685-0.9945i	0.6676-1.0932i	0.1328-0.1500i	1.8713-2.5655i	0.6315-1.0227i	0.0792-0.0638i	1.3994-2.1884i
35.0	0.6805-0.1682i	0.9464-1.0795i	0.6863-1.1374i	0.1301-0.1565i	1.9080-2.6336i	0.6566-1.0608i	0.0760-0.0653i	1.4581-2.2315i
35.1	0.6844-0.1902i	0.9583-1.1137i	0.6955-1.1763i	0.1245-0.1609i	1.8870-2.6923i	0.6758-1.1004i	0.0725-0.0680i	1.5252-2.2828i
35.2	0.6994-0.2064i	0.9943-1.1928i	0.7019-1.2117i	0.1247-0.1602i	1.8825-2.7303i	0.6862-1.1411i	0.0721-0.0675i	1.5663-2.3363i
35.3	0.7182-0.2186i	1.0696-1.2762i	0.7187-1.2818i	0.1248-0.1586i	1.9163-2.7975i	0.7036-1.2140i	0.0689-0.0610i	1.6007-2.4533i
35.4	0.7312-0.2411i	1.0226-1.3667i	0.7237-1.3598i	0.1253-0.1547i	1.9363-2.8960i	0.7144-1.3004i	0.0681-0.0539i	1.6363-2.5863i
35.5	0.7413-0.2578i	1.0112-1.4628i	0.7195-1.4110i	0.1289-0.1554i	1.9188-2.9839i	0.7137-1.3552i	0.0737-0.0513i	1.6422-2.6626i
35.6	0.7615-0.2819i	0.9694-1.5512i	0.6996-1.4788i	0.1369-0.1563i	1.9118-3.0697i	0.6906-1.4253i	0.0809-0.0458i	1.6156-2.7607i
35.7	0.7799-0.3035i	0.9303-1.6487i	0.6808-1.5432i	0.1447-0.1578i	1.9099-3.1588i	0.6737-1.4933i	0.0859-0.0467i	1.6045-2.8485i
35.8	0.8033-0.3282i	0.8878-1.6717i	0.6577-1.6135i	0.1514-0.1597i	1.9094-3.2707i	0.6542-1.5676i	0.0900-0.0446i	1.5964-2.9607i
35.9	0.8299-0.3623i	0.8637-1.7455i	0.6166-1.6789i	0.1546-0.1669i	1.8837-3.4209i	0.6101-1.6336i	0.0977-0.0450i	1.5253-3.0478i
36.0	0.8567-0.3948i	0.8257-1.8332i	0.5695-1.7323i	0.1594-0.1769i	1.8175-3.5339i	0.5590-1.6910i	0.1079-0.0500i	1.4488-3.1154i
36.1	0.8811-0.4269i	0.7231-1.8767i	0.5042-1.7954i	0.1593-0.1823i	1.7386-3.6643i	0.4960-1.7576i	0.1146-0.0540i	1.3421-3.2038i
36.2	0.8954-0.4743i	0.6637-1.9029i	0.4471-1.8534i	0.1652-0.1838i	1.6343-3.7838i	0.4351-1.8226i	0.1243-0.0528i	1.2601-3.2857i
36.3	0.9043-0.5135i	0.5758-1.8709i	0.4160-1.8950i	0.1738-0.1873i	1.5662-3.8613i	0.4004-1.8699i	0.1341-0.0555i	1.2313-3.3365i
36.4	0.9178-0.5611i	0.5009-1.8031i	0.3348-1.9430i	0.1785-0.2012i	1.4470-3.9660i	0.3123-1.9289i	0.1443-0.0615i	1.1228-3.4051i
36.5	0.9112-0.6260i	0.3800-1.8708i	0.2646-1.9758i	0.1790-0.2101i	1.2932-4.0492i	0.2356-1.9575i	0.1511-0.0688i	1.0638-3.4415i
36.6	0.9047-0.6771i	0.2668-2.0141i	0.1936-2.0238i	0.1809-0.2260i	1.1643-4.1148i	0.1669-2.0003i	0.1559-0.0835i	0.9813-3.5108i
36.7	0.8921-0.7269i	0.1021-2.0055i	0.1101-2.0436i	0.1882-0.2365i	1.0063-4.1618i	0.0875-2.0199i	0.1697-0.0910i	0.8579-3.5441i
36.8	0.8940-0.7736i	0.1481-1.9293i	0.0754-2.0461i	0.1986-0.2456i	0.9134-4.1784i	0.0469-2.0265i	0.1809-0.1008i	0.7909-3.5491i
36.9	0.8765-0.8119i	0.0922-1.8790i	0.0176-2.0449i	0.2024-0.2663i	0.7555-4.1411i	-0.0098-2.0252i	0.1867-0.1219i	0.7049-3.5132i
37.0	0.8833-0.8382i	0.1079-1.7493i	-0.0171-2.0214i	0.2086-0.2834i	0.6863-4.0876i	-0.0485-2.0100i	0.1964-0.1394i	0.6693-3.4682i
37.1	0.8924-0.8964i	0.1390-1.7196i	-0.0214-2.0415i	0.2171-0.3039i	0.6711-4.0941i	-0.0624-2.0362i	0.2064-0.1578i	0.6506-3.4825i

37.2	0.8709-0.9662i	0.1327-1.7801i	-0.0485-2.1050i	0.2222-0.3389i	0.6020-4.1580i	-0.0936-2.0947i	0.2155-0.1901i	0.5982-3.5206i
37.3	0.8379-1.0099i	0.0478-1.8808i	-0.0940-2.1565i	0.2221-0.3674i	0.5036-4.2107i	-0.1421-2.1510i	0.2177-0.2184i	0.5404-3.5237i
37.4	0.8198-1.0620i	0.1041-1.8628i	-0.1286-2.1870i	0.2217-0.3980i	0.4446-4.2463i	-0.1872-2.1877i	0.2180-0.2487i	0.4651-3.4981i
37.5	0.7984-1.1027i	0.0716-1.7867i	-0.2125-2.2414i	0.2087-0.4406i	0.3467-4.2905i	-0.2771-2.2506i	0.2112-0.2883i	0.4268-3.4689i
37.6	0.7872-1.1580i	0.0661-1.8364i	-0.2709-2.2971i	0.1958-0.4764i	0.2850-4.3824i	-0.3423-2.3110i	0.1990-0.3242i	0.4211-3.4461i
37.7	0.7323-1.2310i	-0.2059-1.8243i	-0.3696-2.3290i	0.1597-0.5123i	0.0889-4.4881i	-0.4449-2.3482i	0.1695-0.3633i	0.4300-3.3948i
37.8	0.6852-1.2870i	-0.3129-1.7577i	-0.4625-2.3519i	0.1251-0.5464i	-0.0889-4.5238i	-0.5513-2.3730i	0.1406-0.3947i	0.4347-3.4059i
37.9	0.5771-1.3506i	-0.3594-1.5629i	-0.5938-2.3930i	0.0606-0.6028i	-0.3971-4.5419i	-0.7045-2.4249i	0.0815-0.4476i	0.4392-3.4516i
38.0	0.4901-1.3291i	-0.4131-1.3771i	-0.6839-2.3581i	0.0018-0.6083i	-0.6444-4.4213i	-0.8209-2.3940i	0.0271-0.4497i	0.4479-3.4809i
38.1	0.4223-1.2858i	-0.4575-1.2288i	-0.8172-2.3282i	-0.0795-0.5898i	-0.8837-4.2279i	-0.9859-2.3577i	-0.0432-0.4381i	0.4371-3.5067i
38.2	0.3918-1.2547i	-0.3126-1.1157i	-0.8906-2.2867i	-0.1437-0.5784i	-1.0104-4.0159i	-1.0859-2.2907i	-0.1007-0.4366i	0.4182-3.4952i
38.3	0.3930-1.2333i	-0.1440-1.0301i	-0.9338-2.2570i	-0.1889-0.5488i	-1.0811-3.8212i	-1.1553-2.2370i	-0.1481-0.4122i	0.4820-3.5086i
38.4	0.3953-1.2404i	-0.0726-1.0178i	-0.9809-2.2712i	-0.2304-0.5121i	-1.0990-3.6809i	-1.2226-2.2248i	-0.1943-0.3744i	0.5829-3.5945i
38.5	0.3748-1.2877i	-0.0991-1.2487i	-1.0087-2.2869i	-0.2674-0.4789i	-1.1361-3.5957i	-1.2616-2.2041i	-0.2312-0.3366i	0.6769-3.7060i
38.6	0.3350-1.3099i	-0.2344-1.2415i	-1.0849-2.3059i	-0.2900-0.4314i	-1.1981-3.4745i	-1.3338-2.1962i	-0.2531-0.2877i	0.7113-3.8938i
38.7	0.3043-1.3098i	-0.3380-1.0706i	-1.2166-2.3392i	-0.3051-0.3758i	-1.2809-3.3053i	-1.4692-2.1977i	-0.2624-0.2323i	0.6746-4.1605i
38.8	0.2675-1.3040i	-0.4108-0.9739i	-1.3375-2.3302i	-0.3123-0.3295i	-1.2778-3.0909i	-1.5749-2.1513i	-0.2670-0.1845i	0.5261-4.3990i
38.9	0.2460-1.3020i	-0.3961-0.8902i	-1.4639-2.3284i	-0.3168-0.2896i	-1.2384-2.9272i	-1.6764-2.1138i	-0.2634-0.1445i	0.3347-4.5937i
39.0	0.2276-1.2955i	-0.3373-0.7896i	-1.6202-2.2659i	-0.3013-0.2443i	-1.1488-2.7603i	-1.8020-2.0214i	-0.2416-0.1047i	0.0328-4.7009i
39.1	0.2145-1.2934i	-0.4652-0.8113i	-1.7527-2.1827i	-0.2967-0.2168i	-1.0587-2.6780i	-1.8882-1.9294i	-0.2300-0.0810i	-0.2110-4.6877i
39.2	0.2327-1.3020i	-0.3765-0.6021i	-1.8594-2.0802i	-0.2780-0.1900i	-0.9199-2.5878i	-1.9645-1.8288i	-0.2064-0.0572i	-0.4047-4.6737i
39.3	0.2355-1.3474i	-0.2221-0.4320i	-1.9522-1.9791i	-0.2565-0.1684i	-0.8027-2.5872i	-2.0392-1.7433i	-0.1832-0.0391i	-0.5839-4.6239i
39.4	0.2115-1.3804i	-0.2783-0.1706i	-2.0724-1.8600i	-0.2337-0.1503i	-0.8140-2.5590i	-2.1429-1.6524i	-0.1561-0.0183i	-0.7420-4.5951i
39.5	0.1752-1.4019i	-0.1605-0.0204i	-2.1570-1.7217i	-0.2066-0.1247i	-0.7574-2.4815i	-2.2181-1.5339i	-0.1267-0.0037i	-0.9119-4.5453i
39.6	0.1402-1.4143i	-0.0954+0.0326i	-2.2061-1.5641i	-0.1913-0.1042i	-0.6750-2.4386i	-2.2642-1.4038i	-0.1089+0.0024i	-1.0356-4.4146i
39.7	0.0766-1.4261i	-0.2942+0.0220i	-2.2435-1.3854i	-0.1904-0.0909i	-0.5911-2.4929i	-2.3177-1.2434i	-0.1051+0.0097i	-1.0891-4.2323i
39.8	0.0598-1.4123i	-0.1128+0.3186i	-2.2044-1.2478i	-0.1639-0.0619i	-0.6516-2.4788i	-2.3062-1.0970i	-0.0796+0.0305i	-1.0453-4.2287i
39.9	0.0567-1.4283i	0.1767+0.5459i	-2.1665-1.1041i	-0.1207-0.0516i	-0.6823-2.3412i	-2.2687-0.9524i	-0.0392+0.0361i	-1.0933-4.2919i
40.0	0.0251-1.4529i	0.1404+0.6375i	-2.1422-0.9683i	-0.0845-0.0451i	-0.6172-2.2421i	-2.2481-0.8235i	-0.0076+0.0388i	-1.1972-4.3022i
40.1	-0.0014-1.4801i	0.4378+0.8496i	-2.1097-0.8641i	-0.0498-0.0400i	-0.4560-2.1413i	-2.2232-0.7171i	0.0217+0.0403i	-1.3630-4.3402i
40.2	-0.0437-1.4999i	0.8629+0.7044i	-2.0124-0.8013i	-0.0176-0.0612i	-0.2543-2.1270i	-2.1383-0.6428i	0.0477+0.0145i	-1.5296-4.2734i
40.3	-0.0768-1.4902i	0.9607+0.6042i	-1.9579-0.7770i	0.0047-0.0735i	-0.1186-2.1367i	-2.0901-0.6223i	0.0647+0.0039i	-1.6677-4.1561i
40.4	-0.1134-1.4939i	1.1441+0.7549i	-1.9000-0.7240i	0.0425-0.0939i	-0.0218-2.2339i	-2.0742-0.5733i	0.1013-0.0160i	-1.7849-3.9572i
40.5	-0.1463-1.5087i	1.2745+1.0376i	-1.8726-0.6707i	0.0760-0.1139i	-0.0087-2.2578i	-2.0906-0.5023i	0.1326-0.0398i	-1.7799-3.8800i
40.6	-0.1825-1.5222i	1.4275+1.0144i	-1.8445-0.6362i	0.1028-0.1419i	0.0400-2.2846i	-2.0896-0.4341i	0.1507-0.0673i	-1.8202-3.8269i
40.7	-0.2260-1.5146i	1.4032+1.0920i	-1.7980-0.5807i	0.1129-0.1800i	0.0675-2.2616i	-2.0583-0.3322i	0.1544-0.1074i	-1.7863-3.7304i
40.8	-0.2423-1.5383i	1.7212+1.0312i	-1.7432-0.5447i	0.1174-0.2173i	0.1490-2.3668i	-2.0057-0.2478i	0.1600-0.1429i	-1.7969-3.6293i
40.9	-0.2919-1.5610i	1.9342+0.9128i	-1.7177-0.5422i	0.0986-0.2476i	0.1429-2.4338i	-1.9539-0.1971i	0.1422-0.1733i	-1.7308-3.5542i
41.0	-0.3294-1.5618i	1.9816+0.8994i	-1.6961-0.5215i	0.0755-0.2554i	0.1165-2.3880i	-1.8889-0.1577i	0.1157-0.1814i	-1.6193-3.6079i
41.1	-0.4043-1.5903i	2.0539+0.6879i	-1.6332-0.4950i	0.0822-0.2705i	0.1431-2.2723i	-1.8106-0.1117i	0.1201-0.1924i	-1.6180-3.7466i
41.2	-0.4988-1.5960i	2.4045+0.7727i	-1.6006-0.5003i	0.0847-0.3297i	0.4075-2.3420i	-1.7610-0.0644i	0.1230-0.2454i	-1.8634-3.7996i
41.3	-0.5926-1.5169i	2.4730+0.8942i	-1.5958-0.4940i	0.0408-0.3505i	0.4217-2.5596i	-1.6957-0.0481i	0.0837-0.2685i	-2.0140-3.5676i
41.4	-0.6163-1.4114i	2.4183+0.7959i	-1.5814-0.4812i	-0.0021-0.3345i	0.2231-2.5836i	-1.6328-0.0626i	0.0399-0.2538i	-1.7919-3.3527i
41.5	-0.5958-1.4062i	2.7530+0.7709i	-1.5457-0.4467i	-0.0038-0.3090i	0.2398-2.3650i	-1.5922-0.0480i	0.0354-0.2274i	-1.6702-3.6380i
41.6	-0.5921-1.3837i	3.2621+0.8299i	-1.4918-0.4397i	0.0198-0.2879i	0.3892-2.2175i	-1.5606-0.0701i	0.0584-0.2094i	-1.8607-3.7426i
41.7	-0.5797-1.3519i	3.3506+1.0863i	-1.4627-0.4460i	0.0572-0.2788i	0.6832-2.0249i	-1.5612-0.0873i	0.0936-0.1998i	-2.0446-3.8434i
41.8	-0.6056-1.3177i	3.2675+1.1627i	-1.4415-0.4587i	0.0770-0.3069i	0.9858-2.1912i	-1.5495-0.0921i	0.1089-0.2256i	-2.1775-3.6486i
41.9	-0.5819-1.3255i	3.4455+0.7000i	-1.4079-0.5022i	0.0763-0.3476i	0.9860-2.2970i	-1.5480-0.1087i	0.1047-0.2667i	-1.8262-3.4620i
42.0	-0.6249-1.3280i	3.5316+0.8483i	-1.4449-0.5318i	0.0673-0.3707i	1.2421-2.4778i	-1.5808-0.0808i	0.0934-0.2864i	-1.9677-3.8186i
42.1	-0.6400-1.2956i	3.7639+0.9706i	-1.4615-0.5237i	0.0624-0.3758i	1.2594-2.5519i	-1.5973-0.0425i	0.0904-0.2853i	-2.1449-3.9581i
42.2	-0.6824-1.2791i	3.9177+0.9214i	-1.4580-0.5378i	0.0946-0.3575i	1.4660-2.3787i	-1.5970-0.0009i	0.1208-0.2676i	-2.5188-4.1604i
42.3	-0.6708-1.2312i	4.3314+0.7816i	-1.4986-0.5508i	0.1592-0.4275i	1.9587-2.6768i	-1.5966+0.0609i	0.1822-0.3351i	-2.9188-3.8803i
42.4	-0.6122-1.2329i	4.1738+0.8237i	-1.5590-0.5315i	0.1200-0.5796i	1.9594-3.1762i	-1.5733+0.1323i	0.1490-0.4833i	-2.8415-3.6796i
42.5	-0.6299-1.2571i	4.5289+0.9945i	-1.5952-0.4780i	0.0076-0.5764i	1.9317-3.2724i	-1.5325+0.1499i	0.0434-0.4776i	-3.0558-3.7745i
42.6	-0.6122-1.1998i	5.0787+0.6956i	-1.6264-0.4350i	-0.0283-0.5860i	2.1794-3.7208i	-1.5194+0.1812i	0.0085-0.4834i	-3.3746-3.4593i
42.7	-0.5249-1.2749i	5.6188+0.7525i	-1.6110-0.3657i	-0.0939-0.5597i	1.7887-3.8313i	-1.4739+0.1879i	-0.0505-0.4634i	-3.5500-3.3360i
42.8	-0.5593-1.3667i	5.6270+0.8315i	-1.5579-0.3377i	-0.0442-0.4871i	1.9441-3.4041i	-1.5032+0.1798i	-0.0060-0.4003i	-3.7067-3.0876i
42.9	-0.6024-1.3714i	5.8820+0.7683i	-1.5871-0.3352i	-0.0580-0.5157i	2.4230-3.9731i	-1.5147+0.2728i	-0.0335-0.4212i	-3.5577-2.7042i
43.0	-0.5646-1.3792i	6.3224+0.8730i	-1.6169-0.2608i	-0.0764-0.4726i	2.3228-4.5807i	-1.4579+0.3697i	-0.0567-0.3722i	-3.4157-2.5819i
43.1	-0.5230-1.4993i	6.8532+1.1563i	-1.5824-0.1650i	-0.0012-0.4318i	2.2286-4.6770i	-1.3548+0.4231i	0.0229-0.3338i	-3.2886-2.6351i
43.2	-0.6628-1.6239i	7.0118+1.1616i	-1.5089-0.1305i	0.0674-0.4719i	2.5114-4.7729i	-1.2757+0.3774i	0.0927-0.3707i	-3.6688-2.8225i
43.3	-0.7380-1.5786i	7.0719+1.1069i	-1.4657-0.1469i	0.0406-0.5578i	2.3177-5.2827i	-1.2608+0.3206i	0.0675-0.4590i	-3.7157-2.2808i
43.4	-0.7547-1.6147i	7.5530+0.7308i	-1.4490-0.1730i	0.0202-0.5757i	1.9544-5.1849i	-1.3003+0.3103i	0.0401-0.4803i	-3.2487-2.1350i

43.5	-0.8085-1.6449i	7.3085+0.8206i	-1.4702-0.1508i	0.0435-0.5965i	2.1481-5.0716i	-1.3294+0.3502i	0.0570-0.4990i	-3.0305-2.3136i
43.6	-0.9266-1.7598i	7.8269+0.4199i	-1.4640-0.1050i	0.0344-0.7111i	2.4949-5.6196i	-1.3039+0.4707i	0.0436-0.5994i	-3.1914-2.4284i
43.7	-1.1232-1.7767i	8.8064+0.3297i	-1.4013-0.0308i	-0.0666-0.7271i	2.5616-6.3888i	-1.1642+0.5244i	-0.0532-0.6027i	-3.5468-2.5044i
43.8	-1.2145-1.7174i	8.8249+1.1042i	-1.3198+0.0039i	-0.0089-0.6516i	2.3483-6.7794i	-1.1511+0.4695i	0.0086-0.5238i	-3.9186-2.4663i
43.9	-1.2949-1.7323i	9.5674+0.5743i	-1.2127-0.0413i	0.0536-0.7347i	1.7621-7.3785i	-1.1530+0.4693i	0.0749-0.6037i	-3.9552-1.8903i
44.0	-1.5352-1.7261i	10.6127+0.1532i	-1.1617-0.1558i	0.0964-0.9086i	1.5368-7.6352i	-1.1443+0.5348i	0.1165-0.7697i	-4.1903-1.5445i
44.1	-1.5804-1.5223i	11.2321-0.9070i	-1.2164-0.2301i	-0.0256-1.0770i	1.1481-8.0325i	-1.0842+0.5743i	0.0012-0.9325i	-3.7995-0.9456i
44.2	-1.5933-1.6052i	11.8868-0.8513i	-1.2375-0.2346i	-0.1195-1.2462i	0.6669-8.6132i	-1.0802+0.6828i	-0.0880-1.0912i	-3.5418-0.8621i
44.3	-1.8122-1.5295i	11.5901-0.5428i	-1.2908-0.2068i	-0.4376-1.1778i	-0.5437-8.0600i	-0.8951+0.7177i	-0.3907-1.0307i	-2.9141-1.2317i
44.4	-1.9044-1.2488i	11.5921-0.6723i	-1.3100-0.1318i	-0.5781-0.8925i	-0.3831-6.9345i	-0.7384+0.5426i	-0.5279-0.7569i	-3.0403-2.0496i
44.5	-1.8726-1.0842i	13.3268-1.0221i	-1.2534-0.0961i	-0.4877-0.8460i	0.1389-7.3985i	-0.7885+0.4645i	-0.4377-0.7059i	-3.9417-1.7413i
44.6	-1.9271-0.9318i	14.5318-1.5443i	-1.2278-0.0656i	-0.6027-0.8794i	-0.4468-7.6604i	-0.7772+0.5014i	-0.5446-0.7376i	-4.0954-1.1310i
44.7	-1.7904-0.8142i	16.8048-3.7034i	-1.1233-0.0401i	-0.5438-0.6395i	-0.0462-7.4813i	-0.7584+0.4663i	-0.4851-0.5101i	-4.3201-0.8024i
44.8	-1.5668-0.8182i	16.5982-3.7308i	-1.0116-0.0285i	-0.2560-0.5650i	0.1688-7.5179i	-0.8312+0.4096i	-0.2036-0.4360i	-4.4039-0.6156i
44.9	-1.5894-1.0282i	15.9540-4.3910i	-0.9055-0.1298i	-0.1072-0.6831i	0.3765-7.3472i	-0.9124+0.4412i	-0.0675-0.5486i	-4.2047-0.5363i
45.0	-1.7742-0.9006i	17.1874-6.5371i	-0.8741-0.3353i	-0.0387-0.9444i	0.8797-8.9872i	-0.8632+0.5836i	-0.0024-0.7913i	-4.4437+0.3496i
45.1	-1.7560-0.9135i	18.2940-7.3385i	-0.9198-0.5102i	0.1124-1.1917i	0.2346-10.0738i	-0.8349+0.6473i	0.1507-1.0226i	-4.3298+0.7405i
45.2	-1.8782-0.9499i	18.3793-7.9876i	-1.0660-0.5218i	0.0154-1.5302i	-0.2565-10.4009i	-0.8113+0.7117i	0.0598-1.3506i	-4.3657+0.9505i
45.3	-1.9751-0.8465i	18.3256-7.5707i	-1.1603-0.4918i	-0.3613-1.7242i	-1.3187-10.7513i	-0.7216+0.7575i	-0.2962-1.5404i	-4.0838+1.2039i
45.4	-1.9619-0.7076i	17.4310-7.9549i	-1.2209-0.3327i	-0.6607-1.4381i	-2.1996-9.9663i	-0.6695+0.6960i	-0.5778-1.2666i	-3.9759+1.2357i
45.5	-2.0609-0.6062i	17.3302-11.6097i	-1.1842-0.4421i	-0.8153-1.5989i	-2.8333-10.3721i	-0.5689+0.7680i	-0.7190-1.4310i	-3.1402+2.8129i
45.6	-2.1159-0.5241i	18.4237-13.2666i	-1.2391-0.4923i	-1.1653-1.5150i	-3.1679-10.0998i	-0.3826+0.7727i	-1.0638-1.3524i	-2.0133+2.3982i
45.7	-2.2466-0.3277i	16.8108-20.5101i	-1.3223-0.5979i	-1.4609-1.4214i	-4.1165-10.6938i	-0.1613+0.7123i	-1.3424-1.2674i	-1.4045+3.3195i
45.8	-2.2271-0.1932i	17.3482-19.6768i	-1.3169-0.7099i	-1.3672-1.6956i	-4.5809-11.2837i	-0.1668+0.8272i	-1.2482-1.5363i	-1.1351+4.2032i
45.9	-2.1876-0.0582i	19.3547-17.7525i	-1.3994-0.7263i	-1.4818-2.0038i	-5.3739-11.5002i	-0.0945+0.9751i	-1.3560-1.8332i	-0.5662+4.4011i
46.0	-2.0489+0.1379i	20.7340-21.9838i	-1.5717-0.7131i	-2.2141-1.9984i	-6.8229-10.7223i	0.2631+0.9160i	-2.0569-1.8447i	0.9754+4.4010i
46.1	-1.7651+0.2437i	16.2983-23.7607i	-1.6895-0.4507i	-2.7297-1.0328i	-6.9678-8.6009i	0.4308+0.4713i	-2.5831-0.9135i	2.1281+2.2173i
46.2	-1.6328+0.1351i	14.3117-26.8820i	-1.6639-0.3720i	-2.6190-0.3242i	-6.5137-8.5477i	0.3915+0.2114i	-2.4831-0.2144i	2.0654+1.6514i
46.3	-1.5973+0.0585i	14.4742-25.6944i	-1.5214-0.4374i	-2.0423-0.2585i	-6.5833-9.3691i	0.2730+0.2813i	-1.9119-0.1447i	1.8239+2.3501i
46.4	-1.5290-0.1159i	15.0913-27.4010i	-1.6752-0.4718i	-2.1167-0.3282i	-8.2777-7.9050i	0.5482+0.1703i	-1.9954-0.2330i	4.0731+1.1044i
46.5	-1.8661-0.2837i	9.9409-32.1847i	-1.7900-0.3177i	-1.9870+0.1608i	-7.4727-5.9006i	0.4652-0.3789i	-1.8942+0.2498i	3.5430-2.0458i
46.6	-2.1825-0.1078i	7.5955-34.1048i	-1.7626-0.3028i	-1.6979-0.0257i	-6.3131-6.6261i	0.2021-0.3954i	-1.6032+0.0869i	1.6354-1.5477i
46.7	-2.2779+0.1774i	6.2212-34.9777i	-1.7523-0.3808i	-1.7478-0.4039i	-6.2194-7.7452i	0.1416-0.2064i	-1.6355-0.2868i	1.3723+0.1727i
46.8	-2.1268+0.6441i	-0.7200-33.6528i	-1.8874-0.2531i	-2.0805-0.2287i	-7.5614-7.6806i	0.2255-0.2619i	-1.9592-0.1300i	3.1664-0.0444i
46.9	-1.8584+0.9005i	-5.2941-31.0326i	-1.9617-0.0770i	-2.2696+0.1847i	-8.5556-6.5906i	0.3123-0.4724i	-2.1614+0.2648i	4.5534-1.7417i
47.0	-1.7015+0.7266i	-3.5160-29.7485i	-1.8312-0.0091i	-1.8755+0.4072i	-7.3223-5.7486i	0.1775-0.6911i	-1.7953+0.4944i	3.3401-3.4003i
47.1	-1.8483+0.8276i	-6.8533-29.9304i	-1.7802-0.0160i	-1.5793+0.1944i	-6.4003-6.7262i	-0.1605-0.7521i	-1.5122+0.3168i	1.4498-3.5715i
47.2	-1.8272+1.3112i	-9.7937-29.8620i	-1.8995-0.0743i	-1.9449-0.1354i	-7.8073-8.7976i	-0.2774-0.5506i	-1.8413+0.0128i	1.0177-2.0698i
47.3	-1.4672+1.3794i	-8.5271-28.5473i	-1.9259-0.0948i	-2.1888-0.1410i	-9.6265-9.0579i	-0.1942-0.3885i	-2.0479-0.0037i	1.6325-0.9335i
47.4	-1.0807+1.3623i	-8.0159-26.0507i	-1.9737-0.0311i	-2.3584+0.0418i	-11.2879-7.9580i	-0.1254-0.3191i	-2.1986+0.1558i	2.4747-0.8138i
47.5	-0.6904+1.1436i	-8.1343-21.7936i	-1.8900+0.1951i	-2.1904+0.5440i	-11.4677-5.2509i	-0.1092-0.4155i	-2.0517+0.6263i	2.9111-2.3475i
47.6	-0.5527+1.0175i	-12.8686-21.1662i	-1.9752+0.5130i	-2.1639+1.2596i	-11.9381-1.5194i	-0.0694-0.7240i	-2.0812+1.3130i	3.9222-5.6672i
47.7	-0.5807+0.9149i	-12.6733-19.4746i	-1.7626+0.6023i	-1.6493+1.2875i	-9.2419-0.6835i	-0.2764-0.7559i	-1.5811+1.3791i	1.4279-6.2785i
47.8	-0.5301+0.9133i	-14.5383-18.4344i	-1.5462+0.6578i	-1.3349+1.1081i	-7.2273-1.5501i	-0.4178-0.6836i	-1.2601+1.2291i	-0.3896-5.0430i
47.9	-0.4138+0.8954i	-15.1296-17.4755i	-1.4656+0.5609i	-1.4237+1.0558i	-7.4259-2.1208i	-0.3419-0.6845i	-1.3453+1.1658i	0.3405-4.5328i
48.0	-0.3828+0.7958i	-15.5218-17.5963i	-1.4808+0.5234i	-1.3089+1.1202i	-6.9877-2.2647i	-0.4385-0.8224i	-1.2373+1.2440i	-0.3630-5.1522i
48.1	-0.3590+0.7302i	-14.0459-16.1072i	-1.4123+0.4344i	-1.3334+0.8435i	-7.0836-3.4433i	-0.4945-0.6418i	-1.2344+0.9651i	-0.6875-3.6270i
48.2	-0.2686+0.6285i	-12.6231-15.0284i	-1.4195+0.3918i	-1.4900+0.9201i	-7.9422-3.3624i	-0.3852-0.6215i	-1.3951+1.0291i	0.4208-3.6368i
48.3	-0.2769+0.5264i	-13.3826-14.1153i	-1.3921+0.4414i	-1.3259+1.1704i	-8.0776-2.6107i	-0.4979-0.7092i	-1.2378+1.2933i	-0.0555-4.4752i
48.4	-0.3454+0.4595i	-13.3407-15.3876i	-1.3505+0.3740i	-1.1400+1.2129i	-7.8222-2.5025i	-0.5062-0.6942i	-1.0492+1.3366i	-0.5484-4.0421i
48.5	-0.3284+0.3977i	-12.3465-12.9215i	-1.3144+0.3429i	-0.9115+0.9990i	-7.5048-2.2581i	-0.5295-0.6256i	-0.8139+1.1324i	-0.7049-3.9676i
48.6	-0.3382+0.4560i	-13.2806-12.4521i	-1.3820+0.3865i	-1.0591+0.9961i	-7.5583-1.8349i	-0.5101-0.6920i	-0.9593+1.1290i	-0.6818-4.3496i
48.7	-0.2548+0.4364i	-13.1680-12.6065i	-1.3644+0.4787i	-1.1007+1.2700i	-7.4473-1.5789i	-0.5356-0.7855i	-0.9960+1.4028i	-1.0018-4.3199i
48.8	-0.2769+0.3285i	-12.6029-12.2609i	-1.2033+0.4378i	-0.7221+1.1447i	-6.6395-1.9614i	-0.6784-0.7366i	-0.6022+1.2800i	-1.6434-3.5896i
48.9	-0.3086+0.3023i	-12.1157-11.4126i	-1.1420+0.3221i	-0.6458+0.8749i	-6.5951-2.4304i	-0.7227-0.6289i	-0.5183+1.0036i	-1.6300-2.8648i
49.0	-0.2922+0.3394i	-11.6605-10.0263i	-1.1522+0.2225i	-0.7170+0.7085i	-6.7472-2.6163i	-0.7009-0.5412i	-0.5872+0.8231i	-1.2496-2.3616i
49.1	-0.2885+0.4183i	-11.7764-10.2209i	-1.2279+0.1400i	-0.8522+0.5196i	-7.0341-3.3659i	-0.6698-0.4803i	-0.7256+0.6312i	-0.4683-1.7257i
49.2	-0.1966+0.4156i	-11.7986-9.3257i	-1.3273+0.1541i	-1.0923+0.5906i	-8.1450-3.0803i	-0.5855-0.4927i	-0.9797+0.6977i	0.6675-2.3623i
49.3	-0.1071+0.3444i	-11.2809-8.4410i	-1.4163+0.2352i	-1.2025+0.8553i	-8.5871-1.5322i	-0.5453-0.6221i	-1.0991+0.9714i	0.8735-3.9000i
49.4	-0.1147+0.3048i	-10.7248-8.8205i	-1.4173+0.2730i	-1.1252+0.9511i	-7.9866-0.9079i	-0.6012-0.6957i	-1.0129+1.0741i	0.1534-4.3265i
49.5	-0.1280+0.2210i	-9.7662-9.3078i	-1.3358+0.2243i	-1.1282+0.8665i	-7.5463-1.3508i	-0.6175-0.6382i	-1.0036+0.9749i	-0.2562-3.4451i
49.6	-0.1505+0.1927i	-8.6765-8.7727i	-1.3485+0.1086i	-1.1525+0.7702i	-7.4376-1.5878i	-0.5863-0.6011i	-1.0360+0.8749i	0.0921-3.2380i
49.7	-0.0933+0.2507i	-8.9296-8.6161i	-1.4743+0.1521i	-1.2140+0.9087i	-7.3678-1.1983i	-0.5917-0.6844i	-1.1041+1.0259i	0.2390-3.9492i

49.8	0.0767+0.2434i	-9.0911-8.1911i	-1.5007+0.3268i	-1.0749+1.1899i	-6.8827-0.5955i	-0.6782-0.7926i	-0.9647+1.3187i	-0.4544-4.7506i
49.9	0.1416+0.0996i	-8.9118-7.5192i	-1.3788+0.3684i	-0.8481+1.0656i	-6.2816-1.1599i	-0.8104-0.7237i	-0.7265+1.1919i	-1.2431-4.1358i
50.0	0.1223+0.0451i	-8.5582-7.7902i	-1.4273+0.2464i	-1.1022+0.9398i	-7.2369-1.8455i	-0.7437-0.6419i	-0.9843+1.0517i	-0.2202-3.2501i
50.1	0.1434-0.0173i	-8.1588-8.1241i	-1.5049+0.2854i	-1.1682+1.1033i	-7.6120-1.2618i	-0.7187-0.7044i	-1.0555+1.2198i	0.1516-3.8043i
50.2	0.1410-0.1486i	-7.5096-7.6783i	-1.4371+0.3485i	-1.0210+1.1560i	-7.0956-0.7966i	-0.7737-0.7013i	-0.8959+1.2743i	-0.4407-4.1523i
50.3	0.1122-0.2238i	-7.8703-7.3722i	-1.3117+0.4101i	-0.7946+1.1594i	-6.1869-0.8337i	-0.8740-0.6392i	-0.6747+1.2802i	-0.9699-3.9616i
50.4	0.0378-0.2074i	-8.2788-6.4832i	-1.2800+0.3046i	-0.7481+0.9796i	-5.9061-1.3422i	-0.8884-0.5609i	-0.6409+1.1016i	-0.5862-3.6140i
50.5	0.0860-0.1200i	-8.1637-6.3947i	-1.4125+0.3067i	-0.9967+1.0810i	-6.3489-1.3811i	-0.7930-0.6078i	-0.9014+1.2100i	0.0994-4.1880i
50.6	0.1361-0.1845i	-8.0964-7.4417i	-1.4606+0.3906i	-0.9553+1.3242i	-6.5434-1.4079i	-0.8434-0.6838i	-0.8565+1.4652i	0.0207-4.5845i
50.7	0.1157-0.2583i	-7.6717-7.9292i	-1.4878+0.3586i	-0.8678+1.1950i	-6.9788-1.9394i	-0.8951-0.5952i	-0.7533+1.3364i	0.0720-4.0930i
50.8	0.1096-0.3211i	-7.4536-7.5968i	-1.5287+0.3709i	-0.9012+1.1227i	-7.2483-1.6529i	-0.8666-0.5587i	-0.7862+1.2672i	0.2905-4.5345i
50.9	0.0892-0.3344i	-7.3358-8.5468i	-1.6544+0.4086i	-1.0530+1.1024i	-7.6677-1.7486i	-0.8373-0.5574i	-0.9389+1.2507i	0.5673-4.6622i
51.0	0.0949-0.3888i	-7.5444-8.3811i	-1.6236+0.4594i	-1.0954+1.0734i	-7.9142-1.8586i	-0.8283-0.5128i	-0.9773+1.2228i	0.4604-4.5160i
51.1	0.1329-0.5403i	-6.9923-6.6412i	-1.5128+0.5278i	-1.0601+1.2216i	-8.0115-1.0447i	-0.7912-0.5169i	-0.9299+1.3832i	0.1317-5.2817i
51.2	0.0003-0.6457i	-6.5847-7.2804i	-1.4410+0.6063i	-0.9049+1.3549i	-7.2331-0.3124i	-0.8357-0.5683i	-0.7635+1.5191i	-0.6772-5.7681i
51.3	-0.0734-0.6172i	-7.0119-6.9556i	-1.3634+0.5914i	-0.8245+1.2733i	-6.6801-0.6519i	-0.8544-0.5276i	-0.6810+1.4268i	-1.0325-5.3979i
51.4	-0.0575-0.6307i	-7.1560-7.0325i	-1.3535+0.5947i	-0.8770+1.2213i	-6.8239-1.1533i	-0.8270-0.5013i	-0.7282+1.3750i	-1.0107-5.1856i
51.5	-0.0918-0.6538i	-6.8523-6.5845i	-1.3866+0.5293i	-1.1424+1.1319i	-7.8062-1.6067i	-0.7136-0.4271i	-0.9910+1.2834i	-0.3229-4.7458i
51.6	-0.0882-0.6656i	-6.2853-6.8366i	-1.5324+0.6776i	-1.4166+1.6702i	-8.8463-0.0438i	-0.5941-0.5974i	-1.2627+1.8286i	0.5072-6.2289i
51.7	-0.1436-0.6907i	-6.0885-7.0318i	-1.4117+0.7737i	-1.0412+1.9031i	-7.9539+0.4399i	-0.6964-0.6613i	-0.8825+2.0649i	-0.6237-6.6681i
51.8	-0.1587-0.7016i	-6.0208-6.6267i	-1.3006+0.7569i	-0.7808+1.7605i	-7.4911+0.0754i	-0.7479-0.5879i	-0.6191+1.9167i	-1.2100-6.1691i
51.9	-0.1777-0.7505i	-6.2664-6.4566i	-1.2952+0.7103i	-0.8465+1.7686i	-8.0171+0.4057i	-0.6537-0.6552i	-0.6873+1.9240i	-0.5992-6.4261i
52.0	-0.1767-0.7556i	-5.9280-6.6983i	-1.3492+0.8042i	-0.8715+2.0244i	-7.9571+1.5805i	-0.6658-0.7913i	-0.7001+2.1848i	-0.9013-7.7040i
52.1	-0.2149-0.7973i	-5.2575-6.9035i	-1.2839+0.7991i	-0.7166+1.9569i	-7.3165+1.3652i	-0.7349-0.7512i	-0.5361+2.1160i	-1.7468-7.2911i
52.2	-0.2481-0.8128i	-5.2194-7.3411i	-1.2287+0.8267i	-0.6388+1.9738i	-6.9533+1.2772i	-0.7392-0.7343i	-0.4545+2.1305i	-2.1509-7.0346i
52.3	-0.2172-0.8655i	-5.5085-7.3462i	-1.0914+0.8297i	-0.4605+1.9969i	-6.4102+1.1005i	-0.7314-0.7802i	-0.2729+2.1395i	-2.5157-6.6117i
52.4	-0.2800-0.8712i	-4.9443-7.1428i	-1.2021+0.6552i	-0.7105+1.7916i	-7.3334+0.4562i	-0.6533-0.7694i	-0.5330+1.9323i	-1.0891-6.1399i
52.5	-0.2947-0.9624i	-4.8543-7.2662i	-1.2286+0.7395i	-0.6476+2.0409i	-7.2133+1.3201i	-0.6888-0.8916i	-0.4695+2.1991i	-1.5151-7.4365i
52.6	-0.4165-1.0668i	-5.0480-7.2475i	-1.0877+0.7602i	-0.2985+1.9795i	-6.1283+1.2188i	-0.8198-0.8767i	-0.1067+2.1425i	-2.9864-7.3819i
52.7	-0.5268-1.0051i	-5.2825-7.1889i	-1.0909+0.6805i	-0.4342+1.7687i	-6.3816+0.4089i	-0.7879-0.7887i	-0.2435+1.9281i	-2.7353-6.6081i
52.8	-0.5383-0.8840i	-5.0215-7.1133i	-1.2373+0.7725i	-0.7827+2.1797i	-7.4002+1.3357i	-0.6203-0.9318i	-0.5922+2.3419i	-1.8848-7.7353i
52.9	-0.5183-0.8391i	-5.1409-7.6524i	-1.1981+0.9140i	-0.5965+2.5583i	-6.8683+2.2672i	-0.6568-1.1167i	-0.3964+2.7205i	-2.6708-8.6697i
53.0	-0.4185-0.8846i	-5.2175-7.2990i	-1.0450+0.9127i	-0.2208+2.5546i	-6.0378+1.9519i	-0.8021-1.1778i	-0.0105+2.7145i	-3.8469-8.3466i
53.1	-0.3745-1.0089i	-5.1912-7.7340i	-0.9776+0.9649i	-0.0280+2.7189i	-5.8966+2.0875i	-0.9090-1.2866i	0.1947+2.8754i	-4.3937-8.4655i
53.2	-0.4521-1.1509i	-5.2184-7.5394i	-0.8656+0.9134i	0.2699+2.6418i	-5.4491+1.9198i	-1.0565-1.2748i	0.4950+2.7961i	-5.0897-8.0760i
53.3	-0.6870-1.1762i	-4.8996-7.0910i	-0.7807+0.7371i	0.5411+2.2631i	-5.1637+1.1155i	-1.1976-1.1278i	0.7697+2.4151i	-5.4872-6.9318i
53.4	-0.8117-1.0589i	-5.1209-6.7272i	-0.7906+0.6204i	0.5938+1.9792i	-5.2732+0.6372i	-1.2264-1.0242i	0.8285+2.1239i	-5.4212-6.2241i
53.5	-0.7609-0.9316i	-4.6314-6.4736i	-0.8918+0.5749i	0.4235+1.8010i	-5.6281+0.3833i	-1.1882-0.9896i	0.6636+1.9350i	-4.9920-5.8300i
53.6	-0.7010-0.9835i	-4.0971-6.5463i	-0.9272+0.5728i	0.3071+1.7763i	-5.8327+0.2067i	-1.2144-0.9854i	0.5440+1.9037i	-4.6519-5.6298i
53.7	-0.7455-1.0477i	-3.8918-6.6636i	-0.9786+0.5842i	0.2029+1.8753i	-6.4439+0.2419i	-1.1942-0.9550i	0.4392+2.0056i	-4.2434-5.9142i
53.8	-0.8549-1.0276i	-3.2241-6.7436i	-1.1073+0.6616i	-0.0423+2.0117i	-7.5188+0.9617i	-1.0543-0.9594i	0.2050+2.1419i	-3.6283-6.4622i
53.9	-0.8255-1.0311i	-3.1000-6.8553i	-1.0786+0.7817i	0.0383+2.2977i	-7.0993+1.8893i	-1.0736-1.0820i	0.2858+2.4211i	-4.0026-7.1449i
54.0	-0.8750-1.1764i	-3.2825-6.7304i	-0.9158+0.7696i	0.4264+2.3009i	-6.0896+1.9346i	-1.2102-1.0959i	0.6712+2.4219i	-4.9453-7.1436i
54.1	-1.0970-1.1440i	-3.1656-6.7567i	-0.8615+0.6581i	0.5453+2.0349i	-5.7963+1.3610i	-1.2333-1.0105i	0.7910+2.1549i	-5.3405-6.5089i
54.2	-1.2158-0.8074i	-2.9304-6.7366i	-1.0356+0.6060i	0.0920+1.9409i	-6.9754+1.0763i	-0.9920-1.0182i	0.3448+2.0586i	-4.2750-6.2165i
54.3	-0.9624-0.7232i	-2.5120-7.1630i	-1.0674+0.8080i	0.0768+2.4883i	-7.0839+2.5606i	-1.0341-1.3196i	0.3345+2.6026i	-4.5331-7.4346i
54.4	-0.8825-0.8219i	-2.3346-7.4276i	-0.9749+0.8495i	0.3541+2.5928i	-6.4438+2.8459i	-1.1924-1.3726i	0.6134+2.6962i	-5.1853-7.4177i
54.5	-0.8891-0.9258i	-2.4478-7.5087i	-0.8559+0.8351i	0.6552+2.5391i	-5.8041+2.6554i	-1.3329-1.3460i	0.9072+2.6434i	-5.7856-7.1167i
54.6	-0.9439-1.0423i	-2.2200-7.3953i	-0.7280+0.7900i	1.0254+2.4516i	-5.0064+2.2162i	-1.5329-1.3002i	1.2688+2.5462i	-6.3112-6.6552i
54.7	-1.0746-0.9972i	-1.6724-7.2289i	-0.7756+0.7081i	0.9072+2.2631i	-5.6118+1.7761i	-1.4709-1.2132i	1.1483+2.3528i	-5.5880-6.1801i
54.8	-1.0663-0.9234i	-1.2432-7.5987i	-0.8536+0.8212i	0.7127+2.5468i	-6.3392+2.9995i	-1.3765-1.3580i	0.9582+2.6378i	-5.1673-7.2531i
54.9	-1.0676-0.9522i	-1.2638-7.9171i	-0.7732+0.9101i	0.9303+2.7430i	-5.7114+3.7672i	-1.4929-1.4567i	1.1822+2.8316i	-5.9235-7.7878i
55.0	-1.1081-1.0024i	-1.0498-7.7936i	-0.6175+0.8518i	1.3411+2.6219i	-4.5052+3.4508i	-1.7009-1.4154i	1.5867+2.7054i	-6.8858-7.3328i
55.1	-1.1556-1.0012i	-0.7859-7.8313i	-0.5733+0.7407i	1.4641+2.4060i	-4.2281+2.8707i	-1.7659-1.3402i	1.7051+2.4894i	-7.0605-6.8793i
55.2	-1.2074-1.0485i	-0.5448-8.1065i	-0.5270+0.6607i	1.6433+2.2557i	-3.9741+2.4567i	-1.8688-1.2814i	1.8892+2.3442i	-7.5502-6.6847i
55.3	-1.3366-1.0763i	-0.2113-8.4281i	-0.5101+0.5971i	1.7471+2.0655i	-3.7889+2.0623i	-1.9278-1.1830i	1.9934+2.1559i	-7.7948-6.2522i
55.4	-1.4375-0.9676i	0.1671-8.2330i	-0.5666+0.4985i	1.6232+1.8427i	-4.0424+1.5820i	-1.8902-1.0997i	1.8718+1.9287i	-7.5118-5.7130i
55.5	-1.3562-0.6973i	0.6573-8.3607i	-0.7290+0.5559i	1.2119+2.0386i	-5.0482+2.0173i	-1.7159-1.1717i	1.4683+2.1203i	-6.6775-5.9303i
55.6	-1.2283-0.7857i	0.8582-8.9728i	-0.6230+0.6225i	1.5335+2.2230i	-4.4264+2.4589i	-1.8329-1.2586i	1.7886+2.3019i	-7.3403-6.3242i
55.7	-1.2479-0.8655i	1.1038-9.2574i	-0.5373+0.5738i	1.8145+2.0852i	-3.8321+2.1435i	-1.9654-1.2172i	2.0656+2.1637i	-7.8645-5.9964i
55.8	-1.2840-0.8902i	1.1714-9.8864i	-0.5082+0.5492i	1.9091+1.9833i	-3.7124+1.9470i	-2.0105-1.1867i	2.1603+2.0660i	-7.9841-5.7684i
55.9	-1.3390-0.9224i	2.3262-9.4314i	-0.5718+0.4608i	1.8331+1.7932i	-3.9921+1.4879i	-2.0181-1.1279i	2.0820+1.8772i	-7.7412-5.3732i
56.0	-1.3889-0.8634i	2.7677-9.6378i	-0.6366+0.4079i	1.6275+1.6735i	-4.5915+1.2415i	-1.9350-1.0853i	1.8784+1.7527i	-7.2666-5.1130i

56.1	-1.2697-0.8491i	3.0818-10.2227i	-0.6642+0.5859i	1.5657+2.1816i	-4.8405+2.5956i	-1.9072-1.2911i	1.8175+2.2538i	-7.0698-6.3342i
56.2	-1.3079-0.9483i	3.4537-10.7298i	-0.5852+0.5784i	1.8558+2.1924i	-4.1701+2.5996i	-2.0460-1.3246i	2.1065+2.2680i	-7.6970-6.3401i
56.3	-1.4178-1.0171i	4.0456-10.9077i	-0.5396+0.5050i	2.0407+2.0435i	-3.7960+2.2663i	-2.1427-1.2968i	2.2868+2.1162i	-8.0841-6.0137i
56.4	-1.5422-1.0292i	4.2414-11.5203i	-0.5216+0.4537i	2.1214+1.8947i	-3.7666+1.9011i	-2.1945-1.2286i	2.3767+1.9734i	-8.3604-5.7523i
56.5	-1.6099-0.9993i	4.6571-12.4823i	-0.5264+0.4030i	2.1650+1.7857i	-3.7789+1.6790i	-2.2403-1.2098i	2.4228+1.8660i	-8.4413-5.4909i
56.6	-1.6548-0.9509i	5.1600-12.8255i	-0.5130+0.3759i	2.2432+1.7425i	-3.7234+1.6721i	-2.2951-1.2237i	2.4990+1.8176i	-8.4918-5.3715i
56.7	-1.7055-0.9110i	5.2438-12.9795i	-0.5061+0.3442i	2.2928+1.6769i	-3.6926+1.5705i	-2.3363-1.2024i	2.5471+1.7475i	-8.5297-5.1850i
56.8	-1.7371-0.9209i	5.7274-13.5208i	-0.4904+0.3154i	2.3496+1.6460i	-3.6715+1.4658i	-2.3693-1.2066i	2.6008+1.7216i	-8.5446-5.1706i
56.9	-1.8127-0.8813i	6.5244-14.7506i	-0.4725+0.2851i	2.4878+1.5433i	-3.5960+1.3057i	-2.4656-1.1776i	2.7319+1.6258i	-8.6611-5.0538i
57.0	-1.9022-0.8257i	6.9631-15.4561i	-0.5015+0.2193i	2.4617+1.4136i	-3.8286+1.0498i	-2.4813-1.1604i	2.7067+1.4960i	-8.4811-4.8286i
57.1	-1.9748-0.6919i	7.5284-16.8532i	-0.6090+0.1457i	2.2311+1.2698i	-4.6971+0.8686i	-2.4330-1.1333i	2.4851+1.3473i	-8.0098-4.6553i
57.2	-1.9112-0.5890i	7.9255-17.7507i	-0.7061+0.2160i	1.9949+1.4992i	-5.3596+1.7703i	-2.3736-1.2166i	2.2490+1.5743i	-7.5045-5.2401i
57.3	-1.9023-0.6709i	8.3988-19.1422i	-0.5266+0.3103i	2.6093+1.7676i	-3.6924+2.6541i	-2.6571-1.3203i	2.8510+1.8473i	-8.7012-5.9411i
57.4	-1.9315-0.6897i	8.6219-20.4355i	-0.4778+0.2742i	2.8471+1.7032i	-3.0474+2.5057i	-2.7939-1.3152i	3.0913+1.7779i	-9.2090-5.8291i
57.5	-2.0045-0.6019i	9.2335-21.1068i	-0.4999+0.2176i	2.9084+1.5599i	-2.9216+2.1481i	-2.8658-1.2776i	3.1516+1.6348i	-9.3422-5.6268i
57.6	-2.0574-0.4966i	8.7976-22.3611i	-0.5328+0.1646i	2.9473+1.4266i	-2.8904+1.9013i	-2.9377-1.2274i	3.1852+1.5032i	-9.3494-5.3716i
57.7	-2.0394-0.4689i	8.5250-24.0141i	-0.5399+0.1379i	2.9548+1.3368i	-2.9219+1.6699i	-2.9611-1.1920i	3.1967+1.4178i	-9.4102-5.2509i
57.8	-1.9784-0.3616i	8.9819-25.4518i	-0.5346+0.1739i	3.0496+1.3693i	-2.7845+1.7568i	-3.0416-1.1993i	3.2807+1.4517i	-9.4513-5.3340i
57.9	-1.9609-0.3548i	9.0921-27.1238i	-0.5040+0.1542i	3.1744+1.3280i	-2.6434+1.6297i	-3.1234-1.1807i	3.4021+1.4180i	-9.6192-5.4062i
58.0	-2.0548-0.4099i	8.6321-28.4025i	-0.5168+0.0873i	3.2726+1.2487i	-2.5490+1.4173i	-3.2306-1.1699i	3.5022+1.3485i	-9.6981-5.4398i
58.1	-2.0633-0.3152i	8.4043-30.1177i	-0.5073+0.0550i	3.3550+1.1559i	-2.4783+1.3116i	-3.2874-1.1281i	3.5856+1.2521i	-9.8098-5.3133i
58.2	-2.0209-0.2816i	7.8798-31.8624i	-0.4645+0.0396i	3.5163+1.1086i	-2.3348+1.2367i	-3.3963-1.1130i	3.7438+1.2127i	-9.9607-5.2779i
58.3	-2.1575-0.3060i	7.9897-34.2830i	-0.4254-0.0455i	3.7424+0.9253i	-2.0821+0.9296i	-3.5539-1.0598i	3.9653+1.0437i	-10.1799-5.3671i
58.4	-2.1723-0.0939i	6.5020-36.1576i	-0.4378-0.1358i	3.7585+0.7145i	-2.1029+0.6668i	-3.6032-0.9615i	3.9897+0.8376i	-10.3313-5.2589i
58.5	-1.9358+0.0710i	5.1113-38.6823i	-0.5043-0.1709i	3.6869+0.6643i	-2.2862+0.6865i	-3.6230-0.9221i	3.9197+0.8024i	-10.2769-5.4473i
58.6	-1.7084+0.0456i	4.1151-40.7582i	-0.5007-0.1706i	3.8988+0.6512i	-1.8813+0.7219i	-3.7614-0.8999i	4.1251+0.8006i	-10.7257-5.8168i
58.7	-1.6914-0.0639i	2.6312-42.7490i	-0.4822-0.2321i	4.1271+0.5128i	-1.4407+0.3890i	-3.9154-0.8596i	4.3484+0.6721i	-11.1533-5.8232i
58.8	-1.7208-0.1910i	-0.3612-44.1087i	-0.4789-0.3153i	4.2664+0.2317i	-1.2959-0.1783i	-4.0283-0.7268i	4.4936+0.4042i	-11.5117-5.6693i
58.9	-1.7342-0.2286i	-2.1661-44.7002i	-0.5588-0.3642i	4.2316+0.0822i	-1.4330-0.4761i	-4.0866-0.6410i	4.4679+0.2642i	-11.6531-5.6258i
59.0	-1.7893-0.3756i	-5.2509-45.8527i	-0.6144-0.4236i	4.3003-0.1693i	-1.4555-1.0420i	-4.2155-0.4672i	4.5464+0.0317i	-12.1102-5.5223i
59.1	-1.8952-0.5060i	-7.6654-48.2085i	-0.6245-0.4683i	4.4743-0.4098i	-1.3603-1.6995i	-4.3617-0.3224i	4.7242-0.1754i	-12.5643-5.6143i
59.2	-1.9128-0.4633i	-10.9160-47.8832i	-0.6986-0.4821i	4.3847-0.5465i	-1.6324-1.8944i	-4.3600-0.2314i	4.6515-0.3069i	-12.6111-5.5043i
59.3	-2.0971-0.4694i	-15.8455-47.6231i	-0.7751-0.5247i	4.3870-0.7124i	-1.8942-2.2391i	-4.4286-0.1230i	4.6719-0.4582i	-13.0563-5.5526i
59.4	-2.2410-0.3927i	-17.6506-46.5349i	-0.8287-0.5310i	4.3685-0.8612i	-2.1743-2.5079i	-4.4613+0.0037i	4.6697-0.5935i	-13.4114-5.4683i
59.5	-2.3673-0.2830i	-20.7359-44.6183i	-0.9275-0.5565i	4.2617-1.1113i	-2.6676-3.0496i	-4.4623+0.1861i	4.5973-0.8232i	-13.9534-5.2916i
59.6	-2.3682-0.2264i	-22.1783-43.4622i	-0.9651-0.5306i	4.2749-1.1513i	-2.9629-3.2013i	-4.4942+0.2469i	4.6325-0.8533i	-14.3272-5.3251i
59.7	-2.3691-0.1304i	-23.8748-41.8399i	-1.0385-0.5181i	4.2301-1.2711i	-3.4068-3.4499i	-4.5079+0.3529i	4.6190-0.9642i	-14.8055-5.2784i
59.8	-2.4183-0.0436i	-25.9226-38.5669i	-1.0315-0.5285i	4.2397-1.4997i	-3.8866-3.6855i	-4.4989+0.5365i	4.6702-1.1927i	-15.4413-4.7927i
59.9	-2.4556+0.0832i	-25.9868-34.9427i	-1.0663-0.5086i	4.1601-1.6043i	-4.5079-3.6007i	-4.4433+0.6622i	4.6307-1.3110i	-15.8097-4.2314i
60.0	-2.4049+0.2026i	-25.1042-33.9180i	-1.0803-0.4200i	4.2091-1.6549i	-4.9657-3.5784i	-4.4820+0.7437i	4.7027-1.3986i	-16.4447-3.9646i
60.1	-2.3735+0.1251i	-26.0730-33.9840i	-1.0589-0.4158i	4.3161-1.7409i	-5.2561-3.5587i	-4.5218+0.7938i	4.8386-1.4705i	-17.0256-3.8130i
60.2	-2.4137+0.2170i	-24.2762-32.0305i	-1.0824-0.4475i	4.2420-1.9448i	-5.7077-3.3843i	-4.4549+0.9235i	4.7852-1.6871i	-17.2367-3.1554i
60.3	-2.4626+0.2983i	-22.9402-29.7544i	-1.0503-0.4967i	4.3180-2.2265i	-5.9131-3.2019i	-4.4662+1.0696i	4.8808-2.0046i	-17.5484-2.3232i
60.4	-2.4598+0.3193i	-21.6670-29.3453i	-1.0141-0.5241i	4.3856-2.4308i	-5.9794-3.0698i	-4.4761+1.1731i	4.9586-2.2209i	-17.6799-1.7586i
60.5	-2.4833+0.3952i	-21.4234-30.2062i	-0.9612-0.5943i	4.5614-2.7561i	-6.0483-2.9943i	-4.5500+1.3144i	5.1575-2.5568i	-18.1065-1.2103i
60.6	-2.4271+0.4036i	-21.6696-31.8563i	-0.9108-0.6520i	4.7428-3.0048i	-6.0720-2.8236i	-4.6438+1.4147i	5.3620-2.8285i	-18.6433-0.7994i
60.7	-2.3536+0.4517i	-20.7290-32.1836i	-0.9777-0.7359i	4.4784-3.3233i	-6.3455-2.7658i	-4.5063+1.5656i	5.0972-3.1744i	-18.4935+0.0689i
60.8	-2.3343+0.4233i	-19.9622-32.2383i	-1.0436-0.8164i	4.1935-3.6170i	-6.5778-2.7385i	-4.3575+1.6989i	4.8185-3.4892i	-18.1803+0.8984i
60.9	-2.4147+0.3654i	-20.2477-33.0330i	-1.0459-0.8824i	4.1618-3.8653i	-6.6425-2.5664i	-4.3349+1.7926i	4.7887-3.7675i	-18.1590+1.5672i
61.0	-2.5196+0.3522i	-21.1793-34.4875i	-1.0357-0.9772i	4.1500-4.2093i	-6.6035-2.4662i	-4.3519+1.9328i	4.7843-4.1370i	-18.3200+2.3383i
61.1	-2.5756+0.4269i	-21.4391-35.4392i	-1.1212-1.0246i	3.9468-4.4191i	-6.6424-2.4157i	-4.2841+2.0103i	4.5692-4.3558i	-18.0294+2.7335i
61.2	-2.5672+0.6689i	-21.2957-34.5020i	-1.3482-1.1450i	3.3399-4.6108i	-7.0011-2.5287i	-4.0463+2.0693i	3.9513-4.5660i	-17.1632+3.3122i
61.3	-2.6018+0.7906i	-21.4889-34.8329i	-1.4345-1.2152i	3.0951-4.7864i	-7.0715-2.6814i	-3.9599+2.1297i	3.7064-4.7499i	-16.7734+3.7092i
61.4	-2.5665+0.8894i	-22.1606-35.4483i	-1.5042-1.2797i	2.8623-4.9963i	-7.0363-2.8111i	-3.8711+2.1940i	3.4649-4.9630i	-16.3894+3.9538i
61.5	-2.5470+0.9828i	-23.5254-35.9505i	-1.6532-1.3319i	2.4648-5.2059i	-7.2916-2.8182i	-3.7468+2.2817i	3.0657-5.1814i	-16.0731+4.4114i
61.6	-2.5306+1.0134i	-23.5789-35.9609i	-1.7598-1.3370i	2.2349-5.2102i	-7.5777-2.9122i	-3.6743+2.2863i	2.8339-5.1885i	-15.7467+4.5491i
61.7	-2.4959+1.0911i	-23.7273-35.3665i	-1.9148-1.3239i	1.8885-5.0878i	-7.9493-3.0189i	-3.5499+2.2245i	2.4818-5.0612i	-15.1480+4.4390i
61.8	-2.4855+1.1843i	-24.0937-36.0335i	-2.0045-1.3168i	1.6788-5.1388i	-8.0731-2.9177i	-3.4896+2.2471i	2.2750-5.1183i	-14.9074+4.6471i
61.9	-2.4507+1.1965i	-24.3970-37.3992i	-2.0555-1.2774i	1.5945-5.0222i	-8.3667-2.8019i	-3.4700+2.1827i	2.1963-5.0114i	-14.8713+4.6321i
62.0	-2.4799+1.3209i	-24.9553-37.6141i	-2.1335-1.3214i	1.4292-5.1170i	-8.5514-2.8160i	-3.4439+2.1953i	2.0235-5.1054i	-14.6977+4.6912i
62.1	-2.4726+1.4403i	-25.4259-38.3255i	-2.2128-1.3232i	1.3057-5.1443i	-8.7493-2.8090i	-3.4421+2.2103i	1.9010-5.1338i	-14.5841+4.6508i
62.2	-2.4224+1.5593i	-24.8738-38.9791i	-2.2903-1.2689i	1.2647-5.0942i	-8.9723-2.6400i	-3.4654+2.2007i	1.8638-5.0823i	-14.4127+4.5144i
62.3	-2.3130+1.6598i	-23.9372-39.6331i	-2.3992-1.2133i	1.1684-5.0149i	-9.4219-2.4391i	-3.4662+2.1656i	1.7880-5.0028i	-14.3913+4.4443i

62.4	-2.1956+1.7414i	-24.8756-41.1590i	-2.4830-1.1662i	1.0497-5.0173i	-9.6638-2.1820i	-3.4536+2.1729i	1.6812-5.0175i	-14.3411+4.5723i
62.5	-2.0286+1.8090i	-25.0927-42.5747i	-2.5863-1.1383i	0.9796-5.0816i	-9.9802-2.1072i	-3.4918+2.1753i	1.6130-5.0800i	-14.5067+4.3758i
62.6	-1.9141+1.8990i	-25.3494-42.5295i	-2.6962-1.1516i	0.8244-5.1334i	-10.3571-2.1608i	-3.4732+2.1839i	1.4766-5.1271i	-14.4751+4.3273i
62.7	-1.8634+1.9671i	-25.6762-43.1977i	-2.7313-1.1838i	0.8147-5.2304i	-10.3865-2.2167i	-3.4836+2.1853i	1.4643-5.2208i	-14.2464+4.3243i
62.8	-1.7690+2.0215i	-29.0698-44.0235i	-2.7940-1.2184i	0.6180-5.4555i	-10.4031-2.2229i	-3.4647+2.2816i	1.2730-5.4470i	-14.2434+4.4321i
62.9	-1.6549+2.0525i	-31.2923-45.1399i	-2.8801-1.2010i	0.4947-5.6345i	-10.5577-1.9688i	-3.4970+2.3472i	1.1679-5.6370i	-14.3531+4.6211i
63.0	-1.5184+2.0458i	-32.0082-47.6130i	-2.9730-1.1843i	0.3434-5.8141i	-10.7854-1.7220i	-3.5037+2.3895i	1.0297-5.8258i	-14.5283+4.6524i
63.1	-1.3908+2.0746i	-33.4453-47.8229i	-3.0874-1.2161i	0.0973-5.9877i	-11.1043-1.8346i	-3.4629+2.4307i	0.7934-5.9840i	-14.5330+4.5261i
63.2	-1.2912+2.0571i	-35.6443-48.7869i	-3.1694-1.2130i	-0.1719-6.1794i	-11.0594-1.6686i	-3.4469+2.4941i	0.5235-6.1854i	-14.4373+4.5640i
63.3	-1.1529+2.0133i	-36.3611-50.4023i	-3.2798-1.1541i	-0.4615-6.3401i	-11.2304-1.3947i	-3.4513+2.5504i	0.2506-6.3555i	-14.6418+4.5692i
63.4	-1.0386+1.9764i	-37.1603-51.1466i	-3.3989-1.1283i	-0.7472-6.5185i	-11.5356-1.2131i	-3.4383+2.6109i	-0.0176-6.5428i	-14.8576+4.5730i
63.5	-0.9253+1.9522i	-38.7810-52.5598i	-3.5547-1.0744i	-1.1211-6.6508i	-11.8595-0.9699i	-3.4629+2.6688i	-0.3627-6.6903i	-15.2680+4.7125i
63.6	-0.7977+1.9236i	-41.5914-54.2583i	-3.6853-1.0458i	-1.6898-6.7406i	-11.9169-0.8199i	-3.3883+2.7209i	-0.9239-6.7970i	-15.4275+4.9356i
63.7	-0.7275+1.8583i	-43.5880-53.1312i	-3.7916-1.0519i	-2.0469-6.6877i	-12.0664-0.9535i	-3.3316+2.6765i	-1.2797-6.7342i	-15.4264+4.7408i
63.8	-0.6836+1.7849i	-45.4803-52.0787i	-3.8788-1.0383i	-2.3789-6.4823i	-12.1687-1.2016i	-3.3073+2.6307i	-1.6031-6.5219i	-15.5200+4.6633i
63.9	-0.6172+1.7689i	-46.7582-54.8745i	-4.0947-0.9555i	-2.9329-6.5143i	-12.6469-0.8996i	-3.3316+2.6995i	-2.1144-6.5836i	-16.0817+5.0018i
64.0	-0.5095+1.7953i	-49.9268-55.4201i	-4.1894-0.8170i	-3.4920-6.2693i	-12.7698-0.5948i	-3.2396+2.7503i	-2.6596-6.3562i	-16.2232+5.4769i
64.1	-0.4088+1.7589i	-51.6847-55.5110i	-4.2213-0.7615i	-3.7364-6.0802i	-12.7048-0.5944i	-3.2157+2.7329i	-2.9082-6.1651i	-16.2828+5.4946i
64.2	-0.2543+1.6938i	-53.9090-54.5196i	-4.3319-0.6958i	-4.1477-5.8388i	-12.9027-0.6500i	-3.1917+2.7074i	-3.3015-5.9335i	-16.4510+5.5250i
64.3	-0.1344+1.5992i	-57.0409-54.1872i	-4.4399-0.6266i	-4.4789-5.4781i	-13.1250-0.6587i	-3.2081+2.6741i	-3.6097-5.5848i	-16.7201+5.8236i
64.4	-0.0143+1.5027i	-58.6388-53.7489i	-4.5245-0.6054i	-4.7375-5.2459i	-13.2849-0.8796i	-3.2042+2.6042i	-3.8601-5.3495i	-16.9128+5.8879i
64.5	0.0645+1.3884i	-61.2995-55.7162i	-4.6698-0.4856i	-5.1462-4.9913i	-13.7788-0.7529i	-3.2776+2.6883i	-4.2377-5.1289i	-17.4051+6.4968i
64.6	0.0758+1.2460i	-63.1132-54.7096i	-4.7326-0.3947i	-5.2671-4.5619i	-13.9954-0.7115i	-3.3287+2.6891i	-4.3506-4.7230i	-17.4715+6.9330i
64.7	0.0832+1.1010i	-66.6693-52.9629i	-4.7937-0.3185i	-5.2201-4.0523i	-14.3944-0.6661i	-3.3660+2.6455i	-4.2994-4.2327i	-17.2456+7.2366i
64.8	0.0575+1.0379i	-69.2790-51.7814i	-4.8510-0.2786i	-5.2563-3.8137i	-14.6596-0.7648i	-3.4098+2.6350i	-4.3343-4.0019i	-17.0987+7.3971i
64.9	0.1173+0.9735i	-71.8707-52.6404i	-4.9465-0.2258i	-5.5071-3.6925i	-15.1200-0.7187i	-3.4550+2.7019i	-4.5670-3.8944i	-17.2927+7.6744i
65.0	0.1660+0.8507i	-74.1673-51.3734i	-5.0280-0.1262i	-5.5533-3.2951i	-15.7099-0.5529i	-3.5051+2.7122i	-4.6017-3.5151i	-17.3020+7.9158i
65.1	0.2016+0.7926i	-75.5565-49.4937i	-5.0971-0.0125i	-5.6072-3.0103i	-16.0227-0.2918i	-3.5534+2.7625i	-4.6488-3.2458i	-17.2653+8.1248i
65.2	0.2894+0.6771i	-77.9347-49.2672i	-5.2288+0.0562i	-5.6858-2.7394i	-16.5957-0.2283i	-3.6689+2.8008i	-4.7029-2.9896i	-17.5238+8.1559i
65.3	0.3417+0.5762i	-79.4693-48.9152i	-5.2873+0.1124i	-5.7629-2.4741i	-16.9916-0.1303i	-3.6919+2.8249i	-4.7751-2.7344i	-17.5430+8.2125i
65.4	0.4125+0.4120i	-82.8812-47.9958i	-5.3479+0.2183i	-5.8156-2.1630i	-17.4412+0.2847i	-3.7236+2.8924i	-4.8166-2.4544i	-17.5928+8.5177i
65.5	0.4551+0.2427i	-86.0292-46.9557i	-5.4474+0.3227i	-5.9003-1.8530i	-18.0080+0.7569i	-3.7833+2.9605i	-4.8783-2.1669i	-17.7847+8.8413i
65.6	0.4816+0.0568i	-88.8682-46.1073i	-5.5011+0.3994i	-5.9878-1.4271i	-18.2663+1.1906i	-3.7991+3.0239i	-4.9692-1.7668i	-17.9119+9.0958i
65.7	0.4426-0.1177i	-90.4233-44.8365i	-5.6266+0.4277i	-5.9416-1.0765i	-18.8052+1.5406i	-3.9167+3.1058i	-4.9099-1.4301i	-18.3683+9.3255i
65.8	0.4529-0.2717i	-91.7512-43.4132i	-5.7034+0.4966i	-5.9068-0.8208i	-19.1358+1.8261i	-3.9562+3.1656i	-4.8587-1.1884i	-18.5474+9.4865i
65.9	0.4710-0.4632i	-94.4853-41.8122i	-5.7929+0.5948i	-5.7606-0.4079i	-19.4876+2.2436i	-3.9744+3.2912i	-4.7020-0.8038i	-18.6361+9.8109i
66.0	0.4764-0.6189i	-96.4752-41.7639i	-5.9915+0.5577i	-5.6046-0.2227i	-20.1756+2.2662i	-4.1382+3.3301i	-4.5175-0.6223i	-19.2683+9.9004i
66.1	0.4059-0.8347i	-99.5469-39.7762i	-6.0998+0.6274i	-5.3587+0.0765i	-20.5965+2.6437i	-4.1544+3.3883i	-4.2636-0.3332i	-19.3692+10.1499i
66.2	0.4594-1.0867i	-101.9004-39.4515i	-6.3396+0.6136i	-5.3102+0.1778i	-21.5561+2.8034i	-4.3691+3.4619i	-4.1618-0.2447i	-20.2539+10.1989i
66.3	0.3278-1.2952i	-104.7562-37.2450i	-6.4006+0.7550i	-5.0579+0.3157i	-21.5620+3.5301i	-4.3399+3.5597i	-3.9202-0.1487i	-20.2149+10.9227i
66.4	0.3542-1.6487i	-107.0345-35.9080i	-6.5833+0.8089i	-4.9037+0.5314i	-22.0760+3.6903i	-4.3829+3.6586i	-3.7445+0.0609i	-20.5040+11.0290i
66.5	0.2874-1.9073i	-109.3421-34.8940i	-6.7882+0.8696i	-4.7867+0.6542i	-22.7987+4.0601i	-4.5258+3.7808i	-3.5804+0.1630i	-21.1600+11.3325i
66.6	0.0982-2.2981i	-113.7315-34.0493i	-7.0786+1.0225i	-4.6966+0.8757i	-23.8102+4.8734i	-4.6248+3.9393i	-3.4560+0.3187i	-21.8775+12.1403i
66.7	-0.2600-2.6167i	-119.4231-31.4652i	-7.3565+1.3677i	-4.4988+1.0548i	-24.4377+6.2133i	-4.7318+4.1823i	-3.2357+0.4117i	-22.2302+13.4977i
66.8	-0.4771-2.8153i	-122.1141-28.6504i	-7.4746+1.4817i	-4.3399+1.0838i	-24.6714+6.5605i	-4.8052+4.2791i	-3.0617+0.4261i	-22.4140+13.7066i
66.9	-0.6712-3.1522i	-124.0470-26.5604i	-7.7245+1.5097i	-4.2916+1.1058i	-25.2957+6.6741i	-4.9655+4.4128i	-2.9946+0.4531i	-22.9673+13.8695i
67.0	-1.0207-3.5316i	-125.6080-23.8486i	-8.0680+1.6977i	-4.1096+1.2364i	-26.3319+7.4772i	-5.1541+4.6162i	-2.7551+0.5432i	-23.9493+14.6234i
67.1	-1.2707-3.7392i	-126.8253-22.1362i	-8.1889+1.8555i	-4.0237+1.2442i	-26.5603+7.9571i	-5.1787+4.8408i	-2.6568+0.5007i	-24.2429+15.3333i
67.2	-1.9294-3.9666i	-131.3201-18.6421i	-8.3712+2.2521i	-3.8419+1.3495i	-27.1647+9.2571i	-5.1060+5.1253i	-2.4539+0.5224i	-24.4526+16.6449i
67.3	-2.3436-4.4890i	-135.2139-17.7294i	-8.8362+2.2800i	-3.7825+1.4148i	-28.6840+9.4943i	-5.4120+5.3277i	-2.3239+0.5687i	-25.8799+17.1214i
67.4	-3.2003-4.5323i	-138.5267-12.2892i	-9.0872+2.7474i	-3.5368+1.4178i	-29.2109+11.0868i	-5.4881+5.6737i	-2.0639+0.4867i	-26.2531+18.6040i
67.5	-3.9421-4.5628i	-142.4381-6.9277i	-9.1775+3.2059i	-3.3622+1.4844i	-29.2440+12.7157i	-5.3516+6.1009i	-1.9057+0.4516i	-25.9353+20.4541i
67.6	-4.6547-4.3433i	-144.5330-0.8401i	-9.2009+3.5573i	-3.1815+1.3618i	-29.3081+13.8890i	-5.1733+6.4483i	-1.7374+0.2554i	-25.6480+21.9031i
67.7	-5.3998-4.2490i	-148.0715+3.3068i	-9.5246+3.9819i	-3.1648+1.4901i	-29.9331+15.3867i	-5.1075+6.8212i	-1.7172+0.2812i	-25.8140+23.7653i
67.8	-6.2896-4.1908i	-153.9889+7.1987i	-10.1189+4.3225i	-3.0266+1.5336i	-31.4951+16.6785i	-5.2423+7.1545i	-1.5179+0.2383i	-26.7933+25.4137i
67.9	-7.2162-4.0621i	-159.1174+12.8618i	-10.6552+4.7562i	-2.8837+1.6702i	-32.9680+17.9664i	-5.2529+7.5669i	-1.3125+0.2853i	-27.5165+27.2833i
68.0	-7.9651-3.2391i	-160.8417+21.2695i	-10.6050+5.5222i	-2.6735+1.6644i	-32.3334+20.1252i	-4.7781+7.9862i	-1.1844+0.1865i	-25.6646+29.3791i
68.1	-8.5493-2.7370i	-161.8534+26.3250i	-11.0292+5.9328i	-2.6171+1.3927i	-33.4880+21.1887i	-4.8486+8.1519i	-1.0903-0.1536i	-25.9349+30.5240i
68.2	-8.9260-1.9200i	-162.5642+31.7945i	-11.1056+6.3883i	-2.4085+1.0268i	-33.5990+22.8399i	-4.6933+8.2940i	-0.9261-0.5971i	-24.9451+31.8918i
68.3	-9.3759-1.1771i	-166.0281+38.7094i	-11.3008+7.1851i	-2.3405+0.9090i	-33.9307+25.0866i	-4.5941+8.8156i	-0.8719-0.8320i	-24.3919+34.0568i
68.4	-9.8403-0.2767i	-168.0270+49.5012i	-11.4713+8.3568i	-2.3911+0.8403i	-34.5086+28.2862i	-4.2626+9.3756i	-0.9508-1.0560i	-23.4068+36.6765i
68.5	-10.0254+0.3841i	-168.6046+54.5574i	-11.6905+8.9205i	-2.3480+0.4201i	-35.2046+29.7781i	-4.2995+9.3887i	-0.9157-1.5446i	-22.9516+37.2498i
68.6	-9.9064+1.3114i	-163.6746+62.6354i	-11.1332+9.6212i	-2.3829+0.2380i	-33.3931+31.9686i	-3.8591+9.4773i	-1.0774-1.8066i	-20.3802+37.8954i

68.7	-10.0938+2.5691i	-162.5008+76.7245i	-10.8039+11.1365i	-2.6259-0.0310i	-32.5491+36.5678i	-3.4325+10.2209i	-1.4151-2.2498i	-18.2154+40.9899i
68.8	-10.1902+3.0051i	-161.9047+81.5510i	-11.0704+11.8793i	-3.0213-0.2583i	-33.3963+38.7777i	-3.5815+10.7288i	-1.7929-2.5692i	-18.7100+42.2985i
68.9	-10.1510+3.6786i	-160.4891+90.0576i	-10.9514+12.8191i	-3.4829-0.3479i	-33.1527+41.6829i	-3.4029+11.1316i	-2.2943-2.7607i	-17.9586+43.4969i
69.0	-9.3821+4.4468i	-151.1950+96.3252i	-9.6526+13.2891i	-3.8012-0.3746i	-29.0177+43.2280i	-2.7142+11.0922i	-2.8212-2.8112i	-14.4927+43.0510i
69.1	-8.8808+5.1597i	-143.0342+101.0055i	-8.6464+13.9269i	-4.0698-0.2837i	-26.0883+45.1279i	-2.0753+11.3185i	-3.2262-2.7559i	-12.1878+43.2502i
69.2	-8.6289+6.2127i	-137.0224+111.5835i	-7.8494+15.0697i	-4.5454-0.1607i	-23.6763+49.2077i	-1.5297+11.9596i	-3.8206-2.7871i	-10.3721+45.3894i
69.3	-8.1249+6.9026i	-132.6094+120.2575i	-7.1507+15.6016i	-5.0102-0.2460i	-21.6733+51.4061i	-1.1990+12.2753i	-4.3699-2.9562i	-9.6622+45.8237i
69.4	-7.1569+7.6605i	-120.0637+127.2273i	-5.6340+16.3258i	-5.5684+0.2693i	-16.1025+54.1111i	-0.1103+12.7858i	-5.1971-2.5555i	-5.8839+47.6002i
69.5	-6.5714+7.7276i	-115.6455+130.3745i	-4.9150+16.3400i	-5.9405+0.5178i	-13.5188+54.6797i	0.4761+12.8653i	-5.6819-2.3328i	-4.3094+48.1021i
69.6	-5.7994+7.7565i	-104.7172+131.9786i	-3.6691+16.2489i	-5.9930+1.1010i	-9.1705+54.0623i	1.5901+12.6973i	-5.9372-1.6781i	-0.9543+47.5034i
69.7	-5.6272+8.0847i	-96.3698+138.6031i	-3.1044+16.8121i	-6.3539+1.6238i	-6.6454+55.9179i	2.1984+13.0730i	-6.4354-1.2428i	0.7202+48.9811i
69.8	-4.7045+8.3701i	-79.9127+134.6642i	-1.3564+16.6677i	-6.2061+2.4261i	-0.0522+54.8663i	3.7252+12.8538i	-6.6007-0.3298i	5.6820+48.0411i
69.9	-4.5688+8.6435i	-74.3656+137.1434i	-0.9921+16.8435i	-6.5876+2.7069i	1.6146+55.3572i	4.2338+12.8426i	-7.0487-0.0778i	6.8198+48.3452i
70.0	-4.4263+8.5174i	-72.8066+132.7763i	-1.0143+16.2474i	-6.7725+2.7132i	1.7977+53.4763i	4.4527+12.1921i	-7.1860+0.0109i	6.3931+46.6778i
70.1	-3.8116+8.8950i	-64.3819+128.9582i	0.0556+16.1367i	-6.8778+3.3957i	5.9915+52.5543i	5.6193+11.6487i	-7.5053+0.7710i	10.0242+45.5907i
70.2	-3.2403+9.4159i	-56.0371+131.1676i	0.7948+16.4128i	-7.2685+4.4109i	9.3272+52.2262i	6.5140+11.0679i	-8.0666+1.8119i	12.5029+45.0517i
70.3	-2.7798+9.6364i	-52.4693+131.8305i	1.0725+16.4833i	-7.5863+5.1193i	10.2662+51.5043i	6.7867+10.4890i	-8.3929+2.5496i	12.6828+44.5529i
70.4	-1.8249+9.7070i	-46.5802+126.8908i	1.9130+16.2307i	-7.4101+6.0663i	12.7532+49.0149i	7.2819+9.3034i	-8.3175+3.6122i	14.2190+42.3808i
70.5	-0.9495+9.9491i	-38.1687+122.1917i	2.9805+16.5899i	-7.0768+7.4048i	15.7865+48.5857i	7.9290+8.5449i	-8.1569+4.9480i	16.9656+42.4740i
70.6	0.0376+9.5563i	-33.5002+114.1370i	4.0858+15.9613i	-5.9573+8.4205i	18.2845+45.4532i	7.9913+7.3468i	-7.1810+6.1083i	19.0877+40.0908i
70.7	0.7278+8.9681i	-33.0407+110.0849i	4.8658+15.3747i	-4.6471+9.1403i	19.1830+42.7288i	7.6655+6.2534i	-5.9030+6.9647i	19.9242+38.0603i
70.8	1.5148+8.5292i	-27.1550+108.2299i	6.0285+15.0828i	-3.3272+9.9460i	21.5046+41.3740i	7.3734+5.6484i	-4.7224+7.8335i	21.5556+37.3886i
70.9	2.1531+8.0018i	-20.9729+101.5020i	7.0952+14.4349i	-2.0837+10.1769i	23.5050+39.4416i	7.1553+5.1247i	-3.5882+8.1734i	23.4624+35.9944i
71.0	2.2949+7.1859i	-23.7912+93.9377i	7.4064+13.2455i	-0.8979+9.4422i	23.1839+36.3421i	6.5696+4.6905i	-2.4037+7.6082i	23.6079+33.3056i
71.1	2.3201+6.6777i	-25.6268+91.6876i	7.5642+12.6117i	-0.2428+9.1328i	23.4293+35.1298i	6.2050+4.5515i	-1.7781+7.3675i	24.1650+32.2525i
71.2	2.5526+6.3722i	-20.9164+91.7622i	8.1294+12.2884i	0.2131+9.1171i	24.9152+34.7135i	6.1209+4.5716i	-1.3904+7.3838i	25.5285+31.9221i
71.3	2.5096+5.8895i	-20.3690+89.3133i	8.3124+11.6380i	0.8152+8.8319i	25.1754+33.1878i	5.7871+4.5441i	-0.7827+7.1991i	25.6369+30.5415i
71.4	2.5170+5.2480i	-18.5265+80.6208i	8.5777+10.5712i	1.7707+8.2725i	25.8873+30.0554i	5.6886+4.3656i	0.1343+6.8328i	26.6160+28.0515i
71.5	2.2051+4.9413i	-25.3527+78.9926i	8.1374+9.9207i	1.6577+7.5956i	24.3268+28.6388i	5.4134+4.1588i	0.1152+6.2226i	25.5943+26.2493i
71.6	2.0658+4.8933i	-24.9622+79.6091i	8.2028+9.7822i	1.8615+7.4210i	24.4843+28.4640i	5.4447+4.2835i	0.3083+6.0604i	25.9642+26.0641i
71.7	1.8917+4.8299i	-24.4906+81.9001i	8.1114+9.6793i	1.8864+7.3330i	24.5603+28.4852i	5.4049+4.4143i	0.3233+5.9754i	26.2004+25.9929i
71.8	1.7558+4.4614i	-25.0651+75.3226i	8.1222+8.8568i	2.4119+6.6148i	24.5597+26.1141i	5.4585+4.2441i	0.8529+5.4014i	26.6273+23.9334i
71.9	1.5573+4.2980i	-28.0518+70.5205i	7.9918+8.2938i	2.5892+6.1692i	24.2345+24.5225i	5.4723+4.0007i	1.0654+5.0550i	26.6321+22.0048i
72.0	1.4992+4.2892i	-31.0753+69.8054i	7.9097+7.9807i	2.6108+5.9088i	23.8288+23.5287i	5.3804+3.7492i	1.1291+4.8646i	26.1240+20.4519i
72.1	1.3541+4.3039i	-31.9478+69.5075i	7.7803+7.7583i	2.7544+5.6278i	23.4775+22.9950i	5.3199+3.7493i	1.2879+4.6053i	25.7099+19.8002i
72.2	1.3213+4.4086i	-33.2840+69.8105i	7.8052+7.5739i	2.9338+5.5692i	23.7382+22.3831i	5.3359+3.5217i	1.4489+4.5805i	25.9982+18.7372i
72.3	1.3886+4.3805i	-30.4670+68.1247i	8.0407+7.2469i	3.4227+5.2039i	24.4155+21.4915i	5.3704+3.5627i	1.9083+4.2813i	26.3374+17.9902i
72.4	1.3182+4.4689i	-33.1409+67.8828i	7.7578+7.1583i	3.1197+4.9810i	23.6429+21.3332i	5.2729+3.4939i	1.6767+4.0589i	25.3491+17.5776i
72.5	1.2659+4.6535i	-39.3426+70.8262i	7.3473+7.2147i	2.5302+5.0330i	22.2745+21.5349i	5.1129+3.2427i	1.1855+4.0968i	23.9421+17.0929i
72.6	1.3850+4.7834i	-40.2362+72.0558i	7.3770+7.1858i	2.5488+5.2769i	22.2220+21.3171i	5.0336+2.9769i	1.2056+4.3418i	23.6402+16.4492i
72.7	1.5221+4.8128i	-39.3993+69.4291i	7.5546+6.9746i	2.6638+4.9890i	22.8276+20.6631i	5.1998+2.9366i	1.2911+4.0906i	24.2929+15.9939i
72.8	1.8030+4.8661i	-42.9515+67.6380i	7.5715+6.6965i	2.6459+4.8599i	22.6180+19.6056i	5.1268+2.5616i	1.3039+4.0115i	23.9204+14.4955i
72.9	1.9632+4.8980i	-46.2611+69.1590i	7.4930+6.6559i	2.7134+5.1333i	22.2747+19.3357i	4.8828+2.2727i	1.3967+4.3060i	23.3017+13.7029i
73.0	2.1433+4.9104i	-47.4892+74.0841i	7.4856+6.8149i	2.8651+5.4701i	21.9140+19.8226i	4.5329+2.2036i	1.5824+4.6238i	22.2848+13.7487i
73.1	2.3720+4.7668i	-44.9771+75.0814i	7.7255+6.6592i	3.3890+5.3633i	22.5056+19.5947i	4.3483+2.3034i	2.0880+4.5252i	22.1415+13.7200i
73.2	2.6762+4.6519i	-41.6823+77.1621i	8.1666+6.5243i	4.0825+5.3107i	23.7010+19.3258i	4.2742+2.3222i	2.6934+4.4912i	22.8415+13.5165i
73.3	2.8459+4.6022i	-43.4041+79.5666i	8.2749+6.5766i	4.1808+5.5158i	23.7982+19.5543i	4.1402+2.1873i	2.7863+4.6690i	22.6695+13.5096i
73.4	3.0598+4.4124i	-45.4694+82.9603i	8.4147+6.5111i	4.6307+5.6321i	23.9258+19.4349i	3.7596+2.0995i	3.2355+4.7791i	22.0218+13.1636i
73.5	3.2554+4.1454i	-45.3023+82.4773i	8.6081+6.0946i	4.9539+5.2482i	24.5268+18.3532i	3.7275+2.0268i	3.5301+4.4599i	22.1981+12.3266i
73.6	3.4355+3.9016i	-45.0859+85.8083i	8.8924+5.9116i	5.5690+5.1347i	24.9789+18.0665i	3.3874+2.1518i	4.1268+4.3605i	21.8248+12.2232i
73.7	3.5070+3.6753i	-43.1351+89.5945i	9.1976+5.7476i	6.2109+4.8723i	25.9251+18.1116i	3.2182+2.4693i	4.6978+4.0873i	22.2666+12.7635i
73.8	3.5093+3.4853i	-42.7390+87.9734i	9.2718+5.4449i	6.3781+4.5492i	26.0717+17.3610i	3.2488+2.4737i	4.8563+3.8018i	22.4547+12.3327i
73.9	3.5642+3.3570i	-44.2375+87.9553i	9.3068+5.2104i	6.5836+4.4519i	25.7836+16.5055i	3.0774+2.3248i	5.0973+3.7656i	22.0054+11.3086i
74.0	3.6192+3.0762i	-44.5188+93.6382i	9.4214+4.9580i	7.2606+4.0236i	25.6296+16.6739i	2.6269+2.7158i	5.7924+3.3203i	20.9252+11.7904i
74.1	3.6099+2.8822i	-45.8974+95.6534i	9.3670+4.6681i	7.4347+3.5779i	25.3159+16.2875i	2.4448+2.8627i	5.9957+2.8968i	20.2642+11.5581i
74.2	3.6228+2.6861i	-45.4567+98.3144i	9.4584+4.3289i	7.7425+3.0805i	25.8658+15.5010i	2.4267+2.9897i	6.2707+2.4531i	20.4779+11.0688i
74.3	3.6502+2.4892i	-42.7167+100.6986i	9.6136+4.0599i	8.1099+2.4796i	26.4913+15.4222i	2.4094+3.3118i	6.6089+1.8516i	20.7309+11.4151i
74.4	3.7232+2.2856i	-37.7654+103.1662i	9.9530+3.8060i	8.6285+1.8971i	27.8062+15.3043i	2.5225+3.6636i	7.0390+1.2723i	21.6335+11.7707i
74.5	3.7135+2.0567i	-39.7620+105.6359i	9.9653+3.5092i	8.8656+1.3885i	27.9148+15.0564i	2.4136+3.8915i	7.2681+0.7723i	21.3327+11.8582i
74.6	3.6326+1.8784i	-41.0368+108.8071i	9.8156+3.2709i	8.8039+0.8744i	27.5566+14.6671i	2.3421+4.0920i	7.2429+0.2798i	20.7203+11.8114i
74.7	3.5879+1.6578i	-35.6949+116.2972i	9.9323+3.0307i	9.0100+0.1947i	28.1682+14.5427i	2.4060+4.5561i	7.4197-0.3993i	20.8498+12.3861i
74.8	3.5673+1.4111i	-32.1241+116.2297i	10.1005+2.5259i	9.0705-0.6209i	29.1827+13.3831i	2.6953+4.7719i	7.4237-1.1430i	21.7107+11.8466i
74.9	3.3537+1.2931i	-28.1016+114.1702i	9.9231+2.2259i	8.6665-1.1962i	29.3196+12.6687i	3.0781+4.8766i	7.0192-1.6854i	22.1482+11.7317i

75.0	3.1529+1.0795i	-25.0723+116.5777i	9.7493+1.8957i	8.4741-2.0902i	29.5171+12.1261i	3.3126+5.2737i	6.8148-2.5748i	22.2401+12.1355i
75.1	3.0234+0.9968i	-22.7761+118.0149i	9.6476+1.7513i	8.0641-2.5299i	29.6400+11.9195i	3.6219+5.4426i	6.3936-3.0202i	22.5563+12.4565i
75.2	2.9405+0.8497i	-23.2705+120.4270i	9.5526+1.4597i	7.8623-3.0124i	29.5754+11.1583i	3.7694+5.4868i	6.1903-3.4558i	22.5587+12.0612i
75.3	2.8973+0.7500i	-20.7628+120.2160i	9.5636+1.1704i	7.6667-3.3959i	30.0336+10.2745i	4.0401+5.4420i	5.9698-3.7781i	23.1470+11.4036i
75.4	2.7740+0.7071i	-18.0289+116.7878i	9.4726+0.9145i	7.2402-3.7345i	30.1777+9.3906i	4.3882+5.3739i	5.5394-4.0574i	23.6788+10.7437i
75.5	2.6172+0.5083i	-12.0342+118.8314i	9.5069+0.5176i	6.9558-4.4965i	31.0105+8.4644i	4.8913+5.5531i	5.1936-4.7652i	24.7330+10.4529i
75.6	2.4098+0.4165i	-6.9783+123.5910i	9.4501+0.3770i	6.6015-4.9874i	31.5392+8.4645i	5.2901+5.7972i	4.7924-5.2743i	25.4946+10.9471i
75.7	2.1754+0.3907i	-3.8668+122.2090i	9.2125+0.0855i	5.9761-5.3336i	31.5323+7.4139i	5.7422+5.6054i	4.1613-5.5562i	25.9970+10.1879i
75.8	1.9459+0.3585i	-5.4866+123.2811i	8.9960+0.0254i	5.5921-5.5669i	31.2718+7.5094i	5.9495+5.5972i	3.7849-5.8141i	25.9349+10.4166i
75.9	1.7987+0.4334i	-1.1221+126.7534i	9.0096-0.0229i	5.2847-5.7945i	32.0677+7.3638i	6.3342+5.6074i	3.4023-6.0140i	26.8632+10.4048i
76.0	1.6426+0.5060i	1.2334+126.5034i	8.8433-0.1123i	4.7179-5.9390i	32.0882+7.0585i	6.6572+5.4351i	2.8330-6.1489i	27.1338+10.1486i
76.1	1.5190+0.6001i	4.4219+121.4399i	8.6088-0.2847i	4.0244-5.8662i	31.7940+6.1721i	6.9376+4.9871i	2.1590-6.0308i	27.1748+9.1554i
76.2	1.3485+0.6533i	9.6528+122.9466i	8.6162-0.5365i	3.5450-6.2740i	32.7899+5.1869i	7.4598+4.8514i	1.5922-6.3547i	28.4022+8.4441i
76.3	1.2877+0.7242i	11.6543+118.5724i	8.5436-0.8445i	3.0880-6.4105i	32.9378+3.8160i	7.7099+4.4202i	1.1396-6.3890i	28.7452+7.0516i
76.4	1.3097+0.8499i	12.8374+118.7706i	8.5815-1.0421i	2.6705-6.4887i	33.5395+2.9073i	7.9530+4.1114i	0.6845-6.4022i	29.2773+6.1464i
76.5	1.3181+0.9191i	15.5976+119.4504i	8.5202-1.1532i	2.2299-6.5213i	33.7848+2.2537i	8.1348+3.8866i	0.2281-6.3842i	29.5412+5.6372i
76.6	1.3077+0.9441i	17.8161+118.8358i	8.5162-1.2803i	1.9475-6.3596i	33.9902+1.5535i	8.2438+3.5189i	-0.0719-6.1866i	29.9160+4.9574i
76.7	1.2574+0.9887i	19.2671+117.0278i	8.4016-1.4770i	1.4547-6.3234i	34.0493+0.7996i	8.4233+3.1988i	-0.5643-6.1037i	30.0127+4.2569i
76.8	1.2472+1.0465i	24.9462+118.3712i	8.3536-1.6966i	1.0976-6.3635i	34.2906+0.1123i	8.5466+2.9258i	-0.9390-6.0769i	30.1907+3.6120i
76.9	1.2338+1.1288i	25.2067+116.0830i	8.3405-1.8804i	0.7426-6.3148i	34.7356-0.7532i	8.6564+2.6004i	-1.3217-5.9744i	30.6319+2.9220i
77.0	1.2806+1.0934i	25.4035+114.3865i	8.3781-2.1815i	0.6951-6.3547i	35.1920-1.7302i	8.5846+2.3627i	-1.3914-5.9606i	30.8854+1.9512i
77.1	1.3861+1.1148i	26.0860+113.8909i	8.2723-2.4555i	0.3629-6.2866i	35.0182-2.6055i	8.4959+2.0856i	-1.7207-5.8290i	30.5973+1.1591i
77.2	1.4135+1.0911i	26.5986+112.3305i	7.9926-2.7149i	-0.0774-6.2637i	34.6548-3.5941i	8.4595+1.8985i	-2.1237-5.7238i	30.1615+0.3977i
77.3	1.4150+1.0624i	30.6281+112.1097i	7.9223-2.9609i	-0.4494-6.1904i	35.1656-4.7718i	8.6144+1.7110i	-2.5211-5.5542i	30.5599-0.4018i
77.4	1.4450+1.0868i	32.5347+111.1162i	7.9457-3.3343i	-0.7600-6.2384i	35.6416-6.2100i	8.7810+1.4445i	-2.8565-5.4952i	30.9881-1.3448i
77.5	1.4515+1.0307i	31.3244+106.0182i	7.5562-3.6620i	-1.3295-6.0140i	35.0562-7.8792i	8.7774+1.0548i	-3.3643-5.1589i	30.6699-2.4363i
77.6	1.4409+0.8871i	31.4186+106.6676i	7.2781-3.9757i	-1.6057-5.9028i	34.8383-8.9885i	8.7923+0.8679i	-3.6448-4.9706i	30.6873-3.1976i
77.7	1.3773+0.8677i	35.5282+106.4318i	7.0844-4.1418i	-1.7982-5.7254i	34.7996-9.9678i	8.8689+0.6397i	-3.8420-4.7103i	31.0047-3.8310i
77.8	1.2950+0.8307i	36.8991+103.4556i	6.7764-4.3419i	-2.0236-5.5071i	34.4091-11.2262i	8.8755+0.3148i	-4.0285-4.3817i	30.9934-4.8189i
77.9	1.2244+0.7844i	35.2795+103.9380i	6.5534-4.5103i	-2.1930-5.5413i	34.2601-11.7740i	8.8848+0.2432i	-4.1828-4.3910i	30.8343-5.3225i
78.0	1.1549+0.7916i	33.0466+103.5610i	6.3258-4.6656i	-2.3898-5.4241i	34.0371-12.7826i	8.9011-0.0013i	-4.3550-4.2044i	30.8694-6.2028i
78.1	1.1195+0.8208i	33.6032+102.1427i	6.0231-4.6961i	-2.5720-5.1715i	33.3292-13.5241i	8.8053-0.2887i	-4.4782-3.8885i	30.4819-6.8451i
78.2	1.0247+0.8682i	33.5232+104.0114i	5.7273-5.0108i	-3.0044-5.2081i	33.5500-15.4393i	9.0112-0.6616i	-4.9177-3.7536i	30.9716-8.3970i
78.3	0.8958+0.9523i	37.4776+104.9018i	5.2387-5.2926i	-3.6014-5.1379i	33.0401-17.6354i	9.1528-1.1084i	-5.4713-3.4937i	30.8852-10.0697i
78.4	0.8242+1.0287i	39.9113+104.7832i	4.8616-5.4073i	-3.9928-4.8930i	32.5476-18.9064i	9.1758-1.5042i	-5.8093-3.1548i	30.7187-10.9624i
78.5	0.8309+1.0620i	35.2743+105.8222i	4.7159-5.5275i	-4.0995-4.8394i	32.4959-19.8905i	9.1455-1.7357i	-5.8898-3.0255i	30.7987-11.9378i
78.6	0.8105+1.1336i	39.5339+105.8381i	4.1498-5.6676i	-4.5649-4.6635i	31.1344-21.9638i	8.9998-2.1701i	-6.2274-2.6643i	29.8570-13.8638i
78.7	0.8070+1.2266i	41.3133+104.6004i	3.6525-5.5921i	-5.0164-4.2566i	29.7620-23.0243i	8.8653-2.5751i	-6.5358-2.1839i	28.9317-14.7177i
78.8	0.8407+1.2664i	40.3594+108.0990i	3.2973-5.7221i	-5.3891-4.0170i	29.0426-24.7420i	8.7996-2.9886i	-6.8253-1.8061i	28.4547-16.2504i
78.9	0.9043+1.3143i	44.4192+105.7060i	2.9673-5.7220i	-5.5609-3.6811i	27.9712-26.2204i	8.5458-3.3940i	-6.8903-1.3360i	27.9236-17.8308i
79.0	0.9205+1.3446i	44.1364+106.5960i	2.4275-5.8092i	-5.8839-3.3307i	26.0890-28.2590i	8.1959-3.8999i	-7.0319-0.8287i	26.6766-19.7721i
79.1	0.9035+1.3603i	45.0987+106.3229i	1.9440-5.6210i	-6.2136-3.0162i	24.1658-28.7854i	7.8809-4.0569i	-7.1190-0.4918i	24.9736-20.2467i
79.2	0.9207+1.4744i	47.7939+105.6689i	1.2867-5.2197i	-6.6420-2.3702i	21.3681-29.1986i	7.4827-4.3060i	-7.2685+0.2002i	22.7042-20.5915i
79.3	0.8833+1.5837i	48.0616+113.8835i	0.5762-4.9755i	-7.3196-1.7775i	18.8245-30.3559i	7.2121-4.6624i	-7.6707+0.8775i	20.6130-21.3107i
79.4	0.9331+1.6258i	53.4887+115.7757i	0.2222-4.5768i	-7.4829-1.1366i	17.0508-30.2804i	6.9017-4.7815i	-7.6753+1.4626i	19.1882-21.1117i
79.5	1.0354+1.6671i	56.1769+114.0121i	0.0761-3.9235i	-7.5298-0.1445i	15.5905-29.7821i	6.6736-4.9506i	-7.5567+2.3500i	18.5515-20.4712i
79.6	1.1194+1.6697i	56.7745+114.7959i	-0.0551-3.4892i	-7.3542+0.4713i	13.8125-29.3697i	6.2813-5.0450i	-7.1567+2.9220i	17.4519-20.4935i
79.7	1.2173+1.6715i	57.4569+120.6194i	-0.1423-3.2252i	-7.2795+1.0549i	12.6381-29.7644i	6.0240-5.2673i	-6.9204+3.4723i	16.8690-21.1204i
79.8	1.2864+1.6856i	60.7197+119.0223i	-0.0211-2.7597i	-7.0622+1.7063i	11.9852-29.1107i	5.8612-5.3420i	-6.5929+3.9791i	16.6878-20.7619i
79.9	1.3400+1.7094i	66.6596+117.7261i	-0.0067-2.2119i	-6.7235+2.4054i	10.5277-28.3065i	5.4978-5.4131i	-6.0988+4.5573i	15.9821-20.3511i
80.0	1.3860+1.6995i	75.3733+118.8087i	0.0148-1.8367i	-6.3274+2.9350i	9.1866-27.7301i	5.1337-5.4632i	-5.5883+4.9643i	15.2061-20.2633i

2.1.57 Run 5 – VTC-200 – Accels 17–24

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-1.1972+0.0000i	-0.3339+0.0000i	11.5182+0.0000i	5.6606+0.0000i	6.1308+0.0000i	1.3853+0.0000i	2.8330+0.0000i	6.0267+0.0000i
0.1	0.2924-0.4954i	0.3692-0.0520i	2.0325-0.5805i	0.7672-0.9030i	0.8133-1.1054i	-0.6671-1.1669i	-0.3185-0.0679i	0.2633+0.1957i
0.2	0.0789+0.0403i	0.0900-0.1345i	0.0663-0.0086i	-0.0433+0.1538i	0.0718-0.0885i	0.1145+0.6252i	-0.0218-0.2383i	0.0251-0.2170i
0.3	-0.0027+0.0315i	0.0323-0.0413i	0.0096-0.0011i	0.0575-0.0096i	-0.0286-0.0319i	0.0530-0.0392i	-0.0169-0.0609i	0.1219-0.1098i
0.4	0.0065+0.0124i	0.0001-0.0214i	0.0174+0.0011i	0.0730-0.0281i	-0.0299-0.0002i	0.0176-0.0294i	-0.0418+0.0194i	0.0034-0.0207i
0.5	-0.0046+0.0025i	-0.0112-0.0090i	0.0079+0.0106i	0.0007-0.0109i	-0.0196-0.0056i	0.0124-0.0053i	0.0029+0.0196i	0.0045+0.0038i
0.6	0.0133+0.0065i	-0.0030-0.0017i	0.0074+0.0048i	-0.0099-0.0020i	-0.0025-0.0089i	0.0005-0.0055i	-0.0009+0.0042i	0.0011+0.0061i
0.7	0.0066+0.0016i	-0.0015+0.0017i	0.0109+0.0025i	-0.0076-0.0028i	0.0025+0.0019i	-0.0006-0.0047i	0.0016-0.0025i	0.0024+0.0010i
0.8	0.0037-0.0025i	-0.0006+0.0044i	0.0100-0.0038i	-0.0041+0.0018i	0.0011+0.0008i	-0.0018+0.0038i	-0.0030+0.0002i	-0.0007+0.0006i
0.9	0.0014+0.0007i	0.0045+0.0036i	-0.0033-0.0075i	0.0021+0.0042i	0.0084-0.0015i	-0.0009-0.0006i	-0.0037+0.0006i	0.0040+0.0025i
1.0	-0.0001+0.0013i	0.0046+0.0013i	0.0043+0.0010i	-0.0080+0.0011i	0.0074-0.0006i	0.0016-0.0022i	0.0023+0.0008i	0.0030+0.0021i
1.1	-0.0026-0.0014i	0.0037+0.0001i	0.0091+0.0002i	-0.0039+0.0005i	0.0041-0.0002i	-0.0014+0.0003i	0.0013+0.0002i	0.0033+0.0002i
1.2	-0.0016-0.0019i	0.0032+0.0005i	0.0083-0.0018i	0.0033-0.0005i	0.0039-0.0005i	-0.0025+0.0021i	-0.0013+0.0012i	0.0035+0.0007i
1.3	-0.0018-0.0010i	0.0037+0.0006i	0.0087-0.0008i	0.0032-0.0010i	0.0048+0.0001i	-0.0058+0.0008i	0.0014+0.0004i	0.0025-0.0003i
1.4	-0.0003-0.0007i	0.0049+0.0008i	0.0070-0.0017i	0.0016-0.0014i	0.0058-0.0014i	-0.0077-0.0030i	0.0000-0.0015i	0.0050+0.0004i
1.5	0.0024-0.0023i	0.0053-0.0017i	0.0089+0.0010i	0.0030-0.0023i	0.0096-0.0080i	-0.0074-0.0001i	0.0020-0.0007i	0.0089-0.0047i
1.6	-0.0006-0.0055i	0.0054-0.0026i	0.0122+0.0018i	0.0008-0.0031i	0.0011-0.0129i	-0.0058+0.0026i	0.0049+0.0012i	0.0048-0.0085i
1.7	0.0001-0.0054i	0.0070-0.0027i	0.0134-0.0021i	0.0026-0.0026i	-0.0029-0.0048i	-0.0075+0.0026i	0.0063-0.0016i	0.0031-0.0037i
1.8	0.0066-0.0098i	0.0118-0.0044i	0.0146-0.0138i	0.0076-0.0081i	0.0023-0.0017i	-0.0090+0.0003i	0.0104-0.0099i	0.0077-0.0033i
1.9	0.0019-0.0223i	0.0177-0.0079i	0.0082-0.0276i	0.0042-0.0223i	0.0049-0.0030i	-0.0110+0.0023i	0.0084-0.0235i	0.0115-0.0058i
2.0	-0.0159-0.0340i	0.0223-0.0225i	-0.0169-0.0296i	-0.0093-0.0348i	0.0062-0.0074i	-0.0111+0.0033i	-0.0046-0.0396i	0.0159-0.0174i
2.1	-0.0332-0.0349i	0.0061-0.0499i	-0.0230-0.0125i	-0.0292-0.0418i	0.0001-0.0173i	-0.0100+0.0016i	-0.0264-0.0516i	0.0051-0.0397i
2.2	-0.0873-0.0702i	-0.0507-0.0137i	-0.0330-0.0605i	-0.0933-0.0704i	-0.0183-0.0033i	-0.0069+0.0061i	-0.1000-0.0715i	-0.0396-0.0147i
2.3	-0.2017-0.0116i	-0.0345+0.0092i	-0.1287-0.0228i	-0.2033-0.0073i	-0.0087+0.0033i	0.0026+0.0028i	-0.2058-0.0056i	-0.0345+0.0043i
2.4	-0.0450+0.1762i	-0.0147-0.0000i	-0.0238+0.1185i	-0.0465+0.1732i	-0.0052-0.0049i	-0.0110-0.0129i	-0.0461+0.1715i	-0.0123+0.0062i
2.5	0.0833+0.0923i	-0.0130-0.0015i	0.0656+0.0576i	0.0791+0.0891i	-0.0075-0.0030i	-0.0233-0.0064i	0.0777+0.0863i	-0.0056+0.0036i
2.6	0.0500+0.0264i	-0.0127-0.0023i	0.0383+0.0164i	0.0479+0.0248i	-0.0051-0.0007i	-0.0218-0.0022i	0.0462+0.0235i	-0.0071-0.0006i
2.7	0.0395+0.0131i	-0.0099-0.0004i	0.0326+0.0060i	0.0351+0.0139i	-0.0040-0.0001i	-0.0239-0.0023i	0.0349+0.0123i	-0.0048-0.0017i
2.8	0.0286+0.0100i	-0.0091-0.0005i	0.0262+0.0037i	0.0235+0.0113i	-0.0034-0.0004i	-0.0237-0.0005i	0.0218+0.0080i	-0.0040-0.0014i
2.9	0.0278+0.0100i	-0.0079-0.0017i	0.0221+0.0023i	0.0245+0.0097i	-0.0020-0.0018i	-0.0256+0.0007i	0.0225+0.0084i	-0.0037-0.0005i
3.0	0.0249+0.0033i	-0.0084-0.0024i	0.0190+0.0023i	0.0224+0.0046i	-0.0025-0.0008i	-0.0284-0.0010i	0.0207+0.0034i	-0.0050-0.0008i
3.1	0.0153+0.0045i	-0.0087-0.0012i	0.0140+0.0024i	0.0164+0.0047i	-0.0012+0.0010i	-0.0299+0.0001i	0.0138+0.0037i	-0.0052+0.0008i
3.2	0.0173+0.0139i	-0.0072-0.0030i	0.0179+0.0044i	0.0134+0.0114i	0.0008-0.0007i	-0.0332-0.0003i	0.0132+0.0118i	-0.0029-0.0007i
3.3	0.0263+0.0142i	-0.0089-0.0036i	0.0134-0.0080i	0.0216+0.0100i	-0.0023-0.0018i	-0.0373+0.0002i	0.0218+0.0129i	-0.0031-0.0021i
3.4	0.0299+0.0099i	-0.0081-0.0024i	-0.0012-0.0060i	0.0219+0.0056i	-0.0037-0.0009i	-0.0365-0.0012i	0.0249+0.0116i	-0.0045+0.0004i
3.5	0.0328+0.0038i	-0.0113-0.0053i	-0.0103+0.0118i	0.0226+0.0025i	-0.0067-0.0027i	-0.0388-0.0063i	0.0237+0.0117i	0.0000-0.0018i
3.6	0.0330+0.0033i	-0.0104-0.0095i	-0.0019+0.0237i	0.0220+0.0062i	-0.0037+0.0028i	-0.0418-0.0005i	0.0248+0.0054i	0.0016-0.0042i
3.7	0.0192-0.0052i	-0.0101+0.0037i	0.0288+0.0085i	0.0161-0.0010i	-0.0069-0.0006i	-0.0405+0.0047i	0.0112-0.0040i	-0.0042+0.0004i
3.8	0.0211-0.0029i	-0.0107+0.0014i	0.0254+0.0037i	0.0149-0.0008i	-0.0042+0.0001i	-0.0439+0.0014i	0.0121-0.0007i	-0.0044+0.0011i
3.9	0.0225-0.0009i	-0.0109-0.0002i	0.0206+0.0022i	0.0150-0.0006i	-0.0034-0.0002i	-0.0475+0.0020i	0.0125+0.0004i	-0.0046-0.0007i
4.0	0.0249-0.0001i	-0.0122-0.0016i	0.0180+0.0031i	0.0159+0.0004i	-0.0042-0.0011i	-0.0501+0.0014i	0.0135+0.0003i	-0.0055-0.0020i
4.1	0.0265+0.0002i	-0.0135-0.0013i	0.0173+0.0026i	0.0160+0.0004i	-0.0048-0.0006i	-0.0518-0.0002i	0.0132-0.0003i	-0.0068-0.0015i
4.2	0.0286+0.0000i	-0.0144-0.0000i	0.0168+0.0002i	0.0166+0.0012i	-0.0050+0.0003i	-0.0548-0.0009i	0.0137+0.0005i	-0.0068+0.0006i
4.3	0.0291+0.0011i	-0.0150+0.0013i	0.0150-0.0039i	0.0167+0.0008i	-0.0070+0.0015i	-0.0592-0.0003i	0.0140+0.0012i	-0.0085+0.0027i
4.4	0.0312+0.0006i	-0.0164+0.0059i	0.0052-0.0084i	0.0185-0.0003i	-0.0076+0.0057i	-0.0635-0.0002i	0.0150+0.0010i	-0.0075+0.0057i
4.5	0.0332-0.0006i	-0.0161+0.0076i	-0.0040-0.0056i	0.0186-0.0010i	-0.0066+0.0067i	-0.0687-0.0006i	0.0152+0.0002i	-0.0076+0.0077i
4.6	0.0347-0.0008i	-0.0149+0.0090i	-0.0091-0.0042i	0.0186-0.0016i	-0.0060+0.0091i	-0.0707-0.0010i	0.0157+0.0006i	-0.0060+0.0095i
4.7	0.0356-0.0008i	-0.0097+0.0159i	-0.0179-0.0075i	0.0186+0.0012i	-0.0033+0.0130i	-0.0723+0.0012i	0.0147+0.0041i	-0.0017+0.0144i
4.8	0.0374+0.0004i	0.0053+0.0178i	-0.0364-0.0003i	0.0201+0.0021i	0.0104+0.0148i	-0.0794+0.0005i	0.0167+0.0051i	0.0147+0.0149i
4.9	0.0449+0.0073i	0.0177-0.0044i	-0.0398+0.0283i	0.0296+0.0101i	0.0233-0.0048i	-0.0822-0.0046i	0.0260+0.0071i	0.0293-0.0044i
5.0	0.0534-0.0041i	-0.0123-0.0117i	-0.0068+0.0062i	0.0329-0.0056i	-0.0005-0.0107i	-0.0913-0.0139i	0.0263-0.0069i	0.0006-0.0133i
5.1	0.0564-0.0036i	-0.0139-0.0107i	-0.0187+0.0044i	0.0323-0.0052i	-0.0022-0.0076i	-0.0994-0.0134i	0.0271-0.0080i	-0.0026-0.0107i
5.2	0.0665-0.0029i	-0.0131-0.0098i	-0.0309+0.0095i	0.0396-0.0054i	-0.0033-0.0064i	-0.1137-0.0102i	0.0333-0.0082i	-0.0033-0.0094i
5.3	0.0677-0.0169i	-0.0111-0.0056i	-0.0588-0.0001i	0.0382-0.0173i	-0.0018-0.0048i	-0.1166+0.0048i	0.0307-0.0178i	-0.0038-0.0051i
5.4	0.0613-0.0242i	-0.0133-0.0095i	-0.0901+0.0206i	0.0304-0.0199i	-0.0016-0.0093i	-0.1073+0.0094i	0.0203-0.0240i	-0.0015-0.0082i
5.5	0.0531-0.0247i	-0.0221-0.0213i	-0.0949+0.0648i	0.0133-0.0213i	-0.0023-0.0186i	-0.1061+0.0012i	0.0039-0.0246i	-0.0069-0.0204i
5.6	0.0548-0.0098i	-0.0361-0.0040i	-0.0777+0.0610i	0.0094-0.0005i	-0.0169-0.0053i	-0.1225-0.0046i	-0.0022-0.0030i	-0.0246-0.0030i

5.7	0.0661-0.0019i	-0.0298+0.0105i	-0.0893+0.0304i	0.0126+0.0093i	-0.0110+0.0106i	-0.1339-0.0042i	0.0025+0.0107i	-0.0143+0.0136i
5.8	0.0813+0.0104i	-0.0229+0.0115i	-0.1229+0.0431i	0.0223+0.0185i	-0.0035+0.0104i	-0.1455-0.0069i	0.0115+0.0217i	-0.0043+0.0140i
5.9	0.0963+0.0108i	-0.0148+0.0096i	-0.1430+0.0577i	0.0356+0.0206i	0.0041+0.0076i	-0.1515-0.0096i	0.0228+0.0238i	0.0056+0.0108i
6.0	0.1134+0.0083i	-0.0098-0.0028i	-0.1732+0.0726i	0.0458+0.0177i	0.0101-0.0046i	-0.1611-0.0105i	0.0327+0.0193i	0.0127-0.0032i
6.1	0.1360+0.0086i	-0.0188-0.0122i	-0.2043+0.1009i	0.0568+0.0198i	0.0033-0.0136i	-0.1741-0.0117i	0.0407+0.0204i	0.0053-0.0135i
6.2	0.1555+0.0113i	-0.0264-0.0148i	-0.2255+0.1146i	0.0663+0.0232i	-0.0029-0.0158i	-0.1848-0.0139i	0.0482+0.0241i	-0.0019-0.0157i
6.3	0.1889+0.0070i	-0.0367-0.0095i	-0.2654+0.1334i	0.0842+0.0243i	-0.0099-0.0125i	-0.2014-0.0107i	0.0625+0.0259i	-0.0087-0.0119i
6.4	0.2221+0.0027i	-0.0419-0.0068i	-0.3215+0.1507i	0.1008+0.0236i	-0.0125-0.0101i	-0.2149-0.0082i	0.0763+0.0265i	-0.0106-0.0094i
6.5	0.2644-0.0070i	-0.0483-0.0046i	-0.3901+0.1838i	0.1212+0.0211i	-0.0149-0.0090i	-0.2279-0.0018i	0.0934+0.0249i	-0.0120-0.0081i
6.6	0.3135-0.0257i	-0.0546+0.0010i	-0.4877+0.2328i	0.1443+0.0145i	-0.0171-0.0062i	-0.2322+0.0025i	0.1109+0.0207i	-0.0135-0.0046i
6.7	0.3874-0.0510i	-0.0614+0.0066i	-0.6305+0.3105i	0.1809+0.0087i	-0.0185-0.0036i	-0.2405-0.0007i	0.1401+0.0184i	-0.0141-0.0015i
6.8	0.5041-0.1179i	-0.0700+0.0144i	-0.8405+0.4946i	0.2401-0.0146i	-0.0191-0.0024i	-0.2567-0.0057i	0.1884+0.0025i	-0.0122-0.0003i
6.9	0.6792-0.2415i	-0.0852+0.0245i	-1.1640+0.8135i	0.3272-0.0631i	-0.0220-0.0022i	-0.2725-0.0114i	0.2594-0.0334i	-0.0108-0.0009i
7.0	0.7956-0.5457i	-0.0990+0.0536i	-1.2979+1.5238i	0.3975-0.1918i	-0.0299+0.0044i	-0.2922-0.0208i	0.3195-0.1308i	-0.0146+0.0006i
7.1	0.7339-1.0753i	-0.0959+0.1099i	-0.9069+2.6434i	0.4098-0.4362i	-0.0352+0.0199i	-0.3328-0.0272i	0.3418-0.3214i	-0.0176+0.0083i
7.2	0.0207-1.4596i	-0.0214+0.1592i	0.7548+3.1003i	0.1090-0.6689i	-0.0142+0.0403i	-0.3584+0.0011i	0.1140-0.5156i	-0.0049+0.0241i
7.3	-0.5018-1.3289i	0.0482+0.1450i	1.7216+2.6970i	-0.1460-0.6357i	0.0080+0.0354i	-0.3601-0.0390i	-0.0851-0.4975i	0.0185+0.0204i
7.4	-0.8414-0.9440i	0.0825+0.0847i	2.4221+1.8603i	-0.3168-0.4728i	0.0150+0.0208i	-0.4588-0.0499i	-0.2214-0.3837i	0.0181-0.0048i
7.5	-0.8655-0.6229i	0.0744+0.0470i	2.4470+1.1246i	-0.3413-0.3329i	0.0139+0.0130i	-0.5059-0.0045i	-0.2492-0.2788i	0.0076-0.0116i
7.6	-0.6928-0.3578i	0.0498+0.0244i	1.9670+0.5365i	-0.2829-0.2099i	0.0109+0.0066i	-0.5108+0.0335i	-0.2141-0.1807i	0.0010-0.0092i
7.7	-0.6261-0.2843i	0.0430+0.0169i	1.8006+0.4004i	-0.2576-0.1749i	0.0100+0.0037i	-0.5278+0.0270i	-0.1951-0.1513i	0.0004-0.0094i
7.8	-0.5684-0.2814i	0.0342+0.0161i	1.7066+0.4360i	-0.2318-0.1725i	0.0074+0.0021i	-0.5899+0.0130i	-0.1758-0.1479i	-0.0016-0.0102i
7.9	-0.5816-0.2674i	0.0290+0.0144i	1.7964+0.4263i	-0.2403-0.1664i	0.0046+0.0003i	-0.6910+0.0176i	-0.1849-0.1438i	-0.0052-0.0103i
8.0	-0.5938-0.2137i	0.0277+0.0125i	1.8779+0.2577i	-0.2489-0.1437i	0.0043+0.0008i	-0.7691+0.0705i	-0.1931-0.1262i	-0.0055-0.0076i
8.1	-0.5923-0.1827i	0.0269+0.0088i	1.9009+0.1365i	-0.2511-0.1315i	0.0049-0.0005i	-0.8430+0.1031i	-0.1962-0.1178i	-0.0049-0.0095i
8.2	-0.6151-0.1522i	0.0237+0.0059i	1.9490+0.0199i	-0.2664-0.1207i	0.0014-0.0018i	-0.9276+0.1562i	-0.2104-0.1083i	-0.0087-0.0106i
8.3	-0.6303-0.1075i	0.0199+0.0039i	1.9565-0.1074i	-0.2807-0.0997i	-0.0006-0.0019i	-0.9976+0.2241i	-0.2261-0.0908i	-0.0121-0.0092i
8.4	-0.6383-0.0581i	0.0168+0.0033i	1.9864-0.2351i	-0.2866-0.0764i	-0.0021+0.0000i	-1.0935+0.3104i	-0.2322-0.0703i	-0.0136-0.0064i
8.5	-0.6461-0.0309i	0.0160+0.0033i	2.0152-0.3257i	-0.2923-0.0651i	-0.0028+0.0008i	-1.1617+0.3849i	-0.2373-0.0613i	-0.0140-0.0053i
8.6	-0.6771+0.0135i	0.0149+0.0026i	2.1074-0.4637i	-0.3106-0.0457i	-0.0034+0.0015i	-1.3010+0.4973i	-0.2541-0.0443i	-0.0150-0.0033i
8.7	-0.7174+0.0640i	0.0169+0.0014i	2.2488-0.6126i	-0.3307-0.0230i	-0.0037+0.0032i	-1.4642+0.6366i	-0.2710-0.0248i	-0.0151-0.0015i
8.8	-0.7606+0.1603i	0.0171-0.0012i	2.3416-0.9415i	-0.3596+0.0169i	-0.0064+0.0029i	-1.5900+0.9565i	-0.2975+0.0081i	-0.0181-0.0006i
8.9	-0.8046+0.2583i	0.0158-0.0042i	2.4690-1.2597i	-0.3853+0.0573i	-0.0102+0.0039i	-1.7302+1.2621i	-0.3199+0.0420i	-0.0227+0.0013i
9.0	-0.8250+0.4199i	0.0152-0.0069i	2.5293-1.7856i	-0.4011+0.1273i	-0.0120+0.0127i	-1.8005+1.7698i	-0.3338+0.1016i	-0.0238+0.0094i
9.1	-0.7471+0.5308i	0.0149-0.0056i	2.3267-2.1095i	-0.3688+0.1835i	-0.0022+0.0183i	-1.6167+2.0866i	-0.3065+0.1495i	-0.0141+0.0160i
9.2	-0.7965+0.7286i	0.0201-0.0103i	2.4648-2.8134i	-0.3974+0.2691i	0.0033+0.0198i	-1.7654+2.7676i	-0.3321+0.2208i	-0.0107+0.0173i
9.3	-0.5868+1.1119i	0.0179-0.0238i	1.6402-4.0681i	-0.3248+0.4437i	0.0106+0.0217i	-0.9745+3.9891i	-0.2744+0.3694i	-0.0041+0.0225i
9.4	-0.0441+1.1702i	0.0035-0.0339i	-0.2360-4.1373i	-0.0974+0.4912i	0.0204+0.0147i	0.8452+4.0506i	-0.0838+0.4120i	0.0077+0.0189i
9.5	0.3083+0.9401i	-0.0092-0.0331i	-1.3658-3.2633i	0.0621+0.4068i	0.0241+0.0053i	1.9484+3.1942i	0.0525+0.3433i	0.0133+0.0101i
9.6	0.3822+0.6889i	-0.0151-0.0277i	-1.5356-2.3717i	0.1056+0.3042i	0.0223-0.0004i	2.1080+2.3235i	0.0912+0.2579i	0.0125+0.0049i
9.7	0.3504+0.4387i	-0.0172-0.0224i	-1.3423-1.5431i	0.1032+0.1938i	0.0179-0.0062i	1.9199+1.5058i	0.0883+0.1660i	0.0093-0.0032i
9.8	0.3297+0.3116i	-0.0196-0.0176i	-1.2297-1.1154i	0.1002+0.1398i	0.0155-0.0091i	1.7970+1.0834i	0.0877+0.1196i	0.0086-0.0054i
9.9	0.2829+0.2336i	-0.0219-0.0155i	-1.0489-0.8566i	0.0828+0.1053i	0.0117-0.0108i	1.6084+0.8290i	0.0739+0.0907i	0.0055-0.0069i
10.0	0.2369+0.1917i	-0.0232-0.0139i	-0.8825-0.7222i	0.0632+0.0876i	0.0086-0.0112i	1.4374+0.6979i	0.0587+0.0750i	0.0023-0.0084i
10.1	0.1926+0.1542i	-0.0226-0.0133i	-0.7114-0.6114i	0.0454+0.0703i	0.0071-0.0128i	1.2580+0.5889i	0.0439+0.0593i	0.0011-0.0097i
10.2	0.1641+0.1326i	-0.0240-0.0119i	-0.5870-0.5468i	0.0348+0.0600i	0.0062-0.0123i	1.1322+0.5310i	0.0348+0.0511i	0.0010-0.0098i
10.3	0.1425+0.1223i	-0.0255-0.0129i	-0.5023-0.5262i	0.0256+0.0538i	0.0052-0.0125i	1.0467+0.5183i	0.0274+0.0471i	0.0003-0.0111i
10.4	0.1290+0.1204i	-0.0306-0.0130i	-0.4715-0.5344i	0.0190+0.0521i	0.0034-0.0123i	1.0135+0.5313i	0.0218+0.0461i	-0.0012-0.0113i
10.5	0.1264+0.1129i	-0.0329-0.0101i	-0.4716-0.5009i	0.0182+0.0479i	0.0022-0.0130i	1.0180+0.5130i	0.0202+0.0431i	-0.0019-0.0122i
10.6	0.1239+0.0949i	-0.0313-0.0059i	-0.4658-0.4252i	0.0164+0.0394i	0.0015-0.0152i	1.0264+0.4595i	0.0202+0.0355i	-0.0029-0.0161i
10.7	0.1186+0.0797i	-0.0289-0.0035i	-0.4279-0.3447i	0.0129+0.0336i	0.0012-0.0140i	1.0101+0.3929i	0.0193+0.0315i	-0.0032-0.0152i
10.8	0.1069+0.0642i	-0.0292-0.0057i	-0.3603-0.2817i	0.0073+0.0286i	0.0000-0.0160i	0.9683+0.3207i	0.0134+0.0265i	-0.0042-0.0151i
10.9	0.0970+0.0535i	-0.0306-0.0076i	-0.3113-0.2417i	0.0026+0.0245i	-0.0015-0.0181i	0.9259+0.2760i	0.0096+0.0219i	-0.0052-0.0180i
11.0	0.0853+0.0453i	-0.0333-0.0097i	-0.2676-0.2097i	-0.0035+0.0208i	-0.0036-0.0189i	0.8803+0.2437i	0.0042+0.0186i	-0.0083-0.0194i
11.1	0.0753+0.0421i	-0.0354-0.0109i	-0.2057-0.1906i	-0.0077+0.0196i	-0.0046-0.0192i	0.8375+0.2259i	0.0009+0.0174i	-0.0090-0.0211i
11.2	0.0667+0.0355i	-0.0383-0.0098i	-0.1595-0.1588i	-0.0126+0.0163i	-0.0078-0.0213i	0.8012+0.2044i	-0.0027+0.0147i	-0.0130-0.0225i
11.3	0.0604+0.0309i	-0.0397-0.0097i	-0.1184-0.1477i	-0.0161+0.0155i	-0.0098-0.0215i	0.7759+0.1919i	-0.0054+0.0131i	-0.0155-0.0227i
11.4	0.0542+0.0276i	-0.0416-0.0096i	-0.0670-0.1401i	-0.0207+0.0143i	-0.0128-0.0210i	0.7475+0.1765i	-0.0088+0.0125i	-0.0172-0.0219i
11.5	0.0457+0.0240i	-0.0454-0.0095i	-0.0330-0.1357i	-0.0248+0.0148i	-0.0160-0.0209i	0.7165+0.1643i	-0.0123+0.0122i	-0.0203-0.0214i
11.6	0.0387+0.0217i	-0.0496-0.0078i	0.0119-0.1308i	-0.0277+0.0144i	-0.0186-0.0186i	0.6890+0.1595i	-0.0154+0.0114i	-0.0238-0.0199i
11.7	0.0328+0.0200i	-0.0524-0.0070i	0.0629-0.1238i	-0.0319+0.0130i	-0.0201-0.0182i	0.6618+0.1538i	-0.0191+0.0099i	-0.0262-0.0192i
11.8	0.0267+0.0182i	-0.0557-0.0072i	0.1131-0.1345i	-0.0365+0.0139i	-0.0224-0.0172i	0.6396+0.1512i	-0.0222+0.0090i	-0.0284-0.0181i
11.9	0.0192+0.0194i	-0.0588-0.0063i	0.1501-0.1553i	-0.0402+0.0138i	-0.0256-0.0146i	0.6108+0.1512i	-0.0262+0.0079i	-0.0323-0.0146i

12.0	0.0154+0.0189i	-0.0629-0.0035i	0.1570-0.1501i	-0.0426+0.0144i	-0.0272-0.0114i	0.5942+0.1562i	-0.0293+0.0073i	-0.0333-0.0127i
12.1	0.0105+0.0200i	-0.0672-0.0004i	0.1648-0.1957i	-0.0460+0.0154i	-0.0296-0.0095i	0.5739+0.1711i	-0.0323+0.0074i	-0.0333-0.0113i
12.2	0.0073+0.0226i	-0.0699+0.0012i	0.1665-0.2117i	-0.0489+0.0162i	-0.0302-0.0092i	0.5629+0.1874i	-0.0355+0.0096i	-0.0351-0.0098i
12.3	0.0043+0.0261i	-0.0746+0.0030i	0.1599-0.2403i	-0.0519+0.0160i	-0.0324-0.0075i	0.5548+0.2099i	-0.0399+0.0101i	-0.0372-0.0084i
12.4	0.0032+0.0298i	-0.0793+0.0044i	0.1571-0.2690i	-0.0550+0.0173i	-0.0325-0.0055i	0.5599+0.2331i	-0.0441+0.0099i	-0.0378-0.0066i
12.5	0.0057+0.0341i	-0.0849+0.0084i	0.0584-0.2754i	-0.0588+0.0201i	-0.0313-0.0034i	0.5892+0.2549i	-0.0472+0.0132i	-0.0367-0.0063i
12.6	0.0109+0.0332i	-0.0896+0.0132i	-0.0566-0.2321i	-0.0603+0.0219i	-0.0302-0.0025i	0.6259+0.2591i	-0.0491+0.0141i	-0.0341-0.0058i
12.7	0.0185+0.0284i	-0.0955+0.0150i	-0.2237-0.1364i	-0.0615+0.0213i	-0.0274-0.0060i	0.6704+0.2518i	-0.0524+0.0159i	-0.0320-0.0086i
12.8	0.0204+0.0189i	-0.0998+0.0204i	-0.3164+0.0682i	-0.0661+0.0193i	-0.0293-0.0130i	0.6978+0.2201i	-0.0564+0.0188i	-0.0335-0.0171i
12.9	0.0214+0.0061i	-0.1059+0.0238i	-0.4360+0.3074i	-0.0699+0.0155i	-0.0330-0.0256i	0.7211+0.1855i	-0.0608+0.0201i	-0.0364-0.0295i
13.0	0.0177-0.0085i	-0.1137+0.0292i	-0.4329+0.7074i	-0.0767+0.0152i	-0.0481-0.0390i	0.7332+0.1397i	-0.0645+0.0247i	-0.0488-0.0460i
13.1	0.0024-0.0210i	-0.1240+0.0338i	-0.2481+1.0955i	-0.0876+0.0150i	-0.0765-0.0443i	0.7254+0.0950i	-0.0671+0.0285i	-0.0783-0.0548i
13.2	-0.0194-0.0308i	-0.1447+0.0397i	-0.0547+1.4969i	-0.1030+0.0156i	-0.1193-0.0440i	0.7143+0.0550i	-0.0700+0.0318i	-0.1209-0.0550i
13.3	-0.0432-0.0336i	-0.1706+0.0584i	0.2111+1.8597i	-0.1190+0.0186i	-0.1636-0.0217i	0.6995+0.0277i	-0.0734+0.0328i	-0.1655-0.0352i
13.4	-0.0702-0.0297i	-0.2006+0.0958i	0.4408+2.4179i	-0.1381+0.0291i	-0.2125+0.0276i	0.6906-0.0001i	-0.0788+0.0323i	-0.2162+0.0074i
13.5	-0.0966-0.0084i	-0.2159+0.1806i	1.1218+3.6201i	-0.1569+0.0559i	-0.2416+0.1432i	0.6792-0.0457i	-0.0870+0.0324i	-0.2494+0.1121i
13.6	-0.1161+0.0226i	-0.1819+0.2789i	2.6849+4.8334i	-0.1694+0.0917i	-0.2011+0.2767i	0.6446-0.0938i	-0.1011+0.0377i	-0.2234+0.2356i
13.7	-0.1146+0.0588i	-0.0683+0.3407i	5.4754+4.9369i	-0.1566+0.1269i	-0.0564+0.3571i	0.5851-0.1079i	-0.1153+0.0521i	-0.0998+0.3209i
13.8	-0.0999+0.0800i	0.0639+0.3309i	8.3996+3.7239i	-0.1348+0.1412i	0.1048+0.3452i	0.5427-0.0898i	-0.1252+0.0662i	0.0466+0.3257i
13.9	-0.0885+0.0893i	0.1472+0.2554i	10.5152+1.2413i	-0.1275+0.1444i	0.2094+0.2583i	0.5471-0.0606i	-0.1384+0.0837i	0.1474+0.2543i
14.0	-0.0862+0.0982i	0.1729+0.1666i	11.7940-1.8447i	-0.1340+0.1528i	0.2513+0.1524i	0.5840-0.0502i	-0.1568+0.1061i	0.1917+0.1614i
14.1	-0.0907+0.1097i	0.1610+0.1124i	11.9790-4.7419i	-0.1479+0.1730i	0.2436+0.0767i	0.6312-0.0821i	-0.1708+0.1373i	0.1880+0.0961i
14.2	-0.0943+0.1378i	0.1393+0.0685i	11.6896-8.6648i	-0.1595+0.2237i	0.2249+0.0081i	0.6780-0.1839i	-0.1793+0.1999i	0.1717+0.0390i
14.3	-0.0785+0.1813i	0.1172+0.0285i	9.6025-14.0882i	-0.1375+0.3124i	0.1902-0.0620i	0.6702-0.3797i	-0.1550+0.2989i	0.1449-0.0139i
14.4	-0.0226+0.2249i	0.0893+0.0002i	3.5626-18.5390i	-0.0340+0.3987i	0.1315-0.1100i	0.4745-0.5833i	-0.0486+0.3916i	0.1059-0.0473i
14.5	0.0472+0.2179i	0.0557-0.0059i	-3.6058-17.2747i	0.1026+0.3823i	0.0717-0.1078i	0.1746-0.5669i	0.0928+0.3765i	0.0668-0.0496i
14.6	0.0979+0.1651i	0.0277+0.0038i	-8.3354-12.0107i	0.2017+0.2761i	0.0275-0.0775i	-0.0568-0.3604i	0.1970+0.2724i	0.0386-0.0383i
14.7	0.1024+0.1119i	0.0119+0.0208i	-8.9640-7.3749i	0.2125+0.1730i	0.0107-0.0501i	-0.1056-0.1473i	0.2113+0.1712i	0.0273-0.0250i
14.8	0.0902+0.0856i	0.0087+0.0300i	-8.0848-4.7745i	0.1887+0.1152i	0.0093-0.0342i	-0.0748-0.0071i	0.1910+0.1128i	0.0230-0.0172i
14.9	0.0784+0.0668i	0.0105+0.0461i	-6.7473-3.0324i	0.1551+0.0689i	0.0108-0.0275i	0.0077+0.1198i	0.1588+0.0674i	0.0201-0.0133i
15.0	0.0715+0.0595i	0.0177+0.0563i	-5.8614-2.3415i	0.1299+0.0509i	0.0104-0.0246i	0.0869+0.1773i	0.1355+0.0495i	0.0176-0.0125i
15.1	0.0685+0.0539i	0.0282+0.0566i	-5.3746-1.7782i	0.1136+0.0387i	0.0091-0.0190i	0.1527+0.1998i	0.1189+0.0371i	0.0162-0.0098i
15.2	0.0637+0.0472i	0.0402+0.0496i	-4.8172-1.3951i	0.0928+0.0331i	0.0077-0.0129i	0.2235+0.1951i	0.0991+0.0306i	0.0123-0.0076i
15.3	0.0578+0.0384i	0.0412+0.0346i	-4.3324-1.0164i	0.0781+0.0276i	0.0083-0.0071i	0.2496+0.1613i	0.0881+0.0248i	0.0126-0.0031i
15.4	0.0530+0.0309i	0.0402+0.0235i	-3.9974-0.6412i	0.0686+0.0218i	0.0082-0.0063i	0.2652+0.1430i	0.0788+0.0191i	0.0126-0.0018i
15.5	0.0469+0.0273i	0.0374+0.0166i	-3.7183-0.5191i	0.0605+0.0202i	0.0082-0.0064i	0.2672+0.1320i	0.0712+0.0197i	0.0134-0.0009i
15.6	0.0411+0.0253i	0.0327+0.0109i	-3.4116-0.3985i	0.0520+0.0210i	0.0099-0.0051i	0.2689+0.1214i	0.0635+0.0198i	0.0126-0.0013i
15.7	0.0335+0.0232i	0.0268+0.0069i	-3.1437-0.2955i	0.0434+0.0188i	0.0125-0.0055i	0.2654+0.1199i	0.0586+0.0174i	0.0117-0.0036i
15.8	0.0264+0.0206i	0.0215+0.0036i	-2.9884-0.2080i	0.0372+0.0164i	0.0115-0.0059i	0.2590+0.1174i	0.0542+0.0158i	0.0110-0.0035i
15.9	0.0212+0.0203i	0.0150+0.0022i	-2.8098-0.1138i	0.0293+0.0177i	0.0124-0.0052i	0.2507+0.1212i	0.0482+0.0153i	0.0114-0.0036i
16.0	0.0165+0.0206i	0.0123+0.0007i	-2.6690-0.0307i	0.0226+0.0183i	0.0120-0.0049i	0.2446+0.1281i	0.0440+0.0158i	0.0090-0.0026i
16.1	0.0119+0.0265i	0.0079+0.0013i	-2.5073+0.0284i	0.0167+0.0222i	0.0107-0.0033i	0.2457+0.1421i	0.0392+0.0177i	0.0063+0.0003i
16.2	0.0105+0.0312i	0.0047+0.0033i	-2.3692+0.0722i	0.0133+0.0256i	0.0114-0.0018i	0.2484+0.1500i	0.0355+0.0203i	0.0052+0.0017i
16.3	0.0133+0.0434i	0.0070+0.0045i	-2.2965+0.0664i	0.0126+0.0309i	0.0137+0.0003i	0.2440+0.1613i	0.0375+0.0271i	0.0088+0.0056i
16.4	0.0236+0.0427i	0.0050+0.0029i	-2.2360+0.0626i	0.0218+0.0335i	0.0160-0.0030i	0.2431+0.1690i	0.0442+0.0290i	0.0156+0.0052i
16.5	0.0305+0.0322i	0.0043-0.0016i	-2.1500+0.1509i	0.0260+0.0267i	0.0209-0.0047i	0.2428+0.1833i	0.0498+0.0209i	0.0213+0.0018i
16.6	0.0279+0.0228i	0.0009-0.0091i	-2.0487+0.3219i	0.0202+0.0170i	0.0215-0.0083i	0.2551+0.2118i	0.0475+0.0108i	0.0225-0.0036i
16.7	0.0238+0.0161i	-0.0133-0.0124i	-1.8278+0.4230i	0.0118+0.0106i	0.0205-0.0117i	0.2993+0.2189i	0.0397+0.0022i	0.0206-0.0080i
16.8	0.0181+0.0141i	-0.0208-0.0008i	-1.7036+0.3183i	0.0071+0.0116i	0.0213-0.0138i	0.3038+0.1980i	0.0346+0.0029i	0.0196-0.0122i
16.9	0.0102+0.0126i	-0.0166+0.0070i	-1.6538+0.2174i	-0.0005+0.0084i	0.0194-0.0176i	0.2918+0.2005i	0.0268+0.0042i	0.0160-0.0141i
17.0	0.0056+0.0120i	-0.0169+0.0036i	-1.6491+0.2649i	-0.0100+0.0099i	0.0166-0.0204i	0.3052+0.2092i	0.0218+0.0054i	0.0141-0.0162i
17.1	0.0050+0.0144i	-0.0247-0.0010i	-1.5298+0.3569i	-0.0167+0.0139i	0.0103-0.0250i	0.3416+0.2147i	0.0196+0.0051i	0.0100-0.0190i
17.2	0.0022+0.0149i	-0.0327+0.0109i	-1.3589+0.2167i	-0.0205+0.0191i	0.0056-0.0262i	0.3673+0.1832i	0.0149+0.0062i	0.0067-0.0182i
17.3	-0.0011+0.0137i	-0.0182+0.0197i	-1.4279+0.0984i	-0.0279+0.0226i	-0.0017-0.0226i	0.3595+0.1432i	0.0143+0.0076i	0.0036-0.0186i
17.4	-0.0081+0.0153i	-0.0050+0.0089i	-1.5101+0.1539i	-0.0325+0.0291i	-0.0065-0.0191i	0.3393+0.1313i	0.0130+0.0087i	-0.0014-0.0185i
17.5	-0.0076+0.0177i	-0.0083-0.0025i	-1.4587+0.2430i	-0.0324+0.0334i	-0.0061-0.0190i	0.3375+0.1288i	0.0092+0.0113i	0.0000-0.0175i
17.6	-0.0132+0.0167i	-0.0183-0.0045i	-1.3530+0.2459i	-0.0341+0.0352i	-0.0099-0.0160i	0.3342+0.1090i	0.0077+0.0124i	-0.0017-0.0173i
17.7	-0.0181+0.0166i	-0.0201-0.0042i	-1.3508+0.2308i	-0.0385+0.0377i	-0.0149-0.0147i	0.3238+0.0856i	0.0081+0.0114i	-0.0058-0.0166i
17.8	-0.0196+0.0157i	-0.0232-0.0080i	-1.3600+0.2062i	-0.0405+0.0414i	-0.0148-0.0117i	0.3027+0.0655i	0.0079+0.0144i	-0.0057-0.0159i
17.9	-0.0237+0.0174i	-0.0311-0.0076i	-1.3337+0.2047i	-0.0431+0.0496i	-0.0139-0.0052i	0.2731+0.0490i	0.0047+0.0159i	-0.0046-0.0151i
18.0	-0.0254+0.0215i	-0.0304-0.0005i	-1.3534+0.1960i	-0.0434+0.0567i	-0.0107-0.0013i	0.2398+0.0443i	0.0047+0.0158i	-0.0051-0.0180i
18.1	-0.0265+0.0299i	-0.0262-0.0036i	-1.3962+0.2508i	-0.0400+0.0617i	-0.0117+0.0009i	0.2067+0.0587i	0.0040+0.0167i	-0.0072-0.0175i
18.2	-0.0276+0.0316i	-0.0263-0.0173i	-1.3899+0.3280i	-0.0330+0.0670i	-0.0083-0.0004i	0.1685+0.0659i	0.0032+0.0210i	-0.0082-0.0167i

18.3	-0.0272+0.0313i	-0.0372-0.0305i	-1.3139+0.4125i	-0.0256+0.0699i	-0.0048+0.0007i	0.1355+0.0739i	0.0048+0.0215i	-0.0105-0.0161i
18.4	-0.0299+0.0287i	-0.0542-0.0400i	-1.2500+0.4525i	-0.0185+0.0663i	-0.0039-0.0009i	0.0946+0.0817i	0.0073+0.0195i	-0.0144-0.0154i
18.5	-0.0345+0.0230i	-0.0814-0.0385i	-1.1864+0.4402i	-0.0138+0.0479i	-0.0038-0.0045i	0.0121+0.1261i	0.0111+0.0130i	-0.0119-0.0113i
18.6	-0.0538+0.0293i	-0.1078+0.0032i	-1.1673+0.3332i	-0.0457+0.0308i	-0.0093-0.0099i	0.0057+0.2795i	0.0024+0.0053i	-0.0069-0.0161i
18.7	-0.0619+0.0436i	-0.0890+0.0300i	-1.2418+0.3252i	-0.0731+0.0512i	-0.0178-0.0051i	0.0895+0.3327i	-0.0094+0.0096i	-0.0127-0.0256i
18.8	-0.0563+0.0547i	-0.0801+0.0198i	-1.1947+0.4419i	-0.0681+0.0824i	-0.0190+0.0014i	0.1490+0.2999i	-0.0133+0.0197i	-0.0211-0.0269i
18.9	-0.0544+0.0649i	-0.0874+0.0117i	-1.1231+0.5267i	-0.0580+0.0987i	-0.0153+0.0090i	0.1599+0.2978i	-0.0113+0.0257i	-0.0277-0.0224i
19.0	-0.0530+0.0733i	-0.0876+0.0150i	-1.1077+0.5607i	-0.0496+0.1075i	-0.0127+0.0153i	0.1625+0.3085i	-0.0106+0.0283i	-0.0361-0.0140i
19.1	-0.0488+0.0769i	-0.0894+0.0242i	-1.0713+0.5385i	-0.0407+0.1110i	-0.0088+0.0174i	0.1606+0.3089i	-0.0093+0.0287i	-0.0385-0.0090i
19.2	-0.0478+0.0791i	-0.0895+0.0323i	-1.0505+0.5045i	-0.0342+0.1100i	-0.0035+0.0179i	0.1517+0.3039i	-0.0106+0.0303i	-0.0384-0.0047i
19.3	-0.0477+0.0838i	-0.0896+0.0332i	-1.0600+0.5263i	-0.0310+0.1094i	0.0027+0.0154i	0.1496+0.3112i	-0.0103+0.0344i	-0.0369+0.0018i
19.4	-0.0495+0.0890i	-0.0945+0.0383i	-1.0369+0.5428i	-0.0299+0.1138i	0.0065+0.0127i	0.1326+0.3166i	-0.0109+0.0361i	-0.0375+0.0061i
19.5	-0.0487+0.0959i	-0.0949+0.0434i	-1.0302+0.5982i	-0.0266+0.1217i	0.0096+0.0088i	0.1239+0.3335i	-0.0100+0.0406i	-0.0375+0.0100i
19.6	-0.0461+0.1059i	-0.0914+0.0480i	-1.0100+0.6704i	-0.0206+0.1303i	0.0102+0.0035i	0.1169+0.3537i	-0.0076+0.0458i	-0.0355+0.0136i
19.7	-0.0439+0.1114i	-0.0885+0.0506i	-1.0038+0.7244i	-0.0152+0.1325i	0.0085-0.0078i	0.1023+0.3720i	-0.0047+0.0481i	-0.0330+0.0167i
19.8	-0.0387+0.1249i	-0.0883+0.0501i	-0.9077+0.8300i	-0.0032+0.1382i	0.0030-0.0172i	0.0869+0.4111i	0.0012+0.0551i	-0.0272+0.0204i
19.9	-0.0287+0.1277i	-0.0875+0.0526i	-0.8433+0.8441i	0.0076+0.1355i	-0.0017-0.0201i	0.0916+0.4364i	0.0056+0.0553i	-0.0231+0.0201i
20.0	-0.0189+0.1318i	-0.0915+0.0561i	-0.7003+0.8638i	0.0190+0.1319i	-0.0169-0.0171i	0.0982+0.4846i	0.0121+0.0546i	-0.0180+0.0224i
20.1	-0.0141+0.1341i	-0.0895+0.0563i	-0.5751+0.8325i	0.0234+0.1309i	-0.0304-0.0093i	0.1171+0.5134i	0.0190+0.0523i	-0.0162+0.0224i
20.2	-0.0028+0.1360i	-0.0914+0.0579i	-0.4795+0.7840i	0.0303+0.1325i	-0.0309+0.0020i	0.1440+0.5247i	0.0223+0.0492i	-0.0136+0.0212i
20.3	0.0066+0.1347i	-0.0935+0.0608i	-0.4198+0.7093i	0.0403+0.1333i	-0.0288+0.0159i	0.1575+0.5157i	0.0266+0.0467i	-0.0108+0.0238i
20.4	0.0085+0.1334i	-0.0923+0.0642i	-0.4237+0.6496i	0.0450+0.1285i	-0.0247+0.0165i	0.1361+0.5207i	0.0294+0.0436i	-0.0058+0.0218i
20.5	0.0110+0.1339i	-0.0913+0.0620i	-0.4309+0.6212i	0.0508+0.1236i	-0.0216+0.0240i	0.1175+0.5381i	0.0329+0.0400i	-0.0029+0.0229i
20.6	0.0141+0.1269i	-0.0998+0.0658i	-0.3893+0.5998i	0.0573+0.1125i	-0.0147+0.0204i	0.0921+0.5587i	0.0348+0.0344i	0.0024+0.0164i
20.7	0.0157+0.1266i	-0.1067+0.0738i	-0.3607+0.5513i	0.0639+0.1031i	-0.0118+0.0206i	0.0535+0.6009i	0.0397+0.0302i	0.0069+0.0119i
20.8	0.0162+0.1264i	-0.1058+0.0795i	-0.3847+0.5130i	0.0665+0.0951i	-0.0106+0.0228i	0.0519+0.6608i	0.0377+0.0251i	0.0052+0.0060i
20.9	0.0174+0.1285i	-0.1020+0.0784i	-0.3947+0.5202i	0.0653+0.0895i	-0.0179+0.0267i	0.0532+0.7052i	0.0373+0.0202i	0.0027+0.0039i
21.0	0.0184+0.1296i	-0.1085+0.0782i	-0.3620+0.5354i	0.0655+0.0856i	-0.0180+0.0321i	0.0433+0.7801i	0.0388+0.0146i	0.0012+0.0006i
21.1	0.0142+0.1311i	-0.1189+0.0881i	-0.3366+0.5317i	0.0645+0.0743i	-0.0170+0.0317i	0.0243+0.8691i	0.0359+0.0072i	0.0037-0.0031i
21.2	0.0118+0.1368i	-0.1338+0.1032i	-0.3425+0.5372i	0.0633+0.0640i	-0.0102+0.0266i	0.0308+0.9567i	0.0309+0.0018i	-0.0007-0.0074i
21.3	0.0075+0.1470i	-0.1433+0.1266i	-0.3502+0.5544i	0.0604+0.0534i	-0.0041+0.0244i	0.0426+1.1101i	0.0267-0.0073i	-0.0081-0.0130i
21.4	0.0081+0.1571i	-0.1366+0.1410i	-0.3258+0.5549i	0.0514+0.0536i	-0.0063+0.0330i	0.1487+1.2515i	0.0201-0.0137i	-0.0180-0.0225i
21.5	0.0147+0.1648i	-0.1347+0.1522i	-0.2978+0.5831i	0.0525+0.0549i	0.0053+0.0344i	0.3000+1.3165i	0.0111-0.0129i	-0.0382-0.0197i
21.6	0.0222+0.1776i	-0.1264+0.1803i	-0.2481+0.5833i	0.0481+0.0492i	0.0151+0.0320i	0.3975+1.3887i	0.0029-0.0097i	-0.0345-0.0074i
21.7	0.0319+0.1868i	-0.1164+0.1959i	-0.2127+0.5976i	0.0420+0.0438i	0.0198+0.0274i	0.5211+1.4358i	-0.0064-0.0091i	-0.0376-0.0024i
21.8	0.0427+0.1830i	-0.0931+0.1936i	-0.1629+0.5587i	0.0332+0.0483i	0.0054+0.0276i	0.6750+1.4634i	-0.0123-0.0105i	-0.0491-0.0227i
21.9	0.0642+0.1990i	-0.0595+0.2219i	-0.0512+0.5713i	0.0212+0.0423i	0.0004+0.0155i	0.8605+1.4941i	-0.0193-0.0035i	-0.0317+0.0037i
22.0	0.0804+0.2013i	-0.0399+0.2224i	-0.0177+0.5128i	0.0162+0.0459i	0.0032+0.0188i	1.0408+1.4609i	-0.0273+0.0031i	-0.0374+0.0049i
22.1	0.0991+0.2002i	-0.0168+0.2203i	0.0386+0.4847i	0.0097+0.0477i	-0.0002+0.0146i	1.1861+1.3862i	-0.0290+0.0127i	-0.0355+0.0101i
22.2	0.1200+0.1942i	0.0167+0.2152i	0.0954+0.4311i	-0.0013+0.0562i	-0.0218+0.0137i	1.3153+1.2931i	-0.0282+0.0212i	-0.0266+0.0064i
22.3	0.1373+0.1875i	0.0440+0.2077i	0.1446+0.3798i	-0.0065+0.0630i	-0.0373+0.0173i	1.4242+1.1739i	-0.0269+0.0243i	-0.0214+0.0126i
22.4	0.1485+0.1825i	0.0611+0.1967i	0.1519+0.3397i	-0.0010+0.0656i	-0.0390+0.0337i	1.5023+1.0517i	-0.0255+0.0288i	-0.0281+0.0361i
22.5	0.1586+0.1653i	0.0733+0.1668i	0.1368+0.2519i	0.0034+0.0747i	-0.0488+0.0552i	1.5542+0.9177i	-0.0205+0.0330i	-0.0367+0.0365i
22.6	0.1687+0.1463i	0.0809+0.1352i	0.1438+0.1584i	0.0070+0.0825i	-0.0519+0.0704i	1.5864+0.7783i	-0.0165+0.0355i	-0.0364+0.0307i
22.7	0.1724+0.1329i	0.0805+0.1096i	0.1463+0.0730i	0.0093+0.0876i	-0.0473+0.0930i	1.6041+0.6712i	-0.0157+0.0361i	-0.0384+0.0258i
22.8	0.1700+0.1223i	0.0683+0.0890i	0.0977+0.0262i	0.0156+0.0926i	-0.0313+0.1292i	1.5841+0.5546i	-0.0119+0.0370i	-0.0441+0.0447i
22.9	0.1661+0.1090i	0.0473+0.0701i	0.0519-0.0286i	0.0215+0.0986i	0.0048+0.1473i	1.5306+0.4666i	-0.0121+0.0353i	-0.0325+0.0486i
23.0	0.1611+0.1031i	0.0243+0.0662i	-0.0077-0.0566i	0.0307+0.0967i	0.0634+0.1462i	1.4678+0.4245i	-0.0123+0.0331i	-0.0077+0.0454i
23.1	0.1660+0.0980i	0.0291+0.0650i	-0.0569-0.0540i	0.0337+0.0917i	0.1009+0.1278i	1.4670+0.3857i	-0.0138+0.0330i	0.0108+0.0401i
23.2	0.1666+0.0915i	0.0230+0.0605i	-0.0966-0.0644i	0.0362+0.0883i	0.1107+0.1200i	1.4514+0.3102i	-0.0124+0.0343i	0.0062+0.0465i
23.3	0.1654+0.0852i	0.0099+0.0542i	-0.1478-0.0578i	0.0379+0.0865i	0.1469+0.0929i	1.4321+0.2530i	-0.0137+0.0388i	0.0206+0.0364i
23.4	0.1623+0.0811i	-0.0018+0.0575i	-0.1763-0.0368i	0.0388+0.0797i	0.1715+0.0559i	1.4077+0.2204i	-0.0179+0.0412i	0.0286+0.0281i
23.5	0.1611+0.0772i	0.0006+0.0650i	-0.1968-0.0104i	0.0355+0.0742i	0.1694+0.0157i	1.3841+0.1876i	-0.0176+0.0426i	0.0340+0.0196i
23.6	0.1576+0.0733i	-0.0038+0.0691i	-0.2140+0.0028i	0.0340+0.0742i	0.1584-0.0097i	1.3630+0.1493i	-0.0165+0.0438i	0.0261+0.0093i
23.7	0.1539+0.0695i	-0.0099+0.0704i	-0.2137+0.0288i	0.0326+0.0759i	0.1443-0.0414i	1.3290+0.1112i	-0.0148+0.0464i	0.0167-0.0007i
23.8	0.1547+0.0675i	-0.0052+0.0750i	-0.2320+0.0474i	0.0305+0.0751i	0.1261-0.0782i	1.2872+0.0753i	-0.0141+0.0514i	0.0152-0.0113i
23.9	0.1533+0.0693i	-0.0014+0.0753i	-0.2104+0.0655i	0.0280+0.0774i	0.0988-0.0831i	1.2519+0.0576i	-0.0119+0.0545i	0.0096-0.0078i
24.0	0.1503+0.0695i	-0.0029+0.0739i	-0.2226+0.0683i	0.0274+0.0787i	0.0776-0.0753i	1.1994+0.0467i	-0.0083+0.0545i	0.0042-0.0028i
24.1	0.1483+0.0680i	-0.0038+0.0633i	-0.2120+0.0482i	0.0287+0.0823i	0.0453-0.0567i	1.1413+0.0332i	-0.0049+0.0580i	-0.0062+0.0071i
24.2	0.1463+0.0657i	-0.0056+0.0580i	-0.1931+0.0590i	0.0303+0.0838i	0.0274-0.0511i	1.1042+0.0446i	-0.0022+0.0584i	-0.0100+0.0037i
24.3	0.1476+0.0658i	-0.0115+0.0565i	-0.1994+0.0680i	0.0376+0.0810i	0.0182-0.0525i	1.0711+0.0668i	0.0032+0.0574i	-0.0121-0.0005i
24.4	0.1470+0.0663i	-0.0249+0.0499i	-0.1997+0.0910i	0.0396+0.0740i	0.0206-0.0385i	1.0333+0.1032i	0.0067+0.0534i	-0.0082+0.0049i
24.5	0.1462+0.0659i	-0.0291+0.0507i	-0.1861+0.0962i	0.0362+0.0713i	0.0215-0.0278i	1.0397+0.1423i	0.0055+0.0498i	-0.0071+0.0101i

24.6	0.1464+0.0673i	-0.0379+0.0553i	-0.1772+0.1156i	0.0318+0.0688i	0.0209-0.0262i	1.0562+0.1774i	0.0038+0.0481i	-0.0077+0.0113i
24.7	0.1461+0.0690i	-0.0457+0.0579i	-0.1441+0.0948i	0.0266+0.0689i	0.0237-0.0265i	1.0777+0.2004i	0.0025+0.0464i	-0.0063+0.0089i
24.8	0.1476+0.0673i	-0.0471+0.0605i	-0.1320+0.1174i	0.0211+0.0674i	0.0224-0.0278i	1.1056+0.1975i	0.0016+0.0475i	-0.0067+0.0067i
24.9	0.1475+0.0673i	-0.0542+0.0626i	-0.1496+0.1113i	0.0177+0.0704i	0.0212-0.0223i	1.1176+0.1730i	0.0006+0.0498i	-0.0051+0.0103i
25.0	0.1453+0.0701i	-0.0601+0.0689i	-0.1637+0.1141i	0.0145+0.0748i	0.0205-0.0218i	1.1198+0.1758i	0.0003+0.0515i	-0.0078+0.0147i
25.1	0.1442+0.0739i	-0.0662+0.0807i	-0.1566+0.1021i	0.0063+0.0836i	0.0187-0.0248i	1.1208+0.1860i	-0.0009+0.0551i	-0.0059+0.0115i
25.2	0.1486+0.0790i	-0.0682+0.0879i	-0.1504+0.1084i	0.0053+0.0886i	0.0180-0.0193i	1.1236+0.1953i	0.0000+0.0549i	-0.0023+0.0132i
25.3	0.1514+0.0850i	-0.0719+0.0955i	-0.1277+0.1179i	0.0092+0.0938i	0.0188-0.0144i	1.1182+0.2067i	0.0032+0.0557i	0.0009+0.0142i
25.4	0.1609+0.0913i	-0.0711+0.1052i	-0.0788+0.1181i	0.0165+0.1019i	0.0258-0.0105i	1.1598+0.2423i	0.0059+0.0562i	0.0031+0.0122i
25.5	0.1715+0.0960i	-0.0630+0.1165i	-0.0281+0.1266i	0.0187+0.1043i	0.0263-0.0139i	1.2206+0.2687i	0.0052+0.0558i	0.0024+0.0107i
25.6	0.1840+0.0947i	-0.0546+0.1238i	-0.0019+0.0995i	0.0184+0.1079i	0.0281-0.0154i	1.2918+0.2412i	0.0038+0.0550i	0.0032+0.0100i
25.7	0.1936+0.0954i	-0.0515+0.1374i	0.0164+0.0569i	0.0187+0.1105i	0.0303-0.0176i	1.3376+0.2238i	0.0009+0.0575i	0.0045+0.0093i
25.8	0.1959+0.0935i	-0.0504+0.1428i	-0.0099-0.0150i	0.0205+0.1162i	0.0237-0.0217i	1.3324+0.1691i	0.0008+0.0637i	0.0027+0.0112i
25.9	0.2067+0.0983i	-0.0421+0.1522i	-0.0144-0.0306i	0.0287+0.1228i	0.0185-0.0205i	1.3203+0.1757i	0.0070+0.0656i	0.0049+0.0127i
26.0	0.2247+0.0937i	-0.0268+0.1576i	0.0245-0.0629i	0.0340+0.1262i	0.0179-0.0210i	1.3900+0.1474i	0.0101+0.0645i	0.0054+0.0060i
26.1	0.2377+0.0818i	-0.0128+0.1596i	0.0296-0.1171i	0.0378+0.1289i	0.0110-0.0288i	1.4249+0.0805i	0.0114+0.0657i	0.0031-0.0043i
26.2	0.2440+0.0695i	0.0034+0.1555i	-0.0022-0.1474i	0.0427+0.1299i	0.0014-0.0283i	1.4131+0.0234i	0.0165+0.0682i	-0.0009-0.0071i
26.3	0.2503+0.0540i	0.0214+0.1526i	-0.0723-0.1639i	0.0510+0.1307i	-0.0098-0.0241i	1.3800-0.0216i	0.0215+0.0679i	-0.0061-0.0122i
26.4	0.2578+0.0409i	0.0339+0.1497i	-0.1338-0.1931i	0.0593+0.1295i	-0.0173-0.0139i	1.3563-0.0447i	0.0269+0.0674i	-0.0092-0.0132i
26.5	0.2553+0.0254i	0.0422+0.1419i	-0.1922-0.1906i	0.0671+0.1251i	-0.0184+0.0018i	1.3180-0.0388i	0.0289+0.0615i	-0.0179-0.0156i
26.6	0.2422+0.0147i	0.0490+0.1305i	-0.2770-0.1684i	0.0692+0.1151i	-0.0107+0.0176i	1.2984+0.0093i	0.0246+0.0558i	-0.0296-0.0113i
26.7	0.2337+0.0179i	0.0576+0.1159i	-0.3263-0.0901i	0.0688+0.1104i	-0.0004+0.0278i	1.3197+0.0586i	0.0219+0.0535i	-0.0352+0.0001i
26.8	0.2330+0.0223i	0.0615+0.1022i	-0.3144+0.0035i	0.0640+0.1099i	0.0148+0.0266i	1.3991+0.0667i	0.0154+0.0537i	-0.0378+0.0073i
26.9	0.2339+0.0245i	0.0610+0.0865i	-0.3002+0.0673i	0.0610+0.1145i	0.0261+0.0235i	1.4618+0.0268i	0.0146+0.0584i	-0.0346+0.0171i
27.0	0.2408+0.0272i	0.0633+0.0702i	-0.2530+0.1342i	0.0673+0.1204i	0.0275+0.0208i	1.4860-0.0374i	0.0174+0.0668i	-0.0342+0.0301i
27.1	0.2474+0.0221i	0.0616+0.0595i	-0.1981+0.1467i	0.0722+0.1217i	0.0314+0.0228i	1.4933-0.0771i	0.0199+0.0690i	-0.0256+0.0370i
27.2	0.2545+0.0162i	0.0592+0.0454i	-0.1581+0.1592i	0.0755+0.1178i	0.0401+0.0290i	1.4959-0.1162i	0.0254+0.0716i	-0.0125+0.0515i
27.3	0.2573+0.0087i	0.0489+0.0302i	-0.1283+0.1724i	0.0787+0.1153i	0.0488+0.0303i	1.4969-0.1641i	0.0303+0.0752i	0.0049+0.0575i
27.4	0.2576+0.0050i	0.0306+0.0251i	-0.0847+0.1531i	0.0792+0.1121i	0.0592+0.0219i	1.4855-0.1810i	0.0338+0.0721i	0.0205+0.0488i
27.5	0.2616+0.0033i	0.0269+0.0255i	-0.0564+0.1949i	0.0775+0.1094i	0.0646+0.0133i	1.4857-0.1837i	0.0341+0.0733i	0.0296+0.0473i
27.6	0.2677-0.0024i	0.0266+0.0213i	-0.0215+0.2464i	0.0786+0.1117i	0.0730+0.0018i	1.4991-0.2032i	0.0384+0.0735i	0.0437+0.0384i
27.7	0.2690-0.0110i	0.0204+0.0105i	0.0496+0.2773i	0.0763+0.1152i	0.0815-0.0166i	1.5076-0.2417i	0.0422+0.0732i	0.0552+0.0215i
27.8	0.2689-0.0161i	0.0096+0.0042i	0.1448+0.2610i	0.0767+0.1160i	0.0751-0.0342i	1.5141-0.2630i	0.0495+0.0713i	0.0593-0.0033i
27.9	0.2636-0.0180i	-0.0001+0.0000i	0.1953+0.2329i	0.0777+0.1172i	0.0665-0.0401i	1.5111-0.2824i	0.0507+0.0712i	0.0552-0.0119i
28.0	0.2624-0.0182i	-0.0056-0.0032i	0.2752+0.1917i	0.0738+0.1220i	0.0596-0.0421i	1.5210-0.3260i	0.0516+0.0715i	0.0547-0.0181i
28.1	0.2604-0.0212i	-0.0197-0.0035i	0.3483+0.1170i	0.0695+0.1385i	0.0527-0.0464i	1.5057-0.3825i	0.0543+0.0739i	0.0510-0.0352i
28.2	0.2704-0.0137i	-0.0225-0.0027i	0.3649+0.0247i	0.0861+0.1591i	0.0428-0.0504i	1.4761-0.4040i	0.0607+0.0740i	0.0364-0.0540i
28.3	0.2888-0.0134i	-0.0278-0.0084i	0.3592-0.0934i	0.1127+0.1538i	0.0355-0.0432i	1.4769-0.3881i	0.0688+0.0675i	0.0188-0.0596i
28.4	0.2964-0.0201i	-0.0429-0.0158i	0.3439-0.1618i	0.1256+0.1407i	0.0311-0.0378i	1.4829-0.3883i	0.0726+0.0617i	0.0062-0.0552i
28.5	0.3018-0.0262i	-0.0514-0.0137i	0.3309-0.1880i	0.1293+0.1346i	0.0307-0.0354i	1.4971-0.3968i	0.0742+0.0589i	0.0007-0.0515i
28.6	0.3117-0.0340i	-0.0578-0.0113i	0.3234-0.2410i	0.1298+0.1346i	0.0335-0.0326i	1.5293-0.4223i	0.0727+0.0545i	-0.0034-0.0514i
28.7	0.3223-0.0408i	-0.0629-0.0175i	0.3061-0.3056i	0.1359+0.1359i	0.0383-0.0294i	1.5560-0.4630i	0.0732+0.0529i	-0.0078-0.0547i
28.8	0.3276-0.0520i	-0.0723-0.0168i	0.2842-0.3265i	0.1419+0.1322i	0.0401-0.0317i	1.5606-0.5030i	0.0769+0.0511i	-0.0090-0.0588i
28.9	0.3363-0.0611i	-0.0826-0.0113i	0.3059-0.3240i	0.1484+0.1264i	0.0414-0.0352i	1.5761-0.5409i	0.0786+0.0510i	-0.0135-0.0543i
29.0	0.3424-0.0761i	-0.0880-0.0139i	0.3208-0.3792i	0.1537+0.1217i	0.0421-0.0360i	1.5864-0.6032i	0.0814+0.0514i	-0.0188-0.0500i
29.1	0.3469-0.0981i	-0.0990-0.0170i	0.2866-0.4447i	0.1614+0.1199i	0.0434-0.0427i	1.5700-0.6660i	0.0841+0.0467i	-0.0229-0.0570i
29.2	0.3471-0.1130i	-0.1185-0.0103i	0.2732-0.4440i	0.1665+0.1165i	0.0473-0.0496i	1.5380-0.7268i	0.0870+0.0463i	-0.0250-0.0550i
29.3	0.3509-0.1273i	-0.1348-0.0038i	0.2252-0.4702i	0.1726+0.1086i	0.0501-0.0569i	1.5138-0.7707i	0.0943+0.0428i	-0.0295-0.0576i
29.4	0.3522-0.1449i	-0.1424-0.0034i	0.2106-0.5437i	0.1760+0.1022i	0.0468-0.0653i	1.5065-0.8262i	0.0978+0.0374i	-0.0358-0.0659i
29.5	0.3420-0.1615i	-0.1602-0.0037i	0.1829-0.6138i	0.1813+0.0990i	0.0420-0.0682i	1.4626-0.8871i	0.0960+0.0350i	-0.0467-0.0681i
29.6	0.3332-0.1717i	-0.1785+0.0145i	0.1662-0.6171i	0.1831+0.0927i	0.0390-0.0767i	1.4018-0.9024i	0.1011+0.0320i	-0.0474-0.0650i
29.7	0.3250-0.1863i	-0.1905+0.0320i	0.1472-0.6247i	0.1877+0.0849i	0.0339-0.0888i	1.3567-0.9265i	0.1040+0.0254i	-0.0535-0.0691i
29.8	0.3171-0.1947i	-0.1984+0.0532i	0.1146-0.6528i	0.1898+0.0799i	0.0271-0.0995i	1.3224-0.9377i	0.1030+0.0195i	-0.0623-0.0722i
29.9	0.3184-0.2104i	-0.1871+0.0988i	0.0284-0.6763i	0.1877+0.0738i	0.0161-0.1102i	1.3274-0.9785i	0.1040+0.0141i	-0.0694-0.0696i
30.0	0.3102-0.2233i	-0.1806+0.1134i	0.0047-0.7372i	0.1875+0.0624i	-0.0043-0.1095i	1.3070-0.9953i	0.1055+0.0047i	-0.0879-0.0679i
30.1	0.2956-0.2320i	-0.1750+0.1093i	-0.0322-0.7374i	0.1833+0.0598i	-0.0231-0.1027i	1.2840-1.0166i	0.1008-0.0077i	-0.1065-0.0686i
30.2	0.2803-0.2474i	-0.1553+0.1093i	-0.0884-0.7184i	0.1701+0.0597i	-0.0405-0.0857i	1.2745-1.0761i	0.0875-0.0185i	-0.1185-0.0566i
30.3	0.2596-0.2567i	-0.1425+0.0960i	-0.1217-0.7223i	0.1648+0.0697i	-0.0344-0.0574i	1.2274-1.1676i	0.0745-0.0174i	-0.1184-0.0376i
30.4	0.2403-0.2569i	-0.1452+0.0884i	-0.1363-0.7139i	0.1755+0.0818i	-0.0073-0.0482i	1.1175-1.2499i	0.0668-0.0037i	-0.1024-0.0196i
30.5	0.2250-0.2537i	-0.1626+0.0847i	-0.1666-0.7457i	0.1922+0.0872i	0.0096-0.0603i	0.9611-1.2712i	0.0690+0.0069i	-0.0897-0.0269i
30.6	0.2096-0.2486i	-0.1781+0.0845i	-0.2009-0.7487i	0.2112+0.0816i	0.0068-0.0841i	0.8221-1.2272i	0.0763+0.0108i	-0.0950-0.0494i
30.7	0.1897-0.2427i	-0.1988+0.0897i	-0.2359-0.7471i	0.2211+0.0772i	-0.0093-0.1088i	0.7076-1.1522i	0.0823+0.0082i	-0.1181-0.0727i
30.8	0.1825-0.2258i	-0.2135+0.1077i	-0.2568-0.7519i	0.2337+0.0663i	-0.0336-0.1175i	0.6808-1.0535i	0.0825+0.0064i	-0.1570-0.0774i

30.9	0.1830−0.2106i	−0.2067+0.1401i	−0.3056−0.7363i	0.2434+0.0561i	−0.0547−0.1149i	0.6669−0.9744i	0.0850+0.0049i	−0.1894−0.0632i
31.0	0.1833−0.2076i	−0.2032+0.1542i	−0.3389−0.7299i	0.2469+0.0433i	−0.0732−0.1065i	0.6560−0.9451i	0.0853+0.0011i	−0.2153−0.0360i
31.1	0.1805−0.2031i	−0.2064+0.1685i	−0.3784−0.6990i	0.2471+0.0264i	−0.0932−0.0919i	0.6462−0.9158i	0.0819+0.0001i	−0.2395−0.0043i
31.2	0.1697−0.1887i	−0.2049+0.2051i	−0.4149−0.7084i	0.2452+0.0222i	−0.0994−0.0848i	0.6105−0.8952i	0.0784+0.0024i	−0.2491+0.0244i
31.3	0.1699−0.1756i	−0.1862+0.2243i	−0.4478−0.7031i	0.2473+0.0202i	−0.1080−0.0825i	0.5772−0.8659i	0.0752+0.0062i	−0.2570+0.0470i
31.4	0.1791−0.1641i	−0.1593+0.2293i	−0.4564−0.6609i	0.2493+0.0129i	−0.1185−0.0679i	0.5716−0.8159i	0.0802+0.0092i	−0.2552+0.0720i
31.5	0.1913−0.1534i	−0.1389+0.2316i	−0.4523−0.6270i	0.2559+0.0030i	−0.1321−0.0518i	0.5670−0.7707i	0.0819+0.0149i	−0.2672+0.1097i
31.6	0.1989−0.1480i	−0.1173+0.2297i	−0.4635−0.5984i	0.2603−0.0033i	−0.1333−0.0386i	0.5562−0.7392i	0.0881+0.0187i	−0.2563+0.1344i
31.7	0.2093−0.1467i	−0.1002+0.2290i	−0.4637−0.6126i	0.2682−0.0165i	−0.1368−0.0148i	0.5513−0.7158i	0.0916+0.0247i	−0.2528+0.1845i
31.8	0.2226−0.1445i	−0.0781+0.2277i	−0.4749−0.6092i	0.2657−0.0389i	−0.1314+0.0159i	0.5353−0.6772i	0.1048+0.0334i	−0.2124+0.2516i
31.9	0.2295−0.1407i	−0.0588+0.2181i	−0.5223−0.5713i	0.2603−0.0560i	−0.1315+0.0318i	0.5037−0.6249i	0.1130+0.0412i	−0.1812+0.3000i
32.0	0.2298−0.1373i	−0.0513+0.2096i	−0.5427−0.5485i	0.2556−0.0577i	−0.1258+0.0351i	0.4839−0.5939i	0.1151+0.0406i	−0.1624+0.3062i
32.1	0.2379−0.1390i	−0.0301+0.1957i	−0.5812−0.5282i	0.2509−0.0686i	−0.1194+0.0483i	0.4650−0.5645i	0.1241+0.0418i	−0.1240+0.3359i
32.2	0.2457−0.1343i	−0.0160+0.1701i	−0.6006−0.5106i	0.2331−0.0729i	−0.1019+0.0689i	0.4610−0.4857i	0.1447+0.0465i	−0.0373+0.3563i
32.3	0.2573−0.1264i	0.0052+0.1372i	−0.5934−0.4576i	0.2250−0.0706i	−0.0945+0.0811i	0.4602−0.4023i	0.1632+0.0490i	0.0223+0.3527i
32.4	0.2786−0.1203i	0.0198+0.0994i	−0.5915−0.3786i	0.2201−0.0662i	−0.0810+0.0894i	0.4732−0.3181i	0.1870+0.0486i	0.0897+0.3428i
32.5	0.3032−0.1173i	−0.0056+0.0588i	−0.5719−0.3291i	0.2242−0.0699i	−0.0634+0.0954i	0.5346−0.2093i	0.2182+0.0414i	0.1509+0.3199i
32.6	0.3172−0.1196i	−0.0278+0.0197i	−0.5043−0.2951i	0.2171−0.0615i	−0.0429+0.0985i	0.6025−0.1399i	0.2409+0.0277i	0.2082+0.2652i
32.7	0.3354−0.1219i	−0.0543−0.0149i	−0.4314−0.2644i	0.2181−0.0560i	−0.0283+0.1046i	0.6693−0.0707i	0.2634+0.0147i	0.2429+0.2218i
32.8	0.3620−0.1319i	−0.0800−0.0362i	−0.3980−0.2338i	0.2267−0.0527i	−0.0221+0.0991i	0.7593−0.0315i	0.2824−0.0151i	0.2584+0.1470i
32.9	0.3800−0.1368i	−0.1244−0.0560i	−0.3191−0.2029i	0.2421−0.0486i	−0.0167+0.0992i	0.8458+0.0169i	0.2871−0.0398i	0.2315+0.0868i
33.0	0.4034−0.1441i	−0.1765−0.0756i	−0.2007−0.1754i	0.2616−0.0511i	−0.0071+0.1051i	0.9624+0.0537i	0.2904−0.0615i	0.1943+0.0527i
33.1	0.4379−0.1520i	−0.2456−0.0802i	−0.0481−0.2051i	0.2818−0.0455i	0.0163+0.1112i	1.1145+0.0750i	0.2993−0.0855i	0.1632+0.0144i
33.2	0.4702−0.1571i	−0.3012−0.0653i	0.0587−0.2418i	0.3082−0.0605i	0.0351+0.1187i	1.2481+0.0901i	0.3043−0.0880i	0.1296+0.0600i
33.3	0.5107−0.1889i	−0.3626−0.0157i	0.1718−0.4096i	0.3339−0.0887i	0.0641+0.1034i	1.4265−0.0038i	0.3148−0.1126i	0.1150+0.0732i
33.4	0.5462−0.2374i	−0.4057+0.0382i	0.2419−0.6085i	0.3442−0.1152i	0.0923+0.0744i	1.5801−0.1566i	0.3322−0.1531i	0.1475+0.0454i
33.5	0.5613−0.2968i	−0.4172+0.0970i	0.2152−0.8075i	0.3467−0.1473i	0.1041+0.0369i	1.6428−0.3401i	0.3312−0.1985i	0.1593+0.0031i
33.6	0.5716−0.3548i	−0.4238+0.1432i	0.2302−0.9484i	0.3483−0.1782i	0.1078−0.0011i	1.6905−0.5090i	0.3253−0.2405i	0.1631−0.0394i
33.7	0.5550−0.4041i	−0.4156+0.1791i	0.1580−1.0623i	0.3302−0.1990i	0.0948−0.0294i	1.6715−0.6681i	0.3012−0.2672i	0.1514−0.0758i
33.8	0.5233−0.4420i	−0.3993+0.2243i	−0.0321−1.2059i	0.3107−0.2181i	0.0670−0.0505i	1.5914−0.8327i	0.2674−0.2833i	0.1096−0.0845i
33.9	0.5098−0.4680i	−0.3952+0.2533i	−0.1235−1.3071i	0.3092−0.2247i	0.0495−0.0610i	1.5133−0.9650i	0.2530−0.2852i	0.0778−0.0709i
34.0	0.4870−0.4915i	−0.3811+0.2794i	−0.2868−1.3431i	0.3056−0.2265i	0.0274−0.0693i	1.3689−1.0642i	0.2376−0.2897i	0.0586−0.0761i
34.1	0.4635−0.5033i	−0.3646+0.2914i	−0.3806−1.3208i	0.3014−0.2366i	0.0033−0.0707i	1.2251−1.0759i	0.2266−0.2876i	0.0388−0.0685i
34.2	0.4530−0.5126i	−0.3506+0.2977i	−0.4532−1.2720i	0.2988−0.2522i	−0.0156−0.0589i	1.1261−1.0242i	0.2286−0.2904i	0.0319−0.0541i
34.3	0.4499−0.5195i	−0.3455+0.3060i	−0.5152−1.2468i	0.3049−0.2672i	−0.0301−0.0568i	1.0708−0.9928i	0.2326−0.2959i	0.0313−0.0347i
34.4	0.4441−0.5288i	−0.3402+0.3199i	−0.5451−1.2563i	0.3112−0.2751i	−0.0418−0.0517i	0.9974−0.9616i	0.2364−0.3117i	0.0131−0.0411i
34.5	0.4485−0.5322i	−0.3313+0.3276i	−0.5578−1.2059i	0.3167−0.2831i	−0.0525−0.0424i	0.9451−0.9039i	0.2412−0.3219i	0.0046−0.0435i
34.6	0.4558−0.5502i	−0.3406+0.3402i	−0.5401−1.2088i	0.3219−0.3000i	−0.0540−0.0332i	0.9565−0.8770i	0.2460−0.3468i	0.0048−0.0509i
34.7	0.4626−0.5716i	−0.3461+0.3587i	−0.5382−1.2190i	0.3348−0.3248i	−0.0574−0.0268i	0.9349−0.8435i	0.2437−0.3724i	−0.0200−0.0540i
34.8	0.4689−0.5869i	−0.3372+0.3876i	−0.6023−1.2635i	0.3352−0.3409i	−0.0656−0.0228i	0.9249−0.8140i	0.2457−0.3848i	−0.0207−0.0409i
34.9	0.4752−0.6051i	−0.3371+0.3979i	−0.5790−1.2731i	0.3361−0.3583i	−0.0668−0.0173i	0.9499−0.7967i	0.2495−0.4083i	−0.0170−0.0431i
35.0	0.4884−0.6347i	−0.3309+0.4152i	−0.6243−1.3092i	0.3499−0.3818i	−0.0699−0.0146i	0.9551−0.7917i	0.2483−0.4395i	−0.0322−0.0545i
35.1	0.4963−0.6593i	−0.3189+0.4366i	−0.6381−1.3505i	0.3626−0.4035i	−0.0755−0.0095i	0.9424−0.7847i	0.2447−0.4688i	−0.0466−0.0599i
35.2	0.5036−0.6896i	−0.3029+0.4613i	−0.6989−1.3842i	0.3691−0.4351i	−0.0842−0.0082i	0.9294−0.7531i	0.2407−0.4954i	−0.0584−0.0487i
35.3	0.5135−0.7425i	−0.2816+0.4859i	−0.8017−1.4619i	0.3799−0.5015i	−0.0926−0.0066i	0.9175−0.7112i	0.2368−0.5395i	−0.0757−0.0303i
35.4	0.5182−0.7953i	−0.2768+0.5032i	−0.7923−1.5162i	0.3723−0.5621i	−0.0964+0.0021i	0.9586−0.6663i	0.2242−0.5813i	−0.0767−0.0082i
35.5	0.5179−0.8335i	−0.2634+0.5143i	−0.8138−1.5397i	0.3685−0.5969i	−0.1018+0.0058i	0.9646−0.6716i	0.2135−0.6091i	−0.0827−0.0058i
35.6	0.5011−0.8852i	−0.2460+0.5252i	−0.8697−1.5674i	0.3363−0.6496i	−0.1084+0.0131i	1.0039−0.6478i	0.1901−0.6469i	−0.0688+0.0033i
35.7	0.4822−0.9386i	−0.2395+0.5368i	−0.9356−1.6018i	0.3039−0.6999i	−0.1095+0.0175i	1.0479−0.6425i	0.1644−0.6864i	−0.0699+0.0092i
35.8	0.4659−0.9898i	−0.2268+0.5575i	−1.0101−1.6931i	0.2694−0.7433i	−0.1168+0.0215i	1.1021−0.6562i	0.1356−0.7236i	−0.0695+0.0118i
35.9	0.4386−1.0357i	−0.2025+0.5737i	−1.1273−1.6819i	0.2232−0.7723i	−0.1254+0.0297i	1.1361−0.6939i	0.0992−0.7492i	−0.0606+0.0180i
36.0	0.4025−1.0776i	−0.1748+0.5758i	−1.2398−1.6555i	0.1779−0.8016i	−0.1340+0.0366i	1.1361−0.7213i	0.0600−0.7718i	−0.0559+0.0212i
36.1	0.3580−1.1243i	−0.1429+0.5838i	−1.3368−1.6816i	0.1245−0.8329i	−0.1464+0.0460i	1.1524−0.7497i	0.0134−0.7931i	−0.0582+0.0309i
36.2	0.3172−1.1723i	−0.1107+0.5876i	−1.4401−1.7015i	0.0847−0.8654i	−0.1544+0.0567i	1.1415−0.7769i	−0.0285−0.8144i	−0.0603+0.0410i
36.3	0.2894−1.2090i	−0.0995+0.5944i	−1.4587−1.7613i	0.0530−0.8870i	−0.1573+0.0676i	1.1413−0.8048i	−0.0536−0.8337i	−0.0630+0.0397i
36.4	0.2166−1.2524i	−0.0703+0.5948i	−1.5914−1.8203i	−0.0202−0.9145i	−0.1651+0.0759i	1.1332−0.8224i	−0.1205−0.8503i	−0.0701+0.0484i
36.5	0.1543−1.2692i	−0.0558+0.5772i	−1.6392−1.7277i	−0.0820−0.9093i	−0.1764+0.0983i	1.1279−0.8278i	−0.1650−0.8509i	−0.0713+0.0516i
36.6	0.1041−1.2971i	−0.0444+0.5621i	−1.7120−1.6194i	−0.1303−0.9169i	−0.1741+0.1286i	1.1424−0.8217i	−0.2132−0.8632i	−0.0790+0.0549i
36.7	0.0549−1.3044i	−0.0258+0.5560i	−1.7254−1.5456i	−0.1720−0.9070i	−0.1685+0.1465i	1.1401−0.8498i	−0.2572−0.8576i	−0.0826+0.0615i
36.8	0.0359−1.3056i	−0.0088+0.5623i	−1.8164−1.5376i	−0.1876−0.8843i	−0.1755+0.1578i	1.1020−0.8890i	−0.2713−0.8451i	−0.0750+0.0668i
36.9	0.0015−1.3179i	−0.0004+0.5447i	−1.8240−1.5447i	−0.1999−0.8890i	−0.1724+0.1803i	1.0537−0.8790i	−0.2928−0.8450i	−0.0793+0.0736i
37.0	−0.0263−1.3153i	−0.0055+0.5424i	−1.8625−1.5667i	−0.2235−0.8838i	−0.1685+0.1853i	1.0491−0.8882i	−0.3117−0.8336i	−0.0813+0.0889i
37.1	−0.0317−1.3369i	0.0063+0.5538i	−1.9289−1.5768i	−0.2329−0.8993i	−0.1778+0.2018i	1.0260−0.8803i	−0.3193−0.8454i	−0.0765+0.1035i

37.2	-0.0426-1.3913i	0.0362+0.5471i	-1.9791-1.5789i	-0.2354-0.9393i	-0.1846+0.2328i	0.9853-0.8459i	-0.3360-0.8794i	-0.0752+0.1107i
37.3	-0.0692-1.4549i	0.0601+0.5308i	-1.9829-1.5359i	-0.2538-0.9974i	-0.1833+0.2603i	0.9689-0.7970i	-0.3625-0.9186i	-0.0754+0.1240i
37.4	-0.0900-1.5044i	0.0776+0.5206i	-2.0985-1.5579i	-0.2714-1.0329i	-0.1882+0.2929i	0.9445-0.7705i	-0.3792-0.9382i	-0.0628+0.1406i
37.5	-0.1721-1.5858i	0.0836+0.5118i	-2.2079-1.6535i	-0.3489-1.0959i	-0.1704+0.3354i	0.9651-0.7268i	-0.4453-0.9731i	-0.0541+0.1593i
37.6	-0.2372-1.6623i	0.0886+0.5038i	-2.3202-1.6703i	-0.4214-1.1523i	-0.1503+0.3709i	1.0187-0.6821i	-0.4946-1.0046i	-0.0402+0.1841i
37.7	-0.3396-1.7210i	0.0904+0.4833i	-2.2365-1.6397i	-0.5139-1.1796i	-0.1143+0.4106i	1.0950-0.6954i	-0.5588-1.0125i	-0.0246+0.2061i
37.8	-0.4499-1.7550i	0.1034+0.4602i	-2.2819-1.6718i	-0.6116-1.1942i	-0.0773+0.4365i	1.1656-0.7132i	-0.6292-1.0174i	-0.0043+0.2186i
37.9	-0.6167-1.8201i	0.1152+0.4267i	-2.4548-1.8109i	-0.7298-1.2349i	-0.0118+0.4643i	1.1852-0.7588i	-0.7038-1.0352i	0.0413+0.2516i
38.0	-0.7472-1.7941i	0.1014+0.4202i	-2.5399-1.9013i	-0.8189-1.2029i	0.0303+0.4457i	1.1177-0.8422i	-0.7510-1.0099i	0.0858+0.2517i
38.1	-0.9354-1.7590i	0.0762+0.4022i	-2.7168-1.9590i	-0.9740-1.1859i	0.0733+0.4239i	1.0768-0.8554i	-0.8472-1.0028i	0.1488+0.2419i
38.2	-1.0530-1.6991i	0.0513+0.3722i	-2.9718-1.9435i	-1.0591-1.1505i	0.0996+0.4123i	1.0013-0.7761i	-0.8907-0.9891i	0.1934+0.2203i
38.3	-1.1520-1.6426i	0.0171+0.3742i	-3.1922-1.9515i	-1.1397-1.1208i	0.1158+0.3995i	0.9488-0.6829i	-0.9288-0.9859i	0.2400+0.1955i
38.4	-1.2580-1.6060i	-0.0238+0.4026i	-3.3905-1.9064i	-1.2502-1.1094i	0.1341+0.3902i	0.9776-0.5620i	-0.9971-1.0142i	0.2773+0.1537i
38.5	-1.3295-1.5464i	-0.0491+0.4431i	-3.4606-1.6481i	-1.3183-1.0567i	0.1520+0.4023i	1.0134-0.4344i	-1.0380-1.0223i	0.3081+0.0996i
38.6	-1.4101-1.4837i	-0.0440+0.4910i	-3.4709-1.5858i	-1.3981-1.0098i	0.1746+0.3994i	1.1070-0.3572i	-1.1133-1.0291i	0.3196+0.0457i
38.7	-1.5385-1.4206i	-0.0151+0.5346i	-3.6215-1.6426i	-1.5342-0.9726i	0.1961+0.3838i	1.2223-0.2947i	-1.2385-1.0459i	0.3320-0.0135i
38.8	-1.6200-1.3162i	0.0159+0.5614i	-3.7284-1.6016i	-1.6245-0.8909i	0.2216+0.3667i	1.3774-0.2170i	-1.3463-1.0238i	0.3129-0.0745i
38.9	-1.6862-1.2306i	0.0484+0.5810i	-3.9140-1.5627i	-1.7107-0.8260i	0.2371+0.3535i	1.5485-0.1522i	-1.4575-1.0079i	0.2863-0.1290i
39.0	-1.7524-1.1034i	0.0982+0.5835i	-4.1323-1.4048i	-1.8059-0.7079i	0.2521+0.3334i	1.7544-0.1647i	-1.5910-0.9399i	0.2442-0.1780i
39.1	-1.7935-1.0014i	0.1269+0.5761i	-4.1469-1.1529i	-1.8709-0.5992i	0.2650+0.3172i	1.9772-0.2450i	-1.7007-0.8532i	0.1896-0.2005i
39.2	-1.8292-0.8932i	0.1617+0.5758i	-4.3153-1.0861i	-1.9437-0.4759i	0.2708+0.3013i	2.1726-0.3830i	-1.8085-0.7491i	0.1411-0.2148i
39.3	-1.8650-0.8040i	0.2026+0.5737i	-4.5209-0.9750i	-2.0054-0.3605i	0.2691+0.2841i	2.3134-0.5793i	-1.8988-0.6405i	0.1070-0.2061i
39.4	-1.9214-0.7093i	0.2614+0.5509i	-4.5823-0.8799i	-2.0805-0.2305i	0.2651+0.2707i	2.3952-0.8113i	-1.9947-0.5172i	0.0832-0.2002i
39.5	-1.9512-0.5930i	0.3079+0.5016i	-4.7738-0.7330i	-2.1215-0.0829i	0.2635+0.2720i	2.4381-0.9937i	-2.0623-0.3733i	0.0615-0.1911i
39.6	-1.9652-0.4824i	0.3101+0.4539i	-4.8255-0.5183i	-2.1379+0.0544i	0.2615+0.2614i	2.4560-1.1779i	-2.0978-0.2188i	0.0413-0.1632i
39.7	-1.9970-0.3577i	0.2962+0.3990i	-4.6309-0.1328i	-2.1677+0.2282i	0.2687+0.2633i	2.4622-1.4226i	-2.1348-0.0299i	0.0396-0.1439i
39.8	-1.9814-0.2195i	0.2972+0.3699i	-4.5951-0.0712i	-2.1250+0.3981i	0.2666+0.2731i	2.2998-1.5675i	-2.0831+0.1151i	0.0546-0.1566i
39.9	-1.9256-0.0664i	0.3051+0.3335i	-4.5979+0.0273i	-2.0490+0.5690i	0.2651+0.2826i	2.1680-1.6537i	-2.0181+0.2614i	0.0461-0.1643i
40.0	-1.8786+0.0581i	0.2888+0.2963i	-4.4330+0.2195i	-1.9935+0.7201i	0.2729+0.2900i	2.1261-1.7634i	-1.9746+0.4056i	0.0343-0.1599i
40.1	-1.8212+0.1658i	0.2659+0.2703i	-4.5573+0.2505i	-1.9323+0.8457i	0.2848+0.2950i	2.1143-1.8326i	-1.9336+0.5159i	0.0238-0.1526i
40.2	-1.7057+0.2254i	0.2314+0.2482i	-4.6368+0.4135i	-1.7933+0.9140i	0.3005+0.3103i	2.0519-1.8312i	-1.8256+0.5753i	0.0218-0.1506i
40.3	-1.6235+0.2305i	0.2230+0.2504i	-4.5795+0.5244i	-1.7029+0.9130i	0.3221+0.3146i	2.0484-1.8140i	-1.7539+0.5841i	0.0249-0.1311i
40.4	-1.5684+0.2389i	0.2435+0.2485i	-4.5478+0.4666i	-1.6379+0.9475i	0.3541+0.3077i	2.0245-1.9654i	-1.6764+0.6247i	0.0885-0.1373i
40.5	-1.5755+0.2850i	0.2541+0.2211i	-4.5757+0.3671i	-1.6326+1.0248i	0.3573+0.2958i	1.9453-2.1142i	-1.6467+0.6717i	0.1336-0.1972i
40.6	-1.5632+0.3326i	0.2599+0.1886i	-4.5726+0.4783i	-1.6058+1.0976i	0.3623+0.3063i	1.8807-2.1770i	-1.6140+0.7030i	0.1483-0.2519i
40.7	-1.5308+0.3983i	0.2475+0.1363i	-4.4079+0.5326i	-1.5481+1.1860i	0.3866+0.3191i	1.8028-2.2382i	-1.5700+0.7388i	0.1547-0.3329i
40.8	-1.4795+0.4470i	0.2126+0.0692i	-4.5409+0.6228i	-1.4683+1.2627i	0.3999+0.3140i	1.6997-2.3476i	-1.5197+0.7739i	0.1130-0.4186i
40.9	-1.4470+0.4726i	0.1753+0.0294i	-4.5859+0.7365i	-1.3864+1.3100i	0.4023+0.3335i	1.5628-2.4168i	-1.5047+0.7753i	0.0081-0.4816i
41.0	-1.4136+0.5170i	0.1300+0.0098i	-4.5107+0.7977i	-1.2994+1.3479i	0.4489+0.3673i	1.3779-2.3838i	-1.5008+0.8060i	-0.0904-0.4676i
41.1	-1.3490+0.5791i	0.0602-0.0318i	-4.3615+0.9969i	-1.1763+1.3838i	0.5532+0.3697i	1.2201-2.2289i	-1.4442+0.8518i	-0.1248-0.4566i
41.2	-1.2620+0.6267i	-0.0411-0.0444i	-4.4972+0.9591i	-1.0679+1.4290i	0.5863+0.3023i	1.2435-2.2230i	-1.4023+0.8904i	-0.2045-0.5246i
41.3	-1.1788+0.6054i	-0.1171+0.0239i	-4.3995+0.8970i	-0.9463+1.4006i	0.5751+0.2596i	1.2023-2.3293i	-1.3583+0.8909i	-0.3420-0.5148i
41.4	-1.1598+0.5591i	-0.1426+0.0788i	-4.1856+0.9026i	-0.8724+1.3266i	0.5647+0.2794i	0.9856-2.3630i	-1.3509+0.8553i	-0.4595-0.4356i
41.5	-1.1621+0.6256i	-0.1742+0.0674i	-4.3950+0.9262i	-0.8116+1.3249i	0.6380+0.3062i	0.6852-2.1102i	-1.3659+0.9264i	-0.5310-0.3095i
41.6	-1.1043+0.6377i	-0.1747+0.0952i	-4.6486+0.8107i	-0.7567+1.2337i	0.7056+0.2667i	0.6567-1.7359i	-1.3146+0.9514i	-0.5063-0.1664i
41.7	-1.0671+0.6441i	-0.1780+0.1268i	-4.6588+0.5097i	-0.7710+1.1744i	0.7497+0.2069i	0.8362-1.5079i	-1.2994+0.9599i	-0.4557-0.0968i
41.8	-1.0220+0.6142i	-0.2052+0.1754i	-4.5385+0.4141i	-0.7872+1.1203i	0.7787+0.1355i	1.1318-1.4521i	-1.2717+0.9590i	-0.3895-0.0559i
41.9	-1.0538+0.5537i	-0.1654+0.1306i	-4.6380+0.6365i	-0.8764+1.0608i	0.7772+0.0999i	1.2908-1.4369i	-1.2630+0.8890i	-0.2542-0.0911i
42.0	-1.0782+0.6144i	-0.2631+0.1285i	-4.7651+0.6059i	-0.9338+1.1667i	0.7754+0.0231i	1.4499-1.5963i	-1.3266+0.9430i	-0.2995-0.2047i
42.1	-1.0860+0.6696i	-0.3039+0.1735i	-4.8976+0.5354i	-0.9315+1.2336i	0.7530-0.0159i	1.3724-1.6526i	-1.3379+0.9891i	-0.3738-0.2351i
42.2	-1.0469+0.7568i	-0.3709+0.2146i	-4.9389+0.5209i	-0.9085+1.2868i	0.7093-0.0366i	1.4485-1.3457i	-1.3224+1.0138i	-0.4547-0.2347i
42.3	-0.9807+0.7809i	-0.3912+0.2750i	-5.2547+0.6015i	-0.9085+1.3558i	0.7023-0.0172i	1.8876-1.4867i	-1.3642+1.0496i	-0.5362-0.1949i
42.4	-0.9694+0.8330i	-0.3915+0.3319i	-5.1742+0.6754i	-0.8857+1.4491i	0.7607-0.0283i	1.8862-1.8126i	-1.4093+1.1541i	-0.5909-0.1143i
42.5	-0.8873+0.8847i	-0.3834+0.3790i	-5.3802+0.6393i	-0.8114+1.4889i	0.7615-0.0875i	1.9122-1.8399i	-1.3653+1.2388i	-0.5938-0.0475i
42.6	-0.8228+0.8656i	-0.3531+0.4406i	-5.8373+0.8664i	-0.7559+1.5176i	0.7749-0.1128i	1.9787-2.0710i	-1.3696+1.3157i	-0.6377+0.0425i
42.7	-0.7435+0.8759i	-0.2560+0.4367i	-6.0319+0.8930i	-0.6536+1.4730i	0.7627-0.1466i	1.7285-1.8752i	-1.2405+1.3823i	-0.5672+0.2126i
42.8	-0.6982+0.8329i	-0.2437+0.3516i	-5.8976+0.6760i	-0.7321+1.3854i	0.7697-0.1513i	2.1586-1.5883i	-1.2015+1.2898i	-0.3628+0.2187i
42.9	-0.7327+0.8166i	-0.3395+0.3492i	-6.2905+0.6938i	-0.8172+1.5424i	0.7967-0.2258i	2.5243-2.2253i	-1.3294+1.3582i	-0.3833+0.0644i
43.0	-0.7306+0.8774i	-0.3525+0.4304i	-6.6734+0.7866i	-0.7299+1.7379i	0.7648-0.2934i	2.2722-2.7867i	-1.3379+1.5610i	-0.5196+0.0724i
43.1	-0.6633+0.9596i	-0.3104+0.4258i	-6.9419+0.7576i	-0.5981+1.8229i	0.7472-0.3140i	2.1669-2.8771i	-1.2325+1.7067i	-0.5215+0.1905i
43.2	-0.5062+0.9622i	-0.3795+0.4089i	-6.8790+0.8276i	-0.4662+1.7957i	0.7692-0.3625i	2.3900-2.9067i	-1.0679+1.7316i	-0.3775+0.2392i
43.3	-0.4655+0.8044i	-0.3549+0.4900i	-6.7999+0.7793i	-0.4222+1.7022i	0.6897-0.4346i	2.2921-3.3749i	-0.9903+1.6198i	-0.3398+0.1192i
43.4	-0.5797+0.7596i	-0.3076+0.4512i	-7.1598+0.9496i	-0.5047+1.6785i	0.5876-0.3433i	1.9562-3.3169i	-1.0824+1.5371i	-0.4444+0.0959i

43.5	−0.6419+0.8127i	−0.3414+0.4327i	−7.0030+0.8664i	−0.5771+1.7901i	0.6342−0.2564i	2.1461−3.4423i	−1.2229+1.6160i	−0.4823+0.1561i
43.6	−0.6049+0.9336i	−0.4648+0.4095i	−7.4355+1.3326i	−0.4845+2.0066i	0.7449−0.3151i	2.0761−3.8357i	−1.2262+1.8692i	−0.4662+0.1756i
43.7	−0.4433+0.9927i	−0.5866+0.5506i	−7.9756+1.5422i	−0.2166+2.1204i	0.7571−0.4604i	1.8047−4.2956i	−1.0164+2.1050i	−0.4605+0.2008i
43.8	−0.3833+0.9490i	−0.5305+0.6799i	−7.7515+0.9558i	−0.0686+2.0769i	0.6900−0.5407i	1.3429−4.6529i	−0.8524+2.1371i	−0.4841+0.2016i
43.9	−0.3825+0.8790i	−0.4240+0.7009i	−8.1453+1.2801i	0.0331+1.9877i	0.5863−0.5527i	0.5897−4.6673i	−0.6751+2.1003i	−0.4534+0.2291i
44.0	−0.3336+0.8974i	−0.4768+0.7000i	−8.8098+1.3567i	0.1266+1.9634i	0.5156−0.5625i	0.2682−4.2767i	−0.5701+2.0399i	−0.4779+0.1609i
44.1	−0.3324+0.8517i	−0.3847+0.7780i	−9.3144+1.9700i	0.1736+1.9306i	0.4321−0.4588i	0.1823−4.2628i	−0.6047+1.9961i	−0.6492+0.2543i
44.2	−0.3485+0.9529i	−0.3484+0.6580i	−9.8586+1.9544i	0.2732+2.0247i	0.5294−0.3698i	−0.5372−4.2678i	−0.5719+2.1999i	−0.5845+0.4985i
44.3	−0.2458+1.0347i	−0.4639+0.6894i	−9.6018+1.6478i	0.4561+1.9734i	0.5975−0.4466i	−0.7927−3.5178i	−0.3470+2.2324i	−0.4187+0.4905i
44.4	−0.0835+0.9782i	−0.4807+0.8663i	−9.5769+1.7091i	0.5560+1.8160i	0.5923−0.5082i	−0.1107−3.2412i	−0.2360+2.0970i	−0.4224+0.4197i
44.5	0.0036+0.8517i	−0.3999+0.9442i	−10.8830+2.0198i	0.6067+1.6882i	0.5468−0.5561i	−0.1581−3.5510i	−0.1623+2.0739i	−0.4409+0.4917i
44.6	0.0549+0.7964i	−0.3706+1.0347i	−11.7297+2.3009i	0.6640+1.5827i	0.5083−0.5629i	−0.5091−3.3142i	−0.0186+2.0690i	−0.3444+0.5998i
44.7	0.0903+0.6724i	−0.1790+1.0331i	−13.6078+3.7812i	0.6519+1.4960i	0.4754−0.5693i	−0.4036−3.2720i	0.0644+1.9818i	−0.2624+0.5343i
44.8	0.0222+0.5973i	0.0652+0.9553i	−13.5098+3.7707i	0.6104+1.4208i	0.4211−0.5693i	−0.6640−3.4929i	0.1080+1.9062i	−0.2341+0.5342i
44.9	−0.0717+0.6158i	0.0368+0.6283i	−12.9570+4.2274i	0.5018+1.4098i	0.4225−0.4828i	−0.9548−3.1204i	0.0509+1.7617i	−0.1784+0.4490i
45.0	−0.0138+0.5923i	−0.1716+0.6732i	−14.0228+5.9437i	0.5782+1.4691i	0.4905−0.4933i	−0.9277−2.9060i	0.0607+1.8209i	−0.2110+0.4378i
45.1	−0.0144+0.5915i	−0.1595+0.5892i	−14.8814+6.5669i	0.6302+1.4476i	0.5312−0.5146i	−0.9610−2.5262i	0.1419+1.7975i	−0.1679+0.4014i
45.2	0.0055+0.6146i	−0.3311+0.5025i	−14.9858+7.0185i	0.6521+1.4666i	0.5732−0.6220i	−0.7257−2.7090i	0.0972+1.8314i	−0.2355+0.3689i
45.3	0.0434+0.6168i	−0.4639+0.5888i	−14.8488+6.7494i	0.7421+1.4429i	0.4991−0.7326i	−1.0447−2.7727i	0.1815+1.8879i	−0.2803+0.4004i
45.4	0.0664+0.5571i	−0.4815+0.7180i	−14.1456+7.0898i	0.7579+1.3587i	0.4017−0.7984i	−1.0413−2.8131i	0.2657+1.8656i	−0.2867+0.4234i
45.5	0.0019+0.4091i	−0.5959+0.7723i	−14.1326+9.7456i	0.7158+1.2074i	0.2729−0.6992i	−1.1059−2.3459i	0.3095+1.6492i	−0.3025+0.4403i
45.6	−0.0306+0.4575i	−0.6992+0.8053i	−15.0850+11.1278i	0.6891+1.2667i	0.3363−0.5837i	−0.8928−2.0529i	0.2145+1.6518i	−0.2986+0.4725i
45.7	0.0047+0.3225i	−0.8684+0.9946i	−13.8658+17.0513i	0.7844+1.1234i	0.3730−0.5697i	−0.5787−1.5266i	0.3271+1.5086i	−0.2871+0.4854i
45.8	−0.0252+0.3028i	−0.8180+1.1145i	−14.2056+16.2254i	0.7749+1.0874i	0.3178−0.5334i	−0.7403−1.2271i	0.3405+1.4287i	−0.2871+0.5036i
45.9	−0.0457+0.3823i	−0.7896+1.2284i	−15.9253+14.5378i	0.8159+1.1660i	0.3358−0.5352i	−0.9703−1.1874i	0.3306+1.5307i	−0.2837+0.5875i
46.0	0.0112+0.3536i	−0.6811+1.3884i	−17.1021+17.8445i	0.8869+1.0486i	0.3844−0.5279i	−0.5440−0.6255i	0.3797+1.4411i	−0.1943+0.6090i
46.1	−0.0022+0.3255i	−0.4569+1.5148i	−13.6821+19.3776i	0.7921+0.9799i	0.4239−0.6198i	0.2599−1.0899i	0.2671+1.4351i	−0.1562+0.5530i
46.2	−0.0559+0.2054i	−0.3692+1.4316i	−12.2095+22.0531i	0.7342+0.9465i	0.4065−0.6496i	0.4740−1.4857i	0.2329+1.4512i	−0.1778+0.5418i
46.3	−0.1383+0.1555i	−0.3191+1.3725i	−12.1648+21.0694i	0.7788+0.9565i	0.3375−0.5930i	−0.1832−1.3750i	0.3247+1.4469i	−0.2016+0.5551i
46.4	−0.2815+0.3057i	−0.2813+1.1887i	−12.8794+22.3468i	0.7862+0.9016i	0.4634−0.5132i	0.1421−0.5416i	0.3085+1.3438i	−0.1630+0.5741i
46.5	−0.2644+0.4323i	−0.6754+1.1059i	−8.7444+26.4322i	0.7061+0.8377i	0.6209−0.7017i	1.1705−0.8722i	0.1563+1.3253i	−0.2020+0.5347i
46.6	−0.1651+0.4160i	−0.9740+1.3547i	−6.8473+28.0222i	0.6917+0.8175i	0.5826−0.8249i	1.3928−1.1634i	0.1191+1.3808i	−0.2656+0.6057i
46.7	−0.1228+0.3330i	−1.0219+1.6434i	−5.8442+28.6248i	0.6515+0.7731i	0.5427−0.8222i	1.5974−0.9924i	0.0915+1.3527i	−0.2351+0.6587i
46.8	−0.2300+0.3212i	−0.8312+2.1132i	−0.3776+27.6596i	0.5678+0.8351i	0.5086−0.9372i	1.9539−1.7457i	0.0089+1.5050i	−0.2064+0.7134i
46.9	−0.3205+0.3974i	−0.5363+2.4003i	3.1693+25.8068i	0.5575+0.8827i	0.4425−1.0513i	1.9852−2.3075i	0.0243+1.6591i	−0.1936+0.7758i
47.0	−0.2496+0.4792i	−0.3518+2.2453i	1.8323+24.9611i	0.5728+0.8602i	0.3963−1.0536i	2.0553−2.4486i	0.1124+1.6769i	−0.1429+0.8454i
47.1	−0.1557+0.4767i	−0.4368+2.3653i	4.7965+25.3389i	0.5006+0.9042i	0.3535−1.1487i	2.1267−3.3256i	0.1177+1.7348i	−0.0116+0.8602i
47.2	−0.1237+0.3999i	−0.3513+2.8635i	7.2306+25.2612i	0.5574+0.9955i	0.2123−1.2952i	1.4232−3.8877i	0.1983+1.9111i	0.0322+0.8807i
47.3	−0.1541+0.3269i	0.0486+2.9165i	6.2715+24.2104i	0.6684+0.9662i	0.0451−1.2217i	0.6055−3.4872i	0.4024+1.8731i	0.0822+0.8746i
47.4	−0.2216+0.3235i	0.4760+2.8606i	5.9491+22.1054i	0.7127+0.9168i	−0.0732−1.1050i	0.1154−2.8983i	0.5388+1.7925i	0.1395+0.8449i
47.5	−0.2751+0.4249i	0.8823+2.5897i	6.3233+18.5668i	0.7151+0.9146i	−0.1072−0.9824i	0.0234−2.6848i	0.6112+1.7340i	0.1799+0.7904i
47.6	−0.3745+0.6838i	1.0340+2.4556i	10.0206+18.1855i	0.6657+0.9529i	0.0197−0.9731i	0.5775−2.4266i	0.5357+1.7659i	0.2163+0.7950i
47.7	−0.1520+0.7710i	1.0484+2.3334i	9.7811+16.7624i	0.6903+0.9313i	−0.0014−1.0619i	1.1326−2.4495i	0.5936+1.7829i	0.2508+0.8013i
47.8	0.0890+0.6530i	1.1574+2.2815i	11.3787+16.1878i	0.7030+0.9024i	−0.1506−1.1312i	1.6039−3.4553i	0.7296+1.7906i	0.3760+0.8050i
47.9	0.0816+0.5495i	1.2833+2.2175i	11.9120+15.6154i	0.7072+0.8429i	−0.2292−1.1118i	1.2320−3.6046i	0.8013+1.7064i	0.4414+0.7346i
48.0	0.1614+0.5300i	1.3376+2.1108i	12.5624+15.8857i	0.6628+0.8179i	−0.3471−1.1230i	1.5876−3.8598i	0.8511+1.6685i	0.4973+0.7014i
48.1	0.1796+0.3877i	1.3640+2.0274i	11.4870+14.4293i	0.6776+0.8451i	−0.4178−0.9919i	0.9704−4.1076i	0.8895+1.6006i	0.5046+0.6294i
48.2	0.0747+0.3476i	1.4455+1.9014i	10.3080+13.4857i	0.7000+0.8629i	−0.3763−0.9152i	0.5216−3.9223i	0.8811+1.5744i	0.4767+0.5759i
48.3	0.0468+0.3620i	1.4670+1.7743i	11.1682+12.8265i	0.7377+0.8604i	−0.4055−0.8740i	0.0361−3.7869i	0.9245+1.5468i	0.4531+0.5153i
48.4	0.1086+0.3061i	1.4422+1.6643i	11.1431+13.8156i	0.7626+0.7613i	−0.4156−0.8272i	0.4418−3.1805i	1.0047+1.4778i	0.4832+0.5319i
48.5	0.1010+0.3341i	1.4359+1.5716i	10.3248+11.6821i	0.7400+0.7666i	−0.4159−0.7920i	0.6593−3.0897i	1.0293+1.4174i	0.4799+0.4864i
48.6	0.1522+0.3096i	1.4383+1.6076i	11.2168+11.2916i	0.7007+0.7733i	−0.4515−0.7746i	1.1947−3.4863i	1.0340+1.3702i	0.5126+0.4441i
48.7	0.1586+0.1659i	1.5266+1.5585i	10.9998+11.4977i	0.7175+0.7932i	−0.4851−0.7304i	1.1674−4.3813i	1.0825+1.3193i	0.5103+0.3522i
48.8	0.0839+0.0803i	1.4979+1.4193i	10.5694+11.3020i	0.7630+0.7769i	−0.4797−0.6610i	0.3021−4.7411i	1.0884+1.2315i	0.4265+0.3205i
48.9	0.0102+0.0601i	1.4570+1.3685i	10.3308+10.6143i	0.7917+0.7222i	−0.4547−0.5959i	−0.3403−4.3021i	1.0757+1.1590i	0.3875+0.3421i
49.0	−0.0475+0.0456i	1.4602+1.3757i	10.0337+9.4134i	0.7580+0.6687i	−0.3985−0.5523i	−0.3679−3.7710i	1.0426+1.0852i	0.3962+0.3466i
49.1	−0.1465−0.0142i	1.4529+1.4145i	10.2487+9.4375i	0.6858+0.6813i	−0.3694−0.5594i	−0.2657−3.9458i	0.9530+1.0771i	0.3716+0.3352i
49.2	−0.2834+0.0616i	1.4928+1.4106i	10.3163+8.5566i	0.6839+0.7227i	−0.3533−0.5730i	−0.5813−3.8105i	0.9338+1.1327i	0.3494+0.3559i
49.3	−0.3195+0.2128i	1.5649+1.3601i	9.9865+7.8348i	0.6812+0.6982i	−0.3548−0.5813i	−0.3269−3.3933i	0.9637+1.0966i	0.3725+0.3488i
49.4	−0.2554+0.2484i	1.5699+1.3300i	9.5645+8.2437i	0.6700+0.6758i	−0.3750−0.5908i	0.0139−3.4981i	0.9653+1.0447i	0.3728+0.3480i
49.5	−0.2032+0.1794i	1.5732+1.2594i	8.8475+8.8707i	0.7204+0.6430i	−0.4025−0.5591i	−0.3233−3.6547i	0.9909+0.9754i	0.3626+0.3440i
49.6	−0.2391+0.1890i	1.5622+1.2344i	8.0387+8.5316i	0.6925+0.5989i	−0.3837−0.5309i	−0.2942−3.1267i	0.9337+0.9345i	0.3413+0.3646i
49.7	−0.2621+0.2377i	1.6290+1.2706i	8.4233+8.2587i	0.5945+0.6170i	−0.3686−0.5246i	0.4067−3.2590i	0.8523+0.9491i	0.3664+0.3831i

49.8	−0.2306+0.2785i	1.7953+1.2615i	8.6671+7.8440i	0.5643+0.7094i	−0.3602−0.5406i	0.7663−4.2264i	0.8568+1.0056i	0.4116+0.3640i
49.9	−0.2145+0.2462i	1.8652+1.1165i	8.4784+7.4042i	0.6288+0.7609i	−0.3719−0.5490i	−0.1009−4.8875i	0.8995+1.0161i	0.3965+0.3203i
50.0	−0.3098+0.1772i	1.8575+1.0511i	8.4980+7.6666i	0.6470+0.6929i	−0.3925−0.5103i	−0.8000−4.3809i	0.8844+0.9536i	0.3825+0.3322i
50.1	−0.3608+0.2262i	1.8955+0.9934i	8.3827+7.9567i	0.6243+0.6858i	−0.3962−0.4946i	−0.6684−4.2129i	0.8779+0.9339i	0.3926+0.3303i
50.2	−0.3108+0.3106i	1.9006+0.8661i	7.7406+7.5530i	0.6549+0.7153i	−0.4049−0.4725i	−0.7850−4.1718i	0.8884+0.9252i	0.3776+0.3299i
50.3	−0.2961+0.3328i	1.8669+0.7474i	8.1778+6.8143i	0.6353+0.7364i	−0.3631−0.4286i	−1.1215−4.1703i	0.8332+0.9199i	0.3734+0.3386i
50.4	−0.3552+0.3237i	1.7911+0.7360i	8.5798+5.9317i	0.5783+0.7234i	−0.3125−0.4384i	−1.2811−3.7185i	0.7360+0.9021i	0.3643+0.3126i
50.5	−0.3810+0.3705i	1.8331+0.8066i	8.5550+5.7459i	0.5191+0.7679i	−0.3045−0.4401i	−0.6491−3.7260i	0.6718+0.9695i	0.3660+0.3484i
50.6	−0.4131+0.3677i	1.8905+0.7125i	8.8679+6.3991i	0.5063+0.8161i	−0.2588−0.4438i	−0.7383−4.2190i	0.6948+1.0161i	0.4515+0.3262i
50.7	−0.4837+0.3765i	1.8680+0.6405i	8.6449+6.6731i	0.5278+0.8373i	−0.2726−0.4733i	−1.1540−4.1041i	0.7221+1.0268i	0.4247+0.3025i
50.8	−0.4936+0.4942i	1.8549+0.5804i	8.3787+6.2351i	0.5156+0.8716i	−0.2376−0.4895i	−0.9748−3.7887i	0.7165+1.0530i	0.4629+0.3189i
50.9	−0.4959+0.5377i	1.8584+0.5555i	8.4885+6.8547i	0.4955+0.9235i	−0.2542−0.5347i	−0.7006−4.0284i	0.7049+1.0646i	0.4954+0.2696i
51.0	−0.4600+0.5554i	1.8551+0.4972i	8.5474+6.4663i	0.5679+0.9632i	−0.2872−0.5416i	−1.0746−4.1832i	0.7331+1.0878i	0.4598+0.2495i
51.1	−0.3911+0.6632i	1.8748+0.3815i	7.4880+4.9251i	0.6793+1.0157i	−0.2885−0.5760i	−1.3571−3.9618i	0.8034+1.1499i	0.4376+0.2251i
51.2	−0.2949+0.7138i	1.7704+0.2459i	7.2822+5.5297i	0.7437+1.0115i	−0.3802−0.5892i	−1.4330−3.9704i	0.8338+1.1171i	0.3678+0.1713i
51.3	−0.2386+0.6940i	1.6817+0.2412i	7.6572+5.2275i	0.7693+0.9890i	−0.4132−0.5346i	−1.4972−3.8617i	0.8246+1.1143i	0.3167+0.2379i
51.4	−0.1938+0.6957i	1.6872+0.2187i	7.6167+5.1095i	0.7924+1.0203i	−0.3687−0.5381i	−1.4375−4.0090i	0.8480+1.1468i	0.3841+0.2464i
51.5	−0.2203+0.6786i	1.6456+0.2145i	7.1193+4.6730i	0.8453+1.0151i	−0.3828−0.5617i	−1.6766−3.7388i	0.8871+1.1576i	0.3740+0.2415i
51.6	−0.2439+0.7723i	1.6903+0.1750i	6.8678+5.0028i	0.8585+1.0063i	−0.4228−0.5702i	−1.3663−3.5186i	0.9164+1.1793i	0.3942+0.2233i
51.7	−0.1409+0.8048i	1.6201+0.1315i	6.8177+4.9287i	0.9133+1.0154i	−0.4773−0.5432i	−1.2880−3.6141i	0.9543+1.1956i	0.3351+0.2398i
51.8	−0.0839+0.7987i	1.5746+0.1195i	6.5088+4.3816i	0.9555+1.0299i	−0.4662−0.5101i	−1.3976−3.7205i	0.9912+1.2166i	0.3367+0.2989i
51.9	−0.0814+0.7740i	1.5460+0.0660i	6.3147+4.7200i	1.0096+0.9737i	−0.4743−0.5497i	−1.5439−3.6989i	1.0353+1.1667i	0.3613+0.2475i
52.0	−0.0421+0.8874i	1.5213+0.0509i	6.2365+4.8050i	1.0133+0.9522i	−0.5651−0.4904i	−1.3357−3.5043i	1.0558+1.1636i	0.3359+0.2989i
52.1	0.0550+0.8818i	1.4759+0.0166i	5.7875+4.8862i	1.0253+0.9324i	−0.5353−0.4179i	−1.1999−3.4140i	1.0989+1.1376i	0.4010+0.3501i
52.2	0.1358+0.8580i	1.4407+0.0027i	5.6828+5.0852i	1.0523+0.9448i	−0.4982−0.4182i	−1.0215−3.5831i	1.1268+1.1224i	0.4335+0.3165i
52.3	0.2210+0.7328i	1.4480−0.0181i	5.7492+5.3209i	1.1371+0.9018i	−0.4965−0.4066i	−1.1765−4.0759i	1.1641+1.0795i	0.4110+0.2864i
52.4	0.0626+0.6847i	1.4041+0.0107i	5.6133+5.3963i	1.0694+0.8074i	−0.4936−0.3670i	−1.4680−3.6919i	1.1057+1.0266i	0.4081+0.3796i
52.5	0.1432+0.7951i	1.3958−0.0531i	5.4337+5.2529i	1.0501+0.8420i	−0.4071−0.3871i	−1.1504−3.6596i	1.1290+1.0543i	0.5799+0.3646i
52.6	0.3009+0.7682i	1.2737−0.1299i	5.4230+5.0375i	1.0941+0.8945i	−0.3579−0.5304i	−1.0719−4.0285i	1.1772+1.0302i	0.6270+0.1394i
52.7	0.2673+0.7011i	1.1713−0.0620i	5.4345+4.6469i	1.1235+0.8974i	−0.4988−0.5886i	−1.3846−4.0913i	1.1332+1.0180i	0.4218+0.0763i
52.8	0.2623+0.7958i	1.1986+0.0728i	4.9392+4.5290i	1.1757+0.8879i	−0.6297−0.4868i	−1.1821−3.8903i	1.1390+1.0671i	0.3089+0.2153i
52.9	0.3940+0.7983i	1.2578+0.1133i	4.7504+4.9441i	1.2324+0.8519i	−0.6874−0.3705i	−0.9124−4.1667i	1.1738+1.0730i	0.2943+0.3381i
53.0	0.4848+0.6769i	1.3664+0.0563i	4.6935+4.9030i	1.2702+0.7921i	−0.6236−0.2947i	−1.1099−4.6021i	1.2426+1.0855i	0.4133+0.4461i
53.1	0.5222+0.5907i	1.4217−0.0831i	4.7624+5.5150i	1.2756+0.7548i	−0.5253−0.2973i	−1.3945−5.0777i	1.3172+1.0512i	0.6098+0.3945i
53.2	0.5110+0.5080i	1.3483−0.2105i	4.8487+5.6057i	1.2776+0.7302i	−0.5219−0.3697i	−1.8560−5.1507i	1.3467+1.0004i	0.6388+0.2569i
53.3	0.4155+0.4372i	1.1289−0.2241i	4.5903+5.3870i	1.2788+0.6884i	−0.6863−0.3385i	−2.4965−4.7589i	1.3194+0.9195i	0.4217+0.1952i
53.4	0.3700+0.4380i	1.0151−0.1020i	4.6298+5.1148i	1.2734+0.6352i	−0.7496−0.1834i	−2.6447−4.3727i	1.2929+0.8972i	0.3089+0.3637i
53.5	0.3804+0.4401i	1.0762+0.0307i	4.6807+5.0845i	1.2205+0.5943i	−0.5610−0.0119i	−2.3923−4.3178i	1.2876+0.9027i	0.5278+0.5758i
53.6	0.3264+0.3767i	1.1570−0.0123i	4.7683+5.0174i	1.1639+0.6010i	−0.4690−0.1045i	−2.6442−4.4406i	1.2792+0.8879i	0.6663+0.4664i
53.7	0.2651+0.4450i	1.1599−0.0713i	4.5659+4.8842i	1.1736+0.6630i	−0.4609−0.1494i	−2.8272−4.1237i	1.2923+0.9211i	0.6661+0.4034i
53.8	0.3084+0.5780i	1.1140−0.0787i	3.6473+4.9037i	1.2355+0.6853i	−0.4063−0.0850i	−2.5238−3.8057i	1.3426+0.9224i	0.7359+0.4508i
53.9	0.4018+0.5897i	1.1584−0.1172i	3.5358+5.2207i	1.2349+0.6592i	−0.2964−0.0996i	−2.3212−3.9582i	1.3653+0.8926i	0.8740+0.4137i
54.0	0.5075+0.5447i	1.1120−0.2887i	3.5876+5.2038i	1.2313+0.6565i	−0.1909−0.2114i	−2.4473−4.0362i	1.3828+0.8495i	1.0134+0.2340i
54.1	0.5704+0.4540i	0.8872−0.2923i	3.4868+4.9624i	1.2617+0.6794i	−0.2173−0.3435i	−2.3963−3.9788i	1.3863+0.8067i	0.9659−0.0149i
54.2	0.5751+0.3646i	0.7620−0.0227i	2.9017+5.1196i	1.3647+0.6585i	−0.3937−0.4181i	−2.1582−4.1269i	1.3806+0.8009i	0.6855−0.0650i
54.3	0.5867+0.2894i	0.9590+0.0123i	2.5713+5.7158i	1.3851+0.5500i	−0.4373−0.3298i	−2.2925−4.5220i	1.3940+0.7638i	0.6675+0.0323i
54.4	0.5378+0.2315i	0.9939−0.0616i	2.5576+6.0700i	1.3480+0.5052i	−0.4390−0.3141i	−2.5482−4.5985i	1.3927+0.7240i	0.6760+0.0204i
54.5	0.5135+0.2071i	0.9635−0.1223i	2.5086+6.1672i	1.3371+0.4889i	−0.4630−0.3070i	−2.8256−4.5570i	1.3923+0.7156i	0.6392+0.0347i
54.6	0.4264+0.1752i	0.8909−0.1915i	2.8946+6.3666i	1.2799+0.4899i	−0.5012−0.2923i	−3.3103−4.5679i	1.3525+0.7099i	0.5913+0.0442i
54.7	0.3680+0.1923i	0.7697−0.1238i	2.5838+6.4060i	1.2686+0.4805i	−0.4711−0.2355i	−3.3571−4.2884i	1.3386+0.7045i	0.5963+0.1269i
54.8	0.4245+0.2505i	0.8044−0.0386i	2.2249+6.8425i	1.3011+0.4600i	−0.4055−0.2279i	−3.1116−4.2785i	1.3680+0.7038i	0.7176+0.1466i
54.9	0.4720+0.2316i	0.8069−0.0510i	2.2874+7.1037i	1.3050+0.4464i	−0.3953−0.2793i	−3.2113−4.4287i	1.3835+0.7015i	0.7516+0.0795i
55.0	0.4543+0.1723i	0.7703−0.0846i	2.5807+7.0796i	1.2669+0.4297i	−0.4156−0.2975i	−3.5858−4.3966i	1.3684+0.6721i	0.7395+0.0360i
55.1	0.4373+0.1535i	0.7413−0.0694i	2.6255+7.0962i	1.2597+0.4287i	−0.4261−0.2940i	−3.7286−4.2057i	1.3641+0.6563i	0.7457+0.0285i
55.2	0.4503+0.1542i	0.7123−0.1054i	2.6969+6.9996i	1.2653+0.4552i	−0.4322−0.3264i	−3.8632−4.0578i	1.3835+0.6598i	0.7670−0.0363i
55.3	0.4521+0.1570i	0.5978−0.1165i	2.6159+7.0653i	1.2550+0.4841i	−0.4249−0.3684i	−3.9344−3.8809i	1.3742+0.6576i	0.7655−0.1232i
55.4	0.4319+0.1311i	0.4982−0.0065i	2.4647+7.0074i	1.2602+0.4849i	−0.4752−0.4200i	−3.9058−3.7632i	1.3515+0.6299i	0.6989−0.1876i
55.5	0.4374+0.1318i	0.6001+0.2675i	1.8854+7.1770i	1.3210+0.4509i	−0.5964−0.3869i	−3.7053−3.8112i	1.3313+0.6505i	0.5610−0.0996i
55.6	0.4995+0.1208i	0.7411+0.1873i	1.8051+7.3457i	1.3367+0.4216i	−0.6133−0.3086i	−3.8385−3.8801i	1.3666+0.6583i	0.6098−0.0308i
55.7	0.5111+0.0796i	0.7376+0.1139i	1.8556+7.6298i	1.3189+0.4079i	−0.5891−0.2631i	−4.0495−3.8010i	1.3795+0.6475i	0.6690−0.0246i
55.8	0.5181+0.0253i	0.7177+0.0819i	1.8122+7.9939i	1.3190+0.4024i	−0.5906−0.2534i	−4.1306−3.7249i	1.3772+0.6444i	0.6779−0.0736i
55.9	0.4988−0.0066i	0.6821+0.0544i	1.3881+7.8832i	1.3011+0.3943i	−0.5440−0.2084i	−4.1426−3.5590i	1.3692+0.6214i	0.7433−0.0795i
56.0	0.5004−0.0281i	0.6565+0.1416i	1.0909+7.6300i	1.3235+0.3852i	−0.5281−0.1730i	−4.0883−3.3613i	1.3844+0.6263i	0.7736−0.0375i

56.1	0.5261−0.0363i	0.7953+0.1616i	0.5163+8.0543i	1.3290+0.3665i	−0.5180−0.2220i	−3.9384−3.4487i	1.4192+0.6409i	0.8654−0.1305i
56.2	0.5038−0.0954i	0.7711+0.0660i	0.2938+8.3974i	1.3213+0.3542i	−0.5575−0.2050i	−4.0425−3.5242i	1.4190+0.6303i	0.7997−0.1778i
56.3	0.4767−0.1689i	0.6719−0.0081i	0.0536+8.6678i	1.3049+0.3353i	−0.5425−0.1971i	−4.1096−3.5352i	1.4092+0.6032i	0.7495−0.2522i
56.4	0.4774−0.1806i	0.5702−0.0024i	0.1146+8.7412i	1.3245+0.3552i	−0.5213−0.1939i	−4.1505−3.4294i	1.4246+0.6186i	0.7099−0.2850i
56.5	0.4346−0.2277i	0.5170+0.0450i	−0.2012+8.9062i	1.3390+0.3497i	−0.5577−0.1912i	−4.2489−3.3992i	1.4354+0.6134i	0.6399−0.2637i
56.6	0.3932−0.2699i	0.4821+0.0916i	−0.5818+9.3035i	1.3271+0.3115i	−0.5717−0.1803i	−4.3438−3.3954i	1.4388+0.5850i	0.6187−0.2487i
56.7	0.3627−0.2863i	0.4408+0.1453i	−0.5553+9.4659i	1.3143+0.2880i	−0.5534−0.1406i	−4.3917−3.3179i	1.4473+0.5727i	0.6373−0.2000i
56.8	0.3555−0.3079i	0.4331+0.1547i	−0.9202+9.6899i	1.3032+0.2764i	−0.5261−0.1087i	−4.3843−3.2543i	1.4523+0.5646i	0.6934−0.1925i
56.9	0.2984−0.3195i	0.3853+0.1995i	−1.4220+10.6221i	1.2879+0.2812i	−0.5181−0.0923i	−4.5180−3.1932i	1.4582+0.5622i	0.6996−0.2031i
57.0	0.2618−0.3472i	0.3119+0.2691i	−2.0228+10.9652i	1.2708+0.2651i	−0.4740−0.0670i	−4.5330−3.1514i	1.4613+0.5455i	0.7522−0.1740i
57.1	0.2416−0.3790i	0.2575+0.4084i	−2.5270+11.3309i	1.2757+0.2562i	−0.4093−0.0955i	−4.5038−3.0404i	1.4534+0.5248i	0.8110−0.2129i
57.2	0.2252−0.3786i	0.3281+0.5246i	−2.8568+11.7717i	1.2778+0.2488i	−0.3859−0.1579i	−4.3971−2.9577i	1.4456+0.5224i	0.8666−0.2976i
57.3	0.1719−0.4050i	0.3704+0.4363i	−2.6371+13.3361i	1.2337+0.2290i	−0.4586−0.1618i	−4.5081−3.0834i	1.4554+0.5061i	0.7442−0.3999i
57.4	0.1342−0.4395i	0.3698+0.4383i	−2.8833+14.2075i	1.2143+0.2207i	−0.4906−0.1380i	−4.6041−3.1276i	1.4450+0.5046i	0.6867−0.3940i
57.5	0.0923−0.4589i	0.3121+0.5427i	−3.7110+14.5082i	1.1921+0.2439i	−0.4575−0.1692i	−4.5874−3.1619i	1.4288+0.5107i	0.6842−0.4112i
57.6	0.0418−0.4857i	0.2922+0.6611i	−4.2094+14.7743i	1.1596+0.2356i	−0.4389−0.1638i	−4.6258−3.1280i	1.4134+0.5064i	0.7057−0.3840i
57.7	0.0291−0.4919i	0.3354+0.6998i	−4.2651+15.3546i	1.1699+0.2429i	−0.4606−0.1458i	−4.6286−3.1020i	1.4152+0.5228i	0.7003−0.3619i
57.8	−0.0333−0.5167i	0.4306+0.8069i	−5.0377+16.9439i	1.1374+0.2476i	−0.4734−0.1595i	−4.6756−3.1674i	1.4161+0.5443i	0.7148−0.3860i
57.9	−0.0625−0.5216i	0.4678+0.8106i	−5.0913+18.4842i	1.1256+0.2681i	−0.4637−0.1411i	−4.6908−3.2317i	1.4252+0.5608i	0.7597−0.4083i
58.0	−0.1350−0.5230i	0.3914+0.7730i	−4.8460+19.9491i	1.1009+0.2766i	−0.4200−0.1224i	−4.8957−3.3290i	1.4297+0.5659i	0.7869−0.4296i
58.1	−0.1582−0.5420i	0.3912+0.8823i	−5.1050+20.8499i	1.0960+0.2691i	−0.4064−0.1002i	−4.9807−3.3010i	1.4401+0.5738i	0.8039−0.4131i
58.2	−0.1941−0.5708i	0.4822+0.9507i	−5.6218+22.0070i	1.0641+0.2783i	−0.3367−0.1101i	−5.0926−3.3366i	1.4785+0.5833i	0.9634−0.4229i
58.3	−0.2620−0.6221i	0.3736+0.9538i	−6.2170+24.1980i	1.0119+0.3599i	−0.2673−0.2899i	−5.2876−3.4661i	1.4882+0.5776i	1.0652−0.7563i
58.4	−0.3397−0.6140i	0.4024+1.1846i	−5.4564+25.3466i	1.0457+0.3953i	−0.3619−0.3448i	−5.4760−3.3527i	1.5036+0.5735i	0.9130−0.8546i
58.5	−0.4539−0.5953i	0.6921+1.3484i	−4.6553+27.1654i	1.0543+0.4098i	−0.4831−0.3526i	−5.5549−3.1746i	1.5084+0.5749i	0.7627−0.8895i
58.6	−0.5778−0.5491i	0.9473+1.3011i	−3.9594+29.6586i	1.0080+0.4389i	−0.5788−0.3275i	−5.6860−3.0901i	1.5011+0.5902i	0.6472−0.9335i
58.7	−0.6757−0.5321i	0.9690+1.2280i	−3.7023+31.7087i	0.9678+0.4771i	−0.5924−0.2701i	−5.8770−3.1293i	1.5011+0.6076i	0.5938−0.9432i
58.8	−0.7567−0.4506i	1.0015+1.1588i	−1.8030+33.4545i	0.9635+0.5522i	−0.5928−0.2168i	−6.1273−3.0166i	1.5397+0.6247i	0.5452−0.9396i
58.9	−0.8210−0.3883i	1.0615+1.1385i	−0.9974+35.2504i	0.9752+0.5981i	−0.6013−0.2103i	−6.2654−2.9183i	1.5551+0.6243i	0.4942−0.9612i
59.0	−0.8987−0.2451i	1.0748+1.0109i	1.6071+37.8408i	0.9990+0.6899i	−0.5961−0.1473i	−6.4997−2.6952i	1.5770+0.6540i	0.4216−0.9497i
59.1	−0.9836−0.1436i	1.0394+0.9526i	3.6358+40.4253i	1.0029+0.8090i	−0.5786−0.0917i	−6.7675−2.5190i	1.5982+0.7147i	0.3796−0.9778i
59.2	−1.0188−0.0778i	1.1288+0.9757i	5.3031+40.9694i	1.0333+0.8503i	−0.5679−0.1056i	−6.7938−2.3948i	1.6244+0.7139i	0.3488−1.0198i
59.3	−1.0225+0.0220i	1.0541+0.9729i	8.4137+42.1799i	1.0935+0.9104i	−0.5396−0.1023i	−6.9547−2.1854i	1.6636+0.7353i	0.2870−1.0275i
59.4	−1.0145+0.1111i	0.9998+1.0168i	10.9274+42.6054i	1.1564+0.9593i	−0.5118−0.1102i	−7.0665−1.9354i	1.7051+0.7401i	0.2536−1.0409i
59.5	−0.9627+0.2340i	1.0019+1.1029i	14.9638+42.5847i	1.2733+1.0440i	−0.4968−0.1371i	−7.1014−1.5776i	1.7669+0.7664i	0.1836−1.0459i
59.6	−0.9559+0.2878i	1.0576+1.1275i	16.8778+43.0827i	1.3349+1.0835i	−0.5174−0.1483i	−7.1011−1.4362i	1.8120+0.7876i	0.1169−1.0635i
59.7	−0.9213+0.3574i	1.1447+1.1892i	19.1441+43.0634i	1.4262+1.1291i	−0.5497−0.1673i	−7.0778−1.1959i	1.8657+0.8049i	0.0288−1.0734i
59.8	−0.8786+0.4579i	1.1711+1.2135i	23.1833+40.9865i	1.5520+1.1552i	−0.5405−0.1777i	−6.9759−0.8751i	1.9661+0.7868i	−0.0655−1.0344i
59.9	−0.8057+0.4894i	1.1956+1.2602i	25.3475+37.7853i	1.6712+1.1179i	−0.5214−0.1912i	−6.7615−0.6611i	2.0577+0.7246i	−0.0674−1.0034i
60.0	−0.7902+0.4971i	1.2932+1.2616i	26.8201+37.7163i	1.7552+1.1041i	−0.5621−0.1711i	−6.6974−0.4988i	2.1605+0.8039i	−0.2765−0.9972i
60.1	−0.7686+0.5137i	1.3629+1.1719i	28.8335+37.2944i	1.8344+1.1012i	−0.5973−0.1258i	−6.5988−0.4505i	2.2090+0.7720i	−0.2868−0.9596i
60.2	−0.7201+0.5534i	1.3556+1.1974i	29.5645+34.6337i	1.9197+1.0582i	−0.5802−0.1502i	−6.4157−0.3488i	2.2642+0.6545i	−0.2981−0.9177i
60.3	−0.7356+0.5977i	1.3374+1.1920i	30.0698+32.5925i	1.9783+1.0012i	−0.5568−0.1351i	−6.3776−0.3055i	2.3323+0.5575i	−0.3390−0.8593i
60.4	−0.7498+0.6529i	1.3402+1.1533i	30.1059+31.9358i	1.9999+0.9617i	−0.5443−0.1111i	−6.3374−0.2802i	2.3730+0.4840i	−0.3611−0.7816i
60.5	−0.7923+0.7195i	1.3516+1.1929i	31.0804+32.3254i	2.0535+0.9486i	−0.5380−0.1103i	−6.4035−0.2786i	2.4292+0.4136i	−0.4415−0.7385i
60.6	−0.8297+0.7852i	1.4391+1.1590i	31.7792+33.1359i	2.0995+0.9394i	−0.5631−0.0807i	−6.4685−0.2903i	2.4836+0.3560i	−0.5119−0.6851i
60.7	−0.7395+0.8497i	1.5048+1.1289i	32.4733+31.4722i	2.1590+0.8824i	−0.5739−0.0711i	−6.3313−0.1522i	2.4715+0.2615i	−0.5292−0.5798i
60.8	−0.6629+0.9214i	1.5043+1.0517i	32.7981+29.2114i	2.2039+0.8310i	−0.5546−0.0488i	−6.2084−0.0382i	2.4488+0.1732i	−0.5112−0.4593i
60.9	−0.6437+0.9571i	1.4221+0.9436i	33.2780+28.5418i	2.2352+0.7783i	−0.5160+0.0055i	−6.2375−0.0709i	2.4550+0.0870i	−0.5018−0.3880i
61.0	−0.6291+1.0130i	1.3203+0.8794i	34.6521+28.7249i	2.2691+0.7223i	−0.4744+0.0476i	−6.3263−0.0322i	2.4659−0.0145i	−0.4946−0.2934i
61.1	−0.5796+1.0444i	1.2643+0.9375i	34.1533+28.3035i	2.2800+0.6895i	−0.4477+0.0279i	−6.3374+0.0147i	2.4216−0.0679i	−0.4700−0.2428i
61.2	−0.4337+1.0463i	1.2800+1.1806i	33.4590+25.5627i	2.3063+0.6338i	−0.4270−0.0710i	−6.2381+0.1427i	2.3182−0.1091i	−0.4058−0.2383i
61.3	−0.3741+1.0801i	1.2248+1.3073i	34.1005+24.4958i	2.3100+0.6241i	−0.3964−0.1102i	−6.1993+0.2225i	2.2640−0.1354i	−0.3261−0.1874i
61.4	−0.3407+1.1220i	1.2361+1.4105i	34.4774+24.4336i	2.2920+0.6313i	−0.3743−0.1500i	−6.1633+0.3029i	2.2074−0.1632i	−0.2911−0.1760i
61.5	−0.2345+1.1382i	1.2797+1.4878i	35.1972+23.5698i	2.3468+0.5907i	−0.3656−0.1633i	−6.1541+0.4164i	2.1531−0.2010i	−0.2631−0.1520i
61.6	−0.1892+1.1343i	1.3204+1.5157i	34.7305+23.1398i	2.3726+0.5802i	−0.3592−0.1712i	−6.0738+0.4767i	2.1371−0.1797i	−0.2230−0.1301i
61.7	−0.1355+1.0756i	1.3500+1.6140i	34.2603+21.7794i	2.3737+0.5672i	−0.3400−0.2055i	−5.9165+0.5186i	2.1105−0.1238i	−0.1593−0.1402i
61.8	−0.0930+1.0693i	1.3762+1.6903i	34.9125+21.4962i	2.3956+0.5235i	−0.3409−0.2446i	−5.9433+0.5644i	2.0840−0.1406i	−0.1498−0.1344i
61.9	−0.0893+0.9988i	1.4308+1.6811i	34.9037+21.3415i	2.4070+0.4933i	−0.3541−0.2388i	−5.8377+0.5182i	2.1072−0.1155i	−0.1391−0.1236i
62.0	−0.0695+1.0224i	1.3969+1.8286i	34.8121+21.2137i	2.4154+0.5029i	−0.3313−0.2909i	−5.8279+0.5250i	2.1001−0.1216i	−0.1087−0.1420i
62.1	−0.0840+1.0454i	1.4154+1.9606i	34.4846+21.5827i	2.4225+0.5262i	−0.3140−0.3384i	−5.8153+0.5604i	2.1040−0.1195i	−0.0973−0.1610i
62.2	−0.0889+1.0618i	1.4976+2.0640i	33.4099+21.9991i	2.4272+0.5347i	−0.3406−0.3869i	−5.8189+0.5376i	2.1162−0.1143i	−0.0684−0.1913i
62.3	−0.0728+1.0291i	1.6506+2.1688i	32.9856+21.4195i	2.4681+0.5220i	−0.3950−0.4200i	−5.7272+0.5226i	2.1535−0.0973i	−0.0679−0.2177i

62.4	−0.0702+1.0144i	1.8019+2.2504i	33.3779+21.3672i	2.5097+0.4955i	−0.4217−0.4395i	−5.7308+0.4876i	2.1730−0.1192i	−0.0786−0.2205i
62.5	−0.0331+1.0259i	2.0463+2.3564i	32.9884+22.4646i	2.5821+0.5125i	−0.4934−0.4647i	−5.7511+0.4626i	2.2096−0.1108i	−0.0843−0.2398i
62.6	0.0004+1.0473i	2.2233+2.4873i	33.2872+22.4652i	2.6321+0.5259i	−0.5379−0.5227i	−5.6925+0.5069i	2.2323−0.0903i	−0.0704−0.2383i
62.7	−0.0616+1.0549i	2.2794+2.5787i	32.9957+23.0994i	2.6015+0.5391i	−0.5218−0.5589i	−5.7204+0.5064i	2.2409−0.0756i	−0.0642−0.2342i
62.8	−0.0381+1.1241i	2.3745+2.6231i	35.2935+24.0307i	2.6226+0.5450i	−0.5355−0.5900i	−5.7671+0.6265i	2.2277−0.1133i	−0.0708−0.2401i
62.9	−0.0232+1.1983i	2.5696+2.6454i	35.9398+24.8435i	2.6722+0.5412i	−0.5923−0.6240i	−5.8407+0.6274i	2.2359−0.1744i	−0.0747−0.2334i
63.0	0.0330+1.2603i	2.7742+2.6330i	36.0376+25.7988i	2.7388+0.5569i	−0.6638−0.6294i	−5.8418+0.5436i	2.2552−0.2166i	−0.0855−0.2357i
63.1	0.1034+1.3223i	2.9378+2.6942i	36.9005+25.7950i	2.7972+0.5983i	−0.7202−0.6710i	−5.7784+0.5895i	2.2604−0.2026i	−0.0974−0.2510i
63.2	0.1471+1.3795i	3.0834+2.6648i	38.5497+26.5696i	2.8304+0.5935i	−0.7673−0.6701i	−5.9130+0.6352i	2.2322−0.2357i	−0.1044−0.2476i
63.3	0.2211+1.4095i	3.2963+2.5962i	38.3324+26.8570i	2.9171+0.5837i	−0.8336−0.6374i	−5.9916+0.6376i	2.2324−0.2538i	−0.1293−0.2443i
63.4	0.2765+1.4675i	3.4831+2.5657i	39.2096+27.3634i	3.0008+0.6042i	−0.8789−0.6294i	−6.0031+0.6046i	2.2549−0.2654i	−0.1619−0.2561i
63.5	0.3915+1.4854i	3.7048+2.5435i	39.8479+28.1349i	3.1165+0.5947i	−0.9484−0.6142i	−6.0435+0.5733i	2.2843−0.2770i	−0.1730−0.2490i
63.6	0.5422+1.4698i	3.8822+2.5076i	41.1533+29.7546i	3.2252+0.5719i	−1.0029−0.5863i	−6.1220+0.5893i	2.2398−0.2931i	−0.1766−0.2341i
63.7	0.6161+1.4733i	3.9874+2.5120i	42.2779+28.8998i	3.2797+0.6007i	−1.0332−0.6062i	−6.1266+0.5620i	2.2362−0.2410i	−0.1835−0.2237i
63.8	0.6895+1.4369i	4.0801+2.5044i	43.4813+28.5917i	3.3268+0.5896i	−1.0637−0.6084i	−6.1222+0.6407i	2.2342−0.1854i	−0.1818−0.1921i
63.9	0.8236+1.3952i	4.3399+2.5226i	44.8304+30.4067i	3.5212+0.5617i	−1.1261−0.5829i	−6.2828+0.5611i	2.2776−0.1906i	−0.2080−0.1821i
64.0	0.9304+1.3047i	4.5310+2.4644i	46.0391+29.6035i	3.6179+0.4477i	−1.1579−0.5651i	−6.3236+0.7324i	2.2982−0.1995i	−0.2262−0.1505i
64.1	0.9767+1.2700i	4.6877+2.4116i	48.0705+29.0767i	3.6619+0.4157i	−1.2046−0.5621i	−6.4098+0.7904i	2.3013−0.1898i	−0.2254−0.1434i
64.2	1.0216+1.2192i	4.9644+2.3441i	49.1211+28.5251i	3.7400+0.3793i	−1.2675−0.5521i	−6.4378+0.8516i	2.3299−0.1475i	−0.2358−0.1407i
64.3	1.0409+1.1369i	5.1967+2.2222i	51.0271+28.0244i	3.8144+0.2987i	−1.3069−0.5202i	−6.4820+0.9076i	2.3569−0.1144i	−0.2368−0.1170i
64.4	1.1133+1.0913i	5.3872+2.1533i	51.5057+28.2147i	3.8889+0.2739i	−1.3707−0.5026i	−6.5192+0.9120i	2.3750−0.0765i	−0.2473−0.0842i
64.5	1.1982+1.0463i	5.6698+1.9621i	53.8820+29.1466i	4.0520+0.1730i	−1.4432−0.4388i	−6.7324+1.0615i	2.4793−0.0919i	−0.2626−0.0610i
64.6	1.1943+0.9724i	5.7670+1.7480i	55.8556+30.0909i	4.0895+0.0627i	−1.4627−0.3849i	−6.8133+1.2043i	2.5270−0.0909i	−0.2345−0.0190i
64.7	1.1512+0.9032i	5.8240+1.5573i	57.2893+29.0141i	4.0749−0.0241i	−1.4643−0.3721i	−6.7683+1.2831i	2.5771−0.0807i	−0.1930+0.0147i
64.8	1.1253+0.8800i	5.8429+1.5061i	57.9509+28.0998i	4.0686−0.0561i	−1.4590−0.3871i	−6.8070+1.2939i	2.6379−0.0406i	−0.1615+0.0242i
64.9	1.1775+0.8570i	6.0125+1.4402i	58.5499+28.0607i	4.1609−0.0789i	−1.4903−0.3606i	−6.9115+1.3346i	2.7030−0.0367i	−0.1579+0.0370i
65.0	1.2054+0.7893i	6.1677+1.2907i	59.6134+27.1716i	4.2003−0.1296i	−1.5411−0.3232i	−6.8628+1.3783i	2.8042−0.0346i	−0.1323+0.0552i
65.1	1.2508+0.7232i	6.3340+1.1566i	60.9386+26.3173i	4.2484−0.2083i	−1.6112−0.2780i	−6.9187+1.5118i	2.8640−0.0658i	−0.1114+0.0523i
65.2	1.2548+0.6447i	6.6192+1.0711i	62.4709+26.6913i	4.3485−0.2288i	−1.6664−0.2409i	−7.0699+1.5268i	2.9586−0.0456i	−0.0931+0.0707i
65.3	1.2327+0.5812i	6.7668+0.9440i	64.6326+25.9395i	4.3932−0.2660i	−1.6806−0.2220i	−7.0817+1.5721i	3.0528−0.0383i	−0.0755+0.0933i
65.4	1.1530+0.5228i	6.9443+0.6845i	66.2980+25.6269i	4.4303−0.3327i	−1.6678−0.1739i	−7.0792+1.6674i	3.1492−0.0768i	−0.0405+0.1167i
65.5	1.0914+0.5057i	7.1543+0.4229i	68.7458+26.1428i	4.5214−0.3973i	−1.6947−0.1362i	−7.1303+1.7305i	3.2686−0.1500i	0.0056+0.0999i
65.6	1.1014+0.5249i	7.2862+0.1335i	69.6313+26.5734i	4.6253−0.4851i	−1.7123−0.1082i	−7.2265+1.7835i	3.3382−0.2466i	0.0253+0.0882i
65.7	1.1077+0.5640i	7.4575−0.0764i	71.8241+27.3316i	4.7672−0.5520i	−1.7548−0.1175i	−7.4044+1.8062i	3.4588−0.3413i	0.0373+0.0840i
65.8	1.1562+0.5521i	7.6037−0.2825i	73.4393+26.5060i	4.8544−0.6019i	−1.8266−0.0971i	−7.4903+1.8352i	3.5348−0.3950i	0.0420+0.0795i
65.9	1.1926+0.5204i	7.7477−0.6351i	75.3940+24.6669i	4.9156−0.7360i	−1.8928−0.0349i	−7.5201+2.0441i	3.5951−0.5045i	0.0456+0.0722i
66.0	1.2192+0.5323i	7.9862−0.7650i	77.1464+26.7327i	5.0603−0.7600i	−1.9978−0.0436i	−7.7243+2.0605i	3.7204−0.5353i	0.0719+0.0962i
66.1	1.2188+0.5180i	8.0520−1.0967i	78.5605+24.8386i	5.1063−0.8656i	−2.0517+0.0081i	−7.8019+2.1898i	3.7778−0.6495i	0.1201+0.0848i
66.2	1.2446+0.5469i	8.3888−1.3043i	80.8520+26.0347i	5.3029−0.8455i	−2.1500+0.0412i	−8.0180+2.1120i	3.9383−0.6787i	0.1399+0.0834i
66.3	1.2254+0.5030i	8.3090−1.7068i	84.9885+26.2955i	5.3108−1.0255i	−2.1631+0.1156i	−8.0974+2.2051i	3.9446−0.8153i	0.1716+0.0442i
66.4	1.2792+0.4536i	8.4496−2.1652i	83.9018+22.7866i	5.3599−1.1102i	−2.2564+0.2613i	−8.0433+2.4459i	3.9666−0.9109i	0.1951+0.0454i
66.5	1.3526+0.4366i	8.6318−2.4978i	87.1251+21.5893i	5.5061−1.1757i	−2.3625+0.3488i	−8.2103+2.5668i	4.0928−1.0177i	0.2126+0.0472i
66.6	1.4014+0.4129i	8.7500−3.0495i	91.3327+24.4785i	5.7052−1.3179i	−2.4245+0.4587i	−8.4329+2.6546i	4.2300−1.1527i	0.2507+0.0433i
66.7	1.3543+0.3569i	8.6548−3.6862i	95.5982+26.0602i	5.8149−1.5975i	−2.4357+0.5968i	−8.7341+2.8419i	4.2841−1.3314i	0.3175−0.0046i
66.8	1.4193+0.3594i	8.5698−3.9849i	98.6969+21.9374i	5.8550−1.6569i	−2.5123+0.6747i	−8.8523+3.0661i	4.3200−1.4364i	0.3278−0.0433i
66.9	1.4636+0.3488i	8.5905−4.3568i	101.3981+21.4493i	5.9643−1.6661i	−2.5884+0.8086i	−9.0581+3.2063i	4.3759−1.5012i	0.3400−0.0906i
67.0	1.5160+0.3107i	8.5542−4.8918i	101.9705+20.2881i	6.1842−1.7724i	−2.6410+0.9849i	−9.2438+3.3272i	4.4745−1.6383i	0.3391−0.1077i
67.1	1.5692+0.2802i	8.4337−5.2494i	105.0446+18.4297i	6.2774−1.8677i	−2.6521+1.1313i	−9.3411+3.5637i	4.5012−1.7503i	0.3221−0.1270i
67.2	1.5979+0.1734i	7.9717−5.7948i	108.4161+16.3784i	6.4021−2.0990i	−2.5751+1.3222i	−9.3499+3.7915i	4.5473−1.9235i	0.3493−0.1578i
67.3	1.6485+0.1637i	8.0454−6.2930i	111.9612+21.9031i	6.7112−2.0999i	−2.6436+1.4890i	−9.6924+3.8422i	4.7270−2.0021i	0.3659−0.1877i
67.4	1.6237+0.1086i	7.5065−6.7422i	118.6884+19.3072i	6.8972−2.3980i	−2.5689+1.6952i	−9.9827+4.2550i	4.7696−2.2498i	0.3844−0.2581i
67.5	1.6135+0.0904i	6.9271−7.2785i	124.4510+15.6463i	6.9821−2.7355i	−2.4504+1.8596i	−10.1533+4.7345i	4.7624−2.5371i	0.4147−0.3247i
67.6	1.7081+0.0829i	6.3182−7.4900i	127.8546+10.4992i	7.0553−3.0032i	−2.3266+2.0035i	−10.0591+5.1783i	4.7135−2.7446i	0.3736−0.3752i
67.7	1.7647+0.0183i	5.9176−7.9077i	134.4147+9.3912i	7.2711−3.3686i	−2.2026+2.1750i	−10.2828+5.6535i	4.7321−3.0415i	0.3397−0.4162i
67.8	1.8369−0.0474i	5.5733−8.1789i	138.9450+11.9760i	7.6485−3.6541i	−2.1236+2.3281i	−10.6532+5.8328i	4.8147−3.2604i	0.3452−0.4625i
67.9	1.9752−0.1248i	5.1035−8.4868i	141.0511+13.2460i	8.0101−4.0259i	−2.0027+2.4708i	−10.9261+6.2474i	4.8423−3.4779i	0.3543−0.4791i
68.0	2.1004−0.2005i	4.2169−8.5227i	150.9694+4.5835i	7.9271−4.6110i	−1.7768+2.5280i	−10.7187+7.1217i	4.5991−3.7763i	0.2931−0.5255i
68.1	2.1613−0.3724i	3.9424−8.3189i	158.8364+2.4307i	8.1481−4.8948i	−1.7046+2.5954i	−10.9489+7.3261i	4.6294−3.8361i	0.2459−0.5493i
68.2	2.1966−0.6272i	3.5430−7.9425i	162.7221−1.4711i	8.0633−5.3134i	−1.5896+2.6452i	−10.8376+7.6080i	4.5168−4.0178i	0.2284−0.6133i
68.3	2.2955−0.7813i	3.2939−7.9910i	166.5887−6.9714i	8.1284−5.8864i	−1.5380+2.7374i	−11.0187+8.3821i	4.4531−4.2687i	0.1957−0.6696i
68.4	2.3613−1.1208i	2.9272−8.1694i	176.4140−14.0111i	8.1810−6.6744i	−1.4005+2.8964i	−10.9242+9.4132i	4.3965−4.5691i	0.1330−0.6807i
68.5	2.2326−1.4874i	2.6869−7.7984i	180.2718−20.8934i	8.1348−6.9732i	−1.2718+3.0038i	−10.8586+9.5202i	4.3491−4.5745i	0.0903−0.7070i
68.6	1.9163−1.7246i	2.2178−7.3443i	179.6726−27.6182i	7.6023−7.3670i	−0.9971+3.0064i	−10.3889+9.7999i	4.0656−4.6838i	0.0579−0.7169i

68.7	1.6448-2.0463i	1.9028-7.3548i	194.9337-36.4709i	7.3147-8.3068i	-0.7452+3.1204i	-10.1630+10.9623i	3.9600-5.0952i	0.0126-0.7548i
68.8	1.4352-2.1403i	2.1351-7.4709i	205.3677-44.7445i	7.4918-8.7116i	-0.6182+3.2330i	-10.5285+11.6230i	4.0695-5.2733i	-0.0477-0.7630i
68.9	1.0675-2.3095i	2.0673-7.4524i	205.7188-54.7391i	7.3479-9.1741i	-0.3377+3.2895i	-10.3528+12.1271i	4.0335-5.4871i	-0.1216-0.7493i
69.0	0.5777-2.1667i	1.6713-6.9197i	206.2880-66.0540i	6.4650-9.2620i	-0.0025+3.0247i	-9.5085+12.1969i	3.6375-5.4824i	-0.1863-0.7184i
69.1	0.3009-2.0171i	1.4309-6.6656i	205.9273-86.3732i	5.8498-9.5533i	0.2001+2.8601i	-8.6975+12.8826i	3.3559-5.6217i	-0.2311-0.7048i
69.2	-0.0429-1.8095i	1.3886-6.4454i	216.9181-95.2515i	5.5087-10.1519i	0.4024+2.6585i	-8.4308+13.7134i	3.2477-5.9910i	-0.2868-0.7268i
69.3	-0.2133-1.5240i	1.7986-6.0094i	221.4860-104.3118i	5.3529-10.3138i	0.3904+2.4440i	-8.1803+13.9484i	3.2777-6.1646i	-0.3545-0.7467i
69.4	-0.3295-1.0118i	2.0502-6.1327i	231.8889-123.3931i	4.6605-10.8240i	0.4076+2.1993i	-7.6356+14.8084i	2.8660-6.5435i	-0.4805-0.7304i
69.5	-0.3423-0.7621i	2.2643-6.2863i	223.9367-128.4659i	4.3349-10.9066i	0.3852+2.1377i	-7.0820+14.7896i	2.5816-6.6830i	-0.5168-0.7015i
69.6	-0.0990-0.5265i	2.1046-6.7573i	211.8863-154.2627i	3.6337-11.0251i	0.3904+2.1635i	-5.8307+15.3317i	2.0580-6.7703i	-0.5842-0.6575i
69.7	0.0520-0.2570i	2.1008-7.2281i	223.3772-171.9928i	3.4851-11.4728i	0.4405+2.1332i	-5.8273+15.9885i	1.8547-7.0023i	-0.6838-0.6286i
69.8	0.5046+0.0202i	1.5857-7.6363i	223.7760-214.0436i	2.5151-11.7274i	0.4223+2.0512i	-4.4976+16.9791i	1.1207-7.1505i	-0.8612-0.4795i
69.9	0.6476+0.0642i	1.4803-7.7008i	223.8232-220.8317i	2.3910-11.9487i	0.5316+2.0093i	-4.3528+17.1572i	0.9805-7.1875i	-0.9426-0.4525i
70.0	0.8642-0.0898i	1.3740-7.3755i	209.7849-225.1741i	2.4007-11.6766i	0.5823+1.9705i	-4.0546+16.4145i	0.8439-6.9167i	-0.9592-0.3713i
70.1	1.1061-0.1331i	0.8908-7.3884i	194.9538-249.3853i	1.6915-11.8726i	0.6829+1.8571i	-3.0122+16.8651i	0.2961-6.8940i	-1.0084-0.2328i
70.2	1.3465-0.2457i	0.7986-7.3159i	193.7596-266.1012i	1.3120-12.2598i	0.7195+1.6560i	-2.5894+17.3935i	-0.0057-6.7679i	-1.0774-0.0668i
70.3	1.4099-0.3872i	0.8789-7.2074i	186.7663-271.0718i	1.1934-12.4566i	0.7783+1.4853i	-2.3182+17.4668i	-0.0371-6.5555i	-1.0679+0.0508i
70.4	1.5147-0.7870i	0.7950-7.0611i	159.4134-286.3841i	0.5795-12.5658i	0.7772+1.3649i	-1.2182+17.4253i	-0.2284-6.2269i	-0.9752+0.2308i
70.5	1.6118-1.1355i	0.6527-7.3555i	144.6653-315.6928i	-0.2117-13.1934i	0.6907+1.2549i	-0.1885+18.1986i	-0.3893-6.2283i	-0.8882+0.3947i
70.6	1.5573-1.4300i	0.4659-7.4241i	117.0318-329.7409i	-1.1887-13.1427i	0.5170+1.1543i	0.9533+18.1781i	-0.5487-6.0723i	-0.7195+0.4773i
70.7	1.4809-1.8701i	0.2757-7.5797i	83.2706-333.7773i	-2.0684-13.0747i	0.3018+1.2140i	2.1889+18.0183i	-0.5969-5.9810i	-0.5287+0.5232i
70.8	1.3279-2.0746i	0.1894-8.1074i	68.7563-349.0557i	-3.0876-13.2405i	0.0845+1.2702i	3.1856+18.2686i	-0.6590-6.2033i	-0.4427+0.5809i
70.9	0.9864-2.2546i	-0.2517-8.4127i	45.1843-361.1180i	-4.2379-13.0220i	0.0522+1.4163i	4.5367+18.1549i	-0.9310-6.3488i	-0.3512+0.5487i
71.0	0.6251-2.4046i	-0.8028-8.3412i	8.1762-359.4656i	-4.9943-12.1582i	0.0975+1.6379i	5.6772+17.2477i	-1.2057-6.1746i	-0.2814+0.4417i
71.1	0.3300-2.4763i	-1.2070-8.4875i	-17.0069-361.4752i	-5.5533-11.7564i	0.1967+1.7939i	6.3306+16.8940i	-1.5089-6.2315i	-0.2429+0.4066i
71.2	-0.0792-2.3886i	-1.6281-8.7123i	-33.8742-362.8216i	-6.2631-11.4612i	0.4154+1.8688i	7.2009+16.6945i	-1.8519-6.3512i	-0.2749+0.3909i
71.3	-0.4301-2.1764i	-2.0967-8.6418i	-58.6930-352.0469i	-6.7059-10.7666i	0.6098+1.8534i	7.8903+15.9122i	-2.1234-6.2136i	-0.2565+0.3874i
71.4	-0.5250-2.0296i	-2.8184-8.5433i	-87.1258-349.2333i	-7.3090-9.8656i	0.6934+1.8781i	8.9871+15.2469i	-2.5717-5.9664i	-0.2133+0.4038i
71.5	-0.7924-1.9083i	-3.1417-7.9182i	-104.0890-324.6273i	-7.2004-9.0100i	0.9374+1.7951i	9.3722+13.9359i	-2.6279-5.5442i	-0.2038+0.3868i
71.6	-0.8453-1.7856i	-3.4585-7.8617i	-118.8268-321.4371i	-7.3444-8.7499i	1.0308+1.7722i	9.7963+13.6302i	-2.7592-5.4939i	-0.1769+0.3889i
71.7	-0.9547-1.5454i	-3.6654-7.7283i	-130.1879-308.2239i	-7.3798-8.4561i	1.1600+1.6418i	9.9368+13.1709i	-2.8629-5.3854i	-0.1903+0.3935i
71.8	-0.8725-1.4673i	-4.2577-7.3894i	-151.9247-300.4946i	-7.5788-7.6621i	1.2117+1.6282i	10.6302+12.2033i	-3.1368-5.0953i	-0.1455+0.4031i
71.9	-0.8863-1.3100i	-4.7222-6.8549i	-173.0195-282.9320i	-7.5836-6.9297i	1.3367+1.4700i	10.9966+11.0630i	-3.3223-4.7360i	-0.1275+0.4148i
72.0	-0.9659-1.2145i	-4.8746-6.3222i	-188.9293-265.9472i	-7.4892-6.4205i	1.4261+1.3159i	11.1363+10.1222i	-3.3388-4.4112i	-0.1019+0.4277i
72.1	-0.8479-1.1084i	-4.9799-5.9937i	-192.6739-251.2983i	-7.3382-6.1041i	1.3929+1.2226i	11.1567+9.5550i	-3.3201-4.2586i	-0.0937+0.4133i
72.2	-0.8244-0.9766i	-5.1079-5.4164i	-199.3612-229.9183i	-7.2893-5.7195i	1.3529+1.0191i	11.1182+8.8328i	-3.3294-3.9770i	-0.0578+0.4237i
72.3	-0.6637-0.8877i	-5.2944-5.1536i	-203.2810-227.5943i	-7.3619-5.3878i	1.2535+0.9595i	11.2790+8.2767i	-3.4196-3.8968i	-0.0045+0.4225i
72.4	-0.7366-0.8799i	-5.2625-4.6827i	-210.0911-211.5871i	-7.1096-5.1443i	1.3309+0.8554i	11.0877+7.5740i	-3.4022-3.6891i	-0.0220+0.4233i
72.5	-0.9087-0.9100i	-5.0135-4.1763i	-214.7656-194.4138i	-6.7398-5.0142i	1.4550+0.6969i	10.7256+6.9032i	-3.2652-3.4738i	-0.0391+0.4716i
72.6	-0.9407-0.7501i	-4.8320-3.6785i	-213.7464-177.1069i	-6.6130-4.8056i	1.4323+0.4321i	10.5396+6.2116i	-3.1503-3.2411i	-0.0224+0.5557i
72.7	-0.9102-0.7498i	-4.9139-3.4032i	-222.6915-171.0745i	-6.7133-4.5893i	1.4124+0.4072i	10.6983+5.8555i	-3.2322-3.0983i	0.0117+0.5492i
72.8	-0.9895-0.7421i	-4.6741-2.8157i	-229.7665-151.7444i	-6.6411-4.2263i	1.3811+0.2569i	10.6367+5.1215i	-3.1769-2.7818i	0.0791+0.5711i
72.9	-1.0355-0.6415i	-4.3638-2.4648i	-231.2391-135.3944i	-6.4870-4.0753i	1.2954+0.0587i	10.2857+4.6656i	-3.0410-2.5992i	0.1328+0.6206i
73.0	-1.0635-0.5182i	-3.9317-2.3865i	-224.1897-125.6955i	-6.3190-4.0812i	1.1550-0.0838i	9.9023+4.3755i	-2.8184-2.5727i	0.2168+0.6506i
73.1	-0.9421-0.3920i	-3.7002-2.4283i	-219.7908-118.5013i	-6.3295-3.9777i	0.9424-0.1110i	9.6714+4.1423i	-2.7558-2.6162i	0.3149+0.6194i
73.2	-0.8006-0.2861i	-3.5032-2.4156i	-216.3277-107.6105i	-6.4775-3.8607i	0.6916-0.1481i	9.6199+3.9417i	-2.7150-2.6014i	0.4224+0.5930i
73.3	-0.8825-0.2615i	-3.2839-2.2979i	-219.4447-93.2164i	-6.4627-3.8129i	0.6142-0.2556i	9.4112+3.6206i	-2.6272-2.5072i	0.4881+0.6019i
73.4	-0.9155-0.1511i	-2.9290-2.2708i	-220.3514-80.1349i	-6.4011-3.6957i	0.4110-0.3429i	9.0219+3.2859i	-2.4548-2.4415i	0.5794+0.5805i
73.5	-0.8601-0.1755i	-2.8336-2.2216i	-219.4560-70.3826i	-6.4421-3.4391i	0.3037-0.2715i	8.9161+2.9238i	-2.4790-2.3810i	0.6247+0.5308i
73.6	-0.8433-0.0169i	-2.5846-2.3333i	-215.4847-59.1728i	-6.4567-3.3100i	0.0981-0.2549i	8.6649+2.7843i	-2.3261-2.4119i	0.7173+0.4817i
73.7	-0.7569+0.1589i	-2.4691-2.5444i	-214.3421-51.8049i	-6.5593-3.2559i	-0.1059-0.1963i	8.4456+2.7886i	-2.2772-2.5492i	0.7889+0.4002i
73.8	-0.7197+0.1949i	-2.5003-2.5190i	-216.8503-47.0037i	-6.5839-3.0507i	-0.1417-0.1612i	8.4159+2.5519i	-2.3013-2.4921i	0.8303+0.3713i
73.9	-0.7302+0.2603i	-2.4028-2.4262i	-210.8568-36.0327i	-6.5365-2.8126i	-0.1999-0.1771i	8.3533+2.2950i	-2.2015-2.3768i	0.8956+0.3735i
74.0	-0.6050+0.4928i	-2.1810-2.6219i	-204.0702-25.8639i	-6.3981-2.6817i	-0.4167-0.1093i	8.0157+2.1542i	-2.0024-2.5704i	1.0154+0.2526i
74.1	-0.5398+0.5529i	-2.0820-2.6674i	-202.5265-18.3848i	-6.2706-2.5115i	-0.4837-0.0232i	7.8618+1.9744i	-1.9236-2.6288i	1.0694+0.1634i
74.2	-0.3305+0.5582i	-2.0379-2.7285i	-198.0214-7.8463i	-6.2232-2.3431i	-0.6418+0.1080i	7.6731+1.9258i	-1.9560-2.6544i	1.1192+0.0657i
74.3	-0.1762+0.6016i	-2.0191-2.8487i	-191.8713-1.8169i	-6.2458-2.2445i	-0.7598+0.2470i	7.5892+1.8746i	-1.9774-2.7935i	1.1529-0.0600i
74.4	0.0713+0.6574i	-2.0404-3.0015i	-191.3650+5.0641i	-6.3480-2.1434i	-0.9315+0.3901i	7.5962+1.8177i	-2.0579-2.9492i	1.2089-0.1974i
74.5	0.2127+0.6833i	-1.9434-3.1046i	-191.4987+12.7420i	-6.2386-2.0169i	-1.0461+0.5076i	7.4239+1.6587i	-2.0245-3.0572i	1.2559-0.3166i
74.6	0.2670+0.6390i	-1.8915-3.1862i	-184.9962+21.1344i	-6.0996-1.9269i	-1.0436+0.6542i	7.3115+1.5974i	-2.0086-3.1068i	1.2577-0.4296i
74.7	0.4430+0.6260i	-1.9139-3.4310i	-173.4315+29.8001i	-6.0884-1.9086i	-1.1193+0.8688i	7.3060+1.7342i	-2.0795-3.2974i	1.2599-0.5895i
74.8	0.5781+0.5757i	-2.0590-3.5354i	-170.1776+36.9279i	-6.1622-1.6836i	-1.1149+1.0852i	7.4714+1.6402i	-2.2461-3.3708i	1.2131-0.7360i
74.9	0.7102+0.4277i	-2.2813-3.5227i	-162.7521+34.6540i	-6.1193-1.5984i	-1.0091+1.2302i	7.5999+1.5018i	-2.4686-3.3812i	1.1204-0.8244i

75.0	0.9515+0.2580i	-2.4021-3.6888i	-156.0982+40.2505i	-6.0125-1.5526i	-0.9822+1.5010i	7.5022+1.5027i	-2.6744-3.4860i	1.0356-1.0033i
75.1	0.9397+0.1287i	-2.5483-3.7223i	-151.1529+43.5947i	-6.0136-1.5224i	-0.8369+1.6075i	7.6360+1.4260i	-2.8340-3.4944i	0.9483-1.1038i
75.2	0.9498+0.0014i	-2.6016-3.7227i	-144.6802+51.8026i	-5.9649-1.3985i	-0.7599+1.7251i	7.6981+1.2162i	-2.9049-3.4697i	0.8945-1.1914i
75.3	0.9827-0.1278i	-2.6988-3.7062i	-142.4390+55.1415i	-6.0049-1.2365i	-0.6844+1.8393i	7.8388+0.9574i	-3.0444-3.4250i	0.8330-1.2520i
75.4	0.9795-0.2352i	-2.8709-3.6311i	-138.3171+57.2480i	-6.0250-1.0791i	-0.5343+1.9110i	8.0204+0.7488i	-3.1996-3.3374i	0.7364-1.3006i
75.5	1.1110-0.3856i	-3.0892-3.7459i	-127.4504+64.1388i	-6.0758-0.9137i	-0.4394+2.1252i	8.2064+0.4942i	-3.4509-3.3682i	0.6120-1.4613i
75.6	1.2040-0.4880i	-3.2917-3.8384i	-119.9653+65.8641i	-6.1118-0.8852i	-0.3324+2.2553i	8.3999+0.3596i	-3.6695-3.4514i	0.4862-1.5765i
75.7	1.2246-0.6834i	-3.5184-3.7039i	-113.1949+67.5449i	-6.0579-0.7323i	-0.1458+2.3228i	8.4286+0.0706i	-3.8971-3.2979i	0.3162-1.6074i
75.8	1.2254-0.8316i	-3.6255-3.6289i	-109.2008+67.7504i	-5.9601-0.6988i	-0.0223+2.3525i	8.4480-0.2495i	-4.0130-3.2700i	0.1991-1.6607i
75.9	1.2519-0.9905i	-3.7730-3.5789i	-105.8752+67.1583i	-6.0286-0.6738i	0.0756+2.4133i	8.6179-0.4847i	-4.2367-3.2349i	0.0769-1.6969i
76.0	1.1790-1.1768i	-3.9193-3.4251i	-100.3949+66.4474i	-5.9911-0.6002i	0.2585+2.4134i	8.6798-0.8677i	-4.4140-3.1081i	-0.0603-1.6941i
76.1	1.0442-1.3803i	-4.0156-3.1441i	-92.6996+63.6907i	-5.9118-0.4302i	0.4765+2.3444i	8.7542-1.5509i	-4.5479-2.8345i	-0.2028-1.6468i
76.2	1.0703-1.5972i	-4.1969-3.0300i	-89.5177+67.1742i	-5.9693-0.2886i	0.6175+2.4485i	8.9196-1.8670i	-4.8289-2.6945i	-0.3861-1.6740i
76.3	0.9282-1.8054i	-4.2719-2.8137i	-84.3836+67.3364i	-5.9635-0.0501i	0.7912+2.4635i	8.9798-2.5622i	-4.9366-2.4373i	-0.5066-1.6518i
76.4	0.7518-1.9738i	-4.3027-2.6430i	-80.4517+70.0336i	-5.9936+0.1300i	0.9231+2.4389i	8.9560-3.3386i	-5.0649-2.2246i	-0.6453-1.6303i
76.5	0.5585-2.1171i	-4.3197-2.5090i	-76.0803+70.5984i	-6.0075+0.2223i	1.0611+2.4218i	8.7670-3.7991i	-5.1807-2.0439i	-0.7695-1.6088i
76.6	0.3370-2.2211i	-4.2861-2.3756i	-72.9979+68.4796i	-6.0472+0.3816i	1.1631+2.3584i	8.6079-4.3909i	-5.2101-1.8017i	-0.8581-1.5348i
76.7	0.1342-2.3277i	-4.3230-2.2155i	-67.6360+67.6358i	-5.9991+0.5679i	1.3377+2.2920i	8.3770-5.0981i	-5.3017-1.5825i	-1.0085-1.4728i
76.8	-0.1037-2.4237i	-4.3381-2.0911i	-59.4333+67.6439i	-5.9778+0.7682i	1.4821+2.2502i	8.0954-5.8833i	-5.3930-1.3954i	-1.1148-1.4403i
76.9	-0.3633-2.4554i	-4.3145-1.9502i	-58.8998+64.8324i	-5.9462+0.9562i	1.5903+2.1645i	7.6429-6.5103i	-5.4200-1.1496i	-1.2345-1.3613i
77.0	-0.5652-2.3991i	-4.2540-1.8973i	-58.2726+62.8281i	-5.8764+1.2132i	1.6173+2.1185i	7.1343-7.2655i	-5.3719-1.0182i	-1.2605-1.3523i
77.1	-0.9582-2.3307i	-4.1514-1.7942i	-53.9340+63.1887i	-5.7584+1.4795i	1.7593+2.0281i	6.2739-8.1606i	-5.2967-0.8306i	-1.3471-1.2885i
77.2	-1.2201-2.1807i	-4.1297-1.7236i	-51.8513+62.6671i	-5.5165+1.6288i	1.8935+1.9480i	5.1351-8.4341i	-5.2734-0.7129i	-1.4712-1.2199i
77.3	-1.3637-1.9110i	-4.1191-1.6143i	-48.1410+61.4352i	-5.4133+1.7208i	1.9776+1.8211i	4.5173-8.3315i	-5.3759-0.5705i	-1.5862-1.1280i
77.4	-1.5200-1.8332i	-4.0628-1.5604i	-45.2359+60.6956i	-5.4747+1.9600i	2.0701+1.7702i	4.2350-9.1123i	-5.4611-0.3513i	-1.6964-1.0645i
77.5	-1.7557-1.6757i	-4.0456-1.5479i	-45.0112+59.7124i	-5.2400+2.1997i	2.2075+1.6453i	2.7962-9.5147i	-5.4517-0.0378i	-1.8534-0.9028i
77.6	-1.8159-1.3616i	-4.0656-1.6012i	-42.0721+57.6050i	-5.0147+2.4548i	2.2877+1.5419i	1.6670-9.5771i	-5.4350+0.1131i	-1.9412-0.7895i
77.7	-1.7550-1.1807i	-4.0991-1.5928i	-38.6870+55.1907i	-4.8512+2.5970i	2.3053+1.4341i	0.9893-9.4499i	-5.4299+0.3058i	-1.9929-0.6466i
77.8	-1.6988-0.9986i	-4.1744-1.5670i	-37.4152+53.0655i	-4.5948+2.7561i	2.3365+1.2912i	0.1039-9.3178i	-5.3772+0.5513i	-2.0296-0.4776i
77.9	-1.6889-0.8906i	-4.2766-1.5465i	-35.7365+53.2289i	-4.3569+2.8648i	2.4013+1.2257i	-0.7343-9.3514i	-5.3810+0.6017i	-2.0946-0.4381i
78.0	-1.6458-0.8023i	-4.3707-1.4582i	-36.5853+52.7497i	-4.1051+2.9544i	2.4175+1.1269i	-1.5355-9.1890i	-5.3185+0.7737i	-2.1153-0.3149i
78.1	-1.6681-0.7344i	-4.4056-1.3459i	-34.3787+50.2201i	-3.8696+2.9624i	2.4294+1.0005i	-2.2673-8.8321i	-5.2021+0.9638i	-2.0913-0.1582i
78.2	-1.6097-0.6752i	-4.5333-1.2129i	-34.1757+50.7626i	-3.5870+3.0757i	2.4946+0.9256i	-3.2256-8.5893i	-5.2743+1.2291i	-2.1989-0.0030i
78.3	-1.5402-0.6694i	-4.6265-1.0230i	-32.7410+50.9472i	-3.2540+3.1267i	2.5899+0.8323i	-4.2360-8.1928i	-5.3208+1.5603i	-2.3127+0.2056i
78.4	-1.5309-0.6371i	-4.6695-0.8337i	-30.0485+48.5724i	-2.9975+3.0985i	2.6281+0.6906i	-5.1073-7.7098i	-5.2917+1.8229i	-2.3521+0.4118i
78.5	-1.5426-0.5857i	-4.6873-0.7387i	-30.3762+49.3170i	-2.8378+3.1231i	2.6237+0.6214i	-5.5733-7.3937i	-5.2344+1.9490i	-2.3303+0.4909i
78.6	-1.5930-0.5584i	-4.6908-0.5566i	-28.6815+49.5408i	-2.5118+3.0816i	2.6994+0.5254i	-6.4893-6.6664i	-5.1206+2.2409i	-2.3231+0.6831i
78.7	-1.6314-0.5517i	-4.6538-0.3719i	-27.4076+48.4905i	-2.2532+2.9568i	2.7487+0.3694i	-7.1892-5.8963i	-4.9921+2.5150i	-2.2999+0.9120i
78.8	-1.6704-0.4509i	-4.6260-0.2074i	-26.3122+49.4238i	-2.0571+2.9551i	2.7858+0.2295i	-7.8253-5.2756i	-4.9192+2.7571i	-2.2855+1.0650i
78.9	-1.7716-0.3548i	-4.5805-0.0612i	-23.8468+47.2041i	-1.8848+2.9329i	2.7712+0.0895i	-8.3556-4.6448i	-4.7035+2.9897i	-2.1509+1.2088i
79.0	-1.8173-0.2671i	-4.5378+0.1285i	-24.0180+47.0854i	-1.5651+2.9014i	2.7459-0.0334i	-9.2465-3.9065i	-4.4106+3.3009i	-2.0421+1.3684i
79.1	-1.7892-0.2182i	-4.4808+0.2377i	-24.5213+47.2443i	-1.3019+2.7195i	2.7431-0.1360i	-9.7316-3.0296i	-4.2197+3.4358i	-2.0111+1.4760i
79.2	-1.7902-0.1284i	-4.3805+0.3917i	-22.8286+46.3436i	-1.0196+2.4009i	2.7632-0.3400i	-10.1498-1.5931i	-3.9272+3.6509i	-1.9120+1.7109i
79.3	-1.8282+0.0225i	-4.3760+0.6543i	-21.0798+52.0070i	-0.7007+2.1661i	2.8504-0.5985i	-10.9016-0.0800i	-3.7294+3.9829i	-1.8903+2.0079i
79.4	-1.8259+0.1495i	-4.1945+0.7948i	-18.0619+51.1354i	-0.5858+1.8929i	2.7868-0.7804i	-10.8644+1.2105i	-3.5122+4.1137i	-1.7714+2.1670i
79.5	-1.8137+0.2950i	-4.0193+0.8266i	-16.1956+50.6812i	-0.5928+1.5361i	2.6611-1.0221i	-10.3241+2.7810i	-3.1842+4.3204i	-1.5352+2.4000i
79.6	-1.7199+0.4543i	-3.9358+0.8626i	-15.3978+51.3926i	-0.5531+1.3072i	2.5299-1.1643i	-9.9002+3.8491i	-2.8112+4.3266i	-1.2906+2.4493i
79.7	-1.6704+0.5710i	-3.8993+0.9551i	-14.1886+54.7447i	-0.5527+1.1135i	2.4236-1.2806i	-9.6877+4.9041i	-2.5235+4.4144i	-1.0961+2.5263i
79.8	-1.6398+0.6199i	-3.8449+1.0175i	-12.4979+53.8332i	-0.6853+0.8630i	2.2963-1.4075i	-8.9461+5.9221i	-2.2909+4.4357i	-0.8926+2.5939i
79.9	-1.5627+0.6544i	-3.7279+1.1075i	-9.8658+52.4771i	-0.8004+0.5909i	2.1416-1.5379i	-7.9161+7.0459i	-1.9287+4.4693i	-0.6296+2.6543i
80.0	-1.4499+0.6690i	-3.6094+1.1862i	-5.1222+51.4653i	-0.8764+0.4090i	1.9655-1.5929i	-7.1563+7.7855i	-1.6042+4.4344i	-0.4115+2.6535i

2.1.58 Run 5 – VTC-200 – Accels 25–32

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	10.9638+0.0000i	11.3089+0.0000i	11.5082+0.0000i	9.0652+0.0000i	3.2260+0.0000i	12.1973+0.0000i	10.8395+0.0000i	-9.0514+0.0000i
0.1	1.3455-0.3620i	1.9336-0.5081i	2.1757-0.7247i	1.4923-0.5328i	0.7882-0.2335i	2.2440-0.5258i	2.3753-1.4059i	-1.1750-0.3567i
0.2	-0.0216+0.0370i	-0.0292+0.0265i	0.0679-0.0824i	-0.0115-0.0059i	0.0344+0.0697i	-0.0679+0.0397i	0.1594+0.0894i	0.2382-0.1319i
0.3	0.0439+0.0504i	-0.0000-0.0030i	0.0005-0.0082i	-0.0064-0.0026i	-0.0050-0.0501i	-0.0534-0.0428i	0.0356+0.0547i	0.0584+0.0071i
0.4	-0.0287+0.0112i	0.0002-0.0060i	-0.0024+0.0022i	-0.0024+0.0032i	0.0027-0.0130i	-0.0135-0.0071i	0.0102-0.0073i	0.0073+0.0047i
0.5	-0.0215+0.0054i	-0.0018-0.0000i	-0.0002+0.0004i	-0.0045-0.0025i	0.0143+0.0151i	0.0042+0.0065i	-0.0138+0.0074i	-0.0057+0.0125i
0.6	0.0042-0.0082i	-0.0028-0.0006i	-0.0033+0.0021i	-0.0020-0.0035i	-0.0060+0.0130i	0.0022+0.0070i	0.0019-0.0038i	-0.0056-0.0004i
0.7	0.0046-0.0041i	-0.0021-0.0027i	-0.0027-0.0015i	0.0005+0.0002i	-0.0043-0.0036i	-0.0016+0.0003i	0.0003+0.0029i	-0.0007-0.0059i
0.8	-0.0015-0.0024i	-0.0010+0.0000i	-0.0008+0.0001i	-0.0004-0.0015i	0.0004-0.0089i	-0.0038+0.0003i	0.0009+0.0034i	-0.0042-0.0038i
0.9	-0.0025-0.0001i	0.0028+0.0008i	0.0061+0.0033i	-0.0017-0.0049i	0.0102+0.0015i	-0.0005-0.0045i	0.0027+0.0002i	0.0014+0.0023i
1.0	-0.0033+0.0001i	0.0022+0.0010i	0.0044+0.0023i	-0.0086-0.0056i	-0.0032+0.0023i	-0.0007-0.0030i	0.0010+0.0003i	0.0008-0.0003i
1.1	-0.0058+0.0023i	0.0008+0.0007i	-0.0006-0.0013i	0.0011-0.0019i	-0.0098-0.0024i	-0.0009-0.0009i	0.0014+0.0028i	-0.0022-0.0024i
1.2	-0.0061+0.0026i	0.0006-0.0012i	0.0014-0.0012i	0.0037+0.0004i	0.0006-0.0065i	0.0000-0.0001i	0.0000+0.0026i	-0.0009-0.0007i
1.3	-0.0073-0.0017i	0.0023-0.0012i	0.0044-0.0012i	-0.0036+0.0049i	0.0020-0.0070i	0.0015+0.0002i	0.0017-0.0006i	0.0009-0.0029i
1.4	-0.0081-0.0023i	0.0010+0.0009i	0.0061+0.0008i	-0.0004+0.0021i	-0.0037-0.0041i	0.0003+0.0001i	0.0011-0.0016i	-0.0007+0.0007i
1.5	-0.0081-0.0009i	0.0015+0.0002i	0.0109-0.0096i	-0.0040-0.0033i	-0.0002+0.0044i	0.0006-0.0004i	0.0001-0.0006i	-0.0002+0.0008i
1.6	-0.0088-0.0016i	0.0027-0.0017i	-0.0053-0.0193i	-0.0082-0.0019i	0.0030-0.0041i	0.0007+0.0003i	-0.0007+0.0007i	-0.0008-0.0016i
1.7	-0.0137-0.0038i	0.0064-0.0054i	-0.0099-0.0079i	-0.0107+0.0009i	0.0013-0.0125i	0.0019-0.0015i	-0.0012-0.0013i	-0.0026-0.0042i
1.8	-0.0143-0.0007i	0.0086-0.0118i	-0.0041-0.0001i	-0.0052-0.0041i	0.0077-0.0077i	0.0039+0.0007i	0.0005+0.0001i	-0.0025-0.0023i
1.9	-0.0154+0.0009i	0.0033-0.0248i	-0.0065-0.0002i	-0.0029-0.0017i	0.0021-0.0006i	0.0030+0.0002i	0.0006+0.0018i	-0.0024+0.0020i
2.0	-0.0163+0.0022i	-0.0096-0.0374i	-0.0050-0.0001i	-0.0051+0.0019i	-0.0010-0.0103i	0.0045-0.0037i	0.0022+0.0045i	-0.0045+0.0072i
2.1	-0.0151+0.0042i	-0.0297-0.0454i	-0.0037+0.0023i	-0.0046+0.0029i	-0.0072-0.0077i	0.0014-0.0096i	0.0056+0.0055i	-0.0023+0.0138i
2.2	-0.0131+0.0059i	-0.0969-0.0667i	-0.0038-0.0013i	-0.0033-0.0026i	-0.0223-0.0064i	-0.0098-0.0022i	0.0155+0.0086i	0.0101+0.0045i
2.3	-0.0106+0.0003i	-0.2067-0.0009i	-0.0099+0.0016i	0.0012-0.0042i	-0.0339+0.0050i	-0.0072+0.0027i	0.0311-0.0010i	0.0069-0.0001i
2.4	-0.0202-0.0082i	-0.0459+0.1726i	-0.0024+0.0102i	-0.0040-0.0100i	-0.0082+0.0338i	-0.0045+0.0006i	0.0055-0.0278i	0.0046+0.0029i
2.5	-0.0286-0.0037i	0.0804+0.0857i	0.0046+0.0051i	-0.0132-0.0007i	0.0093+0.0115i	-0.0046-0.0001i	-0.0127-0.0130i	0.0052+0.0007i
2.6	-0.0287-0.0025i	0.0482+0.0229i	0.0041+0.0009i	-0.0174-0.0028i	0.0074-0.0019i	-0.0037-0.0011i	-0.0074-0.0031i	0.0029+0.0009i
2.7	-0.0305-0.0036i	0.0339+0.0112i	0.0032+0.0002i	-0.0131-0.0020i	0.0079-0.0011i	-0.0037-0.0004i	-0.0055-0.0021i	0.0031+0.0004i
2.8	-0.0331-0.0034i	0.0210+0.0109i	0.0003+0.0003i	-0.0021-0.0013i	0.0042+0.0059i	-0.0033+0.0000i	-0.0035-0.0018i	0.0044+0.0017i
2.9	-0.0350-0.0016i	0.0202+0.0122i	0.0027+0.0007i	-0.0026-0.0027i	0.0048-0.0005i	-0.0012-0.0002i	-0.0044-0.0001i	0.0049+0.0016i
3.0	-0.0384-0.0019i	0.0198+0.0052i	0.0039-0.0006i	-0.0179-0.0009i	0.0050+0.0012i	-0.0026+0.0006i	-0.0049-0.0002i	0.0070-0.0003i
3.1	-0.0405-0.0027i	0.0126+0.0060i	0.0033-0.0001i	-0.0151-0.0072i	0.0076-0.0017i	-0.0027+0.0010i	-0.0043-0.0006i	0.0068+0.0004i
3.2	-0.0465-0.0021i	0.0124+0.0111i	0.0063-0.0016i	-0.0168+0.0002i	-0.0081-0.0065i	-0.0038+0.0032i	-0.0027+0.0021i	0.0050-0.0020i
3.3	-0.0496+0.0002i	0.0205+0.0094i	0.0003-0.0015i	-0.0118+0.0074i	-0.0000+0.0015i	-0.0045+0.0032i	0.0003-0.0024i	0.0037-0.0020i
3.4	-0.0503-0.0016i	0.0231+0.0081i	-0.0012-0.0001i	-0.0149+0.0013i	-0.0019+0.0070i	-0.0037+0.0019i	-0.0003-0.0030i	0.0033-0.0014i
3.5	-0.0563-0.0033i	0.0229+0.0020i	0.0004+0.0007i	-0.0243-0.0028i	0.0030+0.0016i	-0.0042+0.0057i	-0.0021-0.0006i	0.0021-0.0029i
3.6	-0.0631+0.0041i	0.0187+0.0056i	-0.0024-0.0035i	0.0108-0.0288i	0.0238+0.0021i	-0.0012+0.0039i	-0.0027+0.0048i	-0.0078-0.0011i
3.7	-0.0636+0.0037i	0.0110-0.0036i	0.0018+0.0012i	-0.0092+0.0135i	0.0147-0.0055i	-0.0014-0.0035i	0.0058+0.0011i	-0.0018+0.0068i
3.8	-0.0657+0.0017i	0.0121-0.0018i	0.0005+0.0008i	-0.0181+0.0078i	-0.0011-0.0025i	-0.0048-0.0028i	0.0047+0.0027i	0.0014+0.0026i
3.9	-0.0698+0.0011i	0.0122-0.0006i	0.0006-0.0004i	-0.0210+0.0045i	-0.0041-0.0010i	-0.0049-0.0004i	0.0044+0.0007i	0.0024-0.0000i
4.0	-0.0733+0.0004i	0.0137-0.0000i	0.0001-0.0010i	-0.0220+0.0009i	-0.0033+0.0003i	-0.0012+0.0025i	0.0031-0.0007i	-0.0003-0.0025i
4.1	-0.0769-0.0005i	0.0134-0.0003i	-0.0020-0.0002i	-0.0193+0.0008i	-0.0034+0.0009i	0.0027+0.0004i	0.0024-0.0003i	-0.0033-0.0010i
4.2	-0.0823-0.0013i	0.0150-0.0002i	-0.0020+0.0003i	-0.0241+0.0001i	-0.0044-0.0025i	0.0031-0.0032i	0.0028+0.0004i	-0.0050+0.0023i
4.3	-0.0879-0.0018i	0.0157+0.0005i	-0.0030+0.0014i	-0.0295+0.0035i	-0.0066+0.0005i	0.0045-0.0052i	0.0030-0.0001i	-0.0074+0.0072i
4.4	-0.0952-0.0023i	0.0163-0.0003i	-0.0016+0.0025i	-0.0263+0.0040i	-0.0014+0.0075i	0.0057-0.0144i	0.0022-0.0005i	-0.0070+0.0155i
4.5	-0.1022-0.0015i	0.0145-0.0008i	-0.0011+0.0050i	-0.0241+0.0047i	0.0028+0.0098i	0.0042-0.0187i	-0.0006-0.0018i	-0.0043+0.0199i
4.6	-0.1093+0.0000i	0.0152-0.0015i	-0.0022+0.0062i	-0.0294+0.0084i	0.0029+0.0055i	-0.0027-0.0243i	-0.0036+0.0002i	0.0002+0.0259i
4.7	-0.1144+0.0005i	0.0152+0.0029i	-0.0006+0.0096i	-0.0184-0.0028i	0.0027+0.0008i	-0.0172-0.0424i	-0.0056+0.0050i	0.0132+0.0448i
4.8	-0.1235+0.0008i	0.0183+0.0054i	0.0079+0.0106i	-0.0244-0.0077i	0.0101-0.0072i	-0.0603-0.0502i	0.0002+0.0130i	0.0574+0.0500i
4.9	-0.1317+0.0024i	0.0275+0.0099i	0.0178+0.0035i	-0.0241-0.0184i	0.0086-0.0257i	-0.1046+0.0191i	0.0219+0.0154i	0.0963-0.0220i
5.0	-0.1441-0.0117i	0.0295-0.0058i	0.0029-0.0082i	-0.0412-0.0160i	-0.0110+0.0095i	-0.0113+0.0420i	0.0220-0.0174i	0.0038-0.0415i
5.1	-0.1527-0.0133i	0.0286-0.0064i	0.0014-0.0081i	-0.0448-0.0122i	-0.0153+0.0068i	-0.0079+0.0377i	0.0232-0.0174i	0.0002-0.0355i
5.2	-0.1682-0.0115i	0.0348-0.0064i	0.0016-0.0090i	-0.0541-0.0089i	-0.0330+0.0086i	-0.0100+0.0430i	0.0392-0.0291i	-0.0012-0.0393i
5.3	-0.1795+0.0032i	0.0324-0.0158i	0.0016-0.0060i	-0.0600+0.0061i	-0.0310+0.0434i	-0.0114+0.0316i	0.0190-0.0705i	0.0039-0.0224i
5.4	-0.1857+0.0102i	0.0270-0.0203i	0.0038-0.0030i	-0.0615+0.0015i	0.0201+0.0637i	0.0066+0.0455i	-0.0371-0.0887i	-0.0070-0.0336i
5.5	-0.1954+0.0067i	0.0177-0.0222i	0.0027-0.0129i	-0.0780-0.0058i	0.1155+0.0413i	0.0347+0.0645i	-0.1301-0.0521i	-0.0313-0.0685i
5.6	-0.2142-0.0015i	0.0070-0.0091i	-0.0141-0.0061i	-0.0607+0.0142i	0.1010-0.0331i	0.0760-0.0226i	-0.1232+0.0542i	-0.0753+0.0126i

5.7	-0.2334-0.0019i	0.0126+0.0034i	-0.0091+0.0055i	-0.0642+0.0064i	0.0788-0.0614i	0.0318-0.0920i	-0.0859+0.0908i	-0.0328+0.0787i
5.8	-0.2554+0.0010i	0.0214+0.0178i	-0.0019+0.0101i	-0.0639+0.0030i	0.0598-0.1079i	-0.0265-0.0906i	-0.0609+0.1351i	0.0216+0.0718i
5.9	-0.2712+0.0031i	0.0353+0.0195i	0.0069+0.0087i	-0.0734-0.0026i	0.0268-0.1165i	-0.0846-0.0700i	-0.0171+0.1385i	0.0744+0.0530i
6.0	-0.2937+0.0054i	0.0474+0.0155i	0.0117-0.0015i	-0.0818-0.0066i	-0.0020-0.0985i	-0.1230+0.0125i	0.0195+0.1049i	0.1081-0.0254i
6.1	-0.3254+0.0106i	0.0583+0.0163i	0.0055-0.0077i	-0.0883-0.0088i	-0.0121-0.1147i	-0.0772+0.0794i	0.0212+0.1118i	0.0599-0.0950i
6.2	-0.3501+0.0107i	0.0698+0.0179i	0.0008-0.0097i	-0.0970-0.0083i	-0.0254-0.1298i	-0.0385+0.0967i	0.0284+0.1265i	0.0179-0.1150i
6.3	-0.3895+0.0213i	0.0892+0.0174i	-0.0032-0.0069i	-0.1088-0.0046i	-0.0591-0.1299i	0.0044+0.0739i	0.0605+0.1316i	-0.0327-0.0921i
6.4	-0.4292+0.0304i	0.1073+0.0161i	-0.0040-0.0049i	-0.1144-0.0038i	-0.0860-0.1294i	0.0151+0.0642i	0.0879+0.1373i	-0.0499-0.0823i
6.5	-0.4754+0.0486i	0.1317+0.0125i	-0.0044-0.0039i	-0.1221+0.0022i	-0.1247-0.1181i	0.0275+0.0617i	0.1353+0.1283i	-0.0730-0.0775i
6.6	-0.5228+0.0731i	0.1595+0.0031i	-0.0046-0.0023i	-0.1233+0.0082i	-0.1330-0.1020i	0.0371+0.0406i	0.1491+0.1096i	-0.0886-0.0517i
6.7	-0.5926+0.0989i	0.2027-0.0079i	-0.0049-0.0009i	-0.1283+0.0040i	-0.1557-0.1098i	0.0354+0.0184i	0.1789+0.1092i	-0.0973-0.0274i
6.8	-0.6990+0.1621i	0.2712-0.0410i	-0.0045-0.0007i	-0.1421-0.0013i	-0.2011-0.1036i	0.0223+0.0162i	0.2263+0.0871i	-0.0995-0.0164i
6.9	-0.8537+0.2783i	0.3737-0.1068i	-0.0048-0.0004i	-0.1567-0.0017i	-0.2605-0.0872i	0.0122+0.0393i	0.2806+0.0653i	-0.1112-0.0271i
7.0	-0.9433+0.5478i	0.4467-0.2736i	-0.0085+0.0036i	-0.1630-0.0013i	-0.3438-0.0324i	0.0538+0.0547i	0.3656+0.0097i	-0.1740-0.0099i
7.1	-0.8588+0.9929i	0.4347-0.5743i	-0.0069+0.0111i	-0.1848-0.0063i	-0.4365+0.1167i	0.1298+0.0021i	0.4655-0.1589i	-0.2561+0.1084i
7.2	-0.2296+1.2454i	0.0454-0.8236i	0.0055+0.0098i	-0.1987+0.0121i	-0.2919+0.3592i	0.0582-0.2180i	0.2906-0.4974i	-0.0993+0.4001i
7.3	0.1745+1.0445i	-0.2605-0.7676i	0.0018+0.0041i	-0.1859-0.0098i	-0.1123+0.3621i	-0.2281-0.2022i	-0.0589-0.5206i	0.2697+0.3703i
7.4	0.3390+0.6941i	-0.4668-0.5605i	0.0029+0.0124i	-0.2368-0.0240i	-0.0424+0.3119i	-0.2119+0.1005i	-0.1556-0.2434i	0.2851+0.0034i
7.5	0.2968+0.4561i	-0.4927-0.3806i	0.0095+0.0116i	-0.2676-0.0054i	-0.0087+0.2799i	-0.0687+0.1555i	-0.0813-0.1433i	0.1331-0.0868i
7.6	0.1117+0.2661i	-0.4078-0.2285i	0.0133+0.0018i	-0.2844+0.0218i	0.0161+0.2243i	-0.0043+0.0874i	-0.0173-0.1390i	0.0472-0.0388i
7.7	0.0295+0.1975i	-0.3750-0.1860i	0.0141-0.0000i	-0.2920+0.0110i	0.0155+0.2057i	0.0015+0.0802i	-0.0065-0.1391i	0.0338-0.0381i
7.8	-0.0840+0.1775i	-0.3475-0.1839i	0.0135-0.0024i	-0.3367+0.0022i	0.0112+0.2054i	0.0122+0.0667i	0.0020-0.1581i	0.0170-0.0226i
7.9	-0.1834+0.1653i	-0.3624-0.1770i	0.0119-0.0047i	-0.4098+0.0067i	0.0306+0.2175i	0.0359+0.0548i	-0.0082-0.1828i	-0.0073-0.0076i
8.0	-0.2600+0.1706i	-0.3757-0.1440i	0.0105-0.0033i	-0.4584+0.0395i	0.0423+0.2199i	0.0245+0.0291i	-0.0240-0.1898i	0.0049+0.0159i
8.1	-0.3420+0.1727i	-0.3819-0.1264i	0.0114-0.0058i	-0.5055+0.0614i	0.0597+0.2314i	0.0087+0.0406i	-0.0372-0.2010i	0.0206+0.0050i
8.2	-0.4201+0.1961i	-0.4038-0.1083i	0.0108-0.0088i	-0.5650+0.1034i	0.0989+0.2396i	0.0303+0.0522i	-0.0697-0.2138i	0.0029-0.0066i
8.3	-0.4906+0.2288i	-0.4230-0.0778i	0.0083-0.0097i	-0.6080+0.1514i	0.1359+0.2293i	0.0428+0.0432i	-0.1033-0.2124i	-0.0070+0.0000i
8.4	-0.5870+0.2768i	-0.4347-0.0435i	0.0069-0.0087i	-0.6753+0.2073i	0.1750+0.2148i	0.0494+0.0268i	-0.1423-0.2062i	-0.0122+0.0139i
8.5	-0.6537+0.3269i	-0.4454-0.0239i	0.0068-0.0100i	-0.7211+0.2571i	0.2013+0.1961i	0.0478+0.0166i	-0.1678-0.1920i	-0.0090+0.0221i
8.6	-0.7755+0.4013i	-0.4761+0.0077i	0.0057-0.0107i	-0.8094+0.3410i	0.2446+0.1717i	0.0430+0.0020i	-0.2089-0.1767i	-0.0010+0.0353i
8.7	-0.9102+0.4979i	-0.5103+0.0468i	0.0055-0.0102i	-0.9158+0.4345i	0.2803+0.1434i	0.0318-0.0061i	-0.2464-0.1595i	0.0127+0.0425i
8.8	-1.0187+0.7310i	-0.5466+0.1183i	0.0013-0.0129i	-1.0059+0.6606i	0.3138+0.0867i	0.0170+0.0050i	-0.2927-0.1163i	0.0294+0.0271i
8.9	-1.1354+0.9501i	-0.5838+0.1899i	-0.0055-0.0140i	-1.0979+0.8732i	0.3291+0.0330i	0.0331+0.0125i	-0.3368-0.0658i	0.0132+0.0149i
9.0	-1.2020+1.3186i	-0.6029+0.3108i	-0.0069-0.0050i	-1.1424+1.2227i	0.3429-0.0249i	0.0459-0.0161i	-0.3693+0.0272i	0.0028+0.0400i
9.1	-1.0948+1.5574i	-0.5525+0.3980i	0.0065+0.0017i	-0.9894+1.4320i	0.3311-0.0903i	-0.0056-0.0243i	-0.3129+0.1084i	0.0518+0.0423i
9.2	-1.2160+2.0764i	-0.5925+0.5544i	0.0110-0.0046i	-1.0858+1.8639i	0.3497-0.1723i	-0.0187+0.0055i	-0.3212+0.1605i	0.0652+0.0124i
9.3	-0.6309+2.9875i	-0.4366+0.8467i	0.0083-0.0083i	-0.5563+2.6973i	0.2847-0.3169i	-0.0083+0.0228i	-0.2780+0.2894i	0.0570-0.0056i
9.4	0.7176+3.0367i	-0.0253+0.8906i	0.0061-0.0101i	0.6802+2.7457i	0.1023-0.3630i	0.0083+0.0297i	-0.1092+0.3426i	0.0407-0.0189i
9.5	1.5348+2.4014i	0.2417+0.7168i	0.0056-0.0122i	1.4278+2.1626i	-0.0257-0.3102i	0.0237+0.0223i	0.0173+0.2981i	0.0230-0.0157i
9.6	1.6490+1.7533i	0.2973+0.5286i	0.0053-0.0128i	1.5368+1.5683i	-0.0673-0.2326i	0.0223+0.0138i	0.0616+0.2228i	0.0210-0.0088i
9.7	1.5049+1.1445i	0.2716+0.3379i	0.0043-0.0140i	1.4157+1.0144i	-0.0774-0.1451i	0.0196+0.0139i	0.0721+0.1411i	0.0187-0.0073i
9.8	1.4072+0.8288i	0.2553+0.2433i	0.0028-0.0152i	1.3299+0.7234i	-0.0778-0.1076i	0.0126+0.0074i	0.0709+0.1013i	0.0226-0.0026i
9.9	1.2623+0.6396i	0.2176+0.1845i	-0.0001-0.0150i	1.2060+0.5486i	-0.0636-0.0822i	0.0083+0.0085i	0.0534+0.0766i	0.0247-0.0026i
10.0	1.1311+0.5415i	0.1809+0.1525i	-0.0023-0.0144i	1.0876+0.4600i	-0.0490-0.0704i	0.0067+0.0124i	0.0371+0.0646i	0.0254-0.0069i
10.1	0.9924+0.4603i	0.1476+0.1248i	-0.0019-0.0142i	0.9641+0.3883i	-0.0363-0.0654i	0.0085+0.0169i	0.0244+0.0617i	0.0257-0.0139i
10.2	0.8910+0.4161i	0.1228+0.1083i	-0.0033-0.0136i	0.8826+0.3491i	-0.0297-0.0680i	0.0089+0.0240i	0.0131+0.0702i	0.0234-0.0237i
10.3	0.8215+0.4050i	0.1052+0.1006i	-0.0044-0.0122i	0.8342+0.3417i	-0.0306-0.0788i	0.0157+0.0313i	0.0170+0.0879i	0.0150-0.0326i
10.4	0.7885+0.4192i	0.0935+0.0989i	-0.0031-0.0140i	0.8185+0.3547i	-0.0512-0.0798i	0.0291+0.0194i	0.0447+0.0879i	-0.0016-0.0209i
10.5	0.7877+0.4123i	0.0909+0.0940i	-0.0021-0.0156i	0.8255+0.3498i	-0.0679-0.0660i	0.0242+0.0114i	0.0610+0.0722i	0.0003-0.0095i
10.6	0.7943+0.3774i	0.0884+0.0803i	-0.0046-0.0173i	0.8379+0.3188i	-0.0746-0.0499i	0.0208+0.0113i	0.0689+0.0539i	0.0038-0.0077i
10.7	0.7841+0.3266i	0.0841+0.0689i	-0.0059-0.0173i	0.8349+0.2727i	-0.0742-0.0389i	0.0207+0.0108i	0.0667+0.0429i	0.0034-0.0076i
10.8	0.7500+0.2690i	0.0736+0.0585i	-0.0075-0.0149i	0.8137+0.2170i	-0.0703-0.0298i	0.0195+0.0092i	0.0617+0.0347i	0.0043-0.0052i
10.9	0.7138+0.2332i	0.0646+0.0502i	-0.0076-0.0157i	0.7916+0.1861i	-0.0700-0.0231i	0.0189+0.0089i	0.0582+0.0283i	0.0055-0.0041i
11.0	0.6753+0.2076i	0.0542+0.0428i	-0.0087-0.0157i	0.7657+0.1607i	-0.0680-0.0153i	0.0187+0.0080i	0.0560+0.0224i	0.0059-0.0044i
11.1	0.6373+0.1965i	0.0448+0.0426i	-0.0099-0.0165i	0.7432+0.1390i	-0.0668-0.0097i	0.0193+0.0087i	0.0549+0.0215i	0.0042-0.0040i
11.2	0.6056+0.1811i	0.0371+0.0384i	-0.0105-0.0171i	0.7238+0.1263i	-0.0639-0.0053i	0.0176+0.0096i	0.0555+0.0200i	0.0059-0.0030i
11.3	0.5825+0.1700i	0.0310+0.0345i	-0.0124-0.0181i	0.7115+0.1183i	-0.0606-0.0030i	0.0164+0.0085i	0.0563+0.0169i	0.0070-0.0025i
11.4	0.5557+0.1569i	0.0235+0.0307i	-0.0138-0.0187i	0.7005+0.1110i	-0.0592+0.0002i	0.0162+0.0082i	0.0588+0.0158i	0.0079-0.0037i
11.5	0.5249+0.1471i	0.0144+0.0287i	-0.0150-0.0179i	0.6891+0.1014i	-0.0597+0.0044i	0.0151+0.0091i	0.0608+0.0145i	0.0078-0.0057i
11.6	0.4991+0.1456i	0.0076+0.0281i	-0.0182-0.0173i	0.6777+0.0983i	-0.0571+0.0075i	0.0151+0.0088i	0.0642+0.0122i	0.0065-0.0053i
11.7	0.4715+0.1416i	-0.0003+0.0256i	-0.0193-0.0163i	0.6691+0.0934i	-0.0579+0.0066i	0.0161+0.0080i	0.0652+0.0070i	0.0055-0.0031i
11.8	0.4481+0.1380i	-0.0078+0.0246i	-0.0203-0.0142i	0.6684+0.0886i	-0.0607+0.0084i	0.0154+0.0085i	0.0671+0.0028i	0.0067-0.0035i
11.9	0.4170+0.1379i	-0.0188+0.0248i	-0.0236-0.0106i	0.6710+0.0813i	-0.0617+0.0091i	0.0145+0.0082i	0.0708-0.0017i	0.0078-0.0044i

12.0	0.3969+0.1413i	-0.0248+0.0269i	-0.0228-0.0085i	0.6620+0.0829i	-0.0605+0.0091i	0.0127+0.0085i	0.0686-0.0065i	0.0085-0.0042i
12.1	0.3705+0.1540i	-0.0313+0.0285i	-0.0236-0.0086i	0.6581+0.0913i	-0.0619+0.0104i	0.0110+0.0113i	0.0684-0.0100i	0.0096-0.0058i
12.2	0.3519+0.1709i	-0.0390+0.0319i	-0.0249-0.0082i	0.6614+0.0911i	-0.0678+0.0141i	0.0104+0.0141i	0.0703-0.0132i	0.0103-0.0089i
12.3	0.3323+0.1878i	-0.0472+0.0373i	-0.0247-0.0045i	0.6693+0.0947i	-0.0719+0.0198i	0.0096+0.0192i	0.0707-0.0167i	0.0107-0.0131i
12.4	0.3231+0.2099i	-0.0523+0.0426i	-0.0223+0.0003i	0.6801+0.1027i	-0.0725+0.0264i	0.0115+0.0246i	0.0701-0.0190i	0.0090-0.0181i
12.5	0.3263+0.2346i	-0.0552+0.0483i	-0.0172-0.0005i	0.7116+0.1152i	-0.0692+0.0327i	0.0164+0.0300i	0.0714-0.0231i	0.0037-0.0216i
12.6	0.3344+0.2483i	-0.0567+0.0532i	-0.0089-0.0022i	0.7375+0.1019i	-0.0677+0.0378i	0.0215+0.0340i	0.0730-0.0261i	-0.0029-0.0265i
12.7	0.3423+0.2552i	-0.0581+0.0546i	0.0016-0.0111i	0.7719+0.0922i	-0.0678+0.0426i	0.0290+0.0369i	0.0782-0.0288i	-0.0108-0.0309i
12.8	0.3447+0.2574i	-0.0642+0.0552i	0.0028-0.0267i	0.8084+0.0685i	-0.0686+0.0456i	0.0370+0.0356i	0.0850-0.0357i	-0.0191-0.0305i
12.9	0.3421+0.2596i	-0.0729+0.0561i	0.0018-0.0462i	0.8459+0.0387i	-0.0666+0.0480i	0.0457+0.0379i	0.0906-0.0450i	-0.0298-0.0319i
13.0	0.3424+0.2651i	-0.0818+0.0599i	-0.0162-0.0754i	0.8749+0.0105i	-0.0714+0.0493i	0.0594+0.0355i	0.0970-0.0604i	-0.0450-0.0265i
13.1	0.3463+0.2653i	-0.0914+0.0627i	-0.0599-0.0923i	0.9003-0.0335i	-0.0751+0.0529i	0.0732+0.0232i	0.0923-0.0765i	-0.0599-0.0104i
13.2	0.3384+0.2691i	-0.1053+0.0693i	-0.1186-0.1002i	0.9360-0.0870i	-0.0818+0.0629i	0.0857+0.0069i	0.0851-0.0957i	-0.0716+0.0090i
13.3	0.3266+0.2785i	-0.1206+0.0807i	-0.1797-0.0744i	0.9658-0.1548i	-0.0820+0.0741i	0.0882-0.0078i	0.0684-0.1135i	-0.0698+0.0245i
13.4	0.3205+0.2989i	-0.1382+0.0972i	-0.2455-0.0152i	0.9935-0.2293i	-0.0796+0.0803i	0.0903-0.0195i	0.0434-0.1125i	-0.0699+0.0347i
13.5	0.3343+0.3416i	-0.1496+0.1243i	-0.2856+0.1199i	1.0010-0.3261i	-0.0833+0.0971i	0.0927-0.0544i	0.0355-0.1061i	-0.0743+0.0688i
13.6	0.3675+0.3907i	-0.1529+0.1621i	-0.2442+0.2742i	0.9650-0.4498i	-0.0748+0.1168i	0.0704-0.0937i	0.0237-0.1106i	-0.0501+0.1101i
13.7	0.4435+0.4154i	-0.1337+0.2026i	-0.0823+0.3657i	0.8646-0.5436i	-0.0559+0.1308i	0.0226-0.1054i	0.0093-0.1078i	-0.0018+0.1252i
13.8	0.5393+0.3888i	-0.1024+0.2155i	0.0880+0.3511i	0.7594-0.5453i	-0.0399+0.1290i	-0.0260-0.0834i	-0.0015-0.0881i	0.0465+0.1020i
13.9	0.6031+0.3240i	-0.0865+0.2203i	0.1983+0.2612i	0.7071-0.5428i	-0.0314+0.1267i	-0.0389-0.0436i	0.0051-0.0750i	0.0596+0.0644i
14.0	0.6352+0.2515i	-0.0834+0.2262i	0.2461+0.1509i	0.6982-0.5485i	-0.0289+0.1281i	-0.0247-0.0172i	0.0199-0.0741i	0.0448+0.0420i
14.1	0.6481+0.1822i	-0.0881+0.2363i	0.2334+0.0724i	0.7175-0.5693i	-0.0308+0.1354i	-0.0114-0.0112i	0.0273-0.0841i	0.0337+0.0412i
14.2	0.6589+0.0922i	-0.0877+0.2756i	0.2124+0.0039i	0.7143-0.6859i	-0.0189+0.1505i	-0.0034-0.0140i	0.0217-0.1062i	0.0313+0.0486i
14.3	0.6488-0.0499i	-0.0526+0.3414i	0.1770-0.0636i	0.6223-0.8877i	0.0071+0.1638i	-0.0055-0.0216i	0.0021-0.1310i	0.0408+0.0566i
14.4	0.5295-0.2042i	0.0397+0.3941i	0.1180-0.1040i	0.3461-1.0400i	0.0472+0.1689i	-0.0082-0.0130i	-0.0369-0.1399i	0.0547+0.0449i
14.5	0.3290-0.2225i	0.1451+0.3643i	0.0652-0.0952i	0.0074-0.9358i	0.0865+0.1459i	0.0031-0.0017i	-0.0737-0.1181i	0.0494+0.0278i
14.6	0.1575-0.1186i	0.2144+0.2674i	0.0333-0.0678i	-0.2104-0.6234i	0.0968+0.0959i	0.0132-0.0069i	-0.0911-0.0740i	0.0378+0.0223i
14.7	0.0896+0.0060i	0.2071+0.1790i	0.0202-0.0503i	-0.1848-0.3429i	0.0743+0.0636i	0.0191-0.0204i	-0.0743-0.0374i	0.0253+0.0287i
14.8	0.0895+0.0990i	0.1778+0.1338i	0.0155-0.0395i	-0.0860-0.1994i	0.0599+0.0585i	0.0111-0.0308i	-0.0651-0.0271i	0.0306+0.0400i
14.9	0.1340+0.1930i	0.1503+0.1048i	0.0126-0.0375i	0.0278-0.0838i	0.0439+0.0506i	-0.0052-0.0428i	-0.0500-0.0079i	0.0444+0.0513i
15.0	0.1907+0.2398i	0.1350+0.0949i	0.0095-0.0372i	0.1052-0.0355i	0.0321+0.0474i	-0.0224-0.0450i	-0.0369+0.0029i	0.0602+0.0526i
15.1	0.2418+0.2495i	0.1266+0.0842i	0.0054-0.0295i	0.1615-0.0075i	0.0320+0.0472i	-0.0391-0.0371i	-0.0297+0.0060i	0.0773+0.0434i
15.2	0.2956+0.2344i	0.1116+0.0781i	0.0013-0.0210i	0.2555-0.0035i	0.0350+0.0458i	-0.0506-0.0211i	-0.0140+0.0066i	0.0904+0.0268i
15.3	0.3040+0.1887i	0.0973+0.0650i	0.0007-0.0150i	0.3025-0.0076i	0.0284+0.0439i	-0.0466+0.0032i	0.0001+0.0006i	0.0849+0.0038i
15.4	0.3048+0.1566i	0.0872+0.0530i	0.0039-0.0117i	0.3404+0.0088i	0.0251+0.0328i	-0.0418+0.0206i	0.0098+0.0074i	0.0751-0.0172i
15.5	0.2931+0.1419i	0.0730+0.0487i	0.0065-0.0089i	0.3704-0.0011i	0.0148+0.0337i	-0.0362+0.0248i	0.0176+0.0048i	0.0693-0.0236i
15.6	0.2791+0.1300i	0.0586+0.0479i	0.0067-0.0046i	0.4159-0.0220i	0.0106+0.0388i	-0.0281+0.0271i	0.0269-0.0084i	0.0608-0.0230i
15.7	0.2597+0.1239i	0.0457+0.0457i	0.0078-0.0060i	0.4595-0.0180i	-0.0029+0.0411i	-0.0273+0.0265i	0.0321-0.0148i	0.0576-0.0203i
15.8	0.2373+0.1143i	0.0317+0.0442i	0.0103-0.0040i	0.4879-0.0272i	-0.0093+0.0356i	-0.0189+0.0331i	0.0399-0.0100i	0.0467-0.0271i
15.9	0.2108+0.1167i	0.0183+0.0494i	0.0145-0.0068i	0.5249-0.0459i	-0.0287+0.0400i	-0.0090+0.0370i	0.0622-0.0160i	0.0305-0.0295i
16.0	0.1950+0.1267i	0.0058+0.0554i	0.0130-0.0081i	0.5718-0.0652i	-0.0453+0.0624i	-0.0032+0.0443i	0.0823-0.0295i	0.0197-0.0323i
16.1	0.1856+0.1476i	-0.0037+0.0718i	0.0121-0.0068i	0.5855-0.1127i	-0.0423+0.0872i	0.0037+0.0365i	0.0862-0.0506i	0.0128-0.0170i
16.2	0.1813+0.1554i	-0.0046+0.0844i	0.0125-0.0100i	0.5855-0.1420i	-0.0318+0.1004i	0.0111+0.0182i	0.0811-0.0784i	0.0096+0.0092i
16.3	0.1751+0.1605i	0.0044+0.1035i	0.0112-0.0074i	0.5789-0.1750i	-0.0215+0.1050i	0.0028+0.0147i	0.0804-0.0922i	0.0225+0.0127i
16.4	0.1635+0.1642i	0.0251+0.1088i	0.0138-0.0109i	0.5477-0.1760i	-0.0119+0.0998i	-0.0054+0.0009i	0.0606-0.1053i	0.0346+0.0312i
16.5	0.1438+0.1716i	0.0371+0.0877i	0.0209-0.0094i	0.5323-0.1281i	-0.0201+0.0760i	-0.0169-0.0136i	0.0560-0.0983i	0.0507+0.0429i
16.6	0.1282+0.1874i	0.0288+0.0721i	0.0225-0.0099i	0.5773-0.1103i	-0.0538+0.0915i	-0.0466-0.0004i	0.0774-0.1119i	0.0803+0.0309i
16.7	0.1270+0.2052i	0.0181+0.0637i	0.0265-0.0155i	0.6290-0.1299i	-0.0758+0.1563i	-0.0697+0.0348i	0.0669-0.1552i	0.1082-0.0007i
16.8	0.1248+0.2206i	0.0107+0.0668i	0.0281-0.0221i	0.6249-0.1598i	-0.0164+0.1989i	-0.0453+0.0551i	0.0273-0.1640i	0.0885-0.0204i
16.9	0.1285+0.2277i	0.0026+0.0613i	0.0278-0.0301i	0.6287-0.1099i	0.0828+0.1309i	-0.0203+0.0438i	-0.0223-0.1164i	0.0712-0.0210i
17.0	0.1132+0.2290i	-0.0152+0.0652i	0.0250-0.0309i	0.7253-0.1369i	0.0315+0.0724i	-0.0407+0.0532i	0.0183-0.0997i	0.0834-0.0369i
17.1	0.1096+0.2539i	-0.0226+0.0782i	0.0163-0.0369i	0.7725-0.2320i	-0.0066+0.1211i	-0.0156+0.0944i	0.0210-0.1593i	0.0533-0.0698i
17.2	0.1224+0.2635i	-0.0211+0.0809i	0.0084-0.0410i	0.7456-0.2731i	0.0398+0.1338i	0.0340+0.0788i	-0.0438-0.1398i	0.0119-0.0527i
17.3	0.1181+0.2656i	-0.0329+0.0807i	-0.0007-0.0386i	0.8058-0.2939i	0.0220+0.1108i	0.0250+0.0499i	0.0019-0.0807i	0.0076-0.0274i
17.4	0.1180+0.2689i	-0.0415+0.0907i	-0.0093-0.0325i	0.8297-0.3513i	0.0048+0.1157i	0.0052+0.0385i	0.0510-0.1197i	0.0212-0.0054i
17.5	0.1173+0.2682i	-0.0394+0.0972i	-0.0085-0.0339i	0.8069-0.4062i	-0.0179+0.1196i	-0.0114+0.0434i	0.0305-0.1628i	0.0433+0.0000i
17.6	0.1062+0.2709i	-0.0405+0.0998i	-0.0110-0.0291i	0.7907-0.4440i	-0.0184+0.1491i	-0.0031+0.0547i	-0.0112-0.1597i	0.0420-0.0110i
17.7	0.0955+0.2716i	-0.0502+0.1014i	-0.0164-0.0247i	0.8069-0.4578i	-0.0144+0.1703i	0.0019+0.0577i	-0.0070-0.1395i	0.0359-0.0120i
17.8	0.0833+0.2700i	-0.0570+0.1070i	-0.0174-0.0187i	0.8252-0.4978i	-0.0126+0.1842i	-0.0029+0.0573i	0.0049-0.1374i	0.0428-0.0071i
17.9	0.0587+0.2876i	-0.0667+0.1170i	-0.0143-0.0103i	0.8319-0.5684i	0.0008+0.2102i	-0.0057+0.0606i	0.0026-0.1567i	0.0525-0.0051i
18.0	0.0539+0.3202i	-0.0708+0.1315i	-0.0116-0.0060i	0.8148-0.6483i	0.0291+0.2349i	-0.0058+0.0677i	-0.0207-0.1717i	0.0588-0.0059i
18.1	0.0609+0.3440i	-0.0712+0.1478i	-0.0151-0.0036i	0.7992-0.7033i	0.0563+0.2449i	-0.0055+0.0750i	-0.0395-0.1778i	0.0667-0.0107i
18.2	0.0765+0.3482i	-0.0646+0.1593i	-0.0105-0.0030i	0.7246-0.7703i	0.1193+0.2476i	0.0056+0.0899i	-0.0721-0.1745i	0.0671-0.0222i

18.3	0.0853+0.3322i	-0.0522+0.1627i	-0.0021+0.0007i	0.6232-0.7867i	0.1656+0.2320i	0.0284+0.0994i	-0.0821-0.1582i	0.0582-0.0319i
18.4	0.0726+0.2960i	-0.0445+0.1569i	0.0031+0.0044i	0.5278-0.7613i	0.1944+0.2003i	0.0521+0.0947i	-0.0756-0.1473i	0.0488-0.0266i
18.5	-0.0023+0.2425i	-0.0511+0.1296i	0.0074-0.0004i	0.4418-0.5878i	0.2048+0.1253i	0.0711+0.0616i	-0.0674-0.1460i	0.0524-0.0093i
18.6	-0.1780+0.3376i	-0.1144+0.1267i	0.0034-0.0081i	0.7083-0.3544i	0.1086+0.0572i	0.0312+0.0132i	-0.0827-0.1703i	0.0924-0.0078i
18.7	-0.1935+0.5052i	-0.1494+0.1766i	-0.0011-0.0037i	1.0007-0.5145i	0.0479+0.1213i	-0.0103+0.0383i	-0.1177-0.1598i	0.1030-0.0493i
18.8	-0.0984+0.5896i	-0.1304+0.2360i	0.0032+0.0078i	1.0097-0.8720i	0.0844+0.1956i	0.0008+0.0875i	-0.1351-0.1270i	0.0731-0.0774i
18.9	-0.0478+0.6196i	-0.1065+0.2651i	0.0133+0.0119i	0.9191-1.0294i	0.1026+0.2268i	0.0154+0.1064i	-0.1196-0.1131i	0.0617-0.0834i
19.0	0.0048+0.6507i	-0.0809+0.2815i	0.0267+0.0097i	0.7987-1.1215i	0.1495+0.2274i	0.0409+0.1123i	-0.1012-0.1001i	0.0359-0.0836i
19.1	0.0418+0.6694i	-0.0598+0.2873i	0.0376+0.0055i	0.6824-1.1668i	0.1841+0.2137i	0.0600+0.1066i	-0.0931-0.0929i	0.0176-0.0777i
19.2	0.0689+0.6657i	-0.0502+0.2855i	0.0465-0.0022i	0.6157-1.1571i	0.1957+0.1970i	0.0712+0.0937i	-0.0761-0.0964i	0.0105-0.0591i
19.3	0.0856+0.6610i	-0.0485+0.2880i	0.0553-0.0162i	0.5969-1.1713i	0.1922+0.1808i	0.0668+0.0823i	-0.0724-0.1089i	0.0178-0.0439i
19.4	0.0781+0.6787i	-0.0492+0.3013i	0.0662-0.0314i	0.5898-1.2428i	0.2065+0.1990i	0.0635+0.0840i	-0.0750-0.1241i	0.0232-0.0461i
19.5	0.0975+0.7168i	-0.0422+0.3249i	0.0698-0.0477i	0.5398-1.3553i	0.2236+0.2048i	0.0644+0.0886i	-0.0823-0.1219i	0.0282-0.0481i
19.6	0.1373+0.7435i	-0.0253+0.3462i	0.0603-0.0660i	0.4160-1.4583i	0.2601+0.2051i	0.0714+0.0933i	-0.0809-0.1235i	0.0327-0.0536i
19.7	0.1627+0.7504i	-0.0103+0.3563i	0.0510-0.0919i	0.3101-1.5052i	0.3025+0.1901i	0.0834+0.0965i	-0.0783-0.1351i	0.0295-0.0576i
19.8	0.1993+0.7648i	0.0196+0.3809i	0.0303-0.1166i	0.1091-1.5958i	0.3473+0.1352i	0.1003+0.0937i	-0.0875-0.1624i	0.0215-0.0596i
19.9	0.2260+0.7569i	0.0443+0.3777i	0.0120-0.1227i	-0.0298-1.5514i	0.3598+0.0954i	0.1126+0.0888i	-0.1026-0.1665i	0.0117-0.0593i
20.0	0.2509+0.7531i	0.0719+0.3719i	-0.0262-0.1198i	-0.2109-1.4696i	0.3582+0.0372i	0.1268+0.0798i	-0.1342-0.1692i	0.0018-0.0542i
20.1	0.2672+0.7614i	0.0925+0.3704i	-0.0611-0.1056i	-0.3164-1.4082i	0.3440+0.0099i	0.1326+0.0706i	-0.1554-0.1638i	-0.0001-0.0510i
20.2	0.2958+0.7673i	0.1167+0.3646i	-0.0694-0.0852i	-0.4051-1.3501i	0.3322+0.0013i	0.1367+0.0594i	-0.1687-0.1462i	-0.0012-0.0402i
20.3	0.3294+0.7606i	0.1394+0.3573i	-0.0713-0.0664i	-0.5206-1.2987i	0.3152-0.0166i	0.1267+0.0472i	-0.1833-0.1310i	0.0173-0.0341i
20.4	0.3336+0.7468i	0.1481+0.3484i	-0.0733-0.0605i	-0.6020-1.2300i	0.3123-0.0398i	0.1202+0.0438i	-0.1740-0.1189i	0.0256-0.0412i
20.5	0.3444+0.7382i	0.1604+0.3397i	-0.0758-0.0425i	-0.6910-1.1486i	0.3121-0.0630i	0.1167+0.0380i	-0.1742-0.1182i	0.0304-0.0453i
20.6	0.3446+0.7199i	0.1746+0.3224i	-0.0767-0.0419i	-0.7883-1.0158i	0.2930-0.0823i	0.1113+0.0424i	-0.1849-0.1156i	0.0383-0.0653i
20.7	0.3288+0.7226i	0.1830+0.3074i	-0.0820-0.0378i	-0.8742-0.8804i	0.2828-0.1044i	0.1122+0.0621i	-0.1901-0.1195i	0.0461-0.1047i
20.8	0.3334+0.7402i	0.1887+0.2980i	-0.0827-0.0204i	-0.8803-0.7570i	0.2629-0.1331i	0.1299+0.0697i	-0.2091-0.1207i	0.0147-0.1266i
20.9	0.3421+0.7423i	0.1903+0.2891i	-0.0940-0.0073i	-0.8999-0.6652i	0.2304-0.1513i	0.1432+0.0594i	-0.2222-0.1185i	-0.0141-0.1172i
21.0	0.3314+0.7566i	0.1896+0.2851i	-0.0931+0.0144i	-0.9171-0.5269i	0.2070-0.1566i	0.1626+0.0541i	-0.2259-0.1049i	-0.0455-0.1127i
21.1	0.3076+0.7803i	0.1892+0.2717i	-0.0967+0.0188i	-0.9504-0.3628i	0.1857-0.1509i	0.1761+0.0537i	-0.2515-0.0730i	-0.0677-0.1158i
21.2	0.2940+0.8170i	0.1934+0.2625i	-0.0734+0.0136i	-0.9630-0.2247i	0.1674-0.1471i	0.1904+0.0404i	-0.2694-0.0488i	-0.0838-0.0988i
21.3	0.2914+0.8918i	0.1928+0.2594i	-0.0539+0.0154i	-0.9627-0.0233i	0.1496-0.1601i	0.2066+0.0223i	-0.2898-0.0207i	-0.1059-0.0871i
21.4	0.3444+0.9740i	0.1945+0.2652i	-0.0469+0.0552i	-0.8702+0.1415i	0.1386-0.1754i	0.2223-0.0019i	-0.2728+0.0032i	-0.1383-0.0687i
21.5	0.4314+1.0034i	0.2082+0.2670i	0.0099+0.0612i	-0.7546+0.2128i	0.0944-0.1715i	0.2207-0.0360i	-0.2661+0.0233i	-0.1504-0.0184i
21.6	0.4848+1.0377i	0.2117+0.2655i	0.0188+0.0337i	-0.6645+0.3257i	0.0416-0.1524i	0.2097-0.0666i	-0.2643+0.0718i	-0.1481+0.0164i
21.7	0.5462+1.0487i	0.2127+0.2604i	0.0372+0.0161i	-0.5208+0.4336i	0.0217-0.1299i	0.2018-0.0899i	-0.2402+0.0936i	-0.1441+0.0522i
21.8	0.6215+1.0575i	0.2153+0.2580i	0.0322+0.0615i	-0.3595+0.5240i	0.0303-0.1272i	0.2040-0.0942i	-0.2063+0.0978i	-0.1627+0.0605i
21.9	0.7081+1.0687i	0.2145+0.2566i	-0.0080-0.0046i	-0.1643+0.5726i	0.0021-0.0770i	0.1608-0.1326i	-0.1821+0.1169i	-0.1049+0.1178i
22.0	0.7904+1.0474i	0.2165+0.2548i	0.0091-0.0008i	0.0376+0.5931i	-0.0006-0.0429i	0.1413-0.1393i	-0.1715+0.1234i	-0.0814+0.1357i
22.1	0.8588+1.0046i	0.2261+0.2523i	-0.0003-0.0182i	0.1702+0.5482i	0.0018+0.0056i	0.1112-0.1537i	-0.1474+0.1321i	-0.0369+0.1697i
22.2	0.9207+0.9663i	0.2308+0.2584i	-0.0567-0.0132i	0.3104+0.4438i	0.0418+0.0263i	0.0928-0.1450i	-0.1262+0.1284i	-0.0106+0.1590i
22.3	0.9813+0.9118i	0.2398+0.2581i	-0.0927-0.0172i	0.4078+0.3276i	0.0799+0.0325i	0.0648-0.1256i	-0.0965+0.1084i	0.0294+0.1247i
22.4	1.0343+0.8424i	0.2561+0.2431i	-0.0856-0.0336i	0.4492+0.2699i	0.0873+0.0277i	0.0462-0.1114i	-0.0859+0.0886i	0.0492+0.1041i
22.5	1.0647+0.7602i	0.2681+0.2315i	-0.0936+0.0064i	0.4846+0.1993i	0.0981+0.0149i	0.0385-0.0963i	-0.0735+0.0744i	0.0594+0.0889i
22.6	1.0815+0.6734i	0.2765+0.2209i	-0.0934+0.0477i	0.5091+0.1169i	0.1125+0.0073i	0.0401-0.0841i	-0.0710+0.0528i	0.0547+0.0735i
22.7	1.0858+0.6088i	0.2816+0.2067i	-0.0804+0.0958i	0.5330+0.0875i	0.1216+0.0039i	0.0360-0.0685i	-0.0709+0.0415i	0.0533+0.0608i
22.8	1.0651+0.5483i	0.2790+0.1942i	-0.0383+0.1282i	0.5749+0.0301i	0.1320+0.0011i	0.0470-0.0580i	-0.0801+0.0275i	0.0382+0.0545i
22.9	1.0230+0.5073i	0.2713+0.1882i	0.0128+0.1533i	0.5871-0.0281i	0.1358-0.0002i	0.0462-0.0799i	-0.0832+0.0544i	0.0581+0.0978i
23.0	0.9925+0.4918i	0.2694+0.1834i	0.0748+0.1530i	0.5689-0.0563i	0.1442-0.0139i	0.0186-0.0969i	-0.0665+0.0661i	0.1158+0.1165i
23.1	1.0038+0.4617i	0.2731+0.1745i	0.1045+0.1283i	0.6037-0.0707i	0.1357-0.0249i	0.0085-0.0702i	-0.0626+0.0379i	0.1179+0.0726i
23.2	0.9867+0.4132i	0.2706+0.1631i	0.1279+0.0930i	0.6276-0.1164i	0.1343-0.0293i	0.0088-0.0551i	-0.0586+0.0235i	0.1156+0.0543i
23.3	0.9681+0.3740i	0.2616+0.1559i	0.1668+0.0586i	0.6857-0.1565i	0.1385-0.0327i	0.0100-0.0451i	-0.0600+0.0219i	0.1159+0.0403i
23.4	0.9479+0.3495i	0.2534+0.1490i	0.1914+0.0092i	0.7322-0.1865i	0.1434-0.0373i	0.0133-0.0362i	-0.0570+0.0201i	0.1118+0.0290i
23.5	0.9228+0.3342i	0.2410+0.1437i	0.1752-0.0510i	0.7804-0.2379i	0.1448-0.0497i	0.0204-0.0262i	-0.0664+0.0089i	0.1051+0.0136i
23.6	0.8965+0.3258i	0.2319+0.1417i	0.1684-0.0865i	0.8130-0.2923i	0.1524-0.0593i	0.0233-0.0165i	-0.0693+0.0013i	0.1059-0.0002i
23.7	0.8717+0.3149i	0.2285+0.1394i	0.1559-0.1267i	0.8212-0.3403i	0.1483-0.0647i	0.0297-0.0085i	-0.0801-0.0003i	0.0926-0.0070i
23.8	0.8565+0.3009i	0.2166+0.1406i	0.1116-0.1761i	0.8589-0.4220i	0.1369-0.0759i	0.0376+0.0013i	-0.0967+0.0021i	0.0769-0.0133i
23.9	0.8409+0.2962i	0.2126+0.1502i	0.0668-0.1935i	0.8346-0.5155i	0.1190-0.0880i	0.0515+0.0060i	-0.1076-0.0005i	0.0629-0.0196i
24.0	0.8216+0.2997i	0.2092+0.1581i	0.0285-0.1864i	0.7989-0.5851i	0.1089-0.0943i	0.0642+0.0050i	-0.1186+0.0056i	0.0539-0.0109i
24.1	0.7992+0.2964i	0.2085+0.1659i	-0.0209-0.1652i	0.7394-0.6704i	0.0947-0.0921i	0.0831+0.0010i	-0.1245+0.0249i	0.0345+0.0077i
24.2	0.7825+0.2977i	0.2095+0.1734i	-0.0511-0.1421i	0.6769-0.7070i	0.0721-0.0787i	0.0974-0.0123i	-0.1265+0.0509i	0.0204+0.0336i
24.3	0.7715+0.2900i	0.2169+0.1741i	-0.0574-0.1290i	0.5959-0.7051i	0.0649-0.0431i	0.0964-0.0291i	-0.1064+0.0717i	0.0403+0.0681i
24.4	0.7531+0.2852i	0.2260+0.1712i	-0.0590-0.1077i	0.4997-0.6470i	0.0790-0.0194i	0.0898-0.0383i	-0.0760+0.0671i	0.0757+0.0772i
24.5	0.7432+0.2867i	0.2240+0.1660i	-0.0601-0.0952i	0.5092-0.5739i	0.0972-0.0269i	0.0826-0.0388i	-0.0638+0.0525i	0.0950+0.0559i

24.6	0.7238+0.2947i	0.2150+0.1663i	-0.0570-0.0868i	0.5589-0.5410i	0.1181-0.0408i	0.0732-0.0361i	-0.0554+0.0386i	0.1243+0.0319i
24.7	0.7088+0.3006i	0.2072+0.1685i	-0.0515-0.0767i	0.6144-0.5434i	0.1091-0.0479i	0.0744-0.0297i	-0.0606+0.0248i	0.1131+0.0072i
24.8	0.7001+0.3041i	0.2032+0.1691i	-0.0473-0.0734i	0.6697-0.5604i	0.0921-0.0471i	0.0802-0.0234i	-0.0671+0.0103i	0.0976-0.0091i
24.9	0.6783+0.3088i	0.1920+0.1718i	-0.0470-0.0748i	0.7559-0.6034i	0.0997-0.0376i	0.0847-0.0241i	-0.0751+0.0009i	0.0865-0.0087i
25.0	0.6615+0.3251i	0.1872+0.1868i	-0.0490-0.0753i	0.7758-0.6672i	0.1120-0.0464i	0.0916-0.0281i	-0.0825+0.0057i	0.0801-0.0007i
25.1	0.6372+0.3573i	0.1819+0.2063i	-0.0537-0.0791i	0.8008-0.7415i	0.1196-0.0702i	0.0957-0.0380i	-0.0920+0.0127i	0.0783-0.0054i
25.2	0.6345+0.3803i	0.1828+0.2271i	-0.0557-0.0764i	0.7932-0.8301i	0.1044-0.0790i	0.0911-0.0416i	-0.0931+0.0159i	0.0858-0.0143i
25.3	0.6310+0.4059i	0.1855+0.2464i	-0.0600-0.0731i	0.7752-0.9166i	0.0859-0.0811i	0.0845-0.0346i	-0.0916+0.0184i	0.0924-0.0302i
25.4	0.6480+0.4425i	0.2091+0.2599i	-0.0572-0.0651i	0.7065-0.9318i	0.0589-0.0839i	0.1042-0.0240i	-0.1098+0.0043i	0.0342-0.0529i
25.5	0.6764+0.4693i	0.2268+0.2690i	-0.0536-0.0707i	0.7033-0.9233i	0.0404-0.0798i	0.1275-0.0264i	-0.1386+0.0064i	-0.0328-0.0460i
25.6	0.7013+0.4862i	0.2398+0.2732i	-0.0552-0.0799i	0.7444-0.9594i	0.0146-0.0521i	0.1445-0.0487i	-0.1562+0.0391i	-0.0767+0.0286i
25.7	0.7206+0.5095i	0.2492+0.2817i	-0.0578-0.0871i	0.7626-0.9923i	0.0116-0.0131i	0.1567-0.0740i	-0.1634+0.0735i	-0.0931+0.0892i
25.8	0.7322+0.5245i	0.2545+0.2944i	-0.0689-0.0967i	0.7516-1.0995i	0.0446+0.0435i	0.1502-0.1230i	-0.1190+0.1299i	-0.0344+0.1978i
25.9	0.7629+0.5444i	0.2755+0.3054i	-0.0870-0.0981i	0.6664-1.1492i	0.1235+0.0476i	0.1074-0.1370i	-0.0423+0.1113i	0.0785+0.1862i
26.0	0.8141+0.5469i	0.3059+0.3015i	-0.0951-0.0917i	0.6335-1.1706i	0.1465-0.0183i	0.0907-0.1262i	-0.0414+0.0531i	0.0871+0.1381i
26.1	0.8555+0.5370i	0.3255+0.2982i	-0.1111-0.0852i	0.5953-1.2216i	0.1273-0.0508i	0.0817-0.1293i	-0.0680+0.0460i	0.0862+0.1524i
26.2	0.8905+0.5196i	0.3407+0.2915i	-0.1314-0.0767i	0.5490-1.2766i	0.1022-0.0578i	0.0713-0.1374i	-0.0836+0.0575i	0.1034+0.1760i
26.3	0.9355+0.5030i	0.3582+0.2858i	-0.1508-0.0509i	0.4666-1.3228i	0.0815-0.0732i	0.0516-0.1395i	-0.0999+0.0680i	0.1418+0.1732i
26.4	0.9710+0.4815i	0.3744+0.2750i	-0.1671-0.0263i	0.4116-1.3181i	0.0638-0.0820i	0.0356-0.1367i	-0.1052+0.0676i	0.1734+0.1501i
26.5	0.9937+0.4466i	0.3919+0.2541i	-0.1543+0.0154i	0.3103-1.2378i	0.0420-0.0574i	0.0241-0.1262i	-0.0984+0.0852i	0.2059+0.1282i
26.6	0.9985+0.4073i	0.3885+0.2363i	-0.1176+0.0459i	0.2926-1.1349i	0.0310-0.0304i	0.0137-0.1149i	-0.0904+0.0949i	0.2114+0.1128i
26.7	0.9996+0.3743i	0.3842+0.2337i	-0.0804+0.0527i	0.3350-1.1054i	0.0092+0.0035i	0.0101-0.1113i	-0.0883+0.1043i	0.1935+0.1035i
26.8	0.9976+0.3513i	0.3808+0.2310i	-0.0491+0.0305i	0.4445-1.0910i	0.0205+0.0506i	0.0070-0.1018i	-0.0921+0.1219i	0.1825+0.1129i
26.9	1.0006+0.3334i	0.3818+0.2335i	-0.0354+0.0029i	0.5160-1.1507i	0.0568+0.0784i	0.0026-0.0968i	-0.0740+0.1475i	0.2031+0.1362i
27.0	1.0123+0.3081i	0.3948+0.2398i	-0.0360-0.0188i	0.4901-1.2677i	0.0880+0.1032i	0.0027-0.0952i	-0.0367+0.1702i	0.2342+0.1637i
27.1	1.0163+0.2773i	0.4071+0.2363i	-0.0458-0.0257i	0.4497-1.3134i	0.1169+0.1069i	-0.0005-0.0925i	-0.0094+0.1723i	0.2655+0.1666i
27.2	1.0185+0.2324i	0.4184+0.2248i	-0.0585-0.0323i	0.4229-1.3337i	0.1508+0.0989i	-0.0089-0.0869i	0.0144+0.1609i	0.3012+0.1535i
27.3	0.9978+0.1920i	0.4218+0.2128i	-0.0616-0.0373i	0.4072-1.3667i	0.1750+0.0717i	-0.0128-0.0792i	0.0336+0.1502i	0.3253+0.1307i
27.4	0.9600+0.1790i	0.4163+0.2077i	-0.0654-0.0411i	0.4037-1.3657i	0.1891+0.0548i	-0.0114-0.0710i	0.0460+0.1357i	0.3452+0.1133i
27.5	0.9480+0.1746i	0.4221+0.2063i	-0.0692-0.0521i	0.4008-1.3710i	0.1934+0.0558i	-0.0084-0.0710i	0.0621+0.1347i	0.3629+0.1150i
27.6	0.9366+0.1601i	0.4327+0.2058i	-0.0756-0.0558i	0.3881-1.4223i	0.2106+0.0703i	-0.0129-0.0693i	0.0822+0.1279i	0.3929+0.1070i
27.7	0.9086+0.1426i	0.4395+0.2076i	-0.0808-0.0665i	0.3608-1.4854i	0.2510+0.0651i	-0.0203-0.0619i	0.1074+0.1192i	0.4415+0.0768i
27.8	0.8762+0.1310i	0.4407+0.2019i	-0.1037-0.0677i	0.3211-1.4996i	0.2793+0.0391i	-0.0245-0.0529i	0.1382+0.0977i	0.4744+0.0263i
27.9	0.8485+0.1326i	0.4388+0.2020i	-0.1214-0.0693i	0.3172-1.5035i	0.2901+0.0161i	-0.0269-0.0484i	0.1578+0.0831i	0.4830-0.0082i
28.0	0.8170+0.1449i	0.4329+0.2062i	-0.1427-0.0596i	0.3597-1.5589i	0.2794-0.0074i	-0.0292-0.0384i	0.1677+0.0507i	0.4613-0.0571i
28.1	0.7758+0.1861i	0.4232+0.2300i	-0.1603-0.0354i	0.3779-1.7038i	0.2814-0.0191i	-0.0293-0.0233i	0.1737+0.0099i	0.4639-0.0760i
28.2	0.7925+0.2590i	0.4618+0.2626i	-0.1665-0.0135i	0.2127-1.8423i	0.2928-0.0012i	-0.0238-0.0129i	0.1588-0.0250i	0.4777-0.0568i
28.3	0.8625+0.2748i	0.5236+0.2499i	-0.1700+0.0173i	-0.0184-1.7654i	0.3395-0.0108i	-0.0179-0.0095i	0.1443-0.0226i	0.5036-0.0564i
28.4	0.8964+0.2399i	0.5468+0.2167i	-0.1605+0.0446i	-0.0876-1.6447i	0.3772-0.0440i	-0.0150-0.0059i	0.1553-0.0276i	0.5405-0.1059i
28.5	0.8985+0.2197i	0.5511+0.2040i	-0.1463+0.0586i	-0.0712-1.6068i	0.3871-0.0882i	-0.0155-0.0064i	0.1600-0.0551i	0.5501-0.1559i
28.6	0.8948+0.2126i	0.5555+0.1928i	-0.1304+0.0712i	-0.0184-1.5930i	0.3733-0.1213i	-0.0155-0.0020i	0.1554-0.0665i	0.5366-0.1852i
28.7	0.9049+0.2063i	0.5690+0.1852i	-0.1186+0.0889i	-0.0118-1.6089i	0.3886-0.1418i	-0.0233+0.0060i	0.1649-0.0791i	0.5449-0.2221i
28.8	0.9091+0.1892i	0.5790+0.1743i	-0.1065+0.0960i	-0.0071-1.6321i	0.3899-0.1932i	-0.0244+0.0210i	0.1596-0.1096i	0.5212-0.2707i
28.9	0.9099+0.1685i	0.5957+0.1524i	-0.0919+0.0867i	-0.0155-1.6380i	0.3902-0.2368i	-0.0245+0.0268i	0.1560-0.1476i	0.5101-0.3175i
29.0	0.9053+0.1554i	0.6040+0.1357i	-0.0772+0.0831i	-0.0119-1.6729i	0.3802-0.2719i	-0.0281+0.0373i	0.1351-0.1742i	0.5042-0.3624i
29.1	0.8994+0.1390i	0.6185+0.1168i	-0.0586+0.0942i	-0.0737-1.7077i	0.3536-0.2864i	-0.0233+0.0537i	0.1135-0.1785i	0.4782-0.3737i
29.2	0.8831+0.1300i	0.6071+0.1050i	-0.0505+0.0825i	-0.0604-1.7717i	0.3688-0.3127i	-0.0100+0.0554i	0.1230-0.1897i	0.4947-0.3951i
29.3	0.8752+0.1202i	0.6121+0.0844i	-0.0402+0.0743i	-0.0888-1.7829i	0.3591-0.3587i	0.0007+0.0628i	0.1142-0.2018i	0.4806-0.4259i
29.4	0.8690+0.1042i	0.6216+0.0596i	-0.0273+0.0809i	-0.1231-1.8149i	0.3248-0.4124i	0.0039+0.0779i	0.0916-0.2327i	0.4402-0.4651i
29.5	0.8466+0.0866i	0.6191+0.0378i	-0.0045+0.0794i	-0.1735-1.8618i	0.2697-0.4422i	0.0182+0.0925i	0.0832-0.2322i	0.4098-0.4857i
29.6	0.8205+0.0946i	0.6110+0.0323i	-0.0037+0.0649i	-0.2239-1.8994i	0.2314-0.4563i	0.0391+0.0967i	0.0883-0.2518i	0.3980-0.5066i
29.7	0.8063+0.1004i	0.6043+0.0137i	0.0026+0.0596i	-0.2687-1.9266i	0.2068-0.4810i	0.0484+0.1002i	0.0757-0.2864i	0.3864-0.5344i
29.8	0.7980+0.1094i	0.5998+0.0109i	0.0081+0.0525i	-0.3116-1.9633i	0.1866-0.5097i	0.0543+0.1016i	0.0608-0.3226i	0.3830-0.5864i
29.9	0.8074+0.1374i	0.6036+0.0068i	0.0020+0.0271i	-0.3684-2.0842i	0.1637-0.4961i	0.0626+0.0979i	0.0588-0.3332i	0.3821-0.5877i
30.0	0.8004+0.1397i	0.5952-0.0116i	0.0134+0.0236i	-0.4336-2.0727i	0.0915-0.5424i	0.0689+0.1085i	-0.0294-0.3709i	0.2806-0.6476i
30.1	0.7952+0.1327i	0.5850-0.0252i	0.0304+0.0382i	-0.5149-2.0222i	0.0325-0.5713i	0.0769+0.1147i	-0.1065-0.3961i	0.2018-0.6906i
30.2	0.7975+0.1324i	0.5655-0.0327i	0.0308+0.0446i	-0.5809-2.0456i	-0.0507-0.5688i	0.0905+0.1237i	-0.1832-0.3877i	0.1281-0.7038i
30.3	0.8117+0.1254i	0.5656-0.0252i	0.0440+0.0507i	-0.7033-2.0843i	-0.1105-0.5447i	0.1067+0.1401i	-0.2336-0.3467i	0.0525-0.6817i
30.4	0.8190+0.1107i	0.5776-0.0223i	0.0523+0.0246i	-0.8237-2.0686i	-0.1378-0.5117i	0.1147+0.1462i	-0.2505-0.2769i	-0.0074-0.6334i
30.5	0.8041+0.0928i	0.5837-0.0327i	0.0505+0.0132i	-0.9237-2.0206i	-0.1914-0.4982i	0.1327+0.1517i	-0.2777-0.2485i	-0.0455-0.5985i
30.6	0.7821+0.0780i	0.5902-0.0472i	0.0665+0.0232i	-1.0457-1.9423i	-0.2419-0.4519i	0.1607+0.1615i	-0.2926-0.2043i	-0.0776-0.5601i
30.7	0.7481+0.0800i	0.5712-0.0584i	0.0929+0.0386i	-1.1132-1.8801i	-0.2791-0.4015i	0.1955+0.1614i	-0.2762-0.1631i	-0.0749-0.5222i
30.8	0.7250+0.0968i	0.5669-0.0568i	0.1393+0.0275i	-1.1646-1.8014i	-0.2955-0.3454i	0.2212+0.1516i	-0.2558-0.1423i	-0.0975-0.4768i

30.9	0.7311+0.1292i	0.5755-0.0461i	0.1716-0.0063i	-1.2326-1.7440i	-0.3195-0.3013i	0.2427+0.1414i	-0.2368-0.1365i	-0.1201-0.4494i
31.0	0.7328+0.1376i	0.5717-0.0556i	0.1946-0.0532i	-1.2599-1.6723i	-0.3258-0.2484i	0.2674+0.1307i	-0.2192-0.1141i	-0.1144-0.3959i
31.1	0.7200+0.1408i	0.5596-0.0651i	0.2159-0.1092i	-1.2455-1.5618i	-0.3163-0.1847i	0.2974+0.0956i	-0.1888-0.1305i	-0.0451-0.3978i
31.2	0.7061+0.1723i	0.5422-0.0531i	0.2153-0.1705i	-1.1965-1.5369i	-0.2642-0.1833i	0.2952+0.0728i	-0.1742-0.1785i	-0.0727-0.4609i
31.3	0.7145+0.1983i	0.5421-0.0383i	0.2091-0.2196i	-1.2028-1.5357i	-0.2545-0.2015i	0.3001+0.0696i	-0.2102-0.2090i	-0.1342-0.4315i
31.4	0.7328+0.2113i	0.5529-0.0319i	0.1844-0.2499i	-1.1980-1.5007i	-0.2747-0.1898i	0.3095+0.0528i	-0.2467-0.2026i	-0.1537-0.3626i
31.5	0.7532+0.2155i	0.5670-0.0264i	0.1817-0.3071i	-1.2303-1.4651i	-0.2970-0.1499i	0.3177+0.0390i	-0.2801-0.1819i	-0.1409-0.2914i
31.6	0.7742+0.2138i	0.5828-0.0243i	0.1407-0.3327i	-1.2820-1.4414i	-0.2913-0.1069i	0.3282+0.0280i	-0.2979-0.1686i	-0.1065-0.2423i
31.7	0.7923+0.2113i	0.6009-0.0329i	0.1157-0.4008i	-1.3115-1.3946i	-0.2891-0.0590i	0.3334+0.0155i	-0.3067-0.1563i	-0.0732-0.2148i
31.8	0.8082+0.2034i	0.6102-0.0534i	0.0344-0.5052i	-1.3244-1.3067i	-0.2724-0.0474i	0.3324-0.0153i	-0.3384-0.1300i	-0.0121-0.1950i
31.9	0.8151+0.1898i	0.6096-0.0670i	-0.0464-0.5644i	-1.3078-1.2066i	-0.2327-0.0198i	0.3384-0.0334i	-0.3528-0.0925i	0.0385-0.1943i
32.0	0.8065+0.1857i	0.5956-0.0685i	-0.0820-0.5629i	-1.2664-1.1727i	-0.2100-0.0165i	0.3340-0.0461i	-0.3473-0.0585i	0.0730-0.2204i
32.1	0.8118+0.1738i	0.6004-0.0741i	-0.1632-0.5946i	-1.2681-1.1387i	-0.1796+0.0050i	0.3271-0.0564i	-0.3492-0.0278i	0.1037-0.2303i
32.2	0.8205+0.1681i	0.5996-0.0644i	-0.3289-0.5979i	-1.2435-1.1303i	-0.1548+0.0031i	0.3326-0.0644i	-0.3284-0.0036i	0.1270-0.2476i
32.3	0.8301+0.1522i	0.6061-0.0485i	-0.4566-0.5567i	-1.2178-1.1375i	-0.1442+0.0073i	0.3377-0.0690i	-0.2994+0.0112i	0.1539-0.2760i
32.4	0.8410+0.1397i	0.6260-0.0326i	-0.5821-0.4989i	-1.2427-1.1528i	-0.1254-0.0225i	0.3324-0.0760i	-0.2703+0.0110i	0.1860-0.2983i
32.5	0.8354+0.1141i	0.6571-0.0350i	-0.6607-0.4127i	-1.2949-1.0941i	-0.1333-0.0514i	0.3270-0.0823i	-0.2591-0.0003i	0.1861-0.3424i
32.6	0.8136+0.0829i	0.6702-0.0328i	-0.7321-0.2722i	-1.2942-1.0502i	-0.1522-0.0604i	0.3279-0.0887i	-0.2679-0.0089i	0.1777-0.3840i
32.7	0.7922+0.0589i	0.6926-0.0322i	-0.7649-0.1579i	-1.3174-1.0120i	-0.1667-0.0572i	0.3359-0.0979i	-0.2771-0.0137i	0.1676-0.4134i
32.8	0.7697+0.0462i	0.7187-0.0507i	-0.7644-0.0118i	-1.2879-0.9037i	-0.1761-0.0555i	0.3331-0.0992i	-0.2818+0.0002i	0.1437-0.4331i
32.9	0.7233+0.0396i	0.7233-0.0619i	-0.6762+0.1011i	-1.1844-0.8241i	-0.2022-0.0371i	0.3245-0.0997i	-0.2921+0.0225i	0.1045-0.4580i
33.0	0.6823+0.0386i	0.7421-0.0721i	-0.5651+0.1677i	-1.0919-0.7913i	-0.2180-0.0196i	0.3200-0.0963i	-0.2798+0.0429i	0.0785-0.4441i
33.1	0.6337+0.0672i	0.7728-0.0656i	-0.4482+0.2303i	-1.0054-0.8011i	-0.2293+0.0198i	0.3332-0.0904i	-0.2593+0.0675i	0.0597-0.4281i
33.2	0.5976+0.0949i	0.7965-0.0596i	-0.3466+0.1442i	-0.9042-0.8584i	-0.2132+0.0581i	0.3429-0.0785i	-0.2416+0.0884i	0.0225-0.3989i
33.3	0.5735+0.1517i	0.8404-0.0935i	-0.2754+0.0828i	-0.8253-0.9241i	-0.1788+0.0902i	0.3690-0.0643i	-0.2095+0.1002i	0.0505-0.3604i
33.4	0.5630+0.1998i	0.8821-0.1481i	-0.2944+0.0794i	-0.8058-0.9711i	-0.1519+0.1147i	0.4160-0.0576i	-0.1704+0.0896i	0.1248-0.3241i
33.5	0.5777+0.2423i	0.9069-0.2172i	-0.3035+0.0885i	-0.8377-0.9826i	-0.1252+0.1103i	0.4469-0.0831i	-0.1472+0.0580i	0.2040-0.3316i
33.6	0.5945+0.2720i	0.9213-0.2821i	-0.3074+0.1138i	-0.8694-0.9887i	-0.0964+0.0874i	0.4771-0.1029i	-0.1451+0.0352i	0.2730-0.3461i
33.7	0.6068+0.2980i	0.8916-0.3275i	-0.2991+0.1310i	-0.8511-1.0088i	-0.0989+0.0710i	0.5007-0.1268i	-0.1449+0.0291i	0.3083-0.3887i
33.8	0.6260+0.3321i	0.8465-0.3646i	-0.2585+0.0900i	-0.7999-1.0708i	-0.0761+0.0584i	0.5258-0.1617i	-0.1248+0.0209i	0.3292-0.4659i
33.9	0.6457+0.3582i	0.8301-0.3695i	-0.2357+0.0333i	-0.7889-1.1901i	-0.0697+0.0186i	0.5373-0.2148i	-0.1254-0.0081i	0.3569-0.5507i
34.0	0.6770+0.3827i	0.8061-0.3762i	-0.2572+0.0124i	-0.8360-1.2663i	-0.1175-0.0002i	0.5480-0.2699i	-0.1308-0.0265i	0.3813-0.6398i
34.1	0.7047+0.3777i	0.7781-0.3831i	-0.2704-0.0032i	-0.8787-1.2935i	-0.1545+0.0088i	0.5583-0.3025i	-0.1389-0.0532i	0.3986-0.7023i
34.2	0.7210+0.3550i	0.7717-0.3853i	-0.2916-0.0099i	-0.9434-1.3022i	-0.1904+0.0429i	0.5490-0.3484i	-0.1624-0.0718i	0.3719-0.8046i
34.3	0.7351+0.3514i	0.7729-0.3866i	-0.3202-0.0398i	-0.9604-1.3280i	-0.2184+0.0793i	0.5362-0.3851i	-0.1791-0.0834i	0.3543-0.8773i
34.4	0.7435+0.3589i	0.7792-0.3931i	-0.3176-0.0353i	-1.0153-1.2901i	-0.2296+0.1284i	0.5103-0.4280i	-0.2033-0.0858i	0.2855-0.9653i
34.5	0.7574+0.3523i	0.7825-0.3917i	-0.3302-0.0119i	-1.0399-1.2680i	-0.2063+0.1701i	0.4819-0.4512i	-0.2198-0.0839i	0.1982-1.0422i
34.6	0.7460+0.3638i	0.7983-0.4007i	-0.3238+0.0011i	-1.0685-1.2709i	-0.1882+0.2109i	0.4577-0.4774i	-0.2379-0.0706i	0.1031-1.1073i
34.7	0.7582+0.3767i	0.8156-0.4189i	-0.3133+0.0058i	-1.0559-1.2743i	-0.1689+0.2422i	0.4376-0.4945i	-0.2502-0.0559i	0.0232-1.1329i
34.8	0.7695+0.3995i	0.8203-0.4160i	-0.3476-0.0167i	-1.0489-1.3254i	-0.1541+0.2698i	0.4157-0.5072i	-0.2495-0.0225i	-0.0550-1.1545i
34.9	0.7725+0.4130i	0.8341-0.4267i	-0.3534-0.0118i	-1.0655-1.3358i	-0.1367+0.2897i	0.4174-0.5115i	-0.2373-0.0015i	-0.1250-1.1632i
35.0	0.7949+0.4251i	0.8662-0.4578i	-0.3448+0.0164i	-1.1229-1.3316i	-0.1266+0.3017i	0.4163-0.5146i	-0.2104+0.0096i	-0.1636-1.1301i
35.1	0.8330+0.4470i	0.9021-0.4692i	-0.3498+0.0296i	-1.2169-1.3702i	-0.0848+0.3282i	0.4076-0.5208i	-0.1753+0.0139i	-0.2297-1.1084i
35.2	0.8611+0.4468i	0.9160-0.5017i	-0.3696+0.0209i	-1.2382-1.3382i	-0.0426+0.3687i	0.3986-0.5268i	-0.1492+0.0030i	-0.2824-1.1339i
35.3	0.9002+0.4192i	0.9395-0.5836i	-0.3836+0.0223i	-1.2794-1.2415i	0.0060+0.4062i	0.3759-0.5588i	-0.1347-0.0375i	-0.3636-1.1573i
35.4	0.9160+0.3949i	0.9538-0.6469i	-0.3897+0.0122i	-1.3083-1.2058i	0.0360+0.3984i	0.3966-0.5867i	-0.0991-0.0632i	-0.3718-1.1354i
35.5	0.9372+0.3824i	0.9619-0.6899i	-0.4006+0.0191i	-1.3399-1.1806i	0.0568+0.4135i	0.4024-0.6135i	-0.0764-0.0963i	-0.3797-1.1640i
35.6	0.9269+0.3518i	0.9317-0.7575i	-0.4233+0.0323i	-1.2829-1.0868i	0.1014+0.4331i	0.3846-0.6551i	-0.0827-0.1527i	-0.4299-1.1923i
35.7	0.9059+0.3242i	0.8978-0.8287i	-0.4176+0.0416i	-1.1839-0.9947i	0.1532+0.4489i	0.3629-0.6921i	-0.1027-0.2173i	-0.4830-1.2254i
35.8	0.8834+0.3239i	0.8623-0.8762i	-0.4185+0.0413i	-1.0775-1.0029i	0.2017+0.4314i	0.3425-0.7394i	-0.1410-0.2842i	-0.5511-1.2446i
35.9	0.8648+0.3381i	0.8097-0.9028i	-0.4363+0.0340i	-0.9749-1.0753i	0.2527+0.4151i	0.2951-0.7800i	-0.2064-0.3274i	-0.6529-1.2596i
36.0	0.8550+0.3438i	0.7594-0.9340i	-0.4545+0.0382i	-0.9146-1.1007i	0.3014+0.4111i	0.2317-0.7850i	-0.2814-0.3460i	-0.7693-1.2645i
36.1	0.8254+0.3447i	0.6902-0.9700i	-0.4524+0.0351i	-0.8226-1.1688i	0.3645+0.4204i	0.1787-0.7906i	-0.3604-0.3704i	-0.9325-1.3057i
36.2	0.8289+0.3591i	0.6518-0.9868i	-0.4667+0.0140i	-0.8190-1.2534i	0.4424+0.3936i	0.1442-0.7753i	-0.4055-0.3569i	-1.0637-1.2454i
36.3	0.8273+0.3898i	0.6361-0.9911i	-0.4756+0.0082i	-0.8265-1.3608i	0.5014+0.3634i	0.1319-0.7759i	-0.4357-0.3292i	-1.1438-1.1901i
36.4	0.8199+0.4176i	0.5653-1.0113i	-0.4999-0.0055i	-0.7482-1.4605i	0.5949+0.3048i	0.0915-0.7660i	-0.5015-0.3115i	-1.3037-1.1055i
36.5	0.8286+0.4430i	0.5086-0.9950i	-0.5434+0.0164i	-0.6855-1.6142i	0.6491+0.1983i	0.0641-0.7318i	-0.5478-0.2631i	-1.4118-0.9305i
36.6	0.8266+0.4229i	0.4694-1.0069i	-0.5327+0.0779i	-0.7041-1.7025i	0.6674+0.1352i	0.0553-0.7243i	-0.5518-0.2525i	-1.4480-0.8544i
36.7	0.8192+0.4412i	0.4437-0.9848i	-0.5069+0.0878i	-0.8126-1.8563i	0.6883+0.0567i	0.0337-0.7213i	-0.5719-0.2619i	-1.4987-0.7607i
36.8	0.8405+0.5034i	0.4458-0.9299i	-0.5420+0.0689i	-0.9199-2.1000i	0.6822-0.0463i	0.0261-0.7104i	-0.6076-0.2408i	-1.5225-0.6059i
36.9	0.8583+0.5173i	0.4530-0.9305i	-0.5447+0.0715i	-1.0972-2.1250i	0.6482-0.1376i	0.0310-0.6664i	-0.6493-0.1985i	-1.5184-0.4627i
37.0	0.8501+0.5651i	0.4296-0.9070i	-0.5530+0.0239i	-1.1019-2.1970i	0.6371-0.2104i	0.0738-0.6570i	-0.6720-0.1779i	-1.5021-0.3641i
37.1	0.8787+0.6224i	0.4448-0.8921i	-0.6036-0.0065i	-1.1945-2.3533i	0.6062-0.3106i	0.0707-0.6893i	-0.7170-0.1836i	-1.5250-0.2493i

37.2	0.9453+0.6374i	0.4893-0.9265i	-0.6632+0.0148i	-1.4438-2.4126i	0.5228-0.3992i	0.0335-0.6943i	-0.7902-0.1510i	-1.5110-0.1108i
37.3	0.9998+0.6285i	0.5160-0.9863i	-0.7029+0.0234i	-1.6530-2.3461i	0.4237-0.4432i	0.0384-0.6846i	-0.8435-0.1114i	-1.4498-0.0147i
37.4	1.0445+0.6470i	0.5165-1.0052i	-0.7601+0.0106i	-1.8087-2.3782i	0.3010-0.4701i	0.0630-0.6744i	-0.8932-0.0330i	-1.3312+0.1143i
37.5	1.0731+0.6359i	0.4633-1.0825i	-0.8172+0.0151i	-1.8527-2.2544i	0.1853-0.4108i	0.0768-0.6847i	-0.9460+0.0806i	-1.2146+0.1581i
37.6	1.0792+0.6392i	0.4214-1.1222i	-0.8608+0.0121i	-1.8692-2.2680i	0.1328-0.3600i	0.1096-0.7076i	-0.9563+0.1902i	-1.1217+0.1923i
37.7	1.0650+0.6667i	0.3622-1.1278i	-0.8745-0.0060i	-1.9357-2.3582i	0.1289-0.3001i	0.1193-0.7590i	-0.9167+0.2950i	-1.0437+0.1983i
37.8	1.0674+0.6948i	0.3019-1.1406i	-0.9143-0.0034i	-1.9559-2.4213i	0.1419-0.2748i	0.1260-0.7876i	-0.8561+0.3520i	-0.9864+0.2176i
37.9	1.1248+0.7566i	0.2604-1.1661i	-1.0367-0.0444i	-2.1752-2.4826i	0.1327-0.2767i	0.1096-0.8556i	-0.7605+0.4143i	-0.8975+0.1984i
38.0	1.2051+0.7951i	0.2161-1.1499i	-1.1865-0.0668i	-2.3551-2.4431i	0.1014-0.2504i	0.0372-0.9037i	-0.7153+0.3763i	-0.8725+0.0645i
38.1	1.2933+0.7974i	0.1291-1.1809i	-1.3956-0.0185i	-2.4412-2.2714i	0.0733-0.2211i	-0.0476-0.9055i	-0.7449+0.3256i	-0.9311-0.0094i
38.2	1.3686+0.7697i	0.0785-1.1678i	-1.5432+0.1216i	-2.5194-2.1777i	0.0720-0.1844i	-0.0949-0.8489i	-0.7870+0.3621i	-1.0234+0.0093i
38.3	1.4446+0.7431i	0.0343-1.1404i	-1.7259+0.2543i	-2.5272-2.1253i	0.0807-0.1428i	-0.0682-0.8121i	-0.8180+0.4293i	-1.0793+0.0458i
38.4	1.5002+0.7157i	-0.0042-1.1337i	-1.8644+0.4516i	-2.4927-2.1071i	0.1099-0.1338i	-0.0193-0.8135i	-0.8303+0.5360i	-1.1115+0.1638i
38.5	1.5653+0.6751i	0.0053-1.0814i	-1.9631+0.7289i	-2.6241-2.2488i	0.1418-0.1293i	-0.0046-0.8685i	-0.7695+0.6776i	-1.0791+0.2724i
38.6	1.6148+0.6275i	-0.0001-1.0867i	-1.9675+0.9722i	-2.7717-2.2298i	0.1696-0.1437i	-0.0290-0.9241i	-0.6536+0.7473i	-1.0223+0.3512i
38.7	1.6720+0.5691i	-0.0509-1.1324i	-1.9859+1.2519i	-2.8773-2.1398i	0.1739-0.1549i	-0.0715-0.9607i	-0.5467+0.7705i	-0.9563+0.3993i
38.8	1.6813+0.4832i	-0.0947-1.1403i	-1.8409+1.5660i	-2.9926-2.0606i	0.1960-0.1694i	-0.1074-0.9689i	-0.4423+0.7722i	-0.9040+0.4247i
38.9	1.6748+0.4073i	-0.1510-1.1552i	-1.6521+1.8386i	-3.0474-1.9630i	0.2048-0.1820i	-0.1456-0.9763i	-0.3662+0.7627i	-0.8557+0.4541i
39.0	1.6516+0.3526i	-0.2271-1.1235i	-1.3816+2.0505i	-3.0812-1.9125i	0.2010-0.2119i	-0.1601-0.9827i	-0.2651+0.7337i	-0.7640+0.4754i
39.1	1.5965+0.3166i	-0.2894-1.0846i	-1.0542+2.1237i	-3.0922-1.8942i	0.1919-0.2391i	-0.1531-0.9954i	-0.1854+0.6635i	-0.6833+0.4564i
39.2	1.5660+0.3176i	-0.3559-1.0232i	-0.8018+2.1232i	-3.0345-1.9196i	0.1752-0.2569i	-0.1697-1.0506i	-0.1521+0.5832i	-0.6502+0.4120i
39.3	1.5602+0.3677i	-0.4037-0.9402i	-0.6237+2.0243i	-3.0556-2.0892i	0.1475-0.2822i	-0.2041-1.1062i	-0.1382+0.5441i	-0.6326+0.4218i
39.4	1.5982+0.3922i	-0.4363-0.8999i	-0.5118+1.8996i	-3.2066-2.1340i	0.1124-0.2918i	-0.2735-1.1488i	-0.1313+0.4776i	-0.5907+0.4017i
39.5	1.6359+0.3797i	-0.4491-0.8394i	-0.4008+1.8402i	-3.4051-2.1251i	0.0901-0.2722i	-0.3603-1.1462i	-0.1567+0.4242i	-0.5554+0.3728i
39.6	1.6528+0.3835i	-0.4749-0.7655i	-0.3289+1.7034i	-3.4763-2.1199i	0.0797-0.2561i	-0.3999-1.1124i	-0.1887+0.4283i	-0.5249+0.3686i
39.7	1.6794+0.3798i	-0.4824-0.6945i	-0.3559+1.5629i	-3.6378-2.0651i	0.0547-0.2495i	-0.4370-1.1146i	-0.1804+0.4141i	-0.4782+0.3543i
39.8	1.7583+0.3440i	-0.4579-0.6420i	-0.4819+1.6394i	-3.7693-1.9332i	0.0395-0.2359i	-0.5009-1.1157i	-0.1996+0.3760i	-0.4881+0.3162i
39.9	1.7955+0.2780i	-0.4420-0.5751i	-0.4631+1.7123i	-3.8749-1.9115i	0.0479-0.2164i	-0.5422-1.0923i	-0.2367+0.3576i	-0.4981+0.2960i
40.0	1.7853+0.2314i	-0.4462-0.5123i	-0.4175+1.7053i	-3.9490-1.9101i	0.0540-0.2052i	-0.5650-1.0874i	-0.2586+0.3646i	-0.4802+0.2798i
40.1	1.7760+0.1945i	-0.4325-0.4610i	-0.3441+1.7423i	-4.0243-1.9155i	0.0649-0.1983i	-0.6054-1.0806i	-0.2797+0.3819i	-0.4799+0.2771i
40.2	1.7602+0.1465i	-0.3701-0.4161i	-0.2741+1.7754i	-4.1876-1.8581i	0.0710-0.2124i	-0.6573-1.0573i	-0.3122+0.4101i	-0.5084+0.2800i
40.3	1.7301+0.1413i	-0.3263-0.3893i	-0.2205+1.7082i	-4.3342-1.8381i	0.0636-0.2276i	-0.6575-1.0473i	-0.2933+0.4400i	-0.5062+0.2780i
40.4	1.7485+0.2088i	-0.2802-0.3513i	-0.3714+1.6330i	-4.5482-1.8192i	0.0476-0.2431i	-0.6917-1.0587i	-0.2360+0.4832i	-0.4581+0.2865i
40.5	1.8334+0.2317i	-0.2596-0.3266i	-0.5782+1.7554i	-4.7168-1.7055i	0.0302-0.2467i	-0.7414-1.0554i	-0.1737+0.4955i	-0.4136+0.2925i
40.6	1.8841+0.2013i	-0.2298-0.3012i	-0.6741+1.9557i	-4.9022-1.6549i	0.0052-0.2418i	-0.7982-1.0295i	-0.1356+0.4822i	-0.4181+0.2683i
40.7	1.9360+0.1541i	-0.1801-0.2709i	-0.7228+2.2261i	-5.1464-1.5128i	-0.0334-0.2143i	-0.8158-0.9745i	-0.0844+0.4476i	-0.3933+0.2533i
40.8	1.9558+0.1222i	-0.1416-0.2863i	-0.6300+2.4648i	-5.2014-1.1970i	-0.0301-0.1840i	-0.8284-0.9665i	-0.0899+0.3825i	-0.3991+0.2177i
40.9	2.0439+0.0963i	-0.0941-0.2848i	-0.4370+2.7208i	-5.3126-1.0595i	-0.0300-0.1677i	-0.8465-0.9547i	-0.0684+0.3598i	-0.4008+0.2108i
41.0	2.1192+0.0031i	-0.0596-0.2852i	-0.1427+2.8660i	-5.4045-0.9251i	-0.0261-0.1555i	-0.8467-0.9601i	-0.0647+0.3200i	-0.4100+0.1982i
41.1	2.1602-0.1827i	-0.0033-0.2839i	0.1778+2.9855i	-5.5438-0.7946i	-0.0293-0.1483i	-0.8653-0.9601i	-0.0592+0.2816i	-0.4133+0.1821i
41.2	2.0459-0.2962i	0.0458-0.3188i	0.4747+3.0813i	-5.7624-0.5339i	-0.0448-0.1152i	-0.9094-0.9660i	-0.0617+0.2310i	-0.4015+0.1524i
41.3	1.9669-0.2025i	0.0619-0.3437i	0.8222+2.9555i	-5.7596-0.2360i	-0.0279-0.0851i	-0.9531-0.9601i	-0.0875+0.1852i	-0.4111+0.1413i
41.4	2.0946-0.1595i	0.0914-0.3599i	1.0145+2.8065i	-5.7574-0.0765i	-0.0103-0.0737i	-0.9772-0.9201i	-0.1116+0.1553i	-0.4267+0.1421i
41.5	2.2040-0.4099i	0.1326-0.3970i	1.2586+2.7834i	-5.9412+0.2123i	0.0027-0.0624i	-0.9879-0.9213i	-0.1411+0.0966i	-0.4360+0.1179i
41.6	2.1995-0.5623i	0.1590-0.4360i	1.4072+2.5032i	-5.8964+0.5480i	0.0182-0.0587i	-1.0346-0.9269i	-0.1669+0.0591i	-0.4311+0.1033i
41.7	2.1015-0.7053i	0.1478-0.4872i	1.4559+2.3221i	-5.7454+0.7692i	0.0232-0.0587i	-1.0527-0.9366i	-0.2069+0.0191i	-0.4435+0.0972i
41.8	1.9010-0.6971i	0.1362-0.5295i	1.5098+2.0893i	-5.5300+1.0958i	0.0326-0.0548i	-1.0760-0.9687i	-0.2829+0.0110i	-0.4600+0.0945i
41.9	1.9710-0.6959i	0.1272-0.5328i	1.1794+2.0147i	-5.3263+0.9532i	0.0382-0.0571i	-1.1007-0.9619i	-0.3016+0.0152i	-0.4450+0.0802i
42.0	1.8559-0.8117i	0.1141-0.5725i	1.2594+2.2070i	-5.5093+1.0499i	0.0360-0.0347i	-1.1601-1.0207i	-0.3490-0.0536i	-0.4541+0.0287i
42.1	1.8236-0.8597i	0.0883-0.5959i	1.3420+2.2966i	-5.4767+1.2699i	0.0534-0.0126i	-1.2460-1.0483i	-0.4214-0.0953i	-0.4836-0.0126i
42.2	1.7044-1.0563i	0.0346-0.5905i	1.5236+2.5060i	-5.1844+1.3399i	0.0825-0.0160i	-1.3674-1.0570i	-0.5538-0.1083i	-0.5491-0.0352i
42.3	1.4723-1.0829i	0.0358-0.5785i	1.9010+2.5237i	-5.2601+1.2240i	0.0763-0.0079i	-1.4886-1.0434i	-0.6408-0.1081i	-0.6024-0.0503i
42.4	1.3260-1.0518i	0.0373-0.6119i	2.2129+2.3733i	-5.4785+1.5208i	0.0946+0.0401i	-1.6302-1.0221i	-0.7821-0.1607i	-0.6924-0.0679i
42.5	1.1540-0.9916i	-0.0014-0.6260i	2.4284+2.1344i	-5.3109+1.8634i	0.1486+0.0580i	-1.7251-0.9402i	-0.9524-0.0942i	-0.7597-0.0262i
42.6	1.0433-0.8678i	-0.0059-0.6449i	2.6735+1.8171i	-5.3378+2.1237i	0.1826+0.0704i	-1.8561-0.8620i	-1.0870+0.0056i	-0.7864-0.0108i
42.7	1.0093-0.7398i	-0.1038-0.6369i	2.6190+1.3866i	-4.7549+2.4770i	0.2768+0.0554i	-2.0329-0.7130i	-1.2982+0.1862i	-0.8849+0.0524i
42.8	1.0428-0.6453i	-0.1130-0.5207i	2.2929+1.2539i	-4.3361+1.8815i	0.3169-0.0136i	-2.0364-0.5149i	-1.2926+0.4566i	-0.8823+0.1197i
42.9	1.0386-0.5985i	-0.0381-0.5279i	2.3195+1.3512i	-4.8819+1.7206i	0.3143-0.0217i	-2.0275-0.4055i	-1.2281+0.5523i	-0.9018+0.1413i
43.0	0.9897-0.5737i	-0.0555-0.5897i	2.5280+1.2791i	-5.0751+2.1753i	0.3466-0.0269i	-2.0843-0.3465i	-1.2836+0.6162i	-0.9844+0.1798i
43.1	0.8430-0.5357i	-0.0812-0.5820i	2.7172+1.0847i	-4.9168+2.5160i	0.3947-0.0536i	-2.1387-0.2205i	-1.3610+0.7824i	-1.0459+0.2458i
43.2	0.5544-0.3321i	-0.1150-0.5396i	2.8527+0.6997i	-4.6033+2.6493i	0.4301-0.1022i	-2.1710-0.0702i	-1.3842+1.0371i	-1.0712+0.3570i
43.3	0.7046+0.2296i	-0.1188-0.4555i	2.5157+0.2291i	-4.2552+2.3951i	0.4479-0.1619i	-2.1564+0.1159i	-1.2685+1.2970i	-1.0572+0.4672i
43.4	1.3098+0.2461i	-0.0436-0.3804i	2.0010+0.4370i	-4.2460+1.8144i	0.4428-0.2635i	-2.0404+0.2593i	-1.0211+1.4749i	-0.9903+0.5390i

43.5	1.5184+0.0077i	0.0507-0.3920i	1.9777+0.6513i	-4.6925+1.4808i	0.3710-0.3369i	-1.9563+0.3036i	-0.7538+1.5412i	-0.9294+0.5867i
43.6	1.4061-0.2768i	0.0745-0.4909i	2.2005+0.7698i	-5.2549+1.9866i	0.3335-0.3565i	-1.9595+0.3235i	-0.6391+1.5076i	-0.9441+0.6096i
43.7	1.1011-0.1917i	0.0213-0.5408i	2.5095+0.4558i	-5.2750+2.7308i	0.2983-0.3839i	-2.0018+0.4709i	-0.5481+1.5704i	-0.9697+0.7369i
43.8	1.1478+0.1491i	0.0061-0.5123i	2.3203+0.0551i	-5.0232+3.0614i	0.2590-0.3769i	-1.9382+0.6079i	-0.3838+1.5525i	-0.9077+0.8280i
43.9	1.5268+0.3458i	0.0011-0.4785i	1.7191-0.0720i	-4.5777+3.1558i	0.2461-0.3762i	-1.8207+0.7392i	-0.1939+1.5114i	-0.8175+0.9317i
44.0	1.7631+0.1927i	0.0341-0.4335i	1.5332+0.3385i	-4.4125+2.9610i	0.2181-0.3933i	-1.6924+0.8515i	-0.0359+1.4151i	-0.7001+0.9792i
44.1	2.0132+0.0291i	0.1539-0.4579i	1.6259+0.5064i	-4.7192+2.7167i	0.1737-0.3808i	-1.4800+0.8670i	0.0522+1.1856i	-0.5696+0.9383i
44.2	2.1861-0.3858i	0.1744-0.5892i	1.5081+0.7370i	-5.2315+3.1695i	0.1723-0.3534i	-1.3802+0.8032i	-0.1253+1.0271i	-0.5325+0.9101i
44.3	1.8934-0.6531i	0.0993-0.6084i	1.8165+1.0289i	-5.0113+3.7477i	0.1813-0.3448i	-1.3308+0.7655i	-0.2518+1.1430i	-0.4938+0.9285i
44.4	1.4618-0.4964i	0.1028-0.5432i	2.5077+0.7192i	-4.7813+3.6483i	0.1468-0.3465i	-1.2918+0.7539i	-0.1378+1.2424i	-0.4176+0.9396i
44.5	1.5104-0.2081i	0.1266-0.5931i	2.4667+0.1028i	-4.6871+4.0211i	0.1458-0.3181i	-1.2597+0.7100i	-0.0638+1.2362i	-0.3312+0.8941i
44.6	1.6664-0.1508i	0.1010-0.6022i	2.1653-0.1189i	-4.2872+4.4416i	0.1673-0.3019i	-1.2847+0.7077i	0.0102+1.2819i	-0.2759+0.8788i
44.7	1.8282-0.1851i	0.1595-0.5981i	1.9419-0.1312i	-4.0094+4.4539i	0.1977-0.2893i	-1.2579+0.7384i	0.1094+1.1767i	-0.2175+0.8278i
44.8	2.0103+0.0203i	0.1750-0.6109i	1.4855-0.4138i	-3.7776+4.5054i	0.2635-0.2723i	-1.2222+0.7384i	0.1490+1.0923i	-0.1975+0.7884i
44.9	2.4420-0.2082i	0.2276-0.6147i	0.8816+0.2035i	-3.7106+4.0508i	0.2968-0.3389i	-1.2056+0.7280i	0.1727+0.9648i	-0.1724+0.7297i
45.0	2.3334-0.6660i	0.2408-0.7539i	1.3195+0.7520i	-3.9176+4.2497i	0.2782-0.4009i	-1.2015+0.7844i	0.0519+0.9233i	-0.1963+0.6886i
45.1	2.2749-0.8498i	0.1797-0.8078i	1.5715+1.1059i	-3.6466+4.4804i	0.2848-0.4522i	-1.1461+0.8016i	0.0308+0.9262i	-0.1518+0.6863i
45.2	2.1238-0.9354i	0.1598-0.8715i	2.0585+0.9288i	-3.8235+4.7697i	0.2657-0.4765i	-1.1456+0.7575i	-0.0349+0.8942i	-0.1561+0.6476i
45.3	2.0234-0.8732i	0.0501-0.9085i	2.1251+0.6088i	-3.4831+5.2859i	0.2733-0.4591i	-1.1699+0.7477i	-0.0968+0.9410i	-0.2016+0.6418i
45.4	1.9229-0.6896i	-0.0223-0.8515i	2.0634+0.0954i	-2.9411+5.3915i	0.2973-0.4667i	-1.1643+0.7505i	-0.0729+1.0149i	-0.1974+0.6412i
45.5	2.1328-0.6982i	-0.0217-0.7807i	1.6655+0.2763i	-2.3210+4.8366i	0.3063-0.5944i	-1.1237+0.7914i	0.0062+1.0042i	-0.1763+0.6253i
45.6	2.2906-1.1491i	0.0397-0.8034i	1.9601+0.9169i	-2.6158+4.4574i	0.2465-0.7032i	-1.1401+0.8121i	-0.0646+0.8901i	-0.1806+0.5992i
45.7	1.9037-1.4842i	-0.0101-0.8303i	2.6669+0.9464i	-2.2552+4.3573i	0.1207-0.8067i	-1.1002+0.9301i	-0.1127+0.9360i	-0.1961+0.5745i
45.8	2.0985-1.4218i	-0.0237-0.7786i	2.4477+1.1494i	-2.0098+4.0403i	0.0659-0.8641i	-1.0876+1.0173i	-0.0924+0.9714i	-0.1733+0.6099i
45.9	2.2374-1.5865i	-0.0398-0.8063i	2.5884+1.3562i	-2.1101+4.1809i	0.0108-0.8634i	-1.1099+1.0587i	-0.1653+1.0144i	-0.1614+0.6374i
46.0	2.0577-1.9037i	-0.0386-0.7844i	3.2559+1.3233i	-2.0168+3.9987i	-0.1142-0.8690i	-0.9991+1.1404i	-0.1565+1.0789i	-0.1121+0.5992i
46.1	1.6616-1.8322i	-0.0024-0.7897i	3.6363+0.4729i	-2.3493+3.9306i	-0.1881-0.7653i	-0.8638+1.0907i	-0.1989+1.1660i	-0.1212+0.5884i
46.2	1.5211-1.8062i	0.0284-0.8540i	3.6063+0.0011i	-2.4412+4.1132i	-0.2274-0.7460i	-0.7973+1.0334i	-0.1608+1.2185i	-0.1219+0.5722i
46.3	1.7449-1.7381i	-0.0193-0.8475i	3.1722+0.2545i	-2.0889+4.1756i	-0.2484-0.7635i	-0.8059+1.0367i	-0.0569+1.3036i	-0.0877+0.5784i
46.4	1.7666-2.1405i	0.0070-0.7611i	3.8620+0.6005i	-2.2512+3.6563i	-0.3645-0.7669i	-0.7865+0.9833i	-0.0716+1.2253i	-0.0530+0.5268i
46.5	1.2194-2.3330i	0.0791-0.8765i	4.6248-0.4120i	-2.7446+3.9109i	-0.4979-0.6461i	-0.8519+0.9629i	-0.2306+1.2874i	-0.1028+0.4519i
46.6	0.9964-2.2920i	0.0761-0.9315i	4.5279-1.0721i	-2.7476+4.2214i	-0.5235-0.5742i	-0.8740+1.0806i	-0.2249+1.4496i	-0.1528+0.4495i
46.7	0.9935-2.2870i	0.1086-0.8866i	4.2609-1.1536i	-2.5921+4.0880i	-0.5372-0.5464i	-0.7836+1.2198i	-0.1147+1.4949i	-0.1761+0.4694i
46.8	0.6967-2.2411i	0.1164-1.0003i	4.1007-1.6784i	-2.8279+4.4065i	-0.5715-0.3835i	-0.5996+1.1941i	-0.0943+1.6588i	-0.2246+0.4898i
46.9	0.3787-2.1819i	0.0671-1.1199i	4.0026-2.1657i	-2.8661+4.8630i	-0.5516-0.2448i	-0.4943+1.1128i	-0.0475+1.8364i	-0.2491+0.5325i
47.0	0.2783-2.0441i	0.0858-1.1474i	3.8565-2.5041i	-2.8374+5.0302i	-0.4955-0.2284i	-0.5501+1.0551i	0.1013+1.8924i	-0.2219+0.5510i
47.1	0.1128-1.7492i	0.0289-1.2762i	3.2446-3.1308i	-2.7709+5.4097i	-0.4987-0.1523i	-0.5595+1.1014i	0.2137+2.0034i	-0.2311+0.5653i
47.2	0.0557-1.7465i	-0.1787-1.4374i	2.6573-3.2586i	-2.2472+6.0944i	-0.4916-0.0606i	-0.4256+1.2112i	0.3924+2.1745i	-0.2388+0.6115i
47.3	0.2187-1.6591i	-0.3273-1.3613i	2.1603-2.8376i	-1.5031+5.9759i	-0.4190-0.0782i	-0.3230+1.1738i	0.6602+2.1201i	-0.1734+0.6247i
47.4	0.3631-1.5791i	-0.4331-1.2002i	1.8184-2.3654i	-0.8916+5.5410i	-0.3416-0.0720i	-0.2486+1.1005i	0.9416+2.0330i	-0.1224+0.6369i
47.5	0.4675-1.4436i	-0.4014-1.0497i	1.6279-2.0855i	-0.7458+5.0846i	-0.2264-0.0561i	-0.2442+0.9431i	1.1905+1.8969i	-0.0632+0.6247i
47.6	0.2465-1.8362i	-0.3278-1.0358i	2.1551-2.0270i	-1.0565+4.8827i	-0.1909+0.0181i	-0.2028+0.7915i	1.2816+1.8295i	-0.0733+0.5886i
47.7	-0.1923-1.8590i	-0.3004-1.0799i	2.3462-2.3886i	-1.1001+4.9955i	-0.1486+0.0048i	-0.2471+0.7515i	1.3788+1.6860i	-0.0863+0.5669i
47.8	-0.7315-1.3732i	-0.3320-1.1992i	1.9958-3.2194i	-0.9789+5.3154i	-0.0833+0.0486i	-0.2133+0.6755i	1.5447+1.5449i	-0.0805+0.5513i
47.9	-0.7156-1.1686i	-0.4211-1.2584i	1.5522-3.0967i	-0.6305+5.3076i	-0.0273+0.0241i	-0.2449+0.6044i	1.6011+1.3701i	-0.0752+0.5328i
48.0	-1.0266-0.9903i	-0.5503-1.2993i	1.4984-3.3229i	-0.5188+5.2867i	-0.0104+0.0073i	-0.3288+0.5631i	1.6296+1.2250i	-0.0835+0.5193i
48.1	-0.6703-0.6041i	-0.6047-1.1963i	0.8929-3.0699i	-0.2664+5.0274i	0.0170-0.0886i	-0.3879+0.6076i	1.6285+1.0256i	-0.0927+0.5409i
48.2	-0.3125-0.6426i	-0.5754-1.1564i	0.7709-2.5977i	-0.2784+4.8270i	-0.0016-0.1581i	-0.4431+0.6028i	1.5157+0.8658i	-0.0907+0.5521i
48.3	-0.2091-0.6649i	-0.6789-1.1200i	0.6179-2.3595i	-0.0909+4.8310i	-0.0378-0.1849i	-0.4893+0.6421i	1.4114+0.8222i	-0.0622+0.5707i
48.4	-0.3902-0.9623i	-0.6692-1.0942i	0.8817-2.1069i	-0.0198+4.6463i	-0.1084-0.1332i	-0.4720+0.6832i	1.4011+0.7840i	-0.0379+0.5121i
48.5	-0.5151-0.8065i	-0.6693-1.0111i	1.0065-2.0022i	-0.0181+4.3388i	-0.0582-0.1576i	-0.5221+0.6652i	1.3403+0.6469i	-0.0541+0.4881i
48.6	-0.7870-0.5724i	-0.6737-0.9891i	1.1476-2.2421i	-0.1147+4.2176i	-0.0532-0.1392i	-0.5077+0.6695i	1.2592+0.6598i	-0.0619+0.5084i
48.7	-0.8005-0.1704i	-0.6579-1.0249i	0.9959-2.5214i	-0.1335+4.3158i	-0.0447-0.1391i	-0.5061+0.7002i	1.2150+0.6904i	-0.0526+0.5137i
48.8	-0.4246+0.0427i	-0.6817-1.0697i	0.6247-2.4787i	-0.0421+4.4190i	-0.0571-0.1559i	-0.5233+0.7653i	1.1730+0.6736i	-0.0371+0.4971i
48.9	-0.1346-0.0197i	-0.7252-1.0270i	0.4207-2.1280i	0.0935+4.2630i	-0.0763-0.1510i	-0.4920+0.8298i	1.1596+0.7050i	-0.0281+0.4867i
49.0	-0.0493-0.0603i	-0.7348-0.9446i	0.4549-1.8521i	0.1613+3.8815i	-0.0702-0.1379i	-0.4301+0.8220i	1.2019+0.7546i	-0.0305+0.4785i
49.1	0.0099-0.0687i	-0.7550-0.9941i	0.5119-1.8229i	-0.0543+3.8715i	-0.0529-0.1007i	-0.3956+0.7988i	1.2542+0.7492i	-0.0544+0.4594i
49.2	0.0550-0.1886i	-0.8253-0.9876i	0.5454-1.6722i	-0.0758+4.0508i	0.0152-0.1046i	-0.3757+0.7469i	1.2707+0.7142i	-0.0762+0.4734i
49.3	-0.1373-0.2377i	-0.8485-0.9053i	0.8658-1.6181i	-0.0143+3.9757i	0.0702-0.1398i	-0.3951+0.7009i	1.3394+0.6880i	-0.0935+0.4787i
49.4	-0.2481-0.1613i	-0.8181-0.9294i	1.0375-1.8003i	-0.0035+4.0379i	0.0758-0.1778i	-0.4172+0.7013i	1.3797+0.6362i	-0.0966+0.4934i
49.5	-0.0741-0.0372i	-0.8469-0.9593i	0.7900-1.8669i	0.1098+4.0259i	0.0594-0.2289i	-0.4216+0.7043i	1.4116+0.5133i	-0.0889+0.4828i
49.6	0.0479-0.1870i	-0.8424-0.9323i	0.8744-1.5355i	0.0555+3.8131i	0.0074-0.2673i	-0.4449+0.6982i	1.3726+0.4240i	-0.0813+0.4715i
49.7	-0.1962-0.1640i	-0.8324-0.9289i	1.2859-1.7308i	-0.1587+3.7498i	-0.0085-0.2458i	-0.4672+0.6572i	1.3356+0.3642i	-0.0996+0.4745i

49.8	-0.4178+0.1382i	-0.8455-0.9764i	1.4052-2.3557i	-0.3383+3.9386i	0.0071-0.2289i	-0.5534+0.5808i	1.3184+0.3422i	-0.0817+0.4896i
49.9	-0.1974+0.4735i	-0.9590-1.0174i	0.8484-2.6727i	-0.0693+4.3004i	0.0068-0.2502i	-0.6686+0.6442i	1.2587+0.3062i	-0.0751+0.4927i
50.0	0.0797+0.3818i	-1.0871-0.9546i	0.5182-2.2929i	0.1585+4.1868i	-0.0034-0.2344i	-0.6499+0.7179i	1.1984+0.2837i	-0.0790+0.4819i
50.1	0.0211+0.3574i	-1.1126-0.9506i	0.6835-2.2637i	0.2335+4.1742i	0.0044-0.2252i	-0.6868+0.7572i	1.1908+0.3078i	-0.0934+0.4900i
50.2	0.1632+0.4493i	-1.0873-0.8762i	0.5597-2.2821i	0.2718+4.0737i	0.0068-0.2260i	-0.7588+0.8259i	1.1867+0.3326i	-0.0853+0.4870i
50.3	0.3728+0.5434i	-1.1043-0.7579i	0.2288-2.3031i	0.3630+3.9147i	0.0269-0.2240i	-0.7791+0.8811i	1.1925+0.3296i	-0.0910+0.4799i
50.4	0.5186+0.4379i	-1.1132-0.6882i	0.1032-1.9438i	0.4119+3.7121i	0.0540-0.2220i	-0.7622+0.9222i	1.1794+0.3539i	-0.1151+0.4814i
50.5	0.3702+0.3521i	-1.0644-0.6852i	0.4991-1.9830i	0.1349+3.6793i	0.0777-0.2012i	-0.7050+0.8742i	1.2024+0.3709i	-0.1288+0.4962i
50.6	0.2826+0.4081i	-1.1750-0.7075i	0.4390-2.2652i	0.1610+3.9130i	0.1007-0.1830i	-0.7265+0.8703i	1.2083+0.3479i	-0.1382+0.4979i
50.7	0.3792+0.3839i	-1.2730-0.6531i	0.3309-2.1429i	0.4267+3.9899i	0.1375-0.2069i	-0.7610+0.9469i	1.2258+0.3412i	-0.1296+0.4991i
50.8	0.3494+0.2806i	-1.2453-0.5831i	0.5141-2.0478i	0.3690+3.8925i	0.1697-0.2489i	-0.7629+1.0164i	1.2562+0.3228i	-0.1333+0.5149i
50.9	0.1952+0.3072i	-1.3175-0.5428i	0.7009-2.2841i	0.2608+4.0065i	0.1833-0.2551i	-0.7537+1.0603i	1.2879+0.2949i	-0.1519+0.5206i
51.0	0.3204+0.4641i	-1.3478-0.4697i	0.4347-2.3533i	0.3756+3.9936i	0.1945-0.2969i	-0.7763+1.1000i	1.3067+0.2823i	-0.1508+0.5232i
51.1	0.5578+0.4811i	-1.1804-0.3992i	0.2433-2.1388i	0.3671+3.9866i	0.1965-0.3728i	-0.8620+1.1791i	1.3313+0.2570i	-0.1364+0.5484i
51.2	0.5789+0.4349i	-1.1949-0.3845i	0.1982-2.2056i	0.4028+4.1236i	0.1617-0.3923i	-0.8211+1.3289i	1.3245+0.1976i	-0.1413+0.5536i
51.3	0.5448+0.4656i	-1.2161-0.3357i	0.1573-2.2402i	0.5039+3.9929i	0.1734-0.4049i	-0.7795+1.4167i	1.3438+0.1623i	-0.1575+0.5584i
51.4	0.4933+0.5736i	-1.1942-0.2903i	0.0872-2.4211i	0.5953+4.0578i	0.2140-0.4141i	-0.7625+1.5179i	1.3925+0.1254i	-0.1632+0.5705i
51.5	0.6774+0.5672i	-1.1625-0.2451i	-0.0528-2.1695i	0.6946+3.9509i	0.2246-0.4783i	-0.6201+1.6011i	1.3675+0.0652i	-0.1812+0.5790i
51.6	0.6439+0.4090i	-1.1370-0.2011i	0.1927-2.1577i	0.6069+3.9703i	0.1864-0.5000i	-0.4980+1.6600i	1.3580-0.0167i	-0.2056+0.6030i
51.7	0.6530+0.4389i	-1.1102-0.1477i	0.1582-2.2896i	0.6198+3.9337i	0.1491-0.5175i	-0.3860+1.6905i	1.2802-0.0447i	-0.2062+0.6538i
51.8	0.7269+0.5069i	-1.0758-0.1226i	0.0016-2.3301i	0.7024+3.8954i	0.1513-0.5354i	-0.2859+1.6386i	1.1933-0.0195i	-0.2081+0.6751i
51.9	0.7938+0.4184i	-1.0197-0.1689i	-0.1129-2.2192i	0.7365+4.0305i	0.1561-0.5281i	-0.2117+1.6243i	1.1519+0.0399i	-0.2196+0.7154i
52.0	0.6241+0.2620i	-1.0338-0.1199i	0.0613-2.2313i	0.7927+4.0274i	0.1872-0.5094i	-0.1616+1.5752i	1.2154+0.1274i	-0.1926+0.7648i
52.1	0.5635+0.2825i	-0.9984-0.0589i	0.0365-2.2784i	0.9322+3.9840i	0.2252-0.5373i	-0.1553+1.5498i	1.3274+0.1935i	-0.1635+0.7706i
52.2	0.4982+0.3583i	-0.9390-0.0342i	0.0115-2.3771i	0.9872+3.9367i	0.2590-0.5888i	-0.1266+1.5516i	1.4547+0.1617i	-0.1598+0.7808i
52.3	0.5056+0.5831i	-0.8914-0.0584i	-0.2205-2.5332i	1.0225+3.9299i	0.3081-0.6742i	-0.1513+1.5614i	1.6107+0.0342i	-0.1516+0.8095i
52.4	0.6660+0.4822i	-0.9324-0.0880i	-0.2526-2.2532i	1.1255+3.7611i	0.3261-0.7820i	-0.0924+1.5516i	1.6572-0.1097i	-0.1572+0.8432i
52.5	0.5321+0.4303i	-0.9003-0.0703i	-0.1454-2.3144i	1.0479+3.6641i	0.3126-0.9019i	-0.0914+1.5718i	1.7066-0.2391i	-0.1403+0.8958i
52.6	0.4274+0.6756i	-0.8458-0.0636i	-0.2689-2.3992i	1.0984+3.6669i	0.2756-1.0700i	-0.0614+1.6449i	1.6581-0.4522i	-0.1193+0.9482i
52.7	0.6511+0.7829i	-0.7765-0.0158i	-0.4176-2.2909i	0.9872+3.6124i	0.1434-1.2061i	-0.0150+1.6401i	1.5103-0.6474i	-0.0836+0.9805i
52.8	0.6247+0.6189i	-0.7288-0.0123i	-0.1573-2.2409i	0.7795+3.7429i	-0.0401-1.2976i	0.0018+1.5937i	1.3201-0.7620i	-0.0494+1.0578i
52.9	0.4875+0.6826i	-0.7002-0.0562i	-0.0640-2.5166i	0.7743+3.8982i	-0.2442-1.2636i	0.0370+1.6440i	1.0561-0.7157i	0.0456+1.1264i
53.0	0.5426+0.8910i	-0.6824-0.1225i	-0.3052-2.7603i	0.9431+4.0964i	-0.3290-1.1633i	0.0649+1.6866i	0.9959-0.4818i	0.1617+1.1110i
53.1	0.5554+1.0945i	-0.7219-0.1413i	-0.6081-2.9544i	1.3752+4.2205i	-0.3250-1.1484i	0.1417+1.7176i	1.0980-0.4039i	0.2691+1.0699i
53.2	0.7546+1.1852i	-0.7314-0.1498i	-0.8948-2.8443i	1.4947+4.1510i	-0.3719-1.1953i	0.1981+1.8118i	1.1771-0.4125i	0.3240+1.0404i
53.3	1.1031+1.1066i	-0.7315-0.1291i	-1.1320-2.4469i	1.4977+3.9695i	-0.5533-1.1415i	0.4413+1.8136i	1.1722-0.4251i	0.3799+0.9336i
53.4	1.1780+0.9631i	-0.6987-0.1289i	-1.0874-2.2458i	1.5864+3.8426i	-0.6511-1.0761i	0.5944+1.6936i	1.2058-0.4348i	0.3668+0.8618i
53.5	1.0150+0.9259i	-0.7180-0.1705i	-0.9429-2.3431i	1.7519+3.8607i	-0.6825-0.9887i	0.6824+1.4908i	1.3084-0.4373i	0.3530+0.8237i
53.6	1.1263+1.0748i	-0.7779-0.1524i	-1.1780-2.3972i	1.8474+3.6534i	-0.6850-0.9372i	0.6242+1.3704i	1.3919-0.5488i	0.3102+0.8026i
53.7	1.2861+0.9789i	-0.7437-0.0603i	-1.2213-2.1625i	1.7714+3.5011i	-0.6536-0.8960i	0.5305+1.2885i	1.4470-0.7214i	0.2716+0.8232i
53.8	1.2150+0.8221i	-0.6838-0.0767i	-0.9593-2.0288i	1.7621+3.4824i	-0.6484-0.8970i	0.4580+1.2764i	1.3457-0.9671i	0.2416+0.9119i
53.9	1.0989+0.8677i	-0.6888-0.1142i	-0.8832-2.1685i	1.8969+3.4521i	-0.6610-0.9209i	0.3768+1.3148i	1.2219-1.0915i	0.2836+0.9581i
54.0	1.1701+0.9408i	-0.6735-0.1348i	-1.0778-2.1362i	1.9220+3.3701i	-0.7137-0.9386i	0.3221+1.4556i	1.0175-1.1656i	0.3577+0.9789i
54.1	1.2415+0.9290i	-0.6238-0.1441i	-1.1021-1.9436i	1.7413+3.3638i	-0.7821-0.8835i	0.4404+1.5559i	0.8127-1.1073i	0.4027+0.9689i
54.2	1.1812+0.9265i	-0.6038-0.2127i	-0.7320-1.9783i	1.7746+3.4338i	-0.8183-0.8082i	0.6362+1.4667i	0.6969-1.0058i	0.4252+0.9709i
54.3	1.1764+1.0587i	-0.6308-0.2700i	-0.7671-2.3521i	2.0067+3.3618i	-0.7796-0.7388i	0.6388+1.3699i	0.6370-0.9061i	0.5174+0.9824i
54.4	1.2614+1.1159i	-0.6723-0.2856i	-0.9680-2.4574i	2.0621+3.2368i	-0.7197-0.7353i	0.6339+1.3357i	0.6532-0.8499i	0.5663+0.9324i
54.5	1.4201+1.1359i	-0.6881-0.2434i	-1.1824-2.4629i	1.9328+3.1867i	-0.7190-0.7921i	0.6085+1.3043i	0.6813-0.8323i	0.5920+0.8906i
54.6	1.5987+1.1965i	-0.7646-0.2303i	-1.5262-2.4712i	1.9521+3.0551i	-0.7784-0.9061i	0.5728+1.3436i	0.6690-0.8681i	0.6200+0.8797i
54.7	1.6228+1.1008i	-0.7823-0.2430i	-1.5235-2.3264i	2.0217+2.9557i	-0.8369-0.9386i	0.6327+1.3434i	0.6366-0.8784i	0.6345+0.8697i
54.8	1.5680+1.0894i	-0.7547-0.2424i	-1.4297-2.3704i	1.9907+2.8360i	-0.9487-0.9182i	0.6389+1.3311i	0.5891-0.8657i	0.6925+0.8748i
54.9	1.6041+1.1511i	-0.7423-0.2450i	-1.5428-2.4540i	2.0760+2.7656i	-1.0225-0.9005i	0.6507+1.3687i	0.5298-0.8401i	0.7652+0.8469i
55.0	1.7506+1.1731i	-0.7878-0.2515i	-1.8172-2.3833i	2.0720+2.6105i	-1.0958-0.8700i	0.7140+1.4417i	0.4804-0.8011i	0.8196+0.7872i
55.1	1.8523+1.1132i	-0.8071-0.2429i	-1.9338-2.2212i	1.9327+2.5559i	-1.1503-0.8273i	0.8129+1.4226i	0.4612-0.7622i	0.8491+0.7374i
55.2	1.9363+1.0723i	-0.7965-0.2353i	-2.0606-2.0632i	1.8654+2.5589i	-1.2156-0.8021i	0.9103+1.4209i	0.4602-0.7512i	0.8979+0.6822i
55.3	1.9818+1.0349i	-0.8012-0.2203i	-2.1118-1.9067i	1.7957+2.4861i	-1.2704-0.7570i	1.0240+1.3401i	0.5071-0.7454i	0.8932+0.5881i
55.4	2.0021+0.9900i	-0.8293-0.2298i	-2.0443-1.7915i	1.7101+2.4871i	-1.3182-0.7345i	1.0801+1.1773i	0.5382-0.7668i	0.8558+0.5208i
55.5	1.9793+0.9726i	-0.8056-0.2626i	-1.8310-1.8864i	1.6781+2.6306i	-1.3813-0.7277i	1.0165+0.9329i	0.5411-0.8820i	0.8283+0.5401i
55.6	2.0610+0.9921i	-0.7881-0.2534i	-2.0310-1.9828i	1.6781+2.6084i	-1.4855-0.6785i	0.8553+0.8943i	0.4220-0.9465i	0.8695+0.5037i
55.7	2.1411+0.9516i	-0.8296-0.2418i	-2.2400-1.9018i	1.6953+2.5800i	-1.5677-0.5927i	0.7588+0.9114i	0.3112-0.9349i	0.8829+0.4285i
55.8	2.1820+0.9175i	-0.8369-0.2113i	-2.3405-1.8055i	1.6412+2.4982i	-1.6212-0.4689i	0.6974+0.9550i	0.2415-0.8754i	0.8585+0.3705i
55.9	2.1939+0.8214i	-0.8465-0.1732i	-2.3504-1.6301i	1.7196+2.5518i	-1.6630-0.3397i	0.6626+1.0408i	0.1650-0.8206i	0.8239+0.3355i
56.0	2.2316+0.7687i	-0.8452-0.1785i	-2.3132-1.4827i	1.5767+2.5145i	-1.7100-0.2218i	0.6804+1.0897i	0.1237-0.7614i	0.8031+0.2957i

56.1	2.2190+0.7727i	-0.8654-0.1656i	-2.2312-1.5363i	1.4679+2.3828i	-1.7726-0.1124i	0.6124+1.1190i	0.0924-0.7300i	0.8050+0.3047i
56.2	2.2633+0.7774i	-0.8931-0.1790i	-2.2976-1.5436i	1.4732+2.4381i	-1.7788+0.0196i	0.6189+1.2346i	0.0571-0.6653i	0.7791+0.2528i
56.3	2.2548+0.7336i	-0.8579-0.1887i	-2.3418-1.4656i	1.5033+2.5996i	-1.6855+0.1496i	0.6940+1.3053i	0.0349-0.5787i	0.7144+0.2094i
56.4	2.2577+0.6865i	-0.7919-0.1673i	-2.3650-1.3355i	1.5853+2.7373i	-1.6183+0.2354i	0.7616+1.3449i	0.0631-0.4980i	0.6736+0.2006i
56.5	2.2999+0.6932i	-0.8167-0.2047i	-2.3810-1.3143i	1.7234+2.6752i	-1.5946+0.3043i	0.8346+1.3496i	0.1002-0.4203i	0.6658+0.1981i
56.6	2.3126+0.6923i	-0.8294-0.2324i	-2.4143-1.3149i	1.8301+2.6124i	-1.5516+0.3525i	0.8956+1.3499i	0.1334-0.4003i	0.6391+0.2240i
56.7	2.3464+0.6713i	-0.8462-0.2540i	-2.4637-1.2686i	1.8089+2.5364i	-1.5144+0.4257i	0.9574+1.3364i	0.1603-0.3767i	0.6208+0.2193i
56.8	2.4005+0.6203i	-0.8697-0.1957i	-2.5380-1.2339i	1.5980+2.5521i	-1.4595+0.5424i	1.0197+1.3405i	0.1721-0.3687i	0.6162+0.2123i
56.9	2.4376+0.6103i	-0.9205-0.1900i	-2.6423-1.1916i	1.5920+2.4489i	-1.4058+0.5977i	1.0921+1.3460i	0.2416-0.3573i	0.6226+0.2087i
57.0	2.4579+0.5756i	-0.9301-0.2230i	-2.6810-1.1167i	1.5935+2.4557i	-1.3350+0.6458i	1.1875+1.3375i	0.2761-0.3716i	0.6045+0.2121i
57.1	2.4606+0.5270i	-0.8946-0.2372i	-2.7011-0.9692i	1.5928+2.4619i	-1.2670+0.6594i	1.2353+1.2505i	0.3093-0.3776i	0.5628+0.2293i
57.2	2.4590+0.4911i	-0.9155-0.2529i	-2.6266-0.8716i	1.5240+2.3520i	-1.2470+0.6932i	1.2388+1.1731i	0.3290-0.4102i	0.5859+0.2530i
57.3	2.4307+0.4662i	-0.9824-0.2184i	-2.7116-0.9461i	1.4718+2.3965i	-1.1495+0.7904i	1.2737+1.2020i	0.3074-0.4456i	0.5958+0.1882i
57.4	2.4461+0.4899i	-1.0095-0.2505i	-2.7977-0.9262i	1.4494+2.3985i	-1.0928+0.8193i	1.2976+1.2011i	0.3059-0.4625i	0.5840+0.1676i
57.5	2.3971+0.5069i	-1.0177-0.3079i	-2.8180-0.8932i	1.4768+2.4914i	-1.0090+0.8039i	1.3401+1.1614i	0.2940-0.4694i	0.5385+0.1750i
57.6	2.4191+0.5129i	-1.0863-0.3651i	-2.8571-0.8339i	1.4076+2.5339i	-0.9186+0.8306i	1.4062+1.1205i	0.2524-0.4732i	0.4899+0.1716i
57.7	2.4583+0.5292i	-1.1126-0.3381i	-2.8844-0.7647i	1.3264+2.5466i	-0.8826+0.8323i	1.4081+1.0911i	0.2343-0.4601i	0.4458+0.1839i
57.8	2.4990+0.5558i	-1.2132-0.3352i	-2.9298-0.7558i	1.2005+2.5762i	-0.8366+0.8078i	1.4322+0.9909i	0.2130-0.3933i	0.4025+0.1978i
57.9	2.5511+0.5453i	-1.2552-0.3137i	-3.0213-0.7308i	1.1147+2.7148i	-0.7527+0.8225i	1.4649+0.9928i	0.2591-0.3550i	0.3528+0.2444i
58.0	2.5960+0.4817i	-1.3548-0.3035i	-3.1309-0.6438i	1.1643+3.0921i	-0.6480+0.7787i	1.5481+1.0147i	0.3098-0.3908i	0.3227+0.3229i
58.1	2.5828+0.4483i	-1.3908-0.2916i	-3.1989-0.5261i	1.2237+3.2715i	-0.6271+0.6755i	1.5216+0.9110i	0.3506-0.4355i	0.3210+0.4367i
58.2	2.6241+0.5128i	-1.5359-0.3094i	-3.3324-0.5180i	1.2666+3.2206i	-0.6510+0.6339i	1.5342+0.8541i	0.3172-0.4446i	0.4359+0.5011i
58.3	2.6714+0.5677i	-1.6511-0.2033i	-3.6198-0.3960i	1.3234+3.3522i	-0.6392+0.6034i	1.5734+0.8592i	0.3311-0.4596i	0.4979+0.5410i
58.4	2.7296+0.5253i	-1.6772-0.1317i	-3.6870-0.0684i	1.4264+3.3510i	-0.6666+0.6117i	1.6143+0.7965i	0.3216-0.4675i	0.5655+0.5671i
58.5	2.7280+0.4781i	-1.7301-0.0846i	-3.5730+0.1919i	1.5112+3.3586i	-0.6908+0.6319i	1.5397+0.7069i	0.3094-0.4940i	0.6935+0.6403i
58.6	2.7160+0.4477i	-1.8282+0.0442i	-3.5602+0.3283i	1.6578+3.4107i	-0.6629+0.6229i	1.4590+0.6779i	0.3231-0.5055i	0.8101+0.6581i
58.7	2.7373+0.4728i	-1.9166+0.1438i	-3.6179+0.4740i	1.8180+3.5252i	-0.6747+0.6286i	1.4372+0.7426i	0.3068-0.5302i	0.8570+0.6302i
58.8	2.8141+0.4789i	-1.9856+0.3231i	-3.6231+0.7101i	1.9563+3.5477i	-0.7077+0.6492i	1.4602+0.7930i	0.2580-0.5165i	0.9620+0.5332i
58.9	2.8569+0.4535i	-2.0466+0.4562i	-3.4990+0.8451i	2.1927+3.5481i	-0.6824+0.6768i	1.5097+0.8029i	0.2437-0.4640i	0.9875+0.3735i
59.0	2.9191+0.4085i	-2.0400+0.6656i	-3.4706+1.0680i	2.3916+3.5446i	-0.7063+0.6766i	1.5483+0.8173i	0.2245-0.4808i	1.0641+0.2174i
59.1	2.9537+0.3934i	-2.0758+0.9344i	-3.5382+1.3489i	2.6014+3.5273i	-0.7656+0.7355i	1.5984+0.9140i	0.1804-0.4603i	1.1050+0.1046i
59.2	3.0090+0.3855i	-2.0754+1.0586i	-3.3190+1.4983i	2.5537+3.3524i	-0.6887+0.7865i	1.7447+0.8930i	0.2695-0.3804i	1.0791+0.0833i
59.3	3.0601+0.3015i	-1.9759+1.2562i	-3.1780+1.6121i	2.7640+3.3996i	-0.6608+0.8114i	1.8493+0.8634i	0.3218-0.4168i	1.0056+0.0395i
59.4	3.1004+0.2261i	-1.8713+1.4201i	-3.0516+1.7001i	2.9218+3.2968i	-0.6438+0.8382i	1.9598+0.7998i	0.3309-0.4587i	0.9765-0.0059i
59.5	3.0951+0.1740i	-1.6916+1.6254i	-2.8761+1.8673i	3.0922+3.0991i	-0.6217+0.8820i	2.0400+0.6961i	0.3398-0.4948i	0.9104-0.0261i
59.6	3.0644+0.1457i	-1.5441+1.7463i	-2.7719+1.8928i	3.1785+2.9997i	-0.5864+0.8983i	2.0576+0.6243i	0.3624-0.5021i	0.8763-0.0342i
59.7	3.0266+0.0836i	-1.3757+1.8778i	-2.6289+1.9432i	3.3447+2.8080i	-0.5581+0.9181i	2.0801+0.5127i	0.3719-0.4981i	0.8547-0.0709i
59.8	2.9631+0.0653i	-1.0666+2.0034i	-2.4511+2.1095i	3.4206+2.5189i	-0.5224+0.9315i	2.1032+0.4086i	0.3412-0.5486i	0.8290-0.0854i
59.9	2.9239+0.0408i	-1.4504+0.0343i	-2.8606+0.2921i	3.0982+1.4060i	-0.4782+0.9307i	2.1366+0.2686i	0.3273-0.6058i	0.7877-0.1230i
60.0	2.7377+0.0794i	1.0646+7.8420i	-0.6436+7.7818i	4.2243+4.2471i	-0.4472+0.9471i	2.1276+0.2701i	0.3153-0.6076i	0.7806-0.0909i
60.1	2.7316+0.1367i	-0.4626+5.2604i	-2.3071+5.2503i	3.4099+3.1196i	-0.4279+1.0002i	2.0962+0.2281i	0.3309-0.6480i	0.7535-0.0740i
60.2	2.7556+0.1678i	-0.1851+1.9128i	-2.0321+2.1372i	3.2594+1.6748i	-0.3231+1.0220i	2.1170+0.0675i	0.3366-0.6912i	0.6760-0.1106i
60.3	2.7931+0.2622i	0.0097+1.7552i	-1.8886+2.1962i	3.1674+1.4969i	-0.2439+1.0351i	2.0965-0.0085i	0.3282-0.7485i	0.6716-0.1022i
60.4	2.7774+0.3391i	0.0974+1.6273i	-1.8878+2.1639i	3.0657+1.3643i	-0.1896+1.0173i	2.0713-0.0789i	0.3049-0.8016i	0.6198-0.1002i
60.5	2.8141+0.4319i	0.2507+1.5699i	-1.8391+2.2002i	2.8144+1.1989i	-0.1368+0.9949i	2.0895-0.1460i	0.2372-0.8986i	0.6121-0.0566i
60.6	2.8374+0.5377i	0.4073+1.4842i	-1.9043+2.1795i	2.5702+1.0807i	-0.1069+0.9371i	2.0803-0.1907i	0.0974-0.9487i	0.7426-0.0042i
60.7	2.8902+0.5963i	0.5227+1.2693i	-1.7570+2.2000i	2.3374+1.0595i	-0.0927+0.8737i	1.9817-0.2806i	-0.0149-0.9306i	0.7707-0.0224i
60.8	3.0082+0.6657i	0.5496+1.0352i	-1.5938+2.2170i	2.0765+0.9400i	-0.1130+0.8356i	1.8822-0.3588i	-0.0718-0.8216i	0.7705-0.1570i
60.9	3.1280+0.7459i	0.5839+0.8599i	-1.5478+2.2481i	1.7467+1.0107i	-0.1386+0.8538i	1.8406-0.3762i	-0.1039-0.7701i	0.7347-0.2610i
61.0	3.2090+0.8298i	0.6230+0.6560i	-1.6045+2.2779i	1.6895+1.0864i	-0.1285+0.8883i	1.7990-0.4113i	-0.1067-0.7635i	0.6653-0.3062i
61.1	3.3015+0.8351i	0.5388+0.5336i	-1.5797+2.2630i	1.6101+1.1573i	-0.1230+0.9038i	1.7459-0.4372i	-0.1076-0.7768i	0.5151-0.2690i
61.2	3.5340+0.7478i	0.4177+0.3889i	-1.2757+2.3677i	1.3025+1.4841i	-0.0807+0.9211i	1.7224-0.4418i	-0.2010-0.7801i	0.4060-0.1475i
61.3	3.6760+0.7837i	0.3124+0.2927i	-1.2223+2.4411i	1.0303+1.4648i	-0.0213+0.9233i	1.7255-0.4651i	-0.2802-0.7742i	0.4137-0.0412i
61.4	3.7474+0.7933i	0.2338+0.2393i	-1.1688+2.5241i	0.9175+1.4674i	0.0357+0.9153i	1.7352-0.5387i	-0.3585-0.6893i	0.4970+0.0170i
61.5	3.9122+0.7401i	0.1710+0.1746i	-1.0534+2.5969i	0.7287+1.7007i	0.0813+0.9300i	1.6455-0.5801i	-0.3906-0.6119i	0.5850+0.0639i
61.6	3.9990+0.7048i	0.1025+0.1319i	-0.9451+2.6265i	0.6195+1.8750i	0.0838+0.9319i	1.5394-0.6297i	-0.4016-0.5414i	0.6480+0.0481i
61.7	4.0520+0.5844i	0.0315+0.1525i	-0.7787+2.6618i	0.6159+2.3406i	0.0974+0.9118i	1.3956-0.6356i	-0.3825-0.4494i	0.6818-0.0215i
61.8	4.1763+0.5191i	-0.0329+0.1225i	-0.6458+2.6727i	0.5171+2.5595i	0.1791+0.9437i	1.2736-0.5687i	-0.3740-0.4655i	0.6589-0.1211i
61.9	4.1479+0.4839i	-0.0040+0.1055i	-0.5677+2.6253i	0.6916+2.7563i	0.2401+0.9222i	1.1777-0.4751i	-0.3847-0.4214i	0.6210-0.1613i
62.0	4.2039+0.4786i	-0.0439+0.0775i	-0.4715+2.6617i	0.8523+2.8572i	0.2924+0.8704i	1.1841-0.2660i	-0.3479-0.4089i	0.5514-0.1632i
62.1	4.2302+0.4630i	-0.0641+0.0697i	-0.3546+2.6737i	0.9954+2.8150i	0.3342+0.8231i	1.2313-0.2046i	-0.3403-0.3657i	0.4856-0.1694i
62.2	4.3045+0.4081i	-0.1486+0.1085i	-0.2591+2.5827i	0.9875+2.9509i	0.3576+0.7548i	1.2968-0.1470i	-0.3567-0.3385i	0.3843-0.1566i
62.3	4.3025+0.3112i	-0.1048+0.1181i	-0.1312+2.4729i	1.1484+3.1799i	0.3499+0.7050i	1.3919-0.0938i	-0.3869-0.3163i	0.3533-0.0905i

62.4	4.3694+0.2993i	-0.1339+0.0766i	-0.0169+2.4187i	1.1561+3.1665i	0.3300+0.6809i	1.4786-0.0419i	-0.3842-0.3328i	0.3468-0.0031i
62.5	4.4494+0.2605i	-0.1646+0.1460i	0.0379+2.2795i	1.0176+3.2362i	0.3304+0.6373i	1.6357-0.0504i	-0.4154-0.2807i	0.3597+0.0674i
62.6	4.5084+0.2494i	-0.1711+0.1523i	0.1726+2.2776i	1.0415+3.3722i	0.3503+0.6203i	1.7519-0.0360i	-0.4538-0.2511i	0.3716+0.1405i
62.7	4.5314+0.2307i	-0.1938+0.1351i	0.2532+2.3056i	1.1884+3.5957i	0.3300+0.6243i	1.8540-0.0348i	-0.4874-0.1712i	0.3859+0.1605i
62.8	4.5562+0.1917i	-0.1597+0.1483i	0.2595+2.3611i	1.3186+3.7441i	0.3153+0.6492i	1.8659-0.0348i	-0.4543-0.1215i	0.4306+0.2573i
62.9	4.6661+0.2181i	-0.2245+0.0750i	0.2917+2.3167i	1.2740+3.7124i	0.3243+0.6659i	1.9477-0.1184i	-0.4415-0.0566i	0.4990+0.3044i
63.0	4.7284+0.2943i	-0.2616+0.0102i	0.3364+2.2431i	1.2394+3.6165i	0.3553+0.6208i	1.9906-0.2440i	-0.4089-0.0013i	0.5513+0.2900i
63.1	4.7695+0.2817i	-0.2567+0.0419i	0.4588+2.2604i	1.3436+3.8016i	0.3709+0.6340i	2.0046-0.2819i	-0.3687+0.0378i	0.5586+0.3281i
63.2	4.9000+0.2358i	-0.3686+0.0387i	0.4813+2.2134i	1.4242+4.0030i	0.3806+0.6531i	2.0477-0.3309i	-0.3124+0.1144i	0.5987+0.3300i
63.3	4.9846+0.1591i	-0.3924+0.0823i	0.5013+2.0945i	1.4114+4.2316i	0.3868+0.6512i	2.1049-0.4345i	-0.2778+0.1814i	0.6651+0.3347i
63.4	5.0426+0.1333i	-0.3397+0.1119i	0.5917+2.0345i	1.5537+4.4415i	0.4260+0.6615i	2.1537-0.5664i	-0.2643+0.2123i	0.6995+0.3725i
63.5	5.1416+0.1393i	-0.3289+0.0821i	0.6293+1.9986i	1.7169+4.5689i	0.4625+0.6738i	2.1912-0.5896i	-0.2087+0.2389i	0.7852+0.4335i
63.6	5.2947+0.1591i	-0.4056+0.0742i	0.6418+2.0289i	1.6741+4.5774i	0.4960+0.6632i	2.2936-0.6394i	-0.1547+0.2595i	0.8626+0.4462i
63.7	5.3851+0.1448i	-0.4050+0.1034i	0.8006+1.9804i	1.7552+4.8091i	0.5372+0.6732i	2.3958-0.6799i	-0.1073+0.2981i	0.9112+0.4430i
63.8	5.4291+0.1127i	-0.4091+0.1288i	0.8428+1.9792i	1.9367+4.8871i	0.5925+0.6750i	2.4768-0.7570i	-0.0227+0.2807i	0.9401+0.4458i
63.9	5.6473+0.1323i	-0.4448+0.0717i	0.9186+1.9125i	2.0496+4.9524i	0.6264+0.6231i	2.6565-0.9656i	0.0666+0.2700i	1.0500+0.4926i
64.0	5.7019-0.0227i	-0.3632+0.0883i	0.9955+1.9081i	2.4004+5.0707i	0.7221+0.5195i	2.7069-1.2697i	0.1453+0.2763i	1.1736+0.5208i
64.1	5.7569-0.0985i	-0.3913+0.1447i	0.9882+1.8625i	2.5220+5.1607i	0.7265+0.5059i	2.6547-1.5394i	0.1831+0.2523i	1.2323+0.4853i
64.2	5.8222-0.1829i	-0.3593+0.2104i	1.0996+1.8091i	2.7545+5.3490i	0.7291+0.5479i	2.5172-1.8867i	0.2593+0.2190i	1.3431+0.4378i
64.3	5.9272-0.2276i	-0.3407+0.1930i	1.1851+1.8289i	2.8705+5.4649i	0.7254+0.5295i	2.2897-2.0157i	0.3240+0.2053i	1.4743+0.3576i
64.4	6.0181-0.1898i	-0.3573+0.1898i	1.2456+1.8429i	2.9791+5.3191i	0.7818+0.5257i	2.0825-2.1766i	0.3558+0.1425i	1.5428+0.3033i
64.5	6.2174-0.2954i	-0.3405+0.1950i	1.2947+1.8138i	3.2175+5.3864i	0.8798+0.5820i	1.7910-2.3429i	0.3549+0.0263i	1.6922+0.2156i
64.6	6.3218-0.4097i	-0.3651+0.1845i	1.3502+1.7467i	3.3598+5.3668i	0.9316+0.5468i	1.5902-2.2411i	0.3595-0.0352i	1.7279+0.1061i
64.7	6.4246-0.4736i	-0.3887+0.1482i	1.5860+1.7258i	3.3731+5.3470i	1.0383+0.4970i	1.4587-1.9995i	0.3019-0.1243i	1.7802+0.0313i
64.8	6.5303-0.4997i	-0.4145+0.1523i	1.7451+1.7525i	3.5648+5.5187i	1.1697+0.4514i	1.4395-1.8332i	0.2493-0.1072i	1.8271-0.0239i
64.9	6.7029-0.5402i	-0.4002+0.1813i	1.8835+1.6752i	3.5941+5.6660i	1.2878+0.3609i	1.5327-1.8799i	0.2365-0.0099i	1.9241-0.1169i
65.0	6.7678-0.6428i	-0.3497+0.1703i	1.9899+1.5392i	3.8644+5.6723i	1.3553+0.2370i	1.5667-1.9930i	0.2671-0.0296i	1.9609-0.1972i
65.1	6.8502-0.8416i	-0.3964+0.2293i	2.0260+1.3514i	4.0457+5.6599i	1.3948+0.1129i	1.4724-2.1435i	0.2882-0.0676i	1.9729-0.3131i
65.2	7.0580-0.8907i	-0.3955+0.2709i	2.1281+1.2236i	3.9345+5.7551i	1.5015-0.0973i	1.3461-2.3401i	0.1948-0.0824i	2.1722-0.4508i
65.3	7.0994-0.9529i	-0.3577+0.2467i	2.1761+1.1520i	4.1971+5.9400i	1.4804-0.2323i	1.1943-2.3845i	0.1926-0.0841i	2.2177-0.5792i
65.4	7.2070-1.0915i	-0.3509+0.2107i	2.2952+0.9641i	4.2152+6.0837i	1.3708-0.4113i	0.9006-2.4984i	0.2607+0.0416i	2.2528-0.8333i
65.5	7.3843-1.2008i	-0.3528+0.1459i	2.4784+0.8297i	4.2662+6.0419i	1.3246-0.5361i	0.5798-2.5073i	0.3721+0.0857i	2.2429-1.0879i
65.6	7.5143-1.3362i	-0.3900+0.1039i	2.5417+0.6312i	4.3699+6.1277i	1.2649-0.7071i	0.3807-2.3088i	0.5275+0.0058i	2.1152-1.2906i
65.7	7.6405-1.4786i	-0.3786+0.0614i	2.4832+0.3744i	4.7726+6.5486i	1.2192-0.8433i	0.2092-2.0607i	0.5712-0.1666i	1.9777-1.4775i
65.8	7.7054-1.6152i	-0.4017+0.0610i	2.4471+0.1384i	4.9760+6.7368i	1.1496-0.9041i	0.1356-1.8629i	0.4795-0.2888i	1.9020-1.6228i
65.9	7.7094-1.8720i	-0.3962+0.1108i	2.3505-0.0762i	5.3877+7.0320i	1.0202-1.0072i	0.1233-1.6315i	0.4043-0.3832i	1.7504-1.6964i
66.0	7.8765-1.8829i	-0.4347+0.0754i	2.2922-0.1964i	5.7679+7.3447i	0.9620-1.1344i	0.3306-1.4270i	0.2814-0.4749i	1.7048-1.7287i
66.1	7.9408-2.0147i	-0.4690+0.0728i	2.2555-0.2587i	6.2705+7.3106i	0.8257-1.2481i	0.3697-1.2552i	0.1659-0.4791i	1.5983-1.7685i
66.2	8.1387-1.9937i	-0.4615+0.0745i	2.2749-0.4020i	6.6343+7.5875i	0.7188-1.3206i	0.4957-1.2195i	0.0341-0.4548i	1.6261-1.8567i
66.3	8.1533-2.0758i	-0.4987-0.0246i	2.0693-0.4109i	7.2251+7.5549i	0.5464-1.3438i	0.6570-1.2585i	-0.0407-0.3344i	1.4865-1.9462i
66.4	8.1400-2.2576i	-0.5010+0.1227i	2.0044-0.5093i	7.7116+7.2268i	0.3616-1.4062i	0.7923-1.2707i	-0.1338-0.2320i	1.4430-2.0718i
66.5	8.2829-2.3514i	-0.4907+0.1056i	1.9399-0.5629i	8.3486+7.1301i	0.2075-1.4208i	0.9120-1.2686i	-0.1543-0.1635i	1.3998-2.1033i
66.6	8.5417-2.4617i	-0.4570+0.0238i	1.9727-0.7045i	8.9341+7.1382i	0.0206-1.3911i	1.0342-1.3549i	-0.1980-0.0240i	1.3242-2.2441i
66.7	8.8431-2.6600i	-0.5878-0.0378i	1.9060-0.8032i	9.2829+7.0288i	-0.1728-1.3094i	1.2098-1.5364i	-0.2467+0.1848i	1.1924-2.4523i
66.8	8.9554-2.8209i	-0.6500+0.0226i	1.8960-0.8232i	9.7553+6.7601i	-0.2923-1.2511i	1.2222-1.6906i	-0.1210+0.3047i	1.0291-2.5108i
66.9	9.1979-2.9734i	-0.7087+0.1551i	1.9243-0.9370i	10.0622+6.6602i	-0.4048-1.1869i	1.2430-1.8840i	-0.0197+0.4433i	0.9161-2.6143i
67.0	9.3863-3.1127i	-0.6780+0.1243i	1.9037-1.1365i	10.5334+6.2847i	-0.5797-1.0809i	1.2790-2.1680i	0.0819+0.6226i	0.8219-2.7619i
67.1	9.4500-3.2578i	-0.6603+0.1898i	1.7951-1.1336i	10.8990+5.9019i	-0.6597-0.8924i	1.1584-2.3736i	0.2349+0.7560i	0.6872-2.8415i
67.2	9.5474-3.5052i	-0.5591+0.1438i	1.7805-1.2325i	11.3225+5.6866i	-0.7164-0.6957i	0.8183-2.5001i	0.4994+0.8343i	0.3767-2.8931i
67.3	9.9459-3.5141i	-0.5257+0.1785i	1.9619-1.2685i	11.6091+5.6825i	-0.8656-0.5069i	0.5944-2.6604i	0.6685+0.9689i	0.2772-3.1171i
67.4	10.2277-3.9627i	-0.6025+0.2357i	1.8551-1.5130i	11.9646+5.0911i	-0.8904-0.1929i	0.1991-2.6426i	1.0373+1.0027i	-0.0478-3.1711i
67.5	10.4285-4.3872i	-0.6786+0.2657i	1.7863-1.5813i	12.3108+4.7367i	-0.8464+0.0652i	-0.2261-2.5732i	1.4151+0.9876i	-0.4542-3.2090i
67.6	10.3882-4.7711i	-0.5662+0.3265i	1.7534-1.7059i	12.5580+4.2159i	-0.5603+0.4167i	-0.4760-2.2367i	1.7706+0.7632i	-0.8176-3.0576i
67.7	10.6491-5.1648i	-0.5396+0.2120i	1.8151-1.8473i	13.0283+3.5924i	-0.2901+0.6047i	-0.6706-2.0056i	2.1256+0.5305i	-1.2076-2.9600i
67.8	11.1357-5.3917i	-0.5068+0.0878i	1.8900-2.1254i	13.2789+3.4420i	0.0467+0.7914i	-0.7337-1.7172i	2.4341+0.2659i	-1.5056-2.8736i
67.9	11.4911-5.7588i	-0.4270+0.0682i	1.7843-2.3648i	13.3541+3.3518i	0.5474+1.0349i	-0.6304-1.1575i	2.7069-0.1584i	-1.7683-2.7253i
68.0	11.3828-6.6030i	-0.4823+0.1286i	1.6282-2.6322i	13.3077+2.7209i	1.1603+0.9006i	-0.5429-0.6846i	2.8682-0.7430i	-2.0719-2.2350i
68.1	11.6605-6.8755i	-0.4925+0.0237i	1.5611-2.9369i	13.4275+2.7164i	1.6225+0.5868i	-0.0997-0.4135i	2.9177-1.2343i	-2.1612-1.9078i
68.2	11.6616-7.1486i	-0.5913-0.1852i	1.4714-2.9967i	13.6834+2.6012i	2.0441+0.0535i	0.5996-0.1523i	2.6997-1.8688i	-2.0677-1.4530i
68.3	11.8451-7.8540i	-0.7287-0.0931i	1.1839-3.0831i	13.9592+2.4404i	2.4773-0.4870i	1.1338-0.1544i	2.5968-2.3255i	-2.0788-1.2027i
68.4	11.8285-8.8130i	-0.7015-0.0545i	0.9443-3.2353i	14.8276+1.8621i	2.5880-1.3518i	1.7488-0.5944i	2.3104-2.7372i	-2.0326-1.0114i
68.5	11.8807-9.0158i	-0.7712-0.1243i	1.0475-3.3561i	14.9245+1.5423i	2.3208-1.9860i	2.0121-1.1392i	2.3105-3.1377i	-2.0644-0.8326i
68.6	11.5062-9.4050i	-0.9416-0.1772i	0.9926-3.3746i	14.7813+1.0365i	1.9460-2.4440i	2.0476-1.4754i	1.8208-3.5945i	-1.9417-0.5520i

68.7	11.3577−10.5369i	−1.0542−0.1729i	0.6567−3.5453i	15.4546+0.6292i	1.6184−3.3390i	2.1819−2.0115i	1.0393−4.2362i	−1.8503−0.2543i
68.8	11.6270−11.1163i	−1.1139−0.0103i	0.4040−3.8535i	16.2310+0.7708i	1.2043−3.8745i	2.3285−2.6571i	0.5736−4.3715i	−1.7362−0.2770i
68.9	11.4600−11.6505i	−1.1291+0.0131i	0.2230−4.1240i	16.8987+0.3669i	0.4312−4.2648i	2.1343−3.1947i	−0.1029−4.4419i	−1.5518−0.2484i
69.0	10.5701−11.7373i	−1.2670−0.0388i	−0.1465−4.2013i	16.6650−0.1109i	−0.5294−4.1005i	1.3887−3.1988i	−0.6566−4.2600i	−1.4963−0.0420i
69.1	9.8145−12.3676i	−1.1832+0.2306i	−0.4089−4.2927i	16.9677−1.1184i	−1.2506−3.9421i	1.0730−3.0618i	−1.2699−4.1623i	−1.4194+0.2030i
69.2	9.4293−13.0924i	−1.2425+0.2265i	−1.0635−4.5593i	18.0811−1.8757i	−1.9979−3.7506i	1.1316−2.9435i	−1.9586−4.2174i	−1.4712+0.5276i
69.3	8.9870−13.2758i	−1.2484+0.1821i	−1.8809−5.0162i	19.4343−2.5464i	−2.6499−3.3050i	1.5324−2.9109i	−2.6754−4.1323i	−1.2257+0.9128i
69.4	8.4151−13.7331i	−1.5491+0.2484i	−2.9555−4.8297i	20.2698−4.1691i	−3.0941−2.5638i	1.6488−3.5722i	−3.4644−3.5565i	−0.8402+1.2110i
69.5	7.9913−13.3128i	−1.4655+0.1171i	−3.3340−4.5630i	19.5523−5.6016i	−3.1212−1.7888i	1.6373−4.2626i	−3.8866−3.0622i	−0.3654+1.3837i
69.6	7.2206−13.4656i	−1.3879+0.3157i	−3.8139−3.9390i	18.5762−7.7501i	−2.8733−1.0949i	0.7985−4.8725i	−4.2723−2.4671i	0.3366+1.5044i
69.7	7.4847−13.6708i	−1.6987+0.2301i	−4.6136−3.7210i	18.8249−8.4987i	−2.6800−0.7648i	0.0202−5.1779i	−4.7802−1.9773i	0.8625+1.4373i
69.8	6.8474−14.1070i	−1.9137+0.7061i	−5.3235−2.4386i	18.6421−10.6463i	−2.2409−0.3419i	−0.8150−4.8328i	−5.3259−0.8799i	1.6948+1.0063i
69.9	7.2179−14.0667i	−1.9850+0.7959i	−5.6684−1.9368i	18.4037−11.3040i	−1.8744−0.3937i	−1.1323−4.5375i	−5.5298−0.1941i	2.1193+0.5453i
70.0	7.6540−13.2364i	−1.9301+0.7320i	−5.4528−1.3149i	17.4204−11.7190i	−1.5964−0.7096i	−1.1322−4.1605i	−5.2956+0.5335i	2.2473−0.1626i
70.1	7.6494−13.6372i	−2.0755+0.9531i	−5.4837−0.5594i	16.4784−13.2432i	−1.5894−0.8541i	−1.2872−3.9018i	−5.1174+1.5051i	2.2542−0.8455i
70.2	8.5687−14.5588i	−2.2882+1.1976i	−5.4445−0.0272i	15.7751−14.3766i	−1.6989−1.0081i	−1.2314−3.9245i	−4.7443+2.5793i	2.1234−1.5626i
70.3	9.1036−15.2578i	−2.1829+1.2821i	−5.3333+0.2003i	14.8458−14.4169i	−1.8214−1.0970i	−1.2621−4.0880i	−4.0819+3.2477i	1.7472−1.9517i
70.4	9.1561−16.5740i	−2.0056+1.5846i	−4.9682+0.8237i	13.0809−15.0457i	−1.9819−1.0905i	−1.4440−4.2050i	−3.1679+3.7212i	1.3114−2.2561i
70.5	9.0764−18.7422i	−1.9655+1.8667i	−4.6553+1.3495i	12.5377−15.9990i	−2.2159−1.1244i	−1.6799−4.5087i	−2.3433+4.0122i	0.9361−2.5153i
70.6	7.9780−20.3626i	−1.9016+2.1685i	−4.0806+1.7797i	11.4390−16.3425i	−2.4208−1.0458i	−2.1626−4.4973i	−1.4378+4.0572i	0.5217−2.6721i
70.7	6.3831−22.0514i	−1.5880+2.4209i	−3.3787+1.9105i	10.3712−16.4739i	−2.6603−0.9574i	−2.5853−4.3921i	−0.6238+3.7709i	0.1286−2.7776i
70.8	4.5925−23.7430i	−1.5051+2.6446i	−3.3433+2.5604i	9.9439−17.1537i	−2.9239−0.9446i	−3.2160−4.3497i	0.1489+3.7324i	−0.3005−3.0254i
70.9	2.1428−24.6356i	−1.1998+2.7980i	−2.8657+2.8871i	8.8304−17.9142i	−3.1539−0.7113i	−3.7462−3.9967i	0.5965+3.4604i	−0.7516−3.0179i
71.0	−0.4445−24.0512i	−0.7640+2.8743i	−2.0631+2.7637i	7.3329−17.7163i	−3.3273−0.3401i	−4.0053−3.3666i	0.9799+2.7745i	−1.2192−2.6621i
71.1	−2.0880−23.9112i	−0.6781+2.9381i	−1.6298+2.6298i	6.5101−18.0413i	−3.5266−0.0068i	−4.2095−2.9072i	1.2340+2.3918i	−1.5798−2.4695i
71.2	−3.8781−23.8430i	−0.5258+2.9243i	−1.5950+2.5424i	5.6415−18.4206i	−3.5666+0.3321i	−4.2884−2.6287i	1.2382+2.2414i	−1.7722−2.3666i
71.3	−5.4808−22.7562i	−0.2846+2.8777i	−1.3941+2.4876i	4.4496−18.3113i	−3.5277+0.6933i	−4.2817−2.1898i	1.1998+1.8781i	−1.9183−2.0250i
71.4	−7.1859−21.6587i	0.0390+3.0744i	−0.7253+2.6678i	3.0923−18.2579i	−3.4308+1.0738i	−4.1497−1.6744i	1.2950+1.4287i	−2.1044−1.6602i
71.5	−7.9369−19.9609i	0.4153+2.7714i	−0.4785+1.9062i	2.0521−17.2900i	−3.2169+1.4183i	−3.7885−1.4148i	0.9781+1.1762i	−1.9425−1.2813i
71.6	−8.4948−19.4518i	0.5802+2.7015i	−0.3775+1.7985i	1.5423−17.2947i	−3.1257+1.6033i	−3.7194−1.3797i	0.8553+1.1562i	−1.9295−1.1777i
71.7	−8.7222−18.7152i	0.6210+2.5628i	−0.3957+1.5665i	1.0986−16.8493i	−2.9932+1.8101i	−3.5352−1.3768i	0.7351+1.1942i	−1.8462−1.0920i
71.8	−9.5204−17.5038i	0.8915+2.4638i	0.1536+1.4994i	0.0627−16.6074i	−2.7800+1.9942i	−3.4870−1.1933i	0.7787+0.9711i	−1.9054−0.8599i
71.9	−10.0177−16.2440i	1.0513+2.2577i	0.4809+1.0216i	−1.0430−16.1031i	−2.5123+2.2177i	−3.4168−1.0369i	0.7016+0.9717i	−1.8665−0.6576i
72.0	−10.3963−15.3007i	1.2117+2.0941i	0.3035+0.5431i	−1.9069−15.5872i	−2.2289+2.3314i	−3.3438−0.9883i	0.6047+1.0775i	−1.7412−0.5932i
72.1	−10.3958−14.6145i	1.3442+1.9938i	0.1389+0.4463i	−2.1329−15.0891i	−1.9780+2.3466i	−3.2758−1.0144i	0.7058+1.1706i	−1.6679−0.5767i
72.2	−10.3054−13.8312i	1.2375+1.8621i	0.0424+0.0347i	−2.3451−14.2309i	−1.7338+2.4629i	−3.1978−0.9395i	0.7365+1.2492i	−1.5801−0.4589i
72.3	−10.6035−13.1513i	1.2999+1.7979i	−0.0820+0.3517i	−2.8257−13.9665i	−1.4689+2.4519i	−3.2282−0.9209i	0.9296+1.2317i	−1.5981−0.4556i
72.4	−10.5801−12.2927i	1.3940+1.5347i	−0.2378+0.1610i	−3.4837−13.2147i	−1.2105+2.4047i	−3.3189−0.9690i	0.9889+1.3258i	−1.4908−0.4607i
72.5	−10.3605−11.7154i	1.4473+1.2321i	−0.4348−0.3780i	−3.6696−12.5709i	−1.1017+2.2895i	−3.4200−0.9315i	1.0746+1.4220i	−1.4012−0.4951i
72.6	−10.2363−11.0215i	1.4217+0.9745i	−0.7606−0.5931i	−3.6375−11.8141i	−0.9678+2.2005i	−3.3917−0.8063i	1.2465+1.5338i	−1.4091−0.5717i
72.7	−10.3285−10.5551i	1.4600+0.9213i	−0.6631−0.5432i	−3.8574−11.4185i	−0.9098+2.1586i	−3.3907−0.6559i	1.3901+1.4528i	−1.5055−0.5614i
72.8	−10.3792−9.8973i	1.5389+0.7893i	−0.8161−0.8671i	−4.1146−10.8487i	−0.7989+2.1118i	−3.3897−0.4591i	1.5648+1.2764i	−1.4985−0.4466i
72.9	−10.1491−9.5233i	1.4116+0.6914i	−1.1023−1.1734i	−4.1286−10.4491i	−0.6590+2.0747i	−3.3578−0.4331i	1.6514+1.2532i	−1.4388−0.3924i
73.0	−9.9926−9.3475i	1.3062+0.5527i	−1.6810−1.3000i	−3.9573−10.3020i	−0.5706+2.0252i	−3.4176−0.4581i	1.8852+1.2703i	−1.4386−0.4471i
73.1	−9.9673−9.0104i	1.1931+0.5013i	−2.0393−0.9120i	−3.9847−10.1191i	−0.4999+1.9299i	−3.4943−0.2956i	2.1797+1.0277i	−1.5546−0.4188i
73.2	−9.8931−8.7650i	1.0320+0.4828i	−2.3962−0.6534i	−3.9534−9.8691i	−0.4189+1.8287i	−3.5636−0.1927i	2.4758+0.8198i	−1.6880−0.4020i
73.3	−9.7910−8.4199i	0.9361+0.3278i	−2.5703−0.7734i	−4.1708−9.5532i	−0.4348+1.7733i	−3.5914−0.1493i	2.5057+0.6495i	−1.6905−0.3385i
73.4	−9.6615−8.0477i	0.7612+0.2912i	−3.0753−0.7228i	−4.1697−9.2904i	−0.4100+1.6912i	−3.6262−0.0608i	2.5619+0.3978i	−1.6654−0.2498i
73.5	−9.6759−7.6472i	0.6775+0.2851i	−3.1689−0.4259i	−4.2923−9.1542i	−0.4764+1.6489i	−3.6830+0.1347i	2.5003+0.0254i	−1.6513−0.0927i
73.6	−9.6586−7.3791i	0.5617+0.3527i	−3.6876−0.1337i	−4.3205−8.9683i	−0.5049+1.6872i	−3.7362+0.3145i	2.4957−0.1054i	−1.6460−0.0867i
73.7	−9.3641−7.0809i	0.3869+0.3501i	−3.8871+0.4104i	−4.3333−8.7372i	−0.5181+1.7600i	−3.7270+0.5964i	2.4708−0.2197i	−1.6205−0.0996i
73.8	−9.3462−6.7585i	0.4016+0.3002i	−3.7212+0.6043i	−4.5879−8.5413i	−0.5004+1.8533i	−3.6501+0.7343i	2.4376−0.2338i	−1.6579−0.0891i
73.9	−9.4956−6.7265i	0.4241+0.3410i	−3.9316+0.4212i	−4.8617−8.3896i	−0.3756+1.9897i	−3.5926+0.8076i	2.5191−0.2122i	−1.6931−0.0679i
74.0	−9.5984−6.2060i	0.4123+0.3096i	−4.6219+0.9965i	−5.0552−8.0356i	−0.1510+1.9785i	−3.5912+1.0433i	2.7420−0.3963i	−1.7581−0.0554i
74.1	−9.6739−5.8975i	0.4335+0.3083i	−4.8776+1.2699i	−5.1758−7.8600i	−0.0158+1.9461i	−3.5246+1.1715i	2.7728−0.5651i	−1.7605−0.0019i
74.2	−9.4836−5.7837i	0.2550+0.4492i	−4.9964+1.5919i	−5.1623−7.6341i	0.0931+1.8875i	−3.3716+1.3112i	2.8675−0.7771i	−1.8289+0.0638i
74.3	−9.3809−5.3600i	0.2069+0.4287i	−5.1031+2.1489i	−5.3052−7.2723i	0.1653+1.8206i	−3.2505+1.4562i	2.8513−1.0644i	−1.8478+0.1675i
74.4	−9.2289−4.9759i	0.0769+0.4506i	−5.2484+2.8254i	−5.3300−6.9335i	0.2610+1.7390i	−3.1667+1.5334i	2.9628−1.4297i	−1.9592+0.3303i
74.5	−9.1420−4.5342i	0.0106+0.4533i	−5.5120+3.3617i	−5.2859−6.6217i	0.3582+1.6622i	−3.0934+1.6076i	2.9789−1.6948i	−1.9827+0.4546i
74.6	−9.1309−4.2377i	0.0506+0.5119i	−5.5629+3.8202i	−5.3091−6.3709i	0.3995+1.5624i	−2.9627+1.7200i	2.8100−1.9092i	−1.8982+0.5280i
74.7	−9.0344−3.9027i	0.0690+0.6800i	−5.6308+4.6891i	−5.3760−6.2173i	0.4183+1.4061i	−2.8232+1.8525i	2.7087−2.2755i	−1.8871+0.6512i
74.8	−8.9002−3.6884i	0.0799+0.8322i	−5.4064+5.2814i	−5.4103−5.9848i	0.3942+1.3509i	−2.7022+1.9051i	2.4581−2.5898i	−1.8014+0.8476i
74.9	−8.6347−3.4262i	0.1301+0.8247i	−4.7385+5.7112i	−5.3717−5.7874i	0.2736+1.3562i	−2.6157+1.8499i	2.1732−2.6428i	−1.7140+0.9139i

75.0	-8.2937-2.8900i	0.1489+1.0266i	-4.3365+6.7304i	-5.3470-5.5775i	0.2970+1.2377i	-2.5185+1.9262i	2.0473-3.0066i	-1.7048+1.0646i
75.1	-8.1234-2.4637i	0.2993+1.0488i	-3.8081+7.2207i	-5.5549-5.3186i	0.2517+1.2018i	-2.5195+1.9437i	1.7307-3.2331i	-1.5808+1.2276i
75.2	-8.0161-2.1202i	0.4332+1.0842i	-3.4919+7.6880i	-5.6209-5.1323i	0.2837+1.1683i	-2.5090+1.9735i	1.4274-3.4063i	-1.4364+1.3509i
75.3	-7.8913-2.0455i	0.4962+1.1127i	-3.1061+7.9380i	-5.6756-5.0454i	0.3084+1.2086i	-2.4490+2.0130i	1.1499-3.4827i	-1.3205+1.4148i
75.4	-7.6687-2.0300i	0.6366+1.1585i	-2.4923+8.0389i	-5.7621-4.9471i	0.2990+1.2187i	-2.4265+2.0642i	0.8108-3.4618i	-1.1414+1.4403i
75.5	-7.0858-1.7477i	0.7298+1.2613i	-1.6245+8.7163i	-5.6951-4.7112i	0.3157+1.1874i	-2.3489+2.1361i	0.3981-3.6437i	-0.9639+1.5864i
75.6	-6.5169-1.3869i	0.8981+1.2148i	-0.8474+9.2154i	-5.7306-4.4874i	0.2399+1.1416i	-2.2104+2.2663i	0.0459-3.6610i	-0.8261+1.5615i
75.7	-5.9612-1.4062i	1.0304+1.2086i	0.2137+9.0996i	-5.6712-4.3526i	0.1321+1.1170i	-2.1293+2.2496i	-0.3625-3.4854i	-0.6537+1.5149i
75.8	-5.5425-1.0178i	1.1870+1.0786i	0.8163+9.2258i	-5.6413-4.1861i	-0.0050+1.1550i	-2.0883+2.3077i	-0.6687-3.2998i	-0.5075+1.4169i
75.9	-5.0367-1.0696i	1.2570+0.9872i	1.4234+9.2811i	-5.6588-4.0311i	-0.0475+1.3320i	-2.0646+2.3690i	-0.9047-3.1468i	-0.4024+1.3665i
76.0	-4.7779-1.0011i	1.4289+0.8190i	2.1239+9.0874i	-5.8021-3.8688i	-0.0273+1.4551i	-2.0903+2.4388i	-1.1153-2.9459i	-0.2868+1.3137i
76.1	-4.6726-0.9994i	1.6282+0.6011i	2.6595+8.7013i	-5.9763-3.6684i	0.1498+1.6223i	-1.9845+2.5591i	-1.2432-2.5582i	-0.1764+1.1800i
76.2	-3.8462-1.2788i	1.7167+0.5932i	3.5343+8.5835i	-5.9916-3.4324i	0.1988+1.7284i	-1.8916+2.7142i	-1.4625-2.3496i	-0.0446+1.0751i
76.3	-3.7107-1.5439i	1.8900+0.4798i	3.9973+8.2681i	-6.1354-3.2100i	0.3772+1.7728i	-1.7994+2.8279i	-1.5105-2.1042i	0.0178+0.9399i
76.4	-3.4616-1.6695i	1.9873+0.2531i	4.4051+8.1207i	-6.2627-3.0193i	0.5948+1.7350i	-1.7286+2.9251i	-1.5188-1.9587i	0.0479+0.8471i
76.5	-3.0753-1.7897i	2.0381+0.0894i	5.0798+7.9751i	-6.3910-2.8468i	0.6935+1.7063i	-1.7188+3.0596i	-1.5748-1.8209i	0.0534+0.7828i
76.6	-2.6493-2.0213i	2.0806-0.1680i	5.6387+7.4854i	-6.4714-2.5722i	0.8682+1.7001i	-1.5314+3.1609i	-1.5577-1.6304i	0.0433+0.7097i
76.7	-2.4306-2.1212i	2.1641-0.4871i	6.2267+7.1129i	-6.5787-2.2845i	1.0382+1.6851i	-1.3167+3.2985i	-1.5801-1.4574i	0.0585+0.6247i
76.8	-2.2564-2.1945i	2.2282-0.7956i	6.7735+6.8635i	-6.8497-1.9244i	1.2467+1.6157i	-1.1117+3.4357i	-1.5925-1.3342i	0.0684+0.5618i
76.9	-1.7363-2.5477i	2.1934-1.0419i	7.2749+6.2827i	-6.8625-1.5455i	1.3984+1.4582i	-0.8512+3.5586i	-1.5710-1.1553i	0.0767+0.4554i
77.0	-1.5204-2.7010i	2.0239-1.2642i	7.2887+6.1271i	-6.9135-1.1630i	1.5160+1.2537i	-0.7369+3.6582i	-1.5900-1.1409i	0.1318+0.4230i
77.1	-1.5466-2.9445i	1.9622-1.6924i	7.6735+5.7425i	-7.0123-0.7337i	1.6741+1.0286i	-0.4015+3.6312i	-1.5219-1.0586i	0.0699+0.3678i
77.2	-1.5061-3.2290i	1.8034-1.8920i	8.1616+5.3875i	-6.9916-0.4435i	1.6651+0.8029i	-0.1147+3.5144i	-1.6094-0.8904i	0.1014+0.2759i
77.3	-1.1580-3.5489i	1.6633-2.0514i	8.5958+4.9012i	-7.2277+0.1744i	1.6288+0.5954i	0.1124+3.3567i	-1.6085-0.5129i	0.1081+0.0491i
77.4	-0.9136-4.0082i	1.5866-2.4049i	9.1894+4.6069i	-7.1482+0.8692i	1.6511+0.4465i	0.1426+3.3930i	-1.3232-0.3581i	-0.0732-0.0943i
77.5	-0.7535-4.7568i	1.2515-2.6733i	10.0303+3.6645i	-6.8473+1.3053i	1.6014+0.2018i	0.3137+3.3380i	-1.2028-0.3655i	-0.1996-0.1022i
77.6	-0.8943-5.1516i	0.9030-2.9992i	10.2948+2.7638i	-6.6778+1.9924i	1.4550-0.0094i	0.5372+3.3278i	-1.1306-0.4048i	-0.2912-0.0847i
77.7	-0.7496-5.7311i	0.5746-3.1776i	10.4449+1.8287i	-6.4746+2.5186i	1.2971-0.1010i	0.7379+3.3018i	-1.0447-0.4162i	-0.3921-0.0702i
77.8	-0.9365-6.3484i	0.1605-3.3824i	10.3821+0.7427i	-6.1110+3.1330i	1.0996-0.1819i	0.9500+3.1684i	-0.9704-0.4329i	-0.5255-0.0280i
77.9	-1.2723-6.3978i	-0.1205-3.5583i	10.3683+0.3618i	-5.8574+3.5706i	0.9857-0.2148i	1.1239+3.0978i	-1.0229-0.4290i	-0.5500-0.0140i
78.0	-1.6123-6.7701i	-0.5558-3.6356i	10.0935-0.3684i	-5.4088+4.0886i	0.8705-0.1832i	1.3071+3.0071i	-1.0210-0.4006i	-0.5887+0.0157i
78.1	-2.1630-6.9849i	-0.9520-3.6587i	9.7098-1.1235i	-4.9518+4.4717i	0.7814-0.1443i	1.4261+2.8836i	-0.9795-0.3658i	-0.6355+0.0649i
78.2	-2.2193-7.5766i	-1.5493-3.6281i	9.6553-1.9524i	-4.3072+5.1231i	0.7432-0.1448i	1.6368+2.7342i	-0.9814-0.3019i	-0.6687+0.1024i
78.3	-2.2460-8.2726i	-2.1101-3.5342i	9.6407-2.7803i	-3.5035+5.6967i	0.7002-0.1650i	1.8998+2.5392i	-0.9328-0.2004i	-0.7440+0.0906i
78.4	-2.4128-8.5571i	-2.6094-3.5786i	9.5143-3.5961i	-2.7674+6.1527i	0.6635-0.2129i	2.0565+2.3684i	-0.8899-0.1219i	-0.7874+0.0927i
78.5	-2.7930-8.6532i	-2.9822-3.4334i	9.0291-3.9719i	-2.2957+6.3781i	0.6499-0.2870i	2.1068+2.2262i	-0.8626-0.1375i	-0.7894+0.1527i
78.6	-3.5492-9.0542i	-3.4584-2.9400i	8.4905-4.4738i	-1.2889+6.5402i	0.5917-0.3803i	2.2092+1.9271i	-0.8016-0.1041i	-0.8325+0.1995i
78.7	-4.0881-9.2824i	-3.8635-2.6902i	8.1372-5.1383i	-0.3218+6.5540i	0.4639-0.4182i	2.2736+1.6748i	-0.7135-0.0603i	-0.8885+0.2360i
78.8	-4.4301-9.2128i	-4.2637-2.4016i	7.8215-5.5066i	0.5008+6.6603i	0.3598-0.4644i	2.3160+1.4190i	-0.6441-0.0447i	-0.9367+0.2824i
78.9	-5.1361-9.3056i	-4.7038-1.9731i	7.0203-5.8402i	1.4062+6.6352i	0.2518-0.4708i	2.2647+1.1752i	-0.6540-0.0650i	-0.9035+0.3773i
79.0	-5.5914-9.5216i	-5.2649-1.4490i	6.2910-6.2403i	2.7447+6.6128i	0.0874-0.4995i	2.2720+0.8999i	-0.6624-0.0212i	-0.8820+0.4058i
79.1	-5.8244-9.4979i	-5.3975-0.9374i	5.9608-6.3504i	3.5706+6.1269i	-0.0905-0.4877i	2.1056+0.7924i	-0.6524+0.0368i	-0.8291+0.3899i
79.2	-6.5816-9.5687i	-5.5003-0.3083i	5.4112-6.7570i	4.6713+5.4417i	-0.3233-0.3369i	1.9233+0.6491i	-0.5414+0.1041i	-0.8847+0.3919i
79.3	-7.1706-9.5624i	-5.6810+0.2560i	5.1181-7.3857i	5.8277+4.9453i	-0.4573-0.2432i	1.9118+0.5310i	-0.4132+0.1644i	-0.9752+0.4710i
79.4	-7.4417-9.2986i	-5.6193+0.7702i	4.7297-7.6204i	6.2720+4.0925i	-0.4739-0.1317i	1.8567+0.4530i	-0.3119+0.1443i	-0.9893+0.5238i
79.5	-7.9955-9.1921i	-5.5230+1.2801i	3.9426-8.1425i	6.6265+3.0775i	-0.5203-0.0309i	1.8958+0.3959i	-0.2060+0.1597i	-1.0112+0.5244i
79.6	-8.6511-8.8800i	-5.4736+1.9012i	3.0385-8.0126i	7.1052+2.0418i	-0.5945+0.0845i	1.8048+0.3047i	-0.0934+0.1513i	-1.0409+0.5734i
79.7	-9.2946-8.6816i	-5.4963+2.5597i	2.3147-7.9817i	7.6159+1.1084i	-0.6550+0.1962i	1.7368+0.2155i	0.0376+0.1368i	-1.0856+0.6181i
79.8	-9.8129-8.2799i	-5.2360+3.0179i	1.7894-7.9541i	7.5767+0.1049i	-0.6387+0.3634i	1.6539+0.1472i	0.1275+0.0207i	-1.0992+0.7215i
79.9	-10.3025-7.8786i	-4.9030+3.5650i	0.9975-7.9388i	7.5028-1.0476i	-0.6193+0.5634i	1.6023+0.0241i	0.2367-0.1258i	-1.1284+0.8542i
80.0	-10.5560-7.5455i	-4.6698+4.0285i	0.3895-7.7348i	7.4847-1.9924i	-0.5799+0.6985i	1.5512-0.0977i	0.2884-0.2548i	-1.1138+0.9466i

2.1.59 Run 5 – VTC-200 – Accels 33–40

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	5.2014+0.0000i	1.1833+0.0000i	-3.9065+0.0000i	-2.5815+0.0000i	11.5024+0.0000i	3.6908+0.0000i	7.1098+0.0000i	2.3844+0.0000i
0.1	1.5224-0.2615i	0.3149-0.3114i	-0.8003-0.0229i	-0.3459-0.2675i	1.3413-1.1332i	0.0754-0.7946i	1.1835-0.7803i	-0.0060-0.2305i
0.2	0.4691-0.0275i	0.1710+0.0277i	0.0507+0.0020i	0.2674-0.3068i	0.2217-0.2557i	0.3635-0.2034i	0.0701-0.0456i	-0.1066+0.0005i
0.3	0.0240+0.0301i	-0.0115+0.0471i	-0.0698-0.0153i	0.1609+0.0094i	0.1952-0.1096i	0.3046-0.1184i	-0.0009-0.0438i	-0.0546+0.0168i
0.4	-0.0010+0.0064i	0.0280+0.0298i	0.0210+0.0110i	0.0904-0.0499i	0.0618-0.0462i	0.1190+0.0217i	0.0174-0.0013i	0.0176+0.0154i
0.5	0.0088-0.0188i	0.0111+0.0015i	0.0081-0.0159i	0.0349-0.0370i	0.0312-0.0394i	0.0338-0.0061i	0.0126+0.0157i	0.0119+0.0055i
0.6	-0.0039+0.0011i	-0.0129-0.0030i	-0.0118-0.0133i	0.0059-0.0144i	-0.0040-0.0211i	-0.0167-0.0078i	0.0115+0.0155i	-0.0060+0.0030i
0.7	0.0040+0.0019i	-0.0002-0.0003i	-0.0075-0.0034i	-0.0007-0.0031i	-0.0077-0.0071i	-0.0137-0.0015i	0.0037+0.0090i	0.0021-0.0060i
0.8	-0.0021+0.0020i	0.0005+0.0069i	-0.0043-0.0022i	-0.0018+0.0042i	-0.0050-0.0069i	-0.0031+0.0013i	0.0020+0.0013i	0.0043-0.0026i
0.9	-0.0025+0.0028i	0.0033+0.0097i	-0.0006-0.0026i	-0.0064+0.0063i	0.0027-0.0001i	0.0017+0.0059i	-0.0037-0.0033i	0.0023-0.0006i
1.0	0.0016+0.0026i	0.0029+0.0035i	-0.0025-0.0049i	-0.0000+0.0037i	0.0017-0.0035i	-0.0003+0.0006i	-0.0022-0.0006i	0.0000-0.0005i
1.1	0.0029-0.0022i	0.0026-0.0012i	-0.0031-0.0038i	-0.0030+0.0044i	-0.0057+0.0012i	-0.0014+0.0008i	-0.0004+0.0028i	0.0014-0.0009i
1.2	0.0055+0.0005i	0.0028-0.0019i	-0.0043-0.0008i	0.0003-0.0011i	-0.0006+0.0031i	-0.0009-0.0009i	-0.0015-0.0001i	0.0011-0.0011i
1.3	0.0050-0.0002i	0.0033+0.0001i	-0.0056-0.0022i	0.0006-0.0021i	0.0017-0.0026i	-0.0021-0.0021i	-0.0007-0.0023i	-0.0005-0.0009i
1.4	0.0002-0.0023i	0.0053+0.0011i	-0.0079-0.0032i	0.0003+0.0007i	0.0020+0.0002i	-0.0050-0.0002i	-0.0030-0.0028i	-0.0001+0.0006i
1.5	0.0025-0.0043i	0.0095-0.0046i	-0.0083-0.0026i	0.0015-0.0015i	0.0080-0.0082i	-0.0069-0.0018i	-0.0028-0.0004i	0.0007+0.0014i
1.6	0.0021-0.0043i	0.0047-0.0090i	-0.0087-0.0039i	0.0029-0.0011i	0.0031-0.0124i	-0.0065-0.0027i	-0.0007+0.0006i	0.0003-0.0009i
1.7	0.0023-0.0037i	0.0036-0.0033i	-0.0119-0.0035i	0.0066-0.0051i	-0.0005-0.0076i	-0.0079-0.0016i	0.0011-0.0026i	-0.0011-0.0004i
1.8	0.0065-0.0097i	0.0097-0.0018i	-0.0125-0.0004i	0.0119-0.0129i	0.0056-0.0021i	-0.0120-0.0002i	-0.0004-0.0024i	-0.0004-0.0001i
1.9	0.0031-0.0234i	0.0111-0.0048i	-0.0151+0.0004i	0.0089-0.0233i	0.0060-0.0000i	-0.0128+0.0026i	-0.0016-0.0032i	0.0012-0.0011i
2.0	-0.0112-0.0360i	0.0160-0.0151i	-0.0171+0.0006i	-0.0044-0.0374i	0.0048-0.0069i	-0.0110+0.0038i	-0.0037-0.0053i	0.0001-0.0023i
2.1	-0.0289-0.0394i	0.0051-0.0358i	-0.0164+0.0015i	-0.0260-0.0497i	-0.0031-0.0163i	-0.0094+0.0047i	-0.0071-0.0065i	0.0008-0.0030i
2.2	-0.0892-0.0702i	-0.0360-0.0109i	-0.0139+0.0015i	-0.0953-0.0709i	-0.0264-0.0092i	-0.0039+0.0054i	-0.0189-0.0098i	-0.0020-0.0016i
2.3	-0.1998-0.0145i	-0.0254+0.0055i	-0.0115-0.0011i	-0.2019-0.0090i	-0.0333+0.0033i	0.0002-0.0001i	-0.0331+0.0007i	-0.0029+0.0013i
2.4	-0.0507+0.1677i	-0.0091-0.0005i	-0.0203-0.0068i	-0.0489+0.1675i	-0.0114+0.0141i	-0.0120-0.0114i	-0.0094+0.0258i	-0.0020-0.0003i
2.5	0.0756+0.0903i	-0.0082-0.0013i	-0.0285-0.0045i	0.0744+0.0881i	0.0034+0.0084i	-0.0231-0.0056i	0.0075+0.0103i	-0.0016-0.0006i
2.6	0.0456+0.0263i	-0.0080-0.0028i	-0.0296-0.0029i	0.0440+0.0268i	-0.0002+0.0015i	-0.0241-0.0016i	0.0022+0.0006i	-0.0024+0.0006i
2.7	0.0349+0.0151i	-0.0060-0.0018i	-0.0293-0.0037i	0.0325+0.0150i	0.0019-0.0024i	-0.0223-0.0031i	0.0026+0.0007i	-0.0024-0.0003i
2.8	0.0247+0.0115i	-0.0054+0.0001i	-0.0334-0.0035i	0.0222+0.0128i	0.0015-0.0058i	-0.0242-0.0023i	-0.0002+0.0008i	-0.0025-0.0016i
2.9	0.0225+0.0115i	-0.0038+0.0018i	-0.0368-0.0032i	0.0233+0.0106i	0.0048-0.0047i	-0.0248-0.0014i	-0.0028+0.0008i	-0.0032+0.0007i
3.0	0.0194+0.0051i	-0.0039+0.0005i	-0.0396-0.0042i	0.0219+0.0031i	0.0004-0.0035i	-0.0264-0.0005i	-0.0030+0.0010i	-0.0031+0.0013i
3.1	0.0127+0.0054i	-0.0044-0.0012i	-0.0419-0.0048i	0.0132+0.0038i	-0.0000-0.0030i	-0.0272-0.0030i	-0.0019+0.0004i	-0.0033-0.0006i
3.2	0.0130+0.0115i	-0.0014-0.0012i	-0.0462-0.0043i	0.0127+0.0104i	-0.0020+0.0046i	-0.0300-0.0038i	-0.0059-0.0049i	-0.0042+0.0043i
3.3	0.0208+0.0126i	-0.0012-0.0038i	-0.0502-0.0022i	0.0216+0.0093i	0.0038-0.0060i	-0.0363+0.0010i	-0.0084-0.0016i	-0.0010+0.0069i
3.4	0.0245+0.0095i	-0.0037-0.0037i	-0.0481-0.0041i	0.0225+0.0067i	-0.0026-0.0084i	-0.0377-0.0018i	-0.0057-0.0026i	-0.0005+0.0055i
3.5	0.0244+0.0040i	-0.0047+0.0004i	-0.0547-0.0052i	0.0241+0.0031i	0.0014-0.0105i	-0.0446-0.0086i	-0.0029-0.0037i	0.0006+0.0063i
3.6	0.0265-0.0044i	-0.0050+0.0016i	-0.0611+0.0043i	0.0237-0.0028i	0.0193+0.0150i	-0.0400-0.0011i	-0.0063-0.0014i	0.0021-0.0007i
3.7	0.0129-0.0061i	-0.0036-0.0004i	-0.0631+0.0059i	0.0110-0.0054i	0.0018-0.0007i	-0.0389+0.0080i	-0.0101-0.0019i	0.0038-0.0078i
3.8	0.0116-0.0020i	-0.0035+0.0013i	-0.0663+0.0015i	0.0124-0.0005i	-0.0051+0.0022i	-0.0458+0.0028i	-0.0117-0.0004i	-0.0007-0.0050i
3.9	0.0121-0.0002i	-0.0037-0.0006i	-0.0694+0.0004i	0.0124-0.0008i	-0.0035-0.0005i	-0.0478+0.0015i	-0.0130-0.0004i	-0.0019-0.0010i
4.0	0.0127+0.0005i	-0.0045-0.0021i	-0.0730-0.0005i	0.0131-0.0004i	-0.0026-0.0020i	-0.0494+0.0005i	-0.0130-0.0005i	0.0028+0.0021i
4.1	0.0131+0.0006i	-0.0057-0.0009i	-0.0768-0.0020i	0.0136-0.0005i	-0.0032-0.0019i	-0.0510+0.0000i	-0.0127-0.0000i	0.0074+0.0004i
4.2	0.0123+0.0014i	-0.0067+0.0008i	-0.0823-0.0032i	0.0134-0.0004i	-0.0030-0.0007i	-0.0542-0.0015i	-0.0144+0.0009i	0.0077-0.0031i
4.3	0.0121+0.0017i	-0.0072+0.0022i	-0.0890-0.0017i	0.0107+0.0009i	-0.0078+0.0012i	-0.0587-0.0005i	-0.0145+0.0019i	0.0120-0.0091i
4.4	0.0147-0.0001i	-0.0061+0.0054i	-0.0946-0.0021i	0.0132+0.0024i	-0.0122+0.0047i	-0.0622-0.0009i	-0.0136+0.0024i	0.0135-0.0219i
4.5	0.0141+0.0006i	-0.0054+0.0067i	-0.1010-0.0022i	0.0139+0.0033i	-0.0065+0.0093i	-0.0665-0.0007i	-0.0113+0.0039i	0.0090-0.0310i
4.6	0.0116+0.0004i	-0.0036+0.0095i	-0.1079+0.0003i	0.0145+0.0033i	-0.0102+0.0086i	-0.0728+0.0011i	-0.0117+0.0050i	0.0001-0.0411i
4.7	0.0120+0.0012i	0.0004+0.0156i	-0.1124-0.0015i	0.0186+0.0042i	-0.0077+0.0109i	-0.0747+0.0002i	-0.0096+0.0007i	-0.0253-0.0685i
4.8	0.0136+0.0043i	0.0130+0.0211i	-0.1231-0.0015i	0.0160+0.0058i	0.0113+0.0151i	-0.0789-0.0010i	-0.0103-0.0087i	-0.1063-0.0858i
4.9	0.0205+0.0101i	0.0305-0.0014i	-0.1288+0.0018i	0.0201+0.0137i	0.0256+0.0009i	-0.0812+0.0016i	-0.0261-0.0201i	-0.1775+0.0486i
5.0	0.0254-0.0045i	0.0015-0.0104i	-0.1438-0.0102i	0.0266+0.0004i	0.0041-0.0134i	-0.0940-0.0107i	-0.0393+0.0135i	-0.0062+0.0796i
5.1	0.0236-0.0034i	-0.0005-0.0100i	-0.1544-0.0117i	0.0265+0.0050i	-0.0068-0.0059i	-0.1003-0.0122i	-0.0435+0.0127i	-0.0010+0.0773i
5.2	0.0278-0.0023i	0.0002-0.0102i	-0.1717-0.0096i	0.0399+0.0133i	-0.0085-0.0043i	-0.1116-0.0089i	-0.0619+0.0227i	0.0006+0.0950i
5.3	0.0265-0.0128i	0.0016-0.0059i	-0.1813+0.0040i	0.0539-0.0084i	0.0036-0.0036i	-0.1146+0.0048i	-0.0432+0.0654i	-0.0008+0.0821i
5.4	0.0190-0.0155i	0.0053-0.0081i	-0.1830+0.0138i	0.0441-0.0366i	0.0145-0.0036i	-0.1134+0.0109i	0.0091+0.0823i	0.0286+0.1203i
5.5	0.0053-0.0145i	0.0041-0.0163i	-0.1901+0.0070i	0.0088-0.0445i	-0.0027-0.0232i	-0.1120+0.0006i	0.0948+0.0346i	0.1287+0.1629i
5.6	-0.0004+0.0020i	-0.0206-0.0017i	-0.2141+0.0007i	-0.0101-0.0113i	-0.0388-0.0166i	-0.1217-0.0091i	0.0794-0.0573i	0.2042-0.1045i

5.7	0.0021+0.0129i	-0.0130+0.0127i	-0.2303+0.0028i	-0.0005+0.0062i	-0.0272+0.0132i	-0.1323-0.0107i	0.0509-0.0864i	0.0629-0.2279i
5.8	0.0070+0.0233i	0.0001+0.0125i	-0.2505+0.0054i	0.0081+0.0241i	-0.0101+0.0154i	-0.1437-0.0093i	0.0279-0.1267i	-0.0575-0.2253i
5.9	0.0185+0.0272i	0.0103+0.0092i	-0.2659+0.0078i	0.0225+0.0250i	0.0011+0.0096i	-0.1514-0.0105i	-0.0153-0.1305i	-0.1780-0.1682i
6.0	0.0299+0.0237i	0.0181-0.0047i	-0.2873+0.0070i	0.0369+0.0226i	0.0092-0.0004i	-0.1628-0.0104i	-0.0523-0.1069i	-0.2544+0.0299i
6.1	0.0389+0.0259i	0.0111-0.0156i	-0.3181+0.0100i	0.0495+0.0240i	0.0064-0.0085i	-0.1750-0.0110i	-0.0655-0.1208i	-0.1426+0.1572i
6.2	0.0468+0.0295i	0.0050-0.0181i	-0.3433+0.0097i	0.0601+0.0263i	0.0015-0.0121i	-0.1850-0.0126i	-0.0838-0.1369i	-0.0530+0.1789i
6.3	0.0611+0.0308i	-0.0017-0.0143i	-0.3826+0.0198i	0.0765+0.0257i	-0.0051-0.0094i	-0.2003-0.0096i	-0.1285-0.1366i	0.0190+0.1217i
6.4	0.0744+0.0313i	-0.0028-0.0123i	-0.4223+0.0284i	0.0916+0.0259i	-0.0058-0.0059i	-0.2129-0.0072i	-0.1652-0.1377i	0.0300+0.0920i
6.5	0.0916+0.0308i	-0.0038-0.0112i	-0.4682+0.0460i	0.1127+0.0239i	-0.0077-0.0035i	-0.2255-0.0011i	-0.2209-0.1228i	0.0210+0.0914i
6.6	0.1086+0.0264i	-0.0035-0.0087i	-0.5155+0.0691i	0.1348+0.0176i	-0.0088-0.0013i	-0.2298+0.0032i	-0.2438-0.0981i	0.0137+0.0671i
6.7	0.1375+0.0232i	-0.0009-0.0071i	-0.5853+0.0947i	0.1695+0.0123i	-0.0117+0.0029i	-0.2368-0.0014i	-0.2889-0.0944i	-0.0219+0.0793i
6.8	0.1853+0.0091i	0.0030-0.0075i	-0.6906+0.1581i	0.2264-0.0094i	-0.0073+0.0029i	-0.2516-0.0087i	-0.3622-0.0625i	-0.0415+0.1637i
6.9	0.2552-0.0234i	0.0073-0.0124i	-0.8441+0.2721i	0.3131-0.0557i	-0.0067-0.0003i	-0.2658-0.0159i	-0.4568-0.0147i	-0.0161+0.2475i
7.0	0.3175-0.1168i	0.0039-0.0197i	-0.9337+0.5387i	0.3842-0.1806i	-0.0087+0.0008i	-0.2858-0.0274i	-0.5686+0.1093i	0.0994+0.3007i
7.1	0.3473-0.3039i	-0.0051-0.0243i	-0.8527+0.9802i	0.3995-0.4199i	-0.0080+0.0058i	-0.3277-0.0409i	-0.6523+0.3915i	0.2808+0.3178i
7.2	0.1280-0.5080i	-0.0118-0.0112i	-0.2280+1.2353i	0.1058-0.6485i	0.0058+0.0120i	-0.3623-0.0197i	-0.3195+0.7773i	0.4436+0.3186i
7.3	-0.0762-0.4965i	0.0020-0.0085i	0.1804+1.0360i	-0.1392-0.6198i	0.0132+0.0070i	-0.3751-0.0537i	0.0830+0.7441i	0.8914+0.2024i
7.4	-0.2148-0.3792i	-0.0044-0.0216i	0.3398+0.6795i	-0.3108-0.4711i	0.0075-0.0042i	-0.4732-0.0520i	0.2175+0.4631i	0.7565-0.6002i
7.5	-0.2410-0.2754i	-0.0143-0.0204i	0.2927+0.4431i	-0.3423-0.3343i	0.0050-0.0042i	-0.5149-0.0043i	0.1800+0.3271i	0.2666-0.7587i
7.6	-0.2068-0.1795i	-0.0143-0.0132i	0.1074+0.2583i	-0.2894-0.2094i	-0.0024-0.0053i	-0.5158+0.0328i	0.1121+0.2518i	-0.1037-0.4347i
7.7	-0.1898-0.1520i	-0.0129-0.0115i	0.0256+0.1910i	-0.2648-0.1740i	0.0016-0.0079i	-0.5310+0.0252i	0.0889+0.2278i	-0.1395-0.3216i
7.8	-0.1715-0.1497i	-0.0122-0.0122i	-0.0873+0.1730i	-0.2417-0.1696i	-0.0001-0.0083i	-0.5929+0.0082i	0.0614+0.2355i	-0.1268-0.2274i
7.9	-0.1813-0.1459i	-0.0150-0.0130i	-0.1851+0.1623i	-0.2524-0.1623i	-0.0019-0.0108i	-0.6954+0.0103i	0.0646+0.2531i	-0.1086-0.1623i
8.0	-0.1900-0.1282i	-0.0146-0.0091i	-0.2602+0.1680i	-0.2610-0.1394i	-0.0033-0.0068i	-0.7763+0.0629i	0.0717+0.2561i	-0.1000-0.1899i
8.1	-0.1950-0.1194i	-0.0124-0.0088i	-0.3414+0.1696i	-0.2643-0.1284i	-0.0044-0.0088i	-0.8509+0.0957i	0.0786+0.2658i	-0.1715-0.1429i
8.2	-0.2104-0.1105i	-0.0160-0.0100i	-0.4183+0.1919i	-0.2825-0.1165i	-0.0106-0.0146i	-0.9372+0.1501i	0.1083+0.2752i	-0.1590-0.0673i
8.3	-0.2258-0.0935i	-0.0189-0.0087i	-0.4896+0.2234i	-0.3002-0.0940i	-0.0141-0.0166i	-1.0069+0.2187i	0.1365+0.2695i	-0.1306-0.0245i
8.4	-0.2342-0.0729i	-0.0185-0.0051i	-0.5874+0.2716i	-0.3074-0.0680i	-0.0120-0.0106i	-1.1031+0.3048i	0.1667+0.2612i	-0.0975-0.0183i
8.5	-0.2408-0.0638i	-0.0186-0.0040i	-0.6539+0.3207i	-0.3142-0.0557i	-0.0166-0.0100i	-1.1724+0.3793i	0.1878+0.2475i	-0.0981-0.0112i
8.6	-0.2598-0.0460i	-0.0192-0.0013i	-0.7761+0.3947i	-0.3369-0.0337i	-0.0172-0.0087i	-1.3125+0.4923i	0.2219+0.2308i	-0.1005+0.0323i
8.7	-0.2792-0.0255i	-0.0181+0.0002i	-0.9113+0.4914i	-0.3600-0.0067i	-0.0134-0.0072i	-1.4747+0.6306i	0.2480+0.2118i	-0.0604+0.0814i
8.8	-0.3068+0.0104i	-0.0182+0.0003i	-1.0232+0.7241i	-0.3899+0.0408i	-0.0252-0.0009i	-1.6020+0.9516i	0.2782+0.1747i	0.0375+0.1319i
8.9	-0.3310+0.0472i	-0.0214+0.0021i	-1.1423+0.9448i	-0.4172+0.0894i	-0.0288+0.0014i	-1.7442+1.2581i	0.3013+0.1258i	0.2660+0.1482i
9.0	-0.3475+0.1103i	-0.0215+0.0103i	-1.2117+1.3160i	-0.4317+0.1699i	-0.0321+0.0127i	-1.8149+1.7636i	0.2978+0.0510i	0.4682-0.1619i
9.1	-0.3184+0.1628i	-0.0118+0.0139i	-1.1030+1.5553i	-0.3947+0.2309i	-0.0175+0.0231i	-1.6336+2.0827i	0.2137+0.0536i	0.0788-0.4156i
9.2	-0.3457+0.2409i	-0.0074+0.0156i	-1.2292+2.0726i	-0.4242+0.3303i	-0.0189+0.0280i	-1.7845+2.7650i	0.2479+0.0778i	-0.0514-0.3137i
9.3	-0.2824+0.4001i	-0.0000+0.0200i	-0.6504+2.9961i	-0.3342+0.5269i	-0.0170+0.0363i	-0.9968+3.9898i	0.2822+0.0152i	-0.0478-0.3639i
9.4	-0.0753+0.4449i	0.0085+0.0127i	0.7062+3.0571i	-0.0705+0.5697i	0.0059+0.0320i	0.8233+4.0559i	0.2411-0.0501i	-0.2188-0.4182i
9.5	0.0703+0.3688i	0.0114+0.0035i	1.5335+2.4256i	0.1084+0.4667i	0.0204+0.0240i	1.9299+3.2020i	0.1853-0.0737i	-0.4031-0.3274i
9.6	0.1099+0.2762i	0.0102-0.0016i	1.6536+1.7759i	0.1519+0.3476i	0.0187+0.0163i	2.0904+2.3302i	0.1476-0.0617i	-0.4681-0.1687i
9.7	0.1064+0.1765i	0.0067-0.0074i	1.5142+1.1628i	0.1429+0.2228i	0.0135+0.0027i	1.9039+1.5099i	0.1204-0.0324i	-0.4608-0.0171i
9.8	0.1048+0.1271i	0.0055-0.0093i	1.4218+0.8448i	0.1385+0.1611i	0.0161+0.0010i	1.7822+1.0879i	0.1124-0.0239i	-0.4224+0.1059i
9.9	0.0887+0.0964i	0.0028-0.0102i	1.2779+0.6534i	0.1162+0.1223i	0.0145+0.0000i	1.5941+0.8335i	0.1146-0.0160i	-0.3551+0.2066i
10.0	0.0706+0.0795i	-0.0000-0.0109i	1.1472+0.5542i	0.0939+0.1010i	0.0088-0.0028i	1.4233+0.7008i	0.1159-0.0143i	-0.2679+0.2447i
10.1	0.0567+0.0638i	-0.0000-0.0117i	1.0102+0.4727i	0.0746+0.0818i	0.0068-0.0061i	1.2452+0.5924i	0.1181-0.0207i	-0.1670+0.2541i
10.2	0.0462+0.0551i	-0.0006-0.0120i	0.9095+0.4292i	0.0608+0.0701i	0.0096-0.0076i	1.1166+0.5316i	0.1196-0.0332i	-0.1130+0.2383i
10.3	0.0381+0.0508i	-0.0020-0.0138i	0.8413+0.4220i	0.0498+0.0640i	0.0095-0.0036i	1.0292+0.5160i	0.1091-0.0507i	-0.0719+0.2232i
10.4	0.0329+0.0485i	-0.0031-0.0140i	0.8163+0.4358i	0.0425+0.0622i	0.0035-0.0053i	0.9897+0.5285i	0.0777-0.0514i	-0.0530+0.2131i
10.5	0.0322+0.0465i	-0.0029-0.0149i	0.8209+0.4219i	0.0399+0.0581i	0.0008-0.0059i	0.9896+0.5161i	0.0588-0.0367i	-0.0269+0.2049i
10.6	0.0303+0.0379i	-0.0048-0.0184i	0.8283+0.3798i	0.0377+0.0489i	0.0044-0.0114i	0.9986+0.4687i	0.0508-0.0234i	0.0115+0.2008i
10.7	0.0282+0.0326i	-0.0053-0.0164i	0.8155+0.3257i	0.0359+0.0424i	0.0043-0.0098i	0.9878+0.4029i	0.0503-0.0156i	0.0336+0.1626i
10.8	0.0238+0.0265i	-0.0064-0.0178i	0.7798+0.2686i	0.0285+0.0361i	0.0027-0.0144i	0.9484+0.3309i	0.0514-0.0079i	0.0353+0.1251i
10.9	0.0200+0.0217i	-0.0075-0.0193i	0.7450+0.2327i	0.0223+0.0310i	0.0014-0.0162i	0.9048+0.2849i	0.0499-0.0042i	0.0163+0.1230i
11.0	0.0144+0.0176i	-0.0099-0.0202i	0.7068+0.2075i	0.0159+0.0264i	-0.0021-0.0162i	0.8575+0.2538i	0.0486-0.0001i	-0.0038+0.1252i
11.1	0.0107+0.0167i	-0.0115-0.0222i	0.6703+0.1939i	0.0111+0.0250i	-0.0024-0.0194i	0.8143+0.2380i	0.0478+0.0018i	0.0057+0.1472i
11.2	0.0075+0.0139i	-0.0154-0.0234i	0.6394+0.1772i	0.0068+0.0224i	-0.0030-0.0186i	0.7776+0.2185i	0.0471+0.0050i	0.0350+0.1696i
11.3	0.0053+0.0118i	-0.0177-0.0240i	0.6163+0.1674i	0.0031+0.0204i	-0.0055-0.0243i	0.7515+0.2039i	0.0472+0.0055i	0.0721+0.1682i
11.4	0.0016+0.0098i	-0.0194-0.0236i	0.5907+0.1563i	-0.0014+0.0172i	-0.0062-0.0279i	0.7214+0.1881i	0.0449+0.0070i	0.0976+0.1755i
11.5	-0.0032+0.0085i	-0.0212-0.0232i	0.5630+0.1455i	-0.0071+0.0165i	-0.0143-0.0220i	0.6889+0.1760i	0.0412+0.0080i	0.1264+0.1797i
11.6	-0.0069+0.0081i	-0.0248-0.0216i	0.5381+0.1410i	-0.0114+0.0155i	-0.0205-0.0176i	0.6627+0.1723i	0.0364+0.0100i	0.1806+0.1761i
11.7	-0.0101+0.0076i	-0.0279-0.0202i	0.5121+0.1358i	-0.0165+0.0136i	-0.0261-0.0148i	0.6344+0.1652i	0.0359+0.0137i	0.2053+0.1317i
11.8	-0.0128+0.0068i	-0.0298-0.0183i	0.4913+0.1326i	-0.0218+0.0147i	-0.0187-0.0180i	0.6115+0.1593i	0.0345+0.0168i	0.2100+0.0925i
11.9	-0.0182+0.0073i	-0.0317-0.0160i	0.4642+0.1336i	-0.0284+0.0146i	-0.0267-0.0174i	0.5793+0.1567i	0.0300+0.0217i	0.2603+0.0526i

12.0	-0.0212+0.0079i	-0.0335-0.0130i	0.4470+0.1383i	-0.0332+0.0146i	-0.0244-0.0146i	0.5580+0.1606i	0.0286+0.0247i	0.2431+0.0069i
12.1	-0.0248+0.0084i	-0.0346-0.0123i	0.4272+0.1508i	-0.0375+0.0157i	-0.0288-0.0073i	0.5321+0.1734i	0.0261+0.0286i	0.2373-0.0323i
12.2	-0.0281+0.0078i	-0.0353-0.0106i	0.4133+0.1657i	-0.0407+0.0186i	-0.0309-0.0119i	0.5149+0.1901i	0.0248+0.0331i	0.2403-0.0376i
12.3	-0.0311+0.0085i	-0.0377-0.0102i	0.4009+0.1850i	-0.0456+0.0207i	-0.0323-0.0172i	0.4989+0.2089i	0.0236+0.0393i	0.2476-0.0563i
12.4	-0.0338+0.0113i	-0.0389-0.0092i	0.4007+0.2066i	-0.0492+0.0246i	-0.0334-0.0076i	0.4953+0.2323i	0.0261+0.0464i	0.2528-0.0787i
12.5	-0.0364+0.0127i	-0.0368-0.0085i	0.4191+0.2254i	-0.0536+0.0285i	-0.0348-0.0020i	0.5075+0.2570i	0.0315+0.0528i	0.2553-0.0917i
12.6	-0.0370+0.0128i	-0.0357-0.0074i	0.4431+0.2308i	-0.0559+0.0306i	-0.0346-0.0017i	0.5223+0.2692i	0.0379+0.0587i	0.2753-0.1142i
12.7	-0.0367+0.0125i	-0.0325-0.0092i	0.4716+0.2263i	-0.0581+0.0329i	-0.0302-0.0089i	0.5368+0.2739i	0.0421+0.0621i	0.3463-0.1451i
12.8	-0.0397+0.0102i	-0.0326-0.0175i	0.4864+0.2067i	-0.0610+0.0353i	-0.0337-0.0188i	0.5479+0.2704i	0.0443+0.0597i	0.4060-0.2364i
12.9	-0.0432+0.0069i	-0.0358-0.0302i	0.4981+0.1831i	-0.0656+0.0375i	-0.0363-0.0293i	0.5532+0.2721i	0.0469+0.0595i	0.4800-0.3914i
13.0	-0.0486+0.0046i	-0.0496-0.0456i	0.5035+0.1546i	-0.0703+0.0425i	-0.0506-0.0388i	0.5670+0.2781i	0.0385+0.0587i	0.4216-0.6599i
13.1	-0.0596+0.0032i	-0.0795-0.0532i	0.4953+0.1238i	-0.0726+0.0475i	-0.0877-0.0455i	0.5880+0.2710i	0.0331+0.0634i	0.1975-0.8012i
13.2	-0.0729+0.0015i	-0.1203-0.0541i	0.4830+0.0952i	-0.0758+0.0547i	-0.1366-0.0438i	0.6047+0.2608i	0.0286+0.0730i	-0.0594-0.8666i
13.3	-0.0877+0.0034i	-0.1630-0.0344i	0.4615+0.0762i	-0.0787+0.0602i	-0.1763-0.0193i	0.6114+0.2511i	0.0367+0.0892i	-0.3228-0.8599i
13.4	-0.1050+0.0089i	-0.2133+0.0099i	0.4450+0.0548i	-0.0795+0.0639i	-0.2153+0.0268i	0.6233+0.2456i	0.0464+0.0934i	-0.5898-0.7562i
13.5	-0.1232+0.0272i	-0.2464+0.1143i	0.4193+0.0249i	-0.0783+0.0652i	-0.2441+0.1471i	0.6459+0.2467i	0.0472+0.1023i	-0.7973-0.5461i
13.6	-0.1398+0.0540i	-0.2202+0.2375i	0.3706+0.0081i	-0.0843+0.0690i	-0.2117+0.2794i	0.6731+0.2501i	0.0612+0.1180i	-0.9306-0.3285i
13.7	-0.1363+0.0854i	-0.0954+0.3231i	0.3177+0.0352i	-0.0907+0.0756i	-0.0680+0.3626i	0.7234+0.2390i	0.0890+0.1247i	-0.9213-0.0213i
13.8	-0.1266+0.1024i	0.0528+0.3271i	0.2961+0.0773i	-0.0983+0.0784i	0.0950+0.3533i	0.7922+0.2026i	0.1095+0.1052i	-0.8686+0.2785i
13.9	-0.1249+0.1116i	0.1545+0.2541i	0.3117+0.1202i	-0.1137+0.0860i	0.1979+0.2668i	0.8458+0.1348i	0.1132+0.0901i	-0.6435+0.4698i
14.0	-0.1335+0.1248i	0.1984+0.1592i	0.3514+0.1453i	-0.1359+0.1038i	0.2417+0.1577i	0.8829+0.0527i	0.1062+0.0842i	-0.3873+0.5236i
14.1	-0.1454+0.1491i	0.1942+0.0928i	0.3938+0.1325i	-0.1543+0.1330i	0.2306+0.0840i	0.9054-0.0363i	0.0973+0.0881i	-0.2714+0.5174i
14.2	-0.1565+0.2022i	0.1788+0.0337i	0.4365+0.0859i	-0.1688+0.1935i	0.2069+0.0206i	0.9238-0.1867i	0.1075+0.0969i	-0.1435+0.4388i
14.3	-0.1369+0.2905i	0.1522-0.0205i	0.4660-0.0152i	-0.1498+0.2883i	0.1704-0.0408i	0.8767-0.4303i	0.1242+0.1042i	-0.0405+0.2851i
14.4	-0.0381+0.3781i	0.1121-0.0592i	0.4005-0.1409i	-0.0487+0.3780i	0.1240-0.0727i	0.6244-0.6737i	0.1464+0.1025i	0.0211+0.1911i
14.5	0.0971+0.3660i	0.0694-0.0621i	0.2535-0.1656i	0.0862+0.3642i	0.0792-0.0619i	0.2631-0.6541i	0.1716+0.0859i	0.0293+0.1370i
14.6	0.1978+0.2656i	0.0377-0.0450i	0.1208-0.0961i	0.1825+0.2642i	0.0578-0.0470i	-0.0118-0.4111i	0.1792+0.0537i	-0.0622+0.0814i
14.7	0.2112+0.1650i	0.0232-0.0293i	0.0687-0.0062i	0.1944+0.1665i	0.0476-0.0353i	-0.0786-0.1579i	0.1615+0.0326i	-0.1856+0.1008i
14.8	0.1910+0.1101i	0.0202-0.0217i	0.0656+0.0657i	0.1729+0.1127i	0.0316-0.0239i	-0.0460+0.0057i	0.1567+0.0285i	-0.2555+0.1576i
14.9	0.1602+0.0649i	0.0181-0.0171i	0.0953+0.1356i	0.1421+0.0732i	0.0311-0.0198i	0.0509+0.1573i	0.1440+0.0160i	-0.2683+0.3003i
15.0	0.1377+0.0467i	0.0154-0.0146i	0.1324+0.1702i	0.1202+0.0581i	0.0261-0.0241i	0.1481+0.2260i	0.1374+0.0105i	-0.1715+0.4117i
15.1	0.1213+0.0358i	0.0121-0.0123i	0.1663+0.1811i	0.1045+0.0464i	0.0272-0.0206i	0.2286+0.2497i	0.1379+0.0094i	-0.0426+0.4778i
15.2	0.1021+0.0303i	0.0108-0.0088i	0.2013+0.1749i	0.0863+0.0416i	0.0301-0.0137i	0.3155+0.2362i	0.1397+0.0072i	0.0894+0.4743i
15.3	0.0898+0.0235i	0.0120-0.0056i	0.2072+0.1479i	0.0750+0.0372i	0.0221-0.0092i	0.3457+0.1869i	0.1339+0.0117i	0.1748+0.3697i
15.4	0.0823+0.0201i	0.0118-0.0045i	0.2066+0.1308i	0.0657+0.0310i	0.0164-0.0069i	0.3645+0.1596i	0.1360-0.0002i	0.2431+0.2650i
15.5	0.0748+0.0187i	0.0120-0.0036i	0.1955+0.1224i	0.0583+0.0311i	0.0134-0.0191i	0.3651+0.1412i	0.1347-0.0005i	0.2401+0.1617i
15.6	0.0671+0.0179i	0.0114-0.0037i	0.1859+0.1162i	0.0507+0.0317i	0.0173-0.0112i	0.3642+0.1234i	0.1367+0.0017i	0.2191+0.0883i
15.7	0.0619+0.0164i	0.0107-0.0041i	0.1717+0.1172i	0.0454+0.0313i	0.0241-0.0074i	0.3574+0.1179i	0.1419-0.0024i	0.1823+0.0503i
15.8	0.0560+0.0151i	0.0088-0.0041i	0.1557+0.1155i	0.0382+0.0304i	0.0288-0.0111i	0.3475+0.1104i	0.1561-0.0191i	0.1314+0.0172i
15.9	0.0495+0.0146i	0.0086-0.0040i	0.1348+0.1214i	0.0318+0.0304i	0.0283-0.0081i	0.3369+0.1083i	0.1487-0.0459i	0.0394-0.0020i
16.0	0.0447+0.0138i	0.0082-0.0040i	0.1199+0.1337i	0.0269+0.0303i	0.0302-0.0118i	0.3312+0.1100i	0.1425-0.0590i	-0.0336+0.0274i
16.1	0.0401+0.0165i	0.0063-0.0011i	0.1157+0.1533i	0.0216+0.0346i	0.0217-0.0119i	0.3288+0.1232i	0.1420-0.0909i	-0.0304+0.1529i
16.2	0.0368+0.0194i	0.0055+0.0021i	0.1150+0.1624i	0.0191+0.0377i	0.0205-0.0069i	0.3278+0.1268i	0.1362-0.1412i	0.0444+0.2470i
16.3	0.0374+0.0259i	0.0100+0.0062i	0.1038+0.1728i	0.0197+0.0434i	0.0272-0.0029i	0.3237+0.1323i	0.0352-0.2371i	0.1585+0.2236i
16.4	0.0461+0.0263i	0.0166+0.0061i	0.0974+0.1773i	0.0271+0.0445i	0.0296-0.0068i	0.3138+0.1318i	-0.1175-0.2555i	0.2463+0.1790i
16.5	0.0511+0.0173i	0.0219+0.0025i	0.0851+0.1898i	0.0293+0.0358i	0.0357-0.0115i	0.3043+0.1476i	-0.2405-0.1086i	0.3128+0.0792i
16.6	0.0489+0.0082i	0.0227-0.0046i	0.0780+0.2183i	0.0258+0.0274i	0.0307-0.0148i	0.3086+0.1680i	-0.2665+0.0493i	0.2842-0.0960i
16.7	0.0419+0.0016i	0.0203-0.0083i	0.1027+0.2368i	0.0188+0.0213i	0.0284-0.0215i	0.3275+0.1788i	-0.1987+0.1917i	0.1164-0.1659i
16.8	0.0370+0.0011i	0.0179-0.0118i	0.1088+0.2301i	0.0129+0.0229i	0.0283-0.0223i	0.3254+0.1805i	-0.0941+0.2297i	0.0429-0.0947i
16.9	0.0287+0.0002i	0.0152-0.0146i	0.0965+0.2240i	0.0048+0.0210i	0.0421-0.0180i	0.3314+0.1919i	0.0214+0.1669i	0.0572-0.0416i
17.0	0.0234+0.0009i	0.0135-0.0148i	0.0840+0.2355i	-0.0030+0.0236i	0.0336-0.0271i	0.3439+0.1891i	-0.0179+0.1264i	0.0474-0.0303i
17.1	0.0194-0.0007i	0.0110-0.0174i	0.1026+0.2644i	-0.0076+0.0289i	0.0258-0.0363i	0.3563+0.1876i	-0.0247+0.2014i	0.0305+0.0159i
17.2	0.0138+0.0007i	0.0064-0.0177i	0.1284+0.2465i	-0.0086+0.0288i	0.0191-0.0236i	0.3655+0.1843i	0.0616+0.1995i	0.0806+0.0224i
17.3	0.0099+0.0035i	0.0023-0.0166i	0.1021+0.2223i	-0.0136+0.0307i	0.0120-0.0266i	0.3801+0.1715i	0.0367+0.1520i	0.0813-0.0720i
17.4	0.0070+0.0058i	-0.0007-0.0134i	0.0772+0.2364i	-0.0158+0.0367i	0.0023-0.0248i	0.3891+0.1507i	0.0141+0.1794i	0.0037-0.0639i
17.5	0.0073+0.0087i	0.0017-0.0116i	0.0773+0.2531i	-0.0170+0.0423i	-0.0048-0.0259i	0.3882+0.1308i	0.0207+0.2099i	0.0160-0.0116i
17.6	0.0042+0.0104i	-0.0000-0.0115i	0.0802+0.2492i	-0.0175+0.0419i	-0.0011-0.0279i	0.3670+0.1180i	0.0531+0.2269i	0.0608-0.0392i
17.7	0.0018+0.0111i	-0.0029-0.0116i	0.0688+0.2387i	-0.0195+0.0417i	-0.0032-0.0278i	0.3557+0.1081i	0.0706+0.2253i	0.0229-0.0981i
17.8	0.0019+0.0132i	-0.0024-0.0106i	0.0506+0.2353i	-0.0219+0.0435i	0.0015-0.0267i	0.3442+0.0922i	0.0745+0.2259i	-0.0361-0.0880i
17.9	0.0009+0.0171i	-0.0029-0.0087i	0.0251+0.2426i	-0.0259+0.0470i	0.0028-0.0162i	0.3164+0.0881i	0.0883+0.2503i	-0.0630-0.0389i
18.0	0.0006+0.0196i	-0.0009-0.0075i	0.0063+0.2586i	-0.0276+0.0527i	0.0062-0.0106i	0.3028+0.0999i	0.1208+0.2722i	-0.0523+0.0074i
18.1	0.0000+0.0233i	-0.0037-0.0077i	-0.0066+0.2847i	-0.0260+0.0594i	0.0019-0.0128i	0.2952+0.1110i	0.1551+0.2791i	-0.0274+0.0335i
18.2	-0.0003+0.0235i	-0.0021-0.0084i	-0.0144+0.3102i	-0.0224+0.0647i	0.0016-0.0147i	0.2800+0.0940i	0.2232+0.2747i	-0.0052+0.0433i

18.3	0.0030+0.0240i	-0.0007-0.0082i	-0.0092+0.3187i	-0.0177+0.0660i	0.0087-0.0154i	0.2533+0.0726i	0.2643+0.2476i	0.0001+0.0228i
18.4	0.0065+0.0220i	-0.0016-0.0095i	-0.0141+0.3069i	-0.0129+0.0627i	0.0064-0.0219i	0.2034+0.0489i	0.2789+0.2119i	0.0001+0.0080i
18.5	0.0091+0.0157i	0.0021-0.0092i	-0.0643+0.2810i	-0.0123+0.0478i	0.0019-0.0325i	0.0914+0.0623i	0.2693+0.1576i	-0.0018+0.0184i
18.6	-0.0039+0.0081i	0.0036-0.0180i	-0.1677+0.3447i	-0.0398+0.0375i	0.0000-0.0306i	0.0061+0.2539i	0.2082+0.1523i	0.0117+0.0314i
18.7	-0.0177+0.0147i	-0.0035-0.0243i	-0.1851+0.4500i	-0.0609+0.0543i	-0.0066-0.0290i	0.0943+0.3722i	0.2112+0.2051i	0.0186+0.0114i
18.8	-0.0160+0.0263i	-0.0127-0.0234i	-0.1229+0.5269i	-0.0564+0.0812i	-0.0046-0.0223i	0.1914+0.3431i	0.2716+0.2252i	-0.0179-0.0206i
18.9	-0.0127+0.0326i	-0.0181-0.0183i	-0.0809+0.5653i	-0.0497+0.0930i	0.0013-0.0223i	0.2111+0.3256i	0.2855+0.2264i	-0.0315-0.0195i
19.0	-0.0100+0.0378i	-0.0249-0.0119i	-0.0465+0.5964i	-0.0451+0.1019i	0.0056-0.0090i	0.2308+0.3327i	0.3157+0.2050i	-0.0380+0.0074i
19.1	-0.0075+0.0374i	-0.0278-0.0080i	-0.0187+0.6067i	-0.0393+0.1063i	0.0041-0.0081i	0.2379+0.3429i	0.3313+0.1784i	-0.0368+0.0366i
19.2	-0.0073+0.0375i	-0.0278-0.0024i	-0.0020+0.5996i	-0.0347+0.1071i	0.0129-0.0096i	0.2451+0.3426i	0.3234+0.1664i	-0.0138+0.0425i
19.3	-0.0057+0.0384i	-0.0270+0.0029i	0.0019+0.6037i	-0.0353+0.1088i	0.0144-0.0162i	0.2567+0.3383i	0.3235+0.1615i	0.0115+0.0273i
19.4	-0.0057+0.0413i	-0.0268+0.0087i	-0.0107+0.6245i	-0.0380+0.1155i	0.0158-0.0293i	0.2456+0.3365i	0.3491+0.1796i	-0.0009+0.0047i
19.5	-0.0048+0.0455i	-0.0263+0.0107i	-0.0036+0.6648i	-0.0360+0.1264i	0.0162-0.0342i	0.2483+0.3427i	0.3746+0.1791i	-0.0102-0.0032i
19.6	-0.0046+0.0484i	-0.0253+0.0142i	0.0230+0.7023i	-0.0299+0.1409i	0.0165-0.0387i	0.2491+0.3459i	0.4065+0.1650i	-0.0255-0.0008i
19.7	-0.0032+0.0493i	-0.0225+0.0174i	0.0359+0.7259i	-0.0229+0.1499i	0.0119-0.0524i	0.2424+0.3406i	0.4358+0.1452i	-0.0410+0.0087i
19.8	0.0023+0.0541i	-0.0161+0.0242i	0.0711+0.7703i	-0.0074+0.1640i	0.0040-0.0627i	0.2216+0.3387i	0.4724+0.1040i	-0.0568+0.0308i
19.9	0.0062+0.0538i	-0.0130+0.0250i	0.1063+0.7771i	0.0049+0.1626i	-0.0015-0.0677i	0.2093+0.3485i	0.4873+0.0692i	-0.0631+0.0437i
20.0	0.0080+0.0544i	-0.0078+0.0279i	0.1496+0.7917i	0.0228+0.1592i	-0.0268-0.0638i	0.1785+0.3788i	0.5008+0.0150i	-0.0565+0.0668i
20.1	0.0114+0.0537i	-0.0037+0.0271i	0.1860+0.7998i	0.0364+0.1562i	-0.0516-0.0524i	0.1685+0.4144i	0.4936-0.0148i	-0.0526+0.0803i
20.2	0.0149+0.0541i	0.0018+0.0273i	0.2312+0.7959i	0.0456+0.1514i	-0.0495-0.0443i	0.1757+0.4420i	0.4849-0.0374i	-0.0461+0.0865i
20.3	0.0191+0.0556i	0.0082+0.0290i	0.2712+0.7757i	0.0570+0.1470i	-0.0464-0.0243i	0.1767+0.4566i	0.4708-0.0687i	-0.0298+0.0961i
20.4	0.0231+0.0516i	0.0118+0.0255i	0.2681+0.7564i	0.0614+0.1402i	-0.0400-0.0196i	0.1635+0.4733i	0.4567-0.0945i	-0.0214+0.1007i
20.5	0.0247+0.0479i	0.0137+0.0249i	0.2713+0.7483i	0.0671+0.1343i	-0.0357-0.0210i	0.1490+0.4940i	0.4508-0.1193i	-0.0129+0.1096i
20.6	0.0291+0.0438i	0.0218+0.0178i	0.2745+0.7286i	0.0757+0.1244i	-0.0346-0.0239i	0.1208+0.5239i	0.4421-0.1334i	-0.0015+0.1137i
20.7	0.0336+0.0401i	0.0294+0.0114i	0.2587+0.7275i	0.0799+0.1143i	-0.0344-0.0097i	0.0841+0.5756i	0.4376-0.1542i	0.0084+0.1181i
20.8	0.0337+0.0358i	0.0256+0.0033i	0.2527+0.7452i	0.0788+0.1061i	-0.0339-0.0084i	0.0964+0.6382i	0.4171-0.1745i	0.0194+0.1275i
20.9	0.0319+0.0323i	0.0221+0.0036i	0.2548+0.7590i	0.0816+0.0988i	-0.0341-0.0077i	0.1030+0.6698i	0.3905-0.1883i	0.0384+0.1262i
21.0	0.0319+0.0291i	0.0234-0.0017i	0.2470+0.7880i	0.0824+0.0919i	-0.0312+0.0069i	0.0884+0.7339i	0.3627-0.1914i	0.0469+0.1171i
21.1	0.0314+0.0232i	0.0252-0.0074i	0.2360+0.8168i	0.0793+0.0812i	-0.0311+0.0015i	0.0568+0.8182i	0.3644-0.2064i	0.0490+0.1005i
21.2	0.0300+0.0181i	0.0194-0.0135i	0.2373+0.8547i	0.0772+0.0763i	-0.0175-0.0095i	0.0558+0.9061i	0.3627-0.2192i	0.0575+0.0961i
21.3	0.0256+0.0091i	0.0141-0.0208i	0.2367+0.9297i	0.0708+0.0675i	-0.0168-0.0196i	0.0636+1.0640i	0.3554-0.2530i	0.0759+0.0959i
21.4	0.0175+0.0086i	0.0027-0.0336i	0.2891+1.0119i	0.0621+0.0622i	-0.0300-0.0098i	0.1699+1.2141i	0.3260-0.2759i	0.0799+0.0950i
21.5	0.0143+0.0087i	-0.0215-0.0305i	0.3846+1.0474i	0.0540+0.0630i	-0.0252-0.0052i	0.3218+1.2724i	0.2779-0.2799i	0.0931+0.0831i
21.6	0.0097+0.0101i	-0.0185-0.0165i	0.4418+1.0753i	0.0501+0.0643i	-0.0027-0.0104i	0.4174+1.3506i	0.2423-0.2970i	0.1022+0.0668i
21.7	0.0072+0.0103i	-0.0237-0.0116i	0.5066+1.0879i	0.0447+0.0638i	-0.0035-0.0206i	0.5401+1.3910i	0.2231-0.2813i	0.0944+0.0519i
21.8	0.0014+0.0118i	-0.0388-0.0341i	0.5861+1.0937i	0.0397+0.0611i	-0.0303-0.0128i	0.6874+1.4257i	0.1973-0.2885i	0.0786+0.0576i
21.9	-0.0066+0.0135i	-0.0210-0.0079i	0.6827+1.1021i	0.0364+0.0681i	-0.0317-0.0257i	0.8487+1.4467i	0.1570-0.2712i	0.0727+0.0525i
22.0	-0.0106+0.0205i	-0.0296-0.0060i	0.7769+1.0747i	0.0294+0.0738i	-0.0260-0.0295i	1.0112+1.4230i	0.1370-0.2467i	0.0686+0.0559i
22.1	-0.0116+0.0271i	-0.0274-0.0003i	0.8546+1.0255i	0.0318+0.0815i	-0.0418-0.0241i	1.1419+1.3556i	0.1316-0.2192i	0.0644+0.0607i
22.2	-0.0166+0.0349i	-0.0192-0.0024i	0.9168+0.9746i	0.0375+0.0875i	-0.0646-0.0197i	1.2573+1.2866i	0.1416-0.2127i	0.0606+0.0722i
22.3	-0.0169+0.0381i	-0.0146+0.0049i	0.9761+0.9083i	0.0426+0.0920i	-0.0747-0.0136i	1.3579+1.1887i	0.1324-0.2052i	0.0679+0.0843i
22.4	-0.0133+0.0401i	-0.0209+0.0297i	1.0243+0.8321i	0.0464+0.0942i	-0.0944+0.0107i	1.4423+1.0800i	0.1054-0.1988i	0.0928+0.0866i
22.5	-0.0073+0.0459i	-0.0267+0.0325i	1.0544+0.7474i	0.0517+0.0909i	-0.0932+0.0396i	1.4931+0.9648i	0.0877-0.1766i	0.1042+0.0882i
22.6	-0.0034+0.0522i	-0.0264+0.0259i	1.0698+0.6574i	0.0598+0.0873i	-0.0928+0.0606i	1.5254+0.8435i	0.0761-0.1502i	0.1123+0.0841i
22.7	-0.0023+0.0543i	-0.0311+0.0222i	1.0737+0.5859i	0.0613+0.0806i	-0.0935+0.0788i	1.5479+0.7616i	0.0618-0.1142i	0.1173+0.0737i
22.8	0.0024+0.0554i	-0.0367+0.0435i	1.0506+0.5121i	0.0591+0.0739i	-0.0811+0.1226i	1.5441+0.6786i	0.0832-0.0882i	0.1250+0.0684i
22.9	0.0044+0.0560i	-0.0239+0.0485i	1.0092+0.4609i	0.0553+0.0711i	-0.0395+0.1383i	1.5081+0.6116i	0.1194-0.0893i	0.1237+0.0611i
23.0	0.0103+0.0539i	0.0026+0.0443i	0.9686+0.4344i	0.0520+0.0690i	0.0246+0.1360i	1.4801+0.5874i	0.1185-0.0957i	0.1297+0.0614i
23.1	0.0122+0.0516i	0.0207+0.0385i	0.9586+0.4070i	0.0504+0.0675i	0.0610+0.1150i	1.5231+0.5423i	0.0879-0.0645i	0.1499+0.0516i
23.2	0.0155+0.0499i	0.0186+0.0485i	0.9365+0.3602i	0.0482+0.0685i	0.0690+0.0993i	1.5214+0.4656i	0.0836-0.0370i	0.1568+0.0383i
23.3	0.0168+0.0498i	0.0317+0.0382i	0.9146+0.3266i	0.0435+0.0689i	0.1116+0.0794i	1.5258+0.4032i	0.0827-0.0127i	0.1642+0.0246i
23.4	0.0153+0.0465i	0.0418+0.0291i	0.8873+0.3047i	0.0381+0.0687i	0.1326+0.0503i	1.5248+0.3544i	0.0910+0.0105i	0.1756+0.0133i
23.5	0.0142+0.0429i	0.0485+0.0215i	0.8515+0.2868i	0.0353+0.0715i	0.1349+0.0084i	1.5173+0.3100i	0.1063+0.0271i	0.1791-0.0038i
23.6	0.0155+0.0428i	0.0415+0.0130i	0.8250+0.2707i	0.0296+0.0742i	0.1267-0.0204i	1.5066+0.2806i	0.1285+0.0659i	0.1792-0.0188i
23.7	0.0152+0.0462i	0.0304+0.0008i	0.7926+0.2600i	0.0271+0.0809i	0.1117-0.0445i	1.4918+0.2361i	0.1511+0.0894i	0.1788-0.0360i
23.8	0.0145+0.0468i	0.0294-0.0073i	0.7597+0.2497i	0.0277+0.0876i	0.0967-0.0800i	1.4852+0.1791i	0.1759+0.1032i	0.1794-0.0594i
23.9	0.0155+0.0458i	0.0250-0.0044i	0.7367+0.2497i	0.0302+0.0904i	0.0690-0.0958i	1.4616+0.1451i	0.2163+0.1035i	0.1686-0.0720i
24.0	0.0166+0.0447i	0.0211+0.0015i	0.7057+0.2527i	0.0319+0.0925i	0.0525-0.0875i	1.4238+0.1260i	0.2591+0.0971i	0.1529-0.0820i
24.1	0.0186+0.0456i	0.0114+0.0118i	0.6729+0.2608i	0.0366+0.0961i	0.0249-0.0734i	1.3751+0.0870i	0.3186+0.1199i	0.1293-0.0983i
24.2	0.0204+0.0459i	0.0071+0.0098i	0.6599+0.2772i	0.0422+0.1017i	0.0064-0.0631i	1.3261+0.0742i	0.3696+0.1162i	0.1056-0.1015i
24.3	0.0244+0.0448i	0.0054+0.0061i	0.6544+0.2841i	0.0481+0.0993i	-0.0021-0.0509i	1.2847+0.0728i	0.3806+0.0932i	0.0903-0.0970i
24.4	0.0256+0.0398i	0.0107+0.0119i	0.6421+0.2892i	0.0497+0.0933i	0.0059-0.0506i	1.2433+0.0879i	0.4184+0.0922i	0.0731-0.0882i
24.5	0.0227+0.0374i	0.0150+0.0144i	0.6357+0.3045i	0.0503+0.0937i	0.0029-0.0514i	1.2453+0.1088i	0.4709+0.0909i	0.0706-0.0782i

24.6	0.0199+0.0343i	0.0150+0.0135i	0.6267+0.3184i	0.0472+0.0904i	-0.0023-0.0452i	1.2402+0.1336i	0.5325+0.0727i	0.0737-0.0766i
24.7	0.0165+0.0347i	0.0168+0.0113i	0.6230+0.3277i	0.0421+0.0896i	-0.0110-0.0330i	1.2467+0.1467i	0.6138-0.0211i	0.0703-0.0664i
24.8	0.0162+0.0365i	0.0146+0.0104i	0.6213+0.3288i	0.0388+0.0924i	-0.0111-0.0352i	1.2681+0.1428i	0.6718-0.1388i	0.0669-0.0579i
24.9	0.0122+0.0357i	0.0158+0.0141i	0.6077+0.3240i	0.0367+0.0948i	-0.0028-0.0434i	1.2761+0.1251i	0.6257-0.2645i	0.0731-0.0513i
25.0	0.0094+0.0373i	0.0177+0.0165i	0.5937+0.3376i	0.0372+0.0988i	-0.0043-0.0424i	1.2654+0.1233i	0.5316-0.2988i	0.0847-0.0545i
25.1	0.0098+0.0399i	0.0176+0.0130i	0.5766+0.3605i	0.0339+0.1088i	-0.0177-0.0379i	1.2533+0.1376i	0.4888-0.3199i	0.0918-0.0697i
25.2	0.0081+0.0434i	0.0223+0.0155i	0.5740+0.3820i	0.0342+0.1158i	-0.0089-0.0299i	1.2527+0.1476i	0.4678-0.3628i	0.0910-0.0760i
25.3	0.0093+0.0455i	0.0264+0.0168i	0.5760+0.4060i	0.0394+0.1208i	-0.0034-0.0412i	1.2350+0.1614i	0.4062-0.4037i	0.0854-0.0792i
25.4	0.0107+0.0451i	0.0293+0.0131i	0.6135+0.4414i	0.0469+0.1236i	-0.0040-0.0421i	1.2499+0.2057i	0.2889-0.3668i	0.0796-0.0851i
25.5	0.0103+0.0463i	0.0285+0.0115i	0.6447+0.4550i	0.0523+0.1271i	-0.0022-0.0341i	1.3045+0.2450i	0.2482-0.3185i	0.0727-0.0907i
25.6	0.0104+0.0486i	0.0291+0.0120i	0.6793+0.4440i	0.0551+0.1306i	-0.0016-0.0421i	1.3755+0.2384i	0.2546-0.2805i	0.0590-0.0933i
25.7	0.0097+0.0502i	0.0309+0.0105i	0.6958+0.4348i	0.0545+0.1310i	-0.0088-0.0502i	1.4317+0.2519i	0.2547-0.2556i	0.0516-0.0858i
25.8	0.0087+0.0534i	0.0308+0.0104i	0.6871+0.4217i	0.0574+0.1396i	-0.0049-0.0609i	1.4489+0.2122i	0.2633-0.2093i	0.0515-0.0753i
25.9	0.0124+0.0544i	0.0341+0.0116i	0.6891+0.4372i	0.0704+0.1469i	-0.0133-0.0561i	1.4573+0.2207i	0.3013-0.1785i	0.0578-0.0720i
26.0	0.0140+0.0573i	0.0363+0.0062i	0.7271+0.4289i	0.0805+0.1470i	-0.0309-0.0564i	1.5334+0.2046i	0.3506-0.2033i	0.0573-0.0805i
26.1	0.0177+0.0607i	0.0323-0.0051i	0.7408+0.4045i	0.0869+0.1459i	-0.0333-0.0429i	1.5930+0.1495i	0.3566-0.2474i	0.0546-0.0888i
26.2	0.0195+0.0626i	0.0299-0.0097i	0.7311+0.3846i	0.0948+0.1452i	-0.0562-0.0415i	1.6211+0.0917i	0.3558-0.2558i	0.0499-0.0954i
26.3	0.0240+0.0613i	0.0240-0.0137i	0.7130+0.3721i	0.1046+0.1416i	-0.0634-0.0514i	1.6450+0.0422i	0.3498-0.2926i	0.0408-0.0925i
26.4	0.0310+0.0619i	0.0225-0.0159i	0.7083+0.3640i	0.1150+0.1337i	-0.0705-0.0285i	1.6603+0.0074i	0.3248-0.3015i	0.0378-0.0865i
26.5	0.0364+0.0596i	0.0156-0.0216i	0.7004+0.3636i	0.1201+0.1210i	-0.0839-0.0145i	1.6448-0.0222i	0.2978-0.2964i	0.0348-0.0785i
26.6	0.0349+0.0514i	0.0010-0.0199i	0.6913+0.3844i	0.1146+0.1086i	-0.0607-0.0061i	1.6325-0.0277i	0.2980-0.3018i	0.0359-0.0749i
26.7	0.0330+0.0486i	-0.0074-0.0085i	0.6906+0.4131i	0.1064+0.1079i	-0.0477+0.0060i	1.6476-0.0337i	0.2727-0.2996i	0.0405-0.0718i
26.8	0.0289+0.0516i	-0.0097+0.0024i	0.7214+0.4221i	0.1008+0.1089i	-0.0273+0.0032i	1.6959-0.0505i	0.2763-0.2777i	0.0446-0.0650i
26.9	0.0258+0.0532i	-0.0066+0.0132i	0.7478+0.4177i	0.0974+0.1170i	-0.0136+0.0046i	1.7394-0.0999i	0.2915-0.2725i	0.0431-0.0696i
27.0	0.0284+0.0552i	-0.0068+0.0273i	0.7635+0.4078i	0.1014+0.1253i	-0.0203+0.0056i	1.7692-0.1768i	0.2998-0.2722i	0.0457-0.0763i
27.1	0.0301+0.0584i	-0.0005+0.0354i	0.7756+0.3950i	0.1111+0.1265i	-0.0194+0.0099i	1.7746-0.2366i	0.2776-0.2714i	0.0464-0.0790i
27.2	0.0323+0.0584i	0.0143+0.0516i	0.7804+0.3822i	0.1186+0.1288i	-0.0269+0.0108i	1.7728-0.3096i	0.2803-0.2539i	0.0435-0.0846i
27.3	0.0336+0.0573i	0.0285+0.0592i	0.7851+0.3623i	0.1227+0.1265i	-0.0130+0.0229i	1.7447-0.3763i	0.3139-0.2636i	0.0360-0.0896i
27.4	0.0359+0.0563i	0.0448+0.0508i	0.7756+0.3465i	0.1243+0.1222i	0.0163+0.0086i	1.7036-0.3862i	0.3155-0.2761i	0.0345-0.0876i
27.5	0.0369+0.0535i	0.0550+0.0495i	0.7648+0.3452i	0.1290+0.1211i	0.0117-0.0049i	1.7039-0.3944i	0.3180-0.2723i	0.0351-0.0848i
27.6	0.0362+0.0541i	0.0712+0.0415i	0.7679+0.3534i	0.1339+0.1205i	0.0065-0.0109i	1.7014-0.4336i	0.3155-0.2639i	0.0322-0.0880i
27.7	0.0345+0.0566i	0.0836+0.0245i	0.7762+0.3520i	0.1390+0.1184i	0.0079-0.0181i	1.6765-0.4844i	0.2895-0.2644i	0.0302-0.0919i
27.8	0.0356+0.0571i	0.0902+0.0011i	0.7882+0.3473i	0.1439+0.1133i	0.0108-0.0367i	1.6445-0.5029i	0.3180-0.2385i	0.0254-0.0904i
27.9	0.0359+0.0584i	0.0860-0.0063i	0.7871+0.3376i	0.1422+0.1126i	0.0129-0.0594i	1.6259-0.5069i	0.3174-0.2177i	0.0270-0.0920i
28.0	0.0349+0.0629i	0.0871-0.0121i	0.7832+0.3299i	0.1423+0.1132i	0.0045-0.0488i	1.6196-0.5340i	0.3007-0.2221i	0.0287-0.0938i
28.1	0.0340+0.0716i	0.0865-0.0291i	0.7717+0.3351i	0.1425+0.1218i	-0.0017-0.0435i	1.5891-0.5541i	0.3042-0.2479i	0.0265-0.0962i
28.2	0.0451+0.0823i	0.0742-0.0479i	0.7892+0.3634i	0.1556+0.1308i	-0.0176-0.0371i	1.5703-0.5365i	0.3121-0.2524i	0.0174-0.0975i
28.3	0.0596+0.0815i	0.0582-0.0533i	0.8347+0.3472i	0.1751+0.1205i	-0.0346-0.0485i	1.6047-0.5098i	0.3209-0.1671i	0.0146-0.0956i
28.4	0.0659+0.0765i	0.0490-0.0506i	0.8472+0.3101i	0.1825+0.1056i	-0.0359-0.0568i	1.6358-0.5226i	0.3592-0.1442i	0.0150-0.0895i
28.5	0.0686+0.0731i	0.0422-0.0474i	0.8413+0.2942i	0.1832+0.0989i	-0.0335-0.0514i	1.6590-0.5402i	0.4094-0.1478i	0.0149-0.0909i
28.6	0.0708+0.0731i	0.0383-0.0472i	0.8356+0.2812i	0.1837+0.0956i	-0.0340-0.0398i	1.6862-0.5671i	0.4280-0.1668i	0.0137-0.0901i
28.7	0.0753+0.0733i	0.0367-0.0521i	0.8400+0.2655i	0.1863+0.0922i	-0.0453-0.0395i	1.7182-0.6139i	0.3909-0.1688i	0.0204-0.0878i
28.8	0.0804+0.0715i	0.0360-0.0576i	0.8378+0.2535i	0.1896+0.0846i	-0.0374-0.0466i	1.7329-0.6661i	0.3782-0.1213i	0.0238-0.0943i
28.9	0.0851+0.0670i	0.0331-0.0521i	0.8308+0.2453i	0.1902+0.0826i	-0.0257-0.0226i	1.7550-0.7270i	0.4405-0.0974i	0.0219-0.1006i
29.0	0.0879+0.0635i	0.0286-0.0448i	0.8254+0.2308i	0.1916+0.0793i	-0.0179-0.0246i	1.7602-0.8016i	0.5139-0.0652i	0.0191-0.1093i
29.1	0.0929+0.0624i	0.0247-0.0543i	0.8207+0.2171i	0.1965+0.0717i	-0.0208-0.0309i	1.7367-0.8716i	0.5534-0.0222i	0.0145-0.1144i
29.2	0.0993+0.0588i	0.0228-0.0560i	0.8011+0.2144i	0.1977+0.0716i	-0.0239-0.0353i	1.7054-0.9424i	0.6554-0.0243i	0.0092-0.1201i
29.3	0.1049+0.0530i	0.0229-0.0575i	0.7923+0.2079i	0.2011+0.0670i	-0.0245-0.0439i	1.6759-0.9999i	0.7256-0.0360i	0.0008-0.1205i
29.4	0.1094+0.0504i	0.0173-0.0627i	0.7879+0.1998i	0.2052+0.0583i	-0.0198-0.0537i	1.6625-1.0698i	0.8073-0.0110i	-0.0080-0.1248i
29.5	0.1107+0.0480i	0.0114-0.0662i	0.7735+0.1976i	0.2039+0.0509i	-0.0136-0.0651i	1.6065-1.1550i	0.9035-0.0096i	-0.0132-0.1277i
29.6	0.1141+0.0388i	0.0082-0.0673i	0.7563+0.2060i	0.2043+0.0469i	-0.0251-0.0831i	1.5275-1.1824i	1.0480-0.0473i	-0.0276-0.1318i
29.7	0.1173+0.0326i	0.0007-0.0713i	0.7506+0.2130i	0.2065+0.0396i	-0.0295-0.0875i	1.4563-1.2195i	1.2280-0.1113i	-0.0458-0.1319i
29.8	0.1189+0.0268i	-0.0031-0.0746i	0.7492+0.2231i	0.2061+0.0340i	-0.0296-0.0887i	1.4052-1.2339i	1.3039-0.2309i	-0.0473-0.1246i
29.9	0.1180+0.0194i	-0.0095-0.0740i	0.7597+0.2458i	0.2087+0.0318i	-0.0353-0.1142i	1.3916-1.2818i	1.4864-0.2998i	-0.0613-0.1285i
30.0	0.1129+0.0097i	-0.0288-0.0750i	0.7771+0.2464i	0.2059+0.0200i	-0.0556-0.1089i	1.3196-1.2932i	1.4887-0.4807i	-0.0673-0.1206i
30.1	0.1096+0.0042i	-0.0451-0.0778i	0.8011+0.2346i	0.1981+0.0086i	-0.0691-0.0914i	1.2361-1.2926i	1.4917-0.7499i	-0.0751-0.1018i
30.2	0.0998+0.0032i	-0.0541-0.0686i	0.8261+0.2096i	0.1876+0.0006i	-0.0955-0.0608i	1.1728-1.2965i	1.5866-0.9726i	-0.0931-0.0901i
30.3	0.0880+0.0135i	-0.0542-0.0540i	0.8379+0.1589i	0.1758+0.0009i	-0.0915-0.0422i	1.1252-1.2964i	1.6173-1.1146i	-0.1023-0.0780i
30.4	0.0907+0.0295i	-0.0407-0.0378i	0.8018+0.1089i	0.1726+0.0128i	-0.0622-0.0317i	1.0987-1.3140i	1.4777-1.3462i	-0.0964-0.0596i
30.5	0.1044+0.0385i	-0.0305-0.0450i	0.7452+0.0971i	0.1769+0.0211i	-0.0462-0.0486i	1.0248-1.3452i	1.4189-1.5867i	-0.0929-0.0483i
30.6	0.1183+0.0402i	-0.0378-0.0680i	0.7095+0.1145i	0.1812+0.0190i	-0.0441-0.0688i	0.9221-1.3567i	1.2662-1.7334i	-0.0866-0.0354i
30.7	0.1310+0.0357i	-0.0622-0.0916i	0.6869+0.1497i	0.1810+0.0136i	-0.0451-0.0940i	0.7947-1.3421i	1.1550-1.9201i	-0.0860-0.0221i
30.8	0.1429+0.0248i	-0.1019-0.0931i	0.7050+0.1770i	0.1803+0.0117i	-0.0735-0.1122i	0.6983-1.2682i	0.9910-2.0941i	-0.0841-0.0084i

30.9	0.1493+0.0151i	-0.1344-0.0805i	0.7227+0.1879i	0.1796+0.0144i	-0.1014-0.0959i	0.6615-1.1689i	0.9301-2.1841i	-0.0803+0.0003i
31.0	0.1508+0.0072i	-0.1577-0.0535i	0.7342+0.1744i	0.1789+0.0140i	-0.1206-0.0902i	0.6307-1.1091i	0.7651-2.1745i	-0.0695+0.0030i
31.1	0.1538-0.0025i	-0.1802-0.0209i	0.7345+0.1454i	0.1718+0.0121i	-0.1285-0.0902i	0.5971-1.0303i	0.6830-2.3215i	-0.0634+0.0190i
31.2	0.1530-0.0084i	-0.1894+0.0069i	0.7100+0.1288i	0.1626+0.0199i	-0.1347-0.0734i	0.5858-0.9485i	0.5849-2.4326i	-0.0511+0.0234i
31.3	0.1556-0.0085i	-0.1984+0.0321i	0.6924+0.1299i	0.1576+0.0307i	-0.1483-0.0756i	0.5861-0.8936i	0.2824-2.5083i	-0.0276+0.0237i
31.4	0.1624-0.0127i	-0.1994+0.0581i	0.6849+0.1348i	0.1627+0.0381i	-0.1575-0.0734i	0.6104-0.8354i	0.0865-2.5004i	-0.0224+0.0226i
31.5	0.1682-0.0208i	-0.2091+0.0949i	0.6796+0.1353i	0.1668+0.0461i	-0.1703-0.0579i	0.6398-0.7819i	-0.0591-2.5002i	-0.0135+0.0242i
31.6	0.1698-0.0267i	-0.1943+0.1183i	0.6667+0.1356i	0.1759+0.0518i	-0.1687-0.0430i	0.6710-0.7532i	-0.2868-2.5994i	-0.0021+0.0331i
31.7	0.1717-0.0372i	-0.1892+0.1692i	0.6643+0.1254i	0.1857+0.0613i	-0.1672-0.0237i	0.6912-0.7255i	-0.4445-2.6980i	0.0034+0.0332i
31.8	0.1723-0.0533i	-0.1524+0.2394i	0.6453+0.1051i	0.2033+0.0751i	-0.1759+0.0070i	0.7108-0.6786i	-0.7271-2.5266i	0.0216+0.0207i
31.9	0.1721-0.0626i	-0.1193+0.2875i	0.6044+0.1107i	0.2150+0.0806i	-0.1670+0.0156i	0.7479-0.6572i	-1.0636-2.3662i	0.0460+0.0098i
32.0	0.1687-0.0656i	-0.1022+0.2931i	0.5701+0.1228i	0.2189+0.0809i	-0.1674+0.0246i	0.7636-0.6477i	-1.2121-2.1221i	0.0547-0.0037i
32.1	0.1659-0.0750i	-0.0633+0.3231i	0.5392+0.1254i	0.2316+0.0854i	-0.1696+0.0368i	0.7898-0.6433i	-1.4330-2.0199i	0.0644-0.0113i
32.2	0.1559-0.0823i	0.0257+0.3438i	0.5085+0.1626i	0.2583+0.0916i	-0.1547+0.0434i	0.8146-0.6281i	-1.4482-1.8629i	0.0537-0.0306i
32.3	0.1530-0.0816i	0.0903+0.3430i	0.4841+0.2133i	0.2819+0.0971i	-0.1534+0.0444i	0.8425-0.6349i	-1.4839-1.7800i	0.0484-0.0445i
32.4	0.1483-0.0796i	0.1598+0.3344i	0.4686+0.2689i	0.3151+0.0994i	-0.1398+0.0578i	0.8752-0.6499i	-1.5686-1.6863i	0.0420-0.0595i
32.5	0.1519-0.0828i	0.2226+0.3140i	0.5080+0.3232i	0.3532+0.0888i	-0.1194+0.0747i	0.8607-0.6482i	-1.5980-1.4052i	0.0283-0.0793i
32.6	0.1498-0.0788i	0.2832+0.2601i	0.5361+0.3629i	0.3813+0.0688i	-0.1117+0.0801i	0.8335-0.6503i	-1.6090-1.2509i	0.0079-0.0784i
32.7	0.1542-0.0771i	0.3211+0.2143i	0.5613+0.3967i	0.4083+0.0484i	-0.0909+0.0886i	0.8152-0.6369i	-1.6477-1.1534i	-0.0008-0.0771i
32.8	0.1631-0.0765i	0.3397+0.1364i	0.5870+0.4069i	0.4323+0.0092i	-0.0816+0.0853i	0.8227-0.5976i	-1.6564-0.9608i	-0.0107-0.0729i
32.9	0.1731-0.0753i	0.3151+0.0797i	0.6077+0.4320i	0.4334-0.0188i	-0.0849+0.0799i	0.8261-0.5585i	-1.6131-0.7844i	-0.0134-0.0670i
33.0	0.1882-0.0794i	0.2792+0.0458i	0.6430+0.4594i	0.4335-0.0435i	-0.0720+0.1000i	0.8592-0.5232i	-1.5339-0.5843i	-0.0104-0.0632i
33.1	0.2063-0.0802i	0.2515+0.0071i	0.6987+0.4872i	0.4392-0.0660i	-0.0420+0.1037i	0.9030-0.4657i	-1.3908-0.4509i	-0.0133-0.0576i
33.2	0.2254-0.0988i	0.2206+0.0491i	0.7556+0.5197i	0.4426-0.0612i	-0.0289+0.0953i	0.9496-0.4611i	-1.2632-0.4280i	-0.0114-0.0768i
33.3	0.2406-0.1228i	0.2154+0.0588i	0.8452+0.5001i	0.4544-0.0881i	-0.0094+0.0892i	1.0154-0.4649i	-1.1995-0.3909i	-0.0163-0.0733i
33.4	0.2473-0.1452i	0.2504+0.0273i	0.9323+0.4333i	0.4788-0.1323i	0.0154+0.0438i	1.0614-0.4758i	-1.1439-0.3940i	-0.0318-0.0531i
33.5	0.2462-0.1715i	0.2620-0.0178i	0.9684+0.3380i	0.4835-0.1868i	0.0168+0.0098i	1.1076-0.4975i	-1.0810-0.3915i	-0.0394-0.0358i
33.6	0.2439-0.1961i	0.2665-0.0639i	0.9984+0.2522i	0.4825-0.2396i	0.0170-0.0095i	1.1403-0.5354i	-1.1321-0.3616i	-0.0379-0.0199i
33.7	0.2294-0.2098i	0.2537-0.1051i	0.9876+0.1749i	0.4547-0.2744i	0.0100-0.0380i	1.1441-0.5617i	-1.0924-0.3253i	-0.0380-0.0078i
33.8	0.2160-0.2207i	0.2113-0.1116i	0.9423+0.0941i	0.4115-0.2902i	-0.0248-0.0555i	1.1485-0.5901i	-0.9786-0.2555i	-0.0180-0.0093i
33.9	0.2183-0.2291i	0.1796-0.0988i	0.8944+0.0329i	0.3904-0.2898i	-0.0411-0.0504i	1.1627-0.6243i	-0.8930-0.2841i	-0.0030-0.0108i
34.0	0.2161-0.2304i	0.1638-0.1078i	0.8148-0.0117i	0.3763-0.2920i	-0.0383-0.0533i	1.1548-0.6392i	-0.7960-0.2515i	0.0060-0.0098i
34.1	0.2145-0.2377i	0.1449-0.1013i	0.7377-0.0132i	0.3632-0.2894i	-0.0605-0.0540i	1.1271-0.6681i	-0.8291-0.3153i	0.0023-0.0100i
34.2	0.2163-0.2522i	0.1399-0.0884i	0.6866+0.0144i	0.3617-0.2919i	-0.0850-0.0480i	1.0956-0.6816i	-0.7941-0.3345i	-0.0033-0.0161i
34.3	0.2217-0.2668i	0.1384-0.0688i	0.6513+0.0310i	0.3684-0.2952i	-0.0852-0.0571i	1.0936-0.6737i	-0.7208-0.3584i	0.0018-0.0246i
34.4	0.2287-0.2757i	0.1261-0.0765i	0.6148+0.0366i	0.3710-0.3084i	-0.0939-0.0652i	1.0682-0.6264i	-0.7212-0.3937i	0.0001-0.0138i
34.5	0.2335-0.2850i	0.1207-0.0828i	0.5728+0.0649i	0.3760-0.3170i	-0.1264-0.0422i	1.0734-0.5968i	-0.7271-0.3770i	0.0068-0.0077i
34.6	0.2403-0.2999i	0.1233-0.0943i	0.5695+0.0783i	0.3863-0.3416i	-0.1194-0.0315i	1.0683-0.5425i	-0.6831-0.3528i	0.0064+0.0067i
34.7	0.2486-0.3268i	0.1010-0.0942i	0.5386+0.0972i	0.3843-0.3700i	-0.1154-0.0332i	1.1374-0.5121i	-0.6736-0.4090i	0.0228+0.0140i
34.8	0.2522-0.3484i	0.1023-0.0857i	0.5162+0.1253i	0.3861-0.3791i	-0.1117-0.0531i	1.1764-0.4902i	-0.5977-0.4756i	0.0258+0.0138i
34.9	0.2532-0.3665i	0.1075-0.0931i	0.5186+0.1436i	0.3937-0.3983i	-0.1347-0.0556i	1.1917-0.4623i	-0.5961-0.4867i	0.0302+0.0319i
35.0	0.2621-0.3896i	0.0939-0.1086i	0.5052+0.1522i	0.3969-0.4325i	-0.1449-0.0572i	1.2568-0.4391i	-0.5997-0.5300i	0.0495+0.0426i
35.1	0.2703-0.4111i	0.0787-0.1170i	0.4961+0.1694i	0.4005-0.4600i	-0.1453-0.0499i	1.3253-0.4146i	-0.6375-0.6094i	0.0692+0.0444i
35.2	0.2742-0.4412i	0.0743-0.1089i	0.4776+0.1880i	0.4038-0.4857i	-0.1484-0.0478i	1.3844-0.4203i	-0.6637-0.6464i	0.0870+0.0404i
35.3	0.2815-0.4951i	0.0623-0.0964i	0.4563+0.1975i	0.4037-0.5388i	-0.1555-0.0610i	1.4679-0.4545i	-0.7175-0.6837i	0.1102+0.0273i
35.4	0.2725-0.5475i	0.0573-0.0801i	0.4562+0.2247i	0.3940-0.5855i	-0.1735-0.0478i	1.5289-0.4963i	-0.7655-0.6719i	0.1234+0.0093i
35.5	0.2676-0.5782i	0.0518-0.0818i	0.4512+0.2323i	0.3898-0.6169i	-0.1871-0.0496i	1.5769-0.5220i	-0.8316-0.7187i	0.1326+0.0101i
35.6	0.2425-0.6231i	0.0640-0.0783i	0.4426+0.2497i	0.3665-0.6661i	-0.2040-0.0501i	1.6018-0.5661i	-0.8915-0.7275i	0.1373-0.0018i
35.7	0.2183-0.6657i	0.0637-0.0775i	0.4284+0.2534i	0.3332-0.7153i	-0.1933-0.0375i	1.6358-0.6048i	-0.9622-0.7512i	0.1542-0.0106i
35.8	0.1902-0.7080i	0.0623-0.0784i	0.4134+0.2647i	0.2972-0.7578i	-0.1996-0.0384i	1.6739-0.6300i	-1.0407-0.7299i	0.1676-0.0264i
35.9	0.1524-0.7377i	0.0680-0.0773i	0.3934+0.2873i	0.2580-0.7814i	-0.2316-0.0404i	1.6896-0.6671i	-1.1016-0.6915i	0.1720-0.0352i
36.0	0.1166-0.7647i	0.0688-0.0767i	0.3679+0.3062i	0.2187-0.8036i	-0.2523-0.0259i	1.7058-0.7033i	-1.1280-0.6639i	0.1831-0.0403i
36.1	0.0725-0.7976i	0.0692-0.0702i	0.3539+0.3307i	0.1620-0.8264i	-0.2525+0.0093i	1.6994-0.7628i	-1.1513-0.6517i	0.1880-0.0543i
36.2	0.0387-0.8314i	0.0609-0.0667i	0.3402+0.3628i	0.1189-0.8504i	-0.2625+0.0038i	1.7238-0.7968i	-1.2288-0.5610i	0.2084-0.0615i
36.3	0.0150-0.8555i	0.0580-0.0701i	0.3339+0.3846i	0.0913-0.8674i	-0.2736-0.0010i	1.7503-0.7954i	-1.2934-0.5381i	0.2297-0.0759i
36.4	-0.0481-0.8868i	0.0489-0.0597i	0.3000+0.4199i	0.0190-0.8816i	-0.2782+0.0118i	1.7899-0.8272i	-1.3285-0.5230i	0.2582-0.1199i
36.5	-0.0993-0.8907i	0.0451-0.0583i	0.2880+0.4856i	-0.0286-0.8774i	-0.2955+0.0308i	1.8251-0.8943i	-1.3627-0.4426i	0.2664-0.1636i
36.6	-0.1460-0.9072i	0.0356-0.0606i	0.2969+0.5416i	-0.0810-0.8956i	-0.2915+0.0516i	1.8370-0.9898i	-1.3549-0.3734i	0.2728-0.1892i
36.7	-0.1879-0.9073i	0.0304-0.0541i	0.3244+0.5918i	-0.1281-0.8816i	-0.3042+0.0472i	1.7946-1.0655i	-1.3932-0.3318i	0.2790-0.2188i
36.8	-0.2024-0.9035i	0.0354-0.0500i	0.3356+0.6307i	-0.1367-0.8594i	-0.3163+0.0564i	1.7798-1.0692i	-1.4269-0.2620i	0.2749-0.2539i
36.9	-0.2210-0.9102i	0.0294-0.0451i	0.3626+0.6572i	-0.1543-0.8544i	-0.3117+0.0885i	1.7383-1.0663i	-1.3958-0.1912i	0.2556-0.2883i
37.0	-0.2465-0.9064i	0.0293-0.0281i	0.3686+0.6632i	-0.1761-0.8319i	-0.3037+0.0966i	1.7221-1.0298i	-1.3861-0.1680i	0.2490-0.3198i
37.1	-0.2564-0.9299i	0.0364-0.0147i	0.3646+0.7016i	-0.1759-0.8344i	-0.3118+0.1080i	1.7512-1.0016i	-1.4216-0.1309i	0.2461-0.3621i

37.2	-0.2666-0.9790i	0.0373-0.0088i	0.3775+0.7517i	-0.1782-0.8704i	-0.3304+0.1203i	1.7967-1.0183i	-1.4219-0.0527i	0.2254-0.4061i
37.3	-0.2928-1.0297i	0.0373+0.0045i	0.4104+0.7808i	-0.1913-0.9112i	-0.3431+0.1405i	1.8182-1.0193i	-1.4306+0.0513i	0.1964-0.4231i
37.4	-0.3165-1.0683i	0.0510+0.0185i	0.4292+0.8129i	-0.1998-0.9313i	-0.3624+0.1753i	1.8240-1.0044i	-1.4132+0.1332i	0.1518-0.4520i
37.5	-0.3976-1.1351i	0.0616+0.0352i	0.4387+0.8338i	-0.2638-0.9764i	-0.3538+0.2131i	1.8938-0.9983i	-1.3747+0.2259i	0.1167-0.4655i
37.6	-0.4657-1.1924i	0.0812+0.0527i	0.4542+0.8738i	-0.3153-1.0075i	-0.3552+0.2399i	1.9389-0.9985i	-1.3333+0.3108i	0.0877-0.4813i
37.7	-0.5550-1.2220i	0.0968+0.0682i	0.5192+0.9167i	-0.3812-1.0120i	-0.3259+0.2653i	1.9360-1.0031i	-1.2574+0.3269i	0.0491-0.4780i
37.8	-0.6520-1.2391i	0.1176+0.0751i	0.5681+0.9423i	-0.4515-1.0150i	-0.2907+0.2945i	1.9695-1.0194i	-1.1678+0.3227i	0.0235-0.4930i
37.9	-0.7793-1.2770i	0.1603+0.0995i	0.6467+0.9334i	-0.5136-1.0332i	-0.2338+0.3044i	2.0256-0.9866i	-1.0584+0.3741i	-0.0213-0.5270i
38.0	-0.8710-1.2455i	0.2005+0.0970i	0.6675+0.8793i	-0.5537-1.0085i	-0.2145+0.2888i	2.0957-0.9598i	-1.0195+0.3372i	-0.0400-0.4886i
38.1	-1.0182-1.2196i	0.2573+0.0835i	0.6413+0.8272i	-0.6432-1.0089i	-0.2093+0.2759i	2.2448-0.9534i	-1.0096+0.2440i	-0.0588-0.4647i
38.2	-1.1000-1.1824i	0.2941+0.0609i	0.6082+0.8281i	-0.6823-0.9999i	-0.1937+0.2838i	2.3325-0.9868i	-1.0605+0.2249i	-0.0686-0.4692i
38.3	-1.1778-1.1544i	0.3350+0.0316i	0.5583+0.8435i	-0.7160-1.0021i	-0.1844+0.2867i	2.4767-1.0045i	-1.0882+0.2295i	-0.0580-0.4635i
38.4	-1.2750-1.1455i	0.3695-0.0089i	0.5088+0.8977i	-0.7801-1.0353i	-0.1884+0.2775i	2.6660-1.0537i	-1.1181+0.2939i	-0.0610-0.5019i
38.5	-1.3383-1.1110i	0.3973-0.0617i	0.5022+1.0207i	-0.8120-1.0432i	-0.1612+0.2757i	2.8037-1.1986i	-1.1655+0.3609i	-0.0569-0.5406i
38.6	-1.4232-1.0759i	0.4038-0.1144i	0.5369+1.1029i	-0.8793-1.0551i	-0.1686+0.2733i	2.9061-1.3525i	-1.1398+0.4359i	-0.0850-0.5735i
38.7	-1.5597-1.0382i	0.4151-0.1748i	0.5690+1.1618i	-0.9980-1.0829i	-0.1810+0.2606i	3.0516-1.5284i	-1.0730+0.4862i	-0.1248-0.6058i
38.8	-1.6531-0.9628i	0.3950-0.2356i	0.6526+1.2370i	-1.1066-1.0774i	-0.1809+0.2677i	3.0703-1.7624i	-1.0368+0.5416i	-0.1810-0.6369i
38.9	-1.7424-0.9018i	0.3658-0.2891i	0.7295+1.2995i	-1.2225-1.0729i	-0.1832+0.2670i	3.0511-1.9727i	-0.9851+0.5582i	-0.2598-0.6767i
39.0	-1.8391-0.7921i	0.3207-0.3374i	0.8273+1.3401i	-1.3632-1.0144i	-0.1857+0.2487i	2.9883-2.1724i	-0.9215+0.5485i	-0.3573-0.6783i
39.1	-1.9058-0.6922i	0.2672-0.3582i	0.9385+1.3486i	-1.4841-0.9354i	-0.1839+0.2464i	2.8771-2.3079i	-0.8501+0.5377i	-0.4502-0.6361i
39.2	-1.9771-0.5792i	0.2188-0.3729i	1.0112+1.3400i	-1.6024-0.8286i	-0.1822+0.2639i	2.8405-2.4093i	-0.8333+0.5143i	-0.5319-0.5782i
39.3	-2.0406-0.4768i	0.1875-0.3681i	1.0671+1.3241i	-1.6951-0.7045i	-0.2138+0.2472i	2.8166-2.4793i	-0.8478+0.5165i	-0.6026-0.5241i
39.4	-2.1166-0.3693i	0.1652-0.3685i	1.1286+1.2866i	-1.7865-0.5779i	-0.2363+0.2441i	2.8249-2.5761i	-0.8472+0.5307i	-0.6536-0.4275i
39.5	-2.1661-0.2306i	0.1410-0.3574i	1.1867+1.2693i	-1.8513-0.4309i	-0.2429+0.2898i	2.8028-2.6971i	-0.8323+0.5803i	-0.6742-0.3017i
39.6	-2.1902-0.0927i	0.1227-0.3305i	1.2297+1.2475i	-1.8891-0.2693i	-0.2660+0.3180i	2.7560-2.7700i	-0.7643+0.5800i	-0.6660-0.1751i
39.7	-2.2311+0.0716i	0.1185-0.3093i	1.2886+1.2122i	-1.9225-0.0774i	-0.2647+0.3367i	2.7609-2.8768i	-0.7096+0.5892i	-0.5511-0.0348i
39.8	-2.2005+0.2325i	0.1311-0.3200i	1.2774+1.1892i	-1.8550+0.0648i	-0.2694+0.3604i	2.7784-3.0516i	-0.6858+0.5922i	-0.4606-0.0465i
39.9	-2.1355+0.3854i	0.1270-0.3346i	1.2839+1.2116i	-1.7827+0.2030i	-0.2600+0.4093i	2.6813-3.2740i	-0.6372+0.5916i	-0.4260-0.0214i
40.0	-2.0906+0.5221i	0.1181-0.3362i	1.3406+1.2329i	-1.7382+0.3461i	-0.2470+0.4470i	2.5519-3.4514i	-0.5789+0.5778i	-0.3442+0.0398i
40.1	-2.0458+0.6373i	0.1016-0.3396i	1.3963+1.2573i	-1.6954+0.4541i	-0.2303+0.4678i	2.4251-3.6131i	-0.5528+0.5623i	-0.2982+0.0502i
40.2	-1.9321+0.7002i	0.0885-0.3386i	1.4750+1.2648i	-1.5828+0.5069i	-0.2026+0.5013i	2.2039-3.6816i	-0.5234+0.5380i	-0.2147+0.0535i
40.3	-1.8673+0.7016i	0.0871-0.3124i	1.5701+1.2528i	-1.5102+0.5165i	-0.1805+0.5124i	2.0153-3.6306i	-0.4967+0.5018i	-0.1149+0.0736i
40.4	-1.8299+0.7433i	0.1473-0.3138i	1.6749+1.1630i	-1.4243+0.5642i	-0.1585+0.4991i	1.8931-3.5075i	-0.4649+0.4523i	0.0992-0.0383i
40.5	-1.8327+0.8252i	0.1937-0.3717i	1.6954+1.0803i	-1.3758+0.6188i	-0.1534+0.5003i	1.9486-3.5082i	-0.4810+0.4291i	0.2251-0.2338i
40.6	-1.8177+0.9000i	0.2064-0.4246i	1.7279+1.0525i	-1.3273+0.6452i	-0.1696+0.5376i	1.9324-3.5686i	-0.4966+0.3921i	0.3341-0.4164i
40.7	-1.7807+0.9923i	0.2097-0.5013i	1.7822+0.9905i	-1.2619+0.6661i	-0.1652+0.6215i	1.8851-3.5982i	-0.5136+0.3281i	0.3703-0.6862i
40.8	-1.7186+1.0820i	0.1738-0.5853i	1.7697+0.9027i	-1.2128+0.6830i	-0.1340+0.6373i	1.8459-3.6108i	-0.5101+0.3280i	0.2590-0.9446i
40.9	-1.6499+1.1395i	0.0775-0.6490i	1.7385+0.8338i	-1.1842+0.6699i	-0.1138+0.6701i	1.9145-3.6171i	-0.5693+0.3169i	0.0121-1.2045i
41.0	-1.5724+1.1809i	-0.0124-0.6409i	1.6765+0.8310i	-1.1693+0.6803i	-0.0581+0.7235i	1.9819-3.7359i	-0.6185+0.3255i	-0.3724-1.2830i
41.1	-1.4671+1.2259i	-0.0507-0.6366i	1.6750+0.9124i	-1.1048+0.6979i	0.0728+0.7720i	1.9309-4.0072i	-0.6519+0.3510i	-0.7342-1.1846i
41.2	-1.3898+1.2853i	-0.1253-0.7066i	1.7677+0.9006i	-1.0732+0.7036i	0.1197+0.7182i	1.6298-4.1974i	-0.6620+0.3857i	-0.8066-1.1143i
41.3	-1.2839+1.2880i	-0.2681-0.7037i	1.8233+0.7776i	-1.0525+0.7000i	0.1596+0.6908i	1.3878-3.9528i	-0.6570+0.4139i	-0.9604-1.1773i
41.4	-1.2072+1.2404i	-0.3905-0.6164i	1.7363+0.6611i	-1.0441+0.6758i	0.1928+0.6972i	1.5609-3.7169i	-0.6300+0.4038i	-1.3005-1.1962i
41.5	-1.1522+1.2573i	-0.4509-0.4948i	1.5838+0.7727i	-1.0354+0.7101i	0.2719+0.7330i	1.7332-4.0945i	-0.6811+0.4723i	-1.7160-0.8572i
41.6	-1.0921+1.1930i	-0.4307-0.3616i	1.6028+0.8986i	-0.9961+0.7056i	0.3512+0.6884i	1.6882-4.2358i	-0.6835+0.5741i	-1.8342-0.3799i
41.7	-1.0961+1.1446i	-0.3826-0.2979i	1.7017+0.9580i	-0.9994+0.6944i	0.3942+0.6221i	1.5847-4.4089i	-0.6235+0.5860i	-1.7409-0.0411i
41.8	-1.1027+1.1119i	-0.3239-0.2644i	1.8508+0.9100i	-1.0080+0.6839i	0.4467+0.5410i	1.3290-4.3257i	-0.5205+0.6255i	-1.5249+0.1354i
41.9	-1.1691+1.0509i	-0.1968-0.2864i	1.8718+0.8567i	-1.0016+0.6341i	0.4354+0.4877i	1.5499-4.2361i	-0.4517+0.5601i	-1.3530+0.1924i
42.0	-1.2313+1.1559i	-0.2315-0.4007i	1.9344+0.8053i	-1.0679+0.6665i	0.4126+0.4371i	1.4264-4.5521i	-0.4724+0.5392i	-1.2524+0.2138i
42.1	-1.2232+1.2284i	-0.3038-0.4343i	1.8957+0.7673i	-1.0892+0.6994i	0.3944+0.4190i	1.3884-4.6892i	-0.4880+0.5338i	-1.2772+0.2392i
42.2	-1.1787+1.2625i	-0.3881-0.4352i	1.9280+0.9231i	-1.0993+0.6951i	0.3663+0.3950i	1.2039-5.0656i	-0.4222+0.5393i	-1.1993+0.4237i
42.3	-1.1919+1.3116i	-0.4615-0.3961i	2.1538+0.8607i	-1.1725+0.7334i	0.3632+0.4343i	0.8156-5.2027i	-0.4144+0.4698i	-1.0626+0.3864i
42.4	-1.1864+1.4184i	-0.5042-0.3297i	2.1374+0.6974i	-1.2285+0.8359i	0.4280+0.4643i	0.5981-5.2762i	-0.4557+0.5190i	-1.1499+0.3894i
42.5	-1.1099+1.4717i	-0.5192-0.2792i	2.1554+0.6924i	-1.2180+0.9186i	0.4545+0.4010i	0.2201-5.2449i	-0.4042+0.5608i	-1.0742+0.5227i
42.6	-1.0667+1.5053i	-0.5692-0.1897i	2.2035+0.5572i	-1.2448+1.0035i	0.4744+0.4027i	-0.0327-5.0617i	-0.3815+0.5191i	-1.0631+0.5435i
42.7	-0.9453+1.4768i	-0.5184-0.0270i	2.0737+0.6338i	-1.1484+1.0820i	0.5084+0.3491i	-0.2134-4.8565i	-0.2836+0.5832i	-1.0216+0.7726i
42.8	-0.9949+1.3613i	-0.3275-0.0025i	2.2582+0.7585i	-1.1180+1.0400i	0.5292+0.2831i	-0.0940-4.6217i	-0.1778+0.4377i	-0.7282+0.8273i
42.9	-1.1225+1.4961i	-0.3222-0.1573i	2.3990+0.4822i	-1.2218+1.1225i	0.4907+0.2481i	0.0087-4.7270i	-0.2718+0.3261i	-0.6654+0.6215i
43.0	-1.0668+1.6976i	-0.4470-0.1689i	2.2685+0.2660i	-1.2264+1.3070i	0.4466+0.2585i	-0.1560-4.9588i	-0.3625+0.3465i	-0.7837+0.5941i
43.1	-0.9485+1.7987i	-0.4569-0.0690i	2.2282+0.2608i	-1.1500+1.4488i	0.4644+0.2630i	-0.5655-5.0377i	-0.3440+0.3959i	-0.7234+0.7210i
43.2	-0.8311+1.7914i	-0.3270-0.0319i	2.4013+0.2919i	-1.0243+1.4955i	0.5092+0.2158i	-1.2656-4.7052i	-0.2665+0.3674i	-0.4007+0.7657i
43.3	-0.7821+1.7152i	-0.3082-0.1444i	2.3855+0.0168i	-0.9488+1.4492i	0.4707+0.1158i	-1.0786-3.6070i	-0.2366+0.2567i	-0.3212+0.4035i
43.4	-0.8402+1.6616i	-0.4207-0.1511i	2.1566+0.0548i	-0.9860+1.4017i	0.3505+0.1606i	0.0711-3.5514i	-0.3126+0.1258i	-0.6051+0.2822i

43.5	−0.9528+1.7306i	−0.4494−0.0769i	2.2288+0.0778i	−1.0816+1.4815i	0.3649+0.2549i	0.5570−4.1529i	−0.4438+0.0726i	−0.7388+0.3433i
43.6	−0.9292+1.9680i	−0.4125−0.0714i	2.2455−0.0029i	−1.0600+1.6956i	0.4417+0.2665i	0.2316−4.9705i	−0.5627+0.1306i	−0.7605+0.5008i
43.7	−0.7094+2.1522i	−0.4091−0.0768i	2.2349−0.1462i	−0.8746+1.9060i	0.5066+0.1990i	−0.6956−5.0741i	−0.6346+0.2266i	−0.6020+0.5552i
43.8	−0.5580+2.1707i	−0.4505−0.0882i	2.1300−0.3373i	−0.7179+1.9516i	0.4960+0.1485i	−0.8174−4.4833i	−0.6462+0.2853i	−0.6175+0.4105i
43.9	−0.4179+2.1325i	−0.4470−0.0651i	1.8393−0.3794i	−0.5274+1.9324i	0.4407+0.1393i	−0.3594−4.1162i	−0.6463+0.3666i	−0.7506+0.3535i
44.0	−0.3003+2.1192i	−0.4886−0.1259i	1.7809−0.1923i	−0.4038+1.8687i	0.4081+0.1034i	−0.2054−4.4464i	−0.6350+0.4076i	−0.7878+0.4299i
44.1	−0.2593+2.0717i	−0.6623−0.0087i	1.7932−0.2370i	−0.4139+1.8271i	0.3170+0.1729i	0.0549−4.6925i	−0.6577+0.4006i	−0.9561+0.4216i
44.2	−0.1935+2.2033i	−0.5892+0.2325i	1.5325−0.2285i	−0.3369+1.9880i	0.4020+0.3073i	0.0920−5.6851i	−0.7315+0.5223i	−1.1902+0.7630i
44.3	0.0205+2.1902i	−0.4328+0.2180i	1.5028+0.0479i	−0.1324+1.9654i	0.5554+0.2189i	−0.8989−6.0631i	−0.6392+0.6420i	−0.9674+1.0743i
44.4	0.1280+2.0231i	−0.4381+0.1500i	1.8689+0.1240i	−0.0730+1.8337i	0.5833+0.1245i	−1.9154−5.3983i	−0.5483+0.6163i	−0.6254+0.9737i
44.5	0.1832+1.9465i	−0.4656+0.2238i	1.8939−0.1254i	−0.0164+1.8240i	0.5239+0.0825i	−1.9857−4.6362i	−0.5445+0.6511i	−0.6149+0.8819i
44.6	0.2817+1.8727i	−0.3789+0.3355i	1.7583−0.1444i	0.1208+1.8136i	0.5227+0.0708i	−1.9429−4.3230i	−0.5066+0.6943i	−0.5869+0.9656i
44.7	0.2836+1.7829i	−0.3048+0.2745i	1.7525−0.2165i	0.1929+1.7312i	0.5094+0.0586i	−1.7406−4.0443i	−0.4346+0.6751i	−0.5225+0.8842i
44.8	0.2622+1.7281i	−0.2829+0.2787i	1.6115−0.3895i	0.2276+1.6819i	0.4614+0.0219i	−1.2673−3.4903i	−0.4133+0.6667i	−0.6261+0.7692i
44.9	0.1827+1.6929i	−0.2304+0.2088i	1.4204−0.2239i	0.2145+1.5724i	0.4426+0.0824i	−0.2733−3.8636i	−0.4031+0.5870i	−0.8017+0.8496i
45.0	0.2489+1.7560i	−0.2563+0.2134i	1.4271−0.1192i	0.2397+1.5898i	0.5349+0.0828i	−0.6171−4.8257i	−0.4365+0.6073i	−0.7483+1.0717i
45.1	0.3142+1.7517i	−0.2025+0.1795i	1.4165+0.0184i	0.3066+1.5471i	0.5720+0.0613i	−0.9499−5.2002i	−0.4032+0.6343i	−0.6519+1.2203i
45.2	0.3281+1.7966i	−0.2556+0.1349i	1.5400−0.1232i	0.2668+1.5695i	0.6028−0.0092i	−1.3882−5.2783i	−0.4179+0.6523i	−0.5749+1.2656i
45.3	0.4493+1.8132i	−0.2985+0.1503i	1.3883−0.2539i	0.3419+1.6047i	0.5728−0.1006i	−1.7563−5.0651i	−0.3836+0.7263i	−0.4987+1.3179i
45.4	0.5018+1.7415i	−0.3182+0.1585i	1.3555−0.3187i	0.3939+1.5891i	0.5134−0.1676i	−1.9638−4.3936i	−0.3004+0.7274i	−0.3809+1.2388i
45.5	0.5095+1.5694i	−0.3617+0.1929i	1.1870−0.1477i	0.4272+1.4126i	0.4305−0.1194i	−1.4449−4.1018i	−0.2528+0.6299i	−0.3612+1.1880i
45.6	0.4707+1.5910i	−0.3401+0.2554i	1.1407+0.0563i	0.3826+1.4146i	0.4447−0.0640i	−1.2892−4.9919i	−0.2881+0.5859i	−0.3305+1.3564i
45.7	0.5961+1.4493i	−0.3052+0.2747i	1.1980+0.4173i	0.4708+1.2564i	0.4841−0.0868i	−2.2054−5.0485i	−0.2198+0.6031i	−0.0045+1.3774i
45.8	0.6262+1.3960i	−0.3054+0.2940i	1.1241+0.5009i	0.4981+1.1950i	0.4465−0.0664i	−1.8690−5.0193i	−0.1992+0.5514i	−0.0203+1.3623i
45.9	0.6695+1.4682i	−0.3020+0.3595i	0.9736+0.4330i	0.5222+1.2789i	0.4729−0.0569i	−1.8557−5.5232i	−0.2248+0.5778i	−0.0407+1.4934i
46.0	0.7412+1.3152i	−0.2148+0.3854i	0.9992+0.7391i	0.5715+1.1465i	0.5153−0.0734i	−2.5464−5.6484i	−0.2086+0.5467i	0.1958+1.5019i
46.1	0.6222+1.2373i	−0.1702+0.3201i	1.3431+0.7341i	0.4405+1.1191i	0.5082−0.1859i	−3.0171−5.0218i	−0.2346+0.4976i	0.3064+1.2484i
46.2	0.5473+1.2123i	−0.1890+0.3013i	1.4315+0.7124i	0.3811+1.1286i	0.4823−0.1969i	−3.0252−4.6473i	−0.2653+0.5220i	0.2872+1.1281i
46.3	0.6187+1.2272i	−0.2233+0.3247i	1.1706+0.7285i	0.4786+1.1434i	0.4566−0.1345i	−2.5240−4.6269i	−0.2780+0.5473i	0.1597+1.1663i
46.4	0.6087+1.1243i	−0.1641+0.3520i	1.1726+1.2161i	0.4809+1.0188i	0.5808−0.1089i	−2.7244−5.1873i	−0.3011+0.4924i	0.2222+1.2832i
46.5	0.4783+1.0929i	−0.1830+0.2862i	1.7359+1.4371i	0.3039+0.9711i	0.6535−0.3138i	−3.4483−4.9697i	−0.3370+0.5317i	0.3604+1.2226i
46.6	0.4620+1.1105i	−0.2494+0.3355i	2.0228+1.3992i	0.2507+1.0189i	0.5899−0.4075i	−3.6073−4.6795i	−0.3440+0.5930i	0.4098+1.1990i
46.7	0.4450+1.0657i	−0.2364+0.3965i	2.1753+1.4414i	0.2276+1.0025i	0.5576−0.4057i	−3.3636−4.5752i	−0.3082+0.5641i	0.4346+1.1667i
46.8	0.3693+1.1417i	−0.2039+0.4444i	2.4971+1.1114i	0.1442+1.1352i	0.5060−0.4932i	−3.4393−4.5553i	−0.3187+0.5864i	0.4292+1.1015i
46.9	0.3649+1.2016i	−0.1856+0.4854i	2.6202+0.8968i	0.1374+1.2462i	0.4268−0.5546i	−3.7577−4.5681i	−0.3285+0.6315i	0.4383+1.1191i
47.0	0.3564+1.1883i	−0.1444+0.5444i	2.7007+0.8719i	0.1838+1.2622i	0.3746−0.5531i	−3.9343−4.3553i	−0.3226+0.6591i	0.4755+1.1489i
47.1	0.2971+1.2933i	−0.0253+0.5537i	2.9809+0.5101i	0.1721+1.3615i	0.3450−0.6107i	−3.9561−3.9094i	−0.2875+0.6998i	0.5554+1.0817i
47.2	0.4249+1.4324i	0.0128+0.5579i	2.8093+0.1950i	0.2671+1.5151i	0.2441−0.6684i	−4.0601−4.1111i	−0.2484+0.7806i	0.6295+1.1332i
47.3	0.5935+1.3743i	0.0515+0.5539i	2.3982+0.2692i	0.4608+1.4776i	0.1404−0.6021i	−3.9820−4.0691i	−0.2053+0.7862i	0.6458+1.1383i
47.4	0.6834+1.2737i	0.0990+0.5301i	2.1509+0.4350i	0.5771+1.4001i	0.0653−0.5260i	−3.8479−3.9801i	−0.1455+0.7552i	0.6596+1.1195i
47.5	0.6838+1.2225i	0.1311+0.4792i	2.1230+0.4325i	0.6310+1.3552i	0.0488−0.4435i	−3.6200−3.7780i	−0.1005+0.6917i	0.6186+1.0591i
47.6	0.6003+1.2284i	0.1756+0.4648i	2.4590+0.6952i	0.5571+1.3687i	0.1400−0.4470i	−3.8771−4.3323i	−0.1068+0.6966i	0.6693+1.1819i
47.7	0.6047+1.2163i	0.1836+0.4613i	2.8416+0.6683i	0.5798+1.3760i	0.1044−0.5171i	−4.5675−4.3137i	−0.1063+0.7068i	0.8720+1.2065i
47.8	0.6226+1.2319i	0.2781+0.4743i	3.2595+0.0927i	0.6502+1.4112i	−0.0263−0.5515i	−5.3065−3.4143i	−0.0305+0.7075i	1.1262+0.9737i
47.9	0.6654+1.1830i	0.3413+0.4086i	3.0691−0.0458i	0.7218+1.3412i	−0.0649−0.5317i	−5.2045−3.1563i	0.0307+0.7128i	1.1601+0.8935i
48.0	0.6288+1.1496i	0.3841+0.3710i	3.3490−0.1183i	0.7277+1.3072i	−0.1691−0.5274i	−5.8414−2.8580i	0.0802+0.7086i	1.3707+0.7800i
48.1	0.6714+1.1575i	0.3878+0.3192i	3.0418−0.3657i	0.7856+1.2951i	−0.2142−0.4157i	−5.2505−2.3071i	0.0759+0.6562i	1.2518+0.6018i
48.2	0.6869+1.1473i	0.3712+0.2672i	2.7352−0.3121i	0.8189+1.2773i	−0.1777−0.3437i	−4.6902−2.5164i	0.0523+0.6246i	1.0944+0.6141i
48.3	0.7326+1.1394i	0.3445+0.2033i	2.5865−0.2577i	0.8699+1.2475i	−0.1789−0.3137i	−4.6045−2.5146i	0.1082+0.6526i	1.0801+0.6206i
48.4	0.7534+1.0294i	0.3578+0.2214i	2.8390+0.0307i	0.9371+1.1556i	−0.1748−0.2843i	−5.0474−2.8889i	0.1833+0.6924i	1.2805+0.7050i
48.5	0.7266+1.0025i	0.3455+0.1830i	2.9424−0.0133i	0.9467+1.1068i	−0.1495−0.2888i	−5.2597−2.7081i	0.2845+0.5773i	1.3750+0.5974i
48.6	0.6782+0.9937i	0.3701+0.1489i	3.2637−0.2176i	0.9269+1.0731i	−0.1802−0.2676i	−5.7561−2.2271i	0.3424+0.4546i	1.5135+0.3795i
48.7	0.6756+1.0201i	0.3671+0.0714i	3.2823−0.6737i	0.9577+1.0506i	−0.2134−0.2292i	−5.7997−1.4139i	0.2729+0.2866i	1.4529+0.0673i
48.8	0.7172+1.0245i	0.2915+0.0432i	2.8771−0.9221i	0.9784+0.9932i	−0.2029−0.1761i	−5.0837−1.0034i	0.1515+0.2408i	1.1985−0.0309i
48.9	0.7570+0.9769i	0.2538+0.0666i	2.5621−0.7860i	0.9979+0.9325i	−0.1725−0.1194i	−4.5761−1.1555i	0.0685+0.2637i	1.0604+0.0549i
49.0	0.7427+0.9040i	0.2641+0.0817i	2.5197−0.5981i	0.9822+0.8707i	−0.1273−0.1120i	−4.3887−1.2915i	0.0409+0.2678i	1.0536+0.1043i
49.1	0.6649+0.9085i	0.2503+0.0677i	2.5721−0.6995i	0.9048+0.8655i	−0.1214−0.1205i	−4.2695−1.3661i	−0.0105+0.2404i	1.0147+0.0698i
49.2	0.6575+0.9486i	0.2315+0.0731i	2.3899−0.6773i	0.9013+0.8977i	−0.1013−0.1136i	−4.2526−1.6351i	−0.0581+0.2704i	0.9840+0.1392i
49.3	0.6541+0.9192i	0.2362+0.0660i	2.4842−0.4894i	0.9108+0.8357i	−0.1066−0.1492i	−4.7095−1.6336i	−0.0262+0.3136i	1.1505+0.1292i
49.4	0.6431+0.9009i	0.2283+0.0637i	2.6473−0.5239i	0.8941+0.7853i	−0.1266−0.1583i	−4.9425−1.4132i	−0.0039+0.3219i	1.2423+0.0207i
49.5	0.6920+0.8800i	0.2174+0.0657i	2.4984−0.6105i	0.9269+0.7363i	−0.1346−0.1303i	−4.6698−1.1695i	−0.0555+0.3187i	1.1381−0.0839i
49.6	0.6686+0.8231i	0.1982+0.0920i	2.4677−0.3639i	0.8905+0.6890i	−0.1249−0.0997i	−4.4802−1.5350i	−0.0635+0.3539i	1.1130+0.0159i
49.7	0.5683+0.8273i	0.2168+0.1163i	2.8057−0.4017i	0.7925+0.6967i	−0.1265−0.1031i	−4.9368−1.4632i	−0.0217+0.3122i	1.2491−0.0851i

49.8	0.5131+0.9212i	0.2726+0.1027i	3.0429-0.8436i	0.7682+0.7623i	-0.1430-0.0955i	-5.3742-0.8578i	-0.0272+0.2544i	1.3063-0.3604i
49.9	0.5815+1.0030i	0.2611+0.0549i	2.6720-1.2215i	0.8019+0.7972i	-0.1201-0.0668i	-4.9281-0.2401i	-0.0966+0.2917i	1.0544-0.5126i
50.0	0.6273+0.9363i	0.2432+0.0611i	2.3361-1.0292i	0.8116+0.7400i	-0.1123-0.0466i	-4.5001-0.4084i	-0.0807+0.3781i	0.9211-0.4128i
50.1	0.6060+0.9201i	0.2466+0.0568i	2.4025-0.9284i	0.7966+0.7117i	-0.1305-0.0458i	-4.7050-0.4002i	-0.0378+0.3892i	0.9739-0.4217i
50.2	0.6306+0.9447i	0.2319+0.0552i	2.3455-0.9068i	0.8097+0.7232i	-0.1446-0.0335i	-4.4730-0.2281i	-0.0380+0.3657i	0.8870-0.4482i
50.3	0.6218+0.9673i	0.2301+0.0687i	2.1959-0.9810i	0.7666+0.7629i	-0.0933+0.0051i	-3.9057+0.0466i	-0.0405+0.3314i	0.7073-0.4680i
50.4	0.5825+0.9380i	0.2143+0.0418i	2.0933-0.8202i	0.7021+0.7435i	-0.0374-0.0132i	-3.4545-0.2170i	-0.0076+0.3400i	0.6281-0.3515i
50.5	0.5103+0.9641i	0.2099+0.0821i	2.3782-0.7875i	0.6383+0.7905i	-0.0569-0.0251i	-3.7662-0.4438i	0.0061+0.2956i	0.7456-0.3525i
50.6	0.4949+1.0241i	0.3016+0.0603i	2.4149-1.0144i	0.6520+0.8290i	-0.0092-0.0235i	-4.0596-0.1852i	-0.0272+0.2888i	0.7433-0.4890i
50.7	0.5287+1.0538i	0.2771+0.0302i	2.2368-1.0082i	0.6730+0.8393i	0.0053-0.0658i	-3.9581-0.1902i	-0.0140+0.3217i	0.6879-0.4553i
50.8	0.5313+1.0757i	0.3143+0.0484i	2.2870-0.8723i	0.6794+0.8656i	0.0306-0.0870i	-4.0473-0.4264i	0.0387+0.3007i	0.7940-0.3967i
50.9	0.5097+1.1220i	0.3451-0.0086i	2.4823-0.9742i	0.6600+0.8645i	-0.0053-0.1024i	-4.5214-0.2013i	0.0419+0.2491i	0.8973-0.5747i
51.0	0.5740+1.1640i	0.3045-0.0330i	2.3303-1.1001i	0.6902+0.9041i	-0.0266-0.1134i	-4.2597+0.0982i	0.0105+0.2367i	0.7598-0.6109i
51.1	0.6724+1.2048i	0.2679-0.0524i	2.1065-1.0408i	0.7855+0.9605i	-0.0282-0.1413i	-3.7253-0.0893i	-0.0300+0.2494i	0.6547-0.4827i
51.2	0.7257+1.2028i	0.2002-0.1025i	2.1068-1.0432i	0.8099+0.9167i	-0.1191-0.1411i	-3.7782+0.0235i	-0.0658+0.2429i	0.6354-0.5486i
51.3	0.7552+1.1761i	0.1495-0.0338i	2.0850-1.0226i	0.7965+0.9284i	-0.1317-0.1052i	-3.7192+0.0952i	-0.0672+0.2235i	0.6061-0.5660i
51.4	0.7793+1.2010i	0.2106-0.0274i	2.1128-1.0987i	0.8149+0.9676i	-0.0800-0.1143i	-3.7376+0.3125i	-0.0530+0.1916i	0.5819-0.6754i
51.5	0.8347+1.1956i	0.1915-0.0317i	1.9586-0.9975i	0.8760+0.9844i	-0.0824-0.1358i	-3.4520+0.1184i	-0.0862+0.2056i	0.5328-0.5560i
51.6	0.8531+1.1698i	0.2039-0.0502i	2.1068-0.8451i	0.9097+0.9601i	-0.1121-0.1405i	-3.7763-0.0469i	-0.0445+0.1711i	0.6552-0.6870i
51.7	0.8871+1.1768i	0.1436-0.0310i	2.2037-0.8854i	0.9304+0.9755i	-0.1627-0.1082i	-3.7558+0.1385i	-0.0945+0.1193i	0.5508-0.7809i
51.8	0.9161+1.1941i	0.1478+0.0340i	2.1552-0.9970i	0.9689+1.0164i	-0.1573-0.0839i	-3.5389+0.1901i	-0.1185+0.1561i	0.4457-0.7238i
51.9	0.9702+1.1529i	0.1709-0.0160i	2.0525-0.9949i	1.0275+0.9501i	-0.1624-0.1163i	-3.4227+0.0338i	-0.1367+0.1811i	0.3889-0.6888i
52.0	0.9793+1.1324i	0.1435+0.0329i	2.1537-0.8867i	1.0159+0.9138i	-0.2440-0.0296i	-3.8453-0.0680i	-0.1086+0.1836i	0.4441-0.7450i
52.1	1.0016+1.1150i	0.2074+0.0835i	2.2043-0.8492i	1.0420+0.9009i	-0.2072+0.0286i	-3.9491+0.0708i	-0.0929+0.1895i	0.4435-0.7724i
52.2	1.0250+1.1203i	0.2410+0.0508i	2.3066-0.9390i	1.0552+0.9002i	-0.1818+0.0203i	-3.9889+0.3016i	-0.1058+0.1610i	0.3886-0.8261i
52.3	1.0783+1.0887i	0.2179+0.0275i	2.2918-1.2085i	1.0814+0.8892i	-0.1624+0.0152i	-3.8039+0.7313i	-0.1686+0.1505i	0.2056-0.8323i
52.4	1.0446+1.0110i	0.2127+0.1175i	2.0806-1.0360i	1.0427+0.8506i	-0.1599+0.0326i	-3.5587+0.3615i	-0.1092+0.1832i	0.2684-0.6686i
52.5	1.0387+1.0332i	0.3806+0.0969i	2.2272-0.9589i	1.0715+0.8696i	-0.0532+0.0021i	-3.9124+0.2870i	-0.0949+0.1422i	0.3922-0.7293i
52.6	1.0703+1.0738i	0.4300-0.1253i	2.3015-1.1421i	1.1128+0.8575i	-0.0173-0.1315i	-3.9656+0.7558i	-0.1327+0.0694i	0.3170-0.8364i
52.7	1.0965+1.0794i	0.2241-0.1916i	2.1151-1.2504i	1.0860+0.8589i	-0.1787-0.1974i	-3.4486+0.9055i	-0.1900+0.0480i	0.1985-0.8509i
52.8	1.1394+1.0683i	0.1101-0.0599i	2.1905-1.1317i	1.0989+0.8736i	-0.2925-0.0849i	-3.6982+0.6632i	-0.2389+0.0489i	0.2119-0.9199i
52.9	1.1758+1.0378i	0.0908+0.0597i	2.3662-1.2329i	1.1090+0.8783i	-0.3535+0.0570i	-3.9588+0.9722i	-0.3025+0.0443i	0.0740-1.0008i
53.0	1.2136+1.0036i	0.1946+0.1619i	2.2842-1.4726i	1.1726+0.9129i	-0.2854+0.1401i	-3.7472+1.2835i	-0.3624+0.0848i	-0.0682-0.9187i
53.1	1.2419+0.9796i	0.3708+0.1120i	2.1471-1.7269i	1.2308+0.9038i	-0.1509+0.1575i	-3.6237+1.7791i	-0.3258+0.1467i	-0.1117-0.8717i
53.2	1.2544+0.9565i	0.3962-0.0218i	1.9211-1.7631i	1.2822+0.8617i	-0.1292+0.0719i	-3.2104+1.8584i	-0.3347+0.1578i	-0.1438-0.8443i
53.3	1.2663+0.9137i	0.1822-0.0732i	1.6069-1.5947i	1.2859+0.7803i	-0.2883+0.0843i	-2.5483+1.6011i	-0.4063+0.1860i	-0.2585-0.6994i
53.4	1.2788+0.8684i	0.0636+0.1038i	1.5064-1.4271i	1.2625+0.7604i	-0.3555+0.2161i	-2.3464+1.2521i	-0.3872+0.2389i	-0.2534-0.5790i
53.5	1.2476+0.8288i	0.2744+0.3246i	1.5942-1.3910i	1.2474+0.7683i	-0.1405+0.3818i	-2.6711+1.1360i	-0.2774+0.2621i	-0.1256-0.5975i
53.6	1.2083+0.8186i	0.4192+0.2146i	1.4707-1.4265i	1.2470+0.7764i	-0.0427+0.2796i	-2.5255+1.3194i	-0.2610+0.1906i	-0.1867-0.6315i
53.7	1.2209+0.8568i	0.4205+0.1482i	1.3828-1.2520i	1.2845+0.8069i	-0.0721+0.2371i	-2.3539+1.0626i	-0.2870+0.1847i	-0.2043-0.5844i
53.8	1.2919+0.8638i	0.4756+0.1950i	1.5202-1.0403i	1.3477+0.7945i	-0.0077+0.2940i	-2.7097+0.8354i	-0.2484+0.1511i	-0.0658-0.5678i
53.9	1.2956+0.8319i	0.6029+0.1688i	1.6193-1.0855i	1.3548+0.7642i	0.1173+0.2823i	-2.9219+1.0826i	-0.2110+0.1152i	-0.0112-0.6379i
54.0	1.2930+0.8239i	0.7379-0.0016i	1.5651-1.0830i	1.3906+0.7237i	0.2061+0.1594i	-2.6772+1.1993i	-0.2190+0.0703i	-0.0189-0.6877i
54.1	1.3185+0.8207i	0.6973-0.2407i	1.6392-1.0409i	1.4209+0.6535i	0.1790+0.0230i	-2.5603+1.1329i	-0.2720+0.0484i	-0.0063-0.7513i
54.2	1.4046+0.7806i	0.4211-0.2946i	1.7906-1.1114i	1.3965+0.6108i	0.0263-0.0233i	-2.8670+1.1300i	-0.3393+0.0129i	-0.0680-0.8533i
54.3	1.4171+0.6608i	0.3963-0.1868i	1.7055-1.2942i	1.3716+0.5828i	-0.0031+0.0498i	-2.8602+1.6542i	-0.3880-0.0345i	-0.2154-0.9386i
54.4	1.3766+0.6161i	0.4133-0.1823i	1.5915-1.3196i	1.3672+0.5691i	-0.0100+0.0402i	-2.5879+1.8444i	-0.4374-0.0410i	-0.3213-0.9313i
54.5	1.3528+0.6092i	0.3839-0.1649i	1.4797-1.3157i	1.3772+0.5750i	-0.0533+0.0498i	-2.1960+1.8650i	-0.5384-0.0224i	-0.4575-0.8425i
54.6	1.2891+0.6142i	0.3366-0.1573i	1.3003-1.2960i	1.3473+0.5963i	-0.0779+0.0745i	-1.6919+1.8741i	-0.5825+0.0003i	-0.5812-0.7465i
54.7	1.2910+0.6028i	0.3408-0.0642i	1.2725-1.1463i	1.3473+0.5964i	-0.0424+0.0829i	-1.6472+1.5828i	-0.5901+0.0419i	-0.5439-0.6499i
54.8	1.3281+0.5535i	0.4625-0.0390i	1.3854-1.0908i	1.3936+0.5801i	0.0083+0.0758i	-1.8620+1.5691i	-0.5964+0.0045i	-0.4930-0.6684i
54.9	1.3238+0.5315i	0.4964-0.1087i	1.3443-1.1188i	1.4049+0.5684i	0.0237+0.0286i	-1.7317+1.6983i	-0.6061-0.0084i	-0.5014-0.7024i
55.0	1.2769+0.5161i	0.4850-0.1495i	1.2145-1.0741i	1.3898+0.5501i	-0.0007+0.0097i	-1.3623+1.6517i	-0.6876-0.0025i	-0.6021-0.6767i
55.1	1.2630+0.5182i	0.4915-0.1552i	1.1890-0.9839i	1.4037+0.5393i	-0.0127+0.0184i	-1.2191+1.4243i	-0.7560+0.0249i	-0.6561-0.6160i
55.2	1.2635+0.5354i	0.5146-0.2243i	1.1757-0.9022i	1.4322+0.5393i	-0.0307-0.0067i	-1.0895+1.2621i	-0.7901+0.0123i	-0.7224-0.6040i
55.3	1.2558+0.5531i	0.5232-0.3077i	1.1710-0.7937i	1.4364+0.5353i	-0.0248-0.0488i	-1.0219+1.1136i	-0.8197+0.0166i	-0.7147-0.5589i
55.4	1.2587+0.5513i	0.4633-0.3731i	1.2224-0.7392i	1.4248+0.4925i	-0.0821-0.1184i	-1.0901+0.9785i	-0.8632+0.0428i	-0.7135-0.5427i
55.5	1.3099+0.5073i	0.3228-0.2876i	1.3043-0.7499i	1.4020+0.4838i	-0.2275-0.0861i	-1.2563+0.9779i	-0.9008+0.0574i	-0.7273-0.5682i
55.6	1.3059+0.4827i	0.3657-0.2189i	1.2470-0.7504i	1.4289+0.5024i	-0.2247+0.0111i	-1.0571+1.0422i	-0.9672+0.0866i	-0.7920-0.5024i
55.7	1.2800+0.4724i	0.4229-0.2157i	1.1997-0.7026i	1.4391+0.4989i	-0.1920+0.0478i	-0.9017+0.9544i	-1.0075+0.1078i	-0.8455-0.4721i
55.8	1.2728+0.4585i	0.4323-0.2567i	1.2013-0.6548i	1.4492+0.4855i	-0.2278+0.0251i	-0.8026+0.8918i	-1.0695+0.1265i	-0.8964-0.4668i
55.9	1.2612+0.4599i	0.4956-0.2698i	1.2101-0.5862i	1.4467+0.4566i	-0.1832+0.0750i	-0.8589+0.7242i	-1.0235+0.1851i	-0.8570-0.4138i
56.0	1.2864+0.4465i	0.5292-0.2283i	1.2656-0.4650i	1.4808+0.4666i	-0.1512+0.1184i	-0.9415+0.4936i	-1.0494+0.2008i	-0.8666-0.3706i

56.1	1.2881+0.3985i	0.6237-0.3179i	1.3771-0.4434i	1.5209+0.4564i	-0.1422+0.0743i	-1.1447+0.5997i	-1.0676+0.1206i	-0.8213-0.4818i
56.2	1.2578+0.3838i	0.5594-0.3665i	1.3944-0.4314i	1.5151+0.4434i	-0.1850+0.0916i	-1.0489+0.6146i	-1.1804+0.1520i	-0.9212-0.4829i
56.3	1.2318+0.3777i	0.5088-0.4338i	1.3812-0.4382i	1.4935+0.3966i	-0.1514+0.1105i	-0.9374+0.5981i	-1.2583+0.2056i	-1.0323-0.4513i
56.4	1.2493+0.4019i	0.4659-0.4657i	1.3828-0.4014i	1.5031+0.4022i	-0.1375+0.1236i	-0.8602+0.4852i	-1.2707+0.2711i	-1.0593-0.4033i
56.5	1.2593+0.3899i	0.3915-0.4462i	1.4049-0.3390i	1.5129+0.4076i	-0.1549+0.1375i	-0.8312+0.3685i	-1.3088+0.3247i	-1.0878-0.3444i
56.6	1.2497+0.3551i	0.3764-0.4290i	1.3918-0.3292i	1.5058+0.3825i	-0.1486+0.1533i	-0.7989+0.3383i	-1.3235+0.3563i	-1.1269-0.2834i
56.7	1.2306+0.3276i	0.4034-0.3737i	1.4068-0.2702i	1.5202+0.3776i	-0.1577+0.1638i	-0.7943+0.2397i	-1.3520+0.3553i	-1.1466-0.2821i
56.8	1.2059+0.3167i	0.4624-0.3692i	1.4629-0.2566i	1.5457+0.3630i	-0.1526+0.1812i	-0.7855+0.2270i	-1.4497+0.4070i	-1.1597-0.2368i
56.9	1.1800+0.3183i	0.4703-0.3824i	1.4956-0.1999i	1.5505+0.3613i	-0.1448+0.2437i	-0.7346+0.1706i	-1.5746+0.3987i	-1.2687-0.2333i
57.0	1.1592+0.3071i	0.5300-0.3576i	1.5347-0.1369i	1.5647+0.3418i	-0.0897+0.2624i	-0.7609+0.0397i	-1.6105+0.4528i	-1.2550-0.2015i
57.1	1.1748+0.2982i	0.5845-0.3939i	1.5521-0.0622i	1.5747+0.3156i	-0.0403+0.2418i	-0.7509-0.1396i	-1.6071+0.5418i	-1.2292-0.1272i
57.2	1.1777+0.2703i	0.6427-0.4846i	1.6336+0.0168i	1.5884+0.2859i	-0.0031+0.1848i	-0.9033-0.2298i	-1.6576+0.4695i	-1.2428-0.2035i
57.3	1.0884+0.2435i	0.5291-0.5807i	1.7542-0.0511i	1.5479+0.2402i	-0.0945+0.1931i	-0.9164-0.0363i	-1.9813+0.5446i	-1.4789-0.2530i
57.4	1.0457+0.2395i	0.4683-0.5722i	1.8030-0.0337i	1.5219+0.2408i	-0.1215+0.2436i	-0.8625-0.0823i	-2.1776+0.6459i	-1.6758-0.1896i
57.5	1.0168+0.2641i	0.4595-0.6021i	1.8765+0.0025i	1.4934+0.2485i	-0.0560+0.2257i	-0.9162-0.1403i	-2.3038+0.7633i	-1.7787-0.1204i
57.6	0.9743+0.2584i	0.4870-0.5760i	1.9482+0.0416i	1.4842+0.2437i	-0.0233+0.2471i	-0.9905-0.2369i	-2.4578+0.9339i	-1.8902+0.0109i
57.7	0.9693+0.2779i	0.4831-0.5491i	2.0089+0.0395i	1.4972+0.2575i	-0.0494+0.2708i	-0.9926-0.2750i	-2.5283+1.1590i	-1.9575+0.1677i
57.8	0.9242+0.2825i	0.5012-0.5650i	2.1427+0.0363i	1.5008+0.2789i	-0.0932+0.2050i	-1.0585-0.2150i	-2.6294+1.4071i	-2.0414+0.3050i
57.9	0.8957+0.3117i	0.5477-0.5853i	2.2292-0.0204i	1.5231+0.2903i	-0.0834+0.2423i	-1.0063-0.2202i	-2.7323+1.6354i	-2.1098+0.4128i
58.0	0.8574+0.3602i	0.5934-0.6194i	2.2627-0.1151i	1.5243+0.2667i	-0.0269+0.3198i	-1.0811-0.2867i	-2.7245+1.9592i	-2.1359+0.6368i
58.1	0.8482+0.3699i	0.6121-0.6124i	2.2846-0.1228i	1.5306+0.2599i	0.0065+0.3564i	-1.0843-0.3551i	-2.7413+2.2238i	-2.1901+0.8883i
58.2	0.8154+0.3724i	0.7757-0.6242i	2.3814-0.1009i	1.5847+0.2746i	0.0533+0.3506i	-1.1539-0.3593i	-2.7957+2.3141i	-2.2193+0.9593i
58.3	0.7541+0.4546i	0.8919-0.9672i	2.4331-0.1741i	1.6010+0.2267i	0.1193+0.1846i	-1.0724-0.2445i	-2.9632+2.5976i	-2.4003+1.0298i
58.4	0.7695+0.4989i	0.7374-1.0759i	2.4353-0.1794i	1.5943+0.2049i	0.0466+0.1367i	-0.9727-0.4114i	-2.9231+2.9829i	-2.4740+1.3019i
58.5	0.7702+0.5158i	0.5894-1.1168i	2.5045-0.1637i	1.5696+0.1989i	-0.0351+0.1419i	-1.0733-0.5535i	-2.8299+3.1893i	-2.5411+1.4847i
58.6	0.7237+0.5635i	0.4727-1.1775i	2.5709-0.2380i	1.5247+0.2003i	-0.0795+0.1693i	-1.1468-0.4826i	-2.8013+3.5148i	-2.6695+1.7464i
58.7	0.6714+0.6234i	0.4233-1.2029i	2.6030-0.3077i	1.4966+0.2146i	-0.1072+0.2302i	-1.1455-0.4704i	-2.6406+3.9714i	-2.6359+2.0839i
58.8	0.6707+0.7192i	0.3713-1.2139i	2.6177-0.3832i	1.5192+0.2448i	-0.0810+0.2831i	-1.1172-0.5150i	-2.2987+4.4185i	-2.5025+2.4991i
58.9	0.6965+0.7838i	0.3178-1.2507i	2.6668-0.4332i	1.5100+0.2530i	-0.0399+0.2947i	-1.2566-0.5111i	-2.0095+4.6757i	-2.4032+2.7656i
59.0	0.7169+0.8930i	0.2339-1.2543i	2.6736-0.5140i	1.5073+0.3025i	-0.0128+0.3727i	-1.2538-0.5166i	-1.5528+5.0172i	-2.1394+3.1839i
59.1	0.7203+1.0289i	0.1801-1.3112i	2.6691-0.6194i	1.5187+0.3747i	-0.0028+0.4438i	-1.1730-0.4620i	-1.2337+5.5149i	-1.9369+3.6690i
59.2	0.7585+1.0708i	0.1417-1.3588i	2.7236-0.6391i	1.5481+0.3801i	0.0442+0.4302i	-1.3301-0.4541i	-0.8973+5.6528i	-1.7095+3.8407i
59.3	0.8385+1.1502i	0.0639-1.3880i	2.7015-0.7023i	1.5751+0.3968i	0.1072+0.4130i	-1.3334-0.4257i	-0.2956+5.6815i	-1.2880+3.9751i
59.4	0.9214+1.1990i	0.0092-1.4088i	2.6575-0.7552i	1.6125+0.4110i	0.1623+0.3421i	-1.3227-0.3703i	0.1737+5.6338i	-0.9414+4.0055i
59.5	1.0496+1.2774i	-0.0896-1.4270i	2.5920-0.7958i	1.6539+0.4511i	0.1888+0.2875i	-1.2852-0.3262i	0.7002+5.5972i	-0.5462+4.1556i
59.6	1.1165+1.3082i	-0.1748-1.4477i	2.5632-0.8204i	1.6848+0.4843i	0.1934+0.2561i	-1.2172-0.2310i	1.0161+5.5852i	-0.3031+4.2173i
59.7	1.2199+1.3557i	-0.2979-1.4582i	2.5314-0.8399i	1.7183+0.5164i	0.1900+0.1879i	-1.1756-0.1912i	1.4148+5.4790i	0.0102+4.2088i
59.8	1.3395+1.3677i	-0.4219-1.4095i	2.4599-0.8340i	1.8091+0.5325i	0.1513+0.1792i	-0.9913-0.2548i	1.9327+5.2551i	0.4582+4.2506i
59.9	1.4512+1.3189i	-0.4772-1.3770i	2.4436-0.8159i	1.9001+0.4962i	0.1781+0.1379i	-0.9401-0.3098i	2.0918+4.9083i	0.7445+4.1841i
60.0	1.5634+1.2991i	-0.6111-1.2827i	2.2735-0.7755i	1.9560+0.5554i	0.1662+0.1129i	-0.7687-0.2917i	2.6196+4.6755i	1.0062+4.0673i
60.1	1.6316+1.2866i	-0.6832-1.2447i	2.2732-0.7902i	2.0173+0.5731i	0.0840+0.1497i	-0.5143-0.2639i	2.7514+4.6206i	1.1620+4.1400i
60.2	1.7042+1.2344i	-0.7316-1.2300i	2.2958-0.7562i	2.0853+0.4978i	0.0974+0.1351i	-0.4552-0.3829i	2.9591+4.3704i	1.4698+3.9790i
60.3	1.7410+1.1734i	-0.7791-1.1430i	2.2857-0.7141i	2.1634+0.4278i	0.1267+0.1610i	-0.3463-0.6127i	3.2643+4.1224i	1.8744+3.9225i
60.4	1.7516+1.1327i	-0.8028-1.0505i	2.2856-0.7007i	2.2076+0.3867i	0.1150+0.1629i	-0.2683-0.7387i	3.3734+3.8904i	2.0233+3.8905i
60.5	1.7846+1.1369i	-0.8843-0.9978i	2.2964-0.6941i	2.2790+0.3409i	0.1092+0.1613i	-0.1019-0.9030i	3.7244+3.7363i	2.4224+3.8724i
60.6	1.8041+1.1295i	-0.9587-0.9274i	2.3057-0.6794i	2.3374+0.3077i	0.0756+0.1736i	0.1223-1.0315i	3.9811+3.4696i	2.6748+3.7505i
60.7	1.8638+1.0720i	-0.9790-0.7961i	2.2734-0.6080i	2.3506+0.2408i	0.0832+0.1680i	0.1029-1.3352i	4.0895+2.9392i	2.8725+3.3598i
60.8	1.9008+1.0217i	-0.9522-0.6517i	2.2483-0.5041i	2.3775+0.1915i	0.0964+0.1850i	0.0362-1.6655i	4.1624+2.4120i	3.1241+2.9201i
60.9	1.9200+0.9787i	-0.9360-0.5595i	2.2599-0.4674i	2.4222+0.1222i	0.1022+0.2466i	0.0569-1.8997i	4.2556+2.1882i	3.4234+2.8217i
61.0	1.9453+0.9361i	-0.9323-0.4466i	2.2471-0.4446i	2.4555+0.0524i	0.1314+0.2789i	0.1536-2.1719i	4.3518+1.8398i	3.5923+2.6460i
61.1	1.9497+0.9171i	-0.8890-0.3930i	2.3117-0.4042i	2.4387+0.0013i	0.1796+0.2870i	-0.0340-2.3337i	4.2210+1.4993i	3.5643+2.3475i
61.2	1.9912+0.8898i	-0.8016-0.3912i	2.3827-0.2559i	2.4048-0.0931i	0.1828+0.2354i	-0.4709-2.7597i	4.0829+1.0549i	3.7220+1.7736i
61.3	1.9814+0.8725i	-0.7045-0.3374i	2.4186-0.1746i	2.4046-0.1063i	0.1817+0.2018i	-0.6214-2.9985i	3.8888+0.7677i	3.7289+1.5969i
61.4	1.9664+0.8810i	-0.6597-0.3256i	2.4391-0.1519i	2.3752-0.1336i	0.2249+0.1658i	-0.7746-3.1264i	3.7109+0.5967i	3.7295+1.4844i
61.5	2.0140+0.8640i	-0.6231-0.3041i	2.4925-0.1133i	2.3701-0.1945i	0.1916+0.1546i	-0.9819-3.3462i	3.5899+0.3085i	3.8205+1.1094i
61.6	2.0299+0.8590i	-0.5717-0.2810i	2.5617-0.0548i	2.3858-0.1895i	0.1790+0.1505i	-1.2020-3.4774i	3.4050+0.1114i	3.7626+0.9073i
61.7	2.0305+0.8592i	-0.4944-0.3083i	2.6619-0.0091i	2.3766-0.1888i	0.2316+0.1439i	-1.5933-3.5586i	3.0464-0.0303i	3.5786+0.7092i
61.8	2.0534+0.8375i	-0.4741-0.3120i	2.7086+0.0075i	2.3700-0.2421i	0.2356+0.1216i	-1.7532-3.6422i	2.9475-0.1406i	3.6582+0.4499i
61.9	2.0724+0.8134i	-0.4647-0.3038i	2.7183+0.0400i	2.3762-0.2429i	0.2114+0.1441i	-1.8468-3.6685i	2.8001-0.1932i	3.5384+0.3399i
62.0	2.0893+0.8295i	-0.4379-0.3230i	2.7518+0.1042i	2.3803-0.2589i	0.2448+0.1465i	-2.0124-3.7895i	2.6680-0.2175i	3.5455+0.2028i
62.1	2.0995+0.8423i	-0.4269-0.3423i	2.8035+0.1414i	2.3836-0.2572i	0.2731+0.0808i	-2.1893-3.8113i	2.5493-0.2245i	3.5042+0.1174i
62.2	2.0973+0.8514i	-0.3943-0.3812i	2.9429+0.1385i	2.4077-0.2802i	0.2398+0.0146i	-2.4501-3.7051i	2.3436-0.2048i	3.3458+0.1012i
62.3	2.1388+0.8301i	-0.4021-0.4184i	3.0401+0.1827i	2.4305-0.3041i	0.2240+0.0143i	-2.6816-3.6764i	2.2004-0.2435i	3.1677-0.0988i

62.4	2.1682+0.7975i	-0.4156-0.4192i	3.1341+0.2144i	2.4537-0.3322i	0.2292-0.0080i	-2.8492-3.6866i	2.1396-0.2539i	3.1767-0.1728i
62.5	2.2171+0.8206i	-0.4233-0.4421i	3.2983+0.2184i	2.4958-0.3404i	0.1479-0.0342i	-3.0452-3.5823i	2.0119-0.2399i	3.0188-0.3055i
62.6	2.2619+0.8364i	-0.4119-0.4495i	3.3883+0.2589i	2.5232-0.3410i	0.1058-0.0792i	-3.2569-3.6493i	1.8594-0.3034i	2.9155-0.3977i
62.7	2.2370+0.8579i	-0.3980-0.4555i	3.4627+0.2987i	2.5219-0.3463i	0.1785-0.0868i	-3.4578-3.7587i	1.7671-0.3434i	2.8615-0.4673i
62.8	2.2660+0.8887i	-0.4104-0.4735i	3.4915+0.2360i	2.5008-0.3907i	0.1887-0.0996i	-3.5467-3.7668i	1.7097-0.3526i	2.8964-0.4827i
62.9	2.2930+0.8835i	-0.4131-0.4625i	3.6176+0.2323i	2.5281-0.4403i	0.1239-0.1218i	-3.7083-3.7824i	1.6176-0.4112i	2.8655-0.5887i
63.0	2.3463+0.8972i	-0.4266-0.4583i	3.7178+0.2186i	2.5477-0.4637i	0.0401-0.1467i	-3.8489-3.7076i	1.4885-0.3573i	2.7743-0.4536i
63.1	2.4026+0.9531i	-0.4454-0.4880i	3.7664+0.2119i	2.5468-0.4647i	-0.0342-0.1907i	-4.0160-3.7165i	1.3628-0.3257i	2.7793-0.4453i
63.2	2.4244+0.9752i	-0.4434-0.4890i	3.8700+0.1744i	2.5338-0.5038i	-0.0413-0.1673i	-4.1974-3.6957i	1.2808-0.3230i	2.7751-0.5661i
63.3	2.4973+0.9908i	-0.4757-0.4901i	4.0004+0.1216i	2.5405-0.5435i	-0.0653-0.1609i	-4.3723-3.5874i	1.2668-0.2973i	2.7397-0.6807i
63.4	2.5836+1.0252i	-0.5195-0.5109i	4.0781+0.0960i	2.5610-0.5672i	-0.0851-0.1312i	-4.5288-3.5508i	1.2504-0.2432i	2.8576-0.7291i
63.5	2.6915+1.0290i	-0.5382-0.5080i	4.1939+0.1021i	2.5790-0.5884i	-0.1212-0.0787i	-4.7202-3.5632i	1.1558-0.2720i	2.7434-0.8003i
63.6	2.7951+1.0106i	-0.5419-0.4879i	4.2748+0.0881i	2.5741-0.6013i	-0.2104-0.0396i	-4.8556-3.5753i	1.0314-0.2902i	2.7405-0.7552i
63.7	2.8609+1.0487i	-0.5510-0.4875i	4.3308+0.1184i	2.5728-0.5720i	-0.2042-0.0302i	-5.0536-3.5853i	0.9511-0.2151i	2.8594-0.8144i
63.8	2.9166+1.0412i	-0.5499-0.4673i	4.3605+0.1330i	2.5690-0.5172i	-0.2017-0.0297i	-5.1724-3.5689i	0.8813-0.2209i	2.7648-0.8908i
63.9	3.0839+1.0157i	-0.5866-0.4647i	4.5466+0.1903i	2.6518-0.5335i	-0.2568+0.0140i	-5.4252-3.6193i	0.7516-0.1615i	2.8311-0.9181i
64.0	3.2006+0.9218i	-0.6173-0.4429i	4.5823+0.1115i	2.6509-0.5723i	-0.2574-0.0026i	-5.5810-3.5432i	0.6424-0.1703i	2.8154-1.1085i
64.1	3.2479+0.8971i	-0.6205-0.4394i	4.6466+0.0580i	2.6510-0.5667i	-0.2724+0.0132i	-5.6827-3.4380i	0.5927-0.0998i	2.8021-1.1098i
64.2	3.3316+0.8821i	-0.6504-0.4455i	4.7400+0.0472i	2.6621-0.5618i	-0.2952+0.0430i	-5.9025-3.3838i	0.5220+0.0406i	2.8244-1.1501i
64.3	3.4028+0.8051i	-0.6585-0.4195i	4.8276+0.0557i	2.7013-0.5446i	-0.3229+0.0867i	-6.0780-3.3933i	0.4507+0.1231i	2.9385-1.1848i
64.4	3.4756+0.7719i	-0.6700-0.3870i	4.8992+0.0940i	2.7293-0.4809i	-0.3987+0.1028i	-6.2153-3.3902i	0.3839+0.1544i	3.0429-1.1879i
64.5	3.6256+0.6801i	-0.6980-0.3689i	5.1107+0.0510i	2.8415-0.5032i	-0.3869+0.1106i	-6.5050-3.3675i	0.3506+0.1495i	3.1449-1.4091i
64.6	3.6590+0.5824i	-0.6761-0.3216i	5.2542+0.0209i	2.9034-0.5286i	-0.3656+0.1685i	-6.7314-3.2988i	0.3384+0.1912i	3.1621-1.7549i
64.7	3.6430+0.4987i	-0.6353-0.2911i	5.3330+0.0260i	2.9700-0.5323i	-0.4119+0.1850i	-6.9747-3.2507i	0.1776+0.2824i	3.1833-1.9531i
64.8	3.6496+0.4818i	-0.6029-0.2989i	5.4274+0.0351i	3.0344-0.5148i	-0.3855+0.1722i	-7.2101-3.2517i	-0.0226+0.3967i	3.1557-1.9882i
64.9	3.7356+0.4636i	-0.6056-0.2879i	5.5446+0.0396i	3.1296-0.5242i	-0.3737+0.2178i	-7.3697-3.2400i	-0.1350+0.5429i	3.3286-2.2460i
65.0	3.7839+0.4079i	-0.5916-0.2772i	5.6828+0.0563i	3.2199-0.5275i	-0.3956+0.2545i	-7.6275-3.1411i	-0.1829+0.6716i	3.1050-2.4327i
65.1	3.8053+0.3422i	-0.5837-0.2812i	5.8636-0.0135i	3.2797-0.5923i	-0.4635+0.2833i	-7.9169-2.9301i	-0.1835+0.8685i	2.9229-2.6017i
65.2	3.8615+0.3345i	-0.5654-0.2726i	6.1183-0.0380i	3.4086-0.5947i	-0.4873+0.3368i	-8.2292-2.8264i	-0.3230+1.0636i	2.8737-2.7488i
65.3	3.9058+0.3091i	-0.5520-0.2572i	6.2678-0.0847i	3.4938-0.6124i	-0.4579+0.3742i	-8.4633-2.7257i	-0.3375+1.1960i	2.7193-2.7762i
65.4	3.9284+0.2423i	-0.5151-0.2373i	6.4095-0.1076i	3.6045-0.6780i	-0.4289+0.3948i	-8.6999-2.6189i	-0.3806+1.4294i	2.6284-3.0179i
65.5	4.0021+0.1834i	-0.4847-0.2513i	6.5919-0.1524i	3.7506-0.7661i	-0.4408+0.4068i	-9.0096-2.4626i	-0.4620+1.6754i	2.6827-3.0344i
65.6	4.0736+0.1287i	-0.4741-0.2652i	6.7585-0.2681i	3.8410-0.8920i	-0.4446+0.4185i	-9.2331-2.2053i	-0.4312+1.9912i	2.7054-3.1363i
65.7	4.1855+0.1021i	-0.4767-0.2904i	7.0956-0.3721i	3.9533-1.0348i	-0.4163+0.4766i	-9.5873-2.0055i	-0.2552+2.3109i	2.5921-3.3986i
65.8	4.2517+0.0731i	-0.4899-0.3116i	7.3103-0.4437i	4.0152-1.1378i	-0.4845+0.5461i	-9.8228-1.8010i	-0.0804+2.5878i	2.5038-3.6493i
65.9	4.3223+0.0060i	-0.5060-0.3234i	7.4748-0.6958i	4.0418-1.3034i	-0.5220+0.5979i	-10.0226-1.4124i	0.1812+2.8473i	2.2491-3.9301i
66.0	4.4537+0.0152i	-0.5010-0.3299i	7.7580-0.7387i	4.1480-1.3672i	-0.5635+0.6147i	-10.3349-1.3269i	0.4247+3.0047i	1.9957-4.1801i
66.1	4.5219-0.0499i	-0.4861-0.3535i	7.8667-0.9642i	4.1866-1.4869i	-0.5716+0.6520i	-10.4879-0.9958i	0.6045+3.0960i	1.7931-4.0925i
66.2	4.6960-0.0052i	-0.5002-0.3880i	8.1833-0.9554i	4.3475-1.5322i	-0.6312+0.7163i	-10.8114-0.9386i	0.7479+3.3167i	1.7682-4.1864i
66.3	4.7414-0.1586i	-0.4894-0.4008i	8.2693-1.1483i	4.3237-1.6768i	-0.5875+0.8084i	-10.9064-0.7048i	1.0067+3.2623i	1.3304-4.1520i
66.4	4.8124-0.2103i	-0.4977-0.3923i	8.3186-1.4335i	4.3021-1.7807i	-0.6399+0.8889i	-11.0032-0.2662i	1.2909+3.3010i	1.0106-4.2338i
66.5	4.9617-0.2566i	-0.5113-0.4103i	8.5659-1.5744i	4.4010-1.8720i	-0.6781+0.9540i	-11.2937-0.0520i	1.5012+3.2898i	0.7740-4.3537i
66.6	5.1879-0.3789i	-0.5236-0.4107i	8.8321-1.6887i	4.5468-2.0332i	-0.6159+1.0504i	-11.6425+0.1242i	1.6920+3.3922i	0.6533-4.5791i
66.7	5.2989-0.6166i	-0.4907-0.4177i	9.1101-1.9460i	4.6443-2.2507i	-0.5819+1.1862i	-11.9735+0.4904i	1.8540+3.3877i	0.2966-4.5416i
66.8	5.3507-0.6848i	-0.5078-0.4506i	9.2654-2.1475i	4.6593-2.3457i	-0.5895+1.2586i	-12.1824+0.8249i	2.0190+3.4320i	0.0753-4.3484i
66.9	5.4501-0.6782i	-0.5070-0.5064i	9.5022-2.2586i	4.7232-2.4344i	-0.5727+1.4174i	-12.4772+1.0748i	2.1252+3.6210i	-0.0072-4.3076i
67.0	5.6398-0.7855i	-0.5461-0.5165i	9.7546-2.3955i	4.8220-2.5643i	-0.5577+1.4581i	-12.7157+1.3644i	2.3870+3.7566i	-0.0623-4.4666i
67.1	5.7372-0.8603i	-0.5951-0.5215i	9.9020-2.6246i	4.8324-2.6788i	-0.5654+1.5452i	-12.8132+1.6387i	2.6525+3.7226i	-0.1795-4.5318i
67.2	5.8814-1.0722i	-0.6135-0.5274i	10.0085-2.9266i	4.8745-2.8501i	-0.4437+1.7361i	-12.9274+2.0682i	2.9464+3.6818i	-0.5509-4.3726i
67.3	6.1506-1.0547i	-0.6381-0.5764i	10.4033-2.9637i	5.1148-2.9323i	-0.4021+1.9121i	-13.4049+2.1586i	2.9395+3.8897i	-0.4551-4.2709i
67.4	6.3071-1.3426i	-0.6534-0.6012i	10.7361-3.3521i	5.1913-3.2191i	-0.2802+2.0844i	-13.7312+2.7720i	3.2123+4.0112i	-0.6568-4.2950i
67.5	6.3935-1.6347i	-0.6519-0.6116i	10.9198-3.8572i	5.2028-3.5453i	-0.1333+2.1847i	-13.9549+3.3899i	3.3982+4.0195i	-1.0069-4.1685i
67.6	6.4646-1.8613i	-0.7218-0.6208i	10.9712-4.2519i	5.1600-3.7921i	0.0746+2.1705i	-14.0201+3.9074i	3.7190+4.0345i	-1.0798-4.1833i
67.7	6.6736-2.2013i	-0.8043-0.5882i	11.2536-4.7228i	5.1887-4.1208i	0.3652+2.2262i	-14.3828+4.4874i	4.1007+4.1922i	-0.9263-4.3782i
67.8	6.9958-2.4395i	-0.8407-0.5842i	11.7355-4.9929i	5.3617-4.3888i	0.5288+2.3544i	-14.9780+4.9065i	4.4416+4.3975i	-0.9957-4.4164i
67.9	7.3054-2.7166i	-0.8781-0.5569i	12.0882-5.4410i	5.4539-4.6685i	0.6545+2.4688i	-15.3831+5.4979i	5.0119+4.4869i	-1.3458-4.6635i
68.0	7.2384-3.2122i	-0.9387-0.5318i	12.0538-6.2437i	5.1999-5.1122i	0.7435+2.4389i	-15.4026+6.5744i	5.6319+4.4976i	-1.6481-4.8434i
68.1	7.4017-3.4408i	-0.9884-0.5255i	12.3752-6.3875i	5.2571-5.2513i	0.8784+2.5451i	-15.7271+6.9259i	6.2546+4.6427i	-1.6670-5.1226i
68.2	7.3406-3.8131i	-0.9800-0.5057i	12.4171-6.7265i	5.1339-5.4861i	1.0595+2.4804i	-15.7931+7.4265i	6.7879+4.2613i	-2.0442-4.8111i
68.3	7.3896-4.2301i	-0.9842-0.5240i	12.7175-7.5595i	5.0823-5.8683i	1.2069+2.5286i	-16.1217+8.4606i	7.5142+3.9242i	-2.6332-4.7248i
68.4	7.5087-4.8687i	-1.0728-0.4613i	12.8149-8.6402i	4.9525-6.3071i	1.3919+2.6248i	-16.2263+9.8261i	8.3583+3.2577i	-3.0544-4.9644i
68.5	7.4817-5.1477i	-1.0835-0.4548i	12.9200-8.8850i	4.9375-6.3675i	1.5418+2.6938i	-16.3811+10.3959i	8.2267+2.7421i	-3.1151-4.5384i
68.6	7.0201-5.4976i	-1.0239-0.4247i	12.4047-9.4027i	4.5975-6.5467i	1.7989+2.5935i	-15.7664+11.2104i	7.8239+2.1226i	-3.3144-3.8696i

68.7	6.8137-6.2312i	-1.0255-0.4004i	12.4024-10.7650i	4.4370-7.1439i	2.1831+2.5507i	-15.7076+13.0073i	8.5756+1.4069i	-4.1617-3.4983i
68.8	6.9900-6.4834i	-1.0793-0.4310i	12.8003-11.4813i	4.5304-7.4610i	2.4468+2.6223i	-15.9695+14.0368i	9.1060+1.4376i	-4.2226-3.7260i
68.9	6.9179-6.8366i	-1.1317-0.4096i	12.7014-12.2718i	4.4227-7.7754i	2.7196+2.6015i	-15.7218+15.2951i	9.3337+0.8600i	-4.3770-3.4594i
69.0	6.1812-6.9400i	-1.0660-0.3822i	11.7788-12.4756i	3.8884-7.8124i	2.9247+2.3110i	-14.3588+15.7953i	9.0239+0.2283i	-4.3982-3.0023i
69.1	5.7791-7.1667i	-1.0701-0.4066i	10.8620-13.2148i	3.4447-8.0689i	3.1680+2.0336i	-13.0677+16.8557i	8.8561-0.1896i	-4.3943-2.7059i
69.2	5.5955-7.6498i	-1.1362-0.4199i	10.5789-14.1131i	3.1673-8.6309i	3.5462+1.7159i	-12.2594+18.1635i	9.3844-0.6432i	-4.6715-2.5139i
69.3	5.5487-7.8104i	-1.2524-0.4853i	10.5552-14.4344i	2.9635-8.9315i	3.7058+1.4400i	-11.6050+18.8800i	10.0805-0.6968i	-4.9375-2.5575i
69.4	5.0254-8.2703i	-1.3288-0.4578i	10.0528-15.3662i	2.2503-9.4013i	3.8220+0.9814i	-10.3097+19.8226i	10.8548-1.3865i	-5.4208-2.3535i
69.5	4.7698-8.4085i	-1.3634-0.4155i	9.5223-15.4306i	1.8688-9.4352i	3.7939+0.8520i	-9.4208+19.7777i	11.3739-2.1532i	-5.9475-1.9938i
69.6	4.2419-8.5729i	-1.4240-0.3684i	8.3963-16.1148i	1.1327-9.4338i	3.6880+0.5121i	-7.8719+20.3126i	11.4823-3.8611i	-6.3060-1.1011i
69.7	4.1318-8.9261i	-1.5157-0.3557i	8.4484-16.9110i	0.8037-9.7834i	3.8050+0.2725i	-7.3757+21.1943i	12.0830-5.0134i	-6.6067-0.5592i
69.8	3.4348-9.1343i	-1.6731-0.2711i	7.0918-18.2405i	-0.3272-9.8615i	3.8355-0.1597i	-5.2644+22.0721i	11.5460-7.1764i	-6.2618+0.4592i
69.9	3.3682-9.3142i	-1.7947-0.2655i	6.9686-18.6315i	-0.5982-9.9394i	3.9632-0.2811i	-4.6984+22.4032i	10.9718-8.3915i	-5.8537+1.2505i
70.0	3.4387-9.1681i	-1.8829-0.2108i	6.4244-18.0588i	-0.7584-9.5217i	3.9233-0.3027i	-3.9772+21.5724i	9.4504-9.0642i	-5.0128+1.8582i
70.1	2.9413-9.4313i	-1.9770-0.0485i	5.2297-18.6187i	-1.5524-9.4067i	3.9422-0.7390i	-2.4398+21.7854i	8.2443-10.3029i	-4.6295+2.2805i
70.2	2.7016-9.8498i	-2.1110+0.1302i	4.6749-19.1892i	-2.1133-9.2685i	3.9728-1.2606i	-1.4626+22.0985i	6.8145-10.8899i	-3.9643+2.3379i
70.3	2.6311-10.0851i	-2.1980+0.2674i	4.2570-19.1573i	-2.2585-9.0004i	3.9514-1.3626i	-0.7817+21.8639i	5.6098-10.5708i	-3.3575+2.1822i
70.4	2.1418-10.3382i	-2.1655+0.5232i	3.0625-19.1568i	-2.6686-8.3854i	3.6840-1.7476i	0.5829+21.5213i	3.9352-10.8715i	-3.0699+2.5573i
70.5	1.5609-11.0370i	-2.1344+0.8305i	2.0326-19.7526i	-3.0818-8.2028i	3.5497-2.1595i	1.8010+21.7579i	3.2195-10.7723i	-2.9727+2.3435i
70.6	0.7020-11.1695i	-1.9390+1.0376i	0.8139-19.6259i	-3.3390-7.7171i	3.1234-2.4844i	3.0581+21.1692i	2.0751-10.2568i	-2.5728+2.3132i
70.7	-0.0539-11.2905i	-1.7343+1.2148i	-0.3803-19.2928i	-3.4020-7.2733i	2.6002-2.6774i	4.1919+20.5123i	1.2481-9.4691i	-2.3213+2.0776i
70.8	-0.9949-11.5331i	-1.5782+1.3868i	-1.1177-19.7529i	-3.5533-7.1806i	2.2892-2.8671i	5.3777+20.4672i	0.5740-9.3238i	-1.9939+2.1152i
70.9	-2.0519-11.4730i	-1.3917+1.4493i	-2.4331-19.7462i	-3.7906-7.0270i	1.9841-2.9840i	6.8117+19.9910i	-0.5641-9.0213i	-1.5401+2.2202i
71.0	-2.8115-10.8082i	-1.1926+1.3812i	-3.6667-18.8414i	-3.8207-6.6603i	1.5987-2.7189i	7.7239+18.7438i	-1.3584-8.1886i	-1.1597+2.0103i
71.1	-3.3891-10.5239i	-1.0611+1.3807i	-4.3329-18.4658i	-3.9538-6.6280i	1.4057-2.5864i	8.2925+18.0834i	-1.4939-7.1386i	-1.0354+1.4408i
71.2	-4.0949-10.3356i	-0.9980+1.4005i	-5.0552-18.2919i	-4.2266-6.6687i	1.3605-2.5570i	9.1895+17.6376i	-1.7325-6.3874i	-0.8654+1.1258i
71.3	-4.5857-9.7538i	-0.8800+1.3783i	-5.7062-17.6733i	-4.3735-6.4515i	1.1982-2.5213i	9.7916+16.7122i	-1.7332-5.8782i	-1.0166+0.9814i
71.4	-5.1524-8.9633i	-0.7423+1.3587i	-6.8055-17.1169i	-4.7034-6.0695i	0.8995-2.5095i	10.5655+15.5696i	-1.7150-5.2396i	-1.2275+0.6193i
71.5	-5.1641-8.2785i	-0.7027+1.2857i	-7.0468-15.6042i	-4.5990-5.6874i	0.9368-2.3223i	10.4272+14.2023i	-1.2439-4.5567i	-1.5918+0.4901i
71.6	-5.3105-8.0523i	-0.6685+1.2687i	-7.3039-15.3946i	-4.7154-5.6470i	0.8750-2.2996i	10.6242+13.8673i	-0.8083-4.6045i	-1.9701+0.5472i
71.7	-5.4059-7.7778i	-0.6569+1.2506i	-7.1896-14.9277i	-4.7747-5.6021i	0.9686-2.2915i	10.4644+13.3951i	-0.3073-4.3935i	-2.1860+0.6292i
71.8	-5.5891-7.1005i	-0.5611+1.2219i	-7.9616-14.2410i	-4.9672-5.1976i	0.8045-2.1650i	10.7723+12.3535i	-0.0589-4.2279i	-2.4186+0.6657i
71.9	-5.6619-6.4956i	-0.5024+1.2167i	-8.4391-13.2435i	-5.0519-4.8014i	0.6321-2.1564i	10.8552+11.3720i	0.1188-3.8463i	-2.4553+0.8087i
72.0	-5.6508-6.0688i	-0.4553+1.2082i	-8.5748-12.4233i	-5.0313-4.4712i	0.5669-2.1233i	10.8561+10.7220i	0.4427-3.9671i	-2.6198+0.9963i
72.1	-5.5496-5.7547i	-0.4402+1.1585i	-8.4020-12.0779i	-5.0003-4.3316i	0.5123-2.0363i	10.6704+10.3445i	0.5649-4.3515i	-2.5721+1.3422i
72.2	-5.5676-5.4380i	-0.3643+1.1387i	-8.2188-11.3152i	-5.0022-4.0939i	0.4714-2.0866i	10.4426+9.7789i	0.7631-4.5097i	-2.6364+1.7163i
72.3	-5.6566-5.0772i	-0.2929+1.1231i	-8.3725-11.2376i	-5.1064-3.9179i	0.2906-2.0982i	10.6529+9.4520i	0.6711-4.9075i	-2.5422+1.9485i
72.4	-5.4746-4.8514i	-0.2973+1.1167i	-8.3489-10.6170i	-5.0106-3.7253i	0.2794-2.0065i	10.5256+9.0165i	0.6088-5.1678i	-2.4561+2.1755i
72.5	-5.1916-4.7828i	-0.3354+1.1512i	-8.1663-9.9530i	-4.8051-3.5707i	0.3790-2.0141i	10.2573+8.7259i	0.4922-5.1505i	-2.2287+2.3848i
72.6	-5.1347-4.6162i	-0.3180+1.2215i	-7.8700-9.3406i	-4.7151-3.3469i	0.4002-2.1030i	10.1311+8.2641i	0.3671-5.1510i	-1.8743+2.5482i
72.7	-5.2130-4.4064i	-0.2683+1.2133i	-8.0895-9.0166i	-4.7930-3.1836i	0.3152-2.0931i	10.3012+7.8351i	0.2066-5.3384i	-1.8242+2.6461i
72.8	-5.1749-4.1174i	-0.1929+1.2023i	-8.1388-8.3232i	-4.7190-2.8798i	0.2473-2.1047i	10.3029+7.2571i	-0.0741-5.6268i	-1.5608+2.8999i
72.9	-5.1110-4.0090i	-0.1213+1.2244i	-7.7647-7.8479i	-4.5703-2.7338i	0.1743-2.1362i	10.0145+7.0037i	-0.1794-5.5590i	-1.3414+2.9732i
73.0	-5.0335-4.0103i	-0.0581+1.2417i	-7.2831-7.7061i	-4.3985-2.7287i	0.0838-2.2017i	9.8136+7.0228i	-0.2709-5.6490i	-1.1002+3.0298i
73.1	-5.0836-3.8475i	0.0586+1.2033i	-7.0862-7.7736i	-4.3724-2.7054i	-0.1030-2.2239i	9.8813+6.8942i	-0.6950-5.8510i	-0.7849+3.0987i
73.2	-5.2611-3.6985i	0.1997+1.1627i	-6.7636-7.7714i	-4.3834-2.6657i	-0.3320-2.2361i	9.8998+6.7574i	-1.0384-6.2088i	-0.5481+3.2162i
73.3	-5.2845-3.6914i	0.2624+1.1747i	-6.6089-7.3590i	-4.2886-2.5918i	-0.4228-2.2917i	9.8515+6.4758i	-1.1390-6.1849i	-0.3966+3.2341i
73.4	-5.3247-3.5653i	0.3740+1.1353i	-6.1372-7.1119i	-4.1503-2.5172i	-0.5646-2.2269i	9.6817+6.3086i	-1.4583-6.1565i	-0.0967+3.2483i
73.5	-5.3800-3.3106i	0.4386+1.0732i	-6.1287-7.0201i	-4.1678-2.3688i	-0.6539-2.1008i	9.7611+5.9197i	-2.0009-6.0627i	0.2237+3.0470i
73.6	-5.4871-3.1296i	0.5378+0.9951i	-5.7695-7.0478i	-4.0725-2.3651i	-0.8624-2.0692i	9.7484+5.8231i	-2.3964-5.8852i	0.5921+2.9423i
73.7	-5.6280-2.9865i	0.6269+0.9115i	-5.3649-7.1749i	-4.0444-2.4534i	-1.0084-1.9742i	9.6800+5.7142i	-2.7274-5.6317i	0.8288+2.7550i
73.8	-5.6314-2.7900i	0.6692+0.8770i	-5.5319-7.0152i	-4.0353-2.3548i	-1.0891-1.9222i	9.7155+5.3245i	-2.8603-5.1703i	0.8747+2.4658i
73.9	-5.6406-2.5875i	0.7303+0.8531i	-5.5001-6.8764i	-3.9545-2.2474i	-1.1848-1.9066i	9.6282+5.1460i	-2.8518-4.8310i	0.9411+2.3025i
74.0	-5.6227-2.3553i	0.8397+0.7195i	-5.0839-6.9098i	-3.8115-2.3542i	-1.3832-1.7488i	9.5136+5.1425i	-2.9551-4.8122i	1.1264+2.2468i
74.1	-5.5463-2.1438i	0.8769+0.6112i	-4.9492-6.8749i	-3.7519-2.3572i	-1.4585-1.6524i	9.4125+5.0437i	-2.9703-4.6893i	1.2000+2.1580i
74.2	-5.5354-1.9110i	0.9531+0.4811i	-4.6753-7.0574i	-3.7812-2.3479i	-1.5998-1.5013i	9.2942+5.0105i	-2.9204-4.6167i	1.2454+2.0233i
74.3	-5.5745-1.7282i	0.9956+0.3432i	-4.4924-7.1118i	-3.8085-2.4080i	-1.6799-1.2969i	9.3472+4.9073i	-3.0669-4.5426i	1.4026+1.8836i
74.4	-5.6700-1.5186i	1.0705+0.1922i	-4.2393-7.3129i	-3.9207-2.4731i	-1.7884-1.1293i	9.4982+4.8955i	-3.3388-4.4668i	1.6000+1.8291i
74.5	-5.6154-1.3060i	1.1145+0.0550i	-3.9426-7.3721i	-3.8953-2.5015i	-1.9393-1.0195i	9.4178+4.8638i	-3.4212-4.4877i	1.6951+1.7395i
74.6	-5.4924-1.1322i	1.0892-0.0777i	-3.9010-7.5361i	-3.8670-2.4927i	-1.9411-0.8160i	9.4238+4.8730i	-3.5316-4.4196i	1.7509+1.6240i
74.7	-5.4549-0.9397i	1.0762-0.2723i	-3.7937-8.0065i	-3.9449-2.5912i	-1.9804-0.5646i	9.6871+5.0815i	-3.8294-4.3208i	2.0140+1.4782i
74.8	-5.4468-0.6266i	1.0264-0.4501i	-3.8493-8.3190i	-4.1082-2.5771i	-1.9844-0.3580i	9.9932+4.9744i	-4.0391-4.0973i	2.1663+1.1940i
74.9	-5.2718-0.4986i	0.9074-0.5569i	-4.1874-8.4549i	-4.2532-2.5108i	-1.8686-0.1996i	10.2590+4.7351i	-4.1734-3.9439i	1.9779+0.9406i

75.0	-5.0842-0.2869i	0.8062-0.7658i	-4.2667-8.9001i	-4.3738-2.4739i	-1.8143+0.1289i	10.4903+4.7797i	-4.4809-3.7279i	2.0445+0.8187i
75.1	-4.9591-0.1987i	0.6779-0.8611i	-4.6278-8.9428i	-4.4661-2.4152i	-1.7045+0.2583i	10.8557+4.6703i	-4.6628-3.4844i	2.0650+0.6465i
75.2	-4.8449-0.0160i	0.5970-0.9730i	-4.8317-9.0473i	-4.4935-2.3126i	-1.5920+0.4053i	11.0591+4.4929i	-4.6659-3.2958i	2.1224+0.3794i
75.3	-4.7962+0.1523i	0.5191-1.0466i	-5.0376-9.2054i	-4.5958-2.2031i	-1.5401+0.5216i	11.3181+4.2569i	-4.7485-3.0424i	2.1653+0.1644i
75.4	-4.6804+0.2841i	0.3886-1.1025i	-5.3789-9.2621i	-4.6799-2.0890i	-1.3915+0.5877i	11.6029+3.9820i	-4.8583-2.7910i	2.0794+0.0484i
75.5	-4.5437+0.5359i	0.2302-1.2636i	-5.6400-9.6210i	-4.8313-2.0141i	-1.2358+0.8005i	12.1579+3.7713i	-5.0732-2.4351i	2.0622-0.2188i
75.6	-4.4088+0.6260i	0.0626-1.3620i	-5.8479-9.7077i	-4.9507-2.0188i	-1.1199+0.9522i	12.6350+3.5883i	-5.1919-2.2854i	1.9778-0.4360i
75.7	-4.1683+0.7077i	-0.1492-1.3849i	-6.3133-9.6144i	-5.0325-1.8594i	-0.9136+1.0296i	12.9641+3.0610i	-5.1453-1.8914i	1.8541-0.6003i
75.8	-3.9602+0.7196i	-0.3088-1.4182i	-6.4950-9.3796i	-5.0376-1.7788i	-0.8084+1.1113i	13.2555+2.7484i	-5.0861-1.5835i	1.7787-0.8623i
75.9	-3.8936+0.7322i	-0.4522-1.4394i	-6.5775-9.4883i	-5.1836-1.7305i	-0.6448+1.1642i	13.6801+2.5122i	-5.1325-1.3482i	1.7122-1.0224i
76.0	-3.7198+0.7192i	-0.6382-1.4007i	-7.0074-9.2612i	-5.2631-1.5929i	-0.4765+1.1599i	14.0293+1.9913i	-5.0282-1.1036i	1.5337-1.1780i
76.1	-3.5369+0.7258i	-0.8265-1.3031i	-7.4031-8.8955i	-5.3090-1.3163i	-0.3105+1.0821i	14.2814+1.1580i	-4.9515-0.8128i	1.3601-1.2854i
76.2	-3.4271+0.8022i	-1.0261-1.3156i	-7.4493-9.0295i	-5.4635-1.1869i	-0.1094+1.1445i	14.7901+0.6121i	-4.9378-0.5990i	1.1966-1.4447i
76.3	-3.3281+0.8959i	-1.1821-1.2515i	-7.7376-8.9823i	-5.5164-0.9155i	0.0358+1.1086i	15.0449-0.2382i	-4.9334-0.3561i	1.0514-1.4783i
76.4	-3.2703+0.9655i	-1.3355-1.1799i	-7.8868-8.9583i	-5.5753-0.6739i	0.1574+1.0591i	15.3542-1.1105i	-4.9321-0.0126i	0.9855-1.5613i
76.5	-3.1816+0.9692i	-1.4768-1.1147i	-8.2122-8.9218i	-5.5685-0.4937i	0.2710+1.0592i	15.6122-1.7837i	-4.8557+0.2633i	0.8171-1.7545i
76.6	-3.1440+0.9537i	-1.5823-0.9760i	-8.3589-8.6258i	-5.4941-0.2876i	0.3676+1.0033i	15.7405-2.7511i	-4.7220+0.5304i	0.6168-1.8217i
76.7	-3.0139+0.9778i	-1.7430-0.8445i	-8.6975-8.3478i	-5.4729-0.0633i	0.5281+0.9405i	15.8642-3.7658i	-4.5273+0.8639i	0.4837-1.9495i
76.8	-2.9346+1.0267i	-1.8664-0.7267i	-9.0472-8.1716i	-5.4541+0.1457i	0.6326+0.8870i	15.9782-4.8051i	-4.3763+1.1645i	0.2856-2.0807i
76.9	-2.8713+1.0253i	-1.9621-0.5612i	-9.0541-7.9283i	-5.3491+0.3372i	0.7496+0.8375i	15.8849-5.9722i	-4.0814+1.3860i	0.0463-2.0755i
77.0	-2.8910+1.1848i	-1.9463-0.4895i	-8.7808-7.9137i	-5.2369+0.4977i	0.7654+0.7815i	15.4660-6.8583i	-3.8405+1.5546i	-0.0209-2.1194i
77.1	-2.7910+1.2727i	-2.0020-0.3273i	-9.1607-7.7736i	-5.0314+0.6881i	0.7812+0.6906i	14.9294-8.1318i	-3.4315+1.7659i	-0.2403-2.2653i
77.2	-2.5850+1.3289i	-2.0467-0.2231i	-9.5781-7.7167i	-4.8406+0.7595i	0.8663+0.6530i	14.0994-8.8153i	-3.1386+1.7551i	-0.4894-2.2454i
77.3	-2.4886+1.3624i	-2.1129-0.1377i	-9.6767-7.5539i	-4.7939+0.7618i	0.9679+0.5976i	13.8008-9.2852i	-3.0587+1.6535i	-0.8224-2.2306i
77.4	-2.4358+1.4674i	-2.2435+0.0091i	-10.0240-7.6726i	-4.7907+0.9490i	1.0488+0.5276i	13.9523-10.6348i	-2.9057+1.8636i	-1.2677-2.2729i
77.5	-2.1928+1.4881i	-2.3015+0.2492i	-10.6571-7.4642i	-4.5636+1.1238i	1.0970+0.3816i	12.8618-12.0476i	-2.4537+1.9079i	-1.7434-2.0906i
77.6	-2.0562+1.5522i	-2.3012+0.4163i	-10.9829-6.9301i	-4.4359+1.1289i	1.1279+0.3542i	11.6526-13.0271i	-2.2568+1.7469i	-2.0860-1.7946i
77.7	-1.9722+1.5243i	-2.2693+0.5965i	-10.9373-6.5188i	-4.3574+1.1332i	1.1736+0.2594i	10.7461-13.7806i	-2.1802+1.6689i	-2.2908-1.4333i
77.8	-1.8465+1.5087i	-2.2133+0.7958i	-10.9699-6.0456i	-4.2701+1.1749i	1.1778+0.1661i	9.4507-14.5539i	-2.0884+1.6315i	-2.3816-1.0177i
77.9	-1.6833+1.5721i	-2.2170+0.8594i	-11.2023-5.8174i	-4.2404+1.1694i	1.2110+0.1929i	8.5238-14.8787i	-2.1049+1.5800i	-2.4384-0.8004i
78.0	-1.5556+1.5719i	-2.1431+0.9840i	-11.1993-5.5485i	-4.1903+1.2045i	1.2590+0.1139i	7.2898-15.2436i	-2.0972+1.6059i	-2.4060-0.5030i
78.1	-1.4456+1.4809i	-2.0413+1.1326i	-11.3165-5.0970i	-4.1128+1.2553i	1.2087+0.0263i	6.0240-15.3984i	-1.9718+1.6436i	-2.3179-0.2888i
78.2	-1.2734+1.4986i	-2.0167+1.2817i	-11.2906-4.9516i	-4.1368+1.3496i	1.2688-0.0791i	4.7154-15.8754i	-1.9252+1.7824i	-2.2890+0.0404i
78.3	-1.0206+1.4681i	-2.0126+1.4656i	-11.3510-4.8839i	-4.1146+1.4794i	1.4123-0.1376i	3.3510-16.2496i	-1.7832+1.9974i	-2.2781+0.2826i
78.4	-0.8525+1.3155i	-1.9526+1.6832i	-11.4454-4.3958i	-4.0564+1.5808i	1.4668-0.1943i	2.1345-16.5422i	-1.6204+2.2033i	-2.2463+0.4801i
78.5	-0.8226+1.3136i	-1.8512+1.7445i	-11.3402-4.1784i	-4.0563+1.6335i	1.4591-0.2373i	1.2006-16.4649i	-1.5333+2.2523i	-2.1269+0.5954i
78.6	-0.6233+1.2972i	-1.7464+1.8295i	-11.6050-4.1972i	-3.9991+1.7741i	1.5110-0.3489i	-0.3281-15.9798i	-1.2478+2.3340i	-1.9764+0.7037i
78.7	-0.4477+1.1022i	-1.6542+1.9988i	-11.8476-3.7828i	-3.9100+1.8752i	1.4999-0.4911i	-1.5579-15.7137i	-1.0007+2.4289i	-1.8536+0.9316i
78.8	-0.3412+1.0410i	-1.5538+2.1185i	-11.9276-3.3515i	-3.8632+2.0362i	1.5038-0.5724i	-2.6462-15.4733i	-0.8087+2.5257i	-1.7566+1.1092i
78.9	-0.3568+1.0133i	-1.3238+2.1843i	-11.8256-3.1156i	-3.7645+2.1736i	1.4815-0.6371i	-4.0973-14.9383i	-0.5185+2.5222i	-1.5698+1.2522i
79.0	-0.2477+0.9807i	-1.0733+2.2476i	-11.6061-2.9429i	-3.5329+2.3498i	1.5246-0.7315i	-5.9076-14.4257i	-0.0523+2.5557i	-1.3894+1.3276i
79.1	-0.0667+0.8692i	-0.9825+2.2400i	-11.5907-2.8441i	-3.3544+2.3839i	1.5523-0.8276i	-6.7164-13.5178i	0.1866+2.4050i	-1.2702+1.2985i
79.2	0.1520+0.5748i	-0.8524+2.3164i	-11.8871-2.4735i	-3.1711+2.4229i	1.5579-1.0134i	-7.8000-12.3364i	0.5002+2.2837i	-1.1380+1.3149i
79.3	0.4357+0.2825i	-0.7636+2.4958i	-12.3649-1.8385i	-2.9932+2.5518i	1.6169-1.2265i	-8.9545-11.5182i	0.9195+2.2176i	-1.1588+1.4661i
79.4	0.4920+0.0119i	-0.6447+2.5416i	-12.3346-1.2939i	-2.8465+2.5638i	1.6334-1.3592i	-9.3555-10.4511i	1.1383+2.0019i	-1.1008+1.5096i
79.5	0.3753-0.4064i	-0.4267+2.6477i	-12.1430-0.4967i	-2.7276+2.5617i	1.5597-1.5721i	-9.8624-9.3799i	1.3424+1.7013i	-0.9019+1.5938i
79.6	0.2561-0.5531i	-0.1815+2.5604i	-11.8376-0.2264i	-2.5681+2.5238i	1.4290-1.6871i	-10.4957-7.9129i	1.5594+1.3817i	-0.6766+1.5753i
79.7	0.1509-0.6979i	0.0162+2.4945i	-11.7091+0.0108i	-2.4654+2.5412i	1.3193-1.7705i	-11.1713-6.6377i	1.7453+1.0764i	-0.5092+1.5754i
79.8	-0.0214-0.9243i	0.1458+2.4616i	-11.6516+0.4763i	-2.4220+2.5289i	1.1545-1.8649i	-11.0857-5.4429i	1.7585+0.7176i	-0.4865+1.6000i
79.9	-0.2515-1.1571i	0.3438+2.4004i	-11.2551+0.9640i	-2.3003+2.5120i	0.9688-1.9476i	-11.0964-4.0642i	1.8360+0.3555i	-0.3232+1.5261i
80.0	-0.4392-1.2518i	0.5164+2.2745i	-10.7882+1.1494i	-2.1579+2.4573i	0.8128-1.9907i	-11.1411-2.8181i	1.9153+0.0778i	-0.1531+1.4708i

2.1.60 Run 5 – VTC-200 – Accels 41–47

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	19.6804+0.0000i	12.2673+0.0000i	-9.1645+0.0000i	6.5952+0.0000i	8.5675+0.0000i	10.0745+0.0000i	4.4069+0.0000i
0.1	3.2918-1.4929i	2.0387-0.8227i	-1.8850+0.2697i	1.1948-0.3596i	1.5803-0.2648i	-1.2376+1.7524i	1.2143-0.3714i
0.2	-0.0259-0.2317i	-0.1619-0.0500i	-0.0741-0.0282i	0.1104-0.1194i	0.0606-0.0439i	-1.3429+0.4599i	-0.0754-0.2173i
0.3	-0.0671+0.0172i	-0.0005-0.0455i	-0.0601+0.0159i	0.0256-0.0689i	0.0250+0.0316i	-0.4514+0.4223i	-0.0449-0.1198i
0.4	-0.0287+0.0244i	0.0077-0.0047i	-0.0301-0.0040i	0.0129-0.0012i	-0.0180+0.0424i	-0.1953-0.0658i	-0.0124+0.0158i
0.5	0.0088-0.0058i	-0.0005+0.0000i	0.0117+0.0053i	0.0006+0.0052i	-0.0099+0.0090i	-0.2103-0.1860i	0.0225+0.0067i
0.6	0.0002+0.0037i	0.0041-0.0017i	-0.0007-0.0074i	-0.0040+0.0045i	-0.0034+0.0004i	-0.3589-0.1487i	0.0080+0.0099i
0.7	-0.0054+0.0002i	0.0045-0.0008i	-0.0068-0.0087i	-0.0002+0.0003i	-0.0103+0.0031i	-0.3907+0.2674i	0.0049+0.0145i
0.8	-0.0028-0.0045i	0.0011+0.0017i	-0.0033-0.0055i	0.0007-0.0007i	-0.0072+0.0019i	0.0530+0.3112i	0.0001-0.0049i
0.9	0.0008-0.0038i	0.0076+0.0052i	0.0014-0.0034i	0.0010+0.0013i	0.0028+0.0015i	0.1516-0.0173i	0.0018+0.0012i
1.0	-0.0005-0.0019i	0.0026+0.0022i	-0.0018-0.0001i	0.0005+0.0016i	0.0029+0.0016i	-0.0415-0.1129i	0.0121+0.0113i
1.1	0.0013-0.0001i	0.0009-0.0007i	-0.0055-0.0003i	-0.0007+0.0007i	0.0022+0.0005i	-0.1430-0.0241i	0.0009+0.0022i
1.2	0.0020+0.0006i	0.0018-0.0006i	-0.0082-0.0022i	0.0010+0.0004i	0.0038+0.0004i	-0.0750+0.0500i	0.0007-0.0034i
1.3	0.0009+0.0005i	0.0038+0.0006i	-0.0085-0.0024i	0.0019-0.0018i	0.0034+0.0001i	-0.0337+0.0028i	0.0027+0.0019i
1.4	0.0005-0.0008i	0.0052+0.0020i	-0.0095-0.0008i	-0.0001-0.0020i	0.0037+0.0011i	-0.0274-0.0016i	0.0039-0.0011i
1.5	0.0029-0.0011i	0.0061+0.0029i	-0.0126-0.0023i	0.0010-0.0018i	0.0051+0.0034i	-0.0188-0.0179i	0.0027-0.0014i
1.6	0.0040+0.0005i	0.0104+0.0042i	-0.0143-0.0029i	0.0009-0.0017i	0.0095+0.0034i	-0.0313-0.0146i	0.0082-0.0035i
1.7	0.0060-0.0019i	0.0142-0.0008i	-0.0171-0.0026i	0.0020-0.0029i	0.0152-0.0012i	-0.0269+0.0064i	0.0120-0.0055i
1.8	0.0091-0.0080i	0.0215-0.0028i	-0.0201-0.0041i	0.0057-0.0088i	0.0201-0.0038i	-0.0309-0.0001i	0.0130-0.0103i
1.9	0.0076-0.0226i	0.0277-0.0078i	-0.0213-0.0071i	0.0044-0.0226i	0.0255-0.0076i	-0.0275+0.0035i	0.0244-0.0166i
2.0	-0.0060-0.0359i	0.0361-0.0291i	-0.0248-0.0069i	-0.0097-0.0366i	0.0346-0.0277i	-0.0126-0.0024i	0.0264-0.0285i
2.1	-0.0267-0.0452i	0.0140-0.0726i	-0.0304-0.0062i	-0.0278-0.0440i	0.0147-0.0702i	-0.0546-0.0200i	0.0060-0.0571i
2.2	-0.0941-0.0706i	-0.0695-0.0229i	-0.0423-0.0114i	-0.0921-0.0736i	-0.0630-0.0207i	-0.0593-0.0118i	-0.0510-0.0176i
2.3	-0.2040-0.0102i	-0.0473+0.0104i	-0.0567-0.0056i	-0.2046-0.0118i	-0.0390+0.0108i	-0.0413-0.0202i	-0.0496+0.0178i
2.4	-0.0498+0.1693i	-0.0200+0.0002i	-0.0453+0.0134i	-0.0499+0.1721i	-0.0152-0.0040i	-0.0473+0.0053i	-0.0143+0.0222i
2.5	0.0754+0.0894i	-0.0158-0.0009i	-0.0347+0.0058i	0.0765+0.0911i	-0.0187-0.0035i	-0.0416-0.0002i	0.0018-0.0009i
2.6	0.0438+0.0267i	-0.0127-0.0012i	-0.0415+0.0005i	0.0430+0.0258i	-0.0165-0.0021i	-0.0477-0.0180i	-0.0039-0.0044i
2.7	0.0318+0.0139i	-0.0110-0.0008i	-0.0449-0.0025i	0.0321+0.0136i	-0.0124-0.0019i	-0.0502-0.0144i	0.0053-0.0074i
2.8	0.0200+0.0106i	-0.0091-0.0016i	-0.0503-0.0032i	0.0211+0.0105i	-0.0122-0.0022i	-0.0551-0.0008i	0.0092-0.0054i
2.9	0.0207+0.0094i	-0.0059-0.0021i	-0.0554-0.0033i	0.0214+0.0092i	-0.0127-0.0009i	-0.0624+0.0090i	0.0077-0.0073i
3.0	0.0197+0.0036i	-0.0058-0.0028i	-0.0610-0.0030i	0.0180+0.0042i	-0.0103-0.0003i	-0.0679+0.0009i	-0.0013-0.0232i
3.1	0.0113+0.0048i	-0.0034-0.0017i	-0.0656-0.0037i	0.0114+0.0043i	-0.0076-0.0018i	-0.0646+0.0191i	0.0053-0.0106i
3.2	0.0090+0.0112i	-0.0071-0.0044i	-0.0727-0.0020i	0.0115+0.0104i	-0.0057-0.0047i	-0.0405+0.0036i	0.0107+0.0088i
3.3	0.0204+0.0097i	-0.0094-0.0047i	-0.0813-0.0022i	0.0195+0.0089i	-0.0095-0.0041i	-0.0626-0.0009i	0.0162+0.0082i
3.4	0.0204+0.0076i	-0.0105-0.0059i	-0.0878-0.0051i	0.0227+0.0062i	-0.0098-0.0042i	-0.0838-0.0069i	0.0223+0.0046i
3.5	0.0160+0.0062i	-0.0138-0.0066i	-0.0964-0.0056i	0.0190+0.0013i	-0.0087-0.0097i	-0.0962+0.0056i	0.0062+0.0122i
3.6	0.0162+0.0073i	-0.0189+0.0017i	-0.1012-0.0030i	0.0199-0.0016i	-0.0070-0.0033i	-0.0469+0.0151i	0.0004+0.0455i
3.7	0.0058-0.0028i	-0.0110+0.0019i	-0.1126+0.0015i	0.0057-0.0011i	-0.0124+0.0010i	-0.1105+0.0015i	-0.0143-0.0133i
3.8	0.0068-0.0006i	-0.0096+0.0027i	-0.1160+0.0002i	0.0080-0.0013i	-0.0095+0.0023i	-0.1106+0.0052i	-0.0018-0.0020i
3.9	0.0080-0.0008i	-0.0083-0.0001i	-0.1230-0.0011i	0.0089-0.0004i	-0.0091-0.0002i	-0.1145+0.0005i	-0.0059-0.0013i
4.0	0.0097-0.0007i	-0.0095-0.0023i	-0.1312-0.0032i	0.0101-0.0006i	-0.0107-0.0022i	-0.1221-0.0006i	-0.0074-0.0008i
4.1	0.0095-0.0009i	-0.0122-0.0019i	-0.1397-0.0055i	0.0101-0.0010i	-0.0122-0.0011i	-0.1282-0.0030i	-0.0068+0.0013i
4.2	0.0082-0.0005i	-0.0138+0.0003i	-0.1499-0.0068i	0.0091-0.0006i	-0.0123-0.0002i	-0.1400-0.0060i	-0.0082+0.0014i
4.3	0.0089+0.0005i	-0.0165+0.0027i	-0.1627-0.0053i	0.0098+0.0008i	-0.0150+0.0012i	-0.1566-0.0046i	-0.0071+0.0008i
4.4	0.0090-0.0007i	-0.0156+0.0091i	-0.1783-0.0070i	0.0112+0.0001i	-0.0150+0.0073i	-0.1723-0.0039i	-0.0062+0.0096i
4.5	0.0090-0.0007i	-0.0128+0.0141i	-0.1931-0.0071i	0.0105-0.0006i	-0.0118+0.0102i	-0.1881-0.0020i	-0.0164+0.0142i
4.6	0.0067+0.0009i	-0.0091+0.0179i	-0.2084-0.0045i	0.0095-0.0000i	-0.0123+0.0147i	-0.1977+0.0060i	-0.0041+0.0163i
4.7	0.0030+0.0021i	-0.0014+0.0240i	-0.2247-0.0033i	0.0079+0.0021i	-0.0041+0.0244i	-0.2128+0.0035i	0.0012+0.0184i
4.8	0.0038+0.0022i	0.0151+0.0246i	-0.2450-0.0024i	0.0069+0.0053i	0.0175+0.0246i	-0.2362+0.0055i	0.0270+0.0199i
4.9	0.0106+0.0086i	0.0320-0.0043i	-0.2594+0.0018i	0.0150+0.0102i	0.0367-0.0064i	-0.2385+0.0174i	0.0611-0.0035i
5.0	0.0141-0.0055i	-0.0063-0.0133i	-0.2855-0.0189i	0.0197-0.0068i	-0.0060-0.0169i	-0.2685-0.0099i	0.0094-0.0203i
5.1	0.0140-0.0061i	-0.0081-0.0079i	-0.3038-0.0210i	0.0182-0.0072i	-0.0083-0.0144i	-0.2846-0.0121i	-0.0017-0.0199i
5.2	0.0182-0.0061i	-0.0016-0.0023i	-0.3333-0.0208i	0.0245-0.0083i	-0.0080-0.0138i	-0.3023-0.0099i	0.0040-0.0231i
5.3	0.0111-0.0185i	0.0112-0.0006i	-0.3674-0.0104i	0.0190-0.0203i	-0.0046-0.0064i	-0.3240-0.0071i	0.0009-0.0131i
5.4	-0.0012-0.0250i	0.0089-0.0188i	-0.4077+0.0004i	0.0043-0.0259i	-0.0041-0.0089i	-0.3607-0.0155i	-0.0215-0.0041i
5.5	-0.0170-0.0237i	-0.0092-0.0417i	-0.4575+0.0124i	-0.0155-0.0252i	-0.0069-0.0245i	-0.4218+0.0046i	-0.0021+0.0020i
5.6	-0.0274-0.0023i	-0.0411-0.0152i	-0.5129+0.0265i	-0.0230+0.0001i	-0.0348-0.0059i	-0.4909+0.0279i	-0.0387+0.0133i

5.7	-0.0254+0.0071i	-0.0319+0.0143i	-0.5522+0.0299i	-0.0195+0.0111i	-0.0239+0.0167i	-0.5321+0.0292i	-0.0111+0.0281i
5.8	-0.0240+0.0206i	-0.0139+0.0196i	-0.6123+0.0453i	-0.0135+0.0244i	-0.0082+0.0168i	-0.5796+0.0478i	-0.0036+0.0147i
5.9	-0.0134+0.0238i	0.0006+0.0167i	-0.6581+0.0583i	-0.0045+0.0269i	0.0054+0.0134i	-0.6179+0.0608i	-0.0026+0.0150i
6.0	-0.0078+0.0217i	0.0126+0.0006i	-0.7228+0.0619i	0.0028+0.0237i	0.0141-0.0058i	-0.6758+0.0638i	0.0105+0.0013i
6.1	-0.0067+0.0253i	0.0051-0.0156i	-0.8240+0.0850i	0.0066+0.0273i	0.0028-0.0215i	-0.7670+0.0840i	0.0063-0.0131i
6.2	-0.0048+0.0295i	-0.0020-0.0209i	-0.9043+0.0932i	0.0109+0.0315i	-0.0070-0.0257i	-0.8379+0.0894i	-0.0015-0.0147i
6.3	0.0000+0.0338i	-0.0131-0.0183i	-1.0349+0.1320i	0.0194+0.0346i	-0.0190-0.0205i	-0.9587+0.1219i	-0.0131-0.0094i
6.4	0.0022+0.0369i	-0.0171-0.0168i	-1.1767+0.1660i	0.0265+0.0362i	-0.0231-0.0183i	-1.0925+0.1506i	-0.0162-0.0108i
6.5	0.0054+0.0407i	-0.0216-0.0158i	-1.3495+0.2282i	0.0349+0.0383i	-0.0279-0.0161i	-1.2530+0.2067i	-0.0180-0.0049i
6.6	0.0063+0.0450i	-0.0249-0.0103i	-1.5656+0.3267i	0.0407+0.0390i	-0.0311-0.0099i	-1.4553+0.2986i	-0.0221+0.0069i
6.7	0.0108+0.0545i	-0.0262-0.0055i	-1.8784+0.4650i	0.0516+0.0437i	-0.0324-0.0048i	-1.7468+0.4297i	-0.0309+0.0073i
6.8	0.0224+0.0675i	-0.0256-0.0036i	-2.3457+0.7979i	0.0745+0.0463i	-0.0335-0.0013i	-2.1804+0.7346i	-0.0292+0.0128i
6.9	0.0405+0.0820i	-0.0265-0.0072i	-3.0513+1.3847i	0.1066+0.0434i	-0.0376-0.0023i	-2.8303+1.2771i	-0.0308+0.0240i
7.0	0.0768+0.0943i	-0.0376-0.0069i	-3.4361+2.7494i	0.1459+0.0219i	-0.0500+0.0039i	-3.1886+2.5441i	-0.0385+0.0442i
7.1	0.1529+0.0791i	-0.0555+0.0119i	-2.8987+4.9928i	0.2007-0.0446i	-0.0645+0.0295i	-2.7000+4.6235i	-0.0371+0.0828i
7.2	0.1839-0.0342i	-0.0367+0.0658i	0.2988+6.2138i	0.1503-0.1760i	-0.0325+0.0855i	0.2666+5.7565i	0.0272+0.1239i
7.3	0.1438-0.0826i	0.0269+0.0689i	2.3567+5.4350i	0.0595-0.1967i	0.0371+0.0835i	2.1787+5.0345i	0.1031+0.1078i
7.4	0.1054-0.1080i	0.0366+0.0087i	3.6289+3.7226i	0.0011-0.1688i	0.0503+0.0169i	3.3510+3.4469i	0.1162+0.0320i
7.5	0.0736-0.1140i	0.0136-0.0088i	3.6195+2.3412i	-0.0210-0.1416i	0.0262-0.0040i	3.3370+2.1650i	0.0913+0.0009i
7.6	0.0329-0.1006i	0.0007-0.0038i	2.7249+1.2356i	-0.0337-0.1092i	0.0090-0.0010i	2.5066+1.1412i	0.0597-0.0040i
7.7	0.0244-0.0940i	-0.0013-0.0049i	2.3913+0.9235i	-0.0327-0.0979i	0.0056-0.0032i	2.1981+0.8529i	0.0530-0.0100i
7.8	0.0223-0.0903i	-0.0049-0.0025i	2.0853+0.8973i	-0.0271-0.0952i	0.0017-0.0020i	1.9126+0.8310i	0.0503-0.0061i
7.9	0.0131-0.0896i	-0.0096-0.0012i	2.0197+0.8325i	-0.0350-0.0941i	-0.0035-0.0011i	1.8493+0.7721i	0.0512-0.0042i
8.0	0.0036-0.0872i	-0.0080+0.0024i	1.9734+0.6415i	-0.0415-0.0893i	-0.0023+0.0020i	1.8076+0.5959i	0.0583-0.0040i
8.1	-0.0044-0.0877i	-0.0068-0.0003i	1.8769+0.5178i	-0.0461-0.0884i	-0.0003-0.0006i	1.7172+0.4818i	0.0607-0.0073i
8.2	-0.0159-0.0884i	-0.0119-0.0024i	1.8520+0.4159i	-0.0580-0.0877i	-0.0040-0.0018i	1.6919+0.3872i	0.0611-0.0148i
8.3	-0.0309-0.0827i	-0.0143-0.0012i	1.7892+0.2940i	-0.0732-0.0805i	-0.0071-0.0013i	1.6356+0.2763i	0.0582-0.0172i
8.4	-0.0387-0.0743i	-0.0151+0.0017i	1.7032+0.1806i	-0.0806-0.0708i	-0.0078+0.0016i	1.5530+0.1736i	0.0557-0.0155i
8.5	-0.0436-0.0722i	-0.0149+0.0034i	1.6563+0.1286i	-0.0856-0.0674i	-0.0080+0.0026i	1.5058+0.1271i	0.0599-0.0237i
8.6	-0.0555-0.0677i	-0.0142+0.0048i	1.6215+0.0393i	-0.0986-0.0599i	-0.0081+0.0040i	1.4734+0.0498i	0.0625-0.0271i
8.7	-0.0655-0.0604i	-0.0123+0.0057i	1.6192-0.0412i	-0.1090-0.0508i	-0.0047+0.0053i	1.4646-0.0227i	0.0662-0.0272i
8.8	-0.0855-0.0526i	-0.0097+0.0054i	1.6020-0.1756i	-0.1298-0.0379i	-0.0009+0.0031i	1.4407-0.1402i	0.0714-0.0389i
8.9	-0.0986-0.0443i	-0.0103+0.0057i	1.6086-0.3146i	-0.1448-0.0230i	-0.0016+0.0023i	1.4415-0.2604i	0.0674-0.0502i
9.0	-0.1108-0.0249i	-0.0100+0.0071i	1.5798-0.5210i	-0.1560+0.0053i	-0.0015+0.0021i	1.4143-0.4394i	0.0680-0.0557i
9.1	-0.1032-0.0021i	-0.0080+0.0078i	1.4222-0.6378i	-0.1418+0.0337i	0.0000+0.0008i	1.2721-0.5383i	0.0730-0.0589i
9.2	-0.1195+0.0174i	-0.0063+0.0065i	1.4400-0.8558i	-0.1584+0.0642i	0.0033-0.0022i	1.2823-0.7223i	0.0769-0.0773i
9.3	-0.1240+0.0748i	-0.0048+0.0058i	1.1532-1.2927i	-0.1471+0.1373i	0.0029-0.0079i	1.0333-1.0843i	0.0496-0.1137i
9.4	-0.0721+0.1129i	-0.0052+0.0020i	0.4873-1.3297i	-0.0666+0.1719i	-0.0038-0.0130i	0.4679-1.1106i	-0.0064-0.1221i
9.5	-0.0206+0.1084i	-0.0074+0.0008i	0.0657-1.0421i	0.0003+0.1515i	-0.0101-0.0126i	0.1114-0.8677i	-0.0394-0.0988i
9.6	0.0041+0.0883i	-0.0086+0.0007i	-0.0234-0.7361i	0.0253+0.1188i	-0.0132-0.0092i	0.0357-0.6089i	-0.0434-0.0683i
9.7	0.0157+0.0574i	-0.0089-0.0022i	0.0092-0.4405i	0.0319+0.0773i	-0.0139-0.0078i	0.0642-0.3568i	-0.0342-0.0319i
9.8	0.0220+0.0433i	-0.0098-0.0019i	0.0245-0.2944i	0.0354+0.0559i	-0.0137-0.0058i	0.0777-0.2341i	-0.0244-0.0288i
9.9	0.0186+0.0340i	-0.0112-0.0009i	0.0628-0.2047i	0.0300+0.0433i	-0.0154-0.0047i	0.1089-0.1566i	-0.0197-0.0240i
10.0	0.0133+0.0280i	-0.0127-0.0015i	0.1007-0.1530i	0.0227+0.0354i	-0.0149-0.0048i	0.1413-0.1121i	-0.0171-0.0180i
10.1	0.0111+0.0223i	-0.0119-0.0031i	0.1364-0.1037i	0.0176+0.0296i	-0.0127-0.0050i	0.1721-0.0689i	-0.0015-0.0125i
10.2	0.0090+0.0208i	-0.0135-0.0050i	0.1534-0.0687i	0.0140+0.0270i	-0.0145-0.0070i	0.1845-0.0369i	0.0076-0.0095i
10.3	0.0068+0.0210i	-0.0155-0.0067i	0.1670-0.0406i	0.0120+0.0259i	-0.0159-0.0088i	0.1957-0.0102i	0.0107-0.0045i
10.4	0.0060+0.0219i	-0.0188-0.0063i	0.1887-0.0189i	0.0111+0.0253i	-0.0191-0.0081i	0.2218+0.0093i	0.0174-0.0070i
10.5	0.0084+0.0204i	-0.0215-0.0041i	0.2044-0.0012i	0.0128+0.0233i	-0.0223-0.0072i	0.2420+0.0200i	0.0232-0.0227i
10.6	0.0096+0.0168i	-0.0218-0.0024i	0.2230+0.0164i	0.0145+0.0190i	-0.0237-0.0049i	0.2599+0.0294i	0.0256-0.0314i
10.7	0.0098+0.0150i	-0.0213-0.0009i	0.2351+0.0204i	0.0165+0.0171i	-0.0228-0.0032i	0.2688+0.0285i	0.0252-0.0203i
10.8	0.0096+0.0131i	-0.0219-0.0018i	0.2420+0.0207i	0.0147+0.0140i	-0.0228-0.0026i	0.2715+0.0260i	0.0214-0.0288i
10.9	0.0079+0.0113i	-0.0230-0.0026i	0.2461+0.0217i	0.0124+0.0115i	-0.0248-0.0026i	0.2720+0.0251i	0.0247-0.0341i
11.0	0.0066+0.0086i	-0.0257-0.0017i	0.2473+0.0237i	0.0102+0.0091i	-0.0271-0.0026i	0.2711+0.0245i	0.0243-0.0351i
11.1	0.0057+0.0097i	-0.0267-0.0015i	0.2448+0.0264i	0.0071+0.0083i	-0.0276-0.0026i	0.2674+0.0258i	0.0299-0.0351i
11.2	0.0054+0.0089i	-0.0283-0.0013i	0.2415+0.0298i	0.0058+0.0059i	-0.0293-0.0005i	0.2669+0.0296i	0.0228-0.0280i
11.3	0.0052+0.0074i	-0.0299-0.0009i	0.2395+0.0326i	0.0053+0.0050i	-0.0299-0.0002i	0.2634+0.0322i	0.0295-0.0304i
11.4	0.0043+0.0073i	-0.0310-0.0011i	0.2387+0.0352i	0.0034+0.0051i	-0.0325+0.0008i	0.2619+0.0328i	0.0329-0.0175i
11.5	0.0021+0.0072i	-0.0327-0.0008i	0.2356+0.0367i	0.0017+0.0048i	-0.0340+0.0003i	0.2588+0.0351i	0.0289-0.0178i
11.6	0.0011+0.0067i	-0.0338+0.0025i	0.2310+0.0410i	-0.0008+0.0049i	-0.0339+0.0014i	0.2568+0.0368i	0.0296-0.0205i
11.7	-0.0005+0.0059i	-0.0368+0.0027i	0.2247+0.0426i	-0.0028+0.0031i	-0.0358+0.0020i	0.2489+0.0359i	0.0323-0.0226i
11.8	-0.0015+0.0054i	-0.0375+0.0022i	0.2186+0.0442i	-0.0042+0.0031i	-0.0362+0.0017i	0.2452+0.0391i	0.0437-0.0173i
11.9	-0.0039+0.0047i	-0.0415+0.0004i	0.2102+0.0476i	-0.0077+0.0035i	-0.0395+0.0005i	0.2375+0.0440i	0.0517-0.0186i

12.0	-0.0062+0.0054i	-0.0446+0.0022i	0.2008+0.0508i	-0.0091+0.0042i	-0.0426+0.0016i	0.2345+0.0490i	0.0512-0.0220i
12.1	-0.0074+0.0050i	-0.0496+0.0005i	0.1896+0.0576i	-0.0099+0.0037i	-0.0474-0.0000i	0.2305+0.0563i	0.0594-0.0260i
12.2	-0.0107+0.0062i	-0.0530+0.0018i	0.1813+0.0662i	-0.0111+0.0045i	-0.0513+0.0013i	0.2255+0.0629i	0.0744-0.0311i
12.3	-0.0135+0.0065i	-0.0584+0.0011i	0.1700+0.0765i	-0.0137+0.0049i	-0.0562-0.0007i	0.2215+0.0690i	0.0896-0.0325i
12.4	-0.0160+0.0080i	-0.0652+0.0015i	0.1608+0.0880i	-0.0165+0.0065i	-0.0620-0.0003i	0.2213+0.0815i	0.0962-0.0354i
12.5	-0.0190+0.0109i	-0.0778+0.0052i	0.1547+0.1028i	-0.0169+0.0089i	-0.0734+0.0024i	0.2230+0.0905i	0.1179-0.0358i
12.6	-0.0216+0.0118i	-0.0916+0.0120i	0.1522+0.1164i	-0.0157+0.0114i	-0.0875+0.0082i	0.2285+0.0967i	0.1401-0.0494i
12.7	-0.0250+0.0129i	-0.1101+0.0195i	0.1429+0.1249i	-0.0158+0.0094i	-0.1069+0.0174i	0.2366+0.0992i	0.1713-0.0689i
12.8	-0.0285+0.0146i	-0.1217+0.0384i	0.1331+0.1363i	-0.0172+0.0070i	-0.1187+0.0358i	0.2379+0.0934i	0.1913-0.0958i
12.9	-0.0335+0.0168i	-0.1360+0.0615i	0.1227+0.1478i	-0.0190+0.0028i	-0.1311+0.0577i	0.2380+0.0902i	0.2169-0.1290i
13.0	-0.0364+0.0218i	-0.1405+0.0961i	0.1142+0.1666i	-0.0247-0.0022i	-0.1352+0.0910i	0.2343+0.0873i	0.2222-0.1842i
13.1	-0.0358+0.0290i	-0.1262+0.1291i	0.1090+0.1834i	-0.0343-0.0046i	-0.1215+0.1223i	0.2276+0.0812i	0.1975-0.2359i
13.2	-0.0365+0.0333i	-0.1085+0.1582i	0.0937+0.2043i	-0.0464-0.0057i	-0.1072+0.1499i	0.2157+0.0763i	0.1915-0.2737i
13.3	-0.0366+0.0313i	-0.0894+0.1780i	0.0755+0.2320i	-0.0611-0.0055i	-0.0912+0.1687i	0.2017+0.0795i	0.1795-0.3109i
13.4	-0.0385+0.0305i	-0.0733+0.1994i	0.0588+0.2729i	-0.0792-0.0014i	-0.0753+0.1920i	0.1897+0.0836i	0.1623-0.3689i
13.5	-0.0449+0.0256i	-0.0454+0.2344i	0.0590+0.3458i	-0.0999+0.0129i	-0.0491+0.2292i	0.1764+0.0795i	0.1251-0.4762i
13.6	-0.0608+0.0257i	0.0040+0.2743i	0.0914+0.4292i	-0.1186+0.0376i	-0.0013+0.2726i	0.1471+0.0801i	0.0144-0.5951i
13.7	-0.0794+0.0344i	0.0912+0.2813i	0.1816+0.4729i	-0.1232+0.0678i	0.0873+0.2827i	0.1128+0.0946i	-0.1953-0.6143i
13.8	-0.0984+0.0476i	0.1804+0.2453i	0.2719+0.4556i	-0.1205+0.0883i	0.1801+0.2469i	0.0796+0.1209i	-0.3952-0.5262i
13.9	-0.1219+0.0689i	0.2272+0.1706i	0.3030+0.4062i	-0.1261+0.1013i	0.2321+0.1728i	0.0444+0.1637i	-0.4990-0.3610i
14.0	-0.1473+0.1001i	0.2332+0.0920i	0.2792+0.3718i	-0.1422+0.1218i	0.2422+0.0932i	0.0138+0.2202i	-0.5131-0.2059i
14.1	-0.1663+0.1418i	0.2168+0.0421i	0.2445+0.3811i	-0.1591+0.1569i	0.2266+0.0390i	0.0034+0.2821i	-0.4735-0.1004i
14.2	-0.1801+0.2181i	0.1921-0.0023i	0.2138+0.4516i	-0.1735+0.2274i	0.2027-0.0082i	0.0010+0.3888i	-0.4277-0.0067i
14.3	-0.1532+0.3388i	0.1592-0.0415i	0.2417+0.5792i	-0.1473+0.3427i	0.1681-0.0520i	0.0543+0.5472i	-0.3667+0.0825i
14.4	-0.0262+0.4569i	0.1162-0.0686i	0.3974+0.6939i	-0.0230+0.4569i	0.1210-0.0851i	0.2370+0.6824i	-0.2720+0.1475i
14.5	0.1467+0.4451i	0.0749-0.0665i	0.5961+0.6496i	0.1484+0.4418i	0.0719-0.0827i	0.4602+0.6447i	-0.1714+0.1438i
14.6	0.2748+0.3232i	0.0489-0.0446i	0.7226+0.4842i	0.2713+0.3205i	0.0424-0.0558i	0.6115+0.4713i	-0.1018+0.0944i
14.7	0.2966+0.2024i	0.0404-0.0255i	0.7185+0.3388i	0.2933+0.2019i	0.0327-0.0317i	0.6234+0.3116i	-0.0753+0.0425i
14.8	0.2758+0.1343i	0.0416-0.0170i	0.6814+0.2590i	0.2723+0.1333i	0.0317-0.0215i	0.5900+0.2253i	-0.0774+0.0122i
14.9	0.2401+0.0818i	0.0401-0.0143i	0.6304+0.2169i	0.2371+0.0798i	0.0312-0.0180i	0.5341+0.1658i	-0.0819-0.0175i
15.0	0.2160+0.0610i	0.0342-0.0153i	0.6054+0.2058i	0.2099+0.0584i	0.0277-0.0172i	0.4970+0.1441i	-0.0819-0.0220i
15.1	0.1990+0.0463i	0.0266-0.0140i	0.6004+0.1872i	0.1936+0.0450i	0.0223-0.0155i	0.4810+0.1273i	-0.0823-0.0148i
15.2	0.1791+0.0371i	0.0220-0.0115i	0.5932+0.1671i	0.1757+0.0369i	0.0196-0.0128i	0.4599+0.1176i	-0.0918-0.0156i
15.3	0.1664+0.0315i	0.0247-0.0034i	0.5756+0.1388i	0.1620+0.0312i	0.0205-0.0050i	0.4410+0.1063i	-0.1078-0.0130i
15.4	0.1608+0.0276i	0.0218+0.0013i	0.5622+0.1148i	0.1543+0.0248i	0.0180-0.0014i	0.4273+0.0954i	-0.1149-0.0093i
15.5	0.1545+0.0260i	0.0193+0.0036i	0.5491+0.1080i	0.1497+0.0252i	0.0195+0.0020i	0.4163+0.0922i	-0.1075-0.0063i
15.6	0.1466+0.0245i	0.0213+0.0062i	0.5352+0.0965i	0.1433+0.0241i	0.0211+0.0052i	0.4068+0.0912i	-0.0949-0.0084i
15.7	0.1431+0.0207i	0.0237+0.0065i	0.5192+0.0842i	0.1387+0.0200i	0.0220+0.0053i	0.3947+0.0833i	-0.0966-0.0019i
15.8	0.1385+0.0199i	0.0227+0.0062i	0.5086+0.0773i	0.1354+0.0184i	0.0204+0.0063i	0.3889+0.0813i	-0.1052-0.0000i
15.9	0.1381+0.0179i	0.0240+0.0087i	0.4956+0.0708i	0.1347+0.0158i	0.0206+0.0066i	0.3815+0.0804i	-0.0969-0.0008i
16.0	0.1381+0.0146i	0.0247+0.0080i	0.4883+0.0650i	0.1327+0.0119i	0.0231+0.0058i	0.3734+0.0773i	-0.0851+0.0040i
16.1	0.1333+0.0128i	0.0250+0.0062i	0.4746+0.0614i	0.1266+0.0102i	0.0243+0.0058i	0.3676+0.0729i	-0.0825-0.0043i
16.2	0.1312+0.0132i	0.0246+0.0064i	0.4614+0.0570i	0.1225+0.0124i	0.0232+0.0062i	0.3543+0.0680i	-0.0764-0.0046i
16.3	0.1325+0.0206i	0.0246+0.0036i	0.4588+0.0579i	0.1257+0.0207i	0.0219+0.0037i	0.3434+0.0705i	-0.0801-0.0005i
16.4	0.1374+0.0215i	0.0186+0.0067i	0.4452+0.0628i	0.1350+0.0209i	0.0172+0.0055i	0.3364+0.0788i	-0.0822+0.0036i
16.5	0.1458+0.0167i	0.0163+0.0108i	0.4354+0.0670i	0.1444+0.0128i	0.0135+0.0095i	0.3320+0.0914i	-0.0771+0.0103i
16.6	0.1497+0.0065i	0.0202+0.0162i	0.4367+0.0627i	0.1487+0.0017i	0.0178+0.0137i	0.3373+0.1032i	-0.0623+0.0187i
16.7	0.1462-0.0069i	0.0252+0.0181i	0.4270+0.0502i	0.1452-0.0112i	0.0221+0.0162i	0.3524+0.0933i	-0.0447+0.0135i
16.8	0.1408-0.0119i	0.0241+0.0155i	0.4184+0.0565i	0.1380-0.0168i	0.0197+0.0151i	0.3527+0.0798i	-0.0452-0.0074i
16.9	0.1333-0.0074i	0.0242+0.0143i	0.4186+0.0822i	0.1293-0.0153i	0.0198+0.0164i	0.3379+0.0916i	-0.0540-0.0080i
17.0	0.1403-0.0064i	0.0272+0.0156i	0.4319+0.0848i	0.1345-0.0150i	0.0226+0.0165i	0.3517+0.1044i	-0.0518-0.0095i
17.1	0.1424-0.0183i	0.0290+0.0132i	0.4263+0.0680i	0.1370-0.0266i	0.0223+0.0144i	0.3643+0.0924i	-0.0322-0.0064i
17.2	0.1355-0.0230i	0.0270+0.0125i	0.4121+0.0701i	0.1290-0.0297i	0.0217+0.0155i	0.3639+0.0678i	-0.0191-0.0243i
17.3	0.1398-0.0235i	0.0298+0.0141i	0.4250+0.0785i	0.1311-0.0319i	0.0264+0.0176i	0.3537+0.0581i	-0.0364-0.0389i
17.4	0.1408-0.0292i	0.0337+0.0121i	0.4452+0.0600i	0.1291-0.0389i	0.0312+0.0151i	0.3481+0.0531i	-0.0568-0.0384i
17.5	0.1384-0.0358i	0.0341+0.0084i	0.4367+0.0360i	0.1269-0.0458i	0.0309+0.0125i	0.3398+0.0454i	-0.0596-0.0224i
17.6	0.1335-0.0415i	0.0333+0.0076i	0.4220+0.0339i	0.1214-0.0503i	0.0311+0.0136i	0.3403+0.0420i	-0.0379-0.0314i
17.7	0.1313-0.0454i	0.0329+0.0087i	0.4218+0.0285i	0.1192-0.0525i	0.0312+0.0153i	0.3411+0.0314i	-0.0345-0.0465i
17.8	0.1293-0.0494i	0.0326+0.0071i	0.4147+0.0214i	0.1171-0.0554i	0.0318+0.0129i	0.3286+0.0216i	-0.0463-0.0438i
17.9	0.1271-0.0548i	0.0318+0.0052i	0.4010+0.0156i	0.1142-0.0606i	0.0337+0.0094i	0.3153+0.0091i	-0.0502-0.0591i
18.0	0.1221-0.0624i	0.0278+0.0045i	0.3927+0.0185i	0.1078-0.0656i	0.0312+0.0105i	0.2920+0.0029i	-0.0570-0.0795i
18.1	0.1148-0.0678i	0.0277+0.0059i	0.3925+0.0033i	0.1030-0.0693i	0.0345+0.0111i	0.2762-0.0041i	-0.0762-0.0758i
18.2	0.1010-0.0732i	0.0272+0.0044i	0.3748-0.0172i	0.0891-0.0755i	0.0341+0.0097i	0.2458+0.0037i	-0.1044-0.0579i

18.3	0.0890−0.0714i	0.0280+0.0055i	0.3484−0.0289i	0.0753−0.0748i	0.0327+0.0105i	0.2216+0.0125i	−0.1129−0.0397i
18.4	0.0779−0.0671i	0.0281+0.0073i	0.3129−0.0373i	0.0649−0.0685i	0.0346+0.0128i	0.2015+0.0214i	−0.1054−0.0060i
18.5	0.0656−0.0445i	0.0247+0.0090i	0.2498−0.0065i	0.0553−0.0473i	0.0338+0.0115i	0.1635+0.0617i	−0.0689+0.0263i
18.6	0.0915−0.0152i	0.0201+0.0150i	0.2369+0.0971i	0.0821−0.0211i	0.0291+0.0160i	0.1881+0.1365i	−0.0023−0.0007i
18.7	0.1193−0.0309i	0.0264+0.0241i	0.3046+0.1366i	0.1085−0.0381i	0.0332+0.0260i	0.2438+0.1385i	−0.0032−0.0589i
18.8	0.1158−0.0622i	0.0381+0.0261i	0.3377+0.0946i	0.1016−0.0670i	0.0454+0.0277i	0.2629+0.1046i	−0.0316−0.0748i
18.9	0.1064−0.0726i	0.0472+0.0216i	0.3283+0.0652i	0.0900−0.0774i	0.0541+0.0231i	0.2574+0.0907i	−0.0531−0.0716i
19.0	0.0960−0.0764i	0.0558+0.0125i	0.3306+0.0582i	0.0783−0.0816i	0.0633+0.0155i	0.2522+0.0891i	−0.0763−0.0696i
19.1	0.0868−0.0772i	0.0596+0.0076i	0.3266+0.0636i	0.0703−0.0818i	0.0671+0.0090i	0.2470+0.0850i	−0.0880−0.0830i
19.2	0.0820−0.0765i	0.0635+0.0026i	0.3288+0.0674i	0.0634−0.0792i	0.0699+0.0030i	0.2457+0.0812i	−0.0975−0.0735i
19.3	0.0777−0.0757i	0.0639−0.0043i	0.3272+0.0622i	0.0596−0.0766i	0.0704−0.0048i	0.2334+0.0786i	−0.1151−0.0618i
19.4	0.0744−0.0774i	0.0673−0.0131i	0.3213+0.0594i	0.0556−0.0793i	0.0760−0.0148i	0.2229+0.0805i	−0.1166−0.0632i
19.5	0.0709−0.0834i	0.0701−0.0216i	0.3221+0.0581i	0.0498−0.0825i	0.0784−0.0219i	0.2130+0.0841i	−0.1384−0.0652i
19.6	0.0605−0.0877i	0.0671−0.0318i	0.3239+0.0432i	0.0387−0.0838i	0.0759−0.0323i	0.2073+0.0814i	−0.1471−0.0459i
19.7	0.0532−0.0888i	0.0621−0.0413i	0.3173+0.0341i	0.0312−0.0837i	0.0703−0.0406i	0.1958+0.0864i	−0.1603−0.0161i
19.8	0.0383−0.0900i	0.0505−0.0563i	0.2984+0.0130i	0.0173−0.0792i	0.0614−0.0525i	0.1795+0.0949i	−0.1555+0.0319i
19.9	0.0263−0.0850i	0.0415−0.0591i	0.2789+0.0139i	0.0095−0.0724i	0.0529−0.0573i	0.1701+0.1062i	−0.1442+0.0504i
20.0	0.0094−0.0731i	0.0286−0.0634i	0.2451+0.0266i	−0.0016−0.0607i	0.0395−0.0632i	0.1586+0.1322i	−0.1083+0.0684i
20.1	0.0041−0.0641i	0.0173−0.0619i	0.2263+0.0398i	−0.0056−0.0521i	0.0299−0.0628i	0.1616+0.1458i	−0.0717+0.0693i
20.2	0.0019−0.0577i	0.0077−0.0568i	0.2118+0.0543i	−0.0074−0.0462i	0.0222−0.0582i	0.1644+0.1515i	−0.0505+0.0462i
20.3	−0.0068−0.0495i	−0.0002−0.0551i	0.1970+0.0689i	−0.0131−0.0424i	0.0123−0.0585i	0.1640+0.1506i	−0.0396+0.0213i
20.4	−0.0103−0.0396i	−0.0066−0.0532i	0.1920+0.0835i	−0.0196−0.0341i	0.0049−0.0548i	0.1576+0.1589i	−0.0381+0.0201i
20.5	−0.0144−0.0313i	−0.0129−0.0488i	0.1891+0.0971i	−0.0244−0.0252i	0.0008−0.0519i	0.1477+0.1716i	−0.0412+0.0161i
20.6	−0.0220−0.0174i	−0.0234−0.0381i	0.1741+0.1132i	−0.0304−0.0139i	−0.0078−0.0462i	0.1389+0.1804i	−0.0488+0.0115i
20.7	−0.0267−0.0031i	−0.0302−0.0360i	0.1553+0.1353i	−0.0341−0.0004i	−0.0140−0.0442i	0.1186+0.1993i	−0.0466+0.0021i
20.8	−0.0230+0.0086i	−0.0331−0.0248i	0.1589+0.1611i	−0.0326+0.0110i	−0.0179−0.0329i	0.1168+0.2218i	−0.0535−0.0124i
20.9	−0.0219+0.0142i	−0.0377−0.0171i	0.1626+0.1704i	−0.0333+0.0184i	−0.0194−0.0269i	0.1162+0.2372i	−0.0628−0.0129i
21.0	−0.0230+0.0284i	−0.0370−0.0059i	0.1539+0.1915i	−0.0336+0.0316i	−0.0183−0.0175i	0.1121+0.2634i	−0.0730−0.0045i
21.1	−0.0274+0.0467i	−0.0472+0.0011i	0.1342+0.2205i	−0.0376+0.0486i	−0.0275−0.0142i	0.1079+0.2979i	−0.0568+0.0036i
21.2	−0.0244+0.0591i	−0.0385+0.0070i	0.1277+0.2485i	−0.0361+0.0601i	−0.0215−0.0103i	0.1110+0.3271i	−0.0440+0.0063i
21.3	−0.0271+0.0829i	−0.0326+0.0172i	0.1234+0.3025i	−0.0382+0.0822i	−0.0152−0.0039i	0.1110+0.3795i	−0.0457−0.0002i
21.4	−0.0118+0.1054i	−0.0199+0.0482i	0.1592+0.3574i	−0.0264+0.1049i	−0.0049+0.0225i	0.1478+0.4254i	−0.0590−0.0246i
21.5	0.0098+0.1132i	0.0260+0.0488i	0.2065+0.3768i	−0.0074+0.1165i	0.0319+0.0238i	0.1940+0.4403i	−0.0867−0.0156i
21.6	0.0190+0.1300i	0.0257+0.0288i	0.2315+0.4054i	0.0011+0.1323i	0.0301+0.0045i	0.2237+0.4621i	−0.0866+0.0008i
21.7	0.0317+0.1410i	0.0395+0.0186i	0.2612+0.4169i	0.0174+0.1462i	0.0410−0.0066i	0.2505+0.4812i	−0.0796+0.0189i
21.8	0.0548+0.1498i	0.0498+0.0648i	0.3078+0.4368i	0.0393+0.1595i	0.0523+0.0368i	0.3021+0.4867i	−0.0743−0.0095i
21.9	0.0748+0.1582i	0.0136+0.0139i	0.3523+0.4498i	0.0596+0.1685i	0.0165−0.0088i	0.3587+0.5028i	−0.0527+0.0215i
22.0	0.0993+0.1627i	0.0290+0.0157i	0.4004+0.4505i	0.0878+0.1753i	0.0294−0.0071i	0.4138+0.4943i	−0.0298+0.0225i
22.1	0.1186+0.1608i	0.0208+0.0063i	0.4340+0.4323i	0.1103+0.1737i	0.0194−0.0148i	0.4559+0.4719i	−0.0112+0.0187i
22.2	0.1357+0.1561i	−0.0149+0.0158i	0.4664+0.4193i	0.1323+0.1692i	−0.0150−0.0063i	0.4987+0.4477i	0.0134−0.0038i
22.3	0.1515+0.1461i	−0.0393+0.0080i	0.4936+0.3934i	0.1516+0.1585i	−0.0369−0.0106i	0.5295+0.4146i	0.0359−0.0157i
22.4	0.1656+0.1360i	−0.0273−0.0223i	0.5258+0.3585i	0.1685+0.1465i	−0.0267−0.0394i	0.5527+0.3775i	0.0310−0.0239i
22.5	0.1778+0.1283i	−0.0217+0.0009i	0.5425+0.3286i	0.1850+0.1360i	−0.0222−0.0171i	0.5690+0.3392i	0.0322−0.0441i
22.6	0.1899+0.1193i	−0.0202+0.0292i	0.5516+0.2968i	0.1979+0.1227i	−0.0209+0.0135i	0.5780+0.2950i	0.0250−0.0533i
22.7	0.1979+0.1150i	−0.0083+0.0654i	0.5540+0.2764i	0.2073+0.1140i	−0.0121+0.0456i	0.5797+0.2620i	0.0232−0.0869i
22.8	0.2072+0.1061i	0.0232+0.0717i	0.5607+0.2508i	0.2134+0.0997i	0.0182+0.0481i	0.5781+0.2267i	−0.0023−0.1338i
22.9	0.2114+0.0974i	0.0458+0.0883i	0.5483+0.2323i	0.2134+0.0892i	0.0384+0.0664i	0.5605+0.1977i	−0.0179−0.1530i
23.0	0.2122+0.0930i	0.0648+0.0947i	0.5370+0.2260i	0.2119+0.0835i	0.0553+0.0731i	0.5399+0.1816i	−0.0538−0.1702i
23.1	0.2244+0.0860i	0.0731+0.0837i	0.5522+0.2115i	0.2200+0.0766i	0.0596+0.0628i	0.5349+0.1704i	−0.1104−0.1513i
23.2	0.2322+0.0753i	0.0963+0.0541i	0.5508+0.1818i	0.2250+0.0650i	0.0812+0.0374i	0.5263+0.1513i	−0.1349−0.1247i
23.3	0.2411+0.0667i	0.1126+0.0396i	0.5537+0.1564i	0.2306+0.0576i	0.0964+0.0244i	0.5170+0.1309i	−0.1497−0.1120i
23.4	0.2470+0.0567i	0.1268+0.0086i	0.5508+0.1396i	0.2357+0.0494i	0.1070+0.0002i	0.5067+0.1226i	−0.1753−0.0849i
23.5	0.2533+0.0475i	0.1131−0.0271i	0.5403+0.1300i	0.2397+0.0419i	0.0951−0.0314i	0.4958+0.1162i	−0.1717−0.0475i
23.6	0.2537+0.0382i	0.1144−0.0420i	0.5305+0.1212i	0.2443+0.0354i	0.0970−0.0435i	0.4885+0.1076i	−0.1622−0.0287i
23.7	0.2536+0.0288i	0.1163−0.0578i	0.5108+0.1092i	0.2457+0.0255i	0.0983−0.0570i	0.4745+0.0971i	−0.1566+0.0010i
23.8	0.2574+0.0164i	0.0912−0.0904i	0.5007+0.1009i	0.2471+0.0141i	0.0795−0.0829i	0.4644+0.0900i	−0.1543+0.0226i
23.9	0.2538+0.0090i	0.0632−0.1082i	0.4928+0.0901i	0.2445+0.0065i	0.0552−0.0994i	0.4547+0.0831i	−0.1319+0.0277i
24.0	0.2461+0.0049i	0.0422−0.1063i	0.4754+0.0916i	0.2389+0.0011i	0.0384−0.0989i	0.4386+0.0777i	−0.1173+0.0218i
24.1	0.2385−0.0000i	0.0142−0.0981i	0.4596+0.0831i	0.2299−0.0086i	0.0140−0.0953i	0.4214+0.0725i	−0.0895+0.0058i
24.2	0.2319−0.0014i	−0.0100−0.0813i	0.4460+0.0782i	0.2204−0.0089i	−0.0086−0.0788i	0.4063+0.0755i	−0.0804+0.0067i
24.3	0.2247+0.0004i	−0.0151−0.0706i	0.4286+0.0804i	0.2151−0.0059i	−0.0111−0.0668i	0.3934+0.0789i	−0.0744+0.0155i
24.4	0.2180+0.0068i	−0.0175−0.0576i	0.4097+0.0796i	0.2113−0.0013i	−0.0136−0.0586i	0.3810+0.0850i	−0.0573+0.0039i
24.5	0.2220+0.0123i	−0.0200−0.0505i	0.4037+0.0821i	0.2149+0.0033i	−0.0164−0.0528i	0.3798+0.0930i	−0.0660+0.0044i

24.6	0.2256+0.0186i	−0.0221−0.0417i	0.3945+0.0917i	0.2171+0.0086i	−0.0185−0.0457i	0.3787+0.0988i	−0.0591+0.0076i
24.7	0.2317+0.0228i	−0.0183−0.0344i	0.3857+0.1023i	0.2243+0.0138i	−0.0141−0.0383i	0.3785+0.1028i	−0.0450+0.0018i
24.8	0.2412+0.0218i	−0.0135−0.0284i	0.3807+0.1039i	0.2337+0.0126i	−0.0101−0.0360i	0.3826+0.1021i	−0.0217−0.0027i
24.9	0.2492+0.0182i	−0.0120−0.0305i	0.3712+0.1076i	0.2391+0.0065i	−0.0105−0.0374i	0.3773+0.0958i	−0.0215−0.0217i
25.0	0.2520+0.0173i	−0.0108−0.0307i	0.3641+0.1182i	0.2390+0.0061i	−0.0095−0.0381i	0.3663+0.0984i	−0.0338−0.0147i
25.1	0.2551+0.0194i	−0.0189−0.0278i	0.3514+0.1326i	0.2406+0.0072i	−0.0141−0.0408i	0.3565+0.0977i	−0.0162−0.0190i
25.2	0.2589+0.0188i	−0.0211−0.0289i	0.3496+0.1382i	0.2451+0.0078i	−0.0174−0.0379i	0.3527+0.1003i	−0.0153−0.0345i
25.3	0.2588+0.0205i	−0.0219−0.0300i	0.3392+0.1438i	0.2428+0.0084i	−0.0179−0.0367i	0.3455+0.1099i	−0.0045−0.0478i
25.4	0.2639+0.0289i	−0.0219−0.0214i	0.3279+0.1570i	0.2502+0.0170i	−0.0177−0.0328i	0.3486+0.1252i	0.0127−0.0546i
25.5	0.2782+0.0357i	−0.0185−0.0202i	0.3256+0.1743i	0.2646+0.0255i	−0.0168−0.0328i	0.3565+0.1265i	0.0038−0.0721i
25.6	0.2979+0.0328i	−0.0200−0.0232i	0.3238+0.1942i	0.2817+0.0199i	−0.0216−0.0353i	0.3714+0.1206i	0.0243−0.0923i
25.7	0.3099+0.0346i	−0.0218−0.0234i	0.3191+0.2210i	0.2947+0.0185i	−0.0259−0.0365i	0.3759+0.1139i	0.0253−0.1290i
25.8	0.3153+0.0249i	−0.0290−0.0274i	0.3225+0.2417i	0.2999+0.0083i	−0.0327−0.0429i	0.3618+0.0971i	0.0018−0.1710i
25.9	0.3196+0.0267i	−0.0400−0.0249i	0.3292+0.2613i	0.3024+0.0076i	−0.0429−0.0408i	0.3466+0.0995i	−0.0259−0.1935i
26.0	0.3395+0.0255i	−0.0431−0.0144i	0.3371+0.2855i	0.3207+0.0025i	−0.0462−0.0255i	0.3446+0.0957i	−0.0454−0.2157i
26.1	0.3517+0.0108i	−0.0484−0.0025i	0.3502+0.3127i	0.3326−0.0087i	−0.0550−0.0159i	0.3301+0.0904i	−0.0736−0.2308i
26.2	0.3565−0.0019i	−0.0554+0.0080i	0.3722+0.3347i	0.3375−0.0221i	−0.0628−0.0063i	0.3084+0.0891i	−0.1310−0.2431i
26.3	0.3614−0.0114i	−0.0593+0.0303i	0.4038+0.3691i	0.3406−0.0340i	−0.0679+0.0164i	0.2759+0.0987i	−0.2071−0.2657i
26.4	0.3666−0.0130i	−0.0632+0.0539i	0.4273+0.4113i	0.3411−0.0421i	−0.0711+0.0380i	0.2546+0.1184i	−0.2628−0.2673i
26.5	0.3674−0.0116i	−0.0471+0.0886i	0.4802+0.4506i	0.3376−0.0466i	−0.0542+0.0711i	0.2410+0.1542i	−0.3341−0.2514i
26.6	0.3758−0.0046i	−0.0052+0.1093i	0.5733+0.4531i	0.3364−0.0412i	−0.0160+0.0903i	0.2510+0.2004i	−0.3991−0.1784i
26.7	0.3905−0.0023i	0.0360+0.1010i	0.6645+0.4021i	0.3408−0.0333i	0.0196+0.0813i	0.2702+0.2311i	−0.4329−0.0879i
26.8	0.4142−0.0079i	0.0650+0.0750i	0.7097+0.3279i	0.3587−0.0304i	0.0451+0.0544i	0.3093+0.2401i	−0.4075−0.0199i
26.9	0.4358−0.0216i	0.0781+0.0440i	0.7323+0.2617i	0.3752−0.0385i	0.0589+0.0316i	0.3408+0.2378i	−0.3766+0.0233i
27.0	0.4473−0.0445i	0.0810+0.0152i	0.7351+0.1900i	0.3880−0.0527i	0.0571+0.0074i	0.3556+0.2263i	−0.3681+0.0684i
27.1	0.4526−0.0606i	0.0709+0.0028i	0.7231+0.1428i	0.3960−0.0631i	0.0489−0.0033i	0.3595+0.2220i	−0.3591+0.1091i
27.2	0.4606−0.0764i	0.0577−0.0078i	0.7125+0.0952i	0.4037−0.0787i	0.0385−0.0108i	0.3640+0.2176i	−0.3593+0.1552i
27.3	0.4635−0.0941i	0.0519−0.0154i	0.6864+0.0556i	0.4079−0.0949i	0.0321−0.0142i	0.3747+0.2106i	−0.3155+0.1841i
27.4	0.4646−0.1023i	0.0454−0.0170i	0.6496+0.0340i	0.4088−0.0980i	0.0243−0.0150i	0.3784+0.2077i	−0.2835+0.2124i
27.5	0.4719−0.1058i	0.0407−0.0259i	0.6329+0.0206i	0.4156−0.1005i	0.0193−0.0263i	0.3736+0.2061i	−0.2694+0.2238i
27.6	0.4805−0.1199i	0.0389−0.0277i	0.6173−0.0052i	0.4234−0.1106i	0.0172−0.0244i	0.3748+0.2163i	−0.2330+0.2674i
27.7	0.4858−0.1388i	0.0383−0.0294i	0.5885−0.0389i	0.4290−0.1249i	0.0191−0.0239i	0.3907+0.2221i	−0.1701+0.3131i
27.8	0.4861−0.1539i	0.0313−0.0340i	0.5381−0.0562i	0.4332−0.1354i	0.0149−0.0275i	0.4148+0.2237i	−0.0875+0.3299i
27.9	0.4845−0.1616i	0.0258−0.0389i	0.4993−0.0578i	0.4340−0.1418i	0.0116−0.0321i	0.4275+0.2124i	−0.0178+0.3188i
28.0	0.4909−0.1736i	0.0211−0.0418i	0.4622−0.0500i	0.4383−0.1544i	0.0084−0.0315i	0.4383+0.1992i	0.0332+0.2767i
28.1	0.4917−0.1884i	0.0139−0.0338i	0.4219−0.0278i	0.4430−0.1661i	0.0004−0.0250i	0.4465+0.1780i	0.1100+0.2161i
28.2	0.4942−0.2003i	0.0124−0.0267i	0.4042+0.0048i	0.4475−0.1748i	−0.0010−0.0208i	0.4495+0.1583i	0.1190+0.1487i
28.3	0.4979−0.2073i	0.0074−0.0272i	0.4001+0.0355i	0.4524−0.1819i	−0.0086−0.0194i	0.4512+0.1312i	0.0943+0.0804i
28.4	0.4984−0.2138i	0.0075−0.0249i	0.3978+0.0414i	0.4567−0.1870i	−0.0075−0.0172i	0.4416+0.1097i	0.0911+0.0535i
28.5	0.5047−0.2219i	0.0093−0.0215i	0.3919+0.0508i	0.4652−0.1906i	−0.0029−0.0104i	0.4268+0.1038i	0.0757+0.0396i
28.6	0.5184−0.2303i	0.0141−0.0174i	0.3888+0.0682i	0.4802−0.2015i	−0.0014−0.0053i	0.4176+0.0974i	0.0589+0.0025i
28.7	0.5292−0.2440i	0.0175−0.0154i	0.3850+0.0808i	0.4941−0.2168i	0.0018−0.0032i	0.4092+0.0880i	0.0557−0.0198i
28.8	0.5392−0.2608i	0.0169−0.0113i	0.3855+0.0888i	0.5024−0.2350i	0.0025+0.0015i	0.3950+0.0889i	0.0334−0.0270i
28.9	0.5535−0.2813i	0.0185−0.0158i	0.3814+0.0936i	0.5187−0.2550i	0.0028−0.0023i	0.3801+0.0903i	0.0193−0.0301i
29.0	0.5636−0.3047i	0.0224−0.0200i	0.3789+0.1013i	0.5298−0.2791i	0.0063−0.0024i	0.3711+0.0869i	0.0090−0.0390i
29.1	0.5625−0.3347i	0.0223−0.0216i	0.3738+0.1079i	0.5285−0.3077i	0.0054−0.0027i	0.3609+0.0854i	0.0081−0.0460i
29.2	0.5596−0.3663i	0.0208−0.0285i	0.3705+0.1111i	0.5261−0.3372i	0.0060−0.0074i	0.3462+0.0884i	−0.0109−0.0395i
29.3	0.5588−0.3911i	0.0141−0.0312i	0.3671+0.1211i	0.5237−0.3617i	−0.0014−0.0065i	0.3321+0.0923i	−0.0357−0.0346i
29.4	0.5582−0.4216i	0.0133−0.0301i	0.3646+0.1342i	0.5236−0.3909i	−0.0010−0.0045i	0.3259+0.0959i	−0.0440−0.0469i
29.5	0.5437−0.4599i	0.0175−0.0343i	0.3606+0.1468i	0.5100−0.4274i	0.0057−0.0037i	0.3219+0.0997i	−0.0507−0.0473i
29.6	0.5225−0.4808i	0.0124−0.0370i	0.3517+0.1592i	0.4907−0.4497i	0.0047−0.0064i	0.3135+0.1058i	−0.0625−0.0487i
29.7	0.5025−0.5075i	0.0083−0.0388i	0.3510+0.1752i	0.4730−0.4758i	0.0018−0.0084i	0.3068+0.1121i	−0.0534−0.0471i
29.8	0.4858−0.5255i	0.0074−0.0370i	0.3554+0.1933i	0.4572−0.4908i	0.0042−0.0042i	0.3006+0.1155i	−0.0510−0.0381i
29.9	0.4764−0.5607i	0.0058−0.0387i	0.3794+0.2264i	0.4469−0.5281i	0.0032−0.0039i	0.2970+0.1310i	−0.0698−0.0299i
30.0	0.4468−0.5809i	0.0053−0.0416i	0.3897+0.2399i	0.4180−0.5458i	0.0045−0.0060i	0.2964+0.1361i	−0.0720−0.0518i
30.1	0.4068−0.5877i	0.0006−0.0371i	0.4021+0.2404i	0.3840−0.5487i	0.0050−0.0018i	0.2941+0.1429i	−0.0666−0.0515i
30.2	0.3667−0.5961i	−0.0033−0.0335i	0.4267+0.2397i	0.3458−0.5578i	0.0042+0.0041i	0.2863+0.1541i	−0.0656−0.0383i
30.3	0.3300−0.5922i	−0.0001−0.0322i	0.4405+0.2253i	0.3114−0.5489i	0.0067+0.0062i	0.2878+0.1664i	−0.0739−0.0305i
30.4	0.3147−0.5786i	−0.0049−0.0322i	0.4354+0.2178i	0.3015−0.5371i	0.0046+0.0030i	0.3000+0.1810i	−0.0693−0.0163i
30.5	0.2989−0.5746i	−0.0115−0.0275i	0.4310+0.2271i	0.2907−0.5367i	0.0036+0.0097i	0.3157+0.1896i	−0.0629−0.0301i
30.6	0.2730−0.5767i	−0.0119−0.0250i	0.4354+0.2349i	0.2710−0.5374i	0.0094+0.0117i	0.3339+0.1916i	−0.0386−0.0344i
30.7	0.2349−0.5782i	−0.0038−0.0195i	0.4444+0.2444i	0.2410−0.5385i	0.0183+0.0155i	0.3542+0.1878i	−0.0225−0.0223i
30.8	0.2053−0.5569i	−0.0005−0.0199i	0.4576+0.2570i	0.2218−0.5209i	0.0239+0.0156i	0.3700+0.1744i	0.0097−0.0432i

30.9	0.1902−0.5306i	0.0053−0.0200i	0.4755+0.2687i	0.2122−0.4977i	0.0313+0.0166i	0.3749+0.1550i	0.0130−0.0717i
31.0	0.1764−0.5116i	0.0082−0.0237i	0.4916+0.2649i	0.2036−0.4889i	0.0367+0.0081i	0.3779+0.1413i	0.0071−0.0965i
31.1	0.1609−0.4826i	0.0066−0.0232i	0.5099+0.2543i	0.1921−0.4708i	0.0412+0.0033i	0.3776+0.1262i	0.0028−0.1325i
31.2	0.1532−0.4544i	0.0099−0.0296i	0.5206+0.2612i	0.1856−0.4557i	0.0463−0.0063i	0.3748+0.0982i	−0.0243−0.1724i
31.3	0.1498−0.4331i	0.0090−0.0416i	0.5402+0.2628i	0.1814−0.4437i	0.0481−0.0216i	0.3668+0.0782i	−0.0375−0.1821i
31.4	0.1612−0.4130i	0.0081−0.0433i	0.5641+0.2490i	0.1869−0.4270i	0.0474−0.0236i	0.3493+0.0681i	−0.0621−0.1952i
31.5	0.1683−0.3850i	0.0057−0.0492i	0.5818+0.2337i	0.1980−0.4126i	0.0438−0.0315i	0.3290+0.0578i	−0.0775−0.2120i
31.6	0.1806−0.3677i	0.0055−0.0524i	0.5964+0.2163i	0.2046−0.4015i	0.0425−0.0375i	0.3110+0.0525i	−0.1075−0.2093i
31.7	0.1920−0.3472i	0.0003−0.0537i	0.6061+0.2017i	0.2128−0.3973i	0.0401−0.0415i	0.2964+0.0434i	−0.1417−0.2195i
31.8	0.2160−0.3207i	−0.0121−0.0592i	0.6139+0.1772i	0.2184−0.3919i	0.0267−0.0567i	0.2688+0.0324i	−0.1871−0.2468i
31.9	0.2362−0.3017i	−0.0271−0.0600i	0.6146+0.1574i	0.2256−0.3846i	0.0098−0.0615i	0.2347+0.0291i	−0.2244−0.2615i
32.0	0.2457−0.2956i	−0.0265−0.0591i	0.6063+0.1447i	0.2309−0.3773i	0.0078−0.0592i	0.2158+0.0301i	−0.2357−0.2547i
32.1	0.2662−0.2888i	−0.0377−0.0611i	0.6098+0.1280i	0.2366−0.3763i	−0.0065−0.0630i	0.1891+0.0338i	−0.2752−0.2335i
32.2	0.3041−0.2760i	−0.0584−0.0540i	0.6142+0.1101i	0.2384−0.3668i	−0.0304−0.0596i	0.1529+0.0569i	−0.3413−0.1994i
32.3	0.3365−0.2685i	−0.0715−0.0513i	0.6222+0.0891i	0.2470−0.3579i	−0.0467−0.0548i	0.1213+0.0817i	−0.3926−0.1602i
32.4	0.3728−0.2629i	−0.0791−0.0360i	0.6277+0.0627i	0.2612−0.3450i	−0.0573−0.0385i	0.1005+0.1155i	−0.4568−0.1041i
32.5	0.4134−0.2595i	−0.0875−0.0160i	0.6173+0.0319i	0.2782−0.3280i	−0.0704−0.0209i	0.0946+0.1502i	−0.4583−0.0233i
32.6	0.4437−0.2703i	−0.0932+0.0039i	0.6012−0.0045i	0.2860−0.3102i	−0.0797+0.0009i	0.0948+0.1890i	−0.4448+0.0578i
32.7	0.4760−0.2746i	−0.0916+0.0214i	0.5827−0.0396i	0.3080−0.2928i	−0.0767+0.0190i	0.0981+0.2248i	−0.4288+0.1276i
32.8	0.5197−0.2995i	−0.0876+0.0438i	0.5643−0.0723i	0.3457−0.2823i	−0.0743+0.0461i	0.1031+0.2572i	−0.3944+0.1754i
32.9	0.5460−0.3122i	−0.0659+0.0644i	0.5190−0.1041i	0.3857−0.2698i	−0.0545+0.0648i	0.1200+0.2881i	−0.3366+0.2412i
33.0	0.5769−0.3273i	−0.0433+0.0771i	0.4584−0.1331i	0.4429−0.2703i	−0.0308+0.0741i	0.1537+0.3194i	−0.2363+0.3070i
33.1	0.6241−0.3443i	−0.0132+0.0889i	0.3749−0.1419i	0.5143−0.2703i	−0.0057+0.0834i	0.2072+0.3426i	−0.1017+0.3342i
33.2	0.6691−0.3508i	0.0172+0.0771i	0.3100−0.1189i	0.5773−0.2971i	0.0206+0.0685i	0.2511+0.3372i	0.0022+0.2869i
33.3	0.7226−0.4068i	0.0437+0.0555i	0.2402−0.0497i	0.6456−0.3675i	0.0434+0.0535i	0.3002+0.2991i	0.1010+0.1943i
33.4	0.7704−0.4847i	0.0547+0.0330i	0.2004+0.0227i	0.6884−0.4438i	0.0496+0.0401i	0.3311+0.2486i	0.1673+0.0886i
33.5	0.7862−0.5716i	0.0594+0.0082i	0.2041+0.1024i	0.6992−0.5295i	0.0508+0.0279i	0.3255+0.1871i	0.1570−0.0448i
33.6	0.7891−0.6621i	0.0539−0.0128i	0.2175+0.1601i	0.7001−0.6150i	0.0481+0.0149i	0.3136+0.1398i	0.1391−0.1295i
33.7	0.7585−0.7304i	0.0347−0.0257i	0.2443+0.1954i	0.6655−0.6774i	0.0375+0.0057i	0.2840+0.1143i	0.1075−0.2020i
33.8	0.7016−0.7810i	0.0098−0.0296i	0.2941+0.2363i	0.6118−0.7295i	0.0249+0.0079i	0.2326+0.0838i	0.0437−0.3078i
33.9	0.6770−0.8101i	0.0005−0.0170i	0.3244+0.2581i	0.5893−0.7622i	0.0196+0.0188i	0.1942+0.0686i	−0.0141−0.3716i
34.0	0.6450−0.8347i	−0.0060−0.0049i	0.3685+0.2613i	0.5521−0.7787i	0.0226+0.0258i	0.1398+0.0660i	−0.1295−0.3954i
34.1	0.6053−0.8430i	−0.0024+0.0000i	0.4108+0.2423i	0.5160−0.7884i	0.0297+0.0238i	0.0899+0.0859i	−0.2343−0.3651i
34.2	0.5847−0.8488i	0.0031−0.0007i	0.4401+0.2037i	0.4949−0.7926i	0.0362+0.0208i	0.0511+0.1245i	−0.3147−0.3035i
34.3	0.5835−0.8515i	0.0048−0.0048i	0.4542+0.1871i	0.4902−0.7977i	0.0382+0.0167i	0.0219+0.1451i	−0.3686−0.2843i
34.4	0.5730−0.8588i	0.0087−0.0016i	0.4551+0.1600i	0.4847−0.7934i	0.0430+0.0156i	−0.0001+0.1735i	−0.4095−0.2554i
34.5	0.5755−0.8615i	0.0125+0.0046i	0.4519+0.1280i	0.4894−0.7870i	0.0429+0.0210i	−0.0185+0.2113i	−0.4522−0.1937i
34.6	0.5853−0.8784i	0.0173+0.0030i	0.4313+0.1003i	0.5020−0.7977i	0.0492+0.0211i	−0.0274+0.2478i	−0.4499−0.1452i
34.7	0.5975−0.9061i	0.0266+0.0024i	0.3977+0.0936i	0.5250−0.8204i	0.0554+0.0177i	−0.0237+0.2703i	−0.4512−0.1151i
34.8	0.6071−0.9226i	0.0266−0.0027i	0.3827+0.0944i	0.5361−0.8384i	0.0576+0.0118i	−0.0330+0.2895i	−0.4722−0.1126i
34.9	0.6172−0.9470i	0.0324−0.0068i	0.3598+0.0776i	0.5495−0.8585i	0.0627+0.0091i	−0.0371+0.3218i	−0.4697−0.0802i
35.0	0.6329−0.9865i	0.0380−0.0114i	0.3434+0.0762i	0.5736−0.8915i	0.0691+0.0062i	−0.0476+0.3435i	−0.4932−0.0527i
35.1	0.6393−1.0199i	0.0430−0.0123i	0.3091+0.0863i	0.5924−0.9221i	0.0717+0.0032i	−0.0367+0.3661i	−0.4819−0.0490i
35.2	0.6429−1.0486i	0.0390−0.0181i	0.2854+0.0992i	0.6028−0.9571i	0.0672−0.0038i	−0.0373+0.3782i	−0.5133−0.0383i
35.3	0.6560−1.1119i	0.0411−0.0332i	0.2724+0.1276i	0.6193−1.0261i	0.0682−0.0142i	−0.0518+0.3840i	−0.5526−0.0136i
35.4	0.6580−1.1780i	0.0482−0.0382i	0.2538+0.1538i	0.6307−1.1022i	0.0753−0.0156i	−0.0610+0.4054i	−0.5601+0.0147i
35.5	0.6549−1.2220i	0.0464−0.0441i	0.2401+0.1580i	0.6287−1.1488i	0.0735−0.0207i	−0.0618+0.4295i	−0.5627+0.0537i
35.6	0.6377−1.2814i	0.0444−0.0500i	0.2375+0.1804i	0.6086−1.2103i	0.0734−0.0261i	−0.0721+0.4523i	−0.5719+0.1153i
35.7	0.6210−1.3379i	0.0444−0.0592i	0.2237+0.1950i	0.5901−1.2706i	0.0746−0.0292i	−0.0805+0.4742i	−0.5717+0.1603i
35.8	0.6009−1.3991i	0.0468−0.0635i	0.2138+0.2154i	0.5709−1.3361i	0.0794−0.0350i	−0.0902+0.4987i	−0.5778+0.2077i
35.9	0.5664−1.4556i	0.0436−0.0684i	0.2267+0.2211i	0.5332−1.3944i	0.0777−0.0390i	−0.1086+0.5425i	−0.5934+0.2424i
36.0	0.5240−1.5027i	0.0332−0.0781i	0.2276+0.2261i	0.4871−1.4421i	0.0695−0.0472i	−0.1123+0.5796i	−0.5837+0.2792i
36.1	0.4659−1.5544i	0.0362−0.0827i	0.2342+0.2353i	0.4288−1.5022i	0.0743−0.0536i	−0.1149+0.6221i	−0.5590+0.3340i
36.2	0.4207−1.6025i	0.0365−0.0890i	0.2258+0.2507i	0.3785−1.5606i	0.0747−0.0583i	−0.0998+0.6628i	−0.5294+0.3980i
36.3	0.3892−1.6399i	0.0352−0.0927i	0.2084+0.2611i	0.3497−1.5988i	0.0772−0.0634i	−0.0892+0.6946i	−0.5048+0.4430i
36.4	0.3129−1.6813i	0.0228−0.1004i	0.2094+0.2822i	0.2691−1.6509i	0.0687−0.0690i	−0.0737+0.7339i	−0.4603+0.4870i
36.5	0.2567−1.7101i	0.0068−0.1023i	0.1861+0.2890i	0.2026−1.6728i	0.0581−0.0748i	−0.0326+0.7805i	−0.4221+0.5439i
36.6	0.1941−1.7549i	0.0051−0.0990i	0.1732+0.3081i	0.1427−1.7060i	0.0584−0.0696i	−0.0040+0.8072i	−0.3732+0.6020i
36.7	0.1254−1.7710i	0.0048−0.0970i	0.1669+0.3326i	0.0767−1.7199i	0.0584−0.0678i	0.0314+0.8343i	−0.2927+0.6122i
36.8	0.0933−1.7728i	0.0073−0.0968i	0.1664+0.3525i	0.0442−1.7235i	0.0569−0.0728i	0.0510+0.8550i	−0.2605+0.5889i
36.9	0.0429−1.7736i	0.0135−0.1023i	0.1528+0.3668i	−0.0014−1.7286i	0.0644−0.0794i	0.0973+0.8649i	−0.1725+0.5971i
37.0	0.0139−1.7536i	0.0111−0.1111i	0.1426+0.3873i	−0.0324−1.7157i	0.0653−0.0866i	0.1164+0.8627i	−0.1136+0.5413i
37.1	0.0099−1.7733i	0.0095−0.1170i	0.1462+0.4165i	−0.0479−1.7415i	0.0584−0.0937i	0.1180+0.8760i	−0.1330+0.5096i

37.2	-0.0108-1.8322i	0.0080-0.1249i	0.1522+0.4424i	-0.0696-1.7979i	0.0572-0.0992i	0.1339+0.9024i	-0.1635+0.5392i
37.3	-0.0510-1.8809i	0.0055-0.1437i	0.1507+0.4493i	-0.1059-1.8535i	0.0549-0.1109i	0.1604+0.9330i	-0.1543+0.5821i
37.4	-0.0802-1.9122i	0.0043-0.1560i	0.1719+0.4535i	-0.1458-1.8908i	0.0548-0.1214i	0.1684+0.9614i	-0.1593+0.6282i
37.5	-0.1533-1.9646i	-0.0110-0.1790i	0.1721+0.4591i	-0.2284-1.9503i	0.0460-0.1404i	0.1996+0.9933i	-0.0884+0.7089i
37.6	-0.2059-2.0143i	-0.0135-0.1977i	0.1645+0.4483i	-0.2875-2.0067i	0.0489-0.1522i	0.2209+1.0402i	0.0021+0.7704i
37.7	-0.2981-2.0475i	-0.0236-0.2150i	0.1199+0.4217i	-0.3784-2.0403i	0.0461-0.1682i	0.2975+1.1065i	0.1810+0.8255i
37.8	-0.3884-2.0729i	-0.0430-0.2246i	0.0828+0.4367i	-0.4739-2.0688i	0.0304-0.1786i	0.3689+1.1310i	0.3486+0.7974i
37.9	-0.5090-2.1134i	-0.0756-0.2450i	0.0224+0.4845i	-0.6150-2.1225i	0.0063-0.2023i	0.4921+1.1289i	0.5497+0.6125i
38.0	-0.5966-2.0801i	-0.1095-0.2579i	-0.0199+0.5454i	-0.7208-2.0989i	-0.0238-0.2147i	0.5887+1.0793i	0.5914+0.3906i
38.1	-0.7252-2.0538i	-0.1572-0.2637i	-0.0470+0.6203i	-0.8782-2.0750i	-0.0608-0.2225i	0.6659+1.0071i	0.5394+0.2203i
38.2	-0.7936-2.0177i	-0.1935-0.2416i	-0.0435+0.6767i	-0.9732-2.0227i	-0.0887-0.2084i	0.7006+0.9363i	0.4507+0.1347i
38.3	-0.8365-1.9879i	-0.2276-0.2303i	-0.0620+0.7306i	-1.0404-1.9785i	-0.1202-0.1992i	0.7302+0.8719i	0.3822+0.0695i
38.4	-0.8916-1.9987i	-0.2583-0.2083i	-0.0922+0.7986i	-1.1108-1.9625i	-0.1430-0.1832i	0.7397+0.8199i	0.3070+0.0601i
38.5	-0.9249-2.0062i	-0.2739-0.1766i	-0.1256+0.8615i	-1.1514-1.9393i	-0.1581-0.1597i	0.7641+0.7997i	0.2550+0.1844i
38.6	-1.0002-2.0142i	-0.2806-0.1556i	-0.1447+0.9661i	-1.2191-1.9294i	-0.1662-0.1416i	0.7991+0.7504i	0.3011+0.2237i
38.7	-1.1214-2.0329i	-0.2935-0.1380i	-0.1407+1.1188i	-1.3428-1.9317i	-0.1760-0.1235i	0.8325+0.6609i	0.3613+0.1545i
38.8	-1.2313-2.0144i	-0.2959-0.1106i	-0.0747+1.2673i	-1.4416-1.8918i	-0.1761-0.0994i	0.8174+0.5562i	0.4091+0.1014i
38.9	-1.3441-2.0032i	-0.2943-0.0872i	0.0195+1.3898i	-1.5362-1.8575i	-0.1735-0.0820i	0.7739+0.4729i	0.4252+0.0543i
39.0	-1.4771-1.9394i	-0.2966-0.0588i	0.1758+1.4770i	-1.6582-1.7728i	-0.1747-0.0582i	0.6973+0.4063i	0.4012-0.0297i
39.1	-1.5898-1.8609i	-0.2880-0.0420i	0.3002+1.4921i	-1.7455-1.6862i	-0.1596-0.0471i	0.6308+0.3927i	0.3723-0.0612i
39.2	-1.6804-1.7616i	-0.2796-0.0328i	0.4194+1.5179i	-1.8214-1.5957i	-0.1456-0.0440i	0.5534+0.3730i	0.3573-0.1125i
39.3	-1.7625-1.6669i	-0.2819-0.0328i	0.5306+1.5067i	-1.8953-1.5163i	-0.1459-0.0505i	0.4803+0.3940i	0.3129-0.1566i
39.4	-1.8626-1.5602i	-0.2825-0.0428i	0.6061+1.5029i	-1.9884-1.4356i	-0.1481-0.0704i	0.4649+0.4017i	0.2931-0.1983i
39.5	-1.9344-1.4262i	-0.2876-0.0381i	0.7018+1.5147i	-2.0611-1.3192i	-0.1529-0.0699i	0.4290+0.4068i	0.2358-0.2040i
39.6	-1.9726-1.2787i	-0.2953-0.0390i	0.7848+1.4849i	-2.1054-1.1942i	-0.1611-0.0742i	0.3930+0.4381i	0.2162-0.1971i
39.7	-2.0057-1.1136i	-0.3346-0.0247i	0.8564+1.3949i	-2.1647-1.0416i	-0.2014-0.0653i	0.3960+0.5025i	0.2635-0.1756i
39.8	-1.9676-0.9884i	-0.3460+0.0239i	0.8351+1.3777i	-2.1537-0.8969i	-0.2149-0.0212i	0.4394+0.4790i	0.2493-0.2338i
39.9	-1.9266-0.8535i	-0.3186+0.0440i	0.8407+1.4344i	-2.1132-0.7651i	-0.1909-0.0090i	0.4388+0.4170i	0.1769-0.2606i
40.0	-1.9005-0.7247i	-0.3149+0.0432i	0.8982+1.4637i	-2.1001-0.6495i	-0.1891-0.0168i	0.4108+0.3972i	0.1814-0.2452i
40.1	-1.8608-0.6225i	-0.3163+0.0458i	1.0092+1.5143i	-2.0854-0.5552i	-0.1923-0.0185i	0.3355+0.3615i	0.1533-0.2709i
40.2	-1.7606-0.5666i	-0.3203+0.0583i	1.1360+1.4944i	-2.0153-0.4815i	-0.2006-0.0083i	0.2430+0.3702i	0.0890-0.2745i
40.3	-1.7024-0.5483i	-0.3233+0.0636i	1.2277+1.4460i	-1.9756-0.4569i	-0.2072-0.0068i	0.1813+0.3987i	0.0773-0.2776i
40.4	-1.6402-0.5071i	-0.3469+0.0703i	1.3155+1.3505i	-1.9633-0.3995i	-0.2414-0.0030i	0.1416+0.4750i	0.0474-0.2577i
40.5	-1.6060-0.4613i	-0.3729+0.0954i	1.3366+1.3169i	-1.9813-0.3233i	-0.2713+0.0181i	0.1512+0.5018i	0.0319-0.2516i
40.6	-1.5731-0.4355i	-0.3906+0.1197i	1.3796+1.2885i	-1.9864-0.2534i	-0.2877+0.0404i	0.1428+0.5233i	0.0264-0.2127i
40.7	-1.5290-0.3955i	-0.3959+0.1599i	1.3807+1.2453i	-1.9561-0.1504i	-0.2941+0.0811i	0.1513+0.5293i	0.0734-0.1969i
40.8	-1.4781-0.3736i	-0.3945+0.2018i	1.4132+1.1756i	-1.9019-0.0640i	-0.2968+0.1212i	0.1258+0.5811i	0.0823-0.2306i
40.9	-1.4609-0.3780i	-0.3686+0.2355i	1.3947+1.1189i	-1.8482-0.0077i	-0.2730+0.1568i	0.1495+0.6244i	0.0615-0.1991i
41.0	-1.4507-0.3545i	-0.3278+0.2437i	1.3408+1.1424i	-1.7833+0.0296i	-0.2288+0.1640i	0.1940+0.6032i	0.0840-0.1652i
41.1	-1.3921-0.3214i	-0.3053+0.2493i	1.3452+1.2199i	-1.7099+0.0656i	-0.2118+0.1669i	0.2076+0.5350i	0.1773-0.1412i
41.2	-1.3541-0.3277i	-0.2983+0.2755i	1.5038+1.2284i	-1.6678+0.1186i	-0.2092+0.1964i	0.0792+0.5405i	0.1764-0.2299i
41.3	-1.3475-0.3324i	-0.2704+0.2935i	1.5688+1.0949i	-1.5965+0.1476i	-0.1866+0.2143i	0.0451+0.6583i	0.1280-0.2557i
41.4	-1.3497-0.3286i	-0.2323+0.2876i	1.4345+1.0019i	-1.5229+0.1320i	-0.1483+0.2121i	0.1589+0.7112i	0.1312-0.2094i
41.5	-1.3246-0.2771i	-0.2208+0.2658i	1.3829+1.1689i	-1.4814+0.1326i	-0.1278+0.1868i	0.1809+0.5919i	0.2002-0.2185i
41.6	-1.2670-0.2605i	-0.2387+0.2398i	1.4992+1.2605i	-1.4551+0.1003i	-0.1458+0.1549i	0.1059+0.5188i	0.2260-0.3048i
41.7	-1.2290-0.2535i	-0.2617+0.2249i	1.6468+1.3770i	-1.4717+0.0738i	-0.1747+0.1326i	-0.0031+0.4364i	0.2910-0.3706i
41.8	-1.1910-0.2713i	-0.2795+0.2302i	1.8193+1.2863i	-1.4736+0.0864i	-0.1937+0.1305i	-0.0872+0.5254i	0.3262-0.4647i
41.9	-1.1663-0.3268i	-0.2994+0.2447i	1.7534+1.1484i	-1.4663+0.0659i	-0.2212+0.1498i	0.0135+0.5618i	0.2422-0.4676i
42.0	-1.1923-0.3430i	-0.3213+0.2925i	1.8370+1.1818i	-1.5137+0.0981i	-0.2390+0.1947i	-0.1334+0.4922i	0.2353-0.4969i
42.1	-1.2014-0.3353i	-0.3277+0.3261i	1.8667+1.2109i	-1.5326+0.1397i	-0.2422+0.2263i	-0.2130+0.4895i	0.2714-0.5246i
42.2	-1.1801-0.3423i	-0.3352+0.3828i	2.0272+1.3505i	-1.5417+0.1767i	-0.2527+0.2789i	-0.3610+0.4053i	0.3536-0.6209i
42.3	-1.2019-0.3731i	-0.2843+0.4451i	2.2957+1.2027i	-1.5547+0.2498i	-0.2085+0.3412i	-0.6175+0.5630i	0.3049-0.7378i
42.4	-1.2630-0.3729i	-0.2282+0.4382i	2.2687+1.0378i	-1.5275+0.3346i	-0.1456+0.3373i	-0.6178+0.7857i	0.2412-0.8255i
42.5	-1.2902-0.3163i	-0.2323+0.4084i	2.3727+1.0721i	-1.4873+0.3633i	-0.1476+0.2958i	-0.6480+0.8079i	0.1167-0.8850i
42.6	-1.3065-0.2885i	-0.2228+0.4381i	2.5813+0.8358i	-1.4810+0.4136i	-0.1460+0.3280i	-0.7881+1.0131i	0.0579-0.9051i
42.7	-1.2857-0.2317i	-0.2257+0.4123i	2.5492+0.7574i	-1.4290+0.4138i	-0.1484+0.2915i	-0.7217+1.0765i	0.0192-0.9469i
42.8	-1.2228-0.2074i	-0.3066+0.4076i	2.6257+0.7901i	-1.4682+0.3898i	-0.2441+0.2777i	-0.7999+1.0082i	0.0551-0.9602i
42.9	-1.2539-0.2344i	-0.3231+0.5504i	2.7071+0.5331i	-1.5062+0.5136i	-0.2643+0.4275i	-0.9326+1.2763i	0.0293-1.0870i
43.0	-1.2972-0.1815i	-0.2171+0.6846i	2.6463+0.3865i	-1.4403+0.6474i	-0.1535+0.5545i	-0.8927+1.5438i	-0.0880-1.2115i
43.1	-1.2732-0.0808i	-0.0504+0.6776i	2.6567+0.4340i	-1.3209+0.7101i	0.0095+0.5263i	-0.7803+1.6164i	-0.2741-1.2954i
43.2	-1.1824-0.0336i	-0.0073+0.5462i	2.9330+0.4329i	-1.2486+0.6590i	0.0355+0.3859i	-0.8832+1.5835i	-0.3942-1.2296i
43.3	-1.1387-0.0753i	-0.0374+0.4944i	2.8960+0.0457i	-1.2276+0.6166i	-0.0104+0.3425i	-0.8416+1.8162i	-0.4558-1.1253i
43.4	-1.1505-0.1132i	-0.0735+0.5061i	2.5938-0.0038i	-1.2565+0.5998i	-0.0512+0.3665i	-0.6588+1.8212i	-0.4550-1.0544i

43.5	-1.1833-0.0798i	-0.0770+0.5128i	2.5217+0.1245i	-1.2999+0.6345i	-0.0553+0.3764i	-0.6888+1.7731i	-0.3968-1.0483i
43.6	-1.1643-0.0325i	-0.0721+0.5529i	2.6866+0.0909i	-1.2907+0.7843i	-0.0559+0.4122i	-0.8265+1.9644i	-0.4270-1.1107i
43.7	-1.0889+0.0375i	-0.0451+0.5782i	2.9418-0.0462i	-1.1591+0.8708i	-0.0395+0.4264i	-0.8791+2.2060i	-0.5909-1.2070i
43.8	-0.9892+0.0730i	-0.0567+0.5429i	3.0197-0.1817i	-1.1294+0.8446i	-0.0678+0.3859i	-0.8652+2.3386i	-0.5469-1.1765i
43.9	-0.8814-0.0075i	-0.0718+0.5736i	2.8872-0.5467i	-1.0961+0.8701i	-0.1060+0.4296i	-0.6801+2.6612i	-0.5765-1.1758i
44.0	-0.8185-0.1476i	-0.0745+0.6712i	2.9152-0.6932i	-1.0669+0.9459i	-0.1271+0.5432i	-0.6268+2.8158i	-0.5831-1.3166i
44.1	-0.9036-0.2567i	0.0264+0.7114i	2.7448-0.9817i	-0.9839+0.9937i	-0.0287+0.6100i	-0.4048+3.0546i	-0.7516-1.3900i
44.2	-0.9302-0.2795i	0.0184+0.7435i	2.5425-1.1147i	-0.9621+1.1185i	-0.0320+0.6570i	-0.1817+3.2563i	-0.7536-1.5721i
44.3	-1.0370-0.2370i	0.1330+0.7349i	2.1091-0.7686i	-0.7327+1.1366i	0.1019+0.6504i	0.3864+3.0400i	-0.9580-1.7087i
44.4	-1.0716-0.1038i	0.2333+0.5703i	2.3515-0.2884i	-0.5808+0.9163i	0.2031+0.4746i	0.3697+2.4599i	-1.2389-1.4672i
44.5	-0.9680-0.0795i	0.1287+0.5105i	2.8230-0.6264i	-0.6429+0.8477i	0.0835+0.4215i	-0.0112+2.5820i	-1.3119-1.3813i
44.6	-0.9373-0.0823i	0.0432+0.5208i	2.7073-0.8788i	-0.6142+0.8838i	-0.0093+0.4448i	0.0846+2.7893i	-1.4327-1.4836i
44.7	-0.8264-0.0679i	-0.0056+0.6505i	3.0280-0.9892i	-0.6132+0.8494i	-0.0675+0.5807i	-0.0875+2.8288i	-1.7698-1.3718i
44.8	-0.7034-0.0552i	0.0134+0.6373i	3.1422-1.1302i	-0.6780+0.7979i	-0.0567+0.5582i	-0.1176+2.8920i	-1.6897-1.1995i
44.9	-0.5926-0.1652i	-0.0949+0.6637i	3.0824-1.1976i	-0.7673+0.8177i	-0.1773+0.5951i	-0.0861+2.8438i	-1.4366-0.9809i
45.0	-0.5468-0.4484i	-0.0722+1.0174i	3.3566-2.0306i	-0.7341+1.0131i	-0.1719+0.9894i	-0.2494+3.3885i	-1.4698-1.2682i
45.1	-0.6118-0.6712i	0.1959+1.1783i	3.1215-2.5773i	-0.6584+1.1081i	0.0945+1.1840i	-0.0818+3.6355i	-1.6975-1.5112i
45.2	-0.7781-0.6935i	0.3681+1.0178i	2.8921-2.7229i	-0.6135+1.1635i	0.2803+1.0434i	-0.0809+3.7625i	-1.8125-1.4772i
45.3	-0.8984-0.6814i	0.3608+0.8873i	2.4528-2.8600i	-0.4958+1.2092i	0.3009+0.9338i	0.2103+3.9042i	-1.8663-1.5828i
45.4	-0.9859-0.4905i	0.3169+0.7776i	2.1206-2.5753i	-0.4294+1.1298i	0.2869+0.8032i	0.3714+3.8490i	-1.9866-1.3440i
45.5	-0.9934-0.6791i	0.3382+0.9346i	1.7254-3.2113i	-0.3197+1.2060i	0.3145+0.9873i	0.7405+4.4188i	-2.1815-1.2332i
45.6	-1.1238-0.7123i	0.4293+1.0309i	1.3624-3.0573i	-0.1520+1.1980i	0.4387+1.0888i	1.0510+4.2344i	-2.5530-1.2776i
45.7	-1.2753-0.8517i	0.6710+1.1923i	0.9093-3.6974i	0.0856+1.1646i	0.7069+1.2478i	1.3361+4.7472i	-3.1905-0.7037i
45.8	-1.2832-1.0294i	0.7864+1.3394i	0.6451-4.1019i	0.1102+1.2882i	0.8001+1.4217i	1.5635+5.0608i	-3.0603-1.0185i
45.9	-1.4134-1.0700i	0.9707+1.3367i	0.2423-4.0660i	0.2184+1.4217i	0.9886+1.4459i	1.8858+5.1236i	-3.1601-1.5234i
46.0	-1.7145-1.0391i	1.2112+1.1675i	-0.4954-3.8166i	0.5795+1.3161i	1.2828+1.2988i	2.5086+4.9961i	-4.0843-1.3948i
46.1	-1.9020-0.6021i	1.1961+0.8225i	-0.8139-2.6405i	0.6976+0.8556i	1.3228+0.8964i	2.8385+4.1210i	-4.3320-0.3586i
46.2	-1.8677-0.4623i	1.1779+0.9304i	-0.6492-2.6598i	0.6382+0.6591i	1.3262+0.9622i	2.7125+4.1257i	-4.4534+0.3653i
46.3	-1.6991-0.5818i	1.2937+1.2291i	-0.6528-3.1316i	0.5697+0.7783i	1.4064+1.2566i	2.7994+4.5127i	-4.0713+0.1904i
46.4	-2.0178-0.5303i	1.9827+0.8887i	-1.7554-2.3248i	0.9206+0.5984i	2.1262+0.9214i	3.7742+3.8195i	-4.8153+0.2928i
46.5	-2.1118-0.1187i	2.0313+0.0646i	-1.4729-1.0544i	0.8174+0.0056i	2.1933+0.0326i	3.4254+2.7346i	-4.9345+1.9949i
46.6	-1.9510-0.1023i	1.7095-0.0804i	-0.7267-1.4459i	0.5273+0.0067i	1.8417-0.1180i	2.6901+3.1846i	-4.3972+2.5594i
46.7	-1.9011-0.2787i	1.5409+0.1026i	-0.6875-2.2329i	0.4533+0.2079i	1.6559+0.0924i	2.6653+3.9362i	-4.0354+2.4639i
46.8	-2.1157-0.1158i	1.6539-0.0081i	-1.7035-2.0382i	0.5670+0.1757i	1.7931-0.0160i	3.6830+3.9970i	-3.4882+2.8267i
46.9	-2.2510+0.1717i	1.7881-0.2901i	-2.3670-1.1504i	0.6923-0.0414i	1.9503-0.3191i	4.5151+3.3421i	-3.1174+3.1481i
47.0	-2.0384+0.3401i	1.6495-0.5904i	-1.5267-0.5267i	0.5432-0.2838i	1.7933-0.6501i	3.9691+2.6045i	-3.0492+3.2431i
47.1	-1.8377+0.3534i	1.2144-0.7818i	-0.9148-0.9411i	0.1872-0.3191i	1.3192-0.8484i	3.3206+2.7656i	-2.3099+3.7871i
47.2	-1.9104+0.1854i	0.9558-0.5240i	-1.4358-1.9448i	0.1071-0.0559i	1.0598-0.5382i	3.5839+3.6916i	-1.7178+3.6485i
47.3	-1.9769+0.0741i	1.0491-0.2202i	-2.1601-2.2412i	0.2562+0.1115i	1.1793-0.2035i	4.1875+4.0062i	-1.7909+3.0606i
47.4	-2.0849+0.1186i	1.1913-0.1001i	-2.9162-1.7806i	0.3831+0.1446i	1.3532-0.0873i	4.8342+3.7223i	-1.7328+2.6117i
47.5	-2.0265+0.4452i	1.2766-0.2935i	-3.0244-0.3261i	0.4230-0.0253i	1.4493-0.3333i	5.0951+2.6529i	-1.4740+2.4576i
47.6	-2.1800+0.9893i	1.4948-0.8718i	-3.4636+1.8495i	0.4930-0.4289i	1.7015-0.9763i	5.6109+1.0044i	-1.3485+3.2639i
47.7	-1.7992+1.1306i	1.1186-1.0692i	-1.8080+2.2995i	0.2164-0.5034i	1.2831-1.2046i	4.4325+0.5977i	-0.9078+3.2413i
47.8	-1.4372+1.1311i	0.7179-1.1121i	-0.6041+1.6307i	0.0070-0.4174i	0.8381-1.2440i	3.6391+1.1116i	-0.3788+3.3109i
47.9	-1.3739+0.9904i	0.6514-0.9855i	-0.8032+1.2433i	0.0819-0.3957i	0.7822-1.0997i	4.0027+1.2718i	-0.2283+3.1326i
48.0	-1.3425+0.9892i	0.5625-1.0863i	-0.4798+1.2161i	-0.0206-0.5254i	0.6861-1.2186i	3.7109+1.0230i	-0.2055+3.2322i
48.1	-1.2434+0.7928i	0.3853-0.8201i	-0.4793+0.4556i	-0.0769-0.3223i	0.4824-0.9255i	3.6018+1.6362i	-0.0499+2.7880i
48.2	-1.3209+0.7322i	0.5042-0.6640i	-1.0248+0.5402i	0.0547-0.2903i	0.6197-0.7570i	4.0692+1.5723i	-0.1824+2.4503i
48.3	-1.2601+0.8263i	0.4208-0.6924i	-1.0057+0.9888i	-0.0331-0.3884i	0.5349-0.7995i	3.9986+1.1516i	0.0684+2.5715i
48.4	-1.2028+0.7254i	0.4942-0.5197i	-0.7817+0.8908i	-0.0445-0.3759i	0.5989-0.6210i	3.8150+1.2412i	-0.0442+2.4642i
48.5	-1.1607+0.6822i	0.5886-0.5685i	-0.6179+1.0436i	-0.0598-0.3350i	0.6919-0.6650i	3.7048+1.1134i	0.0452+2.0906i
48.6	-1.2245+0.7603i	0.5543-0.7410i	-0.6304+1.2934i	-0.0515-0.4181i	0.6663-0.8493i	3.7027+0.8990i	0.0320+2.2173i
48.7	-1.1844+0.8647i	0.4685-0.7671i	-0.4447+1.3421i	-0.0894-0.4988i	0.5841-0.8827i	3.5666+0.9281i	-0.0857+2.3759i
48.8	-0.9712+0.7857i	0.3294-0.7051i	0.0069+0.9720i	-0.2309-0.4478i	0.4221-0.8203i	3.2977+1.2152i	0.1155+2.3854i
48.9	-0.9000+0.6090i	0.2540-0.5629i	-0.0023+0.6378i	-0.2745-0.3421i	0.3416-0.6667i	3.3365+1.4501i	0.3114+2.1215i
49.0	-0.9259+0.4661i	0.2722-0.4055i	-0.1672+0.4841i	-0.2579-0.2615i	0.3624-0.4943i	3.4731+1.5430i	0.4138+1.7644i
49.1	-1.0452+0.3412i	0.3441-0.3141i	-0.4904+0.0690i	-0.2357-0.1800i	0.4479-0.3759i	3.7330+1.8657i	0.3778+1.6723i
49.2	-1.2199+0.3845i	0.4978-0.3221i	-1.1700+0.4020i	-0.1209-0.1832i	0.6356-0.3833i	4.2709+1.6173i	0.3429+1.5116i
49.3	-1.3356+0.5533i	0.6269-0.5067i	-1.2982+1.3627i	-0.0576-0.3487i	0.7932-0.6055i	4.4174+0.8376i	0.1340+1.4677i
49.4	-1.2989+0.6273i	0.5669-0.6255i	-0.8509+1.6580i	-0.1239-0.4374i	0.7285-0.7512i	4.0816+0.6081i	-0.0041+1.5681i
49.5	-1.1845+0.5333i	0.4238-0.5246i	-0.5625+1.2380i	-0.1639-0.3731i	0.5663-0.6554i	3.8872+0.9758i	-0.0498+1.5446i
49.6	-1.2156+0.3978i	0.4855-0.3899i	-0.5865+1.1147i	-0.1359-0.3270i	0.6194-0.5041i	3.9720+1.0209i	-0.0914+1.2575i
49.7	-1.3599+0.4821i	0.5980-0.4841i	-0.5835+1.4169i	-0.1415-0.4119i	0.7434-0.6066i	3.9657+0.7119i	-0.2179+1.3235i

49.8	−1.3520+0.7217i	0.5913−0.6902i	−0.2183+1.8191i	−0.2354−0.5267i	0.7396−0.8479i	3.6434+0.4208i	−0.2718+1.5864i
49.9	−1.1570+0.7345i	0.3803−0.7058i	0.1912+1.4494i	−0.3711−0.4398i	0.4942−0.8692i	3.3614+0.7453i	0.0089+1.6624i
50.0	−1.2589+0.5431i	0.4239−0.4862i	−0.4206+0.9959i	−0.2844−0.3301i	0.5488−0.6194i	3.8763+1.1269i	0.0063+1.4523i
50.1	−1.3724+0.6203i	0.5651−0.5498i	−0.6029+1.3266i	−0.2423−0.3955i	0.7056−0.6959i	4.0688+0.8609i	−0.1965+1.4808i
50.2	−1.2692+0.7154i	0.4903−0.6488i	−0.2407+1.5701i	−0.2994−0.4120i	0.6149−0.8110i	3.8065+0.6666i	−0.1857+1.4722i
50.3	−1.0959+0.7714i	0.2927−0.6546i	0.1611+1.4946i	−0.4287−0.3549i	0.3906−0.8258i	3.5076+0.7412i	0.1142+1.5987i
50.4	−1.0641+0.6301i	0.2525−0.5113i	0.1090+1.2668i	−0.4545−0.2620i	0.3335−0.6598i	3.6207+0.8833i	0.4681+1.4178i
50.5	−1.2480+0.6528i	0.4085−0.5199i	−0.2051+1.4134i	−0.3561−0.2944i	0.5134−0.6591i	3.8665+0.6999i	0.3206+1.3066i
50.6	−1.2998+0.7664i	0.4585−0.5747i	−0.2566+1.4268i	−0.3904−0.3514i	0.5703−0.7249i	3.8676+0.6459i	0.1320+1.5527i
50.7	−1.3324+0.7082i	0.5353−0.4948i	−0.4176+1.1346i	−0.4124−0.2390i	0.6594−0.6344i	4.0027+0.9368i	0.0580+1.4933i
50.8	−1.3887+0.7458i	0.6215−0.5728i	−0.5440+1.3852i	−0.3658−0.2169i	0.7583−0.7238i	4.1421+0.7182i	0.0439+1.3556i
50.9	−1.5438+0.8017i	0.7357−0.6669i	−0.7533+1.3466i	−0.3232−0.2115i	0.8833−0.8260i	4.2825+0.7367i	−0.2173+1.5144i
51.0	−1.5022+0.8531i	0.6662−0.6984i	−0.8410+1.3072i	−0.3093−0.1579i	0.8096−0.8568i	4.3164+0.8310i	−0.1124+1.5027i
51.1	−1.3660+0.9660i	0.5886−0.7616i	−0.7195+1.9475i	−0.2513−0.1755i	0.7297−0.9366i	4.2918+0.4641i	0.0502+1.1297i
51.2	−1.2348+1.0911i	0.4623−0.9215i	−0.1766+2.2584i	−0.3094−0.2592i	0.5837−1.1197i	3.9508+0.2041i	−0.0351+1.4024i
51.3	−1.1247+1.0508i	0.3302−0.8752i	0.0767+2.0367i	−0.3474−0.2118i	0.4387−1.0713i	3.7755+0.3421i	0.2023+1.3602i
51.4	−1.1093+1.0474i	0.3088−0.8596i	0.0223+1.8105i	−0.3178−0.1587i	0.4124−1.0574i	3.8300+0.5094i	0.2218+1.3455i
51.5	−1.1827+0.9347i	0.3673−0.6998i	−0.4559+1.6045i	−0.1799−0.0627i	0.4795−0.8792i	4.2451+0.7155i	0.1788+1.0303i
51.6	−1.3924+1.1703i	0.5752−0.8546i	−0.9021+2.5052i	−0.0162−0.2584i	0.7220−1.0578i	4.7251+0.0032i	−0.2328+1.1252i
51.7	−1.2099+1.2999i	0.4704−0.9355i	−0.3186+2.7422i	−0.1206−0.3266i	0.5971−1.1563i	4.2498−0.2005i	−0.1897+1.2931i
51.8	−1.0575+1.2629i	0.4093−0.8915i	−0.0155+2.5596i	−0.1688−0.2459i	0.5168−1.1080i	4.0286+0.0355i	−0.0276+1.1586i
51.9	−1.0758+1.2416i	0.5035−0.9553i	−0.2900+2.7246i	−0.0394−0.3252i	0.6111−1.1776i	4.3981−0.1175i	−0.1106+1.1692i
52.0	−1.1174+1.4203i	0.4947−1.1890i	−0.1270+3.4175i	−0.0404−0.4959i	0.6157−1.4330i	4.3215−0.7364i	−0.2832+1.3180i
52.1	−0.9950+1.3897i	0.3569−1.1533i	0.3517+3.1908i	−0.1206−0.4568i	0.4593−1.3978i	3.9631−0.5780i	−0.3512+1.3329i
52.2	−0.9115+1.4073i	0.2911−1.1451i	0.5802+3.0696i	−0.1332−0.4351i	0.3848−1.3917i	3.7940−0.4685i	−0.3732+1.4362i
52.3	−0.7451+1.3977i	0.1914−1.1618i	0.8355+2.8931i	−0.1404−0.4764i	0.2702−1.4093i	3.6314−0.2839i	−0.2086+1.6063i
52.4	−0.9329+1.1842i	0.3394−1.0239i	0.1797+2.5595i	−0.0391−0.4412i	0.4344−1.2465i	4.2694−0.0596i	−0.3038+1.4330i
52.5	−0.9328+1.3529i	0.3307−1.2050i	0.3559+3.1697i	−0.0601−0.5820i	0.4258−1.4529i	4.1212−0.6015i	−0.4216+1.6025i
52.6	−0.6936+1.3750i	0.1012−1.2365i	1.0659+3.1221i	−0.2096−0.5709i	0.1593−1.4910i	3.4999−0.5559i	−0.1468+1.7265i
52.7	−0.6965+1.2477i	0.0604−1.1032i	0.8891+2.7131i	−0.1784−0.4537i	0.1180−1.3288i	3.6277−0.1474i	0.0414+1.5797i
52.8	−0.9019+1.4043i	0.2684−1.1786i	0.4206+3.3587i	0.0220−0.5877i	0.3611−1.4248i	4.1066−0.6014i	−0.2096+1.4919i
52.9	−0.8209+1.6203i	0.2439−1.3835i	0.8469+3.8674i	−0.0057−0.7905i	0.3290−1.6679i	3.8434−1.0193i	−0.2714+1.7695i
53.0	−0.5816+1.6134i	0.0485−1.4235i	1.4772+3.6953i	−0.1483−0.8441i	0.1084−1.7078i	3.4337−0.8606i	−0.0909+1.7441i
53.1	−0.4585+1.6902i	−0.0775−1.5313i	1.7163+3.7007i	−0.2374−0.9500i	−0.0345−1.8316i	3.3525−0.9027i	−0.0469+1.9943i
53.2	−0.2875+1.6140i	−0.2541−1.4730i	2.0382+3.5302i	−0.3785−0.9383i	−0.2357−1.7682i	3.1217−0.7801i	0.1657+1.9382i
53.3	−0.1649+1.3482i	−0.3692−1.2472i	2.1955+2.9607i	−0.4949−0.7898i	−0.3764−1.5092i	3.0081−0.3522i	0.3559+1.7205i
53.4	−0.1704+1.1857i	−0.3575−1.1205i	2.1265+2.6598i	−0.5061−0.6932i	−0.3665−1.3643i	3.1095−0.0979i	0.4768+1.5395i
53.5	−0.2929+1.1213i	−0.2811−1.1238i	1.9554+2.5143i	−0.4644−0.6655i	−0.2722−1.3554i	3.3125+0.0252i	0.3322+1.3849i
53.6	−0.3327+1.1054i	−0.3314−1.1053i	1.8312+2.3922i	−0.4979−0.6584i	−0.3223−1.3306i	3.4415+0.1090i	0.3003+1.3774i
53.7	−0.4016+1.1139i	−0.2676−1.0127i	1.5570+2.5016i	−0.4491−0.6025i	−0.2464−1.2385i	3.7184+0.0490i	0.2515+1.2441i
53.8	−0.5839+1.2217i	−0.0465−1.0898i	1.1322+2.8837i	−0.2507−0.6247i	0.0137−1.3358i	4.1662−0.2350i	−0.1228+1.2061i
53.9	−0.5260+1.3973i	−0.1030−1.2690i	1.4345+3.3175i	−0.2693−0.7768i	−0.0535−1.5456i	4.0112−0.6203i	−0.2351+1.4434i
54.0	−0.2894+1.3887i	−0.3068−1.2743i	2.0181+3.2876i	−0.4108−0.8030i	−0.3038−1.5597i	3.6103−0.6497i	−0.0796+1.5096i
54.1	−0.2064+1.2313i	−0.3708−1.1333i	2.1983+2.9364i	−0.4335−0.7103i	−0.3910−1.3938i	3.4914−0.3902i	0.0305+1.4226i
54.2	−0.4649+1.1584i	−0.0748−1.0977i	1.6263+2.8031i	−0.1618−0.7232i	−0.0615−1.3295i	4.0727−0.2871i	−0.2792+1.2867i
54.3	−0.4719+1.4580i	−0.1090−1.4531i	1.7558+3.4817i	−0.1825−1.0757i	−0.0677−1.7167i	4.0650−0.9796i	−0.4855+1.6758i
54.4	−0.3174+1.5091i	−0.2910−1.5048i	2.1217+3.4761i	−0.3560−1.1440i	−0.2633−1.7818i	3.7796−1.0514i	−0.3538+1.8693i
54.5	−0.1462+1.4721i	−0.4621−1.4593i	2.4516+3.3067i	−0.5023−1.1171i	−0.4587−1.7359i	3.5077−0.9374i	−0.1819+1.8701i
54.6	0.0379+1.3961i	−0.6695−1.3827i	2.7395+3.0315i	−0.7180−1.0634i	−0.6917−1.6582i	3.2061−0.6938i	0.1023+1.9103i
54.7	−0.0593+1.2771i	−0.5575−1.2667i	2.3175+2.7597i	−0.6367−0.9683i	−0.5727−1.5316i	3.5542−0.5106i	0.0312+1.8014i
54.8	−0.1724+1.4709i	−0.4435−1.5000i	2.0109+3.4574i	−0.5105−1.1536i	−0.4234−1.7982i	3.8502−1.1002i	−0.2000+1.9292i
54.9	−0.0267+1.6001i	−0.6094−1.6339i	2.4458+3.8506i	−0.6311−1.2758i	−0.6091−1.9590i	3.5556−1.4034i	−0.1343+2.1272i
55.0	0.2111+1.5078i	−0.8781−1.5497i	3.0646+3.5954i	−0.8656−1.2358i	−0.9266−1.8722i	3.0653−1.2273i	0.1182+2.1863i
55.1	0.2754+1.3598i	−0.9620−1.4142i	3.1921+3.2988i	−0.9327−1.1451i	−1.0230−1.7167i	2.9824−1.0005i	0.2094+2.0745i
55.2	0.3701+1.2597i	−1.0720−1.3183i	3.3965+3.1390i	−1.0283−1.0747i	−1.1429−1.6108i	2.8441−0.8664i	0.3379+2.0158i
55.3	0.4150+1.1554i	−1.1390−1.2067i	3.4933+2.9185i	−1.0886−0.9785i	−1.2230−1.4881i	2.7669−0.6748i	0.4224+1.9862i
55.4	0.3365+1.0132i	−1.0904−1.0736i	3.3169+2.6567i	−1.0520−0.8867i	−1.1801−1.3340i	2.8828−0.4404i	0.4133+1.8967i
55.5	0.1077+1.0891i	−0.8795−1.1242i	2.8359+2.8938i	−0.8523−0.9642i	−0.9292−1.3854i	3.3340−0.5830i	0.2088+1.8780i
55.6	0.2706+1.1844i	−1.0129−1.2226i	3.2709+3.1200i	−0.9487−1.0571i	−1.0778−1.5048i	3.1074−0.7635i	0.2657+1.9972i
55.7	0.4055+1.1118i	−1.1563−1.1621i	3.5909+2.9076i	−1.0878−1.0185i	−1.2505−1.4398i	2.8807−0.6259i	0.3864+2.0040i
55.8	0.4530+1.0691i	−1.2085−1.1176i	3.6367+2.7760i	−1.1267−0.9926i	−1.3120−1.3897i	2.8606−0.5425i	0.4486+2.0503i
55.9	0.3840+0.9508i	−1.1822−1.0224i	3.5036+2.5497i	−1.1165−0.9239i	−1.2846−1.2773i	3.0034−0.3268i	0.3608+1.9618i
56.0	0.2868+0.8816i	−1.0966−0.9379i	3.2163+2.4437i	−1.0240−0.8821i	−1.1931−1.1775i	3.2847−0.2090i	0.2758+1.8286i

56.1	0.2421+1.1352i	-1.0459-1.1433i	3.1396+3.1924i	-0.9770-1.1029i	-1.1293-1.4127i	3.4301-0.8033i	0.1165+2.0032i
56.2	0.3695+1.1295i	-1.1763-1.1539i	3.5191+3.1824i	-1.1187-1.1397i	-1.2746-1.4345i	3.1641-0.8028i	0.2176+2.0889i
56.3	0.4521+1.0389i	-1.2688-1.1002i	3.7254+2.9819i	-1.2107-1.1188i	-1.3754-1.3678i	3.0135-0.6400i	0.2802+2.1291i
56.4	0.5014+0.9712i	-1.3170-1.0197i	3.8528+2.8383i	-1.2502-1.0478i	-1.4356-1.2713i	3.0229-0.4775i	0.3374+2.0708i
56.5	0.5156+0.9126i	-1.3412-0.9703i	3.8997+2.7189i	-1.2843-1.0300i	-1.4675-1.2044i	3.0703-0.3637i	0.3353+2.1048i
56.6	0.5411+0.8668i	-1.3867-0.9518i	3.9293+2.6733i	-1.3308-1.0532i	-1.5086-1.1867i	3.0774-0.3620i	0.3558+2.1446i
56.7	0.5606+0.8188i	-1.4161-0.9064i	3.9559+2.5801i	-1.3661-1.0419i	-1.5427-1.1374i	3.0831-0.3242i	0.3696+2.1081i
56.8	0.5830+0.7983i	-1.4460-0.8850i	3.9546+2.5635i	-1.3918-1.0375i	-1.5828-1.1211i	3.0997-0.2742i	0.3307+2.1396i
56.9	0.6231+0.7531i	-1.5174-0.8358i	3.9980+2.5064i	-1.4735-1.0127i	-1.6642-1.0646i	3.1202-0.2111i	0.3778+2.2260i
57.0	0.5977+0.6661i	-1.5152-0.7719i	3.8849+2.3664i	-1.4783-0.9887i	-1.6574-0.9897i	3.2467-0.1074i	0.3353+2.2529i
57.1	0.4741+0.5604i	-1.4302-0.6921i	3.4718+2.3029i	-1.4043-0.9587i	-1.5575-0.8872i	3.6054-0.0229i	0.2798+2.2564i
57.2	0.3361+0.6680i	-1.3206-0.7677i	3.1362+2.8339i	-1.3268-1.0568i	-1.4188-0.9716i	3.8980-0.3375i	0.1619+2.3266i
57.3	0.5958+0.8244i	-1.5785-0.8829i	4.0168+3.2926i	-1.6303-1.1963i	-1.7030-1.1247i	3.3136-0.7185i	0.3216+2.6411i
57.4	0.6949+0.7831i	-1.6956-0.8570i	4.3950+3.2236i	-1.7713-1.1945i	-1.8446-1.1069i	3.1096-0.6709i	0.4579+2.7125i
57.5	0.6997+0.7085i	-1.7307-0.7835i	4.4934+3.0693i	-1.8336-1.1542i	-1.8889-1.0267i	3.0932-0.5286i	0.4738+2.7914i
57.6	0.6742+0.6382i	-1.7554-0.7090i	4.5067+2.9320i	-1.9055-1.1144i	-1.9139-0.9368i	3.1113-0.4484i	0.4388+2.8306i
57.7	0.6719+0.5991i	-1.7577-0.6617i	4.5445+2.8634i	-1.9143-1.0747i	-1.9161-0.8753i	3.1515-0.3594i	0.4789+2.8548i
57.8	0.6858+0.6268i	-1.7820-0.6569i	4.5822+2.9153i	-2.0049-1.0888i	-1.9549-0.8792i	3.1477-0.4069i	0.5597+3.0479i
57.9	0.7386+0.6179i	-1.8402-0.6302i	4.6686+2.9580i	-2.0773-1.0642i	-2.0247-0.8539i	3.1245-0.3679i	0.6493+3.1677i
58.0	0.7403+0.5622i	-1.8932-0.5951i	4.7304+2.9625i	-2.1731-1.0433i	-2.0840-0.8144i	3.1221-0.2846i	0.7211+3.2093i
58.1	0.7700+0.5198i	-1.9335-0.5256i	4.7883+2.9183i	-2.2246-1.0137i	-2.1174-0.7408i	3.1292-0.2577i	0.8157+3.2686i
58.2	0.8359+0.5005i	-2.0015-0.4931i	4.8682+2.9310i	-2.3224-1.0033i	-2.2110-0.7058i	3.1141-0.2316i	0.8980+3.3391i
58.3	0.9094+0.4187i	-2.1211-0.3889i	4.9657+3.0143i	-2.4689-0.9340i	-2.3569-0.5886i	3.0718-0.0974i	1.0247+3.4707i
58.4	0.9171+0.3100i	-2.1189-0.2378i	5.0625+3.0063i	-2.5060-0.8373i	-2.3475-0.4251i	3.1267-0.0185i	1.1916+3.5138i
58.5	0.8471+0.2924i	-2.0282-0.1787i	5.0891+3.1596i	-2.5239-0.8038i	-2.2461-0.3625i	3.2551-0.0967i	1.2881+3.5776i
58.6	0.8928+0.3264i	-2.0477-0.1897i	5.3901+3.3597i	-2.6721-0.7886i	-2.2823-0.3702i	3.0802-0.1733i	1.4717+3.7398i
58.7	0.9620+0.2724i	-2.1345-0.1592i	5.6549+3.3693i	-2.8346-0.7330i	-2.3865-0.3261i	2.9077-0.0109i	1.6767+3.8065i
58.8	1.0138+0.1713i	-2.1878-0.0659i	5.8914+3.2820i	-2.9354-0.5788i	-2.4537-0.2103i	2.8980+0.2243i	1.9461+3.7633i
58.9	0.9525+0.1225i	-2.1606+0.0026i	6.0048+3.2456i	-2.9738-0.4773i	-2.4314-0.1395i	3.0079+0.3422i	2.0153+3.7541i
59.0	0.9451+0.0557i	-2.1932+0.0892i	6.2663+3.1612i	-3.0692-0.2779i	-2.4729-0.0205i	3.0726+0.5395i	2.3377+3.7329i
59.1	0.9971+0.0158i	-2.2748+0.1821i	6.5227+3.1824i	-3.1821-0.0929i	-2.5621+0.0995i	3.1049+0.7934i	2.6523+3.7877i
59.2	0.9379-0.0115i	-2.2234+0.2399i	6.5989+3.1186i	-3.1487+0.0171i	-2.5100+0.1673i	3.2598+0.8639i	2.6396+3.7332i
59.3	0.9289-0.0483i	-2.2399+0.3020i	6.8379+3.1225i	-3.1681+0.1430i	-2.5321+0.2516i	3.4427+0.9779i	2.7950+3.7377i
59.4	0.9202-0.0682i	-2.2440+0.3693i	7.0308+3.0550i	-3.1640+0.2667i	-2.5311+0.3441i	3.6109+1.0410i	2.9421+3.6767i
59.5	0.8939-0.1121i	-2.2100+0.4922i	7.3270+2.9462i	-3.0855+0.4529i	-2.4855+0.4976i	3.8856+1.2081i	3.1194+3.5294i
59.6	0.9115-0.0848i	-2.1953+0.5154i	7.5267+2.9333i	-3.0813+0.5191i	-2.4662+0.5306i	4.0656+1.2367i	3.2248+3.5822i
59.7	0.9049-0.0859i	-2.1657+0.5816i	7.7798+2.8788i	-3.0041+0.6134i	-2.4241+0.6150i	4.3089+1.2942i	3.3298+3.5531i
59.8	0.9992-0.1535i	-2.1689+0.6849i	8.0906+2.6200i	-3.0663+0.7324i	-2.4101+0.7352i	4.5422+1.2936i	3.6003+3.3669i
59.9	1.0188-0.2022i	-2.1086+0.7561i	8.2575+2.3206i	2.2886+3.2545i	-2.3294+0.8139i	4.8030+1.1479i	3.6477+3.1023i
60.0	1.0735-0.1574i	-2.1019+0.7787i	8.5562+2.1468i	-17.7982-7.1428i	-2.3021+0.8666i	5.0492+1.0910i	3.9422+3.3826i
60.1	1.1815-0.1786i	-2.1355+0.7943i	8.8285+2.0595i	-9.2716-5.5876i	-2.3222+0.8806i	5.2164+1.0088i	4.1006+3.4123i
60.2	1.1976-0.3002i	-2.0830+0.8772i	8.9055+1.7461i	-2.6718+0.8762i	-2.2505+0.9739i	5.3734+0.8481i	4.1735+3.1161i
60.3	1.2741-0.4648i	-2.1021+0.9760i	9.0405+1.3701i	-2.7583+1.0598i	-2.2594+1.0819i	5.4350+0.6897i	4.4217+2.9226i
60.4	1.3359-0.5736i	-2.1011+1.0117i	9.0929+1.0933i	-2.7333+1.1206i	-2.2549+1.1266i	5.4514+0.5728i	4.5843+2.8173i
60.5	1.4399-0.7217i	-2.1358+1.0993i	9.2856+0.8533i	-2.8016+1.2093i	-2.2823+1.2328i	5.5065+0.4754i	4.8633+2.7939i
60.6	1.5571-0.8384i	-2.1746+1.1527i	9.5359+0.6904i	-2.8541+1.2744i	-2.3210+1.2813i	5.5490+0.3551i	5.1670+2.8886i
60.7	1.4714-1.0315i	-2.0822+1.2412i	9.4640+0.2923i	-2.7455+1.3787i	-2.2005+1.3766i	5.5956+0.2648i	5.2794+2.5259i
60.8	1.3637-1.2230i	-1.9877+1.3160i	9.3351-0.0987i	-2.6002+1.4706i	-2.0753+1.4547i	5.6274+0.1965i	5.3915+2.0964i
60.9	1.3629-1.3766i	-1.9749+1.3637i	9.3383-0.3880i	-2.5631+1.5182i	-2.0489+1.5063i	5.6410+0.0802i	5.5784+1.9494i
61.0	1.3851-1.5723i	-2.0170+1.4443i	9.4032-0.7255i	-2.5753+1.6105i	-2.0807+1.5987i	5.6114-0.0347i	5.9025+1.7408i
61.1	1.2555-1.6763i	-1.9552+1.4968i	9.2815-0.8942i	-2.5208+1.6660i	-2.0217+1.6516i	5.6018-0.0726i	5.9059+1.4884i
61.2	0.9294-1.8665i	-1.7543+1.6310i	8.9440-1.1276i	-2.3196+1.7130i	-1.7959+1.7827i	5.6618-0.0199i	5.5643+0.8563i
61.3	0.7989-1.9829i	-1.6989+1.6867i	8.7965-1.2726i	-2.2465+1.7579i	-1.7245+1.8490i	5.6488+0.0459i	5.5290+0.5684i
61.4	0.6652-2.0802i	-1.6423+1.7221i	8.6520-1.3755i	-2.1810+1.8259i	-1.6545+1.8894i	5.5980+0.0962i	5.4869+0.3554i
61.5	0.4784-2.1986i	-1.5498+1.7911i	8.5462-1.5741i	-2.0589+1.8909i	-1.5389+1.9571i	5.6607+0.0725i	5.4950+0.0562i
61.6	0.3464-2.2249i	-1.4658+1.8100i	8.4313-1.6363i	-1.9757+1.8975i	-1.4308+1.9820i	5.7622+0.1347i	5.3988-0.1306i
61.7	0.1383-2.1873i	-1.3372+1.8074i	8.2159-1.5871i	-1.8491+1.8478i	-1.2760+1.9698i	5.9009+0.2422i	5.1049-0.3726i
61.8	0.0225-2.2182i	-1.2871+1.8144i	8.1259-1.6766i	-1.7883+1.8521i	-1.2226+1.9805i	5.9341+0.2011i	5.0990-0.5343i
61.9	-0.0301-2.1777i	-1.2335+1.7826i	8.1345-1.6565i	-1.7453+1.7794i	-1.1585+1.9423i	6.0785+0.1804i	4.9702-0.5180i
62.0	-0.1288-2.2371i	-1.2145+1.8105i	8.0919-1.6646i	-1.7113+1.7922i	-1.1238+1.9709i	6.1585+0.1934i	4.9373-0.6934i
62.1	-0.2130-2.2473i	-1.1795+1.8245i	8.0810-1.6472i	-1.6900+1.8015i	-1.0750+1.9759i	6.2662+0.1970i	4.8649-0.7392i
62.2	-0.2958-2.1933i	-1.1433+1.7891i	8.0438-1.5966i	-1.6944+1.7678i	-1.0351+1.9380i	6.4040+0.1541i	4.6727-0.6693i
62.3	-0.3959-2.1419i	-1.0528+1.7646i	8.0830-1.5692i	-1.6590+1.7153i	-0.9318+1.9082i	6.6407+0.0948i	4.4446-0.6674i

62.4	-0.4823-2.1338i	-0.9863+1.7551i	8.1088-1.6411i	-1.6287+1.6912i	-0.8430+1.8904i	6.7739-0.0390i	4.3795-0.6951i
62.5	-0.5569-2.1070i	-0.9486+1.7360i	8.2195-1.5621i	-1.6256+1.6850i	-0.7948+1.8723i	6.9784-0.0567i	4.3365-0.6012i
62.6	-0.6643-2.1255i	-0.8783+1.7454i	8.2652-1.5340i	-1.5726+1.6973i	-0.7134+1.8835i	7.1715-0.0193i	4.2530-0.7233i
62.7	-0.7242-2.1598i	-0.8098+1.7191i	8.2113-1.5019i	-1.5920+1.7092i	-0.6427+1.8690i	7.1986+0.0356i	4.1722-0.8241i
62.8	-0.8032-2.2229i	-0.7865+1.7216i	8.2520-1.5618i	-1.5770+1.7915i	-0.6077+1.8842i	7.2090+0.0036i	4.3024-0.9896i
62.9	-0.8833-2.2565i	-0.7719+1.6759i	8.3550-1.6645i	-1.5927+1.8272i	-0.5731+1.8323i	7.3175-0.1434i	4.3810-1.0092i
63.0	-0.9586-2.2720i	-0.7739+1.6002i	8.4737-1.7006i	-1.5660+1.8500i	-0.5558+1.7518i	7.4645-0.2786i	4.3916-0.9054i
63.1	-1.0705-2.3029i	-0.7482+1.5712i	8.5429-1.6452i	-1.4925+1.8922i	-0.5060+1.7343i	7.6343-0.2240i	4.3381-1.0340i
63.2	-1.1843-2.3237i	-0.7717+1.5077i	8.5438-1.6678i	-1.4822+1.9332i	-0.5133+1.6654i	7.6298-0.3254i	4.4099-1.0619i
63.3	-1.2928-2.2988i	-0.8009+1.4211i	8.6849-1.7052i	-1.4585+1.9560i	-0.5232+1.5811i	7.7618-0.4696i	4.4355-0.9817i
63.4	-1.4031-2.3062i	-0.7972+1.3413i	8.8435-1.7376i	-1.4080+1.9879i	-0.4968+1.5085i	7.9451-0.5641i	4.4336-0.9808i
63.5	-1.5251-2.3036i	-0.8887+1.2970i	9.1143-1.8308i	-1.3664+2.0053i	-0.5591+1.4527i	8.1712-0.7111i	4.5040-0.9943i
63.6	-1.6811-2.3113i	-1.0238+1.2921i	9.2303-1.9425i	-1.2906+2.0175i	-0.6538+1.4496i	8.1975-0.8204i	4.6285-1.0643i
63.7	-1.8047-2.2885i	-1.0756+1.2697i	9.2786-1.8559i	-1.2229+1.9956i	-0.6785+1.4272i	8.2753-0.7137i	4.5931-1.1743i
63.8	-1.8920-2.2390i	-1.1754+1.3089i	9.3790-1.8190i	-1.1648+1.9718i	-0.7478+1.4530i	8.3580-0.5768i	4.6672-1.3204i
63.9	-2.0605-2.2248i	-1.3078+1.3690i	9.7350-2.0055i	-1.1219+1.9639i	-0.8305+1.4865i	8.6764-0.7684i	4.8009-1.3554i
64.0	-2.1853-2.1384i	-1.3987+1.4864i	9.8562-2.2693i	-1.0272+1.9522i	-0.8941+1.5814i	8.7382-0.9765i	4.9195-1.6469i
64.1	-2.2345-2.0732i	-1.4670+1.5198i	9.9202-2.3151i	-1.0144+1.9361i	-0.9433+1.6056i	8.7364-0.9809i	4.9512-1.7328i
64.2	-2.3471-2.0006i	-1.5098+1.5728i	10.0791-2.3581i	-0.9634+1.9122i	-0.9629+1.6473i	8.8663-0.9410i	4.8646-1.8959i
64.3	-2.4436-1.9336i	-1.5841+1.6742i	10.2855-2.5229i	-0.9439+1.8645i	-1.0083+1.7187i	9.0059-0.9541i	4.8698-2.0734i
64.4	-2.5196-1.9059i	-1.6683+1.7191i	10.4412-2.5749i	-0.9139+1.8133i	-1.0638+1.7467i	9.1391-0.8381i	4.8701-2.1492i
64.5	-2.6275-1.8537i	-1.8289+1.8654i	10.7492-2.9678i	-0.9205+1.8305i	-1.1886+1.8442i	9.4768-0.9925i	5.0882-2.2283i
64.6	-2.6817-1.7783i	-1.8803+2.0289i	10.8276-3.2411i	-0.9494+1.8093i	-1.2352+1.9764i	9.6352-1.0543i	5.1233-2.4025i
64.7	-2.7412-1.6938i	-1.8288+2.1960i	10.7768-3.4291i	-0.9560+1.7606i	-1.1807+2.1042i	9.8499-1.0824i	5.0306-2.6858i
64.8	-2.8051-1.6563i	-1.8120+2.3043i	10.7568-3.5433i	-0.9632+1.7389i	-1.1613+2.2012i	9.9995-1.0572i	5.0037-2.9427i
64.9	-2.8789-1.6411i	-1.8927+2.4681i	10.8922-3.7301i	-0.9487+1.7603i	-1.2170+2.3496i	10.2723-1.1513i	5.1394-3.0559i
65.0	-2.9369-1.5407i	-1.8833+2.6459i	10.9380-3.9117i	-0.9358+1.7225i	-1.1862+2.4942i	10.6030-1.2749i	5.0249-3.2292i
65.1	-3.0053-1.4472i	-1.9179+2.7964i	10.9483-4.0870i	-0.9479+1.7228i	-1.2088+2.6155i	10.8051-1.4670i	4.9713-3.3819i
65.2	-3.0831-1.4013i	-1.9286+3.0509i	11.1451-4.1550i	-1.0015+1.7149i	-1.2147+2.8336i	11.1807-1.5681i	5.0299-3.6456i
65.3	-3.1350-1.3390i	-1.8584+3.2155i	11.1746-4.2264i	-0.9977+1.7036i	-1.1507+2.9689i	11.3770-1.6544i	5.0116-3.8873i
65.4	-3.1818-1.2607i	-1.7736+3.3897i	11.2384-4.4408i	-1.0049+1.7023i	-1.0531+3.1104i	11.5883-1.9140i	4.9829-4.2185i
65.5	-3.2520-1.1983i	-1.7012+3.5533i	11.3988-4.6878i	-1.0092+1.7021i	-0.9668+3.2444i	11.9030-2.2191i	4.8575-4.5212i
65.6	-3.2963-1.1383i	-1.6604+3.8201i	11.4851-4.8966i	-1.0133+1.7044i	-0.9152+3.4587i	12.0306-2.4955i	4.8192-4.7607i
65.7	-3.3599-1.1301i	-1.5822+4.1011i	11.7356-5.0689i	-1.0660+1.7219i	-0.8225+3.6999i	12.3697-2.7116i	4.7829-5.0054i
65.8	-3.4115-1.0838i	-1.4922+4.2922i	11.8190-5.2275i	-1.0756+1.7295i	-0.7404+3.8715i	12.5531-2.9119i	4.5973-5.1860i
65.9	-3.4739-1.0134i	-1.2390+4.6419i	11.8630-5.4746i	-1.0776+1.7961i	-0.5034+4.1786i	12.7399-3.2025i	4.3988-5.5006i
66.0	-3.5695-1.0580i	-1.0776+4.8731i	12.2241-5.5312i	-1.1368+1.8143i	-0.3294+4.3931i	13.1748-3.2498i	4.3430-5.8214i
66.1	-3.6373-1.0042i	-0.7304+5.0095i	12.2920-5.7019i	-1.1296+1.8323i	0.0105+4.5053i	13.3764-3.4693i	4.0405-6.1600i
66.2	-3.7339-1.0344i	-0.5979+5.2311i	12.8195-5.7554i	-1.1972+1.8616i	0.1540+4.7071i	13.9850-3.5650i	3.9696-6.3269i
66.3	-3.7912-0.9825i	-0.2258+5.2075i	12.8008-6.1510i	-1.1928+1.8727i	0.5231+4.6574i	13.9810-3.9997i	3.7342-6.5643i
66.4	-3.9048-0.9259i	0.0546+5.4192i	12.9761-6.2577i	-1.1667+1.9518i	0.8148+4.8593i	14.2668-4.1384i	3.4162-6.8159i
66.5	-3.9994-0.9131i	0.1999+5.5574i	13.3663-6.4564i	-1.1983+1.9948i	0.9714+4.9743i	14.7430-4.4001i	3.2989-7.0418i
66.6	-4.1641-0.8729i	0.5707+5.6874i	13.8095-6.9589i	-1.1847+2.0278i	1.3699+5.0554i	15.3473-4.9239i	3.0247-7.4292i
66.7	-4.3462-0.7202i	1.0017+5.6687i	14.0367-7.7506i	-1.2251+2.0793i	1.8103+4.9652i	15.7083-5.7561i	2.6800-7.7464i
66.8	-4.4326-0.6507i	1.1430+5.6289i	14.1552-7.9290i	-1.2372+2.1284i	1.9274+4.8994i	15.8807-5.9810i	2.3287-7.9058i
66.9	-4.5859-0.6532i	1.2686+5.7997i	14.5042-8.0772i	-1.2846+2.2293i	2.0752+5.0558i	16.3029-6.1205i	1.9942-8.1432i
67.0	-4.7665-0.5845i	1.5912+5.9030i	15.0465-8.5689i	-1.3087+2.2847i	2.4248+5.1194i	16.9472-6.6445i	1.6087-8.3305i
67.1	-4.8370-0.5404i	1.7799+5.9726i	15.1866-8.9933i	-1.3120+2.3866i	2.6083+5.1635i	17.0859-7.0268i	1.4282-8.4948i
67.2	-4.9635-0.3593i	2.2853+5.9136i	15.2813-9.7969i	-1.1944+2.4410i	3.1000+5.0409i	17.3586-7.8948i	0.7293-8.6560i
67.3	-5.2001-0.4059i	2.4970+6.2249i	16.1176-10.0898i	-1.2514+2.5763i	3.3570+5.3176i	18.3357-8.1204i	0.5431-9.0967i
67.4	-5.3883-0.1711i	2.8985+6.0321i	16.2777-10.9918i	-1.2530+2.6655i	3.7507+5.0774i	18.6490-9.1384i	-0.2523-9.0358i
67.5	-5.5131+0.0138i	3.3923+5.9778i	16.0765-12.0663i	-1.1540+2.8126i	4.2019+4.9472i	18.5686-10.2185i	-0.8464-9.2925i
67.6	-5.5641+0.1394i	3.7367+5.8749i	15.8980-12.8804i	-0.9930+2.9337i	4.5208+4.8033i	18.5159-11.0428i	-1.4750-9.2689i
67.7	-5.8514+0.2977i	4.2560+5.8913i	16.0032-13.9628i	-0.8885+3.0385i	5.0304+4.7326i	18.8017-12.0817i	-2.1642-9.4320i
67.8	-6.2582+0.3890i	4.9222+6.0000i	16.5444-14.8817i	-0.8340+3.0931i	5.7062+4.7519i	19.6416-12.9504i	-2.9704-9.5197i
67.9	-6.6670+0.5448i	5.6933+6.1684i	16.9256-15.9444i	-0.6701+3.2311i	6.5016+4.8400i	20.3877-13.9068i	-3.5557-9.4818i
68.0	-6.8415+0.9930i	6.3624+5.7117i	15.9038-17.1689i	-0.3958+3.3173i	7.1047+4.3107i	19.7690-15.2738i	-4.5030-9.1151i
68.1	-7.1622+1.1943i	6.8246+5.3756i	16.0955-17.7643i	-0.3507+3.2686i	7.5803+3.9662i	20.3221-15.8894i	-4.9209-8.7868i
68.2	-7.3263+1.4296i	7.2394+4.8596i	15.5658-18.4693i	-0.2556+3.1589i	7.9580+3.4377i	20.1889-16.8289i	-5.3404-8.4937i
68.3	-7.5761+1.8572i	7.7104+4.5519i	15.2963-19.6885i	-0.1799+3.2821i	8.3954+3.0498i	20.3082-18.2766i	-5.6960-8.2866i
68.4	-7.8692+2.5506i	8.4749+3.8515i	14.8048-21.2003i	0.0745+3.3277i	9.1286+2.2571i	20.3734-20.2101i	-6.4483-8.1815i
68.5	-8.0897+2.9480i	8.7714+3.0410i	14.6385-21.4930i	0.0924+3.1371i	9.4244+1.4323i	20.6443-20.9677i	-7.1743-7.7173i
68.6	-7.8954+3.4823i	8.7691+2.1212i	13.2469-21.9051i	0.1522+2.9932i	9.3228+0.4685i	19.3553-22.0836i	-7.5652-7.0056i

68.7	-7.8827+4.4010i	9.0277+1.0425i	12.1723-23.7274i	0.2623+3.0632i	9.5001-0.6930i	18.6156-24.7806i	-8.1694-6.5933i
68.8	-8.1037+4.8207i	9.1118+0.7348i	12.5614-24.5492i	0.1896+3.2150i	9.6311-1.0790i	19.1299-26.1086i	-8.2913-6.4009i
68.9	-8.1357+5.4623i	9.1247+0.1266i	12.2366-25.3679i	0.2322+3.2173i	9.6496-1.7949i	18.8778-27.7105i	-8.8113-5.8225i
69.0	-7.4446+5.9345i	8.3671-0.7207i	10.2774-25.2436i	0.2608+3.0866i	8.7911-2.6187i	16.3409-28.3140i	-8.9127-4.9531i
69.1	-6.8735+6.4670i	7.8887-1.3169i	8.9401-25.5684i	0.4075+3.1457i	8.2171-3.2477i	14.5415-29.2301i	-9.1824-4.2983i
69.2	-6.4746+7.1756i	7.6072-1.9845i	7.9322-26.9975i	0.4804+3.2544i	7.8589-4.0627i	13.1177-31.5324i	-9.5750-3.6879i
69.3	-6.0322+7.5153i	7.0787-2.3336i	7.4687-27.4030i	0.4955+3.2992i	7.2893-4.4731i	12.1060-32.6410i	-10.0177-2.7858i
69.4	-5.3354+7.9742i	6.5521-2.6385i	5.2181-28.5899i	0.6550+3.5059i	6.5593-4.9038i	8.8499-34.2595i	-10.2545-1.8662i
69.5	-4.9596+7.9417i	6.2502-2.5821i	4.2726-28.9080i	0.8287+3.5229i	6.2057-4.8712i	7.3240-34.6436i	-10.3167-1.2858i
69.6	-4.3269+8.0570i	6.0127-2.6549i	2.2142-28.6533i	1.2426+3.5569i	5.7914-4.9020i	4.6472-34.2923i	-10.2933-0.0608i
69.7	-4.1363+8.3976i	6.0163-2.7636i	1.2059-29.6429i	1.4133+3.6782i	5.6612-5.1185i	3.1551-35.4718i	-10.2107+0.8792i
69.8	-3.2946+8.5554i	5.7558-2.8560i	-1.8908-29.2492i	1.9299+3.7814i	5.0697-5.1402i	-0.8511-34.8817i	-9.4426+1.9488i
69.9	-3.1891+8.7104i	5.8428-3.0338i	-2.5665-29.4470i	2.1282+3.7246i	5.1092-5.3326i	-1.8819-35.1297i	-9.0971+2.4585i
70.0	-3.1735+8.3769i	5.9512-3.0869i	-2.4014-28.3964i	2.3564+3.3794i	5.2689-5.2856i	-1.9893-33.9135i	-8.4306+2.5983i
70.1	-2.7353+8.5428i	6.0335-3.5422i	-4.5766-27.8505i	2.7928+3.1470i	5.1874-5.6655i	-4.6775-33.2473i	-8.1831+3.2637i
70.2	-2.5016+9.0230i	6.0990-4.3531i	-6.0328-27.6288i	3.1225+2.7957i	5.1306-6.4723i	-6.6993-32.8716i	-7.9921+4.0114i
70.3	-2.3138+9.2715i	5.9757-4.9527i	-6.1460-27.3323i	3.2644+2.4016i	5.0442-7.0478i	-7.2205-32.3498i	-7.4030+4.3740i
70.4	-1.7565+9.5129i	5.4968-5.7834i	-7.1288-26.0758i	3.4397+1.7401i	4.5188-7.7326i	-8.6887-30.6866i	-6.7430+5.0977i
70.5	-1.1507+10.0569i	5.0778-6.6701i	-8.7426-26.2155i	3.5978+1.1904i	3.9779-8.6297i	-10.5918-30.3624i	-6.3719+5.3907i
70.6	-0.2782+10.0158i	4.0922-7.0732i	-10.1004-24.8551i	3.3773+0.6236i	2.8879-8.9168i	-12.0565-28.3811i	-5.5869+5.4629i
70.7	0.5144+9.8987i	3.1314-7.3697i	-10.7486-23.6605i	3.0629+0.0396i	1.8479-9.1215i	-12.5511-26.6561i	-5.0745+5.2649i
70.8	1.4911+9.8684i	1.8558-7.5001i	-11.9046-23.3471i	2.5410-0.2408i	0.4642-9.2423i	-13.7694-25.8500i	-4.2686+5.6424i
70.9	2.3944+9.5359i	0.7956-7.3134i	-13.1178-22.5278i	2.1175-0.3940i	-0.6737-8.9965i	-14.9469-24.7039i	-3.6124+5.7872i
71.0	2.8804+8.7575i	0.1008-6.6913i	-13.2643-20.8043i	1.7223-0.3750i	-1.3551-8.2007i	-14.7848-22.8482i	-3.1691+5.3810i
71.1	3.0793+8.2736i	-0.3056-6.2172i	-13.6140-20.1446i	1.3929-0.3307i	-1.7707-7.6998i	-14.9891-22.1222i	-2.9390+5.1703i
71.2	3.4850+8.0115i	-0.8222-5.8728i	-14.3940-19.9898i	1.1156-0.2569i	-2.3336-7.3676i	-15.8894-21.8525i	-2.6062+5.3567i
71.3	3.7188+7.5554i	-1.2358-5.3180i	-14.5486-19.1381i	0.8268-0.0603i	-2.7517-6.7809i	-15.9806-20.8514i	-2.1274+5.3764i
71.4	3.9626+6.8938i	-1.4599-4.5310i	-15.2600-17.5642i	0.7246+0.2409i	-3.0531-5.8612i	-16.4695-18.9896i	-1.5046+5.0165i
71.5	3.7722+6.4214i	-1.3333-4.2212i	-14.5499-16.4417i	0.7194+0.2059i	-2.8215-5.4876i	-15.6316-17.9719i	-1.6665+4.6538i
71.6	3.8117+6.2849i	-1.3192-4.0002i	-14.7474-16.3139i	0.7235+0.3315i	-2.8416-5.2517i	-15.7302-17.8476i	-1.5592+4.6073i
71.7	3.7019+6.1542i	-1.2699-3.7474i	-14.8232-16.2853i	0.6538+0.4382i	-2.8260-5.0426i	-15.7751-17.7628i	-1.6097+4.4878i
71.8	3.7418+5.6134i	-1.1833-3.2092i	-15.1162-14.9254i	0.7726+0.5991i	-2.7695-4.3818i	-15.8404-16.3382i	-1.1996+4.0350i
71.9	3.6635+5.2829i	-1.0319-2.9756i	-15.1153-13.7674i	0.8774+0.6037i	-2.5906-4.0701i	-15.7164-15.2268i	-1.1387+3.7957i
72.0	3.6817+5.1532i	-1.0383-2.9737i	-14.8204-12.8935i	0.8866+0.5173i	-2.5581-3.9996i	-15.4133-14.4228i	-1.1938+3.8545i
72.1	3.6320+4.9912i	-0.9574-2.7879i	-14.6105-12.4709i	0.8995+0.5763i	-2.4832-3.7923i	-15.1211-14.0380i	-1.1197+3.7740i
72.2	3.6198+4.9209i	-0.9359-2.8365i	-14.7786-11.8794i	0.8743+0.4747i	-2.5161-3.8356i	-15.2631-13.4859i	-1.2914+3.6551i
72.3	3.8210+4.6906i	-1.0520-2.5354i	-15.1111-11.3369i	0.8506+0.6358i	-2.6810-3.4856i	-15.5249-12.9438i	-0.8290+3.6941i
72.4	3.6777+4.5931i	-0.9186-2.5329i	-14.4780-11.0332i	0.8908+0.5611i	-2.4764-3.5016i	-15.0064-12.7460i	-0.8816+3.5709i
72.5	3.4587+4.6651i	-0.7700-2.8004i	-13.4683-10.8034i	0.9324+0.2956i	-2.2040-3.7931i	-14.1407-12.6570i	-1.2474+3.6052i
72.6	3.5134+4.7045i	-0.8532-2.9978i	-13.2614-10.5240i	0.8707+0.1039i	-2.2895-4.0178i	-13.9986-12.3309i	-1.3839+3.7590i
72.7	3.5939+4.5508i	-0.8395-2.8740i	-13.6110-10.1651i	0.9328+0.1378i	-2.3305-3.8500i	-14.3777-11.9579i	-1.2117+3.5155i
72.8	3.6621+4.4767i	-0.9220-3.0247i	-13.3025-9.2924i	0.9114-0.0340i	-2.3973-3.9174i	-14.1473-11.1000i	-1.3149+3.4589i
72.9	3.6735+4.5421i	-1.0628-3.2264i	-12.9497-8.9494i	0.7647-0.2274i	-2.5305-4.1354i	-13.8000-10.7212i	-1.5131+3.6203i
73.0	3.7998+4.6753i	-1.3778-3.3744i	-12.4065-9.1186i	0.5269-0.3363i	-2.8102-4.3448i	-13.3347-10.8647i	-1.6729+4.0581i
73.1	4.0485+4.5178i	-1.6975-3.1337i	-12.4868-9.0861i	0.3212-0.2193i	-3.1989-4.1104i	-13.4301-10.7584i	-1.3604+4.3436i
73.2	4.3688+4.4201i	-2.0371-3.0078i	-13.0396-8.9484i	0.1067-0.1550i	-3.6865-3.9736i	-13.9291-10.5685i	-1.1928+4.5140i
73.3	4.4837+4.4625i	-2.2293-3.1412i	-12.9026-9.0052i	-0.0200-0.3100i	-3.8780-4.1460i	-13.8412-10.6013i	-1.3499+4.5432i
73.4	4.7059+4.4292i	-2.6505-3.1483i	-12.6549-8.8812i	-0.3417-0.3599i	-4.3243-4.1672i	-13.6070-10.4275i	-1.4469+4.9576i
73.5	4.8702+4.1465i	-2.8168-2.9167i	-12.8187-8.2885i	-0.4318-0.2719i	-4.5364-3.8559i	-13.8221-9.8315i	-1.2949+4.9744i
73.6	5.1985+3.9836i	-3.3039-2.6545i	-12.7766-8.2089i	-0.7463-0.1197i	-5.0697-3.6017i	-13.7751-9.6736i	-1.1392+5.4910i
73.7	5.4224+3.7262i	-3.6118-2.2412i	-13.1826-8.4418i	-1.0137+0.1312i	-5.5154-3.2199i	-14.0956-9.8351i	-0.8763+5.8572i
73.8	5.4813+3.4913i	-3.6051-2.0214i	-13.2412-8.1016i	-0.9922+0.2244i	-5.5409-2.9482i	-14.1007-9.4618i	-0.6567+5.7937i
73.9	5.6016+3.4129i	-3.7876-1.9809i	-12.9834-7.5266i	-1.0712+0.2369i	-5.6959-2.8356i	-13.7977-8.8572i	-0.7431+6.0074i
74.0	5.8920+3.0472i	-4.2366-1.4224i	-12.6021-7.7313i	-1.3819+0.5219i	-6.1539-2.3126i	-13.3206-9.0771i	-0.3496+6.6510i
74.1	5.9498+2.7717i	-4.3458-1.0989i	-12.2667-7.5231i	-1.4669+0.6784i	-6.2452-1.9497i	-12.9393-8.9193i	-0.1625+6.8703i
74.2	5.9892+2.5123i	-4.3890-0.7603i	-12.4818-7.0841i	-1.5289+0.8958i	-6.3578-1.5289i	-13.1045-8.5210i	0.1069+7.0418i
74.3	6.0956+2.1539i	-4.4836-0.2951i	-12.7230-7.1203i	-1.6149+1.1517i	-6.5249-1.0546i	-13.3038-8.6631i	0.5165+7.2380i
74.4	6.2678+1.8153i	-4.5653+0.1841i	-13.3549-7.1464i	-1.6862+1.4531i	-6.7541-0.5617i	-13.8934-8.7726i	1.0096+7.5094i
74.5	6.3188+1.4826i	-4.6487+0.5884i	-13.2544-7.0562i	-1.7774+1.6552i	-6.8523-0.1381i	-13.7577-8.7368i	1.2261+7.8391i
74.6	6.2563+1.2301i	-4.6141+0.9255i	-12.8811-6.8520i	-1.7730+1.8632i	-6.7854+0.2400i	-13.3994-8.6068i	1.4931+8.0417i
74.7	6.3125+0.8822i	-4.6068+1.4947i	-13.0070-6.9028i	-1.7821+2.2550i	-6.8421+0.8169i	-13.5512-8.7438i	2.0851+8.4396i
74.8	6.3130+0.4674i	-4.4486+1.9978i	-13.4444-6.3751i	-1.6627+2.5801i	-6.7732+1.4302i	-14.0699-8.2710i	2.5816+8.5334i
74.9	6.0497+0.1932i	-3.9722+2.2765i	-13.5304-6.1003i	-1.3441+2.7319i	-6.3161+1.7747i	-14.2091-8.0535i	3.1480+8.2140i

75.0	5.8229-0.2122i	-3.6284+2.8217i	-13.5649-5.9493i	-1.1617+3.0963i	-6.0026+2.3736i	-14.2661-8.0262i	4.0437+8.3316i
75.1	5.6432-0.4213i	-3.3053+3.0530i	-13.5162-5.9367i	-0.9257+3.2245i	-5.6669+2.6261i	-14.3208-8.0610i	4.5116+8.1731i
75.2	5.5398-0.6578i	-3.1050+3.2625i	-13.3552-5.5539i	-0.7768+3.3479i	-5.4566+2.9008i	-14.1909-7.7303i	4.8888+8.2260i
75.3	5.4540-0.8353i	-2.8783+3.4043i	-13.5147-5.0635i	-0.6115+3.4335i	-5.2699+3.1292i	-14.4186-7.2817i	5.1654+8.2054i
75.4	5.2589-0.9708i	-2.5160+3.4839i	-13.5800-4.5810i	-0.3417+3.4922i	-4.9174+3.3062i	-14.5705-6.8299i	5.4732+7.9669i
75.5	5.0797-1.3149i	-2.1152+3.8821i	-13.9602-4.1584i	-0.0374+3.7653i	-4.5890+3.7946i	-15.0131-6.5073i	6.3807+7.9376i
75.6	4.8551-1.5539i	-1.7246+4.1797i	-14.1996-4.2642i	0.2210+3.9343i	-4.2640+4.0932i	-15.3044-6.7193i	7.1517+7.8616i
75.7	4.5202-1.7010i	-1.1962+4.1778i	-14.1745-3.7367i	0.6058+3.8903i	-3.7307+4.2004i	-15.3854-6.2259i	7.8277+7.2795i
75.8	4.3034-1.8269i	-0.8576+4.2069i	-13.9252-3.7500i	0.8243+3.8206i	-3.3815+4.2267i	-15.1848-6.3367i	8.3415+7.1163i
75.9	4.1231-1.8643i	-0.5252+4.2287i	-14.2249-3.6414i	1.0167+3.8386i	-3.1160+4.2843i	-15.6071-6.3441i	8.8076+6.8574i
76.0	3.8971-1.9154i	-0.1598+4.1367i	-14.0446-3.4431i	1.2909+3.7038i	-2.7304+4.2332i	-15.5912-6.2335i	9.2602+6.3961i
76.1	3.6411-1.9035i	0.2081+3.8703i	-13.6848-2.9459i	1.5649+3.4263i	-2.2959+4.0513i	-15.3828-5.7052i	9.3854+5.8534i
76.2	3.3800-2.0167i	0.6423+3.8769i	-14.1083-2.4083i	1.8324+3.4392i	-1.9517+4.1746i	-16.0015-5.2661i	10.0511+5.2581i
76.3	3.2422-2.0679i	0.8735+3.7113i	-13.9676-1.6616i	2.0246+3.2750i	-1.7010+4.1410i	-16.0390-4.5358i	10.2718+4.7690i
76.4	3.1464-2.0877i	1.0213+3.5491i	-13.9283-1.1966i	2.1296+3.1273i	-1.5495+4.0939i	-16.2515-4.0941i	10.5425+4.4144i
76.5	3.0095-2.0922i	1.2046+3.4022i	-13.7571-0.9203i	2.2466+3.0151i	-1.3555+4.0050i	-16.3124-3.8308i	10.9629+4.0786i
76.6	2.9317-2.0782i	1.3015+3.1762i	-13.6320-0.6531i	2.2942+2.7953i	-1.2664+3.8288i	-16.3579-3.4897i	11.2586+3.5784i
76.7	2.7894-2.1344i	1.4882+3.0372i	-13.3679-0.3377i	2.4365+2.6040i	-1.0419+3.7470i	-16.3150-3.1395i	11.6333+2.9953i
76.8	2.6978-2.2185i	1.5921+2.9438i	-13.1213-0.0977i	2.5058+2.4484i	-0.9023+3.7133i	-16.2808-2.9112i	12.0183+2.5750i
76.9	2.5762-2.2534i	1.6930+2.8012i	-13.0417+0.1474i	2.5061+2.2785i	-0.8055+3.6325i	-16.4363-2.5758i	12.3649+1.7743i
77.0	2.5563-2.3708i	1.6153+2.7979i	-13.0414+0.4948i	2.3682+2.2267i	-0.9028+3.7053i	-16.5737-2.1357i	12.3498+1.5614i
77.1	2.5025-2.4848i	1.5751+2.7377i	-12.4555+0.7338i	2.3200+2.1100i	-0.8515+3.7040i	-16.2102-1.7842i	12.3973+0.9984i
77.2	2.2942-2.5800i	1.6975+2.7434i	-11.9607+0.9259i	2.3470+2.0997i	-0.6453+3.7593i	-15.9260-1.4469i	12.4891+0.4805i
77.3	2.1363-2.6435i	1.8482+2.7392i	-11.8847+1.1100i	2.3972+2.1162i	-0.4986+3.8032i	-16.0984-1.0664i	12.6293-0.1450i
77.4	2.0763-2.7946i	1.9377+2.7559i	-11.7326+1.4271i	2.4827+2.0885i	-0.4189+3.9167i	-16.2156-0.5782i	12.8841-0.7604i
77.5	1.7700-2.8418i	2.1677+2.6700i	-11.2475+1.7540i	2.5697+1.9952i	-0.0914+3.9060i	-15.9274+0.1267i	12.9707-1.5060i
77.6	1.5248-2.9974i	2.3224+2.7258i	-10.9333+1.7626i	2.6207+1.9867i	0.0918+3.9835i	-15.6767+0.4220i	13.0461-1.9139i
77.7	1.3108-3.0089i	2.4927+2.6487i	-10.9417+1.7556i	2.6799+1.9209i	0.2496+3.9599i	-15.7078+0.6806i	13.0995-2.5911i
77.8	1.0567-2.9992i	2.6813+2.5346i	-10.7474+1.8187i	2.7481+1.8175i	0.4668+3.9078i	-15.5064+1.0474i	13.0549-3.3395i
77.9	0.8936-3.1002i	2.8061+2.5825i	-10.3972+1.8352i	2.8138+1.8107i	0.6272+3.9808i	-15.1616+1.1311i	13.2932-3.5275i
78.0	0.7047-3.0985i	2.9564+2.4939i	-10.2128+1.9603i	2.8746+1.7240i	0.7919+3.9554i	-14.9520+1.4269i	13.1605-4.1604i
78.1	0.5326-3.0112i	3.0638+2.3190i	-9.8488+1.9168i	2.9120+1.5585i	0.9664+3.8008i	-14.5499+1.5699i	12.8031-4.8046i
78.2	0.1730-3.0311i	3.3941+2.2218i	-9.8596+2.2024i	3.0552+1.4904i	1.2813+3.8327i	-14.7005+2.0445i	12.8355-5.8681i
78.3	-0.2922-2.9760i	3.7958+2.0634i	-9.7295+2.5705i	3.2345+1.4040i	1.7225+3.8147i	-14.6592+2.6746i	12.8152-6.9950i
78.4	-0.6049-2.9237i	4.0466+1.8484i	-9.5381+2.5014i	3.3259+1.1955i	2.0078+3.6454i	-14.5049+2.8293i	12.6853-7.9840i
78.5	-0.7227-2.9069i	4.1000+1.7481i	-9.4425+2.5271i	3.3099+1.1052i	2.0673+3.6020i	-14.4225+2.9513i	12.3246-8.4006i
78.6	-1.0613-2.7099i	4.3182+1.5149i	-8.9522+2.8897i	3.3832+1.0166i	2.4119+3.5082i	-13.9377+3.5629i	11.7335-9.0210i
78.7	-1.3481-2.4786i	4.5086+1.1920i	-8.5335+2.8466i	3.4635+0.7818i	2.7229+3.2329i	-13.5261+3.7881i	11.2119-9.7559i
78.8	-1.6185-2.3790i	4.6625+0.9609i	-8.4052+2.7695i	3.4880+0.6121i	2.9382+3.0932i	-13.4762+3.9381i	10.9085-10.4047i
78.9	-1.7987-2.1430i	4.6875+0.6647i	-8.2842+2.8495i	3.3937+0.4656i	3.0381+2.8736i	-13.2787+4.2810i	9.9821-10.8871i
79.0	-2.0960-1.9054i	4.7731+0.3434i	-8.2234+3.1376i	3.3007+0.3139i	3.2475+2.6684i	-13.1128+4.8884i	9.0899-11.5259i
79.1	-2.2854-1.6339i	4.8356+0.1221i	-8.0129+3.2338i	3.2789+0.2492i	3.4516+2.4719i	-12.8367+5.1661i	8.5820-11.7106i
79.2	-2.5141-1.1629i	4.9235-0.3006i	-7.3895+3.0629i	3.3338+0.0691i	3.7533+2.0422i	-12.0896+5.2710i	7.8954-12.0866i
79.3	-2.8584-0.7930i	5.1628-0.6838i	-6.8926+2.9552i	3.4439-0.1225i	4.1861+1.6718i	-11.6036+5.4984i	7.6426-13.1061i
79.4	-2.9477-0.4281i	5.1490-1.0010i	-6.5980+2.6837i	3.3884-0.2687i	4.3006+1.2967i	-11.2015+5.4764i	7.0138-13.3647i
79.5	-2.9042+0.1292i	5.0863-1.5105i	-6.4791+2.2269i	3.3628-0.5191i	4.3174+0.6826i	-10.9012+5.3905i	6.1787-13.8277i
79.6	-2.7932+0.5423i	4.8934-1.8463i	-6.5311+2.1275i	3.2455-0.6268i	4.2007+0.2933i	-10.6755+5.4639i	5.2625-13.8729i
79.7	-2.7220+0.8773i	4.7722-2.1844i	-6.6047+2.1738i	3.1609-0.7550i	4.1416-0.0328i	-10.5493+5.7365i	4.3854-14.1094i
79.8	-2.4892+1.2321i	4.5945-2.5204i	-6.5211+1.9677i	3.1137-0.9252i	3.9924-0.4448i	-10.2712+5.6794i	3.6478-14.1631i
79.9	-2.2735+1.6780i	4.3368-2.9006i	-6.4895+1.8063i	2.9784-1.0977i	3.7918-0.9117i	-9.9103+5.6650i	2.6513-14.2873i
80.0	-2.0682+2.0083i	4.0772-3.1744i	-6.5441+1.9031i	2.8149-1.1919i	3.5755-1.2366i	-9.6398+5.8684i	1.7017-14.1542i

2.1.61 Run 6 – VT000 – Accels 1–8

Vertical shaking at 0°. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	7.5244+0.0000i	19.4395+0.0000i	-3.5341+0.0000i	13.1748+0.0000i	-1.9840+0.0000i	10.8822+0.0000i	5.7628+0.0000i	6.4757+0.0000i
0.1	1.3210+0.7265i	3.0819+1.5310i	-0.7496-0.2924i	1.9372+0.9147i	-0.3718+0.2453i	1.8540+1.6544i	0.9887+1.4782i	0.7240+0.8733i
0.2	-0.0805+0.1184i	-0.0084-0.0481i	0.0275-0.0577i	-0.0014-0.0111i	-0.0795-0.0000i	-0.2336-0.0091i	-0.3030+0.2964i	0.0983+0.0333i
0.3	-0.0462-0.0008i	-0.0231-0.0428i	0.0051-0.0221i	-0.0026-0.0150i	-0.0010+0.0233i	-0.1129+0.0514i	-0.0904+0.1017i	0.0457-0.0431i
0.4	0.0063-0.0009i	0.0036-0.0124i	0.0190-0.0023i	0.0225-0.0091i	-0.0082-0.0003i	0.0182-0.0165i	0.0334-0.0041i	0.0142+0.0016i
0.5	-0.0102+0.0022i	-0.0037-0.0207i	0.0111-0.0054i	0.0153-0.0100i	0.0004-0.0024i	0.0214-0.0047i	0.0077+0.0043i	0.0032-0.0037i
0.6	-0.0016-0.0009i	-0.0204-0.0250i	0.0116-0.0039i	-0.0041-0.0075i	0.0035+0.0006i	0.0104+0.0053i	0.0038-0.0062i	0.0071-0.0036i
0.7	0.0041+0.0020i	-0.0268-0.0215i	0.0160-0.0055i	-0.0039-0.0059i	0.0016-0.0023i	0.0094+0.0048i	0.0023-0.0035i	0.0067-0.0000i
0.8	0.0058+0.0022i	-0.0189-0.0176i	0.0210-0.0013i	-0.0019+0.0009i	-0.0008-0.0002i	-0.0001-0.0029i	-0.0021+0.0001i	-0.0013-0.0048i
0.9	0.0048+0.0031i	-0.0280-0.0083i	0.0226+0.0034i	-0.0046+0.0022i	-0.0006+0.0009i	-0.0051-0.0029i	-0.0056+0.0004i	0.0001-0.0031i
1.0	0.0064+0.0041i	-0.0433-0.0130i	0.0192+0.0049i	-0.0072-0.0002i	0.0012+0.0022i	-0.0048-0.0019i	-0.0058+0.0003i	-0.0021-0.0014i
1.1	0.0114+0.0045i	-0.0536-0.0146i	0.0246+0.0034i	-0.0122-0.0026i	0.0029+0.0033i	-0.0072-0.0013i	-0.0070-0.0004i	-0.0008-0.0000i
1.2	0.0108+0.0011i	-0.0568-0.0101i	0.0319+0.0020i	-0.0101-0.0066i	0.0034+0.0014i	-0.0054-0.0007i	-0.0077-0.0002i	-0.0009-0.0011i
1.3	0.0094+0.0014i	-0.0665-0.0043i	0.0342+0.0085i	-0.0099-0.0045i	0.0054+0.0008i	-0.0067-0.0016i	-0.0080-0.0004i	-0.0028-0.0009i
1.4	0.0120+0.0033i	-0.0902-0.0020i	0.0361+0.0122i	-0.0127-0.0011i	0.0053+0.0014i	-0.0080-0.0001i	-0.0086-0.0008i	-0.0050-0.0000i
1.5	0.0149+0.0044i	-0.1083-0.0064i	0.0353+0.0108i	-0.0161+0.0004i	0.0056+0.0000i	-0.0104-0.0003i	-0.0095-0.0012i	-0.0149+0.0102i
1.6	0.0149+0.0054i	-0.1085+0.0151i	0.0552+0.0216i	-0.0119+0.0068i	0.0098+0.0007i	-0.0146-0.0003i	-0.0119-0.0014i	0.0092+0.0147i
1.7	0.0180+0.0041i	-0.1200+0.0010i	0.0685+0.0128i	-0.0177+0.0087i	0.0144-0.0007i	-0.0175-0.0025i	-0.0124-0.0014i	0.0252+0.0021i
1.8	0.0174+0.0002i	-0.1373-0.0019i	0.0768-0.0001i	-0.0210+0.0045i	0.0212-0.0063i	-0.0225-0.0019i	-0.0125-0.0012i	0.0278-0.0054i
1.9	0.0203-0.0000i	-0.1596+0.0113i	0.0781-0.0245i	-0.0278-0.0015i	0.0262-0.0198i	-0.0349+0.0007i	-0.0151-0.0030i	0.0341-0.0192i
2.0	0.0282+0.0085i	-0.1821+0.0510i	0.0520-0.0191i	-0.0283-0.0005i	0.0187-0.0384i	-0.0667+0.0188i	-0.0182-0.0035i	0.0311-0.0387i
2.1	0.0382+0.0095i	-0.1835+0.1144i	0.0285+0.0410i	-0.0247-0.0014i	0.0039-0.0529i	-0.0898+0.1128i	-0.0212-0.0040i	0.0223-0.0682i
2.2	0.0408+0.0077i	-0.0777+0.1346i	0.1501+0.0692i	-0.0302-0.0016i	-0.0112-0.0585i	0.0787+0.1381i	-0.0246-0.0049i	-0.0219-0.0789i
2.3	0.0413+0.0093i	-0.0526+0.0776i	0.1674-0.0152i	-0.0339-0.0040i	-0.0329-0.0697i	0.1085+0.0347i	-0.0266-0.0057i	-0.0491-0.0761i
2.4	0.0475+0.0056i	-0.0409+0.0252i	0.0733-0.0049i	-0.0402-0.0007i	-0.1203-0.0169i	0.0429+0.0065i	-0.0317-0.0050i	-0.1240-0.0205i
2.5	0.0522+0.0074i	-0.1084-0.0331i	0.1212+0.0463i	-0.0418+0.0032i	-0.0529+0.0594i	0.0340+0.0082i	-0.0326-0.0004i	-0.0561+0.0542i
2.6	0.0558+0.0059i	-0.1655-0.0206i	0.1582+0.0254i	-0.0458+0.0024i	-0.0017+0.0291i	0.0295+0.0042i	-0.0347-0.0012i	-0.0076+0.0247i
2.7	0.0599+0.0039i	-0.1863-0.0098i	0.1589+0.0203i	-0.0498-0.0011i	-0.0049+0.0117i	0.0251+0.0019i	-0.0358-0.0017i	-0.0103+0.0084i
2.8	0.0649+0.0051i	-0.2012-0.0023i	0.1660+0.0180i	-0.0493-0.0056i	-0.0069+0.0060i	0.0234+0.0019i	-0.0387-0.0032i	-0.0121+0.0046i
2.9	0.0757+0.0049i	-0.2196-0.0099i	0.1785+0.0117i	-0.0637+0.0025i	-0.0095+0.0005i	0.0172+0.0017i	-0.0431-0.0024i	-0.0138+0.0012i
3.0	0.0852+0.0049i	-0.2322-0.0123i	0.1923+0.0119i	-0.0643-0.0006i	-0.0064+0.0001i	0.0159+0.0021i	-0.0484-0.0013i	-0.0128+0.0006i
3.1	0.0869+0.0010i	-0.2524-0.0282i	0.2067+0.0156i	-0.0639-0.0048i	-0.0108-0.0011i	0.0167+0.0016i	-0.0524-0.0022i	-0.0128-0.0011i
3.2	0.0823+0.0026i	-0.2740-0.0309i	0.2223+0.0133i	-0.0731-0.0118i	-0.0177+0.0024i	0.0141+0.0019i	-0.0546-0.0025i	-0.0186+0.0021i
3.3	0.0905+0.0080i	-0.2957-0.0110i	0.2344+0.0087i	-0.0776-0.0066i	-0.0114+0.0051i	0.0132+0.0037i	-0.0578-0.0039i	-0.0170+0.0083i
3.4	0.1032+0.0127i	-0.2977+0.0059i	0.2597+0.0205i	-0.0718+0.0010i	-0.0095+0.0095i	0.0167+0.0039i	-0.0640-0.0031i	-0.0151+0.0107i
3.5	0.1206+0.0189i	-0.2877+0.0132i	0.2642+0.0230i	-0.0703+0.0032i	-0.0047+0.0144i	0.0169+0.0055i	-0.0720-0.0036i	-0.0049+0.0122i
3.6	0.1360+0.0130i	-0.3157+0.0020i	0.2525+0.0220i	-0.0973-0.0048i	0.0005+0.0105i	0.0144+0.0057i	-0.0774-0.0020i	0.0090+0.0090i
3.7	0.1168-0.0047i	-0.3910-0.0119i	0.3264+0.0264i	-0.0960-0.0028i	-0.0163-0.0034i	0.0145-0.0022i	-0.0767+0.0060i	-0.0163-0.0007i
3.8	0.1287-0.0002i	-0.4156-0.0134i	0.3255+0.0196i	-0.1064-0.0027i	-0.0117-0.0013i	0.0146-0.0008i	-0.0824+0.0013i	-0.0130-0.0013i
3.9	0.1344+0.0004i	-0.4311-0.0134i	0.3347+0.0203i	-0.1135-0.0020i	-0.0107-0.0018i	0.0146+0.0009i	-0.0865-0.0003i	-0.0117-0.0015i
4.0	0.1415+0.0004i	-0.4440-0.0122i	0.3474+0.0194i	-0.1189-0.0023i	-0.0109-0.0016i	0.0160+0.0008i	-0.0915-0.0010i	-0.0117-0.0016i
4.1	0.1496+0.0005i	-0.4649-0.0143i	0.3603+0.0183i	-0.1242-0.0036i	-0.0112-0.0017i	0.0166+0.0000i	-0.0974-0.0014i	-0.0121-0.0012i
4.2	0.1602+0.0044i	-0.4948-0.0145i	0.3828+0.0185i	-0.1372-0.0046i	-0.0111-0.0017i	0.0169-0.0013i	-0.1059-0.0025i	-0.0115-0.0010i
4.3	0.1708+0.0054i	-0.5157-0.0140i	0.3991+0.0152i	-0.1464-0.0004i	-0.0103-0.0015i	0.0169-0.0022i	-0.1132-0.0027i	-0.0118-0.0016i
4.4	0.1835+0.0073i	-0.5450-0.0111i	0.4139+0.0104i	-0.1587+0.0032i	-0.0109-0.0006i	0.0161-0.0051i	-0.1226-0.0026i	-0.0100-0.0005i
4.5	0.1949+0.0080i	-0.5628-0.0135i	0.4297+0.0094i	-0.1590-0.0041i	-0.0110+0.0010i	0.0150-0.0078i	-0.1315-0.0037i	-0.0094+0.0010i
4.6	0.2066+0.0036i	-0.5926-0.0081i	0.4408+0.0160i	-0.1712+0.0065i	-0.0109-0.0021i	0.0138-0.0119i	-0.1422-0.0029i	-0.0088-0.0002i
4.7	0.2250-0.0027i	-0.6279-0.0164i	0.4489+0.0158i	-0.1915+0.0039i	-0.0119+0.0022i	0.0073-0.0201i	-0.1547+0.0002i	-0.0053+0.0017i
4.8	0.2348-0.0023i	-0.6758-0.0255i	0.4607+0.0225i	-0.2123+0.0108i	-0.0095+0.0039i	-0.0088-0.0201i	-0.1621+0.0011i	-0.0027+0.0011i
4.9	0.2442-0.0045i	-0.7143-0.0203i	0.4792+0.0478i	-0.2126+0.0021i	-0.0085+0.0008i	-0.0203+0.0026i	-0.1704-0.0008i	-0.0005+0.0001i
5.0	0.2607+0.0032i	-0.7459-0.0112i	0.5279+0.0538i	-0.2224-0.0124i	-0.0066-0.0062i	-0.0006+0.0199i	-0.1834-0.0146i	0.0026-0.0064i
5.1	0.2803+0.0080i	-0.7590-0.0176i	0.5661+0.0313i	-0.2414-0.0231i	-0.0064-0.0072i	0.0112+0.0127i	-0.2048-0.0175i	0.0010-0.0064i
5.2	0.2955+0.0070i	-0.7844-0.0076i	0.5738+0.0262i	-0.2632-0.0237i	-0.0026-0.0089i	0.0131+0.0116i	-0.2216-0.0128i	0.0061-0.0083i
5.3	0.3252+0.0034i	-0.7992+0.0183i	0.5933+0.0283i	-0.2875-0.0007i	-0.0017-0.0176i	0.0111+0.0068i	-0.2425-0.0066i	0.0091-0.0170i
5.4	0.3500+0.0002i	-0.8079+0.0341i	0.5985+0.0296i	-0.3094+0.0227i	-0.0137-0.0239i	0.0052+0.0080i	-0.2588-0.0009i	0.0070-0.0207i
5.5	0.3695-0.0121i	-0.7956+0.0196i	0.5855+0.0480i	-0.3351+0.0334i	-0.0349-0.0319i	0.0010+0.0140i	-0.2843+0.0021i	-0.0058-0.0310i
5.6	0.3903-0.0290i	-0.8236-0.0906i	0.6680+0.0953i	-0.3589+0.0067i	-0.0546-0.0009i	0.0448+0.0039i	-0.3204+0.0141i	-0.0240-0.0117i

5.7	0.4147-0.0241i	-0.9214-0.1073i	0.7135+0.0667i	-0.3970+0.0213i	-0.0415+0.0108i	0.0275-0.0267i	-0.3405+0.0191i	-0.0100+0.0037i
5.8	0.4451-0.0282i	-0.9834-0.0959i	0.7225+0.0568i	-0.4185+0.0227i	-0.0338+0.0157i	0.0053-0.0229i	-0.3691+0.0244i	0.0029+0.0049i
5.9	0.4752-0.0264i	-1.0344-0.0940i	0.7348+0.0478i	-0.4359+0.0228i	-0.0234+0.0147i	-0.0122-0.0200i	-0.3944+0.0251i	0.0158+0.0045i
6.0	0.5209-0.0180i	-1.0653-0.0637i	0.7310+0.0554i	-0.4799+0.0121i	-0.0246+0.0068i	-0.0233+0.0003i	-0.4391+0.0189i	0.0240-0.0013i
6.1	0.5710-0.0232i	-1.0751-0.0512i	0.7422+0.0747i	-0.5265+0.0161i	-0.0296+0.0090i	-0.0162+0.0175i	-0.4898+0.0257i	0.0307-0.0030i
6.2	0.6343-0.0462i	-1.0853-0.0649i	0.7698+0.1008i	-0.5868+0.0397i	-0.0274+0.0189i	0.0006+0.0245i	-0.5552+0.0530i	0.0463-0.0039i
6.3	0.6892-0.0539i	-1.0948-0.0813i	0.7853+0.1136i	-0.6393+0.0481i	-0.0243+0.0232i	0.0088+0.0218i	-0.6136+0.0633i	0.0615-0.0037i
6.4	0.7582-0.0718i	-1.1066-0.0980i	0.7966+0.1245i	-0.7044+0.0685i	-0.0206+0.0264i	0.0118+0.0186i	-0.6855+0.0847i	0.0816-0.0067i
6.5	0.8375-0.0998i	-1.1172-0.1185i	0.7998+0.1329i	-0.7803+0.0937i	-0.0153+0.0277i	0.0139+0.0158i	-0.7703+0.1151i	0.1062-0.0132i
6.6	0.9538-0.1381i	-1.1026-0.1501i	0.7828+0.1520i	-0.8915+0.1271i	-0.0131+0.0300i	0.0156+0.0116i	-0.9009+0.1590i	0.1442-0.0229i
6.7	1.0768-0.1798i	-1.0782-0.1883i	0.7548+0.1800i	-1.0074+0.1655i	-0.0081+0.0350i	0.0138+0.0081i	-1.0377+0.2079i	0.1880-0.0340i
6.8	1.2977-0.2644i	-0.9912-0.2566i	0.6702+0.2356i	-1.2161+0.2447i	-0.0033+0.0393i	0.0095+0.0075i	-1.2891+0.3062i	0.2686-0.0630i
6.9	1.6389-0.4661i	-0.8207-0.4108i	0.5053+0.3721i	-1.5463+0.4354i	0.0003+0.0500i	0.0042+0.0129i	-1.6870+0.5426i	0.3953-0.1310i
7.0	2.0416-1.0762i	-0.6218-0.8974i	0.3293+0.7930i	-1.9420+1.0126i	0.0254+0.0740i	0.0089+0.0250i	-2.1620+1.2694i	0.5646-0.3528i
7.1	1.8530-2.1315i	-0.8914-1.6929i	0.5701+1.4614i	-1.7666+2.0181i	0.0840+0.0675i	0.0269+0.0285i	-1.9314+2.5280i	0.5265-0.7767i
7.2	0.6387-2.8861i	-1.9290-2.2207i	1.4349+1.8794i	-0.6178+2.7533i	0.1232+0.0002i	0.0384+0.0017i	-0.4785+3.4340i	0.0693-1.1333i
7.3	-0.7509-2.6242i	-3.1232-2.0248i	2.3701+1.7336i	0.7088+2.5150i	0.1041-0.0628i	0.0067-0.0059i	1.1984+3.1468i	-0.5170-1.1136i
7.4	-1.1955-1.7858i	-3.5868-1.3332i	2.7820+1.2020i	1.1402+1.7152i	0.0813-0.0814i	0.0086+0.0186i	1.7638+2.1467i	-0.7619-0.8009i
7.5	-1.1694-0.9819i	-3.6397-0.6450i	2.8744+0.6288i	1.1219+0.9540i	0.0544-0.0989i	0.0263+0.0168i	1.7591+1.1752i	-0.8133-0.4734i
7.6	-0.8470-0.5635i	-3.4722-0.2999i	2.7386+0.3172i	0.8140+0.5578i	0.0322-0.0989i	0.0289+0.0071i	1.3903+0.6663i	-0.7268-0.2892i
7.7	-0.5895-0.4186i	-3.3764-0.1949i	2.6483+0.2146i	0.5671+0.4179i	0.0189-0.0915i	0.0255+0.0042i	1.1009+0.4904i	-0.6574-0.2206i
7.8	-0.4200-0.3435i	-3.3906-0.1530i	2.6508+0.1650i	0.4104+0.3433i	0.0129-0.0914i	0.0245+0.0047i	0.9243+0.4010i	-0.6313-0.1898i
7.9	-0.3188-0.3290i	-3.4849-0.1149i	2.7165+0.1235i	0.3128+0.3270i	0.0118-0.0967i	0.0258+0.0045i	0.8366+0.3763i	-0.6394-0.1793i
8.0	-0.2654-0.2836i	-3.5934-0.0379i	2.8003+0.0580i	0.2584+0.2851i	0.0031-0.1062i	0.0291+0.0012i	0.8035+0.3113i	-0.6708-0.1516i
8.1	-0.1610-0.2456i	-3.6804+0.0627i	2.8635-0.0201i	0.1544+0.2546i	-0.0048-0.1098i	0.0271+0.0004i	0.7078+0.2495i	-0.6807-0.1119i
8.2	-0.0828-0.2381i	-3.7848+0.1454i	2.9536-0.0885i	0.0793+0.2537i	-0.0114-0.1132i	0.0270+0.0002i	0.6479+0.2246i	-0.7050-0.0803i
8.3	0.0027-0.2133i	-3.9451+0.2404i	3.0740-0.1748i	-0.0096+0.2307i	-0.0271-0.1185i	0.0278-0.0031i	0.5889+0.1746i	-0.7514-0.0370i
8.4	0.0726-0.2114i	-4.0664+0.3192i	3.1651-0.2502i	-0.0845+0.2294i	-0.0350-0.1174i	0.0290-0.0067i	0.5367+0.1496i	-0.7813+0.0008i
8.5	0.1648-0.2216i	-4.2419+0.4369i	3.3032-0.3567i	-0.1756+0.2435i	-0.0455-0.1202i	0.0281-0.0096i	0.4776+0.1278i	-0.8306+0.0509i
8.6	0.2537-0.2432i	-4.4185+0.5629i	3.4520-0.4704i	-0.2627+0.2661i	-0.0511-0.1257i	0.0257-0.0121i	0.4251+0.1150i	-0.8823+0.0998i
8.7	0.3532-0.2836i	-4.6328+0.7171i	3.6318-0.6051i	-0.3611+0.3118i	-0.0580-0.1315i	0.0239-0.0147i	0.3717+0.1130i	-0.9482+0.1634i
8.8	0.4672-0.3636i	-4.9302+0.9913i	3.8673-0.8491i	-0.4830+0.3987i	-0.0690-0.1318i	0.0215-0.0178i	0.3157+0.1166i	-1.0439+0.2839i
8.9	0.5668-0.4537i	-5.1841+1.2893i	4.0858-1.1201i	-0.5915+0.4941i	-0.0734-0.1331i	0.0239-0.0187i	0.2671+0.1220i	-1.1284+0.4157i
9.0	0.6165-0.6061i	-5.2662+1.7795i	4.1373-1.5728i	-0.6408+0.6595i	-0.0859-0.1345i	0.0200-0.0240i	0.2178+0.1413i	-1.1378+0.6296i
9.1	0.6852-0.7650i	-5.3576+2.2251i	4.1962-1.9672i	-0.7089+0.8368i	-0.0842-0.1357i	0.0125-0.0294i	0.1482+0.1861i	-1.1302+0.8098i
9.2	0.8304-1.1347i	-5.7802+3.2200i	4.5568-2.8511i	-0.8669+1.2316i	-0.0945-0.1712i	0.0050-0.0347i	0.0946+0.2965i	-1.2954+1.1940i
9.3	0.5822-1.7001i	-5.0988+4.8084i	3.9071-4.2858i	-0.5993+1.8472i	-0.1481-0.1946i	-0.0113-0.0370i	0.1401+0.4439i	-1.0326+1.8681i
9.4	-0.0808-1.7885i	-3.2494+5.0257i	2.1966-4.4883i	0.1193+1.9477i	-0.2020-0.1606i	-0.0230-0.0236i	0.2912+0.4772i	-0.2389+2.0234i
9.5	-0.7197-1.5830i	-1.4757+4.4015i	0.5576-3.9268i	0.8192+1.7296i	-0.2390-0.1054i	-0.0292-0.0073i	0.4377+0.4338i	0.5534+1.8397i
9.6	-0.8984-1.1053i	-1.0212+2.9994i	0.1230-2.6551i	1.0246+1.2087i	-0.2249-0.0567i	-0.0246+0.0047i	0.4751+0.3226i	0.8340+1.2848i
9.7	-0.8626-0.7871i	-1.1943+2.0621i	0.2548-1.8106i	0.9898+0.8640i	-0.2087-0.0348i	-0.0177+0.0111i	0.4647+0.2478i	0.8341+0.8975i
9.8	-0.7797-0.5951i	-1.4968+1.5118i	0.5004-1.3116i	0.8999+0.6520i	-0.1949-0.0248i	-0.0125+0.0145i	0.4393+0.2004i	0.7681+0.6609i
9.9	-0.6784-0.4616i	-1.8439+1.1228i	0.7944-0.9556i	0.7931+0.4995i	-0.1854-0.0202i	-0.0094+0.0155i	0.4066+0.1659i	0.6781+0.4915i
10.0	-0.5849-0.3745i	-2.1638+0.8709i	1.0683-0.7112i	0.6957+0.4073i	-0.1782-0.0165i	-0.0061+0.0169i	0.3737+0.1465i	0.5950+0.3782i
10.1	-0.4835-0.3200i	-2.5361+0.6967i	1.3586-0.5469i	0.5865+0.3526i	-0.1713-0.0124i	-0.0038+0.0183i	0.3336+0.1388i	0.5047+0.3018i
10.2	-0.4046-0.3148i	-2.8617+0.6409i	1.5991-0.4977i	0.4968+0.3441i	-0.1659-0.0158i	-0.0019+0.0177i	0.3045+0.1526i	0.4324+0.2667i
10.3	-0.3524-0.3354i	-3.1286+0.6150i	1.7816-0.4902i	0.4437+0.3523i	-0.1631-0.0174i	0.0021+0.0178i	0.2918+0.1795i	0.3805+0.2493i
10.4	-0.3523-0.3437i	-3.3099+0.5871i	1.8839-0.4466i	0.4394+0.3605i	-0.1633-0.0169i	0.0026+0.0198i	0.3058+0.1950i	0.3601+0.2345i
10.5	-0.3607-0.3310i	-3.4679+0.5441i	1.9812-0.3672i	0.4474+0.3502i	-0.1647-0.0161i	0.0038+0.0229i	0.3267+0.1961i	0.3494+0.2122i
10.6	-0.3665-0.2938i	-3.6282+0.4983i	2.1165-0.2889i	0.4487+0.3105i	-0.1677-0.0150i	0.0078+0.0267i	0.3441+0.1757i	0.3336+0.1840i
10.7	-0.3545-0.2505i	-3.8116+0.4317i	2.2680-0.2125i	0.4338+0.2582i	-0.1682-0.0124i	0.0100+0.0273i	0.3478+0.1458i	0.3142+0.1565i
10.8	-0.3186-0.2024i	-4.0500+0.3619i	2.4421-0.1423i	0.3946+0.2108i	-0.1679-0.0108i	0.0126+0.0273i	0.3326+0.1166i	0.2848+0.1290i
10.9	-0.2874-0.1728i	-4.2665+0.3090i	2.5958-0.0855i	0.3512+0.1833i	-0.1661-0.0104i	0.0158+0.0272i	0.3162+0.1017i	0.2614+0.1093i
11.0	-0.2543-0.1608i	-4.4725+0.3069i	2.7400-0.0752i	0.3107+0.1715i	-0.1654-0.0105i	0.0188+0.0274i	0.2985+0.0960i	0.2368+0.1022i
11.1	-0.2268-0.1461i	-4.6781+0.2861i	2.8817-0.0642i	0.2799+0.1558i	-0.1662-0.0090i	0.0195+0.0268i	0.2839+0.0916i	0.2163+0.0965i
11.2	-0.1959-0.1341i	-4.9164+0.2679i	3.0481-0.0343i	0.2464+0.1503i	-0.1684-0.0072i	0.0224+0.0266i	0.2709+0.0864i	0.1976+0.0861i
11.3	-0.1710-0.1262i	-5.1102+0.2453i	3.1877-0.0163i	0.2192+0.1351i	-0.1682-0.0067i	0.0248+0.0261i	0.2600+0.0820i	0.1839+0.0787i
11.4	-0.1435-0.1196i	-5.3512+0.2313i	3.3644-0.0099i	0.1856+0.1221i	-0.1699-0.0077i	0.0276+0.0241i	0.2459+0.0797i	0.1671+0.0725i
11.5	-0.1212-0.1111i	-5.5713+0.2067i	3.5121+0.0154i	0.1574+0.1179i	-0.1724-0.0100i	0.0309+0.0227i	0.2345+0.0763i	0.1550+0.0666i
11.6	-0.0918-0.1010i	-5.8602+0.1720i	3.6806+0.0418i	0.1226+0.1160i	-0.1743-0.0103i	0.0325+0.0203i	0.2199+0.0721i	0.1388+0.0591i
11.7	-0.0694-0.1037i	-6.0871+0.2077i	3.8154+0.0176i	0.0983+0.1156i	-0.1763-0.0097i	0.0346+0.0195i	0.2077+0.0743i	0.1266+0.0575i
11.8	-0.0415-0.1015i	-6.3426+0.2014i	3.9849+0.0061i	0.0606+0.1195i	-0.1769-0.0092i	0.0339+0.0174i	0.1928+0.0764i	0.1119+0.0546i
11.9	-0.0156-0.1042i	-6.6533+0.2137i	4.1729+0.0081i	0.0265+0.1253i	-0.1786-0.0107i	0.0336+0.0139i	0.1773+0.0801i	0.0975+0.0521i

12.0	0.0067-0.1100i	-6.8874+0.2369i	4.3146-0.0039i	0.0028+0.1291i	-0.1800-0.0116i	0.0334+0.0141i	0.1638+0.0861i	0.0858+0.0521i
12.1	0.0309-0.1212i	-7.2137+0.2849i	4.4844-0.0473i	-0.0274+0.1429i	-0.1827-0.0128i	0.0335+0.0134i	0.1521+0.0967i	0.0737+0.0544i
12.2	0.0538-0.1348i	-7.5379+0.2529i	4.6695-0.0422i	-0.0584+0.1487i	-0.1859-0.0149i	0.0334+0.0118i	0.1396+0.1053i	0.0607+0.0541i
12.3	0.0704-0.1496i	-7.8175+0.2771i	4.8279-0.0360i	-0.0777+0.1702i	-0.1889-0.0172i	0.0338+0.0117i	0.1285+0.1161i	0.0509+0.0550i
12.4	0.0804-0.1745i	-8.1745+0.3585i	4.9906-0.0720i	-0.0877+0.1987i	-0.1933-0.0205i	0.0338+0.0112i	0.1260+0.1351i	0.0406+0.0594i
12.5	0.0813-0.1944i	-8.4697+0.4250i	5.1340-0.1079i	-0.0952+0.2139i	-0.1960-0.0224i	0.0346+0.0105i	0.1294+0.1510i	0.0347+0.0635i
12.6	0.0742-0.2075i	-8.8935+0.4800i	5.3345-0.0978i	-0.1074+0.2317i	-0.2001-0.0236i	0.0352+0.0114i	0.1356+0.1619i	0.0262+0.0653i
12.7	0.0700-0.2122i	-9.2530+0.5039i	5.5035-0.0762i	-0.1113+0.2415i	-0.2072-0.0272i	0.0346+0.0129i	0.1417+0.1673i	0.0169+0.0665i
12.8	0.0690-0.2113i	-9.5861+0.5515i	5.6498-0.0440i	-0.1143+0.2501i	-0.2122-0.0287i	0.0334+0.0157i	0.1487+0.1698i	0.0099+0.0678i
12.9	0.0662-0.2016i	-9.9488+0.6240i	5.8520+0.0156i	-0.1212+0.2374i	-0.2173-0.0285i	0.0323+0.0169i	0.1540+0.1660i	0.0031+0.0713i
13.0	0.0680-0.1946i	-10.3867+0.6529i	6.1027+0.0525i	-0.1291+0.2203i	-0.2236-0.0303i	0.0367+0.0187i	0.1542+0.1614i	-0.0035+0.0708i
13.1	0.0808-0.1829i	-10.7874+0.6442i	6.3679+0.0640i	-0.1501+0.2041i	-0.2278-0.0345i	0.0424+0.0215i	0.1483+0.1538i	-0.0075+0.0699i
13.2	0.0988-0.1818i	-11.2599+0.6543i	6.6378+0.0512i	-0.1848+0.2049i	-0.2324-0.0396i	0.0472+0.0209i	0.1372+0.1506i	-0.0137+0.0675i
13.3	0.1123-0.1921i	-11.8296+0.8105i	6.9104+0.0233i	-0.2210+0.2279i	-0.2401-0.0445i	0.0514+0.0202i	0.1272+0.1609i	-0.0265+0.0691i
13.4	0.1271-0.2045i	-12.3625+0.8896i	7.1690-0.0269i	-0.2341+0.2401i	-0.2488-0.0485i	0.0572+0.0180i	0.1189+0.1734i	-0.0349+0.0690i
13.5	0.1331-0.2175i	-12.8464+1.0020i	7.3727-0.0913i	-0.2552+0.2605i	-0.2604-0.0512i	0.0627+0.0144i	0.1184+0.1846i	-0.0458+0.0703i
13.6	0.1396-0.2481i	-13.6807+1.1342i	7.6798-0.0806i	-0.2852+0.3047i	-0.2796-0.0580i	0.0658+0.0074i	0.1189+0.2073i	-0.0691+0.0778i
13.7	0.1281-0.2725i	-14.2945+1.3194i	7.9034-0.1123i	-0.2937+0.3244i	-0.2927-0.0567i	0.0649+0.0003i	0.1274+0.2238i	-0.0791+0.0872i
13.8	0.1126-0.2882i	-14.9411+1.4119i	8.1146-0.0958i	-0.2876+0.3371i	-0.3071-0.0537i	0.0630-0.0032i	0.1445+0.2340i	-0.0813+0.0939i
13.9	0.0998-0.2917i	-15.7503+1.5378i	8.3206+0.0085i	-0.2905+0.3339i	-0.3200-0.0478i	0.0631-0.0040i	0.1543+0.2337i	-0.0877+0.1007i
14.0	0.0904-0.2929i	-16.7231+2.0166i	8.6400+0.1381i	-0.3107+0.3457i	-0.3310-0.0417i	0.0624-0.0059i	0.1561+0.2313i	-0.0931+0.1049i
14.1	0.0799-0.3055i	-17.3885+2.3423i	9.0077+0.2557i	-0.3194+0.3550i	-0.3402-0.0421i	0.0601-0.0088i	0.1633+0.2358i	-0.0982+0.1075i
14.2	0.0665-0.3081i	-18.2495+2.6181i	9.4182+0.4538i	-0.3362+0.3636i	-0.3504-0.0437i	0.0600-0.0091i	0.1735+0.2377i	-0.1070+0.1091i
14.3	0.0566-0.3030i	-19.2212+3.0458i	9.8984+0.6263i	-0.3567+0.3596i	-0.3638-0.0429i	0.0613-0.0087i	0.1805+0.2351i	-0.1179+0.1086i
14.4	0.0483-0.3045i	-20.2494+3.4125i	10.4291+0.7921i	-0.3857+0.3686i	-0.3736-0.0460i	0.0626-0.0103i	0.1805+0.2328i	-0.1286+0.1079i
14.5	0.0512-0.3168i	-21.4765+4.0138i	10.9876+0.9649i	-0.4257+0.3864i	-0.3838-0.0463i	0.0644-0.0110i	0.1709+0.2337i	-0.1443+0.1176i
14.6	0.0526-0.3695i	-22.6070+5.0337i	11.5686+1.2963i	-0.4634+0.4579i	-0.4004-0.0420i	0.0670-0.0119i	0.1619+0.2761i	-0.1575+0.1398i
14.7	-0.0128-0.4366i	-23.4088+5.9789i	12.4608+1.5472i	-0.4427+0.5231i	-0.4206-0.0435i	0.0698-0.0125i	0.2026+0.3228i	-0.1616+0.1586i
14.8	-0.1169-0.4707i	-24.0842+6.6201i	13.5525+2.0112i	-0.3859+0.5571i	-0.4441-0.0452i	0.0741-0.0144i	0.2755+0.3443i	-0.1561+0.1566i
14.9	-0.2242-0.4345i	-24.9074+7.2470i	15.1014+1.9160i	-0.3470+0.5575i	-0.4653-0.0394i	0.0735-0.0218i	0.3392+0.3159i	-0.1604+0.1544i
15.0	-0.3205-0.3893i	-26.1326+7.2736i	16.4504+1.6307i	-0.3313+0.5120i	-0.4874-0.0395i	0.0688-0.0217i	0.3996+0.2807i	-0.1803+0.1437i
15.1	-0.3607-0.3290i	-27.5846+7.3633i	17.1700+1.3005i	-0.3371+0.4567i	-0.4999-0.0392i	0.0722-0.0208i	0.4216+0.2374i	-0.1877+0.1348i
15.2	-0.3983-0.2216i	-30.7651+8.0544i	17.9963+0.6014i	-0.3747+0.3817i	-0.5202-0.0316i	0.0807-0.0240i	0.4339+0.1539i	-0.2152+0.1336i
15.3	-0.4131-0.1516i	-33.7931+9.6425i	18.6657+0.5101i	-0.4532+0.3513i	-0.5427-0.0290i	0.0855-0.0269i	0.4262+0.0945i	-0.2457+0.1420i
15.4	-0.4304-0.1003i	-37.8137+11.0826i	19.2206+1.1680i	-0.5411+0.3100i	-0.5681-0.0367i	0.0932-0.0310i	0.4244+0.0477i	-0.2855+0.1368i
15.5	-0.4300-0.0621i	-41.7592+14.4659i	20.2139+2.3533i	-0.6575+0.3001i	-0.5942-0.0425i	0.0990-0.0430i	0.4054+0.0023i	-0.3240+0.1487i
15.6	-0.4423-0.0286i	-44.8012+20.0886i	22.5767+4.3834i	-0.8100+0.3313i	-0.6259-0.0377i	0.1014-0.0582i	0.3691-0.0459i	-0.3690+0.1846i
15.7	-0.4743-0.0262i	-47.8261+27.3475i	27.0337+8.0346i	-0.9894+0.3589i	-0.6680-0.0346i	0.1070-0.0725i	0.3314-0.0825i	-0.4376+0.2068i
15.8	-0.5153-0.0294i	-46.1540+34.4207i	34.5513+8.6590i	-1.1586+0.5001i	-0.7083-0.0377i	0.1028-0.0845i	0.2629-0.0835i	-0.4846+0.2471i
15.9	-0.5943-0.0251i	-43.9699+40.4209i	42.7152+6.7043i	-1.3007+0.7102i	-0.7486-0.0451i	0.0981-0.0946i	0.2047-0.0554i	-0.5189+0.3084i
16.0	-0.7361+0.0121i	-41.5722+45.1550i	51.8024+1.2584i	-1.4151+0.9876i	-0.7934-0.0604i	0.0902-0.1099i	0.1683-0.0245i	-0.5206+0.3807i
16.1	-0.9219+0.1327i	-40.3134+49.1934i	59.7332-6.7962i	-1.4634+1.2577i	-0.8750-0.0978i	0.0809-0.1272i	0.1642-0.0263i	-0.5321+0.4247i
16.2	-1.0917+0.3259i	-40.8945+53.6250i	67.1120-16.9476i	-1.5342+1.4870i	-1.0062-0.1506i	0.0789-0.1523i	0.1442-0.0426i	-0.5940+0.4529i
16.3	-1.1944+0.5476i	-41.2507+59.6880i	71.2512-29.3849i	-1.5994+1.8051i	-1.1688-0.1678i	0.0654-0.1895i	0.0950-0.0442i	-0.6505+0.5307i
16.4	-1.2417+0.8645i	-38.9975+71.7926i	70.8165-48.0291i	-1.4859+2.4082i	-1.4202-0.0842i	0.0063-0.2184i	0.0279+0.0579i	-0.6893+0.6608i
16.5	-1.2694+1.1131i	-31.5760+84.6784i	65.0163-64.8733i	-1.0538+2.9600i	-1.6839+0.0520i	-0.0584-0.2127i	0.0991+0.2230i	-0.7333+0.7986i
16.6	-1.3449+1.5457i	-14.1478+91.0959i	51.5612-79.2785i	-0.2066+3.1658i	-1.9385+0.3597i	-0.1265-0.1787i	0.3386+0.1918i	-0.6607+0.9722i
16.7	-1.1554+2.0780i	-4.8822+90.7009i	39.0350-87.7468i	0.2353+2.9489i	-2.1213+0.7546i	-0.1453-0.1204i	0.3599+0.0336i	-0.6914+1.0385i
16.8	-0.6418+2.5149i	6.7551+92.7920i	21.9672-94.5486i	0.5800+2.7981i	-2.1752+1.3097i	-0.1504-0.0357i	0.2990-0.0202i	-0.7675+1.2205i
16.9	-0.0750+2.7096i	22.0335+92.1705i	2.2897-97.6970i	0.9968+2.7527i	-1.9602+1.8536i	-0.1453+0.0284i	0.2736-0.0195i	-0.6504+1.5453i
17.0	0.4160+2.5642i	37.0833+83.3238i	-16.2406-89.1654i	1.4760+2.4351i	-1.4510+2.2622i	-0.1065+0.0581i	0.3349-0.0492i	-0.2941+1.8502i
17.1	0.6360+2.5267i	43.3358+71.8241i	-24.8244-80.5419i	1.7169+1.9413i	-0.9885+2.4624i	-0.0509+0.0831i	0.3601-0.1639i	0.0616+1.9258i
17.2	1.1598+2.6125i	48.9564+64.6795i	-37.7140-76.5828i	1.8084+1.5927i	-0.4745+2.7235i	0.0405+0.1040i	0.2323-0.2449i	0.3744+2.0188i
17.3	1.5388+2.2632i	53.0150+55.6974i	-46.4653-62.8735i	1.8368+1.3041i	0.0835+2.5437i	0.0652+0.0641i	0.1468-0.2155i	0.7765+1.8817i
17.4	1.5654+1.9568i	52.8841+46.1707i	-45.2688-49.5621i	1.7848+0.9424i	0.4027+2.1733i	0.0680+0.0174i	0.1438-0.2188i	1.0240+1.5681i
17.5	1.6316+1.8258i	51.6418+38.9292i	-43.6831-42.2720i	1.6689+0.6715i	0.5788+1.9077i	0.0771+0.0026i	0.1113-0.2376i	1.1284+1.3100i
17.6	1.7656+1.7008i	48.9898+32.8732i	-42.4988-35.7572i	1.4596+0.4251i	0.7023+1.6148i	0.0741-0.0364i	0.0430-0.2614i	1.1576+1.0457i
17.7	1.8739+1.5306i	47.2594+28.5552i	-41.0738-30.2001i	1.2785+0.3099i	0.7602+1.3880i	0.0639-0.0579i	-0.0173-0.2326i	1.1429+0.8612i
17.8	1.9688+1.3553i	45.8859+24.0986i	-39.6093-25.2023i	1.1228+0.2234i	0.7999+1.1712i	0.0431-0.0675i	-0.0665-0.2018i	1.1259+0.6885i
17.9	2.0162+1.1851i	44.0102+20.3258i	-38.0617-21.1844i	1.0083+0.1659i	0.7966+0.9880i	0.0338-0.0734i	-0.0862-0.1560i	1.0776+0.5462i
18.0	2.0186+1.0604i	41.8300+17.8166i	-36.2391-18.2681i	0.9095+0.1251i	0.7537+0.8500i	0.0274-0.0746i	-0.0946-0.1354i	1.0179+0.4564i
18.1	2.0099+0.9606i	39.7050+15.8969i	-34.2797-15.8858i	0.8075+0.1046i	0.6954+0.7459i	0.0223-0.0746i	-0.1048-0.1224i	0.9557+0.3906i
18.2	2.0132+0.8485i	37.4609+13.6636i	-31.7649-13.2681i	0.6874+0.0759i	0.6311+0.6256i	0.0093-0.0719i	-0.1261-0.1063i	0.8758+0.3103i

18.3	2.0210+0.7600i	35.9291+12.2922i	-30.0430-11.7492i	0.6031+0.0804i	0.5803+0.5549i	-0.0006-0.0700i	-0.1441-0.0809i	0.8131+0.2640i
18.4	2.0366+0.6730i	34.6366+11.0136i	-28.6639-10.5557i	0.5215+0.0905i	0.5299+0.4985i	-0.0074-0.0687i	-0.1636-0.0480i	0.7590+0.2337i
18.5	2.0296+0.5433i	33.0799+9.5912i	-26.9997-9.4519i	0.4522+0.1361i	0.4582+0.4363i	-0.0148-0.0578i	-0.1652+0.0095i	0.6877+0.2174i
18.6	1.9331+0.4258i	31.2877+8.2234i	-25.8030-8.3509i	0.4772+0.1903i	0.3880+0.3980i	-0.0089-0.0428i	-0.1006+0.0507i	0.6476+0.2184i
18.7	1.8386+0.4231i	29.7482+7.6457i	-24.5796-7.5662i	0.4985+0.1607i	0.3304+0.3868i	-0.0009-0.0404i	-0.0590+0.0193i	0.6252+0.2169i
18.8	1.8147+0.4476i	28.2462+7.1687i	-23.1010-6.7506i	0.4435+0.0939i	0.2704+0.3670i	0.0007-0.0453i	-0.0667-0.0266i	0.5843+0.2009i
18.9	1.8258+0.4391i	27.1174+6.7643i	-22.0191-6.2077i	0.3794+0.0731i	0.2262+0.3609i	-0.0007-0.0477i	-0.0874-0.0333i	0.5452+0.1903i
19.0	1.8391+0.4210i	26.3171+6.4860i	-21.2463-5.7982i	0.3359+0.0789i	0.1930+0.3646i	-0.0041-0.0497i	-0.1011-0.0290i	0.5131+0.1885i
19.1	1.8468+0.3994i	25.3967+6.0980i	-20.3404-5.3548i	0.2914+0.0801i	0.1523+0.3706i	-0.0010-0.0468i	-0.1174-0.0265i	0.4818+0.1951i
19.2	1.8618+0.3808i	24.5766+5.5993i	-19.4936-4.9086i	0.2474+0.0827i	0.1102+0.3717i	-0.0033-0.0419i	-0.1318-0.0244i	0.4452+0.2023i
19.3	1.8678+0.3552i	23.7046+5.2829i	-18.6652-4.6024i	0.2058+0.0849i	0.0629+0.3775i	-0.0018-0.0412i	-0.1468-0.0187i	0.4118+0.2131i
19.4	1.8695+0.3323i	22.8543+4.9869i	-17.9046-4.3056i	0.1609+0.0879i	0.0263+0.3950i	-0.0052-0.0423i	-0.1583-0.0112i	0.3864+0.2273i
19.5	1.8659+0.3151i	22.2214+4.9041i	-17.3355-4.1994i	0.1469+0.0996i	0.0088+0.4300i	-0.0059-0.0408i	-0.1603-0.0050i	0.3735+0.2505i
19.6	1.8720+0.3056i	21.5558+4.7107i	-16.6998-4.0529i	0.1230+0.1079i	-0.0269+0.4715i	-0.0050-0.0385i	-0.1693-0.0011i	0.3479+0.2780i
19.7	1.8769+0.2972i	20.9519+4.6207i	-16.1435-3.9876i	0.0913+0.1096i	-0.0402+0.5048i	-0.0027-0.0371i	-0.1798+0.0048i	0.3351+0.3023i
19.8	1.8818+0.2827i	20.3293+4.5454i	-15.5694-3.9279i	0.0631+0.1160i	-0.0523+0.5494i	-0.0033-0.0365i	-0.1909+0.0110i	0.3281+0.3349i
19.9	1.8868+0.2654i	19.7984+4.4675i	-15.1014-3.8197i	0.0447+0.1338i	-0.0590+0.6018i	-0.0031-0.0379i	-0.1977+0.0205i	0.3218+0.3713i
20.0	1.9013+0.2583i	19.4427+4.3584i	-14.8181-3.6793i	0.0229+0.1490i	-0.0513+0.6542i	-0.0024-0.0274i	-0.2043+0.0308i	0.3246+0.4021i
20.1	1.9035+0.2510i	19.0178+4.3513i	-14.4044-3.5999i	0.0165+0.1589i	-0.0152+0.7206i	-0.0032-0.0370i	-0.2022+0.0362i	0.3420+0.4501i
20.2	1.9124+0.2458i	18.6732+4.3557i	-14.0560-3.5089i	0.0030+0.1617i	0.0247+0.7758i	-0.0046-0.0401i	-0.2046+0.0423i	0.3654+0.4872i
20.3	1.9273+0.2551i	18.4362+4.3444i	-13.8247-3.5170i	-0.0051+0.1551i	0.0775+0.8207i	-0.0054-0.0257i	-0.2085+0.0422i	0.4001+0.5144i
20.4	1.9522+0.2666i	18.1350+4.2445i	-13.5417-3.4767i	-0.0368+0.1517i	0.1475+0.8527i	0.0011-0.0247i	-0.2173+0.0349i	0.4419+0.5418i
20.5	1.9774+0.2688i	17.9092+4.1616i	-13.3173-3.4132i	-0.0576+0.1527i	0.2103+0.8701i	0.0043-0.0297i	-0.2295+0.0336i	0.4784+0.5574i
20.6	2.0185+0.2610i	17.7411+3.9613i	-13.1323-3.2791i	-0.0758+0.1589i	0.2951+0.8513i	0.0032-0.0207i	-0.2447+0.0420i	0.5257+0.5556i
20.7	2.0557+0.2464i	17.5386+3.8310i	-12.9637-3.1872i	-0.1142+0.1628i	0.3676+0.8249i	0.0065-0.0136i	-0.2612+0.0525i	0.5721+0.5512i
20.8	2.0884+0.2095i	17.2949+3.6945i	-12.8358-3.0840i	-0.1265+0.1868i	0.4292+0.7867i	0.0254-0.0117i	-0.2708+0.0687i	0.6149+0.5344i
20.9	2.1247+0.1874i	17.1130+3.4967i	-12.6959-2.8408i	-0.1519+0.2021i	0.4916+0.7354i	0.0405-0.0229i	-0.2794+0.0783i	0.6554+0.5095i
21.0	2.1494+0.1543i	16.7966+3.2661i	-12.3953-2.5953i	-0.1834+0.2154i	0.5352+0.6609i	0.0407-0.0367i	-0.2899+0.0937i	0.6875+0.4744i
21.1	2.1689+0.1354i	16.6173+3.1991i	-12.2599-2.5250i	-0.1880+0.2168i	0.5492+0.6246i	0.0409-0.0420i	-0.2963+0.1023i	0.7031+0.4534i
21.2	2.1902+0.0947i	16.3217+3.0338i	-12.0066-2.3405i	-0.1965+0.2369i	0.5550+0.5683i	0.0450-0.0454i	-0.2994+0.1213i	0.7098+0.4244i
21.3	2.2094+0.0542i	16.0753+2.8775i	-11.8078-2.1776i	-0.2070+0.2708i	0.5619+0.5186i	0.0513-0.0470i	-0.3045+0.1411i	0.7159+0.4031i
21.4	2.2214+0.0039i	15.8129+2.6989i	-11.5435-2.0306i	-0.2236+0.2978i	0.5660+0.4608i	0.0359-0.0550i	-0.3074+0.1649i	0.7256+0.3773i
21.5	2.2160-0.0324i	15.5957+2.5330i	-11.3377-1.8217i	-0.2186+0.3191i	0.5650+0.4106i	0.0359-0.0747i	-0.2982+0.1827i	0.7371+0.3499i
21.6	2.2112-0.0616i	15.3723+2.3623i	-11.1042-1.7065i	-0.2138+0.3245i	0.5561+0.3678i	0.0336-0.0749i	-0.2890+0.1963i	0.7393+0.3326i
21.7	2.2080-0.0897i	15.1297+2.2933i	-10.8872-1.5999i	-0.2133+0.3437i	0.5467+0.3475i	0.0398-0.0773i	-0.2792+0.2112i	0.7458+0.3292i
21.8	2.1775-0.1193i	14.8622+2.2210i	-10.6360-1.4875i	-0.1854+0.3657i	0.5302+0.3109i	0.0388-0.0887i	-0.2574+0.2218i	0.7535+0.3091i
21.9	2.1481-0.1361i	14.6033+2.1395i	-10.3834-1.4419i	-0.1522+0.3700i	0.5051+0.2732i	0.0288-0.0847i	-0.2333+0.2215i	0.7548+0.2917i
22.0	2.1271-0.1333i	14.3659+2.0572i	-10.1399-1.4241i	-0.1460+0.3554i	0.4906+0.2508i	0.0155-0.0888i	-0.2189+0.2119i	0.7643+0.2775i
22.1	2.1095-0.1229i	14.1612+2.0346i	-9.9329-1.3880i	-0.1434+0.3402i	0.4691+0.2353i	0.0096-0.0949i	-0.2065+0.2046i	0.7637+0.2631i
22.2	2.1002-0.1121i	13.9124+1.9783i	-9.7222-1.3245i	-0.1374+0.3371i	0.4467+0.2189i	0.0034-0.0899i	-0.1999+0.1911i	0.7614+0.2421i
22.3	2.0978-0.0957i	13.7502+1.8786i	-9.5434-1.2416i	-0.1310+0.3099i	0.4311+0.2051i	-0.0025-0.0928i	-0.1960+0.1791i	0.7624+0.2282i
22.4	2.0946-0.0710i	13.5100+1.7950i	-9.3320-1.2122i	-0.1321+0.2822i	0.4122+0.1828i	-0.0071-0.0755i	-0.1911+0.1580i	0.7702+0.2103i
22.5	2.0986-0.0530i	13.3286+1.8130i	-9.1765-1.2374i	-0.1433+0.2592i	0.3984+0.1753i	0.0013-0.0731i	-0.1940+0.1421i	0.7709+0.1975i
22.6	2.1119-0.0367i	13.1107+1.7524i	-9.0115-1.2118i	-0.1569+0.2431i	0.3781+0.1612i	0.0107-0.0700i	-0.2017+0.1281i	0.7650+0.1797i
22.7	2.1316-0.0081i	12.8868+1.6983i	-8.8593-1.1855i	-0.1733+0.2149i	0.3577+0.1515i	0.0237-0.0668i	-0.2098+0.1116i	0.7574+0.1656i
22.8	2.1559+0.0007i	12.7145+1.6900i	-8.7153-1.1631i	-0.2015+0.2051i	0.3442+0.1478i	0.0341-0.0799i	-0.2227+0.1019i	0.7540+0.1540i
22.9	2.1800+0.0177i	12.5221+1.7164i	-8.5871-1.1334i	-0.2230+0.2008i	0.3285+0.1417i	0.0576-0.1053i	-0.2390+0.0896i	0.7492+0.1434i
23.0	2.2089+0.0182i	12.3687+1.6554i	-8.4596-1.0618i	-0.2367+0.1826i	0.3151+0.1345i	0.0574-0.1310i	-0.2582+0.0860i	0.7473+0.1339i
23.1	2.2295+0.0287i	12.2245+1.6220i	-8.3047-1.0013i	-0.2505+0.1696i	0.3041+0.1292i	0.0417-0.1611i	-0.2706+0.0798i	0.7460+0.1257i
23.2	2.2563+0.0439i	12.0850+1.6022i	-8.1653-0.9732i	-0.2778+0.1633i	0.2926+0.1198i	0.0196-0.1714i	-0.2863+0.0706i	0.7461+0.1157i
23.3	2.2829+0.0499i	11.9041+1.6287i	-7.9724-0.9787i	-0.3071+0.1634i	0.2746+0.1127i	-0.0093-0.1838i	-0.3034+0.0664i	0.7381+0.1081i
23.4	2.3117+0.0505i	11.8080+1.6023i	-7.8569-0.9525i	-0.3397+0.1698i	0.2616+0.1114i	-0.0333-0.1881i	-0.3192+0.0662i	0.7343+0.1023i
23.5	2.3424+0.0475i	11.7083+1.5390i	-7.7412-0.8928i	-0.3627+0.1664i	0.2526+0.1098i	-0.0469-0.1720i	-0.3391+0.0686i	0.7349+0.0956i
23.6	2.3702+0.0448i	11.5551+1.5266i	-7.5970-0.8688i	-0.3830+0.1656i	0.2395+0.1064i	-0.0531-0.1691i	-0.3563+0.0730i	0.7304+0.0888i
23.7	2.4103+0.0416i	11.4251+1.4829i	-7.4870-0.9133i	-0.4092+0.1583i	0.2266+0.1034i	-0.0871-0.1554i	-0.3761+0.0777i	0.7245+0.0852i
23.8	2.4349+0.0402i	11.3279+1.4649i	-7.4075-0.9287i	-0.4229+0.1621i	0.2207+0.0973i	-0.0991-0.1340i	-0.3881+0.0787i	0.7262+0.0868i
23.9	2.4629+0.0339i	11.2100+1.4248i	-7.2515-0.8808i	-0.4292+0.1791i	0.2050+0.0942i	-0.1120-0.1222i	-0.4024+0.0852i	0.7232+0.0738i
24.0	2.4749+0.0296i	11.0992+1.4228i	-7.1484-0.8726i	-0.4409+0.1798i	0.1941+0.0893i	-0.1174-0.1151i	-0.4091+0.0895i	0.7234+0.0710i
24.1	2.4969+0.0359i	10.9466+1.4356i	-7.0046-0.9049i	-0.4659+0.1708i	0.1796+0.0847i	-0.1218-0.1016i	-0.4212+0.0881i	0.7228+0.0660i
24.2	2.5245+0.0350i	10.8325+1.3966i	-6.9076-0.9165i	-0.4811+0.1692i	0.1682+0.0858i	-0.1317-0.0838i	-0.4355+0.0890i	0.7213+0.0669i
24.3	2.5519+0.0370i	10.7373+1.3800i	-6.8439-0.8892i	-0.4991+0.1744i	0.1570+0.0846i	-0.1291-0.0684i	-0.4478+0.0921i	0.7241+0.0635i
24.4	2.5688+0.0315i	10.6126+1.3799i	-6.7512-0.8570i	-0.5133+0.1746i	0.1450+0.0828i	-0.1238-0.0583i	-0.4584+0.0971i	0.7249+0.0541i
24.5	2.5959+0.0346i	10.5074+1.3903i	-6.6415-0.8635i	-0.5420+0.1692i	0.1333+0.0867i	-0.1193-0.0524i	-0.4758+0.0947i	0.7253+0.0546i

24.6	2.6370+0.0453i	10.3877+1.3755i	-6.5210-0.8716i	-0.5719+0.1690i	0.1192+0.0887i	-0.1160-0.0449i	-0.4989+0.0941i	0.7245+0.0508i
24.7	2.6681+0.0502i	10.2706+1.3343i	-6.4481-0.8107i	-0.5994+0.1668i	0.1089+0.0902i	-0.1080-0.0428i	-0.5153+0.0971i	0.7281+0.0433i
24.8	2.7074+0.0522i	10.1684+1.3247i	-6.3387-0.8247i	-0.6183+0.1674i	0.0997+0.0944i	-0.1004-0.0392i	-0.5355+0.1037i	0.7271+0.0357i
24.9	2.7421+0.0421i	10.0839+1.3332i	-6.2642-0.8558i	-0.6454+0.1732i	0.0916+0.0971i	-0.0950-0.0355i	-0.5522+0.1118i	0.7266+0.0309i
25.0	2.7830+0.0368i	10.0026+1.3383i	-6.1680-0.8427i	-0.6711+0.1825i	0.0820+0.0969i	-0.0969-0.0327i	-0.5738+0.1221i	0.7241+0.0232i
25.1	2.8168+0.0264i	9.9000+1.3407i	-6.0383-0.8520i	-0.6850+0.1851i	0.0736+0.1040i	-0.0966-0.0292i	-0.5923+0.1317i	0.7227+0.0185i
25.2	2.8495+0.0128i	9.8252+1.3293i	-5.9860-0.8722i	-0.7025+0.1966i	0.0691+0.1108i	-0.0920-0.0265i	-0.6051+0.1474i	0.7220+0.0172i
25.3	2.8699+0.0087i	9.7207+1.3261i	-5.9452-0.8730i	-0.7179+0.2190i	0.0608+0.1131i	-0.0902-0.0251i	-0.6157+0.1564i	0.7202+0.0166i
25.4	2.9059-0.0021i	9.6238+1.2681i	-5.8838-0.8925i	-0.7605+0.2223i	0.0579+0.1129i	-0.0885-0.0238i	-0.6331+0.1648i	0.7152+0.0105i
25.5	2.9473-0.0121i	9.5401+1.2996i	-5.8143-0.8957i	-0.7939+0.2345i	0.0503+0.1164i	-0.0863-0.0243i	-0.6560+0.1759i	0.7140+0.0087i
25.6	2.9861-0.0176i	9.4173+1.3330i	-5.7279-0.8543i	-0.8014+0.2518i	0.0453+0.1182i	-0.0816-0.0239i	-0.6764+0.1862i	0.7179+0.0101i
25.7	3.0188-0.0289i	9.3614+1.2760i	-5.6706-0.8597i	-0.8221+0.2433i	0.0382+0.1161i	-0.0808-0.0200i	-0.6966+0.1940i	0.7198+0.0110i
25.8	3.0496-0.0439i	9.2512+1.2394i	-5.5961-0.8499i	-0.8561+0.2531i	0.0308+0.1123i	-0.0790-0.0176i	-0.7134+0.2066i	0.7243+0.0127i
25.9	3.0933-0.0530i	9.1627+1.2059i	-5.5303-0.8332i	-0.8915+0.2673i	0.0216+0.1107i	-0.0781-0.0130i	-0.7373+0.2207i	0.7269+0.0127i
26.0	3.1232-0.0664i	9.0916+1.2281i	-5.4563-0.8196i	-0.9008+0.3020i	0.0066+0.1158i	-0.0781-0.0099i	-0.7605+0.2414i	0.7304+0.0083i
26.1	3.1625-0.0960i	9.0001+1.2418i	-5.3978-0.8324i	-0.9251+0.3419i	-0.0069+0.1245i	-0.0763-0.0065i	-0.7878+0.2742i	0.7394+0.0033i
26.2	3.2024-0.1356i	8.9175+1.2534i	-5.3494-0.8533i	-0.9425+0.3509i	-0.0077+0.1333i	-0.0759-0.0037i	-0.8031+0.3106i	0.7420-0.0015i
26.3	3.2211-0.1705i	8.8125+1.2357i	-5.3293-0.8575i	-0.9573+0.3848i	-0.0093+0.1396i	-0.0735+0.0039i	-0.8062+0.3473i	0.7394-0.0070i
26.4	3.2280-0.2202i	8.6556+1.2008i	-5.3169-0.8132i	-0.9645+0.4412i	-0.0175+0.1458i	-0.0607+0.0135i	-0.7899+0.4008i	0.7349-0.0124i
26.5	3.2178-0.2336i	8.5793+1.2438i	-5.3006-0.7859i	-0.9447+0.4395i	-0.0159+0.1496i	-0.0475+0.0147i	-0.7641+0.4170i	0.7337-0.0119i
26.6	3.2225-0.2168i	8.5150+1.3057i	-5.2680-0.7454i	-0.9277+0.4280i	-0.0152+0.1450i	-0.0308+0.0107i	-0.7381+0.4094i	0.7349-0.0108i
26.7	3.2366-0.1988i	8.4505+1.3395i	-5.2093-0.6779i	-0.9245+0.4194i	-0.0119+0.1385i	-0.0196+0.0045i	-0.7258+0.3935i	0.7366-0.0022i
26.8	3.2596-0.1956i	8.3963+1.3846i	-5.1471-0.6028i	-0.9320+0.4271i	-0.0243+0.1368i	-0.0147-0.0054i	-0.7355+0.3803i	0.7439+0.0028i
26.9	3.2903-0.1932i	8.3204+1.3721i	-5.0644-0.5338i	-0.9713+0.4123i	-0.0345+0.1342i	-0.0075-0.0144i	-0.7563+0.3752i	0.7537+0.0024i
27.0	3.3207-0.1940i	8.3060+1.3997i	-4.9966-0.5275i	-0.9829+0.4091i	-0.0381+0.1334i	-0.0023-0.0195i	-0.7756+0.3779i	0.7621+0.0012i
27.1	3.3626-0.2044i	8.2255+1.4265i	-4.9240-0.4869i	-1.0193+0.4283i	-0.0471+0.1290i	0.0080-0.0282i	-0.7923+0.3815i	0.7742-0.0015i
27.2	3.3924-0.2140i	8.1656+1.4496i	-4.8428-0.4427i	-1.0270+0.4325i	-0.0587+0.1316i	0.0159-0.0375i	-0.8063+0.3889i	0.7803-0.0035i
27.3	3.4168-0.2065i	8.0654+1.4627i	-4.7326-0.3612i	-1.0495+0.4099i	-0.0692+0.1307i	0.0296-0.0563i	-0.8263+0.3943i	0.7822-0.0050i
27.4	3.4637-0.1960i	8.0288+1.4803i	-4.6527-0.3194i	-1.0982+0.4139i	-0.0768+0.1302i	0.0401-0.0766i	-0.8485+0.3935i	0.7853-0.0016i
27.5	3.5192-0.2108i	8.0234+1.5481i	-4.5630-0.3184i	-1.1288+0.4368i	-0.0952+0.1331i	0.0391-0.0990i	-0.8771+0.4016i	0.7962+0.0037i
27.6	3.5571-0.2384i	7.9591+1.6098i	-4.4559-0.2731i	-1.1480+0.4624i	-0.1151+0.1376i	0.0365-0.1356i	-0.9043+0.4267i	0.8064+0.0071i
27.7	3.5949-0.2689i	7.9448+1.6454i	-4.3374-0.1805i	-1.1630+0.4923i	-0.1301+0.1441i	0.0175-0.1762i	-0.9255+0.4581i	0.8225+0.0038i
27.8	3.6296-0.2767i	7.9826+1.7042i	-4.1606-0.1586i	-1.1703+0.4870i	-0.1422+0.1519i	-0.0184-0.2157i	-0.9411+0.4763i	0.8371+0.0022i
27.9	3.6531-0.2872i	8.0175+1.7121i	-3.9985-0.1587i	-1.1782+0.5093i	-0.1503+0.1599i	-0.0647-0.2356i	-0.9542+0.4916i	0.8499+0.0015i
28.0	3.7031-0.3129i	8.1002+1.6755i	-3.8481-0.1721i	-1.2119+0.5434i	-0.1612+0.1709i	-0.1190-0.2317i	-0.9864+0.5098i	0.8688-0.0018i
28.1	3.7495-0.3495i	8.0969+1.5869i	-3.7103-0.2535i	-1.2611+0.5829i	-0.1715+0.1761i	-0.1617-0.2022i	-1.0100+0.5438i	0.8850-0.0085i
28.2	3.7645-0.3986i	8.0628+1.5104i	-3.5880-0.3253i	-1.2636+0.6212i	-0.1854+0.1791i	-0.1894-0.1765i	-1.0155+0.5844i	0.9044-0.0081i
28.3	3.7486-0.4204i	8.0351+1.4672i	-3.4901-0.4377i	-1.2242+0.6460i	-0.2003+0.1919i	-0.2086-0.1434i	-1.0076+0.6102i	0.9294-0.0186i
28.4	3.7729-0.4097i	7.9517+1.4508i	-3.4413-0.5161i	-1.2482+0.6526i	-0.2098+0.2132i	-0.2195-0.1127i	-1.0096+0.6143i	0.9439-0.0402i
28.5	3.8284-0.4048i	7.8972+1.3819i	-3.3938-0.5476i	-1.2972+0.6420i	-0.2181+0.2203i	-0.2243-0.0886i	-1.0393+0.6212i	0.9611-0.0519i
28.6	3.8800-0.4244i	7.8622+1.3327i	-3.3598-0.6136i	-1.3322+0.6579i	-0.2290+0.2314i	-0.2235-0.0633i	-1.0685+0.6463i	0.9770-0.0670i
28.7	3.9369-0.4365i	7.8179+1.2991i	-3.3066-0.6805i	-1.3409+0.6699i	-0.2392+0.2426i	-0.2231-0.0406i	-1.1011+0.6753i	0.9968-0.0829i
28.8	3.9842-0.4690i	7.7414+1.2700i	-3.2971-0.7213i	-1.3858+0.6929i	-0.2452+0.2551i	-0.2151-0.0259i	-1.1265+0.7088i	1.0105-0.1036i
28.9	4.0164-0.5017i	7.6654+1.2694i	-3.2835-0.7187i	-1.4117+0.7536i	-0.2507+0.2706i	-0.2060-0.0127i	-1.1447+0.7527i	1.0204-0.1269i
29.0	4.0635-0.5456i	7.5844+1.2345i	-3.2372-0.7653i	-1.4362+0.7841i	-0.2623+0.2842i	-0.1964+0.0014i	-1.1668+0.8006i	1.0347-0.1471i
29.1	4.1045-0.6088i	7.4866+1.2346i	-3.1924-0.8051i	-1.4617+0.8221i	-0.2701+0.3022i	-0.1881+0.0105i	-1.1875+0.8629i	1.0474-0.1701i
29.2	4.1340-0.6522i	7.4631+1.2545i	-3.1753-0.8002i	-1.4526+0.8832i	-0.2731+0.3180i	-0.1802+0.0152i	-1.1920+0.9194i	1.0524-0.1935i
29.3	4.1609-0.7081i	7.4318+1.2359i	-3.1365-0.8119i	-1.4472+0.9305i	-0.2756+0.3384i	-0.1745+0.0229i	-1.1894+0.9818i	1.0614-0.2225i
29.4	4.1804-0.7622i	7.3684+1.2432i	-3.1083-0.8631i	-1.4740+0.9918i	-0.2812+0.3581i	-0.1690+0.0288i	-1.1928+1.0431i	1.0726-0.2487i
29.5	4.1800-0.8398i	7.2885+1.2691i	-3.1268-0.8852i	-1.4843+1.0815i	-0.2728+0.3834i	-0.1597+0.0339i	-1.1561+1.1185i	1.0680-0.2868i
29.6	4.1556-0.8947i	7.2780+1.2387i	-3.1134-0.8665i	-1.4273+1.1130i	-0.2596+0.3967i	-0.1532+0.0347i	-1.1172+1.1727i	1.0617-0.3154i
29.7	4.1471-0.9244i	7.2214+1.2703i	-3.0768-0.8820i	-1.4119+1.1511i	-0.2552+0.4025i	-0.1485+0.0362i	-1.0855+1.2106i	1.0588-0.3352i
29.8	4.1454-0.9787i	7.1579+1.2366i	-3.0797-0.8842i	-1.4243+1.2162i	-0.2541+0.4173i	-0.1419+0.0404i	-1.0564+1.2591i	1.0539-0.3617i
29.9	4.1072-1.0507i	7.1159+1.2309i	-3.0479-0.8734i	-1.3625+1.2879i	-0.2524+0.4328i	-0.1393+0.0411i	-1.0060+1.3299i	1.0486-0.3956i
30.0	4.0757-1.0822i	7.1286+1.2564i	-2.9850-0.8484i	-1.2659+1.3034i	-0.2442+0.4414i	-0.1363+0.0419i	-0.9542+1.3527i	1.0253-0.4194i
30.1	4.0304-1.0961i	7.0875+1.2446i	-2.9834-0.8459i	-1.2102+1.3226i	-0.2346+0.4573i	-0.1294+0.0439i	-0.8816+1.3729i	0.9938-0.4481i
30.2	3.9945-1.0898i	7.0471+1.2121i	-2.9534-0.8301i	-1.1706+1.3323i	-0.2326+0.4609i	-0.1290+0.0433i	-0.8268+1.3703i	0.9697-0.4609i
30.3	3.9814-1.0657i	7.0170+1.1680i	-2.8933-0.8166i	-1.1334+1.2772i	-0.2334+0.4694i	-0.1260+0.0416i	-0.7944+1.3555i	0.9513-0.4601i
30.4	3.9976-1.0687i	6.9410+1.2067i	-2.8785-0.8206i	-1.1377+1.3097i	-0.2354+0.5009i	-0.1220+0.0467i	-0.7860+1.3737i	0.9385-0.4627i
30.5	3.9852-1.0946i	6.9295+1.2531i	-2.8657-0.8184i	-1.1038+1.3704i	-0.2150+0.5294i	-0.1220+0.0487i	-0.7464+1.4123i	0.9235-0.4721i
30.6	3.9370-1.1263i	6.9343+1.2279i	-2.8411-0.7946i	-1.0389+1.3804i	-0.1796+0.5371i	-0.1210+0.0436i	-0.6706+1.4316i	0.9063-0.4750i
30.7	3.8634-1.1119i	6.8907+1.2174i	-2.8068-0.7714i	-0.9432+1.3496i	-0.1487+0.5239i	-0.1162+0.0410i	-0.5791+1.4111i	0.8828-0.4697i
30.8	3.8125-1.0821i	6.8337+1.1986i	-2.7797-0.7727i	-0.9002+1.3326i	-0.1245+0.5134i	-0.1172+0.0459i	-0.5030+1.3794i	0.8649-0.4625i

30.9	3.7738-1.0150i	6.7781+1.1772i	-2.7358-0.7678i	-0.8507+1.2715i	-0.1103+0.4941i	-0.1183+0.0464i	-0.4514+1.3147i	0.8519-0.4514i
31.0	3.7639-0.9456i	6.7391+1.1498i	-2.7266-0.7384i	-0.8250+1.1887i	-0.1023+0.4791i	-0.1159+0.0479i	-0.4139+1.2571i	0.8442-0.4421i
31.1	3.7718-0.8788i	6.7078+1.1128i	-2.6844-0.7078i	-0.8120+1.0966i	-0.0921+0.4601i	-0.1154+0.0490i	-0.3921+1.1934i	0.8344-0.4310i
31.2	3.7989-0.8195i	6.6754+1.0201i	-2.6316-0.6921i	-0.8719+1.0317i	-0.0884+0.4410i	-0.1116+0.0527i	-0.3887+1.1306i	0.8282-0.4162i
31.3	3.8372-0.7680i	6.6011+0.9920i	-2.5908-0.6642i	-0.9121+0.9956i	-0.0939+0.4191i	-0.1097+0.0526i	-0.4008+1.0750i	0.8300-0.3989i
31.4	3.8713-0.7003i	6.5535+0.9455i	-2.5616-0.6541i	-0.9179+0.8971i	-0.1050+0.3939i	-0.1047+0.0546i	-0.4168+1.0151i	0.8377-0.3786i
31.5	3.9157-0.6633i	6.5104+0.9829i	-2.5243-0.6381i	-0.9356+0.8749i	-0.1162+0.3782i	-0.1069+0.0506i	-0.4426+0.9728i	0.8473-0.3597i
31.6	3.9568-0.6261i	6.4400+0.9632i	-2.4687-0.5998i	-0.9820+0.8567i	-0.1294+0.3619i	-0.1185+0.0495i	-0.4700+0.9284i	0.8602-0.3424i
31.7	4.0008-0.5891i	6.3629+0.9874i	-2.4230-0.5700i	-0.9835+0.8472i	-0.1443+0.3478i	-0.1194+0.0626i	-0.4984+0.8931i	0.8707-0.3301i
31.8	4.0542-0.5388i	6.3052+1.0133i	-2.3812-0.5350i	-0.9843+0.8088i	-0.1656+0.3343i	-0.1150+0.0675i	-0.5373+0.8506i	0.8919-0.3152i
31.9	4.1094-0.4932i	6.3055+0.9614i	-2.3095-0.5009i	-1.0171+0.7326i	-0.1856+0.3255i	-0.1054+0.0700i	-0.5856+0.8227i	0.9167-0.3085i
32.0	4.1741-0.4564i	6.2684+0.9587i	-2.2537-0.4996i	-1.0819+0.7102i	-0.2058+0.3168i	-0.1099+0.0664i	-0.6337+0.8009i	0.9363-0.2997i
32.1	4.2518-0.4403i	6.1911+1.0134i	-2.2202-0.4720i	-1.1169+0.7323i	-0.2313+0.3074i	-0.1120+0.0692i	-0.6931+0.7795i	0.9611-0.2867i
32.2	4.3416-0.4236i	6.1271+0.9869i	-2.1860-0.4675i	-1.2450+0.7027i	-0.2567+0.3053i	-0.1064+0.0712i	-0.7530+0.7686i	0.9858-0.2877i
32.3	4.4245-0.4061i	6.0601+0.9167i	-2.1354-0.4514i	-1.3157+0.6464i	-0.2896+0.3011i	-0.1030+0.0871i	-0.8150+0.7646i	1.0277-0.2896i
32.4	4.4810-0.4009i	6.0563+0.9860i	-2.0575-0.4016i	-1.2976+0.6586i	-0.3204+0.2929i	-0.1062+0.0955i	-0.8608+0.7627i	1.0607-0.2827i
32.5	4.5559-0.3877i	5.9571+1.0228i	-2.0238-0.3626i	-1.3911+0.6985i	-0.3527+0.2972i	-0.0903+0.0806i	-0.9132+0.7672i	1.0958-0.2878i
32.6	4.6274-0.3680i	5.9586+1.0560i	-1.9418-0.3365i	-1.4343+0.6835i	-0.3844+0.2989i	-0.0837+0.0808i	-0.9668+0.7705i	1.1302-0.2895i
32.7	4.6996-0.3426i	5.9557+1.0635i	-1.8560-0.3002i	-1.4588+0.6623i	-0.4192+0.3009i	-0.0868+0.0834i	-1.0246+0.7665i	1.1698-0.2901i
32.8	4.8110-0.3627i	5.8971+1.0547i	-1.7899-0.2985i	-1.5482+0.6997i	-0.4573+0.3171i	-0.1140+0.0821i	-1.0951+0.7828i	1.2068-0.3048i
32.9	4.9391-0.3761i	5.8293+1.0137i	-1.7212-0.2683i	-1.6685+0.6953i	-0.4927+0.3284i	-0.1316+0.0679i	-1.1844+0.7996i	1.2434-0.3242i
33.0	5.0432-0.3981i	5.8628+0.9982i	-1.6012-0.2755i	-1.7276+0.6872i	-0.5335+0.3424i	-0.1417+0.0847i	-1.2672+0.8317i	1.3001-0.3414i
33.1	5.1597-0.4468i	5.8560+1.0415i	-1.5140-0.2468i	-1.7975+0.7596i	-0.5862+0.3603i	-0.1507+0.1060i	-1.3611+0.8844i	1.3605-0.3516i
33.2	5.2825-0.5248i	5.7824+1.0954i	-1.4490-0.2372i	-1.9147+0.8946i	-0.6412+0.3901i	-0.1542+0.1415i	-1.4584+0.9652i	1.4193-0.3802i
33.3	5.3857-0.5987i	5.7613+1.0611i	-1.3672-0.2757i	-2.0186+0.9648i	-0.6918+0.4333i	-0.1393+0.1650i	-1.5398+1.0578i	1.4825-0.4323i
33.4	5.4518-0.6935i	5.7978+0.9787i	-1.2463-0.3455i	-2.0557+0.9582i	-0.7425+0.5119i	-0.0891+0.1664i	-1.5927+1.1851i	1.5547-0.5309i
33.5	5.4479-0.7898i	5.7991+0.9540i	-1.2026-0.4082i	-2.0153+1.0513i	-0.7528+0.5782i	-0.0623+0.1884i	-1.5775+1.2868i	1.5730-0.5989i
33.6	5.4329-0.8753i	5.7165+0.9969i	-1.2125-0.4254i	-1.9825+1.1876i	-0.7346+0.6403i	-0.0447+0.1852i	-1.5445+1.3821i	1.5619-0.6644i
33.7	5.4466-0.9257i	5.6593+0.9629i	-1.1349-0.4167i	-1.9630+1.2114i	-0.7055+0.6946i	-0.0315+0.1455i	-1.5163+1.4663i	1.5540-0.7448i
33.8	5.4663-0.9324i	5.6134+0.8234i	-1.1327-0.5148i	-2.0528+1.1360i	-0.6927+0.7342i	-0.0268+0.1191i	-1.5144+1.5233i	1.5559-0.8233i
33.9	5.4590-1.0104i	5.5909+0.8597i	-1.1354-0.5145i	-1.9845+1.3019i	-0.6729+0.7486i	-0.0382+0.1327i	-1.4720+1.5932i	1.5305-0.8532i
34.0	5.4573-1.0150i	5.5828+0.8509i	-1.0724-0.4811i	-1.9168+1.2705i	-0.6776+0.7510i	-0.0351+0.1319i	-1.4463+1.6252i	1.5401-0.8864i
34.1	5.4933-1.0514i	5.5279+0.8734i	-1.0515-0.4906i	-1.9677+1.2992i	-0.6813+0.7555i	-0.0625+0.1480i	-1.4331+1.6702i	1.5169-0.9150i
34.2	5.5013-1.0841i	5.4645+0.8425i	-1.0499-0.4717i	-1.9649+1.3847i	-0.6901+0.7654i	-0.0566+0.1718i	-1.4046+1.6957i	1.5059-0.9314i
34.3	5.5356-1.0515i	5.3827+0.8525i	-1.0060-0.4683i	-2.0202+1.3535i	-0.7139+0.7851i	-0.0492+0.1838i	-1.4029+1.6983i	1.5216-0.9655i
34.4	5.5650-1.0016i	5.4329+0.8420i	-0.9510-0.4050i	-1.9158+1.2984i	-0.7439+0.8074i	-0.0209+0.1815i	-1.4279+1.6778i	1.5583-0.9877i
34.5	5.6155-1.0243i	5.4252+0.8541i	-0.8944-0.3851i	-1.9554+1.3569i	-0.7642+0.8325i	-0.0121+0.2038i	-1.4439+1.7147i	1.5719-1.0177i
34.6	5.7078-1.0874i	5.3321+0.8631i	-0.8621-0.3808i	-2.0674+1.3980i	-0.7900+0.8648i	0.0009+0.2243i	-1.4685+1.7816i	1.5796-1.0662i
34.7	5.7921-1.1167i	5.3052+0.8695i	-0.8497-0.3931i	-2.1340+1.4405i	-0.8115+0.8919i	0.0139+0.2406i	-1.5001+1.8299i	1.5910-1.1010i
34.8	5.8587-1.1398i	5.2944+0.8707i	-0.7583-0.3686i	-2.1397+1.4796i	-0.8388+0.9350i	0.0332+0.2465i	-1.5435+1.8818i	1.6281-1.1600i
34.9	5.9352-1.1678i	5.2745+0.7978i	-0.7091-0.3905i	-2.1979+1.4591i	-0.8539+0.9739i	0.0514+0.2485i	-1.5828+1.9370i	1.6518-1.2154i
35.0	5.9776-1.2340i	5.2191+0.8135i	-0.6912-0.3820i	-2.2479+1.5395i	-0.8688+1.0167i	0.0814+0.2605i	-1.5761+2.0039i	1.6567-1.2695i
35.1	6.0405-1.3143i	5.1590+0.8131i	-0.6399-0.3660i	-2.3180+1.6165i	-0.8921+1.0620i	0.1102+0.2639i	-1.5798+2.0871i	1.6674-1.3360i
35.2	6.0997-1.3624i	5.1201+0.8456i	-0.6153-0.3660i	-2.3826+1.7457i	-0.9334+1.1051i	0.1509+0.2709i	-1.5909+2.1530i	1.6921-1.3867i
35.3	6.1815-1.4145i	5.1766+0.8373i	-0.5725-0.3163i	-2.3921+1.8390i	-0.9783+1.1662i	0.1898+0.2763i	-1.6249+2.2315i	1.7393-1.4656i
35.4	6.2298-1.4960i	5.1742+0.7352i	-0.4750-0.3013i	-2.3633+1.8457i	-0.9785+1.2457i	0.2253+0.2606i	-1.6365+2.3436i	1.7293-1.5885i
35.5	6.2686-1.5835i	5.1160+0.7546i	-0.4679-0.3294i	-2.4083+1.9535i	-0.9940+1.3174i	0.2591+0.2510i	-1.6149+2.4431i	1.7112-1.6819i
35.6	6.3116-1.6411i	5.1163+0.7255i	-0.4422-0.3208i	-2.3928+2.0400i	-1.0003+1.4029i	0.3022+0.2316i	-1.6038+2.5278i	1.6910-1.7877i
35.7	6.3748-1.7229i	5.0059+0.6385i	-0.3588-0.3074i	-2.4615+2.0574i	-1.0002+1.4611i	0.3336+0.2180i	-1.5973+2.6364i	1.6555-1.8782i
35.8	6.4402-1.8611i	4.9513+0.6559i	-0.3475-0.3084i	-2.5155+2.2130i	-0.9959+1.5401i	0.3725+0.1939i	-1.5705+2.7593i	1.6067-1.9666i
35.9	6.4693-1.9778i	4.9584+0.6375i	-0.3150-0.2954i	-2.5185+2.3162i	-0.9886+1.6136i	0.4151+0.1602i	-1.5301+2.8740i	1.5596-2.0403i
36.0	6.4275-2.0715i	4.9636+0.6421i	-0.2774-0.2684i	-2.4103+2.4196i	-0.9526+1.6744i	0.4514+0.1167i	-1.4434+2.9434i	1.4973-2.0792i
36.1	6.4171-2.1709i	4.9417+0.5716i	-0.2285-0.2716i	-2.3856+2.5066i	-0.9449+1.7522i	0.4932+0.0765i	-1.3712+3.0371i	1.4484-2.1479i
36.2	6.4267-2.2605i	4.9011+0.5287i	-0.1819-0.2700i	-2.3994+2.5604i	-0.9531+1.8038i	0.5201+0.0332i	-1.3266+3.1179i	1.4256-2.1962i
36.3	6.4296-2.3665i	4.8621+0.5101i	-0.1330-0.1912i	-2.3330+2.6749i	-0.9275+1.8787i	0.5519-0.0328i	-1.2698+3.1905i	1.3792-2.2465i
36.4	6.4288-2.4775i	4.7889+0.4567i	-0.0682-0.1735i	-2.3208+2.7544i	-0.9262+1.9352i	0.5777-0.0822i	-1.2146+3.2803i	1.3598-2.2910i
36.5	6.3513-2.5552i	4.7343+0.3894i	-0.0542-0.1607i	-2.2362+2.8278i	-0.9108+2.0127i	0.6026-0.1587i	-1.1257+3.3476i	1.3269-2.3416i
36.6	6.3078-2.6427i	4.7261+0.3325i	0.0265-0.1662i	-2.1602+2.8737i	-0.8875+2.1043i	0.6133-0.2513i	-1.0439+3.4317i	1.2791-2.4124i
36.7	6.2430-2.6778i	4.6895+0.2963i	0.0760-0.1471i	-2.0952+2.9000i	-0.8615+2.1787i	0.6208-0.3356i	-0.9525+3.4588i	1.2396-2.4654i
36.8	6.1729-2.7313i	4.6465+0.2653i	0.1159-0.1000i	-1.9917+2.9749i	-0.8484+2.2857i	0.6296-0.4161i	-0.8512+3.5128i	1.2093-2.5495i
36.9	6.1163-2.7562i	4.6067+0.2541i	0.1640-0.0532i	-1.8852+3.0225i	-0.8098+2.4009i	0.6101-0.5393i	-0.7547+3.5388i	1.1652-2.6254i
37.0	6.1244-2.7367i	4.5648+0.2339i	0.2058-0.0262i	-1.9001+3.0167i	-0.7917+2.4540i	0.5922-0.6244i	-0.7295+3.5301i	1.1414-2.6537i
37.1	6.1331-2.8238i	4.5394+0.1797i	0.2363+0.0047i	-1.8502+3.1370i	-0.7432+2.5981i	0.5345-0.7517i	-0.6780+3.5908i	1.0889-2.7516i

37.2	6.1226-2.9207i	4.4496+0.1304i	0.3153+0.0429i	-1.8291+3.2418i	-0.7174+2.7474i	0.4731-0.8625i	-0.6144+3.7018i	1.0498-2.8742i
37.3	6.0892-3.0254i	4.3807+0.0862i	0.3706+0.0956i	-1.8288+3.3163i	-0.6943+2.9040i	0.3922-0.9858i	-0.5391+3.8215i	1.0223-3.0139i
37.4	6.0172-3.0948i	4.3005+0.0060i	0.4138+0.1125i	-1.7236+3.3606i	-0.5815+3.0697i	0.2586-1.1105i	-0.4211+3.9088i	0.9238-3.1442i
37.5	5.9685-3.1548i	4.2576-0.0232i	0.4869+0.1433i	-1.6469+3.4229i	-0.4801+3.2094i	0.1175-1.2123i	-0.3160+3.9859i	0.8358-3.2539i
37.6	5.9012-3.2243i	4.1826-0.0947i	0.5766+0.1681i	-1.5250+3.4811i	-0.2959+3.3061i	-0.0624-1.2581i	-0.1925+4.0299i	0.6949-3.3075i
37.7	5.7854-3.3391i	4.1338-0.1448i	0.6409+0.1880i	-1.3876+3.5890i	-0.1216+3.4542i	-0.2811-1.3147i	-0.0060+4.1126i	0.5456-3.4124i
37.8	5.5893-3.4218i	4.0397-0.1961i	0.7221+0.2375i	-1.2021+3.6723i	0.0897+3.6185i	-0.5750-1.3304i	0.2560+4.1907i	0.3799-3.5486i
37.9	5.4494-3.3952i	3.9321-0.1987i	0.7807+0.3315i	-1.0549+3.6736i	0.2979+3.6802i	-0.7851-1.2393i	0.4388+4.1696i	0.2279-3.6072i
38.0	5.2730-3.2976i	3.8583-0.2056i	0.8534+0.3895i	-0.8480+3.5959i	0.5900+3.7278i	-1.0495-1.0589i	0.6925+4.0832i	0.0036-3.6714i
38.1	5.1906-3.1484i	3.7200-0.2340i	0.9195+0.4128i	-0.7453+3.4540i	0.8059+3.6677i	-1.1670-0.8419i	0.8329+3.9377i	-0.1709-3.6485i
38.2	5.1719-3.0439i	3.6429-0.2548i	1.0399+0.4256i	-0.6732+3.3396i	0.9754+3.5990i	-1.2351-0.6034i	0.9074+3.8119i	-0.3108-3.6261i
38.3	5.2100-2.9925i	3.5458-0.2786i	1.1166+0.4708i	-0.6648+3.2984i	1.1491+3.5785i	-1.2881-0.3824i	0.9623+3.7312i	-0.4542-3.6542i
38.4	5.2406-3.0104i	3.4537-0.2907i	1.1845+0.5107i	-0.6716+3.3244i	1.2741+3.5885i	-1.3117-0.2189i	1.0154+3.7230i	-0.5778-3.6938i
38.5	5.2277-3.0330i	3.3485-0.3383i	1.3115+0.4934i	-0.6028+3.3287i	1.4930+3.5071i	-1.2281+0.0103i	1.0995+3.6789i	-0.7786-3.6653i
38.6	5.1542-3.0481i	3.2718-0.3354i	1.4046+0.5197i	-0.5076+3.3389i	1.6524+3.4807i	-1.1637+0.1560i	1.2158+3.6523i	-0.9453-3.6877i
38.7	5.0710-3.0799i	3.1812-0.3115i	1.4969+0.5227i	-0.4193+3.3465i	1.8080+3.4186i	-1.0699+0.2797i	1.3357+3.6311i	-1.1181-3.6867i
38.8	4.9613-3.0585i	3.0717-0.3489i	1.6317+0.5359i	-0.3032+3.3154i	2.0365+3.3236i	-0.9462+0.4064i	1.4905+3.5536i	-1.3923-3.6409i
38.9	4.8475-2.9823i	3.0208-0.3608i	1.7229+0.5531i	-0.1769+3.2164i	2.1976+3.2105i	-0.8430+0.4878i	1.6110+3.4338i	-1.5938-3.5574i
39.0	4.7809-2.8653i	2.8852-0.3359i	1.7977+0.5680i	-0.0625+3.1269i	2.3524+3.0398i	-0.7134+0.5253i	1.7067+3.2743i	-1.7981-3.4078i
39.1	4.7408-2.7295i	2.7419-0.2922i	1.8911+0.5702i	-0.0219+2.9943i	2.4645+2.8862i	-0.5946+0.5546i	1.7713+3.1066i	-1.9753-3.2521i
39.2	4.7305-2.6432i	2.6593-0.2719i	1.9767+0.5675i	0.0171+2.8971i	2.5483+2.7691i	-0.5016+0.5700i	1.8047+2.9992i	-2.1103-3.1369i
39.3	4.7073-2.5675i	2.6270-0.2513i	2.1071+0.5572i	0.0462+2.8145i	2.6611+2.6285i	-0.3946+0.5629i	1.8487+2.8863i	-2.2705-2.9682i
39.4	4.7071-2.4893i	2.5309-0.1702i	2.2070+0.5625i	0.0741+2.7382i	2.7109+2.4604i	-0.3186+0.5352i	1.8589+2.7707i	-2.3389-2.7868i
39.5	4.6888-2.3748i	2.4203-0.1617i	2.3022+0.5659i	0.1314+2.6146i	2.8154+2.2856i	-0.2367+0.5090i	1.9028+2.6269i	-2.4830-2.5814i
39.6	4.7068-2.2808i	2.3975-0.1252i	2.3790+0.5135i	0.1267+2.5324i	2.8477+2.1354i	-0.1828+0.4679i	1.8902+2.4993i	-2.5231-2.3865i
39.7	4.7271-2.1532i	2.3496-0.0842i	2.4862+0.5095i	0.1417+2.4328i	2.8562+1.9470i	-0.1509+0.4232i	1.8648+2.3551i	-2.5305-2.1571i
39.8	4.7845-2.0383i	2.2739-0.0798i	2.5764+0.5159i	0.1147+2.3268i	2.8759+1.8406i	-0.1145+0.4104i	1.8408+2.2442i	-2.5523-2.0232i
39.9	4.8430-1.9567i	2.2279-0.0124i	2.6543+0.4921i	0.0608+2.2418i	2.8537+1.6963i	-0.0740+0.3842i	1.7806+2.1424i	-2.5162-1.8601i
40.0	4.8941-1.9274i	2.1947+0.0093i	2.7251+0.4729i	0.0453+2.2028i	2.8337+1.5474i	-0.0541+0.3447i	1.7258+2.0835i	-2.4823-1.7063i
40.1	4.9810-1.8507i	2.0947+0.0354i	2.7876+0.4657i	-0.0268+2.1090i	2.8221+1.4108i	-0.0288+0.3005i	1.6800+1.9893i	-2.4794-1.5604i
40.2	5.0107-1.7809i	2.0535+0.0499i	2.8641+0.4693i	-0.0385+2.0673i	2.7888+1.3243i	-0.0082+0.2735i	1.6334+1.9300i	-2.4519-1.4684i
40.3	5.0852-1.7155i	2.0441-0.0009i	2.9312+0.4543i	-0.0676+2.0239i	2.7633+1.2310i	0.0105+0.2461i	1.5880+1.8718i	-2.4355-1.3599i
40.4	5.1370-1.6741i	1.9705+0.0413i	3.0011+0.4450i	-0.1284+1.9748i	2.7259+1.1561i	0.0134+0.2216i	1.5362+1.8307i	-2.3876-1.2676i
40.5	5.1955-1.6601i	1.9217+0.0455i	3.0713+0.4257i	-0.1715+1.9270i	2.6932+1.0724i	0.0166+0.1957i	1.4883+1.7920i	-2.3455-1.1756i
40.6	5.2745-1.6018i	1.8924+0.0913i	3.1736+0.4310i	-0.1929+1.8911i	2.6675+0.9854i	0.0316+0.1643i	1.4404+1.7382i	-2.3197-1.0721i
40.7	5.3191-1.5609i	1.8294+0.1118i	3.2414+0.4159i	-0.2280+1.8915i	2.6172+0.9121i	0.0243+0.1474i	1.3990+1.7046i	-2.2648-0.9810i
40.8	5.4036-1.4893i	1.8138+0.1175i	3.3164+0.3906i	-0.2869+1.8236i	2.5957+0.8559i	0.0309+0.1307i	1.3439+1.6583i	-2.2401-0.9164i
40.9	5.4757-1.4539i	1.7735+0.0982i	3.3670+0.3851i	-0.3376+1.7878i	2.5673+0.7942i	0.0405+0.1078i	1.2903+1.6226i	-2.1891-0.8394i
41.0	5.5607-1.4329i	1.7136+0.1052i	3.4238+0.3740i	-0.3839+1.7869i	2.5122+0.7270i	0.0396+0.0722i	1.2391+1.6097i	-2.1079-0.7594i
41.1	5.6330-1.3885i	1.6981+0.1346i	3.4878+0.3616i	-0.4231+1.7345i	2.4762+0.6813i	0.0411+0.0512i	1.1826+1.5898i	-2.0633-0.7340i
41.2	5.7083-1.3930i	1.6605+0.1458i	3.6020+0.3655i	-0.4468+1.7380i	2.4395+0.6316i	0.0224+0.0343i	1.1399+1.5716i	-2.0256-0.6873i
41.3	5.7320-1.3169i	1.5918+0.1144i	3.6429+0.3858i	-0.4633+1.6838i	2.4085+0.6008i	0.0126+0.0206i	1.1117+1.5325i	-1.9799-0.6342i
41.4	5.8832-1.2609i	1.5265+0.1287i	3.7003+0.3847i	-0.5804+1.6346i	2.3926+0.5591i	0.0190+0.0038i	1.0217+1.5039i	-1.9293-0.6027i
41.5	5.9728-1.2908i	1.4902+0.1623i	3.7672+0.4037i	-0.6172+1.6745i	2.3512+0.5207i	0.0176-0.0165i	0.9722+1.5457i	-1.8983-0.5873i
41.6	6.0202-1.2820i	1.4390+0.1208i	3.8598+0.3989i	-0.6153+1.6713i	2.3036+0.4955i	0.0095-0.0328i	0.9410+1.5383i	-1.8469-0.5711i
41.7	6.0562-1.2822i	1.4358+0.1031i	3.9294+0.4333i	-0.6276+1.6745i	2.2703+0.4651i	-0.0139-0.0478i	0.9105+1.5370i	-1.8114-0.5480i
41.8	6.1417-1.2344i	1.4128+0.0505i	4.0023+0.4254i	-0.6709+1.6398i	2.2480+0.4498i	-0.0292-0.0515i	0.8765+1.5277i	-1.7947-0.5247i
41.9	6.3452-1.2120i	1.3360+0.0559i	4.0980+0.4436i	-0.7965+1.6493i	2.2478+0.4329i	-0.0416-0.0720i	0.7788+1.5255i	-1.7739-0.5258i
42.0	6.3704-1.2547i	1.2577+0.0880i	4.1415+0.4660i	-0.8269+1.6899i	2.2339+0.4081i	-0.0509-0.0775i	0.7517+1.5515i	-1.7649-0.5146i
42.1	6.4677-1.2465i	1.1827+0.0941i	4.1900+0.5041i	-0.8760+1.7032i	2.2253+0.3679i	-0.0570-0.0918i	0.7005+1.5561i	-1.7316-0.5023i
42.2	6.5742-1.2702i	1.1077+0.0650i	4.2768+0.4844i	-0.9211+1.6885i	2.2031+0.3444i	-0.0750-0.0937i	0.6627+1.5816i	-1.7504-0.5200i
42.3	6.6879-1.2415i	1.0332+0.0277i	4.3503+0.4880i	-1.0388+1.6788i	2.2031+0.3075i	-0.0646-0.0985i	0.5860+1.5960i	-1.7825-0.4936i
42.4	6.7665-1.3761i	1.0015+0.0609i	4.4771+0.4875i	-1.0600+1.7908i	2.1629+0.2614i	-0.0845-0.1117i	0.5747+1.6916i	-1.7723-0.4379i
42.5	6.8006-1.4192i	0.9476-0.0010i	4.5449+0.4691i	-1.0600+1.8263i	2.1489+0.2396i	-0.0933-0.1165i	0.5778+1.7364i	-1.7833-0.4080i
42.6	6.8342-1.4600i	0.9005+0.0198i	4.6501+0.5155i	-1.0211+1.8635i	2.1059+0.2046i	-0.1088-0.1204i	0.5879+1.7777i	-1.7878-0.3583i
42.7	6.8326-1.5137i	0.9042+0.0545i	4.7050+0.5494i	-0.9895+1.8909i	2.0730+0.1934i	-0.1243-0.1231i	0.6120+1.8026i	-1.7605-0.3321i
42.8	6.9042-1.3964i	0.8218-0.0156i	4.8109+0.5632i	-0.9894+1.7820i	2.0667+0.2210i	-0.1266-0.1311i	0.5914+1.7287i	-1.7888-0.3464i
42.9	7.0836-1.4515i	0.7376+0.0414i	4.9332+0.5651i	-1.1167+1.8478i	2.0957+0.1860i	-0.1314-0.1379i	0.4922+1.7602i	-1.8353-0.2693i
43.0	7.1951-1.5858i	0.6494+0.0428i	5.0412+0.5620i	-1.1925+1.9484i	2.0786+0.1337i	-0.1412-0.1410i	0.4759+1.8466i	-1.8076-0.1992i
43.1	7.2385-1.6802i	0.6235+0.0030i	5.1485+0.5478i	-1.1894+2.0081i	2.0395+0.0980i	-0.1407-0.1568i	0.4915+1.9107i	-1.7906-0.1545i
43.2	7.2345-1.7404i	0.6297-0.0273i	5.2464+0.5343i	-1.1648+2.0462i	2.0223+0.0826i	-0.1577-0.1763i	0.4911+1.9398i	-1.8268-0.0803i
43.3	7.2223-1.7838i	0.5576-0.0601i	5.3139+0.5171i	-1.1475+2.0743i	1.9928+0.0715i	-0.1864-0.1827i	0.5095+1.9656i	-1.7235+0.0409i
43.4	7.2829-1.7232i	0.4316-0.0768i	5.3755+0.5506i	-1.1708+2.0213i	2.0061+0.0790i	-0.1909-0.1888i	0.4812+1.9364i	-1.6568+0.0034i

43.5	7.4420−1.7891i	0.3455−0.0447i	5.4873+0.5789i	−1.2806+2.0905i	2.0362+0.0474i	−0.1956−0.2084i	0.3929+1.9801i	−1.7097+0.0045i
43.6	7.5391−1.9581i	0.2945+0.0068i	5.5974+0.6101i	−1.3123+2.2375i	2.0207−0.0117i	−0.2257−0.2303i	0.3668+2.0966i	−1.7292+0.0889i
43.7	7.5238−2.1325i	0.2581+0.0364i	5.6950+0.5748i	−1.2799+2.3776i	1.9784−0.0678i	−0.2703−0.2509i	0.3956+2.2266i	−1.6901+0.2051i
43.8	7.3898−2.2897i	0.2499+0.0116i	5.7784+0.5374i	−1.1484+2.4638i	1.9305−0.0948i	−0.3206−0.2379i	0.4798+2.3106i	−1.5605+0.2848i
43.9	7.3018−2.3857i	0.2051−0.0019i	5.8640+0.5878i	−1.0496+2.5444i	1.8893−0.1145i	−0.3613−0.2289i	0.5638+2.3681i	−1.4433+0.3011i
44.0	7.1871−2.3990i	0.1980−0.0151i	5.9746+0.6452i	−0.9334+2.5337i	1.8552−0.1101i	−0.3952−0.2187i	0.6618+2.3856i	−1.3787+0.2566i
44.1	7.1627−2.3115i	0.1370−0.0233i	6.0813+0.6661i	−0.9128+2.4808i	1.8502−0.1149i	−0.4047−0.2025i	0.6867+2.3651i	−1.3681+0.2187i
44.2	7.1164−2.3604i	0.0351−0.0201i	6.1405+0.6576i	−0.8509+2.5373i	1.8243−0.1559i	−0.4409−0.2172i	0.7525+2.4157i	−1.3605+0.2455i
44.3	6.9911−2.3319i	0.0028−0.0865i	6.2499+0.6181i	−0.7020+2.4978i	1.7631−0.1516i	−0.4985−0.1981i	0.8759+2.3871i	−1.3186+0.2322i
44.4	6.9590−2.2406i	0.0082−0.1362i	6.4009+0.5710i	−0.6337+2.3988i	1.7485−0.1337i	−0.5294−0.1524i	0.9107+2.3183i	−1.3272+0.2308i
44.5	6.9433−2.2120i	−0.0297−0.1514i	6.5128+0.5649i	−0.5994+2.3691i	1.7488−0.1472i	−0.5591−0.1053i	0.9297+2.3025i	−1.3346+0.2996i
44.6	6.9207−2.1345i	−0.1997−0.1439i	6.5638+0.6061i	−0.6041+2.3511i	1.7256−0.1461i	−0.5759−0.0522i	0.9632+2.2584i	−1.2427+0.3507i
44.7	6.9790−2.0827i	−0.3083−0.2263i	6.6233+0.5750i	−0.6322+2.3099i	1.7233−0.1581i	−0.5729−0.0221i	0.9574+2.2430i	−1.1865+0.3476i
44.8	7.0041−2.0228i	−0.2965−0.2965i	6.7444+0.5733i	−0.6139+2.2350i	1.7245−0.1522i	−0.5609−0.0001i	0.9605+2.2062i	−1.1344+0.3133i
44.9	7.0450−1.8855i	−0.3430−0.3457i	6.8495+0.6163i	−0.6052+2.1059i	1.7317−0.1336i	−0.5529+0.0240i	0.9427+2.1346i	−1.1121+0.2303i
45.0	7.1251−1.8883i	−0.4301−0.3244i	6.9753+0.6407i	−0.6728+2.1319i	1.7319−0.1664i	−0.5716+0.0440i	0.9195+2.1634i	−1.1489+0.2609i
45.1	7.1387−1.8736i	−0.5263−0.3050i	7.0794+0.6331i	−0.6799+2.1417i	1.7251−0.1797i	−0.5747+0.0671i	0.9268+2.1613i	−1.1212+0.2758i
45.2	7.1635−1.8290i	−0.6054−0.3090i	7.1516+0.6578i	−0.6429+2.1173i	1.7192−0.2106i	−0.5787+0.0766i	0.9120+2.1707i	−1.1220+0.2934i
45.3	7.2227−1.8545i	−0.7085−0.4273i	7.2525+0.6048i	−0.6878+2.0864i	1.7097−0.2416i	−0.6048+0.0914i	0.9220+2.2011i	−1.1105+0.3434i
45.4	7.2534−1.8531i	−0.8028−0.5096i	7.3376+0.5786i	−0.6954+2.0609i	1.6845−0.2610i	−0.6439+0.1300i	0.9567+2.2124i	−1.0441+0.3548i
45.5	7.2987−1.6829i	−0.8740−0.4952i	7.4697+0.6140i	−0.6995+1.9763i	1.6754−0.2364i	−0.6094+0.2045i	0.9418+2.1183i	−1.0159+0.2957i
45.6	7.4315−1.7451i	−0.9421−0.4077i	7.5466+0.6787i	−0.7750+2.0370i	1.6829−0.2598i	−0.5909+0.2179i	0.8892+2.1582i	−1.0139+0.3196i
45.7	7.4110−1.8140i	−1.0089−0.4137i	7.6468+0.6813i	−0.7210+2.0584i	1.6611−0.2801i	−0.5870+0.2436i	0.9350+2.1962i	−0.9650+0.3141i
45.8	7.4433−1.7420i	−1.0434−0.4633i	7.7790+0.6829i	−0.7109+2.0173i	1.6741−0.3019i	−0.5739+0.2653i	0.9000+2.1796i	−0.9775+0.2790i
45.9	7.5342−1.7276i	−1.1230−0.5950i	7.9245+0.6091i	−0.7685+2.0162i	1.6674−0.3460i	−0.5695+0.2919i	0.8797+2.2387i	−1.0074+0.2862i
46.0	7.5852−1.7661i	−1.1890−0.6063i	8.0896+0.6363i	−0.7601+2.0631i	1.6343−0.3684i	−0.5649+0.3344i	0.9083+2.2835i	−1.0100+0.3373i
46.1	7.6166−1.8165i	−1.2542−0.6936i	8.1699+0.5454i	−0.7887+2.1006i	1.6185−0.3962i	−0.5565+0.3799i	0.9316+2.3236i	−0.9856+0.3894i
46.2	7.5801−1.8090i	−1.3580−0.6658i	8.2410+0.5468i	−0.7107+2.0977i	1.5814−0.4021i	−0.5032+0.4036i	0.9985+2.3251i	−0.9089+0.3929i
46.3	7.5830−1.7192i	−1.4380−0.6870i	8.3791+0.6080i	−0.6746+2.0156i	1.5595−0.3737i	−0.4679+0.4134i	1.0427+2.2413i	−0.8388+0.2975i
46.4	7.6674−1.7279i	−1.5717−0.7923i	8.4353+0.5663i	−0.7410+2.0261i	1.5806−0.3847i	−0.4453+0.4493i	1.0031+2.2526i	−0.9062+0.2486i
46.5	7.6689−1.7446i	−1.8304−0.8556i	8.3817+0.5579i	−0.7382+2.0494i	1.5915−0.4355i	−0.3949+0.4567i	1.0075+2.3250i	−0.9804+0.3004i
46.6	7.7005−1.7039i	−1.9448−0.9357i	8.4731+0.6066i	−0.7231+1.9785i	1.5810−0.4558i	−0.3601+0.4372i	1.0304+2.3332i	−0.9869+0.3367i
46.7	7.8077−1.6522i	−2.0714−0.9298i	8.6280+0.7071i	−0.8021+1.9670i	1.5835−0.5092i	−0.3420+0.4016i	0.9973+2.3649i	−0.9994+0.4161i
46.8	7.8074−1.7387i	−2.2103−0.9230i	8.7056+0.6721i	−0.7832+2.0184i	1.5279−0.5626i	−0.3514+0.4076i	1.0766+2.4279i	−0.8989+0.4898i
46.9	7.7908−1.7165i	−2.2759−0.8890i	8.8820+0.6914i	−0.7217+2.0651i	1.4764−0.5593i	−0.3504+0.4317i	1.1480+2.4131i	−0.8471+0.4424i
47.0	7.7911−1.7115i	−2.3661−0.9771i	8.9876+0.6417i	−0.6858+2.0424i	1.4634−0.5543i	−0.2974+0.4535i	1.1795+2.4192i	−0.8773+0.4402i
47.1	7.7947−1.6978i	−2.4928−0.9933i	9.0559+0.6960i	−0.6689+2.0045i	1.4503−0.5880i	−0.2746+0.4168i	1.2118+2.4321i	−0.8659+0.4928i
47.2	7.7515−1.6974i	−2.6623−1.0235i	9.1349+0.7447i	−0.6645+1.9803i	1.3960−0.6244i	−0.2814+0.4050i	1.3063+2.4506i	−0.7896+0.5560i
47.3	7.7218−1.6187i	−2.7653−1.0318i	9.2741+0.8050i	−0.5870+1.9069i	1.3441−0.6146i	−0.2732+0.4027i	1.3886+2.3917i	−0.7034+0.5479i
47.4	7.7762−1.4699i	−2.9190−1.0680i	9.3781+0.7879i	−0.5763+1.7960i	1.3111−0.6031i	−0.2599+0.3962i	1.4032+2.3016i	−0.6634+0.4816i
47.5	7.8385−1.4215i	−2.9380−1.0640i	9.5323+0.8291i	−0.5755+1.7480i	1.2912−0.6028i	−0.2524+0.4054i	1.4089+2.2595i	−0.6404+0.4353i
47.6	7.9117−1.3579i	−3.1345−1.0716i	9.6299+0.8993i	−0.6320+1.7348i	1.2649−0.6098i	−0.2219+0.4170i	1.4223+2.2427i	−0.6605+0.3974i
47.7	7.9869−1.2771i	−3.2866−1.0934i	9.7188+0.9368i	−0.6418+1.6641i	1.2406−0.6120i	−0.1984+0.3839i	1.4168+2.2167i	−0.7111+0.4294i
47.8	8.0627−1.2768i	−3.4152−1.0034i	9.8987+1.0190i	−0.6399+1.6877i	1.1946−0.6098i	−0.2062+0.3564i	1.4487+2.1983i	−0.6725+0.4926i
47.9	8.1609−1.2474i	−3.5295−1.0060i	10.0699+0.9577i	−0.7100+1.6358i	1.1863−0.5912i	−0.2382+0.3386i	1.4249+2.1532i	−0.6271+0.4749i
48.0	8.1969−1.2455i	−3.6686−0.9766i	10.1593+1.0093i	−0.7533+1.6481i	1.1710−0.6034i	−0.2168+0.3405i	1.4471+2.1518i	−0.6070+0.5036i
48.1	8.2973−1.1997i	−3.7430−1.0325i	10.3393+1.0673i	−0.7944+1.6124i	1.1479−0.6100i	−0.2235+0.3290i	1.4456+2.1520i	−0.5794+0.5032i
48.2	8.4026−1.1819i	−3.8645−1.0761i	10.5102+1.0914i	−0.8271+1.6044i	1.1204−0.6213i	−0.2477+0.3372i	1.4434+2.1531i	−0.5516+0.4948i
48.3	8.3762−1.1374i	−4.0064−0.9643i	10.6081+1.1588i	−0.7682+1.6436i	1.0747−0.6118i	−0.2454+0.3451i	1.4921+2.1287i	−0.5072+0.4755i
48.4	8.4116−1.0765i	−4.1902−0.9739i	10.7002+1.2382i	−0.7993+1.5896i	1.0419−0.6148i	−0.2511+0.3349i	1.5092+2.1192i	−0.4864+0.4746i
48.5	8.5126−1.0755i	−4.3631−0.9983i	10.8430+1.2483i	−0.8957+1.5448i	1.0219−0.6174i	−0.2669+0.3324i	1.5099+2.0944i	−0.4811+0.4724i
48.6	8.5973−1.0498i	−4.4091−1.0602i	11.1308+1.1595i	−0.9015+1.4996i	0.9913−0.5874i	−0.2667+0.3542i	1.5194+2.0700i	−0.4911+0.4868i
48.7	8.6751−1.0084i	−4.5363−1.0329i	11.2988+1.2240i	−0.8558+1.4915i	0.9471−0.5531i	−0.2555+0.3811i	1.5556+2.0294i	−0.4391+0.4852i
48.8	8.7272−0.9722i	−4.6451−0.9727i	11.4426+1.2724i	−0.8520+1.4579i	0.9338−0.5137i	−0.2369+0.3609i	1.5459+1.9623i	−0.3924+0.4722i
48.9	8.7929−0.9709i	−4.7187−0.9439i	11.5703+1.2815i	−0.8649+1.4332i	0.9365−0.4927i	−0.2531+0.3422i	1.5281+1.9293i	−0.3569+0.4542i
49.0	8.9156−0.9114i	−4.9569−0.9616i	11.7072+1.2836i	−0.9565+1.3797i	0.9350−0.4750i	−0.2757+0.3309i	1.4975+1.9063i	−0.3398+0.4342i
49.1	9.0721−0.8918i	−5.1042−0.9066i	11.8313+1.3340i	−1.0575+1.3970i	0.9559−0.4766i	−0.2987+0.3444i	1.4475+1.9096i	−0.3139+0.4412i
49.2	9.1359−0.9208i	−5.1715−0.8985i	12.0428+1.3881i	−1.1245+1.4247i	0.9469−0.4752i	−0.3158+0.3799i	1.4321+1.9241i	−0.2759+0.3964i
49.3	9.2047−0.9343i	−5.2897−0.9811i	12.3031+1.2841i	−1.1066+1.4166i	0.9277−0.4658i	−0.3004+0.4101i	1.4536+1.9293i	−0.2872+0.3474i
49.4	9.2191−0.9244i	−5.3770−1.0482i	12.4191+1.2741i	−1.0786+1.3645i	0.9131−0.4545i	−0.2783+0.4168i	1.4485+1.9175i	−0.3098+0.3487i
49.5	9.2770−0.8650i	−5.4981−0.9051i	12.5176+1.3757i	−1.0356+1.3961i	0.9096−0.4177i	−0.2713+0.4101i	1.4538+1.8495i	−0.2684+0.3284i
49.6	9.3971−0.8349i	−5.7021−0.9256i	12.6597+1.4195i	−1.2007+1.3950i	0.9487−0.4283i	−0.2849+0.4061i	1.3915+1.8583i	−0.2908+0.3101i
49.7	9.5291−0.8754i	−5.8375−0.9842i	12.8672+1.4027i	−1.2668+1.3725i	0.9494−0.4436i	−0.3020+0.4380i	1.3514+1.9095i	−0.3134+0.3138i

49.8	9.5907-0.9065i	-5.8424-0.9696i	13.0750+1.4471i	-1.1855+1.4293i	0.9323-0.4294i	-0.2720+0.4514i	1.3683+1.8903i	-0.3028+0.3135i
49.9	9.6640-0.8919i	-5.9964-0.9713i	13.3000+1.4744i	-1.1867+1.4131i	0.9402-0.4273i	-0.2544+0.4490i	1.3597+1.8777i	-0.2759+0.3185i
50.0	9.7171-0.8526i	-6.1477-0.9267i	13.3525+1.5212i	-1.2404+1.3970i	0.9565-0.4172i	-0.2830+0.4632i	1.3399+1.8839i	-0.2440+0.2965i
50.1	9.7931-0.8712i	-6.2765-0.9091i	13.5250+1.5399i	-1.2958+1.4484i	0.9640-0.4148i	-0.2752+0.4807i	1.3245+1.8804i	-0.2402+0.2758i
50.2	9.8493-0.8291i	-6.4655-1.0097i	13.7252+1.6406i	-1.3379+1.4010i	0.9615-0.4182i	-0.2494+0.4924i	1.3198+1.8802i	-0.2382+0.2601i
50.3	9.9056-0.8057i	-6.6225-1.0638i	13.9128+1.6398i	-1.3529+1.4113i	0.9552-0.4356i	-0.2356+0.4989i	1.3209+1.9014i	-0.2311+0.2467i
50.4	10.0458-0.8011i	-6.7294-1.0647i	14.0974+1.7398i	-1.3617+1.4094i	0.9561-0.4622i	-0.2667+0.5059i	1.2814+1.9320i	-0.2502+0.2329i
50.5	10.1609-0.8380i	-6.9284-1.0529i	14.2205+1.7764i	-1.4582+1.4534i	0.9672-0.4928i	-0.3089+0.5306i	1.2392+1.9992i	-0.2556+0.2526i
50.6	10.1810-0.8447i	-7.1051-1.0131i	14.4479+1.8028i	-1.4695+1.4399i	0.9516-0.4921i	-0.2703+0.5531i	1.2727+2.0093i	-0.2376+0.2403i
50.7	10.2462-0.8950i	-7.2537-1.1797i	14.7813+1.7697i	-1.4834+1.4244i	0.9380-0.5046i	-0.2233+0.5776i	1.3010+2.0226i	-0.2481+0.2253i
50.8	10.3128-0.8891i	-7.3298-1.2148i	14.9449+1.7782i	-1.4712+1.3919i	0.9306-0.5246i	-0.2105+0.5739i	1.3029+2.0334i	-0.2596+0.2151i
50.9	10.3386-0.8519i	-7.5214-1.0818i	14.9859+1.7570i	-1.4562+1.4918i	0.9352-0.5299i	-0.2358+0.5939i	1.3012+2.0609i	-0.2422+0.2184i
51.0	10.4773-0.8492i	-7.8412-1.2016i	15.3603+1.8595i	-1.5335+1.5340i	0.9079-0.5624i	-0.2125+0.6119i	1.3254+2.1113i	-0.2101+0.2307i
51.1	10.5798-0.8738i	-7.9908-1.3251i	15.6710+1.9075i	-1.6005+1.5085i	0.8965-0.6007i	-0.1841+0.6298i	1.3425+2.1560i	-0.1995+0.2306i
51.2	10.6314-0.8190i	-8.1023-1.3461i	15.7878+1.9017i	-1.5390+1.5073i	0.8818-0.6324i	-0.1682+0.6425i	1.3671+2.1809i	-0.2019+0.2316i
51.3	10.6846-0.8291i	-8.4712-1.2061i	15.9336+1.9701i	-1.5673+1.5066i	0.8354-0.6212i	-0.1410+0.6307i	1.4106+2.1753i	-0.2021+0.2148i
51.4	10.7611-0.8539i	-8.6699-1.1162i	16.3082+2.0124i	-1.5894+1.5463i	0.8018-0.6280i	-0.1448+0.6278i	1.4377+2.1723i	-0.1775+0.2112i
51.5	10.8028-0.8818i	-8.8368-1.2739i	16.5830+2.1064i	-1.5954+1.4880i	0.7491-0.6531i	-0.1448+0.6640i	1.4942+2.2143i	-0.1351+0.2167i
51.6	10.9145-0.8670i	-9.0176-1.3808i	16.7853+2.2947i	-1.5702+1.4300i	0.7013-0.6783i	-0.1093+0.7037i	1.5418+2.2439i	-0.1365+0.2156i
51.7	10.9820-0.7561i	-9.2952-1.3658i	17.2518+2.3157i	-1.5880+1.4278i	0.6631-0.6905i	-0.0611+0.7062i	1.5796+2.2257i	-0.1400+0.2070i
51.8	11.0233-0.7156i	-9.6008-1.3304i	17.4309+2.3186i	-1.6628+1.4723i	0.6366-0.6779i	-0.0358+0.6984i	1.6315+2.2119i	-0.1145+0.1966i
51.9	11.1445-0.7615i	-9.8426-1.2775i	17.8523+2.2923i	-1.6593+1.4257i	0.5730-0.6190i	0.0076+0.6766i	1.6990+2.1622i	-0.0762+0.1764i
52.0	11.2288-0.7349i	-10.1148-1.2225i	18.1533+2.2320i	-1.6772+1.4022i	0.5149-0.5792i	0.0450+0.6771i	1.7404+2.1048i	-0.0875+0.1256i
52.1	11.3427-0.7054i	-10.2980-1.2512i	18.4587+2.1705i	-1.7726+1.4008i	0.4819-0.5942i	0.0642+0.6685i	1.7466+2.1015i	-0.0979+0.1087i
52.2	11.4290-0.7080i	-10.4941-1.2373i	18.7230+2.2559i	-1.7863+1.3759i	0.4541-0.5552i	0.0757+0.6549i	1.7661+2.0651i	-0.0872+0.1143i
52.3	11.5012-0.7867i	-10.7769-1.1092i	18.9910+2.0912i	-1.7925+1.3898i	0.4245-0.4511i	0.1128+0.6341i	1.8066+1.9825i	-0.0598+0.1062i
52.4	11.6265-0.8368i	-11.0195-0.9909i	19.1445+2.1081i	-1.8057+1.4459i	0.4224-0.4091i	0.1145+0.6274i	1.8100+1.9598i	-0.0607+0.0512i
52.5	11.7516-0.8598i	-11.3119-0.9371i	19.5862+2.0595i	-1.9014+1.4627i	0.4343-0.3762i	0.1188+0.5921i	1.7810+1.9465i	-0.0794+0.0214i
52.6	11.8515-0.8116i	-11.5319-0.9810i	19.7487+2.0307i	-1.9567+1.4440i	0.4325-0.3578i	0.1131+0.5733i	1.7640+1.9477i	-0.1019+0.0211i
52.7	11.9452-0.8583i	-11.8130-0.8754i	19.9658+2.1511i	-1.9715+1.4657i	0.4209-0.3370i	0.1068+0.5692i	1.7686+1.9410i	-0.0813+0.0118i
52.8	12.0299-1.0044i	-12.1286-0.6948i	20.3759+2.1188i	-1.9937+1.5315i	0.4178-0.2757i	0.1304+0.5777i	1.7837+1.9322i	-0.1029-0.0182i
52.9	12.1553-0.9498i	-12.6005-0.7736i	20.6177+2.0156i	-1.9759+1.5262i	0.4147-0.2568i	0.1534+0.6046i	1.8073+1.9609i	-0.1145-0.0266i
53.0	12.2311-0.9513i	-12.8269-0.6797i	20.9504+2.0513i	-1.9694+1.5116i	0.4213-0.2404i	0.1817+0.6085i	1.8535+1.9500i	-0.1199-0.0208i
53.1	12.2073-0.9348i	-13.0275-0.5870i	21.2477+1.9109i	-1.9420+1.5262i	0.4315-0.2198i	0.1945+0.5858i	1.8783+1.9002i	-0.1140-0.0263i
53.2	12.2551-0.9616i	-13.3463-0.4295i	21.4930+1.9869i	-1.9942+1.5424i	0.4420-0.1946i	0.2089+0.5659i	1.8982+1.8561i	-0.1079-0.0504i
53.3	12.3805-0.9432i	-13.7320-0.1939i	21.8905+2.0918i	-1.9691+1.5565i	0.4468-0.1796i	0.2374+0.5516i	1.9175+1.8384i	-0.1126-0.0617i
53.4	12.4055-0.9207i	-13.8963-0.0585i	22.0645+1.9001i	-1.9189+1.5273i	0.4647-0.1770i	0.2340+0.5232i	1.9180+1.8097i	-0.1477-0.0756i
53.5	12.4789-0.9149i	-14.1785+0.1564i	22.4222+1.9222i	-1.9604+1.5270i	0.4685-0.1168i	0.2451+0.4813i	1.9269+1.7186i	-0.1707-0.0876i
53.6	12.5741-0.8910i	-14.2896+0.2917i	22.6627+2.0401i	-2.0488+1.4873i	0.5427-0.0866i	0.2226+0.4491i	1.8411+1.6643i	-0.1662-0.0945i
53.7	12.7430-0.8623i	-14.5077+0.2471i	22.9680+2.2221i	-2.1349+1.4594i	0.5530-0.1636i	0.2064+0.4802i	1.8092+1.7553i	-0.1669-0.0949i
53.8	12.8347-0.9255i	-14.9479+0.4027i	23.4651+2.2931i	-2.0985+1.5376i	0.4975-0.1593i	0.2286+0.4793i	1.8673+1.7780i	-0.1671-0.1083i
53.9	12.8592-0.9473i	-15.2841+0.6825i	23.8393+2.4040i	-2.1245+1.5322i	0.4850-0.1172i	0.2396+0.4560i	1.9084+1.7382i	-0.1871-0.1273i
54.0	12.8509-0.9546i	-15.4091+0.7211i	24.2204+2.2267i	-2.0998+1.5622i	0.4964-0.1215i	0.2357+0.4493i	1.9379+1.7313i	-0.2170-0.1282i
54.1	12.8881-0.9345i	-15.6084+0.9146i	24.6049+2.1811i	-2.1102+1.5611i	0.4974-0.0989i	0.2196+0.4412i	1.9532+1.6935i	-0.2259-0.1153i
54.2	12.9852-0.8271i	-15.8808+1.0259i	25.3844+2.1367i	-2.1270+1.4131i	0.4756-0.0651i	0.2131+0.4465i	2.0229+1.6180i	-0.1922-0.0954i
54.3	13.0775-0.7878i	-16.1731+1.2512i	25.7166+2.0361i	-2.1126+1.3967i	0.4567-0.0488i	0.2688+0.4555i	2.0547+1.5614i	-0.2003-0.1094i
54.4	13.2311-0.7414i	-16.5376+1.3875i	26.1473+1.8359i	-2.2246+1.3620i	0.4824-0.0224i	0.2547+0.4230i	1.9954+1.4807i	-0.1943-0.1329i
54.5	13.4258-0.6992i	-16.9193+1.5650i	26.4423+1.8307i	-2.2737+1.3506i	0.4835+0.0109i	0.2657+0.4017i	1.9750+1.4115i	-0.2070-0.1455i
54.6	13.5760-0.7122i	-17.3280+1.8400i	26.7954+1.8655i	-2.3301+1.3789i	0.4746+0.0468i	0.2717+0.3744i	1.9608+1.3628i	-0.2110-0.1380i
54.7	13.6878-0.7889i	-17.4725+2.1042i	27.2667+1.7225i	-2.3931+1.3688i	0.4937+0.0636i	0.2662+0.3439i	1.9356+1.3211i	-0.2192-0.1355i
54.8	13.8617-0.8611i	-17.5668+2.3507i	27.9405+1.4409i	-2.4556+1.3898i	0.5155+0.0733i	0.2289+0.3526i	1.8946+1.2973i	-0.2271-0.1625i
54.9	14.0039-0.8227i	-17.9566+2.5463i	28.1114+1.4957i	-2.5064+1.4079i	0.5302+0.0767i	0.2253+0.3683i	1.8697+1.2905i	-0.2510-0.1669i
55.0	14.1273-0.8144i	-18.1854+2.7961i	28.3841+1.6108i	-2.5863+1.3909i	0.5472+0.1031i	0.2302+0.3541i	1.8379+1.2540i	-0.2656-0.1586i
55.1	14.2807-0.8503i	-18.2733+3.0373i	29.0865+1.5232i	-2.6097+1.4295i	0.5869+0.1161i	0.2295+0.3344i	1.7668+1.2315i	-0.2686-0.1635i
55.2	14.3531-0.8913i	-18.3925+3.2730i	29.7088+1.4765i	-2.6015+1.4958i	0.6083+0.1333i	0.2309+0.3383i	1.7304+1.2051i	-0.2804-0.1669i
55.3	14.4604-0.8875i	-18.6432+3.5710i	29.9126+1.6299i	-2.6558+1.4684i	0.6204+0.1323i	0.2341+0.3313i	1.7145+1.1915i	-0.2891-0.1491i
55.4	14.5754-1.0015i	-18.7219+3.7566i	30.4092+1.3830i	-2.7234+1.4578i	0.6538+0.1191i	0.2206+0.3325i	1.6607+1.2143i	-0.3012-0.1538i
55.5	14.6756-1.0013i	-18.8805+3.7763i	30.9770+1.1074i	-2.7884+1.4450i	0.6709+0.0976i	0.2359+0.3568i	1.6420+1.2372i	-0.3260-0.1620i
55.6	14.7112-0.9946i	-18.9112+4.0960i	31.4693+1.1623i	-2.8004+1.4649i	0.6796+0.1076i	0.2515+0.3662i	1.6192+1.2243i	-0.3533-0.1654i
55.7	14.8244-1.0242i	-19.1152+4.2192i	31.9129+0.9384i	-2.8485+1.5219i	0.7018+0.1258i	0.2658+0.3382i	1.5955+1.2108i	-0.3778-0.1548i
55.8	15.0482-1.0492i	-19.5068+4.3436i	32.5090+0.8478i	-2.9006+1.5529i	0.7018+0.1069i	0.2801+0.3252i	1.5813+1.2258i	-0.3873-0.1293i
55.9	15.1874-1.0112i	-19.6916+4.3641i	33.1741+0.8708i	-2.9616+1.5434i	0.7146+0.1040i	0.2795+0.3019i	1.5525+1.2317i	-0.3796-0.1045i
56.0	15.2825-0.9836i	-19.9419+4.5010i	33.7192+0.8443i	-3.0249+1.5240i	0.7344+0.0957i	0.2670+0.2892i	1.5188+1.2432i	-0.3827-0.0871i

56.1	15.4042-1.1657i	-20.3761+4.9196i	34.2750+0.5631i	-3.0795+1.6122i	0.7410+0.0853i	0.2528+0.3206i	1.5251+1.2630i	-0.3781-0.0879i
56.2	15.5303-1.2372i	-20.6816+4.9236i	34.9724+0.4294i	-3.1207+1.6369i	0.7512+0.0965i	0.2756+0.3090i	1.5212+1.2510i	-0.3768-0.0784i
56.3	15.6476-1.1143i	-20.9357+4.9181i	35.5440+0.2314i	-3.1911+1.6096i	0.7423+0.0973i	0.2869+0.2921i	1.5181+1.2550i	-0.3726-0.0647i
56.4	15.7967-1.1232i	-21.2130+5.0144i	36.1177-0.1657i	-3.2409+1.6228i	0.7520+0.1122i	0.2843+0.2659i	1.5054+1.2336i	-0.3561-0.0592i
56.5	15.9328-1.1456i	-21.5901+5.1754i	36.7008-0.4007i	-3.2934+1.6283i	0.7811+0.1045i	0.2754+0.2584i	1.4720+1.2442i	-0.3527-0.0495i
56.6	16.0416-1.2479i	-21.8241+5.3794i	37.3818-0.8774i	-3.3589+1.7137i	0.7893+0.0842i	0.2753+0.2495i	1.4665+1.2536i	-0.3530-0.0252i
56.7	16.2177-1.2745i	-22.4595+5.5893i	37.8756-1.1230i	-3.3934+1.7881i	0.7947+0.0932i	0.2701+0.2176i	1.4653+1.2182i	-0.3321-0.0303i
56.8	16.3959-1.2265i	-22.9115+5.6035i	38.5107-1.1393i	-3.4397+1.7612i	0.8033+0.0948i	0.2658+0.2012i	1.4388+1.2083i	-0.3251-0.0360i
56.9	16.6119-1.3292i	-23.3214+5.8363i	39.2863-1.7051i	-3.5450+1.7848i	0.8190+0.0997i	0.2660+0.1861i	1.4377+1.2311i	-0.3318-0.0523i
57.0	16.8461-1.3434i	-23.8036+6.2651i	39.9574-1.7184i	-3.6192+1.7976i	0.8402+0.0937i	0.2538+0.1864i	1.4231+1.2594i	-0.3396-0.0614i
57.1	17.0355-1.4844i	-24.4753+6.6150i	40.5044-1.8941i	-3.6195+1.9061i	0.8536+0.0961i	0.2149+0.1733i	1.4060+1.2341i	-0.3330-0.0772i
57.2	17.1513-1.4767i	-24.8675+6.8529i	41.3482-2.3199i	-3.7234+1.9149i	0.8428+0.0963i	0.2073+0.2024i	1.4014+1.2121i	-0.3066-0.0806i
57.3	17.3020-1.5099i	-25.3043+7.2603i	41.8273-2.8957i	-3.8460+1.9513i	0.8554+0.1021i	0.2327+0.1849i	1.3841+1.2152i	-0.3322-0.0703i
57.4	17.4444-1.7554i	-25.8366+7.8805i	42.6740-3.6626i	-3.8902+2.0795i	0.8805+0.0877i	0.2354+0.1696i	1.3707+1.2238i	-0.3743-0.0661i
57.5	17.6563-1.9548i	-26.5296+8.4550i	43.7130-4.0308i	-4.0654+2.1993i	0.9028+0.0751i	0.2313+0.1608i	1.3591+1.2254i	-0.3878-0.0544i
57.6	17.7901-1.9040i	-27.2498+8.8886i	43.7885-4.0633i	-4.0908+2.2362i	0.9200+0.0649i	0.2201+0.1562i	1.3460+1.2089i	-0.3857-0.0360i
57.7	17.9369-2.0150i	-27.9975+9.2835i	43.9334-4.5855i	-4.1803+2.3360i	0.9264+0.0585i	0.2123+0.1445i	1.3308+1.2178i	-0.3885-0.0219i
57.8	18.2227-2.0728i	-28.4186+9.9665i	45.0384-4.9380i	-4.3000+2.3996i	0.9297+0.0421i	0.2175+0.1434i	1.3371+1.2417i	-0.3908-0.0101i
57.9	18.3668-2.2503i	-28.9122+10.9075i	45.6375-5.3582i	-4.3918+2.5371i	0.9402+0.0359i	0.2118+0.1259i	1.3341+1.2369i	-0.3830+0.0050i
58.0	18.7164-2.4603i	-30.2288+12.0817i	46.4962-5.9756i	-4.5508+2.7789i	0.9561+0.0381i	0.2007+0.1102i	1.3198+1.2075i	-0.3787+0.0057i
58.1	18.9255-2.6217i	-31.0513+12.7604i	47.2006-6.4508i	-4.6798+2.8776i	0.9809+0.0261i	0.1930+0.0930i	1.3047+1.2112i	-0.3982+0.0229i
58.2	19.1983-2.8448i	-31.7064+14.1070i	48.1537-7.1501i	-4.8437+3.0761i	1.0020+0.0008i	0.1866+0.0883i	1.2950+1.2479i	-0.4353+0.0594i
58.3	19.2688-3.0525i	-32.1987+15.2988i	48.9138-7.8065i	-4.9094+3.2530i	1.0186-0.0096i	0.1605+0.0904i	1.2720+1.2488i	-0.4284+0.0859i
58.4	19.3319-3.1996i	-32.8124+16.6702i	49.4756-8.2346i	-5.0198+3.4975i	1.0163-0.0191i	0.1501+0.0815i	1.2764+1.2334i	-0.3938+0.1310i
58.5	19.5297-3.4072i	-33.3840+18.3706i	50.2966-8.8237i	-5.1118+3.8048i	1.0203-0.0268i	0.1415+0.0735i	1.3009+1.2066i	-0.3460+0.1474i
58.6	19.8382-3.6240i	-33.7205+20.6124i	50.9268-9.8264i	-5.2687+4.1974i	1.0365-0.0647i	0.1374+0.0605i	1.3145+1.2131i	-0.3239+0.1743i
58.7	19.8091-4.1462i	-33.2301+23.3400i	51.2717-11.3439i	-5.1939+4.6364i	1.0344-0.0969i	0.1367+0.0546i	1.3316+1.1969i	-0.2842+0.1840i
58.8	19.8820-4.6344i	-33.3495+26.3656i	52.0762-12.2042i	-5.1761+5.1859i	1.0456-0.1326i	0.1402+0.0465i	1.3594+1.1628i	-0.2538+0.2021i
58.9	19.8889-4.9631i	-32.4237+29.0681i	52.3417-13.1388i	-5.0399+5.7031i	1.0508-0.1708i	0.1165+0.0350i	1.3645+1.1531i	-0.2246+0.2092i
59.0	19.8627-5.3427i	-30.8217+32.1881i	52.4282-13.8611i	-4.7282+6.3439i	1.0432-0.1873i	0.0891+0.0160i	1.3814+1.0732i	-0.1936+0.2048i
59.1	19.6442-5.8990i	-27.7776+36.0914i	52.6608-15.1462i	-4.1829+7.1563i	1.0277-0.2284i	0.0611+0.0072i	1.3883+0.9660i	-0.1551+0.2250i
59.2	19.2659-6.0889i	-23.8668+38.4463i	52.3566-16.0489i	-3.5088+7.6532i	0.9955-0.2648i	0.0553-0.0028i	1.3768+0.8349i	-0.1003+0.1831i
59.3	18.8899-6.2224i	-18.5894+39.4880i	51.9569-16.3722i	-2.5034+7.9934i	0.9486-0.2881i	0.0429-0.0101i	1.3002+0.7222i	-0.0632+0.1388i
59.4	18.5337-6.2171i	-12.2300+38.6912i	51.6058-16.7545i	-1.2338+8.0241i	0.8912-0.2921i	-0.0018-0.0065i	1.1547+0.6359i	-0.0289+0.0847i
59.5	18.3188-6.1734i	-7.1323+36.5850i	51.7032-17.0750i	-0.2311+7.7073i	0.8484-0.2859i	-0.0308-0.0149i	1.0299+0.5575i	-0.0062+0.0615i
59.6	18.0589-5.5540i	-3.0619+31.5146i	51.2262-15.9341i	0.7241+6.9275i	0.8054-0.2447i	-0.0679+0.0011i	0.8558+0.5261i	0.0020+0.0200i
59.7	18.0061-5.2422i	-0.9266+26.5359i	51.7999-15.5073i	1.4067+6.0900i	0.7771-0.2157i	-0.0922+0.0269i	0.6806+0.5513i	0.0093-0.0194i
59.8	18.2955-4.9176i	-0.9019+21.8858i	52.8190-15.2313i	1.5804+5.2267i	0.7800-0.1908i	-0.0999+0.0371i	0.5379+0.5961i	0.0121-0.0358i
59.9	18.8407-4.6303i	-2.1633+17.8033i	54.1522-14.9606i	1.8441+4.3788i	0.7970-0.1630i	-0.1115+0.0517i	0.4370+0.7022i	0.0344-0.0469i
60.0	19.8745-4.1967i	-2.7001+16.3571i	56.4353-14.5941i	2.9537+5.0043i	0.7909-0.1569i	-0.1041+0.0742i	0.3587+0.7924i	0.0172-0.0679i
60.1	19.8106-4.4624i	-6.1327+13.2301i	57.3831-15.1838i	1.4694+4.0933i	0.8247-0.1378i	-0.1346+0.0768i	0.2560+0.8895i	0.0078-0.0852i
60.2	20.1223-5.3178i	-8.5796+10.5381i	58.4970-16.6093i	0.9271+2.6958i	0.8420-0.1247i	-0.1487+0.0853i	0.1986+0.9637i	0.0005-0.1134i
60.3	20.4344-5.7911i	-10.7473+9.5224i	59.4001-17.6524i	0.6996+2.3739i	0.8632-0.1347i	-0.1679+0.0970i	0.1326+1.0284i	0.0037-0.1332i
60.4	20.7268-6.1515i	-12.7705+9.1905i	61.0000-18.3643i	0.5042+2.0821i	0.8790-0.1382i	-0.1610+0.1122i	0.0900+1.1094i	-0.0030-0.1592i
60.5	20.9144-6.4473i	-14.7940+8.6723i	62.2834-19.0973i	0.2494+1.8161i	0.8885-0.1404i	-0.1631+0.1212i	0.0415+1.1674i	-0.0157-0.1944i
60.6	21.3996-6.7693i	-16.7884+8.3310i	63.6568-20.1054i	-0.0440+1.6107i	0.9093-0.1493i	-0.1770+0.1248i	-0.0107+1.2197i	-0.0469-0.2511i
60.7	21.5790-7.2798i	-18.0444+8.7277i	64.6321-21.4599i	-0.2495+1.4631i	0.9140-0.1718i	-0.1644+0.1419i	-0.0467+1.3399i	-0.0909-0.2681i
60.8	21.2448-7.9301i	-19.5168+9.2413i	65.1136-22.9496i	-0.4686+1.4208i	0.8972-0.1849i	-0.1540+0.1254i	-0.0407+1.4258i	-0.1402-0.2454i
60.9	21.1033-8.5705i	-20.5512+9.6513i	65.7020-24.4773i	-0.5921+1.3953i	0.9006-0.1973i	-0.1820+0.1043i	-0.0592+1.4589i	-0.1573-0.2131i
61.0	21.2703-9.0042i	-21.6740+9.9261i	66.5965-25.0862i	-0.8074+1.2764i	0.9002-0.2057i	-0.2178+0.1163i	-0.0939+1.5335i	-0.1532-0.1887i
61.1	21.4624-9.5413i	-22.9096+10.4034i	67.5801-26.3415i	-0.9749+1.1096i	0.8920-0.2191i	-0.2565+0.1154i	-0.1258+1.6085i	-0.1103-0.1747i
61.2	20.8237-10.4935i	-23.3280+11.1456i	67.8928-28.2048i	-1.1016+1.1302i	0.8852-0.2329i	-0.2671+0.1327i	-0.1058+1.6693i	-0.0911-0.1589i
61.3	21.0252-11.2817i	-24.9359+11.9399i	69.5064-29.6051i	-1.2524+1.1027i	0.8876-0.2426i	-0.3215+0.1629i	-0.1971+1.7612i	-0.0513-0.1718i
61.4	20.7495-12.0147i	-25.8230+12.5885i	70.3428-30.7655i	-1.3885+1.0997i	0.8858-0.2489i	-0.3469+0.1822i	-0.1932+1.8315i	-0.0325-0.1873i
61.5	20.0006-12.4568i	-25.9782+12.9312i	70.2517-32.3507i	-1.5398+1.1024i	0.8639-0.2551i	-0.3608+0.2002i	-0.1401+1.8741i	-0.0080-0.1949i
61.6	18.9140-13.3659i	-26.1361+13.9732i	70.2615-34.1284i	-1.6612+1.0915i	0.8486-0.2717i	-0.3517+0.2333i	-0.1176+1.9921i	0.0175-0.2054i
61.7	18.3960-14.1012i	-26.7338+14.4381i	70.8702-35.0481i	-1.8122+1.1138i	0.8484-0.2785i	-0.3826+0.2612i	-0.1380+2.0403i	0.0360-0.2249i
61.8	17.3052-14.5910i	-26.7314+15.2032i	71.3806-36.4382i	-1.9358+1.0649i	0.8331-0.2770i	-0.3923+0.2857i	-0.0756+2.1167i	0.0832-0.2654i
61.9	16.2840-14.9377i	-26.7723+15.5430i	71.4731-37.9319i	-1.9645+1.0701i	0.8165-0.2865i	-0.3546+0.2960i	0.0013+2.1637i	0.0964-0.3091i
62.0	15.5712-14.7990i	-27.0086+15.4720i	71.4869-37.6000i	-2.0369+1.0230i	0.8136-0.2848i	-0.3614+0.3261i	0.0096+2.1974i	0.0901-0.3478i
62.1	14.5353-15.0773i	-27.5924+15.6727i	72.7670-39.1477i	-2.1656+0.9898i	0.8040-0.2866i	-0.3804+0.3492i	0.0215+2.2400i	0.0946-0.4116i
62.2	13.4057-15.3086i	-27.3067+16.1993i	73.1445-39.8966i	-2.2628+0.9802i	0.7909-0.2888i	-0.3624+0.3682i	0.0772+2.2778i	0.0948-0.4329i
62.3	11.9650-15.3229i	-27.9595+16.4079i	74.4693-41.1222i	-2.4691+1.0593i	0.7738-0.2907i	-0.3532+0.3756i	0.0819+2.2840i	0.0672-0.5016i

62.4	11.0648-14.6959i	-28.3318+16.0789i	74.7757-42.2711i	-2.5385+1.1148i	0.7627-0.2921i	-0.3655+0.3605i	0.0999+2.2683i	0.0443-0.5462i
62.5	10.0686-13.5830i	-28.2607+15.0801i	76.2169-42.5996i	-2.6643+1.1806i	0.7703-0.2747i	-0.3832+0.3475i	0.1622+2.2513i	0.0425-0.5500i
62.6	9.0943-12.7029i	-28.9791+14.0710i	77.2077-43.5917i	-2.6775+1.2397i	0.7506-0.2690i	-0.3889+0.3465i	0.1946+2.1988i	0.0550-0.5939i
62.7	8.1622-12.5797i	-30.6024+14.6112i	79.4138-45.0270i	-2.7163+1.3188i	0.7444-0.2688i	-0.3919+0.3665i	0.1185+2.2168i	0.0276-0.6554i
62.8	7.9057-11.7810i	-31.1612+13.9783i	81.1069-46.7868i	-2.7857+1.2763i	0.7504-0.2805i	-0.4448+0.3680i	0.0676+2.1926i	0.0103-0.7152i
62.9	7.4659-9.6632i	-32.2630+13.0433i	81.4250-48.5275i	-2.8009+1.2612i	0.7223-0.2632i	-0.4468+0.3574i	0.0708+2.1999i	-0.0219-0.7221i
63.0	6.7562-9.3352i	-34.0076+13.0807i	83.0444-50.1075i	-2.8487+1.3649i	0.7180-0.2668i	-0.4881+0.3607i	0.0108+2.1853i	-0.0551-0.7737i
63.1	6.1589-8.9190i	-35.8025+12.8397i	86.3889-53.1592i	-2.9153+1.5095i	0.7302-0.2704i	-0.5394+0.3825i	-0.0425+2.1288i	-0.1130-0.8442i
63.2	6.4730-7.8757i	-37.4686+12.3604i	87.8500-55.6369i	-2.9770+1.4797i	0.7277-0.2710i	-0.5826+0.3822i	-0.0976+2.0807i	-0.1568-0.8690i
63.3	6.1428-7.1300i	-40.0086+12.0057i	88.2524-58.4846i	-3.0023+1.5474i	0.7028-0.2741i	-0.6330+0.4225i	-0.1999+2.0663i	-0.2181-0.9101i
63.4	5.5648-6.3037i	-41.9765+11.8147i	88.8596-59.8680i	-2.8545+1.5215i	0.6914-0.2724i	-0.6733+0.4329i	-0.2652+2.0785i	-0.2512-0.9134i
63.5	5.3510-5.9939i	-45.1687+11.5752i	90.6410-62.9338i	-2.7287+1.5123i	0.6901-0.2773i	-0.7469+0.4752i	-0.4025+2.0514i	-0.3041-0.9135i
63.6	4.9579-4.8554i	-49.9323+13.1949i	92.0356-67.8225i	-2.6928+1.5723i	0.6704-0.2832i	-0.7882+0.5587i	-0.5855+2.1027i	-0.3802-0.9447i
63.7	4.8765-3.9977i	-52.7936+15.7352i	91.7610-71.7352i	-2.7130+1.5497i	0.6507-0.2800i	-0.8085+0.6242i	-0.7120+2.1831i	-0.4442-0.9558i
63.8	4.6938-2.9204i	-55.2200+18.2569i	92.6446-74.0434i	-2.6798+1.5159i	0.6411-0.2717i	-0.8638+0.6585i	-0.8200+2.2525i	-0.4711-0.9463i
63.9	4.6484-1.9869i	-58.8145+19.9945i	94.0729-77.6839i	-2.6797+1.4727i	0.6309-0.2751i	-0.9235+0.7363i	-0.9719+2.3207i	-0.5019-0.9249i
64.0	4.4515-0.7712i	-61.7082+20.9817i	95.2828-81.3629i	-2.6414+1.3837i	0.6178-0.2831i	-1.0101+0.8190i	-1.1112+2.3579i	-0.5326-0.9458i
64.1	4.3073-0.2628i	-65.2020+24.1673i	98.0607-84.9869i	-2.6827+1.3063i	0.6140-0.2678i	-1.0508+0.9219i	-1.2978+2.5068i	-0.5685-0.9752i
64.2	4.1711+0.9596i	-67.9055+28.7087i	98.5623-89.6682i	-2.7347+1.1483i	0.5944-0.2638i	-1.0789+1.0028i	-1.4370+2.6818i	-0.6077-0.9645i
64.3	4.9110+3.1126i	-68.3101+35.0174i	96.5953-93.8709i	-2.7879+0.8926i	0.5745-0.2531i	-1.0805+1.0808i	-1.4849+2.9620i	-0.6710-0.9537i
64.4	5.1500+3.3624i	-70.9609+36.8183i	98.2314-96.7595i	-2.7604+0.9273i	0.5700-0.2496i	-1.1331+1.1952i	-1.6543+3.0120i	-0.7012-0.9734i
64.5	5.2136+4.8338i	-73.9190+42.7243i	101.1864-103.1707i	-2.9044+0.8696i	0.5503-0.2442i	-1.1602+1.3512i	-1.8417+3.2658i	-0.7239-0.9828i
64.6	5.3784+6.3598i	-75.6277+47.2349i	100.5407-106.5593i	-3.0058+0.6637i	0.5274-0.2358i	-1.1741+1.4858i	-1.9900+3.4518i	-0.7521-0.9951i
64.7	5.0450+7.8422i	-77.8629+53.4833i	101.2092-111.9426i	-3.0362+0.6049i	0.5074-0.2331i	-1.1685+1.6427i	-2.1869+3.7253i	-0.8165-1.0244i
64.8	6.7027+9.5343i	-74.9515+60.7921i	99.5681-121.2025i	-3.2800+0.4356i	0.4909-0.2305i	-1.0957+1.8122i	-2.1103+4.1243i	-0.9049-1.0155i
64.9	7.7483+11.0013i	-74.0892+66.0565i	98.2676-125.9535i	-3.3531+0.3090i	0.4728-0.2081i	-1.0575+1.9711i	-2.1878+4.4348i	-0.9503-1.0115i
65.0	8.4187+11.7697i	-75.9977+70.0709i	99.8837-132.3154i	-3.5080+0.3771i	0.4523-0.1973i	-1.0676+2.1570i	-2.3590+4.6801i	-1.0230-1.0263i
65.1	9.7441+12.6957i	-73.1329+75.9249i	97.3794-141.0696i	-3.6243+0.3457i	0.4362-0.1787i	-0.9614+2.3197i	-2.2708+5.0800i	-1.0955-0.9738i
65.2	11.4208+14.0701i	-68.9599+82.1869i	92.0180-148.2037i	-4.0166+0.1914i	0.4269-0.1580i	-0.8413+2.4416i	-2.1062+5.4748i	-1.1632-0.9434i
65.3	13.2042+15.3168i	-66.2354+87.7584i	90.8893-157.2545i	-4.2884+0.0632i	0.4000-0.1385i	-0.7125+2.6430i	-2.0356+5.9126i	-1.2075-0.9173i
65.4	13.7918+15.9894i	-65.0730+92.6611i	86.6782-164.5129i	-4.3025+0.1465i	0.3672-0.1151i	-0.5962+2.8378i	-2.0455+6.2601i	-1.2336-0.8917i
65.5	14.6933+16.4932i	-62.6391+98.0941i	79.9146-170.2054i	-4.3584+0.1520i	0.3270-0.0807i	-0.3991+3.0048i	-2.0381+6.5575i	-1.2704-0.8553i
65.6	16.4504+16.8046i	-59.5846+100.6271i	74.8508-175.1856i	-4.5708+0.1966i	0.3059-0.0547i	-0.2300+3.1269i	-1.8367+6.7734i	-1.2764-0.8307i
65.7	18.4625+17.2132i	-52.3930+104.2773i	65.3257-180.0281i	-4.8251+0.3109i	0.2939-0.0123i	0.0108+3.1861i	-1.3897+7.1669i	-1.3229-0.7773i
65.8	20.6958+17.9828i	-45.8189+111.4262i	54.9172-189.8416i	-5.0792+0.3737i	0.2873+0.0447i	0.3601+3.3174i	-1.0463+7.7375i	-1.4153-0.7640i
65.9	21.7287+18.0219i	-42.8470+113.6596i	48.7892-193.5962i	-5.2657+0.3388i	0.2648+0.0700i	0.5298+3.4009i	-0.8948+7.8945i	-1.4475-0.7455i
66.0	23.0752+18.0535i	-37.7066+117.0271i	38.5383-198.5553i	-5.2382+0.3867i	0.2479+0.1193i	0.7839+3.4609i	-0.6048+8.1487i	-1.4833-0.7121i
66.1	24.9726+17.3765i	-29.1111+118.3395i	24.7087-202.0627i	-5.4819+0.7059i	0.2683+0.1703i	1.0850+3.4058i	-0.0060+8.3852i	-1.5260-0.6448i
66.2	26.7348+17.1178i	-24.0855+119.9549i	17.0744-203.9836i	-5.6724+0.8079i	0.2831+0.2057i	1.3010+3.3662i	0.3540+8.5616i	-1.5648-0.5938i
66.3	28.2011+16.7953i	-19.1497+119.8136i	7.7889-201.1991i	-5.7041+0.8794i	0.2804+0.2553i	1.5673+3.2678i	0.7221+8.6441i	-1.5609-0.5358i
66.4	30.3141+16.4886i	-9.9150+119.1223i	-4.2165-199.0889i	-5.9745+0.9003i	0.3165+0.3290i	1.8680+3.0168i	1.3440+8.8124i	-1.5861-0.4717i
66.5	31.5433+15.8613i	-4.5795+122.7691i	-14.7399-201.9049i	-5.9144+0.9882i	0.3158+0.3740i	2.1732+2.9939i	1.6573+9.0206i	-1.6258-0.4751i
66.6	32.5248+15.6916i	1.0372+126.5104i	-25.9001-203.4987i	-5.9809+1.1852i	0.2966+0.4230i	2.4633+2.9730i	1.9334+9.2507i	-1.7020-0.4672i
66.7	33.5744+14.7602i	6.6909+124.2189i	-34.2368-200.2405i	-6.1373+1.2818i	0.3258+0.4700i	2.6239+2.7942i	2.3893+9.1979i	-1.7293-0.4265i
66.8	34.6063+13.9451i	11.8068+121.2770i	-41.6253-195.1511i	-6.1393+1.2522i	0.3617+0.5276i	2.7666+2.5513i	2.7749+9.1251i	-1.7382-0.3898i
66.9	35.6378+12.9672i	17.5580+119.2262i	-49.9811-191.3852i	-6.2006+1.5330i	0.4025+0.5700i	2.8907+2.3328i	3.2300+9.0522i	-1.7868-0.3365i
67.0	36.9859+11.7161i	22.8147+114.2734i	-58.6976-183.1441i	-6.4474+1.6099i	0.4539+0.5987i	2.9816+2.0293i	3.7447+8.7632i	-1.8160-0.2477i
67.1	37.8182+10.8970i	26.7735+112.3550i	-64.7362-178.0963i	-6.4930+1.8022i	0.4969+0.6349i	3.0531+1.8267i	4.0750+8.6680i	-1.8410-0.1868i
67.2	38.3298+10.8546i	30.5527+112.9754i	-69.6041-174.7616i	-6.4905+1.8621i	0.5163+0.6991i	3.1872+1.6868i	4.2542+8.7535i	-1.8991-0.1461i
67.3	39.0863+9.3805i	33.3876+110.6828i	-75.9112-170.0920i	-6.5150+1.9681i	0.5598+0.7161i	3.2421+1.4963i	4.5667+8.5158i	-1.9321-0.0842i
67.4	39.5158+8.3294i	36.3480+107.4359i	-80.4318-164.4648i	-6.5335+2.0847i	0.6001+0.7342i	3.2483+1.3105i	4.8127+8.3009i	-1.9517-0.0211i
67.5	39.8424+7.6194i	38.1099+103.9766i	-82.9000-158.0058i	-6.5728+2.1044i	0.6345+0.7500i	3.2335+1.1432i	4.9814+8.0793i	-1.9498+0.0477i
67.6	40.8244+6.8886i	43.1474+99.1639i	-88.0697-150.6444i	-6.5977+2.1997i	0.7106+0.7858i	3.2314+0.8779i	5.4066+7.9111i	-1.9589+0.1655i
67.7	41.5554+5.6159i	46.1325+94.0139i	-91.9683-143.2151i	-6.6119+2.2989i	0.7790+0.7837i	3.1913+0.6473i	5.7604+7.5846i	-1.9402+0.2705i
67.8	41.5196+5.0086i	46.8815+91.8278i	-93.3765-137.2685i	-6.5500+2.3012i	0.7952+0.8042i	3.1437+0.5183i	5.7970+7.3828i	-1.9182+0.3163i
67.9	41.4215+4.3864i	48.4221+91.4506i	-95.4166-133.9164i	-6.5161+2.3836i	0.8144+0.8346i	3.1721+0.4136i	5.8670+7.3105i	-1.9099+0.3749i
68.0	41.3722+3.5220i	47.2233+87.9271i	-94.5479-128.2900i	-6.5579+2.4644i	0.8340+0.8375i	3.0851+0.3486i	5.8801+7.0353i	-1.8552+0.4092i
68.1	42.1891+2.5952i	49.8991+84.3127i	-97.9904-122.5717i	-6.6234+2.6264i	0.9056+0.8403i	3.0173+0.1733i	6.1692+6.8056i	-1.8300+0.4817i
68.2	42.3672+1.4779i	51.7448+80.7740i	-100.5203-116.0152i	-6.6450+2.7954i	0.9651+0.8289i	2.9059+0.0014i	6.3699+6.4776i	-1.7521+0.5423i
68.3	42.8572+1.3000i	53.6266+80.4553i	-102.0674-113.2856i	-6.7325+2.8764i	1.0049+0.8710i	2.9265-0.1104i	6.4857+6.4879i	-1.7530+0.5912i
68.4	43.3104+0.8636i	54.6091+77.9245i	-103.0872-108.5339i	-6.8042+2.8874i	1.0585+0.8792i	2.8606-0.2006i	6.5985+6.3320i	-1.7180+0.6226i
68.5	43.8557+0.3720i	55.9717+74.5975i	-103.4164-103.0758i	-6.8370+2.9226i	1.1347+0.8886i	2.8089-0.3320i	6.7969+6.1450i	-1.6847+0.6269i
68.6	44.4861-0.3916i	57.9965+72.2277i	-104.8603-99.2746i	-6.9760+3.0519i	1.2123+0.8998i	2.7577-0.4616i	7.0193+6.0404i	-1.6818+0.6485i

68.7	44.7952-0.9913i	57.5616+71.0679i	-103.7214-96.4923i	-7.0014+3.1189i	1.2601+0.8985i	2.6965-0.5197i	7.0648+5.9027i	-1.6657+0.6769i
68.8	44.3996-1.9273i	57.3371+67.7561i	-103.8436-90.4469i	-6.8353+3.1867i	1.2867+0.8680i	2.6063-0.6012i	7.0754+5.5660i	-1.6265+0.7180i
68.9	44.4141-2.6976i	57.4842+66.1596i	-104.1150-86.8761i	-6.7987+3.2578i	1.3159+0.8684i	2.5425-0.6688i	7.0779+5.3918i	-1.6197+0.7473i
69.0	45.1594-2.8637i	57.9429+64.4629i	-103.8536-83.9672i	-7.0141+3.3303i	1.3757+0.8776i	2.4634-0.7385i	7.2204+5.3248i	-1.5978+0.7777i
69.1	45.8807-3.7676i	59.2105+61.5177i	-103.6989-79.6083i	-7.1374+3.3916i	1.4723+0.8559i	2.3774-0.8450i	7.4428+5.1272i	-1.5923+0.8178i
69.2	45.7468-4.7403i	60.1502+60.3109i	-104.8115-76.8311i	-7.0718+3.5268i	1.5157+0.8472i	2.3389-0.8887i	7.5132+4.9630i	-1.5986+0.8229i
69.3	45.3712-5.5656i	60.3256+57.6713i	-103.1058-71.8516i	-6.9545+3.6070i	1.5591+0.8196i	2.2015-0.9323i	7.4988+4.7213i	-1.5586+0.8274i
69.4	45.7271-5.5670i	59.3274+55.3893i	-101.2176-67.8157i	-6.9902+3.6217i	1.5883+0.8068i	2.1320-0.9512i	7.4822+4.5605i	-1.5198+0.8340i
69.5	45.9604-6.1637i	57.8110+53.5622i	-99.4246-64.3253i	-7.0763+3.6557i	1.6188+0.7803i	2.0816-0.9757i	7.4627+4.3657i	-1.5182+0.8443i
69.6	45.3726-8.0718i	57.5011+51.6352i	-99.1305-60.3158i	-6.9608+3.9522i	1.6357+0.7046i	1.9862-1.0110i	7.4068+3.9932i	-1.4898+0.8795i
69.7	45.7801-7.2842i	59.1434+52.0752i	-97.4629-58.8095i	-7.1113+3.7886i	1.7088+0.7552i	1.9532-1.1026i	7.4868+4.1476i	-1.5249+0.8844i
69.8	46.4141-8.2365i	59.9925+51.2814i	-97.9565-57.2084i	-7.2310+3.9870i	1.7840+0.7250i	1.9122-1.1488i	7.6558+4.0156i	-1.5295+0.9147i
69.9	46.7262-9.0601i	62.2399+48.4762i	-97.5682-53.8368i	-7.3052+4.1256i	1.8749+0.7047i	1.7827-1.2193i	7.8237+3.8603i	-1.5603+0.9622i
70.0	47.1700-9.4831i	62.4872+48.3998i	-97.0778-52.1769i	-7.3237+4.1820i	1.9202+0.6904i	1.7511-1.2603i	7.8604+3.7959i	-1.5992+1.0027i
70.1	47.6930-10.0893i	63.0403+45.2975i	-95.6878-48.3779i	-7.4026+4.3236i	2.0021+0.6433i	1.6188-1.3273i	8.0069+3.5945i	-1.5918+1.0840i
70.2	47.5907-10.6740i	63.4110+44.0142i	-95.0743-47.2273i	-7.4525+4.4000i	2.0231+0.6197i	1.5449-1.2969i	7.9909+3.4999i	-1.6007+1.1353i
70.3	47.4795-11.2835i	63.9903+42.7816i	-93.8526-44.5393i	-7.4194+4.4852i	2.0491+0.5913i	1.4482-1.3084i	7.9691+3.3774i	-1.5800+1.1894i
70.4	47.5666-12.6055i	65.9536+39.0919i	-93.3730-40.0048i	-7.3559+4.6919i	2.1473+0.5031i	1.3027-1.3678i	8.1823+3.0777i	-1.5231+1.3007i
70.5	48.1744-12.5921i	68.1846+38.6437i	-92.6376-40.0110i	-7.3618+4.7263i	2.2227+0.5122i	1.2111-1.3838i	8.2961+3.1268i	-1.5254+1.3436i
70.6	47.8304-12.1247i	69.0141+39.9580i	-91.3801-40.2217i	-7.4252+4.6105i	2.2460+0.5494i	1.2102-1.4130i	8.2144+3.2586i	-1.5353+1.4091i
70.7	47.6117-13.0104i	68.4578+36.8409i	-89.5487-37.2559i	-7.4003+4.6627i	2.2671+0.4541i	1.1052-1.4025i	8.2352+2.9684i	-1.4500+1.4841i
70.8	47.6495-13.6093i	66.3671+35.9790i	-87.6694-35.4393i	-7.4125+4.7102i	2.2521+0.4165i	1.1067-1.3789i	8.1401+2.8210i	-1.3962+1.5301i
70.9	48.8064-13.7850i	67.6193+33.4593i	-87.2850-34.4069i	-7.5888+4.8284i	2.3355+0.3848i	1.0463-1.3507i	8.3332+2.7252i	-1.3799+1.5926i
71.0	49.1280-14.8768i	67.8996+30.4759i	-86.1340-32.9325i	-7.6482+4.9774i	2.3974+0.3052i	0.9722-1.3114i	8.4725+2.4960i	-1.2962+1.6273i
71.1	47.9316-16.1912i	67.2702+29.0403i	-85.0357-30.5353i	-7.4685+5.1817i	2.3763+0.2502i	0.9381-1.2893i	8.3601+2.2568i	-1.2015+1.6247i
71.2	48.1017-16.2773i	71.0242+24.8023i	-85.3426-28.1931i	-7.4492+5.2133i	2.4786+0.2042i	0.8188-1.2683i	8.6029+2.1155i	-1.1585+1.6789i
71.3	48.3322-17.1112i	69.0957+23.6889i	-84.3441-27.4428i	-7.4977+5.3276i	2.4719+0.1357i	0.8320-1.2784i	8.5523+1.8994i	-1.1096+1.7106i
71.4	49.4054-17.7964i	68.7601+20.9421i	-83.8567-26.1898i	-7.7175+5.4845i	2.5499+0.0793i	0.8130-1.2836i	8.7197+1.7390i	-1.0712+1.7822i
71.5	48.8239-18.3478i	67.6773+19.8059i	-82.4664-24.2813i	-7.5457+5.5113i	2.5442+0.0438i	0.7874-1.3162i	8.6115+1.5666i	-1.0084+1.8182i
71.6	49.1970-18.7302i	68.8662+16.3576i	-82.0723-22.6968i	-7.5541+5.5615i	2.6112-0.0289i	0.6890-1.3209i	8.7309+1.3670i	-0.9339+1.8632i
71.7	50.0976-20.4501i	68.6076+11.7871i	-82.4158-20.5227i	-7.6998+5.8546i	2.6946-0.1669i	0.6465-1.3301i	8.9717+0.9563i	-0.8541+1.9500i
71.8	50.0552-20.8928i	67.6352+10.7655i	-80.4052-19.3700i	-7.7187+5.9134i	2.7085-0.1849i	0.5913-1.3439i	8.9271+0.8687i	-0.7890+1.9687i
71.9	48.9996-21.2090i	65.8795+11.2689i	-78.9788-18.7214i	-7.5636+5.9284i	2.6477-0.1791i	0.5607-1.3192i	8.6528+0.8240i	-0.7303+1.9376i
72.0	48.1758-22.4291i	62.3209+10.5926i	-76.9691-17.0757i	-7.4670+6.0988i	2.5715-0.2559i	0.5253-1.2601i	8.3874+0.5402i	-0.6278+1.8803i
72.1	50.2495-24.1469i	64.4844+4.6658i	-79.1827-14.7511i	-7.7863+6.4705i	2.7808-0.4234i	0.4216-1.2766i	8.9227+0.1579i	-0.5165+1.9680i
72.2	51.0737-24.8986i	65.7917+2.8406i	-79.4094-14.1610i	-7.9042+6.5377i	2.8925-0.4944i	0.3364-1.2862i	9.0960+0.0018i	-0.4324+2.0130i
72.3	51.0764-25.5732i	64.3203+2.5953i	-78.2487-14.2183i	-7.8903+6.6646i	2.8569-0.5385i	0.2860-1.2328i	8.9246-0.1391i	-0.3585+1.9733i
72.4	50.7812-26.5828i	61.4887+0.0514i	-76.7834-12.3747i	-7.7984+6.8479i	2.8368-0.6481i	0.2349-1.1655i	8.7854-0.4639i	-0.2572+1.9293i
72.5	50.4548-28.0556i	59.5318-1.3324i	-75.6971-10.6046i	-7.7240+7.0757i	2.8282-0.7459i	0.2037-1.1271i	8.7012-0.7273i	-0.1971+1.8886i
72.6	50.4889-27.5483i	60.1658-4.1551i	-74.6476-8.9332i	-7.8586+6.9794i	2.9217-0.8039i	0.1099-1.1053i	8.7704-0.8401i	-0.1413+1.8762i
72.7	51.8792-29.7363i	60.7593-7.4853i	-76.0507-6.7820i	-8.0847+7.4054i	3.0572-0.9724i	0.0242-1.0915i	9.0431-1.2320i	-0.0490+1.8988i
72.8	51.7624-31.2744i	58.8315-8.5973i	-75.1974-4.9843i	-8.0115+7.6819i	3.0156-1.0847i	-0.0185-1.0351i	8.8818-1.5159i	0.0270+1.8365i
72.9	50.6937-31.5317i	55.1191-8.3396i	-72.3124-3.7982i	-7.8444+7.6087i	2.9131-1.1380i	-0.0091-0.9770i	8.5206-1.6423i	0.0633+1.7478i
73.0	49.5524-31.2752i	54.1864-8.6147i	-71.2525-2.4800i	-7.5892+7.5256i	2.8876-1.1353i	0.0096-0.9419i	8.3369-1.6489i	0.0805+1.7046i
73.1	49.1495-34.1177i	52.6068-12.6279i	-71.0715+0.7739i	-7.4836+8.0362i	2.8736-1.3926i	-0.0413-0.8586i	8.2377-2.2050i	0.1692+1.6571i
73.2	49.0161-35.9030i	49.6362-12.6832i	-69.3948+1.2642i	-7.5213+8.2473i	2.8194-1.4678i	-0.0007-0.7637i	8.0271-2.3801i	0.1554+1.5700i
73.3	48.1761-37.2325i	48.4820-13.3592i	-67.8586+2.7938i	-7.4080+8.4219i	2.7772-1.5797i	-0.0168-0.7221i	7.8452-2.5905i	0.1771+1.5076i
73.4	47.0839-39.0948i	46.4614-14.6525i	-65.8787+4.7421i	-7.2204+8.8062i	2.6917-1.7152i	-0.0408-0.6519i	7.6092-2.8836i	0.2067+1.4458i
73.5	45.2923-40.2079i	43.2247-14.3913i	-63.3764+5.9074i	-6.9242+9.0238i	2.5668-1.8145i	-0.0151-0.6214i	7.2301-3.0714i	0.2045+1.4143i
73.6	46.0836-39.8523i	43.8283-14.9446i	-63.0771+6.0024i	-7.1086+8.9805i	2.6346-1.8203i	-0.0168-0.6212i	7.2702-3.0161i	0.1693+1.4250i
73.7	46.1257-41.8716i	41.4535-18.3456i	-61.5367+9.2439i	-7.1079+9.2740i	2.5661-2.0227i	-0.0932-0.5803i	7.0812-3.3873i	0.2177+1.4038i
73.8	44.5451-44.0147i	38.3681-19.7227i	-59.3781+11.6092i	-6.8098+9.5907i	2.4352-2.2079i	-0.0996-0.5415i	6.7746-3.7307i	0.2579+1.3995i
73.9	42.1466-44.5039i	36.0106-18.8152i	-56.6847+12.4370i	-6.4078+9.6405i	2.2984-2.2353i	-0.0937-0.5054i	6.4127-3.7791i	0.2900+1.3662i
74.0	41.2001-45.3737i	35.2804-18.1840i	-55.9545+12.8466i	-6.2408+9.8825i	2.2419-2.2565i	-0.0683-0.4695i	6.2440-3.7718i	0.3058+1.3730i
74.1	37.6558-46.8940i	31.4111-17.3457i	-52.6180+14.1023i	-5.6146+10.0854i	1.9640-2.3134i	-0.0247-0.3920i	5.6448-3.8982i	0.3239+1.2934i
74.2	37.3766-48.0387i	30.4716-20.8576i	-51.3974+16.7150i	-5.4267+10.2183i	1.9480-2.5327i	-0.0971-0.3614i	5.5991-4.2453i	0.3989+1.2756i
74.3	33.6781-47.9198i	26.8378-18.6914i	-47.6155+16.0104i	-4.8267+10.0865i	1.6956-2.4382i	-0.0148-0.2492i	5.0275-4.0682i	0.3641+1.1719i
74.4	32.2594-48.6924i	26.4718-19.1380i	-47.0549+16.7841i	-4.5787+10.2654i	1.6331-2.4964i	0.0308-0.2357i	4.8833-4.1272i	0.3730+1.1622i
74.5	30.9865-49.4270i	24.4981-18.8399i	-44.7996+17.2197i	-4.3738+10.4391i	1.5418-2.5425i	0.0932-0.1946i	4.6822-4.1539i	0.3447+1.1458i
74.6	29.2487-50.1061i	22.2309-17.9245i	-41.7291+17.3577i	-4.1234+10.6120i	1.3641-2.5872i	0.1275-0.1341i	4.3310-4.2132i	0.3273+1.1262i
74.7	29.1161-48.4028i	23.2987-17.6597i	-40.6653+16.8482i	-4.0923+10.3752i	1.3865-2.5642i	0.1105-0.1508i	4.2939-4.0498i	0.3453+1.1209i
74.8	27.8343-49.5329i	22.5281-17.8559i	-40.0400+16.6997i	-3.9350+10.4635i	1.2806-2.5936i	0.1736-0.1241i	4.1173-4.0415i	0.3364+1.1204i
74.9	26.3684-48.3366i	21.4176-16.5544i	-37.5900+16.0810i	-3.7211+10.2513i	1.1921-2.5252i	0.2235-0.0817i	3.8886-3.8699i	0.3258+1.0623i

75.0	24.6722-48.0324i	20.2629-16.3574i	-35.8905+16.1891i	-3.3807+10.1825i	1.1053-2.5606i	0.2823-0.0937i	3.7111-3.8829i	0.3307+1.0789i
75.1	21.4705-49.8378i	17.5832-16.8568i	-33.0018+16.4555i	-2.7601+10.5137i	0.8404-2.6134i	0.3829-0.0916i	3.3148-3.9812i	0.3447+1.0913i
75.2	19.5584-46.9350i	16.9428-13.6603i	-31.1269+14.0750i	-2.4809+9.9548i	0.7701-2.3414i	0.4759-0.1238i	3.0620-3.5325i	0.3001+1.0705i
75.3	17.6438-46.3215i	16.3877-13.0313i	-30.3236+13.4107i	-2.2144+9.7487i	0.6914-2.2734i	0.5272-0.1626i	2.8923-3.3947i	0.2990+1.0666i
75.4	17.5229-48.5138i	14.5113-14.6335i	-28.1019+14.1887i	-2.1641+10.1459i	0.4984-2.4512i	0.5598-0.1268i	2.6988-3.6310i	0.3413+1.0855i
75.5	16.0608-48.1898i	13.2869-14.1325i	-26.9872+13.9311i	-1.8851+10.0643i	0.3971-2.4182i	0.6211-0.1540i	2.5435-3.5474i	0.3616+1.1072i
75.6	16.7109-45.9616i	13.6065-12.8403i	-26.1699+12.1396i	-1.9869+9.7418i	0.4248-2.3019i	0.6677-0.1768i	2.5271-3.2443i	0.3439+1.1318i
75.7	16.1820-45.3922i	12.9058-13.0259i	-24.5117+11.5658i	-1.9314+9.6596i	0.3497-2.2900i	0.6819-0.2028i	2.3971-3.1771i	0.3398+1.1155i
75.8	10.8808-45.2051i	9.4760-12.5079i	-21.9201+11.9570i	-0.9733+9.4059i	0.0147-2.1832i	0.7115-0.2808i	1.8985-3.1504i	0.4271+1.0518i
75.9	9.3106-43.8926i	9.4175-10.9394i	-21.3862+10.3188i	-0.7088+9.1562i	-0.0034-2.0527i	0.7820-0.3549i	1.8207-2.9339i	0.4474+1.0779i
76.0	10.3460-41.6967i	10.2305-10.7951i	-21.1898+9.4869i	-0.9269+8.8343i	0.0652-2.0217i	0.7408-0.4045i	1.8969-2.7692i	0.4508+1.0778i
76.1	8.3726-40.4407i	8.7081-10.3153i	-19.8670+8.3939i	-0.5873+8.4925i	-0.0738-1.9423i	0.7402-0.5025i	1.6869-2.6673i	0.5065+1.0594i
76.2	6.4690-41.8269i	6.7130-11.0329i	-18.1209+8.5614i	-0.2060+8.7612i	-0.2415-1.9887i	0.7901-0.5667i	1.5408-2.7643i	0.5715+1.0982i
76.3	7.4138-39.6678i	7.6157-10.5151i	-18.3070+8.0435i	-0.4013+8.3827i	-0.1501-1.8927i	0.7333-0.6223i	1.6284-2.5306i	0.5831+1.0772i
76.4	6.2623-37.5803i	6.8357-9.2137i	-18.1647+6.8682i	-0.2430+7.9321i	-0.2196-1.6976i	0.6723-0.6528i	1.4935-2.2706i	0.6251+1.0316i
76.5	4.3123-36.5522i	5.0497-7.9400i	-16.7537+5.5725i	0.0924+7.7901i	-0.3137-1.5743i	0.6665-0.7137i	1.3431-2.1514i	0.6869+1.0134i
76.6	3.8388-36.2485i	4.6688-8.2082i	-16.8769+5.3156i	0.1165+7.6662i	-0.3311-1.5456i	0.6255-0.7706i	1.3471-2.0980i	0.7330+0.9792i
76.7	5.2935-34.4947i	5.6882-7.3262i	-17.3283+4.0912i	-0.1311+7.4498i	-0.2402-1.4813i	0.5814-0.7847i	1.4352-1.9204i	0.7434+0.9500i
76.8	5.7709-31.7587i	6.1951-5.9502i	-16.6122+3.0697i	-0.2508+7.0898i	-0.1480-1.3854i	0.5122-0.8218i	1.4870-1.7112i	0.7558+0.9040i
76.9	4.3381-30.0168i	5.4155-5.6849i	-15.7284+2.9210i	-0.0987+6.6407i	-0.2104-1.2759i	0.4857-0.8225i	1.3839-1.6065i	0.7813+0.8385i
77.0	3.8090-29.4575i	3.9442-5.4654i	-14.8878+2.8121i	-0.0049+6.3995i	-0.3329-1.2159i	0.4215-0.8339i	1.2550-1.5813i	0.8406+0.7770i
77.1	3.4671-29.1070i	3.7417-5.0216i	-15.1681+2.8461i	0.0674+6.4455i	-0.2816-1.1733i	0.3749-0.8423i	1.3285-1.5139i	0.8849+0.7231i
77.2	3.6689-27.4066i	3.9814-4.4832i	-15.3482+2.6500i	-0.0062+6.0841i	-0.2130-1.1411i	0.3233-0.8292i	1.3437-1.4487i	0.8821+0.6567i
77.3	3.8583-24.8227i	3.4968-2.6546i	-14.3967+1.0588i	-0.1676+5.6016i	-0.1911-0.9735i	0.3261-0.8096i	1.2339-1.2165i	0.8454+0.5776i
77.4	4.3155-24.4930i	4.2396-2.3651i	-15.2257+0.7768i	-0.2853+5.5078i	-0.1079-0.9329i	0.3366-0.8348i	1.3507-1.0918i	0.8408+0.5597i
77.5	4.2555-25.4783i	3.3550-2.6653i	-14.9254-0.1761i	-0.2905+5.6699i	-0.1816-0.9181i	0.3205-0.8100i	1.3312-1.1130i	0.8648+0.4715i
77.6	3.2091-24.1329i	2.2796-2.1049i	-13.5704-0.3476i	-0.1138+5.3894i	-0.2442-0.8364i	0.2717-0.7908i	1.2132-1.1050i	0.8239+0.3515i
77.7	3.5554-22.7531i	2.8039-1.9082i	-14.2854-0.0465i	-0.1764+5.1810i	-0.1369-0.7874i	0.2915-0.8211i	1.3113-0.9789i	0.7876+0.3349i
77.8	4.2991-21.5973i	2.5231-1.3137i	-13.8181-0.4272i	-0.3855+5.0334i	-0.1246-0.7539i	0.2772-0.8015i	1.3020-0.9101i	0.7593+0.2860i
77.9	3.7934-21.1780i	1.5137-1.1762i	-12.9774-1.1312i	-0.3021+4.8987i	-0.1787-0.6829i	0.2679-0.7949i	1.2183-0.8726i	0.7467+0.2295i
78.0	4.8276-20.6762i	1.9460-1.0276i	-13.0870-1.6649i	-0.4767+4.7910i	-0.1241-0.6717i	0.2667-0.8380i	1.2788-0.8024i	0.7266+0.2133i
78.1	7.4795-17.9283i	3.7729-0.4865i	-13.3515-1.1517i	-1.0164+4.5272i	0.0171-0.7161i	0.2210-0.8519i	1.3973-0.6887i	0.6418+0.2236i
78.2	8.0216-17.5822i	3.7090-0.1827i	-13.5546-1.2552i	-1.2192+4.5446i	0.0447-0.6891i	0.2090-0.8604i	1.4199-0.6017i	0.5958+0.2057i
78.3	7.4078-15.9830i	3.1582+1.3173i	-12.7555-2.5216i	-1.2435+4.2213i	0.0787-0.5459i	0.2200-0.8370i	1.3216-0.4346i	0.5224+0.1731i
78.4	6.8133-16.1970i	2.7258+1.0609i	-13.1311-2.4069i	-1.1857+4.2313i	0.0736-0.5320i	0.1844-0.8680i	1.3257-0.4355i	0.5101+0.1400i
78.5	7.1131-14.5304i	3.0885+1.2202i	-13.0464-2.7546i	-1.3165+3.9948i	0.1295-0.5134i	0.1543-0.8662i	1.3327-0.3451i	0.4683+0.1816i
78.6	7.7318-13.2540i	3.0604+1.8564i	-12.5110-3.1855i	-1.4668+3.7839i	0.1394-0.4645i	0.1297-0.8626i	1.3069-0.2498i	0.4484+0.1596i
78.7	9.7154-11.5084i	3.6072+2.9054i	-11.8745-5.1626i	-1.8135+3.4902i	0.2439-0.3910i	0.1564-0.8445i	1.3480-0.0171i	0.3840+0.1803i
78.8	11.5307-12.0416i	4.0298+2.6145i	-12.1019-5.8910i	-2.1373+3.6289i	0.3158-0.4134i	0.1531-0.8905i	1.4852+0.0683i	0.3654+0.2032i
78.9	11.8410-12.3450i	3.7266+2.7578i	-12.6472-6.1596i	-2.1987+3.7090i	0.3216-0.4193i	0.0945-0.9336i	1.5420+0.0862i	0.3738+0.1942i
79.0	14.2677-13.4244i	4.2747+2.1064i	-12.5768-7.3966i	-2.5427+3.9267i	0.3364-0.4368i	0.0710-0.9130i	1.6986+0.1167i	0.3547+0.2046i
79.1	16.5330-13.6200i	5.1267+1.5938i	-14.0667-6.7431i	-2.7906+4.2252i	0.4234-0.5047i	-0.0264-0.9459i	1.9775+0.1193i	0.3401+0.2101i
79.2	15.6369-15.3132i	4.8436+1.2585i	-15.1666-6.8237i	-2.6602+4.6407i	0.4461-0.5446i	-0.1159-0.9646i	2.1105+0.0354i	0.3430+0.1899i
79.3	12.3084-17.7706i	2.6870+0.1065i	-14.7709-4.8595i	-1.9170+4.7495i	0.2773-0.5455i	-0.2120-0.8605i	1.9750-0.2905i	0.3385+0.1334i
79.4	9.9776-17.0568i	1.5167+0.8468i	-14.7901-4.1989i	-1.5856+4.4982i	0.2566-0.4695i	-0.2132-0.8133i	1.8392-0.3381i	0.3014+0.1164i
79.5	9.6095-14.4327i	0.9575+1.4678i	-13.6333-2.8557i	-1.6247+4.1073i	0.2876-0.4321i	-0.2146-0.7588i	1.7475-0.3162i	0.2643+0.1377i
79.6	7.9120-11.9819i	0.2456+2.5351i	-13.3035-3.2795i	-1.4818+3.6720i	0.3086-0.3138i	-0.2093-0.7113i	1.5918-0.2133i	0.2324+0.1218i
79.7	9.3259-10.4699i	0.7235+3.1615i	-12.7226-3.8925i	-1.6983+3.4216i	0.3545-0.3045i	-0.2112-0.6753i	1.5792-0.1322i	0.2113+0.1465i
79.8	9.0567-10.9842i	0.0546+2.8570i	-12.1298-3.3192i	-1.7298+3.4389i	0.3409-0.3006i	-0.2111-0.6519i	1.5724-0.1947i	0.1802+0.1558i
79.9	8.8427-11.0215i	-0.0766+2.3369i	-12.3334-2.7429i	-1.7628+3.3291i	0.3706-0.3052i	-0.2192-0.6348i	1.6237-0.2497i	0.1677+0.1573i
80.0	10.0532-9.3358i	-0.0471+3.3147i	-12.0676-3.1741i	-2.1662+3.0770i	0.4670-0.2922i	-0.2081-0.6703i	1.6390-0.1366i	0.1588+0.1934i

2.1.62 Run 6 – VT000 – Accels 9–16

Vertical shaking at 0°. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	2.0047+0.0000i	16.5000+0.0000i	-4.8127+0.0000i	6.2531+0.0000i	3.1221+0.0000i	1.3980+0.0000i	-5.2473+0.0000i	10.1161+0.0000i
0.1	0.2140+0.3911i	2.6496+1.3735i	-0.7970+0.0504i	0.9247+0.5226i	0.5212+0.4798i	0.4961+0.2775i	-0.9251-0.3346i	1.6161+1.1329i
0.2	0.1335-0.0268i	0.0093+0.0825i	0.1152-0.1466i	0.1327-0.1360i	0.1308-0.2122i	0.0486-0.1957i	-0.1880+0.1231i	0.0705-0.1179i
0.3	0.0512-0.0059i	0.0046-0.0242i	0.0003-0.0056i	0.0181-0.0041i	-0.0187-0.0070i	-0.0319-0.0564i	-0.1211+0.1685i	0.0070-0.0375i
0.4	0.0264+0.0332i	0.0110+0.0045i	0.0063-0.0191i	0.0085-0.0080i	-0.0043-0.0235i	-0.0100-0.0158i	-0.0752+0.1685i	0.0149-0.0057i
0.5	0.0046+0.0187i	0.0145+0.0052i	-0.0038-0.0070i	-0.0000-0.0038i	-0.0076-0.0045i	-0.0068-0.0050i	0.0501+0.0751i	0.0040+0.0074i
0.6	0.0015+0.0115i	0.0248+0.0018i	-0.0001-0.0036i	-0.0008-0.0076i	-0.0027-0.0024i	-0.0010+0.0014i	0.0064+0.0849i	0.0024-0.0082i
0.7	0.0035+0.0005i	0.0219-0.0007i	-0.0026-0.0025i	-0.0047-0.0010i	-0.0041-0.0018i	-0.0008+0.0050i	-0.0171+0.0867i	-0.0041-0.0013i
0.8	-0.0002-0.0012i	0.0280+0.0122i	-0.0030-0.0002i	-0.0006+0.0008i	-0.0039+0.0014i	0.0084+0.0077i	-0.0692+0.0950i	-0.0007+0.0019i
0.9	0.0040+0.0035i	0.0535+0.0261i	0.0009+0.0021i	0.0045+0.0015i	-0.0001-0.0009i	0.0006+0.0047i	-0.0176+0.0527i	-0.0032-0.0030i
1.0	0.0057+0.0016i	0.0558+0.0197i	0.0022+0.0019i	0.0060-0.0007i	-0.0013-0.0013i	0.0004+0.0001i	0.0051+0.0369i	-0.0043-0.0017i
1.1	0.0047+0.0012i	0.0661+0.0136i	0.0049+0.0018i	0.0041-0.0006i	-0.0017+0.0001i	0.0033-0.0021i	0.0038+0.0139i	-0.0041+0.0005i
1.2	0.0050+0.0015i	0.0763+0.0084i	0.0029-0.0002i	-0.0007-0.0028i	-0.0042-0.0003i	0.0026+0.0011i	0.0186+0.0218i	-0.0069-0.0005i
1.3	0.0070+0.0019i	0.0833+0.0115i	0.0034-0.0001i	-0.0013-0.0042i	-0.0041-0.0010i	0.0040+0.0002i	0.0547-0.0237i	-0.0064-0.0014i
1.4	0.0108+0.0029i	0.0935+0.0111i	0.0016-0.0007i	-0.0074+0.0011i	-0.0066-0.0013i	0.0064+0.0004i	0.0128-0.0605i	-0.0078+0.0002i
1.5	0.0186+0.0004i	0.1119+0.0046i	-0.0039+0.0044i	-0.0352+0.0245i	-0.0078-0.0026i	0.0140-0.0038i	-0.0844-0.0007i	-0.0080-0.0001i
1.6	0.0122-0.0045i	0.1243+0.0095i	0.0088+0.0075i	0.0172+0.0382i	-0.0092-0.0020i	0.0095-0.0079i	-0.0668+0.0281i	-0.0094-0.0004i
1.7	0.0082+0.0008i	0.1451+0.0082i	0.0199+0.0008i	0.0481+0.0117i	-0.0111-0.0017i	0.0069-0.0033i	0.0126+0.0508i	-0.0082+0.0001i
1.8	0.0157-0.0000i	0.1727-0.0028i	0.0234-0.0053i	0.0488+0.0072i	-0.0098-0.0025i	0.0144-0.0062i	0.0468+0.0043i	-0.0078-0.0008i
1.9	0.0273-0.0022i	0.2077-0.0298i	0.0277-0.0205i	0.0617+0.0015i	-0.0119-0.0047i	0.0180-0.0204i	0.0704-0.0233i	-0.0103-0.0073i
2.0	0.0546-0.0176i	0.2224-0.0567i	0.0225-0.0371i	0.1093-0.0259i	-0.0190-0.0083i	0.0059-0.0327i	0.1100-0.0523i	-0.0158-0.0105i
2.1	0.0743-0.0920i	0.2348-0.1225i	0.0097-0.0544i	0.1450-0.1654i	-0.0250-0.0075i	-0.0119-0.0324i	0.1481-0.2034i	-0.0202-0.0142i
2.2	-0.0640-0.1163i	0.1264-0.1331i	-0.0128-0.0624i	-0.1101-0.2075i	-0.0248-0.0064i	-0.0005-0.0367i	-0.1112-0.2126i	-0.0276-0.0158i
2.3	-0.0904-0.0340i	0.1024-0.0756i	-0.0361-0.0705i	-0.1570-0.0541i	-0.0286-0.0116i	-0.0183-0.0638i	-0.1433-0.0391i	-0.0329-0.0157i
2.4	-0.0430-0.0097i	0.0962-0.0151i	-0.1193-0.0169i	-0.0619-0.0127i	-0.0487-0.0044i	-0.1130-0.0149i	-0.0152-0.0055i	-0.0495-0.0065i
2.5	-0.0334-0.0052i	0.1748+0.0423i	-0.0510+0.0593i	-0.0473-0.0125i	-0.0382+0.0072i	-0.0455+0.0591i	-0.0242-0.0207i	-0.0405+0.0056i
2.6	-0.0258-0.0025i	0.2349+0.0172i	-0.0019+0.0275i	-0.0410-0.0071i	-0.0347+0.0021i	0.0014+0.0272i	-0.0253-0.0383i	-0.0360+0.0006i
2.7	-0.0235-0.0020i	0.2442+0.0122i	-0.0059+0.0114i	-0.0351-0.0044i	-0.0388+0.0007i	-0.0034+0.0114i	-0.0729-0.0774i	-0.0395-0.0002i
2.8	-0.0223-0.0025i	0.2640+0.0154i	-0.0091+0.0068i	-0.0303-0.0035i	-0.0429-0.0006i	-0.0062+0.0052i	-0.0603-0.0742i	-0.0449-0.0020i
2.9	-0.0170-0.0023i	0.2994+0.0113i	-0.0100+0.0039i	-0.0275-0.0037i	-0.0473-0.0006i	-0.0072+0.0021i	-0.0120-0.0691i	-0.0492-0.0030i
3.0	-0.0159-0.0017i	0.3186+0.0131i	-0.0092+0.0022i	-0.0243-0.0051i	-0.0509-0.0003i	-0.0089-0.0008i	0.0085+0.0021i	-0.0510-0.0032i
3.1	-0.0154-0.0033i	0.3496+0.0208i	-0.0106-0.0024i	-0.0213-0.0065i	-0.0553+0.0000i	-0.0120-0.0022i	0.0489-0.0271i	-0.0520-0.0006i
3.2	-0.0132-0.0048i	0.3840+0.0156i	-0.0161+0.0002i	-0.0236-0.0069i	-0.0564+0.0012i	-0.0173+0.0045i	0.0281-0.0389i	-0.0581+0.0012i
3.3	-0.0110-0.0049i	0.4043+0.0060i	-0.0129+0.0100i	-0.0214-0.0068i	-0.0618-0.0010i	-0.0143+0.0071i	0.0148+0.0837i	-0.0672-0.0016i
3.4	-0.0122-0.0059i	0.4267+0.0075i	-0.0097+0.0113i	-0.0207-0.0062i	-0.0688-0.0045i	-0.0063+0.0074i	0.0054+0.1411i	-0.0710-0.0067i
3.5	-0.0097-0.0051i	0.4369-0.0077i	-0.0019+0.0141i	-0.0218-0.0067i	-0.0799-0.0043i	-0.0020+0.0098i	-0.0707+0.0628i	-0.0822-0.0058i
3.6	-0.0080-0.0037i	0.4310+0.0030i	0.0078+0.0151i	-0.0201-0.0052i	-0.0904+0.0026i	0.0064+0.0050i	-0.1431+0.0850i	-0.0885+0.0003i
3.7	-0.0117-0.0032i	0.5445+0.0389i	-0.0130+0.0004i	-0.0274+0.0003i	-0.0813+0.0072i	-0.0131+0.0009i	-0.0173+0.0267i	-0.0845+0.0067i
3.8	-0.0131+0.0002i	0.5674+0.0272i	-0.0095-0.0014i	-0.0227-0.0005i	-0.0915+0.0028i	-0.0085-0.0014i	-0.0108-0.0234i	-0.0919+0.0036i
3.9	-0.0118-0.0006i	0.5858+0.0238i	-0.0091-0.0014i	-0.0214-0.0011i	-0.0982+0.0008i	-0.0079-0.0015i	-0.0295-0.0156i	-0.0978+0.0009i
4.0	-0.0121-0.0007i	0.6072+0.0206i	-0.0097-0.0018i	-0.0227-0.0012i	-0.1051+0.0009i	-0.0087-0.0014i	-0.0233-0.0020i	-0.1041+0.0008i
4.1	-0.0124+0.0004i	0.6306+0.0187i	-0.0104-0.0013i	-0.0235-0.0002i	-0.1125+0.0003i	-0.0095-0.0010i	-0.0039-0.0017i	-0.1115+0.0002i
4.2	-0.0121+0.0006i	0.6723+0.0255i	-0.0102-0.0012i	-0.0235+0.0008i	-0.1244-0.0016i	-0.0086-0.0013i	-0.0064-0.0080i	-0.1221-0.0025i
4.3	-0.0127+0.0011i	0.7048+0.0238i	-0.0095-0.0008i	-0.0259+0.0023i	-0.1332-0.0019i	-0.0084-0.0025i	-0.0260+0.0039i	-0.1309-0.0035i
4.4	-0.0127+0.0039i	0.7390+0.0159i	-0.0096-0.0012i	-0.0270+0.0064i	-0.1474-0.0050i	-0.0095-0.0020i	-0.0200+0.0148i	-0.1449-0.0062i
4.5	-0.0100+0.0068i	0.7610+0.0189i	-0.0109-0.0021i	-0.0247+0.0096i	-0.1613-0.0053i	-0.0097-0.0009i	-0.0086-0.0271i	-0.1612-0.0063i
4.6	-0.0092+0.0100i	0.7871+0.0273i	-0.0108-0.0004i	-0.0215+0.0149i	-0.1756-0.0014i	-0.0109-0.0036i	-0.0175-0.0357i	-0.1767-0.0032i
4.7	-0.0028+0.0170i	0.8304+0.0470i	-0.0107+0.0028i	-0.0095+0.0271i	-0.1953+0.0038i	-0.0104-0.0021i	-0.0189+0.0273i	-0.1925+0.0060i
4.8	0.0115+0.0162i	0.8911+0.0601i	-0.0078+0.0036i	0.0093+0.0268i	-0.2083+0.0087i	-0.0099+0.0004i	0.0092+0.0933i	-0.2024+0.0089i
4.9	0.0199+0.0009i	0.9336+0.0606i	-0.0055+0.0008i	0.0212-0.0029i	-0.2180+0.0090i	-0.0098+0.0014i	-0.0112+0.0148i	-0.2104+0.0082i
5.0	0.0050-0.0136i	0.9962+0.0565i	-0.0025-0.0056i	-0.0038-0.0284i	-0.2340-0.0082i	-0.0060-0.0020i	-0.0502-0.0311i	-0.2284-0.0081i
5.1	-0.0055-0.0093i	1.0369+0.0424i	-0.0045-0.0074i	-0.0194-0.0166i	-0.2638-0.0166i	-0.0057-0.0055i	-0.0107-0.0087i	-0.2582-0.0168i
5.2	-0.0059-0.0069i	1.0627+0.0331i	0.0004-0.0078i	-0.0216-0.0130i	-0.2859-0.0144i	-0.0017-0.0089i	0.0037-0.0186i	-0.2798-0.0149i
5.3	-0.0050-0.0047i	1.1080+0.0215i	0.0021-0.0164i	-0.0209-0.0100i	-0.3240-0.0136i	-0.0006-0.0189i	0.0003-0.0069i	-0.3181-0.0144i
5.4	-0.0023-0.0080i	1.1354+0.0149i	-0.0063-0.0242i	-0.0130-0.0107i	-0.3597-0.0119i	-0.0119-0.0262i	0.0444-0.0096i	-0.3531-0.0133i
5.5	-0.0009-0.0130i	1.1288+0.0170i	-0.0309-0.0378i	-0.0182-0.0172i	-0.4209-0.0070i	-0.0336-0.0319i	-0.0213+0.0399i	-0.4133-0.0010i
5.6	-0.0232-0.0021i	1.1686+0.1449i	-0.0495-0.0025i	-0.0712-0.0003i	-0.4780+0.0504i	-0.0483+0.0008i	-0.0209+0.0518i	-0.4804+0.0512i

5.7	-0.0106+0.0199i	1.2994+0.1788i	-0.0353+0.0117i	-0.0460+0.0360i	-0.5015+0.0607i	-0.0355+0.0092i	-0.0230+0.0952i	-0.4999+0.0608i
5.8	0.0050+0.0183i	1.3732+0.1420i	-0.0293+0.0132i	-0.0172+0.0288i	-0.5501+0.0674i	-0.0284+0.0111i	-0.0116+0.0662i	-0.5424+0.0689i
5.9	0.0179+0.0149i	1.4453+0.1166i	-0.0188+0.0123i	0.0048+0.0264i	-0.5947+0.0704i	-0.0222+0.0105i	-0.0015+0.0196i	-0.5842+0.0712i
6.0	0.0259-0.0009i	1.4805+0.0833i	-0.0191+0.0059i	0.0190-0.0007i	-0.6844+0.0557i	-0.0251+0.0055i	0.0155-0.0093i	-0.6699+0.0544i
6.1	0.0221-0.0133i	1.4954+0.0685i	-0.0218+0.0075i	0.0081-0.0229i	-0.7862+0.0743i	-0.0272+0.0087i	0.0077-0.0204i	-0.7699+0.0716i
6.2	0.0118-0.0178i	1.5192+0.0844i	-0.0176+0.0151i	-0.0165-0.0305i	-0.9102+0.1390i	-0.0216+0.0174i	-0.0144-0.0266i	-0.8947+0.1355i
6.3	0.0076-0.0159i	1.5361+0.1054i	-0.0129+0.0182i	-0.0292-0.0267i	-1.0233+0.1645i	-0.0168+0.0210i	-0.0283-0.0278i	-1.0069+0.1595i
6.4	0.0080-0.0135i	1.5610+0.1283i	-0.0071+0.0199i	-0.0359-0.0219i	-1.1697+0.2127i	-0.0118+0.0230i	-0.0297-0.0132i	-1.1504+0.2068i
6.5	0.0100-0.0124i	1.5803+0.1483i	0.0007+0.0203i	-0.0415-0.0174i	-1.3447+0.2802i	-0.0054+0.0232i	-0.0068-0.0078i	-1.3217+0.2728i
6.6	0.0147-0.0107i	1.5688+0.1787i	0.0077+0.0210i	-0.0480-0.0092i	-1.6273+0.3783i	0.0006+0.0242i	-0.0125-0.0087i	-1.6007+0.3690i
6.7	0.0214-0.0097i	1.5437+0.2230i	0.0175+0.0232i	-0.0502-0.0019i	-1.9284+0.4955i	0.0088+0.0269i	-0.0254-0.0029i	-1.8974+0.4841i
6.8	0.0338-0.0128i	1.4516+0.3059i	0.0322+0.0220i	-0.0526+0.0017i	-2.4944+0.7328i	0.0200+0.0274i	-0.0312-0.0020i	-2.4537+0.7157i
6.9	0.0522-0.0238i	1.2530+0.4961i	0.0534+0.0213i	-0.0557+0.0027i	-3.4050+1.2987i	0.0339+0.0307i	-0.0076-0.0162i	-3.3502+1.2692i
7.0	0.0687-0.0582i	1.0118+1.0806i	0.0968+0.0094i	-0.0744+0.0107i	-4.4865+3.0412i	0.0722+0.0302i	-0.0018-0.0273i	-4.4200+2.9775i
7.1	0.0522-0.1089i	1.3414+2.0337i	0.1373-0.0573i	-0.0902+0.0452i	-3.8703+6.0276i	0.1204-0.0186i	-0.0278-0.0471i	-3.8261+5.9154i
7.2	-0.0067-0.1325i	2.5965+2.6859i	0.1008-0.1621i	-0.0568+0.1149i	-0.3733+8.1504i	0.1070-0.1161i	-0.0606-0.0107i	-0.3956+8.0182i
7.3	-0.0558-0.1253i	4.0499+2.4683i	0.0009-0.2061i	0.0522+0.1148i	3.6726+7.5225i	0.0242-0.1671i	-0.0088+0.0080i	3.5884+7.4191i
7.4	-0.0853-0.1007i	4.6380+1.6314i	-0.0507-0.1767i	0.0668+0.0363i	5.1478+5.1227i	-0.0200-0.1457i	-0.0063-0.0375i	5.0498+5.0627i
7.5	-0.0982-0.0596i	4.7264+0.8037i	-0.0800-0.1453i	0.0334+0.0009i	5.2136+2.7277i	-0.0462-0.1271i	-0.0424-0.0466i	5.1220+2.7063i
7.6	-0.0866-0.0336i	4.5406+0.3887i	-0.0873-0.1192i	0.0146-0.0004i	4.3766+1.4691i	-0.0570-0.1100i	-0.0501-0.0049i	4.3025+1.4685i
7.7	-0.0747-0.0260i	4.4372+0.2653i	-0.0879-0.1026i	0.0104-0.0010i	3.7425+1.0413i	-0.0621-0.0974i	-0.0171+0.0135i	3.6796+1.0462i
7.8	-0.0689-0.0245i	4.4754+0.2142i	-0.0894-0.0970i	0.0074-0.0051i	3.4206+0.8339i	-0.0669-0.0938i	-0.0154-0.0180i	3.3641+0.8404i
7.9	-0.0711-0.0244i	4.6073+0.1655i	-0.0923-0.0996i	0.0024-0.0066i	3.3451+0.7468i	-0.0702-0.0958i	-0.0269-0.0203i	3.2918+0.7564i
8.0	-0.0766-0.0184i	4.7551+0.0735i	-0.1046-0.1035i	-0.0025-0.0045i	3.3900+0.5349i	-0.0809-0.1017i	-0.0229-0.0103i	3.3401+0.5486i
8.1	-0.0747-0.0125i	4.8836-0.0438i	-0.1127-0.0993i	-0.0010-0.0063i	3.2911+0.3042i	-0.0900-0.0999i	-0.0199-0.0126i	3.2434+0.3216i
8.2	-0.0758-0.0094i	5.0327-0.1519i	-0.1219-0.0966i	-0.0025-0.0096i	3.2876+0.1487i	-0.1004-0.0973i	-0.0348-0.0123i	3.2392+0.1697i
8.3	-0.0795-0.0028i	5.2419-0.2668i	-0.1419-0.0943i	-0.0054-0.0087i	3.3351-0.0870i	-0.1209-0.0957i	-0.0421+0.0068i	3.2904-0.0614i
8.4	-0.0814+0.0043i	5.4002-0.3740i	-0.1547-0.0875i	-0.0071-0.0066i	3.3571-0.2563i	-0.1338-0.0902i	-0.0412+0.0195i	3.3140-0.2299i
8.5	-0.0836+0.0109i	5.6484-0.5213i	-0.1723-0.0810i	-0.0059-0.0054i	3.4333-0.4785i	-0.1514-0.0851i	-0.0552+0.0219i	3.3907-0.4487i
8.6	-0.0847+0.0165i	5.8951-0.6777i	-0.1855-0.0762i	-0.0032-0.0044i	3.5367-0.7020i	-0.1650-0.0822i	-0.0572+0.0212i	3.4947-0.6666i
8.7	-0.0872+0.0246i	6.1875-0.8707i	-0.2018-0.0698i	0.0017-0.0052i	3.6939-0.9626i	-0.1823-0.0771i	-0.0606+0.0179i	3.6496-0.9222i
8.8	-0.0916+0.0356i	6.5731-1.2155i	-0.2274-0.0499i	0.0086-0.0122i	3.9397-1.4194i	-0.2063-0.0592i	-0.0340+0.0033i	3.8936-1.3695i
8.9	-0.0975+0.0482i	6.9060-1.5894i	-0.2438-0.0282i	0.0100-0.0216i	4.1670-1.9244i	-0.2233-0.0382i	-0.0478-0.0073i	4.1209-1.8638i
9.0	-0.0944+0.0700i	7.0241-2.2079i	-0.2529+0.0064i	0.0078-0.0305i	4.0815-2.7125i	-0.2331-0.0038i	-0.0517+0.0078i	4.0428-2.6380i
9.1	-0.0842+0.0893i	7.1690-2.7670i	-0.2511+0.0334i	0.0072-0.0378i	3.9391-3.3516i	-0.2300+0.0229i	-0.0497+0.0045i	3.9029-3.2697i
9.2	-0.0830+0.1217i	7.7290-4.0177i	-0.2838+0.0682i	0.0102-0.0566i	4.3915-4.7827i	-0.2598+0.0534i	-0.0689-0.0051i	4.3530-4.6717i
9.3	-0.0439+0.1683i	6.8899-6.0138i	-0.2789+0.1584i	-0.0065-0.0858i	3.1959-7.1362i	-0.2581+0.1345i	-0.0680+0.0198i	3.1903-6.9877i
9.4	0.0238+0.1612i	4.5737-6.3046i	-0.1906+0.2060i	-0.0456-0.0871i	0.2440-7.4421i	-0.1780+0.1799i	-0.0419+0.0317i	0.2946-7.3032i
9.5	0.0862+0.1274i	2.3483-5.5306i	-0.0939+0.2131i	-0.0825-0.0713i	-2.6064-6.5258i	-0.0902+0.1885i	-0.0302+0.0132i	-2.5060-6.4140i
9.6	0.0971+0.0731i	1.8045-3.7729i	-0.0438+0.1592i	-0.0901-0.0439i	-3.4769-4.4087i	-0.0438+0.1400i	-0.0336+0.0035i	-3.3705-4.3403i
9.7	0.0868+0.0393i	2.0429-2.5929i	-0.0339+0.1143i	-0.0874-0.0273i	-3.3881-3.0090i	-0.0354+0.0993i	-0.0471-0.0014i	-3.2863-2.9634i
9.8	0.0747+0.0197i	2.4372-1.8927i	-0.0363+0.0843i	-0.0833-0.0163i	-3.1043-2.1759i	-0.0372+0.0718i	-0.0591-0.0023i	-3.0089-2.1435i
9.9	0.0635+0.0054i	2.9040-1.4010i	-0.0450+0.0628i	-0.0784-0.0081i	-2.7653-1.5907i	-0.0459+0.0517i	-0.0630-0.0010i	-2.6763-1.5672i
10.0	0.0549-0.0012i	3.3443-1.0822i	-0.0543+0.0489i	-0.0700-0.0024i	-2.4723-1.1995i	-0.0549+0.0383i	-0.0653+0.0098i	-2.3877-1.1824i
10.1	0.0464-0.0091i	3.8289-0.8600i	-0.0649+0.0407i	-0.0673-0.0036i	-2.1640-0.9260i	-0.0653+0.0316i	-0.0593-0.0076i	-2.0872-0.9132i
10.2	0.0388-0.0157i	4.2518-0.8015i	-0.0733+0.0347i	-0.0682-0.0076i	-1.9222-0.7916i	-0.0734+0.0270i	-0.0526-0.0026i	-1.8485-0.7738i
10.3	0.0274-0.0206i	4.6186-0.7783i	-0.0823+0.0325i	-0.0715-0.0106i	-1.7479-0.6984i	-0.0798+0.0265i	-0.0425-0.0098i	-1.6668-0.6804i
10.4	0.0184-0.0212i	4.8824-0.7484i	-0.0856+0.0313i	-0.0778-0.0069i	-1.6626-0.6202i	-0.0815+0.0247i	-0.0534-0.0131i	-1.5736-0.6095i
10.5	0.0134-0.0187i	5.1038-0.6905i	-0.0871+0.0285i	-0.0818-0.0015i	-1.6002-0.5274i	-0.0834+0.0220i	-0.0597-0.0184i	-1.5091-0.5306i
10.6	0.0102-0.0194i	5.3338-0.6353i	-0.0910+0.0251i	-0.0777+0.0037i	-1.5233-0.4437i	-0.0880+0.0180i	-0.0637+0.0011i	-1.4380-0.4547i
10.7	0.0079-0.0190i	5.5871-0.5582i	-0.0943+0.0217i	-0.0751+0.0059i	-1.4470-0.3737i	-0.0921+0.0151i	-0.0461+0.0062i	-1.3683-0.3863i
10.8	0.0051-0.0213i	5.9268-0.4693i	-0.1005+0.0175i	-0.0758+0.0054i	-1.3611-0.3072i	-0.0970+0.0104i	-0.0517-0.0043i	-1.2840-0.3222i
10.9	0.0016-0.0218i	6.2322-0.4004i	-0.1035+0.0143i	-0.0770+0.0070i	-1.3008-0.2555i	-0.1020+0.0078i	-0.0396+0.0135i	-1.2283-0.2720i
11.0	-0.0023-0.0214i	6.5241-0.4008i	-0.1088+0.0127i	-0.0776+0.0071i	-1.2468-0.2347i	-0.1068+0.0074i	-0.0378+0.0071i	-1.1747-0.2538i
11.1	-0.0038-0.0218i	6.8149-0.3802i	-0.1149+0.0130i	-0.0798+0.0075i	-1.2040-0.2160i	-0.1112+0.0071i	-0.0413+0.0021i	-1.1306-0.2354i
11.2	-0.0068-0.0230i	7.1592-0.3486i	-0.1218+0.0125i	-0.0817+0.0101i	-1.1670-0.1859i	-0.1176+0.0053i	-0.0559+0.0099i	-1.0957-0.2045i
11.3	-0.0096-0.0235i	7.4372-0.3372i	-0.1251+0.0116i	-0.0799+0.0130i	-1.1371-0.1617i	-0.1218+0.0043i	-0.0305+0.0319i	-1.0696-0.1805i
11.4	-0.0139-0.0209i	7.7878-0.3206i	-0.1310+0.0101i	-0.0812+0.0134i	-1.1057-0.1449i	-0.1287+0.0031i	-0.0492+0.0138i	-1.0389-0.1645i
11.5	-0.0182-0.0201i	8.1115-0.2718i	-0.1361+0.0081i	-0.0804+0.0128i	-1.0862-0.1291i	-0.1343+0.0004i	-0.0691+0.0258i	-1.0171-0.1472i
11.6	-0.0212-0.0188i	8.5264-0.2233i	-0.1427+0.0063i	-0.0824+0.0095i	-1.0657-0.1159i	-0.1397-0.0007i	-0.0796+0.0285i	-0.9946-0.1334i
11.7	-0.0230-0.0172i	8.8488-0.2786i	-0.1477+0.0057i	-0.0869+0.0088i	-1.0544-0.1120i	-0.1433-0.0006i	-0.0661+0.0310i	-0.9812-0.1276i
11.8	-0.0225-0.0157i	9.2277-0.2811i	-0.1539+0.0055i	-0.0889+0.0078i	-1.0462-0.0986i	-0.1493+0.0002i	-0.0432+0.0238i	-0.9684-0.1137i
11.9	-0.0253-0.0151i	9.6809-0.2979i	-0.1620+0.0050i	-0.0933+0.0060i	-1.0387-0.0868i	-0.1563+0.0015i	-0.0577+0.0124i	-0.9577-0.1033i

12.0	-0.0276-0.0145i	10.0365-0.3179i	-0.1662+0.0039i	-0.0975+0.0052i	-1.0346-0.0809i	-0.1613+0.0014i	-0.0686+0.0119i	-0.9499-0.0967i
12.1	-0.0286-0.0142i	10.5040-0.3952i	-0.1727+0.0051i	-0.1041+0.0042i	-1.0320-0.0699i	-0.1659+0.0009i	-0.0785+0.0175i	-0.9420-0.0892i
12.2	-0.0298-0.0151i	10.9830-0.3661i	-0.1795+0.0047i	-0.1114+0.0007i	-1.0352-0.0673i	-0.1716+0.0009i	-0.0852+0.0248i	-0.9394-0.0845i
12.3	-0.0319-0.0168i	11.3948-0.3843i	-0.1871+0.0050i	-0.1188-0.0003i	-1.0425-0.0606i	-0.1774+0.0021i	-0.0836+0.0236i	-0.9421-0.0803i
12.4	-0.0366-0.0166i	11.9268-0.4944i	-0.1963+0.0048i	-0.1324-0.0032i	-1.0491-0.0535i	-0.1832+0.0032i	-0.0898+0.0192i	-0.9421-0.0747i
12.5	-0.0414-0.0148i	12.3710-0.6144i	-0.2028+0.0058i	-0.1453-0.0029i	-1.0633-0.0395i	-0.1880+0.0029i	-0.1055+0.0114i	-0.9483-0.0640i
12.6	-0.0458-0.0133i	12.9858-0.6685i	-0.2116+0.0051i	-0.1711+0.0033i	-1.0800-0.0262i	-0.1925+0.0021i	-0.1456+0.0097i	-0.9546-0.0577i
12.7	-0.0486-0.0098i	13.5259-0.6942i	-0.2211+0.0037i	-0.1936+0.0142i	-1.0899-0.0189i	-0.1943-0.0014i	-0.1636+0.0144i	-0.9586-0.0581i
12.8	-0.0514-0.0083i	14.0192-0.7696i	-0.2281+0.0042i	-0.2085+0.0343i	-1.1001-0.0061i	-0.1985-0.0073i	-0.1822+0.0428i	-0.9628-0.0560i
12.9	-0.0529-0.0064i	14.5751-0.8813i	-0.2344+0.0043i	-0.2232+0.0686i	-1.1133+0.0077i	-0.2039-0.0128i	-0.1718+0.0607i	-0.9716-0.0529i
13.0	-0.0553-0.0082i	15.2427-0.9420i	-0.2424+0.0029i	-0.2234+0.0992i	-1.1196+0.0220i	-0.2132-0.0209i	-0.1904+0.0585i	-0.9791-0.0453i
13.1	-0.0605-0.0152i	15.8587-0.9346i	-0.2502-0.0001i	-0.2080+0.1217i	-1.1280+0.0196i	-0.2246-0.0316i	-0.1595+0.1064i	-0.9889-0.0488i
13.2	-0.0706-0.0199i	16.5781-0.9561i	-0.2592-0.0054i	-0.1939+0.1383i	-1.1421+0.0101i	-0.2380-0.0424i	-0.1475+0.1390i	-0.9991-0.0532i
13.3	-0.0843-0.0196i	17.4246-1.1611i	-0.2717-0.0103i	-0.1839+0.1529i	-1.1596+0.0063i	-0.2566-0.0503i	-0.1415+0.1473i	-1.0110-0.0575i
13.4	-0.1004-0.0156i	18.2475-1.2720i	-0.2864-0.0135i	-0.1728+0.1520i	-1.1869+0.0082i	-0.2756-0.0551i	-0.1289+0.1279i	-1.0259-0.0584i
13.5	-0.1153-0.0071i	18.9934-1.4344i	-0.3030-0.0164i	-0.1701+0.1536i	-1.2100-0.0086i	-0.2946-0.0590i	-0.1514+0.1443i	-1.0385-0.0710i
13.6	-0.1316+0.0076i	20.2409-1.6148i	-0.3334-0.0212i	-0.1777+0.1632i	-1.2548-0.0384i	-0.3266-0.0650i	-0.1169+0.1579i	-1.0641-0.1048i
13.7	-0.1419+0.0232i	21.1665-1.9167i	-0.3541-0.0172i	-0.1752+0.1661i	-1.3100-0.0419i	-0.3524-0.0619i	-0.1466+0.1418i	-1.0982-0.1218i
13.8	-0.1515+0.0366i	22.1670-2.0671i	-0.3745-0.0129i	-0.1648+0.1624i	-1.3796-0.0460i	-0.3800-0.0570i	-0.1336+0.1592i	-1.1379-0.1360i
13.9	-0.1665+0.0527i	23.3978-2.2476i	-0.3949-0.0090i	-0.1715+0.1603i	-1.4548-0.0436i	-0.4045-0.0462i	-0.1239+0.1278i	-1.1753-0.1533i
14.0	-0.1779+0.0831i	24.8813-2.9280i	-0.4144+0.0012i	-0.1892+0.1731i	-1.5551-0.0010i	-0.4265-0.0317i	-0.1534+0.1088i	-1.2434-0.1564i
14.1	-0.1769+0.1110i	25.9118-3.4353i	-0.4312+0.0072i	-0.1934+0.1827i	-1.6183+0.0340i	-0.4447-0.0232i	-0.1655+0.1619i	-1.2968-0.1685i
14.2	-0.1776+0.1371i	27.2295-3.8464i	-0.4526+0.0099i	-0.2031+0.1980i	-1.6746+0.0530i	-0.4656-0.0204i	-0.1425+0.1966i	-1.3448-0.1904i
14.3	-0.1725+0.1619i	28.7206-4.4955i	-0.4760+0.0145i	-0.2143+0.2150i	-1.7476+0.0937i	-0.4848-0.0143i	-0.1596+0.2011i	-1.4119-0.1958i
14.4	-0.1716+0.1831i	30.3000-5.0277i	-0.4988+0.0157i	-0.2262+0.2329i	-1.8328+0.1261i	-0.5068-0.0115i	-0.1620+0.2118i	-1.4899-0.2060i
14.5	-0.1786+0.2083i	32.2019-5.9200i	-0.5261+0.0231i	-0.2437+0.2684i	-1.9254+0.1503i	-0.5333-0.0057i	-0.1809+0.2379i	-1.5698-0.2300i
14.6	-0.1796+0.2671i	33.9886-7.4747i	-0.5540+0.0367i	-0.2381+0.3216i	-2.0039+0.2282i	-0.5640+0.0081i	-0.1813+0.2912i	-1.6467-0.2598i
14.7	-0.1433+0.3168i	35.2557-8.9222i	-0.5803+0.0475i	-0.2114+0.3513i	-2.0511+0.2934i	-0.5940+0.0203i	-0.1675+0.3348i	-1.7557-0.2907i
14.8	-0.0860+0.3622i	36.3056-9.9117i	-0.6051+0.0520i	-0.1880+0.3720i	-2.0845+0.3731i	-0.6177+0.0289i	-0.1579+0.3641i	-1.8970-0.2907i
14.9	-0.0067+0.3667i	37.6276-10.8708i	-0.6358+0.0615i	-0.1566+0.3794i	-2.0839+0.3894i	-0.6448+0.0391i	-0.1185+0.3533i	-2.0308-0.2680i
15.0	0.0548+0.3304i	39.5429-10.9480i	-0.6728+0.0607i	-0.1449+0.3523i	-2.0852+0.3566i	-0.6740+0.0376i	-0.1173+0.3238i	-2.1263-0.2425i
15.1	0.0604+0.2938i	41.8114-11.1019i	-0.7001+0.0594i	-0.1745+0.3351i	-2.1948+0.3029i	-0.6981+0.0365i	-0.1438+0.3059i	-2.2256-0.2302i
15.2	0.0199+0.2494i	46.7506-12.2216i	-0.7554+0.0661i	-0.2666+0.3249i	-2.4171+0.2142i	-0.7486+0.0402i	-0.2213+0.2731i	-2.3646-0.2343i
15.3	-0.0238+0.2615i	51.4337-14.7262i	-0.8117+0.0760i	-0.3496+0.3841i	-2.6538+0.1948i	-0.7995+0.0428i	-0.2998+0.3231i	-2.5030-0.2782i
15.4	-0.0866+0.2997i	57.6860-16.9758i	-0.8768+0.0667i	-0.4759+0.4689i	-2.9181+0.1806i	-0.8570+0.0283i	-0.4045+0.4276i	-2.6340-0.3703i
15.5	-0.1288+0.3971i	63.7729-22.2420i	-0.9511+0.0748i	-0.5724+0.6577i	-3.2395+0.2504i	-0.9247+0.0217i	-0.5186+0.6421i	-2.8437-0.4919i
15.6	-0.1052+0.5646i	68.4727-31.0340i	-1.0410+0.1062i	-0.5757+0.9626i	-3.5657+0.4232i	-1.0149+0.0272i	-0.5458+0.9549i	-3.1960-0.6552i
15.7	-0.0007+0.7932i	73.1385-42.3674i	-1.1675+0.1356i	-0.4788+1.3786i	-3.8893+0.7410i	-1.1449+0.0288i	-0.4317+1.3830i	-3.7140-0.8448i
15.8	0.2664+0.8975i	70.4493-53.3467i	-1.2712+0.1970i	-0.0686+1.6449i	-4.0247+1.0778i	-1.2787+0.0705i	0.0085+1.6367i	-4.3857-0.7629i
15.9	0.5449+0.8960i	66.9710-62.6694i	-1.3790+0.2750i	0.3815+1.7585i	-4.2048+1.3492i	-1.4191+0.1401i	0.4783+1.7195i	-5.1270-0.5271i
16.0	0.8184+0.7751i	63.1120-69.9917i	-1.4920+0.3639i	0.8735+1.6736i	-4.5416+1.4977i	-1.5728+0.2324i	0.9850+1.5889i	-6.0091-0.1322i
16.1	1.0200+0.5848i	60.9967-76.1328i	-1.6380+0.4511i	1.2587+1.4643i	-5.0153+1.6639i	-1.7504+0.3294i	1.3659+1.3838i	-6.8980+0.4338i
16.2	1.1645+0.3537i	61.8210-82.9453i	-1.8518+0.5488i	1.5521+1.1910i	-5.6619+1.9196i	-1.9930+0.4395i	1.6510+1.0869i	-7.8434+1.1763i
16.3	1.2313+0.1164i	62.2177-92.2536i	-2.0681+0.7310i	1.7272+0.8968i	-6.4549+2.4167i	-2.2346+0.6352i	1.8111+0.7249i	-8.7277+2.1892i
16.4	1.2055-0.2055i	58.6103-110.6964i	-2.2819+1.1584i	1.8416+0.5068i	-7.3126+4.0307i	-2.4728+1.0969i	1.9167+0.3164i	-9.4322+4.3798i
16.5	1.0791-0.4703i	47.3108-130.3695i	-2.3639+1.6071i	1.9012+0.1746i	-7.2313+5.8417i	-2.5694+1.5868i	1.9951-0.0080i	-9.1210+6.5652i
16.6	0.8696-0.6217i	20.4858-140.0010i	-2.2725+2.0759i	1.9169-0.2966i	-6.5374+7.1338i	-2.4840+2.1042i	2.0077-0.5100i	-8.1127+8.2145i
16.7	0.7527-0.7252i	6.5250-139.2839i	-2.2590+2.5292i	1.6450-0.7302i	-6.2914+8.6189i	-2.4467+2.6126i	1.7059-0.9934i	-7.5183+9.9055i
16.8	0.5392-0.8493i	-10.9959-142.5683i	-2.0033+3.1744i	1.2665-1.0026i	-4.7602+10.7262i	-2.1482+3.3040i	1.2484-1.2931i	-5.5538+12.0645i
16.9	0.2874-0.8892i	-34.3825-141.7095i	-1.4093+3.7087i	0.9162-1.1743i	-2.3132+11.6828i	-1.5115+3.8598i	0.8653-1.4257i	-2.7059+13.0368i
17.0	0.0451-0.7732i	-57.5699-128.4667i	-0.5949+3.8729i	0.5731-1.1075i	0.1014+10.8043i	-0.6503+4.0125i	0.5409-1.3511i	0.0430+11.9899i
17.1	-0.0325-0.6120i	-67.1673-110.9123i	-0.0565+3.8581i	0.3476-1.0639i	0.9486+10.1571i	-0.0841+3.9869i	0.2683-1.3153i	1.0165+11.1085i
17.2	-0.0772-0.5488i	-75.5732-100.0349i	0.6048+4.0067i	-0.0132-1.0756i	2.4849+10.3050i	0.6135+4.1338i	-0.1216-1.2826i	2.6687+11.1097i
17.3	-0.1248-0.4995i	-82.0224-86.5018i	1.2470+3.6203i	-0.2127-0.7969i	3.5759+8.9992i	1.2692+3.7177i	-0.3089-0.9953i	3.8714+9.6748i
17.4	-0.1572-0.4184i	-82.1228-72.0233i	1.5154+3.0824i	-0.1749-0.5478i	3.6043+7.8817i	1.5384+3.1543i	-0.3094-0.7305i	3.9206+8.3886i
17.5	-0.1674-0.3330i	-80.3301-60.8725i	1.6602+2.7277i	-0.1588-0.4507i	3.7416+7.4125i	1.6832+2.7886i	-0.2930-0.6155i	4.0386+7.7610i
17.6	-0.1297-0.2809i	-76.4227-51.6307i	1.7743+2.3677i	-0.1629-0.3497i	4.1491+6.9340i	1.7966+2.4158i	-0.2968-0.4902i	4.3635+7.1970i
17.7	-0.1300-0.2559i	-73.9211-45.0216i	1.8304+2.0742i	-0.1406-0.2610i	4.4589+6.4122i	1.8529+2.1141i	-0.2682-0.3898i	4.6473+6.6169i
17.8	-0.1390-0.2267i	-71.9837-38.1005i	1.8757+1.7935i	-0.1107-0.2010i	4.7396+5.8888i	1.8953+1.8270i	-0.2468-0.3290i	4.9197+6.0353i
17.9	-0.1320-0.1879i	-69.1677-32.2535i	1.8775+1.5459i	-0.0932-0.1593i	5.0042+5.3867i	1.8983+1.5747i	-0.2285-0.2523i	5.1338+5.4667i
18.0	-0.1174-0.1706i	-65.9012-28.3729i	1.8281+1.3563i	-0.0791-0.1305i	5.0533+4.8653i	1.8457+1.3817i	-0.1979-0.2033i	5.1402+4.9285i
18.1	-0.1102-0.1626i	-62.6851-25.3972i	1.7584+1.2049i	-0.0630-0.1027i	5.0072+4.4226i	1.7750+1.2284i	-0.1778-0.1803i	5.0702+4.4836i
18.2	-0.1145-0.1505i	-59.3283-21.9108i	1.6761+1.0363i	-0.0370-0.0788i	4.9576+3.9532i	1.6924+1.0537i	-0.1561-0.1354i	5.0113+4.0029i

18.3	-0.1165-0.1367i	-57.0237-19.7539i	1.6159+0.9326i	-0.0203-0.0670i	4.9396+3.6663i	1.6316+0.9464i	-0.1298-0.1051i	4.9847+3.6983i
18.4	-0.1217-0.1252i	-55.1022-17.7586i	1.5714+0.8551i	-0.0124-0.0565i	4.9652+3.4633i	1.5866+0.8653i	-0.1170-0.1012i	5.0043+3.4723i
18.5	-0.1317-0.1063i	-52.7520-15.5027i	1.5184+0.7628i	0.0011-0.0488i	5.0958+3.1488i	1.5334+0.7667i	-0.1170-0.1002i	5.1105+3.1293i
18.6	-0.1245-0.0663i	-49.9540-13.2812i	1.4636+0.6481i	0.0108-0.0361i	5.1498+2.5654i	1.4763+0.6514i	-0.1079-0.0593i	5.1032+2.5224i
18.7	-0.1054-0.0496i	-47.5789-12.3729i	1.3756+0.5839i	0.0213-0.0265i	4.8545+2.1606i	1.3841+0.5870i	-0.0932-0.0425i	4.7805+2.1371i
18.8	-0.0874-0.0500i	-45.3092-11.6938i	1.2822+0.5414i	0.0267-0.0206i	4.5294+1.9424i	1.2851+0.5417i	-0.0701-0.0363i	4.4532+1.9482i
18.9	-0.0763-0.0475i	-43.5792-11.0625i	1.2240+0.5177i	0.0344-0.0150i	4.4002+1.8617i	1.2279+0.5144i	-0.0437-0.0565i	4.3105+1.8744i
19.0	-0.0718-0.0480i	-42.3652-10.6288i	1.1856+0.5015i	0.0384-0.0080i	4.3509+1.7793i	1.1908+0.4932i	-0.0593-0.0474i	4.2560+1.8020i
19.1	-0.0703-0.0425i	-40.9573-10.0472i	1.1417+0.4817i	0.0513-0.0087i	4.2625+1.6401i	1.1428+0.4763i	-0.0495-0.0194i	4.1611+1.6633i
19.2	-0.0727-0.0321i	-39.7162-9.2722i	1.0987+0.4597i	0.0569-0.0031i	4.2098+1.4943i	1.0919+0.4495i	-0.0153-0.0222i	4.1116+1.5107i
19.3	-0.0675-0.0273i	-38.3981-8.7757i	1.0540+0.4442i	0.0673+0.0034i	4.1188+1.3554i	1.0401+0.4322i	-0.0310-0.0314i	4.0132+1.3732i
19.4	-0.0635-0.0184i	-37.1249-8.3245i	1.0112+0.4356i	0.0707+0.0084i	4.0143+1.2343i	0.9981+0.4253i	-0.0333+0.0083i	3.9092+1.2538i
19.5	-0.0563-0.0124i	-36.1600-8.2125i	0.9829+0.4432i	0.0693+0.0110i	3.9387+1.1592i	0.9645+0.4342i	-0.0239+0.0065i	3.8283+1.1804i
19.6	-0.0524-0.0057i	-35.1427-7.9198i	0.9467+0.4509i	0.0798+0.0099i	3.8769+1.0600i	0.9222+0.4450i	-0.0161-0.0025i	3.7574+1.0830i
19.7	-0.0486-0.0008i	-34.2265-7.7946i	0.9205+0.4594i	0.0898+0.0064i	3.7934+0.9844i	0.8980+0.4577i	0.0041+0.0065i	3.6703+1.0114i
19.8	-0.0429+0.0037i	-33.3060-7.6985i	0.8949+0.4733i	0.0978+0.0014i	3.6857+0.8954i	0.8735+0.4762i	0.0384+0.0075i	3.5616+0.9291i
19.9	-0.0353+0.0102i	-32.5198-7.5959i	0.8763+0.4900i	0.0992-0.0056i	3.6042+0.8074i	0.8529+0.4981i	0.0413+0.0025i	3.4790+0.8475i
20.0	-0.0311+0.0111i	-31.9806-7.4517i	0.8727+0.5094i	0.1036+0.0018i	3.5731+0.7509i	0.8500+0.5185i	0.0319-0.0139i	3.4453+0.7904i
20.1	-0.0206+0.0151i	-31.3722-7.5045i	0.8738+0.5385i	0.0942+0.0005i	3.4955+0.6757i	0.8551+0.5495i	-0.0015-0.0055i	3.3636+0.7283i
20.2	-0.0127+0.0201i	-30.8756-7.5405i	0.8799+0.5627i	0.0923+0.0025i	3.4111+0.6260i	0.8643+0.5741i	0.0130-0.0116i	3.2812+0.6829i
20.3	-0.0105+0.0192i	-30.5727-7.5383i	0.8967+0.5868i	0.0994+0.0150i	3.3439+0.6083i	0.8838+0.5967i	0.0071-0.0237i	3.2229+0.6673i
20.4	-0.0084+0.0244i	-30.2088-7.4084i	0.9239+0.5997i	0.1084+0.0203i	3.2650+0.5288i	0.9147+0.6099i	-0.0043-0.0146i	3.1510+0.5932i
20.5	-0.0025+0.0306i	-29.9296-7.2873i	0.9460+0.6056i	0.1171+0.0166i	3.1835+0.4749i	0.9390+0.6144i	0.0050+0.0137i	3.0757+0.5418i
20.6	0.0093+0.0261i	-29.7504-6.9604i	0.9847+0.5973i	0.1243+0.0390i	3.1483+0.4484i	0.9769+0.6014i	0.0442+0.0615i	3.0424+0.5028i
20.7	0.0181+0.0203i	-29.5179-6.7371i	1.0175+0.5867i	0.1395+0.0565i	3.0888+0.4382i	1.0088+0.5878i	0.0904+0.0383i	2.9833+0.4840i
20.8	0.0197+0.0217i	-29.1841-6.4871i	1.0490+0.5690i	0.1791+0.0509i	3.0356+0.4268i	1.0362+0.5668i	0.1081+0.0076i	2.9188+0.4681i
20.9	0.0260+0.0271i	-28.9498-6.1473i	1.0804+0.5412i	0.2095+0.0241i	3.0029+0.3910i	1.0642+0.5408i	0.1439+0.0096i	2.8711+0.4343i
21.0	0.0409+0.0238i	-28.5334-5.7459i	1.0964+0.4993i	0.2176-0.0053i	2.9056+0.3583i	1.0785+0.5042i	0.1558-0.0118i	2.7663+0.4119i
21.1	0.0465+0.0227i	-28.2686-5.6235i	1.0995+0.4822i	0.2193-0.0248i	2.8417+0.3657i	1.0820+0.4880i	0.1439-0.0361i	2.7048+0.4261i
21.2	0.0522+0.0137i	-27.8417-5.3438i	1.0995+0.4550i	0.2279-0.0381i	2.8011+0.3804i	1.0811+0.4607i	0.1573-0.0571i	2.6604+0.4448i
21.3	0.0530+0.0004i	-27.4739-5.0475i	1.1029+0.4354i	0.2420-0.0415i	2.7581+0.4088i	1.0798+0.4408i	0.1860-0.0719i	2.6161+0.4723i
21.4	0.0637-0.0124i	-27.1209-4.7436i	1.1064+0.4150i	0.2098-0.0552i	2.7140+0.4553i	1.0836+0.4213i	0.1444-0.1049i	2.5855+0.5271i
21.5	0.0609-0.0135i	-26.8178-4.4631i	1.1146+0.3891i	0.1974-0.1012i	2.7057+0.4705i	1.0917+0.3997i	0.1197-0.1155i	2.5853+0.5588i
21.6	0.0587-0.0245i	-26.4604-4.1796i	1.1149+0.3697i	0.1940-0.1024i	2.7022+0.4987i	1.0928+0.3829i	0.1365-0.1088i	2.5833+0.5813i
21.7	0.0545-0.0350i	-26.0971-4.0540i	1.1176+0.3636i	0.2093-0.1049i	2.7096+0.5102i	1.0944+0.3757i	0.1521-0.1257i	2.5797+0.5983i
21.8	0.0373-0.0386i	-25.6902-3.9184i	1.1243+0.3477i	0.2107-0.1315i	2.7498+0.5426i	1.1006+0.3609i	0.1447-0.1536i	2.6240+0.6375i
21.9	0.0302-0.0460i	-25.2981-3.7794i	1.1267+0.3286i	0.1797-0.1129i	2.7891+0.5645i	1.1075+0.3437i	0.1246-0.1229i	2.6789+0.6517i
22.0	0.0255-0.0427i	-24.9552-3.6734i	1.1318+0.3152i	0.1582-0.1180i	2.8206+0.5572i	1.1163+0.3309i	0.1207-0.1396i	2.7230+0.6500i
22.1	0.0147-0.0343i	-24.6577-3.6222i	1.1368+0.3020i	0.1479-0.1398i	2.8645+0.5493i	1.1228+0.3177i	0.0861-0.1773i	2.7803+0.6449i
22.2	0.0091-0.0287i	-24.3084-3.5020i	1.1384+0.2826i	0.1327-0.1359i	2.8990+0.5165i	1.1266+0.2973i	0.0526-0.1639i	2.8240+0.6018i
22.3	0.0056-0.0195i	-24.0587-3.3719i	1.1374+0.2634i	0.1230-0.1489i	2.9205+0.4536i	1.1276+0.2768i	0.0377-0.1941i	2.8482+0.5434i
22.4	0.0001-0.0180i	-23.6968-3.2296i	1.1412+0.2389i	0.1226-0.1175i	2.9521+0.4000i	1.1331+0.2502i	0.0091-0.1508i	2.8845+0.4779i
22.5	-0.0047-0.0131i	-23.4261-3.2549i	1.1399+0.2257i	0.1451-0.1064i	2.9565+0.3649i	1.1280+0.2350i	0.0564-0.1251i	2.8827+0.4337i
22.6	-0.0078-0.0063i	-23.0968-3.1485i	1.1369+0.2057i	0.1590-0.0981i	2.9717+0.3277i	1.1212+0.2143i	0.0784-0.1195i	2.8883+0.3822i
22.7	-0.0084+0.0010i	-22.7476-3.0835i	1.1349+0.1893i	0.1697-0.0987i	2.9898+0.2874i	1.1172+0.1977i	0.0824-0.1040i	2.8978+0.3345i
22.8	-0.0101+0.0147i	-22.5028-3.0799i	1.1277+0.1779i	0.1916-0.1334i	2.9785+0.2467i	1.1083+0.1885i	0.0776-0.1303i	2.8789+0.2993i
22.9	-0.0142+0.0283i	-22.2061-3.1399i	1.1215+0.1622i	0.2376-0.1690i	2.9720+0.1983i	1.0980+0.1779i	0.1154-0.1705i	2.8566+0.2598i
23.0	-0.0098+0.0403i	-21.9685-3.0756i	1.1198+0.1481i	0.2436-0.2131i	2.9636+0.1645i	1.0952+0.1697i	0.1624-0.2172i	2.8433+0.2390i
23.1	0.0003+0.0525i	-21.7721-3.0364i	1.1176+0.1384i	0.2147-0.2713i	2.9579+0.1285i	1.0970+0.1663i	0.1361-0.2827i	2.8480+0.2265i
23.2	0.0074+0.0565i	-21.5959-3.0138i	1.1165+0.1299i	0.1820-0.2937i	2.9547+0.1098i	1.0996+0.1585i	0.0943-0.3023i	2.8609+0.2146i
23.3	0.0224+0.0649i	-21.3522-3.0609i	1.1122+0.1239i	0.1270-0.3186i	2.9459+0.0978i	1.1000+0.1529i	0.0570-0.3298i	2.8701+0.1978i
23.4	0.0351+0.0669i	-21.2308-3.0297i	1.1125+0.1159i	0.0825-0.3291i	2.9537+0.0768i	1.1039+0.1448i	0.0058-0.3590i	2.8949+0.1685i
23.5	0.0405+0.0630i	-21.1162-2.9294i	1.1152+0.1034i	0.0591-0.3038i	2.9695+0.0315i	1.1107+0.1279i	-0.0527-0.3166i	2.9163+0.1082i
23.6	0.0438+0.0643i	-20.8993-2.8999i	1.1116+0.0937i	0.0492-0.3057i	2.9567+0.0065i	1.1079+0.1158i	-0.0396-0.2914i	2.9046+0.0649i
23.7	0.0627+0.0612i	-20.7269-2.8660i	1.1176+0.0842i	-0.0226-0.2904i	2.9956-0.0368i	1.1181+0.1057i	-0.1043-0.2801i	2.9427+0.0103i
23.8	0.0748+0.0525i	-20.5829-2.8072i	1.1200+0.0794i	-0.0541-0.2437i	2.9965-0.0482i	1.1213+0.0964i	-0.1576-0.2253i	2.9356-0.0222i
23.9	0.0814+0.0535i	-20.4044-2.7324i	1.1143+0.0633i	-0.0794-0.2357i	2.9595-0.0975i	1.1167+0.0766i	-0.1854-0.2129i	2.8993-0.0829i
24.0	0.0833+0.0505i	-20.2498-2.7405i	1.1155+0.0549i	-0.0863-0.2226i	2.9634-0.1397i	1.1167+0.0648i	-0.1734-0.2091i	2.8950-0.1248i
24.1	0.0828+0.0482i	-20.0629-2.7526i	1.1078+0.0495i	-0.0945-0.1997i	2.9151-0.1576i	1.1087+0.0572i	-0.1813-0.2150i	2.8511-0.1449i
24.2	0.0936+0.0391i	-19.8863-2.7321i	1.1108+0.0484i	-0.1214-0.1660i	2.9334-0.1587i	1.1124+0.0543i	-0.2333-0.1683i	2.8525-0.1535i
24.3	0.0951+0.0308i	-19.7440-2.7083i	1.1162+0.0347i	-0.1224-0.1284i	2.9447-0.2077i	1.1158+0.0393i	-0.2276-0.1076i	2.8520-0.1989i
24.4	0.0918+0.0275i	-19.5863-2.7161i	1.1201+0.0160i	-0.1227-0.1036i	2.9474-0.2689i	1.1167+0.0212i	-0.2011-0.0794i	2.8505-0.2562i
24.5	0.0906+0.0262i	-19.4317-2.7401i	1.1232+0.0178i	-0.1164-0.0884i	2.9580-0.2601i	1.1183+0.0215i	-0.2047-0.0853i	2.8557-0.2514i

24.6	0.0884+0.0281i	-19.2728-2.7360i	1.1245+0.0132i	-0.1094-0.0775i	2.9565-0.2638i	1.1188+0.0176i	-0.2032-0.0575i	2.8561-0.2604i
24.7	0.0828+0.0310i	-19.1178-2.6737i	1.1282-0.0022i	-0.0846-0.0711i	2.9625-0.3220i	1.1216+0.0042i	-0.1466-0.0511i	2.8560-0.3167i
24.8	0.0825+0.0373i	-18.9787-2.6824i	1.1252-0.0205i	-0.0687-0.0582i	2.9332-0.4010i	1.1191-0.0151i	-0.1503-0.0577i	2.8291-0.3914i
24.9	0.0843+0.0427i	-18.8761-2.7096i	1.1231-0.0298i	-0.0572-0.0495i	2.9140-0.4329i	1.1161-0.0281i	-0.1531-0.0351i	2.8070-0.4311i
25.0	0.0901+0.0483i	-18.7663-2.7041i	1.1228-0.0422i	-0.0633-0.0442i	2.8966-0.4617i	1.1158-0.0383i	-0.1566-0.0026i	2.7910-0.4718i
25.1	0.0990+0.0521i	-18.6005-2.7111i	1.1196-0.0522i	-0.0694-0.0433i	2.8633-0.5005i	1.1133-0.0479i	-0.1562-0.0100i	2.7592-0.5110i
25.2	0.1079+0.0552i	-18.5191-2.7109i	1.1126-0.0619i	-0.0633-0.0311i	2.8176-0.5275i	1.1051-0.0597i	-0.1535-0.0085i	2.7090-0.5487i
25.3	0.1142+0.0558i	-18.3948-2.7009i	1.1082-0.0670i	-0.0632-0.0245i	2.7817-0.5278i	1.0996-0.0643i	-0.1594-0.0094i	2.6679-0.5595i
25.4	0.1278+0.0550i	-18.2810-2.6534i	1.1003-0.0715i	-0.0685-0.0267i	2.7193-0.5271i	1.0918-0.0712i	-0.1497-0.0180i	2.6045-0.5637i
25.5	0.1420+0.0579i	-18.1532-2.6884i	1.0958-0.0734i	-0.0721-0.0264i	2.6923-0.5220i	1.0895-0.0733i	-0.1336-0.0319i	2.5701-0.5717i
25.6	0.1485+0.0525i	-17.9963-2.7043i	1.0941-0.0721i	-0.0594-0.0204i	2.6719-0.5005i	1.0872-0.0718i	-0.1148-0.0294i	2.5359-0.5607i
25.7	0.1584+0.0447i	-17.8995-2.6874i	1.0910-0.0707i	-0.0554-0.0079i	2.6273-0.4824i	1.0850-0.0725i	-0.1160+0.0036i	2.4864-0.5369i
25.8	0.1634+0.0353i	-17.7443-2.6405i	1.0929-0.0688i	-0.0589+0.0032i	2.6095-0.4473i	1.0861-0.0714i	-0.1298+0.0256i	2.4676-0.5148i
25.9	0.1729+0.0250i	-17.6317-2.5990i	1.0983-0.0635i	-0.0661+0.0219i	2.6049-0.3776i	1.0915-0.0692i	-0.1510+0.0315i	2.4592-0.4719i
26.0	0.1828+0.0195i	-17.4933-2.6187i	1.1064-0.0657i	-0.0744+0.0365i	2.6242-0.3410i	1.0966-0.0747i	-0.1567+0.0597i	2.4580-0.4574i
26.1	0.1894+0.0102i	-17.3278-2.6387i	1.1159-0.0710i	-0.0800+0.0637i	2.6378-0.3094i	1.1063-0.0836i	-0.1411+0.0948i	2.4604-0.4644i
26.2	0.1971+0.0027i	-17.1960-2.6815i	1.1165-0.0722i	-0.0845+0.0902i	2.6245-0.2365i	1.1068-0.0879i	-0.1433+0.1116i	2.4250-0.4473i
26.3	0.2109-0.0155i	-17.0235-2.6887i	1.1118-0.0741i	-0.0863+0.1362i	2.5984-0.1469i	1.1007-0.0923i	-0.1689+0.1390i	2.3593-0.4050i
26.4	0.2135-0.0575i	-16.7968-2.7211i	1.1150-0.0695i	-0.0421+0.2120i	2.7272+0.0003i	1.0965-0.0918i	-0.1404+0.2193i	2.3530-0.2963i
26.5	0.1974-0.0774i	-16.6803-2.8446i	1.1219-0.0619i	0.0325+0.2331i	2.8737+0.0519i	1.0983-0.0859i	-0.0704+0.2303i	2.3950-0.2260i
26.6	0.1690-0.0898i	-16.5782-3.0072i	1.1384-0.0491i	0.1255+0.2105i	3.0705+0.0666i	1.1078-0.0751i	0.0243+0.1977i	2.4704-0.1333i
26.7	0.1442-0.1007i	-16.4985-3.0854i	1.1571-0.0338i	0.1925+0.1885i	3.2556+0.0691i	1.1222-0.0583i	0.1026+0.1833i	2.5707-0.0523i
26.8	0.1212-0.1003i	-16.4393-3.1761i	1.1847-0.0343i	0.2179+0.1550i	3.4043-0.0205i	1.1432-0.0571i	0.1372+0.1514i	2.6927-0.0426i
26.9	0.0941-0.0861i	-16.3986-3.2613i	1.2171-0.0513i	0.2464+0.0928i	3.5610-0.2016i	1.1700-0.0711i	0.1398+0.0948i	2.8390-0.1154i
27.0	0.0820-0.0742i	-16.3875-3.3434i	1.2410-0.0602i	0.2538+0.0640i	3.6396-0.2831i	1.1920-0.0768i	0.1321+0.0696i	2.9225-0.1516i
27.1	0.0685-0.0577i	-16.2792-3.4346i	1.2643-0.0772i	0.2654+0.0274i	3.7218-0.4368i	1.2078-0.0911i	0.1394+0.0341i	2.9833-0.2141i
27.2	0.0633-0.0438i	-16.1985-3.5597i	1.2808-0.0978i	0.2767+0.0004i	3.7805-0.5967i	1.2206-0.1091i	0.1612-0.0005i	3.0285-0.2798i
27.3	0.0592-0.0218i	-16.0883-3.7298i	1.2956-0.1144i	0.2928-0.0312i	3.8078-0.7510i	1.2265-0.1225i	0.1705-0.0489i	3.0450-0.3238i
27.4	0.0627-0.0054i	-16.1129-3.8430i	1.3046-0.1223i	0.2993-0.0595i	3.7921-0.8351i	1.2319-0.1250i	0.1611-0.0571i	3.0666-0.3280i
27.5	0.0658+0.0030i	-16.1193-3.9850i	1.3234-0.1287i	0.3053-0.0860i	3.8143-0.9094i	1.2483-0.1269i	0.1639-0.0731i	3.1305-0.3276i
27.6	0.0714+0.0171i	-16.0591-4.1652i	1.3446-0.1496i	0.3022-0.1346i	3.8500-1.0699i	1.2664-0.1392i	0.1597-0.1219i	3.1972-0.3580i
27.7	0.0791+0.0362i	-16.1605-4.3749i	1.3642-0.1821i	0.2867-0.1867i	3.8450-1.2637i	1.2857-0.1609i	0.1448-0.1522i	3.2900-0.4121i
27.8	0.0896+0.0526i	-16.3740-4.6155i	1.3777-0.2023i	0.2478-0.2403i	3.7625-1.4176i	1.3004-0.1721i	0.1169-0.2007i	3.3758-0.4375i
27.9	0.1081+0.0607i	-16.6104-4.6962i	1.3836-0.2201i	0.2025-0.2696i	3.6565-1.5155i	1.3090-0.1822i	0.0671-0.2226i	3.4563-0.4809i
28.0	0.1286+0.0625i	-16.9389-4.6045i	1.3985-0.2353i	0.1478-0.2725i	3.5732-1.5490i	1.3307-0.1907i	-0.0013-0.2206i	3.5957-0.5568i
28.1	0.1474+0.0549i	-17.1345-4.3729i	1.4065-0.2564i	0.1032-0.2602i	3.4859-1.5844i	1.3452-0.2112i	-0.0464-0.2128i	3.6760-0.7108i
28.2	0.1532+0.0417i	-17.1777-4.1550i	1.4136-0.2735i	0.0744-0.2460i	3.4172-1.6055i	1.3565-0.2271i	-0.0748-0.1985i	3.7179-0.8642i
28.3	0.1472+0.0388i	-17.1652-3.9632i	1.4251-0.2963i	0.0583-0.2199i	3.3849-1.5988i	1.3733-0.2453i	-0.1025-0.1703i	3.7362-1.0214i
28.4	0.1586+0.0484i	-17.1176-3.8566i	1.4338-0.3160i	0.0454-0.2014i	3.3700-1.5976i	1.3877-0.2648i	-0.1204-0.1265i	3.7192-1.1345i
28.5	0.1693+0.0433i	-17.0974-3.6969i	1.4553-0.3240i	0.0386-0.1840i	3.3870-1.5754i	1.4126-0.2759i	-0.1193-0.0914i	3.7442-1.2091i
28.6	0.1723+0.0352i	-17.0139-3.5760i	1.4775-0.3438i	0.0399-0.1666i	3.4300-1.5872i	1.4374-0.3007i	-0.1009-0.0744i	3.7642-1.3135i
28.7	0.1702+0.0332i	-16.8997-3.4869i	1.5033-0.3687i	0.0449-0.1536i	3.4909-1.6329i	1.4657-0.3306i	-0.0969-0.0759i	3.8006-1.4488i
28.8	0.1686+0.0337i	-16.7840-3.4471i	1.5232-0.3990i	0.0495-0.1521i	3.5368-1.6998i	1.4854-0.3618i	-0.1021-0.0552i	3.8064-1.5728i
28.9	0.1685+0.0358i	-16.6876-3.4044i	1.5396-0.4363i	0.0532-0.1534i	3.5566-1.7938i	1.4993-0.3997i	-0.0893-0.0557i	3.7931-1.7077i
29.0	0.1684+0.0366i	-16.5535-3.3961i	1.5548-0.4774i	0.0636-0.1483i	3.5879-1.9044i	1.5120-0.4439i	-0.0669-0.0537i	3.7831-1.8545i
29.1	0.1681+0.0434i	-16.4010-3.4565i	1.5721-0.5240i	0.0664-0.1532i	3.6001-2.0357i	1.5262-0.4900i	-0.0425-0.0253i	3.7592-2.0205i
29.2	0.1678+0.0546i	-16.3436-3.4938i	1.5772-0.5659i	0.0658-0.1645i	3.5802-2.1586i	1.5267-0.5327i	-0.0513-0.0320i	3.7048-2.1627i
29.3	0.1688+0.0670i	-16.2718-3.5425i	1.5849-0.6151i	0.0606-0.1724i	3.5645-2.2888i	1.5296-0.5836i	-0.0736-0.0423i	3.6572-2.3114i
29.4	0.1773+0.0770i	-16.2238-3.6130i	1.5941-0.6656i	0.0584-0.1790i	3.5593-2.4239i	1.5346-0.6336i	-0.0859-0.0300i	3.6278-2.4696i
29.5	0.1896+0.0878i	-16.2127-3.6910i	1.5707-0.7356i	0.0510-0.1860i	3.4425-2.5963i	1.5099-0.6958i	-0.0651-0.0268i	3.4712-2.6714i
29.6	0.2023+0.1012i	-16.2096-3.6851i	1.5385-0.7840i	0.0377-0.1930i	3.2916-2.6986i	1.4791-0.7374i	-0.0548-0.0579i	3.2884-2.7942i
29.7	0.2151+0.1028i	-16.1969-3.7295i	1.5182-0.8147i	0.0298-0.1895i	3.1906-2.7262i	1.4553-0.7638i	-0.0742-0.0568i	3.1555-2.8474i
29.8	0.2323+0.1127i	-16.1953-3.6968i	1.5022-0.8575i	0.0241-0.1884i	3.1219-2.7778i	1.4362-0.8018i	-0.0542-0.0307i	3.0408-2.9310i
29.9	0.2579+0.1267i	-16.1591-3.7597i	1.4788-0.9155i	0.0090-0.1980i	3.0289-2.9027i	1.4105-0.8526i	-0.0314-0.0329i	2.8839-3.0717i
30.0	0.2812+0.1247i	-16.1695-3.7757i	1.4379-0.9438i	-0.0058-0.1912i	2.9147-2.9236i	1.3724-0.8768i	-0.0344-0.0287i	2.7166-3.0895i
30.1	0.3039+0.1145i	-16.1821-3.7884i	1.3817-0.9819i	-0.0165-0.1824i	2.7803-2.9798i	1.3206-0.9103i	-0.0418-0.0304i	2.5019-3.1299i
30.2	0.3191+0.1015i	-16.1500-3.7518i	1.3334-0.9988i	-0.0256-0.1777i	2.6786-3.0075i	1.2782-0.9253i	-0.0510-0.0426i	2.3439-3.1160i
30.3	0.3248+0.0897i	-16.0984-3.7419i	1.2964-1.0008i	-0.0336-0.1708i	2.6145-3.0110i	1.2449-0.9238i	-0.0808-0.0439i	2.2531-3.0550i
30.4	0.3308+0.0955i	-16.0394-3.8148i	1.2751-1.0136i	-0.0351-0.1614i	2.5701-3.0756i	1.2199-0.9361i	-0.0670-0.0335i	2.2207-3.0835i
30.5	0.3454+0.1016i	-16.1237-3.8979i	1.2367-1.0388i	-0.0378-0.1555i	2.4219-3.1627i	1.1814-0.9550i	-0.0571-0.0366i	2.0932-3.1700i
30.6	0.3662+0.0964i	-16.2271-3.9288i	1.1799-1.0456i	-0.0452-0.1501i	2.1953-3.1803i	1.1302-0.9548i	-0.0638-0.0215i	1.8622-3.2050i
30.7	0.3794+0.0858i	-16.2253-3.8876i	1.1180-1.0244i	-0.0468-0.1390i	1.9961-3.0836i	1.0798-0.9313i	-0.0465-0.0320i	1.6269-3.1266i
30.8	0.3934+0.0839i	-16.2549-3.8204i	1.0675-1.0013i	-0.0484-0.1261i	1.8389-2.9727i	1.0398-0.9117i	-0.0760-0.0443i	1.4306-3.0331i

30.9	0.4156+0.0858i	-16.2397-3.7422i	1.0308-0.9628i	-0.0493-0.1191i	1.7503-2.8281i	1.0083-0.8776i	-0.0868-0.0321i	1.2838-2.8837i
31.0	0.4300+0.0902i	-16.2465-3.6960i	1.0060-0.9304i	-0.0473-0.1125i	1.6937-2.7281i	0.9867-0.8519i	-0.0684-0.0256i	1.1789-2.7721i
31.1	0.4510+0.0841i	-16.1926-3.6166i	0.9874-0.8920i	-0.0372-0.1065i	1.6406-2.5989i	0.9658-0.8195i	-0.0326-0.0255i	1.0959-2.6314i
31.2	0.4863+0.0737i	-16.1556-3.5058i	0.9791-0.8504i	-0.0369-0.0998i	1.6236-2.4716i	0.9528-0.7847i	-0.0293-0.0209i	1.0220-2.4880i
31.3	0.5201+0.0630i	-16.0637-3.4488i	0.9862-0.8095i	-0.0352-0.0908i	1.6434-2.3703i	0.9515-0.7477i	-0.0091-0.0205i	0.9835-2.3624i
31.4	0.5506+0.0447i	-15.9483-3.4202i	1.0036-0.7645i	-0.0305-0.0835i	1.6963-2.2470i	0.9628-0.7055i	-0.0236-0.0158i	0.9630-2.2032i
31.5	0.5687+0.0176i	-15.8530-3.4284i	1.0211-0.7316i	-0.0292-0.0835i	1.7485-2.1643i	0.9770-0.6702i	-0.0331-0.0215i	0.9723-2.0726i
31.6	0.5860-0.0077i	-15.7614-3.3958i	1.0406-0.6999i	-0.0313-0.0741i	1.7852-2.0899i	0.9962-0.6410i	-0.0544-0.0332i	0.9717-1.9492i
31.7	0.6029-0.0232i	-15.6528-3.3571i	1.0622-0.6725i	-0.0321-0.0646i	1.8358-2.0286i	1.0119-0.6180i	-0.0561-0.0185i	0.9743-1.8465i
31.8	0.6208-0.0501i	-15.5021-3.3635i	1.0973-0.6398i	-0.0218-0.0559i	1.9116-1.9578i	1.0372-0.5884i	-0.0525+0.0139i	1.0026-1.7189i
31.9	0.6416-0.0830i	-15.3839-3.3718i	1.1384-0.6233i	-0.0139-0.0586i	2.0006-1.9211i	1.0681-0.5652i	-0.0635+0.0129i	1.0374-1.5973i
32.0	0.6446-0.1129i	-15.3249-3.4131i	1.1730-0.6144i	-0.0101-0.0615i	2.0713-1.9040i	1.1021-0.5429i	-0.0662+0.0066i	1.0910-1.4924i
32.1	0.6466-0.1434i	-15.2020-3.4398i	1.2139-0.6009i	-0.0032-0.0588i	2.1548-1.8830i	1.1410-0.5206i	-0.0409+0.0159i	1.1664-1.3744i
32.2	0.6697-0.1774i	-15.1124-3.5390i	1.2674-0.6022i	0.0169-0.0491i	2.2693-1.8923i	1.1747-0.5144i	-0.0164+0.0174i	1.2373-1.2963i
32.3	0.6943-0.2206i	-14.9631-3.6593i	1.3346-0.6018i	0.0235-0.0420i	2.4119-1.9097i	1.2277-0.5055i	-0.0111+0.0215i	1.3262-1.1929i
32.4	0.6926-0.2550i	-14.8285-3.7662i	1.3752-0.5934i	0.0132-0.0309i	2.4925-1.9156i	1.2768-0.4911i	-0.0149+0.0107i	1.4194-1.1054i
32.5	0.6870-0.3097i	-14.7790-3.9124i	1.4299-0.6181i	0.0408-0.0496i	2.5641-1.9962i	1.3171-0.4819i	0.0010+0.0009i	1.5227-1.0202i
32.6	0.6825-0.3535i	-14.7090-4.0603i	1.4816-0.6301i	0.0546-0.0535i	2.6348-2.0506i	1.3659-0.4739i	0.0275+0.0096i	1.6345-0.9331i
32.7	0.6756-0.3940i	-14.6440-4.1753i	1.5317-0.6335i	0.0578-0.0511i	2.7058-2.0733i	1.4255-0.4657i	0.0259+0.0187i	1.7691-0.8301i
32.8	0.6583-0.4406i	-14.6274-4.3214i	1.5742-0.6653i	0.0481-0.0592i	2.7754-2.1669i	1.4961-0.4780i	0.0103+0.0047i	1.9413-0.7887i
32.9	0.6335-0.4907i	-14.6237-4.4715i	1.6203-0.7028i	0.0408-0.0689i	2.8512-2.2540i	1.5697-0.4895i	-0.0058-0.0297i	2.1495-0.7463i
33.0	0.5786-0.5513i	-14.6455-4.6136i	1.6816-0.7240i	0.0543-0.0512i	2.9085-2.3127i	1.6539-0.5091i	-0.0126-0.0274i	2.4140-0.7208i
33.1	0.5099-0.5989i	-14.7048-4.7652i	1.7493-0.7476i	0.0579-0.0423i	2.9631-2.3840i	1.7548-0.5303i	-0.0376-0.0296i	2.7082-0.7412i
33.2	0.4203-0.6181i	-14.7759-4.8773i	1.8240-0.7925i	0.0797-0.0346i	3.0279-2.5106i	1.8525-0.5909i	-0.0462+0.0094i	3.0297-0.8796i
33.3	0.3190-0.6051i	-14.8814-4.9097i	1.9084-0.8609i	0.1188-0.0472i	3.1075-2.6304i	1.9409-0.6720i	0.0048+0.0251i	3.3242-1.1103i
33.4	0.2248-0.5318i	-14.9226-4.9683i	2.0059-0.9839i	0.1818-0.0908i	3.2022-2.7797i	2.0196-0.8055i	0.0857-0.0338i	3.5474-1.5172i
33.5	0.2024-0.4658i	-14.9365-4.9799i	2.0234-1.0682i	0.2014-0.1158i	3.1878-2.8945i	2.0264-0.9128i	0.0932-0.0585i	3.5287-1.8372i
33.6	0.2112-0.3878i	-14.9246-4.9562i	2.0000-1.1573i	0.1838-0.1604i	3.1289-3.0031i	1.9994-1.0079i	0.0748-0.1057i	3.3903-2.1210i
33.7	0.2359-0.3028i	-14.8634-4.9274i	1.9874-1.2731i	0.1474-0.2265i	3.1101-3.1570i	1.9763-1.1042i	0.0359-0.1609i	3.2193-2.3912i
33.8	0.2594-0.2377i	-14.8374-4.9748i	2.0003-1.3776i	0.1320-0.2741i	3.1597-3.2914i	1.9696-1.1839i	0.0050-0.1792i	3.0964-2.5906i
33.9	0.3108-0.1974i	-14.8081-4.9698i	1.9580-1.4277i	0.0815-0.2602i	3.0792-3.4133i	1.9368-1.2351i	-0.0431-0.1469i	2.8996-2.7235i
34.0	0.3966-0.1800i	-14.5731-5.0314i	1.9650-1.4697i	0.0649-0.2402i	3.1056-3.4907i	1.9310-1.2710i	-0.0401-0.1524i	2.6888-2.7649i
34.1	0.4711-0.1967i	-14.4543-5.1851i	1.9269-1.5141i	0.0317-0.2236i	3.0522-3.6155i	1.9113-1.3012i	-0.0779-0.1225i	2.5429-2.7419i
34.2	0.5166-0.2284i	-14.4169-5.2922i	1.9020-1.5446i	0.0238-0.2073i	2.9560-3.7322i	1.8960-1.3223i	-0.0880-0.0827i	2.4106-2.6544i
34.3	0.5440-0.2697i	-14.3432-5.5471i	1.9123-1.5869i	0.0218-0.2096i	2.9120-3.8347i	1.9108-1.3376i	-0.0737-0.0772i	2.3551-2.5300i
34.4	0.5569-0.2997i	-14.3072-5.6450i	1.9574-1.6053i	0.0413-0.2091i	2.9253-3.8329i	1.9529-1.3440i	-0.0603-0.0986i	2.3874-2.4161i
34.5	0.5785-0.3393i	-14.3521-5.8538i	1.9620-1.6460i	0.0316-0.2023i	2.8546-3.9430i	1.9785-1.3756i	-0.0696-0.0783i	2.4450-2.3408i
34.6	0.5947-0.3771i	-14.3327-6.1326i	1.9612-1.7128i	0.0159-0.2029i	2.7700-4.1086i	2.0094-1.4237i	-0.0759-0.0992i	2.5430-2.3011i
34.7	0.6089-0.4117i	-14.3664-6.3706i	1.9702-1.7631i	0.0063-0.1998i	2.7146-4.2339i	2.0428-1.4631i	-0.1143-0.1003i	2.6484-2.2771i
34.8	0.6125-0.4579i	-14.3936-6.6633i	1.9991-1.8374i	-0.0081-0.1920i	2.6634-4.3448i	2.1007-1.5272i	-0.1441-0.0580i	2.8135-2.2937i
34.9	0.6057-0.4931i	-14.4498-6.8564i	2.0217-1.9092i	-0.0136-0.1936i	2.6085-4.4522i	2.1515-1.5929i	-0.1293-0.0468i	2.9796-2.3348i
35.0	0.5947-0.5238i	-14.6015-7.0487i	2.0127-1.9643i	-0.0190-0.1726i	2.4541-4.4820i	2.1796-1.6683i	-0.1337-0.0329i	3.1117-2.4701i
35.1	0.5753-0.5543i	-14.7517-7.2708i	2.0129-2.0395i	-0.0187-0.1567i	2.3300-4.5300i	2.2111-1.7540i	-0.1383-0.0276i	3.2414-2.6395i
35.2	0.5470-0.5750i	-14.9257-7.4068i	2.0354-2.0921i	-0.0064-0.1368i	2.2209-4.5263i	2.2644-1.8316i	-0.1179-0.0107i	3.3982-2.8196i
35.3	0.5286-0.5942i	-15.0442-7.5564i	2.0903-2.1707i	0.0132-0.1209i	2.2040-4.5346i	2.3367-1.9368i	-0.1247+0.0108i	3.5380-3.0513i
35.4	0.5090-0.5986i	-15.1942-7.7049i	2.0905-2.3084i	0.0362-0.1210i	2.2069-4.6349i	2.3439-2.0891i	-0.0952+0.0180i	3.5170-3.3448i
35.5	0.5026-0.5920i	-15.3687-7.8758i	2.0779-2.4166i	0.0543-0.1212i	2.1720-4.6975i	2.3349-2.2212i	-0.0601-0.0008i	3.4775-3.6183i
35.6	0.5029-0.5872i	-15.5627-8.0264i	2.0714-2.5366i	0.0792-0.1288i	2.1590-4.7607i	2.3293-2.3604i	-0.0529+0.0042i	3.4010-3.8896i
35.7	0.5130-0.5807i	-15.6505-8.1011i	2.0437-2.6395i	0.0905-0.1389i	2.1280-4.8256i	2.3118-2.4813i	-0.0444+0.0203i	3.3175-4.1136i
35.8	0.5318-0.5859i	-15.8715-8.1898i	2.0080-2.7602i	0.1033-0.1563i	2.1178-4.9527i	2.2795-2.6173i	-0.0162-0.0046i	3.1954-4.3489i
35.9	0.5440-0.6002i	-16.1002-8.3123i	1.9654-2.8738i	0.1206-0.1828i	2.0589-5.1112i	2.2385-2.7418i	0.0166-0.0144i	3.0459-4.5430i
36.0	0.5577-0.6225i	-16.2929-8.3585i	1.8852-2.9475i	0.1269-0.2023i	1.9212-5.1981i	2.1562-2.8293i	0.0371-0.0039i	2.8055-4.6617i
36.1	0.5936-0.6375i	-16.4230-8.4128i	1.8331-3.0539i	0.1337-0.2262i	1.8220-5.3259i	2.0964-2.9481i	0.0653-0.0054i	2.6001-4.8033i
36.2	0.6164-0.6664i	-16.5024-8.4128i	1.8086-3.1264i	0.1374-0.2443i	1.7631-5.3892i	2.0691-3.0332i	0.0559-0.0474i	2.4895-4.8900i
36.3	0.6416-0.7223i	-16.6453-8.4574i	1.7497-3.2116i	0.1394-0.2674i	1.6619-5.4837i	2.0129-3.1277i	0.0674-0.0502i	2.3000-4.9625i
36.4	0.6502-0.7701i	-16.7021-8.5131i	1.7173-3.2897i	0.1366-0.2903i	1.5680-5.5761i	1.9821-3.2125i	0.1107-0.0418i	2.1555-5.0108i
36.5	0.6448-0.8263i	-16.8264-8.5745i	1.6657-3.3772i	0.1419-0.3167i	1.4548-5.6758i	1.9238-3.3028i	0.0858-0.0801i	1.9822-5.0556i
36.6	0.6348-0.8824i	-16.9735-8.6822i	1.6003-3.4868i	0.1444-0.3486i	1.3335-5.7937i	1.8634-3.4200i	0.0750-0.0971i	1.7896-5.0770i
36.7	0.6151-0.9326i	-17.1705-8.7831i	1.5339-3.5600i	0.1386-0.3762i	1.1724-5.8206i	1.8077-3.5015i	0.0819-0.1357i	1.6082-5.0541i
36.8	0.5945-0.9840i	-17.2645-8.8857i	1.4798-3.6749i	0.1293-0.4033i	1.0406-5.8814i	1.7619-3.6267i	0.1015-0.1696i	1.4468-5.1354i
36.9	0.5654-1.0449i	-17.4304-9.0290i	1.4051-3.7838i	0.1091-0.4433i	0.8815-5.9350i	1.6967-3.7494i	0.1033-0.2324i	1.2541-5.1226i
37.0	0.5595-1.0809i	-17.5751-9.0355i	1.3712-3.8278i	0.1030-0.4718i	0.8237-5.9250i	1.6702-3.8105i	0.0720-0.2548i	1.1916-5.0510i
37.1	0.5171-1.1509i	-17.7360-9.1045i	1.3063-3.9764i	0.0822-0.5150i	0.7724-6.0261i	1.5993-3.9842i	0.0493-0.2973i	1.0625-5.0976i

37.2	0.4852-1.2142i	-17.7188-9.3152i	1.2500-4.1564i	0.0498-0.5559i	0.7293-6.2182i	1.5448-4.1842i	0.0152-0.3647i	0.9660-5.1710i
37.3	0.4377-1.2848i	-17.8120-9.5672i	1.1963-4.3571i	0.0068-0.6067i	0.6538-6.4297i	1.4961-4.4025i	-0.0293-0.4139i	0.8698-5.2289i
37.4	0.3562-1.3401i	-18.0930-9.8878i	1.0378-4.5479i	-0.0487-0.6437i	0.4469-6.6095i	1.3306-4.6206i	-0.0660-0.4282i	0.6962-5.2145i
37.5	0.2865-1.3864i	-18.3653-10.1921i	0.8946-4.7103i	-0.1050-0.6771i	0.2695-6.7861i	1.1826-4.8124i	-0.1200-0.4631i	0.5572-5.1946i
37.6	0.2031-1.4213i	-18.7538-10.3098i	0.6645-4.8050i	-0.1823-0.6852i	-0.0499-6.9424i	0.9397-4.9310i	-0.1953-0.4618i	0.3788-5.1178i
37.7	0.0845-1.4720i	-19.2678-10.5139i	0.4104-4.9655i	-0.2748-0.7022i	-0.4241-7.1560i	0.6726-5.1181i	-0.2768-0.4751i	0.2401-5.1464i
37.8	-0.0844-1.4943i	-19.9629-10.7161i	0.0985-5.1440i	-0.3866-0.7005i	-0.9589-7.3286i	0.3367-5.3346i	-0.3617-0.4582i	0.1154-5.1649i
37.9	-0.2036-1.4394i	-20.4485-10.5953i	-0.1666-5.1865i	-0.4666-0.6603i	-1.3912-7.3036i	0.0442-5.3978i	-0.4028-0.3982i	-0.0201-5.1475i
38.0	-0.3433-1.3281i	-21.1430-10.4091i	-0.5329-5.1952i	-0.5631-0.5814i	-1.9521-7.1199i	-0.3761-5.4218i	-0.4518-0.3248i	-0.2221-5.1095i
38.1	-0.3720-1.2082i	-21.4292-10.1144i	-0.7843-5.0818i	-0.5993-0.4933i	-2.2762-6.8125i	-0.6824-5.3028i	-0.4818-0.2777i	-0.3913-4.9638i
38.2	-0.3688-1.1028i	-21.6189-9.8710i	-0.9769-4.9737i	-0.6225-0.4086i	-2.4951-6.5158i	-0.9101-5.1793i	-0.5320-0.2052i	-0.4540-4.7849i
38.3	-0.3500-1.0290i	-21.8821-9.7004i	-1.1677-4.9344i	-0.6396-0.3312i	-2.7211-6.2770i	-1.1423-5.1228i	-0.5546-0.1273i	-0.4644-4.6974i
38.4	-0.3317-1.0064i	-22.1244-9.6734i	-1.3153-4.9454i	-0.6504-0.2757i	-2.8742-6.1984i	-1.3158-5.1239i	-0.5741-0.0510i	-0.4539-4.6650i
38.5	-0.3170-0.9884i	-22.5130-9.4520i	-1.5597-4.8513i	-0.6255-0.1919i	-3.1624-5.9388i	-1.6005-4.9921i	-0.5412+0.0296i	-0.4405-4.6716i
38.6	-0.3344-0.9693i	-22.8328-9.3477i	-1.7650-4.8268i	-0.6109-0.1431i	-3.3904-5.7605i	-1.8214-4.9347i	-0.5204+0.0749i	-0.4829-4.7319i
38.7	-0.3446-0.9548i	-23.1836-9.1866i	-1.9724-4.7693i	-0.5907-0.1002i	-3.6090-5.4894i	-2.0316-4.8387i	-0.4608+0.1002i	-0.5914-4.8082i
38.8	-0.3518-0.9289i	-23.6065-8.8656i	-2.2810-4.6554i	-0.5635-0.0559i	-3.8265-5.1422i	-2.3324-4.6756i	-0.4350+0.1274i	-0.8255-4.8703i
38.9	-0.3622-0.8974i	-23.9262-8.5438i	-2.5046-4.5042i	-0.5453-0.0200i	-3.9413-4.7911i	-2.5377-4.4843i	-0.4222+0.1638i	-1.0515-4.8403i
39.0	-0.3617-0.8640i	-24.1135-8.0983i	-2.7152-4.2788i	-0.5155+0.0052i	-3.9878-4.3704i	-2.7250-4.2274i	-0.3945+0.1782i	-1.3069-4.7358i
39.1	-0.3366-0.8300i	-24.2489-7.7175i	-2.8829-4.0577i	-0.4932+0.0286i	-3.9704-4.0406i	-2.8559-3.9920i	-0.3659+0.1849i	-1.4757-4.5558i
39.2	-0.3109-0.8204i	-24.4337-7.4314i	-3.0037-3.8908i	-0.4768+0.0521i	-3.9252-3.8053i	-2.9443-3.8269i	-0.3610+0.2024i	-1.5763-4.3809i
39.3	-0.3082-0.8260i	-24.6635-7.0352i	-3.1541-3.6822i	-0.4532+0.0752i	-3.9027-3.5763i	-3.0636-3.6264i	-0.3272+0.2551i	-1.6845-4.2122i
39.4	-0.3169-0.8329i	-24.6339-6.6972i	-3.2149-3.4522i	-0.4250+0.0918i	-3.8622-3.3018i	-3.1119-3.4025i	-0.2727+0.2711i	-1.7419-4.0561i
39.5	-0.3265-0.8402i	-24.7030-6.2668i	-3.3512-3.1920i	-0.3958+0.1203i	-3.8440-2.9874i	-3.2321-3.1638i	-0.2455+0.2603i	-1.8476-3.8659i
39.6	-0.3404-0.8407i	-24.7235-5.9738i	-3.3699-2.9585i	-0.3677+0.1345i	-3.7264-2.7697i	-3.2502-2.9617i	-0.2310+0.2609i	-1.8844-3.6836i
39.7	-0.3714-0.8152i	-24.6938-5.6041i	-3.3424-2.6943i	-0.3457+0.1465i	-3.5404-2.6050i	-3.2454-2.7191i	-0.2169+0.2457i	-1.8400-3.3839i
39.8	-0.3581-0.7847i	-24.6371-5.2905i	-3.3594-2.5416i	-0.3212+0.1705i	-3.5433-2.4970i	-3.2606-2.5664i	-0.1803+0.2666i	-1.6961-3.2981i
39.9	-0.3478-0.7755i	-24.4525-5.0147i	-3.3130-2.3420i	-0.2852+0.1782i	-3.4831-2.2676i	-3.2112-2.3728i	-0.1356+0.2718i	-1.6173-3.2348i
40.0	-0.3482-0.7829i	-24.3455-4.7902i	-3.2612-2.1537i	-0.2514+0.1803i	-3.3562-2.0578i	-3.1663-2.1936i	-0.1010+0.2878i	-1.6266-3.1546i
40.1	-0.3484-0.7882i	-24.2598-4.5999i	-3.2222-1.9705i	-0.2157+0.1752i	-3.1646-1.8171i	-3.1405-2.0136i	-0.0615+0.2731i	-1.6145-3.1282i
40.2	-0.3474-0.7721i	-24.0990-4.4413i	-3.1663-1.8533i	-0.1870+0.1750i	-2.9973-1.6757i	-3.0918-1.9124i	-0.0412+0.2398i	-1.5864-3.0976i
40.3	-0.3447-0.7643i	-24.0677-4.1820i	-3.1145-1.7298i	-0.1520+0.1717i	-2.7916-1.5877i	-3.0555-1.8032i	-0.0279+0.2045i	-1.6418-2.9878i
40.4	-0.3458-0.7662i	-23.9689-4.1299i	-3.0402-1.6398i	-0.1309+0.1538i	-2.6423-1.5643i	-3.0093-1.7093i	-0.0049+0.2203i	-1.5888-2.9011i
40.5	-0.3554-0.7656i	-23.8409-4.0068i	-2.9822-1.5417i	-0.1122+0.1314i	-2.5227-1.5061i	-2.9686-1.5936i	0.0087+0.2064i	-1.5876-2.8399i
40.6	-0.3652-0.7577i	-23.7903-3.8950i	-2.9320-1.4362i	-0.0777+0.1075i	-2.3805-1.4610i	-2.9350-1.4762i	0.0293+0.2062i	-1.6013-2.7105i
40.7	-0.3723-0.7563i	-23.6683-3.8497i	-2.8636-1.3483i	-0.0660+0.0899i	-2.2557-1.4679i	-2.8738-1.3727i	0.0553+0.1590i	-1.5436-2.5888i
40.8	-0.3670-0.7566i	-23.6730-3.7610i	-2.8168-1.2827i	-0.0552+0.0685i	-2.1087-1.4590i	-2.8386-1.2849i	0.0406+0.1291i	-1.4863-2.5343i
40.9	-0.3695-0.7520i	-23.6177-3.6537i	-2.7679-1.2010i	-0.0523+0.0541i	-2.0731-1.4097i	-2.7822-1.1953i	0.0393+0.1344i	-1.3975-2.4549i
41.0	-0.3716-0.7596i	-23.5388-3.4902i	-2.6807-1.1160i	-0.0410+0.0336i	-2.0296-1.3648i	-2.7018-1.1057i	0.0645+0.1143i	-1.2759-2.4475i
41.1	-0.3805-0.7727i	-23.4798-3.4657i	-2.6090-1.0744i	-0.0135+0.0176i	-1.8580-1.2757i	-2.6535-1.0435i	0.0844+0.0872i	-1.2780-2.4968i
41.2	-0.4302-0.7772i	-23.3718-3.4097i	-2.5561-1.0285i	-0.0219-0.0176i	-1.7048-1.2940i	-2.5857-0.9625i	0.0445+0.0345i	-1.2872-2.4455i
41.3	-0.4586-0.7479i	-23.2161-3.3653i	-2.5182-0.9827i	-0.0513-0.0323i	-1.6804-1.3284i	-2.5194-0.9117i	0.0050+0.0118i	-1.2231-2.2792i
41.4	-0.4421-0.7399i	-23.2151-3.3639i	-2.4690-0.9311i	-0.0517-0.0186i	-1.6576-1.2320i	-2.4782-0.8657i	0.0273+0.0347i	-1.0057-2.3714i
41.5	-0.4442-0.7523i	-23.2280-3.3003i	-2.4095-0.9046i	-0.0398-0.0261i	-1.4773-1.1910i	-2.4268-0.8259i	0.0355+0.0445i	-1.0333-2.5055i
41.6	-0.4498-0.7291i	-23.1803-3.2218i	-2.3365-0.8794i	-0.0292-0.0316i	-1.3249-1.1457i	-2.3672-0.8013i	0.0239+0.0296i	-1.0697-2.5063i
41.7	-0.4852-0.7094i	-23.0436-3.1885i	-2.2799-0.8520i	-0.0035-0.0477i	-1.1646-1.1450i	-2.3097-0.7619i	0.0292+0.0198i	-1.1614-2.4452i
41.8	-0.4901-0.6711i	-23.0135-3.1299i	-2.2388-0.8486i	0.0040-0.0894i	-0.9922-1.2709i	-2.2726-0.7343i	0.0540-0.0413i	-1.1402-2.2665i
41.9	-0.4815-0.6929i	-23.0174-3.1022i	-2.1950-0.8681i	0.0106-0.1318i	-0.8463-1.3643i	-2.2453-0.7097i	0.0680-0.1005i	-0.9472-2.3969i
42.0	-0.4933-0.6638i	-22.9192-3.1124i	-2.1874-0.8696i	-0.0094-0.1581i	-0.8253-1.4616i	-2.2119-0.6867i	0.0447-0.1153i	-0.9776-2.4632i
42.1	-0.4948-0.6545i	-22.8653-3.1725i	-2.1678-0.8425i	-0.0222-0.1631i	-0.8278-1.3623i	-2.1906-0.6416i	0.0374-0.0949i	-0.9800-2.5999i
42.2	-0.5170-0.6244i	-22.8353-3.1500i	-2.1527-0.8493i	-0.0233-0.1785i	-0.5464-1.3523i	-2.1540-0.6115i	0.0643-0.1084i	-1.1946-2.6013i
42.3	-0.4691-0.5750i	-22.8452-3.1159i	-2.1531-0.8383i	-0.0306-0.2117i	-0.3450-1.5220i	-2.1241-0.5746i	0.0236-0.1527i	-1.2086-2.4712i
42.4	-0.4311-0.5801i	-22.8620-3.0879i	-2.1398-0.8186i	-0.0601-0.2566i	-0.3485-1.8006i	-2.0753-0.5373i	-0.0185-0.1867i	-1.2286-2.3672i
42.5	-0.4157-0.5832i	-22.8852-3.0524i	-2.1517-0.8061i	-0.0995-0.2709i	-0.3406-1.9253i	-2.0538-0.5206i	-0.0830-0.1866i	-1.2457-2.3330i
42.6	-0.3673-0.5570i	-22.8116-2.9710i	-2.1560-0.7825i	-0.1480-0.2939i	-0.3268-2.1144i	-2.0071-0.4887i	-0.1143-0.2045i	-1.2590-2.1954i
42.7	-0.3514-0.5861i	-22.7815-2.9703i	-2.1465-0.7594i	-0.1782-0.2994i	-0.4415-2.1555i	-1.9735-0.4725i	-0.1363-0.2103i	-1.2742-2.1217i
42.8	-0.3553-0.6431i	-22.8608-3.0631i	-2.1424-0.7609i	-0.1859-0.2938i	-0.2559-2.0505i	-1.9630-0.4572i	-0.1267-0.2121i	-1.3146-1.9038i
42.9	-0.3205-0.6481i	-22.9559-3.0481i	-2.1805-0.7269i	-0.2253-0.2917i	-0.1839-2.3074i	-1.9588-0.4176i	-0.1373-0.2270i	-1.1133-1.8057i
43.0	-0.2951-0.7047i	-22.9527-2.9382i	-2.1851-0.6669i	-0.2493-0.2591i	-0.3408-2.4184i	-1.9106-0.3762i	-0.1747-0.2055i	-0.9696-1.8380i
43.1	-0.2761-0.8010i	-22.9125-2.8246i	-2.1665-0.6024i	-0.2490-0.2304i	-0.3378-2.3472i	-1.8536-0.3507i	-0.1973-0.1789i	-0.8832-2.0244i
43.2	-0.3452-0.8452i	-22.9177-2.7745i	-2.1499-0.5673i	-0.2162-0.2440i	-0.0541-2.5778i	-1.8343-0.3444i	-0.1738-0.1786i	-1.0983-1.9912i
43.3	-0.3632-0.8487i	-22.7938-2.7887i	-2.1145-0.5133i	-0.2537-0.2558i	-0.4260-2.9396i	-1.8026-0.3331i	-0.2186-0.2007i	-0.9252-1.6423i
43.4	-0.3927-0.9081i	-22.7734-2.8540i	-2.0956-0.5060i	-0.2729-0.2375i	-0.6340-2.6554i	-1.7926-0.3252i	-0.2605-0.2027i	-0.5987-1.7641i

43.5	-0.4489-0.9362i	-22.8309-2.9541i	-2.0987-0.4762i	-0.2605-0.2347i	-0.2864-2.5422i	-1.7862-0.2924i	-0.2406-0.1709i	-0.6141-1.9482i
43.6	-0.5066-0.9639i	-22.8407-2.8996i	-2.0870-0.4284i	-0.2887-0.2762i	-0.1135-2.8269i	-1.7460-0.2393i	-0.2708-0.2198i	-0.6654-1.9876i
43.7	-0.5645-0.9839i	-22.8049-2.7515i	-2.0560-0.3785i	-0.3572-0.2787i	-0.1774-3.2227i	-1.6808-0.2098i	-0.3570-0.2229i	-0.6805-1.9895i
43.8	-0.6253-0.9912i	-22.6974-2.7486i	-1.9848-0.3481i	-0.3481-0.2504i	-0.4711-3.5369i	-1.6390-0.2063i	-0.3350-0.1800i	-0.6616-1.9007i
43.9	-0.6894-1.0283i	-22.6092-2.8239i	-1.9290-0.3280i	-0.3392-0.2366i	-0.7736-3.5678i	-1.6092-0.1936i	-0.2985-0.1423i	-0.6066-1.8776i
44.0	-0.8225-1.0301i	-22.6584-2.9758i	-1.8989-0.3574i	-0.3511-0.2703i	-0.9239-3.4991i	-1.5644-0.1738i	-0.2925-0.1902i	-0.5901-1.8283i
44.1	-0.8624-0.9476i	-22.6150-2.9816i	-1.9044-0.3666i	-0.4116-0.2853i	-1.0064-3.4815i	-1.5106-0.1797i	-0.3937-0.1942i	-0.3578-1.8552i
44.2	-0.9139-0.9363i	-22.5595-2.9155i	-1.9236-0.3466i	-0.5298-0.2958i	-1.2543-3.5624i	-1.4592-0.1602i	-0.5255-0.1834i	-0.2082-2.0324i
44.3	-1.0074-0.8764i	-22.4235-2.8969i	-1.9119-0.3304i	-0.6165-0.2111i	-1.4750-3.2910i	-1.3787-0.1882i	-0.5918-0.0929i	-0.2089-2.3764i
44.4	-1.0501-0.7770i	-22.4100-3.0417i	-1.8992-0.2971i	-0.5845-0.0962i	-1.2617-3.1173i	-1.3689-0.2616i	-0.5406+0.0102i	-0.6022-2.5411i
44.5	-1.0734-0.6872i	-22.4893-3.1433i	-1.8925-0.2502i	-0.5720-0.0294i	-1.1613-3.3174i	-1.3964-0.2749i	-0.5453+0.0753i	-0.9504-2.3398i
44.6	-1.0223-0.6407i	-22.4556-3.1934i	-1.8453-0.2226i	-0.5098+0.0291i	-1.3596-3.4639i	-1.4109-0.2720i	-0.4930+0.1334i	-0.9063-2.0203i
44.7	-1.0360-0.6135i	-22.5151-3.3305i	-1.8177-0.2118i	-0.4226+0.0164i	-1.4543-3.4614i	-1.4098-0.2581i	-0.3952+0.0785i	-0.8214-1.9051i
44.8	-1.0338-0.6240i	-22.6531-3.4225i	-1.7919-0.2164i	-0.4415-0.0302i	-1.6627-3.3676i	-1.4022-0.2490i	-0.4091+0.0049i	-0.6123-1.8197i
44.9	-1.0990-0.6051i	-22.6757-3.5648i	-1.7634-0.2496i	-0.4337-0.0362i	-1.6210-3.1049i	-1.3957-0.2318i	-0.3969+0.0392i	-0.4730-1.8557i
45.0	-1.1143-0.4827i	-22.7236-3.5129i	-1.7783-0.2416i	-0.4165-0.0500i	-1.4572-3.3393i	-1.3585-0.2083i	-0.3689+0.0309i	-0.4231-1.8676i
45.1	-1.0917-0.4782i	-22.8125-3.5386i	-1.7818-0.2248i	-0.4340-0.1003i	-1.6934-3.4034i	-1.3520-0.2048i	-0.4119-0.0374i	-0.4765-1.9249i
45.2	-1.1170-0.4713i	-22.7261-3.6778i	-1.7692-0.1991i	-0.4597-0.1184i	-1.6487-3.4571i	-1.3399-0.1671i	-0.4361-0.0394i	-0.5804-1.7099i
45.3	-1.1313-0.4265i	-22.8427-3.6442i	-1.7675-0.1799i	-0.5131-0.1231i	-1.7894-3.6866i	-1.3081-0.1409i	-0.4660-0.0216i	-0.4082-1.4484i
45.4	-1.1976-0.3985i	-22.8785-3.5961i	-1.7672-0.1729i	-0.6108-0.1103i	-2.2551-3.7067i	-1.2521-0.1259i	-0.5500-0.0159i	-0.0655-1.4420i
45.5	-1.1636-0.3043i	-23.0265-3.7902i	-1.7225-0.1475i	-0.6274+0.0304i	-2.1099-3.1781i	-1.2051-0.1741i	-0.5868+0.0922i	0.1755-1.5404i
45.6	-1.1926-0.2929i	-23.0725-3.8546i	-1.7107-0.1844i	-0.5697-0.0055i	-2.0537-3.6191i	-1.1963-0.1512i	-0.5273+0.0742i	0.4097-1.5621i
45.7	-1.2226-0.1734i	-22.9948-3.8486i	-1.7482-0.2032i	-0.6078-0.0514i	-2.6407-3.7585i	-1.1495-0.1425i	-0.5505+0.0463i	0.6222-1.7280i
45.8	-1.1186-0.1155i	-22.8168-3.9060i	-1.8039-0.1503i	-0.6908+0.0074i	-2.9247-3.2569i	-1.1095-0.1774i	-0.6590+0.1044i	0.7943-2.0389i
45.9	-1.0986-0.1248i	-22.9703-4.0840i	-1.8023-0.0531i	-0.7462+0.0683i	-2.7988-2.8421i	-1.0892-0.2085i	-0.7582+0.1846i	0.7779-2.3390i
46.0	-1.1121-0.0421i	-23.2029-4.3145i	-1.7718-0.0264i	-0.8452+0.1962i	-2.7459-2.9471i	-1.0459-0.2444i	-0.8399+0.3357i	0.9550-2.5349i
46.1	-1.0187+0.0020i	-23.2422-4.3120i	-1.7633+0.0186i	-0.8576+0.4385i	-2.9199-2.8422i	-1.0323-0.3146i	-0.8393+0.5717i	0.9884-2.9988i
46.2	-1.0447-0.0478i	-23.4082-4.4021i	-1.6939+0.0366i	-0.5911+0.5121i	-2.8917-2.7422i	-1.0783-0.3258i	-0.5571+0.6200i	0.6860-3.0229i
46.3	-1.0575-0.0178i	-23.5261-4.4737i	-1.6892+0.0070i	-0.5012+0.3867i	-3.2597-2.3850i	-1.0258-0.3279i	-0.4746+0.4800i	1.0864-3.2035i
46.4	-1.1022-0.0022i	-23.5697-4.7300i	-1.7038+0.0548i	-0.4913+0.4409i	-2.9270-1.8081i	-1.0582-0.4186i	-0.4725+0.5544i	0.6943-4.0315i
46.5	-1.1790+0.1175i	-23.8298-4.7987i	-1.6741+0.0917i	-0.3744+0.4271i	-2.2648-2.0006i	-1.1672-0.4087i	-0.3780+0.5365i	-0.2642-3.9325i
46.6	-1.1328+0.2386i	-24.1153-4.8441i	-1.6547+0.0961i	-0.3649+0.3745i	-2.1785-2.2460i	-1.1834-0.3694i	-0.3858+0.4846i	-0.4106-3.5432i
46.7	-1.0581+0.3373i	-24.3371-4.8062i	-1.6421+0.1129i	-0.3300+0.2992i	-2.0316-2.6642i	-1.1813-0.3147i	-0.3131+0.3848i	-0.3217-3.1504i
46.8	-0.9826+0.3732i	-24.4083-4.6618i	-1.6128+0.1518i	-0.4023+0.2663i	-2.6094-2.9022i	-1.1311-0.2869i	-0.3961+0.3423i	0.0796-3.1544i
46.9	-0.8661+0.4098i	-24.5063-4.7172i	-1.6091+0.1783i	-0.4618+0.3595i	-2.9558-2.3724i	-1.0753-0.3553i	-0.4596+0.4276i	0.3201-3.7810i
47.0	-0.8525+0.4039i	-24.7427-4.9314i	-1.5534+0.1950i	-0.3197+0.3802i	-2.4606-2.2888i	-1.1692-0.4194i	-0.3242+0.4599i	-0.4392-4.1520i
47.1	-0.8244+0.4826i	-24.9687-4.9034i	-1.5471+0.1701i	-0.3545+0.2788i	-2.5585-2.7547i	-1.2053-0.3618i	-0.3497+0.3956i	-0.7399-3.7807i
47.2	-0.6907+0.5425i	-25.1015-4.8108i	-1.5573+0.2069i	-0.4586+0.2851i	-3.2118-2.8624i	-1.1790-0.3109i	-0.4294+0.4124i	-0.6674-3.5069i
47.3	-0.5611+0.5254i	-25.2725-4.8384i	-1.5384+0.2496i	-0.4885+0.3659i	-3.6832-2.4315i	-1.1585-0.2998i	-0.4540+0.4712i	-0.5528-3.4655i
47.4	-0.4719+0.4610i	-25.2875-4.7119i	-1.5017+0.2806i	-0.4545+0.4694i	-3.6195-1.7113i	-1.1385-0.3173i	-0.4162+0.5611i	-0.4980-3.6554i
47.5	-0.4375+0.4233i	-25.4126-4.7896i	-1.4793+0.2991i	-0.4256+0.5094i	-3.5509-1.3192i	-1.1261-0.3334i	-0.3916+0.5885i	-0.4790-3.8760i
47.6	-0.4470+0.3540i	-25.5749-5.0838i	-1.4100+0.3541i	-0.2700+0.5836i	-2.8869-0.7787i	-1.1778-0.3600i	-0.2289+0.6796i	-1.0189-4.2567i
47.7	-0.4456+0.3802i	-25.9219-4.9904i	-1.3465+0.3302i	-0.1499+0.4701i	-2.1945-1.2190i	-1.2221-0.3079i	-0.1042+0.5769i	-1.5476-3.7972i
47.8	-0.3858+0.4028i	-26.0892-4.7964i	-1.3085+0.2959i	-0.1998+0.3335i	-2.3412-1.8657i	-1.1883-0.2398i	-0.1725+0.4583i	-1.4032-3.1570i
47.9	-0.3356+0.3560i	-26.1592-4.5870i	-1.3156+0.2769i	-0.3229+0.3994i	-2.6939-1.6819i	-1.1282-0.2725i	-0.2805+0.5280i	-0.9575-3.4260i
48.0	-0.3077+0.3160i	-26.3446-4.6216i	-1.2788+0.3052i	-0.1997+0.4269i	-2.5756-1.6660i	-1.1719-0.2707i	-0.1459+0.5531i	-1.3350-3.4946i
48.1	-0.2881+0.3200i	-26.4256-4.6048i	-1.2741+0.2882i	-0.2447+0.3535i	-2.7525-1.7416i	-1.1462-0.2333i	-0.1656+0.4583i	-1.1952-3.2790i
48.2	-0.2510+0.2899i	-26.4171-4.6768i	-1.2661+0.3091i	-0.2981+0.4531i	-2.8594-1.4694i	-1.1170-0.2626i	-0.2280+0.5407i	-1.0871-3.6081i
48.3	-0.2493+0.2704i	-26.4455-4.6185i	-1.2260+0.3114i	-0.2350+0.4666i	-2.7872-1.2889i	-1.1254-0.2572i	-0.1613+0.5423i	-1.3715-3.6479i
48.4	-0.2440+0.2591i	-26.6513-4.5868i	-1.1949+0.3148i	-0.1672+0.4465i	-2.6374-1.2590i	-1.1289-0.2353i	-0.0795+0.5425i	-1.5790-3.5024i
48.5	-0.2316+0.2522i	-26.8366-4.3950i	-1.1817+0.3196i	-0.1396+0.3962i	-2.5463-1.2217i	-1.1243-0.2155i	-0.0630+0.4918i	-1.6135-3.3843i
48.6	-0.1947+0.2480i	-27.0608-4.4290i	-1.1602+0.3348i	-0.1574+0.4009i	-2.3809-1.1583i	-1.1196-0.2336i	-0.1114+0.5097i	-1.8086-3.3229i
48.7	-0.1670+0.2331i	-27.2342-4.5818i	-1.1000+0.3305i	-0.1104+0.3991i	-2.2344-1.1347i	-1.1217-0.2346i	-0.0543+0.5103i	-1.9016-3.0777i
48.8	-0.1623+0.2160i	-27.3522-4.5180i	-1.0564+0.2790i	-0.1022+0.3114i	-2.1505-1.3694i	-1.1135-0.2083i	-0.0230+0.4048i	-1.7294-2.7358i
48.9	-0.1416+0.2224i	-27.4141-4.3318i	-1.0731+0.2459i	-0.1914+0.2951i	-2.4048-1.4515i	-1.0851-0.1967i	-0.1221+0.3702i	-1.4594-2.7098i
49.0	-0.1239+0.2157i	-27.6317-4.2469i	-1.0650+0.2253i	-0.1865+0.2994i	-2.3736-1.4374i	-1.0698-0.1929i	-0.1345+0.3884i	-1.3219-2.6845i
49.1	-0.0678+0.2056i	-27.5841-4.1524i	-1.0986+0.2189i	-0.2638+0.2771i	-2.6543-1.5860i	-1.0375-0.1809i	-0.2203+0.3894i	-0.9543-2.7390i
49.2	-0.0277+0.1570i	-27.5590-4.2240i	-1.1104+0.2493i	-0.3175+0.3662i	-2.8800-1.2038i	-1.0156-0.2138i	-0.2792+0.4698i	-0.8089-3.1843i
49.3	-0.0159+0.1246i	-27.9175-4.2283i	-1.0768+0.2932i	-0.2412+0.4709i	-2.5351-0.7390i	-1.0470-0.2573i	-0.1881+0.5687i	-1.2782-3.5808i
49.4	-0.0031+0.1063i	-28.1260-4.2905i	-1.0360+0.3006i	-0.1655+0.4829i	-2.1240-0.8000i	-1.0751-0.2563i	-0.1095+0.5736i	-1.6462-3.4278i
49.5	0.0007+0.0704i	-28.1355-4.2944i	-0.9832+0.2415i	-0.1426+0.4140i	-2.0442-1.0153i	-1.0696-0.2156i	-0.0914+0.4849i	-1.6001-3.0006i
49.6	0.0050+0.0712i	-28.2181-4.0953i	-1.0105+0.2173i	-0.1273+0.3803i	-2.0167-1.1624i	-1.0641-0.1980i	-0.0696+0.4510i	-1.4523-3.0799i
49.7	0.0468+0.0749i	-28.2622-4.1910i	-1.0454+0.2504i	-0.1937+0.4254i	-2.0452-1.1382i	-1.0469-0.2272i	-0.1511+0.5163i	-1.4641-3.3339i

49.8	0.0873+0.0108i	-28.2692-4.2502i	-1.0176+0.2527i	-0.1732+0.4076i	-1.9159-1.1536i	-1.0602-0.2196i	-0.1456+0.4832i	-1.7045-3.1582i
49.9	0.1095-0.0284i	-28.6659-4.2159i	-0.9931+0.2372i	-0.1762+0.3759i	-1.9809-1.2997i	-1.0586-0.1969i	-0.1539+0.4602i	-1.6652-2.9240i
50.0	0.0992-0.0528i	-28.6443-4.2607i	-0.9995+0.2217i	-0.2118+0.3906i	-2.1765-1.2453i	-1.0408-0.1970i	-0.1837+0.4780i	-1.4623-2.9644i
50.1	0.0935-0.1093i	-28.6664-4.2836i	-0.9922+0.2315i	-0.1842+0.4158i	-2.1032-1.1389i	-1.0406-0.1988i	-0.1623+0.5219i	-1.5057-3.0268i
50.2	0.0945-0.1429i	-28.9236-4.3812i	-0.9722+0.2377i	-0.1306+0.4296i	-2.0172-1.1249i	-1.0472-0.1985i	-0.0880+0.5590i	-1.5484-3.0128i
50.3	0.0730-0.1624i	-29.1926-4.3590i	-0.9485+0.2299i	-0.1007+0.3966i	-1.9480-1.1294i	-1.0462-0.1844i	-0.0324+0.5062i	-1.5557-3.0159i
50.4	0.0582-0.1278i	-28.9296-4.4106i	-0.9769+0.2065i	-0.2217+0.3586i	-1.9060-1.3296i	-1.0073-0.1669i	-0.1689+0.4625i	-1.4283-2.9975i
50.5	0.0971-0.1309i	-28.9012-4.3527i	-1.0085+0.2227i	-0.2850+0.3945i	-2.0417-1.4612i	-0.9830-0.1710i	-0.2348+0.5014i	-1.2911-3.1212i
50.6	0.1133-0.1946i	-29.1925-4.2335i	-0.9814+0.2294i	-0.2165+0.4274i	-2.0840-1.3186i	-1.0012-0.1829i	-0.1598+0.5375i	-1.4449-3.2655i
50.7	0.1395-0.2445i	-29.6269-4.5179i	-0.9655+0.2672i	-0.1735+0.5171i	-2.0101-1.1695i	-1.0225-0.1957i	-0.1015+0.6541i	-1.6243-3.3879i
50.8	0.1058-0.2857i	-29.7883-4.4244i	-0.9354+0.2753i	-0.1174+0.5060i	-1.8059-1.1632i	-1.0342-0.1665i	-0.0619+0.6438i	-1.8079-3.3430i
50.9	0.0713-0.3203i	-29.6889-4.2053i	-0.9378+0.2423i	-0.1421+0.4267i	-1.8063-1.3563i	-1.0129-0.1506i	-0.0904+0.5638i	-1.8391-3.2017i
51.0	0.0882-0.3665i	-30.1286-4.5671i	-0.9256+0.2577i	-0.1642+0.4441i	-2.0032-1.4112i	-0.9927-0.1489i	-0.0910+0.5658i	-1.7672-3.2339i
51.1	0.0744-0.4087i	-30.4468-4.5327i	-0.9073+0.2887i	-0.1301+0.4910i	-2.0014-1.2784i	-0.9950-0.1463i	-0.0240+0.6186i	-1.8363-3.4277i
51.2	0.0158-0.4240i	-30.5503-4.4833i	-0.8851+0.2944i	-0.1174+0.4786i	-1.8325-1.3167i	-1.0043-0.1209i	-0.0309+0.5917i	-2.0557-3.3610i
51.3	-0.0107-0.4181i	-30.8401-4.3876i	-0.8659+0.2558i	-0.1194+0.4259i	-1.8058-1.5778i	-0.9850-0.0989i	-0.0421+0.5349i	-2.1308-3.0689i
51.4	-0.0207-0.4158i	-31.0936-4.2683i	-0.8814+0.2412i	-0.1983+0.4205i	-2.0595-1.6664i	-0.9304-0.0959i	-0.1007+0.5283i	-1.9343-2.9871i
51.5	-0.0373-0.4337i	-31.2114-4.3852i	-0.8647+0.2652i	-0.2278+0.5009i	-2.2792-1.6305i	-0.8848-0.1071i	-0.1419+0.6292i	-1.8133-3.1184i
51.6	-0.0082-0.4588i	-31.4547-4.6703i	-0.8482+0.3299i	-0.1944+0.6304i	-2.2922-1.4750i	-0.8856-0.1312i	-0.1074+0.7881i	-1.9008-3.2891i
51.7	-0.0288-0.4237i	-31.9065-4.7313i	-0.8106+0.3364i	-0.1150+0.6428i	-2.0886-1.4331i	-0.8857-0.1346i	-0.0122+0.7724i	-2.1634-3.2257i
51.8	-0.0755-0.4432i	-32.1420-4.6723i	-0.7759+0.2910i	-0.0684+0.5525i	-2.1116-1.5366i	-0.8731-0.1203i	0.0254+0.6677i	-2.2155-3.0833i
51.9	-0.0730-0.5077i	-32.6134-4.5579i	-0.7293+0.2662i	-0.0040+0.5754i	-2.2957-1.5361i	-0.8650-0.1455i	0.1019+0.7056i	-2.1734-3.1182i
52.0	-0.0269-0.5190i	-32.8167-4.4948i	-0.7285+0.2745i	-0.0210+0.6351i	-2.3042-1.2869i	-0.8461-0.1849i	0.0899+0.7367i	-2.3296-3.1786i
52.1	-0.0410-0.5273i	-33.1351-4.3423i	-0.7151+0.2749i	-0.0094+0.6142i	-2.1757-1.2391i	-0.8449-0.1758i	0.0965+0.7177i	-2.4511-3.1086i
52.2	-0.0877-0.5445i	-33.3056-4.4590i	-0.6820+0.2480i	0.0216+0.5684i	-2.1266-1.3763i	-0.8303-0.1620i	0.1242+0.6546i	-2.5169-2.8660i
52.3	-0.0728-0.5869i	-33.4728-4.3101i	-0.6245+0.2112i	0.1160+0.5737i	-2.1698-1.4760i	-0.8326-0.1986i	0.2032+0.6561i	-2.5155-2.6721i
52.4	-0.0911-0.6229i	-33.6022-4.0535i	-0.6615+0.1771i	0.0458+0.5871i	-2.4283-1.4736i	-0.8179-0.2203i	0.0989+0.6696i	-2.1920-2.7316i
52.5	-0.1608-0.6667i	-34.2066-3.9870i	-0.6614+0.1511i	0.0737+0.5703i	-2.3558-1.3039i	-0.8188-0.2351i	0.1312+0.6751i	-2.3364-2.8774i
52.6	-0.2135-0.6516i	-34.3305-4.0511i	-0.6704+0.1412i	0.0633+0.5228i	-2.2484-1.3846i	-0.8201-0.2260i	0.1563+0.6266i	-2.4264-2.7056i
52.7	-0.2605-0.6358i	-34.4959-3.8771i	-0.6870+0.1111i	-0.0112+0.5045i	-2.4651-1.4965i	-0.7916-0.2226i	0.0851+0.6128i	-2.1902-2.5962i
52.8	-0.2169-0.6256i	-34.8017-3.7356i	-0.7130+0.1313i	-0.0358+0.6520i	-2.6349-1.2427i	-0.7717-0.3060i	0.0591+0.7749i	-2.0846-2.8868i
52.9	-0.1918-0.6099i	-35.3466-3.8774i	-0.6785+0.1505i	0.0680+0.7162i	-2.3889-1.1059i	-0.8032-0.3584i	0.1879+0.8410i	-2.3780-3.0586i
53.0	-0.1649-0.6416i	-35.6187-3.6500i	-0.6619+0.1574i	0.1166+0.7410i	-2.3726-1.1104i	-0.8348-0.3782i	0.2398+0.8573i	-2.5010-3.0528i
53.1	-0.2049-0.7042i	-35.8015-3.4533i	-0.6382+0.1455i	0.1768+0.7219i	-2.3150-1.0287i	-0.8589-0.3814i	0.2963+0.8346i	-2.6289-2.9848i
53.2	-0.2693-0.7504i	-36.1367-3.3612i	-0.6102+0.1085i	0.2661+0.6614i	-2.2379-1.0576i	-0.8850-0.3663i	0.3668+0.7632i	-2.7598-2.8396i
53.3	-0.3351-0.7504i	-36.7117-3.2156i	-0.5877+0.0881i	0.3342+0.6302i	-2.1155-1.1531i	-0.9222-0.3581i	0.4234+0.7278i	-2.9254-2.6940i
53.4	-0.3544-0.7011i	-36.6665-2.7326i	-0.6211+0.0586i	0.2960+0.5623i	-2.1366-1.3371i	-0.9309-0.3341i	0.3981+0.6544i	-2.8984-2.4383i
53.5	-0.3468-0.6827i	-36.8801-2.5254i	-0.6450+0.0072i	0.2420+0.5085i	-2.3064-1.3881i	-0.9131-0.3552i	0.3678+0.6240i	-2.7705-2.2229i
53.6	-0.3847-0.7184i	-36.8940-2.5169i	-0.6646-0.0299i	0.2608+0.4288i	-2.3829-1.3983i	-0.9414-0.3288i	0.3903+0.5165i	-2.5801-2.0958i
53.7	-0.3842-0.7277i	-37.1906-2.6222i	-0.6979+0.0103i	0.2076+0.4523i	-2.4572-1.3573i	-0.9410-0.2972i	0.3034+0.5405i	-2.4842-2.2650i
53.8	-0.4229-0.7602i	-37.7986-2.6429i	-0.6602+0.0136i	0.2699+0.4510i	-2.3376-1.3666i	-0.9491-0.2791i	0.3667+0.5758i	-2.6799-2.2503i
53.9	-0.4879-0.7785i	-38.0502-2.4137i	-0.6602-0.0043i	0.2409+0.4276i	-2.4402-1.3722i	-0.9209-0.2677i	0.3421+0.5347i	-2.6072-2.1353i
54.0	-0.5666-0.7730i	-38.0760-2.2656i	-0.6748-0.0221i	0.2233+0.3829i	-2.5181-1.3915i	-0.9072-0.2557i	0.3200+0.4629i	-2.5456-2.1168i
54.1	-0.6520-0.7254i	-38.3361-2.0400i	-0.7011-0.0504i	0.1699+0.3325i	-2.6104-1.4354i	-0.8679-0.2491i	0.2579+0.4063i	-2.4989-1.9979i
54.2	-0.6591-0.5640i	-38.7874-1.8200i	-0.7509-0.0375i	0.0274+0.3876i	-3.0335-1.3947i	-0.7862-0.2904i	0.1273+0.4380i	-2.2667-1.9261i
54.3	-0.5423-0.5300i	-38.9317-1.6930i	-0.7489+0.0100i	0.0302+0.5423i	-3.1394-1.1069i	-0.7912-0.3711i	0.1521+0.5959i	-2.1938-2.1911i
54.4	-0.5248-0.5468i	-39.3365-1.5201i	-0.7575-0.0097i	0.0483+0.5137i	-3.0760-1.0040i	-0.8204-0.3865i	0.1631+0.5808i	-2.2233-2.1181i
54.5	-0.5270-0.5670i	-39.6520-1.3776i	-0.7456+0.0046i	0.0853+0.5683i	-3.0093-0.8101i	-0.8272-0.4157i	0.1791+0.6615i	-2.2469-2.1319i
54.6	-0.5299-0.6130i	-39.9447-1.1774i	-0.7184+0.0261i	0.1261+0.6321i	-2.9316-0.6945i	-0.8342-0.4441i	0.2306+0.6872i	-2.2822-2.1347i
54.7	-0.5280-0.5939i	-40.1699-0.6544i	-0.7180+0.0284i	0.1435+0.6461i	-2.9063-0.7396i	-0.8514-0.4551i	0.2493+0.6772i	-2.2580-2.0327i
54.8	-0.5415-0.5674i	-40.4518-0.1861i	-0.7483+0.0251i	0.0671+0.6587i	-3.1651-0.6174i	-0.8214-0.4739i	0.1834+0.7051i	-1.9511-2.0910i
54.9	-0.5451-0.5933i	-40.7983-0.3102i	-0.7442+0.0535i	0.1015+0.7503i	-3.1259-0.3388i	-0.8450-0.5107i	0.2176+0.8061i	-1.9715-2.2755i
55.0	-0.5475-0.6111i	-40.9873-0.3926i	-0.7028+0.0604i	0.2072+0.7928i	-2.9060-0.1659i	-0.8883-0.5362i	0.3164+0.8554i	-2.1198-2.3509i
55.1	-0.5540-0.6219i	-41.2739-0.1957i	-0.6655+0.0257i	0.3109+0.7568i	-2.6365-0.1899i	-0.9429-0.5457i	0.3875+0.8062i	-2.2020-2.3583i
55.2	-0.5781-0.6603i	-41.5606+0.0181i	-0.6535+0.0085i	0.3888+0.7528i	-2.4910-0.1388i	-0.9874-0.5551i	0.4599+0.8129i	-2.3305-2.3983i
55.3	-0.6585-0.6543i	-41.7512+0.2461i	-0.6474-0.0177i	0.4508+0.6796i	-2.3622-0.2377i	-1.0124-0.5244i	0.5704+0.7295i	-2.4567-2.2968i
55.4	-0.7268-0.5740i	-41.8586+0.6635i	-0.6935-0.0642i	0.3948+0.5702i	-2.3734-0.4625i	-1.0109-0.4896i	0.5387+0.6139i	-2.3576-2.1238i
55.5	-0.6500-0.4943i	-42.0973+0.7344i	-0.7629-0.0233i	0.2652+0.6200i	-2.6339-0.4106i	-0.9759-0.5038i	0.3925+0.6519i	-2.1218-2.1424i
55.6	-0.5696-0.5490i	-42.1588+0.9602i	-0.7594+0.0264i	0.2925+0.7530i	-2.6698-0.1596i	-0.9916-0.5457i	0.4032+0.7608i	-2.0800-2.2689i
55.7	-0.6013-0.6070i	-42.4109+1.3521i	-0.7353+0.0182i	0.3997+0.7744i	-2.4981-0.1082i	-1.0464-0.5647i	0.5096+0.7735i	-2.1861-2.3185i
55.8	-0.6195-0.6096i	-42.9091+1.4746i	-0.7145+0.0167i	0.4384+0.7457i	-2.3829-0.1303i	-1.0565-0.5581i	0.5330+0.7681i	-2.2483-2.3015i
55.9	-0.6202-0.6473i	-43.1326+1.2742i	-0.6935+0.0035i	0.5034+0.6878i	-2.3212-0.2125i	-1.0811-0.5361i	0.5909+0.7138i	-2.3135-2.2175i
56.0	-0.6491-0.6734i	-43.5053+1.3561i	-0.7102-0.0094i	0.4807+0.6417i	-2.3964-0.3484i	-1.0848-0.5129i	0.5551+0.6741i	-2.1973-2.0889i

56.1	-0.6776-0.6717i	-44.0164+1.8324i	-0.7651+0.0245i	0.3447+0.7527i	-2.7327-0.0331i	-1.0394-0.5563i	0.4299+0.7878i	-1.8546-2.3165i
56.2	-0.7051-0.7170i	-44.5340+1.9482i	-0.7274+0.0296i	0.4621+0.7843i	-2.5086+0.1447i	-1.0868-0.5847i	0.5309+0.8098i	-2.0376-2.4641i
56.3	-0.7380-0.7450i	-44.8040+2.2170i	-0.6967+0.0424i	0.5512+0.8078i	-2.3333+0.2076i	-1.1252-0.6029i	0.6165+0.8563i	-2.1571-2.5329i
56.4	-0.8007-0.7445i	-44.9903+2.4934i	-0.6786+0.0199i	0.6224+0.7793i	-2.2176+0.1868i	-1.1676-0.5948i	0.7208+0.8363i	-2.2622-2.4872i
56.5	-0.8697-0.7439i	-45.4533+2.6154i	-0.6774+0.0071i	0.6743+0.7273i	-2.1685+0.1275i	-1.2038-0.5653i	0.7639+0.7779i	-2.3106-2.4292i
56.6	-0.9055-0.7554i	-45.7327+3.0249i	-0.6752+0.0190i	0.7291+0.7318i	-2.1388+0.1010i	-1.2379-0.5553i	0.7973+0.7778i	-2.3566-2.4733i
56.7	-0.9301-0.7435i	-46.2718+3.4844i	-0.6611-0.0074i	0.7633+0.6811i	-2.0820+0.0664i	-1.2587-0.5470i	0.8345+0.7252i	-2.3774-2.3990i
56.8	-0.9870-0.7601i	-46.8305+3.4531i	-0.6539-0.0197i	0.7885+0.6579i	-2.0531+0.0884i	-1.2771-0.5427i	0.8577+0.7040i	-2.3616-2.3766i
56.9	-1.0537-0.7572i	-47.4848+3.8149i	-0.6390-0.0494i	0.8600+0.5965i	-1.9411+0.0689i	-1.3213-0.5360i	0.9525+0.6636i	-2.4487-2.3462i
57.0	-1.1583-0.7480i	-48.0266+4.0500i	-0.6604-0.0840i	0.8674+0.5230i	-1.9819-0.0824i	-1.3405-0.4974i	0.9511+0.5689i	-2.4098-2.2909i
57.1	-1.2359-0.7070i	-48.4368+4.4293i	-0.7158-0.1260i	0.7533+0.4051i	-2.2777-0.1640i	-1.3104-0.4577i	0.8143+0.4552i	-2.1483-2.1526i
57.2	-1.2216-0.6011i	-48.8053+4.7839i	-0.7369-0.0600i	0.6777+0.5661i	-2.4719+0.3648i	-1.2690-0.5147i	0.6950+0.6290i	-1.9621-2.5066i
57.3	-1.2524-0.6056i	-49.1791+5.3142i	-0.6963-0.0557i	0.8681+0.6045i	-1.9815+0.4663i	-1.3577-0.5361i	0.8814+0.6758i	-2.3630-2.6251i
57.4	-1.3071-0.5505i	-49.8724+6.4396i	-0.7251-0.0627i	0.8737+0.5675i	-1.8662+0.4276i	-1.3960-0.5205i	0.8964+0.6305i	-2.4130-2.6176i
57.5	-1.3940-0.4914i	-50.8468+7.0794i	-0.7550-0.0627i	0.8706+0.5245i	-1.8254+0.3871i	-1.4235-0.4946i	0.9134+0.6230i	-2.4621-2.5755i
57.6	-1.4332-0.4316i	-51.1227+7.2923i	-0.7575-0.0485i	0.8960+0.4983i	-1.7002+0.3761i	-1.4505-0.4628i	0.9794+0.5576i	-2.4923-2.5197i
57.7	-1.4373-0.3879i	-51.4000+7.7788i	-0.7651-0.0584i	0.9073+0.4334i	-1.6132+0.2652i	-1.4661-0.4341i	0.9730+0.4546i	-2.5473-2.5161i
57.8	-1.4553-0.3207i	-52.2601+8.5133i	-0.7788-0.0493i	0.8923+0.4496i	-1.6607+0.2328i	-1.4603-0.4335i	0.9410+0.4879i	-2.5227-2.5501i
57.9	-1.4826-0.2649i	-52.6505+9.2813i	-0.7823-0.0340i	0.9180+0.4606i	-1.6647+0.2739i	-1.4781-0.4262i	0.9673+0.5147i	-2.5691-2.5448i
58.0	-1.5479-0.1722i	-53.8990+10.6789i	-0.7896-0.0232i	0.9235+0.4486i	-1.6488+0.3392i	-1.4992-0.4085i	0.9925+0.4737i	-2.5857-2.5171i
58.1	-1.5653-0.0975i	-54.7616+11.4888i	-0.7999-0.0085i	0.9274+0.4428i	-1.6039+0.3013i	-1.5229-0.3920i	0.9822+0.4783i	-2.6110-2.4769i
58.2	-1.5845-0.0463i	-55.5201+12.7923i	-0.7943+0.0069i	0.9979+0.4249i	-1.5456+0.2640i	-1.5721-0.3721i	1.0425+0.4887i	-2.7183-2.5396i
58.3	-1.6392+0.0556i	-56.0086+13.9035i	-0.7872-0.0184i	1.0535+0.3592i	-1.4508+0.2575i	-1.6111-0.3482i	1.0998+0.4190i	-2.8082-2.5481i
58.4	-1.6230+0.1710i	-56.4166+15.3941i	-0.7774-0.0092i	1.0910+0.3415i	-1.4008+0.2553i	-1.6362-0.3221i	1.1597+0.3785i	-2.8615-2.5234i
58.5	-1.5380+0.2700i	-57.1166+17.2258i	-0.7799-0.0055i	1.1006+0.3164i	-1.4307+0.2919i	-1.6487-0.2936i	1.1408+0.3445i	-2.8946-2.4476i
58.6	-1.4351+0.3786i	-57.3587+19.6062i	-0.8050+0.0242i	1.1048+0.3191i	-1.4283+0.3312i	-1.6684-0.2598i	1.1438+0.3662i	-2.9269-2.4909i
58.7	-1.3484+0.4380i	-56.6972+22.6412i	-0.7930+0.0588i	1.1691+0.3318i	-1.3365+0.4457i	-1.7064-0.2215i	1.2085+0.4189i	-3.1133-2.5196i
58.8	-1.2807+0.4975i	-56.8722+25.5701i	-0.7890+0.0964i	1.2230+0.3234i	-1.2661+0.5284i	-1.7372-0.1811i	1.2782+0.4236i	-3.2167-2.4698i
58.9	-1.2467+0.5303i	-55.8250+28.1590i	-0.7927+0.1149i	1.2349+0.2535i	-1.2265+0.4720i	-1.7473-0.1172i	1.2841+0.3292i	-3.3027-2.3150i
59.0	-1.2522+0.5295i	-54.0181+31.3292i	-0.7587+0.1277i	1.3086+0.1666i	-1.1222+0.5382i	-1.7628-0.0400i	1.3392+0.2467i	-3.4696-2.1284i
59.1	-1.2271+0.5712i	-50.7648+35.5811i	-0.7163+0.1689i	1.3926+0.0961i	-0.9601+0.5846i	-1.7827+0.0560i	1.4363+0.1584i	-3.5871-1.9044i
59.2	-1.0853+0.5549i	-46.6222+38.0458i	-0.6813+0.1939i	1.3749+0.0428i	-0.8626+0.6135i	-1.7420+0.1244i	1.4230+0.0977i	-3.5551-1.6591i
59.3	-1.0179+0.5418i	-41.2250+38.7543i	-0.6254+0.1894i	1.3581-0.0610i	-0.6868+0.5835i	-1.6730+0.1996i	1.3914-0.0149i	-3.4542-1.3622i
59.4	-0.9737+0.5829i	-34.5741+37.9094i	-0.5534+0.1620i	1.3692-0.1883i	-0.4822+0.5439i	-1.5914+0.2617i	1.3931-0.1398i	-3.2648-1.1742i
59.5	-0.8988+0.5715i	-29.0773+36.0009i	-0.5195+0.1548i	1.2870-0.1985i	-0.4412+0.5404i	-1.5028+0.2656i	1.3172-0.1787i	-2.9839-1.0171i
59.6	-0.8245+0.5426i	-24.4153+30.3446i	-0.4787+0.0919i	1.2076-0.2586i	-0.3178+0.4061i	-1.4040+0.2545i	1.2464-0.2360i	-2.6949-0.8847i
59.7	-0.7781+0.5206i	-22.4004+24.9710i	-0.4455+0.0332i	1.1735-0.2968i	-0.1651+0.2765i	-1.3324+0.2333i	1.2063-0.2838i	-2.4446-0.8748i
59.8	-0.7417+0.4922i	-22.1521+20.0410i	-0.4560-0.0117i	1.1087-0.2788i	-0.1403+0.1608i	-1.2918+0.1735i	1.1142-0.2560i	-2.1638-0.9899i
59.9	-0.7272+0.4778i	-23.4640+15.5346i	-0.4738-0.0553i	1.0599-0.2656i	-0.2128+0.0302i	-1.2593+0.1055i	1.0503-0.2443i	-1.9066-1.1589i
60.0	-0.7142+0.4860i	-25.5063+12.7879i	-0.4822-0.0663i	1.0427-0.2529i	-0.1916-0.0672i	-1.2552+0.0809i	1.0201-0.2551i	-1.8103-1.2923i
60.1	-0.7169+0.5209i	-27.8492+9.4324i	-0.5211-0.1124i	1.0121-0.2570i	-0.1944-0.2293i	-1.2704+0.0431i	0.9765-0.2412i	-1.6462-1.4527i
60.2	-0.6936+0.5070i	-30.0241+7.4774i	-0.5449-0.1398i	1.0088-0.2534i	-0.1640-0.2722i	-1.2875+0.0086i	0.9721-0.1833i	-1.5942-1.5622i
60.3	-0.6630+0.5016i	-31.8808+6.0484i	-0.5663-0.1496i	1.0319-0.2496i	-0.0917-0.3088i	-1.3193+0.0045i	1.0172-0.1656i	-1.5396-1.6394i
60.4	-0.5704+0.5308i	-34.1844+5.2695i	-0.5956-0.1561i	1.0315-0.2311i	-0.0964-0.3477i	-1.3276-0.0124i	1.0451-0.1761i	-1.4961-1.8337i
60.5	-0.4908+0.5190i	-36.2579+4.4529i	-0.6265-0.1719i	1.0171-0.2704i	-0.0832-0.4031i	-1.3286-0.0182i	1.0102-0.2242i	-1.4718-1.9762i
60.6	-0.4015+0.4343i	-38.0407+3.6631i	-0.6668-0.2024i	1.0039-0.3660i	-0.0249-0.4745i	-1.3471-0.0082i	0.9731-0.2995i	-1.4572-2.0796i
60.7	-0.3333+0.3234i	-39.4501+3.5208i	-0.7059-0.1848i	0.9373-0.3129i	-0.0192-0.5850i	-1.3435-0.0198i	0.9217-0.2101i	-1.4432-2.2325i
60.8	-0.3462+0.1307i	-41.3249+3.8270i	-0.7184-0.1348i	0.9236-0.1985i	-0.0452-0.5998i	-1.3365-0.0678i	0.9136-0.1169i	-1.5009-2.4042i
60.9	-0.4652+0.0467i	-42.4198+3.9480i	-0.7035-0.0974i	1.0079-0.0951i	-0.0156-0.5488i	-1.3751-0.1011i	0.9305-0.0289i	-1.5175-2.5558i
61.0	-0.5887+0.0378i	-43.7497+3.4457i	-0.6966-0.0894i	1.0975-0.0782i	0.0563-0.6076i	-1.4105-0.1086i	1.0052+0.0315i	-1.5244-2.6300i
61.1	-0.6917+0.0555i	-45.2022+3.4781i	-0.6684-0.0773i	1.2627-0.1023i	0.1349-0.6335i	-1.4773-0.1096i	1.2003+0.0353i	-1.5916-2.6835i
61.2	-0.6934+0.1126i	-46.1531+4.2303i	-0.6551-0.0688i	1.3344-0.1289i	0.1584-0.7109i	-1.5234-0.0832i	1.2596-0.0004i	-1.7064-2.7276i
61.3	-0.7447+0.1546i	-47.8884+3.9113i	-0.6608-0.0681i	1.3573-0.1972i	0.1503-0.7969i	-1.5522-0.0547i	1.2933-0.0557i	-1.6055-2.8682i
61.4	-0.7479+0.1813i	-49.1568+3.9236i	-0.6713-0.0747i	1.3870-0.2524i	0.1173-0.8955i	-1.5753-0.0378i	1.3310-0.1079i	-1.6334-2.9350i
61.5	-0.7304+0.1864i	-49.9432+4.3140i	-0.6391-0.0645i	1.4951-0.3199i	0.1305-0.9038i	-1.6119-0.0029i	1.4481-0.1842i	-1.8172-3.0026i
61.6	-0.7275+0.1867i	-51.2586+4.7098i	-0.6263-0.0465i	1.5107-0.3439i	0.0822-1.0066i	-1.6158+0.0169i	1.4857-0.2123i	-1.8492-3.1267i
61.7	-0.7631+0.1927i	-51.9866+4.2756i	-0.6248-0.0611i	1.5358-0.4686i	0.1489-1.0842i	-1.6332+0.0581i	1.4903-0.3049i	-1.8781-3.1326i
61.8	-0.7980+0.2043i	-53.1217+5.0138i	-0.6026-0.0528i	1.6294-0.4985i	0.0445-1.0716i	-1.6571+0.0765i	1.5904-0.3233i	-1.9449-3.2799i
61.9	-0.7837+0.2213i	-54.5588+5.4557i	-0.5885-0.0480i	1.6771-0.5928i	-0.0410-1.0744i	-1.6578+0.1086i	1.6622-0.4115i	-2.0636-3.3607i
62.0	-0.7958+0.2661i	-54.7098+4.5455i	-0.5902-0.0770i	1.6460-0.7131i	0.0009-1.1617i	-1.6577+0.1479i	1.6650-0.5238i	-2.1702-3.3750i
62.1	-0.8256+0.3017i	-56.5858+4.2703i	-0.5886-0.1006i	1.6246-0.8136i	-0.0273-1.2040i	-1.6606+0.1872i	1.6276-0.6354i	-2.2336-3.4212i
62.2	-0.8184+0.3343i	-57.6454+4.8546i	-0.5846-0.0985i	1.6208-0.8416i	-0.1491-1.2446i	-1.6482+0.2046i	1.6172-0.6499i	-2.2988-3.4478i
62.3	-0.8054+0.3847i	-60.0954+5.1403i	-0.5722-0.1063i	1.5922-0.9338i	-0.0994-1.1678i	-1.6427+0.2243i	1.5663-0.7451i	-2.3262-3.5344i

62.4	-0.7890+0.3906i	-61.3339+5.2623i	-0.5595-0.1176i	1.6292-1.0395i	-0.0193-1.0892i	-1.6450+0.2483i	1.6000-0.8728i	-2.4251-3.5541i
62.5	-0.7877+0.4074i	-61.9389+4.7413i	-0.5677-0.1293i	1.6085-1.1957i	-0.0472-1.0912i	-1.6477+0.2928i	1.6047-1.0123i	-2.6174-3.4675i
62.6	-0.7759+0.4145i	-63.8847+4.3610i	-0.5531-0.1325i	1.5827-1.3089i	-0.1101-1.0215i	-1.6256+0.3302i	1.6031-1.1338i	-2.6096-3.3406i
62.7	-0.7542+0.4471i	-67.2649+4.5352i	-0.5582-0.1205i	1.5548-1.3335i	-0.0395-0.9533i	-1.6080+0.3432i	1.5674-1.1360i	-2.4902-3.4556i
62.8	-0.7645+0.4647i	-67.7284+4.6718i	-0.5430-0.1374i	1.5720-1.4538i	0.1417-0.8626i	-1.6329+0.3601i	1.5850-1.2645i	-2.5419-3.5284i
62.9	-0.7554+0.4519i	-69.5490+5.1694i	-0.5144-0.1524i	1.5228-1.5668i	0.2525-0.8913i	-1.6117+0.3705i	1.4842-1.4148i	-2.6635-3.5244i
63.0	-0.7543+0.4620i	-72.7174+5.1289i	-0.5195-0.1549i	1.4276-1.6953i	0.3681-0.8333i	-1.5936+0.4059i	1.3662-1.5519i	-2.6935-3.5424i
63.1	-0.7438+0.5012i	-75.7828+5.4395i	-0.5268-0.1570i	1.3569-1.8661i	0.5805-0.7105i	-1.6005+0.4717i	1.2876-1.6873i	-2.7886-3.5387i
63.2	-0.7341+0.5217i	-77.4033+6.2517i	-0.5293-0.1757i	1.2259-1.9924i	0.7536-0.6594i	-1.5758+0.4912i	1.1707-1.8008i	-2.8259-3.4853i
63.3	-0.7179+0.5392i	-80.4220+5.9221i	-0.5165-0.1839i	1.0186-2.1193i	0.9923-0.7131i	-1.5130+0.5360i	0.9554-1.9383i	-2.7893-3.4207i
63.4	-0.7288+0.5310i	-83.7619+5.9151i	-0.4971-0.1776i	0.8794-2.1443i	1.1123-0.7529i	-1.4694+0.5361i	0.8544-1.9623i	-2.7334-3.4370i
63.5	-0.7427+0.5517i	-88.1545+5.1923i	-0.4958-0.1824i	0.6483-2.1728i	1.3794-0.8215i	-1.4209+0.5579i	0.6180-1.9946i	-2.6855-3.3989i
63.6	-0.7303+0.5703i	-95.3985+7.7497i	-0.4729-0.1724i	0.4180-2.1096i	1.7028-0.9391i	-1.3377+0.5532i	0.3736-1.9198i	-2.5957-3.4599i
63.7	-0.7291+0.6149i	-98.9073+12.4098i	-0.4483-0.1761i	0.2892-2.0899i	1.9098-1.0833i	-1.2865+0.5489i	0.2521-1.9019i	-2.5174-3.5408i
63.8	-0.7362+0.6182i	-102.2019+16.8824i	-0.4087-0.1923i	0.1748-1.9824i	2.1445-1.2604i	-1.2603+0.4821i	0.1240-1.7978i	-2.5169-3.6261i
63.9	-0.7420+0.6312i	-107.3532+19.4126i	-0.3728-0.1941i	0.0554-1.8290i	2.4142-1.4499i	-1.2398+0.4403i	-0.0076-1.6645i	-2.4572-3.6707i
64.0	-0.7871+0.6664i	-111.0434+21.5829i	-0.3238-0.2218i	-0.0110-1.7998i	2.7190-1.5871i	-1.2338+0.4273i	-0.0895-1.6158i	-2.4357-3.6903i
64.1	-0.8123+0.7030i	-116.5080+25.8784i	-0.2903-0.2555i	-0.0171-1.6841i	2.9711-1.8343i	-1.2428+0.3810i	-0.1371-1.4347i	-2.3658-3.8724i
64.2	-0.8239+0.7620i	-120.4776+33.6116i	-0.2484-0.2914i	-0.0459-1.6060i	3.1983-2.1320i	-1.2443+0.3381i	-0.1515-1.3369i	-2.3478-4.0657i
64.3	-0.8220+0.8199i	-120.2438+44.1510i	-0.2154-0.3629i	-0.0088-1.4915i	3.2529-2.5794i	-1.2619+0.2512i	-0.1186-1.2406i	-2.4686-4.4091i
64.4	-0.7956+0.8796i	-123.1528+45.6910i	-0.2230-0.4015i	-0.0534-1.4321i	3.4925-2.8003i	-1.2733+0.2473i	-0.1905-1.1558i	-2.4111-4.3680i
64.5	-0.8092+0.9862i	-127.4316+54.7409i	-0.1778-0.4653i	0.0195-1.4187i	3.7676-3.2084i	-1.3235+0.2171i	-0.1294-1.0871i	-2.4217-4.6225i
64.6	-0.8090+1.0635i	-128.9242+61.6754i	-0.1390-0.5276i	0.0897-1.3743i	3.9812-3.5519i	-1.3504+0.1809i	-0.0288-0.9948i	-2.4160-4.8288i
64.7	-0.7779+1.1473i	-132.1302+70.4312i	-0.1136-0.5890i	0.1379-1.3446i	4.2102-4.0284i	-1.3546+0.1507i	-0.0037-0.9876i	-2.3383-5.0817i
64.8	-0.7093+1.2725i	-126.9968+82.0192i	-0.1002-0.6949i	0.2136-1.4337i	4.1911-4.6607i	-1.4483+0.1429i	0.0270-1.0247i	-2.7128-5.3797i
64.9	-0.6866+1.4118i	-124.6853+89.5160i	-0.1050-0.7663i	0.2394-1.4844i	4.2466-5.1824i	-1.5054+0.1507i	0.0564-1.0633i	-2.8150-5.5915i
65.0	-0.6158+1.5538i	-126.7896+93.6050i	-0.1206-0.8530i	0.1895-1.5801i	4.4908-5.6561i	-1.5562+0.1681i	-0.0144-1.1653i	-2.8710-5.7263i
65.1	-0.4885+1.6569i	-122.2765+101.7842i	-0.1450-0.9476i	0.2280-1.6564i	4.4152-6.3400i	-1.6348+0.1936i	0.0410-1.1739i	-3.2826-5.8712i
65.2	-0.3358+1.7520i	-115.3775+111.8217i	-0.1877-1.0249i	0.2096-1.7036i	4.1235-6.9245i	-1.6735+0.2116i	0.0444-1.0958i	-3.5835-6.0625i
65.3	-0.1820+1.9054i	-111.0069+119.4862i	-0.2224-1.1222i	0.2199-1.8113i	3.9668-7.6294i	-1.7557+0.2391i	0.1074-1.1672i	-3.7640-6.2859i
65.4	0.0085+1.9890i	-108.8246+125.2954i	-0.2449-1.2024i	0.1063-1.9041i	3.9106-8.2876i	-1.7845+0.2895i	0.0202-1.2280i	-3.8469-6.3963i
65.5	0.2302+2.0258i	-104.2352+131.7141i	-0.2876-1.2601i	-0.0543-1.9356i	3.7411-8.8963i	-1.7831+0.3361i	-0.1416-1.2426i	-3.8619-6.4191i
65.6	0.4438+2.0880i	-98.7429+134.8470i	-0.3417-1.3364i	-0.1807-2.0863i	3.4304-9.3940i	-1.8263+0.4228i	-0.2079-1.4228i	-4.1119-6.3442i
65.7	0.7064+2.0731i	-88.4091+140.1185i	-0.4251-1.4236i	-0.3464-2.1086i	2.7516-9.9922i	-1.8672+0.4817i	-0.3048-1.4689i	-4.6508-6.4894i
65.8	1.0840+2.0497i	-79.4941+148.5548i	-0.5172-1.5524i	-0.5337-2.0634i	2.0831-10.8735i	-1.8886+0.5677i	-0.5315-1.3284i	-5.0264-6.6925i
65.9	1.3139+2.0101i	-74.4518+151.0568i	-0.5738-1.5947i	-0.6370-2.0261i	1.7622-11.2108i	-1.9022+0.6481i	-0.5998-1.2552i	-5.1492-6.5921i
66.0	1.5878+1.8794i	-66.9541+155.2144i	-0.6612-1.6479i	-0.8176-1.9343i	1.1550-11.7114i	-1.8697+0.7482i	-0.7533-1.1837i	-5.2859-6.5954i
66.1	1.8936+1.6291i	-54.5841+156.5302i	-0.7988-1.7166i	-0.9831-1.8587i	0.2055-12.1244i	-1.8674+0.8586i	-0.8401-1.0725i	-5.7948-6.4827i
66.2	2.0852+1.4206i	-47.6795+158.0029i	-0.9106-1.7509i	-1.0674-1.7560i	-0.4917-12.3807i	-1.8669+0.9163i	-0.8682-0.9661i	-6.0712-6.4762i
66.3	2.2200+1.1321i	-40.8108+156.5505i	-1.0165-1.7725i	-1.1420-1.6313i	-1.2608-12.5023i	-1.7884+0.9945i	-0.9473-0.8407i	-6.1461-6.3814i
66.4	2.3312+0.7784i	-28.6959+155.2837i	-1.1623-1.8137i	-1.1630-1.5555i	-2.3637-12.5292i	-1.7280+1.0276i	-0.9338-0.7121i	-6.5102-6.5742i
66.5	2.4905+0.5117i	-21.7417+158.9976i	-1.2762-1.8497i	-1.2163-1.4172i	-3.0713-12.8109i	-1.6399+1.1455i	-0.9176-0.5453i	-6.6196-6.6195i
66.6	2.5825+0.2659i	-14.8094+162.3631i	-1.3867-1.8617i	-1.2059-1.2670i	-3.6629-13.0939i	-1.5458+1.2093i	-0.8682-0.3934i	-6.7068-6.7214i
66.7	2.5865+0.0329i	-7.5671+159.1534i	-1.4887-1.8441i	-1.1846-1.1940i	-4.3138-12.8885i	-1.4805+1.2251i	-0.8113-0.3377i	-7.0962-6.6569i
66.8	2.5815-0.2814i	-0.9595+154.3967i	-1.6056-1.8078i	-1.2469-1.0659i	-4.9835-12.6784i	-1.3570+1.2310i	-0.8227-0.2526i	-7.3185-6.6487i
66.9	2.5693-0.5865i	6.0611+151.3391i	-1.7237-1.7662i	-1.2682-1.0071i	-5.6353-12.4434i	-1.2809+1.2664i	-0.7767-0.2033i	-7.7229-6.5619i
67.0	2.4676-0.9328i	13.2251+144.8714i	-1.8446-1.6902i	-1.2696-0.8860i	-6.3675-11.9447i	-1.1814+1.2439i	-0.7258-0.1057i	-8.1116-6.2818i
67.1	2.3763-1.1897i	18.1298+141.5535i	-1.9183-1.6419i	-1.2363-0.7939i	-6.8582-11.7291i	-1.0943+1.2244i	-0.6494-0.0331i	-8.3723-6.1860i
67.2	2.2697-1.4216i	22.0267+140.9637i	-1.9803-1.6217i	-1.1608-0.6527i	-7.2770-11.7657i	-0.9940+1.1637i	-0.5821+0.0796i	-8.4321-6.3517i
67.3	2.0917-1.7131i	25.7379+137.5957i	-2.0677-1.5457i	-1.1343-0.4946i	-7.7757-11.4354i	-0.8894+1.1366i	-0.5281+0.2238i	-8.6405-6.0546i
67.4	1.9027-1.9070i	29.2277+133.1090i	-2.1279-1.4869i	-1.0376-0.4052i	-8.1397-11.0760i	-0.8436+1.0761i	-0.3833+0.2893i	-8.8267-5.8628i
67.5	1.6923-2.0666i	31.3939+128.1438i	-2.1701-1.4336i	-0.9344-0.3469i	-8.4171-10.7277i	-0.8052+1.0033i	-0.2553+0.3518i	-8.9189-5.6704i
67.6	1.4776-2.2967i	37.0482+122.0419i	-2.2436-1.3828i	-0.8338-0.3065i	-9.0066-10.3557i	-0.7719+0.9170i	-0.0901+0.3585i	-9.3875-5.5439i
67.7	1.1810-2.4333i	40.1797+115.8391i	-2.3056-1.3031i	-0.7037-0.2719i	-9.4470-9.8203i	-0.7690+0.8402i	0.0491+0.3368i	-9.7682-5.1870i
67.8	0.9293-2.4901i	41.1709+112.4268i	-2.3335-1.2591i	-0.6137-0.2557i	-9.5602-9.5428i	-0.7356+0.7652i	0.1230+0.3215i	-9.7050-5.0672i
67.9	0.7304-2.5242i	42.6848+111.1876i	-2.3624-1.2300i	-0.5434-0.2774i	-9.7546-9.4341i	-0.6888+0.7255i	0.1605+0.2927i	-9.6827-5.0338i
68.0	0.4716-2.5142i	41.5494+106.0874i	-2.3639-1.1788i	-0.4494-0.2990i	-9.7606-9.1082i	-0.7013+0.6930i	0.2534+0.2249i	-9.6491-4.7146i
68.1	0.2295-2.5394i	44.3524+101.7165i	-2.4389-1.1240i	-0.3782-0.3344i	-10.1715-8.7360i	-0.7363+0.6255i	0.3553+0.1415i	-10.0053-4.4904i
68.2	-0.0376-2.5243i	46.4658+97.5653i	-2.4762-1.0545i	-0.3710-0.3715i	-10.4985-8.2676i	-0.7349+0.5800i	0.3850+0.1119i	-10.1397-4.1820i
68.3	-0.2211-2.5254i	48.0044+96.3668i	-2.5227-1.0445i	-0.2764-0.4048i	-10.7543-8.2236i	-0.7442+0.5055i	0.5182+0.0665i	-10.2586-4.2526i
68.4	-0.3969-2.4550i	48.7177+92.9102i	-2.5474-1.0204i	-0.2281-0.4847i	-10.9542-8.0050i	-0.7757+0.4575i	0.5570-0.0375i	-10.3926-4.1049i
68.5	-0.5402-2.4081i	49.5091+89.1682i	-2.5782-1.0179i	-0.1857-0.5214i	-11.2710-7.6997i	-0.8107+0.3704i	0.6034-0.0780i	-10.6673-4.0099i
68.6	-0.7330-2.3527i	51.0346+86.5302i	-2.6600-0.9952i	-0.1272-0.5661i	-11.6633-7.4600i	-0.8649+0.3070i	0.7151-0.1309i	-10.9731-3.9066i

68.7	-0.8944-2.2662i	50.1345+84.5874i	-2.6999-0.9655i	-0.0781-0.6587i	-11.8184-7.2626i	-0.9049+0.2781i	0.7963-0.2557i	-10.9935-3.7209i
68.8	-1.0478-2.1381i	50.2298+80.7275i	-2.7313-0.8896i	-0.0665-0.7071i	-11.8763-6.8178i	-0.9181+0.2557i	0.7880-0.3408i	-10.9500-3.3436i
68.9	-1.1641-2.0259i	50.1220+78.6599i	-2.7814-0.8378i	-0.0491-0.7834i	-11.9804-6.5740i	-0.9514+0.2344i	0.8006-0.4249i	-10.9143-3.1769i
69.0	-1.2738-1.9480i	50.0394+76.5270i	-2.8472-0.8231i	-0.0676-0.8745i	-12.2618-6.4218i	-1.0304+0.2003i	0.7875-0.5210i	-11.1120-3.1531i
69.1	-1.3887-1.7919i	50.7543+73.6093i	-2.9288-0.7561i	-0.0386-0.9752i	-12.6163-6.0039i	-1.1517+0.1883i	0.8444-0.6294i	-11.4639-2.9788i
69.2	-1.4365-1.6836i	51.5789+72.2756i	-2.9593-0.7065i	-0.0260-1.0229i	-12.7547-5.7098i	-1.1924+0.1811i	0.8976-0.6955i	-11.5969-2.8465i
69.3	-1.4611-1.5347i	51.6911+69.0173i	-2.9821-0.6424i	-0.1096-1.0567i	-12.7518-5.2890i	-1.2538+0.1659i	0.7974-0.7855i	-11.6357-2.7188i
69.4	-1.4683-1.4519i	50.5355+66.1270i	-2.9928-0.6102i	-0.1580-1.1074i	-12.7731-5.0514i	-1.2983+0.1722i	0.6924-0.8362i	-11.6479-2.5883i
69.5	-1.5040-1.3805i	48.8199+63.9038i	-3.0245-0.5600i	-0.1777-1.1423i	-12.8374-4.7692i	-1.3488+0.1977i	0.6757-0.8783i	-11.6559-2.3924i
69.6	-1.5637-1.2617i	48.9899+62.0266i	-3.0425-0.4153i	-0.2174-1.1304i	-12.8190-4.1529i	-1.3750+0.2649i	0.6619-0.8683i	-11.5743-1.9608i
69.7	-1.5965-1.2090i	49.5190+61.9502i	-3.0772-0.4399i	-0.1522-1.2580i	-13.0375-4.2312i	-1.4624+0.2192i	0.7474-0.9623i	-11.8787-2.3166i
69.8	-1.6686-1.1413i	49.7350+61.1437i	-3.1629-0.3970i	-0.2112-1.3299i	-13.3652-3.9903i	-1.5206+0.2633i	0.6939-1.0971i	-12.1391-2.0741i
69.9	-1.6719-1.0491i	51.5495+58.3786i	-3.2222-0.3445i	-0.2591-1.4290i	-13.5637-3.6353i	-1.6238+0.2960i	0.6677-1.2385i	-12.5560-1.9259i
70.0	-1.6846-0.9800i	51.3978+58.1610i	-3.2753-0.3085i	-0.2715-1.5320i	-13.7072-3.4508i	-1.6793+0.3365i	0.6531-1.3262i	-12.7250-1.8852i
70.1	-1.7034-0.8921i	51.4783+55.2147i	-3.3386-0.2388i	-0.3569-1.6748i	-13.9413-3.0483i	-1.7524+0.4139i	0.5632-1.4692i	-13.0653-1.6113i
70.2	-1.7034-0.8504i	51.8332+53.8725i	-3.3538-0.1765i	-0.4033-1.7346i	-13.9051-2.8554i	-1.7773+0.4835i	0.5352-1.5279i	-13.1723-1.4444i
70.3	-1.7135-0.7859i	52.3011+52.5624i	-3.3682-0.1127i	-0.4670-1.7931i	-13.8877-2.5977i	-1.8008+0.5411i	0.5144-1.6234i	-13.2396-1.2883i
70.4	-1.7560-0.6700i	53.7429+49.3740i	-3.4257+0.0123i	-0.6655-1.8911i	-14.1347-1.9949i	-1.8122+0.6508i	0.3417-1.7670i	-13.6229-0.8231i
70.5	-1.7288-0.6309i	55.0089+49.0005i	-3.4625+0.0349i	-0.7317-1.9327i	-14.2598-1.9546i	-1.8690+0.6429i	0.2988-1.7836i	-14.0327-0.9247i
70.6	-1.6989-0.5581i	55.1243+49.5839i	-3.4691+0.0769i	-0.7808-1.9545i	-14.2120-2.0777i	-1.8570+0.6189i	0.2516-1.8060i	-14.1236-1.1692i
70.7	-1.6888-0.4712i	54.7522+46.8983i	-3.4654+0.1959i	-0.9508-1.9871i	-14.1921-1.6093i	-1.8132+0.7141i	0.0899-1.8875i	-14.1959-0.6553i
70.8	-1.6719-0.4087i	52.7306+45.7332i	-3.4475+0.2777i	-1.0629-1.9784i	-14.0724-1.3884i	-1.7394+0.7540i	-0.0278-1.9228i	-14.0752-0.3522i
70.9	-1.6609-0.3765i	53.2432+43.5599i	-3.5075+0.3278i	-1.1711-1.9830i	-14.3405-1.2292i	-1.7817+0.7760i	-0.1121-1.9470i	-14.6186-0.1073i
71.0	-1.6244-0.3354i	53.2334+41.2403i	-3.4892+0.3890i	-1.2704-1.9628i	-14.4873-0.9291i	-1.7942+0.8242i	-0.1821-1.9514i	-14.8974+0.3493i
71.1	-1.5653-0.2739i	52.7868+39.8372i	-3.4000+0.4506i	-1.3400-1.9053i	-14.2735-0.6066i	-1.7303+0.8369i	-0.2640-1.8962i	-14.6797+0.7362i
71.2	-1.5160-0.2813i	55.5919+36.4500i	-3.4282+0.4711i	-1.4186-1.9401i	-14.5881-0.4162i	-1.8207+0.8598i	-0.3114-1.9287i	-15.2978+1.0547i
71.3	-1.5206-0.2579i	54.0684+35.4991i	-3.4445+0.5365i	-1.5461-1.9349i	-14.6195-0.1135i	-1.7651+0.9174i	-0.4457-1.9695i	-15.2241+1.4993i
71.4	-1.5189-0.2599i	53.4484+33.3520i	-3.5136+0.5552i	-1.6931-2.0520i	-14.9500+0.1235i	-1.7972+0.9869i	-0.5743-2.1213i	-15.5730+1.9346i
71.5	-1.4757-0.2394i	52.5591+32.1934i	-3.4954+0.5882i	-1.8085-2.0393i	-14.8327+0.3501i	-1.7526+0.9865i	-0.6802-2.1190i	-15.3924+2.2334i
71.6	-1.4806-0.2543i	53.3873+29.5781i	-3.5405+0.6245i	-1.9936-2.0206i	-15.0617+0.6314i	-1.7799+1.0218i	-0.8348-2.1163i	-15.6899+2.6518i
71.7	-1.5504-0.2548i	53.1817+26.4047i	-3.6822+0.7218i	-2.3176-2.0662i	-15.5368+1.2637i	-1.7494+1.1485i	-1.1376-2.1955i	-16.0386+3.5634i
71.8	-1.5449-0.2573i	52.1380+25.2749i	-3.7072+0.7618i	-2.4649-2.0295i	-15.5784+1.4032i	-1.7238+1.1546i	-1.3202-2.1988i	-16.0019+3.7740i
71.9	-1.5250-0.2357i	50.7908+25.0481i	-3.6704+0.7909i	-2.5406-1.9199i	-15.2842+1.4428i	-1.6685+1.1108i	-1.4454-2.0800i	-15.5865+3.8122i
72.0	-1.5516-0.2017i	48.2000+24.1688i	-3.6595+0.8941i	-2.7194-1.6425i	-15.0057+1.8798i	-1.5767+1.0972i	-1.6416-1.8510i	-15.0692+4.2737i
72.1	-1.6347-0.2083i	49.3210+20.5655i	-3.8756+1.0301i	-3.0636-1.5972i	-15.9357+2.6418i	-1.6596+1.2063i	-1.9176-1.8894i	-15.9484+5.2543i
72.2	-1.6797-0.1829i	49.9320+19.4439i	-3.9958+1.1253i	-3.2831-1.4762i	-16.4034+2.9705i	-1.7049+1.2131i	-2.0888-1.7939i	-16.3067+5.6753i
72.3	-1.6907-0.1755i	48.9249+18.9219i	-3.9843+1.2038i	-3.3351-1.3034i	-16.3279+3.1985i	-1.7103+1.2201i	-2.1531-1.6482i	-16.1359+5.9119i
72.4	-1.7313-0.1380i	46.8874+16.8803i	-3.9939+1.3377i	-3.4378-1.0594i	-16.2660+3.7586i	-1.6956+1.2439i	-2.2534-1.4303i	-15.8942+6.5015i
72.5	-1.7572-0.0784i	45.3785+15.9791i	-3.9909+1.4780i	-3.4766-0.8281i	-16.2019+4.2940i	-1.6930+1.2660i	-2.2904-1.2428i	-15.6773+6.9946i
72.6	-1.7771-0.0610i	45.2486+13.7334i	-4.0517+1.5604i	-3.5774-0.6432i	-16.4858+4.5804i	-1.7490+1.2383i	-2.3728-1.0697i	-15.9134+7.2457i
72.7	-1.8783+0.0197i	45.3937+12.0491i	-4.2114+1.7999i	-3.8161-0.3688i	-17.1333+5.4650i	-1.8044+1.3075i	-2.5594-0.8516i	-16.3630+8.1654i
72.8	-1.9014+0.1055i	44.2509+11.4069i	-4.1850+1.9673i	-3.8167-0.0957i	-17.0031+6.0578i	-1.8032+1.3334i	-2.5849-0.6278i	-16.0689+8.6768i
72.9	-1.8939+0.1720i	41.6365+11.2376i	-4.0773+2.0276i	-3.6761+0.0826i	-16.5366+6.3222i	-1.7803+1.3385i	-2.5253-0.4948i	-15.4879+8.8173i
73.0	-1.8905+0.2221i	40.7582+10.4892i	-4.0297+2.0608i	-3.6180+0.2058i	-16.3517+6.4259i	-1.7573+1.3118i	-2.5186-0.3872i	-15.2063+8.8550i
73.1	-1.8997+0.3610i	39.9503+8.2599i	-4.0049+2.3849i	-3.6017+0.6086i	-16.2979+7.6637i	-1.7769+1.4107i	-2.4902-0.0883i	-14.9576+10.0033i
73.2	-1.9105+0.4337i	37.7458+8.2577i	-3.9787+2.4936i	-3.5198+0.7659i	-16.1161+8.1129i	-1.7795+1.4862i	-2.4321+0.0320i	-14.6662+10.3780i
73.3	-1.8628+0.5217i	37.0803+7.8536i	-3.8932+2.6444i	-3.3917+0.9724i	-15.8762+8.7209i	-1.7955+1.5370i	-2.3475+0.2189i	-14.3741+10.8020i
73.4	-1.8178+0.6156i	36.1066+6.9608i	-3.7680+2.8397i	-3.2132+1.2088i	-15.4489+9.4783i	-1.7872+1.6148i	-2.1926+0.4262i	-13.8902+11.4235i
73.5	-1.7470+0.7174i	34.0414+7.1037i	-3.6280+3.0042i	-3.0264+1.3658i	-14.8745+10.0609i	-1.7368+1.6839i	-2.0478+0.5168i	-13.2587+11.8326i
73.6	-1.7363+0.7442i	33.9996+6.6363i	-3.6924+3.0244i	-3.0476+1.3755i	-15.1216+10.1265i	-1.7860+1.6820i	-2.0426+0.5189i	-13.5329+11.8490i
73.7	-1.6649+0.8278i	32.5740+4.5264i	-3.5989+3.2599i	-2.9336+1.6363i	-14.8062+11.1483i	-1.8103+1.7731i	-1.9773+0.7134i	-13.2097+12.7017i
73.8	-1.5861+0.9070i	31.0654+3.9447i	-3.4404+3.4976i	-2.7907+1.8717i	-14.1935+12.0904i	-1.7624+1.8750i	-1.9001+0.9270i	-12.5671+13.4999i
73.9	-1.5058+0.9354i	29.7842+4.3064i	-3.2454+3.5661i	-2.6129+1.9649i	-13.4794+12.3089i	-1.7021+1.8910i	-1.7342+1.0161i	-11.8404+13.6159i
74.0	-1.4716+0.9477i	29.2064+4.6327i	-3.1607+3.6393i	-2.4905+2.0087i	-13.2178+12.5346i	-1.6995+1.9444i	-1.6244+1.0088i	-11.5656+13.8447i
74.1	-1.3747+0.9835i	27.4378+4.8469i	-2.8512+3.7361i	-2.1742+2.1100i	-11.9110+12.9435i	-1.5637+2.0149i	-1.4184+1.0912i	-10.2677+14.1188i
74.2	-1.3233+1.0384i	26.9400+3.0580i	-2.7743+3.9428i	-2.0988+2.3034i	-11.7512+13.8916i	-1.5891+2.1282i	-1.3791+1.1937i	-10.0416+14.9218i
74.3	-1.2240+0.9952i	24.8231+3.5844i	-2.4742+3.8256i	-1.7975+2.1358i	-10.4559+13.6021i	-1.4159+2.1910i	-1.1568+1.0612i	-8.8558+14.5363i
74.4	-1.1866+1.0235i	24.8534+3.2847i	-2.3682+3.9393i	-1.6419+2.2248i	-10.1528+14.0062i	-1.3933+2.2470i	-1.0087+1.1333i	-8.5020+14.8702i
74.5	-1.1532+1.0329i	23.5905+3.4457i	-2.2633+4.0181i	-1.5078+2.2811i	-9.7301+14.3478i	-1.3534+2.3140i	-0.9177+1.2077i	-8.0955+15.1000i
74.6	-1.1090+1.0439i	22.6729+3.9846i	-2.0915+4.0583i	-1.3179+2.2600i	-8.9217+14.6066i	-1.2749+2.4040i	-0.8026+1.1824i	-7.3765+15.2503i
74.7	-1.0645+1.0250i	23.0639+4.0518i	-2.0584+4.0419i	-1.2541+2.2422i	-8.9718+14.4938i	-1.3154+2.3722i	-0.7361+1.1562i	-7.4476+15.0459i
74.8	-1.0384+1.0283i	22.7985+3.8178i	-1.9149+4.1250i	-1.0758+2.2382i	-8.4636+14.8635i	-1.2657+2.4648i	-0.6204+1.1338i	-6.9653+15.3166i
74.9	-0.9984+0.9932i	21.9486+4.1605i	-1.7786+4.0313i	-0.9504+2.1468i	-7.9525+14.6193i	-1.1867+2.4534i	-0.5385+1.0622i	-6.5201+14.9813i

75.0	-0.9666+0.9948i	21.3002+4.3532i	-1.6727+4.0628i	-0.8774+2.1368i	-7.4872+14.7494i	-1.1053+2.4737i	-0.5150+1.0607i	-6.1271+15.0777i
75.1	-0.9155+1.0239i	20.4282+3.7761i	-1.3616+4.1779i	-0.6237+2.0715i	-6.1674+15.3024i	-0.9064+2.6299i	-0.3255+0.9408i	-4.8878+15.5262i
75.2	-0.8869+0.9761i	19.8206+4.7400i	-1.2929+3.8966i	-0.6223+1.8065i	-5.7439+14.1451i	-0.7885+2.4917i	-0.3262+0.7384i	-4.5560+14.3605i
75.3	-0.8643+0.9821i	19.5961+4.8342i	-1.1771+3.8574i	-0.5790+1.7252i	-5.2498+13.9616i	-0.6796+2.4785i	-0.2968+0.6709i	-4.1267+14.1262i
75.4	-0.8470+1.0138i	19.1465+4.2984i	-0.9692+4.0527i	-0.3662+1.7610i	-4.3953+14.9002i	-0.6035+2.6919i	-0.1504+0.6770i	-3.3749+14.9769i
75.5	-0.8309+1.0127i	18.4480+4.3583i	-0.8505+4.0369i	-0.3167+1.6438i	-3.8893+14.8815i	-0.4991+2.7323i	-0.1134+0.5869i	-2.9562+14.9492i
75.6	-0.8453+0.9725i	18.2442+4.7458i	-0.9356+3.9461i	-0.4161+1.5568i	-4.0997+14.4103i	-0.4979+2.6753i	-0.2082+0.5153i	-3.2688+14.5450i
75.7	-0.8144+0.9642i	17.9168+4.4642i	-0.8296+3.9345i	-0.3580+1.5383i	-3.6627+14.3852i	-0.4387+2.6635i	-0.2301+0.4957i	-2.9414+14.4744i
75.8	-0.7255+0.9790i	16.7737+3.9402i	-0.3916+3.8218i	-0.2324+1.3851i	-1.8036+14.0722i	-0.0816+2.6373i	-0.2343+0.4068i	-1.2265+14.1235i
75.9	-0.7033+0.9812i	16.6191+4.4603i	-0.3205+3.7307i	-0.2450+1.3197i	-1.5453+13.5249i	0.0136+2.5421i	-0.2457+0.3740i	-0.9536+13.6381i
76.0	-0.6854+0.9740i	16.6739+4.4398i	-0.3594+3.6941i	-0.2855+1.3368i	-1.7714+13.2966i	-0.0206+2.4664i	-0.2618+0.4105i	-1.2093+13.3918i
76.1	-0.6623+0.9834i	16.1459+4.3136i	-0.1846+3.6175i	-0.2642+1.2594i	-0.9926+13.0044i	0.1375+2.4055i	-0.2846+0.3294i	-0.4984+13.1314i
76.2	-0.6392+1.0254i	15.4133+3.9952i	0.0592+3.7124i	-0.1757+1.2465i	-0.0061+13.4088i	0.3290+2.4796i	-0.2566+0.2790i	0.3658+13.5533i
76.3	-0.6313+1.0226i	15.3880+3.9136i	0.0237+3.6394i	-0.1891+1.2464i	-0.3109+13.0471i	0.2689+2.3823i	-0.2308+0.3329i	0.0414+13.1537i
76.4	-0.5867+1.0203i	14.8449+3.8774i	0.1185+3.4121i	-0.2162+1.0884i	0.0664+12.1803i	0.3523+2.2518i	-0.2776+0.2365i	0.3302+12.3466i
76.5	-0.5053+1.0079i	13.9695+4.0980i	0.2811+3.2894i	-0.2160+1.0318i	0.7245+11.6287i	0.4881+2.1371i	-0.3403+0.2465i	0.9224+11.8935i
76.6	-0.4775+0.9927i	13.7990+3.7894i	0.3627+3.2811i	-0.2015+1.0860i	0.9466+11.5537i	0.5339+2.0856i	-0.3147+0.3069i	1.1398+11.8184i
76.7	-0.4878+0.9616i	13.9603+4.1438i	0.2781+3.2045i	-0.2342+1.0950i	0.4681+11.2496i	0.4297+2.0047i	-0.3260+0.2889i	0.6543+11.4953i
76.8	-0.4619+0.9459i	13.6836+4.5285i	0.2304+3.0985i	-0.2976+1.1187i	0.1791+10.7675i	0.3760+1.8652i	-0.3982+0.3309i	0.3557+11.0452i
76.9	-0.4156+0.9178i	13.2490+4.2061i	0.3473+2.9416i	-0.2776+1.0460i	0.6361+10.2514i	0.4762+1.7578i	-0.4218+0.3307i	0.7335+10.5948i
77.0	-0.3768+0.9040i	12.7141+4.0395i	0.5159+2.8258i	-0.2027+1.0134i	1.3087+9.9270i	0.5627+1.6798i	-0.3607+0.3605i	1.3274+10.2991i
77.1	-0.3406+0.9131i	12.2410+4.1272i	0.5564+2.8173i	-0.2160+1.0258i	1.3058+9.9652i	0.5491+1.6763i	-0.3585+0.3212i	1.2945+10.3762i
77.2	-0.2970+0.8854i	12.1170+4.2660i	0.5145+2.7156i	-0.2397+1.0191i	1.0822+9.6995i	0.4829+1.5994i	-0.3601+0.2999i	1.0528+10.1120i
77.3	-0.2789+0.8286i	11.5669+4.7032i	0.4269+2.4988i	-0.3247+0.9589i	0.9535+8.7760i	0.4534+1.4536i	-0.4325+0.3252i	0.8887+9.3385i
77.4	-0.2770+0.8142i	11.5128+4.7756i	0.3665+2.5412i	-0.3936+1.0264i	0.6307+8.8564i	0.4296+1.4499i	-0.4753+0.3901i	0.5728+9.5394i
77.5	-0.2618+0.7961i	11.2606+4.5563i	0.4784+2.4876i	-0.3306+0.9968i	1.0709+8.8385i	0.4992+1.4790i	-0.4561+0.3463i	0.9983+9.6493i
77.6	-0.2211+0.7426i	10.8169+4.5767i	0.5698+2.2708i	-0.2902+0.9506i	1.5995+8.1266i	0.5790+1.3494i	-0.4699+0.3459i	1.6118+9.0708i
77.7	-0.2511+0.7184i	10.5305+4.4927i	0.4564+2.2559i	-0.3730+0.9776i	1.1845+8.0256i	0.5348+1.3158i	-0.5069+0.3766i	1.2252+9.0602i
77.8	-0.2575+0.6888i	10.2918+4.6954i	0.4251+2.2085i	-0.3319+0.9823i	1.0063+7.9342i	0.4844+1.2911i	-0.4538+0.3880i	1.1014+8.9625i
77.9	-0.2726+0.6660i	9.7253+4.5217i	0.4455+2.1376i	-0.3241+0.9692i	1.1782+7.6808i	0.5060+1.2424i	-0.4550+0.4013i	1.3043+8.8145i
78.0	-0.2892+0.6625i	9.6065+4.5606i	0.3843+2.1898i	-0.3603+1.0446i	0.8740+7.8556i	0.4865+1.2409i	-0.4600+0.4417i	1.0731+9.0786i
78.1	-0.2940+0.6165i	10.0868+4.9341i	0.2175+2.2503i	-0.3677+1.1379i	0.1104+8.1213i	0.3449+1.2396i	-0.4390+0.4998i	0.3913+9.2501i
78.2	-0.3132+0.6199i	9.9508+4.9473i	0.1908+2.2989i	-0.3463+1.2042i	0.0100+8.3297i	0.3175+1.2423i	-0.4388+0.5435i	0.3747+9.4542i
78.3	-0.3147+0.5938i	9.4770+5.2561i	0.1474+2.1465i	-0.3460+1.1305i	-0.0465+7.7435i	0.2994+1.1383i	-0.4070+0.5165i	0.3883+8.8987i
78.4	-0.3140+0.6018i	9.0648+5.0182i	0.1957+2.1652i	-0.3077+1.1434i	0.1293+7.8765i	0.3349+1.1343i	-0.3616+0.5162i	0.6310+9.0796i
78.5	-0.3145+0.5780i	9.0414+5.0703i	0.1251+2.1443i	-0.3181+1.1252i	-0.1039+7.7740i	0.2817+1.0968i	-0.3705+0.5080i	0.4056+8.9042i
78.6	-0.3228+0.5732i	8.9922+5.2906i	0.1122+2.1190i	-0.2839+1.1337i	-0.1835+7.7568i	0.2546+1.0777i	-0.3526+0.5094i	0.4277+8.8707i
78.7	-0.3667+0.5408i	8.8265+5.5607i	-0.0628+2.0881i	-0.3440+1.1161i	-0.8465+7.5471i	0.1501+1.0550i	-0.3658+0.5047i	-0.2414+8.6905i
78.8	-0.4044+0.5641i	8.6843+5.4515i	-0.1185+2.2731i	-0.3802+1.2110i	-1.0663+8.3436i	0.1128+1.1481i	-0.3928+0.5248i	-0.4159+9.5360i
78.9	-0.3909+0.5980i	8.4662+5.5446i	-0.0063+2.3945i	-0.3164+1.3181i	-0.6553+8.8613i	0.1501+1.1788i	-0.3631+0.6013i	0.1601+10.0722i
79.0	-0.4149+0.6147i	8.6720+5.2980i	0.1037+2.4571i	-0.2197+1.2901i	-0.0703+9.3337i	0.2191+1.2724i	-0.3583+0.5562i	0.6970+10.5404i
79.1	-0.3985+0.6433i	8.7827+5.2717i	0.3555+2.6079i	-0.0787+1.3757i	0.9534+10.1658i	0.3654+1.3537i	-0.3083+0.5919i	1.8296+11.3290i
79.2	-0.3544+0.6859i	8.3892+5.1323i	0.6002+2.6821i	0.0776+1.4370i	1.8742+10.5581i	0.4761+1.3770i	-0.2068+0.6266i	2.9255+11.6778i
79.3	-0.2592+0.6994i	7.6511+4.5952i	1.0024+2.3866i	0.3049+1.2785i	3.7794+9.6188i	0.6970+1.2044i	-0.1927+0.5499i	4.9696+10.6461i
79.4	-0.2095+0.6706i	7.1694+4.7504i	1.0212+2.1145i	0.2828+1.1321i	4.1622+8.4472i	0.7461+1.0195i	-0.2671+0.5384i	5.4384+9.4110i
79.5	-0.1868+0.6145i	6.8968+4.9398i	0.9479+1.9017i	0.2678+1.0314i	3.9536+7.4806i	0.6869+0.8725i	-0.2587+0.5114i	5.2455+8.3053i
79.6	-0.1732+0.5715i	6.4615+5.0795i	0.8698+1.6581i	0.2288+0.9232i	3.8053+6.3843i	0.6325+0.7163i	-0.2539+0.4821i	5.0560+7.0661i
79.7	-0.1906+0.5326i	6.4814+5.3003i	0.7533+1.5836i	0.2342+0.9062i	3.3191+6.0189i	0.5191+0.6532i	-0.2034+0.5046i	4.5273+6.6311i
79.8	-0.1776+0.5129i	6.1751+5.0869i	0.7975+1.4761i	0.2512+0.8440i	3.7734+5.4796i	0.5547+0.5757i	-0.2053+0.5046i	4.9671+6.0359i
79.9	-0.1721+0.5041i	6.0544+4.9307i	0.8590+1.3803i	0.2572+0.7930i	4.2122+5.0010i	0.6070+0.5034i	-0.2584+0.5229i	5.4178+5.4935i
80.0	-0.1900+0.5014i	5.8097+5.3691i	0.6741+1.4251i	0.1840+0.8516i	3.3052+4.9444i	0.4725+0.4700i	-0.2681+0.6218i	4.5455+5.4055i

2.1.63 Run 6 – VT000 – Accels 17–24

Vertical shaking at 0°. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-0.0614+0.0000i	0.0607+0.0000i	-1.6288+0.0000i	7.7970+0.0000i	4.0909+0.0000i	7.3522+0.0000i	3.3207+0.0000i	5.5396+0.0000i
0.1	-0.1248+0.1541i	0.0283+0.1100i	-0.3346+0.1733i	1.7993+0.3380i	0.6532-0.0786i	2.3676-0.5977i	0.4215+0.2737i	0.7376+0.4575i
0.2	-0.1972+0.1013i	0.1129+0.0693i	-0.0428+0.1706i	-0.0346+0.1435i	-0.0301-0.1619i	0.0457+0.0318i	-0.1477-0.0560i	-0.0434+0.0088i
0.3	0.0316+0.0347i	0.0103+0.0069i	-0.0188-0.0278i	0.0547-0.0201i	0.0041-0.0086i	0.0044+0.0008i	-0.0286-0.0326i	-0.0072-0.0080i
0.4	0.0303+0.0270i	-0.0060+0.0003i	0.0099-0.0237i	-0.0154-0.0119i	0.0167+0.0009i	-0.0011+0.0155i	0.0096+0.0056i	0.0084+0.0067i
0.5	0.0176+0.0062i	-0.0015+0.0004i	0.0010-0.0006i	-0.0085-0.0078i	-0.0015-0.0183i	0.0031+0.0070i	0.0027+0.0015i	0.0030+0.0003i
0.6	0.0062-0.0009i	0.0004-0.0022i	0.0136+0.0010i	-0.0012-0.0069i	0.0047-0.0085i	-0.0106-0.0024i	0.0007-0.0027i	-0.0006-0.0015i
0.7	-0.0027-0.0020i	0.0001+0.0008i	0.0171-0.0024i	-0.0025-0.0020i	0.0052-0.0024i	-0.0061-0.0043i	0.0023+0.0026i	-0.0005+0.0002i
0.8	-0.0034+0.0013i	0.0015+0.0038i	0.0226-0.0068i	-0.0006-0.0031i	0.0146+0.0181i	-0.0013-0.0041i	0.0007+0.0005i	-0.0001+0.0052i
0.9	-0.0002+0.0011i	0.0056+0.0026i	0.0189-0.0018i	0.0037+0.0023i	0.0224+0.0121i	0.0010-0.0006i	0.0003-0.0002i	0.0066+0.0061i
1.0	0.0002+0.0017i	0.0054-0.0002i	0.0199+0.0061i	0.0044+0.0018i	0.0201+0.0031i	0.0008-0.0010i	0.0015+0.0002i	0.0046+0.0031i
1.1	0.0019+0.0002i	0.0054-0.0006i	0.0341+0.0048i	0.0043+0.0028i	0.0115+0.0043i	-0.0003-0.0007i	0.0024+0.0017i	0.0056+0.0021i
1.2	0.0023-0.0007i	0.0062-0.0001i	0.0413+0.0033i	0.0032+0.0009i	0.0090+0.0015i	-0.0063-0.0009i	0.0028+0.0004i	0.0084+0.0017i
1.3	0.0027-0.0015i	0.0070+0.0006i	0.0436+0.0093i	0.0047+0.0006i	0.0143+0.0001i	-0.0083-0.0008i	0.0036+0.0003i	0.0123+0.0007i
1.4	0.0055-0.0005i	0.0095+0.0016i	0.0474+0.0140i	0.0093+0.0004i	0.0248-0.0043i	-0.0088-0.0004i	0.0029+0.0009i	0.0166-0.0003i
1.5	0.0192-0.0075i	0.0179-0.0044i	0.0528+0.0109i	0.0193-0.0069i	0.0550-0.0381i	-0.0075-0.0011i	-0.0036+0.0068i	0.0412-0.0168i
1.6	0.0063-0.0119i	0.0103-0.0062i	0.0701+0.0094i	0.0090-0.0121i	-0.0012-0.0460i	-0.0102-0.0014i	0.0109+0.0085i	0.0101-0.0261i
1.7	0.0001-0.0037i	0.0075+0.0004i	0.0842+0.0005i	0.0059-0.0034i	-0.0237-0.0065i	-0.0150-0.0027i	0.0205+0.0015i	-0.0067-0.0050i
1.8	0.0090-0.0066i	0.0155+0.0016i	0.0933-0.0105i	0.0132-0.0066i	-0.0060-0.0040i	-0.0158-0.0008i	0.0241-0.0048i	0.0059-0.0018i
1.9	0.0103-0.0211i	0.0281-0.0028i	0.0998-0.0314i	0.0174-0.0216i	0.0043-0.0029i	-0.0173+0.0014i	0.0277-0.0203i	0.0174-0.0034i
2.0	-0.0031-0.0346i	0.0543-0.0184i	0.0679-0.0307i	0.0074-0.0363i	0.0135-0.0047i	-0.0175+0.0025i	0.0247-0.0372i	0.0367-0.0160i
2.1	-0.0212-0.0269i	0.0718-0.0967i	0.0444+0.0284i	-0.0074-0.0407i	0.0195-0.0425i	-0.0183+0.0025i	0.0133-0.0576i	0.0510-0.0727i
2.2	0.0013-0.0283i	-0.0703-0.1167i	0.1686+0.0535i	-0.0072-0.0442i	-0.0318-0.0520i	-0.0208+0.0016i	-0.0147-0.0660i	-0.0545-0.0895i
2.3	-0.0141-0.0638i	-0.0952-0.0321i	0.1818-0.0289i	-0.0252-0.0659i	-0.0378-0.0131i	-0.0201+0.0042i	-0.0394-0.0704i	-0.0742-0.0274i
2.4	-0.1138-0.0181i	-0.0439-0.0095i	0.0920-0.0106i	-0.1155-0.0171i	-0.0145-0.0008i	-0.0148+0.0005i	-0.1187-0.0181i	-0.0383-0.0072i
2.5	-0.0494+0.0597i	-0.0352-0.0056i	0.1456+0.0370i	-0.0499+0.0579i	-0.0185-0.0046i	-0.0236-0.0058i	-0.0527+0.0555i	-0.0298-0.0031i
2.6	-0.0000+0.0284i	-0.0282-0.0033i	0.1830+0.0119i	-0.0024+0.0282i	-0.0167-0.0067i	-0.0288-0.0038i	-0.0062+0.0260i	-0.0248-0.0017i
2.7	-0.0041+0.0107i	-0.0248-0.0026i	0.1821+0.0082i	-0.0061+0.0106i	-0.0145-0.0082i	-0.0284-0.0026i	-0.0083+0.0100i	-0.0209-0.0019i
2.8	-0.0074+0.0057i	-0.0230-0.0020i	0.1934+0.0100i	-0.0095+0.0060i	-0.0146-0.0024i	-0.0297-0.0012i	-0.0096+0.0044i	-0.0193-0.0011i
2.9	-0.0090+0.0030i	-0.0193-0.0008i	0.2106+0.0044i	-0.0102+0.0022i	-0.0103+0.0012i	-0.0354-0.0019i	-0.0107+0.0037i	-0.0167-0.0002i
3.0	-0.0088+0.0022i	-0.0192-0.0024i	0.2255+0.0058i	-0.0076+0.0005i	-0.0115-0.0022i	-0.0394-0.0025i	-0.0106+0.0003i	-0.0163-0.0002i
3.1	-0.0110+0.0009i	-0.0184-0.0029i	0.2461+0.0132i	-0.0110+0.0001i	-0.0129-0.0044i	-0.0408-0.0011i	-0.0122-0.0004i	-0.0168-0.0016i
3.2	-0.0178+0.0018i	-0.0174-0.0043i	0.2666+0.0093i	-0.0172+0.0024i	-0.0108-0.0032i	-0.0440-0.0035i	-0.0190+0.0032i	-0.0158-0.0039i
3.3	-0.0167+0.0080i	-0.0174-0.0055i	0.2775+0.0056i	-0.0156+0.0091i	-0.0104+0.0014i	-0.0516-0.0009i	-0.0163+0.0047i	-0.0104-0.0025i
3.4	-0.0102+0.0098i	-0.0212-0.0031i	0.2975+0.0033i	-0.0109+0.0085i	-0.0154+0.0012i	-0.0552-0.0031i	-0.0085+0.0070i	-0.0141-0.0003i
3.5	-0.0006+0.0135i	-0.0177-0.0029i	0.2972-0.0043i	-0.0002+0.0128i	-0.0146-0.0033i	-0.0581+0.0032i	-0.0023+0.0130i	-0.0130-0.0023i
3.6	0.0062+0.0092i	-0.0192-0.0054i	0.2863+0.0086i	0.0094+0.0082i	-0.0110-0.0065i	-0.0605+0.0025i	0.0055+0.0043i	-0.0128-0.0063i
3.7	-0.0109-0.0019i	-0.0226-0.0010i	0.3874+0.0226i	-0.0118-0.0041i	-0.0139-0.0023i	-0.0627+0.0035i	-0.0126-0.0022i	-0.0166+0.0014i
3.8	-0.0087-0.0025i	-0.0194+0.0002i	0.3985+0.0178i	-0.0111-0.0027i	-0.0113+0.0004i	-0.0674+0.0011i	-0.0111-0.0019i	-0.0139+0.0008i
3.9	-0.0085-0.0020i	-0.0187-0.0004i	0.4082+0.0145i	-0.0107-0.0017i	-0.0101+0.0001i	-0.0704+0.0002i	-0.0105-0.0015i	-0.0137-0.0001i
4.0	-0.0082-0.0016i	-0.0191-0.0011i	0.4208+0.0114i	-0.0108-0.0013i	-0.0108-0.0000i	-0.0737+0.0003i	-0.0110-0.0011i	-0.0146-0.0007i
4.1	-0.0082-0.0009i	-0.0202-0.0007i	0.4344+0.0076i	-0.0112-0.0008i	-0.0114+0.0009i	-0.0782-0.0007i	-0.0110-0.0010i	-0.0155+0.0003i
4.2	-0.0072-0.0012i	-0.0205+0.0008i	0.4657+0.0092i	-0.0114-0.0011i	-0.0128+0.0020i	-0.0845-0.0006i	-0.0102-0.0015i	-0.0153+0.0010i
4.3	-0.0061-0.0027i	-0.0208+0.0012i	0.4884+0.0064i	-0.0113-0.0016i	-0.0134+0.0010i	-0.0893-0.0005i	-0.0113-0.0010i	-0.0165+0.0019i
4.4	-0.0057-0.0012i	-0.0230+0.0037i	0.5108-0.0046i	-0.0124-0.0014i	-0.0121+0.0015i	-0.0960-0.0014i	-0.0114+0.0000i	-0.0169+0.0040i
4.5	-0.0054-0.0010i	-0.0219+0.0057i	0.5194-0.0064i	-0.0137-0.0024i	-0.0120+0.0039i	-0.1015-0.0015i	-0.0109-0.0007i	-0.0148+0.0049i
4.6	-0.0052-0.0025i	-0.0211+0.0074i	0.5369-0.0076i	-0.0120-0.0024i	-0.0117+0.0061i	-0.1072-0.0009i	-0.0112-0.0006i	-0.0145+0.0073i
4.7	-0.0068-0.0002i	-0.0151+0.0141i	0.5641-0.0035i	-0.0114+0.0010i	-0.0057+0.0137i	-0.1166-0.0004i	-0.0124+0.0015i	-0.0084+0.0159i
4.8	-0.0056-0.0022i	-0.0014+0.0146i	0.5937-0.0073i	-0.0095-0.0002i	0.0063+0.0103i	-0.1213+0.0010i	-0.0102+0.0010i	0.0035+0.0149i
4.9	-0.0053-0.0011i	0.0069-0.0028i	0.6039-0.0109i	-0.0066+0.0008i	0.0117-0.0024i	-0.1251-0.0024i	-0.0067-0.0002i	0.0112-0.0020i
5.0	0.0013-0.0020i	-0.0095-0.0152i	0.6255+0.0022i	-0.0030-0.0030i	-0.0027-0.0111i	-0.1395-0.0105i	-0.0042-0.0073i	-0.0037-0.0150i
5.1	0.0048-0.0050i	-0.0198-0.0098i	0.6502+0.0034i	-0.0039-0.0058i	-0.0092-0.0077i	-0.1544-0.0106i	-0.0050-0.0061i	-0.0104-0.0087i
5.2	0.0109-0.0070i	-0.0207-0.0086i	0.6708+0.0023i	0.0021-0.0071i	-0.0091-0.0069i	-0.1664-0.0069i	-0.0007-0.0084i	-0.0113-0.0075i
5.3	0.0125-0.0171i	-0.0200-0.0074i	0.6985+0.0031i	0.0039-0.0165i	-0.0097-0.0042i	-0.1795+0.0024i	-0.0016-0.0152i	-0.0113-0.0067i
5.4	0.0096-0.0240i	-0.0176-0.0073i	0.7083-0.0022i	-0.0070-0.0237i	-0.0095-0.0001i	-0.1808+0.0074i	-0.0107-0.0231i	-0.0083-0.0063i
5.5	-0.0039-0.0312i	-0.0208-0.0058i	0.6980+0.0532i	-0.0251-0.0339i	-0.0149-0.0071i	-0.1761+0.0115i	-0.0272-0.0378i	-0.0123-0.0097i
5.6	-0.0091-0.0079i	-0.0524+0.0027i	0.8039+0.1003i	-0.0353+0.0001i	-0.0381+0.0024i	-0.1911+0.0015i	-0.0438-0.0028i	-0.0440+0.0027i

5.7	-0.0018-0.0041i	-0.0375+0.0205i	0.8693+0.0621i	-0.0263+0.0059i	-0.0210+0.0197i	-0.2127-0.0044i	-0.0338+0.0089i	-0.0266+0.0225i
5.8	0.0061-0.0009i	-0.0225+0.0172i	0.8782+0.0485i	-0.0187+0.0072i	-0.0061+0.0167i	-0.2276-0.0037i	-0.0236+0.0099i	-0.0100+0.0180i
5.9	0.0177+0.0013i	-0.0125+0.0154i	0.8950+0.0394i	-0.0084+0.0072i	0.0074+0.0144i	-0.2414+0.0002i	-0.0124+0.0104i	0.0056+0.0162i
6.0	0.0252-0.0023i	-0.0053-0.0002i	0.8975+0.0470i	-0.0060+0.0018i	0.0122-0.0007i	-0.2555-0.0008i	-0.0105+0.0037i	0.0138-0.0007i
6.1	0.0334-0.0003i	-0.0126-0.0124i	0.9110+0.0671i	-0.0047+0.0034i	0.0063-0.0122i	-0.2708-0.0038i	-0.0113+0.0044i	0.0068-0.0138i
6.2	0.0522+0.0009i	-0.0278-0.0151i	0.9420+0.0965i	0.0047+0.0088i	-0.0052-0.0150i	-0.2942-0.0037i	-0.0042+0.0098i	-0.0070-0.0172i
6.3	0.0693+0.0003i	-0.0353-0.0129i	0.9601+0.1099i	0.0137+0.0114i	-0.0116-0.0124i	-0.3137-0.0034i	0.0026+0.0124i	-0.0137-0.0142i
6.4	0.0910-0.0026i	-0.0399-0.0095i	0.9731+0.1221i	0.0252+0.0114i	-0.0138-0.0097i	-0.3347-0.0002i	0.0119+0.0133i	-0.0158-0.0110i
6.5	0.1180-0.0106i	-0.0445-0.0064i	0.9778+0.1341i	0.0395+0.0087i	-0.0144-0.0075i	-0.3561+0.0059i	0.0232+0.0120i	-0.0169-0.0092i
6.6	0.1585-0.0222i	-0.0502-0.0015i	0.9574+0.1599i	0.0586+0.0053i	-0.0166-0.0051i	-0.3776+0.0108i	0.0382+0.0095i	-0.0182-0.0054i
6.7	0.2026-0.0347i	-0.0537+0.0028i	0.9219+0.1947i	0.0806+0.0023i	-0.0166-0.0031i	-0.3985+0.0112i	0.0562+0.0089i	-0.0180-0.0027i
6.8	0.2831-0.0643i	-0.0605+0.0057i	0.8173+0.2668i	0.1191-0.0089i	-0.0164-0.0033i	-0.4252+0.0130i	0.0866+0.0013i	-0.0165-0.0021i
6.9	0.4119-0.1336i	-0.0720+0.0109i	0.6175+0.4372i	0.1788-0.0341i	-0.0186-0.0058i	-0.4539+0.0157i	0.1335-0.0160i	-0.0146-0.0039i
7.0	0.5864-0.3578i	-0.0933+0.0309i	0.4002+0.9675i	0.2695-0.1217i	-0.0281-0.0039i	-0.4912+0.0131i	0.2085-0.0794i	-0.0190-0.0062i
7.1	0.5516-0.7881i	-0.0949+0.0755i	0.7006+1.8043i	0.2859-0.3181i	-0.0354+0.0078i	-0.5369+0.0273i	0.2294-0.2329i	-0.0245-0.0010i
7.2	0.0874-1.1600i	-0.0492+0.1245i	1.7840+2.3210i	0.0988-0.5216i	-0.0255+0.0279i	-0.5573+0.0577i	0.0916-0.3989i	-0.0200+0.0159i
7.3	-0.5229-1.1404i	0.0304+0.1234i	2.9579+2.1300i	-0.1864-0.5482i	-0.0043+0.0278i	-0.5844+0.0153i	-0.1263-0.4296i	0.0037+0.0130i
7.4	-0.7694-0.8094i	0.0558+0.0741i	3.4611+1.4680i	-0.3110-0.4084i	0.0019+0.0154i	-0.6748+0.0155i	-0.2275-0.3319i	0.0024-0.0048i
7.5	-0.8112-0.4755i	0.0490+0.0355i	3.5633+0.7589i	-0.3449-0.2669i	0.0020+0.0103i	-0.7422+0.0657i	-0.2623-0.2264i	-0.0070-0.0089i
7.6	-0.7205-0.2925i	0.0331+0.0198i	3.3930+0.3949i	-0.3154-0.1855i	0.0004+0.0080i	-0.7844+0.0996i	-0.2453-0.1613i	-0.0102-0.0065i
7.7	-0.6509-0.2231i	0.0243+0.0141i	3.3004+0.2978i	-0.2913-0.1514i	-0.0010+0.0055i	-0.8327+0.1094i	-0.2296-0.1335i	-0.0105-0.0067i
7.8	-0.6224-0.1922i	0.0204+0.0094i	3.3477+0.2498i	-0.2827-0.1368i	-0.0007+0.0024i	-0.9131+0.1105i	-0.2253-0.1223i	-0.0103-0.0088i
7.9	-0.6285-0.1816i	0.0163+0.0072i	3.4711+0.1793i	-0.2866-0.1350i	-0.0022+0.0008i	-1.0166+0.1377i	-0.2302-0.1211i	-0.0126-0.0106i
8.0	-0.6587-0.1545i	0.0133+0.0060i	3.5970+0.0730i	-0.3047-0.1280i	-0.0044+0.0006i	-1.1128+0.1820i	-0.2474-0.1166i	-0.0163-0.0092i
8.1	-0.6667-0.1150i	0.0110+0.0041i	3.6818-0.0558i	-0.3127-0.1130i	-0.0048+0.0014i	-1.2132+0.2479i	-0.2557-0.1043i	-0.0166-0.0086i
8.2	-0.6897-0.0845i	0.0102+0.0023i	3.7960-0.1572i	-0.3262-0.1007i	-0.0074+0.0008i	-1.3220+0.3241i	-0.2694-0.0945i	-0.0177-0.0096i
8.3	-0.7368-0.0413i	0.0086+0.0003i	3.9516-0.2847i	-0.3554-0.0842i	-0.0096+0.0021i	-1.4727+0.4167i	-0.2962-0.0812i	-0.0211-0.0089i
8.4	-0.7657-0.0030i	0.0074+0.0005i	4.0707-0.3903i	-0.3738-0.0666i	-0.0104+0.0046i	-1.5888+0.5079i	-0.3116-0.0672i	-0.0237-0.0056i
8.5	-0.8137+0.0448i	0.0064+0.0010i	4.2471-0.5303i	-0.4016-0.0472i	-0.0113+0.0068i	-1.7625+0.6446i	-0.3358-0.0500i	-0.0258-0.0032i
8.6	-0.8638+0.0938i	0.0072-0.0003i	4.4347-0.6813i	-0.4265-0.0291i	-0.0109+0.0078i	-1.9480+0.7979i	-0.3587-0.0338i	-0.0250-0.0023i
8.7	-0.9284+0.1573i	0.0093-0.0023i	4.6709-0.8641i	-0.4584-0.0045i	-0.0112+0.0088i	-2.1758+1.0063i	-0.3873-0.0127i	-0.0252-0.0005i
8.8	-1.0227+0.2783i	0.0130-0.0061i	4.9825-1.1850i	-0.5064+0.0472i	-0.0132+0.0083i	-2.4759+1.3852i	-0.4285+0.0305i	-0.0264+0.0014i
8.9	-1.1038+0.4130i	0.0132-0.0106i	5.2658-1.5379i	-0.5469+0.1052i	-0.0200+0.0120i	-2.7481+1.8030i	-0.4615+0.0779i	-0.0327+0.0042i
9.0	-1.1069+0.6275i	0.0130-0.0144i	5.3238-2.1274i	-0.5568+0.1972i	-0.0165+0.0257i	-2.7624+2.4792i	-0.4704+0.1552i	-0.0305+0.0168i
9.1	-1.0882+0.8080i	0.0163-0.0154i	5.3942-2.6444i	-0.5515+0.2758i	-0.0041+0.0328i	-2.7606+3.0738i	-0.4654+0.2209i	-0.0182+0.0260i
9.2	-1.2324+1.1834i	0.0314-0.0258i	5.8523-3.8060i	-0.6226+0.4232i	0.0037+0.0356i	-3.2226+4.4232i	-0.5268+0.3406i	-0.0108+0.0291i
9.3	-0.9567+1.8256i	0.0318-0.0528i	5.0003-5.6684i	-0.5339+0.6937i	0.0214+0.0408i	-2.1710+6.5912i	-0.4575+0.5677i	0.0038+0.0330i
9.4	-0.1841+1.9489i	0.0051-0.0710i	2.7829-5.9075i	-0.2249+0.7704i	0.0370+0.0274i	0.4936+6.8852i	-0.2026+0.6341i	0.0184+0.0217i
9.5	0.5780+1.7468i	-0.0218-0.0764i	0.6644-5.1649i	0.0875+0.7136i	0.0496+0.0064i	3.0562+6.0469i	0.0575+0.5915i	0.0287+0.0051i
9.6	0.8296+1.2023i	-0.0398-0.0638i	0.1190-3.5019i	0.2074+0.5023i	0.0433-0.0091i	3.8092+4.1319i	0.1583+0.4194i	0.0241-0.0103i
9.7	0.8164+0.8304i	-0.0484-0.0548i	0.3075-2.4020i	0.2116+0.3511i	0.0334-0.0178i	3.7064+2.8635i	0.1636+0.2935i	0.0148-0.0190i
9.8	0.7448+0.6056i	-0.0520-0.0480i	0.6395-1.7566i	0.1883+0.2585i	0.0260-0.0231i	3.4249+2.1051i	0.1456+0.2155i	0.0084-0.0241i
9.9	0.6533+0.4467i	-0.0545-0.0420i	1.0285-1.2995i	0.1541+0.1918i	0.0199-0.0258i	3.0816+1.5725i	0.1175+0.1598i	0.0050-0.0268i
10.0	0.5700+0.3411i	-0.0555-0.0367i	1.3923-0.9845i	0.1218+0.1471i	0.0152-0.0259i	2.7775+1.2268i	0.0912+0.1221i	0.0010-0.0273i
10.1	0.4824+0.2707i	-0.0558-0.0337i	1.7807-0.7872i	0.0870+0.1174i	0.0087-0.0247i	2.4510+0.9993i	0.0636+0.0973i	-0.0031-0.0267i
10.2	0.4131+0.2381i	-0.0583-0.0332i	2.1080-0.7348i	0.0592+0.1010i	0.0039-0.0244i	2.1991+0.9274i	0.0397+0.0847i	-0.0069-0.0286i
10.3	0.3638+0.2245i	-0.0644-0.0318i	2.3599-0.7187i	0.0374+0.0921i	0.0009-0.0251i	2.0372+0.9204i	0.0203+0.0775i	-0.0121-0.0288i
10.4	0.3448+0.2109i	-0.0692-0.0283i	2.4966-0.6621i	0.0259+0.0852i	0.0017-0.0268i	2.0055+0.8979i	0.0103+0.0717i	-0.0135-0.0302i
10.5	0.3344+0.1884i	-0.0716-0.0218i	2.6289-0.5681i	0.0187+0.0762i	-0.0004-0.0283i	2.0049+0.8301i	0.0045+0.0651i	-0.0144-0.0319i
10.6	0.3174+0.1604i	-0.0684-0.0193i	2.8122-0.4700i	0.0081+0.0655i	-0.0045-0.0299i	1.9852+0.7168i	-0.0036+0.0562i	-0.0187-0.0348i
10.7	0.2979+0.1337i	-0.0665-0.0187i	3.0237-0.3724i	-0.0023+0.0562i	-0.0062-0.0299i	1.9382+0.5981i	-0.0113+0.0473i	-0.0227-0.0345i
10.8	0.2696+0.1095i	-0.0681-0.0219i	3.2674-0.2841i	-0.0166+0.0468i	-0.0085-0.0313i	1.8406+0.4860i	-0.0222+0.0393i	-0.0259-0.0360i
10.9	0.2486+0.0908i	-0.0710-0.0222i	3.4855-0.2176i	-0.0267+0.0400i	-0.0110-0.0319i	1.7616+0.4125i	-0.0306+0.0324i	-0.0276-0.0372i
11.0	0.2258+0.0836i	-0.0757-0.0219i	3.6885-0.2071i	-0.0390+0.0380i	-0.0149-0.0310i	1.6837+0.3842i	-0.0404+0.0304i	-0.0313-0.0378i
11.1	0.2070+0.0770i	-0.0778-0.0218i	3.8849-0.1909i	-0.0490+0.0358i	-0.0167-0.0314i	1.6192+0.3567i	-0.0502+0.0283i	-0.0332-0.0376i
11.2	0.1882+0.0672i	-0.0798-0.0214i	4.1166-0.1568i	-0.0599+0.0331i	-0.0189-0.0322i	1.5601+0.3222i	-0.0571+0.0256i	-0.0360-0.0391i
11.3	0.1752+0.0606i	-0.0823-0.0191i	4.3147-0.1336i	-0.0684+0.0312i	-0.0225-0.0315i	1.5188+0.2963i	-0.0634+0.0234i	-0.0417-0.0383i
11.4	0.1585+0.0550i	-0.0865-0.0174i	4.5690-0.1273i	-0.0788+0.0300i	-0.0272-0.0296i	1.4662+0.2757i	-0.0728+0.0202i	-0.0470-0.0363i
11.5	0.1452+0.0473i	-0.0902-0.0177i	4.7759-0.1003i	-0.0870+0.0280i	-0.0319-0.0303i	1.4263+0.2559i	-0.0799+0.0177i	-0.0531-0.0361i
11.6	0.1285+0.0432i	-0.0946-0.0158i	5.0231-0.0737i	-0.0971+0.0284i	-0.0362-0.0277i	1.3782+0.2430i	-0.0885+0.0161i	-0.0568-0.0309i
11.7	0.1173+0.0446i	-0.0975-0.0143i	5.2177-0.1130i	-0.1030+0.0294i	-0.0382-0.0237i	1.3475+0.2438i	-0.0952+0.0155i	-0.0575-0.0286i
11.8	0.1048+0.0430i	-0.1001-0.0132i	5.4657-0.1417i	-0.1098+0.0297i	-0.0378-0.0195i	1.3093+0.2373i	-0.1040+0.0132i	-0.0586-0.0272i
11.9	0.0918+0.0407i	-0.1040-0.0095i	5.7358-0.1496i	-0.1173+0.0308i	-0.0383-0.0152i	1.2724+0.2383i	-0.1125+0.0125i	-0.0609-0.0235i

12.0	0.0812+0.0411i	-0.1083-0.0084i	5.9341-0.1689i	-0.1220+0.0280i	-0.0403-0.0132i	1.2442+0.2484i	-0.1190+0.0114i	-0.0624-0.0195i
12.1	0.0709+0.0434i	-0.1110-0.0063i	6.1816-0.2507i	-0.1291+0.0284i	-0.0396-0.0110i	1.2220+0.2677i	-0.1274+0.0127i	-0.0614-0.0174i
12.2	0.0613+0.0450i	-0.1152-0.0054i	6.4541-0.2455i	-0.1369+0.0274i	-0.0391-0.0084i	1.2002+0.2898i	-0.1358+0.0120i	-0.0599-0.0153i
12.3	0.0543+0.0466i	-0.1180-0.0045i	6.6856-0.2377i	-0.1455+0.0257i	-0.0373-0.0071i	1.1885+0.3136i	-0.1430+0.0116i	-0.0593-0.0144i
12.4	0.0484+0.0529i	-0.1233-0.0008i	6.9302-0.2946i	-0.1556+0.0257i	-0.0349-0.0038i	1.2007+0.3500i	-0.1525+0.0131i	-0.0580-0.0120i
12.5	0.0469+0.0567i	-0.1269+0.0024i	7.1488-0.3453i	-0.1610+0.0253i	-0.0314-0.0003i	1.2311+0.3748i	-0.1600+0.0130i	-0.0558-0.0098i
12.6	0.0493+0.0549i	-0.1296+0.0073i	7.4541-0.3414i	-0.1688+0.0248i	-0.0221-0.0018i	1.2765+0.3885i	-0.1683+0.0128i	-0.0475-0.0103i
12.7	0.0499+0.0506i	-0.1314+0.0110i	7.7117-0.3093i	-0.1771+0.0226i	-0.0143-0.0064i	1.3171+0.3831i	-0.1760+0.0121i	-0.0402-0.0133i
12.8	0.0487+0.0436i	-0.1313+0.0130i	7.9437-0.2780i	-0.1846+0.0195i	-0.0098-0.0162i	1.3512+0.3619i	-0.1854+0.0118i	-0.0364-0.0244i
12.9	0.0489+0.0302i	-0.1288+0.0127i	8.2507-0.2005i	-0.1942+0.0164i	-0.0051-0.0343i	1.3849+0.3222i	-0.1935+0.0127i	-0.0340-0.0424i
13.0	0.0410+0.0143i	-0.1318+0.0054i	8.6424-0.1530i	-0.2054+0.0120i	-0.0114-0.0527i	1.3993+0.2770i	-0.2039+0.0132i	-0.0416-0.0588i
13.1	0.0264-0.0006i	-0.1400-0.0042i	9.0391-0.1364i	-0.2178+0.0058i	-0.0255-0.0706i	1.3948+0.2386i	-0.2140+0.0129i	-0.0570-0.0745i
13.2	0.0088-0.0128i	-0.1535-0.0129i	9.4484-0.1659i	-0.2341-0.0002i	-0.0466-0.0842i	1.3818+0.2109i	-0.2255+0.0106i	-0.0754-0.0859i
13.3	-0.0131-0.0204i	-0.1704-0.0156i	9.8667-0.2241i	-0.2541-0.0007i	-0.0677-0.0905i	1.3683+0.2037i	-0.2383+0.0117i	-0.0972-0.0933i
13.4	-0.0366-0.0227i	-0.1917-0.0144i	10.2515-0.3053i	-0.2733-0.0018i	-0.0917-0.0904i	1.3574+0.2020i	-0.2490+0.0115i	-0.1218-0.0911i
13.5	-0.0569-0.0213i	-0.2130-0.0077i	10.5734-0.4102i	-0.2900+0.0013i	-0.1105-0.0896i	1.3546+0.2013i	-0.2610+0.0131i	-0.1392-0.0874i
13.6	-0.0874-0.0171i	-0.2386+0.0048i	11.0752-0.4162i	-0.3189+0.0070i	-0.1331-0.0867i	1.3515+0.2203i	-0.2861+0.0154i	-0.1585-0.0832i
13.7	-0.1074-0.0042i	-0.2544+0.0216i	11.4454-0.4792i	-0.3378+0.0159i	-0.1546-0.0765i	1.3626+0.2413i	-0.2981+0.0233i	-0.1777-0.0721i
13.8	-0.1267+0.0065i	-0.2748+0.0396i	11.7976-0.4654i	-0.3581+0.0221i	-0.1865-0.0659i	1.3869+0.2588i	-0.3085+0.0276i	-0.2033-0.0600i
13.9	-0.1482+0.0175i	-0.2997+0.0599i	12.1552-0.3272i	-0.3808+0.0285i	-0.2143-0.0450i	1.4112+0.2682i	-0.3199+0.0302i	-0.2267-0.0446i
14.0	-0.1571+0.0357i	-0.3188+0.1011i	12.6740-0.1835i	-0.4009+0.0409i	-0.2361-0.0088i	1.4546+0.2692i	-0.3329+0.0338i	-0.2439-0.0160i
14.1	-0.1619+0.0482i	-0.3205+0.1375i	13.2465-0.0323i	-0.4171+0.0503i	-0.2440+0.0225i	1.4960+0.2762i	-0.3466+0.0354i	-0.2482+0.0105i
14.2	-0.1722+0.0582i	-0.3236+0.1701i	13.8951+0.2135i	-0.4379+0.0555i	-0.2513+0.0474i	1.5406+0.2845i	-0.3642+0.0350i	-0.2543+0.0319i
14.3	-0.1808+0.0641i	-0.3210+0.1994i	14.6625+0.4266i	-0.4591+0.0625i	-0.2538+0.0755i	1.5911+0.2696i	-0.3840+0.0354i	-0.2586+0.0519i
14.4	-0.1916+0.0648i	-0.3239+0.2281i	15.4996+0.6244i	-0.4815+0.0654i	-0.2606+0.0985i	1.6413+0.2576i	-0.4024+0.0326i	-0.2647+0.0692i
14.5	-0.2067+0.0755i	-0.3345+0.2635i	16.3655+0.8068i	-0.5099+0.0777i	-0.2748+0.1203i	1.6831+0.2516i	-0.4261+0.0372i	-0.2780+0.0864i
14.6	-0.2289+0.1024i	-0.3364+0.3323i	17.2852+1.2340i	-0.5440+0.1052i	-0.2920+0.1701i	1.7148+0.2725i	-0.4520+0.0498i	-0.2957+0.1247i
14.7	-0.2338+0.1310i	-0.2932+0.3954i	18.6546+1.5502i	-0.5651+0.1334i	-0.2780+0.2262i	1.8044+0.3164i	-0.4759+0.0622i	-0.2873+0.1696i
14.8	-0.2193+0.1453i	-0.2208+0.4549i	20.3216+2.1450i	-0.5756+0.1421i	-0.2387+0.2806i	1.9539+0.3343i	-0.4952+0.0599i	-0.2577+0.2171i
14.9	-0.2118+0.1484i	-0.1238+0.4560i	22.6280+1.9119i	-0.5969+0.1515i	-0.1760+0.2995i	2.1013+0.2787i	-0.5268+0.0683i	-0.2076+0.2326i
15.0	-0.2153+0.1394i	-0.0478+0.4094i	24.6942+1.4750i	-0.6277+0.1493i	-0.1205+0.2817i	2.2416+0.2240i	-0.5671+0.0712i	-0.1636+0.2181i
15.1	-0.2155+0.1263i	-0.0381+0.3618i	25.8213+0.9909i	-0.6575+0.1452i	-0.1290+0.2542i	2.3679+0.1576i	-0.5911+0.0708i	-0.1670+0.1963i
15.2	-0.2337+0.1155i	-0.0798+0.2906i	27.2220-0.0814i	-0.7215+0.1589i	-0.1832+0.2289i	2.5516+0.0132i	-0.6395+0.0854i	-0.2030+0.1700i
15.3	-0.2582+0.1160i	-0.1329+0.2886i	28.3967-0.3000i	-0.7856+0.1854i	-0.2385+0.2537i	2.6967-0.1351i	-0.6851+0.1028i	-0.2471+0.1846i
15.4	-0.2904+0.1054i	-0.2087+0.3089i	29.4670+0.6059i	-0.8669+0.1988i	-0.3236+0.3024i	2.8882-0.2906i	-0.7420+0.1037i	-0.3113+0.2168i
15.5	-0.3252+0.1002i	-0.2710+0.3918i	31.2061+2.1617i	-0.9484+0.2433i	-0.3965+0.4152i	3.0477-0.5359i	-0.8017+0.1211i	-0.3675+0.2929i
15.6	-0.3681+0.1107i	-0.2740+0.5467i	34.9423+4.8144i	-1.0277+0.3291i	-0.3938+0.6173i	3.1217-0.8867i	-0.8673+0.1601i	-0.3744+0.4331i
15.7	-0.4376+0.1180i	-0.2112+0.7642i	41.8420+9.7795i	-1.1272+0.4301i	-0.3155+0.9265i	3.1235-1.3370i	-0.9685+0.1894i	-0.3289+0.6457i
15.8	-0.5038+0.1442i	0.0157+0.8837i	52.9938+10.2131i	-1.1682+0.5432i	-0.0209+1.1239i	2.8554-1.6473i	-1.0543+0.2456i	-0.1371+0.7808i
15.9	-0.5581+0.1828i	0.2600+0.9080i	65.0306+6.8601i	-1.1982+0.6609i	0.3074+1.1920i	2.6203-1.8236i	-1.1381+0.3252i	0.0774+0.8276i
16.0	-0.5954+0.2414i	0.5050+0.8102i	78.4328-1.6465i	-1.2155+0.7803i	0.6458+1.1058i	2.4987-1.8927i	-1.2171+0.4250i	0.2954+0.7715i
16.1	-0.6403+0.2765i	0.6732+0.6394i	90.1955-14.0246i	-1.2552+0.8784i	0.9172+0.9150i	2.4894-2.0057i	-1.3113+0.5248i	0.4668+0.6450i
16.2	-0.7420+0.2991i	0.7622+0.4273i	101.2718-29.5519i	-1.3554+0.9794i	1.1108+0.6640i	2.4949-2.1888i	-1.4545+0.6369i	0.5750+0.4776i
16.3	-0.8446+0.3698i	0.7595+0.2395i	107.4839-48.5920i	-1.4354+1.1401i	1.1948+0.3754i	2.4492-2.3789i	-1.5732+0.8094i	0.6028+0.2986i
16.4	-0.9508+0.5356i	0.6998+0.0687i	106.6087-77.3249i	-1.4958+1.4493i	1.1545+0.0880i	2.4215-2.6886i	-1.6669+1.1283i	0.5539+0.1435i
16.5	-1.0437+0.7245i	0.6372-0.0647i	97.4421-103.2782i	-1.4902+1.8111i	1.0820-0.0864i	2.3845-3.1147i	-1.6996+1.4683i	0.4975+0.0578i
16.6	-1.0159+0.9795i	0.5187-0.1894i	76.3847-125.3745i	-1.2071+2.1693i	1.0216-0.3172i	1.9810-3.6924i	-1.5278+1.8447i	0.4534-0.0481i
16.7	-1.0238+1.1650i	0.3920-0.2313i	57.0261-138.3688i	-1.0405+2.3208i	0.8654-0.4645i	1.3832-3.9562i	-1.4205+2.0809i	0.3614-0.0913i
16.8	-1.0155+1.4629i	0.2770-0.2326i	30.5428-148.9160i	-0.8700+2.5800i	0.6988-0.4869i	0.7072-4.0847i	-1.2527+2.4218i	0.2842-0.0643i
16.9	-0.8255+1.8321i	0.2085-0.2430i	-0.2013-153.7298i	-0.5097+2.8964i	0.5241-0.5694i	0.0593-4.0526i	-0.8724+2.7933i	0.2188-0.0935i
17.0	-0.3855+2.1181i	0.1001-0.2393i	-29.1053-140.3289i	0.0917+3.0472i	0.3756-0.5489i	-0.5516-3.6958i	-0.2709+2.9691i	0.1735-0.0779i
17.1	0.0349+2.1695i	0.0196-0.1494i	-42.5190-126.8491i	0.5824+2.9347i	0.3286-0.5649i	-0.9006-3.3421i	0.1922+2.9242i	0.1724-0.0897i
17.2	0.4414+2.2545i	0.0279-0.0975i	-62.7333-120.5854i	1.0228+2.9074i	0.1972-0.6195i	-1.3761-3.1223i	0.6639+2.9738i	0.1236-0.1168i
17.3	0.8732+2.0632i	0.0023-0.1299i	-76.3807-99.1079i	1.4680+2.6116i	0.0444-0.4909i	-1.6455-2.5998i	1.1541+2.6826i	0.0684-0.0630i
17.4	1.1232+1.6863i	-0.0683-0.0878i	-74.4732-78.2938i	1.7000+2.1248i	0.0632-0.3893i	-1.5998-2.0941i	1.3890+2.2222i	0.0935-0.0265i
17.5	1.2282+1.3924i	-0.0894-0.0005i	-72.0276-66.8856i	1.7762+1.7489i	0.0732-0.3774i	-1.5435-1.7963i	1.4816+1.8838i	0.1059-0.0368i
17.6	1.2403+1.0898i	-0.0393+0.0533i	-70.2101-56.6504i	1.7430+1.3763i	0.0201-0.3752i	-1.5036-1.5053i	1.5059+1.5502i	0.0822-0.0487i
17.7	1.2129+0.8847i	-0.0263+0.0713i	-68.0007-47.9172i	1.6846+1.1224i	-0.0002-0.3371i	-1.4568-1.2507i	1.4889+1.3048i	0.0762-0.0384i
17.8	1.1778+0.6973i	-0.0173+0.0940i	-65.7387-40.0567i	1.6216+0.8870i	-0.0265-0.3065i	-1.3882-1.0019i	1.4655+1.0744i	0.0677-0.0356i
17.9	1.1183+0.5431i	0.0122+0.1166i	-63.3272-33.7114i	1.5316+0.7010i	-0.0480-0.2837i	-1.2981-0.8212i	1.4107+0.8854i	0.0591-0.0345i
18.0	1.0509+0.4520i	0.0392+0.1131i	-60.4673-29.1045i	1.4311+0.5842i	-0.0605-0.2499i	-1.1870-0.6844i	1.3350+0.7551i	0.0515-0.0269i
18.1	0.9819+0.3837i	0.0534+0.0994i	-57.3822-25.3514i	1.3317+0.4990i	-0.0642-0.2177i	-1.0692-0.5783i	1.2521+0.6576i	0.0458-0.0186i
18.2	0.8939+0.3035i	0.0476+0.0918i	-53.4307-21.2358i	1.2155+0.3959i	-0.0583-0.1839i	-0.9563-0.4577i	1.1544+0.5413i	0.0483-0.0106i

18.3	0.8275+0.2575i	0.0446+0.0926i	-50.7420-18.8454i	1.1301+0.3402i	-0.0526-0.1659i	-0.8895-0.3879i	1.0826+0.4744i	0.0520-0.0069i
18.4	0.7721+0.2246i	0.0490+0.1052i	-48.5902-16.9670i	1.0524+0.2933i	-0.0497-0.1596i	-0.8055-0.2957i	1.0175+0.4211i	0.0550-0.0080i
18.5	0.6958+0.2062i	0.0721+0.1238i	-46.0033-15.2057i	0.9402+0.2598i	-0.0487-0.1548i	-0.6488-0.1785i	0.9246+0.3746i	0.0556-0.0154i
18.6	0.6493+0.2026i	0.1211+0.1009i	-44.1315-13.4575i	0.8585+0.2723i	-0.0615-0.1418i	-0.4422-0.2259i	0.8508+0.3572i	0.0375-0.0247i
18.7	0.6219+0.2002i	0.1229+0.0628i	-42.1854-12.2337i	0.8268+0.2823i	-0.0576-0.1229i	-0.3829-0.3110i	0.8063+0.3520i	0.0280-0.0200i
18.8	0.5799+0.1860i	0.1005+0.0430i	-39.8431-10.9711i	0.7807+0.2615i	-0.0434-0.1053i	-0.3859-0.3180i	0.7521+0.3293i	0.0308-0.0099i
18.9	0.5395+0.1736i	0.0919+0.0376i	-38.1746-10.1505i	0.7314+0.2453i	-0.0384-0.0997i	-0.3814-0.3048i	0.7062+0.3121i	0.0296-0.0071i
19.0	0.5043+0.1727i	0.0874+0.0314i	-36.9748-9.5142i	0.6906+0.2421i	-0.0384-0.0955i	-0.3672-0.2915i	0.6688+0.3083i	0.0270-0.0046i
19.1	0.4706+0.1828i	0.0780+0.0294i	-35.5723-8.8317i	0.6483+0.2477i	-0.0312-0.0851i	-0.3379-0.2760i	0.6256+0.3099i	0.0260+0.0014i
19.2	0.4325+0.1884i	0.0660+0.0320i	-34.2530-8.1582i	0.6010+0.2510i	-0.0251-0.0779i	-0.3123-0.2627i	0.5816+0.3062i	0.0264+0.0004i
19.3	0.3988+0.1980i	0.0642+0.0318i	-32.9673-7.6895i	0.5575+0.2579i	-0.0180-0.0719i	-0.2790-0.2467i	0.5380+0.3078i	0.0229+0.0014i
19.4	0.3723+0.2110i	0.0607+0.0304i	-31.7882-7.2586i	0.5225+0.2721i	-0.0179-0.0704i	-0.2471-0.2431i	0.5022+0.3179i	0.0176+0.0005i
19.5	0.3591+0.2355i	0.0598+0.0322i	-30.9248-7.1107i	0.5025+0.2981i	-0.0149-0.0698i	-0.2302-0.2473i	0.4824+0.3416i	0.0173+0.0029i
19.6	0.3325+0.2643i	0.0543+0.0332i	-29.9585-6.9155i	0.4706+0.3265i	-0.0065-0.0673i	-0.2076-0.2526i	0.4472+0.3683i	0.0153+0.0063i
19.7	0.3194+0.2878i	0.0498+0.0330i	-29.1050-6.8402i	0.4531+0.3510i	-0.0024-0.0667i	-0.1936-0.2611i	0.4275+0.3918i	0.0123+0.0101i
19.8	0.3122+0.3193i	0.0450+0.0327i	-28.2229-6.7894i	0.4408+0.3850i	0.0007-0.0681i	-0.1799-0.2687i	0.4131+0.4248i	0.0092+0.0154i
19.9	0.3066+0.3543i	0.0434+0.0348i	-27.5431-6.6655i	0.4322+0.4229i	0.0048-0.0750i	-0.1758-0.2747i	0.4038+0.4628i	0.0089+0.0190i
20.0	0.3079+0.3854i	0.0402+0.0322i	-27.1550-6.4870i	0.4331+0.4597i	0.0092-0.0676i	-0.1775-0.2845i	0.4054+0.4962i	0.0094+0.0258i
20.1	0.3257+0.4259i	0.0429+0.0350i	-26.5604-6.3991i	0.4503+0.4998i	0.0075-0.0813i	-0.1875-0.2827i	0.4239+0.5417i	0.0147+0.0262i
20.2	0.3476+0.4583i	0.0425+0.0356i	-26.0739-6.3003i	0.4714+0.5334i	0.0039-0.0881i	-0.1981-0.2922i	0.4464+0.5786i	0.0183+0.0304i
20.3	0.3768+0.4844i	0.0358+0.0276i	-25.7836-6.3687i	0.5039+0.5644i	0.0026-0.0798i	-0.2116-0.3096i	0.4805+0.6086i	0.0209+0.0365i
20.4	0.4130+0.5091i	0.0250+0.0245i	-25.4142-6.3428i	0.5463+0.5869i	0.0050-0.0829i	-0.2393-0.3098i	0.5251+0.6323i	0.0269+0.0356i
20.5	0.4455+0.5219i	0.0176+0.0277i	-25.1427-6.2513i	0.5818+0.5975i	0.0023-0.0916i	-0.2648-0.3056i	0.5618+0.6465i	0.0286+0.0340i
20.6	0.4873+0.5165i	0.0132+0.0277i	-24.9697-6.0365i	0.6270+0.5896i	-0.0045-0.0847i	-0.3131-0.2695i	0.6131+0.6343i	0.0305+0.0262i
20.7	0.5236+0.5097i	0.0053+0.0309i	-24.7907-5.8906i	0.6685+0.5790i	-0.0072-0.0785i	-0.3512-0.2270i	0.6599+0.6177i	0.0314+0.0222i
20.8	0.5572+0.4988i	-0.0050+0.0383i	-24.6887-5.7162i	0.7080+0.5588i	0.0008-0.0748i	-0.3720-0.1785i	0.6986+0.5959i	0.0264+0.0247i
20.9	0.5903+0.4828i	-0.0115+0.0498i	-24.5728-5.3126i	0.7496+0.5297i	0.0064-0.0790i	-0.4060-0.1259i	0.7383+0.5647i	0.0252+0.0277i
21.0	0.6189+0.4548i	-0.0139+0.0619i	-24.1910-4.8772i	0.7794+0.4857i	0.0014-0.0823i	-0.4220-0.0416i	0.7713+0.5191i	0.0271+0.0297i
21.1	0.6328+0.4415i	-0.0177+0.0693i	-24.0277-4.7487i	0.7916+0.4644i	-0.0005-0.0824i	-0.4243-0.0021i	0.7823+0.4972i	0.0267+0.0340i
21.2	0.6396+0.4186i	-0.0198+0.0798i	-23.6716-4.3968i	0.7954+0.4305i	0.0029-0.0794i	-0.4190+0.0759i	0.7860+0.4597i	0.0284+0.0367i
21.3	0.6452+0.4010i	-0.0246+0.0914i	-23.4261-4.1223i	0.8008+0.4011i	0.0066-0.0775i	-0.4100+0.1611i	0.7901+0.4261i	0.0272+0.0343i
21.4	0.6602+0.3821i	-0.0128+0.1063i	-23.0643-3.8362i	0.7995+0.3663i	-0.0065-0.0809i	-0.3726+0.2654i	0.7964+0.3887i	0.0341+0.0313i
21.5	0.6757+0.3651i	-0.0049+0.1252i	-22.7829-3.4683i	0.8035+0.3340i	-0.0089-0.0888i	-0.3185+0.3466i	0.8010+0.3575i	0.0392+0.0387i
21.6	0.6811+0.3465i	0.0024+0.1328i	-22.4565-3.2500i	0.8012+0.3088i	-0.0069-0.0823i	-0.2669+0.4139i	0.7961+0.3267i	0.0412+0.0355i
21.7	0.6850+0.3433i	0.0087+0.1394i	-22.1612-3.0712i	0.7994+0.2971i	-0.0001-0.0787i	-0.2102+0.4745i	0.7916+0.3123i	0.0435+0.0375i
21.8	0.6942+0.3301i	0.0241+0.1501i	-21.8104-2.8659i	0.7932+0.2732i	0.0013-0.0782i	-0.0930+0.5284i	0.7836+0.2875i	0.0415+0.0428i
21.9	0.7057+0.3084i	0.0460+0.1468i	-21.4151-2.7543i	0.7841+0.2508i	0.0077-0.0720i	0.0275+0.5505i	0.7694+0.2624i	0.0543+0.0346i
22.0	0.7149+0.2933i	0.0684+0.1466i	-21.0517-2.6914i	0.7745+0.2338i	-0.0004-0.0809i	0.1305+0.5504i	0.7634+0.2464i	0.0573+0.0260i
22.1	0.7185+0.2815i	0.0817+0.1515i	-20.7567-2.6339i	0.7641+0.2199i	-0.0020-0.0873i	0.2251+0.5360i	0.7512+0.2361i	0.0596+0.0273i
22.2	0.7208+0.2641i	0.0955+0.1424i	-20.4539-2.5570i	0.7524+0.2082i	-0.0011-0.0800i	0.3102+0.4931i	0.7382+0.2214i	0.0641+0.0286i
22.3	0.7223+0.2504i	0.1074+0.1355i	-20.1879-2.4086i	0.7438+0.1994i	-0.0013-0.0844i	0.3681+0.4551i	0.7293+0.2109i	0.0648+0.0293i
22.4	0.7267+0.2257i	0.1208+0.1134i	-19.8962-2.3511i	0.7367+0.1877i	0.0001-0.0728i	0.4458+0.3940i	0.7197+0.1950i	0.0632+0.0218i
22.5	0.7239+0.2126i	0.1179+0.0988i	-19.6820-2.3995i	0.7326+0.1826i	0.0086-0.0712i	0.4762+0.3373i	0.7120+0.1894i	0.0611+0.0172i
22.6	0.7193+0.1948i	0.1175+0.0854i	-19.4633-2.3654i	0.7241+0.1712i	0.0201-0.0675i	0.5044+0.2825i	0.6990+0.1771i	0.0635+0.0143i
22.7	0.7154+0.1815i	0.1169+0.0734i	-19.2533-2.3082i	0.7139+0.1617i	0.0395-0.0691i	0.5325+0.2358i	0.6854+0.1672i	0.0724+0.0109i
22.8	0.7081+0.1747i	0.1100+0.0728i	-19.0805-2.2555i	0.7077+0.1527i	0.0491-0.0843i	0.5312+0.2009i	0.6770+0.1641i	0.0702+0.0113i
22.9	0.6979+0.1645i	0.0960+0.0688i	-18.9267-2.2150i	0.7030+0.1448i	0.0756-0.1168i	0.5172+0.1606i	0.6663+0.1636i	0.0744-0.0015i
23.0	0.6951+0.1553i	0.0921+0.0745i	-18.7694-2.0793i	0.6974+0.1330i	0.0811-0.1540i	0.5173+0.1549i	0.6582+0.1579i	0.0740-0.0149i
23.1	0.6943+0.1514i	0.0992+0.0789i	-18.5649-1.9685i	0.6900+0.1205i	0.0615-0.1971i	0.5348+0.1560i	0.6542+0.1561i	0.0687-0.0279i
23.2	0.6932+0.1435i	0.1050+0.0781i	-18.3648-1.9186i	0.6804+0.1111i	0.0312-0.2122i	0.5597+0.1432i	0.6500+0.1502i	0.0554-0.0344i
23.3	0.6899+0.1395i	0.1136+0.0807i	-18.0772-1.9237i	0.6643+0.1043i	-0.0036-0.2274i	0.5861+0.1225i	0.6400+0.1480i	0.0456-0.0382i
23.4	0.6881+0.1366i	0.1212+0.0787i	-17.9207-1.8924i	0.6519+0.1027i	-0.0315-0.2369i	0.6029+0.1022i	0.6353+0.1476i	0.0374-0.0415i
23.5	0.6877+0.1298i	0.1238+0.0653i	-17.7877-1.8083i	0.6429+0.1039i	-0.0512-0.2173i	0.6193+0.0694i	0.6339+0.1441i	0.0297-0.0367i
23.6	0.6849+0.1244i	0.1215+0.0609i	-17.5826-1.7788i	0.6347+0.1034i	-0.0596-0.2157i	0.6233+0.0455i	0.6284+0.1420i	0.0275-0.0335i
23.7	0.6884+0.1230i	0.1460+0.0528i	-17.4182-1.8378i	0.6216+0.1110i	-0.1080-0.1991i	0.6564+0.0217i	0.6227+0.1436i	0.0142-0.0273i
23.8	0.6900+0.1175i	0.1525+0.0435i	-17.3463-1.8863i	0.6199+0.1159i	-0.1270-0.1727i	0.6460+0.0044i	0.6208+0.1410i	0.0089-0.0251i
23.9	0.6910+0.1107i	0.1499+0.0335i	-17.1520-1.8103i	0.6166+0.1153i	-0.1446-0.1564i	0.6326-0.0353i	0.6191+0.1389i	0.0040-0.0114i
24.0	0.6930+0.1086i	0.1547+0.0219i	-17.0060-1.8006i	0.6133+0.1186i	-0.1542-0.1479i	0.6419-0.0577i	0.6171+0.1404i	0.0001-0.0088i
24.1	0.6922+0.1018i	0.1455+0.0109i	-16.8088-1.8625i	0.6132+0.1181i	-0.1614-0.1273i	0.6335-0.0787i	0.6163+0.1389i	-0.0044-0.0023i
24.2	0.6944+0.1009i	0.1511+0.0057i	-16.7109-1.8630i	0.6078+0.1186i	-0.1736-0.1054i	0.6431-0.0680i	0.6144+0.1361i	-0.0053+0.0043i
24.3	0.6998+0.0930i	0.1506-0.0127i	-16.6522-1.8362i	0.6082+0.1241i	-0.1709-0.0839i	0.6549-0.0911i	0.6147+0.1341i	-0.0016+0.0077i
24.4	0.7049+0.0810i	0.1484-0.0331i	-16.5440-1.7899i	0.6069+0.1253i	-0.1639-0.0700i	0.6791-0.1311i	0.6138+0.1356i	0.0051+0.0092i
24.5	0.7046+0.0821i	0.1449-0.0349i	-16.4104-1.8142i	0.6016+0.1234i	-0.1575-0.0629i	0.6907-0.1268i	0.6101+0.1341i	0.0085+0.0118i

24.6	0.7050+0.0774i	0.1350-0.0388i	-16.2639-1.8374i	0.5974+0.1230i	-0.1523-0.0535i	0.7021-0.1477i	0.6079+0.1310i	0.0116+0.0147i
24.7	0.7031+0.0697i	0.1260-0.0500i	-16.1838-1.7504i	0.5976+0.1228i	-0.1453-0.0510i	0.7186-0.1804i	0.6063+0.1302i	0.0062+0.0101i
24.8	0.7027+0.0585i	0.1118-0.0681i	-16.0524-1.7813i	0.5995+0.1275i	-0.1368-0.0465i	0.7114-0.2487i	0.6046+0.1307i	0.0081+0.0077i
24.9	0.7019+0.0518i	0.0999-0.0709i	-15.9704-1.8462i	0.6000+0.1324i	-0.1320-0.0406i	0.7004-0.2892i	0.6031+0.1318i	0.0080+0.0080i
25.0	0.7011+0.0454i	0.0903-0.0748i	-15.8745-1.8339i	0.5963+0.1357i	-0.1349-0.0360i	0.6828-0.3340i	0.6036+0.1306i	0.0089+0.0118i
25.1	0.7018+0.0413i	0.0828-0.0777i	-15.7306-1.8670i	0.5989+0.1375i	-0.1344-0.0324i	0.6675-0.3672i	0.6052+0.1316i	0.0114+0.0149i
25.2	0.7011+0.0347i	0.0681-0.0838i	-15.6978-1.9366i	0.6065+0.1420i	-0.1302-0.0287i	0.6222-0.4066i	0.6082+0.1335i	0.0124+0.0098i
25.3	0.6996+0.0303i	0.0611-0.0831i	-15.6569-1.9480i	0.6094+0.1451i	-0.1291-0.0285i	0.5861-0.4234i	0.6108+0.1335i	0.0102+0.0056i
25.4	0.6994+0.0266i	0.0460-0.0812i	-15.6073-1.9543i	0.6144+0.1410i	-0.1282-0.0268i	0.5314-0.4354i	0.6143+0.1310i	0.0114+0.0092i
25.5	0.6992+0.0250i	0.0323-0.0788i	-15.5537-2.0017i	0.6162+0.1437i	-0.1311-0.0251i	0.4938-0.4472i	0.6155+0.1309i	0.0093+0.0085i
25.6	0.6950+0.0276i	0.0238-0.0712i	-15.5026-1.9714i	0.6203+0.1437i	-0.1308-0.0223i	0.4534-0.4299i	0.6164+0.1317i	0.0041+0.0095i
25.7	0.6931+0.0270i	0.0090-0.0667i	-15.4731-1.9703i	0.6296+0.1435i	-0.1305-0.0154i	0.4045-0.4104i	0.6214+0.1293i	-0.0002+0.0128i
25.8	0.6973+0.0269i	0.0012-0.0568i	-15.3886-1.9479i	0.6339+0.1415i	-0.1304-0.0114i	0.3860-0.3809i	0.6251+0.1246i	-0.0023+0.0125i
25.9	0.7020+0.0254i	-0.0055-0.0487i	-15.3250-1.9385i	0.6351+0.1372i	-0.1308-0.0081i	0.3638-0.3460i	0.6277+0.1188i	-0.0021+0.0097i
26.0	0.7058+0.0173i	-0.0048-0.0443i	-15.2668-1.9447i	0.6348+0.1356i	-0.1365-0.0006i	0.3497-0.3400i	0.6281+0.1173i	-0.0047+0.0133i
26.1	0.7125+0.0089i	-0.0061-0.0377i	-15.2512-1.9951i	0.6384+0.1371i	-0.1422+0.0072i	0.3363-0.3427i	0.6296+0.1173i	-0.0090+0.0128i
26.2	0.7175+0.0044i	-0.0097-0.0243i	-15.2588-2.0762i	0.6474+0.1364i	-0.1437+0.0101i	0.2958-0.3337i	0.6350+0.1160i	-0.0123+0.0151i
26.3	0.7180-0.0065i	-0.0109-0.0170i	-15.2868-2.0978i	0.6569+0.1355i	-0.1515+0.0242i	0.2314-0.2999i	0.6386+0.1101i	-0.0197+0.0148i
26.4	0.7054-0.0181i	-0.0034-0.0053i	-15.4054-2.0177i	0.6622+0.1276i	-0.1491+0.0569i	0.1738-0.1993i	0.6389+0.0990i	-0.0297+0.0208i
26.5	0.6946-0.0153i	0.0001+0.0001i	-15.4617-1.9435i	0.6650+0.1203i	-0.1318+0.0699i	0.1787-0.1276i	0.6338+0.0957i	-0.0389+0.0327i
26.6	0.6848-0.0023i	0.0085+0.0041i	-15.5183-1.8255i	0.6665+0.1102i	-0.1104+0.0790i	0.2090-0.0259i	0.6288+0.0937i	-0.0470+0.0579i
26.7	0.6803+0.0126i	0.0153+0.0093i	-15.5088-1.6707i	0.6646+0.1049i	-0.0945+0.0861i	0.2644+0.0764i	0.6255+0.0928i	-0.0509+0.0756i
26.8	0.6892+0.0203i	0.0252+0.0054i	-15.4518-1.5003i	0.6599+0.1026i	-0.0826+0.0894i	0.3487+0.1257i	0.6225+0.0950i	-0.0445+0.0925i
26.9	0.6994+0.0301i	0.0310-0.0003i	-15.3435-1.3318i	0.6578+0.1034i	-0.0660+0.0928i	0.4437+0.1263i	0.6209+0.1018i	-0.0353+0.1199i
27.0	0.7144+0.0356i	0.0334-0.0022i	-15.2658-1.2903i	0.6583+0.1044i	-0.0558+0.0927i	0.5104+0.1257i	0.6244+0.1061i	-0.0189+0.1317i
27.1	0.7314+0.0400i	0.0406-0.0050i	-15.2181-1.2046i	0.6615+0.1042i	-0.0359+0.0929i	0.5697+0.1183i	0.6286+0.1118i	0.0021+0.1546i
27.2	0.7447+0.0379i	0.0478-0.0172i	-15.1174-1.0904i	0.6646+0.1045i	-0.0137+0.0952i	0.6190+0.1067i	0.6324+0.1186i	0.0285+0.1703i
27.3	0.7588+0.0338i	0.0456-0.0293i	-14.9382-0.9062i	0.6681+0.1027i	0.0200+0.0918i	0.6596+0.0995i	0.6424+0.1227i	0.0722+0.1825i
27.4	0.7683+0.0318i	0.0362-0.0316i	-14.8261-0.8133i	0.6696+0.0976i	0.0492+0.0755i	0.6936+0.1144i	0.6514+0.1215i	0.1158+0.1743i
27.5	0.7800+0.0280i	0.0324-0.0286i	-14.7098-0.8016i	0.6661+0.0979i	0.0669+0.0496i	0.7532+0.1214i	0.6545+0.1198i	0.1427+0.1550i
27.6	0.7929+0.0217i	0.0382-0.0270i	-14.5173-0.6326i	0.6624+0.0993i	0.0791+0.0156i	0.8240+0.1118i	0.6608+0.1208i	0.1691+0.1308i
27.7	0.8059+0.0066i	0.0407-0.0318i	-14.3062-0.4048i	0.6650+0.1000i	0.0822-0.0270i	0.8925+0.0770i	0.6704+0.1191i	0.1943+0.0963i
27.8	0.8156-0.0034i	0.0432-0.0369i	-13.9524-0.3195i	0.6632+0.1019i	0.0655-0.0727i	0.9578+0.0517i	0.6806+0.1195i	0.2081+0.0605i
27.9	0.8166-0.0100i	0.0418-0.0406i	-13.5955-0.3169i	0.6591+0.1050i	0.0379-0.1000i	1.0075+0.0239i	0.6882+0.1160i	0.2054+0.0278i
28.0	0.8203-0.0122i	0.0435-0.0417i	-13.2456-0.4194i	0.6526+0.1137i	0.0025-0.1083i	1.0827-0.0165i	0.6941+0.1102i	0.1978+0.0012i
28.1	0.8235-0.0105i	0.0462-0.0446i	-12.9326-0.6651i	0.6526+0.1322i	-0.0282-0.0997i	1.1256-0.0934i	0.6968+0.1097i	0.1839-0.0140i
28.2	0.8331-0.0038i	0.0488-0.0479i	-12.6734-0.9164i	0.6659+0.1553i	-0.0514-0.0904i	1.1528-0.1528i	0.7030+0.1101i	0.1671-0.0329i
28.3	0.8510-0.0066i	0.0519-0.0653i	-12.4929-1.2946i	0.6894+0.1640i	-0.0663-0.0744i	1.1818-0.2217i	0.7122+0.1056i	0.1469-0.0528i
28.4	0.8696-0.0179i	0.0490-0.0774i	-12.4822-1.5686i	0.7039+0.1576i	-0.0743-0.0585i	1.2001-0.2896i	0.7173+0.1012i	0.1330-0.0491i
28.5	0.8885-0.0229i	0.0446-0.0847i	-12.4644-1.7306i	0.7176+0.1574i	-0.0744-0.0465i	1.2327-0.3240i	0.7241+0.0942i	0.1272-0.0504i
28.6	0.9059-0.0323i	0.0386-0.0959i	-12.4910-1.9310i	0.7314+0.1562i	-0.0692-0.0351i	1.2566-0.3814i	0.7298+0.0895i	0.1225-0.0529i
28.7	0.9240-0.0432i	0.0284-0.1120i	-12.4908-2.1773i	0.7470+0.1596i	-0.0641-0.0262i	1.2830-0.4656i	0.7353+0.0891i	0.1120-0.0557i
28.8	0.9403-0.0577i	0.0180-0.1210i	-12.5614-2.3199i	0.7615+0.1553i	-0.0578-0.0224i	1.2926-0.5342i	0.7435+0.0873i	0.1084-0.0553i
28.9	0.9544-0.0762i	0.0048-0.1286i	-12.6217-2.4167i	0.7748+0.1521i	-0.0506-0.0224i	1.2968-0.6042i	0.7508+0.0828i	0.1047-0.0573i
29.0	0.9661-0.0974i	-0.0100-0.1366i	-12.6428-2.5853i	0.7882+0.1483i	-0.0416-0.0245i	1.2946-0.6791i	0.7560+0.0785i	0.0977-0.0659i
29.1	0.9807-0.1169i	-0.0284-0.1389i	-12.6410-2.7536i	0.7983+0.1456i	-0.0352-0.0272i	1.2971-0.7634i	0.7642+0.0774i	0.0949-0.0680i
29.2	0.9886-0.1344i	-0.0486-0.1346i	-12.7287-2.7946i	0.8126+0.1412i	-0.0341-0.0348i	1.2727-0.8319i	0.7727+0.0770i	0.0906-0.0674i
29.3	0.9969-0.1558i	-0.0616-0.1284i	-12.7801-2.8554i	0.8301+0.1334i	-0.0333-0.0433i	1.2635-0.9070i	0.7825+0.0756i	0.0852-0.0657i
29.4	1.0052-0.1774i	-0.0667-0.1267i	-12.8216-3.0199i	0.8405+0.1281i	-0.0328-0.0535i	1.2621-0.9873i	0.7920+0.0736i	0.0836-0.0744i
29.5	1.0053-0.2073i	-0.0899-0.1243i	-12.9994-3.1906i	0.8569+0.1215i	-0.0380-0.0667i	1.1995-1.0979i	0.8044+0.0642i	0.0731-0.0842i
29.6	1.0022-0.2285i	-0.1082-0.1110i	-13.1210-3.1812i	0.8717+0.1111i	-0.0415-0.0796i	1.1228-1.1582i	0.8161+0.0561i	0.0641-0.0865i
29.7	0.9996-0.2461i	-0.1220-0.0943i	-13.1787-3.2916i	0.8832+0.1034i	-0.0479-0.0854i	1.0814-1.1871i	0.8256+0.0463i	0.0557-0.0951i
29.8	1.0019-0.2660i	-0.1290-0.0697i	-13.2835-3.3380i	0.8922+0.0902i	-0.0596-0.0934i	1.0511-1.2334i	0.8367+0.0376i	0.0502-0.0952i
29.9	1.0111-0.2847i	-0.1074-0.0400i	-13.3398-3.3510i	0.9013+0.0787i	-0.0825-0.1077i	1.0356-1.2975i	0.8481+0.0313i	0.0406-0.0913i
30.0	1.0048-0.3078i	-0.0886-0.0284i	-13.3948-3.3537i	0.8983+0.0655i	-0.1093-0.1015i	1.0102-1.3528i	0.8497+0.0190i	0.0233-0.0846i
30.1	0.9945-0.3395i	-0.0778-0.0297i	-13.5605-3.4013i	0.8964+0.0553i	-0.1288-0.0845i	0.9867-1.4543i	0.8467+0.0025i	0.0036-0.0754i
30.2	0.9819-0.3629i	-0.0661-0.0418i	-13.6181-3.3717i	0.8944+0.0542i	-0.1380-0.0584i	0.9446-1.5713i	0.8397-0.0091i	-0.0091-0.0556i
30.3	0.9602-0.3813i	-0.0584-0.0580i	-13.6350-3.2990i	0.8983+0.0626i	-0.1212-0.0349i	0.8410-1.7109i	0.8321-0.0112i	0.0034-0.0320i
30.4	0.9329-0.3950i	-0.0635-0.0735i	-13.7242-3.3796i	0.9163+0.0716i	-0.0850-0.0315i	0.6277-1.8505i	0.8317+0.0029i	0.0407-0.0160i
30.5	0.9117-0.4007i	-0.0847-0.0852i	-13.8622-3.4644i	0.9398+0.0703i	-0.0735-0.0602i	0.3927-1.8794i	0.8475+0.0126i	0.0595-0.0452i
30.6	0.8953-0.3898i	-0.1002-0.0832i	-13.9755-3.4453i	0.9670+0.0621i	-0.0922-0.0914i	0.1939-1.7915i	0.8704+0.0146i	0.0514-0.0787i
30.7	0.8821-0.3792i	-0.1124-0.0728i	-14.0542-3.3931i	0.9849+0.0485i	-0.1218-0.0984i	0.0717-1.6722i	0.8835+0.0070i	0.0188-0.0876i
30.8	0.8777-0.3745i	-0.1225-0.0562i	-14.1047-3.4438i	0.9997+0.0323i	-0.1470-0.0940i	-0.0137-1.5990i	0.8959-0.0008i	-0.0097-0.0822i

30.9	0.8740-0.3690i	-0.1078-0.0445i	-14.1666-3.3844i	1.0061+0.0107i	-0.1714-0.0810i	-0.0749-1.5236i	0.9054-0.0112i	-0.0235-0.0610i
31.0	0.8699-0.3653i	-0.1086-0.0461i	-14.3032-3.3221i	1.0168-0.0052i	-0.1856-0.0657i	-0.1378-1.4850i	0.9129-0.0151i	-0.0376-0.0356i
31.1	0.8612-0.3593i	-0.1149-0.0392i	-14.3340-3.2242i	1.0164-0.0167i	-0.1868-0.0521i	-0.2095-1.4381i	0.9200-0.0233i	-0.0262-0.0177i
31.2	0.8574-0.3487i	-0.1033-0.0272i	-14.3613-3.1202i	1.0166-0.0291i	-0.1920-0.0403i	-0.2829-1.3661i	0.9304-0.0279i	-0.0107+0.0036i
31.3	0.8576-0.3321i	-0.0893-0.0199i	-14.3900-3.0386i	1.0201-0.0384i	-0.1960-0.0262i	-0.3479-1.2765i	0.9401-0.0282i	0.0020+0.0253i
31.4	0.8688-0.3154i	-0.0702-0.0201i	-14.4535-2.9923i	1.0285-0.0422i	-0.2011-0.0129i	-0.3927-1.1890i	0.9555-0.0290i	0.0151+0.0388i
31.5	0.8793-0.3034i	-0.0617-0.0255i	-14.4828-2.9767i	1.0348-0.0401i	-0.2017-0.0051i	-0.4153-1.1182i	0.9658-0.0356i	0.0244+0.0280i
31.6	0.8946-0.2912i	-0.0589-0.0299i	-14.4787-2.8632i	1.0498-0.0458i	-0.2048+0.0072i	-0.4513-1.0364i	0.9788-0.0379i	0.0250+0.0375i
31.7	0.9079-0.2852i	-0.0496-0.0279i	-14.4872-2.8163i	1.0585-0.0564i	-0.2107+0.0249i	-0.4803-0.9683i	0.9927-0.0371i	0.0359+0.0666i
31.8	0.9232-0.2758i	-0.0308-0.0294i	-14.5246-2.7516i	1.0688-0.0665i	-0.2061+0.0377i	-0.4993-0.8747i	1.0104-0.0411i	0.0599+0.0779i
31.9	0.9478-0.2709i	-0.0099-0.0496i	-14.5142-2.6226i	1.0748-0.0724i	-0.2000+0.0493i	-0.5104-0.7988i	1.0304-0.0513i	0.1005+0.0718i
32.0	0.9678-0.2658i	-0.0093-0.0751i	-14.4719-2.5667i	1.0829-0.0681i	-0.1965+0.0552i	-0.5104-0.7257i	1.0448-0.0601i	0.1149+0.0442i
32.1	0.9865-0.2620i	-0.0128-0.0984i	-14.4475-2.4887i	1.0898-0.0684i	-0.1911+0.0659i	-0.5014-0.6333i	1.0631-0.0661i	0.1305+0.0304i
32.2	1.0087-0.2657i	-0.0020-0.1327i	-14.4537-2.3952i	1.0962-0.0775i	-0.1900+0.0767i	-0.4915-0.5448i	1.0897-0.0754i	0.1733+0.0263i
32.3	1.0491-0.2614i	0.0163-0.1811i	-14.4526-2.2990i	1.1201-0.0816i	-0.1912+0.0920i	-0.4516-0.4348i	1.1206-0.0816i	0.2035+0.0236i
32.4	1.0798-0.2542i	0.0129-0.2072i	-14.3737-2.2272i	1.1460-0.0799i	-0.1897+0.1018i	-0.4031-0.3386i	1.1392-0.0840i	0.1946+0.0148i
32.5	1.1116-0.2635i	-0.0121-0.2622i	-14.2747-2.1319i	1.1580-0.0715i	-0.1739+0.1071i	-0.3328-0.2718i	1.1764-0.1102i	0.2472-0.0591i
32.6	1.1475-0.2692i	-0.0442-0.3018i	-14.1602-2.0398i	1.1806-0.0679i	-0.1647+0.1156i	-0.2496-0.2062i	1.2094-0.1298i	0.2630-0.1041i
32.7	1.1855-0.2735i	-0.0735-0.3339i	-14.0358-1.9151i	1.2150-0.0700i	-0.1596+0.1278i	-0.1807-0.1245i	1.2371-0.1475i	0.2496-0.1335i
32.8	1.2176-0.2934i	-0.1213-0.3590i	-13.8738-1.8894i	1.2545-0.0796i	-0.1630+0.1351i	-0.1210-0.0940i	1.2499-0.1801i	0.1835-0.1809i
32.9	1.2441-0.3176i	-0.1841-0.3965i	-13.6973-1.7631i	1.2912-0.0883i	-0.1592+0.1385i	-0.0618-0.0770i	1.2620-0.2176i	0.1262-0.2466i
33.0	1.2843-0.3322i	-0.2545-0.4210i	-13.4026-1.7527i	1.3298-0.1048i	-0.1380+0.1574i	0.0779-0.0223i	1.2820-0.2402i	0.0817-0.2425i
33.1	1.3331-0.3355i	-0.3345-0.4252i	-13.1140-1.7678i	1.3808-0.1144i	-0.1189+0.1735i	0.2119+0.0545i	1.3028-0.2622i	0.0181-0.2408i
33.2	1.3812-0.3564i	-0.4359-0.4030i	-12.7933-1.9404i	1.4304-0.1410i	-0.0937+0.1888i	0.3663+0.0532i	1.3252-0.2791i	-0.0269-0.1943i
33.3	1.4354-0.3913i	-0.5276-0.3609i	-12.4564-2.2025i	1.4692-0.1790i	-0.0542+0.1838i	0.5726-0.0190i	1.3602-0.3076i	-0.0207-0.1637i
33.4	1.5075-0.4708i	-0.5892-0.2858i	-12.1828-2.6392i	1.5051-0.2356i	-0.0035+0.1472i	0.8144-0.2497i	1.4125-0.3596i	0.0593-0.1568i
33.5	1.5309-0.5198i	-0.5995-0.2116i	-12.2011-3.0074i	1.5194-0.2902i	0.0100+0.1222i	0.8654-0.3797i	1.4296-0.3923i	0.0934-0.1216i
33.6	1.5314-0.5744i	-0.5909-0.1279i	-12.3870-3.3914i	1.5202-0.3369i	0.0048+0.0895i	0.8232-0.5326i	1.4253-0.4387i	0.0991-0.1324i
33.7	1.5414-0.6561i	-0.5746-0.0666i	-12.4625-3.6524i	1.5236-0.3750i	-0.0094+0.0443i	0.7920-0.8018i	1.4351-0.4979i	0.1129-0.1995i
33.8	1.5585-0.7360i	-0.5675-0.0306i	-12.5920-4.0386i	1.5326-0.4082i	-0.0243+0.0062i	0.7790-1.0688i	1.4541-0.5546i	0.1351-0.2629i
33.9	1.5460-0.7630i	-0.5458+0.0237i	-12.9041-4.2256i	1.5405-0.4346i	-0.0526-0.0025i	0.6370-1.1436i	1.4372-0.5752i	0.0841-0.2530i
34.0	1.5687-0.7945i	-0.4827+0.0367i	-13.1659-4.2296i	1.5616-0.4619i	-0.0856-0.0086i	0.5195-1.1867i	1.4622-0.5917i	0.0954-0.2448i
34.1	1.5430-0.8227i	-0.4646+0.0362i	-13.3719-4.1992i	1.5796-0.4845i	-0.1239+0.0000i	0.2849-1.1890i	1.4562-0.6205i	0.0404-0.2498i
34.2	1.5414-0.8457i	-0.4582+0.0358i	-13.5104-4.1371i	1.5879-0.5106i	-0.1385+0.0184i	0.1690-1.1535i	1.4683-0.6529i	0.0347-0.2444i
34.3	1.5618-0.8819i	-0.4557+0.0129i	-13.5317-4.1436i	1.6076-0.5351i	-0.1491+0.0367i	0.1346-1.1550i	1.5003-0.7009i	0.0537-0.2778i
34.4	1.6102-0.9128i	-0.4522-0.0022i	-13.5903-4.0121i	1.6350-0.5604i	-0.1427+0.0463i	0.2113-1.1339i	1.5394-0.7453i	0.0958-0.3011i
34.5	1.6202-0.9420i	-0.4630+0.0014i	-13.5835-3.9766i	1.6623-0.5929i	-0.1515+0.0599i	0.1146-1.0999i	1.5449-0.7952i	0.0641-0.3182i
34.6	1.6233-0.9877i	-0.4827+0.0133i	-13.5657-4.0349i	1.6895-0.6223i	-0.1589+0.0735i	-0.0050-1.1327i	1.5398-0.8597i	0.0214-0.3618i
34.7	1.6319-1.0266i	-0.5050+0.0212i	-13.6298-4.1339i	1.7234-0.6481i	-0.1662+0.0846i	-0.1298-1.1574i	1.5371-0.9115i	-0.0239-0.3896i
34.8	1.6611-1.0823i	-0.5120+0.0154i	-13.5784-4.1179i	1.7719-0.6899i	-0.1693+0.0928i	-0.2113-1.1535i	1.5358-0.9840i	-0.0659-0.4304i
34.9	1.6832-1.1416i	-0.5337+0.0127i	-13.5200-4.1287i	1.8089-0.7248i	-0.1693+0.0984i	-0.2702-1.2019i	1.5294-1.0431i	-0.1124-0.4699i
35.0	1.6947-1.1810i	-0.5526+0.0256i	-13.5128-4.1954i	1.8490-0.7861i	-0.1671+0.1138i	-0.3993-1.0815i	1.5046-1.0813i	-0.1891-0.4450i
35.1	1.7116-1.2293i	-0.5791+0.0375i	-13.3829-4.2736i	1.9020-0.8568i	-0.1698+0.1265i	-0.5344-0.9585i	1.4869-1.1267i	-0.2726-0.4256i
35.2	1.7478-1.2653i	-0.6234+0.0670i	-13.2314-4.5246i	1.9697-0.9403i	-0.1621+0.1361i	-0.6290-0.7717i	1.4773-1.1554i	-0.3478-0.3614i
35.3	1.8059-1.3253i	-0.6474+0.1025i	-13.2172-4.6994i	2.0330-1.0407i	-0.1602+0.1434i	-0.6241-0.5837i	1.4947-1.2000i	-0.3819-0.2999i
35.4	1.8260-1.4377i	-0.6630+0.1173i	-13.1666-4.7256i	2.0354-1.1511i	-0.1560+0.1460i	-0.5203-0.5582i	1.4828-1.2736i	-0.3885-0.2870i
35.5	1.8270-1.5262i	-0.6791+0.1576i	-13.2232-5.0494i	2.0380-1.2644i	-0.1533+0.1481i	-0.5035-0.4645i	1.4692-1.3223i	-0.4118-0.2307i
35.6	1.8397-1.6244i	-0.6927+0.1991i	-13.3506-5.3367i	2.0299-1.3800i	-0.1519+0.1488i	-0.4206-0.3924i	1.4612-1.3878i	-0.4099-0.1984i
35.7	1.8327-1.7129i	-0.7176+0.2460i	-13.2049-5.4749i	2.0185-1.4822i	-0.1555+0.1493i	-0.3916-0.3591i	1.4419-1.4394i	-0.4296-0.1554i
35.8	1.8203-1.8097i	-0.7169+0.3092i	-13.3843-5.7940i	1.9829-1.5803i	-0.1616+0.1513i	-0.3231-0.3663i	1.4179-1.4925i	-0.4281-0.1205i
35.9	1.8091-1.9077i	-0.7068+0.3567i	-13.5756-5.9930i	1.9512-1.6638i	-0.1692+0.1538i	-0.2716-0.4015i	1.3975-1.5444i	-0.4264-0.1012i
36.0	1.7745-1.9772i	-0.6706+0.3933i	-13.8066-6.1144i	1.9047-1.7245i	-0.1785+0.1667i	-0.2491-0.3944i	1.3678-1.5818i	-0.4114-0.0753i
36.1	1.7499-2.0734i	-0.6309+0.4416i	-13.9989-6.3460i	1.8707-1.8150i	-0.1964+0.1756i	-0.2667-0.3967i	1.3533-1.6376i	-0.3981-0.0432i
36.2	1.7358-2.1472i	-0.6079+0.4789i	-14.1106-6.5053i	1.8577-1.8841i	-0.2068+0.1820i	-0.3001-0.3949i	1.3548-1.6795i	-0.3956-0.0168i
36.3	1.7108-2.2299i	-0.5747+0.4911i	-14.3231-6.4806i	1.8294-1.9497i	-0.2248+0.2015i	-0.3032-0.3805i	1.3340-1.7308i	-0.3979-0.0097i
36.4	1.7058-2.3055i	-0.5450+0.5163i	-14.3243-6.5622i	1.8276-2.0105i	-0.2402+0.2228i	-0.3304-0.3863i	1.3335-1.7740i	-0.4045+0.0090i
36.5	1.6852-2.3921i	-0.5033+0.5152i	-14.5138-6.6188i	1.8089-2.0806i	-0.2445+0.2615i	-0.3202-0.3577i	1.3264-1.8358i	-0.3884+0.0258i
36.6	1.6619-2.5109i	-0.4831+0.5014i	-14.6023-6.7352i	1.7934-2.1794i	-0.2447+0.2962i	-0.3179-0.3522i	1.3053-1.9095i	-0.3982+0.0480i
36.7	1.6395-2.6044i	-0.4732+0.4808i	-14.7118-6.8468i	1.7856-2.2715i	-0.2357+0.3327i	-0.3168-0.2835i	1.2875-1.9743i	-0.4067+0.0659i
36.8	1.6227-2.7241i	-0.4523+0.4840i	-14.8022-7.0242i	1.7846-2.3919i	-0.2326+0.3655i	-0.3406-0.1959i	1.2811-2.0644i	-0.4086+0.0838i
36.9	1.5935-2.8613i	-0.4466+0.4568i	-14.9867-7.1922i	1.7687-2.5284i	-0.2143+0.4114i	-0.3141-0.1089i	1.2620-2.1607i	-0.4126+0.1096i
37.0	1.5740-2.9439i	-0.4780+0.4422i	-14.9966-7.2986i	1.7532-2.6157i	-0.1926+0.4384i	-0.2704-0.0808i	1.2502-2.2189i	-0.4185+0.1304i
37.1	1.5156-3.1192i	-0.4981+0.4695i	-15.3132-7.5967i	1.6894-2.7948i	-0.1675+0.4782i	-0.1730+0.0018i	1.2077-2.3421i	-0.4077+0.1791i

37.2	1.4652-3.3142i	-0.4954+0.4924i	-15.4360-7.8298i	1.6482-2.9824i	-0.1483+0.5142i	-0.1536+0.0255i	1.1722-2.4777i	-0.4056+0.2159i
37.3	1.4213-3.5395i	-0.5030+0.4987i	-15.5606-8.0276i	1.6215-3.1905i	-0.1203+0.5606i	-0.1350+0.0389i	1.1499-2.6330i	-0.4052+0.2451i
37.4	1.2690-3.7775i	-0.5129+0.5048i	-15.9980-8.2792i	1.4771-3.4181i	-0.0634+0.6076i	-0.0315+0.0749i	1.0443-2.7894i	-0.3749+0.2866i
37.5	1.1265-3.9801i	-0.5341+0.5176i	-16.2901-8.4886i	1.3476-3.6156i	-0.0055+0.6514i	0.0584+0.1139i	0.9506-2.9197i	-0.3622+0.3308i
37.6	0.8965-4.1090i	-0.5497+0.5482i	-16.5456-8.5085i	1.1287-3.7339i	0.0651+0.6646i	0.1796+0.0733i	0.8009-2.9961i	-0.3302+0.3719i
37.7	0.6207-4.2925i	-0.5693+0.5767i	-16.9052-8.6601i	0.8874-3.9048i	0.1574+0.6847i	0.2738+0.0494i	0.6339-3.1187i	-0.2955+0.4122i
37.8	0.2682-4.4977i	-0.5891+0.6216i	-17.2909-8.9284i	0.5971-4.1091i	0.2812+0.6864i	0.3330-0.0336i	0.4406-3.2704i	-0.2443+0.4524i
37.9	-0.0278-4.5490i	-0.5908+0.6762i	-17.6567-8.9620i	0.3405-4.1782i	0.3663+0.6339i	0.3787-0.1462i	0.2659-3.3284i	-0.1918+0.4716i
38.0	-0.4470-4.5520i	-0.5916+0.7380i	-18.3283-9.1143i	-0.0301-4.2300i	0.4637+0.5455i	0.3650-0.2642i	0.0183-3.3845i	-0.1111+0.4860i
38.1	-0.7383-4.4280i	-0.5580+0.7853i	-18.8284-8.9870i	-0.3032-4.1585i	0.4880+0.4556i	0.2662-0.3030i	-0.1615-3.3518i	-0.0446+0.4740i
38.2	-0.9675-4.3014i	-0.5483+0.8333i	-19.1533-8.8140i	-0.5309-4.0841i	0.4928+0.3677i	0.1914-0.3295i	-0.3131-3.3253i	0.0057+0.4545i
38.3	-1.2071-4.2183i	-0.5466+0.8966i	-19.5982-8.7248i	-0.7787-4.0583i	0.5000+0.2889i	0.1471-0.3016i	-0.4796-3.3461i	0.0668+0.4340i
38.4	-1.3914-4.1863i	-0.5419+0.9732i	-19.9167-8.7269i	-0.9752-4.0615i	0.4963+0.2359i	0.1199-0.2960i	-0.6137-3.3821i	0.1123+0.4239i
38.5	-1.6529-4.0070i	-0.4509+1.0703i	-20.4231-8.4164i	-1.2690-3.9075i	0.4577+0.1829i	0.0730-0.2518i	-0.8406-3.3372i	0.1862+0.3645i
38.6	-1.8467-3.9127i	-0.3772+1.1313i	-20.7442-8.2628i	-1.4742-3.8358i	0.4361+0.1494i	0.0320-0.2100i	-1.0174-3.3360i	0.2153+0.3153i
38.7	-2.0165-3.7832i	-0.2812+1.1734i	-21.0655-8.1088i	-1.6573-3.7209i	0.4110+0.1272i	-0.0162-0.1539i	-1.1902-3.3000i	0.2281+0.2487i
38.8	-2.2491-3.5864i	-0.1602+1.2039i	-21.4398-7.8031i	-1.9191-3.5471i	0.3828+0.1040i	0.0067-0.0631i	-1.4486-3.2183i	0.2267+0.1717i
38.9	-2.3925-3.3896i	-0.0657+1.2001i	-21.7704-7.4672i	-2.0838-3.3723i	0.3705+0.0891i	0.0721+0.0365i	-1.6309-3.1154i	0.2079+0.1098i
39.0	-2.5060-3.1459i	0.0366+1.1613i	-22.0402-7.0747i	-2.2329-3.1410i	0.3574+0.0822i	0.1844+0.1243i	-1.8096-2.9557i	0.1773+0.0500i
39.1	-2.5878-2.9366i	0.1200+1.1234i	-22.1350-6.7547i	-2.3438-2.9448i	0.3476+0.0660i	0.2779+0.1539i	-1.9654-2.8020i	0.1298+0.0246i
39.2	-2.6456-2.7990i	0.1832+1.1007i	-22.3101-6.5231i	-2.4237-2.8121i	0.3394+0.0480i	0.3513+0.1361i	-2.0849-2.6898i	0.0842+0.0198i
39.3	-2.7262-2.6227i	0.2683+1.0618i	-22.5181-6.2236i	-2.5326-2.6310i	0.3214+0.0310i	0.4282+0.0974i	-2.2295-2.5255i	0.0467+0.0266i
39.4	-2.7444-2.4274i	0.3294+0.9903i	-22.5597-5.9549i	-2.5692-2.4291i	0.3040+0.0254i	0.4645+0.0700i	-2.2943-2.3405i	0.0281+0.0262i
39.5	-2.8251-2.2180i	0.3906+0.9035i	-22.7226-5.6045i	-2.6739-2.2212i	0.2883+0.0096i	0.5104+0.0426i	-2.4288-2.1365i	0.0037+0.0466i
39.6	-2.8163-2.0467i	0.4017+0.8246i	-22.7713-5.3857i	-2.6842-2.0452i	0.2741+0.0035i	0.5533+0.0152i	-2.4586-1.9508i	-0.0014+0.0756i
39.7	-2.7955-1.8636i	0.3935+0.7506i	-22.7953-5.0635i	-2.6859-1.8427i	0.2499-0.0034i	0.5605-0.0737i	-2.4557-1.7378i	0.0175+0.1000i
39.8	-2.8290-1.7322i	0.4036+0.7123i	-22.8080-4.7806i	-2.7240-1.7072i	0.2301-0.0048i	0.5229-0.0550i	-2.4914-1.6083i	0.0204+0.1006i
39.9	-2.7780-1.5574i	0.4036+0.6624i	-22.7477-4.4968i	-2.6827-1.5270i	0.2169-0.0021i	0.5205-0.0379i	-2.4675-1.4422i	0.0141+0.1008i
40.0	-2.7190-1.4035i	0.3892+0.6108i	-22.6984-4.2859i	-2.6399-1.3529i	0.2034+0.0079i	0.5663-0.0764i	-2.4288-1.2810i	0.0251+0.1014i
40.1	-2.6872-1.2395i	0.3839+0.5537i	-22.7363-4.1173i	-2.6334-1.1833i	0.1890+0.0285i	0.6332-0.0252i	-2.4164-1.1210i	0.0397+0.1051i
40.2	-2.6346-1.1467i	0.3723+0.5445i	-22.5696-3.9413i	-2.5918-1.0960i	0.1844+0.0215i	0.6630+0.0220i	-2.3835-1.0171i	0.0401+0.1320i
40.3	-2.5768-1.0572i	0.3698+0.5330i	-22.5960-3.7462i	-2.5524-0.9993i	0.1832+0.0285i	0.7680+0.0118i	-2.3425-0.9191i	0.0663+0.1490i
40.4	-2.5284-0.9889i	0.3745+0.5062i	-22.6296-3.6105i	-2.5210-0.9088i	0.1778+0.0305i	0.8229-0.0527i	-2.2895-0.8397i	0.1148+0.1402i
40.5	-2.4806-0.8985i	0.3679+0.4725i	-22.5949-3.4756i	-2.4844-0.7955i	0.1714+0.0423i	0.8712-0.1067i	-2.2437-0.7551i	0.1388+0.1031i
40.6	-2.4382-0.8109i	0.3647+0.4324i	-22.6137-3.3564i	-2.4479-0.6794i	0.1675+0.0606i	0.9129-0.1761i	-2.2130-0.6702i	0.1511+0.0648i
40.7	-2.3837-0.7402i	0.3453+0.4032i	-22.5023-3.2594i	-2.3902-0.5785i	0.1734+0.0669i	0.9178-0.2795i	-2.1635-0.5955i	0.1478+0.0272i
40.8	-2.3546-0.6771i	0.3397+0.3578i	-22.4638-3.1806i	-2.3737-0.5020i	0.1625+0.0779i	0.9909-0.3113i	-2.1436-0.5459i	0.1498-0.0214i
40.9	-2.3044-0.6075i	0.3218+0.3371i	-22.3838-3.0738i	-2.3107-0.4137i	0.1623+0.0915i	0.9336-0.3682i	-2.1089-0.4746i	0.1191-0.0333i
41.0	-2.2439-0.5285i	0.2980+0.3161i	-22.2893-2.9305i	-2.2180-0.3210i	0.1877+0.1023i	0.8072-0.3896i	-2.0500-0.3876i	0.0936-0.0330i
41.1	-2.1901-0.4676i	0.2774+0.2732i	-22.2360-2.9222i	-2.1780-0.2670i	0.1934+0.1029i	0.8701-0.3256i	-2.0026-0.3454i	0.1174-0.0656i
41.2	-2.1242-0.4090i	0.2259+0.2469i	-22.2009-2.8940i	-2.1076-0.2041i	0.1980+0.0912i	0.9233-0.3581i	-1.9567-0.2961i	0.0876-0.1055i
41.3	-2.0706-0.3938i	0.2041+0.2547i	-22.1024-2.8281i	-2.0397-0.1781i	0.1863+0.0938i	0.9008-0.4235i	-1.9248-0.2704i	0.0257-0.1033i
41.4	-2.0687-0.3389i	0.1886+0.2227i	-22.0683-2.8539i	-2.0171-0.1261i	0.1993+0.1268i	0.7964-0.4052i	-1.9272-0.2187i	-0.0015-0.0850i
41.5	-2.0166-0.2829i	0.1516+0.2121i	-22.0412-2.8224i	-1.9621-0.0836i	0.2280+0.1377i	0.8054-0.3255i	-1.8906-0.1621i	-0.0152-0.0589i
41.6	-1.9438-0.2609i	0.1295+0.2262i	-22.1034-2.7346i	-1.9074-0.0764i	0.2489+0.1439i	0.8948-0.2182i	-1.8257-0.1371i	0.0168-0.0315i
41.7	-1.8726-0.2297i	0.0844+0.2454i	-21.9389-2.7701i	-1.8549-0.0589i	0.2717+0.1267i	0.9901-0.1670i	-1.7658-0.1032i	0.0304-0.0190i
41.8	-1.8298-0.2426i	0.0792+0.2679i	-21.9757-2.7646i	-1.8420-0.0525i	0.2844+0.1014i	1.1257-0.2750i	-1.7356-0.1003i	0.0515-0.0304i
41.9	-1.8440-0.2092i	0.0427+0.2320i	-22.0728-2.8290i	-1.8665+0.0006i	0.2928+0.0968i	1.1564-0.3150i	-1.7439-0.0908i	0.0652-0.0953i
42.0	-1.8143-0.1851i	0.0132+0.2633i	-22.0203-2.8437i	-1.8393+0.0370i	0.2827+0.0703i	1.1877-0.3283i	-1.7235-0.0693i	0.0443-0.1189i
42.1	-1.7972-0.1266i	-0.0027+0.2608i	-22.0565-2.8908i	-1.8331+0.1002i	0.2669+0.0712i	1.2050-0.2919i	-1.7119-0.0359i	0.0245-0.1613i
42.2	-1.7360-0.0977i	-0.0407+0.2943i	-22.0755-2.9189i	-1.7970+0.1413i	0.2707+0.0924i	1.4183-0.2804i	-1.7118-0.0327i	-0.0368-0.1802i
42.3	-1.7066-0.0855i	-0.0274+0.3398i	-22.1256-2.9945i	-1.7840+0.1892i	0.2788+0.1140i	1.5605-0.4605i	-1.7332-0.0111i	-0.0700-0.1780i
42.4	-1.6634-0.0627i	-0.0169+0.3725i	-22.1687-2.9762i	-1.7192+0.2502i	0.2988+0.0984i	1.4840-0.6574i	-1.6947+0.0568i	-0.0955-0.1476i
42.5	-1.6383-0.0538i	-0.0012+0.3964i	-22.2347-2.9240i	-1.6868+0.2757i	0.3053+0.1004i	1.4879-0.7348i	-1.6916+0.0815i	-0.1172-0.1396i
42.6	-1.5998-0.0440i	0.0384+0.4266i	-22.2475-2.8460i	-1.6215+0.3149i	0.3329+0.1038i	1.4261-0.8336i	-1.6796+0.1228i	-0.1640-0.1060i
42.7	-1.5622-0.0366i	0.0533+0.4156i	-22.2893-2.8490i	-1.5743+0.3179i	0.3478+0.0916i	1.4057-0.8010i	-1.6389+0.1454i	-0.1581-0.0700i
42.8	-1.5214-0.0579i	0.0616+0.3469i	-22.4085-3.0862i	-1.6031+0.2930i	0.3972+0.0964i	1.7588-0.7129i	-1.6538+0.0929i	-0.1005-0.1133i
42.9	-1.5613-0.0534i	0.0532+0.3437i	-22.5663-3.1110i	-1.6318+0.3661i	0.4221+0.0642i	1.7943-1.0185i	-1.7383+0.1528i	-0.1591-0.1465i
43.0	-1.5563-0.0040i	0.0564+0.3305i	-22.7117-3.0164i	-1.5721+0.4402i	0.4224+0.0402i	1.6432-1.1351i	-1.7272+0.2550i	-0.2210-0.0979i
43.1	-1.5225+0.0651i	0.0606+0.2816i	-22.8006-2.9279i	-1.5091+0.4886i	0.4337+0.0286i	1.6092-1.0961i	-1.6851+0.3481i	-0.2203-0.0114i
43.2	-1.4549+0.0704i	-0.0064+0.2755i	-22.8143-2.9142i	-1.4835+0.5089i	0.4764-0.0199i	1.8807-1.2429i	-1.6546+0.3944i	-0.1638-0.0085i
43.3	-1.4521+0.0228i	0.0050+0.3132i	-22.8508-2.8557i	-1.4408+0.5116i	0.4245-0.0898i	1.6277-1.5715i	-1.5964+0.4172i	-0.1805-0.0348i
43.4	-1.4967+0.0451i	0.0062+0.2605i	-22.9433-2.8411i	-1.4753+0.5163i	0.3800-0.0475i	1.5449-1.3935i	-1.6217+0.3902i	-0.2058-0.0465i

43.5	−1.4902+0.1025i	−0.0585+0.2482i	−23.0524−2.9499i	−1.4972+0.6148i	0.4260−0.0199i	1.8131−1.4972i	−1.6913+0.4671i	−0.2185−0.0274i
43.6	−1.4541+0.1522i	−0.1227+0.2700i	−23.2379−2.8960i	−1.4272+0.7159i	0.4684−0.0570i	1.8390−1.7985i	−1.6767+0.5940i	−0.2263−0.0081i
43.7	−1.4023+0.1780i	−0.1616+0.3132i	−23.2828−2.7959i	−1.3295+0.7773i	0.4781−0.1159i	1.6954−2.1156i	−1.6045+0.7056i	−0.2369+0.0030i
43.8	−1.3751+0.1868i	−0.1491+0.3645i	−23.1637−2.7257i	−1.2313+0.7886i	0.4278−0.1605i	1.3399−2.2842i	−1.4868+0.7620i	−0.2377+0.0257i
43.9	−1.3574+0.2081i	−0.1374+0.3709i	−23.2271−2.6989i	−1.1614+0.7988i	0.3966−0.1756i	1.0474−2.2704i	−1.3937+0.7887i	−0.2270+0.0398i
44.0	−1.3190+0.2299i	−0.1787+0.3836i	−23.4005−2.8685i	−1.0914+0.8001i	0.3705−0.1770i	0.9490−2.1115i	−1.3262+0.7668i	−0.2520+0.0114i
44.1	−1.2988+0.2504i	−0.1548+0.4207i	−23.4249−2.9223i	−1.0566+0.8124i	0.3626−0.1192i	0.9799−2.1359i	−1.3348+0.7785i	−0.3054+0.0756i
44.2	−1.2679+0.2924i	−0.1667+0.4043i	−23.4918−2.8954i	−0.9837+0.8486i	0.4038−0.1217i	0.8081−2.1817i	−1.2890+0.8530i	−0.2725+0.1159i
44.3	−1.1892+0.3158i	−0.2042+0.4354i	−23.6655−2.8109i	−0.8714+0.8218i	0.4080−0.1422i	0.7417−1.9667i	−1.1826+0.8447i	−0.2627+0.1120i
44.4	−1.1095+0.2767i	−0.2041+0.4885i	−23.8064−2.7252i	−0.8197+0.7591i	0.4190−0.1564i	0.9329−2.0035i	−1.1396+0.8104i	−0.2566+0.1301i
44.5	−1.0711+0.2368i	−0.2052+0.5382i	−23.8866−2.6793i	−0.7957+0.7325i	0.4402−0.1868i	0.9289−2.2185i	−1.1152+0.8388i	−0.2413+0.1617i
44.6	−1.0919+0.1916i	−0.1364+0.5452i	−23.8518−2.6320i	−0.7913+0.6844i	0.4095−0.2230i	0.6921−2.2706i	−1.0509+0.8261i	−0.2037+0.1673i
44.7	−1.1076+0.1933i	−0.1383+0.5474i	−23.9375−2.6958i	−0.7770+0.6771i	0.3958−0.2396i	0.5780−2.2948i	−1.0293+0.8241i	−0.2276+0.1686i
44.8	−1.1212+0.1934i	−0.1118+0.5083i	−24.0816−2.6516i	−0.7855+0.6469i	0.3741−0.2217i	0.4475−2.1702i	−1.0077+0.7848i	−0.1937+0.1827i
44.9	−1.1193+0.2186i	−0.1577+0.4823i	−24.0955−2.7344i	−0.8161+0.6385i	0.3707−0.1930i	0.4886−1.8864i	−1.0166+0.7250i	−0.1559+0.1486i
45.0	−1.0965+0.2427i	−0.1722+0.5666i	−24.2635−2.7228i	−0.7822+0.6823i	0.4116−0.2230i	0.6210−2.0564i	−1.0336+0.7905i	−0.1877+0.1622i
45.1	−1.0729+0.2611i	−0.1513+0.5383i	−24.4013−2.5928i	−0.7510+0.6847i	0.4140−0.2521i	0.5445−2.1158i	−0.9962+0.8120i	−0.1722+0.1726i
45.2	−1.0310+0.2581i	−0.1851+0.5124i	−24.2192−2.6307i	−0.7213+0.6989i	0.4275−0.2851i	0.5241−2.1938i	−0.9826+0.8334i	−0.1706+0.1592i
45.3	−1.0256+0.2307i	−0.2150+0.5304i	−24.3631−2.5924i	−0.6958+0.6934i	0.4218−0.3391i	0.4004−2.3276i	−0.9611+0.8619i	−0.1854+0.1489i
45.4	−1.0369+0.2387i	−0.2948+0.5440i	−24.5463−2.5730i	−0.6666+0.6818i	0.3839−0.3666i	0.1862−2.2107i	−0.9127+0.8703i	−0.2047+0.1493i
45.5	−1.0239+0.2175i	−0.2604+0.6203i	−24.7079−2.5583i	−0.6937+0.6262i	0.3273−0.3263i	0.3490−2.0356i	−0.9129+0.7978i	−0.1991+0.1846i
45.6	−1.0499+0.2367i	−0.3102+0.6267i	−24.7031−2.6226i	−0.6996+0.6825i	0.3599−0.3246i	0.2954−2.1837i	−0.9424+0.8486i	−0.2028+0.1971i
45.7	−1.0370+0.2800i	−0.3357+0.7499i	−24.6801−2.6514i	−0.6426+0.7006i	0.3547−0.3502i	0.1517−2.0507i	−0.8862+0.8846i	−0.1978+0.2145i
45.8	−1.0121+0.2995i	−0.2303+0.7836i	−24.7510−2.6112i	−0.6442+0.6943i	0.3570−0.3537i	0.3952−2.0318i	−0.9032+0.8793i	−0.1909+0.2167i
45.9	−0.9809+0.3159i	−0.2276+0.7649i	−24.9949−2.4068i	−0.6314+0.7173i	0.3617−0.3939i	0.3899−2.3004i	−0.9061+0.9361i	−0.1859+0.2430i
46.0	−0.9598+0.3027i	−0.2586+0.8421i	−25.1097−2.4516i	−0.5992+0.7244i	0.3429−0.4294i	0.2125−2.4097i	−0.8739+0.9894i	−0.1668+0.2528i
46.1	−0.9529+0.2987i	−0.1766+0.8939i	−25.2021−2.2873i	−0.5660+0.7366i	0.3201−0.4598i	0.0513−2.4692i	−0.8312+1.0401i	−0.1531+0.2547i
46.2	−0.9570+0.2945i	−0.1929+0.8540i	−25.1269−2.2010i	−0.5223+0.7186i	0.2904−0.4550i	−0.1872−2.3446i	−0.7500+1.0255i	−0.1509+0.2458i
46.3	−0.9703+0.3363i	−0.1961+0.8790i	−25.1950−2.3637i	−0.4951+0.6780i	0.2729−0.4389i	−0.2285−1.9692i	−0.7112+0.9569i	−0.1534+0.2388i
46.4	−0.9244+0.3940i	−0.2422+0.9006i	−25.2469−2.2454i	−0.5069+0.6775i	0.2853−0.4662i	−0.0148−1.9252i	−0.7453+0.9655i	−0.1693+0.2398i
46.5	−0.8535+0.3851i	−0.3091+1.0310i	−25.0323−2.1543i	−0.5038+0.6899i	0.2707−0.5046i	0.1009−2.0269i	−0.7574+1.0259i	−0.2013+0.2765i
46.6	−0.8279+0.3509i	−0.2466+1.1431i	−25.1206−2.3655i	−0.5001+0.6761i	0.2456−0.5037i	0.1751−2.0225i	−0.7420+1.0439i	−0.1808+0.3194i
46.7	−0.8262+0.3131i	−0.1682+1.2214i	−25.3132−2.5191i	−0.5271+0.7079i	0.2429−0.5263i	0.3929−2.2950i	−0.7568+1.1117i	−0.1614+0.3424i
46.8	−0.8573+0.3239i	−0.0916+1.2677i	−25.3987−2.4159i	−0.4737+0.7532i	0.1804−0.5496i	−0.0572−2.5429i	−0.6517+1.1880i	−0.1324+0.3643i
46.9	−0.8519+0.3616i	0.0326+1.3034i	−25.6192−2.4105i	−0.4314+0.7312i	0.1588−0.5531i	−0.1462−2.3173i	−0.5818+1.1794i	−0.1021+0.3712i
47.0	−0.8030+0.3670i	0.0595+1.2998i	−25.5874−2.2741i	−0.4295+0.7183i	0.1355−0.5572i	−0.1270−2.4113i	−0.5383+1.1821i	−0.0612+0.3837i
47.1	−0.7824+0.3418i	0.0984+1.3625i	−25.5313−2.4622i	−0.4150+0.7378i	0.1129−0.5639i	−0.2469−2.4930i	−0.5058+1.2016i	−0.0425+0.3768i
47.2	−0.7770+0.3299i	0.2372+1.4148i	−25.6280−2.6547i	−0.3601+0.7527i	0.0544−0.5932i	−0.5076−2.5335i	−0.4014+1.2422i	−0.0153+0.3778i
47.3	−0.7837+0.3245i	0.3818+1.3853i	−25.8851−2.7758i	−0.3197+0.7253i	−0.0097−0.5554i	−0.7239−2.3324i	−0.3010+1.1996i	0.0184+0.3593i
47.4	−0.7859+0.3368i	0.4699+1.2975i	−26.0001−2.7095i	−0.3112+0.6876i	−0.0208−0.4855i	−0.6869−2.0421i	−0.2769+1.1146i	0.0234+0.3280i
47.5	−0.7875+0.3565i	0.5074+1.2517i	−26.1113−2.7873i	−0.3087+0.6730i	−0.0171−0.4601i	−0.6163−1.9281i	−0.2674+1.0788i	0.0279+0.3260i
47.6	−0.7527+0.4032i	0.5033+1.1866i	−26.1105−2.8770i	−0.3049+0.6778i	0.0058−0.4636i	−0.4857−1.8743i	−0.2557+1.0715i	0.0322+0.3183i
47.7	−0.7060+0.3806i	0.5089+1.1988i	−26.1730−2.9772i	−0.3097+0.6830i	0.0075−0.4810i	−0.3039−2.0368i	−0.2495+1.0776i	0.0353+0.3202i
47.8	−0.6942+0.3363i	0.5680+1.2124i	−26.3911−3.0725i	−0.2826+0.6938i	−0.0319−0.4907i	−0.4591−2.2905i	−0.1976+1.0809i	0.0567+0.3148i
47.9	−0.7122+0.3433i	0.6225+1.1602i	−26.6959−2.9131i	−0.2732+0.6776i	−0.0394−0.4611i	−0.5735−2.0776i	−0.1860+1.0473i	0.0628+0.2868i
48.0	−0.6848+0.3557i	0.6740+1.1216i	−26.7510−2.9861i	−0.2571+0.6898i	−0.0723−0.4621i	−0.6134−2.1567i	−0.1341+1.0484i	0.0824+0.2788i
48.1	−0.6764+0.3505i	0.7057+1.1178i	−26.8934−3.1591i	−0.2484+0.6909i	−0.0634−0.4350i	−0.6476−2.1243i	−0.1299+1.0297i	0.0839+0.2717i
48.2	−0.6687+0.3671i	0.7507+1.0730i	−27.1011−3.2097i	−0.2294+0.7073i	−0.0527−0.4240i	−0.6748−2.0584i	−0.1202+1.0379i	0.0835+0.2577i
48.3	−0.6385+0.3763i	0.7670+1.0373i	−27.1021−3.2565i	−0.1873+0.6942i	−0.0732−0.4334i	−0.7313−1.9130i	−0.0692+1.0208i	0.0711+0.2452i
48.4	−0.6134+0.3652i	0.7724+1.0016i	−27.2456−3.3634i	−0.1712+0.6831i	−0.0818−0.4344i	−0.6004−1.8843i	−0.0305+1.0142i	0.0709+0.2504i
48.5	−0.6056+0.3588i	0.7808+0.9714i	−27.5033−3.2931i	−0.1742+0.6833i	−0.0805−0.4243i	−0.4825−1.9465i	−0.0136+0.9910i	0.0806+0.2367i
48.6	−0.5676+0.3193i	0.8164+0.9559i	−27.8626−3.1531i	−0.1634+0.6822i	−0.1052−0.4145i	−0.3882−2.2046i	0.0156+0.9631i	0.0953+0.2085i
48.7	−0.5705+0.2732i	0.8457+0.9290i	−28.0304−3.2538i	−0.1289+0.6708i	−0.1245−0.3918i	−0.6349−2.3748i	0.0428+0.9116i	0.0720+0.1785i
48.8	−0.6029+0.2413i	0.8495+0.8890i	−28.0862−3.3002i	−0.1049+0.6364i	−0.1185−0.3746i	−0.9562−2.2845i	0.0248+0.8764i	0.0243+0.1928i
48.9	−0.6328+0.2474i	0.8630+0.8855i	−28.1419−3.2959i	−0.0980+0.6070i	−0.0997−0.3650i	−1.0575−2.0169i	0.0218+0.8736i	0.0232+0.2246i
49.0	−0.6510+0.2465i	0.8667+0.8697i	−28.4031−3.3144i	−0.1156+0.5950i	−0.0713−0.3743i	−0.9482−1.8920i	0.0144+0.8610i	0.0312+0.2109i
49.1	−0.6950+0.2669i	0.9051+0.8574i	−28.4675−3.3724i	−0.1237+0.6201i	−0.0802−0.4017i	−0.9613−1.9536i	0.0031+0.8787i	0.0104+0.2113i
49.2	−0.7129+0.3211i	0.9351+0.8148i	−28.7278−3.4669i	−0.1068+0.6248i	−0.0799−0.4146i	−1.0211−1.8628i	0.0197+0.8895i	0.0137+0.2273i
49.3	−0.6747+0.3605i	0.9533+0.7810i	−29.0943−3.3643i	−0.0953+0.6104i	−0.1062−0.4248i	−0.9014−1.7883i	0.0548+0.8841i	0.0287+0.2410i
49.4	−0.6421+0.3474i	0.9679+0.7527i	−29.2062−3.3862i	−0.0980+0.6057i	−0.1251−0.4060i	−0.8184−1.9292i	0.0653+0.8751i	0.0359+0.2535i
49.5	−0.6447+0.3204i	0.9738+0.7116i	−29.0882−3.3789i	−0.0790+0.5752i	−0.1622−0.3937i	−1.0626−1.7816i	0.0854+0.8164i	0.0145+0.2270i
49.6	−0.6621+0.3592i	0.9711+0.6954i	−29.2448−3.3215i	−0.1201+0.5837i	−0.1317−0.3962i	−0.8418−1.6245i	0.0490+0.8422i	0.0297+0.2541i
49.7	−0.6517+0.3821i	1.0060+0.6910i	−29.5701−3.4651i	−0.1255+0.6157i	−0.1625−0.3960i	−0.6442−1.8958i	0.0532+0.8913i	0.0233+0.2970i

49.8	-0.6254+0.3697i	1.0491+0.6343i	-29.7645-3.5652i	-0.0852+0.6200i	-0.2200-0.3698i	-0.8321-2.0589i	0.0917+0.8492i	0.0099+0.2775i
49.9	-0.6317+0.3594i	1.0620+0.5884i	-30.0455-3.5435i	-0.0646+0.6093i	-0.2388-0.3422i	-1.0993-2.0130i	0.1057+0.8169i	0.0077+0.2681i
50.0	-0.6500+0.3637i	1.0501+0.5785i	-30.0246-3.5150i	-0.0667+0.5982i	-0.2259-0.3570i	-1.1411-1.8565i	0.1251+0.8037i	0.0291+0.2516i
50.1	-0.6435+0.3863i	1.0606+0.5158i	-30.1658-3.6096i	-0.0646+0.5995i	-0.2169-0.3392i	-1.1096-1.8080i	0.1333+0.7860i	0.0383+0.2540i
50.2	-0.6318+0.3993i	1.0576+0.4658i	-30.3989-3.8213i	-0.0638+0.5900i	-0.2014-0.2953i	-1.1234-1.7839i	0.1250+0.7797i	0.0435+0.2983i
50.3	-0.6199+0.4145i	1.0324+0.4403i	-30.6370-3.8431i	-0.0582+0.5917i	-0.1926-0.2954i	-1.1657-1.7286i	0.1240+0.7750i	0.0503+0.3069i
50.4	-0.6190+0.4361i	1.0194+0.4662i	-30.5980-4.0409i	-0.0742+0.6005i	-0.2088-0.2965i	-0.9411-1.5744i	0.0928+0.7904i	0.0264+0.3340i
50.5	-0.6236+0.4569i	1.0591+0.4561i	-30.7691-4.0020i	-0.0908+0.6460i	-0.1938-0.2929i	-0.7012-1.7752i	0.0986+0.8387i	0.0611+0.3529i
50.6	-0.6074+0.4671i	1.0648+0.3943i	-31.2535-3.9494i	-0.0672+0.6564i	-0.1660-0.3290i	-0.9012-1.8587i	0.1454+0.8137i	0.1287+0.2846i
50.7	-0.5872+0.4931i	1.0953+0.3414i	-31.5715-4.0539i	-0.0572+0.6520i	-0.1389-0.2902i	-0.9661-1.8195i	0.1548+0.8178i	0.1671+0.3189i
50.8	-0.5549+0.5171i	1.0675+0.2932i	-31.6816-4.0309i	-0.0539+0.6655i	-0.1099-0.3105i	-0.8821-1.7308i	0.1694+0.8257i	0.2098+0.2985i
50.9	-0.5490+0.4948i	1.0385+0.2635i	-31.7912-3.7211i	-0.0181+0.7033i	-0.1915-0.3983i	-0.9666-1.9679i	0.1876+0.7906i	0.1182+0.1653i
51.0	-0.5403+0.5044i	1.0468+0.2098i	-32.3058-4.1518i	0.0191+0.7131i	-0.2220-0.3986i	-1.1612-2.0017i	0.1989+0.7904i	0.0928+0.1548i
51.1	-0.5259+0.5437i	1.0334+0.1644i	-32.7583-4.3049i	0.0330+0.7366i	-0.2134-0.4209i	-1.2113-1.9681i	0.2166+0.8076i	0.1135+0.1324i
51.2	-0.5115+0.5613i	0.9840+0.1434i	-32.7996-4.1667i	0.0623+0.7452i	-0.2759-0.4211i	-1.3164-1.8916i	0.2236+0.8004i	0.0422+0.1188i
51.3	-0.4809+0.5561i	0.9475+0.1392i	-32.9272-4.0745i	0.0944+0.7129i	-0.3146-0.3612i	-1.3232-1.7318i	0.2308+0.7971i	0.0027+0.2101i
51.4	-0.4659+0.5491i	0.9298+0.1263i	-33.5301-4.1731i	0.1237+0.7004i	-0.3500-0.3445i	-1.2732-1.7105i	0.2476+0.7910i	-0.0196+0.2320i
51.5	-0.4418+0.5726i	0.9168+0.0985i	-33.7481-4.3784i	0.1595+0.7154i	-0.3488-0.3453i	-1.2574-1.7047i	0.2831+0.8077i	-0.0082+0.2299i
51.6	-0.4072+0.6131i	0.9361+0.0668i	-33.9040-4.6914i	0.1676+0.7153i	-0.3090-0.2763i	-1.2031-1.7003i	0.3008+0.8373i	0.0677+0.3186i
51.7	-0.3569+0.6084i	0.9056+0.0833i	-34.5421-4.5982i	0.2012+0.7011i	-0.3479-0.2349i	-1.1617-1.7124i	0.3129+0.8230i	0.0208+0.3563i
51.8	-0.3305+0.5775i	0.8517+0.0656i	-34.8655-4.5942i	0.2360+0.7036i	-0.3679-0.3028i	-1.2822-1.7780i	0.3501+0.7867i	0.0070+0.2584i
51.9	-0.3141+0.5622i	0.8347+0.0087i	-35.4286-4.6030i	0.2557+0.6740i	-0.3326-0.3041i	-1.3967-1.7145i	0.3994+0.7820i	0.0891+0.2536i
52.0	-0.2714+0.5634i	0.8591-0.0009i	-35.8098-4.4158i	0.2821+0.6258i	-0.3636-0.2145i	-1.3023-1.6345i	0.4228+0.7525i	0.0867+0.3469i
52.1	-0.2473+0.5663i	0.8343-0.0024i	-36.0983-4.1480i	0.2856+0.6160i	-0.3622-0.1761i	-1.2246-1.5840i	0.4187+0.7217i	0.0766+0.3579i
52.2	-0.2132+0.5344i	0.7797-0.0015i	-36.2597-4.3008i	0.3113+0.6190i	-0.3360-0.2033i	-1.2034-1.7043i	0.4377+0.6981i	0.1020+0.3092i
52.3	-0.1854+0.4745i	0.7861-0.0239i	-36.5256-4.0849i	0.3363+0.5789i	-0.2648-0.2035i	-1.3691-1.8520i	0.4887+0.6749i	0.1980+0.3114i
52.4	-0.2148+0.4920i	0.7870-0.0428i	-36.7028-4.0341i	0.3159+0.5390i	-0.2633-0.1367i	-1.4233-1.6588i	0.4732+0.6718i	0.2241+0.4122i
52.5	-0.1830+0.4759i	0.7328-0.0770i	-37.4825-3.8194i	0.3188+0.5393i	-0.2529-0.2288i	-1.3070-1.6611i	0.4828+0.6267i	0.2358+0.2547i
52.6	-0.1724+0.4571i	0.6846-0.0519i	-37.5810-3.8016i	0.3274+0.5355i	-0.2942-0.2489i	-1.2686-1.7309i	0.4642+0.6057i	0.1775+0.2195i
52.7	-0.1819+0.4478i	0.6506-0.0313i	-37.7385-4.0246i	0.3411+0.5315i	-0.3564-0.2727i	-1.3368-1.7438i	0.4495+0.5979i	0.1078+0.1994i
52.8	-0.1653+0.4351i	0.7019-0.0145i	-38.3735-3.9007i	0.3510+0.4911i	-0.3795-0.1921i	-1.3321-1.7875i	0.4531+0.6116i	0.1210+0.3050i
52.9	-0.1397+0.4215i	0.7435-0.0044i	-38.7690-3.7826i	0.3630+0.4708i	-0.4048-0.1346i	-1.3483-1.8616i	0.4654+0.6170i	0.1066+0.3761i
53.0	-0.1368+0.4058i	0.7820-0.0544i	-39.1201-3.6396i	0.3583+0.4575i	-0.3796-0.1139i	-1.4372-1.9377i	0.4921+0.6091i	0.1803+0.3918i
53.1	-0.1386+0.3754i	0.7439-0.1171i	-39.4402-3.3333i	0.3676+0.4432i	-0.4080-0.1495i	-1.5708-1.9781i	0.5042+0.5645i	0.1629+0.3182i
53.2	-0.1396+0.3638i	0.6751-0.1566i	-39.7943-3.3906i	0.3822+0.4300i	-0.4444-0.1479i	-1.6990-1.9210i	0.5167+0.5269i	0.1258+0.2760i
53.3	-0.1368+0.3638i	0.6188-0.1490i	-40.2755-3.4369i	0.3912+0.4132i	-0.4738-0.0804i	-1.8578-1.8132i	0.5110+0.5210i	0.0930+0.3247i
53.4	-0.1326+0.3673i	0.6147-0.1017i	-40.2824-3.0206i	0.3739+0.3848i	-0.4347+0.0465i	-1.8567-1.6480i	0.4952+0.5276i	0.1420+0.4809i
53.5	-0.1093+0.3054i	0.6309-0.0783i	-40.6201-3.0104i	0.3620+0.3388i	-0.3461+0.0635i	-1.7940-1.6827i	0.5076+0.4935i	0.2597+0.4795i
53.6	-0.1614+0.2853i	0.6098-0.0993i	-40.7421-3.1343i	0.3224+0.3380i	-0.3194+0.0042i	-1.9293-1.6069i	0.5045+0.4633i	0.2852+0.3754i
53.7	-0.1850+0.3557i	0.6298-0.1137i	-41.0946-3.3772i	0.3191+0.3832i	-0.3386+0.0426i	-1.9166-1.4605i	0.4837+0.4871i	0.2586+0.4139i
53.8	-0.1487+0.3853i	0.6103-0.1583i	-41.6702-3.4367i	0.3525+0.3916i	-0.3119+0.0564i	-1.9155-1.4111i	0.5045+0.4875i	0.2766+0.4205i
53.9	-0.1062+0.3807i	0.5623-0.1986i	-42.2084-3.4828i	0.3623+0.3725i	-0.2710+0.0628i	-1.8753-1.3355i	0.5164+0.4681i	0.3362+0.4148i
54.0	-0.0726+0.3800i	0.4929-0.2199i	-42.4743-3.1560i	0.3637+0.3741i	-0.2406+0.0600i	-1.8167-1.2613i	0.5176+0.4501i	0.3808+0.3787i
54.1	-0.0483+0.3361i	0.4112-0.1945i	-42.9353-3.0625i	0.3809+0.3660i	-0.2685+0.0112i	-1.7095-1.2819i	0.5102+0.4296i	0.3308+0.2902i
54.2	-0.0251+0.2814i	0.3841-0.0688i	-43.8218-3.0749i	0.4481+0.3424i	-0.3303+0.0137i	-1.6561-1.4074i	0.5291+0.4304i	0.1989+0.2957i
54.3	-0.0220+0.2806i	0.4673-0.0515i	-43.9979-2.6981i	0.4390+0.2935i	-0.2831+0.1535i	-1.6754-1.3536i	0.5436+0.4416i	0.3021+0.4707i
54.4	-0.0583+0.2480i	0.4542-0.0564i	-44.5942-2.3756i	0.4174+0.2561i	-0.2834+0.1660i	-1.7040-1.3279i	0.5306+0.3971i	0.2899+0.4753i
54.5	-0.0481+0.2196i	0.4416-0.0666i	-45.0009-2.2675i	0.4031+0.2274i	-0.2405+0.1520i	-1.6473-1.3759i	0.5327+0.3706i	0.3381+0.4561i
54.6	-0.0340+0.2008i	0.4309-0.0928i	-45.2431-2.1978i	0.3989+0.2207i	-0.1861+0.1395i	-1.6165-1.4659i	0.5379+0.3647i	0.3911+0.4363i
54.7	-0.0485+0.1934i	0.4340-0.0641i	-45.6547-1.8339i	0.3895+0.2042i	-0.1731+0.1712i	-1.6858-1.4688i	0.5293+0.3707i	0.4020+0.4967i
54.8	-0.0517+0.1916i	0.4344-0.0339i	-46.4720-1.2728i	0.3811+0.1830i	-0.1208+0.1934i	-1.6447-1.4356i	0.5285+0.3571i	0.4825+0.5284i
54.9	-0.0422+0.1868i	0.4383-0.0511i	-46.6028-1.3802i	0.3596+0.1854i	-0.0339+0.1554i	-1.6122-1.4864i	0.5360+0.3480i	0.6048+0.4808i
55.0	-0.0342+0.1650i	0.4427-0.0597i	-46.7136-1.5150i	0.3428+0.1767i	0.0162+0.1027i	-1.6463-1.5391i	0.5483+0.3301i	0.6852+0.4103i
55.1	-0.0568+0.1495i	0.4395-0.0622i	-47.3494-1.4143i	0.3235+0.1687i	0.0075+0.0882i	-1.7689-1.5412i	0.5477+0.3154i	0.6915+0.3664i
55.2	-0.0605+0.1276i	0.4249-0.1062i	-47.8558-1.2715i	0.3070+0.1753i	0.0202+0.0052i	-1.8203-1.5827i	0.5401+0.2928i	0.7183+0.2423i
55.3	-0.0568+0.1166i	0.3542-0.0951i	-47.8957-1.2817i	0.3185+0.1934i	-0.0102-0.0744i	-1.8742-1.5811i	0.5382+0.2703i	0.6699+0.1441i
55.4	-0.0885+0.1105i	0.2960-0.0170i	-48.3218-0.9196i	0.3188+0.1963i	-0.1026-0.0972i	-1.9101-1.5457i	0.5002+0.2526i	0.5451+0.1063i
55.5	-0.0931+0.1325i	0.3760+0.0628i	-48.7644-0.5281i	0.3231+0.1797i	-0.1631-0.0171i	-1.9327-1.5251i	0.4687+0.2730i	0.4863+0.2377i
55.6	-0.0675+0.1331i	0.4695+0.0026i	-49.1428-0.4241i	0.3039+0.1611i	-0.0978+0.0240i	-1.9407-1.5387i	0.4876+0.2811i	0.6193+0.2874i
55.7	-0.0659+0.1020i	0.4505-0.0664i	-49.5800-0.1375i	0.2866+0.1520i	-0.0614+0.0229i	-2.0203-1.5567i	0.4967+0.2684i	0.6807+0.2372i
55.8	-0.0527+0.0795i	0.4361-0.0663i	-50.0409-0.0783i	0.2966+0.1552i	-0.0890+0.0124i	-2.0583-1.5292i	0.4901+0.2631i	0.6626+0.1913i
55.9	-0.0508+0.0648i	0.4365-0.1015i	-50.3900-0.2574i	0.2964+0.1630i	-0.0930-0.0005i	-2.1194-1.4935i	0.4969+0.2559i	0.6757+0.1391i
56.0	-0.0633+0.0629i	0.4100-0.1269i	-50.9490-0.3231i	0.2919+0.1675i	-0.0883+0.0252i	-2.1914-1.4277i	0.4899+0.2652i	0.6848+0.1541i

56.1	-0.0662+0.0488i	0.3957-0.1298i	-51.6645+0.1637i	0.2874+0.1476i	-0.0643+0.0176i	-2.1245-1.3721i	0.4884+0.2523i	0.7192+0.1183i
56.2	-0.0712+0.0214i	0.3810-0.1803i	-52.2259+0.2696i	0.2870+0.1368i	-0.0712+0.0077i	-2.1638-1.3907i	0.5002+0.2354i	0.7092+0.0551i
56.3	-0.0798+0.0045i	0.3553-0.2117i	-52.6140+0.4476i	0.2795+0.1333i	-0.0571+0.0265i	-2.1698-1.3918i	0.4943+0.2328i	0.7151+0.0402i
56.4	-0.1018-0.0139i	0.2883-0.2170i	-53.0145+0.6911i	0.2738+0.1297i	-0.0556+0.0258i	-2.2354-1.4058i	0.4928+0.2201i	0.6805+0.0079i
56.5	-0.1242-0.0094i	0.2211-0.2203i	-53.5681+0.8901i	0.2580+0.1472i	-0.0402-0.0058i	-2.2927-1.3843i	0.4938+0.2138i	0.6709-0.0432i
56.6	-0.1381+0.0087i	0.1992-0.2355i	-54.2115+1.4256i	0.2473+0.1619i	-0.0125-0.0150i	-2.3236-1.3394i	0.5022+0.2286i	0.7075-0.0485i
56.7	-0.1568-0.0102i	0.1774-0.2194i	-54.6629+1.4672i	0.2453+0.1490i	-0.0153+0.0009i	-2.3697-1.2955i	0.5030+0.2158i	0.7014-0.0374i
56.8	-0.1664-0.0142i	0.1267-0.2327i	-55.2089+1.3328i	0.2418+0.1454i	0.0024-0.0052i	-2.4101-1.2565i	0.5030+0.1933i	0.7072-0.0659i
56.9	-0.1811-0.0283i	0.0732-0.2279i	-55.9280+1.7265i	0.2326+0.1350i	0.0138-0.0015i	-2.4597-1.2447i	0.4981+0.1675i	0.7191-0.0938i
57.0	-0.1840-0.0104i	-0.0210-0.2169i	-56.5897+1.7285i	0.2293+0.1529i	0.0352-0.0220i	-2.5188-1.1810i	0.4988+0.1631i	0.7313-0.1270i
57.1	-0.1976-0.0097i	-0.0888-0.1845i	-57.1880+1.8787i	0.2250+0.1500i	0.0580-0.0354i	-2.5283-1.0907i	0.4823+0.1405i	0.7428-0.1613i
57.2	-0.1874-0.0270i	-0.0648-0.0865i	-58.0897+2.4027i	0.2486+0.1341i	0.0469-0.0825i	-2.4086-1.0695i	0.4890+0.1379i	0.7360-0.2294i
57.3	-0.1939-0.0434i	-0.0919-0.0880i	-58.3751+2.7631i	0.2334+0.1344i	0.0384-0.0976i	-2.4297-1.0857i	0.4828+0.1359i	0.7001-0.2724i
57.4	-0.2007-0.0436i	-0.1295-0.0404i	-59.3205+3.6642i	0.2171+0.1424i	0.0571-0.1141i	-2.4515-1.0677i	0.4523+0.1322i	0.7048-0.3035i
57.5	-0.2104-0.0527i	-0.1884+0.0104i	-60.6171+3.9824i	0.2192+0.1431i	0.0451-0.1411i	-2.4931-1.0461i	0.4411+0.1258i	0.6683-0.3451i
57.6	-0.2399-0.0431i	-0.2248+0.0590i	-60.3830+3.9222i	0.2037+0.1516i	0.0298-0.1358i	-2.5198-1.0281i	0.4222+0.1347i	0.6268-0.3275i
57.7	-0.2536-0.0313i	-0.2246+0.0996i	-60.2831+4.3524i	0.1965+0.1695i	0.0241-0.1434i	-2.5292-1.0154i	0.4055+0.1449i	0.5953-0.3474i
57.8	-0.2413-0.0466i	-0.2225+0.1648i	-61.5461+4.7391i	0.2055+0.1706i	0.0275-0.1620i	-2.4803-1.0070i	0.4072+0.1480i	0.6078-0.3766i
57.9	-0.2544-0.0623i	-0.2429+0.2145i	-61.9612+5.1447i	0.2151+0.1712i	0.0099-0.1846i	-2.5170-1.0644i	0.4158+0.1530i	0.5786-0.4091i
58.0	-0.2677-0.0683i	-0.2979+0.2994i	-62.9699+5.3353i	0.2333+0.1488i	-0.0058-0.1820i	-2.6448-1.0295i	0.4163+0.1496i	0.5348-0.3964i
58.1	-0.2745-0.0700i	-0.2988+0.3708i	-63.7754+5.7030i	0.2219+0.1425i	0.0105-0.1497i	-2.7029-0.9625i	0.4065+0.1668i	0.5457-0.3496i
58.2	-0.2565-0.0802i	-0.2954+0.4086i	-64.7249+6.3999i	0.1966+0.1598i	0.0972-0.1724i	-2.6869-0.9387i	0.4259+0.1797i	0.6762-0.3953i
58.3	-0.2822-0.1233i	-0.3322+0.5016i	-65.3413+6.7490i	0.1909+0.1762i	0.0810-0.2837i	-2.7789-0.9855i	0.4269+0.1517i	0.6514-0.5637i
58.4	-0.3154-0.1420i	-0.2973+0.6118i	-65.5655+6.8575i	0.2076+0.1822i	0.0189-0.3227i	-2.8650-0.9812i	0.4273+0.1541i	0.5807-0.6297i
58.5	-0.3482-0.1556i	-0.1867+0.6818i	-66.5216+7.0863i	0.2222+0.1651i	-0.0349-0.3229i	-2.9327-0.9283i	0.4409+0.1438i	0.5246-0.6597i
58.6	-0.3990-0.1583i	-0.0608+0.7587i	-66.9809+8.0091i	0.2176+0.1666i	-0.0842-0.3198i	-2.9636-0.8361i	0.4372+0.1539i	0.4514-0.6855i
58.7	-0.4370-0.1423i	0.0390+0.7803i	-67.4351+9.4055i	0.2207+0.1675i	-0.1285-0.3247i	-3.0121-0.7443i	0.4510+0.1518i	0.3755-0.7221i
58.8	-0.4827-0.1348i	0.1358+0.7988i	-68.3227+9.8562i	0.2224+0.1577i	-0.1763-0.3184i	-3.0663-0.6855i	0.4610+0.1404i	0.3033-0.7469i
58.9	-0.5177-0.1180i	0.1840+0.7938i	-68.6360+10.2444i	0.2266+0.1552i	-0.1982-0.2900i	-3.1195-0.5703i	0.4669+0.1361i	0.2227-0.7297i
59.0	-0.5310-0.0965i	0.1767+0.7600i	-68.6662+9.9395i	0.2321+0.1474i	-0.2059-0.2570i	-3.1765-0.4840i	0.4779+0.1117i	0.1648-0.7347i
59.1	-0.5670-0.0693i	0.2095+0.7407i	-69.4531+10.6722i	0.2240+0.1397i	-0.2166-0.2197i	-3.2372-0.3444i	0.4805+0.0935i	0.0946-0.7260i
59.2	-0.6026-0.0162i	0.3170+0.6305i	-69.7029+11.1586i	0.2194+0.1123i	-0.2352-0.1742i	-3.1840-0.2156i	0.4775+0.0644i	0.0139-0.6471i
59.3	-0.5933+0.0329i	0.3333+0.5592i	-70.3731+11.0084i	0.2148+0.0946i	-0.2262-0.1394i	-3.1039-0.0885i	0.4615+0.0252i	-0.0206-0.5885i
59.4	-0.5908+0.0821i	0.2886+0.5580i	-71.3162+11.3050i	0.1883+0.0843i	-0.1852-0.1288i	-2.9865+0.0428i	0.4343-0.0096i	-0.0477-0.5495i
59.5	-0.5947+0.0914i	0.2834+0.5273i	-72.4870+11.9251i	0.1593+0.0649i	-0.1628-0.1082i	-2.8429+0.0878i	0.4014-0.0207i	-0.0624-0.4722i
59.6	-0.5726+0.1071i	0.2668+0.5246i	-72.6768+11.2013i	0.1323+0.0712i	-0.1320-0.1003i	-2.6690+0.0660i	0.3690-0.0225i	-0.0438-0.3978i
59.7	-0.5500+0.1242i	0.2429+0.5455i	-74.1202+11.3316i	0.1130+0.0900i	-0.1111-0.1212i	-2.5564+0.0191i	0.3457-0.0211i	-0.0235-0.3807i
59.8	-0.5774+0.1187i	0.2387+0.5612i	-75.4806+11.9287i	0.0765+0.1063i	-0.0757-0.1315i	-2.4876-0.0526i	0.3192-0.0048i	0.0135-0.3694i
59.9	-0.6025+0.1047i	0.2401+0.5961i	-76.1897+12.3893i	0.0644+0.1262i	-0.0524-0.1485i	-2.4624-0.1241i	0.3206+0.0211i	0.0229-0.3547i
60.0	-0.5861+0.1187i	0.2478+0.6251i	-76.1998+14.8135i	0.0760+0.1551i	-0.0571-0.1665i	-2.5173-0.1956i	0.3258+0.0650i	0.0106-0.3423i
60.1	-0.6106+0.1325i	0.2801+0.7206i	-79.6637+15.1020i	0.0471+0.1805i	-0.0615-0.2056i	-2.5472-0.2303i	0.2859+0.0903i	0.0471-0.3638i
60.2	-0.6306+0.1474i	0.3218+0.7564i	-81.3088+15.0176i	0.0370+0.1924i	-0.0655-0.2377i	-2.6117-0.2704i	0.2764+0.0765i	0.0720-0.3614i
60.3	-0.6714+0.1700i	0.3638+0.7699i	-81.9843+16.0343i	0.0229+0.2104i	-0.0638-0.2569i	-2.6879-0.2646i	0.2722+0.0827i	0.0756-0.3795i
60.4	-0.6725+0.2070i	0.4683+0.8043i	-83.5869+16.8226i	0.0288+0.2335i	-0.0923-0.3005i	-2.7125-0.2881i	0.2723+0.0952i	0.0690-0.4156i
60.5	-0.6716+0.2557i	0.5698+0.8048i	-84.9721+17.6712i	0.0369+0.2642i	-0.1239-0.3305i	-2.7645-0.3074i	0.2632+0.1012i	0.0513-0.4355i
60.6	-0.6773+0.3252i	0.6838+0.7399i	-86.1701+18.2592i	0.0361+0.2963i	-0.1674-0.3426i	-2.8462-0.3374i	0.2459+0.1034i	0.0205-0.4395i
60.7	-0.6323+0.3734i	0.7748+0.6380i	-87.3009+19.6080i	0.0624+0.3215i	-0.2282-0.3536i	-2.9110-0.2870i	0.2358+0.1352i	-0.0202-0.4570i
60.8	-0.5626+0.3584i	0.7764+0.4382i	-87.7909+21.3518i	0.0985+0.3129i	-0.3019-0.3089i	-2.9411-0.2678i	0.2338+0.1591i	-0.0882-0.4476i
60.9	-0.5547+0.3340i	0.6672+0.3364i	-88.3889+22.9857i	0.0898+0.3013i	-0.3172-0.2561i	-2.9697-0.2505i	0.2459+0.1768i	-0.1059-0.4160i
61.0	-0.5646+0.3112i	0.5614+0.3189i	-89.4660+22.9933i	0.0874+0.3001i	-0.3021-0.2127i	-3.0235-0.2101i	0.2598+0.1938i	-0.1236-0.3731i
61.1	-0.6090+0.2851i	0.4698+0.3254i	-90.3121+24.0350i	0.0737+0.2884i	-0.2831-0.1641i	-3.1075-0.1638i	0.2886+0.1926i	-0.1198-0.3085i
61.2	-0.6382+0.3040i	0.4744+0.3644i	-91.3243+25.9786i	0.0697+0.3007i	-0.2721-0.1610i	-3.1423-0.0741i	0.2989+0.1946i	-0.1212-0.3007i
61.3	-0.6754+0.3455i	0.4287+0.3968i	-93.1852+26.5651i	0.0595+0.3258i	-0.2366-0.1585i	-3.2209-0.0107i	0.3200+0.2068i	-0.0955-0.2924i
61.4	-0.7032+0.3606i	0.4244+0.4140i	-94.8386+27.2413i	0.0532+0.3314i	-0.2183-0.1500i	-3.2537+0.0803i	0.3315+0.2142i	-0.0859-0.2784i
61.5	-0.7137+0.3977i	0.4410+0.4135i	-95.3775+29.0752i	0.0600+0.3571i	-0.2161-0.1423i	-3.2219+0.1059i	0.3539+0.2137i	-0.0818-0.2759i
61.6	-0.7233+0.4361i	0.4374+0.4009i	-96.5294+30.6640i	0.0652+0.3748i	-0.2034-0.1470i	-3.2073+0.2230i	0.3760+0.2293i	-0.0676-0.2558i
61.7	-0.7513+0.4734i	0.4000+0.4034i	-97.6458+30.9049i	0.0605+0.3899i	-0.1712-0.1523i	-3.2614+0.2739i	0.3783+0.2285i	-0.0670-0.2453i
61.8	-0.7797+0.5251i	0.3697+0.4012i	-99.4858+32.5586i	0.0564+0.4067i	-0.1493-0.1630i	-3.1963+0.3363i	0.4173+0.2195i	-0.0467-0.2517i
61.9	-0.7655+0.5866i	0.3805+0.4067i	-100.4520+34.5938i	0.0695+0.4306i	-0.1621-0.1799i	-3.1305+0.3884i	0.4388+0.1988i	-0.0574-0.2494i
62.0	-0.7541+0.6347i	0.3639+0.4619i	-100.9356+33.9014i	0.0754+0.4657i	-0.1478-0.2067i	-3.1354+0.4271i	0.4408+0.1974i	-0.0685-0.2568i
62.1	-0.7392+0.6943i	0.3388+0.4834i	-103.8933+35.5808i	0.0851+0.4757i	-0.1337-0.2264i	-3.1556+0.4970i	0.4554+0.1814i	-0.0467-0.2533i
62.2	-0.7163+0.7258i	0.3330+0.5128i	-105.4882+36.5632i	0.1055+0.4932i	-0.1375-0.2447i	-3.0920+0.5358i	0.4791+0.1777i	-0.0417-0.2557i
62.3	-0.6753+0.7953i	0.3449+0.5588i	-108.7542+38.3712i	0.1235+0.5165i	-0.1616-0.2866i	-3.1007+0.5503i	0.4762+0.1448i	-0.0327-0.2677i

62.4	−0.6453+0.8396i	0.3610+0.5533i	−109.6516+40.9683i	0.1369+0.5288i	−0.1842−0.2919i	−3.0963+0.5470i	0.4710+0.1166i	−0.0335−0.2641i
62.5	−0.6235+0.8489i	0.3561+0.5759i	−112.4684+42.7909i	0.1581+0.5429i	−0.1750−0.2846i	−3.0814+0.5111i	0.4840+0.1196i	−0.0591−0.2775i
62.6	−0.5968+0.8809i	0.3667+0.5784i	−114.3501+45.6735i	0.1850+0.5434i	−0.1854−0.2973i	−3.0781+0.5099i	0.4982+0.0864i	−0.0590−0.2827i
62.7	−0.5767+0.9401i	0.3910+0.5914i	−117.9290+48.1508i	0.1841+0.5461i	−0.2070−0.3329i	−3.0948+0.5752i	0.4782+0.0662i	−0.0492−0.2984i
62.8	−0.5753+0.9940i	0.3819+0.6107i	−120.1702+51.2584i	0.1833+0.5702i	−0.2133−0.3542i	−3.1707+0.5200i	0.4686+0.0336i	−0.0633−0.3157i
62.9	−0.5046+0.9911i	0.3745+0.6133i	−119.6610+55.8796i	0.2205+0.5759i	−0.2476−0.3402i	−3.1970+0.5023i	0.4614+0.0384i	−0.0809−0.3033i
63.0	−0.4580+1.0435i	0.3835+0.6122i	−122.2360+58.5703i	0.2432+0.5856i	−0.2559−0.3526i	−3.2428+0.5355i	0.4505+0.0196i	−0.0809−0.3074i
63.1	−0.4080+1.1232i	0.4063+0.6196i	−127.2762+63.7932i	0.2650+0.6023i	−0.2805−0.3731i	−3.3619+0.5661i	0.4278−0.0140i	−0.0953−0.3317i
63.2	−0.3615+1.1408i	0.4076+0.6454i	−127.7442+68.0118i	0.2867+0.5996i	−0.2977−0.3756i	−3.4368+0.5341i	0.4016−0.0345i	−0.1301−0.3259i
63.3	−0.2655+1.1812i	0.4106+0.6486i	−127.3739+72.7622i	0.3272+0.6016i	−0.3163−0.3786i	−3.5227+0.6114i	0.3748−0.0376i	−0.1459−0.3166i
63.4	−0.2105+1.1812i	0.3817+0.6352i	−127.3537+75.2820i	0.3428+0.5975i	−0.3189−0.3704i	−3.5198+0.6363i	0.3591−0.0370i	−0.1382−0.3223i
63.5	−0.1530+1.1725i	0.3604+0.6409i	−128.6950+79.6987i	0.3605+0.5736i	−0.3148−0.3692i	−3.6411+0.7348i	0.3282−0.0376i	−0.1549−0.3183i
63.6	−0.0418+1.1901i	0.3479+0.6427i	−129.1975+87.4522i	0.3956+0.5553i	−0.3517−0.3878i	−3.7463+0.9050i	0.2992−0.0304i	−0.1966−0.3028i
63.7	0.0391+1.1912i	0.3258+0.6733i	−127.2516+93.0837i	0.4062+0.5494i	−0.3702−0.4009i	−3.7578+1.0278i	0.2729−0.0245i	−0.2123−0.3089i
63.8	0.0761+1.1526i	0.2904+0.6986i	−126.6737+95.9837i	0.4063+0.5313i	−0.3765−0.3981i	−3.7882+1.0493i	0.2556−0.0089i	−0.2307−0.2994i
63.9	0.1116+1.1118i	0.2627+0.7127i	−127.3956+100.6036i	0.4062+0.5028i	−0.3956−0.4100i	−3.8593+1.1529i	0.2425+0.0168i	−0.2234−0.2883i
64.0	0.1579+1.1071i	0.2025+0.7566i	−127.6778+105.7009i	0.4115+0.4919i	−0.3960−0.4342i	−3.9509+1.2323i	0.2322+0.0120i	−0.2337−0.2792i
64.1	0.2027+1.1075i	0.1762+0.8183i	−130.3446+109.2147i	0.4109+0.4867i	−0.4227−0.4562i	−4.0404+1.3340i	0.2252+0.0205i	−0.2528−0.2721i
64.2	0.2493+1.0745i	0.1399+0.8878i	−129.5787+114.7125i	0.4069+0.4790i	−0.4601−0.4605i	−4.0771+1.4405i	0.2128+0.0383i	−0.2654−0.2746i
64.3	0.2973+1.0185i	0.1064+0.9943i	−125.0416+119.3564i	0.3895+0.4963i	−0.5101−0.4587i	−3.9751+1.5192i	0.2166+0.0683i	−0.2661−0.2624i
64.4	0.3057+1.0058i	0.1412+1.0590i	−126.7318+121.9494i	0.3852+0.4726i	−0.5269−0.4784i	−4.1181+1.6565i	0.1945+0.0622i	−0.2903−0.2363i
64.5	0.3229+0.9812i	0.1261+1.1966i	−129.8019+129.2687i	0.3717+0.4781i	−0.5655−0.4877i	−4.2423+1.8032i	0.1860+0.0784i	−0.3134−0.2425i
64.6	0.3423+0.9651i	0.0998+1.3078i	−127.6213+132.8594i	0.3471+0.4903i	−0.6083−0.5040i	−4.2691+1.9034i	0.1722+0.0947i	−0.3190−0.2277i
64.7	0.3860+0.9708i	0.1070+1.4104i	−127.7765+138.9686i	0.3219+0.4998i	−0.6725−0.5267i	−4.2996+2.1314i	0.1514+0.1111i	−0.3362−0.2004i
64.8	0.4416+0.9340i	0.1945+1.5775i	−125.2831+149.6648i	0.3283+0.5340i	−0.7528−0.4885i	−4.2811+2.3480i	0.1608+0.1229i	−0.3583−0.1654i
64.9	0.4531+0.9262i	0.2248+1.7455i	−123.0260+154.6966i	0.3046+0.5577i	−0.7887−0.4843i	−4.2776+2.5417i	0.1469+0.1582i	−0.3576−0.1673i
65.0	0.4832+0.9157i	0.3098+1.9178i	−124.5198+161.0485i	0.3090+0.5640i	−0.8445−0.4772i	−4.4017+2.7107i	0.1243+0.1590i	−0.3683−0.1530i
65.1	0.5253+0.8492i	0.4584+2.0481i	−121.6878+170.7844i	0.3217+0.5854i	−0.9125−0.4194i	−4.3640+2.9578i	0.1370+0.1908i	−0.3801−0.1238i
65.2	0.5548+0.8133i	0.6325+2.1830i	−114.4167+179.0087i	0.3305+0.6192i	−0.9630−0.3778i	−4.2218+3.1733i	0.1478+0.2254i	−0.3961−0.0950i
65.3	0.5405+0.7880i	0.8197+2.3679i	−113.1949+188.8846i	0.3272+0.6555i	−1.0104−0.3426i	−4.2215+3.4166i	0.1450+0.2635i	−0.4025−0.0747i
65.4	0.5371+0.7684i	1.0160+2.4624i	−108.0783+196.6137i	0.3144+0.6698i	−1.0397−0.3106i	−4.1969+3.7198i	0.1370+0.2980i	−0.3871−0.0397i
65.5	0.5375+0.7268i	1.2579+2.4951i	−99.5399+202.3903i	0.2961+0.6647i	−1.0765−0.2633i	−4.1063+3.9987i	0.1303+0.3337i	−0.3624−0.0194i
65.6	0.5112+0.7204i	1.5063+2.5704i	−92.9652+207.3835i	0.3054+0.6913i	−1.0904−0.2184i	−4.0175+4.1780i	0.1478+0.3563i	−0.3560−0.0144i
65.7	0.5194+0.6969i	1.7998+2.5774i	−81.5691+212.4561i	0.3475+0.7365i	−1.1163−0.1372i	−3.7155+4.3713i	0.1885+0.3888i	−0.3565−0.0071i
65.8	0.5571+0.6936i	2.1995+2.5648i	−69.6522+223.4084i	0.3564+0.7938i	−1.1930−0.0599i	−3.4011+4.7614i	0.2303+0.4151i	−0.3662+0.0196i
65.9	0.5561+0.7083i	2.4575+2.5187i	−62.5889+227.2800i	0.3556+0.8131i	−1.2188−0.0261i	−3.2714+4.9222i	0.2430+0.4261i	−0.3648+0.0237i
66.0	0.5709+0.7241i	2.7455+2.3601i	−50.5186+232.8676i	0.3583+0.8348i	−1.2453+0.0470i	−2.9930+5.1692i	0.2804+0.4440i	−0.3491+0.0366i
66.1	0.5736+0.7172i	3.0781+2.1141i	−34.4310+236.5624i	0.3887+0.8758i	−1.2420+0.1580i	−2.5915+5.3186i	0.3245+0.4611i	−0.3517+0.0757i
66.2	0.5725+0.7034i	3.2831+1.9123i	−25.5264+238.1237i	0.3951+0.9139i	−1.2277+0.2476i	−2.3239+5.3868i	0.3558+0.4661i	−0.3339+0.0903i
66.3	0.5815+0.6985i	3.4217+1.6334i	−14.5636+234.1398i	0.4175+0.9749i	−1.1820+0.3308i	−1.9966+5.4056i	0.3938+0.4671i	−0.3131+0.0993i
66.4	0.5926+0.6941i	3.5539+1.3410i	−0.4439+231.3934i	0.4780+1.0822i	−1.1186+0.4363i	−1.5157+5.3099i	0.4402+0.4536i	−0.3043+0.1074i
66.5	0.6358+0.7538i	3.7267+1.0699i	11.4509+233.9232i	0.5063+1.1669i	−1.0984+0.4829i	−1.1822+5.4671i	0.4670+0.4378i	−0.3013+0.1269i
66.6	0.7136+0.7932i	3.8220+0.8129i	23.5605+235.6458i	0.5390+1.2292i	−1.0897+0.5142i	−0.8641+5.6329i	0.4600+0.4364i	−0.2896+0.1457i
66.7	0.7720+0.7767i	3.8604+0.5906i	32.7816+231.4199i	0.6385+1.2474i	−1.0510+0.5409i	−0.5974+5.5274i	0.4813+0.4168i	−0.2808+0.1505i
66.8	0.8326+0.7892i	3.8733+0.2877i	41.0240+224.4087i	0.7472+1.2864i	−1.0023+0.5551i	−0.2973+5.3691i	0.5058+0.4199i	−0.2625+0.1528i
66.9	0.9059+0.7961i	3.8891−0.0211i	50.3646+220.0566i	0.8595+1.3067i	−0.9619+0.5906i	−0.0310+5.2577i	0.5177+0.4058i	−0.2706+0.1608i
67.0	0.9867+0.7394i	3.8413−0.3717i	60.4096+210.5700i	0.9917+1.2752i	−0.9242+0.6155i	0.2369+4.9903i	0.5391+0.3829i	−0.2559+0.1676i
67.1	1.0585+0.7049i	3.7757−0.6382i	67.2028+204.4673i	1.0745+1.2679i	−0.9081+0.6453i	0.4762+4.8598i	0.5581+0.3800i	−0.2437+0.1652i
67.2	1.1555+0.6707i	3.6641−0.8674i	72.2343+200.3894i	1.1306+1.2715i	−0.9095+0.6772i	0.7383+4.8128i	0.5634+0.3939i	−0.2380+0.1782i
67.3	1.2619+0.6124i	3.5240−1.1792i	78.9182+194.4966i	1.2278+1.2171i	−0.9052+0.6914i	0.9385+4.6669i	0.5811+0.3825i	−0.2317+0.1900i
67.4	1.3134+0.5341i	3.3573−1.3884i	83.9111+187.7802i	1.2785+1.1592i	−0.8806+0.7136i	1.0794+4.4807i	0.5829+0.3637i	−0.2162+0.1857i
67.5	1.3431+0.4485i	3.1636−1.5511i	86.7043+180.2671i	1.3201+1.1057i	−0.8525+0.7314i	1.1860+4.2488i	0.5879+0.3470i	−0.1930+0.1965i
67.6	1.3947+0.3339i	2.9698−1.7579i	92.4962+171.6482i	1.4160+1.0814i	−0.8163+0.7795i	1.4041+3.9428i	0.6125+0.3549i	−0.2022+0.2138i
67.7	1.4117+0.1980i	2.7245−1.9168i	96.5331+163.1416i	1.4958+1.0050i	−0.7670+0.8247i	1.4975+3.6413i	0.6403+0.3356i	−0.1884+0.2396i
67.8	1.4030+0.1042i	2.4757−1.9857i	97.9699+156.2096i	1.5116+0.9432i	−0.7303+0.8335i	1.5343+3.4881i	0.6303+0.3207i	−0.1697+0.2382i
67.9	1.4197+0.0234i	2.2699−2.0418i	99.8722+152.2279i	1.5224+0.9166i	−0.7139+0.8607i	1.6410+3.4136i	0.6185+0.3236i	−0.1637+0.2288i
68.0	1.3884−0.0374i	2.0354−2.0589i	98.6642+145.2627i	1.5275+0.8523i	−0.6788+0.8661i	1.5780+3.2580i	0.6184+0.3087i	−0.1410+0.2359i
68.1	1.3583−0.1402i	1.8336−2.0930i	102.1171+138.8281i	1.5831+0.8004i	−0.6399+0.8905i	1.6393+3.0214i	0.6426+0.3022i	−0.1264+0.2475i
68.2	1.3042−0.2219i	1.5810−2.1134i	104.8582+131.8132i	1.6286+0.7376i	−0.5669+0.9190i	1.6746+2.7829i	0.6649+0.2811i	−0.1036+0.2545i
68.3	1.2799−0.3049i	1.4045−2.1129i	105.9864+128.6175i	1.6425+0.7198i	−0.5398+0.9506i	1.7578+2.6668i	0.6667+0.2877i	−0.0887+0.2614i
68.4	1.2336−0.3648i	1.2363−2.0591i	106.9777+123.1308i	1.6572+0.6837i	−0.5102+0.9572i	1.7910+2.4970i	0.6901+0.2804i	−0.0709+0.2446i
68.5	1.2040−0.4188i	1.0873−2.0000i	107.0789+117.0652i	1.6948+0.6542i	−0.4802+0.9655i	1.8483+2.2455i	0.7139+0.2601i	−0.0653+0.2335i
68.6	1.1723−0.4703i	0.9121−1.9139i	107.9750+112.8267i	1.7361+0.6205i	−0.4286+0.9841i	1.8722+2.0418i	0.7215+0.2482i	−0.0572+0.2412i

68.7	1.1429−0.5232i	0.7786−1.8108i	106.3675+109.3662i	1.7431+0.5855i	−0.3976+1.0006i	1.8277+1.9088i	0.7325+0.2360i	−0.0425+0.2478i
68.8	1.1017−0.5825i	0.6371−1.7045i	106.5816+102.9543i	1.7451+0.5180i	−0.3529+0.9964i	1.7589+1.7350i	0.7184+0.2187i	−0.0373+0.2479i
68.9	1.0659−0.6263i	0.5363−1.6059i	106.6059+98.9121i	1.7450+0.4774i	−0.3216+1.0030i	1.6873+1.6253i	0.6984+0.2181i	−0.0263+0.2477i
69.0	1.0051−0.6612i	0.4728−1.5103i	105.9455+95.7585i	1.7683+0.4740i	−0.2675+1.0165i	1.6204+1.4729i	0.7071+0.2228i	−0.0078+0.2456i
69.1	0.9298−0.6922i	0.4158−1.3590i	105.4652+91.0614i	1.7946+0.4460i	−0.2169+0.9976i	1.5439+1.2688i	0.7207+0.2153i	0.0128+0.2378i
69.2	0.9005−0.7194i	0.3977−1.2730i	106.1980+88.1340i	1.8073+0.4042i	−0.1938+0.9923i	1.5127+1.1881i	0.7190+0.1926i	0.0167+0.2334i
69.3	0.8174−0.7268i	0.3861−1.1470i	104.4761+82.6503i	1.8002+0.3582i	−0.1359+0.9722i	1.3953+1.0449i	0.7047+0.1832i	0.0211+0.2291i
69.4	0.7647−0.7263i	0.3896−1.0677i	102.6129+78.4626i	1.8037+0.3421i	−0.1051+0.9530i	1.2656+0.9604i	0.7089+0.1809i	0.0292+0.2153i
69.5	0.7333−0.7241i	0.3826−1.0018i	100.6655+74.6769i	1.8176+0.3146i	−0.0875+0.9361i	1.1375+0.9146i	0.7102+0.1741i	0.0469+0.2025i
69.6	0.6862−0.7151i	0.3367−0.9508i	100.3162+70.6518i	1.8075+0.2386i	−0.0451+0.8950i	1.0247+0.8727i	0.7010+0.1567i	0.0634+0.1936i
69.7	0.6720−0.7196i	0.3295−0.8583i	98.1378+68.8515i	1.8215+0.2872i	−0.0446+0.9019i	1.0459+0.7785i	0.7159+0.1977i	0.0691+0.1934i
69.8	0.6355−0.7194i	0.3023−0.8148i	98.0203+67.1096i	1.8535+0.2710i	−0.0033+0.8994i	0.9964+0.7048i	0.7167+0.1854i	0.0821+0.1788i
69.9	0.6023−0.7362i	0.3351−0.7277i	97.5915+63.5939i	1.8947+0.2573i	0.0282+0.8927i	0.9322+0.5517i	0.7228+0.1795i	0.0889+0.1671i
70.0	0.5948−0.7443i	0.3577−0.6657i	96.7361+61.7094i	1.9214+0.2598i	0.0302+0.8958i	0.8682+0.5032i	0.7278+0.1856i	0.0896+0.1487i
70.1	0.5502−0.7545i	0.3821−0.5943i	95.3046+57.9500i	1.9687+0.2504i	0.0657+0.8993i	0.7717+0.4059i	0.7445+0.1963i	0.0872+0.1344i
70.2	0.5429−0.7486i	0.4004−0.5754i	94.3945+56.7245i	1.9935+0.2323i	0.0807+0.8881i	0.6665+0.3968i	0.7456+0.2094i	0.0917+0.1255i
70.3	0.5113−0.7483i	0.4085−0.5285i	93.0709+53.9910i	2.0111+0.2203i	0.1208+0.8830i	0.5769+0.3388i	0.7451+0.2194i	0.0852+0.1218i
70.4	0.4581−0.7644i	0.4138−0.4553i	92.4645+49.8738i	2.0839+0.1791i	0.1889+0.8630i	0.4858+0.2125i	0.7735+0.2276i	0.0785+0.1037i
70.5	0.4304−0.7760i	0.4749−0.3971i	91.5076+49.7384i	2.1278+0.1861i	0.2087+0.8525i	0.4420+0.1389i	0.7989+0.2657i	0.0730+0.1009i
70.6	0.4440−0.7836i	0.4982−0.3157i	89.7632+49.4512i	2.1443+0.2112i	0.2027+0.8358i	0.3967+0.1636i	0.8099+0.3391i	0.0749+0.1107i
70.7	0.4170−0.7728i	0.5341−0.2827i	88.0249+46.6671i	2.1988+0.1552i	0.2403+0.7985i	0.2676+0.1112i	0.8567+0.3374i	0.0838+0.1089i
70.8	0.4375−0.7889i	0.5686−0.2627i	85.9513+44.7333i	2.2326+0.0878i	0.2374+0.7795i	0.1577+0.1571i	0.8968+0.3406i	0.0897+0.1031i
70.9	0.4465−0.8103i	0.6447−0.2236i	85.2871+43.5587i	2.3413+0.0386i	0.2289+0.7477i	0.0099+0.0948i	0.9691+0.3487i	0.0975+0.0966i
71.0	0.4302−0.8070i	0.7263−0.2196i	84.0546+42.1649i	2.3970−0.0330i	0.2229+0.7314i	−0.1181+0.0768i	1.0525+0.3074i	0.1074+0.0787i
71.1	0.4215−0.8349i	0.7669−0.2379i	83.0870+39.9305i	2.3696−0.1306i	0.2135+0.7243i	−0.1845+0.1220i	1.0844+0.2332i	0.1126+0.0529i
71.2	0.3862−0.8657i	0.8502−0.2462i	83.1335+38.1774i	2.4356−0.1737i	0.2226+0.7242i	−0.3167+0.0203i	1.1363+0.1968i	0.1158+0.0345i
71.3	0.4087−0.8915i	0.8777−0.2784i	81.9403+37.3276i	2.4670−0.2609i	0.2031+0.7276i	−0.4534+0.0994i	1.1514+0.1519i	0.1151+0.0198i
71.4	0.3988−0.9515i	0.9499−0.3062i	81.1787+36.1785i	2.5356−0.3267i	0.2074+0.7705i	−0.5975+0.1336i	1.1999+0.1006i	0.1109−0.0111i
71.5	0.3587−1.0237i	0.9723−0.3355i	79.9271+34.4290i	2.5010−0.3990i	0.2231+0.8122i	−0.6517+0.1890i	1.1800+0.0606i	0.0927−0.0406i
71.6	0.2981−1.0573i	1.0080−0.3653i	79.6010+33.1343i	2.5467−0.4501i	0.2759+0.8232i	−0.7685+0.1845i	1.1919+0.0353i	0.0735−0.0535i
71.7	0.2623−1.1130i	1.0300−0.4504i	79.6796+31.4696i	2.6525−0.5917i	0.3410+0.8543i	−0.9421+0.2672i	1.2080−0.0478i	0.0516−0.0748i
71.8	0.2128−1.1455i	1.0418−0.4842i	77.8012+30.2135i	2.6574−0.6490i	0.3800+0.8730i	−0.9971+0.3639i	1.2031−0.0617i	0.0293−0.0795i
71.9	0.1639−1.1688i	1.0156−0.5022i	76.4264+29.3073i	2.5817−0.6954i	0.4121+0.8722i	−0.9845+0.4866i	1.1624−0.0669i	0.0047−0.0785i
72.0	0.1026−1.1654i	0.9702−0.5584i	74.7400+27.5919i	2.5313−0.8148i	0.4596+0.8397i	−1.0522+0.6338i	1.1158−0.1146i	−0.0275−0.0728i
72.1	−0.0266−1.2125i	1.0194−0.6271i	76.3516+26.2144i	2.6687−0.9513i	0.5830+0.8492i	−1.1636+0.6610i	1.1864−0.1767i	−0.0601−0.0835i
72.2	−0.1431−1.2385i	1.0363−0.6345i	76.1388+25.8325i	2.7097−1.0296i	0.6780+0.8350i	−1.2072+0.7305i	1.2147−0.1700i	−0.0797−0.0748i
72.3	−0.1945−1.1996i	1.0289−0.6779i	75.0787+25.5335i	2.6882−1.0833i	0.7047+0.7954i	−1.2510+0.8275i	1.2220−0.1765i	−0.0920−0.0615i
72.4	−0.2839−1.1603i	0.9995−0.7218i	73.8984+23.7832i	2.6647−1.1947i	0.7631+0.7381i	−1.3378+0.9330i	1.2182−0.2105i	−0.1132−0.0486i
72.5	−0.3536−1.1191i	0.9764−0.7494i	73.0096+22.2748i	2.6264−1.3033i	0.7965+0.6813i	−1.3405+1.0445i	1.2155−0.2437i	−0.1217−0.0340i
72.6	−0.4543−1.0899i	0.9666−0.7344i	71.9852+21.1054i	2.6497−1.3476i	0.8666+0.6109i	−1.3576+1.0268i	1.2397−0.2306i	−0.1348−0.0187i
72.7	−0.5778−1.0633i	0.9506−0.7609i	72.9148+19.7067i	2.7084−1.5195i	0.9764+0.5293i	−1.3934+1.1268i	1.2851−0.2733i	−0.1594+0.0040i
72.8	−0.6333−0.9856i	0.9250−0.7743i	72.3574+18.2453i	2.6615−1.6294i	0.9973+0.4453i	−1.3932+1.2700i	1.2955−0.2992i	−0.1706+0.0280i
72.9	−0.6428−0.9092i	0.8790−0.7701i	70.0560+16.8726i	2.5742−1.6712i	0.9753+0.3859i	−1.3974+1.3477i	1.2844−0.3254i	−0.1724+0.0396i
73.0	−0.6634−0.8937i	0.8240−0.7406i	69.0520+15.7189i	2.5128−1.7026i	0.9763+0.3539i	−1.3486+1.4003i	1.2717−0.3400i	−0.1747+0.0521i
73.1	−0.7350−0.7778i	0.8080−0.7460i	69.1014+13.5073i	2.4560−1.9073i	0.9921+0.1945i	−1.3454+1.5357i	1.2922−0.4017i	−0.1670+0.1038i
73.2	−0.7129−0.6900i	0.7985−0.7706i	67.6931+12.4960i	2.4181−1.9946i	0.9623+0.1380i	−1.3678+1.6610i	1.2906−0.4685i	−0.1670+0.1126i
73.3	−0.7220−0.5965i	0.8027−0.7617i	66.5527+11.2774i	2.3366−2.0688i	0.9371+0.0672i	−1.3189+1.7221i	1.2937−0.5196i	−0.1578+0.1250i
73.4	−0.7237−0.5006i	0.7957−0.7714i	65.2352+9.7453i	2.2301−2.1768i	0.8906−0.0280i	−1.2864+1.8069i	1.2893−0.5789i	−0.1435+0.1451i
73.5	−0.6821−0.4432i	0.7813−0.7647i	63.2867+8.4962i	2.1111−2.2597i	0.8301−0.0965i	−1.2377+1.9135i	1.2533−0.6220i	−0.1234+0.1636i
73.6	−0.6815−0.4516i	0.7943−0.7262i	62.8201+8.3826i	2.1403−2.2784i	0.8428−0.1080i	−1.2363+1.9326i	1.2737−0.6325i	−0.1279+0.1720i
73.7	−0.6922−0.3789i	0.8402−0.7352i	62.1304+5.8993i	2.0729−2.4281i	0.7864−0.2044i	−1.2442+1.9999i	1.3008−0.7220i	−0.1159+0.1797i
73.8	−0.6766−0.3203i	0.8637−0.7699i	60.7285+3.9382i	1.9554−2.5725i	0.7180−0.2740i	−1.2269+2.1095i	1.2717−0.7913i	−0.0972+0.1875i
73.9	−0.6767−0.2950i	0.8371−0.7887i	58.5905+3.0210i	1.8069−2.6077i	0.6730−0.2925i	−1.1498+2.1680i	1.2170−0.8148i	−0.0908+0.1926i
74.0	−0.6816−0.2923i	0.8261−0.8271i	57.8743+2.5435i	1.7260−2.6681i	0.6454−0.2922i	−1.1270+2.2720i	1.2012−0.8553i	−0.0901+0.2004i
74.1	−0.6203−0.2316i	0.7668−0.8875i	55.6079+1.0296i	1.5003−2.7142i	0.5447−0.3138i	−1.0331+2.3766i	1.1006−0.9217i	−0.0655+0.2064i
74.2	−0.6710−0.1244i	0.8006−0.9019i	55.1181−0.6612i	1.4276−2.8035i	0.5330−0.4037i	−1.0170+2.4302i	1.1203−0.9908i	−0.0488+0.2217i
74.3	−0.5563−0.0779i	0.7331−0.9444i	52.1131−1.0263i	1.2341−2.7275i	0.4435−0.3585i	−0.8769+2.5039i	1.0058−1.0471i	−0.0424+0.1991i
74.4	−0.5448−0.0456i	0.7065−0.9630i	51.5724−1.4811i	1.1393−2.7816i	0.4099−0.3753i	−0.8166+2.5934i	0.9792−1.0684i	−0.0289+0.2107i
74.5	−0.4864−0.0153i	0.6857−1.0010i	49.9106−2.1886i	1.0597−2.8107i	0.3621−0.3878i	−0.7699+2.6680i	0.9373−1.1128i	−0.0137+0.2094i
74.6	−0.4213+0.0235i	0.6525−1.0379i	47.6343−2.7172i	0.9405−2.8263i	0.2966−0.3905i	−0.7295+2.7419i	0.8665−1.1756i	−0.0001+0.1964i
74.7	−0.4446+0.0398i	0.6609−0.9974i	46.5660−2.1761i	0.9088−2.7824i	0.2869−0.3979i	−0.7137+2.7490i	0.8868−1.1482i	0.0118+0.2013i
74.8	−0.3970+0.0396i	0.6253−1.0408i	45.9488−2.3105i	0.8077−2.8326i	0.2402−0.3806i	−0.6285+2.8813i	0.8472−1.2024i	0.0253+0.1926i
74.9	−0.3494+0.0654i	0.5779−1.0356i	44.0458−2.2615i	0.7330−2.7663i	0.2065−0.3667i	−0.5472+2.8844i	0.8012−1.2157i	0.0363+0.1835i

75.0	-0.3072+0.0588i	0.5389-1.0412i	42.7124-2.5259i	0.6525-2.7642i	0.1823-0.3676i	-0.4543+2.8895i	0.7399-1.2278i	0.0417+0.1796i
75.1	-0.2175+0.0564i	0.4563-1.1047i	40.7008-3.1254i	0.4343-2.8160i	0.1090-0.3271i	-0.2431+3.0817i	0.6059-1.3058i	0.0535+0.1560i
75.2	-0.1625-0.0191i	0.3816-1.0304i	38.8049-2.0408i	0.3968-2.6482i	0.1134-0.2500i	-0.1880+3.0310i	0.5206-1.2231i	0.0246+0.1385i
75.3	-0.1298-0.0423i	0.3206-0.9970i	37.9938-1.8299i	0.3214-2.6015i	0.1096-0.2350i	-0.0851+3.0474i	0.4479-1.2072i	0.0211+0.1347i
75.4	-0.0711+0.0133i	0.3063-1.0622i	36.6848-2.4641i	0.1875-2.7017i	0.0356-0.2441i	0.0379+3.2388i	0.3960-1.3223i	0.0446+0.1090i
75.5	-0.0399-0.0224i	0.2617-1.0650i	35.6656-2.5291i	0.1147-2.6908i	0.0192-0.2048i	0.1354+3.2980i	0.3338-1.3385i	0.0338+0.0880i
75.6	-0.0310-0.0666i	0.2616-1.0153i	34.6481-1.5593i	0.1665-2.6490i	0.0486-0.1851i	0.0917+3.3589i	0.3103-1.2889i	0.0022+0.0887i
75.7	0.0033-0.0583i	0.2509-0.9944i	33.4687-1.4012i	0.0945-2.6302i	0.0188-0.1799i	0.2430+3.3986i	0.2564-1.2852i	0.0169+0.0760i
75.8	0.0741-0.0936i	0.1206-0.9892i	31.8010-2.1246i	-0.1598-2.5260i	-0.0198-0.1299i	0.6334+3.3023i	0.0557-1.2778i	0.0015+0.0536i
75.9	0.0733-0.1646i	0.0664-0.9360i	30.8700-1.1300i	-0.2327-2.4635i	0.0019-0.0970i	0.7654+3.2859i	0.0015-1.2002i	-0.0205+0.0618i
76.0	0.0485-0.1582i	0.1011-0.8619i	30.5072-0.3509i	-0.2154-2.4271i	0.0189-0.1274i	0.8225+3.2911i	0.0214-1.1439i	-0.0317+0.0780i
76.1	0.0569-0.2027i	0.0399-0.8077i	29.3283+0.2032i	-0.3343-2.3616i	0.0179-0.1058i	1.0336+3.2316i	-0.0742-1.1007i	-0.0536+0.0737i
76.2	0.1076-0.2449i	-0.0097-0.8296i	28.0973-0.1648i	-0.5036-2.4053i	-0.0165-0.0840i	1.3413+3.2747i	-0.1886-1.1316i	-0.0610+0.0593i
76.3	0.0602-0.2546i	0.0183-0.7509i	27.9506+0.2784i	-0.4893-2.3514i	0.0045-0.0958i	1.3907+3.2797i	-0.1546-1.0770i	-0.0585+0.0728i
76.4	0.0550-0.3105i	0.0034-0.6751i	27.5567+0.9114i	-0.5175-2.2080i	0.0166-0.0534i	1.4944+3.0911i	-0.1942-1.0052i	-0.0881+0.0580i
76.5	0.0492-0.3804i	-0.0043-0.6426i	26.3258+1.4283i	-0.6336-2.1243i	0.0133-0.0237i	1.6727+2.9338i	-0.2741-0.9225i	-0.1117+0.0659i
76.6	0.0431-0.3774i	0.0158-0.6271i	26.2698+1.6715i	-0.7136-2.0895i	0.0087-0.0353i	1.8877+2.9418i	-0.3009-0.8809i	-0.1168+0.0954i
76.7	0.0072-0.3767i	0.0567-0.5841i	26.2921+2.6190i	-0.6646-2.0398i	0.0211-0.0431i	1.8370+2.8975i	-0.2450-0.8421i	-0.1236+0.1101i
76.8	-0.0504-0.3930i	0.1046-0.5091i	25.4797+3.3781i	-0.6496-1.9665i	0.0457-0.0700i	1.8709+2.7714i	-0.2120-0.7582i	-0.1282+0.1438i
76.9	-0.0399-0.4289i	0.0902-0.4850i	24.8737+3.3295i	-0.7064-1.8444i	0.0531-0.0490i	2.0583+2.4936i	-0.2684-0.6875i	-0.1398+0.1572i
77.0	-0.0353-0.4533i	0.0974-0.4781i	24.3337+3.2624i	-0.7896-1.7440i	0.0280-0.0299i	2.2358+2.2446i	-0.3178-0.6447i	-0.1459+0.1628i
77.1	-0.0993-0.4678i	0.1222-0.4740i	24.1888+3.4571i	-0.8404-1.7103i	0.0448-0.0327i	2.3173+2.1408i	-0.3160-0.6376i	-0.1575+0.1836i
77.2	-0.1470-0.4501i	0.1741-0.4428i	24.2756+3.6971i	-0.8060-1.6131i	0.0556-0.0485i	2.2118+1.9536i	-0.2648-0.5956i	-0.1542+0.1949i
77.3	-0.1900-0.4232i	0.1778-0.3883i	23.3997+4.4476i	-0.7178-1.5015i	0.0728-0.0488i	1.9151+1.8970i	-0.2634-0.5014i	-0.1707+0.2219i
77.4	-0.2004-0.4318i	0.2110-0.3919i	23.5501+4.6934i	-0.7169-1.5411i	0.0894-0.0665i	1.9911+1.9934i	-0.2709-0.4820i	-0.1729+0.2692i
77.5	-0.1722-0.4119i	0.2323-0.4439i	23.3288+5.3138i	-0.7872-1.4731i	0.0727-0.0479i	2.1830+1.8194i	-0.3033-0.4738i	-0.1774+0.2768i
77.6	-0.1652-0.3762i	0.2266-0.4485i	22.6287+5.3621i	-0.8190-1.3010i	0.0564-0.0506i	2.1679+1.5322i	-0.3316-0.3838i	-0.1609+0.2999i
77.7	-0.1800-0.3895i	0.2188-0.4445i	22.8952+5.1730i	-0.7626-1.2758i	0.0902-0.0618i	2.0550+1.5584i	-0.3230-0.3442i	-0.1687+0.3384i
77.8	-0.1572-0.3820i	0.2348-0.4587i	22.5023+5.3072i	-0.7281-1.2305i	0.0727-0.0571i	2.0327+1.4748i	-0.2818-0.3304i	-0.1473+0.3420i
77.9	-0.1387-0.3996i	0.2104-0.4871i	21.9773+5.5453i	-0.7140-1.1761i	0.0653-0.0448i	1.9716+1.3550i	-0.2870-0.2820i	-0.1488+0.3601i
78.0	-0.1084-0.4202i	0.2238-0.4957i	21.9502+5.8890i	-0.6681-1.1831i	0.0719-0.0574i	2.0457+1.4049i	-0.2547-0.2495i	-0.1433+0.4037i
78.1	-0.0865-0.3938i	0.2745-0.4782i	22.0316+5.8325i	-0.5553-1.2061i	0.0598-0.1097i	2.0698+1.5425i	-0.1682-0.2550i	-0.0918+0.4221i
78.2	-0.0735-0.4220i	0.2696-0.4705i	22.0270+5.8466i	-0.5265-1.2376i	0.0437-0.1126i	2.0893+1.5607i	-0.1357-0.2496i	-0.0556+0.4449i
78.3	-0.0889-0.4683i	0.2259-0.4332i	21.3760+6.2973i	-0.4732-1.1703i	0.0537-0.0812i	1.8556+1.4959i	-0.1076-0.1965i	-0.0521+0.4456i
78.4	-0.0851-0.4966i	0.2082-0.4416i	21.5016+6.2710i	-0.4897-1.1616i	0.0521-0.0858i	1.9542+1.4356i	-0.1088-0.1826i	-0.0362+0.4589i
78.5	-0.0834-0.5237i	0.2127-0.4114i	21.3788+6.4071i	-0.4293-1.1484i	0.0503-0.0814i	1.9222+1.4075i	-0.0797-0.1681i	-0.0185+0.4517i
78.6	-0.0836-0.5486i	0.2016-0.3920i	20.9898+6.5840i	-0.4015-1.1439i	0.0472-0.0786i	1.8963+1.3980i	-0.0476-0.1558i	0.0061+0.4603i
78.7	-0.0687-0.5680i	0.2275-0.3395i	20.3324+7.5686i	-0.2979-1.1708i	0.0583-0.0869i	1.7857+1.5810i	0.0048-0.1418i	0.0008+0.4734i
78.8	-0.0724-0.6401i	0.2713-0.3520i	20.2385+7.9868i	-0.2898-1.2861i	0.0519-0.0971i	1.9429+1.7095i	0.0217-0.1777i	0.0158+0.5107i
78.9	-0.1286-0.6937i	0.2649-0.3609i	20.3079+8.2293i	-0.3659-1.3355i	0.0364-0.1006i	2.1218+1.6749i	0.0319-0.1638i	0.0679+0.5373i
79.0	-0.1604-0.7521i	0.2889-0.3906i	20.1310+8.8317i	-0.4307-1.3703i	0.0339-0.0680i	2.3000+1.5492i	-0.0035-0.2096i	0.0715+0.5197i
79.1	-0.2621-0.8142i	0.3064-0.4053i	20.7497+8.7706i	-0.5803-1.4434i	0.0328-0.0785i	2.7040+1.4848i	-0.0267-0.2597i	0.1321+0.5263i
79.2	-0.3615-0.8386i	0.2903-0.4343i	21.2840+9.1453i	-0.7341-1.4470i	0.0213-0.0829i	3.0138+1.2636i	-0.0305-0.2529i	0.2092+0.5361i
79.3	-0.4865-0.8288i	0.2140-0.4560i	21.5671+8.0890i	-0.9109-1.2346i	-0.0095-0.0440i	2.9121+0.4747i	-0.0884-0.1950i	0.2732+0.4770i
79.4	-0.5639-0.7736i	0.1715-0.4138i	21.6118+7.6434i	-0.8968-1.0849i	0.0204-0.0337i	2.5732+0.2690i	-0.1012-0.1421i	0.2743+0.4418i
79.5	-0.5827-0.6944i	0.1649-0.3655i	21.0591+6.8080i	-0.8359-0.9657i	0.0320-0.0372i	2.3904+0.2031i	-0.0758-0.1072i	0.2777+0.4016i
79.6	-0.6191-0.6338i	0.1426-0.3086i	20.8064+6.6286i	-0.7617-0.8621i	0.0559-0.0278i	2.0270+0.1930i	-0.0413-0.0531i	0.2661+0.3640i
79.7	-0.6070-0.6098i	0.1805-0.2767i	20.4689+6.8887i	-0.6994-0.8329i	0.0517-0.0324i	1.9608+0.2172i	0.0032-0.0389i	0.2632+0.3519i
79.8	-0.6523-0.5658i	0.1781-0.2789i	20.1778+6.5077i	-0.7108-0.7662i	0.0580-0.0300i	1.7964+0.1310i	-0.0176-0.0153i	0.2628+0.3288i
79.9	-0.7155-0.5123i	0.1763-0.2664i	20.2048+6.1274i	-0.7394-0.7135i	0.0736-0.0433i	1.7668+0.0750i	-0.0396+0.0026i	0.2725+0.3159i
80.0	-0.6948-0.4977i	0.2259-0.2367i	19.7956+6.2266i	-0.6632-0.7502i	0.0782-0.0748i	1.8406+0.2470i	0.0209+0.0353i	0.2800+0.3409i

2.1.64 Run 6 – VT000 – Accels 25–32

Vertical shaking at 0°. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	11.4144+0.0000i	10.6103+0.0000i	8.8832+0.0000i	8.6479+0.0000i	2.7023+0.0000i	10.4603+0.0000i	7.4485+0.0000i	-9.9727+0.0000i
0.1	1.8712+0.8866i	1.7795+0.8136i	1.4628+0.6104i	1.4282+0.6506i	0.5284+0.3183i	1.6475+0.9481i	1.2258+0.7662i	-1.6191-0.5880i
0.2	-0.0316-0.0273i	-0.0195+0.0078i	0.0046-0.0009i	-0.0057+0.0079i	0.0470+0.0791i	0.0794+0.1145i	0.0345-0.0990i	0.0617-0.0977i
0.3	-0.0385-0.0313i	-0.0085-0.0014i	-0.0019-0.0011i	0.0015-0.0072i	0.0184+0.0374i	0.0446+0.0219i	0.0415-0.0230i	0.0059+0.0097i
0.4	0.0012-0.0035i	0.0014-0.0016i	0.0025-0.0003i	0.0049+0.0003i	-0.0088-0.0203i	-0.0099-0.0038i	0.0040-0.0001i	-0.0037+0.0082i
0.5	0.0024-0.0059i	0.0019-0.0014i	0.0050-0.0032i	0.0025+0.0015i	0.0135+0.0057i	0.0140-0.0053i	-0.0006+0.0123i	0.0020+0.0070i
0.6	-0.0000-0.0033i	0.0004-0.0007i	0.0026-0.0013i	0.0131-0.0074i	0.0024-0.0083i	0.0032-0.0104i	0.0117+0.0037i	0.0015-0.0061i
0.7	-0.0019-0.0018i	-0.0022+0.0011i	-0.0023+0.0025i	0.0017-0.0067i	0.0087-0.0149i	-0.0013-0.0028i	0.0086-0.0042i	-0.0021-0.0035i
0.8	-0.0011-0.0028i	0.0015+0.0006i	0.0021+0.0097i	-0.0073-0.0136i	-0.0003+0.0047i	0.0001-0.0016i	0.0081+0.0025i	0.0014-0.0055i
0.9	-0.0050+0.0007i	0.0027-0.0006i	0.0087+0.0101i	-0.0008+0.0013i	-0.0110+0.0069i	0.0001-0.0005i	0.0012+0.0019i	0.0025-0.0022i
1.0	-0.0056+0.0001i	0.0027+0.0009i	0.0112+0.0029i	-0.0089+0.0008i	-0.0009+0.0108i	0.0009+0.0013i	-0.0008-0.0028i	-0.0008-0.0019i
1.1	-0.0063-0.0005i	0.0037+0.0026i	0.0101+0.0036i	-0.0075-0.0003i	-0.0041+0.0107i	-0.0008+0.0018i	-0.0029-0.0040i	-0.0017-0.0012i
1.2	-0.0075-0.0008i	0.0027-0.0005i	0.0130+0.0008i	-0.0087+0.0009i	-0.0042+0.0052i	-0.0007+0.0006i	-0.0013-0.0014i	0.0006-0.0031i
1.3	-0.0089-0.0026i	0.0036-0.0013i	0.0176+0.0023i	-0.0070-0.0015i	-0.0007+0.0061i	0.0007-0.0002i	-0.0017-0.0000i	0.0002-0.0027i
1.4	-0.0096-0.0009i	0.0050+0.0025i	0.0382+0.0000i	-0.0090-0.0125i	0.0038+0.0108i	0.0030-0.0001i	-0.0030+0.0026i	-0.0023+0.0017i
1.5	-0.0115+0.0001i	0.0079+0.0015i	0.0993-0.0473i	-0.0070-0.0188i	0.0043+0.0039i	0.0016+0.0003i	-0.0042+0.0012i	-0.0032+0.0012i
1.6	-0.0133-0.0010i	0.0087-0.0018i	0.0021-0.0730i	-0.0070-0.0035i	0.0099+0.0062i	0.0019-0.0002i	-0.0003+0.0002i	-0.0002-0.0002i
1.7	-0.0147-0.0018i	0.0106-0.0004i	-0.0500-0.0173i	-0.0051-0.0009i	0.0089-0.0020i	0.0033-0.0002i	-0.0005-0.0027i	-0.0018-0.0014i
1.8	-0.0155-0.0011i	0.0143-0.0058i	-0.0290-0.0062i	0.0005+0.0001i	0.0034-0.0030i	0.0054+0.0003i	-0.0007+0.0008i	-0.0049+0.0001i
1.9	-0.0174-0.0001i	0.0197-0.0225i	-0.0223-0.0088i	0.0045+0.0001i	0.0017-0.0081i	0.0048+0.0011i	-0.0025+0.0034i	-0.0088+0.0014i
2.0	-0.0220+0.0017i	0.0129-0.0375i	-0.0196-0.0044i	-0.0034+0.0051i	0.0071-0.0056i	0.0090-0.0044i	-0.0048+0.0040i	-0.0147+0.0052i
2.1	-0.0237+0.0037i	-0.0025-0.0468i	-0.0229-0.0012i	-0.0064+0.0016i	0.0056-0.0096i	0.0118-0.0208i	-0.0011+0.0052i	-0.0175+0.0248i
2.2	-0.0209+0.0042i	-0.0123-0.0531i	-0.0111+0.0040i	-0.0113+0.0007i	-0.0003-0.0119i	-0.0161-0.0228i	0.0013+0.0074i	0.0180+0.0285i
2.3	-0.0206+0.0030i	-0.0338-0.0661i	-0.0066-0.0032i	-0.0065+0.0057i	-0.0022-0.0154i	-0.0199-0.0064i	0.0046+0.0094i	0.0224+0.0073i
2.4	-0.0215+0.0003i	-0.1189-0.0136i	-0.0127-0.0028i	-0.0042+0.0056i	-0.0194-0.0031i	-0.0078-0.0032i	0.0196+0.0014i	0.0110+0.0026i
2.5	-0.0267-0.0049i	-0.0504+0.0580i	-0.0116+0.0009i	-0.0197+0.0010i	-0.0028+0.0107i	-0.0086-0.0019i	0.0107-0.0092i	0.0080+0.0026i
2.6	-0.0326-0.0044i	-0.0043+0.0285i	-0.0101-0.0009i	-0.0088-0.0019i	0.0011+0.0052i	-0.0073-0.0009i	0.0022-0.0036i	0.0060+0.0012i
2.7	-0.0350-0.0022i	-0.0087+0.0112i	-0.0112-0.0007i	-0.0118-0.0056i	-0.0013-0.0030i	-0.0053-0.0009i	0.0007-0.0016i	0.0068+0.0008i
2.8	-0.0374-0.0015i	-0.0107+0.0049i	-0.0106-0.0028i	-0.0170-0.0034i	-0.0024+0.0012i	-0.0066+0.0004i	0.0003+0.0004i	0.0060-0.0001i
2.9	-0.0405-0.0019i	-0.0134+0.0026i	-0.0097-0.0004i	-0.0122-0.0078i	0.0012+0.0027i	-0.0111-0.0002i	0.0027+0.0002i	0.0031-0.0015i
3.0	-0.0441-0.0010i	-0.0146-0.0008i	-0.0101-0.0007i	-0.0129+0.0017i	0.0029+0.0008i	-0.0089-0.0010i	0.0041+0.0001i	0.0033-0.0004i
3.1	-0.0485-0.0024i	-0.0152-0.0028i	-0.0073-0.0009i	-0.0199+0.0021i	-0.0011-0.0089i	-0.0065-0.0009i	0.0041+0.0031i	0.0038-0.0002i
3.2	-0.0515-0.0027i	-0.0205+0.0015i	-0.0071-0.0002i	-0.0312-0.0077i	-0.0110-0.0005i	-0.0094-0.0014i	0.0059+0.0036i	0.0056-0.0024i
3.3	-0.0551+0.0002i	-0.0154+0.0099i	-0.0071+0.0060i	-0.0308-0.0217i	-0.0040+0.0007i	-0.0088+0.0004i	0.0085-0.0002i	0.0051-0.0022i
3.4	-0.0634-0.0025i	-0.0151+0.0120i	-0.0138+0.0018i	-0.0209-0.0116i	-0.0068-0.0064i	-0.0085+0.0043i	0.0055+0.0051i	0.0035-0.0009i
3.5	-0.0694-0.0010i	-0.0082+0.0136i	-0.0130-0.0043i	-0.0043+0.0082i	0.0137-0.0028i	-0.0083+0.0039i	0.0026+0.0039i	0.0023-0.0064i
3.6	-0.0708-0.0029i	-0.0007+0.0071i	-0.0083-0.0055i	-0.0262+0.0110i	0.0127-0.0123i	-0.0094+0.0047i	0.0029+0.0039i	0.0032-0.0075i
3.7	-0.0758+0.0021i	-0.0165-0.0023i	-0.0115+0.0002i	-0.0335+0.0039i	-0.0049-0.0080i	-0.0012-0.0020i	0.0058+0.0035i	-0.0029+0.0055i
3.8	-0.0808+0.0017i	-0.0161-0.0026i	-0.0098-0.0001i	-0.0279+0.0039i	-0.0087+0.0007i	-0.0027-0.0013i	0.0086+0.0007i	0.0003+0.0027i
3.9	-0.0839+0.0000i	-0.0163-0.0022i	-0.0092+0.0001i	-0.0304+0.0025i	-0.0108+0.0008i	-0.0028-0.0007i	0.0091-0.0003i	0.0007+0.0003i
4.0	-0.0883-0.0004i	-0.0161-0.0013i	-0.0094+0.0002i	-0.0348-0.0002i	-0.0100+0.0006i	-0.0011-0.0000i	0.0087-0.0004i	-0.0015-0.0005i
4.1	-0.0930-0.0007i	-0.0174-0.0013i	-0.0094-0.0002i	-0.0347+0.0023i	-0.0096-0.0019i	0.0002-0.0011i	0.0091-0.0000i	-0.0032+0.0007i
4.2	-0.1003-0.0019i	-0.0171-0.0017i	-0.0086-0.0003i	-0.0380+0.0021i	-0.0100+0.0003i	0.0010-0.0035i	0.0105-0.0005i	-0.0033+0.0031i
4.3	-0.1062-0.0024i	-0.0170-0.0015i	-0.0088+0.0011i	-0.0453-0.0036i	-0.0104+0.0038i	0.0032-0.0056i	0.0111-0.0012i	-0.0043+0.0062i
4.4	-0.1154-0.0015i	-0.0176+0.0000i	-0.0079+0.0040i	-0.0495-0.0086i	-0.0099+0.0067i	0.0026-0.0106i	0.0091-0.0029i	-0.0060+0.0115i
4.5	-0.1237-0.0007i	-0.0182+0.0013i	-0.0076+0.0034i	-0.0495-0.0027i	-0.0074+0.0074i	0.0009-0.0158i	0.0077-0.0031i	-0.0045+0.0169i
4.6	-0.1310-0.0003i	-0.0188-0.0002i	-0.0063+0.0030i	-0.0540+0.0027i	0.0023-0.0011i	-0.0014-0.0270i	0.0072-0.0003i	-0.0012+0.0275i
4.7	-0.1392-0.0003i	-0.0193+0.0023i	-0.0067+0.0089i	-0.0500+0.0005i	0.0011-0.0096i	-0.0229-0.0487i	0.0091+0.0123i	0.0185+0.0478i
4.8	-0.1465-0.0018i	-0.0152+0.0036i	0.0005+0.0074i	-0.0577-0.0009i	-0.0118-0.0064i	-0.0649-0.0497i	0.0237+0.0139i	0.0586+0.0460i
4.9	-0.1524-0.0025i	-0.0153-0.0001i	0.0079-0.0027i	-0.0609+0.0053i	-0.0139-0.0044i	-0.0944+0.0148i	0.0319+0.0051i	0.0875-0.0132i
5.0	-0.1680-0.0106i	-0.0148-0.0069i	-0.0019-0.0084i	-0.0674-0.0149i	-0.0323+0.0093i	-0.0425+0.0589i	0.0413-0.0118i	0.0341-0.0573i
5.1	-0.1854-0.0106i	-0.0136-0.0082i	-0.0079-0.0077i	-0.0795-0.0035i	-0.0318+0.0119i	-0.0115+0.0381i	0.0393-0.0194i	0.0013-0.0373i
5.2	-0.1998-0.0066i	-0.0096-0.0102i	-0.0064-0.0086i	-0.0835+0.0050i	-0.0412+0.0134i	-0.0118+0.0368i	0.0489-0.0278i	-0.0009-0.0349i
5.3	-0.2171+0.0025i	-0.0084-0.0183i	-0.0094-0.0059i	-0.1006-0.0015i	-0.0470+0.0432i	-0.0131+0.0315i	0.0441-0.0643i	-0.0018-0.0245i
5.4	-0.2233+0.0081i	-0.0142-0.0256i	-0.0059-0.0029i	-0.0975+0.0046i	-0.0316+0.0717i	-0.0175+0.0419i	0.0190-0.0997i	0.0102-0.0259i
5.5	-0.2322+0.0146i	-0.0278-0.0370i	0.0001-0.0153i	-0.1158+0.0511i	0.0332+0.0951i	-0.0010+0.0826i	-0.0631-0.1107i	0.0038-0.0633i
5.6	-0.2472+0.0028i	-0.0492-0.0110i	-0.0212-0.0022i	-0.1068+0.0331i	0.0954-0.0195i	0.1726-0.0127i	-0.1278+0.0412i	-0.1597+0.0052i

5.7	-0.2710-0.0009i	-0.0413-0.0012i	-0.0132+0.0137i	-0.1129+0.0193i	0.0560-0.0497i	0.0689-0.1339i	-0.0643+0.0932i	-0.0662+0.1236i
5.8	-0.2911+0.0018i	-0.0335+0.0051i	-0.0040+0.0087i	-0.1077+0.0133i	0.0233-0.0592i	-0.0265-0.1141i	-0.0242+0.0929i	0.0203+0.1054i
5.9	-0.3111+0.0047i	-0.0211+0.0060i	0.0054+0.0106i	-0.1191+0.0064i	-0.0117-0.0618i	-0.1095-0.1004i	0.0303+0.0817i	0.0962+0.0901i
6.0	-0.3367+0.0045i	-0.0180+0.0007i	0.0103-0.0003i	-0.1355+0.0036i	-0.0092-0.0396i	-0.1585-0.0021i	0.0309+0.0391i	0.1449-0.0027i
6.1	-0.3632+0.0071i	-0.0178+0.0017i	0.0038-0.0091i	-0.1435+0.0024i	0.0027-0.0514i	-0.1228+0.0768i	0.0054+0.0399i	0.1108-0.0829i
6.2	-0.4000+0.0154i	-0.0091+0.0062i	-0.0054-0.0096i	-0.1597-0.0015i	-0.0167-0.0834i	-0.0429+0.1013i	0.0097+0.0752i	0.0273-0.1121i
6.3	-0.4310+0.0186i	-0.0006+0.0080i	-0.0097-0.0070i	-0.1713-0.0004i	-0.0427-0.0911i	-0.0044+0.0859i	0.0304+0.0918i	-0.0171-0.0987i
6.4	-0.4680+0.0268i	0.0109+0.0070i	-0.0103-0.0047i	-0.1849+0.0026i	-0.0685-0.0914i	0.0088+0.0696i	0.0599+0.1009i	-0.0371-0.0828i
6.5	-0.5094+0.0405i	0.0258+0.0039i	-0.0091-0.0036i	-0.2007+0.0115i	-0.0973-0.0833i	0.0171+0.0594i	0.0979+0.0925i	-0.0531-0.0701i
6.6	-0.5642+0.0572i	0.0475-0.0010i	-0.0100-0.0028i	-0.2155+0.0191i	-0.1142-0.0744i	0.0296+0.0389i	0.1230+0.0814i	-0.0730-0.0467i
6.7	-0.6210+0.0725i	0.0716-0.0062i	-0.0095-0.0015i	-0.2247+0.0225i	-0.1377-0.0724i	0.0246+0.0184i	0.1538+0.0752i	-0.0762-0.0241i
6.8	-0.7170+0.1044i	0.1160-0.0225i	-0.0101-0.0038i	-0.2384+0.0355i	-0.1733-0.0613i	0.0082+0.0153i	0.1872+0.0519i	-0.0720-0.0162i
6.9	-0.8582+0.1775i	0.1862-0.0598i	-0.0117-0.0050i	-0.2524+0.0536i	-0.2090-0.0475i	-0.0138+0.0330i	0.2125+0.0306i	-0.0668-0.0245i
7.0	-1.0256+0.3940i	0.2857-0.1771i	-0.0181-0.0050i	-0.2505+0.0744i	-0.2953-0.0253i	0.0190+0.0681i	0.2938+0.0117i	-0.1270-0.0359i
7.1	-0.9854+0.7811i	0.2794-0.4166i	-0.0204+0.0017i	-0.2407+0.0829i	-0.3767+0.1104i	0.1006+0.0435i	0.3889-0.1244i	-0.2167+0.0459i
7.2	-0.5630+1.0658i	0.0315-0.6396i	-0.0144+0.0073i	-0.2176+0.0592i	-0.2745+0.3205i	0.0868-0.1372i	0.2907-0.4050i	-0.1453+0.2925i
7.3	-0.0882+0.9413i	-0.3137-0.6492i	-0.0134+0.0077i	-0.2384-0.0245i	-0.0830+0.3365i	-0.1857-0.1331i	-0.0658-0.4339i	0.2206+0.2797i
7.4	0.0098+0.6470i	-0.4629-0.4699i	-0.0087+0.0164i	-0.3210-0.0571i	-0.0348+0.2824i	-0.1675+0.0827i	-0.1205-0.2238i	0.2228+0.0120i
7.5	-0.0410+0.3951i	-0.4981-0.2868i	0.0019+0.0152i	-0.4032-0.0346i	0.0016+0.2584i	-0.0270+0.1172i	-0.0479-0.1442i	0.0746-0.0573i
7.6	-0.1826+0.2667i	-0.4559-0.1846i	0.0042+0.0081i	-0.4583+0.0006i	0.0179+0.2247i	0.0089+0.0732i	-0.0112-0.1385i	0.0242-0.0287i
7.7	-0.3040+0.2202i	-0.4237-0.1428i	0.0029+0.0060i	-0.4964+0.0110i	0.0119+0.2065i	-0.0022+0.0601i	0.0010-0.1437i	0.0244-0.0198i
7.8	-0.4154+0.1924i	-0.4157-0.1258i	0.0043+0.0022i	-0.5559+0.0228i	0.0073+0.2118i	-0.0017+0.0641i	0.0117-0.1615i	0.0179-0.0240i
7.9	-0.5202+0.2035i	-0.4270-0.1202i	0.0037-0.0000i	-0.6307+0.0352i	0.0172+0.2275i	0.0143+0.0653i	0.0058-0.1871i	0.0007-0.0228i
8.0	-0.6028+0.2164i	-0.4531-0.1068i	0.0021-0.0018i	-0.7032+0.0650i	0.0374+0.2389i	0.0333+0.0495i	-0.0077-0.2059i	-0.0180-0.0068i
8.1	-0.7074+0.2465i	-0.4660-0.0827i	0.0043-0.0035i	-0.7805+0.1240i	0.0612+0.2603i	0.0201+0.0496i	-0.0280-0.2294i	-0.0047-0.0039i
8.2	-0.8071+0.2952i	-0.4883-0.0622i	0.0019-0.0040i	-0.8527+0.1829i	0.0932+0.2752i	0.0270+0.0582i	-0.0602-0.2468i	-0.0094-0.0089i
8.3	-0.9338+0.3468i	-0.5295-0.0367i	-0.0003-0.0069i	-0.9595+0.2614i	0.1481+0.2888i	0.0488+0.0521i	-0.1085-0.2684i	-0.0274-0.0010i
8.4	-1.0348+0.4057i	-0.5564-0.0100i	0.0009-0.0074i	-1.0467+0.3292i	0.2006+0.2846i	0.0618+0.0388i	-0.1545-0.2711i	-0.0361+0.0128i
8.5	-1.1811+0.4973i	-0.5977+0.0254i	0.0004-0.0072i	-1.1691+0.4307i	0.2649+0.2636i	0.0620+0.0163i	-0.2172-0.2616i	-0.0304+0.0344i
8.6	-1.3326+0.6039i	-0.6386+0.0602i	0.0010-0.0074i	-1.2987+0.5408i	0.3121+0.2347i	0.0522+0.0005i	-0.2631-0.2454i	-0.0171+0.0489i
8.7	-1.5148+0.7535i	-0.6907+0.1054i	0.0016-0.0092i	-1.4607+0.6986i	0.3705+0.2035i	0.0379-0.0060i	-0.3208-0.2279i	0.0011+0.0544i
8.8	-1.7513+1.0255i	-0.7669+0.1941i	-0.0031-0.0122i	-1.6572+0.9834i	0.4443+0.1303i	0.0274+0.0085i	-0.4179-0.1808i	0.0193+0.0348i
8.9	-1.9647+1.3256i	-0.8320+0.2934i	-0.0144-0.0118i	-1.8210+1.2873i	0.4766+0.0486i	0.0612+0.0164i	-0.4997-0.1005i	-0.0145+0.0229i
9.0	-1.9962+1.8157i	-0.8417+0.4481i	-0.0105+0.0022i	-1.8059+1.7851i	0.4916-0.0376i	0.0538-0.0361i	-0.5181+0.0396i	-0.0056+0.0716i
9.1	-2.0298+2.2636i	-0.8385+0.5854i	0.0056+0.0050i	-1.7453+2.1864i	0.5044-0.1326i	-0.0130-0.0515i	-0.4733+0.1506i	0.0599+0.0789i
9.2	-2.3831+3.2801i	-0.9489+0.8677i	0.0128-0.0056i	-2.0527+3.1040i	0.5652-0.2854i	-0.0318-0.0063i	-0.5255+0.2571i	0.0799+0.0346i
9.3	-1.6123+4.8922i	-0.7486+1.3455i	0.0129-0.0137i	-1.3076+4.6064i	0.4796-0.5438i	-0.0279+0.0187i	-0.4702+0.4950i	0.0796+0.0067i
9.4	0.3553+5.1187i	-0.1800+1.4450i	0.0105-0.0179i	0.5587+4.7673i	0.2037-0.6256i	-0.0058+0.0323i	-0.2123+0.5864i	0.0580-0.0141i
9.5	2.2498+4.5068i	0.3807+1.2985i	0.0061-0.0266i	2.3319+4.1551i	-0.0760-0.6005i	0.0165+0.0286i	0.0577+0.5708i	0.0330-0.0210i
9.6	2.8072+3.0922i	0.5685+0.8991i	0.0006-0.0269i	2.8393+2.8005i	-0.2037-0.4233i	0.0139+0.0209i	0.1847+0.4042i	0.0286-0.0155i
9.7	2.7301+2.1526i	0.5584+0.6257i	-0.0046-0.0268i	2.7564+1.9192i	-0.2292-0.2878i	0.0139+0.0221i	0.2111+0.2745i	0.0245-0.0164i
9.8	2.5189+1.5905i	0.5067+0.4607i	-0.0081-0.0281i	2.5471+1.3920i	-0.2134-0.2023i	0.0142+0.0188i	0.1962+0.1907i	0.0222-0.0125i
9.9	2.2614+1.1958i	0.4389+0.3423i	-0.0113-0.0286i	2.2997+1.0330i	-0.1843-0.1466i	0.0123+0.0163i	0.1658+0.1339i	0.0227-0.0089i
10.0	2.0332+0.9388i	0.3775+0.2661i	-0.0131-0.0242i	2.0836+0.7899i	-0.1602-0.1121i	0.0125+0.0195i	0.1372+0.1034i	0.0275-0.0098i
10.1	1.7837+0.7694i	0.3075+0.2148i	-0.0180-0.0204i	1.8648+0.6297i	-0.1374-0.0927i	0.0103+0.0238i	0.1078+0.0921i	0.0272-0.0168i
10.2	1.5888+0.7173i	0.2541+0.1898i	-0.0185-0.0193i	1.6867+0.5963i	-0.1208-0.0904i	0.0100+0.0297i	0.0942+0.0938i	0.0225-0.0264i
10.3	1.4586+0.7136i	0.2166+0.1790i	-0.0181-0.0184i	1.5752+0.5901i	-0.1148-0.0903i	0.0236+0.0329i	0.0930+0.1015i	0.0062-0.0315i
10.4	1.4272+0.7035i	0.2016+0.1693i	-0.0152-0.0206i	1.5525+0.5856i	-0.1201-0.0884i	0.0283+0.0226i	0.1052+0.1005i	-0.0001-0.0191i
10.5	1.4251+0.6616i	0.1938+0.1532i	-0.0150-0.0249i	1.5499+0.5510i	-0.1280-0.0790i	0.0268+0.0176i	0.1171+0.0904i	0.0003-0.0121i
10.6	1.4172+0.5815i	0.1788+0.1325i	-0.0212-0.0247i	1.5583+0.4753i	-0.1323-0.0639i	0.0268+0.0185i	0.1216+0.0727i	-0.0001-0.0134i
10.7	1.3839+0.4906i	0.1612+0.1116i	-0.0230-0.0248i	1.5382+0.4003i	-0.1329-0.0511i	0.0274+0.0161i	0.1208+0.0563i	-0.0005-0.0109i
10.8	1.3059+0.4001i	0.1391+0.0913i	-0.0235-0.0221i	1.4746+0.3323i	-0.1336-0.0419i	0.0265+0.0114i	0.1179+0.0453i	-0.0000-0.0058i
10.9	1.2390+0.3410i	0.1217+0.0780i	-0.0230-0.0219i	1.4304+0.2778i	-0.1326-0.0317i	0.0245+0.0097i	0.1160+0.0387i	0.0011-0.0033i
11.0	1.1741+0.3213i	0.1010+0.0730i	-0.0246-0.0196i	1.3929+0.2563i	-0.1274-0.0233i	0.0225+0.0100i	0.1112+0.0349i	0.0037-0.0035i
11.1	1.1197+0.3023i	0.0813+0.0686i	-0.0260-0.0202i	1.3645+0.2375i	-0.1251-0.0161i	0.0222+0.0101i	0.1079+0.0317i	0.0037-0.0035i
11.2	1.0699+0.2748i	0.0642+0.0620i	-0.0294-0.0217i	1.3362+0.2145i	-0.1222-0.0075i	0.0215+0.0114i	0.1086+0.0285i	0.0027-0.0062i
11.3	1.0329+0.2561i	0.0541+0.0576i	-0.0304-0.0234i	1.3103+0.1978i	-0.1190-0.0036i	0.0195+0.0100i	0.1119+0.0274i	0.0045-0.0051i
11.4	0.9868+0.2404i	0.0379+0.0524i	-0.0332-0.0213i	1.2833+0.1831i	-0.1164+0.0003i	0.0190+0.0110i	0.1165+0.0242i	0.0035-0.0041i
11.5	0.9493+0.2242i	0.0224+0.0473i	-0.0381-0.0209i	1.2713+0.1713i	-0.1131+0.0052i	0.0186+0.0122i	0.1182+0.0228i	0.0041-0.0051i
11.6	0.9047+0.2108i	0.0042+0.0454i	-0.0410-0.0149i	1.2650+0.1530i	-0.1119+0.0066i	0.0190+0.0126i	0.1243+0.0150i	0.0024-0.0055i
11.7	0.8706+0.2111i	-0.0078+0.0445i	-0.0395-0.0127i	1.2579+0.1474i	-0.1174+0.0051i	0.0194+0.0116i	0.1253+0.0072i	0.0016-0.0048i
11.8	0.8296+0.2056i	-0.0237+0.0422i	-0.0390-0.0110i	1.2465+0.1444i	-0.1212+0.0080i	0.0177+0.0105i	0.1261+0.0007i	0.0035-0.0041i
11.9	0.7922+0.2060i	-0.0396+0.0446i	-0.0414-0.0090i	1.2519+0.1283i	-0.1234+0.0091i	0.0165+0.0120i	0.1281-0.0041i	0.0032-0.0053i

12.0	0.7582+0.2129i	-0.0507+0.0450i	-0.0398-0.0068i	1.2492+0.1311i	-0.1238+0.0095i	0.0151+0.0130i	0.1263-0.0056i	0.0041-0.0062i
12.1	0.7264+0.2311i	-0.0654+0.0479i	-0.0383-0.0043i	1.2513+0.1454i	-0.1272+0.0168i	0.0138+0.0148i	0.1276-0.0091i	0.0055-0.0081i
12.2	0.6947+0.2467i	-0.0808+0.0497i	-0.0349-0.0011i	1.2582+0.1589i	-0.1374+0.0230i	0.0099+0.0181i	0.1317-0.0150i	0.0073-0.0113i
12.3	0.6716+0.2647i	-0.0938+0.0546i	-0.0341+0.0022i	1.2703+0.1588i	-0.1454+0.0279i	0.0088+0.0228i	0.1353-0.0184i	0.0073-0.0144i
12.4	0.6601+0.2999i	-0.1044+0.0623i	-0.0286+0.0064i	1.2945+0.1620i	-0.1473+0.0387i	0.0125+0.0305i	0.1392-0.0233i	0.0027-0.0222i
12.5	0.6636+0.3250i	-0.1109+0.0680i	-0.0187+0.0099i	1.3286+0.1584i	-0.1468+0.0464i	0.0171+0.0361i	0.1451-0.0268i	-0.0020-0.0257i
12.6	0.6698+0.3437i	-0.1229+0.0721i	-0.0010+0.0070i	1.3805+0.1496i	-0.1478+0.0577i	0.0207+0.0424i	0.1544-0.0324i	-0.0067-0.0331i
12.7	0.6754+0.3531i	-0.1333+0.0731i	0.0139-0.0055i	1.4254+0.1419i	-0.1482+0.0658i	0.0265+0.0495i	0.1629-0.0408i	-0.0148-0.0403i
12.8	0.6845+0.3562i	-0.1402+0.0768i	0.0233-0.0223i	1.4613+0.1109i	-0.1476+0.0676i	0.0367+0.0558i	0.1687-0.0517i	-0.0260-0.0448i
12.9	0.6932+0.3520i	-0.1527+0.0765i	0.0279-0.0489i	1.5260+0.0797i	-0.1506+0.0705i	0.0518+0.0618i	0.1788-0.0674i	-0.0448-0.0487i
13.0	0.6950+0.3382i	-0.1728+0.0728i	0.0214-0.0789i	1.5881+0.0457i	-0.1568+0.0734i	0.0739+0.0578i	0.1861-0.0856i	-0.0699-0.0421i
13.1	0.6877+0.3194i	-0.1889+0.0746i	-0.0022-0.1044i	1.6232-0.0131i	-0.1651+0.0822i	0.0913+0.0459i	0.1849-0.1043i	-0.0882-0.0258i
13.2	0.6627+0.3060i	-0.2109+0.0774i	-0.0289-0.1271i	1.6544-0.0730i	-0.1755+0.0980i	0.0991+0.0293i	0.1859-0.1306i	-0.0973-0.0051i
13.3	0.6320+0.3178i	-0.2312+0.0926i	-0.0562-0.1368i	1.6732-0.1538i	-0.1691+0.1169i	0.0997+0.0236i	0.1658-0.1575i	-0.0938+0.0048i
13.4	0.6053+0.3308i	-0.2492+0.1075i	-0.0858-0.1378i	1.6866-0.2276i	-0.1625+0.1317i	0.1138+0.0259i	0.1376-0.1651i	-0.1058+0.0090i
13.5	0.5869+0.3497i	-0.2609+0.1248i	-0.1076-0.1369i	1.6785-0.2953i	-0.1515+0.1442i	0.1371+0.0131i	0.1271-0.1665i	-0.1297+0.0285i
13.6	0.5584+0.3961i	-0.2793+0.1596i	-0.1357-0.1375i	1.6517-0.4035i	-0.1334+0.1490i	0.1514-0.0154i	0.1086-0.1748i	-0.1371+0.0631i
13.7	0.5587+0.4402i	-0.2779+0.1828i	-0.1627-0.1317i	1.5840-0.4339i	-0.1264+0.1486i	0.1481-0.0402i	0.0859-0.1746i	-0.1265+0.0886i
13.8	0.5710+0.4736i	-0.2716+0.1953i	-0.2048-0.1215i	1.5249-0.4469i	-0.1229+0.1352i	0.1424-0.0531i	0.0605-0.1543i	-0.1132+0.0967i
13.9	0.5655+0.4946i	-0.2740+0.2023i	-0.2470-0.0973i	1.5033-0.4442i	-0.1353+0.1253i	0.1574-0.0625i	0.0623-0.1273i	-0.1249+0.1000i
14.0	0.5667+0.5316i	-0.2751+0.1986i	-0.2726-0.0559i	1.4901-0.3773i	-0.1580+0.1195i	0.1661-0.1122i	0.0833-0.1071i	-0.1366+0.1448i
14.1	0.5860+0.5730i	-0.2799+0.2005i	-0.2843-0.0236i	1.5260-0.3358i	-0.1747+0.1249i	0.1517-0.1575i	0.0996-0.1090i	-0.1213+0.1920i
14.2	0.6019+0.6148i	-0.2932+0.1998i	-0.2973+0.0058i	1.5786-0.3075i	-0.1917+0.1349i	0.1298-0.1962i	0.1066-0.1108i	-0.0975+0.2305i
14.3	0.6253+0.6386i	-0.3098+0.1944i	-0.2996+0.0363i	1.6396-0.2719i	-0.2035+0.1397i	0.0903-0.2265i	0.1127-0.1102i	-0.0596+0.2586i
14.4	0.6353+0.6617i	-0.3278+0.1861i	-0.3096+0.0535i	1.7179-0.1963i	-0.2241+0.1396i	0.0587-0.2438i	0.1282-0.1025i	-0.0277+0.2745i
14.5	0.6260+0.7085i	-0.3570+0.1933i	-0.3257+0.0756i	1.7975-0.1698i	-0.2599+0.1530i	0.0216-0.2543i	0.1442-0.0986i	0.0066+0.2821i
14.6	0.6262+0.8410i	-0.3928+0.2410i	-0.3505+0.1365i	1.9098-0.2818i	-0.2945+0.2024i	-0.0247-0.2838i	0.1574-0.1156i	0.0463+0.3138i
14.7	0.7447+0.9755i	-0.4023+0.2854i	-0.3438+0.1947i	2.0029-0.3628i	-0.2889+0.2718i	-0.0897-0.2825i	0.1600-0.1329i	0.1122+0.3240i
14.8	0.9423+1.0519i	-0.3825+0.2882i	-0.3115+0.2530i	2.0498-0.2960i	-0.2612+0.3019i	-0.1403-0.2645i	0.1824-0.1145i	0.1585+0.3022i
14.9	1.1366+1.0102i	-0.3825+0.2853i	-0.2492+0.2791i	2.1821-0.3131i	-0.2595+0.3148i	-0.1809-0.2398i	0.2343-0.1300i	0.1933+0.2815i
15.0	1.2858+0.9122i	-0.4071+0.2758i	-0.2021+0.2670i	2.3948-0.3713i	-0.2696+0.3369i	-0.2247-0.1924i	0.2773-0.1621i	0.2353+0.2410i
15.1	1.3482+0.8103i	-0.4264+0.2581i	-0.2153+0.2386i	2.5439-0.3895i	-0.2842+0.3399i	-0.2305-0.1565i	0.3084-0.1750i	0.2412+0.2081i
15.2	1.3494+0.6492i	-0.4761+0.2527i	-0.2680+0.2179i	2.7555-0.5262i	-0.3079+0.3496i	-0.2083-0.1185i	0.3428-0.2335i	0.2195+0.1809i
15.3	1.3137+0.5893i	-0.5320+0.2670i	-0.3256+0.2507i	2.9505-0.6763i	-0.3583+0.3825i	-0.2014-0.1275i	0.3717-0.2932i	0.2125+0.1995i
15.4	1.2614+0.5585i	-0.6093+0.2690i	-0.4217+0.3061i	3.2471-0.8098i	-0.4306+0.4189i	-0.1946-0.1684i	0.4221-0.3654i	0.1986+0.2523i
15.5	1.2100+0.5957i	-0.6875+0.2960i	-0.5041+0.4262i	3.5126-1.0286i	-0.5106+0.5156i	-0.2346-0.2314i	0.4425-0.4750i	0.2434+0.3394i
15.6	1.2059+0.7046i	-0.7649+0.3661i	-0.5066+0.6477i	3.7272-1.3858i	-0.5615+0.6721i	-0.3671-0.3028i	0.3959-0.6163i	0.3972+0.4338i
15.7	1.2544+0.8769i	-0.8757+0.4370i	-0.4284+0.9900i	3.9967-1.8078i	-0.5962+0.8358i	-0.6012-0.3419i	0.2911-0.6938i	0.6649+0.4770i
15.8	1.4277+1.0012i	-0.9511+0.5435i	-0.1159+1.2085i	4.1292-2.3104i	-0.6022+1.0419i	-0.8391-0.1588i	0.2688-0.6750i	0.9143+0.2746i
15.9	1.6635+1.0836i	-1.0000+0.6792i	0.2339+1.2951i	4.2075-2.8553i	-0.5767+1.3435i	-1.0215+0.1632i	0.2865-0.6959i	1.0974-0.0606i
16.0	2.0005+1.0715i	-1.0082+0.8342i	0.5956+1.2099i	4.2975-3.5373i	-0.4071+1.7260i	-0.9924+0.5663i	0.3840-0.8298i	1.0429-0.4515i
16.1	2.3374+0.9125i	-1.0218+0.9346i	0.8958+1.0145i	4.2983-4.2168i	-0.0363+2.0807i	-0.7814+0.8924i	0.4098-1.0991i	0.8265-0.7393i
16.2	2.5825+0.6652i	-1.1296+1.0238i	1.1123+0.7438i	4.3984-4.9588i	0.4701+2.3461i	-0.4815+1.1203i	0.3091-1.4680i	0.5405-0.9090i
16.3	2.7269+0.4356i	-1.2160+1.2245i	1.1961+0.4291i	4.2403-5.9448i	1.1578+2.3803i	-0.1340+1.1620i	-0.0787-1.7848i	0.2586-0.8993i
16.4	2.8745+0.1350i	-1.2215+1.5599i	1.1368+0.1236i	3.5905-7.1927i	1.6349+1.8925i	0.0831+1.0449i	-0.5490-1.7648i	0.1253-0.8003i
16.5	3.0331-0.1033i	-1.1646+1.9233i	1.0541-0.0486i	2.7086-8.5316i	1.6647+1.8524i	0.1349+1.1352i	-0.7407-1.9082i	0.1114-0.8920i
16.6	3.3093-0.6126i	-0.7476+2.2646i	0.9924-0.2785i	0.1980-9.5956i	2.7878+1.9803i	0.6697+1.2348i	-1.7516-2.1363i	-0.2773-0.9680i
16.7	3.1870-1.3208i	-0.5094+2.2467i	0.8282-0.4274i	-1.8840-8.6359i	3.7277+0.4791i	1.0574+0.6768i	-2.7227-1.1310i	-0.5049-0.5683i
16.8	2.6701-1.9072i	-0.4281+2.3350i	0.6517-0.4111i	-2.8332-7.3852i	3.0643-1.2284i	0.8567+0.1705i	-2.4791+0.3080i	-0.3398-0.3236i
16.9	2.1170-2.1413i	-0.1816+2.6323i	0.4770-0.4691i	-3.4407-6.9768i	1.7953-1.6252i	0.6414+0.1780i	-1.4603+0.7199i	-0.3241-0.4353i
17.0	1.6463-2.0295i	0.3728+2.8477i	0.3645-0.4387i	-4.5200-6.5099i	0.9729-0.9355i	0.7206+0.2520i	-1.0923+0.1421i	-0.5380-0.3867i
17.1	1.4596-2.0326i	0.8820+2.7096i	0.3426-0.4765i	-5.5047-5.1818i	1.3729-0.8226i	0.9026-0.0637i	-1.5685+0.4114i	-0.6330-0.0655i
17.2	1.0168-2.1828i	1.2239+2.6201i	0.2140-0.5432i	-5.5580-3.8905i	0.8983-1.3483i	0.5872-0.4564i	-0.8476+1.0990i	-0.4168+0.2447i
17.3	0.6853-1.9596i	1.6420+2.3771i	0.0647-0.3898i	-5.6933-3.2664i	0.4241-0.9070i	0.2914-0.3279i	-0.4237+0.4210i	-0.1650+0.2321i
17.4	0.6155-1.7668i	1.9104+1.8956i	0.1154-0.2940i	-5.8743-2.2066i	0.5987-0.6620i	0.2793-0.1658i	-0.9856+0.2650i	-0.0445+0.0677i
17.5	0.5157-1.6779i	1.9749+1.4886i	0.1489-0.3073i	-5.6148-1.1850i	0.7128-0.6376i	0.3370-0.1648i	-1.0794+0.6627i	-0.0937-0.0062i
17.6	0.3519-1.6182i	1.8843+1.0902i	0.0844-0.3321i	-4.8564-0.2650i	0.7307-0.8452i	0.2772-0.2527i	-0.7088+0.9249i	-0.0847+0.0286i
17.7	0.1888-1.4947i	1.7747+0.8493i	0.0664-0.3081i	-4.2299+0.1651i	0.5756-0.9689i	0.2022-0.2435i	-0.4872+0.8970i	-0.0490+0.0044i
17.8	0.0496-1.3532i	1.6733+0.6310i	0.0355-0.2904i	-3.6846+0.5420i	0.3761-1.0306i	0.1585-0.2307i	-0.3096+0.8901i	-0.0498-0.0261i
17.9	-0.0269-1.2014i	1.5491+0.4667i	0.0043-0.2833i	-3.1328+0.7262i	0.1536-0.9972i	0.1102-0.2167i	-0.1252+0.8415i	-0.0543-0.0353i
18.0	-0.0390-1.0760i	1.4391+0.3818i	-0.0174-0.2535i	-2.7608+0.7298i	0.0251-0.8916i	0.0834-0.1905i	-0.0122+0.7466i	-0.0617-0.0402i
18.1	-0.0400-0.9810i	1.3409+0.3168i	-0.0242-0.2208i	-2.4760+0.7337i	-0.0554-0.7858i	0.0701-0.1675i	0.0654+0.6440i	-0.0705-0.0392i
18.2	-0.0857-0.8703i	1.2101+0.2385i	-0.0215-0.1866i	-2.1025+0.7460i	-0.1212-0.6643i	0.0655-0.1524i	0.1219+0.5037i	-0.0787-0.0252i

18.3	−0.1241−0.7843i	1.1142+0.2001i	−0.0163−0.1735i	−1.8608+0.7191i	−0.1565−0.5668i	0.0509−0.1477i	0.1304+0.3932i	−0.0688−0.0111i
18.4	−0.1525−0.6862i	1.0303+0.1719i	−0.0190−0.1706i	−1.6300+0.7408i	−0.1830−0.5130i	0.0309−0.1555i	0.1147+0.3144i	−0.0558+0.0028i
18.5	−0.1480−0.5132i	0.9146+0.1696i	−0.0292−0.1720i	−1.2298+0.7027i	−0.2187−0.4407i	−0.0068−0.1449i	0.0677+0.2604i	−0.0363−0.0064i
18.6	0.0041−0.3830i	0.8546+0.2106i	−0.0536−0.1512i	−0.9427+0.3312i	−0.2161−0.3002i	−0.0316−0.0813i	0.0585+0.2759i	−0.0503−0.0324i
18.7	0.1210−0.3996i	0.8493+0.2269i	−0.0502−0.1241i	−1.0495+0.0868i	−0.1363−0.2320i	0.0022−0.0458i	0.0735+0.2588i	−0.0780−0.0255i
18.8	0.1416−0.4373i	0.8201+0.2039i	−0.0366−0.1036i	−1.1725+0.0942i	−0.0741−0.2160i	0.0305−0.0508i	0.0834+0.1972i	−0.0777+0.0015i
18.9	0.1314−0.4448i	0.7716+0.1819i	−0.0330−0.0986i	−1.1355+0.1643i	−0.0529−0.2256i	0.0344−0.0619i	0.0715+0.1568i	−0.0667+0.0193i
19.0	0.1146−0.4389i	0.7245+0.1772i	−0.0377−0.0936i	−1.0533+0.1964i	−0.0563−0.2309i	0.0308−0.0689i	0.0674+0.1285i	−0.0577+0.0311i
19.1	0.1098−0.4141i	0.6829+0.1820i	−0.0237−0.0848i	−0.9857+0.2039i	−0.0561−0.2157i	0.0225−0.0663i	0.0505+0.1104i	−0.0406+0.0316i
19.2	0.0941−0.3813i	0.6350+0.1917i	−0.0155−0.0742i	−0.9155+0.1785i	−0.0521−0.1846i	0.0171−0.0529i	0.0230+0.0980i	−0.0262+0.0193i
19.3	0.1050−0.3515i	0.5955+0.2046i	−0.0086−0.0634i	−0.8594+0.1530i	−0.0359−0.1840i	0.0174−0.0513i	0.0066+0.0874i	−0.0217+0.0191i
19.4	0.1135−0.3258i	0.5620+0.2202i	−0.0050−0.0606i	−0.8090+0.1300i	−0.0262−0.1794i	0.0178−0.0518i	−0.0001+0.0806i	−0.0214+0.0230i
19.5	0.1272−0.3152i	0.5452+0.2454i	−0.0038−0.0620i	−0.7841+0.1182i	−0.0193−0.1786i	0.0194−0.0471i	−0.0094+0.0805i	−0.0200+0.0215i
19.6	0.1363−0.3042i	0.5139+0.2756i	0.0102−0.0617i	−0.7487+0.0971i	−0.0111−0.1763i	0.0174−0.0442i	−0.0183+0.0772i	−0.0137+0.0184i
19.7	0.1392−0.2985i	0.4958+0.2988i	0.0209−0.0643i	−0.7109+0.0807i	−0.0156−0.1777i	0.0183−0.0428i	−0.0251+0.0729i	−0.0140+0.0175i
19.8	0.1483−0.2901i	0.4873+0.3321i	0.0306−0.0713i	−0.7009+0.0568i	−0.0134−0.1723i	0.0238−0.0392i	−0.0337+0.0726i	−0.0180+0.0161i
19.9	0.1543−0.2807i	0.4808+0.3745i	0.0347−0.0856i	−0.7094+0.0033i	−0.0167−0.1609i	0.0192−0.0356i	−0.0428+0.0723i	−0.0087+0.0135i
20.0	0.1488−0.2803i	0.4805+0.4071i	0.0386−0.0765i	−0.6984−0.0169i	−0.0211−0.1587i	0.0134−0.0330i	−0.0421+0.0682i	−0.0010+0.0110i
20.1	0.1517−0.2854i	0.4966+0.4495i	0.0270−0.0991i	−0.7075−0.0040i	−0.0181−0.1579i	0.0187−0.0290i	−0.0415+0.0679i	−0.0047+0.0071i
20.2	0.1479−0.2904i	0.5183+0.4825i	0.0185−0.1117i	−0.7121−0.0011i	−0.0252−0.1583i	0.0186−0.0272i	−0.0449+0.0669i	−0.0028+0.0097i
20.3	0.1302−0.3082i	0.5514+0.5029i	0.0190−0.0973i	−0.7289+0.0394i	−0.0361−0.1528i	0.0198−0.0239i	−0.0491+0.0704i	−0.0040+0.0069i
20.4	0.1000−0.3127i	0.5890+0.5233i	0.0259−0.0994i	−0.7336+0.0722i	−0.0431−0.1441i	0.0248−0.0257i	−0.0537+0.0746i	−0.0049+0.0115i
20.5	0.0729−0.3083i	0.6195+0.5357i	0.0263−0.1142i	−0.7167+0.0837i	−0.0439−0.1377i	0.0280−0.0270i	−0.0503+0.0761i	−0.0048+0.0155i
20.6	0.0243−0.2759i	0.6548+0.5313i	0.0155−0.0984i	−0.6827+0.1150i	−0.0499−0.1153i	0.0249−0.0227i	−0.0479+0.0758i	−0.0018+0.0111i
20.7	−0.0139−0.2367i	0.6875+0.5240i	0.0125−0.0858i	−0.6481+0.1536i	−0.0480−0.1051i	0.0199−0.0254i	−0.0475+0.0717i	0.0086+0.0100i
20.8	−0.0306−0.1895i	0.7199+0.5132i	0.0374−0.0847i	−0.6108+0.1565i	−0.0402−0.0988i	0.0244−0.0255i	−0.0495+0.0697i	0.0044+0.0071i
20.9	−0.0531−0.1472i	0.7510+0.4932i	0.0521−0.1108i	−0.5639+0.1580i	−0.0361−0.0920i	0.0217−0.0224i	−0.0458+0.0684i	0.0071+0.0066i
21.0	−0.0609−0.0839i	0.7797+0.4632i	0.0423−0.1340i	−0.5531+0.1699i	−0.0259−0.0806i	0.0249−0.0165i	−0.0426+0.0647i	0.0103+0.0010i
21.1	−0.0630−0.0542i	0.7944+0.4488i	0.0414−0.1440i	−0.5686+0.1758i	−0.0183−0.0765i	0.0275−0.0135i	−0.0421+0.0649i	0.0089−0.0021i
21.2	−0.0609+0.0050i	0.7974+0.4259i	0.0423−0.1478i	−0.5490+0.1966i	−0.0119−0.0807i	0.0298−0.0121i	−0.0486+0.0574i	0.0073−0.0098i
21.3	−0.0585+0.0676i	0.8022+0.4066i	0.0505−0.1469i	−0.5298+0.2362i	−0.0105−0.0815i	0.0347−0.0130i	−0.0521+0.0558i	0.0013−0.0175i
21.4	−0.0364+0.1375i	0.8062+0.3873i	0.0056−0.1556i	−0.4703+0.2787i	−0.0148−0.0791i	0.0452−0.0141i	−0.0599+0.0632i	−0.0133−0.0165i
21.5	−0.0021+0.1897i	0.8189+0.3680i	−0.0091−0.1889i	−0.4445+0.2886i	−0.0232−0.0895i	0.0590−0.0289i	−0.0726+0.0622i	−0.0345+0.0032i
21.6	0.0339+0.2397i	0.8215+0.3466i	−0.0208−0.1803i	−0.4086+0.3413i	−0.0276−0.0804i	0.0531−0.0384i	−0.0605+0.0761i	−0.0270+0.0129i
21.7	0.0747+0.2800i	0.8257+0.3459i	−0.0107−0.1721i	−0.3642+0.3632i	−0.0406−0.0696i	0.0543−0.0551i	−0.0590+0.0894i	−0.0346+0.0413i
21.8	0.1476+0.3126i	0.8304+0.3277i	−0.0126−0.1844i	−0.2590+0.3880i	−0.0399−0.0664i	0.0506−0.0598i	−0.0501+0.0814i	−0.0311+0.0470i
21.9	0.2272+0.3277i	0.8387+0.3079i	−0.0306−0.1605i	−0.2095+0.3892i	−0.0414−0.0438i	0.0285−0.0690i	−0.0320+0.0803i	−0.0039+0.0608i
22.0	0.2886+0.3229i	0.8427+0.2914i	−0.0535−0.1608i	−0.1202+0.3915i	−0.0201−0.0379i	0.0179−0.0503i	−0.0380+0.0680i	0.0078+0.0314i
22.1	0.3439+0.3157i	0.8376+0.2772i	−0.0645−0.1734i	−0.0019+0.3646i	−0.0160−0.0365i	0.0163−0.0446i	−0.0443+0.0612i	0.0038+0.0230i
22.2	0.3940+0.2952i	0.8346+0.2655i	−0.0766−0.1624i	0.0652+0.3008i	−0.0061−0.0197i	0.0001−0.0493i	−0.0285+0.0552i	0.0254+0.0341i
22.3	0.4288+0.2755i	0.8325+0.2552i	−0.0845−0.1731i	0.1090+0.2479i	0.0026−0.0187i	−0.0013−0.0468i	−0.0292+0.0524i	0.0255+0.0338i
22.4	0.4764+0.2416i	0.8383+0.2403i	−0.0849−0.1386i	0.1611+0.1661i	0.0086−0.0294i	−0.0023−0.0384i	−0.0380+0.0400i	0.0231+0.0245i
22.5	0.4971+0.2069i	0.8392+0.2280i	−0.0655−0.1270i	0.1635+0.1262i	0.0125−0.0241i	−0.0021−0.0333i	−0.0384+0.0403i	0.0223+0.0207i
22.6	0.5148+0.1740i	0.8316+0.2103i	−0.0528−0.1139i	0.1862+0.0822i	0.0204−0.0239i	0.0007−0.0273i	−0.0453+0.0328i	0.0123+0.0190i
22.7	0.5351+0.1422i	0.8239+0.1953i	−0.0384−0.1115i	0.2329+0.0373i	0.0288−0.0321i	0.0076−0.0205i	−0.0584+0.0238i	0.0020+0.0170i
22.8	0.5339+0.1187i	0.8161+0.1863i	−0.0198−0.1396i	0.2460−0.0084i	0.0316−0.0351i	0.0102−0.0211i	−0.0634+0.0320i	0.0009+0.0252i
22.9	0.5282+0.0911i	0.8076+0.1790i	0.0221−0.1736i	0.2557−0.0805i	0.0332−0.0306i	0.0100−0.0369i	−0.0652+0.0519i	0.0047+0.0545i
23.0	0.5311+0.0809i	0.8064+0.1707i	0.0281−0.2135i	0.2482−0.1004i	0.0346−0.0293i	−0.0094−0.0416i	−0.0472+0.0550i	0.0405+0.0591i
23.1	0.5371+0.0645i	0.8030+0.1657i	−0.0010−0.2588i	0.2558−0.1439i	0.0358−0.0283i	−0.0186−0.0357i	−0.0429+0.0489i	0.0560+0.0497i
23.2	0.5377+0.0474i	0.7983+0.1532i	−0.0332−0.2778i	0.2704−0.1430i	0.0425−0.0279i	−0.0218−0.0235i	−0.0465+0.0366i	0.0571+0.0283i
23.3	0.5388+0.0381i	0.7888+0.1483i	−0.0821−0.2977i	0.2891−0.1641i	0.0481−0.0400i	−0.0184−0.0161i	−0.0509+0.0281i	0.0535+0.0176i
23.4	0.5363+0.0312i	0.7797+0.1459i	−0.1223−0.3080i	0.3186−0.1948i	0.0519−0.0437i	−0.0219−0.0120i	−0.0496+0.0244i	0.0614+0.0165i
23.5	0.5337+0.0207i	0.7721+0.1459i	−0.1483−0.2795i	0.3602−0.2641i	0.0545−0.0431i	−0.0229−0.0069i	−0.0541+0.0253i	0.0573+0.0157i
23.6	0.5308+0.0154i	0.7632+0.1454i	−0.1609−0.2809i	0.3874−0.3087i	0.0548−0.0470i	−0.0183+0.0018i	−0.0651+0.0207i	0.0512+0.0097i
23.7	0.5461+0.0088i	0.7580+0.1526i	−0.2285−0.2600i	0.4134−0.3799i	0.0439−0.0615i	−0.0127+0.0131i	−0.0828+0.0183i	0.0326−0.0056i
23.8	0.5551+0.0155i	0.7624+0.1574i	−0.2593−0.2219i	0.3691−0.4236i	0.0458−0.0727i	−0.0148+0.0234i	−0.0898+0.0093i	0.0310−0.0285i
23.9	0.5523−0.0002i	0.7684+0.1562i	−0.2824−0.2094i	0.3132−0.4950i	0.0345−0.0721i	−0.0063+0.0227i	−0.0983+0.0214i	0.0237−0.0086i
24.0	0.5609−0.0101i	0.7697+0.1612i	−0.2925−0.1912i	0.3041−0.5644i	0.0203−0.0731i	0.0003+0.0225i	−0.1059+0.0301i	0.0109+0.0020i
24.1	0.5572−0.0234i	0.7779+0.1552i	−0.2970−0.1700i	0.2216−0.5674i	0.0230−0.0550i	0.0005+0.0197i	−0.0999+0.0413i	0.0240+0.0092i
24.2	0.5679−0.0305i	0.7772+0.1533i	−0.3270−0.1345i	0.2405−0.5657i	0.0156−0.0590i	−0.0006+0.0219i	−0.0993+0.0416i	0.0259+0.0013i
24.3	0.5754−0.0503i	0.7826+0.1507i	−0.3298−0.0947i	0.2284−0.6105i	0.0116−0.0479i	−0.0033+0.0275i	−0.0963+0.0415i	0.0243+0.0020i
24.4	0.5820−0.0807i	0.7868+0.1465i	−0.3292−0.0645i	0.2018−0.6733i	0.0125−0.0310i	0.0018+0.0364i	−0.1040+0.0412i	0.0146+0.0045i
24.5	0.5791−0.0864i	0.7869+0.1423i	−0.3249−0.0504i	0.1902−0.6328i	0.0258−0.0457i	0.0057+0.0386i	−0.1122+0.0363i	0.0114−0.0084i

24.6	0.5621−0.0978i	0.7809+0.1364i	−0.3175−0.0389i	0.2251−0.6215i	0.0255−0.0585i	0.0054+0.0467i	−0.1212+0.0323i	0.0104−0.0208i
24.7	0.5568−0.1172i	0.7825+0.1335i	−0.2926−0.0228i	0.2408−0.6730i	0.0119−0.0538i	0.0150+0.0612i	−0.1395+0.0342i	−0.0118−0.0230i
24.8	0.5403−0.1478i	0.7827+0.1282i	−0.2713−0.0061i	0.2039−0.7338i	0.0146−0.0231i	0.0338+0.0615i	−0.1571+0.0576i	−0.0312+0.0081i
24.9	0.5224−0.1563i	0.7841+0.1298i	−0.2557+0.0049i	0.1738−0.8000i	0.0228−0.0143i	0.0431+0.0572i	−0.1653+0.0748i	−0.0326+0.0229i
25.0	0.5049−0.1595i	0.7851+0.1247i	−0.2576+0.0070i	0.1454−0.8493i	0.0261−0.0157i	0.0459+0.0528i	−0.1719+0.0986i	−0.0247+0.0464i
25.1	0.4989−0.1636i	0.7854+0.1220i	−0.2592+0.0053i	0.1163−0.8739i	0.0316−0.0168i	0.0487+0.0451i	−0.1708+0.1317i	−0.0203+0.0708i
25.2	0.4755−0.1668i	0.7885+0.1241i	−0.2480+0.0183i	0.0297−0.9032i	0.0470−0.0252i	0.0604+0.0441i	−0.1558+0.1528i	−0.0141+0.0817i
25.3	0.4676−0.1635i	0.7930+0.1249i	−0.2443+0.0221i	−0.0497−0.9057i	0.0462−0.0374i	0.0706+0.0370i	−0.1532+0.1685i	−0.0258+0.0909i
25.4	0.4443−0.1616i	0.7908+0.1188i	−0.2501+0.0205i	−0.0922−0.9039i	0.0386−0.0336i	0.0809+0.0256i	−0.1431+0.1869i	−0.0181+0.1134i
25.5	0.4254−0.1545i	0.7831+0.1185i	−0.2594+0.0177i	−0.0753−0.9062i	0.0237−0.0188i	0.0817+0.0159i	−0.1235+0.2132i	−0.0052+0.1434i
25.6	0.4171−0.1369i	0.7877+0.1230i	−0.2461+0.0188i	−0.1108−0.8887i	0.0246−0.0042i	0.0763+0.0061i	−0.0957+0.2348i	0.0147+0.1571i
25.7	0.4020−0.1271i	0.7943+0.1247i	−0.2384+0.0269i	−0.1798−0.8755i	0.0494+0.0048i	0.0689+0.0027i	−0.0562+0.2428i	0.0574+0.1474i
25.8	0.4013−0.1040i	0.8020+0.1305i	−0.2375+0.0292i	−0.2192−0.8697i	0.0716−0.0181i	0.0684+0.0005i	−0.0291+0.2163i	0.0720+0.1251i
25.9	0.3986−0.0865i	0.8046+0.1256i	−0.2473+0.0392i	−0.2393−0.8115i	0.0526−0.0363i	0.0722−0.0021i	−0.0296+0.1926i	0.0623+0.1238i
26.0	0.4104−0.0814i	0.8097+0.1234i	−0.2587+0.0487i	−0.2509−0.8016i	0.0454−0.0266i	0.0737−0.0071i	−0.0351+0.2078i	0.0686+0.1440i
26.1	0.4218−0.0696i	0.8125+0.1257i	−0.2682+0.0651i	−0.2534−0.8127i	0.0455−0.0209i	0.0751−0.0166i	−0.0289+0.2184i	0.0854+0.1568i
26.2	0.4230−0.0589i	0.8181+0.1249i	−0.2781+0.0744i	−0.2790−0.8252i	0.0496−0.0237i	0.0667−0.0235i	0.0015+0.2176i	0.1172+0.1571i
26.3	0.4328−0.0521i	0.8247+0.1219i	−0.2917+0.1124i	−0.3417−0.8053i	0.0509−0.0270i	0.0566−0.0237i	0.0224+0.2177i	0.1453+0.1381i
26.4	0.4532−0.0457i	0.8251+0.1157i	−0.2783+0.1694i	−0.3841−0.7279i	0.0352−0.0321i	0.0530−0.0239i	0.0336+0.2071i	0.1564+0.1081i
26.5	0.4648−0.0513i	0.8257+0.1123i	−0.2296+0.1840i	−0.3660−0.6542i	0.0358−0.0269i	0.0499−0.0254i	0.0404+0.2030i	0.1522+0.0947i
26.6	0.4747−0.0592i	0.8302+0.1103i	−0.1663+0.1699i	−0.3388−0.5533i	0.0220−0.0180i	0.0435−0.0235i	0.0439+0.1880i	0.1366+0.0861i
26.7	0.4759−0.0532i	0.8278+0.1208i	−0.1205+0.1654i	−0.2603−0.5080i	0.0116−0.0013i	0.0410−0.0212i	0.0534+0.1663i	0.1168+0.0813i
26.8	0.4890−0.0600i	0.8291+0.1221i	−0.1077+0.1471i	−0.1610−0.4775i	0.0156+0.0247i	0.0460−0.0160i	0.0451+0.1764i	0.0891+0.0899i
26.9	0.4976−0.0718i	0.8307+0.1340i	−0.0889+0.1127i	−0.0443−0.5582i	0.0239+0.0524i	0.0494−0.0201i	0.0530+0.1977i	0.0733+0.1407i
27.0	0.4988−0.0780i	0.8409+0.1447i	−0.0876+0.1001i	0.0068−0.6405i	0.0300+0.0583i	0.0452−0.0323i	0.0655+0.1945i	0.0868+0.1770i
27.1	0.5154−0.0841i	0.8619+0.1521i	−0.0809+0.0698i	0.0098−0.7185i	0.0604+0.0709i	0.0388−0.0374i	0.0839+0.1959i	0.1213+0.2159i
27.2	0.5231−0.1120i	0.8768+0.1586i	−0.0731+0.0547i	0.0199−0.8028i	0.0783+0.0946i	0.0289−0.0383i	0.0905+0.2060i	0.1462+0.2490i
27.3	0.5122−0.1447i	0.8957+0.1574i	−0.0585+0.0308i	−0.0441−0.8384i	0.0900+0.1032i	0.0164−0.0391i	0.1086+0.2059i	0.1945+0.2749i
27.4	0.4845−0.1540i	0.8993+0.1481i	−0.0590+0.0053i	−0.0284−0.8070i	0.0991+0.0901i	0.0105−0.0361i	0.1118+0.2006i	0.2254+0.2783i
27.5	0.4734−0.1491i	0.9027+0.1470i	−0.0673−0.0197i	0.0228−0.8080i	0.1189+0.1029i	0.0097−0.0343i	0.1209+0.2038i	0.2644+0.2914i
27.6	0.4773−0.1540i	0.9144+0.1589i	−0.0866−0.0603i	0.0339−0.9193i	0.1556+0.1275i	0.0014−0.0356i	0.1523+0.2171i	0.3367+0.3056i
27.7	0.4661−0.1707i	0.9320+0.1600i	−0.1234−0.0970i	0.0232−1.0104i	0.1990+0.1396i	−0.0171−0.0326i	0.1882+0.2122i	0.4245+0.2675i
27.8	0.4426−0.1884i	0.9477+0.1579i	−0.1895−0.1376i	0.0014−1.0429i	0.2441+0.1187i	−0.0305−0.0235i	0.2266+0.1901i	0.4867+0.2152i
27.9	0.4106−0.1894i	0.9562+0.1555i	−0.2526−0.1471i	−0.0178−1.0622i	0.2856+0.0898i	−0.0344−0.0118i	0.2621+0.1629i	0.5256+0.1581i
28.0	0.3714−0.1685i	0.9592+0.1567i	−0.3268−0.1133i	0.0443−1.0999i	0.3094+0.0567i	−0.0377−0.0017i	0.2847+0.1144i	0.5407+0.0900i
28.1	0.3377−0.1154i	0.9680+0.1771i	−0.3747−0.0699i	0.0540−1.2321i	0.3165+0.0276i	−0.0410+0.0149i	0.2835+0.0689i	0.5316+0.0302i
28.2	0.3485−0.0451i	1.0028+0.2073i	−0.3991−0.0218i	−0.0668−1.3586i	0.3317+0.0201i	−0.0406+0.0294i	0.2694+0.0397i	0.5254+0.0079i
28.3	0.4001−0.0158i	1.0593+0.2034i	−0.4038+0.0601i	−0.2544−1.3870i	0.3606+0.0005i	−0.0378+0.0339i	0.2502+0.0242i	0.5365−0.0118i
28.4	0.4346−0.0392i	1.0902+0.1709i	−0.3995+0.1101i	−0.3081−1.3405i	0.3914−0.0496i	−0.0351+0.0372i	0.2448+0.0123i	0.5393−0.0636i
28.5	0.4476−0.0351i	1.1151+0.1577i	−0.3863+0.1515i	−0.3116−1.2938i	0.3971−0.0942i	−0.0353+0.0503i	0.2454−0.0039i	0.5411−0.1176i
28.6	0.4631−0.0304i	1.1373+0.1426i	−0.3632+0.1856i	−0.3143−1.2973i	0.3996−0.1140i	−0.0394+0.0623i	0.2529−0.0082i	0.5357−0.1368i
28.7	0.4781−0.0320i	1.1635+0.1273i	−0.3270+0.2130i	−0.3316−1.3404i	0.4122−0.1495i	−0.0448+0.0717i	0.2598−0.0082i	0.5513−0.1509i
28.8	0.4957−0.0433i	1.1866+0.1043i	−0.3031+0.2209i	−0.3505−1.3408i	0.4196−0.1841i	−0.0424+0.0856i	0.2749−0.0282i	0.5566−0.1809i
28.9	0.5097−0.0504i	1.2028+0.0856i	−0.2824+0.2309i	−0.3627−1.3728i	0.4126−0.2211i	−0.0441+0.1037i	0.2788−0.0558i	0.5426−0.2265i
29.0	0.5236−0.0602i	1.2212+0.0661i	−0.2518+0.2451i	−0.3853−1.4144i	0.4043−0.2581i	−0.0361+0.1199i	0.2689−0.0826i	0.5237−0.2720i
29.1	0.5366−0.0673i	1.2399+0.0450i	−0.2325+0.2406i	−0.4019−1.4601i	0.4094−0.3078i	−0.0280+0.1371i	0.2727−0.1153i	0.5046−0.3073i
29.2	0.5412−0.0723i	1.2562+0.0287i	−0.2175+0.2321i	−0.4493−1.5418i	0.4069−0.3573i	−0.0195+0.1538i	0.2762−0.1402i	0.4839−0.3358i
29.3	0.5579−0.0866i	1.2810+0.0026i	−0.2042+0.2196i	−0.5198−1.5978i	0.4048−0.4011i	−0.0096+0.1643i	0.2768−0.1674i	0.4783−0.3685i
29.4	0.5732−0.1068i	1.2992−0.0213i	−0.2005+0.2268i	−0.5599−1.6616i	0.3846−0.4687i	−0.0043+0.1811i	0.2607−0.1906i	0.4589−0.4022i
29.5	0.5680−0.1305i	1.3138−0.0581i	−0.1730+0.2312i	−0.6853−1.7053i	0.3068−0.5347i	0.0203+0.2004i	0.2532−0.2170i	0.4310−0.4282i
29.6	0.5616−0.1415i	1.3178−0.0882i	−0.1666+0.2165i	−0.7887−1.7193i	0.2683−0.5651i	0.0385+0.1975i	0.2755−0.2646i	0.4157−0.4640i
29.7	0.5626−0.1447i	1.3266−0.1110i	−0.1554+0.2238i	−0.8624−1.7111i	0.2294−0.5732i	0.0475+0.1958i	0.2618−0.3160i	0.3970−0.5060i
29.8	0.5619−0.1504i	1.3322−0.1383i	−0.1585+0.2137i	−0.9394−1.7439i	0.1932−0.6027i	0.0546+0.2029i	0.2326−0.3643i	0.3776−0.5473i
29.9	0.5859−0.1550i	1.3514−0.1662i	−0.1804+0.1903i	−1.0651−1.7977i	0.1588−0.6315i	0.0629+0.2184i	0.2115−0.4291i	0.3394−0.5988i
30.0	0.5822−0.1687i	1.3412−0.2010i	−0.1783+0.1877i	−1.1439−1.7701i	0.0837−0.6564i	0.0744+0.2252i	0.1018−0.4657i	0.2226−0.5934i
30.1	0.5770−0.1926i	1.3195−0.2359i	−0.1634+0.2008i	−1.1986−1.7634i	−0.0201−0.6932i	0.0901+0.2404i	−0.0137−0.4915i	0.1242−0.6180i
30.2	0.5790−0.2107i	1.3084−0.2477i	−0.1430+0.2054i	−1.3039−1.7828i	−0.0972−0.6935i	0.1063+0.2525i	−0.0900−0.4692i	0.0603−0.6019i
30.3	0.5871−0.2320i	1.3034−0.2568i	−0.1360+0.1902i	−1.3890−1.7655i	−0.1658−0.6533i	0.1204+0.2622i	−0.1434−0.4103i	−0.0155−0.5565i
30.4	0.5886−0.2778i	1.3138−0.2880i	−0.1562+0.1606i	−1.5545−1.6998i	−0.2119−0.6165i	0.1480+0.2823i	−0.1944−0.3544i	−0.0647−0.4804i
30.5	0.5533−0.3196i	1.3087−0.3224i	−0.1771+0.1763i	−1.6791−1.6100i	−0.2823−0.5877i	0.1798+0.2998i	−0.2121−0.3113i	−0.0724−0.4257i
30.6	0.5152−0.3381i	1.3068−0.3415i	−0.1758+0.2015i	−1.8050−1.5022i	−0.3604−0.5373i	0.2218+0.3056i	−0.2372−0.2679i	−0.0957−0.3756i
30.7	0.4821−0.3246i	1.2889−0.3481i	−0.1470+0.2089i	−1.9153−1.4128i	−0.3906−0.4738i	0.2640+0.3018i	−0.2548−0.2164i	−0.0817−0.3139i
30.8	0.4540−0.3098i	1.2750−0.3625i	−0.1242+0.1943i	−1.9714−1.3074i	−0.4288−0.3980i	0.3073+0.2930i	−0.2450−0.1600i	−0.0650−0.2763i

30.9	0.4479-0.3039i	1.2676-0.3747i	-0.1282+0.1679i	-2.0161-1.1785i	-0.4289-0.3252i	0.3452+0.2744i	-0.2307-0.1345i	-0.0865-0.2209i
31.0	0.4400-0.3099i	1.2592-0.3894i	-0.1202+0.1396i	-2.0500-1.0621i	-0.4257-0.2465i	0.3802+0.2618i	-0.1965-0.1062i	-0.0489-0.1496i
31.1	0.4223-0.3029i	1.2306-0.3938i	-0.1395+0.1177i	-2.0151-0.9597i	-0.3766-0.1983i	0.4089+0.2277i	-0.1729-0.1046i	0.0417-0.1625i
31.2	0.4087-0.2968i	1.2136-0.3913i	-0.1792+0.0949i	-1.9803-0.8973i	-0.3247-0.1927i	0.4218+0.1905i	-0.1762-0.1203i	0.0320-0.2285i
31.3	0.4094-0.2832i	1.2081-0.3813i	-0.2196+0.0763i	-1.9577-0.8335i	-0.3053-0.1924i	0.4392+0.1714i	-0.1893-0.1214i	0.0102-0.1942i
31.4	0.4205-0.2758i	1.2127-0.3625i	-0.2606+0.0677i	-1.9915-0.7826i	-0.3135-0.1645i	0.4605+0.1516i	-0.2137-0.1155i	0.0327-0.1385i
31.5	0.4148-0.2687i	1.2131-0.3559i	-0.2800+0.0996i	-1.9458-0.7211i	-0.3022-0.1418i	0.4759+0.1214i	-0.2053-0.0990i	0.0635-0.1194i
31.6	0.4148-0.2675i	1.2275-0.3453i	-0.2853+0.1035i	-1.9626-0.6735i	-0.2970-0.1198i	0.4913+0.0840i	-0.2008-0.0808i	0.1129-0.1107i
31.7	0.4170-0.2610i	1.2328-0.3433i	-0.3208+0.0690i	-1.9628-0.6284i	-0.2761-0.0943i	0.4972+0.0533i	-0.2067-0.0702i	0.1652-0.1266i
31.8	0.4297-0.2625i	1.2445-0.3433i	-0.3667+0.0663i	-1.9250-0.5543i	-0.2428-0.0774i	0.4928+0.0124i	-0.2159-0.0426i	0.2044-0.1464i
31.9	0.4310-0.2749i	1.2520-0.3416i	-0.4361+0.0997i	-1.8802-0.5047i	-0.2277-0.0916i	0.4780-0.0128i	-0.2110-0.0247i	0.2179-0.1526i
32.0	0.4132-0.2783i	1.2561-0.3286i	-0.4554+0.1703i	-1.8416-0.4963i	-0.2226-0.0939i	0.4645-0.0288i	-0.2043-0.0024i	0.2370-0.1790i
32.1	0.3959-0.2720i	1.2714-0.3140i	-0.4711+0.2189i	-1.8134-0.4647i	-0.2050-0.1106i	0.4541-0.0478i	-0.1833+0.0251i	0.2626-0.2148i
32.2	0.3929-0.2931i	1.2945-0.3103i	-0.5584+0.2674i	-1.8091-0.4564i	-0.2051-0.1173i	0.4534-0.0556i	-0.1503+0.0383i	0.2943-0.2329i
32.3	0.4212-0.3190i	1.3371-0.2961i	-0.6172+0.3101i	-1.8239-0.4855i	-0.2017-0.1312i	0.4512-0.0594i	-0.1020+0.0327i	0.3035-0.2291i
32.4	0.4346-0.3211i	1.3702-0.2822i	-0.5815+0.3563i	-1.8127-0.4946i	-0.1867-0.1501i	0.4395-0.0694i	-0.0895+0.0181i	0.2958-0.2587i
32.5	0.4131-0.3468i	1.4114-0.2905i	-0.6447+0.5308i	-1.8651-0.4566i	-0.2145-0.1659i	0.4332-0.0797i	-0.0781-0.0017i	0.3206-0.2992i
32.6	0.3986-0.3661i	1.4584-0.2921i	-0.6322+0.6420i	-1.9407-0.4226i	-0.2421-0.1702i	0.4354-0.0869i	-0.0780-0.0172i	0.3193-0.3467i
32.7	0.3909-0.3803i	1.5033-0.2920i	-0.5742+0.7200i	-1.9740-0.4076i	-0.2611-0.1794i	0.4217-0.1040i	-0.0875-0.0254i	0.2975-0.3876i
32.8	0.3651-0.3923i	1.5359-0.3212i	-0.4246+0.8084i	-1.9446-0.3203i	-0.2923-0.1741i	0.4117-0.1202i	-0.1160-0.0403i	0.2919-0.4397i
32.9	0.3046-0.4249i	1.5714-0.3548i	-0.2776+0.9390i	-1.9342-0.2306i	-0.3582-0.1518i	0.4089-0.1091i	-0.1450-0.0179i	0.2943-0.4490i
33.0	0.2682-0.4388i	1.6250-0.3728i	-0.1385+0.9530i	-1.8913-0.1988i	-0.3838-0.1014i	0.4068-0.0937i	-0.1575+0.0183i	0.2624-0.4276i
33.1	0.2244-0.4080i	1.6742-0.3746i	0.0367+0.9715i	-1.8158-0.1919i	-0.3814-0.0535i	0.4135-0.0848i	-0.1498+0.0385i	0.2143-0.4394i
33.2	0.1454-0.3675i	1.7211-0.3869i	0.1929+0.8774i	-1.7970-0.2518i	-0.3564+0.0135i	0.4351-0.0710i	-0.1252+0.0866i	0.1986-0.4425i
33.3	0.0851-0.3150i	1.7998-0.4282i	0.2737+0.7743i	-1.8527-0.2739i	-0.3257+0.0480i	0.4606-0.0703i	-0.0647+0.1115i	0.2172-0.4183i
33.4	0.0788-0.2748i	1.9084-0.5102i	0.2002+0.6735i	-1.9702-0.3562i	-0.2842+0.0502i	0.4975-0.0694i	-0.0043+0.1190i	0.2574-0.3792i
33.5	0.0974-0.2267i	1.9367-0.5807i	0.1571+0.5469i	-2.0031-0.3309i	-0.2516+0.0359i	0.5219-0.0862i	0.0166+0.0971i	0.2721-0.3956i
33.6	0.1221-0.1592i	1.9310-0.6619i	0.1271+0.4885i	-2.0165-0.2460i	-0.2313+0.0300i	0.5432-0.1102i	0.0303+0.0730i	0.2982-0.4213i
33.7	0.1561-0.1294i	1.9450-0.7438i	0.0820+0.5206i	-2.1084-0.2947i	-0.2172+0.0062i	0.5794-0.1324i	0.0571+0.0813i	0.3242-0.4330i
33.8	0.1612-0.1313i	1.9811-0.8299i	0.0350+0.5545i	-2.2328-0.3237i	-0.2077-0.0213i	0.6119-0.1651i	0.1280+0.0615i	0.3818-0.4428i
33.9	0.2036-0.0632i	1.9526-0.8848i	0.0826+0.4899i	-2.2245-0.2347i	-0.1998-0.0485i	0.6048-0.2251i	0.1282-0.0282i	0.3804-0.5400i
34.0	0.3022-0.0927i	1.9749-0.9212i	-0.0131+0.4754i	-2.2844-0.2378i	-0.2741-0.0900i	0.6100-0.2588i	0.1215-0.0613i	0.3884-0.5528i
34.1	0.3072-0.1060i	1.9593-0.9678i	0.0238+0.5008i	-2.4088-0.1342i	-0.3244-0.0744i	0.6268-0.3045i	0.1321-0.0977i	0.4303-0.6197i
34.2	0.3075-0.1025i	1.9484-1.0080i	0.0257+0.4883i	-2.4744+0.0048i	-0.3551-0.0398i	0.6080-0.3636i	0.1160-0.1386i	0.4266-0.7228i
34.3	0.3028-0.1388i	1.9697-1.0642i	0.0084+0.5475i	-2.5626+0.1213i	-0.3909-0.0159i	0.5816-0.3806i	0.0974-0.1638i	0.3924-0.7722i
34.4	0.3243-0.1565i	2.0199-1.0878i	-0.0338+0.5647i	-2.5790+0.1713i	-0.4532+0.0008i	0.5853-0.3671i	0.0427-0.0984i	0.3781-0.7415i
34.5	0.3245-0.1389i	2.0199-1.1453i	0.0016+0.5700i	-2.5753+0.3669i	-0.4485+0.0545i	0.5560-0.4070i	0.0498-0.1356i	0.3146-0.8315i
34.6	0.3215-0.1021i	2.0173-1.2230i	0.0310+0.5944i	-2.5527+0.5528i	-0.4301+0.0969i	0.5248-0.4442i	0.0749-0.2229i	0.2431-0.9218i
34.7	0.3282-0.0768i	2.0185-1.2754i	0.0459+0.5935i	-2.5103+0.6758i	-0.4594+0.1406i	0.5380-0.4607i	0.0810-0.2427i	0.2521-0.9673i
34.8	0.3848-0.0936i	2.0644-1.3393i	0.0415+0.6349i	-2.5212+0.7713i	-0.4575+0.1977i	0.5432-0.4823i	0.1464-0.2299i	0.2708-0.9830i
34.9	0.4253-0.1108i	2.0951-1.3927i	0.0488+0.6724i	-2.5423+0.7771i	-0.4705+0.2462i	0.5618-0.5005i	0.1956-0.2089i	0.2968-1.0022i
35.0	0.4760-0.1502i	2.0850-1.4587i	0.0807+0.6786i	-2.4534+0.9044i	-0.4765+0.2901i	0.5534-0.4976i	0.1352-0.2624i	0.2347-1.0244i
35.1	0.5069-0.2056i	2.1005-1.5491i	0.1269+0.7266i	-2.4380+1.0763i	-0.4693+0.3363i	0.5415-0.5087i	0.0821-0.3677i	0.1941-1.0631i
35.2	0.5339-0.2342i	2.1106-1.6161i	0.1800+0.7020i	-2.3248+1.2325i	-0.4905+0.3914i	0.5703-0.5056i	-0.0145-0.3497i	0.1879-1.0509i
35.3	0.5709-0.3005i	2.1655-1.7006i	0.1952+0.7075i	-2.3168+1.3235i	-0.4751+0.4838i	0.6059-0.5571i	0.0233-0.3250i	0.2041-1.1144i
35.4	0.5231-0.4265i	2.1765-1.8519i	0.2389+0.7861i	-2.2986+1.4107i	-0.4215+0.5428i	0.5947-0.6228i	0.0775-0.4568i	0.2036-1.2454i
35.5	0.4837-0.4981i	2.1473-1.9856i	0.2929+0.7880i	-2.1876+1.6275i	-0.3602+0.6137i	0.5947-0.6982i	0.0900-0.5459i	0.1934-1.3534i
35.6	0.4303-0.5730i	2.1192-2.1155i	0.3435+0.8108i	-2.0354+1.7996i	-0.2915+0.6815i	0.5925-0.7677i	0.0682-0.6459i	0.1562-1.4729i
35.7	0.3253-0.6284i	2.0627-2.2390i	0.4280+0.8039i	-1.8851+1.9214i	-0.2251+0.7362i	0.5681-0.8251i	-0.0516-0.7426i	0.0542-1.6158i
35.8	0.2186-0.6320i	1.9736-2.3374i	0.4943+0.7783i	-1.6271+1.9207i	-0.1190+0.7777i	0.4923-0.9186i	-0.1619-0.8325i	-0.0818-1.7662i
35.9	0.1312-0.6275i	1.9001-2.4272i	0.5501+0.7583i	-1.4084+1.9293i	-0.0246+0.8251i	0.4081-0.9792i	-0.2929-0.8835i	-0.2698-1.8948i
36.0	0.0762-0.6037i	1.8159-2.4558i	0.5807+0.7286i	-1.2419+1.8375i	0.0886+0.8326i	0.3166-0.9939i	-0.4427-0.8669i	-0.5081-1.9383i
36.1	0.0165-0.5754i	1.7404-2.5324i	0.5920+0.6894i	-1.1004+1.8246i	0.2434+0.8645i	0.2415-1.0165i	-0.5552-0.8346i	-0.7712-2.0002i
36.2	-0.0312-0.5296i	1.6970-2.5784i	0.6009+0.6379i	-0.9962+1.7557i	0.3580+0.8351i	0.1851-1.0150i	-0.6691-0.7808i	-0.9852-1.9813i
36.3	-0.0798-0.4897i	1.6384-2.6167i	0.6421+0.6241i	-0.8866+1.6379i	0.4753+0.7422i	0.1184-0.9902i	-0.7851-0.6993i	-1.2362-1.8741i
36.4	-0.1176-0.4362i	1.6156-2.6568i	0.6720+0.5971i	-0.8470+1.5090i	0.5874+0.6483i	0.0367-0.9779i	-0.9101-0.6299i	-1.4915-1.7595i
36.5	-0.1176-0.3977i	1.5953-2.6882i	0.6730+0.6012i	-0.8689+1.3265i	0.6552+0.5378i	-0.0232-0.9407i	-0.9504-0.5262i	-1.6508-1.5494i
36.6	-0.1590-0.3662i	1.5636-2.7947i	0.7430+0.5769i	-0.9107+1.3261i	0.6815+0.4109i	-0.0457-0.8688i	-0.9855-0.3905i	-1.7550-1.2983i
36.7	-0.2033-0.3549i	1.5275-2.8725i	0.8237+0.5655i	-0.8945+1.3711i	0.7210+0.2934i	-0.0568-0.7889i	-1.0211-0.2736i	-1.8669-1.0802i
36.8	-0.2111-0.3381i	1.5161-2.9690i	0.8789+0.5563i	-0.9888+1.3999i	0.7289+0.2165i	-0.0839-0.7620i	-1.0542-0.2035i	-1.9324-0.9427i
36.9	-0.2385-0.3213i	1.4763-3.0833i	0.9735+0.5225i	-1.0248+1.4835i	0.7096+0.0875i	-0.0627-0.6971i	-1.0512-0.0934i	-1.9319-0.6713i
37.0	-0.3019-0.2792i	1.4306-3.1402i	1.0640+0.4464i	-0.9181+1.5109i	0.7030+0.0006i	0.0153-0.6930i	-1.0102-0.0387i	-1.8922-0.5184i
37.1	-0.3427-0.1986i	1.3485-3.2539i	1.1162+0.3194i	-0.7866+1.4748i	0.6468-0.1076i	0.0285-0.7429i	-0.9994+0.0110i	-1.8496-0.3551i

37.2	-0.3459-0.1487i	1.2907-3.4201i	1.1375+0.2241i	-0.7609+1.5319i	0.5839-0.1745i	0.0066-0.7718i	-1.0245+0.0433i	-1.8205-0.2292i
37.3	-0.3582-0.1172i	1.2532-3.6188i	1.1937+0.1484i	-0.8138+1.6459i	0.5178-0.2344i	-0.0017-0.7808i	-1.0534+0.0975i	-1.7858-0.0755i
37.4	-0.3778-0.0906i	1.1048-3.8252i	1.2089+0.0276i	-0.6846+1.8134i	0.4241-0.2488i	-0.0011-0.7858i	-1.0413+0.1958i	-1.6753+0.0285i
37.5	-0.4221-0.0694i	0.9527-3.9903i	1.2712-0.0838i	-0.5146+1.8973i	0.3622-0.2374i	-0.0018-0.8108i	-1.0409+0.2758i	-1.5913+0.1032i
37.6	-0.4677+0.0144i	0.7104-4.0603i	1.2857-0.2624i	-0.2590+1.8231i	0.3240-0.2382i	-0.0165-0.8282i	-1.0254+0.3743i	-1.5232+0.1988i
37.7	-0.5165+0.0910i	0.4535-4.1845i	1.2973-0.4175i	-0.0443+1.7942i	0.3129-0.2402i	-0.0291-0.8526i	-0.9731+0.4640i	-1.4522+0.2692i
37.8	-0.5437+0.2044i	0.1781-4.3291i	1.2619-0.6403i	0.0258+1.7695i	0.2910-0.2699i	-0.0567-0.9014i	-0.8755+0.5253i	-1.3443+0.3408i
37.9	-0.5310+0.3061i	-0.0570-4.3605i	1.1622-0.8393i	0.1049+1.6983i	0.2534-0.2837i	-0.0943-0.9468i	-0.7927+0.5437i	-1.2355+0.3252i
38.0	-0.5105+0.4266i	-0.4260-4.3657i	0.9479-1.0456i	0.3484+1.6472i	0.1840-0.2767i	-0.1679-0.9781i	-0.7174+0.5019i	-1.1394+0.2290i
38.1	-0.4533+0.5184i	-0.7006-4.2349i	0.6826-1.1354i	0.5396+1.5126i	0.1579-0.2455i	-0.2778-0.9252i	-0.7580+0.4868i	-1.2466+0.2178i
38.2	-0.4068+0.6040i	-0.9165-4.1128i	0.4709-1.2046i	0.7007+1.3956i	0.1311-0.2176i	-0.2926-0.8451i	-0.7912+0.5312i	-1.2793+0.2878i
38.3	-0.3475+0.7082i	-1.1281-4.0121i	0.2028-1.2377i	0.9027+1.2149i	0.1296-0.1924i	-0.2482-0.7940i	-0.8154+0.6030i	-1.2813+0.3901i
38.4	-0.3117+0.8163i	-1.3051-3.9453i	0.0031-1.2802i	1.0910+1.0048i	0.1436-0.1765i	-0.2195-0.8213i	-0.8235+0.6909i	-1.2921+0.4778i
38.5	-0.1166+0.9131i	-1.4710-3.7261i	-0.3927-1.1170i	1.0055+0.5502i	0.1556-0.1872i	-0.2280-0.8777i	-0.7132+0.8209i	-1.1930+0.6080i
38.6	0.0122+0.9403i	-1.5973-3.6386i	-0.5901-0.9577i	0.9014+0.3522i	0.1473-0.1982i	-0.2685-0.9120i	-0.6085+0.8748i	-1.0847+0.6649i
38.7	0.1410+0.9136i	-1.7166-3.5469i	-0.7210-0.6841i	0.7771+0.1982i	0.1397-0.2020i	-0.3361-0.9229i	-0.5102+0.9073i	-0.9922+0.7061i
38.8	0.2525+0.8845i	-1.9258-3.4070i	-0.7762-0.3493i	0.7613+0.0721i	0.1292-0.2172i	-0.4014-0.9258i	-0.4033+0.9144i	-0.8979+0.7356i
38.9	0.3229+0.8358i	-2.0525-3.2452i	-0.7044-0.0835i	0.7006-0.0440i	0.1340-0.2377i	-0.4389-0.8888i	-0.2990+0.8991i	-0.8185+0.7629i
39.0	0.3932+0.7615i	-2.1599-3.0451i	-0.5737+0.1825i	0.6389-0.1312i	0.1139-0.2470i	-0.4636-0.8466i	-0.2027+0.8617i	-0.6979+0.7514i
39.1	0.4145+0.7278i	-2.2581-2.8573i	-0.3774+0.2807i	0.6034-0.2033i	0.0883-0.2557i	-0.4800-0.8388i	-0.1467+0.7899i	-0.6338+0.7040i
39.2	0.4263+0.7282i	-2.3365-2.7137i	-0.2021+0.2738i	0.6411-0.3213i	0.0610-0.2643i	-0.5088-0.8488i	-0.1277+0.7370i	-0.6040+0.6638i
39.3	0.4765+0.7351i	-2.4053-2.5276i	-0.0710+0.2277i	0.6127-0.5126i	0.0275-0.2521i	-0.5711-0.8414i	-0.1106+0.7030i	-0.5612+0.6346i
39.4	0.5553+0.6987i	-2.3779-2.3486i	-0.0210+0.2379i	0.3916-0.6137i	-0.0024-0.2293i	-0.6274-0.8144i	-0.0928+0.6609i	-0.5188+0.6007i
39.5	0.6267+0.6699i	-2.4328-2.1541i	0.0541+0.1628i	0.2356-0.7533i	-0.0291-0.2070i	-0.6659-0.7683i	-0.0708+0.6334i	-0.4599+0.5820i
39.6	0.6649+0.6447i	-2.4143-1.9876i	0.0681+0.0482i	0.0831-0.8561i	-0.0340-0.2018i	-0.6707-0.7108i	-0.0513+0.6384i	-0.4179+0.5908i
39.7	0.7192+0.6236i	-2.3633-1.8082i	-0.0475-0.0627i	-0.1114-0.9111i	-0.0543-0.1822i	-0.6758-0.6643i	-0.0106+0.5955i	-0.3578+0.5544i
39.8	0.7888+0.5777i	-2.3761-1.7020i	-0.1168-0.0210i	-0.1462-0.9263i	-0.0578-0.1596i	-0.6857-0.6393i	-0.0160+0.5601i	-0.3518+0.5279i
39.9	0.8430+0.5082i	-2.3205-1.5573i	-0.1095+0.0074i	-0.2696-0.9690i	-0.0442-0.1496i	-0.6887-0.6128i	-0.0218+0.5473i	-0.3610+0.4978i
40.0	0.8500+0.4395i	-2.2670-1.4354i	-0.1235+0.0334i	-0.3638-1.0311i	-0.0356-0.1379i	-0.6883-0.5926i	-0.0232+0.5347i	-0.3449+0.4719i
40.1	0.8552+0.3427i	-2.2333-1.3006i	-0.1678+0.0933i	-0.4910-1.0526i	-0.0372-0.1339i	-0.6820-0.5548i	-0.0031+0.5295i	-0.3136+0.4549i
40.2	0.8604+0.2858i	-2.1803-1.2139i	-0.1642+0.0360i	-0.6270-1.0913i	-0.0322-0.1427i	-0.6818-0.5326i	0.0013+0.5360i	-0.3073+0.4383i
40.3	0.8186+0.2759i	-2.1384-1.1168i	-0.1766-0.0227i	-0.7135-1.1335i	-0.0385-0.1452i	-0.6900-0.5323i	0.0035+0.5337i	-0.3194+0.4122i
40.4	0.8275+0.2584i	-2.0631-1.0532i	-0.3201-0.0154i	-0.8979-1.1207i	-0.0606-0.1438i	-0.6966-0.5236i	0.0502+0.5269i	-0.2931+0.4190i
40.5	0.8306+0.2261i	-2.0019-0.9836i	-0.3947+0.1029i	-1.0361-1.1048i	-0.0744-0.1393i	-0.7059-0.4938i	0.0776+0.5085i	-0.2844+0.4020i
40.6	0.8390+0.1941i	-1.9503-0.9173i	-0.4220+0.2278i	-1.1983-1.0499i	-0.0928-0.1223i	-0.7048-0.4583i	0.1134+0.4793i	-0.2567+0.3878i
40.7	0.8386+0.1922i	-1.8948-0.8593i	-0.4059+0.3149i	-1.2865-0.9980i	-0.1056-0.1003i	-0.6929-0.4375i	0.1334+0.4449i	-0.2302+0.3656i
40.8	0.8416+0.1597i	-1.8419-0.8170i	-0.4499+0.4443i	-1.3970-0.8809i	-0.1172-0.0774i	-0.6681-0.4239i	0.1563+0.3949i	-0.2122+0.3374i
40.9	0.8798+0.1412i	-1.7896-0.7479i	-0.4078+0.5099i	-1.4921-0.9025i	-0.0976-0.0715i	-0.6612-0.4048i	0.1532+0.3688i	-0.2216+0.3226i
41.0	0.9210+0.1005i	-1.7271-0.6947i	-0.3359+0.5708i	-1.5911-0.8445i	-0.0943-0.0631i	-0.6498-0.4110i	0.1464+0.3339i	-0.2242+0.3040i
41.1	0.9023+0.0031i	-1.6594-0.6818i	-0.3630+0.6888i	-1.7303-0.7035i	-0.1079-0.0469i	-0.6390-0.4085i	0.1550+0.2888i	-0.2060+0.2880i
41.2	0.8441-0.0396i	-1.5936-0.6582i	-0.2644+0.7675i	-1.9049-0.5737i	-0.1111-0.0261i	-0.6494-0.4180i	0.1570+0.2445i	-0.2028+0.2698i
41.3	0.8666+0.0021i	-1.5483-0.6200i	-0.1703+0.7484i	-1.9443-0.5619i	-0.1004-0.0069i	-0.6603-0.4083i	0.1544+0.2124i	-0.1999+0.2422i
41.4	0.9646-0.1007i	-1.4827-0.6039i	-0.1823+0.8445i	-2.1346-0.4849i	-0.0959+0.0122i	-0.6391-0.4095i	0.1516+0.1563i	-0.1900+0.2095i
41.5	0.9105-0.2094i	-1.4441-0.6188i	-0.0812+0.9170i	-2.1827-0.2157i	-0.0873+0.0330i	-0.6422-0.4334i	0.1153+0.1138i	-0.1981+0.1891i
41.6	0.8480-0.2452i	-1.4118-0.5917i	-0.0377+0.9059i	-2.0883-0.1019i	-0.0675+0.0342i	-0.6588-0.4419i	0.0776+0.0844i	-0.2095+0.1753i
41.7	0.7616-0.2862i	-1.3854-0.5868i	0.0715+0.8801i	-2.0204-0.0115i	-0.0508+0.0364i	-0.6703-0.4503i	0.0306+0.0643i	-0.2220+0.1604i
41.8	0.7115-0.2431i	-1.3622-0.5898i	0.0863+0.8197i	-1.9728+0.0360i	-0.0475+0.0442i	-0.6952-0.4620i	0.0027+0.0508i	-0.2179+0.1514i
41.9	0.7182-0.3225i	-1.3333-0.5916i	0.0124+0.9924i	-2.0460+0.0265i	-0.0340+0.0654i	-0.7016-0.4799i	-0.0324+0.0111i	-0.2225+0.1224i
42.0	0.6580-0.3369i	-1.3353-0.5868i	0.0869+1.0341i	-2.0262+0.1102i	-0.0099+0.0696i	-0.7353-0.4953i	-0.0844-0.0126i	-0.2430+0.0944i
42.1	0.6700-0.4037i	-1.3253-0.5584i	0.0757+1.1911i	-1.9823+0.1603i	0.0045+0.0691i	-0.7740-0.5040i	-0.1390-0.0364i	-0.2577+0.0592i
42.2	0.5484-0.4548i	-1.2950-0.5396i	0.3203+1.3325i	-2.0027+0.1464i	0.0063+0.0635i	-0.8234-0.5024i	-0.1877-0.0267i	-0.2845+0.0513i
42.3	0.4677-0.4198i	-1.2543-0.5196i	0.4535+1.3225i	-2.1892+0.1473i	-0.0090+0.0686i	-0.8753-0.4994i	-0.2256-0.0381i	-0.3121+0.0426i
42.4	0.3753-0.3684i	-1.2624-0.5363i	0.6073+1.2340i	-2.1396+0.2958i	0.0135+0.0882i	-0.9506-0.4733i	-0.3341-0.0264i	-0.3798+0.0462i
42.5	0.3399-0.3182i	-1.2574-0.5154i	0.6914+1.1982i	-2.1238+0.3417i	0.0270+0.0921i	-0.9811-0.4391i	-0.4037+0.0152i	-0.3982+0.0651i
42.6	0.2850-0.2789i	-1.2514-0.5128i	0.8859+1.1247i	-2.1293+0.4550i	0.0571+0.1005i	-1.0455-0.4133i	-0.4889+0.0674i	-0.4221+0.0613i
42.7	0.2515-0.2437i	-1.2571-0.5076i	0.9776+1.0336i	-1.9436+0.5519i	0.0949+0.1048i	-1.0783-0.3696i	-0.5401+0.1339i	-0.4519+0.0745i
42.8	0.2205-0.1885i	-1.2225-0.4414i	1.0474+1.0464i	-1.8304+0.2195i	0.1206+0.0800i	-1.0940-0.2532i	-0.5453+0.2835i	-0.4614+0.1099i
42.9	0.2408-0.1425i	-1.1856-0.4454i	1.1063+1.0049i	-2.1327+0.2295i	0.1322+0.0785i	-1.0989-0.2048i	-0.5434+0.3266i	-0.4745+0.1235i
43.0	0.2362-0.1463i	-1.1829-0.4569i	1.2263+0.9351i	-2.2007+0.4634i	0.1568+0.0606i	-1.1083-0.1705i	-0.5621+0.3724i	-0.5029+0.1388i
43.1	0.1555-0.1717i	-1.2013-0.4408i	1.3680+0.8385i	-2.0763+0.5769i	0.1842+0.0350i	-1.1415-0.1304i	-0.6125+0.4562i	-0.5421+0.1708i
43.2	-0.0160-0.0347i	-1.1974-0.4095i	1.5407+0.6078i	-2.0289+0.6058i	0.1825+0.0163i	-1.1678-0.0883i	-0.6181+0.5522i	-0.5676+0.2048i
43.3	0.1621+0.2684i	-1.1831-0.3719i	1.2979+0.2654i	-1.8700+0.6387i	0.2097-0.0021i	-1.1756+0.0033i	-0.5778+0.6728i	-0.5772+0.2575i
43.4	0.4129+0.2148i	-1.1365-0.3163i	1.0553+0.4396i	-1.8968+0.3567i	0.1968-0.0512i	-1.1291+0.0800i	-0.4577+0.7696i	-0.5373+0.2912i

43.5	0.4044+0.0531i	-1.0732-0.3244i	1.2052+0.5774i	-2.2565+0.2181i	0.1683-0.0831i	-1.0906+0.1165i	-0.3454+0.8050i	-0.5351+0.2977i
43.6	0.3044+0.0263i	-1.0501-0.3479i	1.3821+0.4854i	-2.5286+0.4235i	0.1528-0.0859i	-1.0764+0.1474i	-0.2653+0.8170i	-0.5531+0.3232i
43.7	0.2474+0.1254i	-1.0364-0.3606i	1.4466+0.2804i	-2.5784+0.7888i	0.1435-0.0783i	-1.0897+0.1986i	-0.2156+0.8185i	-0.5617+0.3726i
43.8	0.3569+0.2499i	-1.0398-0.3390i	1.2567+0.1019i	-2.4242+0.9821i	0.1312-0.0906i	-1.0466+0.2871i	-0.1061+0.8197i	-0.5244+0.4362i
43.9	0.4958+0.2685i	-1.0218-0.3143i	1.0829+0.0984i	-2.3181+1.0325i	0.1170-0.1033i	-1.0038+0.3516i	-0.0042+0.8051i	-0.4890+0.4833i
44.0	0.5457+0.2087i	-0.9991-0.2914i	1.0899+0.2644i	-2.1823+0.9220i	0.0954-0.1101i	-0.9547+0.4073i	0.0601+0.7743i	-0.4452+0.5303i
44.1	0.6141+0.1111i	-0.9384-0.2963i	1.1675+0.3454i	-2.3780+0.7077i	0.0872-0.1002i	-0.8599+0.4205i	0.1192+0.6587i	-0.3853+0.5244i
44.2	0.5746+0.0001i	-0.9194-0.3375i	1.2595+0.3935i	-2.6095+1.0082i	0.0905-0.0856i	-0.8070+0.4044i	0.0523+0.5672i	-0.3604+0.5112i
44.3	0.4645-0.0388i	-0.9192-0.3360i	1.4792+0.4305i	-2.5403+1.1780i	0.0866-0.0913i	-0.7477+0.3935i	0.0221+0.5957i	-0.3189+0.5156i
44.4	0.3687+0.0529i	-0.8828-0.3224i	1.6697+0.1720i	-2.6061+1.1909i	0.0643-0.0770i	-0.7026+0.3774i	0.0406+0.5958i	-0.2845+0.5070i
44.5	0.3514+0.1607i	-0.8556-0.3427i	1.6779-0.1297i	-2.6920+1.4457i	0.0648-0.0576i	-0.6662+0.3475i	0.0256+0.5825i	-0.2563+0.4927i
44.6	0.4769+0.2658i	-0.8516-0.3469i	1.4024-0.3212i	-2.5404+1.6193i	0.0949-0.0407i	-0.6474+0.3177i	0.0491+0.5940i	-0.2322+0.4775i
44.7	0.5547+0.2494i	-0.8323-0.3671i	1.3350-0.3355i	-2.5494+1.7412i	0.1070-0.0403i	-0.6571+0.2911i	0.0875+0.5681i	-0.2245+0.4330i
44.8	0.6766+0.2483i	-0.8347-0.3564i	1.1012-0.3115i	-2.3991+1.7227i	0.1341-0.0496i	-0.6614+0.2901i	0.1101+0.5252i	-0.2285+0.4270i
44.9	0.7862+0.1068i	-0.8246-0.3451i	0.9947-0.0065i	-2.3278+1.4823i	0.1432-0.0818i	-0.6636+0.3202i	0.1453+0.4692i	-0.2288+0.4223i
45.0	0.6756+0.0229i	-0.7937-0.3947i	1.3041-0.0224i	-2.5894+1.7145i	0.1275-0.0881i	-0.6357+0.3420i	0.0949+0.4206i	-0.2147+0.4191i
45.1	0.6759+0.0382i	-0.8014-0.4191i	1.3103-0.1408i	-2.4937+1.8825i	0.1272-0.1117i	-0.6127+0.3263i	0.0658+0.4167i	-0.2053+0.4170i
45.2	0.6876-0.0002i	-0.7927-0.4401i	1.3382-0.1935i	-2.5370+2.0468i	0.1114-0.1229i	-0.5829+0.3190i	0.0290+0.4100i	-0.1899+0.4095i
45.3	0.6665+0.0272i	-0.7983-0.4738i	1.3210-0.3141i	-2.5317+2.3878i	0.1058-0.1084i	-0.5660+0.3048i	-0.0150+0.4114i	-0.1853+0.3919i
45.4	0.6935+0.0204i	-0.8231-0.4761i	1.2340-0.2878i	-2.2705+2.6154i	0.1167-0.1096i	-0.5794+0.2886i	-0.0531+0.4198i	-0.1972+0.3878i
45.5	0.7711+0.0368i	-0.8080-0.4298i	1.1309-0.3281i	-2.0749+2.2345i	0.1124-0.1467i	-0.5623+0.2805i	-0.0188+0.4170i	-0.1808+0.3858i
45.6	0.8191-0.0658i	-0.7895-0.4868i	1.1640-0.1988i	-2.2733+2.4051i	0.0994-0.1745i	-0.5783+0.2528i	-0.0589+0.3773i	-0.1956+0.3743i
45.7	0.7758-0.1511i	-0.8463-0.5021i	1.3234-0.1156i	-2.0736+2.5846i	0.0807-0.1813i	-0.6020+0.2746i	-0.1205+0.4132i	-0.1979+0.3892i
45.8	0.7535-0.1740i	-0.8359-0.4648i	1.4964-0.2049i	-2.0432+2.4424i	0.0457-0.1721i	-0.5715+0.2685i	-0.1610+0.4306i	-0.1711+0.3850i
45.9	0.7282-0.1876i	-0.8352-0.4952i	1.5356-0.4560i	-2.0875+2.6165i	0.0350-0.1434i	-0.5922+0.2483i	-0.2348+0.4666i	-0.1729+0.3650i
46.0	0.6999-0.2220i	-0.8600-0.5269i	1.4596-0.5630i	-2.0266+2.8536i	0.0317-0.0977i	-0.6180+0.2691i	-0.2908+0.5778i	-0.2012+0.3687i
46.1	0.6708-0.2405i	-0.8953-0.5366i	1.4411-0.6720i	-1.9411+3.0313i	0.0460-0.0877i	-0.6146+0.2730i	-0.3009+0.6660i	-0.2035+0.3766i
46.2	0.6736-0.2311i	-0.9321-0.5105i	1.3231-0.6570i	-1.6442+3.0848i	0.0568-0.1051i	-0.6423+0.2757i	-0.2535+0.7470i	-0.1967+0.3796i
46.3	0.6792-0.2718i	-0.9498-0.4618i	1.3945-0.5406i	-1.4166+2.8532i	0.0274-0.1165i	-0.6366+0.3184i	-0.2200+0.8153i	-0.1778+0.3833i
46.4	0.6400-0.3118i	-0.9361-0.4425i	1.5385-0.6945i	-1.4810+2.8125i	0.0165-0.1144i	-0.6528+0.3470i	-0.2207+0.8983i	-0.1817+0.3849i
46.5	0.5844-0.3404i	-0.9257-0.4476i	1.5672-0.8969i	-1.4794+3.0135i	0.0265-0.0947i	-0.6541+0.4063i	-0.1643+1.0166i	-0.1975+0.4044i
46.6	0.5607-0.3540i	-0.9120-0.4389i	1.5052-0.9914i	-1.4066+3.0582i	0.0226-0.0756i	-0.6057+0.4417i	-0.0695+1.0712i	-0.1886+0.4179i
46.7	0.5237-0.3631i	-0.8689-0.4521i	1.4848-1.1806i	-1.5187+3.0693i	0.0033-0.0501i	-0.5644+0.4389i	0.0029+1.1050i	-0.1827+0.4164i
46.8	0.5333-0.3423i	-0.9375-0.4864i	1.1860-1.2711i	-1.3154+3.3262i	0.0254-0.0413i	-0.5632+0.4242i	0.0759+1.1373i	-0.1671+0.4286i
46.9	0.4606-0.4052i	-0.9794-0.4638i	1.2476-1.2797i	-1.0242+3.2914i	0.0398-0.0362i	-0.5404+0.4209i	0.1715+1.1692i	-0.1471+0.4380i
47.0	0.3940-0.3568i	-0.9819-0.4708i	1.1011-1.4614i	-0.9018+3.4001i	0.0629-0.0211i	-0.5430+0.4345i	0.2841+1.2138i	-0.1268+0.4314i
47.1	0.3894-0.3668i	-1.0066-0.4752i	0.9440-1.4413i	-0.7668+3.4620i	0.0745-0.0049i	-0.5137+0.4646i	0.3926+1.2136i	-0.1203+0.4272i
47.2	0.3191-0.3508i	-1.0626-0.4653i	0.8034-1.4980i	-0.4467+3.5697i	0.1117+0.0140i	-0.4776+0.4632i	0.5221+1.2022i	-0.1167+0.4379i
47.3	0.3083-0.2925i	-1.1114-0.4031i	0.6279-1.4237i	-0.1306+3.4228i	0.1425+0.0043i	-0.4542+0.4504i	0.6574+1.1592i	-0.0869+0.4416i
47.4	0.3261-0.2760i	-1.0966-0.3201i	0.6214-1.2442i	-0.0106+3.0698i	0.1742-0.0270i	-0.4419+0.4292i	0.7634+1.0490i	-0.0589+0.4231i
47.5	0.3284-0.2879i	-1.0666-0.2806i	0.6325-1.2250i	0.0261+2.9139i	0.1903-0.0484i	-0.4332+0.4158i	0.8272+0.9641i	-0.0518+0.4120i
47.6	0.2847-0.3341i	-1.0235-0.2563i	0.6644-1.2698i	-0.0346+2.8037i	0.1943-0.0813i	-0.4379+0.4020i	0.8820+0.8528i	-0.0467+0.3752i
47.7	0.1744-0.2922i	-0.9839-0.2784i	0.6741-1.3839i	-0.1237+2.7937i	0.2080-0.0838i	-0.4275+0.3970i	0.9270+0.7690i	-0.0649+0.3636i
47.8	0.1490-0.1561i	-0.9944-0.3084i	0.4639-1.4689i	-0.0349+2.8511i	0.2290-0.1019i	-0.4200+0.3863i	0.9597+0.6702i	-0.0764+0.3694i
47.9	0.2010-0.1581i	-1.0136-0.2665i	0.4132-1.2877i	-0.0189+2.6855i	0.2226-0.1423i	-0.4376+0.3634i	0.9440+0.5575i	-0.0852+0.3690i
48.0	0.1639-0.0628i	-1.0295-0.2464i	0.3054-1.3730i	0.1194+2.6937i	0.2327-0.1903i	-0.4645+0.3648i	0.9516+0.4534i	-0.0781+0.3704i
48.1	0.2331-0.0430i	-0.9995-0.2368i	0.2717-1.2483i	0.1597+2.6391i	0.2068-0.2246i	-0.4581+0.3827i	0.8984+0.3707i	-0.0694+0.3878i
48.2	0.2810-0.0993i	-0.9747-0.2252i	0.2786-1.1355i	0.0475+2.5598i	0.1600-0.2415i	-0.4723+0.3883i	0.8104+0.3051i	-0.0529+0.3894i
48.3	0.2702-0.1286i	-0.9846-0.2068i	0.2895-1.0999i	0.1727+2.4503i	0.1077-0.2437i	-0.4611+0.4108i	0.7528+0.3125i	-0.0279+0.3843i
48.4	0.1900-0.1336i	-0.9634-0.1920i	0.3420-1.1437i	0.2374+2.4182i	0.0990-0.2130i	-0.4471+0.4094i	0.7370+0.2821i	-0.0197+0.3630i
48.5	0.1254-0.0743i	-0.9562-0.1779i	0.3637-1.1846i	0.1747+2.3471i	0.1139-0.2299i	-0.4381+0.4146i	0.6810+0.2080i	-0.0296+0.3602i
48.6	0.0658+0.0553i	-0.9284-0.2052i	0.2984-1.2884i	0.0975+2.3994i	0.1080-0.2338i	-0.4441+0.4225i	0.6165+0.2145i	-0.0369+0.3599i
48.7	0.1776+0.1854i	-0.9132-0.2231i	0.1421-1.2760i	0.1422+2.3945i	0.0858-0.2399i	-0.4362+0.4415i	0.5643+0.2336i	-0.0219+0.3597i
48.8	0.3455+0.1726i	-0.9289-0.2302i	0.0764-1.2007i	0.1588+2.3098i	0.0528-0.2343i	-0.4173+0.4385i	0.5289+0.2518i	-0.0203+0.3477i
48.9	0.3775+0.0684i	-0.9343-0.2131i	0.1063-1.1091i	0.1793+2.2759i	0.0423-0.2000i	-0.3932+0.4390i	0.5246+0.2939i	-0.0212+0.3428i
49.0	0.3642+0.0199i	-0.9057-0.2144i	0.1447-1.0344i	0.1171+2.2412i	0.0582-0.1697i	-0.3747+0.4269i	0.5210+0.3318i	-0.0215+0.3314i
49.1	0.3846+0.0210i	-0.9222-0.2343i	0.1527-1.0583i	0.0672+2.2848i	0.0849-0.1590i	-0.3695+0.4006i	0.5429+0.3418i	-0.0296+0.3261i
49.2	0.3988-0.0485i	-0.9277-0.2219i	0.1825-1.0699i	0.0523+2.3303i	0.1009-0.1529i	-0.3868+0.3913i	0.5740+0.3495i	-0.0323+0.3243i
49.3	0.2979-0.0676i	-0.9334-0.2149i	0.1956-1.1328i	0.1418+2.3633i	0.1127-0.1776i	-0.3917+0.3943i	0.6033+0.3613i	-0.0249+0.3448i
49.4	0.2457-0.0042i	-0.9285-0.2362i	0.1428-1.2286i	0.1650+2.4488i	0.1123-0.1963i	-0.3900+0.3744i	0.6220+0.3367i	-0.0192+0.3498i
49.5	0.3351+0.0155i	-0.9674-0.2105i	-0.0237-1.0828i	0.3169+2.2766i	0.0725-0.1928i	-0.3985+0.3654i	0.6669+0.3004i	0.0034+0.3185i
49.6	0.3016-0.0969i	-0.9545-0.1963i	0.1204-1.0269i	0.3016+2.2994i	0.0430-0.1849i	-0.4045+0.3516i	0.6385+0.2995i	0.0223+0.3079i
49.7	0.1926-0.0690i	-0.9542-0.2348i	0.1750-1.2179i	0.1543+2.4063i	0.0624-0.2000i	-0.4207+0.3279i	0.6141+0.2723i	0.0095+0.3206i

49.8	0.2004+0.0860i	-0.9974-0.2284i	-0.0005-1.2664i	0.1546+2.3603i	0.0776-0.2288i	-0.4510+0.3356i	0.6285+0.2236i	0.0054+0.3228i
49.9	0.2696+0.1479i	-1.0439-0.2043i	-0.1723-1.1967i	0.2713+2.3491i	0.0570-0.2222i	-0.4831+0.3426i	0.6180+0.2287i	0.0200+0.3106i
50.0	0.2530+0.1241i	-1.0550-0.1875i	-0.1772-1.1137i	0.3871+2.2896i	0.0740-0.1756i	-0.5145+0.3680i	0.6301+0.2644i	-0.0035+0.2817i
50.1	0.2543+0.1648i	-1.0473-0.1488i	-0.1399-1.0730i	0.4159+2.2069i	0.0959-0.1787i	-0.5325+0.4067i	0.6495+0.2501i	-0.0256+0.2730i
50.2	0.2909+0.1825i	-1.0396-0.1323i	-0.1579-1.0487i	0.4485+2.2135i	0.0829-0.1897i	-0.5432+0.4164i	0.6269+0.2400i	-0.0109+0.2838i
50.3	0.3323+0.1693i	-1.0381-0.1118i	-0.1952-1.0166i	0.4889+2.1633i	0.0779-0.1878i	-0.5434+0.4437i	0.6175+0.2435i	-0.0048+0.2936i
50.4	0.3118+0.0896i	-1.0016-0.0656i	-0.0952-0.9631i	0.3184+2.1292i	0.0996-0.1558i	-0.5195+0.4590i	0.6501+0.2554i	-0.0328+0.2795i
50.5	0.2209+0.1113i	-0.9839-0.0811i	0.0093-1.0493i	0.2607+2.2054i	0.1431-0.1658i	-0.5247+0.4588i	0.6867+0.2331i	-0.0539+0.2895i
50.6	0.2302+0.1848i	-1.0289-0.0829i	-0.1303-1.0226i	0.4717+2.2466i	0.1859-0.1780i	-0.5660+0.4813i	0.7139+0.2203i	-0.0551+0.2925i
50.7	0.2482+0.1731i	-1.0110-0.0568i	-0.1658-1.0016i	0.4270+2.3005i	0.2067-0.1854i	-0.5905+0.5038i	0.7432+0.2073i	-0.0510+0.2817i
50.8	0.2257+0.1404i	-0.9911-0.0270i	-0.1385-0.9715i	0.3871+2.2243i	0.1986-0.2195i	-0.5917+0.5371i	0.7408+0.1719i	-0.0517+0.2820i
50.9	0.2226+0.3015i	-1.0452-0.0458i	-0.1283-1.0291i	0.4849+2.1732i	0.1987-0.2907i	-0.5908+0.5924i	0.7496+0.1283i	-0.0663+0.2981i
51.0	0.2953+0.3608i	-1.0411+0.0010i	-0.2435-1.0195i	0.5579+2.1948i	0.2119-0.3030i	-0.6092+0.6337i	0.7563+0.1105i	-0.0649+0.3029i
51.1	0.3158+0.3667i	-1.0322+0.0340i	-0.2733-0.9929i	0.6169+2.2029i	0.2157-0.3171i	-0.6336+0.6770i	0.7637+0.0997i	-0.0676+0.3109i
51.2	0.3654+0.3812i	-1.0556+0.0866i	-0.2992-0.9510i	0.6462+2.1050i	0.1876-0.3421i	-0.6079+0.7412i	0.7568+0.0670i	-0.0510+0.3113i
51.3	0.3639+0.3418i	-1.0191+0.1049i	-0.2721-0.9040i	0.7052+2.0645i	0.2095-0.3576i	-0.5611+0.7978i	0.7749+0.0149i	-0.0757+0.3011i
51.4	0.3720+0.3805i	-0.9965+0.1114i	-0.2631-0.9441i	0.6857+2.0373i	0.2023-0.3858i	-0.5038+0.8376i	0.7711-0.0431i	-0.0781+0.3042i
51.5	0.4096+0.3795i	-0.9373+0.1520i	-0.2623-0.9089i	0.6027+2.1414i	0.1741-0.4008i	-0.4628+0.8890i	0.7296-0.0694i	-0.0899+0.3240i
51.6	0.4507+0.3817i	-0.9056+0.2044i	-0.2987-0.9530i	0.5135+2.1358i	0.1586-0.4088i	-0.4560+0.8969i	0.6928-0.0955i	-0.1052+0.3354i
51.7	0.4753+0.4025i	-0.8834+0.2201i	-0.2703-0.9924i	0.5345+2.0655i	0.1300-0.3949i	-0.3475+0.8929i	0.6296-0.0893i	-0.1099+0.3425i
51.8	0.4949+0.4419i	-0.8907+0.2089i	-0.3152-0.9614i	0.6788+1.9854i	0.1253-0.4143i	-0.2670+0.8932i	0.6021-0.0648i	-0.1014+0.3602i
51.9	0.5275+0.3676i	-0.8433+0.1841i	-0.3952-0.8410i	0.7417+2.1089i	0.1373-0.4094i	-0.2573+0.8996i	0.5793-0.0056i	-0.0980+0.3783i
52.0	0.4844+0.3667i	-0.8174+0.1814i	-0.3384-0.8818i	0.8391+2.0314i	0.1812-0.4220i	-0.2836+0.8543i	0.6461+0.0357i	-0.1020+0.3905i
52.1	0.5186+0.3904i	-0.7716+0.2358i	-0.3313-0.8879i	0.8232+1.8679i	0.2048-0.4518i	-0.2867+0.8443i	0.7090+0.0398i	-0.0973+0.3978i
52.2	0.5139+0.4428i	-0.7376+0.2157i	-0.3449-0.9011i	0.8153+1.8283i	0.1991-0.5037i	-0.2365+0.8686i	0.7589+0.0285i	-0.0960+0.4246i
52.3	0.5143+0.4818i	-0.7214+0.1179i	-0.4347-0.9128i	0.9660+1.9628i	0.2338-0.5525i	-0.2210+0.8669i	0.8313-0.0380i	-0.0857+0.4366i
52.4	0.5903+0.3951i	-0.7013+0.1132i	-0.4536-0.8501i	0.9428+1.8853i	0.2139-0.6234i	-0.2065+0.8717i	0.8365-0.1405i	-0.0793+0.4581i
52.5	0.5552+0.3821i	-0.6931+0.0806i	-0.3724-0.7760i	0.8924+1.9113i	0.1997-0.6842i	-0.1957+0.8644i	0.8560-0.2219i	-0.0761+0.4850i
52.6	0.5607+0.4441i	-0.6849+0.0794i	-0.3556-0.8050i	0.8085+1.8642i	0.1417-0.7782i	-0.1739+0.8841i	0.8135-0.3330i	-0.0569+0.5156i
52.7	0.6464+0.4341i	-0.6568+0.0479i	-0.3659-0.7772i	0.7536+1.9395i	0.0461-0.8409i	-0.1636+0.8897i	0.7063-0.4384i	-0.0426+0.5468i
52.8	0.6400+0.4117i	-0.6611-0.0031i	-0.3318-0.8220i	0.6975+2.1081i	-0.0481-0.8497i	-0.1951+0.9004i	0.5668-0.4493i	-0.0113+0.5684i
52.9	0.6709+0.4296i	-0.6647-0.0080i	-0.3520-0.9051i	0.6813+2.1354i	-0.1602-0.7915i	-0.1821+0.9398i	0.4447-0.3076i	0.0443+0.5829i
53.0	0.6975+0.4507i	-0.6841-0.0117i	-0.4464-0.9677i	0.8194+2.2413i	-0.1866-0.7243i	-0.1441+0.9491i	0.4824-0.1735i	0.1096+0.5759i
53.1	0.7342+0.5158i	-0.7052-0.0149i	-0.5141-0.9693i	0.9741+2.0743i	-0.2171-0.7394i	-0.0892+0.9750i	0.5436-0.1712i	0.1484+0.5384i
53.2	0.7695+0.5200i	-0.7167-0.0225i	-0.5562-0.8946i	1.0401+1.9904i	-0.2512-0.7620i	-0.0365+1.0001i	0.5983-0.1949i	0.1620+0.5062i
53.3	0.8707+0.4818i	-0.7120-0.0009i	-0.6360-0.8378i	0.9605+2.0156i	-0.3353-0.7523i	0.0358+0.9965i	0.6166-0.2107i	0.1772+0.4766i
53.4	0.8970+0.4055i	-0.7193+0.0060i	-0.6380-0.8123i	0.9673+1.9254i	-0.4210-0.6967i	0.1154+0.9367i	0.6212-0.1945i	0.2061+0.4380i
53.5	0.8661+0.3968i	-0.7021-0.0618i	-0.6620-0.8011i	1.0396+1.9429i	-0.4486-0.6249i	0.1668+0.8696i	0.6882-0.2211i	0.2002+0.4102i
53.6	0.8823+0.3772i	-0.7566-0.0868i	-0.6791-0.6883i	1.2563+1.9014i	-0.4388-0.5664i	0.1784+0.7756i	0.7371-0.2897i	0.1618+0.3824i
53.7	0.9227+0.3627i	-0.7690-0.0016i	-0.6517-0.6810i	1.1763+1.7339i	-0.4206-0.5435i	0.1078+0.7262i	0.7520-0.3749i	0.1196+0.3879i
53.8	0.9548+0.3364i	-0.7210-0.0064i	-0.6805-0.6437i	1.0519+1.7178i	-0.4105-0.5475i	0.0216+0.7413i	0.6927-0.5179i	0.1093+0.4304i
53.9	0.9588+0.2957i	-0.7077-0.0456i	-0.6875-0.5740i	1.0216+1.7918i	-0.4221-0.5610i	0.0066+0.8022i	0.5762-0.6048i	0.1322+0.4565i
54.0	0.9396+0.2728i	-0.7214-0.0458i	-0.6645-0.5249i	1.0867+1.7720i	-0.4624-0.5595i	0.0180+0.8662i	0.4499-0.6107i	0.1495+0.4732i
54.1	0.9159+0.2605i	-0.7310-0.0727i	-0.5633-0.4710i	1.0947+1.7888i	-0.4899-0.5247i	0.0653+0.9003i	0.3816-0.5710i	0.1608+0.4627i
54.2	0.8844+0.2575i	-0.7046-0.1192i	-0.4089-0.5288i	1.2423+1.8616i	-0.4793-0.4840i	0.1418+0.8780i	0.2888-0.4963i	0.2012+0.4857i
54.3	0.9032+0.2059i	-0.6825-0.0979i	-0.4773-0.5983i	1.2105+1.9071i	-0.4580-0.4282i	0.1695+0.8503i	0.2758-0.4278i	0.2278+0.4840i
54.4	0.8993+0.2185i	-0.7334-0.1156i	-0.4549-0.6225i	1.2441+1.8168i	-0.4339-0.4504i	0.1990+0.8181i	0.3067-0.4018i	0.2434+0.4719i
54.5	0.8749+0.2371i	-0.7512-0.1404i	-0.4492-0.6622i	1.2713+1.7399i	-0.4133-0.4789i	0.2014+0.7844i	0.3370-0.4138i	0.2584+0.4671i
54.6	0.8604+0.2628i	-0.7354-0.1634i	-0.4848-0.6930i	1.2744+1.7434i	-0.4364-0.5261i	0.1835+0.7814i	0.3289-0.4530i	0.2836+0.4644i
54.7	0.8785+0.2742i	-0.7571-0.1713i	-0.5261-0.7232i	1.2927+1.7403i	-0.4891-0.5617i	0.1788+0.7827i	0.2929-0.4771i	0.3093+0.4735i
54.8	0.8820+0.2628i	-0.7745-0.1712i	-0.5267-0.7155i	1.2442+1.6386i	-0.5567-0.5409i	0.1846+0.7836i	0.2618-0.4586i	0.3381+0.4515i
54.9	0.8863+0.2948i	-0.7909-0.1729i	-0.5690-0.7192i	1.2552+1.5424i	-0.5929-0.5298i	0.1969+0.8089i	0.2554-0.4332i	0.3611+0.4273i
55.0	0.9031+0.3293i	-0.7987-0.1953i	-0.6330-0.7241i	1.2265+1.5285i	-0.6326-0.5273i	0.2212+0.8310i	0.2378-0.4242i	0.3930+0.4165i
55.1	0.9655+0.3330i	-0.8494-0.1916i	-0.7020-0.6935i	1.2141+1.5605i	-0.6785-0.4998i	0.2703+0.8420i	0.2302-0.4171i	0.4172+0.3944i
55.2	0.9939+0.3359i	-0.8738-0.2046i	-0.7335-0.6263i	1.2159+1.5937i	-0.7026-0.4799i	0.3215+0.8436i	0.2229-0.4056i	0.4373+0.3576i
55.3	1.0085+0.3516i	-0.9002-0.2177i	-0.7036-0.5844i	1.1975+1.5064i	-0.7413-0.4614i	0.3819+0.8113i	0.2363-0.4117i	0.4443+0.3220i
55.4	1.0463+0.3351i	-0.9419-0.1866i	-0.6310-0.5603i	1.1449+1.5236i	-0.7934-0.4187i	0.4313+0.7185i	0.2404-0.4455i	0.4299+0.2856i
55.5	1.0798+0.3580i	-0.9702-0.1495i	-0.6229-0.6841i	1.2056+1.4119i	-0.8428-0.4084i	0.3874+0.6199i	0.2227-0.4795i	0.4396+0.2716i
55.6	1.0838+0.3415i	-0.9770-0.1586i	-0.6962-0.7284i	1.2902+1.4576i	-0.8807-0.3722i	0.3156+0.5858i	0.1649-0.4812i	0.4568+0.2334i
55.7	1.1052+0.3007i	-0.9968-0.1793i	-0.7672-0.6711i	1.3557+1.5449i	-0.9224-0.3015i	0.2715+0.6035i	0.0937-0.4799i	0.4461+0.1943i
55.8	1.1682+0.2942i	-1.0065-0.1462i	-0.8188-0.6502i	1.2294+1.4321i	-0.9718-0.2262i	0.2358+0.6225i	0.0670-0.4619i	0.4358+0.1621i
55.9	1.2124+0.3042i	-1.0262-0.1095i	-0.8640-0.6027i	1.1963+1.3444i	-1.0015-0.1650i	0.2003+0.6494i	0.0223-0.4245i	0.4353+0.1259i
56.0	1.2532+0.2892i	-1.0521-0.0822i	-0.8957-0.5529i	1.1572+1.2868i	-1.0275-0.1064i	0.1896+0.6801i	0.0063-0.3916i	0.4182+0.0937i

56.1	1.2487+0.2276i	-1.0504-0.0760i	-0.8286-0.5179i	1.1803+1.2833i	-1.0181-0.0137i	0.2108+0.7154i	0.0008-0.3575i	0.3908+0.0643i
56.2	1.2789+0.2186i	-1.0519-0.0702i	-0.8511-0.4999i	1.1632+1.2954i	-1.0141+0.0778i	0.2198+0.7642i	-0.0411-0.3198i	0.3688+0.0359i
56.3	1.3148+0.2086i	-1.0521-0.0479i	-0.8928-0.4916i	1.0402+1.3110i	-0.9884+0.1607i	0.2375+0.7990i	-0.0535-0.2715i	0.3417+0.0268i
56.4	1.3311+0.1744i	-1.0541-0.0636i	-0.9068-0.4485i	1.0746+1.3986i	-0.9343+0.2123i	0.2887+0.8207i	-0.0348-0.2461i	0.3128+0.0371i
56.5	1.3291+0.1627i	-1.0719-0.0742i	-0.9045-0.4115i	1.2398+1.3823i	-0.8979+0.2341i	0.3334+0.8329i	-0.0200-0.2099i	0.2880+0.0381i
56.6	1.3301+0.1356i	-1.0892-0.0342i	-0.9128-0.4083i	1.3133+1.3924i	-0.8556+0.2718i	0.3711+0.8430i	-0.0129-0.1812i	0.2759+0.0353i
56.7	1.3766+0.1112i	-1.1056-0.0358i	-0.9347-0.3753i	1.2456+1.3319i	-0.8271+0.3077i	0.3963+0.8513i	0.0186-0.1722i	0.2590+0.0406i
56.8	1.3999+0.1031i	-1.1208-0.0456i	-0.9430-0.3521i	1.2270+1.2860i	-0.8018+0.3464i	0.4391+0.8591i	0.0477-0.1592i	0.2508+0.0262i
56.9	1.4170+0.0676i	-1.1430-0.0547i	-1.0020-0.3075i	1.2218+1.3009i	-0.7637+0.3959i	0.4775+0.8675i	0.0620-0.1730i	0.2188+0.0361i
57.0	1.4349+0.0121i	-1.1511-0.0220i	-1.0143-0.2325i	1.2831+1.3243i	-0.7259+0.4193i	0.5303+0.8680i	0.0661-0.1523i	0.2112+0.0209i
57.1	1.4502-0.0240i	-1.1767-0.0236i	-0.9907-0.1374i	1.2733+1.2890i	-0.6855+0.4439i	0.5880+0.8544i	0.0836-0.1583i	0.2066+0.0282i
57.2	1.4350-0.0720i	-1.1679-0.0046i	-0.9154-0.1200i	1.1329+1.2866i	-0.6340+0.4735i	0.6319+0.7982i	0.0982-0.1688i	0.2115+0.0389i
57.3	1.4198-0.0807i	-1.1843+0.0090i	-0.9176-0.1175i	1.1714+1.3171i	-0.5957+0.5003i	0.6450+0.8054i	0.0890-0.1748i	0.2116+0.0263i
57.4	1.4054-0.1112i	-1.2331+0.0188i	-0.8929-0.1082i	1.1521+1.3348i	-0.5379+0.5174i	0.6932+0.7810i	0.0923-0.1924i	0.1924+0.0237i
57.5	1.4217-0.1222i	-1.2570+0.0373i	-0.8522-0.0712i	1.1348+1.3489i	-0.4885+0.5281i	0.7557+0.7535i	0.0916-0.1920i	0.1689+0.0244i
57.6	1.4360-0.1049i	-1.2802+0.0497i	-0.8370-0.0656i	1.0495+1.2843i	-0.4413+0.5194i	0.7808+0.7240i	0.0763-0.1770i	0.1467+0.0412i
57.7	1.4424-0.1329i	-1.2885+0.0908i	-0.8340-0.0403i	1.0892+1.3772i	-0.3928+0.5116i	0.7964+0.6878i	0.0849-0.1559i	0.1333+0.0374i
57.8	1.4649-0.1681i	-1.2989+0.0950i	-0.8010-0.0346i	1.0701+1.4067i	-0.3640+0.5234i	0.8320+0.6656i	0.0967-0.1418i	0.1076+0.0416i
57.9	1.4552-0.1951i	-1.3152+0.0958i	-0.7984-0.0267i	1.0776+1.4752i	-0.3128+0.5044i	0.8580+0.6362i	0.1166-0.1415i	0.0607+0.0753i
58.0	1.4868-0.2252i	-1.3603+0.1173i	-0.7958+0.0067i	1.1576+1.5064i	-0.2746+0.4583i	0.8983+0.5780i	0.1537-0.1687i	0.0330+0.1379i
58.1	1.5097-0.2728i	-1.3856+0.1476i	-0.7718+0.0337i	1.1415+1.5587i	-0.2655+0.4203i	0.9110+0.5214i	0.1663-0.1923i	0.0519+0.1720i
58.2	1.4874-0.3137i	-1.4154+0.2152i	-0.7747+0.0384i	1.2506+1.5493i	-0.2701+0.4069i	0.9193+0.4867i	0.1614-0.1965i	0.0858+0.1825i
58.3	1.4930-0.3087i	-1.4525+0.2190i	-0.8399+0.0715i	1.3336+1.5789i	-0.2658+0.4006i	0.9403+0.4503i	0.1526-0.2091i	0.0934+0.2064i
58.4	1.5456-0.3283i	-1.4788+0.2562i	-0.8918+0.1312i	1.2691+1.6149i	-0.2697+0.4066i	0.9530+0.4016i	0.1411-0.2338i	0.1189+0.2255i
58.5	1.5837-0.3714i	-1.4906+0.3026i	-0.8457+0.2023i	1.3052+1.6501i	-0.2623+0.4187i	0.9622+0.3586i	0.1404-0.2417i	0.1607+0.2324i
58.6	1.5643-0.4470i	-1.5261+0.3863i	-0.7677+0.2492i	1.3342+1.6237i	-0.2388+0.4109i	0.9689+0.2787i	0.1306-0.2577i	0.2079+0.2349i
58.7	1.5479-0.5278i	-1.5115+0.4848i	-0.7064+0.2737i	1.3514+1.6235i	-0.2114+0.4239i	0.9615+0.2159i	0.1079-0.2670i	0.2647+0.2168i
58.8	1.5301-0.5677i	-1.5237+0.5426i	-0.6221+0.2945i	1.4458+1.5585i	-0.1939+0.4340i	0.9492+0.1785i	0.0940-0.2781i	0.2972+0.1965i
58.9	1.4911-0.6292i	-1.4785+0.6079i	-0.5535+0.3182i	1.5854+1.5358i	-0.1902+0.4356i	0.9214+0.1620i	0.0705-0.2890i	0.2888+0.1580i
59.0	1.4645-0.6829i	-1.4312+0.6736i	-0.5345+0.3512i	1.6964+1.5345i	-0.2005+0.4736i	0.8969+0.1693i	0.0286-0.2731i	0.2605+0.0870i
59.1	1.4202-0.7443i	-1.4061+0.7592i	-0.4932+0.3760i	1.7799+1.4506i	-0.1742+0.5131i	0.8868+0.1374i	0.0036-0.2262i	0.2051+0.0230i
59.2	1.3359-0.7619i	-1.3207+0.7542i	-0.3939+0.2931i	1.7874+1.3342i	-0.1172+0.4339i	0.8655+0.0425i	0.0366-0.2458i	0.2370+0.0194i
59.3	1.2867-0.7713i	-1.2401+0.7669i	-0.3501+0.2446i	1.6463+1.2154i	-0.0923+0.3944i	0.8519-0.0134i	0.0397-0.2693i	0.2384-0.0041i
59.4	1.2078-0.7973i	-1.1293+0.7753i	-0.2930+0.2262i	1.5601+1.2225i	-0.0630+0.3751i	0.8081-0.0666i	0.0248-0.2778i	0.1895-0.0171i
59.5	1.1197-0.7713i	-1.0692+0.7262i	-0.2558+0.1469i	1.5502+1.1273i	-0.0528+0.3415i	0.7465-0.0880i	0.0032-0.2671i	0.1605-0.0046i
59.6	1.0441-0.6843i	-1.0152+0.6269i	-0.2575+0.1028i	1.4424+1.0391i	-0.0509+0.3089i	0.6753-0.0820i	-0.0118-0.2553i	0.1310+0.0242i
59.7	1.0338-0.6109i	-0.9909+0.5546i	-0.2419+0.1026i	1.3221+1.0169i	-0.0511+0.2831i	0.6267-0.0776i	-0.0143-0.2606i	0.1116+0.0360i
59.8	1.0308-0.5389i	-1.1157+0.5267i	-0.2761+0.0948i	1.2897+1.0434i	-0.0058+0.2533i	0.6108-0.0518i	0.0408-0.2581i	0.1002+0.0381i
59.9	1.0330-0.4930i	-0.6771+0.6279i	0.2597+0.2016i	1.3111+1.1014i	0.0179+0.2620i	0.6049-0.0053i	0.0659-0.2290i	0.0976+0.0750i
60.0	1.0922-0.4650i	1.0763+2.4328i	1.9877+1.8990i	1.5639+1.3864i	-0.0683+0.2408i	0.5821-0.0085i	0.0179-0.2453i	0.0940+0.0756i
60.1	1.1301-0.4779i	-0.9048+2.0645i	0.1323+1.5098i	1.2836+1.4814i	-0.0992+0.2233i	0.5665-0.0231i	-0.0407-0.2732i	0.0797+0.1112i
60.2	1.1788-0.4602i	-1.3010+0.5454i	-0.1844+0.0015i	1.2295+1.3993i	-0.1001+0.2259i	0.5660-0.0179i	-0.0538-0.2948i	0.0972+0.1392i
60.3	1.2174-0.4605i	-1.3587+0.4904i	-0.1942-0.0726i	1.3320+1.3651i	-0.1330+0.2209i	0.5610-0.0174i	-0.0664-0.2927i	0.1114+0.1447i
60.4	1.2292-0.4836i	-1.3625+0.5342i	-0.1771-0.1120i	1.3677+1.4385i	-0.1342+0.2072i	0.5448-0.0281i	-0.1069-0.2961i	0.1394+0.1633i
60.5	1.2704-0.4748i	-1.4007+0.5594i	-0.1668-0.1508i	1.3310+1.5067i	-0.1424+0.2004i	0.5352-0.0283i	-0.1545-0.2926i	0.1828+0.1790i
60.6	1.3113-0.4637i	-1.4630+0.5595i	-0.1828-0.1857i	1.3647+1.6038i	-0.1558+0.2075i	0.5132-0.0067i	-0.2066-0.2723i	0.2458+0.1789i
60.7	1.3541-0.5123i	-1.4977+0.6346i	-0.1928-0.2012i	1.3626+1.7093i	-0.1740+0.2243i	0.4909+0.0266i	-0.2466-0.2337i	0.2715+0.1592i
60.8	1.3801-0.5476i	-1.4827+0.7117i	-0.1659-0.2439i	1.3269+1.7673i	-0.1755+0.2568i	0.5169+0.0680i	-0.2625-0.1597i	0.2724+0.0877i
60.9	1.3743-0.5730i	-1.4900+0.7405i	-0.1955-0.2703i	1.3525+1.7845i	-0.1758+0.2757i	0.5547+0.0891i	-0.2435-0.1335i	0.2416+0.0702i
61.0	1.3850-0.6147i	-1.5289+0.7811i	-0.1863-0.2779i	1.5008+1.8756i	-0.1678+0.2748i	0.6039+0.0862i	-0.2360-0.1174i	0.2293+0.0616i
61.1	1.4110-0.6342i	-1.5705+0.8093i	-0.1871-0.3439i	1.6373+1.7891i	-0.1599+0.2779i	0.6612+0.0475i	-0.2290-0.1074i	0.1995+0.0467i
61.2	1.3980-0.6687i	-1.5562+0.8774i	-0.2060-0.3751i	1.5872+1.6501i	-0.1593+0.2803i	0.6760+0.0089i	-0.2309-0.0905i	0.1962+0.0622i
61.3	1.4250-0.7354i	-1.5856+0.9704i	-0.2250-0.4258i	1.6867+1.8119i	-0.1782+0.2902i	0.6746-0.0207i	-0.2482-0.0506i	0.1954+0.0680i
61.4	1.4211-0.7920i	-1.5676+1.0288i	-0.2541-0.4223i	1.8027+1.7850i	-0.1878+0.2984i	0.6620-0.0525i	-0.2648-0.0142i	0.2153+0.0865i
61.5	1.3862-0.7815i	-1.5177+1.0577i	-0.3211-0.4394i	1.8332+1.8158i	-0.1968+0.3116i	0.6459-0.1043i	-0.2674+0.0373i	0.2258+0.0461i
61.6	1.3539-0.8388i	-1.4853+1.1337i	-0.3402-0.4833i	1.9517+1.8369i	-0.2016+0.3381i	0.6289-0.1294i	-0.2501+0.0862i	0.2336+0.0216i
61.7	1.3668-0.8539i	-1.4904+1.1677i	-0.3615-0.4740i	2.0352+1.8771i	-0.1929+0.3799i	0.5924-0.1381i	-0.2316+0.1074i	0.2207+0.0109i
61.8	1.3140-0.9017i	-1.4204+1.2227i	-0.3781-0.5137i	2.1546+1.9081i	-0.1717+0.4194i	0.5735-0.1354i	-0.2101+0.1327i	0.2223-0.0185i
61.9	1.2599-0.9093i	-1.3599+1.2600i	-0.3522-0.5835i	2.2518+1.8076i	-0.1383+0.4242i	0.5656-0.1348i	-0.1840+0.1698i	0.1960-0.0424i
62.0	1.2369-0.8989i	-1.3197+1.2590i	-0.3656-0.5627i	2.4014+1.7822i	-0.1051+0.4312i	0.5387-0.1032i	-0.1482+0.1979i	0.1614-0.0299i
62.1	1.2374-0.9435i	-1.2835+1.3104i	-0.4199-0.5976i	2.4350+1.7864i	-0.0806+0.4365i	0.5645-0.0989i	-0.1361+0.2229i	0.1461-0.0251i
62.2	1.1825-0.9505i	-1.2303+1.3274i	-0.4468-0.5818i	2.5641+1.6958i	-0.0807+0.4272i	0.5839-0.1015i	-0.1195+0.2352i	0.1367-0.0156i
62.3	1.2010-0.9414i	-1.2414+1.3346i	-0.4838-0.6613i	2.5622+1.5484i	-0.0673+0.4166i	0.6202-0.1336i	-0.0857+0.2504i	0.1307-0.0158i

62.4	1.1910−0.9268i	−1.2163+1.3263i	−0.5470−0.7368i	2.4854+1.4630i	−0.0568+0.4296i	0.6094−0.1784i	−0.0761+0.2677i	0.1357−0.0155i
62.5	1.1551−0.9287i	−1.1266+1.3233i	−0.5848−0.6959i	2.6043+1.5366i	−0.0455+0.4263i	0.6009−0.1870i	−0.0313+0.2760i	0.1065+0.0047i
62.6	1.1800−0.9134i	−1.1158+1.2934i	−0.5958−0.7034i	2.5166+1.4990i	−0.0480+0.4220i	0.6104−0.2134i	−0.0212+0.2793i	0.1090+0.0109i
62.7	1.2069−0.9831i	−1.1500+1.3349i	−0.6196−0.7829i	2.4762+1.5259i	−0.0558+0.4325i	0.6155−0.2521i	0.0001+0.3028i	0.0850−0.0036i
62.8	1.2161−0.9531i	−1.1637+1.3190i	−0.6716−0.8116i	2.5249+1.4732i	−0.0598+0.4531i	0.6155−0.2662i	0.0426+0.3100i	0.0617+0.0022i
62.9	1.2206−0.9410i	−1.1260+1.3266i	−0.7808−0.8339i	2.4824+1.5489i	−0.0427+0.4774i	0.6230−0.2968i	0.0636+0.3145i	0.0559+0.0118i
63.0	1.2373−0.9620i	−1.1453+1.3296i	−0.8463−0.8706i	2.5414+1.5831i	−0.0185+0.4927i	0.6286−0.3294i	0.0974+0.3271i	0.0496+0.0143i
63.1	1.2754−1.0111i	−1.1776+1.3418i	−0.9353−0.9107i	2.6124+1.7181i	0.0119+0.5157i	0.6145−0.3998i	0.1499+0.3504i	0.0182+0.0131i
63.2	1.2894−0.9763i	−1.2107+1.2914i	−1.0024−0.9126i	2.6761+1.6766i	0.0424+0.5315i	0.5714−0.4130i	0.1991+0.3223i	0.0014+0.0566i
63.3	1.3100−1.0193i	−1.2320+1.3091i	−1.0926−0.9049i	2.7865+1.7243i	0.0798+0.5540i	0.5343−0.4446i	0.2301+0.3192i	−0.0050+0.0767i
63.4	1.3078−1.0259i	−1.2365+1.3429i	−1.1846−0.8693i	2.7904+1.7476i	0.1116+0.5505i	0.5280−0.4935i	0.2393+0.3071i	0.0107+0.0858i
63.5	1.3405−1.0861i	−1.2661+1.3832i	−1.2759−0.8125i	2.9625+1.9203i	0.1497+0.5464i	0.4764−0.5232i	0.2744+0.3006i	0.0053+0.1054i
63.6	1.3503−1.2042i	−1.2818+1.4628i	−1.3297−0.8281i	3.2649+1.9376i	0.1911+0.5513i	0.4414−0.5412i	0.3060+0.2873i	−0.0098+0.1301i
63.7	1.3354−1.2770i	−1.2875+1.5215i	−1.3967−0.8082i	3.3429+1.9518i	0.2203+0.5437i	0.3906−0.5909i	0.3321+0.2713i	0.0136+0.1266i
63.8	1.2821−1.2779i	−1.2835+1.5136i	−1.4956−0.7928i	3.5291+1.8405i	0.2497+0.5293i	0.3520−0.6131i	0.3771+0.2327i	0.0166+0.1469i
63.9	1.2787−1.3311i	−1.3184+1.5769i	−1.6213−0.7345i	3.7440+1.8622i	0.2685+0.5193i	0.3110−0.6342i	0.4126+0.2027i	0.0049+0.1498i
64.0	1.2628−1.3314i	−1.3442+1.5891i	−1.7537−0.6848i	3.9018+1.8039i	0.3010+0.5272i	0.2593−0.6413i	0.4392+0.1505i	−0.0004+0.1789i
64.1	1.2822−1.3689i	−1.3951+1.6328i	−1.8287−0.6744i	4.0663+1.6523i	0.3294+0.5176i	0.1783−0.6670i	0.4451+0.1209i	0.0092+0.1946i
64.2	1.2673−1.4159i	−1.4055+1.7129i	−1.9262−0.6373i	4.1618+1.5839i	0.3535+0.4978i	0.1065−0.6761i	0.4628+0.0836i	0.0088+0.2207i
64.3	1.1343−1.4047i	−1.3253+1.7634i	−2.0612−0.5724i	4.3652+1.3572i	0.3999+0.4639i	0.0394−0.6269i	0.4619+0.0348i	0.0326+0.2510i
64.4	1.2041−1.4444i	−1.3895+1.7857i	−2.0973−0.5128i	4.4658+1.2264i	0.4252+0.4483i	−0.0119−0.6320i	0.4424+0.0231i	0.0641+0.2269i
64.5	1.2316−1.4971i	−1.4172+1.8968i	−2.1930−0.4314i	4.6774+1.1629i	0.4573+0.4218i	−0.0966−0.5953i	0.4066+0.0099i	0.0957+0.2311i
64.6	1.2273−1.4893i	−1.4595+1.9427i	−2.2919−0.3595i	4.7214+1.0014i	0.4644+0.3983i	−0.1539−0.5055i	0.3746−0.0132i	0.0714+0.2508i
64.7	1.1981−1.5959i	−1.4865+2.0480i	−2.3563−0.3436i	4.9077+0.7565i	0.4727+0.3678i	−0.2216−0.4334i	0.3773−0.0156i	0.0348+0.2565i
64.8	1.1001−1.6122i	−1.4134+2.1507i	−2.4957−0.2097i	5.0681+0.3798i	0.4741+0.3362i	−0.2688−0.3468i	0.3956−0.0016i	0.0193+0.2797i
64.9	1.0950−1.6792i	−1.4180+2.2964i	−2.5775−0.0630i	5.0967+0.3299i	0.5020+0.3213i	−0.2139−0.3043i	0.4232+0.0425i	0.0281+0.2671i
65.0	1.1615−1.6790i	−1.5048+2.3571i	−2.6909+0.1234i	5.1673+0.0856i	0.5300+0.2891i	−0.1768−0.2461i	0.4663+0.0504i	0.0259+0.2934i
65.1	1.0895−1.7331i	−1.4158+2.4655i	−2.8432+0.2936i	5.2340−0.2070i	0.5485+0.2444i	−0.1886−0.2108i	0.5161−0.0226i	0.0046+0.3318i
65.2	0.9899−1.7921i	−1.2872+2.5838i	−2.9112+0.4493i	5.2498−0.5829i	0.5427+0.2302i	−0.1675−0.1871i	0.5081−0.0793i	0.0147+0.3857i
65.3	1.0146−1.8372i	−1.3017+2.7103i	−2.9532+0.6488i	5.1934−0.8572i	0.5084+0.1639i	−0.1170−0.2116i	0.4897−0.0929i	0.0629+0.4183i
65.4	1.0136−1.9323i	−1.2929+2.8574i	−2.9928+0.8598i	5.1261−1.0009i	0.4697+0.1597i	−0.0854−0.1886i	0.4920−0.0763i	0.0786+0.4364i
65.5	1.0495−2.0177i	−1.2894+2.9838i	−2.9092+1.1365i	4.9781−1.1994i	0.4369+0.1564i	−0.1197−0.2101i	0.5299−0.0567i	0.0853+0.4390i
65.6	1.0691−2.0321i	−1.2286+3.0591i	−2.8557+1.3667i	4.7735−1.2411i	0.4284+0.1780i	−0.1552−0.2735i	0.6063−0.0312i	0.0896+0.4510i
65.7	0.9284−2.0648i	−1.0273+3.1619i	−2.8337+1.5797i	4.6130−1.4315i	0.4793+0.1896i	−0.1618−0.2655i	0.6387−0.0779i	0.1475+0.5278i
65.8	0.7816−2.2178i	−0.8704+3.3259i	−2.7355+1.8207i	4.7314−1.6846i	0.5062+0.1935i	−0.2017−0.2361i	0.6892−0.2163i	0.1963+0.6085i
65.9	0.7594−2.2680i	−0.8307+3.3700i	−2.6358+1.9945i	4.6572−1.6768i	0.5090+0.1854i	−0.2674−0.2486i	0.6969−0.2839i	0.2387+0.6239i
66.0	0.6568−2.3637i	−0.6895+3.5284i	−2.5564+2.2565i	4.5596−1.6932i	0.5277+0.1649i	−0.3643−0.2193i	0.6966−0.3363i	0.2737+0.6226i
66.1	0.4622−2.3623i	−0.4610+3.5863i	−2.4367+2.4822i	4.4802−1.8449i	0.5569+0.1784i	−0.4516−0.1410i	0.6800−0.4174i	0.3570+0.6224i
66.2	0.3596−2.3552i	−0.3420+3.6321i	−2.2960+2.6472i	4.4906−2.0103i	0.5938+0.1835i	−0.4913−0.0753i	0.6633−0.4800i	0.4095+0.6336i
66.3	0.2781−2.3506i	−0.1917+3.6822i	−2.0498+2.7727i	4.4348−2.0825i	0.6364+0.1583i	−0.5387+0.0357i	0.6307−0.5442i	0.4678+0.6213i
66.4	0.0842−2.2806i	0.0522+3.7143i	−1.7723+2.8032i	4.2215−2.4739i	0.6961+0.1189i	−0.5306+0.1945i	0.5588−0.6419i	0.5595+0.6261i
66.5	−0.0455−2.3556i	0.2425+3.8069i	−1.5532+2.9451i	4.2761−2.7112i	0.7652+0.0681i	−0.5390+0.3149i	0.4953−0.7329i	0.6438+0.6549i
66.6	−0.1455−2.4409i	0.3992+3.9209i	−1.3038+3.0910i	4.2043−2.9300i	0.7831−0.0084i	−0.5185+0.4338i	0.4424−0.7900i	0.7021+0.6478i
66.7	−0.2359−2.3666i	0.5870+3.8701i	−1.1096+3.1284i	4.0219−3.0159i	0.7882−0.0542i	−0.4464+0.5387i	0.3751−0.8213i	0.7692+0.6211i
66.8	−0.3487−2.3061i	0.7697+3.8254i	−0.9415+3.1230i	3.9084−3.0289i	0.7744−0.1450i	−0.3418+0.6357i	0.2837−0.8496i	0.8191+0.5882i
66.9	−0.4705−2.2566i	0.9703+3.7836i	−0.7735+3.1024i	3.7667−3.1261i	0.7621−0.1976i	−0.2621+0.7195i	0.2208−0.8482i	0.8799+0.5232i
67.0	−0.5510−2.1066i	1.1581+3.6391i	−0.5506+3.0559i	3.4946−3.2105i	0.7286−0.2601i	−0.1578+0.7630i	0.1103−0.8491i	0.9688+0.4561i
67.1	−0.6454−2.0592i	1.3174+3.5946i	−0.4045+3.0404i	3.4022−3.2832i	0.7126−0.3089i	−0.0676+0.7854i	0.0376−0.8471i	1.0189+0.4082i
67.2	−0.7504−2.0928i	1.4441+3.6282i	−0.2239+3.0080i	3.4318−3.4628i	0.7059−0.3535i	0.0463+0.8080i	−0.0215−0.8096i	1.0708+0.3296i
67.3	−0.7878−2.0370i	1.5843+3.5304i	−0.0376+3.0290i	3.3681−3.4585i	0.6823−0.4092i	0.1753+0.8312i	−0.0979−0.7783i	1.1101+0.2253i
67.4	−0.8258−1.9420i	1.6716+3.4134i	0.1109+2.9844i	3.2233−3.5343i	0.6500−0.4435i	0.2701+0.8197i	−0.1416−0.7370i	1.1250+0.1262i
67.5	−0.8512−1.8282i	1.7305+3.2796i	0.2383+2.9466i	3.0421−3.6460i	0.6084−0.4820i	0.3616+0.7769i	−0.2064−0.7060i	1.1471+0.0475i
67.6	−0.9728−1.6741i	1.9405+3.1468i	0.3895+2.8583i	2.8229−3.8024i	0.5540−0.5285i	0.4737+0.7211i	−0.2857−0.6436i	1.1946−0.0702i
67.7	−1.0035−1.5196i	2.0584+2.9504i	0.5222+2.7508i	2.6852−3.8827i	0.5058−0.5616i	0.5612+0.6546i	−0.3462−0.5482i	1.2038−0.1946i
67.8	−0.9762−1.4834i	2.0806+2.8656i	0.6555+2.6710i	2.5304−3.9283i	0.4411−0.5836i	0.6040+0.6066i	−0.3569−0.5294i	1.1454−0.2692i
67.9	−1.0061−1.5055i	2.1546+2.8483i	0.7887+2.6122i	2.3992−4.0458i	0.3852−0.5968i	0.6229+0.5840i	−0.3601−0.5086i	1.0889−0.3131i
68.0	−0.9223−1.4573i	2.1310+2.7438i	0.8747+2.5471i	2.2367−3.9694i	0.3566−0.5796i	0.6259+0.5533i	−0.3448−0.4172i	1.0234−0.4124i
68.1	−0.9589−1.3493i	2.2212+2.5953i	0.9736+2.4285i	2.0399−3.9943i	0.2989−0.5787i	0.6786+0.5047i	−0.3472−0.3634i	0.9514−0.5065i
68.2	−0.9814−1.2408i	2.2963+2.4415i	1.0749+2.3237i	1.8630−3.9212i	0.2531−0.5710i	0.7256+0.4558i	−0.3458−0.2925i	0.8781−0.5684i
68.3	−1.0355−1.2326i	2.3383+2.4041i	1.1767+2.2619i	1.7703−4.0326i	0.2090−0.5981i	0.8136+0.4371i	−0.3693−0.2270i	0.8464−0.6156i
68.4	−1.0724−1.1842i	2.3721+2.3261i	1.2433+2.1786i	1.6752−4.0445i	0.1079−0.6040i	0.8482+0.3476i	−0.3143−0.1028i	0.7593−0.6917i
68.5	−1.1430−1.0648i	2.4723+2.1917i	1.3065+2.0539i	1.5650−4.1225i	0.0155−0.5150i	0.8369+0.2593i	−0.1762−0.0137i	0.6478−0.7373i
68.6	−1.1840−0.9753i	2.5542+2.0873i	1.3838+1.9374i	1.3947−4.2700i	0.0092−0.3870i	0.8264+0.2417i	−0.0547−0.0973i	0.5421−0.7022i

68.7	−1.1602−0.9241i	2.5560+2.0085i	1.4429+1.8667i	1.2888−4.3357i	0.0474−0.3227i	0.8411+0.2496i	−0.0636−0.2113i	0.4867−0.6275i
68.8	−1.1036−0.8569i	2.5454+1.8697i	1.5115+1.7546i	1.0033−4.2193i	0.0951−0.2963i	0.8859+0.2153i	−0.0691−0.2293i	0.4360−0.5970i
68.9	−1.0644−0.8406i	2.5161+1.8066i	1.5419+1.6545i	0.8572−4.1640i	0.1356−0.2920i	0.9165+0.1674i	−0.0598−0.2568i	0.3955−0.5635i
69.0	−1.0565−0.7641i	2.5307+1.7450i	1.5911+1.5837i	0.6575−4.1353i	0.1686−0.2863i	0.9269+0.1124i	−0.0812−0.2518i	0.3859−0.5468i
69.1	−1.0762−0.6704i	2.5702+1.6374i	1.6350+1.4323i	0.3021−4.0464i	0.2309−0.3019i	0.9490+0.0466i	−0.0155−0.2224i	0.3306−0.5595i
69.2	−1.1024−0.6645i	2.6017+1.5732i	1.6640+1.3346i	0.2194−4.0028i	0.2364−0.3243i	0.9982+0.0168i	−0.0250−0.2540i	0.3056−0.5337i
69.3	−1.0959−0.6097i	2.5744+1.4731i	1.6249+1.1856i	0.0355−3.9102i	0.2525−0.3024i	0.9969−0.0693i	−0.0422−0.2156i	0.3352−0.5182i
69.4	−1.0406−0.5555i	2.5521+1.4066i	1.6533+1.0901i	0.0075−3.7563i	0.2674−0.3231i	0.9820−0.1316i	−0.0384−0.2343i	0.3251−0.4839i
69.5	−0.9801−0.5267i	2.5139+1.3345i	1.6851+0.9795i	−0.0829−3.5874i	0.2784−0.3900i	0.9801−0.1624i	0.0000−0.3361i	0.2806−0.4404i
69.6	−0.9346−0.5191i	2.4560+1.2254i	1.6670+0.8390i	−0.1828−3.4267i	0.2199−0.4646i	0.9635−0.1952i	−0.0294−0.4306i	0.2338−0.3977i
69.7	−1.0899−0.5159i	2.5222+1.2480i	1.6067+0.6814i	−0.2729−3.4117i	0.1681−0.3953i	1.0216−0.2857i	−0.0978−0.4081i	0.2471−0.3678i
69.8	−1.1341−0.4402i	2.5630+1.1809i	1.6329+0.6069i	−0.4070−3.4126i	0.1836−0.3254i	1.0530−0.3965i	−0.1206−0.3513i	0.2627−0.3738i
69.9	−1.2483−0.2974i	2.5935+1.0783i	1.4667+0.4883i	−0.5917−3.3942i	0.2805−0.2900i	1.0039−0.5031i	−0.1107−0.3496i	0.2976−0.3454i
70.0	−1.2757−0.2268i	2.6101+1.0315i	1.4414+0.4168i	−0.5611−3.3348i	0.3501−0.3208i	0.9622−0.5834i	−0.1022−0.3936i	0.3202−0.3156i
70.1	−1.3085−0.0653i	2.6470+0.9430i	1.3763+0.2776i	−0.7596−3.1851i	0.4012−0.3783i	0.8625−0.6798i	−0.1372−0.4136i	0.3487−0.3219i
70.2	−1.3106+0.0550i	2.6107+0.9291i	1.2425+0.3262i	−0.7907−3.1277i	0.4419−0.4675i	0.7498−0.7239i	−0.1733−0.4096i	0.3905−0.3455i
70.3	−1.2973+0.1853i	2.5952+0.8694i	1.1793+0.2736i	−0.8038−3.0687i	0.4477−0.5367i	0.6461−0.7551i	−0.2126−0.4169i	0.4143−0.3665i
70.4	−1.2593+0.4679i	2.6588+0.7249i	1.1126+0.1797i	−1.0089−2.9298i	0.4338−0.6371i	0.5323−0.7623i	−0.2795−0.3951i	0.4366−0.4351i
70.5	−1.2877+0.6204i	2.7037+0.7069i	0.9906+0.1926i	−1.0698−2.8996i	0.4233−0.6823i	0.4553−0.7335i	−0.2898−0.3838i	0.4414−0.4567i
70.6	−1.1771+0.6276i	2.6818+0.7809i	0.9898+0.1022i	−1.0822−3.0213i	0.3701−0.7056i	0.4179−0.6834i	−0.2948−0.3422i	0.4225−0.4760i
70.7	−0.9467+0.7533i	2.6581+0.6726i	0.9158+0.0585i	−1.1474−2.8609i	0.3278−0.7521i	0.3735−0.6476i	−0.3079−0.3247i	0.3934−0.4993i
70.8	−0.6539+0.7118i	2.6196+0.6394i	0.9288+0.0451i	−1.1501−2.7721i	0.2689−0.7838i	0.3640−0.5993i	−0.3415−0.2988i	0.3860−0.5109i
70.9	−0.4460+0.7645i	2.6651+0.5550i	0.8615+0.0514i	−1.2730−2.6746i	0.2326−0.8372i	0.3480−0.5495i	−0.3462−0.2446i	0.3790−0.5593i
71.0	−0.3147+0.7336i	2.6955+0.4591i	0.7659+0.0493i	−1.3471−2.5511i	0.1784−0.8630i	0.3330−0.5136i	−0.3291−0.1993i	0.3376−0.5980i
71.1	−0.2053+0.5575i	2.6571+0.4001i	0.7384+0.0420i	−1.3832−2.5319i	0.1137−0.8684i	0.3284−0.5113i	−0.3009−0.1301i	0.3030−0.6352i
71.2	−0.2768+0.5850i	2.7216+0.2800i	0.5581+0.0666i	−1.6767−2.3707i	0.0996−0.9006i	0.3283−0.4864i	−0.2439−0.1044i	0.2626−0.6851i
71.3	−0.1477+0.4721i	2.6769+0.2158i	0.5275+0.0671i	−1.6645−2.1581i	0.0589−0.9303i	0.3620−0.5107i	−0.1481−0.1108i	0.1809−0.6966i
71.4	−0.1099+0.4524i	2.6913+0.1442i	0.4504+0.1353i	−1.7101−2.0117i	0.0085−0.9780i	0.3724−0.5190i	−0.1132−0.1654i	0.1281−0.6936i
71.5	−0.1304+0.3389i	2.6406+0.0906i	0.4348+0.1651i	−1.6788−1.9023i	−0.0682−0.9724i	0.3576−0.5376i	−0.0864−0.2531i	0.0679−0.6376i
71.6	−0.1792+0.4021i	2.6403−0.0009i	0.3470+0.2223i	−1.8038−1.7270i	−0.1206−0.9885i	0.3209−0.5349i	−0.0599−0.3312i	0.0157−0.5998i
71.7	−0.1100+0.4537i	2.6482−0.1580i	0.3293+0.3219i	−1.8886−1.4554i	−0.2022−1.0452i	0.3074−0.5617i	−0.0537−0.4269i	−0.0555−0.5723i
71.8	−0.1444+0.3804i	2.6174−0.1704i	0.2815+0.3321i	−1.8483−1.3243i	−0.2614−1.0309i	0.2775−0.5611i	−0.0699−0.5249i	−0.0789−0.5089i
71.9	−0.1692+0.2582i	2.5404−0.1386i	0.3037+0.3963i	−1.6908−1.3192i	−0.3307−0.9941i	0.2465−0.5324i	−0.1168−0.5890i	−0.0856−0.4431i
72.0	−0.0759+0.1682i	2.4110−0.1913i	0.3664+0.4569i	−1.4849−1.2054i	−0.4132−0.9473i	0.2375−0.5180i	−0.2361−0.6320i	−0.0720−0.3762i
72.1	−0.1340+0.3791i	2.5376−0.3815i	0.3833+0.5564i	−1.6622−1.0079i	−0.4998−0.9461i	0.2491−0.5189i	−0.4005−0.7096i	−0.0555−0.3400i
72.2	−0.2245+0.4396i	2.5864−0.4360i	0.4028+0.5956i	−1.6922−0.9632i	−0.5695−0.9054i	0.2631−0.5026i	−0.5489−0.7543i	−0.0151−0.2900i
72.3	−0.1755+0.3912i	2.5227−0.4405i	0.4119+0.6173i	−1.5380−0.8563i	−0.6161−0.8532i	0.2647−0.5155i	−0.6418−0.7264i	0.0184−0.2602i
72.4	−0.0922+0.4196i	2.4308−0.5229i	0.4756+0.6691i	−1.4895−0.7111i	−0.6668−0.7804i	0.2729−0.5333i	−0.8046−0.6841i	0.0687−0.2294i
72.5	−0.0677+0.4209i	2.3790−0.5826i	0.5362+0.6845i	−1.5011−0.6329i	−0.6840−0.7285i	0.2578−0.5297i	−0.9307−0.5733i	0.1365−0.2459i
72.6	−0.2120+0.5626i	2.4007−0.6565i	0.5080+0.7230i	−1.5436−0.5448i	−0.6778−0.6989i	0.2615−0.4977i	−1.0353−0.5064i	0.1988−0.2513i
72.7	−0.2456+0.6764i	2.4662−0.8023i	0.5751+0.7389i	−1.5939−0.3738i	−0.7214−0.6451i	0.2868−0.5385i	−1.1993−0.3678i	0.2624−0.2808i
72.8	−0.1708+0.6535i	2.3921−0.8468i	0.6359+0.6840i	−1.5005−0.2068i	−0.7450−0.5784i	0.3052−0.5649i	−1.2956−0.1863i	0.3197−0.3206i
72.9	−0.0842+0.6148i	2.2557−0.8506i	0.6853+0.6453i	−1.2983−0.1514i	−0.7239−0.5273i	0.3161−0.5896i	−1.3071−0.0029i	0.3475−0.3861i
73.0	−0.1319+0.6009i	2.2251−0.8527i	0.7565+0.6463i	−1.2168−0.1666i	−0.7054−0.4846i	0.3175−0.5701i	−1.3269+0.0968i	0.3773−0.4117i
73.1	−0.0632+0.7490i	2.1730−1.0008i	0.8003+0.6262i	−1.1315+0.0529i	−0.7107−0.4162i	0.2839−0.6111i	−1.3077+0.3172i	0.3777−0.4784i
73.2	0.0306+0.6847i	2.0776−1.0157i	0.8366+0.6314i	−0.9521+0.1162i	−0.6880−0.3729i	0.2821−0.6565i	−1.2339+0.4767i	0.3543−0.5543i
73.3	0.0222+0.7036i	2.0209−1.0716i	0.8404+0.5600i	−0.8515+0.1632i	−0.6449−0.3291i	0.2659−0.6916i	−1.1300+0.6360i	0.3258−0.6182i
73.4	0.0895+0.7343i	1.9204−1.1349i	0.8343+0.5354i	−0.7031+0.1964i	−0.6131−0.3039i	0.2345−0.7149i	−1.0093+0.7757i	0.2934−0.6845i
73.5	0.1644+0.7176i	1.8034−1.1439i	0.8685+0.4977i	−0.5448+0.2025i	−0.5597−0.3150i	0.1811−0.7413i	−0.8273+0.8316i	0.2175−0.7141i
73.6	0.0673+0.7706i	1.8411−1.1386i	0.8408+0.5154i	−0.4932+0.1963i	−0.5323−0.3575i	0.1818−0.7580i	−0.7375+0.8100i	0.1729−0.7114i
73.7	0.1518+0.9272i	1.7354−1.2771i	0.7623+0.5002i	−0.2456+0.3492i	−0.5347−0.4437i	0.1468−0.7956i	−0.6095+0.8543i	0.1246−0.7558i
73.8	0.2970+1.0055i	1.6044−1.3581i	0.7918+0.4939i	−0.0981+0.3938i	−0.5738−0.4927i	0.0943−0.8265i	−0.5383+0.8929i	0.0948−0.7749i
73.9	0.3391+0.9665i	1.4984−1.3212i	0.8098+0.4870i	0.0200+0.3115i	−0.6421−0.4849i	0.0252−0.8283i	−0.4706+0.8836i	0.0556−0.7649i
74.0	0.3645+0.9497i	1.4621−1.2811i	0.8776+0.5332i	0.1276+0.1477i	−0.7165−0.4885i	−0.0145−0.8424i	−0.4407+0.8976i	0.0243−0.7916i
74.1	0.5555+0.8508i	1.2580−1.2531i	0.9295+0.5000i	0.2823+0.0046i	−0.7595−0.4370i	−0.0834−0.8211i	−0.3057+0.9063i	−0.0584−0.7935i
74.2	0.6112+1.0794i	1.2059−1.3858i	0.9279+0.4346i	0.3104+0.1268i	−0.7883−0.3961i	−0.1203−0.8173i	−0.2146+0.9781i	−0.1119−0.8254i
74.3	0.7171+0.9245i	1.0651−1.2331i	0.9463+0.4997i	0.4655−0.0523i	−0.8037−0.3363i	−0.1467−0.7555i	−0.1060+0.8715i	−0.1831−0.7595i
74.4	0.7521+0.9417i	1.0383−1.2295i	1.0243+0.4695i	0.4985−0.1625i	−0.8313−0.2995i	−0.1840−0.7344i	−0.0489+0.8808i	−0.2249−0.7621i
74.5	0.8159+0.9506i	0.9872−1.2218i	1.0359+0.4798i	0.5378−0.2674i	−0.8375−0.2641i	−0.2089−0.7234i	0.0284+0.8358i	−0.2655−0.7401i
74.6	0.9645+0.9462i	0.8670−1.1907i	1.0310+0.5357i	0.6114−0.3859i	−0.8337−0.2269i	−0.2340−0.7041i	0.1462+0.7834i	−0.3425−0.7165i
74.7	0.8930+1.0197i	0.8951−1.1486i	1.0436+0.4741i	0.5320−0.4463i	−0.8329−0.2000i	−0.2439−0.6884i	0.1769+0.7402i	−0.3596−0.6740i
74.8	0.9827+1.0032i	0.8612−1.1152i	1.0846+0.4939i	0.5875−0.5296i	−0.8580−0.1944i	−0.2649−0.6841i	0.2118+0.6615i	−0.3978−0.6263i
74.9	1.0018+0.9606i	0.8336−1.0505i	1.1085+0.4959i	0.6046−0.6298i	−0.8693−0.1684i	−0.2715−0.6533i	0.2101+0.6493i	−0.3869−0.6148i

75.0	1.0669+1.0011i	0.8187-1.0504i	1.1760+0.4852i	0.6334-0.7240i	-0.9007-0.1173i	-0.2707-0.6356i	0.2164+0.6154i	-0.3987-0.5888i
75.1	1.3029+0.9194i	0.7158-0.9833i	1.2600+0.4466i	0.6403-0.8588i	-0.9225-0.0489i	-0.3506-0.6259i	0.3027+0.4918i	-0.4671-0.4999i
75.2	1.2455+0.6924i	0.7145-0.7982i	1.3317+0.4267i	0.6423-0.9441i	-0.9107-0.0232i	-0.3344-0.5976i	0.2452+0.4157i	-0.4384-0.4389i
75.3	1.2550+0.6003i	0.7091-0.7477i	1.3916+0.3659i	0.5630-1.0304i	-0.9222+0.0298i	-0.3496-0.5616i	0.2310+0.3712i	-0.4452-0.4013i
75.4	1.5579+0.7212i	0.6252-0.7831i	1.3967+0.3906i	0.5307-1.0706i	-0.9441+0.0850i	-0.4012-0.5606i	0.2891+0.3268i	-0.4783-0.3776i
75.5	1.6574+0.6842i	0.6200-0.7305i	1.4748+0.3958i	0.5452-1.1759i	-0.9362+0.1233i	-0.4141-0.5513i	0.2514+0.2956i	-0.4665-0.3477i
75.6	1.6651+0.6703i	0.6831-0.6228i	1.5670+0.4085i	0.5465-1.2415i	-0.9346+0.1311i	-0.3964-0.5394i	0.1999+0.3055i	-0.4413-0.3478i
75.7	1.7252+0.6843i	0.6864-0.5897i	1.5264+0.3707i	0.4544-1.2645i	-0.9276+0.1806i	-0.4097-0.5000i	0.2142+0.2769i	-0.4496-0.3177i
75.8	1.9328+0.4226i	0.5917-0.5721i	1.5672+0.2294i	0.3720-1.3781i	-0.8931+0.2871i	-0.4497-0.4212i	0.1894+0.2087i	-0.4261-0.2390i
75.9	1.9089+0.2769i	0.6656-0.5024i	1.7037+0.1572i	0.2784-1.4488i	-0.8778+0.3236i	-0.4508-0.4091i	0.1234+0.2227i	-0.3946-0.2262i
76.0	1.8417+0.3541i	0.7372-0.4814i	1.6613+0.0836i	0.2380-1.4625i	-0.8456+0.3493i	-0.4357-0.4109i	0.1211+0.2654i	-0.3795-0.2391i
76.1	1.9755+0.2435i	0.7435-0.4813i	1.7155-0.0441i	0.1498-1.4629i	-0.8030+0.4421i	-0.4472-0.3741i	0.0953+0.2791i	-0.3555-0.2055i
76.2	2.1865+0.1941i	0.7626-0.5177i	1.8141-0.0867i	0.0617-1.5579i	-0.7931+0.5267i	-0.4794-0.3544i	0.0999+0.2748i	-0.3636-0.1888i
76.3	2.0610+0.1545i	0.8385-0.4556i	1.7547-0.1961i	0.0002-1.6279i	-0.7381+0.5640i	-0.4563-0.3482i	0.1166+0.3352i	-0.3464-0.2256i
76.4	2.0735-0.0316i	0.8446-0.3922i	1.7189-0.1971i	-0.0834-1.6184i	-0.6537+0.5932i	-0.4857-0.3402i	0.1100+0.3366i	-0.3175-0.2170i
76.5	2.1720-0.2272i	0.8720-0.4036i	1.8192-0.2855i	-0.1948-1.5740i	-0.5782+0.6319i	-0.5243-0.3025i	0.1055+0.3279i	-0.3046-0.1935i
76.6	2.2171-0.3450i	0.9434-0.4146i	1.8423-0.4732i	-0.3404-1.6349i	-0.5134+0.6663i	-0.5246-0.2743i	0.1623+0.3481i	-0.3240-0.1902i
76.7	2.1493-0.3389i	0.9956-0.4011i	1.8218-0.5154i	-0.2983-1.6855i	-0.4647+0.6481i	-0.5151-0.2656i	0.1712+0.3837i	-0.3044-0.2117i
76.8	2.0027-0.3572i	1.0716-0.4130i	1.7594-0.6169i	-0.3150-1.6299i	-0.3820+0.6306i	-0.5159-0.2249i	0.2022+0.4195i	-0.2934-0.2376i
76.9	1.9890-0.4681i	1.1241-0.4519i	1.7374-0.6601i	-0.4677-1.5866i	-0.2984+0.6213i	-0.5276-0.1725i	0.2202+0.3760i	-0.2800-0.2171i
77.0	2.1478-0.6103i	1.0951-0.5153i	1.6800-0.7260i	-0.6095-1.5989i	-0.2152+0.5995i	-0.5328-0.1267i	0.2650+0.3341i	-0.2857-0.1994i
77.1	2.0802-0.7229i	1.1692-0.5866i	1.7171-0.8300i	-0.6981-1.6149i	-0.1447+0.5596i	-0.5552-0.0820i	0.3173+0.3281i	-0.3006-0.2029i
77.2	1.9736-0.6935i	1.1666-0.6533i	1.6696-0.8727i	-0.6874-1.5357i	-0.1059+0.5058i	-0.5168-0.0634i	0.3318+0.3039i	-0.2947-0.2043i
77.3	1.9496-0.8395i	1.1116-0.5716i	1.7054-0.9484i	-0.7554-1.5280i	-0.0749+0.4271i	-0.4622-0.0497i	0.2711+0.3236i	-0.2447-0.2221i
77.4	1.8856-0.9325i	1.2318-0.5993i	1.7846-1.0703i	-0.8389-1.5606i	-0.0549+0.3834i	-0.4734-0.0520i	0.3163+0.3493i	-0.2661-0.2547i
77.5	2.0264-1.1076i	1.2743-0.7110i	1.7979-1.1553i	-1.0134-1.4764i	-0.0420+0.3517i	-0.4677+0.0088i	0.3650+0.3036i	-0.3015-0.2515i
77.6	1.9996-1.2890i	1.1611-0.8196i	1.6791-1.3467i	-1.1620-1.2342i	-0.0329+0.2732i	-0.4119+0.0569i	0.3888+0.2376i	-0.3212-0.2220i
77.7	1.8839-1.3617i	1.1885-0.8637i	1.7572-1.5056i	-1.1680-1.2437i	-0.0645+0.2036i	-0.4100+0.0946i	0.3902+0.2401i	-0.3376-0.2446i
77.8	1.8521-1.4216i	1.1620-0.9150i	1.6603-1.5511i	-1.1220-1.1743i	-0.0903+0.1718i	-0.3821+0.1071i	0.3964+0.2091i	-0.3568-0.2327i
77.9	1.8962-1.6108i	1.0918-0.9586i	1.6129-1.6786i	-1.1495-1.0579i	-0.1208+0.1495i	-0.3454+0.1234i	0.4024+0.1702i	-0.3745-0.2110i
78.0	1.8381-1.7122i	1.1594-1.0307i	1.5452-1.8814i	-1.2539-1.0333i	-0.1845+0.1451i	-0.3316+0.1587i	0.4210+0.1603i	-0.3963-0.2108i
78.1	1.6111-1.4906i	1.2073-1.0593i	1.3117-1.9467i	-1.3142-1.0542i	-0.2235+0.1714i	-0.2895+0.1547i	0.4383+0.1314i	-0.4114-0.1930i
78.2	1.5280-1.5509i	1.1835-1.0800i	1.1850-2.0091i	-1.2877-1.0117i	-0.2457+0.1890i	-0.2843+0.1688i	0.4454+0.1023i	-0.4229-0.1686i
78.3	1.3138-1.6962i	1.0665-1.0040i	1.0575-2.0045i	-1.1447-0.9170i	-0.2436+0.1833i	-0.2277+0.1635i	0.3994+0.0852i	-0.3990-0.1456i
78.4	1.2619-1.8038i	1.0515-1.0576i	0.9654-2.1210i	-1.2317-0.9142i	-0.2599+0.2071i	-0.1813+0.2062i	0.4068+0.0589i	-0.4101-0.1294i
78.5	1.1545-1.6902i	1.0320-1.0239i	0.8392-2.0482i	-1.2048-0.8515i	-0.2595+0.2257i	-0.1474+0.2022i	0.3912+0.0507i	-0.3989-0.1049i
78.6	1.0557-1.7347i	0.9690-1.0243i	0.6630-2.0642i	-1.1282-0.8435i	-0.2531+0.2314i	-0.1129+0.1902i	0.3821+0.0171i	-0.3898-0.0780i
78.7	0.9677-1.6702i	1.0351-0.9178i	0.6281-1.9913i	-1.0021-0.8967i	-0.2546+0.2164i	-0.0731+0.1385i	0.3703+0.0337i	-0.3772-0.0927i
78.8	0.9806-1.7104i	1.1314-0.9828i	0.6081-2.0717i	-1.1469-0.9796i	-0.2774+0.2392i	-0.0680+0.1294i	0.3908+0.0215i	-0.3944-0.0919i
78.9	0.8908-1.8371i	1.0831-1.0895i	0.4251-2.1960i	-1.2583-0.9728i	-0.2697+0.2733i	-0.0286+0.1231i	0.3948-0.0198i	-0.4079-0.0593i
79.0	0.9694-1.8864i	1.1126-1.1817i	0.3985-2.1202i	-1.4206-0.9146i	-0.2430+0.2855i	0.0058+0.1119i	0.3920-0.0533i	-0.4184-0.0481i
79.1	0.7898-1.8413i	1.1535-1.3777i	0.1697-2.1618i	-1.7750-0.9112i	-0.2143+0.3057i	0.0164+0.0972i	0.3775-0.0739i	-0.4064-0.0245i
79.2	0.5640-1.9504i	1.1000-1.5562i	-0.0879-2.2301i	-1.9431-0.7099i	-0.2019+0.3302i	0.0272+0.1045i	0.3582-0.1147i	-0.4070+0.0090i
79.3	0.4228-2.0795i	0.6425-1.7626i	-0.3942-2.1241i	-1.8915-0.0439i	-0.1276+0.3071i	0.0606+0.0505i	0.2702-0.1718i	-0.3562+0.0741i
79.4	0.1974-2.0631i	0.3841-1.6656i	-0.4829-2.0014i	-1.5997+0.1276i	-0.1173+0.2789i	0.0703+0.0203i	0.2237-0.1572i	-0.3168+0.0828i
79.5	0.0501-1.8330i	0.2903-1.4987i	-0.5697-1.8014i	-1.3997+0.1148i	-0.1066+0.2462i	0.0661-0.0148i	0.1997-0.1281i	-0.2867+0.0794i
79.6	-0.1274-1.7647i	0.1680-1.2539i	-0.6121-1.6273i	-1.1130+0.1611i	-0.1052+0.2125i	0.0578-0.0438i	0.1654-0.0899i	-0.2572+0.0604i
79.7	-0.1107-1.6160i	0.2263-1.1563i	-0.6142-1.5168i	-1.0506+0.1347i	-0.1162+0.2024i	0.0586-0.0592i	0.1625-0.0786i	-0.2431+0.0468i
79.8	-0.1377-1.6077i	0.0683-1.0932i	-0.6272-1.4537i	-0.8783+0.2073i	-0.1130+0.1969i	0.0560-0.0744i	0.1646-0.0760i	-0.2405+0.0533i
79.9	-0.2325-1.5168i	-0.0087-1.0394i	-0.6568-1.3694i	-0.8693+0.2478i	-0.1124+0.1973i	0.0589-0.0733i	0.1631-0.0664i	-0.2365+0.0508i
80.0	-0.2875-1.4228i	0.1395-0.9515i	-0.6727-1.3841i	-0.9103+0.0829i	-0.1269+0.2137i	0.0481-0.0917i	0.1724-0.0705i	-0.2382+0.0509i

2.1.65 Run 6 – VT000 – Accels 33–40

Vertical shaking at 0°. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	5.0326+0.0000i	2.2191+0.0000i	-3.2306+0.0000i	-2.6814+0.0000i	11.8462+0.0000i	3.6500+0.0000i	6.8876+0.0000i	2.4422+0.0000i
0.1	0.8644-0.0091i	0.3708+0.0425i	-0.5097-0.6099i	-0.3220-0.1839i	2.1780+1.1305i	0.8571+0.2376i	1.7275+0.2405i	1.2217+0.2759i
0.2	-0.0088-0.1282i	-0.0368-0.0848i	0.0163-0.0954i	-0.1483+0.0411i	0.0215+0.1689i	0.1977+0.0620i	0.0456-0.3100i	-0.0053-0.0586i
0.3	-0.0022-0.0507i	-0.0006-0.0261i	-0.0077-0.0177i	-0.0128+0.0326i	0.0208+0.0435i	0.0524+0.0090i	0.0220+0.0213i	-0.0576+0.0481i
0.4	0.0213-0.0277i	0.0072-0.0309i	0.0012-0.0210i	0.0104+0.0243i	0.0010-0.0061i	0.0260+0.0078i	-0.0017-0.0010i	0.0121+0.0284i
0.5	0.0026-0.0008i	0.0004-0.0045i	-0.0004-0.0183i	0.0109+0.0091i	0.0047-0.0046i	0.0124-0.0084i	-0.0112-0.0275i	0.0157+0.0132i
0.6	0.0145+0.0060i	0.0087+0.0015i	-0.0018-0.0062i	-0.0012+0.0013i	0.0121+0.0046i	-0.0001-0.0172i	-0.0067-0.0196i	0.0005-0.0125i
0.7	0.0096+0.0022i	0.0028-0.0015i	-0.0004-0.0060i	-0.0164+0.0017i	-0.0051+0.0064i	-0.0066-0.0003i	0.0027-0.0098i	-0.0035+0.0021i
0.8	0.0010+0.0010i	0.0019+0.0069i	-0.0008-0.0031i	-0.0090+0.0031i	-0.0015+0.0009i	-0.0015+0.0030i	0.0031-0.0021i	0.0000+0.0023i
0.9	0.0020+0.0024i	0.0088+0.0070i	-0.0031-0.0024i	-0.0018+0.0042i	0.0072+0.0062i	-0.0039+0.0014i	0.0002-0.0028i	0.0021+0.0009i
1.0	0.0029+0.0027i	0.0078+0.0031i	-0.0024-0.0009i	-0.0019+0.0013i	0.0065+0.0030i	-0.0039-0.0010i	-0.0028-0.0045i	0.0008+0.0027i
1.1	0.0044+0.0031i	0.0084-0.0006i	-0.0043+0.0001i	0.0002+0.0007i	-0.0009-0.0050i	-0.0046+0.0006i	-0.0000-0.0023i	0.0018+0.0023i
1.2	0.0045-0.0006i	0.0085-0.0008i	-0.0057-0.0003i	-0.0023+0.0021i	0.0083+0.0025i	-0.0070-0.0013i	-0.0020+0.0003i	0.0027-0.0000i
1.3	0.0056-0.0013i	0.0105+0.0009i	-0.0076-0.0023i	-0.0025-0.0002i	0.0159+0.0081i	-0.0071-0.0025i	-0.0022-0.0005i	0.0001-0.0016i
1.4	0.0063+0.0002i	0.0188+0.0002i	-0.0098-0.0018i	0.0006-0.0009i	0.0284+0.0095i	-0.0074-0.0005i	-0.0035+0.0001i	-0.0013-0.0015i
1.5	0.0144-0.0042i	0.0413-0.0167i	-0.0118-0.0019i	-0.0042+0.0042i	0.0654-0.0240i	-0.0090-0.0012i	-0.0076+0.0031i	0.0002+0.0005i
1.6	0.0090-0.0062i	0.0112-0.0261i	-0.0128-0.0019i	0.0103+0.0058i	0.0028-0.0485i	-0.0114-0.0011i	-0.0029+0.0059i	0.0010+0.0018i
1.7	0.0065-0.0019i	-0.0062-0.0050i	-0.0153-0.0024i	0.0211-0.0022i	-0.0292-0.0187i	-0.0137-0.0004i	0.0014+0.0015i	0.0003+0.0004i
1.8	0.0135-0.0043i	0.0060-0.0021i	-0.0172-0.0020i	0.0241-0.0072i	-0.0143-0.0103i	-0.0159-0.0005i	0.0027-0.0020i	0.0004+0.0013i
1.9	0.0189-0.0173i	0.0148-0.0033i	-0.0199-0.0008i	0.0274-0.0186i	0.0010-0.0119i	-0.0185+0.0006i	0.0018-0.0035i	0.0018+0.0013i
2.0	0.0106-0.0327i	0.0361-0.0131i	-0.0198+0.0005i	0.0237-0.0328i	0.0137-0.0056i	-0.0178+0.0039i	-0.0029-0.0052i	0.0026-0.0014i
2.1	-0.0047-0.0387i	0.0526-0.0701i	-0.0191+0.0005i	0.0124-0.0550i	0.0173-0.0407i	-0.0190+0.0060i	-0.0039-0.0063i	0.0023-0.0036i
2.2	-0.0030-0.0430i	-0.0528-0.0875i	-0.0221+0.0003i	-0.0130-0.0649i	-0.0347-0.0570i	-0.0173+0.0052i	-0.0041-0.0075i	-0.0037-0.0048i
2.3	-0.0218-0.0658i	-0.0730-0.0244i	-0.0224+0.0006i	-0.0362-0.0699i	-0.0465-0.0253i	-0.0164+0.0038i	-0.0080-0.0109i	-0.0055-0.0021i
2.4	-0.1118-0.0207i	-0.0338-0.0065i	-0.0209-0.0019i	-0.1159-0.0181i	-0.0338-0.0101i	-0.0143-0.0001i	-0.0202-0.0024i	-0.0026-0.0016i
2.5	-0.0488+0.0543i	-0.0274-0.0052i	-0.0272-0.0046i	-0.0525+0.0557i	-0.0195-0.0014i	-0.0222-0.0030i	-0.0101+0.0102i	-0.0011-0.0015i
2.6	-0.0014+0.0267i	-0.0238-0.0029i	-0.0311-0.0040i	-0.0033+0.0279i	-0.0139-0.0042i	-0.0286-0.0023i	-0.0047+0.0048i	-0.0021-0.0011i
2.7	-0.0048+0.0100i	-0.0199-0.0025i	-0.0348-0.0047i	-0.0064+0.0112i	-0.0110-0.0019i	-0.0295-0.0029i	-0.0054+0.0006i	-0.0019-0.0000i
2.8	-0.0077+0.0038i	-0.0175-0.0025i	-0.0395-0.0032i	-0.0102+0.0056i	-0.0143+0.0050i	-0.0316-0.0033i	-0.0078-0.0016i	-0.0020-0.0002i
2.9	-0.0097+0.0007i	-0.0172-0.0033i	-0.0417-0.0020i	-0.0124+0.0034i	-0.0179-0.0006i	-0.0349-0.0016i	-0.0090-0.0016i	-0.0023+0.0014i
3.0	-0.0094-0.0009i	-0.0140-0.0016i	-0.0432-0.0039i	-0.0101-0.0005i	-0.0191-0.0109i	-0.0397-0.0032i	-0.0072-0.0017i	-0.0035+0.0020i
3.1	-0.0115-0.0033i	-0.0125-0.0014i	-0.0472-0.0047i	-0.0107-0.0010i	-0.0133-0.0056i	-0.0420-0.0056i	-0.0081-0.0056i	-0.0014+0.0038i
3.2	-0.0177-0.0001i	-0.0133-0.0034i	-0.0547-0.0051i	-0.0182+0.0023i	-0.0077-0.0101i	-0.0471-0.0027i	-0.0134-0.0038i	-0.0000+0.0032i
3.3	-0.0162+0.0075i	-0.0159-0.0034i	-0.0576-0.0040i	-0.0170+0.0054i	-0.0045-0.0020i	-0.0477-0.0021i	-0.0119-0.0005i	0.0024+0.0029i
3.4	-0.0140+0.0066i	-0.0147-0.0016i	-0.0612-0.0040i	-0.0166+0.0067i	-0.0131-0.0002i	-0.0521-0.0030i	-0.0106+0.0021i	-0.0002+0.0032i
3.5	-0.0070+0.0107i	-0.0139-0.0026i	-0.0693+0.0000i	-0.0060+0.0105i	-0.0038+0.0009i	-0.0589-0.0014i	-0.0095+0.0041i	-0.0035+0.0066i
3.6	0.0046+0.0058i	-0.0127-0.0045i	-0.0737-0.0018i	0.0093+0.0061i	-0.0148-0.0031i	-0.0640-0.0024i	-0.0161-0.0002i	-0.0015+0.0055i
3.7	-0.0144+0.0032i	-0.0136+0.0022i	-0.0749+0.0021i	-0.0207-0.0025i	-0.0169-0.0013i	-0.0632+0.0003i	-0.0215-0.0017i	0.0065-0.0052i
3.8	-0.0112-0.0017i	-0.0129+0.0012i	-0.0783+0.0008i	-0.0140-0.0014i	-0.0142+0.0040i	-0.0667+0.0016i	-0.0187-0.0003i	0.0023-0.0039i
3.9	-0.0108-0.0017i	-0.0121-0.0010i	-0.0823-0.0013i	-0.0130-0.0019i	-0.0126+0.0004i	-0.0701+0.0000i	-0.0186-0.0000i	0.0017-0.0010i
4.0	-0.0105-0.0015i	-0.0130-0.0013i	-0.0868-0.0014i	-0.0128-0.0018i	-0.0134+0.0005i	-0.0740-0.0002i	-0.0192+0.0003i	0.0044-0.0000i
4.1	-0.0107-0.0014i	-0.0134-0.0001i	-0.0918-0.0014i	-0.0127-0.0028i	-0.0160-0.0001i	-0.0785-0.0003i	-0.0198+0.0005i	0.0068-0.0019i
4.2	-0.0115-0.0014i	-0.0130+0.0013i	-0.0993-0.0030i	-0.0138-0.0029i	-0.0152+0.0016i	-0.0842-0.0012i	-0.0216+0.0012i	0.0073-0.0067i
4.3	-0.0113-0.0019i	-0.0139+0.0012i	-0.1051-0.0032i	-0.0146-0.0029i	-0.0145+0.0047i	-0.0887-0.0009i	-0.0229+0.0031i	0.0089-0.0104i
4.4	-0.0124-0.0024i	-0.0145+0.0026i	-0.1138-0.0041i	-0.0164-0.0010i	-0.0145+0.0024i	-0.0969+0.0002i	-0.0223+0.0049i	0.0103-0.0185i
4.5	-0.0124-0.0010i	-0.0129+0.0047i	-0.1208-0.0039i	-0.0166+0.0018i	-0.0130+0.0063i	-0.1013+0.0004i	-0.0196+0.0044i	0.0097-0.0276i
4.6	-0.0134-0.0019i	-0.0116+0.0080i	-0.1275-0.0035i	-0.0135+0.0021i	-0.0134+0.0029i	-0.1054-0.0011i	-0.0180-0.0019i	0.0001-0.0439i
4.7	-0.0124-0.0015i	-0.0068+0.0146i	-0.1368-0.0003i	-0.0136+0.0011i	-0.0052+0.0055i	-0.1150-0.0038i	-0.0185-0.0108i	-0.0302-0.0779i
4.8	-0.0088+0.0006i	0.0051+0.0148i	-0.1443+0.0002i	-0.0115+0.0003i	0.0081+0.0052i	-0.1212-0.0035i	-0.0321-0.0079i	-0.0990-0.0696i
4.9	-0.0076+0.0034i	0.0137-0.0032i	-0.1524-0.0027i	-0.0114+0.0042i	0.0088-0.0061i	-0.1273-0.0040i	-0.0413-0.0038i	-0.1469+0.0364i
5.0	-0.0050-0.0024i	-0.0007-0.0154i	-0.1673-0.0121i	-0.0091+0.0030i	-0.0060-0.0149i	-0.1390-0.0112i	-0.0584+0.0066i	-0.0623+0.1030i
5.1	-0.0071-0.0053i	-0.0083-0.0093i	-0.1850-0.0129i	-0.0076+0.0058i	-0.0171-0.0051i	-0.1547-0.0103i	-0.0628+0.0154i	-0.0110+0.0799i
5.2	-0.0031-0.0060i	-0.0078-0.0078i	-0.1985-0.0095i	0.0025+0.0074i	-0.0135-0.0065i	-0.1693-0.0088i	-0.0749+0.0267i	-0.0032+0.0783i
5.3	-0.0039-0.0138i	-0.0085-0.0052i	-0.2124+0.0010i	0.0190-0.0101i	-0.0031-0.0053i	-0.1792-0.0010i	-0.0684+0.0646i	0.0018+0.0714i
5.4	-0.0111-0.0175i	-0.0083-0.0072i	-0.2186+0.0086i	0.0151-0.0359i	-0.0095-0.0022i	-0.1840+0.0099i	-0.0407+0.0951i	-0.0144+0.0944i
5.5	-0.0236-0.0253i	-0.0090-0.0137i	-0.2276+0.0132i	-0.0083-0.0572i	-0.0152-0.0130i	-0.1822+0.0113i	0.0440+0.1042i	0.0405+0.1810i
5.6	-0.0418-0.0014i	-0.0377-0.0004i	-0.2450+0.0001i	-0.0533-0.0183i	-0.0520+0.0263i	-0.1898-0.0069i	0.0788-0.0329i	0.3716-0.0911i

5.7	-0.0334+0.0090i	-0.0204+0.0221i	-0.2699-0.0001i	-0.0461+0.0004i	-0.0169+0.0221i	-0.2108-0.0129i	0.0244-0.0786i	0.1363-0.3167i
5.8	-0.0237+0.0108i	-0.0031+0.0179i	-0.2877+0.0047i	-0.0335+0.0096i	-0.0038+0.0144i	-0.2285-0.0074i	-0.0111-0.0804i	-0.0469-0.2614i
5.9	-0.0142+0.0108i	0.0099+0.0159i	-0.3046+0.0061i	-0.0198+0.0142i	0.0060+0.0166i	-0.2439-0.0047i	-0.0601-0.0712i	-0.2394-0.2011i
6.0	-0.0131+0.0045i	0.0187-0.0010i	-0.3287+0.0031i	-0.0139+0.0099i	0.0117+0.0039i	-0.2607-0.0034i	-0.0597-0.0408i	-0.3092+0.0301i
6.1	-0.0142+0.0066i	0.0126-0.0145i	-0.3554+0.0045i	-0.0101+0.0093i	0.0029-0.0071i	-0.2744-0.0034i	-0.0441-0.0506i	-0.1953+0.1878i
6.2	-0.0066+0.0133i	-0.0001-0.0193i	-0.3918+0.0127i	-0.0002+0.0115i	-0.0086-0.0140i	-0.2970-0.0021i	-0.0643-0.0858i	-0.0180+0.2049i
6.3	0.0007+0.0163i	-0.0062-0.0163i	-0.4234+0.0157i	0.0073+0.0119i	-0.0127-0.0114i	-0.3156-0.0024i	-0.0971-0.0977i	0.0588+0.1450i
6.4	0.0099+0.0167i	-0.0079-0.0127i	-0.4607+0.0237i	0.0170+0.0124i	-0.0156-0.0073i	-0.3359-0.0000i	-0.1346-0.1000i	0.0652+0.0870i
6.5	0.0218+0.0148i	-0.0087-0.0106i	-0.5017+0.0374i	0.0303+0.0103i	-0.0145-0.0074i	-0.3574+0.0060i	-0.1781-0.0868i	0.0438+0.0690i
6.6	0.0366+0.0129i	-0.0089-0.0080i	-0.5567+0.0537i	0.0487+0.0062i	-0.0143-0.0057i	-0.3783+0.0105i	-0.2121-0.0723i	0.0307+0.0468i
6.7	0.0538+0.0123i	-0.0075-0.0057i	-0.6127+0.0682i	0.0687+0.0036i	-0.0131-0.0019i	-0.3988+0.0100i	-0.2526-0.0641i	-0.0079+0.0480i
6.8	0.0837+0.0054i	-0.0032-0.0062i	-0.7073+0.0996i	0.1055-0.0053i	-0.0119-0.0028i	-0.4257+0.0114i	-0.3082-0.0381i	-0.0220+0.1153i
6.9	0.1280-0.0104i	0.0018-0.0108i	-0.8459+0.1722i	0.1649-0.0287i	-0.0153-0.0016i	-0.4542+0.0135i	-0.3704-0.0019i	0.0091+0.1971i
7.0	0.2028-0.0698i	0.0001-0.0193i	-1.0129+0.3859i	0.2538-0.1124i	-0.0172-0.0013i	-0.4892+0.0075i	-0.4979+0.0708i	0.1143+0.2691i
7.1	0.2304-0.2213i	-0.0104-0.0253i	-0.9750+0.7694i	0.2709-0.3049i	-0.0160-0.0012i	-0.5353+0.0169i	-0.5821+0.3104i	0.2464+0.2290i
7.2	0.1003-0.3928i	-0.0188-0.0143i	-0.5562+1.0552i	0.0904-0.5040i	-0.0121+0.0031i	-0.5633+0.0408i	-0.3675+0.6539i	0.3210+0.2320i
7.3	-0.1218-0.4295i	-0.0084-0.0122i	-0.0798+0.9298i	-0.1845-0.5336i	0.0027-0.0006i	-0.6016+0.0025i	0.0641+0.6490i	0.7693+0.0523i
7.4	-0.2246-0.3291i	-0.0133-0.0203i	0.0154+0.6317i	-0.3110-0.4049i	-0.0023-0.0058i	-0.6921+0.0118i	0.1487+0.4205i	0.6277-0.5085i
7.5	-0.2576-0.2252i	-0.0217-0.0153i	-0.0402+0.3815i	-0.3516-0.2659i	-0.0069-0.0092i	-0.7545+0.0642i	0.1146+0.2978i	0.1337-0.6423i
7.6	-0.2427-0.1624i	-0.0214-0.0089i	-0.1825+0.2563i	-0.3264-0.1819i	-0.0105-0.0089i	-0.7955+0.0979i	0.0719+0.2457i	-0.0982-0.4572i
7.7	-0.2292-0.1342i	-0.0189-0.0081i	-0.3031+0.2121i	-0.3031-0.1472i	-0.0122-0.0066i	-0.8414+0.1071i	0.0388+0.2278i	-0.1330-0.3134i
7.8	-0.2253-0.1232i	-0.0167-0.0098i	-0.4144+0.1859i	-0.2967-0.1317i	-0.0119-0.0072i	-0.9207+0.1060i	0.0133+0.2349i	-0.1669-0.2163i
7.9	-0.2306-0.1225i	-0.0182-0.0105i	-0.5170+0.1970i	-0.3024-0.1291i	-0.0156-0.0093i	-1.0263+0.1319i	0.0097+0.2579i	-0.1489-0.1525i
8.0	-0.2485-0.1180i	-0.0224-0.0086i	-0.5991+0.2089i	-0.3224-0.1233i	-0.0196-0.0091i	-1.1242+0.1769i	0.0183+0.2733i	-0.1369-0.1435i
8.1	-0.2589-0.1057i	-0.0208-0.0076i	-0.7024+0.2389i	-0.3322-0.1076i	-0.0246-0.0072i	-1.2254+0.2429i	0.0290+0.2978i	-0.1802-0.1024i
8.2	-0.2739-0.0958i	-0.0202-0.0073i	-0.8010+0.2867i	-0.3491-0.0937i	-0.0257-0.0105i	-1.3356+0.3195i	0.0549+0.3172i	-0.1612-0.0400i
8.3	-0.3024-0.0827i	-0.0229-0.0053i	-0.9308+0.3379i	-0.3818-0.0754i	-0.0279-0.0143i	-1.4872+0.4122i	0.0971+0.3395i	-0.1288+0.0078i
8.4	-0.3196-0.0682i	-0.0237-0.0029i	-1.0321+0.3962i	-0.4023-0.0551i	-0.0306-0.0097i	-1.6047+0.5025i	0.1385+0.3440i	-0.1131+0.0132i
8.5	-0.3462-0.0506i	-0.0239+0.0000i	-1.1787+0.4874i	-0.4339-0.0310i	-0.0341-0.0065i	-1.7803+0.6393i	0.1933+0.3344i	-0.1096+0.0352i
8.6	-0.3716-0.0344i	-0.0241+0.0019i	-1.3301+0.5935i	-0.4633-0.0081i	-0.0368-0.0049i	-1.9664+0.7935i	0.2297+0.3173i	-0.1136+0.0959i
8.7	-0.4023-0.0124i	-0.0227+0.0036i	-1.5139+0.7420i	-0.4999+0.0216i	-0.0386-0.0000i	-2.1972+1.0011i	0.2768+0.2991i	-0.0838+0.1867i
8.8	-0.4470+0.0340i	-0.0226+0.0055i	-1.7533+1.0127i	-0.5511+0.0816i	-0.0415+0.0038i	-2.4991+1.3807i	0.3528+0.2484i	0.1304+0.3274i
8.9	-0.4835+0.0864i	-0.0278+0.0072i	-1.9705+1.3139i	-0.5936+0.1485i	-0.0496+0.0105i	-2.7702+1.7984i	0.4011+0.1588i	0.5670+0.2950i
9.0	-0.4927+0.1719i	-0.0243+0.0182i	-2.0047+1.8073i	-0.6014+0.2535i	-0.0463+0.0285i	-2.7887+2.4738i	0.3320+0.0508i	0.6337-0.2695i
9.1	-0.4882+0.2434i	-0.0115+0.0254i	-2.0393+2.2552i	-0.5963+0.3416i	-0.0291+0.0409i	-2.7944+3.0704i	0.2242+0.0847i	0.1610-0.5759i
9.2	-0.5538+0.3753i	-0.0015+0.0277i	-2.4015+3.2707i	-0.6730+0.5160i	-0.0295+0.0458i	-3.2595+4.4235i	0.3260+0.1118i	0.0886-0.4127i
9.3	-0.4761+0.6201i	0.0142+0.0276i	-1.6389+4.8971i	-0.5598+0.8270i	-0.0185+0.0642i	-2.2099+6.5980i	0.3807-0.0025i	0.1134-0.6068i
9.4	-0.1981+0.6905i	0.0254+0.0131i	0.3362+5.1419i	-0.1989+0.9048i	0.0091+0.0552i	0.4571+6.8995i	0.3055-0.0941i	-0.2234-0.7170i
9.5	0.0854+0.6412i	0.0326-0.0056i	2.2455+4.5426i	0.1620+0.8291i	0.0424+0.0338i	3.0230+6.0663i	0.2089-0.1499i	-0.6575-0.6118i
9.6	0.1943+0.4518i	0.0260-0.0194i	2.8176+3.1262i	0.2929+0.5799i	0.0418+0.0154i	3.7823+4.1494i	0.1259-0.1167i	-0.8103-0.2546i
9.7	0.1976+0.3146i	0.0155-0.0260i	2.7502+2.1833i	0.2922+0.4039i	0.0292+0.0004i	3.6822+2.8805i	0.0913-0.0725i	-0.7847+0.0060i
9.8	0.1769+0.2301i	0.0086-0.0294i	2.5435+1.6171i	0.2627+0.2971i	0.0233-0.0129i	3.4012+2.1204i	0.0860-0.0406i	-0.6931+0.2185i
9.9	0.1461+0.1697i	0.0044-0.0309i	2.2896+1.2178i	0.2217+0.2207i	0.0180-0.0181i	3.0588+1.5874i	0.0935-0.0214i	-0.5232+0.3891i
10.0	0.1171+0.1308i	0.0009-0.0303i	2.0635+0.9575i	0.1834+0.1698i	0.0133-0.0144i	2.7569+1.2404i	0.1014-0.0144i	-0.3341+0.4248i
10.1	0.0846+0.1040i	-0.0041-0.0293i	1.8139+0.7873i	0.1425+0.1352i	0.0060-0.0135i	2.4292+1.0117i	0.1056-0.0176i	-0.1987+0.3789i
10.2	0.0592+0.0887i	-0.0078-0.0316i	1.6206+0.7348i	0.1085+0.1167i	-0.0014-0.0176i	2.1752+0.9355i	0.1033-0.0238i	-0.1285+0.3279i
10.3	0.0400+0.0821i	-0.0113-0.0322i	1.4979+0.7339i	0.0828+0.1080i	-0.0084-0.0204i	2.0064+0.9242i	0.0917-0.0322i	-0.1084+0.2965i
10.4	0.0311+0.0767i	-0.0114-0.0334i	1.4770+0.7190i	0.0712+0.1010i	-0.0023-0.0238i	1.9644+0.9060i	0.0776-0.0351i	-0.0790+0.3184i
10.5	0.0252+0.0687i	-0.0131-0.0356i	1.4804+0.6675i	0.0637+0.0911i	0.0013-0.0244i	1.9611+0.8465i	0.0657-0.0328i	-0.0165+0.3257i
10.6	0.0162+0.0582i	-0.0183-0.0384i	1.4675+0.5793i	0.0525+0.0799i	-0.0085-0.0240i	1.9484+0.7403i	0.0552-0.0235i	0.0439+0.2880i
10.7	0.0076+0.0482i	-0.0223-0.0386i	1.4296+0.4859i	0.0407+0.0674i	-0.0159-0.0238i	1.9058+0.6230i	0.0515-0.0140i	0.0685+0.2253i
10.8	-0.0047+0.0390i	-0.0250-0.0391i	1.3515+0.3968i	0.0259+0.0554i	-0.0226-0.0264i	1.8094+0.5085i	0.0456-0.0101i	0.0538+0.1819i
10.9	-0.0142+0.0329i	-0.0270-0.0392i	1.2864+0.3379i	0.0146+0.0469i	-0.0223-0.0321i	1.7286+0.4314i	0.0399-0.0047i	0.0358+0.1726i
11.0	-0.0244+0.0306i	-0.0306-0.0381i	1.2222+0.3161i	0.0013+0.0435i	-0.0204-0.0327i	1.6498+0.4039i	0.0378+0.0013i	0.0333+0.1793i
11.1	-0.0332+0.0287i	-0.0321-0.0388i	1.1692+0.2962i	-0.0098+0.0416i	-0.0249-0.0323i	1.5837+0.3793i	0.0371+0.0045i	0.0233+0.2073i
11.2	-0.0425+0.0252i	-0.0349-0.0401i	1.1201+0.2674i	-0.0214+0.0363i	-0.0301-0.0331i	1.5254+0.3443i	0.0353+0.0078i	0.0400+0.2205i
11.3	-0.0492+0.0218i	-0.0382-0.0404i	1.0833+0.2473i	-0.0295+0.0328i	-0.0361-0.0306i	1.4845+0.3190i	0.0345+0.0085i	0.0940+0.2493i
11.4	-0.0583+0.0196i	-0.0439-0.0380i	1.0382+0.2311i	-0.0405+0.0299i	-0.0423-0.0266i	1.4329+0.2985i	0.0297+0.0100i	0.1680+0.2477i
11.5	-0.0664+0.0169i	-0.0497-0.0368i	1.0035+0.2154i	-0.0504+0.0258i	-0.0480-0.0252i	1.3950+0.2791i	0.0254+0.0111i	0.2386+0.2566i
11.6	-0.0765+0.0148i	-0.0539-0.0319i	0.9606+0.2043i	-0.0629+0.0232i	-0.0507-0.0206i	1.3473+0.2618i	0.0201+0.0149i	0.2997+0.1883i
11.7	-0.0832+0.0148i	-0.0544-0.0286i	0.9301+0.2045i	-0.0730+0.0247i	-0.0504-0.0257i	1.3117+0.2582i	0.0177+0.0199i	0.2723+0.1169i
11.8	-0.0906+0.0144i	-0.0536-0.0252i	0.8928+0.2002i	-0.0824+0.0233i	-0.0510-0.0167i	1.2688+0.2522i	0.0126+0.0230i	0.2566+0.0828i
11.9	-0.0992+0.0124i	-0.0565-0.0234i	0.8583+0.2010i	-0.0938+0.0218i	-0.0543-0.0155i	1.2307+0.2503i	0.0068+0.0274i	0.2519+0.0401i

12.0	-0.1047+0.0116i	-0.0583-0.0214i	0.8299+0.2080i	-0.1021+0.0225i	-0.0549-0.0166i	1.1989+0.2569i	0.0067+0.0325i	0.2477+0.0121i
12.1	-0.1137+0.0123i	-0.0592-0.0182i	0.8035+0.2250i	-0.1120+0.0258i	-0.0537-0.0126i	1.1713+0.2730i	0.0018+0.0385i	0.2431-0.0013i
12.2	-0.1221+0.0122i	-0.0573-0.0163i	0.7783+0.2435i	-0.1225+0.0262i	-0.0517-0.0117i	1.1433+0.2893i	-0.0058+0.0494i	0.2346-0.0069i
12.3	-0.1292+0.0130i	-0.0549-0.0142i	0.7602+0.2633i	-0.1317+0.0279i	-0.0518-0.0104i	1.1238+0.3083i	-0.0097+0.0572i	0.2416-0.0112i
12.4	-0.1368+0.0136i	-0.0532-0.0119i	0.7591+0.2956i	-0.1420+0.0311i	-0.0543-0.0057i	1.1201+0.3421i	-0.0065+0.0688i	0.2661-0.0067i
12.5	-0.1403+0.0138i	-0.0503-0.0091i	0.7739+0.3171i	-0.1490+0.0342i	-0.0484-0.0016i	1.1314+0.3632i	-0.0013+0.0791i	0.3124+0.0149i
12.6	-0.1476+0.0133i	-0.0425-0.0091i	0.7979+0.3307i	-0.1574+0.0373i	-0.0346-0.0071i	1.1539+0.3825i	0.0004+0.0892i	0.4200-0.0155i
12.7	-0.1555+0.0100i	-0.0364-0.0138i	0.8172+0.3298i	-0.1665+0.0390i	-0.0292-0.0111i	1.1711+0.3941i	0.0036+0.0924i	0.5131-0.1072i
12.8	-0.1629+0.0069i	-0.0316-0.0243i	0.8344+0.3204i	-0.1749+0.0417i	-0.0266-0.0236i	1.1934+0.3958i	0.0066+0.0898i	0.5574-0.2485i
12.9	-0.1694+0.0030i	-0.0273-0.0404i	0.8486+0.2977i	-0.1839+0.0410i	-0.0271-0.0407i	1.2195+0.3882i	0.0036+0.0886i	0.5604-0.5085i
13.0	-0.1783-0.0020i	-0.0358-0.0567i	0.8482+0.2697i	-0.1943+0.0449i	-0.0318-0.0591i	1.2429+0.3664i	-0.0018+0.0912i	0.4159-0.6902i
13.1	-0.1899-0.0082i	-0.0508-0.0737i	0.8373+0.2473i	-0.2010+0.0485i	-0.0538-0.0726i	1.2549+0.3366i	-0.0073+0.1019i	0.1737-0.7457i
13.2	-0.2033-0.0152i	-0.0693-0.0871i	0.8150+0.2345i	-0.2065+0.0517i	-0.0735-0.0860i	1.2489+0.3081i	-0.0148+0.1189i	-0.0111-0.7317i
13.3	-0.2219-0.0183i	-0.0907-0.0922i	0.7960+0.2433i	-0.2121+0.0542i	-0.0912-0.0957i	1.2303+0.2994i	0.0006+0.1394i	-0.1464-0.7501i
13.4	-0.2393-0.0183i	-0.1145-0.0895i	0.7822+0.2556i	-0.2172+0.0529i	-0.1213-0.0956i	1.2145+0.2895i	0.0154+0.1456i	-0.2551-0.6208i
13.5	-0.2551-0.0165i	-0.1322-0.0846i	0.7811+0.2665i	-0.2213+0.0478i	-0.1382-0.0946i	1.1966+0.2881i	0.0193+0.1483i	-0.2403-0.5495i
13.6	-0.2823-0.0152i	-0.1510-0.0810i	0.7791+0.2985i	-0.2386+0.0390i	-0.1581-0.0987i	1.1652+0.3158i	0.0435+0.1470i	-0.2250-0.5695i
13.7	-0.3005-0.0079i	-0.1691-0.0704i	0.7945+0.3239i	-0.2566+0.0373i	-0.1868-0.0894i	1.1607+0.3498i	0.0533+0.1437i	-0.3235-0.5653i
13.8	-0.3192-0.0010i	-0.1943-0.0583i	0.8209+0.3359i	-0.2749+0.0339i	-0.2223-0.0754i	1.1685+0.3803i	0.0580+0.1230i	-0.4781-0.5262i
13.9	-0.3384+0.0061i	-0.2171-0.0432i	0.8411+0.3319i	-0.2959+0.0340i	-0.2547-0.0577i	1.1634+0.4106i	0.0410+0.1027i	-0.5524-0.4257i
14.0	-0.3538+0.0158i	-0.2338-0.0147i	0.8596+0.3154i	-0.3190+0.0383i	-0.2830-0.0215i	1.1778+0.4656i	0.0087+0.0971i	-0.6112-0.4347i
14.1	-0.3673+0.0234i	-0.2389+0.0120i	0.8764+0.3158i	-0.3382+0.0426i	-0.2946+0.0126i	1.2162+0.5174i	-0.0081+0.1078i	-0.6966-0.4817i
14.2	-0.3854+0.0275i	-0.2462+0.0337i	0.8956+0.3152i	-0.3591+0.0462i	-0.3007+0.0401i	1.2533+0.5690i	-0.0183+0.1211i	-0.8186-0.4700i
14.3	-0.4041+0.0305i	-0.2499+0.0556i	0.9146+0.2976i	-0.3793+0.0501i	-0.3068+0.0693i	1.3075+0.6015i	-0.0218+0.1283i	-0.9270-0.4984i
14.4	-0.4244+0.0291i	-0.2561+0.0733i	0.9263+0.2840i	-0.4033+0.0520i	-0.3133+0.0943i	1.3548+0.6325i	-0.0367+0.1238i	-1.0732-0.4486i
14.5	-0.4473+0.0385i	-0.2683+0.0902i	0.9267+0.2804i	-0.4323+0.0624i	-0.3250+0.1165i	1.3872+0.6801i	-0.0610+0.1254i	-1.4300-0.4081i
14.6	-0.4742+0.0545i	-0.2863+0.1296i	0.9196+0.3143i	-0.4609+0.0829i	-0.3481+0.1694i	1.4358+0.8056i	-0.0835+0.1506i	-2.0009-0.1473i
14.7	-0.4967+0.0733i	-0.2780+0.1757i	0.9682+0.3691i	-0.4813+0.1037i	-0.3298+0.2185i	1.5972+0.9261i	-0.0926+0.1870i	-2.2689+0.6338i
14.8	-0.5135+0.0786i	-0.2488+0.2218i	1.0638+0.3744i	-0.4964+0.1084i	-0.2978+0.2857i	1.8428+1.0047i	-0.1083+0.1993i	-1.8804+1.6896i
14.9	-0.5366+0.0883i	-0.1984+0.2379i	1.1333+0.3359i	-0.5230+0.1162i	-0.2422+0.3056i	2.1089+0.9449i	-0.1384+0.2316i	-0.9812+2.0692i
15.0	-0.5681+0.0899i	-0.1561+0.2236i	1.1927+0.3096i	-0.5622+0.1150i	-0.1933+0.2860i	2.3326+0.8238i	-0.1687+0.2650i	-0.3167+2.0766i
15.1	-0.5934+0.0893i	-0.1607+0.2035i	1.2501+0.2662i	-0.5880+0.1179i	-0.2028+0.2635i	2.4563+0.6992i	-0.1958+0.2803i	0.0480+1.9238i
15.2	-0.6417+0.0998i	-0.1994+0.1799i	1.3284+0.1836i	-0.6368+0.1353i	-0.2638+0.2285i	2.5502+0.4806i	-0.2383+0.3208i	0.4199+1.5137i
15.3	-0.6927+0.1163i	-0.2427+0.1953i	1.3821+0.0978i	-0.6873+0.1553i	-0.3250+0.2443i	2.6001+0.3661i	-0.2922+0.3817i	0.4686+1.2963i
15.4	-0.7559+0.1204i	-0.3095+0.2282i	1.4549+0.0032i	-0.7486+0.1593i	-0.4128+0.2990i	2.6531+0.2919i	-0.3708+0.4593i	0.4363+1.0929i
15.5	-0.8214+0.1451i	-0.3677+0.3104i	1.4970-0.1352i	-0.8120+0.1846i	-0.4979+0.4235i	2.7102+0.2419i	-0.4395+0.6094i	0.3779+1.0954i
15.6	-0.8916+0.1989i	-0.3705+0.4589i	1.4688-0.3281i	-0.8848+0.2349i	-0.5102+0.6527i	2.8080+0.2300i	-0.4306+0.8231i	0.5113+1.3091i
15.7	-0.9875+0.2567i	-0.3198+0.6803i	1.3554-0.5867i	-0.9900+0.2796i	-0.4347+0.9808i	2.9810+0.2680i	-0.3476+0.9845i	0.8413+1.5039i
15.8	-1.0487+0.3301i	-0.1184+0.8199i	1.0576-0.6845i	-1.0735+0.3513i	-0.1336+1.1702i	3.2415+0.2199i	-0.3148+1.0627i	1.2467+1.3377i
15.9	-1.1044+0.4146i	0.1040+0.8710i	0.7937-0.6416i	-1.1523+0.4503i	0.1940+1.2377i	3.5711+0.0962i	-0.3712+1.2160i	1.6073+1.0996i
16.0	-1.1529+0.5095i	0.3331+0.8164i	0.6264-0.4613i	-1.2212+0.5793i	0.5458+1.1504i	4.0256-0.1839i	-0.5128+1.6038i	1.9347+0.8758i
16.1	-1.2213+0.5924i	0.5134+0.6876i	0.5833-0.2890i	-1.2973+0.7004i	0.8179+0.9550i	4.4454-0.6558i	-0.3530+2.3660i	2.4126+0.1954i
16.2	-1.3456+0.6750i	0.6295+0.5203i	0.5605-0.1306i	-1.4216+0.8290i	0.9992+0.7043i	4.7715-1.2768i	0.4197+3.1941i	2.4968-0.9492i
16.3	-1.4575+0.8144i	0.6702+0.3428i	0.6013+0.0560i	-1.5122+1.0248i	1.0573+0.4170i	4.8670-1.9454i	1.6241+3.3776i	1.8231-1.8128i
16.4	-1.5642+1.1078i	0.6404+0.1779i	0.7866+0.2573i	-1.5588+1.3668i	0.9840+0.1489i	4.8073-2.8450i	2.6019+2.7218i	0.8796-2.1429i
16.5	-1.6091+1.4387i	0.5945+0.0868i	1.0929+0.4124i	-1.5367+1.7277i	0.9073+0.0072i	4.6130-3.7294i	3.0500+2.4369i	0.0561-2.3620i
16.6	-1.4476+1.7966i	0.5637-0.0319i	1.6243+0.2434i	-1.2627+2.0883i	0.8321-0.1709i	3.9152-4.7201i	4.4378+2.0432i	-1.4121-1.8209i
16.7	-1.3522+2.0317i	0.4869-0.1021i	1.7666-0.2243i	-1.0956+2.2429i	0.6726-0.2735i	2.9892-5.2609i	5.3323+0.0490i	-1.1749-0.1458i
16.8	-1.1924+2.3832i	0.4094-0.1125i	1.6183-0.6430i	-0.9283+2.4841i	0.5216-0.2415i	1.8795-5.5443i	4.4653-2.1097i	-0.1861+0.1606i
16.9	-0.8247+2.7506i	0.3291-0.1681i	1.4272-0.7945i	-0.5676+2.8019i	0.4166-0.2960i	0.8284-5.5970i	2.8083-2.7507i	-0.1855-0.2030i
17.0	-0.2277+2.9257i	0.2602-0.1647i	1.3377-0.7971i	0.0200+2.9580i	0.3205-0.2656i	-0.2054-5.1189i	1.7186-2.0401i	-0.2363+0.0925i
17.1	0.2427+2.8737i	0.2444-0.1855i	1.3221-1.0166i	0.4817+2.8664i	0.3007-0.2821i	-0.7528-4.5178i	1.9779-2.1186i	0.2352-0.0274i
17.2	0.7129+2.9134i	0.1731-0.2239i	0.9778-1.2561i	0.9059+2.8583i	0.2238-0.3295i	-1.3278-4.1866i	0.9848-2.8190i	-0.0661-0.6773i
17.3	1.1874+2.6254i	0.0933-0.1624i	0.7760-1.1111i	1.3630+2.5650i	0.1152-0.2312i	-1.7335-3.5783i	0.2530-1.9782i	-0.5802-0.1971i
17.4	1.4222+2.1653i	0.1073-0.1136i	0.7925-1.0732i	1.5866+2.0952i	0.1476-0.1625i	-1.7809-2.9064i	0.5860-1.5529i	-0.1339+0.2665i
17.5	1.5149+1.8226i	0.1126-0.1190i	0.7118-1.1540i	1.6588+1.7400i	0.1650-0.1744i	-1.7435-2.4273i	0.6600-1.6474i	0.1319+0.0113i
17.6	1.5231+1.4814i	0.0819-0.1218i	0.4870-1.1915i	1.6422+1.3944i	0.1272-0.1899i	-1.6417-2.0375i	0.3992-1.8169i	-0.0400-0.0319i
17.7	1.4997+1.2372i	0.0699-0.1047i	0.3215-1.1212i	1.5945+1.1527i	0.1164-0.1747i	-1.5923-1.7304i	0.1434-1.7503i	0.0395+0.0061i
17.8	1.4673+1.0060i	0.0576-0.0955i	0.1891-1.0428i	1.5459+0.9263i	0.0944-0.1678i	-1.5405-1.4190i	-0.0875-1.6611i	0.0641-0.0330i
17.9	1.4041+0.8184i	0.0444-0.0870i	0.0849-0.9544i	1.4699+0.7474i	0.0702-0.1673i	-1.4285-1.1710i	-0.3216-1.5156i	0.0753-0.0450i
18.0	1.3235+0.6943i	0.0366-0.0731i	0.0396-0.8552i	1.3822+0.6306i	0.0548-0.1499i	-1.2903-1.0024i	-0.4467-1.3252i	0.0865-0.0811i
18.1	1.2374+0.6005i	0.0319-0.0610i	0.0209-0.7713i	1.2913+0.5430i	0.0440-0.1243i	-1.1596-0.8807i	-0.5093-1.1405i	0.0830-0.1123i
18.2	1.1374+0.4921i	0.0346-0.0472i	-0.0167-0.6799i	1.1827+0.4384i	0.0432-0.1015i	-1.0598-0.7290i	-0.5477-0.9284i	0.0271-0.1286i

18.3	1.0629+0.4295i	0.0385-0.0400i	-0.0497-0.6136i	1.1005+0.3814i	0.0471-0.0981i	-1.0004-0.6353i	-0.5481-0.7628i	-0.0051-0.1113i
18.4	0.9952+0.3798i	0.0411-0.0406i	-0.0731-0.5409i	1.0271+0.3372i	0.0513-0.0982i	-0.9249-0.5118i	-0.5296-0.6525i	-0.0119-0.0810i
18.5	0.9017+0.3370i	0.0406-0.0457i	-0.0775-0.4157i	0.9262+0.3026i	0.0395-0.0991i	-0.7570-0.3348i	-0.4870-0.5392i	0.0073-0.0625i
18.6	0.8280+0.3241i	0.0230-0.0482i	0.0125-0.3215i	0.8549+0.3046i	0.0171-0.0921i	-0.4826-0.3348i	-0.4171-0.4382i	0.0154-0.0933i
18.7	0.7861+0.3217i	0.0179-0.0387i	0.0953-0.3246i	0.8221+0.3064i	0.0159-0.0779i	-0.3855-0.4313i	-0.3462-0.3960i	-0.0129-0.0949i
18.8	0.7344+0.3007i	0.0236-0.0268i	0.1121-0.3428i	0.7754+0.2835i	0.0236-0.0633i	-0.3858-0.4550i	-0.2994-0.3497i	-0.0301-0.0712i
18.9	0.6876+0.2862i	0.0248-0.0235i	0.0960-0.3444i	0.7287+0.2661i	0.0277-0.0572i	-0.3732-0.4442i	-0.2649-0.3251i	-0.0214-0.0534i
19.0	0.6489+0.2841i	0.0241-0.0214i	0.0815-0.3335i	0.6882+0.2617i	0.0215-0.0539i	-0.3594-0.4354i	-0.2524-0.3010i	-0.0209-0.0514i
19.1	0.6084+0.2869i	0.0248-0.0143i	0.0774-0.3147i	0.6445+0.2647i	0.0234-0.0450i	-0.3263-0.4123i	-0.2282-0.2783i	-0.0217-0.0482i
19.2	0.5642+0.2856i	0.0251-0.0127i	0.0698-0.2960i	0.5994+0.2649i	0.0251-0.0350i	-0.3072-0.3796i	-0.1955-0.2550i	-0.0208-0.0427i
19.3	0.5213+0.2900i	0.0250-0.0117i	0.0715-0.2723i	0.5545+0.2694i	0.0276-0.0261i	-0.2616-0.3526i	-0.1604-0.2513i	-0.0253-0.0227i
19.4	0.4867+0.3007i	0.0215-0.0123i	0.0765-0.2561i	0.5190+0.2832i	0.0285-0.0215i	-0.2253-0.3376i	-0.1361-0.2450i	-0.0248-0.0104i
19.5	0.4686+0.3245i	0.0225-0.0101i	0.0838-0.2484i	0.5022+0.3081i	0.0283-0.0270i	-0.1998-0.3362i	-0.1194-0.2540i	-0.0134-0.0065i
19.6	0.4365+0.3516i	0.0232-0.0068i	0.0879-0.2433i	0.4659+0.3348i	0.0318-0.0180i	-0.1658-0.3359i	-0.1017-0.2541i	-0.0084+0.0007i
19.7	0.4180+0.3752i	0.0224-0.0037i	0.0868-0.2390i	0.4453+0.3600i	0.0319-0.0132i	-0.1434-0.3436i	-0.0950-0.2548i	0.0026+0.0065i
19.8	0.4049+0.4076i	0.0216+0.0003i	0.0903-0.2303i	0.4319+0.3950i	0.0369-0.0172i	-0.1235-0.3527i	-0.0820-0.2520i	0.0084+0.0061i
19.9	0.3965+0.4424i	0.0227+0.0026i	0.0928-0.2229i	0.4244+0.4344i	0.0394-0.0181i	-0.1137-0.3611i	-0.0752-0.2508i	0.0162+0.0031i
20.0	0.3978+0.4770i	0.0243+0.0071i	0.0854-0.2226i	0.4239+0.4680i	0.0426-0.0048i	-0.1119-0.3688i	-0.0805-0.2573i	0.0217+0.0034i
20.1	0.4143+0.5204i	0.0305+0.0046i	0.0825-0.2209i	0.4441+0.5135i	0.0370-0.0160i	-0.1175-0.3757i	-0.0801-0.2559i	0.0266-0.0059i
20.2	0.4363+0.5550i	0.0331+0.0069i	0.0781-0.2274i	0.4672+0.5509i	0.0455-0.0213i	-0.1275-0.3887i	-0.0893-0.2480i	0.0302-0.0104i
20.3	0.4692+0.5856i	0.0346+0.0106i	0.0683-0.2433i	0.5000+0.5777i	0.0467-0.0077i	-0.1513-0.4022i	-0.1001-0.2477i	0.0312-0.0101i
20.4	0.5112+0.6107i	0.0389+0.0069i	0.0448-0.2474i	0.5415+0.5985i	0.0557+0.0020i	-0.1872-0.3946i	-0.1079-0.2477i	0.0311-0.0145i
20.5	0.5475+0.6221i	0.0394+0.0049i	0.0218-0.2487i	0.5769+0.6120i	0.0589-0.0040i	-0.2150-0.3834i	-0.1083-0.2396i	0.0279-0.0186i
20.6	0.5973+0.6123i	0.0407-0.0029i	-0.0269-0.2280i	0.6221+0.6022i	0.0569-0.0019i	-0.2609-0.3299i	-0.1109-0.2173i	0.0249-0.0213i
20.7	0.6441+0.5986i	0.0392-0.0087i	-0.0687-0.2037i	0.6625+0.5880i	0.0567-0.0020i	-0.2897-0.2707i	-0.1079-0.2025i	0.0226-0.0170i
20.8	0.6838+0.5787i	0.0316-0.0077i	-0.0942-0.1674i	0.6990+0.5696i	0.0775-0.0065i	-0.2884-0.2111i	-0.0997-0.1980i	0.0254-0.0147i
20.9	0.7235+0.5484i	0.0297-0.0035i	-0.1302-0.1271i	0.7356+0.5446i	0.0882-0.0167i	-0.2969-0.1623i	-0.1003-0.1917i	0.0246-0.0144i
21.0	0.7543+0.5011i	0.0286+0.0008i	-0.1508-0.0654i	0.7659+0.5058i	0.0859-0.0262i	-0.2996-0.0852i	-0.0992-0.1770i	0.0243-0.0195i
21.1	0.7670+0.4786i	0.0279+0.0057i	-0.1542-0.0373i	0.7782+0.4869i	0.0878-0.0313i	-0.2997-0.0474i	-0.0904-0.1751i	0.0211-0.0188i
21.2	0.7704+0.4417i	0.0285+0.0090i	-0.1569+0.0186i	0.7818+0.4545i	0.0934-0.0301i	-0.2872+0.0294i	-0.0681-0.1741i	0.0234-0.0119i
21.3	0.7761+0.4101i	0.0261+0.0076i	-0.1601+0.0782i	0.7847+0.4260i	0.0931-0.0331i	-0.2718+0.1176i	-0.0668-0.1785i	0.0264-0.0076i
21.4	0.7768+0.3732i	0.0313+0.0068i	-0.1489+0.1520i	0.7941+0.3940i	0.0753-0.0412i	-0.2307+0.2159i	-0.0667-0.1860i	0.0254-0.0077i
21.5	0.7823+0.3396i	0.0347+0.0136i	-0.1192+0.2096i	0.8020+0.3670i	0.0738-0.0570i	-0.1738+0.2790i	-0.0771-0.1835i	0.0295-0.0115i
21.6	0.7791+0.3124i	0.0373+0.0110i	-0.0878+0.2572i	0.8016+0.3402i	0.0729-0.0540i	-0.1146+0.3509i	-0.0826-0.1813i	0.0293-0.0121i
21.7	0.7762+0.3004i	0.0377+0.0131i	-0.0549+0.3003i	0.7988+0.3296i	0.0835-0.0567i	-0.0438+0.4114i	-0.0914-0.1841i	0.0346-0.0152i
21.8	0.7686+0.2760i	0.0352+0.0218i	0.0123+0.3376i	0.7938+0.3081i	0.0813-0.0637i	0.0795+0.4559i	-0.1063-0.1706i	0.0387-0.0151i
21.9	0.7568+0.2524i	0.0483+0.0160i	0.0867+0.3566i	0.7882+0.2823i	0.0841-0.0607i	0.2021+0.4745i	-0.1161-0.1499i	0.0338-0.0141i
22.0	0.7484+0.2356i	0.0509+0.0070i	0.1434+0.3553i	0.7853+0.2667i	0.0735-0.0725i	0.3085+0.4693i	-0.1050-0.1336i	0.0353-0.0140i
22.1	0.7394+0.2232i	0.0520+0.0092i	0.1937+0.3459i	0.7770+0.2556i	0.0718-0.0753i	0.4062+0.4534i	-0.0961-0.1378i	0.0386-0.0112i
22.2	0.7273+0.2083i	0.0576+0.0136i	0.2423+0.3248i	0.7698+0.2408i	0.0703-0.0707i	0.4884+0.4089i	-0.0941-0.1299i	0.0372-0.0065i
22.3	0.7179+0.1977i	0.0594+0.0145i	0.2738+0.3086i	0.7625+0.2317i	0.0689-0.0770i	0.5501+0.3654i	-0.0826-0.1194i	0.0384-0.0076i
22.4	0.7092+0.1843i	0.0572+0.0084i	0.3141+0.2790i	0.7541+0.2138i	0.0561-0.0689i	0.6408+0.3064i	-0.0881-0.1140i	0.0454-0.0057i
22.5	0.7024+0.1780i	0.0555+0.0038i	0.3330+0.2476i	0.7473+0.2067i	0.0644-0.0699i	0.6758+0.2500i	-0.0948-0.1054i	0.0498-0.0059i
22.6	0.6915+0.1660i	0.0584+0.0036i	0.3456+0.2180i	0.7373+0.1915i	0.0778-0.0572i	0.7130+0.1940i	-0.1025-0.0855i	0.0598-0.0063i
22.7	0.6816+0.1576i	0.0666+0.0020i	0.3562+0.1911i	0.7243+0.1805i	0.0981-0.0543i	0.7618+0.1398i	-0.0901-0.0708i	0.0701-0.0098i
22.8	0.6743+0.1511i	0.0648+0.0021i	0.3518+0.1720i	0.7151+0.1788i	0.1056-0.0742i	0.7688+0.0914i	-0.0806-0.0556i	0.0720-0.0158i
22.9	0.6668+0.1443i	0.0703-0.0102i	0.3422+0.1525i	0.7047+0.1760i	0.1298-0.1143i	0.7764+0.0286i	-0.0749-0.0513i	0.0766-0.0261i
23.0	0.6592+0.1347i	0.0714-0.0225i	0.3370+0.1488i	0.6995+0.1702i	0.1350-0.1510i	0.7878-0.0025i	-0.0787-0.0468i	0.0799-0.0350i
23.1	0.6539+0.1261i	0.0685-0.0345i	0.3411+0.1466i	0.6958+0.1686i	0.1102-0.1921i	0.8006-0.0371i	-0.0803-0.0419i	0.0852-0.0440i
23.2	0.6459+0.1185i	0.0554-0.0398i	0.3473+0.1367i	0.6901+0.1621i	0.0824-0.2069i	0.8127-0.0623i	-0.0666-0.0202i	0.0827-0.0497i
23.3	0.6328+0.1161i	0.0468-0.0430i	0.3496+0.1271i	0.6826+0.1606i	0.0517-0.2242i	0.8232-0.0886i	-0.0521-0.0014i	0.0801-0.0552i
23.4	0.6255+0.1144i	0.0393-0.0440i	0.3489+0.1200i	0.6775+0.1606i	0.0156-0.2333i	0.8316-0.1109i	-0.0441+0.0127i	0.0815-0.0609i
23.5	0.6185+0.1138i	0.0330-0.0373i	0.3471+0.1115i	0.6742+0.1574i	-0.0132-0.2122i	0.8424-0.1437i	-0.0422+0.0258i	0.0816-0.0694i
23.6	0.6121+0.1118i	0.0293-0.0354i	0.3429+0.1049i	0.6686+0.1557i	-0.0197-0.2121i	0.8435-0.1731i	-0.0141+0.0326i	0.0802-0.0774i
23.7	0.6022+0.1139i	0.0160-0.0291i	0.3419+0.1063i	0.6643+0.1591i	-0.0680-0.1957i	0.8815-0.2069i	0.0040+0.0504i	0.0794-0.0910i
23.8	0.5998+0.1133i	0.0120-0.0267i	0.3344+0.1067i	0.6666+0.1562i	-0.0919-0.1794i	0.8957-0.2082i	0.0520+0.0653i	0.0675-0.0954i
23.9	0.5966+0.1103i	0.0093-0.0127i	0.3328+0.0991i	0.6675+0.1538i	-0.1021-0.1510i	0.8774-0.2600i	0.0985+0.0759i	0.0469-0.1069i
24.0	0.5932+0.1111i	0.0043-0.0101i	0.3377+0.1014i	0.6649+0.1563i	-0.1068-0.1408i	0.8907-0.2994i	0.1179+0.0638i	0.0411-0.1116i
24.1	0.5897+0.1105i	0.0025-0.0025i	0.3423+0.0925i	0.6669+0.1545i	-0.1162-0.1290i	0.8638-0.3263i	0.1563+0.0188i	0.0221-0.1046i
24.2	0.5861+0.1108i	0.0039+0.0036i	0.3415+0.0978i	0.6676+0.1521i	-0.1318-0.1075i	0.8769-0.3298i	0.1685+0.0099i	0.0152-0.0987i
24.3	0.5832+0.1107i	0.0081+0.0078i	0.3485+0.0976i	0.6699+0.1520i	-0.1371-0.0839i	0.8849-0.3788i	0.2203+0.0226i	0.0063-0.1027i
24.4	0.5802+0.1093i	0.0150+0.0126i	0.3631+0.0906i	0.6716+0.1496i	-0.1362-0.0633i	0.8922-0.4502i	0.2719+0.0337i	0.0002-0.1104i
24.5	0.5772+0.1110i	0.0199+0.0143i	0.3616+0.0858i	0.6695+0.1460i	-0.1296-0.0559i	0.8987-0.4464i	0.3239-0.0189i	-0.0066-0.0992i

24.6	0.5733+0.1104i	0.0250+0.0167i	0.3598+0.0699i	0.6683+0.1430i	-0.1218-0.0496i	0.8863-0.4560i	0.3573-0.1107i	-0.0135-0.0818i
24.7	0.5714+0.1087i	0.0194+0.0136i	0.3656+0.0591i	0.6651+0.1391i	-0.1150-0.0414i	0.8903-0.5062i	0.3652-0.1952i	-0.0141-0.0762i
24.8	0.5704+0.1116i	0.0223+0.0127i	0.3599+0.0364i	0.6637+0.1381i	-0.1082-0.0310i	0.8634-0.5784i	0.3182-0.3426i	-0.0107-0.0664i
24.9	0.5690+0.1149i	0.0246+0.0125i	0.3504+0.0219i	0.6624+0.1399i	-0.1021-0.0316i	0.8389-0.6096i	0.2478-0.3859i	-0.0028-0.0646i
25.0	0.5680+0.1167i	0.0252+0.0123i	0.3358+0.0065i	0.6630+0.1392i	-0.1027-0.0272i	0.8121-0.6404i	0.1841-0.3837i	-0.0015-0.0677i
25.1	0.5671+0.1188i	0.0289+0.0152i	0.3244-0.0005i	0.6645+0.1411i	-0.0941-0.0172i	0.7923-0.6660i	0.1215-0.3853i	-0.0009-0.0651i
25.2	0.5709+0.1230i	0.0334+0.0134i	0.3096-0.0068i	0.6695+0.1430i	-0.0938-0.0169i	0.7339-0.6961i	0.0466-0.3751i	0.0004-0.0670i
25.3	0.5743+0.1238i	0.0310+0.0100i	0.2976-0.0139i	0.6723+0.1412i	-0.0938-0.0124i	0.7011-0.6948i	0.0001-0.3326i	-0.0035-0.0708i
25.4	0.5790+0.1204i	0.0340+0.0126i	0.2715-0.0192i	0.6762+0.1370i	-0.1004-0.0137i	0.6433-0.6909i	-0.0083-0.2974i	-0.0073-0.0709i
25.5	0.5793+0.1219i	0.0349+0.0127i	0.2461-0.0202i	0.6770+0.1380i	-0.0959-0.0227i	0.6085-0.6953i	-0.0046-0.2771i	-0.0106-0.0684i
25.6	0.5830+0.1224i	0.0303+0.0140i	0.2180-0.0093i	0.6783+0.1396i	-0.0867-0.0149i	0.5968-0.6712i	-0.0182-0.2503i	-0.0110-0.0633i
25.7	0.5882+0.1197i	0.0268+0.0149i	0.1957+0.0056i	0.6807+0.1368i	-0.0855-0.0045i	0.5542-0.6517i	-0.0148-0.2373i	-0.0108-0.0579i
25.8	0.5909+0.1164i	0.0276+0.0140i	0.1875+0.0239i	0.6850+0.1333i	-0.0875+0.0002i	0.5464-0.6099i	-0.0081-0.2470i	-0.0079-0.0574i
25.9	0.5927+0.1144i	0.0289+0.0103i	0.1709+0.0390i	0.6893+0.1266i	-0.0918+0.0047i	0.5420-0.5655i	-0.0147-0.2373i	-0.0077-0.0550i
26.0	0.5925+0.1116i	0.0266+0.0131i	0.1505+0.0461i	0.6906+0.1249i	-0.0996+0.0108i	0.5649-0.5636i	-0.0319-0.2243i	-0.0050-0.0512i
26.1	0.5969+0.1122i	0.0227+0.0113i	0.1333+0.0565i	0.6930+0.1238i	-0.0981+0.0184i	0.5846-0.5703i	-0.0465-0.1979i	-0.0026-0.0558i
26.2	0.6021+0.1126i	0.0223+0.0102i	0.1086+0.0692i	0.7002+0.1222i	-0.1018+0.0288i	0.5696-0.5672i	-0.0523-0.2067i	-0.0028-0.0545i
26.3	0.6088+0.1084i	0.0162+0.0079i	0.0792+0.0990i	0.7063+0.1148i	-0.1125+0.0384i	0.5446-0.5595i	-0.0669-0.2079i	-0.0004-0.0490i
26.4	0.6114+0.0986i	0.0071+0.0125i	0.0512+0.1671i	0.7054+0.1023i	-0.1082+0.0625i	0.5370-0.5149i	-0.1091-0.1846i	0.0034-0.0457i
26.5	0.6109+0.0948i	-0.0046+0.0220i	0.0544+0.2036i	0.7000+0.0985i	-0.0913+0.0796i	0.5526-0.4896i	-0.1178-0.1748i	0.0116-0.0460i
26.6	0.6113+0.0881i	-0.0146+0.0449i	0.0655+0.2481i	0.6927+0.0985i	-0.0697+0.0880i	0.5840-0.4515i	-0.1136-0.1537i	0.0173-0.0465i
26.7	0.6102+0.0834i	-0.0197+0.0616i	0.0833+0.2967i	0.6856+0.1005i	-0.0515+0.0889i	0.6235-0.3991i	-0.1095-0.1027i	0.0227-0.0530i
26.8	0.6051+0.0836i	-0.0154+0.0780i	0.1114+0.3291i	0.6833+0.1054i	-0.0395+0.0844i	0.6958-0.3953i	-0.1003-0.0892i	0.0260-0.0604i
26.9	0.6030+0.0840i	-0.0064+0.1068i	0.1436+0.3485i	0.6812+0.1165i	-0.0220+0.0861i	0.7656-0.4400i	-0.0892-0.0896i	0.0293-0.0685i
27.0	0.6049+0.0843i	0.0086+0.1211i	0.1644+0.3634i	0.6868+0.1242i	-0.0147+0.0883i	0.7989-0.4749i	-0.1074-0.0684i	0.0337-0.0748i
27.1	0.6087+0.0826i	0.0288+0.1451i	0.1853+0.3834i	0.6952+0.1326i	-0.0023+0.0874i	0.8418-0.5108i	-0.1204-0.0723i	0.0326-0.0867i
27.2	0.6091+0.0825i	0.0557+0.1624i	0.2115+0.4023i	0.7058+0.1396i	0.0211+0.0924i	0.8585-0.5803i	-0.1080-0.0241i	0.0263-0.1008i
27.3	0.6110+0.0825i	0.1012+0.1783i	0.2331+0.4238i	0.7226+0.1454i	0.0473+0.0883i	0.8294-0.6434i	-0.0790+0.0321i	0.0155-0.1104i
27.4	0.6118+0.0792i	0.1455+0.1692i	0.2494+0.4376i	0.7333+0.1420i	0.0724+0.0658i	0.7943-0.6419i	-0.0812+0.0346i	0.0075-0.1139i
27.5	0.6098+0.0778i	0.1714+0.1490i	0.2710+0.4576i	0.7369+0.1392i	0.0918+0.0405i	0.8178-0.6319i	-0.0799+0.0418i	0.0061-0.1133i
27.6	0.6086+0.0778i	0.1979+0.1274i	0.3011+0.4924i	0.7437+0.1406i	0.1028+0.0102i	0.8479-0.6572i	-0.0614+0.0664i	0.0012-0.1166i
27.7	0.6070+0.0788i	0.2239+0.0970i	0.3490+0.5186i	0.7596+0.1384i	0.1056-0.0313i	0.8558-0.7038i	-0.0539+0.0792i	-0.0064-0.1193i
27.8	0.6055+0.0804i	0.2401+0.0624i	0.4055+0.5357i	0.7736+0.1346i	0.0817-0.0830i	0.8498-0.7290i	-0.0395+0.1187i	-0.0162-0.1196i
27.9	0.6032+0.0830i	0.2391+0.0286i	0.4579+0.5390i	0.7804+0.1286i	0.0523-0.1063i	0.8380-0.7405i	0.0232+0.1251i	-0.0257-0.1167i
28.0	0.5998+0.0899i	0.2320+0.0014i	0.5101+0.5227i	0.7857+0.1225i	0.0110-0.1078i	0.8565-0.7457i	0.0652+0.1371i	-0.0270-0.1142i
28.1	0.6020+0.0984i	0.2195-0.0130i	0.5495+0.5035i	0.7903+0.1273i	-0.0212-0.0988i	0.8547-0.7555i	0.0908+0.1336i	-0.0302-0.1178i
28.2	0.6097+0.1099i	0.2061-0.0320i	0.5980+0.4956i	0.8025+0.1349i	-0.0458-0.0929i	0.8610-0.7443i	0.0923+0.1712i	-0.0369-0.1223i
28.3	0.6231+0.1177i	0.1887-0.0503i	0.6581+0.4496i	0.8213+0.1276i	-0.0616-0.0692i	0.8987-0.7568i	0.1380+0.1854i	-0.0460-0.1196i
28.4	0.6342+0.1191i	0.1775-0.0503i	0.6823+0.3850i	0.8324+0.1150i	-0.0715-0.0563i	0.9291-0.8054i	0.1306+0.1823i	-0.0404-0.1132i
28.5	0.6443+0.1199i	0.1725-0.0521i	0.6951+0.3486i	0.8420+0.1078i	-0.0724-0.0397i	0.9626-0.8186i	0.1713+0.1965i	-0.0452-0.1133i
28.6	0.6553+0.1202i	0.1668-0.0545i	0.6979+0.3145i	0.8484+0.1005i	-0.0705-0.0240i	0.9953-0.8502i	0.2393+0.2033i	-0.0504-0.1114i
28.7	0.6673+0.1204i	0.1591-0.0569i	0.7013+0.2751i	0.8559+0.0969i	-0.0674-0.0039i	1.0273-0.9065i	0.2139+0.2650i	-0.0468-0.1157i
28.8	0.6790+0.1188i	0.1563-0.0567i	0.6988+0.2472i	0.8683+0.0911i	-0.0598-0.0065i	1.0524-0.9668i	0.2358+0.3354i	-0.0464-0.1193i
28.9	0.6908+0.1173i	0.1549-0.0601i	0.6985+0.2248i	0.8781+0.0853i	-0.0540-0.0131i	1.0695-1.0303i	0.3460+0.3651i	-0.0547-0.1214i
29.0	0.6980+0.1130i	0.1518-0.0669i	0.6920+0.2002i	0.8849+0.0762i	-0.0420-0.0071i	1.0833-1.0961i	0.4220+0.4098i	-0.0565-0.1300i
29.1	0.7089+0.1090i	0.1492-0.0672i	0.6837+0.1820i	0.8939+0.0721i	-0.0304+0.0001i	1.0991-1.1810i	0.5368+0.3981i	-0.0652-0.1361i
29.2	0.7185+0.1051i	0.1447-0.0700i	0.6747+0.1741i	0.9015+0.0696i	-0.0267-0.0071i	1.0871-1.2565i	0.6372+0.3800i	-0.0731-0.1382i
29.3	0.7302+0.1002i	0.1424-0.0693i	0.6780+0.1626i	0.9148+0.0639i	-0.0324-0.0183i	1.0876-1.3464i	0.7353+0.3739i	-0.0799-0.1470i
29.4	0.7397+0.0980i	0.1449-0.0777i	0.6839+0.1499i	0.9295+0.0558i	-0.0331-0.0197i	1.0909-1.4491i	0.8085+0.4107i	-0.0945-0.1574i
29.5	0.7537+0.0945i	0.1364-0.0914i	0.6838+0.1271i	0.9399+0.0439i	-0.0292-0.0295i	1.0019-1.5749i	1.0557+0.4328i	-0.1225-0.1613i
29.6	0.7635+0.0845i	0.1281-0.0941i	0.6746+0.1180i	0.9508+0.0358i	-0.0299-0.0438i	0.9112-1.6471i	1.3303+0.3647i	-0.1413-0.1589i
29.7	0.7727+0.0776i	0.1199-0.1052i	0.6794+0.1169i	0.9604+0.0230i	-0.0356-0.0565i	0.8501-1.6806i	1.5429+0.1815i	-0.1618-0.1450i
29.8	0.7793+0.0676i	0.1156-0.1074i	0.6855+0.1082i	0.9722+0.0078i	-0.0493-0.0613i	0.7894-1.7296i	1.7080+0.0453i	-0.1771-0.1350i
29.9	0.7835+0.0580i	0.1111-0.1046i	0.7145+0.1096i	0.9869-0.0022i	-0.0709-0.0629i	0.7372-1.8167i	1.9791-0.2124i	-0.2101-0.1258i
30.0	0.7825+0.0452i	0.0954-0.0993i	0.7261+0.0859i	0.9855-0.0186i	-0.0967-0.0571i	0.6606-1.8518i	1.8911-0.5320i	-0.2132-0.0996i
30.1	0.7819+0.0345i	0.0752-0.0937i	0.7540+0.0350i	0.9830-0.0403i	-0.1115-0.0398i	0.5539-1.9008i	1.9199-0.9121i	-0.2277-0.0723i
30.2	0.7763+0.0347i	0.0642-0.0788i	0.7712-0.0246i	0.9761-0.0493i	-0.1228-0.0087i	0.4732-1.9288i	1.9330-1.1273i	-0.2354-0.0553i
30.3	0.7738+0.0437i	0.0771-0.0605i	0.7495-0.1039i	0.9704-0.0505i	-0.1119+0.0197i	0.4164-1.9470i	1.8486-1.3652i	-0.2368-0.0309i
30.4	0.7837+0.0591i	0.1116-0.0495i	0.6639-0.1807i	0.9763-0.0447i	-0.0764+0.0318i	0.3525-2.0243i	1.5704-1.7709i	-0.2166+0.0076i
30.5	0.8074+0.0665i	0.1294-0.0768i	0.5797-0.1911i	0.9897-0.0456i	-0.0556+0.0140i	0.2060-2.1064i	1.5520-1.9263i	-0.2089+0.0219i
30.6	0.8346+0.0647i	0.1160-0.1092i	0.5303-0.1481i	1.0054-0.0517i	-0.0721-0.0188i	0.0236-2.1235i	1.3571-2.1743i	-0.2097+0.0385i
30.7	0.8522+0.0537i	0.0803-0.1176i	0.5177-0.1092i	1.0115-0.0590i	-0.0840-0.0334i	-0.1424-2.0512i	0.9467-2.3598i	-0.1889+0.0478i
30.8	0.8679+0.0415i	0.0554-0.1091i	0.5184-0.1039i	1.0198-0.0685i	-0.0942-0.0322i	-0.2781-1.9701i	0.6887-2.3637i	-0.1724+0.0574i

30.9	0.8754+0.0261i	0.0414-0.0901i	0.5139-0.1142i	1.0238-0.0782i	-0.1162-0.0195i	-0.3580-1.8689i	0.4220-2.4609i	-0.1609+0.0749i
31.0	0.8880+0.0146i	0.0270-0.0637i	0.5045-0.1383i	1.0290-0.0841i	-0.1260-0.0109i	-0.4328-1.8053i	0.2274-2.5631i	-0.1488+0.0895i
31.1	0.8911+0.0042i	0.0374-0.0460i	0.4745-0.1570i	1.0318-0.0910i	-0.1269-0.0043i	-0.4953-1.7217i	-0.1439-2.5167i	-0.1156+0.0926i
31.2	0.8935-0.0070i	0.0531-0.0263i	0.4359-0.1586i	1.0400-0.0910i	-0.1350+0.0108i	-0.5416-1.6356i	-0.4270-2.4550i	-0.0852+0.0848i
31.3	0.9010-0.0143i	0.0659-0.0064i	0.3953-0.1470i	1.0489-0.0880i	-0.1388+0.0244i	-0.5607-1.5459i	-0.7130-2.3184i	-0.0674+0.0752i
31.4	0.9123-0.0194i	0.0818+0.0088i	0.3662-0.1314i	1.0641-0.0845i	-0.1387+0.0341i	-0.5631-1.4646i	-0.9516-2.2923i	-0.0549+0.0701i
31.5	0.9207-0.0192i	0.0941+0.0018i	0.3395-0.1162i	1.0748-0.0865i	-0.1328+0.0422i	-0.5690-1.3977i	-1.0594-2.1786i	-0.0548+0.0661i
31.6	0.9327-0.0265i	0.0960+0.0111i	0.3140-0.0980i	1.0886-0.0876i	-0.1350+0.0475i	-0.5828-1.3375i	-1.2112-1.9650i	-0.0456+0.0518i
31.7	0.9410-0.0338i	0.1078+0.0386i	0.2903-0.0879i	1.1028-0.0849i	-0.1440+0.0617i	-0.5868-1.2795i	-1.3862-1.8676i	-0.0352+0.0349i
31.8	0.9530-0.0439i	0.1301+0.0498i	0.2624-0.0688i	1.1245-0.0848i	-0.1379+0.0721i	-0.5666-1.2096i	-1.6194-1.6002i	-0.0248+0.0195i
31.9	0.9624-0.0504i	0.1684+0.0455i	0.2292-0.0460i	1.1492-0.0930i	-0.1280+0.0891i	-0.5437-1.1684i	-1.6131-1.3996i	-0.0312+0.0073i
32.0	0.9719-0.0509i	0.1833+0.0185i	0.2048-0.0134i	1.1659-0.1005i	-0.1227+0.0882i	-0.5474-1.1279i	-1.5428-1.2190i	-0.0410-0.0022i
32.1	0.9824-0.0535i	0.2025+0.0058i	0.1865+0.0300i	1.1854-0.1060i	-0.1236+0.0896i	-0.5503-1.0694i	-1.5505-0.9387i	-0.0559-0.0116i
32.2	0.9909-0.0606i	0.2471+0.0001i	0.1623+0.0742i	1.2164-0.1150i	-0.1262+0.1090i	-0.5342-1.0677i	-1.4413-0.8084i	-0.0634-0.0335i
32.3	1.0095-0.0680i	0.2787-0.0009i	0.1601+0.1464i	1.2550-0.1180i	-0.1233+0.1204i	-0.4769-1.0897i	-1.3228-0.8425i	-0.0620-0.0532i
32.4	1.0307-0.0726i	0.2706-0.0081i	0.1754+0.2089i	1.2762-0.1218i	-0.1158+0.1231i	-0.4466-1.0618i	-1.3699-0.7874i	-0.0649-0.0545i
32.5	1.0419-0.0702i	0.3279-0.0830i	0.2089+0.2578i	1.3241-0.1540i	-0.1039+0.1231i	-0.4839-1.0568i	-1.3890-0.7233i	-0.1072-0.0512i
32.6	1.0609-0.0699i	0.3481-0.1292i	0.2566+0.3033i	1.3637-0.1752i	-0.0940+0.1335i	-0.5104-1.0406i	-1.4017-0.5719i	-0.1240-0.0407i
32.7	1.0895-0.0782i	0.3394-0.1590i	0.2914+0.3445i	1.3945-0.1961i	-0.0827+0.1442i	-0.5102-0.9948i	-1.3587-0.3654i	-0.1229-0.0389i
32.8	1.1238-0.0895i	0.2761-0.2069i	0.3110+0.3623i	1.4032-0.2362i	-0.0929+0.1579i	-0.5002-0.9528i	-1.2795-0.2604i	-0.1173-0.0301i
32.9	1.1493-0.0962i	0.2215-0.2734i	0.3234+0.3766i	1.4128-0.2837i	-0.0852+0.1722i	-0.5206-0.9470i	-1.2754-0.2150i	-0.1407-0.0087i
33.0	1.1813-0.1143i	0.1793-0.2715i	0.3906+0.4190i	1.4333-0.3043i	-0.0563+0.1795i	-0.4897-0.9316i	-1.2812-0.1761i	-0.1429-0.0061i
33.1	1.2239-0.1270i	0.1215-0.2712i	0.4579+0.4879i	1.4520-0.3244i	-0.0306+0.1861i	-0.4639-0.8753i	-1.1936-0.0833i	-0.1234-0.0126i
33.2	1.2608-0.1550i	0.0822-0.2249i	0.5421+0.5222i	1.4765-0.3359i	-0.0077+0.1954i	-0.4835-0.8513i	-1.1925-0.0050i	-0.1282-0.0150i
33.3	1.2889-0.1880i	0.0922-0.1990i	0.6663+0.5050i	1.5192-0.3650i	0.0240+0.1895i	-0.4916-0.8188i	-1.1497+0.0918i	-0.1760-0.0040i
33.4	1.3080-0.2358i	0.1756-0.1975i	0.8366+0.3943i	1.5919-0.4216i	0.0652+0.1546i	-0.4594-0.8745i	-1.0277+0.0446i	-0.2084-0.0081i
33.5	1.3172-0.2749i	0.2113-0.1668i	0.8946+0.3254i	1.6171-0.4584i	0.0744+0.1256i	-0.4529-0.8800i	-0.9872+0.0841i	-0.2165-0.0058i
33.6	1.3195-0.3095i	0.2166-0.1798i	0.8898+0.2299i	1.6184-0.5130i	0.0759+0.1047i	-0.4526-0.8381i	-0.9646+0.1423i	-0.2229+0.0176i
33.7	1.3217-0.3381i	0.2309-0.2492i	0.8944+0.0674i	1.6273-0.5841i	0.0574+0.0668i	-0.4568-0.8603i	-0.9550+0.1599i	-0.2300+0.0449i
33.8	1.3280-0.3639i	0.2537-0.3164i	0.9012-0.0991i	1.6531-0.6537i	0.0394+0.0390i	-0.5094-0.9054i	-0.9248+0.1586i	-0.2703+0.0697i
33.9	1.3414-0.3774i	0.2021-0.3085i	0.8271-0.1344i	1.6310-0.6767i	0.0248+0.0257i	-0.5003-0.8433i	-0.8393+0.1845i	-0.2469+0.1143i
34.0	1.3649-0.4020i	0.2145-0.3012i	0.7700-0.1671i	1.6625-0.6982i	-0.0093+0.0092i	-0.4514-0.9155i	-0.6740+0.1379i	-0.2526+0.0838i
34.1	1.3807-0.4219i	0.1636-0.3113i	0.6433-0.1689i	1.6560-0.7354i	-0.0433+0.0255i	-0.5350-0.9126i	-0.6616+0.1993i	-0.2474+0.1121i
34.2	1.3944-0.4430i	0.1604-0.3106i	0.5904-0.1542i	1.6644-0.7704i	-0.0492+0.0464i	-0.6203-0.8347i	-0.6179+0.2125i	-0.2673+0.1595i
34.3	1.4127-0.4643i	0.1807-0.3454i	0.5807-0.1747i	1.6986-0.8285i	-0.0614+0.0640i	-0.7062-0.7872i	-0.5761+0.1994i	-0.3105+0.2009i
34.4	1.4374-0.4913i	0.2238-0.3694i	0.6304-0.1919i	1.7482-0.8720i	-0.0603+0.0646i	-0.7000-0.7145i	-0.5492+0.1939i	-0.3279+0.2235i
34.5	1.4637-0.5184i	0.1944-0.3918i	0.5742-0.1812i	1.7541-0.9339i	-0.0559+0.0771i	-0.6951-0.5862i	-0.4774+0.2203i	-0.2968+0.2844i
34.6	1.4889-0.5468i	0.1539-0.4435i	0.4978-0.2010i	1.7468-1.0132i	-0.0561+0.0895i	-0.6725-0.4339i	-0.3595+0.1681i	-0.2624+0.3641i
34.7	1.5190-0.5703i	0.1141-0.4756i	0.4240-0.2139i	1.7419-1.0739i	-0.0554+0.0970i	-0.6248-0.3115i	-0.3060+0.1784i	-0.2184+0.4362i
34.8	1.5596-0.6133i	0.0753-0.5215i	0.3694-0.2136i	1.7500-1.1564i	-0.0452+0.1108i	-0.4800-0.2498i	-0.2496+0.1681i	-0.1601+0.4957i
34.9	1.5915-0.6525i	0.0301-0.5638i	0.3322-0.2298i	1.7462-1.2217i	-0.0462+0.1130i	-0.3481-0.2330i	-0.2015+0.0891i	-0.1060+0.5395i
35.0	1.6268-0.7039i	-0.0464-0.5418i	0.2772-0.1644i	1.7131-1.2684i	-0.0464+0.1265i	-0.1904-0.2694i	-0.1913-0.0224i	-0.0004+0.5310i
35.1	1.6675-0.7599i	-0.1291-0.5298i	0.2268-0.1000i	1.6891-1.3319i	-0.0454+0.1425i	-0.0699-0.3309i	-0.2463-0.1843i	0.0967+0.5204i
35.2	1.7237-0.8273i	-0.2047-0.4740i	0.1984-0.0238i	1.6741-1.3655i	-0.0209+0.1340i	0.0674-0.3629i	-0.3021-0.1970i	0.1987+0.4819i
35.3	1.7750-0.9147i	-0.2381-0.4192i	0.2103+0.0506i	1.6941-1.4166i	-0.0047+0.1389i	0.1921-0.4728i	-0.2827-0.1920i	0.2649+0.4272i
35.4	1.7719-1.0099i	-0.2448-0.4118i	0.2572+0.0557i	1.6848-1.5117i	-0.0122+0.1379i	0.1691-0.6865i	-0.2316-0.3362i	0.2760+0.3853i
35.5	1.7763-1.0974i	-0.2689-0.3639i	0.2591+0.0798i	1.6617-1.5775i	-0.0077+0.1329i	0.1513-0.8200i	-0.2831-0.3939i	0.3104+0.3334i
35.6	1.7758-1.1928i	-0.2687-0.3384i	0.2824+0.0892i	1.6445-1.6594i	-0.0061+0.1347i	0.1236-0.9404i	-0.3388-0.4459i	0.3229+0.2949i
35.7	1.7712-1.2765i	-0.2899-0.3034i	0.2705+0.0904i	1.6069-1.7263i	-0.0026+0.1264i	0.0265-1.0601i	-0.4876-0.4723i	0.3366+0.2555i
35.8	1.7529-1.3607i	-0.2928-0.2752i	0.2647+0.0988i	1.5667-1.7886i	-0.0084+0.1206i	-0.0735-1.1414i	-0.5013-0.5184i	0.3479+0.2186i
35.9	1.7358-1.4361i	-0.2961-0.2620i	0.2680+0.1002i	1.5292-1.8469i	-0.0163+0.1201i	-0.1649-1.2015i	-0.5496-0.5546i	0.3604+0.2016i
36.0	1.7016-1.4947i	-0.2891-0.2387i	0.2772+0.1321i	1.4863-1.8795i	-0.0230+0.1143i	-0.2713-1.2334i	-0.6831-0.5557i	0.3614+0.1765i
36.1	1.6822-1.5756i	-0.2836-0.2147i	0.2550+0.1417i	1.4624-1.9352i	-0.0238+0.1226i	-0.3802-1.2468i	-0.7709-0.5243i	0.3778+0.1479i
36.2	1.6791-1.6403i	-0.2804-0.1910i	0.2329+0.1552i	1.4531-1.9749i	-0.0317+0.1280i	-0.4694-1.2284i	-0.8418-0.4922i	0.4023+0.1159i
36.3	1.6590-1.7100i	-0.2894-0.1848i	0.2226+0.1970i	1.4193-2.0268i	-0.0485+0.1266i	-0.5566-1.2189i	-0.9181-0.4110i	0.4171+0.0785i
36.4	1.6623-1.7736i	-0.2980-0.1715i	0.2188+0.2295i	1.4142-2.0670i	-0.0611+0.1427i	-0.6513-1.2060i	-1.0371-0.3632i	0.4178+0.0419i
36.5	1.6483-1.8504i	-0.2844-0.1589i	0.2568+0.2705i	1.4071-2.1236i	-0.0615+0.1612i	-0.7283-1.1728i	-1.0839-0.2861i	0.4184-0.0007i
36.6	1.6301-1.9466i	-0.2967-0.1435i	0.2877+0.2885i	1.3793-2.2039i	-0.0606+0.1891i	-0.8480-1.1423i	-1.1035-0.2028i	0.4209-0.0413i
36.7	1.6183-2.0303i	-0.3100-0.1262i	0.3302+0.3162i	1.3515-2.2718i	-0.0448+0.2198i	-0.9801-1.0924i	-1.1498-0.1074i	0.4319-0.0765i
36.8	1.6137-2.1455i	-0.3181-0.1070i	0.3635+0.3477i	1.3383-2.3654i	-0.0410+0.2392i	-1.0849-1.0322i	-1.2047-0.0335i	0.4203-0.1139i
36.9	1.5962-2.2765i	-0.3262-0.0822i	0.4247+0.3609i	1.3127-2.4707i	-0.0264+0.2602i	-1.2112-0.9212i	-1.1702+0.0896i	0.3977-0.1605i
37.0	1.5821-2.3573i	-0.3326-0.0616i	0.4527+0.3353i	1.2893-2.5278i	-0.0004+0.2756i	-1.3005-0.7763i	-1.1235+0.1357i	0.3937-0.1802i
37.1	1.5260-2.5257i	-0.3240-0.0142i	0.4875+0.3468i	1.2320-2.6474i	0.0245+0.2977i	-1.3276-0.5945i	-1.0902+0.2026i	0.3902-0.2482i

37.2	1.4838-2.6980i	-0.3239+0.0160i	0.4971+0.3375i	1.1919-2.7888i	0.0371+0.3199i	-1.3448-0.4709i	-1.1084+0.2556i	0.3635-0.2857i
37.3	1.4518-2.8893i	-0.3239+0.0387i	0.5268+0.3181i	1.1640-2.9531i	0.0596+0.3312i	-1.4037-0.3525i	-1.1307+0.2918i	0.3175-0.3361i
37.4	1.3147-3.0965i	-0.2983+0.0757i	0.5697+0.2969i	1.0462-3.1212i	0.1012+0.3552i	-1.3885-0.1932i	-1.0675+0.4359i	0.2814-0.3678i
37.5	1.1948-3.2739i	-0.2907+0.1169i	0.6031+0.2822i	0.9353-3.2607i	0.1572+0.3889i	-1.4092-0.0596i	-1.0158+0.4901i	0.2341-0.3973i
37.6	0.9933-3.3827i	-0.2643+0.1558i	0.6322+0.2646i	0.7597-3.3279i	0.2110+0.3920i	-1.3834+0.0810i	-0.9263+0.5488i	0.1776-0.4108i
37.7	0.7676-3.5384i	-0.2367+0.1884i	0.6680+0.2559i	0.5672-3.4498i	0.2852+0.3917i	-1.3668+0.2260i	-0.8493+0.6006i	0.1232-0.4298i
37.8	0.4918-3.7171i	-0.1952+0.2230i	0.7236+0.1817i	0.3497-3.5998i	0.3754+0.3700i	-1.3378+0.4629i	-0.7653+0.6297i	0.0687-0.4410i
37.9	0.2506-3.7693i	-0.1492+0.2411i	0.7490+0.0806i	0.1604-3.6433i	0.4264+0.3036i	-1.2422+0.6468i	-0.6861+0.6392i	0.0146-0.4202i
38.0	-0.0860-3.7998i	-0.0756+0.2544i	0.7250-0.0590i	-0.1091-3.6811i	0.5030+0.1956i	-1.0846+0.8778i	-0.5705+0.5775i	-0.0297-0.3741i
38.1	-0.3244-3.7249i	-0.0133+0.2413i	0.6225-0.1277i	-0.3032-3.6303i	0.5108+0.1002i	-0.8997+1.0094i	-0.5701+0.5137i	-0.0216-0.3323i
38.2	-0.5130-3.6467i	0.0302+0.2187i	0.5156-0.1787i	-0.4653-3.5836i	0.5042+0.0179i	-0.7193+1.1313i	-0.5951+0.4593i	-0.0177-0.3118i
38.3	-0.7234-3.6187i	0.0818+0.1933i	0.3914-0.1978i	-0.6430-3.5843i	0.4898-0.0694i	-0.4558+1.2754i	-0.6108+0.4432i	0.0219-0.3094i
38.4	-0.8872-3.6227i	0.1191+0.1781i	0.2909-0.1920i	-0.7869-3.5989i	0.4745-0.1380i	-0.2582+1.3872i	-0.6298+0.4668i	0.0499-0.3196i
38.5	-1.1446-3.5025i	0.1742+0.1193i	0.1759-0.0877i	-0.9968-3.5187i	0.3853-0.1923i	0.1659+1.3560i	-0.6064+0.5383i	0.0731-0.3752i
38.6	-1.3280-3.4463i	0.1912+0.0716i	0.1199-0.0312i	-1.1655-3.5057i	0.3355-0.2267i	0.4112+1.3034i	-0.6045+0.5643i	0.0531-0.4347i
38.7	-1.4892-3.3482i	0.1928+0.0096i	0.0776+0.0524i	-1.3304-3.4670i	0.2955-0.2479i	0.6078+1.1344i	-0.5285+0.5738i	0.0027-0.5013i
38.8	-1.7246-3.1984i	0.1789-0.0592i	0.0451+0.1629i	-1.5888-3.3794i	0.2321-0.2592i	0.8167+0.9308i	-0.4745+0.5972i	-0.0776-0.5927i
38.9	-1.8777-3.0482i	0.1529-0.1080i	0.0700+0.2518i	-1.7725-3.2746i	0.1921-0.2486i	0.9058+0.7653i	-0.4413+0.5928i	-0.1824-0.6413i
39.0	-2.0168-2.8464i	0.1157-0.1547i	0.1191+0.3385i	-1.9511-3.1064i	0.1445-0.2307i	0.9859+0.5583i	-0.3960+0.5500i	-0.2952-0.6655i
39.1	-2.1194-2.6731i	0.0624-0.1697i	0.1471+0.3768i	-2.1113-2.9412i	0.1205-0.2373i	1.0129+0.4569i	-0.3975+0.5017i	-0.4290-0.6464i
39.2	-2.1888-2.5576i	0.0141-0.1696i	0.1628+0.3925i	-2.2330-2.8168i	0.1054-0.2482i	1.0374+0.4021i	-0.3966+0.4725i	-0.5651-0.5953i
39.3	-2.2878-2.4025i	-0.0266-0.1542i	0.1798+0.4286i	-2.3752-2.6352i	0.0768-0.2521i	1.1116+0.3116i	-0.4265+0.4820i	-0.7037-0.4974i
39.4	-2.3282-2.2251i	-0.0444-0.1484i	0.2113+0.4689i	-2.4275-2.4406i	0.0506-0.2376i	1.1741+0.1727i	-0.4482+0.4903i	-0.7734-0.3763i
39.5	-2.4297-2.0409i	-0.0725-0.1203i	0.2280+0.5099i	-2.5562-2.2224i	0.0182-0.2397i	1.2588+0.0429i	-0.4086+0.5334i	-0.8542-0.1853i
39.6	-2.4463-1.8862i	-0.0765-0.0835i	0.2684+0.5429i	-2.5770-2.0280i	-0.0083-0.2281i	1.2680-0.0468i	-0.3752+0.5469i	-0.8296-0.0196i
39.7	-2.4508-1.7049i	-0.0556-0.0479i	0.3061+0.5351i	-2.5615-1.8033i	-0.0408-0.2075i	1.3056-0.1250i	-0.3011+0.5655i	-0.7172+0.1246i
39.8	-2.4877-1.5854i	-0.0468-0.0394i	0.2632+0.5575i	-2.5875-1.6713i	-0.0729-0.2039i	1.4194-0.2302i	-0.2884+0.5686i	-0.7064+0.1932i
39.9	-2.4549-1.4280i	-0.0457-0.0346i	0.2779+0.6131i	-2.5479-1.5025i	-0.0875-0.1838i	1.4422-0.3990i	-0.3022+0.5773i	-0.6931+0.2900i
40.0	-2.4250-1.2780i	-0.0344-0.0305i	0.3296+0.6540i	-2.5039-1.3402i	-0.1060-0.1570i	1.3996-0.5818i	-0.2379+0.5679i	-0.5944+0.3656i
40.1	-2.4211-1.1301i	-0.0180-0.0262i	0.3779+0.7323i	-2.4815-1.1825i	-0.1315-0.1146i	1.3740-0.7829i	-0.1764+0.5656i	-0.4687+0.4585i
40.2	-2.3890-1.0537i	-0.0157+0.0031i	0.4146+0.7785i	-2.4421-1.0791i	-0.1455-0.1087i	1.3358-0.9032i	-0.1602+0.5709i	-0.4099+0.5682i
40.3	-2.3667-0.9671i	0.0089+0.0232i	0.5026+0.7996i	-2.4040-0.9726i	-0.1456-0.0939i	1.2150-0.9433i	-0.1189+0.5343i	-0.2602+0.6009i
40.4	-2.3481-0.8881i	0.0613+0.0164i	0.5659+0.7827i	-2.3364-0.8865i	-0.1606-0.0938i	1.1830-0.9765i	-0.0894+0.5095i	-0.1051+0.5912i
40.5	-2.3220-0.7844i	0.0869-0.0167i	0.6206+0.7771i	-2.2788-0.8023i	-0.1681-0.0480i	1.1368-1.0545i	-0.0493+0.4822i	0.0248+0.5197i
40.6	-2.3007-0.6772i	0.1014-0.0501i	0.6789+0.7561i	-2.2349-0.7193i	-0.1840+0.0030i	1.0905-1.1144i	-0.0508+0.4190i	0.1224+0.4019i
40.7	-2.2554-0.5829i	0.1021-0.0836i	0.7108+0.7216i	-2.1800-0.6453i	-0.1667+0.0234i	1.0435-1.1371i	-0.0476+0.3711i	0.1423+0.2767i
40.8	-2.2489-0.5063i	0.1068-0.1288i	0.7594+0.6919i	-2.1545-0.6036i	-0.1920+0.0541i	1.0408-1.1492i	-0.0282+0.3599i	0.2091+0.1697i
40.9	-2.1967-0.4241i	0.0768-0.1360i	0.7597+0.6825i	-2.1073-0.5318i	-0.1988+0.0754i	1.0572-1.2024i	-0.0638+0.3168i	0.1544+0.0875i
41.0	-2.1173-0.3362i	0.0566-0.1363i	0.7346+0.6990i	-2.0340-0.4492i	-0.1605+0.0956i	1.0712-1.3085i	-0.1052+0.2942i	0.0389+0.0504i
41.1	-2.0907-0.2826i	0.0824-0.1709i	0.7985+0.7290i	-1.9811-0.4249i	-0.1559+0.1239i	1.0097-1.4416i	-0.1142+0.2994i	0.0865+0.0561i
41.2	-2.0370-0.2140i	0.0583-0.2123i	0.8771+0.7068i	-1.9359-0.3925i	-0.1454+0.1249i	0.8516-1.4958i	-0.1171+0.3188i	0.1033+0.0094i
41.3	-1.9773-0.1839i	-0.0032-0.2068i	0.8963+0.6532i	-1.9053-0.3619i	-0.1439+0.1339i	0.8466-1.3926i	-0.1161+0.2972i	0.0329-0.0664i
41.4	-1.9618-0.1309i	-0.0223-0.1872i	0.8387+0.6635i	-1.8839-0.3182i	-0.1463+0.1822i	1.0298-1.5399i	-0.1699+0.2855i	-0.1054-0.0508i
41.5	-1.9186-0.0808i	-0.0321-0.1690i	0.8638+0.7070i	-1.8514-0.2845i	-0.1133+0.2134i	0.9323-1.7258i	-0.2044+0.3432i	-0.1434+0.0187i
41.6	-1.8657-0.0737i	-0.0037-0.1395i	0.9331+0.7389i	-1.7973-0.2667i	-0.0837+0.2182i	0.8078-1.7469i	-0.1808+0.3692i	-0.1018+0.0728i
41.7	-1.8110-0.0528i	0.0107-0.1238i	1.0077+0.7570i	-1.7524-0.2421i	-0.0350+0.2168i	0.6529-1.8065i	-0.1149+0.3724i	-0.0736+0.1313i
41.8	-1.7996-0.0424i	0.0310-0.1354i	1.0885+0.6712i	-1.7301-0.2324i	-0.0131+0.1899i	0.5895-1.7173i	-0.0712+0.3602i	-0.0256+0.0962i
41.9	-1.8268+0.0072i	0.0545-0.1979i	1.0761+0.6572i	-1.7297-0.2287i	-0.0166+0.1863i	0.6743-1.8815i	-0.0969+0.3187i	-0.0209+0.0760i
42.0	-1.8031+0.0405i	0.0327-0.2262i	1.1060+0.6486i	-1.7176-0.2139i	-0.0274+0.1663i	0.5347-1.9321i	-0.0752+0.3063i	0.0045+0.0861i
42.1	-1.7915+0.0974i	0.0135-0.2657i	1.1173+0.6691i	-1.7002-0.1926i	-0.0327+0.1794i	0.5548-2.0464i	-0.0573+0.2808i	0.0099+0.0743i
42.2	-1.7623+0.1312i	-0.0461-0.2855i	1.2380+0.6727i	-1.7120-0.1982i	-0.0253+0.2167i	0.3642-2.1393i	-0.0695+0.2640i	0.0395+0.0348i
42.3	-1.7649+0.1720i	-0.0693-0.2828i	1.3132+0.5701i	-1.7388-0.1727i	-0.0251+0.2544i	0.2498-2.0796i	-0.0884+0.2242i	0.0436-0.0567i
42.4	-1.7044+0.2393i	-0.0925-0.2602i	1.2797+0.4844i	-1.7218-0.1048i	0.0101+0.2551i	0.0786-2.0858i	-0.0683+0.2468i	0.0053-0.0639i
42.5	-1.6780+0.2690i	-0.1132-0.2577i	1.2882+0.4471i	-1.7244-0.0794i	0.0154+0.2622i	-0.0045-2.0205i	-0.0731+0.2331i	-0.0108-0.0878i
42.6	-1.6232+0.3061i	-0.1604-0.2270i	1.2661+0.3870i	-1.7211-0.0352i	0.0580+0.2743i	-0.1263-1.9734i	-0.0951+0.1993i	-0.0932-0.0893i
42.7	-1.5708+0.3122i	-0.1610-0.1948i	1.2547+0.3997i	-1.6957-0.0059i	0.1000+0.2661i	-0.1995-1.9286i	-0.0817+0.1964i	-0.1072-0.0401i
42.8	-1.5940+0.2672i	-0.1039-0.2215i	1.4096+0.4290i	-1.7203-0.0357i	0.1370+0.2453i	-0.1849-1.8003i	-0.0514+0.1133i	-0.0326-0.0730i
42.9	-1.6459+0.3383i	-0.1510-0.2578i	1.3970+0.2939i	-1.7904+0.0273i	0.1351+0.2251i	-0.0732-1.8054i	-0.1190+0.0771i	-0.1036-0.1410i
43.0	-1.5984+0.4157i	-0.2126-0.2209i	1.3186+0.2681i	-1.7798+0.1285i	0.1492+0.2181i	-0.1106-1.9265i	-0.1608+0.1210i	-0.1866-0.0711i
43.1	-1.5450+0.4660i	-0.2125-0.1439i	1.3005+0.3303i	-1.7504+0.2202i	0.1766+0.2215i	-0.3052-2.0680i	-0.1594+0.1640i	-0.1849+0.0552i
43.2	-1.5323+0.4942i	-0.1601-0.1456i	1.4535+0.2825i	-1.7389+0.2784i	0.2218+0.1945i	-0.6323-1.8750i	-0.1050+0.1608i	-0.0496+0.0451i
43.3	-1.4827+0.5133i	-0.1834-0.1707i	1.3339+0.1164i	-1.6781+0.3360i	0.1844+0.1278i	-0.3704-1.3780i	-0.1379+0.1068i	-0.1106-0.0673i
43.4	-1.5066+0.4990i	-0.2070-0.1726i	1.2715+0.2219i	-1.6750+0.3215i	0.1315+0.1403i	0.0886-1.4749i	-0.1917+0.0581i	-0.1844-0.0608i

43.5	−1.5585+0.5693i	−0.2085−0.1479i	1.4031+0.2412i	−1.7278+0.3924i	0.1572+0.1787i	0.1088−1.8966i	−0.2580+0.0600i	−0.1851−0.0143i
43.6	−1.5306+0.6844i	−0.2114−0.1379i	1.4523+0.1421i	−1.7080+0.5117i	0.1895+0.1885i	−0.1484−2.0800i	−0.3067+0.0825i	−0.1772+0.0044i
43.7	−1.4539+0.7794i	−0.2222−0.1382i	1.4191+0.0165i	−1.6374+0.6183i	0.2186+0.1554i	−0.3560−2.0027i	−0.3449+0.1203i	−0.1798−0.0135i
43.8	−1.3503+0.8202i	−0.2332−0.1268i	1.3047−0.0442i	−1.5149+0.6793i	0.1860+0.1380i	−0.3196−1.8439i	−0.3631+0.1457i	−0.2119−0.0317i
43.9	−1.2680+0.8483i	−0.2291−0.1176i	1.2065−0.0139i	−1.4128+0.7127i	0.1832+0.1208i	−0.2025−1.8631i	−0.3733+0.1867i	−0.2544−0.0077i
44.0	−1.1884+0.8472i	−0.2649−0.1391i	1.2087+0.0860i	−1.3459+0.6914i	0.1869+0.1122i	−0.2321−2.0148i	−0.3253+0.2267i	−0.2508+0.0187i
44.1	−1.1653+0.8407i	−0.3089−0.0628i	1.2661+0.0941i	−1.3373+0.7024i	0.1682+0.1603i	−0.2048−2.2418i	−0.3522+0.1960i	−0.3027+0.0254i
44.2	−1.1104+0.8968i	−0.2701−0.0302i	1.2425+0.0649i	−1.2787+0.7594i	0.2157+0.1730i	−0.4632−2.4813i	−0.3917+0.2673i	−0.3261+0.0988i
44.3	−0.9965+0.8802i	−0.2688−0.0385i	1.2656+0.1537i	−1.1841+0.7401i	0.2566+0.1608i	−0.8800−2.4812i	−0.3541+0.3206i	−0.2689+0.1636i
44.4	−0.9543+0.8226i	−0.2667−0.0188i	1.4248+0.1128i	−1.1490+0.7097i	0.2711+0.1390i	−1.1828−2.1566i	−0.3207+0.3033i	−0.1941+0.1194i
44.5	−0.9370+0.8187i	−0.2457+0.0118i	1.4816−0.0305i	−1.1260+0.7355i	0.2975+0.0982i	−1.2882−1.8501i	−0.3208+0.3090i	−0.1903+0.0817i
44.6	−0.9169+0.7968i	−0.2124+0.0155i	1.3807−0.1162i	−1.0623+0.7292i	0.2831+0.0598i	−1.0878−1.5346i	−0.3273+0.3156i	−0.2381+0.0609i
44.7	−0.8991+0.8028i	−0.2345+0.0170i	1.3403−0.1648i	−1.0342+0.7272i	0.2744+0.0500i	−0.9650−1.5013i	−0.3574+0.3472i	−0.2931+0.0841i
44.8	−0.8934+0.7739i	−0.1996+0.0313i	1.2802−0.1398i	−1.0093+0.6956i	0.2590+0.0527i	−0.7489−1.4314i	−0.3452+0.3655i	−0.3196+0.1103i
44.9	−0.9070+0.7490i	−0.1681+0.0041i	1.2974−0.0070i	−1.0023+0.6404i	0.2604+0.0765i	−0.5541−1.6758i	−0.3194+0.3500i	−0.3055+0.1650i
45.0	−0.8944+0.8049i	−0.1975+0.0184i	1.3852−0.0976i	−1.0140+0.6848i	0.2885+0.0599i	−0.8244−1.8467i	−0.3536+0.3826i	−0.2984+0.1962i
45.1	−0.8594+0.8217i	−0.1797+0.0232i	1.3676−0.1422i	−0.9811+0.7029i	0.2983+0.0390i	−0.8935−1.7728i	−0.3276+0.4030i	−0.2897+0.2177i
45.2	−0.8346+0.8435i	−0.1758+0.0095i	1.3894−0.2158i	−0.9599+0.7223i	0.3096+0.0214i	−0.9271−1.7716i	−0.3162+0.4125i	−0.2907+0.2392i
45.3	−0.8066+0.8647i	−0.1866−0.0061i	1.3359−0.3357i	−0.9358+0.7421i	0.2990−0.0208i	−0.9757−1.6497i	−0.3378+0.4735i	−0.3049+0.2558i
45.4	−0.7505+0.8707i	−0.2084−0.0168i	1.2036−0.3202i	−0.8913+0.7371i	0.2764−0.0434i	−0.9426−1.6091i	−0.2949+0.5437i	−0.3005+0.3157i
45.5	−0.7565+0.7872i	−0.2149+0.0284i	1.2450−0.2323i	−0.8970+0.6854i	0.2342−0.0471i	−0.7424−1.4777i	−0.2502+0.4631i	−0.2623+0.2811i
45.6	−0.7710+0.8572i	−0.2118+0.0448i	1.2186−0.2934i	−0.9075+0.7319i	0.2567−0.0323i	−0.6485−1.7598i	−0.2986+0.5086i	−0.3122+0.3431i
45.7	−0.6929+0.8811i	−0.1999+0.0564i	1.1582−0.2330i	−0.8532+0.7447i	0.2649−0.0588i	−0.8732−1.9241i	−0.2416+0.5675i	−0.2474+0.4195i
45.8	−0.6978+0.8560i	−0.1922+0.0545i	1.2718−0.2219i	−0.8745+0.7360i	0.2655−0.0762i	−0.9783−1.8723i	−0.2199+0.5193i	−0.1966+0.3867i
45.9	−0.6901+0.8905i	−0.1913+0.0721i	1.2641−0.3435i	−0.8762+0.7912i	0.2789−0.0837i	−1.0387−1.8251i	−0.2270+0.5459i	−0.1984+0.3955i
46.0	−0.6482+0.9177i	−0.1737+0.0773i	1.1770−0.3961i	−0.8402+0.8290i	0.2815−0.1001i	−1.0992−1.8518i	−0.2300+0.5882i	−0.1901+0.4345i
46.1	−0.6068+0.9351i	−0.1606+0.0766i	1.1057−0.4012i	−0.7979+0.8674i	0.2644−0.1213i	−1.2147−1.8403i	−0.1962+0.6157i	−0.1672+0.4527i
46.2	−0.5488+0.9189i	−0.1654+0.0656i	1.0286−0.3497i	−0.7293+0.8520i	0.2524−0.1276i	−1.2111−1.7389i	−0.1268+0.6342i	−0.1458+0.4692i
46.3	−0.4975+0.8613i	−0.1709+0.0639i	0.9989−0.1808i	−0.6896+0.7819i	0.2480−0.1384i	−1.2421−1.7583i	−0.0736+0.6012i	−0.0981+0.4910i
46.4	−0.5131+0.8519i	−0.1850+0.0643i	1.1159−0.1061i	−0.7245+0.7875i	0.2467−0.1659i	−1.3354−1.7408i	−0.0663+0.6107i	−0.0550+0.5016i
46.5	−0.5143+0.8683i	−0.2181+0.0885i	1.2385−0.1561i	−0.7415+0.8308i	0.2408−0.1930i	−1.3854−1.7010i	−0.0620+0.6088i	−0.0252+0.5031i
46.6	−0.5098+0.8513i	−0.2107+0.1279i	1.3016−0.1968i	−0.7323+0.8437i	0.2185−0.1888i	−1.3657−1.6612i	−0.0329+0.6246i	−0.0013+0.5127i
46.7	−0.5498+0.8770i	−0.2008+0.1601i	1.4220−0.3586i	−0.7487+0.9074i	0.2235−0.2100i	−1.3394−1.6743i	−0.0398+0.6452i	0.0045+0.5104i
46.8	−0.4823+0.9440i	−0.1650+0.1834i	1.2012−0.5041i	−0.6562+0.9772i	0.1624−0.2135i	−1.3650−1.6824i	−0.0298+0.6923i	0.0028+0.5434i
46.9	−0.4257+0.9093i	−0.1362+0.1887i	1.1306−0.3765i	−0.6005+0.9568i	0.1487−0.2279i	−1.5422−1.7453i	0.0796+0.6781i	0.0956+0.5744i
47.0	−0.4239+0.9076i	−0.1052+0.2000i	1.1863−0.4054i	−0.5738+0.9633i	0.1405−0.2232i	−1.6017−1.6049i	0.1092+0.6666i	0.1374+0.5632i
47.1	−0.3965+0.9319i	−0.0836+0.1950i	1.1609−0.4796i	−0.5405+0.9841i	0.1277−0.2170i	−1.5962−1.6289i	0.1607+0.6501i	0.1816+0.5503i
47.2	−0.3207+0.9469i	−0.0569+0.1904i	1.0416−0.5339i	−0.4542+1.0153i	0.0923−0.2398i	−1.7610−1.5866i	0.2221+0.6243i	0.2403+0.5350i
47.3	−0.2639+0.9031i	−0.0300+0.1776i	0.9373−0.4609i	−0.3760+0.9787i	0.0628−0.2226i	−1.8112−1.4256i	0.2937+0.5875i	0.2859+0.4976i
47.4	−0.2557+0.8384i	−0.0273+0.1575i	0.9344−0.3325i	−0.3562+0.9090i	0.0573−0.1844i	−1.7485−1.3242i	0.3378+0.5320i	0.3174+0.4428i
47.5	−0.2567+0.8151i	−0.0267+0.1589i	0.9625−0.2808i	−0.3506+0.8848i	0.0538−0.1764i	−1.7165−1.3011i	0.3300+0.4913i	0.3271+0.4268i
47.6	−0.2614+0.8159i	−0.0201+0.1514i	1.0448−0.2319i	−0.3451+0.8864i	0.0687−0.1820i	−1.7405−1.3258i	0.3073+0.4222i	0.3380+0.4161i
47.7	−0.2745+0.8223i	−0.0146+0.1585i	1.1594−0.3322i	−0.3437+0.8954i	0.0620−0.1940i	−1.8390−1.2715i	0.3327+0.4018i	0.3884+0.3797i
47.8	−0.2434+0.8416i	0.0126+0.1579i	1.0859−0.4932i	−0.2962+0.9083i	0.0366−0.1989i	−1.8385−1.1040i	0.3385+0.3982i	0.3987+0.3235i
47.9	−0.2266+0.8076i	0.0226+0.1244i	1.0135−0.3746i	−0.2774+0.8782i	0.0140−0.1778i	−1.7884−1.1430i	0.3330+0.3728i	0.3932+0.3145i
48.0	−0.2117+0.8189i	0.0339+0.1143i	1.0304−0.4132i	−0.2410+0.8893i	−0.0110−0.1653i	−1.8567−0.9735i	0.3324+0.3599i	0.4189+0.2713i
48.1	−0.1970+0.8202i	0.0344+0.1056i	1.0020−0.4207i	−0.2293+0.8788i	0.0069−0.1414i	−1.7254−0.9702i	0.3715+0.4050i	0.4249+0.2781i
48.2	−0.1854+0.8225i	0.0376+0.0854i	0.9933−0.3688i	−0.2033+0.8860i	0.0116−0.1319i	−1.6974−1.0858i	0.3843+0.3928i	0.4265+0.2914i
48.3	−0.1424+0.8056i	0.0215+0.0720i	0.9934−0.2938i	−0.1559+0.8688i	0.0022−0.1521i	−1.7603−1.1364i	0.4544+0.3468i	0.4713+0.2736i
48.4	−0.1340+0.7925i	0.0191+0.0774i	1.0696−0.3010i	−0.1277+0.8590i	0.0002−0.1550i	−1.8974−1.1132i	0.5099+0.2730i	0.5302+0.2243i
48.5	−0.1422+0.7854i	0.0260+0.0674i	1.1367−0.3499i	−0.1153+0.8451i	0.0001−0.1458i	−2.0138−0.9871i	0.5478+0.1413i	0.5749+0.1154i
48.6	−0.1386+0.7868i	0.0443+0.0415i	1.2013−0.4830i	−0.0976+0.8252i	−0.0240−0.1386i	−2.1153−0.7321i	0.4897+0.0146i	0.5700−0.0177i
48.7	−0.1066+0.7765i	0.0196+0.0119i	1.0873−0.5868i	−0.0673+0.7867i	−0.0245−0.1150i	−1.9042−0.4950i	0.4056−0.0354i	0.4735−0.0903i
48.8	−0.0834+0.7485i	−0.0285+0.0239i	0.9310−0.5661i	−0.0665+0.7593i	−0.0149−0.1058i	−1.6026−0.5382i	0.3622−0.0733i	0.3827−0.0966i
48.9	−0.0709+0.7246i	−0.0326+0.0531i	0.8814−0.4487i	−0.0583+0.7480i	0.0115−0.1052i	−1.5703−0.7155i	0.3293−0.1069i	0.3699−0.0638i
49.0	−0.0895+0.7065i	−0.0192+0.0418i	0.9274−0.3970i	−0.0645+0.7248i	0.0349−0.1171i	−1.5674−0.7949i	0.2679−0.1175i	0.3506−0.0504i
49.1	−0.1097+0.7286i	−0.0367+0.0394i	0.9253−0.4297i	−0.0749+0.7430i	0.0150−0.1398i	−1.5664−0.8488i	0.1992−0.1481i	0.3175−0.0750i
49.2	−0.0978+0.7376i	−0.0393+0.0480i	0.9019−0.3810i	−0.0546+0.7457i	0.0189−0.1526i	−1.5986−0.9402i	0.1868−0.1722i	0.3170−0.0842i
49.3	−0.0872+0.7269i	−0.0333+0.0594i	0.9732−0.3403i	−0.0369+0.7340i	0.0038−0.1555i	−1.7733−0.9045i	0.1320−0.1791i	0.3299−0.1192i
49.4	−0.0873+0.7270i	−0.0264+0.0733i	1.0230−0.4228i	−0.0353+0.7260i	−0.0130−0.1357i	−1.8198−0.7567i	0.0799−0.1916i	0.3025−0.1873i
49.5	−0.0554+0.6964i	−0.0488+0.0515i	0.9092−0.3716i	−0.0167+0.6814i	−0.0367−0.1334i	−1.6490−0.7453i	0.0099−0.1604i	0.2015−0.1644i
49.6	−0.0975+0.7034i	−0.0379+0.0810i	1.0011−0.3067i	−0.0534+0.6932i	−0.0176−0.1294i	−1.6874−0.9530i	0.0309−0.1807i	0.2141−0.1574i
49.7	−0.1122+0.7414i	−0.0384+0.1244i	1.1189−0.4312i	−0.0568+0.7323i	−0.0532−0.1253i	−1.9374−0.9271i	0.0127−0.2054i	0.2495−0.2075i

49.8	-0.0820+0.7403i	-0.0474+0.1028i	1.0716-0.5181i	-0.0237+0.7159i	-0.0981-0.1072i	-1.9911-0.6494i	-0.0851-0.1426i	0.1853-0.2140i
49.9	-0.0552+0.7320i	-0.0523+0.0922i	0.9522-0.5284i	-0.0117+0.6983i	-0.1076-0.0923i	-1.8637-0.5212i	-0.1302-0.0923i	0.0911-0.2118i
50.0	-0.0466+0.7209i	-0.0339+0.0766i	0.9309-0.4553i	0.0024+0.6838i	-0.0865-0.1132i	-1.9042-0.5759i	-0.1588-0.0523i	0.0683-0.1449i
50.1	-0.0442+0.7174i	-0.0284+0.0804i	0.9598-0.4408i	0.0072+0.6763i	-0.0860-0.0911i	-1.9307-0.4927i	-0.1331-0.0038i	0.0922-0.1108i
50.2	-0.0430+0.7150i	-0.0259+0.1255i	0.9395-0.4560i	0.0018+0.6770i	-0.0633-0.0590i	-1.8181-0.4313i	-0.1233+0.0459i	0.0695-0.0961i
50.3	-0.0299+0.7213i	-0.0211+0.1291i	0.9094-0.4445i	0.0071+0.6812i	-0.0424-0.0551i	-1.7218-0.4652i	-0.1111+0.0598i	0.0562-0.0708i
50.4	-0.0493+0.7195i	-0.0448+0.1525i	1.0156-0.3828i	-0.0136+0.6915i	-0.0706-0.0667i	-1.7916-0.6027i	-0.1034+0.0303i	0.0990-0.0619i
50.5	-0.0741+0.7620i	-0.0139+0.1747i	1.1348-0.4788i	-0.0211+0.7307i	-0.0611-0.0622i	-1.9713-0.6010i	-0.1607+0.0274i	0.0983-0.0632i
50.6	-0.0427+0.7798i	0.0542+0.1063i	1.0374-0.5232i	0.0258+0.7133i	-0.0323-0.0852i	-1.9765-0.4776i	-0.1329+0.0575i	0.0942-0.0689i
50.7	-0.0286+0.7806i	0.0903+0.1393i	1.0113-0.5366i	0.0381+0.7204i	0.0054-0.0448i	-1.9344-0.4082i	-0.0983+0.0941i	0.1017-0.0507i
50.8	-0.0242+0.7872i	0.1352+0.1200i	1.0562-0.5042i	0.0574+0.7282i	0.0167-0.0746i	-1.9827-0.4554i	-0.0805+0.0625i	0.1395-0.0613i
50.9	0.0068+0.8106i	0.0434-0.0122i	1.0406-0.6006i	0.0601+0.7067i	-0.0488-0.1651i	-2.0616-0.2430i	-0.0850+0.0459i	0.1265-0.1142i
51.0	0.0420+0.8288i	0.0125-0.0233i	0.9455-0.6501i	0.0741+0.7140i	-0.0536-0.1596i	-1.9138-0.0990i	-0.0990+0.0701i	0.0623-0.1103i
51.1	0.0607+0.8513i	0.0285-0.0412i	0.9128-0.6447i	0.0932+0.7383i	-0.0471-0.1797i	-1.8712-0.0840i	-0.0914+0.0882i	0.0609-0.0817i
51.2	0.0901+0.8548i	-0.0383-0.0538i	0.8811-0.6250i	0.1037+0.7424i	-0.1091-0.1823i	-1.8294-0.0272i	-0.1171+0.0826i	0.0467-0.0729i
51.3	0.1226+0.8290i	-0.0837+0.0337i	0.8530-0.5654i	0.1111+0.7427i	-0.1429-0.1398i	-1.7898-0.1177i	-0.0888+0.0858i	0.0544-0.0375i
51.4	0.1459+0.8158i	-0.1074+0.0556i	0.8729-0.5599i	0.1340+0.7417i	-0.1736-0.1224i	-1.8123-0.0703i	-0.1373+0.0461i	0.0204-0.0693i
51.5	0.1759+0.8326i	-0.0972+0.0512i	0.8763-0.5883i	0.1783+0.7552i	-0.1692-0.1149i	-1.7831-0.0298i	-0.1627+0.0570i	0.0094-0.0688i
51.6	0.1788+0.8349i	-0.0229+0.1386i	0.8957-0.6084i	0.2092+0.7876i	-0.1397-0.0523i	-1.7336+0.0485i	-0.1474+0.0884i	0.0300-0.0626i
51.7	0.2055+0.8190i	-0.0721+0.1800i	0.9160-0.6232i	0.2201+0.7819i	-0.1732-0.0156i	-1.6901+0.1174i	-0.1417+0.0933i	0.0304-0.0757i
51.8	0.2498+0.8185i	-0.0849+0.0880i	0.8539-0.6610i	0.2523+0.7523i	-0.1964-0.0831i	-1.6610+0.1490i	-0.1371+0.0785i	0.0165-0.0720i
51.9	0.2794+0.8044i	-0.0063+0.0783i	0.7573-0.6389i	0.3099+0.7348i	-0.1506-0.0776i	-1.5587+0.0009i	-0.1283+0.1199i	0.0022+0.0061i
52.0	0.3091+0.7577i	-0.0122+0.1734i	0.7722-0.5877i	0.3289+0.7108i	-0.1647-0.0039i	-1.6398+0.0368i	-0.1027+0.1269i	0.0352+0.0061i
52.1	0.3114+0.7401i	-0.0202+0.1901i	0.8021-0.5733i	0.3305+0.6929i	-0.1661+0.0171i	-1.5660+0.1402i	-0.0854+0.1228i	0.0540-0.0130i
52.2	0.3305+0.7345i	0.0065+0.1422i	0.8189-0.6182i	0.3575+0.6758i	-0.1453-0.0081i	-1.5575+0.2034i	-0.0939+0.0955i	0.0555-0.0205i
52.3	0.3628+0.7060i	0.0950+0.1446i	0.7233-0.6756i	0.4050+0.6479i	-0.0634+0.0039i	-1.4923+0.1979i	-0.0738+0.1207i	0.0560+0.0126i
52.4	0.3553+0.6732i	0.1145+0.2459i	0.6678-0.5802i	0.4086+0.6447i	-0.0697+0.0582i	-1.4024-0.0070i	-0.0489+0.1094i	0.0938+0.0593i
52.5	0.3563+0.6682i	0.1255+0.0908i	0.7437-0.5593i	0.4273+0.5871i	-0.0641-0.0250i	-1.5574-0.0018i	-0.0658+0.0809i	0.1562-0.0108i
52.6	0.3589+0.6611i	0.0745+0.0579i	0.7792-0.5892i	0.4084+0.5665i	-0.1150-0.0510i	-1.5547+0.1208i	-0.0723+0.0482i	0.1542-0.0837i
52.7	0.3704+0.6586i	0.0082+0.0362i	0.7379-0.6046i	0.4027+0.5549i	-0.1837-0.0739i	-1.4093+0.0838i	-0.0987+0.0480i	0.1317-0.0942i
52.8	0.3794+0.6282i	0.0150+0.1346i	0.7298-0.6178i	0.4131+0.5524i	-0.2112+0.0097i	-1.4825+0.0497i	-0.1505+0.0950i	0.1128-0.0642i
52.9	0.3868+0.6159i	-0.0035+0.2041i	0.7396-0.6561i	0.4195+0.5566i	-0.2281+0.0677i	-1.4366+0.1165i	-0.1919+0.1141i	0.0351-0.0549i
53.0	0.3928+0.6137i	0.0668+0.2222i	0.7009-0.7018i	0.4451+0.5560i	-0.2011+0.1049i	-1.4109+0.1947i	-0.1906+0.1366i	0.0325-0.0409i
53.1	0.4075+0.5919i	0.0452+0.1531i	0.6341-0.7099i	0.4532+0.5248i	-0.2169+0.0551i	-1.3346+0.2910i	-0.1910+0.0999i	0.0172-0.0645i
53.2	0.4247+0.5762i	0.0062+0.1150i	0.5700-0.6728i	0.4665+0.4866i	-0.2488+0.0410i	-1.2572+0.2836i	-0.1911+0.0868i	0.0252-0.0538i
53.3	0.4336+0.5570i	-0.0250+0.1621i	0.4967-0.6260i	0.4718+0.4767i	-0.2725+0.1202i	-1.0860+0.2266i	-0.2168+0.1174i	0.0063-0.0341i
53.4	0.4255+0.5262i	0.0252+0.3217i	0.4992-0.5482i	0.4612+0.4927i	-0.2362+0.2411i	-1.0955+0.0600i	-0.2272+0.1379i	0.0141+0.0087i
53.5	0.4232+0.4826i	0.1423+0.3276i	0.5077-0.5461i	0.4787+0.4476i	-0.1497+0.2466i	-1.1726+0.0065i	-0.1836+0.1576i	0.0523+0.0100i
53.6	0.3975+0.4790i	0.1677+0.2260i	0.4384-0.4839i	0.4585+0.4061i	-0.1036+0.1912i	-1.1615-0.0749i	-0.0944+0.1495i	0.0845-0.0084i
53.7	0.3869+0.5115i	0.1400+0.2611i	0.4608-0.4089i	0.4473+0.4484i	-0.1228+0.2107i	-1.1528-0.0654i	-0.1200+0.1172i	0.0841-0.0121i
53.8	0.4088+0.5193i	0.1564+0.2724i	0.4708-0.3662i	0.4796+0.4496i	-0.1032+0.2256i	-1.0935-0.1196i	-0.1726+0.1036i	0.0541-0.0049i
53.9	0.4278+0.5030i	0.2146+0.2683i	0.4929-0.3213i	0.5053+0.4191i	-0.0749+0.2445i	-1.1246-0.2037i	-0.1812+0.1034i	0.0758-0.0153i
54.0	0.4382+0.4988i	0.2580+0.2348i	0.5368-0.2774i	0.5122+0.4000i	-0.0360+0.2374i	-1.2060-0.2343i	-0.1640+0.0947i	0.1337-0.0236i
54.1	0.4542+0.4853i	0.2082+0.1522i	0.6102-0.2785i	0.5044+0.3659i	-0.0608+0.1863i	-1.3055-0.2530i	-0.1763+0.0802i	0.1387-0.0616i
54.2	0.5081+0.4560i	0.0726+0.1615i	0.6452-0.3342i	0.4955+0.3464i	-0.1165+0.2032i	-1.3984-0.1919i	-0.1601+0.0822i	0.1173-0.1526i
54.3	0.5020+0.4105i	0.1698+0.3348i	0.6124-0.3292i	0.5180+0.3638i	-0.0662+0.3354i	-1.3709-0.1911i	-0.1886+0.1486i	0.0955-0.1003i
54.4	0.4804+0.3739i	0.1615+0.3438i	0.6126-0.3090i	0.4971+0.3283i	-0.0546+0.3314i	-1.3999-0.1573i	-0.2266+0.1618i	0.0449-0.0908i
54.5	0.4700+0.3455i	0.2119+0.3311i	0.6416-0.3188i	0.5010+0.3056i	-0.0263+0.3194i	-1.4270-0.1014i	-0.2287+0.1414i	0.0273-0.1028i
54.6	0.4671+0.3326i	0.2660+0.3104i	0.6471-0.3354i	0.5147+0.2984i	0.0218+0.3198i	-1.3910-0.0502i	-0.2286+0.1406i	0.0328-0.0861i
54.7	0.4611+0.3196i	0.2828+0.3729i	0.6173-0.3232i	0.5089+0.3137i	0.0268+0.3426i	-1.3526-0.0709i	-0.2480+0.1605i	0.0378-0.0385i
54.8	0.4525+0.2996i	0.3651+0.4077i	0.6509-0.2839i	0.5167+0.3034i	0.0871+0.3574i	-1.4196-0.1176i	-0.2486+0.1558i	0.0601-0.0397i
54.9	0.4321+0.2882i	0.4865+0.3610i	0.6831-0.2786i	0.5322+0.2978i	0.1755+0.3221i	-1.4556-0.0803i	-0.2371+0.1141i	0.0879-0.0837i
55.0	0.4141+0.2752i	0.5692+0.2958i	0.6894-0.2749i	0.5507+0.2757i	0.2286+0.2618i	-1.4332-0.0457i	-0.2353+0.1115i	0.0895-0.1083i
55.1	0.3941+0.2659i	0.5806+0.2537i	0.6809-0.2639i	0.5524+0.2524i	0.2278+0.2583i	-1.3923-0.0498i	-0.2975+0.1430i	0.0205-0.1032i
55.2	0.3757+0.2655i	0.6099+0.1292i	0.6938-0.2785i	0.5508+0.2168i	0.2568+0.1794i	-1.3878-0.0390i	-0.3078+0.1485i	0.0219-0.1113i
55.3	0.3823+0.2784i	0.5628+0.0312i	0.6965-0.2722i	0.5489+0.1995i	0.2083+0.0818i	-1.3987-0.0356i	-0.3640+0.0928i	0.0051-0.1177i
55.4	0.3809+0.2792i	0.4426-0.0090i	0.7102-0.2776i	0.5091+0.1736i	0.1076+0.0566i	-1.4252-0.0253i	-0.3981+0.1514i	-0.0194-0.1115i
55.5	0.3882+0.2603i	0.3855+0.1245i	0.7004-0.2759i	0.4714+0.2046i	0.0508+0.1220i	-1.4107+0.0474i	-0.4059+0.1464i	-0.0776-0.1458i
55.6	0.3793+0.2426i	0.5152+0.1727i	0.6946-0.2767i	0.4941+0.2166i	0.1366+0.1730i	-1.4320+0.0682i	-0.3527+0.1439i	-0.0424-0.1303i
55.7	0.3603+0.2365i	0.5802+0.1206i	0.6766-0.2857i	0.5020+0.1966i	0.1721+0.1776i	-1.4117+0.0274i	-0.3634+0.1385i	-0.0205-0.0762i
55.8	0.3565+0.2284i	0.5665+0.0804i	0.6891-0.2589i	0.5051+0.1913i	0.1394+0.1588i	-1.3467+0.0364i	-0.4057+0.1150i	-0.0522-0.0903i
55.9	0.3509+0.2285i	0.5808+0.0299i	0.6889-0.2218i	0.5192+0.1830i	0.1383+0.1481i	-1.2976+0.0394i	-0.4474+0.1698i	-0.0633-0.1113i
56.0	0.3449+0.2291i	0.5908+0.0412i	0.6810-0.1916i	0.5211+0.1896i	0.1387+0.1761i	-1.2954+0.0013i	-0.4828+0.1816i	-0.0774-0.0993i

56.1	0.3509+0.2055i	0.6253+0.0063i	0.7221−0.1787i	0.5260+0.1677i	0.1574+0.1575i	−1.4056+0.0078i	−0.4576+0.1477i	−0.0793−0.1051i
56.2	0.3457+0.1949i	0.6196−0.0543i	0.7445−0.1718i	0.5375+0.1400i	0.1511+0.1528i	−1.3876+0.0320i	−0.4947+0.1813i	−0.0973−0.1343i
56.3	0.3221+0.1869i	0.6284−0.0697i	0.7769−0.1674i	0.5414+0.1330i	0.1562+0.1745i	−1.3392+0.0486i	−0.5138+0.1765i	−0.1397−0.1500i
56.4	0.3103+0.1903i	0.5944−0.1007i	0.7823−0.1775i	0.5348+0.1158i	0.1683+0.1775i	−1.3008+0.0001i	−0.5534+0.2039i	−0.1870−0.1149i
56.5	0.3009+0.2037i	0.5834−0.1503i	0.7738−0.1648i	0.5249+0.1053i	0.1840+0.1413i	−1.3065−0.0129i	−0.5514+0.1865i	−0.1429−0.1277i
56.6	0.2895+0.2183i	0.6187−0.1612i	0.7748−0.1549i	0.5331+0.1159i	0.2102+0.1362i	−1.3301+0.0105i	−0.5560+0.2690i	−0.1151−0.1082i
56.7	0.2828+0.2030i	0.6193−0.1489i	0.7909−0.1263i	0.5418+0.1073i	0.2082+0.1651i	−1.3153−0.0501i	−0.5985+0.3233i	−0.1510−0.0483i
56.8	0.2758+0.1949i	0.6315−0.1751i	0.8014−0.0887i	0.5473+0.0903i	0.2190+0.1611i	−1.3195−0.0667i	−0.6141+0.3538i	−0.1776−0.0276i
56.9	0.2606+0.1887i	0.6413−0.2094i	0.8231−0.0910i	0.5429+0.0580i	0.2351+0.1606i	−1.3021−0.0999i	−0.6920+0.3397i	−0.2416−0.0608i
57.0	0.2616+0.2120i	0.6545−0.2485i	0.8313−0.0864i	0.5442+0.0417i	0.2676+0.1474i	−1.3259−0.1539i	−0.6970+0.3641i	−0.2099−0.0414i
57.1	0.2629+0.2088i	0.6709−0.2817i	0.8593−0.0520i	0.5393+0.0075i	0.3007+0.1482i	−1.3891−0.2335i	−0.6926+0.4238i	−0.1592−0.0338i
57.2	0.2729+0.1841i	0.6649−0.3484i	0.9491−0.0326i	0.5546−0.0125i	0.2872+0.1082i	−1.4777−0.2168i	−0.7873+0.3888i	−0.1970−0.0617i
57.3	0.2456+0.1867i	0.6313−0.3910i	0.9795−0.0414i	0.5319−0.0236i	0.2812+0.0871i	−1.4899−0.1817i	−0.8153+0.4270i	−0.2452−0.0716i
57.4	0.2291+0.1909i	0.6328−0.4178i	1.0062−0.0501i	0.5033−0.0316i	0.2985+0.0615i	−1.5725−0.1631i	−0.9177+0.4942i	−0.3279−0.0259i
57.5	0.2297+0.1960i	0.5964−0.4641i	1.0464−0.0604i	0.4861−0.0458i	0.3065+0.0397i	−1.6327−0.1326i	−0.9189+0.6618i	−0.3394−0.0131i
57.6	0.2094+0.2028i	0.5579−0.4519i	1.0772−0.0624i	0.4650−0.0337i	0.3008+0.0468i	−1.6379−0.1088i	−0.9287+0.7891i	−0.3815+0.0433i
57.7	0.2019+0.2275i	0.5330−0.4735i	1.0970−0.0928i	0.4469−0.0322i	0.2954+0.0539i	−1.6319−0.0929i	−0.8739+0.9140i	−0.3705+0.1148i
57.8	0.2046+0.2240i	0.5418−0.4968i	1.1557−0.1062i	0.4547−0.0326i	0.2871+0.0238i	−1.6752−0.0802i	−0.9189+0.8965i	−0.4161+0.1195i
57.9	0.2047+0.2285i	0.5127−0.5317i	1.1736−0.1542i	0.4571−0.0348i	0.2797−0.0057i	−1.7118−0.0497i	−0.9610+1.0332i	−0.4481+0.1707i
58.0	0.2191+0.2253i	0.4735−0.5285i	1.1770−0.1747i	0.4568−0.0502i	0.2677+0.0064i	−1.7487−0.0348i	−0.8587+1.2283i	−0.4179+0.3103i
58.1	0.2206+0.2248i	0.4870−0.4832i	1.1812−0.1722i	0.4464−0.0384i	0.2915+0.0476i	−1.7656−0.0563i	−0.6950+1.3088i	−0.3204+0.3913i
58.2	0.2033+0.2368i	0.6152−0.5335i	1.2305−0.1982i	0.4695−0.0355i	0.3870+0.0251i	−1.8531−0.0088i	−0.6435+1.3316i	−0.2015+0.3618i
58.3	0.1944+0.2458i	0.5895−0.7043i	1.2369−0.2437i	0.4659−0.0793i	0.3888−0.1005i	−1.8570+0.0553i	−0.7877+1.3920i	−0.3480+0.3550i
58.4	0.1951+0.2526i	0.5225−0.7725i	1.2579−0.2649i	0.4666−0.0875i	0.3118−0.1338i	−1.7954+0.0844i	−0.7879+1.5832i	−0.4231+0.4438i
58.5	0.2021+0.2424i	0.4615−0.8032i	1.2721−0.2855i	0.4721−0.1108i	0.2717−0.1243i	−1.7944+0.0964i	−0.5737+1.7218i	−0.3201+0.4772i
58.6	0.1999+0.2430i	0.3846−0.8320i	1.2960−0.3156i	0.4522−0.1122i	0.2361−0.1324i	−1.8646+0.1391i	−0.5078+1.8371i	−0.3189+0.5951i
58.7	0.1981+0.2442i	0.3097−0.8733i	1.3139−0.3656i	0.4463−0.1296i	0.1894−0.1532i	−1.8748+0.2150i	−0.3441+1.9123i	−0.2794+0.6740i
58.8	0.1969+0.2366i	0.2306−0.8953i	1.3357−0.4126i	0.4355−0.1475i	0.1576−0.1557i	−1.9273+0.3092i	−0.1784+2.0349i	−0.2275+0.7487i
58.9	0.2044+0.2384i	0.1435−0.8807i	1.3255−0.4559i	0.4158−0.1536i	0.1563−0.1403i	−1.9394+0.3599i	0.0596+2.0747i	−0.0886+0.8036i
59.0	0.2108+0.2350i	0.0798−0.8784i	1.2917−0.5160i	0.4076−0.1795i	0.1652−0.1100i	−1.8634+0.4045i	0.3274+2.1481i	0.0700+0.8590i
59.1	0.2080+0.2260i	0.0096−0.8662i	1.2454−0.5731i	0.3935−0.1844i	0.1700−0.0885i	−1.7891+0.4734i	0.6288+2.1771i	0.2492+0.8896i
59.2	0.1993+0.2000i	−0.0763−0.7804i	1.2092−0.6107i	0.3760−0.1925i	0.1441−0.0758i	−1.7596+0.5412i	0.7987+2.0039i	0.3427+0.8807i
59.3	0.1929+0.1852i	−0.1117−0.7129i	1.1546−0.6367i	0.3618−0.2144i	0.1461−0.0710i	−1.6715+0.5927i	0.9625+1.8296i	0.4728+0.8240i
59.4	0.1633+0.1837i	−0.1320−0.6741i	1.0708−0.6366i	0.3321−0.2453i	0.1793−0.0501i	−1.5489+0.5832i	1.1482+1.5909i	0.6165+0.6614i
59.5	0.1393+0.1617i	−0.1449−0.5898i	1.0083−0.6111i	0.2985−0.2360i	0.1813−0.0411i	−1.4725+0.5621i	1.2098+1.3563i	0.6712+0.5216i
59.6	0.1125+0.1576i	−0.1194−0.5068i	0.9583−0.5290i	0.2716−0.2185i	0.1769−0.0381i	−1.4013+0.4319i	1.1264+1.0946i	0.6525+0.3852i
59.7	0.0843+0.1763i	−0.0808−0.4898i	0.9551−0.4646i	0.2605−0.2084i	0.1785−0.0627i	−1.3699+0.3240i	1.0043+1.0019i	0.6023+0.3661i
59.8	0.0487+0.1915i	−0.0336−0.4746i	0.9693−0.3902i	0.2439−0.1883i	0.2116−0.0678i	−1.4509+0.2503i	0.8382+0.9545i	0.4977+0.3431i
59.9	0.0336+0.2053i	−0.0122−0.4738i	0.9924−0.3129i	0.2459−0.1658i	0.2387−0.0683i	−1.5622+0.1670i	0.8259+0.9162i	0.5599+0.2269i
60.0	0.0352+0.2365i	0.0246−0.4769i	1.0017−0.2714i	0.2636−0.1410i	0.2056−0.0704i	−1.5816+0.1569i	0.9431+1.0242i	0.6720+0.2566i
60.1	0.0114+0.2689i	0.0394−0.4864i	1.0668−0.2442i	0.2398−0.1298i	0.2124−0.0962i	−1.6657+0.0893i	0.8134+0.9384i	0.6081+0.2002i
60.2	−0.0039+0.2801i	0.0410−0.5000i	1.1378−0.2310i	0.2283−0.1394i	0.2344−0.1223i	−1.7515+0.0738i	0.7247+0.8364i	0.5489+0.1791i
60.3	−0.0221+0.2953i	0.0494−0.5259i	1.1826−0.2070i	0.2233−0.1358i	0.2386−0.1312i	−1.8284+0.0744i	0.6804+0.8472i	0.5152+0.1435i
60.4	−0.0168+0.3302i	0.0391−0.5677i	1.2310−0.2107i	0.2133−0.1388i	0.2086−0.1568i	−1.9057+0.1074i	0.6626+0.8896i	0.5252+0.1226i
60.5	−0.0150+0.3595i	0.0236−0.5932i	1.2815−0.2043i	0.2034−0.1344i	0.1906−0.1785i	−1.9680+0.1351i	0.7113+0.8980i	0.5592+0.0947i
60.6	−0.0224+0.3965i	−0.0064−0.6032i	1.3556−0.2095i	0.1797−0.1350i	0.1601−0.1784i	−2.0599+0.1128i	0.7026+0.8823i	0.5139+0.0880i
60.7	−0.0039+0.4338i	−0.0503−0.6266i	1.4047−0.2233i	0.1634−0.1152i	0.1191−0.1809i	−2.1479+0.1541i	0.7466+0.8862i	0.5463+0.0584i
60.8	0.0260+0.4341i	−0.1207−0.6213i	1.4418−0.2655i	0.1601−0.1006i	0.0689−0.1432i	−2.1842+0.2883i	0.8524+0.9712i	0.6916+0.0841i
60.9	0.0202+0.4267i	−0.1398−0.5937i	1.4907−0.3023i	0.1610−0.0858i	0.0578−0.0862i	−2.2131+0.3853i	0.8292+0.9549i	0.6265+0.0734i
61.0	0.0175+0.4285i	−0.1576−0.5580i	1.5417−0.3383i	0.1634−0.0748i	0.0926−0.0701i	−2.2834+0.4292i	0.8429+0.8904i	0.5844+0.0047i
61.1	0.0015+0.4216i	−0.1514−0.4944i	1.5796−0.3697i	0.1793−0.0614i	0.1428−0.0408i	−2.3243+0.5040i	0.8629+0.7905i	0.5794−0.1109i
61.2	−0.0035+0.4283i	−0.1581−0.4819i	1.5997−0.4011i	0.1863−0.0531i	0.1557−0.0487i	−2.3034+0.6118i	0.8662+0.7728i	0.5354−0.1347i
61.3	−0.0158+0.4633i	−0.1329−0.4823i	1.6712−0.4542i	0.2033−0.0550i	0.1991−0.0344i	−2.3963+0.7062i	0.8469+0.7415i	0.4630−0.1932i
61.4	−0.0155+0.4805i	−0.1232−0.4719i	1.6897−0.4863i	0.2089−0.0552i	0.2120−0.0349i	−2.4203+0.7475i	0.8622+0.6840i	0.4657−0.2957i
61.5	−0.0177+0.5090i	−0.1177−0.4654i	1.7043−0.5295i	0.2270−0.0423i	0.2136−0.0250i	−2.3481+0.8293i	0.8012+0.7292i	0.3644−0.1885i
61.6	−0.0104+0.5319i	−0.1095−0.4516i	1.7009−0.5851i	0.2394−0.0341i	0.2275−0.0398i	−2.3316+0.9405i	0.7997+0.6943i	0.3168−0.2531i
61.7	−0.0096+0.5564i	−0.1077−0.4484i	1.7086−0.6232i	0.2423−0.0381i	0.2877−0.0498i	−2.3200+0.9582i	0.8278+0.7029i	0.4019−0.2428i
61.8	−0.0081+0.5776i	−0.0928−0.4616i	1.7213−0.6728i	0.2619−0.0491i	0.3257−0.0780i	−2.2968+1.0645i	0.7653+0.7022i	0.2715−0.2626i
61.9	0.0079+0.5996i	−0.1137−0.4557i	1.7032−0.7036i	0.2681−0.0585i	0.2988−0.1053i	−2.2630+1.1752i	0.7961+0.7221i	0.2731−0.2983i
62.0	0.0266+0.6361i	−0.1309−0.4591i	1.6864−0.7023i	0.2575−0.0541i	0.3125−0.1338i	−2.2285+1.1496i	0.8512+0.7468i	0.3118−0.2787i
62.1	0.0413+0.6570i	−0.1136−0.4671i	1.6995−0.7456i	0.2695−0.0801i	0.3391−0.1512i	−2.2150+1.2033i	0.8571+0.7084i	0.2491−0.3392i
62.2	0.0670+0.6717i	−0.1107−0.4669i	1.6828−0.7677i	0.2818−0.0764i	0.3511−0.1828i	−2.1932+1.2362i	0.8471+0.7075i	0.2072−0.3074i
62.3	0.0790+0.6834i	−0.0964−0.4714i	1.7042−0.7772i	0.2867−0.0930i	0.3234−0.2456i	−2.1711+1.3122i	0.8689+0.7241i	0.1822−0.3621i

62.4	0.0838+0.6892i	-0.0976-0.4706i	1.7061-0.7889i	0.2816-0.1157i	0.2880-0.2561i	-2.1196+1.3827i	0.8996+0.7176i	0.1161-0.4005i
62.5	0.1094+0.7167i	-0.1272-0.4876i	1.7045-0.8102i	0.2783-0.1191i	0.3044-0.2454i	-2.0639+1.3418i	0.9100+0.7428i	0.1341-0.2712i
62.6	0.1348+0.7143i	-0.1270-0.4840i	1.7288-0.8208i	0.2976-0.1477i	0.2907-0.2517i	-2.0492+1.3383i	0.9152+0.7312i	0.1667-0.2815i
62.7	0.1298+0.7200i	-0.1116-0.5030i	1.7718-0.8588i	0.2841-0.1850i	0.2717-0.2907i	-2.0929+1.4266i	0.9267+0.7686i	0.0996-0.3450i
62.8	0.1194+0.7443i	-0.1235-0.5173i	1.8016-0.8733i	0.2700-0.1999i	0.2821-0.3104i	-2.0785+1.4540i	0.9820+0.8276i	0.1525-0.2720i
62.9	0.1509+0.7586i	-0.1361-0.5067i	1.8005-0.8876i	0.2694-0.2000i	0.2529-0.2793i	-1.9757+1.4527i	1.0544+0.7960i	0.1677-0.3212i
63.0	0.1668+0.7794i	-0.1392-0.5181i	1.8330-0.9212i	0.2532-0.2240i	0.2363-0.3080i	-1.9932+1.5031i	1.0793+0.7954i	0.0846-0.3351i
63.1	0.1847+0.8047i	-0.1541-0.5449i	1.8880-0.9829i	0.2243-0.2716i	0.2313-0.3299i	-2.0089+1.5610i	1.1443+0.8219i	0.0660-0.3395i
63.2	0.2105+0.8042i	-0.1808-0.5350i	1.9034-0.9917i	0.1922-0.2873i	0.2351-0.3343i	-1.9859+1.5409i	1.2051+0.8092i	0.1138-0.3089i
63.3	0.2495+0.8154i	-0.1964-0.5272i	1.9223-1.0349i	0.1676-0.2991i	0.2267-0.3361i	-1.9914+1.5464i	1.2789+0.7777i	0.1360-0.3927i
63.4	0.2650+0.8207i	-0.1857-0.5344i	1.9404-1.0759i	0.1474-0.2957i	0.2324-0.3205i	-1.9564+1.6004i	1.2641+0.7314i	0.0010-0.3021i
63.5	0.2930+0.8196i	-0.1980-0.5379i	1.9672-1.1490i	0.1085-0.3051i	0.2618-0.3344i	-1.9616+1.6263i	1.3211+0.6984i	0.0262-0.2701i
63.6	0.3382+0.8192i	-0.2416-0.5319i	1.9590-1.2262i	0.0540-0.3167i	0.2644-0.3636i	-1.9737+1.6974i	1.4570+0.7241i	0.1732-0.4504i
63.7	0.3546+0.8117i	-0.2526-0.5428i	1.9669-1.2987i	0.0180-0.3236i	0.2507-0.3610i	-1.9721+1.7553i	1.4794+0.6954i	0.0923-0.4495i
63.8	0.3635+0.7890i	-0.2728-0.5315i	1.9733-1.3032i	-0.0155-0.3066i	0.2453-0.3832i	-1.9294+1.7738i	1.5301+0.6582i	0.0199-0.4321i
63.9	0.3674+0.7693i	-0.2662-0.5219i	2.0096-1.3516i	-0.0407-0.2896i	0.2560-0.4203i	-1.9479+1.8103i	1.5570+0.5900i	-0.1117-0.4018i
64.0	0.3770+0.7622i	-0.2786-0.5155i	2.0513-1.3865i	-0.0689-0.2894i	0.2854-0.4257i	-1.9317+1.8257i	1.6426+0.5236i	-0.1640-0.4054i
64.1	0.3738+0.7580i	-0.2944-0.5094i	2.0984-1.4411i	-0.0952-0.2804i	0.2785-0.4725i	-1.9554+1.8987i	1.6990+0.4943i	-0.1921-0.4851i
64.2	0.3691+0.7559i	-0.3033-0.5204i	2.1167-1.5103i	-0.1250-0.2635i	0.2492-0.5254i	-1.9250+1.9932i	1.7194+0.4630i	-0.2714-0.3679i
64.3	0.3675+0.7650i	-0.3114-0.5138i	2.0808-1.5432i	-0.1602-0.2126i	0.2200-0.5535i	-1.8314+2.0689i	1.7721+0.3727i	-0.4900-0.2682i
64.4	0.3636+0.7426i	-0.3345-0.4902i	2.1344-1.5838i	-0.1870-0.2157i	0.2252-0.5791i	-1.8929+2.0544i	1.8406+0.3375i	-0.3872-0.4252i
64.5	0.3483+0.7576i	-0.3556-0.5042i	2.1934-1.6942i	-0.2083-0.2024i	0.2051-0.6121i	-1.8814+2.1598i	1.8727+0.3199i	-0.2899-0.3228i
64.6	0.3257+0.7675i	-0.3504-0.4886i	2.2172-1.7406i	-0.2285-0.1758i	0.1705-0.6556i	-1.8585+2.1838i	1.9130+0.2573i	-0.3604-0.2829i
64.7	0.3067+0.7794i	-0.3661-0.4726i	2.2252-1.8397i	-0.2785-0.1580i	0.1354-0.7243i	-1.8755+2.2947i	2.0512+0.2342i	-0.4313-0.4529i
64.8	0.3150+0.8040i	-0.4005-0.4464i	2.2024-1.9502i	-0.3068-0.1081i	0.0679-0.7558i	-1.7432+2.4124i	2.1808+0.1027i	-0.4538-0.3550i
64.9	0.2932+0.8450i	-0.3956-0.4596i	2.2116-2.0578i	-0.3333-0.0680i	0.0325-0.7783i	-1.7277+2.4847i	2.1525+0.0134i	-0.5979-0.2012i
65.0	0.2907+0.8660i	-0.4041-0.4457i	2.2956-2.1942i	-0.3654-0.0368i	-0.0034-0.8212i	-1.7631+2.5711i	2.1608-0.1405i	-0.6199-0.0241i
65.1	0.3097+0.8919i	-0.4175-0.4289i	2.2617-2.3282i	-0.3900+0.0211i	-0.0581-0.7944i	-1.6224+2.6528i	2.2536-0.2934i	-0.7064+0.0560i
65.2	0.3282+0.9296i	-0.4374-0.4082i	2.1915-2.4353i	-0.4014+0.0834i	-0.1129-0.8178i	-1.4857+2.7239i	2.3038-0.4226i	-0.6853+0.0974i
65.3	0.3104+0.9657i	-0.4359-0.3953i	2.2050-2.5625i	-0.3972+0.1439i	-0.2098-0.8318i	-1.4155+2.7959i	2.3046-0.5571i	-0.6656+0.2035i
65.4	0.2974+0.9972i	-0.4176-0.3694i	2.1774-2.7182i	-0.4088+0.1905i	-0.2519-0.8534i	-1.3695+2.8441i	2.3240-0.6817i	-0.6552+0.1852i
65.5	0.2822+1.0104i	-0.3899-0.3533i	2.0997-2.8896i	-0.4034+0.2336i	-0.3038-0.8448i	-1.3371+2.9116i	2.1918-0.8054i	-0.5759+0.3323i
65.6	0.2872+1.0509i	-0.3823-0.3492i	2.0563-2.9775i	-0.3632+0.2737i	-0.3581-0.7938i	-1.2654+2.8652i	2.0579-0.9273i	-0.4800+0.4955i
65.7	0.3268+1.1064i	-0.3909-0.3478i	1.9163-3.0923i	-0.3294+0.3291i	-0.4627-0.7662i	-1.0623+2.9166i	1.9682-1.1048i	-0.4618+0.6410i
65.8	0.3616+1.1832i	-0.4062-0.3418i	1.7432-3.2820i	-0.3357+0.3817i	-0.5543-0.7487i	-0.8978+3.0113i	1.9679-1.2146i	-0.3098+0.6030i
65.9	0.3632+1.2104i	-0.3996-0.3445i	1.6734-3.3712i	-0.3219+0.4081i	-0.5962-0.7195i	-0.8505+2.9960i	1.8922-1.2590i	-0.1512+0.6623i
66.0	0.3864+1.2665i	-0.3832-0.3481i	1.5383-3.5560i	-0.3094+0.4344i	-0.6343-0.6674i	-0.7522+3.0554i	1.8310-1.4173i	-0.2268+0.7847i
66.1	0.4495+1.3257i	-0.3899-0.3267i	1.3202-3.6365i	-0.2804+0.4893i	-0.6860-0.5996i	-0.5212+2.9872i	1.7939-1.5871i	-0.1018+0.6717i
66.2	0.4812+1.3658i	-0.3814-0.3215i	1.1615-3.7017i	-0.2579+0.5393i	-0.7038-0.5208i	-0.4008+2.9889i	1.6540-1.7527i	-0.0109+0.7579i
66.3	0.5324+1.4232i	-0.3659-0.3288i	0.9810-3.6962i	-0.2122+0.5718i	-0.6693-0.4478i	-0.3415+2.9017i	1.4722-1.7862i	0.0641+0.7578i
66.4	0.6186+1.5026i	-0.3631-0.3381i	0.7494-3.6279i	-0.1604+0.6253i	-0.7201-0.3709i	-0.1947+2.8527i	1.2879-1.8251i	0.1294+0.7405i
66.5	0.6842+1.5841i	-0.3681-0.3396i	0.5727-3.7235i	-0.1501+0.6491i	-0.7159-0.3559i	-0.1244+2.8685i	1.2029-1.8771i	0.1830+0.6245i
66.6	0.7487+1.6387i	-0.3554-0.3475i	0.3741-3.8222i	-0.1443+0.6838i	-0.7520-0.3432i	-0.0736+2.9171i	1.0780-1.9305i	0.2089+0.6231i
66.7	0.8611+1.6488i	-0.3625-0.3632i	0.2122-3.7868i	-0.0902+0.7014i	-0.7833-0.3205i	0.0476+2.8521i	0.9176-1.9388i	0.3248+0.6639i
66.8	0.9789+1.6839i	-0.3704-0.3841i	0.0952-3.7401i	-0.0475+0.7331i	-0.7539-0.2860i	0.0724+2.8017i	0.8393-1.9782i	0.2805+0.6609i
66.9	1.0975+1.6986i	-0.4023-0.3959i	-0.0632-3.7102i	-0.0195+0.7457i	-0.7343-0.2263i	0.2022+2.7753i	0.7488-1.9165i	0.4363+0.6026i
67.0	1.2412+1.6503i	-0.4254-0.3929i	-0.2097-3.5855i	0.0539+0.7543i	-0.7547-0.1693i	0.2574+2.6585i	0.6158-1.9143i	0.4682+0.5429i
67.1	1.3472+1.6308i	-0.4399-0.4065i	-0.3368-3.5345i	0.0893+0.7762i	-0.7725-0.1494i	0.3270+2.6329i	0.5245-1.9442i	0.4787+0.5566i
67.2	1.4201+1.6266i	-0.4523-0.4084i	-0.4717-3.5413i	0.0971+0.7974i	-0.7860-0.1172i	0.3634+2.6742i	0.4561-1.9617i	0.4616+0.4975i
67.3	1.5372+1.5660i	-0.4887-0.3992i	-0.5866-3.5017i	0.1410+0.8009i	-0.7758-0.0905i	0.3932+2.5973i	0.3766-1.9955i	0.4321+0.4427i
67.4	1.6071+1.4920i	-0.4974-0.3963i	-0.7018-3.4234i	0.1782+0.8021i	-0.7798-0.0617i	0.4532+2.5429i	0.2477-1.9844i	0.4564+0.4558i
67.5	1.6518+1.4214i	-0.4972-0.3757i	-0.7720-3.3307i	0.2131+0.8050i	-0.7628-0.0400i	0.4625+2.4740i	0.1464-2.0204i	0.4192+0.4867i
67.6	1.7565+1.3644i	-0.5446-0.3540i	-0.9058-3.1778i	0.2706+0.8445i	-0.7664+0.0228i	0.6030+2.3527i	0.0361-1.9498i	0.5159+0.3869i
67.7	1.8411+1.2528i	-0.5645-0.3105i	-1.0078-3.0186i	0.3406+0.8480i	-0.7595+0.0786i	0.6927+2.1941i	-0.0949-1.8577i	0.6055+0.2408i
67.8	1.8594+1.1816i	-0.5626-0.2965i	-1.0426-2.9572i	0.3618+0.8236i	-0.7225+0.1027i	0.6670+2.1750i	-0.2132-1.7975i	0.5981+0.2584i
67.9	1.8822+1.1448i	-0.5701-0.2948i	-1.1279-2.9466i	0.3673+0.8188i	-0.7126+0.1256i	0.6907+2.1896i	-0.2605-1.7563i	0.5684+0.2400i
68.0	1.8729+1.0778i	-0.5595-0.2690i	-1.1034-2.8787i	0.4065+0.7891i	-0.6911+0.1498i	0.6374+2.0987i	-0.3374-1.6691i	0.5288+0.2148i
68.1	1.9260+0.9969i	-0.5705-0.2373i	-1.1826-2.7579i	0.4614+0.7938i	-0.6691+0.1616i	0.7047+2.0032i	-0.3915-1.5759i	0.5629+0.1282i
68.2	1.9681+0.9156i	-0.5734-0.2031i	-1.2475-2.6495i	0.5269+0.7780i	-0.6272+0.2157i	0.7285+1.9182i	-0.5014-1.5417i	0.5386+0.1791i
68.3	1.9931+0.8901i	-0.5695-0.1929i	-1.3262-2.6273i	0.5380+0.7928i	-0.6263+0.2372i	0.7414+1.9392i	-0.5274-1.5913i	0.4666+0.2470i
68.4	2.0052+0.8401i	-0.5661-0.1897i	-1.3528-2.5401i	0.5726+0.7827i	-0.6061+0.2495i	0.7424+1.8884i	-0.5846-1.6161i	0.4586+0.3344i
68.5	2.0475+0.7736i	-0.5822-0.1757i	-1.4239-2.3997i	0.6121+0.7672i	-0.5989+0.2645i	0.8238+1.7800i	-0.6979-1.5741i	0.5821+0.3173i
68.6	2.0809+0.7109i	-0.5899-0.1494i	-1.4979-2.3167i	0.6461+0.7694i	-0.5830+0.2762i	0.8920+1.7148i	-0.8307-1.4737i	0.6803+0.2620i

68.7	2.0771+0.6562i	-0.5782-0.1231i	-1.4850-2.2635i	0.6820+0.7662i	-0.5660+0.2894i	0.8400+1.6455i	-0.8125-1.4095i	0.6228+0.1970i
68.8	2.0605+0.5726i	-0.5676-0.0931i	-1.4840-2.1451i	0.7062+0.7419i	-0.5503+0.2978i	0.7909+1.5305i	-0.8551-1.3179i	0.6124+0.1520i
68.9	2.0483+0.5258i	-0.5503-0.0780i	-1.4703-2.0959i	0.7161+0.7297i	-0.5399+0.3175i	0.7339+1.4869i	-0.8554-1.2677i	0.5703+0.1283i
69.0	2.0558+0.5089i	-0.5339-0.0660i	-1.4755-2.0322i	0.7592+0.7376i	-0.5179+0.3406i	0.7170+1.4412i	-0.9917-1.2632i	0.6298+0.1783i
69.1	2.0559+0.4712i	-0.5153-0.0545i	-1.5050-1.9311i	0.8139+0.7186i	-0.5133+0.3401i	0.7177+1.3991i	-1.1236-1.1787i	0.6887+0.2165i
69.2	2.0610+0.4267i	-0.5090-0.0444i	-1.5475-1.9063i	0.8303+0.6866i	-0.5113+0.3488i	0.7479+1.3943i	-1.1844-1.0493i	0.8137+0.1761i
69.3	2.0289+0.3765i	-0.4918-0.0243i	-1.5183-1.8223i	0.8451+0.6589i	-0.4786+0.3472i	0.7261+1.3548i	-1.2393-0.9280i	0.8599+0.1097i
69.4	2.0220+0.3633i	-0.4711-0.0294i	-1.4953-1.7457i	0.8812+0.6370i	-0.4652+0.3821i	0.6902+1.2985i	-1.3147-0.7588i	0.9549+0.0497i
69.5	2.0150+0.3381i	-0.4431-0.0403i	-1.4691-1.6825i	0.9093+0.6042i	-0.4750+0.4038i	0.6267+1.2648i	-1.2964-0.5618i	0.9802-0.0609i
69.6	1.9892+0.2691i	-0.4078-0.0375i	-1.4394-1.6154i	0.9238+0.5408i	-0.4508+0.4098i	0.5568+1.2441i	-1.2305-0.3575i	0.9362-0.1801i
69.7	1.9992+0.3098i	-0.4055-0.0509i	-1.4677-1.5758i	0.9362+0.5695i	-0.4542+0.4179i	0.5917+1.2613i	-1.0747-0.3074i	0.8258-0.2334i
69.8	2.0272+0.2877i	-0.3993-0.0585i	-1.5171-1.5317i	0.9684+0.5549i	-0.4566+0.4417i	0.6081+1.2379i	-1.1557-0.3159i	0.8226-0.1904i
69.9	2.0345+0.2634i	-0.3943-0.0591i	-1.5052-1.4438i	0.9940+0.5456i	-0.4604+0.4729i	0.6399+1.1919i	-1.0503-0.3339i	0.7624-0.1954i
70.0	2.0466+0.2674i	-0.3871-0.0851i	-1.4809-1.4273i	1.0079+0.5303i	-0.4746+0.4817i	0.6038+1.2034i	-1.0522-0.3467i	0.7865-0.1412i
70.1	2.0723+0.2592i	-0.3950-0.1011i	-1.4646-1.3155i	1.0507+0.5120i	-0.4655+0.5406i	0.6118+1.1336i	-1.0018-0.2188i	0.8331-0.2299i
70.2	2.0830+0.2675i	-0.3865-0.1142i	-1.4148-1.3498i	1.0566+0.5038i	-0.4404+0.5569i	0.5701+1.1374i	-0.9045-0.3111i	0.7365-0.2185i
70.3	2.0888+0.2677i	-0.3927-0.1183i	-1.3917-1.3383i	1.0647+0.4848i	-0.4035+0.5836i	0.5606+1.1420i	-0.9523-0.2470i	0.8237-0.2365i
70.4	2.1541+0.2315i	-0.4188-0.1298i	-1.4436-1.2292i	1.1074+0.4577i	-0.3544+0.6207i	0.6439+1.0774i	-1.0563-0.1466i	0.9419-0.2707i
70.5	2.1864+0.2468i	-0.4274-0.1460i	-1.4526-1.2314i	1.1228+0.4822i	-0.3657+0.6474i	0.6909+1.0758i	-1.0909-0.2577i	0.9417-0.2008i
70.6	2.2138+0.2761i	-0.4380-0.1650i	-1.4803-1.2560i	1.1067+0.5234i	-0.3622+0.6366i	0.6658+1.1282i	-1.1669-0.1237i	1.0215-0.3150i
70.7	2.2604+0.2276i	-0.4479-0.1533i	-1.4493-1.1716i	1.1427+0.5009i	-0.3055+0.6543i	0.6297+1.0579i	-1.1074+0.0390i	1.0088-0.4603i
70.8	2.3020+0.1729i	-0.4546-0.1515i	-1.4057-1.1703i	1.1613+0.4805i	-0.2665+0.6609i	0.5314+1.0498i	-1.0592+0.0919i	0.9453-0.5432i
70.9	2.4025+0.1340i	-0.4696-0.1438i	-1.4135-1.1492i	1.2218+0.4938i	-0.2649+0.6770i	0.5206+0.9977i	-1.1047+0.1176i	0.9558-0.6402i
71.0	2.4576+0.0705i	-0.4816-0.1376i	-1.4197-1.1189i	1.2949+0.4628i	-0.2452+0.6986i	0.5351+0.9586i	-1.0918+0.2106i	0.9464-0.6911i
71.1	2.4474-0.0222i	-0.4868-0.1335i	-1.4313-1.1390i	1.3151+0.3968i	-0.2164+0.6963i	0.5215+0.9937i	-1.1249+0.2409i	0.9101-0.6617i
71.2	2.4988-0.0637i	-0.4870-0.1254i	-1.5199-1.0824i	1.3823+0.3969i	-0.2097+0.7344i	0.6015+0.9103i	-1.1585+0.3038i	0.8944-0.7222i
71.3	2.5393-0.1382i	-0.4793-0.1267i	-1.4890-1.0596i	1.4112+0.3411i	-0.1979+0.7655i	0.5239+0.9080i	-0.9945+0.4447i	0.8084-0.8304i
71.4	2.6048-0.1945i	-0.4937-0.1411i	-1.5045-1.0367i	1.4822+0.3009i	-0.1769+0.8243i	0.5012+0.8833i	-0.9989+0.5004i	0.7999-0.8678i
71.5	2.5778-0.2681i	-0.4997-0.1512i	-1.5376-1.0234i	1.4714+0.2576i	-0.1302+0.8505i	0.4979+0.8858i	-1.0907+0.4965i	0.7802-0.8162i
71.6	2.6139-0.3254i	-0.5149-0.1528i	-1.5893-0.9286i	1.5116+0.2298i	-0.0785+0.8793i	0.5161+0.7928i	-1.0512+0.6521i	0.8008-0.8975i
71.7	2.7290-0.4505i	-0.5491-0.1447i	-1.6408-0.8456i	1.5747+0.1373i	-0.0065+0.9441i	0.4878+0.7161i	-0.9218+0.8843i	0.7823-1.1135i
71.8	2.7318-0.5024i	-0.5659-0.1521i	-1.6406-0.8383i	1.5789+0.0953i	0.0625+0.9511i	0.4712+0.7315i	-0.7981+0.9645i	0.7032-1.1910i
71.9	2.6657-0.5494i	-0.5720-0.1479i	-1.6222-0.8808i	1.5349+0.0691i	0.1278+0.9246i	0.4251+0.7530i	-0.6987+0.9351i	0.6083-1.2021i
72.0	2.6278-0.6712i	-0.5850-0.1250i	-1.5631-0.8603i	1.4960-0.0066i	0.2115+0.8822i	0.3349+0.7434i	-0.5832+1.0567i	0.5456-1.2588i
72.1	2.7596-0.8070i	-0.6437-0.1094i	-1.7254-0.6753i	1.6091-0.0743i	0.3098+0.9389i	0.3589+0.6216i	-0.6072+1.2150i	0.5497-1.3489i
72.2	2.7974-0.8928i	-0.6794-0.0923i	-1.8318-0.5878i	1.6495-0.0842i	0.3828+0.9247i	0.3359+0.5650i	-0.4493+1.2858i	0.4378-1.4553i
72.3	2.7658-0.9451i	-0.6787-0.0801i	-1.7572-0.5768i	1.6573-0.1163i	0.4395+0.8865i	0.2287+0.5732i	-0.3537+1.3474i	0.3521-1.4937i
72.4	2.7311-1.0589i	-0.6852-0.0487i	-1.7117-0.4789i	1.6696-0.1786i	0.5063+0.8360i	0.0903+0.5183i	-0.1156+1.3978i	0.1829-1.5697i
72.5	2.6879-1.1652i	-0.6892-0.0205i	-1.6988-0.4173i	1.6682-0.2365i	0.5436+0.7943i	0.0124+0.5421i	-0.0364+1.3532i	0.0436-1.5481i
72.6	2.6875-1.2097i	-0.7056+0.0036i	-1.7825-0.2876i	1.6960-0.2325i	0.5727+0.7446i	-0.0305+0.4980i	0.0609+1.3116i	-0.0684-1.5152i
72.7	2.7412-1.3725i	-0.7439+0.0486i	-1.8888-0.1308i	1.7636-0.3055i	0.6689+0.7049i	-0.1016+0.4847i	0.2078+1.4150i	-0.1900-1.5570i
72.8	2.6852-1.4770i	-0.7403+0.0849i	-1.8196-0.0451i	1.7685-0.3744i	0.7131+0.6393i	-0.2184+0.5254i	0.4130+1.4076i	-0.3325-1.5365i
72.9	2.5885-1.5124i	-0.7167+0.1096i	-1.6971-0.0198i	1.7440-0.4262i	0.7061+0.5746i	-0.3524+0.5846i	0.5905+1.3584i	-0.4267-1.4828i
73.0	2.5359-1.5456i	-0.7110+0.1208i	-1.7332-0.0189i	1.7172-0.4477i	0.7117+0.5202i	-0.3974+0.6434i	0.6849+1.2350i	-0.5078-1.3978i
73.1	2.4732-1.7281i	-0.7045+0.1932i	-1.6901+0.2157i	1.7405-0.5504i	0.7550+0.4215i	-0.4978+0.6944i	0.9108+1.1505i	-0.6857-1.3462i
73.2	2.4301-1.7767i	-0.6886+0.2072i	-1.5793+0.1790i	1.7233-0.6421i	0.7638+0.3577i	-0.6217+0.8298i	1.0082+1.0930i	-0.7454-1.2533i
73.3	2.3493-1.8445i	-0.6666+0.2316i	-1.5381+0.2665i	1.7047-0.7139i	0.7454+0.2739i	-0.6652+0.9361i	1.0353+1.0067i	-0.7695-1.1212i
73.4	2.2464-1.9410i	-0.6357+0.2610i	-1.4312+0.3429i	1.6817-0.7981i	0.7346+0.1942i	-0.7077+1.0479i	1.1221+0.8846i	-0.8009-1.0030i
73.5	2.1433-2.0091i	-0.6023+0.2790i	-1.3336+0.3721i	1.6282-0.8667i	0.7060+0.1442i	-0.7486+1.2146i	1.2480+0.6755i	-0.8404-0.8817i
73.6	2.1682-2.0165i	-0.6072+0.2851i	-1.3781+0.3805i	1.6366-0.8655i	0.6889+0.1428i	-0.7646+1.3059i	1.2672+0.5458i	-0.8580-0.8074i
73.7	2.0914-2.1450i	-0.5820+0.3212i	-1.2160+0.5550i	1.6361-0.9745i	0.6733+0.0980i	-0.8330+1.4344i	1.3047+0.2928i	-0.9047-0.6735i
73.8	1.9805-2.2725i	-0.5458+0.3413i	-1.0844+0.6557i	1.5932-1.0669i	0.6502+0.0501i	-0.8330+1.5679i	1.3185+0.1566i	-0.8962-0.5595i
73.9	1.8453-2.2966i	-0.5212+0.3473i	-1.0223+0.6195i	1.5192-1.0982i	0.6167+0.0113i	-0.7690+1.6740i	1.2098+0.0615i	-0.8333-0.4703i
74.0	1.7836-2.3307i	-0.5161+0.3520i	-1.0429+0.5524i	1.4942-1.1365i	0.5948+0.0071i	-0.7238+1.8190i	1.1478+0.0299i	-0.7727-0.4568i
74.1	1.5794-2.3695i	-0.4573+0.3611i	-0.8529+0.4938i	1.3703-1.2087i	0.5439-0.0391i	-0.6635+1.9528i	1.1336-0.0369i	-0.7453-0.4150i
74.2	1.5063-2.4692i	-0.4386+0.3960i	-0.8041+0.7822i	1.3854-1.2902i	0.5558-0.0796i	-0.6632+2.0047i	1.1686-0.0774i	-0.7599-0.3835i
74.3	1.3383-2.3590i	-0.4064+0.3639i	-0.6645+0.5602i	1.2354-1.3327i	0.5016-0.0813i	-0.5357+2.1606i	1.1027-0.1780i	-0.6807-0.3672i
74.4	1.2596-2.4094i	-0.3796+0.3754i	-0.7082+0.5984i	1.2107-1.3627i	0.4712-0.1032i	-0.4686+2.2374i	1.1108-0.1773i	-0.6775-0.3712i
74.5	1.1931-2.4336i	-0.3553+0.3677i	-0.6439+0.5783i	1.1616-1.4010i	0.4456-0.1342i	-0.4102+2.3661i	1.0396-0.2439i	-0.6541-0.3385i
74.6	1.0834-2.4277i	-0.3194+0.3586i	-0.4781+0.5179i	1.0829-1.4527i	0.4155-0.1398i	-0.3686+2.5040i	1.0301-0.3255i	-0.6333-0.2991i
74.7	1.0577-2.3910i	-0.3095+0.3555i	-0.5635+0.6123i	1.1038-1.4215i	0.3842-0.1336i	-0.3352+2.5464i	1.0079-0.3699i	-0.6328-0.2676i
74.8	0.9792-2.4169i	-0.2911+0.3391i	-0.5241+0.5647i	1.0617-1.4846i	0.3612-0.1153i	-0.2258+2.7392i	0.9619-0.4538i	-0.6200-0.2560i
74.9	0.9209-2.3471i	-0.2756+0.3167i	-0.5111+0.5034i	1.0052-1.4932i	0.3373-0.1205i	-0.1253+2.8021i	0.9001-0.4985i	-0.5850-0.2498i

75.0	0.8678-2.3530i	-0.2670+0.3196i	-0.5130+0.5398i	0.9442-1.4980i	0.3201-0.1442i	0.0204+2.8363i	0.8647-0.5254i	-0.5814-0.2629i
75.1	0.6980-2.3894i	-0.2392+0.2934i	-0.3778+0.5067i	0.8056-1.5900i	0.2874-0.1216i	0.2837+3.0378i	0.8568-0.6311i	-0.5871-0.2233i
75.2	0.6839-2.2218i	-0.2484+0.2415i	-0.4752+0.2752i	0.7189-1.4968i	0.2981-0.0842i	0.3848+3.0009i	0.8141-0.6342i	-0.5368-0.2546i
75.3	0.6304-2.1812i	-0.2474+0.2252i	-0.5185+0.2305i	0.6459-1.4853i	0.2960-0.0871i	0.5387+3.0349i	0.7279-0.6736i	-0.5120-0.2371i
75.4	0.5127-2.2590i	-0.2177+0.2049i	-0.2510+0.3337i	0.5919-1.6076i	0.2712-0.0792i	0.7044+3.2731i	0.6477-0.7924i	-0.5151-0.1586i
75.5	0.4723-2.2395i	-0.2277+0.1777i	-0.2422+0.2833i	0.5339-1.6266i	0.2729-0.0585i	0.8783+3.3586i	0.5985-0.8027i	-0.5031-0.1647i
75.6	0.5419-2.1834i	-0.2648+0.1524i	-0.3354+0.2300i	0.5363-1.5764i	0.2850-0.0529i	0.9491+3.4370i	0.5895-0.7407i	-0.4253-0.2190i
75.7	0.4783-2.1673i	-0.2490+0.1361i	-0.2580+0.2733i	0.4766-1.5809i	0.2633-0.0545i	1.1270+3.4976i	0.5032-0.8198i	-0.4429-0.2112i
75.8	0.2722-2.1000i	-0.2474+0.1191i	-0.0859+0.1885i	0.2566-1.5875i	0.2719-0.0484i	1.5792+3.3498i	0.3799-0.8542i	-0.4529-0.2024i
75.9	0.2528-2.0560i	-0.2774+0.1139i	-0.2649+0.1162i	0.1998-1.5124i	0.2795-0.0385i	1.8078+3.2662i	0.3367-0.8063i	-0.4492-0.2332i
76.0	0.2790-2.0340i	-0.3035+0.1227i	-0.3137+0.2535i	0.2141-1.4685i	0.2777-0.0475i	1.8755+3.2488i	0.2870-0.8033i	-0.4450-0.2153i
76.1	0.1893-2.0050i	-0.3198+0.1158i	-0.2556+0.2858i	0.1218-1.4372i	0.2944-0.0481i	2.1587+3.1110i	0.2470-0.8158i	-0.4999-0.2079i
76.2	0.0835-2.0622i	-0.3361+0.1124i	-0.1756+0.2967i	-0.0045-1.4769i	0.3059-0.0511i	2.6111+3.1260i	0.1856-0.8461i	-0.4937-0.2149i
76.3	0.1065-2.0299i	-0.3514+0.1167i	-0.2614+0.3481i	0.0101-1.4298i	0.3025-0.0633i	2.6900+3.1139i	0.1319-0.8556i	-0.4924-0.1780i
76.4	0.0788-1.9139i	-0.3764+0.0901i	-0.2088+0.1867i	-0.0352-1.3475i	0.3148-0.0623i	2.8200+2.9079i	0.0189-0.7941i	-0.4906-0.1615i
76.5	0.0033-1.8722i	-0.4009+0.1032i	-0.2186+0.1093i	-0.1128-1.2742i	0.3202-0.0743i	3.1100+2.6350i	-0.0300-0.7288i	-0.4861-0.2088i
76.6	-0.0459-1.8844i	-0.4203+0.1343i	-0.2174+0.2176i	-0.1511-1.2645i	0.3165-0.0926i	3.3765+2.4819i	-0.0423-0.7033i	-0.4746-0.2103i
76.7	-0.0013-1.8521i	-0.4300+0.1357i	-0.2800+0.2658i	-0.0922-1.2196i	0.3187-0.0909i	3.3632+2.4146i	-0.0560-0.6646i	-0.4627-0.1801i
76.8	0.0179-1.8170i	-0.4499+0.1669i	-0.3778+0.3403i	-0.0765-1.1356i	0.3013-0.1120i	3.4032+2.2218i	-0.0713-0.6501i	-0.5176-0.1578i
76.9	-0.0253-1.7356i	-0.4722+0.1994i	-0.3515+0.2996i	-0.1467-1.0569i	0.3006-0.1264i	3.6233+1.8676i	-0.1090-0.5568i	-0.4818-0.1878i
77.0	-0.1150-1.6852i	-0.4667+0.2208i	-0.1352+0.2821i	-0.2009-1.0111i	0.2869-0.1192i	3.8097+1.5197i	-0.1521-0.4923i	-0.4469-0.1898i
77.1	-0.1402-1.6967i	-0.4921+0.2480i	-0.2547+0.3147i	-0.2095-1.0101i	0.2726-0.1471i	3.9816+1.2810i	-0.1340-0.4235i	-0.4529-0.1953i
77.2	-0.1326-1.6458i	-0.4828+0.2754i	-0.3135+0.4036i	-0.1568-0.9485i	0.2676-0.1693i	3.8332+1.0170i	-0.1056-0.3979i	-0.4938-0.1526i
77.3	-0.0804-1.5525i	-0.4685+0.2863i	-0.3604+0.3268i	-0.1134-0.8743i	0.2784-0.1814i	3.5619+0.8310i	-0.0346-0.3940i	-0.5442-0.1938i
77.4	-0.0434-1.6075i	-0.4938+0.3223i	-0.5230+0.3618i	-0.1110-0.8901i	0.2766-0.2005i	3.7445+0.7875i	-0.0157-0.4019i	-0.6062-0.2406i
77.5	-0.1022-1.5891i	-0.5060+0.3536i	-0.3936+0.3519i	-0.1495-0.8917i	0.2630-0.1898i	3.9466+0.3999i	0.0020-0.3709i	-0.6350-0.2683i
77.6	-0.1805-1.4895i	-0.4620+0.4043i	-0.2480+0.4240i	-0.1974-0.8151i	0.2398-0.2120i	3.7528-0.1558i	0.0255-0.3432i	-0.6563-0.1871i
77.7	-0.1239-1.5030i	-0.4821+0.4447i	-0.4198+0.5305i	-0.1737-0.8078i	0.2562-0.2380i	3.6697-0.3037i	0.0569-0.3692i	-0.7352-0.1543i
77.8	-0.1219-1.4751i	-0.4510+0.4483i	-0.3387+0.5421i	-0.1386-0.8016i	0.2338-0.2301i	3.5178-0.4500i	0.0521-0.4258i	-0.7953-0.0734i
77.9	-0.1361-1.4542i	-0.4297+0.4713i	-0.2268+0.4960i	-0.1368-0.7750i	0.2163-0.2249i	3.3958-0.7345i	0.0707-0.4564i	-0.8106-0.0652i
78.0	-0.1095-1.5033i	-0.4339+0.5181i	-0.2042+0.6253i	-0.1189-0.7873i	0.2201-0.2381i	3.3566-0.9014i	0.0625-0.5198i	-0.8365-0.0363i
78.1	-0.0553-1.5312i	-0.3929+0.5348i	-0.1596+0.8834i	-0.0770-0.7999i	0.2045-0.2452i	3.1391-0.7281i	0.0079-0.5679i	-0.7827+0.0613i
78.2	-0.0583-1.5639i	-0.3535+0.5498i	-0.1005+0.8772i	-0.0707-0.8093i	0.1793-0.2673i	3.0225-0.7454i	-0.0129-0.6108i	-0.8102+0.0864i
78.3	-0.0401-1.4880i	-0.3233+0.5304i	-0.1569+0.7168i	-0.0560-0.7621i	0.1754-0.2674i	2.6476-0.8163i	-0.0293-0.5909i	-0.7913+0.1192i
78.4	-0.0844-1.5151i	-0.3027+0.5552i	-0.0777+0.7598i	-0.0809-0.7700i	0.1579-0.2825i	2.5991-1.0040i	-0.0828-0.5837i	-0.7658+0.2382i
78.5	-0.0636-1.4825i	-0.2787+0.5320i	-0.0327+0.7642i	-0.0666-0.7331i	0.1317-0.2598i	2.4441-0.9037i	-0.1202-0.5864i	-0.7557+0.2660i
78.6	-0.0720-1.4722i	-0.2401+0.5350i	0.0537+0.7445i	-0.0547-0.7318i	0.1420-0.2650i	2.2477-0.9317i	-0.1340-0.5417i	-0.7227+0.2961i
78.7	0.0261-1.4592i	-0.2488+0.5079i	-0.0138+0.7071i	-0.0029-0.7245i	0.1581-0.2742i	2.1380-0.7057i	-0.1011-0.5509i	-0.6980+0.2353i
78.8	0.0437-1.5810i	-0.2623+0.5360i	0.0003+0.7680i	-0.0011-0.7872i	0.1588-0.2845i	2.2653-0.6516i	-0.1409-0.6197i	-0.7335+0.2825i
78.9	-0.0651-1.6603i	-0.2173+0.5723i	0.1055+0.8194i	-0.0380-0.8101i	0.1249-0.2964i	2.2213-0.8230i	-0.1717-0.5901i	-0.7104+0.3782i
79.0	-0.1196-1.6795i	-0.2288+0.5634i	0.2225+0.7277i	-0.0884-0.8513i	0.1099-0.2769i	2.4078-0.9345i	-0.2488-0.5688i	-0.7008+0.4159i
79.1	-0.2779-1.7803i	-0.2049+0.6022i	0.3276+0.8651i	-0.1974-0.9074i	0.0785-0.3012i	2.5618-1.0731i	-0.3806-0.6097i	-0.6512+0.4341i
79.2	-0.4582-1.8203i	-0.1508+0.6412i	0.4115+0.8689i	-0.2896-0.9068i	0.0528-0.3122i	2.5638-1.3694i	-0.4912-0.5593i	-0.5997+0.5107i
79.3	-0.7265-1.6366i	-0.0243+0.6404i	0.6897+0.6409i	-0.4100-0.7905i	0.0040-0.2603i	2.0401-2.0208i	-0.5051-0.3232i	-0.4814+0.6004i
79.4	-0.7601-1.4798i	0.0252+0.6051i	0.6359+0.5130i	-0.4392-0.6926i	-0.0026-0.2535i	1.5046-2.0511i	-0.4340-0.2337i	-0.4049+0.6319i
79.5	-0.7425-1.3298i	0.0510+0.5502i	0.6179+0.4863i	-0.4226-0.5967i	0.0007-0.2362i	1.2112-1.8522i	-0.3934-0.1990i	-0.3589+0.5949i
79.6	-0.6918-1.1676i	0.0663+0.4814i	0.5070+0.3049i	-0.3830-0.5165i	0.0030-0.2158i	0.8299-1.6264i	-0.2957-0.1529i	-0.2266+0.5507i
79.7	-0.6378-1.1140i	0.0641+0.4534i	0.5160+0.3049i	-0.3272-0.4696i	-0.0039-0.2009i	0.7999-1.4678i	-0.2606-0.1570i	-0.1948+0.4959i
79.8	-0.6721-1.0408i	0.0821+0.4334i	0.5388+0.2258i	-0.3503-0.4221i	0.0052-0.1730i	0.5970-1.4486i	-0.2402-0.1221i	-0.1393+0.5194i
79.9	-0.7063-0.9820i	0.0910+0.4202i	0.5170+0.2000i	-0.3866-0.3742i	0.0013-0.1599i	0.4974-1.3956i	-0.2291-0.1182i	-0.1543+0.5069i
80.0	-0.6222-1.0067i	0.0810+0.4184i	0.4602+0.2611i	-0.3334-0.3472i	0.0165-0.2044i	0.5397-1.1746i	-0.2220-0.1491i	-0.1415+0.4906i

2.1.66 Run 6 – VT000 – Accels 41–47

Vertical shaking at 0°. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	18.5067+0.0000i	10.7125+0.0000i	-5.6904+0.0000i	6.3768+0.0000i	8.4567+0.0000i	13.2226+0.0000i	3.9748+0.0000i
0.1	3.3334+1.2947i	1.7580+0.9348i	-0.8322-0.4219i	1.0218+0.4809i	1.4353+0.6506i	0.7032+5.1580i	0.6433+0.6358i
0.2	0.0512-0.0458i	-0.0257+0.0239i	0.0150-0.0168i	-0.0314+0.0334i	0.0079+0.0382i	2.0554+2.9203i	-0.0269+0.0618i
0.3	0.0093-0.0469i	-0.0213+0.0421i	-0.0011+0.0121i	-0.0083+0.0046i	0.0173-0.0051i	-0.0135+0.4364i	0.0099+0.0284i
0.4	0.0034-0.0079i	-0.0132+0.0098i	-0.0288+0.0161i	0.0050+0.0002i	0.0080+0.0089i	-0.0366+0.0278i	0.0073+0.0021i
0.5	-0.0122-0.0023i	-0.0042-0.0064i	-0.0152-0.0137i	-0.0010-0.0050i	0.0064-0.0026i	-0.0473+0.0576i	-0.0071+0.0034i
0.6	-0.0044-0.0050i	0.0020-0.0020i	-0.0030+0.0011i	0.0001-0.0047i	0.0031-0.0026i	0.0361+0.0601i	-0.0075+0.0054i
0.7	-0.0030+0.0002i	0.0027+0.0008i	-0.0018-0.0026i	0.0013-0.0007i	-0.0003-0.0001i	0.0134-0.1059i	-0.0069-0.0038i
0.8	0.0006+0.0023i	0.0034-0.0003i	-0.0010-0.0046i	0.0019-0.0005i	0.0004+0.0006i	-0.0377+0.0492i	0.0008-0.0052i
0.9	0.0003+0.0012i	0.0049+0.0019i	-0.0030-0.0010i	0.0025+0.0019i	0.0035+0.0018i	0.0228+0.0115i	0.0107-0.0033i
1.0	0.0005+0.0011i	0.0067+0.0011i	-0.0025+0.0004i	0.0017+0.0021i	0.0048+0.0015i	-0.0259-0.0108i	0.0075-0.0065i
1.1	0.0022+0.0015i	0.0037-0.0001i	-0.0049+0.0002i	0.0018+0.0002i	0.0044+0.0017i	0.0052-0.0191i	0.0067-0.0096i
1.2	0.0016+0.0003i	0.0022+0.0004i	-0.0059-0.0021i	0.0020+0.0000i	0.0020+0.0007i	0.0208+0.0257i	0.0087-0.0077i
1.3	0.0007-0.0005i	0.0035+0.0010i	-0.0072-0.0021i	0.0034+0.0011i	0.0032-0.0007i	-0.0079+0.0366i	0.0123-0.0046i
1.4	0.0007-0.0003i	0.0016+0.0027i	-0.0092-0.0011i	0.0062+0.0009i	0.0028+0.0012i	-0.0147+0.0231i	0.0128-0.0001i
1.5	-0.0027+0.0036i	-0.0097+0.0126i	-0.0115-0.0016i	0.0114-0.0041i	-0.0066+0.0089i	-0.0244+0.0066i	0.0146-0.0008i
1.6	0.0106+0.0081i	0.0151+0.0171i	-0.0110-0.0026i	0.0074-0.0064i	0.0161+0.0140i	-0.0118-0.0214i	0.0115-0.0035i
1.7	0.0193+0.0022i	0.0300+0.0061i	-0.0099-0.0022i	0.0072-0.0028i	0.0294+0.0043i	0.0034-0.0143i	0.0122-0.0010i
1.8	0.0226-0.0052i	0.0334+0.0040i	-0.0119-0.0012i	0.0142-0.0064i	0.0343+0.0020i	-0.0036+0.0012i	0.0248-0.0004i
1.9	0.0266-0.0177i	0.0464+0.0010i	-0.0132-0.0038i	0.0206-0.0204i	0.0459-0.0004i	0.0100+0.0116i	0.0375-0.0011i
2.0	0.0209-0.0340i	0.0849-0.0226i	-0.0168-0.0054i	0.0112-0.0353i	0.0820-0.0205i	-0.0329-0.0026i	0.0638-0.0211i
2.1	0.0070-0.0474i	0.1142-0.1349i	-0.0212-0.0079i	-0.0053-0.0391i	0.1088-0.1322i	-0.0189-0.0093i	0.0846-0.1150i
2.2	-0.0064-0.0543i	-0.0907-0.1700i	-0.0222-0.0081i	-0.0052-0.0448i	-0.0896-0.1646i	-0.0159-0.0081i	-0.0786-0.1382i
2.3	-0.0282-0.0678i	-0.1292-0.0474i	-0.0264-0.0102i	-0.0249-0.0674i	-0.1257-0.0446i	-0.0231-0.0101i	-0.1094-0.0412i
2.4	-0.1130-0.0213i	-0.0564-0.0119i	-0.0393-0.0047i	-0.1159-0.0199i	-0.0510-0.0116i	-0.0394+0.0002i	-0.0580-0.0115i
2.5	-0.0503+0.0544i	-0.0431-0.0085i	-0.0354+0.0030i	-0.0498+0.0560i	-0.0407-0.0095i	-0.0352-0.0007i	-0.0395-0.0010i
2.6	-0.0021+0.0265i	-0.0353-0.0036i	-0.0330-0.0004i	-0.0024+0.0267i	-0.0366-0.0050i	-0.0395+0.0011i	-0.0289+0.0028i
2.7	-0.0056+0.0097i	-0.0298-0.0035i	-0.0372-0.0026i	-0.0068+0.0098i	-0.0303-0.0018i	-0.0390-0.0030i	-0.0248+0.0019i
2.8	-0.0075+0.0033i	-0.0259-0.0036i	-0.0420-0.0027i	-0.0115+0.0047i	-0.0270-0.0010i	-0.0417-0.0058i	-0.0214-0.0010i
2.9	-0.0092+0.0024i	-0.0238-0.0031i	-0.0455-0.0026i	-0.0118+0.0028i	-0.0241-0.0040i	-0.0380-0.0029i	-0.0191-0.0018i
3.0	-0.0088+0.0003i	-0.0204-0.0042i	-0.0503-0.0024i	-0.0106+0.0015i	-0.0214-0.0038i	-0.0378+0.0051i	-0.0184-0.0024i
3.1	-0.0118-0.0029i	-0.0168-0.0055i	-0.0545-0.0024i	-0.0135-0.0011i	-0.0172-0.0073i	-0.0508+0.0042i	-0.0175-0.0040i
3.2	-0.0163+0.0024i	-0.0188-0.0057i	-0.0556-0.0029i	-0.0163+0.0021i	-0.0181-0.0084i	-0.0487+0.0010i	-0.0192-0.0037i
3.3	-0.0101+0.0066i	-0.0153-0.0048i	-0.0604-0.0033i	-0.0132+0.0072i	-0.0179-0.0045i	-0.0708-0.0012i	-0.0125-0.0097i
3.4	-0.0055+0.0077i	-0.0198-0.0041i	-0.0655-0.0045i	-0.0104+0.0114i	-0.0184-0.0036i	-0.0754-0.0109i	-0.0116-0.0083i
3.5	-0.0012+0.0117i	-0.0178-0.0044i	-0.0738-0.0054i	-0.0044+0.0133i	-0.0190-0.0041i	-0.0684-0.0125i	-0.0100-0.0079i
3.6	0.0091+0.0087i	-0.0124-0.0026i	-0.0798-0.0048i	0.0091+0.0078i	-0.0182-0.0088i	-0.0677+0.0275i	-0.0051-0.0042i
3.7	-0.0123-0.0013i	-0.0226+0.0004i	-0.0810+0.0021i	-0.0155-0.0020i	-0.0247-0.0007i	-0.0779-0.0022i	-0.0166+0.0037i
3.8	-0.0101-0.0010i	-0.0203+0.0007i	-0.0852+0.0011i	-0.0115-0.0024i	-0.0185+0.0005i	-0.0838+0.0035i	-0.0114+0.0024i
3.9	-0.0091-0.0014i	-0.0192-0.0009i	-0.0894-0.0015i	-0.0114-0.0020i	-0.0177-0.0017i	-0.0873-0.0029i	-0.0107-0.0000i
4.0	-0.0106-0.0016i	-0.0200-0.0015i	-0.0952-0.0015i	-0.0109-0.0021i	-0.0192-0.0019i	-0.0913-0.0026i	-0.0115-0.0005i
4.1	-0.0114-0.0015i	-0.0206-0.0007i	-0.1019-0.0020i	-0.0116-0.0016i	-0.0206+0.0002i	-0.0951-0.0052i	-0.0106+0.0003i
4.2	-0.0102-0.0013i	-0.0211-0.0002i	-0.1106-0.0041i	-0.0121-0.0020i	-0.0205+0.0016i	-0.1078-0.0082i	-0.0100+0.0009i
4.3	-0.0106-0.0020i	-0.0233+0.0011i	-0.1176-0.0040i	-0.0112-0.0025i	-0.0209+0.0024i	-0.1174-0.0078i	-0.0105+0.0013i
4.4	-0.0133-0.0026i	-0.0250+0.0065i	-0.1273-0.0044i	-0.0115-0.0025i	-0.0209+0.0050i	-0.1284-0.0039i	-0.0103+0.0021i
4.5	-0.0138-0.0022i	-0.0225+0.0115i	-0.1385-0.0058i	-0.0122-0.0024i	-0.0184+0.0069i	-0.1364-0.0042i	-0.0117+0.0060i
4.6	-0.0132-0.0034i	-0.0169+0.0158i	-0.1528-0.0060i	-0.0106-0.0036i	-0.0168+0.0113i	-0.1446-0.0008i	-0.0102+0.0103i
4.7	-0.0125-0.0009i	-0.0065+0.0219i	-0.1674-0.0005i	-0.0132+0.0004i	-0.0092+0.0220i	-0.1546+0.0001i	-0.0004+0.0173i
4.8	-0.0103+0.0023i	0.0085+0.0197i	-0.1761+0.0016i	-0.0124+0.0010i	0.0081+0.0214i	-0.1629-0.0056i	0.0175+0.0172i
4.9	-0.0108-0.0001i	0.0167-0.0036i	-0.1854+0.0027i	-0.0113+0.0019i	0.0199-0.0020i	-0.1747-0.0058i	0.0308-0.0017i
5.0	-0.0070-0.0040i	-0.0051-0.0183i	-0.1989-0.0112i	-0.0063-0.0042i	-0.0011-0.0213i	-0.1910-0.0090i	0.0122-0.0192i
5.1	-0.0085-0.0058i	-0.0153-0.0051i	-0.2218-0.0172i	-0.0071-0.0070i	-0.0170-0.0141i	-0.2071-0.0106i	0.0012-0.0123i
5.2	-0.0053-0.0085i	-0.0128-0.0011i	-0.2399-0.0146i	-0.0023-0.0075i	-0.0180-0.0114i	-0.2180-0.0028i	0.0023-0.0115i
5.3	-0.0067-0.0186i	-0.0037-0.0023i	-0.2676-0.0114i	-0.0002-0.0177i	-0.0146-0.0077i	-0.2374-0.0083i	0.0032-0.0091i
5.4	-0.0156-0.0285i	0.0021-0.0124i	-0.2895-0.0092i	-0.0081-0.0300i	-0.0128-0.0045i	-0.2576-0.0173i	0.0075-0.0106i
5.5	-0.0343-0.0332i	-0.0025-0.0295i	-0.3327-0.0028i	-0.0289-0.0386i	-0.0133-0.0201i	-0.3132-0.0351i	0.0070-0.0198i
5.6	-0.0525+0.0013i	-0.0664-0.0170i	-0.3753+0.0252i	-0.0507-0.0056i	-0.0575-0.0037i	-0.3633-0.0077i	-0.0461+0.0072i

5.7	-0.0430+0.0092i	-0.0522+0.0241i	-0.3973+0.0278i	-0.0417+0.0057i	-0.0350+0.0268i	-0.3798+0.0169i	-0.0240+0.0309i
5.8	-0.0355+0.0095i	-0.0217+0.0261i	-0.4311+0.0343i	-0.0337+0.0093i	-0.0104+0.0239i	-0.4193+0.0288i	0.0025+0.0252i
5.9	-0.0276+0.0093i	-0.0015+0.0268i	-0.4622+0.0356i	-0.0232+0.0103i	0.0091+0.0226i	-0.4457+0.0327i	0.0239+0.0232i
6.0	-0.0320+0.0033i	0.0138+0.0066i	-0.5214+0.0267i	-0.0248+0.0055i	0.0200-0.0009i	-0.4951+0.0266i	0.0339+0.0006i
6.1	-0.0368+0.0058i	0.0086-0.0133i	-0.5887+0.0381i	-0.0283+0.0077i	0.0096-0.0209i	-0.5562+0.0340i	0.0255-0.0159i
6.2	-0.0350+0.0146i	-0.0087-0.0221i	-0.6738+0.0779i	-0.0245+0.0154i	-0.0111-0.0269i	-0.6339+0.0688i	0.0087-0.0208i
6.3	-0.0326+0.0183i	-0.0182-0.0209i	-0.7514+0.0923i	-0.0204+0.0184i	-0.0209-0.0230i	-0.7063+0.0786i	-0.0002-0.0165i
6.4	-0.0301+0.0211i	-0.0233-0.0181i	-0.8489+0.1220i	-0.0155+0.0205i	-0.0254-0.0191i	-0.8009+0.1039i	-0.0032-0.0122i
6.5	-0.0267+0.0231i	-0.0273-0.0156i	-0.9637+0.1647i	-0.0090+0.0210i	-0.0290-0.0161i	-0.9112+0.1418i	-0.0050-0.0089i
6.6	-0.0253+0.0256i	-0.0312-0.0107i	-1.1463+0.2254i	-0.0032+0.0211i	-0.0333-0.0108i	-1.0840+0.1955i	-0.0093-0.0033i
6.7	-0.0221+0.0308i	-0.0318-0.0056i	-1.3397+0.2964i	0.0048+0.0238i	-0.0336-0.0050i	-1.2635+0.2618i	-0.0109+0.0028i
6.8	-0.0189+0.0355i	-0.0301-0.0037i	-1.7006+0.4388i	0.0165+0.0242i	-0.0333-0.0034i	-1.6091+0.3933i	-0.0110+0.0081i
6.9	-0.0154+0.0471i	-0.0270-0.0074i	-2.2792+0.7832i	0.0322+0.0253i	-0.0331-0.0051i	-2.1560+0.7089i	-0.0110+0.0126i
7.0	0.0094+0.0710i	-0.0386-0.0130i	-2.9730+1.8545i	0.0703+0.0216i	-0.0458-0.0056i	-2.8130+1.7061i	-0.0182+0.0229i
7.1	0.0679+0.0629i	-0.0584-0.0013i	-2.6256+3.7134i	0.1132-0.0306i	-0.0626+0.0120i	-2.5102+3.4573i	-0.0197+0.0470i
7.2	0.1045-0.0066i	-0.0549+0.0440i	-0.4795+5.0584i	0.0933-0.1258i	-0.0501+0.0593i	-0.5138+4.7517i	0.0140+0.0839i
7.3	0.0828-0.0744i	0.0060+0.0537i	2.0168+4.6791i	0.0076-0.1728i	0.0182+0.0642i	1.8344+4.4082i	0.0880+0.0739i
7.4	0.0507-0.0954i	0.0140+0.0101i	2.9154+3.2081i	-0.0372-0.1496i	0.0270+0.0162i	2.6937+3.0374i	0.0967+0.0201i
7.5	0.0152-0.1087i	-0.0082-0.0028i	2.9531+1.7447i	-0.0627-0.1284i	0.0050-0.0021i	2.7357+1.6643i	0.0734-0.0054i
7.6	-0.0107-0.1034i	-0.0152-0.0001i	2.4315+0.9699i	-0.0730-0.1093i	-0.0050-0.0007i	2.2554+0.9325i	0.0596-0.0064i
7.7	-0.0253-0.0940i	-0.0142-0.0006i	2.0256+0.7021i	-0.0764-0.0956i	-0.0052-0.0000i	1.8799+0.6800i	0.0568-0.0032i
7.8	-0.0350-0.0912i	-0.0154-0.0022i	1.8025+0.5687i	-0.0799-0.0907i	-0.0067-0.0028i	1.6672+0.5521i	0.0570-0.0021i
7.9	-0.0420-0.0938i	-0.0188-0.0035i	1.7218+0.5210i	-0.0845-0.0932i	-0.0099-0.0041i	1.5897+0.5083i	0.0613-0.0013i
8.0	-0.0558-0.0993i	-0.0219-0.0017i	1.7200+0.4041i	-0.0963-0.0979i	-0.0137-0.0015i	1.5863+0.3995i	0.0651-0.0007i
8.1	-0.0665-0.0966i	-0.0212-0.0019i	1.6267+0.2813i	-0.1055-0.0947i	-0.0131-0.0007i	1.4951+0.2831i	0.0728-0.0024i
8.2	-0.0770-0.0955i	-0.0228-0.0030i	1.5889+0.2098i	-0.1155-0.0917i	-0.0138-0.0013i	1.4536+0.2175i	0.0802-0.0089i
8.3	-0.0967-0.0947i	-0.0253-0.0018i	1.5720+0.0945i	-0.1360-0.0885i	-0.0157-0.0002i	1.4411+0.1104i	0.0850-0.0153i
8.4	-0.1082-0.0897i	-0.0282+0.0006i	1.5491+0.0178i	-0.1479-0.0827i	-0.0179+0.0016i	1.4201+0.0413i	0.0866-0.0187i
8.5	-0.1241-0.0859i	-0.0284+0.0036i	1.5425-0.0767i	-0.1656-0.0766i	-0.0167+0.0038i	1.4122-0.0442i	0.0922-0.0249i
8.6	-0.1361-0.0846i	-0.0268+0.0053i	1.5506-0.1658i	-0.1802-0.0721i	-0.0144+0.0048i	1.4110-0.1254i	0.1002-0.0309i
8.7	-0.1511-0.0815i	-0.0249+0.0071i	1.5773-0.2622i	-0.1971-0.0643i	-0.0119+0.0050i	1.4281-0.2114i	0.1091-0.0391i
8.8	-0.1729-0.0689i	-0.0211+0.0056i	1.6367-0.4275i	-0.2221-0.0432i	-0.0072+0.0033i	1.4786-0.3574i	0.1192-0.0515i
8.9	-0.1874-0.0536i	-0.0225+0.0045i	1.6946-0.6073i	-0.2393-0.0212i	-0.0073+0.0006i	1.5200-0.5158i	0.1244-0.0637i
9.0	-0.2001-0.0298i	-0.0234+0.0064i	1.6372-0.8847i	-0.2493+0.0148i	-0.0067-0.0001i	1.4704-0.7573i	0.1272-0.0809i
9.1	-0.2011-0.0108i	-0.0213+0.0074i	1.5443-1.0933i	-0.2446+0.0433i	-0.0022-0.0017i	1.3852-0.9369i	0.1353-0.0981i
9.2	-0.2334+0.0080i	-0.0186+0.0039i	1.6878-1.5470i	-0.2748+0.0822i	0.0047-0.0062i	1.5020-1.3235i	0.1545-0.1446i
9.3	-0.2508+0.0721i	-0.0154+0.0004i	1.2922-2.3306i	-0.2654+0.1751i	0.0061-0.0200i	1.1582-1.9946i	0.1255-0.2166i
9.4	-0.2006+0.1253i	-0.0184-0.0043i	0.3013-2.4430i	-0.1736+0.2170i	-0.0058-0.0287i	0.3078-2.0890i	0.0425-0.2300i
9.5	-0.1340+0.1531i	-0.0231-0.0067i	-0.6625-2.1497i	-0.0736+0.2175i	-0.0204-0.0309i	-0.5213-1.8328i	-0.0378-0.2062i
9.6	-0.0851+0.1291i	-0.0260-0.0063i	-0.9739-1.4452i	-0.0238+0.1609i	-0.0277-0.0243i	-0.7890-1.2273i	-0.0613-0.1471i
9.7	-0.0685+0.1000i	-0.0285-0.0070i	-0.9569-0.9767i	-0.0168+0.1136i	-0.0319-0.0207i	-0.7725-0.8240i	-0.0593-0.1084i
9.8	-0.0623+0.0783i	-0.0304-0.0067i	-0.8733-0.6985i	-0.0205+0.0825i	-0.0340-0.0181i	-0.7000-0.5853i	-0.0510-0.0849i
9.9	-0.0638+0.0622i	-0.0309-0.0052i	-0.7720-0.5012i	-0.0306+0.0596i	-0.0348-0.0151i	-0.6136-0.4185i	-0.0382-0.0682i
10.0	-0.0671+0.0497i	-0.0298-0.0038i	-0.6853-0.3682i	-0.0404+0.0454i	-0.0326-0.0127i	-0.5382-0.3014i	-0.0250-0.0571i
10.1	-0.0725+0.0407i	-0.0304-0.0066i	-0.6008-0.2715i	-0.0524+0.0382i	-0.0325-0.0135i	-0.4675-0.2161i	-0.0134-0.0504i
10.2	-0.0793+0.0336i	-0.0332-0.0099i	-0.5314-0.2124i	-0.0631+0.0323i	-0.0346-0.0170i	-0.4077-0.1639i	-0.0029-0.0489i
10.3	-0.0845+0.0302i	-0.0398-0.0126i	-0.4787-0.1634i	-0.0696+0.0297i	-0.0393-0.0187i	-0.3553-0.1171i	0.0072-0.0445i
10.4	-0.0869+0.0289i	-0.0436-0.0103i	-0.4444-0.1242i	-0.0722+0.0284i	-0.0433-0.0157i	-0.3137-0.0837i	0.0202-0.0482i
10.5	-0.0874+0.0276i	-0.0459-0.0076i	-0.4119-0.0861i	-0.0742+0.0249i	-0.0460-0.0129i	-0.2810-0.0607i	0.0252-0.0569i
10.6	-0.0907+0.0241i	-0.0463-0.0072i	-0.3698-0.0631i	-0.0783+0.0208i	-0.0462-0.0125i	-0.2501-0.0494i	0.0181-0.0646i
10.7	-0.0949+0.0201i	-0.0473-0.0060i	-0.3395-0.0527i	-0.0828+0.0166i	-0.0456-0.0107i	-0.2277-0.0447i	0.0142-0.0623i
10.8	-0.0993+0.0177i	-0.0496-0.0073i	-0.3197-0.0447i	-0.0882+0.0125i	-0.0473-0.0109i	-0.2089-0.0419i	0.0194-0.0582i
10.9	-0.1019+0.0153i	-0.0508-0.0077i	-0.3085-0.0357i	-0.0923+0.0099i	-0.0486-0.0103i	-0.2005-0.0338i	0.0218-0.0549i
11.0	-0.1076+0.0125i	-0.0531-0.0066i	-0.2994-0.0316i	-0.0981+0.0088i	-0.0512-0.0106i	-0.1963-0.0303i	0.0243-0.0549i
11.1	-0.1123+0.0116i	-0.0560-0.0055i	-0.2920-0.0273i	-0.1036+0.0073i	-0.0533-0.0101i	-0.1922-0.0276i	0.0285-0.0549i
11.2	-0.1176+0.0126i	-0.0600-0.0046i	-0.2869-0.0194i	-0.1084+0.0063i	-0.0553-0.0088i	-0.1890-0.0220i	0.0324-0.0546i
11.3	-0.1205+0.0120i	-0.0604-0.0037i	-0.2864-0.0117i	-0.1128+0.0053i	-0.0557-0.0065i	-0.1860-0.0156i	0.0336-0.0536i
11.4	-0.1257+0.0103i	-0.0618-0.0032i	-0.2827-0.0073i	-0.1195+0.0040i	-0.0559-0.0046i	-0.1831-0.0120i	0.0339-0.0501i
11.5	-0.1293+0.0078i	-0.0647-0.0024i	-0.2824-0.0035i	-0.1251+0.0019i	-0.0579-0.0047i	-0.1839-0.0086i	0.0358-0.0487i
11.6	-0.1356+0.0044i	-0.0677-0.0025i	-0.2859+0.0007i	-0.1315-0.0005i	-0.0602-0.0052i	-0.1886-0.0019i	0.0411-0.0430i
11.7	-0.1404+0.0049i	-0.0693-0.0031i	-0.2893+0.0033i	-0.1364+0.0002i	-0.0635-0.0051i	-0.1896+0.0002i	0.0473-0.0405i
11.8	-0.1467+0.0037i	-0.0701-0.0023i	-0.2968+0.0073i	-0.1418+0.0005i	-0.0650-0.0044i	-0.1929+0.0028i	0.0576-0.0357i
11.9	-0.1543+0.0036i	-0.0741-0.0015i	-0.3052+0.0122i	-0.1493+0.0003i	-0.0684-0.0042i	-0.1975+0.0086i	0.0668-0.0323i

12.0	-0.1581+0.0041i	-0.0765-0.0012i	-0.3149+0.0182i	-0.1554+0.0007i	-0.0703-0.0045i	-0.2042+0.0146i	0.0760-0.0321i
12.1	-0.1651+0.0046i	-0.0809-0.0003i	-0.3233+0.0267i	-0.1600+0.0010i	-0.0736-0.0049i	-0.2099+0.0226i	0.0883-0.0325i
12.2	-0.1713+0.0035i	-0.0860-0.0017i	-0.3335+0.0338i	-0.1655+0.0014i	-0.0781-0.0060i	-0.2155+0.0316i	0.1015-0.0307i
12.3	-0.1782+0.0044i	-0.0905-0.0041i	-0.3445+0.0416i	-0.1727+0.0020i	-0.0822-0.0079i	-0.2188+0.0408i	0.1124-0.0317i
12.4	-0.1863+0.0042i	-0.0999-0.0041i	-0.3533+0.0558i	-0.1806+0.0012i	-0.0892-0.0097i	-0.2158+0.0536i	0.1303-0.0359i
12.5	-0.1920+0.0051i	-0.1076-0.0043i	-0.3608+0.0705i	-0.1850+0.0011i	-0.0962-0.0081i	-0.2191+0.0651i	0.1439-0.0410i
12.6	-0.2005+0.0053i	-0.1194+0.0002i	-0.3687+0.0834i	-0.1898+0.0012i	-0.1113-0.0033i	-0.2172+0.0715i	0.1632-0.0478i
12.7	-0.2073+0.0025i	-0.1326+0.0064i	-0.3736+0.0910i	-0.1936-0.0019i	-0.1227+0.0022i	-0.2141+0.0699i	0.1801-0.0582i
12.8	-0.2149+0.0016i	-0.1421+0.0161i	-0.3769+0.0983i	-0.1991-0.0056i	-0.1307+0.0136i	-0.2118+0.0735i	0.1940-0.0724i
12.9	-0.2232+0.0030i	-0.1492+0.0323i	-0.3802+0.1046i	-0.2040-0.0103i	-0.1383+0.0295i	-0.2111+0.0719i	0.2037-0.0920i
13.0	-0.2325+0.0030i	-0.1532+0.0469i	-0.3843+0.1102i	-0.2125-0.0175i	-0.1397+0.0436i	-0.2134+0.0686i	0.2075-0.1063i
13.1	-0.2387+0.0007i	-0.1478+0.0585i	-0.3956+0.1049i	-0.2240-0.0257i	-0.1353+0.0538i	-0.2234+0.0661i	0.2076-0.1124i
13.2	-0.2452-0.0033i	-0.1428+0.0657i	-0.4131+0.1006i	-0.2370-0.0344i	-0.1331+0.0605i	-0.2324+0.0657i	0.2152-0.1144i
13.3	-0.2583-0.0042i	-0.1422+0.0729i	-0.4362+0.1075i	-0.2539-0.0402i	-0.1301+0.0694i	-0.2395+0.0725i	0.2317-0.1206i
13.4	-0.2708-0.0086i	-0.1407+0.0712i	-0.4606+0.1165i	-0.2724-0.0444i	-0.1293+0.0699i	-0.2462+0.0810i	0.2493-0.1168i
13.5	-0.2825-0.0128i	-0.1456+0.0743i	-0.4800+0.1219i	-0.2900-0.0469i	-0.1334+0.0725i	-0.2459+0.0824i	0.2689-0.1182i
13.6	-0.3107-0.0182i	-0.1589+0.0816i	-0.5109+0.1362i	-0.3204-0.0509i	-0.1399+0.0811i	-0.2487+0.0866i	0.3109-0.1334i
13.7	-0.3309-0.0136i	-0.1632+0.0866i	-0.5298+0.1513i	-0.3447-0.0469i	-0.1391+0.0874i	-0.2498+0.0884i	0.3375-0.1511i
13.8	-0.3502-0.0114i	-0.1630+0.0889i	-0.5505+0.1656i	-0.3703-0.0409i	-0.1367+0.0892i	-0.2458+0.0860i	0.3726-0.1659i
13.9	-0.3689-0.0051i	-0.1722+0.0934i	-0.5845+0.1776i	-0.3950-0.0321i	-0.1424+0.0898i	-0.2459+0.0747i	0.4228-0.1917i
14.0	-0.3855+0.0043i	-0.1858+0.1084i	-0.6256+0.2119i	-0.4146-0.0175i	-0.1537+0.1030i	-0.2553+0.0566i	0.4719-0.2558i
14.1	-0.4012+0.0082i	-0.1896+0.1212i	-0.6433+0.2413i	-0.4297-0.0100i	-0.1564+0.1145i	-0.2672+0.0415i	0.4907-0.3081i
14.2	-0.4197+0.0093i	-0.1965+0.1356i	-0.6609+0.2676i	-0.4500-0.0027i	-0.1644+0.1273i	-0.2727+0.0214i	0.5160-0.3615i
14.3	-0.4387+0.0128i	-0.2054+0.1530i	-0.6833+0.2969i	-0.4701+0.0042i	-0.1692+0.1431i	-0.2925+0.0050i	0.5329-0.4239i
14.4	-0.4596+0.0121i	-0.2140+0.1703i	-0.7206+0.3209i	-0.4904+0.0075i	-0.1755+0.1575i	-0.3201-0.0133i	0.5588-0.4801i
14.5	-0.4845+0.0157i	-0.2272+0.1988i	-0.7681+0.3512i	-0.5170+0.0172i	-0.1880+0.1776i	-0.3496-0.0347i	0.5989-0.5564i
14.6	-0.5115+0.0308i	-0.2269+0.2381i	-0.8034+0.4385i	-0.5434+0.0331i	-0.1883+0.2154i	-0.3797-0.0443i	0.6157-0.7010i
14.7	-0.5373+0.0405i	-0.2074+0.2630i	-0.7754+0.5208i	-0.5681+0.0478i	-0.1697+0.2406i	-0.4124-0.0463i	0.5511-0.8286i
14.8	-0.5605+0.0418i	-0.1882+0.2846i	-0.7156+0.5911i	-0.5887+0.0570i	-0.1507+0.2616i	-0.4473-0.0589i	0.4459-0.9378i
14.9	-0.5860+0.0482i	-0.1599+0.2945i	-0.6393+0.5871i	-0.6102+0.0673i	-0.1224+0.2696i	-0.4905-0.0678i	0.3063-0.9548i
15.0	-0.6228+0.0477i	-0.1464+0.2757i	-0.5750+0.5322i	-0.6368+0.0652i	-0.1056+0.2495i	-0.5191-0.0614i	0.2220-0.8895i
15.1	-0.6500+0.0447i	-0.1642+0.2592i	-0.6009+0.4711i	-0.6603+0.0608i	-0.1212+0.2347i	-0.5498-0.0713i	0.2508-0.8307i
15.2	-0.7020+0.0513i	-0.2331+0.2522i	-0.7108+0.3676i	-0.7097+0.0657i	-0.1863+0.2243i	-0.5735-0.0923i	0.4205-0.7651i
15.3	-0.7509+0.0608i	-0.2985+0.2969i	-0.8400+0.3437i	-0.7597+0.0763i	-0.2457+0.2642i	-0.6033-0.1381i	0.5990-0.8529i
15.4	-0.8122+0.0524i	-0.3959+0.3582i	-0.9942+0.3412i	-0.8205+0.0695i	-0.3319+0.3210i	-0.6225-0.2061i	0.8565-1.0030i
15.5	-0.8843+0.0590i	-0.4712+0.4975i	-1.1622+0.4167i	-0.8864+0.0770i	-0.3971+0.4494i	-0.6840-0.3110i	1.0640-1.3616i
15.6	-0.9684+0.0860i	-0.4759+0.7291i	-1.2976+0.5790i	-0.9675+0.1056i	-0.3987+0.6643i	-0.8296-0.4619i	1.0724-1.9639i
15.7	-1.0846+0.1079i	-0.4104+1.0372i	-1.3889+0.8392i	-1.0847+0.1288i	-0.3304+0.9537i	-1.0581-0.6437i	0.8634-2.8279i
15.8	-1.1813+0.1629i	-0.1139+1.2381i	-1.3114+1.0556i	-1.1795+0.1831i	-0.0461+1.1373i	-1.4423-0.6613i	0.0357-3.3708i
15.9	-1.2804+0.2339i	0.2138+1.3309i	-1.2266+1.1995i	-1.2749+0.2554i	0.2672+1.2149i	-1.8539-0.5743i	-0.8714-3.5917i
16.0	-1.3847+0.3160i	0.5803+1.2816i	-1.1780+1.2285i	-1.3776+0.3364i	0.6103+1.1537i	-2.2962-0.3675i	-1.8412-3.3949i
16.1	-1.5229+0.3919i	0.8703+1.1403i	-1.2131+1.2045i	-1.5118+0.4119i	0.8787+1.0042i	-2.6844-0.0765i	-2.6078-2.9254i
16.2	-1.7235+0.4772i	1.0892+0.9525i	-1.3624+1.1762i	-1.7065+0.4991i	1.0869+0.8169i	-3.0801+0.2817i	-3.1788-2.3087i
16.3	-1.9262+0.6385i	1.2266+0.7533i	-1.6201+1.2507i	-1.9067+0.6627i	1.2174+0.6164i	-3.4056+0.7363i	-3.4737-1.6341i
16.4	-2.1294+1.0270i	1.3407+0.4775i	-1.9238+1.7471i	-2.1019+1.0506i	1.3134+0.3383i	-3.6500+1.6602i	-3.5317-0.8551i
16.5	-2.2168+1.4360i	1.4078+0.2249i	-1.8610+2.3655i	-2.1818+1.4554i	1.3559+0.0930i	-3.4610+2.6129i	-3.4784-0.3167i
16.6	-2.1487+1.8741i	1.4429-0.1281i	-1.4976+2.7166i	-2.1056+1.8856i	1.3637-0.2388i	-2.8524+3.2503i	-3.4392+0.3877i
16.7	-2.1466+2.3002i	1.2587-0.4651i	-1.4165+3.0487i	-2.0918+2.3073i	1.1854-0.5566i	-2.5200+3.7282i	-3.0629+1.0351i
16.8	-1.9236+2.9088i	0.9827-0.7067i	-0.9818+3.6524i	-1.8553+2.9013i	0.9110-0.7868i	-1.8099+4.4051i	-2.4683+1.4182i
16.9	-1.3801+3.4195i	0.7273-0.8558i	-0.2135+3.9226i	-1.3098+3.3920i	0.6509-0.9285i	-0.7993+4.7351i	-1.9049+1.6999i
17.0	-0.6190+3.5892i	0.4587-0.8096i	0.5679+3.5944i	-0.5610+3.5509i	0.3804-0.8807i	0.2601+4.3327i	-1.3758+1.6273i
17.1	-0.1127+3.5867i	0.2758-0.7789i	0.8319+3.3253i	-0.0602+3.5339i	0.2010-0.8417i	0.6646+3.8892i	-1.0936+1.5776i
17.2	0.5037+3.7324i	-0.0093-0.7936i	1.2743+3.3078i	0.5567+3.6591i	-0.0787-0.8502i	1.1480+3.7826i	-0.6344+1.6669i
17.3	1.1088+3.3769i	-0.1554-0.5909i	1.5697+2.8474i	1.1441+3.2996i	-0.2295-0.6445i	1.5255+3.2899i	-0.2521+1.3602i
17.4	1.3691+2.8761i	-0.1345-0.4005i	1.5296+2.4653i	1.3920+2.7947i	-0.2118-0.4480i	1.5638+2.7944i	-0.2121+1.0245i
17.5	1.5070+2.5432i	-0.1278-0.3220i	1.5260+2.3178i	1.5209+2.4567i	-0.2064-0.3635i	1.5755+2.5081i	-0.1977+0.8546i
17.6	1.6137+2.2022i	-0.1250-0.2361i	1.6236+2.1517i	1.6092+2.1187i	-0.2043-0.2718i	1.5963+2.2586i	-0.1609+0.7374i
17.7	1.6654+1.9285i	-0.1095-0.1696i	1.6781+1.9905i	1.6486+1.8462i	-0.1864-0.2002i	1.6276+2.0616i	-0.1384+0.6128i
17.8	1.7064+1.6679i	-0.0817-0.1277i	1.7261+1.8316i	1.6754+1.5876i	-0.1578-0.1506i	1.6612+1.8681i	-0.1188+0.5116i
17.9	1.7065+1.4380i	-0.0682-0.0995i	1.7935+1.6964i	1.6636+1.3620i	-0.1423-0.1137i	1.6911+1.6912i	-0.1248+0.4174i
18.0	1.6578+1.2601i	-0.0578-0.0785i	1.8023+1.5326i	1.6110+1.1937i	-0.1276-0.0890i	1.6669+1.5266i	-0.1416+0.3538i
18.1	1.5928+1.1214i	-0.0448-0.0597i	1.7733+1.3864i	1.5426+1.0625i	-0.1128-0.0684i	1.6164+1.3879i	-0.1575+0.3061i
18.2	1.5153+0.9644i	-0.0266-0.0427i	1.7258+1.2391i	1.4614+0.9156i	-0.0889-0.0510i	1.5714+1.2372i	-0.1694+0.2505i

18.3	1.4567+0.8675i	-0.0160-0.0355i	1.6962+1.1611i	1.4024+0.8248i	-0.0756-0.0420i	1.5471+1.1570i	-0.1813+0.2152i
18.4	1.4126+0.7965i	-0.0097-0.0299i	1.6817+1.1155i	1.3577+0.7558i	-0.0678-0.0342i	1.5299+1.0995i	-0.1903+0.1881i
18.5	1.3624+0.7142i	0.0018-0.0245i	1.7132+1.0557i	1.3049+0.6788i	-0.0547-0.0285i	1.5375+1.0171i	-0.2143+0.1482i
18.6	1.3101+0.6127i	0.0086-0.0196i	1.7716+0.8990i	1.2527+0.5832i	-0.0456-0.0194i	1.5503+0.8647i	-0.2567+0.1164i
18.7	1.2304+0.5565i	0.0127-0.0137i	1.7040+0.7458i	1.1759+0.5319i	-0.0388-0.0121i	1.4746+0.7395i	-0.2887+0.1153i
18.8	1.1447+0.5159i	0.0128-0.0057i	1.5892+0.6415i	1.0920+0.4971i	-0.0335-0.0039i	1.3705+0.6535i	-0.3038+0.1197i
18.9	1.0901+0.4933i	0.0193-0.0007i	1.5301+0.6077i	1.0372+0.4770i	-0.0262+0.0011i	1.3068+0.6279i	-0.3182+0.1224i
19.0	1.0516+0.4811i	0.0215+0.0042i	1.5008+0.5818i	0.9997+0.4646i	-0.0202+0.0058i	1.2770+0.6099i	-0.3205+0.1252i
19.1	1.0092+0.4650i	0.0273+0.0017i	1.4535+0.5400i	0.9580+0.4513i	-0.0124+0.0041i	1.2317+0.5708i	-0.3297+0.1203i
19.2	0.9707+0.4439i	0.0312+0.0067i	1.4206+0.4983i	0.9169+0.4363i	-0.0063+0.0068i	1.2011+0.5244i	-0.3335+0.1089i
19.3	0.9248+0.4302i	0.0373+0.0109i	1.3787+0.4570i	0.8743+0.4243i	0.0021+0.0101i	1.1555+0.4860i	-0.3474+0.1063i
19.4	0.8858+0.4249i	0.0416+0.0171i	1.3314+0.4259i	0.8358+0.4201i	0.0079+0.0144i	1.1091+0.4581i	-0.3477+0.1065i
19.5	0.8599+0.4352i	0.0415+0.0186i	1.3036+0.4126i	0.8108+0.4315i	0.0079+0.0157i	1.0735+0.4425i	-0.3536+0.1074i
19.6	0.8236+0.4455i	0.0473+0.0170i	1.2741+0.3886i	0.7768+0.4443i	0.0123+0.0154i	1.0434+0.4232i	-0.3644+0.1133i
19.7	0.8003+0.4567i	0.0542+0.0145i	1.2402+0.3719i	0.7549+0.4559i	0.0200+0.0122i	1.0123+0.4132i	-0.3682+0.1210i
19.8	0.7778+0.4726i	0.0604+0.0108i	1.1977+0.3531i	0.7323+0.4740i	0.0299+0.0079i	0.9743+0.4005i	-0.3718+0.1309i
19.9	0.7597+0.4916i	0.0591+0.0084i	1.1684+0.3368i	0.7164+0.4960i	0.0284+0.0051i	0.9454+0.3898i	-0.3746+0.1392i
20.0	0.7579+0.5142i	0.0596+0.0078i	1.1552+0.3290i	0.7152+0.5186i	0.0294+0.0022i	0.9349+0.3875i	-0.3741+0.1380i
20.1	0.7628+0.5444i	0.0523+0.0142i	1.1386+0.3103i	0.7203+0.5513i	0.0242+0.0070i	0.9175+0.3825i	-0.3718+0.1595i
20.2	0.7697+0.5702i	0.0530+0.0177i	1.1141+0.3024i	0.7299+0.5773i	0.0245+0.0128i	0.8922+0.3771i	-0.3660+0.1676i
20.3	0.7901+0.5986i	0.0588+0.0206i	1.0912+0.2990i	0.7510+0.6026i	0.0302+0.0146i	0.8808+0.3755i	-0.3548+0.1659i
20.4	0.8181+0.6144i	0.0607+0.0259i	1.0676+0.2704i	0.7800+0.6186i	0.0326+0.0178i	0.8765+0.3567i	-0.3455+0.1743i
20.5	0.8425+0.6189i	0.0648+0.0276i	1.0412+0.2531i	0.8058+0.6271i	0.0357+0.0190i	0.8589+0.3389i	-0.3354+0.1835i
20.6	0.8848+0.6105i	0.0717+0.0415i	1.0290+0.2465i	0.8465+0.6201i	0.0420+0.0301i	0.8515+0.3267i	-0.3198+0.1703i
20.7	0.9211+0.6005i	0.0841+0.0534i	1.0075+0.2473i	0.8836+0.6080i	0.0516+0.0387i	0.8319+0.3190i	-0.3100+0.1522i
20.8	0.9541+0.5828i	0.1067+0.0480i	0.9881+0.2500i	0.9156+0.5894i	0.0718+0.0341i	0.8148+0.3144i	-0.3201+0.1396i
20.9	0.9884+0.5525i	0.1239+0.0327i	0.9801+0.2378i	0.9492+0.5614i	0.0855+0.0211i	0.8025+0.3025i	-0.3355+0.1398i
21.0	1.0076+0.5122i	0.1317+0.0187i	0.9492+0.2243i	0.9683+0.5226i	0.0931+0.0089i	0.7682+0.2918i	-0.3352+0.1444i
21.1	1.0128+0.4957i	0.1335+0.0057i	0.9253+0.2270i	0.9745+0.5059i	0.0964-0.0022i	0.7487+0.2952i	-0.3282+0.1448i
21.2	1.0137+0.4675i	0.1382-0.0053i	0.9087+0.2354i	0.9762+0.4787i	0.1021-0.0112i	0.7333+0.2993i	-0.3327+0.1366i
21.3	1.0172+0.4462i	0.1474-0.0090i	0.8906+0.2474i	0.9789+0.4581i	0.1075-0.0148i	0.7167+0.3099i	-0.3388+0.1265i
21.4	1.0211+0.4235i	0.1303-0.0152i	0.8746+0.2630i	0.9832+0.4349i	0.0923-0.0229i	0.7041+0.3288i	-0.3270+0.1286i
21.5	1.0278+0.3945i	0.1191-0.0403i	0.8721+0.2709i	0.9912+0.4101i	0.0843-0.0470i	0.7046+0.3401i	-0.3241+0.1478i
21.6	1.0272+0.3733i	0.1163-0.0388i	0.8714+0.2823i	0.9918+0.3917i	0.0823-0.0466i	0.7043+0.3434i	-0.3250+0.1424i
21.7	1.0293+0.3672i	0.1253-0.0396i	0.8757+0.2891i	0.9938+0.3854i	0.0901-0.0475i	0.7028+0.3504i	-0.3385+0.1419i
21.8	1.0371+0.3500i	0.1298-0.0582i	0.8946+0.2999i	0.9985+0.3692i	0.0926-0.0638i	0.7244+0.3658i	-0.3429+0.1438i
21.9	1.0355+0.3309i	0.1085-0.0449i	0.9135+0.3033i	1.0025+0.3503i	0.0711-0.0508i	0.7493+0.3660i	-0.3329+0.1325i
22.0	1.0404+0.3148i	0.0981-0.0445i	0.9223+0.2962i	1.0114+0.3381i	0.0610-0.0523i	0.7632+0.3576i	-0.3231+0.1367i
22.1	1.0437+0.3029i	0.0936-0.0610i	0.9335+0.2905i	1.0137+0.3251i	0.0564-0.0663i	0.7777+0.3485i	-0.3240+0.1391i
22.2	1.0419+0.2839i	0.0850-0.0617i	0.9400+0.2755i	1.0158+0.3045i	0.0469-0.0675i	0.7917+0.3312i	-0.3191+0.1273i
22.3	1.0406+0.2650i	0.0788-0.0706i	0.9434+0.2497i	1.0173+0.2855i	0.0416-0.0745i	0.7973+0.3042i	-0.3192+0.1312i
22.4	1.0423+0.2445i	0.0813-0.0547i	0.9507+0.2213i	1.0225+0.2616i	0.0414-0.0587i	0.8016+0.2712i	-0.3233+0.1143i
22.5	1.0406+0.2300i	0.0960-0.0473i	0.9477+0.2052i	1.0206+0.2483i	0.0558-0.0516i	0.7980+0.2501i	-0.3368+0.1076i
22.6	1.0360+0.2115i	0.1021-0.0451i	0.9444+0.1882i	1.0153+0.2279i	0.0621-0.0485i	0.7933+0.2272i	-0.3518+0.1007i
22.7	1.0331+0.1963i	0.1035-0.0464i	0.9424+0.1680i	1.0109+0.2096i	0.0603-0.0488i	0.7821+0.2033i	-0.3701+0.0993i
22.8	1.0283+0.1834i	0.1183-0.0677i	0.9298+0.1547i	1.0049+0.1957i	0.0709-0.0670i	0.7658+0.1864i	-0.3834+0.1129i
22.9	1.0226+0.1687i	0.1410-0.0839i	0.9164+0.1357i	0.9996+0.1820i	0.0911-0.0801i	0.7457+0.1676i	-0.4142+0.1359i
23.0	1.0187+0.1552i	0.1437-0.1059i	0.9023+0.1257i	0.9955+0.1709i	0.0964-0.0978i	0.7298+0.1577i	-0.4228+0.1610i
23.1	1.0158+0.1444i	0.1305-0.1351i	0.8936+0.1129i	0.9917+0.1629i	0.0830-0.1236i	0.7225+0.1509i	-0.4130+0.1990i
23.2	1.0108+0.1353i	0.1197-0.1502i	0.8820+0.1031i	0.9907+0.1537i	0.0739-0.1366i	0.7142+0.1420i	-0.3911+0.2093i
23.3	1.0023+0.1281i	0.0884-0.1655i	0.8673+0.1010i	0.9868+0.1458i	0.0484-0.1491i	0.6981+0.1363i	-0.3679+0.2139i
23.4	1.0005+0.1205i	0.0653-0.1722i	0.8567+0.0967i	0.9858+0.1384i	0.0272-0.1553i	0.6896+0.1256i	-0.3481+0.2164i
23.5	1.0003+0.1112i	0.0570-0.1620i	0.8501+0.0848i	0.9860+0.1238i	0.0177-0.1472i	0.6825+0.1136i	-0.3428+0.2033i
23.6	0.9964+0.1031i	0.0501-0.1696i	0.8347+0.0835i	0.9811+0.1142i	0.0106-0.1522i	0.6680+0.1044i	-0.3433+0.1975i
23.7	0.9992+0.0968i	0.0051-0.1685i	0.8421+0.0762i	0.9858+0.1036i	-0.0266-0.1496i	0.6567+0.0927i	-0.3249+0.1944i
23.8	0.9994+0.0946i	-0.0159-0.1396i	0.8393+0.0756i	0.9840+0.0998i	-0.0447-0.1249i	0.6414+0.0824i	-0.3220+0.1665i
23.9	0.9932+0.0804i	-0.0337-0.1433i	0.8197+0.0660i	0.9765+0.0825i	-0.0616-0.1286i	0.6220+0.0709i	-0.3144+0.1602i
24.0	0.9927+0.0728i	-0.0378-0.1344i	0.8172+0.0559i	0.9744+0.0748i	-0.0659-0.1221i	0.6116+0.0646i	-0.3155+0.1554i
24.1	0.9839+0.0678i	-0.0443-0.1237i	0.7923+0.0479i	0.9658+0.0694i	-0.0712-0.1127i	0.5898+0.0598i	-0.3118+0.1421i
24.2	0.9873+0.0677i	-0.0670-0.1033i	0.7942+0.0464i	0.9659+0.0672i	-0.0902-0.0937i	0.5737+0.0585i	-0.3195+0.1298i
24.3	0.9909+0.0577i	-0.0711-0.0779i	0.7895+0.0306i	0.9664+0.0583i	-0.0939-0.0683i	0.5626+0.0534i	-0.3258+0.1267i
24.4	0.9930+0.0430i	-0.0791-0.0613i	0.7825+0.0154i	0.9674+0.0450i	-0.1019-0.0538i	0.5536+0.0462i	-0.3278+0.1298i
24.5	0.9956+0.0442i	-0.0786-0.0506i	0.7749+0.0192i	0.9682+0.0471i	-0.1030-0.0459i	0.5405+0.0466i	-0.3422+0.1224i

24.6	0.9950+0.0441i	-0.0758-0.0458i	0.7576+0.0195i	0.9664+0.0442i	-0.1034-0.0419i	0.5261+0.0429i	-0.3469+0.1158i
24.7	0.9966+0.0316i	-0.0559-0.0368i	0.7447+0.0051i	0.9692+0.0316i	-0.0833-0.0319i	0.5109+0.0336i	-0.3513+0.1181i
24.8	0.9950+0.0143i	-0.0450-0.0265i	0.7204-0.0114i	0.9672+0.0169i	-0.0726-0.0202i	0.4955+0.0225i	-0.3568+0.1194i
24.9	0.9930+0.0060i	-0.0375-0.0201i	0.7025-0.0117i	0.9652+0.0096i	-0.0657-0.0129i	0.4799+0.0181i	-0.3618+0.1122i
25.0	0.9930-0.0028i	-0.0440-0.0166i	0.6842-0.0081i	0.9620-0.0002i	-0.0725-0.0100i	0.4594+0.0132i	-0.3632+0.0988i
25.1	0.9921-0.0075i	-0.0487-0.0173i	0.6652-0.0091i	0.9606-0.0079i	-0.0778-0.0117i	0.4353+0.0115i	-0.3744+0.0981i
25.2	0.9845-0.0155i	-0.0471-0.0070i	0.6466-0.0041i	0.9534-0.0130i	-0.0761-0.0002i	0.4142+0.0134i	-0.3794+0.0965i
25.3	0.9775-0.0194i	-0.0487-0.0010i	0.6313+0.0039i	0.9466-0.0162i	-0.0758+0.0065i	0.3983+0.0154i	-0.3856+0.0880i
25.4	0.9705-0.0237i	-0.0562-0.0073i	0.6094+0.0138i	0.9377-0.0233i	-0.0814-0.0009i	0.3716+0.0220i	-0.3938+0.0915i
25.5	0.9677-0.0248i	-0.0587-0.0070i	0.5909+0.0290i	0.9357-0.0244i	-0.0847+0.0000i	0.3415+0.0263i	-0.4079+0.0817i
25.6	0.9682-0.0206i	-0.0461-0.0007i	0.5757+0.0453i	0.9338-0.0209i	-0.0731+0.0053i	0.3116+0.0320i	-0.4365+0.0680i
25.7	0.9642-0.0185i	-0.0382+0.0066i	0.5533+0.0540i	0.9298-0.0192i	-0.0630+0.0110i	0.2849+0.0441i	-0.4542+0.0706i
25.8	0.9642-0.0164i	-0.0410+0.0116i	0.5379+0.0734i	0.9297-0.0151i	-0.0672+0.0146i	0.2666+0.0574i	-0.4656+0.0652i
25.9	0.9673-0.0109i	-0.0496+0.0249i	0.5227+0.1047i	0.9326-0.0129i	-0.0756+0.0258i	0.2454+0.0768i	-0.4807+0.0609i
26.0	0.9730-0.0104i	-0.0568+0.0320i	0.5197+0.1348i	0.9364-0.0153i	-0.0839+0.0334i	0.2176+0.0930i	-0.5152+0.0559i
26.1	0.9798-0.0124i	-0.0596+0.0494i	0.5112+0.1779i	0.9427-0.0166i	-0.0876+0.0504i	0.1898+0.1126i	-0.5450+0.0430i
26.2	0.9810-0.0074i	-0.0689+0.0600i	0.5118+0.2337i	0.9427-0.0173i	-0.0962+0.0591i	0.1658+0.1414i	-0.5819+0.0324i
26.3	0.9754-0.0045i	-0.0780+0.0917i	0.5205+0.2925i	0.9367-0.0205i	-0.1030+0.0897i	0.1369+0.1794i	-0.6288+0.0424i
26.4	0.9832+0.0033i	-0.0573+0.1452i	0.6036+0.3686i	0.9330-0.0151i	-0.0838+0.1381i	0.1260+0.2544i	-0.7071+0.0814i
26.5	0.9962+0.0132i	-0.0055+0.1604i	0.6849+0.3873i	0.9374-0.0061i	-0.0349+0.1522i	0.1443+0.2970i	-0.7569+0.1176i
26.6	1.0175+0.0278i	0.0573+0.1372i	0.7909+0.3618i	0.9469+0.0096i	0.0181+0.1284i	0.1710+0.3314i	-0.8071+0.1864i
26.7	1.0404+0.0390i	0.0993+0.1259i	0.8712+0.3252i	0.9634+0.0264i	0.0548+0.1152i	0.2029+0.3590i	-0.8300+0.2509i
26.8	1.0683+0.0361i	0.1054+0.1095i	0.9093+0.2638i	0.9854+0.0312i	0.0616+0.0992i	0.2310+0.3747i	-0.8293+0.3188i
26.9	1.1010+0.0193i	0.1216+0.0650i	0.9388+0.1820i	1.0153+0.0221i	0.0736+0.0603i	0.2622+0.3699i	-0.8245+0.3796i
27.0	1.1226+0.0085i	0.1167+0.0456i	0.9477+0.1465i	1.0377+0.0165i	0.0664+0.0439i	0.2760+0.3716i	-0.8191+0.4158i
27.1	1.1471-0.0083i	0.1165+0.0183i	0.9633+0.0854i	1.0583+0.0032i	0.0635+0.0191i	0.2835+0.3746i	-0.8347+0.4790i
27.2	1.1665-0.0302i	0.1176+0.0049i	0.9703+0.0202i	1.0722-0.0111i	0.0595+0.0095i	0.2863+0.3814i	-0.8434+0.5588i
27.3	1.1800-0.0536i	0.1155-0.0038i	0.9669-0.0512i	1.0839-0.0266i	0.0557+0.0027i	0.2842+0.3964i	-0.8507+0.6612i
27.4	1.1888-0.0658i	0.1109-0.0110i	0.9376-0.0987i	1.0922-0.0333i	0.0537-0.0012i	0.2909+0.4052i	-0.8105+0.7267i
27.5	1.2045-0.0747i	0.1161-0.0148i	0.9071-0.1330i	1.1084-0.0389i	0.0584-0.0014i	0.2972+0.4216i	-0.7724+0.7932i
27.6	1.2213-0.0993i	0.1080-0.0284i	0.8883-0.1946i	1.1224-0.0535i	0.0493-0.0118i	0.3036+0.4504i	-0.7439+0.9166i
27.7	1.2365-0.1328i	0.1009-0.0405i	0.8447-0.2638i	1.1346-0.0754i	0.0451-0.0191i	0.3349+0.4837i	-0.6421+1.0490i
27.8	1.2430-0.1559i	0.0795-0.0616i	0.7664-0.3259i	1.1453-0.0898i	0.0235-0.0337i	0.3809+0.5125i	-0.4795+1.1732i
27.9	1.2391-0.1771i	0.0640-0.0682i	0.6786-0.3561i	1.1518-0.0993i	0.0111-0.0354i	0.4321+0.5184i	-0.2898+1.2198i
28.0	1.2457-0.1920i	0.0442-0.0606i	0.5747-0.3415i	1.1662-0.1080i	-0.0018-0.0279i	0.4921+0.4994i	-0.0639+1.1739i
28.1	1.2465-0.2042i	0.0309-0.0632i	0.4920-0.2959i	1.1766-0.1241i	-0.0115-0.0326i	0.5333+0.4535i	0.1043+1.0409i
28.2	1.2458-0.2180i	0.0272-0.0595i	0.4391-0.2419i	1.1851-0.1347i	-0.0158-0.0303i	0.5615+0.4075i	0.2088+0.8901i
28.3	1.2500-0.2337i	0.0288-0.0409i	0.4153-0.1794i	1.1955-0.1483i	-0.0153-0.0106i	0.5764+0.3508i	0.2545+0.7267i
28.4	1.2571-0.2451i	0.0211-0.0319i	0.4068-0.1388i	1.2053-0.1631i	-0.0218-0.0044i	0.5636+0.3040i	0.2506+0.6151i
28.5	1.2727-0.2502i	0.0189-0.0209i	0.3884-0.1002i	1.2264-0.1722i	-0.0235+0.0029i	0.5491+0.2698i	0.2587+0.5158i
28.6	1.2889-0.2638i	0.0213-0.0163i	0.3855-0.0605i	1.2445-0.1911i	-0.0218+0.0080i	0.5291+0.2414i	0.2332+0.4163i
28.7	1.3084-0.2825i	0.0315-0.0164i	0.3829-0.0247i	1.2698-0.2117i	-0.0131+0.0084i	0.5064+0.2133i	0.2045+0.3185i
28.8	1.3254-0.3028i	0.0283-0.0191i	0.3889-0.0035i	1.2854-0.2388i	-0.0170+0.0082i	0.4817+0.1991i	0.1548+0.2623i
28.9	1.3386-0.3309i	0.0272-0.0250i	0.3928+0.0172i	1.2982-0.2679i	-0.0184+0.0048i	0.4585+0.1882i	0.1172+0.2233i
29.0	1.3501-0.3622i	0.0391-0.0199i	0.3971+0.0361i	1.3106-0.3000i	-0.0051+0.0131i	0.4313+0.1792i	0.0632+0.1806i
29.1	1.3634-0.3984i	0.0353-0.0184i	0.3968+0.0562i	1.3215-0.3378i	-0.0128+0.0149i	0.4062+0.1772i	0.0139+0.1425i
29.2	1.3695-0.4318i	0.0289-0.0239i	0.4003+0.0715i	1.3226-0.3691i	-0.0227+0.0108i	0.3850+0.1782i	-0.0234+0.1287i
29.3	1.3753-0.4683i	0.0282-0.0288i	0.4081+0.0870i	1.3261-0.4071i	-0.0219+0.0102i	0.3688+0.1833i	-0.0616+0.1206i
29.4	1.3807-0.5070i	0.0307-0.0309i	0.4129+0.1039i	1.3335-0.4464i	-0.0182+0.0118i	0.3544+0.1888i	-0.0910+0.1122i
29.5	1.3644-0.5592i	0.0309-0.0304i	0.4185+0.1251i	1.3155-0.4951i	-0.0161+0.0158i	0.3402+0.1920i	-0.1223+0.1004i
29.6	1.3422-0.5962i	0.0187-0.0341i	0.4222+0.1412i	1.2912-0.5281i	-0.0256+0.0130i	0.3204+0.1949i	-0.1512+0.0979i
29.7	1.3250-0.6188i	0.0214-0.0205i	0.4281+0.1678i	1.2773-0.5465i	-0.0209+0.0267i	0.3038+0.2069i	-0.1780+0.0897i
29.8	1.3155-0.6485i	0.0153-0.0168i	0.4430+0.1989i	1.2643-0.5775i	-0.0240+0.0319i	0.2896+0.2150i	-0.2065+0.0765i
29.9	1.3015-0.6907i	0.0085-0.0294i	0.4737+0.2236i	1.2457-0.6196i	-0.0303+0.0237i	0.2732+0.2265i	-0.2382+0.0797i
30.0	1.2711-0.7142i	0.0017-0.0247i	0.5005+0.2342i	1.2170-0.6395i	-0.0367+0.0288i	0.2618+0.2417i	-0.2632+0.0787i
30.1	1.2300-0.7448i	0.0017-0.0201i	0.5364+0.2397i	1.1774-0.6639i	-0.0336+0.0356i	0.2508+0.2549i	-0.2871+0.0742i
30.2	1.1917-0.7582i	0.0069-0.0154i	0.5621+0.2303i	1.1441-0.6741i	-0.0255+0.0391i	0.2451+0.2703i	-0.3086+0.0782i
30.3	1.1617-0.7563i	0.0078-0.0179i	0.5836+0.2154i	1.1163-0.6710i	-0.0205+0.0380i	0.2426+0.2923i	-0.3420+0.0892i
30.4	1.1505-0.7591i	0.0060-0.0183i	0.5960+0.2144i	1.1006-0.6766i	-0.0226+0.0397i	0.2538+0.3170i	-0.3745+0.0975i
30.5	1.1268-0.7751i	0.0011-0.0127i	0.6049+0.2207i	1.0796-0.6875i	-0.0247+0.0483i	0.2731+0.3309i	-0.3791+0.1136i
30.6	1.0913-0.7817i	-0.0057-0.0115i	0.6207+0.2241i	1.0504-0.6889i	-0.0271+0.0496i	0.2889+0.3298i	-0.3795+0.1332i
30.7	1.0490-0.7686i	-0.0001-0.0059i	0.6474+0.2218i	1.0162-0.6786i	-0.0158+0.0549i	0.3013+0.3172i	-0.3873+0.1271i
30.8	1.0160-0.7520i	0.0019+0.0037i	0.6737+0.2270i	0.9889-0.6665i	-0.0107+0.0614i	0.3061+0.3063i	-0.3964+0.1093i

30.9	0.9945-0.7272i	-0.0031+0.0036i	0.7111+0.2123i	0.9664-0.6452i	-0.0103+0.0574i	0.3041+0.2911i	-0.4195+0.0998i
31.0	0.9803-0.7063i	0.0009+0.0024i	0.7396+0.1946i	0.9538-0.6311i	-0.0046+0.0553i	0.3060+0.2741i	-0.4384+0.0855i
31.1	0.9692-0.6817i	0.0049+0.0012i	0.7560+0.1746i	0.9367-0.6117i	0.0009+0.0564i	0.2986+0.2556i	-0.4669+0.0721i
31.2	0.9670-0.6544i	-0.0092-0.0008i	0.7818+0.1512i	0.9236-0.5888i	-0.0105+0.0467i	0.2760+0.2384i	-0.5098+0.0779i
31.3	0.9737-0.6267i	-0.0108-0.0029i	0.8059+0.1247i	0.9237-0.5655i	-0.0110+0.0400i	0.2516+0.2205i	-0.5631+0.0862i
31.4	0.9907-0.5935i	-0.0161-0.0022i	0.8323+0.1002i	0.9314-0.5341i	-0.0182+0.0378i	0.2231+0.2144i	-0.6186+0.0947i
31.5	1.0058-0.5724i	-0.0173+0.0129i	0.8441+0.0703i	0.9427-0.5075i	-0.0189+0.0478i	0.1973+0.2222i	-0.6521+0.1136i
31.6	1.0208-0.5510i	-0.0151+0.0214i	0.8501+0.0356i	0.9574-0.4852i	-0.0160+0.0531i	0.1687+0.2230i	-0.6785+0.1349i
31.7	1.0387-0.5289i	-0.0226+0.0230i	0.8598+0.0081i	0.9688-0.4697i	-0.0252+0.0529i	0.1383+0.2213i	-0.7153+0.1279i
31.8	1.0671-0.5052i	-0.0206+0.0209i	0.8704-0.0259i	0.9871-0.4477i	-0.0271+0.0476i	0.1073+0.2264i	-0.7692+0.1546i
31.9	1.1067-0.4984i	-0.0339+0.0332i	0.8794-0.0644i	1.0127-0.4300i	-0.0361+0.0616i	0.0666+0.2516i	-0.8324+0.1931i
32.0	1.1343-0.4946i	-0.0368+0.0477i	0.8654-0.1004i	1.0370-0.4123i	-0.0390+0.0752i	0.0382+0.2805i	-0.8557+0.2464i
32.1	1.1665-0.4862i	-0.0323+0.0629i	0.8507-0.1375i	1.0658-0.3941i	-0.0412+0.0868i	0.0142+0.3136i	-0.8766+0.2997i
32.2	1.2128-0.4914i	-0.0385+0.0769i	0.8563-0.1795i	1.0925-0.3886i	-0.0541+0.0979i	-0.0150+0.3466i	-0.9191+0.3656i
32.3	1.2732-0.4933i	-0.0472+0.0871i	0.8772-0.2279i	1.1358-0.3814i	-0.0647+0.1112i	-0.0448+0.3985i	-0.9669+0.4514i
32.4	1.3044-0.4865i	-0.0378+0.0969i	0.8697-0.2619i	1.1745-0.3655i	-0.0520+0.1180i	-0.0515+0.4391i	-0.9861+0.5168i
32.5	1.3534-0.5169i	-0.0329+0.1317i	0.8474-0.3302i	1.2068-0.3553i	-0.0493+0.1558i	-0.0459+0.4939i	-0.9853+0.6182i
32.6	1.3972-0.5312i	-0.0268+0.1563i	0.8210-0.3901i	1.2486-0.3443i	-0.0445+0.1805i	-0.0350+0.5441i	-0.9654+0.7098i
32.7	1.4382-0.5383i	-0.0065+0.1740i	0.7897-0.4424i	1.2997-0.3341i	-0.0262+0.1970i	-0.0228+0.5873i	-0.9433+0.7905i
32.8	1.4669-0.5718i	0.0340+0.1891i	0.7435-0.5014i	1.3619-0.3418i	0.0115+0.2118i	0.0035+0.6250i	-0.8820+0.8777i
32.9	1.4994-0.6101i	0.0718+0.2075i	0.6763-0.5597i	1.4231-0.3472i	0.0467+0.2301i	0.0295+0.6685i	-0.8050+0.9817i
33.0	1.5465-0.6299i	0.1151+0.2134i	0.5790-0.6014i	1.5013-0.3599i	0.0855+0.2321i	0.0858+0.7106i	-0.6790+1.0561i
33.1	1.5972-0.6484i	0.1589+0.2194i	0.4693-0.6259i	1.5916-0.3713i	0.1260+0.2310i	0.1499+0.7412i	-0.5485+1.1001i
33.2	1.6548-0.6801i	0.1999+0.1933i	0.3470-0.6236i	1.6850-0.4166i	0.1613+0.2050i	0.2228+0.7440i	-0.3804+1.0788i
33.3	1.7290-0.7332i	0.2308+0.1529i	0.2386-0.5798i	1.7743-0.4883i	0.1825+0.1698i	0.2885+0.7165i	-0.2268+1.0036i
33.4	1.8206-0.8372i	0.2384+0.1070i	0.1642-0.4676i	1.8492-0.6135i	0.1793+0.1383i	0.3372+0.6366i	-0.1391+0.8395i
33.5	1.8401-0.9044i	0.2340+0.0570i	0.1530-0.3793i	1.8580-0.7132i	0.1698+0.0970i	0.3406+0.5724i	-0.1419+0.7197i
33.6	1.8260-0.9815i	0.2184+0.0174i	0.1737-0.2968i	1.8345-0.8023i	0.1570+0.0674i	0.3132+0.5150i	-0.1974+0.6036i
33.7	1.8231-1.0896i	0.1756+0.0076i	0.2153-0.2288i	1.8145-0.8960i	0.1191+0.0669i	0.2569+0.4600i	-0.2792+0.4831i
33.8	1.8396-1.1861i	0.1391+0.0133i	0.2651-0.1919i	1.8063-0.9723i	0.0892+0.0835i	0.1974+0.4172i	-0.3508+0.3797i
33.9	1.8004-1.2316i	0.1229+0.0158i	0.3051-0.1734i	1.7737-1.0137i	0.0821+0.0857i	0.1446+0.4148i	-0.4488+0.3321i
34.0	1.8123-1.2702i	0.1037+0.0309i	0.3959-0.1786i	1.7637-1.0452i	0.0656+0.0971i	0.0492+0.4131i	-0.6463+0.3427i
34.1	1.7746-1.3143i	0.1115+0.0502i	0.4349-0.2268i	1.7410-1.0694i	0.0779+0.1150i	-0.0132+0.4691i	-0.7669+0.4214i
34.2	1.7499-1.3459i	0.1169+0.0611i	0.4430-0.3012i	1.7230-1.0839i	0.0866+0.1242i	-0.0496+0.5383i	-0.8388+0.5225i
34.3	1.7577-1.3891i	0.1290+0.0827i	0.4397-0.3902i	1.7344-1.0928i	0.0981+0.1462i	-0.0839+0.6095i	-0.9031+0.6349i
34.4	1.8012-1.4094i	0.1339+0.0870i	0.4176-0.4355i	1.7729-1.0976i	0.0976+0.1482i	-0.0977+0.6408i	-0.9187+0.7089i
34.5	1.7993-1.4509i	0.1518+0.0932i	0.3636-0.5038i	1.7988-1.1153i	0.1164+0.1553i	-0.0879+0.7162i	-0.9284+0.8114i
34.6	1.7922-1.5159i	0.1722+0.1008i	0.2839-0.5763i	1.8274-1.1483i	0.1400+0.1653i	-0.0692+0.8072i	-0.9198+0.9087i
34.7	1.7929-1.5641i	0.1920+0.1014i	0.2119-0.6342i	1.8604-1.1787i	0.1589+0.1650i	-0.0506+0.8727i	-0.9132+0.9951i
34.8	1.8119-1.6285i	0.2179+0.0974i	0.1138-0.6734i	1.9183-1.2298i	0.1813+0.1641i	-0.0191+0.9319i	-0.9137+1.1303i
34.9	1.8280-1.6940i	0.2298+0.0905i	0.0110-0.6944i	1.9679-1.2839i	0.1936+0.1598i	0.0209+0.9845i	-0.8563+1.2338i
35.0	1.8099-1.7419i	0.2497+0.0784i	-0.1136-0.6560i	2.0024-1.3480i	0.2166+0.1468i	0.1003+0.9957i	-0.7751+1.3027i
35.1	1.7993-1.8031i	0.2668+0.0713i	-0.2336-0.6030i	2.0431-1.4224i	0.2345+0.1420i	0.1727+1.0038i	-0.6774+1.3650i
35.2	1.8098-1.8399i	0.2935+0.0506i	-0.3634-0.5332i	2.1051-1.4926i	0.2601+0.1206i	0.2518+0.9786i	-0.5596+1.3647i
35.3	1.8550-1.9020i	0.3085+0.0272i	-0.4565-0.4462i	2.1773-1.5905i	0.2714+0.0972i	0.2898+0.9438i	-0.4927+1.3829i
35.4	1.8571-2.0193i	0.3139+0.0163i	-0.4918-0.3487i	2.1883-1.7339i	0.2721+0.0970i	0.2807+0.9303i	-0.4030+1.4314i
35.5	1.8448-2.1046i	0.3189-0.0041i	-0.5153-0.2410i	2.1893-1.8568i	0.2776+0.0794i	0.2903+0.8973i	-0.3382+1.4022i
35.6	1.8416-2.2031i	0.3178-0.0225i	-0.5286-0.1393i	2.1901-1.9870i	0.2777+0.0626i	0.2750+0.8653i	-0.2897+1.3939i
35.7	1.8181-2.2947i	0.3314-0.0263i	-0.5402-0.0396i	2.1773-2.1020i	0.2930+0.0627i	0.2616+0.8557i	-0.2280+1.3490i
35.8	1.7891-2.3941i	0.3395-0.0455i	-0.5189+0.0500i	2.1464-2.2283i	0.3028+0.0478i	0.2369+0.8586i	-0.2047+1.3093i
35.9	1.7548-2.4893i	0.3441-0.0657i	-0.5096+0.1083i	2.1143-2.3417i	0.3087+0.0345i	0.2186+0.8792i	-0.1728+1.2924i
36.0	1.6894-2.5520i	0.3364-0.0808i	-0.4764+0.1598i	2.0457-2.4234i	0.3050+0.0227i	0.2023+0.8908i	-0.1743+1.2883i
36.1	1.6474-2.6415i	0.3371-0.0980i	-0.4391+0.2179i	1.9920-2.5318i	0.3079+0.0078i	0.1836+0.9126i	-0.2087+1.2673i
36.2	1.6284-2.7048i	0.3397-0.1127i	-0.4227+0.2744i	1.9695-2.6117i	0.3116-0.0066i	0.1810+0.9299i	-0.2283+1.2287i
36.3	1.5855-2.7804i	0.3315-0.1275i	-0.3932+0.3079i	1.9184-2.6989i	0.3053-0.0177i	0.1589+0.9653i	-0.2303+1.2632i
36.4	1.5601-2.8485i	0.3435-0.1388i	-0.3755+0.3408i	1.8949-2.7761i	0.3140-0.0233i	0.1531+1.0145i	-0.2359+1.2873i
36.5	1.5194-2.9289i	0.3467-0.1511i	-0.3423+0.3613i	1.8497-2.8602i	0.3138-0.0320i	0.1591+1.0507i	-0.2392+1.3303i
36.6	1.4676-3.0288i	0.3533-0.1768i	-0.3105+0.3866i	1.8011-2.9689i	0.3220-0.0530i	0.1562+1.1117i	-0.2026+1.3749i
36.7	1.4127-3.0977i	0.3659-0.1939i	-0.2988+0.4094i	1.7524-3.0497i	0.3364-0.0658i	0.1717+1.1448i	-0.1415+1.4277i
36.8	1.3674-3.2004i	0.3768-0.2184i	-0.2752+0.4485i	1.7161-3.1734i	0.3444-0.0822i	0.1893+1.1544i	-0.1322+1.4653i
36.9	1.3037-3.3022i	0.3853-0.2521i	-0.2529+0.4631i	1.6671-3.2943i	0.3554-0.1073i	0.2008+1.1845i	-0.0786+1.5188i
37.0	1.2733-3.3458i	0.3947-0.2799i	-0.2497+0.4703i	1.6453-3.3572i	0.3691-0.1268i	0.2096+1.2006i	-0.0151+1.4950i
37.1	1.2171-3.4786i	0.3795-0.3269i	-0.2138+0.5072i	1.5782-3.5248i	0.3562-0.1651i	0.1934+1.2213i	-0.0077+1.4883i

37.2	1.1693-3.6421i	0.3791-0.3719i	-0.1696+0.5293i	1.5233-3.7131i	0.3574-0.1997i	0.1888+1.2936i	-0.0385+1.5353i
37.3	1.1183-3.8243i	0.3835-0.4167i	-0.1339+0.5471i	1.4810-3.9201i	0.3684-0.2265i	0.1944+1.3811i	-0.0474+1.6238i
37.4	0.9801-3.9976i	0.3528-0.4808i	-0.1046+0.5497i	1.3233-4.1325i	0.3528-0.2755i	0.2199+1.4708i	0.0233+1.7566i
37.5	0.8559-4.1490i	0.3241-0.5240i	-0.0732+0.5415i	1.1829-4.3114i	0.3405-0.3092i	0.2506+1.5535i	0.1152+1.8707i
37.6	0.6513-4.2360i	0.2754-0.5574i	-0.0730+0.5070i	0.9589-4.4231i	0.3115-0.3362i	0.3063+1.6508i	0.2638+1.9470i
37.7	0.4224-4.3828i	0.2168-0.5993i	-0.0777+0.4887i	0.7088-4.5959i	0.2744-0.3674i	0.4153+1.7398i	0.4750+2.0277i
37.8	0.1419-4.5463i	0.1396-0.6460i	-0.1080+0.4896i	0.3957-4.7927i	0.2248-0.4047i	0.6023+1.8238i	0.7894+2.0190i
37.9	-0.1007-4.5847i	0.0743-0.6607i	-0.1298+0.4999i	0.1196-4.8478i	0.1813-0.4256i	0.7289+1.8282i	0.9899+1.8871i
38.0	-0.4288-4.5919i	-0.0250-0.6652i	-0.1379+0.5398i	-0.2736-4.8736i	0.1148-0.4393i	0.9004+1.7801i	1.1897+1.6428i
38.1	-0.6519-4.4967i	-0.1046-0.6271i	-0.1162+0.5554i	-0.5601-4.7665i	0.0537-0.4258i	0.9815+1.7097i	1.1939+1.4512i
38.2	-0.8248-4.4031i	-0.1561-0.5803i	-0.1135+0.5556i	-0.7748-4.6497i	0.0184-0.4000i	1.0490+1.6641i	1.1762+1.3026i
38.3	-1.0003-4.3714i	-0.2074-0.5374i	-0.1448+0.5780i	-0.9898-4.5870i	-0.0220-0.3736i	1.1219+1.6204i	1.1774+1.1626i
38.4	-1.1374-4.3818i	-0.2396-0.5062i	-0.1618+0.5848i	-1.1534-4.5757i	-0.0464-0.3577i	1.1809+1.6190i	1.1673+1.0940i
38.5	-1.3592-4.2967i	-0.2725-0.4429i	-0.2246+0.6392i	-1.4038-4.4457i	-0.0823-0.3201i	1.2915+1.5606i	1.1518+1.0389i
38.6	-1.5472-4.2732i	-0.2860-0.4033i	-0.2449+0.6976i	-1.5951-4.3906i	-0.0961-0.2903i	1.3903+1.5097i	1.1682+0.9844i
38.7	-1.7334-4.2192i	-0.2890-0.3586i	-0.2461+0.8066i	-1.7774-4.3018i	-0.1038-0.2572i	1.4693+1.4333i	1.1651+0.9244i
38.8	-2.0080-4.1162i	-0.2961-0.3104i	-0.1934+0.9156i	-2.0461-4.1554i	-0.1120-0.2175i	1.5302+1.3223i	1.1640+0.8322i
38.9	-2.2089-3.9811i	-0.2950-0.2698i	-0.1248+0.9827i	-2.2295-3.9875i	-0.1094-0.1896i	1.5496+1.2080i	1.1593+0.7597i
39.0	-2.3977-3.7797i	-0.2836-0.2320i	-0.0267+1.0374i	-2.3961-3.7574i	-0.1021-0.1617i	1.5359+1.0791i	1.1442+0.6844i
39.1	-2.5494-3.5840i	-0.2605-0.2056i	0.0588+1.0385i	-2.5141-3.5484i	-0.0821-0.1408i	1.5249+0.9958i	1.1391+0.5979i
39.2	-2.6600-3.4369i	-0.2446-0.1922i	0.1239+1.0365i	-2.5955-3.4023i	-0.0656-0.1379i	1.5127+0.9547i	1.1231+0.5301i
39.3	-2.7982-3.2469i	-0.2286-0.1777i	0.1874+1.0224i	-2.7077-3.2228i	-0.0511-0.1335i	1.5025+0.9028i	1.0750+0.4622i
39.4	-2.8563-3.0389i	-0.2186-0.1630i	0.2213+1.0259i	-2.7510-3.0255i	-0.0448-0.1260i	1.4877+0.8428i	1.0108+0.4036i
39.5	-2.9805-2.8048i	-0.2145-0.1614i	0.2794+1.0240i	-2.8615-2.8172i	-0.0403-0.1309i	1.4808+0.7767i	0.9698+0.3413i
39.6	-2.9990-2.5940i	-0.2189-0.1691i	0.3224+0.9954i	-2.8831-2.6337i	-0.0475-0.1466i	1.4471+0.7279i	0.9295+0.3266i
39.7	-2.9720-2.3595i	-0.2508-0.1515i	0.3685+0.9204i	-2.8861-2.4100i	-0.0864-0.1330i	1.4227+0.7182i	0.9238+0.2871i
39.8	-2.9957-2.2238i	-0.2318-0.1262i	0.3271+0.8866i	-2.8990-2.2688i	-0.0716-0.1051i	1.4707+0.6666i	0.8604+0.2197i
39.9	-2.9606-2.0416i	-0.2026-0.1169i	0.2958+0.9049i	-2.8515-2.0967i	-0.0463-0.1019i	1.4531+0.5860i	0.7723+0.2006i
40.0	-2.9142-1.8696i	-0.1976-0.1124i	0.3194+0.9404i	-2.8175-1.9398i	-0.0442-0.1032i	1.3987+0.5453i	0.7246+0.2081i
40.1	-2.8775-1.6961i	-0.1960-0.1113i	0.3734+0.9849i	-2.8029-1.7822i	-0.0462-0.1094i	1.3495+0.4613i	0.6792+0.2106i
40.2	-2.8263-1.5834i	-0.1954-0.1197i	0.4062+1.0057i	-2.7597-1.6905i	-0.0488-0.1213i	1.3075+0.4079i	0.6468+0.2056i
40.3	-2.7727-1.4747i	-0.2039-0.1204i	0.4840+0.9888i	-2.7328-1.5904i	-0.0610-0.1257i	1.2329+0.3934i	0.6069+0.1943i
40.4	-2.7030-1.3908i	-0.2107-0.1136i	0.5095+0.9603i	-2.6987-1.5026i	-0.0712-0.1188i	1.1946+0.3960i	0.5650+0.2077i
40.5	-2.6483-1.3032i	-0.2175-0.0998i	0.5295+0.9498i	-2.6656-1.3968i	-0.0800-0.1026i	1.1468+0.3860i	0.5390+0.2255i
40.6	-2.5986-1.2159i	-0.2300-0.0801i	0.5744+0.9172i	-2.6385-1.2804i	-0.0956-0.0856i	1.0932+0.3952i	0.5031+0.2501i
40.7	-2.5352-1.1428i	-0.2281-0.0637i	0.5936+0.8652i	-2.5846-1.1792i	-0.0964-0.0717i	1.0707+0.4228i	0.4913+0.2708i
40.8	-2.4941-1.0836i	-0.2300-0.0455i	0.6124+0.8301i	-2.5562-1.0951i	-0.1027-0.0573i	1.0351+0.4145i	0.4824+0.2867i
40.9	-2.4538-1.0087i	-0.2206-0.0326i	0.5774+0.8092i	-2.4995-1.0135i	-0.0925-0.0428i	1.0336+0.4190i	0.4765+0.3009i
41.0	-2.3812-0.9321i	-0.2145-0.0227i	0.5432+0.8095i	-2.4197-0.9339i	-0.0893-0.0310i	1.0532+0.4068i	0.4953+0.3105i
41.1	-2.3130-0.8916i	-0.2201-0.0166i	0.5849+0.8522i	-2.3801-0.8772i	-0.1001-0.0283i	0.9991+0.3606i	0.5029+0.3157i
41.2	-2.2663-0.8541i	-0.2085-0.0024i	0.6261+0.8341i	-2.3240-0.8038i	-0.0863-0.0137i	0.9472+0.3697i	0.4932+0.2974i
41.3	-2.2338-0.8192i	-0.1969+0.0080i	0.6103+0.7602i	-2.2644-0.7575i	-0.0741-0.0033i	0.9488+0.4140i	0.4602+0.2936i
41.4	-2.1971-0.7649i	-0.1956+0.0126i	0.5225+0.8022i	-2.2246-0.7167i	-0.0712-0.0009i	0.9790+0.3554i	0.4803+0.3254i
41.5	-2.1428-0.7322i	-0.1885+0.0216i	0.5776+0.8765i	-2.1791-0.6809i	-0.0673+0.0048i	0.9215+0.3208i	0.5069+0.3112i
41.6	-2.0714-0.7051i	-0.1827+0.0163i	0.6342+0.8884i	-2.1253-0.6573i	-0.0681-0.0048i	0.8706+0.3003i	0.5136+0.3198i
41.7	-2.0079-0.6817i	-0.1942+0.0206i	0.7051+0.8776i	-2.0776-0.6217i	-0.0808-0.0034i	0.7991+0.3172i	0.5197+0.2953i
41.8	-1.9725-0.6900i	-0.1965+0.0445i	0.7578+0.7888i	-2.0504-0.5960i	-0.0883+0.0221i	0.7550+0.3918i	0.5105+0.2585i
41.9	-1.9387-0.7077i	-0.1996+0.0710i	0.7324+0.7767i	-2.0360-0.5682i	-0.0921+0.0496i	0.7543+0.3549i	0.5250+0.2475i
42.0	-1.9317-0.7125i	-0.1844+0.0858i	0.7349+0.7637i	-2.0101-0.5453i	-0.0771+0.0628i	0.7245+0.3598i	0.4925+0.2270i
42.1	-1.9149-0.6826i	-0.1846+0.0877i	0.7084+0.8346i	-1.9950-0.5074i	-0.0748+0.0630i	0.6943+0.2979i	0.4979+0.2464i
42.2	-1.8957-0.6911i	-0.1883+0.1122i	0.8479+0.8578i	-1.9755-0.4743i	-0.0754+0.0875i	0.5527+0.3029i	0.5333+0.2132i
42.3	-1.8982-0.6867i	-0.1589+0.1409i	0.8934+0.7839i	-1.9584-0.4303i	-0.0437+0.1206i	0.4735+0.3858i	0.5247+0.1885i
42.4	-1.8859-0.6736i	-0.1358+0.1535i	0.9103+0.7034i	-1.9102-0.3838i	-0.0215+0.1326i	0.4645+0.5203i	0.4993+0.1519i
42.5	-1.8982-0.6626i	-0.1170+0.1578i	0.9272+0.6670i	-1.8899-0.3624i	-0.0042+0.1349i	0.4610+0.5733i	0.4809+0.1514i
42.6	-1.9053-0.6523i	-0.0885+0.1790i	0.9574+0.5725i	-1.8447-0.3227i	0.0245+0.1569i	0.4606+0.6730i	0.4731+0.1372i
42.7	-1.8997-0.6371i	-0.0784+0.1878i	0.9350+0.5426i	-1.8063-0.3080i	0.0347+0.1600i	0.4866+0.7092i	0.4529+0.1069i
42.8	-1.8909-0.6435i	-0.0915+0.1985i	1.0019+0.4923i	-1.8080-0.2972i	0.0192+0.1701i	0.4258+0.7209i	0.4663+0.0770i
42.9	-1.9408-0.6209i	-0.0672+0.2395i	0.9425+0.3927i	-1.8121-0.2447i	0.0503+0.2110i	0.4281+0.8194i	0.4632+0.0420i
43.0	-1.9607-0.5595i	0.0002+0.2459i	0.8559+0.3952i	-1.7574-0.1951i	0.1180+0.2098i	0.4928+0.8710i	0.4109+0.0003i
43.1	-1.9486-0.4820i	0.0601+0.2031i	0.8636+0.4808i	-1.6993-0.1742i	0.1807+0.1593i	0.5434+0.8211i	0.3442-0.0200i
43.2	-1.9189-0.4501i	0.0464+0.1679i	1.0218+0.3849i	-1.6919-0.1588i	0.1642+0.1219i	0.4268+0.8769i	0.3244-0.0285i
43.3	-1.8970-0.4210i	0.0380+0.1463i	0.8457+0.1579i	-1.6483-0.1352i	0.1498+0.1020i	0.5421+1.0758i	0.2655-0.0133i
43.4	-1.9022-0.4079i	0.0516+0.1471i	0.6621+0.2738i	-1.6351-0.1363i	0.1616+0.1021i	0.6626+0.9674i	0.2442+0.0164i

43.5	-1.9073-0.3646i	0.0574+0.1377i	0.7442+0.3947i	-1.6479-0.1071i	0.1642+0.0857i	0.5465+0.9154i	0.2455+0.0167i
43.6	-1.8952-0.3139i	0.0727+0.1425i	0.8227+0.3627i	-1.6175-0.0435i	0.1801+0.0882i	0.4877+1.0144i	0.2209-0.0096i
43.7	-1.8678-0.2681i	0.0898+0.1489i	0.8377+0.2683i	-1.5535+0.0038i	0.1944+0.0911i	0.5007+1.1493i	0.1638-0.0245i
43.8	-1.8005-0.2444i	0.0810+0.1507i	0.7554+0.1419i	-1.5012+0.0261i	0.1802+0.0908i	0.5965+1.2844i	0.1353-0.0018i
43.9	-1.7499-0.2259i	0.0847+0.1462i	0.6559+0.1462i	-1.4591+0.0462i	0.1784+0.0826i	0.7099+1.3406i	0.1183+0.0156i
44.0	-1.7281-0.2600i	0.1075+0.1735i	0.6275+0.1759i	-1.4071+0.0638i	0.1936+0.1102i	0.7942+1.3550i	0.1043-0.0014i
44.1	-1.7496-0.2628i	0.1624+0.1396i	0.5619+0.1947i	-1.3472+0.0575i	0.2425+0.0828i	0.8908+1.3406i	0.0465-0.0083i
44.2	-1.7783-0.2342i	0.1839+0.1173i	0.4840+0.2399i	-1.2902+0.0783i	0.2669+0.0634i	1.0177+1.3232i	-0.0162-0.0308i
44.3	-1.7718-0.2039i	0.1996+0.1160i	0.4880+0.3893i	-1.1986+0.0415i	0.2839+0.0577i	1.1152+1.1360i	-0.1185-0.0134i
44.4	-1.7460-0.1560i	0.2001+0.0481i	0.6709+0.4318i	-1.1924-0.0379i	0.2791-0.0150i	0.9509+1.0219i	-0.1638+0.1080i
44.5	-1.7256-0.1138i	0.1616+0.0333i	0.7788+0.2929i	-1.2231-0.0397i	0.2343-0.0320i	0.8147+1.1367i	-0.1379+0.1842i
44.6	-1.6773-0.0991i	0.1490+0.0765i	0.7038+0.1323i	-1.2295-0.0258i	0.2203+0.0113i	0.8799+1.2626i	-0.1401+0.2153i
44.7	-1.6570-0.0879i	0.1903+0.0582i	0.6337+0.1006i	-1.2218-0.0127i	0.2610-0.0023i	0.9293+1.3093i	-0.1447+0.2512i
44.8	-1.6407-0.0941i	0.1857+0.0320i	0.4970+0.0956i	-1.2102-0.0099i	0.2535-0.0280i	1.0501+1.3129i	-0.1339+0.3091i
44.9	-1.6172-0.1302i	0.1563+0.0725i	0.4536+0.1802i	-1.2101+0.0021i	0.2237+0.0163i	1.0920+1.2247i	-0.0921+0.3261i
45.0	-1.6405-0.1214i	0.2286+0.0933i	0.5124+0.1235i	-1.1740+0.0322i	0.2945+0.0357i	1.0745+1.2841i	-0.1406+0.2985i
45.1	-1.6448-0.1025i	0.2347+0.0374i	0.4333+0.0964i	-1.1592+0.0302i	0.2985-0.0172i	1.0998+1.2780i	-0.1517+0.3728i
45.2	-1.6283-0.0865i	0.1941+0.0355i	0.4518+0.0421i	-1.1494+0.0720i	0.2592-0.0163i	1.0449+1.3809i	-0.1018+0.3853i
45.3	-1.6361-0.0733i	0.1966+0.0442i	0.3708-0.0756i	-1.1177+0.1100i	0.2618+0.0013i	1.1366+1.5390i	-0.1025+0.3716i
45.4	-1.6593-0.0646i	0.2348+0.0459i	0.1373-0.0740i	-1.0462+0.1250i	0.3073+0.0051i	1.3569+1.5541i	-0.1353+0.3680i
45.5	-1.6276-0.0252i	0.2250+0.0366i	0.1436+0.0986i	-1.0103+0.0606i	0.3003-0.0122i	1.4123+1.4012i	-0.1449+0.4602i
45.6	-1.6232-0.0679i	0.2458+0.1135i	0.0817-0.0571i	-1.0019+0.1076i	0.3202+0.0663i	1.4764+1.5028i	-0.1082+0.4284i
45.7	-1.6777-0.0846i	0.3393+0.1145i	-0.1739-0.0457i	-0.9278+0.1187i	0.4143+0.0725i	1.6874+1.4800i	-0.1483+0.3854i
45.8	-1.7515-0.0078i	0.4221+0.0092i	-0.3285+0.2193i	-0.8770+0.0677i	0.5052-0.0349i	1.7604+1.2791i	-0.2626+0.4387i
45.9	-1.7487+0.1221i	0.3861-0.1379i	-0.2689+0.4791i	-0.8694+0.0271i	0.4792-0.1921i	1.7202+1.1702i	-0.2936+0.6088i
46.0	-1.7151+0.1603i	0.3006-0.1044i	-0.2554+0.4904i	-0.8356+0.0061i	0.3952-0.1583i	1.8086+1.1644i	-0.2370+0.6688i
46.1	-1.7131+0.2312i	0.3137-0.0609i	-0.3048+0.6224i	-0.8149-0.0489i	0.4145-0.1269i	1.8708+1.0291i	-0.2533+0.7527i
46.2	-1.6268+0.2517i	0.3755-0.0549i	-0.2263+0.6493i	-0.8384-0.0586i	0.4601-0.1279i	1.8508+1.0176i	-0.1422+0.8278i
46.3	-1.6471+0.2325i	0.5389-0.1460i	-0.4470+0.8029i	-0.7555-0.0859i	0.6239-0.2131i	2.1122+0.8294i	-0.1568+0.8057i
46.4	-1.6455+0.3419i	0.4811-0.3407i	-0.2570+1.1900i	-0.7986-0.2023i	0.5586-0.4267i	1.9038+0.4518i	-0.1365+0.9924i
46.5	-1.5552+0.3817i	0.3060-0.3646i	0.1717+1.1343i	-0.9254-0.1883i	0.3611-0.4509i	1.4848+0.5582i	0.1091+1.0654i
46.6	-1.5216+0.3619i	0.2628-0.3097i	0.2350+0.9818i	-0.9441-0.1446i	0.3141-0.3854i	1.4470+0.7310i	0.2349+0.9990i
46.7	-1.5065+0.3563i	0.2691-0.2552i	0.2523+0.7824i	-0.9532-0.0767i	0.3169-0.3228i	1.4396+0.9361i	0.3002+0.8985i
46.8	-1.4986+0.3924i	0.3047-0.2713i	-0.0016+0.7338i	-0.8813-0.0388i	0.3552-0.3319i	1.7332+1.0136i	0.2807+0.8654i
46.9	-1.5125+0.4557i	0.3634-0.3612i	-0.1175+1.0736i	-0.8118-0.1256i	0.4253-0.4210i	1.9212+0.6968i	0.2153+0.8851i
47.0	-1.3997+0.5016i	0.2121-0.4795i	0.2448+1.1647i	-0.9150-0.1925i	0.2601-0.5404i	1.6205+0.5638i	0.3672+1.0296i
47.1	-1.3683+0.4516i	0.1299-0.4042i	0.2598+0.9220i	-0.9473-0.1232i	0.1762-0.4567i	1.5573+0.7551i	0.5171+0.9455i
47.2	-1.3854+0.4670i	0.1416-0.3438i	0.0479+0.8546i	-0.8990-0.0692i	0.1994-0.3922i	1.7435+0.8681i	0.5235+0.8370i
47.3	-1.3727+0.5046i	0.1579-0.3357i	-0.1009+0.9950i	-0.8576-0.0731i	0.2235-0.3847i	1.9148+0.7782i	0.5123+0.7877i
47.4	-1.3435+0.5472i	0.1830-0.3692i	-0.0591+1.2675i	-0.8379-0.1185i	0.2535-0.4261i	1.9237+0.5301i	0.4902+0.7844i
47.5	-1.3228+0.5779i	0.1964-0.4018i	-0.0239+1.4430i	-0.8301-0.1516i	0.2701-0.4667i	1.9289+0.3619i	0.4872+0.7826i
47.6	-1.2180+0.6655i	0.1059-0.5009i	0.3562+1.7049i	-0.8961-0.1972i	0.1676-0.5746i	1.6618+0.1370i	0.5698+0.8695i
47.7	-1.1132+0.6192i	0.0029-0.4506i	0.7305+1.4314i	-0.9653-0.1376i	0.0524-0.5154i	1.3754+0.3431i	0.7086+0.7851i
47.8	-1.0788+0.5404i	-0.0081-0.3709i	0.6558+1.0448i	-0.9316-0.0500i	0.0447-0.4228i	1.4722+0.6519i	0.7444+0.6432i
47.9	-1.1180+0.5273i	0.0338-0.3554i	0.4290+1.1505i	-0.8638-0.0853i	0.0990-0.4080i	1.6695+0.4822i	0.6773+0.5775i
48.0	-1.0572+0.5566i	0.0019-0.3657i	0.5629+1.1478i	-0.9053-0.0871i	0.0564-0.4291i	1.5476+0.4484i	0.7024+0.5832i
48.1	-1.0618+0.5255i	0.0006-0.3433i	0.4560+1.0883i	-0.8775-0.0521i	0.0602-0.4011i	1.6177+0.5207i	0.6962+0.5201i
48.2	-1.0658+0.5634i	0.0094-0.3505i	0.4035+1.2621i	-0.8470-0.0857i	0.0737-0.4156i	1.6569+0.3636i	0.6520+0.5241i
48.3	-1.0064+0.5642i	-0.0091-0.3256i	0.5103+1.3323i	-0.8524-0.0867i	0.0544-0.3939i	1.5742+0.3026i	0.6939+0.4884i
48.4	-0.9671+0.5614i	-0.0073-0.3181i	0.6186+1.3197i	-0.8605-0.0701i	0.0540-0.3809i	1.4863+0.3353i	0.7060+0.4269i
48.5	-0.9528+0.5642i	-0.0032-0.3448i	0.6729+1.3065i	-0.8580-0.0609i	0.0543-0.4126i	1.4530+0.3460i	0.6752+0.3865i
48.6	-0.9224+0.5782i	-0.0370-0.3756i	0.7951+1.3022i	-0.8607-0.0791i	0.0191-0.4515i	1.3531+0.3549i	0.6403+0.4113i
48.7	-0.8503+0.5633i	-0.0825-0.3625i	0.8903+1.2323i	-0.8720-0.0780i	-0.0303-0.4388i	1.3224+0.4361i	0.6619+0.4442i
48.8	-0.8101+0.4887i	-0.1151-0.3040i	0.8755+1.0370i	-0.8684-0.0512i	-0.0686-0.3723i	1.3796+0.5481i	0.7298+0.3998i
48.9	-0.8419+0.4482i	-0.0935-0.2518i	0.7122+0.9952i	-0.8379-0.0414i	-0.0425-0.3173i	1.5074+0.5379i	0.7470+0.3057i
49.0	-0.8431+0.4243i	-0.0685-0.2275i	0.6859+1.0026i	-0.8266-0.0334i	-0.0189-0.2870i	1.5289+0.5289i	0.7465+0.2478i
49.1	-0.9045+0.4133i	-0.0132-0.2119i	0.4941+0.9657i	-0.7935-0.0148i	0.0519-0.2684i	1.6666+0.5306i	0.6750+0.1605i
49.2	-0.9335+0.4705i	0.0260-0.2608i	0.3857+1.2106i	-0.7686-0.0530i	0.1005-0.3309i	1.7407+0.3371i	0.5996+0.1673i
49.3	-0.8724+0.5448i	-0.0142-0.3399i	0.6446+1.4718i	-0.8047-0.1114i	0.0513-0.4231i	1.5405+0.1346i	0.5920+0.2224i
49.4	-0.8047+0.5499i	-0.0711-0.3479i	0.8789+1.4005i	-0.8447-0.1095i	-0.0163-0.4357i	1.3438+0.1989i	0.6126+0.2588i
49.5	-0.7499+0.4585i	-0.0963-0.2457i	0.8940+1.1904i	-0.8416-0.0622i	-0.0517-0.3278i	1.3624+0.3374i	0.6639+0.2067i
49.6	-0.7875+0.4362i	-0.0563-0.2285i	0.8521+1.1720i	-0.8427-0.0374i	-0.0120-0.3001i	1.3893+0.3257i	0.6550+0.1335i
49.7	-0.8335+0.4906i	-0.0202-0.2846i	0.8506+1.2587i	-0.8301-0.0599i	0.0333-0.3626i	1.3573+0.2731i	0.5720+0.1272i

49.8	-0.7966+0.4877i	-0.0450-0.2898i	0.9650+1.1851i	-0.8481-0.0506i	0.0087-0.3720i	1.2653+0.3334i	0.5545+0.1525i
49.9	-0.7709+0.4536i	-0.0680-0.2575i	0.9137+1.0717i	-0.8465-0.0190i	-0.0198-0.3389i	1.2943+0.4261i	0.6040+0.1292i
50.0	-0.7903+0.4386i	-0.0431-0.2358i	0.7996+1.1154i	-0.8221-0.0181i	0.0102-0.3148i	1.3981+0.4081i	0.5828+0.0769i
50.1	-0.7799+0.4547i	-0.0350-0.2517i	0.8457+1.1512i	-0.8248-0.0191i	0.0166-0.3318i	1.3680+0.3611i	0.5425+0.0738i
50.2	-0.7551+0.4654i	-0.0406-0.2739i	0.8749+1.1518i	-0.8299-0.0150i	0.0070-0.3553i	1.3431+0.3673i	0.5626+0.0689i
50.3	-0.7259+0.4604i	-0.0611-0.2766i	0.8923+1.1650i	-0.8269-0.0027i	-0.0133-0.3582i	1.3335+0.3734i	0.5883+0.0542i
50.4	-0.7699+0.4319i	-0.0211-0.2504i	0.8763+1.1094i	-0.7999+0.0209i	0.0271-0.3257i	1.3372+0.4173i	0.5557-0.0238i
50.5	-0.8148+0.4608i	0.0098-0.2597i	0.8181+1.1271i	-0.7777+0.0327i	0.0629-0.3338i	1.3744+0.4426i	0.4582-0.0767i
50.6	-0.7691+0.4753i	-0.0240-0.2775i	0.8587+1.2070i	-0.7908+0.0231i	0.0287-0.3565i	1.3588+0.3796i	0.4154-0.0602i
50.7	-0.7441+0.5311i	-0.0454-0.3286i	0.9347+1.2811i	-0.8086+0.0087i	0.0075-0.4168i	1.3183+0.3246i	0.4373-0.0077i
50.8	-0.7014+0.5381i	-0.0730-0.3205i	1.0550+1.2722i	-0.8218+0.0386i	-0.0287-0.4098i	1.2270+0.3339i	0.4601-0.0397i
50.9	-0.7043+0.4895i	-0.0665-0.2776i	1.0873+1.1707i	-0.8042+0.0627i	-0.0236-0.3668i	1.2133+0.4308i	0.4010-0.0692i
51.0	-0.6939+0.5062i	-0.0646-0.2863i	1.0021+1.1660i	-0.7775+0.0786i	-0.0173-0.3742i	1.2877+0.4627i	0.3878-0.0405i
51.1	-0.6698+0.5563i	-0.0753-0.3181i	1.0291+1.2678i	-0.7710+0.0813i	-0.0274-0.4107i	1.2760+0.3927i	0.3505-0.0247i
51.2	-0.6342+0.5601i	-0.1026-0.3104i	1.1486+1.2284i	-0.7817+0.1040i	-0.0628-0.4077i	1.1980+0.4258i	0.3684+0.0004i
51.3	-0.6053+0.4988i	-0.1219-0.2544i	1.1815+1.0695i	-0.7605+0.1399i	-0.0832-0.3437i	1.2026+0.5583i	0.4317-0.0856i
51.4	-0.6366+0.4768i	-0.0668-0.2279i	1.0651+1.0215i	-0.6978+0.1438i	-0.0204-0.3132i	1.3111+0.5919i	0.3596-0.1552i
51.5	-0.6335+0.5156i	-0.0347-0.2554i	0.9788+1.0828i	-0.6432+0.1472i	0.0113-0.3422i	1.4059+0.5711i	0.2922-0.1631i
51.6	-0.6092+0.5959i	-0.0380-0.3222i	1.0109+1.1689i	-0.6399+0.1301i	0.0065-0.4196i	1.4001+0.5132i	0.2444-0.1352i
51.7	-0.5527+0.6015i	-0.0641-0.3276i	1.1537+1.1569i	-0.6392+0.1254i	-0.0253-0.4276i	1.2906+0.5168i	0.2316-0.0867i
51.8	-0.5109+0.5428i	-0.0760-0.2856i	1.1819+1.0838i	-0.6147+0.1386i	-0.0439-0.3764i	1.3147+0.5764i	0.2108-0.0988i
51.9	-0.4600+0.5296i	-0.0982-0.3174i	1.1231+1.0883i	-0.5886+0.1148i	-0.0709-0.4062i	1.4065+0.5473i	0.2026-0.1155i
52.0	-0.4520+0.5467i	-0.0986-0.3583i	1.1872+1.1566i	-0.5657+0.0666i	-0.0689-0.4518i	1.3750+0.4640i	0.1536-0.0983i
52.1	-0.4308+0.5381i	-0.1141-0.3453i	1.2566+1.1337i	-0.5693+0.0718i	-0.0863-0.4415i	1.3100+0.4720i	0.1446-0.0668i
52.2	-0.3937+0.5002i	-0.1318-0.3158i	1.2783+1.0104i	-0.5589+0.0878i	-0.1051-0.4097i	1.2888+0.5646i	0.1364-0.0741i
52.3	-0.3239+0.4585i	-0.1795-0.3202i	1.2714+0.9199i	-0.5481+0.0575i	-0.1622-0.4121i	1.3428+0.6235i	0.1450-0.0858i
52.4	-0.3768+0.4269i	-0.1324-0.3144i	1.1204+0.9304i	-0.5187+0.0386i	-0.1090-0.4089i	1.5050+0.5929i	0.1020-0.1314i
52.5	-0.3725+0.4003i	-0.1388-0.3178i	1.1731+1.0247i	-0.5235+0.0110i	-0.1195-0.4097i	1.4193+0.5127i	0.0369-0.0606i
52.6	-0.3778+0.3825i	-0.1442-0.3003i	1.2144+0.9562i	-0.5285+0.0225i	-0.1259-0.3936i	1.3626+0.5832i	0.0755-0.0300i
52.7	-0.4107+0.3502i	-0.1226-0.2720i	1.0771+0.9081i	-0.4931+0.0413i	-0.0980-0.3614i	1.4760+0.6464i	0.0731-0.0784i
52.8	-0.4456+0.3950i	-0.0868-0.3334i	1.0197+1.0774i	-0.4629-0.0433i	-0.0564-0.4332i	1.5508+0.5218i	-0.0141-0.0956i
52.9	-0.3893+0.4345i	-0.1267-0.3845i	1.1882+1.1796i	-0.4956-0.0928i	-0.1014-0.4893i	1.4360+0.4742i	0.0154-0.0456i
53.0	-0.3575+0.4456i	-0.1563-0.4095i	1.2552+1.1633i	-0.5180-0.1122i	-0.1344-0.5149i	1.4320+0.4850i	0.0058-0.0063i
53.1	-0.3207+0.4254i	-0.1888-0.4065i	1.3176+1.1450i	-0.5338-0.1288i	-0.1730-0.5103i	1.4109+0.4644i	0.0298+0.0525i
53.2	-0.2766+0.3771i	-0.2340-0.3760i	1.3809+1.0767i	-0.5535-0.1155i	-0.2237-0.4782i	1.3813+0.4843i	0.0784+0.0463i
53.3	-0.2420+0.3463i	-0.2680-0.3595i	1.4557+1.0067i	-0.5845-0.0985i	-0.2657-0.4644i	1.3274+0.5366i	0.1425-0.0001i
53.4	-0.2757+0.2985i	-0.2513-0.3277i	1.4546+0.8900i	-0.5923-0.0741i	-0.2479-0.4241i	1.3613+0.6312i	0.1234-0.0833i
53.5	-0.3044+0.2368i	-0.2311-0.3087i	1.3850+0.8078i	-0.5667-0.1007i	-0.2240-0.3982i	1.4372+0.6770i	0.0319-0.1207i
53.6	-0.3259+0.1822i	-0.2522-0.2596i	1.3126+0.7601i	-0.5927-0.0820i	-0.2496-0.3417i	1.4873+0.6912i	-0.0118-0.1490i
53.7	-0.3702+0.2305i	-0.2251-0.2529i	1.2647+0.8108i	-0.5930-0.0486i	-0.2141-0.3442i	1.5184+0.6601i	-0.0219-0.1350i
53.8	-0.3166+0.2331i	-0.2504-0.2588i	1.3604+0.8004i	-0.5920-0.0367i	-0.2444-0.3516i	1.4642+0.6767i	0.0070-0.1536i
53.9	-0.3200+0.2020i	-0.2357-0.2397i	1.3127+0.7555i	-0.5569-0.0264i	-0.2333-0.3315i	1.5251+0.6944i	-0.0468-0.2177i
54.0	-0.3423+0.1812i	-0.2194-0.2191i	1.2761+0.7395i	-0.5352-0.0131i	-0.2235-0.3050i	1.5856+0.6967i	-0.0837-0.2113i
54.1	-0.3767+0.1442i	-0.1833-0.1937i	1.2335+0.7002i	-0.4974-0.0119i	-0.1875-0.2732i	1.6148+0.7268i	-0.1416-0.2440i
54.2	-0.4457+0.1613i	-0.1051-0.2142i	1.0932+0.6972i	-0.3951-0.0532i	-0.0921-0.2971i	1.7884+0.7309i	-0.2862-0.2309i
54.3	-0.4416+0.2346i	-0.1029-0.3117i	1.0668+0.8213i	-0.3884-0.1366i	-0.0861-0.4038i	1.8584+0.5845i	-0.3671-0.1711i
54.4	-0.4462+0.2063i	-0.1212-0.2994i	1.0919+0.8000i	-0.4247-0.1637i	-0.0985-0.3854i	1.8215+0.5579i	-0.3852-0.1253i
54.5	-0.4276+0.2192i	-0.1382-0.3274i	1.1155+0.8275i	-0.4335-0.2069i	-0.1204-0.4217i	1.8012+0.4915i	-0.4181-0.0594i
54.6	-0.3993+0.2408i	-0.1619-0.3555i	1.1363+0.8250i	-0.4434-0.2388i	-0.1460-0.4580i	1.7754+0.4501i	-0.4098+0.0054i
54.7	-0.4002+0.2410i	-0.1691-0.3570i	1.1241+0.7662i	-0.4579-0.2491i	-0.1544-0.4606i	1.7826+0.4764i	-0.4135+0.0274i
54.8	-0.4554+0.2429i	-0.1168-0.3744i	0.9494+0.8146i	-0.4218-0.2753i	-0.0904-0.4723i	1.9143+0.4269i	-0.4986+0.0655i
54.9	-0.4461+0.2891i	-0.1399-0.4235i	0.9587+0.9490i	-0.4436-0.3176i	-0.1166-0.5370i	1.8957+0.3232i	-0.5271+0.1276i
55.0	-0.3878+0.3024i	-0.1995-0.4492i	1.0500+1.0119i	-0.4923-0.3516i	-0.1874-0.5697i	1.8073+0.2555i	-0.5149+0.1859i
55.1	-0.3416+0.2694i	-0.2627-0.4406i	1.1307+1.0012i	-0.5552-0.3589i	-0.2563-0.5591i	1.7211+0.2480i	-0.4732+0.2239i
55.2	-0.3191+0.2483i	-0.3017-0.4354i	1.1908+1.0255i	-0.6027-0.3683i	-0.3100-0.5538i	1.6438+0.2263i	-0.4439+0.2565i
55.3	-0.2980+0.2125i	-0.3343-0.3990i	1.2588+0.9641i	-0.6267-0.3361i	-0.3488-0.5113i	1.5931+0.2576i	-0.4119+0.2513i
55.4	-0.3505+0.1513i	-0.3108-0.3432i	1.2227+0.8617i	-0.6262-0.3027i	-0.3241-0.4464i	1.6104+0.3529i	-0.4246+0.2177i
55.5	-0.4415+0.1954i	-0.2507-0.3657i	1.0903+0.8833i	-0.5877-0.3140i	-0.2521-0.4737i	1.7260+0.3475i	-0.4691+0.2402i
55.6	-0.4362+0.2649i	-0.2589-0.4226i	1.0744+0.9773i	-0.5965-0.3568i	-0.2634-0.5420i	1.7554+0.2702i	-0.5225+0.3105i
55.7	-0.3958+0.2605i	-0.3107-0.4346i	1.1530+0.9980i	-0.6421-0.3783i	-0.3269-0.5590i	1.7119+0.2434i	-0.4991+0.3377i
55.8	-0.3722+0.2564i	-0.3309-0.4260i	1.1922+0.9819i	-0.6554-0.3772i	-0.3512-0.5489i	1.6674+0.2582i	-0.4667+0.3714i
55.9	-0.3467+0.2366i	-0.3663-0.4047i	1.2047+0.9300i	-0.6820-0.3595i	-0.3940-0.5216i	1.6228+0.2950i	-0.4361+0.3735i
56.0	-0.3686+0.2156i	-0.3659-0.3797i	1.1370+0.8623i	-0.6827-0.3329i	-0.3949-0.4931i	1.6676+0.3607i	-0.4356+0.3272i

56.1	-0.4446+0.2691i	-0.2968-0.4134i	0.9644+1.0221i	-0.6274-0.3768i	-0.3180-0.5379i	1.8421+0.2484i	-0.5563+0.3571i
56.2	-0.3877+0.2814i	-0.3460-0.4327i	1.0857+1.0995i	-0.6729-0.4149i	-0.3791-0.5584i	1.7612+0.1625i	-0.5449+0.3996i
56.3	-0.3467+0.2968i	-0.3850-0.4533i	1.1507+1.1302i	-0.7135-0.4311i	-0.4296-0.5773i	1.6962+0.1335i	-0.5155+0.4538i
56.4	-0.3183+0.2724i	-0.4289-0.4346i	1.1980+1.1150i	-0.7603-0.4290i	-0.4761-0.5555i	1.6567+0.1459i	-0.4889+0.4743i
56.5	-0.3120+0.2521i	-0.4548-0.4061i	1.2186+1.0926i	-0.7932-0.3991i	-0.5093-0.5253i	1.6336+0.1801i	-0.5063+0.4781i
56.6	-0.2978+0.2714i	-0.4776-0.4140i	1.2436+1.0866i	-0.8174-0.3841i	-0.5378-0.5323i	1.6361+0.1771i	-0.5399+0.5060i
56.7	-0.2817+0.2355i	-0.4972-0.3919i	1.2587+1.0487i	-0.8409-0.3815i	-0.5586-0.5063i	1.6254+0.1835i	-0.5283+0.4936i
56.8	-0.2756+0.2203i	-0.5166-0.3798i	1.2474+1.0412i	-0.8584-0.3826i	-0.5753-0.4943i	1.6193+0.1795i	-0.5356+0.5232i
56.9	-0.2522+0.1851i	-0.5609-0.3532i	1.2923+1.0374i	-0.9028-0.3803i	-0.6253-0.4665i	1.5885+0.1938i	-0.5085+0.5560i
57.0	-0.2668+0.1453i	-0.5689-0.3155i	1.2615+0.9958i	-0.9110-0.3398i	-0.6402-0.4238i	1.6226+0.2584i	-0.5252+0.5314i
57.1	-0.3355+0.0830i	-0.5248-0.2660i	1.0855+0.9361i	-0.8833-0.3026i	-0.5875-0.3681i	1.7508+0.2930i	-0.5736+0.4861i
57.2	-0.3712+0.1628i	-0.4874-0.3147i	0.9771+1.2023i	-0.8368-0.3688i	-0.5397-0.4198i	1.8407+0.0837i	-0.6636+0.5861i
57.3	-0.3019+0.1834i	-0.5684-0.3282i	1.2292+1.2736i	-0.9248-0.3876i	-0.6398-0.4408i	1.6455+0.0372i	-0.6250+0.6643i
57.4	-0.3339+0.1781i	-0.5779-0.3097i	1.2873+1.2647i	-0.9568-0.3737i	-0.6604-0.4205i	1.6206+0.0508i	-0.6578+0.7247i
57.5	-0.3544+0.1705i	-0.5856-0.2796i	1.3177+1.2395i	-0.9784-0.3566i	-0.6747-0.3848i	1.6206+0.0631i	-0.6916+0.7610i
57.6	-0.3495+0.1760i	-0.5986-0.2645i	1.3522+1.2190i	-1.0056-0.3310i	-0.6884-0.3641i	1.5853+0.0603i	-0.6450+0.7809i
57.7	-0.3520+0.1639i	-0.6043-0.2422i	1.3980+1.1933i	-1.0259-0.2985i	-0.6970-0.3332i	1.5670+0.0876i	-0.5928+0.8257i
57.8	-0.3690+0.1783i	-0.5954-0.2314i	1.3871+1.2022i	-1.0181-0.2957i	-0.6918-0.3256i	1.6044+0.0968i	-0.6446+0.8609i
57.9	-0.3691+0.1953i	-0.6042-0.2253i	1.4055+1.2215i	-1.0308-0.3001i	-0.7072-0.3171i	1.6086+0.0928i	-0.6384+0.9228i
58.0	-0.3763+0.1995i	-0.6132-0.2054i	1.4142+1.2276i	-1.0443-0.2991i	-0.7139-0.3009i	1.6213+0.0604i	-0.6237+0.9452i
58.1	-0.3878+0.2114i	-0.6245-0.1842i	1.4295+1.2073i	-1.0703-0.2853i	-0.7302-0.2786i	1.6192+0.0690i	-0.6186+0.9603i
58.2	-0.3681+0.2315i	-0.6648-0.1677i	1.4725+1.2272i	-1.1030-0.2639i	-0.7813-0.2560i	1.6106+0.0640i	-0.6264+1.0142i
58.3	-0.3521+0.2032i	-0.6884-0.1210i	1.5104+1.2490i	-1.1387-0.2453i	-0.8137-0.2064i	1.5741+0.0437i	-0.5982+1.0715i
58.4	-0.3350+0.2072i	-0.6998-0.0940i	1.5434+1.2422i	-1.1684-0.2319i	-0.8264-0.1731i	1.5763+0.0273i	-0.5419+1.1222i
58.5	-0.3327+0.2024i	-0.6868-0.0587i	1.5746+1.2287i	-1.1771-0.2217i	-0.8114-0.1276i	1.6075+0.0042i	-0.5213+1.1529i
58.6	-0.3479+0.2332i	-0.6471-0.0369i	1.6280+1.2578i	-1.2009-0.1997i	-0.7760-0.0965i	1.6329-0.0388i	-0.5133+1.2440i
58.7	-0.3214+0.2658i	-0.6526-0.0298i	1.7258+1.2758i	-1.2364-0.1793i	-0.7873-0.0936i	1.5884-0.1159i	-0.4623+1.3337i
58.8	-0.3108+0.2936i	-0.6398-0.0221i	1.8158+1.2489i	-1.2653-0.1562i	-0.7800-0.0876i	1.5778-0.1809i	-0.4410+1.4037i
58.9	-0.3075+0.2928i	-0.6263+0.0111i	1.8665+1.1680i	-1.2851-0.0994i	-0.7670-0.0400i	1.5582-0.1777i	-0.3737+1.4277i
59.0	-0.2547+0.2870i	-0.6536+0.0428i	1.9335+1.0792i	-1.3056-0.0477i	-0.7991-0.0042i	1.4986-0.2409i	-0.2646+1.4193i
59.1	-0.2003+0.2992i	-0.6730+0.0788i	2.0039+0.9493i	-1.3344+0.0199i	-0.8257+0.0370i	1.4358-0.3290i	-0.1302+1.4270i
59.2	-0.1734+0.2917i	-0.6359+0.0775i	2.0086+0.7959i	-1.3203+0.0728i	-0.7867+0.0433i	1.3738-0.3941i	0.0063+1.4404i
59.3	-0.1374+0.2532i	-0.6156+0.1043i	1.9554+0.6361i	-1.2718+0.1283i	-0.7686+0.0812i	1.2479-0.4147i	0.1062+1.3719i
59.4	-0.0970+0.1971i	-0.5850+0.1448i	1.8510+0.5446i	-1.2346+0.1808i	-0.7430+0.1297i	1.0965-0.4270i	0.1656+1.2678i
59.5	-0.1021+0.1810i	-0.5368+0.1438i	1.6979+0.4804i	-1.1758+0.1877i	-0.6791+0.1282i	1.0249-0.4080i	0.1670+1.2172i
59.6	-0.0975+0.1153i	-0.4993+0.1534i	1.5462+0.4335i	-1.1023+0.1848i	-0.6312+0.1500i	0.8965-0.3209i	0.1762+1.0780i
59.7	-0.0948+0.0598i	-0.4721+0.1711i	1.4241+0.4488i	-1.0778+0.2483i	-0.6078+0.1672i	0.7805-0.2307i	0.1503+0.9668i
59.8	-0.1372+0.0339i	-0.4301+0.1535i	1.3016+0.5014i	-0.9316-0.0180i	-0.5665+0.1505i	0.7363-0.1484i	0.0510+0.9279i
59.9	-0.1755+0.0185i	-0.3792+0.1307i	1.2009+0.5947i	-2.1891+0.6765i	-0.5076+0.1337i	0.7670-0.0374i	-0.0647+0.9249i
60.0	-0.1931+0.0310i	-0.3764+0.1234i	1.1481+0.6546i	-9.9493+0.7955i	-0.5023+0.1337i	0.7698+0.0438i	-0.1286+0.9343i
60.1	-0.2508+0.0047i	-0.3536+0.1258i	1.0890+0.7386i	-5.1042-2.5508i	-0.4808+0.1369i	0.7627+0.1386i	-0.2215+0.9270i
60.2	-0.2807-0.0131i	-0.3411+0.1094i	1.0808+0.8030i	-1.1576-0.0654i	-0.4673+0.1185i	0.7568+0.1904i	-0.2605+0.9518i
60.3	-0.2974-0.0146i	-0.3286+0.1056i	1.0865+0.8538i	-1.0926+0.0735i	-0.4588+0.1154i	0.7448+0.2325i	-0.2884+0.9900i
60.4	-0.3282-0.0032i	-0.2915+0.0891i	1.0867+0.9298i	-1.1255+0.0816i	-0.4243+0.0987i	0.7616+0.2631i	-0.3524+1.0508i
60.5	-0.3597-0.0078i	-0.2634+0.0641i	1.0848+0.9786i	-1.1187+0.0779i	-0.3975+0.0785i	0.7526+0.2981i	-0.3968+1.0991i
60.6	-0.4026-0.0261i	-0.2317+0.0166i	1.1000+1.0060i	-1.1532+0.1013i	-0.3686+0.0360i	0.7387+0.3410i	-0.3878+1.1536i
60.7	-0.4479+0.0109i	-0.2104-0.0272i	1.1013+1.0584i	-1.1455+0.1188i	-0.3476-0.0076i	0.7516+0.4192i	-0.4051+1.2082i
60.8	-0.4602+0.0856i	-0.2235-0.1008i	1.1002+1.1043i	-1.1322+0.0885i	-0.3678-0.0842i	0.7692+0.4500i	-0.4068+1.3347i
60.9	-0.4429+0.1487i	-0.2750-0.1450i	1.0893+1.1608i	-1.1636+0.0673i	-0.4242-0.1370i	0.7926+0.4320i	-0.3788+1.4219i
61.0	-0.4290+0.1682i	-0.3009-0.1491i	1.0950+1.2133i	-1.1999+0.0637i	-0.4612-0.1384i	0.7917+0.4734i	-0.3674+1.4322i
61.1	-0.3847+0.1799i	-0.3386-0.1521i	1.1267+1.2593i	-1.2634+0.0734i	-0.5152-0.1357i	0.7772+0.4956i	-0.3574+1.4788i
61.2	-0.3600+0.2018i	-0.3615-0.1430i	1.1752+1.2678i	-1.2958+0.1027i	-0.5420-0.1148i	0.7759+0.5160i	-0.3262+1.5373i
61.3	-0.3702+0.2189i	-0.3527-0.1521i	1.1196+1.3278i	-1.3276+0.1355i	-0.5252-0.1067i	0.7815+0.5576i	-0.3379+1.5999i
61.4	-0.3698+0.2214i	-0.3392-0.1483i	1.1410+1.3583i	-1.3520+0.1633i	-0.5167-0.0933i	0.8113+0.5984i	-0.3051+1.6051i
61.5	-0.3115+0.2327i	-0.3610-0.1642i	1.2111+1.3854i	-1.3764+0.1955i	-0.5429-0.1047i	0.8210+0.5944i	-0.2243+1.6680i
61.6	-0.2883+0.2662i	-0.3580-0.1909i	1.2205+1.4310i	-1.3721+0.2417i	-0.5330-0.1238i	0.8482+0.6467i	-0.2187+1.7241i
61.7	-0.2787+0.2480i	-0.3611-0.1966i	1.2476+1.4403i	-1.3942+0.2901i	-0.5419-0.1143i	0.8363+0.6700i	-0.1750+1.7177i
61.8	-0.2336+0.2686i	-0.3612-0.2266i	1.2718+1.4977i	-1.4038+0.3088i	-0.5387-0.1407i	0.9010+0.6693i	-0.1830+1.7915i
61.9	-0.2018+0.2692i	-0.3640-0.2605i	1.3155+1.5153i	-1.3903+0.3398i	-0.5341-0.1635i	0.9457+0.6671i	-0.1989+1.8784i
62.0	-0.1934+0.2332i	-0.3821-0.2495i	1.3670+1.5268i	-1.3862+0.3910i	-0.5565-0.1454i	0.9281+0.6974i	-0.1527+1.8499i
62.1	-0.1844+0.2115i	-0.3910-0.2529i	1.3841+1.5457i	-1.3842+0.4304i	-0.5638-0.1438i	0.9403+0.7099i	-0.1269+1.8962i
62.2	-0.1690+0.2123i	-0.3989-0.2607i	1.3882+1.5545i	-1.3559+0.4557i	-0.5616-0.1493i	0.9955+0.7324i	-0.1388+1.8921i
62.3	-0.1595+0.2062i	-0.4193-0.3103i	1.3949+1.5864i	-1.3452+0.4687i	-0.5849-0.1923i	0.9844+0.6942i	-0.1209+1.9766i

62.4	−0.1384+0.1914i	−0.4370−0.3523i	1.4408+1.5857i	−1.3510+0.4842i	−0.6007−0.2224i	0.9536+0.6539i	−0.0663+2.0856i
62.5	−0.1245+0.1566i	−0.4467−0.3489i	1.5200+1.5720i	−1.3527+0.5175i	−0.6062−0.2106i	0.9710+0.6537i	−0.0126+2.1288i
62.6	−0.1167+0.1205i	−0.4438−0.3652i	1.5098+1.5148i	−1.3356+0.5365i	−0.5944−0.2222i	1.0021+0.6133i	0.0148+2.1465i
62.7	−0.1383+0.1380i	−0.4343−0.4188i	1.4487+1.5406i	−1.3239+0.5536i	−0.5826−0.2763i	0.9690+0.5849i	−0.0279+2.2033i
62.8	−0.1246+0.1136i	−0.4663−0.4750i	1.4692+1.5745i	−1.3532+0.5684i	−0.6212−0.3299i	0.8984+0.5395i	0.0291+2.3281i
62.9	−0.0914+0.0838i	−0.5221−0.4890i	1.4986+1.5832i	−1.3399+0.5823i	−0.6710−0.3359i	0.8583+0.5525i	0.1495+2.4091i
63.0	−0.1074+0.0755i	−0.5593−0.5424i	1.4993+1.5807i	−1.3333+0.6132i	−0.7080−0.3803i	0.7971+0.5198i	0.1829+2.4670i
63.1	−0.1267+0.0622i	−0.6082−0.6033i	1.5236+1.5698i	−1.3556+0.6635i	−0.7643−0.4323i	0.7001+0.4438i	0.2769+2.5782i
63.2	−0.1435+0.0262i	−0.6586−0.6339i	1.5266+1.5645i	−1.3525+0.6704i	−0.8182−0.4627i	0.6170+0.4143i	0.3783+2.6558i
63.3	−0.1701+0.0007i	−0.7343−0.6684i	1.4933+1.5340i	−1.3185+0.7121i	−0.8836−0.4842i	0.4880+0.4244i	0.5118+2.6826i
63.4	−0.1790+0.0114i	−0.7834−0.6973i	1.4391+1.5493i	−1.2955+0.7242i	−0.9252−0.5076i	0.4177+0.4513i	0.6123+2.7489i
63.5	−0.2135+0.0093i	−0.8654−0.7071i	1.4000+1.5349i	−1.2898+0.7527i	−1.0050−0.5135i	0.2759+0.4767i	0.7851+2.7456i
63.6	−0.2350+0.0443i	−0.9648−0.7473i	1.3328+1.5666i	−1.2423+0.7806i	−1.1004−0.5527i	0.1110+0.5618i	0.8972+2.7538i
63.7	−0.2412+0.0582i	−1.0635−0.7597i	1.2613+1.6185i	−1.2193+0.8009i	−1.2051−0.5630i	0.0010+0.6270i	0.9962+2.7409i
63.8	−0.2265+0.0783i	−1.1640−0.7702i	1.2246+1.6615i	−1.2213+0.7727i	−1.2985−0.5710i	−0.1171+0.7337i	1.1200+2.7722i
63.9	−0.2223+0.1097i	−1.2632−0.7456i	1.1729+1.6977i	−1.2299+0.7625i	−1.4008−0.5452i	−0.2514+0.8474i	1.2432+2.7414i
64.0	−0.1992+0.0975i	−1.3780−0.7333i	1.1306+1.7315i	−1.2519+0.7749i	−1.5222−0.5310i	−0.3933+0.9182i	1.4361+2.7708i
64.1	−0.1823+0.1113i	−1.4788−0.7140i	1.0627+1.8394i	−1.2752+0.7804i	−1.6365−0.5101i	−0.5035+1.0801i	1.5052+2.7504i
64.2	−0.1502+0.1292i	−1.6122−0.6875i	1.0140+1.9687i	−1.2945+0.7834i	−1.7693−0.4694i	−0.6039+1.2618i	1.5904+2.7498i
64.3	−0.0964+0.1347i	−1.7327−0.6443i	1.0290+2.1892i	−1.2915+0.7642i	−1.8873−0.4144i	−0.6034+1.5182i	1.6637+2.7677i
64.4	−0.1203+0.1113i	−1.7929−0.5876i	1.0041+2.1996i	−1.3275+0.7891i	−1.9507−0.3559i	−0.7136+1.6309i	1.7975+2.6482i
64.5	−0.0769+0.1020i	−1.9224−0.5208i	0.9754+2.3768i	−1.3867+0.8267i	−2.0947−0.2684i	−0.8171+1.8683i	1.9198+2.6525i
64.6	−0.0356+0.0841i	−2.0083−0.4686i	0.9438+2.5239i	−1.4145+0.8412i	−2.1966−0.2063i	−0.9066+2.0525i	2.0222+2.5972i
64.7	−0.0226+0.0924i	−2.0945−0.4233i	0.8860+2.6899i	−1.4275+0.8822i	−2.3019−0.1351i	−1.0049+2.3164i	2.0211+2.5101i
64.8	0.0465+0.0514i	−2.2736−0.3030i	1.0452+2.9125i	−1.4727+0.9479i	−2.4730+0.0186i	−0.9034+2.6423i	2.1565+2.5685i
64.9	0.0634+0.0209i	−2.3777−0.2011i	1.0902+3.0759i	−1.5073+1.0115i	−2.5785+0.1341i	−0.8997+2.9051i	2.2360+2.4949i
65.0	0.0476−0.0277i	−2.5218−0.1155i	1.1236+3.2240i	−1.5614+1.0865i	−2.7218+0.2432i	−0.9761+3.1458i	2.3802+2.4611i
65.1	0.0915−0.0749i	−2.6309+0.0830i	1.3211+3.3939i	−1.5890+1.1766i	−2.8240+0.4762i	−0.8641+3.4608i	2.5976+2.4649i
65.2	0.1039−0.1011i	−2.6736+0.2385i	1.5126+3.5702i	−1.5680+1.2507i	−2.8486+0.6656i	−0.6604+3.7537i	2.6442+2.4276i
65.3	0.1027−0.1487i	−2.7457+0.4022i	1.6294+3.7553i	−1.6087+1.3420i	−2.9101+0.8534i	−0.5292+4.0795i	2.7240+2.4142i
65.4	0.1011−0.1892i	−2.8361+0.5591i	1.7003+3.8744i	−1.6160+1.4508i	−2.9918+1.0327i	−0.4922+4.3735i	2.8958+2.2861i
65.5	0.0729−0.2150i	−2.8973+0.7179i	1.7657+3.9462i	−1.5811+1.5427i	−3.0380+1.2165i	−0.4161+4.6369i	2.9912+2.0509i
65.6	0.0561−0.2914i	−2.9451+0.8947i	1.9488+3.9771i	−1.5783+1.6525i	−3.0655+1.4246i	−0.2367+4.8369i	3.2054+1.9317i
65.7	0.0629−0.3513i	−2.9857+1.1782i	2.2776+4.0962i	−1.5170+1.7490i	−3.0591+1.7270i	0.1446+5.0782i	3.3835+1.8843i
65.8	0.0460−0.4188i	−3.0346+1.5598i	2.5543+4.2586i	−1.4434+1.9053i	−3.0692+2.1327i	0.5101+5.4511i	3.4371+1.6707i
65.9	0.0139−0.4555i	−3.0255+1.7652i	2.6707+4.2300i	−1.4090+2.0011i	−3.0513+2.3445i	0.6665+5.5683i	3.5256+1.4811i
66.0	−0.0273−0.4884i	−2.9494+2.0484i	2.8150+4.2491i	−1.3188+2.1323i	−2.9391+2.6350i	0.9491+5.7678i	3.6187+1.2263i
66.1	−0.0651−0.5540i	−2.8116+2.3703i	3.1824+4.2264i	−1.2002+2.2499i	−2.7539+2.9669i	1.4455+5.8988i	3.7829+1.0828i
66.2	−0.1153−0.5774i	−2.6903+2.5914i	3.4025+4.2174i	−1.1243+2.3144i	−2.6039+3.1913i	1.7891+5.9735i	3.8357+1.0107i
66.3	−0.1768−0.6039i	−2.4517+2.8531i	3.5191+4.1665i	−0.9887+2.3861i	−2.3411+3.4430i	2.1086+6.0314i	3.8410+0.7092i
66.4	−0.2322−0.6322i	−2.1632+3.0407i	3.7681+4.2493i	−0.8138+2.4261i	−2.0095+3.6500i	2.6333+6.0727i	3.7353+0.6116i
66.5	−0.2973−0.6537i	−1.9036+3.2914i	3.8930+4.2478i	−0.6536+2.5508i	−1.7230+3.9160i	2.9391+6.1828i	3.7209+0.2696i
66.6	−0.3638−0.6356i	−1.6478+3.4577i	4.0080+4.2693i	−0.5002+2.6377i	−1.4616+4.0904i	3.2006+6.3090i	3.6201−0.0882i
66.7	−0.3938−0.6358i	−1.4037+3.4854i	4.2459+4.2116i	−0.3568+2.6295i	−1.1942+4.1106i	3.5359+6.2153i	3.6096−0.1915i
66.8	−0.4625−0.6139i	−1.0829+3.5161i	4.4163+4.1639i	−0.1726+2.6201i	−0.8276+4.1272i	3.8334+6.1341i	3.4873−0.3454i
66.9	−0.5112−0.5972i	−0.8418+3.5335i	4.6530+4.0763i	−0.0252+2.6226i	−0.5474+4.1447i	4.1530+6.0179i	3.4504−0.4693i
67.0	−0.5659−0.5755i	−0.5556+3.4870i	4.8858+3.8685i	0.1546+2.5310i	−0.2245+4.0757i	4.5193+5.7577i	3.3303−0.6704i
67.1	−0.5882−0.5448i	−0.3252+3.4618i	5.0403+3.7726i	0.2984+2.4890i	0.0235+4.0416i	4.7562+5.6428i	3.1780−0.7813i
67.2	−0.6165−0.4916i	−0.1064+3.4427i	5.0860+3.8156i	0.4445+2.4452i	0.2605+4.0262i	4.9387+5.6984i	2.8701−0.9023i
67.3	−0.6692−0.4538i	0.1324+3.3801i	5.2071+3.6244i	0.5994+2.3810i	0.5170+3.9432i	5.1547+5.5177i	2.7077−1.1625i
67.4	−0.6865−0.4354i	0.3080+3.2817i	5.3030+3.4733i	0.6878+2.2814i	0.7020+3.8149i	5.3469+5.3380i	2.5719−1.2247i
67.5	−0.6998−0.4126i	0.4668+3.1634i	5.3439+3.3368i	0.7546+2.1676i	0.8647+3.6821i	5.4888+5.1874i	2.3784−1.2610i
67.6	−0.6941−0.3915i	0.6585+3.0372i	5.5704+3.2328i	0.8674+2.0351i	1.0833+3.5435i	5.7998+5.0095i	2.2510−1.2135i
67.7	−0.6932−0.3816i	0.8178+2.8797i	5.7355+3.0121i	0.9385+1.8851i	1.2541+3.3600i	6.0393+4.7206i	2.1908−1.2123i
67.8	−0.7162−0.3566i	0.9447+2.7548i	5.6854+2.9368i	0.9763+1.7880i	1.3814+3.2242i	6.0751+4.6089i	1.9745−1.2794i
67.9	−0.7358−0.3344i	1.0710+2.6785i	5.6574+2.9120i	1.0421+1.7323i	1.5055+3.1529i	6.1468+4.5613i	1.7434−1.3158i
68.0	−0.7377−0.3334i	1.1107+2.5634i	5.6152+2.7466i	1.0362+1.6553i	1.5326+3.0258i	6.1267+4.3854i	1.6464−1.3549i
68.1	−0.7417−0.3183i	1.1954+2.4188i	5.7801+2.6329i	1.0602+1.5364i	1.6426+2.8683i	6.3587+4.2204i	1.5629−1.2819i
68.2	−0.7538−0.3011i	1.2760+2.2793i	5.8446+2.4732i	1.0905+1.4307i	1.7548+2.7148i	6.5190+3.9934i	1.4507−1.2541i
68.3	−0.7719−0.2811i	1.3803+2.1859i	5.8961+2.5112i	1.1269+1.3571i	1.8668+2.6382i	6.6509+4.0042i	1.2431−1.1953i
68.4	−0.7706−0.2804i	1.4017+2.0723i	5.9531+2.4498i	1.1234+1.2767i	1.8982+2.5303i	6.7664+3.9141i	1.1101−1.1162i
68.5	−0.7506−0.3034i	1.4111+1.9451i	6.0801+2.4093i	1.1365+1.1603i	1.9272+2.3915i	6.9744+3.7860i	1.0487−0.9769i
68.6	−0.7693−0.3050i	1.4766+1.8357i	6.2303+2.3793i	1.1390+1.0736i	2.0146+2.2715i	7.2102+3.6854i	1.0045−0.8024i

68.7	−0.7884−0.3073i	1.4931+1.7493i	6.2400+2.3198i	1.1201+1.0153i	2.0454+2.1829i	7.2890+3.5941i	0.9398−0.7239i
68.8	−0.8219−0.2871i	1.5429+1.6229i	6.2181+2.1318i	1.1145+0.9308i	2.0947+2.0430i	7.3001+3.3578i	0.8754−0.7209i
68.9	−0.8622−0.2660i	1.5803+1.5032i	6.2022+2.0668i	1.0949+0.8732i	2.1287+1.9265i	7.3448+3.2459i	0.8120−0.6916i
69.0	−0.8870−0.2678i	1.5662+1.4156i	6.3152+2.0800i	1.0596+0.8212i	2.1376+1.8420i	7.5176+3.1817i	0.8597−0.5703i
69.1	−0.9034−0.2466i	1.5421+1.2847i	6.5039+2.0036i	1.0065+0.7474i	2.1292+1.7038i	7.7697+2.9912i	0.9099−0.4230i
69.2	−0.9048−0.2261i	1.5353+1.2009i	6.5780+1.9378i	0.9937+0.7012i	2.1299+1.6157i	7.8666+2.8495i	0.8965−0.3895i
69.3	−0.9197−0.1939i	1.4704+1.0953i	6.6228+1.8716i	0.9348+0.6395i	2.0930+1.4906i	7.8919+2.6437i	0.8899−0.2328i
69.4	−0.9297−0.1917i	1.4379+1.0408i	6.6567+1.8176i	0.8939+0.6159i	2.0640+1.4263i	7.9238+2.5220i	0.9135−0.2002i
69.5	−0.9515−0.1810i	1.4099+0.9916i	6.6772+1.7267i	0.8574+0.5969i	2.0480+1.3596i	7.9837+2.3789i	0.9252−0.2157i
69.6	−0.9821−0.1194i	1.4041+0.9135i	6.6298+1.4776i	0.8239+0.5686i	2.0477+1.2515i	7.9622+2.0239i	0.9065−0.2522i
69.7	−0.9525−0.1018i	1.3411+0.8543i	6.7830+1.6982i	0.7967+0.5437i	2.0046+1.2307i	8.1506+2.1321i	0.8984−0.0490i
69.8	−0.9867−0.1042i	1.3534+0.8368i	6.9477+1.5793i	0.7899+0.5472i	2.0504+1.2140i	8.3425+1.9826i	0.9699−0.0027i
69.9	−0.9799−0.0972i	1.2955+0.7907i	7.1778+1.5208i	0.7400+0.5176i	2.0217+1.1581i	8.5183+1.7862i	1.1276+0.1374i
70.0	−1.0022−0.0842i	1.2986+0.7712i	7.2707+1.5188i	0.7154+0.5277i	2.0392+1.1412i	8.6374+1.6911i	1.1634+0.1525i
70.1	−1.0097−0.0747i	1.2531+0.7454i	7.4839+1.3970i	0.6902+0.5356i	2.0315+1.1084i	8.8223+1.4475i	1.2707+0.1691i
70.2	−1.0126−0.0545i	1.2355+0.7408i	7.5355+1.3277i	0.6600+0.5720i	2.0161+1.1005i	8.8150+1.3197i	1.3805+0.1580i
70.3	−1.0181−0.0261i	1.2221+0.7077i	7.5759+1.2533i	0.6404+0.5834i	2.0172+1.0718i	8.8292+1.1740i	1.4271+0.1855i
70.4	−1.0266−0.0014i	1.2257+0.6631i	7.8269+1.0236i	0.6637+0.5767i	2.0782+1.0002i	9.0331+0.8180i	1.5361+0.1716i
70.5	−1.0090+0.0198i	1.1809+0.6112i	8.0528+1.0872i	0.6441+0.5665i	2.0605+0.9509i	9.1607+0.8105i	1.6390+0.2825i
70.6	−1.0016+0.1006i	1.1691+0.5178i	8.1097+1.2483i	0.6664+0.5753i	2.0547+0.8798i	9.1733+0.9317i	1.6095+0.3303i
70.7	−0.9971+0.1262i	1.1696+0.4911i	8.1883+0.9834i	0.7001+0.5790i	2.0791+0.8327i	9.1840+0.6285i	1.6546+0.2554i
70.8	−1.0107+0.1587i	1.1957+0.4491i	8.1474+0.8380i	0.7450+0.5705i	2.1111+0.7859i	9.0958+0.4677i	1.6205+0.1294i
70.9	−1.0049+0.1714i	1.1639+0.4309i	8.4557+0.7383i	0.7617+0.5545i	2.1200+0.7465i	9.3188+0.3516i	1.7784+0.0571i
71.0	−0.9519+0.1606i	1.0983+0.4298i	8.6348+0.4940i	0.7671+0.5419i	2.0940+0.7205i	9.4519+0.1122i	1.8794−0.0091i
71.1	−0.9037+0.1723i	1.0638+0.4011i	8.5485+0.2913i	0.7847+0.5061i	2.0613+0.6634i	9.3230−0.0892i	1.8362−0.0797i
71.2	−0.8367+0.1386i	0.9729+0.4155i	8.8996+0.1435i	0.7719+0.4807i	2.0305+0.6612i	9.5831−0.2569i	2.0470−0.0880i
71.3	−0.8673+0.1311i	1.0205+0.4253i	8.8948−0.0903i	0.8132+0.4706i	2.0974+0.6438i	9.5708−0.4931i	2.0040−0.2440i
71.4	−0.8792+0.0766i	1.0155+0.4699i	9.1272−0.2771i	0.8324+0.4706i	2.1389+0.6745i	9.7722−0.7041i	2.0562−0.3792i
71.5	−0.8886+0.0680i	1.0357+0.4518i	9.0864−0.4255i	0.8435+0.4340i	2.1676+0.6346i	9.6733−0.8570i	1.9501−0.4812i
71.6	−0.8951+0.0365i	1.0309+0.4556i	9.2930−0.6436i	0.8494+0.4090i	2.2093+0.6044i	9.8161−1.0769i	1.9852−0.5482i
71.7	−0.9870−0.0164i	1.1444+0.5090i	9.5761−1.1234i	0.9294+0.3962i	2.3897+0.6035i	10.0660−1.5565i	2.0441−0.7556i
71.8	−1.0185−0.0094i	1.1665+0.4832i	9.6080−1.2380i	0.9446+0.3775i	2.4407+0.5662i	10.0621−1.6503i	1.9734−0.7934i
71.9	−1.0435+0.0228i	1.1672+0.4168i	9.4019−1.2700i	0.9441+0.3465i	2.4297+0.4875i	9.8124−1.6573i	1.8428−0.8200i
72.0	−1.1197+0.0673i	1.2428+0.3414i	9.1627−1.5822i	0.9601+0.2830i	2.4977+0.3525i	9.5412−1.9124i	1.7017−0.9023i
72.1	−1.1912+0.0303i	1.2803+0.3527i	9.7768−2.1242i	1.0122+0.2277i	2.6441+0.2871i	10.1068−2.4472i	1.8017−1.0346i
72.2	−1.2416+0.0648i	1.2903+0.2878i	10.0711−2.3565i	1.0321+0.1784i	2.7154+0.1799i	10.3874−2.6568i	1.7607−1.1119i
72.3	−1.2593+0.1097i	1.2598+0.2526i	9.9861−2.5399i	1.0109+0.1605i	2.6855+0.1001i	10.2989−2.8058i	1.6494−1.1220i
72.4	−1.3051+0.1551i	1.2671+0.1956i	9.8923−2.9184i	0.9972+0.1005i	2.6967−0.0307i	10.2075−3.1347i	1.5541−1.2190i
72.5	−1.3296+0.2158i	1.2551+0.1273i	9.8170−3.2571i	0.9826+0.0457i	2.6885−0.1645i	10.1452−3.4553i	1.4512−1.2571i
72.6	−1.3386+0.2531i	1.2291+0.0659i	9.9977−3.4213i	0.9792−0.0154i	2.7100−0.2774i	10.3162−3.5979i	1.4105−1.2300i
72.7	−1.4208+0.3324i	1.2698−0.0097i	10.3309−3.9996i	1.0091−0.0985i	2.8244−0.4638i	10.6300−4.1418i	1.3734−1.3175i
72.8	−1.4375+0.4186i	1.2472−0.0823i	10.1799−4.3651i	0.9787−0.1542i	2.7811−0.6109i	10.5047−4.4718i	1.2439−1.3424i
72.9	−1.4172+0.4494i	1.1946−0.1056i	9.8075−4.5096i	0.9175−0.1771i	2.6700−0.6671i	10.1723−4.6104i	1.1084−1.3170i
73.0	−1.4022+0.4825i	1.1756−0.1349i	9.6616−4.5501i	0.9112−0.2126i	2.6316−0.7246i	10.0497−4.6407i	1.0345−1.3216i
73.1	−1.4047+0.6052i	1.1511−0.2426i	9.5512−5.3012i	0.8761−0.3104i	2.5988−0.9697i	9.9492−5.3473i	0.9269−1.3574i
73.2	−1.4235+0.6494i	1.1374−0.2338i	9.3666−5.5635i	0.8438−0.3002i	2.5551−1.0140i	9.8328−5.6201i	0.8532−1.3025i
73.3	−1.3828+0.7188i	1.0665−0.2687i	9.1717−5.8787i	0.7967−0.3418i	2.4500−1.1159i	9.6534−5.9325i	0.7518−1.2278i
73.4	−1.3348+0.8054i	0.9953−0.3241i	8.8469−6.2815i	0.7274−0.3791i	2.3232−1.2468i	9.3441−6.3399i	0.6766−1.1891i
73.5	−1.2943+0.8948i	0.9547−0.3726i	8.4371−6.5294i	0.6815−0.3960i	2.2177−1.3548i	8.9973−6.6368i	0.6067−1.1705i
73.6	−1.3054+0.9040i	0.9546−0.3699i	8.5838−6.5425i	0.6820−0.4124i	2.2393−1.3567i	9.1530−6.6651i	0.5767−1.1463i
73.7	−1.2691+0.9730i	0.8806−0.4207i	8.3709−7.1181i	0.6054−0.4892i	2.1305−1.5152i	8.9717−7.2694i	0.4221−1.0905i
73.8	−1.2275+1.0656i	0.8341−0.4886i	7.9713−7.6239i	0.5408−0.5428i	2.0165−1.6766i	8.5860−7.8114i	0.3083−1.0543i
73.9	−1.1588+1.1148i	0.7799−0.5203i	7.5025−7.6984i	0.4794−0.5447i	1.8918−1.7265i	8.1185−7.8896i	0.2361−0.9879i
74.0	−1.1169+1.1489i	0.7418−0.5212i	7.3054−7.8101i	0.4430−0.5333i	1.8180−1.7511i	7.9080−7.9814i	0.2095−0.9250i
74.1	−1.0297+1.2009i	0.6817−0.5256i	6.4940−7.9841i	0.3571−0.5213i	1.6165−1.7924i	7.1276−8.2096i	0.1593−0.7840i
74.2	−0.9856+1.2453i	0.6100−0.5514i	6.3641−8.5166i	0.2971−0.5702i	1.5241−1.9088i	7.0450−8.7826i	0.0408−0.7107i
74.3	−0.8898+1.1925i	0.5556−0.4450i	5.6186−8.2359i	0.2505−0.4473i	1.3351−1.7620i	6.2663−8.5532i	0.0840−0.5220i
74.4	−0.8424+1.2372i	0.5169−0.4702i	5.3712−8.4090i	0.2275−0.4591i	1.2596−1.8320i	6.0510−8.7574i	0.1287−0.4916i
74.5	−0.8122+1.2767i	0.5080−0.4615i	5.0761−8.5298i	0.1987−0.4451i	1.2027−1.8535i	5.7902−8.9251i	0.1723−0.3534i
74.6	−0.7724+1.2833i	0.4787−0.4249i	4.5863−8.6218i	0.1380−0.3970i	1.0819−1.8327i	5.2918−9.0710i	0.2400−0.2249i
74.7	−0.7165+1.2897i	0.4142−0.4334i	4.6032−8.4907i	0.1192−0.4079i	1.0248−1.8356i	5.3180−8.9628i	0.2124−0.2059i
74.8	−0.6616+1.3110i	0.3820−0.4206i	4.2878−8.5771i	0.0898−0.3819i	0.9319−1.8401i	5.0226−9.1217i	0.2687−0.0944i
74.9	−0.6084+1.2740i	0.3632−0.3780i	3.9971−8.3477i	0.0862−0.3397i	0.8625−1.7655i	4.7156−8.9123i	0.3063+0.0107i

75.0	−0.5801+1.2852i	0.3631−0.3714i	3.7151−8.3915i	0.0828−0.3454i	0.8191−1.7716i	4.4090−8.9815i	0.3780+0.0506i
75.1	−0.4987+1.3049i	0.3455−0.3298i	2.9843−8.5644i	0.0543−0.2895i	0.6608−1.7546i	3.6418−9.2452i	0.5298+0.0996i
75.2	−0.4872+1.2325i	0.3751−0.2946i	2.7842−7.8286i	0.1115−0.2179i	0.6687−1.5935i	3.3715−8.5249i	0.6660+0.0626i
75.3	−0.4556+1.2410i	0.4006−0.2979i	2.5232−7.6070i	0.1295−0.1896i	0.6487−1.5635i	3.0565−8.3369i	0.7287+0.0477i
75.4	−0.3977+1.2714i	0.3653−0.2535i	2.0513−8.0491i	0.0515−0.1537i	0.5160−1.6010i	2.5795−8.8623i	0.8063+0.1482i
75.5	−0.3678+1.2550i	0.3751−0.2280i	1.7832−7.9651i	0.0637−0.1213i	0.4710−1.5514i	2.2696−8.8339i	0.9366+0.1604i
75.6	−0.4068+1.2379i	0.4184−0.2074i	1.9136−7.6456i	0.1071−0.1018i	0.5459−1.4910i	2.3669−8.4910i	1.0395+0.1496i
75.7	−0.3705+1.2333i	0.3997−0.1980i	1.7089−7.5682i	0.0918−0.1032i	0.4976−1.4817i	2.1152−8.4328i	1.0462+0.2060i
75.8	−0.2678+1.1991i	0.4090−0.1882i	0.7786−7.2612i	0.1079−0.0584i	0.3541−1.4044i	1.0315−8.2090i	1.1582+0.1637i
75.9	−0.2405+1.2031i	0.4336−0.2190i	0.6630−6.9288i	0.1621−0.0541i	0.3661−1.3834i	0.8851−7.8657i	1.2925+0.0338i
76.0	−0.2340+1.2075i	0.4197−0.2588i	0.8375−6.7885i	0.1716−0.0911i	0.3809−1.4050i	1.0485−7.6871i	1.2596−0.0291i
76.1	−0.2031+1.1912i	0.4436−0.2721i	0.4728−6.5459i	0.1817−0.0995i	0.3353−1.3825i	0.5910−7.4486i	1.3649−0.1522i
76.2	−0.1309+1.2159i	0.4530−0.2743i	0.0288−6.6953i	0.1930−0.0981i	0.2579−1.4094i	0.0745−7.6661i	1.5441−0.1507i
76.3	−0.0999+1.2138i	0.4130−0.3052i	0.2456−6.4261i	0.1962−0.1251i	0.2525−1.4180i	0.3020−7.3710i	1.4818−0.2251i
76.4	−0.0703+1.1481i	0.4061−0.2998i	0.1075−5.9041i	0.2122−0.0932i	0.2260−1.3162i	0.0787−6.8094i	1.4975−0.3037i
76.5	−0.0192+1.1280i	0.4037−0.3219i	−0.1547−5.5987i	0.2282−0.1010i	0.1747−1.2792i	−0.2794−6.4889i	1.5816−0.3934i
76.6	0.0227+1.1389i	0.3843−0.3509i	−0.2265−5.5408i	0.2296−0.1310i	0.1420−1.3098i	−0.3766−6.3828i	1.5759−0.5074i
76.7	0.0312+1.1221i	0.3494−0.3627i	0.0322−5.3488i	0.2193−0.1561i	0.1566−1.3036i	−0.0981−6.1507i	1.5460−0.5562i
76.8	0.0481+1.1128i	0.3083−0.4018i	0.2571−5.0632i	0.2280−0.2057i	0.1658−1.3044i	0.1065−5.8301i	1.4654−0.6651i
76.9	0.0890+1.0540i	0.3076−0.3903i	0.0641−4.7427i	0.2456−0.2080i	0.1285−1.2374i	−0.1360−5.4717i	1.4971−0.7340i
77.0	0.1446+1.0065i	0.2786−0.3922i	−0.2077−4.5697i	0.2119−0.2190i	0.0376−1.2067i	−0.4641−5.2792i	1.4933−0.7924i
77.1	0.1883+0.9910i	0.2383−0.3949i	−0.1330−4.5353i	0.2034−0.2342i	0.0119−1.2090i	−0.4238−5.2369i	1.4530−0.8929i
77.2	0.1945+0.9472i	0.1972−0.3863i	0.0299−4.3798i	0.1847−0.2539i	0.0017−1.1837i	−0.2808−5.0370i	1.3170−0.9602i
77.3	0.1404+0.8886i	0.2131−0.3712i	0.1302−3.9493i	0.1874−0.2248i	0.0492−1.0963i	−0.2152−4.5130i	1.3196−1.0760i
77.4	0.1397+0.9161i	0.2307−0.3842i	0.3266−3.9270i	0.2183−0.2431i	0.1007−1.1238i	−0.0202−4.4511i	1.2745−1.1251i
77.5	0.1782+0.8622i	0.2131−0.3380i	0.1683−3.9107i	0.2128−0.2103i	0.0450−1.0798i	−0.2036−4.4067i	1.2987−1.1484i
77.6	0.1758+0.7766i	0.2117−0.3103i	−0.0536−3.6423i	0.1989−0.2014i	0.0001−0.9914i	−0.4559−4.0271i	1.2274−1.2621i
77.7	0.1379+0.7611i	0.2386−0.3146i	0.1809−3.5926i	0.2266−0.2262i	0.0679−0.9919i	−0.2160−3.9452i	1.2485−1.2966i
77.8	0.1367+0.7408i	0.2210−0.3096i	0.2250−3.4878i	0.2104−0.2238i	0.0574−0.9834i	−0.1235−3.8223i	1.1791−1.2789i
77.9	0.1278+0.7200i	0.2301−0.3022i	0.1327−3.3396i	0.2059−0.2208i	0.0508−0.9531i	−0.2148−3.6375i	1.2216−1.3339i
78.0	0.1097+0.7398i	0.2477−0.3284i	0.2719−3.3645i	0.2350−0.2565i	0.0850−0.9926i	−0.0622−3.6201i	1.1662−1.4394i
78.1	0.0813+0.7652i	0.2229−0.3493i	0.5973−3.4022i	0.2367−0.3040i	0.1213−1.0467i	0.3583−3.6366i	0.9293−1.3501i
78.2	0.0809+0.7987i	0.2190−0.3741i	0.6798−3.3628i	0.2337−0.3210i	0.1333−1.0922i	0.4965−3.5933i	0.8692−1.3418i
78.3	0.0612+0.7623i	0.2217−0.3652i	0.7359−2.9759i	0.2426−0.2987i	0.1509−1.0267i	0.5756−3.1767i	0.8695−1.3965i
78.4	0.0737+0.7587i	0.2167−0.3732i	0.6788−2.9833i	0.2437−0.3226i	0.1308−1.0402i	0.5231−3.1781i	0.8576−1.4895i
78.5	0.0556+0.7694i	0.1982−0.3767i	0.8210−2.8510i	0.2412−0.3338i	0.1476−1.0343i	0.6955−3.0544i	0.7812−1.4059i
78.6	0.0526+0.7648i	0.1888−0.3837i	0.8201−2.7054i	0.2223−0.3318i	0.1420−1.0330i	0.7361−2.9117i	0.6963−1.4316i
78.7	0.0061+0.7704i	0.2031−0.3771i	1.1505−2.4749i	0.2473−0.3163i	0.2118−1.0170i	1.1176−2.6750i	0.6819−1.4185i
78.8	−0.0013+0.8368i	0.2027−0.3993i	1.3998−2.6120i	0.2649−0.3540i	0.2455−1.1037i	1.3922−2.8412i	0.6691−1.4417i
78.9	0.0504+0.8896i	0.1856−0.4363i	1.3689−2.7068i	0.2454−0.3998i	0.1899−1.1908i	1.3737−2.9465i	0.5655−1.5892i
79.0	0.0937+0.8788i	0.1714−0.4067i	1.4669−2.7836i	0.2374−0.3865i	0.1339−1.1887i	1.4520−3.0828i	0.6421−1.4904i
79.1	0.2057+0.8894i	0.1269−0.4239i	1.5793−3.0259i	0.2342−0.4442i	0.0217−1.2719i	1.5426−3.3846i	0.5187−1.5145i
79.2	0.3128+0.9061i	0.0765−0.4526i	1.5120−3.2088i	0.2071−0.4865i	−0.1039−1.3291i	1.4657−3.5951i	0.3845−1.5846i
79.3	0.3931+0.7654i	0.0277−0.4139i	0.8865−3.1736i	0.0955−0.4998i	−0.3129−1.2123i	0.7696−3.5490i	0.2397−1.6333i
79.4	0.3410+0.6896i	0.0530−0.3960i	0.7150−2.9103i	0.0713−0.4825i	−0.3077−1.0971i	0.5620−3.2326i	0.1216−1.6704i
79.5	0.3082+0.6380i	0.0439−0.3830i	0.7359−2.6558i	0.0533−0.4590i	−0.2966−1.0054i	0.5990−2.9318i	0.0105−1.5786i
79.6	0.2864+0.5927i	0.0360−0.3722i	0.8064−2.2454i	0.0443−0.4146i	−0.2709−0.9067i	0.6522−2.4986i	−0.0452−1.5067i
79.7	0.2663+0.5763i	0.0147−0.3741i	1.0049−2.1293i	0.0311−0.4182i	−0.2514−0.8928i	0.8896−2.3826i	−0.0925−1.4178i
79.8	0.2574+0.5519i	0.0185−0.3698i	0.9885−2.0904i	0.0122−0.4061i	−0.2785−0.8502i	0.8357−2.3363i	−0.1161−1.3637i
79.9	0.2746+0.5287i	0.0308−0.3757i	1.0284−2.0880i	0.0150−0.4047i	−0.2977−0.8195i	0.8329−2.3254i	−0.1438−1.3147i
80.0	0.2318+0.5843i	0.0246−0.4187i	1.3013−2.0428i	0.0355−0.4318i	−0.2322−0.8641i	1.1617−2.2688i	−0.2215−1.3282i

2.1.67 Run 6 – VT000-200 – Accels 1–8

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	18.6649+0.0000i	18.2788+0.0000i	-2.7189+0.0000i	14.9933+0.0000i	-2.5217+0.0000i	12.6133+0.0000i	7.4609+0.0000i	9.4356+0.0000i
0.1	2.4008+0.3640i	1.7644+0.5621i	-0.5205+0.0270i	0.7973+0.5743i	-0.7369-0.4407i	2.5019-0.9630i	0.8080-0.4917i	0.3769-0.6603i
0.2	0.1783+0.0940i	-0.1338-0.0515i	-0.0207-0.0858i	-0.1227-0.2334i	-0.1252+0.0157i	0.0705-0.1540i	-0.1443-0.0112i	-0.3442-0.7162i
0.3	-0.0227-0.0256i	-0.0292-0.0164i	0.0097+0.0420i	0.0032-0.0078i	0.0517+0.0124i	0.0047+0.0152i	0.0863-0.0464i	-0.1783-0.1881i
0.4	-0.0070-0.0261i	-0.0302-0.0046i	0.0260+0.0475i	0.0243-0.0126i	0.0518+0.0190i	-0.0172+0.0244i	0.0684+0.0314i	-0.1086-0.0899i
0.5	0.0021-0.0158i	-0.0339-0.0083i	0.0144+0.0216i	0.0068-0.0223i	0.0110+0.0271i	0.0112+0.0200i	0.0030+0.0204i	-0.0140+0.0025i
0.6	0.0020-0.0026i	-0.0059-0.0014i	0.0266+0.0106i	0.0089+0.0106i	0.0028+0.0034i	0.0031+0.0167i	-0.0028-0.0124i	-0.0031+0.0029i
0.7	0.0081+0.0032i	-0.0111+0.0006i	0.0243+0.0051i	0.0079+0.0117i	-0.0021+0.0034i	-0.0039+0.0067i	-0.0122-0.0065i	0.0032-0.0012i
0.8	0.0061+0.0056i	-0.0203-0.0099i	0.0166+0.0008i	-0.0011+0.0064i	0.0009-0.0006i	0.0012+0.0033i	-0.0082-0.0004i	-0.0023+0.0012i
0.9	0.0009+0.0028i	-0.0403-0.0104i	0.0141-0.0011i	-0.0043+0.0008i	0.0019+0.0001i	-0.0066-0.0006i	-0.0018-0.0017i	-0.0003+0.0010i
1.0	0.0037+0.0012i	-0.0456-0.0022i	0.0181+0.0113i	-0.0058-0.0029i	-0.0007-0.0003i	-0.0078-0.0015i	-0.0056-0.0009i	-0.0012+0.0005i
1.1	0.0040-0.0006i	-0.0561-0.0033i	0.0229+0.0162i	-0.0127+0.0008i	0.0004+0.0004i	-0.0045+0.0007i	-0.0093+0.0001i	-0.0043-0.0001i
1.2	0.0057-0.0047i	-0.0639+0.0048i	0.0302+0.0176i	-0.0168+0.0078i	0.0021-0.0006i	-0.0026-0.0016i	-0.0095+0.0014i	-0.0030+0.0007i
1.3	0.0148+0.0013i	-0.0705-0.0041i	0.0361+0.0101i	-0.0179+0.0021i	0.0032-0.0015i	-0.0081-0.0032i	-0.0073-0.0022i	-0.0010-0.0001i
1.4	0.0122+0.0030i	-0.0820-0.0003i	0.0415+0.0122i	-0.0174+0.0030i	0.0070-0.0011i	-0.0091-0.0040i	-0.0082-0.0015i	-0.0025-0.0008i
1.5	0.0157+0.0043i	-0.0870+0.0060i	0.0534+0.0157i	-0.0122-0.0001i	0.0075+0.0004i	-0.0064-0.0027i	-0.0089-0.0012i	-0.0020+0.0114i
1.6	0.0160+0.0060i	-0.0905+0.0137i	0.0695+0.0242i	-0.0107+0.0056i	0.0110+0.0003i	-0.0086-0.0015i	-0.0095-0.0003i	0.0173+0.0178i
1.7	0.0175+0.0014i	-0.1145+0.0020i	0.0757+0.0130i	-0.0172+0.0049i	0.0172-0.0015i	-0.0147-0.0029i	-0.0109-0.0006i	0.0233+0.0027i
1.8	0.0216-0.0001i	-0.1321-0.0075i	0.0813-0.0019i	-0.0152+0.0012i	0.0208-0.0031i	-0.0190+0.0001i	-0.0124-0.0022i	0.0253+0.0005i
1.9	0.0237+0.0035i	-0.1614+0.0193i	0.0942-0.0143i	-0.0246+0.0028i	0.0302-0.0184i	-0.0255-0.0008i	-0.0141-0.0027i	0.0342-0.0130i
2.0	0.0287+0.0128i	-0.1811+0.0598i	0.0730-0.0285i	-0.0243+0.0047i	0.0238-0.0438i	-0.0567+0.0009i	-0.0179-0.0027i	0.0310-0.0386i
2.1	0.0372+0.0085i	-0.1778+0.0920i	0.0528+0.0153i	-0.0237+0.0011i	0.0091-0.0499i	-0.0762+0.0663i	-0.0207-0.0029i	0.0237-0.0580i
2.2	0.0382+0.0045i	-0.1114+0.0981i	0.1548+0.0301i	-0.0278-0.0094i	0.0114-0.0572i	0.0512+0.0909i	-0.0212-0.0054i	0.0044-0.0696i
2.3	0.0377+0.0092i	-0.0965+0.1066i	0.1679-0.0483i	-0.0347-0.0021i	-0.0131-0.1081i	0.0758+0.0200i	-0.0244-0.0072i	-0.0248-0.1095i
2.4	0.0454+0.0088i	-0.0315+0.0651i	0.0531-0.0393i	-0.0398-0.0031i	-0.1474-0.0681i	0.0342+0.0044i	-0.0339-0.0045i	-0.1492-0.0697i
2.5	0.0504+0.0056i	-0.0887-0.0194i	0.0953+0.0313i	-0.0372-0.0011i	-0.0910+0.0378i	0.0263+0.0073i	-0.0334-0.0013i	-0.0956+0.0346i
2.6	0.0569+0.0080i	-0.1510-0.0224i	0.1533+0.0306i	-0.0368+0.0002i	-0.0178+0.0366i	0.0264+0.0046i	-0.0342-0.0031i	-0.0231+0.0354i
2.7	0.0633+0.0020i	-0.1758-0.0079i	0.1630+0.0186i	-0.0438-0.0016i	-0.0120+0.0132i	0.0250+0.0029i	-0.0372-0.0012i	-0.0152+0.0125i
2.8	0.0655+0.0018i	-0.2024-0.0059i	0.1623+0.0155i	-0.0577-0.0027i	-0.0157+0.0044i	0.0204+0.0025i	-0.0402-0.0020i	-0.0174+0.0049i
2.9	0.0697+0.0052i	-0.2150-0.0083i	0.1750+0.0131i	-0.0564-0.0043i	-0.0168+0.0028i	0.0163+0.0009i	-0.0430-0.0043i	-0.0186+0.0021i
3.0	0.0748+0.0041i	-0.2160-0.0078i	0.1952+0.0126i	-0.0578-0.0095i	-0.0170+0.0041i	0.0128+0.0007i	-0.0461-0.0047i	-0.0209+0.0014i
3.1	0.0818+0.0009i	-0.2352-0.0055i	0.2122+0.0165i	-0.0552-0.0073i	-0.0156+0.0045i	0.0115+0.0037i	-0.0510-0.0046i	-0.0198+0.0006i
3.2	0.0833+0.0060i	-0.2625-0.0052i	0.2301+0.0252i	-0.0591+0.0001i	-0.0176+0.0027i	0.0117+0.0009i	-0.0548-0.0027i	-0.0178-0.0021i
3.3	0.0877+0.0130i	-0.2897+0.0051i	0.2507+0.0267i	-0.0648+0.0077i	-0.0232+0.0038i	0.0132+0.0007i	-0.0583-0.0039i	-0.0218-0.0012i
3.4	0.0968+0.0093i	-0.3276+0.0059i	0.2539+0.0127i	-0.0829+0.0119i	-0.0220+0.0109i	0.0131+0.0073i	-0.0628-0.0060i	-0.0269+0.0116i
3.5	0.1059+0.0098i	-0.3398+0.0054i	0.2493+0.0055i	-0.0952+0.0004i	-0.0109+0.0153i	0.0146+0.0081i	-0.0684-0.0041i	-0.0151+0.0181i
3.6	0.1184+0.0087i	-0.3138+0.0112i	0.2758+0.0132i	-0.0812+0.0011i	0.0020+0.0137i	0.0182+0.0064i	-0.0752-0.0027i	-0.0003+0.0119i
3.7	0.1251-0.0071i	-0.3945-0.0116i	0.3358+0.0422i	-0.0892+0.0006i	-0.0119-0.0080i	0.0205-0.0005i	-0.0771+0.0078i	-0.0238-0.0114i
3.8	0.1289-0.0013i	-0.4200-0.0120i	0.3426+0.0229i	-0.1021+0.0015i	-0.0156-0.0016i	0.0143-0.0012i	-0.0807+0.0027i	-0.0187-0.0030i
3.9	0.1325+0.0001i	-0.4395-0.0107i	0.3480+0.0213i	-0.1096-0.0011i	-0.0162-0.0012i	0.0129+0.0006i	-0.0854+0.0005i	-0.0170-0.0021i
4.0	0.1395+0.0017i	-0.4570-0.0123i	0.3592+0.0193i	-0.1181-0.0022i	-0.0155-0.0016i	0.0138+0.0015i	-0.0907-0.0006i	-0.0177-0.0024i
4.1	0.1476+0.0027i	-0.4738-0.0119i	0.3775+0.0186i	-0.1253-0.0016i	-0.0159-0.0019i	0.0149+0.0001i	-0.0971-0.0011i	-0.0178-0.0026i
4.2	0.1570+0.0042i	-0.4971-0.0155i	0.3971+0.0151i	-0.1347-0.0042i	-0.0157-0.0008i	0.0156-0.0011i	-0.1042-0.0016i	-0.0170-0.0017i
4.3	0.1659+0.0052i	-0.5251-0.0186i	0.4168+0.0128i	-0.1446-0.0057i	-0.0158-0.0016i	0.0157-0.0017i	-0.1124-0.0034i	-0.0165-0.0013i
4.4	0.1822+0.0069i	-0.5508-0.0145i	0.4357+0.0127i	-0.1517-0.0014i	-0.0171-0.0022i	0.0159-0.0044i	-0.1222-0.0033i	-0.0169-0.0005i
4.5	0.1960+0.0063i	-0.5763-0.0163i	0.4510+0.0106i	-0.1620-0.0042i	-0.0190-0.0010i	0.0132-0.0082i	-0.1311-0.0043i	-0.0190-0.0007i
4.6	0.2054+0.0059i	-0.6041-0.0176i	0.4639+0.0138i	-0.1747-0.0026i	-0.0185-0.0018i	0.0127-0.0116i	-0.1391-0.0045i	-0.0187-0.0004i
4.7	0.2217-0.0022i	-0.6318-0.0369i	0.4839+0.0179i	-0.1860+0.0031i	-0.0193-0.0016i	0.0058-0.0203i	-0.1523-0.0024i	-0.0159+0.0018i
4.8	0.2352-0.0056i	-0.6857-0.0424i	0.4944+0.0127i	-0.2021-0.0022i	-0.0158-0.0015i	-0.0093-0.0208i	-0.1602-0.0025i	-0.0103+0.0002i
4.9	0.2442-0.0048i	-0.7331-0.0215i	0.5085+0.0374i	-0.2045+0.0043i	-0.0123-0.0001i	-0.0212-0.0047i	-0.1672-0.0020i	-0.0083-0.0033i
5.0	0.2625+0.0063i	-0.7713-0.0021i	0.5742+0.0547i	-0.2192-0.0046i	-0.0128-0.0049i	0.0023+0.0164i	-0.1844-0.0100i	-0.0105-0.0060i
5.1	0.2773+0.0068i	-0.7903-0.0015i	0.5944+0.0383i	-0.2436-0.0117i	-0.0141-0.0061i	0.0065+0.0116i	-0.2009-0.0125i	-0.0085-0.0078i
5.2	0.2942+0.0044i	-0.8129-0.0046i	0.6165+0.0322i	-0.2643-0.0160i	-0.0082-0.0074i	0.0088+0.0103i	-0.2188-0.0134i	-0.0026-0.0086i
5.3	0.3156-0.0046i	-0.8425+0.0036i	0.6237+0.0140i	-0.2863-0.0063i	-0.0121-0.0214i	0.0095+0.0035i	-0.2394-0.0047i	-0.0024-0.0188i
5.4	0.3322-0.0044i	-0.8585+0.0243i	0.6250+0.0063i	-0.3041-0.0020i	-0.0209-0.0307i	0.0067-0.0021i	-0.2550-0.0019i	-0.0037-0.0250i
5.5	0.3609-0.0175i	-0.8685+0.0377i	0.6354+0.0504i	-0.3200+0.0067i	-0.0347-0.0283i	0.0064+0.0080i	-0.2798-0.0006i	-0.0119-0.0278i
5.6	0.3762-0.0341i	-0.9012-0.0264i	0.7060+0.0741i	-0.3542+0.0341i	-0.0604-0.0027i	0.0373-0.0021i	-0.3144+0.0213i	-0.0340-0.0151i

5.7	0.4070-0.0178i	-0.9602-0.1066i	0.7664+0.0489i	-0.3795+0.0165i	-0.0511+0.0068i	0.0223-0.0254i	-0.3344+0.0180i	-0.0233-0.0014i
5.8	0.4403-0.0252i	-1.0291-0.0964i	0.7848+0.0481i	-0.4024+0.0128i	-0.0385+0.0115i	0.0022-0.0216i	-0.3606+0.0235i	-0.0082+0.0014i
5.9	0.4677-0.0216i	-1.0898-0.0835i	0.7931+0.0485i	-0.4321+0.0156i	-0.0327+0.0113i	-0.0144-0.0192i	-0.3871+0.0218i	0.0009+0.0008i
6.0	0.5071-0.0106i	-1.1353-0.0598i	0.7966+0.0560i	-0.4722+0.0068i	-0.0309+0.0040i	-0.0282+0.0005i	-0.4255+0.0115i	0.0085-0.0028i
6.1	0.5654-0.0271i	-1.1471-0.0549i	0.8190+0.0741i	-0.5239+0.0206i	-0.0356+0.0082i	-0.0161+0.0173i	-0.4822+0.0301i	0.0159-0.0057i
6.2	0.6201-0.0363i	-1.1606-0.0655i	0.8437+0.0968i	-0.5742+0.0315i	-0.0362+0.0151i	-0.0002+0.0233i	-0.5368+0.0443i	0.0272-0.0047i
6.3	0.6765-0.0454i	-1.1750-0.0763i	0.8647+0.1061i	-0.6269+0.0412i	-0.0337+0.0170i	0.0080+0.0204i	-0.5947+0.0557i	0.0411-0.0058i
6.4	0.7461-0.0851i	-1.2024-0.0986i	0.8830+0.1139i	-0.6932+0.0759i	-0.0286+0.0203i	0.0099+0.0159i	-0.6674+0.0986i	0.0614-0.0152i
6.5	0.8271-0.1082i	-1.2142-0.1198i	0.8907+0.1282i	-0.7713+0.0988i	-0.0243+0.0225i	0.0136+0.0141i	-0.7546+0.1255i	0.0855-0.0206i
6.6	0.9306-0.1417i	-1.2058-0.1470i	0.8806+0.1494i	-0.8708+0.1283i	-0.0230+0.0228i	0.0146+0.0111i	-0.8669+0.1627i	0.1167-0.0305i
6.7	1.0640-0.1866i	-1.1833-0.1936i	0.8557+0.1820i	-0.9947+0.1678i	-0.0164+0.0282i	0.0130+0.0074i	-1.0145+0.2140i	0.1634-0.0417i
6.8	1.2783-0.2874i	-1.1097-0.2743i	0.7792+0.2429i	-1.1977+0.2631i	-0.0111+0.0308i	0.0085+0.0066i	-1.2566+0.3306i	0.2405-0.0773i
6.9	1.5515-0.5074i	-0.9817-0.4584i	0.6557+0.4049i	-1.4558+0.4696i	-0.0055+0.0419i	0.0045+0.0106i	-1.5687+0.5873i	0.3421-0.1542i
7.0	1.8267-1.0334i	-0.8638-0.8919i	0.5478+0.7849i	-1.7253+0.9587i	0.0154+0.0580i	0.0076+0.0218i	-1.8886+1.2048i	0.4577-0.3489i
7.1	1.5646-2.2153i	-1.2490-1.8599i	0.8757+1.5978i	-1.4953+2.0727i	0.0782+0.0443i	0.0267+0.0240i	-1.5751+2.6054i	0.3889-0.8343i
7.2	0.3043-2.8138i	-2.4278-2.3084i	1.8574+1.9432i	-0.3086+2.6494i	0.1116-0.0331i	0.0362-0.0019i	-0.0740+3.3254i	-0.1016-1.1399i
7.3	-0.6257-2.4212i	-3.3265-1.9909i	2.5578+1.6906i	0.5719+2.2855i	0.0882-0.0752i	0.0092-0.0061i	1.0489+2.8788i	-0.5157-1.0398i
7.4	-1.1775-1.6140i	-3.9537-1.2766i	3.0832+1.1497i	1.0924+1.5264i	0.0608-0.0930i	0.0056+0.0173i	1.7419+1.9231i	-0.8136-0.7391i
7.5	-1.0745-0.9327i	-3.9546-0.6313i	3.1234+0.6084i	0.9951+0.8871i	0.0321-0.1048i	0.0220+0.0169i	1.6412+1.0983i	-0.8331-0.4512i
7.6	-0.7110-0.5174i	-3.7646-0.2349i	2.9723+0.2522i	0.6563+0.4979i	-0.0002-0.1093i	0.0252+0.0071i	1.2339+0.5935i	-0.7436-0.2656i
7.7	-0.5233-0.4124i	-3.7205-0.1321i	2.9286+0.1567i	0.4809+0.3994i	-0.0080-0.1067i	0.0235+0.0050i	1.0282+0.4651i	-0.6977-0.2120i
7.8	-0.3335-0.3212i	-3.7564-0.0603i	2.9487+0.0845i	0.2949+0.3123i	-0.0128-0.1027i	0.0241+0.0044i	0.8299+0.3541i	-0.6675-0.1662i
7.9	-0.2370-0.3076i	-3.8683-0.0262i	3.0280+0.0456i	0.1992+0.3022i	-0.0175-0.1109i	0.0263+0.0050i	0.7465+0.3333i	-0.6803-0.1580i
8.0	-0.1651-0.2705i	-4.0226+0.0558i	3.1458-0.0273i	0.1256+0.2691i	-0.0287-0.1194i	0.0276+0.0025i	0.6973+0.2770i	-0.7165-0.1290i
8.1	-0.0601-0.2410i	-4.1333+0.1674i	3.2211-0.1229i	0.0202+0.2362i	-0.0462-0.1190i	0.0267+0.0009i	0.6038+0.2210i	-0.7389-0.0837i
8.2	0.0211-0.2420i	-4.2894+0.2610i	3.3470-0.2022i	-0.0628+0.2397i	-0.0553-0.1229i	0.0284+0.0015i	0.5420+0.2004i	-0.7709-0.0513i
8.3	0.1037-0.2306i	-4.4799+0.3580i	3.5037-0.2902i	-0.1442+0.2330i	-0.0699-0.1329i	0.0309-0.0011i	0.4906+0.1683i	-0.8222-0.0202i
8.4	0.1848-0.2382i	-4.6758+0.4826i	3.6552-0.4089i	-0.2299+0.2485i	-0.0832-0.1389i	0.0313-0.0058i	0.4384+0.1486i	-0.8748+0.0218i
8.5	0.2787-0.2684i	-4.8995+0.6794i	3.8207-0.5759i	-0.3300+0.2856i	-0.1021-0.1373i	0.0311-0.0100i	0.3815+0.1352i	-0.9361+0.0947i
8.6	0.3532-0.3003i	-5.1040+0.8474i	3.9794-0.7217i	-0.4085+0.3249i	-0.1102-0.1398i	0.0284-0.0133i	0.3357+0.1293i	-0.9867+0.1554i
8.7	0.5022-0.3646i	-5.5145+1.1212i	4.3160-0.9633i	-0.5669+0.3992i	-0.1085-0.1434i	0.0244-0.0177i	0.2564+0.1281i	-1.0867+0.2580i
8.8	0.5802-0.4937i	-5.7357+1.5639i	4.4971-1.3435i	-0.6468+0.5338i	-0.1279-0.1415i	0.0221-0.0189i	0.2083+0.1560i	-1.1510+0.4184i
8.9	0.6952-0.6465i	-6.0885+2.1026i	4.7980-1.8420i	-0.7681+0.7001i	-0.1471-0.1401i	0.0229-0.0220i	0.1511+0.1787i	-1.2604+0.6272i
9.0	0.7325-0.8878i	-6.1639+2.9369i	4.8292-2.6054i	-0.8115+0.9675i	-0.1719-0.1291i	0.0186-0.0316i	0.1017+0.2221i	-1.2627+0.9575i
9.1	0.7622-1.0554i	-6.1905+3.4393i	4.7912-3.0324i	-0.8453+1.1514i	-0.1739-0.1290i	0.0094-0.0357i	0.0442+0.2848i	-1.2195+1.1311i
9.2	0.8390-1.5208i	-6.4715+4.8309i	5.0050-4.2748i	-0.9379+1.6630i	-0.1995-0.1501i	-0.0021-0.0390i	0.0022+0.4451i	-1.3147+1.6173i
9.3	0.3811-2.0863i	-5.0827+6.5950i	3.7247-5.8394i	-0.4415+2.2983i	-0.2505-0.1372i	-0.0205-0.0357i	0.1202+0.6135i	-0.8199+2.3038i
9.4	-0.6267-2.0647i	-1.9631+6.5025i	0.8893-5.7499i	0.6794+2.2920i	-0.2887-0.0760i	-0.0353-0.0152i	0.3967+0.6158i	0.3726+2.3666i
9.5	-0.9947-1.5508i	-0.8658+4.8549i	-0.1254-4.2687i	1.0978+1.7273i	-0.2755-0.0303i	-0.0317+0.0013i	0.4954+0.4744i	0.8646+1.8045i
9.6	-1.0299-1.1015i	-0.8317+3.4072i	-0.2012-2.9599i	1.1493+1.2299i	-0.2494-0.0111i	-0.0264+0.0123i	0.4973+0.3523i	0.9729+1.2764i
9.7	-0.9921-0.7512i	-1.0699+2.2654i	-0.0322-1.9455i	1.1150+0.8377i	-0.2294-0.0018i	-0.0190+0.0172i	0.4799+0.2589i	0.9763+0.8570i
9.8	-0.8425-0.5639i	-1.6815+1.6955i	0.4665-1.4124i	0.9427+0.6305i	-0.2192-0.0068i	-0.0124+0.0198i	0.4341+0.2077i	0.8264+0.6213i
9.9	-0.7368-0.4500i	-2.1224+1.3198i	0.8119-1.0681i	0.8308+0.5030i	-0.2165-0.0059i	-0.0080+0.0224i	0.3955+0.1765i	0.7315+0.4779i
10.0	-0.6387-0.3768i	-2.5611+1.0818i	1.1554-0.8446i	0.7185+0.4197i	-0.2140-0.0038i	-0.0044+0.0237i	0.3548+0.1576i	0.6386+0.3823i
10.1	-0.5495-0.3307i	-2.9802+0.9141i	1.4667-0.6828i	0.6186+0.3621i	-0.2135-0.0052i	-0.0005+0.0278i	0.3188+0.1489i	0.5621+0.3119i
10.2	-0.4676-0.3252i	-3.3773+0.8479i	1.7586-0.6265i	0.5264+0.3478i	-0.2147-0.0055i	0.0008+0.0288i	0.2852+0.1617i	0.4867+0.2764i
10.3	-0.4214-0.3478i	-3.7336+0.8128i	1.9925-0.6068i	0.4733+0.3699i	-0.2176-0.0055i	0.0045+0.0281i	0.2703+0.1912i	0.4341+0.2586i
10.4	-0.4182-0.3635i	-4.0264+0.8041i	2.1229-0.5717i	0.4583+0.3853i	-0.2214-0.0065i	0.0075+0.0297i	0.2807+0.2108i	0.4109+0.2485i
10.5	-0.4324-0.3514i	-4.2977+0.7686i	2.2706-0.4740i	0.4647+0.3657i	-0.2270-0.0068i	0.0116+0.0312i	0.3037+0.2107i	0.3956+0.2259i
10.6	-0.4409-0.3124i	-4.5499+0.7524i	2.4675-0.3828i	0.4648+0.3168i	-0.2294-0.0058i	0.0157+0.0359i	0.3218+0.1891i	0.3784+0.1988i
10.7	-0.4315-0.2646i	-4.7843+0.6621i	2.6381-0.2792i	0.4520+0.2760i	-0.2323-0.0061i	0.0194+0.0374i	0.3248+0.1610i	0.3598+0.1686i
10.8	-0.4014-0.2199i	-5.1617+0.6518i	2.8978-0.2476i	0.4044+0.2351i	-0.2399-0.0044i	0.0265+0.0376i	0.3090+0.1339i	0.3241+0.1456i
10.9	-0.3665-0.1887i	-5.5595+0.5851i	3.1618-0.1888i	0.3492+0.1913i	-0.2446-0.0048i	0.0329+0.0370i	0.2866+0.1152i	0.2947+0.1261i
11.0	-0.3336-0.1685i	-5.9142+0.5526i	3.3660-0.1533i	0.3109+0.1759i	-0.2497-0.0042i	0.0346+0.0359i	0.2685+0.1045i	0.2694+0.1129i
11.1	-0.3059-0.1552i	-6.2825+0.5567i	3.5989-0.1271i	0.2681+0.1747i	-0.2564-0.0036i	0.0401+0.0335i	0.2511+0.0970i	0.2480+0.1054i
11.2	-0.2823-0.1474i	-6.6824+0.5708i	3.8435-0.1154i	0.2247+0.1724i	-0.2639-0.0025i	0.0448+0.0313i	0.2347+0.0950i	0.2305+0.1001i
11.3	-0.2574-0.1319i	-7.0852+0.5717i	4.0795-0.1066i	0.1970+0.1539i	-0.2735-0.0004i	0.0481+0.0295i	0.2210+0.0911i	0.2118+0.0940i
11.4	-0.2294-0.1227i	-7.6273+0.6013i	4.3702-0.0970i	0.1454+0.1465i	-0.2823-0.0000i	0.0515+0.0264i	0.2039+0.0873i	0.1891+0.0876i
11.5	-0.2098-0.1191i	-8.0323+0.6194i	4.5902-0.0853i	0.1219+0.1427i	-0.2898-0.0017i	0.0536+0.0253i	0.1904+0.0855i	0.1729+0.0830i
11.6	-0.1897-0.1127i	-8.5398+0.6335i	4.8589-0.0881i	0.0791+0.1319i	-0.3012-0.0020i	0.0556+0.0212i	0.1746+0.0848i	0.1554+0.0783i
11.7	-0.1648-0.1090i	-9.1507+0.6237i	5.1824-0.0973i	0.0453+0.1258i	-0.3123-0.0028i	0.0598+0.0213i	0.1548+0.0841i	0.1351+0.0719i
11.8	-0.1415-0.1124i	-9.7413+0.7331i	5.4345-0.1299i	0.0038+0.1347i	-0.3215-0.0018i	0.0623+0.0181i	0.1384+0.0871i	0.1159+0.0741i
11.9	-0.1199-0.1127i	-10.3950+0.8772i	5.7231-0.1891i	-0.0445+0.1625i	-0.3322-0.0004i	0.0648+0.0165i	0.1193+0.0942i	0.1001+0.0739i

12.0	-0.1012-0.1217i	-11.0792+0.9501i	6.0094-0.2089i	-0.0807+0.1670i	-0.3455-0.0008i	0.0660+0.0136i	0.1013+0.1013i	0.0825+0.0738i
12.1	-0.0825-0.1411i	-11.9883+1.0496i	6.3891-0.2024i	-0.1199+0.1711i	-0.3631-0.0013i	0.0712+0.0121i	0.0814+0.1143i	0.0591+0.0780i
12.2	-0.0654-0.1601i	-12.9146+1.1661i	6.6960-0.2157i	-0.1696+0.1837i	-0.3808-0.0015i	0.0756+0.0120i	0.0638+0.1292i	0.0413+0.0802i
12.3	-0.0541-0.1820i	-13.8624+1.3394i	6.9829-0.2285i	-0.2035+0.2200i	-0.3990-0.0042i	0.0787+0.0128i	0.0459+0.1486i	0.0233+0.0845i
12.4	-0.0565-0.2088i	-14.9928+1.6471i	7.2577-0.2323i	-0.2344+0.2611i	-0.4210-0.0054i	0.0835+0.0134i	0.0357+0.1738i	0.0026+0.0937i
12.5	-0.0674-0.2321i	-16.1263+2.0940i	7.5585-0.2291i	-0.2543+0.2992i	-0.4450-0.0044i	0.0903+0.0145i	0.0360+0.1972i	-0.0149+0.1045i
12.6	-0.0859-0.2542i	-17.6565+2.4918i	7.8505-0.0077i	-0.2909+0.3168i	-0.4741-0.0067i	0.1018+0.0157i	0.0373+0.2174i	-0.0336+0.1169i
12.7	-0.1168-0.2712i	-19.3325+3.3427i	8.1767+0.2587i	-0.3049+0.3430i	-0.5056-0.0017i	0.1166+0.0183i	0.0460+0.2333i	-0.0478+0.1405i
12.8	-0.1443-0.2814i	-20.9181+4.3565i	8.5876+0.6234i	-0.3108+0.3757i	-0.5380+0.0033i	0.1329+0.0212i	0.0528+0.2443i	-0.0594+0.1666i
12.9	-0.1803-0.2946i	-22.7082+5.6080i	9.3201+1.2621i	-0.3491+0.3912i	-0.5764+0.0091i	0.1603+0.0200i	0.0592+0.2562i	-0.0598+0.1887i
13.0	-0.2166-0.2929i	-24.5859+7.1199i	10.1896+1.7631i	-0.3720+0.3947i	-0.6200+0.0163i	0.1985+0.0111i	0.0612+0.2592i	-0.0476+0.2068i
13.1	-0.2455-0.2817i	-26.8790+8.8129i	11.2146+2.3633i	-0.4229+0.4179i	-0.6722+0.0206i	0.2456-0.0096i	0.0496+0.2623i	-0.0383+0.2102i
13.2	-0.2701-0.2925i	-30.4302+11.0427i	12.2953+3.3630i	-0.5265+0.4559i	-0.7447+0.0161i	0.3147-0.0497i	0.0235+0.2796i	-0.0372+0.1955i
13.3	-0.2890-0.3279i	-33.4677+14.4803i	13.4346+4.5581i	-0.6197+0.5240i	-0.8235+0.0281i	0.3728-0.1203i	0.0025+0.3111i	-0.0513+0.1847i
13.4	-0.3581-0.3957i	-36.0079+21.1454i	15.7556+6.7090i	-0.6739+0.6705i	-0.9328+0.0807i	0.4172-0.2624i	0.0045+0.3791i	-0.0804+0.1771i
13.5	-0.4980-0.5074i	-36.4756+29.9446i	20.7709+10.7497i	-0.7690+0.8350i	-1.0629+0.1543i	0.3980-0.4888i	0.0343+0.4629i	-0.1297+0.1641i
13.6	-0.7617-0.5634i	-32.0151+38.8123i	30.1979+13.0469i	-0.7713+1.0486i	-1.1760+0.2734i	0.2210-0.7222i	0.1121+0.5260i	-0.2024+0.1752i
13.7	-1.1961-0.4671i	-22.7012+42.4179i	45.6197+8.8794i	-0.7002+1.2720i	-1.2797+0.4255i	-0.1807-0.8065i	0.2354+0.5355i	-0.3111+0.2226i
13.8	-1.4734-0.2261i	-19.9146+40.5346i	54.2514-0.3766i	-0.6318+1.3882i	-1.3692+0.5443i	-0.4049-0.6661i	0.2958+0.4895i	-0.3844+0.2930i
13.9	-1.7984+0.1236i	-21.3143+39.2924i	63.2448-13.6526i	-0.6066+1.5468i	-1.5334+0.7182i	-0.5736-0.4534i	0.3448+0.4472i	-0.4866+0.4054i
14.0	-2.1545+0.6551i	-26.9441+43.8897i	71.4415-32.4846i	-0.5863+1.8501i	-1.7905+1.0587i	-0.6641-0.2264i	0.3889+0.4311i	-0.6133+0.6064i
14.1	-2.2674+1.3249i	-28.7975+54.5220i	71.1736-53.0873i	-0.4053+2.2049i	-1.8764+1.5501i	-0.6581-0.0471i	0.4309+0.4090i	-0.6241+0.8757i
14.2	-1.8829+2.8091i	-17.7388+79.9271i	52.5003-93.2976i	0.3818+2.7733i	-1.5146+2.6528i	-0.5625+0.2378i	0.5277+0.2905i	-0.3599+1.4374i
14.3	-0.6089+3.5785i	10.5082+89.7663i	12.3625-108.9922i	1.3394+2.6402i	-0.4636+3.1813i	-0.3525+0.3741i	0.5523+0.1603i	0.2052+1.6340i
14.4	1.1017+3.1920i	43.4641+74.0057i	-34.6364-90.5050i	2.0531+1.7419i	0.8771+2.7687i	-0.0791+0.3485i	0.4724+0.0488i	0.8626+1.3278i
14.5	1.6426+2.3706i	51.1042+53.4579i	-46.9651-64.6637i	2.0078+1.0449i	1.2714+2.0558i	0.0128+0.2432i	0.4066+0.0312i	1.0306+0.9296i
14.6	1.7102+1.7640i	49.2916+37.9779i	-46.3905-44.8450i	1.7684+0.5845i	1.2877+1.4926i	0.0357+0.1593i	0.3699-0.0100i	1.0048+0.6186i
14.7	1.7215+1.4487i	46.3336+29.1210i	-43.4503-33.5848i	1.5329+0.3157i	1.2321+1.1671i	0.0344+0.1118i	0.3110-0.0568i	0.9345+0.4360i
14.8	1.7345+1.0702i	42.2360+20.6763i	-39.2265-23.3352i	1.2543+0.1550i	1.1382+0.8429i	0.0301+0.0731i	0.2212-0.0530i	0.8359+0.2957i
14.9	1.6909+0.8565i	39.3148+16.5453i	-36.1992-18.2609i	1.1104+0.0941i	1.0538+0.6782i	0.0252+0.0540i	0.1919-0.0316i	0.7719+0.2241i
15.0	1.6029+0.6756i	35.5121+13.1380i	-31.9826-14.0212i	0.9418+0.0552i	0.9301+0.5404i	0.0159+0.0401i	0.1627-0.0117i	0.6896+0.1639i
15.1	1.5393+0.5500i	32.4829+10.9286i	-28.5833-11.5441i	0.8060+0.0485i	0.8290+0.4546i	0.0078+0.0332i	0.1310+0.0139i	0.6270+0.1294i
15.2	1.4827+0.4381i	30.0166+8.9202i	-25.8936-9.4054i	0.6998+0.0513i	0.7470+0.3787i	0.0019+0.0282i	0.1103+0.0377i	0.5764+0.1056i
15.3	1.4210+0.3500i	27.7536+7.6976i	-23.5686-8.1457i	0.6227+0.0720i	0.6696+0.3333i	-0.0018+0.0292i	0.1047+0.0700i	0.5302+0.0868i
15.4	1.3606+0.2771i	25.5934+6.5473i	-21.5248-6.9776i	0.5678+0.0808i	0.5954+0.2929i	-0.0026+0.0301i	0.1045+0.0924i	0.4923+0.0711i
15.5	1.3181+0.2354i	24.0862+5.7489i	-20.1856-6.1526i	0.5272+0.0890i	0.5467+0.2649i	-0.0005+0.0280i	0.1074+0.0974i	0.4686+0.0651i
15.6	1.2803+0.1946i	22.5092+4.9305i	-18.7249-5.2200i	0.4875+0.0895i	0.4919+0.2397i	-0.0014+0.0270i	0.1014+0.1054i	0.4426+0.0536i
15.7	1.2526+0.1798i	21.4450+4.6392i	-17.7162-4.8624i	0.4616+0.0927i	0.4538+0.2316i	-0.0004+0.0270i	0.1079+0.1101i	0.4150+0.0512i
15.8	1.2246+0.1522i	20.1294+4.2057i	-16.4770-4.3288i	0.4147+0.0844i	0.4084+0.2170i	0.0015+0.0271i	0.1122+0.1185i	0.3825+0.0446i
15.9	1.2038+0.1419i	19.2323+3.9361i	-15.6086-3.9975i	0.3948+0.0820i	0.3764+0.2100i	0.0024+0.0250i	0.1086+0.1167i	0.3685+0.0434i
16.0	1.1807+0.1310i	18.2678+3.5420i	-14.7114-3.5390i	0.3622+0.0828i	0.3358+0.2091i	0.0077+0.0217i	0.1171+0.1072i	0.3376+0.0548i
16.1	1.1777+0.1213i	17.4923+3.2689i	-13.9547-3.2200i	0.3405+0.0852i	0.3047+0.2155i	0.0096+0.0218i	0.1067+0.1142i	0.3178+0.0555i
16.2	1.1746+0.1091i	16.7438+3.1175i	-13.2281-3.0649i	0.3099+0.0838i	0.2886+0.2327i	0.0099+0.0224i	0.0993+0.1232i	0.3054+0.0625i
16.3	1.1702+0.1033i	16.1566+2.9668i	-12.6950-2.9259i	0.2846+0.0826i	0.2865+0.2404i	0.0105+0.0226i	0.0979+0.1217i	0.3049+0.0709i
16.4	1.1713+0.1011i	15.6475+2.7892i	-12.2917-2.7549i	0.2724+0.0832i	0.2896+0.2360i	0.0130+0.0202i	0.0962+0.1184i	0.3018+0.0739i
16.5	1.1775+0.0918i	15.0989+2.5398i	-11.8208-2.4741i	0.2476+0.0925i	0.2835+0.2229i	0.0179+0.0212i	0.0957+0.1233i	0.2915+0.0634i
16.6	1.1711+0.0882i	14.6026+2.4620i	-11.3549-2.3593i	0.2179+0.0914i	0.2680+0.2158i	0.0202+0.0153i	0.1023+0.1125i	0.2761+0.0754i
16.7	1.1747+0.0932i	14.1299+2.3390i	-10.9058-2.2229i	0.2004+0.0694i	0.2488+0.2129i	0.0211+0.0108i	0.0981+0.1002i	0.2619+0.0836i
16.8	1.1948+0.0990i	13.6847+2.2529i	-10.5559-2.0921i	0.1816+0.0702i	0.2367+0.2180i	0.0264+0.0111i	0.0863+0.0993i	0.2489+0.0867i
16.9	1.2117+0.0769i	13.2243+2.1267i	-10.2008-1.9334i	0.1512+0.0911i	0.2291+0.2170i	0.0306+0.0106i	0.0786+0.1104i	0.2358+0.0924i
17.0	1.2129+0.0632i	12.9039+2.0543i	-9.8609-1.8170i	0.1327+0.0980i	0.2223+0.2150i	0.0278+0.0045i	0.0752+0.1129i	0.2391+0.1064i
17.1	1.2102+0.0694i	12.6123+1.9667i	-9.5403-1.6952i	0.1292+0.0817i	0.2083+0.2265i	0.0284+0.0048i	0.0757+0.1090i	0.2395+0.1146i
17.2	1.2287+0.0727i	12.2818+1.8531i	-9.2692-1.6317i	0.1137+0.0859i	0.2096+0.2364i	0.0345+0.0017i	0.0742+0.1050i	0.2302+0.1229i
17.3	1.2384+0.0671i	11.9244+1.8179i	-8.9577-1.5320i	0.0935+0.0913i	0.2076+0.2400i	0.0309-0.0072i	0.0664+0.0955i	0.2372+0.1370i
17.4	1.2508+0.0672i	11.6487+1.8087i	-8.6861-1.5102i	0.0718+0.0823i	0.2115+0.2450i	0.0283-0.0115i	0.0534+0.0912i	0.2464+0.1463i
17.5	1.2715+0.0687i	11.4259+1.7608i	-8.4759-1.4595i	0.0555+0.0753i	0.2180+0.2424i	0.0255-0.0105i	0.0413+0.0905i	0.2530+0.1460i
17.6	1.2938+0.0693i	11.2063+1.6952i	-8.2918-1.3915i	0.0352+0.0767i	0.2246+0.2419i	0.0251-0.0116i	0.0329+0.0919i	0.2569+0.1473i
17.7	1.3077+0.0607i	10.9846+1.6448i	-8.0920-1.3405i	0.0181+0.0792i	0.2348+0.2392i	0.0218-0.0130i	0.0293+0.0911i	0.2658+0.1484i
17.8	1.3297+0.0572i	10.7677+1.6069i	-7.8686-1.2675i	-0.0025+0.0825i	0.2409+0.2317i	0.0172-0.0151i	0.0205+0.0901i	0.2717+0.1484i
17.9	1.3589+0.0544i	10.5526+1.5295i	-7.6754-1.1861i	-0.0425+0.0836i	0.2452+0.2224i	0.0181-0.0163i	0.0076+0.0887i	0.2747+0.1429i
18.0	1.3863+0.0442i	10.3749+1.4440i	-7.4933-1.1156i	-0.0660+0.0922i	0.2474+0.2071i	0.0193-0.0157i	-0.0052+0.0903i	0.2770+0.1360i
18.1	1.4093+0.0328i	10.1755+1.4112i	-7.3248-1.0130i	-0.0854+0.1012i	0.2463+0.1873i	0.0182-0.0166i	-0.0210+0.0894i	0.2806+0.1268i
18.2	1.4267+0.0180i	10.0039+1.3498i	-7.1689-0.9594i	-0.0979+0.1097i	0.2420+0.1718i	0.0181-0.0179i	-0.0320+0.0972i	0.2785+0.1189i

18.3	1.4476+0.0047i	9.8102+1.3000i	-6.9866-0.8858i	-0.1257+0.1134i	0.2335+0.1613i	0.0152-0.0224i	-0.0407+0.1041i	0.2722+0.1137i
18.4	1.4736+0.0034i	9.6366+1.2739i	-6.7897-0.8745i	-0.1519+0.1116i	0.2222+0.1519i	0.0119-0.0212i	-0.0591+0.1012i	0.2703+0.1084i
18.5	1.5218-0.0050i	9.5126+1.2276i	-6.6161-0.8281i	-0.1847+0.1249i	0.2156+0.1437i	0.0091-0.0216i	-0.0852+0.1111i	0.2574+0.1013i
18.6	1.5683-0.0581i	9.3923+1.1553i	-6.4773-0.8084i	-0.2297+0.1720i	0.2105+0.1332i	0.0039-0.0140i	-0.1050+0.1479i	0.2404+0.1093i
18.7	1.5661-0.1171i	9.2492+1.0475i	-6.3505-0.7684i	-0.2355+0.2225i	0.1995+0.1209i	0.0024-0.0057i	-0.0967+0.1823i	0.2324+0.1197i
18.8	1.5349-0.1371i	9.0298+0.9931i	-6.1752-0.7108i	-0.1986+0.2391i	0.1806+0.1228i	0.0081-0.0066i	-0.0720+0.1874i	0.2335+0.1294i
18.9	1.5334-0.1445i	8.8921+0.9893i	-6.0465-0.6740i	-0.2033+0.2526i	0.1670+0.1214i	0.0116-0.0055i	-0.0696+0.1864i	0.2346+0.1334i
19.0	1.5333-0.1523i	8.7046+0.9308i	-5.8676-0.6455i	-0.2022+0.2506i	0.1512+0.1195i	0.0144-0.0047i	-0.0661+0.1838i	0.2306+0.1371i
19.1	1.5332-0.1562i	8.5402+0.8393i	-5.7274-0.6202i	-0.2007+0.2552i	0.1398+0.1164i	0.0188-0.0025i	-0.0651+0.1879i	0.2275+0.1410i
19.2	1.5400-0.1628i	8.3997+0.8092i	-5.5977-0.5943i	-0.2018+0.2613i	0.1274+0.1202i	0.0259-0.0011i	-0.0652+0.1889i	0.2238+0.1477i
19.3	1.5557-0.1590i	8.2504+0.8282i	-5.4823-0.6041i	-0.2153+0.2549i	0.1178+0.1298i	0.0280-0.0054i	-0.0723+0.1883i	0.2193+0.1546i
19.4	1.5750-0.1756i	8.1084+0.8155i	-5.4106-0.5916i	-0.2307+0.2682i	0.1058+0.1338i	0.0284-0.0100i	-0.0843+0.1996i	0.2220+0.1598i
19.5	1.5864-0.1957i	7.9569+0.7812i	-5.2983-0.5447i	-0.2415+0.2908i	0.0959+0.1401i	0.0343-0.0131i	-0.0862+0.2058i	0.2207+0.1723i
19.6	1.5869-0.2076i	7.8265+0.7589i	-5.1908-0.5094i	-0.2269+0.3022i	0.0867+0.1483i	0.0385-0.0217i	-0.0848+0.2198i	0.2204+0.1819i
19.7	1.5887-0.2156i	7.6975+0.7614i	-5.0558-0.5037i	-0.2168+0.2999i	0.0843+0.1546i	0.0456-0.0322i	-0.0814+0.2190i	0.2266+0.1870i
19.8	1.6040-0.2249i	7.5713+0.7810i	-4.9321-0.4769i	-0.2262+0.3162i	0.0771+0.1688i	0.0425-0.0350i	-0.0819+0.2282i	0.2263+0.1997i
19.9	1.6010-0.2312i	7.4707+0.7727i	-4.8418-0.4617i	-0.2244+0.3212i	0.0698+0.1788i	0.0352-0.0404i	-0.0807+0.2321i	0.2255+0.2127i
20.0	1.6060-0.2412i	7.3376+0.7633i	-4.7145-0.4280i	-0.2256+0.3332i	0.0695+0.1913i	0.0273-0.0465i	-0.0774+0.2384i	0.2344+0.2239i
20.1	1.6152-0.2466i	7.2541+0.7527i	-4.6254-0.4073i	-0.2363+0.3439i	0.0665+0.1985i	0.0160-0.0475i	-0.0805+0.2472i	0.2425+0.2323i
20.2	1.6217-0.2504i	7.1891+0.7663i	-4.5517-0.3998i	-0.2378+0.3531i	0.0638+0.2110i	0.0145-0.0454i	-0.0787+0.2557i	0.2500+0.2400i
20.3	1.6112-0.2492i	7.0837+0.7531i	-4.4520-0.4046i	-0.2212+0.3406i	0.0725+0.2178i	0.0107-0.0372i	-0.0653+0.2564i	0.2618+0.2460i
20.4	1.6126-0.2362i	6.9789+0.7437i	-4.3324-0.4138i	-0.2094+0.3382i	0.0840+0.2421i	0.0061-0.0223i	-0.0611+0.2473i	0.2758+0.2590i
20.5	1.6192-0.2291i	6.9115+0.7501i	-4.2651-0.4158i	-0.1998+0.3415i	0.0961+0.2501i	0.0215-0.0262i	-0.0595+0.2445i	0.2897+0.2577i
20.6	1.6410-0.2094i	6.8317+0.7371i	-4.1802-0.4202i	-0.2108+0.3232i	0.1060+0.2605i	0.0200-0.0218i	-0.0648+0.2330i	0.3006+0.2628i
20.7	1.6727-0.2009i	6.7822+0.7439i	-4.1149-0.4468i	-0.2289+0.3211i	0.1190+0.2664i	0.0229-0.0217i	-0.0748+0.2283i	0.3098+0.2673i
20.8	1.7020-0.2071i	6.6744+0.7225i	-4.0550-0.4448i	-0.2597+0.3236i	0.1346+0.2645i	0.0357-0.0194i	-0.0853+0.2366i	0.3233+0.2656i
20.9	1.7272-0.2117i	6.5955+0.6764i	-3.9996-0.3944i	-0.2722+0.3304i	0.1539+0.2634i	0.0396-0.0243i	-0.0940+0.2426i	0.3357+0.2640i
21.0	1.7520-0.2186i	6.5065+0.6850i	-3.8919-0.3943i	-0.2816+0.3303i	0.1652+0.2635i	0.0356-0.0297i	-0.1022+0.2465i	0.3443+0.2665i
21.1	1.7868-0.2339i	6.4207+0.6911i	-3.8308-0.3793i	-0.2959+0.3346i	0.1719+0.2626i	0.0494-0.0258i	-0.1116+0.2540i	0.3568+0.2707i
21.2	1.8203-0.2425i	6.3840+0.6776i	-3.7676-0.3793i	-0.3129+0.3429i	0.1872+0.2479i	0.0402-0.0276i	-0.1241+0.2609i	0.3638+0.2725i
21.3	1.8473-0.2655i	6.3058+0.6698i	-3.6985-0.3639i	-0.3348+0.3647i	0.1961+0.2288i	0.0414-0.0452i	-0.1349+0.2788i	0.3719+0.2711i
21.4	1.8596-0.3140i	6.2359+0.6508i	-3.6306-0.3389i	-0.3361+0.4057i	0.2005+0.2209i	0.0378-0.0482i	-0.1316+0.3071i	0.3802+0.2797i
21.5	1.8417-0.3453i	6.1879+0.6422i	-3.5460-0.3326i	-0.3074+0.4286i	0.2023+0.2071i	0.0367-0.0558i	-0.1138+0.3215i	0.3933+0.2789i
21.6	1.8372-0.3647i	6.1219+0.6344i	-3.4537-0.3157i	-0.2923+0.4501i	0.2084+0.1975i	0.0364-0.0718i	-0.0982+0.3354i	0.4075+0.2787i
21.7	1.8348-0.3800i	6.0715+0.5927i	-3.4165-0.2931i	-0.2832+0.4588i	0.2069+0.1895i	0.0439-0.0827i	-0.0896+0.3448i	0.4239+0.2773i
21.8	1.8127-0.4035i	6.0016+0.5742i	-3.3422-0.2880i	-0.2611+0.4691i	0.2004+0.1750i	0.0449-0.0937i	-0.0701+0.3550i	0.4426+0.2728i
21.9	1.7886-0.4019i	5.9193+0.5636i	-3.2586-0.2884i	-0.2240+0.4597i	0.1978+0.1615i	0.0269-0.0883i	-0.0426+0.3511i	0.4621+0.2659i
22.0	1.7535-0.3897i	5.8599+0.5823i	-3.1766-0.2713i	-0.1945+0.4610i	0.2011+0.1530i	0.0096-0.0840i	-0.0137+0.3487i	0.4769+0.2645i
22.1	1.7409-0.3712i	5.7718+0.5920i	-3.1286-0.2687i	-0.1813+0.4458i	0.1986+0.1535i	0.0139-0.0973i	0.0010+0.3340i	0.4940+0.2546i
22.2	1.7277-0.3506i	5.6925+0.5586i	-3.0515-0.2734i	-0.1638+0.4162i	0.1988+0.1417i	-0.0062-0.0867i	0.0143+0.3165i	0.5133+0.2402i
22.3	1.7228-0.3261i	5.6339+0.5514i	-2.9776-0.2752i	-0.1554+0.4048i	0.1936+0.1340i	-0.0169-0.0748i	0.0236+0.2984i	0.5204+0.2261i
22.4	1.7205-0.2922i	5.5778+0.5330i	-2.9287-0.2763i	-0.1460+0.3734i	0.1855+0.1253i	-0.0073-0.0701i	0.0338+0.2751i	0.5326+0.2057i
22.5	1.7245-0.2577i	5.5241+0.5166i	-2.8702-0.2814i	-0.1394+0.3292i	0.1821+0.1200i	-0.0108-0.0769i	0.0401+0.2487i	0.5426+0.1902i
22.6	1.7445-0.2079i	5.4726+0.5262i	-2.7962-0.2962i	-0.1387+0.2897i	0.1743+0.1111i	-0.0070-0.0649i	0.0333+0.2161i	0.5427+0.1737i
22.7	1.7730-0.1654i	5.3967+0.5315i	-2.7326-0.2822i	-0.1537+0.2689i	0.1672+0.1104i	0.0110-0.0658i	0.0214+0.1915i	0.5459+0.1600i
22.8	1.8108-0.1411i	5.3297+0.5260i	-2.6936-0.2710i	-0.1842+0.2437i	0.1603+0.1119i	0.0244-0.0764i	0.0072+0.1743i	0.5439+0.1482i
22.9	1.8619-0.1163i	5.3123+0.5196i	-2.6505-0.2766i	-0.2152+0.2213i	0.1559+0.1084i	0.0233-0.1017i	-0.0162+0.1594i	0.5408+0.1323i
23.0	1.8960-0.1028i	5.2357+0.5335i	-2.6079-0.2610i	-0.2428+0.2238i	0.1580+0.1038i	0.0272-0.1147i	-0.0347+0.1530i	0.5436+0.1244i
23.1	1.9195-0.0892i	5.1515+0.5557i	-2.5366-0.2609i	-0.2546+0.2081i	0.1535+0.0976i	0.0058-0.1339i	-0.0473+0.1430i	0.5433+0.1157i
23.2	1.9556-0.0552i	5.1054+0.5423i	-2.4712-0.2449i	-0.2813+0.1878i	0.1468+0.0927i	-0.0115-0.1430i	-0.0634+0.1264i	0.5410+0.1044i
23.3	2.0101-0.0517i	5.0578+0.5236i	-2.4116-0.2362i	-0.3240+0.1796i	0.1395+0.0908i	-0.0311-0.1391i	-0.0883+0.1211i	0.5380+0.0950i
23.4	2.0484-0.0513i	5.0139+0.4918i	-2.3892-0.2575i	-0.3546+0.1682i	0.1324+0.0877i	-0.0449-0.1299i	-0.1054+0.1196i	0.5349+0.0906i
23.5	2.0929-0.0458i	4.9721+0.4918i	-2.3138-0.2705i	-0.3670+0.1566i	0.1287+0.0853i	-0.0568-0.1123i	-0.1305+0.1165i	0.5328+0.0860i
23.6	2.1490-0.0500i	4.9164+0.4902i	-2.2535-0.2606i	-0.4039+0.1691i	0.1258+0.0808i	-0.0671-0.1144i	-0.1541+0.1189i	0.5341+0.0790i
23.7	2.1854-0.0424i	4.8783+0.4915i	-2.2198-0.2469i	-0.4274+0.1769i	0.1230+0.0784i	-0.0771-0.1177i	-0.1666+0.1188i	0.5334+0.0778i
23.8	2.2183-0.0458i	4.7871+0.5048i	-2.1529-0.2425i	-0.4540+0.1841i	0.1138+0.0738i	-0.0858-0.1144i	-0.1835+0.1220i	0.5303+0.0715i
23.9	2.2424-0.0554i	4.7258+0.4876i	-2.1120-0.2366i	-0.4731+0.1882i	0.1038+0.0700i	-0.0933-0.1043i	-0.1962+0.1268i	0.5290+0.0638i
24.0	2.2735-0.0648i	4.7120+0.4781i	-2.0625-0.2339i	-0.4816+0.2006i	0.0985+0.0674i	-0.1030-0.0919i	-0.2089+0.1360i	0.5309+0.0600i
24.1	2.2999-0.0683i	4.6661+0.4652i	-2.0105-0.2082i	-0.4809+0.2008i	0.0980+0.0656i	-0.1049-0.0752i	-0.2163+0.1405i	0.5329+0.0623i
24.2	2.3323-0.0708i	4.6154+0.4400i	-1.9631-0.2128i	-0.5090+0.1969i	0.0872+0.0607i	-0.1070-0.0665i	-0.2302+0.1393i	0.5316+0.0590i
24.3	2.3700-0.0621i	4.6005+0.4639i	-1.9150-0.2251i	-0.5258+0.1984i	0.0779+0.0595i	-0.1085-0.0586i	-0.2475+0.1373i	0.5315+0.0566i
24.4	2.3944-0.0544i	4.5354+0.4849i	-1.8738-0.2462i	-0.5339+0.1968i	0.0720+0.0603i	-0.1057-0.0487i	-0.2589+0.1354i	0.5309+0.0528i
24.5	2.4350-0.0507i	4.4763+0.4656i	-1.8063-0.2143i	-0.5485+0.1896i	0.0662+0.0578i	-0.1017-0.0388i	-0.2723+0.1319i	0.5312+0.0494i

24.6	2.4750−0.0464i	4.4520+0.4360i	−1.7493−0.2210i	−0.5630+0.1769i	0.0579+0.0613i	−0.0992−0.0339i	−0.2910+0.1346i	0.5285+0.0466i
24.7	2.5174−0.0359i	4.3954+0.4623i	−1.7176−0.2044i	−0.6004+0.1819i	0.0529+0.0606i	−0.0970−0.0336i	−0.3120+0.1299i	0.5315+0.0422i
24.8	2.5546−0.0451i	4.3383+0.4474i	−1.6589−0.1897i	−0.6365+0.1760i	0.0456+0.0603i	−0.0900−0.0324i	−0.3283+0.1390i	0.5347+0.0396i
24.9	2.5994−0.0510i	4.2941+0.4489i	−1.5835−0.1913i	−0.6607+0.1923i	0.0388+0.0628i	−0.0850−0.0278i	−0.3501+0.1496i	0.5326+0.0380i
25.0	2.6461−0.0736i	4.2294+0.4046i	−1.5428−0.1926i	−0.6971+0.2051i	0.0322+0.0616i	−0.0810−0.0219i	−0.3715+0.1618i	0.5301+0.0363i
25.1	2.6891−0.0877i	4.2131+0.3847i	−1.5167−0.1965i	−0.7183+0.2113i	0.0292+0.0610i	−0.0824−0.0205i	−0.3894+0.1712i	0.5315+0.0360i
25.2	2.7263−0.1015i	4.1761+0.3711i	−1.4845−0.1827i	−0.7387+0.2274i	0.0236+0.0665i	−0.0775−0.0187i	−0.4026+0.1846i	0.5308+0.0339i
25.3	2.7504−0.1112i	4.0983+0.3817i	−1.4357−0.1733i	−0.7598+0.2390i	0.0178+0.0653i	−0.0768−0.0173i	−0.4125+0.1930i	0.5341+0.0334i
25.4	2.7828−0.1119i	4.0499+0.4305i	−1.3643−0.1684i	−0.7593+0.2676i	0.0091+0.0633i	−0.0754−0.0145i	−0.4283+0.1968i	0.5401+0.0336i
25.5	2.8259−0.1202i	3.9986+0.4242i	−1.3265−0.1776i	−0.7828+0.2723i	0.0018+0.0648i	−0.0717−0.0165i	−0.4464+0.2034i	0.5440+0.0342i
25.6	2.8626−0.1333i	3.9749+0.3742i	−1.3120−0.1791i	−0.8226+0.2568i	−0.0023+0.0662i	−0.0706−0.0160i	−0.4632+0.2131i	0.5477+0.0343i
25.7	2.8999−0.1546i	3.9217+0.3584i	−1.2610−0.1798i	−0.8640+0.2695i	−0.0091+0.0655i	−0.0663−0.0145i	−0.4843+0.2307i	0.5528+0.0332i
25.8	2.9433−0.1821i	3.8721+0.3761i	−1.2159−0.1801i	−0.8760+0.3161i	−0.0200+0.0623i	−0.0680−0.0148i	−0.4993+0.2494i	0.5544+0.0356i
25.9	2.9698−0.1847i	3.8488+0.3735i	−1.1548−0.1691i	−0.8580+0.3096i	−0.0260+0.0604i	−0.0685−0.0135i	−0.5083+0.2569i	0.5619+0.0337i
26.0	3.0139−0.1952i	3.8198+0.3635i	−1.1140−0.1659i	−0.8770+0.3172i	−0.0362+0.0648i	−0.0672−0.0096i	−0.5308+0.2737i	0.5728+0.0282i
26.1	3.0532−0.2263i	3.7692+0.3874i	−1.0626−0.1661i	−0.8989+0.3669i	−0.0488+0.0750i	−0.0653−0.0063i	−0.5508+0.3006i	0.5765+0.0261i
26.2	3.0776−0.2690i	3.6608+0.3780i	−0.9927−0.1605i	−0.9166+0.3949i	−0.0558+0.0850i	−0.0611−0.0025i	−0.5555+0.3368i	0.5805+0.0168i
26.3	3.0875−0.2971i	3.6549+0.3837i	−0.9719−0.1618i	−0.9174+0.4078i	−0.0569+0.0920i	−0.0558−0.0001i	−0.5526+0.3644i	0.5787+0.0132i
26.4	3.1056−0.3153i	3.6610+0.3965i	−0.9444−0.1499i	−0.8841+0.4417i	−0.0626+0.0951i	−0.0499+0.0059i	−0.5505+0.3927i	0.5790+0.0094i
26.5	3.1166−0.3234i	3.6311+0.3551i	−0.9087−0.1411i	−0.8736+0.4479i	−0.0636+0.0977i	−0.0423+0.0070i	−0.5321+0.4097i	0.5812+0.0036i
26.6	3.1188−0.3178i	3.5873+0.3722i	−0.8537−0.1304i	−0.8723+0.4363i	−0.0599+0.0999i	−0.0348+0.0028i	−0.5120+0.4038i	0.5826+0.0062i
26.7	3.1308−0.2990i	3.5127+0.4294i	−0.7806−0.1125i	−0.8731+0.4553i	−0.0657+0.0965i	−0.0256−0.0010i	−0.5094+0.3898i	0.5869+0.0130i
26.8	3.1692−0.2969i	3.4665+0.3809i	−0.7411−0.1073i	−0.9045+0.4385i	−0.0726+0.0956i	−0.0208−0.0076i	−0.5209+0.3853i	0.5953+0.0139i
26.9	3.2071−0.2946i	3.5003+0.3729i	−0.6924−0.0986i	−0.9083+0.4232i	−0.0794+0.0964i	−0.0185−0.0110i	−0.5349+0.3799i	0.6064+0.0162i
27.0	3.2434−0.3040i	3.4125+0.3525i	−0.6485−0.0855i	−0.9371+0.4396i	−0.0875+0.0969i	−0.0117−0.0179i	−0.5478+0.3828i	0.6176+0.0092i
27.1	3.2787−0.3042i	3.3689+0.3398i	−0.6069−0.0888i	−0.9573+0.4304i	−0.0953+0.0990i	−0.0049−0.0253i	−0.5618+0.3902i	0.6241+0.0030i
27.2	3.3093−0.3032i	3.3546+0.3292i	−0.5571−0.1097i	−0.9739+0.4103i	−0.1018+0.1024i	0.0031−0.0342i	−0.5777+0.3938i	0.6305−0.0026i
27.3	3.3355−0.3059i	3.2879+0.3661i	−0.5183−0.0759i	−0.9976+0.4547i	−0.1075+0.1042i	0.0092−0.0465i	−0.5870+0.3957i	0.6315−0.0102i
27.4	3.4008−0.2979i	3.3037+0.2943i	−0.4497−0.1059i	−1.0033+0.4066i	−0.1120+0.1056i	0.0117−0.0683i	−0.6067+0.4008i	0.6298−0.0122i
27.5	3.4435−0.3045i	3.2855+0.3120i	−0.3936−0.0984i	−1.0357+0.4187i	−0.1217+0.1077i	0.0112−0.0876i	−0.6324+0.4058i	0.6369−0.0075i
27.6	3.4899−0.3249i	3.2115+0.2905i	−0.3635−0.0671i	−1.0782+0.4669i	−0.1369+0.1085i	0.0070−0.1190i	−0.6616+0.4239i	0.6471−0.0058i
27.7	3.5236−0.3392i	3.1227+0.3278i	−0.3378−0.0631i	−1.1066+0.4967i	−0.1477+0.1136i	−0.0126−0.1451i	−0.6775+0.4436i	0.6561−0.0082i
27.8	3.5683−0.3303i	3.1486+0.3497i	−0.2563−0.0684i	−1.0842+0.4642i	−0.1558+0.1184i	−0.0489−0.1616i	−0.6902+0.4538i	0.6674−0.0070i
27.9	3.6122−0.3492i	3.0842+0.3366i	−0.2140−0.0449i	−1.1117+0.5079i	−0.1679+0.1270i	−0.0937−0.1603i	−0.7106+0.4661i	0.6826−0.0097i
28.0	3.6759−0.3618i	3.0434+0.3380i	−0.1836−0.0562i	−1.1456+0.5196i	−0.1752+0.1307i	−0.1248−0.1461i	−0.7400+0.4799i	0.6959−0.0132i
28.1	3.7457−0.4144i	2.9976+0.3027i	−0.1983−0.0342i	−1.2299+0.5544i	−0.1812+0.1394i	−0.1465−0.1228i	−0.7680+0.5173i	0.7061−0.0232i
28.2	3.7748−0.4728i	3.0009+0.1827i	−0.1436−0.0426i	−1.2431+0.5524i	−0.1945+0.1391i	−0.1622−0.1038i	−0.7757+0.5620i	0.7253−0.0191i
28.3	3.7611−0.4822i	2.9422+0.1848i	−0.0765−0.0495i	−1.2119+0.5614i	−0.2133+0.1552i	−0.1710−0.0806i	−0.7598+0.5845i	0.7502−0.0306i
28.4	3.7982−0.4621i	2.9064+0.1991i	−0.0333−0.0543i	−1.2203+0.5361i	−0.2176+0.1743i	−0.1740−0.0651i	−0.7658+0.5842i	0.7613−0.0505i
28.5	3.8514−0.4714i	2.8790+0.2248i	0.0063−0.0099i	−1.2330+0.5812i	−0.2203+0.1836i	−0.1743−0.0495i	−0.7886+0.5897i	0.7716−0.0659i
28.6	3.9156−0.5015i	2.7511+0.2084i	0.0392+0.0254i	−1.3134+0.6344i	−0.2312+0.1937i	−0.1726−0.0298i	−0.8207+0.6129i	0.7870−0.0811i
28.7	3.9634−0.5191i	2.7672+0.1647i	0.0689−0.0102i	−1.3354+0.5949i	−0.2359+0.2065i	−0.1712−0.0167i	−0.8427+0.6371i	0.7961−0.0949i
28.8	4.0313−0.5403i	2.7907+0.1129i	0.0974−0.0606i	−1.3667+0.5498i	−0.2418+0.2176i	−0.1662−0.0055i	−0.8724+0.6700i	0.8106−0.1083i
28.9	4.0999−0.5903i	2.7025+0.0187i	0.1067−0.0598i	−1.4818+0.5582i	−0.2479+0.2333i	−0.1569+0.0033i	−0.8915+0.7113i	0.8239−0.1318i
29.0	4.1147−0.6310i	2.6287+0.1791i	0.2269+0.0716i	−1.3826+0.7521i	−0.2488+0.2463i	−0.1484+0.0065i	−0.9043+0.7496i	0.8265−0.1480i
29.1	4.1624−0.6770i	2.6913+0.1440i	0.2936+0.0407i	−1.3573+0.7264i	−0.2531+0.2598i	−0.1421+0.0156i	−0.9235+0.7958i	0.8349−0.1698i
29.2	4.2193−0.7193i	2.6939+0.0771i	0.3393−0.0359i	−1.3807+0.6701i	−0.2601+0.2743i	−0.1395+0.0202i	−0.9370+0.8452i	0.8464−0.1900i
29.3	4.2460−0.7818i	2.5585+0.0243i	0.3493−0.0120i	−1.4687+0.7295i	−0.2578+0.2940i	−0.1347+0.0222i	−0.9304+0.9033i	0.8527−0.2174i
29.4	4.2601−0.8941i	2.4480+0.0249i	0.3627+0.0601i	−1.5371+0.8947i	−0.2528+0.3222i	−0.1262+0.0264i	−0.9257+0.9877i	0.8512−0.2588i
29.5	4.2435−0.9523i	2.4627+0.1311i	0.4736+0.1288i	−1.4251+1.0298i	−0.2434+0.3359i	−0.1232+0.0258i	−0.8955+1.0448i	0.8421−0.2841i
29.6	4.2388−1.0213i	2.3434+0.1185i	0.5165+0.1615i	−1.4004+1.1110i	−0.2337+0.3470i	−0.1192+0.0277i	−0.8583+1.0981i	0.8298−0.3104i
29.7	4.2331−1.0722i	2.2718+0.0508i	0.5305+0.1893i	−1.4349+1.1605i	−0.2280+0.3535i	−0.1156+0.0271i	−0.8277+1.1325i	0.8212−0.3276i
29.8	4.1999−1.0842i	2.3262+0.1343i	0.6804+0.1879i	−1.2802+1.1328i	−0.2253+0.3582i	−0.1156+0.0288i	−0.7901+1.1696i	0.8166−0.3439i
29.9	4.1827−1.1438i	2.2893+0.1072i	0.6901+0.1967i	−1.2611+1.2012i	−0.2191+0.3699i	−0.1159+0.0340i	−0.7443+1.2139i	0.8093−0.3729i
30.0	4.1698−1.2119i	2.2342+0.0361i	0.7253+0.2316i	−1.2746+1.2591i	−0.2141+0.3775i	−0.1121+0.0355i	−0.7013+1.2528i	0.7953−0.3961i
30.1	4.1335−1.2222i	2.1788+0.0093i	0.7890+0.2191i	−1.2313+1.2488i	−0.2049+0.3819i	−0.1092+0.0324i	−0.6451+1.2708i	0.7703−0.4121i
30.2	4.0821−1.1798i	2.1468−0.0333i	0.8715+0.1952i	−1.1586+1.1588i	−0.1980+0.3850i	−0.1071+0.0287i	−0.5785+1.2611i	0.7386−0.4233i
30.3	4.0836−1.1581i	2.0845−0.0011i	0.8794+0.2259i	−1.1887+1.1780i	−0.2051+0.3910i	−0.1085+0.0274i	−0.5503+1.2453i	0.7181−0.4213i
30.4	4.1116−1.1679i	2.0465−0.0341i	0.9260+0.2092i	−1.2074+1.1725i	−0.2064+0.4066i	−0.1100+0.0317i	−0.5444+1.2519i	0.7086−0.4181i
30.5	4.1086−1.2056i	1.9716−0.0348i	1.0107+0.2146i	−1.1852+1.2174i	−0.1792+0.4372i	−0.1055+0.0349i	−0.5057+1.2772i	0.6910−0.4188i
30.6	4.0831−1.2130i	2.0302−0.0483i	1.0600+0.1953i	−1.1289+1.1697i	−0.1539+0.4490i	−0.1013+0.0323i	−0.4447+1.3051i	0.6790−0.4249i
30.7	4.0382−1.2256i	1.9632−0.0958i	1.1254+0.2546i	−1.0567+1.1936i	−0.1295+0.4529i	−0.0996+0.0362i	−0.3801+1.3138i	0.6626−0.4322i
30.8	3.9721−1.1917i	1.8453−0.0728i	1.1902+0.2748i	−1.0045+1.1943i	−0.1032+0.4362i	−0.1023+0.0378i	−0.3027+1.2648i	0.6375−0.4208i

30.9	3.9382−1.1288i	1.8903−0.0868i	1.2490+0.2466i	−0.9368+1.1170i	−0.0940+0.4220i	−0.1065+0.0387i	−0.2544+1.2260i	0.6319−0.4100i
31.0	3.9139−1.0589i	1.8286−0.1057i	1.3045+0.2864i	−0.9102+1.0848i	−0.0773+0.4051i	−0.1068+0.0353i	−0.2113+1.1671i	0.6188−0.3991i
31.1	3.9413−0.9893i	1.7465−0.0623i	1.3835+0.2761i	−0.9181+1.0368i	−0.0716+0.3882i	−0.1049+0.0374i	−0.2008+1.1038i	0.6047−0.3855i
31.2	3.9781−0.9180i	1.7415−0.0448i	1.4126+0.2546i	−0.9329+0.9678i	−0.0678+0.3699i	−0.1038+0.0426i	−0.2017+1.0517i	0.6003−0.3695i
31.3	4.0000−0.8761i	1.6997−0.0350i	1.4860+0.2476i	−0.9257+0.9418i	−0.0690+0.3513i	−0.1007+0.0373i	−0.2059+1.0013i	0.5985−0.3508i
31.4	4.0332−0.8227i	1.6181−0.0172i	1.5964+0.2463i	−0.8975+0.9102i	−0.0720+0.3357i	−0.1027+0.0325i	−0.2076+0.9536i	0.5948−0.3346i
31.5	4.0788−0.7804i	1.6203−0.0137i	1.6588+0.2247i	−0.9052+0.8527i	−0.0784+0.3189i	−0.1068+0.0308i	−0.2265+0.9129i	0.6033−0.3166i
31.6	4.1352−0.7493i	1.5725−0.0817i	1.7005+0.2268i	−0.9712+0.8218i	−0.0898+0.3040i	−0.1112+0.0293i	−0.2498+0.8788i	0.6137−0.3051i
31.7	4.1758−0.6812i	1.5260−0.0415i	1.7415+0.2577i	−0.9704+0.7796i	−0.1087+0.2872i	−0.1140+0.0453i	−0.2716+0.8312i	0.6292−0.2870i
31.8	4.2296−0.6413i	1.4790−0.0321i	1.7984+0.2847i	−0.9884+0.7657i	−0.1233+0.2759i	−0.1141+0.0488i	−0.3035+0.7993i	0.6425−0.2772i
31.9	4.3152−0.5920i	1.4931−0.0686i	1.8542+0.2718i	−1.0513+0.7459i	−0.1396+0.2689i	−0.1246+0.0566i	−0.3474+0.7658i	0.6610−0.2719i
32.0	4.3896−0.5746i	1.4621−0.1084i	1.8869+0.2658i	−1.1052+0.7156i	−0.1568+0.2640i	−0.1224+0.0630i	−0.3866+0.7453i	0.6750−0.2639i
32.1	4.4739−0.5335i	1.4281−0.1024i	1.9560+0.2540i	−1.1604+0.6807i	−0.1739+0.2538i	−0.1270+0.0669i	−0.4378+0.7213i	0.6968−0.2538i
32.2	4.5631−0.5121i	1.4200−0.1359i	2.0102+0.2549i	−1.2120+0.6678i	−0.1936+0.2533i	−0.1412+0.0645i	−0.4866+0.7164i	0.7183−0.2535i
32.3	4.6461−0.4958i	1.4120−0.1405i	2.0359+0.2321i	−1.2538+0.6638i	−0.2188+0.2512i	−0.1408+0.0721i	−0.5351+0.7174i	0.7452−0.2497i
32.4	4.7281−0.4786i	1.4142−0.1752i	2.0506+0.2044i	−1.2844+0.6430i	−0.2409+0.2433i	−0.1251+0.0933i	−0.5826+0.7125i	0.7717−0.2403i
32.5	4.8110−0.4702i	1.3482−0.2146i	2.1149+0.2102i	−1.3407+0.6340i	−0.2683+0.2376i	−0.1011+0.1044i	−0.6207+0.7117i	0.8017−0.2368i
32.6	4.8929−0.4295i	1.2981−0.2458i	2.1867+0.2244i	−1.4018+0.6294i	−0.2999+0.2384i	−0.1031+0.1189i	−0.6694+0.7033i	0.8320−0.2379i
32.7	4.9957−0.4328i	1.2843−0.2481i	2.1801+0.2020i	−1.4453+0.6244i	−0.3315+0.2443i	−0.0964+0.1199i	−0.7281+0.7030i	0.8675−0.2410i
32.8	5.1173−0.4484i	1.2459−0.2775i	2.1903+0.2177i	−1.5127+0.6538i	−0.3662+0.2557i	−0.0952+0.1022i	−0.7985+0.7127i	0.9066−0.2508i
32.9	5.2328−0.4479i	1.1765−0.3439i	2.2336+0.2109i	−1.5880+0.6420i	−0.3945+0.2646i	−0.0939+0.0914i	−0.8655+0.7245i	0.9414−0.2614i
33.0	5.3948−0.4676i	1.1464−0.4201i	2.1945+0.2792i	−1.7063+0.6745i	−0.4269+0.2839i	−0.0985+0.1013i	−0.9458+0.7579i	0.9863−0.2837i
33.1	5.5058−0.5077i	1.1197−0.4541i	2.2141+0.2779i	−1.7649+0.7037i	−0.4600+0.3058i	−0.1082+0.1205i	−1.0188+0.8027i	1.0296−0.3032i
33.2	5.6222−0.5930i	1.0723−0.4371i	2.2458+0.2789i	−1.8249+0.7604i	−0.5021+0.3363i	−0.0959+0.1375i	−1.1025+0.8727i	1.0885−0.3369i
33.3	5.7239−0.7011i	0.9441−0.4241i	2.2826+0.3516i	−1.8811+0.8675i	−0.5330+0.3754i	−0.0797+0.1643i	−1.1613+0.9675i	1.1340−0.3876i
33.4	5.7850−0.7809i	0.8924−0.4797i	2.2990+0.4480i	−1.9126+0.9350i	−0.5571+0.4153i	−0.0526+0.1675i	−1.1912+1.0481i	1.1698−0.4381i
33.5	5.8382−0.8743i	0.8999−0.5294i	2.3248+0.5713i	−1.9450+0.9886i	−0.5711+0.4743i	−0.0318+0.1444i	−1.1922+1.1549i	1.1932−0.5174i
33.6	5.8726−0.9751i	0.8085−0.5670i	2.4315+0.6580i	−1.9493+1.0477i	−0.5639+0.5267i	−0.0161+0.1281i	−1.1794+1.2544i	1.1895−0.5967i
33.7	5.8961−1.0498i	0.7935−0.6198i	2.4992+0.7684i	−1.9476+1.1175i	−0.5494+0.5644i	−0.0126+0.1262i	−1.1608+1.3260i	1.1745−0.6546i
33.8	5.9347−1.0843i	0.7795−0.6473i	2.5939+0.7489i	−1.9552+1.1289i	−0.5502+0.5919i	−0.0206+0.1155i	−1.1527+1.3775i	1.1732−0.6959i
33.9	5.9499−1.1232i	0.6964−0.6366i	2.7690+0.7410i	−1.9445+1.1505i	−0.5419+0.6102i	−0.0269+0.1125i	−1.1359+1.4264i	1.1567−0.7327i
34.0	5.9677−1.1522i	0.6954−0.6647i	2.8679+0.7747i	−1.9311+1.1887i	−0.5340+0.6244i	−0.0388+0.1163i	−1.1077+1.4660i	1.1384−0.7640i
34.1	6.0026−1.1704i	0.6981−0.7206i	2.9127+0.7904i	−1.9276+1.2059i	−0.5318+0.6287i	−0.0469+0.1284i	−1.0891+1.4871i	1.1305−0.7856i
34.2	6.0308−1.1922i	0.6588−0.7599i	2.9707+0.7829i	−1.9289+1.2270i	−0.5319+0.6417i	−0.0439+0.1421i	−1.0705+1.5092i	1.1209−0.8082i
34.3	6.0567−1.2105i	0.5809−0.8736i	3.0839+0.8227i	−1.9221+1.2364i	−0.5335+0.6611i	−0.0320+0.1577i	−1.0518+1.5289i	1.1098−0.8331i
34.4	6.0986−1.1885i	0.5417−0.8632i	3.1802+0.8113i	−1.9395+1.2411i	−0.5520+0.6721i	−0.0187+0.1705i	−1.0622+1.5386i	1.1172−0.8483i
34.5	6.1547−1.1861i	0.4500−0.9467i	3.2493+0.8947i	−1.9785+1.2464i	−0.5715+0.6948i	−0.0055+0.1752i	−1.0779+1.5528i	1.1317−0.8818i
34.6	6.2595−1.2265i	0.4460−1.0950i	3.2752+0.9353i	−2.0163+1.2546i	−0.5869+0.7275i	0.0099+0.1818i	−1.1065+1.5951i	1.1400−0.9213i
34.7	6.3386−1.2504i	0.4681−1.0607i	3.2779+0.8912i	−2.0399+1.2975i	−0.5960+0.7565i	0.0186+0.1798i	−1.1275+1.6356i	1.1444−0.9453i
34.8	6.4507−1.2957i	0.4310−1.1480i	3.3239+0.9368i	−2.0989+1.3237i	−0.6052+0.7949i	0.0362+0.1785i	−1.1523+1.6879i	1.1557−0.9961i
34.9	6.5253−1.3665i	0.3217−1.2819i	3.4129+0.9976i	−2.1356+1.3691i	−0.6064+0.8226i	0.0528+0.1847i	−1.1578+1.7383i	1.1586−1.0334i
35.0	6.6150−1.4242i	0.2340−1.3567i	3.4688+1.0185i	−2.1931+1.4254i	−0.6237+0.8617i	0.0722+0.1887i	−1.1789+1.7974i	1.1712−1.0857i
35.1	6.6937−1.4661i	0.1571−1.3962i	3.5197+1.0175i	−2.2218+1.4715i	−0.6403+0.8802i	0.0838+0.1933i	−1.1968+1.8359i	1.1888−1.1169i
35.2	6.7702−1.5275i	0.0717−1.4052i	3.5253+1.0358i	−2.2425+1.5144i	−0.6615+0.9217i	0.1070+0.1968i	−1.2065+1.9055i	1.2093−1.1777i
35.3	6.8151−1.6322i	−0.0511−1.5545i	3.5897+1.1774i	−2.2497+1.5694i	−0.6690+0.9607i	0.1399+0.1910i	−1.2042+1.9855i	1.2032−1.2374i
35.4	6.8738−1.7260i	−0.1433−1.6212i	3.6558+1.2449i	−2.2697+1.6467i	−0.6684+1.0160i	0.1706+0.1807i	−1.1948+2.0700i	1.1778−1.3113i
35.5	6.9233−1.8027i	−0.2364−1.6967i	3.7343+1.3144i	−2.2719+1.7044i	−0.6736+1.0758i	0.1972+0.1724i	−1.1787+2.1512i	1.1678−1.3937i
35.6	6.9701−1.8618i	−0.3334−1.6719i	3.8739+1.3128i	−2.2751+1.7594i	−0.6760+1.1199i	0.2167+0.1627i	−1.1624+2.2135i	1.1550−1.4533i
35.7	7.0496−1.9531i	−0.4692−1.7736i	3.9569+1.4331i	−2.3187+1.8210i	−0.6709+1.1859i	0.2439+0.1366i	−1.1446+2.2926i	1.1228−1.5379i
35.8	7.0815−2.0540i	−0.6348−1.8976i	4.0927+1.5094i	−2.3303+1.8721i	−0.6459+1.2338i	0.2650+0.1190i	−1.1110+2.3680i	1.0595−1.5922i
35.9	7.1418−2.1785i	−0.7532−1.9225i	4.1742+1.5859i	−2.3546+1.9729i	−0.6304+1.2970i	0.2987+0.1001i	−1.0867+2.4651i	1.0092−1.6624i
36.0	7.1548−2.3013i	−0.7850−1.9613i	4.2555+1.6760i	−2.3187+2.0873i	−0.6111+1.3548i	0.3290+0.0681i	−1.0302+2.5601i	0.9604−1.7214i
36.1	7.1533−2.3973i	−0.9855−2.0398i	4.4521+1.7584i	−2.3021+2.1481i	−0.5829+1.3921i	0.3483+0.0331i	−0.9643+2.6155i	0.8938−1.7535i
36.2	7.1457−2.5074i	−1.1098−2.0375i	4.5973+1.7649i	−2.2672+2.2274i	−0.5574+1.4286i	0.3625−0.0063i	−0.8998+2.6731i	0.8399−1.7696i
36.3	7.1838−2.6169i	−1.1557−2.1379i	4.6813+1.8705i	−2.2666+2.3069i	−0.5394+1.4954i	0.3843−0.0488i	−0.8491+2.7583i	0.7950−1.8248i
36.4	7.1769−2.7431i	−1.3591−2.2165i	4.8453+1.8802i	−2.2470+2.3798i	−0.5179+1.5483i	0.4058−0.0912i	−0.7753+2.8257i	0.7516−1.8578i
36.5	7.1262−2.8096i	−1.4646−2.2321i	4.9505+1.9005i	−2.1812+2.4184i	−0.4824+1.5871i	0.4102−0.1403i	−0.7037+2.8567i	0.7012−1.8803i
36.6	7.0753−2.9135i	−1.5274−2.3179i	5.0079+2.0110i	−2.1032+2.4950i	−0.4399+1.6650i	0.4133−0.2136i	−0.6057+2.9153i	0.6409−1.9417i
36.7	7.0374−2.9673i	−1.6647−2.2697i	5.1561+1.9607i	−2.0390+2.5531i	−0.4143+1.7121i	0.4153−0.2726i	−0.5312+2.9499i	0.6031−1.9629i
36.8	7.0251−3.0405i	−1.7416−2.3405i	5.2555+2.0444i	−2.0100+2.5930i	−0.3839+1.7584i	0.4067−0.3210i	−0.4660+2.9894i	0.5616−1.9963i
36.9	6.9576−3.0894i	−1.8802−2.4790i	5.3380+2.1472i	−1.9465+2.6067i	−0.3276+1.8273i	0.3874−0.3987i	−0.3705+3.0110i	0.4950−2.0459i
37.0	6.9278−3.0749i	−2.1109−2.4842i	5.5086+2.2369i	−1.8895+2.5989i	−0.2767+1.8539i	0.3469−0.4723i	−0.3041+2.9784i	0.4351−2.0480i
37.1	6.9411−3.1032i	−2.2753−2.4968i	5.7074+2.2689i	−1.8788+2.6218i	−0.2678+1.8928i	0.3286−0.5301i	−0.2797+2.9891i	0.4227−2.0725i

37.2	6.9481−3.1596i	−2.3213−2.5620i	5.8135+2.3252i	−1.8660+2.6596i	−0.2503+1.9695i	0.2978−0.5949i	−0.2417+3.0451i	0.3999−2.1282i
37.3	6.9162−3.2273i	−2.4788−2.6083i	5.9864+2.4053i	−1.8123+2.7238i	−0.1983+2.0774i	0.2279−0.6905i	−0.1639+3.1046i	0.3455−2.2101i
37.4	6.8591−3.2998i	−2.7082−2.6944i	6.2525+2.4740i	−1.7521+2.7832i	−0.1056+2.1436i	0.1426−0.7500i	−0.0678+3.1377i	0.2480−2.2564i
37.5	6.8191−3.3942i	−2.8716−2.9376i	6.4266+2.5632i	−1.6922+2.8159i	0.0204+2.2256i	0.0403−0.8091i	0.0393+3.1840i	0.1202−2.3103i
37.6	6.7596−3.4769i	−3.1401−3.0068i	6.5721+2.6604i	−1.6614+2.8745i	0.1399+2.3044i	−0.0974−0.8673i	0.1501+3.2332i	0.0160−2.3535i
37.7	6.7101−3.5752i	−3.2505−2.9499i	6.6077+2.6461i	−1.6030+2.9690i	0.2382+2.3882i	−0.2087−0.9140i	0.2482+3.2889i	−0.0650−2.4047i
37.8	6.5703−3.5952i	−3.4838−3.0023i	6.9274+2.6979i	−1.3850+2.9869i	0.4162+2.4350i	−0.4095−0.8834i	0.4250+3.2816i	−0.2005−2.4269i
37.9	6.4299−3.5833i	−3.8546−2.8852i	7.1489+2.6448i	−1.2905+2.9422i	0.5631+2.4124i	−0.5595−0.8295i	0.5722+3.2304i	−0.3159−2.3903i
38.0	6.3090−3.4715i	−4.1374−2.7705i	7.3906+2.6244i	−1.1922+2.8485i	0.7483+2.3429i	−0.7042−0.6996i	0.7259+3.1082i	−0.4575−2.3331i
38.1	6.1986−3.3131i	−4.4252−2.7471i	7.7518+2.6965i	−1.0982+2.7455i	0.8871+2.2577i	−0.8168−0.5437i	0.8215+2.9700i	−0.5558−2.2681i
38.2	6.2234−3.1876i	−4.6068−2.6634i	7.9635+2.6171i	−1.0953+2.6566i	0.9688+2.1988i	−0.8782−0.4039i	0.8516+2.8669i	−0.6115−2.2326i
38.3	6.3460−3.1138i	−4.5582−2.4973i	8.0859+2.4833i	−1.1225+2.6187i	1.0059+2.1588i	−0.8713−0.2487i	0.8202+2.8105i	−0.6340−2.2290i
38.4	6.4815−3.0848i	−4.7367−2.3484i	8.3212+2.4221i	−1.1862+2.6195i	1.0727+2.0969i	−0.8488−0.1036i	0.7890+2.7595i	−0.6906−2.1912i
38.5	6.5466−3.1653i	−4.9864−2.4559i	8.5199+2.4700i	−1.2420+2.6443i	1.1706+2.0918i	−0.8303+0.0307i	0.8200+2.7746i	−0.7840−2.2381i
38.6	6.5530−3.2448i	−5.1107−2.4770i	8.6534+2.4785i	−1.2127+2.6952i	1.2777+2.0564i	−0.7893+0.1311i	0.8663+2.7843i	−0.8899−2.2473i
38.7	6.5339−3.2745i	−5.3580−2.3541i	8.8630+2.4325i	−1.1711+2.7383i	1.3621+2.0053i	−0.7123+0.2153i	0.9227+2.7713i	−0.9913−2.2376i
38.8	6.4674−3.2426i	−5.6034−2.0983i	9.1761+2.2146i	−1.0827+2.7340i	1.4254+1.9534i	−0.6233+0.2885i	0.9907+2.7356i	−1.0855−2.2196i
38.9	6.3729−3.2111i	−5.6777−1.9666i	9.2610+2.1259i	−1.0058+2.7283i	1.5064+1.8784i	−0.5460+0.3354i	1.0792+2.6777i	−1.2128−2.1653i
39.0	6.3657−3.2058i	−5.8483−2.0173i	9.4704+2.0937i	−0.9365+2.6923i	1.6324+1.7768i	−0.4504+0.3763i	1.1545+2.6123i	−1.3993−2.0808i
39.1	6.3674−3.1928i	−6.1039−1.9848i	9.6809+1.9637i	−0.9143+2.6167i	1.6908+1.6481i	−0.3481+0.3765i	1.1688+2.5349i	−1.5183−1.9426i
39.2	6.4289−3.0978i	−6.3214−1.7685i	9.9164+1.8574i	−0.9273+2.5763i	1.7366+1.5514i	−0.2525+0.3740i	1.1712+2.4569i	−1.6134−1.8333i
39.3	6.3985−3.0490i	−6.4058−1.6632i	9.9590+1.7705i	−0.9016+2.5313i	1.7913+1.4518i	−0.1800+0.3450i	1.2066+2.3891i	−1.6986−1.6988i
39.4	6.4458−3.0835i	−6.5043−1.4422i	10.0870+1.6082i	−0.9132+2.5771i	1.8315+1.3445i	−0.1295+0.2965i	1.2223+2.3672i	−1.7759−1.5545i
39.5	6.4600−3.0188i	−6.6945−1.3125i	10.2117+1.5348i	−0.9416+2.5274i	1.8735+1.2389i	−0.0877+0.2655i	1.2411+2.2983i	−1.8347−1.4328i
39.6	6.4151−3.0330i	−6.7488−1.1320i	10.3739+1.3939i	−0.8565+2.5459i	1.8757+1.1235i	−0.0579+0.2259i	1.2641+2.2465i	−1.8485−1.2756i
39.7	6.3694−3.0050i	−6.8160−1.0688i	10.4607+1.2343i	−0.7830+2.4579i	1.8464+1.0034i	−0.0596+0.1823i	1.2801+2.1631i	−1.8178−1.0994i
39.8	6.4213−2.8865i	−6.9625−0.9583i	10.5403+1.2703i	−0.8313+2.4047i	1.8323+0.9135i	−0.0479+0.1694i	1.2547+2.0890i	−1.7744−0.9860i
39.9	6.4754−2.8903i	−6.9977−0.7050i	10.6359+1.1686i	−0.8640+2.4388i	1.7852+0.8325i	−0.0375+0.1436i	1.2207+2.0562i	−1.7165−0.8976i
40.0	6.5154−2.8458i	−6.9421−0.6695i	10.7488+1.1256i	−0.8284+2.3951i	1.7705+0.7327i	−0.0338+0.1146i	1.2081+2.0080i	−1.6939−0.7911i
40.1	6.5105−2.7341i	−6.9747−0.6134i	10.8513+1.0331i	−0.7783+2.3273i	1.7230+0.6796i	−0.0157+0.1006i	1.1959+1.9636i	−1.6403−0.7331i
40.2	6.5225−2.6597i	−6.9292−0.5843i	10.8809+1.0375i	−0.7521+2.3049i	1.6895+0.6318i	−0.0233+0.0890i	1.1971+1.9282i	−1.6134−0.6838i
40.3	6.6642−2.6252i	−6.9356−0.3545i	10.9351+0.7759i	−0.8136+2.2776i	1.6664+0.6260i	−0.0335+0.0612i	1.1693+1.9130i	−1.6027−0.6613i
40.4	6.6880−2.6108i	−7.0773−0.3074i	11.1212+0.7376i	−0.8151+2.2508i	1.6265+0.5676i	−0.0313+0.0308i	1.1443+1.8798i	−1.5622−0.5617i
40.5	6.7027−2.5327i	−7.0264−0.4114i	11.2468+0.7970i	−0.7364+2.2266i	1.6190+0.4982i	−0.0241+0.0144i	1.1493+1.8388i	−1.5351−0.4750i
40.6	6.7525−2.4764i	−7.0681−0.4180i	11.3343+0.7595i	−0.7293+2.2148i	1.5943+0.4443i	−0.0353−0.0000i	1.1385+1.8089i	−1.5033−0.4153i
40.7	6.8156−2.4170i	−7.3687−0.3453i	11.4502+0.6759i	−0.8354+2.1387i	1.5388+0.3955i	−0.0332−0.0235i	1.1074+1.7787i	−1.4369−0.3429i
40.8	6.9228−2.3259i	−7.2929−0.2295i	11.5379+0.5272i	−0.8217+2.0953i	1.5126+0.3805i	−0.0467−0.0346i	1.0960+1.7472i	−1.3841−0.3229i
40.9	7.0808−2.3124i	−7.1848−0.1365i	11.4205+0.4617i	−0.8888+2.1034i	1.5081+0.3310i	−0.0495−0.0449i	1.0582+1.7263i	−1.3550−0.2711i
41.0	7.1362−2.2866i	−7.4299−0.2193i	11.5786+0.5496i	−0.9120+2.0918i	1.4628+0.2805i	−0.0427−0.0716i	1.0289+1.7159i	−1.2882−0.2308i
41.1	7.1747−2.2377i	−7.3886−0.1303i	11.6434+0.5507i	−0.8784+2.1068i	1.4405+0.2702i	−0.0581−0.0842i	1.0167+1.6997i	−1.2604−0.2447i
41.2	7.3074−2.2468i	−7.4242−0.0022i	11.8457+0.5099i	−0.8693+2.1215i	1.3905+0.2373i	−0.0859−0.0996i	0.9891+1.7041i	−1.2254−0.2170i
41.3	7.3597−2.2331i	−7.3974−0.2818i	11.6632+0.5864i	−0.9337+2.0164i	1.3861+0.2070i	−0.0984−0.0958i	0.9807+1.6747i	−1.2027−0.1790i
41.4	7.5767−2.1367i	−7.6741−0.2613i	11.9580+0.4665i	−1.0348+1.9425i	1.3406+0.1901i	−0.1008−0.1032i	0.9055+1.6434i	−1.1265−0.1725i
41.5	7.6948−2.1759i	−7.6179−0.1698i	12.0609+0.3730i	−0.9976+1.9744i	1.3146+0.1662i	−0.1102−0.1202i	0.8638+1.6743i	−1.1137−0.1769i
41.6	7.6567−2.1730i	−7.5987−0.1922i	11.9392+0.5992i	−1.0041+2.0052i	1.2893+0.1421i	−0.1325−0.1213i	0.8835+1.6691i	−1.0909−0.1628i
41.7	7.8740−2.2148i	−7.9714−0.0298i	12.1879+0.4707i	−1.1348+2.0060i	1.2469+0.1419i	−0.1590−0.1353i	0.8521+1.6784i	−1.0618−0.1739i
41.8	7.9622−2.1509i	−8.0056−0.1654i	12.2766+0.6978i	−1.1383+1.9804i	1.2418+0.1232i	−0.1652−0.1394i	0.8393+1.6517i	−1.0699−0.1573i
41.9	8.1548−2.0796i	−8.2736−0.0341i	12.5716+0.5357i	−1.2328+1.8836i	1.2208+0.1387i	−0.1902−0.1517i	0.7763+1.6275i	−1.0448−0.1854i
42.0	8.3115−2.1417i	−8.3575+0.0840i	12.7945+0.4526i	−1.2701+1.9417i	1.2032+0.1288i	−0.2133−0.1400i	0.7346+1.6708i	−1.0389−0.1735i
42.1	8.3878−2.2093i	−8.3865−0.0609i	12.9140+0.5353i	−1.2676+1.9636i	1.1908+0.0867i	−0.2226−0.1295i	0.7136+1.6990i	−1.0185−0.1594i
42.2	8.4894−2.2628i	−8.5384+0.0119i	12.9653+0.4852i	−1.3555+1.9821i	1.1771+0.0669i	−0.2293−0.1177i	0.6874+1.7071i	−1.0438−0.1796i
42.3	8.7067−2.2689i	−8.5271+0.0827i	13.1214+0.5561i	−1.3877+2.0302i	1.1757+0.0302i	−0.2364−0.1074i	0.6318+1.7398i	−1.0926−0.1492i
42.4	8.8331−2.4686i	−8.5999+0.0138i	13.1829+0.5679i	−1.4914+2.0945i	1.1703−0.0199i	−0.2382−0.1115i	0.5998+1.8301i	−1.1249−0.1038i
42.5	8.8432−2.6467i	−8.7998+0.0548i	13.3589+0.4324i	−1.4993+2.1702i	1.1180−0.0444i	−0.2690−0.1113i	0.6389+1.8799i	−1.1095−0.0578i
42.6	8.9629−2.6773i	−8.6257+0.2007i	13.4844+0.5547i	−1.3887+2.2960i	1.0855−0.0730i	−0.2747−0.1076i	0.6854+1.9204i	−1.1152+0.0137i
42.7	8.8679−2.7380i	−8.7598+0.2614i	13.6138+0.4394i	−1.3309+2.3091i	1.0257−0.0703i	−0.2785−0.0870i	0.7525+1.9380i	−1.0630+0.0482i
42.8	8.9436−2.5353i	−9.0774−0.1501i	13.9198+0.6799i	−1.3625+2.0808i	0.9933−0.0535i	−0.2813−0.0987i	0.7177+1.8365i	−1.0551+0.0272i
42.9	9.3259−2.5876i	−9.2079−0.1576i	14.1494+0.7206i	−1.5448+2.0876i	1.0326−0.0976i	−0.2928−0.1059i	0.5975+1.8676i	−1.1174+0.1131i
43.0	9.4157−2.8348i	−9.2294−0.1545i	14.2955+0.6089i	−1.5478+2.1656i	1.0019−0.1528i	−0.2959−0.0975i	0.6041+1.9663i	−1.0797+0.1966i
43.1	9.3966−3.1041i	−9.5112+0.0437i	14.3631+0.4796i	−1.6297+2.3125i	0.9382−0.1685i	−0.3030−0.1070i	0.6448+2.0410i	−1.0255+0.2231i
43.2	9.3164−3.2074i	−9.4050+0.1080i	14.5176+0.4726i	−1.4929+2.4253i	0.8890−0.1534i	−0.3083−0.1209i	0.7149+2.0669i	−1.0356+0.2577i
43.3	9.3282−3.1062i	−9.4495+0.0092i	14.7925+0.4408i	−1.4057+2.3663i	0.8520−0.1300i	−0.3174−0.1096i	0.7510+2.0524i	−0.9340+0.3425i
43.4	9.4260−2.9928i	−9.5406−0.0437i	14.8950+0.5875i	−1.4218+2.3716i	0.8609−0.1161i	−0.3167−0.1036i	0.7323+2.0080i	−0.8533+0.3087i

43.5	9.7255-3.0703i	-9.7896-0.2867i	15.2945+0.5879i	-1.4811+2.2920i	0.8788-0.1507i	-0.3272-0.1276i	0.6330+2.0343i	-0.8874+0.2861i
43.6	9.8978-3.4020i	-9.9321-0.1285i	15.6602+0.6055i	-1.5334+2.5161i	0.8553-0.2274i	-0.3570-0.1661i	0.5985+2.2089i	-0.9325+0.3952i
43.7	9.8427-3.7983i	-10.2868+0.2255i	15.9789+0.4152i	-1.5429+2.8109i	0.7751-0.2608i	-0.4035-0.1624i	0.6521+2.3474i	-0.8672+0.5109i
43.8	9.6389-4.0217i	-10.3430+0.1786i	16.0421+0.4606i	-1.4081+2.9777i	0.7204-0.2828i	-0.4476-0.1527i	0.7649+2.4346i	-0.7415+0.5759i
43.9	9.4831-4.0396i	-10.4365+0.1034i	16.1018+0.2432i	-1.3180+2.9038i	0.6762-0.2634i	-0.4775-0.1374i	0.8783+2.4816i	-0.6098+0.5537i
44.0	9.3495-4.0142i	-10.6573-0.0447i	16.1600+0.3391i	-1.2640+2.8316i	0.6415-0.2548i	-0.5084-0.1135i	0.9800+2.4573i	-0.5458+0.4912i
44.1	9.3293-3.8844i	-10.7575-0.1925i	16.5056+0.4091i	-1.1430+2.6683i	0.6358-0.2431i	-0.5070-0.0980i	1.0033+2.4180i	-0.5269+0.4296i
44.2	9.2993-3.9957i	-10.8811-0.1780i	16.6763+0.4378i	-1.1636+2.7444i	0.6038-0.2904i	-0.5369-0.1131i	1.0767+2.4995i	-0.5259+0.4527i
44.3	9.0764-4.0249i	-11.0731-0.1490i	16.9010+0.3776i	-1.0721+2.8014i	0.5296-0.2830i	-0.6020-0.0767i	1.2246+2.4799i	-0.5103+0.4500i
44.4	8.9988-3.9223i	-10.9683-0.2445i	17.1633+0.4020i	-0.9177+2.8258i	0.5009-0.2565i	-0.6525-0.0245i	1.3086+2.3990i	-0.5491+0.4579i
44.5	9.0021-3.9249i	-11.1056-0.3108i	17.3237+0.2515i	-0.8880+2.7595i	0.4820-0.2446i	-0.6665+0.0173i	1.3291+2.3680i	-0.5155+0.5102i
44.6	8.9464-3.8035i	-11.2984+0.0353i	17.3229+0.0619i	-0.8835+2.7275i	0.4533-0.2201i	-0.6754+0.0778i	1.3995+2.3351i	-0.4183+0.5538i
44.7	9.0162-3.6022i	-11.5236-0.2128i	17.6553+0.1888i	-0.8138+2.6077i	0.4223-0.2243i	-0.6602+0.1191i	1.4350+2.2925i	-0.3255+0.5564i
44.8	9.0352-3.5761i	-11.7798-0.5028i	17.9374+0.0842i	-0.7823+2.4955i	0.3797-0.2103i	-0.6550+0.1515i	1.5034+2.2422i	-0.2210+0.5505i
44.9	9.1166-3.4382i	-12.1776-0.6740i	18.0642+0.1062i	-0.8114+2.3754i	0.3711-0.1901i	-0.6535+0.1701i	1.4898+2.1622i	-0.2086+0.4108i
45.0	9.3394-3.3874i	-12.3429-0.3764i	18.4153+0.1978i	-0.8817+2.4772i	0.3604-0.2102i	-0.6570+0.1778i	1.4621+2.1822i	-0.2507+0.4290i
45.1	9.3490-3.3102i	-12.3713-0.4330i	18.6182+0.1688i	-0.8263+2.4670i	0.3588-0.2060i	-0.6439+0.1920i	1.4907+2.1611i	-0.2222+0.4149i
45.2	9.4345-3.3078i	-12.9328-0.6229i	19.0121+0.1562i	-0.8688+2.3651i	0.3110-0.2369i	-0.6654+0.2024i	1.5092+2.1829i	-0.2199+0.4402i
45.3	9.5616-3.3713i	-13.1664-0.6557i	19.4615+0.1063i	-0.8834+2.3227i	0.2501-0.2554i	-0.7153+0.2235i	1.5483+2.2005i	-0.1716+0.4920i
45.4	9.5930-3.3375i	-13.1577-0.5698i	19.6355+0.0952i	-0.8166+2.3850i	0.1999-0.2545i	-0.7497+0.2824i	1.6299+2.1804i	-0.0652+0.4917i
45.5	9.5850-3.1655i	-13.3756-0.5224i	19.6898-0.0428i	-0.8307+2.3051i	0.1900-0.1997i	-0.7058+0.3692i	1.6348+2.0491i	-0.0624+0.4168i
45.6	9.7981-3.1945i	-14.2378-0.7305i	20.3441-0.1615i	-0.9245+2.2249i	0.1474-0.2022i	-0.6733+0.4061i	1.5781+2.0567i	-0.0486+0.4194i
45.7	9.6840-3.2068i	-14.5591-0.5363i	20.6758-0.2220i	-0.8271+2.2379i	0.0775-0.1858i	-0.6727+0.4393i	1.7061+2.0754i	0.0516+0.3830i
45.8	9.8568-3.0325i	-14.3890-0.7647i	20.9262-0.0494i	-0.8720+2.1707i	0.1023-0.2065i	-0.6585+0.4618i	1.6678+2.0236i	0.0175+0.3308i
45.9	10.1077-3.0243i	-14.6406-0.9462i	21.2933-0.1380i	-0.9348+2.2142i	0.0616-0.2562i	-0.6615+0.4988i	1.6591+2.0974i	-0.0032+0.3400i
46.0	10.2810-2.9680i	-15.0264-0.8759i	21.6778-0.3012i	-1.0052+2.2200i	-0.0168-0.2310i	-0.6589+0.5363i	1.7134+2.1027i	0.0156+0.3672i
46.1	10.3644-3.2093i	-15.3505-0.7703i	21.9625-0.8555i	-1.0765+2.2322i	-0.0738-0.2095i	-0.6628+0.6027i	1.7708+2.1301i	0.0635+0.4018i
46.2	10.2957-3.2717i	-15.7939-1.0322i	22.0609-0.8952i	-0.8904+2.2549i	-0.1541-0.2141i	-0.5996+0.6730i	1.8999+2.1402i	0.1729+0.4216i
46.3	10.3628-3.1553i	-16.1709-1.0932i	22.4446-0.8692i	-0.8379+2.1853i	-0.2072-0.1559i	-0.5447+0.6804i	1.9695+2.0163i	0.2705+0.3049i
46.4	10.4788-3.0770i	-16.3163-1.2717i	22.5932-1.0236i	-0.8617+2.1974i	-0.1991-0.1307i	-0.5122+0.7324i	1.9478+1.9794i	0.1923+0.1986i
46.5	10.5065-3.0656i	-16.7874-1.1978i	22.5149-1.0538i	-0.8584+2.1838i	-0.2017-0.1315i	-0.4485+0.7442i	1.9780+1.9805i	0.1196+0.2329i
46.6	10.6148-3.0602i	-17.1999-0.8953i	22.8228-1.1653i	-0.8439+2.1621i	-0.2437-0.0976i	-0.4064+0.7358i	2.0383+1.9148i	0.1448+0.2525i
46.7	10.6820-3.0041i	-17.9984-0.7531i	23.2955-1.1033i	-0.9154+2.1102i	-0.3115-0.0850i	-0.3821+0.7262i	2.0609+1.8803i	0.1812+0.2741i
46.8	10.8894-3.0727i	-18.5151-0.7334i	23.8235-1.0774i	-0.9902+2.1354i	-0.4017-0.1147i	-0.3982+0.7376i	2.1181+1.9290i	0.2610+0.3296i
46.9	10.9941-2.9710i	-18.6475-0.5546i	24.2091-1.3982i	-0.9481+2.1357i	-0.4635-0.0451i	-0.3777+0.7838i	2.1820+1.8717i	0.3192+0.2466i
47.0	10.9536-2.9921i	-19.5870-0.5083i	24.5587-1.7499i	-0.9185+2.1048i	-0.5460+0.0193i	-0.3091+0.8302i	2.2609+1.8064i	0.3275+0.2039i
47.1	11.2003-2.9897i	-20.3865-0.2702i	24.7616-1.6410i	-0.9542+2.1217i	-0.5822+0.0321i	-0.2604+0.7880i	2.2966+1.7826i	0.3248+0.2662i
47.2	11.3109-3.0257i	-20.4775+0.0082i	25.0863-1.6921i	-0.9439+2.1347i	-0.6464+0.0591i	-0.2520+0.7880i	2.3955+1.7560i	0.4210+0.3010i
47.3	11.3945-2.8686i	-20.6235+0.0742i	25.4260-1.7624i	-0.8857+2.0013i	-0.6988+0.1267i	-0.2208+0.7997i	2.4677+1.6368i	0.5254+0.2283i
47.4	11.3504-2.6887i	-21.2699+0.3516i	25.8863-1.8581i	-0.8361+1.9296i	-0.7670+0.2170i	-0.1825+0.8199i	2.5173+1.4880i	0.6023+0.1164i
47.5	11.4737-2.6078i	-21.5806+0.3828i	26.1346-1.9452i	-0.9159+1.8698i	-0.7777+0.2740i	-0.1521+0.8140i	2.4986+1.3922i	0.5897+0.0245i
47.6	11.8771-2.5671i	-22.3162+0.3653i	26.6106-2.2445i	-1.0088+1.8148i	-0.8360+0.3407i	-0.0936+0.8399i	2.5054+1.3003i	0.5889-0.0651i
47.7	12.1011-2.4165i	-22.8013+0.6457i	26.7972-2.3832i	-1.0420+1.7725i	-0.8525+0.3962i	-0.0445+0.8341i	2.4970+1.2379i	0.5109-0.0872i
47.8	12.3416-2.5478i	-23.4110+1.1997i	27.3549-2.7025i	-1.1135+1.8157i	-0.8988+0.4804i	-0.0281+0.8153i	2.5023+1.1807i	0.5220-0.0754i
47.9	12.5502-2.6730i	-23.7430+1.5734i	27.6964-2.9812i	-1.1910+1.8505i	-0.9094+0.5651i	-0.0186+0.8218i	2.4983+1.1020i	0.5482-0.1302i
48.0	12.6649-2.6081i	-24.4521+1.7663i	27.9605-3.0618i	-1.2180+1.8381i	-0.9456+0.6206i	0.0264+0.8367i	2.5086+1.0446i	0.5511-0.1359i
48.1	12.8169-2.5575i	-24.7499+2.3432i	28.2465-3.2427i	-1.2401+1.7810i	-0.9285+0.7133i	0.0704+0.7961i	2.4790+0.9429i	0.5658-0.1788i
48.2	12.9441-2.6343i	-25.4455+2.6923i	28.8551-3.4180i	-1.2702+1.7735i	-0.9841+0.7825i	0.0986+0.8140i	2.4912+0.8953i	0.5937-0.2244i
48.3	13.0432-2.7909i	-26.0078+2.7434i	29.1336-3.5482i	-1.2510+1.7894i	-1.0289+0.8079i	0.1325+0.8234i	2.5332+0.8687i	0.6150-0.2520i
48.4	13.4367-2.6827i	-26.8811+2.9457i	29.8480-3.7561i	-1.3617+1.7220i	-1.0718+0.8989i	0.1594+0.7993i	2.5418+0.7542i	0.6062-0.2987i
48.5	13.6741-2.6389i	-27.1523+3.2467i	30.2463-3.8555i	-1.3824+1.6960i	-1.0803+0.9511i	0.1698+0.7859i	2.5356+0.6972i	0.5980-0.3066i
48.6	13.9875-2.6515i	-27.8618+3.6305i	30.8598-3.9854i	-1.4793+1.7041i	-1.1318+1.0156i	0.1905+0.7875i	2.5400+0.6409i	0.5911-0.2884i
48.7	14.1853-2.7027i	-28.2778+3.5587i	31.3015-4.3035i	-1.5232+1.7040i	-1.1763+1.0761i	0.2197+0.8114i	2.5604+0.5796i	0.6460-0.2860i
48.8	14.3968-2.8291i	-29.2892+4.6341i	31.7456-4.9807i	-1.5960+1.7308i	-1.1868+1.2357i	0.2882+0.7837i	2.5244+0.4561i	0.7072-0.3797i
48.9	14.7287-3.0219i	-30.3117+5.3911i	32.2719-5.3628i	-1.6523+1.7201i	-1.2115+1.3472i	0.3277+0.7521i	2.5296+0.3694i	0.7339-0.4500i
49.0	15.0071-3.0139i	-30.6047+6.4419i	32.7419-5.7430i	-1.6954+1.7235i	-1.1922+1.4730i	0.3519+0.7332i	2.4907+0.2710i	0.7269-0.5235i
49.1	15.4274-3.0583i	-31.5190+6.6076i	33.6903-5.8248i	-1.7754+1.7217i	-1.2590+1.5462i	0.3729+0.7490i	2.5016+0.2147i	0.7628-0.5334i
49.2	15.5753-3.2723i	-31.7928+6.1611i	34.1305-5.8107i	-1.7883+1.7603i	-1.3055+1.5392i	0.3841+0.7942i	2.5486+0.2108i	0.8402-0.5821i
49.3	15.8824-3.2806i	-32.4696+7.1570i	34.6388-6.4672i	-1.8317+1.7911i	-1.3234+1.6775i	0.4474+0.7897i	2.5470+0.1143i	0.7997-0.7205i
49.4	16.1488-3.4452i	-32.8866+8.2710i	34.9420-7.3347i	-1.8872+1.7977i	-1.2994+1.8406i	0.5288+0.7690i	2.5255-0.0040i	0.7179-0.7977i
49.5	16.3234-3.3744i	-33.1849+8.8391i	35.3691-7.5647i	-1.9012+1.8202i	-1.3015+1.9307i	0.5806+0.7159i	2.5257-0.0985i	0.7275-0.8226i
49.6	16.7400-3.6062i	-34.5192+10.0470i	35.9798-8.2189i	-1.9892+1.8489i	-1.3177+2.1025i	0.6422+0.6809i	2.4898-0.2410i	0.6856-0.9295i
49.7	17.1965-3.9663i	-35.4845+11.6133i	36.6904-9.3218i	-2.1132+1.9130i	-1.3371+2.3057i	0.7099+0.6630i	2.4691-0.3524i	0.6262-0.9727i

49.8	17.2894-4.1729i	-36.1973+12.0892i	37.3349-10.0079i	-2.1682+1.9602i	-1.3893+2.4465i	0.7915+0.6568i	2.5250-0.4448i	0.6401-0.9911i
49.9	17.6895-4.6067i	-37.1407+12.2702i	37.7164-10.4603i	-2.1072+1.9976i	-1.4414+2.5803i	0.8778+0.5914i	2.6051-0.5923i	0.6841-0.9957i
50.0	17.9927-4.8504i	-37.3901+14.2770i	37.8963-11.2704i	-2.1226+2.0557i	-1.3388+2.7958i	0.9077+0.5017i	2.5090-0.7624i	0.6507-1.0980i
50.1	18.0901-5.1729i	-37.3805+16.5566i	37.7595-12.5608i	-2.1909+2.1721i	-1.1972+3.0541i	0.9902+0.3987i	2.4055-0.9696i	0.5640-1.2042i
50.2	18.2332-5.3765i	-38.1221+17.5511i	38.1086-13.3035i	-2.1869+2.1581i	-1.1520+3.2692i	1.0595+0.2917i	2.3453-1.1896i	0.5341-1.2845i
50.3	18.3492-5.4684i	-38.4256+18.9252i	38.2455-14.0827i	-2.2461+2.1728i	-1.0605+3.4401i	1.0895+0.1979i	2.2395-1.3404i	0.4820-1.3522i
50.4	18.4834-5.9551i	-38.2691+20.5842i	38.2200-14.9937i	-2.2715+2.2039i	-0.9168+3.6349i	1.0859+0.0896i	2.1027-1.5178i	0.3826-1.4254i
50.5	18.6816-6.4878i	-37.9149+22.1883i	38.2583-15.7889i	-2.3184+2.3060i	-0.7379+3.7789i	1.0726-0.0282i	1.9193-1.6181i	0.2515-1.4043i
50.6	18.7290-6.8587i	-37.2910+23.8623i	38.0697-16.5341i	-2.2940+2.4013i	-0.5922+3.9299i	1.0624-0.1278i	1.7964-1.7112i	0.2247-1.3758i
50.7	19.1798-7.0737i	-37.6344+24.5918i	38.4862-17.2377i	-2.2784+2.3932i	-0.5392+4.1516i	1.0800-0.1957i	1.7487-1.9424i	0.2572-1.4519i
50.8	19.6320-7.5753i	-38.0327+27.0779i	38.4130-18.5011i	-2.3469+2.5064i	-0.3488+4.4350i	1.0990-0.3632i	1.5224-2.1748i	0.1795-1.5601i
50.9	19.3009-8.3635i	-36.8790+30.1914i	37.5994-19.5459i	-2.3694+2.6463i	-0.0028+4.6728i	1.0054-0.5461i	1.2021-2.2952i	0.0614-1.5876i
51.0	19.2801-8.8170i	-36.0761+31.2684i	37.1972-20.2713i	-2.3480+2.7045i	0.2748+4.8604i	0.9335-0.6320i	0.9628-2.4791i	0.0004-1.6464i
51.1	19.0211-9.1348i	-32.9948+32.9748i	35.6966-21.1314i	-2.2605+2.7748i	0.7915+4.8801i	0.7936-0.7137i	0.5371-2.4513i	-0.1675-1.6573i
51.2	18.9297-9.8034i	-31.7831+34.8163i	34.8758-21.7065i	-2.2471+2.9001i	1.1941+4.9859i	0.7023-0.8325i	0.1875-2.5018i	-0.3111-1.6643i
51.3	18.9851-10.0755i	-30.7979+34.7458i	34.6835-21.5807i	-2.1874+2.8907i	1.4198+4.9569i	0.6194-0.8651i	-0.0116-2.4819i	-0.3731-1.6437i
51.4	19.0333-10.3060i	-29.6405+35.6078i	33.9342-21.9360i	-2.0868+2.9327i	1.7902+4.9862i	0.5281-0.9369i	-0.3218-2.4818i	-0.4899-1.6529i
51.5	18.8297-10.5955i	-28.8296+36.3146i	33.3535-22.0737i	-2.0774+2.9587i	2.1087+4.9718i	0.4698-0.9861i	-0.5862-2.4596i	-0.6174-1.6310i
51.6	18.3702-11.3850i	-28.1324+37.4331i	32.6080-21.7616i	-2.0487+2.9761i	2.4953+4.8941i	0.3577-1.0883i	-0.9318-2.4064i	-0.7429-1.5562i
51.7	18.6987-11.6653i	-27.6461+38.0683i	32.6041-21.5432i	-2.0524+3.0013i	2.7885+4.8074i	0.1982-1.1494i	-1.2170-2.3137i	-0.8121-1.5019i
51.8	18.4832-12.2232i	-25.6072+38.5947i	32.1086-21.1857i	-1.9939+3.0761i	3.1475+4.5701i	0.0585-1.1106i	-1.4977-2.0748i	-0.9349-1.3764i
51.9	18.4489-12.0549i	-23.6122+37.0987i	31.9502-20.0913i	-1.8957+2.9973i	3.2707+4.1325i	-0.0309-1.0158i	-1.5517-1.7155i	-0.8969-1.1831i
52.0	18.6724-12.0696i	-24.4609+37.3497i	32.1964-20.0644i	-1.9103+2.9654i	3.3742+4.0860i	-0.0714-1.0496i	-1.6492-1.7109i	-0.8339-1.1962i
52.1	18.6664-12.2487i	-25.1609+37.6650i	32.6947-19.9156i	-1.8970+2.9678i	3.4313+4.0206i	-0.1113-1.0636i	-1.7079-1.7038i	-0.8434-1.1976i
52.2	18.0538-12.5847i	-22.5584+38.4363i	33.4849-19.4014i	-1.8804+2.9560i	3.6478+3.6516i	-0.2481-0.9743i	-1.9112-1.3845i	-0.9196-1.0810i
52.3	17.4557-12.4145i	-19.7508+38.7217i	33.2620-19.5191i	-1.8350+2.9577i	3.8401+3.2750i	-0.3065-0.8718i	-2.0656-1.0169i	-0.9766-0.9666i
52.4	17.7754-12.0711i	-18.7138+37.0150i	33.7970-18.8930i	-1.7330+2.9159i	3.6606+2.9932i	-0.2081-0.8619i	-1.8544-0.8553i	-0.8871-0.8365i
52.5	16.8570-12.9700i	-16.6928+38.7465i	33.8107-19.1272i	-1.7492+2.9484i	3.8119+2.8764i	-0.3373-0.9750i	-2.0292-0.7591i	-0.8767-0.8487i
52.6	16.8886-13.6430i	-16.7546+39.8869i	34.1479-20.1916i	-1.8155+2.9678i	3.9724+2.9402i	-0.4042-1.1144i	-2.2590-0.8710i	-0.9323-0.8330i
52.7	17.4550-13.9893i	-17.0918+38.8618i	34.3234-20.4417i	-1.7855+2.9731i	3.9291+2.8889i	-0.4941-1.1775i	-2.3122-0.8568i	-0.8816-0.7364i
52.8	15.6146-14.3732i	-12.7480+39.5285i	34.4357-19.8682i	-1.6664+3.0107i	4.1436+2.6022i	-0.8608-1.1267i	-2.5773-0.4973i	-0.7818-0.6979i
52.9	15.1658-15.3549i	-11.7024+40.0487i	34.6652-20.4804i	-1.6228+3.0398i	4.3696+2.5811i	-1.0842-1.0825i	-2.8498-0.4342i	-0.7527-0.7388i
53.0	15.9760-15.3286i	-12.7518+38.2332i	35.0184-20.9184i	-1.5725+3.0303i	4.3501+2.6048i	-1.0928-1.0099i	-2.8211-0.4587i	-0.7036-0.7734i
53.1	15.8283-15.1045i	-12.5166+37.6225i	34.5727-20.8935i	-1.5147+3.0595i	4.4785+2.4531i	-1.1977-0.9225i	-2.9594-0.2578i	-0.6979-0.8117i
53.2	15.8230-15.0217i	-12.3004+37.5215i	33.9598-20.5529i	-1.4539+2.9496i	4.6773+2.2441i	-1.3429-0.8184i	-3.1617-0.0270i	-0.7451-0.8442i
53.3	15.5775-14.7853i	-11.6544+34.8839i	34.3643-19.5061i	-1.4089+2.8179i	4.5818+1.9395i	-1.3605-0.6460i	-2.9969+0.2591i	-0.7539-0.7680i
53.4	16.0633-14.9656i	-12.3708+34.9551i	35.1428-18.9888i	-1.3216+2.7685i	4.5914+1.8825i	-1.4343-0.6115i	-3.0196+0.2949i	-0.6834-0.7516i
53.5	16.2846-14.5506i	-13.5739+34.8433i	35.7670-19.0952i	-1.3432+2.6005i	4.6330+1.8680i	-1.4688-0.5354i	-3.0685+0.2727i	-0.6420-0.8275i
53.6	16.2856-15.5652i	-15.3207+35.8826i	35.4356-18.8060i	-1.4746+2.5474i	4.7292+1.8683i	-1.4540-0.5445i	-3.1972+0.2313i	-0.6800-0.9010i
53.7	14.1906-18.2591i	-12.3735+39.1112i	36.7896-16.8091i	-1.4742+2.5150i	5.0701+1.5228i	-1.7122-0.4235i	-3.5983+0.6206i	-0.7656-0.9200i
53.8	14.6862-16.7042i	-10.9250+35.6710i	39.1060-16.3454i	-1.5525+2.4772i	4.8613+1.2159i	-1.6780-0.1823i	-3.3305+0.9113i	-0.7786-0.8965i
53.9	12.9124-17.0398i	-9.9264+37.7735i	40.2473-16.3880i	-1.5257+2.4930i	5.1056+0.9015i	-1.8344+0.0336i	-3.5905+1.2937i	-0.9049-0.9552i
54.0	13.1051-16.9089i	-10.6292+35.7054i	41.0964-17.1250i	-1.5706+2.4610i	5.0094+0.7252i	-1.7910+0.0891i	-3.4884+1.3977i	-0.9376-0.9061i
54.1	13.2340-18.3213i	-11.6002+36.1314i	42.1956-16.1748i	-1.5852+2.3930i	4.9641+0.4979i	-1.8707+0.2057i	-3.4979+1.5991i	-0.9981-0.7895i
54.2	13.1391-18.6476i	-9.9249+36.6689i	45.3253-15.7072i	-1.6858+2.3070i	4.8286+0.3395i	-1.9027+0.4694i	-3.3562+1.7947i	-0.8880-0.7186i
54.3	12.4564-18.7011i	-10.6169+35.0130i	47.2444-17.7799i	-1.7199+2.2416i	4.7008+0.2832i	-1.7014+0.7043i	-3.2310+1.7279i	-0.8992-0.8317i
54.4	11.2421-19.3401i	-10.5567+37.0986i	48.9575-18.8462i	-1.8497+2.1683i	4.8206+0.1435i	-1.6275+0.8416i	-3.4302+1.8719i	-1.0133-0.8548i
54.5	9.0492-21.6851i	-9.3033+39.2300i	50.5397-19.9385i	-1.9504+2.1861i	4.9063-0.1035i	-1.5455+1.0178i	-3.5926+2.1403i	-1.1238-0.8335i
54.6	8.5069-24.2043i	-8.8888+40.0093i	50.9476-20.0526i	-1.9653+2.2299i	4.7971-0.2309i	-1.4081+1.0034i	-3.5344+2.2386i	-1.1295-0.7527i
54.7	4.9999-22.9433i	-5.4562+38.3745i	53.0207-20.5136i	-2.0521+2.3265i	4.5266-0.4257i	-1.2806+0.9778i	-3.2783+2.4577i	-1.0472-0.6344i
54.8	4.2053-19.8141i	-4.9876+36.4841i	54.9296-23.2826i	-2.1757+2.3310i	4.3960-0.5542i	-1.2699+1.2155i	-3.2072+2.6382i	-1.0499-0.7459i
54.9	5.3752-18.1418i	-5.8601+34.9548i	55.3121-24.2554i	-2.2814+2.2795i	4.2570-0.5362i	-1.0855+1.2963i	-3.0988+2.6118i	-1.1031-0.7653i
55.0	4.0448-19.9621i	-8.0932+37.2050i	55.9617-24.1682i	-2.3316+2.3803i	4.3224-0.4928i	-0.9823+1.2291i	-3.2711+2.5786i	-1.1789-0.7597i
55.1	2.1142-18.7729i	-7.0663+36.1854i	57.0320-25.8295i	-2.2935+2.4303i	4.2709-0.5837i	-0.8727+1.1610i	-3.2772+2.7275i	-1.2072-0.6885i
55.2	2.2987-16.2411i	-5.9813+32.6552i	58.2698-26.8725i	-2.2826+2.4068i	4.0436-0.6540i	-0.7012+1.1035i	-3.0308+2.7964i	-1.1894-0.5733i
55.3	0.4528-16.7593i	-6.7212+32.5541i	60.4207-27.6119i	-2.3397+2.4839i	4.0315-0.6865i	-0.6953+1.0416i	-3.1047+2.8384i	-1.1739-0.5097i
55.4	-3.2311-15.3652i	-5.6300+33.2382i	63.4532-29.2257i	-2.3196+2.4820i	4.0753-0.8039i	-0.7554+1.0709i	-3.2761+3.0178i	-1.1546-0.4567i
55.5	-4.9126-15.2302i	-7.5961+31.6582i	66.9860-32.8931i	-2.3343+2.5217i	4.1389-0.7521i	-0.7442+1.1685i	-3.4825+3.0030i	-1.1100-0.5478i
55.6	-5.0927-12.2757i	-8.3526+31.6239i	67.3472-34.8927i	-2.4076+2.5743i	4.0824-0.7882i	-0.5288+1.1235i	-3.4449+3.1153i	-1.1769-0.5275i
55.7	-5.3135-8.7012i	-8.6600+32.1389i	68.1296-37.5862i	-2.4723+2.6402i	4.0907-0.9553i	-0.4695+1.0414i	-3.5050+3.3888i	-1.2149-0.4524i
55.8	-5.2463-8.4012i	-9.2393+31.2261i	69.6618-40.4852i	-2.6768+2.5646i	4.0515-1.0532i	-0.4406+0.9456i	-3.5055+3.5347i	-1.1874-0.3875i
55.9	-5.3077-3.7299i	-9.7282+31.3299i	70.3999-42.9691i	-2.7549+2.5680i	3.9859-1.1487i	-0.4785+0.8720i	-3.4626+3.7613i	-1.1643-0.3314i
56.0	-5.8989-2.0654i	-10.9384+33.5059i	72.3201-44.3797i	-2.8242+2.6163i	4.0352-1.2028i	-0.6139+0.9138i	-3.5850+3.8861i	-1.1576-0.3316i

56.1	-7.9377-2.6337i	-12.9643+34.6039i	72.5530-49.0353i	-2.7809+2.7837i	4.0689-1.3203i	-0.5970+1.0771i	-3.7061+4.0818i	-1.2056-0.3716i
56.2	-4.8989+2.8961i	-13.1147+34.5272i	71.9353-52.4551i	-2.9226+2.8123i	3.9618-1.4392i	-0.4524+1.0000i	-3.5989+4.3733i	-1.1947-0.3006i
56.3	-3.1657+3.0791i	-13.1825+35.0741i	73.9512-55.2939i	-3.0203+2.8852i	3.9637-1.4878i	-0.4568+0.9223i	-3.6307+4.4547i	-1.1621-0.2610i
56.4	-0.7706+5.4216i	-13.8641+36.4959i	72.3101-59.0596i	-2.9188+3.0381i	3.8848-1.6796i	-0.4795+0.9221i	-3.4653+4.8397i	-1.1467-0.2017i
56.5	-4.1917+7.3034i	-14.8091+39.6620i	73.6939-64.6595i	-2.8933+3.1467i	3.9702-1.8615i	-0.5605+0.9510i	-3.7083+5.2064i	-1.1478-0.1995i
56.6	0.2997+7.7862i	-14.6639+39.4026i	72.6499-65.8147i	-2.9727+3.2342i	3.8210-1.8869i	-0.5423+0.9189i	-3.5106+5.2340i	-1.0862-0.1733i
56.7	6.9176+11.5371i	-14.6132+39.9583i	70.5223-68.0499i	-3.0938+3.4633i	3.6133-1.9804i	-0.5005+0.8823i	-3.1566+5.4410i	-1.0182-0.1369i
56.8	8.4433+12.4803i	-11.9237+40.6525i	70.5116-72.6729i	-3.0719+3.4660i	3.5212-2.1300i	-0.5113+0.9044i	-3.0101+5.7339i	-0.9974-0.1226i
56.9	4.3682+14.1201i	-12.7470+44.4663i	69.1558-79.5818i	-2.9638+3.6667i	3.5162-2.3540i	-0.5844+0.9766i	-3.1016+6.1846i	-1.0198-0.1402i
57.0	8.9783+19.3583i	-10.1200+45.8811i	63.9115-82.6464i	-2.9277+3.8189i	3.2684-2.5218i	-0.5612+1.0553i	-2.6278+6.6179i	-1.0224-0.1114i
57.1	13.1359+23.2639i	-7.3206+48.6825i	63.1972-88.7779i	-3.0136+3.9290i	3.2078-2.7052i	-0.5926+1.2585i	-2.4990+7.0725i	-1.0589-0.1388i
57.2	14.2045+13.3049i	-9.5859+48.0452i	63.0608-93.2099i	-3.0667+4.0941i	3.1900-2.6803i	-0.4793+1.3201i	-2.5114+6.9535i	-1.0826-0.1965i
57.3	15.8280+18.1600i	-7.5965+49.9389i	58.0795-94.0186i	-2.9643+4.1979i	2.9920-2.7643i	-0.3560+1.2657i	-2.1699+7.1872i	-1.0985-0.1310i
57.4	18.8757+15.6368i	-5.1240+49.3894i	55.9489-97.3572i	-2.9547+4.2886i	2.8626-2.8459i	-0.3414+1.2009i	-1.9416+7.3438i	-1.0903-0.0770i
57.5	21.2343+11.2139i	-3.8987+49.4305i	55.1836-100.2537i	-2.8366+4.4043i	2.7999-2.8785i	-0.3752+1.1660i	-1.8380+7.3713i	-1.0752-0.0545i
57.6	26.7947+10.8768i	-0.9109+49.2543i	52.2217-102.7331i	-2.7762+4.6136i	2.6197-2.9418i	-0.3566+1.1243i	-1.4490+7.5303i	-1.0406+0.0294i
57.7	29.0181+9.7918i	1.7934+49.7989i	50.0236-104.5904i	-2.5917+4.6429i	2.4750-2.9747i	-0.3339+1.1385i	-1.1945+7.6385i	-1.0224+0.0690i
57.8	32.3521+16.5871i	5.9642+52.4458i	44.2812-104.6729i	-2.5907+4.6727i	2.2334-3.0413i	-0.2462+1.2216i	-0.7500+7.9098i	-1.0271+0.1022i
57.9	30.9965+8.0693i	4.0786+51.8643i	42.6459-111.0962i	-2.6026+4.8239i	2.2214-3.0926i	-0.3397+1.2040i	-0.7576+7.9658i	-0.9642+0.0657i
58.0	32.3493+2.8901i	6.9460+49.6513i	36.8463-111.5060i	-2.3384+4.8829i	1.9792-3.1026i	-0.3125+1.1766i	-0.2656+7.8971i	-0.8970+0.1157i
58.1	33.6138+3.1162i	10.2045+48.1616i	30.5772-111.4862i	-2.1184+5.1487i	1.7171-3.0929i	-0.2664+1.1798i	0.2543+7.9161i	-0.8785+0.1412i
58.2	37.1470+2.4675i	11.6450+47.4505i	28.5414-111.5602i	-2.0942+5.2000i	1.5908-3.0318i	-0.2606+1.1486i	0.5057+7.8329i	-0.8626+0.2150i
58.3	34.9081-1.5772i	11.0448+47.2317i	26.0031-114.5968i	-1.7452+5.3992i	1.5210-3.0259i	-0.3417+1.1805i	0.6024+7.7798i	-0.7448+0.2195i
58.4	34.0791-4.1408i	12.8149+47.1397i	22.6234-116.6934i	-1.3372+5.5407i	1.4155-3.0402i	-0.3718+1.2223i	0.7704+7.7660i	-0.6623+0.1902i
58.5	34.0802-9.2911i	14.7582+45.8094i	18.1703-118.9956i	-1.2523+5.7466i	1.2505-3.0270i	-0.3471+1.2981i	1.0521+7.7363i	-0.5744+0.1410i
58.6	32.1328-11.0833i	16.5725+44.4912i	13.6182-122.0866i	-1.0225+5.6442i	1.1509-3.0848i	-0.3089+1.3489i	1.1990+7.8792i	-0.5660+0.1011i
58.7	34.6812-4.1765i	22.2183+46.1208i	7.1604-116.7003i	-0.4947+5.5368i	0.9170-2.9712i	-0.2062+1.3630i	1.6369+7.7838i	-0.5660+0.0957i
58.8	31.4887-6.2704i	20.1750+43.6634i	3.5578-113.0107i	-0.3410+5.5578i	0.8022-2.8004i	-0.2329+1.3262i	1.8266+7.3858i	-0.5005+0.0178i
58.9	29.5724-8.0124i	20.4774+41.7850i	-0.7395-112.7450i	-0.0964+5.6056i	0.6906-2.7498i	-0.2471+1.3462i	2.0217+7.2764i	-0.4674-0.0391i
59.0	28.5896-8.8815i	23.9924+40.4265i	-5.2347-113.3153i	0.5866+5.5519i	0.5642-2.7265i	-0.2456+1.4070i	2.1992+7.2296i	-0.4493-0.1106i
59.1	26.6392-7.5404i	24.8969+39.5553i	-8.7110-110.2601i	0.9629+5.4230i	0.4589-2.6145i	-0.2065+1.4312i	2.2830+7.0223i	-0.4619-0.1830i
59.2	25.9987-8.6622i	25.2457+35.0789i	-13.1561-107.3038i	1.0376+5.1933i	0.3044-2.4928i	-0.1744+1.4399i	2.5512+6.8199i	-0.4419-0.2389i
59.3	28.5440-11.4432i	27.7540+29.2002i	-14.6397-106.1505i	1.5296+4.6127i	0.2232-2.3882i	-0.1912+1.4564i	2.6499+6.6451i	-0.4229-0.3026i
59.4	28.5793-8.3068i	30.2595+28.0764i	-14.6842-104.2947i	2.1613+4.2191i	0.1925-2.3054i	-0.1928+1.5053i	2.5402+6.6262i	-0.4576-0.3497i
59.5	27.4813-11.2897i	30.1389+22.5912i	-17.6190-104.5984i	2.4220+3.3780i	0.1259-2.2355i	-0.1902+1.5638i	2.5767+6.5566i	-0.4882-0.4430i
59.6	25.3925-12.7828i	27.0118+17.4601i	-23.2707-102.6847i	2.2145+2.8743i	0.0175-2.1458i	-0.1497+1.6154i	2.8254+6.4770i	-0.5281-0.4864i
59.7	22.6814-10.6458i	23.9431+14.7991i	-27.2506-99.3677i	2.0553+2.4233i	-0.0688-2.0226i	-0.0896+1.6740i	2.9256+6.4170i	-0.5941-0.5363i
59.8	20.9172-10.0997i	21.3154+11.6979i	-30.8488-99.7114i	1.7220+1.5104i	-0.0999-1.9710i	-0.0433+1.7999i	2.9748+6.5528i	-0.7134-0.5979i
59.9	22.8507-9.8678i	20.1517+10.1840i	-30.3627-98.3533i	2.8069+1.1365i	-0.0959-1.8800i	-0.0006+1.8095i	3.0456+6.4995i	-0.7462-0.6187i
60.0	22.8812-9.6785i	16.9780+10.1309i	-31.0741-95.3035i	2.5429+1.4035i	-0.0949-1.7871i	0.0477+1.8140i	3.0767+6.3674i	-0.8209-0.6212i
60.1	21.1429-8.2019i	13.2428+9.0090i	-35.2156-92.1184i	1.1910+0.8538i	-0.1495-1.6884i	0.1289+1.8505i	3.2641+6.2431i	-0.9163-0.6227i
60.2	21.6605-6.2893i	10.0383+8.1078i	-38.8967-86.8095i	0.4866+0.8032i	-0.2078-1.5595i	0.2359+1.8743i	3.5243+6.0953i	-1.0182-0.6171i
60.3	23.1652-6.0569i	8.4778+8.5653i	-38.3006-86.7018i	0.0893+0.6866i	-0.1798-1.5114i	0.2873+1.8616i	3.5159+6.0728i	-1.0957-0.6053i
60.4	23.1607-4.8272i	6.6290+7.9096i	-41.8956-81.7242i	-0.1767+0.6789i	-0.2354-1.4054i	0.3975+1.8412i	3.8009+5.8651i	-1.1806-0.5213i
60.5	22.1839-4.5183i	4.6189+8.5523i	-43.6540-81.0114i	-0.3185+0.6293i	-0.2531-1.3612i	0.4413+1.8612i	3.8164+5.8539i	-1.2779-0.4683i
60.6	23.9158-3.8194i	3.5486+9.3249i	-42.1308-79.6732i	-0.4543+0.5599i	-0.2157-1.2971i	0.4581+1.8307i	3.7879+5.7838i	-1.3163-0.3893i
60.7	24.5542-1.9897i	2.3841+9.4794i	-43.9787-76.4714i	-0.6008+0.4559i	-0.2396-1.2068i	0.4987+1.8158i	3.9003+5.6904i	-1.3470-0.2774i
60.8	23.1542-4.2429i	0.1996+9.0042i	-44.3660-75.0454i	-0.6295+0.5775i	-0.2389-1.1404i	0.4805+1.8171i	3.8800+5.5133i	-1.2979-0.1904i
60.9	27.1803-3.9320i	-1.7318+9.3497i	-41.4764-71.0615i	-0.8593+0.5070i	-0.1837-1.0437i	0.5009+1.7891i	3.8668+5.3101i	-1.1910-0.1350i
61.0	26.9653-1.8852i	-4.1972+10.3176i	-42.8128-68.0487i	-0.9402+0.3343i	-0.1848-0.9750i	0.5630+1.8545i	3.8670+5.2158i	-1.1634-0.1385i
61.1	29.2810-0.6422i	-5.7308+10.4085i	-43.4998-65.3366i	-1.1505+0.3259i	-0.1818-0.8972i	0.6345+1.8877i	3.9668+5.1041i	-1.1391-0.1578i
61.2	30.6353-0.9055i	-7.9412+11.2191i	-42.8410-60.6622i	-1.3582+0.3939i	-0.1596-0.8118i	0.7375+1.8710i	3.9842+4.8843i	-1.1572-0.1422i
61.3	32.2278-1.6820i	-10.1111+12.1677i	-39.9301-58.8540i	-1.4769+0.4115i	-0.1046-0.7545i	0.7798+1.8327i	3.8704+4.7283i	-1.1729-0.1289i
61.4	33.1703-0.3349i	-12.3015+13.7676i	-41.0101-56.6410i	-1.6080+0.3259i	-0.1019-0.6977i	0.8776+1.8777i	3.8752+4.6828i	-1.2329-0.1249i
61.5	34.5399-0.2224i	-12.6739+16.0863i	-40.3609-56.1004i	-1.8076+0.2683i	-0.0842-0.6764i	0.9397+1.8797i	3.8326+4.7184i	-1.2432-0.1057i
61.6	36.8705-3.2857i	-13.9392+17.7499i	-36.8575-57.7610i	-1.9344+0.3628i	-0.0217-0.6639i	0.9235+1.8440i	3.6966+4.6975i	-1.2205-0.1178i
61.7	37.7797-4.3971i	-15.8280+18.1423i	-37.7852-55.0395i	-1.9865+0.3962i	-0.0194-0.6125i	0.9892+1.8597i	3.7343+4.5586i	-1.2527-0.1082i
61.8	37.0628-6.0755i	-17.2046+18.3584i	-38.9728-53.2610i	-1.9637+0.4099i	-0.0134-0.5707i	1.0166+1.8582i	3.7325+4.4315i	-1.2682-0.1035i
61.9	37.7589-6.7362i	-17.9762+21.1320i	-38.0886-52.7166i	-2.0988+0.3215i	0.0181-0.5499i	1.0923+1.8454i	3.6771+4.4705i	-1.2994-0.0382i
62.0	36.9291-7.9519i	-19.3367+24.5581i	-37.5742-53.5159i	-2.1747+0.2625i	0.0438-0.5361i	1.1604+1.8704i	3.5451+4.5650i	-1.3407+0.0049i
62.1	36.4971-10.0178i	-21.1296+25.6632i	-35.6467-50.3389i	-2.2053+0.2814i	0.0673-0.4779i	1.1965+1.8033i	3.4657+4.3779i	-1.3371+0.0444i
62.2	36.4056-12.6226i	-20.5405+26.5443i	-35.2163-51.4193i	-2.2796+0.3384i	0.0899-0.4713i	1.1794+1.8224i	3.4470+4.3486i	-1.3254+0.0092i
62.3	34.7985-12.5728i	-20.9058+29.5768i	-36.5111-52.5182i	-2.3695+0.2444i	0.0967-0.4660i	1.2378+1.8793i	3.4314+4.4955i	-1.3589+0.0441i

62.4	35.2579-11.3868i	-20.4952+33.3268i	-35.1341-49.7888i	-2.5545+0.2039i	0.1083-0.4232i	1.3418+1.7942i	3.3733+4.5364i	-1.3284+0.1440i
62.5	33.6456-10.7768i	-18.9297+36.9716i	-37.4642-47.0611i	-2.7388+0.1241i	0.0984-0.3794i	1.5106+1.7706i	3.4585+4.6250i	-1.3103+0.2561i
62.6	32.5119-10.9857i	-17.3186+38.3868i	-38.7539-49.3115i	-2.8212+0.0553i	0.0990-0.3931i	1.5492+1.8006i	3.4782+4.7729i	-1.3191+0.2365i
62.7	30.8498-9.3208i	-17.2860+42.7611i	-37.4550-49.0975i	-2.9021-0.0567i	0.1253-0.3651i	1.6096+1.8038i	3.3856+4.9093i	-1.2768+0.2773i
62.8	31.7806-7.3041i	-14.8429+46.3174i	-37.3898-47.2198i	-3.1073-0.0694i	0.1353-0.3295i	1.7336+1.7755i	3.4920+5.0180i	-1.2245+0.3251i
62.9	32.8800-5.0782i	-12.4726+48.3015i	-37.6898-44.6348i	-3.3150-0.0732i	0.1478-0.2831i	1.8465+1.7391i	3.6180+5.1153i	-1.1961+0.3423i
63.0	33.1022-4.3815i	-8.7550+49.6601i	-36.3805-41.9958i	-3.5636-0.0376i	0.1738-0.2372i	1.9548+1.5899i	3.7541+5.1288i	-1.1413+0.3878i
63.1	32.7471-4.1803i	-6.7546+50.7948i	-36.3715-43.6366i	-3.6769+0.0148i	0.1789-0.2283i	1.9889+1.5713i	3.7810+5.1954i	-1.1394+0.3788i
63.2	33.2752-2.4356i	-4.3994+51.3789i	-37.1280-42.1316i	-3.8113-0.0593i	0.1842-0.1931i	2.0643+1.5217i	3.8965+5.2621i	-1.1061+0.3869i
63.3	34.0733-1.7823i	-2.8570+51.5059i	-36.4582-40.0615i	-3.8976-0.0839i	0.2054-0.1610i	2.1187+1.4359i	3.9540+5.2149i	-1.0872+0.4041i
63.4	36.5141-0.7983i	1.3739+51.9757i	-35.6020-39.8649i	-4.2059-0.0285i	0.2315-0.1409i	2.1845+1.3379i	4.1333+5.2789i	-1.0484+0.3871i
63.5	37.3408-0.1477i	4.0501+51.3586i	-37.0189-39.1286i	-4.3733+0.0347i	0.2395-0.1188i	2.2678+1.2720i	4.2937+5.2918i	-1.0284+0.3916i
63.6	37.8843+1.1966i	5.4966+50.6082i	-39.4584-36.7369i	-4.5498+0.0020i	0.2459-0.0916i	2.3527+1.2431i	4.4395+5.2721i	-1.0387+0.4224i
63.7	40.6888+0.2668i	7.0257+49.2622i	-35.9801-37.4027i	-4.7569+0.1728i	0.2921-0.0780i	2.3273+1.1462i	4.5214+5.2130i	-1.0165+0.3549i
63.8	41.9481+0.0619i	8.5263+47.4122i	-34.2354-36.0133i	-4.8927+0.2187i	0.3148-0.0608i	2.3275+1.0446i	4.6207+5.1020i	-0.9947+0.3352i
63.9	43.3491+0.5842i	10.7155+46.8899i	-35.4815-37.5156i	-5.0116+0.2330i	0.3287-0.0562i	2.3590+1.0424i	4.7218+5.1707i	-1.0607+0.3125i
64.0	45.1406+1.1700i	11.8735+45.7116i	-34.7832-35.2667i	-5.1919+0.2958i	0.3578-0.0246i	2.4025+0.9432i	4.8127+5.1269i	-1.0434+0.3007i
64.1	46.3450+0.7088i	13.7742+43.1779i	-36.7731-32.8241i	-5.2999+0.4868i	0.3701-0.0031i	2.4869+0.7995i	5.0428+4.9957i	-1.0598+0.3468i
64.2	47.7946-0.3511i	13.5996+41.3445i	-35.1548-31.6070i	-5.4325+0.5931i	0.3995+0.0125i	2.5044+0.7069i	5.1343+4.8761i	-1.0620+0.3717i
64.3	49.2661+0.2698i	14.9987+40.4283i	-35.1344-31.1366i	-5.5806+0.6864i	0.4245+0.0397i	2.5825+0.6392i	5.2691+4.9034i	-1.0932+0.3735i
64.4	50.8204+0.0831i	15.2651+39.8823i	-34.7356-31.0733i	-5.7257+0.7527i	0.4405+0.0458i	2.5956+0.5940i	5.2772+4.9088i	-1.1178+0.3983i
64.5	52.6980-0.9660i	15.3788+38.1360i	-32.9239-30.6470i	-5.8662+0.8846i	0.4605+0.0486i	2.5835+0.4976i	5.3662+4.7648i	-1.1035+0.4367i
64.6	53.9881-1.9606i	15.2704+36.0215i	-31.5087-30.4457i	-5.9102+1.0179i	0.4847+0.0551i	2.5491+0.3969i	5.4089+4.6234i	-1.0916+0.4409i
64.7	54.5433-1.5914i	15.7769+35.2570i	-33.0040-28.5708i	-6.0232+1.0233i	0.4919+0.0775i	2.6161+0.3320i	5.4829+4.6291i	-1.0918+0.4983i
64.8	56.6321-1.6531i	15.5852+34.6428i	-32.9424-27.5491i	-6.2213+1.1663i	0.5161+0.0961i	2.6438+0.2692i	5.6146+4.6246i	-1.0828+0.5242i
64.9	59.2917-2.2695i	14.6211+33.6355i	-30.3898-26.1784i	-6.4365+1.2700i	0.5393+0.1175i	2.6703+0.1832i	5.6677+4.5543i	-1.0514+0.5282i
65.0	60.9396-3.5116i	13.6092+33.1514i	-27.9223-27.0140i	-6.5651+1.3744i	0.5632+0.1135i	2.6271+0.0976i	5.6553+4.4719i	-1.0319+0.5390i
65.1	61.3076-3.2988i	14.2507+32.6756i	-29.1916-27.3384i	-6.5645+1.3999i	0.5748+0.1270i	2.6248+0.0702i	5.7295+4.4849i	-1.0237+0.5412i
65.2	61.7339-3.4286i	14.1066+32.1051i	-30.3263-25.7994i	-6.5436+1.4453i	0.5901+0.1597i	2.6658+0.0086i	5.8186+4.4875i	-0.9871+0.5564i
65.3	63.1011-4.9780i	12.4157+30.9525i	-28.0487-24.2357i	-6.6640+1.7231i	0.6157+0.1683i	2.6512-0.1369i	5.8743+4.3212i	-0.9327+0.5663i
65.4	64.5058-5.8589i	12.0537+30.3650i	-27.1596-23.3430i	-6.7832+1.8181i	0.6420+0.1821i	2.6470-0.2344i	5.9516+4.2072i	-0.8903+0.5428i
65.5	66.4407-6.2171i	11.7317+29.8513i	-26.6777-22.0467i	-7.0002+1.9125i	0.6645+0.1954i	2.6788-0.2925i	6.0681+4.1835i	-0.8810+0.5056i
65.6	68.4515-6.8233i	10.8117+29.7914i	-25.5996-22.0173i	-7.1230+2.0100i	0.6883+0.2138i	2.7118-0.3696i	6.1335+4.1484i	-0.9024+0.4604i
65.7	68.0419-7.3361i	10.8002+29.6212i	-26.7894-22.6399i	-7.0410+2.0044i	0.6843+0.2184i	2.6490-0.3650i	6.1102+4.0756i	-0.9170+0.4464i
65.8	69.0365-8.4596i	10.2309+29.8711i	-26.3559-22.9891i	-7.0798+2.1697i	0.7070+0.2289i	2.6405-0.4550i	6.1148+4.0420i	-0.9429+0.4313i
65.9	70.6236-8.7508i	9.3903+30.1302i	-25.4536-22.7816i	-7.1938+2.2328i	0.7355+0.2480i	2.6116-0.5076i	6.1382+4.0149i	-0.9755+0.4045i
66.0	71.9730-9.2969i	7.8478+29.8869i	-23.4032-21.9511i	-7.3073+2.3115i	0.7755+0.2617i	2.6161-0.6366i	6.1716+3.9189i	-1.0009+0.4114i
66.1	73.0105-10.8192i	8.3811+30.2210i	-23.5897-22.3346i	-7.3593+2.5051i	0.8116+0.2635i	2.6136-0.7200i	6.2822+3.8526i	-1.0420+0.4216i
66.2	75.1035-11.1118i	8.8420+30.3741i	-25.3104-21.8391i	-7.5018+2.4902i	0.8332+0.2820i	2.6647-0.7409i	6.4227+3.8877i	-1.0929+0.4269i
66.3	77.2535-11.7388i	6.7076+29.2838i	-21.5931-18.7569i	-7.6036+2.5333i	0.8633+0.2884i	2.6338-0.8463i	6.4369+3.6645i	-1.0814+0.4151i
66.4	77.9230-14.1896i	6.6168+29.9131i	-21.4005-18.6309i	-7.6444+2.7836i	0.8915+0.2802i	2.5875-1.0306i	6.4933+3.5137i	-1.0876+0.4574i
66.5	79.4394-14.8274i	6.4073+30.5551i	-21.0765-19.2196i	-7.8269+2.9001i	0.9194+0.2958i	2.5790-1.1334i	6.5490+3.5560i	-1.1288+0.4712i
66.6	82.5463-16.3160i	4.8834+31.0091i	-18.5996-18.1061i	-8.1096+3.0540i	0.9679+0.3100i	2.5675-1.2867i	6.6589+3.4628i	-1.1838+0.4919i
66.7	83.1220-16.6512i	4.9774+30.7634i	-19.8362-16.9314i	-8.1022+3.0948i	0.9839+0.3195i	2.5523-1.3161i	6.7184+3.4013i	-1.1973+0.5227i
66.8	83.3967-18.7639i	6.7245+31.7562i	-20.5963-19.6151i	-8.0550+3.2776i	1.0089+0.3130i	2.4430-1.3490i	6.7736+3.4082i	-1.2173+0.5795i
66.9	86.0513-20.8229i	5.3173+32.7472i	-18.2113-18.4471i	-8.2576+3.5157i	1.0535+0.3101i	2.3947-1.5059i	6.8086+3.2693i	-1.2567+0.6271i
67.0	89.3912-19.9188i	3.7173+33.4266i	-15.7465-17.6420i	-8.5834+3.5119i	1.0898+0.3349i	2.4015-1.5957i	6.8578+3.3301i	-1.2876+0.6496i
67.1	91.3482-22.4212i	2.7238+35.2244i	-12.6736-17.9364i	-8.6913+3.7994i	1.1178+0.3347i	2.3551-1.7209i	6.8161+3.2374i	-1.3016+0.7113i
67.2	94.0491-24.5800i	2.0479+36.7375i	-9.6944-18.4141i	-8.8622+3.9432i	1.1683+0.3388i	2.2947-1.8475i	6.8876+3.1856i	-1.3291+0.7657i
67.3	95.3113-26.2005i	2.9851+36.2049i	-12.2012-17.6901i	-8.9956+4.0990i	1.2162+0.3394i	2.2829-1.9054i	7.0785+3.1462i	-1.3488+0.8482i
67.4	97.4491-26.9433i	1.4791+35.9661i	-10.4413-16.9406i	-9.1371+4.1754i	1.2272+0.3289i	2.2158-1.9357i	7.0805+3.0251i	-1.3179+0.8938i
67.5	97.7948-29.3755i	2.9322+37.1178i	-10.6481-17.2187i	-9.1149+4.5102i	1.2555+0.3238i	2.1531-2.0930i	7.1347+2.9743i	-1.2996+0.9865i
67.6	101.1296-29.9025i	2.7177+38.4590i	-9.4485-14.9914i	-9.3462+4.6365i	1.3089+0.3633i	2.2265-2.2957i	7.2573+3.0748i	-1.3193+1.0901i
67.7	104.3525-33.2331i	2.0255+41.4495i	-5.7121-17.1068i	-9.5322+4.9741i	1.3561+0.3476i	2.0743-2.4597i	7.3185+2.9976i	-1.2711+1.1585i
67.8	105.9157-35.9674i	2.9008+42.6461i	-4.9907-18.0081i	-9.6504+5.3281i	1.4124+0.3333i	1.9549-2.5930i	7.4801+2.8908i	-1.2119+1.2326i
67.9	110.1648-40.0344i	2.7684+45.2674i	-1.4421-19.3622i	-9.9377+5.7629i	1.4896+0.3217i	1.8070-2.8383i	7.6598+2.8246i	-1.1493+1.3372i
68.0	110.9448-41.1702i	2.1520+44.6387i	-2.7319-17.6288i	-9.9153+5.6546i	1.4962+0.3358i	1.7800-2.8194i	7.6024+2.7176i	-1.1307+1.3133i
68.1	112.3252-42.7042i	3.2523+45.6745i	-3.9342-17.9053i	-10.0288+5.8176i	1.5248+0.3301i	1.7129-2.8816i	7.7019+2.7041i	-1.1021+1.3578i
68.2	109.9947-43.6891i	3.6606+45.6578i	-5.5607-19.0907i	-9.7552+5.9571i	1.5055+0.2946i	1.5646-2.7879i	7.5908+2.5491i	-1.0276+1.3372i
68.3	114.3761-48.0077i	3.2316+48.7353i	2.3534-18.8472i	-10.0628+6.5248i	1.6185+0.2788i	1.2893-3.1807i	7.7934+2.4194i	-0.9136+1.4611i
68.4	117.1976-53.6941i	5.1990+51.4170i	6.5615-22.4944i	-10.1499+7.0769i	1.6927+0.2434i	0.9730-3.3687i	7.9761+2.2992i	-0.7801+1.4845i
68.5	118.7286-57.3963i	5.9303+52.7313i	6.8048-19.9805i	-10.2418+7.4193i	1.7428+0.2418i	0.9490-3.5301i	8.0555+2.1791i	-0.7561+1.5375i
68.6	118.5655-60.0691i	5.9143+52.5318i	5.1345-17.9851i	-10.1185+7.5804i	1.7454+0.2198i	0.9055-3.5342i	7.9667+1.9869i	-0.7294+1.5532i

68.7	123.7107-65.6925i	10.5121+57.0288i	6.7386-24.5199i	-10.3996+8.1431i	1.8575+0.2258i	0.5966-3.7657i	8.3681+2.1140i	-0.6405+1.6116i
68.8	121.5359-73.5055i	15.7787+59.5501i	6.3730-32.9318i	-9.9646+8.8468i	1.8859+0.1484i	0.0975-3.6839i	8.4534+1.8971i	-0.4846+1.5680i
68.9	123.9080-75.6943i	14.2246+60.2797i	12.6734-31.3058i	-10.0047+8.9472i	1.9225+0.1171i	-0.1554-3.7808i	8.4052+1.7368i	-0.4115+1.5986i
69.0	124.7153-78.6116i	17.4156+60.1199i	12.9007-29.0592i	-10.0467+9.2415i	2.0143+0.1024i	-0.4048-3.9528i	8.6448+1.6537i	-0.3199+1.6358i
69.1	126.7220-84.5880i	20.8882+61.1443i	14.1284-30.3487i	-10.0074+9.7074i	2.1125+0.0674i	-0.7445-4.0660i	8.9242+1.4848i	-0.2105+1.6471i
69.2	126.2360-89.5129i	23.2588+62.1711i	15.1847-32.3942i	-9.9228+10.1319i	2.1668+0.0084i	-1.0674-4.0358i	9.0043+1.2380i	-0.1285+1.6028i
69.3	126.6426-94.1483i	27.9042+60.7878i	15.0606-34.7200i	-9.7969+10.6315i	2.2784-0.0871i	-1.5146-3.9681i	9.3200+0.9373i	-0.0377+1.5761i
69.4	128.0641-97.5914i	30.7411+60.2588i	14.4727-36.2308i	-9.7608+10.7924i	2.3443-0.1373i	-1.7827-3.9096i	9.4926+0.7765i	0.0509+1.5572i
69.5	127.3734-102.4708i	32.6659+60.4799i	16.0370-42.8819i	-9.3758+10.8826i	2.2967-0.2266i	-2.1635-3.5873i	9.2520+0.5157i	0.1663+1.3946i
69.6	122.0198-103.4717i	35.8823+58.7357i	14.5837-48.6457i	-8.8067+10.8945i	2.2649-0.2754i	-2.4733-3.1365i	9.0107+0.4270i	0.2045+1.1538i
69.7	120.8658-110.3606i	39.6090+58.4138i	17.9754-53.1854i	-8.4476+11.4498i	2.3504-0.4202i	-3.0630-2.9948i	9.1482+0.0222i	0.3547+1.0616i
69.8	117.5834-116.5607i	45.6326+55.1063i	11.0134-58.3645i	-7.9623+11.8236i	2.3712-0.5582i	-3.3352-2.4821i	9.2315-0.3638i	0.3053+0.9112i
69.9	121.1772-121.8252i	49.6681+57.4983i	17.5178-65.6396i	-8.1636+12.3357i	2.4947-0.6407i	-3.9306-2.3680i	9.4743-0.4746i	0.3684+0.8171i
70.0	126.1933-127.0385i	51.4525+56.4513i	14.0652-64.0768i	-8.6281+12.6371i	2.5796-0.6364i	-3.9105-2.1746i	9.7221-0.4325i	0.2311+0.8011i
70.1	125.6944-132.7303i	54.0799+52.1962i	10.8099-62.3804i	-8.4012+13.1011i	2.6362-0.7597i	-3.9773-1.8828i	9.9003-0.8185i	0.1762+0.8313i
70.2	125.0168-141.1907i	59.1403+46.6257i	3.7444-65.4704i	-8.1023+13.6663i	2.6865-0.9546i	-4.1713-1.3105i	10.1458-1.3650i	0.0847+0.7905i
70.3	123.0298-144.2927i	57.7531+44.0145i	1.8901-64.7649i	-7.7376+13.7462i	2.6312-1.0340i	-4.0669-0.9310i	9.9244-1.5863i	0.0512+0.7904i
70.4	125.3608-147.5639i	59.8632+42.6085i	-2.3503-68.7607i	-7.6660+13.8514i	2.6388-1.0643i	-4.0706-0.4933i	9.9530-1.5765i	0.0141+0.7558i
70.5	122.4263-159.2563i	62.0469+37.1763i	-2.0134-76.7585i	-7.1050+14.7192i	2.6176-1.3969i	-4.4432+0.2103i	9.9671-2.4568i	0.1242+0.6917i
70.6	118.4172-164.5980i	62.5697+32.4884i	-5.0920-79.9249i	-6.6916+15.0562i	2.5252-1.6008i	-4.4655+0.7914i	9.7624-2.9908i	0.1477+0.6063i
70.7	120.3750-173.7653i	63.9713+28.9249i	-13.9885-80.2455i	-6.6551+15.3128i	2.4864-1.6878i	-4.1745+1.3345i	9.8286-3.2132i	0.0841+0.5547i
70.8	123.7574-181.9257i	67.0374+27.8326i	-14.0771-84.6177i	-6.6190+15.8146i	2.5552-1.7975i	-4.3190+1.6929i	10.0637-3.4292i	0.1228+0.5083i
70.9	117.1220-187.7740i	62.7600+24.5478i	-25.4765-73.3029i	-6.1867+15.8764i	2.3269-1.7632i	-3.4466+1.8190i	9.5279-3.6193i	-0.0235+0.5817i
71.0	115.1546-195.0366i	62.4753+20.3045i	-34.0623-72.9766i	-5.8018+16.1720i	2.2067-1.8456i	-3.0243+2.2698i	9.3651-3.9141i	-0.1333+0.5153i
71.1	107.8056-204.6624i	61.7116+15.6281i	-34.1373-70.8435i	-5.1147+16.5880i	2.1364-2.0152i	-2.8823+2.5312i	9.1663-4.5318i	-0.1007+0.4961i
71.2	101.1194-219.2462i	59.6221+13.6000i	-41.7903-66.7492i	-4.5235+17.0571i	1.9571-2.0587i	-2.2729+2.7885i	8.7844-4.8883i	-0.2031+0.4729i
71.3	97.0946-224.4040i	61.4857+11.3679i	-42.9133-72.0267i	-4.1559+17.3004i	1.8921-2.1775i	-2.2292+3.1987i	8.6327-5.1351i	-0.2368+0.3410i
71.4	85.7347-236.2041i	57.9759+7.9491i	-40.4949-64.2243i	-3.2480+17.8161i	1.7565-2.2964i	-1.9780+3.2107i	8.1970-5.7316i	-0.1832+0.3521i
71.5	81.8825-254.1480i	56.2836+5.3664i	-48.7751-58.3545i	-2.7596+18.5331i	1.6054-2.3458i	-1.4622+3.4163i	7.9646-6.1427i	-0.3140+0.3859i
71.6	69.8042-260.3413i	55.2257+2.2488i	-45.0044-60.3528i	-1.8540+18.8088i	1.4779-2.5284i	-1.3717+3.6904i	7.5066-6.6391i	-0.3117+0.3115i
71.7	55.3760-264.8971i	54.7168+0.4034i	-43.4361-59.3295i	-0.8822+18.8730i	1.3870-2.5554i	-1.1117+3.7355i	7.1116-6.8171i	-0.3503+0.2991i
71.8	37.7034-278.5871i	53.5455-1.5840i	-47.4801-52.7101i	0.2527+19.3015i	1.2342-2.5053i	-0.5409+3.7450i	6.6791-7.0111i	-0.4800+0.3711i
71.9	16.1623-282.6765i	51.7405-3.8632i	-46.7474-54.2619i	1.6158+19.1573i	1.0606-2.6209i	-0.2188+3.8738i	6.0190-7.4147i	-0.5334+0.3642i
72.0	0.3329-281.4533i	48.0676-6.2932i	-46.9883-52.4578i	2.5400+18.6876i	0.8264-2.6416i	0.1422+3.9576i	5.2993-7.5803i	-0.5808+0.3386i
72.1	-26.2135-286.0965i	46.1025-8.3788i	-50.1809-48.2266i	4.1336+18.6548i	0.5946-2.5858i	0.7541+3.8794i	4.5592-7.6831i	-0.6963+0.4411i
72.2	-50.8112-276.5646i	41.4151-11.0145i	-47.0956-43.4392i	5.4511+17.6569i	0.3911-2.5665i	1.1372+3.5954i	3.7632-7.7722i	-0.6588+0.5434i
72.3	-64.0382-277.6628i	41.0200-11.8895i	-47.7023-43.3940i	6.2307+17.4223i	0.3022-2.5007i	1.4893+3.5581i	3.4558-7.6665i	-0.7628+0.6202i
72.4	-77.2508-277.5086i	39.3633-11.1558i	-50.5456-43.7976i	6.7913+17.0429i	0.1521-2.3272i	1.9328+3.4680i	2.9862-7.2984i	-0.9083+0.7180i
72.5	-89.6351-257.8429i	35.6428-10.4996i	-49.1332-42.3162i	7.4325+15.7199i	0.0012-2.1526i	2.2095+3.1190i	2.3425-6.8235i	-0.9056+0.7804i
72.6	-100.1032-235.6803i	33.0488-9.6821i	-46.4108-39.8792i	7.9024+14.2924i	-0.0718-1.9874i	2.3356+2.6973i	1.8686-6.3413i	-0.8608+0.8646i
72.7	-109.4808-226.5613i	33.2752-9.6826i	-47.4150-39.4955i	8.2845+13.5705i	-0.0974-1.8650i	2.5159+2.4780i	1.6792-6.0234i	-0.8880+0.9786i
72.8	-113.3234-218.5424i	32.0090-9.9511i	-47.5810-42.0807i	8.2879+12.9275i	-0.1491-1.8436i	2.6105+2.3531i	1.4541-5.8539i	-0.8843+1.0193i
72.9	-121.7740-214.0539i	30.0037-10.1389i	-48.5617-40.8522i	8.5367+12.4513i	-0.2110-1.7473i	2.7794+2.1602i	1.2296-5.6524i	-0.8652+1.1179i
73.0	-126.5505-195.4334i	28.3949-10.0335i	-46.9613-39.4019i	8.4727+11.3474i	-0.1791-1.6658i	2.7463+1.8077i	1.0913-5.3318i	-0.7667+1.1931i
73.1	-126.2014-189.1730i	27.6032-10.3788i	-47.6555-39.6896i	8.4398+10.8041i	-0.1910-1.6166i	2.7822+1.6607i	1.0245-5.1373i	-0.7490+1.2710i
73.2	-130.4644-183.5478i	25.7425-9.7570i	-49.8227-39.7690i	8.5844+10.2797i	-0.3089-1.4590i	2.9612+1.4868i	0.7123-4.7782i	-0.7385+1.3683i
73.3	-130.9867-173.8733i	25.5665-9.1286i	-50.4377-38.4099i	8.4018+9.7398i	-0.2388-1.3228i	3.0081+1.2297i	0.7702-4.4117i	-0.6877+1.4632i
73.4	-134.7284-156.0662i	24.0432-9.0719i	-49.8594-34.8278i	8.3207+8.6923i	-0.1985-1.2172i	2.9766+0.8547i	0.6643-4.1011i	-0.5344+1.5300i
73.5	-137.0182-150.4748i	23.4310-8.7492i	-51.2667-34.8280i	8.4313+8.2306i	-0.2162-1.1455i	3.0183+0.7260i	0.5600-3.9012i	-0.4787+1.5783i
73.6	-139.5929-152.8154i	23.8169-10.0505i	-54.3046-36.5412i	8.4956+8.3069i	-0.1801-1.1476i	3.1512+0.6561i	0.6490-3.8818i	-0.4792+1.6904i
73.7	-134.4893-145.9715i	23.7128-8.2193i	-52.3325-35.7779i	8.1749+7.9676i	-0.1452-1.0588i	3.0035+0.5151i	0.6592-3.5744i	-0.4097+1.6895i
73.8	-133.0269-129.6282i	21.7298-7.7319i	-50.3175-31.9366i	7.7948+7.1575i	-0.0705-0.9966i	2.8546+0.1860i	0.6732-3.3003i	-0.2267+1.7091i
73.9	-132.7167-118.8944i	19.5756-7.4012i	-51.2623-28.7172i	7.5341+6.5125i	-0.0879-0.9051i	2.8216-0.0469i	0.5587-3.0654i	-0.0929+1.7297i
74.0	-129.5180-120.5567i	19.9153-7.0425i	-52.6379-28.8996i	7.2346+6.3112i	-0.0349-0.7834i	2.8621-0.0526i	0.6796-2.7862i	-0.0678+1.7612i
74.1	-127.5780-112.7919i	19.7761-8.0817i	-52.4616-27.5587i	7.1296+5.9096i	0.0433-0.8010i	2.7814-0.1821i	0.7814-2.7219i	0.0612+1.7436i
74.2	-128.5578-101.7199i	18.8812-7.2306i	-53.2655-24.1327i	7.0443+5.3883i	0.0786-0.7370i	2.7033-0.4392i	0.7510-2.5292i	0.2026+1.7238i
74.3	-127.2802-95.9386i	17.3504-7.0923i	-52.3544-22.8331i	6.7543+5.0525i	0.1120-0.7418i	2.6563-0.5778i	0.7719-2.4734i	0.2913+1.6909i
74.4	-120.1689-91.2468i	16.4567-6.9987i	-51.8600-21.9346i	6.2928+4.7227i	0.0770-0.7272i	2.5311-0.6046i	0.7222-2.3543i	0.3510+1.6063i
74.5	-121.5283-86.0735i	16.5206-7.3051i	-52.8357-21.4601i	6.2343+4.4174i	0.1222-0.7101i	2.5506-0.7193i	0.7468-2.2766i	0.4090+1.5867i
74.6	-124.3818-85.4354i	16.6938-8.7900i	-53.5552-19.6938i	6.2633+4.4276i	0.2601-0.7947i	2.5628-0.8872i	0.9799-2.3812i	0.5123+1.5899i
74.7	-118.2716-81.0425i	14.9478-7.6810i	-50.8616-18.0308i	6.0372+4.1774i	0.1894-0.7846i	2.4164-0.9947i	0.8599-2.2983i	0.5756+1.5111i
74.8	-111.4778-73.4921i	14.3640-6.1950i	-49.1888-15.9884i	5.5350+3.7287i	0.2034-0.7084i	2.2547-1.0916i	0.8439-2.0951i	0.6197+1.3957i
74.9	-113.3059-72.0833i	14.7732-6.8074i	-50.9943-14.5819i	5.3719+3.6075i	0.3195-0.6908i	2.2999-1.2424i	1.0256-2.0302i	0.6761+1.3962i

75.0	-111.6853-69.6674i	13.0838-7.1622i	-51.1415-13.1031i	5.3268+3.4760i	0.3177-0.6734i	2.2781-1.3423i	0.9980-1.9681i	0.7356+1.3908i
75.1	-107.0594-63.9004i	12.1541-7.0068i	-49.2302-12.2651i	5.0171+3.2956i	0.2627-0.7098i	2.1113-1.3740i	0.8986-1.9478i	0.7801+1.2859i
75.2	-107.7232-64.1536i	12.8158-8.2112i	-49.2486-11.4891i	4.8820+3.2583i	0.3487-0.8555i	2.0536-1.4890i	1.0507-2.1263i	0.8168+1.2699i
75.3	-105.5185-63.9744i	12.3443-8.0861i	-48.2918-10.5527i	4.7191+3.2889i	0.4093-0.9003i	1.9973-1.5854i	1.1508-2.1356i	0.8456+1.2444i
75.4	-103.5451-58.8804i	10.0364-7.6154i	-46.5373-8.8601i	4.4952+2.9563i	0.3187-0.8497i	1.8305-1.6963i	0.9766-2.0335i	0.9075+1.1259i
75.5	-103.8043-52.5003i	8.9274-8.5611i	-46.5931-6.5631i	4.4432+2.7596i	0.2866-0.9029i	1.7100-1.8461i	0.8924-2.0708i	0.9502+1.0683i
75.6	-100.2586-53.0741i	9.1525-8.6851i	-45.9825-5.7952i	4.2647+2.8290i	0.3096-0.9520i	1.6011-1.8914i	0.9529-2.0909i	0.9467+1.0226i
75.7	-95.8821-50.6635i	8.0755-7.7618i	-43.0882-4.1391i	4.0505+2.6796i	0.2756-0.9652i	1.3831-1.8752i	0.8918-2.0520i	0.9418+0.9285i
75.8	-92.9019-51.5448i	8.3217-7.0506i	-42.1630-4.4854i	3.8513+2.6393i	0.3174-0.9087i	1.3195-1.8692i	0.9494-1.9325i	0.9351+0.9032i
75.9	-88.3339-49.5769i	8.5721-5.9509i	-41.2416-4.6696i	3.4688+2.5508i	0.3487-0.8842i	1.1870-1.8852i	0.9819-1.8110i	0.9388+0.8616i
76.0	-84.3456-50.3058i	6.9261-5.8713i	-40.1602-4.4804i	3.2668+2.6152i	0.2893-0.8697i	1.1273-1.8971i	0.9254-1.7450i	0.9473+0.8504i
76.1	-84.2866-47.3305i	5.8525-6.1485i	-39.4197-2.6794i	3.2156+2.4514i	0.2507-0.8896i	1.0100-1.9477i	0.8608-1.7603i	0.9733+0.8028i
76.2	-85.0278-44.1693i	4.7699-6.3342i	-39.5314-1.2210i	3.2808+2.3530i	0.1965-0.9268i	0.8600-2.0264i	0.7698-1.8021i	1.0333+0.7327i
76.3	-82.9525-43.2503i	3.9277-5.8976i	-37.2429-1.1294i	3.0871+2.2841i	0.1183-0.9413i	0.7119-1.9652i	0.6770-1.7850i	1.0429+0.6777i
76.4	-78.0131-42.9376i	3.7774-4.4742i	-34.7918-1.5440i	2.8105+2.3344i	0.1301-0.8659i	0.5901-1.8039i	0.6878-1.6210i	1.0035+0.6037i
76.5	-78.2072-42.6442i	3.5337-4.8615i	-35.0806-1.2829i	2.8274+2.3150i	0.1133-0.8977i	0.5588-1.8079i	0.7116-1.6377i	1.0298+0.5453i
76.6	-76.5672-43.1274i	2.8819-4.3492i	-33.8356-1.3728i	2.6644+2.2763i	0.0738-0.8859i	0.4947-1.7953i	0.6815-1.5902i	1.0406+0.5082i
76.7	-70.4583-41.3937i	1.8993-3.2044i	-31.3403-1.5264i	2.3504+2.2346i	0.0321-0.8132i	0.3930-1.7153i	0.6139-1.4442i	1.0045+0.4449i
76.8	-68.3060-41.1859i	2.5989-2.2533i	-31.1814-2.8130i	2.2154+2.2899i	0.0579-0.7486i	0.3489-1.6350i	0.6216-1.3371i	0.9575+0.3997i
76.9	-68.4037-40.2800i	1.2779-1.5339i	-29.4412-1.3388i	2.0910+2.0868i	-0.0046-0.7358i	0.2294-1.6311i	0.5380-1.3491i	0.9693+0.3102i
77.0	-68.1397-40.8664i	0.2484-2.4724i	-29.1343+0.0094i	2.0929+2.1533i	-0.0342-0.7897i	0.1631-1.6233i	0.5522-1.4048i	0.9932+0.2391i
77.1	-66.6714-41.0617i	-0.0339-1.9612i	-28.8545+0.1120i	2.0936+2.1823i	-0.0555-0.7391i	0.1422-1.5742i	0.5363-1.3614i	0.9664+0.1642i
77.2	-64.4787-41.5128i	-0.5949-0.9239i	-27.0830-0.7943i	1.9556+2.1787i	-0.0949-0.6653i	0.1430-1.4778i	0.4838-1.2682i	0.9335+0.1088i
77.3	-59.9231-40.0516i	-0.5481+0.9106i	-25.6606-1.7946i	1.6733+2.0556i	-0.0554-0.5555i	0.1682-1.4103i	0.4772-1.0801i	0.8536+0.0843i
77.4	-60.4000-42.5087i	-0.8348+0.0274i	-26.0333-1.8817i	1.6833+2.1085i	-0.0737-0.5825i	0.1782-1.3940i	0.5213-1.1002i	0.8282+0.0478i
77.5	-60.8392-42.8878i	-0.6563-0.0396i	-26.1505-1.2648i	1.7159+2.1084i	-0.0577-0.6076i	0.1876-1.4173i	0.5759-1.1401i	0.7978-0.0027i
77.6	-58.2291-41.6189i	-1.7352+1.1203i	-24.3062-0.5691i	1.6248+1.9595i	-0.0651-0.4902i	0.1466-1.4151i	0.5034-1.0316i	0.7188-0.0397i
77.7	-55.0763-41.7925i	-1.8424+1.9876i	-23.5576-1.5143i	1.4823+1.9425i	-0.0310-0.4117i	0.1181-1.3688i	0.5057-0.9095i	0.6490-0.0575i
77.8	-55.0315-42.3180i	-1.2538+2.7160i	-23.0424-2.5835i	1.4023+1.9566i	0.0134-0.4000i	0.0660-1.3783i	0.5291-0.8741i	0.5942-0.0667i
77.9	-55.3443-47.1319i	-1.5023+2.2456i	-23.0907-2.4990i	1.3834+2.0653i	0.0108-0.4620i	0.0525-1.4460i	0.6005-0.9512i	0.6003-0.0631i
78.0	-55.8267-49.0985i	-2.3307+2.3229i	-23.7131-2.5609i	1.4247+2.0515i	0.0123-0.3929i	0.0689-1.4499i	0.5736-0.9188i	0.5439-0.0694i
78.1	-49.1583-45.5004i	-1.4274+3.5601i	-21.5300-3.3535i	1.1397+1.8128i	0.0842-0.2574i	0.0412-1.3236i	0.5283-0.6825i	0.4333-0.0402i
78.2	-47.1318-46.1857i	-1.9330+4.6355i	-19.6970-3.6968i	1.0300+1.7314i	0.0752-0.1871i	0.0145-1.2725i	0.4581-0.5983i	0.3873-0.0480i
78.3	-47.9101-47.1415i	-1.3663+5.0894i	-19.7917-4.1414i	0.9599+1.7045i	0.1262-0.1974i	-0.0344-1.2858i	0.4928-0.5750i	0.3608-0.0367i
78.4	-47.7017-47.0939i	-2.3104+4.9324i	-19.3453-3.5937i	0.8842+1.6441i	0.0926-0.1822i	-0.0816-1.2943i	0.4474-0.5634i	0.3406-0.0221i
78.5	-45.0869-47.5682i	-2.6563+5.8037i	-18.1778-4.3111i	0.7032+1.6438i	0.1302-0.0896i	-0.0798-1.2606i	0.4171-0.4306i	0.2981-0.0063i
78.6	-46.7154-50.1228i	-2.1329+5.8919i	-18.4751-5.2416i	0.7069+1.6859i	0.1884-0.1256i	-0.1121-1.3075i	0.4814-0.4188i	0.2991+0.0357i
78.7	-40.1013-54.1780i	-1.7903+6.5524i	-18.3147-6.8326i	0.4414+1.7388i	0.2909-0.0836i	-0.0377-1.3446i	0.5876-0.2814i	0.2932+0.0793i
78.8	-36.3798-58.2135i	-1.8586+6.3079i	-18.3235-7.5566i	0.3123+1.8752i	0.3480-0.0625i	-0.0409-1.3766i	0.6770-0.2182i	0.2906+0.0867i
78.9	-36.1507-65.0988i	-1.8438+5.8413i	-19.8265-8.9479i	0.2948+2.0666i	0.4024-0.0910i	-0.0608-1.4738i	0.7952-0.1869i	0.3074+0.1293i
79.0	-39.4964-74.7278i	-2.3954+6.1625i	-21.3026-9.1422i	0.3941+2.1654i	0.4266-0.1098i	-0.2213-1.5928i	0.8726-0.2282i	0.3386+0.1233i
79.1	-47.7817-83.7060i	-2.8878+6.2366i	-23.6838-8.2719i	0.6066+2.3721i	0.4810-0.1845i	-0.4213-1.6511i	1.0026-0.3366i	0.3510+0.0885i
79.2	-62.8245-81.5960i	-3.0187+6.5760i	-25.3138-5.7123i	0.9773+2.3297i	0.4483-0.2982i	-0.6762-1.5495i	0.9912-0.5426i	0.3511+0.0706i
79.3	-71.9929-69.6298i	-3.8521+8.5146i	-23.3808-3.2627i	1.0454+1.9340i	0.3694-0.2406i	-0.7920-1.3310i	0.7439-0.5499i	0.3113+0.0348i
79.4	-71.3689-60.1291i	-4.1434+9.0268i	-21.2880-1.4722i	0.9277+1.5806i	0.3144-0.2012i	-0.7879-1.1319i	0.6046-0.5253i	0.2878+0.0156i
79.5	-69.5769-59.7726i	-4.2231+9.2283i	-20.1870-1.3451i	0.8474+1.4754i	0.3162-0.2103i	-0.7678-1.0681i	0.6218-0.5334i	0.2817+0.0401i
79.6	-68.9986-60.7580i	-3.1914+10.0783i	-20.0087-1.4526i	0.7788+1.3762i	0.4181-0.1810i	-0.7828-1.0423i	0.6806-0.4343i	0.2512+0.0815i
79.7	-70.5748-57.3495i	-2.6100+10.1561i	-19.3088-0.9040i	0.5672+1.2735i	0.4231-0.1761i	-0.7684-0.9687i	0.6160-0.3813i	0.2516+0.0952i
79.8	-70.1352-59.1090i	-1.7817+10.8729i	-18.7045-2.0163i	0.4170+1.1834i	0.5169-0.1430i	-0.7496-0.9153i	0.6525-0.2550i	0.2292+0.1136i
79.9	-69.1924-57.8147i	-3.5523+10.4029i	-17.9581-1.2506i	0.5735+1.1221i	0.4215-0.1349i	-0.7328-0.8557i	0.5429-0.3252i	0.2592+0.1122i
80.0	-67.1060-61.2099i	-2.9967+10.6957i	-17.8105-2.0432i	0.4031+1.2456i	0.4378-0.1425i	-0.7444-0.8238i	0.5913-0.2976i	0.2563+0.1224i

2.1.68 Run 6 – VT000-200 – Accels 9–16

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	1.2651+0.0000i	-5.4819+0.0000i	-4.9747+0.0000i	9.9617+0.0000i	4.9108+0.0000i	1.8080+0.0000i	-7.0592+0.0000i	12.9935+0.0000i
0.1	-1.3237+0.0448i	0.5756-0.9456i	-0.5162-0.1009i	1.0348+0.3852i	0.2967+0.2271i	0.2421+0.2201i	-1.0818+0.4553i	1.1391+0.3912i
0.2	-0.1441-0.3656i	0.5686-0.1508i	-0.1321+0.0108i	-0.0821+0.0993i	-0.2050+0.0944i	0.0875-0.0364i	0.1861+0.0848i	-0.0170-0.0983i
0.3	0.0027+0.0468i	0.1182-0.0473i	-0.0273+0.0030i	-0.0194+0.0506i	-0.0476+0.0234i	0.0151-0.0026i	0.5358+0.1284i	0.0399-0.0034i
0.4	0.0183+0.0447i	0.0123+0.0234i	-0.0132-0.0024i	0.0042+0.0194i	-0.0156+0.0254i	0.0047+0.0196i	0.1704-0.0143i	0.0183-0.0041i
0.5	-0.0238+0.0146i	0.0174-0.0009i	-0.0021-0.0069i	0.0012-0.0032i	-0.0144+0.0213i	0.0036+0.0233i	0.1050-0.1849i	-0.0037+0.0039i
0.6	-0.0045+0.0016i	0.0222+0.0048i	-0.0027+0.0002i	-0.0012-0.0006i	-0.0043+0.0088i	0.0061+0.0052i	0.1094-0.0788i	-0.0053+0.0030i
0.7	0.0006+0.0005i	0.0230+0.0099i	-0.0009-0.0003i	-0.0008+0.0010i	-0.0040+0.0067i	0.0041+0.0054i	0.0643-0.0719i	-0.0057-0.0001i
0.8	0.0060+0.0018i	0.0297+0.0133i	0.0007-0.0007i	0.0039-0.0012i	-0.0015+0.0032i	-0.0013+0.0025i	0.0276+0.0038i	-0.0065-0.0032i
0.9	0.0057+0.0033i	0.0487+0.0142i	0.0025-0.0004i	0.0021-0.0007i	-0.0022-0.0012i	0.0011+0.0014i	0.0293+0.0631i	-0.0042-0.0032i
1.0	0.0058+0.0015i	0.0508+0.0169i	0.0007+0.0002i	0.0014+0.0006i	-0.0038-0.0015i	0.0035-0.0003i	0.0151-0.0626i	-0.0047-0.0011i
1.1	0.0048+0.0015i	0.0640+0.0145i	0.0022+0.0004i	0.0020+0.0012i	-0.0035-0.0011i	0.0077-0.0002i	-0.0284-0.0220i	-0.0051+0.0009i
1.2	0.0049+0.0016i	0.0728+0.0133i	0.0026-0.0008i	0.0013-0.0012i	-0.0039+0.0003i	0.0097-0.0009i	-0.0241+0.0215i	-0.0050+0.0007i
1.3	0.0072+0.0017i	0.0885+0.0099i	0.0042-0.0003i	0.0005-0.0002i	-0.0054+0.0019i	0.0053-0.0009i	0.0971+0.0023i	-0.0075+0.0005i
1.4	0.0096-0.0010i	0.0965+0.0104i	0.0044+0.0007i	-0.0041+0.0006i	-0.0053-0.0003i	0.0053-0.0015i	0.0856-0.0088i	-0.0063-0.0015i
1.5	0.0119-0.0057i	0.1139+0.0092i	0.0054+0.0060i	-0.0084+0.0242i	-0.0070-0.0011i	0.0083-0.0056i	0.1296+0.0438i	-0.0088-0.0017i
1.6	0.0066-0.0075i	0.1275+0.0128i	0.0132+0.0084i	0.0291+0.0432i	-0.0088-0.0010i	0.0074-0.0105i	0.2064+0.0561i	-0.0098-0.0008i
1.7	0.0085-0.0003i	0.1466+0.0128i	0.0193+0.0011i	0.0400+0.0124i	-0.0085-0.0017i	0.0099-0.0041i	0.1494-0.0058i	-0.0107-0.0021i
1.8	0.0136+0.0015i	0.1723+0.0067i	0.0250-0.0029i	0.0371+0.0036i	-0.0076-0.0025i	0.0173-0.0055i	0.0503-0.0649i	-0.0094-0.0028i
1.9	0.0243-0.0011i	0.2075-0.0194i	0.0344-0.0172i	0.0520+0.0041i	-0.0088-0.0042i	0.0252-0.0208i	0.0185-0.0288i	-0.0065-0.0052i
2.0	0.0481-0.0028i	0.2240-0.0495i	0.0268-0.0425i	0.0954+0.0003i	-0.0131-0.0117i	0.0124-0.0461i	0.0575-0.1780i	-0.0124-0.0107i
2.1	0.0633-0.0579i	0.2262-0.0878i	0.0126-0.0512i	0.1233-0.0999i	-0.0191-0.0106i	-0.0047-0.0389i	0.1783-0.0663i	-0.0178-0.0138i
2.2	-0.0397-0.0816i	0.1662-0.1064i	0.0118-0.0583i	-0.0692-0.1396i	-0.0197-0.0079i	0.0183-0.0421i	-0.1458-0.1449i	-0.0215-0.0121i
2.3	-0.0636-0.0229i	0.1477-0.1006i	-0.0134-0.1097i	-0.1115-0.0321i	-0.0247-0.0187i	-0.0010-0.1042i	-0.2290-0.0061i	-0.0288-0.0201i
2.4	-0.0384-0.0068i	0.0797-0.0564i	-0.1482-0.0690i	-0.0546-0.0071i	-0.0498-0.0148i	-0.1399-0.0668i	-0.0686+0.0086i	-0.0545-0.0143i
2.5	-0.0272-0.0035i	0.1493+0.0230i	-0.0923+0.0397i	-0.0413-0.0086i	-0.0452+0.0013i	-0.0874+0.0397i	-0.0259-0.0708i	-0.0472+0.0020i
2.6	-0.0229+0.0020i	0.2203+0.0297i	-0.0186+0.0382i	-0.0369-0.0020i	-0.0376+0.0007i	-0.0150+0.0390i	-0.0192-0.1622i	-0.0389+0.0013i
2.7	-0.0188-0.0016i	0.2508+0.0132i	-0.0118+0.0138i	-0.0333-0.0034i	-0.0401-0.0010i	-0.0078+0.0150i	-0.1115+0.0015i	-0.0414-0.0003i
2.8	-0.0162-0.0026i	0.2703+0.0059i	-0.0142+0.0058i	-0.0284-0.0047i	-0.0436+0.0003i	-0.0132+0.0058i	-0.0838+0.1016i	-0.0448-0.0034i
2.9	-0.0134-0.0015i	0.2939+0.0132i	-0.0165+0.0021i	-0.0233-0.0030i	-0.0479-0.0009i	-0.0128+0.0022i	-0.1451+0.0842i	-0.0475-0.0028i
3.0	-0.0129-0.0033i	0.3205+0.0214i	-0.0181+0.0008i	-0.0213-0.0022i	-0.0523-0.0013i	-0.0119+0.0017i	-0.0754+0.0617i	-0.0523-0.0019i
3.1	-0.0125-0.0013i	0.3476+0.0258i	-0.0169+0.0024i	-0.0197-0.0060i	-0.0563-0.0003i	-0.0149+0.0008i	-0.0292-0.0648i	-0.0573-0.0004i
3.2	-0.0116-0.0009i	0.3841+0.0265i	-0.0182-0.0023i	-0.0180-0.0066i	-0.0595-0.0007i	-0.0168-0.0010i	0.0326-0.1439i	-0.0576-0.0008i
3.3	-0.0110-0.0031i	0.4233+0.0116i	-0.0248+0.0004i	-0.0183-0.0055i	-0.0647-0.0006i	-0.0182+0.0011i	0.0825-0.2275i	-0.0595-0.0036i
3.4	-0.0096-0.0085i	0.4485-0.0043i	-0.0251+0.0131i	-0.0244-0.0059i	-0.0713-0.0072i	-0.0172+0.0116i	0.1030-0.0529i	-0.0658-0.0084i
3.5	-0.0093-0.0042i	0.4462-0.0179i	-0.0110+0.0153i	-0.0263-0.0059i	-0.0803-0.0113i	-0.0078+0.0157i	-0.0308-0.1052i	-0.0733-0.0093i
3.6	-0.0062-0.0045i	0.4552-0.0040i	0.0037+0.0145i	-0.0222-0.0072i	-0.0936-0.0053i	0.0089+0.0163i	-0.2793-0.2003i	-0.0873-0.0038i
3.7	-0.0106-0.0007i	0.5579+0.0555i	-0.0161-0.0075i	-0.0225+0.0011i	-0.0839+0.0163i	-0.0123-0.0041i	-0.1120-0.0548i	-0.0870+0.0123i
3.8	-0.0099+0.0019i	0.5826+0.0295i	-0.0157-0.0017i	-0.0204+0.0025i	-0.0887+0.0055i	-0.0145-0.0011i	0.0034+0.0357i	-0.0885+0.0055i
3.9	-0.0097+0.0000i	0.6003+0.0242i	-0.0152-0.0019i	-0.0193+0.0001i	-0.0957+0.0018i	-0.0144-0.0018i	-0.0098+0.0547i	-0.0941+0.0026i
4.0	-0.0109-0.0014i	0.6210+0.0187i	-0.0155-0.0017i	-0.0210-0.0017i	-0.1023+0.0010i	-0.0137-0.0016i	-0.0103+0.0072i	-0.1012+0.0014i
4.1	-0.0110-0.0011i	0.6487+0.0183i	-0.0154-0.0011i	-0.0222-0.0001i	-0.1105+0.0008i	-0.0139-0.0017i	-0.0296-0.0122i	-0.1099+0.0008i
4.2	-0.0106+0.0010i	0.6858+0.0237i	-0.0156-0.0002i	-0.0225+0.0011i	-0.1202+0.0004i	-0.0139-0.0018i	-0.0448+0.0355i	-0.1190-0.0004i
4.3	-0.0117+0.0030i	0.7194+0.0239i	-0.0155-0.0006i	-0.0232+0.0031i	-0.1299-0.0019i	-0.0134-0.0015i	0.0053+0.0496i	-0.1290-0.0020i
4.4	-0.0122+0.0044i	0.7536+0.0210i	-0.0156-0.0012i	-0.0243+0.0069i	-0.1422-0.0047i	-0.0134-0.0022i	0.0170+0.0457i	-0.1414-0.0031i
4.5	-0.0101+0.0066i	0.7888+0.0235i	-0.0170-0.0017i	-0.0236+0.0116i	-0.1565-0.0047i	-0.0148-0.0028i	0.0158+0.0472i	-0.1540-0.0034i
4.6	-0.0090+0.0098i	0.8193+0.0288i	-0.0180-0.0010i	-0.0207+0.0161i	-0.1686-0.0036i	-0.0171-0.0037i	0.0376+0.0632i	-0.1674-0.0030i
4.7	-0.0034+0.0169i	0.8617+0.0482i	-0.0171+0.0014i	-0.0117+0.0271i	-0.1856+0.0000i	-0.0179-0.0011i	-0.0663+0.1230i	-0.1857+0.0017i
4.8	0.0095+0.0152i	0.9176+0.0549i	-0.0132-0.0005i	0.0072+0.0255i	-0.1983+0.0038i	-0.0148-0.0017i	-0.0361+0.0208i	-0.1954+0.0052i
4.9	0.0199+0.0037i	0.9671+0.0532i	-0.0110-0.0012i	0.0222+0.0023i	-0.2094+0.0055i	-0.0152-0.0012i	0.0127+0.0023i	-0.2035+0.0047i
5.0	0.0020-0.0139i	1.0393+0.0463i	-0.0127-0.0049i	-0.0092-0.0227i	-0.2296-0.0102i	-0.0140-0.0044i	-0.0220-0.0255i	-0.2215-0.0089i
5.1	-0.0013-0.0087i	1.0796+0.0387i	-0.0122-0.0056i	-0.0167-0.0160i	-0.2503-0.0138i	-0.0128-0.0046i	-0.0110-0.0177i	-0.2447-0.0134i
5.2	-0.0020-0.0072i	1.1185+0.0361i	-0.0061-0.0075i	-0.0187-0.0175i	-0.2741-0.0162i	-0.0076-0.0057i	0.0003+0.0082i	-0.2701-0.0141i
5.3	-0.0058-0.0046i	1.1578+0.0235i	-0.0087-0.0240i	-0.0183-0.0095i	-0.3115-0.0117i	-0.0117-0.0196i	0.0206+0.0742i	-0.3071-0.0099i
5.4	-0.0013-0.0019i	1.1970+0.0090i	-0.0140-0.0314i	-0.0123-0.0047i	-0.3387-0.0177i	-0.0191-0.0289i	0.0648+0.1357i	-0.3333-0.0174i
5.5	-0.0037-0.0122i	1.2064+0.0000i	-0.0263-0.0321i	-0.0163-0.0161i	-0.3888-0.0025i	-0.0278-0.0276i	-0.1276+0.0040i	-0.3840-0.0065i
5.6	-0.0251-0.0068i	1.2687+0.0892i	-0.0484-0.0094i	-0.0587+0.0047i	-0.4528+0.0570i	-0.0550-0.0127i	-0.2152+0.0361i	-0.4432+0.0541i

5.7	-0.0069+0.0158i	1.3781+0.1519i	-0.0423+0.0036i	-0.0385+0.0368i	-0.4868+0.0569i	-0.0432+0.0032i	-0.1001-0.0065i	-0.4768+0.0549i
5.8	0.0050+0.0161i	1.4594+0.1291i	-0.0337+0.0081i	-0.0159+0.0325i	-0.5245+0.0666i	-0.0340+0.0068i	0.0437+0.1162i	-0.5172+0.0664i
5.9	0.0169+0.0134i	1.5331+0.1203i	-0.0294+0.0069i	0.0032+0.0254i	-0.5702+0.0627i	-0.0319+0.0064i	0.0294+0.0822i	-0.5613+0.0631i
6.0	0.0281-0.0011i	1.5953+0.0908i	-0.0274+0.0018i	0.0223-0.0004i	-0.6404+0.0406i	-0.0327+0.0023i	0.0522+0.0378i	-0.6280+0.0396i
6.1	0.0218-0.0134i	1.6213+0.0738i	-0.0304+0.0056i	0.0056-0.0220i	-0.7509+0.0826i	-0.0349+0.0074i	0.0251-0.0681i	-0.7384+0.0803i
6.2	0.0120-0.0172i	1.6421+0.0852i	-0.0290+0.0121i	-0.0157-0.0290i	-0.8556+0.1175i	-0.0326+0.0146i	0.0092-0.0722i	-0.8416+0.1145i
6.3	0.0073-0.0152i	1.6684+0.1025i	-0.0248+0.0131i	-0.0287-0.0252i	-0.9666+0.1439i	-0.0282+0.0152i	-0.0118-0.0356i	-0.9503+0.1404i
6.4	0.0091-0.0136i	1.7111+0.1218i	-0.0175+0.0139i	-0.0327-0.0176i	-1.1082+0.2365i	-0.0217+0.0175i	-0.0107-0.0019i	-1.0899+0.2327i
6.5	0.0099-0.0123i	1.7353+0.1495i	-0.0117+0.0149i	-0.0405-0.0144i	-1.2852+0.2976i	-0.0163+0.0187i	-0.0243-0.0118i	-1.2649+0.2919i
6.6	0.0134-0.0111i	1.7327+0.1832i	-0.0063+0.0141i	-0.0468-0.0087i	-1.5286+0.3813i	-0.0116+0.0169i	-0.0137-0.0104i	-1.5050+0.3734i
6.7	0.0204-0.0103i	1.7159+0.2392i	0.0064+0.0166i	-0.0494-0.0019i	-1.8488+0.5062i	-0.0019+0.0196i	-0.0069+0.0092i	-1.8202+0.4970i
6.8	0.0316-0.0142i	1.6340+0.3356i	0.0208+0.0133i	-0.0513+0.0037i	-2.3907+0.7808i	0.0084+0.0181i	0.0138+0.0036i	-2.3515+0.7664i
6.9	0.0467-0.0257i	1.4840+0.5592i	0.0388+0.0101i	-0.0548+0.0074i	-3.1025+1.3980i	0.0224+0.0204i	-0.0032+0.0072i	-3.0513+1.3702i
7.0	0.0585-0.0548i	1.3410+1.0938i	0.0722-0.0051i	-0.0672+0.0122i	-3.8204+2.8815i	0.0518+0.0152i	-0.0187+0.0171i	-3.7616+2.8249i
7.1	0.0383-0.1104i	1.8172+2.3026i	0.1102-0.0866i	-0.0819+0.0542i	-2.9838+6.2240i	0.0992-0.0458i	-0.0230-0.0274i	-2.9518+6.1129i
7.2	-0.0216-0.1297i	3.2922+2.8766i	0.0635-0.1925i	-0.0462+0.1157i	0.6554+7.9125i	0.0768-0.1472i	-0.0463-0.0034i	0.6235+7.7869i
7.3	-0.0544-0.1151i	4.4302+2.4965i	-0.0161-0.2084i	0.0370+0.1071i	3.3973+6.8849i	0.0071-0.1734i	-0.0225+0.0056i	3.3249+6.7844i
7.4	-0.0863-0.0918i	5.2396+1.6088i	-0.0796-0.1785i	0.0682+0.0318i	5.2009+4.5980i	-0.0479-0.1519i	-0.0201-0.0352i	5.1040+4.5368i
7.5	-0.0952-0.0575i	5.2644+0.8051i	-0.1067-0.1463i	0.0360+0.0007i	5.0335+2.5415i	-0.0731-0.1315i	-0.0403-0.0550i	4.9455+2.5138i
7.6	-0.0824-0.0311i	5.0553+0.3110i	-0.1214-0.1239i	0.0144-0.0014i	4.1126+1.2648i	-0.0925-0.1180i	-0.0505-0.0398i	4.0442+1.2604i
7.7	-0.0748-0.0250i	5.0181+0.1812i	-0.1210-0.1135i	0.0099-0.0029i	3.6820+0.9329i	-0.0946-0.1102i	-0.0382-0.0141i	3.6187+0.9343i
7.8	-0.0704-0.0207i	5.0786+0.0950i	-0.1222-0.1028i	0.0031-0.0050i	3.3258+0.6586i	-0.0972-0.1006i	-0.0066+0.0033i	3.2673+0.6629i
7.9	-0.0716-0.0213i	5.2438+0.0470i	-0.1281-0.1078i	-0.0019-0.0075i	3.2551+0.5794i	-0.1047-0.1064i	-0.0325-0.0189i	3.2027+0.5856i
8.0	-0.0764-0.0166i	5.4643-0.0562i	-0.1432-0.1110i	-0.0061-0.0072i	3.2943+0.3799i	-0.1199-0.1111i	-0.0465-0.0066i	3.2427+0.3895i
8.1	-0.0764-0.0091i	5.6338-0.1958i	-0.1628-0.1027i	-0.0045-0.0064i	3.2041+0.1470i	-0.1409-0.1046i	-0.0293-0.0123i	3.1537+0.1599i
8.2	-0.0793-0.0058i	5.8551-0.3230i	-0.1746-0.0982i	-0.0059-0.0084i	3.2210-0.0080i	-0.1533-0.1015i	-0.0365+0.0113i	3.1716+0.0085i
8.3	-0.0836-0.0010i	6.1290-0.4493i	-0.1960-0.1004i	-0.0094-0.0092i	3.2969-0.1979i	-0.1740-0.1045i	-0.0690-0.0215i	3.2501-0.1772i
8.4	-0.0866+0.0062i	6.4036-0.6059i	-0.2166-0.0986i	-0.0121-0.0060i	3.3771-0.4047i	-0.1941-0.1041i	-0.0547-0.0101i	3.3303-0.3777i
8.5	-0.0900+0.0165i	6.7245-0.8599i	-0.2412-0.0849i	-0.0116-0.0038i	3.4691-0.6847i	-0.2211-0.0912i	-0.0720-0.0099i	3.4249-0.6526i
8.6	-0.0929+0.0238i	7.0145-1.0765i	-0.2560-0.0752i	-0.0075-0.0039i	3.5713-0.9236i	-0.2366-0.0835i	-0.0330+0.0041i	3.5232-0.8868i
8.7	-0.0949+0.0347i	7.5764-1.4331i	-0.2746-0.0601i	-0.0016-0.0067i	3.8464-1.3245i	-0.2533-0.0707i	-0.0362-0.0263i	3.7853-1.2793i
8.8	-0.0945+0.0474i	7.8923-2.0243i	-0.2994-0.0309i	0.0025-0.0154i	3.9469-1.8881i	-0.2798-0.0435i	-0.0576-0.0100i	3.8875-1.8315i
8.9	-0.1019+0.0670i	8.3918-2.7407i	-0.3326+0.0047i	0.0059-0.0276i	4.2005-2.6570i	-0.3139-0.0090i	-0.0432-0.0191i	4.1396-2.5828i
9.0	-0.0968+0.0998i	8.5288-3.8497i	-0.3527+0.0690i	0.0026-0.0411i	4.0281-3.8016i	-0.3336+0.0540i	-0.1284+0.0101i	3.9790-3.7058i
9.1	-0.0821+0.1157i	8.5787-4.5177i	-0.3460+0.0977i	-0.0021-0.0455i	3.7472-4.3651i	-0.3265+0.0819i	-0.0537+0.0046i	3.7063-4.2611i
9.2	-0.0718+0.1532i	8.9636-6.3585i	-0.3787+0.1656i	-0.0010-0.0667i	3.8819-6.0351i	-0.3589+0.1434i	-0.0180-0.0130i	3.8408-5.8940i
9.3	-0.0146+0.1934i	7.1615-8.6829i	-0.3324+0.2895i	-0.0280-0.0962i	1.9398-8.2430i	-0.3153+0.2594i	-0.0105-0.0068i	1.9446-8.0618i
9.4	0.0821+0.1677i	3.0863-8.5684i	-0.1627+0.3395i	-0.0840-0.0932i	-2.2306-8.1067i	-0.1563+0.3085i	-0.0328+0.0098i	-2.1351-7.9377i
9.5	0.1081+0.1100i	1.6612-6.4098i	-0.0750+0.2756i	-0.1047-0.0620i	-3.8025-6.0009i	-0.0744+0.2513i	-0.0315+0.0060i	-3.6750-5.8818i
9.6	0.1050+0.0626i	1.6375-4.5011i	-0.0423+0.2013i	-0.1053-0.0368i	-4.0526-4.1454i	-0.0430+0.1829i	-0.0360+0.0139i	-3.9252-4.0643i
9.7	0.0963+0.0272i	1.9786-2.9961i	-0.0296+0.1382i	-0.1034-0.0199i	-3.9705-2.7029i	-0.0318+0.1245i	-0.0398+0.0417i	-3.8514-2.6519i
9.8	0.0787+0.0089i	2.8213-2.2484i	-0.0511+0.0973i	-0.0970-0.0092i	-3.4367-1.9352i	-0.0516+0.0844i	-0.0463-0.0001i	-3.3272-1.8965i
9.9	0.0669-0.0036i	3.4368-1.7520i	-0.0678+0.0764i	-0.0945-0.0039i	-3.1192-1.4571i	-0.0683+0.0630i	-0.0267-0.0204i	-3.0140-1.4255i
10.0	0.0536-0.0100i	4.0493-1.4337i	-0.0829+0.0622i	-0.0942+0.0004i	-2.8245-1.1393i	-0.0837+0.0509i	-0.0137-0.0194i	-2.7230-1.1162i
10.1	0.0467-0.0188i	4.6471-1.2128i	-0.0978+0.0519i	-0.0866+0.0013i	-2.5908-0.8974i	-0.0970+0.0408i	-0.0340+0.0110i	-2.4922-0.8795i
10.2	0.0401-0.0236i	5.2091-1.1439i	-0.1140+0.0476i	-0.0865-0.0019i	-2.3776-0.7631i	-0.1121+0.0372i	-0.0546+0.0196i	-2.2802-0.7452i
10.3	0.0302-0.0296i	5.7290-1.1013i	-0.1257+0.0456i	-0.0938-0.0055i	-2.2327-0.6680i	-0.1239+0.0377i	-0.0193+0.0057i	-2.1299-0.6493i
10.4	0.0172-0.0327i	6.1618-1.0932i	-0.1328+0.0440i	-0.1032-0.0022i	-2.1577-0.5940i	-0.1292+0.0365i	-0.0245+0.0026i	-2.0445-0.5830i
10.5	0.0070-0.0283i	6.5760-1.0573i	-0.1402+0.0404i	-0.1084+0.0052i	-2.0965-0.5006i	-0.1369+0.0307i	-0.0544+0.0219i	-1.9781-0.5094i
10.6	0.0038-0.0270i	6.9493-1.0457i	-0.1462+0.0371i	-0.1063+0.0109i	-2.0251-0.4173i	-0.1429+0.0268i	-0.0476-0.0021i	-1.9176-0.4389i
10.7	0.0003-0.0283i	7.3057-0.9156i	-0.1542+0.0307i	-0.1046+0.0131i	-1.9698-0.3538i	-0.1499+0.0206i	-0.0973+0.0433i	-1.8684-0.3743i
10.8	-0.0072-0.0278i	7.8701-0.9110i	-0.1676+0.0264i	-0.1075+0.0132i	-1.9028-0.2983i	-0.1631+0.0180i	-0.0449+0.0933i	-1.7995-0.3211i
10.9	-0.0129-0.0271i	8.4664-0.8384i	-0.1790+0.0238i	-0.1136+0.0136i	-1.8607-0.2517i	-0.1751+0.0148i	-0.0434+0.0112i	-1.7559-0.2770i
11.0	-0.0179-0.0265i	9.0153-0.7937i	-0.1916+0.0210i	-0.1187+0.0155i	-1.8334-0.2223i	-0.1862+0.0113i	-0.0724+0.0394i	-1.7291-0.2490i
11.1	-0.0227-0.0259i	9.5661-0.7888i	-0.2033+0.0209i	-0.1218+0.0178i	-1.8194-0.1983i	-0.1978+0.0116i	-0.0928+0.0422i	-1.7143-0.2268i
11.2	-0.0273-0.0234i	10.1668-0.8037i	-0.2160+0.0215i	-0.1271+0.0204i	-1.8197-0.1746i	-0.2107+0.0114i	-0.0964+0.0425i	-1.7132-0.2040i
11.3	-0.0316-0.0216i	10.8039-0.8227i	-0.2294+0.0214i	-0.1336+0.0220i	-1.8197-0.1564i	-0.2257+0.0105i	-0.0933+0.0179i	-1.7106-0.1839i
11.4	-0.0372-0.0170i	11.6200-0.8716i	-0.2455+0.0226i	-0.1392+0.0242i	-1.8284-0.1273i	-0.2403+0.0108i	-0.0959+0.0044i	-1.7186-0.1611i
11.5	-0.0420-0.0156i	12.2529-0.9078i	-0.2567+0.0212i	-0.1456+0.0270i	-1.8441-0.1105i	-0.2516+0.0091i	-0.0925+0.0237i	-1.7287-0.1459i
11.6	-0.0469-0.0147i	13.0409-0.9371i	-0.2731+0.0188i	-0.1516+0.0278i	-1.8704-0.0954i	-0.2666+0.0078i	-0.0961+0.0664i	-1.7482-0.1315i
11.7	-0.0540-0.0158i	14.0097-0.9284i	-0.2933+0.0167i	-0.1631+0.0243i	-1.9115-0.0732i	-0.2848+0.0071i	-0.1182+0.0513i	-1.7795-0.1097i
11.8	-0.0566-0.0136i	14.9256-1.1139i	-0.3109+0.0197i	-0.1781+0.0287i	-1.9510-0.0567i	-0.3011+0.0107i	-0.1436+0.0404i	-1.8082-0.0998i
11.9	-0.0616-0.0129i	15.9381-1.3071i	-0.3316+0.0242i	-0.1922+0.0296i	-1.9974-0.0302i	-0.3194+0.0148i	-0.1400+0.0300i	-1.8463-0.0761i

12.0	-0.0679-0.0098i	17.0095-1.4224i	-0.3517+0.0238i	-0.2121+0.0309i	-2.0539-0.0091i	-0.3368+0.0148i	-0.1772+0.0283i	-1.8883-0.0607i
12.1	-0.0753-0.0085i	18.4532-1.5938i	-0.3794+0.0254i	-0.2394+0.0375i	-2.1388+0.0077i	-0.3606+0.0141i	-0.1978+0.0319i	-1.9561-0.0507i
12.2	-0.0858-0.0086i	19.9098-1.7940i	-0.4054+0.0280i	-0.2665+0.0455i	-2.2349+0.0322i	-0.3831+0.0155i	-0.1742+0.0817i	-2.0283-0.0328i
12.3	-0.0959-0.0089i	21.4373-2.0636i	-0.4337+0.0301i	-0.3019+0.0539i	-2.3351+0.0541i	-0.4067+0.0170i	-0.1517-0.0280i	-2.1061-0.0175i
12.4	-0.1123-0.0097i	23.2214-2.5125i	-0.4666+0.0356i	-0.3521+0.0687i	-2.4479+0.0897i	-0.4315+0.0198i	-0.2261-0.0549i	-2.1899+0.0043i
12.5	-0.1305-0.0081i	25.0249-3.1924i	-0.4986+0.0451i	-0.4055+0.1006i	-2.5682+0.1425i	-0.4564+0.0230i	-0.3484+0.0570i	-2.2820+0.0375i
12.6	-0.1577+0.0007i	27.4409-3.8523i	-0.5388+0.0497i	-0.4753+0.1583i	-2.7322+0.2008i	-0.4866+0.0177i	-0.4335+0.1934i	-2.3970+0.0534i
12.7	-0.1903+0.0146i	30.1443-5.2038i	-0.5800+0.0664i	-0.5407+0.2703i	-2.9155+0.3005i	-0.5225+0.0118i	-0.4788+0.2609i	-2.5266+0.0844i
12.8	-0.2209+0.0297i	32.7063-6.7610i	-0.6202+0.0847i	-0.5838+0.3978i	-3.0630+0.4033i	-0.5633+0.0043i	-0.5171+0.3933i	-2.6590+0.1102i
12.9	-0.2568+0.0565i	35.5637-8.7320i	-0.6641+0.1018i	-0.5690+0.5569i	-3.2430+0.5285i	-0.6218-0.0068i	-0.5084+0.5759i	-2.8356+0.1434i
13.0	-0.3062+0.0862i	38.6140-11.1555i	-0.7121+0.1232i	-0.5076+0.7051i	-3.4476+0.6694i	-0.6946-0.0101i	-0.4298+0.7327i	-3.0379+0.2042i
13.1	-0.3727+0.1368i	42.3448-13.8655i	-0.7697+0.1340i	-0.4248+0.8258i	-3.6982+0.8122i	-0.7850-0.0124i	-0.3443+0.8193i	-3.2769+0.2596i
13.2	-0.4830+0.2206i	48.0847-17.4323i	-0.8534+0.1345i	-0.3565+0.9472i	-4.0626+0.9970i	-0.9116-0.0167i	-0.2298+0.9040i	-3.5988+0.3139i
13.3	-0.5689+0.3573i	52.9892-22.9664i	-0.9431+0.1559i	-0.2953+1.0746i	-4.3605+1.2706i	-1.0342+0.0088i	-0.1833+0.9964i	-3.8918+0.4169i
13.4	-0.6193+0.6423i	57.1901-33.6884i	-1.0673+0.2219i	-0.1555+1.2729i	-4.6781+1.7908i	-1.1986+0.0950i	0.0046+1.1549i	-4.2786+0.6429i
13.5	-0.5169+1.0776i	57.9264-47.9695i	-1.2196+0.2977i	0.1405+1.5348i	-4.9221+2.4312i	-1.3910+0.2141i	0.2710+1.4912i	-4.7821+0.8479i
13.6	-0.0925+1.4842i	50.7222-62.3562i	-1.3689+0.4250i	0.6492+1.6652i	-4.9077+3.0837i	-1.5588+0.4043i	0.6156+1.6275i	-5.3681+1.1889i
13.7	0.7398+1.5321i	35.5012-68.2241i	-1.5533+0.5969i	1.3467+1.4004i	-4.7981+3.4823i	-1.7079+0.6410i	1.4061+1.3513i	-6.2085+1.7615i
13.8	1.1542+1.1796i	30.8891-65.0705i	-1.7070+0.7681i	1.5929+0.9613i	-5.0715+3.6489i	-1.8263+0.8290i	1.7000+0.8603i	-6.8655+2.4494i
13.9	1.4537+0.6932i	33.0591-62.8595i	-1.9698+1.0375i	1.7245+0.4631i	-5.8440+4.1467i	-2.0556+1.0991i	1.8356+0.3795i	-7.8768+3.5724i
14.0	1.5933+0.1893i	42.1849-69.9872i	-2.3336+1.5552i	1.7379-0.0214i	-7.0731+5.5536i	-2.3982+1.6173i	1.8896-0.0218i	-9.1673+5.5904i
14.1	1.5438-0.2062i	45.4251-86.8623i	-2.4242+2.2752i	1.6315-0.3752i	-7.4782+7.7082i	-2.4835+2.3325i	1.9343-0.3829i	-9.4653+8.2313i
14.2	1.2466-0.8504i	28.3629-127.4288i	-1.8456+3.8412i	1.2745-0.9190i	-5.7658+12.4457i	-1.8956+3.8980i	1.4593-1.3689i	-7.3377+13.8216i
14.3	0.7058-1.1081i	-16.5604-143.6807i	-0.3122+4.5401i	0.7334-1.1093i	-0.9582+14.6995i	-0.3481+4.6012i	0.6776-1.5654i	-1.7905+16.3611i
14.4	0.0664-0.9446i	-69.5041-119.2019i	1.5797+3.8817i	0.1350-0.9301i	4.9646+12.6853i	1.5582+3.9417i	-0.1965-1.2433i	5.0081+14.0686i
14.5	-0.1216-0.6646i	-82.1420-86.6457i	2.1090+2.8487i	-0.0409-0.6733i	6.5953+9.4931i	2.0944+2.9033i	-0.2664-0.8780i	6.9047+10.4559i
14.6	-0.1495-0.4521i	-79.6148-61.9247i	2.1077+2.0410i	-0.0825-0.4639i	6.5966+6.9716i	2.0999+2.0882i	-0.3784-0.6598i	6.9286+7.6154i
14.7	-0.1397-0.3364i	-75.1111-47.6869i	2.0050+1.5764i	-0.0876-0.3328i	6.3051+5.4978i	2.0031+1.6137i	-0.3373-0.4453i	6.6283+5.9816i
14.8	-0.1163-0.2342i	-68.7544-34.0347i	1.8507+1.1279i	-0.0559-0.2110i	5.8737+3.9852i	1.8475+1.1540i	-0.2659-0.2571i	6.1638+4.3343i
14.9	-0.0952-0.1880i	-64.2058-27.3803i	1.7251+0.9031i	-0.0328-0.1612i	5.5095+3.2710i	1.7199+0.9262i	-0.2188-0.1938i	5.7634+3.5363i
15.0	-0.0748-0.1498i	-58.2498-21.8717i	1.5434+0.7148i	-0.0098-0.1298i	4.9468+2.6845i	1.5375+0.7368i	-0.1788-0.1422i	5.1686+2.8699i
15.1	-0.0611-0.1234i	-53.4837-18.2821i	1.3969+0.6006i	0.0115-0.1103i	4.4661+2.3351i	1.3903+0.6218i	-0.1121-0.1398i	4.6746+2.4689i
15.2	-0.0467-0.0994i	-49.6150-14.9853i	1.2797+0.5033i	0.0256-0.0906i	4.1046+2.0194i	1.2729+0.5220i	-0.1220-0.1652i	4.2808+2.1072i
15.3	-0.0311-0.0833i	-46.0352-12.9791i	1.1722+0.4448i	0.0372-0.0842i	3.7815+1.8785i	1.1660+0.4639i	-0.1065-0.1363i	3.9364+1.9192i
15.4	-0.0153-0.0709i	-42.5980-11.0872i	1.0757+0.3921i	0.0494-0.0759i	3.4878+1.7282i	1.0675+0.4114i	-0.0914-0.0984i	3.6164+1.7409i
15.5	-0.0054-0.0632i	-40.2264-9.7584i	1.0115+0.3579i	0.0509-0.0664i	3.3079+1.5986i	1.0029+0.3748i	-0.0394-0.0449i	3.4026+1.5985i
15.6	0.0044-0.0576i	-37.7086-8.4241i	0.9423+0.3233i	0.0523-0.0591i	3.0747+1.4931i	0.9337+0.3392i	-0.0163-0.0658i	3.1606+1.4780i
15.7	0.0113-0.0581i	-36.0157-7.9576i	0.8951+0.3117i	0.0547-0.0583i	2.9861+1.4583i	0.8863+0.3275i	-0.0232-0.0668i	3.0495+1.4374i
15.8	0.0178-0.0594i	-33.9615-7.2525i	0.8358+0.2925i	0.0567-0.0538i	2.8650+1.4169i	0.8275+0.3103i	-0.0410-0.0336i	2.9001+1.3836i
15.9	0.0179-0.0593i	-32.5446-6.8065i	0.7967+0.2811i	0.0595-0.0489i	2.7313+1.3627i	0.7880+0.2988i	-0.0279-0.0379i	2.7635+1.3339i
16.0	0.0164-0.0585i	-31.0511-6.1644i	0.7497+0.2752i	0.0581-0.0431i	2.6768+1.2611i	0.7430+0.2895i	-0.0169-0.0370i	2.6852+1.2394i
16.1	0.0163-0.0542i	-29.8066-5.7251i	0.7109+0.2768i	0.0597-0.0435i	2.5622+1.2811i	0.7053+0.2923i	-0.0159-0.0472i	2.5746+1.2359i
16.2	0.0177-0.0529i	-28.6483-5.4912i	0.6863+0.2901i	0.0553-0.0520i	2.4821+1.3221i	0.6808+0.3090i	-0.0322-0.0805i	2.4898+1.2536i
16.3	0.0201-0.0500i	-27.7609-5.2358i	0.6772+0.2961i	0.0488-0.0526i	2.4477+1.3024i	0.6740+0.3166i	-0.0082-0.0456i	2.4439+1.2354i
16.4	0.0219-0.0497i	-26.9831-4.9185i	0.6769+0.2919i	0.0419-0.0410i	2.4506+1.2729i	0.6755+0.3102i	-0.0351-0.0372i	2.4330+1.2141i
16.5	0.0197-0.0518i	-26.1440-4.4966i	0.6719+0.2786i	0.0369-0.0375i	2.4683+1.2559i	0.6709+0.2951i	-0.0503-0.0012i	2.4371+1.1921i
16.6	0.0144-0.0490i	-25.4252-4.3439i	0.6556+0.2685i	0.0336-0.0273i	2.4779+1.1320i	0.6559+0.2812i	-0.0289-0.0424i	2.4326+1.0861i
16.7	0.0159-0.0433i	-24.6944-4.1443i	0.6333+0.2639i	0.0359-0.0120i	2.4266+1.0649i	0.6344+0.2733i	-0.0225-0.0265i	2.3759+1.0190i
16.8	0.0205-0.0423i	-24.0065-3.9822i	0.6205+0.2682i	0.0363-0.0009i	2.4085+1.0922i	0.6222+0.2774i	-0.0290+0.0079i	2.3464+1.0317i
16.9	0.0201-0.0436i	-23.3136-3.7612i	0.6134+0.2646i	0.0421+0.0008i	2.4503+1.0636i	0.6161+0.2734i	-0.0334+0.0650i	2.3710+1.0011i
17.0	0.0158-0.0405i	-22.8186-3.6190i	0.6040+0.2598i	0.0462+0.0020i	2.3829+0.9690i	0.6059+0.2673i	-0.0353+0.0234i	2.3098+0.9199i
17.1	0.0128-0.0396i	-22.3827-3.4883i	0.5896+0.2713i	0.0493+0.0034i	2.3132+0.9906i	0.5905+0.2798i	-0.0367-0.0029i	2.2477+0.9370i
17.2	0.0105-0.0261i	-21.8884-3.2630i	0.5965+0.2755i	0.0517+0.0128i	2.4024+0.9825i	0.5989+0.2823i	-0.0493-0.0055i	2.3186+0.9092i
17.3	0.0186-0.0202i	-21.3214-3.1532i	0.5931+0.2745i	0.0595+0.0178i	2.3517+0.8883i	0.5922+0.2769i	0.0436-0.0009i	2.2576+0.8271i
17.4	0.0223-0.0174i	-20.8813-3.1145i	0.5935+0.2789i	0.0628+0.0153i	2.3021+0.8567i	0.5914+0.2806i	0.0949-0.0154i	2.2055+0.8030i
17.5	0.0275-0.0159i	-20.5276-3.0238i	0.6000+0.2752i	0.0699+0.0160i	2.2958+0.8425i	0.5975+0.2791i	0.0560+0.0003i	2.1939+0.7906i
17.6	0.0337-0.0146i	-20.1934-2.9077i	0.6053+0.2729i	0.0746+0.0147i	2.3083+0.8319i	0.6036+0.2778i	0.0304-0.0049i	2.1915+0.7800i
17.7	0.0401-0.0140i	-19.8268-2.8138i	0.6151+0.2704i	0.0781+0.0113i	2.3219+0.7960i	0.6129+0.2732i	0.0664-0.0166i	2.1910+0.7552i
17.8	0.0464-0.0147i	-19.4671-2.7544i	0.6232+0.2640i	0.0815+0.0106i	2.3315+0.7605i	0.6208+0.2666i	0.0700+0.0167i	2.1943+0.7284i
17.9	0.0497-0.0207i	-19.1319-2.6493i	0.6299+0.2547i	0.0846+0.0085i	2.3423+0.7316i	0.6245+0.2572i	0.0792+0.0798i	2.1988+0.7081i
18.0	0.0484-0.0225i	-18.8586-2.5244i	0.6342+0.2361i	0.0828+0.0054i	2.3427+0.6699i	0.6294+0.2396i	0.0925+0.0398i	2.1995+0.6559i
18.1	0.0521-0.0317i	-18.5770-2.4940i	0.6360+0.2144i	0.0842+0.0078i	2.3119+0.5961i	0.6285+0.2186i	0.0296+0.0025i	2.1723+0.6058i
18.2	0.0563-0.0339i	-18.3141-2.4204i	0.6350+0.1996i	0.0848+0.0057i	2.3037+0.5700i	0.6269+0.2059i	0.0421+0.0621i	2.1635+0.5851i

18.3	0.0558-0.0398i	-18.0177-2.3802i	0.6254+0.1856i	0.0862+0.0053i	2.2807+0.5231i	0.6181+0.1922i	0.0241+0.0224i	2.1460+0.5560i
18.4	0.0497-0.0428i	-17.7923-2.3251i	0.6135+0.1783i	0.0836+0.0059i	2.2064+0.5081i	0.6068+0.1841i	0.0575+0.0025i	2.0913+0.5434i
18.5	0.0455-0.0502i	-17.6445-2.2712i	0.6119+0.1777i	0.0803+0.0063i	2.2265+0.5652i	0.6053+0.1833i	-0.0032+0.0097i	2.1263+0.6004i
18.6	0.0341-0.0529i	-17.5042-2.1441i	0.6235+0.1735i	0.0770+0.0188i	2.3578+0.5746i	0.6171+0.1775i	0.0181+0.0033i	2.2653+0.5925i
18.7	0.0212-0.0435i	-17.3066-1.9221i	0.6267+0.1517i	0.0858+0.0275i	2.4486+0.4546i	0.6211+0.1553i	0.0369-0.0023i	2.3552+0.4549i
18.8	0.0266-0.0377i	-16.9517-1.8527i	0.6071+0.1346i	0.0986+0.0245i	2.3985+0.2914i	0.6036+0.1374i	0.0557+0.0035i	2.2867+0.3078i
18.9	0.0257-0.0383i	-16.7692-1.8391i	0.5961+0.1257i	0.1095+0.0219i	2.3471+0.2248i	0.5901+0.1300i	0.1281+0.0221i	2.2365+0.2491i
19.0	0.0251-0.0342i	-16.4846-1.7514i	0.5817+0.1174i	0.1145+0.0206i	2.2884+0.1618i	0.5749+0.1217i	0.0168+0.0651i	2.1808+0.1871i
19.1	0.0245-0.0247i	-16.2233-1.5993i	0.5690+0.1121i	0.1195+0.0175i	2.2429+0.1166i	0.5627+0.1148i	0.0432-0.0374i	2.1328+0.1292i
19.2	0.0266-0.0205i	-16.0203-1.5510i	0.5581+0.1115i	0.1315+0.0108i	2.2116+0.0789i	0.5500+0.1147i	0.1120-0.0139i	2.0901+0.0891i
19.3	0.0275-0.0175i	-15.8099-1.5934i	0.5502+0.1124i	0.1333+0.0083i	2.1828+0.0479i	0.5417+0.1152i	0.0895-0.0384i	2.0622+0.0614i
19.4	0.0352-0.0145i	-15.6114-1.5788i	0.5423+0.1135i	0.1420+0.0058i	2.1470+0.0392i	0.5357+0.1145i	0.1126-0.0264i	2.0171+0.0531i
19.5	0.0382-0.0162i	-15.3976-1.5281i	0.5336+0.1132i	0.1499+0.0012i	2.1212-0.0213i	0.5258+0.1129i	0.1317+0.0170i	1.9818+0.0002i
19.6	0.0428-0.0124i	-15.1940-1.5000i	0.5263+0.1140i	0.1483-0.0142i	2.0783-0.0577i	0.5168+0.1141i	0.0412-0.0064i	1.9289-0.0285i
19.7	0.0465-0.0075i	-14.9901-1.5306i	0.5212+0.1143i	0.1523-0.0334i	2.0242-0.0993i	0.5079+0.1146i	0.0996-0.0508i	1.8670-0.0549i
19.8	0.0538-0.0097i	-14.8040-1.5775i	0.5111+0.1216i	0.1556-0.0424i	1.9700-0.1202i	0.4980+0.1195i	0.1386-0.0102i	1.8130-0.0652i
19.9	0.0591-0.0136i	-14.6804-1.5896i	0.5024+0.1253i	0.1471-0.0486i	1.9324-0.1523i	0.4847+0.1272i	0.2142-0.0208i	1.7764-0.0838i
20.0	0.0632-0.0213i	-14.5087-1.5956i	0.4956+0.1332i	0.1337-0.0611i	1.8593-0.1644i	0.4756+0.1391i	0.1480-0.0489i	1.7128-0.0783i
20.1	0.0647-0.0239i	-14.4266-1.5864i	0.4921+0.1392i	0.1213-0.0630i	1.8051-0.1567i	0.4758+0.1474i	0.0796-0.0618i	1.6740-0.0634i
20.2	0.0649-0.0249i	-14.3560-1.6111i	0.4900+0.1481i	0.1168-0.0644i	1.7621-0.1370i	0.4747+0.1556i	0.0245-0.0342i	1.6436-0.0433i
20.3	0.0661-0.0264i	-14.2153-1.5961i	0.4918+0.1541i	0.1050-0.0516i	1.7263-0.1291i	0.4756+0.1612i	-0.0008-0.0051i	1.6141-0.0435i
20.4	0.0672-0.0295i	-14.0937-1.5944i	0.4920+0.1681i	0.1013-0.0297i	1.6683-0.1321i	0.4781+0.1770i	0.0933-0.0288i	1.5655-0.0594i
20.5	0.0626-0.0259i	-14.0193-1.6074i	0.4963+0.1764i	0.1267-0.0429i	1.6298-0.0995i	0.4801+0.1847i	0.1320-0.0462i	1.5191-0.0262i
20.6	0.0692-0.0300i	-13.9354-1.6008i	0.4974+0.1871i	0.1239-0.0244i	1.5814-0.0752i	0.4831+0.1943i	0.0925-0.0552i	1.4727-0.0035i
20.7	0.0736-0.0288i	-13.8725-1.6191i	0.5010+0.1984i	0.1333-0.0306i	1.5623-0.0451i	0.4873+0.2072i	0.1144-0.0233i	1.4482+0.0272i
20.8	0.0722-0.0327i	-13.7505-1.5913i	0.5092+0.2030i	0.1610-0.0306i	1.5305+0.0040i	0.4930+0.2133i	0.1345-0.0271i	1.4093+0.0704i
20.9	0.0795-0.0372i	-13.6635-1.5415i	0.5208+0.2050i	0.1683-0.0346i	1.5147+0.0152i	0.5034+0.2177i	0.1231-0.0343i	1.3864+0.0912i
21.0	0.0910-0.0407i	-13.5653-1.5666i	0.5227+0.2132i	0.1548-0.0563i	1.4656+0.0270i	0.5068+0.2248i	0.1261-0.0534i	1.3441+0.1208i
21.1	0.0833-0.0496i	-13.4743-1.5803i	0.5261+0.2236i	0.1954-0.0583i	1.4325+0.0733i	0.5100+0.2367i	0.1526-0.1028i	1.3093+0.1734i
21.2	0.0938-0.0624i	-13.4589-1.5422i	0.5350+0.2317i	0.1722-0.0523i	1.4097+0.1377i	0.5190+0.2431i	0.1353-0.0730i	1.2954+0.2382i
21.3	0.0971-0.0710i	-13.3850-1.5128i	0.5435+0.2401i	0.1626-0.0836i	1.3977+0.2180i	0.5280+0.2524i	0.1354-0.0673i	1.2884+0.3282i
21.4	0.0947-0.0897i	-13.3176-1.4769i	0.5573+0.2532i	0.1509-0.0795i	1.4375+0.3003i	0.5426+0.2677i	0.1441-0.0733i	1.3360+0.4092i
21.5	0.0812-0.0988i	-13.2582-1.4692i	0.5733+0.2543i	0.1511-0.0902i	1.4807+0.3474i	0.5581+0.2719i	0.1516-0.0920i	1.3872+0.4596i
21.6	0.0748-0.0980i	-13.1761-1.4539i	0.5928+0.2624i	0.1355-0.1231i	1.5227+0.4077i	0.5774+0.2823i	0.0981-0.1708i	1.4362+0.5278i
21.7	0.0612-0.1012i	-13.1206-1.3956i	0.6090+0.2655i	0.1567-0.1548i	1.5609+0.4347i	0.5921+0.2886i	0.1053-0.2254i	1.4661+0.5732i
21.8	0.0402-0.1047i	-13.0431-1.3747i	0.6287+0.2665i	0.1721-0.1801i	1.6265+0.4856i	0.6135+0.2950i	0.1713-0.2597i	1.5371+0.6393i
21.9	0.0309-0.1099i	-12.9637-1.3420i	0.6516+0.2615i	0.1343-0.1532i	1.7091+0.5124i	0.6418+0.2871i	0.1577-0.1940i	1.6415+0.6534i
22.0	0.0199-0.1138i	-12.8991-1.3510i	0.6790+0.2623i	0.0878-0.1332i	1.8034+0.5568i	0.6754+0.2879i	0.0671-0.1425i	1.7567+0.6794i
22.1	-0.0017-0.0967i	-12.8059-1.3778i	0.7009+0.2549i	0.1072-0.1655i	1.8907+0.5303i	0.6975+0.2821i	0.0527-0.1582i	1.8472+0.6645i
22.2	-0.0082-0.0911i	-12.7213-1.3212i	0.7216+0.2402i	0.0845-0.1434i	1.9595+0.5013i	0.7195+0.2606i	0.0293-0.1509i	1.9335+0.6169i
22.3	-0.0101-0.0840i	-12.6449-1.2789i	0.7347+0.2227i	0.0551-0.1218i	2.0088+0.4600i	0.7372+0.2394i	-0.0324-0.1184i	1.9985+0.5539i
22.4	-0.0191-0.0716i	-12.5651-1.2588i	0.7500+0.2019i	0.0664-0.1125i	2.0790+0.4077i	0.7533+0.2168i	-0.0006-0.0950i	2.0695+0.4886i
22.5	-0.0248-0.0523i	-12.4861-1.2767i	0.7631+0.1854i	0.0661-0.1277i	2.1247+0.3569i	0.7653+0.2017i	0.0106-0.1450i	2.1150+0.4354i
22.6	-0.0219-0.0428i	-12.4206-1.2848i	0.7685+0.1660i	0.0714-0.1016i	2.1530+0.2916i	0.7700+0.1795i	-0.0260-0.1079i	2.1315+0.3581i
22.7	-0.0249-0.0330i	-12.3336-1.2962i	0.7742+0.1510i	0.1000-0.0936i	2.1829+0.2596i	0.7716+0.1639i	-0.0659-0.1831i	2.1458+0.3098i
22.8	-0.0264-0.0187i	-12.2623-1.2975i	0.7770+0.1366i	0.1288-0.1137i	2.2089+0.2044i	0.7700+0.1507i	0.0627-0.1341i	2.1568+0.2582i
22.9	-0.0237+0.0028i	-12.2504-1.3145i	0.7755+0.1214i	0.1382-0.1763i	2.1999+0.1459i	0.7683+0.1402i	0.0338-0.1309i	2.1477+0.2228i
23.0	-0.0203+0.0095i	-12.2011-1.3243i	0.7755+0.1141i	0.1579-0.2037i	2.1857+0.1301i	0.7686+0.1363i	0.0454-0.1654i	2.1261+0.2120i
23.1	-0.0071+0.0173i	-12.1266-1.3629i	0.7794+0.1044i	0.1151-0.2398i	2.1962+0.0988i	0.7771+0.1312i	0.0273-0.2044i	2.1478+0.1936i
23.2	0.0040+0.0276i	-12.0685-1.3560i	0.7805+0.0940i	0.0792-0.2608i	2.1967+0.0652i	0.7815+0.1220i	0.0408-0.2516i	2.1613+0.1652i
23.3	0.0136+0.0342i	-12.0391-1.3273i	0.7828+0.0831i	0.0404-0.2661i	2.2019+0.0335i	0.7876+0.1103i	-0.0277-0.2842i	2.1822+0.1260i
23.4	0.0194+0.0335i	-12.0249-1.3200i	0.7851+0.0783i	0.0207-0.2504i	2.2210+0.0193i	0.7929+0.1006i	-0.1141-0.2729i	2.2058+0.0990i
23.5	0.0290+0.0340i	-11.9816-1.3117i	0.7860+0.0691i	0.0020-0.2222i	2.2198-0.0193i	0.7956+0.0858i	-0.0945-0.2303i	2.2090+0.0424i
23.6	0.0413+0.0363i	-11.9301-1.2951i	0.7913+0.0573i	-0.0225-0.2264i	2.2312-0.0730i	0.8028+0.0729i	-0.0606-0.2319i	2.2286-0.0100i
23.7	0.0487+0.0396i	-11.9089-1.2963i	0.7972+0.0505i	-0.0391-0.2286i	2.2563-0.1007i	0.8094+0.0654i	-0.0770-0.2434i	2.2514-0.0443i
23.8	0.0579+0.0449i	-11.8219-1.3043i	0.7969+0.0416i	-0.0626-0.2328i	2.2506-0.1161i	0.8079+0.0569i	-0.1302-0.2120i	2.2400-0.0785i
23.9	0.0662+0.0424i	-11.7602-1.2754i	0.7950+0.0281i	-0.0774-0.2236i	2.2310-0.1675i	0.8071+0.0405i	-0.0814-0.1754i	2.2169-0.1371i
24.0	0.0798+0.0352i	-11.7325-1.2676i	0.7990+0.0193i	-0.1034-0.2040i	2.2445-0.2010i	0.8121+0.0295i	-0.1151-0.1897i	2.2189-0.1753i
24.1	0.0881+0.0230i	-11.6798-1.2596i	0.7977+0.0130i	-0.1163-0.1598i	2.2213-0.2274i	0.8101+0.0212i	-0.1659-0.1424i	2.1881-0.2023i
24.2	0.0920+0.0162i	-11.6345-1.2511i	0.7980+0.0103i	-0.1268-0.1378i	2.1982-0.2355i	0.8084+0.0157i	-0.2368-0.1039i	2.1641-0.2125i
24.3	0.0967+0.0129i	-11.6163-1.2774i	0.8000+0.0089i	-0.1340-0.1239i	2.1885-0.2329i	0.8095+0.0130i	-0.1965-0.0741i	2.1542-0.2166i
24.4	0.0951+0.0072i	-11.5683-1.3020i	0.7985+0.0063i	-0.1246-0.1035i	2.1746-0.2323i	0.8084+0.0072i	-0.1772-0.1021i	2.1388-0.2147i
24.5	0.0932-0.0030i	-11.5115-1.2821i	0.8041+0.0013i	-0.1194-0.0716i	2.1963-0.2382i	0.8129+0.0036i	-0.2252-0.0949i	2.1489-0.2228i

24.6	0.0959-0.0037i	-11.5011-1.2946i	0.8041-0.0016i	-0.1165-0.0601i	2.1892-0.2388i	0.8116+0.0001i	-0.2144-0.0689i	2.1459-0.2229i
24.7	0.0942+0.0006i	-11.4727-1.3123i	0.8078-0.0047i	-0.1078-0.0547i	2.1760-0.2516i	0.8143-0.0049i	-0.1551-0.0298i	2.1455-0.2339i
24.8	0.0929+0.0037i	-11.4029-1.2830i	0.8153-0.0180i	-0.0954-0.0517i	2.1952-0.2985i	0.8187-0.0175i	-0.1882+0.0029i	2.1617-0.2870i
24.9	0.0939+0.0074i	-11.3661-1.2790i	0.8181-0.0254i	-0.0913-0.0483i	2.2023-0.3288i	0.8198-0.0256i	-0.2348-0.0512i	2.1662-0.3254i
25.0	0.0988+0.0086i	-11.3332-1.2380i	0.8182-0.0319i	-0.0837-0.0386i	2.1992-0.3370i	0.8194-0.0319i	-0.1452-0.0274i	2.1535-0.3538i
25.1	0.1027+0.0074i	-11.3230-1.2236i	0.8232-0.0393i	-0.0833-0.0275i	2.2083-0.3605i	0.8254-0.0422i	-0.1710-0.0449i	2.1589-0.3805i
25.2	0.1132+0.0114i	-11.2789-1.2211i	0.8180-0.0493i	-0.0749-0.0256i	2.1683-0.3981i	0.8186-0.0529i	-0.1726-0.0416i	2.1112-0.4198i
25.3	0.1198+0.0069i	-11.2121-1.2361i	0.8165-0.0476i	-0.0757-0.0233i	2.1397-0.3811i	0.8151-0.0496i	-0.1946+0.0108i	2.0767-0.4093i
25.4	0.1214+0.0031i	-11.1665-1.2502i	0.8158-0.0491i	-0.0690-0.0149i	2.1241-0.3748i	0.8164-0.0508i	-0.1362+0.0249i	2.0585-0.4057i
25.5	0.1220+0.0020i	-11.1359-1.2613i	0.8225-0.0485i	-0.0670-0.0147i	2.1235-0.3571i	0.8244-0.0510i	-0.1175-0.0097i	2.0589-0.3967i
25.6	0.1273+0.0009i	-11.1210-1.2375i	0.8319-0.0482i	-0.0744-0.0115i	2.1363-0.3453i	0.8329-0.0533i	-0.1381-0.0462i	2.0715-0.3973i
25.7	0.1335-0.0010i	-11.0657-1.2287i	0.8371-0.0557i	-0.0766-0.0050i	2.1366-0.3565i	0.8383-0.0632i	-0.1292-0.0336i	2.0655-0.4260i
25.8	0.1424-0.0102i	-10.9973-1.2041i	0.8375-0.0503i	-0.0816+0.0032i	2.1260-0.3074i	0.8398-0.0567i	-0.1565-0.0202i	2.0364-0.3956i
25.9	0.1462-0.0185i	-10.9257-1.1920i	0.8467-0.0447i	-0.0836+0.0131i	2.1384-0.2466i	0.8484-0.0518i	-0.2040-0.0360i	2.0360-0.3539i
26.0	0.1532-0.0200i	-10.8886-1.1725i	0.8620-0.0491i	-0.0929+0.0325i	2.1705-0.2155i	0.8615-0.0586i	-0.2016+0.0050i	2.0521-0.3556i
26.1	0.1623-0.0256i	-10.8037-1.2004i	0.8696-0.0580i	-0.0938+0.0541i	2.2074-0.2068i	0.8672-0.0686i	-0.1517+0.0678i	2.0543-0.3820i
26.2	0.1710-0.0352i	-10.6161-1.2375i	0.8708-0.0659i	-0.0848+0.0829i	2.2417-0.1754i	0.8678-0.0814i	-0.1875+0.0874i	2.0203-0.3934i
26.3	0.1767-0.0514i	-10.5663-1.2972i	0.8731-0.0670i	-0.0712+0.1155i	2.2784-0.1190i	0.8669-0.0845i	-0.1880+0.1054i	1.9883-0.3547i
26.4	0.1754-0.0762i	-10.5259-1.3749i	0.8793-0.0630i	-0.0393+0.1582i	2.3599-0.0573i	0.8670-0.0863i	-0.1948+0.1544i	1.9875-0.2880i
26.5	0.1662-0.0968i	-10.4964-1.4351i	0.8899-0.0631i	0.0174+0.1826i	2.4926-0.0216i	0.8726-0.0862i	-0.0867+0.1819i	2.0173-0.2149i
26.6	0.1443-0.1111i	-10.4676-1.5337i	0.9019-0.0579i	0.0763+0.1737i	2.6273-0.0428i	0.8821-0.0806i	0.0299+0.1527i	2.0768-0.1548i
26.7	0.1194-0.1164i	-10.4228-1.6365i	0.9199-0.0509i	0.1239+0.1474i	2.7638-0.0939i	0.8960-0.0724i	0.0249+0.1459i	2.1748-0.1001i
26.8	0.0974-0.1193i	-10.4250-1.6867i	0.9499-0.0550i	0.1584+0.1137i	2.9102-0.1816i	0.9199-0.0756i	0.0656+0.0969i	2.3039-0.0845i
26.9	0.0769-0.1152i	-10.4449-1.7298i	0.9740-0.0633i	0.1792+0.0855i	3.0252-0.2808i	0.9422-0.0835i	0.0856+0.0840i	2.4149-0.1078i
27.0	0.0591-0.0998i	-10.3985-1.7639i	0.9934-0.0834i	0.1958+0.0515i	3.0925-0.4249i	0.9577-0.1010i	0.0902+0.0313i	2.4891-0.1888i
27.1	0.0497-0.0850i	-10.3937-1.8435i	1.0097-0.0998i	0.2026+0.0277i	3.1268-0.5476i	0.9686-0.1156i	0.1069+0.0391i	2.5319-0.2375i
27.2	0.0452-0.0684i	-10.4084-1.9588i	1.0246-0.1180i	0.2080+0.0075i	3.1559-0.6768i	0.9794-0.1331i	0.1237+0.0250i	2.5724-0.2824i
27.3	0.0400-0.0503i	-10.4159-2.0316i	1.0307-0.1389i	0.2163-0.0215i	3.1513-0.8154i	0.9812-0.1493i	0.1446-0.0883i	2.5979-0.3376i
27.4	0.0484-0.0303i	-10.4723-2.0719i	1.0364-0.1540i	0.2157-0.0540i	3.1268-0.9148i	0.9821-0.1569i	0.0876-0.0510i	2.6235-0.3629i
27.5	0.0528-0.0213i	-10.5277-2.1428i	1.0512-0.1613i	0.2160-0.0826i	3.1289-0.9905i	0.9937-0.1575i	0.1837-0.0792i	2.6756-0.3610i
27.6	0.0597-0.0081i	-10.5489-2.2343i	1.0727-0.1804i	0.2139-0.1241i	3.1464-1.1349i	1.0111-0.1708i	0.1439-0.1545i	2.7630-0.3832i
27.7	0.0659+0.0044i	-10.6295-2.3581i	1.0820-0.2018i	0.1961-0.1640i	3.1040-1.2738i	1.0186-0.1846i	0.0682-0.0928i	2.8413-0.4328i
27.8	0.0756+0.0129i	-10.7840-2.4185i	1.0835-0.2159i	0.1602-0.1898i	3.0063-1.3559i	1.0265-0.1897i	0.0533-0.1385i	2.9145-0.4736i
27.9	0.0919+0.0194i	-10.9038-2.3540i	1.0902-0.2286i	0.1154-0.1972i	2.9131-1.3739i	1.0383-0.2004i	0.0859-0.2128i	3.0032-0.5580i
28.0	0.1072+0.0176i	-11.0180-2.2708i	1.1043-0.2418i	0.0822-0.1885i	2.8631-1.3703i	1.0546-0.2094i	-0.0285-0.2231i	3.0958-0.6486i
28.1	0.1171+0.0091i	-11.1404-2.1188i	1.1164-0.2634i	0.0616-0.1756i	2.8384-1.4033i	1.0701-0.2325i	-0.0651-0.1107i	3.1695-0.8017i
28.2	0.1157-0.0037i	-11.1868-1.9785i	1.1286-0.2808i	0.0471-0.1680i	2.8091-1.4449i	1.0843-0.2477i	-0.0516-0.0533i	3.2049-0.9531i
28.3	0.1080-0.0002i	-11.1084-1.9179i	1.1383-0.2977i	0.0353-0.1533i	2.7914-1.4557i	1.0956-0.2601i	-0.0820-0.0209i	3.1871-1.0885i
28.4	0.1152+0.0127i	-11.0783-1.9258i	1.1440-0.3153i	0.0302-0.1421i	2.7840-1.4602i	1.1084-0.2755i	-0.0959-0.0843i	3.1536-1.1672i
28.5	0.1244+0.0148i	-11.0438-1.8743i	1.1555-0.3259i	0.0251-0.1348i	2.8124-1.4410i	1.1240-0.2904i	-0.1623-0.2091i	3.1470-1.2236i
28.6	0.1297+0.0078i	-10.9744-1.7747i	1.1760-0.3484i	0.0291-0.1231i	2.8544-1.4624i	1.1473-0.3126i	-0.1227-0.1158i	3.1748-1.3296i
28.7	0.1283+0.0068i	-10.9685-1.7697i	1.1926-0.3674i	0.0337-0.1193i	2.8875-1.5082i	1.1637-0.3326i	-0.0910-0.0260i	3.1933-1.4141i
28.8	0.1312+0.0121i	-10.9657-1.8098i	1.2151-0.3907i	0.0362-0.1175i	2.9337-1.5628i	1.1851-0.3573i	-0.1199-0.0971i	3.2071-1.5036i
28.9	0.1363+0.0118i	-10.9409-1.7758i	1.2339-0.4335i	0.0404-0.1211i	2.9722-1.6865i	1.2037-0.3990i	-0.1337-0.0091i	3.2028-1.6493i
29.0	0.1300+0.0167i	-10.7545-1.7619i	1.2358-0.4625i	0.0499-0.1206i	2.9865-1.7494i	1.2092-0.4299i	-0.0991+0.0160i	3.1594-1.7483i
29.1	0.1281+0.0242i	-10.7505-1.8282i	1.2506-0.4995i	0.0533-0.1247i	3.0153-1.8543i	1.2216-0.4716i	-0.0558-0.0239i	3.1632-1.8756i
29.2	0.1305+0.0307i	-10.7617-1.9200i	1.2625-0.5365i	0.0490-0.1344i	3.0165-1.9659i	1.2314-0.5093i	-0.0380-0.0708i	3.1543-1.9989i
29.3	0.1321+0.0437i	-10.7274-1.9296i	1.2595-0.5851i	0.0466-0.1454i	2.9748-2.1057i	1.2274-0.5589i	-0.0609-0.0383i	3.0878-2.1481i
29.4	0.1455+0.0540i	-10.7499-1.8816i	1.2573-0.6538i	0.0426-0.1509i	2.9294-2.2867i	1.2182-0.6268i	-0.0896+0.0156i	3.0094-2.3608i
29.5	0.1582+0.0629i	-10.7378-1.9331i	1.2312-0.7019i	0.0341-0.1563i	2.8105-2.4086i	1.1888-0.6698i	-0.0415-0.0144i	2.8641-2.4965i
29.6	0.1696+0.0783i	-10.6836-1.9383i	1.2006-0.7493i	0.0241-0.1657i	2.6840-2.5055i	1.1575-0.7121i	-0.0862-0.0489i	2.7113-2.6169i
29.7	0.1771+0.0823i	-10.6875-1.8829i	1.1748-0.7760i	0.0177-0.1679i	2.5924-2.5463i	1.1345-0.7365i	-0.0688-0.0564i	2.5971-2.6767i
29.8	0.1955+0.0917i	-10.6552-2.0259i	1.1505-0.7976i	0.0056-0.1677i	2.4859-2.5583i	1.1111-0.7547i	-0.0074-0.0026i	2.4525-2.7105i
29.9	0.2178+0.0990i	-10.7203-2.0474i	1.1269-0.8365i	-0.0077-0.1680i	2.3979-2.6144i	1.0838-0.7903i	0.0107-0.0354i	2.3172-2.7883i
30.0	0.2436+0.0981i	-10.7554-1.9856i	1.0984-0.8767i	-0.0184-0.1685i	2.3200-2.6787i	1.0518-0.8252i	-0.0483-0.0645i	2.1828-2.8640i
30.1	0.2658+0.0913i	-10.7523-2.0188i	1.0536-0.9022i	-0.0317-0.1625i	2.2035-2.6924i	1.0110-0.8423i	-0.1393-0.0136i	2.0094-2.8707i
30.2	0.2875+0.0818i	-10.7810-2.0756i	0.9998-0.9139i	-0.0458-0.1638i	2.0824-2.7269i	0.9594-0.8537i	-0.1300-0.0556i	1.8126-2.8467i
30.3	0.2941+0.0660i	-10.7971-2.0680i	0.9667-0.9120i	-0.0538-0.1530i	2.0432-2.7209i	0.9309-0.8514i	-0.1361-0.0614i	1.7482-2.7807i
30.4	0.3001+0.0602i	-10.7855-2.0766i	0.9449-0.9126i	-0.0606-0.1370i	1.9903-2.7317i	0.9135-0.8532i	-0.0419-0.0395i	1.7189-2.7644i
30.5	0.3103+0.0585i	-10.7962-2.1192i	0.9044-0.9237i	-0.0622-0.1286i	1.8335-2.7692i	0.8713-0.8558i	0.0127-0.0636i	1.5893-2.8000i
30.6	0.3311+0.0603i	-10.9347-2.2176i	0.8662-0.9380i	-0.0691-0.1233i	1.6995-2.8098i	0.8342-0.8663i	-0.0164+0.0056i	1.4354-2.8548i
30.7	0.3366+0.0634i	-10.9326-2.1730i	0.8211-0.9430i	-0.0674-0.1171i	1.5569-2.7923i	0.7964-0.8719i	-0.0364-0.0158i	1.2747-2.8622i
30.8	0.3438+0.0576i	-10.9628-2.1085i	0.7661-0.9088i	-0.0685-0.1064i	1.3899-2.6693i	0.7512-0.8390i	-0.0736-0.0289i	1.0718-2.7457i

30.9	0.3632+0.0585i	-11.0220-2.1071i	0.7428-0.8753i	-0.0794-0.0950i	1.3237-2.5493i	0.7368-0.8127i	-0.0297-0.0332i	0.9641-2.6308i
31.0	0.3782+0.0575i	-11.0559-2.0447i	0.7104-0.8450i	-0.0750-0.0849i	1.2351-2.4366i	0.7060-0.7845i	-0.0614-0.0506i	0.8347-2.5083i
31.1	0.3980+0.0605i	-11.0090-1.9964i	0.6922-0.8050i	-0.0687-0.0857i	1.2085-2.3180i	0.6854-0.7505i	-0.0444-0.0502i	0.7656-2.3757i
31.2	0.4261+0.0588i	-11.0170-1.9842i	0.6872-0.7612i	-0.0675-0.0791i	1.2188-2.1889i	0.6800-0.7139i	-0.0562-0.0408i	0.7271-2.2508i
31.3	0.4548+0.0390i	-10.9802-1.9732i	0.6882-0.7268i	-0.0643-0.0804i	1.2323-2.0925i	0.6756-0.6763i	-0.0460-0.0687i	0.6891-2.1234i
31.4	0.4898+0.0300i	-10.8715-1.9645i	0.6863-0.6982i	-0.0690-0.0811i	1.2492-2.0239i	0.6699-0.6465i	-0.0382-0.0144i	0.6497-2.0174i
31.5	0.5230+0.0116i	-10.8272-1.9985i	0.7030-0.6625i	-0.0741-0.0724i	1.3046-1.9478i	0.6819-0.6132i	-0.0406+0.0107i	0.6344-1.9038i
31.6	0.5330-0.0268i	-10.8063-1.9499i	0.7203-0.6418i	-0.0708-0.0646i	1.3503-1.9000i	0.6976-0.5892i	-0.0727+0.0035i	0.6434-1.8019i
31.7	0.5512-0.0542i	-10.7310-1.9270i	0.7404-0.6040i	-0.0763-0.0491i	1.3903-1.8290i	0.7167-0.5590i	-0.0916+0.0277i	0.6441-1.6645i
31.8	0.5683-0.0709i	-10.6578-1.9207i	0.7652-0.5860i	-0.0724-0.0513i	1.4533-1.7864i	0.7345-0.5367i	-0.0978+0.0296i	0.6605-1.5671i
31.9	0.5962-0.1044i	-10.6653-1.9362i	0.7997-0.5679i	-0.0758-0.0402i	1.5436-1.7569i	0.7643-0.5177i	-0.1205-0.0162i	0.6910-1.4523i
32.0	0.6057-0.1439i	-10.6391-1.9664i	0.8326-0.5520i	-0.0684-0.0228i	1.6035-1.7480i	0.7866-0.5042i	-0.1133-0.0001i	0.7314-1.3584i
32.1	0.6173-0.1860i	-10.5851-2.0215i	0.8678-0.5346i	-0.0735-0.0134i	1.6711-1.7174i	0.8195-0.4844i	-0.1505+0.0024i	0.7852-1.2338i
32.2	0.6124-0.2155i	-10.5453-2.0514i	0.8973-0.5402i	-0.0780-0.0186i	1.7424-1.7357i	0.8606-0.4753i	-0.1145-0.0161i	0.8758-1.1588i
32.3	0.6021-0.2591i	-10.5449-2.1407i	0.9404-0.5446i	-0.0639-0.0116i	1.8195-1.7761i	0.8995-0.4652i	-0.1072+0.0922i	0.9678-1.0833i
32.4	0.6131-0.3169i	-10.5256-2.2500i	0.9885-0.5369i	-0.0416+0.0170i	1.9082-1.8023i	0.9296-0.4522i	-0.1024+0.0514i	1.0305-0.9790i
32.5	0.6047-0.3593i	-10.4807-2.3182i	1.0362-0.5367i	-0.0113+0.0312i	1.9584-1.8216i	0.9624-0.4443i	-0.0612+0.0758i	1.1101-0.8888i
32.6	0.5936-0.4005i	-10.4473-2.3796i	1.0799-0.5380i	0.0004+0.0368i	2.0141-1.8659i	1.0068-0.4376i	-0.0856+0.1207i	1.2152-0.7802i
32.7	0.5612-0.4342i	-10.4679-2.4484i	1.1229-0.5460i	0.0155+0.0389i	2.0598-1.8849i	1.0597-0.4365i	-0.0207+0.0593i	1.3750-0.7106i
32.8	0.5211-0.4616i	-10.4867-2.4969i	1.1675-0.5713i	0.0213+0.0148i	2.1073-1.9098i	1.1226-0.4352i	-0.0681+0.0968i	1.5761-0.6808i
32.9	0.4839-0.5092i	-10.4910-2.5698i	1.2138-0.5990i	0.0307+0.0014i	2.1635-1.9810i	1.1810-0.4365i	-0.0361+0.0633i	1.7641-0.6206i
33.0	0.4247-0.5468i	-10.6274-2.5985i	1.2706-0.6328i	0.0398+0.0039i	2.2132-2.0520i	1.2590-0.4649i	-0.0253+0.0606i	2.0156-0.6216i
33.1	0.3709-0.5588i	-10.6299-2.6729i	1.3222-0.6547i	0.0475+0.0104i	2.2881-2.0852i	1.3355-0.4982i	-0.0467+0.0580i	2.2475-0.6972i
33.2	0.2938-0.5540i	-10.6557-2.7675i	1.3990-0.6938i	0.0814+0.0094i	2.3799-2.1424i	1.4230-0.5542i	0.0223+0.0217i	2.5274-0.8545i
33.3	0.2136-0.5207i	-10.6863-2.7585i	1.4555-0.7572i	0.1112+0.0117i	2.4242-2.2484i	1.4869-0.6431i	0.0594+0.0594i	2.7529-1.1065i
33.4	0.1613-0.4740i	-10.7113-2.7283i	1.5021-0.8274i	0.1351-0.0113i	2.4659-2.3413i	1.5254-0.7203i	0.0513+0.0305i	2.8721-1.3439i
33.5	0.1399-0.3932i	-10.7572-2.7565i	1.5318-0.9377i	0.1478-0.0670i	2.5038-2.4861i	1.5471-0.8251i	0.0853-0.0667i	2.8825-1.6853i
33.6	0.1457-0.3103i	-10.7243-2.7323i	1.5268-1.0448i	0.1457-0.1128i	2.4828-2.6350i	1.5330-0.9306i	0.1478-0.1014i	2.8068-1.9969i
33.7	0.1722-0.2556i	-10.7917-2.7221i	1.5076-1.1229i	0.1293-0.1258i	2.4687-2.7613i	1.5102-1.0153i	0.0274-0.0811i	2.6652-2.2113i
33.8	0.2016-0.2124i	-10.7924-2.7558i	1.5030-1.1818i	0.1091-0.1462i	2.4722-2.8496i	1.5052-1.0696i	0.0261-0.0896i	2.5623-2.3563i
33.9	0.2696-0.1784i	-10.6421-2.8157i	1.4808-1.2363i	0.0824-0.1537i	2.4567-2.9399i	1.4803-1.1163i	-0.0070-0.0999i	2.3907-2.4413i
34.0	0.3329-0.1778i	-10.6066-2.8801i	1.4558-1.2816i	0.0598-0.1567i	2.4280-3.0352i	1.4542-1.1495i	-0.0185-0.1016i	2.2233-2.4903i
34.1	0.3835-0.1914i	-10.6174-2.9386i	1.4397-1.3109i	0.0415-0.1494i	2.3923-3.1208i	1.4389-1.1694i	-0.0360-0.0904i	2.0957-2.4645i
34.2	0.4271-0.2204i	-10.6035-3.0506i	1.4239-1.3415i	0.0322-0.1398i	2.3511-3.2094i	1.4220-1.1905i	-0.0129-0.0876i	1.9664-2.4141i
34.3	0.4459-0.2548i	-10.6004-3.0958i	1.4048-1.3774i	0.0319-0.1332i	2.2746-3.2924i	1.4100-1.2173i	-0.0178-0.0637i	1.8947-2.3302i
34.4	0.4634-0.2818i	-10.5958-3.2634i	1.4175-1.4021i	0.0437-0.1346i	2.2574-3.3695i	1.4239-1.2278i	-0.0468-0.0353i	1.8921-2.2385i
34.5	0.4782-0.3072i	-10.5752-3.3508i	1.4276-1.4393i	0.0408-0.1359i	2.2177-3.4210i	1.4424-1.2487i	-0.0522-0.0233i	1.9370-2.1755i
34.6	0.4907-0.3397i	-10.6808-3.4160i	1.4342-1.4989i	0.0356-0.1441i	2.1756-3.5388i	1.4680-1.2911i	-0.0436-0.0397i	2.0075-2.1239i
34.7	0.4964-0.3637i	-10.7940-3.5832i	1.4357-1.5435i	0.0257-0.1514i	2.1189-3.6545i	1.4918-1.3263i	-0.0412-0.0299i	2.0923-2.0897i
34.8	0.4993-0.3974i	-10.8930-3.7379i	1.4412-1.6066i	0.0205-0.1500i	2.0692-3.7553i	1.5229-1.3834i	-0.0494-0.0010i	2.2076-2.1143i
34.9	0.5018-0.4294i	-10.9108-3.7725i	1.4328-1.6550i	0.0072-0.1447i	1.9773-3.8209i	1.5356-1.4329i	-0.1088-0.0502i	2.3016-2.1628i
35.0	0.4941-0.4591i	-10.9952-3.9099i	1.4342-1.7165i	0.0001-0.1366i	1.8723-3.8787i	1.5682-1.5016i	-0.0971-0.0552i	2.4458-2.2623i
35.1	0.4822-0.4822i	-11.0601-3.9813i	1.4423-1.7522i	-0.0065-0.1233i	1.7811-3.9009i	1.5997-1.5474i	-0.0854+0.0080i	2.5767-2.3314i
35.2	0.4592-0.4960i	-11.1471-4.1170i	1.4528-1.8145i	0.0047-0.1045i	1.7057-3.9050i	1.6314-1.6312i	-0.0577+0.0828i	2.6959-2.5232i
35.3	0.4485-0.5051i	-11.2119-4.1560i	1.4502-1.8829i	0.0235-0.1017i	1.6626-3.9314i	1.6366-1.7167i	-0.0489+0.0466i	2.7097-2.7156i
35.4	0.4445-0.5067i	-11.3343-4.1820i	1.4339-1.9677i	0.0384-0.1004i	1.6462-3.9805i	1.6244-1.8198i	-0.0185+0.0276i	2.6765-2.9261i
35.5	0.4369-0.5038i	-11.4428-4.2266i	1.4222-2.0574i	0.0523-0.1020i	1.6189-4.0291i	1.6137-1.9299i	-0.0577+0.0040i	2.6417-3.1382i
35.6	0.4371-0.5088i	-11.5137-4.3512i	1.4087-2.1280i	0.0580-0.1099i	1.5737-4.0727i	1.6062-2.0126i	-0.0482+0.0022i	2.6180-3.2869i
35.7	0.4411-0.5028i	-11.6268-4.3696i	1.3789-2.2256i	0.0729-0.1232i	1.5446-4.1237i	1.5767-2.1266i	-0.0299+0.0167i	2.5340-3.4862i
35.8	0.4585-0.5094i	-11.7461-4.4077i	1.3210-2.2998i	0.0770-0.1369i	1.4912-4.2013i	1.5170-2.2098i	-0.0209-0.0193i	2.4029-3.6205i
35.9	0.4763-0.5227i	-11.8481-4.5028i	1.2785-2.3955i	0.0927-0.1517i	1.4645-4.3197i	1.4741-2.3179i	0.0481-0.0105i	2.2991-3.8012i
36.0	0.4888-0.5393i	-12.0508-4.5562i	1.2205-2.4894i	0.0973-0.1724i	1.3750-4.4437i	1.4181-2.4215i	0.0632-0.0433i	2.1482-3.9439i
36.1	0.5115-0.5568i	-12.0663-4.5045i	1.1459-2.5429i	0.0981-0.1884i	1.2872-4.4983i	1.3349-2.4819i	0.0814-0.0059i	1.9691-4.0167i
36.2	0.5277-0.5895i	-12.1532-4.5507i	1.0785-2.5851i	0.0939-0.2041i	1.1870-4.5868i	1.2646-2.5361i	0.0641-0.0382i	1.8174-4.0447i
36.3	0.5466-0.6238i	-12.3635-4.5692i	1.0245-2.6728i	0.0921-0.2239i	1.0932-4.7099i	1.2113-2.6366i	0.0814-0.0685i	1.6792-4.1389i
36.4	0.5559-0.6744i	-12.4212-4.5584i	0.9639-2.7363i	0.0927-0.2374i	0.9638-4.7855i	1.1430-2.7048i	0.0782-0.0715i	1.5320-4.1786i
36.5	0.5453-0.7162i	-12.4974-4.6212i	0.8930-2.7754i	0.0890-0.2546i	0.8598-4.8167i	1.0739-2.7432i	0.0321-0.0794i	1.3939-4.1816i
36.6	0.5283-0.7625i	-12.7450-4.6533i	0.8003-2.8631i	0.0804-0.2812i	0.6996-4.8872i	0.9845-2.8374i	0.0169-0.0904i	1.2230-4.2370i
36.7	0.5202-0.8013i	-12.8331-4.7132i	0.7387-2.9083i	0.0773-0.3035i	0.5606-4.9361i	0.9263-2.8879i	0.0108-0.0887i	1.0938-4.2322i
36.8	0.5096-0.8415i	-12.9786-4.6942i	0.6787-2.9613i	0.0678-0.3182i	0.4411-4.9770i	0.8692-2.9455i	0.0434-0.1125i	0.9895-4.2458i
36.9	0.4834-0.8844i	-13.1467-4.7041i	0.5815-3.0284i	0.0481-0.3412i	0.3060-4.9845i	0.7782-3.0221i	0.1054-0.1320i	0.8331-4.2263i
37.0	0.4638-0.9162i	-13.1946-4.6159i	0.4983-3.0299i	0.0313-0.3642i	0.1905-4.9012i	0.6920-3.0383i	0.0473-0.2075i	0.7349-4.1256i
37.1	0.4507-0.9464i	-13.1491-4.5440i	0.4788-3.0632i	0.0277-0.3832i	0.1462-4.8798i	0.6666-3.0867i	0.0519-0.2033i	0.6966-4.0964i

37.2	0.4218-0.9902i	-13.2650-4.6393i	0.4462-3.1515i	0.0079-0.4086i	0.1126-4.9722i	0.6363-3.1866i	0.0033-0.2428i	0.6291-4.1176i
37.3	0.3744-1.0462i	-13.3287-4.8716i	0.3622-3.2776i	-0.0239-0.4425i	0.0073-5.1052i	0.5483-3.3214i	0.0001-0.3366i	0.5354-4.1125i
37.4	0.3242-1.0773i	-13.4311-4.9076i	0.2235-3.3482i	-0.0578-0.4635i	-0.1375-5.1653i	0.4038-3.4040i	-0.0259-0.2628i	0.4067-4.0966i
37.5	0.2738-1.1043i	-13.7229-4.8358i	0.0477-3.4383i	-0.1083-0.4858i	-0.3221-5.2683i	0.2262-3.5142i	-0.1293-0.2608i	0.2528-4.0682i
37.6	0.2074-1.1551i	-13.9711-4.9700i	-0.1180-3.5226i	-0.1689-0.5037i	-0.5396-5.3990i	0.0451-3.6153i	-0.1694-0.2362i	0.1692-4.0164i
37.7	0.1450-1.2001i	-14.2259-5.1441i	-0.2566-3.6129i	-0.2175-0.5202i	-0.7650-5.5442i	-0.1062-3.7209i	-0.1714-0.3138i	0.1185-4.0146i
37.8	0.0189-1.1834i	-14.6972-5.0165i	-0.5055-3.6396i	-0.3058-0.4976i	-1.1863-5.5675i	-0.3690-3.7764i	-0.2703-0.3357i	0.0398-3.9607i
37.9	-0.0723-1.1569i	-14.8384-4.9348i	-0.7062-3.5765i	-0.3602-0.4664i	-1.5149-5.4384i	-0.5967-3.7247i	-0.2485-0.3274i	-0.0388-3.9077i
38.0	-0.1443-1.0731i	-15.0056-4.6494i	-0.9381-3.4492i	-0.4156-0.4108i	-1.8677-5.1555i	-0.8664-3.5962i	-0.4075-0.2531i	-0.1501-3.8138i
38.1	-0.1806-0.9704i	-15.0610-4.2951i	-1.1027-3.3126i	-0.4545-0.3479i	-2.1282-4.8754i	-1.0725-3.4513i	-0.3476-0.1416i	-0.2168-3.6684i
38.2	-0.1833-0.8970i	-15.1447-4.1917i	-1.1891-3.2198i	-0.4787-0.2914i	-2.2565-4.6436i	-1.1811-3.3497i	-0.4008-0.0677i	-0.2027-3.5552i
38.3	-0.1495-0.8620i	-15.2525-4.2220i	-1.2111-3.1623i	-0.4802-0.2330i	-2.2635-4.4405i	-1.2197-3.2727i	-0.5169+0.0550i	-0.1019-3.5185i
38.4	-0.1021-0.8439i	-15.2440-4.1951i	-1.2693-3.0788i	-0.4743-0.1754i	-2.2972-4.2680i	-1.2969-3.1657i	-0.3819-0.0123i	0.0081-3.4625i
38.5	-0.0995-0.8522i	-15.4217-4.1346i	-1.3833-3.0913i	-0.4676-0.1246i	-2.4224-4.1265i	-1.4369-3.1519i	-0.3677-0.0102i	0.0771-3.5541i
38.6	-0.1005-0.8526i	-15.6758-3.9870i	-1.5110-3.0654i	-0.4612-0.0852i	-2.5620-3.9718i	-1.5768-3.0985i	-0.4378+0.0165i	0.0956-3.6840i
38.7	-0.1032-0.8504i	-15.7506-3.8903i	-1.6241-3.0150i	-0.4423-0.0493i	-2.6469-3.7713i	-1.6909-3.0180i	-0.3855+0.0648i	0.0509-3.8135i
38.8	-0.1108-0.8455i	-15.6984-3.9488i	-1.7263-2.9514i	-0.4180-0.0154i	-2.7145-3.5316i	-1.7902-2.9265i	-0.3488+0.1527i	-0.0239-3.9249i
38.9	-0.1254-0.8265i	-15.8964-3.7991i	-1.8564-2.8545i	-0.3964+0.0030i	-2.6958-3.3018i	-1.8965-2.8043i	-0.3466+0.1653i	-0.2464-3.9569i
39.0	-0.1224-0.8089i	-16.1349-3.5128i	-2.0367-2.7280i	-0.3752+0.0294i	-2.6992-3.0593i	-2.0529-2.6546i	-0.3070+0.1675i	-0.4766-3.9866i
39.1	-0.0898-0.8028i	-16.1114-3.1990i	-2.1267-2.5550i	-0.3480+0.0462i	-2.5814-2.8577i	-2.1152-2.4687i	-0.2366+0.1878i	-0.6493-3.9199i
39.2	-0.0487-0.8074i	-16.1551-3.1280i	-2.2015-2.4145i	-0.3267+0.0654i	-2.4960-2.6874i	-2.1658-2.3292i	-0.1788+0.1875i	-0.7369-3.8417i
39.3	-0.0499-0.8242i	-16.2914-2.9316i	-2.2814-2.2641i	-0.2989+0.0757i	-2.4558-2.5610i	-2.2322-2.1960i	-0.1702+0.1822i	-0.8491-3.7118i
39.4	-0.0559-0.8706i	-16.3593-2.7808i	-2.3432-2.1098i	-0.2766+0.0804i	-2.3658-2.4762i	-2.2756-2.0524i	-0.1344+0.1854i	-0.9836-3.6558i
39.5	-0.0684-0.8961i	-16.3705-2.6381i	-2.4008-1.9585i	-0.2578+0.0928i	-2.3357-2.2981i	-2.3289-1.9096i	-0.1341+0.1977i	-1.0582-3.5773i
39.6	-0.0874-0.9277i	-16.3625-2.4955i	-2.4057-1.7780i	-0.2348+0.1053i	-2.2699-2.1637i	-2.3379-1.7513i	-0.1530+0.2079i	-1.1495-3.4503i
39.7	-0.1398-0.9290i	-16.3431-2.2690i	-2.3482-1.5994i	-0.2182+0.1047i	-2.1175-2.1499i	-2.3037-1.5836i	-0.1814+0.1628i	-1.1841-3.2106i
39.8	-0.1382-0.9099i	-16.2793-2.1115i	-2.3039-1.4876i	-0.1957+0.1164i	-2.1370-2.1575i	-2.2817-1.4586i	-0.1355+0.2674i	-1.0385-3.1194i
39.9	-0.1421-0.9285i	-16.1158-2.0474i	-2.2413-1.3852i	-0.1589+0.1127i	-2.0711-2.0359i	-2.2153-1.3439i	-0.0636+0.2923i	-1.0374-3.1366i
40.0	-0.1636-0.9431i	-16.1095-1.8495i	-2.2115-1.2547i	-0.1299+0.1085i	-1.9929-1.8622i	-2.1947-1.2085i	-0.1065+0.2361i	-1.0817-3.1194i
40.1	-0.1841-0.9389i	-16.0410-1.8616i	-2.1475-1.1761i	-0.1059+0.1031i	-1.9126-1.7458i	-2.1341-1.1330i	-0.0218+0.1898i	-1.0625-3.1078i
40.2	-0.2225-0.9344i	-16.0126-1.7982i	-2.1070-1.1158i	-0.0919+0.0966i	-1.8070-1.6850i	-2.0852-1.0700i	0.0544+0.1292i	-1.1166-3.0279i
40.3	-0.2343-0.9332i	-15.9672-1.9462i	-2.0670-1.1014i	-0.0748+0.0708i	-1.6083-1.7122i	-2.0458-1.0509i	0.0357+0.1156i	-1.2142-2.9661i
40.4	-0.2592-0.9502i	-15.8036-1.8501i	-2.0072-1.0199i	-0.0497+0.0464i	-1.5028-1.7547i	-1.9951-0.9544i	0.0787+0.1450i	-1.2263-2.8167i
40.5	-0.2930-0.9494i	-16.0104-1.6586i	-1.9843-0.9392i	-0.0255+0.0298i	-1.4910-1.7563i	-1.9924-0.8705i	-0.0084+0.1896i	-1.1856-2.6846i
40.6	-0.3265-0.9288i	-15.9470-1.5525i	-1.9523-0.8724i	-0.0188+0.0114i	-1.4218-1.7441i	-1.9570-0.7934i	0.0329+0.1478i	-1.1669-2.6083i
40.7	-0.3334-0.9331i	-15.7329-1.5761i	-1.8863-0.8156i	-0.0133-0.0283i	-1.3775-1.7953i	-1.8893-0.7021i	0.0995-0.0074i	-1.1099-2.5101i
40.8	-0.3507-0.9276i	-15.7784-1.6500i	-1.8496-0.7913i	-0.0266-0.0406i	-1.4138-1.7509i	-1.8425-0.6731i	0.0745-0.0478i	-1.0211-2.4747i
40.9	-0.3663-0.9146i	-15.9296-1.6939i	-1.8357-0.7300i	-0.0489-0.0517i	-1.4336-1.7390i	-1.8085-0.6106i	0.0588-0.0002i	-0.8931-2.4448i
41.0	-0.3784-0.9208i	-15.8652-1.5672i	-1.7772-0.6678i	-0.0442-0.0548i	-1.4346-1.6275i	-1.7438-0.5494i	0.0255+0.0088i	-0.8075-2.5015i
41.1	-0.4036-0.9265i	-15.9227-1.5632i	-1.7381-0.6533i	-0.0275-0.0591i	-1.3389-1.4853i	-1.7183-0.5344i	0.0398-0.0289i	-0.8495-2.5932i
41.2	-0.4690-0.9167i	-15.8742-1.5583i	-1.6849-0.6352i	-0.0346-0.1065i	-1.1539-1.5481i	-1.6328-0.4788i	0.0653+0.0224i	-0.9688-2.5527i
41.3	-0.4992-0.8625i	-15.9816-1.4583i	-1.6728-0.6005i	-0.0539-0.1144i	-1.1531-1.5934i	-1.6042-0.4416i	-0.0121+0.0174i	-0.9485-2.4265i
41.4	-0.4825-0.8341i	-15.8410-1.5139i	-1.6091-0.5693i	-0.0748-0.0996i	-1.1925-1.4794i	-1.5336-0.4233i	-0.0534+0.0242i	-0.6649-2.4792i
41.5	-0.4897-0.8288i	-15.8561-1.5248i	-1.5708-0.5458i	-0.0710-0.0953i	-1.0105-1.3799i	-1.4965-0.4109i	-0.0190+0.0367i	-0.7191-2.6532i
41.6	-0.5135-0.7986i	-15.8801-1.4394i	-1.5355-0.5189i	-0.0571-0.0982i	-0.9012-1.3743i	-1.4691-0.3915i	-0.0994+0.0705i	-0.8562-2.6134i
41.7	-0.5133-0.7993i	-15.7515-1.4629i	-1.4719-0.5282i	-0.0497-0.1178i	-0.6740-1.3738i	-1.4239-0.3805i	-0.0107+0.0033i	-0.9228-2.6682i
41.8	-0.5238-0.7751i	-15.8656-1.4295i	-1.4578-0.5166i	-0.0472-0.1278i	-0.5504-1.4125i	-1.4021-0.3532i	0.0405-0.0683i	-0.9579-2.5182i
41.9	-0.5251-0.7834i	-15.7496-1.5811i	-1.4184-0.5476i	-0.0705-0.1470i	-0.4481-1.4109i	-1.3585-0.3645i	0.0048-0.0444i	-0.7783-2.6271i
42.0	-0.5480-0.7534i	-15.6701-1.6593i	-1.4077-0.5695i	-0.0836-0.1886i	-0.3709-1.6266i	-1.3359-0.3492i	-0.0393-0.1362i	-0.8732-2.7108i
42.1	-0.5422-0.7314i	-15.7479-1.5601i	-1.3983-0.5468i	-0.0915-0.2009i	-0.3852-1.6108i	-1.3218-0.3092i	-0.0021-0.1576i	-0.9029-2.7767i
42.2	-0.5601-0.6921i	-15.8078-1.5663i	-1.3951-0.5487i	-0.0801-0.2022i	-0.1319-1.5667i	-1.3058-0.2854i	0.1008-0.1032i	-1.1406-2.7922i
42.3	-0.5348-0.6374i	-15.9105-1.5891i	-1.4074-0.5311i	-0.0795-0.2333i	0.1200-1.7681i	-1.2825-0.2506i	0.0073-0.1783i	-1.2910-2.6542i
42.4	-0.4982-0.6351i	-16.0513-1.5211i	-1.4247-0.5154i	-0.1040-0.2829i	0.1833-2.0658i	-1.2625-0.2112i	-0.1274-0.1984i	-1.3443-2.5591i
42.5	-0.4893-0.6277i	-15.9110-1.4668i	-1.4198-0.4878i	-0.1827-0.2797i	0.1217-2.2094i	-1.2049-0.1969i	-0.1957-0.1574i	-1.3901-2.4922i
42.6	-0.4462-0.5923i	-16.2062-1.5043i	-1.4327-0.4524i	-0.2003-0.2777i	0.0499-2.4603i	-1.1910-0.1783i	-0.1842-0.1634i	-1.4564-2.3120i
42.7	-0.3926-0.6259i	-16.0990-1.5683i	-1.4078-0.4211i	-0.2252-0.2473i	-0.1580-2.5184i	-1.1562-0.1797i	-0.1117-0.1467i	-1.4947-2.2408i
42.8	-0.3983-0.6961i	-15.9623-1.4581i	-1.3550-0.4087i	-0.2220-0.2343i	0.0986-2.3206i	-1.1260-0.1589i	-0.2532-0.2322i	-1.5270-2.0029i
42.9	-0.3868-0.6884i	-16.1833-1.3652i	-1.3929-0.3881i	-0.2499-0.2514i	0.2615-2.6995i	-1.1223-0.1032i	-0.3036-0.2268i	-1.2993-1.7731i
43.0	-0.3262-0.7111i	-16.3076-1.2372i	-1.4013-0.3238i	-0.2671-0.2162i	0.0060-2.8837i	-1.0743-0.0600i	-0.2649-0.1686i	-1.1307-1.7601i
43.1	-0.3166-0.8164i	-16.0573-1.2343i	-1.3647-0.2853i	-0.2965-0.2141i	-0.1061-2.8590i	-0.9879-0.0486i	-0.2676-0.1329i	-1.0549-1.9310i
43.2	-0.4198-0.8920i	-16.0877-1.2738i	-1.3244-0.2827i	-0.2679-0.2367i	0.1055-3.0389i	-0.9417-0.0747i	-0.2568-0.1363i	-1.3421-1.9386i
43.3	-0.4418-0.8780i	-16.1377-1.3126i	-1.2931-0.2603i	-0.3032-0.2359i	-0.3032-3.3542i	-0.9162-0.0927i	-0.3165-0.1093i	-1.1285-1.5581i
43.4	-0.4562-0.9334i	-16.2281-1.3586i	-1.2809-0.2419i	-0.3382-0.2132i	-0.6120-3.0428i	-0.9120-0.0870i	-0.3467-0.0848i	-0.7180-1.6372i

43.5	-0.5051-0.9718i	-16.2935-1.2123i	-1.2785-0.2318i	-0.3226-0.2398i	-0.3325-2.9081i	-0.9098-0.0464i	-0.3205-0.2052i	-0.6501-1.8741i
43.6	-0.5819-1.0081i	-16.3784-1.2033i	-1.2694-0.1793i	-0.3472-0.2810i	-0.0623-3.3487i	-0.8559+0.0058i	-0.3102-0.2003i	-0.7335-1.9203i
43.7	-0.6427-1.0160i	-16.1174-1.1771i	-1.2022-0.1282i	-0.4016-0.2334i	-0.0871-3.7740i	-0.7633-0.0040i	-0.3508-0.1911i	-0.8010-1.9253i
43.8	-0.7154-1.0437i	-16.1679-1.1267i	-1.1440-0.1088i	-0.3932-0.2047i	-0.4219-4.0367i	-0.7334-0.0043i	-0.3477-0.2634i	-0.8546-1.8731i
43.9	-0.8097-1.0809i	-16.1457-1.2392i	-1.0940-0.1310i	-0.4111-0.2087i	-0.8738-4.0322i	-0.7007-0.0152i	-0.4929-0.2217i	-0.7516-1.8571i
44.0	-0.9355-1.0389i	-16.1021-1.1718i	-1.0622-0.1652i	-0.4188-0.2402i	-1.0338-3.9155i	-0.6587+0.0011i	-0.4220-0.1066i	-0.6773-1.8045i
44.1	-0.9724-0.9360i	-16.1681-1.2939i	-1.0741-0.2057i	-0.4771-0.3008i	-1.1814-3.9601i	-0.6016-0.0080i	-0.4477-0.1219i	-0.3147-1.7400i
44.2	-1.0319-0.9454i	-16.2353-1.2268i	-1.0971-0.1817i	-0.5861-0.3017i	-1.4784-4.0485i	-0.5547+0.0015i	-0.5602-0.1926i	-0.1776-1.9793i
44.3	-1.1524-0.8650i	-16.1480-1.1528i	-1.0910-0.1461i	-0.6543-0.1642i	-1.5969-3.7806i	-0.4890-0.0519i	-0.5801-0.0580i	-0.3893-2.3582i
44.4	-1.2476-0.7099i	-16.2054-1.3024i	-1.1019-0.1151i	-0.6451-0.0375i	-1.3808-3.5993i	-0.4664-0.1387i	-0.5570-0.0112i	-0.8295-2.5859i
44.5	-1.2159-0.6134i	-16.2806-1.4364i	-1.0730-0.0916i	-0.6359+0.0033i	-1.4361-3.7940i	-0.4806-0.1653i	-0.6295+0.0903i	-1.0409-2.3511i
44.6	-1.1907-0.5407i	-16.2772-1.7329i	-1.0304-0.0656i	-0.6065+0.1062i	-1.7323-3.8910i	-0.4896-0.1800i	-0.5205+0.2279i	-1.0905-2.0356i
44.7	-1.1652-0.5235i	-16.4941-1.7426i	-0.9761-0.0570i	-0.4619+0.0845i	-1.8434-3.9528i	-0.5034-0.1580i	-0.4474+0.1497i	-1.0132-1.7897i
44.8	-1.1175-0.5009i	-16.5774-1.5668i	-0.9217-0.0385i	-0.4688+0.0417i	-2.2280-3.9238i	-0.4926-0.1648i	-0.4519+0.0709i	-0.8041-1.6491i
44.9	-1.2374-0.5152i	-16.5953-1.5694i	-0.8839-0.0899i	-0.4577+0.0717i	-2.0572-3.4002i	-0.5015-0.1529i	-0.4327+0.1508i	-0.8020-1.9248i
45.0	-1.2521-0.3800i	-16.6946-1.6494i	-0.8991-0.1063i	-0.4282+0.0340i	-1.8971-3.6987i	-0.4529-0.1285i	-0.4186+0.1185i	-0.7690-1.8404i
45.1	-1.2092-0.3809i	-16.8345-1.7846i	-0.9075-0.1130i	-0.4378-0.0396i	-2.2167-3.7346i	-0.4500-0.1438i	-0.4259+0.0608i	-0.7290-1.9071i
45.2	-1.2444-0.3552i	-16.8589-1.7152i	-0.8977-0.0896i	-0.4842-0.0666i	-2.2458-3.8188i	-0.4242-0.1116i	-0.4905+0.0435i	-0.8553-1.7988i
45.3	-1.2729-0.3029i	-16.9277-1.6201i	-0.8826-0.0806i	-0.5854-0.1063i	-2.5290-4.1195i	-0.3518-0.0784i	-0.6080-0.0318i	-0.6462-1.4660i
45.4	-1.3216-0.2508i	-17.0965-1.7016i	-0.8456-0.0577i	-0.6517-0.0409i	-2.9921-3.9515i	-0.2956-0.0882i	-0.6199-0.0052i	-0.3453-1.4374i
45.5	-1.2735-0.1060i	-17.1520-1.8533i	-0.8262-0.0627i	-0.6681+0.0655i	-2.9162-3.4953i	-0.2675-0.1410i	-0.6010+0.0867i	-0.0994-1.5554i
45.6	-1.2641-0.0696i	-17.1301-1.6982i	-0.7875-0.0972i	-0.6153+0.1310i	-2.7488-3.7507i	-0.2396-0.1742i	-0.5813+0.2100i	0.0724-1.8239i
45.7	-1.3177+0.1027i	-17.1420-1.7032i	-0.8218-0.1268i	-0.6596+0.0373i	-3.6249-3.7831i	-0.1779-0.1571i	-0.5804+0.1611i	0.1419-1.8432i
45.8	-1.1998+0.2052i	-17.3237-1.8023i	-0.9039-0.0763i	-0.7786+0.0618i	-3.9475-3.1827i	-0.1290-0.1763i	-0.6443+0.1407i	0.4720-2.0671i
45.9	-1.1424+0.1748i	-17.4947-1.9702i	-0.8764+0.0396i	-0.8433+0.1555i	-3.7427-2.6470i	-0.0937-0.2265i	-0.7657+0.2125i	0.4237-2.5103i
46.0	-1.1103+0.2567i	-17.6869-2.0029i	-0.8004+0.0618i	-0.9163+0.2999i	-3.5372-2.6344i	-0.0447-0.2846i	-0.8418+0.3481i	0.3930-2.7007i
46.1	-0.9635+0.3135i	-17.7418-1.9505i	-0.7769+0.0865i	-0.9213+0.6169i	-3.7506-2.5274i	-0.0200-0.4008i	-0.9090+0.7053i	0.3719-3.2677i
46.2	-0.9474+0.2814i	-17.9948-2.0503i	-0.6727+0.1155i	-0.6139+0.6978i	-3.7110-2.4680i	-0.0676-0.4069i	-0.5612+0.7800i	-0.0836-3.3102i
46.3	-0.9653+0.3132i	-18.1702-1.9260i	-0.6427+0.0532i	-0.5113+0.4874i	-4.1003-2.1615i	-0.0122-0.3916i	-0.4595+0.5636i	0.2367-3.3502i
46.4	-0.9989+0.3526i	-18.3353-2.1296i	-0.6598+0.0880i	-0.5144+0.5527i	-3.6988-1.3045i	-0.0459-0.5155i	-0.4848+0.6428i	-0.2761-4.3203i
46.5	-1.0228+0.5037i	-18.5283-2.1117i	-0.6199+0.0992i	-0.3832+0.5188i	-2.9750-1.5912i	-0.1526-0.4865i	-0.3435+0.6043i	-1.3314-3.9250i
46.6	-0.9154+0.6172i	-18.7610-1.9753i	-0.5780+0.0859i	-0.3686+0.4278i	-2.9763-1.8945i	-0.1487-0.4422i	-0.3240+0.4704i	-1.4353-3.2893i
46.7	-0.8093+0.6897i	-18.7399-1.9015i	-0.5283+0.0670i	-0.3973+0.3441i	-3.0080-2.2292i	-0.0911-0.4083i	-0.4236+0.4314i	-1.2925-2.8587i
46.8	-0.6649+0.7669i	-18.9396-1.8616i	-0.5013+0.0857i	-0.5075+0.3161i	-3.4953-2.5408i	-0.0014-0.3811i	-0.4859+0.3901i	-0.8516-2.7527i
46.9	-0.5080+0.7322i	-19.1597-1.9059i	-0.4798+0.0974i	-0.5743+0.4914i	-3.7625-1.8809i	0.0644-0.5094i	-0.5701+0.6233i	-0.6397-3.4720i
47.0	-0.4477+0.6793i	-19.1093-1.8213i	-0.3785+0.1059i	-0.4044+0.5807i	-3.2589-1.5672i	0.0110-0.6104i	-0.3153+0.7389i	-1.4335-3.9333i
47.1	-0.3997+0.7898i	-19.3947-1.6160i	-0.3415+0.0245i	-0.3846+0.3445i	-3.1363-2.5442i	-0.0609-0.5021i	-0.2935+0.4643i	-2.1577-2.9720i
47.2	-0.2140+0.8212i	-19.6797-1.5466i	-0.3432+0.0283i	-0.5112+0.3466i	-3.9092-2.7326i	-0.0150-0.4720i	-0.4235+0.4605i	-1.9463-2.5312i
47.3	-0.0539+0.7380i	-19.9634-1.4103i	-0.3105+0.0252i	-0.5756+0.4487i	-4.5053-2.1661i	0.0443-0.4945i	-0.4807+0.5462i	-1.5880-2.4754i
47.4	0.0774+0.6240i	-20.0280-1.3657i	-0.2593+0.0119i	-0.5697+0.5636i	-4.7063-1.4378i	0.1041-0.5473i	-0.5242+0.6087i	-1.3770-2.5893i
47.5	0.1385+0.4971i	-20.1683-1.2999i	-0.2363+0.0036i	-0.5193+0.6567i	-4.4884-0.8613i	0.1134-0.6091i	-0.5008+0.6359i	-1.4055-2.8219i
47.6	0.1671+0.3557i	-20.2334-1.1475i	-0.1446+0.0213i	-0.3974+0.7536i	-3.9345-0.2131i	0.1172-0.6731i	-0.2944+0.9018i	-1.7689-3.1610i
47.7	0.1505+0.3475i	-20.5245-1.1160i	-0.0868-0.0113i	-0.2717+0.7158i	-3.1456-0.3728i	0.0777-0.6814i	-0.1508+0.7945i	-2.3380-2.9334i
47.8	0.2086+0.3142i	-20.6401-0.9366i	-0.0533-0.0894i	-0.2926+0.6215i	-3.2437-0.9587i	0.1146-0.6771i	-0.1820+0.7101i	-2.1921-2.3419i
47.9	0.2470+0.2227i	-20.7216-0.6967i	-0.0577-0.1391i	-0.3565+0.6766i	-3.5568-0.7991i	0.1588-0.7457i	-0.1950+0.7541i	-1.8146-2.4898i
48.0	0.2625+0.1327i	-20.7658-0.6024i	-0.0065-0.1510i	-0.2484+0.7149i	-3.3578-0.7634i	0.1304-0.7931i	-0.1738+0.7886i	-2.2116-2.5049i
48.1	0.2776+0.0627i	-20.8693-0.6592i	0.0029-0.2415i	-0.2704+0.6338i	-3.5297-0.8946i	0.1380-0.7990i	-0.1028+0.6430i	-1.9986-2.0593i
48.2	0.3145-0.0148i	-20.9118-0.6457i	0.0271-0.2720i	-0.2764+0.7364i	-3.6420-0.6879i	0.1691-0.8665i	-0.1075+0.7379i	-1.9614-2.2841i
48.3	0.2812-0.0650i	-21.1967-0.4199i	0.0635-0.2723i	-0.1651+0.7933i	-3.5525-0.4443i	0.1470-0.8721i	-0.0635+0.8644i	-2.2909-2.3274i
48.4	0.2793-0.1127i	-21.4600+0.0055i	0.1076-0.3246i	-0.0668+0.7500i	-3.2916-0.4273i	0.1717-0.8861i	0.0209+0.8007i	-2.4374-1.9747i
48.5	0.2532-0.1581i	-21.5698+0.0974i	0.1127-0.3628i	-0.0480+0.6713i	-3.3206-0.5490i	0.1846-0.8931i	0.0624+0.7120i	-2.3509-1.7552i
48.6	0.2626-0.1739i	-21.6560+0.1783i	0.1165-0.3938i	-0.1287+0.6486i	-3.4252-0.6547i	0.2341-0.9346i	-0.0819+0.7011i	-2.2553-1.5637i
48.7	0.2845-0.2212i	-21.9978+0.4081i	0.1601-0.4032i	-0.0956+0.7220i	-3.4859-0.4753i	0.2371-0.9884i	-0.0364+0.7340i	-2.2089-1.5452i
48.8	0.2316-0.3180i	-21.9652+0.6009i	0.2207-0.5210i	0.0397+0.6769i	-3.4051-0.4592i	0.2173-1.0516i	0.1702+0.6792i	-2.1578-1.3800i
48.9	0.2011-0.3427i	-22.0823+0.9294i	0.2199-0.6177i	0.0409+0.5933i	-3.6015-0.5347i	0.2265-1.0641i	0.2509+0.5686i	-2.0220-1.1484i
49.0	0.1818-0.3419i	-22.1604+0.9368i	0.1886-0.6859i	0.0053+0.5508i	-3.7907-0.3756i	0.2435-1.1051i	0.1194+0.5325i	-1.7467-1.0633i
49.1	0.2273-0.3297i	-22.3393+1.1995i	0.1974-0.7231i	-0.0472+0.5177i	-4.0539-0.4748i	0.3078-1.1362i	0.0483+0.5616i	-1.4711-0.9136i
49.2	0.2771-0.3927i	-22.8011+1.5189i	0.1757-0.6759i	-0.1501+0.6531i	-4.6162+0.1785i	0.3608-1.1833i	-0.0125+0.6508i	-1.0044-1.4978i
49.3	0.2166-0.4599i	-22.7534+1.6839i	0.1953-0.6995i	-0.0602+0.7603i	-4.2463+0.9918i	0.3424-1.2956i	0.0455+0.7748i	-1.3561-2.0556i
49.4	0.1651-0.4749i	-22.8635+1.7679i	0.2163-0.7589i	0.0604+0.7534i	-3.6912+1.1889i	0.2846-1.3721i	0.1845+0.7562i	-1.8345-1.9857i
49.5	0.1499-0.5044i	-23.3122+1.9855i	0.2467-0.8138i	0.0601+0.7320i	-3.6458+1.1920i	0.2959-1.3907i	0.1540+0.7268i	-1.7206-1.7861i
49.6	0.1166-0.5395i	-23.2591+2.4077i	0.2604-0.9121i	0.1279+0.7551i	-3.3310+1.4612i	0.3044-1.4858i	0.2258+0.7525i	-1.8225-1.9567i
49.7	0.1511-0.5367i	-23.2248+2.7998i	0.2625-0.9843i	0.2001+0.7567i	-3.0219+1.4639i	0.2844-1.6032i	0.2759+0.7620i	-2.2265-1.8949i

49.8	0.1932-0.5944i	-23.4590+3.1682i	0.3097-1.0238i	0.2776+0.7299i	-2.9493+1.4699i	0.2723-1.6617i	0.3632+0.7133i	-2.4591-1.6804i
49.9	0.1937-0.6834i	-23.8450+3.8936i	0.3754-1.0909i	0.2890+0.6471i	-3.0279+1.3805i	0.2753-1.6625i	0.4118+0.6117i	-2.4861-1.2444i
50.0	0.1585-0.7257i	-23.7027+4.1786i	0.3178-1.1989i	0.2788+0.7113i	-3.1009+1.8096i	0.2595-1.7815i	0.3811+0.6540i	-2.1871-1.3848i
50.1	0.0953-0.7992i	-23.4482+4.5245i	0.2874-1.3144i	0.4353+0.6978i	-2.6171+2.1355i	0.1558-1.9138i	0.5171+0.6028i	-2.4525-1.3728i
50.2	0.0388-0.8682i	-23.4995+5.2409i	0.3033-1.4367i	0.5290+0.5909i	-2.2435+2.2300i	0.1199-1.9827i	0.6365+0.5324i	-2.6188-1.0910i
50.3	-0.0161-0.9020i	-23.3188+5.6443i	0.2705-1.5378i	0.5442+0.5267i	-2.0006+2.3043i	0.0903-2.0555i	0.5999+0.5046i	-2.5860-1.0159i
50.4	-0.1055-0.8954i	-23.1842+6.0990i	0.1981-1.6524i	0.5771+0.4450i	-1.6217+2.3850i	0.0068-2.1376i	0.6397+0.4252i	-2.7969-0.9702i
50.5	-0.0832-0.8456i	-23.0517+6.5335i	0.1017-1.7150i	0.5842+0.3522i	-1.1365+2.1082i	-0.0884-2.1740i	0.6840+0.2855i	-3.1075-0.5566i
50.6	-0.0610-0.8992i	-22.8553+6.7259i	0.0509-1.7837i	0.5866+0.2775i	-1.1340+1.8175i	-0.1586-2.2208i	0.6840+0.1930i	-2.9778-0.0716i
50.7	-0.0861-1.0115i	-22.8914+7.4394i	0.0532-1.8863i	0.5966+0.2215i	-1.1647+2.0379i	-0.1870-2.3035i	0.6516+0.1550i	-2.8443+0.1556i
50.8	-0.2056-1.0704i	-22.3067+8.3611i	-0.0031-2.0661i	0.6273+0.0451i	-0.6838+1.9759i	-0.2904-2.3807i	0.6665-0.0241i	-3.0258+0.5882i
50.9	-0.3085-1.0765i	-21.3857+8.6480i	-0.1829-2.2243i	0.5051-0.1167i	-0.5495+1.5711i	-0.3982-2.4171i	0.5824-0.2220i	-2.6170+1.3448i
51.0	-0.3350-1.1187i	-20.9574+9.1500i	-0.3287-2.2993i	0.3788-0.0885i	-0.5801+1.8194i	-0.4539-2.5172i	0.4074-0.1743i	-2.0175+1.4541i
51.1	-0.4115-1.1234i	-19.9946+8.8222i	-0.5653-2.3102i	0.3113-0.0767i	-0.1958+1.8011i	-0.6590-2.5637i	0.3640-0.2133i	-1.5923+1.3299i
51.2	-0.5259-1.1302i	-19.0864+8.9997i	-0.7421-2.3934i	0.2827-0.1394i	0.1799+1.4615i	-0.8303-2.6020i	0.3266-0.2836i	-1.3712+1.5544i
51.3	-0.5925-1.1467i	-18.9297+9.2098i	-0.8508-2.3864i	0.2470-0.1396i	0.2723+1.3720i	-0.9184-2.5946i	0.1900-0.2309i	-1.2100+1.5883i
51.4	-0.7124-1.1485i	-18.2947+9.3558i	-1.0083-2.4116i	0.2454-0.1694i	0.6488+1.3238i	-1.0817-2.5935i	0.1998-0.2917i	-1.1101+1.6871i
51.5	-0.8044-1.1247i	-17.6033+9.3466i	-1.1200-2.4141i	0.3079-0.1955i	1.2460+1.1385i	-1.2327-2.5902i	0.2699-0.2923i	-1.2112+1.8795i
51.6	-0.9417-1.0296i	-16.9052+9.2966i	-1.2690-2.4871i	0.3073-0.4723i	1.6889+0.0844i	-1.3921-2.4766i	0.2099-0.5340i	-0.9766+2.7368i
51.7	-1.0009-0.9236i	-16.3199+9.7884i	-1.4713-2.5436i	0.0403-0.6920i	1.3238-0.7505i	-1.4138-2.3970i	-0.0112-0.7702i	-0.1005+3.2226i
51.8	-0.9637-0.8488i	-15.2176+9.1584i	-1.7338-2.4170i	-0.2325-0.5792i	0.9198-1.0790i	-1.5083-2.3672i	-0.2614-0.6349i	0.5438+2.9942i
51.9	-0.9453-0.8393i	-15.6470+7.8929i	-1.8038-2.1809i	-0.2665-0.4323i	0.4952-1.2703i	-1.5777-2.2115i	-0.2750-0.4922i	0.9463+2.7723i
52.0	-1.0541-0.8562i	-15.3314+8.5746i	-1.8515-2.2298i	-0.2825-0.5307i	0.2477-1.4459i	-1.6151-2.1605i	-0.3669-0.6207i	1.4171+2.8694i
52.1	-1.0867-0.8109i	-14.9920+9.1275i	-1.9341-2.2329i	-0.3872-0.5838i	0.0297-1.5487i	-1.6034-2.1058i	-0.4521-0.6802i	1.6533+2.8831i
52.2	-1.0846-0.6603i	-14.3630+7.7984i	-2.1868-2.0203i	-0.7073-0.4593i	-0.6189-1.5940i	-1.5841-1.9926i	-0.8394-0.5766i	2.4365+2.3552i
52.3	-1.0228-0.5961i	-13.8268+5.9506i	-2.3620-1.7111i	-0.8426-0.1532i	-0.9488-1.1826i	-1.6455-1.9749i	-1.0265-0.2878i	2.7217+1.5480i
52.4	-0.9715-0.6525i	-15.2073+5.6263i	-2.2013-1.4758i	-0.6673-0.0014i	-0.9205-1.1300i	-1.6419-1.8848i	-0.7728-0.0735i	2.5357+1.6544i
52.5	-1.0969-0.7277i	-14.2447+5.5422i	-2.3050-1.4864i	-0.7924-0.0481i	-1.5807-1.2793i	-1.6750-1.8344i	-0.9197-0.0894i	3.7587+1.4083i
52.6	-1.2698-0.7896i	-13.4439+6.0870i	-2.3710-1.5171i	-0.7575-0.0910i	-1.2870-1.0461i	-1.7530-1.8635i	-0.8627-0.1495i	3.8777+1.2875i
52.7	-1.4566-0.6798i	-13.7585+6.5418i	-2.3254-1.5061i	-0.7292-0.2585i	-0.8299-1.3696i	-1.7387-1.8013i	-0.8654-0.2953i	3.5448+1.5891i
52.8	-1.5270-0.2996i	-12.5596+4.9884i	-2.6188-1.3815i	-1.4215-0.2355i	-2.4722-1.7679i	-1.5926-1.7015i	-1.4898-0.2706i	5.6232+1.2436i
52.9	-1.5435-0.0886i	-11.1118+5.0058i	-2.8158-1.2670i	-1.7613+0.0569i	-3.1238-1.1466i	-1.5633-1.8273i	-1.8190-0.0112i	6.7080+0.3825i
53.0	-1.4161-0.0261i	-11.3426+5.2091i	-2.7570-1.1333i	-1.6409+0.4183i	-2.7918-0.2605i	-1.6238-1.9941i	-1.7896+0.3955i	6.2486-0.5273i
53.1	-1.3073+0.0205i	-10.8879+4.3537i	-2.7703-0.9787i	-1.5912+0.6976i	-2.5180+0.1786i	-1.7375-2.0495i	-1.8148+0.7046i	6.0805-1.3684i
53.2	-1.2851+0.0804i	-9.9975+3.3400i	-2.7864-0.8255i	-1.4825+0.9024i	-2.0523+0.4272i	-1.8937-2.0262i	-1.7503+0.9589i	5.8210-1.9372i
53.3	-1.1971+0.1432i	-11.3061+2.0191i	-2.6424-0.6235i	-1.1971+1.1129i	-1.5256+0.4232i	-1.9899-1.9567i	-1.3439+1.1505i	4.8681-2.3208i
53.4	-1.1516+0.1858i	-11.5318+2.1064i	-2.5731-0.6222i	-1.0441+1.0698i	-1.5653-0.0528i	-2.0682-1.9087i	-1.1715+1.0585i	4.8897-1.8588i
53.5	-1.1851+0.1976i	-11.4137+2.1439i	-2.5733-0.6423i	-1.0087+1.0009i	-1.7770+0.1987i	-2.1026-1.8684i	-1.1752+0.9858i	5.1642-1.9979i
53.6	-1.1906+0.2763i	-11.0119+2.3191i	-2.5466-0.7143i	-0.9275+0.7577i	-1.2087-0.1820i	-2.1827-1.7791i	-1.0994+0.7907i	4.8706-1.4924i
53.7	-1.0917+0.4603i	-9.7165+0.3734i	-2.8214-0.6425i	-1.4300+0.7430i	-2.1898-0.9004i	-2.1547-1.5971i	-1.6558+0.7674i	6.4939-1.5557i
53.8	-0.9116+0.4295i	-11.7800-0.8028i	-2.8229-0.3650i	-1.5544+1.2458i	-3.0934+0.2582i	-1.9968-1.6346i	-1.7543+1.2405i	6.6885-3.0567i
53.9	-0.8883+0.5302i	-10.1996-2.7501i	-2.9991-0.0942i	-1.7514+1.7235i	-3.3888+1.3390i	-2.0170-1.7100i	-1.9233+1.7820i	7.3171-4.5357i
54.0	-0.9228+0.5112i	-11.4803-2.7765i	-2.7664+0.0149i	-1.2991+1.8416i	-2.1964+1.7068i	-2.1509-1.6606i	-1.4419+1.9438i	6.2726-4.8829i
54.1	-1.0468+0.6982i	-11.6976-3.3020i	-2.7047+0.0036i	-1.1970+1.6230i	-1.4287+0.8837i	-2.1408-1.4558i	-1.3454+1.7426i	5.6763-4.3540i
54.2	-0.7879+1.1063i	-12.4367-4.4913i	-2.8288+0.0744i	-1.6524+1.7167i	-2.7558+0.2047i	-1.8603-1.4597i	-1.8069+1.7922i	6.9704-4.1180i
54.3	-0.2123+1.1248i	-13.0731-4.5459i	-2.8520+0.3959i	-1.7525+2.5534i	-3.5767+2.3510i	-1.7960-1.8566i	-1.9318+2.6577i	7.3818-6.4989i
54.4	0.0699+1.0447i	-12.9372-5.4784i	-2.8291+0.6220i	-1.5206+3.0653i	-2.9703+3.3214i	-1.9767-2.0342i	-1.7274+3.1431i	6.9438-7.6904i
54.5	0.3688+0.8978i	-12.8967-7.0619i	-2.7353+0.9003i	-1.1610+3.5884i	-2.2084+4.1307i	-2.2019-2.1497i	-1.3860+3.6516i	6.3789-8.8723i
54.6	0.5011+0.6289i	-13.8901-7.5178i	-2.4436+0.9876i	-0.5203+3.6536i	-1.0208+3.9169i	-2.4557-2.0914i	-0.7487+3.7922i	5.0985-8.6752i
54.7	0.5503+0.3468i	-16.5010-8.3716i	-2.1688+0.9385i	-0.0360+3.3710i	-0.9111+2.9302i	-2.5424-1.8565i	-0.2299+3.5088i	4.6845-8.1046i
54.8	0.7230+0.2284i	-17.7476-8.2266i	-2.2570+1.0882i	-0.2993+3.7288i	-2.1908+4.4927i	-2.3766-1.9652i	-0.4739+3.8496i	5.5451-9.9932i
54.9	0.8500-0.0100i	-19.5955-7.8038i	-2.0424+1.2347i	0.1342+4.1291i	-1.0874+5.9376i	-2.5091-2.1460i	-0.0535+4.2257i	4.2799-11.1530i
55.0	0.8168-0.3102i	-19.5175-6.8198i	-1.8381+1.1654i	0.7351+4.0347i	0.6110+5.8087i	-2.7955-2.1224i	0.5198+4.1718i	3.0600-10.7939i
55.1	0.6826-0.5887i	-20.7258-6.6150i	-1.6113+1.0378i	1.2660+3.6705i	1.9308+4.9777i	-2.9981-1.9355i	1.0262+3.7932i	2.1753-10.2343i
55.2	0.4768-0.8393i	-23.0581-6.2705i	-1.4044+0.9558i	1.6747+3.4437i	2.6437+4.4666i	-3.0856-1.8130i	1.5107+3.5794i	1.0232-10.2688i
55.3	0.2204-0.9477i	-23.4654-5.6615i	-1.3299+0.8503i	1.9204+3.1379i	3.2339+3.8297i	-3.1989-1.6721i	1.7488+3.2821i	0.3918-9.7720i
55.4	0.0004-0.7708i	-23.6050-6.0674i	-1.4205+0.7858i	1.7705+2.8690i	3.0973+3.0177i	-3.1792-1.5188i	1.5646+3.0337i	0.7167-9.3412i
55.5	0.2738-0.5885i	-24.2408-4.7791i	-1.5276+0.9004i	1.5647+3.2591i	2.6106+3.8234i	-3.1341-1.6823i	1.3437+3.4479i	1.4672-9.8987i
55.6	0.4004-0.9299i	-25.2337-4.3899i	-1.2787+1.0195i	2.2492+3.5216i	4.0223+4.3910i	-3.3742-1.7730i	1.9824+3.6040i	0.1835-10.6065i
55.7	0.2884-1.1665i	-26.0316-3.7681i	-1.1258+0.9581i	2.7519+3.1832i	5.0093+3.4086i	-3.5951-1.5742i	2.4311+3.3285i	-0.6747-10.2256i
55.8	0.1421-1.3035i	-26.5569-3.3110i	-1.0010+0.8715i	3.0692+2.8249i	5.5103+2.5861i	-3.7271-1.3863i	2.8149+3.0655i	-1.1611-9.6830i
55.9	-0.0773-1.3711i	-27.3170-2.6786i	-0.9816+0.7474i	3.1075+2.3894i	5.3930+1.4761i	-3.7436-1.1728i	2.8626+2.5440i	-1.1803-9.0581i
56.0	-0.1917-1.3357i	-26.9061-1.6370i	-1.1451+0.7428i	2.7253+2.3075i	4.3559+1.3275i	-3.6234-1.0941i	2.4640+2.5029i	-0.0253-9.1132i

56.1	-0.1809-1.3795i	-26.5368-1.0160i	-1.1823+0.9260i	2.7347+2.7492i	4.3808+2.6325i	-3.6507-1.1966i	2.5080+3.0002i	0.1524-10.6610i
56.2	-0.3343-1.5751i	-27.6968-0.2458i	-0.8901+0.8660i	3.5001+2.4831i	6.0492+1.9250i	-3.9246-1.0616i	3.2588+2.6895i	-1.6193-10.5736i
56.3	-0.4871-1.6159i	-27.7992+0.8934i	-0.7826+0.7959i	3.7960+2.1958i	6.6448+1.2985i	-4.0480-0.9258i	3.4239+2.4059i	-2.1416-10.1355i
56.4	-0.7590-1.6448i	-27.9483+1.9070i	-0.7545+0.7162i	3.8778+1.7447i	6.6128+0.1542i	-4.0882-0.6353i	3.6774+2.0922i	-2.4875-9.7363i
56.5	-0.9054-1.6485i	-27.3599+2.3989i	-0.7275+0.6528i	4.0275+1.4182i	7.0089-0.6462i	-4.1856-0.4315i	3.9168+1.6293i	-2.4795-9.6596i
56.6	-0.9785-1.5606i	-27.4080+3.0079i	-0.6768+0.6023i	4.0138+1.2181i	6.8007-0.9141i	-4.1075-0.3295i	3.8011+1.4673i	-2.6484-9.3936i
56.7	-1.1831-1.5180i	-27.5460+4.0631i	-0.6368+0.5045i	3.9679+0.8202i	6.3237-1.6709i	-4.0177-0.1230i	3.6907+1.0842i	-2.9389-9.0078i
56.8	-1.3120-1.4758i	-27.2569+4.0172i	-0.5740+0.4680i	4.0882+0.5743i	6.3736-2.2021i	-4.0419+0.0288i	3.8486+0.9938i	-3.3066-9.0365i
56.9	-1.4801-1.3936i	-26.6348+5.5678i	-0.5990+0.3757i	4.0530+0.1493i	6.3182-3.1299i	-4.0308+0.2809i	3.7970+0.5348i	-3.2063-8.9798i
57.0	-1.7130-1.1920i	-25.9802+5.3236i	-0.6875+0.2754i	3.6965-0.2676i	5.2347-4.0570i	-3.8158+0.5113i	3.4965+0.1689i	-3.1952-8.8584i
57.1	-1.8111-0.9561i	-24.5623+5.6142i	-0.8437+0.3739i	3.3091-0.1206i	4.2161-3.4208i	-3.6818+0.5136i	3.1493+0.3840i	-2.7392-10.0223i
57.2	-1.6520-0.9341i	-25.0204+6.3656i	-0.6969+0.5807i	3.7033+0.4261i	5.7020-1.4492i	-3.8106+0.3192i	3.5254+0.9414i	-3.7477-11.1865i
57.3	-1.7306-0.9547i	-24.5307+6.6333i	-0.5507+0.4928i	4.0009+0.1061i	6.5429-2.5381i	-3.8498+0.4556i	3.8395+0.6111i	-4.8696-10.6734i
57.4	-1.8219-0.8754i	-24.0993+6.0626i	-0.4707+0.3784i	4.1598-0.3415i	6.9471-3.8051i	-3.9009+0.6388i	4.0366+0.1368i	-5.5699-10.0307i
57.5	-1.8561-0.7738i	-23.7471+6.3780i	-0.4668+0.3288i	4.1579-0.5793i	6.8687-4.3732i	-3.9236+0.7556i	4.0109-0.0822i	-5.7890-9.6794i
57.6	-1.8981-0.6174i	-23.0304+5.9113i	-0.4793+0.3293i	4.0608-0.7420i	6.4252-4.8658i	-3.8846+0.8587i	3.9315-0.2121i	-6.2046-9.5221i
57.7	-1.9043-0.5154i	-22.0692+5.9665i	-0.4698+0.3313i	3.9926-0.8683i	6.1336-5.2086i	-3.8301+0.9514i	3.8639-0.3673i	-6.4322-9.3817i
57.8	-1.9220-0.4467i	-20.1842+6.1334i	-0.4807+0.3272i	3.7783-0.9552i	5.4370-5.7563i	-3.6725+1.0207i	3.7179-0.4174i	-6.6291-9.3798i
57.9	-1.9163-0.4574i	-20.7344+6.9242i	-0.4094+0.2925i	3.9663-1.1812i	5.6679-6.1235i	-3.7864+1.1627i	3.8049-0.7349i	-6.9697-9.1374i
58.0	-1.9673-0.3034i	-20.5359+6.0059i	-0.3505+0.2887i	3.8834-1.3909i	5.1580-6.4150i	-3.6677+1.3308i	3.7476-0.8573i	-7.4549-8.5746i
58.1	-1.9890-0.1767i	-20.4201+5.1606i	-0.2898+0.2148i	3.8130-1.6594i	4.6513-6.9062i	-3.5480+1.4776i	3.7490-1.1010i	-7.9528-8.0546i
58.2	-2.0549-0.0804i	-19.7781+5.4657i	-0.2482+0.1712i	3.8011-1.7494i	4.3322-6.9397i	-3.5094+1.5080i	3.8845-1.1448i	-8.1290-7.8012i
58.3	-2.1334+0.1526i	-20.0552+6.0886i	-0.2160+0.0624i	3.7817-2.1065i	4.2524-7.2487i	-3.4806+1.6886i	3.9261-1.5811i	-8.2035-7.3728i
58.4	-1.9922+0.3824i	-19.0285+6.1685i	-0.2156+0.0054i	3.6352-2.3171i	3.9695-7.4955i	-3.3812+1.8184i	3.6897-1.8778i	-8.2043-7.0830i
58.5	-1.7208+0.4462i	-18.3682+5.3483i	-0.1856-0.0062i	3.5998-2.3124i	3.7304-7.2957i	-3.3103+1.8602i	3.5059-1.8623i	-8.4985-7.2584i
58.6	-1.6311+0.3685i	-17.7155+4.0998i	-0.1154-0.0410i	3.8076-2.5295i	4.1998-7.6375i	-3.3635+1.9843i	3.7564-1.9850i	-9.3424-7.1231i
58.7	-1.5996+0.5147i	-13.7964+4.8812i	-0.1672-0.1446i	3.4234-2.8475i	3.4431-8.2534i	-3.1003+2.1024i	3.4925-2.3538i	-9.4044-6.1905i
58.8	-1.4842+0.4969i	-15.2762+5.5589i	-0.2063-0.2497i	3.1369-3.0474i	2.9305-8.2585i	-2.9217+2.1528i	3.1655-2.5807i	-9.1743-5.3942i
58.9	-1.4406+0.4690i	-15.4426+4.9134i	-0.2220-0.3285i	2.9593-3.2723i	2.6067-8.5470i	-2.8092+2.2558i	3.0607-2.7565i	-9.1760-4.8769i
59.0	-1.3623+0.4799i	-12.9367+3.6459i	-0.2273-0.4037i	2.7616-3.5198i	2.3167-8.8848i	-2.6658+2.3805i	2.9505-2.9730i	-9.1626-4.4146i
59.1	-1.3078+0.4446i	-11.0337+4.0325i	-0.2820-0.4512i	2.4102-3.6121i	1.8675-8.9626i	-2.4468+2.4052i	2.5258-3.0459i	-8.8081-3.9838i
59.2	-1.3356+0.3794i	-11.5032+1.8202i	-0.2716-0.5051i	2.2320-3.7158i	1.3423-9.0116i	-2.2874+2.4325i	2.4140-3.2166i	-8.7294-3.5588i
59.3	-1.3031+0.3509i	-10.4829-3.2546i	-0.2499-0.5569i	2.1706-3.7918i	1.1836-8.9644i	-2.2089+2.4322i	2.3590-3.2810i	-8.6966-3.2812i
59.4	-1.2944+0.3566i	-7.2249-6.1008i	-0.2658-0.6070i	2.0055-3.8059i	1.0700-9.0338i	-2.0918+2.3925i	2.1944-3.2870i	-8.3493-3.2781i
59.5	-1.2562+0.3333i	-7.8596-10.8017i	-0.2836-0.6936i	1.8323-3.9761i	0.8635-9.1812i	-1.9741+2.4227i	1.9865-3.5090i	-8.2113-3.0631i
59.6	-1.3207+0.3278i	-11.9619-13.7136i	-0.3333-0.7834i	1.5729-4.1511i	0.4050-9.4515i	-1.8295+2.4789i	1.7327-3.6832i	-8.2439-2.6723i
59.7	-1.3776+0.3258i	-14.7781-15.6926i	-0.4034-0.8793i	1.2362-4.2434i	-0.0710-9.6742i	-1.6501+2.4673i	1.4392-3.7648i	-7.9622-2.4367i
59.8	-1.3796+0.3332i	-18.3505-19.5118i	-0.5122-0.9745i	0.9153-4.3966i	-0.4146-10.0431i	-1.5225+2.4809i	1.1829-3.8793i	-7.8039-2.4156i
59.9	-1.3499+0.3307i	-20.7222-21.1879i	-0.5646-0.9833i	0.7439-4.3172i	-0.6949-9.8905i	-1.4635+2.3953i	1.0609-3.8214i	-7.7301-2.5114i
60.0	-1.3659+0.3261i	-23.3948-21.0715i	-0.6616-0.9772i	0.4808-4.2609i	-1.0373-9.7728i	-1.3654+2.3381i	0.7130-3.8116i	-7.5045-2.4129i
60.1	-1.4191+0.3309i	-26.6696-20.2579i	-0.7555-1.0130i	0.1494-4.2715i	-1.5213-9.7402i	-1.2203+2.3154i	0.3747-3.8186i	-7.4194-2.2109i
60.2	-1.4871+0.3770i	-30.9061-20.2796i	-0.8647-1.0516i	-0.1908-4.2349i	-2.1528-9.6763i	-1.0678+2.2633i	0.1225-3.8568i	-7.3655-2.0099i
60.3	-1.5369+0.3520i	-32.7597-20.0608i	-0.9212-1.0374i	-0.2823-4.1172i	-2.2387-9.4904i	-1.0594+2.1838i	0.0255-3.6243i	-7.3279-2.1666i
60.4	-1.6233+0.4062i	-35.4792-18.7288i	-1.0053-1.0158i	-0.5882-3.9917i	-2.8171-9.3287i	-0.9255+2.1323i	-0.2649-3.4807i	-7.3568-1.8749i
60.5	-1.7048+0.4108i	-37.4452-18.3719i	-1.0581-0.9873i	-0.8113-3.8726i	-2.9849-9.2817i	-0.8411+2.0680i	-0.5206-3.4309i	-7.2759-1.9026i
60.6	-1.7797+0.4682i	-38.3767-17.8119i	-1.0975-0.9503i	-0.8638-3.6782i	-3.0157-9.1006i	-0.8448+1.9588i	-0.5355-3.2732i	-7.2549-1.9688i
60.7	-1.9563+0.6097i	-40.2631-17.0666i	-1.1263-0.9436i	-0.9730-3.5331i	-3.2803-9.0420i	-0.7956+1.8821i	-0.7028-3.2495i	-7.2554-1.8794i
60.8	-2.0574+0.8430i	-42.3362-16.2660i	-1.1057-0.9341i	-0.9675-3.5244i	-3.3023-8.9441i	-0.7872+1.8836i	-0.7225-3.1784i	-7.1804-1.6097i
60.9	-1.9905+1.1385i	-43.5070-14.6810i	-1.1434-0.9204i	-0.9910-3.3987i	-3.4976-8.6166i	-0.8131+1.8030i	-0.7087-2.9729i	-7.0043-1.5146i
61.0	-1.8762+1.3813i	-45.5454-13.1633i	-1.2096-0.9515i	-1.2378-3.3942i	-3.8376-8.6201i	-0.7073+1.7892i	-0.9361-2.9151i	-6.6908-1.3232i
61.1	-1.7031+1.5985i	-47.1950-12.5895i	-1.2624-0.9824i	-1.3601-3.4112i	-4.1428-8.5219i	-0.6578+1.7734i	-1.0722-3.0082i	-6.6327-1.2013i
61.2	-1.4467+1.7138i	-48.9348-10.1608i	-1.3669-0.9589i	-1.6391-3.2374i	-4.4476-8.2362i	-0.5539+1.6945i	-1.3041-2.9501i	-6.3992-1.0466i
61.3	-1.2690+1.7118i	-49.9605-8.4841i	-1.4332-0.9335i	-1.8113-3.1059i	-4.4817-8.0048i	-0.5131+1.6187i	-1.4790-2.8219i	-6.1729-0.9948i
61.4	-1.0762+1.7599i	-51.8300-6.7207i	-1.5387-0.9235i	-2.1212-2.9696i	-4.7508-7.9616i	-0.4166+1.5646i	-1.8541-2.6281i	-5.9896-0.9630i
61.5	-0.9719+1.7382i	-51.8696-5.3892i	-1.5788-0.8809i	-2.1925-2.7901i	-4.8328-7.8961i	-0.3997+1.4960i	-1.8950-2.3095i	-5.8691-1.1130i
61.6	-0.8942+1.6684i	-52.1865-4.1932i	-1.5882-0.8117i	-2.1248-2.6308i	-4.6962-7.6584i	-0.4591+1.4412i	-1.8886-2.1498i	-5.8141-1.2694i
61.7	-0.8020+1.6932i	-54.7540-3.0180i	-1.6453-0.7889i	-2.3239-2.5110i	-4.8862-7.5108i	-0.3901+1.4094i	-2.0150-2.1373i	-5.7573-1.1051i
61.8	-0.7349+1.6945i	-56.3012-2.3705i	-1.6609-0.7683i	-2.4813-2.4378i	-4.9778-7.3669i	-0.3261+1.3823i	-2.1938-2.0197i	-5.6598-0.9802i
61.9	-0.6269+1.6981i	-56.7818+0.0881i	-1.7132-0.7045i	-2.5978-2.1906i	-5.0611-7.3368i	-0.2939+1.3045i	-2.3232-1.7208i	-5.5165-1.0970i
62.0	-0.5367+1.7185i	-57.9224+2.4630i	-1.7461-0.6556i	-2.7046-1.9291i	-5.0341-7.4005i	-0.2598+1.2407i	-2.4254-1.5326i	-5.3547-1.2461i
62.1	-0.4179+1.6897i	-59.1892+4.4534i	-1.7552-0.5762i	-2.7811-1.6748i	-5.0793-7.0653i	-0.2094+1.1469i	-2.4313-1.3370i	-5.1072-1.1963i
62.2	-0.3531+1.6793i	-58.9996+4.5565i	-1.7274-0.5461i	-2.7367-1.6172i	-5.0189-6.9300i	-0.2298+1.1323i	-2.3556-1.3263i	-5.1893-1.2203i
62.3	-0.2746+1.6817i	-60.1012+6.9473i	-1.7456-0.5349i	-2.8571-1.4383i	-5.0838-7.1375i	-0.1878+1.0869i	-2.5053-1.0937i	-5.1753-1.3463i

62.4	-0.1432+1.5961i	-58.8799+10.5664i	-1.7341-0.4486i	-2.7873-1.0386i	-5.1679-7.0226i	-0.1804+0.9259i	-2.4949-0.6658i	-4.9755-1.5703i
62.5	0.0032+1.5493i	-58.5027+14.3363i	-1.7425-0.3838i	-2.8103-0.6603i	-5.5097-7.0944i	-0.1195+0.8065i	-2.5226-0.3223i	-4.8302-1.6827i
62.6	0.0579+1.5303i	-58.0938+14.4761i	-1.7192-0.3814i	-2.7300-0.5716i	-5.4902-7.2090i	-0.1429+0.7763i	-2.4007-0.1817i	-4.9498-1.8528i
62.7	0.1280+1.4829i	-57.2202+18.8515i	-1.7019-0.3625i	-2.6737-0.2621i	-5.5356-7.3107i	-0.1478+0.6618i	-2.4527+0.1311i	-4.7655-2.1130i
62.8	0.1982+1.4236i	-54.9735+22.0230i	-1.6821-0.3305i	-2.4978+0.0436i	-5.8021-7.3271i	-0.1892+0.5487i	-2.2367+0.4250i	-4.8319-2.3504i
62.9	0.2552+1.3815i	-53.5101+23.8094i	-1.6743-0.3181i	-2.3181+0.2304i	-6.0935-7.3538i	-0.2246+0.4440i	-1.9723+0.6451i	-4.9027-2.5579i
63.0	0.3402+1.2849i	-50.6432+25.9666i	-1.6400-0.2874i	-2.0234+0.4013i	-6.3527-7.2098i	-0.2902+0.3404i	-1.6724+0.8068i	-5.0035-2.7389i
63.1	0.3759+1.2439i	-48.9368+26.4835i	-1.6176-0.2962i	-1.8692+0.4617i	-6.3531-7.2865i	-0.3413+0.3171i	-1.5222+0.8363i	-5.1118-2.8348i
63.2	0.4077+1.1969i	-47.3597+27.0972i	-1.6065-0.3213i	-1.7136+0.5734i	-6.5875-7.3315i	-0.3892+0.2405i	-1.3627+0.9909i	-5.2282-2.9795i
63.3	0.4535+1.1212i	-46.2067+27.9644i	-1.6107-0.3338i	-1.5253+0.6536i	-6.7614-7.2028i	-0.4553+0.1801i	-1.1287+1.0672i	-5.2615-3.0078i
63.4	0.4956+1.0482i	-42.5129+28.0883i	-1.6088-0.3373i	-1.2628+0.6441i	-7.0725-7.1458i	-0.5499+0.1441i	-0.8560+1.0363i	-5.4857-3.1827i
63.5	0.5443+1.0029i	-40.9281+27.8859i	-1.6179-0.3545i	-1.0758+0.6070i	-7.3622-7.1342i	-0.6055+0.1383i	-0.7230+1.0161i	-5.6316-3.1872i
63.6	0.5971+0.9530i	-40.8991+27.8261i	-1.6464-0.3869i	-0.9397+0.6642i	-7.6247-7.1570i	-0.6560+0.0919i	-0.5213+1.0736i	-5.8095-3.1045i
63.7	0.5912+0.9100i	-39.2459+26.6102i	-1.6589-0.4053i	-0.7451+0.5129i	-7.7436-6.8901i	-0.7698+0.1135i	-0.2612+0.9425i	-6.0467-3.1586i
63.8	0.6015+0.8581i	-38.1822+26.1813i	-1.6597-0.4227i	-0.5949+0.4319i	-7.8828-6.6164i	-0.8432+0.1035i	0.0209+0.8804i	-6.2252-3.1447i
63.9	0.6243+0.8810i	-36.4066+24.9552i	-1.6993-0.4794i	-0.5492+0.2358i	-7.9994-6.6746i	-0.9050+0.1343i	-0.0087+0.6292i	-6.5065-3.1815i
64.0	0.6680+0.8396i	-35.4198+24.1803i	-1.7352-0.4863i	-0.4287+0.0571i	-8.2132-6.5188i	-0.9546+0.1580i	0.0196+0.3910i	-6.6036-3.1229i
64.1	0.7888+0.7670i	-35.2847+23.0280i	-1.7886-0.4534i	-0.4087-0.0535i	-8.5314-6.2058i	-0.9836+0.1802i	0.0456+0.2017i	-6.8277-2.9866i
64.2	0.8532+0.6953i	-36.2008+22.1247i	-1.8366-0.4392i	-0.4931-0.1359i	-8.6649-5.9948i	-1.0056+0.2068i	0.0253+0.2366i	-6.9325-2.8289i
64.3	0.9531+0.6070i	-35.2109+21.0439i	-1.8824-0.4467i	-0.5816-0.1847i	-8.9184-5.9892i	-1.0091+0.2084i	0.0136+0.1240i	-7.0904-2.7936i
64.4	0.9881+0.5001i	-34.5070+20.4501i	-1.9293-0.4316i	-0.6474-0.2140i	-8.9661-5.9748i	-1.0346+0.2235i	-0.0592+0.0798i	-7.1610-2.6838i
64.5	0.9954+0.3821i	-34.5822+19.3477i	-1.9599-0.3923i	-0.6267-0.1868i	-9.0656-5.7037i	-1.0997+0.2222i	-0.0784+0.0802i	-7.3042-2.4908i
64.6	0.9585+0.2914i	-35.0861+17.8319i	-1.9652-0.3750i	-0.5904-0.2652i	-9.0589-5.4359i	-1.1548+0.2451i	-0.0903+0.0142i	-7.3989-2.3442i
64.7	0.9842+0.2005i	-35.3214+17.6336i	-2.0152-0.3795i	-0.6568-0.3069i	-9.2309-5.4730i	-1.1736+0.2734i	-0.1928-0.0035i	-7.4232-2.1944i
64.8	1.0035+0.1158i	-35.6706+16.9535i	-2.0655-0.3625i	-0.7401-0.2741i	-9.4869-5.4639i	-1.1910+0.2997i	-0.2075+0.0261i	-7.5008-2.0644i
64.9	1.0180+0.0145i	-36.6530+16.1521i	-2.1032-0.3262i	-0.7722-0.2019i	-9.6945-5.3110i	-1.2045+0.3078i	-0.2486+0.0163i	-7.4307-1.9812i
65.0	0.9940-0.0831i	-37.3945+16.1222i	-2.1293-0.2914i	-0.7374-0.1531i	-9.7307-5.1273i	-1.2440+0.3227i	-0.2141+0.0841i	-7.3606-1.8876i
65.1	0.9864-0.1502i	-37.1874+15.6756i	-2.1458-0.2887i	-0.7231-0.1112i	-9.8796-5.1198i	-1.2504+0.3307i	-0.1901+0.2205i	-7.3768-1.8860i
65.2	0.9871-0.2231i	-38.1812+14.9036i	-2.1599-0.2813i	-0.7803-0.1247i	-10.1365-5.0825i	-1.2163+0.3417i	-0.2590+0.2118i	-7.2842-1.9195i
65.3	0.9299-0.3460i	-40.3109+14.5524i	-2.1714-0.2126i	-0.7535-0.1477i	-10.2948-4.6899i	-1.2362+0.3868i	-0.2270+0.1054i	-7.1659-1.8455i
65.4	0.8913-0.4583i	-40.9637+14.4538i	-2.1877-0.1815i	-0.7218-0.1159i	-10.4517-4.4048i	-1.2703+0.3975i	-0.1038+0.1302i	-7.1759-1.8174i
65.5	0.9107-0.5212i	-41.8970+13.9179i	-2.2214-0.1865i	-0.7897-0.1139i	-10.6680-4.2748i	-1.2936+0.4150i	-0.1381+0.1750i	-7.2898-1.8380i
65.6	0.9052-0.6426i	-43.0029+14.1670i	-2.2562-0.1966i	-0.8233-0.0397i	-10.8151-4.1388i	-1.3049+0.4326i	-0.2264+0.3074i	-7.3489-1.8608i
65.7	0.8589-0.7020i	-42.6882+14.7297i	-2.2453-0.2072i	-0.8426+0.0192i	-10.7108-4.0815i	-1.2803+0.4732i	-0.2956+0.2977i	-7.3285-1.7540i
65.8	0.8277-0.7859i	-43.3699+14.6401i	-2.2622-0.1873i	-0.8155+0.0392i	-10.7473-3.9457i	-1.2763+0.5008i	-0.2691+0.3616i	-7.3323-1.7953i
65.9	0.7698-0.8699i	-44.7348+14.8271i	-2.2892-0.1965i	-0.7743+0.0935i	-10.8224-3.8330i	-1.2769+0.4860i	-0.2106+0.3673i	-7.3575-1.8923i
66.0	0.6884-0.9871i	-46.6112+14.5838i	-2.3425-0.1807i	-0.7314+0.1153i	-10.9604-3.6171i	-1.2728+0.4895i	-0.1220+0.3317i	-7.3622-1.8730i
66.1	0.6261-1.0841i	-46.5804+15.0491i	-2.3834-0.1479i	-0.7001+0.1307i	-11.1444-3.4011i	-1.2682+0.5339i	-0.1214+0.3462i	-7.5004-1.8635i
66.2	0.5846-1.2030i	-47.1664+15.2818i	-2.4602-0.1691i	-0.6747+0.1637i	-11.4129-3.4170i	-1.2637+0.5553i	-0.0425+0.3828i	-7.6367-1.9020i
66.3	0.4230-1.2973i	-49.1251+15.3257i	-2.5145-0.1427i	-0.5891+0.2031i	-11.5105-3.0075i	-1.2426+0.5385i	0.0254+0.3354i	-7.6149-1.8183i
66.4	0.2865-1.3592i	-50.6713+16.9643i	-2.5479-0.0624i	-0.5048+0.2036i	-11.5922-2.5874i	-1.2135+0.5325i	0.1338+0.3842i	-7.5990-1.7716i
66.5	0.1807-1.3971i	-52.1168+17.4112i	-2.5907-0.0303i	-0.4395+0.1763i	-11.7005-2.4894i	-1.2324+0.5205i	0.2473+0.2779i	-7.7031-1.9263i
66.6	0.0099-1.4836i	-54.5770+18.0876i	-2.6884+0.0380i	-0.3743+0.2202i	-11.9388-2.1569i	-1.2348+0.4944i	0.2737+0.3582i	-7.8522-1.9786i
66.7	-0.0696-1.5708i	-54.9280+18.4783i	-2.7242+0.0482i	-0.3970+0.2784i	-11.9959-2.0751i	-1.1892+0.4990i	0.2369+0.4351i	-7.9547-1.9135i
66.8	-0.1100-1.5326i	-54.0862+19.6451i	-2.6951+0.0908i	-0.3632+0.1763i	-11.8680-1.9835i	-1.2081+0.5307i	0.3023+0.2826i	-8.2357-1.9569i
66.9	-0.3153-1.5731i	-55.9797+21.4842i	-2.7843+0.1838i	-0.2581+0.1687i	-11.9896-1.6282i	-1.2354+0.4905i	0.3553+0.2501i	-8.3298-1.9200i
67.0	-0.4495-1.6495i	-58.6959+21.8287i	-2.8679+0.1977i	-0.2594+0.2040i	-12.1980-1.6147i	-1.2400+0.4435i	0.3402+0.3777i	-8.4181-2.0846i
67.1	-0.5962-1.6332i	-59.9773+24.0003i	-2.8852+0.2984i	-0.1952+0.1742i	-12.1706-1.3300i	-1.2349+0.4461i	0.5788+0.3399i	-8.3877-2.0451i
67.2	-0.7705-1.6199i	-62.0766+25.9270i	-2.9371+0.3776i	-0.0942+0.1498i	-12.3235-1.0926i	-1.2534+0.4031i	0.7037+0.1691i	-8.5177-2.0887i
67.3	-0.9332-1.6380i	-62.2642+25.7350i	-2.9904+0.4356i	-0.0504+0.1748i	-12.5925-0.9972i	-1.2610+0.3822i	0.6414+0.2692i	-8.8040-1.9629i
67.4	-1.0430-1.5917i	-63.5792+27.4396i	-2.9839+0.4876i	-0.0287+0.1628i	-12.5722-0.7902i	-1.2854+0.3681i	0.6653+0.3853i	-8.9048-1.8628i
67.5	-1.1947-1.5550i	-63.6311+28.8270i	-2.9691+0.5653i	0.0596+0.0845i	-12.6449-0.5432i	-1.2987+0.3307i	0.8666+0.2785i	-8.9759-1.8881i
67.6	-1.4049-1.5730i	-65.9196+28.8271i	-3.0818+0.6165i	0.1062+0.0065i	-13.0473-0.5220i	-1.3120+0.2737i	0.8725+0.1612i	-9.0338-2.0427i
67.7	-1.6014-1.4051i	-68.2654+33.4548i	-3.0960+0.7516i	0.1647-0.0623i	-13.1072-0.1112i	-1.3902+0.2389i	0.8542+0.0097i	-9.2055-2.1345i
67.8	-1.7503-1.2791i	-69.4167+35.7597i	-3.0902+0.8452i	0.2072-0.1302i	-13.2915+0.1942i	-1.4414+0.2208i	0.8960-0.0433i	-9.5092-2.0347i
67.9	-1.9570-1.0949i	-71.4705+39.5815i	-3.1421+0.9926i	0.2738-0.2627i	-13.6004+0.6104i	-1.5407+0.1961i	1.0128-0.1686i	-9.8482-2.0810i
68.0	-2.0708-1.0299i	-70.9855+39.5652i	-3.1932+0.9632i	0.2438-0.2999i	-13.6270+0.6737i	-1.5441+0.2051i	0.9982-0.2478i	-9.7856-1.9609i
68.1	-2.1517-0.9341i	-70.9838+41.1834i	-3.2139+0.9983i	0.2365-0.3763i	-13.8085+0.8169i	-1.5626+0.1978i	0.8877-0.3170i	-9.9371-1.9314i
68.2	-2.1263-0.7783i	-69.2417+42.7628i	-3.1303+1.0321i	0.1704-0.4590i	-13.5166+0.9856i	-1.5651+0.2412i	0.8624-0.3705i	-9.8921-1.6986i
68.3	-2.3120-0.3892i	-73.4126+47.9575i	-3.1647+1.2844i	0.1616-0.5981i	-13.8716+1.8310i	-1.6845+0.1486i	0.9790-0.5894i	-10.2127-2.0036i
68.4	-2.2804-0.0727i	-74.3418+53.5007i	-3.0842+1.4532i	0.0978-0.6833i	-13.8842+2.5107i	-1.7875+0.1322i	0.8863-0.6430i	-10.6845-2.1494i
68.5	-2.3379+0.0620i	-74.4769+54.6903i	-3.1071+1.5654i	0.0856-0.7323i	-14.0920+2.9189i	-1.7686+0.1169i	0.7959-0.7396i	-10.7525-2.0598i
68.6	-2.3482+0.1260i	-73.5202+55.3159i	-3.1172+1.5969i	0.0404-0.7527i	-14.0538+3.1488i	-1.7433+0.1252i	0.7652-0.7777i	-10.6207-1.7261i

68.7	-2.2914+0.3090i	-73.5319+61.3027i	-3.1198+1.7062i	-0.0772-0.9116i	-14.3796+3.5883i	-1.9340+0.0855i	0.7150-0.9825i	-11.4753-2.1174i
68.8	-2.0209+0.5403i	-67.9516+68.2410i	-2.8918+1.8381i	-0.1373-0.9641i	-13.8090+4.2088i	-2.1202+0.1603i	0.6390-1.0605i	-12.0800-1.9039i
68.9	-1.9660+0.7172i	-69.7926+71.3832i	-2.8731+1.9668i	-0.2249-0.9955i	-13.6186+4.7281i	-2.2253+0.1512i	0.5872-1.0612i	-12.2586-1.8899i
69.0	-1.9651+0.8378i	-69.6918+72.0583i	-2.8915+2.0630i	-0.3430-1.0555i	-13.7749+5.2211i	-2.3584+0.1090i	0.5475-1.1168i	-12.7730-1.9642i
69.1	-1.9313+0.9878i	-69.0596+75.9856i	-2.8541+2.1879i	-0.4388-1.1063i	-13.8319+5.8466i	-2.5300+0.1314i	0.3955-1.1266i	-13.4247-1.8554i
69.2	-1.8100+1.1540i	-67.1568+80.0926i	-2.7320+2.2849i	-0.5223-1.1394i	-13.5160+6.4028i	-2.6274+0.2142i	0.3093-1.1806i	-13.8924-1.6113i
69.3	-1.6308+1.2655i	-65.2414+83.1715i	-2.6735+2.3267i	-0.7447-1.2188i	-13.3188+6.9678i	-2.8073+0.3351i	0.1191-1.4042i	-14.8735-1.1582i
69.4	-1.4979+1.3002i	-64.0547+85.4080i	-2.6544+2.3574i	-0.9444-1.1986i	-13.2336+7.1764i	-2.9281+0.4007i	-0.0188-1.4052i	-15.4714-0.7841i
69.5	-1.2300+1.2378i	-58.5299+90.2087i	-2.4741+2.3403i	-1.0522-1.0593i	-12.3805+7.2402i	-3.0441+0.5626i	-0.1622-1.2489i	-15.6041-0.1624i
69.6	-1.0596+1.1183i	-52.5803+90.3378i	-2.3021+2.2194i	-1.1116-0.8485i	-11.6531+7.0029i	-3.0830+0.6965i	-0.1970-1.0487i	-15.6368+0.1584i
69.7	-0.9415+1.2641i	-50.3356+96.9718i	-2.1519+2.3818i	-1.2407-0.7013i	-11.2594+7.7747i	-3.2333+0.8531i	-0.2856-0.9530i	-16.2481+0.7765i
69.8	-0.8076+1.2505i	-42.8564+98.4230i	-2.1063+2.3471i	-1.2977-0.6262i	-10.8932+7.9784i	-3.2936+1.1654i	-0.3675-0.9603i	-16.7348+1.8462i
69.9	-0.6192+1.4160i	-41.9781+105.5623i	-2.0275+2.4767i	-1.3893-0.4352i	-10.7270+8.4554i	-3.5219+1.2105i	-0.4509-0.7641i	-17.7205+1.9798i
70.0	-0.6348+1.3762i	-40.9257+103.6808i	-2.2017+2.4947i	-1.4593-0.3349i	-11.2043+8.4084i	-3.5542+1.3215i	-0.4602-0.5873i	-18.2354+2.2599i
70.1	-0.5863+1.3679i	-38.8459+103.0829i	-2.2567+2.5974i	-1.5339-0.2474i	-11.2931+8.8228i	-3.5665+1.5271i	-0.5918-0.6527i	-18.5798+3.2138i
70.2	-0.4342+1.2978i	-33.0749+104.1717i	-2.2802+2.6744i	-1.5303-0.1758i	-11.2177+9.3305i	-3.6961+1.9025i	-0.5991-0.5541i	-19.2658+4.6675i
70.3	-0.3719+1.2282i	-31.7745+102.8797i	-2.2671+2.7263i	-1.6238-0.0566i	-10.9130+9.3883i	-3.5388+2.0994i	-0.6368-0.3717i	-18.9185+5.3548i
70.4	-0.3047+1.1260i	-27.6971+102.7763i	-2.2536+2.7318i	-1.6219+0.1390i	-10.8444+9.1168i	-3.5120+2.2338i	-0.6374-0.1853i	-19.2512+5.7925i
70.5	-0.0546+1.1134i	-22.0088+109.9717i	-1.9970+3.0071i	-1.6042+0.5378i	-10.0477+10.1393i	-3.5542+2.6090i	-0.5753+0.0262i	-19.5863+7.6989i
70.6	0.1276+1.0258i	-16.7392+110.9354i	-1.7658+3.1061i	-1.4484+0.8862i	-9.3382+10.5332i	-3.4810+2.7691i	-0.5235+0.2509i	-19.4001+8.9349i
70.7	0.1651+0.8608i	-11.7871+108.3087i	-1.6926+3.1444i	-1.2321+1.1268i	-9.3893+10.4828i	-3.3952+2.9642i	-0.2837+0.5129i	-19.5264+9.9829i
70.8	0.3106+0.7959i	-10.3133+112.2283i	-1.5689+3.2802i	-1.0418+1.4187i	-9.4286+10.8159i	-3.5305+3.0824i	-0.0772+0.7943i	-20.2041+10.7217i
70.9	0.1350+0.6400i	-6.7726+103.2072i	-1.5296+3.2105i	-0.7908+1.3002i	-9.2501+10.5082i	-3.1282+3.1577i	0.1637+0.5644i	-18.7464+11.5925i
71.0	0.1341+0.4085i	-1.9974+100.5212i	-1.3975+3.1062i	-0.3584+1.2713i	-9.0398+10.4311i	-3.0895+3.3612i	0.5428+0.5459i	-18.3821+12.6896i
71.1	0.1807+0.3376i	-0.2044+100.5294i	-1.2180+3.1928i	-0.1669+1.3924i	-8.5864+11.1041i	-3.0209+3.5322i	0.7085+0.5825i	-17.8210+14.0230i
71.2	0.0965+0.1675i	5.6463+97.4915i	-1.0595+3.0997i	0.2740+1.1432i	-8.2734+11.2149i	-2.8440+3.8220i	1.0974+0.2765i	-16.7728+15.2470i
71.3	0.2040+0.0038i	10.6013+100.6266i	-0.8259+2.9845i	0.7063+1.0925i	-7.8010+11.3380i	-2.9455+4.0213i	1.5008+0.2181i	-16.6739+16.0240i
71.4	0.1371-0.0059i	10.2842+99.9964i	-0.6747+3.0644i	0.7936+0.9769i	-7.1888+12.1836i	-2.7256+4.2193i	1.5724-0.0447i	-15.3603+17.1910i
71.5	-0.0142-0.1533i	14.3542+97.0318i	-0.6652+3.0223i	1.0058+0.6320i	-7.0150+12.5583i	-2.5407+4.5981i	1.7912-0.4209i	-14.5199+18.5482i
71.6	0.0291-0.2654i	16.7211+100.5287i	-0.3907+3.0151i	1.3262+0.6165i	-6.0718+13.1175i	-2.4792+4.8103i	2.0043-0.4215i	-13.6095+19.5868i
71.7	-0.0279-0.3436i	19.0974+99.3439i	-0.2694+2.9122i	1.4652+0.3681i	-5.5321+13.2280i	-2.2957+4.9524i	2.0216-0.6460i	-12.5924+20.0478i
71.8	-0.2323-0.4201i	23.2014+94.7526i	-0.2301+2.7983i	1.5629-0.1479i	-5.0840+13.2651i	-1.9449+5.2596i	2.0269-1.2236i	-11.1669+20.8464i
71.9	-0.3170-0.4862i	27.0783+97.0986i	-0.0429+2.7216i	1.6515-0.4487i	-3.9997+13.6458i	-1.6023+5.4970i	1.9005-1.6458i	-9.4913+21.6441i
72.0	-0.4180-0.5079i	30.6253+94.9857i	0.0801+2.6079i	1.6647-0.6137i	-2.9867+13.6054i	-1.2314+5.5593i	1.8842-1.7346i	-7.7817+21.8628i
72.1	-0.6314-0.5005i	36.9563+90.7040i	0.1571+2.4802i	1.5854-1.0859i	-1.9604+13.4551i	-0.6784+5.7333i	1.8851-2.0611i	-5.6762+22.1592i
72.2	-0.7627-0.3816i	37.6512+87.0229i	0.2679+2.4410i	1.3576-1.2438i	-0.9192+13.3954i	-0.1364+5.6408i	1.5540-2.3194i	-3.5108+21.9234i
72.3	-0.8546-0.3756i	40.0270+84.6207i	0.3009+2.2978i	1.4142-1.6439i	-0.4985+13.1191i	0.1020+5.7547i	1.5052-2.6866i	-2.6403+21.8147i
72.4	-0.9805-0.3946i	44.0579+82.0077i	0.2789+2.0584i	1.3799-2.2447i	0.0657+12.4303i	0.4121+5.8625i	1.4892-3.2012i	-1.5461+21.2931i
72.5	-1.0598-0.3290i	44.6768+77.4118i	0.2552+1.8596i	1.0588-2.4428i	0.7096+11.4785i	0.7988+5.5782i	1.1454-3.4236i	-0.1471+19.9641i
72.6	-1.1139-0.2075i	44.3589+72.6179i	0.2103+1.7226i	0.6476-2.4655i	1.1296+10.5821i	1.1431+5.1911i	0.6128-3.3511i	0.9146+18.4814i
72.7	-1.1955-0.1492i	46.5556+69.5312i	0.1383+1.6001i	0.3592-2.6898i	1.2833+9.9773i	1.4110+5.0592i	0.3514-3.4509i	1.4657+17.7814i
72.8	-1.2089-0.1024i	47.7129+69.3420i	0.1343+1.5060i	0.2538-2.8644i	1.5581+9.7372i	1.5604+5.0070i	0.2434-3.6549i	1.9368+17.3195i
72.9	-1.2487-0.0310i	49.0672+66.5059i	0.0892+1.4239i	-0.0266-3.0857i	1.8095+9.3335i	1.8243+4.9300i	-0.1302-3.8107i	2.5893+16.8550i
73.0	-1.2040+0.0995i	48.3905+63.4210i	0.0044+1.4143i	-0.4196-2.9019i	1.8086+8.8568i	1.9728+4.5394i	-0.5006-3.5612i	2.9126+15.7821i
73.1	-1.2377+0.1544i	48.6165+62.1758i	-0.0859+1.3934i	-0.6512-2.9406i	1.7836+8.6041i	2.0926+4.4190i	-0.7302-3.4714i	3.0469+15.3624i
73.2	-1.2763+0.2073i	50.9759+59.2525i	-0.1061+1.2696i	-0.8969-3.1736i	2.1677+7.9119i	2.3686+4.3141i	-1.1012-3.7598i	3.7392+14.6244i
73.3	-1.3054+0.2699i	49.7908+55.8334i	-0.2780+1.2245i	-1.2978-3.1700i	1.7825+7.3403i	2.4886+4.0875i	-1.3665-3.7031i	3.6565+13.8053i
73.4	-1.2690+0.3871i	48.6928+51.0276i	-0.3909+1.2238i	-1.8001-2.9421i	1.6600+6.8257i	2.6914+3.6674i	-1.7848-3.5558i	3.9757+12.7446i
73.5	-1.2593+0.4319i	50.1019+49.4889i	-0.4235+1.1962i	-2.0111-2.9809i	1.7527+6.5214i	2.8174+3.5580i	-2.0451-3.5144i	4.1809+12.2712i
73.6	-1.3265+0.4795i	51.8757+49.2953i	-0.5521+1.2583i	-2.3096-3.0553i	1.5837+6.5640i	2.9671+3.5926i	-2.3203-3.6001i	4.1394+12.4778i
73.7	-1.2540+0.5179i	50.7321+47.7861i	-0.5729+1.2794i	-2.4189-2.8098i	1.4397+6.1932i	2.9161+3.3276i	-2.5017-3.3447i	3.9150+11.7392i
73.8	-1.1756+0.6130i	47.3541+43.2236i	-0.6283+1.3692i	-2.7228-2.2885i	1.0896+5.8350i	2.9284+2.8371i	-2.7993-2.8111i	3.8518+10.8388i
73.9	-1.1447+0.6893i	46.7533+39.8446i	-0.6601+1.3906i	-2.9938-2.0050i	1.0880+5.4400i	3.0382+2.4999i	-3.0320-2.5423i	4.1466+10.1129i
74.0	-1.1763+0.6573i	46.6793+38.4367i	-0.7772+1.3145i	-3.1732-2.1175i	0.7629+5.0162i	3.0536+2.4681i	-3.1839-2.5102i	3.8201+9.7503i
74.1	-1.1506+0.6854i	45.8054+36.4375i	-0.8198+1.4020i	-3.2928-1.7525i	0.4482+5.0209i	2.9923+2.2313i	-3.3462-2.2223i	3.6162+9.4846i
74.2	-1.1030+0.7576i	45.4101+33.5561i	-0.8090+1.4700i	-3.4453-1.3565i	0.3559+4.7599i	3.0177+1.8664i	-3.4680-1.8291i	3.7576+8.7839i
74.3	-1.0830+0.8136i	43.3715+32.4421i	-0.8296+1.5592i	-3.5252-1.0529i	0.1961+4.7804i	2.9873+1.6565i	-3.4714-1.4968i	3.7352+8.5142i
74.4	-1.0376+0.7957i	42.9636+30.8004i	-0.7931+1.5581i	-3.3938-0.8393i	0.1961+4.6596i	2.8425+1.5070i	-3.2924-1.2255i	3.6067+8.1715i
74.5	-1.0329+0.8275i	43.8442+29.1308i	-0.8092+1.5905i	-3.4591-0.6353i	0.0626+4.5597i	2.8445+1.3338i	-3.4146-1.0205i	3.6192+7.8797i
74.6	-1.0350+0.9336i	42.5401+28.6951i	-0.8790+1.7888i	-3.6266-0.3256i	-0.4086+5.0942i	2.8457+1.2258i	-3.5510-0.7809i	3.3928+8.1475i
74.7	-0.9624+0.9501i	40.5937+28.1368i	-0.7490+1.8414i	-3.3767-0.0652i	-0.1949+5.0898i	2.6911+1.0557i	-3.3998-0.5134i	3.4757+7.7590i
74.8	-0.9032+0.9418i	38.9579+26.2869i	-0.7298+1.7520i	-3.2852+0.0432i	-0.2996+4.7430i	2.5637+0.8661i	-3.2608-0.3931i	3.2432+7.0502i
74.9	-0.9357+1.0202i	38.3917+24.1170i	-0.8312+1.8239i	-3.4768+0.2056i	-0.7479+4.7536i	2.5840+0.7311i	-3.3711-0.2300i	2.9853+6.9781i

75.0	-0.9155+1.0536i	36.9400+22.6311i	-0.8249+1.8898i	-3.4618+0.3855i	-0.7762+4.7471i	2.5185+0.6107i	-3.4401-0.0661i	2.9403+6.8313i
75.1	-0.8297+1.0396i	36.5092+21.6196i	-0.6925+1.8941i	-3.2052+0.5375i	-0.5283+4.8633i	2.3709+0.5283i	-3.2536+0.0784i	2.9749+6.5956i
75.2	-0.8104+1.1062i	36.1564+21.9887i	-0.7084+2.0853i	-3.2283+0.7953i	-0.7508+5.5127i	2.3063+0.5017i	-3.2800+0.3124i	2.7334+7.0429i
75.3	-0.7813+1.1563i	34.3028+22.2298i	-0.7076+2.2121i	-3.1815+1.0134i	-0.9479+5.8347i	2.1931+0.4449i	-3.1605+0.5211i	2.4653+7.1661i
75.4	-0.7009+1.1692i	33.0404+20.7840i	-0.5311+2.1757i	-2.9417+1.1372i	-0.5127+5.6671i	2.0967+0.3032i	-2.8328+0.7272i	2.7561+6.6846i
75.5	-0.6462+1.2126i	33.0258+18.4686i	-0.4662+2.2198i	-2.8862+1.3142i	-0.2821+5.8381i	2.0445+0.1767i	-2.8466+0.9029i	2.8574+6.6135i
75.6	-0.6130+1.2352i	32.0145+18.0582i	-0.4722+2.2844i	-2.8337+1.3954i	-0.3504+6.1157i	1.9420+0.1888i	-2.9108+0.9467i	2.6421+6.7731i
75.7	-0.5219+1.2257i	29.7348+17.7733i	-0.3755+2.2854i	-2.6607+1.5111i	-0.1216+6.1078i	1.8166+0.1425i	-2.6650+1.0760i	2.5914+6.6273i
75.8	-0.5055+1.2283i	28.7895+18.0492i	-0.3911+2.2785i	-2.6466+1.5646i	-0.2634+5.9413i	1.7456+0.1100i	-2.5706+1.1282i	2.3259+6.5133i
75.9	-0.4608+1.1992i	28.6226+17.8242i	-0.3624+2.2520i	-2.5062+1.6221i	-0.3825+5.8187i	1.5941+0.0658i	-2.4082+1.2395i	2.0230+6.3499i
76.0	-0.4449+1.1983i	26.7029+16.9724i	-0.3138+2.2816i	-2.4226+1.6705i	-0.2188+5.8200i	1.5413+0.0576i	-2.4062+1.2039i	2.0133+6.3578i
76.1	-0.3746+1.2205i	25.9409+16.5398i	-0.2050+2.3277i	-2.3041+1.8430i	0.0564+5.8767i	1.4978-0.0247i	-2.2350+1.4399i	2.2101+6.3435i
76.2	-0.2876+1.2584i	25.6497+15.3572i	-0.0548+2.3745i	-2.1593+2.0311i	0.4086+5.9816i	1.4435-0.1063i	-2.1392+1.6178i	2.5213+6.3798i
76.3	-0.2160+1.2386i	25.1724+15.3478i	0.0794+2.3393i	-1.9785+2.0007i	0.8325+5.9875i	1.4035-0.0685i	-2.0711+1.5380i	2.7172+6.3848i
76.4	-0.1320+1.1745i	23.7957+15.9828i	0.1068+2.2117i	-1.8414+1.8961i	0.8291+5.6506i	1.2942-0.0296i	-1.9465+1.4460i	2.4778+6.1128i
76.5	-0.0852+1.1250i	23.3650+15.6605i	0.1530+2.2464i	-1.8043+1.9986i	0.9364+5.7815i	1.2832-0.0276i	-1.8767+1.4481i	2.5712+6.2854i
76.6	-0.0861+1.0904i	22.8034+15.7875i	0.2241+2.2449i	-1.6739+2.0522i	1.0484+5.7273i	1.2304-0.0377i	-1.7957+1.5333i	2.6438+6.2579i
76.7	-0.0635+1.0437i	20.8977+15.3021i	0.2810+2.1580i	-1.4486+2.0218i	1.1001+5.4255i	1.0952-0.0403i	-1.5833+1.6219i	2.5576+5.9659i
76.8	-0.0585+1.0029i	21.5820+15.4577i	0.2478+2.0576i	-1.4102+1.9157i	1.0224+5.1686i	1.0407-0.0310i	-1.5380+1.4987i	2.3518+5.7648i
76.9	-0.0036+0.9881i	20.4779+16.5183i	0.3661+2.0131i	-1.2909+1.9953i	1.3999+5.0342i	1.0230-0.0999i	-1.3567+1.6212i	2.7213+5.6639i
77.0	0.0484+0.9952i	19.0857+14.8642i	0.4727+2.0725i	-1.1568+2.1093i	1.6072+5.3166i	0.9756-0.0697i	-1.2652+1.6524i	2.9377+5.9836i
77.1	0.0676+0.9540i	17.9248+14.4391i	0.5081+1.9713i	-1.1113+2.0472i	1.7514+5.0851i	0.9827-0.0743i	-1.2071+1.5277i	3.0619+5.8474i
77.2	0.0760+0.8898i	17.4167+15.3218i	0.5239+1.8617i	-1.0690+1.9554i	1.9094+4.7301i	0.9747-0.0731i	-1.1605+1.5216i	3.1327+5.6374i
77.3	0.0571+0.8329i	16.6498+16.2138i	0.4080+1.7543i	-1.0931+1.8754i	1.5936+4.2794i	0.9144-0.0766i	-1.2484+1.5143i	2.7933+5.2872i
77.4	0.0520+0.8001i	16.4090+15.7337i	0.4541+1.7584i	-1.0527+1.8758i	1.8031+4.3862i	0.9648-0.0137i	-1.1855+1.4490i	3.0026+5.5411i
77.5	0.0641+0.7960i	16.0271+15.4841i	0.4855+1.7817i	-1.0354+1.9906i	1.8500+4.4562i	1.0066-0.0480i	-1.0730+1.6017i	3.1689+5.7026i
77.6	0.0675+0.7511i	14.0532+16.0848i	0.4850+1.6840i	-0.9341+2.0073i	1.8041+3.9734i	0.9504-0.1612i	-1.0593+1.6869i	3.2259+5.2261i
77.7	0.0370+0.7073i	13.0915+15.9633i	0.4296+1.6089i	-0.8648+1.9408i	1.5301+3.7051i	0.8713-0.1757i	-1.0580+1.6151i	3.0008+4.9970i
77.8	0.0319+0.7062i	13.9083+16.6681i	0.4132+1.6282i	-0.7943+2.0179i	1.3808+3.6825i	0.7994-0.2121i	-0.9799+1.6775i	2.9668+4.9829i
77.9	0.0323+0.7393i	13.2306+17.5026i	0.4999+1.7692i	-0.7502+2.1550i	1.5957+4.1376i	0.8524-0.1807i	-0.9154+1.7932i	3.3182+5.5029i
78.0	0.0162+0.7532i	12.2048+17.1637i	0.4764+1.7127i	-0.7739+2.0747i	1.7008+3.9330i	0.9004-0.2006i	-0.8414+1.7438i	3.4653+5.3655i
78.1	-0.0067+0.6961i	12.1719+16.6812i	0.3168+1.5524i	-0.6885+1.8946i	1.1003+3.3951i	0.7105-0.2253i	-0.7743+1.6018i	2.8131+4.6542i
78.2	-0.0099+0.6732i	11.0868+17.8836i	0.3099+1.4785i	-0.6016+1.8522i	1.0519+3.1120i	0.6414-0.2568i	-0.7002+1.6430i	2.8088+4.3262i
78.3	-0.0011+0.6707i	12.1964+18.6614i	0.3121+1.5005i	-0.5557+1.8898i	0.9918+3.2145i	0.6050-0.2756i	-0.6876+1.5841i	2.8408+4.3909i
78.4	0.0073+0.6650i	10.9382+18.5680i	0.3481+1.4891i	-0.4655+1.8937i	1.0798+3.1516i	0.5756-0.2991i	-0.6762+1.7251i	3.0461+4.2831i
78.5	0.0033+0.6612i	10.0959+19.3743i	0.2840+1.4243i	-0.4784+1.8267i	0.8565+2.8289i	0.5236-0.3346i	-0.5585+1.6357i	2.8367+3.9436i
78.6	0.0161+0.6975i	11.2685+19.7999i	0.3301+1.5452i	-0.4268+1.9608i	0.9062+3.1073i	0.5007-0.3427i	-0.5416+1.6889i	3.0132+4.2355i
78.7	-0.0344+0.7236i	9.5688+20.9522i	0.1600+1.6815i	-0.5826+1.9977i	0.3603+3.5274i	0.4659-0.2657i	-0.6391+1.7851i	2.4804+4.7702i
78.8	-0.0481+0.7322i	8.3705+21.1393i	0.1576+1.7731i	-0.6088+2.0271i	0.3744+3.8447i	0.4748-0.2194i	-0.6605+1.7513i	2.5558+5.1807i
78.9	-0.0448+0.7840i	8.1438+21.2887i	0.2203+1.9645i	-0.5787+2.1734i	0.4845+4.4890i	0.4980-0.1616i	-0.6925+1.7521i	2.8420+5.9158i
79.0	0.0247+0.8557i	7.9020+23.4397i	0.4796+2.1171i	-0.3920+2.4190i	1.2407+4.8590i	0.5556-0.2158i	-0.4989+2.0734i	3.9988+6.1932i
79.1	0.1310+0.9114i	8.8776+24.3154i	0.8216+2.2131i	-0.1049+2.6029i	2.2978+5.1067i	0.6422-0.2624i	-0.3817+2.2043i	5.4296+6.2285i
79.2	0.2717+0.8584i	11.5939+23.9741i	1.2392+2.0329i	0.3628+2.5873i	3.4416+4.5447i	0.6328-0.4082i	0.0014+2.2553i	6.8339+5.1692i
79.3	0.3413+0.7273i	12.8100+24.3554i	1.2796+1.6073i	0.5984+2.2949i	3.4586+3.0930i	0.4643-0.5592i	0.1604+2.2190i	6.7222+3.2178i
79.4	0.3521+0.6140i	11.9261+23.1513i	1.2206+1.2539i	0.6801+1.9576i	3.2695+2.0884i	0.3554-0.5997i	0.2596+1.8821i	6.2335+1.9280i
79.5	0.3296+0.5784i	10.4046+23.4709i	1.2297+1.1518i	0.6937+1.8228i	3.4190+1.8286i	0.3719-0.5838i	0.3583+1.7315i	6.3150+1.6012i
79.6	0.3249+0.5461i	10.9666+24.7375i	1.1516+1.1073i	0.7125+1.7716i	2.9570+1.5330i	0.2640-0.6067i	0.3777+1.7069i	5.7837+1.1646i
79.7	0.3082+0.4983i	12.2641+23.6284i	1.0382+1.0056i	0.7078+1.6875i	2.3496+1.1464i	0.1446-0.6145i	0.3508+1.6208i	5.0301+0.6937i
79.8	0.2899+0.4746i	14.1576+24.4233i	0.9563+0.9959i	0.7074+1.6789i	1.8665+0.9642i	0.0588-0.6060i	0.4219+1.5371i	4.4706+0.4224i
79.9	0.2776+0.4482i	10.1051+24.1344i	0.9421+0.8471i	0.6986+1.4955i	1.9421+0.5264i	0.0576-0.6042i	0.4632+1.5084i	4.4248-0.0388i
80.0	0.2649+0.4355i	10.4360+23.7132i	0.9461+0.8300i	0.7298+1.4332i	1.9782+0.4877i	0.0311-0.5747i	0.5022+1.4708i	4.3857-0.1761i

2.1.69 Run 6 – VT000-200 – Accels 17–24

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-1.2694+0.0000i	-0.3919+0.0000i	25.2472+0.0000i	7.2392+0.0000i	5.9974+0.0000i	4.7718+0.0000i	4.9167+0.0000i	7.8124+0.0000i
0.1	-0.5007-0.3446i	-0.5013+0.3122i	3.2314+0.6039i	0.5647+0.2044i	0.6601+0.2191i	0.5031-0.1241i	0.5347+0.1257i	1.0342+0.1658i
0.2	-0.0114+0.0736i	-0.1327-0.0099i	0.2721+0.0006i	0.0066-0.0376i	0.0997-0.1242i	0.1977-0.0990i	-0.2492+0.0733i	-0.2734+0.0872i
0.3	-0.0254+0.0061i	-0.0170-0.0064i	-0.0460-0.0736i	0.0301-0.0090i	-0.0333-0.0838i	0.0500-0.1137i	-0.0057+0.0616i	-0.0889+0.0583i
0.4	0.0241+0.0048i	0.0144+0.0068i	0.0233-0.0281i	-0.0015-0.0021i	-0.0165-0.0097i	0.0089-0.0072i	0.0073+0.0376i	-0.0249+0.0163i
0.5	0.0015-0.0055i	0.0200-0.0081i	0.0078-0.0218i	0.0057-0.0012i	-0.0009-0.0065i	-0.0064-0.0117i	-0.0012+0.0172i	-0.0250+0.0228i
0.6	-0.0026-0.0075i	-0.0018-0.0020i	0.0236-0.0144i	0.0012+0.0035i	0.0040+0.0010i	-0.0009+0.0008i	-0.0031-0.0015i	-0.0085-0.0002i
0.7	-0.0017-0.0015i	-0.0024-0.0002i	0.0221-0.0010i	-0.0025+0.0015i	-0.0031-0.0022i	-0.0007-0.0023i	0.0030+0.0013i	0.0065-0.0020i
0.8	-0.0015-0.0016i	0.0013+0.0029i	0.0225-0.0029i	0.0017-0.0024i	-0.0020+0.0075i	-0.0012-0.0032i	0.0033-0.0005i	0.0062+0.0019i
0.9	-0.0016+0.0015i	0.0036+0.0055i	0.0245-0.0026i	0.0011-0.0009i	0.0067+0.0047i	-0.0036-0.0028i	0.0025-0.0040i	0.0055+0.0043i
1.0	-0.0019+0.0003i	0.0040+0.0020i	0.0263+0.0076i	0.0018+0.0005i	0.0059+0.0010i	-0.0044-0.0019i	0.0026+0.0017i	0.0054+0.0038i
1.1	0.0024+0.0020i	0.0050+0.0012i	0.0304+0.0127i	0.0041+0.0006i	0.0077-0.0011i	-0.0053-0.0017i	0.0025+0.0025i	0.0086+0.0001i
1.2	0.0055+0.0012i	0.0041-0.0002i	0.0361+0.0098i	0.0036-0.0010i	0.0082-0.0009i	-0.0063-0.0002i	0.0026+0.0027i	0.0084-0.0008i
1.3	0.0045-0.0027i	0.0048-0.0013i	0.0482-0.0052i	0.0047-0.0002i	0.0127+0.0016i	-0.0078-0.0008i	0.0038+0.0018i	0.0081+0.0006i
1.4	0.0071-0.0009i	0.0070-0.0007i	0.0499-0.0005i	0.0069+0.0006i	0.0196-0.0011i	-0.0096+0.0006i	0.0041+0.0010i	0.0142-0.0011i
1.5	0.0097-0.0081i	0.0123-0.0062i	0.0640+0.0072i	0.0116-0.0054i	0.0266-0.0309i	-0.0091+0.0010i	0.0038+0.0070i	0.0181-0.0176i
1.6	0.0006-0.0150i	0.0061-0.0086i	0.0814+0.0134i	0.0043-0.0098i	-0.0158-0.0529i	-0.0113-0.0024i	0.0150+0.0100i	-0.0046-0.0297i
1.7	0.0023-0.0045i	0.0064-0.0014i	0.0924+0.0042i	0.0073-0.0034i	-0.0197-0.0132i	-0.0138-0.0013i	0.0209+0.0021i	-0.0049-0.0077i
1.8	0.0111-0.0050i	0.0123+0.0004i	0.1037-0.0029i	0.0157-0.0041i	-0.0075-0.0032i	-0.0141-0.0021i	0.0246-0.0012i	0.0056-0.0012i
1.9	0.0202-0.0214i	0.0240-0.0003i	0.1234-0.0197i	0.0247-0.0184i	-0.0014-0.0034i	-0.0173-0.0012i	0.0316-0.0144i	0.0141-0.0041i
2.0	0.0082-0.0448i	0.0488-0.0037i	0.0824-0.0458i	0.0134-0.0408i	0.0104-0.0046i	-0.0201+0.0040i	0.0264-0.0398i	0.0331-0.0047i
2.1	-0.0108-0.0359i	0.0632-0.0597i	0.0591+0.0014i	0.0004-0.0423i	0.0167-0.0252i	-0.0183+0.0020i	0.0165-0.0501i	0.0427-0.0464i
2.2	0.0190-0.0355i	-0.0440-0.0793i	0.1698+0.0165i	0.0160-0.0472i	-0.0241-0.0298i	-0.0212+0.0030i	0.0090-0.0601i	-0.0351-0.0602i
2.3	0.0037-0.1044i	-0.0672-0.0204i	0.1820-0.0697i	-0.0067-0.1038i	-0.0314-0.0044i	-0.0231+0.0086i	-0.0168-0.1080i	-0.0517-0.0184i
2.4	-0.1386-0.0695i	-0.0383-0.0058i	0.0743-0.0479i	-0.1430-0.0672i	-0.0158-0.0010i	-0.0138+0.0057i	-0.1453-0.0678i	-0.0341-0.0062i
2.5	-0.0888+0.0372i	-0.0289-0.0051i	0.1236+0.0170i	-0.0900+0.0371i	-0.0117-0.0039i	-0.0187-0.0033i	-0.0916+0.0362i	-0.0243-0.0012i
2.6	-0.0195+0.0360i	-0.0255-0.0010i	0.1736+0.0133i	-0.0197+0.0369i	-0.0108-0.0036i	-0.0260-0.0046i	-0.0201+0.0376i	-0.0218+0.0004i
2.7	-0.0114+0.0130i	-0.0226-0.0008i	0.1899+0.0099i	-0.0131+0.0133i	-0.0102-0.0018i	-0.0301-0.0012i	-0.0120+0.0142i	-0.0205-0.0002i
2.8	-0.0139+0.0057i	-0.0189-0.0015i	0.1967+0.0045i	-0.0144+0.0051i	-0.0098-0.0005i	-0.0329+0.0002i	-0.0151+0.0055i	-0.0171-0.0012i
2.9	-0.0142+0.0042i	-0.0184-0.0011i	0.2124+0.0099i	-0.0168+0.0016i	-0.0105-0.0023i	-0.0365-0.0014i	-0.0163+0.0019i	-0.0137-0.0008i
3.0	-0.0165+0.0040i	-0.0175-0.0019i	0.2300+0.0152i	-0.0191+0.0007i	-0.0105-0.0022i	-0.0412-0.0014i	-0.0182-0.0005i	-0.0124-0.0031i
3.1	-0.0167+0.0039i	-0.0121-0.0028i	0.2424+0.0213i	-0.0182+0.0007i	-0.0086-0.0034i	-0.0444-0.0025i	-0.0179-0.0001i	-0.0122-0.0044i
3.2	-0.0191+0.0017i	-0.0132-0.0023i	0.2659+0.0158i	-0.0169+0.0008i	-0.0077-0.0043i	-0.0474-0.0031i	-0.0181-0.0002i	-0.0140-0.0035i
3.3	-0.0231+0.0041i	-0.0186-0.0013i	0.3057+0.0088i	-0.0198+0.0037i	-0.0086-0.0017i	-0.0506-0.0010i	-0.0209+0.0054i	-0.0152-0.0028i
3.4	-0.0243+0.0115i	-0.0193-0.0051i	0.3113-0.0028i	-0.0215+0.0153i	-0.0086-0.0042i	-0.0523-0.0020i	-0.0246+0.0130i	-0.0110-0.0047i
3.5	-0.0082+0.0161i	-0.0176+0.0003i	0.3065-0.0041i	-0.0144+0.0169i	-0.0136-0.0017i	-0.0584-0.0008i	-0.0116+0.0185i	-0.0110-0.0031i
3.6	0.0044+0.0120i	-0.0156-0.0005i	0.3043+0.0103i	-0.0012+0.0111i	-0.0158+0.0025i	-0.0677-0.0008i	0.0046+0.0158i	-0.0154+0.0019i
3.7	-0.0158-0.0089i	-0.0147+0.0014i	0.4058+0.0567i	-0.0168-0.0091i	-0.0100+0.0028i	-0.0697+0.0027i	-0.0159-0.0080i	-0.0165+0.0020i
3.8	-0.0160-0.0036i	-0.0168+0.0020i	0.4202+0.0235i	-0.0172-0.0031i	-0.0078+0.0016i	-0.0684+0.0022i	-0.0165-0.0030i	-0.0129+0.0006i
3.9	-0.0159-0.0015i	-0.0161+0.0001i	0.4299+0.0164i	-0.0168-0.0022i	-0.0079+0.0000i	-0.0712+0.0008i	-0.0159-0.0013i	-0.0123-0.0001i
4.0	-0.0147-0.0015i	-0.0173-0.0019i	0.4452+0.0123i	-0.0166-0.0023i	-0.0086+0.0004i	-0.0747+0.0003i	-0.0167-0.0013i	-0.0135-0.0008i
4.1	-0.0135-0.0018i	-0.0184-0.0004i	0.4633+0.0058i	-0.0169-0.0017i	-0.0093+0.0012i	-0.0800+0.0002i	-0.0175-0.0005i	-0.0143+0.0002i
4.2	-0.0136-0.0008i	-0.0187+0.0011i	0.4896+0.0074i	-0.0177-0.0017i	-0.0097+0.0013i	-0.0858-0.0004i	-0.0181-0.0009i	-0.0143+0.0005i
4.3	-0.0134-0.0023i	-0.0205+0.0016i	0.5136+0.0006i	-0.0174-0.0022i	-0.0098+0.0025i	-0.0918-0.0001i	-0.0175-0.0008i	-0.0140+0.0011i
4.4	-0.0128-0.0020i	-0.0216+0.0032i	0.5349-0.0005i	-0.0171-0.0013i	-0.0109+0.0029i	-0.0987-0.0013i	-0.0170-0.0020i	-0.0140+0.0038i
4.5	-0.0142-0.0014i	-0.0204+0.0074i	0.5530+0.0040i	-0.0184-0.0018i	-0.0100+0.0047i	-0.1045-0.0016i	-0.0203-0.0026i	-0.0144+0.0059i
4.6	-0.0132-0.0003i	-0.0180+0.0095i	0.5733+0.0009i	-0.0176-0.0011i	-0.0092+0.0075i	-0.1097-0.0027i	-0.0201-0.0021i	-0.0146+0.0087i
4.7	-0.0106-0.0040i	-0.0138+0.0158i	0.5968-0.0063i	-0.0187+0.0009i	-0.0046+0.0126i	-0.1189-0.0025i	-0.0181-0.0016i	-0.0078+0.0146i
4.8	-0.0091-0.0046i	-0.0048+0.0168i	0.6376-0.0147i	-0.0143-0.0013i	0.0046+0.0140i	-0.1262-0.0017i	-0.0130-0.0031i	0.0048+0.0158i
4.9	-0.0089-0.0044i	0.0040+0.0021i	0.6659-0.0244i	-0.0130-0.0018i	0.0116+0.0039i	-0.1289-0.0036i	-0.0122-0.0009i	0.0144+0.0022i
5.0	-0.0056-0.0031i	-0.0121-0.0144i	0.6859-0.0191i	-0.0117-0.0032i	-0.0027-0.0092i	-0.1437-0.0106i	-0.0143-0.0046i	-0.0044-0.0120i
5.1	-0.0028-0.0034i	-0.0167-0.0107i	0.7092-0.0116i	-0.0107-0.0031i	-0.0055-0.0063i	-0.1542-0.0108i	-0.0139-0.0060i	-0.0088-0.0087i
5.2	0.0047-0.0069i	-0.0197-0.0094i	0.7368-0.0036i	-0.0049-0.0051i	-0.0069-0.0065i	-0.1690-0.0087i	-0.0092-0.0071i	-0.0092-0.0085i
5.3	0.0024-0.0204i	-0.0208-0.0047i	0.7464-0.0077i	-0.0083-0.0195i	-0.0054-0.0040i	-0.1818+0.0041i	-0.0132-0.0210i	-0.0086-0.0040i
5.4	-0.0038-0.0270i	-0.0172-0.0036i	0.7554-0.0163i	-0.0148-0.0280i	-0.0028-0.0029i	-0.1835+0.0118i	-0.0184-0.0299i	-0.0040-0.0030i
5.5	-0.0031-0.0254i	-0.0302-0.0124i	0.8031+0.0350i	-0.0250-0.0289i	-0.0034-0.0079i	-0.1873+0.0106i	-0.0258-0.0293i	-0.0102-0.0138i
5.6	-0.0188-0.0095i	-0.0418+0.0002i	0.9314+0.0990i	-0.0500-0.0106i	-0.0225+0.0067i	-0.2028+0.0043i	-0.0423-0.0043i	-0.0405+0.0012i

5.7	-0.0152-0.0041i	-0.0306+0.0186i	0.9532+0.0590i	-0.0378+0.0022i	-0.0104+0.0169i	-0.2211-0.0059i	-0.0415+0.0054i	-0.0226+0.0233i
5.8	-0.0006-0.0017i	-0.0189+0.0181i	0.9683+0.0585i	-0.0251+0.0047i	0.0007+0.0137i	-0.2393-0.0034i	-0.0305+0.0056i	-0.0063+0.0197i
5.9	0.0036-0.0009i	-0.0090+0.0130i	0.9860+0.0493i	-0.0190+0.0044i	0.0093+0.0104i	-0.2500+0.0002i	-0.0233+0.0063i	0.0061+0.0155i
6.0	0.0091-0.0038i	-0.0003-0.0014i	1.0027+0.0580i	-0.0155+0.0005i	0.0173-0.0022i	-0.2645-0.0017i	-0.0205+0.0023i	0.0168-0.0015i
6.1	0.0194-0.0037i	-0.0117-0.0124i	1.0309+0.0725i	-0.0143+0.0026i	0.0079-0.0120i	-0.2839-0.0006i	-0.0209+0.0041i	0.0070-0.0136i
6.2	0.0328-0.0006i	-0.0256-0.0156i	1.0636+0.0874i	-0.0089+0.0064i	-0.0035-0.0152i	-0.3043-0.0029i	-0.0180+0.0078i	-0.0054-0.0173i
6.3	0.0493-0.0027i	-0.0344-0.0127i	1.0909+0.0998i	-0.0011+0.0066i	-0.0094-0.0125i	-0.3261-0.0016i	-0.0112+0.0082i	-0.0129-0.0144i
6.4	0.0718-0.0120i	-0.0381-0.0075i	1.1154+0.1169i	0.0119+0.0041i	-0.0104-0.0085i	-0.3500+0.0064i	-0.0006+0.0072i	-0.0140-0.0104i
6.5	0.0979-0.0179i	-0.0427-0.0049i	1.1232+0.1332i	0.0250+0.0031i	-0.0127-0.0072i	-0.3731+0.0108i	0.0106+0.0067i	-0.0165-0.0088i
6.6	0.1311-0.0292i	-0.0483-0.0014i	1.1128+0.1620i	0.0404-0.0020i	-0.0146-0.0054i	-0.3926+0.0145i	0.0216+0.0034i	-0.0178-0.0061i
6.7	0.1788-0.0430i	-0.0521+0.0031i	1.0807+0.2073i	0.0653-0.0059i	-0.0140-0.0036i	-0.4168+0.0134i	0.0414+0.0019i	-0.0168-0.0027i
6.8	0.2558-0.0794i	-0.0581+0.0069i	0.9887+0.2844i	0.1022-0.0205i	-0.0146-0.0040i	-0.4453+0.0183i	0.0711-0.0092i	-0.0158-0.0017i
6.9	0.3593-0.1569i	-0.0674+0.0138i	0.8369+0.4874i	0.1513-0.0500i	-0.0173-0.0036i	-0.4710+0.0178i	0.1100-0.0301i	-0.0147-0.0032i
7.0	0.4777-0.3528i	-0.0813+0.0314i	0.7020+0.9739i	0.2152-0.1299i	-0.0229-0.0016i	-0.5056+0.0111i	0.1631-0.0894i	-0.0168-0.0044i
7.1	0.4135-0.8466i	-0.0810+0.0829i	1.1380+2.0183i	0.2198-0.3582i	-0.0283+0.0127i	-0.5696+0.0079i	0.1764-0.2686i	-0.0218+0.0028i
7.2	-0.0828-1.1673i	-0.0310+0.1239i	2.3979+2.4600i	0.0152-0.5441i	-0.0160+0.0300i	-0.6206+0.0292i	0.0230-0.4231i	-0.0147+0.0153i
7.3	-0.5151-1.0649i	0.0250+0.1122i	3.2923+2.1301i	-0.1939-0.5220i	0.0010+0.0260i	-0.6669+0.0052i	-0.1379-0.4132i	0.0024+0.0109i
7.4	-0.8183-0.7466i	0.0571+0.0660i	3.9646+1.4301i	-0.3473-0.3877i	0.0067+0.0152i	-0.7762+0.0094i	-0.2615-0.3179i	0.0047-0.0065i
7.5	-0.8286-0.4532i	0.0468+0.0324i	4.0052+0.7448i	-0.3677-0.2607i	0.0039+0.0097i	-0.8385+0.0731i	-0.2875-0.2222i	-0.0056-0.0099i
7.6	-0.7349-0.2682i	0.0299+0.0160i	3.8129+0.3274i	-0.3424-0.1806i	0.0025+0.0053i	-0.8846+0.1298i	-0.2752-0.1587i	-0.0104-0.0096i
7.7	-0.6884-0.2153i	0.0227+0.0110i	3.7840+0.2301i	-0.3248-0.1560i	0.0023+0.0030i	-0.9334+0.1519i	-0.2642-0.1385i	-0.0103-0.0110i
7.8	-0.6558-0.1716i	0.0165+0.0071i	3.8676+0.1578i	-0.3132-0.1343i	0.0008+0.0011i	-1.0264+0.1649i	-0.2576-0.1200i	-0.0129-0.0114i
7.9	-0.6661-0.1632i	0.0129+0.0044i	4.0221+0.0890i	-0.3201-0.1349i	-0.0007-0.0011i	-1.1294+0.1930i	-0.2646-0.1214i	-0.0150-0.0123i
8.0	-0.7023-0.1351i	0.0100+0.0018i	4.2072-0.0383i	-0.3425-0.1265i	-0.0028-0.0020i	-1.2521+0.2473i	-0.2860-0.1163i	-0.0183-0.0122i
8.1	-0.7237-0.0901i	0.0071+0.0004i	4.3121-0.1955i	-0.3632-0.1056i	-0.0041+0.0003i	-1.3558+0.3270i	-0.3053-0.0992i	-0.0210-0.0100i
8.2	-0.7539-0.0575i	0.0061-0.0003i	4.4790-0.3123i	-0.3818-0.0934i	-0.0051-0.0005i	-1.4835+0.4135i	-0.3234-0.0880i	-0.0231-0.0103i
8.3	-0.8051-0.0254i	0.0033-0.0016i	4.6934-0.4338i	-0.4125-0.0844i	-0.0089-0.0006i	-1.6437+0.5040i	-0.3512-0.0815i	-0.0263-0.0113i
8.4	-0.8559+0.0161i	0.0009-0.0020i	4.9010-0.5991i	-0.4418-0.0700i	-0.0111+0.0002i	-1.8087+0.6312i	-0.3792-0.0707i	-0.0292-0.0092i
8.5	-0.9169+0.0881i	0.0012-0.0024i	5.1251-0.8398i	-0.4797-0.0380i	-0.0123+0.0043i	-1.9938+0.8323i	-0.4135-0.0420i	-0.0315-0.0052i
8.6	-0.9655+0.1483i	0.0032-0.0028i	5.3442-1.0408i	-0.5064-0.0121i	-0.0119+0.0072i	-2.1601+1.0155i	-0.4363-0.0202i	-0.0318-0.0022i
8.7	-1.0620+0.2506i	0.0082-0.0043i	5.8057-1.3740i	-0.5502+0.0309i	-0.0099+0.0085i	-2.5312+1.3409i	-0.4728+0.0164i	-0.0294+0.0004i
8.8	-1.1222+0.4086i	0.0111-0.0106i	6.0506-1.9006i	-0.5886+0.1025i	-0.0115+0.0077i	-2.7019+1.8509i	-0.5075+0.0747i	-0.0302+0.0021i
8.9	-1.2270+0.6197i	0.0109-0.0157i	6.4635-2.5802i	-0.6490+0.1925i	-0.0183+0.0141i	-3.0048+2.5218i	-0.5578+0.1536i	-0.0384+0.0079i
9.0	-1.2206+0.9505i	0.0096-0.0196i	6.5131-3.6167i	-0.6625+0.3436i	-0.0150+0.0350i	-2.9478+3.5363i	-0.5714+0.2804i	-0.0361+0.0254i
9.1	-1.1646+1.1199i	0.0115-0.0199i	6.4750-4.2050i	-0.6431+0.4206i	-0.0007+0.0395i	-2.8137+4.0983i	-0.5559+0.3447i	-0.0225+0.0326i
9.2	-1.2389+1.5890i	0.0241-0.0324i	6.7665-5.9091i	-0.6906+0.6194i	0.0132+0.0412i	-2.9943+5.7322i	-0.5999+0.5117i	-0.0119+0.0360i
9.3	-0.7379+2.2395i	0.0224-0.0622i	5.0159-8.0386i	-0.4999+0.9154i	0.0341+0.0391i	-1.1945+7.8186i	-0.4421+0.7636i	0.0068+0.0372i
9.4	0.4165+2.2627i	-0.0115-0.0837i	1.1659-7.8985i	-0.0117+0.9630i	0.0548+0.0164i	2.6871+7.6838i	-0.0318+0.8092i	0.0296+0.0196i
9.5	0.8742+1.7029i	-0.0375-0.0758i	-0.1969-5.8716i	0.1995+0.7422i	0.0516-0.0039i	4.1207+5.7073i	0.1460+0.6274i	0.0298+0.0003i
9.6	0.9626+1.1904i	-0.0485-0.0657i	-0.2807-4.0902i	0.2534+0.5274i	0.0452-0.0188i	4.3083+3.9781i	0.1942+0.4470i	0.0245-0.0145i
9.7	0.9533+0.7874i	-0.0546-0.0563i	-0.0273-2.7046i	0.2596+0.3542i	0.0377-0.0291i	4.1991+2.6381i	0.2024+0.3017i	0.0179-0.0255i
9.8	0.8028+0.5636i	-0.0589-0.0505i	0.6808-1.9956i	0.1980+0.2540i	0.0268-0.0353i	3.6677+1.9254i	0.1497+0.2154i	0.0084-0.0328i
9.9	0.7056+0.4283i	-0.0637-0.0466i	1.1664-1.5384i	0.1566+0.1948i	0.0195-0.0384i	3.3295+1.4838i	0.1144+0.1646i	0.0008-0.0370i
10.0	0.6126+0.3412i	-0.0683-0.0419i	1.6488-1.2356i	0.1168+0.1559i	0.0110-0.0378i	3.0053+1.2004i	0.0812+0.1327i	-0.0069-0.0372i
10.1	0.5365+0.2764i	-0.0708-0.0425i	2.1012-1.0247i	0.0834+0.1249i	0.0061-0.0388i	2.7396+0.9975i	0.0526+0.1073i	-0.0106-0.0400i
10.2	0.4655+0.2446i	-0.0736-0.0413i	2.5118-0.9487i	0.0488+0.1112i	0.0040-0.0378i	2.4980+0.9232i	0.0227+0.0946i	-0.0150-0.0408i
10.3	0.4178+0.2296i	-0.0793-0.0400i	2.8528-0.9324i	0.0237+0.1034i	0.0006-0.0377i	2.3542+0.9199i	0.0011+0.0884i	-0.0178-0.0399i
10.4	0.3958+0.2188i	-0.0890-0.0369i	3.0567-0.8939i	0.0107+0.0975i	-0.0027-0.0396i	2.3223+0.9121i	-0.0105+0.0835i	-0.0209-0.0422i
10.5	0.3806+0.1957i	-0.0938-0.0279i	3.2803-0.7637i	-0.0015+0.0869i	-0.0078-0.0410i	2.3290+0.8431i	-0.0214+0.0753i	-0.0273-0.0449i
10.6	0.3638+0.1685i	-0.0918-0.0236i	3.5754-0.6489i	-0.0144+0.0773i	-0.0107-0.0432i	2.3172+0.7301i	-0.0312+0.0666i	-0.0328-0.0462i
10.7	0.3449+0.1393i	-0.0925-0.0256i	3.8302-0.5155i	-0.0273+0.0646i	-0.0159-0.0439i	2.2809+0.6144i	-0.0414+0.0551i	-0.0385-0.0478i
10.8	0.3117+0.1174i	-0.0984-0.0253i	4.2292-0.4798i	-0.0490+0.0567i	-0.0219-0.0434i	2.1904+0.5144i	-0.0590+0.0486i	-0.0449-0.0477i
10.9	0.2835+0.1001i	-0.1040-0.0268i	4.6297-0.3914i	-0.0675+0.0508i	-0.0282-0.0424i	2.1061+0.4366i	-0.0757+0.0435i	-0.0522-0.0472i
11.0	0.2592+0.0883i	-0.1089-0.0262i	4.9436-0.3503i	-0.0851+0.0457i	-0.0307-0.0417i	2.0462+0.3902i	-0.0905+0.0387i	-0.0561-0.0474i
11.1	0.2388+0.0801i	-0.1136-0.0247i	5.3018-0.3322i	-0.1008+0.0440i	-0.0357-0.0417i	1.9977+0.3582i	-0.1045+0.0379i	-0.0625-0.0481i
11.2	0.2210+0.0737i	-0.1198-0.0220i	5.6828-0.3359i	-0.1165+0.0443i	-0.0405-0.0416i	1.9616+0.3334i	-0.1177+0.0361i	-0.0682-0.0480i
11.3	0.2008+0.0713i	-0.1269-0.0190i	6.0449-0.3205i	-0.1321+0.0436i	-0.0464-0.0392i	1.9279+0.3099i	-0.1319+0.0340i	-0.0759-0.0449i
11.4	0.1805+0.0640i	-0.1335-0.0169i	6.5296-0.3252i	-0.1511+0.0437i	-0.0518-0.0343i	1.8923+0.2848i	-0.1488+0.0334i	-0.0824-0.0408i
11.5	0.1676+0.0585i	-0.1392-0.0146i	6.8723-0.3149i	-0.1651+0.0439i	-0.0552-0.0330i	1.8713+0.2700i	-0.1614+0.0310i	-0.0870-0.0396i
11.6	0.1496+0.0564i	-0.1454-0.0122i	7.3061-0.3177i	-0.1826+0.0436i	-0.0601-0.0307i	1.8488+0.2588i	-0.1773+0.0279i	-0.0931-0.0365i
11.7	0.1326+0.0501i	-0.1547-0.0120i	7.8300-0.3483i	-0.2017+0.0433i	-0.0662-0.0272i	1.8325+0.2422i	-0.1974+0.0261i	-0.0995-0.0344i
11.8	0.1190+0.0505i	-0.1630-0.0084i	8.2522-0.4245i	-0.2158+0.0489i	-0.0672-0.0235i	1.8232+0.2422i	-0.2146+0.0291i	-0.1039-0.0314i
11.9	0.1053+0.0509i	-0.1730-0.0048i	8.7257-0.5651i	-0.2299+0.0515i	-0.0715-0.0217i	1.8186+0.2434i	-0.2322+0.0315i	-0.1107-0.0276i

12.0	0.0919+0.0514i	-0.1828-0.0004i	9.1937-0.6064i	-0.2457+0.0515i	-0.0749-0.0175i	1.8187+0.2496i	-0.2500+0.0313i	-0.1136-0.0242i
12.1	0.0764+0.0519i	-0.1960+0.0043i	9.8100-0.6063i	-0.2670+0.0500i	-0.0778-0.0153i	1.8338+0.2680i	-0.2759+0.0325i	-0.1178-0.0231i
12.2	0.0635+0.0522i	-0.2120+0.0061i	10.3374-0.6365i	-0.2883+0.0495i	-0.0860-0.0142i	1.8593+0.2863i	-0.2983+0.0332i	-0.1279-0.0221i
12.3	0.0545+0.0538i	-0.2290+0.0085i	10.8184-0.6655i	-0.3106+0.0490i	-0.0918-0.0144i	1.8995+0.3159i	-0.3211+0.0358i	-0.1332-0.0215i
12.4	0.0498+0.0569i	-0.2485+0.0154i	11.3074-0.6921i	-0.3362+0.0498i	-0.0943-0.0144i	1.9687+0.3517i	-0.3484+0.0402i	-0.1363-0.0216i
12.5	0.0467+0.0548i	-0.2664+0.0259i	11.8408-0.7253i	-0.3614+0.0524i	-0.0966-0.0182i	2.0732+0.3628i	-0.3743+0.0478i	-0.1403-0.0274i
12.6	0.0450+0.0443i	-0.2949+0.0369i	12.4481-0.4262i	-0.3947+0.0489i	-0.1046-0.0274i	2.2076+0.3616i	-0.4085+0.0519i	-0.1494-0.0366i
12.7	0.0405+0.0248i	-0.3293+0.0525i	13.0827-0.0768i	-0.4320+0.0506i	-0.1270-0.0500i	2.3675+0.3010i	-0.4426+0.0649i	-0.1714-0.0589i
12.8	0.0306+0.0001i	-0.3609+0.0719i	13.8057+0.3881i	-0.4696+0.0530i	-0.1567-0.0747i	2.5087+0.2249i	-0.4751+0.0814i	-0.2007-0.0846i
12.9	0.0008-0.0324i	-0.4011+0.1000i	15.0851+1.2504i	-0.5231+0.0541i	-0.2183-0.0903i	2.6476+0.1188i	-0.5116+0.0938i	-0.2644-0.1066i
13.0	-0.0496-0.0623i	-0.4561+0.1288i	16.5226+1.9000i	-0.5890+0.0611i	-0.3155-0.0921i	2.7745-0.0231i	-0.5506+0.1119i	-0.3657-0.1139i
13.1	-0.1152-0.0860i	-0.5325+0.1762i	18.2573+2.6974i	-0.6722+0.0725i	-0.4408-0.0572i	2.8982-0.1667i	-0.5963+0.1240i	-0.4907-0.0864i
13.2	-0.2042-0.1070i	-0.6584+0.2619i	20.1816+4.0963i	-0.7878+0.0866i	-0.6167+0.0348i	3.0618-0.3165i	-0.6627+0.1242i	-0.6673-0.0092i
13.3	-0.2935-0.0984i	-0.7616+0.4070i	22.1861+5.7142i	-0.8985+0.1332i	-0.7548+0.1974i	3.1940-0.4851i	-0.7352+0.1404i	-0.8103+0.1360i
13.4	-0.4106-0.0399i	-0.8302+0.7088i	25.9722+8.5984i	-1.0312+0.2546i	-0.8570+0.5406i	3.3309-0.7780i	-0.8343+0.1923i	-0.9320+0.4516i
13.5	-0.5376+0.0591i	-0.7426+1.1678i	33.9978+14.2673i	-1.1607+0.4213i	-0.7910+1.0741i	3.4094-1.1267i	-0.9559+0.2547i	-0.9129+0.9470i
13.6	-0.6153+0.2215i	-0.3292+1.6040i	48.5768+17.1426i	-1.2229+0.6411i	-0.3386+1.5962i	3.3505-1.4669i	-1.0791+0.3636i	-0.5433+1.4555i
13.7	-0.6097+0.4002i	0.5016+1.6725i	72.2351+10.1012i	-1.2064+0.8452i	0.6174+1.7180i	3.2463-1.6256i	-1.2223+0.5129i	0.3011+1.6286i
13.8	-0.5907+0.4854i	0.9031+1.3372i	85.5334-4.5306i	-1.2280+0.9428i	1.1144+1.3547i	3.3801-1.6804i	-1.3361+0.6558i	0.7545+1.3393i
13.9	-0.6190+0.5737i	1.1685+0.8837i	99.6691-25.6275i	-1.3468+1.0875i	1.4875+0.8243i	3.7778-1.8954i	-1.5253+0.8756i	1.0907+0.8978i
14.0	-0.7045+0.7508i	1.2626+0.4504i	112.7940-55.9150i	-1.5735+1.4282i	1.6752+0.2570i	4.4394-2.5557i	-1.7897+1.2872i	1.2463+0.4413i
14.1	-0.7093+1.0039i	1.2126+0.1532i	112.1155-89.3086i	-1.6254+1.9323i	1.6306-0.1982i	4.7256-3.6493i	-1.8430+1.8446i	1.2090+0.1006i
14.2	-0.4356+1.5551i	1.0226-0.2942i	80.7956-154.5518i	-1.1510+3.0554i	1.2933-0.9439i	4.0089-6.2362i	-1.3537+3.0523i	0.9889-0.4292i
14.3	0.1549+1.7555i	0.7049-0.4976i	14.8372-179.3726i	0.0172+3.5229i	0.6831-1.2348i	1.5388-7.5564i	-0.1463+3.5653i	0.6028-0.6447i
14.4	0.8436+1.4475i	0.3008-0.4547i	-61.5906-148.0372i	1.4189+2.9575i	-0.0385-1.0257i	-1.6622-6.6164i	1.3152+3.0090i	0.1304-0.5448i
14.5	1.0209+1.0362i	0.1568-0.3199i	-81.1261-105.4164i	1.7895+2.1496i	-0.2501-0.6902i	-2.5871-4.9319i	1.7147+2.1896i	-0.0203-0.3486i
14.6	1.0082+0.7085i	0.1115-0.2246i	-79.7063-73.0063i	1.7655+1.5169i	-0.2656-0.4419i	-2.6052-3.6496i	1.6999+1.5488i	-0.0413-0.2059i
14.7	0.9470+0.5077i	0.0942-0.1766i	-74.6671-54.6325i	1.6645+1.1485i	-0.2393-0.3141i	-2.5116-2.9520i	1.6054+1.1778i	-0.0289-0.1357i
14.8	0.8445+0.3421i	0.0782-0.1322i	-67.6027-37.8490i	1.5095+0.8102i	-0.2121-0.2116i	-2.3989-2.1739i	1.4641+0.8353i	-0.0231-0.0883i
14.9	0.7783+0.2610i	0.0736-0.1129i	-62.5360-29.5746i	1.4020+0.6436i	-0.1843-0.1565i	-2.2541-1.7700i	1.3585+0.6644i	-0.0135-0.0620i
15.0	0.6939+0.1966i	0.0566-0.0952i	-55.5015-22.7036i	1.2568+0.5049i	-0.1500-0.1104i	-2.0205-1.4197i	1.2141+0.5213i	-0.0009-0.0391i
15.1	0.6243+0.1607i	0.0406-0.0748i	-49.8586-18.7075i	1.1369+0.4200i	-0.1283-0.0804i	-1.8302-1.1818i	1.0983+0.4330i	0.0042-0.0235i
15.2	0.5709+0.1306i	0.0340-0.0528i	-45.4214-15.2604i	1.0439+0.3458i	-0.1040-0.0591i	-1.6756-0.9548i	1.0045+0.3564i	0.0124-0.0137i
15.3	0.5236+0.1132i	0.0338-0.0344i	-41.5690-13.2290i	0.9584+0.3003i	-0.0841-0.0404i	-1.5172-0.8075i	0.9190+0.3090i	0.0193-0.0042i
15.4	0.4803+0.0976i	0.0365-0.0213i	-38.1910-11.3331i	0.8781+0.2569i	-0.0727-0.0281i	-1.3546-0.6686i	0.8416+0.2654i	0.0190+0.0007i
15.5	0.4554+0.0878i	0.0384-0.0141i	-35.9969-10.0103i	0.8270+0.2277i	-0.0651-0.0249i	-1.2370-0.5660i	0.7883+0.2373i	0.0182+0.0010i
15.6	0.4294+0.0759i	0.0393-0.0091i	-33.6038-8.5288i	0.7700+0.1963i	-0.0570-0.0173i	-1.1090-0.4723i	0.7323+0.2072i	0.0180+0.0037i
15.7	0.4017+0.0739i	0.0417-0.0073i	-31.9578-7.9675i	0.7252+0.1865i	-0.0480-0.0105i	-1.0372-0.4310i	0.6901+0.1975i	0.0197+0.0068i
15.8	0.3688+0.0667i	0.0414-0.0062i	-29.9285-7.1309i	0.6729+0.1687i	-0.0366-0.0037i	-0.9481-0.3745i	0.6385+0.1810i	0.0215+0.0095i
15.9	0.3544+0.0643i	0.0398-0.0072i	-28.5135-6.5913i	0.6392+0.1587i	-0.0335-0.0036i	-0.8660-0.3378i	0.6054+0.1708i	0.0190+0.0095i
16.0	0.3234+0.0754i	0.0336-0.0058i	-27.0561-5.8735i	0.5971+0.1545i	-0.0244-0.0032i	-0.8082-0.2756i	0.5615+0.1667i	0.0186+0.0107i
16.1	0.3016+0.0798i	0.0267+0.0011i	-25.8316-5.3782i	0.5638+0.1505i	-0.0197+0.0032i	-0.7554-0.2502i	0.5291+0.1633i	0.0161+0.0186i
16.2	0.2920+0.0942i	0.0251+0.0070i	-24.6564-5.1555i	0.5393+0.1575i	-0.0118+0.0133i	-0.7013-0.2237i	0.5063+0.1713i	0.0216+0.0289i
16.3	0.2953+0.1053i	0.0274+0.0136i	-23.8204-4.9483i	0.5287+0.1602i	-0.0073+0.0197i	-0.6509-0.1890i	0.4958+0.1743i	0.0272+0.0348i
16.4	0.2998+0.1031i	0.0328+0.0164i	-23.2022-4.6745i	0.5202+0.1515i	-0.0004+0.0167i	-0.6029-0.1573i	0.4892+0.1683i	0.0349+0.0323i
16.5	0.2962+0.0945i	0.0365+0.0105i	-22.4679-4.2393i	0.5013+0.1378i	0.0120+0.0206i	-0.5473-0.1337i	0.4740+0.1543i	0.0435+0.0320i
16.6	0.2851+0.0973i	0.0330+0.0071i	-21.7205-4.0559i	0.4812+0.1382i	0.0229+0.0092i	-0.5026-0.1175i	0.4536+0.1548i	0.0474+0.0229i
16.7	0.2725+0.0974i	0.0318+0.0097i	-21.0104-3.8306i	0.4625+0.1366i	0.0294+0.0017i	-0.4771-0.1112i	0.4334+0.1545i	0.0477+0.0162i
16.8	0.2626+0.0965i	0.0330+0.0131i	-20.4756-3.6440i	0.4460+0.1343i	0.0410+0.0001i	-0.4643-0.1054i	0.4161+0.1566i	0.0519+0.0142i
16.9	0.2491+0.0997i	0.0324+0.0093i	-19.9402-3.3942i	0.4249+0.1353i	0.0469-0.0040i	-0.4434-0.0804i	0.3992+0.1580i	0.0529+0.0115i
17.0	0.2502+0.1079i	0.0271+0.0048i	-19.4044-3.1984i	0.4176+0.1419i	0.0455-0.0148i	-0.4025-0.0620i	0.3931+0.1615i	0.0519+0.0054i
17.1	0.2496+0.1149i	0.0184+0.0084i	-18.8863-3.0224i	0.4112+0.1452i	0.0479-0.0189i	-0.3689-0.0426i	0.3856+0.1666i	0.0517+0.0018i
17.2	0.2425+0.1154i	0.0208+0.0148i	-18.5117-2.9428i	0.3969+0.1457i	0.0485-0.0295i	-0.3474-0.0522i	0.3761+0.1722i	0.0489-0.0040i
17.3	0.2421+0.1250i	0.0220+0.0135i	-18.0435-2.7844i	0.3907+0.1535i	0.0396-0.0361i	-0.3293-0.0477i	0.3736+0.1807i	0.0436-0.0056i
17.4	0.2482+0.1331i	0.0198+0.0166i	-17.6270-2.7501i	0.3891+0.1568i	0.0371-0.0411i	-0.3109-0.0387i	0.3737+0.1864i	0.0424-0.0062i
17.5	0.2514+0.1321i	0.0213+0.0184i	-17.3375-2.6670i	0.3862+0.1564i	0.0306-0.0425i	-0.2996-0.0350i	0.3762+0.1853i	0.0382-0.0075i
17.6	0.2538+0.1315i	0.0220+0.0196i	-17.0819-2.5712i	0.3858+0.1568i	0.0263-0.0434i	-0.2953-0.0274i	0.3781+0.1837i	0.0352-0.0070i
17.7	0.2574+0.1339i	0.0234+0.0189i	-16.7989-2.4785i	0.3865+0.1555i	0.0182-0.0433i	-0.2870-0.0119i	0.3826+0.1819i	0.0312-0.0064i
17.8	0.2596+0.1309i	0.0274+0.0185i	-16.4889-2.3472i	0.3840+0.1504i	0.0108-0.0452i	-0.2749+0.0048i	0.3839+0.1778i	0.0290-0.0072i
17.9	0.2591+0.1258i	0.0288+0.0146i	-16.2042-2.2283i	0.3785+0.1454i	0.0107-0.0456i	-0.2623+0.0158i	0.3818+0.1711i	0.0276-0.0076i
18.0	0.2610+0.1215i	0.0252+0.0112i	-15.9558-2.1102i	0.3758+0.1402i	0.0098-0.0416i	-0.2487+0.0261i	0.3819+0.1614i	0.0268-0.0079i
18.1	0.2646+0.1152i	0.0257-0.0009i	-15.7291-1.9354i	0.3723+0.1324i	0.0082-0.0386i	-0.2332+0.0364i	0.3797+0.1503i	0.0250-0.0091i
18.2	0.2623+0.1066i	0.0241-0.0060i	-15.5235-1.8401i	0.3658+0.1254i	0.0076-0.0385i	-0.2278+0.0443i	0.3757+0.1413i	0.0232-0.0079i

18.3	0.2544+0.1002i	0.0155-0.0129i	-15.2353-1.6997i	0.3562+0.1230i	0.0041-0.0374i	-0.2223+0.0514i	0.3686+0.1357i	0.0209-0.0072i
18.4	0.2514+0.0975i	-0.0003-0.0114i	-14.9343-1.6675i	0.3511+0.1165i	0.0044-0.0347i	-0.2138+0.0641i	0.3616+0.1282i	0.0197-0.0060i
18.5	0.2380+0.0904i	-0.0124-0.0052i	-14.7065-1.6075i	0.3347+0.1035i	0.0039-0.0363i	-0.2247+0.1036i	0.3504+0.1194i	0.0218-0.0079i
18.6	0.2226+0.0937i	-0.0098+0.0103i	-14.5236-1.5836i	0.3076+0.1042i	-0.0009-0.0372i	-0.1846+0.1620i	0.3339+0.1165i	0.0221-0.0131i
18.7	0.2135+0.1023i	-0.0069+0.0132i	-14.3419-1.5167i	0.2880+0.1190i	-0.0076-0.0319i	-0.1203+0.1649i	0.3200+0.1188i	0.0146-0.0169i
18.8	0.2086+0.1144i	-0.0072+0.0020i	-14.0963-1.3943i	0.2875+0.1397i	-0.0069-0.0247i	-0.1010+0.1328i	0.3129+0.1284i	0.0087-0.0139i
18.9	0.2063+0.1200i	-0.0147-0.0022i	-13.9055-1.3409i	0.2873+0.1465i	-0.0027-0.0189i	-0.0897+0.1247i	0.3079+0.1320i	0.0062-0.0093i
19.0	0.2007+0.1252i	-0.0230+0.0004i	-13.6424-1.2924i	0.2826+0.1529i	0.0009-0.0150i	-0.0864+0.1232i	0.2992+0.1337i	0.0031-0.0051i
19.1	0.1976+0.1291i	-0.0284+0.0106i	-13.4432-1.2578i	0.2795+0.1583i	0.0073-0.0129i	-0.0853+0.1233i	0.2924+0.1334i	0.0016-0.0035i
19.2	0.1921+0.1394i	-0.0307+0.0151i	-13.2787-1.2343i	0.2774+0.1655i	0.0147-0.0089i	-0.0856+0.1253i	0.2865+0.1381i	0.0007+0.0013i
19.3	0.1885+0.1466i	-0.0339+0.0163i	-13.1209-1.2563i	0.2723+0.1726i	0.0176-0.0127i	-0.0775+0.1211i	0.2798+0.1460i	-0.0003+0.0016i
19.4	0.1882+0.1490i	-0.0320+0.0219i	-13.0510-1.2309i	0.2699+0.1752i	0.0159-0.0166i	-0.0720+0.1236i	0.2739+0.1515i	-0.0026+0.0025i
19.5	0.1860+0.1623i	-0.0305+0.0234i	-12.8965-1.1658i	0.2668+0.1878i	0.0220-0.0177i	-0.0697+0.1332i	0.2681+0.1615i	-0.0015+0.0047i
19.6	0.1881+0.1734i	-0.0279+0.0293i	-12.7656-1.1105i	0.2676+0.1988i	0.0254-0.0240i	-0.0683+0.1449i	0.2655+0.1707i	0.0004+0.0075i
19.7	0.1951+0.1827i	-0.0311+0.0325i	-12.6168-1.0753i	0.2758+0.2052i	0.0315-0.0294i	-0.0729+0.1528i	0.2681+0.1766i	0.0029+0.0108i
19.8	0.1933+0.1932i	-0.0326+0.0319i	-12.4692-1.0515i	0.2779+0.2172i	0.0292-0.0344i	-0.0865+0.1571i	0.2674+0.1900i	0.0012+0.0128i
19.9	0.1927+0.2044i	-0.0320+0.0323i	-12.3304-1.0214i	0.2764+0.2257i	0.0249-0.0386i	-0.0825+0.1774i	0.2659+0.1980i	-0.0003+0.0122i
20.0	0.2022+0.2189i	-0.0331+0.0338i	-12.1671-0.9874i	0.2852+0.2337i	0.0208-0.0382i	-0.0768+0.2045i	0.2730+0.2078i	0.0005+0.0168i
20.1	0.2092+0.2265i	-0.0333+0.0338i	-12.0420-0.9623i	0.2904+0.2401i	0.0118-0.0394i	-0.0646+0.2214i	0.2776+0.2132i	0.0012+0.0183i
20.2	0.2143+0.2320i	-0.0377+0.0342i	-11.9404-0.9786i	0.2959+0.2475i	0.0144-0.0377i	-0.0527+0.2241i	0.2798+0.2208i	0.0035+0.0197i
20.3	0.2253+0.2360i	-0.0393+0.0358i	-11.8262-0.9745i	0.3087+0.2527i	0.0137-0.0309i	-0.0437+0.2277i	0.2905+0.2263i	0.0063+0.0188i
20.4	0.2399+0.2493i	-0.0417+0.0314i	-11.6965-1.0259i	0.3249+0.2693i	0.0137-0.0194i	-0.0393+0.2108i	0.3001+0.2380i	0.0090+0.0202i
20.5	0.2505+0.2539i	-0.0542+0.0384i	-11.6369-1.0644i	0.3426+0.2675i	0.0260-0.0251i	-0.0583+0.2130i	0.3132+0.2398i	0.0082+0.0231i
20.6	0.2593+0.2561i	-0.0577+0.0377i	-11.5573-1.0857i	0.3530+0.2676i	0.0243-0.0255i	-0.0760+0.2186i	0.3221+0.2422i	0.0101+0.0176i
20.7	0.2667+0.2622i	-0.0633+0.0471i	-11.5272-1.1270i	0.3623+0.2665i	0.0265-0.0278i	-0.1008+0.2400i	0.3311+0.2456i	0.0095+0.0198i
20.8	0.2736+0.2657i	-0.0710+0.0562i	-11.4822-1.1396i	0.3758+0.2633i	0.0350-0.0278i	-0.1202+0.2713i	0.3410+0.2434i	0.0046+0.0214i
20.9	0.2838+0.2678i	-0.0721+0.0596i	-11.4547-1.0727i	0.3889+0.2621i	0.0340-0.0303i	-0.1421+0.2973i	0.3538+0.2434i	0.0059+0.0198i
21.0	0.2945+0.2734i	-0.0724+0.0664i	-11.3458-1.0531i	0.3999+0.2584i	0.0313-0.0369i	-0.1611+0.3428i	0.3674+0.2432i	0.0103+0.0252i
21.1	0.2990+0.2796i	-0.0873+0.0747i	-11.3189-1.0177i	0.4112+0.2558i	0.0404-0.0339i	-0.1762+0.3987i	0.3753+0.2447i	0.0017+0.0300i
21.2	0.3083+0.2787i	-0.0877+0.0867i	-11.2635-1.0134i	0.4180+0.2461i	0.0311-0.0353i	-0.1864+0.4747i	0.3852+0.2339i	0.0077+0.0265i
21.3	0.3194+0.2817i	-0.0876+0.1115i	-11.2055-0.9753i	0.4246+0.2275i	0.0301-0.0507i	-0.1807+0.5833i	0.3929+0.2213i	0.0122+0.0262i
21.4	0.3315+0.2934i	-0.0771+0.1279i	-11.1570-0.9241i	0.4258+0.2245i	0.0209-0.0512i	-0.1343+0.6949i	0.3984+0.2180i	0.0135+0.0255i
21.5	0.3460+0.2934i	-0.0685+0.1392i	-11.0761-0.8890i	0.4315+0.2177i	0.0224-0.0488i	-0.0550+0.7563i	0.4036+0.2088i	0.0156+0.0292i
21.6	0.3667+0.3008i	-0.0538+0.1657i	-10.9836-0.8391i	0.4380+0.2073i	0.0254-0.0567i	0.0246+0.8329i	0.4109+0.2034i	0.0240+0.0349i
21.7	0.3795+0.3051i	-0.0478+0.1802i	-10.9479-0.7783i	0.4433+0.1982i	0.0333-0.0611i	0.0899+0.8901i	0.4131+0.1979i	0.0235+0.0396i
21.8	0.3965+0.3036i	-0.0351+0.1943i	-10.8855-0.7539i	0.4476+0.1856i	0.0351-0.0668i	0.2017+0.9491i	0.4141+0.1879i	0.0191+0.0426i
21.9	0.4242+0.2903i	-0.0079+0.1910i	-10.7910-0.7664i	0.4500+0.1785i	0.0263-0.0629i	0.3409+0.9509i	0.4196+0.1769i	0.0275+0.0343i
22.0	0.4500+0.2858i	0.0221+0.1910i	-10.6816-0.7881i	0.4510+0.1734i	0.0233-0.0598i	0.4822+0.9608i	0.4252+0.1708i	0.0433+0.0291i
22.1	0.4639+0.2767i	0.0338+0.1965i	-10.6116-0.7867i	0.4529+0.1669i	0.0305-0.0760i	0.5971+0.9229i	0.4226+0.1689i	0.0422+0.0290i
22.2	0.4801+0.2591i	0.0584+0.1838i	-10.5045-0.7885i	0.4511+0.1587i	0.0118-0.0655i	0.7030+0.8616i	0.4260+0.1579i	0.0377+0.0258i
22.3	0.4955+0.2433i	0.0786+0.1693i	-10.4395-0.8036i	0.4490+0.1553i	0.0086-0.0557i	0.7788+0.7813i	0.4266+0.1503i	0.0460+0.0244i
22.4	0.5081+0.2241i	0.0925+0.1542i	-10.4139-0.8104i	0.4509+0.1476i	0.0209-0.0558i	0.8558+0.6950i	0.4243+0.1418i	0.0512+0.0195i
22.5	0.5173+0.2103i	0.1042+0.1451i	-10.3476-0.8163i	0.4511+0.1398i	0.0181-0.0669i	0.9138+0.6171i	0.4246+0.1386i	0.0482+0.0142i
22.6	0.5167+0.1891i	0.1062+0.1195i	-10.3059-0.8585i	0.4501+0.1328i	0.0254-0.0584i	0.9241+0.5194i	0.4238+0.1297i	0.0507+0.0095i
22.7	0.5152+0.1701i	0.1035+0.1042i	-10.2878-0.8671i	0.4502+0.1247i	0.0485-0.0683i	0.9322+0.4457i	0.4194+0.1257i	0.0569+0.0006i
22.8	0.5151+0.1572i	0.0975+0.0941i	-10.2822-0.8532i	0.4497+0.1186i	0.0665-0.0888i	0.9296+0.3841i	0.4143+0.1236i	0.0577-0.0091i
22.9	0.5088+0.1518i	0.0875+0.0967i	-10.2707-0.8508i	0.4475+0.1094i	0.0630-0.1183i	0.9069+0.3359i	0.4113+0.1214i	0.0513-0.0089i
23.0	0.5059+0.1468i	0.0790+0.0980i	-10.2582-0.8382i	0.4507+0.1052i	0.0684-0.1340i	0.8791+0.3151i	0.4127+0.1193i	0.0510-0.0120i
23.1	0.5099+0.1386i	0.0921+0.0964i	-10.1810-0.8210i	0.4422+0.0968i	0.0398-0.1617i	0.8974+0.2928i	0.4113+0.1171i	0.0461-0.0211i
23.2	0.5099+0.1305i	0.0969+0.0912i	-10.1190-0.8067i	0.4328+0.0868i	0.0152-0.1757i	0.9079+0.2571i	0.4112+0.1130i	0.0401-0.0257i
23.3	0.5108+0.1241i	0.0988+0.0856i	-10.0746-0.8052i	0.4242+0.0853i	-0.0114-0.1697i	0.9146+0.2123i	0.4092+0.1099i	0.0337-0.0214i
23.4	0.5070+0.1183i	0.0997+0.0796i	-10.0546-0.8249i	0.4176+0.0861i	-0.0304-0.1588i	0.9143+0.1824i	0.4063+0.1073i	0.0249-0.0208i
23.5	0.5054+0.1106i	0.0992+0.0678i	-10.0238-0.8381i	0.4136+0.0901i	-0.0465-0.1383i	0.9017+0.1338i	0.4045+0.1055i	0.0174-0.0156i
23.6	0.5075+0.1061i	0.1032+0.0610i	-9.9868-0.8329i	0.4083+0.0929i	-0.0620-0.1454i	0.8960+0.0947i	0.4043+0.1061i	0.0127-0.0196i
23.7	0.5057+0.1045i	0.1043+0.0572i	-9.9804-0.8397i	0.4044+0.0933i	-0.0790-0.1522i	0.8939+0.0691i	0.4030+0.1073i	0.0047-0.0225i
23.8	0.5044+0.1001i	0.1071+0.0577i	-9.9148-0.8534i	0.4014+0.0924i	-0.0923-0.1490i	0.8751+0.0404i	0.4015+0.1058i	0.0012-0.0178i
23.9	0.5039+0.0966i	0.1072+0.0462i	-9.8915-0.8313i	0.4022+0.0950i	-0.1056-0.1348i	0.8527+0.0182i	0.4005+0.1056i	-0.0053-0.0098i
24.0	0.5099+0.0939i	0.1169+0.0363i	-9.8909-0.8217i	0.4014+0.0994i	-0.1225-0.1180i	0.8433+0.0075i	0.4013+0.1071i	-0.0094-0.0015i
24.1	0.5117+0.0890i	0.1148+0.0210i	-9.8736-0.7871i	0.4061+0.1028i	-0.1277-0.0962i	0.8202-0.0004i	0.4070+0.1058i	-0.0081+0.0013i
24.2	0.5141+0.0841i	0.1108+0.0100i	-9.8402-0.7865i	0.4068+0.1012i	-0.1284-0.0834i	0.8143+0.0040i	0.4079+0.1033i	-0.0045+0.0029i
24.3	0.5166+0.0810i	0.1076+0.0045i	-9.8355-0.8308i	0.4041+0.1007i	-0.1288-0.0738i	0.8052+0.0014i	0.4061+0.1013i	-0.0006+0.0063i
24.4	0.5181+0.0766i	0.0974-0.0009i	-9.8040-0.8634i	0.4066+0.1001i	-0.1253-0.0558i	0.7997-0.0071i	0.4080+0.1007i	0.0010+0.0141i
24.5	0.5207+0.0731i	0.0919-0.0111i	-9.7559-0.8243i	0.4067+0.0989i	-0.1200-0.0399i	0.8144+0.0027i	0.4092+0.0980i	0.0032+0.0156i

24.6	0.5178+0.0672i	0.0828-0.0175i	-9.7211-0.8320i	0.4037+0.0969i	-0.1147-0.0369i	0.8097-0.0016i	0.4084+0.0967i	0.0071+0.0136i
24.7	0.5166+0.0621i	0.0707-0.0230i	-9.7063-0.8457i	0.4023+0.0943i	-0.1151-0.0365i	0.8064-0.0243i	0.4078+0.0948i	0.0026+0.0117i
24.8	0.5180+0.0582i	0.0639-0.0264i	-9.6819-0.8183i	0.4013+0.0980i	-0.1071-0.0366i	0.8188-0.0629i	0.4061+0.0953i	0.0042+0.0102i
24.9	0.5208+0.0546i	0.0541-0.0283i	-9.6326-0.8303i	0.3989+0.1033i	-0.1032-0.0346i	0.8262-0.0946i	0.4053+0.0977i	0.0097+0.0089i
25.0	0.5195+0.0515i	0.0446-0.0222i	-9.6128-0.8367i	0.3991+0.1069i	-0.0997-0.0298i	0.8070-0.1114i	0.4056+0.0960i	0.0106+0.0093i
25.1	0.5210+0.0475i	0.0404-0.0232i	-9.6357-0.8344i	0.3987+0.1118i	-0.1038-0.0242i	0.8064-0.1368i	0.4087+0.0949i	0.0068+0.0083i
25.2	0.5176+0.0457i	0.0286-0.0259i	-9.6438-0.8476i	0.4035+0.1179i	-0.0967-0.0209i	0.7592-0.1717i	0.4122+0.0979i	0.0090+0.0095i
25.3	0.5193+0.0487i	0.0226-0.0215i	-9.6051-0.8553i	0.4085+0.1191i	-0.0960-0.0177i	0.7372-0.1550i	0.4143+0.0989i	0.0107+0.0126i
25.4	0.5212+0.0454i	0.0159-0.0235i	-9.5767-0.8714i	0.4139+0.1210i	-0.0952-0.0133i	0.7286-0.1571i	0.4158+0.0984i	0.0068+0.0113i
25.5	0.5283+0.0449i	0.0121-0.0185i	-9.5550-0.9001i	0.4194+0.1204i	-0.0939-0.0156i	0.7320-0.1541i	0.4169+0.0967i	0.0065+0.0100i
25.6	0.5355+0.0442i	0.0111-0.0119i	-9.5759-0.9063i	0.4220+0.1188i	-0.0960-0.0138i	0.7288-0.1580i	0.4206+0.0949i	0.0076+0.0102i
25.7	0.5389+0.0400i	0.0046-0.0096i	-9.5653-0.9393i	0.4227+0.1231i	-0.0959-0.0098i	0.7127-0.1849i	0.4219+0.0968i	0.0063+0.0131i
25.8	0.5389+0.0429i	-0.0005+0.0053i	-9.5840-0.9415i	0.4319+0.1256i	-0.0957-0.0066i	0.6737-0.1506i	0.4266+0.0954i	0.0053+0.0136i
25.9	0.5484+0.0458i	0.0046+0.0155i	-9.5644-0.9203i	0.4388+0.1207i	-0.0983-0.0053i	0.6775-0.1113i	0.4311+0.0913i	0.0025+0.0131i
26.0	0.5596+0.0411i	0.0095+0.0207i	-9.5925-0.9272i	0.4424+0.1183i	-0.1029-0.0025i	0.6823-0.1171i	0.4349+0.0874i	0.0044+0.0115i
26.1	0.5616+0.0317i	0.0130+0.0249i	-9.6130-0.9820i	0.4429+0.1216i	-0.1052+0.0003i	0.6653-0.1393i	0.4369+0.0881i	0.0028+0.0115i
26.2	0.5610+0.0219i	0.0185+0.0318i	-9.6012-1.0128i	0.4481+0.1214i	-0.1128+0.0136i	0.6309-0.1404i	0.4374+0.0869i	-0.0097+0.0156i
26.3	0.5605+0.0163i	0.0257+0.0341i	-9.6745-0.9897i	0.4543+0.1190i	-0.1141+0.0250i	0.5910-0.1121i	0.4400+0.0849i	-0.0125+0.0189i
26.4	0.5582+0.0081i	0.0293+0.0326i	-9.7701-0.9550i	0.4615+0.1155i	-0.1096+0.0450i	0.5608-0.0598i	0.4419+0.0819i	-0.0181+0.0262i
26.5	0.5542+0.0045i	0.0337+0.0278i	-9.8588-0.8936i	0.4670+0.1104i	-0.1010+0.0615i	0.5604+0.0040i	0.4434+0.0774i	-0.0287+0.0352i
26.6	0.5495+0.0085i	0.0360+0.0229i	-9.8422-0.8106i	0.4683+0.1046i	-0.0875+0.0745i	0.5949+0.0737i	0.4420+0.0754i	-0.0318+0.0517i
26.7	0.5511+0.0177i	0.0383+0.0212i	-9.7908-0.7182i	0.4679+0.1009i	-0.0674+0.0794i	0.6618+0.1346i	0.4362+0.0765i	-0.0242+0.0677i
26.8	0.5577+0.0236i	0.0445+0.0180i	-9.7562-0.6167i	0.4667+0.0985i	-0.0527+0.0848i	0.7449+0.1699i	0.4333+0.0772i	-0.0182+0.0859i
26.9	0.5682+0.0279i	0.0477+0.0150i	-9.7255-0.5512i	0.4664+0.1000i	-0.0416+0.0851i	0.8198+0.1693i	0.4338+0.0821i	-0.0110+0.0993i
27.0	0.5785+0.0270i	0.0536+0.0094i	-9.6708-0.4860i	0.4705+0.1008i	-0.0254+0.0834i	0.8767+0.1388i	0.4371+0.0857i	0.0037+0.1129i
27.1	0.5897+0.0257i	0.0565+0.0046i	-9.6173-0.4538i	0.4736+0.0998i	-0.0076+0.0852i	0.9147+0.1155i	0.4425+0.0911i	0.0249+0.1257i
27.2	0.6020+0.0207i	0.0583-0.0060i	-9.5763-0.4227i	0.4774+0.0996i	0.0120+0.0850i	0.9489+0.0875i	0.4497+0.0955i	0.0507+0.1372i
27.3	0.6094+0.0115i	0.0543-0.0174i	-9.5134-0.3598i	0.4785+0.0975i	0.0360+0.0762i	0.9786+0.0548i	0.4562+0.0970i	0.0798+0.1365i
27.4	0.6149+0.0024i	0.0438-0.0232i	-9.4343-0.3260i	0.4783+0.0935i	0.0549+0.0503i	0.9933+0.0337i	0.4636+0.0950i	0.1135+0.1188i
27.5	0.6245+0.0005i	0.0401-0.0185i	-9.3592-0.2716i	0.4783+0.0911i	0.0679+0.0314i	1.0296+0.0424i	0.4697+0.0950i	0.1381+0.1093i
27.6	0.6360-0.0100i	0.0450-0.0223i	-9.2601-0.1637i	0.4736+0.0908i	0.0793-0.0024i	1.0876+0.0188i	0.4790+0.0933i	0.1694+0.0825i
27.7	0.6396-0.0160i	0.0457-0.0316i	-9.1358-0.1399i	0.4727+0.0950i	0.0778-0.0389i	1.1327-0.0126i	0.4836+0.0971i	0.1841+0.0519i
27.8	0.6400-0.0240i	0.0439-0.0373i	-8.9332-0.1381i	0.4735+0.0975i	0.0551-0.0667i	1.1646-0.0423i	0.4903+0.0924i	0.1832+0.0160i
27.9	0.6396-0.0273i	0.0370-0.0419i	-8.7525-0.2282i	0.4729+0.1011i	0.0208-0.0771i	1.1978-0.0899i	0.4946+0.0861i	0.1642-0.0100i
28.0	0.6415-0.0284i	0.0360-0.0451i	-8.6247-0.4145i	0.4696+0.1110i	-0.0038-0.0790i	1.2360-0.1417i	0.4975+0.0832i	0.1502-0.0332i
28.1	0.6450-0.0284i	0.0311-0.0508i	-8.5803-0.5575i	0.4696+0.1268i	-0.0228-0.0728i	1.2536-0.2112i	0.5032+0.0811i	0.1389-0.0467i
28.2	0.6560-0.0194i	0.0334-0.0572i	-8.5159-0.6597i	0.4843+0.1488i	-0.0388-0.0661i	1.2526-0.2526i	0.5155+0.0812i	0.1268-0.0653i
28.3	0.6772-0.0201i	0.0331-0.0684i	-8.4698-0.8168i	0.5110+0.1540i	-0.0481-0.0517i	1.2657-0.2894i	0.5221+0.0742i	0.1064-0.0708i
28.4	0.6883-0.0301i	0.0226-0.0751i	-8.4952-0.9555i	0.5289+0.1449i	-0.0487-0.0418i	1.2706-0.3338i	0.5240+0.0697i	0.0907-0.0656i
28.5	0.7012-0.0364i	0.0097-0.0754i	-8.5919-1.0171i	0.5387+0.1368i	-0.0474-0.0317i	1.2782-0.3659i	0.5263+0.0663i	0.0802-0.0596i
28.6	0.7173-0.0467i	0.0043-0.0840i	-8.5616-1.1327i	0.5443+0.1391i	-0.0434-0.0232i	1.3014-0.4154i	0.5279+0.0632i	0.0777-0.0634i
28.7	0.7291-0.0557i	-0.0019-0.0900i	-8.5589-1.2493i	0.5529+0.1386i	-0.0393-0.0200i	1.3197-0.4617i	0.5325+0.0628i	0.0766-0.0622i
28.8	0.7465-0.0668i	-0.0074-0.0904i	-8.6131-1.3398i	0.5674+0.1347i	-0.0321-0.0192i	1.3342-0.5126i	0.5419+0.0631i	0.0757-0.0625i
28.9	0.7655-0.0848i	-0.0117-0.0981i	-8.6639-1.3754i	0.5852+0.1292i	-0.0274-0.0199i	1.3374-0.5729i	0.5531+0.0563i	0.0761-0.0677i
29.0	0.7682-0.1007i	-0.0359-0.0944i	-8.7437-1.3567i	0.5924+0.1250i	-0.0208-0.0218i	1.3245-0.6200i	0.5529+0.0533i	0.0669-0.0655i
29.1	0.7779-0.1192i	-0.0501-0.0990i	-8.7697-1.4301i	0.6030+0.1177i	-0.0158-0.0225i	1.3235-0.6888i	0.5583+0.0515i	0.0596-0.0623i
29.2	0.7884-0.1349i	-0.0574-0.0976i	-8.7753-1.5678i	0.6166+0.1152i	-0.0155-0.0293i	1.3192-0.7476i	0.5679+0.0502i	0.0550-0.0661i
29.3	0.7923-0.1592i	-0.0724-0.0925i	-8.8291-1.6144i	0.6289+0.1043i	-0.0124-0.0402i	1.2998-0.8169i	0.5716+0.0447i	0.0489-0.0675i
29.4	0.7961-0.1925i	-0.0828-0.0942i	-8.9237-1.6721i	0.6347+0.0942i	-0.0137-0.0497i	1.2759-0.9082i	0.5778+0.0348i	0.0524-0.0743i
29.5	0.7877-0.2123i	-0.0990-0.0922i	-8.9800-1.6953i	0.6408+0.0893i	-0.0191-0.0587i	1.2152-0.9873i	0.5864+0.0301i	0.0487-0.0783i
29.6	0.7786-0.2320i	-0.1213-0.0758i	-9.0096-1.6954i	0.6480+0.0802i	-0.0239-0.0714i	1.1576-1.0436i	0.5928+0.0235i	0.0367-0.0808i
29.7	0.7723-0.2451i	-0.1331-0.0593i	-9.0858-1.6806i	0.6540+0.0707i	-0.0294-0.0790i	1.1079-1.0593i	0.5974+0.0155i	0.0284-0.0859i
29.8	0.7738-0.2527i	-0.1339-0.0310i	-9.1272-1.7681i	0.6676+0.0634i	-0.0426-0.0901i	1.0616-1.0746i	0.6058+0.0115i	0.0189-0.0887i
29.9	0.7765-0.2711i	-0.1218-0.0126i	-9.2537-1.8411i	0.6720+0.0480i	-0.0620-0.0942i	1.0450-1.1139i	0.6138+0.0012i	0.0119-0.0833i
30.0	0.7707-0.2952i	-0.1042+0.0065i	-9.3094-1.8253i	0.6712+0.0348i	-0.0812-0.0934i	1.0339-1.1513i	0.6163-0.0131i	-0.0007-0.0815i
30.1	0.7633-0.3126i	-0.0833+0.0159i	-9.3400-1.8395i	0.6684+0.0296i	-0.1061-0.0844i	1.0180-1.2080i	0.6113-0.0244i	-0.0207-0.0768i
30.2	0.7505-0.3299i	-0.0596+0.0063i	-9.3881-1.8113i	0.6601+0.0303i	-0.1187-0.0575i	0.9907-1.3273i	0.6060-0.0324i	-0.0249-0.0525i
30.3	0.7345-0.3480i	-0.0516-0.0169i	-9.4211-1.8680i	0.6577+0.0421i	-0.1075-0.0280i	0.9195-1.4724i	0.5958-0.0334i	-0.0162-0.0294i
30.4	0.7130-0.3575i	-0.0572-0.0280i	-9.4487-1.8812i	0.6707+0.0479i	-0.0818-0.0214i	0.7595-1.5533i	0.5924-0.0252i	0.0073-0.0154i
30.5	0.6832-0.3547i	-0.0770-0.0413i	-9.5245-1.8717i	0.6955+0.0438i	-0.0609-0.0536i	0.5000-1.5276i	0.6052-0.0147i	0.0384-0.0438i
30.6	0.6739-0.3523i	-0.0838-0.0380i	-9.6303-1.9121i	0.7162+0.0371i	-0.0716-0.0818i	0.3507-1.4749i	0.6229-0.0119i	0.0312-0.0710i
30.7	0.6613-0.3545i	-0.1016-0.0338i	-9.6950-1.8770i	0.7279+0.0228i	-0.0912-0.0896i	0.2613-1.4243i	0.6315-0.0181i	0.0087-0.0798i
30.8	0.6491-0.3428i	-0.1141-0.0195i	-9.7447-1.8547i	0.7359+0.0076i	-0.1204-0.0891i	0.1962-1.3225i	0.6375-0.0256i	-0.0208-0.0767i

30.9	0.6533-0.3335i	-0.0983-0.0037i	-9.8195-1.8434i	0.7494-0.0065i	-0.1440-0.0810i	0.1475-1.2505i	0.6457-0.0294i	-0.0523-0.0563i
31.0	0.6445-0.3284i	-0.1014-0.0052i	-9.9278-1.8131i	0.7508-0.0213i	-0.1595-0.0688i	0.0927-1.2085i	0.6537-0.0350i	-0.0583-0.0424i
31.1	0.6336-0.3226i	-0.1053+0.0102i	-9.9512-1.7767i	0.7451-0.0294i	-0.1635-0.0562i	0.0430-1.1686i	0.6561-0.0407i	-0.0487-0.0228i
31.2	0.6330-0.3038i	-0.0908+0.0314i	-10.0472-1.7714i	0.7456-0.0323i	-0.1704-0.0466i	-0.0122-1.1138i	0.6606-0.0406i	-0.0438+0.0012i
31.3	0.6322-0.2865i	-0.0689+0.0271i	-10.0605-1.7584i	0.7433-0.0308i	-0.1735-0.0379i	-0.0654-1.0453i	0.6658-0.0431i	-0.0299-0.0016i
31.4	0.6278-0.2783i	-0.0469+0.0285i	-10.0639-1.6938i	0.7431-0.0366i	-0.1851-0.0243i	-0.1243-0.9972i	0.6670-0.0424i	-0.0234+0.0099i
31.5	0.6371-0.2643i	-0.0210+0.0232i	-10.0854-1.6476i	0.7498-0.0379i	-0.1937-0.0139i	-0.1567-0.9212i	0.6762-0.0410i	-0.0134+0.0212i
31.6	0.6511-0.2580i	-0.0152+0.0047i	-10.1040-1.6028i	0.7576-0.0383i	-0.1941-0.0025i	-0.1607-0.8397i	0.6876-0.0477i	-0.0076+0.0133i
31.7	0.6697-0.2459i	-0.0055-0.0081i	-10.1497-1.5493i	0.7726-0.0450i	-0.2000+0.0232i	-0.1863-0.7627i	0.6998-0.0434i	-0.0107+0.0395i
31.8	0.6827-0.2419i	0.0063-0.0194i	-10.1799-1.4866i	0.7786-0.0482i	-0.2005+0.0320i	-0.2044-0.7134i	0.7110-0.0488i	0.0067+0.0388i
31.9	0.7017-0.2406i	0.0284-0.0482i	-10.2237-1.4225i	0.7908-0.0589i	-0.2083+0.0509i	-0.2280-0.6292i	0.7270-0.0542i	0.0198+0.0514i
32.0	0.7146-0.2379i	0.0321-0.0719i	-10.2105-1.4010i	0.7927-0.0662i	-0.2037+0.0685i	-0.2333-0.5487i	0.7417-0.0560i	0.0462+0.0607i
32.1	0.7329-0.2340i	0.0409-0.1053i	-10.2380-1.3353i	0.8028-0.0695i	-0.2054+0.0832i	-0.2382-0.4506i	0.7548-0.0602i	0.0512+0.0528i
32.2	0.7503-0.2351i	0.0316-0.1329i	-10.2255-1.2828i	0.8221-0.0692i	-0.2049+0.0842i	-0.2284-0.3847i	0.7617-0.0735i	0.0311+0.0172i
32.3	0.7761-0.2350i	0.0157-0.1769i	-10.2132-1.2543i	0.8331-0.0662i	-0.1924+0.0983i	-0.1796-0.3039i	0.7821-0.0802i	0.0506-0.0015i
32.4	0.7996-0.2283i	0.0173-0.2333i	-10.2072-1.1870i	0.8332-0.0682i	-0.1827+0.1295i	-0.1285-0.1820i	0.8141-0.0739i	0.1085+0.0143i
32.5	0.8301-0.2259i	-0.0068-0.2727i	-10.1331-1.0797i	0.8436-0.0724i	-0.1593+0.1480i	-0.0436-0.0761i	0.8493-0.0798i	0.1649+0.0124i
32.6	0.8599-0.2313i	-0.0367-0.3165i	-10.0448-1.0084i	0.8661-0.0780i	-0.1567+0.1630i	0.0248-0.0074i	0.8732-0.0950i	0.1664-0.0041i
32.7	0.8902-0.2404i	-0.0964-0.3359i	-9.9598-1.0012i	0.8888-0.0792i	-0.1396+0.1693i	0.1247+0.0380i	0.8920-0.1166i	0.1544-0.0398i
32.8	0.9179-0.2537i	-0.1646-0.3398i	-9.8804-0.9882i	0.9205-0.0749i	-0.1203+0.1629i	0.2055+0.0753i	0.9113-0.1528i	0.1249-0.1170i
32.9	0.9464-0.2658i	-0.2187-0.3749i	-9.7655-0.9676i	0.9435-0.0733i	-0.1056+0.1734i	0.3129+0.1031i	0.9282-0.1849i	0.1106-0.1778i
33.0	0.9786-0.2903i	-0.2979-0.3858i	-9.6898-0.9514i	0.9826-0.0946i	-0.0875+0.1830i	0.4257+0.1178i	0.9446-0.2154i	0.0658-0.1896i
33.1	1.0161-0.3023i	-0.3579-0.3659i	-9.5192-1.0268i	1.0214-0.1148i	-0.0715+0.1882i	0.5541+0.1288i	0.9522-0.2289i	0.0080-0.1609i
33.2	1.0696-0.3230i	-0.4299-0.3289i	-9.3157-1.2103i	1.0582-0.1403i	-0.0380+0.1871i	0.7386+0.1012i	0.9759-0.2483i	-0.0042-0.1285i
33.3	1.1074-0.3579i	-0.5025-0.2782i	-9.1640-1.3722i	1.0888-0.1871i	-0.0060+0.1820i	0.8929+0.0309i	0.9939-0.2683i	-0.0115-0.0653i
33.4	1.1415-0.3985i	-0.5369-0.2234i	-9.1076-1.5218i	1.1065-0.2230i	0.0203+0.1635i	1.0121-0.0794i	1.0157-0.2996i	0.0180-0.0520i
33.5	1.1700-0.4655i	-0.5474-0.1504i	-9.1600-1.7388i	1.1240-0.2677i	0.0344+0.1191i	1.0753-0.2855i	1.0357-0.3511i	0.0492-0.0812i
33.6	1.1733-0.5360i	-0.5510-0.0790i	-9.2185-1.9606i	1.1240-0.3164i	0.0357+0.0818i	1.0667-0.4909i	1.0330-0.3980i	0.0627-0.1018i
33.7	1.1734-0.5929i	-0.5428-0.0301i	-9.4061-2.1186i	1.1216-0.3637i	0.0215+0.0590i	1.0173-0.6243i	1.0313-0.4306i	0.0637-0.0953i
33.8	1.1805-0.6348i	-0.5381+0.0051i	-9.4861-2.2599i	1.1323-0.3895i	0.0070+0.0385i	0.9746-0.7395i	1.0357-0.4601i	0.0531-0.1104i
33.9	1.1713-0.6739i	-0.5072+0.0439i	-9.5748-2.3369i	1.1288-0.4190i	-0.0179+0.0239i	0.8665-0.8210i	1.0322-0.4880i	0.0536-0.1147i
34.0	1.1610-0.7029i	-0.4764+0.0639i	-9.7679-2.3692i	1.1254-0.4403i	-0.0456+0.0200i	0.7422-0.8449i	1.0313-0.5100i	0.0462-0.1276i
34.1	1.1572-0.7263i	-0.4557+0.0629i	-9.9306-2.3824i	1.1306-0.4597i	-0.0687+0.0271i	0.6469-0.8473i	1.0398-0.5289i	0.0402-0.1279i
34.2	1.1576-0.7483i	-0.4363+0.0548i	-10.0246-2.3394i	1.1297-0.4853i	-0.0857+0.0398i	0.5975-0.8150i	1.0525-0.5542i	0.0510-0.1331i
34.3	1.1539-0.7793i	-0.4396+0.0535i	-10.0514-2.2724i	1.1240-0.5125i	-0.0910+0.0587i	0.5868-0.7956i	1.0570-0.5966i	0.0626-0.1468i
34.4	1.1713-0.8010i	-0.4532+0.0507i	-10.0710-2.3070i	1.1360-0.5220i	-0.0949+0.0701i	0.5880-0.8057i	1.0808-0.6278i	0.0834-0.1670i
34.5	1.1806-0.8339i	-0.4565+0.0497i	-10.0799-2.2963i	1.1510-0.5518i	-0.0921+0.0781i	0.5578-0.7911i	1.0895-0.6791i	0.0803-0.1950i
34.6	1.1911-0.8841i	-0.4759+0.0565i	-10.1902-2.2842i	1.1658-0.5806i	-0.0948+0.0895i	0.5221-0.8449i	1.0869-0.7446i	0.0540-0.2399i
34.7	1.1991-0.9212i	-0.4903+0.0695i	-10.3096-2.3840i	1.1849-0.5920i	-0.0964+0.0928i	0.4572-0.9141i	1.0791-0.7881i	0.0250-0.2818i
34.8	1.2065-0.9715i	-0.5055+0.0667i	-10.2989-2.4157i	1.2033-0.6292i	-0.0973+0.1015i	0.4075-0.9292i	1.0665-0.8487i	-0.0033-0.3195i
34.9	1.2011-1.0071i	-0.5095+0.0779i	-10.2888-2.3645i	1.2205-0.6649i	-0.0967+0.1091i	0.3305-0.9067i	1.0426-0.8928i	-0.0472-0.3302i
35.0	1.2075-1.0538i	-0.5310+0.0914i	-10.2864-2.3952i	1.2585-0.7134i	-0.0965+0.1171i	0.2152-0.8584i	1.0212-0.9419i	-0.1173-0.3336i
35.1	1.2180-1.0829i	-0.5540+0.0998i	-10.2305-2.4245i	1.2940-0.7480i	-0.0929+0.1269i	0.1334-0.7955i	1.0078-0.9700i	-0.1712-0.3277i
35.2	1.2331-1.1277i	-0.5774+0.1300i	-10.1646-2.5512i	1.3381-0.8107i	-0.0873+0.1243i	0.0607-0.7106i	0.9914-1.0033i	-0.2355-0.3034i
35.3	1.2443-1.1785i	-0.5847+0.1702i	-10.1750-2.6703i	1.3489-0.8842i	-0.0891+0.1322i	0.0591-0.6011i	0.9756-1.0348i	-0.2610-0.2556i
35.4	1.2413-1.2468i	-0.5957+0.2032i	-10.2305-2.7144i	1.3381-0.9709i	-0.0856+0.1349i	0.0990-0.5285i	0.9520-1.0732i	-0.2786-0.2154i
35.5	1.2435-1.3236i	-0.6033+0.2378i	-10.2648-2.8098i	1.3316-1.0692i	-0.0796+0.1350i	0.1406-0.4507i	0.9372-1.1241i	-0.2863-0.1749i
35.6	1.2397-1.3795i	-0.6033+0.2675i	-10.2782-2.8723i	1.3309-1.1340i	-0.0810+0.1393i	0.1639-0.3906i	0.9241-1.1602i	-0.2981-0.1466i
35.7	1.2238-1.4670i	-0.6047+0.3082i	-10.3809-2.9727i	1.3040-1.2358i	-0.0790+0.1404i	0.2215-0.3430i	0.8971-1.2113i	-0.2979-0.1080i
35.8	1.1865-1.5293i	-0.5959+0.3449i	-10.5014-3.0801i	1.2459-1.2982i	-0.0809+0.1438i	0.2855-0.3315i	0.8536-1.2470i	-0.2966-0.0833i
35.9	1.1627-1.6039i	-0.5928+0.3881i	-10.6075-3.2686i	1.2039-1.3710i	-0.0846+0.1426i	0.3424-0.3397i	0.8198-1.2920i	-0.3002-0.0635i
36.0	1.1341-1.6865i	-0.5702+0.4333i	-10.7774-3.3483i	1.1715-1.4445i	-0.0947+0.1464i	0.3500-0.3587i	0.7916-1.3353i	-0.3004-0.0392i
36.1	1.0790-1.7346i	-0.5337+0.4625i	-10.8625-3.3271i	1.1040-1.4857i	-0.0988+0.1486i	0.3751-0.3719i	0.7487-1.3632i	-0.2854-0.0276i
36.2	1.0338-1.7815i	-0.5002+0.4827i	-10.9537-3.4121i	1.0560-1.5171i	-0.1073+0.1605i	0.3766-0.4010i	0.7158-1.3810i	-0.2779-0.0118i
36.3	1.0043-1.8666i	-0.4744+0.5066i	-11.1520-3.4550i	1.0210-1.5927i	-0.1152+0.1729i	0.3777-0.3905i	0.6898-1.4302i	-0.2786+0.0107i
36.4	0.9610-1.9276i	-0.4380+0.5235i	-11.2467-3.4847i	0.9812-1.6438i	-0.1224+0.1814i	0.3693-0.3798i	0.6607-1.4671i	-0.2751+0.0250i
36.5	0.9137-1.9639i	-0.4149+0.5109i	-11.3229-3.4853i	0.9351-1.6701i	-0.1257+0.2065i	0.3938-0.3704i	0.6219-1.4911i	-0.2774+0.0292i
36.6	0.8567-2.0551i	-0.3926+0.4997i	-11.4914-3.5495i	0.8864-1.7519i	-0.1176+0.2420i	0.4019-0.3181i	0.5758-1.5511i	-0.2754+0.0545i
36.7	0.8211-2.1076i	-0.3766+0.5017i	-11.5229-3.5471i	0.8612-1.7917i	-0.1146+0.2642i	0.4005-0.3281i	0.5563-1.5798i	-0.2689+0.0697i
36.8	0.7848-2.1612i	-0.3669+0.5051i	-11.6652-3.5566i	0.8312-1.8401i	-0.1117+0.2775i	0.3981-0.3218i	0.5280-1.6162i	-0.2749+0.0816i
36.9	0.7207-2.2433i	-0.3559+0.4844i	-11.8295-3.5838i	0.7756-1.9244i	-0.0879+0.3067i	0.4283-0.2666i	0.4761-1.6745i	-0.2807+0.0970i
37.0	0.6471-2.2838i	-0.3741+0.4739i	-11.8439-3.6283i	0.7073-1.9731i	-0.0653+0.3230i	0.4842-0.2259i	0.4244-1.6998i	-0.2675+0.1206i
37.1	0.6291-2.3455i	-0.3750+0.4938i	-11.8626-3.6569i	0.6911-2.0340i	-0.0602+0.3395i	0.4941-0.2130i	0.4141-1.7438i	-0.2541+0.1384i

37.2	0.6098-2.4438i	-0.3663+0.5085i	-12.0292-3.7360i	0.6738-2.1283i	-0.0478+0.3614i	0.5146-0.1927i	0.3952-1.8129i	-0.2519+0.1610i
37.3	0.5332-2.5857i	-0.3559+0.5089i	-12.2281-3.9393i	0.6078-2.2618i	-0.0262+0.3934i	0.5470-0.1582i	0.3390-1.9102i	-0.2420+0.1858i
37.4	0.4058-2.6792i	-0.3567+0.5116i	-12.3353-4.0220i	0.4766-2.3507i	0.0032+0.4143i	0.6269-0.1358i	0.2376-1.9659i	-0.2295+0.2148i
37.5	0.2411-2.7972i	-0.3648+0.5337i	-12.5580-3.9003i	0.3083-2.4672i	0.0420+0.4371i	0.7269-0.1249i	0.1113-2.0373i	-0.2121+0.2504i
37.6	0.0588-2.9064i	-0.3743+0.5495i	-12.7936-3.9133i	0.1335-2.5579i	0.0950+0.4627i	0.7984-0.1316i	-0.0070-2.0968i	-0.1751+0.2797i
37.7	-0.0966-3.0163i	-0.3720+0.5699i	-12.9669-4.0639i	-0.0028-2.6452i	0.1447+0.4839i	0.8513-0.1618i	-0.1016-2.1609i	-0.1512+0.3005i
37.8	-0.3670-3.0745i	-0.3658+0.6096i	-13.2610-4.0163i	-0.2336-2.7048i	0.2303+0.4643i	0.9477-0.2672i	-0.2638-2.1981i	-0.0999+0.3309i
37.9	-0.5894-3.0228i	-0.3571+0.6177i	-13.3428-4.0068i	-0.4250-2.6568i	0.2873+0.4300i	0.9513-0.3592i	-0.3972-2.1585i	-0.0610+0.3331i
38.0	-0.8575-2.8976i	-0.3406+0.6410i	-13.5527-3.9766i	-0.6666-2.5562i	0.3340+0.3607i	0.9072-0.4545i	-0.5589-2.0874i	-0.0042+0.3229i
38.1	-1.0653-2.7576i	-0.3150+0.6629i	-13.7515-3.7680i	-0.8591-2.4479i	0.3586+0.2940i	0.8395-0.5224i	-0.6799-2.0201i	0.0521+0.3053i
38.2	-1.1878-2.6536i	-0.3098+0.6766i	-13.8571-3.6869i	-0.9712-2.3802i	0.3670+0.2437i	0.7905-0.5163i	-0.7480-1.9837i	0.0864+0.2898i
38.3	-1.2418-2.5600i	-0.3099+0.7044i	-13.9939-3.6855i	-1.0283-2.3212i	0.3503+0.1986i	0.7462-0.4561i	-0.7824-1.9660i	0.1157+0.2648i
38.4	-1.3336-2.4377i	-0.3059+0.7385i	-14.1395-3.6364i	-1.1451-2.2174i	0.3265+0.1591i	0.7316-0.4545i	-0.8688-1.9210i	0.1486+0.2316i
38.5	-1.4803-2.3777i	-0.2732+0.8048i	-14.4166-3.5692i	-1.3111-2.1852i	0.3134+0.1340i	0.7429-0.3777i	-0.9899-1.9466i	0.1955+0.1921i
38.6	-1.6151-2.2843i	-0.2276+0.8409i	-14.6156-3.4335i	-1.4609-2.1049i	0.2992+0.1148i	0.7578-0.3356i	-1.1141-1.9217i	0.2220+0.1460i
38.7	-1.6991-2.1666i	-0.1632+0.8629i	-14.7066-3.3329i	-1.5629-1.9987i	0.2773+0.0969i	0.7732-0.2910i	-1.2219-1.8730i	0.2295+0.0920i
38.8	-1.7621-2.0489i	-0.0843+0.8779i	-14.7157-3.2893i	-1.6361-1.8855i	0.2573+0.0953i	0.7766-0.2215i	-1.3159-1.8234i	0.2258+0.0349i
38.9	-1.8158-1.9143i	-0.0213+0.8768i	-14.9267-3.1628i	-1.7007-1.7594i	0.2521+0.0916i	0.8562-0.1768i	-1.4154-1.7437i	0.1874-0.0053i
39.0	-1.9189-1.7527i	0.0425+0.8643i	-15.1392-2.9670i	-1.8402-1.6007i	0.2441+0.0828i	1.0047-0.1572i	-1.5778-1.6347i	0.1540-0.0452i
39.1	-1.9425-1.5804i	0.0944+0.8297i	-15.1560-2.7291i	-1.9039-1.4145i	0.2329+0.0817i	1.1570-0.2092i	-1.6704-1.4816i	0.1207-0.0735i
39.2	-1.9636-1.4542i	0.1566+0.7976i	-15.1984-2.6192i	-1.9544-1.2850i	0.2181+0.0751i	1.2583-0.2494i	-1.7506-1.3639i	0.0889-0.0788i
39.3	-1.9884-1.3371i	0.2168+0.7716i	-15.3278-2.4879i	-1.9921-1.1528i	0.2042+0.0727i	1.3176-0.3223i	-1.8197-1.2383i	0.0597-0.0612i
39.4	-1.9996-1.2027i	0.2472+0.7167i	-15.4111-2.3825i	-2.0259-0.9859i	0.2082+0.0782i	1.4281-0.4498i	-1.8789-1.0806i	0.0298-0.0539i
39.5	-2.0266-1.0750i	0.2886+0.6453i	-15.4854-2.2938i	-2.0635-0.8510i	0.2042+0.0821i	1.4793-0.4925i	-1.9362-0.9478i	0.0205-0.0500i
39.6	-2.0048-0.9418i	0.3030+0.5838i	-15.4688-2.1574i	-2.0497-0.6900i	0.1943+0.0810i	1.4842-0.6242i	-1.9291-0.7826i	0.0209-0.0316i
39.7	-1.9551-0.8233i	0.2819+0.5317i	-15.4178-2.0052i	-1.9924-0.5338i	0.1873+0.0805i	1.4451-0.7758i	-1.8720-0.6294i	0.0377-0.0179i
39.8	-1.9462-0.7202i	0.2870+0.4949i	-15.4071-1.9152i	-1.9791-0.4237i	0.1701+0.0843i	1.3664-0.8168i	-1.8428-0.5265i	0.0665-0.0270i
39.9	-1.8716-0.6067i	0.2701+0.4519i	-15.3951-1.8713i	-1.9024-0.2987i	0.1699+0.0979i	1.3415-0.8472i	-1.7812-0.4204i	0.0619-0.0399i
40.0	-1.8329-0.4845i	0.2461+0.4067i	-15.4519-1.6546i	-1.8630-0.1563i	0.1723+0.1159i	1.3413-0.8704i	-1.7480-0.3071i	0.0623-0.0567i
40.1	-1.7652-0.4205i	0.2320+0.3876i	-15.3968-1.6401i	-1.7892-0.0926i	0.1688+0.1242i	1.3071-0.8453i	-1.6838-0.2461i	0.0686-0.0521i
40.2	-1.7030-0.3691i	0.2085+0.3831i	-15.4555-1.5830i	-1.7154-0.0377i	0.1817+0.1284i	1.2977-0.8475i	-1.6374-0.2022i	0.0508-0.0509i
40.3	-1.6433-0.3651i	0.1948+0.3717i	-15.4694-1.6960i	-1.6679-0.0262i	0.2019+0.1424i	1.4235-0.8825i	-1.6050-0.1861i	0.0574-0.0535i
40.4	-1.5849-0.3118i	0.1827+0.3430i	-15.3977-1.6445i	-1.6184+0.0703i	0.2149+0.1477i	1.4462-1.0382i	-1.5585-0.1159i	0.0806-0.0933i
40.5	-1.5749-0.2592i	0.1904+0.3281i	-15.5639-1.4771i	-1.5968+0.1518i	0.2057+0.1494i	1.3776-1.1291i	-1.5314-0.0535i	0.0976-0.1170i
40.6	-1.5416-0.2034i	0.1797+0.3141i	-15.5895-1.3268i	-1.5477+0.2248i	0.2216+0.1549i	1.3526-1.1839i	-1.5089-0.0028i	0.0864-0.1446i
40.7	-1.4841-0.1469i	0.1703+0.2712i	-15.4637-1.2978i	-1.4602+0.3149i	0.2417+0.1680i	1.2674-1.2990i	-1.4556+0.0494i	0.0663-0.2061i
40.8	-1.4551-0.1338i	0.1515+0.2495i	-15.4530-1.3345i	-1.4009+0.3289i	0.2422+0.1605i	1.1759-1.2864i	-1.4195+0.0628i	0.0385-0.2303i
40.9	-1.4460-0.0823i	0.1212+0.2285i	-15.6196-1.3670i	-1.3590+0.3801i	0.2507+0.1645i	1.0692-1.3442i	-1.4279+0.1242i	-0.0363-0.2213i
41.0	-1.3924-0.0141i	0.0992+0.2071i	-15.5588-1.2744i	-1.2760+0.4414i	0.2839+0.1769i	0.9354-1.2841i	-1.3887+0.1879i	-0.0742-0.2061i
41.1	-1.3570+0.0156i	0.0722+0.1844i	-15.6232-1.2105i	-1.2412+0.4474i	0.3152+0.1670i	0.9816-1.1361i	-1.3531+0.2052i	-0.0568-0.2004i
41.2	-1.2653+0.0536i	-0.0132+0.1836i	-15.5949-1.2632i	-1.1237+0.4901i	0.3403+0.1319i	0.9934-1.1642i	-1.2954+0.2373i	-0.1324-0.2472i
41.3	-1.2444+0.0619i	-0.0366+0.2123i	-15.6310-1.2314i	-1.0893+0.4946i	0.3258+0.1288i	0.9728-1.2188i	-1.2820+0.2511i	-0.1826-0.2398i
41.4	-1.2314+0.0796i	-0.0505+0.2053i	-15.5685-1.1992i	-1.0402+0.5020i	0.3370+0.1639i	0.7983-1.2029i	-1.2747+0.2779i	-0.2459-0.1872i
41.5	-1.1907+0.1259i	-0.0842+0.2172i	-15.6754-1.2482i	-0.9945+0.5020i	0.3636+0.1549i	0.8141-1.0073i	-1.2488+0.3359i	-0.2548-0.1133i
41.6	-1.1352+0.1454i	-0.1010+0.2432i	-15.7627-1.1983i	-0.9659+0.4774i	0.3881+0.1398i	0.9239-0.8464i	-1.1903+0.3589i	-0.2054-0.0477i
41.7	-1.0748+0.1558i	-0.1227+0.2499i	-15.6510-1.2232i	-0.9336+0.4729i	0.4120+0.1144i	1.0768-0.7775i	-1.1422+0.3767i	-0.1653-0.0330i
41.8	-1.0475+0.1520i	-0.1387+0.2702i	-15.7511-1.2833i	-0.9405+0.4716i	0.4319+0.0819i	1.2482-0.8081i	-1.1291+0.3769i	-0.1303-0.0484i
41.9	-1.0371+0.1460i	-0.1596+0.2455i	-15.8334-1.3337i	-0.9492+0.4759i	0.4524+0.0545i	1.3278-0.8219i	-1.1254+0.3537i	-0.1109-0.1084i
42.0	-1.0028+0.1618i	-0.2019+0.2914i	-15.8499-1.3503i	-0.9264+0.5135i	0.4405+0.0179i	1.4006-0.9089i	-1.1098+0.3736i	-0.1407-0.1511i
42.1	-0.9932+0.2127i	-0.2084+0.3133i	-15.8774-1.3131i	-0.9148+0.5712i	0.4223+0.0096i	1.3843-0.9202i	-1.0987+0.4065i	-0.1738-0.1687i
42.2	-0.9473+0.2464i	-0.2385+0.3487i	-15.8823-1.3959i	-0.8988+0.6013i	0.4054+0.0201i	1.5846-0.8654i	-1.1023+0.4175i	-0.2258-0.1702i
42.3	-0.9072+0.2581i	-0.2435+0.4130i	-16.1011-1.3929i	-0.8843+0.6458i	0.4144+0.0206i	1.7971-1.0515i	-1.1249+0.4629i	-0.2733-0.1370i
42.4	-0.8864+0.2855i	-0.2368+0.4489i	-16.1662-1.2962i	-0.8598+0.7031i	0.4548+0.0087i	1.8028-1.2333i	-1.1373+0.5266i	-0.3093-0.1003i
42.5	-0.8323+0.2907i	-0.2135+0.4924i	-16.1272-1.2686i	-0.7901+0.7267i	0.4458-0.0083i	1.7864-1.3395i	-1.0907+0.5662i	-0.3236-0.0658i
42.6	-0.8033+0.2855i	-0.1629+0.5403i	-16.3270-1.1866i	-0.7390+0.7484i	0.4568-0.0222i	1.6880-1.4846i	-1.0642+0.6239i	-0.3468-0.0019i
42.7	-0.7610+0.2912i	-0.1067+0.5327i	-16.2323-1.2651i	-0.6828+0.7224i	0.4557-0.0403i	1.5725-1.3830i	-0.9842+0.6533i	-0.3038+0.0827i
42.8	-0.7057+0.2674i	-0.0936+0.4485i	-16.2822-1.3236i	-0.7182+0.6901i	0.4911-0.0398i	2.0152-1.2232i	-0.9723+0.5873i	-0.1847+0.0354i
42.9	-0.7506+0.2547i	-0.1246+0.4441i	-16.5207-1.2477i	-0.7724+0.8011i	0.5114-0.0867i	2.2025-1.7393i	-1.0704+0.6415i	-0.2418-0.0617i
43.0	-0.7536+0.3011i	-0.0928+0.4718i	-16.6824-1.1511i	-0.6967+0.8837i	0.4830-0.1173i	1.9601-1.9355i	-1.0439+0.7565i	-0.3184-0.0036i
43.1	-0.6951+0.3504i	-0.0841+0.4310i	-16.6751-1.0965i	-0.5995+0.9181i	0.4857-0.1126i	1.8675-1.9194i	-0.9574+0.8192i	-0.3003+0.0633i
43.2	-0.5901+0.3364i	-0.1445+0.4126i	-16.7523-1.1638i	-0.5206+0.9001i	0.5247-0.1535i	2.0807-1.9857i	-0.8657+0.8184i	-0.2001+0.0653i
43.3	-0.5939+0.2606i	-0.1216+0.4596i	-16.8388-1.1339i	-0.4865+0.8636i	0.4610-0.2202i	1.8280-2.2778i	-0.8232+0.7873i	-0.2233+0.0096i
43.4	-0.6551+0.2786i	-0.1045+0.4088i	-16.9073-1.0732i	-0.5281+0.8644i	0.3985-0.1838i	1.7088-2.1259i	-0.8626+0.7540i	-0.2740+0.0002i

43.5	-0.6706+0.3445i	-0.1638+0.3677i	-17.0384-1.0095i	-0.5586+0.9531i	0.4429-0.1225i	1.9368-2.1450i	-0.9407+0.8116i	-0.2950+0.0204i
43.6	-0.6116+0.3916i	-0.2501+0.3914i	-17.1995-1.0568i	-0.4611+1.0863i	0.5241-0.1776i	2.0063-2.6529i	-0.9278+0.9913i	-0.3033+0.0550i
43.7	-0.5295+0.3927i	-0.2753+0.4631i	-17.1602-1.0148i	-0.3183+1.1290i	0.5278-0.2625i	1.8249-3.0577i	-0.8135+1.1026i	-0.2981+0.0660i
43.8	-0.5011+0.4005i	-0.2731+0.4948i	-17.2500-0.8978i	-0.2228+1.1346i	0.4715-0.2985i	1.4338-3.1458i	-0.6950+1.1391i	-0.3078+0.0683i
43.9	-0.4893+0.4019i	-0.2714+0.4909i	-17.2812-0.8303i	-0.1563+1.1010i	0.4254-0.2984i	1.1120-3.0312i	-0.5983+1.1172i	-0.2973+0.0752i
44.0	-0.4550+0.4193i	-0.2978+0.5061i	-17.2043-0.9335i	-0.1023+1.0829i	0.3933-0.2872i	1.0504-2.8305i	-0.5433+1.0781i	-0.3217+0.0602i
44.1	-0.4524+0.4146i	-0.2530+0.5667i	-17.4324-1.0620i	-0.0817+1.0730i	0.3584-0.2159i	1.1055-2.8533i	-0.5764+1.0520i	-0.4081+0.1206i
44.2	-0.4217+0.4682i	-0.2734+0.5373i	-17.5201-0.9567i	-0.0041+1.1154i	0.4195-0.2153i	0.9252-2.9232i	-0.5274+1.1498i	-0.3600+0.1846i
44.3	-0.3194+0.4810i	-0.3420+0.5742i	-17.6201-0.7910i	0.1093+1.0746i	0.4491-0.2606i	0.9201-2.7646i	-0.4081+1.1625i	-0.3208+0.1962i
44.4	-0.2193+0.4403i	-0.3838+0.6780i	-17.7651-0.8710i	0.1779+0.9942i	0.4814-0.2972i	1.1882-2.7971i	-0.3626+1.1323i	-0.3277+0.2201i
44.5	-0.1975+0.3787i	-0.3329+0.7349i	-17.8490-1.0004i	0.2173+0.9376i	0.4716-0.3295i	1.0182-3.0064i	-0.3195+1.1258i	-0.3131+0.2473i
44.6	-0.1972+0.3192i	-0.2775+0.7718i	-17.8483-0.9465i	0.2415+0.8814i	0.4503-0.3680i	0.7760-3.0941i	-0.2361+1.1123i	-0.2662+0.2497i
44.7	-0.2243+0.3072i	-0.2220+0.7475i	-18.0294-0.9884i	0.2467+0.8592i	0.4149-0.3776i	0.6099-3.0829i	-0.1957+1.0908i	-0.2708+0.2577i
44.8	-0.2357+0.2999i	-0.1478+0.7385i	-18.0295-0.7605i	0.2587+0.8068i	0.3816-0.3753i	0.3109-3.0249i	-0.1177+1.0641i	-0.2051+0.3144i
44.9	-0.2270+0.3516i	-0.2598+0.6664i	-18.0308-0.7373i	0.2132+0.8174i	0.4055-0.3252i	0.4650-2.5953i	-0.1478+0.9848i	-0.1646+0.2373i
45.0	-0.1839+0.3511i	-0.2856+0.7604i	-18.1506-0.7146i	0.2634+0.8551i	0.4435-0.3590i	0.6458-2.7955i	-0.1682+1.0427i	-0.2121+0.2348i
45.1	-0.1717+0.3483i	-0.2404+0.7197i	-18.2762-0.7085i	0.2884+0.8245i	0.4440-0.3816i	0.5237-2.8071i	-0.1300+1.0251i	-0.1847+0.2405i
45.2	-0.1216+0.3549i	-0.2937+0.7146i	-18.4417-0.6990i	0.3265+0.8520i	0.4695-0.4265i	0.5607-2.9393i	-0.1101+1.0656i	-0.1827+0.2259i
45.3	-0.0859+0.3219i	-0.3487+0.7434i	-18.5818-0.7125i	0.3874+0.8403i	0.4482-0.5027i	0.4167-3.0589i	-0.0450+1.0927i	-0.1920+0.2129i
45.4	-0.0913+0.3125i	-0.4091+0.7817i	-18.7375-0.7014i	0.4450+0.8023i	0.3784-0.5345i	0.0488-2.9398i	0.0499+1.0668i	-0.2110+0.2150i
45.5	-0.0858+0.2951i	-0.3519+0.8982i	-18.8572-0.7688i	0.4049+0.7390i	0.3347-0.4871i	0.2695-2.7294i	0.0187+0.9790i	-0.2214+0.2589i
45.6	-0.0915+0.3014i	-0.3781+0.9147i	-19.0195-0.6449i	0.3895+0.7862i	0.3614-0.4733i	0.3866-2.9472i	-0.0219+1.0248i	-0.2055+0.2697i
45.7	-0.0551+0.3289i	-0.4237+1.1036i	-19.1519-0.5866i	0.4987+0.7551i	0.3361-0.5213i	0.1004-2.6631i	0.1074+1.0335i	-0.1970+0.2959i
45.8	-0.0420+0.3433i	-0.3010+1.1730i	-19.4044-0.6451i	0.4706+0.7380i	0.3501-0.5214i	0.4785-2.6087i	0.0567+0.9990i	-0.1963+0.2979i
45.9	-0.0030+0.3642i	-0.2681+1.1382i	-19.6872-0.4935i	0.5006+0.7708i	0.3463-0.5604i	0.4695-2.9677i	0.0604+1.0676i	-0.1958+0.3315i
46.0	0.0451+0.3355i	-0.2578+1.2225i	-19.8354-0.2249i	0.5526+0.7619i	0.3323-0.5984i	0.2907-3.1053i	0.1217+1.1045i	-0.1587+0.3417i
46.1	0.0581+0.3075i	-0.1321+1.2949i	-19.8341-0.0041i	0.6028+0.7552i	0.2987-0.6399i	0.1085-3.2314i	0.2041+1.1452i	-0.1343+0.3336i
46.2	0.0741+0.3164i	-0.1017+1.2884i	-19.9056-0.0135i	0.6761+0.7430i	0.2446-0.6623i	-0.2191-3.1498i	0.3261+1.1480i	-0.1315+0.3360i
46.3	0.0720+0.3565i	-0.0939+1.3112i	-20.0089-0.0356i	0.7153+0.6769i	0.2220-0.6442i	-0.2886-2.6979i	0.3791+1.0414i	-0.1330+0.3222i
46.4	0.1406+0.4128i	-0.1221+1.3479i	-20.1902+0.0474i	0.7108+0.6529i	0.2282-0.6631i	-0.0272-2.5789i	0.3376+1.0034i	-0.1666+0.3133i
46.5	0.2196+0.3805i	-0.1278+1.4935i	-19.9709+0.1444i	0.7222+0.6466i	0.2012-0.6850i	0.1337-2.6311i	0.3245+1.0321i	-0.2108+0.3576i
46.6	0.2524+0.3244i	-0.0074+1.5929i	-19.9738+0.0879i	0.7395+0.6016i	0.1652-0.6812i	0.1768-2.6759i	0.3733+1.0246i	-0.1714+0.4212i
46.7	0.2985+0.2803i	0.0991+1.6466i	-20.1262-0.0088i	0.7688+0.5949i	0.1671-0.6878i	0.3108-2.8956i	0.4026+1.0338i	-0.1374+0.4377i
46.8	0.3039+0.2812i	0.2250+1.7258i	-20.5232+0.0105i	0.8308+0.6442i	0.1464-0.7210i	0.1212-3.2156i	0.4739+1.1203i	-0.1149+0.4658i
46.9	0.3153+0.2887i	0.3813+1.7002i	-20.7798+0.2587i	0.8817+0.5892i	0.1118-0.7210i	-0.0073-3.0685i	0.5576+1.0927i	-0.0684+0.4852i
47.0	0.3997+0.2919i	0.4555+1.6525i	-20.7618+0.5107i	0.9335+0.5385i	0.0957-0.7363i	0.0167-3.1388i	0.6416+1.0524i	-0.0273+0.4881i
47.1	0.4712+0.2283i	0.5181+1.7346i	-20.6893+0.4246i	0.9530+0.5469i	0.0826-0.7696i	-0.0456-3.3907i	0.6722+1.0556i	-0.0036+0.4654i
47.2	0.4762+0.1780i	0.7085+1.7692i	-20.7975+0.4524i	1.0183+0.5284i	-0.0047-0.7957i	-0.4297-3.4902i	0.7866+1.0665i	0.0347+0.4859i
47.3	0.4723+0.1516i	0.8811+1.6823i	-20.9906+0.5095i	1.0677+0.4488i	-0.0818-0.7462i	-0.7207-3.1602i	0.8864+0.9679i	0.0797+0.4705i
47.4	0.4956+0.1392i	1.0129+1.5558i	-21.3142+0.6495i	1.1061+0.3655i	-0.1098-0.6927i	-0.7467-2.8275i	0.9494+0.8516i	0.1104+0.4459i
47.5	0.5107+0.1302i	1.0695+1.4102i	-21.4945+0.6584i	1.0909+0.3138i	-0.1006-0.6408i	-0.5444-2.6407i	0.9409+0.7692i	0.1350+0.4202i
47.6	0.5849+0.1384i	1.1018+1.2607i	-21.4476+0.7659i	1.1122+0.2713i	-0.0930-0.6384i	-0.3774-2.6023i	0.9701+0.7026i	0.1640+0.3946i
47.7	0.6569+0.1056i	1.0944+1.2506i	-21.5597+0.8131i	1.0989+0.2452i	-0.0823-0.6781i	-0.0882-2.7182i	0.9453+0.6898i	0.1668+0.3937i
47.8	0.6856+0.0198i	1.1520+1.2098i	-21.7360+0.8911i	1.1263+0.2155i	-0.1136-0.7040i	-0.1733-3.0488i	0.9850+0.6732i	0.1911+0.3875i
47.9	0.6754-0.0128i	1.1943+1.1184i	-21.7872+1.0756i	1.1377+0.1638i	-0.1482-0.6968i	-0.3272-2.9814i	1.0177+0.6138i	0.2137+0.3589i
48.0	0.7369-0.0409i	1.2177+1.0302i	-21.9837+1.2774i	1.1617+0.1367i	-0.1883-0.6855i	-0.3460-3.1256i	1.0694+0.5694i	0.2301+0.3378i
48.1	0.7355-0.1325i	1.2470+0.9415i	-22.1423+1.2229i	1.1516+0.0716i	-0.2159-0.6239i	-0.4918-3.0664i	1.0605+0.4649i	0.2469+0.2990i
48.2	0.7703-0.1610i	1.2813+0.8602i	-22.2447+1.3205i	1.1837+0.0432i	-0.2133-0.6262i	-0.5361-3.0981i	1.0840+0.4399i	0.2584+0.2751i
48.3	0.8043-0.1570i	1.2538+0.7985i	-22.3864+1.3417i	1.2198+0.0249i	-0.2226-0.6282i	-0.6229-2.9349i	1.1170+0.4160i	0.2461+0.2599i
48.4	0.8657-0.2239i	1.2480+0.7228i	-22.6411+1.5296i	1.2305-0.0436i	-0.2453-0.6058i	-0.3102-2.8793i	1.1504+0.3493i	0.2627+0.2573i
48.5	0.8834-0.2693i	1.2170+0.6678i	-22.7461+1.4977i	1.2281-0.0631i	-0.2619-0.5987i	-0.2232-3.0322i	1.1644+0.3076i	0.2734+0.2376i
48.6	0.9362-0.3563i	1.2201+0.6472i	-22.9934+1.5752i	1.2486-0.0855i	-0.2795-0.5887i	-0.1551-3.3719i	1.1867+0.2580i	0.2997+0.1925i
48.7	0.9245-0.4309i	1.2312+0.6024i	-23.2799+1.8145i	1.2772-0.1070i	-0.3115-0.5597i	-0.3969-3.5859i	1.2175+0.1857i	0.2880+0.1355i
48.8	0.9036-0.5242i	1.1700+0.4950i	-23.3629+2.0897i	1.3065-0.1983i	-0.3082-0.5077i	-0.7978-3.5125i	1.1889+0.0716i	0.2361+0.1254i
48.9	0.9008-0.5717i	1.1333+0.4610i	-23.4562+2.1734i	1.3275-0.2729i	-0.2738-0.4879i	-0.9462-3.2794i	1.1880+0.0191i	0.2519+0.1454i
49.0	0.8839-0.6268i	1.1027+0.4747i	-23.5227+2.2228i	1.3084-0.3425i	-0.2565-0.5154i	-0.8793-3.1787i	1.1660-0.0420i	0.2586+0.1147i
49.1	0.9061-0.6777i	1.1315+0.4915i	-23.7844+2.3820i	1.3410-0.3514i	-0.2775-0.5373i	-0.8156-3.4387i	1.1792-0.0665i	0.2397+0.0910i
49.2	0.8683-0.6267i	1.1659+0.4413i	-24.2159+2.4243i	1.3802-0.3401i	-0.2702-0.5277i	-1.0715-3.3441i	1.1915-0.0674i	0.2219+0.0940i
49.3	0.9176-0.6314i	1.1045+0.3964i	-24.2839+2.7819i	1.3923-0.4290i	-0.2702-0.5344i	-0.9535-3.0778i	1.1815-0.1372i	0.2257+0.0948i
49.4	0.9702-0.7089i	1.0686+0.3791i	-24.2825+3.0266i	1.3766-0.5164i	-0.2736-0.5435i	-0.8017-3.1656i	1.1596-0.2089i	0.2421+0.0855i
49.5	0.9759-0.7664i	1.0565+0.3616i	-24.6303+3.1084i	1.3879-0.5670i	-0.2803-0.5274i	-0.9808-3.0903i	1.1442-0.2622i	0.2424+0.0638i
49.6	1.0276-0.8295i	1.0255+0.3365i	-24.8484+3.5070i	1.3817-0.6451i	-0.2669-0.5352i	-0.7294-2.9778i	1.1041-0.3275i	0.2438+0.0447i
49.7	1.0964-0.9613i	1.0575+0.3589i	-25.0194+4.0485i	1.4016-0.6973i	-0.2979-0.5734i	-0.5418-3.5319i	1.1196-0.3581i	0.2613+0.0199i

49.8	1.1395-1.0474i	1.1058+0.3223i	-25.2033+4.4417i	1.4621-0.7446i	-0.3356-0.5806i	-0.8209-3.8888i	1.1725-0.4089i	0.2750-0.0160i
49.9	1.1718-1.1297i	1.1182+0.2422i	-25.3193+4.6636i	1.5418-0.8099i	-0.3596-0.5641i	-1.3556-3.8513i	1.2129-0.4804i	0.2684-0.0534i
50.0	1.1297-1.2501i	1.1045+0.2181i	-25.3094+4.8919i	1.5048-0.9459i	-0.3733-0.5605i	-1.3980-3.5245i	1.1665-0.5750i	0.2531-0.0851i
50.1	1.0954-1.4029i	1.0799+0.1533i	-25.1018+5.3768i	1.4574-1.0949i	-0.4030-0.5653i	-1.5009-3.4545i	1.1121-0.6940i	0.2283-0.1431i
50.2	1.1108-1.5273i	1.0389+0.0931i	-25.1515+5.7657i	1.4511-1.2222i	-0.4402-0.5450i	-1.5355-3.3035i	1.0660-0.8125i	0.1728-0.1765i
50.3	1.0917-1.6270i	1.0010+0.0559i	-25.0872+6.0834i	1.4099-1.3270i	-0.4407-0.5065i	-1.4491-3.2138i	0.9925-0.8783i	0.1336-0.1569i
50.4	1.0591-1.7407i	0.9425+0.0519i	-25.0576+6.3575i	1.3304-1.4328i	-0.4379-0.5106i	-1.2151-3.1139i	0.9105-0.9350i	0.1231-0.1693i
50.5	1.0295-1.8789i	0.9799+0.0965i	-24.9805+6.6299i	1.2396-1.4794i	-0.4389-0.5035i	-0.8407-3.5084i	0.8268-0.9396i	0.1248-0.1707i
50.6	0.9380-2.0379i	1.0035+0.0494i	-24.9097+6.9138i	1.2005-1.5445i	-0.4410-0.5115i	-1.1884-3.8938i	0.8081-0.9799i	0.1365-0.2146i
50.7	0.8932-2.1762i	0.9994-0.0582i	-24.8540+7.4246i	1.2113-1.6645i	-0.4631-0.5274i	-1.5322-3.9127i	0.7921-1.1112i	0.1019-0.3113i
50.8	0.8305-2.3593i	0.9080-0.1041i	-24.7271+7.9428i	1.1483-1.8283i	-0.4585-0.5387i	-1.6575-3.7779i	0.6796-1.1957i	0.0231-0.3147i
50.9	0.6397-2.5736i	0.8334-0.1007i	-24.3221+8.2265i	1.0109-1.9608i	-0.4904-0.5802i	-1.8078-3.8162i	0.5540-1.2398i	-0.0382-0.3470i
51.0	0.4624-2.7086i	0.8336-0.1359i	-24.1445+8.5098i	0.9073-2.0875i	-0.5592-0.5675i	-1.9370-3.7860i	0.4478-1.3321i	-0.1325-0.3775i
51.1	0.1654-2.7565i	0.7995-0.1609i	-23.5450+8.3854i	0.6574-2.1347i	-0.5763-0.5325i	-2.0575-3.7455i	0.2492-1.3253i	-0.2011-0.3415i
51.2	-0.0506-2.8558i	0.7205-0.1793i	-22.9913+8.5034i	0.4863-2.2212i	-0.5853-0.5298i	-2.2244-3.6815i	0.0982-1.3192i	-0.2615-0.3109i
51.3	-0.1827-2.8589i	0.6823-0.2082i	-23.0192+8.6901i	0.3955-2.2363i	-0.6005-0.5453i	-2.2837-3.6473i	0.0270-1.3095i	-0.2944-0.3119i
51.4	-0.3837-2.8947i	0.6003-0.2207i	-22.6326+8.8257i	0.2335-2.2878i	-0.6432-0.5731i	-2.3952-3.4752i	-0.0985-1.2994i	-0.3686-0.3124i
51.5	-0.5301-2.9338i	0.5315-0.2277i	-22.2376+8.8171i	0.0890-2.3238i	-0.6911-0.5824i	-2.4041-3.4425i	-0.2054-1.2902i	-0.4379-0.3017i
51.6	-0.7428-2.9752i	0.4179-0.1815i	-21.8424+8.5239i	-0.1033-2.3479i	-0.7558-0.5795i	-2.4454-3.3126i	-0.3704-1.2626i	-0.5539-0.2414i
51.7	-0.9320-2.9918i	0.3734-0.0902i	-21.8446+8.4781i	-0.2571-2.3398i	-0.8211-0.5818i	-2.2833-3.3603i	-0.4812-1.1822i	-0.6057-0.1642i
51.8	-1.1465-2.9219i	0.4212-0.0523i	-21.4607+8.2017i	-0.4360-2.2645i	-0.8622-0.5406i	-2.2952-3.5362i	-0.5673-1.0561i	-0.5732-0.0759i
51.9	-1.3062-2.7436i	0.4292-0.0802i	-21.4333+7.5914i	-0.5181-2.0705i	-0.8824-0.5514i	-2.5805-3.5765i	-0.5799-0.9167i	-0.5711-0.1035i
52.0	-1.4684-2.7256i	0.3126-0.1007i	-21.2921+7.7659i	-0.5704-2.0862i	-1.0633-0.6220i	-2.9463-3.2453i	-0.6190-0.8921i	-0.7639-0.1307i
52.1	-1.5249-2.6653i	0.2751-0.0579i	-21.7136+7.8179i	-0.6254-2.0678i	-1.1588-0.5833i	-2.7322-3.0700i	-0.6298-0.8513i	-0.8199-0.0715i
52.2	-1.6646-2.4421i	0.2838+0.0616i	-21.9559+7.3275i	-0.7659-1.8763i	-1.2312-0.4716i	-2.2330-3.1443i	-0.6916-0.6914i	-0.8520+0.0218i
52.3	-1.7987-2.2538i	0.3510+0.0978i	-21.6480+6.9517i	-0.8523-1.7258i	-1.3400-0.2828i	-2.2523-3.4318i	-0.7267-0.5578i	-0.9326+0.1809i
52.4	-1.7406-2.1323i	0.3749+0.0369i	-22.0704+6.8916i	-0.7752-1.6573i	-1.2879-0.0675i	-2.6692-3.5345i	-0.6480-0.4585i	-0.8948+0.4524i
52.5	-1.9360-2.0528i	0.2809-0.0448i	-22.0992+7.0310i	-0.9719-1.6591i	-1.1144+0.0097i	-2.7875-3.0041i	-0.6633-0.3827i	-0.5540+0.5844i
52.6	-2.0258-2.1286i	0.1352-0.0990i	-22.0568+7.4881i	-1.0937-1.6769i	-1.1251-0.1233i	-2.5978-3.0437i	-0.6973-0.4179i	-0.4854+0.3468i
52.7	-2.0181-2.1706i	-0.0402+0.0121i	-22.2568+7.6861i	-1.0404-1.5988i	-1.3102-0.2764i	-2.5233-3.5414i	-0.6906-0.4292i	-0.7623+0.0962i
52.8	-2.3253-1.9645i	-0.0718+0.3519i	-22.0266+7.2985i	-1.1483-1.4948i	-1.5329+0.0242i	-2.7544-3.3198i	-0.7542-0.2884i	-1.0064+0.4396i
52.9	-2.5325-1.9205i	-0.0305+0.5286i	-21.6711+7.7376i	-1.2554-1.5195i	-1.6849+0.2081i	-2.8366-3.4379i	-0.7942-0.2325i	-1.1170+0.6615i
53.0	-2.5485-1.8979i	0.1010+0.5554i	-21.9170+7.9435i	-1.2321-1.5515i	-1.7755+0.3549i	-3.0478-3.7540i	-0.7283-0.2145i	-1.1670+0.8039i
53.1	-2.6732-1.7402i	0.2013+0.5609i	-21.7646+7.8325i	-1.3147-1.5126i	-1.7719+0.6560i	-3.3087-3.7522i	-0.7124-0.1510i	-1.1450+1.0760i
53.2	-2.7899-1.5492i	0.2295+0.5909i	-21.3135+7.5094i	-1.4492-1.4482i	-1.6593+0.9389i	-3.5403-3.5611i	-0.6974-0.1114i	-0.9947+1.3161i
53.3	-2.7065-1.3530i	0.2981+0.6213i	-21.3951+7.0252i	-1.4364-1.2979i	-1.4456+1.0908i	-3.6257-3.6574i	-0.6108-0.0470i	-0.8190+1.4248i
53.4	-2.7696-1.3423i	0.3470+0.6444i	-21.7343+6.9920i	-1.4730-1.2988i	-1.2926+1.2421i	-3.9864-3.7322i	-0.5512-0.0448i	-0.6435+1.5859i
53.5	-2.8425-1.2782i	0.3238+0.6433i	-21.9527+7.1574i	-1.5039-1.2779i	-1.2337+1.2066i	-4.3302-3.5165i	-0.5211-0.1218i	-0.5655+1.4562i
53.6	-2.8828-1.2391i	0.3208+0.6925i	-21.7675+7.0601i	-1.5469-1.3128i	-1.2368+1.3263i	-4.6471-3.2144i	-0.5713-0.2080i	-0.6594+1.5592i
53.7	-3.1217-0.9534i	0.4219+0.8034i	-21.7667+6.2731i	-1.7804-1.1864i	-1.0632+1.6535i	-4.6585-2.3997i	-0.7288-0.1323i	-0.5118+1.9160i
53.8	-2.9254-0.7019i	0.5724+0.7674i	-22.8203+5.6773i	-1.6994-1.0158i	-0.7656+1.6714i	-4.1287-2.2417i	-0.6570-0.0114i	-0.1993+1.9744i
53.9	-3.0058-0.4550i	0.6141+0.8034i	-22.5460+5.3160i	-1.8755-0.9395i	-0.4490+1.9364i	-3.8333-1.8906i	-0.6961+0.0817i	0.1526+2.2792i
54.0	-2.9080-0.3618i	0.5560+0.7429i	-22.9420+5.4616i	-1.9150-0.8428i	-0.0836+1.8415i	-3.6730-1.7651i	-0.6214+0.1004i	0.5389+2.1621i
54.1	-2.8005-0.2946i	0.3965+0.8777i	-23.5190+5.1515i	-1.9356-0.6279i	0.1321+1.4893i	-2.9835-1.9272i	-0.6273+0.0916i	0.6718+1.7001i
54.2	-2.8063-0.2717i	0.6037+1.2542i	-24.4283+5.1720i	-1.7959-0.5176i	-0.0428+1.3498i	-2.8829-2.6945i	-0.6482+0.1431i	0.3601+1.6798i
54.3	-2.7326-0.1558i	1.1093+1.2453i	-25.0338+6.0531i	-1.7500-0.6024i	0.1032+1.5314i	-3.0442-2.9678i	-0.5704+0.1838i	0.6720+2.0274i
54.4	-2.7618-0.0751i	1.3530+1.1588i	-25.1736+6.5869i	-1.8812-0.5860i	0.3600+1.5665i	-3.1356-3.1912i	-0.5821+0.1874i	1.0112+2.0700i
54.5	-2.7883+0.0690i	1.6111+0.9972i	-25.1234+6.9039i	-2.0287-0.4864i	0.6621+1.5225i	-3.2940-3.4851i	-0.6016+0.2127i	1.3975+2.0172i
54.6	-2.7448+0.1062i	1.7126+0.7345i	-25.2880+7.2698i	-2.0466-0.4071i	0.8117+1.4157i	-3.7687-3.6706i	-0.5517+0.2154i	1.6109+1.8836i
54.7	-2.6660+0.2165i	1.7111+0.4803i	-25.6832+7.0735i	-1.9869-0.2268i	0.9631+1.1961i	-4.1748-3.4759i	-0.5073+0.2629i	1.8043+1.6278i
54.8	-2.5556+0.4363i	1.8699+0.3908i	-26.3017+7.2128i	-1.9529-0.1108i	1.1665+0.9756i	-3.8650-3.3971i	-0.4628+0.2893i	2.1484+1.3990i
54.9	-2.3968+0.4328i	1.9796+0.1788i	-26.5925+7.5174i	-1.9097-0.0872i	1.2034+0.7437i	-3.9392-3.8048i	-0.4054+0.2579i	2.2863+1.0842i
55.0	-2.4049+0.3520i	1.9530-0.1093i	-26.4229+8.0448i	-1.9807-0.0812i	1.2001+0.5871i	-4.4402-3.9576i	-0.4188+0.1773i	2.3436+0.7992i
55.1	-2.4096+0.3625i	1.7975-0.3687i	-26.4829+7.7876i	-1.9954+0.0374i	1.1353+0.3543i	-4.9987-3.8144i	-0.4571+0.1613i	2.2608+0.4378i
55.2	-2.2565+0.3909i	1.5757-0.5843i	-27.2179+7.8557i	-1.8617+0.1723i	0.9914+0.0568i	-5.2468-3.7005i	-0.4281+0.1868i	2.0746+0.0149i
55.3	-2.2647+0.3662i	1.3181-0.6841i	-27.2119+7.8790i	-1.8382+0.2516i	0.8603-0.1513i	-5.5038-3.5853i	-0.4589+0.1558i	1.8751-0.3152i
55.4	-2.3570+0.4104i	1.0861-0.5082i	-27.3343+8.0612i	-1.8215+0.3490i	0.6012-0.2609i	-5.7074-3.4901i	-0.5701+0.1690i	1.4493-0.4677i
55.5	-2.4506+0.4344i	1.3801-0.3207i	-27.9158+9.5620i	-1.8051+0.2406i	0.3446-0.0063i	-6.0563-3.5263i	-0.6221+0.2257i	1.1949-0.0759i
55.6	-2.3746+0.4599i	1.4929-0.6672i	-27.9279+9.9263i	-1.8309+0.2460i	0.4174+0.0831i	-6.3325-3.5201i	-0.5762+0.2728i	1.3449-0.0540i
55.7	-2.3914+0.5551i	1.3600-0.8821i	-28.0361+9.6763i	-1.8766+0.3569i	0.4435+0.1080i	-6.7499-3.1945i	-0.5751+0.3340i	1.3750-0.0687i
55.8	-2.3996+0.5994i	1.2237-1.0173i	-28.1073+10.1413i	-1.8721+0.4270i	0.4092+0.1344i	-7.1077-2.8674i	-0.5728+0.3533i	1.3349-0.1100i
55.9	-2.3944+0.6598i	0.9901-1.0468i	-28.2897+10.0992i	-1.8499+0.5250i	0.4132+0.1307i	-7.2571-2.4995i	-0.5785+0.3983i	1.2885-0.1204i
56.0	-2.4388+0.7333i	0.8840-1.0092i	-29.0424+10.5790i	-1.8927+0.5730i	0.5431+0.1176i	-7.2204-2.1730i	-0.5980+0.4342i	1.4480-0.1400i

56.1	−2.4498+0.8599i	0.9004−1.0836i	−29.0472+11.2536i	−1.9513+0.6481i	0.6190+0.0380i	−7.1642−1.9480i	−0.6046+0.4757i	1.5602−0.3446i
56.2	−2.3992+0.9125i	0.7349−1.2340i	−28.8274+11.4342i	−1.9060+0.7735i	0.5118+0.0002i	−7.4498−1.8468i	−0.5701+0.5304i	1.3639−0.4600i
56.3	−2.4259+0.9335i	0.5868−1.2673i	−29.2914+12.4891i	−1.9015+0.8262i	0.4687−0.0072i	−7.7148−1.7142i	−0.5644+0.5371i	1.2522−0.4985i
56.4	−2.3866+1.1008i	0.3304−1.2740i	−29.2574+12.4101i	−1.8543+1.0040i	0.5200−0.0357i	−7.8634−1.2076i	−0.5228+0.6302i	1.2190−0.5362i
56.5	−2.4677+1.2434i	0.1630−1.2704i	−28.5228+13.4096i	−1.9142+1.1347i	0.5586−0.0899i	−8.1443−0.7995i	−0.5457+0.6764i	1.1997−0.5867i
56.6	−2.3702+1.2566i	0.1086−1.1744i	−28.9968+14.0540i	−1.7974+1.1661i	0.5100−0.1349i	−8.0530−0.6055i	−0.4816+0.6742i	1.1495−0.6267i
56.7	−2.2247+1.3459i	−0.0562−1.0910i	−29.7887+13.8692i	−1.6323+1.2789i	0.4626−0.1684i	−7.9521−0.2259i	−0.3769+0.7159i	1.0884−0.6720i
56.8	−2.1777+1.4519i	−0.1786−1.0449i	−29.8713+14.3666i	−1.5637+1.3777i	0.4291−0.2017i	−8.0221+0.0924i	−0.3363+0.7439i	1.0141−0.7346i
56.9	−2.1720+1.6308i	−0.3506−0.9605i	−28.7641+15.2062i	−1.5643+1.5204i	0.4877−0.2468i	−8.1086+0.6829i	−0.3424+0.7778i	1.0216−0.7856i
57.0	−1.9728+1.7670i	−0.5697−0.7237i	−28.2223+14.2919i	−1.3717+1.6736i	0.4768−0.3477i	−7.7995+1.2141i	−0.2900+0.8292i	0.9330−0.8850i
57.1	−1.8937+1.8940i	−0.6446−0.4865i	−28.1645+15.5663i	−1.3017+1.7774i	0.4684−0.5081i	−7.6241+1.6070i	−0.2887+0.8806i	0.8967−1.0867i
57.2	−1.8711+1.8296i	−0.4666−0.5159i	−27.8374+17.8256i	−1.2763+1.6804i	0.2944−0.5607i	−7.5697+1.5512i	−0.2726+0.8045i	0.6566−1.2664i
57.3	−1.7618+1.8539i	−0.5517−0.5111i	−26.9813+17.2266i	−1.1781+1.7325i	0.1904−0.5017i	−7.3745+1.6899i	−0.2379+0.8286i	0.4555−1.1651i
57.4	−1.7174+1.8966i	−0.6266−0.4259i	−26.7903+17.6752i	−1.1043+1.7795i	0.1084−0.4243i	−7.4144+1.8517i	−0.2233+0.8454i	0.2821−1.0290i
57.5	−1.7039+1.9177i	−0.6385−0.3406i	−26.8814+18.6574i	−1.0690+1.7876i	0.1002−0.3809i	−7.4704+1.9748i	−0.2133+0.8439i	0.2488−0.9576i
57.6	−1.6296+1.9330i	−0.6345−0.1743i	−26.6185+19.2857i	−0.9628+1.8314i	0.0689−0.3622i	−7.3385+2.1177i	−0.1690+0.9020i	0.1838−0.8991i
57.7	−1.5543+1.9605i	−0.6115−0.0862i	−26.8265+19.7085i	−0.8869+1.8704i	0.0663−0.3514i	−7.2005+2.2347i	−0.1422+0.9300i	0.1667−0.8823i
57.8	−1.3785+2.0223i	−0.6085+0.0030i	−26.6537+18.5952i	−0.7388+1.9628i	0.0561−0.3758i	−6.8647+2.3350i	−0.0864+1.0005i	0.1761−0.8485i
57.9	−1.4677+2.0948i	−0.5961−0.0552i	−25.1771+20.5997i	−0.7235+1.9603i	0.0154−0.2720i	−7.3765+2.5496i	−0.0376+0.9962i	0.1212−0.7445i
58.0	−1.3280+2.1354i	−0.6474+0.0657i	−24.3367+20.9084i	−0.5765+1.9422i	0.0335−0.2046i	−7.2083+2.9993i	0.0593+0.9917i	0.0793−0.6341i
58.1	−1.1241+2.1653i	−0.6486+0.1971i	−23.8921+19.8680i	−0.4437+1.9542i	0.1451−0.1872i	−6.8186+3.3343i	0.1583+1.0066i	0.1983−0.5562i
58.2	−1.0245+2.0579i	−0.6698+0.2761i	−23.9635+20.5800i	−0.3795+1.9485i	0.2500−0.3571i	−6.6293+3.2766i	0.2306+0.9697i	0.3702−0.7857i
58.3	−1.0855+2.0631i	−0.7408+0.4602i	−23.0113+21.3515i	−0.3208+1.9731i	0.1109−0.5050i	−6.8235+3.4774i	0.2460+0.9061i	0.1117−1.0004i
58.4	−1.0833+2.1162i	−0.6081+0.6469i	−22.0918+22.1679i	−0.2491+1.9664i	0.0036−0.4759i	−6.7757+3.8436i	0.2675+0.8916i	−0.0706−0.9266i
58.5	−1.0572+2.1760i	−0.3312+0.6518i	−20.8865+22.7457i	−0.1716+1.9289i	−0.0654−0.4073i	−6.5637+4.1731i	0.3207+0.8705i	−0.1527−0.8796i
58.6	−1.0275+2.2931i	−0.2660+0.5628i	−19.0532+23.4205i	−0.1426+1.9759i	−0.0953−0.3474i	−6.5081+4.4243i	0.3391+0.8674i	−0.2592−0.7953i
58.7	−0.8203+2.2812i	−0.2460+0.7156i	−19.9338+21.1752i	0.0077+1.9616i	−0.0909−0.3671i	−5.9541+4.6108i	0.3813+0.8330i	−0.2931−0.7183i
58.8	−0.7657+2.2469i	−0.1539+0.6723i	−19.5843+20.1907i	0.0731+1.8668i	−0.0979−0.3238i	−5.6966+4.6452i	0.3974+0.7540i	−0.3524−0.6309i
58.9	−0.7126+2.2943i	−0.1284+0.6302i	−18.6617+19.4984i	0.1292+1.8530i	−0.0939−0.2862i	−5.5210+4.8477i	0.4111+0.7207i	−0.3994−0.5508i
59.0	−0.6249+2.3748i	−0.0716+0.6257i	−17.7489+19.1395i	0.1991+1.8530i	−0.0864−0.2637i	−5.2874+5.1167i	0.4222+0.6947i	−0.4434−0.4357i
59.1	−0.5096+2.3858i	−0.0675+0.5641i	−17.5773+18.6864i	0.2588+1.8085i	−0.0654−0.2540i	−4.9305+5.2082i	0.4052+0.6688i	−0.4535−0.3553i
59.2	−0.3655+2.3921i	−0.1013+0.4929i	−17.1712+17.5721i	0.3493+1.7655i	−0.0268−0.2226i	−4.5873+5.2503i	0.4483+0.6402i	−0.3851−0.2626i
59.3	−0.3060+2.4037i	−0.0843+0.4694i	−17.2801+18.2325i	0.3906+1.7285i	−0.0131−0.2223i	−4.4195+5.2027i	0.4645+0.6037i	−0.3634−0.1856i
59.4	−0.2404+2.4066i	−0.1337+0.5030i	−17.7108+17.7964i	0.3954+1.7310i	0.0222−0.2523i	−4.2317+5.1712i	0.4347+0.5967i	−0.3221−0.1661i
59.5	−0.1467+2.4478i	−0.1135+0.4848i	−17.3274+18.8556i	0.4338+1.7191i	0.0330−0.2563i	−4.0454+5.2556i	0.4345+0.5612i	−0.2776−0.0974i
59.6	0.0030+2.4685i	−0.1732+0.4958i	−15.9234+18.3475i	0.5261+1.7056i	0.0614−0.2714i	−3.8154+5.3872i	0.4490+0.5530i	−0.2376−0.0507i
59.7	0.1569+2.4520i	−0.2493+0.5285i	−14.7079+16.9808i	0.5925+1.6792i	0.0925−0.3002i	−3.5175+5.4398i	0.4377+0.5365i	−0.1647−0.0383i
59.8	0.2974+2.5035i	−0.2596+0.5713i	−13.1723+17.2447i	0.6439+1.7078i	0.0768−0.3591i	−3.3260+5.5876i	0.4115+0.5394i	−0.1331−0.0235i
59.9	0.3530+2.4591i	−0.2213+0.5858i	−12.7653+17.6341i	0.6828+1.6786i	0.0601−0.3873i	−3.1988+5.4712i	0.4400+0.5386i	−0.1439+0.0034i
60.0	0.4486+2.4068i	−0.2294+0.6073i	−13.0487+17.3033i	0.7171+1.6378i	0.0515−0.4086i	−3.0198+5.3791i	0.4258+0.5463i	−0.1127+0.0012i
60.1	0.6284+2.3618i	−0.2641+0.6267i	−13.1865+15.5032i	0.8016+1.6014i	0.0391−0.4433i	−2.7444+5.3461i	0.4115+0.5231i	−0.0481−0.0432i
60.2	0.8215+2.2795i	−0.3132+0.6927i	−12.5970+13.4423i	0.9024+1.5500i	0.0003−0.4901i	−2.4134+5.3065i	0.4232+0.5121i	−0.0485−0.0783i
60.3	0.8861+2.2200i	−0.3365+0.6814i	−12.7510+13.9082i	0.9179+1.5221i	−0.0356−0.4940i	−2.3923+5.2078i	0.4006+0.4974i	−0.0226−0.1150i
60.4	1.0694+2.0861i	−0.3952+0.7340i	−12.2006+11.4020i	1.0211+1.4541i	−0.0738−0.5056i	−2.0734+5.1475i	0.4257+0.5009i	−0.0166−0.1171i
60.5	1.2039+1.9993i	−0.4655+0.7482i	−11.5354+11.6127i	1.0741+1.4180i	−0.1408−0.5122i	−1.9783+5.1111i	0.4123+0.5080i	−0.0606−0.1206i
60.6	1.2351+1.8450i	−0.5144+0.8106i	−12.1450+11.8498i	1.0885+1.3497i	−0.1908−0.4812i	−1.9978+4.9825i	0.4008+0.5214i	−0.1147−0.0979i
60.7	1.3213+1.6618i	−0.6672+0.9471i	−11.3010+10.4433i	1.1349+1.2775i	−0.1947−0.4271i	−1.8703+4.9478i	0.4115+0.5428i	−0.1198−0.0658i
60.8	1.2963+1.5176i	−0.7703+1.1278i	−10.5181+11.1214i	1.1301+1.2013i	−0.1494−0.3685i	−1.8109+4.9539i	0.4251+0.5279i	−0.1073−0.0101i
60.9	1.1657+1.3711i	−0.6725+1.4102i	−13.4407+10.1995i	1.1086+1.1231i	−0.0987−0.3860i	−1.8005+4.7628i	0.4571+0.5050i	−0.0422−0.0087i
61.0	1.1507+1.3164i	−0.5715+1.6622i	−13.1416+8.3893i	1.1148+1.0955i	−0.0617−0.4491i	−1.6337+4.7471i	0.4586+0.4837i	0.0252+0.0063i
61.1	1.1517+1.2796i	−0.3824+1.8843i	−12.8735+7.1876i	1.1420+1.0712i	−0.0746−0.5228i	−1.4947+4.7048i	0.4789+0.4567i	0.0658−0.0405i
61.2	1.1698+1.1883i	−0.1219+1.9869i	−14.0368+5.6384i	1.1607+0.9992i	−0.1252−0.5727i	−1.3107+4.5957i	0.4585+0.4431i	0.0600−0.0743i
61.3	1.1625+1.1096i	0.0767+1.9787i	−16.4942+5.3034i	1.1601+0.9322i	−0.1739−0.5757i	−1.3229+4.4733i	0.4305+0.4382i	0.0501−0.0799i
61.4	1.2194+1.0657i	0.2817+2.0369i	−16.2201+3.8084i	1.1966+0.8982i	−0.2271−0.6070i	−1.1855+4.4780i	0.4075+0.4444i	0.0706−0.0940i
61.5	1.2184+1.0272i	0.3956+2.0066i	−16.4023+4.2857i	1.2017+0.8829i	−0.2676−0.6114i	−1.1771+4.4450i	0.4008+0.4611i	0.0701−0.1220i
61.6	1.1473+1.0145i	0.4934+1.9068i	−17.8322+6.3312i	1.1785+0.8468i	−0.2969−0.5970i	−1.2930+4.3770i	0.4042+0.4545i	0.0659−0.1146i
61.7	1.1963+0.9551i	0.5849+1.9180i	−17.5442+4.0104i	1.2060+0.7930i	−0.3255−0.6093i	−1.1725+4.3877i	0.4067+0.4405i	0.0683−0.1293i
61.8	1.2289+0.9154i	0.6276+1.8919i	−16.0074+3.2191i	1.2107+0.7394i	−0.3307−0.6082i	−1.0702+4.3731i	0.3991+0.4243i	0.0592−0.1299i
61.9	1.2463+0.8345i	0.7396+1.8779i	−17.0006+2.7052i	1.2078+0.6990i	−0.3758−0.6106i	−1.0256+4.3709i	0.3831+0.4586i	0.0355−0.1416i
62.0	1.2580+0.7752i	0.8066+1.8789i	−17.0932+2.7799i	1.1899+0.6726i	−0.4098−0.6183i	−1.0120+4.4802i	0.3623+0.4983i	0.0185−0.1551i
62.1	1.2608+0.6829i	0.9020+1.8260i	−18.2977+1.1193i	1.1773+0.5989i	−0.4455−0.6003i	−0.8909+4.3642i	0.3566+0.5004i	0.0080−0.1514i
62.2	1.2482+0.6907i	0.9597+1.8026i	−18.1948+2.4913i	1.1709+0.5807i	−0.4718−0.5978i	−0.8801+4.3983i	0.3809+0.4751i	−0.0104−0.1314i
62.3	1.2921+0.6415i	1.0109+1.8200i	−17.4734+1.7481i	1.1790+0.5646i	−0.5047−0.6063i	−0.7851+4.5263i	0.3831+0.5110i	−0.0350−0.1187i

62.4	1.2504+0.5066i	1.1245+1.7468i	-18.9047-0.0797i	1.1462+0.5068i	-0.5521-0.5797i	-0.6516+4.4359i	0.3891+0.5569i	-0.0317-0.1207i
62.5	1.2511+0.3698i	1.2391+1.7120i	-19.5254-2.4711i	1.1311+0.4593i	-0.5970-0.5587i	-0.3659+4.4915i	0.4115+0.6091i	-0.0416-0.1249i
62.6	1.2491+0.3840i	1.2752+1.7106i	-18.4820-1.6505i	1.1247+0.4682i	-0.6281-0.5653i	-0.2895+4.5442i	0.4286+0.6065i	-0.0474-0.0934i
62.7	1.1858+0.3071i	1.3276+1.6965i	-19.9865-2.3584i	1.0824+0.4422i	-0.6428-0.5630i	-0.1823+4.5375i	0.4484+0.6487i	-0.0426-0.0880i
62.8	1.1304+0.2385i	1.4028+1.6682i	-21.2206-4.3921i	1.0650+0.4272i	-0.6807-0.5544i	-0.0055+4.4912i	0.5012+0.6814i	-0.0500-0.0926i
62.9	1.1005+0.1968i	1.4692+1.6650i	-22.1246-6.9796i	1.0461+0.4173i	-0.7209-0.5501i	0.2132+4.4517i	0.5512+0.7099i	-0.0450-0.0926i
63.0	1.0363+0.1241i	1.5629+1.5872i	-25.9225-7.9067i	1.0088+0.3940i	-0.7661-0.5007i	0.4319+4.2750i	0.6048+0.7222i	-0.0465-0.0804i
63.1	1.0183+0.1148i	1.5975+1.5447i	-26.4927-5.8629i	0.9916+0.3867i	-0.7961-0.4770i	0.4613+4.2860i	0.6104+0.7108i	-0.0451-0.0720i
63.2	0.9832+0.0715i	1.6361+1.5308i	-26.6095-7.7000i	0.9766+0.3855i	-0.8230-0.4637i	0.5976+4.2159i	0.6544+0.7193i	-0.0346-0.0736i
63.3	0.9362+0.0223i	1.6957+1.4751i	-28.3856-8.6995i	0.9490+0.3719i	-0.8550-0.4226i	0.7041+4.0316i	0.6725+0.7002i	-0.0273-0.0595i
63.4	0.8817+0.0321i	1.7699+1.4236i	-31.0165-7.7963i	0.9355+0.3913i	-0.8925-0.3877i	0.8316+3.9270i	0.7329+0.6893i	-0.0354-0.0588i
63.5	0.8471+0.0189i	1.8298+1.3944i	-31.4244-7.9335i	0.9266+0.3960i	-0.9254-0.3519i	0.9643+3.8412i	0.7656+0.6734i	-0.0295-0.0618i
63.6	0.8273-0.0432i	1.8887+1.3838i	-30.6159-10.9689i	0.9159+0.3859i	-0.9540-0.3170i	1.1199+3.7355i	0.7795+0.6725i	-0.0140-0.0390i
63.7	0.7770+0.0035i	1.9266+1.3593i	-35.2192-8.6308i	0.9158+0.4147i	-0.9713-0.2939i	1.0575+3.5669i	0.8237+0.6258i	-0.0226-0.0432i
63.8	0.7365+0.0047i	1.9552+1.3292i	-38.1301-8.2846i	0.9119+0.4263i	-0.9851-0.2574i	1.0856+3.3055i	0.8566+0.5780i	-0.0279-0.0487i
63.9	0.7636+0.0238i	2.0074+1.3813i	-35.8852-7.3476i	0.9230+0.4571i	-1.0167-0.2366i	1.1334+3.2681i	0.8513+0.5563i	-0.0311-0.0437i
64.0	0.7319+0.0342i	2.0930+1.3571i	-38.3176-8.4184i	0.9299+0.4761i	-1.0411-0.1928i	1.1530+3.1200i	0.8678+0.5376i	-0.0195-0.0531i
64.1	0.7364-0.0123i	2.2534+1.2749i	-38.7031-8.6588i	0.9497+0.4696i	-1.0868-0.1153i	1.2765+2.9383i	0.8665+0.5090i	-0.0323-0.0619i
64.2	0.7196-0.0395i	2.3604+1.1873i	-42.1016-8.9109i	0.9683+0.4598i	-1.0957-0.0537i	1.2629+2.8068i	0.8746+0.4870i	-0.0380-0.0560i
64.3	0.7502-0.0470i	2.4893+1.1012i	-43.1832-9.1807i	0.9968+0.4681i	-1.1309-0.0042i	1.3347+2.7675i	0.8980+0.4833i	-0.0480-0.0288i
64.4	0.7479-0.0596i	2.5495+0.9922i	-43.5729-8.2573i	1.0034+0.4765i	-1.1316+0.0522i	1.2887+2.7112i	0.8834+0.4912i	-0.0538-0.0086i
64.5	0.7121-0.1061i	2.5958+0.8644i	-46.5891-6.3570i	1.0141+0.4505i	-1.1291+0.1285i	1.2359+2.5435i	0.9034+0.4670i	-0.0437+0.0174i
64.6	0.6747-0.1078i	2.5867+0.7667i	-48.4964-4.6631i	1.0142+0.4466i	-1.0882+0.1916i	1.1591+2.3838i	0.9098+0.4376i	-0.0286+0.0262i
64.7	0.6422-0.1421i	2.6306+0.6820i	-48.2893-6.6520i	1.0116+0.4491i	-1.0620+0.2495i	1.1602+2.3582i	0.8912+0.4558i	-0.0100+0.0430i
64.8	0.6220-0.1556i	2.6913+0.5904i	-49.6056-7.6872i	1.0362+0.4445i	-1.0508+0.2889i	1.1568+2.3571i	0.9174+0.4726i	-0.0044+0.0383i
64.9	0.5929-0.1538i	2.7503+0.4888i	-54.2769-7.8392i	1.0500+0.4380i	-1.0373+0.3130i	1.1031+2.2890i	0.9565+0.4738i	-0.0038+0.0385i
65.0	0.5533-0.1567i	2.7536+0.3768i	-57.3121-4.5861i	1.0499+0.4306i	-1.0105+0.3524i	1.0170+2.2203i	0.9684+0.4565i	0.0163+0.0526i
65.1	0.5421-0.1564i	2.7538+0.3143i	-55.8130-3.4672i	1.0497+0.4362i	-0.9800+0.3755i	1.0480+2.1975i	0.9822+0.4588i	0.0290+0.0585i
65.2	0.5322-0.1667i	2.7726+0.2511i	-55.4733-5.0083i	1.0503+0.4490i	-0.9424+0.3881i	1.1364+2.1754i	1.0163+0.4700i	0.0434+0.0554i
65.3	0.4784-0.1548i	2.7696+0.0878i	-60.1607-4.3347i	1.0527+0.4420i	-0.9017+0.4164i	1.1042+2.1096i	1.0612+0.4471i	0.0799+0.0397i
65.4	0.4133-0.1353i	2.7710-0.0442i	-62.0826-3.5586i	1.0515+0.4510i	-0.8641+0.4382i	1.1049+2.0414i	1.0913+0.4126i	0.1077+0.0282i
65.5	0.3899-0.0935i	2.8273-0.0991i	-63.8781-4.9018i	1.0737+0.4849i	-0.8508+0.4432i	1.1166+1.9758i	1.1221+0.3852i	0.1031+0.0071i
65.6	0.4028-0.0496i	2.8653-0.2198i	-66.5091-3.5612i	1.1117+0.5021i	-0.8551+0.4488i	1.1020+1.9362i	1.1500+0.3531i	0.1040+0.0109i
65.7	0.4296-0.0231i	2.8130-0.3065i	-63.9439-0.9984i	1.1327+0.4924i	-0.8336+0.4460i	1.0882+1.9292i	1.1400+0.3298i	0.1112+0.0094i
65.8	0.4650+0.0032i	2.7968-0.4186i	-63.8725+0.4244i	1.1465+0.4915i	-0.8336+0.4590i	1.0766+1.9172i	1.1335+0.2979i	0.1009-0.0074i
65.9	0.4866+0.0176i	2.7638-0.5108i	-65.2146+1.3270i	1.1649+0.5023i	-0.8302+0.4722i	1.0698+1.8673i	1.1400+0.2697i	0.1036-0.0100i
66.0	0.5037+0.0055i	2.7166-0.6484i	-69.3233+1.8767i	1.1806+0.4973i	-0.8261+0.5001i	1.0825+1.8087i	1.1513+0.2467i	0.1219-0.0196i
66.1	0.5436+0.0269i	2.6864-0.7756i	-69.5710+3.9402i	1.2081+0.5056i	-0.8192+0.5251i	1.1421+1.7919i	1.1601+0.2166i	0.0989-0.0288i
66.2	0.5787+0.0358i	2.6723-0.8862i	-68.3699+3.1357i	1.2454+0.5302i	-0.8097+0.5544i	1.1825+1.7828i	1.1620+0.1960i	0.0945-0.0237i
66.3	0.5915+0.0263i	2.5521-0.9959i	-74.6915+1.9611i	1.2861+0.5209i	-0.7761+0.5601i	1.1122+1.6291i	1.1654+0.1378i	0.0890-0.0410i
66.4	0.6020-0.0207i	2.4267-1.1170i	-76.2247+5.6766i	1.3161+0.5040i	-0.7459+0.6008i	1.1644+1.5195i	1.1565+0.0910i	0.1073-0.0617i
66.5	0.6265-0.0248i	2.3526-1.1638i	-77.4599+7.6097i	1.3473+0.5166i	-0.7463+0.6080i	1.1523+1.4802i	1.1471+0.0868i	0.1235-0.0693i
66.6	0.6765-0.0467i	2.2552-1.2804i	-83.2695+8.7190i	1.4149+0.5098i	-0.7471+0.6285i	1.1483+1.4028i	1.1537+0.0597i	0.1282-0.0809i
66.7	0.7203-0.0724i	2.1808-1.3801i	-82.3152+8.5543i	1.4693+0.4905i	-0.7317+0.6411i	1.1642+1.3768i	1.1396+0.0496i	0.1159-0.0808i
66.8	0.7430-0.1040i	2.1248-1.3874i	-79.0230+13.5186i	1.4958+0.4800i	-0.7143+0.6717i	1.1679+1.3675i	1.1188+0.0487i	0.0963-0.0930i
66.9	0.7552-0.1576i	1.9718-1.4683i	-83.4872+15.5541i	1.5403+0.4390i	-0.7065+0.7034i	1.1105+1.2794i	1.0973+0.0261i	0.0973-0.1064i
67.0	0.7930-0.1854i	1.8826-1.5201i	-88.8309+15.1074i	1.5885+0.4415i	-0.7112+0.7215i	1.1046+1.2194i	1.1118+0.0372i	0.0888-0.1037i
67.1	0.8184-0.2384i	1.7545-1.5691i	-93.0285+19.1386i	1.6009+0.4016i	-0.7081+0.7593i	1.0895+1.2142i	1.1032+0.0268i	0.0867-0.1196i
67.2	0.8336-0.3081i	1.6045-1.5843i	-98.9115+22.6581i	1.6449+0.3764i	-0.6929+0.7888i	1.1126+1.1462i	1.1039+0.0211i	0.0820-0.1278i
67.3	0.8586-0.3844i	1.4647-1.6135i	-96.5754+21.9810i	1.7034+0.3392i	-0.6741+0.8107i	1.1723+1.1055i	1.1187+0.0372i	0.0731-0.1023i
67.4	0.8501-0.4313i	1.3824-1.5701i	-98.6422+24.6995i	1.7362+0.3060i	-0.6601+0.8128i	1.0656+1.0108i	1.1252+0.0418i	0.0536-0.0947i
67.5	0.8375-0.5360i	1.2322-1.5687i	-98.7585+27.5533i	1.7396+0.2737i	-0.6435+0.8712i	1.1318+0.9331i	1.1280+0.0373i	0.0592-0.1157i
67.6	0.8268-0.6484i	1.0768-1.5836i	-103.5209+24.8598i	1.7671+0.2651i	-0.6243+0.9417i	1.2161+0.8955i	1.1321+0.0582i	0.0715-0.1228i
67.7	0.7538-0.7114i	0.9231-1.4603i	-109.1469+33.6349i	1.7948+0.2277i	-0.5687+0.9779i	1.1497+0.8131i	1.1476+0.0649i	0.0547-0.1272i
67.8	0.7046-0.7838i	0.8113-1.3746i	-111.2659+37.7883i	1.8371+0.1926i	-0.5206+1.0144i	1.1437+0.7166i	1.1866+0.0655i	0.0506-0.1317i
67.9	0.6184-0.8740i	0.6834-1.2543i	-117.0513+45.3571i	1.8824+0.1526i	-0.4562+1.0675i	1.1258+0.6288i	1.2306+0.0736i	0.0576-0.1400i
68.0	0.5785-0.8841i	0.5824-1.2002i	-113.1773+43.6878i	1.8984+0.1043i	-0.4080+1.0563i	1.0478+0.6136i	1.2071+0.0534i	0.0624-0.1374i
68.1	0.5356-0.9361i	0.5178-1.1239i	-111.5610+45.5022i	1.9189+0.0833i	-0.3641+1.0760i	1.0792+0.5268i	1.2325+0.0448i	0.0602-0.1367i
68.2	0.4817-0.9014i	0.5099-1.0027i	-105.6350+49.4539i	1.8987+0.0475i	-0.3193+1.0386i	0.9835+0.5008i	1.2268+0.0287i	0.0525-0.1358i
68.3	0.3409-0.9885i	0.4022-0.6828i	-120.6453+58.2965i	1.9544+0.0026i	-0.2382+1.0379i	0.9567+0.2510i	1.2929+0.0565i	0.0569-0.1606i
68.4	0.2259-1.0021i	0.4529-0.4615i	-125.8572+71.1278i	2.0042-0.0381i	-0.1774+1.0172i	0.8881+0.0870i	1.3698+0.0331i	0.0325-0.1736i
68.5	0.2135-1.0724i	0.3881-0.3995i	-126.8334+69.9081i	2.0121-0.1068i	-0.1597+1.0535i	0.9627+0.0678i	1.3880+0.0095i	0.0423-0.1859i
68.6	0.1984-1.1099i	0.3508-0.3503i	-122.8578+67.9300i	1.9969-0.1814i	-0.1349+1.0599i	0.8981+0.0666i	1.3716-0.0212i	0.0413-0.1743i

68.7	0.0721-1.1602i	0.4971-0.1568i	-123.8277+81.5859i	2.0894-0.1725i	-0.0713+1.0920i	0.8394-0.1401i	1.4628-0.0404i	0.0094-0.1916i
68.8	-0.0740-1.0920i	0.7803-0.0246i	-113.6482+100.8635i	2.0859-0.2423i	-0.0269+1.0463i	0.6163-0.2054i	1.5200-0.1041i	-0.0065-0.1940i
68.9	-0.1877-1.0950i	0.8911+0.1178i	-121.1529+105.4352i	2.0915-0.2760i	0.0173+1.0282i	0.4326-0.3070i	1.5413-0.1096i	-0.0163-0.1866i
69.0	-0.3428-1.1443i	0.9420+0.2233i	-122.6998+103.8801i	2.1198-0.2977i	0.1123+1.0527i	0.3750-0.5132i	1.5635-0.1335i	-0.0334-0.2072i
69.1	-0.5035-1.1507i	1.0493+0.3097i	-123.7715+110.3561i	2.1576-0.3440i	0.1908+1.0429i	0.2717-0.6440i	1.6194-0.1862i	-0.0505-0.2238i
69.2	-0.5858-1.0925i	1.2069+0.3840i	-121.5970+118.6926i	2.1810-0.3967i	0.2111+1.0001i	0.1538-0.6451i	1.6580-0.2327i	-0.0653-0.2186i
69.3	-0.7290-1.0302i	1.4531+0.4034i	-119.3392+126.5674i	2.2519-0.4431i	0.2795+0.9959i	-0.0486-0.8239i	1.6962-0.3176i	-0.1028-0.2041i
69.4	-0.8429-0.9825i	1.6394+0.3916i	-116.7400+130.7910i	2.3036-0.4733i	0.3417+0.9896i	-0.2211-0.8743i	1.7263-0.3490i	-0.1233-0.1819i
69.5	-0.9637-0.8007i	1.8853+0.2382i	-106.4519+145.6161i	2.2910-0.5318i	0.3857+0.9340i	-0.5665-0.7632i	1.7339-0.4226i	-0.1459-0.1572i
69.6	-1.0121-0.5505i	1.9574+0.0891i	-95.4514+152.4219i	2.2512-0.5425i	0.4396+0.8226i	-0.7577-0.6563i	1.7041-0.4882i	-0.1609-0.1295i
69.7	-1.1698-0.3614i	2.1003+0.0863i	-95.6103+169.5368i	2.2906-0.6232i	0.5444+0.7216i	-0.9483-0.7490i	1.7713-0.5687i	-0.1723-0.1175i
69.8	-1.1567-0.1222i	2.2138-0.0623i	-77.9678+176.2360i	2.3255-0.7142i	0.5977+0.6296i	-1.1613-0.6720i	1.7215-0.6991i	-0.1772-0.0983i
69.9	-1.2435+0.0320i	2.4816+0.0306i	-82.3545+195.6246i	2.4202-0.7623i	0.6554+0.5236i	-1.3731-0.7686i	1.8010-0.7281i	-0.2081-0.0687i
70.0	-1.1246+0.0915i	2.5660-0.0505i	-74.6072+187.0351i	2.5400-0.8162i	0.6342+0.4723i	-1.4350-0.6177i	1.8014-0.7399i	-0.2047-0.0452i
70.1	-1.0805+0.1703i	2.6396-0.1668i	-69.4517+183.6809i	2.5818-0.9213i	0.6435+0.4034i	-1.5565-0.5774i	1.7777-0.7790i	-0.1998-0.0271i
70.2	-1.0221+0.3540i	2.8557-0.4211i	-54.0041+187.5299i	2.6572-1.0743i	0.6367+0.3101i	-1.9025-0.4498i	1.7699-0.8942i	-0.1948-0.0028i
70.3	-0.8987+0.4466i	2.8728-0.5749i	-48.3046+183.4018i	2.6684-1.1531i	0.6029+0.2228i	-2.0418-0.2462i	1.7386-0.9072i	-0.1866+0.0276i
70.4	-0.7878+0.5627i	2.9710-0.7241i	-33.7379+186.4456i	2.7438-1.2015i	0.5392+0.1246i	-2.2202-0.0546i	1.7790-0.8737i	-0.1731+0.0725i
70.5	-0.7637+0.8112i	3.2134-0.9997i	-23.0696+208.8698i	2.7694-1.4576i	0.4980-0.0765i	-2.5762+0.0839i	1.8658-0.9791i	-0.1438+0.1151i
70.6	-0.6488+0.9447i	3.3055-1.2183i	-9.7758+215.2977i	2.7404-1.6467i	0.3930-0.2189i	-2.7631+0.2180i	1.9174-1.0719i	-0.1017+0.1468i
70.7	-0.4102+1.0258i	3.3690-1.5109i	9.9049+205.7712i	2.8005-1.8351i	0.2205-0.2942i	-2.8959+0.5905i	2.0226-1.1647i	-0.0497+0.1779i
70.8	-0.3457+1.1270i	3.5748-1.6904i	14.3156+215.3096i	2.8642-1.9894i	0.1151-0.3799i	-3.0507+0.7472i	2.1986-1.2485i	-0.0059+0.1961i
70.9	-0.0203+0.9211i	3.2681-1.9726i	31.7321+182.0265i	2.7212-2.1893i	-0.0813-0.2435i	-2.8824+1.2672i	2.1032-1.3664i	0.0550+0.1666i
71.0	0.2022+0.9225i	3.2379-2.3124i	50.9898+173.8982i	2.6602-2.3493i	-0.2972-0.2024i	-3.0034+1.5750i	2.1195-1.5646i	0.1092+0.1442i
71.1	0.2579+0.8882i	3.1887-2.5707i	51.2494+170.9124i	2.5270-2.5810i	-0.3853-0.1841i	-3.0268+1.7799i	2.0867-1.7740i	0.1437+0.1278i
71.2	0.4997+0.7617i	3.0015-2.9841i	70.4976+152.1590i	2.3436-2.7974i	-0.5908+0.0073i	-2.9704+2.3369i	2.0030-2.0592i	0.1793+0.0737i
71.3	0.5745+0.8414i	3.0396-3.2388i	80.3962+163.6166i	2.2426-2.8565i	-0.7308+0.0402i	-3.0658+2.4815i	2.0097-2.2430i	0.2144+0.0438i
71.4	0.5604+0.7394i	2.7864-3.4846i	72.3638+151.0828i	1.9996-3.0426i	-0.7197+0.1774i	-2.8992+2.7756i	1.8458-2.4539i	0.2238-0.0086i
71.5	0.7547+0.6121i	2.5881-3.9173i	89.0537+128.9951i	1.8814-3.2673i	-0.8255+0.4048i	-2.8326+3.3337i	1.7180-2.7370i	0.2363-0.0655i
71.6	0.7673+0.6589i	2.4219-4.1688i	85.5192+139.2901i	1.6502-3.3538i	-0.8716+0.4577i	-2.7521+3.4640i	1.5847-2.9025i	0.2434-0.0991i
71.7	0.7769+0.5848i	2.1291-4.3302i	82.1731+134.9298i	1.4301-3.3749i	-0.8382+0.5967i	-2.4751+3.6388i	1.3924-3.0157i	0.2389-0.1535i
71.8	0.9023+0.4069i	1.6683-4.6155i	87.4385+110.6232i	1.1824-3.4731i	-0.8103+0.8585i	-2.0989+4.1044i	1.1111-3.1973i	0.2311-0.2224i
71.9	0.9415+0.3718i	1.2423-4.8097i	85.1647+116.3315i	0.8956-3.5071i	-0.7331+0.9718i	-1.7717+4.2856i	0.8135-3.3414i	0.2203-0.2789i
72.0	0.9913+0.3322i	0.8503-4.8492i	87.4054+112.1492i	0.6488-3.4864i	-0.6730+1.0289i	-1.4919+4.3526i	0.5335-3.3793i	0.1890-0.2918i
72.1	1.0792+0.1707i	0.2320-4.9203i	92.1739+96.8170i	0.3176-3.4657i	-0.5375+1.2128i	-0.9664+4.5764i	0.1209-3.4289i	0.1399-0.3471i
72.2	1.0365+0.0415i	-0.3076-4.7319i	79.6647+90.8440i	0.0081-3.3752i	-0.3568+1.2384i	-0.4724+4.5227i	-0.2218-3.3099i	0.0977-0.3740i
72.3	1.1117-0.0550i	-0.6138-4.7224i	79.2511+84.7935i	-0.1304-3.3076i	-0.3071+1.3559i	-0.2204+4.6138i	-0.4213-3.3215i	0.0918-0.4160i
72.4	1.2124-0.1964i	-0.9590-4.6756i	87.0187+77.9523i	-0.2641-3.1763i	-0.2421+1.5277i	0.0303+4.7254i	-0.6803-3.3233i	0.0503-0.4826i
72.5	1.1748-0.2865i	-1.2787-4.3232i	83.1594+76.5119i	-0.3940-2.9292i	-0.1028+1.5149i	0.3062+4.5100i	-0.9154-3.0765i	-0.0209-0.4939i
72.6	1.0949-0.3674i	-1.5343-3.8842i	75.2404+74.7621i	-0.4835-2.6769i	0.0604+1.4491i	0.5764+4.1963i	-1.1009-2.7742i	-0.0827-0.4781i
72.7	1.0964-0.4791i	-1.7590-3.6754i	75.8608+71.8429i	-0.5300-2.5490i	0.1814+1.4827i	0.7907+4.0920i	-1.2626-2.6255i	-0.1357-0.4859i
72.8	1.1084-0.5020i	-1.8642-3.5076i	76.9159+79.5790i	-0.5611-2.4490i	0.2386+1.4761i	0.8922+3.9770i	-1.3463-2.5519i	-0.1658-0.5067i
72.9	1.0942-0.6188i	-2.0241-3.3519i	78.8125+74.0404i	-0.6282-2.3755i	0.3474+1.5120i	1.0810+3.9262i	-1.4892-2.4644i	-0.2277-0.5189i
73.0	0.9556-0.6872i	-2.0646-2.9607i	73.3479+75.1720i	-0.6491-2.2186i	0.4826+1.3933i	1.2175+3.5787i	-1.5536-2.1980i	-0.2748-0.4742i
73.1	0.9488-0.7559i	-2.1083-2.8010i	75.0445+76.5540i	-0.6195-2.1687i	0.5444+1.3721i	1.2674+3.4956i	-1.6043-2.0911i	-0.3132-0.4604i
73.2	0.9900-0.8792i	-2.2508-2.6216i	83.0942+73.4014i	-0.6656-2.0710i	0.6039+1.4168i	1.4115+3.5085i	-1.7282-1.9615i	-0.3665-0.4775i
73.3	0.9105-0.9759i	-2.2835-2.3987i	80.8294+68.4199i	-0.6129-1.9720i	0.7299+1.3888i	1.5069+3.3734i	-1.7628-1.7866i	-0.4208-0.4598i
73.4	0.7470-1.0594i	-2.3202-2.0393i	75.4287+62.8435i	-0.6167-1.8250i	0.8903+1.2662i	1.6695+3.0441i	-1.8144-1.5186i	-0.4805-0.3978i
73.5	0.6957-1.1081i	-2.3647-1.8950i	79.5291+61.8743i	-0.6161-1.7600i	0.9553+1.2468i	1.7271+2.9759i	-1.8597-1.4234i	-0.5283-0.3886i
73.6	0.6965-1.1870i	-2.4407-1.8497i	85.7443+63.1225i	-0.5697-1.8221i	1.0401+1.2677i	1.7617+3.0752i	-1.9371-1.3820i	-0.5773-0.3921i
73.7	0.6276-1.1991i	-2.3164-1.6654i	83.5722+62.2663i	-0.5280-1.7648i	1.0488+1.1862i	1.7304+2.9285i	-1.8667-1.2337i	-0.5861-0.3486i
73.8	0.4489-1.2388i	-2.2189-1.3359i	75.6393+56.2830i	-0.5078-1.6967i	1.1222+1.0025i	1.7669+2.6344i	-1.7864-0.9561i	-0.5975-0.2588i
73.9	0.3461-1.2983i	-2.1981-1.1005i	77.0478+50.2674i	-0.5324-1.6559i	1.1907+0.9045i	1.8443+2.4736i	-1.7874-0.7729i	-0.6349-0.2085i
74.0	0.3165-1.3518i	-2.1751-1.0952i	81.3066+46.6315i	-0.4890-1.6381i	1.2503+0.9459i	1.8628+2.4925i	-1.7935-0.7579i	-0.6856-0.2133i
74.1	0.1860-1.3229i	-2.0969-0.9567i	79.8193+45.7465i	-0.4842-1.6233i	1.2943+0.8196i	1.8333+2.3221i	-1.7250-0.6283i	-0.6975-0.1482i
74.2	0.0541-1.3283i	-2.0524-0.7344i	78.5507+40.7836i	-0.5336-1.5553i	1.3464+0.6814i	1.9156+2.1014i	-1.6827-0.4286i	-0.7055-0.0762i
74.3	-0.0383-1.3019i	-2.0003-0.6048i	75.2331+39.9239i	-0.5500-1.5418i	1.3673+0.5693i	1.9071+2.0017i	-1.6433-0.3195i	-0.7114-0.0200i
74.4	-0.0812-1.2448i	-1.8840-0.5454i	77.3020+38.9795i	-0.5391-1.4992i	1.3182+0.4904i	1.7715+1.8974i	-1.5541-0.2614i	-0.7016+0.0219i
74.5	-0.1499-1.2385i	-1.8843-0.4377i	78.7399+36.8219i	-0.5638-1.4696i	1.3451+0.4114i	1.7862+1.7803i	-1.5421-0.1616i	-0.7078+0.0671i
74.6	-0.2673-1.2186i	-1.8672-0.3374i	76.1259+34.5471i	-0.5783-1.5236i	1.4100+0.2910i	1.8444+1.7136i	-1.5087-0.1072i	-0.7207+0.1207i
74.7	-0.2992-1.1594i	-1.7444-0.2638i	73.9520+34.2589i	-0.6090-1.4822i	1.3141+0.2075i	1.7379+1.6318i	-1.4022-0.0394i	-0.6783+0.1604i
74.8	-0.3309-1.1082i	-1.6242-0.1557i	71.4748+30.5502i	-0.5765-1.3695i	1.2837+0.1429i	1.6795+1.4875i	-1.3002+0.0245i	-0.6694+0.1852i
74.9	-0.4065-1.1374i	-1.6343-0.0474i	71.1003+25.4107i	-0.5636-1.3784i	1.3500+0.0755i	1.6686+1.4720i	-1.2969+0.1117i	-0.7056+0.2386i

75.0	-0.4722-1.1423i	-1.5902+0.0185i	71.2369+22.8121i	-0.5834-1.3732i	1.3352+0.0146i	1.5825+1.4465i	-1.2661+0.1872i	-0.7039+0.2797i
75.1	-0.4931-1.0401i	-1.4683+0.0699i	70.0629+22.6725i	-0.6086-1.3069i	1.2474-0.0601i	1.5209+1.3575i	-1.1607+0.2020i	-0.6581+0.3012i
75.2	-0.5568-0.9830i	-1.4241+0.1194i	68.1101+22.9146i	-0.5981-1.3653i	1.2542-0.1616i	1.4943+1.3619i	-1.1186+0.2202i	-0.6424+0.3547i
75.3	-0.6103-0.9470i	-1.3562+0.1747i	65.7643+22.7170i	-0.5950-1.3908i	1.2203-0.2339i	1.4111+1.3563i	-1.0630+0.2542i	-0.6245+0.3932i
75.4	-0.6535-0.8750i	-1.2780+0.2562i	64.7025+19.7119i	-0.6500-1.3007i	1.1353-0.2824i	1.3590+1.2989i	-0.9932+0.2972i	-0.5807+0.4154i
75.5	-0.7020-0.8278i	-1.2132+0.3560i	64.5877+16.6615i	-0.6671-1.2707i	1.1118-0.3713i	1.3370+1.2561i	-0.9648+0.3535i	-0.5692+0.4589i
75.6	-0.7252-0.7690i	-1.1161+0.3808i	62.5191+15.7347i	-0.6486-1.2829i	1.0820-0.4205i	1.3082+1.3079i	-0.9171+0.3391i	-0.5560+0.4801i
75.7	-0.7188-0.6761i	-0.9846+0.3997i	57.8446+14.4618i	-0.6400-1.2498i	1.0001-0.4712i	1.2627+1.2825i	-0.8470+0.3419i	-0.5135+0.5050i
75.8	-0.7248-0.6701i	-0.9366+0.4116i	56.9957+14.5032i	-0.6013-1.2630i	0.9853-0.4801i	1.2093+1.3210i	-0.8071+0.3718i	-0.5085+0.5305i
75.9	-0.7360-0.6464i	-0.8362+0.4225i	56.2884+13.5874i	-0.5831-1.2398i	0.9292-0.4916i	1.1561+1.3250i	-0.7190+0.3907i	-0.4847+0.5377i
76.0	-0.7201-0.6414i	-0.7771+0.4181i	54.7482+12.8053i	-0.5884-1.2546i	0.8806-0.4977i	1.1045+1.3674i	-0.6966+0.4020i	-0.4799+0.5482i
76.1	-0.7367-0.6005i	-0.7120+0.4600i	53.8419+10.7687i	-0.6445-1.2486i	0.8221-0.5584i	1.1472+1.3627i	-0.6638+0.4512i	-0.4507+0.5817i
76.2	-0.7889-0.5482i	-0.6379+0.5185i	54.1050+8.1720i	-0.7267-1.2393i	0.7648-0.6221i	1.1945+1.3711i	-0.6185+0.4994i	-0.4079+0.6297i
76.3	-0.7607-0.4883i	-0.5554+0.5019i	51.0690+8.3419i	-0.7551-1.2033i	0.6864-0.6261i	1.2195+1.3536i	-0.5894+0.4742i	-0.3837+0.6272i
76.4	-0.7305-0.4368i	-0.4568+0.4635i	47.8869+9.9487i	-0.7217-1.1567i	0.6296-0.5982i	1.1386+1.3497i	-0.5344+0.4344i	-0.3620+0.6058i
76.5	-0.7391-0.3810i	-0.3945+0.4394i	48.3121+10.0676i	-0.7678-1.1569i	0.6066-0.6186i	1.1997+1.4476i	-0.5268+0.4405i	-0.3590+0.6389i
76.6	-0.7301-0.3545i	-0.3595+0.4164i	46.9525+9.6821i	-0.7966-1.1361i	0.5605-0.6167i	1.2311+1.4678i	-0.4931+0.4531i	-0.3370+0.6554i
76.7	-0.6888-0.3220i	-0.2797+0.3928i	43.6728+10.0768i	-0.7815-1.0846i	0.4820-0.5946i	1.1856+1.4775i	-0.4207+0.4528i	-0.2906+0.6501i
76.8	-0.6615-0.3128i	-0.2367+0.3632i	44.3442+11.4384i	-0.7399-1.0417i	0.4610-0.5724i	1.1675+1.4478i	-0.3988+0.4338i	-0.2887+0.6438i
76.9	-0.6716-0.2716i	-0.1857+0.3627i	40.7506+9.6879i	-0.7967-0.9856i	0.4032-0.5950i	1.2489+1.3474i	-0.3738+0.4682i	-0.2456+0.6876i
77.0	-0.6905-0.2028i	-0.1199+0.3480i	39.7972+7.5310i	-0.8762-0.9915i	0.3570-0.6270i	1.3425+1.4236i	-0.3396+0.4609i	-0.2024+0.7218i
77.1	-0.6640-0.1784i	-0.0944+0.3074i	39.3698+6.6368i	-0.8767-0.9284i	0.3336-0.6041i	1.3554+1.3641i	-0.3385+0.4537i	-0.1947+0.7265i
77.2	-0.6362-0.1691i	-0.0780+0.2475i	38.3288+8.0523i	-0.8557-0.8717i	0.3058-0.5660i	1.2552+1.2837i	-0.3498+0.4601i	-0.1891+0.7277i
77.3	-0.5942-0.1614i	-0.0653+0.2322i	36.9406+9.1860i	-0.7533-0.8315i	0.3059-0.5347i	1.0645+1.3432i	-0.3232+0.4751i	-0.1929+0.7210i
77.4	-0.5501-0.1274i	-0.0555+0.1814i	37.3839+8.6040i	-0.7927-0.8235i	0.2866-0.5312i	1.2161+1.4324i	-0.3542+0.4610i	-0.1927+0.7411i
77.5	-0.4993-0.0943i	-0.0271+0.1622i	36.7112+8.2065i	-0.8374-0.8099i	0.2608-0.5654i	1.4009+1.4481i	-0.3474+0.4962i	-0.1687+0.7967i
77.6	-0.4538-0.1249i	-0.0184+0.1385i	34.4492+7.4721i	-0.7986-0.7508i	0.2195-0.5402i	1.3596+1.4061i	-0.2993+0.5540i	-0.1131+0.8194i
77.7	-0.4128-0.1525i	-0.0097+0.1009i	33.7221+8.2774i	-0.7369-0.7081i	0.1993-0.5080i	1.3145+1.3942i	-0.2364+0.5617i	-0.0764+0.8213i
77.8	-0.4076-0.1630i	-0.0086+0.0846i	32.8369+9.2816i	-0.7193-0.7060i	0.1803-0.5231i	1.3592+1.4307i	-0.1821+0.6010i	-0.0192+0.8501i
77.9	-0.4023-0.1728i	-0.0198+0.0535i	32.9289+9.0852i	-0.7760-0.7537i	0.1598-0.5475i	1.5751+1.5177i	-0.1760+0.6255i	0.0293+0.8986i
78.0	-0.3738-0.2171i	-0.0579+0.0525i	34.4177+8.0880i	-0.7451-0.7180i	0.1742-0.5240i	1.5693+1.4455i	-0.1956+0.6443i	0.0282+0.9087i
78.1	-0.3443-0.2570i	-0.0413+0.0649i	32.4506+8.9678i	-0.6017-0.6705i	0.1533-0.4594i	1.3354+1.3700i	-0.1010+0.6103i	0.0607+0.8338i
78.2	-0.3368-0.2812i	-0.0493+0.0565i	30.0807+9.5378i	-0.5640-0.6438i	0.1286-0.4304i	1.2630+1.3189i	-0.0541+0.6154i	0.1012+0.8158i
78.3	-0.3668-0.3100i	-0.0557+0.0553i	29.7039+10.0657i	-0.5589-0.6653i	0.1317-0.4341i	1.3006+1.3031i	-0.0094+0.6113i	0.1450+0.8181i
78.4	-0.3659-0.3324i	-0.0538+0.0667i	28.3864+8.8838i	-0.5677-0.6523i	0.1013-0.4242i	1.3787+1.2596i	0.0343+0.6228i	0.1986+0.8046i
78.5	-0.3700-0.3671i	-0.0614+0.0927i	27.6582+9.1991i	-0.5082-0.6604i	0.1027-0.3998i	1.2589+1.2950i	0.0721+0.6312i	0.2059+0.7962i
78.6	-0.4203-0.3954i	-0.0593+0.1124i	28.2714+9.3195i	-0.5531-0.7282i	0.0862-0.4271i	1.3480+1.4725i	0.1081+0.6479i	0.2662+0.8267i
78.7	-0.4378-0.4648i	-0.0414+0.1178i	28.4134+10.5857i	-0.4888-0.8408i	0.1370-0.4238i	1.2687+1.7108i	0.1146+0.6372i	0.2306+0.8640i
78.8	-0.4729-0.5102i	-0.0369+0.1074i	28.5205+11.1691i	-0.4981-0.9073i	0.1531-0.4280i	1.3206+1.7924i	0.1259+0.6355i	0.2382+0.8906i
78.9	-0.5233-0.5773i	-0.0391+0.1026i	29.2150+11.9433i	-0.5688-1.0145i	0.1516-0.4480i	1.5728+1.9868i	0.1619+0.6542i	0.2870+0.9424i
79.0	-0.6545-0.6064i	-0.0280+0.1162i	29.0525+11.5994i	-0.7389-1.0679i	0.1091-0.4890i	1.9587+2.0003i	0.2393+0.6940i	0.4264+0.9858i
79.1	-0.8113-0.5586i	-0.0072+0.1405i	29.8619+10.7388i	-0.9513-1.0606i	0.0642-0.5370i	2.4124+1.9248i	0.3078+0.6888i	0.5858+1.0005i
79.2	-0.9214-0.4357i	0.0222+0.1421i	30.6565+9.8150i	-1.1707-0.8783i	-0.0348-0.5456i	2.8587+1.3962i	0.4035+0.6593i	0.7750+0.8830i
79.3	-0.9184-0.2791i	0.0440+0.1521i	28.7627+8.5951i	-1.1134-0.6214i	-0.0895-0.4900i	2.5614+0.9214i	0.4835+0.5990i	0.8159+0.7055i
79.4	-0.8629-0.1861i	0.0626+0.1404i	27.1427+7.1507i	-1.0160-0.4426i	-0.1144-0.4096i	2.2587+0.5646i	0.4945+0.5191i	0.7770+0.5509i
79.5	-0.8688-0.1622i	0.0495+0.1110i	26.5623+7.4644i	-1.0130-0.3911i	-0.0993-0.3774i	2.2269+0.4536i	0.4717+0.4813i	0.7529+0.4954i
79.6	-0.8716-0.1164i	0.0738+0.1393i	27.1472+7.1133i	-0.9806-0.3842i	-0.0927-0.3807i	2.2262+0.5782i	0.5124+0.4556i	0.7544+0.4527i
79.7	-0.8147-0.0588i	0.0861+0.1548i	25.9895+5.9940i	-0.9026-0.3372i	-0.1119-0.3667i	2.1167+0.6031i	0.5377+0.4382i	0.7295+0.4101i
79.8	-0.7878-0.0090i	0.1100+0.1802i	25.9302+6.5352i	-0.8734-0.3486i	-0.1233-0.3689i	2.1005+0.8072i	0.5711+0.4137i	0.7287+0.3888i
79.9	-0.7700+0.0084i	0.0971+0.1553i	26.4866+6.3318i	-0.8295-0.2699i	-0.1078-0.3278i	1.9156+0.5897i	0.5614+0.4003i	0.6881+0.3339i
80.0	-0.7760+0.0304i	0.1164+0.1348i	26.0951+7.4077i	-0.8225-0.2556i	-0.1116-0.3193i	1.9393+0.5329i	0.5598+0.3706i	0.6763+0.2994i

2.1.70 Run 6 – VT000-200 – Accels 25–32

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	14.3811+0.0000i	13.2776+0.0000i	10.9149+0.0000i	10.6059+0.0000i	5.8377+0.0000i	17.0511+0.0000i	10.3327+0.0000i	-12.7940+0.0000i
0.1	1.4625+0.8698i	1.3861+0.3530i	1.1459+0.2196i	1.0682+0.2212i	1.2142+0.1390i	2.3859-0.0635i	0.9378-0.5308i	-1.3070-1.1704i
0.2	-0.1740-0.0923i	0.0129+0.0039i	-0.0163+0.0029i	-0.0226-0.0133i	0.1850+0.0801i	0.1988+0.3375i	0.0160-0.0371i	0.1588-0.2246i
0.3	-0.0694-0.0046i	-0.0028-0.0047i	-0.0089-0.0044i	0.0071-0.0149i	0.0656+0.0290i	0.0907+0.0898i	-0.0168-0.0582i	0.0924-0.1006i
0.4	-0.0178+0.0084i	-0.0031-0.0010i	0.0013-0.0050i	0.0120-0.0077i	0.0099-0.0014i	0.0165+0.0171i	-0.0229+0.0166i	0.0246-0.0257i
0.5	0.0088+0.0215i	0.0014-0.0016i	-0.0012-0.0048i	0.0056+0.0016i	0.0079+0.0332i	0.0070-0.0030i	-0.0235+0.0230i	-0.0116-0.0001i
0.6	-0.0060+0.0106i	0.0003+0.0009i	-0.0046+0.0009i	-0.0076-0.0027i	-0.0015+0.0195i	0.0035+0.0013i	-0.0067+0.0067i	-0.0013+0.0059i
0.7	-0.0062+0.0060i	0.0009+0.0019i	-0.0003-0.0016i	-0.0075-0.0084i	-0.0061-0.0006i	0.0004-0.0068i	-0.0068+0.0032i	0.0008-0.0016i
0.8	0.0003+0.0020i	0.0020+0.0000i	0.0010+0.0028i	-0.0019-0.0032i	-0.0065-0.0039i	-0.0008-0.0005i	-0.0088+0.0076i	0.0033+0.0040i
0.9	0.0031+0.0023i	0.0002+0.0004i	0.0069+0.0092i	-0.0067+0.0019i	-0.0013-0.0018i	-0.0020+0.0020i	-0.0031+0.0001i	0.0010-0.0010i
1.0	-0.0036+0.0045i	-0.0007+0.0012i	0.0095+0.0055i	0.0007-0.0042i	0.0043-0.0044i	-0.0007+0.0009i	-0.0027+0.0040i	-0.0016+0.0018i
1.1	-0.0056-0.0001i	-0.0001+0.0017i	0.0104+0.0013i	0.0029-0.0057i	-0.0098-0.0025i	-0.0008-0.0011i	-0.0021+0.0016i	-0.0005+0.0009i
1.2	-0.0092-0.0006i	0.0034+0.0012i	0.0109+0.0003i	-0.0042-0.0011i	-0.0065+0.0044i	-0.0001-0.0024i	-0.0008-0.0027i	0.0002+0.0004i
1.3	-0.0085+0.0002i	0.0046+0.0021i	0.0152+0.0004i	-0.0053-0.0063i	-0.0011-0.0028i	0.0006-0.0017i	-0.0015-0.0016i	-0.0005+0.0003i
1.4	-0.0094+0.0008i	0.0061+0.0024i	0.0283-0.0006i	-0.0025-0.0088i	-0.0001-0.0015i	0.0004-0.0008i	-0.0030-0.0011i	-0.0016-0.0009i
1.5	-0.0124-0.0002i	0.0083+0.0004i	0.0403-0.0511i	-0.0118-0.0022i	0.0014+0.0064i	0.0005-0.0016i	-0.0006+0.0002i	-0.0035-0.0003i
1.6	-0.0143-0.0018i	0.0075-0.0030i	-0.0307-0.0888i	-0.0114+0.0048i	0.0066+0.0062i	0.0011-0.0006i	0.0002+0.0026i	-0.0024+0.0012i
1.7	-0.0152-0.0013i	0.0144-0.0025i	-0.0405-0.0234i	-0.0144+0.0080i	0.0069-0.0050i	0.0009+0.0001i	-0.0009+0.0013i	-0.0001+0.0008i
1.8	-0.0154-0.0006i	0.0211-0.0036i	-0.0191-0.0048i	-0.0243+0.0086i	0.0118-0.0087i	0.0023+0.0001i	-0.0026+0.0012i	-0.0009+0.0005i
1.9	-0.0194+0.0004i	0.0253-0.0182i	-0.0116-0.0062i	-0.0160+0.0056i	0.0126-0.0116i	0.0054+0.0028i	-0.0020+0.0018i	-0.0028+0.0024i
2.0	-0.0237+0.0012i	0.0208-0.0431i	-0.0119-0.0107i	-0.0217+0.0132i	0.0003-0.0010i	0.0091+0.0002i	-0.0020+0.0053i	-0.0124+0.0012i
2.1	-0.0239+0.0014i	0.0061-0.0460i	-0.0164-0.0029i	-0.0035+0.0068i	0.0019-0.0088i	0.0102-0.0127i	0.0000+0.0059i	-0.0136+0.0136i
2.2	-0.0241+0.0038i	0.0091-0.0517i	-0.0086+0.0009i	-0.0072+0.0084i	0.0015-0.0093i	-0.0113-0.0142i	-0.0017+0.0070i	0.0127+0.0192i
2.3	-0.0262+0.0051i	-0.0157-0.1045i	-0.0081-0.0038i	-0.0094+0.0064i	-0.0027-0.0135i	-0.0143-0.0022i	0.0012+0.0150i	0.0160+0.0048i
2.4	-0.0217+0.0012i	-0.1465-0.0654i	-0.0149-0.0036i	0.0001+0.0056i	-0.0230-0.0115i	-0.0088-0.0006i	0.0231+0.0108i	0.0101+0.0012i
2.5	-0.0237-0.0034i	-0.0929+0.0393i	-0.0121+0.0011i	0.0019-0.0037i	-0.0149+0.0032i	-0.0062-0.0007i	0.0151-0.0050i	0.0078+0.0028i
2.6	-0.0294-0.0030i	-0.0227+0.0359i	-0.0076+0.0001i	-0.0031+0.0033i	-0.0071-0.0003i	-0.0043-0.0002i	0.0046-0.0060i	0.0075+0.0020i
2.7	-0.0346-0.0020i	-0.0142+0.0122i	-0.0088-0.0032i	-0.0105+0.0065i	-0.0063+0.0032i	-0.0049-0.0006i	0.0031-0.0025i	0.0056+0.0008i
2.8	-0.0386-0.0023i	-0.0153+0.0046i	-0.0063-0.0036i	-0.0244+0.0068i	-0.0055-0.0012i	-0.0056+0.0006i	0.0032+0.0009i	0.0054-0.0005i
2.9	-0.0410-0.0035i	-0.0166+0.0018i	-0.0055-0.0029i	-0.0220+0.0034i	-0.0038-0.0015i	-0.0055+0.0011i	0.0036+0.0004i	0.0059-0.0000i
3.0	-0.0453-0.0031i	-0.0182+0.0008i	-0.0080-0.0004i	-0.0196+0.0035i	-0.0036-0.0025i	-0.0061+0.0005i	0.0031-0.0000i	0.0062+0.0012i
3.1	-0.0527-0.0044i	-0.0210+0.0005i	-0.0061-0.0036i	-0.0119+0.0137i	-0.0094-0.0076i	-0.0066+0.0015i	0.0036+0.0025i	0.0080-0.0011i
3.2	-0.0560-0.0059i	-0.0232+0.0004i	-0.0069-0.0042i	-0.0179+0.0066i	-0.0042-0.0123i	-0.0050+0.0011i	0.0067+0.0032i	0.0061-0.0013i
3.3	-0.0588-0.0011i	-0.0283+0.0054i	-0.0099+0.0027i	-0.0209-0.0147i	0.0004-0.0044i	-0.0020-0.0012i	0.0101+0.0006i	0.0031-0.0033i
3.4	-0.0632-0.0006i	-0.0266+0.0164i	-0.0096+0.0041i	-0.0198-0.0228i	-0.0069-0.0000i	-0.0064+0.0033i	0.0091-0.0052i	0.0008-0.0062i
3.5	-0.0699-0.0023i	-0.0164+0.0164i	-0.0034-0.0039i	-0.0395-0.0046i	0.0053+0.0029i	-0.0031+0.0088i	0.0066-0.0061i	0.0030-0.0037i
3.6	-0.0753+0.0025i	-0.0081+0.0117i	0.0000-0.0038i	-0.0497-0.0160i	0.0138-0.0090i	-0.0008+0.0048i	0.0055-0.0055i	0.0045-0.0013i
3.7	-0.0779+0.0031i	-0.0211-0.0075i	-0.0068-0.0007i	-0.0370-0.0072i	-0.0046-0.0018i	0.0033-0.0027i	0.0115+0.0054i	-0.0071+0.0058i
3.8	-0.0789+0.0010i	-0.0221-0.0031i	-0.0058+0.0013i	-0.0170+0.0046i	-0.0091+0.0011i	-0.0018-0.0044i	0.0120+0.0025i	-0.0013+0.0048i
3.9	-0.0832-0.0002i	-0.0222-0.0023i	-0.0068-0.0005i	-0.0242+0.0025i	-0.0102-0.0016i	-0.0037-0.0011i	0.0105+0.0007i	0.0007+0.0011i
4.0	-0.0885+0.0001i	-0.0218-0.0022i	-0.0068-0.0008i	-0.0367+0.0003i	-0.0114-0.0005i	-0.0017+0.0015i	0.0103+0.0001i	-0.0013-0.0008i
4.1	-0.0940-0.0003i	-0.0222-0.0010i	-0.0067+0.0004i	-0.0436-0.0027i	-0.0127-0.0006i	0.0007-0.0006i	0.0099+0.0003i	-0.0038+0.0009i
4.2	-0.1007-0.0013i	-0.0227-0.0014i	-0.0071+0.0002i	-0.0449-0.0004i	-0.0141-0.0003i	0.0013-0.0036i	0.0115-0.0002i	-0.0044+0.0035i
4.3	-0.1078-0.0013i	-0.0230-0.0010i	-0.0084+0.0024i	-0.0451-0.0002i	-0.0134+0.0025i	0.0026-0.0062i	0.0120-0.0009i	-0.0061+0.0064i
4.4	-0.1168-0.0015i	-0.0233-0.0011i	-0.0082+0.0020i	-0.0451+0.0017i	-0.0125+0.0068i	0.0026-0.0113i	0.0108-0.0014i	-0.0067+0.0124i
4.5	-0.1245-0.0014i	-0.0252-0.0013i	-0.0078+0.0021i	-0.0479-0.0037i	-0.0085+0.0059i	0.0008-0.0185i	0.0093-0.0016i	-0.0037+0.0194i
4.6	-0.1304-0.0017i	-0.0252-0.0010i	-0.0081+0.0038i	-0.0489+0.0003i	-0.0078-0.0018i	0.0008-0.0279i	0.0086+0.0014i	-0.0028+0.0264i
4.7	-0.1408-0.0019i	-0.0226-0.0024i	-0.0049+0.0094i	-0.0597+0.0132i	-0.0145-0.0049i	-0.0170-0.0490i	0.0106+0.0113i	0.0143+0.0449i
4.8	-0.1508-0.0008i	-0.0191-0.0039i	0.0024+0.0089i	-0.0702+0.0129i	-0.0136+0.0019i	-0.0582-0.0509i	0.0244+0.0119i	0.0530+0.0502i
4.9	-0.1559-0.0017i	-0.0217-0.0001i	0.0057+0.0015i	-0.0691+0.0051i	-0.0176-0.0002i	-0.0907-0.0043i	0.0376+0.0080i	0.0821+0.0031i
5.0	-0.1695-0.0078i	-0.0223-0.0038i	-0.0039-0.0045i	-0.0713-0.0116i	-0.0263+0.0060i	-0.0264+0.0509i	0.0399-0.0123i	0.0208-0.0516i
5.1	-0.1851-0.0089i	-0.0230-0.0035i	-0.0053-0.0034i	-0.0805-0.0165i	-0.0316+0.0025i	-0.0146+0.0391i	0.0400-0.0153i	0.0059-0.0384i
5.2	-0.2012-0.0082i	-0.0175-0.0080i	-0.0062-0.0041i	-0.0957-0.0108i	-0.0520+0.0081i	-0.0103+0.0424i	0.0562-0.0277i	-0.0033-0.0390i
5.3	-0.2202+0.0036i	-0.0209-0.0194i	-0.0081-0.0066i	-0.1004+0.0018i	-0.0497+0.0428i	-0.0093+0.0329i	0.0457-0.0701i	-0.0004-0.0234i
5.4	-0.2277+0.0104i	-0.0268-0.0244i	-0.0065-0.0047i	-0.1040-0.0001i	-0.0280+0.0838i	-0.0237+0.0263i	0.0203-0.1006i	0.0181-0.0174i
5.5	-0.2369+0.0072i	-0.0367-0.0267i	-0.0154-0.0046i	-0.0903+0.0207i	0.0096+0.0837i	0.0006+0.0770i	-0.0404-0.1045i	-0.0033-0.0645i
5.6	-0.2507+0.0080i	-0.0632-0.0128i	-0.0335+0.0064i	-0.0439-0.0430i	0.0469-0.0122i	0.1258-0.0174i	-0.0897+0.0491i	-0.1165+0.0074i

5.7	-0.2753+0.0012i	-0.0499+0.0040i	-0.0087+0.0150i	-0.0954-0.0187i	0.0423-0.0503i	0.0515-0.1285i	-0.0501+0.0857i	-0.0544+0.1172i
5.8	-0.2976+0.0054i	-0.0390+0.0017i	0.0003+0.0119i	-0.1154-0.0045i	0.0157-0.0551i	-0.0272-0.1167i	-0.0147+0.0793i	0.0204+0.1089i
5.9	-0.3164+0.0037i	-0.0327+0.0014i	0.0099+0.0077i	-0.1283-0.0002i	-0.0121-0.0555i	-0.1054-0.0957i	0.0274+0.0725i	0.0922+0.0890i
6.0	-0.3422+0.0017i	-0.0285-0.0027i	0.0142-0.0048i	-0.1461+0.0011i	-0.0188-0.0281i	-0.1720-0.0026i	0.0425+0.0271i	0.1567-0.0014i
6.1	-0.3716+0.0101i	-0.0283-0.0007i	0.0061-0.0095i	-0.1544+0.0028i	-0.0040-0.0426i	-0.1155+0.0737i	0.0132+0.0318i	0.1014-0.0791i
6.2	-0.4016+0.0132i	-0.0243+0.0043i	-0.0023-0.0094i	-0.1654-0.0007i	-0.0157-0.0745i	-0.0435+0.0979i	0.0100+0.0638i	0.0280-0.1075i
6.3	-0.4346+0.0169i	-0.0164+0.0037i	-0.0071-0.0078i	-0.1812-0.0010i	-0.0399-0.0815i	-0.0052+0.0827i	0.0284+0.0788i	-0.0159-0.0940i
6.4	-0.4750+0.0364i	-0.0041-0.0006i	-0.0067-0.0060i	-0.1930+0.0176i	-0.0670-0.0782i	0.0007+0.0613i	0.0622+0.0846i	-0.0285-0.0715i
6.5	-0.5185+0.0474i	0.0101-0.0016i	-0.0064-0.0045i	-0.2101+0.0210i	-0.0958-0.0723i	0.0167+0.0542i	0.0980+0.0800i	-0.0524-0.0633i
6.6	-0.5662+0.0614i	0.0275-0.0085i	-0.0070-0.0038i	-0.2239+0.0208i	-0.1057-0.0622i	0.0285+0.0384i	0.1133+0.0703i	-0.0703-0.0445i
6.7	-0.6286+0.0763i	0.0547-0.0158i	-0.0052-0.0035i	-0.2328+0.0272i	-0.1313-0.0669i	0.0221+0.0165i	0.1442+0.0671i	-0.0718-0.0215i
6.8	-0.7237+0.1144i	0.0965-0.0355i	-0.0058-0.0048i	-0.2448+0.0381i	-0.1660-0.0554i	0.0063+0.0110i	0.1797+0.0402i	-0.0678-0.0097i
6.9	-0.8362+0.1908i	0.1522-0.0753i	-0.0087-0.0066i	-0.2536+0.0396i	-0.2001-0.0400i	-0.0063+0.0256i	0.2080+0.0167i	-0.0689-0.0131i
7.0	-0.9547+0.3719i	0.2217-0.1793i	-0.0130-0.0039i	-0.2699+0.0362i	-0.2622-0.0106i	0.0147+0.0602i	0.2572-0.0032i	-0.1072-0.0277i
7.1	-0.9018+0.7854i	0.2000-0.4600i	-0.0128+0.0038i	-0.2984+0.0327i	-0.3470+0.1428i	0.0944+0.0156i	0.3574-0.1628i	-0.1946+0.0799i
7.2	-0.4893+1.0085i	-0.0706-0.6616i	-0.0028+0.0063i	-0.3198+0.0251i	-0.2328+0.3363i	0.0708-0.1531i	0.2490-0.4212i	-0.1127+0.3064i
7.3	-0.1962+0.8529i	-0.3216-0.6177i	-0.0047+0.0026i	-0.3511-0.0045i	-0.0986+0.3166i	-0.1485-0.1367i	-0.0204-0.4134i	0.1719+0.2747i
7.4	-0.0772+0.5737i	-0.5076-0.4459i	-0.0052+0.0076i	-0.4293-0.0114i	-0.0550+0.2638i	-0.1835+0.0773i	-0.1141-0.2082i	0.2355+0.0092i
7.5	-0.1527+0.3773i	-0.5275-0.2804i	0.0018+0.0070i	-0.4847+0.0225i	-0.0221+0.2490i	-0.0583+0.1171i	-0.0460-0.1394i	0.1013-0.0590i
7.6	-0.3068+0.2686i	-0.4885-0.1739i	0.0030+0.0020i	-0.5212+0.0523i	0.0003+0.2231i	-0.0126+0.0763i	-0.0044-0.1407i	0.0403-0.0317i
7.7	-0.4045+0.2448i	-0.4674-0.1442i	0.0040-0.0019i	-0.5581+0.0741i	-0.0007+0.2129i	-0.0105+0.0670i	0.0056-0.1472i	0.0316-0.0260i
7.8	-0.5314+0.2195i	-0.4574-0.1180i	0.0043-0.0036i	-0.6233+0.0851i	-0.0019+0.2194i	0.0016+0.0632i	0.0213-0.1638i	0.0123-0.0231i
7.9	-0.6335+0.2330i	-0.4721-0.1144i	0.0048-0.0066i	-0.6974+0.1039i	0.0116+0.2366i	0.0127+0.0710i	0.0163-0.1899i	-0.0017-0.0280i
8.0	-0.7408+0.2559i	-0.5044-0.0984i	0.0034-0.0075i	-0.7863+0.1468i	0.0306+0.2597i	0.0275+0.0650i	0.0026-0.2208i	-0.0175-0.0190i
8.1	-0.8470+0.2966i	-0.5297-0.0700i	0.0011-0.0089i	-0.8547+0.2190i	0.0562+0.2855i	0.0186+0.0568i	-0.0254-0.2539i	-0.0083-0.0056i
8.2	-0.9600+0.3540i	-0.5585-0.0472i	-0.0007-0.0110i	-0.9414+0.2706i	0.1038+0.2998i	0.0308+0.0652i	-0.0679-0.2716i	-0.0180-0.0123i
8.3	-1.0936+0.4099i	-0.6026-0.0274i	-0.0017-0.0125i	-1.0536+0.3338i	0.1584+0.3146i	0.0514+0.0638i	-0.1143-0.2942i	-0.0357-0.0088i
8.4	-1.2301+0.4958i	-0.6470+0.0013i	-0.0012-0.0146i	-1.1669+0.4334i	0.2178+0.3110i	0.0645+0.0426i	-0.1683-0.3015i	-0.0432+0.0139i
8.5	-1.3830+0.6382i	-0.6997+0.0550i	-0.0031-0.0139i	-1.2865+0.5825i	0.2924+0.2825i	0.0654+0.0168i	-0.2400-0.2848i	-0.0379+0.0400i
8.6	-1.5201+0.7686i	-0.7392+0.1000i	-0.0035-0.0135i	-1.4030+0.7065i	0.3423+0.2495i	0.0540+0.0035i	-0.2907-0.2608i	-0.0222+0.0513i
8.7	-1.8148+1.0019i	-0.8170+0.1763i	-0.0007-0.0153i	-1.6602+0.9305i	0.4255+0.1927i	0.0326-0.0063i	-0.3740-0.2280i	0.0074+0.0574i
8.8	-1.9552+1.3769i	-0.8692+0.2942i	-0.0052-0.0180i	-1.7696+1.3017i	0.4786+0.1082i	0.0264+0.0111i	-0.4523-0.1689i	0.0198+0.0363i
8.9	-2.1951+1.8652i	-0.9555+0.4500i	-0.0202-0.0169i	-1.9516+1.7931i	0.5225+0.0015i	0.0684+0.0119i	-0.5573-0.0608i	-0.0193+0.0309i
9.0	-2.1786+2.6062i	-0.9646+0.6969i	-0.0189+0.0039i	-1.8692+2.5122i	0.5473-0.1173i	0.0538-0.0542i	-0.5864+0.1339i	-0.0002+0.0917i
9.1	-2.1139+3.0409i	-0.9343+0.8337i	-0.0012+0.0101i	-1.7289+2.8525i	0.5501-0.2034i	-0.0203-0.0480i	-0.5243+0.2274i	0.0702+0.0835i
9.2	-2.2608+4.2819i	-0.9925+1.1999i	0.0069-0.0018i	-1.8416+3.9296i	0.5929-0.3964i	-0.0414+0.0103i	-0.5561+0.3635i	0.0943+0.0248i
9.3	-0.9259+5.8441i	-0.6177+1.6927i	0.0081-0.0115i	-0.5957+5.3602i	0.4321-0.6639i	-0.0239+0.0369i	-0.4277+0.6136i	0.0830-0.0119i
9.4	1.9628+5.7555i	0.2517+1.7172i	0.0089-0.0166i	2.0564+5.2235i	0.0301-0.7292i	0.0140+0.0487i	-0.0488+0.6944i	0.0468-0.0343i
9.5	3.0317+4.2868i	0.5980+1.2979i	0.0048-0.0207i	3.0265+3.8535i	-0.1634-0.5772i	0.0308+0.0278i	0.1443+0.5554i	0.0224-0.0218i
9.6	3.1710+2.9992i	0.6658+0.9120i	0.0013-0.0247i	3.1446+2.6673i	-0.2352-0.4117i	0.0221+0.0181i	0.2158+0.3956i	0.0222-0.0131i
9.7	3.0872+2.0013i	0.6603+0.6071i	-0.0004-0.0298i	3.0489+1.7526i	-0.2620-0.2693i	0.0209+0.0155i	0.2422+0.2588i	0.0188-0.0082i
9.8	2.6861+1.4700i	0.5444+0.4372i	-0.0055-0.0330i	2.6801+1.2747i	-0.2226-0.1856i	0.0169+0.0105i	0.2024+0.1751i	0.0220-0.0021i
9.9	2.4286+1.1403i	0.4671+0.3365i	-0.0109-0.0325i	2.4571+0.9643i	-0.1943-0.1383i	0.0114+0.0109i	0.1733+0.1272i	0.0253-0.0041i
10.0	2.1785+0.9289i	0.3942+0.2723i	-0.0184-0.0293i	2.2325+0.7700i	-0.1703-0.1115i	0.0058+0.0164i	0.1394+0.1044i	0.0269-0.0092i
10.1	1.9742+0.7760i	0.3360+0.2217i	-0.0184-0.0301i	2.0502+0.6488i	-0.1490-0.0967i	0.0056+0.0215i	0.1187+0.0956i	0.0322-0.0150i
10.2	1.7839+0.7219i	0.2780+0.1984i	-0.0204-0.0308i	1.8918+0.6075i	-0.1364-0.0925i	0.0070+0.0307i	0.1045+0.0972i	0.0286-0.0267i
10.3	1.6645+0.7210i	0.2367+0.1887i	-0.0195-0.0281i	1.8076+0.6073i	-0.1339-0.0948i	0.0256+0.0353i	0.1111+0.1078i	0.0042-0.0314i
10.4	1.6292+0.7211i	0.2189+0.1810i	-0.0189-0.0289i	1.7867+0.6008i	-0.1436-0.0941i	0.0346+0.0223i	0.1280+0.1054i	-0.0069-0.0180i
10.5	1.6299+0.6814i	0.2045+0.1638i	-0.0227-0.0334i	1.8058+0.5634i	-0.1548-0.0781i	0.0274+0.0172i	0.1419+0.0876i	-0.0015-0.0111i
10.6	1.6244+0.6037i	0.1899+0.1418i	-0.0277-0.0369i	1.7988+0.4996i	-0.1541-0.0619i	0.0259+0.0185i	0.1412+0.0678i	0.0019-0.0108i
10.7	1.5973+0.5132i	0.1734+0.1195i	-0.0321-0.0343i	1.7877+0.4228i	-0.1579-0.0508i	0.0269+0.0153i	0.1431+0.0577i	0.0002-0.0096i
10.8	1.5216+0.4354i	0.1409+0.1045i	-0.0373-0.0302i	1.7532+0.3457i	-0.1582-0.0383i	0.0252+0.0126i	0.1391+0.0463i	-0.0000-0.0077i
10.9	1.4470+0.3734i	0.1125+0.0892i	-0.0400-0.0322i	1.7119+0.3024i	-0.1587-0.0280i	0.0252+0.0096i	0.1370+0.0393i	0.0013-0.0036i
11.0	1.3890+0.3381i	0.0884+0.0797i	-0.0396-0.0327i	1.6887+0.2696i	-0.1584-0.0186i	0.0263+0.0096i	0.1323+0.0349i	-0.0003-0.0014i
11.1	1.3420+0.3150i	0.0681+0.0746i	-0.0423-0.0330i	1.6646+0.2448i	-0.1549-0.0080i	0.0260+0.0107i	0.1312+0.0286i	-0.0011-0.0033i
11.2	1.3033+0.2992i	0.0496+0.0723i	-0.0456-0.0330i	1.6555+0.2251i	-0.1544-0.0016i	0.0262+0.0115i	0.1331+0.0292i	-0.0009-0.0052i
11.3	1.2661+0.2820i	0.0275+0.0696i	-0.0500-0.0325i	1.6563+0.2011i	-0.1540+0.0026i	0.0255+0.0106i	0.1357+0.0290i	0.0008-0.0057i
11.4	1.2249+0.2611i	0.0012+0.0653i	-0.0576-0.0297i	1.6609+0.1820i	-0.1511+0.0082i	0.0243+0.0112i	0.1436+0.0256i	0.0004-0.0056i
11.5	1.1949+0.2519i	-0.0152+0.0628i	-0.0616-0.0275i	1.6624+0.1708i	-0.1519+0.0125i	0.0248+0.0118i	0.1511+0.0233i	-0.0016-0.0071i
11.6	1.1640+0.2444i	-0.0359+0.0610i	-0.0649-0.0267i	1.6670+0.1496i	-0.1533+0.0152i	0.0246+0.0121i	0.1609+0.0172i	-0.0045-0.0062i
11.7	1.1278+0.2308i	-0.0610+0.0536i	-0.0667-0.0252i	1.6723+0.1476i	-0.1565+0.0176i	0.0260+0.0125i	0.1673+0.0085i	-0.0052-0.0052i
11.8	1.0980+0.2340i	-0.0833+0.0583i	-0.0674-0.0221i	1.6931+0.1446i	-0.1612+0.0190i	0.0262+0.0122i	0.1702+0.0019i	-0.0065-0.0043i
11.9	1.0700+0.2378i	-0.1057+0.0648i	-0.0700-0.0165i	1.7192+0.1194i	-0.1668+0.0225i	0.0260+0.0119i	0.1744-0.0069i	-0.0073-0.0050i

12.0	1.0427+0.2455i	-0.1299+0.0651i	-0.0716-0.0152i	1.7554+0.1174i	-0.1735+0.0258i	0.0255+0.0134i	0.1808-0.0115i	-0.0059-0.0069i
12.1	1.0152+0.2671i	-0.1612+0.0718i	-0.0752-0.0128i	1.8192+0.1153i	-0.1844+0.0315i	0.0238+0.0161i	0.1889-0.0169i	-0.0051-0.0087i
12.2	0.9964+0.2891i	-0.1884+0.0733i	-0.0801-0.0140i	1.8730+0.1210i	-0.1981+0.0431i	0.0220+0.0186i	0.1982-0.0251i	-0.0037-0.0102i
12.3	0.9823+0.3222i	-0.2151+0.0776i	-0.0811-0.0178i	1.9320+0.1441i	-0.2092+0.0526i	0.0218+0.0242i	0.2082-0.0333i	-0.0055-0.0160i
12.4	0.9808+0.3656i	-0.2424+0.0901i	-0.0762-0.0218i	2.0060+0.1510i	-0.2191+0.0679i	0.0272+0.0330i	0.2211-0.0416i	-0.0129-0.0228i
12.5	1.0005+0.4014i	-0.2633+0.1039i	-0.0690-0.0272i	2.1116+0.1163i	-0.2247+0.0784i	0.0360+0.0398i	0.2343-0.0501i	-0.0213-0.0297i
12.6	1.0245+0.4419i	-0.2946+0.1109i	-0.0659-0.0463i	2.2519+0.0937i	-0.2368+0.0901i	0.0465+0.0470i	0.2568-0.0623i	-0.0344-0.0385i
12.7	1.0669+0.4747i	-0.3288+0.1248i	-0.0812-0.0944i	2.4212+0.0329i	-0.2462+0.1067i	0.0674+0.0527i	0.2779-0.0882i	-0.0569-0.0421i
12.8	1.1110+0.5098i	-0.3628+0.1407i	-0.1124-0.1469i	2.5738-0.0466i	-0.2502+0.1151i	0.0902+0.0563i	0.2921-0.1163i	-0.0829-0.0464i
12.9	1.1765+0.5445i	-0.4095+0.1558i	-0.1942-0.1951i	2.7619-0.1570i	-0.2740+0.1216i	0.1245+0.0491i	0.3105-0.1494i	-0.1220-0.0367i
13.0	1.2424+0.5490i	-0.4596+0.1719i	-0.3259-0.2208i	2.9558-0.2789i	-0.3050+0.1376i	0.1654+0.0267i	0.3194-0.1857i	-0.1675-0.0083i
13.1	1.2913+0.5479i	-0.5270+0.1931i	-0.4892-0.1916i	3.1662-0.4495i	-0.3436+0.1723i	0.2028-0.0132i	0.3306-0.2292i	-0.2092+0.0388i
13.2	1.3231+0.5760i	-0.6245+0.2238i	-0.7162-0.0992i	3.4535-0.6827i	-0.3924+0.2293i	0.2381-0.0719i	0.3481-0.2913i	-0.2472+0.1055i
13.3	1.3523+0.6408i	-0.7147+0.2833i	-0.8904+0.0767i	3.6524-0.9553i	-0.4249+0.2938i	0.2523-0.1392i	0.3450-0.3567i	-0.2598+0.1769i
13.4	1.4500+0.7762i	-0.8045+0.4116i	-1.0206+0.4531i	3.8020-1.3880i	-0.4265+0.3875i	0.2510-0.2457i	0.2993-0.4151i	-0.2566+0.2862i
13.5	1.6831+0.9929i	-0.8878+0.5806i	-0.9800+1.0369i	3.9029-1.9237i	-0.4060+0.4923i	0.1853-0.4102i	0.2481-0.4595i	-0.1898+0.4606i
13.6	2.1282+1.1362i	-0.9048+0.7806i	-0.5284+1.6195i	3.8377-2.4554i	-0.3465+0.6000i	-0.0118-0.5428i	0.1912-0.5007i	0.0072+0.6001i
13.7	2.8644+0.9933i	-0.8490+0.9560i	0.4657+1.7754i	3.6842-2.8505i	-0.2529+0.6735i	-0.3458-0.4653i	0.1370-0.4847i	0.3383+0.5355i
13.8	3.2828+0.5993i	-0.8338+1.0396i	0.9868+1.4148i	3.7146-3.0753i	-0.2115+0.6977i	-0.4440-0.2805i	0.1535-0.4764i	0.4344+0.3642i
13.9	3.7256+0.0437i	-0.8855+1.1604i	1.3694+0.8789i	3.9710-3.4810i	-0.1842+0.7387i	-0.4435-0.0955i	0.2059-0.5164i	0.4352+0.2002i
14.0	4.1873-0.6996i	-1.0103+1.4506i	1.5458+0.3114i	4.4243-4.4551i	-0.1568+0.8545i	-0.4074+0.0324i	0.2485-0.6527i	0.4116+0.1106i
14.1	4.3470-1.5686i	-0.9843+1.8593i	1.4816-0.1191i	4.3937-5.8011i	-0.0656+0.9940i	-0.3684+0.0928i	0.2042-0.8288i	0.3990+0.0751i
14.2	3.9095-3.4838i	-0.4727+2.6887i	1.1435-0.7933i	2.8158-8.5556i	0.2711+1.1917i	-0.3280+0.1910i	-0.0911-1.1077i	0.4342-0.0021i
14.3	2.3009-4.5459i	0.5113+2.9190i	0.5885-1.0403i	-0.3760-9.4284i	0.6680+1.1146i	-0.2310+0.2739i	-0.4867-1.0961i	0.4031-0.1208i
14.4	0.0896-4.1632i	1.5746+2.3094i	-0.0442-0.8276i	-3.9275-7.5525i	0.9822+0.7501i	-0.0737+0.2995i	-0.8392-0.7492i	0.2814-0.2303i
14.5	-0.6347-3.1661i	1.8034+1.6094i	-0.2195-0.5291i	-4.7345-5.2943i	0.9936+0.4662i	-0.0093+0.2647i	-0.8698-0.4635i	0.2054-0.2393i
14.6	-0.7519-2.4137i	1.7330+1.0728i	-0.2215-0.3124i	-4.5297-3.5989i	0.9394+0.2395i	0.0405+0.2324i	-0.8056-0.2569i	0.1367-0.2373i
14.7	-0.8037-2.0150i	1.5975+0.7558i	-0.1857-0.2033i	-4.1503-2.6395i	0.8492+0.0769i	0.0865+0.1838i	-0.7181-0.1421i	0.0672-0.2055i
14.8	-0.8577-1.5062i	1.4019+0.5066i	-0.1560-0.1269i	-3.6202-1.8311i	0.6868-0.0059i	0.0708+0.1104i	-0.6244-0.0824i	0.0596-0.1344i
14.9	-0.8108-1.2337i	1.2869+0.3897i	-0.1324-0.0844i	-3.3023-1.4586i	0.6206-0.0167i	0.0468+0.0988i	-0.5915-0.0590i	0.0783-0.1216i
15.0	-0.7147-1.0000i	1.1480+0.2916i	-0.1013-0.0550i	-2.9487-1.1197i	0.5719-0.0313i	0.0466+0.1037i	-0.5648-0.0238i	0.0737-0.1285i
15.1	-0.6432-0.8297i	1.0346+0.2367i	-0.0853-0.0296i	-2.6567-0.9101i	0.5296-0.0429i	0.0542+0.0966i	-0.5353+0.0056i	0.0610-0.1234i
15.2	-0.5766-0.6646i	0.9484+0.1891i	-0.0625-0.0153i	-2.4387-0.6926i	0.4973-0.0568i	0.0533+0.0847i	-0.5122+0.0399i	0.0595-0.1135i
15.3	-0.4937-0.5484i	0.8693+0.1636i	-0.0463-0.0023i	-2.2260-0.5715i	0.4764-0.0674i	0.0457+0.0779i	-0.4913+0.0674i	0.0647-0.1092i
15.4	-0.3997-0.4493i	0.8003+0.1396i	-0.0392+0.0072i	-2.0215-0.4439i	0.4596-0.0817i	0.0342+0.0796i	-0.4717+0.1003i	0.0727-0.1155i
15.5	-0.3289-0.3830i	0.7572+0.1187i	-0.0340+0.0052i	-1.8781-0.3166i	0.4458-0.1006i	0.0321+0.0870i	-0.4523+0.1379i	0.0717-0.1313i
15.6	-0.2604-0.3284i	0.7071+0.0944i	-0.0311+0.0118i	-1.7151-0.2054i	0.4329-0.1306i	0.0387+0.1046i	-0.4238+0.1913i	0.0614-0.1596i
15.7	-0.2207-0.3048i	0.6618+0.0911i	-0.0248+0.0212i	-1.5838-0.1789i	0.4092-0.1521i	0.0468+0.1122i	-0.3847+0.2202i	0.0455-0.1722i
15.8	-0.1740-0.2747i	0.6051+0.0778i	-0.0161+0.0254i	-1.4267-0.1063i	0.3823-0.1576i	0.0673+0.1227i	-0.3295+0.2289i	0.0145-0.1847i
15.9	-0.1324-0.2611i	0.5732+0.0712i	-0.0137+0.0219i	-1.3056-0.0517i	0.3663-0.1628i	0.0989+0.1230i	-0.2866+0.2277i	-0.0265-0.1854i
16.0	-0.1066-0.2345i	0.5228+0.0849i	0.0016+0.0235i	-1.2059-0.0238i	0.3686-0.1867i	0.1422+0.1125i	-0.2553+0.2345i	-0.0770-0.1777i
16.1	-0.0887-0.2229i	0.4832+0.1011i	0.0056+0.0321i	-1.1043-0.0226i	0.3570-0.2282i	0.1670+0.0815i	-0.2338+0.2449i	-0.1085-0.1475i
16.2	-0.0719-0.2098i	0.4753+0.1338i	0.0129+0.0413i	-1.0477-0.0526i	0.3247-0.2655i	0.1735+0.0364i	-0.2109+0.2473i	-0.1225-0.0992i
16.3	-0.0541-0.1930i	0.4922+0.1464i	0.0142+0.0437i	-1.0397-0.0221i	0.2911-0.3035i	0.1683-0.0077i	-0.1929+0.2611i	-0.1223-0.0532i
16.4	-0.0410-0.1824i	0.5022+0.1245i	0.0215+0.0415i	-1.0115+0.0774i	0.2132-0.3387i	0.1355-0.0443i	-0.1442+0.2892i	-0.0981-0.0186i
16.5	-0.0293-0.1705i	0.4845+0.0975i	0.0352+0.0492i	-0.8850+0.1440i	0.1041-0.3220i	0.0864-0.0590i	-0.0713+0.2799i	-0.0589+0.0047i
16.6	-0.0183-0.1518i	0.4593+0.1001i	0.0483+0.0342i	-0.7862+0.1314i	0.0825-0.2416i	0.0724-0.0398i	-0.0501+0.2230i	-0.0450-0.0014i
16.7	-0.0070-0.1423i	0.4370+0.0998i	0.0533+0.0270i	-0.7222+0.1221i	0.1076-0.2217i	0.0734-0.0452i	-0.0538+0.2130i	-0.0417+0.0072i
16.8	-0.0081-0.1454i	0.4100+0.0935i	0.0666+0.0265i	-0.6297+0.1621i	0.0790-0.2712i	0.0402-0.0641i	-0.0048+0.2464i	-0.0116+0.0210i
16.9	-0.0175-0.1224i	0.3778+0.1030i	0.0740+0.0206i	-0.5002+0.1305i	-0.0073-0.2422i	0.0001-0.0350i	0.0662+0.1841i	0.0178-0.0053i
17.0	0.0021-0.0986i	0.3788+0.1204i	0.0750+0.0064i	-0.4904+0.0753i	-0.0185-0.1389i	-0.0047+0.0033i	0.0454+0.0951i	0.0262-0.0290i
17.1	0.0223-0.1008i	0.3793+0.1181i	0.0799+0.0017i	-0.5136+0.1471i	0.0463-0.1201i	0.0270+0.0419i	-0.0236+0.0982i	0.0028-0.0746i
17.2	0.0108-0.0964i	0.3540+0.1215i	0.0837-0.0109i	-0.3780+0.1360i	0.0127-0.1275i	0.0603+0.0173i	0.0324+0.1242i	-0.0505-0.0475i
17.3	0.0224-0.0845i	0.3520+0.1378i	0.0714-0.0227i	-0.3418+0.0890i	0.0232-0.0844i	0.0514-0.0080i	0.0229+0.0515i	-0.0350-0.0034i
17.4	0.0271-0.0812i	0.3523+0.1460i	0.0686-0.0324i	-0.3219+0.0906i	0.0356-0.0812i	0.0382-0.0132i	-0.0144+0.0454i	-0.0107+0.0032i
17.5	0.0228-0.0784i	0.3505+0.1444i	0.0585-0.0346i	-0.2685+0.0881i	0.0393-0.0760i	0.0337-0.0063i	-0.0191+0.0610i	-0.0043-0.0063i
17.6	0.0177-0.0739i	0.3491+0.1459i	0.0577-0.0381i	-0.2584+0.0800i	0.0494-0.0710i	0.0347-0.0046i	-0.0172+0.0640i	-0.0038-0.0106i
17.7	0.0166-0.0669i	0.3500+0.1493i	0.0473-0.0391i	-0.2418+0.0731i	0.0557-0.0728i	0.0342-0.0068i	-0.0122+0.0631i	-0.0034-0.0091i
17.8	0.0135-0.0570i	0.3463+0.1502i	0.0350-0.0414i	-0.1846+0.0706i	0.0538-0.0828i	0.0314-0.0070i	-0.0067+0.0660i	-0.0007-0.0081i
17.9	0.0064-0.0526i	0.3381+0.1483i	0.0329-0.0397i	-0.1102+0.0583i	0.0397-0.0895i	0.0255-0.0035i	0.0016+0.0700i	0.0035-0.0095i
18.0	-0.0036-0.0387i	0.3342+0.1488i	0.0337-0.0364i	-0.0681+0.0236i	0.0386-0.0730i	0.0289+0.0012i	0.0091+0.0550i	-0.0002-0.0126i
18.1	-0.0043-0.0330i	0.3329+0.1510i	0.0306-0.0272i	-0.0349-0.0312i	0.0347-0.0484i	0.0297+0.0119i	0.0233+0.0299i	-0.0013-0.0168i
18.2	-0.0096-0.0219i	0.3266+0.1466i	0.0308-0.0271i	-0.0230-0.0598i	0.0348-0.0439i	0.0298+0.0130i	0.0277+0.0211i	-0.0002-0.0135i

18.3	-0.0196-0.0170i	0.3162+0.1467i	0.0307-0.0251i	-0.0153-0.1040i	0.0344-0.0329i	0.0326+0.0179i	0.0323+0.0068i	0.0018-0.0141i
18.4	-0.0328-0.0107i	0.3164+0.1407i	0.0336-0.0222i	-0.0428-0.0874i	0.0489-0.0432i	0.0438+0.0093i	0.0205-0.0055i	-0.0012-0.0056i
18.5	-0.0812+0.0012i	0.2939+0.1290i	0.0345-0.0275i	0.0053-0.0116i	0.0455-0.0672i	0.0440-0.0092i	0.0145-0.0236i	0.0063+0.0061i
18.6	-0.1212+0.0799i	0.2567+0.1423i	0.0266-0.0277i	0.1906+0.0049i	0.0061-0.0660i	0.0186-0.0193i	-0.0035-0.0387i	0.0239+0.0018i
18.7	-0.1077+0.1583i	0.2367+0.1770i	0.0234-0.0163i	0.3309-0.1663i	-0.0132-0.0154i	-0.0017+0.0008i	-0.0293-0.0431i	0.0308-0.0161i
18.8	-0.0489+0.1772i	0.2495+0.2081i	0.0270-0.0075i	0.2625-0.3527i	0.0161+0.0235i	0.0099+0.0288i	-0.0298-0.0256i	0.0168-0.0301i
18.9	-0.0242+0.1809i	0.2557+0.2142i	0.0342-0.0056i	0.2295-0.3934i	0.0302+0.0279i	0.0212+0.0326i	-0.0273-0.0199i	0.0093-0.0267i
19.0	-0.0079+0.1955i	0.2604+0.2239i	0.0429-0.0049i	0.1611-0.4549i	0.0555+0.0280i	0.0344+0.0317i	-0.0248-0.0244i	0.0033-0.0206i
19.1	0.0076+0.2229i	0.2648+0.2346i	0.0547-0.0042i	0.1080-0.5124i	0.0827+0.0344i	0.0432+0.0300i	-0.0257-0.0292i	0.0003-0.0226i
19.2	0.0276+0.2372i	0.2683+0.2440i	0.0682-0.0084i	0.0616-0.5255i	0.0925+0.0285i	0.0446+0.0253i	-0.0248-0.0299i	0.0008-0.0141i
19.3	0.0346+0.2362i	0.2631+0.2508i	0.0716-0.0153i	0.0745-0.5372i	0.0860+0.0291i	0.0421+0.0252i	-0.0228-0.0365i	0.0056-0.0122i
19.4	0.0454+0.2471i	0.2606+0.2572i	0.0735-0.0252i	0.0696-0.5562i	0.0943+0.0258i	0.0377+0.0228i	-0.0304-0.0409i	0.0142-0.0099i
19.5	0.0638+0.2695i	0.2590+0.2726i	0.0822-0.0349i	0.0587-0.5786i	0.1086+0.0218i	0.0400+0.0251i	-0.0413-0.0450i	0.0146-0.0120i
19.6	0.0892+0.2873i	0.2662+0.2911i	0.0788-0.0526i	0.0128-0.6316i	0.1282+0.0174i	0.0434+0.0269i	-0.0477-0.0498i	0.0142-0.0148i
19.7	0.1079+0.2880i	0.2817+0.2994i	0.0897-0.0722i	-0.0657-0.6583i	0.1467+0.0160i	0.0468+0.0284i	-0.0442-0.0522i	0.0165-0.0156i
19.8	0.1190+0.2894i	0.2913+0.3171i	0.0890-0.0797i	-0.1484-0.6959i	0.1647-0.0058i	0.0549+0.0329i	-0.0531-0.0653i	0.0111-0.0226i
19.9	0.1306+0.2971i	0.2959+0.3311i	0.0728-0.0845i	-0.1900-0.7153i	0.1651-0.0266i	0.0553+0.0337i	-0.0653-0.0672i	0.0125-0.0286i
20.0	0.1500+0.3047i	0.3177+0.3456i	0.0615-0.0876i	-0.2883-0.7165i	0.1688-0.0560i	0.0647+0.0311i	-0.0787-0.0705i	0.0049-0.0276i
20.1	0.1571+0.3108i	0.3286+0.3521i	0.0436-0.0903i	-0.3259-0.7026i	0.1586-0.0730i	0.0718+0.0288i	-0.0920-0.0709i	-0.0007-0.0247i
20.2	0.1658+0.3123i	0.3387+0.3587i	0.0412-0.0893i	-0.3649-0.6825i	0.1453-0.0811i	0.0758+0.0211i	-0.1052-0.0623i	-0.0042-0.0179i
20.3	0.1863+0.3151i	0.3600+0.3594i	0.0344-0.0804i	-0.4293-0.6453i	0.1375-0.0808i	0.0694+0.0150i	-0.1050-0.0466i	0.0055-0.0124i
20.4	0.2038+0.3017i	0.3840+0.3692i	0.0318-0.0557i	-0.5104-0.6116i	0.1276-0.0886i	0.0700+0.0098i	-0.1014-0.0351i	0.0091-0.0085i
20.5	0.2080+0.2952i	0.4015+0.3671i	0.0595-0.0694i	-0.5643-0.5868i	0.1220-0.0929i	0.0664+0.0069i	-0.1045-0.0336i	0.0150-0.0091i
20.6	0.2045+0.2803i	0.4172+0.3588i	0.0520-0.0611i	-0.6235-0.4920i	0.1165-0.0944i	0.0605+0.0063i	-0.1087-0.0349i	0.0264-0.0148i
20.7	0.1912+0.2846i	0.4268+0.3559i	0.0572-0.0729i	-0.6494-0.4195i	0.1168-0.0959i	0.0600+0.0129i	-0.1142-0.0326i	0.0264-0.0296i
20.8	0.1832+0.3010i	0.4406+0.3507i	0.0786-0.0754i	-0.6584-0.3544i	0.1123-0.1076i	0.0647+0.0201i	-0.1237-0.0360i	0.0190-0.0458i
20.9	0.1754+0.3052i	0.4510+0.3492i	0.0772-0.0805i	-0.6558-0.3276i	0.1061-0.1146i	0.0681+0.0221i	-0.1300-0.0418i	0.0146-0.0510i
21.0	0.1677+0.3188i	0.4612+0.3499i	0.0555-0.0994i	-0.6733-0.2492i	0.0949-0.1190i	0.0793+0.0252i	-0.1357-0.0310i	-0.0004-0.0590i
21.1	0.1543+0.3395i	0.4719+0.3479i	0.0903-0.0958i	-0.6953-0.1716i	0.0857-0.1139i	0.0890+0.0308i	-0.1419-0.0182i	-0.0107-0.0722i
21.2	0.1384+0.3711i	0.4774+0.3417i	0.0639-0.0955i	-0.6880-0.0731i	0.0856-0.1115i	0.1005+0.0249i	-0.1505-0.0075i	-0.0293-0.0700i
21.3	0.1340+0.4280i	0.4855+0.3353i	0.0517-0.1285i	-0.6840+0.0423i	0.0790-0.1231i	0.1163+0.0188i	-0.1598-0.0001i	-0.0507-0.0680i
21.4	0.1543+0.4937i	0.4917+0.3373i	0.0292-0.1287i	-0.6364+0.1709i	0.0613-0.1383i	0.1322+0.0050i	-0.1710+0.0180i	-0.0807-0.0541i
21.5	0.2004+0.5281i	0.5033+0.3313i	0.0227-0.1327i	-0.5650+0.2350i	0.0373-0.1318i	0.1330-0.0195i	-0.1731+0.0389i	-0.0863-0.0200i
21.6	0.2442+0.5715i	0.5168+0.3288i	0.0085-0.1569i	-0.4893+0.3062i	0.0141-0.1328i	0.1311-0.0392i	-0.1664+0.0594i	-0.0920-0.0008i
21.7	0.2850+0.5987i	0.5296+0.3298i	0.0241-0.1748i	-0.4309+0.3416i	-0.0023-0.1292i	0.1254-0.0494i	-0.1545+0.0720i	-0.0897+0.0126i
21.8	0.3463+0.6293i	0.5446+0.3242i	0.0345-0.1898i	-0.3249+0.3957i	-0.0259-0.0992i	0.1157-0.0749i	-0.1417+0.0894i	-0.0846+0.0497i
21.9	0.4235+0.6270i	0.5623+0.3147i	0.0042-0.1636i	-0.2210+0.4126i	-0.0305-0.0709i	0.0976-0.0836i	-0.1228+0.0875i	-0.0639+0.0679i
22.0	0.5002+0.6314i	0.5719+0.3066i	-0.0361-0.1450i	-0.0609+0.4450i	-0.0293-0.0494i	0.0713-0.0985i	-0.0979+0.0920i	-0.0319+0.0920i
22.1	0.5599+0.6043i	0.5829+0.2975i	-0.0144-0.1728i	0.0463+0.4235i	-0.0194-0.0218i	0.0554-0.0954i	-0.0916+0.0942i	-0.0112+0.0940i
22.2	0.6135+0.5755i	0.5896+0.2840i	-0.0457-0.1503i	0.1830+0.3769i	-0.0040-0.0043i	0.0397-0.0906i	-0.0782+0.0840i	0.0097+0.0879i
22.3	0.6576+0.5401i	0.5993+0.2750i	-0.0696-0.1310i	0.2512+0.2955i	0.0180-0.0018i	0.0258-0.0836i	-0.0612+0.0808i	0.0268+0.0798i
22.4	0.7094+0.4888i	0.6152+0.2565i	-0.0563-0.1218i	0.2884+0.2247i	0.0284-0.0025i	0.0221-0.0736i	-0.0552+0.0733i	0.0260+0.0707i
22.5	0.7447+0.4330i	0.6227+0.2357i	-0.0589-0.1370i	0.3316+0.1892i	0.0428-0.0025i	0.0128-0.0634i	-0.0508+0.0623i	0.0352+0.0579i
22.6	0.7539+0.3692i	0.6193+0.2220i	-0.0536-0.1096i	0.3450+0.1073i	0.0545-0.0098i	0.0120-0.0497i	-0.0526+0.0428i	0.0338+0.0410i
22.7	0.7631+0.3170i	0.6234+0.2049i	-0.0246-0.1039i	0.3529+0.0562i	0.0632-0.0181i	0.0165-0.0401i	-0.0627+0.0286i	0.0273+0.0305i
22.8	0.7584+0.2727i	0.6162+0.1923i	0.0002-0.1211i	0.4024+0.0041i	0.0650-0.0216i	0.0277-0.0441i	-0.0809+0.0336i	0.0119+0.0472i
22.9	0.7315+0.2375i	0.6105+0.1781i	0.0063-0.1770i	0.4008-0.0312i	0.0660-0.0214i	0.0326-0.0563i	-0.0912+0.0541i	0.0095+0.0737i
23.0	0.7127+0.2271i	0.6098+0.1755i	0.0203-0.2005i	0.3775-0.0732i	0.0711-0.0274i	0.0083-0.0616i	-0.0714+0.0623i	0.0536+0.0799i
23.1	0.7164+0.2015i	0.6061+0.1661i	-0.0216-0.2307i	0.3990-0.0972i	0.0707-0.0333i	-0.0024-0.0467i	-0.0589+0.0526i	0.0639+0.0586i
23.2	0.7095+0.1704i	0.6016+0.1542i	-0.0555-0.2469i	0.4129-0.1195i	0.0731-0.0306i	-0.0055-0.0404i	-0.0573+0.0443i	0.0697+0.0473i
23.3	0.6917+0.1518i	0.5933+0.1451i	-0.0894-0.2502i	0.4479-0.1504i	0.0760-0.0398i	-0.0069-0.0280i	-0.0597+0.0322i	0.0713+0.0340i
23.4	0.6781+0.1433i	0.5825+0.1405i	-0.1100-0.2373i	0.4935-0.1764i	0.0813-0.0430i	-0.0055-0.0207i	-0.0622+0.0253i	0.0726+0.0233i
23.5	0.6618+0.1362i	0.5818+0.1390i	-0.1263-0.2200i	0.4826-0.2164i	0.0856-0.0504i	-0.0044-0.0106i	-0.0608+0.0192i	0.0758+0.0095i
23.6	0.6521+0.1240i	0.5750+0.1429i	-0.1528-0.2209i	0.5126-0.3126i	0.0842-0.0585i	-0.0026-0.0019i	-0.0676+0.0159i	0.0660+0.0014i
23.7	0.6472+0.1180i	0.5677+0.1462i	-0.1720-0.2274i	0.5426-0.3670i	0.0852-0.0694i	-0.0025+0.0032i	-0.0769+0.0149i	0.0642-0.0076i
23.8	0.6456+0.1169i	0.5635+0.1497i	-0.1976-0.2297i	0.5325-0.4277i	0.0805-0.0797i	0.0005+0.0141i	-0.0918+0.0082i	0.0580-0.0194i
23.9	0.6455+0.1027i	0.5654+0.1555i	-0.2180-0.2115i	0.5080-0.5246i	0.0614-0.0819i	0.0132+0.0187i	-0.1004+0.0140i	0.0428-0.0186i
24.0	0.6537+0.0960i	0.5673+0.1598i	-0.2509-0.1890i	0.5131-0.5830i	0.0371-0.0908i	0.0273+0.0191i	-0.1106+0.0258i	0.0141-0.0102i
24.1	0.6498+0.0873i	0.5758+0.1623i	-0.2630-0.1455i	0.4367-0.6157i	0.0183-0.0752i	0.0358+0.0149i	-0.1147+0.0406i	0.0007+0.0034i
24.2	0.6480+0.0740i	0.5816+0.1586i	-0.2702-0.1185i	0.3827-0.6233i	0.0133-0.0579i	0.0354+0.0107i	-0.1053+0.0527i	0.0109+0.0165i
24.3	0.6475+0.0618i	0.5890+0.1550i	-0.2794-0.1020i	0.3543-0.6251i	0.0204-0.0444i	0.0285+0.0120i	-0.0924+0.0527i	0.0287+0.0224i
24.4	0.6357+0.0482i	0.5879+0.1451i	-0.2761-0.0849i	0.3483-0.5864i	0.0346-0.0293i	0.0278+0.0112i	-0.0865+0.0444i	0.0433+0.0229i
24.5	0.6217+0.0363i	0.5838+0.1448i	-0.2648-0.0473i	0.3650-0.5867i	0.0471-0.0347i	0.0286+0.0173i	-0.0928+0.0349i	0.0408+0.0050i

24.6	0.6006+0.0240i	0.5828+0.1420i	-0.2546-0.0300i	0.3421-0.5944i	0.0469-0.0344i	0.0351+0.0196i	-0.1024+0.0392i	0.0422+0.0067i
24.7	0.5860+0.0068i	0.5808+0.1308i	-0.2489-0.0280i	0.3533-0.5695i	0.0528-0.0257i	0.0378+0.0182i	-0.0994+0.0481i	0.0449+0.0168i
24.8	0.5814+0.0012i	0.5809+0.1296i	-0.2389-0.0305i	0.3668-0.5997i	0.0473-0.0246i	0.0457+0.0268i	-0.1169+0.0452i	0.0238+0.0119i
24.9	0.5603-0.0008i	0.5736+0.1347i	-0.2328-0.0222i	0.4023-0.6731i	0.0536-0.0218i	0.0564+0.0293i	-0.1320+0.0531i	0.0157+0.0173i
25.0	0.5407+0.0158i	0.5740+0.1449i	-0.2177-0.0113i	0.3535-0.7546i	0.0564-0.0224i	0.0676+0.0218i	-0.1491+0.0713i	0.0023+0.0272i
25.1	0.5304+0.0227i	0.5786+0.1510i	-0.2154-0.0054i	0.3440-0.8084i	0.0648-0.0271i	0.0723+0.0192i	-0.1515+0.0876i	0.0047+0.0358i
25.2	0.5145+0.0240i	0.5785+0.1573i	-0.2104+0.0014i	0.2973-0.8814i	0.0693-0.0343i	0.0748+0.0158i	-0.1384+0.1093i	0.0181+0.0437i
25.3	0.5120+0.0349i	0.5861+0.1619i	-0.2126+0.0004i	0.2419-0.8922i	0.0632-0.0465i	0.0794+0.0120i	-0.1308+0.1135i	0.0163+0.0419i
25.4	0.5072+0.0377i	0.5975+0.1613i	-0.1978+0.0062i	0.1824-0.8913i	0.0460-0.0546i	0.0875+0.0101i	-0.1284+0.1274i	0.0015+0.0513i
25.5	0.5074+0.0479i	0.6086+0.1601i	-0.1947+0.0044i	0.1433-0.8687i	0.0243-0.0445i	0.0980+0.0007i	-0.1314+0.1433i	-0.0196+0.0688i
25.6	0.5094+0.0595i	0.6076+0.1592i	-0.2092+0.0012i	0.1676-0.8633i	0.0100-0.0291i	0.1032-0.0121i	-0.1335+0.1612i	-0.0286+0.1043i
25.7	0.5071+0.0709i	0.6065+0.1665i	-0.2128+0.0043i	0.1746-0.9313i	0.0144+0.0017i	0.1044-0.0290i	-0.1148+0.1964i	-0.0068+0.1570i
25.8	0.5143+0.1030i	0.6221+0.1770i	-0.2152+0.0061i	0.0711-0.9384i	0.0558+0.0172i	0.0902-0.0432i	-0.0633+0.1955i	0.0504+0.1530i
25.9	0.5373+0.1166i	0.6385+0.1814i	-0.2207+0.0101i	0.0313-0.9019i	0.0718-0.0041i	0.0786-0.0393i	-0.0500+0.1652i	0.0596+0.1243i
26.0	0.5551+0.1202i	0.6471+0.1721i	-0.2364+0.0154i	0.0496-0.8600i	0.0580-0.0210i	0.0803-0.0422i	-0.0570+0.1489i	0.0553+0.1251i
26.1	0.5653+0.1239i	0.6475+0.1701i	-0.2460+0.0307i	0.0587-0.8869i	0.0555-0.0142i	0.0785-0.0513i	-0.0523+0.1657i	0.0733+0.1573i
26.2	0.5959+0.1183i	0.6551+0.1702i	-0.2526+0.0518i	0.0113-0.9168i	0.0543-0.0105i	0.0663-0.0609i	-0.0424+0.1769i	0.1036+0.1728i
26.3	0.6125+0.1107i	0.6676+0.1681i	-0.2525+0.0775i	-0.0620-0.8990i	0.0556-0.0088i	0.0578-0.0598i	-0.0317+0.1769i	0.1317+0.1579i
26.4	0.6219+0.0987i	0.6725+0.1644i	-0.2351+0.1129i	-0.1054-0.8643i	0.0521-0.0101i	0.0509-0.0595i	-0.0195+0.1831i	0.1560+0.1403i
26.5	0.6359+0.0768i	0.6794+0.1527i	-0.1981+0.1370i	-0.1262-0.7863i	0.0428-0.0009i	0.0427-0.0587i	-0.0106+0.1861i	0.1537+0.1220i
26.6	0.6410+0.0555i	0.6797+0.1546i	-0.1597+0.1430i	-0.0822-0.7345i	0.0484+0.0087i	0.0379-0.0567i	0.0027+0.1837i	0.1489+0.1105i
26.7	0.6416+0.0471i	0.6815+0.1618i	-0.1283+0.1331i	-0.0018-0.7259i	0.0568+0.0137i	0.0356-0.0525i	0.0159+0.1750i	0.1432+0.0972i
26.8	0.6479+0.0306i	0.6879+0.1614i	-0.1067+0.1098i	0.0803-0.7075i	0.0558+0.0385i	0.0331-0.0462i	0.0155+0.1805i	0.1239+0.1101i
26.9	0.6560+0.0200i	0.6942+0.1648i	-0.0922+0.0889i	0.1392-0.7209i	0.0700+0.0518i	0.0341-0.0455i	0.0240+0.1923i	0.1194+0.1276i
27.0	0.6677+0.0001i	0.7089+0.1679i	-0.0870+0.0697i	0.1634-0.8043i	0.0736+0.0543i	0.0323-0.0525i	0.0406+0.2031i	0.1199+0.1605i
27.1	0.6687-0.0219i	0.7233+0.1714i	-0.0830+0.0567i	0.1556-0.8846i	0.0877+0.0733i	0.0263-0.0569i	0.0602+0.1941i	0.1470+0.1929i
27.2	0.6636-0.0554i	0.7386+0.1659i	-0.0782+0.0401i	0.1318-0.9256i	0.1102+0.0796i	0.0219-0.0557i	0.0760+0.1910i	0.1771+0.2100i
27.3	0.6454-0.0920i	0.7436+0.1595i	-0.0763+0.0189i	0.1305-0.9761i	0.1399+0.0709i	0.0142-0.0509i	0.0887+0.1780i	0.2094+0.2110i
27.4	0.6052-0.1035i	0.7423+0.1539i	-0.0846-0.0101i	0.1269-1.0059i	0.1516+0.0648i	0.0116-0.0477i	0.1021+0.1690i	0.2459+0.2184i
27.5	0.5817-0.1051i	0.7490+0.1529i	-0.0922-0.0418i	0.1449-0.9970i	0.1572+0.0749i	0.0089-0.0528i	0.1201+0.1700i	0.2831+0.2353i
27.6	0.5680-0.1138i	0.7583+0.1585i	-0.1221-0.0765i	0.1704-1.0737i	0.1807+0.1070i	-0.0001-0.0519i	0.1435+0.1873i	0.3535+0.2591i
27.7	0.5401-0.1288i	0.7731+0.1605i	-0.1520-0.1030i	0.1264-1.1479i	0.2255+0.1009i	-0.0146-0.0497i	0.1722+0.1791i	0.4310+0.2180i
27.8	0.5053-0.1214i	0.7855+0.1584i	-0.2005-0.1100i	0.0641-1.1607i	0.2676+0.0778i	-0.0254-0.0397i	0.2047+0.1580i	0.4691+0.1655i
27.9	0.4698-0.0962i	0.7867+0.1504i	-0.2611-0.0911i	0.0770-1.1620i	0.2829+0.0362i	-0.0286-0.0297i	0.2255+0.1189i	0.4842+0.1004i
28.0	0.4358-0.0691i	0.7876+0.1595i	-0.3088-0.0473i	0.1200-1.2272i	0.2957+0.0130i	-0.0320-0.0202i	0.2376+0.0936i	0.4840+0.0533i
28.1	0.4103-0.0205i	0.7894+0.1782i	-0.3327-0.0080i	0.1378-1.3467i	0.2944-0.0073i	-0.0352-0.0062i	0.2383+0.0513i	0.4781+0.0218i
28.2	0.4280+0.0579i	0.8281+0.2146i	-0.3581+0.0383i	0.0022-1.4996i	0.3031-0.0003i	-0.0362+0.0057i	0.2205+0.0186i	0.4793+0.0140i
28.3	0.5036+0.0833i	0.8885+0.2071i	-0.3607+0.0956i	-0.1754-1.4875i	0.3424-0.0015i	-0.0326+0.0128i	0.2027+0.0196i	0.5059+0.0086i
28.4	0.5374+0.0531i	0.9124+0.1729i	-0.3355+0.1329i	-0.2160-1.3874i	0.3734-0.0434i	-0.0336+0.0202i	0.2142+0.0172i	0.5402-0.0369i
28.5	0.5459+0.0380i	0.9246+0.1516i	-0.3033+0.1526i	-0.2068-1.3464i	0.3879-0.0896i	-0.0353+0.0281i	0.2251-0.0038i	0.5443-0.0947i
28.6	0.5617+0.0381i	0.9468+0.1390i	-0.2894+0.1925i	-0.2340-1.3595i	0.3974-0.1320i	-0.0390+0.0380i	0.2344-0.0194i	0.5462-0.1383i
28.7	0.5716+0.0335i	0.9616+0.1250i	-0.2704+0.2016i	-0.2320-1.3496i	0.4059-0.1565i	-0.0411+0.0477i	0.2435-0.0363i	0.5555-0.1716i
28.8	0.5851+0.0285i	0.9850+0.1110i	-0.2513+0.2058i	-0.2382-1.3822i	0.4075-0.1894i	-0.0412+0.0588i	0.2469-0.0699i	0.5413-0.2173i
28.9	0.6017+0.0108i	1.0111+0.0881i	-0.2392+0.2211i	-0.2678-1.3981i	0.3937-0.2431i	-0.0403+0.0768i	0.2333-0.0971i	0.5014-0.2717i
29.0	0.6005+0.0059i	1.0134+0.0701i	-0.1994+0.2157i	-0.2775-1.4032i	0.3872-0.2791i	-0.0335+0.0876i	0.2187-0.1219i	0.4942-0.2975i
29.1	0.6055-0.0052i	1.0269+0.0454i	-0.1751+0.2065i	-0.2894-1.4299i	0.3779-0.3015i	-0.0224+0.1032i	0.2156-0.1297i	0.4770-0.3010i
29.2	0.6143-0.0128i	1.0457+0.0345i	-0.1631+0.2044i	-0.3213-1.4941i	0.3700-0.3358i	-0.0133+0.1148i	0.2147-0.1369i	0.4652-0.3213i
29.3	0.6231-0.0275i	1.0577+0.0112i	-0.1437+0.1861i	-0.3735-1.5473i	0.3637-0.3854i	-0.0098+0.1277i	0.2116-0.1552i	0.4448-0.3502i
29.4	0.6180-0.0542i	1.0613-0.0234i	-0.1455+0.1930i	-0.4029-1.6241i	0.3322-0.4687i	-0.0054+0.1413i	0.1932-0.1946i	0.4208-0.3886i
29.5	0.6091-0.0688i	1.0670-0.0469i	-0.1372+0.1950i	-0.4973-1.6866i	0.2721-0.4954i	0.0159+0.1519i	0.1857-0.2013i	0.4018-0.4034i
29.6	0.6001-0.0749i	1.0692-0.0747i	-0.1196+0.1880i	-0.5880-1.7290i	0.2360-0.5216i	0.0361+0.1587i	0.2034-0.2352i	0.3956-0.4381i
29.7	0.5932-0.0747i	1.0681-0.0884i	-0.1107+0.1850i	-0.6563-1.7522i	0.2093-0.5373i	0.0450+0.1607i	0.1988-0.2696i	0.3923-0.4698i
29.8	0.5990-0.0642i	1.0779-0.1017i	-0.1121+0.1694i	-0.7473-1.7402i	0.1683-0.5682i	0.0545+0.1663i	0.1736-0.3308i	0.3561-0.5245i
29.9	0.6080-0.0746i	1.0892-0.1357i	-0.1175+0.1573i	-0.8678-1.7134i	0.1431-0.6008i	0.0603+0.1759i	0.1463-0.3951i	0.3178-0.5747i
30.0	0.6112-0.0751i	1.0820-0.1549i	-0.1264+0.1622i	-0.9071-1.7628i	0.0847-0.6285i	0.0667+0.1863i	0.0842-0.4329i	0.2453-0.6140i
30.1	0.6167-0.0801i	1.0739-0.1711i	-0.1211+0.1699i	-0.9883-1.7982i	-0.0096-0.6491i	0.0783+0.1966i	-0.0196-0.4479i	0.1471-0.6162i
30.2	0.6240-0.0947i	1.0592-0.1798i	-0.1184+0.1548i	-1.0935-1.8283i	-0.1047-0.6355i	0.0984+0.2171i	-0.1227-0.4285i	0.0580-0.5897i
30.3	0.6388-0.1143i	1.0565-0.1870i	-0.1144+0.1412i	-1.2190-1.8090i	-0.1641-0.5953i	0.1164+0.2258i	-0.1826-0.3794i	-0.0078-0.5510i
30.4	0.6462-0.1449i	1.0614-0.2026i	-0.1334+0.1289i	-1.3171-1.7589i	-0.1971-0.5688i	0.1370+0.2284i	-0.1968-0.3300i	-0.0391-0.4970i
30.5	0.6117-0.1891i	1.0572-0.2330i	-0.1669+0.1448i	-1.4211-1.6304i	-0.2619-0.5361i	0.1689+0.2393i	-0.2188-0.2708i	-0.0381-0.4159i
30.6	0.5888-0.2039i	1.0488-0.2571i	-0.1676+0.1611i	-1.4853-1.5572i	-0.3121-0.4831i	0.2041+0.2504i	-0.2343-0.2301i	-0.0355-0.3823i
30.7	0.5601-0.2086i	1.0404-0.2825i	-0.1333+0.1598i	-1.5774-1.4538i	-0.3482-0.4316i	0.2363+0.2555i	-0.2378-0.1834i	-0.0396-0.3388i
30.8	0.5249-0.1938i	1.0223-0.2826i	-0.1035+0.1503i	-1.6305-1.3615i	-0.3677-0.3667i	0.2742+0.2345i	-0.2288-0.1539i	-0.0316-0.3080i

30.9	0.5350−0.1837i	1.0319−0.2827i	−0.0899+0.1173i	−1.7091−1.2647i	−0.3720−0.3041i	0.3008+0.2258i	−0.2098−0.1258i	−0.0414−0.2620i
31.0	0.5127−0.1876i	1.0174−0.2947i	−0.0920+0.1082i	−1.7327−1.1703i	−0.3595−0.2357i	0.3386+0.2136i	−0.1821−0.1046i	0.0049−0.2076i
31.1	0.4926−0.1751i	0.9872−0.2957i	−0.1175+0.0742i	−1.6793−1.0806i	−0.3187−0.1959i	0.3611+0.1766i	−0.1414−0.1158i	0.0686−0.2301i
31.2	0.4928−0.1546i	0.9715−0.2871i	−0.1402+0.0362i	−1.6457−1.0263i	−0.2876−0.1838i	0.3650+0.1480i	−0.1397−0.1438i	0.0474−0.2789i
31.3	0.4935−0.1488i	0.9621−0.2779i	−0.1867+0.0586i	−1.6456−0.9742i	−0.2841−0.1834i	0.3726+0.1302i	−0.1652−0.1612i	0.0127−0.2546i
31.4	0.5038−0.1431i	0.9588−0.2709i	−0.2262+0.0573i	−1.6483−0.9196i	−0.2750−0.1682i	0.3888+0.1088i	−0.1826−0.1565i	0.0255−0.2152i
31.5	0.5228−0.1439i	0.9626−0.2612i	−0.2700+0.0598i	−1.6217−0.8694i	−0.2844−0.1376i	0.4019+0.0936i	−0.1990−0.1440i	0.0398−0.1860i
31.6	0.5226−0.1494i	0.9749−0.2477i	−0.2764+0.1084i	−1.6322−0.8485i	−0.2835−0.1170i	0.4104+0.0716i	−0.1957−0.1398i	0.0669−0.1662i
31.7	0.5358−0.1534i	0.9996−0.2395i	−0.2799+0.0875i	−1.6794−0.8009i	−0.2590−0.0940i	0.4253+0.0440i	−0.2248−0.1211i	0.1148−0.1422i
31.8	0.5381−0.1573i	1.0038−0.2363i	−0.3163+0.1036i	−1.6703−0.7820i	−0.2473−0.0805i	0.4252+0.0244i	−0.2354−0.0997i	0.1444−0.1427i
31.9	0.5435−0.1864i	1.0192−0.2427i	−0.3610+0.1178i	−1.6645−0.6848i	−0.2344−0.0709i	0.4235−0.0041i	−0.2409−0.0636i	0.1775−0.1672i
32.0	0.5306−0.2088i	1.0162−0.2434i	−0.4060+0.1423i	−1.6223−0.6425i	−0.2098−0.0738i	0.4193−0.0309i	−0.2437−0.0283i	0.2135−0.1958i
32.1	0.5295−0.2259i	1.0239−0.2358i	−0.4216+0.1998i	−1.5696−0.6012i	−0.1957−0.0757i	0.4089−0.0495i	−0.2252−0.0071i	0.2376−0.2104i
32.2	0.5222−0.2281i	1.0402−0.2399i	−0.3792+0.2742i	−1.5433−0.5657i	−0.1759−0.0804i	0.4023−0.0558i	−0.2022+0.0091i	0.2628−0.2359i
32.3	0.5070−0.2478i	1.0689−0.2277i	−0.3789+0.3490i	−1.5535−0.6147i	−0.1575−0.0879i	0.3979−0.0675i	−0.1863+0.0140i	0.2882−0.2681i
32.4	0.4961−0.2850i	1.0938−0.2129i	−0.4633+0.3945i	−1.5487−0.6315i	−0.1551−0.1066i	0.3937−0.0820i	−0.1552+0.0010i	0.2999−0.2921i
32.5	0.4798−0.3042i	1.1250−0.2035i	−0.5189+0.4494i	−1.5733−0.6232i	−0.1864−0.1351i	0.3830−0.0833i	−0.1414−0.0236i	0.2922−0.3169i
32.6	0.4581−0.3281i	1.1640−0.2093i	−0.4862+0.5016i	−1.6090−0.5915i	−0.1987−0.1576i	0.3822−0.0867i	−0.1459−0.0302i	0.2940−0.3605i
32.7	0.4162−0.3274i	1.1978−0.2197i	−0.4014+0.5698i	−1.6225−0.5423i	−0.2146−0.1487i	0.3806−0.0978i	−0.1669−0.0286i	0.2765−0.4003i
32.8	0.3676−0.3182i	1.2301−0.2370i	−0.2923+0.7113i	−1.6095−0.4512i	−0.2463−0.1414i	0.3743−0.1170i	−0.1817−0.0252i	0.2569−0.4536i
32.9	0.3248−0.3274i	1.2682−0.2547i	−0.2079+0.8339i	−1.5956−0.3774i	−0.2786−0.1414i	0.3694−0.1081i	−0.2008−0.0104i	0.2359−0.4586i
33.0	0.2685−0.3225i	1.3094−0.2741i	−0.0629+0.8443i	−1.5668−0.3570i	−0.3125−0.0921i	0.3679−0.0995i	−0.2065+0.0317i	0.1918−0.4594i
33.1	0.2440−0.2911i	1.3448−0.2906i	0.0883+0.7737i	−1.5068−0.3506i	−0.3222−0.0435i	0.3683−0.0961i	−0.1927+0.0561i	0.1627−0.4586i
33.2	0.2071−0.2459i	1.4088−0.3143i	0.1755+0.6843i	−1.4868−0.3719i	−0.3087−0.0094i	0.3788−0.0847i	−0.1618+0.0948i	0.1602−0.4233i
33.3	0.1683−0.1970i	1.4526−0.3483i	0.2477+0.5299i	−1.4710−0.4491i	−0.2867+0.0289i	0.4050−0.0683i	−0.1135+0.1087i	0.1700−0.3830i
33.4	0.1661−0.1472i	1.4979−0.3901i	0.2280+0.4513i	−1.4874−0.4749i	−0.2548+0.0443i	0.4261−0.0617i	−0.0700+0.1145i	0.1828−0.3603i
33.5	0.1951−0.0998i	1.5376−0.4712i	0.1816+0.4232i	−1.5415−0.5003i	−0.2323+0.0480i	0.4676−0.0745i	−0.0372+0.0949i	0.2549−0.3665i
33.6	0.2156−0.0616i	1.5458−0.5635i	0.1448+0.3820i	−1.5839−0.4710i	−0.2106+0.0432i	0.4989−0.1037i	−0.0144+0.0625i	0.3073−0.4031i
33.7	0.2286−0.0413i	1.5367−0.6308i	0.1198+0.3189i	−1.6105−0.4384i	−0.1997+0.0443i	0.5226−0.1323i	0.0091+0.0515i	0.3280−0.4416i
33.8	0.2481−0.0193i	1.5451−0.6824i	0.1257+0.3004i	−1.6465−0.3978i	−0.1809+0.0326i	0.5493−0.1615i	0.0521+0.0313i	0.3503−0.4739i
33.9	0.2903+0.0009i	1.5316−0.7220i	0.0792+0.2724i	−1.6768−0.3869i	−0.1761−0.0125i	0.5611−0.2135i	0.0675−0.0254i	0.3604−0.5361i
34.0	0.3264−0.0065i	1.5175−0.7498i	0.0402+0.3021i	−1.7187−0.4106i	−0.2143−0.0370i	0.5679−0.2587i	0.0654−0.0681i	0.3779−0.5967i
34.1	0.3438−0.0271i	1.5149−0.7797i	0.0281+0.3116i	−1.7769−0.3730i	−0.2506−0.0408i	0.5661−0.2925i	0.0552−0.1054i	0.3843−0.6390i
34.2	0.3439−0.0579i	1.5184−0.8096i	0.0070+0.3471i	−1.8328−0.3374i	−0.2872−0.0267i	0.5522−0.3314i	0.0363−0.1449i	0.3721−0.7038i
34.3	0.3211−0.0554i	1.5130−0.8442i	0.0053+0.3667i	−1.8649−0.2435i	−0.3247+0.0021i	0.5293−0.3652i	0.0015−0.1531i	0.3519−0.7788i
34.4	0.2945−0.0431i	1.5192−0.8698i	−0.0088+0.3823i	−1.8854−0.1727i	−0.3560+0.0302i	0.5163−0.3909i	−0.0233−0.1554i	0.3283−0.8329i
34.5	0.2977−0.0384i	1.5401−0.9240i	−0.0070+0.4036i	−1.9238−0.0035i	−0.3843+0.0656i	0.5050−0.4004i	−0.0205−0.1593i	0.2960−0.8482i
34.6	0.2937−0.0123i	1.5412−0.9855i	0.0390+0.4179i	−1.8796+0.1139i	−0.3871+0.1001i	0.5016−0.4187i	−0.0314−0.1689i	0.2663−0.8869i
34.7	0.3073+0.0269i	1.5374−1.0157i	0.0544+0.4283i	−1.8409+0.1411i	−0.3914+0.1468i	0.4916−0.4370i	−0.0434−0.1647i	0.2387−0.9471i
34.8	0.3315+0.0306i	1.5448−1.0810i	0.0477+0.4588i	−1.7903+0.2515i	−0.4075+0.1921i	0.4883−0.4467i	−0.0342−0.1671i	0.2214−0.9700i
34.9	0.3754+0.0341i	1.5448−1.1197i	0.0526+0.4684i	−1.7383+0.3048i	−0.3984+0.2315i	0.4766−0.4592i	−0.0242−0.1651i	0.1743−0.9909i
35.0	0.4190+0.0162i	1.5619−1.1780i	0.0846+0.4853i	−1.7525+0.3539i	−0.3870+0.2724i	0.4825−0.4731i	−0.0113−0.1884i	0.1537−1.0024i
35.1	0.4520−0.0021i	1.5783−1.2040i	0.1083+0.5022i	−1.7474+0.3683i	−0.3772+0.3092i	0.4865−0.4846i	−0.0025−0.2046i	0.1383−1.0097i
35.2	0.4964−0.0425i	1.6061−1.2611i	0.1311+0.5139i	−1.7213+0.3868i	−0.3683+0.3717i	0.4961−0.5179i	0.0158−0.2332i	0.1290−1.0776i
35.3	0.4995−0.0877i	1.6039−1.3315i	0.1421+0.5169i	−1.6933+0.4658i	−0.3310+0.4324i	0.4969−0.5518i	0.0194−0.2766i	0.0969−1.1298i
35.4	0.4694−0.1343i	1.5784−1.4341i	0.1860+0.5188i	−1.6540+0.5800i	−0.2884+0.4861i	0.4909−0.5855i	0.0046−0.3235i	0.0677−1.1938i
35.5	0.4489−0.1830i	1.5665−1.5385i	0.2064+0.5135i	−1.5939+0.6971i	−0.2578+0.5496i	0.5015−0.6300i	0.0026−0.3777i	0.0620−1.2819i
35.6	0.4340−0.2268i	1.5538−1.6036i	0.2423+0.5299i	−1.5768+0.7284i	−0.2036+0.5973i	0.4807−0.6844i	−0.0127−0.4366i	−0.0055−1.3845i
35.7	0.3927−0.2665i	1.5178−1.7094i	0.2765+0.5179i	−1.4743+0.8474i	−0.1281+0.6362i	0.4569−0.7426i	−0.0478−0.5154i	−0.0774−1.4688i
35.8	0.3169−0.2791i	1.4199−1.7756i	0.3271+0.5113i	−1.2078+0.8736i	−0.0313+0.6676i	0.4102−0.8055i	−0.1341−0.5827i	−0.2195−1.5786i
35.9	0.2479−0.2847i	1.3509−1.8576i	0.3719+0.4950i	−1.0198+0.9074i	0.0458+0.6924i	0.3534−0.8582i	−0.2304−0.6462i	−0.3344−1.6687i
36.0	0.1961−0.2628i	1.2884−1.9126i	0.4052+0.4544i	−0.9145+0.8304i	0.1485+0.7098i	0.2616−0.8913i	−0.3639−0.6731i	−0.5308−1.7468i
36.1	0.1514−0.2313i	1.2017−1.9431i	0.4039+0.4389i	−0.7892+0.7686i	0.2483+0.7156i	0.1964−0.8963i	−0.4638−0.6653i	−0.7372−1.7751i
36.2	0.1208−0.1879i	1.1301−1.9548i	0.4088+0.3962i	−0.6833+0.6531i	0.3506+0.6871i	0.1361−0.8931i	−0.5637−0.6275i	−0.9415−1.7503i
36.3	0.0770−0.1570i	1.0713−2.0174i	0.4358+0.3517i	−0.5552+0.6210i	0.4575+0.6478i	0.0757−0.8788i	−0.6631−0.5747i	−1.1659−1.7034i
36.4	0.0577−0.0907i	1.0191−2.0241i	0.4401+0.3086i	−0.5193+0.4743i	0.5821+0.5444i	0.0062−0.8427i	−0.7555−0.4774i	−1.4265−1.5426i
36.5	0.0483−0.0760i	0.9731−2.0386i	0.4619+0.3325i	−0.4958+0.3866i	0.6376+0.4441i	−0.0341−0.8034i	−0.8049−0.3998i	−1.5491−1.3714i
36.6	0.0283−0.0764i	0.9268−2.1078i	0.5009+0.3288i	−0.5299+0.3491i	0.6665+0.3411i	−0.0574−0.7553i	−0.8278−0.3186i	−1.6414−1.1754i
36.7	0.0148−0.0307i	0.8947−2.1241i	0.5196+0.2930i	−0.5677+0.2495i	0.6910+0.2367i	−0.0652−0.7126i	−0.8341−0.2437i	−1.7068−0.9901i
36.8	−0.0035+0.0148i	0.8554−2.1519i	0.5570+0.2609i	−0.5910+0.1523i	0.6987+0.1542i	−0.0750−0.6870i	−0.8509−0.1899i	−1.7675−0.8475i
36.9	−0.0229+0.0264i	0.7963−2.2344i	0.6267+0.2442i	−0.6103+0.2127i	0.6904+0.0560i	−0.0666−0.6133i	−0.8626−0.1072i	−1.7839−0.6305i
37.0	−0.0562+0.0735i	0.7241−2.2438i	0.6531+0.1675i	−0.5434+0.1917i	0.6743−0.0475i	−0.0084−0.6097i	−0.8343−0.0631i	−1.7465−0.4600i
37.1	−0.0420+0.1401i	0.7206−2.2583i	0.6247+0.0736i	−0.6002+0.1337i	0.6360−0.1301i	0.0018−0.6473i	−0.8328−0.0632i	−1.7283−0.3619i

37.2	−0.0312+0.1794i	0.7134−2.3275i	0.6480+0.0090i	−0.6685+0.1049i	0.5901−0.1973i	−0.0249−0.6649i	−0.8705−0.0377i	−1.7352−0.2536i
37.3	0.0028+0.2117i	0.6746−2.4448i	0.6370−0.0450i	−0.7435+0.1763i	0.4852−0.2641i	−0.0265−0.6526i	−0.9035+0.0364i	−1.6465−0.0687i
37.4	0.0012+0.2351i	0.5446−2.5233i	0.6366−0.1104i	−0.6722+0.2043i	0.3975−0.2901i	−0.0158−0.6463i	−0.9244+0.0993i	−1.5552+0.0657i
37.5	−0.0366+0.2753i	0.3634−2.6172i	0.6550−0.2161i	−0.5099+0.2108i	0.3431−0.2902i	−0.0027−0.6521i	−0.9457+0.1720i	−1.4967+0.1389i
37.6	−0.0381+0.3258i	0.1929−2.6629i	0.5974−0.3114i	−0.3564+0.1220i	0.2738−0.2617i	0.0092−0.6812i	−0.9305+0.2780i	−1.3594+0.2046i
37.7	−0.0347+0.3820i	0.0803−2.7191i	0.5578−0.3987i	−0.3485+0.0542i	0.2556−0.2451i	0.0060−0.7092i	−0.8908+0.3687i	−1.2853+0.2602i
37.8	−0.0239+0.4735i	−0.0949−2.7372i	0.4943−0.5927i	−0.4013−0.0211i	0.2459−0.2503i	−0.0154−0.7364i	−0.7843+0.4365i	−1.1582+0.2953i
37.9	0.0206+0.5278i	−0.2604−2.6768i	0.3726−0.6648i	−0.3838−0.1364i	0.2038−0.2536i	−0.0328−0.7708i	−0.7131+0.4418i	−1.0419+0.2777i
38.0	0.0873+0.5835i	−0.4733−2.5870i	0.1605−0.7181i	−0.3328−0.1384i	0.1544−0.2366i	−0.1168−0.8032i	−0.6652+0.4000i	−1.0078+0.1661i
38.1	0.1496+0.6498i	−0.6381−2.4702i	−0.0628−0.7733i	−0.2653−0.1821i	0.1234−0.2167i	−0.1968−0.7683i	−0.6869+0.3758i	−1.0583+0.1242i
38.2	0.1945+0.6791i	−0.7255−2.3728i	−0.2184−0.7699i	−0.2212−0.2764i	0.1177−0.1831i	−0.2157−0.7163i	−0.7232+0.3970i	−1.1095+0.1318i
38.3	0.2531+0.7059i	−0.7498−2.2818i	−0.3609−0.7126i	−0.2439−0.3667i	0.1411−0.1658i	−0.1969−0.6940i	−0.7331+0.4759i	−1.1692+0.2026i
38.4	0.3382+0.7600i	−0.8068−2.1513i	−0.5644−0.6381i	−0.1946−0.5811i	0.1570−0.1553i	−0.1452−0.6921i	−0.7242+0.5644i	−1.1595+0.3082i
38.5	0.4512+0.7959i	−0.8605−2.0888i	−0.8150−0.4936i	−0.3029−0.7619i	0.1562−0.1615i	−0.1433−0.7196i	−0.6506+0.6828i	−1.0944+0.4460i
38.6	0.5407+0.7836i	−0.9348−2.0362i	−0.9606−0.2960i	−0.3534−0.8620i	0.1566−0.1795i	−0.1691−0.7456i	−0.5777+0.7258i	−1.0356+0.5200i
38.7	0.6363+0.7383i	−0.9734−1.9783i	−1.0361−0.0513i	−0.4870−0.9093i	0.1530−0.1889i	−0.2076−0.7616i	−0.4931+0.7368i	−0.9659+0.5497i
38.8	0.7520+0.6628i	−0.9775−1.9121i	−1.0738+0.2140i	−0.7363−0.9252i	0.1594−0.1977i	−0.2425−0.7526i	−0.3873+0.7410i	−0.8692+0.5763i
38.9	0.7758+0.6032i	−1.0420−1.8162i	−0.9025+0.4327i	−0.7995−1.0144i	0.1554−0.2117i	−0.2843−0.7403i	−0.3105+0.7213i	−0.8074+0.5885i
39.0	0.7793+0.5463i	−1.1561−1.7148i	−0.7449+0.6344i	−0.8106−1.0790i	0.1417−0.2176i	−0.2860−0.7225i	−0.2386+0.6918i	−0.7272+0.5872i
39.1	0.7579+0.5014i	−1.2189−1.5993i	−0.5674+0.7508i	−0.7395−1.0879i	0.1246−0.2265i	−0.2790−0.7190i	−0.2068+0.6471i	−0.6538+0.5679i
39.2	0.7666+0.4639i	−1.2436−1.4995i	−0.4328+0.7707i	−0.7836−1.1123i	0.1075−0.2291i	−0.2943−0.7363i	−0.1881+0.5869i	−0.6169+0.5337i
39.3	0.7967+0.4785i	−1.2582−1.3518i	−0.3300+0.7015i	−0.8936−1.3129i	0.0722−0.2368i	−0.3236−0.7500i	−0.1546+0.5472i	−0.5712+0.5214i
39.4	0.7818+0.4671i	−1.2767−1.2594i	−0.1997+0.6958i	−0.9311−1.3979i	0.0464−0.2322i	−0.3503−0.7520i	−0.1598+0.5303i	−0.5133+0.5252i
39.5	0.8261+0.4240i	−1.2581−1.1717i	−0.1594+0.6938i	−1.1186−1.3968i	0.0259−0.2124i	−0.3804−0.7327i	−0.1488+0.5001i	−0.4625+0.5023i
39.6	0.8295+0.4156i	−1.2547−1.0559i	−0.1479+0.5945i	−1.2040−1.5055i	0.0230−0.2052i	−0.4022−0.7180i	−0.1577+0.4956i	−0.4449+0.4971i
39.7	0.8430+0.4409i	−1.1997−0.9308i	−0.2259+0.5168i	−1.4140−1.5753i	0.0113−0.1978i	−0.4186−0.7105i	−0.1339+0.4816i	−0.3964+0.4571i
39.8	0.9243+0.4171i	−1.1427−0.8712i	−0.3911+0.5863i	−1.6191−1.4789i	−0.0042−0.1844i	−0.4324−0.7025i	−0.1283+0.4385i	−0.3857+0.4184i
39.9	0.9330+0.3533i	−1.0990−0.8160i	−0.3376+0.6930i	−1.6718−1.4720i	0.0024−0.1716i	−0.4397−0.6867i	−0.1524+0.4288i	−0.3875+0.3941i
40.0	0.9340+0.3006i	−1.0871−0.7285i	−0.3280+0.7901i	−1.7048−1.4979i	−0.0001−0.1538i	−0.4559−0.6766i	−0.1665+0.4326i	−0.3722+0.3736i
40.1	0.9537+0.2560i	−1.0122−0.6861i	−0.3421+0.8047i	−1.9450−1.4583i	0.0023−0.1462i	−0.4688−0.6625i	−0.1563+0.4418i	−0.3760+0.3615i
40.2	0.9442+0.2490i	−0.9744−0.6242i	−0.2271+0.8043i	−2.0821−1.4905i	0.0124−0.1517i	−0.4756−0.6529i	−0.1498+0.4556i	−0.3687+0.3483i
40.3	0.8949+0.2207i	−0.9174−0.6417i	−0.1547+0.8309i	−2.2038−1.3668i	0.0102−0.1529i	−0.4717−0.6456i	−0.1393+0.4590i	−0.3660+0.3408i
40.4	0.9062+0.2616i	−0.8668−0.5842i	−0.1990+0.8937i	−2.3115−1.3682i	0.0046−0.1465i	−0.4783−0.6444i	−0.1072+0.4803i	−0.3397+0.3443i
40.5	0.9592+0.2854i	−0.8473−0.5053i	−0.2750+0.9065i	−2.4814−1.3929i	−0.0019−0.1613i	−0.5027−0.6392i	−0.0514+0.4838i	−0.3130+0.3458i
40.6	0.9938+0.2627i	−0.7892−0.4699i	−0.2244+1.0008i	−2.6770−1.3101i	−0.0170−0.1582i	−0.5334−0.6226i	−0.0100+0.4458i	−0.2920+0.3155i
40.7	1.0406+0.2443i	−0.7191−0.4513i	−0.1788+1.1744i	−2.8278−1.1823i	−0.0249−0.1331i	−0.5338−0.6203i	0.0099+0.4036i	−0.2828+0.2819i
40.8	1.0858+0.2188i	−0.6906−0.4385i	−0.1518+1.2090i	−2.8925−1.0776i	−0.0278−0.1292i	−0.5346−0.6117i	0.0104+0.3750i	−0.2867+0.2724i
40.9	1.1527+0.1612i	−0.6712−0.4278i	−0.0091+1.2340i	−2.9543−0.9619i	−0.0246−0.1188i	−0.5343−0.6104i	0.0160+0.3351i	−0.2791+0.2541i
41.0	1.2060+0.0733i	−0.6096−0.3927i	0.1245+1.3040i	−3.0691−0.8973i	−0.0205−0.1164i	−0.5363−0.6208i	0.0183+0.3067i	−0.2810+0.2374i
41.1	1.1719−0.0431i	−0.5766−0.3926i	0.1742+1.3267i	−3.1076−0.8410i	−0.0306−0.1112i	−0.5485−0.6199i	0.0193+0.2830i	−0.2719+0.2263i
41.2	1.0688−0.0919i	−0.5207−0.4001i	0.4309+1.4036i	−3.2252−0.6212i	−0.0372−0.0857i	−0.5714−0.6392i	−0.0023+0.2356i	−0.2784+0.1985i
41.3	1.0766−0.0430i	−0.5024−0.3857i	0.4891+1.3674i	−3.2557−0.4679i	−0.0323−0.0715i	−0.5813−0.6323i	−0.0064+0.2033i	−0.2700+0.1824i
41.4	1.2193−0.1367i	−0.4169−0.3927i	0.5111+1.3973i	−3.4531−0.3934i	−0.0280−0.0654i	−0.5759−0.6337i	−0.0089+0.1595i	−0.2656+0.1549i
41.5	1.1529−0.2885i	−0.3829−0.4211i	0.6462+1.3595i	−3.5487−0.1026i	−0.0255−0.0532i	−0.5933−0.6469i	−0.0417+0.1198i	−0.2872+0.1341i
41.6	1.0585−0.3208i	−0.3893−0.4225i	0.6914+1.2169i	−3.3557+0.1055i	−0.0201−0.0471i	−0.6247−0.6515i	−0.0871+0.1048i	−0.2914+0.1418i
41.7	0.9794−0.4060i	−0.3370−0.4516i	0.7295+1.1872i	−3.3995+0.2656i	−0.0144−0.0419i	−0.6390−0.6728i	−0.1248+0.0777i	−0.3074+0.1307i
41.8	0.9042−0.3790i	−0.3430−0.4346i	0.7675+1.1293i	−3.2535+0.2264i	0.0053−0.0427i	−0.6468−0.6782i	−0.1649+0.0707i	−0.3045+0.1132i
41.9	0.9112−0.4386i	−0.3172−0.4553i	0.7356+1.2226i	−3.2400+0.1924i	0.0164−0.0449i	−0.6654−0.7049i	−0.1915+0.0644i	−0.3076+0.0942i
42.0	0.8304−0.4405i	−0.2982−0.4856i	0.8124+1.2761i	−3.3110+0.4108i	0.0159−0.0371i	−0.7186−0.7564i	−0.2372+0.0365i	−0.3180+0.0706i
42.1	0.8238−0.4707i	−0.2938−0.4693i	0.8465+1.3607i	−3.2818+0.4581i	0.0215−0.0375i	−0.7812−0.7772i	−0.2898+0.0272i	−0.3427+0.0449i
42.2	0.7096−0.5414i	−0.2946−0.4566i	1.0176+1.4490i	−3.2022+0.4372i	0.0252−0.0426i	−0.8464−0.7634i	−0.3470+0.0343i	−0.3797+0.0345i
42.3	0.5696−0.5377i	−0.2792−0.4607i	1.2448+1.3872i	−3.2897+0.4832i	0.0169−0.0321i	−0.9371−0.7845i	−0.4099+0.0110i	−0.4204+0.0031i
42.4	0.4730−0.5147i	−0.2644−0.4887i	1.4516+1.3196i	−3.4291+0.7622i	0.0185−0.0024i	−1.0286−0.7599i	−0.4915−0.0064i	−0.4662−0.0035i
42.5	0.4072−0.4318i	−0.2679−0.4876i	1.5553+1.1754i	−3.3166+0.9168i	0.0440+0.0124i	−1.1053−0.6930i	−0.6020+0.0562i	−0.4977+0.0333i
42.6	0.3562−0.3449i	−0.2916−0.4963i	1.6913+0.9732i	−3.2034+1.0767i	0.0843+0.0200i	−1.1938−0.6652i	−0.7025+0.1223i	−0.5374+0.0446i
42.7	0.3245−0.2901i	−0.3227−0.5029i	1.6663+0.7814i	−2.8669+1.2903i	0.1265+0.0142i	−1.2668−0.6021i	−0.7994+0.1988i	−0.5750+0.0614i
42.8	0.3208−0.2415i	−0.2606−0.4027i	1.5681+0.7872i	−2.7399+0.8307i	0.1293−0.0277i	−1.3008−0.4735i	−0.7941+0.3821i	−0.5772+0.1057i
42.9	0.3215−0.1764i	−0.2103−0.4099i	1.6573+0.7862i	−3.1255+0.7320i	0.1227−0.0226i	−1.3055−0.4010i	−0.7440+0.4319i	−0.6111+0.1059i
43.0	0.3062−0.1582i	−0.2365−0.4338i	1.7627+0.6681i	−3.1283+0.9891i	0.1569−0.0213i	−1.3446−0.3451i	−0.7945+0.4865i	−0.6555+0.1252i
43.1	0.2179−0.1501i	−0.2516−0.4313i	1.8415+0.5736i	−2.9734+1.1585i	0.1871−0.0393i	−1.3908−0.2629i	−0.8381+0.5994i	−0.6943+0.1764i
43.2	0.0210+0.0055i	−0.2598−0.4021i	1.9829+0.3435i	−2.8054+1.1633i	0.2049−0.0763i	−1.4126−0.1729i	−0.8317+0.7569i	−0.7125+0.2464i
43.3	0.2401+0.3380i	−0.2185−0.3550i	1.7046+0.0450i	−2.6969+1.0781i	0.2267−0.1219i	−1.3883−0.0423i	−0.7532+0.9176i	−0.6979+0.3229i
43.4	0.5643+0.3186i	−0.1705−0.2982i	1.4339+0.1805i	−2.6532+0.7192i	0.2293−0.1837i	−1.3452+0.0484i	−0.6329+1.0465i	−0.6747+0.3712i

43.5	0.6221+0.1155i	-0.0814-0.2941i	1.5143+0.4041i	-3.0796+0.5928i	0.1922-0.2196i	-1.2980+0.0739i	-0.4934+1.0549i	-0.6553+0.3812i
43.6	0.4456+0.0505i	-0.0523-0.3678i	1.8119+0.2687i	-3.4878+0.9229i	0.1469-0.2303i	-1.3212+0.1102i	-0.4029+1.0523i	-0.6781+0.4171i
43.7	0.3668+0.1846i	-0.0220-0.4113i	1.8516-0.0296i	-3.5920+1.3850i	0.1103-0.2261i	-1.3265+0.1929i	-0.3199+1.0664i	-0.6862+0.4648i
43.8	0.4648+0.3103i	-0.0325-0.3862i	1.6620-0.1481i	-3.3883+1.5888i	0.0946-0.2382i	-1.2822+0.3046i	-0.2231+1.1020i	-0.6537+0.5422i
43.9	0.6424+0.3261i	-0.0165-0.3732i	1.4131-0.0891i	-3.1423+1.6375i	0.0755-0.2427i	-1.2039+0.4029i	-0.0898+1.0997i	-0.5814+0.6162i
44.0	0.7342+0.2360i	0.0275-0.3534i	1.4045+0.0907i	-3.1026+1.4819i	0.0471-0.2408i	-1.1120+0.4421i	0.0216+1.0196i	-0.5093+0.6335i
44.1	0.8765+0.1585i	0.1199-0.3447i	1.4682+0.1841i	-3.3798+1.1633i	0.0022-0.2410i	-1.0116+0.4693i	0.1463+0.8805i	-0.4344+0.6388i
44.2	0.8084+0.0003i	0.1289-0.4088i	1.5845+0.2309i	-3.5727+1.5010i	-0.0069-0.2024i	-0.9558+0.4584i	0.0636+0.7809i	-0.4094+0.6285i
44.3	0.6092-0.0356i	0.1202-0.4460i	1.8660+0.1488i	-3.4403+1.8396i	0.0050-0.1866i	-0.9054+0.4486i	-0.0068+0.8010i	-0.3735+0.6310i
44.4	0.4278+0.0833i	0.1518-0.4364i	2.2271-0.1631i	-3.4900+1.8658i	-0.0133-0.1746i	-0.8383+0.4466i	0.0047+0.7986i	-0.3106+0.6289i
44.5	0.4792+0.2161i	0.1721-0.4631i	2.0848-0.4741i	-3.5665+2.0840i	-0.0208-0.1563i	-0.7970+0.4196i	0.0212+0.7805i	-0.2779+0.6066i
44.6	0.5731+0.3075i	0.1658-0.5227i	1.8333-0.6540i	-3.2874+2.4024i	-0.0027-0.1383i	-0.7889+0.3904i	0.0498+0.8129i	-0.2488+0.5885i
44.7	0.7165+0.3283i	0.1926-0.5301i	1.6286-0.7079i	-3.2241+2.5221i	0.0006-0.1270i	-0.7826+0.3639i	0.1214+0.7641i	-0.2248+0.5510i
44.8	0.8669+0.4098i	0.1939-0.5368i	1.2747-0.8695i	-2.9490+2.6428i	0.0404-0.1188i	-0.7792+0.3664i	0.1422+0.7456i	-0.2145+0.5383i
44.9	1.0056+0.1568i	0.2511-0.5243i	1.1977-0.2928i	-2.8610+2.2870i	0.0590-0.1525i	-0.7835+0.3864i	0.1657+0.6807i	-0.2038+0.5090i
45.0	0.8674+0.0457i	0.2757-0.5879i	1.5734-0.2936i	-3.1758+2.4121i	0.0468-0.1567i	-0.7539+0.4250i	0.1099+0.6016i	-0.2006+0.5020i
45.1	0.8857+0.0667i	0.2503-0.6107i	1.5348-0.4241i	-3.0781+2.5999i	0.0457-0.1713i	-0.7145+0.4228i	0.0706+0.5707i	-0.1889+0.5020i
45.2	0.8589+0.0196i	0.2870-0.6504i	1.6211-0.4596i	-3.0705+2.7733i	0.0361-0.1635i	-0.6933+0.4005i	0.0149+0.5636i	-0.1860+0.4775i
45.3	0.8029+0.0515i	0.2888-0.6965i	1.6140-0.6267i	-3.0187+3.0771i	0.0324-0.1529i	-0.6666+0.3821i	-0.0433+0.5730i	-0.1865+0.4589i
45.4	0.8495+0.0986i	0.2378-0.6965i	1.4209-0.6838i	-2.7027+3.2459i	0.0581-0.1677i	-0.6772+0.3879i	-0.0520+0.6046i	-0.1913+0.4731i
45.5	0.9336+0.1125i	0.2715-0.6553i	1.4060-0.6743i	-2.5333+2.8464i	0.0614-0.2059i	-0.6441+0.4033i	-0.0349+0.5937i	-0.1856+0.4722i
45.6	1.0261-0.0007i	0.3645-0.7384i	1.3546-0.5495i	-2.7949+2.9136i	0.0376-0.2271i	-0.6519+0.3693i	-0.1081+0.5451i	-0.1901+0.4534i
45.7	0.9253-0.0876i	0.2823-0.7646i	1.5136-0.4911i	-2.3938+3.1909i	0.0126-0.2398i	-0.6929+0.4143i	-0.1983+0.6322i	-0.2035+0.4784i
45.8	0.9006-0.0957i	0.3056-0.7005i	1.7398-0.6043i	-2.4231+2.8902i	-0.0273-0.2497i	-0.6468+0.4250i	-0.2379+0.6402i	-0.1785+0.4879i
45.9	0.8943-0.1173i	0.3634-0.7344i	1.7374-0.9027i	-2.6942+3.0309i	-0.0522-0.2131i	-0.6447+0.4086i	-0.3221+0.6943i	-0.1754+0.4752i
46.0	0.8600-0.1402i	0.3688-0.8103i	1.6219-1.0356i	-2.6251+3.2559i	-0.0546-0.1811i	-0.6451+0.4228i	-0.3664+0.8146i	-0.1903+0.4626i
46.1	0.7891-0.1588i	0.3244-0.8856i	1.5746-1.1443i	-2.4053+3.5954i	-0.0237-0.1572i	-0.6206+0.4212i	-0.3716+0.9582i	-0.1965+0.4738i
46.2	0.7851-0.1048i	0.2896-0.8771i	1.3893-1.2064i	-1.9637+3.7342i	-0.0040-0.1717i	-0.6266+0.4355i	-0.3114+1.0944i	-0.1812+0.4944i
46.3	0.8451-0.1240i	0.3025-0.8217i	1.4122-1.0418i	-1.8133+3.4666i	-0.0615-0.1966i	-0.6110+0.4769i	-0.2428+1.1744i	-0.1397+0.5059i
46.4	0.8144-0.1627i	0.3214-0.7961i	1.6143-1.1467i	-1.8769+3.2796i	-0.0890-0.1817i	-0.6121+0.5085i	-0.2132+1.2780i	-0.1304+0.5018i
46.5	0.7606-0.1859i	0.3425-0.8053i	1.6413-1.2940i	-1.8301+3.2952i	-0.0952-0.1554i	-0.5682+0.5764i	-0.1138+1.3922i	-0.1249+0.5095i
46.6	0.7290-0.1474i	0.3582-0.8373i	1.5417-1.4508i	-1.6784+3.2796i	-0.0803-0.1405i	-0.4963+0.5855i	0.0238+1.4394i	-0.1067+0.5251i
46.7	0.7491-0.1321i	0.4475-0.8901i	1.4811-1.5462i	-1.7674+3.3170i	-0.0828-0.1126i	-0.4342+0.5642i	0.1353+1.4743i	-0.0959+0.5182i
46.8	0.7497-0.1642i	0.4872-0.9800i	1.3519-1.6258i	-1.7901+3.6968i	-0.0672-0.0789i	-0.3928+0.5365i	0.2315+1.5307i	-0.0908+0.5268i
46.9	0.6839-0.2257i	0.4634-1.0220i	1.3210-1.6735i	-1.6415+3.7357i	-0.0516-0.0667i	-0.3627+0.4945i	0.3583+1.5514i	-0.0636+0.5265i
47.0	0.6167-0.1542i	0.4999-1.0689i	1.2462-1.8546i	-1.5191+3.7843i	-0.0362-0.0527i	-0.3730+0.4685i	0.4738+1.5682i	-0.0480+0.5250i
47.1	0.6507-0.1126i	0.5299-1.1350i	1.0434-1.8748i	-1.4724+3.8807i	-0.0211-0.0283i	-0.3317+0.4852i	0.6568+1.5364i	-0.0396+0.5126i
47.2	0.6265-0.0783i	0.4494-1.1934i	0.7981-1.9502i	-1.1775+4.0197i	0.0096-0.0237i	-0.2802+0.4561i	0.8036+1.5075i	-0.0059+0.5137i
47.3	0.6808-0.0560i	0.3950-1.1479i	0.5531-1.8026i	-0.8861+3.7901i	0.0305-0.0369i	-0.2596+0.4036i	0.9337+1.4086i	0.0256+0.5012i
47.4	0.7131-0.0554i	0.4140-1.1418i	0.5122-1.6374i	-0.6746+3.5715i	0.0569-0.0608i	-0.2354+0.3469i	1.0496+1.2850i	0.0595+0.4775i
47.5	0.6946-0.0807i	0.4439-1.1267i	0.5875-1.5211i	-0.6759+3.3205i	0.0655-0.0819i	-0.2407+0.3042i	1.1055+1.1600i	0.0758+0.4475i
47.6	0.6827-0.0833i	0.5036-1.1416i	0.5774-1.5644i	-0.7082+3.1462i	0.0774-0.0986i	-0.2760+0.2586i	1.1628+1.0369i	0.0705+0.4189i
47.7	0.6038-0.1166i	0.5508-1.2258i	0.6752-1.6948i	-0.8043+3.1315i	0.0797-0.1041i	-0.2735+0.2345i	1.1994+0.9502i	0.0708+0.3992i
47.8	0.5625-0.0510i	0.5451-1.3534i	0.5308-1.8107i	-0.8346+3.2859i	0.0925-0.0950i	-0.2857+0.1800i	1.2185+0.8437i	0.0649+0.3748i
47.9	0.5706-0.0411i	0.4991-1.3910i	0.4022-1.7377i	-0.7659+3.2531i	0.1028-0.1187i	-0.3259+0.1391i	1.2043+0.7363i	0.0610+0.3747i
48.0	0.5392+0.0922i	0.4956-1.4184i	0.2813-1.8368i	-0.6933+3.2735i	0.1104-0.1454i	-0.3872+0.1317i	1.1780+0.6480i	0.0627+0.3752i
48.1	0.6696+0.1641i	0.4665-1.4356i	0.0918-1.6835i	-0.6108+3.0880i	0.0969-0.1847i	-0.4167+0.1388i	1.1671+0.5340i	0.0661+0.3522i
48.2	0.7141+0.1183i	0.4993-1.5135i	0.0782-1.6098i	-0.6797+3.1451i	0.0851-0.2044i	-0.4433+0.1265i	1.1308+0.4790i	0.0818+0.3343i
48.3	0.7036+0.0479i	0.5004-1.5154i	0.1137-1.4931i	-0.5937+3.1355i	0.0526-0.2069i	-0.4742+0.1546i	1.0459+0.4588i	0.0893+0.3458i
48.4	0.5705+0.0654i	0.5295-1.5441i	0.2011-1.5492i	-0.6159+2.9924i	0.0454-0.1654i	-0.4872+0.1313i	1.0562+0.4442i	0.0985+0.3049i
48.5	0.5247+0.1602i	0.5175-1.5768i	0.1776-1.6194i	-0.5693+2.9280i	0.0639-0.1757i	-0.5108+0.1316i	1.0264+0.3656i	0.0782+0.2862i
48.6	0.5115+0.3169i	0.5515-1.6356i	0.1122-1.7098i	-0.6885+2.9282i	0.0666-0.1888i	-0.5429+0.1376i	0.9751+0.3414i	0.0690+0.2765i
48.7	0.6105+0.4878i	0.5504-1.6597i	-0.0945-1.7059i	-0.7073+2.9065i	0.0667-0.2056i	-0.5735+0.1436i	0.9337+0.3499i	0.0712+0.2816i
48.8	0.8778+0.4658i	0.5447-1.7452i	-0.2369-1.5150i	-0.7287+2.8345i	0.0429-0.2118i	-0.6089+0.1685i	0.8934+0.3404i	0.0649+0.2639i
48.9	0.9636+0.3500i	0.5465-1.7966i	-0.2468-1.3784i	-0.6939+2.8402i	0.0300-0.1920i	-0.6201+0.1924i	0.8793+0.3474i	0.0600+0.2420i
49.0	0.9737+0.3190i	0.5360-1.8717i	-0.2035-1.3534i	-0.6780+2.7471i	0.0269-0.1812i	-0.6193+0.1999i	0.8873+0.3737i	0.0616+0.2316i
49.1	1.0050+0.4036i	0.6040-1.9597i	-0.2092-1.4447i	-0.8353+2.8224i	0.0545-0.1641i	-0.6297+0.1735i	0.9117+0.3862i	0.0514+0.2154i
49.2	1.1382+0.3691i	0.6118-1.9607i	-0.2473-1.3691i	-0.8558+2.8012i	0.0866-0.1888i	-0.6547+0.1718i	0.9293+0.3824i	0.0421+0.2367i
49.3	1.1117+0.2350i	0.6224-2.0249i	-0.1462-1.3268i	-0.8472+2.7865i	0.0813-0.2179i	-0.6902+0.2065i	0.9419+0.3828i	0.0319+0.2296i
49.4	1.0726+0.2188i	0.6194-2.1486i	-0.1443-1.4228i	-0.8126+2.8706i	0.0865-0.2313i	-0.7145+0.2229i	0.9697+0.3581i	0.0246+0.2192i
49.5	1.1932+0.2255i	0.6145-2.1822i	-0.3077-1.3082i	-0.8374+2.7920i	0.0718-0.2638i	-0.7232+0.2254i	0.9814+0.2800i	0.0322+0.2200i
49.6	1.2264+0.0983i	0.6697-2.3143i	-0.1971-1.1868i	-1.0060+2.7272i	0.0376-0.2696i	-0.7594+0.2422i	0.9677+0.2300i	0.0360+0.1981i
49.7	1.1057+0.1211i	0.6666-2.5602i	-0.1672-1.4492i	-1.2151+2.9759i	0.0409-0.2618i	-0.8141+0.2381i	0.9571+0.1934i	0.0146+0.1940i

49.8	1.1224+0.2475i	0.6374-2.7012i	-0.3876-1.5854i	-1.1810+3.1874i	0.0419-0.2702i	-0.8638+0.2477i	0.9352+0.1717i	0.0151+0.1880i
49.9	1.2948+0.3181i	0.6183-2.7679i	-0.7064-1.4356i	-1.0176+3.1474i	0.0194-0.2968i	-0.9240+0.3066i	0.8996+0.1365i	0.0090+0.1776i
50.0	1.3288+0.1710i	0.5375-2.8741i	-0.6615-1.2149i	-1.1027+3.1027i	0.0028-0.2889i	-0.9471+0.3608i	0.8729+0.1474i	0.0027+0.1688i
50.1	1.3486+0.1291i	0.3736-3.0415i	-0.7200-1.1249i	-0.9991+3.2034i	-0.0157-0.2831i	-0.9857+0.4372i	0.8411+0.1592i	-0.0053+0.1556i
50.2	1.4587+0.1250i	0.3501-3.1755i	-0.7558-0.9721i	-1.0715+3.1177i	-0.0333-0.2791i	-1.0034+0.5197i	0.8179+0.1612i	-0.0163+0.1465i
50.3	1.5282+0.0288i	0.3178-3.3120i	-0.6966-0.8647i	-1.1354+3.1110i	-0.0485-0.2704i	-1.0074+0.5702i	0.8111+0.1753i	-0.0370+0.1391i
50.4	1.4760-0.1312i	0.2371-3.4706i	-0.5544-0.7843i	-1.2210+3.2430i	-0.0544-0.2445i	-0.9830+0.6234i	0.8098+0.2008i	-0.0611+0.1287i
50.5	1.3324-0.1414i	0.1183-3.6296i	-0.3993-0.9626i	-1.4386+3.3537i	-0.0514-0.2192i	-0.9665+0.6373i	0.8359+0.2259i	-0.0656+0.1258i
50.6	1.3322-0.0473i	-0.0728-3.7788i	-0.6227-1.0516i	-1.3882+3.5846i	-0.0236-0.2097i	-0.9955+0.6719i	0.8506+0.2259i	-0.0788+0.1305i
50.7	1.5115+0.0420i	-0.1560-3.9127i	-0.8445-0.8796i	-1.3372+3.5928i	0.0066-0.2273i	-1.0523+0.7576i	0.8776+0.2274i	-0.0906+0.1197i
50.8	1.6632-0.2048i	-0.3101-4.1359i	-0.8012-0.6507i	-1.4987+3.7740i	-0.0041-0.2415i	-1.0426+0.8658i	0.9061+0.2470i	-0.1069+0.1081i
50.9	1.5849-0.3726i	-0.6380-4.3285i	-0.7398-0.5538i	-1.5207+4.1272i	-0.0140-0.2332i	-1.0127+0.9705i	0.9288+0.2239i	-0.1608+0.1079i
51.0	1.5834-0.3298i	-0.8806-4.4321i	-0.7168-0.4890i	-1.4658+4.1645i	-0.0043-0.2531i	-0.9914+1.0293i	0.9675+0.2048i	-0.1843+0.1143i
51.1	1.5337-0.4279i	-1.2962-4.4315i	-0.6354-0.4230i	-1.2800+4.3664i	-0.0038-0.2538i	-0.9572+1.1029i	1.0034+0.1846i	-0.1983+0.1300i
51.2	1.4976-0.5865i	-1.6489-4.5074i	-0.5553-0.3026i	-1.2129+4.6847i	-0.0062-0.2468i	-0.9145+1.2020i	1.0303+0.1570i	-0.2368+0.1429i
51.3	1.4795-0.5640i	-1.8464-4.4430i	-0.5155-0.2623i	-1.1860+4.7143i	-0.0200-0.2685i	-0.8782+1.2789i	1.0366+0.1091i	-0.2553+0.1572i
51.4	1.4347-0.6697i	-2.1618-4.4561i	-0.4522-0.1295i	-0.9761+4.9004i	-0.0284-0.2787i	-0.8150+1.3966i	1.0444+0.0762i	-0.2849+0.1808i
51.5	1.3471-0.6939i	-2.4220-4.4208i	-0.3599-0.1231i	-0.8697+5.0294i	-0.0386-0.2853i	-0.7385+1.4790i	1.0451+0.0397i	-0.3131+0.2069i
51.6	1.3529-0.7306i	-2.7065-4.3253i	-0.2396-0.0436i	-0.7726+5.2117i	-0.0724-0.2520i	-0.5998+1.5430i	1.0205+0.0364i	-0.3146+0.2286i
51.7	1.2880-0.7890i	-2.9251-4.2817i	-0.0900-0.0232i	-0.8205+5.4140i	-0.0789-0.2039i	-0.4581+1.5806i	0.9994+0.0694i	-0.3478+0.2718i
51.8	1.1382-0.7236i	-3.2662-4.0925i	-0.0193-0.1627i	-0.5743+5.7264i	-0.0462-0.1765i	-0.3655+1.5838i	1.0178+0.0911i	-0.3723+0.3287i
51.9	1.2232-0.5703i	-3.3847-3.6854i	-0.1390-0.1630i	-0.2162+5.5456i	-0.0084-0.1807i	-0.2774+1.5541i	1.0398+0.1256i	-0.3503+0.3679i
52.0	1.3680-0.7580i	-3.4734-3.6266i	-0.0733+0.1639i	-0.0377+5.5156i	0.0274-0.1761i	-0.1955+1.5444i	1.1114+0.1947i	-0.3432+0.3735i
52.1	1.2758-0.8257i	-3.4923-3.5836i	0.1832+0.2348i	0.0593+5.6181i	0.0900-0.1749i	-0.1371+1.5290i	1.2529+0.2290i	-0.3352+0.3966i
52.2	1.0102-0.8162i	-3.6198-3.3185i	0.6436+0.0496i	0.2089+5.7156i	0.1903-0.1832i	-0.0556+1.4843i	1.4545+0.2013i	-0.3578+0.4418i
52.3	0.8785-0.6691i	-3.8084-3.0060i	0.8064-0.3306i	0.5641+5.7817i	0.2611-0.2448i	-0.0149+1.4531i	1.5963+0.0470i	-0.3555+0.4880i
52.4	1.0672-0.4800i	-3.6708-2.7495i	0.5659-0.6469i	0.8589+5.3828i	0.3264-0.3954i	0.0243+1.4199i	1.6853-0.1694i	-0.3080+0.5230i
52.5	1.1056-0.8405i	-3.7873-2.6809i	0.4588-0.4442i	0.9012+5.4443i	0.3082-0.5188i	0.1016+1.4513i	1.6963-0.4045i	-0.2888+0.5613i
52.6	1.0396-0.8876i	-3.9177-2.7595i	0.5497-0.3149i	0.7896+5.6239i	0.2849-0.6443i	0.1351+1.5107i	1.7727-0.6027i	-0.3031+0.5833i
52.7	1.0395-0.6858i	-3.8981-2.7618i	0.6965-0.4438i	0.6248+5.7115i	0.1913-0.7886i	0.2097+1.5203i	1.7335-0.8530i	-0.2918+0.6286i
52.8	1.0035-0.8574i	-4.1572-2.5359i	0.9333-0.5704i	0.9215+5.9899i	0.0090-0.8430i	0.3951+1.4388i	1.4569-1.0864i	-0.2611+0.7090i
52.9	0.9864-0.9462i	-4.4338-2.5636i	1.0734-0.7429i	1.1603+6.3787i	-0.1579-0.8545i	0.4999+1.4202i	1.2122-1.1700i	-0.2181+0.7795i
53.0	0.9903-0.8826i	-4.5079-2.5904i	1.0037-0.9771i	1.3933+6.7112i	-0.2320-0.7940i	0.5495+1.3777i	1.1270-1.0860i	-0.1193+0.7992i
53.1	0.9761-0.9384i	-4.6796-2.4013i	0.9701-1.1287i	1.8318+6.8988i	-0.2651-0.7675i	0.5924+1.3250i	1.1088-1.1023i	-0.0567+0.7936i
53.2	0.8856-0.9859i	-4.9352-2.1376i	0.9079-1.2567i	2.4127+6.7763i	-0.3551-0.7771i	0.6699+1.2655i	1.0304-1.1554i	0.0040+0.7539i
53.3	0.7458-0.8208i	-4.8829-1.8334i	0.7975-1.5386i	3.0286+6.6034i	-0.4343-0.7496i	0.7632+1.1916i	0.9046-1.1561i	0.0845+0.7293i
53.4	0.8195-0.7800i	-4.9187-1.7258i	0.5363-1.6567i	3.3202+6.5483i	-0.5386-0.7063i	0.8854+1.0982i	0.8549-1.1622i	0.1146+0.6655i
53.5	0.8755-0.7924i	-4.9973-1.6174i	0.3800-1.4697i	3.5940+6.2520i	-0.6199-0.6081i	0.9721+0.9507i	0.8539-1.1696i	0.1107+0.6071i
53.6	0.9599-0.8290i	-5.0665-1.5300i	0.3293-1.3979i	3.9422+5.9589i	-0.6230-0.4868i	0.9587+0.7775i	0.8646-1.2411i	0.0785+0.5745i
53.7	0.8709-1.1063i	-5.2680-1.1169i	0.4510-1.2620i	4.2510+5.5160i	-0.5470-0.3846i	0.8842+0.5803i	0.7224-1.3900i	0.0136+0.5806i
53.8	0.6577-1.0251i	-5.0014-0.8972i	0.5885-1.3828i	4.2356+5.0858i	-0.4777-0.4099i	0.7224+0.5197i	0.6091-1.4224i	0.0068+0.6330i
53.9	0.4132-1.1606i	-5.2409-0.6151i	0.8116-1.5347i	4.6410+4.9703i	-0.4985-0.4130i	0.6619+0.4996i	0.3710-1.5284i	0.0214+0.7034i
54.0	0.3440-1.0861i	-5.1540-0.4600i	0.6699-1.5304i	4.6444+4.5558i	-0.5318-0.4227i	0.6322+0.5529i	0.1732-1.4736i	0.0646+0.7433i
54.1	0.1036-0.9533i	-5.0800-0.2498i	1.0240-1.4902i	4.5222+4.2306i	-0.5561-0.3409i	0.7290+0.5836i	0.0363-1.3141i	0.0885+0.7456i
54.2	0.0318-0.6670i	-4.9673-0.1535i	1.2711-2.0123i	4.5846+4.2202i	-0.5107-0.2968i	0.7860+0.4113i	-0.0068-1.1951i	0.1221+0.7895i
54.3	0.0194-0.5394i	-4.9255-0.1229i	1.0968-2.5400i	4.6732+4.0118i	-0.4595-0.2995i	0.6456+0.2248i	-0.0275-1.0851i	0.2265+0.8209i
54.4	-0.0694-0.4112i	-5.0633+0.0628i	0.9783-2.9180i	4.8896+3.7873i	-0.4118-0.3040i	0.5628+0.1644i	-0.0230-1.0478i	0.2858+0.8247i
54.5	-0.1302-0.2126i	-5.1303+0.3584i	0.7119-3.3488i	5.1023+3.4810i	-0.3839-0.3235i	0.4566+0.1048i	-0.0678-1.0330i	0.3662+0.8076i
54.6	0.0355-0.0463i	-5.0164+0.5065i	0.1823-3.5366i	5.0868+3.1878i	-0.4316-0.3714i	0.3587+0.1356i	-0.1362-1.0235i	0.4457+0.7477i
54.7	0.2220+0.0427i	-4.7080+0.6747i	-0.4096-3.3656i	4.8817+2.8974i	-0.4625-0.4107i	0.2829+0.1840i	-0.1883-0.9469i	0.4755+0.6897i
54.8	0.1666+0.1232i	-4.5926+0.7600i	-0.3945-3.3290i	4.6661+2.7263i	-0.5196-0.4289i	0.1620+0.1636i	-0.1725-0.8968i	0.5089+0.7002i
54.9	0.2653+0.3319i	-4.4709+0.7215i	-0.6487-3.5004i	4.4340+2.6208i	-0.5743-0.4391i	0.0277+0.2265i	-0.1751-0.8974i	0.5594+0.6826i
55.0	0.4756+0.3718i	-4.5761+0.6821i	-0.9943-3.4319i	4.4377+2.6658i	-0.6290-0.4050i	0.0088+0.3594i	-0.2276-0.8820i	0.6161+0.5883i
55.1	0.7014+0.4017i	-4.5452+0.7765i	-1.4077-3.1617i	4.3275+2.5262i	-0.6421-0.3892i	0.0226+0.4538i	-0.2580-0.8248i	0.6179+0.5031i
55.2	0.8843+0.4461i	-4.3356+0.8251i	-1.6204-2.8911i	4.0585+2.3615i	-0.6840-0.3763i	0.0548+0.5336i	-0.2553-0.7654i	0.6109+0.4373i
55.3	1.0086+0.4230i	-4.3647+0.8500i	-1.6837-2.6911i	3.9967+2.3396i	-0.7318-0.3373i	0.1427+0.5705i	-0.2583-0.7190i	0.5954+0.3632i
55.4	1.0860+0.4191i	-4.4380+0.9647i	-1.5426-2.6717i	3.9684+2.3142i	-0.7267-0.3141i	0.2257+0.4993i	-0.2506-0.7062i	0.5275+0.3428i
55.5	1.2847+0.3994i	-4.5673+0.9476i	-1.5793-2.9534i	3.9429+2.4010i	-0.7839-0.3190i	0.1305+0.3578i	-0.2874-0.7952i	0.5742+0.3867i
55.6	1.3937+0.3264i	-4.5241+1.0109i	-1.9614-3.0344i	3.9410+2.5930i	-0.8271-0.2507i	-0.0166+0.4426i	-0.3694-0.7890i	0.6128+0.3209i
55.7	1.5199+0.2414i	-4.5628+1.1800i	-2.3157-2.9259i	4.0494+2.5228i	-0.8766-0.2047i	-0.0495+0.5366i	-0.4451-0.7145i	0.6208+0.2340i
55.8	1.6917+0.1585i	-4.6004+1.3209i	-2.6437-2.7271i	3.9588+2.3551i	-0.9226-0.1301i	-0.0561+0.6020i	-0.4963-0.6450i	0.5924+0.1597i
55.9	1.7595+0.0732i	-4.5484+1.4123i	-2.7987-2.4999i	4.0087+2.2970i	-0.9084-0.0972i	-0.0105+0.6816i	-0.4991-0.5588i	0.5136+0.1207i
56.0	1.7611-0.0808i	-4.6152+1.5045i	-2.7506-2.3120i	4.0538+2.2999i	-0.9038-0.0498i	0.0414+0.7111i	-0.5169-0.4996i	0.4690+0.1223i

56.1	1.7384−0.2455i	−4.6662+1.6824i	−2.6859−2.1458i	4.1170+2.3434i	−0.9022+0.0239i	0.0217+0.7179i	−0.5659−0.4371i	0.4793+0.1186i
56.2	1.8256−0.2838i	−4.5698+1.8149i	−2.9651−2.0636i	4.0050+2.4551i	−0.8953+0.0925i	0.0306+0.8382i	−0.5871−0.3762i	0.4479+0.0771i
56.3	1.8828−0.3480i	−4.6034+1.8726i	−3.1334−1.9711i	4.1423+2.4657i	−0.8513+0.1554i	0.0804+0.8945i	−0.5786−0.3081i	0.3872+0.0694i
56.4	1.8900−0.5202i	−4.5338+2.1129i	−3.2306−1.6501i	4.4580+2.4722i	−0.8148+0.1870i	0.2035+0.9617i	−0.5772−0.1967i	0.3521+0.0662i
56.5	1.8818−0.6694i	−4.6605+2.3395i	−3.3438−1.4941i	4.7612+2.3665i	−0.7696+0.1782i	0.2643+0.9616i	−0.5647−0.1267i	0.3149+0.0901i
56.6	1.9006−0.7096i	−4.5642+2.3743i	−3.3456−1.3681i	4.5908+2.2164i	−0.7733+0.2189i	0.3111+0.9574i	−0.5059−0.0899i	0.3188+0.1121i
56.7	1.8938−0.7999i	−4.3727+2.5015i	−3.3525−1.0652i	4.5989+2.0817i	−0.7940+0.2370i	0.4063+0.9712i	−0.4208−0.0342i	0.3108+0.1251i
56.8	1.8414−0.8844i	−4.3058+2.7020i	−3.4613−0.9196i	4.6902+1.9880i	−0.7897+0.2388i	0.4474+0.9455i	−0.3770+0.0107i	0.2886+0.1388i
56.9	1.7614−1.0652i	−4.3671+2.9881i	−3.4672−0.6516i	4.9511+1.8740i	−0.7656+0.2685i	0.5361+0.9185i	−0.3397+0.0629i	0.3208+0.1513i
57.0	1.6210−1.1668i	−4.0708+3.2660i	−3.3302−0.2959i	5.0475+1.5696i	−0.7677+0.2963i	0.6420+0.8940i	−0.2586+0.0946i	0.3294+0.1713i
57.1	1.5032−1.3227i	−4.0015+3.5588i	−3.1789−0.0928i	5.3199+1.4824i	−0.7712+0.3380i	0.6751+0.8046i	−0.2003+0.0923i	0.3331+0.2026i
57.2	1.4201−1.3760i	−4.0230+3.5758i	−3.0208−0.1808i	5.2852+1.3900i	−0.7588+0.4512i	0.6194+0.7647i	−0.1872+0.0243i	0.3999+0.1595i
57.3	1.3075−1.2876i	−3.8120+3.7155i	−3.0026−0.2199i	5.2174+1.1421i	−0.7270+0.4948i	0.6613+0.8071i	−0.1669+0.0274i	0.3952+0.0853i
57.4	1.2604−1.2068i	−3.6776+3.8479i	−3.1376−0.2027i	5.2347+0.9374i	−0.6868+0.5215i	0.7019+0.7796i	−0.1506+0.0116i	0.3463+0.0316i
57.5	1.2565−1.2029i	−3.6100+3.9290i	−3.2186−0.1476i	5.2601+0.8892i	−0.6204+0.5554i	0.7338+0.7172i	−0.1584−0.0007i	0.2952+0.0125i
57.6	1.2158−1.1898i	−3.3860+4.0568i	−3.2339−0.0755i	5.2446+0.7244i	−0.5441+0.5670i	0.7786+0.6637i	−0.1525−0.0025i	0.2320+0.0343i
57.7	1.2344−1.1891i	−3.2193+4.1438i	−3.2428+0.0072i	5.0939+0.6199i	−0.4787+0.5771i	0.7956+0.6300i	−0.1531+0.0201i	0.1821+0.0824i
57.8	1.2060−1.1875i	−2.9626+4.2396i	−3.2318+0.0115i	4.8892+0.3739i	−0.4437+0.5799i	0.8002+0.6334i	−0.1246+0.0533i	0.1343+0.1217i
57.9	1.2402−1.2599i	−3.0445+4.3645i	−3.4949+0.1561i	5.1113+0.3612i	−0.4025+0.5567i	0.8093+0.6210i	−0.1152+0.0606i	0.1256+0.1528i
58.0	1.1695−1.2516i	−2.6830+4.4702i	−3.3900+0.4226i	5.0653+0.0808i	−0.3682+0.5085i	0.8661+0.5473i	−0.0664+0.0434i	0.1318+0.2231i
58.1	1.0734−1.2620i	−2.2890+4.5231i	−3.3107+0.6454i	4.9905−0.1397i	−0.3652+0.4752i	0.8800+0.5123i	−0.0543+0.0162i	0.1779+0.3032i
58.2	1.0513−1.2116i	−2.1736+4.4776i	−3.3457+0.6410i	4.9193−0.2770i	−0.3825+0.4709i	0.9090+0.4875i	−0.0370+0.0275i	0.2276+0.3325i
58.3	1.1188−1.2445i	−2.0854+4.5356i	−3.4426+0.9803i	4.9875−0.2823i	−0.4020+0.4722i	0.9366+0.4015i	−0.0477+0.0357i	0.2887+0.3519i
58.4	1.0800−1.3257i	−1.9263+4.6000i	−3.3671+1.2403i	5.0631−0.4257i	−0.3946+0.4788i	0.9139+0.2942i	−0.0468+0.0269i	0.3511+0.3545i
58.5	1.0258−1.4246i	−1.7388+4.7073i	−3.2662+1.4723i	4.8641−0.5411i	−0.3675+0.5423i	0.8473+0.2251i	−0.0299+0.0062i	0.4346+0.3328i
58.6	0.9321−1.4135i	−1.6007+4.8076i	−3.2460+1.5481i	4.9097−0.8103i	−0.3397+0.5620i	0.7987+0.2519i	−0.0380+0.0120i	0.4852+0.3051i
58.7	0.8030−1.3896i	−1.2029+4.7111i	−2.9416+1.6592i	4.7296−1.0410i	−0.2778+0.5497i	0.8178+0.2058i	−0.0263+0.0015i	0.4915+0.2807i
58.8	0.7949−1.3544i	−1.0019+4.4952i	−2.6933+1.7543i	4.6062−1.0687i	−0.2634+0.5377i	0.7747+0.1871i	−0.0401+0.0054i	0.5423+0.1858i
58.9	0.7494−1.3369i	−0.8022+4.4436i	−2.5598+1.8931i	4.5639−1.1820i	−0.2576+0.5296i	0.7540+0.2061i	−0.0622+0.0082i	0.5755+0.1247i
59.0	0.6555−1.3108i	−0.6008+4.4007i	−2.4419+1.9576i	4.4737−1.4365i	−0.2234+0.5323i	0.7547+0.2008i	−0.0784+0.0484i	0.5623+0.0716i
59.1	0.6186−1.3096i	−0.4113+4.2876i	−2.2018+1.9722i	4.2107−1.4397i	−0.1926+0.4760i	0.7432+0.1568i	−0.0561+0.0425i	0.5420−0.0000i
59.2	0.6147−1.2454i	−0.2409+4.1972i	−2.1161+2.0414i	3.9095−1.4969i	−0.1973+0.5030i	0.7505+0.1634i	−0.0469+0.0868i	0.4832−0.0928i
59.3	0.6056−1.1478i	−0.1550+4.0444i	−2.0984+2.0139i	3.7707−1.6148i	−0.2136+0.4981i	0.7459+0.1419i	−0.0459+0.1016i	0.4647−0.1215i
59.4	0.5810−1.1002i	−0.1178+3.9495i	−2.0289+1.9837i	3.6426−1.6354i	−0.2359+0.4871i	0.7253+0.1181i	−0.0290+0.1232i	0.4116−0.1370i
59.5	0.5812−1.0479i	−0.0551+3.8666i	−1.9969+2.0027i	3.5688−1.7031i	−0.2470+0.5030i	0.6884+0.0872i	−0.0256+0.1501i	0.3677−0.1482i
59.6	0.6143−1.0382i	0.1066+3.7964i	−1.9192+2.1285i	3.3350−1.6968i	−0.2434+0.5521i	0.6868+0.0867i	−0.0134+0.1678i	0.3357−0.1536i
59.7	0.6426−1.0465i	0.2447+3.7298i	−1.7962+2.2297i	3.0765−1.6651i	−0.2158+0.5919i	0.6729+0.0853i	0.0190+0.1875i	0.2817−0.1607i
59.8	0.6257−1.0213i	0.2187+3.5921i	−1.8282+2.2102i	3.1922−1.7850i	−0.1914+0.6258i	0.6418+0.0916i	0.0569+0.2311i	0.2571−0.1492i
59.9	0.6317−0.9812i	2.1505+3.4772i	0.0846+2.1422i	3.8596−1.6532i	−0.1615+0.6457i	0.6426+0.1027i	0.1001+0.2428i	0.2665−0.1343i
60.0	0.6507−0.9698i	2.2349+4.1185i	0.2548+2.8668i	3.9114−1.2868i	−0.1587+0.6461i	0.6305+0.1109i	0.1157+0.2269i	0.2601−0.1286i
60.1	0.6850−0.9617i	0.8886+3.4195i	−1.0415+2.3630i	3.2858−1.5631i	−0.1021+0.6885i	0.6438+0.1104i	0.1629+0.2263i	0.2326−0.1647i
60.2	0.6672−0.9706i	0.6247+3.3392i	−1.3226+2.4915i	2.9604−1.4773i	−0.0348+0.7067i	0.6437+0.1133i	0.2138+0.2061i	0.1860−0.1585i
60.3	0.7321−0.9617i	0.5150+3.2756i	−1.3987+2.4329i	2.7539−1.5223i	−0.0001+0.7242i	0.6624+0.1258i	0.2618+0.1975i	0.1660−0.1812i
60.4	0.7204−0.9359i	0.6799+3.1274i	−1.2439+2.5121i	2.5559−1.5608i	0.0682+0.7278i	0.6897+0.1429i	0.3237+0.1625i	0.1204−0.1983i
60.5	0.7628−0.9154i	0.6748+3.1141i	−1.1583+2.5798i	2.6219−1.6827i	0.1383+0.7223i	0.7260+0.1382i	0.3738+0.1397i	0.0757−0.2243i
60.6	0.7994−0.9328i	0.6436+3.0478i	−1.0850+2.5300i	2.6401−1.6086i	0.1832+0.6758i	0.7704+0.1098i	0.3690+0.0967i	0.0352−0.1877i
60.7	0.8375−0.9884i	0.7281+3.0124i	−0.9973+2.5731i	2.4130−1.4533i	0.2333+0.6228i	0.8241+0.0669i	0.3809+0.0427i	−0.0146−0.1463i
60.8	0.8376−1.0371i	0.7595+2.9619i	−0.9298+2.6201i	2.2930−1.3905i	0.2642+0.5641i	0.8246−0.0409i	0.3789−0.0011i	−0.0744−0.1118i
60.9	0.9081−1.0469i	0.6986+2.8110i	−0.7912+2.5454i	2.2687−1.2762i	0.2494+0.5074i	0.8092−0.1465i	0.3586−0.0531i	−0.0944−0.0446i
61.0	0.9179−1.0183i	0.7075+2.7044i	−0.6190+2.5706i	2.2543−1.3875i	0.2326+0.4739i	0.7455−0.2152i	0.3606−0.0841i	−0.1280+0.0033i
61.1	0.9259−1.0279i	0.7613+2.6389i	−0.5094+2.6092i	2.0863−1.3347i	0.2234+0.4820i	0.6772−0.2842i	0.3347−0.1317i	−0.1555+0.0779i
61.2	0.9116−1.0642i	0.7828+2.4978i	−0.3393+2.5860i	2.0344−1.1679i	0.2325+0.4802i	0.6160−0.2949i	0.2855−0.1595i	−0.1200+0.1605i
61.3	0.9703−1.1048i	0.7106+2.4222i	−0.2607+2.5177i	2.0098−0.8919i	0.2480+0.4750i	0.5653−0.2682i	0.2221−0.1564i	−0.0698+0.2185i
61.4	1.0110−1.1141i	0.6836+2.3555i	−0.1421+2.5456i	1.9450−0.9262i	0.2872+0.4840i	0.5046−0.2811i	0.2129−0.1517i	−0.0120+0.2792i
61.5	1.0565−1.1476i	0.6103+2.3909i	−0.0865+2.5272i	1.9476−0.9830i	0.2902+0.4734i	0.4558−0.2942i	0.2176−0.1219i	0.0446+0.2673i
61.6	1.0964−1.1992i	0.4799+2.4072i	−0.1003+2.4113i	2.0225−0.9660i	0.3005+0.4749i	0.3962−0.2887i	0.2343−0.0706i	0.1075+0.2181i
61.7	1.0883−1.2427i	0.5224+2.3227i	−0.0066+2.4450i	2.0713−0.8799i	0.3599+0.4765i	0.3362−0.2736i	0.2714−0.0639i	0.1248+0.1821i
61.8	1.0500−1.2698i	0.5787+2.2644i	0.0743+2.4576i	2.1449−0.7922i	0.4081+0.4569i	0.2586−0.2278i	0.2948−0.0845i	0.1098+0.1476i
61.9	1.0580−1.3570i	0.5372+2.3135i	0.1988+2.4269i	2.2373−0.6925i	0.4335+0.4103i	0.2185−0.1755i	0.2903−0.0995i	0.0905+0.1165i
62.0	1.0460−1.4890i	0.5119+2.3973i	0.2742+2.4239i	2.3745−0.6222i	0.4577+0.3499i	0.1979−0.1032i	0.3091−0.1162i	0.0445+0.1216i
62.1	0.9935−1.5343i	0.5115+2.3567i	0.3442+2.3385i	2.3151−0.5102i	0.4745+0.2838i	0.2067−0.0490i	0.2922−0.1221i	0.0341+0.1392i
62.2	0.9040−1.5534i	0.5660+2.3227i	0.3112+2.2592i	2.5864−0.6599i	0.4810+0.2697i	0.2207−0.0288i	0.3072−0.1104i	0.0188+0.1611i
62.3	0.8264−1.6101i	0.6358+2.3655i	0.3518+2.3176i	2.7997−0.7352i	0.4726+0.2447i	0.2176+0.0046i	0.3294−0.1221i	−0.0111+0.1901i

62.4	0.7994−1.6872i	0.6335+2.4088i	0.4694+2.1887i	2.6124−0.6104i	0.4431+0.1808i	0.2444+0.0523i	0.3022−0.1536i	−0.0029+0.2259i
62.5	0.6936−1.7697i	0.7499+2.4519i	0.6711+2.1838i	2.5992−0.6435i	0.4300+0.1227i	0.2584+0.1044i	0.3003−0.1586i	0.0083+0.2680i
62.6	0.6094−1.7397i	0.7676+2.4384i	0.6531+2.1606i	2.7702−0.9811i	0.4299+0.1269i	0.2489+0.1126i	0.3413−0.1698i	0.0116+0.2978i
62.7	0.5471−1.7854i	0.7764+2.4598i	0.7512+2.1621i	2.9292−0.9439i	0.3974+0.1086i	0.2684+0.1386i	0.3546−0.1806i	−0.0039+0.3223i
62.8	0.4643−1.8062i	0.8668+2.4758i	0.8854+2.0972i	2.9976−1.0170i	0.3857+0.0972i	0.3033+0.1686i	0.3648−0.1996i	0.0008+0.3611i
62.9	0.3588−1.8252i	0.9678+2.4623i	0.9978+2.0101i	2.9570−1.0570i	0.3806+0.0975i	0.3287+0.2033i	0.3710−0.2269i	0.0170+0.4128i
63.0	0.2356−1.7970i	1.0581+2.4141i	1.1024+1.8593i	2.9213−1.0337i	0.3684+0.0960i	0.3695+0.2022i	0.3511−0.2635i	0.0622+0.4630i
63.1	0.2168−1.8031i	1.0507+2.4468i	1.0851+1.8398i	2.8201−1.1497i	0.3790+0.0781i	0.3905+0.1869i	0.3369−0.2827i	0.1108+0.4832i
63.2	0.1579−1.7786i	1.1250+2.4261i	1.1554+1.8077i	2.8432−1.2367i	0.3770+0.0550i	0.4122+0.2139i	0.3280−0.3061i	0.1516+0.5119i
63.3	0.1424−1.6802i	1.1032+2.3347i	1.2235+1.7256i	2.7530−1.4468i	0.3751+0.0164i	0.4356+0.2308i	0.3034−0.3321i	0.2042+0.5144i
63.4	0.0546−1.6663i	1.1944+2.3327i	1.2812+1.5821i	2.7622−1.4847i	0.3650+0.0182i	0.4782+0.2268i	0.2774−0.3340i	0.2646+0.5079i
63.5	0.0201−1.6217i	1.2589+2.3152i	1.3621+1.5525i	2.6241−1.5845i	0.3436−0.0049i	0.5106+0.2237i	0.2561−0.3543i	0.3060+0.5017i
63.6	−0.0070−1.5148i	1.2970+2.2278i	1.4148+1.5802i	2.4614−1.7803i	0.3296−0.0441i	0.5466+0.2545i	0.2443−0.3796i	0.3503+0.5037i
63.7	−0.0087−1.4617i	1.3127+2.1589i	1.3964+1.4167i	2.4809−1.8494i	0.3391−0.0436i	0.6021+0.2071i	0.2520−0.3721i	0.3800+0.4845i
63.8	−0.0321−1.3226i	1.3392+2.0236i	1.4038+1.3288i	2.4630−1.9289i	0.3327−0.0719i	0.6448+0.2234i	0.2522−0.3765i	0.4118+0.4622i
63.9	−0.0726−1.2538i	1.3753+2.0085i	1.3286+1.3587i	2.4274−2.0983i	0.3542−0.0929i	0.6918+0.2313i	0.2506−0.4231i	0.4608+0.4934i
64.0	−0.0235−1.2249i	1.3900+1.9814i	1.4018+1.2537i	2.2424−2.1021i	0.2910−0.1075i	0.7680+0.1260i	0.2431−0.4235i	0.4673+0.4676i
64.1	−0.0201−1.1708i	1.4561+1.9165i	1.4722+1.1617i	1.9182−2.1277i	0.2376−0.1147i	0.8039+0.0103i	0.1874−0.4372i	0.5278+0.4254i
64.2	0.0142−1.1350i	1.4502+1.8517i	1.4737+1.1100i	1.8297−1.9911i	0.2196−0.1047i	0.7702−0.0562i	0.1630−0.4360i	0.5595+0.3838i
64.3	−0.0179−1.1280i	1.5348+1.8272i	1.5153+1.0380i	1.8754−2.0319i	0.2083−0.0977i	0.7241−0.1024i	0.1791−0.4420i	0.5778+0.3580i
64.4	0.0305−1.1049i	1.5073+1.7921i	1.5219+1.0272i	1.7672−2.0610i	0.1956−0.0797i	0.6781−0.1301i	0.1922−0.4508i	0.5707+0.3197i
64.5	0.0825−1.0256i	1.4772+1.6810i	1.4960+0.9689i	1.7065−2.0857i	0.1936−0.0549i	0.6472−0.1541i	0.1941−0.4846i	0.5648+0.2977i
64.6	0.1333−0.9639i	1.4594+1.5883i	1.4791+0.9206i	1.5820−2.0649i	0.2238−0.0261i	0.6369−0.1358i	0.1729−0.5304i	0.5762+0.3120i
64.7	0.2251−0.9650i	1.4297+1.5821i	1.5800+0.9160i	1.2754−2.0198i	0.2403−0.0230i	0.6433−0.1077i	0.1235−0.5791i	0.6050+0.3363i
64.8	0.2533−1.0227i	1.4595+1.5954i	1.6322+0.8790i	1.2536−1.8855i	0.2495−0.0259i	0.6325−0.0906i	0.0820−0.6004i	0.6283+0.3477i
64.9	0.3302−1.0696i	1.4320+1.5897i	1.7429+0.7849i	1.2905−1.6661i	0.2796−0.0326i	0.6736−0.1167i	0.0508−0.6022i	0.6651+0.3493i
65.0	0.3901−1.0835i	1.3542+1.5290i	1.7245+0.6652i	1.2462−1.6292i	0.3047−0.0737i	0.7074−0.1866i	0.0008−0.6192i	0.7283+0.3346i
65.1	0.3689−1.0868i	1.3711+1.5196i	1.7060+0.6578i	1.2040−1.6300i	0.3002−0.1084i	0.7190−0.2382i	−0.0522−0.6332i	0.7888+0.3082i
65.2	0.3361−1.1207i	1.4531+1.5428i	1.7787+0.6670i	1.1568−1.4786i	0.2912−0.1538i	0.6790−0.2715i	−0.1105−0.6238i	0.8487+0.2670i
65.3	0.3892−1.1945i	1.4262+1.5211i	1.8246+0.5083i	1.1497−1.2640i	0.2850−0.1705i	0.5898−0.3512i	−0.2011−0.5524i	0.8972+0.1652i
65.4	0.4107−1.2135i	1.4030+1.4706i	1.8811+0.3946i	1.1270−1.2456i	0.2426−0.1684i	0.4921−0.3767i	−0.2232−0.4804i	0.9198+0.0794i
65.5	0.4293−1.2112i	1.4353+1.4345i	1.9925+0.3445i	1.1414−1.2666i	0.2305−0.1639i	0.4271−0.3898i	−0.2003−0.4652i	0.9332+0.0168i
65.6	0.4602−1.2537i	1.4173+1.4027i	2.0421+0.2034i	1.1882−1.2124i	0.2419−0.1741i	0.3166−0.3343i	−0.1649−0.4797i	0.9049−0.0557i
65.7	0.4246−1.2544i	1.4045+1.3963i	1.9145+0.1993i	1.1591−1.0930i	0.2574−0.1988i	0.2551−0.2331i	−0.1814−0.4845i	0.8694−0.0922i
65.8	0.4104−1.3304i	1.3901+1.4279i	1.8918+0.0863i	1.2768−0.9521i	0.2468−0.2366i	0.2341−0.1305i	−0.2231−0.5015i	0.8480−0.1304i
65.9	0.3834−1.3469i	1.3769+1.4067i	1.8479−0.0060i	1.4295−0.9053i	0.2252−0.2492i	0.2576−0.0447i	−0.2540−0.4852i	0.8147−0.1590i
66.0	0.3840−1.3778i	1.3707+1.3900i	1.8490−0.1123i	1.5828−0.8296i	0.2009−0.2625i	0.2911+0.0503i	−0.2930−0.4843i	0.7952−0.1758i
66.1	0.3060−1.4218i	1.4458+1.4132i	1.8363−0.1965i	1.6814−0.8319i	0.1908−0.2703i	0.3231+0.1298i	−0.3307−0.4586i	0.7910−0.1926i
66.2	0.2871−1.4110i	1.4826+1.4236i	1.8904−0.1932i	1.7611−0.9101i	0.1915−0.2879i	0.3991+0.1990i	−0.3671−0.4345i	0.8137−0.2101i
66.3	0.3543−1.3834i	1.4680+1.3235i	1.9610−0.3105i	1.9091−0.8738i	0.1641−0.3243i	0.4849+0.2301i	−0.3954−0.3876i	0.7884−0.2534i
66.4	0.2940−1.3933i	1.4837+1.2722i	1.8969−0.4440i	1.9261−1.0537i	0.1192−0.3373i	0.6116+0.2120i	−0.4439−0.3301i	0.7643−0.3160i
66.5	0.3001−1.4300i	1.4873+1.3119i	1.8772−0.5309i	1.8713−1.1612i	0.0861−0.3478i	0.7017+0.1981i	−0.4670−0.2896i	0.7519−0.3443i
66.6	0.3157−1.4867i	1.4979+1.2794i	1.9159−0.7138i	2.0120−1.1933i	0.0156−0.3749i	0.8121+0.1863i	−0.4775−0.2206i	0.7302−0.3937i
66.7	0.2958−1.4731i	1.5418+1.2658i	1.9172−0.6970i	2.0448−1.1608i	−0.0240−0.3787i	0.8790+0.1668i	−0.4818−0.1847i	0.7161−0.4217i
66.8	0.1714−1.4940i	1.6026+1.2919i	1.7024−0.7200i	2.0767−1.2165i	−0.0302−0.3546i	0.8958+0.0902i	−0.4639−0.1378i	0.7069−0.4387i
66.9	0.2149−1.5376i	1.5496+1.2455i	1.7193−0.9042i	2.1617−1.2146i	−0.0866−0.3497i	1.0118−0.0246i	−0.4632−0.0359i	0.6723−0.5137i
67.0	0.2452−1.5626i	1.5546+1.2602i	1.7707−1.0010i	2.2729−1.1695i	−0.1378−0.3268i	1.0712−0.0753i	−0.4337+0.0032i	0.6381−0.5489i
67.1	0.2335−1.6700i	1.5351+1.2900i	1.7176−1.1634i	2.3896−1.2354i	−0.1871−0.3043i	1.0783−0.2007i	−0.3888+0.0641i	0.5663−0.5937i
67.2	0.1782−1.7159i	1.5539+1.2721i	1.6554−1.3073i	2.5340−1.4493i	−0.2292−0.2566i	1.1127−0.2999i	−0.3518+0.1041i	0.5193−0.6118i
67.3	0.1118−1.6860i	1.6510+1.2426i	1.6504−1.3201i	2.5627−1.5704i	−0.2475−0.2223i	1.1118−0.3552i	−0.2919+0.1242i	0.4701−0.6408i
67.4	0.1495−1.6541i	1.6488+1.1819i	1.6359−1.3878i	2.5543−1.4923i	−0.2475−0.1774i	1.0647−0.4737i	−0.2144+0.1605i	0.3909−0.6704i
67.5	0.0612−1.6760i	1.6771+1.1793i	1.5895−1.4746i	2.5303−1.7366i	−0.2808−0.1303i	1.0090−0.5423i	−0.1721+0.1546i	0.3322−0.6592i
67.6	0.0691−1.7578i	1.7117+1.2151i	1.7261−1.6589i	2.5077−1.9052i	−0.3251−0.0871i	1.0173−0.5912i	−0.1446+0.1460i	0.2634−0.6674i
67.7	0.0291−1.8539i	1.7257+1.1985i	1.6077−1.9430i	2.4866−1.9431i	−0.3144+0.0055i	0.9289−0.6762i	−0.0703+0.1482i	0.1460−0.6252i
67.8	−0.0595−1.8750i	1.8140+1.1519i	1.5125−2.0700i	2.5376−2.0646i	−0.2871+0.0802i	0.8642−0.7102i	−0.0083+0.1341i	0.0902−0.5903i
67.9	−0.1347−1.9799i	1.8810+1.1552i	1.3743−2.3590i	2.5413−2.2752i	−0.2437+0.1523i	0.8144−0.7378i	0.0577+0.0868i	0.0222−0.5046i
68.0	−0.0413−1.9502i	1.8140+1.1106i	1.3990−2.3780i	2.3403−2.2585i	−0.1763+0.1855i	0.8111−0.6472i	0.0829+0.0373i	0.0003−0.4626i
68.1	−0.1199−1.9156i	1.8630+1.0273i	1.3409−2.4109i	2.3815−2.2960i	−0.1077+0.1801i	0.8281−0.5791i	0.0982−0.0128i	0.0039−0.4210i
68.2	−0.1260−1.8626i	1.8570+0.9787i	1.2345−2.3297i	2.2495−2.2065i	−0.0213+0.1395i	0.8038−0.5388i	0.1092−0.0484i	0.0110−0.3672i
68.3	−0.2433−2.0355i	1.8856+0.9769i	0.9953−2.9287i	2.1766−2.3304i	0.0242+0.1551i	0.9053−0.6397i	0.1203−0.0813i	−0.0176−0.2369i
68.4	−0.4718−2.1024i	1.9596+0.9186i	0.5456−3.2701i	2.3278−2.3321i	0.0362+0.1193i	0.9151−0.7582i	0.1733−0.0794i	−0.0118−0.1777i
68.5	−0.5517−2.2030i	2.0309+0.8886i	0.5212−3.4433i	2.4972−2.4102i	−0.0328+0.0794i	0.9504−0.8543i	0.2528−0.1055i	−0.0649−0.1713i
68.6	−0.5121−2.1730i	2.0114+0.8274i	0.5261−3.3931i	2.4969−2.5188i	−0.0234+0.0957i	0.9290−0.8470i	0.3373−0.3283i	−0.1467−0.0918i

68.7	-0.7703-2.1915i	2.1333+0.8305i	0.0993-3.6429i	2.5374-2.9503i	0.0383+0.1550i	0.9298-0.9050i	0.2778-0.5735i	-0.0666+0.0601i
68.8	-1.0173-2.1080i	2.1243+0.7901i	-0.5665-3.5312i	2.3719-3.3483i	0.0954+0.1012i	0.8662-1.0233i	0.0552-0.6822i	0.0995+0.1440i
68.9	-1.0409-2.1427i	2.0425+0.7200i	-0.8793-3.8172i	2.2998-3.2387i	0.1015+0.0671i	0.8502-1.1484i	-0.0990-0.7137i	0.1713+0.1915i
69.0	-1.1872-2.0842i	2.1049+0.6329i	-1.0394-3.9954i	1.8969-3.5145i	0.0721+0.0882i	0.7918-1.2818i	-0.2696-0.6986i	0.2556+0.2121i
69.1	-1.3804-2.0582i	2.1787+0.5530i	-1.3836-4.1271i	1.7120-3.6838i	0.0188+0.0859i	0.7102-1.3695i	-0.4234-0.6857i	0.3220+0.2273i
69.2	-1.5828-2.0359i	2.1903+0.5033i	-1.8631-4.1885i	1.8553-3.6561i	-0.0634+0.0951i	0.6718-1.3835i	-0.5449-0.6445i	0.3792+0.2375i
69.3	-1.8269-1.7576i	2.2487+0.3624i	-2.4364-4.0809i	1.6485-3.9575i	-0.1082+0.2026i	0.6198-1.4706i	-0.6355-0.5314i	0.4509+0.2082i
69.4	-1.9407-1.5924i	2.2794+0.3043i	-2.7368-3.9712i	1.4453-4.2354i	-0.1417+0.3487i	0.5665-1.5919i	-0.6987-0.4523i	0.4931+0.2171i
69.5	-1.9438-1.3956i	2.1530+0.2701i	-3.2487-3.6039i	1.1439-4.3010i	0.0044+0.5121i	0.3454-1.6061i	-0.7270-0.4110i	0.6012+0.2613i
69.6	-2.0063-1.1505i	2.0864+0.2278i	-3.6091-3.1358i	0.7651-4.1025i	0.1818+0.5584i	0.1298-1.4745i	-0.7819-0.3591i	0.7265+0.2493i
69.7	-2.2452-0.9348i	2.0932+0.0863i	-4.2940-3.0662i	0.5218-4.0210i	0.3031+0.7085i	-0.0327-1.4532i	-0.9427-0.2333i	0.8914+0.2806i
69.8	-2.2959-0.5128i	2.0816-0.0013i	-4.6678-2.4086i	0.2016-3.9507i	0.6135+0.7650i	-0.0402-1.3928i	-1.0088-0.0543i	1.0579+0.2063i
69.9	-2.5899-0.3410i	2.1233-0.0825i	-5.4973-2.4289i	0.0971-4.0890i	0.9201+0.8169i	-0.1266-1.4524i	-1.0881+0.1290i	1.2812+0.1508i
70.0	-2.5430-0.1962i	2.1286-0.1072i	-5.6000-2.1897i	0.0567-4.1146i	1.1309+0.5885i	-0.1004-1.5122i	-1.0920+0.2501i	1.4286+0.0148i
70.1	-2.4362+0.1528i	2.1735-0.1950i	-5.6071-1.7262i	-0.1339-3.9618i	1.2193+0.3366i	-0.1567-1.5456i	-1.0523+0.3671i	1.4757-0.1885i
70.2	-2.2451+0.7108i	2.1604-0.2881i	-5.8146-0.9378i	-0.6054-3.9618i	1.3701+0.0208i	-0.3077-1.5673i	-1.0104+0.5335i	1.5535-0.4778i
70.3	-1.8549+0.9231i	2.0520-0.2972i	-5.6838-0.4868i	-0.5835-3.7828i	1.3123-0.2011i	-0.3896-1.5525i	-0.9231+0.6667i	1.5004-0.6681i
70.4	-1.5197+1.1719i	2.0097-0.2319i	-5.7122+0.0656i	-0.5239-3.6529i	1.2770-0.4099i	-0.4861-1.4929i	-0.8927+0.7982i	1.5388-0.8742i
70.5	-1.1717+1.5967i	1.9192-0.4329i	-6.2367+0.8771i	-0.8230-3.3112i	1.2877-0.6199i	-0.7040-1.3876i	-0.7936+1.0079i	1.5252-1.1406i
70.6	-0.7443+1.7611i	1.8187-0.5759i	-6.3068+1.5591i	-0.9231-3.1387i	1.2185-0.7750i	-0.8477-1.2539i	-0.6372+1.1531i	1.4234-1.3381i
70.7	-0.1677+1.6614i	1.8246-0.5348i	-6.0316+2.2179i	-0.7970-3.0829i	1.0926-0.9864i	-0.8982-1.1310i	-0.4625+1.3135i	1.2963-1.5880i
70.8	0.0534+1.5268i	1.8834-0.5175i	-6.2793+2.5106i	-0.9249-3.0630i	1.0647-1.1048i	-0.9975-1.0900i	-0.3557+1.5099i	1.2634-1.8041i
70.9	0.6515+0.8426i	1.8077-0.4643i	-5.2544+2.7792i	-0.6982-2.9865i	0.7840-1.2074i	-0.8417-0.9315i	-0.1339+1.4832i	0.9615-1.9057i
71.0	0.9633+0.6193i	1.7259-0.4987i	-4.9028+3.3789i	-0.6978-2.8951i	0.6506-1.3331i	-0.7866-0.7994i	0.1598+1.5178i	0.7185-2.0743i
71.1	0.9919+0.3511i	1.6608-0.6481i	-4.8190+3.7073i	-0.9113-2.8270i	0.5126-1.3472i	-0.7821-0.7149i	0.3969+1.4876i	0.4754-2.1280i
71.2	1.1465-0.2268i	1.5950-0.5817i	-4.1821+4.2037i	-0.7929-2.8898i	0.2861-1.3993i	-0.6844-0.6682i	0.7596+1.3267i	0.1127-2.1126i
71.3	0.9855-0.2255i	1.5286-0.6096i	-4.3402+4.6878i	-0.8515-2.7804i	0.2493-1.4176i	-0.6625-0.6327i	1.0342+1.3122i	-0.0641-2.1671i
71.4	0.8577-0.5360i	1.3951-0.7097i	-3.9808+4.8235i	-0.9435-2.7126i	0.0728-1.3767i	-0.6724-0.7071i	1.1640+1.1184i	-0.2860-2.0694i
71.5	1.0095-0.9211i	1.3327-0.6537i	-3.4416+5.3651i	-0.8099-2.7970i	-0.1025-1.4725i	-0.6626-0.8082i	1.3709+0.8866i	-0.5388-2.0445i
71.6	0.7572-0.8407i	1.2124-0.7705i	-3.4168+5.7619i	-0.9667-2.5461i	-0.1882-1.4296i	-0.8159-0.8446i	1.5657+0.7424i	-0.7286-1.9631i
71.7	0.4671-0.9113i	1.2013-0.7610i	-3.0934+5.9519i	-1.0951-2.5484i	-0.2850-1.3518i	-0.9230-0.8158i	1.6143+0.5280i	-0.8531-1.8304i
71.8	0.3142-1.2288i	1.1905-0.6409i	-2.3457+6.2634i	-1.1434-2.7411i	-0.4584-1.3159i	-1.0137-0.7486i	1.6650+0.1869i	-1.0429-1.6836i
71.9	0.0554-1.1482i	1.0995-0.6596i	-1.9117+6.5836i	-1.3017-2.5463i	-0.5475-1.2094i	-1.1509-0.6517i	1.6806-0.0802i	-1.1891-1.5099i
72.0	-0.0034-1.0693i	0.9646-0.6924i	-1.3784+6.7807i	-1.1888-2.3792i	-0.6337-1.1173i	-1.2157-0.5220i	1.6414-0.2937i	-1.2866-1.3343i
72.1	-0.1904-1.1314i	0.9382-0.6244i	-0.4717+6.9679i	-1.3434-2.5070i	-0.7677-1.0134i	-1.2948-0.3208i	1.5646-0.6205i	-1.4257-1.0965i
72.2	-0.3535-1.0299i	0.8731-0.6484i	0.2524+6.7156i	-1.5582-2.2766i	-0.8496-0.8519i	-1.2733-0.1749i	1.3596-0.7951i	-1.4557-0.8735i
72.3	-0.4916-1.0128i	0.8840-0.5408i	0.6843+6.8254i	-1.6732-2.3876i	-0.8860-0.7828i	-1.2740-0.0543i	1.2899-1.0126i	-1.5027-0.7119i
72.4	-0.5326-1.0546i	0.8794-0.3501i	1.2607+6.9484i	-1.7373-2.5353i	-0.8484-0.7335i	-1.2723+0.0069i	1.1393-1.2107i	-1.4679-0.5409i
72.5	-0.5336-0.9131i	0.8319-0.3009i	1.7616+6.5446i	-1.7205-2.2218i	-0.7676-0.6406i	-1.2140+0.1251i	0.8811-1.2203i	-1.3053-0.3885i
72.6	-0.5907-0.7444i	0.8038-0.2832i	2.1478+5.9863i	-1.7569-1.9230i	-0.7282-0.5751i	-1.1191+0.2780i	0.6911-1.2102i	-1.1945-0.2787i
72.7	-0.6888-0.6550i	0.8701-0.2135i	2.4862+5.8075i	-1.8757-1.8926i	-0.7357-0.5660i	-1.0553+0.4064i	0.5950-1.2800i	-1.1883-0.2035i
72.8	-0.6794-0.4688i	0.8696-0.2067i	2.6542+5.7374i	-1.8511-1.6899i	-0.7241-0.5566i	-1.0125+0.5040i	0.5557-1.2895i	-1.1887-0.1659i
72.9	-0.6395-0.4395i	0.8972-0.1641i	3.0725+5.6301i	-1.8673-1.7054i	-0.7666-0.5374i	-0.9392+0.5666i	0.4546-1.3403i	-1.1794-0.0916i
73.0	-0.6737-0.2468i	0.9010-0.2193i	3.2409+5.1048i	-1.8781-1.5185i	-0.7455-0.4724i	-0.8051+0.5866i	0.2894-1.2690i	-1.0791-0.0265i
73.1	-0.6129-0.1504i	0.9053-0.2166i	3.3771+4.9729i	-1.7732-1.4085i	-0.7332-0.4670i	-0.7128+0.6152i	0.2138-1.2889i	-1.0313+0.0133i
73.2	-0.4716-0.1876i	0.9002-0.0709i	3.7323+4.8886i	-1.5966-1.3964i	-0.7508-0.4612i	-0.6042+0.6772i	0.1266-1.3881i	-1.0190+0.1114i
73.3	-0.4800-0.1669i	0.9983-0.0345i	3.9694+4.5935i	-1.6382-1.3332i	-0.7587-0.4432i	-0.5119+0.6635i	0.0068-1.3887i	-0.9680+0.1666i
73.4	-0.4735-0.0568i	1.0703-0.1115i	4.2339+4.0135i	-1.7208-1.1512i	-0.7468-0.3800i	-0.4010+0.6595i	-0.1673-1.3607i	-0.8650+0.2741i
73.5	-0.4148-0.0253i	1.1026-0.0696i	4.4090+3.8848i	-1.6604-1.0881i	-0.7337-0.3936i	-0.3351+0.7201i	-0.2650-1.4377i	-0.8223+0.3488i
73.6	-0.3591+0.0247i	1.1860-0.0346i	4.6782+3.9566i	-1.6839-1.0421i	-0.7484-0.4648i	-0.2497+0.7958i	-0.3728-1.5368i	-0.8037+0.3943i
73.7	-0.3341+0.0021i	1.1896-0.0126i	4.5628+3.6922i	-1.5590-1.0798i	-0.7503-0.5011i	-0.1455+0.7566i	-0.4688-1.4968i	-0.7139+0.4110i
73.8	-0.2823+0.0771i	1.2148-0.1049i	4.6655+3.0947i	-1.4705-0.9563i	-0.8201-0.4601i	0.0265+0.6601i	-0.7129-1.3761i	-0.5628+0.4435i
73.9	-0.1462+0.0673i	1.2116-0.1202i	4.8764+2.7201i	-1.3944-0.8645i	-0.9299-0.4265i	0.1498+0.5696i	-0.9459-1.2964i	-0.4323+0.4954i
74.0	-0.1032+0.0014i	1.3053-0.0272i	5.0287+2.8102i	-1.2675-0.9330i	-1.0215-0.4307i	0.1934+0.4813i	-1.0959-1.2627i	-0.3633+0.4834i
74.1	-0.0375+0.1048i	1.3422-0.1265i	5.1201+2.4955i	-1.2813-0.8611i	-1.0730-0.3422i	0.2196+0.3736i	-1.2102-1.0966i	-0.2866+0.4567i
74.2	0.0057+0.0625i	1.3828-0.2037i	5.2721+1.9499i	-1.2763-0.7879i	-1.1097-0.2047i	0.2447+0.2662i	-1.3614-0.8637i	-0.1682+0.4270i
74.3	0.1021+0.0644i	1.3951-0.2488i	5.3792+1.5963i	-1.2457-0.7647i	-1.1283-0.1181i	0.2463+0.1946i	-1.4213-0.6957i	-0.1130+0.3935i
74.4	0.2607+0.0512i	1.3341-0.2626i	5.2351+1.3872i	-1.1317-0.7845i	-1.0901-0.0499i	0.2054+0.1520i	-1.3933-0.5579i	-0.0623+0.3433i
74.5	0.2940+0.0603i	1.3616-0.3302i	5.3827+1.1112i	-1.1405-0.7442i	-1.0932+0.0274i	0.2186+0.1144i	-1.4621-0.4249i	-0.0031+0.3105i
74.6	0.2661+0.1102i	1.4798-0.4726i	5.6403+0.7666i	-1.2427-0.7379i	-1.1163+0.1257i	0.2146+0.0376i	-1.5333-0.2007i	0.0424+0.2326i
74.7	0.4233+0.0001i	1.3614-0.4747i	5.4262+0.4011i	-1.0881-0.7245i	-1.0519+0.1921i	0.1573-0.0106i	-1.4371-0.0696i	0.0571+0.1946i
74.8	0.4384-0.0961i	1.3545-0.4776i	5.1893+0.0727i	-0.9588-0.6915i	-0.9929+0.2447i	0.1333-0.0523i	-1.3614+0.0909i	0.0800+0.1276i
74.9	0.4320-0.1645i	1.4727-0.5282i	5.4558-0.2567i	-1.0548-0.7343i	-0.9993+0.3129i	0.0898-0.0936i	-1.3796+0.2428i	0.1015+0.0680i

75.0	0.5557-0.2294i	1.4478-0.5674i	5.5172-0.5099i	-1.0721-0.6794i	-1.0021+0.3535i	0.0573-0.0955i	-1.3528+0.2975i	0.1088+0.0548i
75.1	0.6480-0.2257i	1.3664-0.6228i	5.2238-0.7744i	-1.0396-0.5617i	-0.9332+0.3890i	0.0101-0.0839i	-1.2558+0.3835i	0.1063+0.0170i
75.2	0.5846-0.1570i	1.3912-0.7732i	5.1922-1.0935i	-1.1098-0.5724i	-0.9040+0.4500i	-0.0231-0.0739i	-1.2016+0.5123i	0.0926-0.0413i
75.3	0.5820-0.1802i	1.3803-0.8511i	5.1421-1.3526i	-1.0885-0.5902i	-0.8758+0.5122i	-0.0384-0.0631i	-1.1514+0.6211i	0.0860-0.0892i
75.4	0.6683-0.3487i	1.2465-0.8412i	4.8862-1.7311i	-0.9853-0.5914i	-0.8017+0.5793i	-0.0551-0.0497i	-1.0510+0.6969i	0.0800-0.1014i
75.5	0.7023-0.3502i	1.2047-0.9499i	4.7106-2.1143i	-1.0148-0.5125i	-0.7500+0.6175i	-0.0610-0.0293i	-0.9652+0.8065i	0.0731-0.1366i
75.6	0.7093-0.3629i	1.2203-0.9890i	4.5313-2.2765i	-1.0377-0.5625i	-0.7110+0.6663i	-0.0627-0.0291i	-0.8684+0.8939i	0.0388-0.1821i
75.7	0.6755-0.3933i	1.1237-1.0221i	4.1221-2.4142i	-0.9700-0.4958i	-0.6129+0.6977i	-0.0570-0.0208i	-0.7119+0.9248i	-0.0008-0.2082i
75.8	0.6130-0.4776i	1.1182-0.9973i	3.9887-2.4535i	-0.9353-0.5295i	-0.5578+0.6978i	-0.0459-0.0010i	-0.6567+0.9450i	-0.0081-0.2346i
75.9	0.5782-0.5141i	1.1091-0.9721i	3.7644-2.5181i	-0.9434-0.5351i	-0.4901+0.6730i	-0.0542+0.0035i	-0.5591+0.9830i	-0.0178-0.2674i
76.0	0.7154-0.5849i	1.0722-0.9598i	3.6774-2.5383i	-0.9021-0.5365i	-0.4498+0.6686i	-0.0374-0.0126i	-0.4937+1.0033i	-0.0297-0.2937i
76.1	0.7416-0.6309i	1.0367-1.0162i	3.5112-2.7736i	-0.8998-0.5053i	-0.3877+0.6847i	-0.0304-0.0240i	-0.3834+1.0250i	-0.0636-0.2985i
76.2	0.7931-0.6900i	0.9608-1.1008i	3.3169-3.0759i	-0.8647-0.4161i	-0.3154+0.6911i	-0.0115-0.0248i	-0.2562+1.0543i	-0.1108-0.3133i
76.3	0.8497-0.6846i	0.8879-1.1201i	3.0396-3.0782i	-0.8464-0.3860i	-0.2454+0.6443i	-0.0216-0.0330i	-0.1340+1.0248i	-0.1442-0.3215i
76.4	0.7856-0.6979i	0.8345-1.0152i	2.7819-2.8494i	-0.7859-0.4962i	-0.2128+0.6083i	-0.0576-0.0358i	-0.0734+0.9492i	-0.1720-0.3139i
76.5	0.8503-0.7665i	0.8533-1.0388i	2.7950-3.0211i	-0.8382-0.5583i	-0.1824+0.6182i	-0.0770+0.0037i	0.0019+0.9463i	-0.2140-0.2986i
76.6	0.8885-0.8547i	0.8260-1.0500i	2.6620-3.1254i	-0.8456-0.5000i	-0.1436+0.5999i	-0.0692-0.0096i	0.0769+0.9221i	-0.2355-0.2863i
76.7	0.9132-0.9480i	0.7363-0.9758i	2.3726-3.0740i	-0.7765-0.4932i	-0.0872+0.5559i	-0.0608-0.0180i	0.1459+0.8736i	-0.2417-0.2827i
76.8	0.8546-1.0178i	0.7354-0.9327i	2.2430-2.9990i	-0.7140-0.5505i	-0.0449+0.5046i	-0.0636-0.0145i	0.1752+0.8232i	-0.2351-0.2764i
76.9	0.8635-1.1285i	0.6602-1.0421i	1.9999-3.1882i	-0.7534-0.5078i	0.0044+0.4555i	-0.0724-0.0069i	0.2711+0.7709i	-0.2609-0.2538i
77.0	0.9128-1.1761i	0.6566-1.1022i	1.9159-3.3480i	-0.8170-0.5370i	0.0322+0.4274i	-0.0800+0.0130i	0.3618+0.7446i	-0.3055-0.2495i
77.1	0.9177-1.3033i	0.6405-1.1182i	1.8656-3.3879i	-0.8862-0.5260i	0.0433+0.3821i	-0.0715+0.0346i	0.4057+0.6954i	-0.3311-0.2567i
77.2	0.9583-1.4053i	0.5695-1.0971i	1.8079-3.3221i	-0.8628-0.5324i	0.0475+0.3190i	-0.0727+0.0429i	0.4159+0.6077i	-0.3288-0.2413i
77.3	0.8952-1.5238i	0.5181-1.0042i	1.7288-3.2685i	-0.7498-0.5580i	0.0288+0.2601i	-0.0492+0.0338i	0.3968+0.5560i	-0.3189-0.2242i
77.4	0.9464-1.5919i	0.5622-1.0858i	1.7104-3.3812i	-0.9011-0.4346i	0.0148+0.2248i	-0.0348+0.0589i	0.4405+0.5298i	-0.3640-0.2402i
77.5	0.9186-1.6947i	0.6391-1.1835i	1.6693-3.6007i	-1.0732-0.3802i	-0.0006+0.1896i	-0.0241+0.1008i	0.5051+0.4912i	-0.4122-0.2321i
77.6	0.7726-1.9253i	0.5041-1.1391i	1.3964-3.7356i	-0.9515-0.3060i	-0.0279+0.1545i	-0.0030+0.0923i	0.5102+0.4072i	-0.4215-0.1928i
77.7	0.6288-2.0517i	0.4403-1.1107i	1.1668-3.7227i	-0.8305-0.3001i	-0.0709+0.1198i	0.0239+0.0888i	0.5018+0.3500i	-0.4384-0.1731i
77.8	0.4317-2.1278i	0.3805-1.1150i	0.8738-3.8417i	-0.7730-0.3199i	-0.1175+0.1093i	0.0378+0.0964i	0.5097+0.3039i	-0.4583-0.1474i
77.9	0.3664-2.2167i	0.3902-1.2017i	0.7402-4.0671i	-0.9326-0.2526i	-0.1764+0.1219i	0.0504+0.1262i	0.5475+0.2584i	-0.5109-0.1178i
78.0	0.2671-2.3775i	0.3427-1.2406i	0.6551-4.1148i	-0.9270-0.1725i	-0.2223+0.1322i	0.0866+0.1645i	0.5278+0.2215i	-0.5172-0.0888i
78.1	0.0410-2.2837i	0.2455-1.0457i	0.3652-3.7159i	-0.6337-0.1765i	-0.2388+0.1360i	0.1140+0.1187i	0.4681+0.1861i	-0.4720-0.0692i
78.2	-0.0593-2.3368i	0.1528-0.9692i	0.1519-3.6158i	-0.5977-0.1362i	-0.2499+0.1586i	0.1341+0.1031i	0.4603+0.1320i	-0.4753-0.0234i
78.3	-0.2660-2.2848i	0.1202-0.9646i	-0.1008-3.5689i	-0.6028-0.1877i	-0.2587+0.1980i	0.1594+0.0821i	0.4408+0.0951i	-0.4640+0.0194i
78.4	-0.3435-2.2775i	0.0176-0.9433i	-0.3570-3.5207i	-0.5014-0.1184i	-0.2579+0.2135i	0.1838+0.0513i	0.4287+0.0562i	-0.4519+0.0614i
78.5	-0.4791-2.3243i	-0.0257-0.8279i	-0.4789-3.3974i	-0.3582-0.0860i	-0.2527+0.2116i	0.1873+0.0212i	0.3776+0.0448i	-0.4087+0.0698i
78.6	-0.6388-2.2994i	-0.0596-0.7687i	-0.6318-3.4661i	-0.3644-0.2224i	-0.2631+0.2468i	0.2090+0.0104i	0.3847+0.0177i	-0.4265+0.0986i
78.7	-0.6584-2.3829i	0.0325-0.7396i	-0.4995-3.4885i	-0.2933-0.3511i	-0.2963+0.2614i	0.2252-0.0105i	0.3944+0.0370i	-0.4423+0.0799i
78.8	-0.7414-2.4548i	0.0651-0.7783i	-0.5473-3.5211i	-0.2792-0.4170i	-0.3059+0.2893i	0.2549-0.0384i	0.3960+0.0276i	-0.4506+0.0897i
78.9	-0.8911-2.5517i	0.1332-0.8380i	-0.7012-3.6959i	-0.4166-0.5384i	-0.3192+0.3184i	0.2663-0.0571i	0.4058-0.0071i	-0.4783+0.1279i
79.0	-1.2243-2.6885i	0.0191-0.8775i	-1.2145-3.8505i	-0.4760-0.5581i	-0.3147+0.3945i	0.2841-0.1062i	0.3941-0.0487i	-0.4705+0.1882i
79.1	-1.6497-2.6509i	-0.0962-0.9646i	-1.7550-3.8713i	-0.6182-0.5559i	-0.2810+0.4625i	0.2860-0.1652i	0.4014-0.0975i	-0.4615+0.2568i
79.2	-2.0500-2.2551i	-0.2785-0.9890i	-2.3947-3.5002i	-0.7863-0.3216i	-0.1771+0.5088i	0.2449-0.2290i	0.3585-0.1839i	-0.4029+0.3449i
79.3	-2.1830-1.8422i	-0.4975-0.7212i	-2.6547-2.8368i	-0.5083-0.1617i	-0.0934+0.4654i	0.1997-0.2628i	0.2692-0.1821i	-0.2948+0.3505i
79.4	-2.0676-1.4995i	-0.5394-0.5275i	-2.5622-2.2579i	-0.3352-0.1001i	-0.0493+0.4100i	0.1786-0.2708i	0.1972-0.1618i	-0.2116+0.3137i
79.5	-2.0285-1.3630i	-0.5290-0.4915i	-2.4865-2.0468i	-0.3295-0.0822i	-0.0403+0.3946i	0.1636-0.2952i	0.1742-0.1636i	-0.1950+0.3059i
79.6	-2.1623-1.1495i	-0.3980-0.2965i	-2.4831-1.7905i	-0.3300-0.2785i	-0.0356+0.3984i	0.1296-0.3050i	0.1895-0.1583i	-0.2019+0.3011i
79.7	-2.0579-0.9547i	-0.3368-0.1646i	-2.3569-1.5889i	-0.2469-0.3775i	-0.0284+0.3801i	0.1160-0.2877i	0.1804-0.1357i	-0.1828+0.2728i
79.8	-2.0982-0.7930i	-0.2267+0.0163i	-2.2557-1.3988i	-0.2152-0.5828i	-0.0364+0.3896i	0.0912-0.2839i	0.1936-0.1381i	-0.1803+0.2669i
79.9	-1.9366-0.7851i	-0.2870+0.0477i	-2.1630-1.2549i	-0.2062-0.4957i	-0.0229+0.3610i	0.0680-0.2995i	0.1550-0.1362i	-0.1488+0.2748i
80.0	-1.8746-0.7297i	-0.2445+0.0775i	-2.1163-1.1463i	-0.2352-0.5090i	-0.0065+0.3664i	0.0600-0.3091i	0.1409-0.1493i	-0.1303+0.2746i

2.1.71 Run 6 – VT000-200 – Accels 33–40

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	6.0634+0.0000i	3.5110+0.0000i	-2.8564+0.0000i	-3.2089+0.0000i	14.8240+0.0000i	3.6620+0.0000i	8.3098+0.0000i	2.2960+0.0000i
0.1	0.8114+0.5478i	0.8338-0.1848i	0.1417-0.5793i	-0.3420+0.0222i	1.6156+0.2976i	0.3810+0.7561i	0.0619+0.5000i	-0.6170+0.0719i
0.2	0.1284+0.1355i	0.1094-0.0367i	0.2428-0.2339i	0.0932-0.0053i	-0.0087+0.0093i	0.0312+0.1590i	-0.4132-0.0440i	-0.2829-0.1306i
0.3	0.1358+0.0391i	0.0950-0.0486i	0.0058-0.0112i	0.0018-0.0243i	-0.0045-0.0226i	-0.0788-0.0374i	-0.0301-0.0608i	-0.0331+0.0301i
0.4	0.0414+0.0144i	0.0144-0.1080i	-0.0387-0.0601i	-0.0186-0.0081i	0.0150-0.0053i	-0.0165-0.0187i	0.0293-0.0306i	0.0431+0.0403i
0.5	0.0019+0.0350i	0.0035-0.0495i	-0.0183-0.0608i	-0.0118-0.0072i	0.0160+0.0047i	0.0021+0.0018i	-0.0090+0.0052i	0.0127+0.0179i
0.6	-0.0060+0.0063i	-0.0055-0.0016i	0.0099+0.0023i	-0.0025-0.0016i	0.0048-0.0116i	0.0040+0.0053i	-0.0068+0.0014i	-0.0034+0.0083i
0.7	0.0030+0.0088i	-0.0024-0.0013i	0.0150+0.0037i	0.0023+0.0051i	-0.0015-0.0124i	0.0025+0.0034i	-0.0007+0.0030i	-0.0026+0.0005i
0.8	0.0077+0.0061i	-0.0012+0.0047i	-0.0074-0.0027i	-0.0018+0.0044i	0.0042+0.0021i	-0.0017+0.0049i	0.0028+0.0009i	-0.0006-0.0002i
0.9	0.0048+0.0013i	0.0036+0.0011i	-0.0118+0.0015i	-0.0008-0.0052i	0.0081+0.0083i	-0.0008+0.0002i	-0.0026+0.0007i	0.0008+0.0012i
1.0	0.0021+0.0022i	0.0040-0.0004i	-0.0075-0.0018i	-0.0017-0.0000i	0.0049+0.0079i	-0.0035-0.0009i	-0.0036+0.0022i	0.0013+0.0002i
1.1	0.0029+0.0024i	0.0075-0.0027i	-0.0042-0.0031i	-0.0003+0.0039i	0.0041+0.0022i	-0.0039-0.0026i	-0.0015-0.0003i	0.0002+0.0002i
1.2	0.0051+0.0019i	0.0090-0.0006i	-0.0011-0.0014i	0.0024-0.0004i	0.0091+0.0056i	-0.0044-0.0018i	-0.0024-0.0020i	0.0002+0.0014i
1.3	0.0027+0.0013i	0.0074-0.0008i	-0.0110-0.0022i	0.0046+0.0029i	0.0182+0.0023i	-0.0071-0.0008i	-0.0017+0.0005i	0.0004-0.0008i
1.4	0.0069-0.0015i	0.0143+0.0001i	-0.0063-0.0039i	0.0028+0.0037i	0.0197-0.0058i	-0.0077-0.0013i	-0.0028-0.0002i	-0.0015+0.0001i
1.5	0.0106-0.0062i	0.0188-0.0190i	-0.0095-0.0031i	0.0015+0.0089i	0.0332-0.0336i	-0.0092-0.0010i	-0.0041+0.0031i	-0.0007-0.0008i
1.6	0.0061-0.0085i	-0.0052-0.0321i	-0.0114-0.0009i	0.0122+0.0092i	-0.0137-0.0529i	-0.0106-0.0008i	0.0018+0.0045i	0.0001-0.0012i
1.7	0.0101-0.0014i	-0.0074-0.0075i	-0.0132-0.0001i	0.0171+0.0020i	-0.0213-0.0090i	-0.0113-0.0006i	0.0015+0.0007i	0.0010-0.0005i
1.8	0.0182-0.0034i	0.0041-0.0000i	-0.0144-0.0005i	0.0253-0.0011i	-0.0109+0.0011i	-0.0139-0.0002i	0.0019-0.0010i	0.0014-0.0003i
1.9	0.0256-0.0186i	0.0122-0.0001i	-0.0191+0.0010i	0.0351-0.0160i	0.0080-0.0080i	-0.0157+0.0033i	0.0017-0.0049i	0.0019-0.0004i
2.0	0.0161-0.0392i	0.0318-0.0039i	-0.0214+0.0019i	0.0268-0.0373i	0.0218-0.0092i	-0.0182+0.0039i	-0.0004-0.0053i	0.0023+0.0002i
2.1	0.0014-0.0404i	0.0440-0.0427i	-0.0197+0.0014i	0.0191-0.0480i	0.0126-0.0326i	-0.0170+0.0055i	-0.0016-0.0072i	0.0012-0.0033i
2.2	0.0186-0.0435i	-0.0332-0.0575i	-0.0240+0.0012i	0.0092-0.0572i	-0.0268-0.0314i	-0.0177+0.0049i	-0.0017-0.0075i	-0.0031-0.0040i
2.3	-0.0032-0.1033i	-0.0520-0.0157i	-0.0263+0.0026i	-0.0164-0.1053i	-0.0304-0.0185i	-0.0185+0.0077i	-0.0057-0.0147i	-0.0056-0.0021i
2.4	-0.1395-0.0699i	-0.0293-0.0060i	-0.0212+0.0018i	-0.1434-0.0690i	-0.0256-0.0135i	-0.0124+0.0037i	-0.0250-0.0084i	-0.0024-0.0006i
2.5	-0.0896+0.0348i	-0.0217-0.0041i	-0.0251-0.0017i	-0.0920+0.0327i	-0.0196-0.0064i	-0.0187-0.0049i	-0.0161+0.0070i	-0.0012-0.0001i
2.6	-0.0187+0.0348i	-0.0172-0.0019i	-0.0292-0.0026i	-0.0196+0.0363i	-0.0187-0.0004i	-0.0274-0.0051i	-0.0059+0.0047i	0.0005-0.0001i
2.7	-0.0126+0.0133i	-0.0157-0.0018i	-0.0338-0.0016i	-0.0134+0.0138i	-0.0133+0.0035i	-0.0287-0.0024i	-0.0066+0.0017i	0.0001-0.0010i
2.8	-0.0154+0.0042i	-0.0146-0.0017i	-0.0390-0.0031i	-0.0135+0.0051i	-0.0174+0.0028i	-0.0316-0.0015i	-0.0072+0.0013i	-0.0020+0.0003i
2.9	-0.0156+0.0013i	-0.0154-0.0032i	-0.0412-0.0041i	-0.0137+0.0030i	-0.0175+0.0010i	-0.0343-0.0033i	-0.0080+0.0008i	-0.0035-0.0012i
3.0	-0.0160+0.0014i	-0.0145-0.0012i	-0.0460-0.0015i	-0.0168+0.0022i	-0.0192-0.0078i	-0.0360-0.0032i	-0.0073+0.0001i	-0.0031+0.0014i
3.1	-0.0179+0.0016i	-0.0131-0.0028i	-0.0516-0.0012i	-0.0179+0.0011i	-0.0192+0.0004i	-0.0401-0.0037i	-0.0091-0.0048i	-0.0015+0.0024i
3.2	-0.0171-0.0000i	-0.0124-0.0027i	-0.0539-0.0045i	-0.0204-0.0008i	-0.0102+0.0129i	-0.0469-0.0065i	-0.0081-0.0049i	0.0003-0.0003i
3.3	-0.0198+0.0034i	-0.0116+0.0009i	-0.0553-0.0027i	-0.0246+0.0032i	-0.0134+0.0070i	-0.0492-0.0060i	-0.0086+0.0010i	0.0022+0.0017i
3.4	-0.0214+0.0162i	-0.0085-0.0018i	-0.0652-0.0051i	-0.0235+0.0110i	-0.0155-0.0056i	-0.0556-0.0032i	-0.0151+0.0023i	0.0020+0.0060i
3.5	-0.0079+0.0149i	-0.0106-0.0061i	-0.0701-0.0011i	-0.0181+0.0177i	-0.0178-0.0061i	-0.0570-0.0025i	-0.0128+0.0017i	0.0018-0.0012i
3.6	0.0032+0.0118i	-0.0149-0.0028i	-0.0745+0.0007i	0.0004+0.0136i	-0.0075+0.0100i	-0.0651+0.0010i	-0.0106-0.0025i	0.0008+0.0011i
3.7	-0.0190-0.0101i	-0.0103+0.0023i	-0.0756+0.0031i	-0.0208-0.0078i	0.0060-0.0086i	-0.0631+0.0059i	-0.0215-0.0015i	0.0099-0.0041i
3.8	-0.0170-0.0027i	-0.0094+0.0020i	-0.0793+0.0014i	-0.0190-0.0024i	-0.0095+0.0012i	-0.0668+0.0017i	-0.0207-0.0006i	0.0023-0.0057i
3.9	-0.0166-0.0024i	-0.0097+0.0001i	-0.0832+0.0000i	-0.0181-0.0026i	-0.0113+0.0001i	-0.0704+0.0012i	-0.0208+0.0005i	0.0010-0.0014i
4.0	-0.0168-0.0024i	-0.0109-0.0008i	-0.0877-0.0013i	-0.0183-0.0025i	-0.0132-0.0017i	-0.0742+0.0004i	-0.0214+0.0012i	0.0041+0.0011i
4.1	-0.0162-0.0026i	-0.0111+0.0011i	-0.0935-0.0020i	-0.0185-0.0031i	-0.0141+0.0007i	-0.0795-0.0006i	-0.0209+0.0011i	0.0074-0.0010i
4.2	-0.0155-0.0024i	-0.0110+0.0011i	-0.1002-0.0031i	-0.0201-0.0032i	-0.0129+0.0034i	-0.0855-0.0011i	-0.0221+0.0010i	0.0074-0.0042i
4.3	-0.0158-0.0019i	-0.0116+0.0012i	-0.1076-0.0034i	-0.0208-0.0022i	-0.0124+0.0022i	-0.0910-0.0011i	-0.0236+0.0029i	0.0098-0.0089i
4.4	-0.0165-0.0025i	-0.0126+0.0033i	-0.1148-0.0029i	-0.0214-0.0012i	-0.0136+0.0043i	-0.0974-0.0015i	-0.0232+0.0047i	0.0124-0.0177i
4.5	-0.0183-0.0018i	-0.0127+0.0058i	-0.1221-0.0025i	-0.0227+0.0026i	-0.0118+0.0095i	-0.1038-0.0023i	-0.0228+0.0032i	0.0106-0.0287i
4.6	-0.0187-0.0028i	-0.0120+0.0083i	-0.1312-0.0044i	-0.0205+0.0032i	-0.0119+0.0110i	-0.1089-0.0013i	-0.0250+0.0009i	0.0057-0.0419i
4.7	-0.0197-0.0016i	-0.0068+0.0152i	-0.1404-0.0048i	-0.0188+0.0003i	-0.0085+0.0210i	-0.1174-0.0014i	-0.0252-0.0052i	-0.0241-0.0755i
4.8	-0.0178-0.0019i	0.0044+0.0166i	-0.1482-0.0030i	-0.0170-0.0020i	0.0054+0.0123i	-0.1230-0.0024i	-0.0353-0.0063i	-0.0926-0.0818i
4.9	-0.0175-0.0018i	0.0132+0.0037i	-0.1560-0.0028i	-0.0178+0.0002i	0.0049+0.0019i	-0.1285-0.0032i	-0.0459-0.0072i	-0.1485+0.0039i
5.0	-0.0175-0.0050i	-0.0020-0.0120i	-0.1705-0.0081i	-0.0178+0.0025i	-0.0027-0.0171i	-0.1441-0.0087i	-0.0571+0.0060i	-0.0421+0.1001i
5.1	-0.0162-0.0044i	-0.0062-0.0090i	-0.1840-0.0104i	-0.0163+0.0050i	-0.0008-0.0092i	-0.1560-0.0104i	-0.0609+0.0098i	-0.0216+0.0832i
5.2	-0.0113-0.0037i	-0.0080-0.0098i	-0.2005-0.0092i	-0.0052+0.0097i	-0.0039-0.0082i	-0.1721-0.0105i	-0.0802+0.0226i	-0.0012+0.0912i
5.3	-0.0119-0.0163i	-0.0090-0.0082i	-0.2151+0.0019i	0.0093-0.0100i	-0.0119-0.0029i	-0.1831+0.0013i	-0.0693+0.0675i	-0.0020+0.0703i
5.4	-0.0137-0.0277i	-0.0064-0.0076i	-0.2214+0.0080i	0.0107-0.0337i	-0.0150+0.0011i	-0.1853+0.0095i	-0.0399+0.1015i	-0.0309+0.0806i
5.5	-0.0222-0.0291i	-0.0084-0.0137i	-0.2311+0.0086i	-0.0137-0.0523i	-0.0236-0.0053i	-0.1916+0.0104i	0.0139+0.0958i	0.0669+0.1838i
5.6	-0.0484-0.0103i	-0.0242-0.0012i	-0.2478+0.0059i	-0.0587-0.0228i	-0.0544+0.0140i	-0.2025+0.0033i	0.0506-0.0372i	0.2702-0.0697i

5.7	-0.0410+0.0021i	-0.0117+0.0174i	-0.2753+0.0008i	-0.0582+0.0019i	-0.0207+0.0292i	-0.2204-0.0067i	0.0124-0.0708i	0.0790-0.2891i
5.8	-0.0304+0.0062i	0.0005+0.0162i	-0.2941+0.0072i	-0.0405+0.0096i	-0.0031+0.0176i	-0.2375-0.0031i	-0.0174-0.0652i	-0.0617-0.2642i
5.9	-0.0251+0.0073i	0.0121+0.0146i	-0.3110+0.0062i	-0.0320+0.0106i	0.0045+0.0158i	-0.2562-0.0044i	-0.0553-0.0614i	-0.2288-0.1910i
6.0	-0.0221+0.0021i	0.0223-0.0016i	-0.3334+0.0013i	-0.0245+0.0082i	0.0110+0.0022i	-0.2719-0.0044i	-0.0706-0.0282i	-0.3342+0.0347i
6.1	-0.0227+0.0038i	0.0132-0.0142i	-0.3643+0.0076i	-0.0203+0.0070i	0.0011-0.0108i	-0.2888-0.0004i	-0.0528-0.0405i	-0.1885+0.1777i
6.2	-0.0191+0.0095i	0.0017-0.0182i	-0.3951+0.0096i	-0.0147+0.0094i	-0.0047-0.0180i	-0.3070-0.0020i	-0.0641-0.0742i	-0.0263+0.2064i
6.3	-0.0122+0.0105i	-0.0051-0.0152i	-0.4281+0.0138i	-0.0076+0.0074i	-0.0121-0.0139i	-0.3278-0.0017i	-0.0936-0.0850i	0.0535+0.1497i
6.4	-0.0021+0.0093i	-0.0053-0.0111i	-0.4684+0.0330i	0.0033+0.0061i	-0.0115-0.0061i	-0.3515+0.0063i	-0.1339-0.0834i	0.0418+0.0865i
6.5	0.0084+0.0084i	-0.0074-0.0105i	-0.5115+0.0440i	0.0157+0.0046i	-0.0152-0.0036i	-0.3743+0.0107i	-0.1770-0.0745i	0.0383+0.0713i
6.6	0.0199+0.0055i	-0.0083-0.0081i	-0.5592+0.0573i	0.0303-0.0007i	-0.0177-0.0044i	-0.3927+0.0136i	-0.2000-0.0598i	0.0329+0.0482i
6.7	0.0399+0.0041i	-0.0063-0.0054i	-0.6214+0.0719i	0.0530-0.0037i	-0.0144-0.0028i	-0.4162+0.0121i	-0.2423-0.0551i	-0.0054+0.0555i
6.8	0.0689-0.0057i	-0.0034-0.0061i	-0.7144+0.1099i	0.0882-0.0156i	-0.0126-0.0011i	-0.4451+0.0161i	-0.2987-0.0241i	-0.0203+0.1313i
6.9	0.1072-0.0250i	0.0004-0.0096i	-0.8256+0.1858i	0.1362-0.0428i	-0.0123+0.0004i	-0.4706+0.0139i	-0.3552+0.0140i	0.0046+0.2143i
7.0	0.1594-0.0822i	0.0005-0.0166i	-0.9446+0.3643i	0.2004-0.1215i	-0.0156+0.0001i	-0.5030+0.0051i	-0.4397+0.0812i	0.1255+0.2468i
7.1	0.1794-0.2570i	-0.0099-0.0214i	-0.8941+0.7746i	0.2061-0.3448i	-0.0101+0.0051i	-0.5678-0.0037i	-0.5258+0.3541i	0.2748+0.2048i
7.2	0.0329-0.4186i	-0.0169-0.0122i	-0.4838+0.9983i	0.0055-0.5270i	-0.0087+0.0090i	-0.6263+0.0126i	-0.2993+0.6605i	0.3107+0.1912i
7.3	-0.1336-0.4142i	-0.0080-0.0109i	-0.1878+0.8428i	-0.1954-0.5082i	-0.0000+0.0005i	-0.6829-0.0071i	0.0102+0.6083i	0.6793+0.0856i
7.4	-0.2594-0.3175i	-0.0111-0.0195i	-0.0698+0.5592i	-0.3488-0.3842i	-0.0047-0.0091i	-0.7943+0.0050i	0.1265+0.3862i	0.6865-0.4903i
7.5	-0.2838-0.2229i	-0.0191-0.0162i	-0.1496+0.3639i	-0.3767-0.2599i	-0.0120-0.0122i	-0.8524+0.0719i	0.0861+0.2852i	0.2335-0.6165i
7.6	-0.2736-0.1606i	-0.0186-0.0108i	-0.3060+0.2569i	-0.3543-0.1768i	-0.0167-0.0102i	-0.8954+0.1285i	0.0424+0.2440i	-0.0619-0.4370i
7.7	-0.2638-0.1401i	-0.0164-0.0099i	-0.4033+0.2350i	-0.3385-0.1506i	-0.0176-0.0099i	-0.9437+0.1494i	0.0195+0.2350i	-0.1004-0.3340i
7.8	-0.2588-0.1222i	-0.0161-0.0102i	-0.5309+0.2107i	-0.3300-0.1268i	-0.0159-0.0107i	-1.0354+0.1606i	-0.0098+0.2400i	-0.1523-0.2553i
7.9	-0.2673-0.1245i	-0.0190-0.0120i	-0.6319+0.2236i	-0.3396-0.1265i	-0.0167-0.0126i	-1.1395+0.1879i	-0.0141+0.2640i	-0.1721-0.1723i
8.0	-0.2886-0.1196i	-0.0212-0.0106i	-0.7389+0.2467i	-0.3632-0.1192i	-0.0208-0.0124i	-1.2626+0.2431i	-0.0079+0.2936i	-0.1548-0.1308i
8.1	-0.3106-0.1025i	-0.0212-0.0082i	-0.8437+0.2879i	-0.3860-0.0985i	-0.0239-0.0109i	-1.3682+0.3227i	0.0092+0.3280i	-0.1685-0.0984i
8.2	-0.3288-0.0917i	-0.0219-0.0082i	-0.9584+0.3428i	-0.4070-0.0843i	-0.0299-0.0141i	-1.4993+0.4083i	0.0460+0.3479i	-0.1494-0.0344i
8.3	-0.3587-0.0857i	-0.0248-0.0087i	-1.0929+0.3983i	-0.4419-0.0733i	-0.0359-0.0157i	-1.6595+0.4988i	0.0855+0.3718i	-0.1167+0.0177i
8.4	-0.3891-0.0729i	-0.0272-0.0067i	-1.2300+0.4846i	-0.4768-0.0543i	-0.0420-0.0133i	-1.8247+0.6272i	0.1342+0.3804i	-0.1058+0.0244i
8.5	-0.4269-0.0429i	-0.0280-0.0021i	-1.3838+0.6260i	-0.5179-0.0147i	-0.0451-0.0114i	-2.0106+0.8284i	0.1992+0.3680i	-0.0995+0.0371i
8.6	-0.4517-0.0199i	-0.0265+0.0012i	-1.5206+0.7561i	-0.5479+0.0147i	-0.0471-0.0093i	-2.1790+1.0104i	0.2410+0.3473i	-0.1025+0.0771i
8.7	-0.4913+0.0199i	-0.0228+0.0041i	-1.8177+0.9890i	-0.5960+0.0632i	-0.0478-0.0034i	-2.5513+1.3366i	0.3054+0.3147i	-0.0642+0.2073i
8.8	-0.5272+0.0835i	-0.0225+0.0038i	-1.9627+1.3647i	-0.6364+0.1465i	-0.0497+0.0022i	-2.7227+1.8485i	0.3658+0.2624i	0.1376+0.3197i
8.9	-0.5818+0.1678i	-0.0275+0.0092i	-2.2082+1.8561i	-0.6990+0.2525i	-0.0640+0.0192i	-3.0267+2.5174i	0.4288+0.1458i	0.6786+0.2634i
9.0	-0.5963+0.3072i	-0.0235+0.0249i	-2.1944+2.6053i	-0.7083+0.4207i	-0.0655+0.0450i	-2.9743+3.5276i	0.3588-0.0007i	0.7815-0.5028i
9.1	-0.5792+0.3771i	-0.0101+0.0295i	-2.1303+3.0390i	-0.6872+0.5065i	-0.0475+0.0518i	-2.8479+4.0942i	0.2614+0.0792i	0.2160-0.7235i
9.2	-0.6257+0.5572i	0.0038+0.0310i	-2.2879+4.2851i	-0.7353+0.7386i	-0.0406+0.0656i	-3.0329+5.7339i	0.3696+0.1187i	0.0621-0.5493i
9.3	-0.4521+0.8280i	0.0229+0.0270i	-0.9568+5.8675i	-0.5040+1.0703i	-0.0152+0.0794i	-1.2377+7.8248i	0.4059-0.0207i	-0.0141-0.7439i
9.4	-0.0086+0.8741i	0.0376+0.0042i	1.9521+5.8017i	0.0568+1.1094i	0.0331+0.0601i	2.6445+7.6980i	0.3054-0.1452i	-0.4977-0.8339i
9.5	0.1842+0.6734i	0.0317-0.0133i	3.0418+4.3324i	0.2919+0.8488i	0.0417+0.0266i	4.0841+5.7257i	0.2017-0.1534i	-0.7928-0.5668i
9.6	0.2329+0.4781i	0.0249-0.0254i	3.1938+3.0391i	0.3473+0.5996i	0.0394+0.0041i	4.2771+3.9978i	0.1330-0.1152i	-0.8594-0.2345i
9.7	0.2413+0.3212i	0.0183-0.0340i	3.1185+2.0351i	0.3495+0.4012i	0.0335-0.0098i	4.1700+2.6565i	0.0946-0.0712i	-0.8654+0.0675i
9.8	0.1843+0.2293i	0.0094-0.0383i	2.7213+1.4953i	0.2770+0.2886i	0.0288-0.0155i	3.6397+1.9425i	0.0958-0.0373i	-0.7164+0.2904i
9.9	0.1449+0.1740i	0.0013-0.0413i	2.4659+1.1622i	0.2269+0.2214i	0.0195-0.0229i	3.3004+1.4992i	0.0993-0.0202i	-0.5497+0.4391i
10.0	0.1066+0.1401i	-0.0072-0.0406i	2.2187+0.9486i	0.1793+0.1777i	0.0063-0.0244i	2.9746+1.2160i	0.1054-0.0162i	-0.3636+0.4956i
10.1	0.0776+0.1139i	-0.0093-0.0428i	2.0164+0.7951i	0.1436+0.1445i	-0.0025-0.0289i	2.7104+1.0117i	0.1104-0.0207i	-0.2119+0.4840i
10.2	0.0454+0.1002i	-0.0124-0.0451i	1.8284+0.7413i	0.1055+0.1272i	-0.0083-0.0349i	2.4659+0.9344i	0.1058-0.0286i	-0.1291+0.4160i
10.3	0.0231+0.0935i	-0.0145-0.0440i	1.7163+0.7426i	0.0771+0.1191i	-0.0068-0.0274i	2.3146+0.9263i	0.0907-0.0391i	-0.0913+0.3582i
10.4	0.0115+0.0880i	-0.0194-0.0462i	1.6921+0.7388i	0.0618+0.1127i	-0.0087-0.0291i	2.2706+0.9200i	0.0720-0.0398i	-0.0683+0.3490i
10.5	0.0025+0.0780i	-0.0265-0.0480i	1.6996+0.6865i	0.0482+0.1022i	-0.0173-0.0370i	2.2733+0.8630i	0.0573-0.0282i	-0.0145+0.3531i
10.6	-0.0088+0.0679i	-0.0316-0.0508i	1.6909+0.5980i	0.0362+0.0884i	-0.0237-0.0434i	2.2674+0.7595i	0.0525-0.0168i	0.0626+0.3187i
10.7	-0.0203+0.0546i	-0.0359-0.0516i	1.6615+0.5050i	0.0234+0.0747i	-0.0294-0.0421i	2.2358+0.6451i	0.0467-0.0132i	0.1048+0.2611i
10.8	-0.0397+0.0471i	-0.0414-0.0509i	1.5858+0.4261i	0.0009+0.0659i	-0.0352-0.0429i	2.1448+0.5433i	0.0410-0.0055i	0.0821+0.2053i
10.9	-0.0559+0.0418i	-0.0493-0.0500i	1.5135+0.3650i	-0.0173+0.0593i	-0.0380-0.0430i	2.0577+0.4647i	0.0382-0.0007i	0.0461+0.2047i
11.0	-0.0702+0.0361i	-0.0519-0.0500i	1.4605+0.3285i	-0.0361+0.0529i	-0.0412-0.0399i	1.9937+0.4194i	0.0388+0.0048i	0.0009+0.2259i
11.1	-0.0848+0.0335i	-0.0578-0.0494i	1.4158+0.3026i	-0.0517+0.0494i	-0.0506-0.0402i	1.9430+0.3896i	0.0364+0.0104i	0.0011+0.2459i
11.2	-0.0983+0.0317i	-0.0638-0.0496i	1.3806+0.2838i	-0.0671+0.0475i	-0.0612-0.0411i	1.9043+0.3677i	0.0328+0.0115i	0.0247+0.2956i
11.3	-0.1126+0.0301i	-0.0701-0.0460i	1.3467+0.2643i	-0.0840+0.0443i	-0.0697-0.0361i	1.8678+0.3446i	0.0296+0.0125i	0.0726+0.3132i
11.4	-0.1309+0.0289i	-0.0763-0.0415i	1.3092+0.2452i	-0.1037+0.0429i	-0.0750-0.0299i	1.8328+0.3208i	0.0250+0.0155i	0.1821+0.3140i
11.5	-0.1445+0.0266i	-0.0831-0.0397i	1.2832+0.2338i	-0.1178+0.0414i	-0.0816-0.0286i	1.8093+0.3060i	0.0187+0.0180i	0.2478+0.3266i
11.6	-0.1597+0.0234i	-0.0889-0.0367i	1.2570+0.2249i	-0.1365+0.0401i	-0.0902-0.0313i	1.7857+0.2929i	0.0105+0.0214i	0.3516+0.3024i
11.7	-0.1764+0.0212i	-0.0941-0.0338i	1.2306+0.2122i	-0.1588+0.0366i	-0.0937-0.0253i	1.7590+0.2726i	0.0036+0.0245i	0.3877+0.2198i
11.8	-0.1927+0.0235i	-0.0965-0.0295i	1.2099+0.2136i	-0.1757+0.0384i	-0.0954-0.0222i	1.7393+0.2729i	-0.0018+0.0312i	0.3831+0.1674i
11.9	-0.2099+0.0269i	-0.1020-0.0259i	1.1928+0.2155i	-0.1950+0.0412i	-0.1026-0.0139i	1.7261+0.2716i	-0.0067+0.0396i	0.3960+0.1174i

12.0	-0.2267+0.0262i	-0.1053-0.0233i	1.1768+0.2224i	-0.2153+0.0436i	-0.1053-0.0153i	1.7124+0.2782i	-0.0116+0.0454i	0.4163+0.0754i
12.1	-0.2493+0.0259i	-0.1091-0.0219i	1.1674+0.2383i	-0.2403+0.0475i	-0.1069-0.0155i	1.7097+0.2985i	-0.0199+0.0527i	0.4308+0.0363i
12.2	-0.2705+0.0256i	-0.1161-0.0202i	1.1677+0.2565i	-0.2648+0.0493i	-0.1223-0.0104i	1.7149+0.3173i	-0.0305+0.0658i	0.4479+0.0339i
12.3	-0.2910+0.0267i	-0.1216-0.0223i	1.1804+0.2834i	-0.2900+0.0538i	-0.1344-0.0206i	1.7266+0.3476i	-0.0358+0.0788i	0.4898+0.0141i
12.4	-0.3148+0.0300i	-0.1269-0.0229i	1.2126+0.3165i	-0.3181+0.0616i	-0.1391-0.0176i	1.7571+0.3885i	-0.0412+0.0971i	0.5951-0.0044i
12.5	-0.3395+0.0327i	-0.1293-0.0259i	1.2696+0.3345i	-0.3435+0.0708i	-0.1418-0.0284i	1.8108+0.4192i	-0.0425+0.1089i	0.7508-0.0732i
12.6	-0.3664+0.0284i	-0.1357-0.0339i	1.3420+0.3429i	-0.3746+0.0776i	-0.1522-0.0365i	1.8821+0.4582i	-0.0428+0.1202i	0.8853-0.2158i
12.7	-0.4013+0.0269i	-0.1574-0.0597i	1.4374+0.3112i	-0.4072+0.0930i	-0.1709-0.0492i	1.9830+0.4829i	-0.0427+0.1358i	0.9981-0.5694i
12.8	-0.4358+0.0282i	-0.1874-0.0856i	1.5211+0.2693i	-0.4382+0.1121i	-0.2110-0.0677i	2.0832+0.5090i	-0.0400+0.1356i	1.0661-1.0281i
12.9	-0.4838+0.0266i	-0.2494-0.1044i	1.6004+0.2059i	-0.4754+0.1290i	-0.2813-0.0837i	2.2283+0.5269i	-0.0584+0.1425i	0.8213-1.5736i
13.0	-0.5439+0.0279i	-0.3483-0.1110i	1.6679+0.1103i	-0.5129+0.1480i	-0.3877-0.0822i	2.3895+0.4948i	-0.0809+0.1567i	0.2862-1.9570i
13.1	-0.6189+0.0328i	-0.4727-0.0830i	1.7213+0.0081i	-0.5584+0.1647i	-0.5262-0.0416i	2.5480+0.4393i	-0.1102+0.1873i	-0.2980-2.0470i
13.2	-0.7223+0.0393i	-0.6496-0.0053i	1.7814-0.0992i	-0.6227+0.1800i	-0.7093+0.0499i	2.7151+0.3944i	-0.1428+0.2476i	-0.9316-2.0535i
13.3	-0.8224+0.0718i	-0.7911+0.1411i	1.8154-0.2035i	-0.6838+0.2087i	-0.8535+0.2088i	2.8509+0.3621i	-0.1548+0.3166i	-1.4653-1.9847i
13.4	-0.9491+0.1647i	-0.9096+0.4562i	1.8321-0.3634i	-0.7647+0.2665i	-0.9633+0.5614i	3.0552+0.3272i	-0.1289+0.3939i	-2.0915-1.6607i
13.5	-1.0893+0.2941i	-0.8833+0.9548i	1.7759-0.5434i	-0.8643+0.3308i	-0.9190+1.1142i	3.3843+0.3483i	-0.0764+0.4820i	-2.8310-1.0817i
13.6	-1.1797+0.4747i	-0.5065+1.4634i	1.6256-0.6520i	-0.9571+0.4317i	-0.4811+1.6522i	3.8662+0.2689i	0.0170+0.5602i	-3.3536-0.0405i
13.7	-1.2241+0.6696i	0.3452+1.6339i	1.4870-0.5399i	-1.0698+0.5580i	0.4776+1.7912i	4.6211-0.0809i	0.1570+0.5628i	-3.2769+1.5973i
13.8	-1.2761+0.7861i	0.8059+1.3375i	1.5965-0.4276i	-1.1750+0.6751i	0.9774+1.4399i	5.1000-0.6144i	0.1930+0.5286i	-2.5448+2.4755i
13.9	-1.4124+0.9554i	1.1523+0.8848i	1.8887-0.3939i	-1.3625+0.8622i	1.3328+0.9306i	5.7009-1.3985i	0.2007+0.5077i	-1.4188+2.9606i
14.0	-1.6442+1.3110i	1.3198+0.4150i	2.3526-0.5911i	-1.6217+1.2451i	1.4939+0.3874i	6.4128-2.6236i	0.2128+0.5522i	-0.2456+3.1482i
14.1	-1.6987+1.8238i	1.2875+0.0577i	2.6523-1.0787i	-1.6765+1.7826i	1.4315-0.0164i	6.5915-4.1443i	0.2634+0.6354i	0.5928+2.9257i
14.2	-1.2486+2.9481i	1.0538-0.5128i	2.6320-2.4065i	-1.2106+2.9324i	1.1251-0.6322i	5.4790-7.4230i	0.4779+0.7208i	1.5549+2.1426i
14.3	-0.1048+3.4292i	0.6312-0.7499i	1.6101-3.2808i	-0.0486+3.4105i	0.6478-0.8528i	2.3570-9.0027i	0.6943+0.6311i	1.9793+1.1664i
14.4	1.2841+2.9019i	0.1114-0.6386i	0.0349-3.1449i	1.3492+2.8705i	0.0896-0.7045i	-1.5837-7.8287i	0.8331+0.3977i	1.7047+0.4030i
14.5	1.6621+2.1225i	-0.0519-0.4199i	-0.5263-2.4522i	1.7212+2.0759i	-0.0842-0.4442i	-2.7241-5.8102i	0.8164+0.2439i	1.2152+0.4452i
14.6	1.6505+1.5100i	-0.0749-0.2572i	-0.6314-1.9096i	1.7040+1.4566i	-0.1059-0.2642i	-2.7878-4.2783i	0.7846+0.1387i	1.4005+0.4884i
14.7	1.5642+1.1510i	-0.0615-0.1768i	-0.6846-1.6267i	1.6046+1.0939i	-0.0830-0.1680i	-2.7036-3.4271i	0.7469+0.0636i	1.8041-0.0453i
14.8	1.4268+0.8179i	-0.0524-0.1190i	-0.7581-1.2335i	1.4540+0.7694i	-0.0637-0.1053i	-2.5606-2.4992i	0.6862+0.0192i	1.2744-0.8081i
14.9	1.3245+0.6522i	-0.0406-0.0863i	-0.7346-1.0098i	1.3478+0.6105i	-0.0462-0.0711i	-2.3830-2.0338i	0.6697+0.0088i	0.7960-0.9071i
15.0	1.1855+0.5135i	-0.0238-0.0588i	-0.6524-0.8135i	1.2063+0.4769i	-0.0218-0.0427i	-2.1266-1.6371i	0.6648-0.0156i	0.4594-0.7555i
15.1	1.0721+0.4292i	-0.0145-0.0415i	-0.5873-0.6765i	1.0931+0.3945i	-0.0133-0.0265i	-1.9216-1.3616i	0.6549-0.0361i	0.2404-0.6414i
15.2	0.9822+0.3548i	-0.0031-0.0291i	-0.5319-0.5486i	1.0027+0.3231i	-0.0013-0.0118i	-1.7489-1.0937i	0.6543-0.0581i	0.0757-0.5268i
15.3	0.8990+0.3103i	0.0065-0.0174i	-0.4664-0.4587i	0.9200+0.2788i	0.0115+0.0040i	-1.5695-0.9155i	0.6586-0.0830i	0.0083-0.4027i
15.4	0.8231+0.2697i	0.0080-0.0117i	-0.3939-0.3792i	0.8452+0.2387i	0.0123+0.0079i	-1.3823-0.7542i	0.6684-0.1119i	-0.0165-0.3065i
15.5	0.7737+0.2409i	0.0090-0.0121i	-0.3381-0.3254i	0.7950+0.2127i	0.0175+0.0102i	-1.2467-0.6378i	0.6737-0.1469i	-0.0074-0.2495i
15.6	0.7190+0.2102i	0.0109-0.0079i	-0.2815-0.2789i	0.7424+0.1816i	0.0226+0.0143i	-1.1027-0.5313i	0.6865-0.1989i	-0.0139-0.2115i
15.7	0.6773+0.2014i	0.0133-0.0049i	-0.2546-0.2569i	0.6992+0.1707i	0.0270+0.0187i	-1.0170-0.4865i	0.6858-0.2401i	0.0019-0.1947i
15.8	0.6272+0.1855i	0.0161-0.0023i	-0.2184-0.2259i	0.6478+0.1520i	0.0314+0.0225i	-0.9127-0.4298i	0.7084-0.2565i	-0.0065-0.1920i
15.9	0.5948+0.1754i	0.0150-0.0018i	-0.1798-0.2087i	0.6163+0.1419i	0.0293+0.0192i	-0.8248-0.3961i	0.7277-0.2967i	-0.0257-0.2050i
16.0	0.5553+0.1704i	0.0158-0.0005i	-0.1549-0.1799i	0.5717+0.1400i	0.0339+0.0264i	-0.7601-0.3363i	0.8380-0.4331i	-0.0567-0.2122i
16.1	0.5246+0.1690i	0.0143+0.0058i	-0.1377-0.1732i	0.5381+0.1373i	0.0361+0.0356i	-0.7017-0.3071i	0.8907-0.6735i	-0.1258-0.1999i
16.2	0.5030+0.1788i	0.0198+0.0159i	-0.1205-0.1616i	0.5145+0.1433i	0.0402+0.0426i	-0.6481-0.2847i	0.6705-0.9712i	-0.1901-0.1328i
16.3	0.4928+0.1830i	0.0256+0.0216i	-0.1021-0.1486i	0.5044+0.1468i	0.0476+0.0427i	-0.6035-0.2482i	0.3314-1.0844i	-0.1992-0.0267i
16.4	0.4879+0.1760i	0.0322+0.0187i	-0.0918-0.1412i	0.4960+0.1390i	0.0572+0.0420i	-0.5555-0.2110i	0.0329-0.9536i	-0.1447+0.0426i
16.5	0.4748+0.1619i	0.0394+0.0185i	-0.0829-0.1283i	0.4768+0.1250i	0.0729+0.0480i	-0.4975-0.1842i	-0.1636-0.7617i	-0.0519+0.1036i
16.6	0.4543+0.1597i	0.0442+0.0096i	-0.0659-0.1109i	0.4538+0.1297i	0.0760+0.0371i	-0.4574-0.1681i	-0.1684-0.5714i	0.0112+0.0887i
16.7	0.4361+0.1573i	0.0470+0.0043i	-0.0567-0.1092i	0.4336+0.1299i	0.0827+0.0251i	-0.4247-0.1496i	-0.1276-0.4848i	0.0437+0.0395i
16.8	0.4236+0.1569i	0.0520+0.0029i	-0.0687-0.1162i	0.4148+0.1277i	0.0947+0.0181i	-0.3945-0.1373i	-0.1474-0.4850i	0.0460-0.0286i
16.9	0.4078+0.1574i	0.0518-0.0019i	-0.0810-0.0895i	0.3950+0.1317i	0.0956+0.0150i	-0.3659-0.1187i	-0.2180-0.3997i	0.0016-0.0269i
17.0	0.4012+0.1594i	0.0502-0.0064i	-0.0561-0.0619i	0.3898+0.1412i	0.0921+0.0048i	-0.3323-0.1075i	-0.1854-0.2688i	-0.0047-0.0055i
17.1	0.3914+0.1634i	0.0497-0.0078i	-0.0273-0.0653i	0.3814+0.1445i	0.0931-0.0003i	-0.3055-0.0876i	-0.0941-0.2559i	0.0153-0.0038i
17.2	0.3826+0.1660i	0.0465-0.0130i	-0.0423-0.0775i	0.3683+0.1479i	0.0976-0.0120i	-0.2748-0.0805i	-0.1403-0.2550i	-0.0109-0.0334i
17.3	0.3782+0.1713i	0.0404-0.0160i	-0.0389-0.0667i	0.3661+0.1585i	0.0860-0.0194i	-0.2470-0.0786i	-0.1128-0.1726i	-0.0216+0.0224i
17.4	0.3788+0.1765i	0.0396-0.0172i	-0.0362-0.0642i	0.3659+0.1653i	0.0863-0.0252i	-0.2270-0.0716i	-0.0796-0.1610i	0.0234+0.0462i
17.5	0.3790+0.1739i	0.0360-0.0178i	-0.0449-0.0627i	0.3663+0.1653i	0.0824-0.0237i	-0.2109-0.0661i	-0.0631-0.1614i	0.0564+0.0126i
17.6	0.3802+0.1725i	0.0343-0.0184i	-0.0543-0.0594i	0.3660+0.1658i	0.0820-0.0281i	-0.2014-0.0596i	-0.0516-0.1545i	0.0459-0.0120i
17.7	0.3821+0.1705i	0.0291-0.0185i	-0.0613-0.0504i	0.3686+0.1639i	0.0698-0.0203i	-0.1867-0.0498i	-0.0419-0.1502i	0.0234-0.0183i
17.8	0.3809+0.1666i	0.0262-0.0174i	-0.0711-0.0399i	0.3694+0.1612i	0.0610-0.0225i	-0.1692-0.0372i	-0.0380-0.1521i	0.0278-0.0121i
17.9	0.3776+0.1601i	0.0260-0.0171i	-0.0838-0.0294i	0.3658+0.1565i	0.0585-0.0270i	-0.1482-0.0340i	-0.0467-0.1524i	0.0325-0.0106i
18.0	0.3774+0.1505i	0.0248-0.0180i	-0.0931-0.0128i	0.3638+0.1494i	0.0578-0.0280i	-0.1396-0.0278i	-0.0485-0.1304i	0.0242-0.0165i
18.1	0.3737+0.1414i	0.0239-0.0170i	-0.0990+0.0093i	0.3606+0.1414i	0.0636-0.0261i	-0.1194-0.0356i	-0.0458-0.0937i	0.0251-0.0282i
18.2	0.3696+0.1345i	0.0231-0.0150i	-0.1062+0.0267i	0.3555+0.1353i	0.0607-0.0262i	-0.1128-0.0374i	-0.0439-0.0841i	0.0224-0.0242i

18.3	0.3607+0.1282i	0.0210-0.0139i	-0.1079+0.0439i	0.3461+0.1309i	0.0528-0.0315i	-0.1178-0.0470i	-0.0455-0.0635i	0.0151-0.0358i
18.4	0.3537+0.1229i	0.0198-0.0132i	-0.1036+0.0501i	0.3410+0.1248i	0.0487-0.0223i	-0.1296-0.0318i	-0.0272-0.0621i	0.0062-0.0279i
18.5	0.3434+0.1126i	0.0211-0.0153i	-0.1345+0.0673i	0.3274+0.1158i	0.0462-0.0286i	-0.1627+0.0044i	-0.0218-0.0555i	0.0025-0.0200i
18.6	0.3254+0.1087i	0.0213-0.0221i	-0.1613+0.1227i	0.3036+0.1156i	0.0419-0.0261i	-0.1382+0.0897i	-0.0238-0.0317i	0.0116-0.0150i
18.7	0.3105+0.1131i	0.0148-0.0243i	-0.1456+0.1771i	0.2875+0.1271i	0.0402-0.0242i	-0.0767+0.1186i	0.0018+0.0068i	0.0130-0.0301i
18.8	0.3041+0.1255i	0.0107-0.0180i	-0.1036+0.2030i	0.2873+0.1438i	0.0344-0.0245i	-0.0404+0.0802i	0.0400+0.0071i	-0.0080-0.0432i
18.9	0.3013+0.1305i	0.0077-0.0155i	-0.0806+0.2119i	0.2832+0.1494i	0.0322-0.0222i	-0.0280+0.0653i	0.0479+0.0002i	-0.0141-0.0353i
19.0	0.2934+0.1324i	0.0047-0.0116i	-0.0617+0.2209i	0.2770+0.1526i	0.0419-0.0112i	-0.0250+0.0695i	0.0706-0.0015i	-0.0329-0.0172i
19.1	0.2886+0.1334i	0.0032-0.0101i	-0.0486+0.2313i	0.2726+0.1553i	0.0517-0.0093i	-0.0168+0.0896i	0.0951+0.0043i	-0.0360+0.0020i
19.2	0.2835+0.1393i	0.0037-0.0038i	-0.0393+0.2386i	0.2682+0.1636i	0.0534-0.0122i	-0.0045+0.0971i	0.0989-0.0029i	-0.0231+0.0075i
19.3	0.2775+0.1456i	0.0057-0.0014i	-0.0331+0.2408i	0.2613+0.1732i	0.0530-0.0137i	0.0059+0.0903i	0.1004+0.0000i	-0.0136-0.0041i
19.4	0.2714+0.1504i	0.0006-0.0022i	-0.0334+0.2518i	0.2571+0.1811i	0.0527-0.0180i	0.0238+0.0920i	0.1194-0.0011i	-0.0150-0.0024i
19.5	0.2660+0.1602i	0.0026-0.0019i	-0.0284+0.2739i	0.2523+0.1936i	0.0595-0.0198i	0.0417+0.1002i	0.1366-0.0066i	-0.0145+0.0028i
19.6	0.2654+0.1678i	0.0062+0.0008i	-0.0134+0.2939i	0.2529+0.2065i	0.0595-0.0326i	0.0534+0.1047i	0.1593-0.0174i	-0.0171+0.0113i
19.7	0.2705+0.1737i	0.0082+0.0055i	0.0001+0.3027i	0.2595+0.2161i	0.0700-0.0327i	0.0547+0.0968i	0.1719-0.0268i	-0.0201+0.0098i
19.8	0.2686+0.1848i	0.0062+0.0084i	0.0049+0.3179i	0.2610+0.2315i	0.0645-0.0310i	0.0501+0.0833i	0.1909-0.0461i	-0.0232+0.0178i
19.9	0.2655+0.1917i	0.0065+0.0078i	0.0167+0.3347i	0.2644+0.2411i	0.0530-0.0390i	0.0487+0.0934i	0.1990-0.0693i	-0.0189+0.0244i
20.0	0.2727+0.2027i	0.0097+0.0107i	0.0398+0.3514i	0.2756+0.2509i	0.0507-0.0430i	0.0425+0.1065i	0.2062-0.0958i	-0.0154+0.0339i
20.1	0.2733+0.2087i	0.0107+0.0108i	0.0569+0.3649i	0.2843+0.2582i	0.0405-0.0370i	0.0397+0.1151i	0.1999-0.1239i	-0.0110+0.0425i
20.2	0.2752+0.2152i	0.0125+0.0128i	0.0743+0.3684i	0.2901+0.2662i	0.0382-0.0363i	0.0396+0.1198i	0.1878-0.1277i	-0.0033+0.0409i
20.3	0.2857+0.2222i	0.0149+0.0129i	0.1010+0.3650i	0.3038+0.2685i	0.0313-0.0289i	0.0396+0.1383i	0.1736-0.1303i	-0.0021+0.0384i
20.4	0.2966+0.2369i	0.0196+0.0124i	0.1202+0.3427i	0.3188+0.2793i	0.0367-0.0110i	0.0390+0.1374i	0.1651-0.1462i	0.0046+0.0461i
20.5	0.3112+0.2374i	0.0199+0.0143i	0.1216+0.3329i	0.3325+0.2797i	0.0597-0.0156i	0.0276+0.1438i	0.1604-0.1496i	0.0128+0.0461i
20.6	0.3207+0.2422i	0.0217+0.0091i	0.1199+0.3176i	0.3427+0.2784i	0.0520-0.0144i	0.0116+0.1575i	0.1588-0.1494i	0.0131+0.0513i
20.7	0.3296+0.2436i	0.0208+0.0100i	0.1031+0.3131i	0.3503+0.2798i	0.0567-0.0180i	-0.0054+0.1872i	0.1585-0.1577i	0.0189+0.0509i
20.8	0.3426+0.2415i	0.0169+0.0100i	0.0854+0.3232i	0.3592+0.2771i	0.0658-0.0216i	-0.0088+0.2243i	0.1626-0.1684i	0.0281+0.0508i
20.9	0.3561+0.2406i	0.0173+0.0089i	0.0669+0.3348i	0.3721+0.2755i	0.0653-0.0259i	-0.0162+0.2406i	0.1628-0.1724i	0.0342+0.0512i
21.0	0.3663+0.2395i	0.0210+0.0115i	0.0588+0.3551i	0.3853+0.2784i	0.0616-0.0315i	-0.0335+0.2752i	0.1481-0.1740i	0.0411+0.0469i
21.1	0.3759+0.2404i	0.0142+0.0141i	0.0491+0.3792i	0.3934+0.2771i	0.0795-0.0228i	-0.0439+0.3277i	0.1424-0.1890i	0.0424+0.0426i
21.2	0.3865+0.2313i	0.0195+0.0102i	0.0341+0.4119i	0.4051+0.2671i	0.0636-0.0300i	-0.0628+0.4041i	0.1449-0.1949i	0.0429+0.0397i
21.3	0.3921+0.2175i	0.0228+0.0092i	0.0288+0.4690i	0.4130+0.2588i	0.0524-0.0470i	-0.0562+0.5029i	0.1429-0.2039i	0.0497+0.0385i
21.4	0.3946+0.2148i	0.0205+0.0058i	0.0466+0.5354i	0.4187+0.2571i	0.0531-0.0532i	-0.0100+0.6103i	0.1215-0.2287i	0.0574+0.0379i
21.5	0.4011+0.2069i	0.0207+0.0092i	0.0935+0.5728i	0.4253+0.2503i	0.0628-0.0529i	0.0658+0.6654i	0.1023-0.2329i	0.0611+0.0287i
21.6	0.4088+0.1992i	0.0291+0.0148i	0.1374+0.6104i	0.4354+0.2463i	0.0608-0.0585i	0.1441+0.7432i	0.0765-0.2453i	0.0607+0.0239i
21.7	0.4143+0.1928i	0.0270+0.0201i	0.1735+0.6415i	0.4390+0.2433i	0.0673-0.0678i	0.2207+0.7909i	0.0592-0.2532i	0.0656+0.0180i
21.8	0.4183+0.1831i	0.0232+0.0233i	0.2366+0.6749i	0.4418+0.2358i	0.0690-0.0764i	0.3328+0.8405i	0.0306-0.2440i	0.0654+0.0097i
21.9	0.4197+0.1728i	0.0299+0.0131i	0.3176+0.6723i	0.4526+0.2221i	0.0601-0.0643i	0.4581+0.8481i	0.0136-0.2183i	0.0578+0.0127i
22.0	0.4226+0.1663i	0.0446+0.0106i	0.3946+0.6744i	0.4632+0.2154i	0.0517-0.0655i	0.5908+0.8655i	-0.0082-0.2017i	0.0522+0.0204i
22.1	0.4255+0.1630i	0.0413+0.0132i	0.4524+0.6482i	0.4635+0.2122i	0.0568-0.0795i	0.7103+0.8244i	-0.0153-0.1834i	0.0551+0.0136i
22.2	0.4277+0.1529i	0.0359+0.0107i	0.5064+0.6112i	0.4711+0.2008i	0.0357-0.0733i	0.8097+0.7772i	-0.0084-0.1626i	0.0526+0.0185i
22.3	0.4270+0.1460i	0.0435+0.0107i	0.5439+0.5693i	0.4759+0.1910i	0.0294-0.0603i	0.8869+0.7084i	-0.0107-0.1696i	0.0566+0.0293i
22.4	0.4288+0.1373i	0.0479+0.0079i	0.5856+0.5219i	0.4780+0.1779i	0.0421-0.0550i	0.9816+0.6255i	-0.0284-0.1681i	0.0664+0.0293i
22.5	0.4301+0.1306i	0.0453+0.0051i	0.6175+0.4717i	0.4802+0.1710i	0.0320-0.0662i	1.0441+0.5375i	-0.0363-0.1430i	0.0726+0.0261i
22.6	0.4277+0.1226i	0.0482+0.0013i	0.6202+0.4129i	0.4783+0.1608i	0.0311-0.0593i	1.0657+0.4437i	-0.0422-0.1163i	0.0883+0.0236i
22.7	0.4273+0.1150i	0.0546-0.0091i	0.6187+0.3643i	0.4729+0.1489i	0.0587-0.0675i	1.0952+0.3680i	-0.0415-0.0975i	0.0959+0.0178i
22.8	0.4254+0.1119i	0.0570-0.0147i	0.6099+0.3279i	0.4668+0.1450i	0.0779-0.0939i	1.1050+0.2905i	-0.0270-0.0668i	0.1029+0.0037i
22.9	0.4225+0.1057i	0.0517-0.0138i	0.5883+0.2979i	0.4621+0.1453i	0.0767-0.1235i	1.0758+0.2248i	-0.0076-0.0653i	0.1011-0.0114i
23.0	0.4230+0.1002i	0.0525-0.0182i	0.5680+0.2863i	0.4613+0.1441i	0.0907-0.1388i	1.0599+0.1979i	-0.0031-0.0746i	0.1003-0.0098i
23.1	0.4173+0.0921i	0.0474-0.0263i	0.5700+0.2728i	0.4611+0.1417i	0.0586-0.1688i	1.0710+0.1502i	-0.0123-0.0567i	0.1041-0.0182i
23.2	0.4118+0.0867i	0.0417-0.0281i	0.5664+0.2459i	0.4602+0.1350i	0.0314-0.1828i	1.0663+0.1060i	-0.0071-0.0377i	0.1049-0.0278i
23.3	0.4059+0.0867i	0.0386-0.0236i	0.5564+0.2225i	0.4579+0.1317i	-0.0013-0.1758i	1.0584+0.0695i	-0.0049-0.0152i	0.1048-0.0352i
23.4	0.4014+0.0864i	0.0312-0.0226i	0.5472+0.2072i	0.4535+0.1277i	-0.0241-0.1651i	1.0521+0.0526i	0.0123-0.0062i	0.1031-0.0360i
23.5	0.3988+0.0860i	0.0233-0.0163i	0.5284+0.1890i	0.4507+0.1250i	-0.0336-0.1357i	1.0460+0.0274i	0.0330+0.0236i	0.1000-0.0488i
23.6	0.3959+0.0849i	0.0188-0.0189i	0.5065+0.1803i	0.4473+0.1260i	-0.0446-0.1479i	1.0571-0.0154i	0.0502+0.0617i	0.1011-0.0676i
23.7	0.3949+0.0851i	0.0113-0.0227i	0.4973+0.1734i	0.4450+0.1283i	-0.0608-0.1591i	1.0635-0.0433i	0.0593+0.0775i	0.1045-0.0783i
23.8	0.3914+0.0827i	0.0073-0.0176i	0.4821+0.1651i	0.4440+0.1300i	-0.0724-0.1537i	1.0596-0.0693i	0.1008+0.0725i	0.0978-0.0857i
23.9	0.3896+0.0836i	0.0022-0.0076i	0.4712+0.1668i	0.4447+0.1310i	-0.0899-0.1362i	1.0553-0.1208i	0.1460+0.0768i	0.0812-0.0967i
24.0	0.3892+0.0850i	-0.0032-0.0011i	0.4583+0.1747i	0.4481+0.1327i	-0.1080-0.1187i	1.0686-0.1570i	0.1678+0.0808i	0.0713-0.1048i
24.1	0.3919+0.0853i	-0.0001+0.0003i	0.4528+0.1802i	0.4540+0.1314i	-0.1160-0.0951i	1.0448-0.1821i	0.1942+0.0755i	0.0557-0.1044i
24.2	0.3913+0.0824i	0.0062+0.0053i	0.4532+0.1854i	0.4565+0.1283i	-0.1136-0.0873i	1.0318-0.2071i	0.2061+0.0864i	0.0446-0.1045i
24.3	0.3908+0.0808i	0.0107+0.0098i	0.4457+0.1823i	0.4594+0.1273i	-0.1149-0.0794i	1.0283-0.2222i	0.2251+0.1014i	0.0376-0.1055i
24.4	0.3902+0.0795i	0.0119+0.0161i	0.4452+0.1744i	0.4629+0.1232i	-0.1141-0.0584i	1.0023-0.2322i	0.3036+0.0713i	0.0259-0.0956i
24.5	0.3889+0.0782i	0.0167+0.0171i	0.4463+0.1791i	0.4628+0.1187i	-0.1161-0.0360i	0.9907-0.2481i	0.3952+0.0329i	0.0127-0.0877i

24.6	0.3870+0.0771i	0.0218+0.0157i	0.4391+0.1748i	0.4604+0.1165i	-0.1135-0.0374i	0.9648-0.2652i	0.4462-0.0277i	0.0031-0.0814i
24.7	0.3875+0.0770i	0.0186+0.0143i	0.4299+0.1595i	0.4590+0.1132i	-0.1022-0.0406i	0.9537-0.2850i	0.4444-0.1513i	0.0033-0.0696i
24.8	0.3875+0.0783i	0.0205+0.0118i	0.4259+0.1470i	0.4576+0.1129i	-0.1057-0.0439i	0.9643-0.3161i	0.4294-0.2726i	0.0098-0.0615i
24.9	0.3846+0.0797i	0.0267+0.0123i	0.4177+0.1414i	0.4573+0.1134i	-0.0966-0.0326i	0.9514-0.3442i	0.3489-0.3290i	0.0208-0.0573i
25.0	0.3840+0.0804i	0.0287+0.0121i	0.4036+0.1439i	0.4562+0.1171i	-0.0884-0.0291i	0.9237-0.3492i	0.3014-0.3307i	0.0210-0.0594i
25.1	0.3861+0.0825i	0.0250+0.0118i	0.3950+0.1442i	0.4572+0.1198i	-0.0878-0.0242i	0.9090-0.3633i	0.2748-0.3530i	0.0184-0.0630i
25.2	0.3908+0.0873i	0.0291+0.0128i	0.3738+0.1401i	0.4599+0.1245i	-0.0757-0.0162i	0.8671-0.3892i	0.1966-0.3742i	0.0254-0.0652i
25.3	0.3909+0.0881i	0.0307+0.0156i	0.3663+0.1539i	0.4654+0.1259i	-0.0851-0.0203i	0.8495-0.3752i	0.1315-0.3460i	0.0264-0.0688i
25.4	0.3929+0.0888i	0.0275+0.0142i	0.3659+0.1569i	0.4692+0.1228i	-0.0881-0.0129i	0.8270-0.3741i	0.1005-0.3075i	0.0191-0.0731i
25.5	0.3966+0.0868i	0.0290+0.0129i	0.3666+0.1571i	0.4728+0.1214i	-0.0825-0.0106i	0.8282-0.3580i	0.0887-0.2734i	0.0121-0.0739i
25.6	0.3999+0.0853i	0.0298+0.0136i	0.3576+0.1571i	0.4767+0.1227i	-0.0835-0.0154i	0.8396-0.3433i	0.0823-0.2654i	0.0095-0.0682i
25.7	0.3999+0.0882i	0.0307+0.0146i	0.3416+0.1575i	0.4804+0.1265i	-0.0801-0.0173i	0.8394-0.3589i	0.0758-0.2550i	0.0069-0.0632i
25.8	0.4049+0.0872i	0.0328+0.0137i	0.3230+0.1835i	0.4862+0.1267i	-0.0831-0.0101i	0.8254-0.3184i	0.0819-0.2327i	0.0092-0.0615i
25.9	0.4089+0.0833i	0.0305+0.0110i	0.3263+0.2009i	0.4923+0.1246i	-0.0886-0.0087i	0.8478-0.2814i	0.0897-0.2218i	0.0114-0.0625i
26.0	0.4107+0.0822i	0.0322+0.0085i	0.3212+0.1990i	0.4996+0.1190i	-0.0956-0.0043i	0.8770-0.2793i	0.0899-0.2205i	0.0078-0.0627i
26.1	0.4108+0.0823i	0.0331+0.0066i	0.2984+0.2012i	0.4998+0.1177i	-0.0918+0.0044i	0.8947-0.3042i	0.0923-0.2243i	0.0078-0.0617i
26.2	0.4133+0.0801i	0.0202+0.0115i	0.2756+0.2126i	0.5027+0.1163i	-0.1035+0.0143i	0.9171-0.3314i	0.0758-0.2311i	0.0137-0.0563i
26.3	0.4174+0.0791i	0.0176+0.0125i	0.2535+0.2356i	0.5091+0.1118i	-0.1037+0.0248i	0.9102-0.3387i	0.0600-0.2290i	0.0083-0.0559i
26.4	0.4224+0.0766i	0.0121+0.0178i	0.2377+0.2758i	0.5098+0.1061i	-0.0917+0.0442i	0.9035-0.3409i	0.0557-0.2142i	0.0092-0.0585i
26.5	0.4252+0.0712i	0.0025+0.0252i	0.2387+0.3174i	0.5068+0.0986i	-0.0897+0.0614i	0.9124-0.3415i	0.0623-0.2141i	0.0113-0.0560i
26.6	0.4257+0.0685i	-0.0025+0.0402i	0.2579+0.3564i	0.5030+0.0975i	-0.0722+0.0707i	0.9292-0.3337i	0.0533-0.2101i	0.0181-0.0571i
26.7	0.4236+0.0655i	0.0033+0.0562i	0.2860+0.3952i	0.5018+0.1002i	-0.0515+0.0712i	0.9635-0.3160i	0.0219-0.1834i	0.0253-0.0627i
26.8	0.4235+0.0617i	0.0080+0.0740i	0.3179+0.4224i	0.5026+0.1054i	-0.0458+0.0727i	1.0177-0.3255i	0.0421-0.1742i	0.0281-0.0614i
26.9	0.4218+0.0639i	0.0134+0.0883i	0.3452+0.4350i	0.5028+0.1129i	-0.0374+0.0789i	1.0692-0.3451i	0.0361-0.1828i	0.0314-0.0648i
27.0	0.4233+0.0668i	0.0258+0.1049i	0.3747+0.4376i	0.5091+0.1201i	-0.0195+0.0826i	1.1117-0.4048i	0.0037-0.1329i	0.0358-0.0801i
27.1	0.4256+0.0656i	0.0468+0.1164i	0.3954+0.4466i	0.5173+0.1235i	-0.0021+0.0755i	1.1234-0.4605i	0.0233-0.1032i	0.0302-0.0902i
27.2	0.4297+0.0649i	0.0730+0.1299i	0.4136+0.4524i	0.5295+0.1265i	0.0176+0.0729i	1.1200-0.5291i	0.0381-0.0748i	0.0222-0.0998i
27.3	0.4283+0.0617i	0.1046+0.1322i	0.4361+0.4532i	0.5376+0.1266i	0.0374+0.0557i	1.0926-0.5934i	0.0159-0.1150i	0.0192-0.0980i
27.4	0.4288+0.0599i	0.1413+0.1141i	0.4480+0.4543i	0.5487+0.1213i	0.0488+0.0349i	1.0403-0.6069i	0.0214-0.1505i	0.0140-0.0915i
27.5	0.4293+0.0586i	0.1649+0.1064i	0.4632+0.4695i	0.5567+0.1222i	0.0585+0.0209i	1.0304-0.6029i	0.0659-0.1314i	0.0053-0.0990i
27.6	0.4270+0.0581i	0.1956+0.0826i	0.4906+0.4906i	0.5656+0.1207i	0.0733-0.0084i	1.0425-0.6310i	0.0960-0.0737i	-0.0054-0.1032i
27.7	0.4271+0.0590i	0.2121+0.0515i	0.5333+0.5050i	0.5751+0.1197i	0.0771-0.0467i	1.0191-0.6719i	0.0868-0.0569i	-0.0078-0.1097i
27.8	0.4269+0.0618i	0.2138+0.0175i	0.5801+0.4970i	0.5867+0.1124i	0.0515-0.0684i	0.9913-0.6634i	0.1156-0.0404i	-0.0127-0.1047i
27.9	0.4249+0.0656i	0.1961-0.0084i	0.6167+0.4640i	0.5873+0.1046i	0.0081-0.0797i	0.9919-0.6471i	0.1312+0.0151i	-0.0183-0.1088i
28.0	0.4236+0.0730i	0.1842-0.0323i	0.6389+0.4374i	0.5848+0.0995i	-0.0194-0.0843i	1.0030-0.6464i	0.1104+0.0222i	-0.0137-0.1041i
28.1	0.4260+0.0835i	0.1736-0.0464i	0.6494+0.4195i	0.5880+0.1047i	-0.0385-0.0838i	1.0047-0.6630i	0.1295+0.0043i	-0.0100-0.1101i
28.2	0.4368+0.0955i	0.1645-0.0622i	0.6799+0.4262i	0.6070+0.1149i	-0.0617-0.0682i	1.0102-0.6453i	0.1399+0.0171i	-0.0178-0.1124i
28.3	0.4520+0.0988i	0.1448-0.0682i	0.7294+0.3927i	0.6269+0.1067i	-0.0617-0.0503i	1.0651-0.6425i	0.1560+0.0615i	-0.0309-0.1051i
28.4	0.4640+0.0955i	0.1290-0.0644i	0.7362+0.3400i	0.6316+0.0934i	-0.0613-0.0339i	1.0970-0.6882i	0.1760+0.0604i	-0.0225-0.0938i
28.5	0.4707+0.0921i	0.1191-0.0575i	0.7244+0.3081i	0.6326+0.0857i	-0.0588-0.0154i	1.1188-0.7240i	0.2070+0.0447i	-0.0165-0.0934i
28.6	0.4780+0.0920i	0.1206-0.0635i	0.7236+0.2830i	0.6404+0.0793i	-0.0565-0.0156i	1.1587-0.7660i	0.2335+0.0851i	-0.0166-0.0963i
28.7	0.4863+0.0930i	0.1226-0.0637i	0.7259+0.2649i	0.6477+0.0778i	-0.0593-0.0175i	1.1823-0.8064i	0.2643+0.0903i	-0.0213-0.0993i
28.8	0.4966+0.0923i	0.1212-0.0638i	0.7226+0.2461i	0.6580+0.0726i	-0.0510-0.0102i	1.2094-0.8498i	0.2687+0.1021i	-0.0246-0.0976i
28.9	0.5082+0.0869i	0.1226-0.0690i	0.7203+0.2261i	0.6721+0.0601i	-0.0465-0.0035i	1.2187-0.9122i	0.2981+0.1612i	-0.0266-0.1052i
29.0	0.5152+0.0840i	0.1117-0.0695i	0.7045+0.2161i	0.6698+0.0559i	-0.0387-0.0105i	1.2100-0.9695i	0.3790+0.1315i	-0.0360-0.1147i
29.1	0.5229+0.0789i	0.1069-0.0658i	0.6975+0.1996i	0.6746+0.0540i	-0.0244-0.0051i	1.2180-1.0369i	0.4557+0.1989i	-0.0397-0.1149i
29.2	0.5326+0.0760i	0.1027-0.0690i	0.6952+0.1900i	0.6837+0.0498i	-0.0195-0.0164i	1.2225-1.1023i	0.5206+0.2967i	-0.0338-0.1196i
29.3	0.5420+0.0693i	0.0973-0.0681i	0.6922+0.1782i	0.6907+0.0424i	-0.0266-0.0242i	1.2105-1.1873i	0.6339+0.3388i	-0.0348-0.1277i
29.4	0.5471+0.0570i	0.1058-0.0751i	0.6856+0.1693i	0.7004+0.0326i	-0.0233-0.0257i	1.1729-1.3166i	0.7809+0.2957i	-0.0582-0.1503i
29.5	0.5510+0.0542i	0.1038-0.0841i	0.6777+0.1585i	0.7059+0.0221i	-0.0279-0.0347i	1.0952-1.4007i	0.9268+0.2794i	-0.0898-0.1488i
29.6	0.5571+0.0477i	0.0919-0.0903i	0.6730+0.1491i	0.7105+0.0085i	-0.0310-0.0462i	1.0181-1.4702i	1.0845+0.2273i	-0.1003-0.1524i
29.7	0.5628+0.0372i	0.0840-0.0932i	0.6694+0.1516i	0.7139-0.0008i	-0.0302-0.0503i	0.9535-1.4965i	1.2325+0.1414i	-0.1078-0.1542i
29.8	0.5729+0.0325i	0.0786-0.0938i	0.6784+0.1585i	0.7251-0.0042i	-0.0460-0.0590i	0.8821-1.5109i	1.4583+0.0081i	-0.1339-0.1341i
29.9	0.5758+0.0202i	0.0735-0.0936i	0.7003+0.1513i	0.7353-0.0161i	-0.0696-0.0628i	0.8258-1.5638i	1.5795-0.2585i	-0.1489-0.1250i
30.0	0.5744+0.0068i	0.0608-0.0951i	0.7160+0.1476i	0.7352-0.0313i	-0.0894-0.0669i	0.7699-1.6001i	1.6849-0.5509i	-0.1648-0.1178i
30.1	0.5715+0.0031i	0.0431-0.0924i	0.7362+0.1289i	0.7322-0.0444i	-0.1131-0.0655i	0.7042-1.6213i	1.7269-0.7780i	-0.1739-0.0910i
30.2	0.5619+0.0042i	0.0400-0.0689i	0.7630+0.0701i	0.7285-0.0503i	-0.1302-0.0299i	0.6169-1.6469i	1.6629-1.0421i	-0.1938-0.0606i
30.3	0.5558+0.0129i	0.0480-0.0482i	0.7567-0.0094i	0.7202-0.0516i	-0.1101+0.0039i	0.5775-1.6600i	1.5412-1.3584i	-0.1803-0.0293i
30.4	0.5633+0.0219i	0.0721-0.0389i	0.6947-0.0576i	0.7214-0.0478i	-0.0823+0.0127i	0.5433-1.6984i	1.4820-1.5187i	-0.1616-0.0192i
30.5	0.5822+0.0302i	0.0981-0.0713i	0.5972-0.0589i	0.7330-0.0495i	-0.0538-0.0079i	0.4012-1.7486i	1.3472-1.7027i	-0.1626-0.0096i
30.6	0.6055+0.0274i	0.0896-0.0979i	0.5586-0.0310i	0.7450-0.0558i	-0.0624-0.0357i	0.2736-1.7735i	1.1162-1.9118i	-0.1413+0.0069i
30.7	0.6192+0.0177i	0.0663-0.1042i	0.5487-0.0176i	0.7483-0.0665i	-0.0809-0.0482i	0.1514-1.7601i	0.9152-2.0455i	-0.1395+0.0122i
30.8	0.6274+0.0049i	0.0359-0.0984i	0.5530-0.0005i	0.7467-0.0713i	-0.1064-0.0445i	0.0117-1.6673i	0.6997-2.1365i	-0.1502+0.0242i

30.9	0.6412−0.0059i	0.0054−0.0800i	0.5566+0.0044i	0.7550−0.0747i	−0.1240−0.0419i	−0.0369−1.5884i	0.4566−2.1989i	−0.1230+0.0320i
31.0	0.6459−0.0162i	−0.0018−0.0658i	0.5479−0.0153i	0.7565−0.0836i	−0.1347−0.0276i	−0.1267−1.5196i	0.1544−2.2626i	−0.1123+0.0509i
31.1	0.6424−0.0246i	0.0095−0.0455i	0.5176−0.0384i	0.7558−0.0857i	−0.1269−0.0146i	−0.1676−1.4262i	0.0311−2.2299i	−0.1008+0.0665i
31.2	0.6443−0.0283i	0.0143−0.0233i	0.4831−0.0407i	0.7581−0.0755i	−0.1315−0.0049i	−0.1809−1.3434i	−0.1506−2.2692i	−0.0708+0.0624i
31.3	0.6462−0.0268i	0.0296−0.0247i	0.4453−0.0269i	0.7626−0.0776i	−0.1376−0.0019i	−0.1925−1.2817i	−0.3881−2.2529i	−0.0678+0.0544i
31.4	0.6480−0.0311i	0.0354−0.0127i	0.4051−0.0294i	0.7633−0.0790i	−0.1489+0.0041i	−0.1898−1.2184i	−0.5848−2.1076i	−0.0523+0.0638i
31.5	0.6572−0.0343i	0.0478−0.0045i	0.3763−0.0072i	0.7768−0.0718i	−0.1545+0.0169i	−0.1688−1.1715i	−0.6972−2.1320i	−0.0410+0.0699i
31.6	0.6661−0.0365i	0.0519−0.0117i	0.3656+0.0231i	0.7872−0.0770i	−0.1531+0.0348i	−0.1726−1.1372i	−0.7921−2.1796i	−0.0438+0.0514i
31.7	0.6803−0.0435i	0.0504+0.0171i	0.3530+0.0365i	0.8013−0.0719i	−0.1701+0.0518i	−0.1772−1.0795i	−1.1331−2.0401i	−0.0245+0.0448i
31.8	0.6845−0.0472i	0.0678+0.0164i	0.3293+0.0464i	0.8159−0.0749i	−0.1658+0.0500i	−0.1695−1.0350i	−1.1993−1.9016i	−0.0223+0.0455i
31.9	0.6969−0.0567i	0.0802+0.0304i	0.2959+0.0664i	0.8355−0.0785i	−0.1768+0.0717i	−0.1521−1.0140i	−1.3079−1.6318i	−0.0142+0.0200i
32.0	0.7038−0.0651i	0.1109+0.0398i	0.2699+0.0993i	0.8522−0.0812i	−0.1653+0.0826i	−0.1475−1.0051i	−1.4626−1.3871i	−0.0044−0.0088i
32.1	0.7117−0.0674i	0.1180+0.0312i	0.2393+0.1438i	0.8642−0.0862i	−0.1631+0.1032i	−0.1202−0.9811i	−1.4019−1.2298i	−0.0027−0.0300i
32.2	0.7269−0.0680i	0.0975−0.0034i	0.2225+0.1818i	0.8690−0.0995i	−0.1683+0.0951i	−0.0993−0.9498i	−1.4564−1.0237i	0.0116−0.0054i
32.3	0.7392−0.0702i	0.1170−0.0203i	0.2375+0.2421i	0.8946−0.1075i	−0.1550+0.1057i	−0.1066−0.9564i	−1.6011−0.9357i	−0.0023+0.0042i
32.4	0.7451−0.0750i	0.1786−0.0018i	0.2453+0.3263i	0.9334−0.1006i	−0.1463+0.1357i	−0.1215−0.9914i	−1.4952−0.9191i	−0.0363−0.0417i
32.5	0.7534−0.0851i	0.2374−0.0051i	0.2923+0.3908i	0.9774−0.1051i	−0.1332+0.1575i	−0.1569−0.9875i	−1.3988−0.8794i	−0.0664−0.0704i
32.6	0.7698−0.0908i	0.2424−0.0218i	0.3285+0.4302i	1.0056−0.1199i	−0.1296+0.1684i	−0.1777−0.9637i	−1.4691−0.6429i	−0.0670−0.0546i
32.7	0.7882−0.0942i	0.2353−0.0595i	0.3844+0.4572i	1.0281−0.1435i	−0.1003+0.1749i	−0.2058−0.9180i	−1.4772−0.5244i	−0.0763−0.0460i
32.8	0.8141−0.0968i	0.2094−0.1364i	0.4209+0.4731i	1.0464−0.1858i	−0.0811+0.1745i	−0.2234−0.8521i	−1.4212−0.3582i	−0.0694−0.0405i
32.9	0.8314−0.0997i	0.1969−0.1983i	0.4669+0.4957i	1.0669−0.2239i	−0.0723+0.1783i	−0.2329−0.8068i	−1.4366−0.2745i	−0.0935−0.0281i
33.0	0.8611−0.1222i	0.1528−0.2094i	0.5214+0.5105i	1.0781−0.2559i	−0.0438+0.1768i	−0.2320−0.7566i	−1.3559−0.1212i	−0.1061−0.0179i
33.1	0.8906−0.1418i	0.0961−0.1845i	0.5819+0.5305i	1.0806−0.2700i	−0.0266+0.1814i	−0.1749−0.7148i	−1.2136−0.1210i	−0.0924−0.0287i
33.2	0.9160−0.1652i	0.0909−0.1580i	0.6836+0.5337i	1.1115−0.2864i	0.0021+0.1771i	−0.1362−0.6856i	−1.1147+0.0064i	−0.1074−0.0314i
33.3	0.9355−0.2030i	0.0869−0.0957i	0.7782+0.5136i	1.1348−0.3029i	0.0284+0.1723i	−0.1091−0.6914i	−0.9976+0.0124i	−0.1281−0.0345i
33.4	0.9473−0.2324i	0.1201−0.0819i	0.8593+0.4597i	1.1649−0.3333i	0.0498+0.1569i	−0.0846−0.6841i	−0.9347+0.0412i	−0.1458−0.0333i
33.5	0.9566−0.2675i	0.1529−0.1154i	0.9149+0.3453i	1.1923−0.3916i	0.0478+0.1156i	−0.0575−0.6985i	−0.9927+0.0088i	−0.1669−0.0091i
33.6	0.9559−0.3016i	0.1673−0.1380i	0.9197+0.2254i	1.1959−0.4508i	0.0426+0.0762i	−0.0352−0.7221i	−0.9339+0.0280i	−0.1672+0.0106i
33.7	0.9579−0.3376i	0.1689−0.1352i	0.8975+0.1449i	1.1941−0.4917i	0.0285+0.0597i	−0.0489−0.7400i	−0.8457+0.0629i	−0.1629+0.0189i
33.8	0.9650−0.3563i	0.1609−0.1538i	0.8815+0.0739i	1.1997−0.5265i	0.0285+0.0504i	−0.0669−0.7398i	−0.7833+0.0812i	−0.1742+0.0282i
33.9	0.9651−0.3784i	0.1620−0.1607i	0.8143+0.0191i	1.1953−0.5564i	0.0105+0.0270i	−0.0576−0.7413i	−0.6872+0.0602i	−0.1810+0.0296i
34.0	0.9693−0.3994i	0.1557−0.1758i	0.7413+0.0095i	1.1966−0.5853i	−0.0104+0.0244i	−0.0689−0.7699i	−0.6318+0.0323i	−0.1798+0.0364i
34.1	0.9777−0.4159i	0.1487−0.1792i	0.6895+0.0078i	1.2032−0.6072i	−0.0289+0.0294i	−0.1110−0.7805i	−0.6116+0.0241i	−0.1866+0.0492i
34.2	0.9815−0.4354i	0.1593−0.1853i	0.6613+0.0233i	1.2144−0.6350i	−0.0480+0.0429i	−0.1820−0.7852i	−0.5857+0.0079i	−0.2161+0.0676i
34.3	0.9779−0.4623i	0.1730−0.2034i	0.6567+0.0284i	1.2210−0.6808i	−0.0618+0.0605i	−0.2571−0.7048i	−0.5418+0.0518i	−0.2378+0.1004i
34.4	0.9884−0.4730i	0.1988−0.2263i	0.6629+0.0184i	1.2490−0.7173i	−0.0634+0.0709i	−0.3349−0.6227i	−0.4940+0.0684i	−0.2607+0.1304i
34.5	1.0024−0.4989i	0.1993−0.2548i	0.6466+0.0030i	1.2611−0.7753i	−0.0505+0.0703i	−0.3285−0.5186i	−0.4022+0.0680i	−0.2509+0.1785i
34.6	1.0199−0.5290i	0.1746−0.3069i	0.6106−0.0335i	1.2571−0.8511i	−0.0523+0.0750i	−0.3004−0.3766i	−0.3957+0.0514i	−0.2372+0.2565i
34.7	1.0389−0.5472i	0.1456−0.3530i	0.5627−0.0622i	1.2462−0.9022i	−0.0563+0.0841i	−0.2326−0.2718i	−0.3470+0.0139i	−0.2052+0.3134i
34.8	1.0564−0.5819i	0.1165−0.3954i	0.5194−0.0689i	1.2291−0.9737i	−0.0534+0.0993i	−0.1251−0.1928i	−0.2680−0.0208i	−0.1670+0.3757i
34.9	1.0680−0.6128i	0.0701−0.4096i	0.4730−0.0468i	1.2036−1.0205i	−0.0546+0.1057i	0.0019−0.1558i	−0.2421−0.0733i	−0.1095+0.4036i
35.0	1.1007−0.6581i	0.0046−0.4184i	0.4121−0.0201i	1.1835−1.0734i	−0.0436+0.1115i	0.1453−0.1509i	−0.2539−0.1435i	−0.0151+0.4100i
35.1	1.1267−0.6941i	−0.0469−0.4177i	0.3778+0.0201i	1.1720−1.1058i	−0.0286+0.1178i	0.2615−0.1598i	−0.2567−0.2090i	0.0467+0.4129i
35.2	1.1557−0.7507i	−0.1108−0.4000i	0.3566+0.0636i	1.1554−1.1517i	−0.0144+0.0994i	0.4049−0.2361i	−0.2855−0.2766i	0.1256+0.3988i
35.3	1.1635−0.8090i	−0.1385−0.3557i	0.3552+0.1205i	1.1375−1.1861i	−0.0220+0.0982i	0.4607−0.3449i	−0.2766−0.3546i	0.1810+0.3454i
35.4	1.1534−0.8795i	−0.1556−0.3214i	0.3606+0.1456i	1.1065−1.2323i	−0.0203+0.0976i	0.4735−0.4518i	−0.3011−0.4264i	0.2089+0.2996i
35.5	1.1495−0.9611i	−0.1629−0.2867i	0.3802+0.1641i	1.0888−1.2933i	−0.0146+0.0863i	0.4806−0.5399i	−0.3600−0.4856i	0.2299+0.2592i
35.6	1.1472−1.0168i	−0.1770−0.2609i	0.3915+0.1918i	1.0714−1.3392i	−0.0121+0.0854i	0.4854−0.6285i	−0.4213−0.5035i	0.2458+0.2293i
35.7	1.1248−1.1010i	−0.1812−0.2286i	0.3967+0.1908i	1.0370−1.4025i	−0.0113+0.0879i	0.4789−0.7026i	−0.5109−0.5413i	0.2634+0.2003i
35.8	1.0834−1.1566i	−0.1842−0.2112i	0.3873+0.2087i	0.9784−1.4419i	−0.0147+0.0932i	0.4271−0.7716i	−0.5946−0.5579i	0.2721+0.1633i
35.9	1.0540−1.2233i	−0.1910−0.1962i	0.3787+0.2169i	0.9294−1.4932i	−0.0284+0.0865i	0.3842−0.8358i	−0.6656−0.5821i	0.2883+0.1335i
36.0	1.0268−1.2889i	−0.1945−0.1767i	0.3695+0.2297i	0.8892−1.5375i	−0.0302+0.0885i	0.3128−0.8664i	−0.7770−0.5591i	0.2940+0.1216i
36.1	0.9760−1.3258i	−0.1812−0.1684i	0.3619+0.2436i	0.8365−1.5612i	−0.0361+0.0806i	0.2620−0.8791i	−0.8187−0.5765i	0.3002+0.0931i
36.2	0.9391−1.3608i	−0.1773−0.1540i	0.3524+0.2625i	0.7950−1.5729i	−0.0452+0.0790i	0.2086−0.8756i	−0.8884−0.5581i	0.2989+0.0765i
36.3	0.9137−1.4344i	−0.1850−0.1342i	0.3384+0.2849i	0.7578−1.6216i	−0.0638+0.0836i	0.1531−0.8741i	−0.9183−0.5099i	0.3239+0.0602i
36.4	0.8812−1.4898i	−0.1828−0.1226i	0.3374+0.3240i	0.7214−1.6508i	−0.0606+0.0921i	0.1098−0.8371i	−1.0252−0.4248i	0.3403+0.0140i
36.5	0.8416−1.5194i	−0.1889−0.1221i	0.3555+0.3594i	0.6776−1.6746i	−0.0602+0.1004i	0.0786−0.8470i	−1.0828−0.3457i	0.3320−0.0197i
36.6	0.7937−1.6006i	−0.1938−0.0968i	0.3789+0.3973i	0.6270−1.7389i	−0.0617+0.1242i	0.0104−0.8588i	−1.0916−0.2572i	0.3366−0.0589i
36.7	0.7657−1.6439i	−0.1873−0.0855i	0.4069+0.4177i	0.6065−1.7638i	−0.0488+0.1472i	−0.0688−0.8171i	−1.1317−0.1795i	0.3225−0.0920i
36.8	0.7373−1.6934i	−0.1954−0.0736i	0.4251+0.4430i	0.5735−1.7953i	−0.0545+0.1599i	−0.1282−0.7818i	−1.1485−0.1354i	0.3162−0.1161i
36.9	0.6830−1.7724i	−0.2049−0.0558i	0.4651+0.4632i	0.5092−1.8585i	−0.0352+0.1809i	−0.1851−0.7375i	−1.1577−0.0468i	0.2996−0.1516i
37.0	0.6207−1.8209i	−0.1954−0.0308i	0.4940+0.4536i	0.4489−1.8780i	−0.0240+0.1798i	−0.2250−0.6141i	−1.1239+0.0109i	0.3013−0.1960i
37.1	0.6044−1.8805i	−0.1841−0.0105i	0.5102+0.4458i	0.4422−1.9123i	−0.0165+0.1791i	−0.2173−0.4881i	−1.1054+0.0495i	0.3007−0.2197i

37.2	0.5841-1.9711i	-0.1846+0.0116i	0.5338+0.4565i	0.4245-1.9796i	-0.0029+0.1849i	-0.2329-0.4142i	-1.1290+0.1325i	0.2715-0.2560i
37.3	0.5117-2.0970i	-0.1767+0.0332i	0.5584+0.4597i	0.3697-2.0792i	0.0033+0.1995i	-0.1967-0.3201i	-1.1202+0.2241i	0.2259-0.3043i
37.4	0.3929-2.1803i	-0.1649+0.0562i	0.5819+0.4689i	0.2606-2.1367i	0.0124+0.2182i	-0.1532-0.2690i	-1.0866+0.2634i	0.1864-0.3402i
37.5	0.2430-2.2870i	-0.1490+0.0871i	0.5976+0.4691i	0.1173-2.2091i	0.0355+0.2342i	-0.1369-0.1730i	-1.0604+0.3504i	0.1411-0.3607i
37.6	0.0810-2.3764i	-0.1213+0.1128i	0.6151+0.4832i	-0.0153-2.2629i	0.0729+0.2505i	-0.0698-0.0932i	-0.9669+0.4326i	0.0991-0.3709i
37.7	-0.0505-2.4607i	-0.0987+0.1325i	0.6448+0.4817i	-0.1192-2.3236i	0.1168+0.2528i	-0.0249-0.0141i	-0.8702+0.4746i	0.0710-0.3835i
37.8	-0.2793-2.5088i	-0.0524+0.1634i	0.7155+0.4238i	-0.2861-2.3477i	0.1641+0.2249i	0.0364+0.1360i	-0.7900+0.4715i	-0.0175-0.3591i
37.9	-0.4621-2.4576i	-0.0158+0.1685i	0.7364+0.3893i	-0.4220-2.2961i	0.2055+0.1994i	0.1366+0.1645i	-0.7195+0.4410i	-0.0596-0.3398i
38.0	-0.6780-2.3563i	0.0385+0.1582i	0.7057+0.3159i	-0.5897-2.2133i	0.2257+0.1242i	0.2895+0.2112i	-0.6317+0.3996i	-0.0793-0.3051i
38.1	-0.8490-2.2533i	0.0936+0.1406i	0.6481+0.2539i	-0.7124-2.1282i	0.2412+0.0601i	0.4450+0.2933i	-0.6061+0.3164i	-0.0834-0.2518i
38.2	-0.9497-2.1838i	0.1276+0.1234i	0.6000+0.2257i	-0.7840-2.0824i	0.2379+0.0160i	0.5642+0.3411i	-0.6362+0.2921i	-0.0770-0.2168i
38.3	-0.9981-2.1275i	0.1500+0.0948i	0.5389+0.2447i	-0.8118-2.0540i	0.2111-0.0243i	0.6931+0.3586i	-0.6980+0.3503i	-0.0490-0.1966i
38.4	-1.0941-2.0397i	0.1827+0.0585i	0.4462+0.2752i	-0.8851-1.9933i	0.1737-0.0636i	0.9372+0.3627i	-0.7428+0.3596i	-0.0478-0.1939i
38.5	-1.2421-2.0195i	0.2244+0.0125i	0.3902+0.3448i	-0.9968-2.0108i	0.1196-0.0997i	1.2115+0.3387i	-0.7192+0.3963i	-0.0198-0.2315i
38.6	-1.3755-1.9502i	0.2395-0.0282i	0.3530+0.4130i	-1.1155-1.9855i	0.0804-0.1085i	1.4213+0.2019i	-0.6857+0.4609i	-0.0166-0.2620i
38.7	-1.4693-1.8577i	0.2389-0.0778i	0.3467+0.4886i	-1.2070-1.9406i	0.0377-0.1134i	1.5706+0.0145i	-0.6498+0.4877i	-0.0448-0.2934i
38.8	-1.5453-1.7666i	0.2294-0.1326i	0.3672+0.5720i	-1.2834-1.8960i	-0.0034-0.0999i	1.6951-0.1795i	-0.6513+0.5202i	-0.0943-0.2959i
38.9	-1.6106-1.6547i	0.1875-0.1673i	0.4335+0.6348i	-1.3898-1.8176i	-0.0173-0.1001i	1.6620-0.3598i	-0.6129+0.5221i	-0.1695-0.3414i
39.0	-1.7403-1.5152i	0.1511-0.2015i	0.4781+0.7004i	-1.5595-1.7090i	-0.0458-0.0814i	1.6898-0.5665i	-0.5134+0.4896i	-0.2239-0.3440i
39.1	-1.7953-1.3491i	0.1144-0.2218i	0.5275+0.7368i	-1.6602-1.5538i	-0.0649-0.0528i	1.6704-0.7475i	-0.4663+0.4709i	-0.2687-0.3324i
39.2	-1.8406-1.2329i	0.0817-0.2226i	0.5601+0.7585i	-1.7425-1.4344i	-0.0951-0.0584i	1.6903-0.8627i	-0.4847+0.4595i	-0.3384-0.2476i
39.3	-1.8862-1.1195i	0.0558-0.2041i	0.6143+0.7757i	-1.8079-1.2905i	-0.1157-0.0468i	1.6766-0.9163i	-0.4661+0.4558i	-0.4056-0.1784i
39.4	-1.9249-0.9728i	0.0280-0.1977i	0.6752+0.8056i	-1.8719-1.1243i	-0.1105-0.0075i	1.6415-1.0945i	-0.4440+0.4895i	-0.4018-0.1217i
39.5	-1.9701-0.8504i	0.0178-0.1889i	0.7193+0.8273i	-1.9182-0.9963i	-0.1356+0.0005i	1.6691-1.2196i	-0.4201+0.5088i	-0.4132+0.0061i
39.6	-1.9621-0.7072i	0.0198-0.1657i	0.7710+0.8396i	-1.9043-0.8249i	-0.1456+0.0147i	1.5863-1.3399i	-0.3788+0.5159i	-0.3477+0.1283i
39.7	-1.9191-0.5679i	0.0372-0.1493i	0.8351+0.8035i	-1.8381-0.6564i	-0.1580+0.0387i	1.4967-1.3670i	-0.3295+0.4823i	-0.2070+0.1438i
39.8	-1.9109-0.4609i	0.0679-0.1544i	0.8216+0.7873i	-1.7920-0.5558i	-0.1737+0.0601i	1.5839-1.4434i	-0.2985+0.4720i	-0.1320+0.1409i
39.9	-1.8475-0.3471i	0.0635-0.1702i	0.8482+0.8149i	-1.7248-0.4569i	-0.1734+0.0929i	1.5009-1.6214i	-0.2809+0.4702i	-0.0840+0.1244i
40.0	-1.8187-0.2263i	0.0672-0.1872i	0.8880+0.8488i	-1.6865-0.3426i	-0.1703+0.1239i	1.4255-1.7619i	-0.2548+0.4497i	-0.0055+0.1166i
40.1	-1.7578-0.1683i	0.0730-0.1845i	0.9298+0.8662i	-1.6142-0.2852i	-0.1844+0.1419i	1.3558-1.8287i	-0.2256+0.4198i	0.0515+0.1537i
40.2	-1.6991-0.1205i	0.0530-0.1811i	0.9924+0.8699i	-1.5653-0.2383i	-0.1575+0.1530i	1.2224-1.8466i	-0.2188+0.3881i	0.0448+0.1211i
40.3	-1.6742-0.1031i	0.0581-0.1824i	1.0912+0.8390i	-1.5347-0.2295i	-0.1334+0.1946i	1.0901-1.8524i	-0.2182+0.3733i	0.1379+0.0769i
40.4	-1.6376-0.0142i	0.0836-0.2200i	1.1475+0.7825i	-1.4780-0.1489i	-0.1401+0.2177i	1.0380-1.8293i	-0.1897+0.3158i	0.2293-0.0689i
40.5	-1.6250+0.0600i	0.0982-0.2370i	1.1700+0.7458i	-1.4364-0.0761i	-0.1595+0.2124i	1.0195-1.8077i	-0.1849+0.2754i	0.2667-0.1728i
40.6	-1.5952+0.1340i	0.0861-0.2633i	1.2054+0.7126i	-1.3976-0.0301i	-0.1360+0.2370i	1.0013-1.8315i	-0.2037+0.2181i	0.2347-0.2748i
40.7	-1.5291+0.2257i	0.0669-0.3232i	1.2102+0.6534i	-1.3303+0.0120i	-0.1150+0.2786i	1.0056-1.8572i	-0.2312+0.1845i	0.1719-0.4487i
40.8	-1.4804+0.2454i	0.0434-0.3444i	1.2022+0.6353i	-1.2868+0.0161i	-0.1113+0.2724i	1.0085-1.8429i	-0.2508+0.1820i	0.0982-0.4806i
40.9	-1.4446+0.3065i	-0.0269-0.3385i	1.1607+0.6001i	-1.2867+0.0659i	-0.0944+0.3049i	1.0972-1.9116i	-0.3172+0.1764i	-0.1040-0.5165i
41.0	-1.3695+0.3620i	-0.0627-0.3214i	1.1285+0.6399i	-1.2316+0.1171i	-0.0473+0.3362i	1.1304-2.0667i	-0.3356+0.1833i	-0.2924-0.5006i
41.1	-1.3396+0.3665i	-0.0419-0.3140i	1.1794+0.7096i	-1.2001+0.1183i	-0.0075+0.3321i	1.0535-2.2277i	-0.3366+0.2190i	-0.2930-0.3778i
41.2	-1.2496+0.4247i	-0.1171-0.3669i	1.2515+0.6789i	-1.1523+0.1293i	0.0279+0.3077i	0.8046-2.2812i	-0.3454+0.2235i	-0.3510-0.4023i
41.3	-1.2202+0.4416i	-0.1690-0.3610i	1.2662+0.6054i	-1.1441+0.1452i	0.0229+0.3176i	0.7939-2.1326i	-0.3440+0.2229i	-0.3968-0.4637i
41.4	-1.1809+0.4572i	-0.2215-0.3040i	1.1814+0.5922i	-1.1128+0.1664i	0.0358+0.3589i	1.0457-2.2459i	-0.4067+0.2280i	-0.6099-0.4180i
41.5	-1.1458+0.4720i	-0.2282-0.2389i	1.2107+0.6769i	-1.0933+0.1933i	0.0660+0.3618i	0.9118-2.4729i	-0.4262+0.3119i	-0.6552-0.2046i
41.6	-1.1060+0.4564i	-0.1886-0.1755i	1.2926+0.7191i	-1.0556+0.2100i	0.1215+0.3436i	0.7406-2.4574i	-0.3447+0.3490i	-0.5816-0.0557i
41.7	-1.0783+0.4547i	-0.1456-0.1624i	1.3831+0.7315i	-1.0142+0.2131i	0.1489+0.3271i	0.6120-2.5841i	-0.3005+0.3904i	-0.5043+0.0651i
41.8	-1.0814+0.4561i	-0.1132-0.1723i	1.4610+0.6933i	-1.0155+0.2197i	0.1774+0.2912i	0.5292-2.5133i	-0.2769+0.3728i	-0.4272+0.0692i
41.9	-1.0900+0.4556i	-0.0864-0.2290i	1.4855+0.6791i	-1.0069+0.1957i	0.1897+0.2588i	0.5924-2.6279i	-0.2975+0.3256i	-0.4205+0.0870i
42.0	-1.0712+0.5033i	-0.1149-0.2784i	1.5429+0.6286i	-0.9957+0.2033i	0.1735+0.2461i	0.4382-2.6644i	-0.2878+0.3195i	-0.3810+0.0708i
42.1	-1.0550+0.5606i	-0.1496-0.2935i	1.5311+0.6205i	-0.9904+0.2324i	0.1640+0.2362i	0.4350-2.7455i	-0.2607+0.3262i	-0.3874+0.0711i
42.2	-1.0418+0.5800i	-0.2007-0.2927i	1.6292+0.6447i	-1.0077+0.2303i	0.1526+0.2550i	0.2631-2.8640i	-0.2302+0.2779i	-0.3200+0.0882i
42.3	-1.0395+0.6276i	-0.2404-0.2622i	1.7457+0.5487i	-1.0418+0.2762i	0.1574+0.2658i	0.0465-2.8974i	-0.2570+0.2696i	-0.2831+0.0668i
42.4	-1.0166+0.6992i	-0.2677-0.2380i	1.7461+0.4484i	-1.0669+0.3379i	0.1987+0.2649i	-0.1006-2.9149i	-0.2614+0.3139i	-0.3339+0.0687i
42.5	-0.9533+0.7241i	-0.2873-0.2123i	1.7467+0.3840i	-1.0352+0.3815i	0.2050+0.2583i	-0.2785-2.7974i	-0.2267+0.3030i	-0.3259+0.0743i
42.6	-0.8991+0.7501i	-0.3183-0.1522i	1.7099+0.2994i	-1.0252+0.4431i	0.2352+0.2549i	-0.4004-2.6843i	-0.2192+0.2941i	-0.3773+0.0908i
42.7	-0.8273+0.7351i	-0.2856-0.0730i	1.6480+0.3353i	-0.9664+0.4754i	0.2627+0.2433i	-0.4823-2.5789i	-0.1756+0.3440i	-0.3588+0.1980i
42.8	-0.8656+0.6772i	-0.1685-0.1019i	1.8401+0.4038i	-0.9510+0.4401i	0.2826+0.2052i	-0.4091-2.4448i	-0.1148+0.2200i	-0.2008+0.1866i
42.9	-0.9451+0.7749i	-0.2050-0.1967i	1.8961+0.1684i	-1.0320+0.5097i	0.2734+0.1861i	-0.3186-2.4533i	-0.2089+0.1353i	-0.2262+0.0367i
43.0	-0.8845+0.8614i	-0.2811-0.1508i	1.7760+0.1061i	-1.0130+0.6175i	0.2626+0.1860i	-0.4008-2.5545i	-0.2420+0.1671i	-0.3109+0.0895i
43.1	-0.7962+0.9027i	-0.2690-0.0949i	1.7383+0.1484i	-0.9397+0.6812i	0.2773+0.1965i	-0.6517-2.6127i	-0.2248+0.1821i	-0.2714+0.1756i
43.2	-0.7264+0.8941i	-0.1797-0.0963i	1.8824+0.1358i	-0.8678+0.6991i	0.3408+0.1597i	-1.1118-2.3552i	-0.1547+0.1532i	-0.0875+0.1598i
43.3	-0.6827+0.8703i	-0.2118-0.1506i	1.7615-0.0236i	-0.8135+0.7038i	0.2974+0.0870i	-0.7448-1.7547i	-0.1769+0.0981i	-0.1553+0.0023i
43.4	-0.7128+0.8491i	-0.2649-0.1486i	1.6591+0.0732i	-0.8287+0.6912i	0.2206+0.1057i	-0.1170-1.8035i	-0.2211+0.0357i	-0.2734+0.0026i

43.5	-0.7788+0.9122i	-0.2765-0.1222i	1.7675+0.1140i	-0.8806+0.7425i	0.2391+0.1692i	0.0366-2.2531i	-0.3011+0.0130i	-0.3053+0.0455i
43.6	-0.7434+1.0703i	-0.2669-0.1011i	1.8584-0.0648i	-0.8557+0.9077i	0.2867+0.1513i	-0.3783-2.5848i	-0.3887+0.0463i	-0.2811+0.0838i
43.7	-0.6261+1.1578i	-0.2639-0.1052i	1.8315-0.2270i	-0.7392+1.0084i	0.3062+0.1135i	-0.6710-2.4469i	-0.4648+0.0844i	-0.2669+0.0600i
43.8	-0.5172+1.1912i	-0.2842-0.1116i	1.6892-0.2522i	-0.6197+1.0476i	0.2952+0.0963i	-0.6366-2.2624i	-0.4737+0.1313i	-0.3016+0.0319i
43.9	-0.4292+1.1789i	-0.2826-0.1104i	1.5730-0.1928i	-0.5137+1.0295i	0.2772+0.0876i	-0.4498-2.2497i	-0.4675+0.1893i	-0.3343+0.0510i
44.0	-0.3651+1.1563i	-0.3157-0.1144i	1.5912-0.0994i	-0.4515+0.9910i	0.2704+0.0759i	-0.4080-2.4144i	-0.4755+0.1988i	-0.3441+0.0793i
44.1	-0.3567+1.1296i	-0.3991-0.0404i	1.6448-0.1072i	-0.4593+0.9732i	0.2291+0.1357i	-0.2263-2.5900i	-0.5337+0.1903i	-0.4332+0.0646i
44.2	-0.2976+1.2003i	-0.3470+0.0174i	1.6166-0.1353i	-0.3991+1.0445i	0.2794+0.1707i	-0.5269-2.9395i	-0.5505+0.2914i	-0.4503+0.1755i
44.3	-0.1792+1.1798i	-0.3176+0.0198i	1.6762-0.0814i	-0.2997+1.0334i	0.3413+0.1363i	-1.1057-2.8923i	-0.4898+0.3472i	-0.3430+0.2494i
44.4	-0.1206+1.1164i	-0.3266+0.0421i	1.8774-0.1200i	-0.2713+1.0043i	0.3914+0.1002i	-1.5858-2.5226i	-0.4498+0.3227i	-0.2478+0.2085i
44.5	-0.0894+1.0887i	-0.3100+0.0738i	1.8469-0.2737i	-0.2202+1.0062i	0.3950+0.0691i	-1.5667-2.1634i	-0.4756+0.3321i	-0.2862+0.1621i
44.6	-0.0404+1.0603i	-0.2634+0.0798i	1.7434-0.3759i	-0.1424+0.9919i	0.3905+0.0216i	-1.4291-1.8768i	-0.4301+0.3779i	-0.2940+0.1446i
44.7	-0.0235+1.0475i	-0.2667+0.0885i	1.6847-0.4196i	-0.0950+0.9787i	0.3542+0.0106i	-1.1766-1.7585i	-0.4369+0.3830i	-0.3573+0.1505i
44.8	0.0163+1.0054i	-0.2070+0.1361i	1.5262-0.4412i	-0.0209+0.9586i	0.3341+0.0080i	-0.8945-1.5158i	-0.4092+0.3934i	-0.4026+0.1696i
44.9	-0.0150+0.9840i	-0.1804+0.0688i	1.5639-0.2245i	-0.0352+0.8765i	0.3633+0.0272i	-0.5661-1.9644i	-0.3915+0.3900i	-0.3939+0.2567i
45.0	0.0054+1.0304i	-0.2212+0.0723i	1.6923-0.3237i	-0.0420+0.9145i	0.3910+0.0007i	-0.9012-2.2072i	-0.4413+0.4047i	-0.3786+0.2806i
45.1	0.0383+1.0169i	-0.1887+0.0735i	1.6558-0.3642i	-0.0031+0.8995i	0.3777-0.0176i	-0.9556-2.0921i	-0.4235+0.4301i	-0.3729+0.3053i
45.2	0.0747+1.0592i	-0.1821+0.0532i	1.6804-0.4542i	0.0220+0.9306i	0.4014-0.0435i	-1.0219-2.1592i	-0.4134+0.4471i	-0.3626+0.3360i
45.3	0.1412+1.0730i	-0.1890+0.0378i	1.6180-0.5652i	0.0866+0.9446i	0.4083-0.0927i	-1.1805-2.0382i	-0.4285+0.4840i	-0.3556+0.3570i
45.4	0.2262+1.0456i	-0.2143+0.0322i	1.4172-0.5421i	0.1691+0.9211i	0.3747-0.1275i	-1.1276-1.8625i	-0.3705+0.5076i	-0.3524+0.3797i
45.5	0.1987+0.9549i	-0.2360+0.0819i	1.4748-0.4350i	0.1352+0.8534i	0.3337-0.1176i	-0.8717-1.7757i	-0.3304+0.4519i	-0.3431+0.3663i
45.6	0.1669+1.0051i	-0.2187+0.1081i	1.5206-0.5123i	0.1270+0.8937i	0.3533-0.1031i	-0.6330-2.0945i	-0.4035+0.4607i	-0.3899+0.4174i
45.7	0.3193+0.9926i	-0.2023+0.1241i	1.3915-0.3985i	0.2453+0.8757i	0.3415-0.1405i	-1.0203-2.2368i	-0.3071+0.5502i	-0.2673+0.5284i
45.8	0.2881+0.9484i	-0.1965+0.1207i	1.5583-0.3862i	0.1936+0.8483i	0.3412-0.1519i	-1.1003-2.1199i	-0.2811+0.4950i	-0.2178+0.4773i
45.9	0.2971+0.9944i	-0.1978+0.1406i	1.5501-0.5502i	0.2066+0.9110i	0.3436-0.1618i	-1.1201-2.0829i	-0.3185+0.5017i	-0.2515+0.4774i
46.0	0.3553+1.0004i	-0.1682+0.1481i	1.4474-0.5988i	0.2726+0.9324i	0.3393-0.1938i	-1.1611-2.1096i	-0.3019+0.5243i	-0.2292+0.5037i
46.1	0.4178+1.0071i	-0.1475+0.1311i	1.3512-0.6250i	0.3443+0.9517i	0.3273-0.2135i	-1.3384-2.1100i	-0.2762+0.5598i	-0.1865+0.5163i
46.2	0.5103+1.0120i	-0.1576+0.1331i	1.2360-0.5847i	0.4549+0.9588i	0.3143-0.2424i	-1.3420-1.9840i	-0.2572+0.5714i	-0.1759+0.5580i
46.3	0.5769+0.9306i	-0.1604+0.1292i	1.1973-0.3850i	0.5170+0.8600i	0.2939-0.2758i	-1.2793-1.9855i	-0.1856+0.5425i	-0.1276+0.5973i
46.4	0.5673+0.8849i	-0.1888+0.1188i	1.3361-0.2707i	0.4796+0.8140i	0.2954-0.2905i	-1.3633-1.9434i	-0.1582+0.5184i	-0.0784+0.5840i
46.5	0.5751+0.8705i	-0.2367+0.1557i	1.4803-0.2958i	0.4591+0.8312i	0.2554-0.2999i	-1.3812-1.9209i	-0.1978+0.4905i	-0.0628+0.5703i
46.6	0.6015+0.8276i	-0.2168+0.2159i	1.5132-0.3528i	0.4945+0.8237i	0.2311-0.2972i	-1.3595-1.8359i	-0.1544+0.4977i	-0.0178+0.5573i
46.7	0.6162+0.8318i	-0.1905+0.2440i	1.5857-0.4999i	0.5342+0.8328i	0.2239-0.3099i	-1.2641-1.8374i	-0.1446+0.5208i	-0.0142+0.5535i
46.8	0.6696+0.8987i	-0.1621+0.2756i	1.4781-0.6825i	0.6083+0.9056i	0.2113-0.3243i	-1.2664-1.9801i	-0.2092+0.5425i	-0.0544+0.5998i
46.9	0.7265+0.8357i	-0.1146+0.2880i	1.3866-0.5734i	0.6817+0.8583i	0.1975-0.3107i	-1.4427-2.0413i	-0.1665+0.5628i	0.0179+0.6402i
47.0	0.7694+0.7973i	-0.0840+0.2903i	1.4327-0.5791i	0.7526+0.8237i	0.1898-0.3269i	-1.5338-1.8772i	-0.1129+0.6006i	0.0767+0.6382i
47.1	0.8032+0.8243i	-0.0584+0.2754i	1.4562-0.7550i	0.7962+0.8362i	0.1783-0.3607i	-1.4131-1.8782i	-0.1021+0.5671i	0.0997+0.6078i
47.2	0.8917+0.8141i	-0.0247+0.2884i	1.2733-0.8255i	0.8961+0.8363i	0.1315-0.3723i	-1.5232-1.8458i	-0.0893+0.5921i	0.1317+0.6124i
47.3	0.9605+0.7198i	0.0142+0.2760i	1.1233-0.6832i	0.9933+0.7415i	0.0659-0.3471i	-1.4973-1.7541i	-0.0627+0.5624i	0.1612+0.5933i
47.4	1.0083+0.6186i	0.0354+0.2559i	1.0821-0.5283i	1.0541+0.6319i	0.0539-0.3204i	-1.4444-1.7059i	-0.0207+0.5420i	0.2038+0.5752i
47.5	0.9838+0.5467i	0.0566+0.2391i	1.1610-0.4269i	1.0455+0.5570i	0.0559-0.2971i	-1.4476-1.6920i	0.0342+0.5443i	0.2693+0.5607i
47.6	0.9961+0.5050i	0.0837+0.2174i	1.2558-0.3826i	1.0778+0.5032i	0.0706-0.3005i	-1.4471-1.6647i	0.0264+0.4950i	0.2996+0.5397i
47.7	0.9839+0.4780i	0.0801+0.2224i	1.4146-0.4188i	1.0565+0.4853i	0.0637-0.3373i	-1.4976-1.7485i	0.0618+0.4697i	0.3598+0.5195i
47.8	1.0096+0.4626i	0.1080+0.2202i	1.3787-0.5991i	1.1014+0.4602i	0.0239-0.3345i	-1.5507-1.7155i	0.0747+0.4767i	0.3880+0.4835i
47.9	1.0276+0.4111i	0.1341+0.1872i	1.2891-0.5586i	1.1335+0.3903i	0.0040-0.3321i	-1.5874-1.7155i	0.0809+0.4930i	0.4093+0.4710i
48.0	1.0496+0.3850i	0.1476+0.1658i	1.3037-0.6144i	1.1715+0.3536i	-0.0284-0.3441i	-1.6476-1.4935i	0.1030+0.4257i	0.4320+0.3767i
48.1	1.0490+0.3073i	0.1620+0.1376i	1.2309-0.5988i	1.1734+0.2638i	-0.0414-0.2926i	-1.4237-1.3950i	0.1209+0.3660i	0.4097+0.3078i
48.2	1.0805+0.2818i	0.1721+0.1113i	1.2035-0.5855i	1.2122+0.2233i	-0.0374-0.2892i	-1.3732-1.5055i	0.1457+0.4071i	0.4284+0.3339i
48.3	1.1235+0.2628i	0.1517+0.0952i	1.1737-0.5042i	1.2463+0.1928i	-0.0371-0.2967i	-1.3913-1.6095i	0.2126+0.4329i	0.4721+0.3545i
48.4	1.1228+0.1853i	0.1654+0.1032i	1.3434-0.4802i	1.2731+0.1192i	-0.0621-0.2962i	-1.6104-1.5821i	0.2920+0.3429i	0.5583+0.2755i
48.5	1.1159+0.1618i	0.1748+0.0904i	1.3875-0.5498i	1.2815+0.0872i	-0.0867-0.2828i	-1.6896-1.4482i	0.3073+0.2208i	0.5837+0.1705i
48.6	1.1294+0.1426i	0.2018+0.0526i	1.4163-0.7036i	1.3061+0.0466i	-0.1119-0.2682i	-1.7318-1.2056i	0.3212+0.1003i	0.6055+0.0243i
48.7	1.1520+0.1139i	0.1872-0.0003i	1.3086-0.8011i	1.3388-0.0105i	-0.1294-0.2467i	-1.5537-0.9167i	0.2008+0.0164i	0.4920-0.0842i
48.8	1.1748+0.0334i	0.1372-0.0072i	1.1197-0.7656i	1.3395-0.1216i	-0.1182-0.2177i	-1.0945-0.9891i	0.0885+0.0112i	0.3259-0.0553i
48.9	1.1973-0.0321i	0.1550+0.0176i	1.0446-0.6567i	1.3571-0.1888i	-0.0865-0.2007i	-0.9633-1.2271i	0.0600+0.0053i	0.3053-0.0089i
49.0	1.1882-0.1008i	0.1649-0.0028i	1.0744-0.5732i	1.3414-0.2664i	-0.0753-0.2370i	-0.9605-1.3421i	0.0461-0.0393i	0.3228-0.0348i
49.1	1.2039-0.1108i	0.1499-0.0249i	1.0990-0.6750i	1.3604-0.2998i	-0.1038-0.2658i	-0.8970-1.2863i	-0.0276-0.0791i	0.2734-0.1011i
49.2	1.2401-0.1045i	0.1364-0.0223i	0.9465-0.6133i	1.3889-0.2990i	-0.1009-0.2476i	-0.6972-1.3779i	-0.0468-0.0508i	0.2385-0.0729i
49.3	1.2492-0.1871i	0.1329-0.0161i	0.9990-0.4342i	1.3901-0.3881i	-0.1004-0.2593i	-0.7702-1.5888i	-0.0465-0.0731i	0.2772-0.0622i
49.4	1.2340-0.2595i	0.1478-0.0189i	1.0907-0.4465i	1.3610-0.4774i	-0.1067-0.2623i	-0.8217-1.6136i	-0.0938-0.1182i	0.2650-0.1255i
49.5	1.2512-0.3115i	0.1485-0.0354i	1.0087-0.3866i	1.3613-0.5351i	-0.1124-0.2581i	-0.5901-1.6654i	-0.1729-0.1039i	0.1558-0.1204i
49.6	1.2383-0.3963i	0.1531-0.0459i	1.1235-0.2590i	1.3418-0.6217i	-0.1138-0.2624i	-0.5390-2.0217i	-0.1762-0.1187i	0.1730-0.0880i
49.7	1.2407-0.4417i	0.1792-0.0635i	1.2732-0.4403i	1.3493-0.6820i	-0.1627-0.2747i	-0.8357-2.1088i	-0.2829-0.1919i	0.1581-0.1933i

49.8	1.2924-0.4743i	0.1936-0.0994i	1.1821-0.5797i	1.3976-0.7404i	-0.1848-0.2733i	-0.8441-1.9517i	-0.4001-0.1710i	0.0595-0.2469i
49.9	1.3781-0.5352i	0.1925-0.1294i	0.9604-0.5403i	1.4550-0.8008i	-0.1860-0.2505i	-0.5532-1.9386i	-0.4877-0.0751i	-0.0876-0.1735i
50.0	1.3433-0.6663i	0.1828-0.1621i	0.9754-0.3387i	1.4134-0.9342i	-0.1909-0.2560i	-0.6255-2.2582i	-0.4898-0.0314i	-0.0915-0.1018i
50.1	1.2987-0.8075i	0.1594-0.2170i	0.9986-0.2550i	1.3476-1.0908i	-0.2191-0.2705i	-0.7073-2.3729i	-0.5337+0.0168i	-0.1304-0.0709i
50.2	1.2873-0.9329i	0.1094-0.2397i	1.0277-0.1351i	1.3109-1.2152i	-0.2597-0.2680i	-0.5618-2.5029i	-0.5715+0.0757i	-0.1792+0.0150i
50.3	1.2396-1.0292i	0.0791-0.2148i	1.0995-0.0500i	1.2402-1.2940i	-0.2753-0.2318i	-0.4837-2.7687i	-0.5521+0.1298i	-0.1667+0.1016i
50.4	1.1596-1.1316i	0.0716-0.2241i	1.2762+0.0524i	1.1506-1.3910i	-0.2732-0.2195i	-0.6790-3.1266i	-0.5531+0.1406i	-0.1162+0.1413i
50.5	1.0529-1.1742i	0.0801-0.2203i	1.5763-0.0961i	1.0523-1.4254i	-0.2956-0.2032i	-1.0869-3.2202i	-0.6092+0.1019i	-0.0823+0.0630i
50.6	1.0120-1.2221i	0.1017-0.2630i	1.5054-0.2861i	1.0121-1.4842i	-0.2815-0.1956i	-1.2142-3.1035i	-0.7016+0.1433i	-0.1738+0.0284i
50.7	1.0079-1.3293i	0.0704-0.3565i	1.3993-0.2661i	1.0003-1.6230i	-0.3011-0.2005i	-0.9879-3.0494i	-0.7434+0.2444i	-0.2641+0.1082i
50.8	0.9416-1.4671i	0.0165-0.3570i	1.4426-0.1583i	0.9019-1.7513i	-0.3201-0.2069i	-0.9200-3.6476i	-0.7210+0.2783i	-0.2356+0.2377i
50.9	0.8072-1.5716i	-0.0317-0.3983i	1.5018-0.1815i	0.7479-1.8555i	-0.3237-0.2184i	-1.3361-4.0205i	-0.7579+0.3133i	-0.2150+0.2651i
51.0	0.7002-1.6937i	-0.1234-0.4264i	1.5281-0.1578i	0.6131-1.9681i	-0.3856-0.2104i	-1.5473-3.9971i	-0.7603+0.3767i	-0.2152+0.2951i
51.1	0.4703-1.7175i	-0.1780-0.3906i	1.6066-0.1876i	0.3576-1.9753i	-0.3981-0.1896i	-1.9115-4.0726i	-0.7434+0.4621i	-0.1727+0.3600i
51.2	0.3073-1.7684i	-0.2188-0.3693i	1.6762-0.1938i	0.1779-2.0007i	-0.3984-0.1708i	-2.2872-4.3559i	-0.7572+0.5529i	-0.1265+0.4382i
51.3	0.2136-1.7712i	-0.2420-0.3782i	1.7388-0.2058i	0.0859-1.9875i	-0.4025-0.1758i	-2.5265-4.2971i	-0.7413+0.5958i	-0.0854+0.4542i
51.4	0.0632-1.7961i	-0.3051-0.3817i	1.8020-0.1562i	-0.0837-1.9970i	-0.4374-0.1947i	-2.8545-4.4820i	-0.7309+0.6513i	-0.0642+0.5251i
51.5	-0.0677-1.8169i	-0.3652-0.3812i	1.9097-0.1966i	-0.2317-1.9967i	-0.4751-0.1885i	-3.2175-4.4262i	-0.7325+0.6975i	-0.0424+0.5421i
51.6	-0.2409-1.8182i	-0.4708-0.3335i	1.9997-0.2529i	-0.4266-1.9659i	-0.5155-0.1882i	-3.4244-4.4129i	-0.6893+0.7641i	0.0034+0.5870i
51.7	-0.3838-1.7818i	-0.5138-0.2598i	2.1760-0.3404i	-0.5606-1.8984i	-0.5869-0.1892i	-3.8315-4.5850i	-0.7183+0.8289i	0.0498+0.6447i
51.8	-0.5438-1.6878i	-0.4725-0.1990i	2.2689-0.5538i	-0.7012-1.7746i	-0.6008-0.1300i	-4.4762-4.2136i	-0.7055+0.9038i	0.1162+0.6271i
51.9	-0.5987-1.5020i	-0.4740-0.2438i	2.1141-0.7438i	-0.7364-1.5770i	-0.6110-0.1513i	-4.3319-3.5978i	-0.6412+0.9251i	0.1155+0.6200i
52.0	-0.6175-1.4944i	-0.6639-0.2733i	1.9246-0.6304i	-0.7786-1.5621i	-0.7929-0.2113i	-4.1854-4.0122i	-0.5783+0.9644i	0.1655+0.7562i
52.1	-0.6448-1.4730i	-0.7208-0.2172i	2.0133-0.5533i	-0.8053-1.5345i	-0.8800-0.1601i	-4.4989-4.1741i	-0.5341+1.0015i	0.2896+0.7971i
52.2	-0.7562-1.3087i	-0.7547-0.1419i	2.2805-0.6684i	-0.9202-1.3672i	-0.9521-0.0459i	-5.2372-3.8183i	-0.4663+1.0194i	0.4669+0.6948i
52.3	-0.8329-1.1708i	-0.8442-0.0044i	2.3155-0.9428i	-1.0228-1.1903i	-1.0423+0.1416i	-5.6721-3.0234i	-0.4017+1.0588i	0.5295+0.5877i
52.4	-0.7453-1.0939i	-0.8267+0.2667i	2.0294-1.0664i	-0.9388-0.9883i	-0.9618+0.3222i	-5.0719-2.4801i	-0.2616+0.9987i	0.5058+0.5475i
52.5	-0.8687-1.0735i	-0.4897+0.3918i	1.9360-0.8527i	-0.9064-0.9171i	-0.7878+0.3977i	-5.2760-3.0593i	-0.1832+0.9983i	0.7271+0.6366i
52.6	-0.9710-1.1046i	-0.4130+0.1527i	2.1246-0.8259i	-0.9301-0.9948i	-0.7970+0.2803i	-5.7357-3.1456i	-0.1927+0.9814i	0.8701+0.5575i
52.7	-0.9465-1.0516i	-0.6780-0.0987i	2.2613-1.0665i	-0.9358-1.0230i	-0.9820+0.1400i	-5.8334-2.6961i	-0.2689+0.9451i	0.8159+0.3397i
52.8	-1.0242-0.9398i	-0.9232+0.2110i	2.2020-1.1251i	-1.0366-0.8898i	-1.1923+0.4387i	-6.2519-2.5134i	-0.2793+1.0326i	0.8359+0.2650i
52.9	-1.1158-0.9504i	-1.0386+0.4100i	2.2742-1.2328i	-1.1153-0.8647i	-1.3190+0.6401i	-6.7352-2.4376i	-0.2829+1.1073i	0.8386+0.2166i
53.0	-1.0945-0.9678i	-1.0981+0.5502i	2.2200-1.4015i	-1.0831-0.8548i	-1.3716+0.8177i	-6.7924-2.1554i	-0.2867+1.2033i	0.7636+0.2062i
53.1	-1.1543-0.9109i	-1.0859+0.8122i	2.1361-1.5095i	-1.1084-0.7804i	-1.3390+1.1220i	-6.9444-1.8351i	-0.2150+1.3342i	0.7988+0.2285i
53.2	-1.2438-0.8467i	-0.9477+1.0452i	2.0893-1.5371i	-1.1374-0.7026i	-1.1776+1.3780i	-7.2562-1.4477i	-0.0959+1.3450i	0.8764+0.1615i
53.3	-1.2007-0.7212i	-0.7998+1.1464i	1.9862-1.6946i	-1.0932-0.5858i	-0.9269+1.5110i	-7.1202-0.6985i	0.0552+1.3305i	0.8515+0.0138i
53.4	-1.2162-0.7139i	-0.6326+1.3104i	1.8376-1.8040i	-1.0426-0.5552i	-0.7534+1.6567i	-6.9307-0.4772i	0.1091+1.3698i	0.7877+0.0280i
53.5	-1.2240-0.7153i	-0.5600+1.1888i	1.6848-1.7421i	-1.0181-0.6303i	-0.6586+1.6157i	-6.9070-0.3584i	0.1825+1.3466i	0.7786+0.0121i
53.6	-1.2509-0.7422i	-0.6540+1.2945i	1.5333-1.6827i	-1.0956-0.6839i	-0.6243+1.7009i	-6.6796-0.2396i	0.2792+1.3403i	0.7428+0.0220i
53.7	-1.4216-0.6357i	-0.5093+1.6414i	1.5041-1.4721i	-1.2800-0.5566i	-0.4550+1.9579i	-6.8734-0.2041i	0.4868+1.3025i	0.8438+0.0264i
53.8	-1.3319-0.5248i	-0.2185+1.7090i	1.6185-1.3646i	-1.1880-0.3897i	-0.1808+1.9591i	-6.9104+0.0033i	0.5550+1.1485i	0.8913-0.0508i
53.9	-1.4566-0.4623i	0.1193+2.0073i	1.7861-1.3377i	-1.2621-0.2651i	0.1757+2.1863i	-7.6082+0.3052i	0.6840+1.1097i	1.0779-0.0880i
54.0	-1.4829-0.4063i	0.4980+1.9059i	1.8458-1.2667i	-1.1584-0.2071i	0.5305+2.0528i	-7.5120+0.5028i	0.7274+0.9875i	1.1463-0.1596i
54.1	-1.5010-0.2571i	0.6385+1.4487i	2.2114-1.3788i	-1.1492-0.2221i	0.7231+1.6881i	-7.8775+0.9837i	0.7625+0.8280i	1.2494-0.4458i
54.2	-1.3945-0.1736i	0.3255+1.4248i	2.2296-1.8420i	-1.1980-0.1535i	0.5608+1.5533i	-7.8203+1.7532i	0.6781+0.7205i	1.0337-0.7070i
54.3	-1.3546-0.2577i	0.6223+1.7843i	2.0715-1.9888i	-1.1216-0.0667i	0.7245+1.7096i	-7.7945+2.2027i	0.6271+0.6741i	0.9057-0.7022i
54.4	-1.4706-0.2528i	0.9576+1.8295i	2.0454-2.1747i	-1.1519-0.0272i	0.9943+1.7097i	-7.9203+2.9296i	0.6756+0.6233i	0.8637-0.7972i
54.5	-1.5952-0.1814i	1.3442+1.7773i	1.9506-2.4289i	-1.1783+0.0495i	1.2914+1.6434i	-7.7696+3.8922i	0.7136+0.5411i	0.7594-0.9155i
54.6	-1.6244-0.1124i	1.5588+1.6551i	1.6901-2.5381i	-1.1023+0.1013i	1.4201+1.5167i	-7.0232+4.3507i	0.6869+0.4953i	0.6065-0.9573i
54.7	-1.5701+0.0472i	1.7502+1.4096i	1.3490-2.4355i	-0.9827+0.1934i	1.5239+1.2759i	-5.9254+4.3420i	0.6153+0.4555i	0.4432-0.8423i
54.8	-1.5191+0.1183i	2.0973+1.1900i	1.4339-2.3722i	-0.8837+0.2116i	1.7146+1.0596i	-6.0444+4.4182i	0.6293+0.3503i	0.5819-0.8809i
54.9	-1.5004+0.1143i	2.2393+0.8881i	1.4018-2.4670i	-0.7984+0.1613i	1.7422+0.8254i	-5.7254+4.7680i	0.5660+0.2406i	0.5131-1.0264i
55.0	-1.5834+0.1269i	2.3085+0.6055i	1.2720-2.5160i	-0.8039+0.0751i	1.7439+0.6547i	-5.3969+4.8696i	0.4847+0.1981i	0.4001-1.0650i
55.1	-1.6064+0.2300i	2.2368+0.2456i	1.0332-2.4712i	-0.8174+0.0584i	1.6682+0.4168i	-4.6647+4.8127i	0.3810+0.1807i	0.2326-1.0123i
55.2	-1.5026+0.3351i	2.0575-0.1723i	0.8962-2.3465i	-0.7539+0.0648i	1.5025+0.1433i	-4.0090+4.6271i	0.2622+0.1477i	0.0858-1.0294i
55.3	-1.4950+0.3927i	1.8738-0.5025i	0.8679-2.2851i	-0.7718+0.0165i	1.3810-0.0685i	-3.7997+4.5491i	0.1883+0.0875i	-0.0047-1.0652i
55.4	-1.4949+0.4660i	1.4629-0.6681i	0.8531-2.3165i	-0.8931+0.0199i	1.1160-0.1950i	-3.6738+4.6729i	0.0369+0.0451i	-0.1286-1.1109i
55.5	-1.5086+0.3709i	1.2120-0.2813i	0.8270-2.3798i	-0.9662+0.0612i	0.8648+0.0736i	-3.6094+4.6711i	-0.0632+0.1610i	-0.2852-1.0125i
55.6	-1.5499+0.3930i	1.3618-0.2613i	0.6828-2.3904i	-0.9263+0.1040i	0.9345+0.1757i	-3.1833+4.7421i	-0.1189+0.2674i	-0.3990-0.9169i
55.7	-1.6027+0.5134i	1.4024-0.2904i	0.5232-2.3146i	-0.9282+0.1870i	0.9692+0.1696i	-2.7914+4.6476i	-0.1541+0.3084i	-0.4830-0.8105i
55.8	-1.6130+0.5840i	1.3664-0.3302i	0.4352-2.2164i	-0.9040+0.2236i	0.9261+0.1818i	-2.4088+4.4913i	-0.2870+0.3969i	-0.5764-0.7095i
55.9	-1.5839+0.6824i	1.3270-0.3494i	0.3737-2.0712i	-0.8936+0.2863i	0.9420+0.1841i	-2.1665+4.2070i	-0.3280+0.4475i	-0.5878-0.5838i
56.0	-1.6000+0.7257i	1.4949-0.3854i	0.4347-1.9640i	-0.8927+0.3020i	1.0870+0.1796i	-2.4279+4.0136i	-0.2047+0.4652i	-0.4670-0.5514i

56.1	−1.6503+0.7725i	1.6148−0.6010i	0.5026−1.9595i	−0.9052+0.2904i	1.1494+0.1064i	−2.6483+4.0897i	−0.1449+0.4460i	−0.3540−0.6460i
56.2	−1.6541+0.8958i	1.4215−0.7315i	0.4246−1.9453i	−0.8811+0.3435i	1.0429+0.0961i	−2.1387+4.0755i	−0.3326+0.5136i	−0.5610−0.5693i
56.3	−1.6612+0.9546i	1.3152−0.7779i	0.4059−1.9173i	−0.8881+0.3504i	1.0196+0.0682i	−1.9266+3.9869i	−0.4554+0.6123i	−0.6983−0.4588i
56.4	−1.6018+1.1292i	1.2724−0.8425i	0.3468−1.8282i	−0.8601+0.4454i	1.0702+0.0282i	−1.7947+3.7601i	−0.3623+0.7476i	−0.6838−0.3759i
56.5	−1.6515+1.2670i	1.2596−0.9142i	0.3234−1.8251i	−0.9100+0.4939i	1.1526−0.0285i	−1.8079+3.7511i	−0.3148+0.8838i	−0.6559−0.2417i
56.6	−1.5557+1.2957i	1.2010−0.9557i	0.3817−1.7412i	−0.8329+0.4939i	1.1101−0.0634i	−1.7654+3.6032i	−0.3704+0.8807i	−0.7050−0.2294i
56.7	−1.4026+1.4006i	1.1302−1.0173i	0.4208−1.6096i	−0.7109+0.5449i	1.0722−0.0954i	−1.6938+3.3080i	−0.3502+0.9434i	−0.6746−0.1313i
56.8	−1.3414+1.4994i	1.0447−1.0914i	0.4254−1.6133i	−0.6799+0.5803i	1.0469−0.1474i	−1.5433+3.3432i	−0.4049+1.0563i	−0.7232−0.0487i
56.9	−1.3271+1.6499i	1.0425−1.1646i	0.4322−1.6065i	−0.7083+0.6247i	1.1466−0.1965i	−1.6542+3.3139i	−0.2633+1.0908i	−0.6332−0.0040i
57.0	−1.1227+1.7934i	0.9248−1.2778i	0.4078−1.5322i	−0.6578+0.6799i	1.1495−0.3471i	−1.5804+3.1783i	−0.1365+1.1417i	−0.5626+0.0170i
57.1	−1.0243+1.8812i	0.8706−1.5017i	0.4677−1.5613i	−0.6713+0.6930i	1.1462−0.5253i	−1.7651+3.3069i	−0.0822+1.1415i	−0.4540−0.0612i
57.2	−1.0461+1.7627i	0.6351−1.6678i	0.6228−1.6731i	−0.7140+0.5750i	0.9935−0.5949i	−1.9487+3.5903i	−0.2050+1.0713i	−0.6217−0.2469i
57.3	−0.9745+1.8210i	0.4180−1.5717i	0.6053−1.6835i	−0.7052+0.6537i	0.8785−0.5814i	−1.7312+3.7190i	−0.3601+1.1331i	−0.8189−0.2120i
57.4	−0.9152+1.8848i	0.2337−1.4326i	0.5951−1.7535i	−0.7100+0.7278i	0.7943−0.5363i	−1.4792+3.8088i	−0.5059+1.3988i	−1.0411+0.0203i
57.5	−0.8862+1.9141i	0.1959−1.3629i	0.6098−1.8392i	−0.7034+0.7505i	0.7827−0.5132i	−1.3980+3.8677i	−0.4865+1.7077i	−1.0799+0.2304i
57.6	−0.7814+1.9589i	0.1117−1.3132i	0.6118−1.8778i	−0.6527+0.8263i	0.7395−0.5179i	−1.2288+3.9245i	−0.3810+2.0329i	−1.0865+0.4376i
57.7	−0.7062+1.9930i	0.0881−1.2971i	0.6251−1.9421i	−0.6089+0.8692i	0.7301−0.5383i	−1.0611+3.9941i	−0.2275+2.2127i	−1.0700+0.5192i
57.8	−0.5654+2.0607i	0.0883−1.2583i	0.5894−1.9698i	−0.5167+0.9685i	0.6837−0.5964i	−0.8710+4.0048i	−0.1830+2.0702i	−1.0940+0.4893i
57.9	−0.5588+2.0958i	0.0432−1.1607i	0.4443−2.1340i	−0.4850+0.9802i	0.6661−0.5050i	−0.8075+4.0405i	0.0826+2.3865i	−1.0395+0.7895i
58.0	−0.3907+2.0807i	−0.0276−1.0618i	0.2933−2.0546i	−0.3795+1.0062i	0.6819−0.4448i	−0.5106+3.9989i	0.6839+2.6242i	−0.6836+1.0380i
58.1	−0.2414+2.0903i	0.0642−0.9896i	0.2152−1.9717i	−0.2570+1.0336i	0.7665−0.4402i	−0.2206+3.8068i	1.1208+2.5519i	−0.3175+1.1527i
58.2	−0.1788+2.0590i	0.2228−1.2051i	0.2545−1.9885i	−0.1516+0.9750i	0.8426−0.6193i	−0.1798+3.8672i	1.1899+2.3254i	−0.2733+0.9061i
58.3	−0.1293+2.0941i	−0.0397−1.4254i	0.1633−2.0665i	−0.1566+0.8966i	0.7149−0.7760i	0.0993+3.7986i	1.3669+2.4677i	−0.3130+1.0174i
58.4	−0.0564+2.0940i	−0.2325−1.3574i	0.0896−2.0381i	−0.1578+0.8939i	0.6143−0.7612i	0.2677+3.6257i	1.6034+2.4262i	−0.2508+1.1418i
58.5	0.0021+2.0550i	−0.3258−1.3078i	0.0911−2.0613i	−0.1043+0.8678i	0.5090−0.7136i	0.3800+3.5441i	1.7090+2.4200i	−0.1966+1.2961i
58.6	0.0270+2.0990i	−0.4427−1.2286i	0.0176−2.0893i	−0.1200+0.9036i	0.4794−0.6882i	0.5538+3.5755i	1.9368+2.3392i	−0.1300+1.3471i
58.7	0.1802+2.0829i	−0.5033−1.1508i	−0.0710−1.9650i	−0.0673+0.9048i	0.4555−0.7197i	0.6745+3.3641i	2.0526+1.9938i	−0.0237+1.2172i
58.8	0.2518+1.9967i	−0.5738−1.0480i	−0.1201−1.8893i	−0.0334+0.8371i	0.4298−0.6840i	0.7279+3.0332i	2.4206+1.7618i	0.2500+1.1357i
58.9	0.3177+1.9839i	−0.6337−0.9566i	−0.1991−1.8546i	−0.0185+0.8328i	0.4309−0.6667i	0.8486+2.8531i	2.6976+1.5709i	0.4564+1.1308i
59.0	0.3879+1.9807i	−0.6945−0.8280i	−0.2689−1.8160i	−0.0081+0.8433i	0.4161−0.6744i	0.9550+2.7098i	2.8822+1.1869i	0.5824+1.0331i
59.1	0.4499+1.9418i	−0.7088−0.7390i	−0.3139−1.7694i	−0.0034+0.8178i	0.4116−0.6630i	0.9678+2.5327i	2.9990+0.8535i	0.7914+0.8908i
59.2	0.5291+1.9047i	−0.6486−0.6317i	−0.3307−1.7166i	0.0892+0.8052i	0.4128−0.6391i	1.0614+2.3317i	2.9623+0.6561i	0.8938+0.8815i
59.3	0.5611+1.8699i	−0.6286−0.5436i	−0.3344−1.6716i	0.1291+0.7978i	0.4170−0.6398i	1.1483+2.1965i	2.9475+0.4535i	0.9241+0.8242i
59.4	0.5661+1.8678i	−0.5842−0.5198i	−0.3533−1.6075i	0.1169+0.7937i	0.4308−0.6577i	1.1452+2.0959i	2.8478+0.2817i	0.9267+0.7014i
59.5	0.6066+1.8586i	−0.5433−0.4430i	−0.3718−1.5740i	0.1375+0.7819i	0.4147−0.6634i	1.1785+1.9536i	2.7828+0.0474i	1.0150+0.6372i
59.6	0.7005+1.8490i	−0.5133−0.3884i	−0.4332−1.4939i	0.1865+0.7788i	0.4233−0.6754i	1.2653+1.6692i	2.8304−0.2484i	1.1492+0.4892i
59.7	0.7678+1.8318i	−0.4436−0.3724i	−0.4665−1.4115i	0.2185+0.7523i	0.4227−0.6884i	1.2588+1.4070i	2.6886−0.5273i	1.1601+0.2927i
59.8	0.8340+1.8587i	−0.4165−0.3579i	−0.4786−1.3663i	0.1976+0.7676i	0.3792−0.7541i	1.1907+1.2772i	2.4120−0.7939i	1.0235+0.1795i
59.9	0.8794+1.8277i	−0.4071−0.3524i	−0.4390−1.3184i	0.2167+0.7579i	0.3694−0.7639i	1.0837+1.2086i	2.3544−0.8648i	0.9992+0.0979i
60.0	0.9201+1.7889i	−0.3712−0.3434i	−0.4137−1.2619i	0.2229+0.7502i	0.3488−0.7768i	0.9308+1.0829i	2.2066−0.9134i	1.0045+0.0601i
60.1	1.0056+1.7572i	−0.3346−0.3718i	−0.3974−1.2349i	0.2522+0.7164i	0.3174−0.7954i	0.8813+0.9248i	1.9797−0.9278i	1.0035+0.0479i
60.2	1.1134+1.7051i	−0.3461−0.3906i	−0.4035−1.1559i	0.2740+0.6794i	0.2842−0.8229i	0.8256+0.7072i	1.8579−1.0470i	0.9935−0.1240i
60.3	1.1327+1.6688i	−0.3174−0.4206i	−0.3634−1.1545i	0.2720+0.6661i	0.2465−0.8320i	0.7456+0.7406i	1.7109−0.9735i	0.9175−0.1411i
60.4	1.2361+1.5857i	−0.3249−0.4070i	−0.3675−1.0664i	0.3243+0.6681i	0.1983−0.8461i	0.6917+0.5536i	1.5332−1.0618i	0.7995−0.2111i
60.5	1.2891+1.5514i	−0.3705−0.4061i	−0.3467−1.0769i	0.3192+0.6862i	0.1269−0.8594i	0.6172+0.5725i	1.4672−0.9542i	0.8113−0.0984i
60.6	1.3056+1.4874i	−0.4226−0.3787i	−0.2990−1.0808i	0.3052+0.6825i	0.0869−0.8109i	0.5239+0.5860i	1.5409−0.9476i	0.8771−0.1900i
60.7	1.3518+1.4114i	−0.4277−0.3408i	−0.2971−1.0671i	0.3397+0.6766i	0.0604−0.7551i	0.5206+0.5019i	1.5288−1.0568i	0.8725−0.3482i
60.8	1.3411+1.3445i	−0.4084−0.2788i	−0.2726−1.1044i	0.3659+0.6517i	0.1096−0.7046i	0.4853+0.4651i	1.4477−1.1539i	0.7922−0.3737i
60.9	1.3067+1.2628i	−0.3305−0.2691i	−0.2061−1.0487i	0.4213+0.6086i	0.1697−0.7005i	0.3193+0.3812i	1.3398−1.1204i	0.8128−0.4110i
61.0	1.3220+1.2237i	−0.2595−0.2454i	−0.2231−0.9967i	0.4384+0.5882i	0.1801−0.7627i	0.1915+0.2711i	1.1530−1.1738i	0.7686−0.4265i
61.1	1.3472+1.1984i	−0.2238−0.2880i	−0.1992−0.9650i	0.4711+0.5383i	0.1396−0.8189i	0.1112+0.1734i	1.0201−1.1390i	0.7164−0.3839i
61.2	1.3690+1.1242i	−0.2306−0.3149i	−0.1659−0.8966i	0.4511+0.4943i	0.0897−0.8603i	−0.0479+0.0571i	0.8740−1.1462i	0.5815−0.4268i
61.3	1.3650+1.0698i	−0.2308−0.3213i	−0.1037−0.8892i	0.4236+0.4610i	0.0638−0.8486i	−0.2231+0.0122i	0.8171−1.1310i	0.5696−0.4920i
61.4	1.3990+1.0273i	−0.2079−0.3290i	−0.0786−0.8433i	0.4161+0.4560i	−0.0120−0.8773i	−0.3829−0.0479i	0.6635−1.1542i	0.4681−0.5231i
61.5	1.3981+1.0057i	−0.2047−0.3549i	−0.0405−0.8666i	0.4155+0.4590i	−0.0475−0.8649i	−0.4749+0.0514i	0.5921−1.0385i	0.4744−0.4072i
61.6	1.3676+0.9792i	−0.2013−0.3518i	0.0579−0.9517i	0.4124+0.4369i	−0.0595−0.8601i	−0.6151+0.2135i	0.5842−0.9638i	0.4669−0.3919i
61.7	1.4015+0.9187i	−0.2040−0.3579i	0.0504−0.9216i	0.4140+0.4055i	−0.0898−0.8727i	−0.7010+0.1383i	0.5388−1.0026i	0.4401−0.5043i
61.8	1.4173+0.8775i	−0.2118−0.3552i	0.0174−0.9342i	0.4021+0.3781i	−0.0768−0.8528i	−0.7131+0.1095i	0.4957−1.0212i	0.3989−0.5292i
61.9	1.4239+0.8453i	−0.2308−0.3770i	0.0409−0.9650i	0.3785+0.3905i	−0.1254−0.8642i	−0.8295+0.2011i	0.4471−0.9217i	0.4175−0.4470i
62.0	1.4206+0.8188i	−0.2457−0.3956i	0.0339−1.0066i	0.3372+0.3997i	−0.1492−0.8778i	−0.9228+0.2949i	0.4478−0.8576i	0.4622−0.4769i
62.1	1.4030+0.7475i	−0.2527−0.3841i	0.0811−0.9985i	0.3192+0.3760i	−0.1788−0.8249i	−1.0492+0.3091i	0.3689−0.8768i	0.2628−0.5652i
62.2	1.4109+0.7134i	−0.2809−0.3611i	0.0741−1.0314i	0.3090+0.3631i	−0.1815−0.8546i	−1.0568+0.3917i	0.4267−0.9357i	0.1919−0.7159i
62.3	1.4380+0.6993i	−0.3086−0.3538i	0.0144−1.0726i	0.2861+0.3997i	−0.2002−0.8700i	−1.0463+0.4439i	0.4231−0.9698i	0.1470−0.7189i

62.4	1.3941+0.6389i	-0.2986-0.3616i	0.0538-1.0717i	0.2916+0.4169i	-0.2532-0.8463i	-1.1317+0.5714i	0.3381-0.8820i	0.1030-0.6923i
62.5	1.3950+0.5811i	-0.3121-0.3658i	-0.0132-1.0495i	0.3028+0.4551i	-0.3006-0.8360i	-1.1517+0.6280i	0.2710-0.8504i	0.0692-0.7037i
62.6	1.3939+0.5761i	-0.3246-0.3383i	-0.0556-1.0767i	0.2973+0.4870i	-0.3414-0.8841i	-1.0905+0.7321i	0.3102-0.9162i	-0.0091-0.7434i
62.7	1.3590+0.5470i	-0.3156-0.3406i	-0.0466-1.0970i	0.2972+0.5134i	-0.3569-0.8804i	-1.1908+0.8130i	0.1981-0.8343i	-0.0739-0.5873i
62.8	1.3496+0.5223i	-0.3264-0.3501i	-0.0696-1.0784i	0.3287+0.5374i	-0.3930-0.8763i	-1.1933+0.8943i	0.1585-0.7769i	-0.0662-0.5665i
62.9	1.3376+0.5005i	-0.3324-0.3578i	-0.0853-1.0258i	0.3535+0.5552i	-0.4321-0.8801i	-1.1873+0.9143i	0.1376-0.7578i	-0.1305-0.6410i
63.0	1.3000+0.4741i	-0.3391-0.3428i	-0.0998-1.0041i	0.3880+0.5700i	-0.4771-0.8289i	-1.1682+1.0002i	0.1006-0.6778i	-0.1746-0.5790i
63.1	1.2741+0.4617i	-0.3327-0.3332i	-0.1038-1.0504i	0.3918+0.5734i	-0.5270-0.8164i	-1.1165+1.0949i	0.0906-0.6913i	-0.2088-0.5528i
63.2	1.2654+0.4467i	-0.3291-0.3400i	-0.1417-1.0136i	0.4265+0.5826i	-0.5649-0.8060i	-1.0725+1.0930i	0.0642-0.6526i	-0.1893-0.4932i
63.3	1.2300+0.4174i	-0.3254-0.3162i	-0.1299-0.9700i	0.4497+0.5834i	-0.6131-0.7707i	-1.0648+1.0940i	0.0103-0.6308i	-0.2290-0.4156i
63.4	1.2153+0.4301i	-0.3410-0.3141i	-0.1287-0.9645i	0.4853+0.5828i	-0.6423-0.7509i	-1.0432+1.1785i	0.0425-0.5753i	-0.2341-0.4948i
63.5	1.1973+0.4262i	-0.3453-0.3165i	-0.1623-0.9572i	0.5244+0.5797i	-0.6974-0.7079i	-0.9927+1.1951i	-0.0267-0.5510i	-0.1901-0.3728i
63.6	1.1821+0.3973i	-0.3320-0.2867i	-0.2051-0.8860i	0.5461+0.6044i	-0.7520-0.6774i	-0.9431+1.1054i	-0.1076-0.5980i	-0.2865-0.2918i
63.7	1.1778+0.4142i	-0.3430-0.2849i	-0.1511-0.8707i	0.5698+0.5616i	-0.7500-0.6633i	-0.9480+1.1502i	-0.0308-0.5285i	-0.2569-0.3567i
63.8	1.1676+0.4171i	-0.3489-0.2770i	-0.1424-0.8283i	0.6004+0.5487i	-0.7693-0.6444i	-0.9056+1.1540i	-0.0728-0.4883i	-0.2673-0.1791i
63.9	1.1704+0.4432i	-0.3595-0.2675i	-0.1461-0.8343i	0.5917+0.5546i	-0.8140-0.6367i	-0.8506+1.1471i	-0.0633-0.5501i	-0.4275-0.0930i
64.0	1.1663+0.4560i	-0.3511-0.2786i	-0.1328-0.7898i	0.6221+0.5282i	-0.8490-0.5818i	-0.8504+1.1188i	-0.1080-0.4461i	-0.3144-0.0744i
64.1	1.1728+0.4388i	-0.3628-0.2766i	-0.1703-0.7450i	0.6422+0.5080i	-0.9335-0.4837i	-0.7550+1.1072i	-0.1681-0.3676i	-0.1985+0.0362i
64.2	1.1800+0.4324i	-0.3680-0.2647i	-0.1294-0.7268i	0.6534+0.4936i	-0.9434-0.4026i	-0.7922+1.0712i	-0.1724-0.3325i	-0.1957+0.1175i
64.3	1.2178+0.4341i	-0.3847-0.2329i	-0.1498-0.7068i	0.6581+0.5014i	-0.9922-0.3691i	-0.7996+1.0591i	-0.1089-0.3122i	-0.1964-0.0159i
64.4	1.2128+0.4360i	-0.3822-0.2082i	-0.1322-0.6973i	0.6599+0.5159i	-1.0125-0.3051i	-0.8248+1.0467i	-0.1014-0.3254i	-0.1444-0.0080i
64.5	1.2084+0.4032i	-0.3685-0.1724i	-0.0763-0.6710i	0.6846+0.5113i	-1.0114-0.2427i	-0.8500+1.0373i	-0.1303-0.3671i	-0.1439+0.0635i
64.6	1.1986+0.3978i	-0.3482-0.1566i	-0.0411-0.6510i	0.7027+0.4953i	-0.9569-0.1847i	-0.8407+1.0156i	-0.1541-0.3487i	-0.0836+0.1698i
64.7	1.1841+0.4014i	-0.3220-0.1440i	-0.0668-0.6019i	0.7280+0.5100i	-0.9627-0.1030i	-0.8160+0.9275i	-0.2293-0.2920i	0.0901+0.1407i
64.8	1.2043+0.4059i	-0.3164-0.1492i	-0.0497-0.5770i	0.7585+0.5081i	-0.9618-0.0546i	-0.8574+0.8975i	-0.2128-0.2228i	0.1982+0.0086i
64.9	1.2174+0.4095i	-0.3077-0.1493i	0.0184-0.5628i	0.8026+0.4843i	-0.9482-0.0157i	-0.9899+0.9090i	-0.2524-0.1242i	0.3000-0.0615i
65.0	1.2029+0.3951i	-0.2806-0.1302i	0.1012-0.5495i	0.8237+0.4705i	-0.9138+0.0208i	-1.0790+0.9197i	-0.2476-0.1101i	0.2142-0.1410i
65.1	1.2000+0.4023i	-0.2653-0.1253i	0.0903-0.5454i	0.8356+0.4777i	-0.8797+0.0457i	-1.0620+0.9039i	-0.2266-0.1032i	0.1495-0.1568i
65.2	1.2098+0.4245i	-0.2504-0.1443i	0.0780-0.5563i	0.8632+0.4742i	-0.8575+0.0570i	-1.0908+0.9029i	-0.2717-0.0891i	0.0922-0.1242i
65.3	1.1955+0.4268i	-0.2092-0.1600i	0.1678-0.5489i	0.9156+0.4262i	-0.8141+0.1144i	-1.2184+0.9354i	-0.2774+0.0123i	0.0135-0.1770i
65.4	1.1946+0.4283i	-0.1785-0.1673i	0.2034-0.5123i	0.9558+0.3915i	-0.7818+0.1448i	-1.2835+0.9450i	-0.2962+0.1112i	0.0378-0.1859i
65.5	1.2143+0.4493i	-0.1852-0.1908i	0.1993-0.4770i	0.9919+0.3687i	-0.7695+0.1561i	-1.3065+0.9433i	-0.3545+0.2360i	0.2458-0.0981i
65.6	1.2399+0.4655i	-0.1769-0.1996i	0.2607-0.4610i	1.0160+0.3208i	-0.7777+0.1639i	-1.3860+0.9532i	-0.3077+0.3902i	0.2985-0.2653i
65.7	1.2461+0.4735i	-0.1651-0.2072i	0.2981-0.5011i	1.0056+0.2945i	-0.7675+0.1928i	-1.3852+0.9475i	-0.1951+0.3376i	0.1333-0.3108i
65.8	1.2664+0.4884i	-0.1694-0.2363i	0.3213-0.5611i	0.9876+0.2512i	-0.7595+0.2097i	-1.4055+1.0583i	-0.1120+0.4268i	0.1901-0.3451i
65.9	1.2873+0.4983i	-0.1714-0.2449i	0.3527-0.5748i	0.9755+0.2222i	-0.7519+0.2133i	-1.4316+1.1016i	-0.0154+0.4571i	0.1321-0.3868i
66.0	1.3125+0.4942i	-0.1616-0.2603i	0.3792-0.5710i	0.9720+0.1914i	-0.7310+0.2433i	-1.5090+1.1290i	0.0897+0.4728i	0.0239-0.4481i
66.1	1.3545+0.5111i	-0.1878-0.2831i	0.3753-0.6038i	0.9520+0.1625i	-0.7068+0.2693i	-1.5096+1.2005i	0.2241+0.4809i	0.0192-0.5392i
66.2	1.4006+0.5355i	-0.1956-0.2850i	0.3564-0.6105i	0.9518+0.1576i	-0.6967+0.2981i	-1.5362+1.2066i	0.2247+0.4667i	0.0256-0.5589i
66.3	1.4487+0.5120i	-0.1992-0.3050i	0.4035-0.5584i	0.9675+0.1080i	-0.6387+0.3346i	-1.6393+1.2024i	0.2000+0.5765i	0.1361-0.4927i
66.4	1.4675+0.4715i	-0.1932-0.3263i	0.4368-0.5560i	0.9564+0.0927i	-0.6088+0.3475i	-1.6688+1.3157i	0.2846+0.4834i	-0.1072-0.3734i
66.5	1.4955+0.4789i	-0.1813-0.3464i	0.4603-0.5802i	0.9519+0.0876i	-0.6336+0.3406i	-1.6857+1.4037i	0.3234+0.4662i	-0.1683-0.3075i
66.6	1.5623+0.4559i	-0.1947-0.3642i	0.5183-0.5759i	0.9555+0.0583i	-0.6110+0.3678i	-1.7957+1.5199i	0.3988+0.5197i	-0.1689-0.3164i
66.7	1.6161+0.4468i	-0.2144-0.3737i	0.4997-0.5987i	0.9512+0.0521i	-0.6010+0.3910i	-1.7758+1.5299i	0.3889+0.4692i	-0.1495-0.3021i
66.8	1.6388+0.4509i	-0.2482-0.3966i	0.4851-0.6826i	0.9149+0.0712i	-0.5904+0.4018i	-1.6235+1.6447i	0.4825+0.3317i	-0.2009-0.2587i
66.9	1.6755+0.3939i	-0.2615-0.4055i	0.5399-0.6786i	0.9063+0.0447i	-0.5565+0.4379i	-1.6994+1.7591i	0.5133+0.4154i	-0.1543-0.2517i
67.0	1.7253+0.4006i	-0.2762-0.4153i	0.5990-0.6639i	0.9170+0.0509i	-0.5392+0.4604i	-1.8143+1.8104i	0.5090+0.4184i	-0.1692-0.1970i
67.1	1.7392+0.3594i	-0.2878-0.4359i	0.6647-0.7108i	0.8922+0.0280i	-0.5275+0.4872i	-1.8805+1.9792i	0.6239+0.4089i	-0.2468-0.1739i
67.2	1.7792+0.3100i	-0.3120-0.4410i	0.7078-0.7230i	0.8806+0.0341i	-0.5090+0.4911i	-1.9142+2.1050i	0.7465+0.3587i	-0.3525-0.2116i
67.3	1.8446+0.2647i	-0.3465-0.4183i	0.6569-0.7033i	0.9004+0.0667i	-0.4773+0.5049i	-1.8381+2.0830i	0.7780+0.3693i	-0.3345-0.3341i
67.4	1.8684+0.2305i	-0.3731-0.4040i	0.7183-0.6938i	0.9252+0.0671i	-0.4550+0.5282i	-1.8578+2.0858i	0.7340+0.4363i	-0.1723-0.3186i
67.5	1.8757+0.1754i	-0.3796-0.4154i	0.6981-0.7023i	0.9303+0.0852i	-0.4473+0.5579i	-1.8017+2.1933i	0.7429+0.3129i	-0.2918-0.2012i
67.6	1.9032+0.1479i	-0.3777-0.4258i	0.7042-0.6832i	0.9389+0.1004i	-0.4176+0.6200i	-1.9098+2.3120i	0.7569+0.3681i	-0.3694-0.2036i
67.7	1.9010+0.0930i	-0.4041-0.4240i	0.8173-0.7057i	0.9511+0.0938i	-0.3735+0.6365i	-1.9473+2.4976i	0.8778+0.4388i	-0.3156-0.2267i
67.8	1.9436+0.0383i	-0.4290-0.4175i	0.8126-0.7128i	0.9962+0.1123i	-0.3287+0.6272i	-1.8565+2.5826i	0.9144+0.4073i	-0.2893-0.1624i
67.9	1.9760-0.0183i	-0.4402-0.4234i	0.8960-0.7331i	1.0316+0.1225i	-0.2678+0.6492i	-1.8754+2.8021i	1.1133+0.4106i	-0.3863-0.1929i
68.0	1.9637-0.0557i	-0.4255-0.4037i	0.9036-0.7422i	1.0504+0.0831i	-0.2304+0.6571i	-1.9192+2.7622i	1.1232+0.4501i	-0.4188-0.2693i
68.1	1.9793-0.0845i	-0.4411-0.3984i	0.9040-0.7789i	1.0814+0.0872i	-0.1957+0.6555i	-1.8853+2.8437i	1.1105+0.3075i	-0.5112-0.0962i
68.2	1.9416-0.1044i	-0.4438-0.3864i	0.9046-0.8259i	1.0962+0.0665i	-0.1698+0.6336i	-1.8039+2.8372i	1.0340+0.2427i	-0.4646+0.0532i
68.3	1.9545-0.1704i	-0.4489-0.4075i	1.0457-0.7781i	1.1513+0.0521i	-0.1014+0.6259i	-1.8370+3.1854i	1.2935+0.2850i	-0.5644+0.0587i
68.4	1.9816-0.2213i	-0.4995-0.4135i	1.1555-0.8332i	1.1904+0.0215i	-0.0254+0.6070i	-1.6586+3.4756i	1.5283+0.1705i	-0.5195+0.0926i
68.5	2.0160-0.3042i	-0.5064-0.4267i	1.0996-0.8515i	1.1918-0.0135i	-0.0161+0.6139i	-1.5971+3.6178i	1.5681+0.0749i	-0.5507+0.1226i
68.6	2.0042-0.3894i	-0.4999-0.3981i	1.0583-0.8509i	1.1946-0.0466i	0.0016+0.6065i	-1.5758+3.5455i	1.4942+0.0549i	-0.5422+0.0579i

68.7	2.0487-0.4154i	-0.5654-0.4165i	1.1367-0.9365i	1.2630-0.0406i	0.0318+0.6030i	-1.3543+3.8583i	1.5336-0.1068i	-0.5174+0.2408i
68.8	1.9762-0.4799i	-0.5965-0.3989i	1.2295-1.1204i	1.3038-0.0755i	0.0271+0.5090i	-0.9874+4.0402i	1.5652-0.4557i	-0.5499+0.4227i
68.9	1.9305-0.5203i	-0.5939-0.3870i	1.4143-1.0502i	1.3198-0.1015i	0.0920+0.5056i	-1.0351+4.1112i	1.8642-0.3626i	-0.6293+0.2707i
69.0	1.9122-0.5719i	-0.6168-0.3864i	1.4103-1.0033i	1.3659-0.1093i	0.1365+0.5099i	-0.8807+4.2086i	1.6450-0.4516i	-0.5017+0.5204i
69.1	1.8975-0.6338i	-0.6584-0.3897i	1.4633-1.0249i	1.4235-0.1558i	0.1516+0.5062i	-0.6759+4.3472i	1.5730-0.5830i	-0.4162+0.6585i
69.2	1.8816-0.6717i	-0.6889-0.3648i	1.5298-1.0794i	1.4294-0.2328i	0.1463+0.4756i	-0.4489+4.4057i	1.7360-0.5752i	-0.3744+0.5273i
69.3	1.8930-0.7151i	-0.7447-0.3166i	1.5947-1.1376i	1.4567-0.2820i	0.1784+0.4796i	-0.1303+4.3577i	1.6894-0.6769i	-0.2537+0.5390i
69.4	1.9072-0.7491i	-0.7714-0.2761i	1.6461-1.1597i	1.5012-0.2914i	0.2195+0.4792i	0.0178+4.2697i	1.6891-0.6016i	-0.1531+0.4212i
69.5	1.7997-0.7537i	-0.7542-0.2383i	1.8636-1.3276i	1.5169-0.3486i	0.2484+0.4172i	0.0812+4.1855i	1.9145-0.6680i	-0.2304+0.3357i
69.6	1.7032-0.6796i	-0.7420-0.1985i	1.8823-1.5245i	1.4996-0.4145i	0.2501+0.3423i	0.2730+4.0770i	1.9755-0.8488i	-0.2576+0.4369i
69.7	1.6504-0.7172i	-0.7623-0.1641i	2.0535-1.6212i	1.5395-0.5092i	0.3240+0.2892i	0.5031+4.1719i	2.2298-1.1952i	-0.4012+0.5920i
69.8	1.6522-0.6997i	-0.7647-0.1326i	2.0073-1.8710i	1.5242-0.6180i	0.3097+0.2300i	0.7764+4.0589i	2.0214-1.6700i	-0.3021+0.9348i
69.9	1.6528-0.7157i	-0.8019-0.1133i	2.2484-1.9781i	1.5464-0.6574i	0.3289+0.1380i	0.9977+4.2135i	2.3319-2.0284i	-0.2882+1.0464i
70.0	1.7682-0.7080i	-0.8114-0.1097i	2.2269-2.1599i	1.5380-0.6930i	0.3121+0.1318i	0.9994+4.2543i	2.1869-2.2645i	-0.1540+1.0604i
70.1	1.8159-0.7482i	-0.8194-0.0794i	2.1316-2.2582i	1.5352-0.7393i	0.2922+0.1181i	1.1136+4.1394i	1.7947-2.4893i	0.0622+1.1895i
70.2	1.8547-0.7772i	-0.8257-0.0359i	2.0768-2.5261i	1.5604-0.8374i	0.2495+0.1053i	1.3387+3.9682i	1.2738-2.6485i	0.4912+1.2572i
70.3	1.9038-0.7623i	-0.8135-0.0128i	2.0295-2.6875i	1.5164-0.8760i	0.2637+0.0953i	1.3174+3.8728i	0.9592-2.6662i	0.6739+1.1793i
70.4	2.0113-0.7221i	-0.8273-0.0003i	2.0072-2.9394i	1.5196-0.8505i	0.2448+0.0427i	1.3931+3.8218i	0.5287-2.7876i	0.9552+1.1781i
70.5	2.0056-0.8377i	-0.8208+0.0855i	2.1416-3.2022i	1.5426-0.9478i	0.2527-0.0659i	1.6094+3.6929i	0.3780-3.1264i	0.9832+1.1316i
70.6	2.0007-0.9435i	-0.7906+0.1572i	2.0989-3.3688i	1.5377-0.9837i	0.2160-0.1668i	1.7258+3.4978i	0.0564-3.3038i	1.0752+1.1017i
70.7	2.1453-1.0288i	-0.7834+0.1948i	1.9566-3.6871i	1.6082-1.0378i	0.1260-0.2172i	1.7653+3.4258i	-0.4032-3.0814i	1.3834+0.8708i
70.8	2.2084-1.1128i	-0.7780+0.2363i	2.0081-3.9006i	1.7090-1.0896i	0.0778-0.2970i	1.8706+3.5006i	-0.5166-2.9588i	1.5328+0.7098i
70.9	2.2455-1.2986i	-0.7119+0.2476i	1.5995-4.0502i	1.6579-1.1709i	-0.0197-0.2194i	1.6690+3.3874i	-0.7319-2.5386i	1.5160+0.3518i
71.0	2.2497-1.3987i	-0.6489+0.2710i	1.4448-4.3009i	1.7032-1.2799i	-0.1645-0.1968i	1.6534+3.2644i	-0.9873-2.2424i	1.6546+0.0718i
71.1	2.1490-1.5989i	-0.5954+0.3231i	1.2902-4.3854i	1.6912-1.4191i	-0.2442-0.2116i	1.7346+3.1774i	-0.9930-2.1405i	1.5363-0.1565i
71.2	2.0905-1.7520i	-0.5439+0.3056i	0.9822-4.7720i	1.6528-1.6398i	-0.3539-0.1228i	1.7567+3.2469i	-1.3285-1.7284i	1.7010-0.4616i
71.3	1.9868-1.7598i	-0.4831+0.3007i	0.9660-4.9480i	1.6573-1.7670i	-0.4565-0.1265i	1.8885+3.1986i	-1.2734-1.6768i	1.6870-0.5766i
71.4	1.8062-1.9474i	-0.4352+0.2920i	0.7192-4.9922i	1.5491-1.9692i	-0.4461-0.0515i	1.9444+3.2219i	-1.2819-1.5467i	1.5034-0.6584i
71.5	1.7902-2.0954i	-0.4154+0.2594i	0.4825-5.4296i	1.4836-2.2148i	-0.5218+0.0871i	1.9373+3.3798i	-1.4785-1.4324i	1.4664-0.8215i
71.6	1.5767-2.1500i	-0.3551+0.2578i	0.3658-5.4370i	1.3686-2.3516i	-0.5605+0.1319i	2.0918+3.2636i	-1.3950-1.3158i	1.4088-0.9158i
71.7	1.4186-2.1722i	-0.3287+0.2192i	0.0312-5.4851i	1.2111-2.4478i	-0.5715+0.2218i	2.2809+3.2013i	-1.3692-1.1764i	1.3151-0.9782i
71.8	1.3047-2.2465i	-0.3208+0.1639i	-0.5281-5.7980i	1.0000-2.6062i	-0.5841+0.3727i	2.4972+3.2626i	-1.4119-0.9948i	1.1834-1.1603i
71.9	1.0900-2.2635i	-0.2883+0.1382i	-0.9141-5.7969i	0.7519-2.7282i	-0.5683+0.4538i	2.7075+3.1363i	-1.3243-0.9276i	0.9987-1.2703i
72.0	0.9250-2.2456i	-0.2693+0.1351i	-1.1804-5.7537i	0.5229-2.7631i	-0.5413+0.4848i	2.7753+2.9699i	-1.3644-0.8748i	0.8804-1.2834i
72.1	0.7461-2.2369i	-0.2804+0.0886i	-1.8421-5.8410i	0.1839-2.7987i	-0.4812+0.6054i	3.0394+2.8548i	-1.4075-0.8334i	0.7264-1.2986i
72.2	0.5349-2.2185i	-0.2719+0.0737i	-2.3179-5.4505i	-0.0953-2.7389i	-0.3649+0.6490i	3.1410+2.5742i	-1.3457-0.7019i	0.4812-1.2572i
72.3	0.4624-2.1417i	-0.2658+0.0239i	-2.6827-5.5277i	-0.2559-2.7381i	-0.3741+0.7351i	3.2960+2.5293i	-1.3422-0.7470i	0.3839-1.3277i
72.4	0.4067-1.9949i	-0.2801-0.0695i	-3.0147-5.7169i	-0.4616-2.7106i	-0.3778+0.8651i	3.3835+2.5707i	-1.4581-0.7727i	0.2880-1.3201i
72.5	0.3279-1.8251i	-0.3005-0.1133i	-3.2137-5.3071i	-0.6523-2.5142i	-0.2636+0.9111i	3.2993+2.3147i	-1.5119-0.6658i	0.2165-1.2101i
72.6	0.2742-1.6797i	-0.3276-0.1301i	-3.4232-4.7764i	-0.8019-2.2784i	-0.1559+0.9034i	3.2648+2.0375i	-1.5182-0.5009i	0.1682-1.1013i
72.7	0.2805-1.5908i	-0.3695-0.1573i	-3.7295-4.6118i	-0.9251-2.1448i	-0.0819+0.9595i	3.3791+1.9048i	-1.5166-0.3387i	0.1552-1.1275i
72.8	0.2703-1.4940i	-0.3921-0.1909i	-3.7890-4.4415i	-0.9950-2.0804i	-0.0240+0.9864i	3.3707+1.8308i	-1.4581-0.2956i	0.1285-1.0860i
72.9	0.2712-1.4443i	-0.4469-0.2124i	-4.0399-4.3662i	-1.1079-2.0023i	0.0434+1.0212i	3.4535+1.7649i	-1.6090-0.2144i	0.1506-1.0367i
73.0	0.2608-1.3849i	-0.4753-0.1800i	-4.1469-3.8307i	-1.1531-1.7858i	0.1342+0.9667i	3.3959+1.4992i	-1.5385+0.0444i	0.1336-1.0144i
73.1	0.3137-1.3544i	-0.5110-0.1810i	-4.1671-3.6904i	-1.1900-1.6932i	0.1960+0.9577i	3.3680+1.4372i	-1.4069+0.1097i	0.0919-1.1169i
73.2	0.3321-1.2640i	-0.5571-0.2302i	-4.2879-3.6909i	-1.2950-1.5872i	0.2819+1.0146i	3.4088+1.4116i	-1.3844+0.0964i	0.0474-1.1042i
73.3	0.4111-1.2122i	-0.6162-0.2326i	-4.4672-3.4833i	-1.3005-1.4396i	0.3783+1.0173i	3.3860+1.3056i	-1.3586+0.2779i	0.0451-1.0888i
73.4	0.4398-1.1822i	-0.6718-0.1774i	-4.6260-2.9415i	-1.3227-1.2181i	0.5071+0.9466i	3.3296+1.0191i	-1.1929+0.4865i	-0.0289-1.1048i
73.5	0.4675-1.1350i	-0.7136-0.1852i	-4.7079-2.8611i	-1.3484-1.1312i	0.5776+0.9488i	3.3568+0.9925i	-1.1260+0.5900i	-0.0203-1.1557i
73.6	0.5687-1.1811i	-0.7741-0.1983i	-4.9315-2.9025i	-1.3841-1.1041i	0.6547+0.9864i	3.4680+1.0206i	-0.9976+0.6250i	-0.0738-1.2678i
73.7	0.5899-1.1641i	-0.7859-0.1803i	-4.8048-2.7639i	-1.3343-0.9891i	0.6815+0.9243i	3.3920+1.0120i	-0.8553+0.5568i	-0.0974-1.2771i
73.8	0.6072-1.2167i	-0.7997-0.0990i	-4.8303-2.2116i	-1.2470-0.7761i	0.7524+0.8063i	3.2931+0.7524i	-0.7154+0.6211i	-0.1911-1.2236i
73.9	0.6108-1.2431i	-0.8381-0.0663i	-4.8557-1.9170i	-1.2357-0.6429i	0.8394+0.7182i	3.2455+0.6005i	-0.6620+0.5701i	-0.2913-1.1852i
74.0	0.6952-1.1946i	-0.9097-0.0925i	-4.9676-2.1218i	-1.2237-0.6162i	0.8932+0.7182i	3.3253+0.7015i	-0.7473+0.5121i	-0.3222-1.2193i
74.1	0.7018-1.2533i	-0.9291-0.0208i	-5.0003-1.7708i	-1.1463-0.5155i	0.9396+0.6409i	3.2706+0.5341i	-0.6292+0.6003i	-0.3775-1.2463i
74.2	0.6696-1.2893i	-0.9415+0.0542i	-5.0690-1.3567i	-1.1062-0.3718i	0.9830+0.5392i	3.2271+0.3134i	-0.5155+0.6329i	-0.4868-1.2056i
74.3	0.6618-1.3386i	-0.9504+0.1097i	-5.0800-1.0571i	-1.0527-0.3067i	1.0033+0.4582i	3.1823+0.2024i	-0.3624+0.6824i	-0.5590-1.1950i
74.4	0.6355-1.3301i	-0.9349+0.1466i	-4.8157-0.9141i	-0.9705-0.2682i	0.9944+0.3862i	3.0475+0.1569i	-0.1851+0.6603i	-0.5987-1.2469i
74.5	0.6322-1.3549i	-0.9461+0.1987i	-4.9309-0.6809i	-0.9408-0.1976i	1.0206+0.3174i	3.0500+0.0135i	-0.1468+0.6624i	-0.6951-1.2273i
74.6	0.6633-1.4734i	-0.9866+0.2732i	-5.2245-0.3374i	-0.8845-0.1840i	1.0537+0.2327i	3.1401-0.0765i	-0.1618+0.6996i	-0.8173-1.1312i
74.7	0.5817-1.4828i	-0.9316+0.3080i	-4.8893-0.1337i	-0.8067-0.1606i	1.0005+0.1432i	2.9939-0.0936i	-0.0350+0.5910i	-0.8718-1.0421i
74.8	0.5712-1.4214i	-0.9259+0.3274i	-4.6550+0.0488i	-0.7368-0.1262i	1.0028+0.0742i	2.8432-0.1712i	0.0780+0.5139i	-0.8873-1.0028i
74.9	0.6349-1.4975i	-0.9839+0.3901i	-4.9396+0.2673i	-0.7014-0.0811i	1.0484+0.0178i	2.9223-0.3030i	0.1229+0.5549i	-0.9532-0.9835i

75.0	0.6129-1.5393i	-0.9740+0.4322i	-4.8990+0.4147i	-0.6512-0.0396i	1.0410-0.0305i	2.8760-0.3514i	0.0956+0.5061i	-1.0224-0.8852i
75.1	0.5244-1.5138i	-0.9097+0.4615i	-4.5503+0.6647i	-0.5799-0.0505i	0.9864-0.0763i	2.7344-0.4018i	0.1328+0.3975i	-1.0541-0.7844i
75.2	0.5339-1.6261i	-0.9081+0.5351i	-4.6144+1.0333i	-0.5378-0.0682i	0.9699-0.1515i	2.7448-0.4887i	0.2375+0.3406i	-1.1434-0.7768i
75.3	0.5295-1.6933i	-0.8917+0.5782i	-4.6137+1.2308i	-0.4816-0.0731i	0.9416-0.2085i	2.7294-0.5009i	0.2459+0.3275i	-1.1690-0.7085i
75.4	0.4132-1.6648i	-0.8261+0.6017i	-4.3070+1.4275i	-0.4401-0.0703i	0.8822-0.2637i	2.6082-0.5841i	0.2439+0.2764i	-1.1896-0.5515i
75.5	0.3570-1.7093i	-0.8036+0.6630i	-4.1207+1.7992i	-0.4271-0.0612i	0.8826-0.3115i	2.5319-0.7474i	0.2940+0.2217i	-1.2129-0.5082i
75.6	0.3479-1.7441i	-0.7952+0.6871i	-3.9627+1.9409i	-0.4035-0.1069i	0.8669-0.3382i	2.4905-0.7085i	0.2786+0.1764i	-1.2298-0.4430i
75.7	0.2824-1.7264i	-0.7417+0.7099i	-3.6213+2.0396i	-0.3840-0.1169i	0.7975-0.3865i	2.3771-0.7041i	0.2598+0.1245i	-1.2028-0.3791i
75.8	0.3014-1.7337i	-0.7416+0.7263i	-3.5820+1.9740i	-0.3621-0.0989i	0.7773-0.4127i	2.3714-0.6970i	0.2998+0.0874i	-1.2134-0.3967i
75.9	0.2766-1.7207i	-0.7119+0.7251i	-3.4227+2.0059i	-0.3028-0.0902i	0.7412-0.4288i	2.3121-0.6915i	0.2927+0.0307i	-1.2069-0.3262i
76.0	0.2619-1.7310i	-0.6972+0.7288i	-3.2301+1.9641i	-0.2812-0.0975i	0.7300-0.4497i	2.3100-0.6461i	0.2368-0.0044i	-1.2015-0.2400i
76.1	0.1840-1.7705i	-0.6589+0.7752i	-3.0650+2.1662i	-0.2749-0.0879i	0.6847-0.4958i	2.3110-0.7684i	0.2360-0.0144i	-1.1900-0.1425i
76.2	0.0729-1.8258i	-0.6103+0.8362i	-2.8708+2.4322i	-0.2534-0.0825i	0.6413-0.5575i	2.2981-0.9489i	0.2355-0.0449i	-1.2312-0.0420i
76.3	0.0032-1.7906i	-0.5743+0.8370i	-2.5659+2.4553i	-0.2645-0.1061i	0.5900-0.5618i	2.3005-0.9787i	0.2285-0.0757i	-1.1611-0.0234i
76.4	-0.0111-1.7001i	-0.5476+0.7958i	-2.3915+2.2255i	-0.2397-0.1171i	0.5532-0.5324i	2.2226-0.8751i	0.1826-0.0878i	-1.0544-0.0119i
76.5	-0.0474-1.7353i	-0.5545+0.8327i	-2.3716+2.3696i	-0.2379-0.1435i	0.5368-0.5498i	2.3183-0.9519i	0.1714-0.0921i	-1.0754+0.0472i
76.6	-0.0913-1.7293i	-0.5243+0.8457i	-2.2168+2.4029i	-0.2220-0.1504i	0.5015-0.5675i	2.3161-1.0043i	0.1726-0.1095i	-1.0768+0.1003i
76.7	-0.1374-1.6650i	-0.4603+0.8231i	-1.9122+2.2738i	-0.1759-0.1576i	0.4431-0.5659i	2.1696-0.9916i	0.1657-0.1695i	-1.0638+0.1453i
76.8	-0.1204-1.6103i	-0.4556+0.8063i	-1.8370+2.1495i	-0.1706-0.1672i	0.4330-0.5502i	2.1121-1.0248i	0.1357-0.1673i	-1.0384+0.1580i
76.9	-0.2227-1.6143i	-0.3991+0.8654i	-1.5861+2.2716i	-0.1850-0.1531i	0.3898-0.5697i	2.0458-1.2942i	0.1317-0.1569i	-1.0499+0.2071i
77.0	-0.3076-1.6622i	-0.3636+0.9097i	-1.4783+2.4347i	-0.1717-0.1908i	0.3398-0.6092i	2.1121-1.4098i	0.1075-0.1389i	-1.0304+0.3046i
77.1	-0.3299-1.6251i	-0.3482+0.9230i	-1.4025+2.3963i	-0.1838-0.2012i	0.3203-0.6238i	2.0794-1.5806i	0.0970-0.1166i	-0.9998+0.3219i
77.2	-0.3271-1.5628i	-0.3277+0.9224i	-1.3032+2.2452i	-0.1833-0.1872i	0.3134-0.5986i	2.0051-1.6927i	0.1107-0.0746i	-0.9800+0.3281i
77.3	-0.2627-1.4944i	-0.3123+0.8923i	-1.2838+2.0739i	-0.1515-0.1802i	0.2993-0.5693i	1.7708-1.6505i	0.1742-0.0964i	-0.9636+0.2887i
77.4	-0.2916-1.5142i	-0.3267+0.9164i	-1.2277+2.1644i	-0.1964-0.2254i	0.2736-0.5554i	1.9069-1.7839i	0.1661-0.1075i	-0.9577+0.2922i
77.5	-0.3245-1.5656i	-0.3187+0.9831i	-1.2112+2.3585i	-0.2182-0.2322i	0.2492-0.5859i	1.9653-2.0251i	0.1236-0.1068i	-0.9949+0.4465i
77.6	-0.3605-1.5287i	-0.2440+0.9917i	-1.0279+2.2714i	-0.2142-0.2025i	0.2154-0.5905i	1.6508-2.1390i	0.1750-0.1138i	-0.9561+0.5279i
77.7	-0.3532-1.4814i	-0.1987+0.9847i	-0.9137+2.1566i	-0.1888-0.2035i	0.2054-0.5763i	1.4007-2.1770i	0.2300-0.1467i	-0.9037+0.5137i
77.8	-0.3910-1.5011i	-0.1313+1.0171i	-0.8006+2.2163i	-0.1850-0.1878i	0.1744-0.5978i	1.1786-2.2434i	0.2508-0.2169i	-0.8821+0.5413i
77.9	-0.4636-1.6010i	-0.0933+1.0809i	-0.7284+2.3999i	-0.2180-0.2088i	0.1500-0.6288i	1.2251-2.3940i	0.1877-0.2945i	-0.9279+0.7081i
78.0	-0.4606-1.5746i	-0.0855+1.0907i	-0.6895+2.3028i	-0.2634-0.2049i	0.1446-0.6243i	1.0605-2.5491i	0.1624-0.2862i	-0.8751+0.7286i
78.1	-0.4011-1.4232i	-0.0272+0.9663i	-0.5688+1.9335i	-0.1990-0.1786i	0.1251-0.5594i	0.6258-2.1854i	0.1682-0.3039i	-0.7485+0.6789i
78.2	-0.4240-1.3690i	0.0341+0.9314i	-0.4099+1.7673i	-0.1836-0.1616i	0.0986-0.5380i	0.3703-2.1246i	0.1474-0.3034i	-0.6871+0.7168i
78.3	-0.4585-1.3812i	0.0804+0.9370i	-0.3499+1.7793i	-0.1909-0.1489i	0.0851-0.5453i	0.1781-2.0883i	0.1102-0.3175i	-0.6020+0.7287i
78.4	-0.5245-1.3603i	0.1449+0.9178i	-0.1439+1.7560i	-0.1940-0.1345i	0.0616-0.5348i	-0.0240-2.0630i	0.0789-0.3071i	-0.5538+0.7931i
78.5	-0.4925-1.3243i	0.1647+0.8754i	-0.1478+1.5515i	-0.1715-0.1174i	0.0635-0.5345i	-0.2293-1.9044i	0.0904-0.2849i	-0.4881+0.7728i
78.6	-0.5597-1.4009i	0.2221+0.8964i	-0.1561+1.6631i	-0.1706-0.1184i	0.0316-0.5501i	-0.3064-1.7975i	0.0719-0.3459i	-0.4988+0.8641i
78.7	-0.4544-1.4898i	0.1715+0.9086i	-0.3444+1.6056i	-0.1461-0.1655i	0.0680-0.5663i	-0.2721-1.6446i	0.1005-0.3969i	-0.5870+0.8406i
78.8	-0.4584-1.5535i	0.1663+0.9277i	-0.3827+1.5914i	-0.1592-0.1945i	0.0841-0.5915i	-0.2848-1.6544i	0.1114-0.3671i	-0.5190+0.8094i
78.9	-0.5287-1.6961i	0.1900+0.9785i	-0.3831+1.7340i	-0.1782-0.2340i	0.0712-0.6202i	-0.2525-1.7075i	0.0795-0.3879i	-0.4704+0.8247i
79.0	-0.7754-1.7946i	0.3292+1.0246i	-0.1567+1.8314i	-0.2375-0.2385i	-0.0171-0.6640i	-0.4848-1.7768i	0.0467-0.4172i	-0.3748+0.9833i
79.1	-1.0774-1.8248i	0.4716+1.0489i	0.0525+1.9683i	-0.3307-0.2371i	-0.0832-0.7045i	-0.6886-1.7951i	-0.0936-0.4717i	-0.2482+1.1410i
79.2	-1.4274-1.6206i	0.6573+0.9602i	0.4668+1.9761i	-0.3988-0.1309i	-0.2200-0.6852i	-0.9449-1.7514i	-0.1870-0.3658i	-0.0506+1.1234i
79.3	-1.4791-1.2356i	0.7443+0.7649i	0.7256+1.5957i	-0.3442-0.0162i	-0.2754-0.5942i	-1.4291-1.3457i	-0.0844-0.2774i	0.1706+0.9511i
79.4	-1.3979-0.9427i	0.7281+0.5947i	0.7887+1.2477i	-0.2913+0.0435i	-0.2862-0.4792i	-1.5131-1.0521i	-0.0631-0.1947i	0.3139+0.8387i
79.5	-1.3819-0.8588i	0.7061+0.5356i	0.7736+1.1476i	-0.2955+0.0550i	-0.2692-0.4458i	-1.4761-0.9610i	-0.0530-0.1922i	0.2912+0.7848i
79.6	-1.3388-0.7959i	0.6792+0.4711i	0.6405+1.0587i	-0.2649+0.0784i	-0.2815-0.4405i	-1.4222-0.5400i	-0.0781-0.2412i	0.3183+0.6845i
79.7	-1.2520-0.7012i	0.6522+0.4099i	0.6031+0.9910i	-0.2002+0.1092i	-0.2791-0.4161i	-1.3447-0.2915i	-0.0389-0.2637i	0.2960+0.6022i
79.8	-1.1806-0.6565i	0.6261+0.3537i	0.4474+0.9183i	-0.1616+0.1140i	-0.2772-0.4078i	-1.2097+0.1148i	-0.0188-0.3828i	0.2041+0.5420i
79.9	-1.1490-0.5482i	0.6097+0.3036i	0.5260+0.7407i	-0.1311+0.1348i	-0.2604-0.3610i	-1.2799+0.0553i	0.0238-0.3189i	0.2350+0.4776i
80.0	-1.1338-0.5012i	0.5872+0.2675i	0.5581+0.6501i	-0.1269+0.1307i	-0.2739-0.3654i	-1.1782+0.1725i	-0.0088-0.3195i	0.2739+0.4714i

2.1.72 Run 6 – VT000-200 – Accels 41–47

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	21.7855+0.0000i	13.4381+0.0000i	-7.3257+0.0000i	7.8489+0.0000i	9.4527+0.0000i	12.5691+0.0000i	3.6915+0.0000i
0.1	2.0382+0.5829i	1.5472+0.3244i	-0.6178-0.3564i	0.9822+0.4142i	0.9133+0.5277i	1.7021-0.7703i	-0.4783-0.2129i
0.2	-0.0842-0.2263i	0.0814-0.0447i	0.1011-0.1352i	0.0667+0.1050i	-0.0713+0.1325i	0.3913+0.0228i	-0.2008-0.0100i
0.3	-0.0034-0.1143i	-0.0101-0.0189i	0.0360-0.0860i	-0.0195-0.0032i	-0.0220-0.0047i	-0.1483-0.0178i	0.0003+0.0011i
0.4	0.0005-0.0133i	-0.0060-0.0001i	0.0456-0.0182i	-0.0119-0.0099i	-0.0069-0.0253i	-0.0240-0.0312i	0.0684+0.0389i
0.5	-0.0122+0.0056i	0.0067+0.0037i	0.0065-0.0034i	0.0038-0.0049i	0.0010-0.0199i	-0.0098-0.0015i	0.0740-0.0058i
0.6	-0.0108+0.0024i	0.0035+0.0031i	-0.0064+0.0071i	-0.0028+0.0031i	-0.0018-0.0027i	0.0021-0.0064i	0.0294-0.0416i
0.7	-0.0035+0.0004i	0.0013-0.0010i	-0.0032+0.0047i	-0.0056+0.0011i	-0.0031-0.0035i	-0.0159+0.0048i	0.0358-0.0146i
0.8	0.0022+0.0007i	-0.0003+0.0019i	-0.0008+0.0024i	0.0007+0.0011i	-0.0017+0.0017i	0.0019+0.0358i	0.0006+0.0269i
0.9	0.0021+0.0000i	0.0018+0.0032i	-0.0059-0.0002i	0.0005+0.0030i	0.0041+0.0015i	0.0074+0.0213i	0.0106+0.0158i
1.0	0.0005+0.0004i	0.0023+0.0012i	-0.0032-0.0022i	-0.0004+0.0004i	0.0034+0.0010i	0.0012-0.0046i	0.0649+0.0712i
1.1	0.0009+0.0018i	0.0033+0.0008i	-0.0049-0.0017i	0.0011-0.0010i	0.0024+0.0001i	-0.0002-0.0014i	0.0281+0.0251i
1.2	0.0026+0.0008i	0.0035+0.0001i	-0.0048-0.0015i	0.0015-0.0009i	0.0018+0.0008i	-0.0064+0.0045i	0.0382-0.0083i
1.3	0.0013+0.0001i	0.0046-0.0007i	-0.0075-0.0038i	0.0034-0.0008i	0.0015+0.0000i	-0.0055-0.0058i	0.0092-0.0190i
1.4	0.0013+0.0004i	0.0033+0.0007i	-0.0079-0.0030i	0.0060-0.0010i	0.0016+0.0001i	-0.0077-0.0062i	0.0055+0.0008i
1.5	0.0012+0.0064i	0.0024+0.0120i	-0.0098-0.0020i	0.0077-0.0048i	0.0016+0.0111i	-0.0097-0.0045i	0.0058-0.0133i
1.6	0.0105+0.0091i	0.0194+0.0197i	-0.0108-0.0027i	0.0060-0.0080i	0.0180+0.0170i	-0.0015-0.0055i	-0.0196+0.0104i
1.7	0.0174+0.0017i	0.0259+0.0073i	-0.0096-0.0020i	0.0092-0.0037i	0.0237+0.0070i	-0.0124+0.0001i	0.0098+0.0412i
1.8	0.0230-0.0017i	0.0290+0.0026i	-0.0100-0.0014i	0.0183-0.0028i	0.0249+0.0047i	-0.0105+0.0036i	0.0232+0.0186i
1.9	0.0327-0.0175i	0.0397-0.0019i	-0.0099-0.0053i	0.0258-0.0184i	0.0374-0.0010i	-0.0019-0.0011i	0.0287-0.0176i
2.0	0.0252-0.0393i	0.0761-0.0013i	-0.0155-0.0085i	0.0154-0.0406i	0.0730-0.0049i	-0.0043-0.0047i	0.1150-0.0398i
2.1	0.0139-0.0438i	0.0981-0.0801i	-0.0183-0.0087i	0.0017-0.0397i	0.0927-0.0800i	-0.0217-0.0097i	0.0763-0.0607i
2.2	0.0155-0.0520i	-0.0556-0.1132i	-0.0209-0.0079i	0.0149-0.0450i	-0.0579-0.1106i	-0.0262-0.0075i	-0.0835-0.0764i
2.3	-0.0082-0.1066i	-0.0903-0.0277i	-0.0259-0.0145i	-0.0052-0.1041i	-0.0890-0.0277i	-0.0270-0.0151i	-0.0968-0.0053i
2.4	-0.1383-0.0696i	-0.0504-0.0077i	-0.0413-0.0116i	-0.1412-0.0704i	-0.0434-0.0074i	-0.0391-0.0078i	-0.0730-0.0124i
2.5	-0.0870+0.0355i	-0.0379-0.0064i	-0.0382+0.0003i	-0.0911+0.0356i	-0.0325-0.0084i	-0.0360+0.0031i	-0.1023+0.0005i
2.6	-0.0196+0.0356i	-0.0310-0.0030i	-0.0351+0.0005i	-0.0219+0.0371i	-0.0313-0.0034i	-0.0346+0.0023i	-0.0780-0.0264i
2.7	-0.0110+0.0128i	-0.0262-0.0015i	-0.0372-0.0009i	-0.0140+0.0133i	-0.0269-0.0014i	-0.0388-0.0060i	-0.0130-0.0171i
2.8	-0.0117+0.0043i	-0.0216-0.0031i	-0.0408-0.0022i	-0.0151+0.0045i	-0.0221-0.0016i	-0.0377-0.0036i	-0.0073-0.0015i
2.9	-0.0146+0.0010i	-0.0200-0.0023i	-0.0440-0.0030i	-0.0167+0.0019i	-0.0195-0.0029i	-0.0454-0.0032i	-0.0136-0.0136i
3.0	-0.0172-0.0006i	-0.0192-0.0018i	-0.0478-0.0049i	-0.0176+0.0004i	-0.0175-0.0041i	-0.0491-0.0070i	-0.0252-0.0388i
3.1	-0.0166-0.0013i	-0.0135-0.0036i	-0.0513-0.0041i	-0.0187+0.0006i	-0.0155-0.0048i	-0.0522-0.0061i	0.0053+0.0032i
3.2	-0.0189-0.0017i	-0.0146-0.0043i	-0.0526-0.0040i	-0.0177-0.0005i	-0.0164-0.0062i	-0.0573-0.0092i	0.0265-0.0371i
3.3	-0.0233+0.0028i	-0.0176-0.0067i	-0.0592-0.0036i	-0.0242+0.0048i	-0.0138-0.0049i	-0.0536-0.0019i	0.0524-0.1309i
3.4	-0.0210+0.0113i	-0.0169-0.0069i	-0.0663-0.0086i	-0.0265+0.0134i	-0.0162-0.0043i	-0.0530-0.0085i	0.0407-0.0347i
3.5	-0.0085+0.0144i	-0.0158-0.0004i	-0.0722-0.0104i	-0.0137+0.0150i	-0.0149-0.0051i	-0.0501-0.0074i	-0.0508-0.0536i
3.6	-0.0011+0.0131i	-0.0143-0.0022i	-0.0858-0.0025i	-0.0040+0.0108i	-0.0170-0.0056i	-0.0568+0.0076i	0.0500+0.0018i
3.7	-0.0171-0.0057i	-0.0239+0.0010i	-0.0779+0.0068i	-0.0113-0.0047i	-0.0228-0.0004i	-0.0755+0.0085i	0.0214-0.0595i
3.8	-0.0170-0.0023i	-0.0200+0.0034i	-0.0827+0.0029i	-0.0151-0.0027i	-0.0183+0.0027i	-0.0814+0.0051i	0.0152-0.0252i
3.9	-0.0166-0.0020i	-0.0174+0.0000i	-0.0880-0.0001i	-0.0165-0.0022i	-0.0160-0.0006i	-0.0858-0.0009i	0.0123-0.0112i
4.0	-0.0163-0.0016i	-0.0188-0.0023i	-0.0940-0.0013i	-0.0170-0.0021i	-0.0177-0.0024i	-0.0894-0.0026i	0.0025+0.0118i
4.1	-0.0165-0.0015i	-0.0202-0.0019i	-0.1006-0.0015i	-0.0178-0.0023i	-0.0189-0.0007i	-0.0957-0.0033i	-0.0021+0.0026i
4.2	-0.0166-0.0016i	-0.0207+0.0007i	-0.1083-0.0019i	-0.0172-0.0014i	-0.0185+0.0011i	-0.1043-0.0022i	-0.0148-0.0231i
4.3	-0.0168-0.0016i	-0.0226+0.0043i	-0.1165-0.0034i	-0.0172-0.0011i	-0.0187+0.0026i	-0.1124-0.0038i	0.0079-0.0460i
4.4	-0.0175-0.0012i	-0.0234+0.0083i	-0.1273-0.0032i	-0.0172-0.0021i	-0.0203+0.0044i	-0.1223-0.0030i	0.0388-0.0528i
4.5	-0.0197-0.0018i	-0.0217+0.0131i	-0.1406-0.0036i	-0.0187-0.0024i	-0.0193+0.0095i	-0.1347-0.0027i	0.0188-0.0463i
4.6	-0.0218-0.0034i	-0.0180+0.0161i	-0.1493-0.0047i	-0.0196-0.0039i	-0.0178+0.0126i	-0.1384+0.0020i	-0.0189-0.0337i
4.7	-0.0182-0.0008i	-0.0084+0.0230i	-0.1621-0.0038i	-0.0197-0.0026i	-0.0094+0.0219i	-0.1491+0.0060i	-0.0066-0.0065i
4.8	-0.0148-0.0018i	0.0044+0.0224i	-0.1710-0.0028i	-0.0166-0.0034i	0.0073+0.0220i	-0.1630+0.0030i	0.0026-0.0358i
4.9	-0.0184-0.0016i	0.0151+0.0027i	-0.1778-0.0011i	-0.0172-0.0008i	0.0210+0.0031i	-0.1740+0.0076i	0.0245-0.0304i
5.0	-0.0168-0.0032i	-0.0061-0.0161i	-0.1967-0.0090i	-0.0137-0.0031i	-0.0060-0.0167i	-0.1872-0.0057i	-0.0171-0.0280i
5.1	-0.0142-0.0066i	-0.0128-0.0077i	-0.2143-0.0142i	-0.0131-0.0062i	-0.0130-0.0131i	-0.1997-0.0034i	-0.0170+0.0119i
5.2	-0.0090-0.0072i	-0.0119-0.0035i	-0.2339-0.0153i	-0.0085-0.0080i	-0.0151-0.0135i	-0.2121+0.0024i	0.1002+0.0357i
5.3	-0.0155-0.0217i	-0.0030-0.0025i	-0.2606-0.0108i	-0.0130-0.0233i	-0.0153-0.0091i	-0.2231+0.0008i	0.0824-0.0498i
5.4	-0.0213-0.0287i	0.0046-0.0086i	-0.2762-0.0181i	-0.0216-0.0311i	-0.0082-0.0072i	-0.2354-0.0265i	-0.1653-0.0343i
5.5	-0.0318-0.0302i	-0.0090-0.0296i	-0.3095-0.0122i	-0.0353-0.0322i	-0.0180-0.0132i	-0.2862-0.0303i	-0.1587+0.0431i
5.6	-0.0570-0.0022i	-0.0523-0.0148i	-0.3593+0.0243i	-0.0485-0.0090i	-0.0481-0.0061i	-0.3323+0.0399i	0.0332-0.0435i

5.7	-0.0485+0.0038i	-0.0436+0.0220i	-0.3865+0.0289i	-0.0486+0.0037i	-0.0294+0.0304i	-0.3798+0.0367i	-0.0028+0.0125i
5.8	-0.0382+0.0083i	-0.0218+0.0274i	-0.4174+0.0387i	-0.0385+0.0058i	-0.0126+0.0269i	-0.4059+0.0376i	-0.0139+0.0823i
5.9	-0.0389+0.0077i	-0.0027+0.0269i	-0.4505+0.0327i	-0.0356+0.0067i	0.0059+0.0226i	-0.4267+0.0380i	0.0379+0.0182i
6.0	-0.0401+0.0011i	0.0168+0.0080i	-0.4972+0.0175i	-0.0343+0.0015i	0.0223-0.0004i	-0.4681+0.0257i	0.0232+0.0097i
6.1	-0.0441+0.0048i	0.0067-0.0120i	-0.5726+0.0436i	-0.0365+0.0058i	0.0091-0.0191i	-0.5367+0.0478i	0.0073-0.0190i
6.2	-0.0452+0.0110i	-0.0084-0.0205i	-0.6437+0.0655i	-0.0350+0.0118i	-0.0091-0.0259i	-0.5989+0.0650i	0.0096-0.0299i
6.3	-0.0434+0.0121i	-0.0174-0.0194i	-0.7186+0.0815i	-0.0314+0.0128i	-0.0201-0.0221i	-0.6680+0.0752i	0.0016-0.0251i
6.4	-0.0396+0.0152i	-0.0220-0.0147i	-0.8144+0.1406i	-0.0252+0.0143i	-0.0234-0.0165i	-0.7602+0.1284i	0.0089-0.0124i
6.5	-0.0377+0.0178i	-0.0277-0.0135i	-0.9319+0.1781i	-0.0195+0.0159i	-0.0286-0.0144i	-0.8728+0.1619i	0.0037-0.0253i
6.6	-0.0372+0.0188i	-0.0312-0.0096i	-1.0902+0.2300i	-0.0157+0.0149i	-0.0324-0.0101i	-1.0195+0.2103i	-0.0035-0.0068i
6.7	-0.0323+0.0246i	-0.0311-0.0051i	-1.2976+0.3054i	-0.0060+0.0175i	-0.0329-0.0049i	-1.2146+0.2803i	-0.0120+0.0208i
6.8	-0.0285+0.0281i	-0.0296-0.0030i	-1.6429+0.4728i	0.0062+0.0157i	-0.0324-0.0022i	-1.5330+0.4381i	-0.0320+0.0312i
6.9	-0.0237+0.0391i	-0.0293-0.0051i	-2.0964+0.8489i	0.0208+0.0155i	-0.0337-0.0021i	-1.9546+0.7840i	-0.0309+0.0147i
7.0	-0.0033+0.0536i	-0.0367-0.0094i	-2.5613+1.7617i	0.0490+0.0078i	-0.0422-0.0036i	-2.3929+1.6297i	-0.0345+0.0405i
7.1	0.0593+0.0374i	-0.0573+0.0055i	-2.0847+3.8364i	0.0910-0.0563i	-0.0577+0.0205i	-1.9580+3.5602i	-0.0042+0.0727i
7.2	0.0891-0.0421i	-0.0512+0.0467i	0.1459+4.9092i	0.0620-0.1554i	-0.0427+0.0639i	0.1152+4.5643i	0.0332+0.0881i
7.3	0.0602-0.0862i	-0.0023+0.0503i	1.8321+4.2789i	-0.0083-0.1774i	0.0120+0.0618i	1.6891+3.9774i	0.0762+0.0675i
7.4	0.0229-0.1058i	0.0148+0.0089i	2.9242+2.8763i	-0.0645-0.1541i	0.0308+0.0145i	2.6995+2.6706i	0.0831-0.0078i
7.5	-0.0136-0.1124i	-0.0056-0.0046i	2.8153+1.6246i	-0.0893-0.1307i	0.0089-0.0024i	2.5960+1.5068i	0.0820-0.0588i
7.6	-0.0489-0.1108i	-0.0151-0.0009i	2.2404+0.8465i	-0.1073-0.1141i	-0.0026-0.0004i	2.0616+0.7916i	0.0694-0.0203i
7.7	-0.0575-0.1054i	-0.0163-0.0008i	1.9595+0.6449i	-0.1089-0.1057i	-0.0053-0.0017i	1.7996+0.6069i	0.0443-0.0058i
7.8	-0.0668-0.0994i	-0.0194-0.0019i	1.7103+0.4742i	-0.1120-0.0970i	-0.0090-0.0033i	1.5667+0.4455i	0.0487+0.0002i
7.9	-0.0778-0.1040i	-0.0223-0.0035i	1.6341+0.4305i	-0.1187-0.1016i	-0.0126-0.0043i	1.4937+0.4032i	0.0738+0.0045i
8.0	-0.0951-0.1081i	-0.0244-0.0023i	1.6180+0.3232i	-0.1342-0.1046i	-0.0155-0.0029i	1.4784+0.3066i	0.1220+0.0182i
8.1	-0.1165-0.1015i	-0.0245-0.0017i	1.5288+0.2041i	-0.1544-0.0973i	-0.0144-0.0017i	1.3946+0.1984i	0.1097+0.0287i
8.2	-0.1293-0.0989i	-0.0272-0.0025i	1.4993+0.1352i	-0.1671-0.0946i	-0.0158-0.0034i	1.3593+0.1352i	0.1068-0.0092i
8.3	-0.1489-0.1031i	-0.0304-0.0019i	1.4972+0.0473i	-0.1887-0.0965i	-0.0197-0.0030i	1.3548+0.0539i	0.1206-0.0138i
8.4	-0.1691-0.1035i	-0.0327+0.0008i	1.4962-0.0393i	-0.2084-0.0937i	-0.0211+0.0002i	1.3492-0.0250i	0.1038+0.0192i
8.5	-0.1939-0.0927i	-0.0337+0.0049i	1.4971-0.1490i	-0.2342-0.0797i	-0.0202+0.0040i	1.3438-0.1210i	0.1074-0.0098i
8.6	-0.2079-0.0864i	-0.0317+0.0072i	1.5074-0.2382i	-0.2500-0.0711i	-0.0189+0.0047i	1.3494-0.1991i	0.0903-0.0289i
8.7	-0.2224-0.0769i	-0.0299+0.0092i	1.5584-0.3842i	-0.2695-0.0571i	-0.0150+0.0059i	1.3873-0.3238i	0.1248-0.0184i
8.8	-0.2467-0.0537i	-0.0278+0.0072i	1.5700-0.5748i	-0.2953-0.0264i	-0.0120+0.0027i	1.3887-0.4872i	0.1217-0.0680i
8.9	-0.2776-0.0279i	-0.0293+0.0062i	1.6318-0.8398i	-0.3283+0.0125i	-0.0100+0.0001i	1.4365-0.7187i	0.1355-0.0467i
9.0	-0.2986+0.0201i	-0.0288+0.0095i	1.5456-1.2349i	-0.3440+0.0786i	-0.0084-0.0010i	1.3568-1.0539i	0.1849-0.0545i
9.1	-0.2994+0.0448i	-0.0264+0.0119i	1.4093-1.4036i	-0.3371+0.1087i	-0.0060-0.0016i	1.2347-1.1957i	0.1724-0.0901i
9.2	-0.3348+0.0939i	-0.0220+0.0088i	1.4447-1.9158i	-0.3679+0.1791i	0.0014-0.0090i	1.2551-1.6279i	0.1544-0.1602i
9.3	-0.3151+0.1932i	-0.0191+0.0020i	0.8187-2.6354i	-0.3138+0.3031i	-0.0006-0.0261i	0.7162-2.2301i	0.1168-0.2515i
9.4	-0.1949+0.2539i	-0.0237-0.0057i	-0.5446-2.6077i	-0.1370+0.3454i	-0.0196-0.0384i	-0.4362-2.1911i	-0.0074-0.2561i
9.5	-0.1220+0.2212i	-0.0303-0.0059i	-1.0718-1.9308i	-0.0500+0.2780i	-0.0333-0.0331i	-0.8747-1.6150i	-0.0589-0.1963i
9.6	-0.0864+0.1729i	-0.0331-0.0058i	-1.1738-1.3260i	-0.0205+0.2006i	-0.0379-0.0277i	-0.9563-1.1036i	-0.0641-0.1371i
9.7	-0.0674+0.1293i	-0.0361-0.0056i	-1.1636-0.8552i	-0.0109+0.1350i	-0.0410-0.0231i	-0.9439-0.7039i	-0.0649-0.0212i
9.8	-0.0776+0.0967i	-0.0380-0.0054i	-1.0019-0.6010i	-0.0328+0.0928i	-0.0426-0.0186i	-0.8040-0.4915i	-0.0583-0.0422i
9.9	-0.0869+0.0775i	-0.0386-0.0058i	-0.9126-0.4440i	-0.0505+0.0700i	-0.0438-0.0171i	-0.7217-0.3578i	-0.0387-0.0738i
10.0	-0.0968+0.0656i	-0.0437-0.0056i	-0.8321-0.3378i	-0.0679+0.0579i	-0.0471-0.0157i	-0.6517-0.2680i	-0.0290-0.0561i
10.1	-0.1058+0.0554i	-0.0441-0.0074i	-0.7711-0.2527i	-0.0815+0.0465i	-0.0446-0.0156i	-0.6026-0.1960i	-0.0163-0.0819i
10.2	-0.1180+0.0500i	-0.0469-0.0110i	-0.7145-0.1967i	-0.0990+0.0415i	-0.0469-0.0169i	-0.5537-0.1445i	-0.0057-0.0947i
10.3	-0.1277+0.0468i	-0.0536-0.0146i	-0.6750-0.1463i	-0.1110+0.0424i	-0.0531-0.0199i	-0.5136-0.0976i	-0.0026-0.0800i
10.4	-0.1333+0.0449i	-0.0618-0.0141i	-0.6478-0.1056i	-0.1158+0.0401i	-0.0602-0.0209i	-0.4796-0.0667i	0.0200-0.0577i
10.5	-0.1393+0.0426i	-0.0689-0.0092i	-0.6145-0.0666i	-0.1228+0.0367i	-0.0655-0.0171i	-0.4420-0.0468i	-0.0557-0.1003i
10.6	-0.1449+0.0376i	-0.0681-0.0061i	-0.5774-0.0450i	-0.1303+0.0307i	-0.0651-0.0132i	-0.4115-0.0387i	0.0400-0.0958i
10.7	-0.1506+0.0298i	-0.0700-0.0070i	-0.5551-0.0357i	-0.1372+0.0227i	-0.0658-0.0123i	-0.3972-0.0365i	0.0508-0.0603i
10.8	-0.1630+0.0279i	-0.0760-0.0060i	-0.5417-0.0312i	-0.1497+0.0206i	-0.0713-0.0123i	-0.3885-0.0338i	0.0256-0.0780i
10.9	-0.1733+0.0255i	-0.0820-0.0050i	-0.5394-0.0252i	-0.1626+0.0162i	-0.0777-0.0096i	-0.3901-0.0291i	0.0218-0.0768i
11.0	-0.1856+0.0221i	-0.0866-0.0041i	-0.5417-0.0200i	-0.1739+0.0133i	-0.0832-0.0090i	-0.3919-0.0274i	0.0260-0.0468i
11.1	-0.1974+0.0212i	-0.0910-0.0019i	-0.5479-0.0144i	-0.1855+0.0125i	-0.0868-0.0081i	-0.3960-0.0249i	0.0371-0.0773i
11.2	-0.2102+0.0218i	-0.0971+0.0004i	-0.5580-0.0071i	-0.1977+0.0124i	-0.0911-0.0053i	-0.4065-0.0215i	0.0497-0.0284i
11.3	-0.2227+0.0224i	-0.1044+0.0022i	-0.5693-0.0035i	-0.2117+0.0126i	-0.0967-0.0019i	-0.4142-0.0189i	0.1120-0.0322i
11.4	-0.2373+0.0208i	-0.1100+0.0061i	-0.5876+0.0032i	-0.2288+0.0119i	-0.1022+0.0010i	-0.4266-0.0121i	0.1111-0.0490i
11.5	-0.2485+0.0201i	-0.1150+0.0085i	-0.6024+0.0093i	-0.2397+0.0106i	-0.1059+0.0025i	-0.4407-0.0079i	0.0726-0.0681i
11.6	-0.2645+0.0207i	-0.1210+0.0092i	-0.6233+0.0144i	-0.2539+0.0098i	-0.1117+0.0027i	-0.4584-0.0024i	-0.0127-0.0478i
11.7	-0.2822+0.0186i	-0.1313+0.0075i	-0.6544+0.0209i	-0.2727+0.0071i	-0.1192+0.0039i	-0.4785+0.0071i	-0.0801+0.0306i
11.8	-0.2998+0.0208i	-0.1420+0.0098i	-0.6835+0.0270i	-0.2890+0.0093i	-0.1296+0.0075i	-0.4962+0.0121i	0.0543-0.0942i
11.9	-0.3186+0.0233i	-0.1526+0.0114i	-0.7168+0.0414i	-0.3067+0.0137i	-0.1397+0.0083i	-0.5215+0.0242i	0.1618-0.1018i

12.0	-0.3368+0.0254i	-0.1658+0.0145i	-0.7540+0.0531i	-0.3246+0.0150i	-0.1522+0.0094i	-0.5451+0.0306i	0.1768-0.0645i
12.1	-0.3640+0.0261i	-0.1854+0.0203i	-0.8060+0.0669i	-0.3494+0.0152i	-0.1677+0.0127i	-0.5735+0.0386i	0.1830-0.0732i
12.2	-0.3879+0.0275i	-0.2047+0.0235i	-0.8587+0.0850i	-0.3742+0.0150i	-0.1856+0.0158i	-0.6052+0.0546i	0.2305-0.0735i
12.3	-0.4156+0.0303i	-0.2296+0.0293i	-0.9155+0.1075i	-0.3983+0.0160i	-0.2089+0.0208i	-0.6379+0.0746i	0.2965-0.0486i
12.4	-0.4472+0.0373i	-0.2635+0.0407i	-0.9779+0.1372i	-0.4235+0.0180i	-0.2397+0.0310i	-0.6624+0.0935i	0.3879-0.0728i
12.5	-0.4775+0.0468i	-0.2973+0.0584i	-1.0377+0.1763i	-0.4510+0.0231i	-0.2717+0.0456i	-0.6849+0.1128i	0.3896-0.1570i
12.6	-0.5157+0.0533i	-0.3454+0.0907i	-1.1140+0.2170i	-0.4836+0.0202i	-0.3170+0.0759i	-0.7151+0.1219i	0.4720-0.2087i
12.7	-0.5536+0.0704i	-0.3933+0.1548i	-1.1943+0.2751i	-0.5217+0.0217i	-0.3620+0.1360i	-0.7432+0.1315i	0.5532-0.2909i
12.8	-0.5900+0.0906i	-0.4293+0.2294i	-1.2663+0.3364i	-0.5621+0.0223i	-0.3971+0.2032i	-0.7790+0.1352i	0.6146-0.3953i
12.9	-0.6317+0.1099i	-0.4396+0.3256i	-1.3447+0.4142i	-0.6159+0.0206i	-0.4061+0.2914i	-0.8313+0.1373i	0.6409-0.5309i
13.0	-0.6692+0.1311i	-0.4296+0.4155i	-1.4337+0.4957i	-0.6849+0.0252i	-0.3977+0.3781i	-0.8957+0.1383i	0.6529-0.6941i
13.1	-0.7158+0.1413i	-0.4129+0.4995i	-1.5528+0.5781i	-0.7655+0.0283i	-0.3886+0.4608i	-0.9788+0.1437i	0.6628-0.8784i
13.2	-0.7869+0.1412i	-0.4235+0.5977i	-1.7391+0.6945i	-0.8816+0.0305i	-0.4021+0.5582i	-1.0883+0.1507i	0.7033-1.0505i
13.3	-0.8640+0.1554i	-0.4291+0.7217i	-1.8999+0.8729i	-0.9948+0.0615i	-0.4097+0.6781i	-1.1855+0.1690i	0.7310-1.3217i
13.4	-0.9763+0.2066i	-0.3821+0.9416i	-2.0344+1.2296i	-1.1428+0.1556i	-0.3644+0.8945i	-1.3170+0.2092i	0.5653-1.7270i
13.5	-1.1170+0.2604i	-0.1937+1.2528i	-2.0535+1.6881i	-1.3123+0.2866i	-0.1790+1.2041i	-1.5172+0.2198i	0.1944-2.4601i
13.6	-1.2655+0.3621i	0.2324+1.4908i	-1.8308+2.1210i	-1.4416+0.4758i	0.2447+1.4442i	-1.7992+0.2832i	-0.6133-3.1223i
13.7	-1.4653+0.5138i	0.9219+1.3802i	-1.4064+2.2699i	-1.5422+0.6908i	0.9349+1.3441i	-2.2327+0.5004i	-2.0192-2.7328i
13.8	-1.6299+0.6787i	1.2157+1.0216i	-1.3334+2.1780i	-1.6363+0.8459i	1.2371+0.9874i	-2.5233+0.8177i	-2.7341-1.9928i
13.9	-1.8869+0.9448i	1.3957+0.5827i	-1.5081+2.1684i	-1.8405+1.0746i	1.4365+0.5424i	-2.9036+1.3162i	-3.0200-1.0860i
14.0	-2.2337+1.4434i	1.4467+0.1516i	-1.9128+2.5268i	-2.1537+1.5355i	1.5090+0.0898i	-3.3418+2.1306i	-3.2494-0.1458i
14.1	-2.3234+2.1296i	1.3758-0.1646i	-2.0560+3.2286i	-2.2335+2.1914i	1.4402-0.2545i	-3.3995+3.1155i	-3.0934+0.4502i
14.2	-1.7778+3.6128i	1.1170-0.6455i	-1.4229+4.8213i	-1.6848+3.6313i	1.1428-0.7964i	-2.5311+5.1104i	-2.5426+1.6152i
14.3	-0.3322+4.2779i	0.6871-0.8355i	0.3053+5.5160i	-0.2529+4.2623i	0.6498-1.0092i	-0.4846+5.9639i	-1.4509+2.1216i
14.4	1.4593+3.6658i	0.1824-0.7254i	2.3720+4.6827i	1.5046+3.6291i	0.0780-0.8587i	1.9474+5.0748i	-0.2784+1.7519i
14.5	1.9649+2.6954i	0.0214-0.5248i	2.9065+3.4895i	1.9897+2.6638i	-0.0947-0.6095i	2.6072+3.7630i	0.0530+1.2320i
14.6	1.9665+1.9323i	-0.0234-0.3602i	2.8583+2.5287i	1.9820+1.9061i	-0.1304-0.4101i	2.6064+2.7211i	0.1271+0.8379i
14.7	1.8703+1.4927i	-0.0306-0.2580i	2.6988+1.9621i	1.8854+1.4679i	-0.1288-0.2909i	2.4703+2.1081i	0.1067+0.6054i
14.8	1.7264+1.0707i	-0.0138-0.1629i	2.4733+1.4167i	1.7347+1.0460i	-0.1013-0.1834i	2.2533+1.5207i	0.0969+0.4478i
14.9	1.6091+0.8583i	0.0012-0.1241i	2.3131+1.1581i	1.6142+0.8348i	-0.0814-0.1363i	2.0974+1.2518i	0.0687+0.4335i
15.0	1.4372+0.6822i	0.0165-0.0993i	2.0749+0.9439i	1.4409+0.6592i	-0.0572-0.1046i	1.8781+1.0279i	0.0333+0.3427i
15.1	1.3000+0.5750i	0.0317-0.0852i	1.8694+0.8283i	1.3010+0.5532i	-0.0345-0.0871i	1.6920+0.8955i	0.0051+0.2332i
15.2	1.1903+0.4815i	0.0432-0.0696i	1.7126+0.7281i	1.1902+0.4625i	-0.0181-0.0693i	1.5451+0.7757i	-0.0685+0.1957i
15.3	1.0909+0.4269i	0.0507-0.0679i	1.5857+0.6946i	1.0890+0.4072i	-0.0045-0.0642i	1.4206+0.7213i	-0.1182+0.1653i
15.4	0.9998+0.3784i	0.0571-0.0643i	1.4758+0.6512i	0.9965+0.3597i	0.0079-0.0595i	1.3071+0.6662i	-0.0697+0.0767i
15.5	0.9389+0.3449i	0.0568-0.0584i	1.4043+0.6063i	0.9356+0.3262i	0.0101-0.0526i	1.2332+0.6153i	-0.1160+0.0028i
15.6	0.8732+0.3112i	0.0584-0.0540i	1.3146+0.5696i	0.8698+0.2919i	0.0158-0.0473i	1.1433+0.5726i	-0.1189+0.0353i
15.7	0.8289+0.3003i	0.0571-0.0541i	1.2801+0.5570i	0.8226+0.2821i	0.0180-0.0482i	1.1038+0.5585i	-0.1457-0.0178i
15.8	0.7749+0.2832i	0.0556-0.0536i	1.2297+0.5389i	0.7657+0.2662i	0.0196-0.0463i	1.0517+0.5444i	-0.1734-0.0298i
15.9	0.7373+0.2733i	0.0575-0.0503i	1.1760+0.5166i	0.7297+0.2557i	0.0202-0.0414i	1.0016+0.5275i	-0.1633+0.0058i
16.0	0.6936+0.2665i	0.0502-0.0457i	1.1482+0.4756i	0.6852+0.2504i	0.0173-0.0382i	0.9798+0.4900i	-0.1600+0.0405i
16.1	0.6571+0.2668i	0.0483-0.0454i	1.0964+0.4827i	0.6481+0.2511i	0.0189-0.0384i	0.9376+0.4868i	-0.1885+0.0563i
16.2	0.6345+0.2794i	0.0446-0.0520i	1.0577+0.4950i	0.6250+0.2649i	0.0172-0.0440i	0.9014+0.4947i	-0.1734+0.1117i
16.3	0.6266+0.2865i	0.0396-0.0526i	1.0383+0.4898i	0.6167+0.2714i	0.0132-0.0442i	0.8831+0.4825i	-0.1499+0.0897i
16.4	0.6255+0.2816i	0.0338-0.0445i	1.0333+0.4798i	0.6168+0.2666i	0.0076-0.0381i	0.8740+0.4723i	-0.1800+0.0452i
16.5	0.6197+0.2676i	0.0287-0.0443i	1.0326+0.4725i	0.6113+0.2535i	0.0037-0.0379i	0.8695+0.4690i	-0.1922+0.0406i
16.6	0.6048+0.2582i	0.0229-0.0319i	1.0289+0.4283i	0.5949+0.2437i	-0.0005-0.0266i	0.8714+0.4269i	-0.2022+0.0592i
16.7	0.5844+0.2544i	0.0208-0.0198i	1.0069+0.4032i	0.5747+0.2370i	0.0000-0.0162i	0.8498+0.3966i	-0.1780+0.0588i
16.8	0.5718+0.2594i	0.0173-0.0127i	0.9948+0.4097i	0.5602+0.2396i	-0.0035-0.0104i	0.8276+0.3969i	-0.1869+0.0431i
16.9	0.5652+0.2557i	0.0180-0.0128i	0.9965+0.4015i	0.5504+0.2364i	-0.0039-0.0084i	0.8249+0.3967i	-0.2412+0.0682i
17.0	0.5563+0.2511i	0.0211-0.0080i	0.9662+0.3722i	0.5428+0.2307i	-0.0006-0.0051i	0.8055+0.3738i	-0.2470+0.0498i
17.1	0.5437+0.2613i	0.0217-0.0067i	0.9366+0.3748i	0.5301+0.2408i	0.0017-0.0038i	0.7866+0.3753i	-0.1758+0.0179i
17.2	0.5493+0.2642i	0.0184+0.0025i	0.9584+0.3749i	0.5317+0.2426i	0.0004+0.0066i	0.8013+0.3614i	-0.1323+0.0327i
17.3	0.5449+0.2627i	0.0274+0.0109i	0.9381+0.3433i	0.5264+0.2411i	0.0090+0.0122i	0.7727+0.3296i	-0.1974+0.0257i
17.4	0.5453+0.2660i	0.0313+0.0122i	0.9143+0.3319i	0.5258+0.2449i	0.0115+0.0127i	0.7492+0.3172i	-0.2092+0.0460i
17.5	0.5505+0.2639i	0.0374+0.0127i	0.9060+0.3292i	0.5285+0.2436i	0.0174+0.0139i	0.7344+0.3119i	-0.2058+0.0540i
17.6	0.5562+0.2622i	0.0408+0.0109i	0.9018+0.3265i	0.5313+0.2423i	0.0206+0.0137i	0.7262+0.3105i	-0.2358+0.0330i
17.7	0.5649+0.2589i	0.0442+0.0100i	0.9032+0.3149i	0.5369+0.2404i	0.0242+0.0114i	0.7216+0.3035i	-0.2654+0.0354i
17.8	0.5726+0.2508i	0.0470+0.0122i	0.9031+0.3022i	0.5418+0.2342i	0.0296+0.0126i	0.7108+0.2923i	-0.1936+0.0454i
17.9	0.5771+0.2404i	0.0496+0.0103i	0.8977+0.2901i	0.5460+0.2261i	0.0311+0.0132i	0.6983+0.2874i	-0.2072+0.0064i
18.0	0.5803+0.2260i	0.0481+0.0087i	0.8873+0.2697i	0.5496+0.2125i	0.0300+0.0108i	0.6915+0.2762i	-0.2292+0.0303i
18.1	0.5802+0.2079i	0.0493+0.0097i	0.8694+0.2391i	0.5501+0.1963i	0.0299+0.0098i	0.6711+0.2677i	-0.2087+0.0853i
18.2	0.5772+0.1931i	0.0506+0.0078i	0.8598+0.2322i	0.5473+0.1834i	0.0319+0.0082i	0.6607+0.2708i	-0.3002+0.0896i

18.3	0.5687+0.1787i	0.0514+0.0083i	0.8438+0.2171i	0.5387+0.1713i	0.0349+0.0102i	0.6503+0.2663i	-0.2236+0.0879i
18.4	0.5571+0.1718i	0.0512+0.0087i	0.8003+0.2088i	0.5299+0.1656i	0.0339+0.0108i	0.6252+0.2591i	-0.1885+0.0266i
18.5	0.5542+0.1709i	0.0495+0.0104i	0.7853+0.2312i	0.5258+0.1645i	0.0335+0.0114i	0.6206+0.2809i	-0.1886+0.0481i
18.6	0.5625+0.1691i	0.0483+0.0182i	0.8087+0.2586i	0.5340+0.1608i	0.0326+0.0182i	0.6483+0.2953i	-0.1706+0.0269i
18.7	0.5658+0.1510i	0.0545+0.0218i	0.8368+0.2458i	0.5351+0.1430i	0.0385+0.0227i	0.6776+0.2754i	-0.1424-0.0432i
18.8	0.5489+0.1361i	0.0584+0.0196i	0.8368+0.1998i	0.5159+0.1311i	0.0452+0.0209i	0.6739+0.2446i	-0.1166-0.0291i
18.9	0.5361+0.1291i	0.0653+0.0169i	0.8213+0.1777i	0.5043+0.1259i	0.0513+0.0188i	0.6612+0.2283i	-0.1408+0.0250i
19.0	0.5207+0.1208i	0.0674+0.0154i	0.8015+0.1604i	0.4879+0.1216i	0.0546+0.0165i	0.6446+0.2057i	-0.2270+0.0005i
19.1	0.5103+0.1162i	0.0704+0.0129i	0.7847+0.1539i	0.4778+0.1179i	0.0565+0.0127i	0.6310+0.1874i	-0.2730-0.0683i
19.2	0.4986+0.1171i	0.0745+0.0096i	0.7768+0.1458i	0.4692+0.1189i	0.0600+0.0084i	0.6148+0.1759i	-0.2220-0.0408i
19.3	0.4910+0.1195i	0.0752+0.0091i	0.7638+0.1359i	0.4606+0.1227i	0.0604+0.0093i	0.6022+0.1708i	-0.2361+0.0187i
19.4	0.4845+0.1210i	0.0831+0.0088i	0.7485+0.1399i	0.4527+0.1245i	0.0682+0.0092i	0.5787+0.1746i	-0.2570-0.0417i
19.5	0.4774+0.1210i	0.0837+0.0085i	0.7427+0.1264i	0.4456+0.1248i	0.0699+0.0062i	0.5639+0.1663i	-0.2525-0.0283i
19.6	0.4693+0.1233i	0.0796+0.0023i	0.7360+0.1222i	0.4359+0.1283i	0.0673+0.0023i	0.5471+0.1672i	-0.2569+0.0342i
19.7	0.4652+0.1240i	0.0799-0.0049i	0.7221+0.1083i	0.4332+0.1327i	0.0664-0.0066i	0.5305+0.1607i	-0.2755+0.0221i
19.8	0.4562+0.1308i	0.0845-0.0095i	0.7051+0.1047i	0.4237+0.1400i	0.0711-0.0108i	0.5122+0.1705i	-0.2903+0.0130i
19.9	0.4478+0.1344i	0.0823-0.0108i	0.6951+0.0936i	0.4170+0.1471i	0.0698-0.0115i	0.5029+0.1697i	-0.2793+0.0819i
20.0	0.4440+0.1433i	0.0787-0.0189i	0.6738+0.0884i	0.4151+0.1566i	0.0673-0.0201i	0.4920+0.1795i	-0.3112+0.0893i
20.1	0.4411+0.1490i	0.0767-0.0187i	0.6525+0.0911i	0.4126+0.1630i	0.0638-0.0223i	0.4808+0.1906i	-0.2996+0.0931i
20.2	0.4378+0.1573i	0.0725-0.0205i	0.6367+0.1007i	0.4109+0.1720i	0.0599-0.0228i	0.4770+0.2051i	-0.2883+0.0751i
20.3	0.4388+0.1648i	0.0661-0.0152i	0.6294+0.1071i	0.4138+0.1774i	0.0542-0.0165i	0.4838+0.2028i	-0.2400+0.0621i
20.4	0.4412+0.1794i	0.0658-0.0057i	0.6134+0.1050i	0.4163+0.1935i	0.0532-0.0108i	0.4738+0.1920i	-0.2612+0.0952i
20.5	0.4465+0.1859i	0.0762-0.0143i	0.6041+0.1124i	0.4210+0.1993i	0.0625-0.0188i	0.4636+0.1993i	-0.2487+0.0990i
20.6	0.4485+0.1964i	0.0753-0.0014i	0.5885+0.1137i	0.4241+0.2080i	0.0625-0.0076i	0.4508+0.1980i	-0.2312+0.1049i
20.7	0.4539+0.2065i	0.0795-0.0051i	0.5788+0.1223i	0.4284+0.2186i	0.0672-0.0109i	0.4423+0.2023i	-0.2638+0.0403i
20.8	0.4630+0.2131i	0.0943-0.0076i	0.5667+0.1397i	0.4354+0.2229i	0.0811-0.0133i	0.4281+0.2169i	-0.3398+0.0628i
20.9	0.4737+0.2165i	0.0997-0.0109i	0.5618+0.1421i	0.4459+0.2250i	0.0856-0.0142i	0.4162+0.2227i	-0.3122+0.1478i
21.0	0.4764+0.2197i	0.0931-0.0225i	0.5437+0.1434i	0.4497+0.2343i	0.0786-0.0264i	0.3985+0.2334i	-0.2947+0.1865i
21.1	0.4820+0.2291i	0.1152-0.0267i	0.5249+0.1585i	0.4531+0.2424i	0.0983-0.0314i	0.3862+0.2507i	-0.2961+0.1530i
21.2	0.4887+0.2352i	0.1038-0.0203i	0.5119+0.1794i	0.4623+0.2483i	0.0890-0.0265i	0.3753+0.2666i	-0.2682+0.1225i
21.3	0.4976+0.2403i	0.0954-0.0335i	0.4997+0.2082i	0.4723+0.2562i	0.0828-0.0430i	0.3701+0.2952i	-0.2737+0.1196i
21.4	0.5105+0.2527i	0.0904-0.0301i	0.5099+0.2419i	0.4838+0.2686i	0.0755-0.0410i	0.3829+0.3312i	-0.2361+0.1581i
21.5	0.5248+0.2523i	0.0897-0.0364i	0.5267+0.2591i	0.4974+0.2707i	0.0731-0.0475i	0.4061+0.3512i	-0.2491+0.1971i
21.6	0.5401+0.2564i	0.0783-0.0545i	0.5429+0.2852i	0.5139+0.2785i	0.0619-0.0605i	0.4281+0.3734i	-0.3014+0.1574i
21.7	0.5553+0.2590i	0.0909-0.0716i	0.5560+0.2953i	0.5287+0.2824i	0.0729-0.0760i	0.4377+0.3912i	-0.2972+0.1202i
21.8	0.5730+0.2601i	0.1030-0.0851i	0.5789+0.3120i	0.5491+0.2861i	0.0834-0.0895i	0.4622+0.4100i	-0.2573+0.1403i
21.9	0.5923+0.2556i	0.0834-0.0659i	0.6118+0.3177i	0.5707+0.2806i	0.0625-0.0739i	0.5030+0.4088i	-0.2464+0.0787i
22.0	0.6159+0.2555i	0.0546-0.0527i	0.6477+0.3294i	0.5959+0.2810i	0.0353-0.0634i	0.5491+0.4117i	-0.2582+0.1119i
22.1	0.6347+0.2463i	0.0698-0.0707i	0.6761+0.3171i	0.6178+0.2756i	0.0469-0.0774i	0.5788+0.4010i	-0.2460+0.1560i
22.2	0.6512+0.2319i	0.0636-0.0596i	0.6995+0.3053i	0.6399+0.2611i	0.0409-0.0666i	0.6087+0.3769i	-0.1922+0.0963i
22.3	0.6640+0.2191i	0.0460-0.0513i	0.7147+0.2883i	0.6544+0.2437i	0.0237-0.0587i	0.6307+0.3513i	-0.2044+0.0949i
22.4	0.6783+0.2013i	0.0509-0.0492i	0.7376+0.2638i	0.6691+0.2230i	0.0262-0.0548i	0.6511+0.3201i	-0.2121+0.0805i
22.5	0.6878+0.1858i	0.0527-0.0572i	0.7534+0.2383i	0.6819+0.2065i	0.0290-0.0604i	0.6638+0.2936i	-0.2348+0.0595i
22.6	0.6921+0.1677i	0.0572-0.0423i	0.7562+0.2054i	0.6844+0.1874i	0.0307-0.0478i	0.6631+0.2563i	-0.2733+0.1069i
22.7	0.6993+0.1540i	0.0706-0.0348i	0.7610+0.1894i	0.6897+0.1736i	0.0404-0.0395i	0.6570+0.2277i	-0.2856+0.1127i
22.8	0.7029+0.1408i	0.0822-0.0440i	0.7609+0.1664i	0.6932+0.1610i	0.0518-0.0443i	0.6485+0.2028i	-0.2149+0.1062i
22.9	0.7011+0.1253i	0.0904-0.0834i	0.7442+0.1429i	0.6921+0.1455i	0.0603-0.0783i	0.6342+0.1847i	-0.2576+0.1204i
23.0	0.7014+0.1184i	0.1036-0.1004i	0.7307+0.1376i	0.6918+0.1381i	0.0735-0.0921i	0.6170+0.1756i	-0.3046+0.1406i
23.1	0.7029+0.1099i	0.0814-0.1195i	0.7289+0.1239i	0.6955+0.1290i	0.0541-0.1085i	0.6120+0.1674i	-0.1778+0.2183i
23.2	0.7011+0.1002i	0.0641-0.1335i	0.7216+0.1061i	0.6977+0.1201i	0.0385-0.1212i	0.6049+0.1506i	-0.1984+0.0955i
23.3	0.7020+0.0908i	0.0424-0.1434i	0.7062+0.0964i	0.6996+0.1092i	0.0176-0.1299i	0.5930+0.1357i	-0.3433+0.1742i
23.4	0.7032+0.0853i	0.0336-0.1361i	0.7013+0.0958i	0.7014+0.1004i	0.0114-0.1233i	0.5877+0.1285i	-0.2753+0.2116i
23.5	0.7033+0.0769i	0.0269-0.1229i	0.6902+0.0843i	0.7019+0.0884i	0.0065-0.1129i	0.5751+0.1118i	-0.1862+0.1392i
23.6	0.7054+0.0680i	0.0106-0.1283i	0.6826+0.0722i	0.7060+0.0770i	-0.0085-0.1166i	0.5661+0.1010i	-0.2144+0.1383i
23.7	0.7075+0.0634i	0.0020-0.1323i	0.6833+0.0679i	0.7090+0.0700i	-0.0153-0.1188i	0.5587+0.0909i	-0.2355+0.1234i
23.8	0.7066+0.0559i	-0.0127-0.1396i	0.6757+0.0690i	0.7056+0.0618i	-0.0281-0.1269i	0.5430+0.0834i	-0.2184+0.1346i
23.9	0.7036+0.0473i	-0.0219-0.1402i	0.6640+0.0569i	0.7020+0.0491i	-0.0363-0.1280i	0.5281+0.0732i	-0.2221+0.1641i
24.0	0.7078+0.0394i	-0.0419-0.1322i	0.6660+0.0499i	0.7031+0.0411i	-0.0549-0.1207i	0.5133+0.0699i	-0.2170+0.1508i
24.1	0.7078+0.0334i	-0.0553-0.1012i	0.6579+0.0393i	0.7005+0.0364i	-0.0670-0.0938i	0.4984+0.0664i	-0.2652+0.1089i
24.2	0.7063+0.0308i	-0.0647-0.0883i	0.6438+0.0332i	0.6991+0.0341i	-0.0770-0.0822i	0.4827+0.0646i	-0.2982+0.0589i
24.3	0.7069+0.0309i	-0.0728-0.0802i	0.6327+0.0339i	0.6991+0.0304i	-0.0858-0.0754i	0.4678+0.0627i	-0.2864+0.0663i
24.4	0.7048+0.0313i	-0.0701-0.0711i	0.6213+0.0313i	0.6964+0.0267i	-0.0811-0.0655i	0.4575+0.0637i	-0.2469+0.1017i
24.5	0.7096+0.0277i	-0.0670-0.0470i	0.6174+0.0260i	0.6971+0.0255i	-0.0784-0.0456i	0.4471+0.0640i	-0.3236+0.1139i

24.6	0.7101+0.0241i	-0.0686-0.0391i	0.6032+0.0254i	0.6965+0.0236i	-0.0804-0.0373i	0.4377+0.0670i	-0.5380+0.1482i
24.7	0.7110+0.0210i	-0.0620-0.0360i	0.5820+0.0191i	0.6989+0.0186i	-0.0750-0.0345i	0.4281+0.0609i	-0.4176+0.1562i
24.8	0.7173+0.0120i	-0.0569-0.0323i	0.5751+0.0156i	0.7025+0.0098i	-0.0706-0.0310i	0.4203+0.0552i	-0.1861+0.0760i
24.9	0.7208+0.0053i	-0.0581-0.0292i	0.5623+0.0182i	0.7041+0.0040i	-0.0688-0.0279i	0.4097+0.0494i	-0.2189+0.0971i
25.0	0.7201+0.0001i	-0.0561-0.0200i	0.5504+0.0291i	0.7027-0.0014i	-0.0667-0.0184i	0.3959+0.0462i	-0.2723+0.1089i
25.1	0.7239-0.0053i	-0.0568-0.0112i	0.5460+0.0319i	0.7054-0.0074i	-0.0682-0.0098i	0.3817+0.0466i	-0.2854+0.0967i
25.2	0.7193-0.0117i	-0.0495-0.0109i	0.5296+0.0315i	0.7009-0.0145i	-0.0613-0.0108i	0.3592+0.0461i	-0.2797+0.0754i
25.3	0.7177-0.0095i	-0.0493-0.0126i	0.5154+0.0420i	0.6987-0.0134i	-0.0616-0.0121i	0.3411+0.0523i	-0.2782+0.0588i
25.4	0.7166-0.0112i	-0.0408-0.0072i	0.5019+0.0471i	0.7008-0.0140i	-0.0546-0.0086i	0.3262+0.0562i	-0.2885+0.0644i
25.5	0.7227-0.0091i	-0.0409-0.0054i	0.4884+0.0597i	0.7036-0.0125i	-0.0564-0.0071i	0.3128+0.0621i	-0.3003+0.0684i
25.6	0.7304-0.0077i	-0.0514-0.0050i	0.4832+0.0745i	0.7097-0.0137i	-0.0657-0.0054i	0.3024+0.0651i	-0.3088+0.0616i
25.7	0.7334-0.0140i	-0.0530-0.0015i	0.4747+0.0895i	0.7130-0.0192i	-0.0681-0.0035i	0.2849+0.0667i	-0.3170+0.0597i
25.8	0.7350-0.0090i	-0.0571+0.0046i	0.4698+0.1194i	0.7122-0.0132i	-0.0724+0.0024i	0.2626+0.0811i	-0.3647+0.0289i
25.9	0.7412+0.0005i	-0.0590+0.0112i	0.4701+0.1446i	0.7172-0.0080i	-0.0747+0.0068i	0.2470+0.0956i	-0.3818+0.0411i
26.0	0.7531-0.0003i	-0.0697+0.0223i	0.4712+0.1713i	0.7264-0.0101i	-0.0851+0.0182i	0.2246+0.1058i	-0.4170+0.0278i
26.1	0.7612-0.0070i	-0.0731+0.0401i	0.4793+0.2015i	0.7309-0.0169i	-0.0896+0.0350i	0.2005+0.1146i	-0.4595+0.0090i
26.2	0.7634-0.0095i	-0.0677+0.0567i	0.5104+0.2472i	0.7291-0.0245i	-0.0854+0.0494i	0.1718+0.1385i	-0.5178-0.0043i
26.3	0.7676-0.0081i	-0.0642+0.0757i	0.5464+0.2818i	0.7300-0.0255i	-0.0803+0.0667i	0.1513+0.1713i	-0.5715+0.0035i
26.4	0.7743-0.0014i	-0.0419+0.1011i	0.5931+0.3092i	0.7326-0.0231i	-0.0609+0.0906i	0.1404+0.2218i	-0.6221+0.0330i
26.5	0.7866+0.0019i	-0.0033+0.1175i	0.6673+0.3125i	0.7373-0.0174i	-0.0282+0.1062i	0.1481+0.2708i	-0.6895+0.1164i
26.6	0.8027+0.0073i	0.0335+0.1125i	0.7359+0.2766i	0.7470-0.0079i	0.0060+0.1021i	0.1686+0.3027i	-0.7186+0.2080i
26.7	0.8255+0.0093i	0.0606+0.0957i	0.7830+0.2230i	0.7626+0.0021i	0.0288+0.0857i	0.1981+0.3313i	-0.7044+0.2844i
26.8	0.8530+0.0042i	0.0793+0.0676i	0.8163+0.1670i	0.7863+0.0022i	0.0455+0.0631i	0.2274+0.3570i	-0.6856+0.3696i
26.9	0.8765-0.0023i	0.0902+0.0525i	0.8361+0.1186i	0.8093-0.0001i	0.0519+0.0480i	0.2512+0.3664i	-0.6718+0.4120i
27.0	0.8984-0.0235i	0.0940+0.0331i	0.8417+0.0649i	0.8305-0.0133i	0.0532+0.0299i	0.2689+0.3591i	-0.6783+0.5051i
27.1	0.9147-0.0388i	0.0930+0.0216i	0.8404+0.0155i	0.8441-0.0243i	0.0504+0.0192i	0.2786+0.3685i	-0.6772+0.6193i
27.2	0.9280-0.0555i	0.0907+0.0085i	0.8369-0.0402i	0.8581-0.0386i	0.0468+0.0105i	0.2860+0.3817i	-0.6327+0.7048i
27.3	0.9370-0.0796i	0.0906-0.0039i	0.8186-0.0965i	0.8642-0.0547i	0.0460+0.0025i	0.2998+0.3845i	-0.5521+0.7394i
27.4	0.9450-0.1003i	0.0802-0.0123i	0.7839-0.1403i	0.8651-0.0666i	0.0354-0.0025i	0.3162+0.3906i	-0.5612+0.8070i
27.5	0.9557-0.1095i	0.0772-0.0224i	0.7541-0.1784i	0.8780-0.0713i	0.0336-0.0128i	0.3277+0.4057i	-0.5199+0.8927i
27.6	0.9719-0.1336i	0.0689-0.0348i	0.7182-0.2395i	0.8959-0.0857i	0.0275-0.0211i	0.3463+0.4336i	-0.3998+0.9809i
27.7	0.9762-0.1545i	0.0651-0.0485i	0.6624-0.2872i	0.9035-0.1017i	0.0234-0.0302i	0.3820+0.4543i	-0.2762+1.0403i
27.8	0.9742-0.1695i	0.0515-0.0528i	0.5824-0.3117i	0.9068-0.1097i	0.0113-0.0302i	0.4350+0.4564i	-0.1227+1.0728i
27.9	0.9697-0.1832i	0.0360-0.0555i	0.4942-0.2880i	0.9133-0.1221i	-0.0005-0.0309i	0.4807+0.4214i	0.0391+0.9608i
28.0	0.9760-0.1938i	0.0243-0.0466i	0.4270-0.2511i	0.9239-0.1312i	-0.0082-0.0232i	0.5176+0.3852i	0.1803+0.8869i
28.1	0.9836-0.2099i	0.0198-0.0418i	0.3738-0.2032i	0.9361-0.1484i	-0.0121-0.0188i	0.5395+0.3382i	0.2342+0.7378i
28.2	0.9925-0.2220i	0.0166-0.0357i	0.3414-0.1571i	0.9482-0.1595i	-0.0170-0.0169i	0.5537+0.2980i	0.3171+0.5849i
28.3	0.9993-0.2355i	0.0090-0.0320i	0.3409-0.1126i	0.9566-0.1712i	-0.0238-0.0110i	0.5533+0.2502i	0.3237+0.5152i
28.4	1.0010-0.2470i	0.0097-0.0242i	0.3434-0.0887i	0.9615-0.1824i	-0.0201-0.0015i	0.5319+0.2169i	0.2853+0.4691i
28.5	1.0091-0.2540i	0.0144-0.0232i	0.3465-0.0562i	0.9732-0.1939i	-0.0161-0.0010i	0.5044+0.1977i	0.3200+0.2849i
28.6	1.0260-0.2738i	0.0141-0.0133i	0.3379-0.0245i	0.9938-0.2093i	-0.0189+0.0087i	0.4854+0.1706i	0.1931+0.2334i
28.7	1.0392-0.2880i	0.0157-0.0168i	0.3346-0.0066i	1.0096-0.2270i	-0.0166+0.0087i	0.4701+0.1575i	0.1720+0.1277i
28.8	1.0571-0.3047i	0.0173-0.0209i	0.3406+0.0116i	1.0292-0.2488i	-0.0165+0.0051i	0.4447+0.1531i	0.1121+0.1070i
28.9	1.0746-0.3355i	0.0168-0.0162i	0.3496+0.0182i	1.0436-0.2786i	-0.0216+0.0089i	0.4202+0.1407i	0.1217+0.1246i
29.0	1.0765-0.3571i	0.0200-0.0167i	0.3556+0.0431i	1.0441-0.3030i	-0.0171+0.0092i	0.3940+0.1380i	0.0699+0.1006i
29.1	1.0857-0.3868i	0.0251-0.0219i	0.3603+0.0532i	1.0564-0.3343i	-0.0104+0.0071i	0.3793+0.1390i	0.0150+0.1074i
29.2	1.0953-0.4158i	0.0252-0.0281i	0.3585+0.0626i	1.0650-0.3621i	-0.0080+0.0036i	0.3657+0.1403i	0.0105+0.1030i
29.3	1.0937-0.4529i	0.0259-0.0357i	0.3607+0.0743i	1.0636-0.4011i	-0.0078-0.0020i	0.3495+0.1417i	-0.0407+0.0899i
29.4	1.0928-0.5085i	0.0224-0.0344i	0.3636+0.0922i	1.0586-0.4545i	-0.0112+0.0008i	0.3326+0.1476i	-0.1029+0.0610i
29.5	1.0728-0.5455i	0.0202-0.0310i	0.3634+0.1037i	1.0370-0.4904i	-0.0116+0.0061i	0.3179+0.1515i	-0.0996+0.0778i
29.6	1.0454-0.5822i	0.0175-0.0319i	0.3641+0.1241i	1.0128-0.5264i	-0.0125+0.0097i	0.3026+0.1566i	-0.0830+0.0799i
29.7	1.0269-0.6036i	0.0173-0.0313i	0.3675+0.1416i	0.9944-0.5471i	-0.0131+0.0134i	0.2927+0.1630i	-0.1342+0.1034i
29.8	1.0089-0.6158i	0.0095-0.0292i	0.3821+0.1735i	0.9782-0.5614i	-0.0164+0.0156i	0.2782+0.1718i	-0.1431+0.1031i
29.9	0.9901-0.6464i	0.0056-0.0302i	0.4035+0.1966i	0.9587-0.5897i	-0.0188+0.0162i	0.2692+0.1806i	-0.1766+0.1360i
30.0	0.9688-0.6758i	0.0031-0.0275i	0.4293+0.2125i	0.9345-0.6182i	-0.0199+0.0187i	0.2578+0.1886i	-0.1927+0.1527i
30.1	0.9331-0.6956i	0.0022-0.0200i	0.4561+0.2223i	0.9031-0.6322i	-0.0185+0.0254i	0.2453+0.2031i	-0.2112+0.0778i
30.2	0.8894-0.7054i	-0.0024-0.0306i	0.4937+0.2015i	0.8618-0.6380i	-0.0205+0.0174i	0.2304+0.2203i	-0.2815+0.0921i
30.3	0.8652-0.6997i	-0.0068-0.0300i	0.5107+0.1885i	0.8366-0.6336i	-0.0233+0.0208i	0.2307+0.2442i	-0.3262+0.1124i
30.4	0.8532-0.6970i	-0.0093-0.0175i	0.5117+0.1868i	0.8255-0.6328i	-0.0235+0.0324i	0.2381+0.2620i	-0.3221+0.1138i
30.5	0.8269-0.7008i	-0.0155-0.0134i	0.5139+0.1915i	0.7985-0.6319i	-0.0244+0.0369i	0.2575+0.2777i	-0.2779+0.1069i
30.6	0.8044-0.7097i	-0.0185-0.0119i	0.5423+0.1980i	0.7771-0.6394i	-0.0216+0.0384i	0.2728+0.2816i	-0.2855+0.1128i
30.7	0.7743-0.7139i	-0.0127-0.0087i	0.5597+0.2076i	0.7526-0.6459i	-0.0131+0.0419i	0.2857+0.2785i	-0.2786+0.1024i
30.8	0.7361-0.6895i	-0.0127-0.0089i	0.5819+0.1992i	0.7212-0.6243i	-0.0110+0.0383i	0.2921+0.2643i	-0.2515+0.1196i

30.9	0.7179-0.6662i	-0.0059-0.0122i	0.6153+0.2027i	0.7145-0.6091i	-0.0033+0.0357i	0.2944+0.2537i	-0.2905+0.0429i
31.0	0.6991-0.6480i	-0.0140-0.0062i	0.6391+0.1844i	0.6904-0.5913i	-0.0058+0.0409i	0.2933+0.2371i	-0.3410+0.0704i
31.1	0.6901-0.6208i	-0.0173-0.0096i	0.6571+0.1661i	0.6743-0.5711i	-0.0078+0.0341i	0.2833+0.2179i	-0.3378+0.0985i
31.2	0.6884-0.5878i	-0.0183-0.0152i	0.6825+0.1604i	0.6699-0.5438i	-0.0092+0.0264i	0.2706+0.2007i	-0.3596+0.0654i
31.3	0.6909-0.5621i	-0.0219-0.0102i	0.7046+0.1376i	0.6626-0.5149i	-0.0082+0.0302i	0.2515+0.1957i	-0.3852+0.0497i
31.4	0.6927-0.5438i	-0.0262-0.0071i	0.7321+0.1082i	0.6566-0.4958i	-0.0077+0.0305i	0.2300+0.1868i	-0.4269+0.0535i
31.5	0.7066-0.5219i	-0.0297-0.0037i	0.7589+0.0798i	0.6670-0.4715i	-0.0117+0.0274i	0.1997+0.1843i	-0.5047+0.1008i
31.6	0.7219-0.5122i	-0.0325+0.0086i	0.7666+0.0417i	0.6805-0.4529i	-0.0171+0.0361i	0.1755+0.1907i	-0.5918+0.1622i
31.7	0.7374-0.4830i	-0.0397+0.0130i	0.7754+0.0019i	0.6957-0.4290i	-0.0213+0.0357i	0.1477+0.1975i	-0.6791+0.1203i
31.8	0.7588-0.4702i	-0.0411+0.0172i	0.7834-0.0280i	0.7060-0.4142i	-0.0241+0.0399i	0.1184+0.2079i	-0.6304+0.1556i
31.9	0.7887-0.4570i	-0.0498+0.0213i	0.7971-0.0733i	0.7289-0.4016i	-0.0327+0.0401i	0.0788+0.2258i	-0.6427+0.2420i
32.0	0.8150-0.4501i	-0.0585+0.0316i	0.7923-0.1155i	0.7444-0.3894i	-0.0425+0.0460i	0.0539+0.2514i	-0.6345+0.2236i
32.1	0.8429-0.4398i	-0.0618+0.0522i	0.7842-0.1571i	0.7695-0.3684i	-0.0487+0.0673i	0.0223+0.2867i	-0.7221+0.2640i
32.2	0.8633-0.4493i	-0.0436+0.0637i	0.7700-0.1942i	0.8022-0.3589i	-0.0332+0.0803i	0.0130+0.3227i	-0.7509+0.4076i
32.3	0.8991-0.4531i	-0.0405+0.0755i	0.7515-0.2417i	0.8331-0.3514i	-0.0323+0.0890i	0.0102+0.3684i	-0.7417+0.4939i
32.4	0.9442-0.4434i	-0.0473+0.0910i	0.7522-0.2999i	0.8569-0.3387i	-0.0433+0.1018i	-0.0056+0.4239i	-0.7362+0.5814i
32.5	0.9861-0.4451i	-0.0426+0.1119i	0.7295-0.3451i	0.8848-0.3302i	-0.0438+0.1188i	-0.0013+0.4686i	-0.7603+0.6427i
32.6	1.0222-0.4508i	-0.0360+0.1249i	0.6998-0.4081i	0.9229-0.3219i	-0.0404+0.1289i	0.0071+0.5237i	-0.7192+0.7947i
32.7	1.0555-0.4626i	-0.0124+0.1414i	0.6430-0.4404i	0.9692-0.3164i	-0.0179+0.1473i	0.0407+0.5578i	-0.5549+0.8565i
32.8	1.0890-0.4908i	0.0256+0.1613i	0.5726-0.4648i	1.0267-0.3125i	0.0197+0.1694i	0.0837+0.5777i	-0.5491+0.8823i
32.9	1.1254-0.5193i	0.0471+0.1832i	0.5095-0.5199i	1.0801-0.3092i	0.0402+0.1888i	0.1193+0.6199i	-0.5021+0.9388i
33.0	1.1697-0.5481i	0.0805+0.1873i	0.4139-0.5510i	1.1503-0.3296i	0.0704+0.1904i	0.1757+0.6468i	-0.3993+0.9922i
33.1	1.2079-0.5598i	0.1186+0.1673i	0.3381-0.5328i	1.2185-0.3565i	0.1038+0.1704i	0.2218+0.6424i	-0.2604+0.9947i
33.2	1.2711-0.5892i	0.1571+0.1360i	0.2452-0.4891i	1.3024-0.4062i	0.1316+0.1463i	0.2853+0.6217i	-0.1585+0.9589i
33.3	1.3210-0.6378i	0.1761+0.0980i	0.1552-0.4276i	1.3664-0.4873i	0.1448+0.1126i	0.3454+0.5825i	-0.0142+0.8456i
33.4	1.3651-0.6979i	0.1793+0.0765i	0.1100-0.3640i	1.4055-0.5581i	0.1445+0.0942i	0.3695+0.5338i	0.0441+0.7182i
33.5	1.3949-0.7962i	0.1780+0.0453i	0.1128-0.2762i	1.4251-0.6582i	0.1393+0.0728i	0.3615+0.4623i	0.0055+0.5878i
33.6	1.3945-0.8919i	0.1615+0.0230i	0.1216-0.1973i	1.4148-0.7579i	0.1255+0.0614i	0.3388+0.3986i	-0.1242+0.4033i
33.7	1.3865-0.9581i	0.1407+0.0049i	0.1557-0.1539i	1.3947-0.8359i	0.1080+0.0484i	0.2937+0.3653i	-0.2068+0.3650i
33.8	1.3835-1.0114i	0.1298+0.0005i	0.1898-0.1238i	1.3885-0.8861i	0.0970+0.0514i	0.2474+0.3366i	-0.2036+0.3538i
33.9	1.3640-1.0610i	0.1109+0.0124i	0.2478-0.1058i	1.3575-0.9284i	0.0876+0.0626i	0.1759+0.3321i	-0.2839+0.2414i
34.0	1.3408-1.1050i	0.1015+0.0153i	0.3018-0.1185i	1.3256-0.9596i	0.0865+0.0655i	0.1156+0.3456i	-0.4082+0.2997i
34.1	1.3267-1.1339i	0.1003+0.0224i	0.3371-0.1598i	1.3100-0.9777i	0.0869+0.0710i	0.0667+0.3792i	-0.5171+0.3761i
34.2	1.3158-1.1641i	0.0949+0.0271i	0.3640-0.2102i	1.2944-0.9962i	0.0840+0.0757i	0.0185+0.4272i	-0.5109+0.4768i
34.3	1.2969-1.1998i	0.0989+0.0371i	0.3506-0.2698i	1.2782-1.0136i	0.0881+0.0804i	0.0008+0.4890i	-0.5412+0.6417i
34.4	1.3111-1.2243i	0.1030+0.0515i	0.3348-0.3326i	1.2899-1.0138i	0.0866+0.0967i	-0.0137+0.5429i	-0.6474+0.6522i
34.5	1.3149-1.2598i	0.1154+0.0569i	0.2959-0.3723i	1.3097-1.0289i	0.1007+0.1053i	-0.0132+0.5868i	-0.6074+0.6902i
34.6	1.3133-1.3187i	0.1317+0.0608i	0.2435-0.4291i	1.3318-1.0638i	0.1173+0.1109i	-0.0045+0.6554i	-0.6165+0.7844i
34.7	1.3119-1.3649i	0.1390+0.0689i	0.1829-0.4779i	1.3546-1.0867i	0.1272+0.1191i	0.0144+0.7165i	-0.6233+0.8730i
34.8	1.3141-1.4230i	0.1611+0.0613i	0.1060-0.5039i	1.3870-1.1339i	0.1505+0.1127i	0.0369+0.7660i	-0.5516+0.9599i
34.9	1.2987-1.4666i	0.1756+0.0526i	0.0262-0.5101i	1.4028-1.1768i	0.1657+0.1072i	0.0736+0.7975i	-0.5414+0.9631i
35.0	1.2910-1.5208i	0.1991+0.0482i	-0.0865-0.4972i	1.4391-1.2338i	0.1878+0.1030i	0.1327+0.8178i	-0.5277+0.9992i
35.1	1.2889-1.5539i	0.2149+0.0432i	-0.1859-0.4824i	1.4759-1.2715i	0.2069+0.0976i	0.1841+0.8315i	-0.3930+1.1125i
35.2	1.2924-1.6028i	0.2252+0.0201i	-0.2836-0.4037i	1.5153-1.3469i	0.2188+0.0791i	0.2377+0.8143i	-0.3627+1.1789i
35.3	1.2899-1.6522i	0.2253+0.0083i	-0.3328-0.3231i	1.5222-1.4258i	0.2136+0.0648i	0.2576+0.7964i	-0.2657+1.1632i
35.4	1.2749-1.7189i	0.2312-0.0152i	-0.3489-0.2387i	1.5155-1.5204i	0.2197+0.0419i	0.2576+0.7800i	-0.2110+1.1592i
35.5	1.2646-1.7955i	0.2366-0.0302i	-0.3669-0.1573i	1.5101-1.6253i	0.2249+0.0311i	0.2594+0.7569i	-0.1435+1.1671i
35.6	1.2532-1.8568i	0.2353-0.0334i	-0.3901-0.0978i	1.5051-1.7025i	0.2242+0.0312i	0.2701+0.7487i	-0.0887+1.1380i
35.7	1.2283-1.9387i	0.2386-0.0564i	-0.3941-0.0080i	1.4844-1.8126i	0.2280+0.0129i	0.2575+0.7267i	-0.0804+1.0573i
35.8	1.1748-2.0010i	0.2327-0.0671i	-0.3836+0.0462i	1.4281-1.8916i	0.2254+0.0079i	0.2367+0.7358i	-0.0813+1.0602i
35.9	1.1371-2.0821i	0.2309-0.0782i	-0.3732+0.1030i	1.3895-1.9879i	0.2281-0.0040i	0.2193+0.7446i	-0.0379+1.0646i
36.0	1.0923-2.1598i	0.2326-0.0921i	-0.3587+0.1514i	1.3416-2.0830i	0.2319-0.0149i	0.2125+0.7674i	-0.0638+1.0523i
36.1	1.0305-2.2066i	0.2269-0.1078i	-0.3245+0.1963i	1.2656-2.1388i	0.2280-0.0283i	0.1977+0.7838i	-0.1187+1.0940i
36.2	0.9749-2.2464i	0.2196-0.1193i	-0.2989+0.2117i	1.2069-2.1848i	0.2238-0.0418i	0.1920+0.8231i	-0.0469+1.1356i
36.3	0.9285-2.3230i	0.2205-0.1341i	-0.2841+0.2360i	1.1621-2.2762i	0.2272-0.0505i	0.1842+0.8578i	-0.0145+1.1124i
36.4	0.8791-2.3738i	0.2172-0.1469i	-0.2720+0.2636i	1.0988-2.3396i	0.2278-0.0640i	0.1956+0.8921i	-0.0156+1.1203i
36.5	0.8172-2.4126i	0.2244-0.1524i	-0.2511+0.2793i	1.0397-2.3758i	0.2333-0.0677i	0.2019+0.9202i	-0.0332+1.1354i
36.6	0.7397-2.4929i	0.2278-0.1663i	-0.2333+0.3107i	0.9649-2.4642i	0.2370-0.0763i	0.2218+0.9453i	-0.0640+1.1185i
36.7	0.6864-2.5326i	0.2235-0.1797i	-0.2221+0.3278i	0.9153-2.5145i	0.2361-0.0869i	0.2417+0.9767i	0.0835+1.1397i
36.8	0.6344-2.5820i	0.2226-0.1935i	-0.2195+0.3503i	0.8690-2.5698i	0.2377-0.0988i	0.2614+1.0033i	0.1193+1.1871i
36.9	0.5486-2.6427i	0.2290-0.2180i	-0.1899+0.3726i	0.7884-2.6473i	0.2482-0.1182i	0.2792+1.0312i	0.1327+1.2073i
37.0	0.4746-2.6463i	0.2185-0.2346i	-0.1785+0.3877i	0.7087-2.6695i	0.2436-0.1311i	0.3021+1.0276i	0.2183+1.1092i
37.1	0.4597-2.6788i	0.2122-0.2522i	-0.1755+0.4152i	0.6852-2.7192i	0.2357-0.1460i	0.3049+1.0329i	0.1916+1.0945i

37.2	0.4314-2.7616i	0.2155-0.2764i	-0.1539+0.4285i	0.6575-2.8152i	0.2412-0.1664i	0.3016+1.0718i	0.1510+1.1536i
37.3	0.3564-2.8757i	0.2016-0.3145i	-0.1275+0.4282i	0.5793-2.9413i	0.2317-0.1941i	0.3206+1.1310i	0.2352+1.1762i
37.4	0.2323-2.9426i	0.1786-0.3364i	-0.1019+0.4359i	0.4431-3.0240i	0.2179-0.2107i	0.3437+1.1664i	0.3021+1.1502i
37.5	0.0774-3.0290i	0.1549-0.3659i	-0.0723+0.4307i	0.2747-3.1293i	0.2077-0.2332i	0.3730+1.2274i	0.3166+1.2088i
37.6	-0.0769-3.1057i	0.1170-0.3987i	-0.0702+0.4063i	0.1039-3.2210i	0.1851-0.2617i	0.4322+1.3070i	0.3831+1.4065i
37.7	-0.2041-3.1876i	0.0830-0.4281i	-0.0873+0.3892i	-0.0362-3.3149i	0.1638-0.2883i	0.4988+1.3677i	0.5732+1.4988i
37.8	-0.4298-3.2099i	0.0303-0.4482i	-0.1272+0.3834i	-0.2793-3.3659i	0.1241-0.3052i	0.6358+1.4028i	0.7984+1.4978i
37.9	-0.6093-3.1565i	-0.0200-0.4495i	-0.1518+0.4050i	-0.4893-3.3228i	0.0885-0.3138i	0.7507+1.3827i	0.9598+1.3380i
38.0	-0.8204-3.0442i	-0.0886-0.4228i	-0.1609+0.4455i	-0.7403-3.2072i	0.0442-0.3029i	0.8643+1.3092i	1.0361+1.1139i
38.1	-0.9694-2.9216i	-0.1528-0.3937i	-0.1714+0.4561i	-0.9372-3.0779i	-0.0051-0.2906i	0.9396+1.2470i	1.0749+0.9274i
38.2	-1.0474-2.8392i	-0.1854-0.3650i	-0.1885+0.4614i	-1.0418-2.9822i	-0.0309-0.2717i	0.9836+1.1969i	1.0532+0.7913i
38.3	-1.0734-2.7881i	-0.1946-0.3229i	-0.2151+0.4891i	-1.0747-2.9023i	-0.0402-0.2447i	1.0086+1.1494i	0.9981+0.7730i
38.4	-1.1337-2.7126i	-0.2082-0.2812i	-0.2600+0.5043i	-1.1438-2.7981i	-0.0530-0.2231i	1.0380+1.1175i	0.9632+0.6992i
38.5	-1.2409-2.7201i	-0.2299-0.2503i	-0.3074+0.5753i	-1.2706-2.7811i	-0.0777-0.2037i	1.0984+1.0751i	0.9226+0.6683i
38.6	-1.3609-2.6942i	-0.2365-0.2198i	-0.3413+0.6611i	-1.3936-2.7289i	-0.0865-0.1803i	1.1551+1.0187i	0.9227+0.5914i
38.7	-1.4639-2.6441i	-0.2309-0.1947i	-0.3412+0.7641i	-1.4890-2.6546i	-0.0847-0.1614i	1.1917+0.9402i	0.9340+0.4908i
38.8	-1.5552-2.5799i	-0.2252-0.1699i	-0.3236+0.8694i	-1.5721-2.5736i	-0.0869-0.1416i	1.2238+0.8537i	0.9227+0.4665i
38.9	-1.6670-2.4904i	-0.2185-0.1396i	-0.2196+0.9376i	-1.6721-2.4638i	-0.0816-0.1184i	1.2026+0.7766i	0.8764+0.4245i
39.0	-1.8317-2.3717i	-0.2101-0.1160i	-0.1232+1.0083i	-1.8185-2.3343i	-0.0741-0.1025i	1.1750+0.6898i	0.8894+0.4481i
39.1	-1.9095-2.2166i	-0.1925-0.1018i	-0.0230+1.0354i	-1.8759-2.1695i	-0.0573-0.0919i	1.1054+0.6368i	0.8549+0.3693i
39.2	-1.9781-2.0842i	-0.1745-0.0942i	0.0376+1.0469i	-1.9231-2.0453i	-0.0438-0.0892i	1.0705+0.5949i	0.8173+0.3689i
39.3	-2.0491-1.9452i	-0.1744-0.0932i	0.1028+1.0272i	-1.9864-1.9260i	-0.0455-0.0937i	1.0532+0.5781i	0.8133+0.3212i
39.4	-2.0979-1.8048i	-0.1706-0.0876i	0.1818+1.0338i	-2.0317-1.7962i	-0.0411-0.0919i	1.0024+0.5706i	0.8051+0.2601i
39.5	-2.1462-1.6661i	-0.1698-0.0847i	0.2244+1.0495i	-2.0839-1.6694i	-0.0434-0.0910i	0.9831+0.5275i	0.7900+0.2777i
39.6	-2.1470-1.4990i	-0.1764-0.0976i	0.2858+1.0404i	-2.0937-1.5288i	-0.0483-0.1085i	0.9584+0.5235i	0.7219+0.2704i
39.7	-2.0867-1.3446i	-0.2143-0.0823i	0.3614+0.9457i	-2.0731-1.3709i	-0.0913-0.0999i	0.9382+0.5567i	0.7253+0.2440i
39.8	-2.0496-1.2499i	-0.2196-0.0327i	0.3080+0.8843i	-2.0519-1.2472i	-0.1018-0.0523i	0.9830+0.5435i	0.7329+0.1682i
39.9	-1.9925-1.1507i	-0.1935-0.0129i	0.3152+0.9179i	-1.9907-1.1424i	-0.0773-0.0357i	0.9512+0.5001i	0.6627+0.1629i
40.0	-1.9656-1.0324i	-0.1877-0.0090i	0.3504+0.9550i	-1.9699-1.0236i	-0.0716-0.0377i	0.9187+0.4489i	0.5778+0.1176i
40.1	-1.9038-0.9604i	-0.1799-0.0103i	0.3619+0.9817i	-1.9157-0.9580i	-0.0698-0.0397i	0.9066+0.4084i	0.5207+0.1173i
40.2	-1.8667-0.9073i	-0.1707-0.0059i	0.4150+0.9653i	-1.8749-0.8957i	-0.0614-0.0369i	0.8700+0.4043i	0.5320+0.0956i
40.3	-1.8253-0.8936i	-0.1745-0.0003i	0.5069+0.9420i	-1.8468-0.8736i	-0.0696-0.0292i	0.7836+0.4243i	0.5247+0.1102i
40.4	-1.7687-0.8246i	-0.1765+0.0105i	0.5434+0.8761i	-1.8094-0.7830i	-0.0780-0.0201i	0.7455+0.4685i	0.4667+0.1350i
40.5	-1.7453-0.7544i	-0.1862+0.0198i	0.5439+0.8245i	-1.8061-0.6983i	-0.0899-0.0130i	0.7634+0.4976i	0.4243+0.1774i
40.6	-1.7149-0.7015i	-0.1826+0.0370i	0.5575+0.7967i	-1.7760-0.6207i	-0.0879+0.0020i	0.7548+0.5049i	0.3989+0.2016i
40.7	-1.6550-0.6555i	-0.1799+0.0660i	0.5499+0.7391i	-1.7118-0.5345i	-0.0845+0.0348i	0.7477+0.5386i	0.3811+0.2084i
40.8	-1.6265-0.6322i	-0.1623+0.0715i	0.5085+0.7347i	-1.6640-0.5080i	-0.0691+0.0419i	0.7821+0.5349i	0.3830+0.2308i
40.9	-1.6245-0.5772i	-0.1361+0.0841i	0.4557+0.7223i	-1.6206-0.4439i	-0.0400+0.0505i	0.8211+0.5375i	0.4093+0.2861i
41.0	-1.5749-0.5186i	-0.1212+0.0844i	0.4169+0.7730i	-1.5524-0.3912i	-0.0279+0.0517i	0.8475+0.4929i	0.4989+0.2460i
41.1	-1.5375-0.5033i	-0.1264+0.0851i	0.4526+0.8411i	-1.5334-0.3842i	-0.0317+0.0553i	0.8150+0.4234i	0.4807+0.2278i
41.2	-1.4837-0.4915i	-0.1060+0.1021i	0.5410+0.8163i	-1.4606-0.3289i	-0.0137+0.0662i	0.7338+0.4430i	0.4884+0.2420i
41.3	-1.4739-0.4642i	-0.1069+0.1008i	0.5446+0.7588i	-1.4326-0.2950i	-0.0144+0.0637i	0.7384+0.4754i	0.4456+0.1755i
41.4	-1.4345-0.4273i	-0.0925+0.0939i	0.4253+0.7999i	-1.3642-0.2836i	0.0025+0.0602i	0.8019+0.4357i	0.4554+0.2585i
41.5	-1.3967-0.3935i	-0.0876+0.0913i	0.4847+0.8976i	-1.3339-0.2724i	0.0085+0.0529i	0.7419+0.3710i	0.5408+0.2658i
41.6	-1.3529-0.3704i	-0.0891+0.0905i	0.5753+0.8883i	-1.3129-0.2592i	0.0052+0.0475i	0.6921+0.3685i	0.4967+0.2036i
41.7	-1.2917-0.3736i	-0.0898+0.0937i	0.6675+0.9201i	-1.2791-0.2537i	0.0005+0.0482i	0.6090+0.3502i	0.4318+0.1824i
41.8	-1.2732-0.3680i	-0.0901+0.0898i	0.7254+0.8571i	-1.2672-0.2327i	-0.0033+0.0476i	0.5698+0.3871i	0.4967+0.0897i
41.9	-1.2435-0.3985i	-0.0878+0.1003i	0.6994+0.8624i	-1.2350-0.2469i	0.0018+0.0605i	0.5774+0.3361i	0.5188+0.1717i
42.0	-1.2329-0.4240i	-0.0794+0.1369i	0.7309+0.8214i	-1.2155-0.2257i	0.0076+0.0923i	0.5035+0.3577i	0.4998+0.1532i
42.1	-1.2259-0.3994i	-0.0801+0.1545i	0.7196+0.8562i	-1.2056-0.1849i	0.0072+0.1050i	0.4843+0.3460i	0.5408+0.1512i
42.2	-1.2107-0.4007i	-0.0876+0.1699i	0.8537+0.8886i	-1.2038-0.1564i	0.0022+0.1205i	0.3476+0.3376i	0.5643+0.0635i
42.3	-1.2155-0.3927i	-0.0666+0.1932i	0.9691+0.8045i	-1.1943-0.1103i	0.0216+0.1452i	0.2203+0.4357i	0.5852-0.0230i
42.4	-1.2332-0.3848i	-0.0368+0.2048i	1.0008+0.7161i	-1.1768-0.0585i	0.0507+0.1564i	0.1786+0.5645i	0.5443-0.0298i
42.5	-1.2336-0.3602i	-0.0059+0.1952i	1.0209+0.6698i	-1.1238-0.0422i	0.0810+0.1440i	0.1843+0.6386i	0.4487-0.0140i
42.6	-1.2424-0.3336i	-0.0101+0.2019i	1.0452+0.5427i	-1.1031-0.0128i	0.0797+0.1501i	0.2081+0.7622i	0.4162+0.0388i
42.7	-1.2172-0.2981i	-0.0018+0.1861i	1.0179+0.4975i	-1.0617-0.0092i	0.0882+0.1293i	0.2672+0.8027i	0.4500+0.0467i
42.8	-1.1653-0.3002i	-0.0310+0.1956i	1.0947+0.4593i	-1.0505-0.0039i	0.0504+0.1371i	0.1707+0.7812i	0.5278-0.1420i
42.9	-1.2142-0.3009i	-0.0165+0.2661i	1.0535+0.2898i	-1.0620+0.0734i	0.0710+0.2106i	0.1517+0.9489i	0.4227-0.2163i
43.0	-1.2373-0.2450i	0.0681+0.2933i	0.9341+0.2646i	-1.0041+0.1308i	0.1623+0.2286i	0.2581+1.0408i	0.3680-0.1944i
43.1	-1.2154-0.1960i	0.1588+0.2591i	0.9202+0.3305i	-0.9100+0.1389i	0.2478+0.1856i	0.3225+1.0164i	0.2815-0.2058i
43.2	-1.1597-0.1890i	0.1604+0.2096i	1.1037+0.2471i	-0.8712+0.1191i	0.2376+0.1303i	0.2277+1.0455i	0.2306-0.2034i
43.3	-1.1383-0.1865i	0.1486+0.1814i	0.8933+0.0127i	-0.8330+0.1131i	0.2209+0.1058i	0.3712+1.2253i	0.2303-0.1303i
43.4	-1.1529-0.1668i	0.1581+0.1742i	0.6485+0.1130i	-0.8208+0.1062i	0.2359+0.0969i	0.5408+1.1240i	0.2012-0.0733i

43.5	-1.1579-0.1447i	0.1564+0.1921i	0.6752+0.2468i	-0.8366+0.1460i	0.2347+0.1123i	0.4573+1.0346i	0.2168-0.0907i
43.6	-1.1471-0.0884i	0.1729+0.1927i	0.7867+0.1914i	-0.7990+0.2197i	0.2472+0.1124i	0.3608+1.2013i	0.2377-0.1007i
43.7	-1.0790-0.0350i	0.1754+0.1582i	0.8341+0.0869i	-0.7124+0.2340i	0.2502+0.0700i	0.3588+1.3573i	0.2010-0.1208i
43.8	-1.0181-0.0233i	0.1723+0.1646i	0.7631-0.0138i	-0.6641+0.2516i	0.2401+0.0722i	0.4524+1.4618i	0.1546-0.1022i
43.9	-0.9828-0.0442i	0.2043+0.1738i	0.5980+0.0062i	-0.6083+0.2519i	0.2615+0.0794i	0.6190+1.5006i	0.1203-0.1155i
44.0	-0.9599-0.0820i	0.2218+0.1870i	0.5538+0.0389i	-0.5566+0.2582i	0.2674+0.0998i	0.7219+1.4899i	0.0722-0.1044i
44.1	-0.9935-0.1233i	0.2793+0.1801i	0.4250+0.0089i	-0.4961+0.2485i	0.3245+0.1026i	0.8716+1.5015i	0.0098-0.1352i
44.2	-1.0288-0.0845i	0.2996+0.1510i	0.3330+0.0750i	-0.4374+0.2702i	0.3531+0.0720i	1.0068+1.4834i	-0.0383-0.1040i
44.3	-1.0181-0.0293i	0.3079+0.1111i	0.4201+0.2358i	-0.3614+0.2114i	0.3592+0.0245i	1.0252+1.3073i	-0.0923-0.0246i
44.4	-1.0150+0.0220i	0.3136+0.0447i	0.6416+0.2907i	-0.3456+0.1169i	0.3605-0.0452i	0.8637+1.1624i	-0.2377+0.0302i
44.5	-0.9791+0.0386i	0.2655+0.0339i	0.6682+0.1396i	-0.3653+0.0956i	0.3127-0.0532i	0.8027+1.2774i	-0.1942+0.1577i
44.6	-0.9347+0.0515i	0.2678+0.0722i	0.5882+0.0110i	-0.3537+0.0930i	0.3035-0.0129i	0.8709+1.4154i	-0.2243+0.2149i
44.7	-0.8805+0.0466i	0.3101+0.1006i	0.5128-0.0938i	-0.3581+0.1200i	0.3401+0.0144i	0.9462+1.4997i	-0.2179+0.1816i
44.8	-0.8358+0.0664i	0.2978+0.0188i	0.3437-0.1463i	-0.3290+0.1067i	0.3249-0.0667i	1.1228+1.5259i	-0.2085+0.2746i
44.9	-0.7928+0.0319i	0.2329+0.0296i	0.3717+0.0896i	-0.3421+0.0973i	0.2521-0.0497i	1.0925+1.3117i	-0.0774+0.3227i
45.0	-0.8133+0.0048i	0.3024+0.0785i	0.4151-0.0075i	-0.3001+0.1340i	0.3231+0.0070i	1.0594+1.4057i	-0.0615+0.2315i
45.1	-0.8307+0.0015i	0.3193+0.0247i	0.2854-0.0297i	-0.2849+0.1153i	0.3496-0.0411i	1.1434+1.3806i	-0.1386+0.3053i
45.2	-0.8183+0.0270i	0.3033+0.0033i	0.2934-0.0573i	-0.2606+0.1480i	0.3346-0.0628i	1.1011+1.4594i	-0.1024+0.2897i
45.3	-0.8178+0.0200i	0.3152+0.0282i	0.1596-0.2141i	-0.1819+0.1926i	0.3493-0.0331i	1.2346+1.6440i	-0.1637+0.3017i
45.4	-0.7955+0.0397i	0.3245+0.0229i	-0.0400-0.1664i	-0.1069+0.1803i	0.3540-0.0325i	1.4670+1.6307i	-0.2436+0.4357i
45.5	-0.7825+0.0474i	0.2907+0.0337i	-0.0484-0.0313i	-0.0840+0.1145i	0.3299-0.0239i	1.5523+1.4579i	-0.2457+0.3178i
45.6	-0.7546+0.0272i	0.3275+0.0912i	-0.0754-0.0722i	-0.0706+0.1063i	0.3649+0.0201i	1.5559+1.4361i	-0.1597+0.2927i
45.7	-0.8057-0.0058i	0.4612+0.0878i	-0.3933-0.0311i	0.0339+0.1204i	0.4946+0.0286i	1.8015+1.4367i	-0.2253+0.2251i
45.8	-0.9207+0.0646i	0.5649-0.0095i	-0.5923+0.2403i	0.0925+0.0759i	0.6166-0.0662i	1.9228+1.2306i	-0.3114+0.2699i
45.9	-0.8928+0.2236i	0.5283-0.1854i	-0.4844+0.5776i	0.1119+0.0124i	0.5864-0.2598i	1.8577+1.0690i	-0.3595+0.5253i
46.0	-0.8069+0.2626i	0.4240-0.1889i	-0.3576+0.6284i	0.1471-0.0354i	0.4823-0.2675i	1.8521+1.0402i	-0.3195+0.6768i
46.1	-0.7829+0.3241i	0.4377-0.1556i	-0.3796+0.7812i	0.1854-0.1279i	0.5018-0.2480i	1.9183+0.8806i	-0.3504+0.7158i
46.2	-0.6460+0.3543i	0.4702-0.1183i	-0.2499+0.7837i	0.1588-0.1302i	0.5202-0.2288i	1.8702+0.8774i	-0.0729+0.8243i
46.3	-0.6421+0.2903i	0.6343-0.1963i	-0.4696+0.8758i	0.2456-0.1473i	0.6740-0.2955i	2.1088+0.7154i	-0.1655+0.7854i
46.4	-0.6347+0.3964i	0.5478-0.4450i	-0.2160+1.3850i	0.1981-0.3103i	0.5824-0.5555i	1.8526+0.2250i	-0.1628+1.0509i
46.5	-0.5265+0.3870i	0.3747-0.4132i	0.2654+1.2048i	0.0686-0.2781i	0.3914-0.5185i	1.4057+0.4114i	0.2242+1.0703i
46.6	-0.4720+0.3386i	0.3440-0.3537i	0.3070+0.9545i	0.0729-0.2304i	0.3574-0.4491i	1.4110+0.6422i	0.2961+0.9367i
46.7	-0.4326+0.2970i	0.3418-0.3213i	0.2692+0.7504i	0.1276-0.1836i	0.3497-0.4046i	1.4618+0.8246i	0.3240+0.8022i
46.8	-0.4289+0.3095i	0.3823-0.3173i	0.0295+0.6678i	0.2260-0.1405i	0.3984-0.3899i	1.7131+0.9503i	0.3252+0.7182i
46.9	-0.4210+0.3672i	0.4423-0.4336i	-0.0517+1.0489i	0.3067-0.2839i	0.4702-0.5154i	1.8683+0.5855i	0.2084+0.7996i
47.0	-0.2730+0.4107i	0.3208-0.5633i	0.3422+1.2065i	0.2480-0.3945i	0.3383-0.6577i	1.5621+0.3584i	0.3006+0.9451i
47.1	-0.1822+0.2750i	0.1339-0.4105i	0.5064+0.6402i	0.1644-0.2632i	0.1398-0.4814i	1.3178+0.8241i	0.5896+0.8159i
47.2	-0.1969+0.2472i	0.1543-0.3326i	0.2196+0.4866i	0.2353-0.2236i	0.1766-0.3995i	1.5743+1.0050i	0.6349+0.7517i
47.3	-0.1912+0.2385i	0.2169-0.3142i	-0.0447+0.6511i	0.3196-0.2642i	0.2426-0.3862i	1.8448+0.8687i	0.6275+0.7379i
47.4	-0.1563+0.2326i	0.2621-0.3363i	-0.1329+0.8944i	0.3899-0.3381i	0.2937-0.4159i	1.9769+0.6400i	0.5075+0.7217i
47.5	-0.1346+0.2468i	0.2726-0.3959i	-0.0399+1.1200i	0.3900-0.4188i	0.3066-0.4808i	1.9210+0.4213i	0.5311+0.6696i
47.6	-0.0206+0.2923i	0.2109-0.4885i	0.2512+1.3886i	0.3804-0.5089i	0.2400-0.5868i	1.7097+0.1702i	0.5992+0.7029i
47.7	0.0762+0.2496i	0.1150-0.4828i	0.6608+1.2579i	0.3160-0.5139i	0.1296-0.5792i	1.3929+0.2565i	0.7461+0.6062i
47.8	0.1051+0.1427i	0.1049-0.4188i	0.5917+0.9055i	0.3555-0.4850i	0.1228-0.5022i	1.4681+0.5441i	0.7274+0.4349i
47.9	0.0809+0.1021i	0.1448-0.4259i	0.4071+0.9635i	0.4115-0.5523i	0.1705-0.5161i	1.6573+0.4292i	0.6624+0.4421i
48.0	0.1600+0.0935i	0.0857-0.4508i	0.5650+0.9340i	0.3851-0.6001i	0.0988-0.5498i	1.4977+0.3967i	0.6697+0.4703i
48.1	0.1611-0.0268i	0.0610-0.3831i	0.4227+0.7578i	0.3944-0.6069i	0.0700-0.4727i	1.5934+0.5136i	0.7369+0.3970i
48.2	0.1799-0.0385i	0.0592-0.3925i	0.3689+0.8672i	0.4303-0.6763i	0.0695-0.4882i	1.6215+0.4044i	0.7512+0.4214i
48.3	0.2374-0.0384i	0.0361-0.3681i	0.4653+0.9620i	0.4108-0.6900i	0.0449-0.4711i	1.5255+0.3434i	0.8286+0.3817i
48.4	0.2917-0.1142i	0.0612-0.3377i	0.5968+0.8729i	0.4286-0.7108i	0.0617-0.4374i	1.4356+0.3982i	0.8018+0.2824i
48.5	0.2944-0.1598i	0.0742-0.3510i	0.5668+0.7601i	0.4476-0.7175i	0.0718-0.4462i	1.4660+0.4651i	0.7698+0.2574i
48.6	0.2897-0.1976i	0.0665-0.3567i	0.5040+0.6594i	0.4947-0.7500i	0.0686-0.4526i	1.4936+0.5378i	0.7523+0.2368i
48.7	0.3315-0.2109i	0.0504-0.3472i	0.4728+0.6918i	0.5053-0.8022i	0.0527-0.4511i	1.5325+0.5056i	0.7427+0.2380i
48.8	0.3933-0.3325i	0.0245-0.3234i	0.4389+0.6242i	0.4925-0.8675i	0.0207-0.4208i	1.5396+0.5259i	0.8054+0.2056i
48.9	0.3908-0.4413i	0.0373-0.2795i	0.3088+0.5470i	0.5121-0.8861i	0.0332-0.3678i	1.6337+0.5813i	0.8036+0.0279i
49.0	0.3443-0.5193i	0.0813-0.2692i	0.1605+0.5888i	0.5364-0.9395i	0.0785-0.3557i	1.7462+0.5512i	0.7081-0.0849i
49.1	0.3315-0.5646i	0.1209-0.2711i	-0.0073+0.5203i	0.6067-0.9592i	0.1206-0.3508i	1.8690+0.6075i	0.6875-0.1455i
49.2	0.2771-0.4800i	0.1926-0.3424i	-0.2992+0.8994i	0.6830-1.0204i	0.2108-0.4387i	2.1408+0.3118i	0.6797-0.0934i
49.3	0.3184-0.4629i	0.1614-0.4376i	-0.0767+1.3103i	0.6637-1.1678i	0.1722-0.5509i	1.9754-0.0290i	0.6815-0.0512i
49.4	0.3771-0.5221i	0.0746-0.4708i	0.2300+1.3405i	0.5948-1.2605i	0.0649-0.5895i	1.7385-0.0657i	0.6914-0.0290i
49.5	0.4033-0.5971i	0.0432-0.4129i	0.2056+1.2774i	0.5990-1.2833i	0.0252-0.5273i	1.7847-0.0402i	0.7356-0.1213i
49.6	0.4185-0.6828i	0.0567-0.4103i	0.3132+1.4033i	0.6056-1.3866i	0.0330-0.5234i	1.6848-0.1907i	0.7803-0.2370i
49.7	0.4446-0.7488i	0.0366-0.4424i	0.5120+1.3864i	0.5789-1.5060i	0.0102-0.5592i	1.4900-0.1765i	0.7449-0.1691i

49.8	0.5135-0.7935i	-0.0037-0.4681i	0.6070+1.3156i	0.5711-1.5635i	-0.0394-0.5877i	1.4481-0.1160i	0.6786-0.0880i
49.9	0.5906-0.8912i	-0.0750-0.4246i	0.5844+1.1519i	0.5859-1.5730i	-0.1219-0.5341i	1.5212-0.0203i	0.8620-0.2153i
50.0	0.5127-0.9935i	-0.0237-0.3861i	0.4763+1.3472i	0.5777-1.7070i	-0.0653-0.4928i	1.6138-0.1981i	0.7829-0.3449i
50.1	0.4984-1.1036i	-0.0471-0.4134i	0.6967+1.4258i	0.4740-1.8650i	-0.0985-0.5199i	1.4472-0.3276i	0.6642-0.3892i
50.2	0.5243-1.2488i	-0.0732-0.4044i	0.8314+1.3505i	0.4311-1.9536i	-0.1378-0.5057i	1.3232-0.3608i	0.6908-0.4170i
50.3	0.4907-1.3537i	-0.0855-0.4009i	0.8739+1.3506i	0.3848-2.0398i	-0.1562-0.4957i	1.2578-0.4155i	0.7303-0.4771i
50.4	0.4292-1.4734i	-0.1133-0.3875i	1.0254+1.3568i	0.2823-2.1393i	-0.1861-0.4723i	1.0832-0.4922i	0.7701-0.6332i
50.5	0.3463-1.5562i	-0.1237-0.3601i	1.2291+1.1776i	0.1612-2.1814i	-0.1983-0.4349i	0.8123-0.3457i	0.7098-0.7000i
50.6	0.2917-1.6430i	-0.1230-0.3448i	1.1869+0.9800i	0.0888-2.2190i	-0.1939-0.4149i	0.8286-0.1517i	0.6251-0.8007i
50.7	0.2863-1.7586i	-0.1332-0.3613i	1.1437+0.9561i	0.0621-2.3238i	-0.2086-0.4309i	0.8787-0.2088i	0.6056-0.8897i
50.8	0.2406-1.9675i	-0.1996-0.2923i	1.2875+0.8311i	-0.0659-2.4211i	-0.2947-0.3534i	0.6507-0.1415i	0.6150-0.9711i
50.9	0.0468-2.1650i	-0.1805-0.1854i	1.2021+0.5823i	-0.2005-2.4487i	-0.2690-0.2209i	0.6557+0.1421i	0.5236-1.1880i
51.0	-0.1330-2.2491i	-0.1046-0.1797i	1.0560+0.6255i	-0.2649-2.5617i	-0.1779-0.2128i	0.7820+0.0583i	0.3170-1.3303i
51.1	-0.3912-2.2480i	-0.0761-0.2060i	1.0754+0.6525i	-0.5012-2.6067i	-0.1426-0.2331i	0.7230+0.0411i	0.0543-1.2286i
51.2	-0.5806-2.3442i	-0.0716-0.1699i	1.1175+0.4913i	-0.6980-2.6365i	-0.1372-0.1915i	0.6231+0.1541i	-0.0924-1.2823i
51.3	-0.7028-2.3414i	-0.0509-0.1686i	1.0933+0.4499i	-0.7970-2.6324i	-0.1109-0.1947i	0.5912+0.1737i	-0.0822-1.2415i
51.4	-0.8604-2.3716i	-0.0597-0.1484i	1.1718+0.4276i	-0.9801-2.6351i	-0.1235-0.1674i	0.4625+0.2095i	-0.1542-1.3007i
51.5	-0.9625-2.3778i	-0.0807-0.1532i	1.3727+0.3096i	-1.1586-2.6292i	-0.1492-0.1661i	0.2456+0.3055i	-0.2485-1.2735i
51.6	-1.1241-2.5036i	-0.0986-0.0415i	1.3910-0.2440i	-1.3544-2.4874i	-0.1682-0.0295i	0.1167+0.7534i	-0.2720-1.4454i
51.7	-1.3839-2.5994i	-0.0026+0.0500i	1.0268-0.5658i	-1.3957-2.3826i	-0.0583+0.0839i	0.3322+1.0734i	-0.4080-1.6507i
51.8	-1.6880-2.4559i	0.0807+0.0167i	0.7636-0.5832i	-1.4975-2.3246i	0.0481+0.0456i	0.5031+1.1584i	-0.7863-1.6073i
51.9	-1.7713-2.2010i	0.1063+0.0065i	0.5447-0.5779i	-1.5514-2.1409i	0.0811+0.0232i	0.7128+1.2660i	-0.8427-1.3764i
52.0	-1.8413-2.2680i	0.1459+0.0738i	0.3362-0.6439i	-1.5753-2.0856i	0.1217+0.0979i	0.8988+1.3133i	-0.7913-1.5527i
52.1	-1.9446-2.2788i	0.2158+0.1087i	0.2202-0.6661i	-1.5653-2.0347i	0.2021+0.1352i	0.9818+1.3024i	-0.9336-1.7027i
52.2	-2.2589-2.0347i	0.3967+0.0377i	-0.1746-0.5110i	-1.5499-1.9074i	0.4173+0.0568i	1.2502+1.2543i	-1.4406-1.6203i
52.3	-2.4529-1.6669i	0.4714-0.1494i	-0.3152-0.1644i	-1.6053-1.8725i	0.5097-0.1530i	1.3445+1.0909i	-1.9806-1.1453i
52.4	-2.2717-1.4292i	0.3714-0.2355i	-0.2259-0.2384i	-1.5789-1.7823i	0.3893-0.2565i	1.3996+1.1695i	-1.7547-0.9459i
52.5	-2.4404-1.4303i	0.4607-0.1958i	-0.7813-0.2046i	-1.5976-1.7252i	0.4844-0.2069i	1.8593+1.1306i	-1.8859-0.9361i
52.6	-2.5214-1.4599i	0.4726-0.2038i	-0.7620-0.1185i	-1.6957-1.7776i	0.4931-0.2143i	1.7458+0.9733i	-2.0943-0.9199i
52.7	-2.4628-1.4648i	0.4394-0.1996i	-0.5617-0.3045i	-1.7138-1.7268i	0.4538-0.2019i	1.4954+1.1117i	-2.0204-0.7678i
52.8	-2.8981-1.3206i	0.7056-0.1961i	-1.6291-0.2560i	-1.5714-1.5859i	0.7707-0.1807i	2.3032+1.2372i	-2.4326-0.6870i
52.9	-3.1784-1.1486i	0.8789-0.3330i	-2.1036+0.1961i	-1.5541-1.7130i	0.9708-0.3340i	2.6251+0.9036i	-2.8564-0.5978i
53.0	-3.0903-0.9452i	0.8186-0.5297i	-1.8246+0.6908i	-1.6196-1.8938i	0.9102-0.5585i	2.4410+0.4683i	-2.8540-0.3547i
53.1	-3.0943-0.7223i	0.7690-0.6756i	-1.6648+1.0468i	-1.7547-1.9373i	0.8652-0.7266i	2.2888+0.2295i	-2.8677-0.0085i
53.2	-3.0953-0.5293i	0.6885-0.7621i	-1.4431+1.2432i	-1.9381-1.9016i	0.7721-0.8311i	2.0562+0.1107i	-2.9074+0.3023i
53.3	-2.8868-0.2909i	0.5351-0.8430i	-1.0059+1.3044i	-2.0248-1.8058i	0.6029-0.9217i	1.7555+0.1176i	-2.6956+0.6770i
53.4	-2.8146-0.3093i	0.4970-0.7872i	-1.0437+0.9981i	-2.0995-1.7347i	0.5621-0.8601i	1.7786+0.3699i	-2.6060+0.7648i
53.5	-2.8306-0.3188i	0.5262-0.8207i	-1.1861+1.0895i	-2.1209-1.7122i	0.5867-0.9021i	1.8987+0.2563i	-2.6511+0.8359i
53.6	-2.7743-0.4196i	0.3940-0.7850i	-0.9482+0.7721i	-2.2391-1.6327i	0.4341-0.8542i	1.6496+0.4378i	-2.4592+0.8337i
53.7	-3.1534-0.3585i	0.5505-0.6632i	-1.8008+0.5277i	-2.2382-1.3835i	0.6326-0.7081i	2.1499+0.7142i	-2.6004+0.9043i
53.8	-3.1772+0.0184i	0.6789-0.8576i	-2.1491+1.3500i	-2.0269-1.4196i	0.7858-0.9433i	2.4883+0.1571i	-2.5914+0.9823i
53.9	-3.4081+0.4073i	0.7867-1.1176i	-2.4203+2.1504i	-2.0525-1.4858i	0.9100-1.2451i	2.6016-0.3142i	-3.0844+1.2731i
54.0	-3.0976+0.5421i	0.5626-1.1536i	-1.7683+2.3425i	-2.2095-1.4463i	0.6406-1.2982i	2.1131-0.4612i	-2.7927+1.5470i
54.1	-3.0106+0.4868i	0.5148-0.9861i	-1.4066+1.9481i	-2.2349-1.2012i	0.5702-1.1124i	1.7332-0.0534i	-2.6524+1.6140i
54.2	-3.2340+0.5677i	0.8366-1.0061i	-2.1327+1.7078i	-1.9263-1.1420i	0.9354-1.1196i	2.4386+0.3166i	-2.6975+1.7356i
54.3	-3.2779+1.0743i	0.9137-1.5622i	-2.4132+2.9183i	-1.8171-1.5888i	1.0449-1.7318i	2.8015-0.8243i	-3.0167+2.1940i
54.4	-3.2139+1.4044i	0.7678-1.8485i	-2.1504+3.4559i	-2.0169-1.7665i	0.8916-2.0626i	2.4854-1.2557i	-3.1221+2.7027i
54.5	-3.0692+1.7917i	0.5619-2.1282i	-1.8407+3.9321i	-2.2586-1.8628i	0.6651-2.3907i	2.1356-1.6046i	-3.0314+3.3165i
54.6	-2.6674+1.8660i	0.2064-2.1277i	-1.2246+3.7140i	-2.5291-1.7844i	0.2610-2.4055i	1.5896-1.4403i	-2.5462+3.6501i
54.7	-2.3348+1.7712i	0.0217-1.9391i	-1.2518+3.2929i	-2.5720-1.5041i	0.0368-2.1937i	1.6442-0.9880i	-1.8419+3.6201i
54.8	-2.4888+2.0585i	0.2191-2.2337i	-1.9271+4.4195i	-2.3561-1.6396i	0.2812-2.5350i	2.1803-1.8021i	-1.9327+3.6200i
54.9	-2.1710+2.2978i	-0.0535-2.4977i	-1.2296+5.1768i	-2.5018-1.8595i	-0.0204-2.8589i	1.6482-2.4207i	-1.7325+4.0149i
55.0	-1.8637+2.2082i	-0.4161-2.4560i	-0.4411+4.9957i	-2.8402-1.8319i	-0.4467-2.8181i	0.9047-2.2712i	-1.5172+4.0889i
55.1	-1.5499+2.0384i	-0.7338-2.2634i	0.1031+4.6551i	-3.0766-1.6133i	-0.8197-2.6006i	0.4559-1.8969i	-0.9457+4.1119i
55.2	-1.2426+1.9345i	-0.9672-2.1215i	0.5810+4.5339i	-3.1485-1.4706i	-1.0942-2.4573i	0.1236-1.8267i	-0.4722+3.9998i
55.3	-1.1244+1.7790i	-1.1074-1.9567i	0.8200+4.2193i	-3.2767-1.3188i	-1.2627-2.2710i	-0.1947-1.5546i	-0.1970+3.8660i
55.4	-1.2420+1.6848i	-1.0619-1.8127i	0.5474+3.9370i	-3.2710-1.1349i	-1.2143-2.1045i	-0.1523-1.1975i	-0.1091+3.7355i
55.5	-1.4142+1.8469i	-0.9436-1.9609i	0.1490+4.4264i	-3.2290-1.2924i	-1.0802-2.2750i	0.0749-1.4936i	-0.2475+3.6637i
55.6	-1.0616+2.0227i	-1.2490-2.0984i	0.9327+4.7927i	-3.4705-1.3812i	-1.4370-2.4496i	-0.5095-1.7394i	-0.1011+3.8844i
55.7	-0.8273+1.9357i	-1.5003-1.9556i	1.3849+4.4677i	-3.7026-1.1454i	-1.7418-2.2862i	-0.9340-1.3410i	0.1971+3.8192i
55.8	-0.6564+1.8063i	-1.6674-1.7867i	1.5900+4.1211i	-3.8364-0.9308i	-1.9473-2.0956i	-1.1370-0.9974i	0.4975+3.7805i
55.9	-0.6188+1.6302i	-1.7077-1.5797i	1.4931+3.7310i	-3.8399-0.6836i	-2.0167-1.8540i	-1.0791-0.5044i	0.7255+3.6274i
56.0	-0.8581+1.6178i	-1.5400-1.5153i	0.8052+3.7733i	-3.7086-0.5830i	-1.8379-1.7725i	-0.6174-0.4224i	0.5081+3.5577i

56.1	-0.9148+1.8905i	-1.5302-1.6811i	0.7587+4.6892i	-3.7326-0.6763i	-1.8261-1.9560i	-0.6186-1.0406i	0.3240+3.6170i
56.2	-0.4884+1.8318i	-1.8838-1.5785i	1.7130+4.5714i	-4.0082-0.5201i	-2.2371-1.8377i	-1.3506-0.7418i	0.7239+3.6476i
56.3	-0.3432+1.7320i	-2.0185-1.4649i	1.9551+4.2988i	-4.1406-0.3755i	-2.4109-1.6976i	-1.5935-0.4661i	0.9277+3.5613i
56.4	-0.2825+1.6165i	-2.0804-1.2522i	2.0722+4.0217i	-4.1568-0.0380i	-2.4868-1.4353i	-1.5789+0.0171i	1.0074+3.2915i
56.5	-0.2486+1.5517i	-2.1559-1.1125i	2.0601+3.9263i	-4.2729+0.2164i	-2.5837-1.2577i	-1.7375+0.3660i	1.1950+3.5165i
56.6	-0.1895+1.4768i	-2.1388-1.0033i	2.0874+3.8097i	-4.1682+0.3232i	-2.5705-1.1317i	-1.6507+0.4790i	1.0816+3.4189i
56.7	-0.1174+1.3346i	-2.1398-0.8074i	2.1211+3.6104i	-4.0374+0.5460i	-2.5575-0.8999i	-1.4528+0.8046i	1.1073+3.2538i
56.8	-0.0150+1.2945i	-2.2044-0.7043i	2.2348+3.5990i	-4.0402+0.7267i	-2.6340-0.7702i	-1.4520+1.0224i	1.6046+3.2625i
56.9	-0.0540+1.1880i	-2.2016-0.5185i	2.1263+3.5200i	-4.0283+1.0412i	-2.6461-0.5385i	-1.4447+1.3965i	1.7197+3.1882i
57.0	-0.1350+1.0648i	-2.0637-0.3075i	1.9387+3.4515i	-3.7350+1.3250i	-2.4875-0.2775i	-0.9834+1.8023i	1.7086+2.8859i
57.1	-0.3298+1.2408i	-1.9161-0.3673i	1.5324+4.2448i	-3.5509+1.3650i	-2.3088-0.3260i	-0.5448+1.5885i	1.5751+3.0012i
57.2	-0.1426+1.5217i	-2.0699-0.6027i	2.3303+5.1532i	-3.7025+1.1072i	-2.4763-0.6063i	-1.0882+0.7792i	1.6441+3.3518i
57.3	0.0893+1.4236i	-2.1924-0.4658i	3.0404+4.7613i	-3.7244+1.2692i	-2.6261-0.4566i	-1.3963+1.2252i	1.8554+3.3078i
57.4	0.2312+1.2613i	-2.2805-0.2876i	3.4155+4.2536i	-3.7681+1.4856i	-2.7413-0.2361i	-1.5085+1.6899i	2.2294+3.3206i
57.5	0.2490+1.1821i	-2.2960-0.1858i	3.4483+4.0041i	-3.7695+1.6193i	-2.7626-0.1084i	-1.4686+1.8845i	2.3854+3.3451i
57.6	0.2739+1.1758i	-2.2630-0.1015i	3.5614+3.9129i	-3.6768+1.7380i	-2.7215+0.0009i	-1.2500+2.0731i	2.5216+3.3916i
57.7	0.3017+1.1636i	-2.2426-0.0392i	3.6120+3.8443i	-3.5828+1.8351i	-2.7064+0.0869i	-1.1087+2.2082i	2.6992+3.3484i
57.8	0.3098+1.1786i	-2.1698+0.0015i	3.6231+3.8211i	-3.3478+1.9411i	-2.6121+0.1541i	-0.8141+2.4547i	2.7290+3.2255i
57.9	0.4134+1.1224i	-2.2605+0.0778i	3.7939+3.7109i	-3.4536+2.0878i	-2.7195+0.2524i	-0.8835+2.5481i	3.0617+3.2409i
58.0	0.5183+1.0633i	-2.2393+0.2057i	3.9535+3.4601i	-3.2813+2.2292i	-2.6836+0.4068i	-0.6643+2.6200i	3.2743+3.0382i
58.1	0.6262+0.9508i	-2.2346+0.3479i	4.1128+3.2478i	-3.0954+2.3630i	-2.6667+0.5821i	-0.4398+2.7934i	3.4703+2.7452i
58.2	0.6862+0.8908i	-2.2384+0.4224i	4.1438+3.1921i	-3.0141+2.3648i	-2.6727+0.6766i	-0.2850+2.7965i	3.5031+2.7066i
58.3	0.7279+0.7342i	-2.2197+0.6058i	4.1875+3.0490i	-2.9779+2.5247i	-2.6389+0.8974i	-0.2301+2.8575i	3.6830+2.5602i
58.4	0.7243+0.6458i	-2.1313+0.7257i	4.1927+2.9493i	-2.8684+2.6345i	-2.5286+1.0482i	-0.0956+2.8958i	3.8150+2.3831i
58.5	0.7812+0.6525i	-2.0391+0.7407i	4.3638+3.0947i	-2.7823+2.6480i	-2.4215+1.0784i	0.0058+2.6745i	4.1639+2.2363i
58.6	0.9255+0.6090i	-2.0916+0.7698i	4.8204+3.0234i	-2.8349+2.7868i	-2.4882+1.1277i	-0.2583+2.7826i	4.4417+2.2188i
58.7	0.8828+0.4332i	-1.9564+0.8936i	4.8195+2.5635i	-2.5279+2.9018i	-2.3089+1.2863i	0.0029+3.1136i	4.2547+1.8265i
58.8	0.8194+0.2553i	-1.8275+0.9603i	4.7098+2.2018i	-2.3499+2.9075i	-2.1463+1.3625i	0.1707+3.0834i	4.3208+1.5202i
58.9	0.8073+0.1255i	-1.7558+1.0338i	4.7202+1.9587i	-2.2280+2.9980i	-2.0498+1.4529i	0.2902+3.1662i	4.4460+1.2063i
59.0	0.7967+0.0081i	-1.6773+1.1072i	4.7140+1.7381i	-2.0803+3.1154i	-1.9473+1.5488i	0.3863+3.2671i	4.6601+0.8389i
59.1	0.6989-0.0786i	-1.5519+1.1297i	4.5340+1.5245i	-1.8598+3.1272i	-1.7870+1.5791i	0.5081+3.2797i	4.5094+0.5247i
59.2	0.7064-0.1707i	-1.4988+1.1455i	4.4581+1.3256i	-1.6772+3.1408i	-1.7050+1.5979i	0.6902+3.2650i	4.3920+0.3820i
59.3	0.7296-0.2432i	-1.4709+1.1353i	4.4367+1.2168i	-1.6009+3.1244i	-1.6664+1.5907i	0.7421+3.2366i	4.4923+0.3045i
59.4	0.6790-0.2835i	-1.4165+1.1246i	4.2530+1.2283i	-1.5034+3.0941i	-1.5955+1.5848i	0.7440+3.2985i	4.4944+0.0677i
59.5	0.6474-0.3960i	-1.3709+1.1427i	4.1804+1.1324i	-1.3889+3.1365i	-1.5328+1.6133i	0.7853+3.3443i	4.5091-0.1300i
59.6	0.6050-0.5248i	-1.3238+1.2083i	4.1817+0.9552i	-1.2130+3.1834i	-1.4561+1.6923i	0.9452+3.4376i	4.5183-0.5408i
59.7	0.5042-0.6375i	-1.2525+1.2450i	4.0207+0.8645i	-1.0758+3.1905i	-1.3500+1.7395i	1.0889+3.5561i	4.3906-0.8279i
59.8	0.3769-0.7231i	-1.1905+1.2682i	3.9544+0.8639i	-0.6199+3.3322i	-1.2608+1.7749i	1.2106+3.7385i	4.3645-1.0616i
59.9	0.3153-0.7149i	-1.1477+1.2113i	3.9244+0.9244i	-4.3023+7.1505i	-1.2001+1.7121i	1.3382+3.6932i	4.2878-1.0654i
60.0	0.1918-0.7251i	-1.0895+1.1915i	3.8168+0.8919i	-5.8632+5.7671i	-1.1175+1.6866i	1.4573+3.6652i	4.0476-1.1835i
60.1	0.0897-0.7769i	-1.0442+1.2066i	3.7556+0.8105i	-1.4658+4.2136i	-1.0444+1.6935i	1.6141+3.6526i	3.9360-1.4366i
60.2	-0.0203-0.8294i	-0.9926+1.2197i	3.6941+0.7408i	-0.4521+3.0682i	-0.9624+1.7020i	1.8520+3.6468i	3.7877-1.6916i
60.3	-0.0774-0.7953i	-1.0103+1.1750i	3.6666+0.8355i	-0.2771+2.8909i	-0.9827+1.6449i	1.9023+3.5998i	3.7033-1.6368i
60.4	-0.1530-0.7992i	-0.9845+1.1950i	3.6656+0.7231i	-0.1018+2.8325i	-0.9221+1.6563i	2.1298+3.5249i	3.6110-1.9270i
60.5	-0.2261-0.7522i	-0.9900+1.1786i	3.6025+0.7647i	-0.0134+2.7716i	-0.9185+1.6367i	2.1840+3.5260i	3.4961-2.0797i
60.6	-0.2669-0.7003i	-1.0057+1.1633i	3.5852+0.8322i	0.0036+2.6492i	-0.9367+1.6064i	2.2165+3.4794i	3.3624-1.9599i
60.7	-0.2865-0.6875i	-1.0365+1.2148i	3.5626+0.8469i	0.0797+2.5650i	-0.9515+1.6529i	2.3282+3.4704i	3.2496-2.0650i
60.8	-0.2684-0.7034i	-1.0530+1.2940i	3.5215+0.7847i	0.0780+2.5453i	-0.9659+1.7353i	2.3171+3.4082i	3.2457-2.2489i
60.9	-0.3081-0.7078i	-0.9902+1.3382i	3.4856+0.7998i	0.0612+2.4155i	-0.8929+1.7696i	2.4007+3.2804i	3.0221-2.2081i
61.0	-0.4060-0.7550i	-0.8837+1.4005i	3.3786+0.7523i	0.1589+2.3999i	-0.7596+1.8306i	2.4986+3.3022i	2.8310-2.4562i
61.1	-0.4567-0.8007i	-0.8067+1.4415i	3.3947+0.7398i	0.2205+2.3609i	-0.6623+1.8678i	2.6199+3.2735i	2.7068-2.5585i
61.2	-0.5812-0.7893i	-0.6778+1.4364i	3.3444+0.6875i	0.3201+2.2511i	-0.5089+1.8426i	2.7240+3.1766i	2.4100-2.6604i
61.3	-0.6776-0.7672i	-0.6071+1.4050i	3.2839+0.6687i	0.3460+2.1594i	-0.4298+1.8024i	2.7201+3.0990i	2.1762-2.7218i
61.4	-0.8075-0.7530i	-0.5344+1.4075i	3.2386+0.6619i	0.4582+2.1093i	-0.3333+1.7910i	2.7996+3.1038i	2.1021-2.9747i
61.5	-0.8522-0.6825i	-0.5082+1.3606i	3.2042+0.7348i	0.4705+2.0480i	-0.3001+1.7367i	2.8351+3.1218i	1.9679-2.8940i
61.6	-0.8643-0.5993i	-0.5156+1.2689i	3.2112+0.7825i	0.3957+1.9947i	-0.3213+1.6334i	2.8088+3.0397i	1.8898-2.6269i
61.7	-0.9314-0.5966i	-0.4860+1.2757i	3.2041+0.7080i	0.4719+1.9498i	-0.2793+1.6244i	2.8630+2.9781i	1.8774-2.6730i
61.8	-0.9631-0.5939i	-0.4776+1.2674i	3.1738+0.6492i	0.5401+1.9061i	-0.2559+1.6058i	2.8806+2.9195i	1.8921-2.8050i
61.9	-1.0297-0.5040i	-0.4504+1.2568i	3.1349+0.6996i	0.5750+1.8349i	-0.2195+1.5909i	2.9100+2.9471i	1.5839-2.8942i
62.0	-1.0853-0.4123i	-0.4404+1.2617i	3.0654+0.7707i	0.5992+1.7913i	-0.2120+1.5864i	2.8745+3.0186i	1.4028-2.9757i
62.1	-1.1221-0.3413i	-0.4013+1.2269i	2.9672+0.7449i	0.6285+1.6798i	-0.1677+1.5260i	2.8816+2.9049i	1.2516-2.9237i
62.2	-1.0889-0.3152i	-0.4304+1.1960i	3.0109+0.7452i	0.6023+1.6588i	-0.1970+1.4909i	2.8731+2.8432i	1.2930-2.8259i
62.3	-1.1110-0.2667i	-0.4356+1.2249i	3.0152+0.8176i	0.6571+1.6479i	-0.1893+1.5154i	2.9010+2.9730i	1.2671-2.9784i

62.4	-1.1064-0.1307i	-0.3956+1.1871i	2.9361+0.9098i	0.6639+1.5029i	-0.1473+1.4572i	2.9372+3.0005i	0.9451-2.8672i
62.5	-1.1170-0.0264i	-0.3364+1.2147i	2.8776+0.9541i	0.7404+1.4029i	-0.0768+1.4768i	3.0675+3.0873i	0.6418-2.9758i
62.6	-1.0703-0.0017i	-0.3723+1.1968i	2.9301+1.0340i	0.7305+1.3997i	-0.1197+1.4635i	3.0815+3.1518i	0.6411-3.0898i
62.7	-1.0626+0.0762i	-0.3508+1.2030i	2.8605+1.1624i	0.7269+1.3185i	-0.1011+1.4573i	3.1050+3.2639i	0.4628-3.0868i
62.8	-1.0195+0.1623i	-0.3127+1.2075i	2.9141+1.2752i	0.7242+1.2322i	-0.0670+1.4521i	3.2620+3.3422i	0.2186-3.0254i
62.9	-0.9739+0.2111i	-0.2903+1.1853i	2.9625+1.3831i	0.7315+1.1592i	-0.0444+1.4291i	3.4279+3.4217i	0.0499-3.0552i
63.0	-0.8979+0.2633i	-0.2470+1.1694i	3.0106+1.4659i	0.7070+1.0541i	-0.0046+1.3994i	3.5872+3.4027i	-0.2548-2.8233i
63.1	-0.8505+0.2785i	-0.2662+1.1775i	3.0556+1.5205i	0.6687+1.0498i	-0.0334+1.4136i	3.6138+3.4546i	-0.3288-2.7308i
63.2	-0.7993+0.2810i	-0.2678+1.2002i	3.1190+1.6103i	0.6587+0.9937i	-0.0281+1.4336i	3.7544+3.5170i	-0.4421-2.6646i
63.3	-0.7745+0.2757i	-0.2535+1.2138i	3.1484+1.6304i	0.6297+0.9219i	-0.0133+1.4341i	3.8643+3.4751i	-0.5892-2.6342i
63.4	-0.7083+0.2864i	-0.2245+1.1801i	3.2751+1.7142i	0.5913+0.8927i	0.0141+1.4105i	4.0747+3.4780i	-0.6929-2.4178i
63.5	-0.6703+0.2657i	-0.1955+1.2089i	3.3595+1.7296i	0.5832+0.8772i	0.0470+1.4437i	4.2439+3.4779i	-0.8169-2.3738i
63.6	-0.6541+0.2323i	-0.1636+1.2726i	3.4721+1.7158i	0.5830+0.8277i	0.0797+1.4977i	4.3917+3.4979i	-0.8156-2.4328i
63.7	-0.6198+0.1986i	-0.1639+1.2271i	3.6047+1.7389i	0.5080+0.8200i	0.0752+1.4588i	4.5138+3.3775i	-0.8219-2.1888i
63.8	-0.5771+0.1615i	-0.1745+1.2234i	3.6926+1.7330i	0.4639+0.7792i	0.0691+1.4508i	4.6258+3.2492i	-0.8521-2.0101i
63.9	-0.5725+0.0951i	-0.2289+1.2581i	3.8364+1.7814i	0.4463+0.8038i	0.0233+1.4970i	4.7319+3.2676i	-0.7011-1.9839i
64.0	-0.5672+0.0566i	-0.1653+1.2262i	3.9251+1.7628i	0.4329+0.7917i	0.0873+1.4759i	4.8656+3.2023i	-0.9418-1.9613i
64.1	-0.5704+0.0406i	-0.1284+1.2300i	4.0721+1.7009i	0.4511+0.7615i	0.1426+1.4730i	5.0438+3.0353i	-1.1042-1.8454i
64.2	-0.6091+0.0166i	-0.1184+1.2513i	4.1546+1.6155i	0.4445+0.7437i	0.1639+1.4878i	5.1269+2.9073i	-1.1315-1.7720i
64.3	-0.6353+0.0005i	-0.1206+1.2727i	4.2720+1.6004i	0.4860+0.7311i	0.1794+1.5106i	5.2827+2.9084i	-1.1968-1.7500i
64.4	-0.6691-0.0072i	-0.1311+1.2955i	4.3379+1.5409i	0.4697+0.7294i	0.1786+1.5302i	5.3260+2.8901i	-1.1898-1.7986i
64.5	-0.6744-0.0077i	-0.1365+1.3156i	4.4251+1.4267i	0.4200+0.6871i	0.1720+1.5377i	5.4042+2.7367i	-1.2080-1.6279i
64.6	-0.6735-0.0238i	-0.1430+1.3069i	4.4882+1.3583i	0.3719+0.6692i	0.1648+1.5251i	5.4350+2.6015i	-1.1053-1.4197i
64.7	-0.7109-0.0544i	-0.1203+1.4059i	4.5509+1.2949i	0.3729+0.6729i	0.2021+1.6214i	5.5241+2.5997i	-1.0848-1.4867i
64.8	-0.7500-0.0575i	-0.0826+1.4821i	4.6307+1.2170i	0.3706+0.6745i	0.2525+1.6914i	5.6620+2.5815i	-1.1417-1.5672i
64.9	-0.7968-0.0355i	-0.0154+1.5069i	4.6392+1.1497i	0.3600+0.6613i	0.3217+1.7064i	5.7734+2.5146i	-1.2833-1.5570i
65.0	-0.8251-0.0202i	0.0444+1.5371i	4.6173+1.0681i	0.3193+0.6466i	0.3712+1.7300i	5.7939+2.4096i	-1.3035-1.4419i
65.1	-0.8360-0.0204i	0.1100+1.5780i	4.6351+1.0633i	0.3208+0.6478i	0.4430+1.7623i	5.8645+2.4117i	-1.2851-1.4449i
65.2	-0.8499-0.0120i	0.1980+1.5993i	4.6317+1.0690i	0.3629+0.6560i	0.5421+1.7823i	5.9800+2.3946i	-1.3242-1.5452i
65.3	-0.8640+0.0239i	0.2773+1.5517i	4.6063+0.9737i	0.3382+0.6540i	0.6193+1.7207i	6.0628+2.1858i	-1.5014-1.5193i
65.4	-0.8766+0.0375i	0.3452+1.5331i	4.6378+0.9240i	0.3219+0.6351i	0.6856+1.6906i	6.1543+2.0552i	-1.6173-1.4727i
65.5	-0.8959+0.0275i	0.3519+1.5419i	4.7271+0.9067i	0.3267+0.6396i	0.7038+1.6981i	6.2726+1.9972i	-1.7023-1.4928i
65.6	-0.9211+0.0166i	0.3775+1.5993i	4.7709+0.8815i	0.3274+0.6440i	0.7269+1.7500i	6.3591+1.9292i	-1.7613-1.5653i
65.7	-0.9188+0.0012i	0.4006+1.6691i	4.7454+0.8149i	0.3317+0.6699i	0.7498+1.8148i	6.3084+1.8774i	-1.7607-1.5381i
65.8	-0.9327+0.0186i	0.4552+1.6720i	4.7461+0.8096i	0.3388+0.6851i	0.7979+1.8215i	6.3410+1.8136i	-1.7782-1.5146i
65.9	-0.9533+0.0164i	0.5218+1.6750i	4.7508+0.8379i	0.3401+0.6778i	0.8660+1.8267i	6.3859+1.7815i	-1.7751-1.4245i
66.0	-0.9983+0.0249i	0.6381+1.6664i	4.7673+0.8040i	0.3588+0.6593i	0.9813+1.8198i	6.4470+1.6765i	-2.0449-1.3695i
66.1	-1.0157+0.0462i	0.7204+1.6763i	4.8425+0.7745i	0.3859+0.6782i	1.0668+1.8247i	6.5631+1.5691i	-2.1406-1.3626i
66.2	-1.0604+0.0280i	0.8391+1.7346i	4.9233+0.7803i	0.4192+0.7010i	1.1911+1.8839i	6.7043+1.5812i	-2.1772-1.4804i
66.3	-1.1171+0.0297i	1.0133+1.6706i	4.9155+0.6963i	0.4420+0.6530i	1.3608+1.8184i	6.7444+1.3943i	-2.3665-1.4223i
66.4	-1.1429+0.0823i	1.1681+1.5623i	4.8869+0.6222i	0.4671+0.6028i	1.5170+1.7091i	6.7760+1.1913i	-2.5435-1.2238i
66.5	-1.1649+0.1214i	1.2326+1.4709i	4.9348+0.6764i	0.4712+0.5842i	1.5802+1.6254i	6.8550+1.1628i	-2.7459-1.0522i
66.6	-1.2335+0.1865i	1.3801+1.3548i	5.0090+0.6515i	0.5049+0.5299i	1.7303+1.5099i	6.9932+1.0373i	-3.0915-0.9419i
66.7	-1.2617+0.1912i	1.4728+1.3770i	5.0578+0.5992i	0.5567+0.5243i	1.8328+1.5209i	7.0204+0.9805i	-3.0635-0.9942i
66.8	-1.2124+0.2256i	1.4294+1.3154i	5.1524+0.6258i	0.5428+0.5448i	1.7938+1.4770i	7.0048+0.9235i	-2.9621-0.7493i
66.9	-1.2793+0.3015i	1.5604+1.1233i	5.1861+0.5721i	0.5406+0.4800i	1.9225+1.2838i	7.0850+0.7723i	-3.3110-0.5623i
67.0	-1.3377+0.3333i	1.6524+1.0746i	5.2388+0.6337i	0.5639+0.4373i	2.0158+1.2354i	7.2023+0.8031i	-3.5973-0.5662i
67.1	-1.3554+0.4152i	1.7000+0.9496i	5.1945+0.5801i	0.5619+0.4100i	2.0599+1.1120i	7.1876+0.6733i	-3.9523-0.3476i
67.2	-1.3824+0.4942i	1.7850+0.7789i	5.2385+0.5736i	0.5703+0.3469i	2.1491+0.9477i	7.2861+0.5800i	-4.1777+0.0198i
67.3	-1.3863+0.5317i	1.8547+0.7083i	5.3731+0.5086i	0.6107+0.3014i	2.2355+0.8693i	7.4589+0.5233i	-4.1492+0.1386i
67.4	-1.3755+0.5587i	1.8303+0.6243i	5.4052+0.4539i	0.5875+0.2648i	2.2200+0.7770i	7.4748+0.4254i	-4.1354+0.3536i
67.5	-1.3414+0.6266i	1.8285+0.4709i	5.4046+0.4612i	0.5864+0.1973i	2.2214+0.6378i	7.5205+0.3089i	-4.2716+0.7542i
67.6	-1.4192+0.6884i	1.9721+0.3645i	5.4372+0.5416i	0.6230+0.1411i	2.3673+0.5543i	7.7122+0.3377i	-4.7592+0.8868i
67.7	-1.4126+0.8113i	1.9656+0.1144i	5.4833+0.5699i	0.5577+0.0764i	2.3636+0.3074i	7.7813+0.1804i	-4.9036+1.4737i
67.8	-1.3657+0.8788i	1.9363-0.0566i	5.6191+0.5267i	0.5376+0.0181i	2.3533+0.1451i	7.9151+0.0407i	-4.9434+1.8377i
67.9	-1.3587+1.0048i	1.9168-0.2974i	5.7653+0.5517i	0.4942-0.0556i	2.3528-0.0676i	8.1308-0.1337i	-5.1829+2.3888i
68.0	-1.4081+0.9656i	1.9571-0.2656i	5.7454+0.5122i	0.4952-0.0576i	2.3950-0.0506i	8.1288-0.1873i	-4.8977+2.3631i
68.1	-1.4024+0.9817i	1.9663-0.3190i	5.8326+0.5090i	0.4960-0.0878i	2.4208-0.1009i	8.2335-0.2526i	-4.7225+2.6011i
68.2	-1.3425+0.9747i	1.8388-0.3550i	5.8036+0.4146i	0.4551-0.0749i	2.3063-0.1387i	8.0893-0.3643i	-4.3004+2.6254i
68.3	-1.3248+1.2125i	1.8068-0.8039i	5.9620+0.5411i	0.3794-0.2352i	2.3082-0.5635i	8.3314-0.6629i	-4.5944+3.6838i
68.4	-1.2019+1.3587i	1.6359-1.0888i	6.1614+0.5927i	0.2918-0.3228i	2.1725-0.8365i	8.4489-0.9394i	-4.3248+4.6284i
68.5	-1.2105+1.4426i	1.6996-1.2538i	6.2034+0.5408i	0.3292-0.3936i	2.2482-0.9943i	8.5526-1.1209i	-4.5546+4.7723i
68.6	-1.2308+1.4367i	1.7123-1.2950i	6.1616+0.3942i	0.3431-0.4156i	2.2725-1.0559i	8.5127-1.2713i	-4.4765+4.5330i

68.7	-1.1235+1.5536i	1.4836-1.5188i	6.6207+0.5878i	0.2343-0.4923i	2.1130-1.2494i	8.8555-1.4201i	-4.0784+5.4933i
68.8	-0.8517+1.6389i	1.0024-1.6809i	6.8830+0.4827i	0.0280-0.4811i	1.6714-1.4202i	8.7431-1.7503i	-3.0799+6.1280i
68.9	-0.8315+1.7358i	0.8635-1.8497i	6.9691+0.4549i	-0.0976-0.5494i	1.5391-1.5981i	8.7061-1.9719i	-2.9947+6.4411i
69.0	-0.7812+1.8053i	0.7348-2.0115i	7.2587+0.4748i	-0.1835-0.6408i	1.4659-1.7620i	8.8781-2.1743i	-2.7721+6.8736i
69.1	-0.6758+1.8800i	0.5048-2.1608i	7.6012+0.3938i	-0.3156-0.6944i	1.2844-1.9271i	9.0376-2.4818i	-2.3786+7.3236i
69.2	-0.5239+1.9255i	0.2346-2.2408i	7.8148+0.2477i	-0.4331-0.6837i	1.0373-2.0326i	8.9932-2.7876i	-1.9561+7.4764i
69.3	-0.3743+1.8781i	-0.0971-2.1904i	8.3168+0.0217i	-0.5944-0.6501i	0.7841-2.0137i	9.0880-3.1589i	-1.2637+7.7579i
69.4	-0.2990+1.8590i	-0.3066-2.1578i	8.6440-0.1557i	-0.6898-0.6180i	0.6235-1.9974i	9.1604-3.3246i	-0.8872+7.8186i
69.5	-0.1503+1.7808i	-0.6989-1.9933i	8.6777-0.4821i	-0.8928-0.4785i	0.2414-1.8775i	8.7949-3.4665i	-0.0758+7.8771i
69.6	-0.0152+1.6495i	-0.9945-1.7026i	8.6702-0.6600i	-0.9979-0.3162i	-0.0454-1.6402i	8.4790-3.4277i	0.7558+7.7277i
69.7	0.1794+1.7008i	-1.3422-1.7006i	8.9699-1.0664i	-1.1645-0.2686i	-0.3420-1.6927i	8.4274-3.8805i	1.3787+8.1733i
69.8	0.2617+1.5363i	-1.5000-1.3106i	9.1739-1.6084i	-1.2320-0.0366i	-0.4795-1.3776i	8.3471-4.1842i	2.2946+7.7578i
69.9	0.4352+1.6350i	-1.8581-1.4211i	9.6487-1.7538i	-1.4247-0.0342i	-0.7760-1.5162i	8.4778-4.3974i	2.9036+8.4074i
70.0	0.3453+1.6252i	-1.7564-1.2937i	9.9407-1.9120i	-1.3688+0.0561i	-0.6466-1.4150i	8.7958-4.4159i	3.0171+8.0694i
70.1	0.3312+1.5920i	-1.7522-1.1349i	10.1184-2.4176i	-1.3533+0.1577i	-0.6157-1.3280i	8.8971-4.7972i	3.3801+7.6800i
70.2	0.3973+1.4727i	-1.9405-0.8014i	10.4347-3.1573i	-1.4340+0.3959i	-0.7634-1.0931i	9.0178-5.3233i	4.2100+7.2144i
70.3	0.3487+1.4411i	-1.8164-0.5892i	10.2656-3.5035i	-1.3392+0.5513i	-0.6515-0.9340i	8.8081-5.4703i	4.2535+6.6697i
70.4	0.3894+1.4258i	-1.8517-0.4164i	10.4081-3.7110i	-1.2979+0.7057i	-0.6880-0.7905i	8.8494-5.4093i	4.6211+6.5102i
70.5	0.6242+1.4501i	-2.1878-0.2456i	10.4925-4.7854i	-1.4119+0.8864i	-1.0269-0.7670i	8.5953-6.2165i	5.5278+6.3518i
70.6	0.7928+1.4126i	-2.3617-0.1059i	10.3196-5.4736i	-1.4178+0.9577i	-1.2334-0.7331i	8.2716-6.6170i	6.0121+5.9916i
70.7	0.8876+1.3535i	-2.3735+0.1378i	10.3446-6.0052i	-1.3002+1.1067i	-1.2579-0.5593i	8.3560-6.7915i	6.3296+5.4297i
70.8	1.0961+1.4041i	-2.6489+0.1998i	10.6511-6.4417i	-1.3660+1.1639i	-1.5164-0.5694i	8.5593-7.0554i	6.7276+5.5090i
70.9	0.9684+1.2596i	-2.2219+0.4492i	9.8756-6.7686i	-1.0462+1.2095i	-1.1967-0.3232i	8.1850-7.1133i	6.2593+4.2663i
71.0	1.0820+1.0427i	-2.2557+0.8166i	9.5987-7.2830i	-1.0131+1.3542i	-1.2968+0.0017i	8.0813-7.3211i	6.5683+3.6996i
71.1	1.1898+0.9563i	-2.3091+0.9789i	9.2664-8.0097i	-1.0075+1.3737i	-1.3913+0.0780i	7.7932-7.8957i	6.6436+3.3549i
71.2	1.2439+0.7202i	-2.1970+1.4005i	8.6356-8.5501i	-0.8875+1.5477i	-1.3683+0.4652i	7.5033-8.2640i	6.6601+2.5921i
71.3	1.4623+0.5119i	-2.4457+1.7244i	8.4597-8.9457i	-1.0075+1.6876i	-1.6715+0.7481i	7.3316-8.4901i	7.1214+2.6599i
71.4	1.4347+0.4033i	-2.2947+1.8540i	7.7561-9.5693i	-0.9513+1.7076i	-1.5851+0.8186i	6.7868-9.1351i	6.8335+2.3742i
71.5	1.3583+0.1783i	-2.0704+2.2754i	7.2690-10.1735i	-0.8255+1.9286i	-1.4294+1.2107i	6.5626-9.6476i	6.9457+1.6260i
71.6	1.4979+0.0245i	-2.1828+2.5009i	6.6696-10.7332i	-0.8951+2.0113i	-1.6182+1.3642i	6.0025-10.1167i	7.0764+1.6180i
71.7	1.4932-0.1468i	-2.0595+2.7042i	6.0928-10.9057i	-0.8189+2.0966i	-1.5516+1.5604i	5.5604-10.3019i	7.0416+1.5338i
71.8	1.3663-0.3848i	-1.6948+3.0644i	5.3136-11.1517i	-0.5966+2.3033i	-1.2573+1.9393i	5.0676-10.5713i	7.0988+0.8932i
71.9	1.3144-0.6008i	-1.4675+3.3456i	4.3649-11.5016i	-0.4706+2.4340i	-1.1323+2.1833i	4.2282-10.9588i	7.1525+0.5722i
72.0	1.1869-0.7397i	-1.1729+3.4872i	3.4334-11.5554i	-0.3187+2.4830i	-0.9420+2.3215i	3.4086-11.0134i	7.0812+0.2069i
72.1	0.9711-0.9242i	-0.6590+3.7172i	2.3203-11.5358i	-0.0177+2.6144i	-0.5353+2.5828i	2.4842-11.0960i	7.1443-0.3932i
72.2	0.7635-0.9518i	-0.1991+3.6159i	1.2351-11.3464i	0.2450+2.5226i	-0.1657+2.4985i	1.4990-11.0284i	6.7036-0.8324i
72.3	0.6871-1.0933i	0.0168+3.7976i	0.7450-11.1427i	0.3903+2.6385i	-0.0034+2.7154i	1.1288-10.9546i	6.7633-1.1013i
72.4	0.5152-1.2776i	0.3452+4.0384i	0.1482-10.6409i	0.5734+2.8093i	0.2576+3.0351i	0.6404-10.6334i	6.8487-1.3728i
72.5	0.2790-1.2862i	0.7341+3.8754i	-0.5218-9.8307i	0.7806+2.7020i	0.5924+2.9619i	-0.0074-9.9252i	6.4537-1.6351i
72.6	0.0698-1.2076i	1.0845+3.5785i	-0.9614-8.9972i	0.9808+2.5062i	0.9154+2.7460i	-0.4946-9.2010i	5.9248-1.7666i
72.7	-0.0847-1.2288i	1.3824+3.5241i	-1.1705-8.5008i	1.1695+2.4666i	1.2064+2.7539i	-0.7248-8.8169i	5.9067-1.9537i
72.8	-0.1622-1.2766i	1.5121+3.5122i	-1.3948-8.1887i	1.2494+2.4552i	1.3104+2.7610i	-0.9667-8.6428i	5.8405-1.9459i
72.9	-0.3190-1.2987i	1.7766+3.4726i	-1.6484-7.8275i	1.4231+2.4339i	1.5496+2.7738i	-1.2655-8.3822i	5.8232-2.2190i
73.0	-0.4595-1.1531i	1.9557+3.0856i	-1.6776-7.2811i	1.5242+2.1725i	1.7496+2.4346i	-1.3968-7.8939i	5.4146-2.3154i
73.1	-0.5814-1.1169i	2.1211+2.9715i	-1.6827-7.0033i	1.6215+2.1080i	1.9229+2.3453i	-1.4540-7.6715i	5.3297-2.3082i
73.2	-0.7243-1.1283i	2.3706+2.9238i	-1.9807-6.4645i	1.7884+2.1157i	2.1362+2.3698i	-1.8161-7.2240i	5.3670-2.4896i
73.3	-0.8839-1.0491i	2.5771+2.7255i	-1.7817-5.9841i	1.9338+1.9964i	2.3888+2.2290i	-1.6897-6.7871i	5.1839-2.6559i
73.4	-1.0574-0.8886i	2.8074+2.3373i	-1.7453-5.4601i	2.0887+1.7194i	2.6490+1.8867i	-1.7865-6.2840i	4.6959-2.9143i
73.5	-1.1334-0.8469i	2.9133+2.2300i	-1.7812-5.1585i	2.1667+1.6759i	2.7575+1.8118i	-1.9059-6.0406i	4.6763-3.0021i
73.6	-1.2647-0.8240i	3.1291+2.2033i	-1.6654-5.1753i	2.3208+1.6816i	2.9931+1.7815i	-1.8584-6.1054i	4.9122-3.1428i
73.7	-1.2592-0.6791i	3.0615+1.9532i	-1.4821-4.8244i	2.2926+1.5256i	2.9517+1.5568i	-1.7484-5.7296i	4.6543-2.9872i
73.8	-1.3056-0.4346i	3.0789+1.4594i	-1.2862-4.4695i	2.3225+1.1699i	3.0196+1.0730i	-1.6296-5.2763i	4.1754-3.1459i
73.9	-1.3873-0.2858i	3.1649+1.1247i	-1.3140-4.1222i	2.3877+0.9557i	3.1190+0.7651i	-1.7325-4.8909i	3.9067-3.3566i
74.0	-1.4530-0.2996i	3.2224+1.1448i	-1.0647-3.8482i	2.4596+0.9985i	3.2063+0.8270i	-1.5511-4.6261i	4.0449-3.2506i
74.1	-1.4583-0.1667i	3.1780+0.8987i	-0.8548-3.8138i	2.4437+0.8001i	3.1957+0.5556i	-1.3817-4.5147i	3.8225-3.2272i
74.2	-1.4709+0.0261i	3.1701+0.5355i	-0.8009-3.5453i	2.4598+0.5440i	3.1987+0.2058i	-1.3894-4.1671i	3.4975-3.4598i
74.3	-1.4876+0.1609i	3.1452+0.3041i	-0.7164-3.4891i	2.4467+0.3707i	3.1903-0.0376i	-1.3249-4.0558i	3.3048-3.5792i
74.4	-1.4305+0.2233i	2.9845+0.1958i	-0.6754-3.3702i	2.3218+0.2744i	3.0236-0.1508i	-1.2746-3.8814i	3.2481-3.4455i
74.5	-1.4376+0.3084i	2.9893+0.0395i	-0.6112-3.2712i	2.3415+0.1433i	3.0409-0.3145i	-1.2112-3.7410i	3.1998-3.5357i
74.6	-1.4568+0.4494i	3.0130-0.1713i	-0.3532-3.5040i	2.4085-0.0327i	3.1034-0.5761i	-0.9574-3.9577i	3.1244-3.6970i
74.7	-1.3427+0.5668i	2.8002-0.3412i	-0.4489-3.3984i	2.2370-0.1548i	2.8615-0.7500i	-1.0257-3.8262i	2.8850-3.5321i
74.8	-1.2828+0.5919i	2.6619-0.4404i	-0.3325-3.0897i	2.1431-0.2468i	2.7243-0.8246i	-0.9254-3.4976i	2.6675-3.4898i
74.9	-1.3298+0.6750i	2.7223-0.5880i	-0.0770-3.0716i	2.2261-0.3700i	2.8356-0.9766i	-0.6867-3.4456i	2.7102-3.7467i

75.0	-1.3185+0.7717i	2.6590-0.7229i	-0.0397-3.0290i	2.1685-0.4686i	2.7786-1.1122i	-0.6726-3.3651i	2.6786-3.8218i
75.1	-1.1961+0.8073i	2.4549-0.7896i	-0.1216-2.9990i	2.0031-0.5424i	2.5327-1.1895i	-0.7490-3.3301i	2.4821-3.7521i
75.2	-1.1673+0.9029i	2.4086-0.9091i	0.0490-3.3404i	1.9796-0.6765i	2.5119-1.3763i	-0.5820-3.6635i	2.4029-3.8285i
75.3	-1.1210+1.0027i	2.3097-1.0276i	0.2092-3.4578i	1.9163-0.7730i	2.4351-1.5290i	-0.4025-3.7619i	2.3714-3.8183i
75.4	-0.9967+1.0473i	2.1239-1.1281i	0.0115-3.2707i	1.7605-0.8501i	2.2033-1.6081i	-0.6049-3.5592i	2.1322-3.8644i
75.5	-0.9565+1.0926i	2.0446-1.2494i	-0.0548-3.3097i	1.6713-0.9788i	2.1078-1.7529i	-0.7225-3.5961i	2.0520-4.0346i
75.6	-0.9334+1.1221i	1.9561-1.2744i	0.0534-3.4254i	1.5927-1.0120i	2.0204-1.8001i	-0.6320-3.7048i	1.9292-4.0494i
75.7	-0.8411+1.1464i	1.7832-1.3037i	0.0178-3.4078i	1.4500-1.0402i	1.8307-1.8321i	-0.6873-3.6354i	1.5455-3.9270i
75.8	-0.8081+1.1690i	1.7295-1.3242i	0.1629-3.3183i	1.4207-1.0414i	1.7948-1.8382i	-0.5509-3.5105i	1.5210-3.8188i
75.9	-0.7272+1.1733i	1.5766-1.3369i	0.2936-3.2325i	1.3169-1.0574i	1.6540-1.8545i	-0.4200-3.3937i	1.4535-3.8266i
76.0	-0.6906+1.2101i	1.5090-1.3573i	0.2586-3.2088i	1.2479-1.0543i	1.5693-1.8788i	-0.4736-3.3542i	1.5035-3.8319i
76.1	-0.6220+1.2618i	1.4124-1.4466i	0.1386-3.2594i	1.1561-1.1381i	1.4469-1.9807i	-0.5980-3.3438i	1.3573-3.9466i
76.2	-0.5299+1.3054i	1.2764-1.5415i	-0.0166-3.3331i	1.0394-1.2258i	1.2821-2.0988i	-0.7682-3.3681i	1.1281-4.0822i
76.3	-0.4407+1.2755i	1.1562-1.4892i	-0.1627-3.3152i	0.9367-1.1842i	1.1220-2.0430i	-0.9338-3.3471i	0.9751-4.0333i
76.4	-0.3733+1.2053i	1.0377-1.3812i	-0.0758-3.1341i	0.8574-1.0844i	1.0056-1.9030i	-0.8531-3.1388i	0.8011-3.7744i
76.5	-0.3411+1.2211i	0.9945-1.3863i	-0.0969-3.2541i	0.8327-1.1029i	0.9505-1.9359i	-0.8880-3.1988i	0.8646-3.7888i
76.6	-0.2807+1.2317i	0.9168-1.3891i	-0.1674-3.2368i	0.7622-1.1014i	0.8609-1.9421i	-0.9222-3.1375i	0.8742-3.7368i
76.7	-0.2087+1.2054i	0.7807-1.3501i	-0.2097-3.0392i	0.6364-1.0436i	0.7088-1.8799i	-0.9053-2.9242i	0.7658-3.5890i
76.8	-0.2063+1.1415i	0.7434-1.2703i	-0.1170-2.8992i	0.6166-0.9912i	0.6749-1.7755i	-0.8258-2.7748i	0.6925-3.6131i
76.9	-0.1461+1.1311i	0.6637-1.2888i	-0.2971-2.8892i	0.5285-1.0252i	0.5520-1.7839i	-1.0051-2.6868i	0.4002-3.7622i
77.0	-0.0730+1.1435i	0.5755-1.3040i	-0.3846-3.0596i	0.4505-1.0398i	0.4380-1.8344i	-1.0735-2.8155i	0.2297-3.8150i
77.1	-0.0622+1.0766i	0.5483-1.2382i	-0.4248-2.9815i	0.4369-1.0079i	0.4032-1.7479i	-1.1157-2.7028i	0.1629-3.7895i
77.2	-0.0578+1.0212i	0.5338-1.1556i	-0.4739-2.8218i	0.4113-0.9422i	0.3778-1.6295i	-1.1668-2.4939i	0.1729-3.6584i
77.3	-0.1033+0.9928i	0.5525-1.1009i	-0.3319-2.5640i	0.4217-0.8638i	0.4212-1.5440i	-1.0043-2.2108i	0.1110-3.6099i
77.4	-0.0933+0.9632i	0.5544-1.0590i	-0.3893-2.6710i	0.4337-0.8355i	0.4049-1.5203i	-1.0663-2.2911i	0.1092-3.6118i
77.5	-0.0826+0.9762i	0.5727-1.0919i	-0.4193-2.7868i	0.4584-0.8866i	0.3989-1.5650i	-1.0790-2.3225i	-0.0165-3.7432i
77.6	-0.0718+0.9766i	0.5330-1.1185i	-0.4808-2.5478i	0.4171-0.8954i	0.3528-1.5501i	-1.0609-2.0193i	-0.1166-3.6545i
77.7	-0.0672+0.9472i	0.4920-1.0772i	-0.3818-2.3561i	0.3952-0.8568i	0.3319-1.4862i	-0.8883-1.8199i	-0.1447-3.5613i
77.8	-0.0544+0.9756i	0.4587-1.1115i	-0.3409-2.3367i	0.3597-0.8803i	0.3015-1.5147i	-0.7822-1.7624i	-0.3736-3.5552i
77.9	-0.0150+1.0385i	0.4519-1.1674i	-0.4010-2.5655i	0.3657-0.9351i	0.2766-1.6121i	-0.8241-1.9597i	-0.3853-3.6656i
78.0	-0.0524+1.0127i	0.4876-1.1523i	-0.4346-2.4439i	0.3933-0.9169i	0.3008-1.5684i	-0.8661-1.8449i	-0.3185-3.7495i
78.1	-0.0805+0.9583i	0.4280-1.0771i	-0.2279-2.0223i	0.3339-0.8324i	0.2880-1.4340i	-0.5607-1.4741i	-0.4786-3.4239i
78.2	-0.0736+0.9479i	0.3824-1.0554i	-0.2516-1.8391i	0.2817-0.8056i	0.2436-1.3828i	-0.5267-1.2971i	-0.5726-3.3306i
78.3	-0.0587+0.9591i	0.3562-1.0751i	-0.1997-1.8432i	0.2598-0.8407i	0.2231-1.4058i	-0.4303-1.2954i	-0.6950-3.3086i
78.4	-0.0419+0.9696i	0.3143-1.0920i	-0.2885-1.7872i	0.2135-0.8468i	0.1648-1.4144i	-0.4740-1.2315i	-0.8305-3.2834i
78.5	-0.0624+0.9697i	0.3099-1.0795i	-0.1904-1.5603i	0.2103-0.8094i	0.1824-1.3667i	-0.3502-1.0225i	-0.8130-3.2042i
78.6	-0.0191+1.0427i	0.2794-1.1498i	-0.1369-1.6639i	0.1823-0.8639i	0.1535-1.4662i	-0.2671-1.1079i	-0.8656-3.2946i
78.7	-0.0898+1.1087i	0.3450-1.1601i	0.1922-1.6658i	0.2486-0.8595i	0.2733-1.5131i	0.0419-1.1365i	-0.7672-3.3853i
78.8	-0.0885+1.1415i	0.3505-1.1711i	0.3220-1.7110i	0.2650-0.8682i	0.2800-1.5474i	0.1670-1.1802i	-0.8185-3.4731i
78.9	-0.0401+1.2301i	0.3439-1.2451i	0.4070-1.8851i	0.2734-0.9198i	0.2585-1.6791i	0.2605-1.3609i	-0.8852-3.6651i
79.0	0.0923+1.3463i	0.2437-1.3775i	0.2648-2.0297i	0.1972-1.0136i	0.0976-1.8421i	0.1591-1.4628i	-1.2712-3.9358i
79.1	0.2575+1.4104i	0.1128-1.4697i	0.1140-2.2414i	0.1052-1.0958i	-0.1222-1.9566i	0.0437-1.6402i	-1.7908-4.0223i
79.2	0.5001+1.3482i	-0.1206-1.4824i	-0.2628-2.2835i	-0.0808-1.1277i	-0.4648-1.9240i	-0.2257-1.6642i	-2.4372-3.6973i
79.3	0.5515+1.1817i	-0.2757-1.3582i	-0.5015-1.8177i	-0.2391-1.0076i	-0.6203-1.6665i	-0.3850-1.2201i	-2.7231-3.1201i
79.4	0.5507+0.9965i	-0.3402-1.1934i	-0.5382-1.4713i	-0.2947-0.8761i	-0.6627-1.4046i	-0.3998-0.9424i	-2.6441-2.5542i
79.5	0.5532+0.9326i	-0.3318-1.1241i	-0.4983-1.4348i	-0.2902-0.8305i	-0.6714-1.3151i	-0.3744-0.9438i	-2.5143-2.5433i
79.6	0.5736+0.9371i	-0.3710-1.1218i	-0.2743-1.3085i	-0.2945-0.8024i	-0.6600-1.2844i	-0.1169-0.8324i	-2.5203-2.3215i
79.7	0.5605+0.8950i	-0.3967-1.0706i	-0.2099-1.1894i	-0.2977-0.7563i	-0.6460-1.2027i	-0.0173-0.7259i	-2.5603-2.0622i
79.8	0.5824+0.9211i	-0.4171-1.0560i	0.0445-1.0629i	-0.2747-0.7047i	-0.6206-1.1890i	0.2687-0.6121i	-2.5785-1.9528i
79.9	0.5625+0.8334i	-0.4158-0.9789i	-0.0770-0.9882i	-0.2936-0.6425i	-0.6289-1.0705i	0.1118-0.5738i	-2.3895-1.8430i
80.0	0.5814+0.8171i	-0.4407-0.9488i	0.0113-0.9882i	-0.3105-0.6075i	-0.6497-1.0311i	0.2087-0.5949i	-2.4825-1.7213i

2.1.73 Run 7 – VT270 – Accels 1–8

Vertical shaking at 270°. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	4.5196+0.0000i	12.0796+0.0000i	-2.8902+0.0000i	15.7507+0.0000i	-0.5989+0.0000i	8.0772+0.0000i	5.0316+0.0000i	2.8016+0.0000i
0.1	0.8508+0.5238i	1.7159+1.4880i	-0.7143+0.1991i	2.0866+1.8857i	-0.1186+0.0898i	1.3821+0.7528i	0.7451+0.6455i	-0.5977+0.0242i
0.2	0.0786+0.1404i	-0.1105+0.0590i	-0.1338+0.0250i	-0.2098+0.0591i	-0.0067+0.0543i	0.0284+0.0737i	-0.0501+0.2044i	-0.2281-0.1231i
0.3	-0.0038+0.0939i	0.0341-0.0710i	0.0305-0.0476i	0.0426-0.0184i	0.0176-0.0087i	0.0224-0.0252i	0.0571-0.0047i	-0.0097-0.1558i
0.4	0.0312+0.0339i	0.0033-0.0133i	0.0094-0.0132i	0.0095-0.0109i	0.0092-0.0042i	0.0075+0.0074i	0.0041-0.0148i	-0.0806-0.0228i
0.5	0.0096-0.0034i	-0.0011-0.0005i	0.0124-0.0199i	0.0040-0.0128i	0.0063+0.0011i	0.0116+0.0013i	-0.0067-0.0024i	-0.0518+0.0317i
0.6	0.0040-0.0015i	0.0056+0.0120i	0.0135+0.0054i	0.0005-0.0000i	0.0012+0.0003i	0.0025-0.0031i	-0.0030-0.0039i	-0.0017+0.0010i
0.7	0.0036+0.0052i	0.0172+0.0036i	0.0149+0.0032i	-0.0021-0.0013i	0.0013-0.0002i	-0.0019-0.0012i	0.0011-0.0041i	-0.0019-0.0044i
0.8	0.0043+0.0055i	0.0274+0.0087i	0.0176+0.0083i	-0.0035-0.0004i	0.0009+0.0007i	-0.0040+0.0009i	-0.0005-0.0021i	-0.0027-0.0055i
0.9	0.0105+0.0058i	0.0288+0.0138i	0.0199+0.0136i	-0.0024+0.0034i	-0.0001-0.0003i	-0.0008+0.0009i	-0.0025-0.0002i	-0.0013-0.0009i
1.0	0.0122+0.0019i	0.0280+0.0054i	0.0241+0.0076i	-0.0072+0.0002i	-0.0011+0.0008i	0.0000-0.0011i	-0.0043-0.0000i	-0.0007-0.0001i
1.1	0.0137+0.0003i	0.0339+0.0024i	0.0288+0.0048i	-0.0061+0.0005i	-0.0015-0.0003i	-0.0004-0.0010i	-0.0063+0.0001i	-0.0040+0.0002i
1.2	0.0161+0.0021i	0.0380+0.0006i	0.0331+0.0030i	-0.0094+0.0012i	-0.0020-0.0004i	-0.0008+0.0005i	-0.0076-0.0005i	-0.0028-0.0000i
1.3	0.0144+0.0018i	0.0423-0.0002i	0.0372+0.0032i	-0.0106-0.0031i	-0.0044+0.0001i	-0.0020+0.0018i	-0.0092-0.0008i	-0.0034+0.0003i
1.4	0.0167+0.0013i	0.0443-0.0002i	0.0407+0.0039i	-0.0122-0.0015i	-0.0047+0.0002i	-0.0014+0.0003i	-0.0096-0.0014i	-0.0055-0.0007i
1.5	0.0194+0.0026i	0.0608+0.0082i	0.0518+0.0110i	-0.0102-0.0004i	-0.0044-0.0002i	-0.0001+0.0006i	-0.0104-0.0011i	-0.0064-0.0003i
1.6	0.0231+0.0022i	0.0701+0.0074i	0.0564+0.0119i	-0.0154-0.0004i	-0.0062-0.0010i	0.0012+0.0011i	-0.0125-0.0025i	-0.0063+0.0023i
1.7	0.0238+0.0046i	0.0806+0.0129i	0.0639+0.0159i	-0.0159+0.0031i	-0.0111-0.0034i	0.0026+0.0012i	-0.0149-0.0008i	-0.0096-0.0004i
1.8	0.0282+0.0056i	0.1039+0.0049i	0.0806+0.0099i	-0.0155+0.0045i	-0.0139-0.0026i	0.0064-0.0048i	-0.0194-0.0006i	-0.0181-0.0034i
1.9	0.0319+0.0034i	0.1154+0.0019i	0.0787-0.0007i	-0.0183+0.0056i	-0.0194-0.0007i	0.0031-0.0148i	-0.0227-0.0003i	-0.0228+0.0004i
2.0	0.0364+0.0059i	0.1152-0.0063i	0.0755-0.0093i	-0.0240-0.0025i	-0.0246-0.0012i	-0.0021-0.0206i	-0.0234-0.0007i	-0.0246+0.0034i
2.1	0.0437+0.0077i	0.1241-0.0014i	0.0616-0.0051i	-0.0292-0.0039i	-0.0382-0.0023i	-0.0253-0.0132i	-0.0268-0.0011i	-0.0359+0.0008i
2.2	0.0477+0.0040i	0.1435+0.0083i	0.0521+0.0103i	-0.0310+0.0004i	-0.0547+0.0022i	-0.0270+0.0050i	-0.0301-0.0017i	-0.0536+0.0027i
2.3	0.0543+0.0019i	0.2148-0.0158i	0.0382+0.0378i	-0.0378+0.0021i	-0.1120+0.0355i	-0.0031+0.0070i	-0.0345-0.0000i	-0.1142+0.0356i
2.4	0.0512-0.0035i	0.1184-0.1665i	0.1375+0.1510i	-0.0382-0.0011i	0.0175+0.2037i	-0.0040+0.0018i	-0.0328+0.0069i	0.0183+0.2091i
2.5	0.0473-0.0028i	-0.0007-0.1228i	0.2384+0.1262i	-0.0399+0.0027i	0.1576+0.1561i	-0.0079+0.0028i	-0.0290+0.0055i	0.1652+0.1602i
2.6	0.0524+0.0041i	0.0652-0.0142i	0.2075+0.0355i	-0.0458-0.0013i	0.0928+0.0278i	-0.0050+0.0029i	-0.0340-0.0005i	0.0979+0.0284i
2.7	0.0594+0.0059i	0.1060+0.0031i	0.2067+0.0221i	-0.0440-0.0017i	0.0666+0.0093i	-0.0032+0.0025i	-0.0386-0.0017i	0.0695+0.0098i
2.8	0.0648+0.0033i	0.1341+0.0059i	0.2097+0.0195i	-0.0466+0.0017i	0.0468+0.0057i	-0.0023+0.0033i	-0.0441-0.0019i	0.0510+0.0071i
2.9	0.0745+0.0055i	0.1473+0.0034i	0.2113+0.0176i	-0.0574+0.0042i	0.0369+0.0060i	-0.0039+0.0025i	-0.0480-0.0007i	0.0448+0.0076i
3.0	0.0836+0.0031i	0.1704+0.0015i	0.2152+0.0185i	-0.0621+0.0007i	0.0327+0.0061i	-0.0071+0.0037i	-0.0532-0.0013i	0.0379+0.0055i
3.1	0.0976+0.0051i	0.2015-0.0020i	0.2351+0.0168i	-0.0610-0.0046i	0.0278+0.0058i	-0.0057+0.0047i	-0.0576-0.0030i	0.0371+0.0065i
3.2	0.0957+0.0062i	0.2099+0.0014i	0.2497+0.0211i	-0.0604-0.0023i	0.0300+0.0099i	-0.0036+0.0035i	-0.0626-0.0043i	0.0373+0.0094i
3.3	0.0939+0.0043i	0.2158+0.0057i	0.2619+0.0202i	-0.0716-0.0002i	0.0306+0.0065i	-0.0022+0.0028i	-0.0673-0.0036i	0.0390+0.0075i
3.4	0.1058+0.0125i	0.2332+0.0179i	0.2789+0.0228i	-0.0852+0.0019i	0.0305+0.0041i	-0.0008+0.0037i	-0.0706-0.0045i	0.0355+0.0042i
3.5	0.1289+0.0135i	0.2538+0.0172i	0.2856+0.0219i	-0.0847-0.0001i	0.0248+0.0045i	-0.0017+0.0052i	-0.0791-0.0072i	0.0296+0.0040i
3.6	0.1367+0.0030i	0.2882+0.0100i	0.3056+0.0152i	-0.1027-0.0299i	0.0254+0.0015i	-0.0055+0.0004i	-0.0922+0.0016i	0.0408-0.0014i
3.7	0.1401-0.0063i	0.3249+0.0043i	0.3420+0.0195i	-0.0982-0.0060i	0.0261-0.0008i	-0.0080-0.0019i	-0.0940+0.0060i	0.0394-0.0025i
3.8	0.1448+0.0007i	0.3327+0.0022i	0.3558+0.0188i	-0.1055-0.0067i	0.0235+0.0010i	-0.0095-0.0007i	-0.1013+0.0006i	0.0381+0.0002i
3.9	0.1556+0.0012i	0.3478+0.0122i	0.3710+0.0229i	-0.1134-0.0040i	0.0231-0.0000i	-0.0083+0.0024i	-0.1063-0.0007i	0.0391-0.0007i
4.0	0.1609+0.0020i	0.3618+0.0126i	0.3842+0.0218i	-0.1194-0.0026i	0.0224-0.0009i	-0.0063+0.0017i	-0.1112-0.0013i	0.0393-0.0006i
4.1	0.1698+0.0047i	0.3781+0.0113i	0.3974+0.0196i	-0.1268-0.0039i	0.0209-0.0003i	-0.0048+0.0001i	-0.1185-0.0027i	0.0394+0.0000i
4.2	0.1817+0.0042i	0.3994+0.0058i	0.4139+0.0179i	-0.1399-0.0023i	0.0205+0.0001i	-0.0049-0.0017i	-0.1280-0.0024i	0.0408+0.0001i
4.3	0.1924+0.0040i	0.4259+0.0075i	0.4331+0.0163i	-0.1483-0.0013i	0.0207-0.0007i	-0.0047-0.0041i	-0.1381-0.0028i	0.0432-0.0002i
4.4	0.2069+0.0054i	0.4528+0.0061i	0.4539+0.0107i	-0.1553-0.0062i	0.0193-0.0009i	-0.0061-0.0065i	-0.1506-0.0039i	0.0443+0.0002i
4.5	0.2193+0.0072i	0.4784+0.0063i	0.4665+0.0094i	-0.1727-0.0023i	0.0167-0.0021i	-0.0058-0.0099i	-0.1624-0.0043i	0.0445+0.0007i
4.6	0.2342+0.0136i	0.5046+0.0012i	0.4825+0.0070i	-0.1783-0.0010i	0.0150-0.0013i	-0.0027-0.0151i	-0.1736-0.0053i	0.0458+0.0015i
4.7	0.2573+0.0156i	0.5302-0.0134i	0.4920+0.0121i	-0.1862+0.0013i	0.0135+0.0063i	-0.0124-0.0258i	-0.1876-0.0021i	0.0484+0.0063i
4.8	0.2719+0.0077i	0.5161-0.0054i	0.5053+0.0181i	-0.1925+0.0060i	0.0322+0.0058i	-0.0529-0.0163i	-0.1945+0.0047i	0.0700+0.0034i
4.9	0.2764+0.0057i	0.5292+0.0301i	0.5186+0.0300i	-0.2076-0.0087i	0.0312-0.0069i	-0.0512+0.0111i	-0.2030-0.0038i	0.0702-0.0102i
5.0	0.3112+0.0147i	0.6313+0.0334i	0.5780+0.0549i	-0.2495-0.0079i	0.0164-0.0026i	-0.0151+0.0198i	-0.2446-0.0132i	0.0613-0.0025i
5.1	0.3301+0.0182i	0.6442+0.0227i	0.6013+0.0464i	-0.2668-0.0107i	0.0229+0.0016i	-0.0147+0.0141i	-0.2615-0.0128i	0.0704+0.0006i
5.2	0.3494+0.0195i	0.6576+0.0332i	0.6152+0.0307i	-0.2791-0.0117i	0.0296-0.0102i	-0.0112+0.0145i	-0.2779-0.0135i	0.0786-0.0089i
5.3	0.3981+0.0125i	0.7281+0.0718i	0.6255+0.0175i	-0.3098+0.0007i	0.0142-0.0358i	-0.0001+0.0125i	-0.3131-0.0072i	0.0727-0.0274i
5.4	0.4271-0.0115i	0.8254+0.0370i	0.6126+0.0684i	-0.3338+0.0189i	-0.0281-0.0046i	-0.0054-0.0029i	-0.3432+0.0120i	0.0453-0.0053i
5.5	0.4527-0.0144i	0.8442-0.0193i	0.6756+0.0781i	-0.3557+0.0105i	-0.0089+0.0228i	-0.0085-0.0057i	-0.3699+0.0186i	0.0692+0.0153i
5.6	0.4786-0.0169i	0.8799-0.0313i	0.7010+0.0613i	-0.3898+0.0148i	-0.0036+0.0245i	-0.0078-0.0141i	-0.4000+0.0187i	0.0824+0.0153i

5.7	0.5096-0.0189i	0.9172-0.0416i	0.7041+0.0578i	-0.4180+0.0140i	-0.0033+0.0269i	-0.0203-0.0195i	-0.4317+0.0201i	0.0915+0.0172i
5.8	0.5452-0.0316i	0.9496-0.0580i	0.7190+0.0773i	-0.4502+0.0258i	0.0031+0.0349i	-0.0302-0.0132i	-0.4677+0.0355i	0.1072+0.0186i
5.9	0.5799-0.0336i	0.9775-0.0590i	0.7404+0.0889i	-0.4813+0.0285i	0.0117+0.0380i	-0.0372-0.0066i	-0.5036+0.0394i	0.1246+0.0191i
6.0	0.6267-0.0344i	1.0180-0.0463i	0.7569+0.0962i	-0.5214+0.0278i	0.0176+0.0357i	-0.0406+0.0051i	-0.5504+0.0392i	0.1428+0.0165i
6.1	0.6805-0.0460i	1.0779-0.0492i	0.7721+0.1033i	-0.5697+0.0382i	0.0183+0.0341i	-0.0344+0.0122i	-0.6064+0.0498i	0.1583+0.0116i
6.2	0.7673-0.0664i	1.1748-0.0651i	0.7875+0.1172i	-0.6520+0.0579i	0.0193+0.0393i	-0.0258+0.0115i	-0.6997+0.0726i	0.1852+0.0086i
6.3	0.8396-0.0889i	1.2465-0.0848i	0.7879+0.1279i	-0.7185+0.0772i	0.0214+0.0433i	-0.0238+0.0076i	-0.7779+0.0957i	0.2090+0.0054i
6.4	0.9235-0.1176i	1.3272-0.1088i	0.7806+0.1412i	-0.7968+0.1017i	0.0223+0.0466i	-0.0232+0.0051i	-0.8720+0.1263i	0.2371+0.0001i
6.5	1.0331-0.1517i	1.4306-0.1340i	0.7621+0.1599i	-0.9044+0.1300i	0.0248+0.0504i	-0.0245+0.0026i	-0.9978+0.1619i	0.2778-0.0058i
6.6	1.1887-0.2164i	1.5706-0.1940i	0.7188+0.2048i	-1.0540+0.1874i	0.0317+0.0632i	-0.0279-0.0018i	-1.1782+0.2341i	0.3410-0.0176i
6.7	1.3444-0.2949i	1.6960-0.2705i	0.6695+0.2616i	-1.2013+0.2606i	0.0402+0.0767i	-0.0332-0.0031i	-1.3565+0.3251i	0.4068-0.0364i
6.8	1.6693-0.4592i	1.9479-0.4054i	0.5388+0.3732i	-1.5109+0.4155i	0.0556+0.0873i	-0.0417-0.0006i	-1.7356+0.5162i	0.5405-0.0911i
6.9	1.9926-0.7191i	2.1838-0.6038i	0.3919+0.5507i	-1.8243+0.6534i	0.0766+0.0985i	-0.0499+0.0075i	-2.1194+0.8201i	0.6828-0.1850i
7.0	2.3118-1.5983i	2.3803-1.2727i	0.3073+1.1179i	-2.1346+1.4972i	0.1368+0.1146i	-0.0472+0.0257i	-2.4913+1.8610i	0.8508-0.5184i
7.1	2.1936-2.6669i	2.2544-2.0411i	0.4978+1.7699i	-2.0315+2.5246i	0.2040+0.0915i	-0.0341+0.0352i	-2.3497+3.1269i	0.8549-0.9565i
7.2	0.5142-3.5610i	1.0177-2.5677i	1.6150+2.1944i	-0.4304+3.4002i	0.2379-0.0476i	-0.0306+0.0150i	-0.3652+4.1951i	0.2283-1.4190i
7.3	-0.8515-3.3395i	0.0709-2.3356i	2.4513+2.0558i	0.8833+3.1974i	0.1883-0.1300i	-0.0445+0.0272i	1.2547+3.9510i	-0.3455-1.4249i
7.4	-1.7363-2.4170i	-0.5257-1.6373i	3.0942+1.5496i	1.7393+2.3185i	0.1217-0.1457i	-0.0177+0.0570i	2.3282+2.8759i	-0.7869-1.1036i
7.5	-1.7367-1.3899i	-0.4692-0.8776i	3.1918+0.8870i	1.7459+1.3421i	0.0788-0.1288i	0.0048+0.0376i	2.3558+1.6571i	-0.8545-0.6730i
7.6	-1.3423-0.8071i	-0.1149-0.4604i	2.9941+0.5024i	1.3722+0.7839i	0.0506-0.1095i	0.0003+0.0170i	1.9017+0.9624i	-0.7321-0.4169i
7.7	-1.0088-0.6154i	0.1547-0.3475i	2.8541+0.3916i	1.0546+0.5981i	0.0501-0.0948i	-0.0058+0.0136i	1.5171+0.7371i	-0.6111-0.3322i
7.8	-0.8165-0.5475i	0.3027-0.3333i	2.8428+0.3705i	0.8698+0.5375i	0.0466-0.0908i	-0.0053+0.0128i	1.3093+0.6655i	-0.5644-0.3136i
7.9	-0.7492-0.4896i	0.3165-0.2931i	2.9330+0.3367i	0.8078+0.4797i	0.0431-0.0879i	-0.0017+0.0104i	1.2591+0.5963i	-0.5821-0.2889i
8.0	-0.6552-0.3884i	0.3893-0.1839i	2.9685+0.2091i	0.7221+0.3865i	0.0320-0.0834i	-0.0057+0.0017i	1.1678+0.4622i	-0.5799-0.2176i
8.1	-0.5553-0.3309i	0.4699-0.1088i	3.0090+0.1442i	0.6308+0.3363i	0.0220-0.0873i	-0.0084+0.0014i	1.0711+0.3881i	-0.5749-0.1854i
8.2	-0.4929-0.2708i	0.5154-0.0218i	3.0770+0.0942i	0.5740+0.2781i	0.0138-0.0878i	-0.0071+0.0004i	1.0212+0.3084i	-0.5859-0.1477i
8.3	-0.4129-0.2169i	0.5854+0.0507i	3.1371+0.0369i	0.4972+0.2231i	0.0052-0.0806i	-0.0072-0.0031i	0.9430+0.2331i	-0.5869-0.1029i
8.4	-0.3265-0.1996i	0.6519+0.0853i	3.2024-0.0117i	0.4138+0.2105i	0.0017-0.0738i	-0.0079-0.0053i	0.8631+0.2046i	-0.5843-0.0720i
8.5	-0.2471-0.1767i	0.7026+0.1252i	3.2855-0.0505i	0.3410+0.1949i	-0.0029-0.0672i	-0.0090-0.0086i	0.7955+0.1713i	-0.5909-0.0431i
8.6	-0.1660-0.1697i	0.7141+0.1774i	3.4087-0.0997i	0.2629+0.1856i	-0.0025-0.0611i	-0.0095-0.0120i	0.7355+0.1470i	-0.6100-0.0116i
8.7	-0.0795-0.1751i	0.7018+0.2566i	3.5607-0.1712i	0.1807+0.1955i	-0.0043-0.0576i	-0.0100-0.0149i	0.6804+0.1292i	-0.6452+0.0300i
8.8	-0.0048-0.1795i	0.6564+0.3533i	3.7262-0.2508i	0.1016+0.2065i	-0.0054-0.0533i	-0.0085-0.0173i	0.6357+0.1078i	-0.6908+0.0778i
8.9	0.0857-0.2196i	0.6212+0.5353i	3.9024-0.4128i	0.0094+0.2511i	-0.0023-0.0528i	-0.0057-0.0226i	0.5779+0.0978i	-0.7278+0.1601i
9.0	0.1404-0.2976i	0.6651+0.7751i	4.0057-0.6479i	-0.0476+0.3358i	-0.0045-0.0551i	-0.0066-0.0318i	0.5325+0.1067i	-0.7365+0.2679i
9.1	0.1951-0.3731i	0.7909+1.0045i	4.0518-0.8788i	-0.0860+0.4184i	-0.0009-0.0534i	-0.0111-0.0421i	0.4735+0.1167i	-0.7045+0.3761i
9.2	0.3050-0.4774i	0.6361+1.2860i	4.3222-1.1341i	-0.1985+0.5320i	0.0024-0.0649i	-0.0116-0.0510i	0.4244+0.1513i	-0.7912+0.4815i
9.3	0.2850-0.7729i	0.8755+2.1567i	4.2776-1.9531i	-0.1793+0.8704i	-0.0170-0.0796i	-0.0277-0.0697i	0.4101+0.2180i	-0.7498+0.8504i
9.4	0.0131-0.9742i	1.8575+2.7281i	3.5075-2.4942i	0.1361+1.0956i	-0.0435-0.0710i	-0.0573-0.0735i	0.4553+0.2648i	-0.3780+1.1175i
9.5	-0.3794-0.9025i	3.2168+2.5396i	2.4585-2.2979i	0.5852+1.0267i	-0.0597-0.0446i	-0.0854-0.0550i	0.5207+0.2504i	0.1627+1.0645i
9.6	-0.4794-0.6732i	3.6357+1.8309i	2.2109-1.6559i	0.6995+0.7712i	-0.0502-0.0259i	-0.0834-0.0360i	0.5284+0.2047i	0.3329+0.7752i
9.7	-0.4840-0.4787i	3.8028+1.2480i	2.2359-1.1067i	0.7095+0.5504i	-0.0419-0.0109i	-0.0772-0.0251i	0.5164+0.1621i	0.3813+0.5330i
9.8	-0.4186-0.3602i	3.7742+0.8729i	2.4596-0.7833i	0.6516+0.4188i	-0.0328-0.0067i	-0.0725-0.0210i	0.4941+0.1374i	0.3402+0.3776i
9.9	-0.3463-0.2819i	3.7279+0.6137i	2.6998-0.5644i	0.5832+0.3256i	-0.0254-0.0063i	-0.0678-0.0199i	0.4662+0.1247i	0.2901+0.2675i
10.0	-0.2884-0.2498i	3.7068+0.4808i	2.8855-0.4651i	0.5344+0.2856i	-0.0197-0.0050i	-0.0666-0.0236i	0.4436+0.1212i	0.2549+0.2120i
10.1	-0.2230-0.2260i	3.7024+0.3690i	3.1179-0.3997i	0.4736+0.2641i	-0.0148-0.0029i	-0.0654-0.0251i	0.4183+0.1233i	0.2120+0.1707i
10.2	-0.1861-0.2257i	3.7168+0.3153i	3.2778-0.3655i	0.4309+0.2597i	-0.0116-0.0044i	-0.0650-0.0272i	0.4026+0.1315i	0.1869+0.1497i
10.3	-0.1596-0.2339i	3.7496+0.2932i	3.4260-0.3519i	0.4084+0.2702i	-0.0086-0.0053i	-0.0678-0.0285i	0.3951+0.1453i	0.1672+0.1373i
10.4	-0.1562-0.2375i	3.8438+0.2757i	3.5795-0.3142i	0.4064+0.2695i	-0.0058-0.0063i	-0.0713-0.0298i	0.4034+0.1531i	0.1588+0.1226i
10.5	-0.1609-0.2295i	3.9396+0.2585i	3.6962-0.2792i	0.4149+0.2525i	-0.0056-0.0068i	-0.0742-0.0321i	0.4161+0.1496i	0.1585+0.1084i
10.6	-0.1559-0.2079i	4.0571+0.2100i	3.8494-0.2349i	0.4184+0.2243i	-0.0058-0.0072i	-0.0771-0.0336i	0.4228+0.1347i	0.1551+0.0885i
10.7	-0.1366-0.1764i	4.1519+0.1543i	4.0001-0.2014i	0.4023+0.1908i	-0.0049-0.0069i	-0.0821-0.0342i	0.4192+0.1140i	0.1475+0.0696i
10.8	-0.1145-0.1474i	4.2341+0.1022i	4.1691-0.1825i	0.3765+0.1637i	-0.0031-0.0058i	-0.0857-0.0351i	0.4067+0.0979i	0.1343+0.0546i
10.9	-0.0839-0.1328i	4.3190+0.0711i	4.3606-0.1549i	0.3385+0.1430i	-0.0005-0.0062i	-0.0917-0.0347i	0.3899+0.0863i	0.1199+0.0409i
11.0	-0.0489-0.1268i	4.4405+0.0537i	4.5665-0.1417i	0.3105+0.1357i	0.0009-0.0064i	-0.0947-0.0330i	0.3737+0.0805i	0.1076+0.0347i
11.1	-0.0309-0.1297i	4.5308+0.0406i	4.7037-0.1481i	0.2930+0.1272i	0.0014-0.0071i	-0.0962-0.0317i	0.3638+0.0786i	0.1006+0.0310i
11.2	-0.0068-0.1338i	4.6357+0.0341i	4.8631-0.1442i	0.2757+0.1181i	0.0020-0.0074i	-0.1004-0.0310i	0.3535+0.0758i	0.0941+0.0255i
11.3	0.0100-0.1428i	4.8005+0.0382i	5.1055-0.1080i	0.2482+0.1134i	0.0027-0.0072i	-0.1044-0.0294i	0.3403+0.0729i	0.0863+0.0184i
11.4	0.0226-0.1350i	4.9293+0.0244i	5.2897-0.1221i	0.2345+0.1115i	0.0041-0.0071i	-0.1050-0.0292i	0.3309+0.0710i	0.0816+0.0147i
11.5	0.0332-0.1369i	5.0752-0.0108i	5.4856-0.1399i	0.2181+0.1125i	0.0040-0.0068i	-0.1055-0.0278i	0.3203+0.0704i	0.0756+0.0123i
11.6	0.0484-0.1316i	5.2460-0.0176i	5.7087-0.1391i	0.1959+0.1078i	0.0047-0.0068i	-0.1079-0.0240i	0.3066+0.0691i	0.0687+0.0103i
11.7	0.0609-0.1262i	5.4102-0.0141i	5.9246-0.1268i	0.1755+0.1149i	0.0053-0.0074i	-0.1105-0.0247i	0.2966+0.0678i	0.0660+0.0081i
11.8	0.0757-0.1227i	5.5801-0.0214i	6.1582-0.1402i	0.1551+0.1180i	0.0074-0.0077i	-0.1108-0.0254i	0.2878+0.0689i	0.0639+0.0060i
11.9	0.0955-0.1207i	5.7703-0.0466i	6.4249-0.1866i	0.1461+0.1131i	0.0092-0.0081i	-0.1101-0.0261i	0.2752+0.0730i	0.0624+0.0049i

12.0	0.1101−0.1171i	5.9719−0.0467i	6.6901−0.1961i	0.1299+0.1236i	0.0100−0.0090i	−0.1119−0.0262i	0.2659+0.0759i	0.0641+0.0042i
12.1	0.1258−0.1209i	6.2127−0.0287i	6.9974−0.1978i	0.1076+0.1369i	0.0100−0.0100i	−0.1097−0.0293i	0.2545+0.0826i	0.0653+0.0009i
12.2	0.1412−0.1292i	6.4291−0.0633i	7.2681−0.2492i	0.0977+0.1393i	0.0114−0.0110i	−0.1081−0.0309i	0.2449+0.0914i	0.0687−0.0051i
12.3	0.1527−0.1366i	6.6879−0.0848i	7.5592−0.3075i	0.0891+0.1593i	0.0127−0.0134i	−0.1072−0.0355i	0.2388+0.1002i	0.0719−0.0122i
12.4	0.1573−0.1392i	6.9703−0.1125i	7.8768−0.3710i	0.0752+0.1706i	0.0122−0.0147i	−0.1044−0.0416i	0.2376+0.1094i	0.0760−0.0212i
12.5	0.1598−0.1420i	7.2574−0.1633i	8.1765−0.4511i	0.0717+0.1799i	0.0106−0.0169i	−0.1024−0.0521i	0.2398+0.1180i	0.0802−0.0369i
12.6	0.1639−0.1424i	7.5115−0.2200i	8.4415−0.5155i	0.0766+0.1920i	0.0105−0.0179i	−0.1031−0.0628i	0.2401+0.1204i	0.0777−0.0536i
12.7	0.1712−0.1463i	7.8457−0.3335i	8.7994−0.6347i	0.0794+0.1977i	0.0102−0.0191i	−0.1125−0.0789i	0.2415+0.1242i	0.0655−0.0760i
12.8	0.1759−0.1449i	8.1222−0.3989i	9.1023−0.7009i	0.0812+0.1889i	0.0073−0.0204i	−0.1251−0.0951i	0.2418+0.1235i	0.0499−0.0967i
12.9	0.1789−0.1396i	8.4607−0.4988i	9.4572−0.8005i	0.0707+0.1918i	0.0064−0.0199i	−0.1479−0.1059i	0.2435+0.1244i	0.0234−0.1066i
13.0	0.1844−0.1311i	8.7698−0.5588i	9.7788−0.8553i	0.0682+0.1872i	0.0023−0.0185i	−0.1735−0.1075i	0.2442+0.1201i	−0.0105−0.1056i
13.1	0.1920−0.1278i	9.0405−0.6128i	10.1129−0.9129i	0.0597+0.1951i	0.0003−0.0187i	−0.1909−0.1016i	0.2440+0.1214i	−0.0326−0.0961i
13.2	0.2019−0.1327i	9.4228−0.5750i	10.5535−0.8691i	0.0516+0.1943i	−0.0006−0.0175i	−0.2082−0.0949i	0.2415+0.1266i	−0.0532−0.0808i
13.3	0.2060−0.1421i	9.9362−0.5580i	11.1222−0.8527i	0.0516+0.2159i	−0.0032−0.0166i	−0.2202−0.0851i	0.2426+0.1385i	−0.0659−0.0582i
13.4	0.2038−0.1496i	10.3654−0.6183i	11.5693−0.9177i	0.0508+0.2314i	−0.0047−0.0136i	−0.2281−0.0760i	0.2471+0.1451i	−0.0698−0.0388i
13.5	0.1930−0.1535i	10.8533−0.6764i	12.0679−1.0103i	0.0644+0.2427i	−0.0055−0.0120i	−0.2339−0.0691i	0.2625+0.1473i	−0.0658−0.0250i
13.6	0.1741−0.1439i	11.5327−0.8049i	12.7802−1.1594i	0.0973+0.2291i	−0.0045−0.0092i	−0.2384−0.0651i	0.2831+0.1400i	−0.0543−0.0105i
13.7	0.1616−0.1290i	12.2804−0.8593i	13.5152−1.1831i	0.1104+0.2193i	−0.0037−0.0052i	−0.2478−0.0618i	0.2959+0.1268i	−0.0420−0.0016i
13.8	0.1524−0.1063i	13.0022−1.0441i	14.2691−1.3497i	0.1173+0.2066i	−0.0013−0.0014i	−0.2578−0.0553i	0.3013+0.1068i	−0.0291+0.0026i
13.9	0.1480−0.0758i	13.6619−1.2546i	14.9688−1.5172i	0.1143+0.1847i	0.0006−0.0001i	−0.2636−0.0484i	0.3042+0.0879i	−0.0214−0.0021i
14.0	0.1467−0.0371i	14.5970−1.5061i	15.9364−1.6988i	0.1011+0.1543i	0.0009+0.0017i	−0.2695−0.0413i	0.2981+0.0587i	−0.0157−0.0115i
14.1	0.1620−0.0115i	15.5000−1.8810i	16.9276−2.0201i	0.0919+0.1301i	0.0015+0.0082i	−0.2718−0.0353i	0.2912+0.0441i	−0.0163−0.0129i
14.2	0.1617+0.0181i	16.4426−2.3603i	17.9510−2.4723i	0.0855+0.1035i	0.0046+0.0082i	−0.2740−0.0308i	0.2834+0.0247i	−0.0135−0.0191i
14.3	0.1746+0.0610i	17.5672−2.8202i	19.2017−2.8728i	0.0540+0.0763i	0.0047+0.0068i	−0.2778−0.0298i	0.2658−0.0049i	−0.0159−0.0317i
14.4	0.1828+0.0929i	19.0002−3.4559i	20.7680−3.3691i	0.0426+0.0641i	0.0045+0.0120i	−0.2792−0.0276i	0.2551−0.0282i	−0.0191−0.0335i
14.5	0.1913+0.1309i	20.3822−4.2386i	22.2189−4.0679i	0.0269+0.0388i	0.0034+0.0156i	−0.2827−0.0286i	0.2434−0.0533i	−0.0203−0.0402i
14.6	0.2148+0.1875i	21.6118−5.2408i	23.6002−4.9812i	−0.0026−0.0010i	0.0020+0.0217i	−0.2901−0.0262i	0.2205−0.0888i	−0.0270−0.0501i
14.7	0.2828+0.2847i	23.0581−7.2712i	25.4226−6.7797i	−0.0748−0.0699i	0.0078+0.0343i	−0.2930−0.0263i	0.1566−0.1519i	−0.0409−0.0598i
14.8	0.3868+0.3112i	23.5914−8.7041i	26.3493−8.1822i	−0.1861−0.0840i	0.0154+0.0502i	−0.2978−0.0284i	0.0690−0.1664i	−0.0652−0.0565i
14.9	0.5261+0.2709i	24.4828−9.5635i	27.7416−9.2593i	−0.3230−0.0201i	0.0318+0.0667i	−0.2992−0.0337i	−0.0463−0.1252i	−0.0827−0.0388i
15.0	0.6035+0.1761i	25.8639−9.8393i	29.5199−9.7160i	−0.4211+0.0999i	0.0500+0.0890i	−0.2983−0.0510i	−0.1214−0.0467i	−0.0896−0.0130i
15.1	0.6102+0.0847i	28.2628−10.6685i	32.1797−10.7683i	−0.4500+0.2174i	0.0906+0.1030i	−0.3245−0.0767i	−0.1500+0.0281i	−0.0806+0.0072i
15.2	0.5657+0.0144i	31.4461−13.1778i	35.4991−13.6573i	−0.4099+0.3283i	0.1542+0.0770i	−0.3669−0.0730i	−0.1405+0.1076i	−0.0549+0.0196i
15.3	0.5072−0.0107i	36.0482−16.1018i	40.1383−16.8666i	−0.3762+0.4238i	0.2065+0.0374i	−0.4000−0.0547i	−0.1430+0.1658i	−0.0309+0.0190i
15.4	0.4403−0.0042i	41.6276−21.1797i	45.6134−22.2809i	−0.3438+0.5109i	0.2335−0.0147i	−0.4226−0.0349i	−0.1445+0.2153i	−0.0125+0.0107i
15.5	0.3819+0.0495i	46.1188−30.6873i	49.9401−31.8590i	−0.2885+0.6057i	0.2399−0.0770i	−0.4319−0.0183i	−0.1342+0.2805i	0.0032−0.0058i
15.6	0.2851+0.1334i	50.3373−48.7581i	53.7685−49.7794i	−0.1564+0.7086i	0.2473−0.1643i	−0.4438+0.0121i	−0.0991+0.3966i	0.0290−0.0368i
15.7	0.2386+0.2305i	48.6098−65.6319i	51.9626−66.2904i	−0.0043+0.7703i	0.2362−0.2289i	−0.4531+0.0244i	−0.0414+0.4811i	0.0402−0.0693i
15.8	0.3333+0.4476i	23.0434−88.2890i	27.4870−87.5185i	0.2593+0.6501i	0.1377−0.3160i	−0.4607+0.0492i	0.1517+0.5265i	0.0059−0.1471i
15.9	0.5326+0.6013i	−9.1938−91.3902i	−3.0471−90.0811i	0.3728+0.4083i	0.0182−0.3425i	−0.4647+0.0649i	0.3062+0.4397i	−0.0689−0.1931i
16.0	0.7359+0.5761i	−30.3155−75.2373i	−22.7223−74.9505i	0.2979+0.2066i	−0.0699−0.2971i	−0.4679+0.0718i	0.3444+0.3090i	−0.1337−0.1752i
16.1	0.8545+0.4831i	−39.4008−58.0732i	−31.0111−58.7253i	0.1986+0.0980i	−0.1168−0.2426i	−0.4697+0.0766i	0.3380+0.2143i	−0.1731−0.1419i
16.2	0.8948+0.4143i	−40.0128−47.0636i	−30.9895−48.1541i	0.1164+0.0523i	−0.1268−0.2057i	−0.4781+0.0879i	0.3117+0.1651i	−0.1909−0.1193i
16.3	0.9089+0.3570i	−36.8783−36.1005i	−26.7145−37.9131i	−0.0011+0.0297i	−0.1271−0.1649i	−0.4879+0.1036i	0.2577+0.1173i	−0.2140−0.0960i
16.4	0.9097+0.3281i	−34.4771−29.5189i	−22.7613−32.1537i	−0.1012+0.0286i	−0.1346−0.1467i	−0.4847+0.1213i	0.2162+0.0908i	−0.2362−0.0731i
16.5	0.9076+0.3237i	−32.9254−24.9860i	−18.5653−28.7254i	−0.2057+0.0257i	−0.1527−0.1356i	−0.4839+0.1428i	0.1754+0.0613i	−0.2699−0.0500i
16.6	0.9215+0.3386i	−32.0495−22.3253i	−15.1383−28.8909i	−0.3132+0.0844i	−0.1724−0.1167i	−0.4730+0.1547i	0.1267+0.0617i	−0.3014−0.0115i
16.7	0.9647+0.3487i	−31.2258−19.0009i	−13.2012−31.2470i	−0.3907+0.2253i	−0.1896−0.0875i	−0.4602+0.1615i	0.0748+0.0957i	−0.3112+0.0614i
16.8	0.9927+0.3566i	−31.4881−14.4082i	−15.5060−34.7494i	−0.3517+0.4422i	−0.2246−0.0332i	−0.4337+0.1626i	0.0737+0.1674i	−0.2799+0.1536i
16.9	1.0172+0.4045i	−30.0400−8.6462i	−19.3741−34.2301i	−0.2274+0.4986i	−0.2202+0.0399i	−0.4313+0.1321i	0.1170+0.1595i	−0.2213+0.1994i
17.0	1.1163+0.4712i	−25.3349−5.6228i	−21.4993−33.2462i	−0.1566+0.4714i	−0.1752+0.1043i	−0.4568+0.1255i	0.0970+0.1185i	−0.1652+0.2133i
17.1	1.3034+0.5294i	−22.0854−3.9176i	−25.4577−33.0921i	−0.1384+0.4479i	−0.1088+0.1604i	−0.4752+0.1225i	0.0282+0.0983i	−0.1158+0.2263i
17.2	1.4891+0.3826i	−17.8573−2.6178i	−29.2831−27.7008i	−0.1068+0.4539i	−0.0108+0.1515i	−0.4990+0.1142i	−0.0178+0.1591i	−0.0553+0.2139i
17.3	1.5141+0.1883i	−13.8318−4.4710i	−28.6105−21.8247i	−0.0579+0.4257i	0.0407+0.0883i	−0.5235+0.1345i	−0.0021+0.2158i	−0.0190+0.1623i
17.4	1.4535+0.0959i	−12.8991−6.6184i	−26.4610−19.0118i	−0.0396+0.3842i	0.0316+0.0481i	−0.5279+0.1551i	0.0312+0.2371i	−0.0167+0.1224i
17.5	1.4596+0.0756i	−12.9611−6.9088i	−26.1602−17.7796i	−0.0562+0.3616i	0.0364+0.0450i	−0.5271+0.1547i	0.0367+0.2380i	−0.0208+0.1067i
17.6	1.4866−0.0022i	−12.2360−7.1025i	−25.3656−14.9630i	−0.0816+0.3425i	0.0571+0.0217i	−0.5460+0.1523i	0.0342+0.2508i	−0.0250+0.0930i
17.7	1.4344−0.0622i	−11.8335−7.6460i	−23.5438−13.7712i	−0.0718+0.3554i	0.0490−0.0047i	−0.5637+0.1663i	0.0583+0.2652i	−0.0268+0.0837i
17.8	1.3585−0.0770i	−11.9548−8.3455i	−22.0031−13.1781i	−0.0419+0.3405i	0.0305−0.0232i	−0.5743+0.1851i	0.1009+0.2629i	−0.0291+0.0686i
17.9	1.3342−0.0700i	−12.1495−8.4495i	−21.5102−12.7446i	−0.0373+0.3215i	0.0227−0.0287i	−0.5807+0.1949i	0.1188+0.2508i	−0.0297+0.0609i
18.0	1.3217−0.0485i	−12.4372−8.1895i	−21.1117−12.1159i	−0.0480+0.2937i	0.0138−0.0302i	−0.5907+0.1978i	0.1263+0.2222i	−0.0355+0.0560i
18.1	1.3171−0.0042i	−12.5127−7.7338i	−20.6131−11.3247i	−0.0562+0.2448i	0.0059−0.0250i	−0.6084+0.1977i	0.1277+0.1849i	−0.0405+0.0503i
18.2	1.3228+0.0250i	−12.5000−7.4258i	−19.8821−10.6950i	−0.0773+0.2096i	−0.0001−0.0188i	−0.6250+0.2110i	0.1142+0.1509i	−0.0446+0.0444i

18.3	1.3630+0.0619i	-12.4570-6.9545i	-19.4201-10.1225i	-0.1226+0.1717i	0.0026-0.0116i	-0.6387+0.2155i	0.0813+0.1213i	-0.0512+0.0373i
18.4	1.4103+0.1177i	-12.2894-6.2231i	-18.7866-9.3830i	-0.1696+0.1050i	0.0067-0.0010i	-0.6620+0.2185i	0.0437+0.0790i	-0.0540+0.0220i
18.5	1.5446+0.1868i	-11.6229-5.5531i	-18.1473-9.1656i	-0.2889+0.0595i	0.0244+0.0119i	-0.6948+0.2316i	-0.0580+0.0516i	-0.0776+0.0075i
18.6	1.8075+0.0937i	-10.3252-5.6714i	-17.9183-9.3893i	-0.5030+0.1565i	0.0620+0.0057i	-0.7378+0.2620i	-0.2176+0.1450i	-0.1206+0.0187i
18.7	1.8165-0.1821i	-10.3074-6.6493i	-18.5035-9.0776i	-0.4819+0.3828i	0.0717-0.0320i	-0.7435+0.3117i	-0.1848+0.3235i	-0.1183+0.0608i
18.8	1.7155-0.2739i	-10.9344-6.7556i	-18.6310-8.3572i	-0.3917+0.4623i	0.0595-0.0508i	-0.7337+0.3403i	-0.1054+0.3722i	-0.1023+0.0716i
18.9	1.6768-0.3008i	-11.1646-6.4787i	-18.4942-7.6493i	-0.3546+0.4753i	0.0541-0.0586i	-0.7400+0.3534i	-0.0723+0.3838i	-0.0953+0.0695i
19.0	1.6357-0.3356i	-11.2114-6.0492i	-18.0787-6.7577i	-0.3015+0.4960i	0.0451-0.0685i	-0.7469+0.3699i	-0.0310+0.3982i	-0.0909+0.0670i
19.1	1.5946-0.3442i	-11.2118-5.4289i	-17.5713-5.7501i	-0.2589+0.5033i	0.0395-0.0752i	-0.7687+0.3816i	0.0014+0.4028i	-0.0908+0.0611i
19.2	1.5801-0.3514i	-11.0720-5.1113i	-17.1038-5.2773i	-0.2525+0.5086i	0.0352-0.0797i	-0.7836+0.3897i	0.0153+0.4029i	-0.0942+0.0584i
19.3	1.5656-0.3638i	-10.8085-4.6878i	-16.4046-4.6561i	-0.2357+0.5144i	0.0303-0.0874i	-0.8168+0.4262i	0.0349+0.4065i	-0.1007+0.0537i
19.4	1.5509-0.3793i	-10.6706-4.4657i	-16.0352-4.3028i	-0.2158+0.5171i	0.0256-0.0931i	-0.8232+0.4566i	0.0506+0.4131i	-0.1107+0.0488i
19.5	1.5143-0.3925i	-10.4407-4.2083i	-15.4390-3.8986i	-0.1816+0.5216i	0.0140-0.1001i	-0.8302+0.4998i	0.0799+0.4166i	-0.1213+0.0455i
19.6	1.4937-0.3764i	-10.1818-4.0111i	-14.8764-3.6837i	-0.1607+0.5065i	0.0076-0.0999i	-0.8407+0.5272i	0.1019+0.4039i	-0.1315+0.0488i
19.7	1.4865-0.3511i	-9.9515-3.7699i	-14.3743-3.5108i	-0.1478+0.4851i	0.0036-0.0962i	-0.8489+0.5511i	0.1158+0.3822i	-0.1448+0.0517i
19.8	1.5045-0.3310i	-9.7012-3.5998i	-13.9207-3.3656i	-0.1525+0.4559i	0.0009-0.0961i	-0.8499+0.5738i	0.1112+0.3624i	-0.1601+0.0552i
19.9	1.5332-0.3117i	-9.4108-3.4226i	-13.4724-3.2364i	-0.1777+0.4372i	0.0003-0.0970i	-0.8608+0.6023i	0.0996+0.3484i	-0.1783+0.0633i
20.0	1.5547-0.3132i	-9.1921-3.3241i	-13.1878-3.1059i	-0.1916+0.4382i	-0.0000-0.1011i	-0.8733+0.6225i	0.0885+0.3493i	-0.1994+0.0758i
20.1	1.5837-0.3475i	-8.8995-3.1839i	-12.8134-2.9040i	-0.2048+0.4566i	-0.0050-0.1082i	-0.8768+0.6265i	0.0798+0.3622i	-0.2234+0.1021i
20.2	1.5834-0.3723i	-8.6696-3.1317i	-12.3652-2.8414i	-0.1974+0.4727i	-0.0136-0.1149i	-0.9110+0.6619i	0.0856+0.3788i	-0.2340+0.1279i
20.3	1.5793-0.3748i	-8.4785-3.0768i	-11.9909-2.7875i	-0.1852+0.4807i	-0.0211-0.1157i	-0.9581+0.6874i	0.0930+0.3831i	-0.2396+0.1560i
20.4	1.5691-0.3856i	-8.2555-3.0285i	-11.5633-2.7502i	-0.1852+0.4870i	-0.0315-0.1140i	-1.0045+0.7364i	0.1062+0.3851i	-0.2457+0.1934i
20.5	1.5607-0.3768i	-8.0753-2.9987i	-11.1953-2.7628i	-0.1729+0.4756i	-0.0394-0.1118i	-1.0422+0.8275i	0.1181+0.3822i	-0.2458+0.2303i
20.6	1.5680-0.3676i	-7.9106-3.0325i	-10.9213-2.8365i	-0.1637+0.4600i	-0.0442-0.1088i	-1.0493+0.9541i	0.1214+0.3742i	-0.2324+0.2754i
20.7	1.5812-0.3655i	-7.7652-2.9991i	-10.7837-2.8544i	-0.1735+0.4617i	-0.0465-0.1072i	-1.0270+1.0431i	0.1179+0.3729i	-0.2182+0.3037i
20.8	1.5867-0.3628i	-7.5945-2.9938i	-10.5804-2.9093i	-0.1673+0.4661i	-0.0488-0.1036i	-0.9782+1.1132i	0.1219+0.3750i	-0.1918+0.3331i
20.9	1.5899-0.3431i	-7.5513-2.9417i	-10.4508-2.9337i	-0.1668+0.4524i	-0.0504-0.1003i	-0.9174+1.1634i	0.1267+0.3639i	-0.1533+0.3466i
21.0	1.6179-0.3473i	-7.4574-2.8886i	-10.3372-2.8648i	-0.1854+0.4474i	-0.0500-0.1052i	-0.8549+1.1945i	0.1184+0.3649i	-0.1271+0.3614i
21.1	1.6322-0.3504i	-7.3952-2.8322i	-10.2076-2.7618i	-0.1907+0.4599i	-0.0555-0.1081i	-0.7865+1.2014i	0.1154+0.3694i	-0.0965+0.3740i
21.2	1.6540-0.3761i	-7.2483-2.7346i	-10.0650-2.6597i	-0.1970+0.4677i	-0.0635-0.1067i	-0.7317+1.1700i	0.1112+0.3786i	-0.0682+0.3804i
21.3	1.6607-0.4128i	-7.1177-2.7197i	-9.8483-2.5425i	-0.1924+0.4952i	-0.0720-0.1077i	-0.7549+1.1406i	0.1173+0.3995i	-0.0420+0.3875i
21.4	1.6242-0.4239i	-7.0011-2.6470i	-9.5123-2.4542i	-0.1543+0.5044i	-0.0831-0.1035i	-0.7858+1.1328i	0.1468+0.4091i	-0.0105+0.3763i
21.5	1.5934-0.4107i	-6.8785-2.5520i	-9.2271-2.3826i	-0.1355+0.4989i	-0.0888-0.0948i	-0.8380+1.1249i	0.1669+0.4030i	0.0165+0.3657i
21.6	1.5969-0.3942i	-6.7202-2.5195i	-9.0372-2.3785i	-0.1175+0.4847i	-0.0892-0.0888i	-0.9000+1.1319i	0.1749+0.3936i	0.0372+0.3635i
21.7	1.5944-0.3760i	-6.5573-2.4461i	-8.7867-2.3656i	-0.1065+0.4731i	-0.0893-0.0818i	-0.9522+1.1514i	0.1849+0.3863i	0.0530+0.3452i
21.8	1.6010-0.3667i	-6.3580-2.4251i	-8.4716-2.4114i	-0.1178+0.4712i	-0.0881-0.0767i	-1.0519+1.2364i	0.1870+0.3809i	0.0484+0.3307i
21.9	1.6160-0.3641i	-6.1363-2.4784i	-8.1656-2.4713i	-0.1138+0.4779i	-0.0849-0.0753i	-1.1620+1.3582i	0.1912+0.3836i	0.0530+0.3293i
22.0	1.6129-0.3481i	-5.9766-2.5492i	-7.9290-2.6241i	-0.1008+0.4514i	-0.0830-0.0714i	-1.2755+1.5048i	0.1970+0.3715i	0.0551+0.3276i
22.1	1.6025-0.3245i	-5.7861-2.6224i	-7.6742-2.7975i	-0.0886+0.4379i	-0.0816-0.0730i	-1.3780+1.6935i	0.2066+0.3657i	0.0561+0.3283i
22.2	1.6051-0.2992i	-5.6221-2.7376i	-7.4318-3.0416i	-0.0875+0.4285i	-0.0762-0.0761i	-1.4515+1.9680i	0.2142+0.3600i	0.0613+0.3339i
22.3	1.6056-0.2871i	-5.4866-2.9510i	-7.2514-3.3148i	-0.0789+0.4045i	-0.0724-0.0798i	-1.5201+2.2837i	0.2223+0.3515i	0.0587+0.3466i
22.4	1.6227-0.2408i	-5.4167-3.2099i	-7.1520-3.7022i	-0.0796+0.3777i	-0.0729-0.0879i	-1.4731+2.7413i	0.2252+0.3397i	0.0623+0.3662i
22.5	1.6423-0.2072i	-5.4878-3.3966i	-7.2788-4.0377i	-0.0854+0.3552i	-0.0760-0.0926i	-1.2280+3.1126i	0.2290+0.3266i	0.0906+0.3882i
22.6	1.6683-0.1658i	-5.6770-3.7083i	-7.5779-4.5261i	-0.0886+0.3304i	-0.0806-0.1012i	-0.7674+3.6816i	0.2370+0.3112i	0.1397+0.4192i
22.7	1.7023-0.1386i	-5.9047-3.7995i	-7.9599-4.6963i	-0.0966+0.3091i	-0.0881-0.1058i	-0.2358+3.9222i	0.2364+0.2990i	0.1892+0.4236i
22.8	1.7344-0.1149i	-6.2291-3.7936i	-8.4014-4.7133i	-0.1138+0.2889i	-0.0965-0.1084i	0.3895+4.0045i	0.2408+0.2819i	0.2527+0.4086i
22.9	1.7766-0.0930i	-6.5496-3.6286i	-8.8506-4.5593i	-0.1325+0.2687i	-0.1128-0.1105i	1.0824+3.8383i	0.2406+0.2599i	0.3016+0.3659i
23.0	1.8136-0.1097i	-6.7514-3.4436i	-9.1525-4.2938i	-0.1436+0.2601i	-0.1301-0.1133i	1.5943+3.5666i	0.2327+0.2496i	0.3247+0.3248i
23.1	1.8280-0.0929i	-6.8883-3.0806i	-9.3619-3.8072i	-0.1472+0.2466i	-0.1497-0.0993i	2.0050+3.0879i	0.2375+0.2277i	0.3434+0.2697i
23.2	1.8713-0.0618i	-6.8764-2.7133i	-9.3588-3.3352i	-0.1703+0.2122i	-0.1541-0.0793i	2.2249+2.5770i	0.2254+0.1937i	0.3371+0.2079i
23.3	1.9105-0.0582i	-6.7996-2.4950i	-9.2791-3.0401i	-0.1986+0.1942i	-0.1541-0.0704i	2.2553+2.2201i	0.2048+0.1798i	0.3152+0.1750i
23.4	1.9615-0.0447i	-6.6614-2.1782i	-9.1279-2.6847i	-0.2284+0.1798i	-0.1516-0.0579i	2.2641+1.8285i	0.1804+0.1642i	0.2853+0.1487i
23.5	2.0000-0.0285i	-6.5072-1.9675i	-8.9474-2.4430i	-0.2551+0.1675i	-0.1489-0.0475i	2.1968+1.5080i	0.1601+0.1525i	0.2593+0.1359i
23.6	2.0388-0.0399i	-6.2931-1.8445i	-8.7337-2.2090i	-0.2968+0.1752i	-0.1430-0.0421i	2.0877+1.2353i	0.1332+0.1510i	0.2377+0.1321i
23.7	2.0763-0.0592i	-6.1219-1.7488i	-8.5158-2.0668i	-0.3279+0.1831i	-0.1391-0.0388i	1.9722+1.0277i	0.1100+0.1528i	0.2234+0.1351i
23.8	2.1136-0.0541i	-5.9515-1.6766i	-8.2929-1.9600i	-0.3411+0.1784i	-0.1357-0.0354i	1.8471+0.8727i	0.0954+0.1544i	0.2131+0.1386i
23.9	2.1387-0.0614i	-5.7989-1.5851i	-8.1336-1.8699i	-0.3548+0.1924i	-0.1335-0.0325i	1.7544+0.7766i	0.0855+0.1577i	0.2081+0.1450i
24.0	2.1720-0.0732i	-5.5925-1.5835i	-7.8837-1.8410i	-0.3669+0.1989i	-0.1283-0.0320i	1.6274+0.6780i	0.0748+0.1624i	0.2048+0.1509i
24.1	2.1939-0.0785i	-5.4677-1.5751i	-7.7246-1.8204i	-0.3905+0.2018i	-0.1257-0.0333i	1.5476+0.5928i	0.0585+0.1643i	0.2033+0.1556i
24.2	2.2281-0.0710i	-5.3371-1.5088i	-7.5620-1.7513i	-0.4058+0.2037i	-0.1236-0.0345i	1.4434+0.5201i	0.0488+0.1622i	0.2090+0.1621i
24.3	2.2479-0.0690i	-5.2280-1.5017i	-7.4188-1.7308i	-0.4178+0.1943i	-0.1207-0.0343i	1.3536+0.4839i	0.0412+0.1612i	0.2121+0.1633i
24.4	2.2742-0.0707i	-5.0947-1.5199i	-7.2714-1.7239i	-0.4353+0.1891i	-0.1201-0.0368i	1.2710+0.4537i	0.0274+0.1578i	0.2171+0.1599i
24.5	2.3200-0.0658i	-4.9272-1.4864i	-7.1340-1.6786i	-0.4527+0.1975i	-0.1195-0.0403i	1.2045+0.4129i	0.0040+0.1546i	0.2235+0.1570i

24.6	2.3597-0.0550i	-4.8430-1.4545i	-6.9821-1.6810i	-0.4860+0.1940i	-0.1212-0.0398i	1.1380+0.3829i	-0.0147+0.1517i	0.2259+0.1572i
24.7	2.4135-0.0622i	-4.7028-1.4772i	-6.8080-1.6575i	-0.5206+0.1927i	-0.1216-0.0443i	1.0648+0.3637i	-0.0369+0.1554i	0.2336+0.1591i
24.8	2.4442-0.0621i	-4.5956-1.4576i	-6.6721-1.6261i	-0.5390+0.1964i	-0.1251-0.0449i	1.0216+0.3475i	-0.0549+0.1594i	0.2412+0.1557i
24.9	2.4923-0.0793i	-4.4469-1.4702i	-6.4952-1.6778i	-0.5763+0.2135i	-0.1273-0.0445i	0.9543+0.3347i	-0.0821+0.1704i	0.2435+0.1467i
25.0	2.5360-0.1050i	-4.3279-1.4914i	-6.3691-1.7023i	-0.5986+0.2340i	-0.1283-0.0461i	0.9031+0.3303i	-0.1042+0.1853i	0.2466+0.1432i
25.1	2.5543-0.1289i	-4.2395-1.5344i	-6.2617-1.7118i	-0.6144+0.2580i	-0.1328-0.0484i	0.8661+0.3265i	-0.1134+0.2051i	0.2514+0.1426i
25.2	2.5740-0.1363i	-4.1579-1.5374i	-6.1386-1.7173i	-0.6295+0.2674i	-0.1364-0.0493i	0.8275+0.3282i	-0.1234+0.2155i	0.2543+0.1405i
25.3	2.6047-0.1482i	-4.0240-1.5617i	-5.9712-1.7636i	-0.6415+0.2868i	-0.1386-0.0496i	0.7767+0.3286i	-0.1341+0.2290i	0.2543+0.1316i
25.4	2.6380-0.1683i	-3.8884-1.6230i	-5.7968-1.8028i	-0.6585+0.3078i	-0.1429-0.0552i	0.7413+0.3273i	-0.1502+0.2443i	0.2575+0.1309i
25.5	2.6672-0.1858i	-3.7691-1.7085i	-5.6531-1.8824i	-0.6762+0.3153i	-0.1468-0.0594i	0.7075+0.3245i	-0.1673+0.2564i	0.2620+0.1324i
25.6	2.6979-0.2168i	-3.6921-1.7786i	-5.5396-1.9569i	-0.6887+0.3394i	-0.1524-0.0595i	0.6767+0.3306i	-0.1833+0.2793i	0.2661+0.1310i
25.7	2.7285-0.2560i	-3.6169-1.8675i	-5.3999-2.0377i	-0.7020+0.3872i	-0.1562-0.0612i	0.6320+0.3365i	-0.1912+0.3124i	0.2721+0.1303i
25.8	2.7436-0.2871i	-3.5582-1.9660i	-5.3338-2.1405i	-0.7043+0.4095i	-0.1640-0.0627i	0.6051+0.3401i	-0.1967+0.3435i	0.2793+0.1307i
25.9	2.7457-0.3264i	-3.4873-2.0845i	-5.2368-2.2884i	-0.6813+0.4523i	-0.1771-0.0657i	0.5696+0.3549i	-0.1875+0.3739i	0.2883+0.1304i
26.0	2.7254-0.3497i	-3.4959-2.1579i	-5.1781-2.4119i	-0.6586+0.4811i	-0.1924-0.0615i	0.5419+0.3726i	-0.1746+0.3934i	0.2996+0.1252i
26.1	2.7227-0.3567i	-3.4674-2.2222i	-5.0627-2.5158i	-0.6432+0.5037i	-0.2069-0.0508i	0.5079+0.3932i	-0.1703+0.4181i	0.3102+0.1141i
26.2	2.7121-0.3615i	-3.4406-2.2736i	-5.0219-2.6655i	-0.6159+0.5123i	-0.2113-0.0329i	0.4873+0.4077i	-0.1532+0.4424i	0.3177+0.1001i
26.3	2.6914-0.3547i	-3.4551-2.3581i	-5.0457-2.8626i	-0.5932+0.5053i	-0.2118-0.0162i	0.4711+0.4300i	-0.1160+0.4595i	0.3144+0.0839i
26.4	2.6770-0.3309i	-3.4334-2.4201i	-5.0590-2.9832i	-0.5578+0.5023i	-0.2095-0.0068i	0.4520+0.4523i	-0.0812+0.4650i	0.3093+0.0728i
26.5	2.6617-0.3030i	-3.4454-2.4757i	-5.0905-3.0721i	-0.5324+0.4865i	-0.2030+0.0019i	0.4351+0.4748i	-0.0455+0.4634i	0.3011+0.0643i
26.6	2.6614-0.2686i	-3.4802-2.5515i	-5.1665-3.1821i	-0.5151+0.4411i	-0.1926+0.0020i	0.4240+0.4971i	-0.0122+0.4315i	0.2910+0.0658i
26.7	2.6727-0.2233i	-3.4861-2.5809i	-5.1969-3.2397i	-0.5103+0.4071i	-0.1848-0.0054i	0.4061+0.5218i	0.0059+0.3941i	0.2885+0.0732i
26.8	2.6956-0.1805i	-3.4868-2.6255i	-5.2151-3.2600i	-0.5145+0.3625i	-0.1856-0.0102i	0.3872+0.5464i	0.0049+0.3624i	0.2924+0.0783i
26.9	2.7224-0.1345i	-3.4655-2.7121i	-5.2346-3.3586i	-0.5170+0.3271i	-0.1909-0.0137i	0.3522+0.5763i	-0.0057+0.3340i	0.3034+0.0854i
27.0	2.7537-0.1007i	-3.5126-2.8173i	-5.2804-3.4947i	-0.5387+0.3179i	-0.1930-0.0133i	0.3398+0.6201i	-0.0133+0.3061i	0.3131+0.0855i
27.1	2.7902-0.0579i	-3.5470-2.8857i	-5.3493-3.6026i	-0.5559+0.2858i	-0.1958-0.0139i	0.3292+0.6707i	-0.0297+0.2767i	0.3240+0.0842i
27.2	2.8604-0.0041i	-3.6317-2.9633i	-5.4419-3.7306i	-0.5954+0.2363i	-0.1983-0.0154i	0.3368+0.7414i	-0.0560+0.2465i	0.3333+0.0808i
27.3	2.9452+0.0369i	-3.8282-3.0472i	-5.6767-3.8273i	-0.6529+0.2028i	-0.2050-0.0177i	0.3756+0.8210i	-0.0943+0.2210i	0.3453+0.0767i
27.4	3.0337+0.0410i	-3.9673-3.0545i	-5.8937-3.8581i	-0.7019+0.1956i	-0.2134-0.0217i	0.4290+0.8729i	-0.1407+0.2149i	0.3582+0.0699i
27.5	3.1071+0.0418i	-4.1506-3.0171i	-6.0866-3.8212i	-0.7613+0.1947i	-0.2216-0.0194i	0.4984+0.9079i	-0.1801+0.2197i	0.3684+0.0605i
27.6	3.1833+0.0519i	-4.3569-2.9933i	-6.2937-3.7835i	-0.8224+0.2060i	-0.2318-0.0183i	0.5694+0.9506i	-0.2182+0.2213i	0.3778+0.0484i
27.7	3.2757+0.0289i	-4.5444-2.8879i	-6.5694-3.6520i	-0.8799+0.2082i	-0.2431-0.0134i	0.6690+0.9570i	-0.2631+0.2347i	0.3901+0.0349i
27.8	3.3443+0.0019i	-4.6872-2.7851i	-6.7784-3.5003i	-0.9305+0.2252i	-0.2551-0.0103i	0.7446+0.9586i	-0.3051+0.2487i	0.3998+0.0228i
27.9	3.4137-0.0270i	-4.7310-2.5634i	-6.8012-3.2576i	-0.9739+0.2612i	-0.2631-0.0027i	0.8076+0.9158i	-0.3372+0.2749i	0.3981+0.0066i
28.0	3.4878-0.0759i	-4.7698-2.3171i	-6.8519-2.9895i	-1.0264+0.3093i	-0.2683+0.0028i	0.8779+0.8638i	-0.3728+0.3095i	0.3959-0.0077i
28.1	3.5430-0.1629i	-4.7766-2.1143i	-6.8684-2.7740i	-1.0496+0.3821i	-0.2755+0.0058i	0.9208+0.8145i	-0.3984+0.3651i	0.3966-0.0183i
28.2	3.5332-0.2463i	-4.7783-1.9291i	-6.8474-2.5451i	-1.0302+0.4486i	-0.2927+0.0063i	0.9628+0.7458i	-0.3903+0.4279i	0.3993-0.0206i
28.3	3.4992-0.2521i	-4.7392-1.7535i	-6.7893-2.3677i	-0.9939+0.4544i	-0.3128+0.0197i	0.9819+0.6860i	-0.3580+0.4442i	0.4080-0.0317i
28.4	3.5315-0.2191i	-4.6224-1.5876i	-6.6737-2.1908i	-1.0072+0.4302i	-0.3155+0.0414i	0.9717+0.6252i	-0.3533+0.4249i	0.4091-0.0480i
28.5	3.5763-0.2153i	-4.5130-1.4587i	-6.5947-2.0687i	-1.0165+0.4380i	-0.3210+0.0531i	0.9686+0.5812i	-0.3749+0.4190i	0.4114-0.0552i
28.6	3.6327-0.2330i	-4.4154-1.3455i	-6.5048-1.9188i	-1.0603+0.4398i	-0.3293+0.0703i	0.9507+0.5282i	-0.4160+0.4409i	0.4233-0.0670i
28.7	3.6896-0.2546i	-4.3596-1.2015i	-6.4179-1.7567i	-1.1060+0.4672i	-0.3352+0.0897i	0.9491+0.4855i	-0.4444+0.4759i	0.4266-0.0820i
28.8	3.7237-0.2850i	-4.2409-1.1193i	-6.2798-1.6880i	-1.1240+0.4998i	-0.3336+0.1103i	0.9237+0.4602i	-0.4492+0.5074i	0.4247-0.1004i
28.9	3.7568-0.3184i	-4.1273-1.0642i	-6.1526-1.6366i	-1.1332+0.5377i	-0.3316+0.1271i	0.9104+0.4396i	-0.4539+0.5336i	0.4218-0.1150i
29.0	3.8114-0.3625i	-3.9955-1.0028i	-6.0002-1.5861i	-1.1710+0.5810i	-0.3280+0.1450i	0.8855+0.4132i	-0.4696+0.5696i	0.4204-0.1310i
29.1	3.8349-0.4111i	-3.8972-0.9818i	-5.9209-1.5442i	-1.1810+0.5999i	-0.3250+0.1596i	0.8593+0.3925i	-0.4851+0.6079i	0.4215-0.1452i
29.2	3.8582-0.4375i	-3.7928-0.9108i	-5.7919-1.5129i	-1.1748+0.6315i	-0.3174+0.1719i	0.8413+0.3759i	-0.4837+0.6438i	0.4138-0.1577i
29.3	3.8860-0.4578i	-3.7056-0.7986i	-5.6887-1.4269i	-1.1732+0.6690i	-0.3117+0.1823i	0.8234+0.3522i	-0.4806+0.6759i	0.4054-0.1693i
29.4	3.8990-0.5042i	-3.5860-0.7893i	-5.5849-1.4314i	-1.1737+0.6991i	-0.3002+0.1929i	0.7953+0.3432i	-0.4706+0.7142i	0.3976-0.1850i
29.5	3.9037-0.5241i	-3.4780-0.7418i	-5.5124-1.3799i	-1.1745+0.7281i	-0.2854+0.2093i	0.7688+0.3353i	-0.4579+0.7587i	0.3863-0.2042i
29.6	3.9265-0.5552i	-3.3491-0.6957i	-5.3978-1.3776i	-1.1457+0.7655i	-0.2756+0.2151i	0.7393+0.3320i	-0.4421+0.7873i	0.3777-0.2135i
29.7	3.9284-0.5911i	-3.2426-0.6551i	-5.2957-1.3524i	-1.1382+0.8121i	-0.2686+0.2137i	0.7170+0.3214i	-0.4227+0.8144i	0.3730-0.2177i
29.8	3.9333-0.6282i	-3.1659-0.6565i	-5.2466-1.3405i	-1.1392+0.8408i	-0.2622+0.2200i	0.6987+0.3327i	-0.4092+0.8570i	0.3677-0.2265i
29.9	3.9590-0.6820i	-3.0421-0.6697i	-5.1445-1.3714i	-1.1203+0.8656i	-0.2632+0.2269i	0.6640+0.3295i	-0.4020+0.8981i	0.3688-0.2277i
30.0	3.9669-0.7112i	-2.9250-0.6683i	-5.0061-1.3518i	-1.1148+0.8844i	-0.2553+0.2327i	0.6333+0.3409i	-0.3694+0.9263i	0.3567-0.2452i
30.1	3.9319-0.7248i	-2.8674-0.6225i	-4.9562-1.3316i	-1.0705+0.9218i	-0.2515+0.2403i	0.6201+0.3488i	-0.3248+0.9590i	0.3480-0.2617i
30.2	3.8890-0.7336i	-2.8220-0.6473i	-4.9130-1.3120i	-1.0492+0.9141i	-0.2402+0.2445i	0.5928+0.3704i	-0.2757+0.9665i	0.3324-0.2712i
30.3	3.8772-0.7279i	-2.6812-0.6452i	-4.8324-1.3467i	-1.0165+0.9036i	-0.2319+0.2423i	0.5855+0.3989i	-0.2311+0.9591i	0.3125-0.2731i
30.4	3.9037-0.7202i	-2.5832-0.6566i	-4.7591-1.3467i	-0.9938+0.9159i	-0.2423+0.2450i	0.5886+0.4193i	-0.2238+0.9583i	0.3076-0.2810i
30.5	3.8971-0.7085i	-2.5128-0.6266i	-4.7131-1.3464i	-0.9845+0.9302i	-0.2411+0.2550i	0.5936+0.4460i	-0.2035+0.9575i	0.2970-0.2815i
30.6	3.9002-0.7106i	-2.4305-0.6157i	-4.6015-1.3048i	-0.9781+0.9123i	-0.2260+0.2713i	0.5896+0.4573i	-0.1625+0.9710i	0.2805-0.2838i
30.7	3.9033-0.7212i	-2.3296-0.6622i	-4.5287-1.3331i	-0.9398+0.9242i	-0.2122+0.2814i	0.5783+0.4744i	-0.1245+0.9780i	0.2704-0.2863i
30.8	3.8747-0.7134i	-2.2401-0.6645i	-4.4810-1.3706i	-0.8838+0.9260i	-0.2026+0.2891i	0.5690+0.4808i	-0.0786+0.9811i	0.2651-0.2892i

30.9	3.8567-0.6982i	-2.1971-0.6847i	-4.4364-1.3984i	-0.8661+0.9095i	-0.1920+0.2943i	0.5550+0.5038i	-0.0433+0.9651i	0.2559-0.2940i
31.0	3.8753-0.6735i	-2.0766-0.7094i	-4.3773-1.4012i	-0.8386+0.9176i	-0.1838+0.3029i	0.5577+0.5339i	-0.0281+0.9537i	0.2513-0.3025i
31.1	3.8893-0.6444i	-1.9778-0.7289i	-4.2627-1.4131i	-0.8316+0.8741i	-0.1668+0.3109i	0.5365+0.5678i	-0.0032+0.9386i	0.2343-0.3114i
31.2	3.8843-0.5928i	-1.9109-0.7532i	-4.2476-1.4462i	-0.8179+0.8035i	-0.1379+0.3011i	0.5468+0.6279i	0.0450+0.8856i	0.1973-0.2985i
31.3	3.9287-0.5569i	-1.8366-0.7898i	-4.2015-1.4386i	-0.8569+0.8046i	-0.1361+0.2798i	0.5785+0.6527i	0.0292+0.8424i	0.1955-0.2770i
31.4	3.9598-0.5459i	-1.7911-0.8405i	-4.1245-1.4762i	-0.8868+0.7696i	-0.1277+0.2744i	0.5994+0.7297i	0.0346+0.8185i	0.1886-0.2652i
31.5	3.9701-0.5385i	-1.7266-0.8805i	-4.1070-1.5154i	-0.8652+0.7578i	-0.1215+0.2781i	0.6110+0.7728i	0.0425+0.8112i	0.1818-0.2691i
31.6	4.0016-0.5149i	-1.6404-0.9015i	-4.0701-1.5462i	-0.8432+0.7850i	-0.1248+0.2741i	0.6543+0.8093i	0.0355+0.7887i	0.1816-0.2624i
31.7	4.0371-0.4900i	-1.5664-0.9841i	-3.9542-1.5982i	-0.8259+0.7804i	-0.1222+0.2749i	0.7195+0.8408i	0.0416+0.7710i	0.1794-0.2579i
31.8	4.0567-0.4852i	-1.4933-1.0557i	-3.9220-1.6831i	-0.7847+0.7371i	-0.1131+0.2783i	0.7945+0.8822i	0.0492+0.7599i	0.1727-0.2545i
31.9	4.0820-0.4519i	-1.4998-1.0968i	-3.8882-1.7286i	-0.8234+0.7019i	-0.1039+0.2717i	0.9071+0.9791i	0.0555+0.7329i	0.1629-0.2416i
32.0	4.1036-0.3931i	-1.5598-1.1351i	-3.9036-1.6956i	-0.9468+0.6420i	-0.1104+0.2450i	1.0701+1.0178i	0.0394+0.6827i	0.1744-0.2154i
32.1	4.1299-0.3501i	-1.4694-1.1751i	-3.9194-1.7271i	-0.8733+0.6060i	-0.1011+0.2481i	1.1841+0.9477i	0.0407+0.6606i	0.1744-0.2105i
32.2	4.1635-0.3133i	-1.4558-1.1564i	-3.9139-1.6964i	-0.8780+0.6551i	-0.1075+0.2553i	1.2813+0.8804i	0.0209+0.6540i	0.1804-0.2124i
32.3	4.2086-0.2520i	-1.5108-1.2133i	-3.9452-1.7639i	-0.9314+0.5888i	-0.1009+0.2423i	1.3558+0.7812i	0.0108+0.6048i	0.1836-0.1965i
32.4	4.2333-0.2089i	-1.5105-1.2266i	-3.9497-1.8506i	-0.9328+0.5607i	-0.0978+0.2378i	1.4088+0.6751i	0.0104+0.5704i	0.1907-0.1881i
32.5	4.2878-0.1504i	-1.4919-1.1978i	-3.9369-1.8343i	-0.9248+0.5488i	-0.0952+0.2314i	1.4221+0.5417i	-0.0037+0.5294i	0.1972-0.1812i
32.6	4.3647-0.0816i	-1.4765-1.2383i	-3.9403-1.8033i	-0.9138+0.4631i	-0.0887+0.2193i	1.4308+0.4199i	-0.0210+0.4729i	0.2025-0.1720i
32.7	4.4798-0.0321i	-1.4346-1.3023i	-3.9659-1.8107i	-0.9840+0.3930i	-0.0994+0.2106i	1.4299+0.3505i	-0.0827+0.4296i	0.2207-0.1670i
32.8	4.6065+0.0200i	-1.5345-1.3235i	-4.0722-1.7734i	-1.1513+0.2979i	-0.1145+0.1962i	1.4460+0.2679i	-0.1696+0.3715i	0.2359-0.1624i
32.9	4.7609+0.0850i	-1.5164-1.2098i	-4.0805-1.6907i	-1.2333+0.2576i	-0.1192+0.1746i	1.3909+0.2084i	-0.2616+0.3233i	0.2479-0.1453i
33.0	4.8887+0.0949i	-1.4625-1.1355i	-4.0363-1.6344i	-1.2716+0.2719i	-0.1375+0.1627i	1.3484+0.1768i	-0.3510+0.3212i	0.2676-0.1380i
33.1	5.0597+0.0406i	-1.4417-1.0989i	-3.9858-1.6100i	-1.4129+0.3435i	-0.1678+0.1659i	1.2921+0.1488i	-0.4733+0.3611i	0.2969-0.1463i
33.2	5.1897-0.0568i	-1.4745-1.0515i	-3.9922-1.5561i	-1.5735+0.4204i	-0.2037+0.1806i	1.3091+0.1122i	-0.5814+0.4310i	0.3336-0.1592i
33.3	5.3146-0.1299i	-1.5117-1.0176i	-4.0014-1.4905i	-1.6902+0.4440i	-0.2389+0.1894i	1.3001+0.0514i	-0.6721+0.4991i	0.3678-0.1759i
33.4	5.4086-0.2116i	-1.4501-0.9601i	-3.9396-1.4305i	-1.7113+0.5227i	-0.2538+0.2209i	1.2714+0.0147i	-0.7154+0.5963i	0.3890-0.2076i
33.5	5.4540-0.2989i	-1.4149-0.9294i	-3.8813-1.4084i	-1.7097+0.6315i	-0.2497+0.2480i	1.2295-0.0161i	-0.7269+0.6781i	0.3875-0.2395i
33.6	5.4745-0.4266i	-1.3855-0.9228i	-3.8503-1.3833i	-1.7474+0.7253i	-0.2337+0.2849i	1.1686-0.0531i	-0.7265+0.7891i	0.3799-0.2792i
33.7	5.4764-0.5339i	-1.2933-0.8671i	-3.8016-1.3316i	-1.7123+0.8644i	-0.2078+0.3264i	1.1467-0.0573i	-0.6951+0.9091i	0.3604-0.3224i
33.8	5.4644-0.6208i	-1.2289-0.8259i	-3.7641-1.3333i	-1.7032+0.9088i	-0.1928+0.3356i	1.1124-0.0856i	-0.6600+0.9773i	0.3533-0.3386i
33.9	5.4636-0.6358i	-1.1535-0.8234i	-3.7402-1.2720i	-1.6613+0.8741i	-0.1718+0.3230i	1.0732-0.0995i	-0.6306+1.0016i	0.3384-0.3372i
34.0	5.4239-0.6461i	-1.1044-0.7729i	-3.6989-1.2409i	-1.6294+0.9181i	-0.1502+0.3167i	1.0197-0.1226i	-0.5765+1.0328i	0.3250-0.3454i
34.1	5.4397-0.5954i	-0.9872-0.7480i	-3.5594-1.2645i	-1.5893+0.8830i	-0.1484+0.2818i	1.0046-0.1178i	-0.5371+1.0057i	0.3147-0.3200i
34.2	5.4313-0.5823i	-0.9231-0.8057i	-3.5544-1.3398i	-1.5217+0.9050i	-0.1459+0.2584i	0.9607-0.0969i	-0.4946+0.9774i	0.2989-0.3073i
34.3	5.4793-0.5673i	-0.9146-0.7383i	-3.5532-1.2965i	-1.5616+0.9128i	-0.1605+0.2565i	0.9262-0.1079i	-0.4937+0.9886i	0.3064-0.3113i
34.4	5.5498-0.5532i	-0.9218-0.7629i	-3.6109-1.2819i	-1.6041+0.8607i	-0.1902+0.2577i	0.9156-0.1033i	-0.5300+0.9833i	0.3309-0.3071i
34.5	5.6245-0.5211i	-0.9107-0.7537i	-3.5812-1.2268i	-1.6379+0.8211i	-0.2103+0.2519i	0.8817-0.0842i	-0.5502+0.9672i	0.3490-0.3043i
34.6	5.7257-0.5079i	-0.8737-0.7337i	-3.5620-1.1973i	-1.7035+0.7932i	-0.2365+0.2588i	0.8594-0.0717i	-0.5931+0.9619i	0.3765-0.3096i
34.7	5.8236-0.5421i	-0.7732-0.6887i	-3.4616-1.1790i	-1.7284+0.8449i	-0.2632+0.2630i	0.8374-0.0553i	-0.6417+0.9748i	0.4056-0.3103i
34.8	5.9039-0.6035i	-0.7290-0.6376i	-3.4301-1.0791i	-1.7933+0.9027i	-0.2648+0.2819i	0.8406-0.0356i	-0.6659+1.0308i	0.4125-0.3279i
34.9	5.9821-0.6627i	-0.7246-0.6743i	-3.4414-1.0631i	-1.8549+0.9379i	-0.2777+0.3035i	0.8427-0.0111i	-0.7055+1.0765i	0.4280-0.3568i
35.0	6.0315-0.6962i	-0.6497-0.5892i	-3.4173-1.0081i	-1.8884+1.0073i	-0.2854+0.3194i	0.8290-0.0023i	-0.7207+1.1186i	0.4453-0.3762i
35.1	6.0856-0.7463i	-0.5593-0.5125i	-3.3482-0.9190i	-1.9229+1.0441i	-0.2913+0.3304i	0.8314+0.0053i	-0.7242+1.1631i	0.4584-0.3881i
35.2	6.1693-0.8175i	-0.4638-0.5188i	-3.2475-0.8955i	-1.9717+1.0667i	-0.3158+0.3493i	0.8377+0.0302i	-0.7417+1.2206i	0.4796-0.4203i
35.3	6.1952-0.8750i	-0.4114-0.5407i	-3.2271-0.9378i	-1.9482+1.1402i	-0.3303+0.3701i	0.8413+0.0463i	-0.7487+1.2633i	0.5040-0.4628i
35.4	6.2353-0.9285i	-0.3161-0.5304i	-3.1107-0.9321i	-1.9447+1.2062i	-0.3331+0.3950i	0.8457+0.0561i	-0.7309+1.3155i	0.5071-0.5060i
35.5	6.2600-0.9401i	-0.2451-0.5577i	-3.0098-0.8857i	-1.9127+1.2087i	-0.3308+0.4078i	0.8506+0.0650i	-0.7164+1.3366i	0.4947-0.5345i
35.6	6.2998-0.9811i	-0.1770-0.5128i	-2.9277-0.8524i	-1.9726+1.2663i	-0.3455+0.4387i	0.8714+0.0884i	-0.7220+1.3785i	0.5038-0.6048i
35.7	6.3434-1.0108i	-0.0934-0.4796i	-2.8683-0.8093i	-2.0207+1.3219i	-0.3522+0.4737i	0.8975+0.1064i	-0.7210+1.4307i	0.4848-0.6613i
35.8	6.3549-1.0549i	-0.1093-0.5139i	-2.9668-0.8036i	-1.9938+1.3351i	-0.3479+0.4877i	0.9251+0.1194i	-0.7166+1.4748i	0.4585-0.6814i
35.9	6.4028-1.1286i	-0.0430-0.4919i	-2.8742-0.8196i	-2.0145+1.4204i	-0.3606+0.5267i	0.9661+0.1265i	-0.7157+1.5470i	0.4422-0.7311i
36.0	6.4449-1.1469i	0.0838-0.4731i	-2.7518-0.7197i	-1.9823+1.4487i	-0.3741+0.5543i	1.0186+0.1215i	-0.6900+1.5849i	0.4187-0.7495i
36.1	6.4622-1.1727i	0.1345-0.4771i	-2.7389-0.7223i	-1.9831+1.4771i	-0.3740+0.5871i	1.0549+0.1207i	-0.6714+1.6169i	0.3991-0.7767i
36.2	6.5425-1.2095i	0.2002-0.4639i	-2.6871-0.7393i	-2.0158+1.5140i	-0.3734+0.6409i	1.1009+0.0953i	-0.6672+1.6756i	0.3779-0.8300i
36.3	6.6186-1.2700i	0.2381-0.5088i	-2.6653-0.7416i	-2.0455+1.5277i	-0.3551+0.6939i	1.1563+0.0630i	-0.6558+1.7345i	0.3457-0.8690i
36.4	6.6119-1.4003i	0.2219-0.5559i	-2.7170-0.7833i	-2.0426+1.5981i	-0.3271+0.7350i	1.1979+0.0195i	-0.6122+1.7888i	0.3039-0.8959i
36.5	6.6416-1.4354i	0.3062-0.4753i	-2.5842-0.6858i	-2.0394+1.6600i	-0.3078+0.7659i	1.2499-0.0364i	-0.5797+1.8275i	0.2618-0.9008i
36.6	6.6783-1.4858i	0.4146-0.4772i	-2.4550-0.6775i	-2.0083+1.7448i	-0.2808+0.8035i	1.2706-0.0967i	-0.5450+1.8663i	0.2173-0.9170i
36.7	6.6969-1.5220i	0.4561-0.4422i	-2.4387-0.6338i	-2.0029+1.7817i	-0.2738+0.8214i	1.2955-0.1308i	-0.5223+1.8958i	0.2050-0.9212i
36.8	6.7178-1.5807i	0.5437-0.4285i	-2.3637-0.5508i	-1.9827+1.8305i	-0.2532+0.8434i	1.3128-0.1986i	-0.4838+1.9409i	0.1767-0.9251i
36.9	6.7188-1.6111i	0.6097-0.4578i	-2.2938-0.5562i	-1.9711+1.8526i	-0.2140+0.8546i	1.3258-0.2761i	-0.4312+1.9446i	0.1301-0.9095i
37.0	6.7286-1.6530i	0.5975-0.4395i	-2.2992-0.5360i	-1.9624+1.8613i	-0.2012+0.8679i	1.3460-0.3389i	-0.4142+1.9606i	0.1193-0.9002i
37.1	6.7523-1.7385i	0.7116-0.4430i	-2.2475-0.5023i	-1.9443+1.9472i	-0.1973+0.9225i	1.3557-0.4443i	-0.3893+2.0260i	0.1181-0.9297i

37.2	6.7432−1.8001i	0.7519−0.4819i	−2.1758−0.4782i	−1.9160+2.0017i	−0.1680+0.9683i	1.3574−0.5488i	−0.3392+2.0706i	0.0860−0.9547i
37.3	6.7557−1.8389i	0.7825−0.4600i	−2.0891−0.4478i	−1.9008+2.0396i	−0.1451+1.0162i	1.3317−0.6562i	−0.3133+2.1011i	0.0688−0.9745i
37.4	6.7585−1.8599i	0.8829−0.4722i	−2.0298−0.4509i	−1.8718+2.0533i	−0.1110+1.0521i	1.2556−0.7633i	−0.2654+2.1039i	0.0476−0.9744i
37.5	6.7363−1.8939i	0.9085−0.4555i	−2.0331−0.4411i	−1.8344+2.1095i	−0.0787+1.0925i	1.1846−0.8565i	−0.2229+2.1227i	0.0340−0.9828i
37.6	6.7536−1.9416i	0.9885−0.4454i	−1.9265−0.4261i	−1.8170+2.1373i	−0.0221+1.1337i	1.0936−0.9867i	−0.1774+2.1605i	0.0083−0.9827i
37.7	6.7880−1.9619i	1.0793−0.4256i	−1.8490−0.3740i	−1.8097+2.1780i	0.0133+1.1687i	1.0019−1.0526i	−0.1585+2.1817i	0.0054−0.9961i
37.8	6.7905−2.0296i	1.1351−0.4231i	−1.7873−0.3586i	−1.7806+2.2414i	0.0749+1.2252i	0.8547−1.1544i	−0.1034+2.2235i	−0.0018−1.0199i
37.9	6.7497−2.0815i	1.1252−0.3829i	−1.6982−0.2905i	−1.7167+2.2732i	0.1622+1.2462i	0.6968−1.2010i	−0.0210+2.2548i	−0.0387−1.0174i
38.0	6.6997−2.1000i	1.1494−0.3613i	−1.6300−0.3075i	−1.6322+2.2656i	0.2576+1.2500i	0.5174−1.1844i	0.0666+2.2460i	−0.0542−1.0283i
38.1	6.6367−2.0996i	1.1960−0.3878i	−1.6262−0.3063i	−1.5694+2.2517i	0.3637+1.2544i	0.3686−1.1344i	0.1538+2.2269i	−0.0874−1.0551i
38.2	6.5905−2.0485i	1.2758−0.3913i	−1.6035−0.3388i	−1.5120+2.2195i	0.4403+1.2135i	0.2271−1.0320i	0.2132+2.1580i	−0.1037−1.0631i
38.3	6.6382−1.9899i	1.3601−0.3485i	−1.4933−0.2984i	−1.5280+2.1617i	0.4762+1.1740i	0.1134−0.9391i	0.2134+2.0998i	−0.0828−1.0854i
38.4	6.7191−1.9874i	1.3989−0.3812i	−1.3958−0.3059i	−1.5376+2.1429i	0.5158+1.1529i	0.0502−0.8232i	0.2021+2.0739i	−0.0899−1.1074i
38.5	6.8333−1.9933i	1.4621−0.3766i	−1.3330−0.2658i	−1.5896+2.1689i	0.5861+1.1460i	0.0041−0.6993i	0.1882+2.0907i	−0.1374−1.1763i
38.6	6.8460−2.0114i	1.4418−0.3370i	−1.3203−0.2291i	−1.6214+2.1910i	0.6099+1.1159i	−0.0338−0.6250i	0.1842+2.0880i	−0.1415−1.2225i
38.7	6.8414−2.0886i	1.4909−0.3161i	−1.2593−0.2724i	−1.5895+2.2557i	0.6362+1.0883i	−0.0288−0.5282i	0.2063+2.1041i	−0.1740−1.2863i
38.8	6.8639−2.1705i	1.4603−0.3445i	−1.2777−0.2876i	−1.5777+2.3068i	0.6923+1.0703i	−0.0129−0.4354i	0.2251+2.1301i	−0.2413−1.3703i
38.9	6.9318−2.1977i	1.6425−0.3101i	−1.1417−0.1727i	−1.5623+2.3505i	0.7615+1.0604i	0.0072−0.3473i	0.2581+2.1626i	−0.3611−1.4307i
39.0	6.9295−2.3059i	1.7213−0.3625i	−1.0662−0.2392i	−1.5346+2.4027i	0.8101+1.0444i	0.0394−0.2819i	0.3006+2.1999i	−0.4675−1.4841i
39.1	6.9144−2.3912i	1.6836−0.3544i	−1.0179−0.3575i	−1.5218+2.4346i	0.8437+1.0193i	0.0821−0.2396i	0.3269+2.2039i	−0.5739−1.4911i
39.2	6.9480−2.4180i	1.7866−0.2876i	−0.8758−0.2716i	−1.5020+2.4931i	0.9051+0.9958i	0.1227−0.1895i	0.3532+2.2153i	−0.7209−1.5012i
39.3	6.9047−2.4648i	1.7941−0.2168i	−0.8077−0.1908i	−1.4481+2.5453i	0.9490+0.9651i	0.1587−0.1649i	0.4010+2.2359i	−0.8485−1.4838i
39.4	6.8407−2.5011i	1.8112−0.1326i	−0.7917−0.1579i	−1.3808+2.5939i	1.0128+0.9230i	0.1987−0.1468i	0.4699+2.2391i	−1.0027−1.4268i
39.5	6.7821−2.5350i	1.8840−0.1516i	−0.7435−0.1879i	−1.3110+2.6144i	1.0681+0.8801i	0.2330−0.1386i	0.5428+2.2314i	−1.1334−1.3628i
39.6	6.7033−2.5464i	1.9614−0.2103i	−0.6597−0.2001i	−1.2153+2.6018i	1.1300+0.8152i	0.2504−0.1401i	0.6229+2.1974i	−1.2620−1.2574i
39.7	6.6372−2.4589i	2.0914−0.1567i	−0.5795−0.1793i	−1.1048+2.5277i	1.1399+0.7469i	0.2479−0.1170i	0.6669+2.1222i	−1.2793−1.1169i
39.8	6.6344−2.4848i	2.1669−0.1517i	−0.4354−0.2778i	−1.0808+2.5065i	1.1277+0.6890i	0.2737−0.0878i	0.6942+2.0955i	−1.2453−1.0452i
39.9	6.6236−2.4651i	2.2119−0.1196i	−0.4406−0.2964i	−1.0612+2.4866i	1.1579+0.6302i	0.3266−0.0950i	0.7170+2.0582i	−1.3193−0.9599i
40.0	6.6249−2.3904i	2.2636−0.1222i	−0.3113−0.3042i	−1.0253+2.4239i	1.1750+0.5824i	0.3578−0.1031i	0.7300+1.9911i	−1.3738−0.8790i
40.1	6.6330−2.3322i	2.3115−0.1241i	−0.2082−0.2923i	−1.0052+2.3792i	1.1664+0.5324i	0.3724−0.1220i	0.7394+1.9394i	−1.3705−0.7882i
40.2	6.6022−2.3104i	2.3874−0.0788i	−0.2628−0.2949i	−0.9733+2.3515i	1.1881+0.4708i	0.3904−0.1322i	0.7415+1.9188i	−1.3947−0.6772i
40.3	6.6461−2.3179i	2.5278−0.0970i	−0.2214−0.3077i	−0.9653+2.3564i	1.2183+0.4131i	0.4088−0.1392i	0.7299+1.8997i	−1.4262−0.5775i
40.4	6.6721−2.2255i	2.5770+0.0348i	−0.1503−0.2021i	−0.9829+2.3351i	1.2072+0.3709i	0.4026−0.1585i	0.7200+1.8681i	−1.4021−0.5154i
40.5	6.7004−2.2093i	2.6863−0.0475i	−0.0592−0.2603i	−0.9651+2.3068i	1.1867+0.3479i	0.4094−0.1715i	0.7297+1.8423i	−1.3634−0.5032i
40.6	6.7382−2.1815i	2.6732−0.1066i	−0.0343−0.3370i	−0.9691+2.2407i	1.1977+0.3163i	0.4219−0.1830i	0.7179+1.8000i	−1.3975−0.4468i
40.7	6.8007−2.1300i	2.7673−0.0099i	0.0918−0.2819i	−1.0074+2.2171i	1.2023+0.2399i	0.4187−0.2144i	0.6957+1.7797i	−1.3677−0.3196i
40.8	6.8939−2.1114i	2.8307+0.0760i	0.1706−0.3219i	−1.0648+2.2252i	1.2009+0.1919i	0.4144−0.2242i	0.6597+1.7752i	−1.3370−0.2499i
40.9	6.9783−2.1021i	2.8518+0.1522i	0.1761−0.3114i	−1.1234+2.2426i	1.2079+0.1523i	0.4343−0.2372i	0.6028+1.7710i	−1.3372−0.2294i
41.0	7.0220−2.1353i	3.0243+0.1910i	0.2117−0.2722i	−1.1194+2.2693i	1.1986+0.0840i	0.4345−0.2700i	0.5790+1.8021i	−1.3124−0.1630i
41.1	7.0524−2.1984i	3.1247+0.1079i	0.2237−0.2907i	−1.0996+2.2923i	1.1702+0.0345i	0.4172−0.3020i	0.5807+1.8289i	−1.2861−0.1352i
41.2	7.0318−2.1684i	3.2557+0.1663i	0.2755−0.2696i	−1.0630+2.2726i	1.1425+0.0448i	0.3838−0.3017i	0.5963+1.8156i	−1.2881−0.1761i
41.3	6.9938−2.1688i	3.2889+0.2458i	0.3043−0.1765i	−1.0294+2.3148i	1.1238−0.0048i	0.3615−0.3096i	0.6153+1.8491i	−1.3011−0.0806i
41.4	6.9715−2.1588i	3.3342+0.1871i	0.4044−0.2562i	−0.9786+2.2720i	1.0832−0.0138i	0.3465−0.3099i	0.6612+1.8267i	−1.2039−0.0540i
41.5	7.1733−2.2611i	3.4108+0.1624i	0.5043−0.3464i	−1.0816+2.3140i	1.1011−0.0781i	0.3353−0.3406i	0.5873+1.8866i	−1.2354+0.0064i
41.6	7.0647−2.3084i	3.5894+0.2256i	0.5010−0.3341i	−0.9605+2.3751i	1.0533−0.1119i	0.2995−0.3411i	0.6580+1.9295i	−1.1912+0.1092i
41.7	7.1150−2.1259i	3.6532+0.1960i	0.5158−0.3097i	−0.9917+2.2251i	1.0663−0.0852i	0.2962−0.3369i	0.6256+1.8145i	−1.1733+0.0832i
41.8	7.2783−2.1983i	3.7723+0.2087i	0.6106−0.3070i	−1.0652+2.2818i	1.0735−0.1484i	0.2673−0.3518i	0.5586+1.8676i	−1.1697+0.1355i
41.9	7.2445−2.2675i	3.8142+0.2629i	0.6429−0.2463i	−1.0148+2.3638i	1.0215−0.2021i	0.2246−0.3414i	0.6034+1.9392i	−1.1007+0.1869i
42.0	7.2234−2.3202i	3.9296+0.2656i	0.6259−0.2619i	−0.9694+2.4027i	1.0018−0.2253i	0.1950−0.3154i	0.6452+1.9671i	−1.0885+0.2436i
42.1	7.2231−2.1776i	3.9715+0.2837i	0.6749−0.2552i	−0.9330+2.2780i	0.9844−0.2065i	0.1813−0.2724i	0.6667+1.8815i	−1.0269+0.2138i
42.2	7.3047−2.1646i	4.0087+0.2325i	0.7763−0.2015i	−0.9833+2.2618i	0.9757−0.2410i	0.1822−0.2504i	0.6451+1.8831i	−1.0118+0.2330i
42.3	7.4451−2.0703i	4.1620+0.2265i	0.9778−0.1233i	−1.0448+2.1803i	0.9793−0.2556i	0.2050−0.2235i	0.5988+1.8664i	−0.9687+0.1892i
42.4	7.6163−2.2155i	4.1709+0.2571i	1.0586−0.2515i	−1.1511+2.2642i	0.9897−0.3000i	0.2292−0.2351i	0.5216+1.9401i	−1.0136+0.1834i
42.5	7.6236−2.3007i	4.3900+0.4208i	1.1154−0.1622i	−1.1031+2.3730i	0.9542−0.3238i	0.2043−0.2549i	0.5570+2.0039i	−1.0794+0.1782i
42.6	7.6224−2.2436i	4.4420+0.4602i	1.1468−0.0951i	−1.0802+2.3342i	0.9357−0.3187i	0.1853−0.2432i	0.5818+1.9888i	−1.1422+0.1738i
42.7	7.5971−2.3711i	4.5254+0.3306i	1.1278−0.2172i	−1.0542+2.4075i	0.8847−0.3723i	0.1916−0.2320i	0.6317+2.0405i	−1.0712+0.2866i
42.8	7.5947−2.2960i	4.7308+0.3257i	1.1544−0.1885i	−1.0110+2.3360i	0.8563−0.3481i	0.1956−0.2325i	0.6639+1.9949i	−1.0444+0.2462i
42.9	7.7720−2.3517i	4.8067+0.4025i	1.2854−0.1836i	−1.0847+2.3638i	0.8359−0.3789i	0.1754−0.2221i	0.6207+2.0437i	−1.0410+0.3372i
43.0	7.7317−2.5135i	4.9856+0.5350i	1.4250−0.1649i	−1.0294+2.5304i	0.7576−0.4405i	0.1771−0.1943i	0.6800+2.1585i	−0.9437+0.4434i
43.1	7.7949−2.5579i	4.9250+0.5087i	1.4866−0.2054i	−1.0914+2.5570i	0.7600−0.4289i	0.1875−0.2043i	0.6692+2.1515i	−1.0277+0.4552i
43.2	7.7368−2.7156i	5.0484+0.4481i	1.4633−0.2717i	−1.0276+2.6570i	0.7221−0.4305i	0.1770−0.2193i	0.7406+2.1914i	−0.9882+0.5165i
43.3	7.7837−2.7452i	5.2054+0.4419i	1.5063−0.2016i	−0.9978+2.6712i	0.7172−0.4375i	0.1593−0.2258i	0.7436+2.2141i	−1.0258+0.6242i
43.4	7.8641−2.5915i	5.3381+0.4045i	1.7236−0.1809i	−1.0016+2.5445i	0.7469−0.3887i	0.1776−0.2081i	0.7051+2.1300i	−0.9448+0.6314i

43.5	8.0368-2.6032i	5.3984+0.5009i	1.7988-0.1447i	-1.1083+2.5835i	0.7927-0.4132i	0.1767-0.2297i	0.6198+2.1756i	-0.9872+0.6459i
43.6	8.0538-2.7771i	5.4726+0.5685i	1.8319-0.1430i	-1.0919+2.7222i	0.7587-0.4522i	0.1589-0.2462i	0.6418+2.2747i	-0.9631+0.6240i
43.7	8.0387-2.8980i	5.6303+0.5599i	1.9520-0.1502i	-1.0559+2.8193i	0.7269-0.4896i	0.1276-0.2508i	0.6728+2.3633i	-0.9513+0.7079i
43.8	7.7952-3.2032i	5.8357+0.5609i	1.8920-0.2714i	-0.8255+3.0379i	0.6391-0.5348i	0.1009-0.2491i	0.8576+2.5192i	-0.7553+0.8415i
43.9	7.4717-3.2196i	5.9354+0.6521i	1.8901-0.1157i	-0.5669+3.1070i	0.5583-0.5165i	0.0788-0.2335i	1.0470+2.5460i	-0.5856+0.8261i
44.0	7.3490-3.0976i	6.0222+0.5449i	1.9064-0.0692i	-0.4558+2.9920i	0.5626-0.4756i	0.0764-0.2343i	1.1083+2.4803i	-0.5616+0.7407i
44.1	7.2846-3.0051i	6.1273+0.4498i	1.9501-0.0957i	-0.3854+2.8723i	0.5832-0.4745i	0.0676-0.2246i	1.1696+2.4301i	-0.5968+0.7598i
44.2	7.3839-2.7998i	6.2713+0.3887i	2.0978-0.0377i	-0.4012+2.7112i	0.6007-0.4409i	0.0783-0.2183i	1.1631+2.3154i	-0.5938+0.6744i
44.3	7.1811-2.8509i	6.3454+0.3364i	2.0911-0.0813i	-0.2357+2.7467i	0.5213-0.4772i	0.0216-0.2336i	1.3329+2.3519i	-0.4853+0.6616i
44.4	7.1253-2.6200i	6.3798+0.4111i	2.1437-0.0519i	-0.1604+2.5500i	0.4936-0.4258i	-0.0178-0.2101i	1.3989+2.2036i	-0.5131+0.5944i
44.5	7.2542-2.3383i	6.5186+0.4958i	2.3234+0.0679i	-0.2261+2.3627i	0.5308-0.3749i	-0.0044-0.1812i	1.3253+2.0638i	-0.5823+0.5434i
44.6	7.2798-2.4936i	6.7167+0.3724i	2.4077-0.0213i	-0.2180+2.4377i	0.5337-0.4222i	-0.0096-0.1700i	1.3303+2.1436i	-0.5182+0.6699i
44.7	7.2469-2.4878i	6.7296+0.3912i	2.4613-0.0683i	-0.1977+2.4145i	0.5202-0.4343i	-0.0389-0.1593i	1.3544+2.1276i	-0.4729+0.7331i
44.8	7.2788-2.2329i	6.8301+0.2532i	2.4804-0.0205i	-0.1795+2.2297i	0.5192-0.3871i	-0.0237-0.1329i	1.3611+1.9845i	-0.4159+0.6055i
44.9	7.5030-2.2517i	6.9276+0.2056i	2.5411+0.0148i	-0.3172+2.2460i	0.5575-0.4322i	-0.0284-0.1378i	1.2639+2.0401i	-0.4665+0.6168i
45.0	7.5131-2.3131i	6.9429+0.2154i	2.5740+0.0831i	-0.3342+2.3054i	0.5365-0.4764i	-0.0430-0.1310i	1.2938+2.1157i	-0.4317+0.6798i
45.1	7.4165-2.2053i	7.0844+0.3170i	2.6301+0.1364i	-0.2047+2.2462i	0.4844-0.4403i	-0.0540-0.0999i	1.3892+2.0508i	-0.3456+0.5950i
45.2	7.4080-2.0573i	7.1351+0.3530i	2.7682+0.1116i	-0.1532+2.1381i	0.4563-0.4071i	-0.0653-0.0763i	1.4350+1.9568i	-0.3198+0.5186i
45.3	7.4411-2.1450i	7.4154+0.3279i	2.8687+0.1629i	-0.1245+2.2223i	0.4418-0.4704i	-0.1154-0.0660i	1.4756+2.0547i	-0.2890+0.6396i
45.4	7.5193-2.0900i	7.4959+0.2160i	2.8692+0.0837i	-0.1758+2.1262i	0.4607-0.4532i	-0.1220-0.0446i	1.4527+1.9830i	-0.3330+0.6153i
45.5	7.6539-1.9786i	7.4714+0.2241i	2.8856+0.1527i	-0.2979+2.0379i	0.4934-0.4444i	-0.1185-0.0199i	1.3694+1.9186i	-0.3993+0.6249i
45.6	7.9252-2.0069i	7.5812+0.2530i	3.0136+0.1952i	-0.4667+2.0771i	0.5513-0.4850i	-0.1221-0.0497i	1.2230+1.9852i	-0.4335+0.7070i
45.7	7.7934-2.0784i	7.7309+0.1914i	3.0857+0.1301i	-0.3107+2.1183i	0.4866-0.5127i	-0.1297-0.0016i	1.3561+2.0413i	-0.2884+0.7013i
45.8	7.7079-1.9918i	7.7054+0.1846i	3.0479+0.1696i	-0.2575+2.0017i	0.4545-0.4848i	-0.1130+0.0452i	1.4249+1.9626i	-0.2316+0.6226i
45.9	7.7755-2.0343i	7.8311+0.0272i	3.1436+0.1756i	-0.2416+1.9959i	0.4274-0.5161i	-0.1233+0.0674i	1.4592+1.9925i	-0.2051+0.6432i
46.0	7.8439-1.9299i	8.0187+0.2161i	3.3113+0.3016i	-0.2386+1.9892i	0.4214-0.5114i	-0.1283+0.0683i	1.4609+1.9686i	-0.1971+0.6290i
46.1	7.8574-1.7754i	8.2190+0.3319i	3.4550+0.3917i	-0.2039+1.9068i	0.3966-0.4806i	-0.1170+0.0896i	1.4918+1.8873i	-0.1633+0.5661i
46.2	7.9591-1.7323i	8.2776+0.2290i	3.4843+0.2411i	-0.2889+1.8072i	0.3995-0.4522i	-0.1047+0.1113i	1.4720+1.8171i	-0.1704+0.5009i
46.3	7.9697-1.6720i	8.2687+0.2319i	3.5284+0.2668i	-0.3088+1.7714i	0.3823-0.4446i	-0.0850+0.1433i	1.4877+1.7981i	-0.1546+0.4840i
46.4	8.0846-1.7063i	8.5019+0.1712i	3.6521+0.2842i	-0.2805+1.7877i	0.4009-0.4745i	-0.0886+0.1603i	1.4646+1.8296i	-0.1722+0.5233i
46.5	8.2962-1.7647i	8.6649+0.1143i	3.7888+0.2546i	-0.3841+1.8339i	0.4261-0.5082i	-0.0951+0.1674i	1.3993+1.8687i	-0.1932+0.5778i
46.6	8.3094-1.7611i	8.7873+0.1245i	3.8419+0.3357i	-0.3993+1.8503i	0.4098-0.5399i	-0.0992+0.2002i	1.4078+1.9170i	-0.1399+0.5724i
46.7	8.2525-1.7619i	8.8265+0.0314i	3.8294+0.4097i	-0.3485+1.8285i	0.3736-0.5445i	-0.0741+0.2339i	1.4803+1.9135i	-0.1060+0.5303i
46.8	8.2398-1.6664i	8.8019+0.1718i	3.9322+0.4547i	-0.3441+1.7889i	0.3398-0.5398i	-0.0523+0.2467i	1.5147+1.8915i	-0.1105+0.4970i
46.9	8.2553-1.7254i	8.8847+0.1208i	3.9992+0.3628i	-0.3048+1.8216i	0.2885-0.5495i	-0.0434+0.2770i	1.6068+1.9114i	-0.0552+0.5304i
47.0	8.2706-1.6792i	9.0083+0.1826i	4.0467+0.4401i	-0.2887+1.8298i	0.2734-0.5397i	-0.0261+0.2927i	1.6421+1.8903i	-0.0322+0.5069i
47.1	8.3636-1.5873i	9.2584+0.1489i	4.1411+0.5965i	-0.3033+1.7814i	0.2883-0.5543i	-0.0138+0.2998i	1.6159+1.8794i	-0.0560+0.5128i
47.2	8.4130-1.4871i	9.3888+0.0851i	4.1784+0.6714i	-0.3122+1.6700i	0.2764-0.5358i	0.0274+0.3048i	1.6280+1.8047i	-0.0464+0.4735i
47.3	8.4866-1.4520i	9.3810+0.0560i	4.2726+0.6907i	-0.3494+1.6428i	0.2642-0.5384i	0.0371+0.2905i	1.6279+1.7815i	-0.0339+0.4628i
47.4	8.5762-1.3910i	9.5276+0.1058i	4.4711+0.6326i	-0.3427+1.5606i	0.2455-0.5127i	0.0577+0.2944i	1.6425+1.7228i	-0.0070+0.4195i
47.5	8.6376-1.4091i	9.6490+0.0105i	4.5350+0.5863i	-0.3948+1.5587i	0.2387-0.5217i	0.0675+0.3071i	1.6597+1.7351i	-0.0126+0.4156i
47.6	8.6849-1.4016i	9.7194+0.0587i	4.6063+0.5769i	-0.4426+1.5494i	0.2214-0.4933i	0.0784+0.3296i	1.6681+1.6986i	-0.0058+0.3917i
47.7	8.8128-1.2669i	9.9516+0.0851i	4.8103+0.7886i	-0.4542+1.5096i	0.2265-0.4909i	0.1032+0.3102i	1.6381+1.6701i	-0.0292+0.3863i
47.8	8.8672-1.2997i	10.0299+0.1390i	4.7703+0.8726i	-0.4733+1.5250i	0.2413-0.5059i	0.1125+0.2965i	1.6163+1.6828i	-0.0355+0.4175i
47.9	8.9236-1.3021i	10.1370+0.2167i	4.8770+0.8878i	-0.4759+1.5197i	0.2357-0.5079i	0.1129+0.3075i	1.6272+1.6878i	-0.0092+0.4053i
48.0	9.0076-1.2703i	10.2653+0.1688i	5.0271+0.9042i	-0.4822+1.4881i	0.2264-0.5001i	0.1268+0.3174i	1.6286+1.6598i	0.0126+0.3684i
48.1	9.0548-1.2339i	10.4644+0.2627i	5.1446+0.9284i	-0.5143+1.4794i	0.2431-0.4867i	0.1589+0.2965i	1.5940+1.6297i	0.0046+0.3178i
48.2	9.1614-1.1957i	10.5014+0.2807i	5.2888+0.9342i	-0.5475+1.4364i	0.2199-0.5077i	0.1488+0.2972i	1.6123+1.6390i	-0.0422+0.3175i
48.3	9.2016-1.2162i	10.5337+0.1292i	5.4258+0.9390i	-0.5420+1.4132i	0.1876-0.5295i	0.1483+0.3077i	1.6409+1.6484i	-0.0537+0.3450i
48.4	9.2677-1.1851i	10.5817+0.1099i	5.4822+1.0368i	-0.5929+1.4136i	0.1460-0.5341i	0.1591+0.3088i	1.6736+1.6397i	-0.0462+0.3652i
48.5	9.3383-1.1909i	10.7632+0.1517i	5.6103+1.0066i	-0.6219+1.3962i	0.1445-0.5330i	0.1586+0.2896i	1.6581+1.6323i	-0.0204+0.3891i
48.6	9.4216-1.1431i	10.9558+0.2266i	5.8176+1.0919i	-0.6414+1.4148i	0.1356-0.5401i	0.1508+0.3067i	1.6513+1.6447i	0.0045+0.3692i
48.7	9.4910-1.1323i	10.9974+0.2131i	5.9137+1.0821i	-0.6602+1.3616i	0.1018-0.5072i	0.1784+0.3168i	1.6933+1.5924i	0.0040+0.3452i
48.8	9.5981-1.0877i	11.0705+0.1724i	5.9769+1.0792i	-0.6685+1.2914i	0.0927-0.4726i	0.2055+0.2866i	1.6857+1.5034i	-0.0102+0.3516i
48.9	9.7630-1.0453i	11.2741+0.3348i	6.2253+1.0790i	-0.7078+1.3357i	0.0973-0.4678i	0.1837+0.2619i	1.6517+1.5167i	0.0124+0.3781i
49.0	9.7696-1.1471i	11.3540+0.1600i	6.3129+0.9962i	-0.7368+1.3605i	0.0774-0.4925i	0.1604+0.2810i	1.6654+1.5516i	0.0575+0.3630i
49.1	9.8187-1.1498i	11.5649+0.1579i	6.3959+1.0828i	-0.7871+1.3343i	0.0883-0.4746i	0.1751+0.2836i	1.6476+1.5298i	0.0722+0.3235i
49.2	9.9528-1.1497i	11.8057+0.2598i	6.6337+1.1596i	-0.8081+1.3916i	0.0558-0.4664i	0.1816+0.3206i	1.6816+1.5513i	0.0799+0.3110i
49.3	10.0426-1.1047i	12.0762+0.3043i	6.6335+1.2774i	-0.8164+1.4164i	0.0692-0.4772i	0.1856+0.3174i	1.6564+1.5617i	0.0583+0.3157i
49.4	10.1718-1.0526i	12.4436+0.2270i	6.8875+1.3499i	-0.8274+1.3718i	0.0722-0.4715i	0.1823+0.3096i	1.6470+1.5374i	0.0503+0.2898i
49.5	10.1736-1.1158i	12.4292+0.2655i	6.9238+1.3756i	-0.8411+1.3734i	0.0539-0.4723i	0.1803+0.3097i	1.6542+1.5407i	0.0572+0.2888i
49.6	10.2200-1.1479i	12.5340+0.2443i	6.9624+1.2299i	-0.8826+1.3936i	0.0632-0.4745i	0.1860+0.3174i	1.6367+1.5478i	0.0408+0.2647i
49.7	10.3513-1.0809i	12.7051+0.2330i	7.1066+1.2351i	-0.8839+1.3523i	0.0656-0.4883i	0.1731+0.3139i	1.6064+1.5522i	-0.0059+0.2967i

49.8	10.4872−1.0952i	12.9089+0.2989i	7.3568+1.2567i	−0.9259+1.3580i	0.0307−0.4622i	0.1939+0.3202i	1.6405+1.5455i	0.0105+0.3513i
49.9	10.5278−1.2021i	12.9609+0.2480i	7.3936+1.2404i	−0.9833+1.3605i	0.0221−0.4409i	0.2041+0.3126i	1.6397+1.5377i	0.0614+0.3553i
50.0	10.4675−1.1555i	12.9964+0.3154i	7.4893+1.2578i	−0.9566+1.3499i	0.0046−0.4047i	0.2002+0.3405i	1.6639+1.4961i	0.0927+0.3022i
50.1	10.5901−1.1226i	13.3485+0.2727i	7.6508+1.2825i	−0.9577+1.3451i	0.0400−0.3918i	0.2224+0.3277i	1.6383+1.4621i	0.0871+0.3005i
50.2	10.6814−1.1834i	13.6005+0.2449i	7.6086+1.2439i	−0.9475+1.3150i	0.0664−0.4011i	0.2332+0.3221i	1.6183+1.4760i	0.0935+0.3024i
50.3	10.7460−1.1767i	13.6649+0.2459i	7.7461+1.2999i	−0.9975+1.3631i	0.0585−0.4218i	0.2273+0.3175i	1.5998+1.5094i	0.0858+0.2839i
50.4	10.8459−1.1044i	13.7471+0.2844i	7.9636+1.4029i	−1.0659+1.3881i	0.0537−0.4184i	0.2164+0.3188i	1.5815+1.5096i	0.0867+0.2887i
50.5	10.9290−1.0456i	14.0998+0.4001i	8.2052+1.5685i	−1.0436+1.3584i	0.0642−0.4224i	0.2239+0.3195i	1.5570+1.5056i	0.1086+0.2734i
50.6	10.9379−1.0876i	14.1619+0.2703i	8.2345+1.6887i	−1.0807+1.3871i	0.0447−0.4551i	0.2197+0.3011i	1.5698+1.5453i	0.1143+0.2761i
50.7	11.0474−1.0914i	14.2479+0.2397i	8.4308+1.6786i	−1.1072+1.3543i	0.0129−0.4604i	0.1996+0.3076i	1.5845+1.5615i	0.1448+0.2406i
50.8	11.1695−1.0673i	14.5540+0.3676i	8.6616+1.7896i	−1.1148+1.3519i	0.0001−0.4617i	0.1899+0.3245i	1.5917+1.5677i	0.1257+0.1954i
50.9	11.2760−1.0767i	14.6243+0.3110i	8.9125+1.7719i	−1.1977+1.4131i	−0.0196−0.4611i	0.1878+0.3277i	1.5901+1.5704i	0.1014+0.2248i
51.0	11.3614−1.0723i	14.8834+0.2300i	9.1661+1.8996i	−1.2551+1.4229i	−0.0457−0.4793i	0.1659+0.3784i	1.6001+1.6059i	0.1453+0.2216i
51.1	11.4339−1.1091i	15.1008+0.1850i	9.3508+1.8016i	−1.1959+1.3734i	−0.0647−0.4770i	0.2055+0.4186i	1.6371+1.6234i	0.1243+0.1960i
51.2	11.4857−1.1719i	15.1413+0.2577i	9.2994+1.7340i	−1.2465+1.3735i	−0.0497−0.4495i	0.2338+0.3628i	1.6149+1.5907i	0.1139+0.2364i
51.3	11.5472−1.2621i	15.2500+0.3629i	9.5339+1.8449i	−1.2687+1.3850i	−0.0647−0.4535i	0.1613+0.3982i	1.6000+1.6382i	0.1842+0.2088i
51.4	11.5829−1.2548i	15.5603+0.3011i	9.7535+1.8212i	−1.2622+1.4577i	−0.0852−0.4390i	0.1870+0.4604i	1.6497+1.6420i	0.1630+0.1525i
51.5	11.6769−1.2816i	15.7241+0.1388i	10.0063+1.7048i	−1.2516+1.4821i	−0.1161−0.4304i	0.2578+0.4968i	1.6899+1.6616i	0.1208+0.1418i
51.6	11.7721−1.3033i	15.8615+0.0568i	10.0268+1.7261i	−1.2236+1.4942i	−0.1384−0.4393i	0.3069+0.4856i	1.7233+1.6785i	0.1077+0.1761i
51.7	11.8295−1.3080i	16.1616+0.0758i	10.0977+1.8871i	−1.2730+1.5090i	−0.1609−0.4432i	0.3118+0.4474i	1.7590+1.6978i	0.1430+0.2089i
51.8	11.8987−1.3302i	16.3172+0.1246i	10.3263+1.8996i	−1.2812+1.4816i	−0.1631−0.4136i	0.3318+0.4419i	1.7837+1.6825i	0.1483+0.1857i
51.9	11.9403−1.2922i	16.3250+0.3422i	10.5321+1.9526i	−1.2812+1.4837i	−0.1648−0.3815i	0.3208+0.4420i	1.7747+1.6664i	0.1408+0.1626i
52.0	11.9432−1.2886i	16.6251+0.5355i	10.7123+2.0464i	−1.2808+1.5095i	−0.1616−0.3652i	0.3135+0.4503i	1.8026+1.6551i	0.1445+0.1577i
52.1	11.9542−1.2978i	16.7779+0.5075i	10.8653+1.9583i	−1.3034+1.4950i	−0.1596−0.3482i	0.3436+0.4446i	1.8023+1.6236i	0.1531+0.1391i
52.2	12.1038−1.3171i	16.9037+0.4025i	11.1354+2.0430i	−1.3388+1.4973i	−0.1981−0.3421i	0.3817+0.4324i	1.8435+1.6200i	0.1418+0.1485i
52.3	12.2628−1.2793i	17.1550+0.5033i	11.4200+2.0863i	−1.3045+1.4293i	−0.1979−0.3258i	0.3753+0.4161i	1.8435+1.5978i	0.1729+0.1652i
52.4	12.3012−1.2747i	17.5003+0.6068i	11.6061+2.0747i	−1.2920+1.4838i	−0.1979−0.3095i	0.3490+0.4658i	1.8598+1.5853i	0.2139+0.1121i
52.5	12.3445−1.2107i	17.9116+0.6376i	11.7722+2.0368i	−1.2919+1.5283i	−0.1719−0.3016i	0.3876+0.4565i	1.8326+1.5741i	0.1881+0.0955i
52.6	12.4158−1.2330i	18.0898+0.6576i	12.0445+2.0083i	−1.3539+1.5509i	−0.1872−0.2868i	0.4102+0.4302i	1.8537+1.5772i	0.2069+0.0978i
52.7	12.4503−1.2938i	18.2975+0.6980i	12.4316+2.1070i	−1.3623+1.5764i	−0.2095−0.2721i	0.4177+0.4460i	1.8761+1.5975i	0.2154+0.0423i
52.8	12.4978−1.3008i	18.5403+0.7159i	12.6750+2.1331i	−1.3555+1.5849i	−0.2192−0.2482i	0.4603+0.4489i	1.9075+1.5806i	0.1916+0.0121i
52.9	12.5901−1.3400i	18.7295+0.7531i	12.8737+2.1553i	−1.3767+1.6554i	−0.2534−0.2521i	0.5154+0.4375i	1.9619+1.6073i	0.1581+0.0074i
53.0	12.7168−1.3816i	19.0372+0.6099i	13.0846+2.0468i	−1.3860+1.6687i	−0.2899−0.2373i	0.5661+0.4466i	2.0131+1.6186i	0.1218+0.0115i
53.1	12.6654−1.3561i	18.9967+0.8947i	13.1474+1.9944i	−1.4070+1.7007i	−0.2868−0.1690i	0.6231+0.3719i	2.0411+1.5462i	0.1005+0.0497i
53.2	12.7477−1.4574i	19.1456+0.9123i	13.1821+1.8765i	−1.3821+1.7361i	−0.2729−0.1058i	0.6048+0.2849i	2.0594+1.4710i	0.1440+0.0524i
53.3	12.7682−1.4663i	19.4657+1.0132i	13.4224+1.9047i	−1.3214+1.7235i	−0.2644−0.0819i	0.5791+0.2419i	2.0652+1.4531i	0.1868+0.0268i
53.4	12.7939−1.4024i	20.0619+1.1859i	13.6068+1.9815i	−1.3121+1.6779i	−0.2050−0.0523i	0.5281+0.2134i	2.0357+1.3960i	0.1827−0.0183i
53.5	12.9187−1.3811i	20.6290+1.0132i	13.7947+1.9307i	−1.3342+1.6415i	−0.1487−0.0666i	0.4897+0.2489i	1.9837+1.3751i	0.1546−0.0530i
53.6	13.0304−1.3403i	20.8393+0.8884i	14.0418+1.9109i	−1.3530+1.6109i	−0.1557−0.0773i	0.4994+0.2564i	1.9578+1.3736i	0.1341−0.0639i
53.7	13.0813−1.3423i	21.2088+0.8051i	14.2180+2.0756i	−1.3781+1.6185i	−0.1302−0.0863i	0.4771+0.2441i	1.9123+1.3768i	0.1488−0.0507i
53.8	13.1508−1.3807i	21.5464+0.6548i	14.5066+2.0957i	−1.3350+1.6666i	−0.1459−0.0999i	0.5034+0.2787i	1.9288+1.4112i	0.1339−0.0881i
53.9	13.3443−1.4630i	21.9032+0.6690i	14.6736+2.1289i	−1.3001+1.7326i	−0.1303−0.1144i	0.5189+0.2293i	1.9211+1.4578i	0.0842−0.0590i
54.0	13.3597−1.5693i	21.9367+0.7838i	14.7971+2.3367i	−1.3570+1.7610i	−0.1399−0.1441i	0.4799+0.2120i	1.9095+1.5417i	0.1133−0.0565i
54.1	13.2836−1.5991i	22.3026+0.7834i	15.0624+2.2951i	−1.2609+1.8034i	−0.1565−0.1321i	0.4873+0.2442i	2.0036+1.5495i	0.1326−0.0784i
54.2	13.1804−1.4556i	22.8351+0.8056i	15.4284+2.2423i	−1.1502+1.7324i	−0.1245−0.1292i	0.4834+0.2593i	2.0585+1.5308i	0.0947−0.1088i
54.3	13.2203−1.3577i	23.2447+0.8147i	15.7927+2.3774i	−1.1162+1.6617i	−0.1341−0.1092i	0.5155+0.2283i	2.0975+1.4771i	0.0825−0.1059i
54.4	13.3153−1.3611i	23.6169+0.7770i	16.1335+2.5861i	−1.1521+1.6554i	−0.1442−0.1050i	0.5049+0.1855i	2.0905+1.4415i	0.0949−0.1025i
54.5	13.4696−1.2496i	24.2055+0.6914i	16.6223+2.7368i	−1.1632+1.5732i	−0.1454−0.1437i	0.4558+0.1995i	2.0717+1.4345i	0.0884−0.1254i
54.6	13.5337−1.3074i	24.5144+0.5504i	16.9988+2.7318i	−1.1402+1.5491i	−0.1511−0.1111i	0.4280+0.1980i	2.1112+1.4010i	0.0722−0.1592i
54.7	13.5879−1.2400i	24.8705+0.7059i	17.4851+2.4421i	−1.2066+1.5982i	−0.1612−0.0817i	0.4308+0.2160i	2.1485+1.4152i	0.0246−0.1826i
54.8	13.6705−1.1918i	25.4035+0.5753i	17.6676+2.2962i	−1.1926+1.5721i	−0.1645−0.0874i	0.4739+0.2234i	2.1849+1.3894i	−0.0089−0.1555i
54.9	13.6550−1.0603i	25.7939+0.6630i	17.8768+2.2458i	−1.1815+1.5329i	−0.1204−0.0863i	0.4606+0.1870i	2.1489+1.3392i	−0.0175−0.1221i
55.0	13.7669−1.1290i	26.1113+0.4205i	18.1665+2.2448i	−1.1884+1.5320i	−0.1414−0.0725i	0.4451+0.1730i	2.1550+1.2943i	0.0152−0.1300i
55.1	13.9352−1.1581i	26.6026+0.1645i	18.4245+2.1803i	−1.1555+1.4995i	−0.1621−0.0487i	0.4491+0.1619i	2.1723+1.2402i	0.0069−0.1310i
55.2	14.1160−1.0203i	27.2769+0.3169i	18.5630+2.1578i	−1.1474+1.5372i	−0.1483−0.0537i	0.4310+0.1765i	2.1793+1.2427i	−0.0175−0.1220i
55.3	14.0402−1.0906i	27.3151+0.2169i	18.8467+1.9335i	−1.2052+1.5362i	−0.1306−0.0171i	0.4174+0.1712i	2.1382+1.1896i	−0.0263−0.1678i
55.4	14.1073−1.1224i	27.7479+0.2256i	19.1376+1.6870i	−1.2161+1.5061i	−0.1064+0.0126i	0.4226+0.1929i	2.0832+1.1547i	−0.0415−0.2010i
55.5	14.1900−1.0244i	28.2437+0.3445i	19.4228+1.6423i	−1.2298+1.5222i	−0.0820+0.0134i	0.4241+0.2103i	2.0488+1.1361i	−0.0724−0.2098i
55.6	14.3697−1.0599i	28.6221+0.2530i	19.7207+1.6562i	−1.2281+1.5356i	−0.0721+0.0179i	0.4205+0.1646i	2.0196+1.1514i	−0.0976−0.1965i
55.7	14.5412−1.0616i	29.0750+0.1206i	20.0165+1.6750i	−1.2110+1.5086i	−0.0964+0.0067i	0.4052+0.1662i	2.0119+1.1823i	−0.1065−0.1919i
55.8	14.6020−0.9713i	29.7637−0.0297i	20.3876+1.6924i	−1.1841+1.4962i	−0.0749+0.0016i	0.3962+0.1875i	1.9876+1.1736i	−0.1427−0.1757i
55.9	14.6017−0.8311i	30.3835−0.0329i	20.5490+1.7045i	−1.1504+1.4576i	−0.0413−0.0150i	0.4077+0.2041i	2.0006+1.1636i	−0.1636−0.1449i
56.0	14.5531−0.8801i	30.9729−0.3567i	20.8395+1.7629i	−1.0952+1.4413i	−0.0519+0.0027i	0.4185+0.2120i	2.0286+1.1577i	−0.1753−0.1345i

56.1	14.6401-0.9726i	31.4945-0.5161i	21.3222+1.7100i	-1.0762+1.5074i	-0.0361+0.0122i	0.4159+0.1940i	2.0093+1.1668i	-0.1903-0.1225i
56.2	14.8793-0.9990i	32.0463-0.5315i	21.6922+1.7722i	-1.0463+1.5198i	-0.0421+0.0181i	0.3942+0.1853i	2.0010+1.1723i	-0.1902-0.1078i
56.3	14.9475-1.0030i	32.5368-0.8152i	22.0066+1.6052i	-1.0737+1.4797i	-0.0265+0.0286i	0.3929+0.1839i	1.9755+1.1572i	-0.2126-0.0968i
56.4	14.9584-0.9433i	33.2918-0.9041i	22.2188+1.6355i	-0.9987+1.4758i	-0.0087+0.0174i	0.3822+0.1864i	1.9878+1.1848i	-0.2262-0.0772i
56.5	15.1455-0.9825i	34.0401-1.3896i	22.5501+1.5273i	-0.9887+1.4474i	-0.0035+0.0002i	0.3867+0.1829i	1.9881+1.1830i	-0.2182-0.0442i
56.6	15.2392-0.8789i	34.9082-1.6258i	22.9802+1.6021i	-0.9571+1.3901i	-0.0083-0.0018i	0.3790+0.1847i	1.9912+1.1455i	-0.2034-0.0262i
56.7	15.1763-0.8465i	35.1624-1.8567i	23.4063+1.5968i	-0.8984+1.3537i	-0.0126+0.0243i	0.3826+0.2040i	1.9865+1.1152i	-0.1986-0.0202i
56.8	15.3185-0.8250i	36.0869-1.9782i	23.6905+1.6888i	-0.8733+1.3567i	-0.0168+0.0119i	0.4109+0.2109i	2.0021+1.1230i	-0.2087+0.0015i
56.9	15.4555-0.8831i	36.5820-2.3420i	24.1051+1.5263i	-0.8991+1.3388i	-0.0000+0.0090i	0.3906+0.1945i	1.9735+1.1307i	-0.2026+0.0015i
57.0	15.6160-0.7274i	37.5685-2.6810i	24.5410+1.4205i	-0.8099+1.2793i	0.0063+0.0071i	0.4047+0.1880i	1.9525+1.1463i	-0.1935+0.0071i
57.1	15.6604-0.7094i	38.1119-2.8854i	24.8505+1.3793i	-0.7791+1.2556i	0.0100+0.0099i	0.4108+0.2019i	1.9418+1.1500i	-0.1949+0.0107i
57.2	15.7215-0.7332i	38.8106-3.3113i	25.3657+1.4024i	-0.7600+1.1988i	0.0171+0.0220i	0.4244+0.1972i	1.9205+1.1197i	-0.1995+0.0245i
57.3	15.8362-0.6829i	39.5790-3.7111i	25.6608+1.3368i	-0.7241+1.1519i	0.0099+0.0173i	0.4265+0.1809i	1.9302+1.1346i	-0.1955+0.0322i
57.4	15.9943-0.5305i	40.4441-4.3047i	26.1660+1.3147i	-0.7206+1.0329i	0.0063+0.0097i	0.4231+0.1770i	1.9058+1.1388i	-0.2016+0.0239i
57.5	16.0193-0.5497i	41.0539-4.7004i	26.7571+1.1154i	-0.6477+0.9746i	0.0203+0.0250i	0.4204+0.1867i	1.8790+1.1320i	-0.1942+0.0156i
57.6	16.1257-0.4810i	41.9890-5.0218i	27.4556+1.3775i	-0.5995+0.9347i	0.0120+0.0416i	0.4220+0.1857i	1.8665+1.1184i	-0.1884+0.0079i
57.7	16.1803-0.5295i	42.8216-5.6547i	27.7929+1.1205i	-0.4735+0.8900i	0.0259+0.0393i	0.4246+0.1877i	1.8402+1.1367i	-0.2082+0.0037i
57.8	16.2321-0.5984i	43.7388-6.4189i	28.2768+1.2477i	-0.4180+0.8432i	0.0323+0.0403i	0.4074+0.1717i	1.8505+1.1340i	-0.1933+0.0209i
57.9	16.3385-0.5362i	44.5417-6.9959i	28.8766+1.0910i	-0.3871+0.7478i	0.0403+0.0409i	0.4068+0.1586i	1.8323+1.1294i	-0.1702+0.0211i
58.0	16.5702-0.4836i	45.7340-7.9637i	29.6578+1.0679i	-0.2852+0.6013i	0.0277+0.0556i	0.4097+0.1516i	1.8039+1.1227i	-0.1901+0.0171i
58.1	16.5707-0.3251i	46.5043-8.7356i	30.0583+1.0182i	-0.2107+0.4679i	0.0320+0.0687i	0.4050+0.1532i	1.7771+1.1472i	-0.2096+0.0326i
58.2	16.6606-0.1832i	47.5771-9.2373i	30.4017+0.9589i	-0.1318+0.3662i	0.0477+0.0705i	0.3988+0.1532i	1.7518+1.1743i	-0.2221+0.0427i
58.3	16.8757-0.3517i	48.6045-11.3002i	31.2678+0.7654i	-0.0946+0.1609i	0.0450+0.0906i	0.3971+0.1227i	1.7054+1.1764i	-0.2036+0.0477i
58.4	16.8809-0.2601i	49.7162-13.0149i	31.9183+0.4597i	0.0305-0.1079i	0.0545+0.0856i	0.3980+0.1268i	1.6745+1.1915i	-0.2486+0.0671i
58.5	16.9865-0.2141i	50.5737-14.5104i	32.2758+0.4068i	0.1503-0.2633i	0.0624+0.0863i	0.3910+0.1267i	1.6808+1.2130i	-0.2367+0.0952i
58.6	17.0627-0.1326i	50.7202-16.4503i	32.9019+0.2168i	0.1339-0.6010i	0.0749+0.0979i	0.3895+0.1198i	1.6454+1.2408i	-0.2119+0.1107i
58.7	17.2026-0.1192i	51.6564-19.0352i	33.9828+0.0365i	0.2440-0.9910i	0.0814+0.1182i	0.3737+0.1184i	1.5709+1.2958i	-0.1957+0.0900i
58.8	17.3571+0.1546i	51.8612-22.1284i	34.3672-0.1322i	0.2010-1.4923i	0.0900+0.1131i	0.3748+0.1181i	1.5549+1.3524i	-0.2028+0.1353i
58.9	17.5523+0.2560i	52.1786-24.9303i	34.9547-0.0646i	0.1980-1.9112i	0.0968+0.1329i	0.3852+0.1147i	1.5390+1.4042i	-0.2046+0.1600i
59.0	17.9088+0.3882i	51.2450-28.2271i	35.9838-0.5555i	-0.1423-2.4915i	0.1191+0.1534i	0.3882+0.1385i	1.4927+1.5499i	-0.2262+0.1483i
59.1	18.0185+0.5620i	48.0800-31.4883i	36.6513-1.1677i	-0.6197-3.1166i	0.1462+0.1538i	0.3878+0.1352i	1.4975+1.6187i	-0.2038+0.1398i
59.2	18.1483+0.5145i	44.6114-33.9476i	37.3647-1.7022i	-1.1928-3.5453i	0.1875+0.1666i	0.3560+0.1320i	1.5093+1.7241i	-0.2535+0.1395i
59.3	18.5366+0.5293i	41.0042-35.7398i	38.1695-2.1829i	-1.8851-3.9334i	0.2156+0.1765i	0.3749+0.1207i	1.5596+1.8649i	-0.2433+0.1466i
59.4	18.9016+0.3939i	36.3506-36.0469i	38.8801-2.8930i	-2.7921-4.0321i	0.2561+0.1705i	0.3836+0.1254i	1.6680+2.0125i	-0.2361+0.1797i
59.5	19.1578+0.3708i	31.8274-34.9989i	39.5522-3.4296i	-3.6654-3.9884i	0.2986+0.1518i	0.3884+0.1315i	1.8022+2.1022i	-0.2509+0.2197i
59.6	19.5759+0.3118i	28.2951-32.2974i	39.5843-3.8948i	-4.5208-3.6139i	0.3190+0.1203i	0.4135+0.1291i	1.9718+2.1410i	-0.2517+0.2784i
59.7	19.7310+0.1864i	26.0022-29.3290i	40.0943-4.3592i	-5.0761-3.1375i	0.3416+0.0916i	0.4391+0.1163i	2.1051+2.1597i	-0.2094+0.3253i
59.8	19.8165+0.1036i	25.0324-25.3328i	40.6290-4.8503i	-5.5135-2.5666i	0.3669+0.0557i	0.4428+0.0867i	2.2334+2.1252i	-0.1863+0.3300i
59.9	20.0188-0.8633i	24.8261-22.6307i	41.4766-6.3414i	-5.7974-3.3781i	0.3859+0.0386i	0.4468+0.0104i	2.3443+2.0486i	-0.1565+0.3809i
60.0	19.2427-0.1151i	23.6747-17.8755i	40.9645-5.3054i	-7.7288-0.9537i	0.4109+0.0022i	0.4214+0.0156i	2.3920+1.9962i	-0.1570+0.4254i
60.1	19.5340-0.4967i	25.6440-16.4025i	41.8991-5.9467i	-7.1266-0.8008i	0.4038-0.0166i	0.4066+0.0185i	2.4554+1.9056i	-0.1292+0.3998i
60.2	20.3122-0.6299i	28.7496-14.4130i	43.3822-6.5841i	-5.8994-0.3654i	0.3830-0.0447i	0.3957-0.0353i	2.5195+1.8442i	-0.0448+0.3855i
60.3	20.3340-0.5673i	30.2665-12.3615i	43.7270-6.2391i	-5.8072-0.0858i	0.3666-0.0555i	0.3640-0.0771i	2.5394+1.7835i	0.0030+0.4076i
60.4	20.4666-0.7150i	32.0277-11.1733i	44.6671-6.5391i	-5.7022+0.1856i	0.3692-0.0669i	0.3387-0.0753i	2.5441+1.7195i	0.0302+0.4330i
60.5	20.4527-0.6849i	34.0522-10.7722i	45.4009-7.2348i	-5.5498+0.3938i	0.3662-0.0958i	0.3174-0.1038i	2.5610+1.6871i	0.0983+0.4252i
60.6	20.5141-0.8326i	35.9074-10.1169i	45.8589-8.1016i	-5.4012+0.6135i	0.3617-0.1109i	0.3057-0.1333i	2.5830+1.6802i	0.1077+0.4295i
60.7	20.6492-0.6859i	37.6468-9.8120i	46.6179-8.6299i	-5.3423+0.7331i	0.3511-0.1236i	0.3026-0.1209i	2.5922+1.6512i	0.1443+0.4269i
60.8	20.8528-0.4231i	39.7087-9.0379i	48.1746-9.0610i	-5.3010+0.7927i	0.3568-0.1249i	0.2933-0.1491i	2.5629+1.6365i	0.1725+0.3837i
60.9	20.9113-0.5256i	41.2851-9.3753i	48.8583-9.8150i	-5.1802+0.8851i	0.3669-0.1352i	0.2472-0.1541i	2.5619+1.6111i	0.1845+0.3777i
61.0	20.9721-0.5431i	43.0103-9.7799i	49.5355-10.7891i	-5.0406+0.9307i	0.3562-0.1359i	0.1986-0.2004i	2.5542+1.5795i	0.1918+0.3565i
61.1	21.2519-0.5218i	44.9749-10.0902i	50.0377-11.1211i	-4.9536+1.0144i	0.3340-0.1597i	0.1638-0.2315i	2.5955+1.5492i	0.2675+0.3302i
61.2	21.2574-0.5186i	46.1168-10.2544i	50.6290-11.5700i	-4.8584+1.0509i	0.3322-0.1694i	0.1412-0.2177i	2.5645+1.5458i	0.2981+0.3093i
61.3	21.3620-0.6406i	48.1160-10.7240i	51.7859-12.5594i	-4.8220+1.1957i	0.3419-0.1674i	0.1061-0.2453i	2.5924+1.5201i	0.3528+0.3506i
61.4	21.5327-0.7482i	49.5683-11.1168i	52.5863-13.4129i	-4.8505+1.2775i	0.3543-0.1722i	0.0963-0.2451i	2.5851+1.5297i	0.3973+0.3541i
61.5	21.6088-0.6068i	51.0936-11.5227i	53.2754-14.8256i	-4.7557+1.2724i	0.3470-0.1923i	0.0647-0.2102i	2.5696+1.5908i	0.4557+0.3225i
61.6	21.6909-0.5148i	52.4241-12.0432i	53.9859-15.4642i	-4.7279+1.2843i	0.3392-0.1938i	0.0366-0.2396i	2.5756+1.6068i	0.4714+0.2888i
61.7	21.9700-0.7364i	53.8353-12.9018i	55.2291-15.8917i	-4.7752+1.3705i	0.3311-0.1871i	-0.0440-0.2684i	2.5549+1.5718i	0.5111+0.2342i
61.8	21.9156-0.7544i	54.9118-13.3645i	56.3697-16.2603i	-4.6847+1.3831i	0.3350-0.1967i	-0.0837-0.2375i	2.5526+1.5426i	0.5759+0.1768i
61.9	22.0807-0.6315i	56.4860-14.8831i	56.7437-18.0121i	-4.6698+1.3245i	0.3332-0.2204i	-0.0959-0.2234i	2.6096+1.5811i	0.6462+0.1386i
62.0	22.3186-0.8124i	58.2835-15.9893i	58.0463-19.3784i	-4.6861+1.3754i	0.3439-0.2258i	-0.1642-0.2537i	2.6202+1.5727i	0.7114+0.0644i
62.1	22.3069-0.8143i	59.3215-16.9475i	58.9188-20.6969i	-4.6531+1.4088i	0.3415-0.2308i	-0.2399-0.2473i	2.6135+1.5668i	0.7388-0.0275i
62.2	22.5103-0.8072i	60.6339-18.3297i	59.3956-22.0948i	-4.6285+1.5026i	0.3371-0.2355i	-0.2418-0.2498i	2.6396+1.5734i	0.7596-0.1005i
62.3	22.8028-0.6882i	62.2130-19.2087i	60.4573-23.7489i	-4.6969+1.4936i	0.3454-0.2524i	-0.3033-0.2180i	2.6128+1.6128i	0.7611-0.1979i

62.4	23.0092-0.7756i	63.7656-20.0918i	61.3299-24.7646i	-4.6206+1.4652i	0.3487-0.2549i	-0.3224-0.2129i	2.6373+1.6180i	0.7815-0.2655i
62.5	23.1337-0.8382i	64.7023-20.7772i	62.0092-25.3483i	-4.7046+1.5303i	0.3381-0.2531i	-0.3345-0.2138i	2.6572+1.6115i	0.7595-0.3228i
62.6	23.2906-0.7920i	66.1965-22.0132i	62.8911-27.6452i	-4.7457+1.5389i	0.3317-0.2745i	-0.4289-0.1876i	2.6371+1.6714i	0.7251-0.4248i
62.7	23.3721-0.7739i	67.3080-23.9254i	62.5782-29.9333i	-4.7123+1.5942i	0.3227-0.3076i	-0.3966-0.1446i	2.6896+1.6839i	0.7597-0.5242i
62.8	23.5723-0.8548i	68.3489-25.5763i	63.8050-31.1545i	-4.7188+1.6174i	0.3195-0.3028i	-0.5113-0.1288i	2.7112+1.6723i	0.6808-0.6210i
62.9	23.8167-0.9407i	70.0378-26.8990i	65.3180-32.7065i	-4.7698+1.6922i	0.3224-0.3103i	-0.5820-0.1059i	2.7210+1.6959i	0.6362-0.6979i
63.0	24.1394-0.9549i	71.6560-28.6045i	65.7406-34.5336i	-4.8121+1.7421i	0.3240-0.3196i	-0.6157-0.1165i	2.7594+1.7495i	0.6105-0.7273i
63.1	24.1443-0.8713i	73.3869-30.1945i	66.6141-36.3210i	-4.7918+1.7450i	0.3209-0.3354i	-0.7236-0.0503i	2.7919+1.7770i	0.5461-0.8080i
63.2	24.2166-1.0156i	74.2378-31.7583i	66.6271-39.4890i	-4.8125+1.8043i	0.3140-0.3494i	-0.6923-0.0305i	2.8130+1.8498i	0.5056-0.9270i
63.3	24.4279-1.2642i	74.6247-34.0954i	66.4240-41.2519i	-4.8271+1.8503i	0.3064-0.3553i	-0.6667-0.0400i	2.8716+1.8448i	0.4210-1.0134i
63.4	24.6499-1.2694i	76.0410-36.3364i	66.7481-42.8942i	-4.7978+1.8843i	0.3062-0.3648i	-0.7989+0.0308i	2.9421+1.8507i	0.3196-1.0777i
63.5	24.8218-1.2533i	77.0986-39.0827i	65.6122-45.7894i	-4.7323+1.8815i	0.2942-0.3823i	-0.8186+0.0502i	3.0188+1.8882i	0.2121-1.1110i
63.6	24.9013-1.2928i	78.1606-40.6436i	65.8570-47.5860i	-4.7208+1.9503i	0.2917-0.3843i	-0.7849+0.0090i	3.0669+1.9201i	0.0964-1.1433i
63.7	24.9420-1.3950i	78.8804-41.8537i	66.1165-49.5568i	-4.8161+1.9586i	0.2810-0.3821i	-0.8363+0.0597i	3.0955+1.9930i	0.0212-1.1666i
63.8	24.9306-1.3212i	78.8422-43.8829i	65.6709-51.6879i	-4.7960+1.9569i	0.2701-0.3936i	-0.8788+0.1028i	3.1226+2.0170i	-0.0760-1.1712i
63.9	25.2904-1.5366i	80.2710-46.4462i	66.1596-54.3178i	-4.8372+2.0931i	0.2640-0.3980i	-0.9635+0.1073i	3.2157+2.0521i	-0.1999-1.1490i
64.0	25.4241-1.5858i	82.1486-49.2315i	66.0760-57.2120i	-4.7454+2.2336i	0.2620-0.4173i	-1.0331+0.1346i	3.3256+2.0516i	-0.3328-1.1357i
64.1	25.4427-1.4689i	82.7473-52.0701i	64.5069-60.5093i	-4.6903+2.1810i	0.2545-0.4384i	-1.1592+0.4447i	3.4180+2.0978i	-0.4525-1.0415i
64.2	25.4198-1.3691i	82.8785-54.5749i	63.9997-62.8718i	-4.6930+2.1357i	0.2463-0.4398i	-1.1933+0.4141i	3.4977+2.1195i	-0.4958-0.9787i
64.3	25.8160-1.4450i	84.1304-57.5908i	64.3723-64.8209i	-4.7177+2.1682i	0.2302-0.4497i	-1.2876+0.4430i	3.6057+2.1157i	-0.5308-0.9178i
64.4	25.8172-1.5698i	83.2699-60.1050i	62.8729-66.4102i	-4.7790+2.2135i	0.2161-0.4504i	-1.3145+0.4646i	3.7157+2.0914i	-0.5664-0.8793i
64.5	25.8693-1.6070i	82.9681-61.8894i	61.4262-68.7633i	-4.6824+2.2389i	0.2041-0.4545i	-1.3031+0.4513i	3.7945+2.0816i	-0.6076-0.8734i
64.6	25.9472-1.5125i	82.8201-65.5120i	59.8383-71.2634i	-4.6394+2.1772i	0.1921-0.4618i	-1.3396+0.7038i	3.8973+2.0396i	-0.6397-0.8008i
64.7	26.1045-1.4204i	83.9234-69.4318i	58.4665-74.4482i	-4.5639+2.1184i	0.1795-0.4727i	-1.3982+0.8086i	4.0378+2.0278i	-0.6519-0.7552i
64.8	26.3139-1.5436i	84.2272-71.8494i	57.5623-77.0027i	-4.5988+2.2445i	0.1613-0.4717i	-1.4364+0.9017i	4.1263+2.0301i	-0.6408-0.7285i
64.9	26.4627-1.5646i	83.2719-75.4147i	56.2700-80.0055i	-4.6749+2.1627i	0.1564-0.4694i	-1.4658+1.1246i	4.2290+1.9577i	-0.6178-0.6910i
65.0	26.4684-1.5714i	82.3399-76.4402i	54.6895-80.4618i	-4.7088+2.1609i	0.1471-0.4463i	-1.4392+1.0754i	4.2935+1.9000i	-0.6445-0.7350i
65.1	26.7935-1.4210i	82.1780-78.7624i	52.6807-81.6617i	-4.7819+2.2155i	0.1268-0.4378i	-1.4267+1.1202i	4.4323+1.8337i	-0.7256-0.7266i
65.2	26.9426-1.4521i	81.7387-81.6898i	52.0842-83.4807i	-4.7707+2.2351i	0.1163-0.4151i	-1.5134+1.0286i	4.5109+1.7701i	-0.8150-0.7223i
65.3	27.0244-1.5865i	79.9336-84.8616i	49.6296-86.9452i	-4.7600+2.2205i	0.1040-0.4209i	-1.4515+1.2509i	4.5714+1.7150i	-0.8446-0.6399i
65.4	27.1016-1.5503i	79.3547-88.6506i	45.7329-88.8960i	-4.6755+2.2135i	0.1002-0.4144i	-1.3689+1.4155i	4.7342+1.6383i	-0.8745-0.5648i
65.5	27.3475-1.6395i	77.7328-90.4951i	43.1471-88.3532i	-4.6679+2.2783i	0.0945-0.4025i	-1.3093+1.4998i	4.8204+1.5485i	-0.8597-0.5250i
65.6	27.6545-1.6419i	76.7742-94.7005i	40.9213-89.4445i	-4.7437+2.3041i	0.0851-0.3884i	-1.2927+1.5211i	4.9447+1.4108i	-0.8617-0.4936i
65.7	27.8753-1.5311i	76.2371-96.3631i	38.5312-89.6488i	-4.7866+2.2934i	0.0961-0.3743i	-1.3228+1.5382i	5.0178+1.3345i	-0.9011-0.4648i
65.8	28.1380-1.5494i	74.9978-98.4670i	36.8657-91.0053i	-4.8307+2.2950i	0.1102-0.3412i	-1.3808+1.5894i	5.0946+1.2707i	-0.8936-0.4663i
65.9	28.3422-1.7478i	71.1675-102.4163i	32.4008-92.7152i	-4.8614+2.3851i	0.1099-0.3375i	-1.1084+1.7639i	5.1645+1.1128i	-0.8965-0.4538i
66.0	28.4440-1.8574i	71.9870-104.8130i	29.5749-93.9849i	-4.8389+2.3839i	0.1350-0.3341i	-1.2688+1.7242i	5.2875+1.0719i	-0.9303-0.3706i
66.1	28.4090-1.6261i	70.8604-106.8968i	29.0291-94.3432i	-4.7819+2.4277i	0.1490-0.3227i	-1.4479+1.7479i	5.3244+0.9369i	-0.9438-0.3123i
66.2	28.3690-1.5511i	70.4890-109.4239i	27.3788-93.7208i	-4.8120+2.3622i	0.1747-0.3254i	-1.5864+1.8073i	5.4406+0.8160i	-0.9836-0.2126i
66.3	28.5241-1.6920i	68.9300-112.3358i	24.7794-94.0615i	-4.8278+2.3337i	0.1858-0.3217i	-1.5464+1.9231i	5.5258+0.6982i	-0.9746-0.1591i
66.4	28.9644-1.6262i	65.6564-114.6746i	23.4773-93.9974i	-4.8793+2.4056i	0.2027-0.3153i	-1.4805+2.0486i	5.5337+0.5340i	-0.9519-0.1512i
66.5	29.0669-1.5860i	64.2633-119.2601i	20.7438-94.8538i	-4.8533+2.4100i	0.2346-0.3459i	-1.6148+2.1429i	5.6426+0.3552i	-0.9170-0.0740i
66.6	29.1143-1.8342i	63.0416-122.9144i	19.3555-97.1265i	-4.8033+2.5240i	0.2681-0.3657i	-1.8448+2.3247i	5.6914+0.2096i	-0.8880+0.0279i
66.7	29.4937-1.7628i	62.6326-127.1140i	18.3385-96.2824i	-4.9217+2.5678i	0.3048-0.3766i	-2.1300+2.4469i	5.8093+0.0540i	-0.8162+0.0541i
66.8	29.7799-1.5313i	61.6040-129.8504i	15.7536-96.2606i	-4.9166+2.4812i	0.3267-0.3981i	-2.0713+2.5684i	5.8975-0.0611i	-0.7640+0.0780i
66.9	29.9255-1.4876i	56.2942-131.7602i	14.1912-93.6483i	-4.9253+2.4664i	0.3017-0.4303i	-1.7292+2.6974i	5.8507-0.3279i	-0.6496+0.0587i
67.0	29.9067-1.5160i	52.3918-133.7322i	11.0829-92.8118i	-4.8599+2.4976i	0.2873-0.4529i	-1.5475+2.7597i	5.8010-0.4842i	-0.5642+0.0488i
67.1	30.1225-1.5862i	48.8229-136.4099i	9.6215-93.5998i	-4.7762+2.5795i	0.3018-0.4647i	-1.7155+2.9863i	5.7709-0.6677i	-0.5411-0.0072i
67.2	30.3642-1.5399i	45.1050-139.0860i	8.0453-94.5473i	-4.8123+2.5757i	0.3115-0.4957i	-1.7090+3.1612i	5.7534-0.8317i	-0.4815-0.0192i
67.3	30.5470-1.5910i	43.7423-142.5311i	6.2871-93.9434i	-4.8654+2.5268i	0.3332-0.5283i	-1.6987+3.2805i	5.8464-0.9873i	-0.4007-0.0630i
67.4	30.5872-1.8569i	40.2253-147.7663i	4.9105-95.4418i	-4.8867+2.5485i	0.3798-0.5629i	-2.0450+3.6639i	5.8733-1.2321i	-0.3271-0.1584i
67.5	30.8302-1.8754i	33.4695-148.7765i	3.1044-94.9982i	-4.8688+2.5456i	0.3598-0.5956i	-1.8840+3.9061i	5.7279-1.4458i	-0.3098-0.2844i
67.6	31.0577-1.7942i	29.4996-149.1870i	1.5095-94.8595i	-4.8917+2.4888i	0.3429-0.6286i	-1.7164+4.1009i	5.6109-1.6155i	-0.3474-0.3935i
67.7	31.2511-2.0004i	24.0359-150.9344i	-0.6210-94.9609i	-4.7571+2.6268i	0.3413-0.6639i	-1.6376+4.3713i	5.5597-1.8411i	-0.3861-0.5497i
67.8	31.3033-1.7776i	20.8572-151.5273i	-2.4814-94.2327i	-4.6993+2.6511i	0.3258-0.6817i	-1.4119+4.4378i	5.5121-1.9502i	-0.4137-0.6661i
67.9	31.5781-1.7670i	15.5045-156.1718i	-4.9549-94.8553i	-4.7545+2.5405i	0.3338-0.7572i	-1.4745+4.9934i	5.4650-2.2380i	-0.5256-0.7419i
68.0	31.9369-1.5472i	10.8233-156.2701i	-5.7556-96.5991i	-4.7805+2.4704i	0.3111-0.7902i	-1.2363+5.3239i	5.3080-2.3909i	-0.7124-0.8302i
68.1	32.0073-1.1144i	4.9960-157.0122i	-8.2819-95.6394i	-4.7184+2.3614i	0.2815-0.8317i	-1.0390+5.5674i	5.1432-2.5892i	-0.8301-0.9078i
68.2	32.2502-1.3703i	-0.2410-155.9075i	-9.4246-95.3494i	-4.7124+2.3414i	0.2451-0.8593i	-0.7481+5.7708i	4.9116-2.7304i	-0.9362-0.9015i
68.3	32.5566-1.3175i	-4.7808-156.7400i	-11.5710-94.6060i	-4.7934+2.3397i	0.2116-0.8789i	-0.4830+5.9486i	4.8037-2.8741i	-1.0305-0.8753i
68.4	33.1365-1.1313i	-11.6465-156.9780i	-14.2750-95.3238i	-4.9454+2.2072i	0.1662-0.9321i	-0.2028+6.3554i	4.5731-3.0499i	-1.2024-0.8300i
68.5	33.4208-0.9199i	-16.6060-157.2508i	-16.5247-95.2203i	-5.0290+2.1798i	0.1409-0.9650i	0.0576+6.6085i	4.3912-3.1877i	-1.3052-0.7422i
68.6	33.7279-0.7640i	-21.6493-155.7929i	-17.7081-94.8076i	-5.0706+2.1353i	0.0943-0.9709i	0.3606+6.6376i	4.1829-3.2683i	-1.4045-0.7232i

68.7	33.9152-0.8837i	-24.5544-154.9159i	-19.7057-92.9554i	-5.0500+2.1319i	0.0681-0.9839i	0.6217+6.6976i	4.0623-3.3261i	-1.4167-0.6872i
68.8	34.1882-0.9138i	-29.8899-152.9181i	-23.0318-92.1108i	-5.0622+2.1781i	0.0171-0.9777i	1.0231+6.7659i	3.8259-3.3835i	-1.4488-0.6649i
68.9	34.7981-0.7045i	-34.9022-149.5767i	-25.3715-91.7933i	-5.1852+2.0730i	-0.0170-0.9683i	1.3824+6.7883i	3.5823-3.3724i	-1.5377-0.6028i
69.0	34.9046-0.6008i	-40.1105-148.5432i	-28.3401-90.9277i	-5.1531+2.0574i	-0.0495-0.9869i	1.7493+6.9338i	3.3449-3.4436i	-1.6224-0.6066i
69.1	35.2692-0.6375i	-44.1523-146.5225i	-28.6800-88.9195i	-5.2860+2.0129i	-0.0785-1.0022i	2.0475+7.0617i	3.1328-3.4631i	-1.6558-0.5622i
69.2	35.7743-0.8631i	-48.1079-142.1301i	-30.5081-87.9064i	-5.4236+2.0461i	-0.1057-0.9954i	2.4309+7.0563i	2.9073-3.3847i	-1.7145-0.5113i
69.3	36.4389-1.0720i	-51.8165-139.1313i	-32.1473-86.6835i	-5.5589+2.2118i	-0.1265-0.9953i	2.8419+7.0740i	2.7304-3.3271i	-1.7980-0.5035i
69.4	36.6232-0.9642i	-54.5704-135.6552i	-33.8638-84.4721i	-5.6072+2.1895i	-0.1462-1.0031i	3.2323+7.1065i	2.5748-3.2349i	-1.8691-0.5227i
69.5	36.9577-0.9508i	-56.9467-131.6164i	-36.3170-82.5903i	-5.6492+2.1630i	-0.1660-1.0168i	3.6492+7.0091i	2.4478-3.1421i	-2.0339-0.5147i
69.6	37.5809-1.0763i	-60.9431-128.3446i	-37.4454-80.2366i	-5.7736+2.2390i	-0.2096-1.0435i	4.1276+6.8898i	2.3087-3.1099i	-2.2118-0.4979i
69.7	37.9372-1.3219i	-63.7039-124.9416i	-37.7215-79.0596i	-5.8378+2.2575i	-0.2788-1.0384i	4.5131+6.7672i	2.1510-3.0444i	-2.3290-0.4072i
69.8	38.0945-1.7506i	-64.2268-120.3017i	-39.7983-77.9923i	-5.7659+2.3041i	-0.3163-1.0278i	4.9848+6.4958i	2.0625-2.8830i	-2.4563-0.1557i
69.9	38.6213-1.6108i	-67.0677-116.8247i	-40.7404-77.0181i	-5.7941+2.2701i	-0.3666-1.0282i	5.3438+6.2811i	1.9357-2.8276i	-2.5751-0.0240i
70.0	38.9328-1.4777i	-68.6708-114.9107i	-41.5511-75.0856i	-5.8886+2.2303i	-0.4039-1.0396i	5.6097+6.1334i	1.8604-2.7891i	-2.6069+0.1011i
70.1	39.3033-1.3408i	-71.0124-110.9430i	-42.0522-72.6198i	-6.0130+2.1629i	-0.4698-1.0325i	5.9516+5.9201i	1.7139-2.6943i	-2.6332+0.2489i
70.2	39.8452-1.6569i	-72.1219-105.2270i	-42.4978-70.8583i	-6.1467+2.1931i	-0.5159-1.0060i	6.2849+5.6365i	1.6165-2.5448i	-2.6752+0.4251i
70.3	39.8508-1.9331i	-72.8401-102.7558i	-44.3042-68.5472i	-6.0625+2.3342i	-0.5613-0.9994i	6.5610+5.2892i	1.5730-2.4854i	-2.6610+0.5990i
70.4	40.3082-1.8449i	-73.0383-99.2747i	-44.8146-67.3479i	-6.0959+2.3565i	-0.6085-0.9670i	6.6913+4.9671i	1.5077-2.3855i	-2.6611+0.7529i
70.5	40.7745-2.0160i	-73.6262-96.3330i	-44.7102-65.5950i	-6.1046+2.2995i	-0.6481-0.9379i	6.8264+4.6164i	1.4635-2.2964i	-2.6498+0.9138i
70.6	41.2730-2.3967i	-74.4830-94.3967i	-44.9119-64.9305i	-6.2183+2.3370i	-0.6935-0.9174i	7.0132+4.3700i	1.4475-2.2342i	-2.6954+1.0351i
70.7	41.9311-2.7831i	-73.3561-91.5238i	-45.0939-63.8252i	-6.3574+2.3776i	-0.7198-0.8843i	7.1183+3.9789i	1.4848-2.1595i	-2.6594+1.1542i
70.8	41.9552-2.9835i	-73.8083-88.5444i	-45.6334-61.9399i	-6.3527+2.4429i	-0.7519-0.8548i	7.2553+3.6971i	1.4288-2.1093i	-2.6256+1.2882i
70.9	42.4590-3.4087i	-72.7552-84.7171i	-45.6117-59.9509i	-6.4678+2.5196i	-0.7809-0.8034i	7.4443+3.4161i	1.4207-1.9891i	-2.5622+1.4504i
71.0	43.2487-3.2792i	-71.4837-82.1830i	-45.4703-58.7510i	-6.5912+2.4840i	-0.8062-0.7587i	7.5594+3.1866i	1.4187-1.8401i	-2.5397+1.5636i
71.1	44.1482-3.3667i	-71.8974-79.7279i	-45.9357-58.3431i	-6.7497+2.5927i	-0.8351-0.7127i	7.6721+2.9045i	1.4180-1.7909i	-2.5185+1.6762i
71.2	44.4379-3.1758i	-71.5140-77.3571i	-45.7755-56.8932i	-6.8380+2.5213i	-0.8552-0.6474i	7.7045+2.6018i	1.3994-1.6948i	-2.4921+1.7525i
71.3	44.5339-3.7181i	-70.9696-75.6233i	-45.6750-55.4710i	-6.8512+2.6540i	-0.8637-0.6088i	7.7641+2.2674i	1.3892-1.6718i	-2.4699+1.8696i
71.4	44.7494-4.4303i	-70.6958-73.7499i	-45.7716-54.4445i	-6.8926+2.8180i	-0.8725-0.5577i	7.7732+1.8829i	1.3688-1.6647i	-2.4334+2.0153i
71.5	44.8152-4.9487i	-70.2836-73.6494i	-45.9840-52.8244i	-6.8928+2.9156i	-0.8695-0.5416i	7.7995+1.6089i	1.3843-1.6837i	-2.3988+2.1657i
71.6	45.2906-5.3564i	-69.2105-72.3500i	-46.0624-51.2379i	-6.9687+2.9482i	-0.8595-0.5069i	7.8155+1.3603i	1.4112-1.6404i	-2.3277+2.3096i
71.7	45.7054-5.7710i	-68.5616-69.9207i	-46.4693-50.9509i	-7.0212+2.9718i	-0.8419-0.4479i	7.7037+1.0430i	1.4337-1.5651i	-2.2618+2.4754i
71.8	46.1255-5.4960i	-68.2621-68.8140i	-46.4735-50.7491i	-7.0767+2.9932i	-0.8306-0.4111i	7.6679+0.8175i	1.4394-1.4889i	-2.2124+2.6646i
71.9	46.4248-5.8704i	-68.1556-67.4175i	-47.0541-49.3000i	-7.0993+3.0899i	-0.8216-0.3816i	7.6653+0.5045i	1.4410-1.4781i	-2.1044+2.8756i
72.0	46.8047-6.2787i	-67.1068-66.3792i	-47.2685-48.1654i	-7.1034+3.1543i	-0.7983-0.3396i	7.6141+0.2720i	1.4833-1.4148i	-1.9858+3.0368i
72.1	47.0546-7.0382i	-67.1099-64.5248i	-46.9434-47.7116i	-7.1882+3.3730i	-0.8051-0.3163i	7.5385+0.0293i	1.4783-1.4095i	-1.7654+3.1913i
72.2	47.6833-7.5452i	-66.7207-63.1607i	-47.1225-46.6427i	-7.2362+3.4587i	-0.7879-0.2951i	7.4342-0.2019i	1.5201-1.4083i	-1.5798+3.2982i
72.3	48.1737-7.8270i	-65.9462-62.6103i	-46.6609-45.7447i	-7.3204+3.4813i	-0.7471-0.2769i	7.2841-0.3948i	1.5826-1.4146i	-1.3853+3.3188i
72.4	48.0751-7.8353i	-65.2345-62.1043i	-46.4183-45.2138i	-7.2949+3.4132i	-0.7302-0.2543i	7.1958-0.5010i	1.5753-1.3552i	-1.2116+3.3403i
72.5	48.2547-8.2803i	-65.2037-60.8977i	-46.5063-44.3371i	-7.3714+3.5893i	-0.7234-0.2188i	7.1567-0.7108i	1.5723-1.3412i	-1.0777+3.3895i
72.6	48.0937-9.2902i	-65.2177-60.5879i	-46.9569-42.5446i	-7.2626+3.8364i	-0.6772-0.2288i	7.0463-0.9538i	1.6147-1.4262i	-0.8967+3.3757i
72.7	48.9163-9.5377i	-65.2488-57.4061i	-47.2202-42.0412i	-7.3753+3.8480i	-0.6510-0.1838i	7.0629-1.0768i	1.6723-1.3539i	-0.7701+3.4218i
72.8	49.4473-9.6981i	-64.4312-57.2094i	-47.1168-41.7924i	-7.4353+3.8384i	-0.6136-0.1750i	6.9329-1.1922i	1.7310-1.3502i	-0.6589+3.4682i
72.9	49.2800-9.7323i	-64.5531-57.1576i	-47.2113-40.6495i	-7.3319+3.8062i	-0.5976-0.1957i	6.8114-1.2965i	1.7087-1.3892i	-0.5224+3.4672i
73.0	49.3810-10.0597i	-63.7546-55.9876i	-48.1080-39.1101i	-7.2978+3.8328i	-0.5499-0.1951i	6.7048-1.4230i	1.7368-1.4231i	-0.3490+3.5005i
73.1	49.4952-10.7836i	-63.5390-54.9116i	-48.0612-37.1014i	-7.3841+4.0346i	-0.5216-0.2251i	6.6230-1.6144i	1.7775-1.4904i	-0.1481+3.4666i
73.2	49.4465-11.1922i	-63.3359-54.9093i	-47.6489-36.1126i	-7.3858+4.0776i	-0.5292-0.2468i	6.5713-1.6609i	1.7275-1.5333i	-0.0351+3.4558i
73.3	49.7829-11.7860i	-63.2685-54.1450i	-47.8731-35.5497i	-7.4728+4.2514i	-0.5060-0.2704i	6.4881-1.8125i	1.7280-1.5978i	0.0851+3.4773i
73.4	50.4872-12.5323i	-62.8192-53.2394i	-48.7011-34.7879i	-7.5608+4.3389i	-0.4777-0.2775i	6.4296-1.9642i	1.7749-1.6314i	0.2661+3.4751i
73.5	50.4185-12.7997i	-61.9963-52.7608i	-47.6604-34.1954i	-7.5109+4.3826i	-0.4763-0.2886i	6.4175-1.9745i	1.7759-1.6320i	0.3255+3.4167i
73.6	50.2762-13.3957i	-62.4321-52.0092i	-46.9662-32.3402i	-7.5510+4.4546i	-0.5073-0.3166i	6.4168-2.1821i	1.6979-1.6870i	0.4260+3.4397i
73.7	49.9546-13.7166i	-62.2874-52.0195i	-46.8866-31.1145i	-7.3228+4.4200i	-0.5219-0.3624i	6.2665-2.3307i	1.6374-1.7715i	0.5847+3.4527i
73.8	50.0570-14.3053i	-62.3332-52.1739i	-47.0262-30.4982i	-7.2964+4.5305i	-0.5120-0.3911i	6.1695-2.5152i	1.6379-1.8381i	0.7554+3.5132i
73.9	50.7113-15.5025i	-62.1444-51.8332i	-47.3909-28.7842i	-7.3868+4.8483i	-0.4983-0.4458i	6.1158-2.6969i	1.6647-1.9485i	0.9805+3.5391i
74.0	50.9695-15.9674i	-62.1231-50.8886i	-47.8782-27.6059i	-7.4554+4.9702i	-0.5069-0.4545i	5.9782-2.7972i	1.6319-1.9956i	1.2090+3.4834i
74.1	50.9172-16.3550i	-62.3696-50.0007i	-47.7666-26.9190i	-7.3907+5.0314i	-0.5438-0.4805i	5.9058-2.8539i	1.5687-2.0685i	1.4000+3.3744i
74.2	50.6524-16.0147i	-62.6451-48.3572i	-47.3968-26.4394i	-7.3495+4.9819i	-0.5505-0.4565i	5.8231-2.9143i	1.5075-1.9955i	1.5460+3.2663i
74.3	50.3252-16.4819i	-62.2929-47.1894i	-46.8296-24.6322i	-7.2168+5.0191i	-0.5793-0.4736i	5.7766-3.0791i	1.4252-2.0215i	1.6904+3.1147i
74.4	49.4749-17.1686i	-62.6768-48.1443i	-46.3485-22.7837i	-6.9801+4.9890i	-0.6243-0.5287i	5.6162-3.1355i	1.3060-2.1787i	1.8616+2.9756i
74.5	49.8643-17.4702i	-62.6687-47.9823i	-46.1543-21.6776i	-7.0295+5.0260i	-0.6538-0.5596i	5.6682-3.2765i	1.2519-2.2430i	1.9687+2.8662i
74.6	50.0630-17.8094i	-63.1639-46.8436i	-45.7161-21.6024i	-7.0780+5.1811i	-0.6778-0.5713i	5.7079-3.4324i	1.2100-2.2388i	2.0144+2.7643i
74.7	49.7651-18.6477i	-62.7442-45.8326i	-44.1458-19.9511i	-7.0331+5.2917i	-0.7219-0.5969i	5.5996-3.5642i	1.1199-2.2694i	2.0950+2.5448i
74.8	48.7301-18.1704i	-63.4894-45.1547i	-43.6895-19.4947i	-6.9153+5.1631i	-0.7816-0.5564i	5.5297-3.7644i	0.9815-2.2095i	2.1559+2.4553i
74.9	48.3801-18.3061i	-63.8533-44.4800i	-42.8434-18.9521i	-6.8042+5.2218i	-0.8522-0.5789i	5.5554-3.8603i	0.8788-2.2653i	2.2059+2.3837i

75.0	48.9864-18.7904i	-64.3643-44.0250i	-41.7608-17.2388i	-6.9285+5.2384i	-0.8848-0.5945i	5.3987-3.9936i	0.7873-2.2860i	2.2873+2.2461i
75.1	48.6629-18.7352i	-64.2794-43.3522i	-41.3869-16.5196i	-6.8269+5.1708i	-0.9322-0.5739i	5.3069-4.1491i	0.6584-2.2760i	2.3482+2.1536i
75.2	47.7916-19.2173i	-64.4234-42.9661i	-39.5408-14.8516i	-6.6610+5.2856i	-0.9999-0.5910i	5.0611-4.3212i	0.5288-2.2867i	2.4356+1.9524i
75.3	47.2479-19.0814i	-64.9949-42.3616i	-38.7369-14.2926i	-6.5917+5.2204i	-1.0569-0.5912i	4.9682-4.4496i	0.4325-2.2941i	2.4782+1.7874i
75.4	46.9258-19.8230i	-64.5171-41.2358i	-38.1587-13.2926i	-6.5019+5.2957i	-1.1233-0.5802i	4.9327-4.7817i	0.3244-2.3076i	2.4998+1.7005i
75.5	46.1840-19.8084i	-64.8025-40.6182i	-36.8445-12.6432i	-6.3482+5.2615i	-1.2016-0.5479i	4.7083-4.9583i	0.1585-2.2828i	2.5316+1.5683i
75.6	46.8418-19.1155i	-65.0576-39.9569i	-36.6073-12.8477i	-6.4530+5.2575i	-1.2164-0.5184i	4.5877-4.9675i	0.1457-2.2161i	2.5668+1.5213i
75.7	45.9947-17.5059i	-65.7322-38.4218i	-34.5603-13.1762i	-6.3028+4.8734i	-1.3267-0.3813i	4.3497-5.0709i	-0.1063-2.0166i	2.5642+1.3782i
75.8	45.3873-17.5301i	-66.9934-37.8167i	-33.6728-12.8512i	-6.2076+4.8107i	-1.4043-0.3536i	4.2332-5.2062i	-0.2246-2.0088i	2.5802+1.2713i
75.9	45.9898-17.1495i	-66.6144-36.9309i	-32.9186-12.6004i	-6.3574+4.6915i	-1.4232-0.2732i	3.9308-5.2499i	-0.3007-1.8835i	2.5671+1.1061i
76.0	45.8711-17.4409i	-66.4283-36.3537i	-32.1111-11.5907i	-6.3042+4.6193i	-1.4670-0.2578i	3.5829-5.3846i	-0.3934-1.8456i	2.5797+0.9758i
76.1	45.5402-16.6010i	-66.7176-35.2295i	-31.2999-11.8474i	-6.3038+4.4936i	-1.4839-0.1923i	3.4542-5.3953i	-0.4423-1.7410i	2.5478+0.8969i
76.2	45.8063-16.3098i	-66.2376-33.5364i	-31.1135-12.0783i	-6.3508+4.4620i	-1.5046-0.1151i	3.3248-5.4875i	-0.4965-1.6409i	2.5250+0.7967i
76.3	46.2159-15.9069i	-66.2617-33.1421i	-30.0893-11.5188i	-6.4268+4.3606i	-1.5154-0.0530i	3.1226-5.5300i	-0.5432-1.5659i	2.5263+0.7036i
76.4	46.4231-15.5277i	-67.2054-32.4215i	-28.9644-12.0155i	-6.4013+4.3145i	-1.5788+0.0222i	2.8888-5.5278i	-0.6397-1.4582i	2.5287+0.6358i
76.5	46.3520-15.3203i	-67.5012-30.6521i	-28.6832-12.5993i	-6.3789+4.2552i	-1.5879+0.1103i	2.7749-5.4362i	-0.6590-1.3205i	2.5509+0.5282i
76.6	46.4895-14.4031i	-67.7867-29.3430i	-27.9343-12.9640i	-6.4638+4.0708i	-1.6088+0.2169i	2.5574-5.4258i	-0.7443-1.2208i	2.5573+0.3456i
76.7	46.4948-14.2345i	-67.7015-27.9821i	-26.9649-12.6533i	-6.5609+4.0929i	-1.6528+0.2780i	2.3243-5.4437i	-0.8374-1.1462i	2.5001+0.2510i
76.8	47.1640-14.4359i	-66.9275-27.1499i	-27.2308-12.1271i	-6.6099+4.0830i	-1.6471+0.3061i	2.2287-5.5003i	-0.8130-1.1025i	2.4657+0.1884i
76.9	47.9685-13.1391i	-67.2088-25.6403i	-27.5476-13.4190i	-6.7182+3.8474i	-1.6400+0.4432i	2.2202-5.4977i	-0.8393-0.9497i	2.4423+0.1023i
77.0	48.3030-12.3787i	-66.6052-24.9499i	-27.0455-13.4885i	-6.7994+3.7439i	-1.6021+0.5336i	2.1123-5.4309i	-0.8567-0.8250i	2.4086+0.0239i
77.1	49.2097-11.3901i	-65.3821-23.6867i	-26.7229-13.5663i	-6.9676+3.5053i	-1.5196+0.6436i	1.9109-5.3033i	-0.8182-0.6271i	2.3842-0.1128i
77.2	49.5009-11.4425i	-65.7739-22.9281i	-26.6712-13.8929i	-7.0379+3.6061i	-1.5278+0.6891i	1.8703-5.3369i	-0.7983-0.5719i	2.3751-0.1900i
77.3	50.6113-11.9483i	-65.4531-21.5341i	-26.2000-14.2226i	-7.2600+3.7163i	-1.4892+0.7607i	1.7682-5.4140i	-0.7982-0.4662i	2.2778-0.2727i
77.4	51.5014-11.4958i	-64.5622-20.3031i	-26.2017-13.7707i	-7.4624+3.5888i	-1.3959+0.8260i	1.6184-5.4474i	-0.7584-0.3389i	2.1971-0.3812i
77.5	51.8775-10.7686i	-63.4354-19.7350i	-25.2165-13.1451i	-7.5380+3.4537i	-1.3387+0.8930i	1.4284-5.3913i	-0.7414-0.2298i	2.0551-0.4613i
77.6	52.7196-10.4726i	-62.9649-19.1157i	-25.3161-13.1068i	-7.6667+3.3617i	-1.2678+0.9493i	1.3280-5.5784i	-0.6691-0.1910i	2.0388-0.5506i
77.7	53.7291-10.4256i	-63.0664-18.7441i	-25.3174-13.1857i	-7.8453+3.3683i	-1.2567+0.9907i	1.2767-5.6153i	-0.6466-0.1895i	2.0085-0.6160i
77.8	55.3383-9.8208i	-62.6582-17.1218i	-25.9386-12.5598i	-8.0674+3.1527i	-1.1639+1.0818i	1.0387-5.7711i	-0.6582-0.1188i	1.9258-0.7459i
77.9	56.5627-9.5927i	-62.1029-16.7359i	-25.7164-12.4374i	-8.4374+3.0755i	-1.0381+1.0926i	0.8690-5.8468i	-0.5920-0.0518i	1.8255-0.8224i
78.0	57.2455-10.0882i	-62.2696-16.2024i	-24.9470-12.8632i	-8.6310+3.1786i	-1.0010+1.0988i	0.7227-5.7907i	-0.6442-0.0312i	1.7022-0.9024i
78.1	59.0555-9.3946i	-62.3867-14.8939i	-25.2132-12.8220i	-9.0113+3.0899i	-0.9261+1.0964i	0.4890-5.8744i	-0.6842+0.0066i	1.5685-0.9445i
78.2	60.1512-9.6858i	-62.0396-13.8038i	-25.0188-12.4452i	-9.2674+3.1968i	-0.8380+1.1118i	0.1925-5.8613i	-0.6985+0.0616i	1.4390-0.9804i
78.3	61.1342-10.4021i	-60.6720-12.8008i	-24.2172-12.1956i	-9.5533+3.4444i	-0.7713+1.0808i	-0.1507-5.7603i	-0.6984+0.1903i	1.2927-0.9372i
78.4	61.9587-10.5248i	-60.6320-11.6414i	-24.4826-11.8717i	-9.7836+3.5071i	-0.7318+1.1029i	-0.3828-5.7632i	-0.7629+0.2663i	1.2167-0.9604i
78.5	63.5157-10.6621i	-59.4575-10.2817i	-24.0511-11.4588i	-10.1234+3.5728i	-0.6532+1.0799i	-0.7353-5.6465i	-0.7595+0.4682i	1.1073-0.9087i
78.6	65.4692-11.0425i	-58.7113-8.8637i	-23.7224-11.9832i	-10.3930+3.7721i	-0.6295+1.0935i	-0.8991-5.5246i	-0.7440+0.6401i	1.0426-0.8578i
78.7	66.8718-12.5060i	-58.7620-8.5610i	-23.4535-11.9322i	-10.6038+4.1883i	-0.6018+1.0660i	-1.0755-5.3735i	-0.6562+0.7216i	1.0270-0.8516i
78.8	68.7272-13.0026i	-57.9028-7.3359i	-24.2399-12.3374i	-11.0231+4.4131i	-0.5109+1.0414i	-1.3275-5.3652i	-0.5309+0.9278i	0.9852-0.8324i
78.9	71.5161-14.1065i	-55.9710-5.7437i	-25.9344-13.8339i	-11.4009+4.8125i	-0.3219+0.9527i	-1.5531-5.3267i	-0.1734+1.1667i	0.9486-0.8307i
79.0	73.0589-18.8223i	-53.4972-7.0554i	-28.1518-11.4585i	-11.3690+5.8241i	-0.3316+0.6304i	-1.8561-5.0566i	0.3143+0.8973i	0.9071-0.8165i
79.1	70.2275-20.8419i	-55.5256-7.1010i	-27.6237-7.3888i	-10.6897+5.9351i	-0.6786+0.6870i	-2.1597-4.8076i	-0.0927+0.4699i	0.8296-0.8614i
79.2	69.5711-20.0498i	-56.4678-5.3777i	-25.4997-7.1358i	-10.6425+5.7223i	-0.7643+0.8920i	-2.2465-4.5633i	-0.3979+0.6515i	0.7350-0.8275i
79.3	71.2377-19.2472i	-56.0602-4.9084i	-24.2530-6.5659i	-10.9780+5.5433i	-0.7438+0.9750i	-2.3347-4.3404i	-0.4522+0.8644i	0.6566-0.7958i
79.4	72.6540-19.5021i	-54.8432-3.2698i	-23.6999-6.7436i	-11.2555+5.6356i	-0.6707+1.0214i	-2.4115-4.1325i	-0.3354+1.0439i	0.6036-0.7360i
79.5	72.7730-20.3956i	-53.6278-2.4297i	-22.8776-6.6195i	-11.2206+5.8329i	-0.6693+1.0513i	-2.5096-3.8970i	-0.2524+1.1407i	0.5855-0.6266i
79.6	74.3103-21.1947i	-53.3375-2.4432i	-22.3519-5.9787i	-11.4999+5.9636i	-0.6215+1.0748i	-2.5574-3.6495i	-0.0956+1.1777i	0.5814-0.5619i
79.7	76.5147-23.1132i	-52.8094-0.6481i	-21.8476-4.9446i	-12.0041+6.4868i	-0.5849+1.0999i	-2.7195-3.4262i	-0.0152+1.2249i	0.5756-0.5813i
79.8	78.9265-25.3169i	-51.3293+0.5250i	-21.1740-4.3573i	-12.3431+7.0552i	-0.5649+1.1097i	-2.8545-3.1130i	0.1129+1.3143i	0.5832-0.5474i
79.9	78.8601-26.1491i	-50.9082+0.6766i	-20.9432-4.5955i	-12.3199+7.0892i	-0.5258+1.0982i	-2.6994-2.9923i	0.1319+1.2948i	0.5736-0.5543i
80.0	79.2548-28.1940i	-49.5723+1.2602i	-20.1386-4.6472i	-12.2002+7.4245i	-0.4836+1.1271i	-2.6062-2.7303i	0.2146+1.2571i	0.6067-0.5513i

2.1.74 Run 7 – VT270 – Accels 9–16

Vertical shaking at 270°. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	1.3164+0.0000i	-4.7718+0.0000i	-3.0516+0.0000i	4.4349+0.0000i	2.9602+0.0000i	1.4119+0.0000i	-3.2961+0.0000i	6.7587+0.0000i
0.1	-0.5068+0.5025i	-0.5940-0.1622i	-0.1281-0.5712i	0.5372+0.1994i	0.1534+0.3425i	0.3498+0.2452i	-0.4630-0.3033i	1.0339+0.3164i
0.2	-0.1762-0.2070i	0.0760+0.1710i	-0.0559-0.0657i	-0.1686-0.0281i	-0.3214+0.0098i	0.2197+0.1727i	0.1112-0.1044i	0.2948+0.0979i
0.3	0.0338-0.0944i	0.0217+0.0309i	-0.0934+0.0006i	-0.0042-0.0078i	-0.0689-0.0736i	0.1175-0.0410i	0.0147-0.0609i	0.1000-0.0531i
0.4	0.0672+0.0157i	-0.0071-0.0174i	0.0315+0.0369i	0.0098+0.0207i	-0.0020+0.0390i	0.0239-0.0232i	-0.0059-0.0091i	-0.0047-0.0109i
0.5	-0.0095+0.0277i	-0.0190-0.0066i	0.0214-0.0039i	0.0165+0.0115i	0.0180+0.0295i	0.0078-0.0279i	0.0039-0.0060i	-0.0150-0.0055i
0.6	0.0050-0.0019i	-0.0292+0.0045i	-0.0075-0.0051i	0.0054+0.0005i	-0.0052+0.0065i	0.0008-0.0013i	-0.0005+0.0027i	0.0007+0.0005i
0.7	-0.0065+0.0032i	-0.0269-0.0022i	-0.0065-0.0049i	-0.0003-0.0041i	-0.0038-0.0017i	-0.0048+0.0034i	-0.0015-0.0008i	-0.0055+0.0053i
0.8	-0.0025+0.0027i	-0.0258-0.0030i	-0.0021-0.0010i	0.0018-0.0017i	0.0002-0.0036i	0.0005+0.0009i	0.0011-0.0031i	-0.0071+0.0058i
0.9	-0.0001-0.0015i	-0.0394+0.0037i	-0.0015+0.0020i	-0.0005+0.0016i	-0.0059-0.0000i	-0.0003-0.0032i	0.0000-0.0022i	-0.0079+0.0004i
1.0	-0.0005+0.0018i	-0.0406+0.0007i	-0.0015+0.0013i	-0.0003+0.0022i	-0.0111-0.0018i	-0.0021-0.0019i	-0.0003+0.0010i	-0.0100-0.0005i
1.1	0.0002+0.0012i	-0.0418-0.0063i	-0.0022+0.0003i	-0.0002-0.0009i	-0.0093-0.0007i	-0.0033+0.0011i	0.0002-0.0004i	-0.0118+0.0005i
1.2	-0.0005-0.0002i	-0.0492-0.0110i	-0.0048-0.0020i	-0.0002-0.0027i	-0.0115-0.0028i	-0.0048-0.0012i	0.0025-0.0016i	-0.0154-0.0025i
1.3	0.0007-0.0000i	-0.0579-0.0129i	-0.0044-0.0004i	-0.0001-0.0006i	-0.0133-0.0037i	-0.0069-0.0011i	-0.0002-0.0004i	-0.0136-0.0008i
1.4	0.0007-0.0011i	-0.0686-0.0130i	-0.0072+0.0001i	-0.0022+0.0001i	-0.0168-0.0027i	-0.0063+0.0001i	-0.0024-0.0001i	-0.0175+0.0015i
1.5	-0.0017-0.0018i	-0.0738-0.0086i	-0.0068-0.0008i	-0.0049+0.0017i	-0.0199-0.0007i	-0.0042+0.0002i	-0.0029+0.0042i	-0.0200+0.0009i
1.6	-0.0027-0.0020i	-0.0882-0.0125i	-0.0062+0.0002i	-0.0024+0.0035i	-0.0212-0.0018i	-0.0115-0.0013i	-0.0005+0.0066i	-0.0228-0.0002i
1.7	-0.0046-0.0021i	-0.1017-0.0099i	-0.0101-0.0017i	-0.0032-0.0005i	-0.0261-0.0027i	-0.0151-0.0014i	-0.0017+0.0027i	-0.0257-0.0011i
1.8	-0.0062+0.0045i	-0.1139-0.0028i	-0.0161-0.0024i	-0.0161+0.0023i	-0.0313-0.0004i	-0.0137-0.0009i	-0.0138+0.0039i	-0.0310+0.0028i
1.9	-0.0044+0.0113i	-0.1301+0.0095i	-0.0217+0.0015i	-0.0129+0.0209i	-0.0346-0.0020i	-0.0199-0.0016i	-0.0095+0.0213i	-0.0354+0.0005i
2.0	0.0002+0.0149i	-0.1367+0.0124i	-0.0255+0.0015i	-0.0039+0.0295i	-0.0370-0.0033i	-0.0248-0.0033i	-0.0011+0.0309i	-0.0392-0.0009i
2.1	0.0194+0.0103i	-0.1424+0.0048i	-0.0376-0.0016i	0.0301+0.0218i	-0.0452-0.0025i	-0.0414-0.0045i	0.0328+0.0218i	-0.0465-0.0029i
2.2	0.0218-0.0032i	-0.1639-0.0028i	-0.0547+0.0024i	0.0342-0.0046i	-0.0526-0.0015i	-0.0594+0.0028i	0.0355-0.0064i	-0.0528-0.0017i
2.3	0.0012-0.0044i	-0.2457+0.0228i	-0.1136+0.0367i	-0.0052-0.0051i	-0.0678+0.0050i	-0.1104+0.0378i	-0.0047-0.0078i	-0.0703+0.0068i
2.4	0.0067+0.0064i	-0.1464+0.1706i	0.0186+0.2065i	0.0081+0.0202i	-0.0462+0.0399i	0.0167+0.1990i	0.0074+0.0164i	-0.0500+0.0393i
2.5	0.0146+0.0041i	-0.0408+0.1324i	0.1608+0.1568i	0.0271+0.0125i	-0.0224+0.0294i	0.1512+0.1508i	0.0261+0.0104i	-0.0263+0.0287i
2.6	0.0102-0.0008i	-0.1091+0.0196i	0.0926+0.0269i	0.0155-0.0010i	-0.0401+0.0036i	0.0875+0.0249i	0.0157-0.0015i	-0.0428+0.0027i
2.7	0.0090-0.0003i	-0.1427+0.0038i	0.0667+0.0079i	0.0113-0.0024i	-0.0501-0.0020i	0.0631+0.0084i	0.0115-0.0008i	-0.0544+0.0002i
2.8	0.0078-0.0017i	-0.1735+0.0000i	0.0493+0.0040i	0.0091-0.0027i	-0.0603-0.0046i	0.0450+0.0071i	0.0092-0.0015i	-0.0654-0.0004i
2.9	0.0076-0.0011i	-0.2013-0.0005i	0.0395+0.0060i	0.0094-0.0018i	-0.0687-0.0029i	0.0367+0.0073i	0.0103-0.0023i	-0.0732-0.0009i
3.0	0.0094-0.0005i	-0.2168+0.0001i	0.0335+0.0054i	0.0132-0.0027i	-0.0768-0.0035i	0.0303+0.0064i	0.0148-0.0039i	-0.0811-0.0017i
3.1	0.0083-0.0023i	-0.2259-0.0021i	0.0289+0.0074i	0.0107-0.0066i	-0.0871-0.0053i	0.0264+0.0091i	0.0100-0.0058i	-0.0880-0.0028i
3.2	0.0077-0.0042i	-0.2422-0.0003i	0.0300+0.0124i	0.0070-0.0068i	-0.0937-0.0049i	0.0278+0.0090i	0.0074-0.0045i	-0.0961-0.0000i
3.3	0.0096-0.0064i	-0.2649-0.0149i	0.0321+0.0078i	0.0055-0.0065i	-0.1027-0.0086i	0.0304+0.0064i	0.0067-0.0059i	-0.1061+0.0004i
3.4	0.0064-0.0041i	-0.2785-0.0167i	0.0300+0.0052i	0.0033-0.0095i	-0.1125-0.0056i	0.0278+0.0075i	0.0042-0.0077i	-0.1138-0.0034i
3.5	0.0037-0.0023i	-0.2954-0.0181i	0.0275+0.0031i	0.0004-0.0071i	-0.1192-0.0078i	0.0262+0.0075i	-0.0025-0.0049i	-0.1239-0.0066i
3.6	0.0094+0.0061i	-0.3199-0.0111i	0.0336+0.0021i	0.0124+0.0029i	-0.1367+0.0022i	0.0302+0.0077i	0.0010+0.0085i	-0.1417+0.0011i
3.7	0.0134+0.0019i	-0.3720-0.0159i	0.0276+0.0000i	0.0138+0.0078i	-0.1474+0.0071i	0.0276-0.0020i	0.0068+0.0020i	-0.1483+0.0055i
3.8	0.0161-0.0000i	-0.4011-0.0147i	0.0260-0.0001i	0.0140+0.0018i	-0.1572+0.0022i	0.0238-0.0017i	0.0143+0.0012i	-0.1609+0.0036i
3.9	0.0139-0.0011i	-0.4196-0.0131i	0.0263-0.0008i	0.0115-0.0027i	-0.1672+0.0004i	0.0222-0.0009i	0.0144-0.0012i	-0.1718+0.0005i
4.0	0.0118-0.0010i	-0.4362-0.0104i	0.0254-0.0009i	0.0086-0.0019i	-0.1757-0.0012i	0.0215-0.0009i	0.0116-0.0012i	-0.1815-0.0004i
4.1	0.0102+0.0010i	-0.4572-0.0107i	0.0247-0.0007i	0.0067+0.0008i	-0.1878-0.0035i	0.0211-0.0007i	0.0097+0.0011i	-0.1937-0.0028i
4.2	0.0113+0.0019i	-0.4822-0.0082i	0.0244-0.0004i	0.0069+0.0026i	-0.2027-0.0017i	0.0217-0.0001i	0.0094+0.0024i	-0.2098-0.0012i
4.3	0.0111+0.0028i	-0.5079-0.0049i	0.0241-0.0002i	0.0065+0.0043i	-0.2205-0.0011i	0.0210-0.0004i	0.0086+0.0044i	-0.2286-0.0013i
4.4	0.0123+0.0056i	-0.5375-0.0016i	0.0238-0.0006i	0.0067+0.0079i	-0.2422-0.0038i	0.0205-0.0009i	0.0097+0.0079i	-0.2502-0.0030i
4.5	0.0136+0.0079i	-0.5685-0.0052i	0.0216-0.0005i	0.0054+0.0119i	-0.2648-0.0056i	0.0189-0.0009i	0.0095+0.0125i	-0.2716-0.0041i
4.6	0.0133+0.0126i	-0.5943-0.0042i	0.0192+0.0008i	0.0039+0.0199i	-0.2874-0.0061i	0.0166-0.0012i	0.0080+0.0204i	-0.2954-0.0065i
4.7	0.0245+0.0219i	-0.6213+0.0183i	0.0195+0.0060i	0.0168+0.0332i	-0.3157+0.0041i	0.0143+0.0024i	0.0216+0.0337i	-0.3227+0.0028i
4.8	0.0572+0.0147i	-0.6157+0.0094i	0.0369+0.0030i	0.0710+0.0243i	-0.3244+0.0129i	0.0318+0.0001i	0.0747+0.0250i	-0.3290+0.0137i
4.9	0.0533-0.0063i	-0.6376-0.0366i	0.0374-0.0087i	0.0689-0.0090i	-0.3404-0.0062i	0.0300-0.0084i	0.0725-0.0111i	-0.3471-0.0063i
5.0	0.0256-0.0156i	-0.7583-0.0363i	0.0232-0.0008i	0.0202-0.0244i	-0.4179-0.0141i	0.0175+0.0002i	0.0234-0.0239i	-0.4270-0.0159i
5.1	0.0248-0.0114i	-0.7764-0.0227i	0.0302+0.0027i	0.0177-0.0170i	-0.4442-0.0117i	0.0243+0.0032i	0.0240-0.0167i	-0.4529-0.0126i
5.2	0.0230-0.0119i	-0.7885-0.0404i	0.0368-0.0082i	0.0129-0.0188i	-0.4687-0.0200i	0.0313-0.0079i	0.0207-0.0202i	-0.4767-0.0203i
5.3	0.0161-0.0105i	-0.8553-0.0886i	0.0261-0.0332i	-0.0026-0.0192i	-0.5422-0.0297i	0.0198-0.0308i	0.0047-0.0225i	-0.5523-0.0296i
5.4	0.0213+0.0052i	-0.9985-0.0365i	-0.0176-0.0043i	0.0008+0.0028i	-0.6389+0.0267i	-0.0227-0.0029i	0.0092+0.0017i	-0.6488+0.0279i
5.5	0.0262+0.0079i	-1.0341+0.0178i	0.0027+0.0218i	0.0086+0.0118i	-0.6788+0.0586i	-0.0022+0.0211i	0.0167+0.0072i	-0.6881+0.0575i
5.6	0.0285+0.0122i	-1.0723+0.0348i	0.0105+0.0216i	0.0064+0.0216i	-0.7360+0.0628i	0.0041+0.0200i	0.0163+0.0193i	-0.7455+0.0626i

5.7	0.0374+0.0170i	-1.1078+0.0424i	0.0118+0.0238i	0.0205+0.0312i	-0.7992+0.0667i	0.0040+0.0217i	0.0310+0.0292i	-0.8113+0.0671i
5.8	0.0462+0.0115i	-1.1513+0.0604i	0.0196+0.0312i	0.0332+0.0241i	-0.8737+0.1049i	0.0092+0.0297i	0.0451+0.0210i	-0.8839+0.1051i
5.9	0.0542+0.0062i	-1.1905+0.0611i	0.0294+0.0343i	0.0439+0.0155i	-0.9438+0.1155i	0.0165+0.0325i	0.0571+0.0129i	-0.9533+0.1158i
6.0	0.0582-0.0025i	-1.2401+0.0488i	0.0373+0.0322i	0.0499-0.0004i	-1.0376+0.1162i	0.0226+0.0318i	0.0641-0.0028i	-1.0468+0.1162i
6.1	0.0552-0.0079i	-1.3133+0.0499i	0.0406+0.0302i	0.0402-0.0096i	-1.1548+0.1397i	0.0257+0.0306i	0.0559-0.0133i	-1.1644+0.1393i
6.2	0.0528-0.0071i	-1.4312+0.0691i	0.0447+0.0334i	0.0271-0.0091i	-1.3526+0.1919i	0.0301+0.0354i	0.0453-0.0137i	-1.3622+0.1905i
6.3	0.0547-0.0049i	-1.5173+0.0912i	0.0500+0.0360i	0.0225-0.0035i	-1.5219+0.2439i	0.0344+0.0379i	0.0433-0.0081i	-1.5303+0.2422i
6.4	0.0579-0.0039i	-1.6159+0.1195i	0.0552+0.0380i	0.0194+0.0007i	-1.7279+0.3139i	0.0378+0.0404i	0.0433-0.0044i	-1.7346+0.3121i
6.5	0.0644-0.0027i	-1.7448+0.1442i	0.0631+0.0405i	0.0190+0.0058i	-2.0105+0.3942i	0.0427+0.0429i	0.0463-0.0011i	-2.0140+0.3914i
6.6	0.0749-0.0019i	-1.9186+0.2109i	0.0771+0.0494i	0.0207+0.0147i	-2.4240+0.5647i	0.0542+0.0527i	0.0535+0.0045i	-2.4237+0.5601i
6.7	0.0864-0.0044i	-2.0738+0.3029i	0.0941+0.0575i	0.0247+0.0197i	-2.8305+0.7857i	0.0677+0.0633i	0.0628+0.0065i	-2.8262+0.7795i
6.8	0.1090-0.0125i	-2.3861+0.4556i	0.1253+0.0585i	0.0284+0.0236i	-3.6975+1.2453i	0.0919+0.0679i	0.0783+0.0030i	-3.6826+1.2333i
6.9	0.1302-0.0278i	-2.6812+0.6938i	0.1629+0.0538i	0.0314+0.0206i	-4.5798+1.9706i	0.1235+0.0693i	0.0914-0.0109i	-4.5511+1.9468i
7.0	0.1471-0.0774i	-2.9351+1.5029i	0.2356+0.0173i	0.0203+0.0241i	-5.4072+4.4300i	0.1928+0.0533i	0.0896-0.0424i	-5.3677+4.3715i
7.1	0.1391-0.1332i	-2.7979+2.4382i	0.2889-0.0652i	0.0060+0.0477i	-5.0267+7.4014i	0.2526-0.0087i	0.0679-0.0583i	-4.9953+7.3013i
7.2	0.0653-0.1740i	-1.3105+3.1064i	0.2240-0.2416i	0.0621+0.1079i	-0.3498+9.8488i	0.2189-0.1778i	0.0580-0.0269i	-0.3844+9.7175i
7.3	0.0072-0.1784i	-0.1598+2.8446i	0.1012-0.3067i	0.1359+0.0788i	3.4520+9.3035i	0.1165-0.2471i	0.0797-0.0453i	3.3638+9.1798i
7.4	-0.0542-0.1560i	0.5765+2.0036i	-0.0129-0.2719i	0.1289-0.0037i	6.0719+6.8207i	0.0207-0.2246i	0.0387-0.0909i	5.9408+6.7294i
7.5	-0.0712-0.0963i	0.5139+1.0771i	-0.0560-0.1971i	0.0934-0.0112i	6.1925+3.9082i	-0.0199-0.1711i	0.0050-0.0585i	6.0553+3.8607i
7.6	-0.0523-0.0564i	0.0820+0.5655i	-0.0614-0.1452i	0.0870+0.0004i	5.1235+2.2497i	-0.0333-0.1320i	0.0149-0.0252i	5.0017+2.2282i
7.7	-0.0331-0.0462i	-0.2508+0.4290i	-0.0447-0.1201i	0.0868-0.0003i	4.2418+1.7381i	-0.0231-0.1108i	0.0271-0.0203i	4.1294+1.7243i
7.8	-0.0263-0.0467i	-0.4346+0.4142i	-0.0408-0.1134i	0.0829-0.0020i	3.8269+1.6087i	-0.0228-0.1050i	0.0299-0.0215i	3.7176+1.6010i
7.9	-0.0320-0.0432i	-0.4501+0.3657i	-0.0457-0.1083i	0.0785-0.0001i	3.8347+1.4497i	-0.0273-0.1004i	0.0259-0.0171i	3.7258+1.4450i
8.0	-0.0293-0.0296i	-0.5377+0.2283i	-0.0539-0.0945i	0.0849+0.0056i	3.6906+1.0495i	-0.0374-0.0898i	0.0350-0.0056i	3.5847+1.0489i
8.1	-0.0262-0.0258i	-0.6418+0.1380i	-0.0611-0.0932i	0.0902+0.0028i	3.5356+0.8323i	-0.0466-0.0894i	0.0422-0.0059i	3.4314+0.8345i
8.2	-0.0278-0.0202i	-0.6990+0.0306i	-0.0693-0.0879i	0.0911+0.0023i	3.4966+0.6033i	-0.0553-0.0854i	0.0431-0.0040i	3.3922+0.6094i
8.3	-0.0269-0.0126i	-0.7932-0.0628i	-0.0761-0.0757i	0.0939+0.0037i	3.3888+0.3726i	-0.0648-0.0739i	0.0472-0.0004i	3.2844+0.3815i
8.4	-0.0242-0.0075i	-0.8788-0.1060i	-0.0787-0.0657i	0.0976+0.0037i	3.2773+0.2486i	-0.0694-0.0644i	0.0530+0.0010i	3.1727+0.2591i
8.5	-0.0228-0.0009i	-0.9423-0.1584i	-0.0836-0.0560i	0.1019+0.0046i	3.2146+0.1276i	-0.0752-0.0550i	0.0588+0.0043i	3.1090+0.1371i
8.6	-0.0224+0.0048i	-0.9616-0.2283i	-0.0855-0.0468i	0.1078+0.0048i	3.2254-0.0025i	-0.0790-0.0471i	0.0639+0.0057i	3.1160+0.0096i
8.7	-0.0231+0.0113i	-0.9425-0.3229i	-0.0924-0.0369i	0.1148+0.0028i	3.2911-0.1645i	-0.0874-0.0378i	0.0707+0.0063i	3.1784-0.1506i
8.8	-0.0260+0.0199i	-0.8897-0.4505i	-0.1007-0.0266i	0.1216-0.0004i	3.4112-0.3565i	-0.0968-0.0281i	0.0768+0.0048i	3.2938-0.3419i
8.9	-0.0279+0.0314i	-0.8530-0.6742i	-0.1034-0.0134i	0.1247-0.0053i	3.5017-0.6739i	-0.1001-0.0149i	0.0783+0.0031i	3.3784-0.6530i
9.0	-0.0262+0.0469i	-0.9108-0.9759i	-0.1049+0.0022i	0.1278-0.0088i	3.4818-1.0747i	-0.1030+0.0004i	0.0821+0.0061i	3.3579-1.0480i
9.1	-0.0173+0.0649i	-1.0756-1.2701i	-0.0976+0.0208i	0.1333-0.0122i	3.3076-1.4627i	-0.0957+0.0190i	0.0885+0.0082i	3.1839-1.4334i
9.2	-0.0197+0.0833i	-0.8924-1.6224i	-0.1093+0.0277i	0.1387-0.0181i	3.5879-1.8593i	-0.1064+0.0260i	0.0900+0.0076i	3.4564-1.8236i
9.3	0.0024+0.1273i	-1.2075-2.7180i	-0.1180+0.0752i	0.1357-0.0322i	3.3354-3.2081i	-0.1143+0.0704i	0.0920+0.0117i	3.2035-3.1517i
9.4	0.0621+0.1468i	-2.4451-3.4419i	-0.0789+0.1246i	0.1222-0.0362i	1.9080-4.1097i	-0.0781+0.1156i	0.0986+0.0175i	1.7911-4.0434i
9.5	0.1322+0.1211i	-4.1716-3.2079i	-0.0041+0.1365i	0.1110-0.0236i	-0.0725-3.8117i	-0.0103+0.1245i	0.1142+0.0241i	-0.1714-3.7532i
9.6	0.1417+0.0797i	-4.7127-2.3117i	0.0298+0.1040i	0.1154-0.0114i	-0.6482-2.7187i	0.0199+0.0938i	0.1251+0.0216i	-0.7449-2.6745i
9.7	0.1396+0.0507i	-4.9277-1.5772i	0.0438+0.0765i	0.1249-0.0030i	-0.7918-1.8135i	0.0304+0.0701i	0.1362+0.0189i	-0.8955-1.7797i
9.8	0.1336+0.0339i	-4.9080-1.1009i	0.0439+0.0552i	0.1369+0.0001i	-0.6214-1.2507i	0.0293+0.0514i	0.1449+0.0145i	-0.7335-1.2201i
9.9	0.1257+0.0239i	-4.8622-0.7781i	0.0412+0.0386i	0.1480+0.0004i	-0.4281-0.8596i	0.0253+0.0365i	0.1531+0.0096i	-0.5480-0.8303i
10.0	0.1226+0.0214i	-4.8441-0.6111i	0.0394+0.0304i	0.1561-0.0021i	-0.2941-0.6613i	0.0227+0.0298i	0.1603+0.0064i	-0.4209-0.6314i
10.1	0.1208+0.0179i	-4.8457-0.4653i	0.0363+0.0249i	0.1654-0.0065i	-0.1385-0.5059i	0.0188+0.0272i	0.1674-0.0011i	-0.2720-0.4738i
10.2	0.1211+0.0157i	-4.8822-0.4003i	0.0344+0.0217i	0.1715-0.0089i	-0.0435-0.4228i	0.0178+0.0252i	0.1707-0.0059i	-0.1840-0.3864i
10.3	0.1213+0.0112i	-4.9409-0.3667i	0.0349+0.0196i	0.1753-0.0095i	0.0308-0.3663i	0.0175+0.0234i	0.1734-0.0076i	-0.1099-0.3223i
10.4	0.1176+0.0124i	-5.0817-0.3565i	0.0373+0.0171i	0.1824-0.0054i	0.0894-0.2984i	0.0199+0.0216i	0.1801-0.0035i	-0.0490-0.2612i
10.5	0.1196+0.0181i	-5.2108-0.3386i	0.0385+0.0141i	0.1906-0.0032i	0.1258-0.2491i	0.0210+0.0195i	0.1881-0.0011i	-0.0199-0.2191i
10.6	0.1261+0.0201i	-5.3822-0.2800i	0.0391+0.0106i	0.2034-0.0021i	0.1632-0.1972i	0.0208+0.0167i	0.1991-0.0004i	0.0078-0.1678i
10.7	0.1344+0.0197i	-5.5217-0.2092i	0.0390+0.0081i	0.2148-0.0017i	0.2069-0.1561i	0.0212+0.0131i	0.2100-0.0020i	0.0409-0.1256i
10.8	0.1391+0.0192i	-5.6578-0.1393i	0.0389+0.0061i	0.2269-0.0039i	0.2577-0.1239i	0.0194+0.0115i	0.2211-0.0063i	0.0842-0.0893i
10.9	0.1442+0.0194i	-5.7963-0.0968i	0.0379+0.0030i	0.2388-0.0059i	0.3021-0.0947i	0.0167+0.0097i	0.2329-0.0091i	0.1209-0.0589i
11.0	0.1490+0.0174i	-5.9591-0.0776i	0.0373+0.0009i	0.2543-0.0095i	0.3441-0.0804i	0.0145+0.0085i	0.2481-0.0117i	0.1554-0.0444i
11.1	0.1532+0.0159i	-6.0923-0.0622i	0.0371-0.0002i	0.2658-0.0124i	0.3676-0.0714i	0.0127+0.0083i	0.2593-0.0140i	0.1726-0.0357i
11.2	0.1591+0.0146i	-6.2473-0.0602i	0.0376-0.0023i	0.2778-0.0182i	0.3921-0.0594i	0.0118+0.0078i	0.2714-0.0192i	0.1897-0.0223i
11.3	0.1676+0.0153i	-6.5121-0.0777i	0.0377-0.0034i	0.2945-0.0234i	0.4227-0.0418i	0.0098+0.0075i	0.2866-0.0241i	0.2070-0.0071i
11.4	0.1715+0.0150i	-6.7109-0.0528i	0.0368-0.0032i	0.3055-0.0282i	0.4432-0.0361i	0.0082+0.0080i	0.2969-0.0306i	0.2170-0.0014i
11.5	0.1747+0.0127i	-6.9236-0.0086i	0.0362-0.0037i	0.3169-0.0304i	0.4645-0.0314i	0.0069+0.0082i	0.3084-0.0335i	0.2277+0.0031i
11.6	0.1810+0.0107i	-7.1784-0.0066i	0.0364-0.0037i	0.3325-0.0329i	0.4868-0.0253i	0.0043+0.0084i	0.3246-0.0348i	0.2398+0.0095i
11.7	0.1864+0.0109i	-7.4325-0.0012i	0.0364-0.0042i	0.3500-0.0359i	0.5123-0.0194i	0.0031+0.0078i	0.3411-0.0367i	0.2489+0.0167i
11.8	0.1903+0.0108i	-7.6961+0.0144i	0.0385-0.0058i	0.3699-0.0413i	0.5354-0.0162i	0.0019+0.0082i	0.3595-0.0407i	0.2559+0.0208i
11.9	0.1968+0.0108i	-7.9684+0.0663i	0.0405-0.0063i	0.3940-0.0496i	0.5537-0.0142i	-0.0009+0.0092i	0.3837-0.0503i	0.2570+0.0256i

12.0	0.2035+0.0122i	-8.2655+0.0618i	0.0426-0.0064i	0.4214-0.0575i	0.5699-0.0133i	-0.0040+0.0112i	0.4114-0.0593i	0.2570+0.0271i
12.1	0.2081+0.0146i	-8.6436+0.0369i	0.0449-0.0073i	0.4562-0.0701i	0.5896-0.0076i	-0.0076+0.0136i	0.4453-0.0731i	0.2560+0.0342i
12.2	0.2126+0.0160i	-8.9674+0.0920i	0.0476-0.0098i	0.4847-0.0915i	0.6057-0.0055i	-0.0094+0.0161i	0.4736-0.0926i	0.2519+0.0410i
12.3	0.2186+0.0204i	-9.3557+0.1269i	0.0498-0.0138i	0.5157-0.1203i	0.6245-0.0048i	-0.0111+0.0207i	0.5049-0.1218i	0.2456+0.0473i
12.4	0.2227+0.0276i	-9.7639+0.1682i	0.0516-0.0187i	0.5476-0.1573i	0.6435-0.0027i	-0.0150+0.0261i	0.5369-0.1578i	0.2368+0.0581i
12.5	0.2273+0.0401i	-10.1866+0.2459i	0.0544-0.0254i	0.5745-0.2061i	0.6624-0.0026i	-0.0161+0.0326i	0.5634-0.2062i	0.2314+0.0715i
12.6	0.2379+0.0546i	-10.5767+0.3227i	0.0550-0.0331i	0.5830-0.2562i	0.6810-0.0067i	-0.0145+0.0394i	0.5709-0.2570i	0.2280+0.0798i
12.7	0.2643+0.0724i	-11.0834+0.4862i	0.0498-0.0431i	0.5690-0.3225i	0.7095-0.0066i	-0.0087+0.0495i	0.5566-0.3228i	0.2280+0.0996i
12.8	0.2908+0.0918i	-11.5023+0.5881i	0.0439-0.0520i	0.5489-0.3831i	0.7278-0.0113i	-0.0027+0.0583i	0.5360-0.3830i	0.2241+0.1077i
12.9	0.3328+0.0954i	-12.0250+0.7250i	0.0330-0.0573i	0.4996-0.4113i	0.7514-0.0148i	0.0085+0.0596i	0.4866-0.4106i	0.2260+0.1223i
13.0	0.3806+0.0903i	-12.4879+0.8004i	0.0196-0.0568i	0.4309-0.4066i	0.7767-0.0218i	0.0208+0.0566i	0.4213-0.4059i	0.2323+0.1318i
13.1	0.4137+0.0769i	-12.9148+0.9095i	0.0113-0.0545i	0.3931-0.3851i	0.7997-0.0260i	0.0273+0.0512i	0.3844-0.3854i	0.2363+0.1365i
13.2	0.4504+0.0613i	-13.5116+0.8502i	0.0026-0.0490i	0.3705-0.3386i	0.8289-0.0209i	0.0331+0.0425i	0.3616-0.3407i	0.2400+0.1409i
13.3	0.4832+0.0399i	-14.3074+0.8416i	-0.0032-0.0401i	0.3917-0.2770i	0.8700-0.0261i	0.0324+0.0310i	0.3815-0.2793i	0.2368+0.1393i
13.4	0.5058+0.0181i	-14.9612+0.9467i	-0.0051-0.0326i	0.4202-0.2382i	0.9023-0.0345i	0.0288+0.0252i	0.4100-0.2436i	0.2304+0.1429i
13.5	0.5252+0.0009i	-15.7145+1.0442i	-0.0045-0.0285i	0.4667-0.2160i	0.9443-0.0475i	0.0236+0.0215i	0.4541-0.2223i	0.2304+0.1461i
13.6	0.5519-0.0151i	-16.7279+1.2444i	-0.0020-0.0208i	0.5360-0.1924i	0.9887-0.0743i	0.0159+0.0170i	0.5216-0.1988i	0.2189+0.1381i
13.7	0.5868-0.0264i	-17.8716+1.3186i	0.0005-0.0145i	0.6093-0.1811i	1.0206-0.0981i	0.0106+0.0194i	0.5916-0.1862i	0.1924+0.1312i
13.8	0.6212-0.0475i	-18.9891+1.6061i	0.0045-0.0105i	0.6842-0.1886i	1.0466-0.1260i	0.0062+0.0205i	0.6663-0.1919i	0.1599+0.1321i
13.9	0.6513-0.0680i	-19.9991+1.9358i	0.0069-0.0104i	0.7456-0.2059i	1.0818-0.1432i	0.0019+0.0205i	0.7270-0.2082i	0.1351+0.1412i
14.0	0.6954-0.0957i	-21.4284+2.3149i	0.0111-0.0083i	0.8290-0.2313i	1.1269-0.1618i	-0.0028+0.0224i	0.8094-0.2324i	0.0941+0.1599i
14.1	0.7342-0.1302i	-22.8058+2.8862i	0.0140-0.0034i	0.9053-0.2603i	1.1723-0.1857i	-0.0065+0.0281i	0.8839-0.2612i	0.0636+0.1839i
14.2	0.7702-0.1665i	-24.2679+3.6136i	0.0162-0.0043i	0.9886-0.3032i	1.2238-0.2238i	-0.0119+0.0312i	0.9657-0.3036i	0.0294+0.2112i
14.3	0.8154-0.2044i	-26.0253+4.2942i	0.0153-0.0099i	1.0927-0.3517i	1.2927-0.2646i	-0.0198+0.0294i	1.0680-0.3498i	-0.0145+0.2422i
14.4	0.8766-0.2528i	-28.2678+5.2667i	0.0169-0.0089i	1.2162-0.4080i	1.3809-0.3361i	-0.0285+0.0327i	1.1916-0.4042i	-0.0592+0.2577i
14.5	0.9302-0.3118i	-30.4120+6.4756i	0.0191-0.0106i	1.3422-0.4860i	1.4582-0.4152i	-0.0375+0.0380i	1.3129-0.4813i	-0.1058+0.3008i
14.6	0.9745-0.3881i	-32.3070+8.0063i	0.0167-0.0137i	1.4520-0.5916i	1.5237-0.5148i	-0.0486+0.0442i	1.4209-0.5856i	-0.1440+0.3498i
14.7	0.9959-0.5280i	-34.5966+11.1041i	0.0125-0.0157i	1.5842-0.7993i	1.5580-0.7342i	-0.0643+0.0573i	1.5542-0.7875i	-0.1870+0.4128i
14.8	0.9601-0.6131i	-35.4944+13.2900i	0.0044-0.0090i	1.6361-0.9751i	1.5034-0.8791i	-0.0780+0.0783i	1.6090-0.9596i	-0.1957+0.4506i
14.9	0.9171-0.6313i	-36.9996+14.6566i	-0.0003+0.0131i	1.6768-1.1261i	1.3936-0.8961i	-0.0901+0.1167i	1.6528-1.1076i	-0.2593+0.5085i
15.0	0.9334-0.5877i	-39.2220+15.1346i	0.0047+0.0402i	1.7367-1.2155i	1.3780-0.8298i	-0.0898+0.1644i	1.7140-1.1969i	-0.3396+0.5430i
15.1	1.0465-0.5701i	-42.9955+16.4757i	0.0300+0.0591i	1.8436-1.3410i	1.4826-0.8153i	-0.0587+0.2070i	1.8219-1.3229i	-0.4483+0.5920i
15.2	1.2228-0.6605i	-47.9712+20.4614i	0.0760+0.0531i	1.9473-1.5060i	1.6460-0.8731i	0.0029+0.2093i	1.9267-1.4844i	-0.5873+0.7406i
15.3	1.4407-0.8123i	-55.1883+25.0897i	0.1172+0.0340i	2.2056-1.6811i	1.8817-0.9761i	0.0415+0.1927i	2.1827-1.6546i	-0.7791+0.9317i
15.4	1.6749-1.0878i	-63.9382+33.0664i	0.1423+0.0055i	2.5998-2.0177i	2.1902-1.2266i	0.0483+0.1729i	2.5793-1.9859i	-0.9752+1.2349i
15.5	1.8267-1.5585i	-70.9656+47.9540i	0.1586-0.0323i	2.9530-2.7125i	2.4532-1.6954i	0.0435+0.1680i	2.9386-2.6715i	-1.0761+1.7555i
15.6	1.9207-2.4024i	-77.5620+76.1627i	0.1898-0.0877i	3.2690-4.0895i	2.7539-2.5913i	0.0496+0.1915i	3.2697-4.0414i	-1.0483+2.6729i
15.7	1.7386-3.1610i	-74.9232+102.5312i	0.1993-0.1383i	3.1208-5.4154i	2.7281-3.4972i	0.0639+0.2240i	3.1334-5.3664i	-0.7526+3.4503i
15.8	0.4418-4.0290i	-35.0534+138.0248i	0.1455-0.2404i	1.1088-7.1379i	1.4790-4.7816i	0.1321+0.2354i	1.1419-7.1077i	0.7567+4.1807i
15.9	-1.0628-3.9608i	15.2212+143.0557i	0.0488-0.3078i	-1.4195-7.3558i	-0.2205-5.1866i	0.2015+0.1886i	-1.3841-7.3472i	2.3457+3.7989i
16.0	-1.9261-3.0894i	48.2861+117.9923i	-0.0531-0.2962i	-3.0705-6.0915i	-1.5358-4.4971i	0.2119+0.1205i	-3.0457-6.0944i	3.0301+2.6953i
16.1	-2.2387-2.2438i	62.5505+91.2770i	-0.1217-0.2574i	-3.8009-4.7450i	-2.2434-3.6359i	0.1956+0.0713i	-3.7864-4.7515i	3.1150+1.7513i
16.2	-2.1938-1.7178i	63.5800+74.1322i	-0.1525-0.2221i	-3.8579-3.8562i	-2.4140-2.9952i	0.1723+0.0454i	-3.8498-3.8611i	2.9187+1.2414i
16.3	-1.9838-1.1950i	58.7360+57.0721i	-0.1846-0.1803i	-3.6196-2.9589i	-2.4167-2.2779i	0.1305+0.0245i	-3.6148-2.9595i	2.5371+0.8048i
16.4	-1.8123-0.8891i	55.0123+46.8419i	-0.2178-0.1527i	-3.3927-2.3938i	-2.4317-1.8260i	0.0843+0.0067i	-3.3873-2.3945i	2.1983+0.5617i
16.5	-1.6728-0.6599i	52.6014+39.8514i	-0.2727-0.1262i	-3.1711-1.9760i	-2.4896-1.4744i	0.0163-0.0049i	-3.1642-1.9767i	1.8662+0.4049i
16.6	-1.5369-0.5507i	51.2735+35.7983i	-0.3215-0.0707i	-2.9539-1.8074i	-2.4924-1.1457i	-0.0502+0.0324i	-2.9443-1.8118i	1.5891+0.4862i
16.7	-1.4327-0.4512i	50.0702+30.7776i	-0.3471+0.0251i	-2.7666-1.7256i	-2.4743-0.7597i	-0.0971+0.1152i	-2.7612-1.7351i	1.3917+0.6834i
16.8	-1.3177-0.3358i	50.7957+23.7781i	-0.3500+0.1691i	-2.7670-1.6985i	-2.4364-0.2074i	-0.1141+0.2586i	-2.7648-1.7122i	1.2890+1.0417i
16.9	-1.2781-0.2626i	48.7684+14.6978i	-0.2766+0.2810i	-2.8289-1.4982i	-2.1760+0.2399i	-0.0432+0.3641i	-2.8339-1.5115i	1.5288+1.2987i
17.0	-1.2152-0.1699i	41.4955+9.9091i	-0.1728+0.3489i	-2.7354-1.3699i	-1.8171+0.5299i	0.0537+0.4274i	-2.7458-1.3828i	1.7866+1.3925i
17.1	-1.0980-0.0862i	36.6084+7.2311i	-0.0593+0.4095i	-2.7377-1.3183i	-1.4584+0.7946i	0.1687+0.4914i	-2.7514-1.3305i	2.0142+1.5060i
17.2	-1.0623-0.0863i	30.0151+5.0048i	0.1099+0.3739i	-2.7511-1.1280i	-0.9051+0.7670i	0.3419+0.4486i	-2.7711-1.1355i	2.5504+1.3800i
17.3	-1.0517-0.0113i	23.6432+7.8492i	0.1937+0.2375i	-2.6489-0.9861i	-0.5929+0.4423i	0.4244+0.3057i	-2.6689-0.9861i	2.8206+0.8575i
17.4	-0.9915+0.0876i	22.1927+11.2754i	0.1691+0.1572i	-2.5822-0.9469i	-0.6347+0.3103i	0.3977+0.2219i	-2.5988-0.9427i	2.6770+0.5297i
17.5	-0.9227+0.1251i	22.3348+11.7344i	0.1784+0.1458i	-2.6031-0.8967i	-0.5181+0.3573i	0.4112+0.2072i	-2.6197-0.8929i	2.7039+0.4811i
17.6	-0.8683+0.1624i	21.2149+12.0076i	0.2069+0.0886i	-2.5757-0.7757i	-0.3181+0.1801i	0.4415+0.1396i	-2.5936-0.7695i	2.8133+0.1889i
17.7	-0.8224+0.2127i	20.5911+12.9149i	0.1855+0.0434i	-2.5162-0.7325i	-0.3592+0.0518i	0.4161+0.0891i	-2.5321-0.7239i	2.6898-0.0426i
17.8	-0.7459+0.2861i	20.8628+14.0861i	0.1547+0.0061i	-2.4885-0.7080i	-0.4028-0.0137i	0.3844+0.0498i	-2.5005-0.6963i	2.5277-0.2398i
17.9	-0.6745+0.3301i	21.2493+14.2967i	0.1428-0.0102i	-2.4886-0.6793i	-0.3945-0.0498i	0.3730+0.0296i	-2.4990-0.6666i	2.4358-0.3562i
18.0	-0.5948+0.3568i	21.7829+13.9007i	0.1241-0.0273i	-2.5024-0.6364i	-0.4246-0.1326i	0.3551+0.0090i	-2.5110-0.6240i	2.3122-0.4866i
18.1	-0.5032+0.3837i	21.9903+13.1683i	0.0967-0.0403i	-2.5193-0.5855i	-0.4988-0.1992i	0.3297-0.0086i	-2.5240-0.5707i	2.1441-0.6021i
18.2	-0.4182+0.4056i	22.0387+12.6696i	0.0626-0.0466i	-2.5060-0.5376i	-0.6512-0.2224i	0.2945-0.0202i	-2.5070-0.5209i	1.9031-0.6854i

18.3	-0.3209+0.4004i	22.0765+11.9021i	0.0311-0.0392i	-2.5167-0.4994i	-0.8050-0.1684i	0.2635-0.0129i	-2.5114-0.4856i	1.6566-0.6494i
18.4	-0.2430+0.3583i	21.8560+10.6431i	-0.0044-0.0105i	-2.5197-0.4543i	-1.0231+0.0023i	0.2299+0.0137i	-2.5086-0.4466i	1.3864-0.4577i
18.5	-0.1981+0.3289i	20.7783+9.5504i	-0.0104+0.0538i	-2.5419-0.4302i	-1.0911+0.4200i	0.2283+0.0772i	-2.5299-0.4323i	1.3234-0.0692i
18.6	-0.1814+0.3185i	18.6616+9.8052i	0.0795+0.1215i	-2.5775-0.3883i	-0.5721+0.9601i	0.3228+0.1395i	-2.5760-0.4015i	1.8462+0.3485i
18.7	-0.1122+0.3632i	18.7799+11.4731i	0.1609+0.0467i	-2.5980-0.3347i	0.0375+0.6222i	0.4063+0.0609i	-2.6094-0.3378i	2.2936-0.1241i
18.8	0.0012+0.3493i	19.9356+11.6273i	0.1419-0.0151i	-2.6243-0.2987i	0.0548+0.2509i	0.3913-0.0037i	-2.6337-0.2937i	2.1354-0.4926i
18.9	0.0725+0.3121i	20.3615+11.1204i	0.1225-0.0336i	-2.6485-0.2665i	-0.0077+0.1375i	0.3751-0.0235i	-2.6534-0.2616i	1.9853-0.5721i
19.0	0.1276+0.2419i	20.4909+10.3623i	0.1049-0.0487i	-2.6787-0.2103i	-0.0607+0.0395i	0.3616-0.0432i	-2.6814-0.2060i	1.8616-0.6070i
19.1	0.1848+0.1632i	20.5265+9.2817i	0.0893-0.0574i	-2.7331-0.1568i	-0.1088-0.0395i	0.3551-0.0574i	-2.7335-0.1538i	1.7666-0.6066i
19.2	0.2042+0.1232i	20.2775+8.7578i	0.0800-0.0624i	-2.7692-0.1296i	-0.1497-0.0861i	0.3511-0.0643i	-2.7684-0.1258i	1.7263-0.6097i
19.3	0.2295+0.0641i	19.8248+8.0947i	0.0668-0.0700i	-2.8377-0.0676i	-0.2053-0.1408i	0.3473-0.0799i	-2.8368-0.0669i	1.6851-0.6317i
19.4	0.2433+0.0284i	19.5997+7.7326i	0.0576-0.0756i	-2.8928-0.0243i	-0.2275-0.1693i	0.3451-0.0918i	-2.8925-0.0259i	1.6657-0.6521i
19.5	0.2518-0.0192i	19.2284+7.3367i	0.0412-0.0830i	-2.9602+0.0488i	-0.2848-0.2155i	0.3365-0.1061i	-2.9616+0.0460i	1.6262-0.6939i
19.6	0.2663-0.0530i	18.8342+7.0565i	0.0266-0.0845i	-3.0247+0.1169i	-0.3605-0.2455i	0.3276-0.1154i	-3.0258+0.1145i	1.5685-0.7164i
19.7	0.2846-0.0792i	18.4992+6.7021i	0.0117-0.0810i	-3.0995+0.1996i	-0.4368-0.2432i	0.3189-0.1242i	-3.1003+0.1959i	1.5127-0.7225i
19.8	0.2994-0.1080i	18.1135+6.4418i	-0.0030-0.0776i	-3.1548+0.2870i	-0.5194-0.2445i	0.3070-0.1324i	-3.1546+0.2829i	1.4364-0.7310i
19.9	0.3232-0.1464i	17.6608+6.1818i	-0.0196-0.0703i	-3.2302+0.3940i	-0.6151-0.2119i	0.2949-0.1355i	-3.2319+0.3875i	1.3572-0.7089i
20.0	0.3473-0.1803i	17.3383+6.0485i	-0.0333-0.0615i	-3.3221+0.4990i	-0.6897-0.1632i	0.2887-0.1390i	-3.3261+0.4927i	1.3110-0.6727i
20.1	0.3629-0.2212i	16.8918+5.8512i	-0.0470-0.0487i	-3.4019+0.6198i	-0.7657-0.1196i	0.2797-0.1382i	-3.4111+0.6154i	1.2653-0.6249i
20.2	0.3821-0.2742i	16.5447+5.8125i	-0.0587-0.0331i	-3.4921+0.7720i	-0.8408-0.0403i	0.2718-0.1338i	-3.5037+0.7702i	1.2387-0.5638i
20.3	0.4096-0.3180i	16.2420+5.7596i	-0.0658-0.0175i	-3.5979+0.9288i	-0.8944+0.0255i	0.2721-0.1335i	-3.6097+0.9295i	1.2417-0.5264i
20.4	0.4333-0.3812i	15.8860+5.7205i	-0.0707+0.0009i	-3.6947+1.1761i	-0.9454+0.1354i	0.2718-0.1363i	-3.7070+1.1819i	1.2581-0.4800i
20.5	0.4467-0.4683i	15.6240+5.7187i	-0.0764+0.0169i	-3.7584+1.4860i	-0.9985+0.2416i	0.2700-0.1454i	-3.7664+1.5000i	1.2633-0.4687i
20.6	0.4308-0.5812i	15.4150+5.8341i	-0.0745+0.0349i	-3.7288+1.8870i	-1.0128+0.3790i	0.2654-0.1588i	-3.7264+1.9082i	1.2849-0.4781i
20.7	0.4000-0.6618i	15.2140+5.8390i	-0.0702+0.0508i	-3.6458+2.1677i	-1.0030+0.5227i	0.2604-0.1621i	-3.6334+2.1934i	1.2949-0.4491i
20.8	0.3468-0.7232i	14.9985+5.8953i	-0.0623+0.0671i	-3.4644+2.4148i	-0.9409+0.6390i	0.2516-0.1610i	-3.4403+2.4349i	1.3021-0.4426i
20.9	0.2833-0.7629i	15.0130+5.8368i	-0.0599+0.0746i	-3.2157+2.5930i	-0.8861+0.6930i	0.2375-0.1629i	-3.1841+2.6009i	1.2633-0.4638i
21.0	0.2246-0.8074i	14.9292+5.7783i	-0.0614+0.0863i	-2.9978+2.7584i	-0.8560+0.7884i	0.2231-0.1604i	-2.9601+2.7545i	1.2153-0.4240i
21.1	0.1492-0.8344i	14.9029+5.7339i	-0.0592+0.0999i	-2.7299+2.8532i	-0.7993+0.8634i	0.2087-0.1502i	-2.6929+2.8356i	1.1852-0.3690i
21.2	0.0829-0.8337i	14.7310+5.5522i	-0.0512+0.1193i	-2.4911+2.8337i	-0.7258+0.9244i	0.2038-0.1285i	-2.4569+2.8079i	1.1851-0.2828i
21.3	0.0487-0.8359i	14.5581+5.5217i	-0.0369+0.1371i	-2.3937+2.8049i	-0.6510+0.9814i	0.2148-0.1089i	-2.3654+2.7719i	1.2539-0.1944i
21.4	0.0060-0.8210i	14.4215+5.4102i	-0.0216+0.1451i	-2.3025+2.7427i	-0.5779+0.9976i	0.2288-0.0970i	-2.2850+2.7076i	1.3426-0.1552i
21.5	-0.0202-0.7985i	14.2419+5.2559i	-0.0113+0.1520i	-2.2583+2.6988i	-0.5479+1.0124i	0.2430-0.0892i	-2.2478+2.6607i	1.4105-0.1378i
21.6	-0.0321-0.7920i	14.0110+5.2132i	0.0011+0.1603i	-2.2437+2.7070i	-0.5073+1.0506i	0.2630-0.0834i	-2.2382+2.6661i	1.4865-0.1166i
21.7	-0.0445-0.7769i	13.7621+5.1045i	0.0169+0.1696i	-2.2495+2.6542i	-0.4484+1.0816i	0.2851-0.0739i	-2.2470+2.6135i	1.5816-0.0923i
21.8	-0.0183-0.7893i	13.3999+5.1209i	0.0264+0.1735i	-2.4036+2.7189i	-0.4268+1.1140i	0.3124-0.0808i	-2.4026+2.6773i	1.6861-0.1189i
21.9	0.0026-0.8212i	13.0162+5.3009i	0.0416+0.1793i	-2.5389+2.8792i	-0.3885+1.1751i	0.3463-0.0942i	-2.5412+2.8392i	1.8099-0.1657i
22.0	0.0231-0.8547i	12.7511+5.4700i	0.0522+0.1796i	-2.7005+3.0876i	-0.3657+1.2002i	0.3783-0.1218i	-2.7051+3.0481i	1.9231-0.2702i
22.1	0.0431-0.9061i	12.4350+5.6926i	0.0640+0.1817i	-2.8464+3.3640i	-0.3307+1.2591i	0.4076-0.1555i	-2.8523+3.3229i	2.0270-0.3794i
22.2	0.0587-0.9876i	12.1659+6.0470i	0.0697+0.1856i	-2.9455+3.7870i	-0.3229+1.3377i	0.4244-0.2042i	-2.9546+3.7461i	2.0716-0.5316i
22.3	0.0809-1.0954i	11.9408+6.5534i	0.0729+0.1890i	-3.0669+4.3092i	-0.3259+1.4298i	0.4392-0.2615i	-3.0757+4.2677i	2.1015-0.7052i
22.4	0.0605-1.2586i	11.8938+7.2071i	0.0823+0.2031i	-3.0016+5.0705i	-0.2647+1.6034i	0.4363-0.3322i	-3.0110+5.0249i	2.0943-0.8911i
22.5	-0.0477-1.3902i	12.1668+7.7131i	0.0954+0.2145i	-2.5558+5.7154i	-0.1313+1.7268i	0.3997-0.3907i	-2.5704+5.6666i	1.9883-1.0484i
22.6	-0.2535-1.5966i	12.7355+8.5261i	0.1205+0.2309i	-1.7256+6.7164i	0.1155+1.9219i	0.3339-0.4787i	-1.7455+6.6603i	1.8093-1.2746i
22.7	-0.4745-1.6670i	13.4170+8.8103i	0.1482+0.2367i	-0.7887+7.1270i	0.3610+1.9693i	0.2588-0.5165i	-0.8125+7.0684i	1.6141-1.3656i
22.8	-0.7389-1.6776i	14.2927+8.8743i	0.1757+0.2363i	0.3534+7.2718i	0.6198+1.9464i	0.1638-0.5287i	0.3224+7.2125i	1.3597-1.3847i
22.9	-1.0201-1.5863i	15.2249+8.5438i	0.2043+0.2322i	1.6116+6.9655i	0.8941+1.8594i	0.0595-0.4934i	1.5709+6.9080i	1.0996-1.2589i
23.0	-1.2190-1.4518i	15.8528+8.1044i	0.2291+0.2370i	2.5206+6.4583i	1.0992+1.7990i	-0.0122-0.4306i	2.4721+6.4024i	0.9430-1.0446i
23.1	-1.3832-1.2302i	16.3434+7.2802i	0.2738+0.2169i	3.2599+5.5999i	1.3699+1.5654i	-0.0381-0.3531i	3.2021+5.5498i	0.9437-0.8362i
23.2	-1.4597-0.9986i	16.4797+6.4162i	0.2965+0.1763i	3.6842+4.6920i	1.4835+1.2270i	-0.0512-0.2934i	3.6213+4.6525i	0.9437-0.7087i
23.3	-1.4577-0.8347i	16.3848+5.8712i	0.2998+0.1484i	3.7471+4.0341i	1.4817+1.0145i	-0.0489-0.2530i	3.6823+4.0004i	0.9708-0.6241i
23.4	-1.4439-0.6523i	16.1892+5.1743i	0.3030+0.1196i	3.7799+3.3132i	1.4574+0.7812i	-0.0410-0.2056i	3.7168+3.2864i	1.0184-0.5340i
23.5	-1.4050-0.5141i	15.9274+4.6706i	0.2987+0.0985i	3.6844+2.7297i	1.3808+0.6041i	-0.0253-0.1685i	3.6200+2.7085i	1.0707-0.4551i
23.6	-1.3469-0.3949i	15.5313+4.3526i	0.2963+0.0777i	3.5072+2.2108i	1.3004+0.4597i	-0.0015-0.1422i	3.4452+2.1960i	1.1550-0.3974i
23.7	-1.2896-0.3061i	15.2095+4.1303i	0.2871+0.0617i	3.3179+1.8116i	1.1936+0.3453i	0.0183-0.1204i	3.2593+1.8004i	1.2173-0.3580i
23.8	-1.2291-0.2327i	14.9008+3.9537i	0.2761+0.0479i	3.1030+1.5051i	1.0848+0.2456i	0.0348-0.1098i	3.0468+1.4955i	1.2664-0.3488i
23.9	-1.1801-0.1893i	14.6362+3.7942i	0.2713+0.0420i	2.9336+1.3179i	1.0197+0.1890i	0.0475-0.1031i	2.8795+1.3109i	1.3095-0.3451i
24.0	-1.1179-0.1466i	14.2826+3.7678i	0.2579+0.0376i	2.7014+1.1158i	0.8781+0.1537i	0.0598-0.0954i	2.6492+1.1110i	1.3396-0.3275i
24.1	-1.0735-0.1142i	14.0423+3.7287i	0.2457+0.0378i	2.5592+0.9370i	0.7637+0.1451i	0.0650-0.0791i	2.5078+0.9328i	1.3619-0.2829i
24.2	-1.0186-0.0786i	13.8159+3.6445i	0.2423+0.0423i	2.3742+0.7855i	0.6773+0.1652i	0.0796-0.0665i	2.3251+0.7815i	1.4162-0.2405i
24.3	-0.9771-0.0659i	13.6259+3.6295i	0.2386+0.0474i	2.2125+0.7183i	0.6155+0.1952i	0.0917-0.0579i	2.1667+0.7126i	1.4609-0.2083i
24.4	-0.9419-0.0551i	13.4015+3.6594i	0.2386+0.0536i	2.0587+0.6492i	0.5661+0.2424i	0.1057-0.0508i	2.0141+0.6411i	1.5325-0.1713i
24.5	-0.9099-0.0397i	13.1456+3.6276i	0.2451+0.0602i	1.9416+0.5552i	0.5305+0.2872i	0.1219-0.0406i	1.8966+0.5483i	1.6214-0.1322i

24.6	-0.8811-0.0258i	12.9856+3.5950i	0.2516+0.0683i	1.8229+0.4926i	0.4994+0.3334i	0.1408-0.0306i	1.7741+0.4853i	1.7208-0.1023i
24.7	-0.8543-0.0205i	12.7407+3.6386i	0.2655+0.0753i	1.6937+0.4528i	0.5043+0.3708i	0.1698-0.0238i	1.6453+0.4452i	1.8491-0.0879i
24.8	-0.8395-0.0100i	12.5678+3.6279i	0.2826+0.0744i	1.6170+0.4151i	0.5372+0.3733i	0.1930-0.0250i	1.5674+0.4076i	1.9701-0.1043i
24.9	-0.8128+0.0066i	12.2950+3.7029i	0.2958+0.0637i	1.4992+0.3820i	0.5429+0.3708i	0.2163-0.0379i	1.4480+0.3747i	2.1048-0.1810i
25.0	-0.7891+0.0176i	12.0988+3.7840i	0.3050+0.0512i	1.4106+0.3611i	0.5116+0.3318i	0.2306-0.0535i	1.3581+0.3572i	2.1976-0.2693i
25.1	-0.7704+0.0199i	11.9579+3.8904i	0.3133+0.0413i	1.3413+0.3527i	0.4854+0.3132i	0.2412-0.0645i	1.2879+0.3505i	2.2582-0.3398i
25.2	-0.7535+0.0203i	11.8067+3.9648i	0.3130+0.0348i	1.2845+0.3545i	0.4256+0.3338i	0.2450-0.0719i	1.2317+0.3517i	2.2949-0.4072i
25.3	-0.7305+0.0299i	11.5703+4.0703i	0.3094+0.0189i	1.1913+0.3406i	0.3492+0.3230i	0.2481-0.0886i	1.1375+0.3395i	2.3497-0.4980i
25.4	-0.7140+0.0385i	11.3291+4.2501i	0.3148+0.0197i	1.1296+0.3183i	0.3126+0.3766i	0.2559-0.0888i	1.0756+0.3174i	2.4255-0.5460i
25.5	-0.6960+0.0464i	11.1053+4.4638i	0.3221+0.0192i	1.0769+0.3071i	0.2764+0.4232i	0.2650-0.0903i	1.0228+0.3065i	2.5018-0.5978i
25.6	-0.6757+0.0543i	10.9921+4.7035i	0.3275+0.0095i	1.0244+0.3059i	0.2450+0.4655i	0.2714-0.1025i	0.9698+0.3055i	2.5567-0.7063i
25.7	-0.6504+0.0611i	10.8915+5.0121i	0.3300+0.0020i	0.9587+0.3019i	0.2091+0.5359i	0.2765-0.1090i	0.9053+0.3040i	2.5914-0.8407i
25.8	-0.6346+0.0746i	10.8425+5.2839i	0.3322-0.0061i	0.9130+0.2983i	0.1807+0.5991i	0.2808-0.1154i	0.8597+0.3023i	2.6191-0.9631i
25.9	-0.6008+0.0676i	10.7969+5.6212i	0.3322-0.0068i	0.8433+0.3126i	0.1451+0.6988i	0.2821-0.1152i	0.7913+0.3159i	2.6137-1.0424i
26.0	-0.5827+0.0649i	10.8598+5.8599i	0.3414-0.0089i	0.7912+0.3282i	0.1724+0.7773i	0.2919-0.1195i	0.7380+0.3312i	2.6311-1.1197i
26.1	-0.5627+0.0669i	10.8517+6.1539i	0.3521-0.0230i	0.7297+0.3579i	0.1747+0.8636i	0.3052-0.1332i	0.6729+0.3623i	2.6836-1.2541i
26.2	-0.5360+0.0708i	10.9178+6.3790i	0.3503-0.0396i	0.6999+0.3951i	0.1842+0.9492i	0.3063-0.1512i	0.6448+0.4014i	2.6483-1.3856i
26.3	-0.4988+0.0659i	11.0298+6.6386i	0.3380-0.0492i	0.6828+0.4230i	0.2012+1.0670i	0.2916-0.1623i	0.6319+0.4292i	2.5674-1.4856i
26.4	-0.4586+0.0486i	11.1461+6.8879i	0.3286-0.0489i	0.6664+0.4583i	0.2536+1.2047i	0.2822-0.1655i	0.6159+0.4639i	2.5009-1.5325i
26.5	-0.4328+0.0271i	11.2759+7.1109i	0.3264-0.0470i	0.6649+0.4830i	0.3732+1.3260i	0.2776-0.1646i	0.6132+0.4870i	2.4737-1.5659i
26.6	-0.4148-0.0060i	11.4580+7.3237i	0.3202-0.0409i	0.6759+0.4912i	0.5036+1.3703i	0.2706-0.1553i	0.6257+0.4932i	2.4481-1.6012i
26.7	-0.3903-0.0462i	11.5947+7.5260i	0.3198-0.0312i	0.6740+0.4927i	0.6208+1.4134i	0.2692-0.1433i	0.6253+0.4931i	2.4440-1.6321i
26.8	-0.3745-0.0806i	11.7065+7.7213i	0.3300-0.0278i	0.6528+0.4842i	0.7162+1.4239i	0.2789-0.1350i	0.6008+0.4835i	2.4795-1.6901i
26.9	-0.3596-0.1217i	11.8174+8.0395i	0.3447-0.0278i	0.5998+0.4736i	0.7902+1.4187i	0.2942-0.1333i	0.5434+0.4727i	2.5334-1.7969i
27.0	-0.3647-0.1627i	12.0170+8.4443i	0.3438-0.0338i	0.5664+0.4955i	0.7967+1.4247i	0.2958-0.1369i	0.5088+0.4953i	2.5202-1.9462i
27.1	-0.3650-0.2086i	12.2721+8.7792i	0.3396-0.0309i	0.5267+0.5372i	0.7903+1.5054i	0.2930-0.1291i	0.4676+0.5358i	2.4528-2.0601i
27.2	-0.3775-0.2637i	12.6922+9.0912i	0.3432-0.0195i	0.5062+0.6034i	0.8700+1.6507i	0.2994-0.1154i	0.4457+0.6034i	2.3592-2.1429i
27.3	-0.4060-0.3297i	13.3704+9.4431i	0.3604-0.0029i	0.5195+0.6857i	1.0561+1.8270i	0.3172-0.0983i	0.4545+0.6845i	2.2649-2.2191i
27.4	-0.4554-0.3779i	14.0614+9.5768i	0.3890+0.0060i	0.5529+0.7428i	1.3135+1.9166i	0.3466-0.0887i	0.4860+0.7418i	2.1981-2.2799i
27.5	-0.5153-0.4044i	14.7522+9.4951i	0.4081+0.0020i	0.6084+0.7887i	1.5467+1.9184i	0.3686-0.0881i	0.5372+0.7893i	2.0810-2.3240i
27.6	-0.5753-0.4350i	15.4769+9.4943i	0.4303-0.0029i	0.6676+0.8340i	1.8018+1.9059i	0.3937-0.0910i	0.5923+0.8386i	1.9687-2.3821i
27.7	-0.6560-0.4475i	16.2964+9.1819i	0.4646-0.0150i	0.7648+0.8491i	2.1272+1.8049i	0.4285-0.0984i	0.6845+0.8551i	1.8400-2.3894i
27.8	-0.7214-0.4580i	16.9040+8.8738i	0.4977-0.0267i	0.8400+0.8619i	2.4045+1.7047i	0.4650-0.1073i	0.7569+0.8693i	1.7843-2.3808i
27.9	-0.7723-0.4279i	17.2333+8.2531i	0.5137-0.0516i	0.9054+0.8217i	2.5664+1.4740i	0.4843-0.1297i	0.8202+0.8344i	1.7164-2.3446i
28.0	-0.8333-0.4006i	17.5713+7.5628i	0.5308-0.0785i	0.9802+0.7707i	2.7309+1.2012i	0.5063-0.1566i	0.8928+0.7870i	1.6550-2.2866i
28.1	-0.8848-0.3793i	17.8051+6.9949i	0.5435-0.1163i	1.0240+0.7167i	2.8305+0.9084i	0.5208-0.1903i	0.9364+0.7404i	1.6169-2.2913i
28.2	-0.9424-0.3451i	17.9944+6.4086i	0.5424-0.1501i	1.0638+0.6457i	2.8398+0.6083i	0.5242-0.2184i	0.9757+0.6753i	1.5264-2.2801i
28.3	-0.9891-0.2961i	18.0440+5.8594i	0.5375-0.1720i	1.0822+0.5832i	2.7955+0.4125i	0.5248-0.2343i	0.9969+0.6170i	1.4546-2.2239i
28.4	-0.9973-0.2351i	17.8522+5.3104i	0.5275-0.1816i	1.0703+0.5191i	2.7011+0.2938i	0.5231-0.2408i	0.9887+0.5532i	1.4183-2.1005i
28.5	-1.0110-0.2045i	17.7271+4.9461i	0.5353-0.1878i	1.0687+0.4732i	2.6987+0.1985i	0.5369-0.2443i	0.9876+0.5085i	1.4562-1.9980i
28.6	-1.0323-0.1720i	17.5788+4.5228i	0.5598-0.2141i	1.0570+0.4167i	2.7368+0.0097i	0.5732-0.2667i	0.9729+0.4560i	1.5993-1.9575i
28.7	-1.0519-0.1373i	17.5311+4.1020i	0.5727-0.2498i	1.0577+0.3692i	2.7566-0.1845i	0.5930-0.2966i	0.9709+0.4116i	1.6643-1.9804i
28.8	-1.0477-0.1038i	17.3171+3.8569i	0.5619-0.2835i	1.0279+0.3373i	2.6627-0.3479i	0.5923-0.3303i	0.9434+0.3840i	1.6737-2.0513i
28.9	-1.0561-0.0776i	17.1055+3.6605i	0.5531-0.3085i	1.0140+0.3117i	2.5790-0.4687i	0.5919-0.3572i	0.9311+0.3615i	1.6891-2.0791i
29.0	-1.0730-0.0485i	16.8552+3.3853i	0.5501-0.3377i	0.9928+0.2707i	2.5163-0.6157i	0.6000-0.3864i	0.9097+0.3272i	1.7580-2.0989i
29.1	-1.0898-0.0205i	16.6878+3.2681i	0.5445-0.3679i	0.9682+0.2448i	2.4369-0.7360i	0.6098-0.4151i	0.8856+0.3042i	1.8027-2.1625i
29.2	-1.1003+0.0073i	16.4874+3.0947i	0.5273-0.3916i	0.9448+0.2202i	2.3208-0.8326i	0.6066-0.4373i	0.8657+0.2810i	1.8025-2.2075i
29.3	-1.1060+0.0406i	16.3364+2.8577i	0.5102-0.4136i	0.9238+0.1894i	2.2169-0.9218i	0.5991-0.4588i	0.8484+0.2527i	1.7854-2.2347i
29.4	-1.1048+0.0701i	16.0988+2.7320i	0.4875-0.4370i	0.8924+0.1727i	2.0919-1.0197i	0.5923-0.4904i	0.8176+0.2412i	1.7703-2.3014i
29.5	-1.1164+0.0988i	15.8540+2.5718i	0.4591-0.4681i	0.8557+0.1523i	1.9340-1.1396i	0.5834-0.5269i	0.7866+0.2273i	1.7425-2.3907i
29.6	-1.1266+0.1315i	15.6388+2.5067i	0.4346-0.4833i	0.8187+0.1424i	1.8133-1.1661i	0.5757-0.5491i	0.7561+0.2155i	1.7267-2.4265i
29.7	-1.1430+0.1523i	15.4023+2.4236i	0.4101-0.4920i	0.7991+0.1308i	1.6849-1.2001i	0.5682-0.5636i	0.7398+0.2058i	1.7114-2.4383i
29.8	-1.1473+0.1768i	15.2510+2.3958i	0.3912-0.5078i	0.7750+0.1321i	1.5838-1.2404i	0.5629-0.5894i	0.7172+0.2126i	1.6986-2.5066i
29.9	-1.1505+0.2069i	15.0451+2.3839i	0.3820-0.5224i	0.7351+0.1209i	1.5192-1.2839i	0.5708-0.6127i	0.6803+0.2007i	1.7342-2.5517i
30.0	-1.1679+0.2398i	14.7723+2.3552i	0.3459-0.5369i	0.7031+0.1254i	1.3730-1.3036i	0.5595-0.6462i	0.6552+0.2055i	1.6987-2.5959i
30.1	-1.1836+0.2739i	14.6725+2.3050i	0.3162-0.5525i	0.6820+0.1235i	1.2535-1.3104i	0.5459-0.6735i	0.6381+0.2067i	1.6454-2.6648i
30.2	-1.2025+0.3051i	14.4523+2.3613i	0.2724-0.5515i	0.6434+0.1402i	1.0758-1.2976i	0.5229-0.6956i	0.6058+0.2212i	1.5914-2.6816i
30.3	-1.2113+0.3375i	14.2140+2.4402i	0.2321-0.5379i	0.6307+0.1725i	0.9473-1.2325i	0.4944-0.7133i	0.5967+0.2511i	1.5183-2.6673i
30.4	-1.2342+0.3761i	14.1271+2.5282i	0.2243-0.5312i	0.6323+0.1817i	0.9346-1.1801i	0.4930-0.7306i	0.5984+0.2611i	1.5614-2.6735i
30.5	-1.2515+0.4060i	13.9935+2.5444i	0.2026-0.5163i	0.6351+0.2019i	0.8587-1.1662i	0.4728-0.7411i	0.6044+0.2818i	1.5677-2.6630i
30.6	-1.2648+0.4471i	13.8034+2.4902i	0.1654-0.5163i	0.6271+0.2110i	0.7198-1.1896i	0.4420-0.7597i	0.6013+0.2892i	1.5424-2.7099i
30.7	-1.2847+0.4937i	13.6138+2.6130i	0.1335-0.5135i	0.6089+0.2217i	0.5865-1.1640i	0.4273-0.7764i	0.5872+0.2959i	1.5239-2.7744i
30.8	-1.3177+0.5497i	13.4541+2.6903i	0.1033-0.5090i	0.5956+0.2195i	0.4537-1.1206i	0.4141-0.7888i	0.5788+0.2919i	1.5120-2.8255i

30.9	-1.3366+0.6047i	13.2942+2.8210i	0.0748-0.4909i	0.5775+0.2429i	0.3558-1.0515i	0.4035-0.8041i	0.5645+0.3132i	1.5142-2.8558i
31.0	-1.3592+0.6809i	13.0942+3.0255i	0.0595-0.4744i	0.5790+0.2622i	0.2831-0.9694i	0.3956-0.8248i	0.5664+0.3299i	1.5485-2.9207i
31.1	-1.3695+0.7493i	12.8802+3.1045i	0.0246-0.4591i	0.5522+0.2878i	0.1796-0.9292i	0.3796-0.8501i	0.5427+0.3515i	1.5442-2.9741i
31.2	-1.3434+0.8394i	12.7253+3.3288i	-0.0284-0.3998i	0.5482+0.3505i	0.0183-0.7731i	0.3288-0.8569i	0.5410+0.4079i	1.4402-3.0088i
31.3	-1.3417+0.9000i	12.6263+3.5967i	-0.0239-0.3396i	0.5795+0.3751i	-0.0153-0.5655i	0.3208-0.8358i	0.5693+0.4267i	1.4621-2.9933i
31.4	-1.3431+1.0008i	12.5240+3.8876i	-0.0335-0.2793i	0.5996+0.4443i	-0.0918-0.4374i	0.3029-0.8614i	0.5851+0.4878i	1.4808-3.0648i
31.5	-1.3317+1.1157i	12.4795+4.1712i	-0.0400-0.2485i	0.6063+0.4735i	-0.1106-0.3388i	0.2932-0.8967i	0.5915+0.5163i	1.4697-3.2033i
31.6	-1.3342+1.2132i	12.4224+4.4843i	-0.0270-0.2054i	0.6487+0.4996i	-0.1211-0.1948i	0.2841-0.9101i	0.6307+0.5399i	1.4828-3.2841i
31.7	-1.3060+1.3234i	12.4082+4.8456i	-0.0135-0.1697i	0.7050+0.5244i	-0.1665-0.0709i	0.2521-0.9347i	0.6846+0.5625i	1.4563-3.4040i
31.8	-1.2590+1.4176i	12.4499+5.1373i	0.0038-0.1378i	0.7728+0.5549i	-0.1852+0.0250i	0.2123-0.9606i	0.7489+0.5943i	1.3916-3.5314i
31.9	-1.1748+1.5673i	12.5921+5.5041i	0.0374-0.0604i	0.8790+0.6355i	-0.1980+0.2163i	0.1436-1.0007i	0.8509+0.6727i	1.2653-3.6688i
32.0	-1.0768+1.6975i	12.8588+5.8923i	0.1151+0.0307i	1.0395+0.6674i	-0.1756+0.5531i	0.0730-0.9882i	1.0066+0.7019i	1.1578-3.7244i
32.1	-0.9792+1.7902i	13.0198+6.1597i	0.1573+0.0310i	1.1453+0.5873i	-0.1521+0.6894i	0.0089-0.9677i	1.1081+0.6255i	1.0126-3.8028i
32.2	-0.8782+1.8915i	13.2587+6.3532i	0.2255+0.0244i	1.2361+0.5005i	0.0255+0.8090i	-0.0237-0.9581i	1.1949+0.5434i	0.8983-3.9012i
32.3	-0.7056+2.0363i	13.6666+6.7259i	0.2751+0.0520i	1.2958+0.3823i	0.1556+1.1117i	-0.0741-0.9056i	1.2574+0.4285i	0.6657-3.9804i
32.4	-0.5756+2.0988i	13.9247+6.9076i	0.3083+0.0490i	1.3322+0.2688i	0.2274+1.2731i	-0.1131-0.8476i	1.2947+0.3166i	0.5012-3.9808i
32.5	-0.3874+2.1155i	14.2898+6.9728i	0.3427+0.0310i	1.3162+0.1320i	0.3958+1.3980i	-0.1328-0.7770i	1.2811+0.1817i	0.3047-3.8940i
32.6	-0.2018+2.1376i	14.6745+7.1304i	0.3679+0.0283i	1.2953+0.0083i	0.5158+1.5678i	-0.1536-0.7019i	1.2624+0.0570i	0.1149-3.7929i
32.7	-0.0227+2.1210i	15.0260+7.2417i	0.4300+0.0290i	1.2764-0.0738i	0.7890+1.6850i	-0.1416-0.6439i	1.2426-0.0259i	0.0013-3.6530i
32.8	0.2143+2.0597i	15.6331+7.1917i	0.5217+0.0300i	1.2662-0.1688i	1.2190+1.8306i	-0.1288-0.5626i	1.2327-0.1224i	-0.1614-3.4477i
32.9	0.3877+1.9546i	15.9977+6.9541i	0.5675+0.0408i	1.1869-0.2128i	1.5175+1.8946i	-0.0805-0.4913i	1.1522-0.1692i	-0.1967-3.1848i
33.0	0.4776+1.8545i	16.2172+6.7666i	0.6164+0.0355i	1.1287-0.2303i	1.7764+1.8850i	-0.0187-0.4522i	1.0904-0.1908i	-0.1160-3.0384i
33.1	0.5764+1.7326i	16.5045+6.5491i	0.6922+0.0036i	1.0554-0.2465i	2.1832+1.7887i	0.0724-0.4346i	1.0113-0.2081i	-0.0020-2.9518i
33.2	0.6415+1.6366i	16.8258+6.3319i	0.7967-0.0591i	1.0602-0.2857i	2.5610+1.5899i	0.1421-0.4424i	1.0110-0.2465i	0.1190-2.9240i
33.3	0.7273+1.5432i	17.2392+6.1527i	0.8855-0.1327i	1.0347-0.3426i	2.9369+1.3965i	0.2179-0.4416i	0.9820-0.3000i	0.1854-2.9244i
33.4	0.7872+1.4190i	17.4379+5.7751i	0.9240-0.2364i	0.9841-0.3679i	3.1472+1.0186i	0.2736-0.4815i	0.9283-0.3181i	0.2349-2.9177i
33.5	0.7898+1.3238i	17.4357+5.5232i	0.9131-0.3260i	0.9281-0.3822i	3.1878+0.7067i	0.3070-0.5266i	0.8715-0.3294i	0.2804-2.9473i
33.6	0.7731+1.2159i	17.3860+5.2049i	0.8726-0.4372i	0.8478-0.4068i	3.1386+0.3524i	0.3474-0.5843i	0.7882-0.3472i	0.3618-3.0540i
33.7	0.7603+1.1407i	17.2507+4.9010i	0.8339-0.5462i	0.8070-0.3972i	3.0921-0.0836i	0.3570-0.6803i	0.7491-0.3306i	0.3385-3.1664i
33.8	0.7068+1.0896i	17.1253+4.8032i	0.7905-0.6044i	0.7606-0.4046i	2.9636-0.2923i	0.3710-0.7215i	0.7051-0.3334i	0.3448-3.2557i
33.9	0.6668+1.0814i	16.9890+4.8876i	0.7401-0.6201i	0.7207-0.3954i	2.8102-0.3851i	0.3762-0.7548i	0.6640-0.3207i	0.3325-3.3019i
34.0	0.6478+1.1139i	16.9266+4.9550i	0.6735-0.6427i	0.6636-0.3950i	2.6318-0.4536i	0.3679-0.8010i	0.6102-0.3152i	0.2611-3.4203i
34.1	0.6689+1.1613i	16.9193+5.1410i	0.6491-0.6035i	0.6759-0.3772i	2.5302-0.4028i	0.3197-0.8174i	0.6306-0.2969i	0.1074-3.4135i
34.2	0.7184+1.2037i	17.0397+5.3389i	0.6067-0.5761i	0.6472-0.3497i	2.4554-0.3846i	0.2812-0.8394i	0.6090-0.2697i	-0.0910-3.3841i
34.3	0.8307+1.2306i	17.4481+5.3276i	0.6105-0.5958i	0.6194-0.3697i	2.5216-0.4671i	0.2510-0.8621i	0.5852-0.2886i	-0.2806-3.3495i
34.4	0.9406+1.2319i	17.8445+5.3091i	0.6479-0.6052i	0.6083-0.3873i	2.6402-0.5428i	0.2508-0.8630i	0.5783-0.3075i	-0.3592-3.2357i
34.5	1.0775+1.1583i	18.2455+5.1107i	0.6547-0.6020i	0.5604-0.3790i	2.6317-0.6139i	0.2396-0.8387i	0.5322-0.3056i	-0.4105-3.0272i
34.6	1.1549+1.0879i	18.4926+4.8906i	0.6794-0.6125i	0.5289-0.3727i	2.6555-0.6950i	0.2635-0.8224i	0.4987-0.3038i	-0.3529-2.8538i
34.7	1.2100+0.9729i	18.5540+4.5904i	0.6984-0.6225i	0.4901-0.3610i	2.6475-0.7846i	0.2962-0.8036i	0.4589-0.2904i	-0.2264-2.6972i
34.8	1.2761+0.8524i	18.6285+4.2202i	0.6906-0.6659i	0.4646-0.3467i	2.5558-0.9619i	0.2928-0.8233i	0.4302-0.2734i	-0.1069-2.6282i
34.9	1.3055+0.7731i	18.7040+4.0009i	0.7001-0.7064i	0.4468-0.3209i	2.5261-1.0950i	0.3207-0.8568i	0.4140-0.2466i	0.0197-2.5994i
35.0	1.3182+0.6795i	18.6984+3.6810i	0.6971-0.7366i	0.4092-0.3041i	2.4288-1.1896i	0.3472-0.8733i	0.3741-0.2310i	0.1387-2.5789i
35.1	1.3209+0.5704i	18.6167+3.3735i	0.6890-0.7500i	0.3862-0.2806i	2.2763-1.2311i	0.3617-0.8795i	0.3472-0.2094i	0.2804-2.5786i
35.2	1.3056+0.4730i	18.5130+3.1768i	0.6933-0.7765i	0.3767-0.2363i	2.1843-1.2387i	0.3991-0.9198i	0.3372-0.1622i	0.4363-2.6785i
35.3	1.2789+0.4245i	18.4137+3.0766i	0.6942-0.8075i	0.3618-0.2018i	2.0766-1.2320i	0.4333-0.9687i	0.3230-0.1252i	0.5821-2.8012i
35.4	1.2387+0.3550i	18.1874+2.9415i	0.6704-0.8322i	0.3504-0.1640i	1.9024-1.1817i	0.4393-1.0247i	0.3143-0.0847i	0.6887-2.9756i
35.5	1.2043+0.3279i	18.0006+2.9718i	0.6517-0.8359i	0.3568-0.1276i	1.8344-1.0602i	0.4346-1.0595i	0.3198-0.0486i	0.6934-3.1366i
35.6	1.1738+0.2969i	17.8540+2.8714i	0.6614-0.8620i	0.3646-0.0774i	1.8080-0.8812i	0.4551-1.1370i	0.3286+0.0038i	0.7558-3.4341i
35.7	1.1583+0.2820i	17.7766+2.8566i	0.6638-0.8868i	0.3932-0.0408i	1.8802-0.7514i	0.4439-1.2233i	0.3560+0.0418i	0.6645-3.7091i
35.8	1.1701+0.2816i	17.8793+3.0408i	0.6677-0.8848i	0.4317-0.0050i	1.9951-0.6345i	0.4095-1.2812i	0.3967+0.0765i	0.4929-3.9197i
35.9	1.1849+0.2812i	17.9634+3.0878i	0.7092-0.9267i	0.4871+0.0096i	2.2499-0.5865i	0.3809-1.3648i	0.4513+0.0939i	0.2395-4.1589i
36.0	1.2255+0.2654i	18.1385+3.0493i	0.7445-0.9632i	0.5459-0.0012i	2.5255-0.7052i	0.3398-1.4033i	0.5096+0.0850i	-0.1078-4.1162i
36.1	1.2747+0.2516i	18.3144+2.9843i	0.7601-1.0131i	0.5784-0.0158i	2.6759-0.8316i	0.2977-1.4398i	0.5413+0.0704i	-0.3294-4.0777i
36.2	1.3279+0.1984i	18.4068+2.7278i	0.7763-1.1162i	0.6105-0.0435i	2.8267-1.0979i	0.2598-1.4995i	0.5748+0.0473i	-0.5129-4.0115i
36.3	1.3704+0.1161i	18.4139+2.4781i	0.7629-1.2041i	0.6320-0.0653i	2.8536-1.3684i	0.2129-1.5464i	0.5976+0.0304i	-0.5846-3.8899i
36.4	1.4013+0.0326i	18.5006+2.2819i	0.7183-1.2831i	0.6369-0.1035i	2.7967-1.6132i	0.1591-1.5729i	0.6053-0.0039i	-0.6824-3.7778i
36.5	1.4198-0.0585i	18.3703+2.0117i	0.6790-1.3397i	0.6572-0.1304i	2.7181-1.8712i	0.1096-1.5917i	0.6293-0.0275i	-0.7431-3.6224i
36.6	1.4096-0.1377i	18.0926+1.8679i	0.6157-1.3997i	0.6582-0.1515i	2.5536-2.0480i	0.0696-1.6275i	0.6321-0.0458i	-0.7311-3.5319i
36.7	1.4088-0.2074i	18.0182+1.7869i	0.5934-1.4254i	0.6650-0.1631i	2.4767-2.1170i	0.0511-1.6431i	0.6415-0.0595i	-0.7444-3.4963i
36.8	1.3887-0.2917i	17.8759+1.6880i	0.5508-1.4645i	0.6646-0.1932i	2.3497-2.2422i	0.0138-1.6667i	0.6441-0.0894i	-0.7520-3.4452i
36.9	1.3613-0.3618i	17.6302+1.6971i	0.4735-1.4744i	0.6584-0.2221i	2.1401-2.3004i	-0.0460-1.6629i	0.6424-0.1161i	-0.7498-3.3434i
37.0	1.3576-0.4280i	17.6551+1.7462i	0.4536-1.4816i	0.6655-0.2396i	2.0696-2.3109i	-0.0689-1.6726i	0.6515-0.1350i	-0.7349-3.3001i
37.1	1.3269-0.5114i	17.5438+1.7135i	0.4378-1.5527i	0.6673-0.2763i	1.9641-2.4230i	-0.0767-1.7429i	0.6532-0.1676i	-0.6963-3.3196i

37.2	1.2977-0.5853i	17.4220+1.7159i	0.3907-1.6080i	0.6733-0.3190i	1.8414-2.4794i	-0.1358-1.7913i	0.6608-0.2093i	-0.7212-3.3445i
37.3	1.2719-0.6554i	17.4242+1.6321i	0.3552-1.6604i	0.6620-0.3561i	1.7675-2.5429i	-0.1739-1.8441i	0.6475-0.2502i	-0.7177-3.3093i
37.4	1.2144-0.6982i	17.3047+1.7005i	0.2974-1.6844i	0.6238-0.3884i	1.6332-2.5558i	-0.2219-1.8790i	0.6140-0.2826i	-0.7295-3.2648i
37.5	1.1711-0.7540i	17.2645+1.6276i	0.2453-1.7230i	0.5859-0.4211i	1.4943-2.6358i	-0.2656-1.9231i	0.5811-0.3109i	-0.7087-3.2072i
37.6	1.1264-0.8439i	17.1605+1.5547i	0.1777-1.7705i	0.5506-0.4727i	1.3498-2.7324i	-0.3474-1.9691i	0.5458-0.3643i	-0.6758-3.1486i
37.7	1.0794-0.8983i	16.9989+1.4962i	0.1405-1.8061i	0.5172-0.4907i	1.2479-2.7789i	-0.3970-2.0104i	0.5127-0.3805i	-0.6114-3.1242i
37.8	1.0028-0.9792i	16.8146+1.4359i	0.0677-1.8662i	0.4621-0.5152i	1.0232-2.8664i	-0.4944-2.0838i	0.4604-0.4021i	-0.5058-3.1131i
37.9	0.9167-1.0259i	16.6895+1.4811i	-0.0436-1.8823i	0.4028-0.5212i	0.7660-2.9207i	-0.6311-2.1055i	0.4063-0.4120i	-0.4549-3.1142i
38.0	0.8174-1.0272i	16.5621+1.6874i	-0.1441-1.8722i	0.3463-0.5096i	0.4718-2.8038i	-0.7777-2.0867i	0.3549-0.4010i	-0.3936-3.2039i
38.1	0.7502-1.0133i	16.4812+1.8879i	-0.2487-1.8695i	0.3078-0.4855i	0.1990-2.6673i	-0.9499-2.0718i	0.3218-0.3790i	-0.3653-3.2770i
38.2	0.6917-0.9781i	16.4776+2.0390i	-0.3274-1.8194i	0.2577-0.4495i	-0.0022-2.4426i	-1.0539-1.9837i	0.2744-0.3440i	-0.3311-3.2829i
38.3	0.6551-0.9717i	16.4869+2.0966i	-0.3443-1.7856i	0.2238-0.4265i	-0.1110-2.2050i	-1.0988-1.8917i	0.2399-0.3257i	-0.2278-3.3197i
38.4	0.6574-0.9529i	16.5197+2.1923i	-0.3745-1.7590i	0.2044-0.3707i	-0.1967-2.0517i	-1.1498-1.8549i	0.2161-0.2717i	-0.1024-3.3560i
38.5	0.6602-0.9565i	16.4324+2.2194i	-0.4347-1.7774i	0.1952-0.3206i	-0.2709-1.8480i	-1.2355-1.8345i	0.2065-0.2223i	0.0347-3.5610i
38.6	0.6374-0.9839i	16.4748+2.2968i	-0.4544-1.7758i	0.1812-0.2975i	-0.3124-1.6115i	-1.2653-1.7726i	0.1929-0.2013i	0.1026-3.7595i
38.7	0.5920-1.0067i	16.4625+2.4032i	-0.4911-1.7812i	0.1849-0.2719i	-0.3112-1.3357i	-1.2941-1.7102i	0.1968-0.1735i	0.0814-4.0605i
38.8	0.5749-1.0473i	16.4481+2.6224i	-0.5626-1.7978i	0.2015-0.2359i	-0.3213-0.9803i	-1.3774-1.6670i	0.2161-0.1351i	0.0459-4.4374i
38.9	0.5423-1.0619i	16.3201+2.7079i	-0.6657-1.8161i	0.2033-0.2024i	-0.2539-0.7935i	-1.4517-1.6410i	0.2193-0.1015i	-0.1076-4.6933i
39.0	0.5033-1.1001i	16.2595+2.9620i	-0.7440-1.8306i	0.2237-0.1867i	-0.1091-0.5674i	-1.5090-1.5957i	0.2362-0.0849i	-0.3440-4.9911i
39.1	0.4682-1.1155i	16.3600+3.1426i	-0.8125-1.8099i	0.2458-0.1750i	0.1062-0.4157i	-1.5384-1.5412i	0.2616-0.0719i	-0.6323-5.1450i
39.2	0.4374-1.1252i	16.3545+3.1666i	-0.9162-1.7911i	0.2588-0.1498i	0.3406-0.2829i	-1.5929-1.5021i	0.2812-0.0456i	-0.9339-5.2720i
39.3	0.3829-1.1587i	16.5224+3.2938i	-0.9985-1.7650i	0.2794-0.1553i	0.6090-0.2364i	-1.6337-1.4483i	0.3044-0.0451i	-1.2920-5.3464i
39.4	0.3128-1.1634i	16.6504+3.3639i	-1.1133-1.7067i	0.2880-0.1604i	0.8599-0.2327i	-1.6960-1.3846i	0.3154-0.0493i	-1.6925-5.3189i
39.5	0.2447-1.1648i	16.7333+3.5368i	-1.2194-1.6474i	0.2739-0.1670i	1.0244-0.2529i	-1.7470-1.3243i	0.3062-0.0582i	-2.0335-5.2395i
39.6	0.1748-1.1599i	16.7947+3.6886i	-1.3120-1.5457i	0.2672-0.1647i	1.2627-0.2800i	-1.8097-1.2410i	0.3052-0.0602i	-2.3833-5.0557i
39.7	0.1155-1.0908i	16.7862+3.7543i	-1.3187-1.4454i	0.2537-0.1258i	1.3628-0.5175i	-1.8189-1.1454i	0.2970-0.0294i	-2.4560-4.7615i
39.8	0.1047-1.0649i	16.9739+3.9383i	-1.3226-1.3907i	0.2803-0.0878i	1.1738-0.5698i	-1.8050-1.0673i	0.3206+0.0083i	-2.4392-4.8084i
39.9	0.0994-1.0478i	17.2409+3.9703i	-1.3790-1.2893i	0.3227-0.0886i	1.2983-0.4956i	-1.8252-0.9943i	0.3639+0.0032i	-2.7305-4.7116i
40.0	0.0769-1.0291i	17.3690+3.9673i	-1.4074-1.1966i	0.3499-0.0914i	1.4780-0.4514i	-1.8295-0.9293i	0.3944-0.0068i	-2.9462-4.4926i
40.1	0.0462-1.0114i	17.4732+3.9248i	-1.4012-1.1148i	0.3598-0.0956i	1.5395-0.5225i	-1.8101-0.8694i	0.4063-0.0133i	-3.0047-4.2420i
40.2	0.0422-0.9978i	17.5516+3.9496i	-1.4146-1.0279i	0.3757-0.1029i	1.6178-0.6773i	-1.8260-0.7955i	0.4238-0.0220i	-3.0826-4.0102i
40.3	0.0474-0.9925i	17.5578+4.0523i	-1.4354-0.9463i	0.3891-0.1047i	1.7000-0.8051i	-1.8494-0.7328i	0.4355-0.0229i	-3.1251-3.8087i
40.4	0.0320-1.0046i	17.7190+3.9087i	-1.4080-0.8910i	0.3990-0.1170i	1.7466-0.8418i	-1.8358-0.6768i	0.4455-0.0390i	-3.1136-3.6545i
40.5	0.0119-1.0066i	17.7297+4.0130i	-1.3773-0.8577i	0.4150-0.1201i	1.7416-0.7255i	-1.8183-0.6472i	0.4568-0.0418i	-3.1206-3.6685i
40.6	0.0081-0.9740i	17.8739+4.1221i	-1.3817-0.8048i	0.4281-0.1278i	1.9232-0.8000i	-1.8192-0.6038i	0.4687-0.0548i	-3.2275-3.4711i
40.7	0.0280-0.9785i	17.9160+4.0932i	-1.3594-0.7096i	0.4361-0.1468i	1.8765-0.9793i	-1.8285-0.5071i	0.4784-0.0772i	-3.0473-3.2674i
40.8	0.0393-0.9802i	17.9800+4.1338i	-1.3318-0.6587i	0.4385-0.1442i	1.8857-1.0713i	-1.8233-0.4504i	0.4721-0.0695i	-2.9063-3.2125i
40.9	0.0579-1.0175i	18.0907+4.1569i	-1.3217-0.6302i	0.4786-0.1470i	1.9671-1.0115i	-1.8176-0.3995i	0.5037-0.0820i	-2.8617-3.2740i
41.0	0.0562-1.0774i	18.0898+4.2058i	-1.2953-0.5702i	0.4890-0.1736i	1.9869-1.0416i	-1.7964-0.3153i	0.5160-0.1091i	-2.8339-3.3065i
41.1	0.0045-1.1491i	18.0987+4.4372i	-1.2533-0.5378i	0.5134-0.1991i	2.1316-0.9821i	-1.7655-0.2415i	0.5469-0.1343i	-2.9763-3.4315i
41.2	-0.0995-1.1661i	18.1989+4.3615i	-1.2374-0.5761i	0.5080-0.2502i	2.3620-0.9830i	-1.7167-0.2194i	0.5386-0.1838i	-3.2153-3.4362i
41.3	-0.1649-1.1398i	18.4672+4.4381i	-1.2398-0.5390i	0.4781-0.2998i	2.4922-1.3475i	-1.6728-0.1695i	0.5097-0.2328i	-3.4559-3.1788i
41.4	-0.1819-1.1447i	18.6921+4.4650i	-1.1918-0.5185i	0.4602-0.2861i	2.2540-1.3896i	-1.6324-0.1593i	0.4930-0.2219i	-3.3631-3.0394i
41.5	-0.2176-1.1829i	18.6997+4.6183i	-1.2023-0.4678i	0.4582-0.2955i	2.4064-1.4829i	-1.6302-0.1003i	0.4846-0.2302i	-3.3309-3.0976i
41.6	-0.2748-1.1209i	18.8828+4.6553i	-1.1672-0.4073i	0.4397-0.3109i	2.3792-1.8157i	-1.5645-0.0881i	0.4651-0.2522i	-3.4611-2.7507i
41.7	-0.2562-1.1008i	18.9809+4.5506i	-1.1464-0.4138i	0.4395-0.3133i	2.3736-1.7208i	-1.5753-0.1001i	0.4647-0.2600i	-3.2081-2.5390i
41.8	-0.3085-1.1339i	18.9747+4.6072i	-1.1209-0.3928i	0.4606-0.3377i	2.5376-1.8558i	-1.5712-0.0305i	0.4792-0.2804i	-3.2192-2.6552i
41.9	-0.3947-1.0963i	19.1589+4.6806i	-1.0828-0.3691i	0.4403-0.3565i	2.4629-2.0725i	-1.5064+0.0150i	0.4576-0.2936i	-3.2797-2.6052i
42.0	-0.4580-1.0095i	19.2915+4.7892i	-1.0911-0.3641i	0.3911-0.3743i	2.4468-2.4385i	-1.4631+0.0275i	0.4094-0.3099i	-3.2867-2.3724i
42.1	-0.4564-0.9355i	19.5147+4.7027i	-1.0583-0.3983i	0.3919-0.3614i	2.3610-2.5669i	-1.4601+0.0144i	0.4065-0.3006i	-3.3104-2.1514i
42.2	-0.4330-0.8713i	19.6183+4.7244i	-1.0609-0.3851i	0.3911-0.3761i	2.2974-2.7155i	-1.4492+0.0644i	0.4037-0.3129i	-3.2927-1.9241i
42.3	-0.3610-0.8654i	19.5845+4.7249i	-1.0603-0.4137i	0.4027-0.3975i	2.0362-2.6774i	-1.4311+0.1100i	0.4114-0.3353i	-2.8229-1.8306i
42.4	-0.3123-0.8883i	19.7811+4.8266i	-1.1209-0.4174i	0.3914-0.4644i	1.9736-2.7824i	-1.3860+0.1334i	0.3948-0.3935i	-2.5040-2.1257i
42.5	-0.4006-0.9043i	19.9173+4.6814i	-1.1788-0.4063i	0.2503-0.5247i	1.9724-2.7584i	-1.3178+0.1421i	0.2583-0.4458i	-2.8046-2.3255i
42.6	-0.4259-0.8779i	20.0112+4.5629i	-1.2058-0.3661i	0.1854-0.4536i	2.1986-2.5419i	-1.2998+0.1229i	0.1974-0.3768i	-3.1209-2.3843i
42.7	-0.3156-0.8684i	20.0882+4.6824i	-1.1549-0.2780i	0.2208-0.3710i	2.0663-2.7680i	-1.3009+0.1229i	0.2328-0.2906i	-3.1951-2.2859i
42.8	-0.3291-0.9357i	20.0835+4.6383i	-1.1202-0.3015i	0.2255-0.4040i	2.0527-2.6764i	-1.3027+0.1479i	0.2402-0.3264i	-3.2532-2.0673i
42.9	-0.3262-0.9300i	20.1585+4.7032i	-1.0996-0.2636i	0.1815-0.3793i	2.0791-3.0142i	-1.2576+0.1846i	0.1899-0.3044i	-2.9971-1.8436i
43.0	-0.2655-0.9584i	20.4280+4.8030i	-1.0834-0.1894i	0.1881-0.2935i	1.6144-3.2212i	-1.1592+0.2263i	0.2013-0.2113i	-2.7652-1.9443i
43.1	-0.3033-0.9650i	20.6522+4.7708i	-1.1331-0.1781i	0.1999-0.3359i	1.8998-3.2903i	-1.1193+0.2076i	0.2135-0.2492i	-2.8473-1.8813i
43.2	-0.3161-1.0726i	20.7676+4.8286i	-1.1033-0.1213i	0.2142-0.3113i	1.8243-3.3592i	-1.1269+0.1812i	0.2291-0.2216i	-3.0253-1.9848i
43.3	-0.3827-1.0711i	20.7611+4.9204i	-1.1062-0.0843i	0.2159-0.3416i	2.0263-3.7899i	-1.1180+0.1983i	0.2344-0.2522i	-3.2953-1.6155i
43.4	-0.3953-1.0785i	20.7976+4.8973i	-1.0824-0.1084i	0.2060-0.3663i	1.7442-3.9976i	-1.1336+0.1882i	0.2225-0.2879i	-2.9038-1.0613i

43.5	-0.4287-1.1172i	20.7933+4.8606i	-1.1452-0.0959i	0.1507-0.3897i	1.6832-4.1054i	-1.1352+0.2306i	0.1657-0.3077i	-2.5782-1.0107i
43.6	-0.5667-1.1517i	21.1344+4.9229i	-1.1533-0.0649i	0.0294-0.3933i	1.4399-3.8782i	-1.0117+0.2683i	0.0461-0.3056i	-2.1922-1.4519i
43.7	-0.6068-1.1383i	21.2936+4.9707i	-1.1056+0.0094i	0.0511-0.3028i	1.6425-3.9705i	-0.9719+0.2313i	0.0675-0.2120i	-2.3937-1.6976i
43.8	-0.6380-1.3000i	21.4808+5.0383i	-0.9690+0.0833i	0.1405-0.2294i	1.2374-4.3334i	-0.9774+0.2044i	0.1600-0.1277i	-2.5437-1.8517i
43.9	-0.8100-1.3618i	21.7249+4.9798i	-0.8659+0.0565i	0.2133-0.2391i	0.8559-4.4555i	-0.9531+0.1982i	0.2385-0.1347i	-2.6377-1.8595i
44.0	-0.9713-1.2912i	21.8218+5.0565i	-0.8658-0.0369i	0.2371-0.3554i	0.7250-4.5599i	-0.9553+0.2054i	0.2663-0.2506i	-2.7795-1.6557i
44.1	-1.0143-1.0613i	22.0716+5.0843i	-0.9784-0.0450i	0.0732-0.4606i	0.1981-4.8634i	-0.9265+0.2318i	0.1093-0.3592i	-2.4802-1.0629i
44.2	-0.9897-1.0772i	22.0755+4.9335i	-1.0346-0.0727i	-0.0368-0.4401i	-0.1542-4.4940i	-0.9158+0.2173i	0.0015-0.3463i	-2.0782-1.0587i
44.3	-1.2329-1.1264i	22.3244+5.1194i	-0.9627+0.0192i	-0.0479-0.3385i	-0.5105-3.8702i	-0.8573+0.2404i	-0.0107-0.2411i	-2.0621-1.6510i
44.4	-1.3821-0.9058i	22.6305+5.0087i	-0.9461+0.0165i	-0.0871-0.2614i	-0.2624-3.4202i	-0.7792+0.2033i	-0.0460-0.1747i	-2.1984-1.6879i
44.5	-1.3052-0.7318i	22.7263+4.7096i	-0.9638-0.0381i	-0.0691-0.2655i	0.1109-3.4595i	-0.7832+0.1378i	-0.0292-0.1809i	-2.3305-1.5530i
44.6	-1.1625-0.7084i	22.8397+4.6967i	-0.9557+0.0402i	-0.1036-0.2220i	-0.3600-3.8566i	-0.8020+0.1185i	-0.0631-0.1354i	-2.1563-1.5170i
44.7	-1.1110-0.6277i	23.1628+4.6578i	-0.9372+0.1341i	-0.1854-0.0585i	-0.5888-3.5829i	-0.7620+0.0854i	-0.1468+0.0172i	-1.9285-1.5933i
44.8	-1.0602-0.6790i	23.2647+4.4058i	-0.8607+0.0838i	-0.0506+0.0326i	-0.3741-2.9797i	-0.8104+0.0279i	-0.0175+0.1005i	-2.0389-1.7820i
44.9	-1.1648-0.7893i	23.1198+4.2729i	-0.8360+0.0963i	0.1299+0.0320i	0.2532-3.0797i	-0.9021+0.0508i	0.1524+0.1131i	-2.3061-1.9826i
45.0	-1.2770-0.7494i	23.1381+4.4002i	-0.8220+0.1008i	0.1696-0.0508i	0.1370-3.5638i	-0.8988+0.1221i	0.1933+0.0360i	-2.2591-1.8411i
45.1	-1.3538-0.5737i	23.3200+4.4228i	-0.7900+0.0111i	0.1629-0.1707i	-0.2683-3.6216i	-0.8340+0.1347i	0.1981-0.0765i	-2.2166-1.8306i
45.2	-1.3067-0.4328i	23.5512+4.3660i	-0.7979-0.0171i	0.1554-0.1945i	-0.4994-3.3806i	-0.8052+0.0946i	0.1944-0.1012i	-2.4013-1.9389i
45.3	-1.2646-0.4082i	23.6878+4.2496i	-0.8057+0.1180i	0.0621-0.1402i	-0.8061-3.4301i	-0.7768+0.0884i	0.1021-0.0480i	-2.3817-1.9669i
45.4	-1.3123-0.3950i	23.7229+4.2475i	-0.7990+0.1516i	0.0318-0.0691i	-0.4954-3.0200i	-0.7849+0.0708i	0.0743+0.0159i	-2.4866-1.9639i
45.5	-1.2891-0.3192i	23.7854+4.2434i	-0.7734+0.1135i	0.0689-0.0853i	0.1169-3.3042i	-0.7966+0.0829i	0.1018-0.0055i	-2.5037-1.5440i
45.6	-1.2880-0.4240i	23.8727+4.2300i	-0.8127+0.0927i	0.0923-0.1016i	0.1344-3.9644i	-0.8265+0.0998i	0.1151-0.0194i	-2.1401-1.5289i
45.7	-1.3708-0.3712i	24.0178+4.1288i	-0.7690+0.1161i	0.1245-0.0875i	-0.5353-3.8873i	-0.8245+0.0895i	0.1564+0.0057i	-2.2557-1.8304i
45.8	-1.3985-0.2636i	24.1759+4.0950i	-0.7419+0.0955i	0.1377-0.1221i	-0.7377-3.6000i	-0.8304+0.1056i	0.1756-0.0296i	-2.4302-1.6605i
45.9	-1.4329-0.1295i	24.1514+4.2163i	-0.7474+0.1058i	0.1093-0.1462i	-0.9746-3.7092i	-0.7955+0.1443i	0.1471-0.0533i	-2.3290-1.5476i
46.0	-1.4335+0.0099i	24.2111+4.1735i	-0.7680+0.0901i	0.0636-0.2157i	-1.2414-3.7759i	-0.7609+0.1790i	0.1032-0.1224i	-2.1230-1.3339i
46.1	-1.3169+0.0445i	24.4088+3.9757i	-0.7613+0.0966i	-0.0126-0.1733i	-1.5052-3.2906i	-0.7178+0.1449i	0.0327-0.0866i	-1.9234-1.4533i
46.2	-1.3076+0.0113i	24.5339+3.9485i	-0.7308+0.1107i	-0.0031-0.0627i	-1.2502-2.7377i	-0.7092+0.0920i	0.0369+0.0182i	-1.8625-1.6944i
46.3	-1.2525+0.1283i	24.5747+3.9819i	-0.6949+0.1009i	0.0330-0.0484i	-1.1383-2.7694i	-0.7056+0.0663i	0.0703+0.0359i	-1.9644-1.8501i
46.4	-1.1647+0.2641i	24.6980+3.9941i	-0.7226+0.1234i	-0.0101-0.0187i	-1.2410-2.9285i	-0.6936+0.0573i	0.0270+0.0656i	-1.9100-1.9149i
46.5	-1.0537+0.2851i	24.8935+4.0420i	-0.7607+0.1615i	-0.0547+0.0820i	-1.3139-3.0012i	-0.6744+0.0250i	-0.0235+0.1706i	-1.7117-2.0771i
46.6	-1.0221+0.2336i	25.0181+3.8658i	-0.7433+0.2057i	0.0192+0.1481i	-1.5048-2.7337i	-0.6836+0.0050i	0.0563+0.2406i	-1.7294-2.3518i
46.7	-1.0331+0.2672i	25.0559+3.7367i	-0.6841+0.2146i	0.1392+0.1290i	-1.4029-2.4933i	-0.7212+0.0065i	0.1808+0.2217i	-2.0369-2.4460i
46.8	-1.0054+0.3364i	25.1311+3.6576i	-0.6392+0.1954i	0.2093+0.0748i	-1.1505-2.4935i	-0.7295+0.0161i	0.2507+0.1694i	-2.3147-2.3573i
46.9	-0.9065+0.3628i	25.1903+3.8571i	-0.5872+0.2089i	0.2288+0.0533i	-1.2944-2.6600i	-0.7211+0.0048i	0.2748+0.1502i	-2.4385-2.3296i
47.0	-0.8613+0.4026i	25.2223+3.8229i	-0.5800+0.1995i	0.2056+0.0223i	-1.4228-2.6021i	-0.7192+0.0022i	0.2552+0.1228i	-2.4826-2.3195i
47.1	-0.7703+0.4287i	25.3353+3.6951i	-0.6101+0.2167i	0.1279+0.0264i	-1.4901-2.5374i	-0.7155+0.0070i	0.1803+0.1278i	-2.4206-2.3102i
47.2	-0.6977+0.3978i	25.5028+3.6621i	-0.5730+0.1956i	0.1681+0.0338i	-1.4145-2.3563i	-0.7357+0.0004i	0.2211+0.1332i	-2.5753-2.2155i
47.3	-0.6849+0.4088i	25.5327+3.7201i	-0.5417+0.1789i	0.2038-0.0014i	-1.3531-2.3980i	-0.7545+0.0196i	0.2589+0.0934i	-2.6618-2.0094i
47.4	-0.6318+0.3698i	25.5457+3.7653i	-0.5299+0.1595i	0.1897-0.0007i	-1.4904-2.1826i	-0.7486+0.0236i	0.2499+0.0884i	-2.5340-1.9230i
47.5	-0.5829+0.3781i	25.5556+3.8167i	-0.5315+0.1828i	0.1744+0.0543i	-1.5057-2.0305i	-0.7351+0.0141i	0.2311+0.1461i	-2.4662-2.0311i
47.6	-0.5328+0.2836i	25.7817+3.8374i	-0.5031+0.1899i	0.2262+0.1337i	-1.4024-1.7876i	-0.7247-0.0286i	0.2802+0.2236i	-2.4464-2.1579i
47.7	-0.5379+0.2535i	25.7592+3.7551i	-0.4660+0.1672i	0.3038+0.0819i	-1.0327-1.9108i	-0.7385-0.0199i	0.3521+0.1698i	-2.5253-2.0780i
47.8	-0.5305+0.2949i	25.9183+3.8620i	-0.4788+0.1242i	0.3073-0.0018i	-1.1216-2.3917i	-0.7567-0.0067i	0.3548+0.0903i	-2.4787-1.9668i
47.9	-0.5120+0.3058i	26.1159+3.9158i	-0.5217+0.1098i	0.2490+0.0025i	-1.5870-2.3685i	-0.7563-0.0095i	0.3001+0.1053i	-2.3408-2.0655i
48.0	-0.4825+0.2600i	26.2205+3.8480i	-0.5251+0.1334i	0.2782+0.0698i	-1.7077-1.9273i	-0.7643-0.0222i	0.3322+0.1662i	-2.3683-2.1913i
48.1	-0.4605+0.2351i	26.3362+3.9313i	-0.5152+0.1216i	0.3343-0.0010i	-1.5543-1.7339i	-0.7722+0.0002i	0.3901+0.0890i	-2.3615-2.1735i
48.2	-0.4154+0.2542i	26.4307+3.9954i	-0.5360+0.1394i	0.2343-0.0314i	-1.5232-1.6630i	-0.7357-0.0007i	0.2939+0.0588i	-2.4082-2.2956i
48.3	-0.3732+0.2470i	26.5810+3.9911i	-0.5225+0.1835i	0.2067+0.0305i	-1.4515-1.5334i	-0.7241-0.0141i	0.2679+0.1213i	-2.5643-2.3829i
48.4	-0.3580+0.2178i	26.7119+4.0044i	-0.4726+0.2051i	0.2688+0.0458i	-1.2313-1.5235i	-0.7316+0.0001i	0.3316+0.1368i	-2.7613-2.2516i
48.5	-0.3539+0.1876i	26.8692+4.0623i	-0.4627+0.1891i	0.2492+0.0352i	-1.3534-1.6881i	-0.7211-0.0068i	0.3075+0.1222i	-2.5302-2.1815i
48.6	-0.3409+0.1495i	27.1502+3.9232i	-0.4760+0.2095i	0.2020+0.0889i	-1.5669-1.3934i	-0.7109-0.0370i	0.2642+0.1751i	-2.4452-2.4997i
48.7	-0.3381+0.1247i	27.2018+4.0050i	-0.4172+0.2074i	0.2680+0.1048i	-1.2471-1.1888i	-0.7290-0.0561i	0.3343+0.1884i	-2.6963-2.4655i
48.8	-0.3463+0.1488i	27.2015+4.1389i	-0.3737+0.1419i	0.2964+0.0193i	-0.9249-1.4912i	-0.7421-0.0467i	0.3540+0.1010i	-2.7381-2.1506i
48.9	-0.3028+0.1529i	27.3046+4.1803i	-0.4279+0.1243i	0.1855+0.0653i	-1.3778-1.6692i	-0.7230-0.0506i	0.2475+0.1469i	-2.4930-2.2535i
49.0	-0.2848+0.1213i	27.5657+4.2167i	-0.4167+0.1727i	0.2664+0.1747i	-1.4703-1.2308i	-0.7399-0.0619i	0.3303+0.2540i	-2.6229-2.5613i
49.1	-0.3040+0.0839i	27.8514+4.2778i	-0.3959+0.1651i	0.3110+0.1363i	-1.3431-1.0326i	-0.7420-0.0645i	0.3716+0.2183i	-2.6292-2.6198i
49.2	-0.3098+0.0560i	27.9188+4.2410i	-0.3628+0.1988i	0.3615+0.2102i	-1.1521-0.7942i	-0.7382-0.1090i	0.4174+0.2869i	-2.8718-2.9358i
49.3	-0.3270+0.0547i	27.9948+4.0988i	-0.3479+0.1919i	0.4158+0.1498i	-0.8600-0.9307i	-0.7683-0.0848i	0.4692+0.2311i	-3.0846-2.8575i
49.4	-0.3176+0.0884i	28.2140+4.0991i	-0.3732+0.1460i	0.3138+0.0544i	-0.9838-1.0502i	-0.7715-0.0744i	0.3708+0.1381i	-3.1013-2.7583i
49.5	-0.2962+0.0771i	28.4403+4.2094i	-0.3734+0.1575i	0.2726+0.1340i	-1.0122-0.9305i	-0.7699-0.0870i	0.3306+0.2180i	-3.1736-2.8277i
49.6	-0.2952+0.0456i	28.7972+4.1530i	-0.3569+0.1969i	0.3656+0.2610i	-0.6449-0.5924i	-0.8060-0.1197i	0.4192+0.3489i	-3.5475-3.0764i
49.7	-0.2786+0.0641i	28.8136+4.0964i	-0.3577+0.2158i	0.3826+0.2268i	-0.3693-0.7803i	-0.8250-0.0950i	0.4366+0.3144i	-3.7406-2.8331i

49.8	-0.2297+0.0324i	28.8865+4.2974i	-0.3211+0.2300i	0.4024+0.2315i	-0.3988-0.9943i	-0.8315-0.0960i	0.4636+0.3195i	-3.8168-2.5122i
49.9	-0.2300-0.0069i	29.0817+4.3953i	-0.2798+0.1910i	0.4109+0.2174i	-0.4443-1.1679i	-0.8263-0.0653i	0.4667+0.3000i	-3.7012-2.2248i
50.0	-0.2181-0.0633i	29.2365+4.3835i	-0.2664+0.1815i	0.4516+0.2826i	-0.4674-0.8884i	-0.8064-0.0975i	0.5034+0.3579i	-3.5853-2.3998i
50.1	-0.2409-0.0628i	29.4736+4.3597i	-0.2509+0.1634i	0.5392+0.2471i	-0.2524-0.9761i	-0.8545-0.1141i	0.5875+0.3289i	-3.6955-2.3996i
50.2	-0.2425-0.0830i	29.6542+4.4415i	-0.2546+0.1665i	0.5574+0.2623i	-0.2518-0.9703i	-0.8843-0.1189i	0.6023+0.3516i	-3.7765-2.4605i
50.3	-0.2550-0.0933i	29.9298+4.3825i	-0.2454+0.1558i	0.5935+0.2328i	-0.0942-1.0277i	-0.8997-0.0817i	0.6368+0.3239i	-3.9353-2.4065i
50.4	-0.2523-0.0746i	30.1449+4.4141i	-0.2375+0.1401i	0.6232+0.2053i	-0.0618-1.1610i	-0.8974-0.0679i	0.6688+0.2982i	-3.9715-2.2924i
50.5	-0.2647-0.1159i	30.3956+4.2731i	-0.2167+0.1296i	0.7073+0.1586i	-0.0036-1.2432i	-0.9363-0.0471i	0.7548+0.2552i	-4.0832-2.1073i
50.6	-0.2910-0.1174i	30.5395+4.1941i	-0.1979+0.1119i	0.7443+0.0430i	0.0565-1.4603i	-0.9495+0.0272i	0.7918+0.1426i	-4.1715-1.8579i
50.7	-0.2817-0.1215i	30.6441+4.3307i	-0.1967+0.0887i	0.6599-0.0211i	-0.1325-1.4490i	-0.9013+0.0501i	0.7073+0.0802i	-3.9344-1.7813i
50.8	-0.2797-0.1170i	30.8782+4.2901i	-0.2048+0.0856i	0.5959-0.0051i	-0.0817-1.2559i	-0.8739+0.0472i	0.6448+0.0979i	-3.8840-1.8748i
50.9	-0.2493-0.1252i	31.1235+4.2400i	-0.2081+0.0819i	0.5554-0.0057i	0.0640-1.4421i	-0.8523+0.0545i	0.6073+0.0959i	-3.8279-1.7627i
51.0	-0.2112-0.1501i	31.3440+4.2108i	-0.2150+0.1015i	0.4835+0.0780i	-0.2057-1.4073i	-0.8045+0.0242i	0.5331+0.1796i	-3.5329-2.0036i
51.1	-0.2362-0.1781i	31.3986+4.2141i	-0.1743+0.1371i	0.5569+0.1783i	0.0689-1.1420i	-0.8269-0.0317i	0.6089+0.2884i	-3.9469-2.3646i
51.2	-0.2545-0.1821i	31.5481+4.4402i	-0.1304+0.0754i	0.6304+0.0958i	0.3555-1.6492i	-0.8822+0.0055i	0.6880+0.2033i	-4.2358-1.8041i
51.3	-0.2245-0.2105i	31.9368+4.4934i	-0.1829+0.0534i	0.5164+0.1857i	-0.2381-1.6177i	-0.8190-0.0055i	0.5703+0.2937i	-3.6428-1.9278i
51.4	-0.2229-0.2818i	32.4598+4.3710i	-0.1810+0.1097i	0.6343+0.3462i	-0.0233-1.0496i	-0.8417-0.0791i	0.6927+0.4599i	-3.9838-2.4653i
51.5	-0.2603-0.3263i	32.4766+4.2328i	-0.1043+0.1649i	0.8566+0.4168i	0.5955-0.8114i	-0.9028-0.1179i	0.9121+0.5394i	-4.6704-2.7520i
51.6	-0.3162-0.3315i	32.3357+4.1893i	-0.0270+0.1521i	1.0242+0.3306i	1.0051-1.1428i	-0.9632-0.0812i	1.0841+0.4597i	-5.1782-2.4566i
51.7	-0.3660-0.2902i	32.4299+4.2360i	0.0345+0.0516i	1.1304+0.0595i	1.1283-1.9668i	-0.9984+0.0211i	1.2045+0.1917i	-5.3378-1.6261i
51.8	-0.3967-0.2764i	32.5772+4.4108i	0.0472-0.0174i	1.1229-0.0644i	1.0837-2.2807i	-0.9829+0.0510i	1.2017+0.0694i	-5.1629-1.2742i
51.9	-0.4085-0.2659i	32.8737+4.6104i	0.0236-0.0709i	1.0464-0.1244i	0.9455-2.5284i	-0.9539+0.0477i	1.1280+0.0060i	-4.8951-1.2048i
52.0	-0.3812-0.2690i	33.3750+4.7772i	-0.0463-0.0844i	0.9105-0.1291i	0.4345-2.5791i	-0.9264+0.0324i	0.9966+0.0011i	-4.7160-1.2913i
52.1	-0.4044-0.3167i	33.7598+4.6387i	-0.0338-0.0848i	0.9822-0.0912i	0.4654-2.3790i	-0.9783+0.0213i	1.0719+0.0388i	-4.9236-1.3444i
52.2	-0.4611-0.2824i	33.6596+4.6199i	0.0232-0.1250i	1.1091-0.2068i	0.8235-2.7004i	-1.0105+0.0853i	1.2079-0.0809i	-5.3160-0.8944i
52.3	-0.4600-0.2222i	33.6762+4.8520i	0.0036-0.2004i	1.0452-0.3842i	0.5599-3.2738i	-0.9797+0.1495i	1.1483-0.2594i	-5.0186-0.3258i
52.4	-0.4376-0.2185i	34.1430+4.7840i	-0.0878-0.2066i	0.8452-0.3189i	-0.1770-3.1143i	-0.9098+0.1166i	0.9483-0.1971i	-4.4561-0.5557i
52.5	-0.4450-0.2341i	34.6967+4.6448i	-0.1105-0.1860i	0.8729-0.2842i	-0.1580-2.9190i	-0.9346+0.1088i	0.9792-0.1700i	-4.5904-0.5427i
52.6	-0.4257-0.2429i	35.0024+4.9097i	-0.1122-0.2216i	0.8326-0.3758i	-0.3486-3.1792i	-0.9137+0.1479i	0.9400-0.2661i	-4.3673-0.1720i
52.7	-0.4328-0.2679i	35.2948+4.9797i	-0.1659-0.2088i	0.7216-0.2816i	-0.7835-2.8627i	-0.8521+0.1239i	0.8292-0.1714i	-3.9376-0.5365i
52.8	-0.4498-0.2798i	35.5749+5.0750i	-0.1655-0.1967i	0.7590-0.2392i	-0.7482-2.6494i	-0.8485+0.0932i	0.8674-0.1325i	-4.0349-0.6848i
52.9	-0.4698-0.2582i	35.8081+5.0887i	-0.1400-0.2062i	0.7996-0.3828i	-0.6336-2.7983i	-0.8429+0.1341i	0.9144-0.2753i	-4.1875-0.5345i
53.0	-0.4483-0.2480i	35.7271+4.8625i	-0.0931-0.1487i	0.8658-0.2250i	-0.3376-2.4557i	-0.8630+0.0610i	0.9802-0.1164i	-4.5661-0.8947i
53.1	-0.4153-0.2994i	35.9472+5.0956i	-0.0175-0.1755i	1.0548-0.2377i	0.1109-2.6798i	-0.9496+0.0469i	1.1711-0.1301i	-5.0129-0.5374i
53.2	-0.4910-0.3511i	36.2688+5.4999i	0.0098-0.2830i	1.1430-0.4278i	0.0407-3.0926i	-1.0061+0.0911i	1.2633-0.3216i	-4.9641-0.0635i
53.3	-0.5671-0.4034i	36.5579+5.7735i	0.0027-0.3484i	1.1004-0.5627i	-0.2314-3.2507i	-0.9960+0.1448i	1.2246-0.4585i	-4.7871+0.1466i
53.4	-0.6461-0.3664i	37.3028+6.0165i	-0.0783-0.3982i	0.9582-0.6388i	-0.5551-3.1989i	-0.9562+0.1759i	1.0823-0.5345i	-4.3922+0.2527i
53.5	-0.6655-0.2431i	38.0973+5.7564i	-0.1518-0.3613i	0.9011-0.5165i	-0.5863-2.9366i	-0.9419+0.1325i	1.0197-0.4140i	-4.2773-0.0334i
53.6	-0.5915-0.1594i	38.2763+5.7188i	-0.1356-0.3302i	0.9892-0.4918i	-0.4285-2.9502i	-0.9731+0.1131i	1.1090-0.3949i	-4.4766-0.0180i
53.7	-0.5181-0.2146i	38.8727+5.6002i	-0.1633-0.3594i	0.9031-0.6340i	-0.8753-3.1708i	-0.9734+0.1727i	1.0255-0.5413i	-3.9752+0.2919i
53.8	-0.5585-0.2870i	39.1654+5.3628i	-0.1582-0.3275i	0.8684-0.5434i	-0.8005-2.6924i	-0.9511+0.1593i	0.9875-0.4530i	-3.9893-0.1959i
53.9	-0.6055-0.2992i	39.2399+5.3757i	-0.0868-0.3745i	1.0672-0.6831i	-0.0748-3.1411i	-1.0436+0.2378i	1.1860-0.5876i	-4.6386+0.0696i
54.0	-0.6590-0.2639i	39.4739+5.5059i	-0.1138-0.4691i	0.9952-0.9305i	-0.3221-3.8433i	-1.0094+0.3527i	1.1190-0.8274i	-4.4033+0.5550i
54.1	-0.6473-0.2078i	40.1103+5.5255i	-0.1976-0.4603i	0.7786-0.8916i	-1.0328-3.8293i	-0.9036+0.3289i	0.9073-0.7918i	-3.9665+0.5359i
54.2	-0.6682-0.1784i	40.9818+5.4408i	-0.2673-0.4185i	0.6581-0.7565i	-1.3224-3.4484i	-0.8672+0.2722i	0.7879-0.6594i	-3.8648+0.2165i
54.3	-0.6765-0.1750i	41.2245+5.4334i	-0.2402-0.4276i	0.7356-0.7715i	-1.1423-3.4099i	-0.9058+0.2685i	0.8707-0.6836i	-4.1466+0.3843i
54.4	-0.6833-0.1811i	41.6360+5.4352i	-0.2556-0.4756i	0.6846-0.9125i	-1.3129-3.6999i	-0.8768+0.3375i	0.8228-0.8330i	-3.8892+0.7875i
54.5	-0.6580-0.1412i	42.2893+4.8998i	-0.3618-0.4111i	0.4470-0.8281i	-1.9335-3.4833i	-0.7759+0.3331i	0.5860-0.7512i	-3.2359+0.5992i
54.6	-0.6864-0.1276i	42.8557+5.1622i	-0.4259-0.4132i	0.3193-0.8284i	-2.2786-3.3693i	-0.7085+0.3344i	0.4538-0.7508i	-3.0049+0.5550i
54.7	-0.7109-0.1049i	43.4348+5.1683i	-0.4491-0.3606i	0.2644-0.6720i	-2.3965-2.9778i	-0.6731+0.2600i	0.3983-0.5946i	-2.9829+0.1239i
54.8	-0.6949-0.0967i	43.7331+4.9386i	-0.4141-0.2796i	0.3381-0.5083i	-2.1778-2.5888i	-0.6991+0.1883i	0.4735-0.4329i	-3.2668-0.1461i
54.9	-0.6831-0.0622i	44.3622+4.8651i	-0.3700-0.3038i	0.4480-0.5656i	-1.9176-2.8995i	-0.7598+0.2076i	0.5837-0.4920i	-3.3897+0.2410i
55.0	-0.6800-0.0172i	44.6491+4.8504i	-0.3547-0.3224i	0.4563-0.5996i	-2.0783-2.9414i	-0.7509+0.2140i	0.5927-0.5300i	-3.2494+0.3672i
55.1	-0.6834-0.0214i	44.9273+4.7853i	-0.3625-0.3214i	0.4162-0.5767i	-2.2042-2.7891i	-0.7180+0.2010i	0.5523-0.5101i	-3.1787+0.3218i
55.2	-0.6632+0.0113i	45.4533+4.6088i	-0.3901-0.2887i	0.3536-0.5310i	-2.3860-2.6482i	-0.6811+0.1935i	0.4864-0.4646i	-3.0137+0.2195i
55.3	-0.6359+0.0265i	46.2052+4.6709i	-0.4047-0.3000i	0.3530-0.5164i	-2.4372-2.5370i	-0.6979+0.1656i	0.4876-0.4574i	-2.8740+0.2168i
55.4	-0.6183+0.0159i	46.7474+4.6348i	-0.4072-0.3161i	0.3795-0.4936i	-2.3604-2.3728i	-0.7180+0.1319i	0.5110-0.4353i	-2.8656+0.1390i
55.5	-0.5749+0.0434i	47.3347+4.4210i	-0.3787-0.2804i	0.4676-0.4129i	-2.1791-2.1932i	-0.7452+0.1028i	0.5952-0.3524i	-2.9566-0.0257i
55.6	-0.5649+0.0293i	47.7810+4.3710i	-0.3513-0.3229i	0.5420-0.5369i	-2.0222-2.4673i	-0.7882+0.1427i	0.6676-0.4762i	-3.0560+0.1752i
55.7	-0.5430+0.0003i	48.1785+4.1171i	-0.3612-0.3262i	0.4762-0.5568i	-2.2248-2.5035i	-0.7501+0.1657i	0.6014-0.4976i	-2.8574+0.1853i
55.8	-0.4919+0.0097i	48.9805+3.8986i	-0.3969-0.2984i	0.3947-0.5027i	-2.4331-2.3550i	-0.7151+0.1474i	0.5200-0.4469i	-2.6409+0.0905i
55.9	-0.5092+0.0321i	49.7364+3.5818i	-0.4238-0.2663i	0.3479-0.4465i	-2.5040-2.1665i	-0.6921+0.1285i	0.4778-0.3912i	-2.6272-0.0460i
56.0	-0.4943+0.0080i	50.2928+3.5192i	-0.3945-0.2482i	0.4122-0.3699i	-2.4216-1.8827i	-0.7048+0.0782i	0.5398-0.3138i	-2.7429-0.3051i

56.1	-0.4957-0.0527i	51.0378+3.5612i	-0.3568-0.2607i	0.5304-0.4122i	-2.1455-1.9475i	-0.7629+0.0823i	0.6532-0.3553i	-2.9523-0.2650i
56.2	-0.5082-0.1089i	51.7591+3.2849i	-0.3591-0.2925i	0.4880-0.4861i	-2.2736-2.0722i	-0.7436+0.1007i	0.6076-0.4280i	-2.8126-0.1583i
56.3	-0.5311-0.0927i	52.2029+2.9383i	-0.3864-0.2930i	0.4417-0.4624i	-2.3651-1.9934i	-0.7281+0.0797i	0.5604-0.4040i	-2.6945-0.2036i
56.4	-0.5694-0.0760i	53.1320+2.8442i	-0.4086-0.3005i	0.4210-0.4947i	-2.4430-1.9929i	-0.7256+0.0939i	0.5417-0.4323i	-2.6833-0.2627i
56.5	-0.5843-0.0739i	53.6001+2.2724i	-0.3880-0.2708i	0.4482-0.4425i	-2.3981-1.8665i	-0.7349+0.0798i	0.5714-0.3778i	-2.7378-0.3426i
56.6	-0.5828-0.0524i	54.3359+1.7770i	-0.3796-0.2530i	0.4482-0.3880i	-2.4300-1.7310i	-0.7277+0.0467i	0.5755-0.3312i	-2.7000-0.3704i
56.7	-0.5850-0.0467i	54.8631+1.6650i	-0.3787-0.2622i	0.4542-0.3763i	-2.4315-1.6277i	-0.7191+0.0210i	0.5832-0.3224i	-2.6793-0.4211i
56.8	-0.5769-0.0687i	55.8541+1.1950i	-0.3856-0.2481i	0.4442-0.3539i	-2.4774-1.5461i	-0.7240+0.0088i	0.5699-0.3033i	-2.6597-0.4879i
56.9	-0.5608-0.0487i	56.4619+0.9950i	-0.3827-0.2489i	0.4725-0.3361i	-2.4207-1.5022i	-0.7592-0.0134i	0.5968-0.2854i	-2.6667-0.5284i
57.0	-0.5958-0.0469i	57.3116+0.5132i	-0.3663-0.2474i	0.5232-0.2916i	-2.2828-1.4273i	-0.7885-0.0440i	0.6466-0.2380i	-2.7790-0.6203i
57.1	-0.6378-0.0733i	57.9318+0.1345i	-0.3543-0.2566i	0.5525-0.2926i	-2.2261-1.3357i	-0.8030-0.0501i	0.6718-0.2417i	-2.7891-0.6944i
57.2	-0.6335-0.0541i	58.9782-0.3445i	-0.3438-0.2463i	0.5698-0.2651i	-2.1142-1.2005i	-0.8136-0.0722i	0.6873-0.2177i	-2.8079-0.7504i
57.3	-0.6378-0.0311i	59.7311-0.8492i	-0.3403-0.2517i	0.6008-0.2918i	-2.0576-1.2646i	-0.8306-0.0656i	0.7145-0.2417i	-2.8481-0.7316i
57.4	-0.5891-0.0358i	60.6460-1.5868i	-0.3531-0.2668i	0.6050-0.3297i	-2.0838-1.3160i	-0.8509-0.0527i	0.7131-0.2805i	-2.7659-0.6949i
57.5	-0.6141-0.0255i	61.3153-1.8204i	-0.3527-0.2911i	0.6298-0.3684i	-2.0212-1.3264i	-0.8703-0.0408i	0.7368-0.3185i	-2.7886-0.7222i
57.6	-0.6304-0.0596i	62.1585-2.2191i	-0.3354-0.2840i	0.6529-0.3172i	-1.9996-1.2488i	-0.8751-0.0560i	0.7617-0.2680i	-2.7477-0.7802i
57.7	-0.6640-0.0794i	63.0951-3.1940i	-0.3449-0.3015i	0.6388-0.3523i	-1.9839-1.2672i	-0.8807-0.0373i	0.7458-0.3028i	-2.7230-0.8144i
57.8	-0.6359-0.0179i	63.9119-3.8849i	-0.3506-0.2988i	0.6153-0.3599i	-1.9984-1.2472i	-0.8738-0.0368i	0.7222-0.3120i	-2.7253-0.8222i
57.9	-0.6830+0.0226i	64.8820-4.4693i	-0.3389-0.2880i	0.6573-0.3574i	-1.9266-1.1845i	-0.8787-0.0416i	0.7651-0.3105i	-2.7474-0.8680i
58.0	-0.7257-0.0416i	66.0683-5.5907i	-0.3250-0.2815i	0.6964-0.3017i	-1.9020-1.1205i	-0.8909-0.0707i	0.7982-0.2535i	-2.7047-0.9681i
58.1	-0.7920-0.0347i	67.0661-6.3814i	-0.3293-0.3008i	0.6845-0.3252i	-1.8508-1.1627i	-0.8945-0.0585i	0.7814-0.2741i	-2.7202-1.0330i
58.2	-0.8339+0.0653i	68.1094-6.9484i	-0.3407-0.3267i	0.6735-0.4002i	-1.7718-1.2291i	-0.9014-0.0205i	0.7699-0.3432i	-2.7611-1.0560i
58.3	-0.8027+0.0788i	68.9566-8.8224i	-0.2859-0.3438i	0.7642-0.4055i	-1.6255-1.2050i	-0.9174-0.0486i	0.8580-0.3488i	-2.7941-1.0819i
58.4	-0.7799+0.0785i	70.3312-10.7075i	-0.3036-0.3346i	0.7439-0.3716i	-1.6524-1.2175i	-0.9075-0.0636i	0.8385-0.3117i	-2.7163-1.1134i
58.5	-0.7703+0.1723i	71.1795-12.4802i	-0.3232-0.3506i	0.6872-0.4007i	-1.7041-1.2346i	-0.8835-0.0545i	0.7824-0.3378i	-2.6987-1.1558i
58.6	-0.7135+0.2444i	71.2935-14.4202i	-0.3235-0.3703i	0.6972-0.4168i	-1.6874-1.2423i	-0.8874-0.0704i	0.7910-0.3523i	-2.6630-1.2537i
58.7	-0.6648+0.2077i	72.0949-16.9132i	-0.3031-0.4122i	0.7353-0.4450i	-1.5473-1.2956i	-0.8989-0.1022i	0.8240-0.3739i	-2.6537-1.3571i
58.8	-0.5750+0.1934i	72.5153-20.1740i	-0.3223-0.4142i	0.7051-0.3845i	-1.5701-1.3844i	-0.9028-0.1458i	0.7908-0.3155i	-2.6286-1.4118i
58.9	-0.5404+0.2281i	72.7592-23.1616i	-0.3310-0.4331i	0.6953-0.3788i	-1.5732-1.4423i	-0.8991-0.1787i	0.7799-0.3074i	-2.6099-1.5063i
59.0	-0.5610+0.1465i	71.7476-26.4915i	-0.3511-0.4710i	0.6773-0.3950i	-1.5923-1.5783i	-0.9058-0.2078i	0.7590-0.3130i	-2.5596-1.7313i
59.1	-0.4955+0.1593i	68.6972-29.8580i	-0.3908-0.4850i	0.6566-0.3370i	-1.6440-1.6375i	-0.9184-0.2588i	0.7407-0.2491i	-2.6003-1.8466i
59.2	-0.5528+0.1604i	65.4459-32.2345i	-0.4541-0.5304i	0.6111-0.3860i	-1.7305-1.7896i	-0.9579-0.2668i	0.6988-0.2889i	-2.6326-1.9753i
59.3	-0.6167+0.1370i	61.7499-33.8885i	-0.4879-0.5564i	0.6092-0.3583i	-1.7882-1.9144i	-1.0031-0.3077i	0.6996-0.2551i	-2.7405-2.1786i
59.4	-0.6758+0.1191i	57.1339-33.9990i	-0.5340-0.5613i	0.6518-0.3353i	-1.9311-1.9809i	-1.0761-0.3188i	0.7471-0.2195i	-2.9191-2.4263i
59.5	-0.6876+0.1036i	52.6226-33.0077i	-0.6095-0.5202i	0.6204-0.2551i	-2.1402-1.9521i	-1.1265-0.3451i	0.7246-0.1381i	-3.1008-2.6111i
59.6	-0.7062+0.1219i	49.2769-30.4358i	-0.6661-0.4610i	0.6187-0.2199i	-2.3703-1.8586i	-1.1703-0.3272i	0.7327-0.1016i	-3.3241-2.7065i
59.7	-0.7413+0.1975i	47.1249-27.3503i	-0.6815-0.4092i	0.6949-0.1280i	-2.4641-1.7682i	-1.2300-0.3261i	0.8162-0.0073i	-3.5692-2.7789i
59.8	-0.6968+0.2571i	46.5244-23.3244i	-0.7121-0.3520i	0.7432-0.0482i	-2.5585-1.6357i	-1.2906-0.3267i	0.8749+0.0682i	-3.8075-2.7677i
59.9	-0.6315+0.2784i	46.3628-19.1688i	-0.7204-0.2700i	0.7810+0.0575i	-2.6814-1.4658i	-1.3208-0.3223i	0.9180+0.1797i	-3.9599-2.7090i
60.0	-0.6466+0.3405i	47.1267-16.2292i	-0.7379-0.2137i	0.8107+0.0649i	-2.7292-1.3590i	-1.3426-0.2792i	0.9617+0.1772i	-4.0438-2.6634i
60.1	-0.6053+0.4118i	48.7995-14.4429i	-0.7297-0.1945i	0.8490+0.0303i	-2.7375-1.2497i	-1.3484-0.2533i	1.0002+0.1417i	-4.1728-2.5392i
60.2	-0.5765+0.3929i	50.9150-12.6333i	-0.6613-0.1618i	1.0356+0.0523i	-2.6497-1.0582i	-1.4220-0.2485i	1.1808+0.1581i	-4.3771-2.5562i
60.3	-0.5300+0.3749i	52.6809-10.8841i	-0.6299-0.1107i	1.1324+0.1339i	-2.6530-0.9067i	-1.4561-0.2523i	1.2779+0.2362i	-4.4241-2.5405i
60.4	-0.5045+0.4222i	54.4972-9.5814i	-0.6150-0.0664i	1.1783+0.1942i	-2.6352-0.7996i	-1.4772-0.2531i	1.3294+0.2947i	-4.4546-2.4703i
60.5	-0.4248+0.4193i	56.6327-9.3891i	-0.5748-0.0397i	1.2744+0.2026i	-2.5773-0.7069i	-1.5035-0.2441i	1.4263+0.3031i	-4.5370-2.4874i
60.6	-0.3739+0.4050i	58.6083-8.8284i	-0.5539-0.0319i	1.3688+0.1872i	-2.5129-0.6678i	-1.5386-0.2261i	1.5179+0.2913i	-4.6607-2.5144i
60.7	-0.3561+0.4147i	60.6604-8.9040i	-0.5090-0.0164i	1.4845+0.1904i	-2.4417-0.6235i	-1.5783-0.2083i	1.6335+0.2896i	-4.7601-2.4938i
60.8	-0.2796+0.3693i	62.8016-8.1341i	-0.4794-0.0100i	1.5940+0.2063i	-2.3464-0.5477i	-1.6151-0.2222i	1.7429+0.3051i	-4.8155-2.5551i
60.9	-0.2358+0.3233i	64.5576-8.3686i	-0.4674+0.0034i	1.6603+0.1825i	-2.3402-0.5181i	-1.6336-0.2072i	1.8108+0.2806i	-4.8539-2.5313i
61.0	-0.2798+0.2181i	66.3309-9.0138i	-0.4216-0.0014i	1.7986+0.1594i	-2.2441-0.5012i	-1.6882-0.2025i	1.9443+0.2596i	-4.9341-2.5091i
61.1	-0.2496+0.0383i	68.2428-9.8363i	-0.3628+0.0414i	1.9243+0.2254i	-2.2252-0.3435i	-1.7164-0.2189i	2.0754+0.3215i	-5.0832-2.5339i
61.2	-0.3047+0.0049i	69.5006-9.8617i	-0.3210+0.0465i	2.0789+0.2006i	-2.1264-0.2494i	-1.7740-0.2111i	2.2296+0.2926i	-5.1454-2.5820i
61.3	-0.2857+0.0544i	71.9286-10.5448i	-0.2940+0.0621i	2.1869+0.2165i	-2.1422-0.2510i	-1.8157-0.2177i	2.3392+0.3087i	-5.2472-2.5419i
61.4	-0.2983+0.1145i	73.3401-11.1547i	-0.2614+0.0560i	2.3312+0.1539i	-2.1155-0.2715i	-1.8702-0.1934i	2.4830+0.2537i	-5.2882-2.5243i
61.5	-0.3191+0.1480i	74.9670-11.7018i	-0.2112+0.0317i	2.4858+0.0145i	-2.0446-0.3391i	-1.9210-0.1443i	2.6374+0.1240i	-5.3781-2.5529i
61.6	-0.3512+0.1211i	76.4759-12.4828i	-0.1779+0.0100i	2.5997-0.0516i	-1.9844-0.3829i	-1.9688-0.1232i	2.7515+0.0546i	-5.4502-2.5619i
61.7	-0.4485-0.0031i	77.7166-13.5878i	-0.1062+0.0048i	2.8211-0.1271i	-1.8533-0.2411i	-2.0496-0.1095i	2.9692-0.0275i	-5.5466-2.5950i
61.8	-0.4580-0.0528i	78.9314-14.4252i	-0.0601-0.0056i	2.9674-0.2235i	-1.8168-0.1116i	-2.0892-0.0836i	3.1174-0.1235i	-5.6255-2.5977i
61.9	-0.4892+0.0129i	80.7549-16.1132i	-0.0033-0.0458i	3.1569-0.4283i	-1.8122-0.1411i	-2.1677-0.0062i	3.3050-0.3202i	-5.7934-2.6328i
62.0	-0.5864-0.0053i	82.6222-17.3330i	0.0593-0.0826i	3.3475-0.5668i	-1.7161-0.1048i	-2.2539+0.0378i	3.4947-0.4591i	-5.9597-2.6483i
62.1	-0.6569-0.0161i	84.0896-18.5026i	0.0837-0.1359i	3.4643-0.7829i	-1.6286-0.1444i	-2.2970+0.1171i	3.6143-0.6666i	-6.0599-2.5967i
62.2	-0.6028+0.1225i	85.5698-20.5228i	0.1015-0.1845i	3.5992-0.9991i	-1.6310-0.1410i	-2.3538+0.1846i	3.7515-0.8782i	-6.1621-2.5883i
62.3	-0.6436+0.1631i	87.0412-21.5436i	0.1403-0.2374i	3.7175-1.2384i	-1.5000-0.1497i	-2.4036+0.2650i	3.8735-1.1146i	-6.2949-2.6273i

62.4	-0.6324+0.3010i	88.4787-22.4678i	0.1529-0.2724i	3.8056-1.4456i	-1.5359-0.1302i	-2.4322+0.3357i	3.9648-1.3181i	-6.3825-2.6631i
62.5	-0.6537+0.3258i	89.4602-23.6491i	0.1607-0.3080i	3.8617-1.6084i	-1.5158-0.0975i	-2.4519+0.3863i	4.0178-1.4787i	-6.4741-2.6499i
62.6	-0.7130+0.2973i	91.1305-24.9835i	0.1827-0.3688i	3.9534-1.8468i	-1.3495-0.1570i	-2.5001+0.4638i	4.1096-1.7088i	-6.6313-2.6763i
62.7	-0.6347+0.4065i	92.7197-27.4693i	0.2280-0.4264i	4.0960-2.1220i	-1.3575-0.0842i	-2.5369+0.5483i	4.2626-1.9830i	-6.7813-2.6850i
62.8	-0.6505+0.3893i	93.8400-29.6306i	0.2018-0.4854i	4.0445-2.4455i	-1.3001-0.0881i	-2.5428+0.6562i	4.2164-2.3046i	-6.9164-2.6062i
62.9	-0.6986+0.4162i	95.4586-31.0725i	0.2131-0.5214i	4.1197-2.6692i	-1.2163-0.0733i	-2.5835+0.7243i	4.2955-2.5209i	-7.0525-2.6485i
63.0	-0.6638+0.4517i	96.9929-33.1285i	0.2296-0.5550i	4.1758-2.9045i	-1.1806-0.0800i	-2.6152+0.7952i	4.3547-2.7483i	-7.2182-2.7236i
63.1	-0.7773+0.4288i	98.9450-35.0092i	0.2389-0.5938i	4.1302-3.0948i	-1.1181-0.0805i	-2.6077+0.8466i	4.3161-2.9329i	-7.3946-2.7402i
63.2	-0.6147+0.5346i	99.9045-36.6907i	0.2318-0.6721i	4.1173-3.5600i	-1.0562-0.0886i	-2.6198+0.9893i	4.3082-3.3900i	-7.5640-2.8258i
63.3	-0.4466+0.6048i	100.0331-39.5095i	0.2062-0.7458i	3.9851-3.9778i	-1.0287-0.0178i	-2.5906+1.1054i	4.1848-3.8037i	-7.7501-2.7900i
63.4	-0.6274+0.6164i	101.4005-42.2153i	0.1960-0.7852i	3.8594-4.2695i	-0.9613-0.0560i	-2.5627+1.1998i	4.0728-4.0905i	-8.0031-2.7274i
63.5	-0.5445+0.6302i	102.7370-45.6194i	0.1693-0.8240i	3.6576-4.5554i	-0.9372-0.0414i	-2.5074+1.2860i	3.8789-4.3751i	-8.2480-2.7120i
63.6	-0.3903+0.6508i	103.7634-47.6926i	0.1457-0.8643i	3.4730-4.8452i	-0.8463+0.0269i	-2.4728+1.3479i	3.7037-4.6578i	-8.4476-2.7762i
63.7	-0.4415+0.6553i	104.2216-49.0549i	0.1268-0.8967i	3.3016-5.1182i	-0.7389-0.0026i	-2.4390+1.4121i	3.5447-4.9235i	-8.6017-2.8574i
63.8	-0.3927+0.6481i	104.0806-51.3717i	0.1058-0.9354i	3.0575-5.3254i	-0.6202-0.0229i	-2.3868+1.4722i	3.3051-5.1344i	-8.7840-2.7919i
63.9	-0.3377+0.6742i	105.5632-54.3743i	0.0840-0.9802i	2.7529-5.6116i	-0.4200-0.0483i	-2.3548+1.5447i	3.0105-5.4176i	-9.1806-2.7628i
64.0	-0.3557+0.7783i	107.3581-57.6805i	0.0913-1.0149i	2.5990-5.8589i	-0.3123+0.0087i	-2.3432+1.6160i	2.8757-5.6633i	-9.5823-2.7526i
64.1	-0.6914+1.0216i	107.9921-61.3374i	0.0567-1.0438i	2.2919-5.8524i	-0.2701-0.2416i	-2.2961+1.6321i	2.5808-5.6558i	-9.8121-2.5044i
64.2	-0.5573+1.0264i	108.2413-63.8893i	0.0573-1.0618i	2.0420-5.8838i	-0.0835-0.3034i	-2.2669+1.6391i	2.3423-5.6884i	-10.1205-2.4460i
64.3	-0.5107+1.0374i	109.1468-67.2765i	0.0749-1.0823i	1.8948-5.9566i	0.0756-0.2586i	-2.2737+1.6445i	2.2046-5.7648i	-10.4607-2.3840i
64.4	-0.3936+1.0942i	107.9681-70.0522i	0.0477-1.1248i	1.6563-6.1466i	0.1896-0.3367i	-2.2333+1.7224i	1.9803-5.9516i	-10.7475-2.1871i
64.5	-0.1397+1.1118i	107.3606-72.1879i	0.0277-1.1818i	1.4378-6.3416i	0.3437-0.4508i	-2.1752+1.8085i	1.7746-6.1494i	-11.0312-2.0239i
64.6	-0.2158+1.3310i	107.1027-76.8139i	0.0162-1.2151i	1.2844-6.3802i	0.4107-0.6448i	-2.1544+1.8560i	1.6302-6.1977i	-11.2697-1.6765i
64.7	-0.1870+1.4316i	107.9224-80.7911i	0.0368-1.2637i	1.2352-6.5198i	0.5219-0.7452i	-2.1801+1.8986i	1.5901-6.3386i	-11.6101-1.5095i
64.8	-0.0670+1.5358i	107.8743-83.6078i	0.0432-1.3297i	1.0395-6.7369i	0.6524-0.9793i	-2.1541+1.9748i	1.4101-6.5540i	-11.8863-1.3013i
64.9	0.0130+1.7090i	106.6262-87.9832i	0.0213-1.4012i	0.6877-6.8799i	0.6541-1.1999i	-2.0531+2.0513i	1.0742-6.7034i	-12.0861-0.9211i
65.0	0.2327+1.6184i	105.1461-89.1603i	-0.0421-1.4564i	0.3215-7.0627i	0.6718-1.2556i	-1.9503+2.0823i	0.7208-6.8960i	-12.2113-0.8026i
65.1	0.4789+1.6243i	104.6341-91.9897i	-0.0958-1.5192i	-0.0559-7.3376i	0.7314-1.4451i	-1.8556+2.1468i	0.3672-7.1830i	-12.5565-0.5003i
65.2	0.7398+1.4197i	103.8330-95.0588i	-0.1423-1.5812i	-0.5291-7.4804i	0.9623-1.6094i	-1.7779+2.1396i	-0.1010-7.3365i	-12.9169-0.2165i
65.3	0.8510+1.5479i	101.3274-98.5244i	-0.1724-1.6348i	-0.8255-7.4372i	0.9119-1.8809i	-1.7061+2.1248i	-0.3922-7.3048i	-12.9925+0.1413i
65.4	1.0424+1.6872i	100.5327-102.9125i	-0.2479-1.6980i	-1.1446-7.4736i	0.7456-2.1316i	-1.6485+2.1217i	-0.6927-7.3491i	-13.1931+0.5283i
65.5	1.1934+1.7253i	98.4446-104.9672i	-0.3213-1.7064i	-1.4468-7.5262i	0.5931-2.2708i	-1.6149+2.1117i	-0.9846-7.4147i	-13.2280+0.8360i
65.6	1.4655+1.6553i	96.8321-109.5879i	-0.3749-1.7571i	-1.9620-7.7036i	0.5695-2.3639i	-1.5660+2.1020i	-1.4856-7.6125i	-13.4758+1.2066i
65.7	1.6621+1.4999i	95.9569-111.2844i	-0.4464-1.7742i	-2.5099-7.6704i	0.4881-2.5226i	-1.5338+2.0655i	-2.0238-7.5900i	-13.6323+1.5108i
65.8	1.8195+1.3731i	94.1692-113.6209i	-0.5072-1.8146i	-3.0869-7.5514i	0.4537-2.7492i	-1.5368+2.0479i	-2.5951-7.4806i	-13.8377+1.8043i
65.9	2.1244+1.5075i	89.3241-118.1572i	-0.5988-1.8450i	-3.4068-7.2693i	0.2104-2.9262i	-1.5282+2.0529i	-2.9141-7.2150i	-13.8131+2.3163i
66.0	2.1945+1.2007i	90.0727-120.1530i	-0.6602-1.8489i	-3.8325-6.9931i	0.1504-3.0928i	-1.5717+2.0289i	-3.3297-6.9456i	-14.0838+2.5983i
66.1	2.3300+0.9446i	88.7076-122.6971i	-0.6978-1.8634i	-4.4206-6.7660i	0.1884-3.1517i	-1.5459+1.9718i	-3.9138-6.7402i	-14.2364+2.9368i
66.2	2.4830+0.7285i	88.1582-125.3196i	-0.7436-1.8397i	-4.8494-6.4106i	0.0569-3.2872i	-1.5579+1.9748i	-4.3272-6.4018i	-14.4399+3.3500i
66.3	2.6792+0.6266i	85.9740-128.3242i	-0.7955-1.8455i	-5.1502-6.1095i	-0.1189-3.4187i	-1.5825+2.0050i	-4.6217-6.1113i	-14.5039+3.7650i
66.4	2.9751+0.4488i	81.9460-131.4023i	-0.8596-1.8711i	-5.4572-5.6952i	-0.2190-3.5706i	-1.6176+2.0427i	-4.9323-5.7174i	-14.5187+4.2939i
66.5	3.0439+0.0576i	80.3969-136.1175i	-0.9193-1.8696i	-5.7749-5.2611i	-0.3584-3.6258i	-1.6512+2.0993i	-5.2447-5.3075i	-14.7058+4.8623i
66.6	3.0309-0.3193i	78.4334-139.9319i	-0.9506-1.8533i	-6.0723-4.7493i	-0.4239-3.7836i	-1.7187+2.1394i	-5.5415-4.8128i	-14.8172+5.4044i
66.7	2.9519-0.7226i	78.1271-144.1259i	-0.9759-1.8738i	-6.3464-4.3354i	-0.4783-3.8782i	-1.8097+2.1937i	-5.8078-4.4137i	-15.0947+5.8899i
66.8	3.0094-0.9036i	76.5180-146.7803i	-1.0162-1.8568i	-6.4232-4.0280i	-0.7584-3.8458i	-1.7648+2.2421i	-5.8732-4.1221i	-15.0572+6.1839i
66.9	3.2056-0.9883i	70.3719-148.8265i	-1.0495-1.8395i	-6.3054-3.7039i	-1.0658-3.5763i	-1.7577+2.2870i	-5.7612-3.8230i	-14.6290+6.5861i
67.0	3.2689-1.2223i	65.8933-150.4624i	-1.0620-1.8461i	-6.1189-3.4552i	-1.2101-3.4662i	-1.8032+2.3460i	-5.5864-3.5890i	-14.3845+6.9025i
67.1	3.0571-1.6681i	61.4558-153.6400i	-1.1160-1.8753i	-6.2295-2.8638i	-1.1671-3.6105i	-1.8009+2.4598i	-5.7063-3.0130i	-14.3670+7.5027i
67.2	3.0287-1.9562i	57.1898-156.4023i	-1.1531-1.8927i	-6.2959-2.5156i	-1.2830-3.6030i	-1.7925+2.5468i	-5.7779-2.6790i	-14.2884+7.9254i
67.3	3.0159-2.1380i	55.7641-159.4306i	-1.1688-1.9210i	-6.2927-2.3852i	-1.4694-3.4697i	-1.7959+2.6475i	-5.7649-2.5630i	-14.3734+8.2362i
67.4	2.4688-2.6137i	51.5142-164.8301i	-1.2092-1.9769i	-6.3269-1.7604i	-1.4316-3.6235i	-1.7453+2.8206i	-5.7962-1.9542i	-14.4739+9.0198i
67.5	2.2945-2.8361i	43.6414-165.8817i	-1.2586-2.0034i	-6.1889-1.2982i	-1.3927-3.6168i	-1.6680+2.9185i	-5.6776-1.5148i	-14.1317+9.5785i
67.6	2.1946-2.9802i	38.6859-166.2349i	-1.3088-2.0271i	-6.0397-0.9756i	-1.3458-3.5626i	-1.6046+2.9797i	-5.5404-1.2111i	-13.9214+9.9464i
67.7	1.9602-3.1680i	32.4116-167.9506i	-1.3989-2.0787i	-6.0263-0.6300i	-1.3339-3.5939i	-1.4979+3.1096i	-5.5337-0.8796i	-13.7677+10.5444i
67.8	2.0099-3.2287i	28.9637-168.1011i	-1.4367-2.1261i	-5.9153-0.5333i	-1.3666-3.5482i	-1.4553+3.1675i	-5.4255-0.7923i	-13.5940+10.7537i
67.9	1.3888-3.3160i	22.9702-172.5734i	-1.5631-2.1695i	-5.6901-0.0903i	-1.3936-3.7623i	-1.3459+3.2794i	-5.2038-0.3750i	-13.4169+11.6986i
68.0	1.2777-3.4481i	17.4987-172.4622i	-1.6632-2.2041i	-5.4581+0.3407i	-1.3013-4.0413i	-1.2481+3.3289i	-4.9873+0.0446i	-13.1786+12.2753i
68.1	1.1905-3.5218i	11.3986-172.9459i	-1.7593-2.2494i	-5.3494+0.6211i	-1.1761-4.1672i	-1.1883+3.3642i	-4.9030+0.3061i	-12.8963+12.8329i
68.2	1.0032-3.5594i	5.3299-171.3849i	-1.8511-2.2341i	-5.0873+0.8797i	-1.1719-4.3256i	-1.0890+3.3871i	-4.6614+0.5578i	-12.3447+13.2776i
68.3	0.8116-3.6531i	0.6395-172.0718i	-1.9378-2.2462i	-4.8143+1.0268i	-1.3218-4.4957i	-1.0223+3.4459i	-4.3990+0.6949i	-11.9506+13.7784i
68.4	0.4694-3.8198i	-7.0388-172.1183i	-2.0808-2.2544i	-4.4338+1.4491i	-1.4298-4.9667i	-0.9368+3.5108i	-4.0424+1.1095i	-11.3472+14.6213i
68.5	0.1488-3.8568i	-12.8019-171.8253i	-2.1915-2.2096i	-4.0782+1.7067i	-1.7225-5.2417i	-0.8343+3.5378i	-3.6983+1.3567i	-10.6792+15.1628i
68.6	0.0712-4.0105i	-18.0835-169.9261i	-2.3058-2.2017i	-3.8546+1.7674i	-1.8824-5.3814i	-0.7630+3.6211i	-3.4922+1.4178i	-10.1041+15.4279i

68.7	-0.1326-4.0119i	-21.3065-167.9509i	-2.3700-2.1674i	-3.5252+1.7734i	-2.1711-5.4114i	-0.7108+3.6583i	-3.1692+1.4225i	-9.6206+15.5525i
68.8	-0.4216-4.0019i	-26.9808-165.3442i	-2.4743-2.1279i	-3.1649+1.8078i	-2.4540-5.5039i	-0.5939+3.7174i	-2.8245+1.4542i	-8.8825+15.7110i
68.9	-0.6157-4.1140i	-32.8699-162.1195i	-2.5827-2.0972i	-2.8880+1.9007i	-2.7275-5.7039i	-0.4587+3.7605i	-2.5625+1.5504i	-8.1983+15.8598i
69.0	-0.8376-4.1514i	-38.4205-160.2559i	-2.7153-2.1092i	-2.5626+1.9360i	-3.0221-5.8348i	-0.3424+3.8398i	-2.2516+1.5890i	-7.5114+16.1097i
69.1	-1.1681-3.9583i	-42.4503-157.5575i	-2.8063-2.0125i	-2.2398+1.9472i	-3.3923-5.8271i	-0.2201+3.8297i	-1.9391+1.6014i	-6.8230+16.1921i
69.2	-1.4317-3.8276i	-46.8681-152.7686i	-2.9160-1.8892i	-1.9402+1.9544i	-3.8100-5.8297i	-0.0662+3.8067i	-1.6452+1.6147i	-6.0516+16.1222i
69.3	-1.6285-3.6995i	-50.8672-149.1615i	-3.0368-1.7605i	-1.6112+1.9494i	-4.2220-5.7755i	0.0498+3.8226i	-1.3201+1.6115i	-5.4490+16.0508i
69.4	-1.7963-3.4316i	-53.6867-144.9265i	-3.0636-1.6312i	-1.2406+1.9397i	-4.5773-5.5965i	0.1573+3.7572i	-0.9541+1.6052i	-4.8987+15.7331i
69.5	-1.9225-3.3335i	-56.5139-140.2417i	-3.1179-1.5452i	-0.9046+1.8372i	-4.8826-5.3581i	0.3021+3.7025i	-0.6264+1.5004i	-4.4340+15.4808i
69.6	-1.9133-3.2795i	-60.5495-136.3410i	-3.1664-1.4960i	-0.6037+1.6515i	-5.0229-5.0621i	0.4150+3.6826i	-0.3314+1.3035i	-4.0699+15.3593i
69.7	-1.8804-3.2087i	-62.9828-132.3794i	-3.1386-1.4221i	-0.2261+1.4642i	-5.0500-4.9177i	0.4320+3.6681i	0.0364+1.1175i	-3.7017+15.2167i
69.8	-1.9504-3.0852i	-63.9898-126.8070i	-3.1360-1.2988i	0.1509+1.0452i	-5.3376-4.6741i	0.5116+3.6136i	0.4124+0.7013i	-3.2348+14.8449i
69.9	-2.0426-3.2104i	-66.7174-123.1387i	-3.1585-1.2521i	0.3664+0.8366i	-5.4093-4.6055i	0.6206+3.6218i	0.6168+0.4951i	-2.8995+14.7825i
70.0	-2.1156-3.2617i	-67.9372-120.6506i	-3.1196-1.2311i	0.5687+0.5618i	-5.4772-4.4933i	0.6757+3.6514i	0.8087+0.2190i	-2.6568+14.7034i
70.1	-2.2909-3.2330i	-70.2808-116.2412i	-3.1083-1.1996i	0.7560+0.2385i	-5.5079-4.4169i	0.7778+3.6345i	0.9812-0.1059i	-2.2697+14.5364i
70.2	-2.5084-3.0602i	-71.5105-110.1550i	-3.1446-1.1504i	0.8688-0.1095i	-5.6922-4.3625i	0.8978+3.5672i	1.0879-0.4493i	-1.8612+14.2777i
70.3	-2.6525-2.9628i	-71.7937-106.7524i	-3.1321-1.1357i	0.9390-0.6141i	-5.8014-4.1464i	0.9927+3.5844i	1.1477-0.9563i	-1.5425+14.1206i
70.4	-2.8372-2.9431i	-71.9439-102.9493i	-3.1549-1.1269i	0.9162-0.9182i	-5.8150-4.0871i	1.0990+3.5346i	1.1160-1.2567i	-1.3143+13.9235i
70.5	-3.0190-2.8765i	-72.6054-99.4593i	-3.1832-1.1100i	0.8686-1.3023i	-5.8868-4.0065i	1.2154+3.5175i	1.0601-1.6379i	-1.0453+13.7743i
70.6	-3.1630-2.8319i	-73.0405-96.8864i	-3.2495-1.1222i	0.8225-1.6354i	-5.9808-3.9917i	1.3021+3.5133i	1.0079-1.9702i	-0.8985+13.7335i
70.7	-3.2509-2.7745i	-71.6392-93.5256i	-3.3190-1.1076i	0.6388-1.9103i	-6.1433-3.8346i	1.3996+3.4490i	0.8232-2.2420i	-0.8069+13.5199i
70.8	-3.3720-2.6213i	-72.0739-90.2277i	-3.3666-1.0626i	0.5561-2.1579i	-6.2725-3.7020i	1.5008+3.3755i	0.7282-2.4862i	-0.4548+13.3340i
70.9	-3.4705-2.3105i	-70.8908-86.0001i	-3.4036-1.0383i	0.4691-2.5401i	-6.5033-3.6042i	1.5878+3.2954i	0.6341-2.8582i	-0.1679+12.9977i
71.0	-3.5495-2.1365i	-69.6257-83.0267i	-3.4574-1.0600i	0.3541-2.9046i	-6.6531-3.6019i	1.6564+3.2497i	0.5193-3.2026i	-0.0562+12.6430i
71.1	-3.6629-2.0859i	-69.7947-80.4917i	-3.5518-1.0457i	0.1525-3.1244i	-6.7864-3.5330i	1.7380+3.2100i	0.3159-3.4105i	0.0727+12.5281i
71.2	-3.7432-2.0442i	-68.9376-78.1431i	-3.6148-1.0889i	-0.0619-3.3959i	-6.8313-3.5308i	1.8254+3.1521i	0.0992-3.6711i	0.1445+12.2317i
71.3	-3.8045-1.8414i	-68.2986-76.0426i	-3.6648-1.0404i	-0.1847-3.6395i	-6.9345-3.3077i	1.8863+3.0748i	-0.0212-3.9111i	0.2855+11.9995i
71.4	-3.9189-1.7024i	-68.0821-73.7953i	-3.7654-0.9928i	-0.4543-3.8941i	-7.0490-3.0862i	1.9872+2.9947i	-0.2875-4.1620i	0.4525+11.8594i
71.5	-3.9445-1.4811i	-67.3306-72.8810i	-3.8657-0.9298i	-0.7331-4.1165i	-7.1381-2.8535i	2.0300+2.9341i	-0.5667-4.3878i	0.4992+11.7966i
71.6	-3.9406-1.2266i	-65.9160-71.1482i	-3.9758-0.8581i	-1.0747-4.2406i	-7.2974-2.7257i	2.0780+2.8223i	-0.9051-4.5053i	0.5311+11.6119i
71.7	-4.0339-1.2010i	-65.1177-68.5431i	-4.1114-0.8045i	-1.4969-4.4015i	-7.3698-2.7022i	2.1769+2.7520i	-1.3152-4.6600i	0.4873+11.4681i
71.8	-4.0774-1.1183i	-64.5016-67.4113i	-4.2575-0.7443i	-1.8862-4.5962i	-7.4195-2.7192i	2.2484+2.7238i	-1.6919-4.8440i	0.4412+11.3759i
71.9	-4.1303-0.9437i	-64.1599-65.7318i	-4.3887-0.6376i	-2.2629-4.7046i	-7.6238-2.5612i	2.3333+2.6166i	-2.0651-4.9580i	0.5746+11.3419i
72.0	-4.1202-0.7939i	-62.9673-64.2616i	-4.4898-0.5383i	-2.6437-4.7761i	-7.8093-2.4697i	2.3838+2.5232i	-2.4335-5.0281i	0.5793+11.1834i
72.1	-4.0841-0.5781i	-62.4974-62.2905i	-4.5646-0.3573i	-3.0586-4.7404i	-7.9141-2.2507i	2.4083+2.4285i	-2.8406-4.9937i	0.6884+11.1037i
72.2	-4.1347-0.5214i	-62.1024-60.7563i	-4.6558-0.2197i	-3.4478-4.6308i	-8.0656-2.0896i	2.4462+2.3488i	-3.2221-4.8840i	0.7082+11.0933i
72.3	-4.1805-0.4925i	-61.2598-59.7464i	-4.7423-0.0927i	-3.8071-4.4225i	-8.1910-1.8795i	2.4483+2.2384i	-3.5692-4.6856i	0.6027+11.0005i
72.4	-4.1047-0.3687i	-59.9757-58.8033i	-4.7324+0.0052i	-4.0061-4.3497i	-8.1569-1.8526i	2.3956+2.1931i	-3.7643-4.6156i	0.5220+10.8819i
72.5	-4.1470-0.2784i	-59.4634-57.5611i	-4.8172+0.1441i	-4.3664-4.2599i	-8.2013-1.7857i	2.4674+2.1757i	-4.1206-4.5245i	0.5761+10.9473i
72.6	-4.1347-0.1102i	-59.1749-56.8319i	-4.8809+0.3726i	-4.7858-3.9621i	-8.4248-1.3991i	2.5459+2.0795i	-4.5264-4.2468i	0.7252+10.9891i
72.7	-4.2078+0.0431i	-59.0842-53.9444i	-4.9544+0.5237i	-5.0805-3.7348i	-8.7438-1.4461i	2.6303+1.9682i	-4.8094-4.0191i	0.7522+10.9733i
72.8	-4.2654+0.1005i	-58.1489-53.5325i	-5.0198+0.6525i	-5.3084-3.5834i	-8.9257-1.3287i	2.6575+1.9221i	-5.0238-3.8812i	0.6760+11.0405i
72.9	-4.2443+0.2100i	-57.7870-53.2260i	-5.0089+0.8149i	-5.5141-3.3180i	-8.9298-1.1046i	2.6728+1.8441i	-5.2320-3.6282i	0.7459+11.0473i
73.0	-4.2851+0.3754i	-56.9499-51.9504i	-4.9953+0.9927i	-5.7243-3.0584i	-9.1240-0.9039i	2.7142+1.7618i	-5.4381-3.3795i	0.9091+11.1096i
73.1	-4.1931+0.6540i	-56.4731-50.8126i	-4.9109+1.2172i	-5.8214-2.7445i	-9.3555-0.4436i	2.7143+1.6490i	-5.5303-3.0841i	1.0956+11.0861i
73.2	-4.1610+0.7962i	-55.6434-50.3206i	-4.8636+1.3589i	-5.9014-2.5431i	-9.2927-0.2256i	2.7329+1.6003i	-5.6170-2.8949i	1.2400+11.1472i
73.3	-4.1853+0.9691i	-55.2431-49.2633i	-4.8733+1.5623i	-6.0623-2.3022i	-9.4378+0.0977i	2.7598+1.5394i	-5.7720-2.6771i	1.3604+11.2581i
73.4	-4.1656+1.1797i	-54.7240-48.4564i	-4.8615+1.7699i	-6.2559-2.0546i	-9.7005+0.4057i	2.8052+1.4935i	-5.9597-2.4502i	1.4479+11.4001i
73.5	-4.0712+1.2990i	-53.9894-47.7201i	-4.7776+1.8413i	-6.2767-1.9253i	-9.7228+0.5303i	2.8392+1.4663i	-5.9809-2.3249i	1.4893+11.4108i
73.6	-3.9147+1.4910i	-53.6779-46.7528i	-4.7001+2.0180i	-6.3925-1.7241i	-9.6931+0.9411i	2.9230+1.3725i	-6.0994-2.1448i	1.8149+11.4205i
73.7	-3.7426+1.6083i	-53.0699-46.4447i	-4.5786+2.1481i	-6.5292-1.4804i	-9.5739+1.3928i	2.9780+1.2473i	-6.2513-1.9310i	2.0884+11.4326i
73.8	-3.6192+1.7027i	-52.7157-46.2265i	-4.5081+2.3274i	-6.6595-1.2220i	-9.5645+1.7818i	2.9902+1.1293i	-6.3898-1.6967i	2.2328+11.5469i
73.9	-3.5163+1.8258i	-52.2292-45.3754i	-4.4705+2.5519i	-6.8537-0.8660i	-9.6488+2.3883i	3.0253+1.0053i	-6.5869-1.3801i	2.4194+11.7168i
74.0	-3.4669+1.8597i	-52.0031-44.6640i	-4.3343+2.6770i	-6.8803-0.5158i	-9.6448+2.6743i	3.0400+0.8808i	-6.6266-1.0461i	2.7174+11.7288i
74.1	-3.4033+1.9096i	-51.5340-43.8681i	-4.2315+2.7692i	-6.9532-0.2167i	-9.5571+2.9875i	3.0760+0.7964i	-6.7166-0.7651i	3.1017+11.7855i
74.2	-3.3100+1.9224i	-51.2837-42.4541i	-4.1388+2.7615i	-6.9123-0.0421i	-9.4990+3.0204i	3.0266+0.6836i	-6.6830-0.5851i	3.2225+11.4590i
74.3	-3.1703+1.9928i	-50.5915-41.4155i	-3.9928+2.8387i	-6.7774+0.2754i	-9.2831+3.4160i	2.9726+0.5262i	-6.5701-0.2791i	3.4435+11.1697i
74.4	-3.1527+2.0290i	-50.2297-41.8359i	-3.8397+2.9123i	-6.7421+0.5611i	-8.9715+3.8643i	3.0081+0.4566i	-6.5672-0.0168i	3.8847+11.2762i
74.5	-3.0947+2.1207i	-49.7813-41.4753i	-3.8028+3.0345i	-6.7489+0.8754i	-8.8920+4.2666i	2.9940+0.3384i	-6.5861+0.2767i	4.0566+11.2530i
74.6	-3.0117+2.1918i	-49.6853-40.4136i	-3.8064+3.1482i	-6.7635+1.0661i	-8.8221+4.6218i	2.9757+0.2792i	-6.6051+0.4535i	4.0720+11.1590i
74.7	-2.8604+2.2545i	-48.9767-39.4039i	-3.6413+3.1945i	-6.5833+1.3165i	-8.5363+5.0451i	2.9003+0.1891i	-6.4550+0.6974i	4.3372+10.9008i
74.8	-2.7761+2.3038i	-48.9351-39.1272i	-3.5144+3.2266i	-6.4774+1.4423i	-8.1929+5.0827i	2.8935+0.0824i	-6.3795+0.8369i	4.6342+10.5558i
74.9	-2.7317+2.3802i	-48.3076-38.4473i	-3.4264+3.3069i	-6.3755+1.5833i	-7.8159+5.3749i	2.9063+0.0486i	-6.3107+0.9595i	4.8609+10.6458i

75.0	-2.6221+2.4288i	-48.4281-38.0798i	-3.3300+3.3924i	-6.2383+1.8268i	-7.6339+5.7229i	2.8020-0.0484i	-6.1887+1.1925i	4.9138+10.5143i
75.1	-2.5875+2.5024i	-47.8889-37.8377i	-3.2354+3.4688i	-6.1861+2.0310i	-7.2949+5.8512i	2.8216-0.1504i	-6.1626+1.3979i	5.2068+10.3348i
75.2	-2.4126+2.5389i	-47.4264-37.3514i	-2.9694+3.5266i	-5.8909+2.1746i	-6.6999+6.2252i	2.7332-0.1871i	-5.9062+1.5326i	5.4782+10.1390i
75.3	-2.2991+2.5820i	-47.4578-36.8315i	-2.8390+3.5278i	-5.7863+2.3149i	-6.3510+6.4887i	2.7280-0.2679i	-5.8261+1.6696i	5.6655+9.8633i
75.4	-2.1655+2.7160i	-46.4693-36.1259i	-2.7644+3.7160i	-5.7608+2.6350i	-5.9591+6.8841i	2.7267-0.4061i	-5.8297+1.9746i	5.9005+9.8055i
75.5	-2.0532+2.7643i	-46.0779-36.1011i	-2.5767+3.7488i	-5.5934+2.7605i	-5.2911+6.9468i	2.6956-0.4899i	-5.7058+2.1129i	6.2052+9.5718i
75.6	-2.0926+2.7807i	-46.0242-35.7486i	-2.5550+3.7384i	-5.6090+2.7798i	-5.0970+6.8316i	2.6880-0.4993i	-5.7230+2.1389i	6.1103+9.6218i
75.7	-1.9656+2.7994i	-45.8627-35.4286i	-2.3583+3.5972i	-5.4872+2.7961i	-4.2985+6.2498i	2.6876-0.6549i	-5.6475+2.2125i	6.4093+8.8461i
75.8	-1.8235+2.8511i	-46.2553-35.1890i	-2.2476+3.6343i	-5.4400+2.9446i	-3.8084+6.2539i	2.6916-0.7317i	-5.6399+2.3659i	6.6412+8.7012i
75.9	-1.6923+2.8441i	-45.7568-34.9600i	-2.1280+3.5652i	-5.2932+3.0645i	-3.5118+5.8888i	2.6081-0.8449i	-5.5045+2.5093i	6.5836+8.3230i
76.0	-1.4954+2.8767i	-45.3898-34.6581i	-1.9004+3.6610i	-5.1095+3.2932i	-3.0195+5.9670i	2.5520-0.9169i	-5.3550+2.7431i	6.8923+8.2553i
76.1	-1.4046+2.8467i	-45.3524-34.0183i	-1.8498+3.5783i	-5.0311+3.2976i	-2.8721+5.6954i	2.5080-0.9847i	-5.2827+2.7779i	6.8540+7.9547i
76.2	-1.2728+2.8795i	-44.6182-33.1130i	-1.7771+3.5344i	-4.9836+3.3656i	-2.6458+5.5015i	2.4903-1.0819i	-5.2419+2.8624i	6.8719+7.6807i
76.3	-1.1738+2.9159i	-44.6780-33.2178i	-1.6681+3.5054i	-4.8999+3.5131i	-2.3803+5.2642i	2.4373-1.2015i	-5.1759+3.0285i	6.8992+7.4061i
76.4	-0.9490+2.9303i	-45.1826-33.0979i	-1.5060+3.4659i	-4.8234+3.6342i	-1.9065+4.9001i	2.4279-1.3160i	-5.1255+3.1743i	7.0951+7.1596i
76.5	-0.7279+2.7951i	-45.2216-32.1261i	-1.4171+3.3814i	-4.7404+3.6833i	-1.8124+4.4677i	2.3986-1.3656i	-5.0486+3.2484i	7.2044+6.9550i
76.6	-0.7040+2.6592i	-45.1756-31.7053i	-1.2891+3.1967i	-4.5558+3.7440i	-1.5872+3.8851i	2.3422-1.4964i	-4.8796+3.3610i	7.3830+6.3940i
76.7	-0.6240+2.6221i	-44.9399-31.1803i	-1.1581+3.1576i	-4.3509+3.8374i	-1.1898+3.6600i	2.2581-1.5737i	-4.7015+3.4752i	7.5620+6.1095i
76.8	-0.4683+2.5905i	-44.4450-30.7183i	-1.0826+3.1650i	-4.2144+3.9658i	-1.1291+3.6924i	2.1721-1.6510i	-4.5649+3.6097i	7.5153+6.0374i
76.9	-0.4062+2.5612i	-44.4716-30.3339i	-1.1201+3.0078i	-4.2695+3.9686i	-1.2755+2.9899i	2.1399-1.7887i	-4.6062+3.6597i	7.3778+5.5437i
77.0	-0.3525+2.4971i	-44.1901-30.2393i	-1.1228+2.8966i	-4.2140+4.0202i	-1.4127+2.4387i	2.0255-1.8695i	-4.5331+3.7502i	7.1679+5.1831i
77.1	-0.2557+2.3493i	-43.7309-29.5914i	-1.1071+2.6935i	-4.1473+4.0195i	-1.7037+1.6775i	1.9108-1.9617i	-4.4463+3.7995i	6.8972+4.6296i
77.2	-0.1684+2.2654i	-43.9747-29.2498i	-1.0961+2.6646i	-4.1424+4.1320i	-1.6890+1.4828i	1.9039-2.0150i	-4.4418+3.9173i	6.9588+4.6099i
77.3	-0.0770+2.1485i	-43.8592-28.6634i	-1.1945+2.6471i	-4.0739+4.3019i	-2.0002+1.1955i	1.7700-2.0983i	-4.3566+4.1048i	6.6661+4.4225i
77.4	-0.0348+2.0157i	-43.7462-28.1020i	-1.2688+2.6377i	-3.9570+4.4892i	-2.5658+1.0442i	1.5895-2.1658i	-4.2084+4.3063i	6.3038+4.1687i
77.5	-0.0419+1.8259i	-43.2350-27.9638i	-1.2939+2.5001i	-3.7635+4.5542i	-2.9139+0.6595i	1.4427-2.2739i	-3.9780+4.4038i	6.0191+3.5654i
77.6	-0.0038+1.7701i	-42.9792-27.4699i	-1.3337+2.4809i	-3.7010+4.7452i	-3.3719+0.4346i	1.3461-2.4345i	-3.8738+4.6050i	5.7705+3.3085i
77.7	-0.0181+1.7243i	-42.8847-27.1573i	-1.3717+2.4573i	-3.6840+4.8280i	-3.5359+0.2734i	1.3061-2.5122i	-3.8526+4.6951i	5.7092+3.2205i
77.8	-0.0163+1.6658i	-42.8450-26.5739i	-1.4675+2.4335i	-3.5508+5.1123i	-4.2874-0.1041i	1.0778-2.7382i	-3.6684+5.0086i	5.2197+2.6987i
77.9	-0.0517+1.6139i	-42.9426-26.3303i	-1.6433+2.5050i	-3.5166+5.3104i	-5.2127-0.0051i	0.8695-2.8152i	-3.5638+5.1885i	4.4190+2.6767i
78.0	-0.1001+1.5562i	-43.0386-25.8529i	-1.7595+2.5034i	-3.4062+5.3476i	-5.6336+0.0922i	0.7136-2.7863i	-3.4147+5.2081i	3.9929+2.8140i
78.1	-0.1152+1.5190i	-43.3388-25.0119i	-1.9070+2.5947i	-3.2594+5.6286i	-6.4140+0.3109i	0.4607-2.9028i	-3.2160+5.4516i	3.4315+2.9152i
78.2	-0.1159+1.4714i	-43.5143-24.5846i	-1.9589+2.6932i	-3.0112+5.8426i	-7.1359+0.6604i	0.1814-2.9433i	-2.9291+5.6309i	2.8453+3.0528i
78.3	-0.1204+1.3805i	-43.0218-23.8553i	-1.9658+2.8925i	-2.6433+5.9351i	-7.6080+1.4834i	-0.1049-2.7979i	-2.5404+5.6473i	2.3440+3.6267i
78.4	-0.1133+1.3816i	-42.8583-23.3566i	-1.9768+3.0097i	-2.4487+6.0947i	-7.9646+1.8427i	-0.2871-2.8140i	-2.3342+5.7703i	2.2107+3.8014i
78.5	-0.0818+1.3116i	-42.8010-22.4361i	-1.9552+3.2250i	-2.0448+6.2101i	-8.5008+2.7791i	-0.6142-2.6764i	-1.9073+5.7934i	1.7355+4.3387i
78.6	-0.0961+1.2790i	-42.5443-21.3498i	-1.9049+3.4112i	-1.7770+6.3142i	-8.6881+3.4875i	-0.7801-2.5727i	-1.6459+5.8247i	1.5637+4.9264i
78.7	-0.1324+1.2987i	-42.5086-21.0513i	-1.7576+3.5846i	-1.5287+6.3313i	-8.3809+4.4089i	-0.8574-2.3680i	-1.4606+5.7569i	1.8436+5.8485i
78.8	-0.1116+1.2739i	-42.3407-20.4254i	-1.6834+3.8735i	-1.2412+6.5181i	-8.6843+5.6395i	-1.0581-2.2051i	-1.1889+5.8292i	1.6993+6.8007i
78.9	-0.1293+1.2712i	-42.0306-19.0633i	-1.5521+4.2744i	-0.9224+6.7753i	-8.8073+7.4819i	-1.2041-1.9332i	-0.9320+5.9144i	1.6586+8.3708i
79.0	-0.1088+1.2971i	-40.8809-18.2414i	-0.8760+4.5344i	-0.2836+6.7918i	-6.3625+9.2765i	-0.9910-1.6062i	-0.5997+5.8269i	3.9949+9.8287i
79.1	0.0121+1.2085i	-40.3681-18.3576i	-0.3928+3.9851i	0.2878+6.5096i	-4.4861+7.4986i	-0.9228-1.9521i	-0.2107+5.7649i	6.1169+7.8162i
79.2	0.0057+1.1156i	-40.4604-18.0326i	-0.4621+3.7163i	0.4776+6.2382i	-4.7562+6.5126i	-1.1455-2.0173i	-0.0009+5.5953i	5.8529+6.6610i
79.3	-0.0452+1.0645i	-40.4279-18.1484i	-0.5167+3.6202i	0.6393+6.0917i	-4.9987+6.2272i	-1.3064-1.9674i	0.1465+5.4822i	5.6031+6.2545i
79.4	-0.0324+0.9837i	-40.0555-17.1710i	-0.4434+3.5989i	0.8856+5.9602i	-4.9504+6.3565i	-1.4149-1.8662i	0.3324+5.3710i	5.6675+6.1159i
79.5	-0.0764+0.9214i	-39.4747-16.5413i	-0.3196+3.5882i	1.2382+5.7566i	-4.7398+6.4821i	-1.5362-1.7555i	0.6341+5.2203i	5.7917+5.8834i
79.6	-0.1509+0.9093i	-39.5475-16.4178i	-0.2568+3.4838i	1.4591+5.4988i	-4.7261+6.2600i	-1.6157-1.6867i	0.8070+5.0522i	5.6469+5.3789i
79.7	-0.1508+0.8840i	-39.4047-15.6067i	-0.2108+3.4426i	1.7627+5.3590i	-4.8974+6.6144i	-1.8573-1.5865i	1.0645+4.9682i	5.6267+5.0491i
79.8	-0.1955+0.9230i	-38.7781-14.6497i	-0.0633+3.4461i	2.1353+5.1543i	-4.7142+6.9578i	-2.0068-1.4283i	1.3877+4.8116i	5.7735+5.0195i
79.9	-0.2380+0.9187i	-38.2743-14.3453i	-0.2102+3.3717i	1.9972+4.9969i	-5.0535+6.8551i	-2.0449-1.3625i	1.2539+4.7101i	5.3335+5.0260i
80.0	-0.2636+0.8904i	-37.4797-13.7633i	-0.1948+3.2457i	2.0480+4.6530i	-5.1609+6.7608i	-2.1029-1.2150i	1.3264+4.4618i	4.9792+4.7844i

2.1.75 Run 7 – VT270 – Accels 17–24

Vertical shaking at 270°. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-0.9302+0.0000i	1.2665+0.0000i	15.8706+0.0000i	2.5460+0.0000i	2.1752+0.0000i	-0.0499+0.0000i	3.3263+0.0000i	5.4461+0.0000i
0.1	-0.6125+0.2035i	-0.1765+0.9309i	2.7931+1.3153i	0.0502+0.5305i	0.3572-0.3310i	-0.3210-1.4936i	1.1122+0.1423i	1.7493+0.6514i
0.2	-0.2895+0.0534i	-0.2193+0.0667i	0.2320+0.0310i	0.1627+0.0605i	0.0653+0.0102i	0.2342-0.4765i	0.1328+0.1308i	0.3203+0.1554i
0.3	-0.0825-0.0174i	-0.0216+0.0197i	0.0379+0.0660i	-0.0413-0.0770i	0.0036+0.0658i	-0.2601+0.0073i	-0.0364+0.0387i	0.0044-0.0041i
0.4	-0.0002+0.0310i	-0.0059+0.0019i	0.0180+0.0191i	-0.0143-0.0250i	0.0210+0.0231i	-0.0168+0.2316i	-0.0148+0.0393i	-0.0150+0.0274i
0.5	-0.0153-0.0200i	-0.0080+0.0085i	0.0182-0.0012i	-0.0016-0.0070i	0.0038+0.0204i	0.1265+0.0820i	-0.0000+0.0218i	-0.0082+0.0042i
0.6	-0.0057-0.0038i	-0.0076-0.0005i	0.0035+0.0052i	-0.0022+0.0000i	0.0026+0.0003i	0.0342-0.0761i	0.0014+0.0014i	0.0054-0.0006i
0.7	-0.0085+0.0017i	-0.0030-0.0030i	0.0113-0.0003i	-0.0024-0.0006i	0.0001-0.0024i	-0.0193-0.0007i	0.0002-0.0004i	0.0032+0.0031i
0.8	-0.0076+0.0014i	-0.0012-0.0024i	0.0211+0.0073i	-0.0048+0.0016i	-0.0032+0.0004i	0.0238+0.0419i	-0.0010-0.0016i	0.0027+0.0003i
0.9	-0.0031+0.0003i	0.0003-0.0023i	0.0210+0.0093i	-0.0053-0.0013i	-0.0009+0.0019i	0.0180+0.0280i	-0.0028-0.0028i	0.0015+0.0021i
1.0	-0.0053+0.0002i	0.0012-0.0005i	0.0286+0.0049i	-0.0015-0.0008i	0.0013+0.0014i	-0.0681-0.0427i	-0.0043-0.0018i	-0.0016+0.0015i
1.1	-0.0069-0.0011i	0.0006-0.0006i	0.0353+0.0032i	-0.0031-0.0006i	0.0010+0.0002i	-0.1431+0.0112i	-0.0043-0.0009i	-0.0008+0.0010i
1.2	-0.0058-0.0025i	0.0001-0.0013i	0.0396-0.0013i	-0.0053+0.0010i	0.0010-0.0001i	-0.0775+0.0056i	-0.0023-0.0002i	0.0001+0.0014i
1.3	-0.0057-0.0019i	-0.0002-0.0008i	0.0453-0.0020i	-0.0040+0.0003i	0.0009+0.0005i	0.0255-0.0251i	-0.0028-0.0010i	-0.0002+0.0002i
1.4	-0.0080-0.0008i	0.0004+0.0006i	0.0492-0.0016i	-0.0057+0.0012i	0.0009-0.0003i	-0.0002-0.0765i	-0.0046-0.0006i	-0.0014-0.0008i
1.5	-0.0100-0.0019i	-0.0003-0.0008i	0.0636+0.0066i	-0.0071-0.0016i	0.0016-0.0044i	-0.1002-0.0682i	-0.0070+0.0005i	-0.0007-0.0013i
1.6	-0.0135-0.0042i	-0.0021-0.0016i	0.0703+0.0081i	-0.0092-0.0029i	-0.0033-0.0071i	-0.0379+0.0177i	-0.0076+0.0011i	-0.0038-0.0040i
1.7	-0.0147-0.0025i	-0.0047-0.0032i	0.0789+0.0131i	-0.0101+0.0006i	-0.0068-0.0046i	0.0018+0.1344i	-0.0090-0.0005i	-0.0057-0.0042i
1.8	-0.0151-0.0012i	-0.0043+0.0029i	0.0980+0.0010i	-0.0117+0.0003i	0.0029+0.0027i	-0.0348+0.0329i	-0.0174-0.0002i	-0.0016+0.0030i
1.9	-0.0208-0.0049i	-0.0027+0.0107i	0.0974-0.0072i	-0.0190-0.0026i	0.0063+0.0032i	-0.0274-0.0208i	-0.0232+0.0019i	0.0002+0.0077i
2.0	-0.0264-0.0060i	0.0004+0.0152i	0.0944-0.0133i	-0.0246-0.0025i	0.0065+0.0047i	-0.0083-0.0060i	-0.0250+0.0019i	0.0027+0.0104i
2.1	-0.0448-0.0064i	0.0192+0.0100i	0.0786-0.0080i	-0.0387-0.0042i	0.0130+0.0028i	0.0293+0.0086i	-0.0372-0.0010i	0.0159+0.0065i
2.2	-0.0624+0.0022i	0.0212-0.0045i	0.0711+0.0098i	-0.0552+0.0021i	0.0142-0.0043i	0.0247-0.0020i	-0.0532+0.0033i	0.0160-0.0040i
2.3	-0.1121+0.0344i	0.0023-0.0041i	0.0607+0.0371i	-0.1056+0.0348i	0.0135-0.0081i	-0.0167+0.0182i	-0.1096+0.0369i	-0.0004-0.0036i
2.4	0.0128+0.1973i	0.0045+0.0027i	0.1734+0.1528i	0.0164+0.1942i	0.0009-0.0216i	-0.0484-0.0184i	0.0186+0.1999i	0.0033+0.0024i
2.5	0.1496+0.1518i	0.0100+0.0002i	0.2812+0.1187i	0.1512+0.1497i	-0.0125-0.0169i	-0.0831-0.0271i	0.1559+0.1518i	0.0086-0.0003i
2.6	0.0885+0.0264i	0.0054-0.0025i	0.2459+0.0241i	0.0893+0.0264i	-0.0077-0.0051i	-0.0400+0.0256i	0.0906+0.0254i	0.0065-0.0019i
2.7	0.0636+0.0086i	0.0035-0.0013i	0.2460+0.0126i	0.0649+0.0095i	-0.0051-0.0035i	-0.0292-0.0075i	0.0665+0.0081i	0.0036-0.0017i
2.8	0.0465+0.0060i	0.0020-0.0015i	0.2488+0.0090i	0.0463+0.0062i	-0.0026-0.0026i	-0.0834-0.0199i	0.0494+0.0055i	0.0017-0.0033i
2.9	0.0390+0.0055i	0.0041-0.0021i	0.2503+0.0051i	0.0379+0.0050i	-0.0011-0.0026i	-0.0617+0.0348i	0.0396+0.0055i	0.0031-0.0036i
3.0	0.0317+0.0033i	0.0043-0.0032i	0.2600+0.0058i	0.0321+0.0057i	0.0003-0.0023i	-0.0913+0.0907i	0.0339+0.0063i	0.0037-0.0034i
3.1	0.0289+0.0072i	0.0011-0.0037i	0.2817+0.0065i	0.0297+0.0081i	-0.0013-0.0017i	-0.0642+0.1001i	0.0298+0.0073i	0.0021-0.0019i
3.2	0.0324+0.0111i	0.0014-0.0041i	0.2966+0.0178i	0.0298+0.0100i	-0.0024-0.0039i	0.0498+0.0477i	0.0306+0.0106i	0.0015-0.0007i
3.3	0.0340+0.0089i	0.0011-0.0017i	0.3067+0.0104i	0.0308+0.0086i	-0.0038-0.0038i	0.2242-0.1339i	0.0331+0.0086i	0.0019-0.0043i
3.4	0.0315+0.0054i	0.0004-0.0021i	0.3228+0.0080i	0.0287+0.0059i	-0.0035-0.0032i	0.1802-0.2168i	0.0326+0.0061i	0.0004-0.0029i
3.5	0.0311+0.0059i	-0.0055-0.0005i	0.3343+0.0099i	0.0281+0.0088i	-0.0056-0.0003i	0.0558-0.1842i	0.0329+0.0046i	-0.0027-0.0014i
3.6	0.0374+0.0074i	0.0047+0.0051i	0.3732+0.0191i	0.0351+0.0045i	0.0041-0.0058i	0.0898-0.3945i	0.0377+0.0038i	0.0033-0.0030i
3.7	0.0335-0.0009i	0.0056+0.0010i	0.4108+0.0244i	0.0287-0.0033i	0.0012-0.0046i	-0.0525-0.1034i	0.0327-0.0028i	0.0066-0.0029i
3.8	0.0317-0.0007i	0.0059+0.0015i	0.4275+0.0134i	0.0277-0.0020i	0.0020-0.0005i	-0.0329+0.0048i	0.0284+0.0005i	0.0057-0.0004i
3.9	0.0330-0.0015i	0.0044-0.0015i	0.4452+0.0161i	0.0279-0.0015i	0.0015-0.0020i	-0.0433+0.0088i	0.0272-0.0002i	0.0052-0.0022i
4.0	0.0339-0.0012i	0.0021-0.0019i	0.4597+0.0124i	0.0273-0.0011i	0.0001-0.0021i	-0.0495+0.0180i	0.0267-0.0009i	0.0035-0.0020i
4.1	0.0346-0.0006i	0.0007-0.0011i	0.4758+0.0104i	0.0265-0.0006i	-0.0008-0.0011i	-0.0616+0.0379i	0.0259-0.0006i	0.0026-0.0007i
4.2	0.0360-0.0008i	0.0010+0.0006i	0.4963+0.0060i	0.0266+0.0000i	-0.0010+0.0004i	-0.0584+0.0090i	0.0255+0.0005i	0.0031+0.0007i
4.3	0.0387-0.0009i	0.0012+0.0029i	0.5165+0.0017i	0.0278-0.0000i	-0.0008+0.0012i	-0.0842-0.0335i	0.0256-0.0003i	0.0033+0.0021i
4.4	0.0398-0.0005i	0.0015+0.0049i	0.5380-0.0013i	0.0274-0.0005i	0.0002+0.0037i	-0.1272+0.0308i	0.0257-0.0005i	0.0039+0.0048i
4.5	0.0400-0.0009i	0.0010+0.0068i	0.5509-0.0032i	0.0269-0.0012i	0.0002+0.0062i	-0.1318+0.0717i	0.0245-0.0001i	0.0030+0.0077i
4.6	0.0411-0.0012i	0.0000+0.0119i	0.5652-0.0021i	0.0264-0.0018i	-0.0003+0.0099i	-0.1311-0.0193i	0.0249-0.0002i	0.0020+0.0124i
4.7	0.0420+0.0006i	0.0100+0.0226i	0.5716+0.0107i	0.0250+0.0052i	0.0077+0.0163i	-0.2185-0.0591i	0.0255+0.0055i	0.0111+0.0199i
4.8	0.0541-0.0023i	0.0399+0.0135i	0.5939+0.0433i	0.0425+0.0037i	0.0320+0.0070i	-0.1307-0.0003i	0.0434+0.0018i	0.0432+0.0129i
4.9	0.0568-0.0056i	0.0356-0.0113i	0.6309+0.0731i	0.0428-0.0080i	0.0295-0.0114i	-0.0944+0.0048i	0.0420-0.0104i	0.0400-0.0090i
5.0	0.0548+0.0019i	0.0044-0.0183i	0.7279+0.0676i	0.0303+0.0009i	0.0039-0.0156i	-0.1361-0.0452i	0.0267-0.0006i	0.0071-0.0176i
5.1	0.0645+0.0025i	0.0052-0.0115i	0.7571+0.0440i	0.0401+0.0029i	0.0031-0.0116i	-0.0989+0.0034i	0.0360+0.0018i	0.0084-0.0125i
5.2	0.0733-0.0064i	0.0031-0.0118i	0.7686+0.0232i	0.0485-0.0066i	0.0010-0.0125i	-0.0987-0.0139i	0.0438-0.0085i	0.0058-0.0137i
5.3	0.0703-0.0287i	-0.0082-0.0134i	0.7662+0.0008i	0.0387-0.0295i	-0.0063-0.0086i	-0.1819-0.0189i	0.0343-0.0321i	-0.0030-0.0111i
5.4	0.0400-0.0097i	-0.0048+0.0014i	0.7587+0.0639i	0.0036-0.0076i	-0.0032+0.0021i	-0.1358+0.0914i	-0.0039-0.0054i	-0.0001+0.0012i
5.5	0.0643+0.0124i	-0.0024+0.0072i	0.8364+0.0770i	0.0257+0.0189i	-0.0010+0.0038i	-0.1379+0.1063i	0.0172+0.0182i	0.0011+0.0067i
5.6	0.0785+0.0111i	-0.0041+0.0124i	0.8735+0.0574i	0.0333+0.0187i	-0.0003+0.0091i	-0.1583+0.0347i	0.0244+0.0195i	0.0022+0.0140i

5.7	0.0860+0.0121i	0.0033+0.0164i	0.8815+0.0535i	0.0365+0.0202i	0.0077+0.0124i	-0.1185+0.0223i	0.0276+0.0221i	0.0120+0.0170i
5.8	0.0995+0.0152i	0.0099+0.0124i	0.8983+0.0731i	0.0464+0.0246i	0.0131+0.0072i	-0.1267+0.0354i	0.0371+0.0283i	0.0197+0.0123i
5.9	0.1148+0.0163i	0.0152+0.0075i	0.9238+0.0839i	0.0584+0.0266i	0.0178+0.0015i	-0.1832+0.0382i	0.0487+0.0301i	0.0259+0.0072i
6.0	0.1318+0.0151i	0.0165-0.0015i	0.9438+0.0906i	0.0695+0.0245i	0.0179-0.0077i	-0.2040+0.0310i	0.0586+0.0277i	0.0277-0.0032i
6.1	0.1486+0.0115i	0.0095-0.0064i	0.9598+0.0969i	0.0771+0.0221i	0.0110-0.0119i	-0.1918+0.0294i	0.0646+0.0251i	0.0215-0.0087i
6.2	0.1769+0.0093i	-0.0000-0.0052i	0.9761+0.1131i	0.0897+0.0238i	0.0030-0.0100i	-0.1896+0.0137i	0.0742+0.0271i	0.0132-0.0072i
6.3	0.2014+0.0050i	-0.0034-0.0017i	0.9777+0.1266i	0.1013+0.0243i	0.0009-0.0069i	-0.2028+0.0091i	0.0833+0.0278i	0.0112-0.0036i
6.4	0.2306-0.0015i	-0.0065+0.0011i	0.9678+0.1463i	0.1145+0.0238i	-0.0004-0.0048i	-0.2208+0.0142i	0.0937+0.0285i	0.0104-0.0011i
6.5	0.2714-0.0089i	-0.0101+0.0042i	0.9449+0.1711i	0.1340+0.0222i	-0.0011-0.0031i	-0.2418+0.0219i	0.1092+0.0288i	0.0105+0.0011i
6.6	0.3336-0.0217i	-0.0138+0.0106i	0.8918+0.2275i	0.1647+0.0234i	-0.0031-0.0003i	-0.2487+0.0050i	0.1358+0.0318i	0.0116+0.0056i
6.7	0.3974-0.0411i	-0.0158+0.0148i	0.8317+0.2980i	0.1988+0.0224i	-0.0041+0.0016i	-0.2584-0.0053i	0.1642+0.0336i	0.0138+0.0079i
6.8	0.5297-0.0950i	-0.0231+0.0200i	0.6674+0.4404i	0.2654+0.0042i	-0.0081+0.0025i	-0.2920+0.0030i	0.2203+0.0213i	0.0164+0.0088i
6.9	0.6713-0.1855i	-0.0311+0.0257i	0.4855+0.6683i	0.3398-0.0306i	-0.0127+0.0040i	-0.3199+0.0127i	0.2833-0.0043i	0.0191+0.0078i
7.0	0.8420-0.5163i	-0.0437+0.0523i	0.3839+1.3763i	0.4487-0.1701i	-0.0204+0.0161i	-0.3608+0.0384i	0.3784-0.1126i	0.0188+0.0086i
7.1	0.8509-0.9560i	-0.0455+0.0906i	0.6246+2.1898i	0.4882-0.3787i	-0.0238+0.0352i	-0.4001+0.0696i	0.4205-0.2814i	0.0172+0.0128i
7.2	0.2193-1.4336i	0.0202+0.1365i	2.0225+2.7194i	0.2254-0.6657i	0.0078+0.0606i	-0.3701+0.1482i	0.2205-0.5281i	0.0352+0.0227i
7.3	-0.3673-1.4354i	0.0830+0.1239i	3.0711+2.5428i	-0.0630-0.7110i	0.0398+0.0558i	-0.3135+0.1293i	-0.0114-0.5809i	0.0539+0.0085i
7.4	-0.8031-1.0984i	0.1113+0.0719i	3.8640+1.9118i	-0.2946-0.5695i	0.0530+0.0302i	-0.3249+0.0641i	-0.2089-0.4781i	0.0459-0.0188i
7.5	-0.8638-0.6702i	0.1032+0.0374i	3.9882+1.0929i	-0.3443-0.3689i	0.0486+0.0150i	-0.3559+0.0396i	-0.2588-0.3155i	0.0302-0.0185i
7.6	-0.7421-0.4189i	0.0891+0.0230i	3.7632+0.6258i	-0.3048-0.2463i	0.0426+0.0090i	-0.3817+0.0278i	-0.2324-0.2131i	0.0256-0.0117i
7.7	-0.6215-0.3343i	0.0791+0.0166i	3.6082+0.4901i	-0.2516-0.2004i	0.0390+0.0058i	-0.4077+0.0129i	-0.1901-0.1745i	0.0261-0.0101i
7.8	-0.5744-0.3162i	0.0733+0.0129i	3.6089+0.4421i	-0.2322-0.1903i	0.0359+0.0038i	-0.4504-0.0252i	-0.1765-0.1657i	0.0239-0.0112i
7.9	-0.5915-0.2917i	0.0705+0.0119i	3.7362+0.3877i	-0.2412-0.1786i	0.0329+0.0035i	-0.5534-0.0179i	-0.1858-0.1557i	0.0201-0.0105i
8.0	-0.5907-0.2229i	0.0698+0.0119i	3.7819+0.2173i	-0.2472-0.1453i	0.0328+0.0053i	-0.6223+0.0581i	-0.1919-0.1269i	0.0203-0.0052i
8.1	-0.5869-0.1900i	0.0689+0.0083i	3.8335+0.1305i	-0.2512-0.1328i	0.0326+0.0045i	-0.6811+0.0957i	-0.1964-0.1176i	0.0198-0.0061i
8.2	-0.5987-0.1528i	0.0668+0.0063i	3.9188+0.0613i	-0.2603-0.1158i	0.0312+0.0036i	-0.7251+0.1143i	-0.2057-0.1044i	0.0178-0.0061i
8.3	-0.6016-0.1076i	0.0645+0.0055i	3.9978-0.0182i	-0.2657-0.0916i	0.0297+0.0034i	-0.8003+0.1409i	-0.2115-0.0838i	0.0159-0.0036i
8.4	-0.5984-0.0776i	0.0634+0.0059i	4.0822-0.0866i	-0.2672-0.0748i	0.0287+0.0049i	-0.8738+0.2020i	-0.2134-0.0687i	0.0145-0.0009i
8.5	-0.6058-0.0490i	0.0625+0.0073i	4.1917-0.1376i	-0.2729-0.0596i	0.0270+0.0065i	-0.9397+0.2444i	-0.2193-0.0542i	0.0126+0.0025i
8.6	-0.6247-0.0169i	0.0612+0.0078i	4.3528-0.2050i	-0.2795-0.0428i	0.0259+0.0087i	-1.0519+0.3038i	-0.2259-0.0401i	0.0113+0.0052i
8.7	-0.6609+0.0254i	0.0617+0.0090i	4.5467-0.3037i	-0.2958-0.0220i	0.0250+0.0110i	-1.2011+0.3953i	-0.2397-0.0222i	0.0101+0.0089i
8.8	-0.7072+0.0744i	0.0625+0.0100i	4.7605-0.4095i	-0.3161+0.0003i	0.0242+0.0125i	-1.3795+0.5036i	-0.2571-0.0028i	0.0091+0.0130i
8.9	-0.7441+0.1560i	0.0630+0.0115i	4.9932-0.6210i	-0.3316+0.0355i	0.0213+0.0173i	-1.5692+0.7339i	-0.2691+0.0268i	0.0055+0.0188i
9.0	-0.7534+0.2629i	0.0640+0.0147i	5.1262-0.9284i	-0.3373+0.0814i	0.0204+0.0263i	-1.6379+1.0980i	-0.2734+0.0646i	0.0034+0.0291i
9.1	-0.7204+0.3709i	0.0657+0.0197i	5.1802-1.2251i	-0.3226+0.1297i	0.0279+0.0354i	-1.5987+1.4433i	-0.2605+0.1047i	0.0105+0.0419i
9.2	-0.8049+0.4749i	0.0714+0.0262i	5.5279-1.5598i	-0.3579+0.1700i	0.0326+0.0429i	-1.8814+1.8350i	-0.2912+0.1364i	0.0131+0.0515i
9.3	-0.7595+0.8368i	0.0850+0.0265i	5.4658-2.6301i	-0.3509+0.3204i	0.0472+0.0541i	-1.6502+2.9990i	-0.2873+0.2635i	0.0287+0.0699i
9.4	-0.3919+1.0959i	0.0979+0.0175i	4.4653-3.3225i	-0.2052+0.4395i	0.0704+0.0518i	-0.4254+3.7635i	-0.1667+0.3661i	0.0600+0.0736i
9.5	0.1373+1.0357i	0.1034-0.0004i	3.1138-3.0528i	0.0180+0.4301i	0.0893+0.0314i	1.2492+3.5011i	0.0208+0.3609i	0.0903+0.0529i
9.6	0.2979+0.7501i	0.0930-0.0058i	2.8000-2.2158i	0.0943+0.3164i	0.0836+0.0164i	1.6974+2.5554i	0.0876+0.2662i	0.0874+0.0331i
9.7	0.3389+0.5122i	0.0848-0.0057i	2.8472-1.5005i	0.1189+0.2214i	0.0743+0.0096i	1.7970+1.7402i	0.1093+0.1869i	0.0788+0.0219i
9.8	0.2947+0.3606i	0.0833-0.0046i	3.1478-1.0871i	0.1060+0.1578i	0.0694+0.0081i	1.6032+1.2236i	0.0987+0.1329i	0.0729+0.0173i
9.9	0.2422+0.2553i	0.0807-0.0012i	3.4642-0.8049i	0.0873+0.1106i	0.0639+0.0100i	1.3926+0.9032i	0.0837+0.0931i	0.0664+0.0165i
10.0	0.2059+0.2043i	0.0813+0.0032i	3.7078-0.6822i	0.0752+0.0881i	0.0637+0.0139i	1.2519+0.7539i	0.0740+0.0733i	0.0654+0.0207i
10.1	0.1618+0.1675i	0.0828+0.0068i	4.0147-0.6056i	0.0590+0.0724i	0.0636+0.0190i	1.0720+0.6298i	0.0605+0.0592i	0.0632+0.0255i
10.2	0.1359+0.1486i	0.0847+0.0093i	4.2293-0.5608i	0.0492+0.0636i	0.0641+0.0237i	0.9507+0.5991i	0.0526+0.0509i	0.0638+0.0297i
10.3	0.1174+0.1374i	0.0860+0.0077i	4.4256-0.5473i	0.0426+0.0573i	0.0686+0.0264i	0.8801+0.5997i	0.0468+0.0449i	0.0678+0.0307i
10.4	0.1076+0.1243i	0.0861+0.0129i	4.6420-0.5004i	0.0385+0.0483i	0.0729+0.0277i	0.8734+0.5604i	0.0449+0.0404i	0.0716+0.0322i
10.5	0.1061+0.1099i	0.0932+0.0195i	4.8004-0.4551i	0.0383+0.0428i	0.0764+0.0318i	0.8939+0.5069i	0.0448+0.0343i	0.0760+0.0362i
10.6	0.1013+0.0918i	0.1017+0.0235i	5.0085-0.3993i	0.0358+0.0361i	0.0814+0.0344i	0.8910+0.4240i	0.0428+0.0267i	0.0801+0.0387i
10.7	0.0914+0.0747i	0.1103+0.0231i	5.2187-0.3585i	0.0326+0.0297i	0.0876+0.0364i	0.8438+0.3301i	0.0395+0.0215i	0.0852+0.0398i
10.8	0.0759+0.0608i	0.1162+0.0212i	5.4500-0.3433i	0.0276+0.0233i	0.0921+0.0379i	0.7644+0.2813i	0.0358+0.0171i	0.0890+0.0410i
10.9	0.0600+0.0496i	0.1234+0.0207i	5.7188-0.3184i	0.0218+0.0181i	0.0974+0.0375i	0.7091+0.2313i	0.0314+0.0119i	0.0946+0.0420i
11.0	0.0455+0.0446i	0.1271+0.0184i	5.9928-0.3072i	0.0159+0.0169i	0.1016+0.0369i	0.6469+0.2166i	0.0266+0.0090i	0.0970+0.0399i
11.1	0.0382+0.0422i	0.1307+0.0175i	6.1797-0.3119i	0.0130+0.0153i	0.1055+0.0386i	0.6069+0.2275i	0.0247+0.0075i	0.0993+0.0410i
11.2	0.0294+0.0395i	0.1364+0.0175i	6.3972-0.3057i	0.0092+0.0117i	0.1114+0.0413i	0.5821+0.2272i	0.0233+0.0047i	0.1049+0.0434i
11.3	0.0183+0.0358i	0.1435+0.0179i	6.7355-0.2638i	0.0042+0.0107i	0.1179+0.0440i	0.5226+0.1913i	0.0205+0.0021i	0.1105+0.0460i
11.4	0.0115+0.0354i	0.1474+0.0169i	6.9825-0.2892i	0.0019+0.0108i	0.1233+0.0459i	0.5008+0.1811i	0.0183+0.0014i	0.1150+0.0467i
11.5	0.0043+0.0340i	0.1507+0.0143i	7.2547-0.3164i	-0.0005+0.0107i	0.1281+0.0443i	0.4801+0.1759i	0.0163+0.0019i	0.1181+0.0454i
11.6	-0.0043+0.0321i	0.1560+0.0133i	7.5660-0.3211i	-0.0041+0.0110i	0.1339+0.0431i	0.4220+0.1643i	0.0135+0.0008i	0.1228+0.0432i
11.7	-0.0108+0.0298i	0.1610+0.0149i	7.8649-0.3210i	-0.0069+0.0109i	0.1381+0.0440i	0.3794+0.1681i	0.0115-0.0013i	0.1262+0.0437i
11.8	-0.0187+0.0293i	0.1650+0.0139i	8.1908-0.3430i	-0.0094+0.0114i	0.1410+0.0456i	0.3615+0.1692i	0.0108-0.0023i	0.1276+0.0450i
11.9	-0.0276+0.0322i	0.1694+0.0146i	8.5490-0.4031i	-0.0126+0.0127i	0.1430+0.0484i	0.3090+0.1750i	0.0112-0.0029i	0.1263+0.0490i

12.0	-0.0349+0.0356i	0.1738+0.0165i	8.9180-0.4267i	-0.0157+0.0147i	0.1449+0.0528i	0.2757+0.1934i	0.0111-0.0034i	0.1269+0.0530i
12.1	-0.0443+0.0392i	0.1779+0.0206i	9.3476-0.4457i	-0.0178+0.0175i	0.1435+0.0611i	0.2475+0.2015i	0.0107-0.0043i	0.1244+0.0597i
12.2	-0.0507+0.0449i	0.1814+0.0243i	9.7190-0.5170i	-0.0190+0.0204i	0.1424+0.0737i	0.2306+0.2160i	0.0114-0.0069i	0.1196+0.0709i
12.3	-0.0563+0.0542i	0.1863+0.0314i	10.1204-0.6092i	-0.0197+0.0243i	0.1434+0.0925i	0.2117+0.2421i	0.0134-0.0101i	0.1187+0.0887i
12.4	-0.0613+0.0652i	0.1918+0.0415i	10.5653-0.6940i	-0.0204+0.0272i	0.1480+0.1159i	0.2003+0.2538i	0.0132-0.0144i	0.1194+0.1110i
12.5	-0.0641+0.0785i	0.1997+0.0548i	10.9924-0.8033i	-0.0211+0.0338i	0.1573+0.1482i	0.1994+0.2794i	0.0133-0.0205i	0.1236+0.1422i
12.6	-0.0616+0.0913i	0.2125+0.0688i	11.3632-0.8997i	-0.0201+0.0409i	0.1787+0.1805i	0.2022+0.2881i	0.0123-0.0262i	0.1404+0.1732i
12.7	-0.0519+0.1069i	0.2408+0.0879i	11.8603-1.0631i	-0.0127+0.0492i	0.2268+0.2186i	0.1940+0.2858i	0.0057-0.0357i	0.1809+0.2114i
12.8	-0.0404+0.1204i	0.2685+0.1061i	12.2885-1.1477i	-0.0070+0.0562i	0.2762+0.2585i	0.2024+0.2863i	-0.0030-0.0451i	0.2221+0.2512i
12.9	-0.0186+0.1232i	0.3148+0.1074i	12.8116-1.2986i	0.0056+0.0584i	0.3549+0.2638i	0.2087+0.2904i	-0.0168-0.0462i	0.2902+0.2614i
13.0	0.0047+0.1170i	0.3637+0.0997i	13.2809-1.3806i	0.0193+0.0568i	0.4434+0.2488i	0.2086+0.2707i	-0.0323-0.0454i	0.3695+0.2506i
13.1	0.0168+0.1069i	0.3967+0.0831i	13.7564-1.4808i	0.0261+0.0519i	0.5043+0.2197i	0.1929+0.2646i	-0.0437-0.0412i	0.4228+0.2280i
13.2	0.0266+0.0902i	0.4332+0.0652i	14.3944-1.4269i	0.0319+0.0449i	0.5663+0.1802i	0.1832+0.2451i	-0.0526-0.0340i	0.4767+0.1938i
13.3	0.0247+0.0721i	0.4633+0.0392i	15.1963-1.4357i	0.0354+0.0380i	0.6086+0.1236i	0.1357+0.2476i	-0.0598-0.0222i	0.5129+0.1452i
13.4	0.0215+0.0610i	0.4848+0.0161i	15.8233-1.5484i	0.0366+0.0339i	0.6329+0.0777i	0.1121+0.2477i	-0.0627-0.0124i	0.5318+0.1067i
13.5	0.0149+0.0518i	0.5048-0.0044i	16.5289-1.6990i	0.0372+0.0312i	0.6424+0.0397i	0.0907+0.2338i	-0.0614-0.0036i	0.5400+0.0758i
13.6	0.0038+0.0427i	0.5270-0.0224i	17.5335-1.9149i	0.0428+0.0313i	0.6533+0.0019i	0.0768+0.2441i	-0.0567+0.0051i	0.5472+0.0474i
13.7	-0.0022+0.0412i	0.5585-0.0355i	18.5820-1.9737i	0.0501+0.0324i	0.6699-0.0159i	0.0650+0.2302i	-0.0507+0.0106i	0.5631+0.0325i
13.8	-0.0056+0.0409i	0.5913-0.0582i	19.6456-2.2370i	0.0568+0.0303i	0.6884-0.0348i	0.0068+0.2315i	-0.0460+0.0127i	0.5789+0.0153i
13.9	-0.0108+0.0379i	0.6206-0.0787i	20.6284-2.4970i	0.0621+0.0252i	0.7101-0.0462i	-0.0257+0.2356i	-0.0440+0.0105i	0.5946+0.0043i
14.0	-0.0162+0.0346i	0.6623-0.1075i	22.0201-2.7824i	0.0692+0.0196i	0.7518-0.0549i	-0.0697+0.2180i	-0.0425+0.0080i	0.6247-0.0073i
14.1	-0.0238+0.0348i	0.6972-0.1457i	23.4154-3.2542i	0.0772+0.0175i	0.7993-0.0780i	-0.1355+0.2105i	-0.0447+0.0117i	0.6563-0.0265i
14.2	-0.0306+0.0310i	0.7319-0.1853i	24.8566-3.9254i	0.0845+0.0100i	0.8430-0.1066i	-0.1863+0.2269i	-0.0458+0.0108i	0.6853-0.0476i
14.3	-0.0420+0.0233i	0.7766-0.2248i	26.6535-4.5093i	0.0889-0.0056i	0.9004-0.1296i	-0.2477+0.2167i	-0.0509+0.0047i	0.7242-0.0622i
14.4	-0.0543+0.0244i	0.8359-0.2783i	28.8742-5.2419i	0.0982-0.0125i	0.9775-0.1663i	-0.3657+0.2430i	-0.0554+0.0052i	0.7728-0.0904i
14.5	-0.0677+0.0239i	0.8861-0.3452i	30.9104-6.2559i	0.1045-0.0212i	1.0448-0.2133i	-0.4632+0.2593i	-0.0597+0.0066i	0.8129-0.1231i
14.6	-0.0861+0.0229i	0.9247-0.4321i	32.8601-7.5494i	0.1050-0.0310i	1.1095-0.2708i	-0.5469+0.2544i	-0.0677+0.0072i	0.8546-0.1630i
14.7	-0.1184+0.0317i	0.9264-0.5905i	35.4306-10.1082i	0.1072-0.0479i	1.1780-0.3872i	-0.7239+0.3454i	-0.0769+0.0155i	0.8879-0.2365i
14.8	-0.1549+0.0626i	0.8597-0.6801i	36.7921-12.0922i	0.0973-0.0486i	1.1929-0.4570i	-0.9046+0.4438i	-0.0864+0.0311i	0.8879-0.2705i
14.9	-0.1826+0.1163i	0.7794-0.6749i	38.8289-13.6810i	0.0947-0.0417i	1.2143-0.4988i	-1.1123+0.6238i	-0.0893+0.0522i	0.8966-0.2702i
15.0	-0.1849+0.1863i	0.7794-0.5976i	41.4265-14.4196i	0.1014-0.0121i	1.2678-0.4575i	-1.2263+0.8537i	-0.0844+0.0777i	0.9415-0.2073i
15.1	-0.1398+0.2525i	0.8904-0.5516i	45.2274-16.0034i	0.1450+0.0118i	1.4557-0.4294i	-1.3123+1.0999i	-0.0646+0.0968i	1.1012-0.1568i
15.2	-0.0463+0.2563i	1.0790-0.6204i	49.9171-20.2418i	0.2258-0.0142i	1.7325-0.5869i	-1.3453+1.3228i	-0.0245+0.0939i	1.3479-0.2683i
15.3	0.0178+0.2273i	1.3056-0.7560i	56.4772-24.9546i	0.3089-0.0610i	2.0583-0.7977i	-1.4790+1.5231i	0.0051+0.0767i	1.6086-0.4379i
15.4	0.0360+0.1851i	1.5462-1.0185i	64.2056-32.8355i	0.3797-0.1401i	2.3988-1.1577i	-1.7195+1.8155i	0.0147+0.0564i	1.8526-0.7168i
15.5	0.0259+0.1473i	1.7097-1.4648i	70.2085-46.6267i	0.4224-0.2732i	2.6437-1.7758i	-1.9013+2.4175i	0.0124+0.0331i	2.0145-1.1646i
15.6	0.0189+0.1255i	1.8293-2.2742i	75.3376-72.2647i	0.4649-0.5029i	2.8573-2.8852i	-1.9953+3.6190i	0.0107+0.0076i	2.1521-1.9418i
15.7	0.0095+0.1364i	1.6796-3.0145i	72.4885-95.7879i	0.4361-0.7000i	2.7209-3.8909i	-1.7467+4.7576i	0.0035-0.0049i	2.0478-2.6276i
15.8	0.0024+0.1422i	0.4575-3.8926i	37.2355-125.6029i	0.1100-0.9716i	1.1630-5.1712i	0.1518+6.0203i	-0.0260-0.0314i	0.9798-3.4854i
15.9	0.0089+0.1573i	-0.9973-3.8881i	-6.2611-128.7344i	-0.2919-0.9974i	-0.7427-5.2779i	2.3247+5.8838i	-0.0618-0.0391i	-0.3087-3.5371i
16.0	0.0263+0.1622i	-1.8709-3.0836i	-33.9718-106.8799i	-0.5461-0.7879i	-1.9441-4.3012i	3.5950+4.6001i	-0.0859-0.0216i	-1.1037-2.8630i
16.1	0.0507+0.1581i	-2.2124-2.2769i	-45.4464-83.6648i	-0.6471-0.5743i	-2.4274-3.2831i	4.0946+3.3685i	-0.0972-0.0042i	-1.4095-2.1740i
16.2	0.0645+0.1423i	-2.1923-1.7659i	-45.1747-68.6352i	-0.6537-0.4446i	-2.4217-2.6347i	4.0762+2.5981i	-0.1018+0.0003i	-1.3865-1.7458i
16.3	0.0655+0.1117i	-2.0172-1.2517i	-38.7871-54.2262i	-0.6270-0.3176i	-2.1742-2.0121i	3.7901+1.7984i	-0.1177+0.0069i	-1.2032-1.3424i
16.4	0.0558+0.0799i	-1.8747-0.9472i	-32.9275-46.2065i	-0.6105-0.2451i	-1.9606-1.6713i	3.5606+1.2947i	-0.1419+0.0102i	-1.0575-1.1369i
16.5	0.0197+0.0481i	-1.7670-0.7174i	-26.6778-41.5511i	-0.6215-0.1929i	-1.7787-1.4628i	3.3662+0.8725i	-0.1863+0.0133i	-0.9398-1.0243i
16.6	-0.0306+0.0504i	-1.6547-0.5895i	-21.6569-42.1434i	-0.6470-0.1429i	-1.6490-1.4170i	3.1728+0.6674i	-0.2355+0.0479i	-0.8705-1.0043i
16.7	-0.0755+0.0916i	-1.5651-0.4611i	-18.9235-46.0592i	-0.6648-0.0478i	-1.5906-1.4320i	3.0115+0.4786i	-0.2650+0.1287i	-0.8562-1.0126i
16.8	-0.0957+0.1818i	-1.4429-0.2993i	-22.5935-51.7016i	-0.6627+0.0945i	-1.7142-1.4145i	2.8826+0.2950i	-0.2575+0.2533i	-0.9579-0.9730i
16.9	-0.0591+0.2336i	-1.3699-0.2259i	-28.5766-51.2090i	-0.6061+0.2146i	-1.8315-1.2433i	2.8217+0.0064i	-0.1945+0.3427i	-1.0312-0.8346i
17.0	-0.0160+0.2634i	-1.3061-0.1439i	-32.0987-49.9557i	-0.4969+0.2816i	-1.8063-1.1047i	2.5235-0.2667i	-0.0992+0.3910i	-0.9979-0.7229i
17.1	0.0338+0.2931i	-1.2077-0.0602i	-38.4242-49.8614i	-0.3873+0.3344i	-1.8287-1.0156i	2.1274-0.4488i	0.0094+0.4333i	-0.9882-0.6446i
17.2	0.1079+0.2790i	-1.1618-0.0456i	-44.4375-41.6627i	-0.2612+0.3181i	-1.8334-0.8392i	1.8375-0.3124i	0.1389+0.3887i	-0.9591-0.5346i
17.3	0.1454+0.2227i	-1.1398+0.0193i	-43.5457-32.6830i	-0.1816+0.2347i	-1.7359-0.6979i	1.6969-0.1561i	0.2005+0.2798i	-0.8796-0.4576i
17.4	0.1402+0.1892i	-1.0902+0.1239i	-40.3228-28.4270i	-0.1696+0.1667i	-1.6588-0.6371i	1.6579-0.0591i	0.1903+0.2067i	-0.8278-0.4189i
17.5	0.1406+0.1797i	-1.0109+0.1713i	-39.9291-26.6002i	-0.1757+0.1412i	-1.6441-0.6012i	1.6380-0.0230i	0.1869+0.1847i	-0.8073-0.3893i
17.6	0.1448+0.1607i	-0.9413+0.1967i	-38.8019-22.3386i	-0.1786+0.1158i	-1.6126-0.5298i	1.6248+0.0193i	0.1897+0.1467i	-0.7660-0.3461i
17.7	0.1418+0.1470i	-0.8958+0.2371i	-36.0582-20.5574i	-0.1845+0.1019i	-1.5650-0.4975i	1.6424+0.0115i	0.1756+0.1198i	-0.7247-0.3315i
17.8	0.1401+0.1323i	-0.8133+0.2990i	-33.7574-19.7101i	-0.1968+0.0851i	-1.5346-0.4794i	1.6898-0.0522i	0.1565+0.0970i	-0.6920-0.3232i
17.9	0.1429+0.1251i	-0.7388+0.3304i	-33.0646-19.1099i	-0.2049+0.0816i	-1.5351-0.4588i	1.7047-0.1034i	0.1502+0.0892i	-0.6798-0.3109i
18.0	0.1409+0.1164i	-0.6647+0.3355i	-32.5023-18.2083i	-0.2145+0.0835i	-1.5423-0.4297i	1.6780-0.1899i	0.1441+0.0863i	-0.6691-0.2958i
18.1	0.1362+0.1063i	-0.5944+0.3368i	-31.7905-17.0605i	-0.2184+0.0894i	-1.5444-0.3936i	1.6061-0.3165i	0.1425+0.0859i	-0.6517-0.2735i
18.2	0.1289+0.1000i	-0.5460+0.3397i	-30.7250-16.1596i	-0.2158+0.0941i	-1.5396-0.3542i	1.5246-0.4004i	0.1418+0.0831i	-0.6357-0.2547i

18.3	0.1262+0.0927i	-0.4952+0.3342i	-30.0873-15.3425i	-0.2087+0.0929i	-1.5384-0.3200i	1.3429-0.4589i	0.1468+0.0773i	-0.6179-0.2350i
18.4	0.1210+0.0837i	-0.4737+0.3116i	-29.1496-14.2685i	-0.1950+0.0789i	-1.5356-0.2706i	1.1668-0.4566i	0.1575+0.0660i	-0.6003-0.2067i
18.5	0.1080+0.0829i	-0.4796+0.3443i	-28.2415-14.0338i	-0.1992+0.0504i	-1.5181-0.2357i	0.9721-0.3467i	0.1629+0.0491i	-0.5638-0.1841i
18.6	0.0830+0.0909i	-0.4326+0.4565i	-28.0451-14.4560i	-0.2582+0.0188i	-1.5120-0.2403i	0.9117-0.0382i	0.1496+0.0269i	-0.5197-0.1965i
18.7	0.0824+0.1210i	-0.2597+0.4952i	-29.0784-13.9368i	-0.3041+0.0731i	-1.5651-0.2263i	1.0859-0.0159i	0.1343+0.0355i	-0.5345-0.2187i
18.8	0.0966+0.1345i	-0.1305+0.4375i	-29.3497-12.7959i	-0.2964+0.1170i	-1.6013-0.1726i	1.0753-0.0907i	0.1382+0.0407i	-0.5490-0.2049i
18.9	0.1056+0.1398i	-0.0659+0.3928i	-29.1794-11.6940i	-0.2866+0.1308i	-1.6173-0.1190i	1.0262-0.0677i	0.1439+0.0356i	-0.5484-0.1799i
19.0	0.1191+0.1431i	-0.0088+0.3223i	-28.5891-10.3092i	-0.2757+0.1421i	-1.6187-0.0492i	1.0049-0.0049i	0.1457+0.0256i	-0.5334-0.1536i
19.1	0.1333+0.1448i	0.0469+0.2402i	-27.8278-8.7370i	-0.2732+0.1507i	-1.6266+0.0286i	1.0044+0.0533i	0.1477+0.0174i	-0.5106-0.1179i
19.2	0.1416+0.1451i	0.0653+0.1980i	-27.1242-8.0264i	-0.2743+0.1552i	-1.6212+0.0658i	1.0224+0.0801i	0.1479+0.0130i	-0.4897-0.1036i
19.3	0.1539+0.1475i	0.0911+0.1375i	-26.0558-7.0907i	-0.2769+0.1684i	-1.6168+0.1460i	1.0609+0.0996i	0.1479+0.0035i	-0.4552-0.0777i
19.4	0.1655+0.1504i	0.1064+0.1024i	-25.4922-6.5609i	-0.2753+0.1797i	-1.5969+0.2024i	1.0576+0.1080i	0.1468-0.0035i	-0.4238-0.0606i
19.5	0.1822+0.1499i	0.1163+0.0516i	-24.5724-5.9703i	-0.2699+0.1945i	-1.5665+0.2696i	1.0805+0.1105i	0.1434-0.0117i	-0.3836-0.0508i
19.6	0.2001+0.1446i	0.1292+0.0101i	-23.7237-5.6756i	-0.2631+0.2022i	-1.5381+0.3057i	1.1062+0.0880i	0.1419-0.0153i	-0.3423-0.0557i
19.7	0.2171+0.1347i	0.1391-0.0245i	-22.9809-5.4520i	-0.2562+0.2105i	-1.5084+0.3349i	1.1182+0.0546i	0.1429-0.0185i	-0.3011-0.0677i
19.8	0.2314+0.1229i	0.1393-0.0597i	-22.2993-5.2540i	-0.2480+0.2158i	-1.4714+0.3604i	1.0923+0.0270i	0.1423-0.0226i	-0.2647-0.0794i
19.9	0.2440+0.1089i	0.1417-0.0952i	-21.6392-5.0887i	-0.2407+0.2190i	-1.4428+0.3853i	1.0194+0.0190i	0.1433-0.0281i	-0.2251-0.0992i
20.0	0.2555+0.0947i	0.1475-0.1188i	-21.2263-4.9127i	-0.2362+0.2179i	-1.4204+0.3902i	0.9459+0.0571i	0.1455-0.0339i	-0.1848-0.1289i
20.1	0.2669+0.0787i	0.1469-0.1397i	-20.6618-4.6410i	-0.2312+0.2174i	-1.3899+0.3737i	0.8969+0.1321i	0.1427-0.0374i	-0.1440-0.1746i
20.2	0.2770+0.0645i	0.1652-0.1703i	-19.9905-4.5726i	-0.2369+0.2195i	-1.3995+0.3815i	0.9382+0.2140i	0.1429-0.0466i	-0.1201-0.2219i
20.3	0.2854+0.0465i	0.1944-0.1998i	-19.4229-4.5288i	-0.2462+0.2208i	-1.4247+0.3739i	0.9730+0.2659i	0.1449-0.0502i	-0.0971-0.2758i
20.4	0.2934+0.0154i	0.2227-0.2537i	-18.7767-4.5228i	-0.2585+0.2272i	-1.4543+0.3720i	0.9984+0.3101i	0.1439-0.0565i	-0.0817-0.3566i
20.5	0.2985-0.0159i	0.2401-0.3333i	-18.2248-4.6043i	-0.2670+0.2467i	-1.4848+0.4124i	1.0317+0.3240i	0.1441-0.0674i	-0.0784-0.4438i
20.6	0.2888-0.0558i	0.2242-0.4394i	-17.8442-4.8150i	-0.2703+0.2741i	-1.5174+0.4655i	1.0523+0.3512i	0.1430-0.0812i	-0.1154-0.5557i
20.7	0.2742-0.0842i	0.1876-0.5096i	-17.6648-4.9049i	-0.2631+0.2904i	-1.5375+0.5091i	1.0572+0.3810i	0.1408-0.0925i	-0.1693-0.6279i
20.8	0.2538-0.1044i	0.1349-0.5598i	-17.4199-5.0391i	-0.2517+0.3063i	-1.5465+0.5474i	1.0863+0.4123i	0.1355-0.0990i	-0.2489-0.6879i
20.9	0.2233-0.1204i	0.0682-0.5987i	-17.3090-5.1189i	-0.2363+0.3216i	-1.5679+0.5944i	1.1060+0.4190i	0.1275-0.1035i	-0.3609-0.7127i
21.0	0.1920-0.1363i	-0.0068-0.6251i	-17.2013-5.0370i	-0.2189+0.3255i	-1.5729+0.6228i	1.0859+0.4896i	0.1218-0.1135i	-0.4570-0.7448i
21.1	0.1577-0.1400i	-0.0862-0.6248i	-17.0722-4.9010i	-0.2013+0.3216i	-1.5741+0.6408i	1.1127+0.5601i	0.1120-0.1220i	-0.5677-0.7571i
21.2	0.1290-0.1255i	-0.1502-0.5932i	-16.9017-4.7085i	-0.1908+0.3115i	-1.5778+0.6442i	1.1863+0.6579i	0.0994-0.1204i	-0.6627-0.7323i
21.3	0.1132-0.1095i	-0.1629-0.5593i	-16.5778-4.5173i	-0.2004+0.3040i	-1.6563+0.6542i	1.3050+0.7756i	0.0933-0.1194i	-0.7525-0.7017i
21.4	0.1059-0.0887i	-0.1659-0.5297i	-16.0708-4.3736i	-0.2114+0.3047i	-1.7315+0.7099i	1.4894+0.7822i	0.0885-0.1165i	-0.8361-0.6306i
21.5	0.0972-0.0738i	-0.1669-0.5046i	-15.6032-4.2764i	-0.2238+0.3046i	-1.8292+0.7613i	1.6523+0.7662i	0.0878-0.1145i	-0.9188-0.5642i
21.6	0.0899-0.0679i	-0.1596-0.4914i	-15.3159-4.2893i	-0.2366+0.3063i	-1.9373+0.8072i	1.7652+0.7578i	0.0901-0.1149i	-0.9991-0.5288i
21.7	0.0896-0.0461i	-0.1458-0.4707i	-14.9230-4.2914i	-0.2495+0.3108i	-2.0188+0.9017i	1.9018+0.7110i	0.0906-0.1142i	-1.0568-0.4351i
21.8	0.1009-0.0311i	-0.1024-0.4847i	-14.3870-4.4189i	-0.2774+0.3322i	-2.1218+1.0686i	2.0270+0.6298i	0.0945-0.1180i	-1.0734-0.3332i
21.9	0.1139-0.0223i	-0.0604-0.5118i	-13.8911-4.5958i	-0.3041+0.3639i	-2.2473+1.2722i	2.1859+0.5915i	0.1001-0.1271i	-1.1139-0.2399i
22.0	0.1257-0.0217i	-0.0167-0.5611i	-13.4696-4.9211i	-0.3337+0.4017i	-2.3759+1.4914i	2.3251+0.4739i	0.1056-0.1347i	-1.1487-0.1524i
22.1	0.1385-0.0229i	0.0268-0.6200i	-13.0352-5.3194i	-0.3570+0.4478i	-2.4817+1.7601i	2.4405+0.3317i	0.1123-0.1476i	-1.1720-0.0537i
22.2	0.1505-0.0303i	0.0527-0.7149i	-12.6446-5.8826i	-0.3693+0.5157i	-2.5595+2.1405i	2.5261+0.1318i	0.1191-0.1666i	-1.1926+0.0762i
22.3	0.1652-0.0459i	0.0836-0.8357i	-12.3412-6.4958i	-0.3797+0.5890i	-2.6271+2.5586i	2.5877-0.0655i	0.1272-0.1913i	-1.1993+0.1937i
22.4	0.1766-0.0691i	0.0721-1.0078i	-12.2580-7.3850i	-0.3666+0.6888i	-2.5485+3.1583i	2.5976-0.3053i	0.1239-0.2324i	-1.1680+0.3606i
22.5	0.1691-0.0916i	-0.0280-1.1547i	-12.6206-8.1305i	-0.3090+0.7753i	-2.2302+3.6403i	2.5331-0.5105i	0.1046-0.2626i	-1.0978+0.4853i
22.6	0.1517-0.1251i	-0.2204-1.3799i	-13.3645-9.2350i	-0.2021+0.9068i	-1.6445+4.3859i	2.4110-0.8119i	0.0657-0.3093i	-0.9764+0.6786i
22.7	0.1305-0.1410i	-0.4363-1.4646i	-14.2795-9.6408i	-0.0789+0.9617i	-0.9523+4.7245i	2.2116-0.9525i	0.0217-0.3269i	-0.8114+0.7927i
22.8	0.0996-0.1488i	-0.6971-1.4931i	-15.3382-9.7255i	0.0690+0.9818i	-0.1443+4.8598i	1.9821-1.0263i	-0.0308-0.3333i	-0.6303+0.8546i
22.9	0.0643-0.1420i	-0.9812-1.4138i	-16.4603-9.3978i	0.2293+0.9397i	0.7658+4.6672i	1.7567-0.9570i	-0.0889-0.3206i	-0.4089+0.8356i
23.0	0.0442-0.1207i	-1.1808-1.2639i	-17.2345-8.8255i	0.3429+0.8696i	1.4633+4.3390i	1.6224-0.7979i	-0.1305-0.3004i	-0.2087+0.7906i
23.1	0.0409-0.0980i	-1.3134-1.0572i	-17.7872-7.8185i	0.4297+0.7606i	2.0106+3.7388i	1.6469-0.6691i	-0.1670-0.2608i	-0.0590+0.6662i
23.2	0.0345-0.0889i	-1.3902-0.8781i	-17.9191-6.8170i	0.4746+0.6485i	2.3188+3.0973i	1.6318-0.6358i	-0.1852-0.2171i	0.0285+0.5203i
23.3	0.0312-0.0782i	-1.4065-0.7390i	-17.8074-6.1717i	0.4759+0.5708i	2.3812+2.6492i	1.6473-0.6319i	-0.1880-0.1872i	0.0628+0.4274i
23.4	0.0310-0.0652i	-1.4180-0.5820i	-17.6039-5.4453i	0.4754+0.4910i	2.4196+2.1536i	1.6775-0.6402i	-0.1874-0.1527i	0.0898+0.3200i
23.5	0.0324-0.0565i	-1.4009-0.4549i	-17.2910-4.9123i	0.4609+0.4266i	2.3628+1.7410i	1.7064-0.6378i	-0.1796-0.1273i	0.0901+0.2180i
23.6	0.0349-0.0498i	-1.3636-0.3364i	-16.8886-4.4383i	0.4369+0.3728i	2.2477+1.3841i	1.7336-0.6491i	-0.1728-0.1091i	0.0746+0.1336i
23.7	0.0365-0.0446i	-1.3266-0.2437i	-16.4974-4.1388i	0.4148+0.3355i	2.1133+1.1074i	1.7497-0.6807i	-0.1658-0.0960i	0.0438+0.0618i
23.8	0.0376-0.0405i	-1.2845-0.1734i	-16.1112-3.9199i	0.3933+0.3069i	1.9695+0.9067i	1.7421-0.7518i	-0.1564-0.0851i	0.0127+0.0179i
23.9	0.0417-0.0360i	-1.2447-0.1266i	-15.8385-3.7511i	0.3784+0.2915i	1.8654+0.7837i	1.7181-0.7911i	-0.1505-0.0759i	-0.0009-0.0082i
24.0	0.0457-0.0325i	-1.2008-0.0745i	-15.4073-3.6752i	0.3619+0.2720i	1.7219+0.6556i	1.6967-0.8348i	-0.1387-0.0708i	-0.0245-0.0371i
24.1	0.0429-0.0239i	-1.1738-0.0276i	-15.1149-3.6007i	0.3504+0.2545i	1.6332+0.5421i	1.6368-0.8328i	-0.1345-0.0669i	-0.0437-0.0617i
24.2	0.0449-0.0213i	-1.1242+0.0180i	-14.8100-3.5125i	0.3401+0.2365i	1.5206+0.4465i	1.5681-0.8601i	-0.1298-0.0633i	-0.0652-0.0804i
24.3	0.0458-0.0215i	-1.0892+0.0416i	-14.5570-3.4888i	0.3278+0.2233i	1.4201+0.3952i	1.5319-0.8502i	-0.1255-0.0634i	-0.0903-0.0958i
24.4	0.0479-0.0199i	-1.0555+0.0650i	-14.3135-3.4853i	0.3138+0.2098i	1.3286+0.3491i	1.5058-0.8237i	-0.1228-0.0637i	-0.1073-0.1053i
24.5	0.0497-0.0165i	-1.0269+0.0932i	-14.0791-3.4269i	0.3030+0.1937i	1.2624+0.2910i	1.5014-0.7873i	-0.1248-0.0617i	-0.1147-0.1124i

24.6	0.0533-0.0100i	-0.9989+0.1177i	-13.7834-3.4536i	0.2890+0.1823i	1.2021+0.2470i	1.5282-0.7708i	-0.1276-0.0576i	-0.1196-0.1180i
24.7	0.0592-0.0045i	-0.9615+0.1393i	-13.4808-3.4223i	0.2722+0.1740i	1.1256+0.2180i	1.5412-0.7639i	-0.1295-0.0556i	-0.1345-0.1193i
24.8	0.0637-0.0024i	-0.9322+0.1527i	-13.2549-3.3858i	0.2596+0.1688i	1.0830+0.1947i	1.5747-0.7820i	-0.1324-0.0500i	-0.1393-0.1168i
24.9	0.0672-0.0058i	-0.9021+0.1613i	-12.9579-3.5270i	0.2401+0.1667i	1.0219+0.1614i	1.6212-0.8334i	-0.1337-0.0421i	-0.1393-0.1269i
25.0	0.0692-0.0078i	-0.8832+0.1657i	-12.7110-3.6014i	0.2276+0.1686i	0.9808+0.1429i	1.6131-0.8907i	-0.1330-0.0339i	-0.1359-0.1301i
25.1	0.0738-0.0071i	-0.8606+0.1713i	-12.5074-3.6556i	0.2213+0.1702i	0.9503+0.1276i	1.5952-0.9037i	-0.1297-0.0276i	-0.1305-0.1367i
25.2	0.0728-0.0078i	-0.8476+0.1738i	-12.2871-3.7397i	0.2152+0.1705i	0.9178+0.1138i	1.5953-0.9131i	-0.1267-0.0233i	-0.1296-0.1450i
25.3	0.0730-0.0115i	-0.8352+0.1772i	-11.9673-3.8515i	0.2030+0.1698i	0.8758+0.1003i	1.6093-0.9465i	-0.1206-0.0163i	-0.1187-0.1458i
25.4	0.0743-0.0042i	-0.8222+0.2007i	-11.6442-3.9793i	0.1947+0.1681i	0.8546+0.0724i	1.6117-0.9280i	-0.1180-0.0123i	-0.1029-0.1571i
25.5	0.0743-0.0026i	-0.8091+0.2214i	-11.3694-4.1663i	0.1838+0.1683i	0.8344+0.0426i	1.6281-0.9287i	-0.1166-0.0093i	-0.0901-0.1766i
25.6	0.0761-0.0008i	-0.7899+0.2366i	-11.1613-4.4027i	0.1735+0.1734i	0.8106+0.0178i	1.6346-0.9669i	-0.1118-0.0039i	-0.0755-0.1955i
25.7	0.0771+0.0078i	-0.7639+0.2614i	-10.9184-4.6828i	0.1654+0.1837i	0.7656-0.0169i	1.6358-0.9981i	-0.1065+0.0041i	-0.0764-0.2256i
25.8	0.0783+0.0126i	-0.7474+0.2916i	-10.8040-4.9796i	0.1600+0.1987i	0.7446-0.0513i	1.6528-1.0365i	-0.1004+0.0116i	-0.0652-0.2579i
25.9	0.0900+0.0208i	-0.7029+0.3128i	-10.6330-5.3320i	0.1575+0.2098i	0.7083-0.0730i	1.6742-1.0337i	-0.0869+0.0151i	-0.0505-0.2903i
26.0	0.1071+0.0229i	-0.6534+0.3240i	-10.5239-5.6394i	0.1597+0.2152i	0.6699-0.0874i	1.7067-1.0587i	-0.0774+0.0146i	-0.0503-0.3163i
26.1	0.1236+0.0144i	-0.6060+0.3294i	-10.2957-6.0215i	0.1558+0.2241i	0.6304-0.1098i	1.7836-1.1450i	-0.0685+0.0127i	-0.0396-0.3612i
26.2	0.1307-0.0066i	-0.5589+0.3162i	-10.2934-6.4842i	0.1611+0.2342i	0.5917-0.1344i	1.7725-1.2759i	-0.0597+0.0078i	-0.0488-0.4233i
26.3	0.1254-0.0211i	-0.5135+0.3008i	-10.4159-7.0066i	0.1661+0.2396i	0.5531-0.1530i	1.6943-1.4009i	-0.0493+0.0025i	-0.0635-0.4764i
26.4	0.1192-0.0339i	-0.4629+0.2824i	-10.5459-7.3899i	0.1707+0.2390i	0.5124-0.1618i	1.6335-1.4689i	-0.0404-0.0097i	-0.0784-0.5224i
26.5	0.1095-0.0438i	-0.4129+0.2546i	-10.7247-7.7096i	0.1698+0.2394i	0.4703-0.1671i	1.5791-1.5238i	-0.0375-0.0213i	-0.1071-0.5656i
26.6	0.0921-0.0422i	-0.3802+0.2072i	-11.0268-8.0057i	0.1687+0.2458i	0.4255-0.1679i	1.4980-1.5728i	-0.0408-0.0306i	-0.1539-0.6120i
26.7	0.0775-0.0344i	-0.3455+0.1562i	-11.1993-8.2351i	0.1650+0.2534i	0.3805-0.1690i	1.4426-1.5916i	-0.0428-0.0396i	-0.1942-0.6561i
26.8	0.0735-0.0247i	-0.3168+0.1076i	-11.3209-8.4025i	0.1606+0.2627i	0.3378-0.1700i	1.4188-1.6174i	-0.0437-0.0473i	-0.2304-0.6918i
26.9	0.0697-0.0165i	-0.2894+0.0429i	-11.4458-8.7332i	0.1567+0.2814i	0.2700-0.1766i	1.3988-1.6925i	-0.0433-0.0535i	-0.2845-0.7496i
27.0	0.0656-0.0134i	-0.2972-0.0329i	-11.6045-9.1421i	0.1640+0.3029i	0.2269-0.1740i	1.3047-1.7936i	-0.0446-0.0650i	-0.3372-0.8145i
27.1	0.0559-0.0057i	-0.3152-0.1037i	-11.8602-9.5309i	0.1751+0.3202i	0.1676-0.1627i	1.1493-1.8487i	-0.0486-0.0765i	-0.4220-0.8725i
27.2	0.0511+0.0105i	-0.3485-0.1708i	-12.2919-9.9602i	0.1893+0.3364i	0.1070-0.1161i	1.0036-1.8431i	-0.0596-0.0880i	-0.5273-0.8982i
27.3	0.0528+0.0302i	-0.3926-0.2333i	-13.0066-10.3503i	0.2098+0.3525i	0.0581-0.0535i	0.8731-1.7898i	-0.0759-0.1014i	-0.6506-0.9119i
27.4	0.0619+0.0506i	-0.4436-0.2774i	-13.7410-10.5188i	0.2339+0.3690i	0.0238+0.0079i	0.7875-1.7274i	-0.0934-0.1050i	-0.7762-0.8964i
27.5	0.0746+0.0660i	-0.5048-0.3074i	-14.4302-10.4728i	0.2614+0.3760i	0.0195+0.0765i	0.7037-1.6462i	-0.1111-0.1026i	-0.8800-0.8427i
27.6	0.0886+0.0828i	-0.5679-0.3434i	-15.1628-10.4532i	0.2901+0.3829i	0.0200+0.1486i	0.6164-1.5742i	-0.1289-0.1003i	-0.9839-0.7838i
27.7	0.1137+0.0982i	-0.6461-0.3624i	-16.0525-10.1239i	0.3294+0.3817i	0.0507+0.2186i	0.5434-1.4210i	-0.1454-0.0936i	-1.0798-0.7015i
27.8	0.1422+0.1080i	-0.7044-0.3757i	-16.7125-9.7569i	0.3583+0.3764i	0.0874+0.2823i	0.5584-1.3231i	-0.1592-0.0860i	-1.1366-0.6128i
27.9	0.1639+0.1036i	-0.7606-0.3560i	-16.9900-9.1361i	0.3735+0.3594i	0.1448+0.3056i	0.6228-1.2463i	-0.1679-0.0711i	-1.1430-0.5181i
28.0	0.1891+0.0963i	-0.8302-0.3371i	-17.3025-8.4150i	0.3914+0.3424i	0.2164+0.3215i	0.6796-1.1565i	-0.1766-0.0535i	-1.1424-0.4240i
28.1	0.2086+0.0897i	-0.8821-0.3180i	-17.4892-7.8253i	0.4105+0.3411i	0.2589+0.3236i	0.6752-1.1313i	-0.1788-0.0350i	-1.1484-0.3557i
28.2	0.2311+0.0814i	-0.9292-0.2845i	-17.5372-7.2037i	0.4434+0.3377i	0.3086+0.3022i	0.6855-1.1122i	-0.1715-0.0191i	-1.1398-0.3089i
28.3	0.2535+0.0662i	-0.9638-0.2610i	-17.4785-6.7238i	0.4767+0.3129i	0.3407+0.2830i	0.7220-1.0621i	-0.1641-0.0140i	-1.1374-0.2675i
28.4	0.2625+0.0477i	-0.9970-0.2263i	-17.3375-6.2580i	0.4891+0.2700i	0.3532+0.2564i	0.7670-0.9956i	-0.1609-0.0132i	-1.1339-0.2194i
28.5	0.2724+0.0361i	-1.0274-0.2011i	-17.2048-5.9039i	0.4907+0.2456i	0.3689+0.2366i	0.8354-0.9418i	-0.1611-0.0098i	-1.1262-0.1919i
28.6	0.2877+0.0161i	-1.0503-0.1758i	-16.9949-5.4892i	0.4911+0.2265i	0.3739+0.2086i	0.9550-0.9539i	-0.1637-0.0024i	-1.1309-0.1689i
28.7	0.2990-0.0032i	-1.0782-0.1533i	-16.8544-5.1240i	0.4942+0.2150i	0.3891+0.1845i	1.0293-1.0051i	-0.1648+0.0044i	-1.1271-0.1459i
28.8	0.2973-0.0228i	-1.0925-0.1362i	-16.6000-4.9716i	0.4989+0.2059i	0.3818+0.1689i	1.0333-1.0440i	-0.1617+0.0093i	-1.1342-0.1280i
28.9	0.2992-0.0386i	-1.1194-0.1195i	-16.3860-4.8257i	0.5018+0.1936i	0.3895+0.1552i	1.0502-1.0598i	-0.1575+0.0120i	-1.1266-0.1118i
29.0	0.3007-0.0553i	-1.1488-0.0956i	-16.0949-4.6350i	0.5038+0.1763i	0.3859+0.1337i	1.1005-1.0964i	-0.1576+0.0171i	-1.1394-0.0871i
29.1	0.3041-0.0712i	-1.1794-0.0729i	-15.8892-4.5388i	0.5129+0.1692i	0.3756+0.1204i	1.1533-1.1161i	-0.1569+0.0186i	-1.1601-0.0765i
29.2	0.3018-0.0825i	-1.2114-0.0456i	-15.6368-4.4943i	0.5215+0.1615i	0.3750+0.1072i	1.1636-1.1121i	-0.1526+0.0202i	-1.1688-0.0662i
29.3	0.2971-0.0941i	-1.2417-0.0097i	-15.4543-4.3512i	0.5237+0.1507i	0.3714+0.0868i	1.1694-1.1361i	-0.1502+0.0221i	-1.1800-0.0545i
29.4	0.2930-0.1069i	-1.2610+0.0214i	-15.2436-4.3268i	0.5280+0.1383i	0.3548+0.0780i	1.1879-1.1826i	-0.1497+0.0253i	-1.2056-0.0237i
29.5	0.2897-0.1228i	-1.2945+0.0449i	-15.0663-4.2816i	0.5403+0.1268i	0.3412+0.0711i	1.1910-1.2230i	-0.1513+0.0275i	-1.2366+0.0037i
29.6	0.2851-0.1332i	-1.3260+0.0809i	-14.8865-4.2973i	0.5486+0.1152i	0.3209+0.0652i	1.2162-1.2621i	-0.1548+0.0276i	-1.2745+0.0286i
29.7	0.2810-0.1417i	-1.3566+0.1150i	-14.7085-4.2885i	0.5596+0.1052i	0.3138+0.0538i	1.2371-1.2669i	-0.1538+0.0293i	-1.3060+0.0430i
29.8	0.2793-0.1491i	-1.3766+0.1587i	-14.6001-4.3241i	0.5709+0.0933i	0.3081+0.0572i	1.2166-1.3002i	-0.1551+0.0339i	-1.3310+0.0827i
29.9	0.2809-0.1582i	-1.3789+0.2078i	-14.3842-4.3701i	0.5774+0.0874i	0.2793+0.0466i	1.2578-1.3495i	-0.1566+0.0359i	-1.3723+0.1058i
30.0	0.2783-0.1724i	-1.4095+0.2510i	-14.1253-4.3775i	0.5889+0.0602i	0.2586+0.0548i	1.3113-1.3665i	-0.1621+0.0387i	-1.4264+0.1713i
30.1	0.2787-0.1847i	-1.4153+0.2942i	-14.0305-4.4156i	0.6056+0.0411i	0.2502+0.0580i	1.3256-1.4557i	-0.1647+0.0397i	-1.4605+0.2205i
30.2	0.2667-0.1988i	-1.4478+0.3262i	-13.9299-4.4658i	0.6147+0.0184i	0.2273+0.0808i	1.3452-1.5400i	-0.1714+0.0443i	-1.5085+0.2976i
30.3	0.2554-0.2099i	-1.4632+0.3692i	-13.8485-4.6118i	0.6174-0.0052i	0.2331+0.1206i	1.3395-1.5455i	-0.1750+0.0489i	-1.5148+0.3931i
30.4	0.2563-0.2203i	-1.4699+0.4213i	-13.7320-4.6795i	0.6172-0.0232i	0.2562+0.1412i	1.3860-1.6225i	-0.1839+0.0522i	-1.5030+0.4767i
30.5	0.2426-0.2246i	-1.4872+0.4465i	-13.6677-4.7451i	0.6198-0.0353i	0.2886+0.1603i	1.3411-1.7085i	-0.1866+0.0680i	-1.4743+0.5554i
30.6	0.2211-0.2337i	-1.5053+0.4728i	-13.5018-4.7585i	0.6304-0.0533i	0.3131+0.1520i	1.2432-1.7769i	-0.1901+0.0829i	-1.4616+0.6053i
30.7	0.2092-0.2373i	-1.5385+0.5185i	-13.3932-4.8911i	0.6466-0.0743i	0.3120+0.1420i	1.1715-1.8075i	-0.1925+0.0899i	-1.4891+0.6432i
30.8	0.2012-0.2380i	-1.5748+0.5756i	-13.2668-5.0362i	0.6667-0.0945i	0.3165+0.1213i	1.1354-1.8376i	-0.1938+0.0939i	-1.5216+0.6764i

30.9	0.1934−0.2446i	−1.5975+0.6246i	−13.1509−5.1971i	0.6796−0.1293i	0.3061+0.1260i	1.1468−1.8405i	−0.2001+0.1026i	−1.5623+0.7581i
31.0	0.1854−0.2486i	−1.6300+0.7067i	−13.0967−5.3115i	0.6808−0.1677i	0.3192+0.1291i	1.1672−1.8831i	−0.1995+0.1148i	−1.5665+0.8566i
31.1	0.1699−0.2583i	−1.6527+0.7660i	−12.9290−5.4453i	0.6819−0.2064i	0.3011+0.1402i	1.1610−1.9456i	−0.2091+0.1301i	−1.6124+0.9665i
31.2	0.1406−0.2484i	−1.6556+0.8550i	−12.8914−5.7025i	0.6694−0.2557i	0.2993+0.1775i	1.0603−1.9702i	−0.2132+0.1599i	−1.5969+1.1480i
31.3	0.1386−0.2193i	−1.6719+0.9516i	−12.8839−5.8373i	0.6576−0.2793i	0.3374+0.1779i	1.0494−1.9046i	−0.2029+0.1779i	−1.5298+1.2448i
31.4	0.1296−0.2086i	−1.6859+1.0670i	−12.7922−6.1114i	0.6476−0.3342i	0.3593+0.2214i	1.0409−1.9645i	−0.1987+0.2209i	−1.4900+1.4766i
31.5	0.1290−0.2129i	−1.6640+1.1848i	−12.7706−6.3550i	0.6410−0.3816i	0.3625+0.2252i	1.0603−2.0845i	−0.2002+0.2477i	−1.4694+1.6375i
31.6	0.1347−0.2074i	−1.6612+1.2978i	−12.7785−6.5688i	0.6230−0.4183i	0.4060+0.2225i	1.1012−2.1341i	−0.1859+0.2705i	−1.3769+1.7648i
31.7	0.1343−0.2084i	−1.6216+1.4117i	−12.6965−6.8360i	0.5901−0.4615i	0.4586+0.2165i	1.0659−2.2133i	−0.1603+0.2935i	−1.2159+1.8936i
31.8	0.1317−0.2063i	−1.5621+1.4998i	−12.7361−7.1394i	0.5473−0.5028i	0.5086+0.2228i	1.0130−2.3022i	−0.1288+0.3207i	−1.0283+2.0366i
31.9	0.1234−0.1963i	−1.4785+1.6466i	−12.9025−7.6101i	0.4720−0.5801i	0.5735+0.2640i	0.9424−2.4070i	−0.0749+0.3849i	−0.7361+2.3457i
32.0	0.1270−0.1661i	−1.3888+1.8019i	−13.1427−8.0282i	0.3754−0.6257i	0.6834+0.2611i	0.8774−2.3884i	0.0119+0.4287i	−0.3124+2.5312i
32.1	0.1230−0.1664i	−1.2847+1.8609i	−13.4050−8.1496i	0.3012−0.6048i	0.7556+0.1770i	0.8048−2.4781i	0.0700+0.4069i	0.0007+2.4100i
32.2	0.1415−0.1726i	−1.1666+1.9303i	−13.6990−8.2325i	0.2340−0.5904i	0.7993+0.0921i	0.8404−2.6144i	0.1308+0.3859i	0.2726+2.2978i
32.3	0.1468−0.1523i	−1.0244+2.0422i	−14.0786−8.5740i	0.1821−0.5582i	0.8068−0.0369i	0.6880−2.7155i	0.1821+0.3640i	0.5011+2.1322i
32.4	0.1453−0.1387i	−0.9229+2.0848i	−14.3527−8.7919i	0.1482−0.5020i	0.8184−0.1379i	0.5983−2.7961i	0.2218+0.3212i	0.6712+1.9053i
32.5	0.1507−0.1339i	−0.7732+2.0884i	−14.7010−8.7700i	0.1313−0.4396i	0.7820−0.2407i	0.4150−2.8501i	0.2465+0.2590i	0.7641+1.6142i
32.6	0.1513−0.1230i	−0.6387+2.0976i	−14.9926−8.7108i	0.1209−0.3885i	0.7439−0.3352i	0.1707−2.8750i	0.2638+0.2037i	0.8341+1.3565i
32.7	0.1735−0.1193i	−0.4982+2.0934i	−15.2953−8.7148i	0.1071−0.3658i	0.6911−0.3861i	0.0396−2.8272i	0.2897+0.1636i	0.8995+1.1877i
32.8	0.2039−0.1044i	−0.2982+2.0711i	−15.8578−8.7014i	0.0671−0.3397i	0.6237−0.4343i	−0.0717−2.6569i	0.3291+0.1152i	1.0200+0.9888i
32.9	0.2180−0.0846i	−0.1730+2.0006i	−16.1842−8.4090i	0.0756−0.3080i	0.5400−0.4523i	−0.2259−2.4749i	0.3131+0.0869i	0.9434+0.8465i
33.0	0.2419−0.0702i	−0.1050+1.9363i	−16.2468−8.1407i	0.0914−0.2856i	0.4903−0.4575i	−0.2635−2.3423i	0.2992+0.0662i	0.8760+0.7563i
33.1	0.2862−0.0615i	−0.0063+1.8640i	−16.3294−7.9863i	0.1053−0.2626i	0.4176−0.4553i	−0.2001−2.2033i	0.2881+0.0399i	0.7894+0.6638i
33.2	0.3409−0.0754i	0.0786+1.8009i	−16.4649−7.9194i	0.0874−0.2331i	0.3912−0.4493i	−0.0451−2.1691i	0.3187+0.0053i	0.8600+0.5503i
33.3	0.3999−0.0879i	0.1848+1.7390i	−16.6104−7.8181i	0.0993−0.1904i	0.3492−0.4624i	0.0303−2.1306i	0.3314−0.0377i	0.8680+0.3820i
33.4	0.4379−0.1330i	0.2599+1.6184i	−16.6895−7.5742i	0.1211−0.1690i	0.3088−0.4449i	0.0884−2.1473i	0.3233−0.0799i	0.8141+0.2615i
33.5	0.4500−0.1783i	0.2564+1.5190i	−16.6833−7.4352i	0.1481−0.1553i	0.2892−0.4320i	0.1474−2.1981i	0.2937−0.1183i	0.7021+0.1599i
33.6	0.4544−0.2263i	0.2414+1.4165i	−16.6556−7.3559i	0.1963−0.1290i	0.2733−0.4267i	0.0949−2.2821i	0.2354−0.1663i	0.5184+0.0204i
33.7	0.4681−0.3020i	0.2409+1.3168i	−16.7034−7.2742i	0.2258−0.1442i	0.2569−0.4068i	0.0539−2.4153i	0.1952−0.1874i	0.4221−0.0030i
33.8	0.4723−0.3377i	0.1888+1.2688i	−16.5744−7.3110i	0.2737−0.1305i	0.2593−0.4135i	0.0748−2.5468i	0.1595−0.2021i	0.2891−0.0627i
33.9	0.4684−0.3720i	0.1281+1.2572i	−16.4611−7.2967i	0.3180−0.1424i	0.2560−0.4288i	0.0796−2.6661i	0.1232−0.1928i	0.1497−0.0528i
34.0	0.4522−0.4121i	0.1012+1.2690i	−16.5148−7.5077i	0.3713−0.1618i	0.2452−0.4591i	−0.0687−2.8474i	0.0783−0.1866i	−0.0045−0.0422i
34.1	0.4263−0.4359i	0.0825+1.3087i	−16.5155−7.7073i	0.3675−0.1970i	0.2249−0.4829i	−0.2136−2.9580i	0.0887−0.1440i	0.0046+0.0554i
34.2	0.3956−0.4624i	0.0881+1.3277i	−16.7671−7.8525i	0.3829−0.2377i	0.1872−0.5056i	−0.4137−3.0496i	0.0793−0.1110i	−0.0620+0.1430i
34.3	0.3688−0.4989i	0.1619+1.3546i	−17.1700−7.9030i	0.3813−0.2672i	0.1315−0.5279i	−0.7093−3.1678i	0.0913−0.1135i	−0.0645+0.1537i
34.4	0.3600−0.5236i	0.2374+1.3729i	−17.4919−7.9007i	0.3772−0.2877i	0.0855−0.5336i	−0.9215−3.1736i	0.1186−0.1252i	−0.0342+0.1584i
34.5	0.3267−0.5197i	0.3198+1.3292i	−17.8396−7.6985i	0.3747−0.2959i	0.0196−0.5153i	−1.2472−3.0039i	0.1285−0.1359i	−0.0561+0.1530i
34.6	0.3227−0.5188i	0.3613+1.2845i	−18.0195−7.4861i	0.3936−0.3007i	−0.0218−0.4961i	−1.4266−2.8906i	0.1357−0.1558i	−0.0926+0.1324i
34.7	0.3154−0.5069i	0.3835+1.2265i	−18.0234−7.2132i	0.4090−0.2933i	−0.0569−0.4635i	−1.5764−2.6938i	0.1353−0.1727i	−0.1390+0.1024i
34.8	0.2827−0.5203i	0.4121+1.1621i	−18.1613−6.9154i	0.3965−0.3027i	−0.0871−0.4233i	−1.8304−2.4980i	0.1181−0.1913i	−0.1554+0.1021i
34.9	0.2809−0.5393i	0.4135+1.1210i	−18.1788−6.7680i	0.4158−0.3276i	−0.1031−0.3995i	−1.9496−2.3699i	0.1043−0.2136i	−0.2067+0.1116i
35.0	0.2785−0.5438i	0.4134+1.0724i	−18.2012−6.5755i	0.4473−0.3383i	−0.1173−0.3733i	−2.0656−2.2160i	0.0876−0.2273i	−0.2815+0.1068i
35.1	0.2674−0.5293i	0.4069+1.0225i	−18.1607−6.2925i	0.4695−0.3416i	−0.1278−0.3449i	−2.1700−1.9889i	0.0720−0.2258i	−0.3347+0.1238i
35.2	0.2790−0.5275i	0.3944+0.9813i	−17.9620−6.1626i	0.5184−0.3794i	−0.1352−0.3141i	−2.2321−1.6911i	0.0554−0.2262i	−0.4218+0.1787i
35.3	0.2904−0.5421i	0.3801+0.9595i	−17.8245−6.2226i	0.5679−0.4232i	−0.1355−0.3000i	−2.3478−1.4984i	0.0358−0.2355i	−0.5126+0.2171i
35.4	0.2814−0.5522i	0.3400+0.9372i	−17.6303−6.2244i	0.5973−0.4874i	−0.1326−0.2808i	−2.3972−1.1936i	0.0100−0.2254i	−0.5952+0.3059i
35.5	0.2803−0.5520i	0.3042+0.9337i	−17.4802−6.2044i	0.6098−0.5419i	−0.1290−0.2715i	−2.3671−0.9728i	−0.0068−0.2052i	−0.6388+0.4017i
35.6	0.2978−0.5625i	0.2866+0.9289i	−17.2671−6.4008i	0.6355−0.6545i	−0.1234−0.2540i	−2.3103−0.6080i	−0.0124−0.1834i	−0.6758+0.5649i
35.7	0.3117−0.5875i	0.2781+0.9610i	−17.2535−6.6609i	0.6148−0.7808i	−0.1177−0.2583i	−2.1125−0.2520i	−0.0050−0.1528i	−0.6453+0.7556i
35.8	0.3157−0.5958i	0.2848+1.0062i	−17.4972−6.8372i	0.5691−0.8723i	−0.1271−0.2732i	−1.9338−0.0018i	0.0117−0.1097i	−0.5812+0.9235i
35.9	0.3437−0.6299i	0.3241+1.0541i	−17.5999−7.1371i	0.4852−0.9786i	−0.1486−0.2850i	−1.5367+0.2065i	0.0732−0.0898i	−0.4068+1.0722i
36.0	0.3754−0.6727i	0.3925+1.0724i	−17.8561−7.1909i	0.3838−1.0360i	−0.1848−0.2853i	−1.1272+0.2362i	0.1613−0.1016i	−0.1801+1.1353i
36.1	0.3817−0.7125i	0.4577+1.0771i	−18.1173−7.2545i	0.3035−1.0678i	−0.2185−0.2843i	−0.9217+0.1644i	0.2109−0.1372i	−0.0268+1.1285i
36.2	0.3878−0.7866i	0.5238+1.0398i	−18.3648−7.1934i	0.2156−1.0874i	−0.2540−0.2635i	−0.6555+0.0125i	0.2516−0.2212i	0.1224+1.0378i
36.3	0.3649−0.8546i	0.5703+0.9844i	−18.6053−7.0323i	0.1229−1.0879i	−0.2813−0.2294i	−0.4630−0.1123i	0.2547−0.3042i	0.2367+0.9374i
36.4	0.3307−0.9053i	0.6260+0.9323i	−18.9217−6.9667i	0.0603−1.0597i	−0.3048−0.1887i	−0.4539−0.2351i	0.2355−0.3798i	0.2843+0.8121i
36.5	0.3064−0.9492i	0.6486+0.8661i	−18.9233−6.7382i	0.0009−1.0277i	−0.3279−0.1477i	−0.3815−0.3411i	0.2257−0.4321i	0.3405+0.7128i
36.6	0.2701−1.0049i	0.6417+0.8148i	−18.8740−6.6799i	−0.0236−1.0277i	−0.3304−0.1137i	−0.3546−0.4191i	0.1737−0.4863i	0.2948+0.6451i
36.7	0.2581−1.0250i	0.6484+0.7778i	−18.8797−6.5874i	−0.0272−1.0247i	−0.3354−0.0880i	−0.3809−0.4384i	0.1576−0.5025i	0.2774+0.6321i
36.8	0.2301−1.0584i	0.6515+0.7401i	−18.9105−6.4507i	−0.0577−1.0113i	−0.3399−0.0554i	−0.4088−0.5522i	0.1321−0.5288i	0.2801+0.5927i
36.9	0.1784−1.0799i	0.6369+0.6824i	−18.8524−6.3745i	−0.0913−0.9884i	−0.3315−0.0207i	−0.4452−0.6516i	0.0783−0.5508i	0.2465+0.5375i
37.0	0.1579−1.0988i	0.6439+0.6570i	−18.9289−6.3811i	−0.1035−0.9894i	−0.3346+0.0030i	−0.4777−0.6169i	0.0582−0.5601i	0.2393+0.5387i
37.1	0.1540−1.1771i	0.6493+0.6314i	−18.9867−6.4589i	−0.0933−1.0274i	−0.3393+0.0444i	−0.5119−0.6688i	0.0426−0.6124i	0.2192+0.5155i

37.2	0.1058-1.2365i	0.6616+0.5817i	-18.9957-6.4978i	-0.1360-1.0627i	-0.3395+0.0905i	-0.5048-0.6607i	0.0116-0.6481i	0.2313+0.5068i
37.3	0.0658-1.3074i	0.6533+0.5289i	-19.0181-6.5302i	-0.1669-1.1178i	-0.3271+0.1324i	-0.5015-0.6146i	-0.0194-0.6833i	0.2286+0.5217i
37.4	0.0151-1.3653i	0.6195+0.4838i	-19.1521-6.6680i	-0.1855-1.1627i	-0.2985+0.1659i	-0.5360-0.5599i	-0.0626-0.7000i	0.1983+0.5510i
37.5	-0.0429-1.4330i	0.5991+0.4486i	-19.2848-6.7371i	-0.2083-1.2022i	-0.2703+0.2019i	-0.5754-0.5709i	-0.1002-0.7361i	0.1732+0.5407i
37.6	-0.1406-1.5076i	0.5710+0.4031i	-19.3715-6.7325i	-0.2940-1.2358i	-0.2391+0.2606i	-0.5351-0.5732i	-0.1508-0.7661i	0.2022+0.5356i
37.7	-0.2101-1.5594i	0.5394+0.3798i	-19.3834-6.7026i	-0.3559-1.2838i	-0.2092+0.2844i	-0.4696-0.5114i	-0.1766-0.7861i	0.2401+0.5642i
37.8	-0.3393-1.6456i	0.5112+0.3448i	-19.5020-6.7597i	-0.4578-1.3490i	-0.1502+0.3209i	-0.4293-0.4867i	-0.2267-0.8266i	0.2890+0.5801i
37.9	-0.5043-1.6733i	0.4948+0.3335i	-19.6402-6.7319i	-0.5877-1.3434i	-0.0947+0.3321i	-0.4118-0.6135i	-0.3054-0.8308i	0.3294+0.5691i
38.0	-0.6845-1.6420i	0.4720+0.3293i	-19.8250-6.8049i	-0.7147-1.3067i	-0.0380+0.3140i	-0.4531-0.7012i	-0.3708-0.8191i	0.3772+0.5437i
38.1	-0.8760-1.6085i	0.4754+0.3153i	-20.1959-6.8328i	-0.8769-1.2865i	-0.0131+0.2921i	-0.5353-0.7089i	-0.4406-0.8230i	0.4677+0.5211i
38.2	-1.0087-1.5045i	0.4448+0.2957i	-20.4515-6.7522i	-0.9602-1.2122i	0.0184+0.2644i	-0.6825-0.7006i	-0.4912-0.8062i	0.4886+0.4701i
38.3	-1.0877-1.3951i	0.3974+0.2737i	-20.4953-6.6140i	-1.0078-1.1328i	0.0426+0.2566i	-0.7547-0.5903i	-0.5079-0.8030i	0.5171+0.3948i
38.4	-1.1679-1.3284i	0.3795+0.2867i	-20.6470-6.5149i	-1.0785-1.1045i	0.0420+0.2219i	-0.8186-0.5106i	-0.5474-0.7945i	0.5466+0.3864i
38.5	-1.2844-1.2509i	0.3644+0.3012i	-20.9048-6.4282i	-1.2071-1.0668i	0.0369+0.1949i	-0.8419-0.3696i	-0.6196-0.8033i	0.5924+0.3514i
38.6	-1.3308-1.1448i	0.3472+0.2846i	-20.9639-6.3456i	-1.2434-0.9878i	0.0519+0.1989i	-0.8743-0.1817i	-0.6509-0.8022i	0.5963+0.2773i
38.7	-1.3491-1.0186i	0.3304+0.2861i	-21.0358-6.3194i	-1.2590-0.8913i	0.0596+0.1984i	-0.8423+0.0260i	-0.6892-0.7973i	0.5794+0.1872i
38.8	-1.4187-0.8919i	0.3280+0.2729i	-21.2352-6.3842i	-1.3379-0.8199i	0.0604+0.1940i	-0.8037+0.3154i	-0.7664-0.7940i	0.5826+0.1311i
38.9	-1.4656-0.8000i	0.3133+0.2786i	-21.3910-6.2105i	-1.4163-0.7548i	0.0574+0.1808i	-0.6511+0.4243i	-0.8620-0.7873i	0.5618+0.0757i
39.0	-1.4756-0.6937i	0.3033+0.2806i	-21.5226-6.1842i	-1.4584-0.6674i	0.0589+0.1929i	-0.4701+0.5797i	-0.9265-0.7775i	0.5433+0.0017i
39.1	-1.4474-0.6040i	0.2851+0.2844i	-21.6568-6.2251i	-1.4671-0.5892i	0.0642+0.1942i	-0.2556+0.6372i	-0.9780-0.7446i	0.4979-0.0377i
39.2	-1.4392-0.5288i	0.2725+0.3097i	-21.8820-6.0488i	-1.5150-0.5232i	0.0603+0.1873i	0.0563+0.6779i	-1.0671-0.7109i	0.4589-0.0654i
39.3	-1.4104-0.4496i	0.2694+0.3109i	-22.0910-5.8503i	-1.5384-0.4399i	0.0638+0.1895i	0.3376+0.6659i	-1.1322-0.6594i	0.4255-0.0965i
39.4	-1.3931-0.3835i	0.2749+0.3151i	-22.3449-5.6461i	-1.5704-0.3539i	0.0714+0.1886i	0.6159+0.5814i	-1.2169-0.5875i	0.3791-0.1084i
39.5	-1.3738-0.3330i	0.2693+0.3116i	-22.5500-5.4847i	-1.5788-0.2694i	0.0877+0.1917i	0.8129+0.4268i	-1.2887-0.5300i	0.3191-0.1335i
39.6	-1.3623-0.2785i	0.2704+0.2985i	-22.6850-5.2015i	-1.5959-0.1807i	0.1001+0.1948i	1.0178+0.2678i	-1.3481-0.4451i	0.2855-0.1321i
39.7	-1.3435-0.2359i	0.2664+0.3180i	-22.5824-4.9732i	-1.5609-0.1018i	0.1118+0.1933i	0.9546+0.1351i	-1.3457-0.3514i	0.2637-0.1219i
39.8	-1.3238-0.1533i	0.2806+0.3260i	-22.4758-4.8661i	-1.5113+0.0067i	0.1179+0.2114i	0.8356+0.0750i	-1.3147-0.2818i	0.2485-0.1655i
39.9	-1.2859-0.0975i	0.2935+0.3164i	-22.6555-4.6459i	-1.5087+0.0784i	0.1181+0.2039i	1.0152-0.0381i	-1.3362-0.1996i	0.2270-0.1559i
40.0	-1.2433-0.0696i	0.2925+0.3033i	-22.6414-4.4464i	-1.4786+0.1155i	0.1370+0.2007i	1.0918-0.1061i	-1.3576-0.1473i	0.1746-0.1440i
40.1	-1.2080-0.0573i	0.2878+0.2881i	-22.5274-4.1845i	-1.4252+0.1592i	0.1565+0.2054i	1.0574-0.2254i	-1.3465-0.0973i	0.1331-0.1442i
40.2	-1.2052-0.0303i	0.2904+0.2807i	-22.5905-3.9713i	-1.4352+0.2320i	0.1533+0.2025i	1.1242-0.4553i	-1.3533-0.0201i	0.1353-0.1447i
40.3	-1.2132-0.0036i	0.3013+0.2770i	-22.6204-3.8539i	-1.4566+0.2987i	0.1557+0.1943i	1.1950-0.6738i	-1.3799+0.0511i	0.1253-0.1389i
40.4	-1.1981+0.0295i	0.3002+0.2539i	-22.5392-3.6128i	-1.4292+0.3433i	0.1574+0.2007i	1.1695-0.7159i	-1.3587+0.0946i	0.1200-0.1344i
40.5	-1.1753+0.0621i	0.3083+0.2480i	-22.3956-3.6244i	-1.3743+0.3671i	0.1627+0.2221i	1.0391-0.6290i	-1.3296+0.1144i	0.0909-0.1251i
40.6	-1.1484+0.0685i	0.3308+0.2425i	-22.4709-3.6478i	-1.3571+0.3802i	0.2098+0.2230i	1.1579-0.6960i	-1.3461+0.1544i	0.0884-0.0942i
40.7	-1.1745+0.1160i	0.3484+0.1879i	-22.3705-3.3903i	-1.3787+0.4727i	0.2100+0.2039i	1.0619-0.8973i	-1.3397+0.2508i	0.1256-0.1176i
40.8	-1.1859+0.1562i	0.3481+0.1604i	-22.2826-3.2718i	-1.3890+0.5337i	0.2079+0.1972i	1.0378-0.9719i	-1.3318+0.3184i	0.1493-0.1199i
40.9	-1.1865+0.2094i	0.3353+0.1047i	-22.3624-3.2148i	-1.3871+0.5889i	0.2256+0.1876i	1.0750-0.9376i	-1.3456+0.3614i	0.1367-0.1510i
41.0	-1.1724+0.2897i	0.3155+0.0459i	-22.2986-3.0018i	-1.3498+0.6996i	0.2283+0.1969i	0.9766-1.0112i	-1.3216+0.4428i	0.1151-0.1946i
41.1	-1.1194+0.3783i	0.2643-0.0131i	-22.1716-2.9635i	-1.2822+0.7824i	0.2651+0.2104i	1.0026-0.8764i	-1.2770+0.4992i	0.0948-0.2303i
41.2	-1.0299+0.3963i	0.1806-0.0407i	-22.0152-3.0124i	-1.1984+0.7848i	0.3027+0.1829i	1.2314-0.6997i	-1.2509+0.4695i	0.0284-0.2893i
41.3	-0.9451+0.3989i	0.1157-0.0096i	-22.1020-2.8980i	-1.1153+0.8386i	0.2714+0.1513i	1.3564-1.0128i	-1.2126+0.5375i	-0.0576-0.2896i
41.4	-0.9231+0.3790i	0.1230-0.0144i	-21.9404-2.8913i	-1.0447+0.8336i	0.2258+0.2033i	1.1230-1.1061i	-1.1288+0.5298i	-0.0772-0.2616i
41.5	-0.9319+0.4388i	0.0389-0.0588i	-21.9187-2.7757i	-1.0546+0.9183i	0.2628+0.2571i	1.2377-1.2304i	-1.1766+0.6341i	-0.1179-0.2001i
41.6	-0.8371+0.4068i	0.0062+0.0393i	-21.8389-2.7945i	-0.9605+0.8872i	0.3211+0.2243i	1.3195-1.4196i	-1.0828+0.7058i	-0.0845-0.0730i
41.7	-0.8676+0.3422i	0.0381-0.0063i	-21.9068-2.9285i	-1.0353+0.8330i	0.3704+0.1988i	1.4055-1.5078i	-1.0956+0.6366i	0.0295-0.1146i
41.8	-0.8762+0.4073i	-0.0711-0.0376i	-21.9049-2.8342i	-1.0131+0.9576i	0.3866+0.1652i	1.3080-1.7416i	-1.0879+0.7112i	-0.0079-0.2139i
41.9	-0.8267+0.4450i	-0.1541+0.0424i	-21.8122-2.7553i	-0.8834+1.0001i	0.3997+0.1221i	1.0341-1.8058i	-1.0030+0.7648i	-0.0875-0.2113i
42.0	-0.7911+0.4173i	-0.1937+0.1373i	-21.7888-2.8090i	-0.8386+0.9750i	0.4106+0.0464i	1.0773-1.9320i	-0.9811+0.7871i	-0.1312-0.1840i
42.1	-0.7824+0.3693i	-0.1623+0.1733i	-21.7228-2.9063i	-0.8530+0.9099i	0.3205+0.0544i	1.1112-1.8833i	-0.9355+0.7079i	-0.1264-0.1896i
42.2	-0.7766+0.3853i	-0.1446+0.2329i	-21.7361-2.9204i	-0.8317+0.9408i	0.3341+0.0889i	1.0774-1.9411i	-0.9383+0.7232i	-0.1541-0.1572i
42.3	-0.8340+0.4066i	-0.0949+0.2343i	-21.7269-3.0762i	-0.8759+0.9838i	0.3447+0.1158i	1.0509-1.9328i	-0.9595+0.6883i	-0.1259-0.2048i
42.4	-0.8642+0.4697i	-0.1078+0.2108i	-21.9750-3.1215i	-0.8779+1.0710i	0.3868+0.0967i	1.0967-2.1821i	-1.0434+0.7571i	-0.2118-0.2068i
42.5	-0.7527+0.5236i	-0.1863+0.2525i	-22.0496-2.9340i	-0.7657+1.1065i	0.4353+0.1110i	1.1629-2.2111i	-1.0340+0.7752i	-0.2886-0.1994i
42.6	-0.6719+0.5247i	-0.1725+0.2825i	-22.0620-2.8895i	-0.6966+1.0718i	0.4881+0.1027i	1.2801-2.0899i	-1.0516+0.7776i	-0.3445-0.1416i
42.7	-0.6719+0.5137i	-0.0888+0.3140i	-21.9923-2.8742i	-0.6525+1.0992i	0.4754+0.0813i	0.8519-2.3887i	-0.9672+0.8708i	-0.2870-0.0658i
42.8	-0.6453+0.5037i	-0.0793+0.2708i	-21.9063-2.9567i	-0.6315+1.0720i	0.5041+0.1008i	0.7957-2.1528i	-0.9292+0.8031i	-0.2255-0.1084i
42.9	-0.6498+0.4904i	-0.1175+0.2798i	-21.9623-2.9434i	-0.6477+1.1248i	0.5015-0.0147i	0.8524-2.4864i	-0.9332+0.8926i	-0.2101-0.1336i
43.0	-0.6214+0.5532i	-0.0910+0.3321i	-22.0600-2.8631i	-0.5412+1.2320i	0.4256-0.0626i	0.5373-2.7240i	-0.8301+1.0234i	-0.2716-0.1231i
43.1	-0.5723+0.5265i	-0.0977+0.3381i	-22.1884-2.8019i	-0.4909+1.2010i	0.5201-0.0580i	0.7720-2.8401i	-0.9062+1.0065i	-0.3755-0.0946i
43.2	-0.5497+0.5363i	-0.0854+0.3192i	-22.0909-2.6471i	-0.4252+1.1926i	0.5486-0.1026i	0.4326-2.8523i	-0.8415+1.0603i	-0.3456-0.0325i
43.3	-0.4947+0.4913i	-0.1200+0.3428i	-22.0886-2.6384i	-0.4039+1.1642i	0.5731-0.2309i	0.6640-2.9951i	-0.8434+1.1013i	-0.3647-0.0391i
43.4	-0.5593+0.3900i	-0.0691+0.3265i	-22.0217-2.7913i	-0.4977+1.0956i	0.4413-0.2069i	0.7379-3.0986i	-0.8960+1.0165i	-0.4223-0.0339i

43.5	−0.6209+0.4122i	−0.1007+0.2879i	−22.2000−2.7289i	−0.5309+1.1516i	0.5363−0.1963i	0.7296−3.2379i	−1.0266+1.0893i	−0.4938+0.0192i
43.6	−0.5840+0.5210i	−0.1811+0.3260i	−22.3424−2.7912i	−0.4028+1.2596i	0.6022−0.2043i	0.5389−3.1432i	−1.0025+1.1919i	−0.5611+0.0377i
43.7	−0.5156+0.5393i	−0.1702+0.3855i	−22.2409−2.6200i	−0.3243+1.2950i	0.6069−0.2621i	0.5954−3.4044i	−0.9211+1.2964i	−0.5322+0.1020i
43.8	−0.5046+0.5602i	−0.1007+0.3191i	−22.0891−2.4663i	−0.2038+1.3447i	0.4932−0.3473i	−0.2609−3.7750i	−0.6992+1.4278i	−0.4592+0.1547i
43.9	−0.4639+0.5909i	−0.1440+0.2982i	−21.9073−2.4610i	−0.0795+1.3095i	0.4072−0.3830i	−0.8273−3.4614i	−0.5258+1.4355i	−0.4437+0.2053i
44.0	−0.4180+0.5751i	−0.2009+0.3236i	−21.9243−2.7070i	−0.0557+1.2616i	0.3825−0.3414i	−0.6932−3.2133i	−0.4881+1.3499i	−0.4298+0.2044i
44.1	−0.4139+0.4938i	−0.1438+0.4293i	−22.2449−3.0072i	−0.0156+1.2106i	0.4150−0.3361i	−0.6975−3.4302i	−0.5266+1.3255i	−0.4751+0.2498i
44.2	−0.4592+0.4737i	−0.0711+0.3156i	−22.2625−3.0598i	0.0006+1.1621i	0.5003−0.2585i	−0.9076−3.1490i	−0.5958+1.2129i	−0.5118+0.2147i
44.3	−0.4008+0.6000i	−0.2736+0.2393i	−22.2777−3.0227i	0.1225+1.1680i	0.4765−0.3366i	−1.3123−2.5262i	−0.4130+1.3398i	−0.4148+0.2969i
44.4	−0.2912+0.5678i	−0.3828+0.3719i	−22.4380−3.1454i	0.1716+1.0336i	0.4762−0.3854i	−0.8217−2.0132i	−0.3547+1.2491i	−0.4059+0.2889i
44.5	−0.2635+0.4748i	−0.3002+0.4600i	−22.4668−3.1544i	0.1315+0.9633i	0.4701−0.3267i	−0.3562−2.1820i	−0.4120+1.1171i	−0.4284+0.2495i
44.6	−0.3050+0.4464i	−0.1755+0.4714i	−22.5172−3.0953i	0.1274+0.9794i	0.4276−0.3687i	−0.7329−2.6858i	−0.3521+1.2391i	−0.3410+0.3593i
44.7	−0.2921+0.4124i	−0.1049+0.5065i	−22.7090−3.1340i	0.1165+0.9020i	0.4000−0.4577i	−0.6631−2.6634i	−0.3117+1.2798i	−0.2795+0.4088i
44.8	−0.3069+0.3803i	−0.0187+0.3990i	−22.7176−3.1023i	0.0704+0.8738i	0.3657−0.3423i	−0.6517−2.5131i	−0.2792+1.0930i	−0.2143+0.2728i
44.9	−0.3631+0.4186i	−0.1557+0.2293i	−22.7308−2.9222i	0.0269+0.9703i	0.4260−0.3598i	−0.7766−2.8227i	−0.3894+1.1625i	−0.2725+0.2376i
45.0	−0.3804+0.4582i	−0.2886+0.2481i	−22.7371−2.9635i	0.0817+1.0245i	0.4674−0.4471i	−1.1378−2.8871i	−0.3805+1.2778i	−0.3066+0.2664i
45.1	−0.3296+0.4786i	−0.3659+0.3973i	−22.7036−3.0919i	0.1818+0.9929i	0.4011−0.4448i	−1.3597−2.4722i	−0.2370+1.2167i	−0.2906+0.2348i
45.2	−0.2703+0.4738i	−0.3165+0.4978i	−22.7313−3.1499i	0.2484+0.9212i	0.3472−0.4354i	−1.3017−2.1607i	−0.1408+1.1366i	−0.2782+0.2272i
45.3	−0.2567+0.4741i	−0.3120+0.5162i	−22.9173−2.9214i	0.2737+0.9023i	0.2891−0.5627i	−1.4680−2.4552i	−0.0854+1.2764i	−0.2867+0.3244i
45.4	−0.2340+0.4522i	−0.3634+0.4970i	−22.9919−3.0465i	0.2409+0.8098i	0.2858−0.5757i	−1.2398−2.1049i	−0.1251+1.2217i	−0.3006+0.3461i
45.5	−0.2282+0.3792i	−0.3512+0.5295i	−23.0876−3.1065i	0.1502+0.7891i	0.2849−0.5198i	−0.7599−2.2314i	−0.2121+1.1613i	−0.3112+0.3328i
45.6	−0.3154+0.3700i	−0.3923+0.3982i	−23.2262−3.0748i	0.0833+0.8666i	0.3647−0.5139i	−0.7326−2.6238i	−0.3384+1.2488i	−0.3336+0.3328i
45.7	−0.3111+0.4200i	−0.4843+0.4763i	−23.1508−3.0294i	0.1631+0.8947i	0.2877−0.5604i	−1.2357−2.5960i	−0.1637+1.3048i	−0.2758+0.3575i
45.8	−0.2846+0.4202i	−0.5084+0.5749i	−23.1082−3.0087i	0.2059+0.8605i	0.2402−0.5379i	−1.4122−2.2874i	−0.0838+1.2129i	−0.2512+0.3286i
45.9	−0.2756+0.4341i	−0.5527+0.6996i	−23.2133−3.1119i	0.2594+0.8624i	0.2304−0.5563i	−1.5563−2.1788i	−0.0532+1.2490i	−0.2767+0.3659i
46.0	−0.2705+0.4310i	−0.5646+0.8192i	−23.2343−3.2458i	0.2757+0.8310i	0.2451−0.5665i	−1.5013−2.0026i	−0.0386+1.2428i	−0.2592+0.3884i
46.1	−0.2559+0.4211i	−0.4564+0.8544i	−23.3319−3.1712i	0.2848+0.7872i	0.1853−0.5485i	−1.4968−1.8686i	0.0267+1.1565i	−0.2112+0.3386i
46.2	−0.2521+0.4055i	−0.4447+0.8127i	−23.4218−3.1281i	0.2654+0.7446i	0.1598−0.5002i	−1.4186−1.7539i	0.0049+1.0689i	−0.2472+0.2970i
46.3	−0.2343+0.4129i	−0.3840+0.9376i	−23.4465−3.1600i	0.2654+0.7399i	0.1252−0.5042i	−1.3478−1.6774i	0.0281+1.0774i	−0.2360+0.3391i
46.4	−0.2343+0.4095i	−0.2989+1.0710i	−23.4589−3.2536i	0.2503+0.7469i	0.1157−0.5531i	−1.1651−1.7714i	0.0177+1.1411i	−0.2253+0.3806i
46.5	−0.2544+0.3912i	−0.2205+1.0700i	−23.6542−3.3676i	0.2263+0.7608i	0.1248−0.5788i	−1.0140−2.0048i	−0.0208+1.1991i	−0.2387+0.4023i
46.6	−0.2704+0.4189i	−0.1939+1.0230i	−23.7601−3.1743i	0.2501+0.7717i	0.1147−0.5655i	−1.1884−2.0457i	0.0179+1.2187i	−0.2282+0.4191i
46.7	−0.2559+0.4474i	−0.1881+1.0708i	−23.7172−3.1094i	0.2761+0.7625i	0.0880−0.5619i	−1.3408−1.9090i	0.0862+1.1995i	−0.1902+0.4313i
46.8	−0.2145+0.4485i	−0.1560+1.1300i	−23.7275−3.2409i	0.2919+0.7512i	0.0724−0.5562i	−1.2186−1.8614i	0.1321+1.1840i	−0.1520+0.4283i
46.9	−0.1920+0.4393i	−0.0487+1.1642i	−23.9411−3.2533i	0.3301+0.7536i	−0.0053−0.5982i	−1.3959−2.0403i	0.2476+1.2112i	−0.1010+0.4393i
47.0	−0.1873+0.4408i	0.0059+1.2031i	−24.0209−3.1797i	0.3464+0.7301i	−0.0349−0.6061i	−1.5162−1.9171i	0.2770+1.1865i	−0.1037+0.4415i
47.1	−0.1894+0.4414i	0.0907+1.2230i	−24.0631−3.2423i	0.3331+0.7208i	−0.0323−0.5951i	−1.4563−1.9328i	0.2553+1.1775i	−0.1091+0.4500i
47.2	−0.1689+0.4189i	0.1587+1.1739i	−24.0260−3.2855i	0.3331+0.6976i	−0.0592−0.5195i	−1.4527−1.8839i	0.2947+1.0980i	−0.0548+0.4148i
47.3	−0.1681+0.3974i	0.1904+1.1790i	−24.0997−3.4477i	0.3358+0.6807i	−0.0784−0.5094i	−1.4286−1.7351i	0.3176+1.0711i	−0.0307+0.3943i
47.4	−0.1808+0.3872i	0.2451+1.1272i	−24.1208−3.4759i	0.3411+0.6543i	−0.1055−0.4631i	−1.5930−1.5828i	0.3372+0.9941i	−0.0218+0.3532i
47.5	−0.1844+0.4059i	0.2926+1.1518i	−24.1789−3.5982i	0.3374+0.6504i	−0.1161−0.4865i	−1.5734−1.5978i	0.3395+1.0108i	−0.0192+0.3651i
47.6	−0.1848+0.3954i	0.3325+1.0696i	−24.4673−3.4589i	0.3415+0.6260i	−0.1216−0.4800i	−1.5920−1.6513i	0.3591+0.9682i	−0.0204+0.3388i
47.7	−0.1759+0.3921i	0.3407+1.0468i	−24.5060−3.4740i	0.3197+0.6202i	−0.1118−0.4639i	−1.5069−1.5618i	0.3348+0.9365i	−0.0257+0.3294i
47.8	−0.1894+0.3812i	0.3593+1.0480i	−24.5202−3.5285i	0.3017+0.6447i	−0.1218−0.4622i	−1.5414−1.7296i	0.3252+0.9512i	−0.0177+0.3220i
47.9	−0.2135+0.3962i	0.3868+1.0445i	−24.6203−3.6026i	0.3146+0.6420i	−0.1285−0.4573i	−1.7197−1.6701i	0.3318+0.9480i	−0.0260+0.3199i
48.0	−0.2164+0.4085i	0.4372+1.0161i	−24.7093−3.6600i	0.3273+0.6167i	−0.1359−0.4401i	−1.7470−1.4831i	0.3416+0.9085i	−0.0323+0.3107i
48.1	−0.2200+0.4358i	0.4790+0.9854i	−24.7461−3.8450i	0.3098+0.5930i	−0.1343−0.4457i	−1.6413−1.2244i	0.3128+0.8901i	−0.0379+0.3181i
48.2	−0.1599+0.4585i	0.5236+0.9605i	−24.9878−3.9649i	0.3094+0.6088i	−0.1431−0.4488i	−1.3439−1.2845i	0.3251+0.9050i	−0.0106+0.3128i
48.3	−0.1169+0.4507i	0.5447+0.9273i	−25.0782−3.9208i	0.3255+0.6209i	−0.1617−0.4460i	−1.2647−1.4225i	0.3566+0.9120i	−0.0060+0.2985i
48.4	−0.0882+0.4377i	0.5425+0.8809i	−25.3246−3.9131i	0.3405+0.6207i	−0.1855−0.4399i	−1.2951−1.4829i	0.3868+0.9115i	−0.0091+0.2982i
48.5	−0.1109+0.4109i	0.5452+0.8456i	−25.4972−3.9351i	0.3352+0.6196i	−0.1931−0.4235i	−1.4321−1.5863i	0.3838+0.8959i	−0.0136+0.2815i
48.6	−0.1165+0.4307i	0.5798+0.8077i	−25.5434−3.9448i	0.3433+0.6241i	−0.1909−0.4214i	−1.4450−1.5689i	0.3865+0.8933i	−0.0212+0.2746i
48.7	−0.0871+0.4008i	0.5701+0.7853i	−25.6705−3.8905i	0.3631+0.6030i	−0.2143−0.3883i	−1.5319−1.6047i	0.4111+0.8357i	−0.0173+0.2540i
48.8	−0.0856+0.3432i	0.5451+0.7814i	−25.8184−3.9538i	0.3569+0.5763i	−0.2200−0.3144i	−1.7175−1.5983i	0.3894+0.7585i	−0.0328+0.2255i
48.9	−0.1088+0.3470i	0.5964+0.7567i	−25.9461−3.9484i	0.3478+0.5735i	−0.1887−0.3403i	−1.7746−1.3667i	0.3602+0.8095i	−0.0462+0.2587i
49.0	−0.1197+0.3785i	0.6172+0.7211i	−26.1185−4.1567i	0.3484+0.5873i	−0.1912−0.3610i	−1.6529−1.2420i	0.3993+0.8356i	−0.0213+0.2578i
49.1	−0.1263+0.3859i	0.6021+0.7098i	−26.2443−4.1163i	0.3468+0.5771i	−0.2236−0.3682i	−1.6063−1.2179i	0.4086+0.8145i	−0.0224+0.2525i
49.2	−0.0977+0.4009i	0.5917+0.6972i	−26.4346−3.9272i	0.3747+0.5807i	−0.2169−0.4064i	−1.5332−1.3405i	0.4407+0.8345i	−0.0294+0.2595i
49.3	−0.0987+0.4130i	0.5680+0.6886i	−26.4154−4.0069i	0.3648+0.5963i	−0.2111−0.3950i	−1.4995−1.3857i	0.4272+0.8325i	−0.0450+0.2501i
49.4	−0.0906+0.4080i	0.5891+0.7081i	−26.4582−4.0275i	0.3675+0.5885i	−0.2629−0.3423i	−1.4791−1.3597i	0.4336+0.7934i	−0.0458+0.2585i
49.5	−0.0807+0.4061i	0.6295+0.7061i	−26.6525−3.9552i	0.3775+0.5766i	−0.2529−0.3328i	−1.4577−1.2441i	0.4353+0.7978i	−0.0410+0.2669i
49.6	−0.0586+0.4237i	0.6556+0.6650i	−26.8814−4.0460i	0.3637+0.5780i	−0.2393−0.3398i	−1.2166−1.2190i	0.4318+0.7989i	−0.0515+0.2594i
49.7	−0.0480+0.4005i	0.6286+0.6653i	−27.0190−4.0593i	0.3410+0.6101i	−0.2486−0.3056i	−1.0492−1.5611i	0.4119+0.8018i	−0.0455+0.2609i

49.8	−0.0430+0.3400i	0.6637+0.6542i	−27.2058−3.9228i	0.3822+0.6155i	−0.2487−0.3049i	−1.3756−1.9030i	0.4508+0.8032i	−0.0270+0.2503i
49.9	−0.0603+0.3172i	0.6843+0.6177i	−27.2851−3.9146i	0.4186+0.5890i	−0.2318−0.3024i	−1.6936−1.6728i	0.4526+0.7844i	−0.0496+0.2402i
50.0	−0.0768+0.3268i	0.6887+0.5516i	−27.4614−3.9377i	0.4213+0.5644i	−0.2354−0.2950i	−1.6292−1.5555i	0.4838+0.7455i	−0.0449+0.2334i
50.1	−0.0958+0.3164i	0.6884+0.5310i	−27.4142−3.8209i	0.4061+0.5488i	−0.2449−0.2993i	−1.7799−1.5887i	0.4704+0.7115i	−0.0489+0.2165i
50.2	−0.1146+0.3181i	0.6977+0.5086i	−27.4115−3.9539i	0.4057+0.5501i	−0.2443−0.3074i	−1.8722−1.5831i	0.4599+0.7124i	−0.0708+0.2075i
50.3	−0.0990+0.3447i	0.6844+0.4561i	−27.6081−4.0928i	0.4071+0.5532i	−0.1975−0.2812i	−1.7307−1.4336i	0.4354+0.7213i	−0.0872+0.2283i
50.4	−0.0942+0.3379i	0.6772+0.4737i	−27.7542−4.0857i	0.4048+0.5638i	−0.2108−0.2679i	−1.6933−1.4780i	0.4444+0.7247i	−0.0751+0.2358i
50.5	−0.1206+0.3408i	0.6542+0.4368i	−27.9536−4.0443i	0.4123+0.5589i	−0.2502−0.2365i	−1.8613−1.5182i	0.4525+0.6969i	−0.0864+0.2353i
50.6	−0.1142+0.3706i	0.6110+0.4034i	−27.9050−4.2064i	0.4177+0.5635i	−0.2376−0.2494i	−1.8308−1.3501i	0.4521+0.7145i	−0.1003+0.2422i
50.7	−0.1136+0.3913i	0.6194+0.4016i	−28.1391−4.3680i	0.4363+0.5473i	−0.2476−0.2602i	−1.8355−1.1549i	0.4605+0.7057i	−0.1133+0.2619i
50.8	−0.0940+0.4110i	0.6279+0.4045i	−28.4971−4.4490i	0.4280+0.5357i	−0.2464−0.2386i	−1.7028−1.0194i	0.4622+0.6953i	−0.0912+0.2825i
50.9	−0.0807+0.3916i	0.6373+0.3824i	−28.6911−4.5240i	0.4194+0.5552i	−0.2349−0.2294i	−1.5641−1.1911i	0.4437+0.6971i	−0.0879+0.2588i
51.0	−0.0967+0.4208i	0.6862+0.3597i	−28.9174−4.5953i	0.4442+0.5731i	−0.2294−0.2577i	−1.6227−1.2483i	0.4546+0.7136i	−0.1014+0.2663i
51.1	−0.0461+0.4434i	0.6683+0.3372i	−29.1282−4.5961i	0.4774+0.5714i	−0.2369−0.2785i	−1.6948−1.3159i	0.4871+0.7185i	−0.0982+0.2704i
51.2	−0.0444+0.3716i	0.6384+0.3274i	−29.2162−4.6409i	0.4758+0.5398i	−0.2639−0.2482i	−1.8710−1.2747i	0.4824+0.6922i	−0.1167+0.2780i
51.3	−0.1036+0.3953i	0.6778+0.3048i	−29.6984−4.7533i	0.4623+0.5325i	−0.2471−0.2252i	−1.7662−1.1022i	0.4867+0.6954i	−0.0910+0.3007i
51.4	−0.0660+0.4393i	0.6786+0.2201i	−29.9938−4.4920i	0.4687+0.5355i	−0.2763−0.2375i	−1.5844−1.2325i	0.5189+0.6783i	−0.0810+0.2760i
51.5	0.0058+0.4598i	0.6403+0.1541i	−29.9902−4.4497i	0.5041+0.5439i	−0.2632−0.2541i	−1.6439−1.4267i	0.5346+0.6835i	−0.0943+0.2552i
51.6	0.0441+0.4390i	0.5633+0.1343i	−30.0159−4.5523i	0.5248+0.5414i	−0.2541−0.2514i	−1.7843−1.4900i	0.5447+0.6866i	−0.1101+0.2612i
51.7	0.0344+0.3942i	0.4852+0.1670i	−30.1258−4.5782i	0.5297+0.5209i	−0.2544−0.2379i	−1.9592−1.3369i	0.5531+0.6755i	−0.1294+0.2895i
51.8	0.0341+0.3718i	0.4573+0.1863i	−30.4071−4.5628i	0.5315+0.4867i	−0.2595−0.2227i	−2.0103−1.1512i	0.5432+0.6577i	−0.1359+0.3230i
51.9	0.0286+0.3687i	0.4419+0.2046i	−30.6075−4.6492i	0.5191+0.4675i	−0.2446−0.1934i	−1.9193−1.0976i	0.5251+0.6589i	−0.1243+0.3751i
52.0	0.0322+0.3701i	0.4565+0.1998i	−30.8628−4.4575i	0.5070+0.4661i	−0.2137−0.2199i	−1.8366−1.1364i	0.5555+0.6708i	−0.0478+0.3870i
52.1	0.0229+0.3497i	0.4147+0.1625i	−31.0862−4.3879i	0.4876+0.4621i	−0.2201−0.2699i	−1.9445−1.0636i	0.5670+0.6399i	−0.0165+0.3058i
52.2	0.0556+0.3266i	0.3567+0.1987i	−31.2910−4.5403i	0.5057+0.4722i	−0.2094−0.2854i	−1.9020−1.1268i	0.5726+0.6290i	−0.0332+0.2609i
52.3	0.0217+0.2965i	0.3499+0.2703i	−31.4568−4.7605i	0.5155+0.4725i	−0.2682−0.3021i	−1.9562−1.1804i	0.5787+0.6207i	−0.0853+0.2665i
52.4	−0.0173+0.3331i	0.3765+0.2840i	−31.8673−4.7253i	0.5202+0.4586i	−0.3150−0.2944i	−1.9691−1.1383i	0.5952+0.6019i	−0.0945+0.2986i
52.5	−0.0181+0.3306i	0.3678+0.2710i	−32.0131−4.5252i	0.5113+0.4507i	−0.3461−0.2685i	−1.9468−1.1693i	0.5884+0.5681i	−0.1201+0.2808i
52.6	−0.0274+0.3084i	0.3846+0.2861i	−32.2172−4.5400i	0.5194+0.4376i	−0.3784−0.2833i	−2.0293−1.1209i	0.5830+0.5670i	−0.1546+0.3165i
52.7	−0.0274+0.3601i	0.3915+0.2717i	−32.6392−4.4220i	0.5226+0.4402i	−0.3682−0.2584i	−1.9688−0.9376i	0.5771+0.5754i	−0.1407+0.3462i
52.8	0.0095+0.3653i	0.3874+0.2578i	−33.0117−4.3424i	0.5342+0.4284i	−0.4064−0.2360i	−1.8913−0.9141i	0.5869+0.5629i	−0.1366+0.3650i
52.9	0.0680+0.3796i	0.3878+0.2822i	−33.4366−4.5089i	0.5559+0.4456i	−0.4304−0.2161i	−1.8367−0.9980i	0.5893+0.5720i	−0.1374+0.4063i
53.0	0.1345+0.3737i	0.4130+0.2833i	−33.5257−4.3021i	0.5785+0.4353i	−0.3977−0.1714i	−1.8033−1.1222i	0.6045+0.5824i	−0.1028+0.4371i
53.1	0.1439+0.2838i	0.4511+0.2224i	−33.5833−4.0179i	0.5705+0.3951i	−0.3632−0.1347i	−1.9268−1.2566i	0.6228+0.5629i	−0.0322+0.4412i
53.2	0.0793+0.2222i	0.3809+0.1760i	−33.6824−3.9786i	0.5492+0.3707i	−0.3944−0.1833i	−2.1841−1.2000i	0.6358+0.5256i	−0.0321+0.3705i
53.3	0.0512+0.2289i	0.3103+0.1367i	−33.7609−4.1817i	0.5629+0.3728i	−0.4090−0.2321i	−2.4204−0.9864i	0.6368+0.5099i	−0.0721+0.3153i
53.4	0.0126+0.2384i	0.2448+0.1718i	−33.9341−4.0858i	0.5421+0.3659i	−0.4415−0.2047i	−2.4153−0.7470i	0.6298+0.4793i	−0.0977+0.3027i
53.5	−0.0125+0.2727i	0.2378+0.2811i	−34.1264−3.8341i	0.5305+0.3556i	−0.5037−0.0814i	−2.2380−0.7009i	0.6069+0.4809i	−0.1826+0.4222i
53.6	0.0003+0.2881i	0.3233+0.3569i	−34.4103−3.8660i	0.5239+0.3333i	−0.4359+0.1046i	−2.1003−0.7966i	0.6122+0.4932i	−0.1072+0.6291i
53.7	−0.0421+0.2804i	0.4126+0.2949i	−34.6562−4.0364i	0.4725+0.3515i	−0.3083+0.0403i	−2.1859−0.8003i	0.6264+0.4635i	0.1266+0.5358i
53.8	−0.0160+0.3326i	0.3762+0.2074i	−34.9390−4.1120i	0.4942+0.3876i	−0.3624−0.1200i	−2.2055−0.6870i	0.6151+0.4476i	0.0580+0.3436i
53.9	0.0003+0.3402i	0.3210+0.1699i	−34.9373−4.2032i	0.4903+0.4303i	−0.3805−0.1548i	−2.2917−0.6446i	0.5965+0.4505i	−0.0187+0.2684i
54.0	−0.0251+0.3743i	0.2710+0.1984i	−35.1140−4.4609i	0.5100+0.4761i	−0.4824−0.0910i	−2.2734−0.5296i	0.5730+0.4553i	−0.1211+0.2980i
54.1	−0.0027+0.3886i	0.2861+0.2412i	−35.4724−4.5988i	0.5768+0.4502i	−0.5581−0.0060i	−2.3269−0.5267i	0.5919+0.4663i	−0.2023+0.4339i
54.2	0.0251+0.3976i	0.2544+0.2359i	−35.9216−4.6020i	0.5890+0.4045i	−0.5763+0.0525i	−2.2547−0.3106i	0.6028+0.4670i	−0.1960+0.5303i
54.3	0.0445+0.3617i	0.2214+0.2274i	−36.3197−4.5478i	0.5990+0.3661i	−0.5961+0.0929i	−2.3052−0.2340i	0.6091+0.4430i	−0.2072+0.5643i
54.4	0.0368+0.3539i	0.1840+0.2322i	−36.6386−4.7095i	0.5956+0.3582i	−0.5398+0.1648i	−2.2550−0.0890i	0.5973+0.4333i	−0.1735+0.6016i
54.5	0.0202+0.4154i	0.1837+0.2965i	−37.2260−4.9275i	0.5877+0.3647i	−0.5049+0.2941i	−1.9907+0.0293i	0.5838+0.4409i	−0.1084+0.7239i
54.6	0.0456+0.4324i	0.1643+0.3246i	−37.7895−4.7657i	0.6041+0.3542i	−0.4351+0.3078i	−1.7964+0.0808i	0.5937+0.4361i	−0.0719+0.7481i
54.7	0.1122+0.4411i	0.1542+0.3377i	−38.2945−4.3837i	0.6152+0.3357i	−0.3665+0.3175i	−1.6014+0.0178i	0.6086+0.4564i	0.0074+0.7693i
54.8	0.1513+0.4095i	0.1639+0.3376i	−38.4970−4.2413i	0.6197+0.3229i	−0.3620+0.2901i	−1.6032−0.1402i	0.6197+0.4477i	0.0326+0.7422i
54.9	0.1209+0.3667i	0.1734+0.3699i	−38.6704−3.9617i	0.5788+0.3048i	−0.3182+0.3626i	−1.6966−0.1707i	0.6212+0.4305i	0.1028+0.8104i
55.0	0.1107+0.3619i	0.1841+0.4171i	−39.0532−3.9964i	0.5800+0.2860i	−0.2818+0.4056i	−1.6986−0.0783i	0.6298+0.4197i	0.1594+0.8655i
55.1	0.1403+0.3456i	0.1721+0.4121i	−39.2843−3.8481i	0.5971+0.2768i	−0.2274+0.3625i	−1.6180−0.0937i	0.6346+0.4093i	0.1981+0.8095i
55.2	0.1629+0.3473i	0.1772+0.4394i	−39.4376−3.6538i	0.5889+0.2783i	−0.1492+0.2990i	−1.4882−0.1420i	0.6433+0.4100i	0.2775+0.7644i
55.3	0.1411+0.3478i	0.2253+0.4558i	−39.9170−3.2627i	0.5545+0.2464i	−0.1127+0.3650i	−1.4267−0.1580i	0.6348+0.3878i	0.3676+0.8255i
55.4	0.1348+0.3335i	0.2407+0.4491i	−40.2511−2.9776i	0.5416+0.2304i	−0.0947+0.3130i	−1.4381−0.2713i	0.6199+0.3649i	0.3777+0.7818i
55.5	0.1490+0.3435i	0.2783+0.4663i	−40.3871−3.0032i	0.5186+0.2265i	−0.0689+0.3139i	−1.3886−0.3391i	0.6322+0.3603i	0.4511+0.7964i
55.6	0.1522+0.3378i	0.2906+0.4540i	−40.5027−3.0914i	0.4986+0.2344i	−0.0256+0.3250i	−1.4483−0.3019i	0.6300+0.3538i	0.5243+0.7710i
55.7	0.1802+0.3504i	0.3096+0.4343i	−40.7900−3.1875i	0.5142+0.2497i	0.0378+0.3111i	−1.4316−0.2511i	0.6316+0.3569i	0.6061+0.7172i
55.8	0.2072+0.3441i	0.3554+0.4459i	−41.1220−3.0770i	0.5024+0.2552i	0.0631+0.2866i	−1.3479−0.3123i	0.6371+0.3533i	0.6910+0.6877i
55.9	0.2200+0.3219i	0.3363+0.4658i	−41.2951−3.0322i	0.5217+0.2677i	0.0090+0.1875i	−1.4225−0.3296i	0.6322+0.3456i	0.6098+0.6019i
56.0	0.2445+0.2900i	0.3507+0.4363i	−41.7909−3.0456i	0.5286+0.2644i	0.0168+0.1348i	−1.4470−0.3719i	0.6384+0.3339i	0.6287+0.5016i

56.1	0.2412+0.2739i	0.3443+0.3713i	-42.2704-2.8652i	0.5117+0.2624i	0.0317+0.1305i	-1.4829-0.4077i	0.6360+0.3276i	0.6368+0.4588i
56.2	0.2500+0.2519i	0.3275+0.3126i	-42.6041-2.8724i	0.5153+0.2624i	0.0840+0.1329i	-1.4585-0.4351i	0.6414+0.3057i	0.6916+0.3882i
56.3	0.2558+0.2293i	0.3032+0.3309i	-42.8938-2.5359i	0.5103+0.2431i	0.0801+0.1322i	-1.3974-0.3866i	0.6308+0.3007i	0.6978+0.3864i
56.4	0.2505+0.2247i	0.2501+0.3541i	-43.0392-2.5556i	0.5009+0.2685i	0.1110+0.0815i	-1.3292-0.3748i	0.6357+0.3047i	0.6875+0.3092i
56.5	0.2513+0.2096i	0.2310+0.3579i	-43.3336-2.4264i	0.5046+0.2766i	0.1059+0.0662i	-1.3935-0.3838i	0.6371+0.2992i	0.6713+0.2710i
56.6	0.2439+0.1758i	0.2337+0.3809i	-43.9498-2.4972i	0.5192+0.2553i	0.0707+0.0457i	-1.3994-0.4000i	0.6394+0.2844i	0.6301+0.2665i
56.7	0.2470+0.1427i	0.2250+0.3903i	-44.3162-2.4811i	0.5215+0.2385i	0.0772+0.0022i	-1.3737-0.4936i	0.6378+0.2663i	0.6127+0.2117i
56.8	0.2517+0.1269i	0.2370+0.3598i	-44.7152-2.4934i	0.5143+0.2358i	0.0658+0.0101i	-1.3529-0.4895i	0.6312+0.2537i	0.6377+0.1833i
56.9	0.2200+0.1157i	0.2556+0.3883i	-45.0683-2.3352i	0.4968+0.2219i	0.0583+0.0277i	-1.3682-0.4395i	0.6255+0.2510i	0.6521+0.2155i
57.0	0.1942+0.0941i	0.2054+0.4093i	-45.4064-2.2208i	0.4885+0.2131i	0.0460+0.0084i	-1.4096-0.4568i	0.6098+0.2394i	0.5963+0.1900i
57.1	0.1939+0.0807i	0.1696+0.3791i	-45.8805-2.1079i	0.4798+0.2202i	0.0835-0.0132i	-1.4083-0.4889i	0.6025+0.2193i	0.6187+0.1078i
57.2	0.1895+0.0590i	0.1670+0.4016i	-46.4911-2.0906i	0.4682+0.2099i	0.0782-0.0258i	-1.4143-0.5160i	0.5938+0.2101i	0.6108+0.0920i
57.3	0.1792+0.0609i	0.1603+0.4290i	-46.6728-2.0294i	0.4660+0.2114i	0.0670-0.0374i	-1.4286-0.5159i	0.5855+0.2106i	0.5839+0.0971i
57.4	0.1577+0.0741i	0.2087+0.4296i	-47.2496-2.0010i	0.4383+0.2140i	0.0654-0.0162i	-1.3284-0.4669i	0.5661+0.1997i	0.6459+0.1188i
57.5	0.1358+0.0747i	0.1747+0.4446i	-47.8811-1.8260i	0.4240+0.2293i	0.0733-0.0580i	-1.3615-0.4985i	0.5484+0.1915i	0.6169+0.0600i
57.6	0.1382+0.0702i	0.1546+0.4149i	-48.6224-1.8849i	0.4177+0.2256i	0.0858-0.0605i	-1.3331-0.5306i	0.5502+0.1875i	0.6445+0.0419i
57.7	0.1463+0.0765i	0.1141+0.4069i	-49.0484-1.4595i	0.4038+0.2421i	0.1075-0.0655i	-1.3035-0.5366i	0.5384+0.1780i	0.6757-0.0032i
57.8	0.1318+0.0712i	0.1444+0.4763i	-49.4791-1.6485i	0.4111+0.2448i	0.0854-0.0949i	-1.2809-0.5198i	0.5269+0.1831i	0.6301-0.0108i
57.9	0.1161+0.0762i	0.1088+0.5249i	-50.0021-1.5010i	0.4206+0.2445i	0.0547-0.1201i	-1.3335-0.4807i	0.5075+0.1938i	0.5482+0.0173i
58.0	0.1212+0.0697i	0.0453+0.4570i	-50.7984-1.3800i	0.3984+0.2497i	0.0849-0.1087i	-1.2622-0.5599i	0.5017+0.1945i	0.6260-0.0237i
58.1	0.1266+0.0585i	-0.0479+0.4738i	-51.2801-1.1880i	0.3921+0.2742i	0.1082-0.1385i	-1.3077-0.6349i	0.4841+0.1962i	0.6027-0.1350i
58.2	0.1242+0.0684i	-0.1054+0.5800i	-51.5318-1.0648i	0.3860+0.3038i	0.1156-0.1715i	-1.3299-0.6496i	0.4637+0.1979i	0.5601-0.2093i
58.3	0.1237+0.0370i	-0.0655+0.6178i	-52.4604-0.8628i	0.3789+0.2892i	0.1338-0.1568i	-1.3229-0.6198i	0.4668+0.2037i	0.5984-0.1907i
58.4	0.1440+0.0201i	-0.0453+0.6264i	-53.3153-0.3961i	0.3644+0.2992i	0.1427-0.1833i	-1.2059-0.6834i	0.4531+0.2171i	0.6547-0.2005i
58.5	0.1359+0.0014i	-0.0464+0.7254i	-53.4942-0.1221i	0.3748+0.3190i	0.1200-0.2502i	-1.1924-0.7380i	0.4468+0.2179i	0.5870-0.2948i
58.6	0.1050-0.0166i	0.0010+0.8159i	-53.8889+0.0626i	0.3627+0.3332i	0.0881-0.2803i	-1.1956-0.7663i	0.4382+0.2277i	0.5522-0.3381i
58.7	0.0753-0.0142i	0.0310+0.8311i	-55.0236+0.2865i	0.3482+0.3432i	0.0663-0.2921i	-1.2107-0.7981i	0.4137+0.2307i	0.5173-0.3488i
58.8	0.0567-0.0488i	0.1203+0.8457i	-55.4266+0.6004i	0.3347+0.3526i	0.0281-0.2773i	-1.1596-0.8894i	0.4103+0.2597i	0.5183-0.3286i
58.9	0.0501-0.0816i	0.1558+0.9108i	-55.9790+0.4992i	0.3365+0.3637i	0.0105-0.3113i	-1.1554-0.9982i	0.3962+0.2778i	0.4746-0.3695i
59.0	0.0534-0.0605i	0.1295+0.8975i	-57.0170+0.9602i	0.3327+0.4072i	0.0205-0.3231i	-1.1939-1.0930i	0.3814+0.3082i	0.4790-0.4274i
59.1	0.0209-0.0657i	0.2247+0.9647i	-57.6667+1.6660i	0.3551+0.4229i	-0.0438-0.3326i	-1.2594-1.1354i	0.3933+0.3455i	0.3966-0.3429i
59.2	0.0213-0.0625i	0.2125+1.0165i	-58.4006+2.2206i	0.3512+0.4546i	-0.0172-0.3471i	-1.1944-1.1720i	0.3986+0.3733i	0.4575-0.3775i
59.3	0.0002-0.0703i	0.1962+1.0510i	-59.1778+2.7361i	0.3784+0.4836i	-0.0286-0.3742i	-1.3364-1.2007i	0.3993+0.4024i	0.4146-0.4221i
59.4	-0.0240-0.0695i	0.2221+1.0672i	-59.9171+3.3866i	0.3986+0.5260i	-0.0426-0.4027i	-1.4810-1.2816i	0.4266+0.4346i	0.4028-0.5257i
59.5	-0.0305-0.0756i	0.3068+1.0713i	-60.5793+3.9187i	0.4383+0.5442i	-0.0855-0.4121i	-1.5752-1.3672i	0.4567+0.4604i	0.3666-0.5604i
59.6	-0.0236-0.0834i	0.3725+1.0764i	-60.5902+4.3851i	0.4836+0.5592i	-0.1211-0.4078i	-1.6349-1.4033i	0.4969+0.4730i	0.3420-0.6267i
59.7	-0.0570-0.1019i	0.4059+1.1349i	-61.2593+4.9062i	0.5205+0.5591i	-0.1620-0.4271i	-1.8214-1.3941i	0.5261+0.4884i	0.2448-0.6658i
59.8	-0.0933-0.1045i	0.5179+1.1496i	-61.9533+5.6296i	0.5426+0.5336i	-0.2303-0.4214i	-1.9353-1.3017i	0.5573+0.4881i	0.1696-0.6089i
59.9	-0.1119-0.1411i	0.6342+1.1119i	-62.9729+6.3330i	0.5666+0.5002i	-0.2989-0.3894i	-1.9713-1.2693i	0.6034+0.4995i	0.1273-0.5642i
60.0	-0.1220-0.1402i	0.6516+1.1077i	-63.4800+6.3685i	0.5714+0.4929i	-0.3054-0.3810i	-1.9465-1.2398i	0.6234+0.5010i	0.0851-0.6628i
60.1	-0.1326-0.1212i	0.6979+1.1326i	-64.0822+6.8921i	0.5937+0.4701i	-0.3298-0.3719i	-1.9264-1.1081i	0.6404+0.4823i	0.0066-0.5795i
60.2	-0.1948-0.1147i	0.7362+1.0670i	-65.0271+7.6451i	0.5900+0.4533i	-0.3447-0.3315i	-2.0272-1.0521i	0.6650+0.4568i	-0.0404-0.5358i
60.3	-0.2305-0.1262i	0.7871+1.0036i	-65.3820+7.4143i	0.5747+0.4310i	-0.3577-0.3008i	-1.9974-1.0650i	0.6983+0.4486i	-0.0119-0.5214i
60.4	-0.2593-0.1447i	0.8081+1.0119i	-66.3092+7.8274i	0.5664+0.4068i	-0.3627-0.2938i	-1.9694-1.0348i	0.7126+0.4391i	-0.0336-0.5022i
60.5	-0.3111-0.1238i	0.8775+0.9804i	-67.0366+8.6998i	0.5557+0.4084i	-0.3845-0.2804i	-1.9513-1.0207i	0.7336+0.4336i	-0.0778-0.4694i
60.6	-0.3266-0.1183i	0.9337+0.9421i	-67.4257+9.6630i	0.5511+0.4074i	-0.4189-0.2543i	-1.9537-1.0205i	0.7410+0.4302i	-0.0982-0.4777i
60.7	-0.3512-0.1024i	0.9395+0.9265i	-68.1758+10.4479i	0.5456+0.4176i	-0.4116-0.2387i	-1.9770-1.0014i	0.7596+0.4266i	-0.0969-0.4969i
60.8	-0.3888-0.0795i	1.0052+0.8601i	-69.7913+11.0066i	0.5354+0.4186i	-0.4400-0.2169i	-2.0288-0.9905i	0.7601+0.4204i	-0.1326-0.4717i
60.9	-0.4079-0.0642i	1.0314+0.7973i	-70.4727+11.8787i	0.5261+0.4203i	-0.4522-0.1871i	-1.9273-0.9814i	0.7781+0.4239i	-0.1686-0.4382i
61.0	-0.4146-0.0526i	0.9765+0.6718i	-71.3279+13.0417i	0.5167+0.4022i	-0.4552-0.1163i	-1.9069-0.9037i	0.7899+0.4166i	-0.1532-0.4019i
61.1	-0.4518-0.0141i	1.0058+0.4798i	-71.6623+13.4317i	0.5299+0.3967i	-0.4910-0.0719i	-1.9862-0.9763i	0.8348+0.3938i	-0.1972-0.2926i
61.2	-0.4922+0.0134i	0.9310+0.4514i	-72.0597+13.9605i	0.5055+0.4143i	-0.4658-0.0528i	-2.0116-1.0705i	0.8476+0.3710i	-0.1807-0.2937i
61.3	-0.5482-0.0377i	0.9328+0.4821i	-73.4931+15.1189i	0.4951+0.3956i	-0.4514-0.0178i	-2.0011-1.0325i	0.8850+0.3859i	-0.2388-0.2498i
61.4	-0.6033-0.0368i	0.9109+0.5368i	-74.3883+16.1592i	0.4664+0.3979i	-0.4363-0.0007i	-2.0202-0.9672i	0.9035+0.3853i	-0.2421-0.2454i
61.5	-0.6541+0.0163i	0.8771+0.5789i	-74.9736+17.9512i	0.4569+0.4301i	-0.4129+0.0009i	-2.0373-0.9750i	0.9223+0.3642i	-0.2552-0.2331i
61.6	-0.6764+0.0466i	0.8432+0.5489i	-75.6453+18.7155i	0.4434+0.4378i	-0.3982+0.0255i	-2.0547-0.9277i	0.9268+0.3671i	-0.2276-0.2022i
61.7	-0.7184+0.0946i	0.7425+0.4105i	-76.7840+19.1847i	0.4155+0.4470i	-0.3726+0.0692i	-2.0920-0.9855i	0.9567+0.3255i	-0.1395-0.1885i
61.8	-0.7731+0.1552i	0.7249+0.3657i	-77.9237+19.6517i	0.3986+0.4676i	-0.3541+0.0691i	-2.0686-1.1036i	0.9910+0.2725i	-0.1465-0.1834i
61.9	-0.8276+0.2256i	0.6905+0.4376i	-78.1897+21.6379i	0.3814+0.5223i	-0.3194+0.0722i	-2.0702-1.0995i	1.0365+0.2520i	-0.1307-0.2091i
62.0	-0.9067+0.2858i	0.5923+0.4092i	-79.5512+23.2491i	0.3572+0.5451i	-0.2815+0.0845i	-2.1441-1.0706i	1.0646+0.2219i	-0.1214-0.2004i
62.1	-0.9400+0.3831i	0.5170+0.3977i	-80.2978+24.7290i	0.3540+0.5836i	-0.2500+0.0845i	-2.1896-1.0839i	1.0752+0.1852i	-0.1364-0.2037i
62.2	-0.9711+0.4570i	0.5657+0.5417i	-80.5701+26.3911i	0.3439+0.6159i	-0.2413+0.0605i	-2.1483-1.0677i	1.0936+0.1566i	-0.1225-0.2055i
62.3	-0.9779+0.5652i	0.5086+0.5930i	-81.5606+28.3045i	0.3390+0.6771i	-0.2331+0.0361i	-2.1832-1.0790i	1.1005+0.1094i	-0.1119-0.2142i

62.4	−1.0028+0.6446i	0.5093+0.7286i	−82.2658+29.2848i	0.3376+0.7264i	−0.2023−0.0075i	−2.1169−1.0568i	1.1229+0.0961i	−0.1425−0.2181i
62.5	−0.9781+0.7034i	0.4908+0.7472i	−83.0348+29.9993i	0.3534+0.7517i	−0.2103−0.0125i	−2.1996−1.0528i	1.1177+0.0634i	−0.1379−0.2343i
62.6	−0.9563+0.8177i	0.4447+0.7280i	−83.7752+32.5292i	0.3635+0.8068i	−0.2218−0.0010i	−2.3589−1.0719i	1.0952+0.0189i	−0.1266−0.2319i
62.7	−0.9719+0.9337i	0.5233+0.8610i	−83.1979+35.1161i	0.3665+0.8740i	−0.2251−0.0395i	−2.3231−1.1898i	1.1403−0.0612i	−0.1007−0.2587i
62.8	−0.9017+1.0388i	0.5082+0.8462i	−84.4292+36.5275i	0.3978+0.9152i	−0.2307−0.0337i	−2.3076−1.1006i	1.1203−0.0995i	−0.1000−0.2678i
62.9	−0.8719+1.1227i	0.4651+0.8644i	−86.0514+38.2264i	0.4074+0.9612i	−0.2301−0.0350i	−2.3493−1.0923i	1.1075−0.1271i	−0.0895−0.2701i
63.0	−0.8472+1.1773i	0.5022+0.9041i	−86.2049+40.1250i	0.4225+1.0104i	−0.2377−0.0196i	−2.3544−1.1258i	1.1142−0.1443i	−0.0651−0.3023i
63.1	−0.7714+1.2661i	0.3733+0.8950i	−86.7818+42.1188i	0.4666+1.0619i	−0.2362−0.0383i	−2.4705−1.2542i	1.0981−0.1851i	−0.0869−0.3239i
63.2	−0.7346+1.4131i	0.5462+1.0108i	−86.6646+45.5374i	0.4997+1.1523i	−0.2569−0.0689i	−2.4658−1.2885i	1.0932−0.2375i	−0.1408−0.3643i
63.3	−0.6375+1.5135i	0.7277+1.0910i	−86.2746+47.4046i	0.5608+1.2112i	−0.3029−0.0743i	−2.4515−1.3187i	1.0817−0.2984i	−0.1587−0.3635i
63.4	−0.5247+1.5954i	0.5417+1.0998i	−86.3068+49.3068i	0.6241+1.2649i	−0.2895−0.0689i	−2.5408−1.2670i	1.0560−0.3186i	−0.1944−0.3649i
63.5	−0.3977+1.6592i	0.6295+1.1261i	−84.9511+52.5629i	0.7116+1.3094i	−0.3223−0.0517i	−2.5913−1.3286i	1.0328−0.3521i	−0.2148−0.3431i
63.6	−0.2755+1.7006i	0.7990+1.1669i	−85.0119+54.5745i	0.7767+1.3541i	−0.3759−0.0367i	−2.6017−1.3864i	1.0103−0.3904i	−0.2280−0.3472i
63.7	−0.1807+1.7470i	0.7520+1.1924i	−85.1506+56.3845i	0.8284+1.3940i	−0.3496−0.0177i	−2.7058−1.3982i	0.9739−0.4054i	−0.2691−0.3959i
63.8	−0.0675+1.7651i	0.7940+1.2070i	−84.3156+58.6772i	0.9041+1.4147i	−0.3502+0.0123i	−2.7972−1.4062i	0.9424−0.4309i	−0.2965−0.3831i
63.9	0.0691+1.7591i	0.8575+1.2429i	−84.4774+61.2870i	1.0059+1.4443i	−0.3595+0.0541i	−2.9115−1.4140i	0.8976−0.4494i	−0.3242−0.3999i
64.0	0.2205+1.7561i	0.8564+1.3431i	−84.2444+64.4476i	1.1000+1.4953i	−0.3966+0.0825i	−2.9395−1.4880i	0.8882−0.4743i	−0.3178−0.3983i
64.1	0.3474+1.6565i	0.5412+1.6028i	−82.5553+68.0923i	1.1696+1.4615i	−0.3226+0.0836i	−2.9977−1.2759i	0.8407−0.4579i	−0.3360−0.3748i
64.2	0.4168+1.5945i	0.6965+1.6197i	−81.4991+70.3654i	1.2564+1.4559i	−0.3253+0.0952i	−3.1611−1.3001i	0.8177−0.4615i	−0.3735−0.3515i
64.3	0.4787+1.5317i	0.7656+1.6567i	−81.6562+72.3347i	1.3439+1.4559i	−0.3150+0.1266i	−3.3266−1.4838i	0.8052−0.4874i	−0.3863−0.3437i
64.4	0.5280+1.5152i	0.9205+1.7099i	−79.7926+73.9074i	1.4352+1.4686i	−0.2979+0.1314i	−3.3870−1.4742i	0.7752−0.4985i	−0.4027−0.3412i
64.5	0.5965+1.5205i	1.2001+1.7164i	−78.0497+76.2305i	1.5368+1.4848i	−0.3268+0.1321i	−3.4189−1.4372i	0.7543−0.5247i	−0.4418−0.3455i
64.6	0.6525+1.4555i	1.1436+1.9390i	−76.1712+78.8973i	1.6104+1.4480i	−0.3008+0.1128i	−3.5092−1.2762i	0.7309−0.5122i	−0.4533−0.3046i
64.7	0.6831+1.4222i	1.2053+2.0445i	−74.2796+82.1812i	1.6892+1.4466i	−0.2930+0.1167i	−3.6558−1.2486i	0.7145−0.5262i	−0.4449−0.2637i
64.8	0.7010+1.4053i	1.3274+2.1396i	−73.0217+84.6735i	1.7841+1.4372i	−0.2657+0.1401i	−3.7496−1.0790i	0.7077−0.5144i	−0.4415−0.3024i
64.9	0.7480+1.3583i	1.4166+2.3096i	−71.7209+87.6503i	1.8970+1.3957i	−0.2060+0.1222i	−3.7079−1.0861i	0.7301−0.5419i	−0.4482−0.3381i
65.0	0.8141+1.3755i	1.6589+2.1948i	−69.9701+88.0767i	2.0040+1.3711i	−0.2075+0.1170i	−3.7916−1.0794i	0.6817−0.5796i	−0.5146−0.3564i
65.1	0.9560+1.3568i	1.9298+2.1766i	−67.6851+88.8291i	2.1606+1.3324i	−0.2557+0.1285i	−3.8904−0.9887i	0.6409−0.5862i	−0.5542−0.3436i
65.2	1.0772+1.3049i	2.2123+1.9818i	−66.5825+90.3699i	2.3143+1.2388i	−0.2785+0.1586i	−4.0552−0.9976i	0.5800−0.6005i	−0.6085−0.3096i
65.3	1.1516+1.1737i	2.3348+2.1207i	−63.7859+93.9602i	2.3920+1.1432i	−0.2777+0.1609i	−3.9700−1.0258i	0.5817−0.6104i	−0.5692−0.3010i
65.4	1.2052+1.0431i	2.5612+2.2579i	−59.4772+95.9233i	2.4836+1.0403i	−0.2652+0.1662i	−3.9885−0.9429i	0.5540−0.6091i	−0.6053−0.2839i
65.5	1.1842+0.9712i	2.7242+2.2656i	−56.5671+95.1149i	2.5195+0.9365i	−0.2410+0.1625i	−4.0807−0.7908i	0.5255−0.5812i	−0.6166−0.2997i
65.6	1.2086+0.8679i	3.0220+2.1771i	−54.0139+95.9825i	2.6243+0.8156i	−0.2302+0.1840i	−4.2021−0.7618i	0.4957−0.5899i	−0.6536−0.2682i
65.7	1.2210+0.7846i	3.2205+2.0154i	−51.5253+95.7957i	2.6678+0.7089i	−0.2147+0.2022i	−4.1697−0.7227i	0.4775−0.5800i	−0.6869−0.2440i
65.8	1.1778+0.7228i	3.3936+1.8908i	−49.7569+97.0183i	2.6852+0.5875i	−0.1624+0.1947i	−4.2886−0.6397i	0.4481−0.5752i	−0.7585−0.2722i
65.9	1.1432+0.6660i	3.7126+2.0070i	−44.8797+98.7031i	2.6966+0.4669i	−0.1570+0.1367i	−4.3567−0.4673i	0.4390−0.5480i	−0.7758−0.1871i
66.0	1.1094+0.5719i	3.7991+1.6893i	−41.7074+99.6996i	2.7037+0.3585i	−0.1346+0.1728i	−4.4873−0.5158i	0.4023−0.5380i	−0.7688−0.1621i
66.1	1.0953+0.4460i	3.9453+1.4236i	−41.1361+99.9660i	2.7396+0.2028i	−0.1025+0.1739i	−4.5965−0.6801i	0.3751−0.5668i	−0.8136−0.1465i
66.2	1.0975+0.3642i	4.0987+1.1974i	−39.3489+98.9635i	2.7458+0.0896i	−0.1001+0.1765i	−4.4942−0.6667i	0.3879−0.5207i	−0.8145−0.0952i
66.3	1.0445+0.3129i	4.3117+1.0811i	−36.5895+98.9402i	2.7210−0.0185i	−0.0951+0.1552i	−4.5422−0.6187i	0.3892−0.5063i	−0.8325−0.0903i
66.4	0.9613+0.3009i	4.6308+0.9107i	−35.1857+98.7181i	2.6898−0.1246i	−0.0912+0.1320i	−4.6719−0.3015i	0.3805−0.4710i	−0.8878+0.0066i
66.5	0.8807+0.2607i	4.7127+0.5019i	−32.2699+99.1755i	2.6552−0.2226i	−0.0546+0.1437i	−4.8461−0.2772i	0.3826−0.4590i	−0.9029+0.0529i
66.6	0.7921+0.1941i	4.7019+0.1131i	−30.7320+101.3601i	2.5966−0.3520i	−0.0207+0.1529i	−4.9424−0.2446i	0.3910−0.4373i	−0.8562+0.0768i
66.7	0.6746+0.1950i	4.6425−0.2818i	−29.7448+99.9652i	2.5543−0.4350i	0.0205+0.1552i	−5.2329−0.1750i	0.3876−0.4323i	−0.8698+0.0825i
66.8	0.6421+0.2106i	4.7096−0.4616i	−26.9288+99.5813i	2.5370−0.4587i	0.0457+0.1202i	−5.1664−0.1988i	0.4277−0.4265i	−0.8919+0.1101i
66.9	0.5351+0.2330i	4.9477−0.5480i	−25.4832+96.5813i	2.4554−0.5178i	0.0207+0.0540i	−5.0955−0.2695i	0.4912−0.4739i	−0.8169+0.1030i
67.0	0.4235+0.2742i	5.0297−0.7760i	−22.1837+95.4958i	2.3739−0.5461i	−0.0149+0.0489i	−5.1896−0.2438i	0.5170−0.5076i	−0.7661+0.0958i
67.1	0.3740+0.3642i	4.8415−1.2426i	−20.8033+96.3575i	2.3124−0.6002i	−0.0064+0.0300i	−5.3921+0.0507i	0.4894−0.5185i	−0.8150+0.1678i
67.2	0.3173+0.4081i	4.8460−1.5358i	−19.2762+96.9620i	2.2717−0.6461i	0.0026+0.0078i	−5.4292+0.0631i	0.5301−0.5526i	−0.7883+0.1995i
67.3	0.2554+0.4898i	4.8633−1.7136i	−17.4527+95.7747i	2.2539−0.6437i	0.0291−0.0062i	−5.5010−0.0032i	0.5822−0.6060i	−0.7947+0.1569i
67.4	0.2064+0.6519i	4.3546−2.2227i	−16.1345+97.0910i	2.2107−0.6748i	0.1200−0.0126i	−5.8004+0.3572i	0.5688−0.6419i	−0.8407+0.1939i
67.5	0.2096+0.7872i	4.2206−2.4797i	−14.4302+96.4792i	2.1578−0.7049i	0.1020−0.0804i	−5.9738+0.5840i	0.5461−0.7008i	−0.8331+0.2544i
67.6	0.2477+0.9040i	4.1454−2.6668i	−12.9595+96.0779i	2.1360−0.7139i	0.0731−0.1508i	−6.0417+0.6121i	0.5099−0.7688i	−0.8271+0.2793i
67.7	0.3128+1.0709i	3.9669−2.8909i	−10.9499+95.8732i	2.1294−0.7367i	0.0943−0.2105i	−6.0771+0.9143i	0.4735−0.8321i	−0.8773+0.2867i
67.8	0.3630+1.1827i	4.0493−2.9575i	−9.0640+94.9612i	2.1080−0.7282i	0.0482−0.2616i	−6.0711+0.9746i	0.4654−0.8990i	−0.8764+0.2537i
67.9	0.4951+1.2890i	3.4575−3.1031i	−6.6798+95.2514i	2.1087−0.7999i	0.0550−0.3269i	−6.1531+1.4047i	0.3966−0.9326i	−0.8419+0.3077i
68.0	0.6846+1.3690i	3.3751−3.2971i	−6.2335+96.8217i	2.1001−0.8465i	−0.0590−0.4112i	−6.2673+1.6924i	0.3125−0.9638i	−0.8671+0.4015i
68.1	0.7880+1.4283i	3.3122−3.4118i	−3.8964+95.4746i	2.0709−0.8786i	−0.1450−0.4657i	−6.5372+1.9019i	0.2089−1.0146i	−0.9109+0.4455i
68.2	0.9020+1.4253i	3.1163−3.5096i	−2.9391+95.1586i	2.0088−0.9064i	−0.2182−0.4688i	−6.5708+2.1538i	0.1221−1.0259i	−0.9203+0.4517i
68.3	1.0131+1.3957i	2.9391−3.6581i	−0.9230+94.4037i	1.9751−0.9479i	−0.2990−0.4263i	−6.5416+2.3739i	0.0770−1.0427i	−0.8782+0.4413i
68.4	1.1788+1.3619i	2.5977−3.9004i	1.5599+94.8568i	1.9327−1.0133i	−0.3958−0.3970i	−6.5443+2.8941i	−0.0175−1.0133i	−0.8363+0.5679i
68.5	1.2993+1.2833i	2.2750−3.9980i	3.8201+94.4880i	1.8713−1.0392i	−0.4394−0.3690i	−6.3559+3.2089i	−0.0555−0.9712i	−0.8214+0.6301i
68.6	1.3844+1.2743i	2.2108−4.2304i	4.7733+93.8667i	1.8540−1.0252i	−0.4926−0.3093i	−6.2743+3.5221i	−0.1148−0.9675i	−0.8162+0.6693i

68.7	1.4046+1.2508i	1.9805-4.2964i	6.6859+91.6707i	1.8190-0.9920i	-0.5007-0.2590i	-6.1250+3.6370i	-0.1391-0.9610i	-0.7993+0.6554i
68.8	1.4428+1.2332i	1.6307-4.3680i	9.6993+90.7881i	1.7727-0.9770i	-0.5015-0.2067i	-6.0483+3.8925i	-0.2142-0.9572i	-0.7910+0.6359i
68.9	1.5260+1.1770i	1.3712-4.5577i	11.8329+90.4958i	1.7520-0.9871i	-0.5150-0.1454i	-5.7996+4.1613i	-0.2702-0.9375i	-0.7903+0.7237i
69.0	1.5894+1.1821i	1.0470-4.6458i	14.6677+89.3237i	1.7417-0.9586i	-0.4965-0.1039i	-5.6753+4.3533i	-0.3584-0.9583i	-0.8233+0.7838i
69.1	1.6328+1.1539i	0.6232-4.4493i	14.6670+87.2821i	1.7295-0.9835i	-0.4457-0.1326i	-5.3635+4.4942i	-0.3903-0.9111i	-0.7460+0.8517i
69.2	1.6885+1.1257i	0.2724-4.3013i	16.1145+86.4267i	1.6989-1.0069i	-0.4106-0.1545i	-5.0036+4.6835i	-0.4372-0.8444i	-0.6707+0.9093i
69.3	1.7492+1.1647i	0.0135-4.1314i	17.5597+84.9740i	1.6906-1.0170i	-0.3852-0.2122i	-4.8621+4.8844i	-0.5046-0.7690i	-0.6128+0.9366i
69.4	1.8392+1.2147i	-0.1980-3.7921i	19.1498+82.6939i	1.6639-1.0004i	-0.4019-0.3341i	-4.5963+4.9338i	-0.5147-0.7043i	-0.5564+0.9453i
69.5	2.0161+1.2219i	-0.3280-3.6276i	21.4640+80.7453i	1.6868-0.9955i	-0.4877-0.4251i	-4.3049+4.9030i	-0.5488-0.6914i	-0.4866+1.0092i
69.6	2.2091+1.2075i	-0.2744-3.5388i	22.1450+78.3549i	1.6939-0.9838i	-0.6496-0.4583i	-4.2298+4.8426i	-0.6075-0.7048i	-0.4493+1.0091i
69.7	2.3496+1.1368i	-0.2176-3.4592i	22.0561+77.3306i	1.6501-0.9994i	-0.8188-0.4274i	-4.1833+4.8795i	-0.6238-0.6681i	-0.3596+0.9533i
69.8	2.5073+0.9338i	-0.2760-3.3206i	24.0791+76.3181i	1.6096-0.9985i	-0.9633-0.3195i	-3.8687+4.8424i	-0.6179-0.5812i	-0.2536+0.8921i
69.9	2.6630+0.8235i	-0.3563-3.4566i	24.6382+75.3458i	1.6131-0.9951i	-1.0631-0.2431i	-3.7605+4.9277i	-0.6527-0.5397i	-0.2294+0.8927i
70.0	2.7370+0.7250i	-0.4269-3.5059i	25.1106+73.3571i	1.5951-0.9718i	-1.1387-0.1599i	-3.6356+4.9167i	-0.6378-0.5242i	-0.2031+0.8677i
70.1	2.8099+0.5899i	-0.6022-3.4728i	25.3519+70.9624i	1.5863-0.9437i	-1.1942-0.0560i	-3.5219+4.9341i	-0.6471-0.4861i	-0.1768+0.8274i
70.2	2.8737+0.4089i	-0.8171-3.3007i	25.4792+69.4291i	1.6003-0.9321i	-1.2158+0.0543i	-3.2939+4.9038i	-0.6551-0.4349i	-0.1420+0.7961i
70.3	2.9134+0.2585i	-0.9539-3.2202i	27.0886+67.1661i	1.6166-0.9101i	-1.2429+0.2018i	-3.1485+4.8487i	-0.6464-0.4223i	-0.1010+0.7214i
70.4	2.9638+0.1009i	-1.1249-3.2184i	27.4707+66.0247i	1.6497-0.9347i	-1.2470+0.3148i	-3.0386+4.8152i	-0.6592-0.3998i	-0.0616+0.7103i
70.5	3.0035-0.0472i	-1.2976-3.1731i	27.3384+64.4510i	1.6875-0.9530i	-1.2469+0.4366i	-2.9585+4.8442i	-0.6710-0.3659i	-0.0240+0.6919i
70.6	3.0769-0.1719i	-1.4246-3.1566i	27.1694+63.5341i	1.7553-0.9666i	-1.2542+0.5358i	-3.0036+4.9188i	-0.7116-0.3517i	-0.0346+0.6925i
70.7	3.0768-0.3204i	-1.4981-3.1217i	26.9943+62.5795i	1.8175-0.9820i	-1.2146+0.6374i	-3.0331+4.8208i	-0.7319-0.3647i	-0.0674+0.6403i
70.8	3.0749-0.4779i	-1.6437-2.9918i	27.4247+61.0496i	1.8330-1.0163i	-1.1749+0.7181i	-2.8746+4.8213i	-0.7455-0.3326i	-0.0693+0.6443i
70.9	3.0649-0.6739i	-1.7651-2.6941i	27.2057+59.2772i	1.8536-1.0556i	-1.1378+0.8379i	-2.6878+4.8417i	-0.7238-0.2942i	-0.0380+0.5974i
71.0	3.0723-0.8072i	-1.8641-2.4971i	27.0553+57.9986i	1.8973-1.0634i	-1.1145+0.9350i	-2.5951+4.7904i	-0.7247-0.2746i	0.0053+0.5506i
71.1	3.0630-0.9541i	-1.9686-2.4705i	27.0708+57.7886i	1.9222-1.1253i	-1.0771+1.0441i	-2.5724+4.8450i	-0.7564-0.2714i	0.0246+0.5068i
71.2	3.0569-1.0913i	-2.0702-2.4268i	26.5574+56.4386i	1.9403-1.1606i	-1.0193+1.1627i	-2.5253+4.8230i	-0.7874-0.2945i	-0.0101+0.4226i
71.3	3.0403-1.2454i	-2.1540-2.2294i	26.4388+55.3698i	1.9451-1.2134i	-0.9665+1.2446i	-2.4251+4.7837i	-0.8068-0.2848i	-0.0238+0.3791i
71.4	3.0027-1.4407i	-2.2912-2.1045i	26.5265+54.8264i	1.9574-1.3009i	-0.8873+1.3532i	-2.3193+4.7965i	-0.8537-0.2765i	-0.0187+0.3614i
71.5	2.9449-1.6142i	-2.3255-1.8640i	26.7042+53.3129i	1.9625-1.3864i	-0.8067+1.4236i	-2.3062+4.8044i	-0.9010-0.2472i	-0.0301+0.3422i
71.6	2.8488-1.7833i	-2.3150-1.5790i	26.6881+51.9030i	1.9391-1.4457i	-0.6871+1.4785i	-2.2550+4.7950i	-0.9435-0.1969i	-0.0916+0.3056i
71.7	2.7638-1.9603i	-2.3990-1.5546i	26.7849+51.7815i	1.9425-1.5206i	-0.5523+1.5770i	-2.2492+4.8614i	-1.0214-0.1582i	-0.1411+0.2697i
71.8	2.6684-2.1307i	-2.4317-1.4594i	26.5551+51.6011i	1.9561-1.5962i	-0.4404+1.6587i	-2.3001+4.9778i	-1.1055-0.0868i	-0.1443+0.2489i
71.9	2.5401-2.3552i	-2.4705-1.2883i	26.8613+50.4604i	1.9227-1.6926i	-0.3008+1.7249i	-2.1376+5.0220i	-1.1427-0.0172i	-0.1760+0.2726i
72.0	2.4051-2.5094i	-2.4435-1.1210i	27.0509+49.5042i	1.8995-1.7430i	-0.1758+1.7636i	-2.0460+5.0294i	-1.1595+0.0530i	-0.2042+0.2613i
72.1	2.1862-2.6302i	-2.3736-0.9157i	26.5286+49.4702i	1.8482-1.8189i	-0.0273+1.7541i	-2.0199+5.1220i	-1.1682+0.1574i	-0.2227+0.2850i
72.2	1.9922-2.7147i	-2.4009-0.8855i	26.5861+48.7815i	1.7953-1.8804i	0.1212+1.7564i	-1.9504+5.1618i	-1.1901+0.2224i	-0.2539+0.2798i
72.3	1.7731-2.7377i	-2.4186-0.8672i	26.0492+48.1011i	1.7503-1.8944i	0.2798+1.7222i	-1.9576+5.0843i	-1.2055+0.2695i	-0.3012+0.2484i
72.4	1.5838-2.7349i	-2.3243-0.7394i	25.7753+47.5032i	1.7065-1.8992i	0.3689+1.6876i	-1.9436+5.1902i	-1.1890+0.3498i	-0.3236+0.2459i
72.5	1.4584-2.7426i	-2.3502-0.6839i	25.6054+46.9323i	1.6887-1.9491i	0.4883+1.6651i	-1.9043+5.3617i	-1.2289+0.4316i	-0.3617+0.2463i
72.6	1.2884-2.6982i	-2.3297-0.5684i	26.0993+45.6847i	1.6310-1.9915i	0.6499+1.5794i	-1.6528+5.3667i	-1.2095+0.5099i	-0.4131+0.2513i
72.7	1.2023-2.7290i	-2.3859-0.4375i	25.9631+45.6635i	1.5968-2.0457i	0.7775+1.5147i	-1.3945+5.4446i	-1.1771+0.6230i	-0.4619+0.3009i
72.8	1.1060-2.7376i	-2.4300-0.3978i	25.8839+45.6174i	1.5833-2.0811i	0.8716+1.4612i	-1.3214+5.4981i	-1.1681+0.6969i	-0.4730+0.3161i
72.9	0.9842-2.7018i	-2.4190-0.3089i	25.7857+44.5387i	1.5366-2.0927i	0.9579+1.3739i	-1.2537+5.4665i	-1.1539+0.7683i	-0.5195+0.3289i
73.0	0.8475-2.7124i	-2.4800-0.1824i	26.8052+43.5092i	1.4604-2.1297i	1.0547+1.2976i	-0.9688+5.4510i	-1.0875+0.8515i	-0.5219+0.3463i
73.1	0.7176-2.6785i	-2.3938+0.0591i	26.9348+42.2278i	1.3879-2.1338i	1.1258+1.1707i	-0.6542+5.3113i	-0.9552+0.9070i	-0.5446+0.3731i
73.2	0.6437-2.6389i	-2.3764+0.1784i	26.6456+41.2811i	1.3693-2.1599i	1.1504+1.0837i	-0.6890+5.3359i	-0.9259+0.9555i	-0.5310+0.3796i
73.3	0.5405-2.6272i	-2.4047+0.3026i	26.8307+41.0935i	1.3576-2.2128i	1.2122+0.9962i	-0.6313+5.3765i	-0.8827+1.0267i	-0.5190+0.4188i
73.4	0.4149-2.5940i	-2.3840+0.4737i	27.3420+40.9237i	1.3420-2.2703i	1.2713+0.8891i	-0.5076+5.4361i	-0.7973+1.0873i	-0.5293+0.4378i
73.5	0.4143-2.5247i	-2.3199+0.5888i	26.5638+40.4581i	1.3280-2.2763i	1.2633+0.8220i	-0.3870+5.4399i	-0.7340+1.1034i	-0.5551+0.4408i
73.6	0.3904-2.5371i	-2.1945+0.7667i	25.9132+38.9205i	1.3137-2.3429i	1.2543+0.7513i	-0.2725+5.4027i	-0.6854+1.1324i	-0.5595+0.4416i
73.7	0.3090-2.5790i	-2.0485+0.8744i	26.0524+38.0406i	1.2587-2.4086i	1.2723+0.6757i	-0.1541+5.2201i	-0.6268+1.1075i	-0.5537+0.4537i
73.8	0.1967-2.6474i	-1.9200+0.9419i	26.4131+37.8179i	1.1967-2.5151i	1.2854+0.6261i	-0.0999+5.2198i	-0.5736+1.1355i	-0.5505+0.4684i
73.9	0.0316-2.6786i	-1.8076+1.0237i	26.7938+36.6468i	1.1294-2.6180i	1.3408+0.5450i	-0.1057+5.1847i	-0.5391+1.1507i	-0.5772+0.4816i
74.0	-0.1127-2.6660i	-1.7808+1.0305i	27.2354+36.0071i	1.0073-2.6852i	1.3740+0.4795i	0.0990+5.1731i	-0.4516+1.1531i	-0.5804+0.4825i
74.1	-0.2272-2.6019i	-1.7388+1.0489i	27.2928+35.9378i	0.8976-2.7268i	1.4044+0.3976i	0.2659+5.1435i	-0.4047+1.1341i	-0.5755+0.5175i
74.2	-0.3452-2.5546i	-1.6688+1.0757i	26.9914+35.3291i	0.8179-2.6931i	1.4256+0.3524i	0.3075+5.0499i	-0.3571+1.1232i	-0.6040+0.5275i
74.3	-0.4556-2.4860i	-1.5595+1.1392i	26.6787+33.9551i	0.7126-2.6596i	1.4235+0.2472i	0.3569+4.8532i	-0.3179+1.0952i	-0.6266+0.5602i
74.4	-0.5585-2.3970i	-1.6007+1.1522i	26.6789+32.6797i	0.5766-2.6768i	1.4540+0.1513i	0.5380+4.7209i	-0.2949+1.0523i	-0.6374+0.5964i
74.5	-0.6453-2.3348i	-1.5499+1.2273i	26.5955+31.8112i	0.4992-2.7046i	1.4517+0.0449i	0.4884+4.6993i	-0.3046+1.0492i	-0.6397+0.6129i
74.6	-0.6921-2.2623i	-1.4668+1.2769i	26.1479+31.9235i	0.4762-2.7118i	1.4415-0.0246i	0.3581+4.7753i	-0.3392+1.0429i	-0.6756+0.6166i
74.7	-0.7597-2.1210i	-1.3525+1.3351i	25.3530+30.5797i	0.3613-2.6396i	1.4089-0.1124i	0.4797+4.5377i	-0.3012+0.9847i	-0.6833+0.6242i
74.8	-0.7927-2.0740i	-1.3098+1.3957i	24.9924+30.0443i	0.2704-2.5910i	1.3804-0.1443i	0.6131+4.5188i	-0.3016+1.0236i	-0.6923+0.6326i
74.9	-0.8195-2.0411i	-1.3027+1.4569i	24.3152+29.6933i	0.1984-2.6014i	1.3482-0.2103i	0.5427+4.4826i	-0.3484+1.0256i	-0.6903+0.6504i

75.0	-0.9070-1.9595i	-1.1994+1.5007i	23.7034+28.5790i	0.1283-2.5761i	1.3173-0.2994i	0.4664+4.4089i	-0.3175+1.0144i	-0.7036+0.6869i
75.1	-0.9508-1.9007i	-1.2077+1.5834i	23.7328+28.1916i	0.0584-2.5537i	1.2988-0.3916i	0.4746+4.4254i	-0.3396+1.0557i	-0.6981+0.7405i
75.2	-1.0120-1.7473i	-1.0928+1.6106i	22.4656+26.6310i	-0.0727-2.4855i	1.2428-0.4509i	0.6647+4.4345i	-0.2881+1.0288i	-0.7003+0.7576i
75.3	-1.0187-1.6509i	-1.0226+1.6764i	22.0266+26.1820i	-0.1357-2.3945i	1.2300-0.5034i	0.7656+4.2301i	-0.2809+0.9961i	-0.7278+0.7643i
75.4	-1.0474-1.6072i	-0.8983+1.8066i	21.9187+26.1560i	-0.1651-2.4160i	1.1736-0.6082i	0.6630+4.2951i	-0.3285+1.0559i	-0.7202+0.8143i
75.5	-1.0848-1.5293i	-0.8225+1.8732i	21.2106+25.6859i	-0.2386-2.3615i	1.1172-0.6590i	0.5941+4.3047i	-0.3602+1.0784i	-0.7401+0.8317i
75.6	-1.1148-1.5044i	-0.8515+1.9107i	20.6243+25.8254i	-0.2354-2.3620i	1.1208-0.6897i	0.4742+4.3561i	-0.3908+1.1021i	-0.7642+0.8655i
75.7	-1.0986-1.4380i	-0.7678+2.0097i	19.4661+25.7810i	-0.2924-2.2279i	1.0575-0.7209i	0.4923+4.2476i	-0.4352+1.1684i	-0.7767+0.8837i
75.8	-1.1077-1.3585i	-0.6456+2.0573i	19.0526+25.5985i	-0.3488-2.2053i	1.0162-0.7817i	0.5481+4.2580i	-0.4680+1.2040i	-0.7834+0.9159i
75.9	-1.0919-1.2695i	-0.5246+2.0897i	18.5244+25.1334i	-0.3857-2.1286i	0.9706-0.8173i	0.5657+4.2665i	-0.4452+1.2695i	-0.8081+0.9682i
76.0	-1.0954-1.1553i	-0.3533+2.1244i	18.4017+24.6695i	-0.4846-2.1117i	0.8776-0.8892i	0.7948+4.3598i	-0.3906+1.3382i	-0.7731+1.0333i
76.1	-1.0914-1.1251i	-0.2629+2.1421i	17.7631+24.6808i	-0.4809-2.0428i	0.8378-0.8990i	0.7203+4.2404i	-0.3946+1.3589i	-0.7814+1.0427i
76.2	-1.0694-1.1141i	-0.1353+2.1958i	17.5656+24.8622i	-0.4692-1.9831i	0.7978-0.9284i	0.6712+4.1909i	-0.3932+1.3973i	-0.8022+1.0841i
76.3	-1.0709-1.0755i	-0.0412+2.2546i	17.0695+24.5327i	-0.5015-1.9342i	0.7541-0.9780i	0.6315+4.0708i	-0.3695+1.4570i	-0.8120+1.1273i
76.4	-1.0499-1.0592i	0.1297+2.2801i	16.5139+24.8045i	-0.5597-1.9266i	0.6769-1.0006i	0.7069+4.0874i	-0.3586+1.5393i	-0.8185+1.2026i
76.5	-1.0594-0.9909i	0.3083+2.2435i	16.3186+25.2228i	-0.6383-1.8896i	0.6138-0.9863i	0.8028+4.2888i	-0.3243+1.5845i	-0.8003+1.2509i
76.6	-1.0542-0.9147i	0.3799+2.2050i	15.9347+25.4865i	-0.7123-1.7168i	0.5707-0.9767i	0.8594+4.2042i	-0.2975+1.6332i	-0.7933+1.2836i
76.7	-1.0300-0.8707i	0.4851+2.1624i	15.6611+25.3188i	-0.7409-1.6462i	0.5026-0.9800i	0.8524+4.2209i	-0.2825+1.6763i	-0.7759+1.3152i
76.8	-1.0168-0.8523i	0.6743+2.1228i	15.8105+25.0419i	-0.7601-1.6100i	0.4455-0.9943i	0.9322+4.1574i	-0.2231+1.7010i	-0.7624+1.3630i
76.9	-1.0185-0.8444i	0.7727+2.1550i	15.9348+25.7908i	-0.7411-1.5334i	0.4264-0.9977i	0.8049+4.1755i	-0.2121+1.7883i	-0.7962+1.4232i
77.0	-1.0338-0.7929i	0.8547+2.1225i	15.8006+25.8602i	-0.7276-1.4670i	0.3948-0.9958i	0.6672+4.2749i	-0.1786+1.8575i	-0.7919+1.4692i
77.1	-1.0367-0.6947i	0.9835+2.0445i	15.7186+25.9579i	-0.7365-1.3522i	0.3632-0.9637i	0.7368+4.4464i	-0.0964+1.9204i	-0.7743+1.5361i
77.2	-1.0214-0.6624i	1.1106+1.9632i	15.6658+26.3901i	-0.7705-1.3354i	0.3444-0.9643i	0.8396+4.6530i	-0.1063+1.9612i	-0.7848+1.6184i
77.3	-0.9909-0.6216i	1.2708+1.8431i	15.5570+26.3220i	-0.7138-1.2856i	0.2982-0.9561i	0.7340+4.9936i	-0.0858+2.0470i	-0.7741+1.7210i
77.4	-0.9772-0.5258i	1.3649+1.7197i	15.7542+25.9477i	-0.6574-1.2157i	0.2836-0.9781i	0.7321+5.3358i	0.0243+2.0931i	-0.7246+1.8229i
77.5	-0.8512-0.4735i	1.4066+1.5676i	15.7016+25.3125i	-0.6053-1.0645i	0.2528-0.9737i	1.1522+5.3562i	0.1143+2.1249i	-0.6214+1.9000i
77.6	-0.8114-0.4617i	1.5215+1.5112i	15.8810+25.4084i	-0.6042-0.9504i	0.2333-0.9887i	1.5210+5.5398i	0.1837+2.2453i	-0.5788+2.0140i
77.7	-0.7864-0.4773i	1.5507+1.4407i	15.8717+25.4081i	-0.5780-0.8751i	0.2306-0.9950i	1.7631+5.4855i	0.2102+2.3218i	-0.5365+2.0792i
77.8	-0.7564-0.4453i	1.6276+1.3714i	16.5244+25.4034i	-0.4940-0.7380i	0.1949-1.0375i	2.0622+5.4931i	0.3788+2.4747i	-0.4247+2.1929i
77.9	-0.6872-0.4121i	1.6721+1.2810i	16.4975+25.2713i	-0.3485-0.7095i	0.1795-1.0738i	2.3736+5.5459i	0.5159+2.5593i	-0.3401+2.2761i
78.0	-0.6263-0.3906i	1.6441+1.1752i	16.1415+25.2911i	-0.2075-0.6586i	0.1632-1.0728i	2.3718+5.4848i	0.5929+2.5637i	-0.2756+2.2984i
78.1	-0.5682-0.4300i	1.6778+1.0921i	16.7317+25.3680i	-0.0448-0.6419i	0.1232-1.1165i	2.4866+5.3952i	0.7807+2.6327i	-0.1439+2.3823i
78.2	-0.5130-0.4697i	1.6935+0.9948i	16.9385+25.1291i	0.0992-0.6627i	0.0778-1.1438i	2.7084+5.2069i	1.0070+2.6530i	-0.0146+2.4390i
78.3	-0.4550-0.5095i	1.6858+0.8395i	16.7811+24.4821i	0.2501-0.7744i	0.0216-1.1480i	3.0839+5.1563i	1.1821+2.5794i	0.1324+2.4449i
78.4	-0.4651-0.5393i	1.6829+0.8018i	17.1088+24.2893i	0.3225-0.8099i	-0.0169-1.1723i	3.2520+5.1246i	1.3429+2.5782i	0.2536+2.4684i
78.5	-0.4422-0.5944i	1.7263+0.7132i	17.3414+23.7885i	0.4285-0.9516i	-0.1061-1.1766i	3.5961+5.0730i	1.5692+2.4599i	0.4454+2.4371i
78.6	-0.4118-0.6815i	1.7243+0.6677i	17.2450+23.8462i	0.4720-1.1093i	-0.1841-1.1759i	3.7956+5.0067i	1.6955+2.4061i	0.5725+2.4248i
78.7	-0.4674-0.7458i	1.6683+0.6264i	16.8861+23.4341i	0.4248-1.2331i	-0.2103-1.1636i	4.0115+4.8606i	1.7679+2.3007i	0.6568+2.3940i
78.8	-0.5000-0.8093i	1.7323+0.5558i	17.3558+23.6947i	0.4308-1.4041i	-0.2642-1.1660i	4.4813+4.8777i	1.9371+2.2025i	0.7831+2.3897i
78.9	-0.5603-0.8478i	1.7817+0.4814i	18.0260+24.8217i	0.3743-1.6526i	-0.3127-1.1775i	5.0583+5.0796i	2.0751+2.0386i	0.9097+2.3859i
79.0	-0.6829-0.8205i	1.7327+0.3654i	19.5966+24.0628i	0.0338-1.7962i	-0.4051-1.2059i	5.8636+4.4167i	2.0200+1.8030i	1.0971+2.2916i
79.1	-0.7128-0.8341i	1.6691+0.3182i	20.7894+21.7275i	-0.0652-1.4786i	-0.5092-1.1538i	5.6875+2.9818i	2.1078+1.8657i	1.2334+2.1772i
79.2	-0.7042-0.8681i	1.6469+0.3121i	20.0956+20.8074i	0.0520-1.4094i	-0.5546-1.0892i	5.2147+2.6746i	2.2080+1.8354i	1.2775+2.0880i
79.3	-0.7192-0.8511i	1.6468+0.3205i	19.4358+19.8578i	0.1356-1.4250i	-0.5807-1.0582i	4.9378+2.6970i	2.2737+1.7775i	1.2982+2.0221i
79.4	-0.7608-0.8539i	1.6952+0.2288i	19.1388+19.5138i	0.1147-1.4910i	-0.6253-1.0009i	5.0240+2.6362i	2.3619+1.6718i	1.3723+1.9459i
79.5	-0.7884-0.8848i	1.6233+0.1401i	18.7463+18.9551i	0.0978-1.5431i	-0.6630-0.9598i	5.0825+2.3954i	2.4251+1.5654i	1.4398+1.8552i
79.6	-0.7911-0.8429i	1.5838+0.1689i	18.4108+18.4088i	0.0735-1.5781i	-0.7014-0.9582i	5.2024+2.1552i	2.4420+1.4812i	1.4790+1.7758i
79.7	-0.9001-0.8065i	1.6644+0.1378i	18.6772+17.7025i	0.0345-1.5713i	-0.7477-0.9332i	5.1803+1.6095i	2.5954+1.3050i	1.5822+1.6583i
79.8	-0.9502-0.8072i	1.6790+0.1456i	18.5833+16.9437i	-0.0420-1.6181i	-0.8245-0.8804i	5.3611+1.2871i	2.6888+1.1802i	1.6747+1.5524i
79.9	-0.9783-0.7553i	1.6551+0.1488i	18.2567+17.0269i	-0.0025-1.6073i	-0.7938-0.8721i	4.9441+1.2697i	2.6813+1.1245i	1.6367+1.5262i
80.0	-0.9899-0.7116i	1.6420+0.0810i	17.8214+16.5335i	-0.0496-1.5833i	-0.8240-0.8001i	4.8267+0.9264i	2.6834+1.0360i	1.6353+1.4213i

2.1.76 Run 7 – VT270 – Accels 25–32

Vertical shaking at 270°. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	--	6.8034+0.0000i	6.3328+0.0000i	5.6760+0.0000i	1.6960+0.0000i	8.9602+0.0000i	4.9246+0.0000i	-5.6795+0.0000i
0.1	--	1.2190+0.5368i	0.9927+0.4509i	0.9612+0.6594i	0.3388+0.0169i	1.8910+1.0386i	0.6808+0.7853i	-0.9359-0.1395i
0.2	--	0.0493+0.0092i	-0.0138+0.0360i	0.0764+0.0506i	0.0168-0.0339i	-0.0107+0.0175i	0.0230-0.1129i	-0.0523+0.0317i
0.3	--	0.0072-0.0111i	0.0046+0.0142i	0.0189+0.0038i	0.0121+0.0031i	0.0267-0.1269i	-0.0087+0.0056i	-0.0292+0.0920i
0.4	--	0.0006-0.0044i	0.0020+0.0008i	-0.0031-0.0013i	-0.0131+0.0083i	0.0290+0.0192i	-0.0155-0.0312i	0.0051-0.0097i
0.5	--	-0.0013-0.0025i	-0.0010-0.0019i	-0.0047-0.0010i	-0.0181+0.0026i	0.0091+0.0133i	-0.0050-0.0115i	0.0030-0.0204i
0.6	--	-0.0037-0.0024i	0.0010-0.0036i	-0.0029-0.0007i	-0.0082+0.0050i	-0.0014-0.0052i	0.0100-0.0037i	0.0043-0.0023i
0.7	--	-0.0032-0.0026i	-0.0014-0.0055i	-0.0009-0.0016i	0.0016+0.0032i	-0.0044+0.0027i	0.0016-0.0045i	0.0006-0.0055i
0.8	--	-0.0018-0.0011i	0.0003-0.0004i	-0.0006-0.0004i	0.0037+0.0013i	-0.0010+0.0006i	-0.0019+0.0027i	-0.0017-0.0028i
0.9	--	-0.0010+0.0018i	0.0010+0.0016i	-0.0005-0.0024i	-0.0033-0.0013i	-0.0030+0.0007i	-0.0009+0.0011i	-0.0011-0.0004i
1.0	--	-0.0016+0.0005i	0.0005+0.0015i	-0.0004-0.0009i	-0.0027-0.0047i	-0.0012-0.0009i	-0.0003-0.0011i	0.0024+0.0022i
1.1	--	-0.0033-0.0014i	0.0002+0.0025i	-0.0017-0.0006i	-0.0003-0.0008i	0.0013+0.0008i	0.0010-0.0013i	0.0007+0.0011i
1.2	--	-0.0023-0.0006i	0.0008+0.0001i	-0.0022-0.0002i	0.0009-0.0049i	0.0024+0.0005i	0.0004-0.0009i	-0.0013-0.0011i
1.3	--	-0.0028-0.0010i	0.0024-0.0008i	-0.0035-0.0003i	-0.0032+0.0023i	0.0007+0.0017i	0.0007+0.0009i	-0.0020-0.0004i
1.4	--	-0.0057-0.0007i	0.0012+0.0003i	-0.0038-0.0004i	-0.0044-0.0025i	-0.0005+0.0011i	0.0006+0.0005i	-0.0007+0.0026i
1.5	--	-0.0068-0.0014i	0.0002-0.0046i	-0.0017-0.0002i	-0.0031-0.0034i	-0.0012-0.0007i	0.0001-0.0018i	-0.0004+0.0020i
1.6	--	-0.0083-0.0031i	-0.0044-0.0126i	-0.0011-0.0017i	-0.0031+0.0001i	-0.0017-0.0008i	0.0007-0.0012i	0.0020+0.0016i
1.7	--	-0.0120-0.0023i	-0.0082-0.0048i	-0.0020+0.0001i	-0.0046-0.0008i	-0.0027-0.0001i	0.0017+0.0007i	0.0018+0.0025i
1.8	--	-0.0154-0.0023i	0.0097+0.0037i	-0.0004+0.0011i	-0.0041-0.0020i	-0.0026+0.0002i	0.0036+0.0003i	-0.0003-0.0013i
1.9	--	-0.0203-0.0002i	0.0096-0.0020i	-0.0019-0.0003i	-0.0075+0.0029i	-0.0020+0.0011i	0.0047+0.0006i	0.0006-0.0035i
2.0	--	-0.0245+0.0002i	0.0065-0.0055i	-0.0035-0.0008i	-0.0081+0.0026i	-0.0001+0.0017i	0.0048+0.0002i	0.0001-0.0045i
2.1	--	-0.0384-0.0014i	0.0052-0.0053i	-0.0036+0.0045i	-0.0091-0.0006i	0.0030+0.0019i	0.0065+0.0007i	-0.0054-0.0017i
2.2	--	-0.0550+0.0035i	0.0057-0.0036i	-0.0018+0.0038i	-0.0107-0.0017i	0.0032-0.0015i	0.0099-0.0006i	-0.0050+0.0022i
2.3	--	-0.1085+0.0359i	0.0112-0.0054i	0.0009-0.0019i	-0.0200+0.0028i	-0.0007-0.0028i	0.0200-0.0083i	-0.0002+0.0010i
2.4	--	0.0191+0.1969i	0.0011-0.0210i	-0.0072-0.0172i	0.0076+0.0328i	0.0005+0.0002i	-0.0020-0.0343i	0.0006+0.0011i
2.5	--	0.1543+0.1474i	-0.0131-0.0157i	-0.0142-0.0152i	0.0297+0.0207i	0.0011-0.0001i	-0.0265-0.0248i	0.0015+0.0019i
2.6	--	0.0887+0.0242i	-0.0080-0.0030i	-0.0095-0.0059i	0.0171-0.0011i	0.0001-0.0009i	-0.0145-0.0039i	0.0012+0.0007i
2.7	--	0.0644+0.0084i	-0.0055-0.0019i	-0.0094-0.0016i	0.0120-0.0024i	-0.0006-0.0008i	-0.0112-0.0011i	0.0008+0.0007i
2.8	--	0.0469+0.0062i	-0.0029-0.0031i	-0.0063+0.0033i	0.0115-0.0009i	-0.0000-0.0011i	-0.0077-0.0002i	0.0002+0.0014i
2.9	--	0.0380+0.0062i	-0.0020-0.0022i	-0.0088-0.0003i	0.0090-0.0001i	-0.0012-0.0008i	-0.0054+0.0001i	0.0010+0.0021i
3.0	--	0.0321+0.0046i	-0.0025-0.0013i	-0.0088-0.0038i	0.0082+0.0022i	-0.0019-0.0010i	-0.0056+0.0000i	0.0035+0.0027i
3.1	--	0.0266+0.0059i	-0.0013-0.0020i	-0.0093-0.0052i	0.0063-0.0009i	-0.0016+0.0001i	-0.0052+0.0005i	0.0013+0.0009i
3.2	--	0.0297+0.0090i	-0.0017-0.0019i	-0.0129+0.0037i	0.0009+0.0009i	-0.0018+0.0022i	-0.0023+0.0028i	0.0002-0.0005i
3.3	--	0.0295+0.0070i	-0.0023-0.0042i	-0.0055+0.0053i	-0.0015-0.0025i	-0.0025+0.0023i	-0.0017+0.0010i	-0.0004-0.0026i
3.4	--	0.0259+0.0044i	0.0006-0.0008i	-0.0113+0.0050i	0.0016-0.0017i	-0.0018+0.0012i	-0.0020-0.0025i	-0.0017-0.0023i
3.5	--	0.0219+0.0051i	0.0008-0.0009i	-0.0133+0.0005i	0.0096+0.0068i	-0.0042-0.0003i	-0.0032-0.0064i	-0.0014-0.0036i
3.6	--	0.0307+0.0102i	0.0019-0.0076i	-0.0121-0.0007i	0.0043-0.0029i	0.0011+0.0027i	0.0006+0.0027i	0.0020-0.0039i
3.7	--	0.0284-0.0043i	0.0004-0.0094i	-0.0126+0.0130i	-0.0042-0.0071i	0.0031+0.0000i	-0.0000+0.0047i	-0.0030-0.0021i
3.8	--	0.0246-0.0000i	-0.0011-0.0029i	-0.0149-0.0020i	-0.0004-0.0022i	0.0010+0.0003i	0.0011+0.0027i	-0.0018-0.0008i
3.9	--	0.0254-0.0008i	-0.0017-0.0023i	-0.0183+0.0003i	-0.0003+0.0001i	0.0018+0.0037i	0.0010+0.0002i	-0.0028-0.0037i
4.0	--	0.0255-0.0011i	-0.0013-0.0019i	-0.0200-0.0003i	0.0007+0.0003i	0.0053+0.0025i	0.0009-0.0003i	-0.0066-0.0029i
4.1	--	0.0250-0.0011i	-0.0011-0.0008i	-0.0203-0.0020i	0.0006+0.0001i	0.0077-0.0010i	0.0003-0.0008i	-0.0096+0.0000i
4.2	--	0.0258-0.0002i	-0.0012-0.0005i	-0.0224-0.0010i	0.0000+0.0022i	0.0086-0.0033i	0.0000-0.0001i	-0.0107+0.0033i
4.3	--	0.0270+0.0001i	-0.0016+0.0011i	-0.0242-0.0011i	0.0011+0.0057i	0.0096-0.0067i	-0.0003-0.0018i	-0.0114+0.0063i
4.4	--	0.0262-0.0012i	0.0001+0.0024i	-0.0288+0.0027i	0.0044+0.0088i	0.0068-0.0137i	-0.0024-0.0020i	-0.0098+0.0123i
4.5	--	0.0263-0.0024i	0.0002+0.0038i	-0.0333-0.0001i	0.0112+0.0111i	0.0093-0.0206i	-0.0081-0.0016i	-0.0094+0.0203i
4.6	--	0.0259-0.0003i	0.0010+0.0055i	-0.0367-0.0037i	0.0185+0.0051i	0.0114-0.0333i	-0.0103+0.0019i	-0.0118+0.0339i
4.7	--	0.0242+0.0064i	0.0076+0.0109i	-0.0351-0.0092i	0.0206-0.0117i	-0.0147-0.0573i	-0.0072+0.0175i	0.0122+0.0559i
4.8	--	0.0425+0.0036i	0.0250+0.0019i	-0.0329-0.0039i	-0.0072-0.0124i	-0.1089-0.0335i	0.0392+0.0079i	0.1010+0.0331i
4.9	--	0.0420-0.0061i	0.0229-0.0126i	-0.0356-0.0032i	-0.0047+0.0075i	-0.1033+0.0386i	0.0308-0.0252i	0.0966-0.0335i
5.0	--	0.0322+0.0013i	0.0011-0.0134i	-0.0419-0.0176i	0.0085-0.0069i	0.0019+0.0645i	-0.0053-0.0104i	-0.0052-0.0619i
5.1	--	0.0387+0.0026i	-0.0004-0.0099i	-0.0486-0.0164i	-0.0064-0.0134i	0.0046+0.0481i	0.0144-0.0083i	-0.0124-0.0482i
5.2	--	0.0458-0.0080i	-0.0009-0.0103i	-0.0617-0.0103i	-0.0206+0.0030i	0.0113+0.0516i	0.0237-0.0361i	-0.0214-0.0490i
5.3	--	0.0364-0.0300i	-0.0066-0.0101i	-0.0797+0.0060i	0.0003+0.0760i	0.0501+0.0551i	-0.0312-0.1059i	-0.0531-0.0411i
5.4	--	0.0012-0.0060i	-0.0089-0.0017i	-0.0428+0.0094i	0.1271+0.0169i	0.0553+0.0051i	-0.1600+0.0000i	-0.0391-0.0071i
5.5	--	0.0244+0.0172i	-0.0037+0.0048i	-0.0558-0.0075i	0.0784-0.0633i	0.0498-0.0212i	-0.0803+0.0902i	-0.0486+0.0067i
5.6	--	0.0329+0.0167i	-0.0029+0.0084i	-0.0580-0.0017i	0.0608-0.0694i	0.0523-0.0568i	-0.0544+0.0938i	-0.0547+0.0440i

5.7	--	0.0372+0.0174i	0.0050+0.0099i	-0.0603-0.0013i	0.0583-0.0840i	0.0104-0.0825i	-0.0384+0.1015i	-0.0146+0.0690i
5.8	--	0.0482+0.0222i	0.0089+0.0048i	-0.0700-0.0044i	0.0390-0.1115i	-0.0275-0.0611i	-0.0147+0.1202i	0.0195+0.0458i
5.9	--	0.0603+0.0231i	0.0124-0.0004i	-0.0750-0.0055i	0.0052-0.1229i	-0.0601-0.0349i	0.0261+0.1214i	0.0453+0.0181i
6.0	--	0.0717+0.0208i	0.0116-0.0082i	-0.0820-0.0054i	-0.0209-0.1164i	-0.0732+0.0163i	0.0462+0.0979i	0.0544-0.0313i
6.1	--	0.0798+0.0174i	0.0058-0.0110i	-0.0895-0.0033i	-0.0285-0.1135i	-0.0384+0.0450i	0.0430+0.0937i	0.0183-0.0590i
6.2	--	0.0943+0.0177i	-0.0010-0.0080i	-0.0983-0.0010i	-0.0454-0.1140i	0.0077+0.0418i	0.0518+0.1007i	-0.0329-0.0564i
6.3	--	0.1073+0.0174i	-0.0028-0.0055i	-0.1007+0.0027i	-0.0579-0.1113i	0.0208+0.0230i	0.0668+0.1006i	-0.0507-0.0370i
6.4	--	0.1224+0.0161i	-0.0032-0.0035i	-0.1085+0.0051i	-0.0725-0.1143i	0.0285+0.0083i	0.0880+0.1043i	-0.0639-0.0216i
6.5	--	0.1453+0.0130i	-0.0044-0.0031i	-0.1150+0.0118i	-0.0936-0.1150i	0.0299-0.0044i	0.1132+0.0994i	-0.0723-0.0076i
6.6	--	0.1815+0.0108i	-0.0075-0.0008i	-0.1166+0.0117i	-0.1088-0.1198i	0.0253-0.0304i	0.1272+0.0923i	-0.0747+0.0208i
6.7	--	0.2198+0.0051i	-0.0098+0.0003i	-0.1213+0.0083i	-0.1301-0.1347i	0.0095-0.0458i	0.1457+0.0953i	-0.0670+0.0374i
6.8	--	0.2976-0.0220i	-0.0146+0.0010i	-0.1373+0.0106i	-0.1894-0.1503i	-0.0155-0.0492i	0.1976+0.0947i	-0.0605+0.0452i
6.9	--	0.3825-0.0687i	-0.0203+0.0046i	-0.1493+0.0114i	-0.2419-0.1546i	-0.0322-0.0246i	0.2350+0.1006i	-0.0613+0.0275i
7.0	--	0.4944-0.2466i	-0.0267+0.0209i	-0.1676+0.0162i	-0.3676-0.1233i	-0.0000-0.0020i	0.3531+0.0733i	-0.1241+0.0375i
7.1	--	0.5194-0.4962i	-0.0248+0.0411i	-0.1854+0.0289i	-0.4950-0.0211i	0.0616-0.0403i	0.4860-0.0401i	-0.2023+0.1281i
7.2	--	0.1839-0.8031i	0.0055+0.0541i	-0.1744+0.0725i	-0.4763+0.3153i	-0.0833-0.2117i	0.4037-0.4428i	0.0088+0.3880i
7.3	--	-0.1559-0.8358i	0.0273+0.0536i	-0.1435+0.0627i	-0.2674+0.4914i	-0.2875-0.0869i	0.0856-0.5447i	0.3023+0.2725i
7.4	--	-0.4264-0.6584i	0.0494+0.0430i	-0.1557+0.0160i	-0.0288+0.4237i	-0.1783+0.1961i	-0.0939-0.3049i	0.2460-0.0714i
7.5	--	-0.4769-0.4137i	0.0534+0.0225i	-0.1900+0.0120i	0.0240+0.3041i	-0.0168+0.1650i	-0.0439-0.1958i	0.0792-0.0869i
7.6	--	-0.4189-0.2671i	0.0458+0.0092i	-0.2068+0.0184i	0.0152+0.2442i	0.0032+0.0841i	-0.0116-0.1877i	0.0441-0.0261i
7.7	--	-0.3532-0.2163i	0.0406+0.0053i	-0.2235+0.0128i	0.0063+0.2279i	-0.0011+0.0727i	-0.0011-0.1847i	0.0364-0.0216i
7.8	--	-0.3322-0.2070i	0.0382+0.0032i	-0.2634-0.0048i	0.0133+0.2263i	0.0205+0.0698i	0.0005-0.1924i	0.0096-0.0187i
7.9	--	-0.3500-0.1927i	0.0365+0.0020i	-0.3193-0.0075i	0.0341+0.2348i	0.0444+0.0513i	-0.0137-0.2098i	-0.0127+0.0007i
8.0	--	-0.3572-0.1483i	0.0347+0.0022i	-0.3510+0.0355i	0.0498+0.2268i	0.0196+0.0125i	-0.0390-0.2121i	0.0137+0.0364i
8.1	--	-0.3629-0.1304i	0.0331-0.0003i	-0.3826+0.0640i	0.0731+0.2478i	0.0063+0.0243i	-0.0604-0.2335i	0.0279+0.0267i
8.2	--	-0.3754-0.1090i	0.0334-0.0021i	-0.4261+0.0897i	0.1177+0.2575i	0.0148+0.0268i	-0.0988-0.2458i	0.0239+0.0226i
8.3	--	-0.3845-0.0786i	0.0314-0.0031i	-0.4612+0.1157i	0.1652+0.2379i	0.0175+0.0190i	-0.1467-0.2325i	0.0267+0.0263i
8.4	--	-0.3873-0.0554i	0.0302-0.0020i	-0.5028+0.1440i	0.1887+0.2011i	0.0172+0.0128i	-0.1720-0.2001i	0.0284+0.0264i
8.5	--	-0.3980-0.0353i	0.0293-0.0011i	-0.5569+0.1705i	0.2168+0.1694i	0.0145+0.0035i	-0.2041-0.1736i	0.0332+0.0306i
8.6	--	-0.4148-0.0115i	0.0286+0.0002i	-0.6321+0.2091i	0.2394+0.1388i	0.0058-0.0015i	-0.2275-0.1466i	0.0413+0.0316i
8.7	--	-0.4443+0.0193i	0.0272-0.0003i	-0.7366+0.2783i	0.2560+0.1043i	-0.0094-0.0022i	-0.2482-0.1166i	0.0563+0.0280i
8.8	--	-0.4811+0.0540i	0.0276+0.0008i	-0.8589+0.3629i	0.2722+0.0701i	-0.0191+0.0139i	-0.2670-0.0862i	0.0647+0.0077i
8.9	--	-0.5113+0.1136i	0.0254+0.0016i	-0.9670+0.5360i	0.2770+0.0296i	0.0016+0.0306i	-0.2903-0.0484i	0.0411-0.0118i
9.0	--	-0.5203+0.1917i	0.0250+0.0073i	-1.0029+0.7756i	0.2734-0.0023i	0.0131+0.0097i	-0.2922+0.0055i	0.0259+0.0077i
9.1	--	-0.5022+0.2726i	0.0343+0.0138i	-0.9453+0.9931i	0.2701-0.0386i	-0.0140-0.0053i	-0.2649+0.0589i	0.0519+0.0195i
9.2	--	-0.5673+0.3522i	0.0415+0.0125i	-1.1491+1.2363i	0.3004-0.0692i	-0.0215+0.0234i	-0.2822+0.0772i	0.0586-0.0073i
9.3	--	-0.5365+0.6232i	0.0461+0.0066i	-1.0211+2.0466i	0.3035-0.1791i	0.0012+0.0399i	-0.2915+0.1796i	0.0367-0.0232i
9.4	--	-0.2657+0.8167i	0.0518+0.0000i	-0.1818+2.5819i	0.2161-0.2751i	0.0271+0.0303i	-0.2030+0.2722i	0.0136-0.0141i
9.5	--	0.1276+0.7761i	0.0509-0.0096i	0.9812+2.3808i	0.0630-0.3095i	0.0378-0.0065i	-0.0540+0.2986i	0.0047+0.0165i
9.6	--	0.2486+0.5644i	0.0437-0.0110i	1.3026+1.7233i	-0.0075-0.2410i	0.0179-0.0209i	0.0119+0.2303i	0.0217+0.0277i
9.7	--	0.2807+0.3887i	0.0352-0.0084i	1.3664+1.1731i	-0.0396-0.1786i	-0.0029-0.0243i	0.0426+0.1702i	0.0389+0.0279i
9.8	--	0.2481+0.2761i	0.0330-0.0046i	1.2433+0.8330i	-0.0392-0.1359i	-0.0165-0.0163i	0.0413+0.1283i	0.0504+0.0193i
9.9	--	0.2085+0.1970i	0.0311-0.0018i	1.1045+0.6090i	-0.0314-0.1051i	-0.0251-0.0008i	0.0323+0.1020i	0.0586+0.0031i
10.0	--	0.1819+0.1573i	0.0302-0.0010i	0.9991+0.5041i	-0.0274-0.0992i	-0.0277+0.0045i	0.0270+0.0930i	0.0598-0.0056i
10.1	--	0.1491+0.1301i	0.0319+0.0043i	0.8864+0.4269i	-0.0266-0.0966i	-0.0239+0.0154i	0.0261+0.0930i	0.0531-0.0187i
10.2	--	0.1293+0.1161i	0.0327+0.0108i	0.8221+0.4044i	-0.0327-0.0967i	-0.0147+0.0225i	0.0343+0.0972i	0.0408-0.0249i
10.3	--	0.1141+0.1063i	0.0359+0.0135i	0.7774+0.3932i	-0.0411-0.0956i	-0.0050+0.0179i	0.0488+0.0943i	0.0283-0.0204i
10.4	--	0.1074+0.0967i	0.0398+0.0131i	0.7792+0.3711i	-0.0560-0.0739i	-0.0111+0.0095i	0.0636+0.0745i	0.0310-0.0075i
10.5	--	0.1066+0.0873i	0.0421+0.0160i	0.7915+0.3340i	-0.0579-0.0555i	-0.0168+0.0132i	0.0708+0.0568i	0.0363-0.0097i
10.6	--	0.1026+0.0732i	0.0438+0.0186i	0.7954+0.2851i	-0.0550-0.0456i	-0.0143+0.0167i	0.0705+0.0458i	0.0339-0.0123i
10.7	--	0.0965+0.0587i	0.0461+0.0201i	0.7775+0.2319i	-0.0513-0.0402i	-0.0128+0.0157i	0.0701+0.0370i	0.0309-0.0112i
10.8	--	0.0844+0.0489i	0.0481+0.0228i	0.7417+0.1822i	-0.0459-0.0355i	-0.0121+0.0134i	0.0675+0.0278i	0.0320-0.0091i
10.9	--	0.0717+0.0402i	0.0484+0.0255i	0.7008+0.1460i	-0.0433-0.0279i	-0.0133+0.0127i	0.0682+0.0195i	0.0301-0.0084i
11.0	--	0.0616+0.0349i	0.0520+0.0278i	0.6633+0.1281i	-0.0334-0.0260i	-0.0140+0.0124i	0.0695+0.0086i	0.0308-0.0085i
11.1	--	0.0553+0.0329i	0.0536+0.0304i	0.6473+0.1219i	-0.0301-0.0298i	-0.0141+0.0109i	0.0695+0.0003i	0.0306-0.0067i
11.2	--	0.0479+0.0296i	0.0550+0.0369i	0.6318+0.1173i	-0.0279-0.0394i	-0.0147+0.0090i	0.0685-0.0115i	0.0313-0.0048i
11.3	--	0.0376+0.0244i	0.0613+0.0431i	0.6105+0.1100i	-0.0349-0.0455i	-0.0164+0.0092i	0.0569-0.0219i	0.0327-0.0024i
11.4	--	0.0336+0.0238i	0.0659+0.0469i	0.6005+0.0992i	-0.0484-0.0479i	-0.0202+0.0069i	0.0458-0.0237i	0.0368-0.0007i
11.5	--	0.0282+0.0219i	0.0728+0.0464i	0.5819+0.0919i	-0.0582-0.0436i	-0.0235+0.0069i	0.0382-0.0218i	0.0388-0.0010i
11.6	--	0.0200+0.0219i	0.0779+0.0471i	0.5667+0.0844i	-0.0673-0.0349i	-0.0273+0.0074i	0.0334-0.0192i	0.0431-0.0023i
11.7	--	0.0137+0.0198i	0.0801+0.0489i	0.5628+0.0863i	-0.0719-0.0272i	-0.0314+0.0076i	0.0320-0.0152i	0.0458-0.0019i
11.8	--	0.0084+0.0175i	0.0811+0.0516i	0.5523+0.0886i	-0.0780-0.0225i	-0.0337+0.0076i	0.0313-0.0146i	0.0479-0.0006i
11.9	--	0.0026+0.0208i	0.0783+0.0583i	0.5428+0.0807i	-0.0803-0.0120i	-0.0377+0.0091i	0.0289-0.0129i	0.0503-0.0011i

12.0	--	-0.0024+0.0219i	0.0726+0.0660i	0.5398+0.0852i	-0.0822-0.0053i	-0.0432+0.0108i	0.0273-0.0110i	0.0543-0.0034i
12.1	--	-0.0062+0.0222i	0.0663+0.0796i	0.5344+0.0912i	-0.0851+0.0029i	-0.0503+0.0141i	0.0290-0.0095i	0.0598-0.0075i
12.2	--	-0.0097+0.0237i	0.0623+0.0990i	0.5372+0.0991i	-0.0882+0.0140i	-0.0527+0.0183i	0.0332-0.0067i	0.0610-0.0116i
12.3	--	-0.0126+0.0279i	0.0612+0.1289i	0.5381+0.1015i	-0.0885+0.0255i	-0.0575+0.0203i	0.0351-0.0053i	0.0641-0.0144i
12.4	--	-0.0171+0.0309i	0.0618+0.1658i	0.5630+0.1033i	-0.0868+0.0373i	-0.0626+0.0245i	0.0385-0.0040i	0.0702-0.0174i
12.5	--	-0.0204+0.0341i	0.0720+0.2133i	0.5837+0.0966i	-0.0816+0.0497i	-0.0681+0.0281i	0.0433-0.0016i	0.0728-0.0194i
12.6	--	-0.0220+0.0364i	0.0994+0.2610i	0.5994+0.0877i	-0.0777+0.0604i	-0.0737+0.0361i	0.0515-0.0020i	0.0762-0.0271i
12.7	--	-0.0247+0.0390i	0.1624+0.3186i	0.6238+0.0698i	-0.0755+0.0677i	-0.0780+0.0482i	0.0641-0.0095i	0.0760-0.0367i
12.8	--	-0.0294+0.0402i	0.2289+0.3747i	0.6403+0.0483i	-0.0678+0.0744i	-0.0785+0.0532i	0.0721-0.0149i	0.0739-0.0402i
12.9	--	-0.0291+0.0455i	0.3347+0.3856i	0.6540+0.0061i	-0.0583+0.0820i	-0.0835+0.0589i	0.0676-0.0241i	0.0792-0.0433i
13.0	--	-0.0310+0.0483i	0.4525+0.3632i	0.6615-0.0221i	-0.0474+0.0824i	-0.0870+0.0602i	0.0650-0.0366i	0.0828-0.0405i
13.1	--	-0.0321+0.0535i	0.5327+0.3236i	0.6509-0.0523i	-0.0352+0.0913i	-0.0868+0.0656i	0.0666-0.0436i	0.0813-0.0427i
13.2	--	-0.0332+0.0591i	0.6126+0.2637i	0.6394-0.0900i	-0.0205+0.1077i	-0.0989+0.0748i	0.0568-0.0594i	0.0939-0.0454i
13.3	--	-0.0342+0.0710i	0.6646+0.1840i	0.6156-0.1317i	0.0111+0.1055i	-0.1129+0.0841i	0.0350-0.0726i	0.1177-0.0521i
13.4	--	-0.0305+0.0799i	0.6914+0.1212i	0.5894-0.1645i	0.0261+0.0915i	-0.1235+0.1091i	0.0139-0.0599i	0.1319-0.0826i
13.5	--	-0.0194+0.0856i	0.6970+0.0711i	0.5540-0.1872i	0.0347+0.0942i	-0.1045+0.1397i	0.0157-0.0379i	0.1087-0.1158i
13.6	--	-0.0008+0.0885i	0.7005+0.0152i	0.4890-0.1973i	0.0478+0.0895i	-0.0837+0.1391i	0.0364-0.0314i	0.0839-0.1109i
13.7	--	0.0145+0.0858i	0.7066-0.0117i	0.4491-0.1772i	0.0604+0.0801i	-0.0806+0.1395i	0.0460-0.0300i	0.0811-0.1101i
13.8	--	0.0257+0.0761i	0.7139-0.0332i	0.4269-0.1484i	0.0724+0.0638i	-0.0859+0.1392i	0.0512-0.0358i	0.0865-0.1082i
13.9	--	0.0306+0.0624i	0.7311-0.0426i	0.4176-0.1220i	0.0840+0.0593i	-0.0842+0.1542i	0.0624-0.0354i	0.0832-0.1255i
14.0	--	0.0284+0.0425i	0.7698-0.0477i	0.4231-0.0875i	0.0868+0.0480i	-0.0969+0.1755i	0.0660-0.0364i	0.0984-0.1474i
14.1	--	0.0227+0.0390i	0.8186-0.0652i	0.4204-0.0881i	0.0913+0.0261i	-0.1056+0.1890i	0.0640-0.0379i	0.1068-0.1600i
14.2	--	0.0190+0.0251i	0.8643-0.0937i	0.4326-0.0657i	0.1002+0.0129i	-0.1013+0.2107i	0.0740-0.0372i	0.0963-0.1837i
14.3	--	0.0062+0.0050i	0.9236-0.1133i	0.4575-0.0445i	0.0906-0.0025i	-0.1109+0.2413i	0.0838-0.0315i	0.1033-0.2159i
14.4	--	-0.0058+0.0015i	1.0060-0.1487i	0.4746-0.0534i	0.0937-0.0136i	-0.1133+0.2717i	0.0981-0.0345i	0.1005-0.2432i
14.5	--	-0.0175-0.0040i	1.0760-0.1918i	0.5076-0.0663i	0.0888-0.0182i	-0.1160+0.3189i	0.1091-0.0348i	0.1017-0.2894i
14.6	--	-0.0394-0.0107i	1.1426-0.2444i	0.5348-0.0893i	0.0785-0.0240i	-0.1142+0.3765i	0.1175-0.0372i	0.0953-0.3464i
14.7	--	-0.0756-0.0103i	1.2262-0.3539i	0.5206-0.1480i	0.0795-0.0529i	-0.0613+0.4632i	0.1402-0.0452i	0.0332-0.4311i
14.8	--	-0.1223+0.0211i	1.2594-0.4189i	0.4894-0.2132i	0.0532-0.0620i	0.0040+0.5058i	0.1358-0.0599i	-0.0285-0.4680i
14.9	--	-0.1526+0.0840i	1.2995-0.4696i	0.4271-0.2393i	0.0367-0.0658i	0.1243+0.4765i	0.1869-0.0548i	-0.1625-0.4415i
15.0	--	-0.1488+0.1764i	1.3644-0.4220i	0.3749-0.2798i	0.0340-0.0324i	0.1843+0.4288i	0.2335-0.0628i	-0.2409-0.3949i
15.1	--	-0.0812+0.2570i	1.5865-0.3870i	0.2786-0.3071i	0.0485+0.0173i	0.1801+0.3934i	0.2726-0.1085i	-0.2531-0.3460i
15.2	--	0.0573+0.2483i	1.9111-0.5771i	0.0955-0.2221i	0.1236+0.0108i	0.1468+0.3336i	0.2730-0.2089i	-0.2239-0.2520i
15.3	--	0.1652+0.1918i	2.2813-0.8277i	-0.0627-0.0707i	0.1802-0.0005i	0.0878+0.3895i	0.2740-0.2321i	-0.1717-0.2951i
15.4	--	0.2184+0.1079i	2.6593-1.2338i	-0.1561+0.1217i	0.3131-0.0519i	0.1107+0.4838i	0.3145-0.2755i	-0.2115-0.3732i
15.5	--	0.2279+0.0039i	2.9277-1.9236i	-0.1253+0.4002i	0.4068-0.1581i	0.1924+0.6513i	0.3876-0.3173i	-0.3175-0.5193i
15.6	--	0.2344-0.1271i	3.1714-3.1514i	-0.0261+0.8450i	0.4704-0.3359i	0.3805+0.9405i	0.5400-0.4166i	-0.5461-0.7701i
15.7	--	0.2127-0.2215i	3.0358-4.2627i	0.1291+1.1847i	0.5129-0.5752i	0.6728+1.0707i	0.6197-0.6088i	-0.8570-0.8392i
15.8	--	0.0464-0.3556i	1.3364-5.7000i	0.8660+1.4816i	0.2033-1.0488i	1.2553+0.8322i	0.4356-0.9867i	-1.3742-0.4835i
15.9	--	-0.1618-0.3581i	-0.7640-5.8579i	1.6586+1.2255i	-0.3902-1.2154i	1.5706+0.1930i	0.1001-1.3299i	-1.5855+0.2563i
16.0	--	-0.2726-0.2364i	-2.1071-4.8089i	1.9293+0.5725i	-0.7864-0.8721i	1.3865-0.3222i	-0.3664-1.4081i	-1.2715+0.7843i
16.1	--	-0.2939-0.1265i	-2.6596-3.7047i	1.8578+0.0895i	-0.9139-0.5439i	1.0854-0.6018i	-0.7848-1.2785i	-0.8596+1.0220i
16.2	--	-0.2788-0.0810i	-2.6691-2.9994i	1.7263-0.0843i	-0.9487-0.3523i	0.8105-0.6609i	-0.9941-1.0502i	-0.5290+1.0200i
16.3	--	-0.2673-0.0504i	-2.4146-2.3200i	1.5744-0.2271i	-0.8601-0.1484i	0.6274-0.6583i	-1.1336-0.7232i	-0.3233+0.9395i
16.4	--	-0.2749-0.0436i	-2.1908-1.9512i	1.5130-0.2852i	-0.7618+0.0103i	0.5278-0.5816i	-1.2143-0.4591i	-0.2109+0.8022i
16.5	--	-0.3180-0.0544i	-1.9958-1.7343i	1.5420-0.2786i	-0.6885+0.0554i	0.4337-0.5673i	-1.3003-0.1663i	-0.1029+0.7332i
16.6	--	-0.3917-0.0272i	-1.8691-1.6955i	1.6999-0.3241i	-0.7297+0.0241i	0.3269-0.5658i	-1.1995+0.1042i	-0.0069+0.6850i
16.7	--	-0.4530+0.0760i	-1.8237-1.7286i	1.8609-0.6307i	-0.8058+0.2236i	0.2483-0.4600i	-1.0114+0.2707i	0.0456+0.5478i
16.8	--	-0.4439+0.2485i	-2.0100-1.7320i	1.7471-1.1153i	-0.5139+0.4019i	0.3991-0.4083i	-0.8069+0.3489i	-0.1421+0.4941i
16.9	--	-0.3627+0.3458i	-2.1726-1.5251i	1.5180-1.4240i	-0.4030+0.2520i	0.4520-0.6126i	-0.7603+0.2824i	-0.1817+0.7236i
17.0	--	-0.2694+0.3820i	-2.1550-1.3595i	1.1443-1.5300i	-0.5214+0.1332i	0.3114-0.7657i	-0.8503+0.5108i	-0.0232+0.8419i
17.1	--	-0.1942+0.4190i	-2.2062-1.2571i	0.8090-1.6091i	-0.6526+0.2307i	-0.2173-0.9605i	-0.4928+0.8336i	0.5514+1.0199i
17.2	--	-0.1000+0.4142i	-2.2219-1.0402i	0.5651-1.5113i	-0.8328+0.3770i	-0.5464-0.5287i	-0.2832+0.5889i	0.8962+0.5353i
17.3	--	-0.0283+0.3538i	-2.1051-0.8766i	0.3532-1.3558i	-0.7491+0.7845i	-0.3620-0.1372i	-0.3476+0.5156i	0.6889+0.1007i
17.4	--	-0.0005+0.2933i	-2.0230-0.8285i	0.1739-1.1092i	-0.2735+0.9584i	-0.0721-0.0769i	-0.3180+0.7008i	0.3796-0.0026i
17.5	--	-0.0063+0.2588i	-2.0251-0.7923i	0.2375-0.9131i	-0.0079+0.6610i	-0.0109-0.2196i	-0.0079+0.7146i	0.2769+0.1203i
17.6	--	-0.0212+0.2416i	-2.0030-0.7106i	0.3824-0.8719i	-0.1518+0.3910i	-0.1111-0.2403i	0.1726+0.4525i	0.3394+0.1422i
17.7	--	-0.0172+0.2369i	-1.9626-0.6852i	0.3716-0.9144i	-0.2423+0.4779i	-0.0845-0.1646i	0.1306+0.3295i	0.2947+0.0658i
17.8	--	-0.0093+0.2154i	-1.9576-0.6787i	0.3406-0.8932i	-0.2421+0.5980i	-0.0457-0.1541i	0.0741+0.2406i	0.2296+0.0642i
17.9	--	-0.0052+0.2019i	-1.9852-0.6589i	0.3409-0.8785i	-0.2282+0.6645i	-0.0604-0.1583i	0.0340+0.2039i	0.2295+0.0782i
18.0	--	-0.0102+0.1935i	-2.0220-0.6205i	0.3468-0.9111i	-0.1533+0.7136i	-0.0685-0.1430i	-0.0052+0.1790i	0.2337+0.0779i
18.1	--	-0.0187+0.1865i	-2.0585-0.5755i	0.3103-0.9745i	-0.0080+0.7222i	-0.0370-0.1398i	-0.0152+0.1649i	0.2057+0.0885i
18.2	--	-0.0205+0.1820i	-2.0750-0.5242i	0.2047-1.0066i	0.0914+0.7108i	-0.0252-0.1340i	-0.0393+0.1996i	0.2042+0.0833i

18.3	--	-0.0199+0.1720i	-2.0997-0.4774i	0.0444-0.9835i	0.1696+0.6884i	-0.0317-0.1129i	-0.0070+0.2199i	0.2270+0.0620i
18.4	--	-0.0051+0.1401i	-2.1213-0.4069i	-0.2083-0.8045i	0.2359+0.6054i	-0.0278-0.0949i	0.0019+0.1941i	0.2605+0.0356i
18.5	--	-0.0389+0.0912i	-2.1266-0.3650i	-0.2791-0.3913i	0.2501+0.4823i	-0.0199-0.1273i	-0.0145+0.1555i	0.2908+0.0137i
18.6	--	-0.1630+0.0746i	-2.1512-0.3677i	0.2974+0.1433i	0.1802+0.3594i	-0.0410-0.1962i	-0.0360+0.1424i	0.2753-0.0293i
18.7	--	-0.2116+0.2007i	-2.2459-0.3415i	0.9178-0.3688i	0.1409+0.4215i	-0.0965-0.1713i	-0.0151+0.1718i	0.1910-0.0546i
18.8	--	-0.1696+0.2743i	-2.3255-0.2604i	0.8198-0.8594i	0.1837+0.4512i	-0.1067-0.1222i	0.0175+0.1870i	0.1481-0.0450i
18.9	--	-0.1371+0.2928i	-2.3774-0.1853i	0.6560-0.9894i	0.2085+0.4503i	-0.1033-0.0869i	0.0310+0.1930i	0.1358-0.0518i
19.0	--	-0.0984+0.3050i	-2.4106-0.0759i	0.4792-1.0553i	0.2098+0.4206i	-0.1035-0.0630i	0.0299+0.1783i	0.1337-0.0461i
19.1	--	-0.0704+0.3065i	-2.4617+0.0418i	0.3500-1.0760i	0.2052+0.3621i	-0.1014-0.0598i	0.0482+0.1365i	0.1283-0.0157i
19.2	--	-0.0601+0.3065i	-2.4808+0.1074i	0.3082-1.0944i	0.1978+0.3982i	-0.0901-0.0228i	0.0613+0.1483i	0.1168-0.0391i
19.3	--	-0.0498+0.3108i	-2.5240+0.2329i	0.2607-1.1194i	0.2223+0.4110i	-0.0721-0.0031i	0.0658+0.1238i	0.1101-0.0387i
19.4	--	-0.0423+0.3170i	-2.5344+0.3219i	0.2133-1.1466i	0.2429+0.3931i	-0.0632-0.0093i	0.0624+0.0946i	0.1033-0.0203i
19.5	--	-0.0254+0.3223i	-2.5369+0.4475i	0.1321-1.1903i	0.2700+0.3838i	-0.0482+0.0022i	0.0476+0.0795i	0.0948-0.0217i
19.6	--	-0.0081+0.3197i	-2.5426+0.5354i	0.0362-1.1942i	0.2905+0.3748i	-0.0336+0.0032i	0.0415+0.0842i	0.0890-0.0121i
19.7	--	0.0031+0.3168i	-2.5471+0.6154i	-0.0588-1.2000i	0.3225+0.3638i	-0.0175+0.0081i	0.0491+0.0973i	0.0812-0.0114i
19.8	--	0.0087+0.3137i	-2.5300+0.6921i	-0.1405-1.2068i	0.3417+0.3376i	-0.0115+0.0033i	0.0570+0.0829i	0.0838-0.0032i
19.9	--	0.0146+0.3120i	-2.5321+0.7794i	-0.2640-1.1946i	0.3569+0.3094i	-0.0072+0.0038i	0.0657+0.0667i	0.0927-0.0024i
20.0	--	0.0197+0.3129i	-2.5510+0.8457i	-0.3788-1.1559i	0.3639+0.2926i	-0.0084+0.0108i	0.0630+0.0597i	0.1070-0.0070i
20.1	--	0.0300+0.3193i	-2.5464+0.8928i	-0.5178-1.0914i	0.3645+0.2714i	-0.0093+0.0147i	0.0550+0.0493i	0.1164-0.0160i
20.2	--	0.0412+0.3214i	-2.6017+0.9877i	-0.6233-0.9910i	0.3715+0.2520i	-0.0061+0.0207i	0.0469+0.0341i	0.1185-0.0311i
20.3	--	0.0465+0.3177i	-2.6901+1.0709i	-0.6745-0.8847i	0.3837+0.2337i	0.0014+0.0299i	0.0432+0.0272i	0.1107-0.0462i
20.4	--	0.0510+0.3130i	-2.7739+1.2179i	-0.7167-0.7550i	0.3751+0.2160i	0.0033+0.0461i	0.0129+0.0304i	0.1059-0.0697i
20.5	--	0.0596+0.3127i	-2.8353+1.4558i	-0.7675-0.6424i	0.3728+0.1934i	0.0115+0.0434i	0.0008+0.0273i	0.0991-0.0623i
20.6	--	0.0620+0.3113i	-2.8238+1.7779i	-0.7622-0.5012i	0.3782+0.1631i	0.0269+0.0459i	0.0022+0.0161i	0.0882-0.0616i
20.7	--	0.0648+0.3085i	-2.7566+2.0081i	-0.7701-0.3940i	0.3930+0.1310i	0.0528+0.0606i	0.0003+0.0052i	0.0607-0.0891i
20.8	--	0.0701+0.3112i	-2.6169+2.1982i	-0.7468-0.2847i	0.3762+0.1028i	0.0787+0.0552i	-0.0316-0.0005i	0.0269-0.0873i
20.9	--	0.0762+0.3140i	-2.4352+2.3467i	-0.7128-0.2423i	0.3629+0.0963i	0.1034+0.0276i	-0.0617+0.0397i	-0.0052-0.0454i
21.0	--	0.0818+0.3117i	-2.2449+2.4687i	-0.7395-0.1423i	0.3569+0.0841i	0.1198+0.0140i	-0.0623+0.0657i	-0.0179-0.0280i
21.1	--	0.0874+0.3071i	-2.0215+2.5266i	-0.7245-0.0041i	0.3474+0.0730i	0.1222+0.0068i	-0.0563+0.0794i	-0.0116-0.0242i
21.2	--	0.0911+0.3069i	-1.8247+2.4808i	-0.6599+0.1370i	0.3344+0.0572i	0.1265-0.0124i	-0.0564+0.0953i	-0.0179-0.0102i
21.3	--	0.0907+0.3112i	-1.7898+2.4358i	-0.5405+0.2565i	0.3269+0.0418i	0.1368-0.0348i	-0.0413+0.1175i	-0.0364+0.0144i
21.4	--	0.1010+0.3145i	-1.7637+2.3979i	-0.4193+0.2968i	0.3062+0.0397i	0.1251-0.0471i	-0.0321+0.1345i	-0.0230+0.0288i
21.5	--	0.1097+0.3100i	-1.7745+2.3663i	-0.3202+0.3375i	0.2765+0.0284i	0.1249-0.0586i	-0.0237+0.1477i	-0.0294+0.0385i
21.6	--	0.1123+0.3054i	-1.8085+2.3801i	-0.2219+0.3979i	0.2604+0.0275i	0.1125-0.0620i	-0.0007+0.1562i	-0.0236+0.0413i
21.7	--	0.1127+0.3014i	-1.8372+2.3763i	-0.0960+0.4410i	0.2215+0.0369i	0.1148-0.0791i	0.0037+0.1540i	-0.0383+0.0754i
21.8	--	0.1025+0.3027i	-1.9861+2.4946i	0.0221+0.4377i	0.1980+0.0693i	0.1097-0.0962i	0.0163+0.1628i	-0.0342+0.1143i
21.9	--	0.0958+0.3124i	-2.1268+2.6846i	0.1563+0.4272i	0.2012+0.1078i	0.1079-0.1206i	0.0302+0.1893i	-0.0285+0.1701i
22.0	--	0.0841+0.3212i	-2.2891+2.9142i	0.2922+0.3562i	0.2111+0.1303i	0.1055-0.1385i	0.0309+0.2098i	-0.0206+0.2181i
22.1	--	0.0831+0.3333i	-2.4267+3.2123i	0.3884+0.2804i	0.2633+0.1533i	0.0620-0.1414i	0.0856+0.1931i	0.0604+0.2234i
22.2	--	0.0862+0.3534i	-2.5206+3.6554i	0.4434+0.1818i	0.3077+0.1518i	0.0342-0.1353i	0.1177+0.1788i	0.1156+0.2150i
22.3	--	0.0888+0.3721i	-2.6262+4.1906i	0.4511+0.1093i	0.3447+0.1385i	0.0195-0.1182i	0.1392+0.1630i	0.1470+0.1938i
22.4	--	0.0949+0.3908i	-2.5418+4.9697i	0.4715+0.0750i	0.3698+0.1012i	0.0198-0.0916i	0.1402+0.1300i	0.1486+0.1541i
22.5	--	0.1128+0.4141i	-2.0827+5.6197i	0.4699+0.0171i	0.3742+0.0751i	0.0189-0.0799i	0.1389+0.1132i	0.1614+0.1460i
22.6	--	0.1458+0.4525i	-1.2265+6.6265i	0.4876-0.0580i	0.3870+0.0280i	0.0151-0.0768i	0.1455+0.0979i	0.1897+0.1519i
22.7	--	0.1829+0.4676i	-0.2644+7.0231i	0.4777-0.0870i	0.3752-0.0081i	0.0162-0.0785i	0.1497+0.0992i	0.2065+0.1539i
22.8	--	0.2360+0.4740i	0.8950+7.1626i	0.4381-0.1123i	0.3475-0.0210i	0.0104-0.0889i	0.1789+0.1223i	0.2458+0.1684i
22.9	--	0.2925+0.4588i	2.1727+6.8509i	0.4005-0.0759i	0.3294-0.0200i	-0.0195-0.0736i	0.2250+0.0943i	0.3201+0.1141i
23.0	--	0.3316+0.4374i	3.0888+6.3157i	0.3979+0.0260i	0.3339-0.0221i	-0.0557-0.0265i	0.2586+0.0163i	0.3908-0.0210i
23.1	--	0.3713+0.3957i	3.8394+5.4349i	0.5252+0.0648i	0.3254-0.0284i	-0.0246+0.0340i	0.2051-0.0487i	0.3094-0.1430i
23.2	--	0.3914+0.3412i	4.2661+4.5133i	0.6157+0.0201i	0.3098-0.0279i	0.0275+0.0340i	0.1547-0.0457i	0.2138-0.1177i
23.3	--	0.3869+0.3082i	4.3374+3.8409i	0.6501-0.0392i	0.3119-0.0226i	0.0484+0.0245i	0.1507-0.0323i	0.1855-0.0990i
23.4	--	0.3809+0.2755i	4.3749+3.0991i	0.6985-0.1188i	0.3244-0.0280i	0.0667+0.0133i	0.1470-0.0210i	0.1642-0.0860i
23.5	--	0.3718+0.2454i	4.2800+2.4961i	0.7227-0.1653i	0.3237-0.0400i	0.0713+0.0025i	0.1433-0.0285i	0.1579-0.0768i
23.6	--	0.3543+0.2239i	4.0995+1.9600i	0.7722-0.2251i	0.3330-0.0398i	0.0837+0.0108i	0.1367-0.0369i	0.1397-0.0925i
23.7	--	0.3419+0.2112i	3.9094+1.5445i	0.7843-0.2949i	0.3294-0.0477i	0.1003+0.0141i	0.1251-0.0391i	0.1068-0.1029i
23.8	--	0.3300+0.1992i	3.6910+1.2164i	0.7561-0.3659i	0.3148-0.0616i	0.1161+0.0047i	0.1155-0.0285i	0.0858-0.0804i
23.9	--	0.3198+0.1978i	3.5110+1.0146i	0.7395-0.4268i	0.3090-0.0753i	0.1302-0.0060i	0.1066-0.0216i	0.0693-0.0559i
24.0	--	0.3135+0.1919i	3.2679+0.7960i	0.6723-0.4553i	0.2877-0.0796i	0.1421-0.0293i	0.1079-0.0026i	0.0583-0.0162i
24.1	--	0.3041+0.1932i	3.1152+0.6141i	0.6376-0.4782i	0.2759-0.0697i	0.1539-0.0493i	0.1082+0.0105i	0.0508+0.0100i
24.2	--	0.2997+0.1877i	2.9070+0.4459i	0.6107-0.4844i	0.2769-0.0529i	0.1470-0.0674i	0.1350+0.0332i	0.0844+0.0325i
24.3	--	0.2952+0.1795i	2.7418+0.3695i	0.6001-0.4386i	0.2931-0.0400i	0.1402-0.0825i	0.1797+0.0368i	0.1202+0.0418i
24.4	--	0.2862+0.1713i	2.5780+0.2948i	0.6133-0.3936i	0.3134-0.0354i	0.1343-0.0904i	0.2134+0.0151i	0.1441+0.0388i
24.5	--	0.2715+0.1669i	2.4459+0.1936i	0.6654-0.3756i	0.3390-0.0557i	0.1265-0.0926i	0.2255-0.0234i	0.1767+0.0175i

24.6	--	0.2630+0.1655i	2.3210+0.1234i	0.7129-0.3581i	0.3527-0.0866i	0.1236-0.0994i	0.2302-0.0505i	0.1775-0.0001i
24.7	--	0.2557+0.1710i	2.1858+0.0688i	0.8010-0.3469i	0.3429-0.1131i	0.1271-0.1050i	0.2331-0.0797i	0.1463-0.0088i
24.8	--	0.2480+0.1747i	2.0982+0.0194i	0.8921-0.3840i	0.3304-0.1239i	0.1355-0.1070i	0.2119-0.0880i	0.1092-0.0058i
24.9	--	0.2335+0.1795i	1.9685-0.0147i	0.9897-0.4919i	0.3276-0.1467i	0.1346-0.1202i	0.1954-0.1092i	0.1168+0.0091i
25.0	--	0.2238+0.1914i	1.8647-0.0406i	1.0464-0.6247i	0.3479-0.1685i	0.1406-0.1293i	0.1934-0.1100i	0.1150+0.0215i
25.1	--	0.2287+0.2075i	1.7816-0.0515i	1.0325-0.7389i	0.3250-0.1813i	0.1405-0.1422i	0.1920-0.1127i	0.1033+0.0465i
25.2	--	0.2338+0.2143i	1.7118-0.0564i	0.9938-0.8059i	0.2967-0.1802i	0.1311-0.1509i	0.2012-0.1179i	0.1140+0.0642i
25.3	--	0.2313+0.2217i	1.6090-0.0746i	0.9512-0.9182i	0.2975-0.1582i	0.1302-0.1475i	0.2034-0.1233i	0.1270+0.0709i
25.4	--	0.2305+0.2331i	1.5294-0.1038i	0.9514-0.9723i	0.3045-0.1559i	0.1439-0.1564i	0.2176-0.1290i	0.1117+0.0906i
25.5	--	0.2291+0.2399i	1.4608-0.1245i	0.9637-1.0116i	0.3087-0.1525i	0.1544-0.1750i	0.2312-0.1525i	0.1150+0.1313i
25.6	--	0.2300+0.2530i	1.3821-0.1313i	0.9655-1.1162i	0.3360-0.1478i	0.1651-0.2076i	0.2278-0.1638i	0.1370+0.1908i
25.7	--	0.2364+0.2789i	1.2941-0.1377i	0.9198-1.2574i	0.3467-0.1854i	0.1406-0.2551i	0.2432-0.1908i	0.2272+0.2347i
25.8	--	0.2461+0.3049i	1.2366-0.1398i	0.8493-1.4099i	0.3663-0.2187i	0.1066-0.2853i	0.2860-0.2288i	0.3418+0.2425i
25.9	--	0.2762+0.3262i	1.1322-0.1218i	0.6738-1.4998i	0.4156-0.2669i	0.0597-0.3054i	0.3319-0.3141i	0.4573+0.1834i
26.0	--	0.3094+0.3296i	1.0533-0.1113i	0.5498-1.5106i	0.4011-0.3291i	0.0091-0.3021i	0.3066-0.3888i	0.5072+0.0960i
26.1	--	0.3366+0.3260i	0.9667-0.0726i	0.4498-1.5452i	0.3358-0.4391i	-0.0203-0.2951i	0.2281-0.4628i	0.4974+0.0160i
26.2	--	0.3643+0.3019i	0.9086-0.0240i	0.3094-1.5245i	0.2669-0.4507i	-0.0396-0.2777i	0.1552-0.4803i	0.4918-0.0235i
26.3	--	0.3799+0.2815i	0.8491+0.0172i	0.1587-1.4782i	0.2031-0.4499i	-0.0628-0.2650i	0.0962-0.4903i	0.5096-0.0688i
26.4	--	0.3905+0.2576i	0.7870+0.0733i	0.0296-1.3725i	0.1214-0.4493i	-0.0912-0.2429i	0.0259-0.5262i	0.5132-0.1239i
26.5	--	0.3857+0.2322i	0.7347+0.1284i	-0.0011-1.2472i	0.0552-0.4175i	-0.1107-0.2153i	-0.0408-0.5238i	0.4922-0.1620i
26.6	--	0.3711+0.2186i	0.7112+0.1954i	0.0115-1.1257i	0.0123-0.3886i	-0.1202-0.2050i	-0.1183-0.4875i	0.4493-0.1950i
26.7	--	0.3591+0.2152i	0.6777+0.2589i	0.0399-1.0393i	-0.0150-0.3307i	-0.1255-0.1829i	-0.1766-0.4601i	0.4245-0.2356i
26.8	--	0.3487+0.2185i	0.6259+0.3138i	0.1021-0.9942i	-0.0311-0.2772i	-0.1350-0.1594i	-0.2285-0.4306i	0.4109-0.2555i
26.9	--	0.3396+0.2258i	0.5416+0.3772i	0.1686-0.9931i	-0.0231-0.2315i	-0.1473-0.1409i	-0.2914-0.3648i	0.4122-0.2599i
27.0	--	0.3355+0.2322i	0.5036+0.4886i	0.1877-1.0174i	0.0237-0.2403i	-0.1413-0.1293i	-0.3140-0.3117i	0.4146-0.2773i
27.1	--	0.3292+0.2381i	0.4672+0.6169i	0.1900-0.9828i	0.0566-0.2328i	-0.1311-0.1069i	-0.2907-0.2507i	0.4084-0.3030i
27.2	--	0.3245+0.2490i	0.4761+0.7921i	0.2295-0.9426i	0.0392-0.2353i	-0.1266-0.0823i	-0.2639-0.2090i	0.3877-0.3384i
27.3	--	0.3266+0.2694i	0.5346+0.9942i	0.2997-0.9176i	-0.0245-0.2365i	-0.1226-0.0683i	-0.2575-0.1738i	0.3255-0.3601i
27.4	--	0.3346+0.2969i	0.6435+1.1521i	0.3938-0.9635i	-0.0579-0.1936i	-0.1167-0.0560i	-0.2453-0.1330i	0.2768-0.3569i
27.5	--	0.3517+0.3155i	0.8034+1.2782i	0.4379-1.0288i	-0.0660-0.1907i	-0.1090-0.0552i	-0.2371-0.1170i	0.2337-0.3514i
27.6	--	0.3686+0.3331i	0.9731+1.3967i	0.4948-1.0822i	-0.0534-0.1663i	-0.0989-0.0437i	-0.2294-0.1037i	0.2077-0.3502i
27.7	--	0.4063+0.3492i	1.2231+1.4777i	0.5027-1.1639i	-0.0458-0.1105i	-0.0887-0.0336i	-0.2018-0.0715i	0.1988-0.3064i
27.8	--	0.4413+0.3589i	1.4324+1.5297i	0.5279-1.2287i	-0.0402-0.0710i	-0.0817-0.0311i	-0.1728-0.0322i	0.1893-0.2613i
27.9	--	0.4580+0.3524i	1.6183+1.4540i	0.5604-1.3185i	-0.0122-0.0720i	-0.0855-0.0415i	-0.1473-0.0220i	0.2266-0.2421i
28.0	--	0.4788+0.3493i	1.8316+1.3482i	0.5906-1.4400i	0.0097-0.0614i	-0.0942-0.0363i	-0.0950-0.0254i	0.2579-0.2373i
28.1	--	0.5043+0.3689i	1.9763+1.2541i	0.5494-1.6846i	0.0330-0.0353i	-0.0981-0.0223i	-0.0498-0.0502i	0.2868-0.2364i
28.2	--	0.5630+0.3913i	2.1068+1.1262i	0.3014-1.9190i	0.1015-0.0171i	-0.0855-0.0141i	-0.0424-0.0928i	0.3152-0.2469i
28.3	--	0.6336+0.3617i	2.1926+1.0211i	-0.0053-1.8650i	0.1699-0.0340i	-0.0747-0.0071i	-0.0453-0.1027i	0.3521-0.2843i
28.4	--	0.6563+0.2930i	2.2456+0.9000i	-0.0954-1.6321i	0.1897-0.0987i	-0.0669-0.0047i	-0.0404-0.1243i	0.3538-0.3334i
28.5	--	0.6673+0.2640i	2.2944+0.8107i	-0.0958-1.5348i	0.1917-0.1317i	-0.0683-0.0020i	-0.0337-0.1432i	0.3588-0.3619i
28.6	--	0.6757+0.2348i	2.3421+0.7109i	-0.0299-1.5260i	0.1915-0.1561i	-0.0733+0.0029i	-0.0369-0.1465i	0.3488-0.3905i
28.7	--	0.6834+0.2108i	2.3950+0.6314i	-0.0097-1.5576i	0.1817-0.1756i	-0.0721+0.0130i	-0.0196-0.1546i	0.3578-0.4129i
28.8	--	0.6859+0.1891i	2.4135+0.5707i	-0.0490-1.5888i	0.2098-0.2054i	-0.0528+0.0173i	-0.0080-0.1857i	0.3544-0.4545i
28.9	--	0.6903+0.1663i	2.4436+0.5128i	-0.0757-1.5814i	0.2107-0.2368i	-0.0479+0.0226i	-0.0082-0.2130i	0.3490-0.4833i
29.0	--	0.6933+0.1376i	2.4917+0.4259i	-0.0755-1.5941i	0.1988-0.2617i	-0.0405+0.0249i	-0.0175-0.2329i	0.3324-0.5198i
29.1	--	0.6958+0.1202i	2.5443+0.3757i	-0.0859-1.6144i	0.2035-0.2907i	-0.0366+0.0309i	-0.0215-0.2394i	0.3182-0.5527i
29.2	--	0.6973+0.1120i	2.5906+0.3309i	-0.1437-1.6485i	0.1896-0.3352i	-0.0337+0.0305i	-0.0336-0.2675i	0.2960-0.5959i
29.3	--	0.6959+0.1020i	2.6321+0.2578i	-0.1864-1.6683i	0.1790-0.3762i	-0.0262+0.0310i	-0.0379-0.2969i	0.2791-0.6439i
29.4	--	0.6926+0.0849i	2.6755+0.1823i	-0.2258-1.6881i	0.1473-0.4133i	-0.0136+0.0343i	-0.0589-0.3423i	0.2368-0.6871i
29.5	--	0.6946+0.0600i	2.7491+0.1170i	-0.2834-1.7086i	0.1077-0.4443i	-0.0006+0.0428i	-0.0779-0.3767i	0.1859-0.7165i
29.6	--	0.6934+0.0396i	2.8153+0.0302i	-0.3174-1.7077i	0.0614-0.4488i	0.0068+0.0431i	-0.0916-0.3827i	0.1438-0.7130i
29.7	--	0.7008+0.0384i	2.8920-0.0362i	-0.3726-1.7364i	0.0250-0.4634i	0.0070+0.0429i	-0.1311-0.4204i	0.0970-0.7507i
29.8	--	0.7030+0.0356i	2.9450-0.1072i	-0.4203-1.7788i	-0.0052-0.4922i	0.0113+0.0379i	-0.1572-0.4680i	0.0744-0.7784i
29.9	--	0.7098+0.0359i	2.9886-0.2030i	-0.4385-1.8423i	-0.0219-0.5078i	0.0138+0.0323i	-0.1833-0.4877i	0.0357-0.8118i
30.0	--	0.7132+0.0098i	3.0966-0.3325i	-0.4844-1.8365i	-0.1162-0.5150i	0.0108+0.0495i	-0.3192-0.4790i	-0.0807-0.8192i
30.1	--	0.7410-0.0076i	3.1697-0.4242i	-0.6195-1.8618i	-0.1721-0.5137i	0.0152+0.0534i	-0.4155-0.4855i	-0.1560-0.7869i
30.2	--	0.7401-0.0327i	3.2540-0.5628i	-0.7144-1.8284i	-0.2389-0.4663i	0.0208+0.0678i	-0.4601-0.4276i	-0.1828-0.7786i
30.3	--	0.7381-0.0470i	3.3199-0.7188i	-0.8090-1.8028i	-0.2967-0.4460i	0.0292+0.0714i	-0.5240-0.3528i	-0.2539-0.7296i
30.4	--	0.7541-0.0612i	3.3605-0.8770i	-0.8761-1.7900i	-0.3199-0.4290i	0.0323+0.0693i	-0.5570-0.3106i	-0.3057-0.6863i
30.5	--	0.7555-0.0738i	3.3726-1.0275i	-0.9693-1.7686i	-0.3694-0.4238i	0.0329+0.0814i	-0.5764-0.2788i	-0.3570-0.6674i
30.6	--	0.7544-0.1049i	3.3957-1.1652i	-1.0645-1.6964i	-0.4200-0.3618i	0.0497+0.1025i	-0.5842-0.2021i	-0.3738-0.6064i
30.7	--	0.7560-0.1304i	3.4595-1.2910i	-1.1275-1.6193i	-0.4457-0.3044i	0.0767+0.1088i	-0.5754-0.1507i	-0.3697-0.5637i
30.8	--	0.7685-0.1582i	3.5569-1.4169i	-1.2277-1.5355i	-0.4696-0.2656i	0.0983+0.1076i	-0.5565-0.1132i	-0.4000-0.5179i

30.9	--	0.7667-0.1959i	3.6430-1.6015i	-1.2648-1.4120i	-0.5246-0.2188i	0.1181+0.1062i	-0.5710-0.0826i	-0.3895-0.4433i
31.0	--	0.7560-0.2303i	3.7047-1.8354i	-1.2663-1.3170i	-0.5214-0.1395i	0.1473+0.1030i	-0.5450-0.0464i	-0.3806-0.4102i
31.1	--	0.7374-0.2756i	3.7891-2.0782i	-1.2345-1.2031i	-0.5033-0.0716i	0.1650+0.0889i	-0.5051-0.0276i	-0.3331-0.4252i
31.2	--	0.6827-0.3028i	3.7736-2.4447i	-1.1924-1.1115i	-0.4761-0.0597i	0.1746+0.0760i	-0.5209-0.0264i	-0.4182-0.4470i
31.3	--	0.6684-0.2805i	3.7109-2.6616i	-1.1629-1.1023i	-0.4912-0.0333i	0.1797+0.0599i	-0.5628-0.0293i	-0.4532-0.4016i
31.4	--	0.6497-0.2956i	3.6677-3.1446i	-1.1287-1.0705i	-0.5163+0.0069i	0.2027+0.0433i	-0.5681-0.0029i	-0.4184-0.3405i
31.5	--	0.6405-0.3252i	3.6441-3.5536i	-1.1076-1.0518i	-0.5116+0.0806i	0.2069+0.0359i	-0.5442+0.0688i	-0.3999-0.3052i
31.6	--	0.6353-0.3344i	3.5522-3.8944i	-1.0966-1.0325i	-0.4907+0.1540i	0.2157+0.0185i	-0.5512+0.1291i	-0.3788-0.2957i
31.7	--	0.6166-0.3563i	3.2983-4.2574i	-1.0959-0.9807i	-0.4738+0.2113i	0.2161-0.0038i	-0.5389+0.1832i	-0.3393-0.3068i
31.8	--	0.5857-0.3753i	2.9721-4.6114i	-1.0741-0.9615i	-0.4595+0.2522i	0.2072-0.0071i	-0.5202+0.2208i	-0.3181-0.2914i
31.9	--	0.5368-0.3911i	2.4357-5.2709i	-1.0513-0.9800i	-0.4165+0.3167i	0.2050-0.0161i	-0.5054+0.2565i	-0.3274-0.2894i
32.0	--	0.5016-0.3588i	1.6631-5.7128i	-1.0677-1.0190i	-0.3795+0.3708i	0.2015-0.0517i	-0.4979+0.2901i	-0.3443-0.2846i
32.1	--	0.4657-0.3534i	1.0659-5.6809i	-1.0526-0.9898i	-0.3434+0.4243i	0.2070-0.0394i	-0.4445+0.3425i	-0.3023-0.3035i
32.2	--	0.4623-0.3579i	0.5627-5.6645i	-1.0715-0.9579i	-0.2977+0.4612i	0.2072-0.0206i	-0.3940+0.3812i	-0.2932-0.2909i
32.3	--	0.4523-0.3173i	0.0012-5.6120i	-1.1397-0.9694i	-0.2147+0.5227i	0.2306-0.0202i	-0.2996+0.4039i	-0.3055-0.3063i
32.4	--	0.4496-0.2852i	-0.4138-5.3637i	-1.2074-0.9530i	-0.1566+0.5223i	0.2398-0.0244i	-0.2420+0.4077i	-0.3310-0.3265i
32.5	--	0.4589-0.2691i	-0.7788-4.9702i	-1.3049-0.8670i	-0.0817+0.5117i	0.2531-0.0363i	-0.1828+0.3758i	-0.3749-0.3211i
32.6	--	0.4617-0.2541i	-1.1319-4.6187i	-1.3833-0.7524i	-0.0189+0.5239i	0.2756-0.0537i	-0.1233+0.3332i	-0.3916-0.2969i
32.7	--	0.4717-0.2568i	-1.4487-4.3570i	-1.3697-0.6032i	0.0584+0.5134i	0.2623-0.0693i	-0.0837+0.3120i	-0.4406-0.2993i
32.8	--	0.4717-0.2590i	-1.8987-3.9351i	-1.3041-0.3931i	0.1295+0.4859i	0.2125-0.0913i	-0.0775+0.2933i	-0.5204-0.3100i
32.9	--	0.4602-0.2511i	-1.9788-3.6168i	-1.1314-0.2186i	0.1650+0.4891i	0.2245-0.0825i	-0.0420+0.2679i	-0.5574-0.2552i
33.0	--	0.4576-0.2321i	-1.9793-3.3938i	-0.9632-0.1696i	0.2378+0.4413i	0.2442-0.0943i	-0.0196+0.2111i	-0.5615-0.1605i
33.1	--	0.4705-0.2109i	-1.9398-3.1460i	-0.7431-0.1854i	0.2994+0.3768i	0.2324-0.0938i	0.0051+0.1530i	-0.5727-0.0419i
33.2	--	0.4943-0.1992i	-2.1366-2.8814i	-0.5762-0.2791i	0.3348+0.3120i	0.2358-0.0748i	0.0224+0.0867i	-0.5644+0.0806i
33.3	--	0.5356-0.1770i	-2.2625-2.5051i	-0.4813-0.3899i	0.3855+0.2705i	0.2504-0.0655i	0.0196+0.0353i	-0.5032+0.1700i
33.4	--	0.5681-0.2026i	-2.2701-2.1953i	-0.4161-0.4505i	0.4165+0.1978i	0.2744-0.0833i	-0.0250-0.0123i	-0.3964+0.2231i
33.5	--	0.5678-0.2281i	-2.0946-1.9419i	-0.3289-0.5138i	0.4188+0.1176i	0.2961-0.1040i	-0.0937-0.0276i	-0.2912+0.2280i
33.6	--	0.5596-0.2369i	-1.7844-1.6048i	-0.2366-0.6581i	0.4039+0.0488i	0.3062-0.1220i	-0.1533-0.0449i	-0.1860+0.2036i
33.7	--	0.5649-0.2779i	-1.6257-1.5352i	-0.1933-0.8188i	0.3325-0.0505i	0.3282-0.1212i	-0.2097-0.0465i	-0.0226+0.2367i
33.8	--	0.5858-0.2741i	-1.3550-1.4040i	-0.2290-1.0004i	0.2822-0.0689i	0.3306-0.1388i	-0.2306-0.0363i	0.0514+0.1588i
33.9	--	0.5839-0.2713i	-1.0722-1.4545i	-0.2472-1.1408i	0.2020-0.0981i	0.3216-0.1807i	-0.2852-0.0217i	0.1360+0.0429i
34.0	--	0.5933-0.2839i	-0.8214-1.5577i	-0.3481-1.2512i	0.1418-0.1203i	0.3187-0.1754i	-0.3111+0.0328i	0.1637-0.0016i
34.1	--	0.5907-0.2769i	-0.9105-1.8080i	-0.4810-1.3511i	0.0936-0.0613i	0.3323-0.2010i	-0.2939+0.1192i	0.1769-0.1593i
34.2	--	0.5918-0.2887i	-0.8502-2.0426i	-0.6290-1.3688i	0.0617-0.0140i	0.3435-0.2049i	-0.2643+0.1846i	0.1721-0.2654i
34.3	--	0.5957-0.3191i	-1.0153-2.1204i	-0.7670-1.3819i	0.0431+0.0167i	0.3465-0.2236i	-0.2337+0.1944i	0.1294-0.3441i
34.4	--	0.6114-0.3434i	-1.2311-2.1700i	-0.8372-1.3210i	0.0735+0.0563i	0.3307-0.2599i	-0.1879+0.2009i	0.0526-0.4372i
34.5	--	0.6081-0.3361i	-1.4340-2.0988i	-0.9194-1.2667i	0.0880+0.0811i	0.3162-0.2663i	-0.1537+0.1826i	-0.0509-0.4708i
34.6	--	0.6270-0.3415i	-1.5153-2.0058i	-0.9453-1.2017i	0.0716+0.0609i	0.3104-0.2499i	-0.1750+0.1491i	-0.1152-0.4213i
34.7	--	0.6345-0.3158i	-1.5478-1.8369i	-0.9352-1.2215i	0.1078+0.0692i	0.2819-0.2718i	-0.1424+0.1187i	-0.1944-0.4456i
34.8	--	0.6022-0.3171i	-1.7017-1.6974i	-0.8706-1.2518i	0.1324+0.1064i	0.3027-0.2895i	-0.1320+0.1768i	-0.2193-0.4703i
34.9	--	0.6155-0.3466i	-1.7006-1.6431i	-0.8521-1.2281i	0.1354+0.1032i	0.3150-0.3043i	-0.1055+0.1356i	-0.2222-0.4569i
35.0	--	0.6358-0.3436i	-1.6501-1.5121i	-0.8879-1.2668i	0.1373+0.1139i	0.3458-0.3187i	-0.0552+0.1705i	-0.2149-0.4352i
35.1	--	0.6431-0.3136i	-1.6465-1.3755i	-0.9252-1.3727i	0.1282+0.1053i	0.3841-0.3115i	-0.0712+0.2543i	-0.2262-0.3673i
35.2	--	0.6955-0.3198i	-1.5724-1.2872i	-1.0288-1.4050i	0.1166+0.0914i	0.3912-0.2912i	-0.1291+0.3078i	-0.2732-0.3025i
35.3	--	0.7509-0.3604i	-1.4802-1.2499i	-1.1504-1.3551i	0.1518+0.0945i	0.3726-0.3453i	-0.0508+0.1887i	-0.2839-0.3460i
35.4	--	0.7661-0.4117i	-1.3612-1.1953i	-1.2299-1.2965i	0.1820+0.1032i	0.3681-0.3918i	-0.0054+0.1273i	-0.3025-0.3779i
35.5	--	0.7591-0.4324i	-1.2502-1.2032i	-1.2119-1.2721i	0.1872+0.0717i	0.3607-0.3685i	-0.1007+0.1125i	-0.3637-0.3450i
35.6	--	0.7968-0.5121i	-1.1596-1.2122i	-1.2986-1.1135i	0.2270+0.0853i	0.3633-0.4454i	-0.0025+0.0162i	-0.3710-0.3871i
35.7	--	0.7950-0.5857i	-1.1014-1.3446i	-1.3153-1.0102i	0.2478+0.1012i	0.3480-0.5109i	0.0264-0.0496i	-0.3921-0.4305i
35.8	--	0.7624-0.6113i	-1.1283-1.5330i	-1.2436-1.0147i	0.2643+0.0861i	0.3223-0.5197i	-0.0514-0.0738i	-0.4524-0.4116i
35.9	--	0.7501-0.6769i	-1.2450-1.6669i	-1.2042-0.9602i	0.2870+0.0926i	0.2934-0.5680i	-0.0352-0.1287i	-0.4749-0.4197i
36.0	--	0.7407-0.7021i	-1.4221-1.7917i	-1.2148-0.9759i	0.3079+0.0784i	0.2475-0.5655i	-0.1284-0.1296i	-0.5550-0.3909i
36.1	--	0.7185-0.7364i	-1.5914-1.8294i	-1.1968-0.9589i	0.3423+0.0505i	0.2170-0.5600i	-0.1664-0.1332i	-0.6197-0.3498i
36.2	--	0.6923-0.8075i	-1.7592-1.7139i	-1.1441-0.8575i	0.3924+0.0351i	0.1847-0.5873i	-0.1891-0.1773i	-0.6580-0.3367i
36.3	--	0.6276-0.8583i	-1.9320-1.6070i	-1.0322-0.8366i	0.4087+0.0181i	0.1744-0.6258i	-0.1617-0.1621i	-0.6429-0.2975i
36.4	--	0.5838-0.8686i	-2.0255-1.4318i	-1.0001-0.9024i	0.4075-0.0378i	0.1453-0.6050i	-0.1938-0.1380i	-0.6617-0.2211i
36.5	--	0.5423-0.8540i	-2.1334-1.3137i	-0.9410-1.0158i	0.4121-0.0928i	0.1007-0.5678i	-0.2877-0.1530i	-0.6897-0.1712i
36.6	--	0.5115-0.8780i	-2.0636-1.2324i	-0.9121-1.0519i	0.4046-0.1201i	0.1109-0.5461i	-0.3160-0.1108i	-0.6763-0.1312i
36.7	--	0.5178-0.8590i	-2.0643-1.1998i	-0.9549-1.1588i	0.3959-0.1640i	0.1114-0.5366i	-0.3391-0.0948i	-0.6850-0.0787i
36.8	--	0.5031-0.8410i	-2.0802-1.1337i	-0.9894-1.3027i	0.3877-0.2028i	0.0811-0.5296i	-0.3648-0.0831i	-0.7040-0.0407i
36.9	--	0.4532-0.8244i	-2.0185-1.0487i	-0.9781-1.3868i	0.3741-0.2453i	0.1049-0.5030i	-0.3655-0.0510i	-0.6798+0.0243i
37.0	--	0.4533-0.7965i	-2.0584-1.0620i	-1.0340-1.5057i	0.3447-0.2932i	0.1382-0.5425i	-0.3450-0.0545i	-0.6400+0.0671i
37.1	--	0.4905-0.8298i	-2.0860-1.0334i	-1.1823-1.5948i	0.2927-0.3473i	0.1108-0.5722i	-0.3960-0.0660i	-0.6396+0.1115i

37.2	--	0.4764-0.8766i	-2.1618-0.9547i	-1.2581-1.5998i	0.2740-0.3789i	0.0743-0.5530i	-0.4428-0.0625i	-0.6513+0.1661i
37.3	--	0.4791-0.9357i	-2.1826-0.9403i	-1.3355-1.5656i	0.2193-0.4022i	0.0790-0.5218i	-0.4969-0.0181i	-0.6157+0.2431i
37.4	--	0.4778-0.9762i	-2.1172-0.9750i	-1.4556-1.5107i	0.1553-0.3951i	0.0947-0.4962i	-0.5331+0.0167i	-0.5697+0.2736i
37.5	--	0.4689-1.0060i	-2.0822-0.9686i	-1.5595-1.4949i	0.0764-0.3795i	0.1340-0.5109i	-0.5562+0.0763i	-0.4792+0.2895i
37.6	--	0.4100-1.0363i	-2.1714-0.9141i	-1.5877-1.5322i	0.0347-0.3259i	0.1617-0.5480i	-0.5761+0.1542i	-0.4137+0.2683i
37.7	--	0.3918-1.0702i	-2.2447-0.9374i	-1.6388-1.5209i	0.0266-0.2885i	0.1845-0.5781i	-0.5677+0.2141i	-0.3707+0.2584i
37.8	--	0.3686-1.1294i	-2.3600-0.9529i	-1.7670-1.4819i	0.0068-0.2730i	0.2262-0.6493i	-0.5059+0.2892i	-0.2725+0.2500i
37.9	--	0.2893-1.1471i	-2.4729-0.9843i	-1.8304-1.5017i	-0.0050-0.2594i	0.2101-0.7357i	-0.4263+0.3227i	-0.2065+0.1931i
38.0	--	0.2053-1.1520i	-2.6939-0.9329i	-1.9167-1.4843i	-0.0195-0.2275i	0.1155-0.8224i	-0.3765+0.2794i	-0.2001+0.0600i
38.1	--	0.1093-1.1774i	-3.0518-0.8664i	-1.9898-1.3953i	-0.0331-0.1902i	0.0095-0.8250i	-0.3973+0.2558i	-0.2619+0.0030i
38.2	--	0.0443-1.1320i	-3.2061-0.6853i	-2.0534-1.3398i	-0.0417-0.1651i	-0.0640-0.7814i	-0.4365+0.2628i	-0.3408+0.0169i
38.3	--	0.0349-1.0808i	-3.3631-0.3721i	-2.1210-1.2940i	-0.0479-0.1302i	-0.0670-0.7439i	-0.4568+0.3113i	-0.3689+0.0212i
38.4	--	0.0084-1.0630i	-3.5208-0.3255i	-2.1463-1.2567i	-0.0459-0.1121i	-0.0380-0.7217i	-0.4484+0.3661i	-0.3653+0.0625i
38.5	--	-0.0571-1.0900i	-3.7375-0.1006i	-2.0937-1.1669i	-0.0185-0.0907i	-0.0158-0.7323i	-0.4167+0.3960i	-0.3595+0.0895i
38.6	--	-0.0489-1.0613i	-3.8034+0.3049i	-2.1839-1.1227i	0.0075-0.0825i	-0.0239-0.7456i	-0.3807+0.4330i	-0.3640+0.1104i
38.7	--	-0.0496-1.0435i	-3.7719+0.7832i	-2.2754-1.0496i	0.0393-0.0727i	-0.0466-0.7730i	-0.3154+0.4712i	-0.3514+0.1083i
38.8	--	-0.0912-1.0450i	-3.8325+1.2354i	-2.2953-0.9751i	0.0658-0.0715i	-0.0644-0.7972i	-0.2792+0.4671i	-0.3287+0.1166i
38.9	--	-0.1708-1.0672i	-3.6618+1.5426i	-2.2040-0.8963i	0.0773-0.0910i	-0.0725-0.8187i	-0.2247+0.4555i	-0.3212+0.1189i
39.0	--	-0.2301-1.0494i	-3.4860+1.9612i	-2.1604-0.9136i	0.0782-0.1034i	-0.0899-0.8419i	-0.1870+0.4478i	-0.2998+0.1272i
39.1	--	-0.2687-1.0252i	-3.1878+2.2011i	-2.1157-0.9100i	0.0741-0.1353i	-0.1045-0.8860i	-0.1429+0.4136i	-0.2811+0.1197i
39.2	--	-0.3310-1.0149i	-2.8534+2.3699i	-2.0391-0.8885i	0.0620-0.1434i	-0.1379-0.9281i	-0.1341+0.3659i	-0.2836+0.0944i
39.3	--	-0.3526-0.9769i	-2.5273+2.5361i	-2.0500-0.9473i	0.0449-0.1508i	-0.1906-0.9695i	-0.1355+0.3341i	-0.2904+0.0875i
39.4	--	-0.3933-0.9488i	-2.1523+2.5756i	-2.0788-0.9912i	0.0235-0.1402i	-0.2728-0.9753i	-0.1353+0.3295i	-0.2931+0.0811i
39.5	--	-0.4378-0.9007i	-1.7777+2.5912i	-2.1309-1.0589i	0.0182-0.1287i	-0.3412-0.9587i	-0.1284+0.3334i	-0.2856+0.0968i
39.6	--	-0.4762-0.8359i	-1.5093+2.4929i	-2.2081-1.1297i	0.0194-0.1214i	-0.3738-0.9357i	-0.1178+0.3465i	-0.2764+0.0948i
39.7	--	-0.4472-0.7752i	-1.4749+2.3959i	-2.4061-1.1015i	0.0010-0.1231i	-0.4250-0.9040i	-0.1168+0.3272i	-0.2707+0.0937i
39.8	--	-0.4388-0.7271i	-1.4215+2.5847i	-2.4905-1.0947i	-0.0006-0.1068i	-0.4769-0.8876i	-0.1137+0.3212i	-0.2668+0.0880i
39.9	--	-0.4741-0.6914i	-1.1423+2.4650i	-2.4756-1.0741i	0.0102-0.0930i	-0.5035-0.8598i	-0.1108+0.3103i	-0.2665+0.0793i
40.0	--	-0.4655-0.6407i	-0.8770+2.3105i	-2.5724-1.0789i	-0.0003-0.1042i	-0.5111-0.8312i	-0.1150+0.2965i	-0.2543+0.0875i
40.1	--	-0.4315-0.5916i	-0.7366+2.1793i	-2.7150-1.0803i	0.0142-0.1054i	-0.5390-0.7892i	-0.1071+0.3075i	-0.2631+0.0907i
40.2	--	-0.4592-0.5552i	-0.7109+2.0522i	-2.7101-1.0566i	0.0288-0.1090i	-0.5442-0.7717i	-0.0960+0.3158i	-0.2608+0.0939i
40.3	--	-0.4716-0.5273i	-0.6665+1.9224i	-2.7677-1.0219i	0.0195-0.1144i	-0.5445-0.7691i	-0.0774+0.3224i	-0.2436+0.0982i
40.4	--	-0.4381-0.4756i	-0.6914+1.8890i	-2.8979-1.0477i	0.0044-0.1204i	-0.5638-0.7660i	-0.0710+0.3240i	-0.2400+0.0915i
40.5	--	-0.4002-0.4253i	-0.7052+1.9209i	-3.0570-1.1211i	-0.0051-0.1304i	-0.6081-0.7428i	-0.0685+0.3330i	-0.2511+0.1022i
40.6	--	-0.3422-0.4143i	-0.6042+1.8108i	-3.3169-1.0239i	-0.0363-0.1247i	-0.6266-0.7171i	-0.0239+0.3155i	-0.2289+0.1021i
40.7	--	-0.3337-0.4129i	-0.7874+1.7750i	-3.3803-0.8026i	-0.0427-0.0921i	-0.6121-0.6931i	-0.0051+0.2692i	-0.2178+0.0649i
40.8	--	-0.3170-0.4272i	-0.9086+1.7957i	-3.4328-0.6160i	-0.0391-0.0668i	-0.6034-0.6718i	-0.0127+0.2255i	-0.2286+0.0555i
40.9	--	-0.2855-0.4305i	-0.8700+1.9434i	-3.5970-0.4688i	-0.0423-0.0600i	-0.5877-0.6540i	-0.0082+0.1968i	-0.2147+0.0506i
41.0	--	-0.2939-0.4079i	-0.8356+2.1092i	-3.6336-0.3316i	-0.0419-0.0512i	-0.5895-0.6716i	-0.0158+0.1757i	-0.2282+0.0386i
41.1	--	-0.2713-0.3844i	-0.6960+2.3579i	-3.6920-0.1687i	-0.0442-0.0420i	-0.5920-0.6933i	-0.0270+0.1589i	-0.2347+0.0361i
41.2	--	-0.2225-0.3905i	-0.3468+2.5394i	-3.7266-0.0777i	-0.0423-0.0332i	-0.6065-0.7006i	-0.0219+0.1643i	-0.2317+0.0274i
41.3	--	-0.2225-0.4088i	-0.0793+2.4000i	-3.7274+0.1039i	-0.0251-0.0105i	-0.6352-0.7205i	-0.0458+0.1294i	-0.2418+0.0129i
41.4	--	-0.2292-0.3863i	-0.2356+2.4071i	-3.6658+0.0919i	-0.0087-0.0175i	-0.6672-0.7337i	-0.0515+0.1409i	-0.2415+0.0163i
41.5	--	-0.2101-0.4488i	-0.0380+2.5694i	-3.7756+0.4394i	-0.0173+0.0130i	-0.6574-0.7681i	-0.0657+0.0884i	-0.2418-0.0139i
41.6	--	-0.2449-0.4782i	0.3090+2.1183i	-3.4110+0.8001i	-0.0031+0.0330i	-0.7148-0.7522i	-0.1136+0.0746i	-0.2566-0.0047i
41.7	--	-0.2415-0.4735i	0.1218+1.9783i	-3.2768+0.5838i	0.0025+0.0281i	-0.7317-0.7166i	-0.0892+0.0685i	-0.2512-0.0076i
41.8	--	-0.2541-0.4876i	0.1895+2.1798i	-3.4588+0.6998i	-0.0047+0.0457i	-0.7408-0.7722i	-0.1345+0.0139i	-0.2659-0.0472i
41.9	--	-0.2817-0.4749i	0.4195+2.1074i	-3.3899+0.9462i	0.0106+0.0585i	-0.8117-0.7946i	-0.1888-0.0155i	-0.2914-0.0487i
42.0	--	-0.3074-0.5196i	0.6754+1.8324i	-3.0963+1.3061i	0.0424+0.0899i	-0.8930-0.7859i	-0.2416-0.0572i	-0.3195-0.0525i
42.1	--	-0.3210-0.4914i	0.4120+1.7928i	-2.8392+1.1644i	0.0723+0.0885i	-0.9729-0.7603i	-0.2954-0.0358i	-0.3395-0.0568i
42.2	--	-0.3136-0.4496i	0.4952+1.8129i	-2.8804+1.1111i	0.0767+0.0937i	-1.0469-0.7316i	-0.3207-0.0288i	-0.3594-0.0626i
42.3	--	-0.3255-0.4253i	0.3788+2.0950i	-2.7426+0.9095i	0.0924+0.0948i	-1.0792-0.6821i	-0.3945-0.0183i	-0.3755-0.0674i
42.4	--	-0.3293-0.4879i	0.8005+2.1642i	-2.7970+1.0304i	0.1030+0.1324i	-1.1103-0.6389i	-0.4709-0.0838i	-0.4236-0.0910i
42.5	--	-0.3340-0.4499i	1.3347+2.1835i	-2.8875+1.1053i	0.1352+0.1284i	-1.1725-0.5891i	-0.5652-0.0184i	-0.4747-0.0657i
42.6	--	-0.2921-0.4020i	1.6459+1.9715i	-3.0944+1.0798i	0.1411+0.1232i	-1.2363-0.5496i	-0.6093+0.0575i	-0.4846-0.0378i
42.7	--	-0.3710-0.4034i	1.4544+1.5550i	-2.8320+1.2080i	0.1986+0.1351i	-1.3202-0.4495i	-0.7473+0.1342i	-0.5384-0.0195i
42.8	--	-0.3756-0.3156i	1.3641+1.6339i	-2.7532+0.9318i	0.2353+0.0789i	-1.3352-0.3149i	-0.7622+0.3018i	-0.5622+0.0369i
42.9	--	-0.3683-0.3552i	1.3256+1.3340i	-2.7020+0.9601i	0.2752+0.0941i	-1.3016-0.2407i	-0.7948+0.3544i	-0.5892+0.0591i
43.0	--	-0.4316-0.3554i	1.3795+1.2583i	-2.4431+1.1547i	0.3638+0.0551i	-1.2855-0.1824i	-0.9208+0.5003i	-0.6328+0.1078i
43.1	--	-0.3462-0.3464i	1.9494+1.1279i	-2.7293+1.2900i	0.3511+0.0220i	-1.2494-0.1233i	-0.8304+0.5550i	-0.6223+0.1463i
43.2	--	-0.3924-0.2969i	1.9263+0.7265i	-2.5917+1.3209i	0.3925-0.0495i	-1.2371-0.0706i	-0.8644+0.7635i	-0.6398+0.2267i
43.3	--	-0.3403-0.3128i	2.0522+0.3195i	-2.6292+1.7255i	0.3857-0.0653i	-1.2413-0.0364i	-0.8217+0.8296i	-0.6404+0.2542i
43.4	--	-0.2623-0.2960i	1.5502+0.2742i	-2.3957+1.4706i	0.3604-0.1431i	-1.1790+0.0593i	-0.6377+0.9838i	-0.5846+0.3073i

43.5	--	-0.2086-0.3357i	1.8276+0.3167i	-2.7148+1.4733i	0.3038-0.1490i	-1.1142+0.0754i	-0.4834+0.9510i	-0.5628+0.3162i
43.6	--	-0.1858-0.3133i	2.2247+0.4277i	-3.0795+1.4291i	0.2157-0.1939i	-1.1180+0.0962i	-0.2602+0.9873i	-0.5449+0.3362i
43.7	--	-0.1616-0.3151i	2.2565+0.0365i	-3.2492+1.6231i	0.1765-0.2019i	-1.0961+0.1355i	-0.1236+0.9547i	-0.5120+0.3680i
43.8	--	-0.2479-0.3411i	1.6310-0.4149i	-2.7896+1.9363i	0.1915-0.1812i	-1.0590+0.1780i	-0.0903+0.9822i	-0.4946+0.4381i
43.9	--	-0.2786-0.3102i	1.2997-0.4989i	-2.3669+1.9409i	0.1783-0.1853i	-1.0180+0.2217i	-0.0435+0.9919i	-0.4538+0.4844i
44.0	--	-0.2452-0.2766i	1.2424-0.2905i	-2.3801+1.6686i	0.1491-0.1848i	-0.9760+0.2396i	0.0480+0.9192i	-0.4036+0.4868i
44.1	--	-0.1828-0.3239i	1.4375-0.4334i	-2.6968+1.8955i	0.1346-0.1412i	-0.8828+0.2555i	0.0538+0.7491i	-0.3513+0.4803i
44.2	--	-0.1178-0.2782i	1.4893-0.1396i	-3.0912+1.7412i	0.1007-0.1401i	-0.8300+0.2467i	0.1567+0.5776i	-0.2892+0.4513i
44.3	--	-0.1942-0.3100i	1.3829-0.1228i	-2.7042+2.0723i	0.1410-0.1462i	-0.8269+0.1785i	0.0470+0.6740i	-0.2828+0.4407i
44.4	--	-0.1406-0.2724i	1.6749-0.2066i	-2.5949+2.1024i	0.1142-0.1458i	-0.8011+0.1771i	0.0660+0.6852i	-0.2449+0.4304i
44.5	--	-0.0695-0.2459i	1.7557-0.2360i	-2.9127+1.8160i	0.0759-0.1513i	-0.7604+0.1764i	0.1852+0.5811i	-0.2026+0.3975i
44.6	--	-0.1259-0.3506i	1.3821-0.6784i	-2.7501+2.3107i	0.0971-0.0926i	-0.7593+0.1279i	0.1476+0.6031i	-0.2130+0.3800i
44.7	--	-0.1029-0.4019i	1.2295-1.0417i	-2.3973+2.7840i	0.1167-0.0265i	-0.7619+0.1190i	0.1010+0.6115i	-0.2097+0.3641i
44.8	--	-0.1053-0.3041i	0.8474-0.6464i	-2.3249+2.0500i	0.1504-0.0733i	-0.7741+0.1242i	0.2495+0.5134i	-0.1738+0.3536i
44.9	--	-0.0590-0.3690i	0.8556-0.5029i	-2.7280+2.1212i	0.1711-0.0944i	-0.8109+0.1061i	0.1403+0.3592i	-0.1950+0.3206i
45.0	--	-0.0808-0.4505i	0.9849-0.5616i	-2.6823+2.5107i	0.1861-0.0998i	-0.8209+0.1175i	0.0291+0.3487i	-0.2262+0.3157i
45.1	--	-0.1643-0.4339i	0.9588-0.3240i	-2.5014+2.3547i	0.1640-0.1278i	-0.8200+0.1831i	0.0471+0.3936i	-0.2154+0.3276i
45.2	--	-0.2058-0.3702i	0.9819-0.3481i	-2.5034+2.1557i	0.1561-0.1417i	-0.7700+0.2172i	0.0770+0.3885i	-0.1848+0.3360i
45.3	--	-0.2619-0.4705i	0.9698-0.8897i	-2.0243+2.9117i	0.2090-0.0780i	-0.7530+0.1619i	-0.0385+0.4964i	-0.1978+0.3333i
45.4	--	-0.2184-0.4331i	0.9808-0.9815i	-1.9081+3.0636i	0.2130-0.0813i	-0.7664+0.1234i	-0.1002+0.5008i	-0.1985+0.3140i
45.5	--	-0.1267-0.4325i	0.9746-0.8908i	-2.0104+2.9290i	0.1996-0.0915i	-0.7761+0.1056i	-0.1170+0.4891i	-0.1957+0.2956i
45.6	--	-0.0572-0.5043i	0.9599-0.8283i	-2.4813+3.1882i	0.1727-0.0815i	-0.8005+0.0478i	-0.1974+0.4280i	-0.2137+0.2622i
45.7	--	-0.2064-0.5291i	0.7370-0.9202i	-1.8765+3.1732i	0.2271-0.1325i	-0.8857+0.0834i	-0.2081+0.5135i	-0.2398+0.2921i
45.8	--	-0.2696-0.4403i	0.5961-0.8452i	-1.7097+2.7618i	0.2298-0.2054i	-0.9040+0.1562i	-0.1968+0.5287i	-0.2287+0.3161i
45.9	--	-0.2791-0.4451i	0.6839-0.8046i	-1.6563+2.9806i	0.2094-0.1770i	-0.9217+0.2192i	-0.2463+0.6264i	-0.2453+0.3216i
46.0	--	-0.2677-0.4427i	0.7717-0.7723i	-1.6599+3.1185i	0.1799-0.1565i	-0.9149+0.2782i	-0.2755+0.7094i	-0.2442+0.3311i
46.1	--	-0.2979-0.3810i	0.6028-0.7612i	-1.5420+2.8585i	0.1764-0.1791i	-0.8754+0.3100i	-0.2101+0.7836i	-0.2252+0.3436i
46.2	--	-0.2683-0.3292i	0.5654-0.6572i	-1.5380+2.6739i	0.1691-0.2099i	-0.8448+0.3274i	-0.1596+0.8239i	-0.2096+0.3473i
46.3	--	-0.2784-0.3474i	0.5461-0.7024i	-1.3506+2.5448i	0.1640-0.2532i	-0.8194+0.3730i	-0.0980+0.9015i	-0.1987+0.3755i
46.4	--	-0.2675-0.3878i	0.6100-0.8766i	-1.3184+2.7111i	0.1366-0.2557i	-0.7750+0.4013i	-0.0473+0.9875i	-0.1803+0.3920i
46.5	--	-0.2283-0.4211i	0.6741-1.0413i	-1.4912+2.9331i	0.1449-0.1805i	-0.7130+0.3714i	0.0412+1.0365i	-0.1945+0.3668i
46.6	--	-0.2448-0.4267i	0.6123-1.0451i	-1.4370+3.1161i	0.1261-0.1532i	-0.7167+0.3405i	0.1166+1.0611i	-0.1731+0.3434i
46.7	--	-0.2913-0.4136i	0.5017-1.0393i	-1.1576+3.0227i	0.1241-0.1783i	-0.7160+0.3586i	0.1885+1.0638i	-0.1492+0.3556i
46.8	--	-0.2847-0.4154i	0.4746-1.0093i	-1.0789+2.9573i	0.1154-0.1562i	-0.6891+0.3809i	0.2604+1.0820i	-0.1485+0.3630i
46.9	--	-0.3359-0.4566i	0.2106-1.2323i	-0.8023+3.0827i	0.1461-0.1608i	-0.6797+0.3644i	0.3811+1.1045i	-0.1422+0.3782i
47.0	--	-0.3614-0.4486i	0.1536-1.2483i	-0.6094+3.0908i	0.1644-0.1627i	-0.6616+0.3659i	0.4739+1.0777i	-0.1313+0.3689i
47.1	--	-0.3591-0.4191i	0.2164-1.2876i	-0.5920+3.1174i	0.1824-0.1414i	-0.6319+0.3588i	0.5550+1.0479i	-0.1246+0.3541i
47.2	--	-0.3840-0.3674i	0.0718-1.1207i	-0.5144+2.7838i	0.1958-0.1422i	-0.6326+0.3715i	0.6308+1.0002i	-0.1139+0.3287i
47.3	--	-0.3908-0.3524i	-0.1089-1.1124i	-0.5806+2.7368i	0.1892-0.1623i	-0.6260+0.3430i	0.7062+0.9124i	-0.1107+0.3205i
47.4	--	-0.4058-0.3116i	-0.2472-0.9502i	-0.5390+2.5444i	0.1945-0.1757i	-0.6212+0.3268i	0.7626+0.8119i	-0.0953+0.3026i
47.5	--	-0.4135-0.3136i	-0.2076-1.0050i	-0.3876+2.5529i	0.2181-0.2085i	-0.5928+0.3057i	0.8137+0.7448i	-0.0970+0.3144i
47.6	--	-0.4103-0.3136i	-0.2031-1.0419i	-0.3121+2.4983i	0.2458-0.2274i	-0.5960+0.2794i	0.8682+0.6765i	-0.1101+0.3022i
47.7	--	-0.3823-0.2920i	-0.2186-1.0191i	-0.3005+2.3920i	0.2499-0.2573i	-0.6062+0.2764i	0.8871+0.5965i	-0.1278+0.3031i
47.8	--	-0.4051-0.3271i	-0.3435-0.9927i	-0.2385+2.4830i	0.2363-0.2628i	-0.6608+0.3035i	0.8264+0.5337i	-0.1330+0.3153i
47.9	--	-0.4371-0.3235i	-0.3872-0.8849i	-0.1679+2.5102i	0.2336-0.2703i	-0.6817+0.2889i	0.7937+0.4715i	-0.1396+0.3086i
48.0	--	-0.4462-0.2746i	-0.3454-0.8444i	-0.1412+2.3017i	0.2232-0.3205i	-0.6679+0.2740i	0.8120+0.3712i	-0.1426+0.3269i
48.1	--	-0.4314-0.2554i	-0.3308-0.7925i	-0.1701+2.1528i	0.1788-0.3510i	-0.6585+0.2981i	0.7918+0.2861i	-0.1420+0.3499i
48.2	--	-0.4136-0.2504i	-0.2179-0.8141i	-0.1719+2.1306i	0.1362-0.3453i	-0.6885+0.3090i	0.6718+0.2698i	-0.1169+0.3412i
48.3	--	-0.4086-0.2491i	-0.2139-0.8863i	-0.1387+2.1829i	0.1141-0.3200i	-0.6950+0.3248i	0.5968+0.2966i	-0.0925+0.3308i
48.4	--	-0.3895-0.2515i	-0.3095-0.9709i	-0.1092+2.2445i	0.1086-0.2762i	-0.7053+0.3309i	0.5707+0.3486i	-0.0865+0.3096i
48.5	--	-0.3983-0.2515i	-0.4618-0.9687i	-0.0889+2.2407i	0.1245-0.2873i	-0.7165+0.3145i	0.5442+0.2855i	-0.1091+0.2985i
48.6	--	-0.3895-0.2436i	-0.4653-0.9239i	-0.1323+2.2243i	0.1113-0.3042i	-0.7288+0.2989i	0.5079+0.2256i	-0.1196+0.3081i
48.7	--	-0.3978-0.2225i	-0.5533-0.8993i	-0.0836+2.0263i	0.0955-0.2925i	-0.7223+0.3600i	0.4925+0.3218i	-0.0986+0.3033i
48.8	--	-0.3997-0.1884i	-0.6520-0.7077i	-0.0741+1.8554i	0.0696-0.2718i	-0.7218+0.4336i	0.4512+0.4194i	-0.0825+0.2986i
48.9	--	-0.3862-0.2257i	-0.5975-0.6676i	-0.0088+1.9875i	0.0748-0.2584i	-0.7139+0.4195i	0.4155+0.3996i	-0.0881+0.3152i
49.0	--	-0.3801-0.2220i	-0.6388-0.6244i	0.0420+2.0105i	0.0892-0.2519i	-0.7328+0.3925i	0.4317+0.3936i	-0.0917+0.3266i
49.1	--	-0.3962-0.2106i	-0.6727-0.6092i	-0.0439+1.7916i	0.1224-0.2718i	-0.7071+0.3855i	0.5681+0.3712i	-0.1052+0.3264i
49.2	--	-0.3844-0.2504i	-0.5637-0.7497i	0.0646+1.9031i	0.1610-0.2812i	-0.7128+0.3789i	0.6208+0.4184i	-0.1181+0.3375i
49.3	--	-0.3936-0.2449i	-0.5296-0.7141i	0.0482+1.9909i	0.1681-0.2845i	-0.7257+0.3887i	0.6409+0.4147i	-0.1249+0.3410i
49.4	--	-0.4245-0.2025i	-0.5988-0.5862i	-0.0015+1.8096i	0.1467-0.3028i	-0.7228+0.4010i	0.6557+0.3489i	-0.1095+0.3509i
49.5	--	-0.4044-0.1874i	-0.5860-0.5604i	-0.0210+1.8441i	0.1321-0.3106i	-0.7342+0.3785i	0.6839+0.2773i	-0.1207+0.3480i
49.6	--	-0.3752-0.1851i	-0.4175-0.6418i	-0.0442+1.8174i	0.1080-0.3244i	-0.7737+0.3615i	0.6798+0.2192i	-0.1135+0.3499i
49.7	--	-0.3651-0.1883i	-0.4273-0.7740i	-0.2236+1.7752i	0.1059-0.3049i	-0.7313+0.3662i	0.6707+0.2828i	-0.0946+0.3096i

49.8	--	-0.3901-0.2459i	-0.6213-0.9263i	-0.1131+1.9343i	0.1210-0.2975i	-0.7647+0.3331i	0.7210+0.2726i	-0.1043+0.2996i
49.9	--	-0.4112-0.2177i	-0.7845-0.7723i	-0.1014+1.9312i	0.1045-0.2890i	-0.8191+0.3450i	0.7057+0.2234i	-0.1274+0.3097i
50.0	--	-0.4189-0.2367i	-0.7131-0.6981i	0.0569+1.8560i	0.1182-0.2885i	-0.8635+0.3829i	0.6776+0.2461i	-0.1224+0.2994i
50.1	--	-0.4694-0.2106i	-0.7995-0.7369i	0.0765+1.7043i	0.1180-0.2819i	-0.8893+0.4446i	0.6745+0.2192i	-0.1201+0.3231i
50.2	--	-0.4995-0.2001i	-0.8274-0.7274i	0.1853+1.7106i	0.1214-0.2858i	-0.8992+0.4663i	0.7023+0.2010i	-0.1202+0.3211i
50.3	--	-0.4570-0.1739i	-0.7295-0.5969i	0.0699+1.7935i	0.1156-0.2818i	-0.9155+0.5424i	0.6411+0.1881i	-0.1150+0.3305i
50.4	--	-0.4561-0.1769i	-0.7283-0.5591i	-0.0153+1.7225i	0.1212-0.2882i	-0.9165+0.5457i	0.6663+0.1970i	-0.1288+0.3309i
50.5	--	-0.4900-0.1184i	-0.8782-0.5227i	-0.0875+1.6041i	0.1309-0.3056i	-0.9128+0.5700i	0.7339+0.1630i	-0.1460+0.3215i
50.6	--	-0.4733-0.0820i	-0.9198-0.4087i	-0.0413+1.7304i	0.1498-0.2866i	-0.9084+0.6213i	0.6946+0.1796i	-0.1474+0.3234i
50.7	--	-0.4456-0.0549i	-0.9024-0.3568i	-0.0347+1.6632i	0.1543-0.2955i	-0.9230+0.6360i	0.6936+0.1355i	-0.1431+0.3397i
50.8	--	-0.4142-0.0509i	-0.8534-0.2830i	-0.0730+1.6004i	0.1619-0.3045i	-0.9471+0.6491i	0.6987+0.1156i	-0.1571+0.3322i
50.9	--	-0.3929-0.0534i	-0.7573-0.3000i	-0.1958+1.6515i	0.1950-0.3034i	-0.9505+0.7174i	0.6937+0.1148i	-0.1590+0.3453i
51.0	--	-0.3821-0.0421i	-0.7083-0.3816i	-0.2232+1.6226i	0.2124-0.3314i	-0.9922+0.7477i	0.7382+0.0691i	-0.1599+0.3620i
51.1	--	-0.3871-0.0423i	-0.7452-0.5023i	-0.0747+1.6856i	0.2212-0.3554i	-1.0208+0.7786i	0.7837+0.0677i	-0.1530+0.3683i
51.2	--	-0.4270-0.0252i	-0.9198-0.4105i	-0.0296+1.5609i	0.2360-0.3897i	-1.0156+0.8538i	0.8108+0.0198i	-0.1576+0.3622i
51.3	--	-0.3888+0.0043i	-0.8150-0.2424i	-0.2241+1.5315i	0.2383-0.4239i	-1.0490+0.9423i	0.8064-0.0820i	-0.1767+0.3870i
51.4	--	-0.3917-0.0227i	-0.7147-0.3460i	-0.1465+1.5415i	0.2344-0.4759i	-1.0332+1.0762i	0.7978-0.1481i	-0.1701+0.4001i
51.5	--	-0.3695-0.0389i	-0.7450-0.5262i	-0.1002+1.7483i	0.2158-0.4979i	-1.0100+1.1709i	0.7718-0.1999i	-0.1721+0.4118i
51.6	--	-0.3440-0.0279i	-0.8757-0.5397i	-0.0117+1.8597i	0.1959-0.4950i	-0.9284+1.2371i	0.7107-0.2334i	-0.1755+0.3971i
51.7	--	-0.3329+0.0085i	-1.0156-0.3752i	0.0383+1.8627i	0.1624-0.4786i	-0.7691+1.2922i	0.6158-0.2247i	-0.1872+0.4187i
51.8	--	-0.3235+0.0121i	-1.0273-0.2727i	-0.0069+1.8210i	0.1310-0.4788i	-0.6387+1.3046i	0.5131-0.2172i	-0.1975+0.4411i
51.9	--	-0.2868-0.0013i	-0.9840-0.2322i	-0.1344+1.9268i	0.1015-0.4606i	-0.5721+1.2848i	0.4440-0.1882i	-0.2202+0.4597i
52.0	--	-0.3123-0.0504i	-0.9230-0.2627i	0.0900+2.0149i	0.1528-0.4500i	-0.5317+1.2728i	0.4296-0.1277i	-0.2234+0.4937i
52.1	--	-0.3193-0.0110i	-0.9975-0.1758i	0.1517+1.8747i	0.1854-0.4796i	-0.4946+1.2685i	0.4625-0.0226i	-0.2183+0.5248i
52.2	--	-0.2544-0.0021i	-0.9210-0.1098i	0.0787+1.8982i	0.1830-0.4691i	-0.4266+1.2073i	0.5232+0.0507i	-0.2044+0.5534i
52.3	--	-0.2694-0.0174i	-0.9246-0.1006i	0.1162+1.8419i	0.2094-0.5005i	-0.3970+1.1492i	0.6018+0.0385i	-0.2081+0.5791i
52.4	--	-0.2707-0.0146i	-0.8610-0.1178i	0.2205+1.7953i	0.2293-0.5658i	-0.4095+1.0994i	0.6578-0.0275i	-0.1882+0.6165i
52.5	--	-0.2851-0.0088i	-0.8146-0.1126i	0.3256+1.6921i	0.2247-0.6199i	-0.4484+1.0864i	0.6972-0.0981i	-0.1723+0.6411i
52.6	--	-0.2702-0.0194i	-0.8763-0.1213i	0.3729+1.6047i	0.2258-0.7403i	-0.4583+1.1658i	0.6965-0.2040i	-0.1606+0.6823i
52.7	--	-0.2250-0.0499i	-0.7613-0.0506i	0.2795+1.7403i	0.1809-0.8290i	-0.4673+1.2307i	0.6539-0.3064i	-0.1322+0.7371i
52.8	--	-0.2203-0.0756i	-0.7582-0.0753i	0.2945+1.6996i	0.0881-0.8574i	-0.4459+1.2736i	0.5597-0.3273i	-0.0881+0.7600i
52.9	--	-0.1866-0.0782i	-0.7903-0.1099i	0.2034+1.6605i	-0.0623-0.8577i	-0.3998+1.3404i	0.3970-0.2780i	-0.0185+0.7853i
53.0	--	-0.1560-0.0971i	-0.7906-0.2308i	0.1409+1.8206i	-0.1003-0.7962i	-0.3679+1.3668i	0.4043-0.1899i	0.0244+0.7836i
53.1	--	-0.1695-0.1380i	-0.9453-0.2762i	0.1470+1.9054i	-0.1150-0.7673i	-0.3175+1.4039i	0.4518-0.1026i	0.0983+0.7680i
53.2	--	-0.1840-0.1745i	-1.1777-0.1379i	0.2828+1.8961i	-0.1699-0.8006i	-0.2244+1.4346i	0.4496-0.1285i	0.1316+0.7340i
53.3	--	-0.1861-0.1916i	-1.1920-0.0191i	0.3687+1.9009i	-0.2286-0.8238i	-0.1162+1.4709i	0.4822-0.1400i	0.1522+0.6927i
53.4	--	-0.2501-0.2120i	-1.0553+0.1593i	0.4825+1.8082i	-0.2864-0.7890i	0.0379+1.4148i	0.5173-0.1165i	0.1704+0.6584i
53.5	--	-0.2977-0.1703i	-0.8560+0.1029i	0.4723+1.6904i	-0.3243-0.7064i	0.1111+1.2209i	0.5819-0.1316i	0.1503+0.6378i
53.6	--	-0.2638-0.1439i	-0.8568-0.0391i	0.3413+1.7101i	-0.3372-0.6226i	0.0370+1.0629i	0.6437-0.1653i	0.1118+0.6367i
53.7	--	-0.2948-0.1196i	-1.0960-0.0084i	0.3419+1.5477i	-0.3012-0.6220i	-0.0751+1.0560i	0.6799-0.2274i	0.1108+0.6698i
53.8	--	-0.2758-0.1178i	-1.0724+0.0786i	0.3475+1.5589i	-0.2612-0.6279i	-0.1374+1.1415i	0.6881-0.3460i	0.1212+0.7112i
53.9	--	-0.2779-0.1145i	-1.0867+0.1824i	0.4085+1.6367i	-0.2393-0.6510i	-0.1826+1.2498i	0.6309-0.4393i	0.1456+0.7512i
54.0	--	-0.2534-0.0776i	-1.1033+0.3447i	0.0594+1.6028i	-0.3083-0.6708i	-0.1432+1.3371i	0.5813-0.5155i	0.1752+0.7832i
54.1	--	-0.2541-0.1032i	-1.0172+0.3261i	0.1509+1.6185i	-0.3709-0.6758i	-0.0468+1.3828i	0.4664-0.5678i	0.2580+0.8064i
54.2	--	-0.3175-0.1064i	-0.9310+0.2933i	0.3813+1.5629i	-0.4228-0.6475i	0.0908+1.4049i	0.3342-0.5388i	0.3463+0.7852i
54.3	--	-0.3277-0.1164i	-0.9663+0.2791i	0.3733+1.5429i	-0.4205-0.5896i	0.1813+1.4091i	0.2785-0.4924i	0.3727+0.7498i
54.4	--	-0.3165-0.0991i	-0.9131+0.4116i	0.2949+1.6010i	-0.3760-0.5532i	0.2382+1.3699i	0.2935-0.4063i	0.3593+0.7019i
54.5	--	-0.3270-0.0296i	-0.7480+0.3785i	0.2067+1.3820i	-0.3792-0.5840i	0.2792+1.2626i	0.3380-0.3756i	0.3691+0.6973i
54.6	--	-0.3140-0.0444i	-0.5790+0.3847i	0.3543+1.4423i	-0.3863-0.6581i	0.3460+1.2513i	0.3231-0.4023i	0.4227+0.7257i
54.7	--	-0.2953-0.0508i	-0.5388+0.2940i	0.3844+1.7167i	-0.4389-0.6864i	0.3769+1.2551i	0.2688-0.4474i	0.4786+0.7531i
54.8	--	-0.2879-0.0359i	-0.5613+0.1352i	0.5227+1.5707i	-0.4951-0.6889i	0.4022+1.2257i	0.2366-0.4277i	0.5420+0.7141i
54.9	--	-0.3183-0.0224i	-0.6787+0.1348i	0.5948+1.3540i	-0.5413-0.6651i	0.4767+1.1792i	0.1807-0.3716i	0.6097+0.6525i
55.0	--	-0.3091-0.0310i	-0.7350+0.1295i	0.4409+1.2688i	-0.5621-0.6292i	0.5297+1.1424i	0.1749-0.3584i	0.6199+0.6258i
55.1	--	-0.2548-0.0494i	-0.7038+0.1509i	0.4065+1.3352i	-0.5904-0.6032i	0.5629+1.0975i	0.2006-0.3321i	0.6400+0.5643i
55.2	--	-0.2465-0.0606i	-0.6238+0.1275i	0.6015+1.3644i	-0.5917-0.6030i	0.6109+1.0184i	0.2131-0.3143i	0.6533+0.5198i
55.3	--	-0.3022-0.0866i	-0.6784+0.1066i	0.4419+1.3390i	-0.6010-0.5943i	0.6324+0.9281i	0.2100-0.3623i	0.6392+0.5000i
55.4	--	-0.3187-0.1271i	-0.6714+0.0566i	0.4773+1.4497i	-0.5968-0.5718i	0.6229+0.8483i	0.2336-0.4078i	0.6354+0.4669i
55.5	--	-0.3222-0.1055i	-0.7433-0.0122i	0.5522+1.4096i	-0.6555-0.5670i	0.5624+0.7349i	0.2198-0.3943i	0.6552+0.4075i
55.6	--	-0.3481-0.0837i	-0.8413+0.0547i	0.4825+1.4577i	-0.7043-0.5538i	0.4878+0.7370i	0.1563-0.4539i	0.6571+0.4003i
55.7	--	-0.3290-0.0527i	-0.8621+0.1258i	0.2609+1.4689i	-0.7831-0.5115i	0.4069+0.7496i	0.1405-0.4990i	0.6523+0.3804i
55.8	--	-0.3460-0.0534i	-0.8838+0.1305i	0.3713+1.3023i	-0.8496-0.5142i	0.3409+0.7204i	0.1056-0.4656i	0.6651+0.3451i
55.9	--	-0.3707-0.0523i	-0.7796+0.0583i	0.6546+1.1003i	-0.8952-0.5017i	0.3788+0.6990i	0.0321-0.3774i	0.7040+0.2912i
56.0	--	-0.3684-0.0595i	-0.7939+0.0501i	0.6347+1.1464i	-0.9441-0.4164i	0.3672+0.7622i	-0.0616-0.3488i	0.7252+0.2769i

56.1	--	-0.3826-0.0436i	-0.8761+0.0604i	0.5963+1.2821i	-0.9688-0.3411i	0.3662+0.8181i	-0.1149-0.3152i	0.7457+0.2344i
56.2	--	-0.3542-0.0165i	-0.8731+0.1772i	0.4719+1.3571i	-0.9910-0.2206i	0.3789+0.8571i	-0.0994-0.2675i	0.7066+0.1669i
56.3	--	-0.3662-0.0389i	-0.8812+0.1808i	0.5446+1.3857i	-0.9675-0.1202i	0.4025+0.8615i	-0.0915-0.2144i	0.6586+0.1320i
56.4	--	-0.3316-0.0454i	-0.8281+0.2313i	0.7839+1.4536i	-0.9129-0.092i	0.4425+0.8688i	-0.0664-0.1813i	0.6200+0.1253i
56.5	--	-0.3296-0.0392i	-0.8270+0.2271i	0.8003+1.2403i	-0.9121-0.0513i	0.4517+0.8577i	-0.0515-0.1554i	0.6067+0.1061i
56.6	--	-0.3508-0.0269i	-0.8190+0.1595i	0.7874+1.0588i	-0.9135-0.0013i	0.4662+0.8149i	-0.0229-0.1051i	0.5945+0.0821i
56.7	--	-0.3323-0.0443i	-0.7558+0.1704i	0.7766+1.1350i	-0.8695+0.0454i	0.4848+0.8147i	-0.0063-0.1094i	0.5811+0.0800i
56.8	--	-0.3503-0.0007i	-0.7995+0.1866i	0.7599+1.0356i	-0.8472+0.1424i	0.5078+0.8210i	-0.0069-0.0796i	0.5787+0.0494i
56.9	--	-0.3900+0.0073i	-0.8678+0.1181i	0.7164+0.9306i	-0.8403+0.1810i	0.5046+0.8156i	0.0095-0.0559i	0.5727+0.0609i
57.0	--	-0.3524-0.0081i	-0.8474+0.0822i	0.6976+0.8740i	-0.7865+0.2211i	0.5337+0.8168i	0.0661-0.0990i	0.5425+0.0354i
57.1	--	-0.3455+0.0080i	-0.8518+0.1560i	0.6413+0.9123i	-0.7296+0.2778i	0.5767+0.8253i	0.0559-0.0996i	0.5282+0.0208i
57.2	--	-0.3538-0.0040i	-0.8643+0.1427i	0.6338+0.8514i	-0.6882+0.3123i	0.5929+0.7850i	0.0545-0.0921i	0.5001-0.0064i
57.3	--	-0.3454-0.0058i	-0.8602+0.1064i	0.5813+0.8179i	-0.6570+0.3220i	0.6032+0.7579i	0.0542-0.1061i	0.4817-0.0274i
57.4	--	-0.3720+0.0054i	-0.9780+0.1130i	0.4199+0.6700i	-0.6033+0.3433i	0.5838+0.7533i	0.0949-0.1090i	0.4627-0.0338i
57.5	--	-0.3437+0.0032i	-0.9495+0.1558i	0.4350+0.7888i	-0.5387+0.3327i	0.6206+0.7184i	0.0816-0.0885i	0.4545-0.0495i
57.6	--	-0.3380+0.0072i	-0.9950+0.1697i	0.2782+0.8240i	-0.4796+0.3372i	0.6513+0.6985i	0.0728-0.1013i	0.4087-0.0526i
57.7	--	-0.3306+0.0116i	-1.0532+0.2759i	0.2915+0.8588i	-0.4406+0.3304i	0.6396+0.6937i	0.0921-0.1112i	0.3719-0.0668i
57.8	--	-0.3537-0.0159i	-1.0054+0.2464i	0.2923+0.8404i	-0.3876+0.3169i	0.6543+0.6577i	0.0723-0.0895i	0.3458-0.0224i
57.9	--	-0.3488-0.0441i	-0.8965+0.1129i	0.2020+0.8133i	-0.3402+0.3469i	0.7330+0.6200i	0.0525-0.0596i	0.3048-0.0130i
58.0	--	-0.3417-0.0319i	-1.0021+0.1439i	0.1037+0.9161i	-0.3206+0.3002i	0.7126+0.6195i	0.1085-0.0589i	0.2676-0.0140i
58.1	--	-0.3135+0.0244i	-1.0153+0.3152i	0.1196+1.0784i	-0.3116+0.2467i	0.7173+0.5931i	0.1383-0.0856i	0.2984+0.0063i
58.2	--	-0.2930+0.0615i	-0.9858+0.4771i	0.1533+1.1558i	-0.2814+0.1841i	0.7450+0.5056i	0.1552-0.1077i	0.3092-0.0043i
58.3	--	-0.3343+0.0082i	-1.0059+0.4026i	0.0277+1.1658i	-0.3076+0.2213i	0.7107+0.5124i	0.1389-0.0981i	0.2879+0.0055i
58.4	--	-0.3772-0.0206i	-1.0647+0.3656i	0.0507+1.0915i	-0.3203+0.1747i	0.6603+0.4957i	0.1227-0.1039i	0.2894+0.0429i
58.5	--	-0.3302-0.0118i	-0.9951+0.4636i	0.1491+1.0993i	-0.2970+0.1554i	0.6444+0.4455i	0.1365-0.1173i	0.2681+0.0651i
58.6	--	-0.3226-0.0165i	-0.9654+0.5110i	0.1687+1.1456i	-0.2799+0.1522i	0.6217+0.4263i	0.1306-0.1132i	0.2952+0.0746i
58.7	--	-0.3622-0.0168i	-0.9947+0.4889i	0.0508+1.2452i	-0.3090+0.1858i	0.5793+0.4759i	0.1109-0.1164i	0.3505+0.0760i
58.8	--	-0.4294-0.0377i	-1.0237+0.5299i	0.1550+1.0721i	-0.3197+0.1598i	0.5521+0.5113i	0.1102-0.0989i	0.4016+0.0874i
58.9	--	-0.4374-0.0525i	-0.9570+0.5696i	0.1459+1.1436i	-0.3014+0.1346i	0.5198+0.5157i	0.1061-0.1054i	0.3718+0.1162i
59.0	--	-0.4342+0.0133i	-0.9717+0.6625i	-0.0201+1.3401i	-0.3397+0.1457i	0.5119+0.5683i	0.0985-0.1457i	0.3789+0.1154i
59.1	--	-0.4879-0.0709i	-0.8654+0.5381i	0.1163+1.2917i	-0.3590+0.1155i	0.5178+0.5890i	0.1078-0.1167i	0.4145+0.0948i
59.2	--	-0.5503-0.0550i	-0.9664+0.6317i	0.2901+1.4938i	-0.3321+0.1188i	0.5665+0.6263i	0.1357-0.0797i	0.3971+0.0883i
59.3	--	-0.5878-0.0046i	-0.8891+0.6365i	0.1856+1.6370i	-0.3507+0.1393i	0.6362+0.6493i	0.1415-0.1042i	0.3946+0.0644i
59.4	--	-0.5948+0.1042i	-0.8582+0.7473i	0.1736+1.8409i	-0.3767+0.1924i	0.7192+0.7018i	0.1205-0.1273i	0.4147+0.0580i
59.5	--	-0.6220+0.1526i	-0.8032+0.7731i	0.3300+1.8379i	-0.3833+0.2286i	0.8030+0.6885i	0.1208-0.1041i	0.4353+0.0184i
59.6	--	-0.6300+0.2575i	-0.7438+0.8704i	0.4404+1.7463i	-0.3854+0.2637i	0.8760+0.6568i	0.1419-0.1079i	0.4386-0.0353i
59.7	--	-0.5853+0.3038i	-0.6081+0.8710i	0.5125+1.7779i	-0.3741+0.3014i	0.9385+0.6239i	0.1467-0.1498i	0.4017-0.0532i
59.8	--	-0.5796+0.2847i	-0.5647+0.6848i	0.7396+1.7378i	-0.3333+0.3115i	0.9887+0.5283i	0.1227-0.1448i	0.3848-0.0534i
59.9	--	-0.4574-1.7026i	-0.4284-1.3185i	0.9653+1.6023i	-0.3218+0.3213i	0.9818+0.4352i	0.1238-0.1238i	0.3438-0.0704i
60.0	--	-2.8563+0.9509i	-2.7394+1.1870i	0.9620+1.6920i	-0.3115+0.2987i	1.0087+0.3679i	0.1029-0.1366i	0.3514-0.1177i
60.1	--	-2.1197+0.5038i	-2.0113+0.6665i	1.1356+1.6599i	-0.2430+0.2842i	1.0184+0.2885i	0.0898-0.1582i	0.3655-0.0715i
60.2	--	-0.4444+0.4099i	-0.4391+0.4431i	1.0893+1.5449i	-0.1992+0.3319i	1.0280+0.2297i	0.0670-0.1426i	0.3525-0.0750i
60.3	--	-0.3892+0.4637i	-0.4423+0.4176i	1.0864+1.4112i	-0.2151+0.3106i	1.0108+0.2002i	0.0604-0.1699i	0.3261-0.0894i
60.4	--	-0.3975+0.4583i	-0.4572+0.3714i	1.1605+1.3055i	-0.1734+0.2980i	1.0256+0.1554i	0.0541-0.1970i	0.3417-0.0406i
60.5	--	-0.3673+0.4515i	-0.4412+0.3059i	1.1842+1.1940i	-0.1347+0.2922i	1.0026+0.0820i	0.0243-0.1728i	0.3647-0.0420i
60.6	--	-0.3191+0.4937i	-0.4946+0.3086i	1.2064+1.1475i	-0.1148+0.2610i	0.9551+0.0481i	-0.0102-0.1840i	0.3669-0.0451i
60.7	--	-0.2776+0.5043i	-0.5217+0.3157i	1.0843+1.1223i	-0.1290+0.2394i	0.9308+0.0094i	-0.0194-0.1778i	0.3391-0.0455i
60.8	--	-0.2819+0.4898i	-0.5108+0.1900i	1.0305+1.1327i	-0.1585+0.2188i	0.9021-0.0079i	-0.0666-0.1296i	0.3750-0.0723i
60.9	--	-0.2549+0.4723i	-0.5427+0.1563i	1.1575+1.1538i	-0.1714+0.2070i	0.8653-0.0270i	-0.0918-0.0673i	0.3901-0.1297i
61.0	--	-0.2337+0.5092i	-0.6920+0.0821i	1.0326+1.2988i	-0.1599+0.2127i	0.8273-0.0206i	-0.1153-0.0745i	0.3607-0.1217i
61.1	--	-0.2248+0.4834i	-0.6229-0.0719i	1.0861+0.9677i	-0.1701+0.2400i	0.8188-0.0004i	-0.0679-0.0664i	0.3075-0.1756i
61.2	--	-0.2329+0.4672i	-0.6493-0.0812i	1.0348+0.7737i	-0.1512+0.2616i	0.8384-0.0378i	-0.0140-0.0888i	0.2502-0.1647i
61.3	--	-0.1589+0.4262i	-0.6231-0.1195i	1.3189+0.9530i	-0.1505+0.2329i	0.8262-0.0779i	-0.0711-0.0341i	0.2589-0.1168i
61.4	--	-0.1388+0.4401i	-0.6443-0.1570i	1.3385+0.9732i	-0.1487+0.2176i	0.8260-0.1271i	-0.0972-0.0139i	0.2780-0.0924i
61.5	--	-0.1390+0.4645i	-0.6174-0.1627i	1.2756+0.8172i	-0.1472+0.2244i	0.8317-0.2224i	-0.0813-0.0166i	0.2661-0.0831i
61.6	--	-0.1356+0.4907i	-0.7223-0.2545i	1.1359+0.9183i	-0.1322+0.2107i	0.8130-0.2774i	-0.1192+0.0233i	0.2912-0.0857i
61.7	--	-0.1645+0.5076i	-0.8997-0.3251i	1.0332+0.7977i	-0.1533+0.2436i	0.7842-0.2530i	-0.0934+0.0682i	0.2930-0.1384i
61.8	--	-0.1499+0.4502i	-0.8761-0.3217i	1.1680+0.5951i	-0.1486+0.2803i	0.7431-0.2387i	-0.0502+0.0570i	0.2905-0.1406i
61.9	--	-0.1085+0.4795i	-0.9759-0.3089i	1.1691+0.5767i	-0.1362+0.2800i	0.7284-0.2736i	-0.0440+0.0884i	0.2697-0.1690i
62.0	--	-0.0737+0.4735i	-1.0444-0.3737i	1.2493+0.6060i	-0.1240+0.2861i	0.7405-0.2633i	-0.0362+0.1353i	0.2524-0.1744i
62.1	--	-0.0572+0.4827i	-1.0949-0.3963i	1.2106+0.6030i	-0.1041+0.2575i	0.7678-0.3168i	-0.0553+0.1782i	0.2221-0.2035i
62.2	--	-0.0363+0.5045i	-1.2064-0.4873i	1.2116+0.6197i	-0.1220+0.2216i	0.7281-0.4068i	-0.0501+0.1819i	0.2179-0.1969i
62.3	--	-0.0408+0.5156i	-1.3293-0.5054i	1.2401+0.4731i	-0.1650+0.2346i	0.6997-0.4250i	0.0247+0.1897i	0.1721-0.1968i

62.4	--	0.0121+0.5089i	-1.3579-0.5872i	1.3309+0.5893i	-0.1763+0.1958i	0.6529-0.5146i	0.0468+0.2742i	0.1797-0.2027i
62.5	--	0.0196+0.5122i	-1.3942-0.6143i	1.2287+0.5309i	-0.1846+0.1932i	0.6378-0.5191i	0.0671+0.2689i	0.1643-0.2111i
62.6	--	-0.0150+0.5410i	-1.5298-0.6414i	1.0372+0.3673i	-0.2159+0.2194i	0.6121-0.5402i	0.0713+0.2500i	0.1218-0.2320i
62.7	--	0.0201+0.4823i	-1.6295-0.5675i	1.0910+0.0590i	-0.2402+0.2738i	0.5291-0.6064i	0.1188+0.2102i	0.0893-0.1681i
62.8	--	0.0450+0.4879i	-1.8372-0.5878i	1.0191+0.1239i	-0.2337+0.3315i	0.5187-0.6520i	0.1269+0.2052i	0.0605-0.1491i
62.9	--	0.0117+0.4970i	-1.9591-0.6546i	0.9023+0.1396i	-0.2438+0.3412i	0.4693-0.6962i	0.1274+0.2482i	0.0350-0.1757i
63.0	--	0.0311+0.5505i	-2.1536-0.6115i	0.8393+0.1526i	-0.2590+0.3679i	0.3852-0.7545i	0.1560+0.2510i	0.0081-0.1396i
63.1	--	0.0677+0.5203i	-2.1993-0.5497i	0.8154+0.0238i	-0.2455+0.4106i	0.3350-0.7425i	0.2220+0.2327i	-0.0307-0.0661i
63.2	--	0.0984+0.5388i	-2.3087-0.5712i	0.8161+0.1394i	-0.2339+0.4679i	0.1984-0.7637i	0.2502+0.2191i	-0.0177-0.0274i
63.3	--	0.1013+0.5064i	-2.5070-0.5942i	0.8339+0.0905i	-0.2194+0.5264i	0.0765-0.7168i	0.2779+0.1612i	-0.0189+0.0034i
63.4	--	0.1474+0.5087i	-2.6179-0.5998i	0.9382+0.1741i	-0.1977+0.5321i	0.0308-0.7212i	0.3210+0.2196i	-0.0615-0.0068i
63.5	--	0.1825+0.5253i	-2.8213-0.5619i	0.9530+0.0506i	-0.1797+0.5706i	-0.0324-0.7184i	0.3651+0.1463i	-0.0775+0.0436i
63.6	--	0.1945+0.5131i	-3.0741-0.5640i	1.0117-0.0052i	-0.1333+0.6055i	-0.1498-0.6729i	0.3356+0.0959i	-0.0393+0.1016i
63.7	--	0.2565+0.5585i	-3.1678-0.4509i	0.8836+0.1851i	-0.0419+0.6769i	-0.2342-0.6494i	0.2399+0.0529i	0.0040+0.1826i
63.8	--	0.2933+0.5713i	-3.3733-0.3771i	0.8558+0.0822i	-0.0276+0.7466i	-0.3043-0.5975i	0.2600-0.0390i	-0.0011+0.2642i
63.9	--	0.3281+0.6304i	-3.6638-0.2660i	0.7701+0.0569i	0.0120+0.7880i	-0.3643-0.5422i	0.2490-0.0609i	0.0157+0.2926i
64.0	--	0.3426+0.6313i	-3.9810-0.1880i	0.9405-0.1843i	0.0126+0.7633i	-0.3799-0.4961i	0.2840-0.0011i	-0.0155+0.2754i
64.1	--	0.3870+0.5789i	-3.9883+0.0358i	0.9071-0.3661i	0.1481+0.7776i	-0.3271-0.4658i	0.2004-0.0284i	0.0293+0.3775i
64.2	--	0.4010+0.5659i	-4.1736+0.1724i	0.7878-0.4383i	0.2064+0.7713i	-0.3858-0.4021i	0.1349-0.0202i	0.1006+0.4094i
64.3	--	0.4417+0.5238i	-4.3713+0.3447i	0.5926-0.6342i	0.2785+0.8075i	-0.4216-0.3561i	0.0501-0.0532i	0.1997+0.4704i
64.4	--	0.4618+0.5161i	-4.5565+0.5579i	0.5133-0.6539i	0.3288+0.7650i	-0.4691-0.2965i	-0.0346+0.0173i	0.3131+0.4599i
64.5	--	0.4973+0.5300i	-4.7731+0.8025i	0.5525-0.7336i	0.3240+0.7416i	-0.5345-0.2403i	-0.0485+0.1145i	0.3719+0.4006i
64.6	--	0.5139+0.4884i	-4.8141+0.9998i	0.4200-0.8288i	0.3596+0.7143i	-0.4961-0.2021i	-0.0791+0.1991i	0.4230+0.3611i
64.7	--	0.5083+0.4288i	-4.9873+1.1641i	0.2098-1.0160i	0.4010+0.6843i	-0.4916-0.1087i	-0.0997+0.3382i	0.4785+0.2729i
64.8	--	0.5795+0.5450i	-5.1832+1.4081i	-0.0441-0.9295i	0.4114+0.7607i	-0.4552-0.0674i	-0.0297+0.4857i	0.4594+0.2556i
64.9	--	0.7333+0.4988i	-5.3010+1.9690i	-0.0091-0.9448i	0.4861+0.7742i	-0.4333-0.0529i	0.1203+0.5782i	0.4443+0.2548i
65.0	--	0.7925+0.4620i	-5.1909+2.2264i	-0.1169-0.8135i	0.5610+0.7644i	-0.4167+0.0165i	0.2128+0.6538i	0.4514+0.2289i
65.1	--	0.8231+0.4790i	-5.2971+2.5088i	-0.2583-0.8883i	0.5597+0.8043i	-0.3669-0.0017i	0.3993+0.6908i	0.4029+0.2348i
65.2	--	0.8614+0.4363i	-5.4407+2.7752i	-0.4614-0.8862i	0.6439+0.8594i	-0.3385+0.0372i	0.5515+0.6540i	0.3777+0.2149i
65.3	--	0.9149+0.3482i	-5.5733+3.2717i	-0.5720-1.0703i	0.7426+0.8546i	-0.3149+0.0362i	0.6516+0.5628i	0.3750+0.2848i
65.4	--	1.0009+0.2278i	-5.5074+3.6244i	-0.7633-1.0236i	0.8427+0.7728i	-0.2554-0.0263i	0.6704+0.5297i	0.4466+0.3577i
65.5	--	1.0159+0.2368i	-5.3097+3.8424i	-1.1100-0.8196i	0.9223+0.7646i	-0.2728-0.1473i	0.7042+0.5603i	0.5099+0.3715i
65.6	--	1.0440+0.1310i	-5.1980+4.1733i	-1.3756-0.8501i	1.0080+0.7703i	-0.3188-0.2568i	0.8661+0.6327i	0.5906+0.3384i
65.7	--	1.1003+0.0542i	-5.1068+4.5021i	-1.5067-0.8423i	1.0865+0.7439i	-0.4176-0.2906i	1.0525+0.5811i	0.6378+0.3320i
65.8	--	1.1719+0.0307i	-4.8712+4.8870i	-1.7266-0.4492i	1.2279+0.6507i	-0.5203-0.3034i	1.1876+0.4693i	0.6808+0.2954i
65.9	--	1.1194-0.0889i	-4.6878+4.8371i	-1.8507-0.2352i	1.2612+0.5114i	-0.6944-0.3629i	1.3731+0.2488i	0.6516+0.3058i
66.0	--	1.1031-0.1627i	-4.5832+5.2208i	-2.1557-0.1349i	1.3750+0.4493i	-0.7447-0.2887i	1.3621+0.0720i	0.7197+0.2999i
66.1	--	1.1015-0.3653i	-4.3924+5.7937i	-2.2382+0.0493i	1.4690+0.3516i	-0.9190-0.1610i	1.3842-0.1274i	0.7741+0.3119i
66.2	--	1.1581-0.4472i	-4.5087+6.1243i	-2.1497+0.3787i	1.5126+0.2391i	-1.0473-0.0802i	1.4095-0.2611i	0.8104+0.3071i
66.3	--	1.1491-0.5013i	-4.2992+6.4402i	-2.1706+0.7087i	1.5657+0.1117i	-1.1724+0.0131i	1.3598-0.4467i	0.8780+0.3133i
66.4	--	1.0729-0.5441i	-4.0613+6.2733i	-2.0234+1.0589i	1.5614-0.0030i	-1.2962+0.1421i	1.2600-0.5900i	0.9756+0.2714i
66.5	--	1.0508-0.6327i	-3.8322+6.6589i	-1.9470+1.1871i	1.5600-0.1435i	-1.3250+0.3315i	1.1749-0.6619i	1.0289+0.1888i
66.6	--	1.0292-0.6667i	-3.7489+7.2231i	-2.0299+1.3228i	1.6224-0.2391i	-1.3656+0.5248i	1.1127-0.7949i	1.0581+0.1469i
66.7	--	0.9991-0.7205i	-3.3607+7.5454i	-2.1600+1.5728i	1.6528-0.3724i	-1.2868+0.7306i	0.9773-0.8707i	1.1352+0.0813i
66.8	--	1.0809-0.8408i	-3.1247+7.8040i	-2.0124+1.6762i	1.6059-0.4877i	-1.3039+0.8529i	0.8858-0.9213i	1.1866+0.0603i
66.9	--	0.9683-0.9781i	-2.8773+7.9878i	-1.9174+1.8461i	1.4997-0.6248i	-1.2766+0.9692i	0.6758-0.9956i	1.2777+0.0077i
67.0	--	0.8194-0.9850i	-2.5424+8.1075i	-2.0171+1.8255i	1.3694-0.6671i	-1.2550+1.0599i	0.5092-1.0157i	1.3489-0.0337i
67.1	--	0.7228-1.0280i	-2.0483+8.1318i	-1.8155+2.0111i	1.2859-0.7247i	-1.1054+1.1965i	0.3969-0.9713i	1.3508-0.1518i
67.2	--	0.6735-1.1268i	-1.8577+8.4294i	-1.6470+2.1523i	1.2148-0.7829i	-1.0795+1.3092i	0.2851-0.9448i	1.4427-0.2451i
67.3	--	0.6963-1.2146i	-1.6096+8.7036i	-1.5447+2.3401i	1.1583-0.8302i	-1.0621+1.3350i	0.1716-0.8517i	1.5319-0.3362i
67.4	--	0.6628-1.2651i	-1.0681+8.8631i	-1.3326+2.5526i	1.1352-0.8311i	-0.9308+1.4339i	0.1360-0.6801i	1.5120-0.5238i
67.5	--	0.4796-1.2929i	-0.6269+8.7926i	-1.1353+2.5792i	1.0432-0.8280i	-0.8779+1.5462i	0.1012-0.5855i	1.5063-0.6939i
67.6	--	0.3291-1.3058i	-0.2786+8.7884i	-0.9767+2.5030i	0.9887-0.8185i	-0.8349+1.6434i	0.0837-0.4559i	1.5214-0.8796i
67.7	--	0.3142-1.2952i	0.0478+8.7456i	-0.7765+2.7172i	1.0114-0.8145i	-0.7986+1.7768i	0.1430-0.3292i	1.4751-1.0793i
67.8	--	0.2749-1.2969i	0.2004+8.8238i	-0.7170+2.7630i	1.0109-0.7894i	-0.7829+1.8756i	0.1880-0.2742i	1.4390-1.2180i
67.9	--	0.2186-1.3259i	0.4792+8.9724i	-0.6948+2.7633i	1.1070-0.8419i	-0.5967+1.9510i	0.3386-0.2365i	1.2470-1.3945i
68.0	--	0.1073-1.3555i	0.7611+8.9701i	-0.4001+2.6845i	1.0972-0.8994i	-0.4674+2.0688i	0.4040-0.2439i	1.1187-1.5217i
68.1	--	-0.1124-1.3790i	1.3050+8.9275i	-0.3554+2.5480i	1.0463-0.9497i	-0.3495+2.1876i	0.4612-0.2869i	0.9556-1.6579i
68.2	--	-0.2224-1.3407i	1.7688+8.9376i	-0.2886+2.4948i	0.9935-0.9989i	-0.2239+2.2835i	0.4920-0.3474i	0.7714-1.6897i
68.3	--	-0.2915-1.3187i	2.0491+9.0748i	-0.3145+2.5062i	1.0114-1.0496i	-0.0616+2.3213i	0.4833-0.3598i	0.6550-1.7365i
68.4	--	-0.4606-1.2456i	2.4277+9.0147i	-0.3609+2.2869i	0.9998-1.0208i	0.1122+2.4098i	0.4764-0.4335i	0.4607-1.7239i
68.5	--	-0.4831-1.2378i	2.8036+9.0648i	-0.3973+2.2767i	1.0843-1.0989i	0.3748+2.4254i	0.3592-0.4976i	0.3764-1.6612i
68.6	--	-0.5793-1.1319i	3.0460+8.9011i	-0.5143+2.4015i	1.1160-1.2050i	0.5767+2.3619i	0.2631-0.3462i	0.3478-1.7231i

68.7	--	-0.5945-1.0757i	3.4215+8.8107i	-0.6191+2.5625i	1.0649-1.3134i	0.6497+2.2505i	0.2332-0.1568i	0.2988-1.7830i
68.8	--	-0.6611-0.9473i	4.0550+8.6915i	-0.7162+2.7541i	0.9714-1.3883i	0.7128+2.2145i	0.3839+0.0038i	0.0958-1.8588i
68.9	--	-0.6847-0.8674i	4.3474+8.4938i	-0.5589+2.8215i	0.8897-1.4224i	0.7783+2.2540i	0.5193+0.1090i	-0.0393-1.9071i
69.0	--	-0.7528-0.8106i	4.8879+8.2848i	-0.6252+2.9504i	0.8155-1.4248i	0.8590+2.3148i	0.7636+0.1058i	-0.2635-1.8969i
69.1	--	-0.7534-0.7670i	4.9957+8.0525i	-0.4938+3.1315i	0.7924-1.4420i	0.9679+2.3044i	0.9563-0.0021i	-0.4537-1.8106i
69.2	--	-0.7242-0.6660i	5.1470+7.7762i	-0.3080+3.2575i	0.7880-1.4373i	1.1234+2.3384i	1.0696-0.1429i	-0.6035-1.6902i
69.3	--	-0.7100-0.5322i	5.4866+7.4331i	-0.3034+3.6186i	0.8275-1.4668i	1.2919+2.4587i	1.1676-0.3783i	-0.7460-1.5065i
69.4	--	-0.6579-0.4995i	5.7700+7.0840i	-0.0363+3.8765i	0.8565-1.5437i	1.5158+2.5077i	1.1647-0.5118i	-0.7847-1.3655i
69.5	--	-0.6522-0.5414i	5.8622+6.7520i	0.3947+3.8035i	0.8836-1.6472i	1.9452+2.4499i	1.1052-0.5873i	-0.7967-1.2651i
69.6	--	-0.6809-0.5513i	6.1859+6.4783i	0.8421+3.6571i	0.8483-1.7435i	2.3916+2.1339i	1.0751-0.5423i	-0.7931-1.2355i
69.7	--	-0.7155-0.4439i	6.3566+6.3788i	0.9124+3.5879i	0.8558-1.8709i	2.5056+1.7948i	1.1542-0.5784i	-0.7817-1.1992i
69.8	--	-0.6452-0.3780i	6.3910+6.1242i	1.0055+3.4830i	0.7360-2.1674i	2.4528+1.3559i	1.1934-0.7846i	-0.8049-1.1094i
69.9	--	-0.6513-0.3615i	6.5376+5.9245i	1.2899+3.4186i	0.5071-2.3257i	2.4251+1.1605i	1.2285-0.8953i	-0.8913-1.1156i
70.0	--	-0.6335-0.3761i	6.6004+5.8195i	1.4961+3.3673i	0.2693-2.3702i	2.3258+1.0202i	1.2141-1.0383i	-0.9561-1.0455i
70.1	--	-0.6315-0.3337i	6.8537+5.6280i	1.6091+3.2230i	0.0393-2.3045i	2.2085+0.9182i	1.1606-1.1912i	-1.0216-0.9390i
70.2	--	-0.6066-0.3024i	6.9733+5.2864i	1.7232+2.9606i	-0.1300-2.2047i	2.1250+0.8790i	1.0955-1.2894i	-1.0602-0.8598i
70.3	--	-0.5741-0.2585i	7.0060+5.0239i	1.7224+2.8657i	-0.2489-2.1522i	2.0563+0.7929i	1.0469-1.3162i	-1.0919-0.8096i
70.4	--	-0.5652-0.2411i	6.9098+4.9125i	1.7183+2.7020i	-0.2693-2.0821i	2.1085+0.8013i	1.0189-1.3215i	-1.1158-0.7677i
70.5	--	-0.5426-0.1965i	6.8456+4.6646i	1.6541+2.6209i	-0.2971-2.0099i	2.1995+0.7764i	1.0129-1.3653i	-1.1758-0.7157i
70.6	--	-0.5490-0.1667i	6.9130+4.4331i	1.6260+2.5216i	-0.3163-1.9913i	2.2692+0.6951i	1.0510-1.4114i	-1.2284-0.6700i
70.7	--	-0.5400-0.2008i	7.0945+4.2933i	1.5706+2.4307i	-0.3320-1.9538i	2.3661+0.5447i	1.0696-1.5344i	-1.2720-0.5558i
70.8	--	-0.5323-0.2283i	7.0645+4.0669i	1.5394+2.4007i	-0.3816-1.9275i	2.3513+0.3830i	1.0555-1.6746i	-1.3114-0.4272i
70.9	--	-0.4798-0.2009i	6.9711+3.8635i	1.5149+2.3894i	-0.4348-1.9257i	2.2948+0.1791i	0.9965-1.8238i	-1.3135-0.2717i
71.0	--	-0.4602-0.1546i	6.8679+3.7879i	1.4404+2.4082i	-0.4485-1.9353i	2.2263+0.0428i	1.0198-1.9769i	-1.3255-0.1370i
71.1	--	-0.4585-0.1167i	6.9777+3.7023i	1.4476+2.4440i	-0.4905-1.9516i	2.1367-0.0986i	0.9091-2.1129i	-1.2684-0.0375i
71.2	--	-0.4091-0.0971i	7.0528+3.7481i	1.5182+2.5503i	-0.5343-1.9789i	2.0020-0.1786i	0.8251-2.2532i	-1.2138+0.0247i
71.3	--	-0.3949-0.1267i	7.0854+3.6368i	1.5855+2.5965i	-0.5893-2.0050i	1.8500-0.2516i	0.7930-2.3750i	-1.2065+0.1093i
71.4	--	-0.4052-0.1445i	7.1174+3.5384i	1.6531+2.5939i	-0.6505-2.0138i	1.6912-0.2763i	0.6771-2.4786i	-1.1646+0.1644i
71.5	--	-0.4408-0.1783i	7.1297+3.4284i	1.6925+2.6158i	-0.7358-2.0057i	1.5076-0.2091i	0.5694-2.6334i	-1.1376+0.2444i
71.6	--	-0.4184-0.2001i	7.2785+3.3208i	1.8495+2.6148i	-0.8527-2.0026i	1.3891-0.0991i	0.4219-2.7717i	-1.1076+0.3339i
71.7	--	-0.3854-0.1259i	7.4275+3.3086i	1.9419+2.6147i	-0.9074-2.0219i	1.3891+0.0153i	0.2550-2.9219i	-1.0671+0.3937i
71.8	--	-0.4426-0.0060i	7.4957+3.2786i	1.8888+2.6257i	-0.9583-2.0191i	1.4022+0.1253i	0.1167-3.1078i	-1.0560+0.4813i
71.9	--	-0.4054-0.0787i	7.6531+3.1854i	2.0563+2.5379i	-1.0485-2.0478i	1.4716+0.1826i	-0.1039-3.2487i	-1.0111+0.5534i
72.0	--	-0.3799-0.0640i	7.7571+3.0960i	2.1270+2.4457i	-1.1303-2.0309i	1.5220+0.2395i	-0.3684-3.4327i	-0.9447+0.6897i
72.1	--	-0.4367-0.0257i	7.9094+2.8405i	2.1583+2.3476i	-1.2605-1.9674i	1.6088+0.2903i	-0.7578-3.5437i	-0.8327+0.8281i
72.2	--	-0.3967-0.0287i	8.1293+2.7500i	2.2307+2.2713i	-1.3578-1.9497i	1.7250+0.2863i	-1.0903-3.5511i	-0.7484+0.8729i
72.3	--	-0.3633-0.0306i	8.4150+2.6859i	2.2186+2.1816i	-1.4527-1.9008i	1.8476+0.2277i	-1.4201-3.4897i	-0.6402+0.9030i
72.4	--	-0.3712+0.0356i	8.4378+2.4653i	2.1107+2.1846i	-1.4866-1.8254i	1.8698+0.1978i	-1.7644-3.3911i	-0.4438+0.9460i
72.5	--	-0.3614+0.0824i	8.5823+2.2752i	2.0685+2.2136i	-1.5375-1.7787i	1.8764+0.1615i	-2.0700-3.2152i	-0.3085+0.9197i
72.6	--	-0.2558+0.0499i	8.6785+1.9811i	2.1603+2.2531i	-1.6445-1.7016i	1.9359+0.1229i	-2.3016-2.9630i	-0.2220+0.8553i
72.7	--	-0.0902+0.0096i	8.8800+1.9089i	2.3080+2.2392i	-1.7126-1.6861i	2.0796+0.0894i	-2.5417-2.7711i	-0.1252+0.8066i
72.8	--	-0.0978+0.0158i	9.0455+1.7937i	2.3000+2.2430i	-1.7725-1.6629i	2.1716-0.0165i	-2.7043-2.6251i	-0.0877+0.7947i
72.9	--	-0.1093+0.0095i	9.1669+1.5769i	2.3789+2.2396i	-1.8341-1.5710i	2.1999-0.0903i	-2.8382-2.4427i	-0.0183+0.7809i
73.0	--	-0.0160-0.0065i	9.1974+1.4289i	2.4472+2.2392i	-1.8893-1.4897i	2.2420-0.1590i	-2.9889-2.2442i	0.0378+0.7613i
73.1	--	0.0834-0.0995i	9.2132+1.0644i	2.6048+2.2069i	-1.9261-1.3715i	2.2290-0.3085i	-3.0748-1.9631i	0.1010+0.7316i
73.2	--	0.0182-0.0573i	9.2986+0.8268i	2.5320+2.2382i	-1.9011-1.2992i	2.2097-0.3843i	-3.1244-1.7766i	0.1508+0.7253i
73.3	--	-0.0076-0.0449i	9.3589+0.4851i	2.5525+2.2421i	-1.8736-1.2105i	2.2339-0.5070i	-3.2100-1.5546i	0.2053+0.6953i
73.4	--	0.0510-0.0201i	9.5145+0.1896i	2.6302+2.2805i	-1.8564-1.2159i	2.2780-0.6187i	-3.2693-1.3192i	0.2793+0.6434i
73.5	--	0.1604-0.0181i	9.4718+0.0354i	2.7691+2.3624i	-1.8607-1.2672i	2.2830-0.6395i	-3.3073-1.1731i	0.3084+0.5851i
73.6	--	0.1464-0.0392i	9.4519-0.2706i	2.9545+2.3666i	-1.9125-1.3179i	2.3446-0.7701i	-3.3344-1.0489i	0.3449+0.5863i
73.7	--	0.1205-0.1597i	9.4181-0.3625i	3.1526+2.2133i	-2.0225-1.3436i	2.3203-0.9401i	-3.3630-0.9727i	0.3955+0.5998i
73.8	--	0.1041-0.1632i	9.4720-0.6042i	3.2671+2.1584i	-2.1753-1.3354i	2.2982-1.1171i	-3.5023-0.8621i	0.4766+0.5843i
73.9	--	0.0541-0.2131i	9.7839-0.8959i	3.3969+1.9995i	-2.4116-1.2809i	2.2355-1.3348i	-3.7026-0.6556i	0.5695+0.5455i
74.0	--	0.1517-0.2190i	9.8636-1.0347i	3.5445+1.8799i	-2.5325-1.1713i	2.1391-1.4737i	-3.8051-0.4219i	0.6504+0.4850i
74.1	--	0.1790-0.2601i	9.8950-1.2422i	3.6247+1.6929i	-2.6300-0.9869i	1.9864-1.5628i	-3.8410-0.1487i	0.7032+0.4145i
74.2	--	0.1923-0.2655i	9.9235-1.4579i	3.6572+1.4944i	-2.6819-0.8386i	1.7916-1.6388i	-3.8890+0.0954i	0.7862+0.3573i
74.3	--	0.1625-0.3873i	9.9916-1.8434i	3.6966+1.2371i	-2.6974-0.6520i	1.5769-1.6941i	-3.8599+0.4208i	0.8633+0.2298i
74.4	--	0.2020-0.5299i	10.0143-1.9845i	3.7700+1.0872i	-2.7274-0.5200i	1.4641-1.6747i	-3.8334+0.6737i	0.8850+0.1237i
74.5	--	0.1384-0.5565i	10.2686-2.3187i	3.7125+0.9795i	-2.7573-0.4241i	1.3671-1.6897i	-3.7994+0.9809i	0.9094-0.0152i
74.6	--	0.0666-0.4592i	10.4640-2.7873i	3.6469+0.8271i	-2.7740-0.3005i	1.2788-1.7032i	-3.7130+1.2718i	0.9025-0.1676i
74.7	--	0.1102-0.5626i	10.3117-3.1316i	3.6241+0.6447i	-2.7336-0.1280i	1.1299-1.6914i	-3.4934+1.5666i	0.8639-0.3038i
74.8	--	0.1194-0.5306i	10.1976-3.5509i	3.6193+0.5561i	-2.7165-0.0041i	1.0189-1.6619i	-3.3608+1.7694i	0.8480-0.3748i
74.9	--	0.0530-0.5641i	10.3460-3.7956i	3.5092+0.4620i	-2.7265+0.0958i	0.9203-1.5835i	-3.2432+1.8757i	0.8006-0.4275i

75.0	--	0.0022-0.6206i	10.3228-4.1992i	3.4707+0.3083i	-2.7129+0.2046i	0.8311-1.5325i	-3.0604+2.0775i	0.7442-0.5259i
75.1	--	-0.0794-0.6395i	10.3604-4.6058i	3.4152+0.2278i	-2.7112+0.3011i	0.7710-1.4541i	-2.9254+2.2299i	0.6863-0.6065i
75.2	--	-0.0071-0.6111i	9.9013-5.1557i	3.3448+0.1254i	-2.6610+0.4622i	0.6494-1.3587i	-2.6610+2.3692i	0.5796-0.6741i
75.3	--	0.0551-0.7559i	9.7397-5.4132i	3.3562+0.0191i	-2.6486+0.5862i	0.6458-1.2526i	-2.5237+2.5253i	0.5276-0.7545i
75.4	--	-0.1071-0.7234i	9.7035-6.0722i	3.2109-0.1628i	-2.6305+0.7901i	0.6665-1.2175i	-2.3288+2.7410i	0.4340-0.8268i
75.5	--	-0.1902-0.7073i	9.5750-6.5223i	3.1078-0.2511i	-2.5542+0.9658i	0.6725-1.2018i	-2.1260+2.8308i	0.3471-0.8287i
75.6	--	-0.2019-0.7471i	9.6042-6.6065i	3.0434-0.2765i	-2.5254+1.0481i	0.6962-1.1760i	-2.0479+2.8927i	0.3043-0.8448i
75.7	--	-0.2613-0.7474i	9.2244-6.8053i	2.9343-0.2791i	-2.3827+1.2022i	0.6956-1.0912i	-1.8253+2.9768i	0.2350-0.8539i
75.8	--	-0.3153-0.7619i	9.0518-7.0817i	2.8786-0.3365i	-2.2875+1.3796i	0.6849-1.0383i	-1.6709+3.0569i	0.2018-0.8544i
75.9	--	-0.2926-0.7725i	8.7393-7.3822i	2.8682-0.3389i	-2.0598+1.4932i	0.7898-0.9878i	-1.4453+3.0975i	0.1565-0.8760i
76.0	--	-0.2895-0.7024i	8.2140-7.8386i	2.7247-0.3718i	-1.8328+1.5723i	0.8371-0.9778i	-1.1478+3.1578i	0.0785-0.8958i
76.1	--	-0.3229-0.7291i	8.1302-7.8622i	2.6272-0.4173i	-1.6747+1.5629i	0.8613-0.9941i	-0.9811+3.2076i	0.0335-0.9199i
76.2	--	-0.3866-0.7873i	7.9500-8.1032i	2.5780-0.5127i	-1.5378+1.5985i	0.8861-1.0065i	-0.7738+3.2609i	-0.0308-0.9513i
76.3	--	-0.3892-0.8794i	7.7694-8.2712i	2.5185-0.5188i	-1.4172+1.6032i	0.8930-1.0413i	-0.5727+3.2844i	-0.0845-0.9722i
76.4	--	-0.3526-0.8497i	7.4570-8.4493i	2.4037-0.5401i	-1.2610+1.5640i	0.8237-1.1363i	-0.3401+3.2337i	-0.1601-0.9750i
76.5	--	-0.3068-0.7562i	7.3700-8.6058i	2.2703-0.5565i	-1.1344+1.5638i	0.8328-1.0118i	-0.1891+3.2351i	-0.2553-0.9827i
76.6	--	-0.3388-0.8520i	7.2925-8.9165i	2.2181-0.5022i	-0.9331+1.5534i	0.9499-1.0120i	0.0395+3.2551i	-0.3224-0.9643i
76.7	--	-0.4449-0.8400i	6.9923-9.2190i	2.1210-0.5072i	-0.7652+1.5086i	0.9663-1.1032i	0.2827+3.1825i	-0.3935-0.9361i
76.8	--	-0.4308-0.9680i	6.7134-9.4336i	2.0062-0.4781i	-0.6555+1.4067i	0.9234-1.1695i	0.5534+3.1366i	-0.4826-0.9355i
76.9	--	-0.4724-0.9821i	6.7776-9.5979i	1.9768-0.4473i	-0.5770+1.2846i	0.9561-1.1417i	0.7520+3.1465i	-0.5420-1.0046i
77.0	--	-0.5098-0.9454i	6.6961-9.7826i	1.9018-0.4120i	-0.5044+1.1880i	0.9463-1.1267i	0.9085+3.0731i	-0.5879-1.0219i
77.1	--	-0.3870-0.8684i	6.4204-10.0446i	1.7291-0.3074i	-0.3989+0.9994i	1.0139-1.1761i	1.1971+2.9129i	-0.7201-0.9879i
77.2	--	-0.4016-0.8623i	6.3881-10.3796i	1.6227-0.2757i	-0.3850+0.8822i	0.9876-1.1775i	1.4354+2.7736i	-0.8474-0.9701i
77.3	--	-0.5510-0.7038i	6.3347-11.0089i	1.6583-0.3968i	-0.3714+0.7920i	0.9797-1.1385i	1.6862+2.5350i	-0.9980-0.9108i
77.4	--	-0.5675-0.6651i	6.0041-11.5842i	1.5704-0.4242i	-0.3813+0.6615i	1.0778-1.1808i	1.7984+2.2820i	-1.0831-0.8078i
77.5	--	-0.5816-0.7844i	5.1585-11.8889i	1.4806-0.1860i	-0.4400+0.4953i	1.0465-1.3152i	1.8852+1.9946i	-1.1505-0.6932i
77.6	--	-0.5449-0.9188i	4.8676-12.7037i	1.4949-0.0341i	-0.5265+0.4011i	1.1035-1.4478i	2.0611+1.8169i	-1.3036-0.6080i
77.7	--	-0.5803-1.0357i	4.5718-13.0311i	1.5043+0.1070i	-0.6064+0.3630i	1.1111-1.5249i	2.1226+1.6450i	-1.4034-0.5108i
77.8	--	-0.6585-1.0747i	3.8224-13.7929i	1.6161+0.2523i	-0.7254+0.3281i	1.0968-1.6335i	2.2386+1.4006i	-1.5187-0.3438i
77.9	--	-0.6018-1.0615i	3.0873-14.2785i	1.6780+0.2828i	-0.8529+0.3051i	1.0567-1.7141i	2.3111+1.1695i	-1.5981-0.1735i
78.0	--	-0.7318-1.0943i	2.6029-14.4491i	1.8001+0.3163i	-0.9454+0.3508i	1.0625-1.7203i	2.2979+0.9433i	-1.6164-0.0139i
78.1	--	-0.9364-1.2558i	1.7291-14.8117i	2.0453+0.3921i	-1.0370+0.4013i	1.0973-1.8561i	2.3397+0.6452i	-1.6650+0.2074i
78.2	--	-0.9764-1.3689i	0.6373-14.9245i	2.2039+0.4446i	-1.0724+0.4790i	1.0109-1.9730i	2.2443+0.3605i	-1.5742+0.4200i
78.3	--	-1.0375-1.2325i	-0.6501-14.7497i	2.1613+0.2649i	-1.0918+0.5740i	0.8420-2.0667i	2.0534+0.0256i	-1.4197+0.6708i
78.4	--	-1.1744-1.2081i	-1.4270-14.7726i	2.2716+0.1965i	-1.1023+0.6430i	0.8008-2.1543i	1.9452-0.1493i	-1.3330+0.8245i
78.5	--	-1.2689-1.0764i	-2.6992-14.3254i	2.2551-0.0179i	-1.0653+0.7743i	0.6768-2.2756i	1.7368-0.4084i	-1.1556+1.0136i
78.6	--	-1.3171-0.9355i	-3.3889-13.9661i	2.2387-0.1573i	-1.0342+0.8376i	0.5831-2.3223i	1.5509-0.5151i	-1.0056+1.0782i
78.7	--	-1.3351-1.0093i	-3.8735-13.5838i	2.1799-0.2017i	-0.9908+0.8877i	0.4473-2.3048i	1.3463-0.5421i	-0.8426+1.0891i
78.8	--	-1.2274-0.9980i	-4.6961-13.3951i	2.0425-0.3830i	-0.9387+0.9764i	0.3029-2.4064i	1.1848-0.6309i	-0.6867+1.1767i
78.9	--	-1.0167-0.9599i	-5.3820-13.1674i	1.7665-0.7834i	-0.8947+1.0424i	0.1386-2.4097i	1.0418-0.6604i	-0.5592+1.2041i
79.0	--	-1.0755-1.3045i	-6.1051-12.3178i	1.0980-0.7006i	-0.7944+1.1127i	-0.0395-2.2419i	0.8540-0.6698i	-0.3991+1.1681i
79.1	--	-1.7844-1.6870i	-7.1413-11.7007i	1.4155+0.3201i	-0.6155+1.0832i	-0.0919-2.2399i	0.5907-0.6541i	-0.1678+1.1553i
79.2	--	-2.1478-1.4052i	-7.5714-11.0165i	1.8525+0.4022i	-0.5300+1.0132i	-0.1337-2.1925i	0.4534-0.5660i	-0.0336+1.0710i
79.3	--	-2.3286-1.1368i	-7.7806-10.5235i	2.0811+0.2821i	-0.4769+0.8689i	-0.2327-2.2015i	0.3348-0.4532i	0.0770+0.9755i
79.4	--	-2.3227-0.9124i	-8.1222-9.8854i	2.0931+0.1398i	-0.4639+0.7944i	-0.1895-2.1847i	0.2946-0.3417i	0.1241+0.8301i
79.5	--	-2.4303-0.7161i	-8.5322-9.1353i	2.0622+0.0448i	-0.5105+0.7418i	-0.2279-2.1851i	0.2687-0.2758i	0.1299+0.7475i
79.6	--	-2.3662-0.4766i	-8.6578-8.3044i	1.8863+0.0158i	-0.5450+0.7293i	-0.3066-2.1479i	0.2540-0.2166i	0.1310+0.6856i
79.7	--	-2.5055-0.4607i	-9.1164-7.3910i	2.1156+0.1023i	-0.5572+0.7091i	-0.4908-2.2017i	0.2317-0.1683i	0.1857+0.6589i
79.8	--	-2.4852-0.3133i	-9.4526-6.6626i	1.9941+0.1392i	-0.5619+0.6660i	-0.6309-2.2050i	0.1534-0.1252i	0.2671+0.6267i
79.9	--	-2.5224-0.3455i	-9.1198-6.3053i	2.2877+0.1389i	-0.6326+0.6503i	-0.6273-2.1886i	0.1770-0.0463i	0.2291+0.5636i
80.0	--	-2.3708-0.2519i	-8.8689-5.6404i	2.2711+0.3326i	-0.6576+0.6333i	-0.6835-2.1141i	0.1406+0.0050i	0.2442+0.5095i

2.1.77 Run 7 – VT270 – Accels 33–40

Vertical shaking at 270°. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	2.1893+0.0000i	0.8538+0.0000i	-2.9791+0.0000i	-1.6691+0.0000i	8.3293+0.0000i	3.3181+0.0000i	4.7736+0.0000i	2.5797+0.0000i
0.1	-0.2851-0.6674i	-0.0535+0.0465i	-0.5638-0.0687i	0.1039-0.0760i	2.0561+0.6907i	1.5020+0.3705i	0.2608-0.0406i	0.4163-0.1959i
0.2	0.0863-0.4462i	-0.0224+0.1649i	-0.0338+0.3817i	0.0789+0.0084i	0.3107-0.1663i	0.2520-0.0506i	-0.1747+0.0333i	-0.0784-0.0875i
0.3	0.0432-0.0918i	0.0352-0.0255i	-0.0296-0.0234i	0.0035+0.0031i	0.0561-0.0799i	-0.0260-0.0345i	-0.0237+0.0377i	-0.0479-0.0472i
0.4	-0.0219-0.0016i	0.0125-0.0350i	-0.0076-0.0237i	0.0193+0.0199i	0.0297-0.0186i	-0.0129-0.0154i	0.0243+0.0214i	-0.0039-0.0072i
0.5	-0.0067-0.0009i	-0.0154-0.0157i	-0.0100+0.0209i	0.0122+0.0079i	0.0320-0.0400i	0.0096+0.0045i	0.0149-0.0025i	-0.0142+0.0096i
0.6	0.0075+0.0121i	-0.0014-0.0002i	-0.0136+0.0145i	-0.0071-0.0065i	0.0207-0.0073i	-0.0101+0.0119i	0.0069-0.0058i	-0.0115+0.0061i
0.7	0.0093+0.0019i	0.0040-0.0010i	-0.0024-0.0017i	-0.0020-0.0015i	0.0108+0.0163i	-0.0051-0.0025i	0.0027-0.0084i	-0.0045+0.0004i
0.8	0.0015-0.0040i	0.0051+0.0007i	-0.0006-0.0017i	-0.0002+0.0026i	0.0081+0.0184i	-0.0040-0.0049i	-0.0034-0.0013i	-0.0025-0.0023i
0.9	-0.0001+0.0036i	0.0065+0.0005i	0.0034-0.0043i	0.0012+0.0033i	0.0220+0.0161i	-0.0027-0.0018i	-0.0023+0.0011i	-0.0023-0.0017i
1.0	-0.0012+0.0034i	0.0015+0.0013i	0.0001-0.0033i	-0.0046+0.0039i	0.0078+0.0028i	-0.0035-0.0005i	-0.0002+0.0020i	-0.0017-0.0001i
1.1	-0.0041+0.0000i	-0.0010-0.0016i	-0.0028-0.0024i	-0.0048+0.0002i	-0.0271+0.0087i	-0.0056-0.0011i	-0.0006-0.0010i	-0.0016-0.0009i
1.2	-0.0021-0.0006i	-0.0013-0.0020i	-0.0069-0.0008i	-0.0028-0.0031i	-0.0228-0.0017i	-0.0035-0.0017i	-0.0015-0.0017i	-0.0004-0.0013i
1.3	-0.0029-0.0012i	-0.0027-0.0009i	-0.0060-0.0017i	-0.0062-0.0014i	0.0182-0.0200i	-0.0030+0.0003i	-0.0009-0.0002i	0.0003+0.0003i
1.4	-0.0057-0.0001i	-0.0025-0.0010i	-0.0053-0.0004i	-0.0076+0.0010i	0.0017-0.0080i	-0.0045+0.0015i	-0.0035-0.0003i	-0.0008+0.0003i
1.5	-0.0071-0.0007i	-0.0018-0.0028i	-0.0065-0.0027i	-0.0057+0.0014i	-0.0140-0.0007i	-0.0050+0.0003i	-0.0053-0.0011i	-0.0017+0.0008i
1.6	-0.0092-0.0035i	-0.0033-0.0051i	-0.0086-0.0022i	-0.0115+0.0005i	0.0008-0.0123i	-0.0049-0.0004i	-0.0027+0.0012i	0.0002+0.0010i
1.7	-0.0103-0.0015i	-0.0067-0.0037i	-0.0107-0.0010i	-0.0134+0.0006i	0.0063-0.0024i	-0.0067-0.0018i	-0.0010+0.0014i	0.0001+0.0010i
1.8	-0.0123-0.0009i	-0.0008+0.0040i	-0.0124-0.0006i	-0.0151-0.0032i	0.0050+0.0098i	-0.0079-0.0015i	-0.0033-0.0002i	0.0018-0.0003i
1.9	-0.0200-0.0026i	0.0021+0.0073i	-0.0144-0.0002i	-0.0196-0.0001i	0.0133+0.0012i	-0.0068-0.0015i	-0.0064+0.0003i	0.0009-0.0007i
2.0	-0.0256-0.0044i	0.0024+0.0094i	-0.0162-0.0005i	-0.0254+0.0006i	0.0077-0.0137i	-0.0071-0.0015i	-0.0065-0.0009i	-0.0003-0.0001i
2.1	-0.0410-0.0059i	0.0159+0.0073i	-0.0168-0.0014i	-0.0371-0.0040i	0.0188-0.0079i	-0.0089-0.0013i	-0.0097-0.0003i	-0.0007+0.0004i
2.2	-0.0565+0.0007i	0.0173-0.0027i	-0.0173-0.0017i	-0.0533-0.0011i	0.0208-0.0107i	-0.0074-0.0012i	-0.0124+0.0003i	-0.0002+0.0004i
2.3	-0.1090+0.0312i	0.0046-0.0056i	-0.0174-0.0045i	-0.1090+0.0318i	0.0109-0.0019i	-0.0050-0.0045i	-0.0222+0.0051i	-0.0001-0.0004i
2.4	0.0104+0.1940i	0.0039-0.0059i	-0.0240-0.0141i	0.0145+0.1979i	0.0260-0.0093i	-0.0142-0.0181i	0.0009+0.0335i	-0.0016-0.0009i
2.5	0.1446+0.1526i	0.0030-0.0061i	-0.0328-0.0107i	0.1501+0.1527i	0.0108-0.0157i	-0.0280-0.0131i	0.0238+0.0245i	-0.0019-0.0001i
2.6	0.0860+0.0277i	0.0025-0.0033i	-0.0342-0.0037i	0.0887+0.0270i	0.0126-0.0086i	-0.0242-0.0029i	0.0110+0.0029i	-0.0019+0.0014i
2.7	0.0627+0.0107i	0.0017-0.0021i	-0.0347-0.0030i	0.0644+0.0103i	0.0108-0.0069i	-0.0240-0.0019i	0.0070+0.0020i	-0.0038+0.0018i
2.8	0.0451+0.0067i	0.0018-0.0021i	-0.0363-0.0040i	0.0466+0.0067i	-0.0080-0.0025i	-0.0234-0.0032i	0.0028+0.0004i	-0.0053+0.0022i
2.9	0.0359+0.0045i	0.0022-0.0020i	-0.0378-0.0030i	0.0384+0.0053i	-0.0223+0.0120i	-0.0239-0.0029i	0.0007-0.0011i	-0.0035+0.0007i
3.0	0.0313+0.0044i	0.0037-0.0032i	-0.0417-0.0023i	0.0337+0.0047i	-0.0009+0.0108i	-0.0253-0.0021i	0.0004-0.0010i	-0.0007+0.0003i
3.1	0.0290+0.0081i	0.0043-0.0043i	-0.0467-0.0026i	0.0287+0.0074i	0.0202+0.0132i	-0.0278-0.0020i	0.0006-0.0002i	0.0005-0.0001i
3.2	0.0311+0.0104i	0.0015-0.0036i	-0.0493-0.0018i	0.0303+0.0085i	-0.0300+0.0191i	-0.0307-0.0026i	-0.0006-0.0024i	0.0012+0.0057i
3.3	0.0299+0.0087i	0.0005-0.0023i	-0.0524-0.0021i	0.0338+0.0059i	-0.0329-0.0158i	-0.0334-0.0045i	-0.0018-0.0018i	0.0035+0.0063i
3.4	0.0260+0.0052i	0.0004-0.0014i	-0.0558-0.0041i	0.0300+0.0054i	-0.0036-0.0314i	-0.0358-0.0027i	-0.0033+0.0008i	0.0017-0.0018i
3.5	0.0256+0.0061i	-0.0001-0.0042i	-0.0605-0.0054i	0.0258+0.0127i	0.0785+0.0171i	-0.0393-0.0020i	-0.0020+0.0041i	0.0018-0.0064i
3.6	0.0347+0.0017i	0.0074-0.0012i	-0.0653+0.0017i	0.0389+0.0043i	0.0899+0.0049i	-0.0385+0.0062i	-0.0044-0.0013i	0.0104+0.0013i
3.7	0.0276-0.0026i	0.0062+0.0004i	-0.0627+0.0062i	0.0318-0.0034i	-0.0777+0.0587i	-0.0372+0.0054i	-0.0049-0.0050i	0.0089+0.0015i
3.8	0.0235-0.0003i	0.0063-0.0002i	-0.0703+0.0015i	0.0263-0.0004i	-0.0001+0.0169i	-0.0391+0.0007i	-0.0089-0.0021i	-0.0038-0.0009i
3.9	0.0238+0.0002i	0.0059-0.0020i	-0.0739-0.0010i	0.0254-0.0010i	0.0039-0.0016i	-0.0411+0.0007i	-0.0093-0.0002i	0.0005+0.0045i
4.0	0.0241-0.0004i	0.0043-0.0017i	-0.0774-0.0016i	0.0256-0.0005i	0.0037-0.0029i	-0.0430-0.0000i	-0.0088+0.0005i	0.0048+0.0039i
4.1	0.0233-0.0005i	0.0032-0.0005i	-0.0820-0.0022i	0.0255-0.0005i	-0.0023+0.0000i	-0.0459-0.0007i	-0.0088+0.0008i	0.0070+0.0007i
4.2	0.0228-0.0004i	0.0031+0.0007i	-0.0886-0.0017i	0.0245-0.0003i	-0.0025+0.0024i	-0.0493-0.0006i	-0.0098+0.0011i	0.0062-0.0040i
4.3	0.0227-0.0003i	0.0031+0.0025i	-0.0939-0.0021i	0.0245+0.0001i	-0.0006+0.0024i	-0.0527+0.0007i	-0.0106+0.0014i	0.0083-0.0096i
4.4	0.0221-0.0006i	0.0045+0.0049i	-0.1003-0.0029i	0.0240+0.0010i	-0.0027+0.0126i	-0.0554-0.0001i	-0.0093+0.0039i	0.0078-0.0218i
4.5	0.0209-0.0024i	0.0047+0.0071i	-0.1069-0.0032i	0.0234+0.0021i	-0.0024+0.0034i	-0.0576-0.0006i	-0.0041+0.0052i	0.0128-0.0363i
4.6	0.0212-0.0028i	0.0046+0.0121i	-0.1131-0.0033i	0.0256+0.0043i	0.0122-0.0050i	-0.0624-0.0037i	-0.0009+0.0026i	0.0094-0.0610i
4.7	0.0229+0.0032i	0.0137+0.0199i	-0.1233-0.0034i	0.0260+0.0078i	0.0453+0.0028i	-0.0668-0.0064i	-0.0006-0.0116i	-0.0517-0.0964i
4.8	0.0366+0.0029i	0.0440+0.0124i	-0.1318+0.0007i	0.0379+0.0050i	0.0581+0.0062i	-0.0729-0.0022i	-0.0395-0.0073i	-0.2216-0.0146i
4.9	0.0347-0.0054i	0.0405-0.0084i	-0.1320-0.0005i	0.0398-0.0028i	0.0419-0.0047i	-0.0728-0.0014i	-0.0362+0.0183i	-0.1812+0.1316i
5.0	0.0231+0.0011i	0.0114-0.0167i	-0.1545-0.0137i	0.0316+0.0053i	0.0038-0.0054i	-0.0818-0.0120i	-0.0136-0.0033i	0.0159+0.1468i
5.1	0.0301+0.0034i	0.0111-0.0120i	-0.1699-0.0140i	0.0391+0.0139i	0.0074-0.0059i	-0.0947-0.0123i	-0.0350-0.0031i	0.0191+0.1291i
5.2	0.0379-0.0064i	0.0086-0.0133i	-0.1823-0.0092i	0.0562+0.0081i	0.0095-0.0295i	-0.1039-0.0068i	-0.0498+0.0273i	0.0555+0.1451i
5.3	0.0297-0.0290i	-0.0001-0.0118i	-0.1969+0.0084i	0.0683-0.0352i	-0.0003-0.0251i	-0.1085+0.0134i	-0.0028+0.1036i	0.1615+0.1247i
5.4	-0.0095-0.0030i	0.0049+0.0024i	-0.1913+0.0100i	-0.0030-0.0329i	-0.0006+0.0485i	-0.0866+0.0091i	0.1263+0.0033i	0.1618-0.0351i
5.5	0.0097+0.0209i	0.0072+0.0046i	-0.2132+0.0012i	0.0078+0.0134i	0.0082+0.0387i	-0.1010-0.0067i	0.0475-0.0837i	0.0898-0.1215i
5.6	0.0178+0.0213i	0.0062+0.0107i	-0.2291+0.0043i	0.0227+0.0184i	0.0131+0.0237i	-0.1096-0.0072i	0.0235-0.0867i	0.0494-0.1781i

5.7	0.0210+0.0247i	0.0159+0.0154i	-0.2428+0.0061i	0.0267+0.0227i	0.0066+0.0160i	-0.1157-0.0100i	0.0138-0.0959i	-0.0771-0.1889i
5.8	0.0303+0.0322i	0.0243+0.0108i	-0.2586+0.0103i	0.0381+0.0296i	0.0105+0.0121i	-0.1252-0.0126i	-0.0109-0.1191i	-0.1471-0.1134i
5.9	0.0430+0.0345i	0.0305+0.0050i	-0.2757+0.0100i	0.0502+0.0315i	0.0153+0.0058i	-0.1362-0.0145i	-0.0530-0.1258i	-0.2212-0.0098i
6.0	0.0536+0.0320i	0.0325-0.0051i	-0.2967+0.0089i	0.0633+0.0309i	0.0161+0.0038i	-0.1484-0.0134i	-0.0803-0.1108i	-0.2014+0.1509i
6.1	0.0597+0.0292i	0.0270-0.0104i	-0.3209+0.0111i	0.0729+0.0273i	0.0155-0.0023i	-0.1583-0.0113i	-0.0877-0.1073i	-0.0858+0.1911i
6.2	0.0690+0.0312i	0.0193-0.0093i	-0.3608+0.0182i	0.0864+0.0271i	0.0121+0.0003i	-0.1728-0.0094i	-0.1102-0.1110i	0.0288+0.1526i
6.3	0.0780+0.0322i	0.0178-0.0061i	-0.3936+0.0266i	0.0970+0.0277i	0.0106+0.0014i	-0.1837-0.0068i	-0.1319-0.1072i	0.0361+0.1160i
6.4	0.0880+0.0322i	0.0179-0.0039i	-0.4305+0.0374i	0.1091+0.0281i	0.0111+0.0043i	-0.1946-0.0034i	-0.1591-0.1069i	0.0196+0.0959i
6.5	0.1031+0.0326i	0.0187-0.0021i	-0.4789+0.0505i	0.1280+0.0278i	0.0055+0.0048i	-0.2066+0.0007i	-0.1941-0.1015i	0.0061+0.1154i
6.6	0.1284+0.0360i	0.0212+0.0015i	-0.5432+0.0725i	0.1601+0.0295i	0.0004+0.0104i	-0.2177+0.0010i	-0.2234-0.0936i	0.0207+0.1343i
6.7	0.1558+0.0382i	0.0252+0.0031i	-0.6065+0.0978i	0.1938+0.0291i	-0.0011+0.0111i	-0.2293-0.0021i	-0.2577-0.0950i	0.0253+0.1729i
6.8	0.2087+0.0283i	0.0313+0.0014i	-0.7403+0.1553i	0.2619+0.0141i	0.0012+0.0132i	-0.2554-0.0029i	-0.3457-0.0892i	0.0482+0.2727i
6.9	0.2701+0.0053i	0.0367-0.0029i	-0.8730+0.2481i	0.3381-0.0203i	0.0049+0.0047i	-0.2810-0.0010i	-0.4222-0.0739i	0.1388+0.3159i
7.0	0.3674-0.0965i	0.0376-0.0118i	-1.0164+0.5729i	0.4493-0.1608i	0.0157+0.0163i	-0.3259+0.0163i	-0.5850+0.0346i	0.3311+0.3225i
7.1	0.4154-0.2593i	0.0317-0.0177i	-0.9955+0.9791i	0.4908-0.3692i	0.0143+0.0471i	-0.3578+0.0544i	-0.7189+0.2493i	0.4968+0.2655i
7.2	0.2265-0.5111i	0.0320-0.0122i	-0.3669+1.3556i	0.2311-0.6581i	0.0227+0.0348i	-0.3195+0.1392i	-0.5044+0.7402i	0.7315+0.1104i
7.3	-0.0042-0.5672i	0.0387-0.0211i	0.1607+1.2602i	-0.0543-0.7108i	0.0413+0.0182i	-0.2613+0.1282i	-0.0862+0.8601i	0.8486-0.4127i
7.4	-0.1976-0.4659i	0.0236-0.0383i	0.4547+0.8821i	-0.2931-0.5786i	0.0406-0.0055i	-0.2761+0.0648i	0.2055+0.5943i	0.2338-0.9001i
7.5	-0.2465-0.3105i	0.0092-0.0283i	0.4247+0.5143i	-0.3508-0.3762i	0.0392-0.0106i	-0.3134+0.0525i	0.1962+0.3860i	-0.1801-0.6250i
7.6	-0.2249-0.2129i	0.0091-0.0162i	0.2728+0.3090i	-0.3132-0.2492i	0.0420-0.0188i	-0.3300+0.0480i	0.1391+0.3041i	-0.2133-0.3231i
7.7	-0.1856-0.1743i	0.0131-0.0133i	0.1359+0.2302i	-0.2603-0.2016i	0.0262-0.0169i	-0.3575+0.0297i	0.1008+0.2773i	-0.1717-0.2108i
7.8	-0.1732-0.1656i	0.0137-0.0138i	0.0288+0.1891i	-0.2430-0.1910i	0.0125-0.0009i	-0.4156-0.0002i	0.0839+0.2736i	-0.1497-0.1506i
7.9	-0.1834-0.1560i	0.0105-0.0126i	-0.0547+0.1676i	-0.2547-0.1778i	0.0242-0.0036i	-0.5068-0.0028i	0.0930+0.2838i	-0.1158-0.1362i
8.0	-0.1913-0.1287i	0.0118-0.0069i	-0.1228+0.1718i	-0.2607-0.1420i	0.0255+0.0022i	-0.5613+0.0562i	0.1068+0.2765i	-0.1365-0.1462i
8.1	-0.1969-0.1196i	0.0129-0.0062i	-0.1940+0.1730i	-0.2649-0.1285i	0.0201+0.0016i	-0.6162+0.0886i	0.1219+0.2956i	-0.1748-0.0665i
8.2	-0.2072-0.1060i	0.0117-0.0054i	-0.2543+0.1714i	-0.2747-0.1105i	0.0197+0.0020i	-0.6748+0.1200i	0.1615+0.3039i	-0.1580-0.0099i
8.3	-0.2149-0.0857i	0.0105-0.0032i	-0.3215+0.1764i	-0.2814-0.0857i	0.0169+0.0006i	-0.7314+0.1577i	0.2046+0.2818i	-0.1076+0.0302i
8.4	-0.2186-0.0704i	0.0099-0.0004i	-0.3915+0.1993i	-0.2833-0.0669i	0.0184+0.0006i	-0.7909+0.2000i	0.2215+0.2446i	-0.0664+0.0296i
8.5	-0.2263-0.0558i	0.0094+0.0022i	-0.4693+0.2134i	-0.2896-0.0495i	0.0163+0.0011i	-0.8662+0.2333i	0.2454+0.2125i	-0.0362+0.0347i
8.6	-0.2346-0.0409i	0.0093+0.0048i	-0.5755+0.2465i	-0.2992-0.0315i	0.0165+0.0083i	-0.9838+0.2917i	0.2606+0.1820i	-0.0106+0.0357i
8.7	-0.2506-0.0230i	0.0088+0.0089i	-0.7074+0.3113i	-0.3182-0.0089i	0.0237+0.0093i	-1.1374+0.3890i	0.2685+0.1500i	0.0415+0.0452i
8.8	-0.2694-0.0021i	0.0082+0.0124i	-0.8515+0.3882i	-0.3424+0.0171i	0.0237+0.0136i	-1.3138+0.5070i	0.2743+0.1176i	0.0643+0.0524i
8.9	-0.2833+0.0299i	0.0050+0.0186i	-1.0002+0.5561i	-0.3600+0.0578i	0.0076+0.0133i	-1.4879+0.7451i	0.2808+0.0788i	0.2084+0.0596i
9.0	-0.2899+0.0709i	0.0044+0.0285i	-1.0642+0.8035i	-0.3653+0.1099i	0.0048+0.0353i	-1.5492+1.0828i	0.2540+0.0320i	0.2680-0.1616i
9.1	-0.2758+0.1146i	0.0118+0.0394i	-1.0602+1.0443i	-0.3494+0.1648i	0.0210+0.0307i	-1.5066+1.4123i	0.1766+0.0365i	0.0590-0.3564i
9.2	-0.3089+0.1504i	0.0151+0.0490i	-1.3058+1.3300i	-0.3910+0.2135i	0.0197+0.0325i	-1.8162+1.7908i	0.1960+0.0868i	-0.0503-0.2899i
9.3	-0.3034+0.2864i	0.0315+0.0656i	-1.1857+2.2252i	-0.3781+0.3895i	0.0218+0.0650i	-1.6329+2.9940i	0.2477+0.0565i	-0.0736-0.3263i
9.4	-0.1729+0.3945i	0.0615+0.0667i	-0.2831+2.8267i	-0.2035+0.5232i	0.0500+0.0722i	-0.3947+3.7968i	0.2497+0.0054i	-0.2404-0.3567i
9.5	0.0267+0.3872i	0.0886+0.0456i	0.9776+2.6340i	0.0570+0.5041i	0.0925+0.0550i	1.3241+3.5239i	0.2166-0.0554i	-0.4508-0.2080i
9.6	0.0966+0.2852i	0.0850+0.0269i	1.3244+1.9250i	0.1423+0.3688i	0.1005+0.0277i	1.7978+2.5590i	0.1774-0.0575i	-0.4618-0.0215i
9.7	0.1183+0.1992i	0.0754+0.0172i	1.3906+1.3287i	0.1672+0.2563i	0.0953+0.0063i	1.8947+1.7527i	0.1487-0.0530i	-0.4076+0.1469i
9.8	0.1056+0.1412i	0.0701+0.0134i	1.2539+0.9610i	0.1489+0.1824i	0.0770+0.0085i	1.7200+1.2554i	0.1364-0.0443i	-0.3067+0.2573i
9.9	0.0883+0.1000i	0.0646+0.0136i	1.0959+0.7128i	0.1251+0.1282i	0.0677+0.0124i	1.5184+0.9194i	0.1297-0.0405i	-0.1804+0.2931i
10.0	0.0776+0.0790i	0.0632+0.0174i	0.9813+0.5924i	0.1100+0.1011i	0.0709+0.0219i	1.3743+0.7542i	0.1233-0.0478i	-0.0587+0.3092i
10.1	0.0630+0.0651i	0.0627+0.0214i	0.8484+0.5089i	0.0903+0.0822i	0.0840+0.0304i	1.2091+0.6379i	0.1105-0.0563i	0.0297+0.2557i
10.2	0.0535+0.0579i	0.0626+0.0257i	0.7680+0.4791i	0.0783+0.0718i	0.0731+0.0369i	1.1120+0.5918i	0.0943-0.0631i	0.0806+0.1951i
10.3	0.0474+0.0531i	0.0653+0.0269i	0.7130+0.4721i	0.0696+0.0651i	0.0664+0.0277i	1.0439+0.5725i	0.0737-0.0620i	0.1096+0.1337i
10.4	0.0460+0.0468i	0.0687+0.0299i	0.7008+0.4478i	0.0661+0.0575i	0.0749+0.0379i	1.0269+0.5413i	0.0538-0.0428i	0.1056+0.1246i
10.5	0.0454+0.0407i	0.0728+0.0331i	0.7074+0.4116i	0.0650+0.0500i	0.0872+0.0311i	1.0411+0.5013i	0.0481-0.0271i	0.1473+0.1168i
10.6	0.0430+0.0335i	0.0765+0.0357i	0.6990+0.3536i	0.0613+0.0414i	0.0862+0.0319i	1.0438+0.4289i	0.0448-0.0200i	0.1839+0.0818i
10.7	0.0404+0.0265i	0.0830+0.0369i	0.6684+0.2925i	0.0568+0.0322i	0.1002+0.0437i	1.0185+0.3487i	0.0435-0.0161i	0.2169+0.0287i
10.8	0.0353+0.0222i	0.0869+0.0385i	0.6188+0.2433i	0.0509+0.0259i	0.0953+0.0406i	0.9667+0.2838i	0.0423-0.0122i	0.2488-0.0103i
10.9	0.0288+0.0181i	0.0911+0.0393i	0.5628+0.2052i	0.0435+0.0201i	0.0874+0.0436i	0.9109+0.2351i	0.0369-0.0055i	0.2655-0.0487i
11.0	0.0240+0.0153i	0.0956+0.0381i	0.5095+0.1871i	0.0363+0.0162i	0.1109+0.0451i	0.8598+0.2093i	0.0350+0.0013i	0.3203-0.1395i
11.1	0.0206+0.0137i	0.0992+0.0397i	0.4788+0.1801i	0.0325+0.0147i	0.1203+0.0409i	0.8328+0.1970i	0.0337+0.0052i	0.3442-0.2328i
11.2	0.0171+0.0106i	0.1050+0.0419i	0.4473+0.1703i	0.0282+0.0108i	0.1246+0.0594i	0.8069+0.1785i	0.0323+0.0105i	0.3455-0.4263i
11.3	0.0132+0.0095i	0.1106+0.0444i	0.4069+0.1564i	0.0236+0.0088i	0.1229+0.0547i	0.7744+0.1561i	0.0340+0.0177i	0.1630-0.6067i
11.4	0.0108+0.0101i	0.1145+0.0460i	0.3823+0.1499i	0.0208+0.0082i	0.1295+0.0558i	0.7526+0.1445i	0.0329+0.0212i	-0.0460-0.6475i
11.5	0.0082+0.0093i	0.1175+0.0441i	0.3514+0.1471i	0.0174+0.0070i	0.1420+0.0473i	0.7298+0.1393i	0.0306+0.0224i	-0.2132-0.5884i
11.6	0.0041+0.0087i	0.1230+0.0426i	0.3148+0.1409i	0.0136+0.0062i	0.1530+0.0446i	0.7006+0.1315i	0.0286+0.0260i	-0.3729-0.4914i
11.7	0.0020+0.0091i	0.1267+0.0434i	0.2860+0.1367i	0.0107+0.0045i	0.1457+0.0416i	0.6787+0.1254i	0.0291+0.0291i	-0.4654-0.3953i
11.8	0.0006+0.0095i	0.1282+0.0445i	0.2554+0.1375i	0.0075+0.0032i	0.1368+0.0469i	0.6622+0.1237i	0.0279+0.0324i	-0.5411-0.3574i
11.9	-0.0023+0.0095i	0.1267+0.0474i	0.2212+0.1450i	0.0058+0.0035i	0.1500+0.0645i	0.6467+0.1258i	0.0232+0.0413i	-0.5735-0.2890i

12.0	-0.0050+0.0100i	0.1268+0.0514i	0.1934+0.1522i	0.0054+0.0031i	0.1654+0.0677i	0.6390+0.1294i	0.0167+0.0455i	-0.6102-0.2238i
12.1	-0.0088+0.0115i	0.1236+0.0596i	0.1613+0.1637i	0.0037+0.0017i	0.1634+0.0599i	0.6311+0.1368i	0.0112+0.0552i	-0.6855-0.1486i
12.2	-0.0105+0.0138i	0.1201+0.0709i	0.1372+0.1798i	0.0018+0.0002i	0.1568+0.0674i	0.6300+0.1456i	0.0049+0.0758i	-0.7229-0.0708i
12.3	-0.0125+0.0164i	0.1195+0.0880i	0.1191+0.2005i	0.0002-0.0007i	0.1504+0.1044i	0.6367+0.1543i	0.0076+0.0961i	-0.7792+0.0301i
12.4	-0.0156+0.0186i	0.1203+0.1104i	0.1072+0.2199i	-0.0006-0.0040i	0.1567+0.1205i	0.6538+0.1595i	0.0187+0.1173i	-0.8201+0.1685i
12.5	-0.0168+0.0229i	0.1252+0.1395i	0.1028+0.2348i	-0.0030-0.0081i	0.1559+0.1467i	0.6752+0.1538i	0.0366+0.1406i	-0.8104+0.3545i
12.6	-0.0155+0.0278i	0.1414+0.1706i	0.0974+0.2399i	-0.0067-0.0116i	0.1823+0.1735i	0.6900+0.1415i	0.0571+0.1552i	-0.7613+0.4586i
12.7	-0.0116+0.0346i	0.1818+0.2101i	0.0863+0.2458i	-0.0135-0.0140i	0.2432+0.2155i	0.7047+0.1250i	0.0739+0.1566i	-0.7172+0.5029i
12.8	-0.0089+0.0407i	0.2233+0.2482i	0.0746+0.2459i	-0.0222-0.0175i	0.2832+0.2573i	0.7186+0.1054i	0.0956+0.1591i	-0.6520+0.5792i
12.9	-0.0004+0.0438i	0.2927+0.2587i	0.0611+0.2513i	-0.0326-0.0138i	0.3608+0.2789i	0.7297+0.0787i	0.1213+0.1621i	-0.6513+0.7487i
13.0	0.0072+0.0426i	0.3709+0.2494i	0.0460+0.2483i	-0.0438-0.0078i	0.4524+0.2376i	0.7299+0.0541i	0.1520+0.1524i	-0.5729+0.8144i
13.1	0.0120+0.0400i	0.4247+0.2265i	0.0288+0.2553i	-0.0492-0.0002i	0.5145+0.2057i	0.7217+0.0377i	0.1774+0.1528i	-0.4488+0.9252i
13.2	0.0179+0.0355i	0.4797+0.1937i	0.0057+0.2626i	-0.0518+0.0117i	0.5850+0.1738i	0.7208+0.0260i	0.2095+0.1583i	-0.3302+1.0433i
13.3	0.0200+0.0312i	0.5152+0.1462i	-0.0194+0.2836i	-0.0492+0.0258i	0.6315+0.1114i	0.7205+0.0293i	0.2522+0.1375i	-0.2192+1.0408i
13.4	0.0200+0.0284i	0.5347+0.1075i	-0.0341+0.3031i	-0.0432+0.0343i	0.6527+0.0641i	0.7287+0.0322i	0.2740+0.1041i	-0.2461+1.0971i
13.5	0.0201+0.0255i	0.5444+0.0773i	-0.0325+0.3205i	-0.0313+0.0351i	0.6561+0.0211i	0.7482+0.0247i	0.2783+0.0882i	-0.0695+1.3591i
13.6	0.0211+0.0237i	0.5528+0.0474i	-0.0321+0.3234i	-0.0185+0.0298i	0.6455-0.0242i	0.7778+0.0171i	0.2848+0.0711i	0.2239+1.4210i
13.7	0.0230+0.0240i	0.5679+0.0354i	-0.0373+0.3193i	-0.0108+0.0210i	0.6553-0.0174i	0.8173+0.0091i	0.3019+0.0572i	0.4496+1.3368i
13.8	0.0242+0.0239i	0.5844+0.0186i	-0.0514+0.3099i	-0.0107+0.0120i	0.6910-0.0333i	0.8569-0.0174i	0.3205+0.0343i	0.6042+1.2023i
13.9	0.0247+0.0215i	0.6016+0.0064i	-0.0707+0.2959i	-0.0180+0.0046i	0.7210-0.0637i	0.8887-0.0507i	0.3363+0.0229i	0.8350+1.1661i
14.0	0.0273+0.0198i	0.6336-0.0060i	-0.1130+0.2731i	-0.0289-0.0028i	0.7635-0.0791i	0.9286-0.1046i	0.3742+0.0036i	1.0842+1.0137i
14.1	0.0310+0.0222i	0.6645-0.0260i	-0.1603+0.2710i	-0.0367+0.0001i	0.8172-0.0831i	0.9543-0.1596i	0.4189-0.0320i	1.2784+0.8765i
14.2	0.0328+0.0180i	0.6946-0.0472i	-0.2044+0.2686i	-0.0453+0.0005i	0.9020-0.1178i	0.9869-0.2193i	0.4464-0.0748i	1.3690+0.6515i
14.3	0.0328+0.0094i	0.7333-0.0629i	-0.2758+0.2577i	-0.0569-0.0033i	0.9517-0.1351i	1.0163-0.2908i	0.4789-0.1266i	1.4637+0.5116i
14.4	0.0351+0.0101i	0.7833-0.0916i	-0.3548+0.2693i	-0.0635+0.0021i	1.0274-0.1756i	1.0611-0.3614i	0.5454-0.1944i	1.5007+0.1954i
14.5	0.0354+0.0079i	0.8274-0.1241i	-0.4309+0.2818i	-0.0698+0.0063i	1.0736-0.2241i	1.0990-0.4628i	0.6140-0.2821i	1.6367-0.0861i
14.6	0.0325+0.0038i	0.8710-0.1634i	-0.5193+0.2948i	-0.0808+0.0080i	1.1408-0.2787i	1.1113-0.6080i	0.6771-0.4061i	1.6291-0.3548i
14.7	0.0302+0.0012i	0.9066-0.2390i	-0.6672+0.3416i	-0.0952+0.0182i	1.2182-0.4057i	1.0235-0.8541i	0.7362-0.6784i	1.1941-0.6894i
14.8	0.0240+0.0104i	0.9076-0.2753i	-0.7987+0.4278i	-0.1088+0.0378i	1.2486-0.4661i	0.8195-0.9767i	0.7127-0.9508i	0.7659-0.5934i
14.9	0.0239+0.0263i	0.9186-0.2779i	-0.9498+0.5520i	-0.1159+0.0654i	1.2722-0.5166i	0.5754-0.9291i	0.4957-1.3372i	0.2359-0.2258i
15.0	0.0315+0.0558i	0.9634-0.2178i	-1.0775+0.6916i	-0.1127+0.0983i	1.3198-0.4745i	0.4601-0.7729i	0.1869-1.7348i	0.1112+0.4873i
15.1	0.0694+0.0803i	1.1227-0.1686i	-1.1830+0.8609i	-0.0889+0.1283i	1.4952-0.4479i	0.4779-0.6427i	-0.4062-2.0090i	0.6276+1.2824i
15.2	0.1368+0.0608i	1.3694-0.2806i	-1.2431+1.0692i	-0.0376+0.1309i	1.7480-0.6150i	0.5884-0.5647i	-1.2745-1.6344i	1.9622+1.4312i
15.3	0.1980+0.0246i	1.6344-0.4513i	-1.3910+1.2651i	0.0001+0.1124i	2.1118-0.8446i	0.7420-0.5443i	-1.8576-1.0687i	3.2642+0.8285i
15.4	0.2407-0.0296i	1.8843-0.7321i	-1.6023+1.5585i	0.0136+0.0849i	2.4878-1.2065i	0.9409-0.6346i	-1.9983-0.4135i	3.8115-0.5267i
15.5	0.2630-0.1127i	2.0508-1.1897i	-1.7504+2.0668i	0.0105+0.0562i	2.7548-1.8473i	1.1416-0.8772i	-1.8846+0.1548i	3.8074-2.1421i
15.6	0.2854-0.2424i	2.1935-1.9822i	-1.8273+3.0244i	0.0093+0.0230i	2.9881-3.0139i	1.3557-1.3517i	-1.7697+0.7652i	3.5137-4.2428i
15.7	0.2701-0.3502i	2.0882-2.6829i	-1.6068+3.9111i	0.0024+0.0075i	2.8463-4.0565i	1.3558-1.8431i	-1.5936+1.1169i	2.5972-5.5560i
15.8	0.0933-0.5028i	0.9960-3.5650i	-0.0981+4.8922i	-0.0376-0.0204i	1.2125-5.4045i	0.6690-2.5604i	-1.0234+1.4186i	-0.1600-6.2988i
15.9	-0.1255-0.5270i	-0.3238-3.6179i	1.6164+4.8087i	-0.0837-0.0205i	-0.7547-5.5177i	-0.3012-2.7451i	-0.5187+1.5012i	-2.9092-5.3757i
16.0	-0.2693-0.4217i	-1.1392-2.9277i	2.6153+3.8263i	-0.1076+0.0093i	-2.0395-4.5014i	-0.9975-2.3269i	-0.1147+1.4119i	-4.1140-3.5147i
16.1	-0.3315-0.3086i	-1.4531-2.2213i	3.0157+2.8733i	-0.1097+0.0339i	-2.5543-3.4503i	-1.3297-1.8111i	0.1845+1.2303i	-4.3544-1.9203i
16.2	-0.3396-0.2398i	-1.4302-1.7842i	2.9989+2.2594i	-0.1086+0.0374i	-2.5535-2.7560i	-1.3759-1.4350i	0.2635+1.0482i	-4.1028-0.8454i
16.3	-0.3314-0.1737i	-1.2433-1.3695i	2.7670+1.6213i	-0.1202+0.0381i	-2.2934-2.0989i	-1.3166-1.0618i	0.3363+0.8540i	-3.7565-0.0169i
16.4	-0.3329-0.1376i	-1.0933-1.1545i	2.5722+1.2309i	-0.1433+0.0362i	-2.0637-1.7361i	-1.2167-0.8174i	0.4279+0.7670i	-3.3120+0.6828i
16.5	-0.3588-0.1121i	-0.9719-1.0356i	2.3897+0.9175i	-0.1897+0.0325i	-1.8741-1.5123i	-1.1196-0.6183i	0.5358+0.6355i	-2.8016+1.7215i
16.6	-0.3931-0.0752i	-0.8979-1.0140i	2.1809+0.7825i	-0.2476+0.0657i	-1.7271-1.4593i	-0.9894-0.5297i	0.4980+0.4434i	-1.9857+2.2541i
16.7	-0.4164-0.0001i	-0.8785-1.0215i	2.0035+0.7259i	-0.2887+0.1567i	-1.6654-1.4829i	-0.8647-0.5040i	0.3977+0.4328i	-0.7451+2.4310i
16.8	-0.4247+0.1201i	-0.9785-0.9842i	1.9416+0.7067i	-0.2748+0.2980i	-1.8001-1.4615i	-0.7155-0.5197i	0.5160+0.4087i	0.2880+1.8102i
16.9	-0.3790+0.2220i	-1.0552-0.8449i	1.9877+0.5599i	-0.1993+0.3889i	-1.9260-1.2731i	-0.6786-0.6970i	0.5614+0.2642i	0.5685+1.4888i
17.0	-0.2876+0.2831i	-1.0204-0.7333i	1.8771+0.3653i	-0.1002+0.4334i	-1.8984-1.1176i	-0.8689-0.8125i	0.4718+0.0120i	1.1188+0.9621i
17.1	-0.1874+0.3342i	-1.0091-0.6535i	1.6526+0.2164i	0.0050+0.4724i	-1.9126-1.0115i	-1.1270-0.8818i	0.2237-0.0950i	1.3849-0.1876i
17.2	-0.0644+0.3102i	-0.9841-0.5430i	1.4910+0.2746i	0.1287+0.4314i	-1.9004-0.8336i	-1.4152-0.6931i	-0.0156+0.0936i	0.9946-0.4310i
17.3	0.0052+0.2205i	-0.9056-0.4622i	1.4463+0.3166i	0.1935+0.3272i	-1.8043-0.7132i	-1.5274-0.3606i	0.0700+0.3932i	0.7459-0.7450i
17.4	0.0049+0.1534i	-0.8497-0.4216i	1.4411+0.2960i	0.1924+0.2539i	-1.7284-0.6480i	-1.4671-0.0775i	0.4118+0.3735i	0.3208-1.3106i
17.5	0.0015+0.1329i	-0.8299-0.3924i	1.3879+0.2646i	0.1871+0.2293i	-1.6959-0.5995i	-1.3816+0.0293i	0.4186+0.0883i	-0.5413-1.3458i
17.6	0.0048+0.1021i	-0.7909-0.3474i	1.3199+0.2751i	0.1858+0.1950i	-1.6474-0.5276i	-1.3191+0.1540i	0.1482+0.0061i	-1.0135-0.6044i
17.7	-0.0060+0.0811i	-0.7491-0.3299i	1.3323+0.2717i	0.1775+0.1737i	-1.6139-0.5229i	-1.2264+0.2522i	0.0888+0.1428i	-0.8657-0.2594i
17.8	-0.0241+0.0621i	-0.7146-0.3185i	1.3576+0.2160i	0.1659+0.1526i	-1.5899-0.5059i	-1.0674+0.3293i	0.1155+0.2795i	-0.7805-0.1401i
17.9	-0.0336+0.0565i	-0.7011-0.3050i	1.3457+0.1636i	0.1639+0.1431i	-1.5909-0.5017i	-0.9646+0.3499i	0.1372+0.3344i	-0.7303-0.0528i
18.0	-0.0434+0.0561i	-0.6895-0.2881i	1.3132+0.1044i	0.1602+0.1381i	-1.5880-0.4648i	-0.8898+0.3084i	0.2037+0.3710i	-0.6704+0.0531i
18.1	-0.0499+0.0581i	-0.6694-0.2633i	1.2623+0.0245i	0.1600+0.1348i	-1.5906-0.4023i	-0.8632+0.2367i	0.3166+0.3630i	-0.6496+0.1290i
18.2	-0.0545+0.0604i	-0.6496-0.2421i	1.2011-0.0502i	0.1642+0.1298i	-1.5903-0.3717i	-0.8842+0.1997i	0.3851+0.3146i	-0.5975+0.1507i

18.3	−0.0514+0.0605i	−0.6280−0.2231i	1.0971−0.1045i	0.1729+0.1194i	−1.5921−0.3347i	−0.9547+0.1707i	0.3985+0.2730i	−0.5829+0.1656i
18.4	−0.0446+0.0557i	−0.6044−0.1973i	1.0104−0.1574i	0.1863+0.0983i	−1.5942−0.2774i	−1.0769+0.1573i	0.4086+0.2198i	−0.5498+0.2201i
18.5	−0.0438+0.0439i	−0.5644−0.1788i	0.8424−0.2140i	0.1825+0.0670i	−1.5703−0.2420i	−1.2816+0.2797i	0.3954+0.1612i	−0.5175+0.2670i
18.6	−0.0639+0.0251i	−0.5250−0.2004i	0.5699−0.1183i	0.1369+0.0397i	−1.5389−0.2397i	−1.3461+0.7063i	0.3437+0.1452i	−0.4941+0.3618i
18.7	−0.0863+0.0436i	−0.5486−0.2193i	0.5276+0.1195i	0.1093+0.0821i	−1.5943−0.2446i	−0.9790+0.9046i	0.3561+0.1647i	−0.4496+0.3925i
18.8	−0.0860+0.0603i	−0.5621−0.2020i	0.5613+0.2163i	0.1264+0.1086i	−1.6328−0.2050i	−0.7791+0.8241i	0.3822+0.1346i	−0.3765+0.4109i
18.9	−0.0838+0.0649i	−0.5600−0.1773i	0.5675+0.2650i	0.1420+0.1100i	−1.6583−0.1331i	−0.7214+0.7924i	0.3800+0.1197i	−0.2900+0.4207i
19.0	−0.0821+0.0670i	−0.5449−0.1502i	0.6016+0.3381i	0.1569+0.1021i	−1.6769−0.0645i	−0.6473+0.7705i	0.3598+0.1008i	−0.1972+0.4324i
19.1	−0.0810+0.0693i	−0.5237−0.1143i	0.6279+0.4022i	0.1710+0.0929i	−1.6807+0.0076i	−0.5890+0.7227i	0.3375+0.0879i	−0.1529+0.4243i
19.2	−0.0814+0.0704i	−0.5040−0.0990i	0.6504+0.4296i	0.1765+0.0890i	−1.6907+0.0625i	−0.5644+0.6919i	0.3271+0.1107i	−0.0924+0.3397i
19.3	−0.0822+0.0750i	−0.4707−0.0712i	0.6863+0.4663i	0.1848+0.0826i	−1.6775+0.1077i	−0.5406+0.6671i	0.3433+0.1293i	−0.0446+0.2743i
19.4	−0.0826+0.0782i	−0.4384−0.0540i	0.7062+0.4906i	0.1894+0.0758i	−1.6431+0.1605i	−0.5282+0.6596i	0.3516+0.1242i	−0.0637+0.2530i
19.5	−0.0838+0.0845i	−0.3975−0.0408i	0.7594+0.5106i	0.1947+0.0672i	−1.6335+0.2526i	−0.5034+0.6370i	0.3737+0.1175i	−0.0749+0.2204i
19.6	−0.0814+0.0889i	−0.3547−0.0434i	0.7967+0.5030i	0.2043+0.0590i	−1.6164+0.2832i	−0.4934+0.6007i	0.3917+0.1106i	−0.0794+0.2040i
19.7	−0.0773+0.0949i	−0.3122−0.0519i	0.8122+0.4757i	0.2107+0.0496i	−1.5879+0.3050i	−0.5110+0.5587i	0.4114+0.0972i	−0.0910+0.1965i
19.8	−0.0720+0.0958i	−0.2734−0.0621i	0.8044+0.4573i	0.2149+0.0398i	−1.5496+0.3406i	−0.5517+0.5266i	0.4227+0.0833i	−0.1097+0.1939i
19.9	−0.0670+0.0955i	−0.2288−0.0812i	0.7813+0.4485i	0.2213+0.0281i	−1.5199+0.3689i	−0.6219+0.5170i	0.4335+0.0620i	−0.1121+0.1999i
20.0	−0.0625+0.0925i	−0.1849−0.1117i	0.7592+0.4615i	0.2270+0.0165i	−1.4916+0.3752i	−0.6954+0.5455i	0.4453+0.0427i	−0.1127+0.1950i
20.1	−0.0596+0.0891i	−0.1413−0.1577i	0.7422+0.5098i	0.2285+0.0084i	−1.4445+0.3643i	−0.7652+0.6131i	0.4513+0.0204i	−0.0999+0.1987i
20.2	−0.0659+0.0883i	−0.1152−0.2062i	0.7612+0.5568i	0.2344−0.0044i	−1.4686+0.3702i	−0.7825+0.7001i	0.4553+0.0004i	−0.0900+0.2074i
20.3	−0.0708+0.0868i	−0.0925−0.2644i	0.7807+0.5810i	0.2406−0.0158i	−1.5054+0.3648i	−0.7739+0.7633i	0.4614−0.0234i	−0.0946+0.2197i
20.4	−0.0767+0.0870i	−0.0748−0.3483i	0.8096+0.6009i	0.2470−0.0336i	−1.5335+0.3660i	−0.7588+0.8225i	0.4460−0.0422i	−0.1008+0.1992i
20.5	−0.0831+0.0947i	−0.0713−0.4356i	0.8408+0.6168i	0.2533−0.0576i	−1.5608+0.4043i	−0.7466+0.8733i	0.4385−0.0452i	−0.1004+0.2175i
20.6	−0.0858+0.1052i	−0.1097−0.5502i	0.8604+0.6308i	0.2491−0.0903i	−1.6038+0.4592i	−0.7398+0.9225i	0.4377−0.0717i	−0.1022+0.2362i
20.7	−0.0823+0.1101i	−0.1635−0.6252i	0.8674+0.6444i	0.2416−0.1154i	−1.6209+0.5131i	−0.7509+0.9650i	0.4395−0.0991i	−0.0945+0.2453i
20.8	−0.0796+0.1159i	−0.2426−0.6869i	0.8936+0.6652i	0.2268−0.1322i	−1.6299+0.5735i	−0.7312+1.0193i	0.4416−0.1097i	−0.0733+0.2552i
20.9	−0.0751+0.1208i	−0.3550−0.7138i	0.9216+0.6603i	0.2084−0.1434i	−1.6579+0.6190i	−0.7122+1.0282i	0.4409−0.1399i	−0.0591+0.2461i
21.0	−0.0690+0.1177i	−0.4521−0.7474i	0.9212+0.6859i	0.1904−0.1599i	−1.6502+0.6440i	−0.7543+1.0873i	0.4236−0.1680i	−0.0554+0.2422i
21.1	−0.0659+0.1130i	−0.5638−0.7616i	0.9458+0.7240i	0.1657−0.1702i	−1.6353+0.6767i	−0.7536+1.1752i	0.4141−0.1871i	−0.0277+0.2200i
21.2	−0.0647+0.1096i	−0.6613−0.7400i	0.9809+0.7661i	0.1421−0.1647i	−1.6461+0.6952i	−0.7268+1.2719i	0.4022−0.2029i	−0.0257+0.2114i
21.3	−0.0742+0.1085i	−0.7556−0.7107i	1.0449+0.8248i	0.1318−0.1598i	−1.7276+0.7013i	−0.6548+1.3821i	0.3790−0.2274i	−0.0262+0.2186i
21.4	−0.0836+0.1124i	−0.8423−0.6375i	1.1533+0.8326i	0.1237−0.1502i	−1.8155+0.7448i	−0.5370+1.4263i	0.3363−0.2232i	−0.0401+0.2082i
21.5	−0.0910+0.1159i	−0.9297−0.5718i	1.2465+0.8114i	0.1200−0.1431i	−1.9120+0.7867i	−0.4647+1.4434i	0.3063−0.2384i	−0.0362+0.2001i
21.6	−0.0963+0.1188i	−1.0139−0.5350i	1.3084+0.7894i	0.1192−0.1443i	−2.0217+0.8226i	−0.4164+1.4663i	0.2716−0.2393i	−0.0385+0.2215i
21.7	−0.0999+0.1244i	−1.0744−0.4400i	1.3707+0.7648i	0.1171−0.1383i	−2.0952+0.9295i	−0.3518+1.4844i	0.2437−0.2304i	−0.0430+0.2193i
21.8	−0.1119+0.1363i	−1.0939−0.3349i	1.4178+0.7311i	0.1244−0.1406i	−2.2220+1.0843i	−0.3202+1.4930i	0.2307−0.2206i	−0.0501+0.2051i
21.9	−0.1212+0.1512i	−1.1379−0.2372i	1.4768+0.7041i	0.1310−0.1471i	−2.3600+1.2866i	−0.2789+1.5448i	0.2114−0.1988i	−0.0588+0.2226i
22.0	−0.1304+0.1691i	−1.1758−0.1449i	1.5364+0.6429i	0.1394−0.1566i	−2.4861+1.5206i	−0.2502+1.5409i	0.2009−0.1860i	−0.0622+0.2538i
22.1	−0.1366+0.1878i	−1.2018−0.0407i	1.5954+0.5866i	0.1493−0.1721i	−2.5962+1.8030i	−0.2077+1.5614i	0.2203−0.1686i	−0.0679+0.2979i
22.2	−0.1365+0.2134i	−1.2220+0.0950i	1.6385+0.5163i	0.1575−0.1936i	−2.6898+2.1942i	−0.2006+1.5941i	0.2169−0.1819i	−0.0605+0.3100i
22.3	−0.1378+0.2421i	−1.2277+0.2198i	1.6744+0.4451i	0.1708−0.2259i	−2.7521+2.6359i	−0.2051+1.6375i	0.2024−0.1808i	−0.0474+0.3260i
22.4	−0.1309+0.2792i	−1.1961+0.3948i	1.6885+0.3516i	0.1686−0.2786i	−2.6589+3.2217i	−0.1795+1.7324i	0.2022−0.1579i	−0.0074+0.3557i
22.5	−0.1085+0.3108i	−1.1224+0.5255i	1.6766+0.2714i	0.1404−0.3185i	−2.3296+3.7266i	−0.1137+1.7995i	0.2078−0.1495i	0.0322+0.3740i
22.6	−0.0670+0.3576i	−0.9934+0.7292i	1.6558+0.1693i	0.0870−0.3799i	−1.7238+4.5112i	0.0140+1.9176i	0.2118−0.1399i	0.0971+0.3960i
22.7	−0.0189+0.3754i	−0.8180+0.8486i	1.6102+0.1117i	0.0290−0.4015i	−1.0133+4.8737i	0.1497+1.9772i	0.2179−0.1580i	0.1499+0.3823i
22.8	0.0365+0.3809i	−0.6280+0.9111i	1.5666+0.0776i	−0.0390−0.4083i	−0.1867+5.0111i	0.3064+1.9847i	0.1898−0.1786i	0.1884+0.3561i
22.9	0.0940+0.3617i	−0.3954+0.8884i	1.5159+0.0735i	−0.1134−0.3936i	0.7508+4.8026i	0.4838+1.9568i	0.1480−0.1729i	0.2215+0.3223i
23.0	0.1324+0.3324i	−0.1870+0.8373i	1.4792+0.1004i	−0.1667−0.3650i	1.4532+4.4669i	0.6190+1.9884i	0.1379−0.1873i	0.2520+0.3051i
23.1	0.1602+0.2923i	−0.0335+0.7079i	1.5145+0.1114i	−0.2119−0.3144i	2.0216+3.8635i	0.8480+1.8703i	0.1029−0.1345i	0.2861+0.2631i
23.2	0.1777+0.2544i	0.0570+0.5573i	1.5272+0.0811i	−0.2367−0.2616i	2.3375+3.2051i	0.9445+1.6334i	0.1028−0.0720i	0.3020+0.2132i
23.3	0.1770+0.2276i	0.0919+0.4588i	1.5280+0.0592i	−0.2425−0.2213i	2.4118+2.7481i	0.9180+1.4982i	0.1208−0.0491i	0.2940+0.1650i
23.4	0.1754+0.1999i	0.1210+0.3462i	1.5298+0.0258i	−0.2467−0.1771i	2.4624+2.2297i	0.8943+1.3595i	0.1460−0.0035i	0.2778+0.1360i
23.5	0.1706+0.1785i	0.1219+0.2426i	1.5382−0.0063i	−0.2407−0.1426i	2.4025+1.8165i	0.8389+1.2679i	0.1647+0.0154i	0.2766+0.1192i
23.6	0.1636+0.1585i	0.1048+0.1534i	1.5330−0.0415i	−0.2319−0.1137i	2.2872+1.4415i	0.7953+1.2248i	0.1807+0.0442i	0.2599+0.0844i
23.7	0.1553+0.1446i	0.0735+0.0798i	1.5291−0.0680i	−0.2237−0.0935i	2.1479+1.1644i	0.7460+1.2034i	0.2253+0.0688i	0.2354+0.0562i
23.8	0.1480+0.1364i	0.0426+0.0363i	1.5246−0.1037i	−0.2136−0.0760i	2.0052+0.9613i	0.6947+1.1786i	0.2842+0.0710i	0.2275+0.0452i
23.9	0.1439+0.1326i	0.0280+0.0089i	1.5133−0.1294i	−0.2051−0.0623i	1.9001+0.8448i	0.6768+1.1766i	0.3118+0.0416i	0.2161+0.0335i
24.0	0.1400+0.1249i	0.0048−0.0215i	1.5022−0.1582i	−0.1896−0.0502i	1.7500+0.7058i	0.6307+1.1982i	0.3442+0.0122i	0.1790+0.0384i
24.1	0.1367+0.1195i	−0.0133−0.0472i	1.4797−0.1639i	−0.1843−0.0396i	1.6551+0.5834i	0.6046+1.2291i	0.3780−0.0246i	0.1766+0.0359i
24.2	0.1351+0.1131i	−0.0341−0.0661i	1.4596−0.1945i	−0.1750−0.0330i	1.5445+0.4772i	0.6340+1.2772i	0.3437−0.0323i	0.1774+0.0360i
24.3	0.1329+0.1061i	−0.0587−0.0822i	1.4423−0.2131i	−0.1695−0.0322i	1.4572+0.4172i	0.6465+1.3082i	0.3395−0.0259i	0.1780+0.0324i
24.4	0.1279+0.0991i	−0.0754−0.0938i	1.4237−0.2288i	−0.1644−0.0303i	1.3658+0.3568i	0.6727+1.3330i	0.3739+0.0001i	0.1723+0.0366i
24.5	0.1230+0.0907i	−0.0829−0.1032i	1.4022−0.2396i	−0.1657−0.0266i	1.2686+0.3006i	0.7154+1.3607i	0.4406+0.0874i	0.1529+0.0431i

24.6	0.1174+0.0863i	-0.0885-0.1095i	1.3997-0.2484i	-0.1653-0.0204i	1.1965+0.2582i	0.7617+1.3784i	0.5147+0.0363i	0.1567+0.0373i
24.7	0.1126+0.0823i	-0.1051-0.1140i	1.3949-0.2403i	-0.1655-0.0134i	1.1277+0.2406i	0.8343+1.3995i	0.5893-0.0784i	0.1516+0.0387i
24.8	0.1081+0.0795i	-0.1113-0.1122i	1.3961-0.2432i	-0.1668-0.0063i	1.0901+0.2240i	0.9166+1.3878i	0.5670-0.2009i	0.1448+0.0431i
24.9	0.1004+0.0795i	-0.1118-0.1222i	1.3892-0.2665i	-0.1668+0.0043i	1.0214+0.1787i	0.9694+1.3244i	0.4809-0.3031i	0.1538+0.0438i
25.0	0.0938+0.0794i	-0.1085-0.1244i	1.3841-0.2783i	-0.1649+0.0177i	0.9841+0.1624i	0.9970+1.2635i	0.4517-0.2853i	0.1724+0.0336i
25.1	0.0905+0.0784i	-0.1024-0.1313i	1.3955-0.2657i	-0.1578+0.0288i	0.9497+0.1414i	1.0243+1.2234i	0.4572-0.2804i	0.1684+0.0145i
25.2	0.0863+0.0782i	-0.1018-0.1394i	1.4011-0.2778i	-0.1521+0.0359i	0.9220+0.1290i	1.0238+1.1950i	0.4440-0.3364i	0.1584+0.0106i
25.3	0.0796+0.0764i	-0.0895-0.1421i	1.4119-0.2963i	-0.1412+0.0443i	0.8878+0.1172i	0.9874+1.1229i	0.3724-0.3907i	0.1560+0.0126i
25.4	0.0764+0.0746i	-0.0734-0.1536i	1.4218-0.2985i	-0.1360+0.0510i	0.8706+0.0806i	0.9908+1.1308i	0.2915-0.3570i	0.1520+0.0111i
25.5	0.0707+0.0736i	-0.0613-0.1732i	1.4293-0.3071i	-0.1330+0.0554i	0.8514+0.0553i	1.0006+1.1368i	0.2625-0.2929i	0.1569+0.0046i
25.6	0.0629+0.0771i	-0.0466-0.1929i	1.4400-0.3275i	-0.1237+0.0643i	0.7905+0.0283i	1.0046+1.1135i	0.2976-0.2585i	0.1428-0.0139i
25.7	0.0569+0.0823i	-0.0462-0.2247i	1.4520-0.3441i	-0.1131+0.0768i	0.7454+0.0028i	0.9979+1.1080i	0.3214-0.2595i	0.1411-0.0156i
25.8	0.0530+0.0885i	-0.0365-0.2567i	1.4666-0.3633i	-0.1033+0.0880i	0.7313-0.0305i	0.9810+1.1054i	0.3111-0.2496i	0.1379-0.0273i
25.9	0.0496+0.0945i	-0.0212-0.2924i	1.4960-0.3645i	-0.0793+0.0942i	0.6904-0.0568i	0.9643+1.1301i	0.3335-0.2179i	0.1323-0.0321i
26.0	0.0478+0.0985i	-0.0215-0.3197i	1.5379-0.3927i	-0.0596+0.0940i	0.6586-0.0907i	1.0014+1.1480i	0.3524-0.2162i	0.1316-0.0323i
26.1	0.0413+0.1068i	-0.0133-0.3654i	1.6006-0.4629i	-0.0419+0.0871i	0.5762-0.1050i	1.0137+1.1491i	0.3361-0.2905i	0.1232-0.0447i
26.2	0.0431+0.1162i	-0.0218-0.4268i	1.6167-0.5664i	-0.0255+0.0727i	0.5624-0.1051i	1.0113+1.1376i	0.3497-0.2858i	0.1061-0.0388i
26.3	0.0473+0.1232i	-0.0382-0.4804i	1.5997-0.6671i	-0.0113+0.0571i	0.5156-0.1239i	0.9787+1.1498i	0.3511-0.3011i	0.0939-0.0371i
26.4	0.0483+0.1272i	-0.0561-0.5300i	1.5736-0.7434i	0.0007+0.0379i	0.4678-0.1369i	0.9628+1.1977i	0.3549-0.2898i	0.0824-0.0349i
26.5	0.0468+0.1298i	-0.0870-0.5735i	1.5381-0.8165i	0.0019+0.0185i	0.4319-0.1475i	0.9858+1.2462i	0.3468-0.2666i	0.0801-0.0236i
26.6	0.0464+0.1376i	-0.1358-0.6194i	1.4826-0.8804i	-0.0072+0.0020i	0.3806-0.1311i	1.0059+1.3038i	0.3342-0.3022i	0.0742-0.0104i
26.7	0.0451+0.1437i	-0.1793-0.6620i	1.4328-0.9303i	-0.0145-0.0107i	0.3183-0.1091i	1.0392+1.3810i	0.3327-0.3049i	0.0680-0.0064i
26.8	0.0450+0.1514i	-0.2168-0.6970i	1.3969-0.9776i	-0.0185-0.0201i	0.3011-0.1026i	1.1149+1.4418i	0.3223-0.2594i	0.0645+0.0015i
26.9	0.0429+0.1666i	-0.2732-0.7529i	1.3528-1.0470i	-0.0226-0.0289i	0.2521-0.1271i	1.2202+1.5065i	0.3053-0.2986i	0.0551+0.0081i
27.0	0.0480+0.1836i	-0.3266-0.8143i	1.3047-1.1355i	-0.0280-0.0424i	0.2081-0.1263i	1.2946+1.5417i	0.3958-0.3636i	0.0560+0.0226i
27.1	0.0586+0.1981i	-0.4108-0.8700i	1.2115-1.2157i	-0.0354-0.0583i	0.1399-0.1073i	1.3877+1.5944i	0.4346-0.3833i	0.0626+0.0334i
27.2	0.0720+0.2104i	-0.5187-0.8936i	1.0830-1.2654i	-0.0515-0.0715i	0.0855-0.0565i	1.5262+1.6266i	0.3848-0.3613i	0.0831+0.0420i
27.3	0.0883+0.2203i	-0.6433-0.9035i	0.9339-1.2959i	-0.0750-0.0829i	0.0435-0.0064i	1.7237+1.6556i	0.3026-0.3645i	0.1146+0.0571i
27.4	0.1046+0.2287i	-0.7688-0.8837i	0.7883-1.2804i	-0.1024-0.0805i	0.0385+0.0485i	1.9403+1.6123i	0.2794-0.3725i	0.1235+0.0701i
27.5	0.1255+0.2334i	-0.8732-0.8275i	0.6621-1.2267i	-0.1238-0.0717i	0.0560+0.1318i	2.1021+1.4899i	0.2696-0.4174i	0.1398+0.0620i
27.6	0.1450+0.2382i	-0.9752-0.7671i	0.5374-1.1784i	-0.1468-0.0623i	0.0418+0.1981i	2.2663+1.3709i	0.2766-0.3542i	0.1571+0.0349i
27.7	0.1720+0.2367i	-1.0696-0.6779i	0.4154-1.0765i	-0.1656-0.0466i	0.0485+0.2686i	2.4261+1.1891i	0.2902-0.3006i	0.1605+0.0271i
27.8	0.1921+0.2321i	-1.1244-0.5851i	0.3453-0.9799i	-0.1788-0.0311i	0.0785+0.3242i	2.5370+1.0226i	0.2382-0.3372i	0.1801+0.0141i
27.9	0.2036+0.2203i	-1.1244-0.4887i	0.3186-0.8694i	-0.1842-0.0093i	0.1607+0.3434i	2.5437+0.8172i	0.2125-0.3907i	0.1678-0.0044i
28.0	0.2187+0.2065i	-1.1184-0.3932i	0.2992-0.7397i	-0.1879+0.0158i	0.2285+0.3591i	2.5219+0.6017i	0.2103-0.3166i	0.1624-0.0138i
28.1	0.2315+0.2021i	-1.1200-0.3245i	0.2863-0.6129i	-0.1858+0.0451i	0.2947+0.3689i	2.4907+0.3992i	0.1721-0.2496i	0.1661-0.0327i
28.2	0.2481+0.1957i	-1.1060-0.2776i	0.3248-0.4803i	-0.1628+0.0723i	0.3431+0.3209i	2.4070+0.2576i	0.1139-0.2690i	0.1559-0.0521i
28.3	0.2634+0.1808i	-1.0979-0.2354i	0.4063-0.4175i	-0.1376+0.0748i	0.3656+0.3023i	2.3476+0.1644i	0.1941-0.2484i	0.1484-0.0495i
28.4	0.2716+0.1572i	-1.0900-0.1927i	0.4555-0.3985i	-0.1294+0.0610i	0.3592+0.2662i	2.2717+0.0800i	0.2670-0.2450i	0.1356-0.0436i
28.5	0.2739+0.1445i	-1.0762-0.1672i	0.4849-0.3628i	-0.1262+0.0569i	0.3779+0.2368i	2.2319+0.0213i	0.2889-0.2126i	0.1249-0.0425i
28.6	0.2759+0.1343i	-1.0803-0.1467i	0.5350-0.3203i	-0.1278+0.0574i	0.3805+0.2443i	2.2297-0.0876i	0.2862-0.2138i	0.1517-0.0627i
28.7	0.2782+0.1277i	-1.0754-0.1269i	0.5639-0.2921i	-0.1277+0.0591i	0.4017+0.2342i	2.2043-0.2106i	0.3169-0.1420i	0.1502-0.0685i
28.8	0.2811+0.1222i	-1.0808-0.1103i	0.5916-0.2924i	-0.1253+0.0601i	0.3908+0.1932i	2.1224-0.3096i	0.4105-0.1239i	0.1295-0.0765i
28.9	0.2845+0.1151i	-1.0719-0.0951i	0.6247-0.2824i	-0.1207+0.0592i	0.4002+0.1776i	2.0301-0.3781i	0.4785-0.0965i	0.1091-0.0751i
29.0	0.2879+0.1052i	-1.0829-0.0742i	0.6667-0.2613i	-0.1247+0.0587i	0.3889+0.1435i	1.9540-0.4628i	0.5290-0.1000i	0.1032-0.0962i
29.1	0.2943+0.0988i	-1.1031-0.0665i	0.7047-0.2526i	-0.1273+0.0575i	0.3735+0.1310i	1.8787-0.5207i	0.5658-0.1042i	0.0989-0.0862i
29.2	0.3004+0.0946i	-1.1120-0.0583i	0.7411-0.2405i	-0.1256+0.0572i	0.3951+0.1224i	1.7713-0.5611i	0.6100-0.2170i	0.1008-0.0758i
29.3	0.3040+0.0891i	-1.1228-0.0476i	0.7651-0.2335i	-0.1272+0.0576i	0.3983+0.0907i	1.6744-0.5922i	0.6931-0.1831i	0.0832-0.0743i
29.4	0.3091+0.0796i	-1.1479-0.0198i	0.7949-0.2280i	-0.1320+0.0619i	0.3538+0.0970i	1.5690-0.6340i	0.8478-0.2576i	0.0818-0.0923i
29.5	0.3170+0.0705i	-1.1786+0.0049i	0.8351-0.2219i	-0.1364+0.0608i	0.3488+0.1069i	1.4491-0.6976i	0.9855-0.3786i	0.0890-0.1020i
29.6	0.3233+0.0614i	-1.2173+0.0286i	0.8724-0.2391i	-0.1436+0.0619i	0.3548+0.0967i	1.3595-0.6950i	1.0453-0.4140i	0.0789-0.0699i
29.7	0.3319+0.0523i	-1.2485+0.0444i	0.9158-0.2288i	-0.1479+0.0641i	0.3337+0.0593i	1.2661-0.6912i	1.0565-0.4616i	0.0565-0.0713i
29.8	0.3409+0.0437i	-1.2727+0.0818i	0.9398-0.2190i	-0.1517+0.0708i	0.3138+0.0650i	1.1945-0.7006i	1.2315-0.5400i	0.0761-0.0826i
29.9	0.3466+0.0395i	-1.3124+0.1017i	0.9834-0.2202i	-0.1572+0.0775i	0.2814+0.0701i	1.1596-0.6857i	1.4644-0.6569i	0.0870-0.0413i
30.0	0.3526+0.0189i	-1.3659+0.1644i	1.0447-0.2335i	-0.1680+0.0828i	0.2869+0.0580i	1.0540-0.6934i	1.2854-0.8882i	0.0788-0.0787i
30.1	0.3624+0.0067i	-1.4021+0.2122i	1.1049-0.2533i	-0.1709+0.0864i	0.2895+0.0773i	0.9847-0.7025i	1.0748-1.2172i	0.0666-0.0995i
30.2	0.3680-0.0086i	-1.4522+0.2875i	1.1591-0.2955i	-0.1808+0.0936i	0.2662+0.0988i	0.8654-0.6840i	1.0970-1.2656i	0.0472-0.0703i
30.3	0.3670-0.0274i	-1.4586+0.3797i	1.2026-0.3514i	-0.1866+0.1027i	0.2502+0.1195i	0.7545-0.6207i	1.1100-1.3977i	0.0205-0.0457i
30.4	0.3609-0.0413i	-1.4466+0.4614i	1.2526-0.4107i	-0.1900+0.1127i	0.2582+0.1552i	0.7315-0.5799i	0.8771-1.6258i	0.0102-0.0558i
30.5	0.3602-0.0465i	-1.4206+0.5379i	1.2607-0.4556i	-0.1910+0.1312i	0.2947+0.1832i	0.6637-0.5696i	0.7861-1.6983i	0.0278-0.0508i
30.6	0.3652-0.0522i	-1.4113+0.5870i	1.2563-0.4976i	-0.1973+0.1425i	0.3293+0.1624i	0.5748-0.5876i	0.6852-1.7959i	0.0412-0.0443i
30.7	0.3775-0.0637i	-1.4392+0.6255i	1.2698-0.5330i	-0.2030+0.1508i	0.3178+0.1453i	0.4732-0.5511i	0.5096-1.8966i	0.0557-0.0383i
30.8	0.3928-0.0739i	-1.4730+0.6581i	1.3116-0.5750i	-0.2067+0.1537i	0.3308+0.1038i	0.3681-0.5024i	0.3884-1.8832i	0.0529-0.0226i

30.9	0.4027−0.0953i	−1.5157+0.7402i	1.3404−0.6320i	−0.2164+0.1651i	0.3368+0.1107i	0.2919−0.4467i	0.2736−2.0086i	0.0632−0.0188i
31.0	0.4027−0.1211i	−1.5210+0.8376i	1.3695−0.6972i	−0.2204+0.1802i	0.3531+0.1199i	0.2147−0.3627i	0.0785−2.0532i	0.0511−0.0217i
31.1	0.4053−0.1463i	−1.5670+0.9479i	1.3803−0.7642i	−0.2469+0.1969i	0.3395+0.1387i	0.1438−0.3256i	0.0087−2.0453i	0.0720−0.0000i
31.2	0.4015−0.1791i	−1.5533+1.1321i	1.3510−0.8392i	−0.2635+0.2416i	0.3567+0.1734i	0.0082−0.2112i	−0.1815−1.8881i	0.0795−0.0341i
31.3	0.3937−0.1958i	−1.4871+1.2285i	1.3492−0.8546i	−0.2515+0.2761i	0.3840+0.1475i	−0.0416−0.0596i	−0.4092−1.8741i	0.0665−0.0739i
31.4	0.3862−0.2337i	−1.4492+1.4625i	1.3558−0.9254i	−0.2505+0.3398i	0.3884+0.1668i	−0.0900+0.0804i	−0.4622−1.8714i	0.0928−0.0590i
31.5	0.3836−0.2668i	−1.4290+1.6249i	1.3600−1.0292i	−0.2523+0.3801i	0.3888+0.1612i	−0.1068+0.1945i	−0.5039−1.7241i	0.1023−0.0309i
31.6	0.3718−0.2919i	−1.3365+1.7536i	1.3798−1.1134i	−0.2309+0.4168i	0.4367+0.1604i	−0.1430+0.3372i	−0.7204−1.5503i	0.0739−0.0393i
31.7	0.3480−0.3198i	−1.1759+1.8837i	1.3736−1.2136i	−0.1961+0.4504i	0.4990+0.1414i	−0.1522+0.4740i	−0.7777−1.3218i	0.0585−0.0128i
31.8	0.3168−0.3461i	−0.9890+2.0270i	1.3440−1.2910i	−0.1563+0.4925i	0.5280+0.1428i	−0.1470+0.5643i	−0.7019−1.2768i	0.0602−0.0004i
31.9	0.2626−0.3977i	−0.6984+2.3380i	1.2949−1.3935i	−0.0865+0.5873i	0.5982+0.1676i	−0.1605+0.7046i	−0.7972−1.2350i	0.0469−0.0626i
32.0	0.1975−0.4313i	−0.2732+2.5265i	1.2428−1.4543i	0.0340+0.6608i	0.6825+0.1491i	−0.1569+0.9144i	−0.9448−1.3035i	0.0464−0.1800i
32.1	0.1450−0.4144i	0.0395+2.4092i	1.1660−1.5464i	0.1150+0.6355i	0.7247+0.0740i	−0.1223+1.0589i	−0.8988−1.2023i	0.0310−0.1243i
32.2	0.0989−0.3994i	0.3122+2.3002i	1.1390−1.6417i	0.1969+0.6099i	0.7727−0.0152i	−0.0733+1.2012i	−0.8293−1.0770i	−0.0761−0.0742i
32.3	0.0657−0.3705i	0.5461+2.1386i	1.0305−1.7561i	0.2703+0.5871i	0.7535−0.1143i	0.0227+1.4395i	−0.7991−1.1586i	−0.0708−0.0371i
32.4	0.0425−0.3268i	0.7175+1.9160i	0.9487−1.8346i	0.3285+0.5348i	0.7527−0.2066i	0.1019+1.6105i	−0.7546−1.0676i	−0.0973+0.0277i
32.5	0.0328−0.2804i	0.8158+1.6271i	0.8104−1.8966i	0.3694+0.4542i	0.7256−0.2983i	0.2737+1.7666i	−0.7797−1.0989i	−0.0790+0.1192i
32.6	0.0311−0.2401i	0.8930+1.3695i	0.6572−1.9593i	0.3982+0.3817i	0.6827−0.3841i	0.4601+1.9303i	−0.9189−1.3290i	0.0386+0.1955i
32.7	0.0279−0.2212i	0.9617+1.1998i	0.5253−1.9800i	0.4341+0.3309i	0.6327−0.4324i	0.6477+2.0353i	−0.8839−1.1564i	0.0296+0.2027i
32.8	0.0077−0.1995i	1.0878+0.9996i	0.3507−1.9547i	0.4879+0.2677i	0.5616−0.4514i	0.8692+2.0847i	−0.9672−0.7684i	−0.0536+0.0738i
32.9	0.0260−0.1782i	1.0174+0.8557i	0.1674−1.8832i	0.4660+0.2233i	0.4778−0.4760i	1.1198+2.0986i	−0.9912−0.7783i	0.0470+0.1153i
33.0	0.0440−0.1635i	0.9509+0.7634i	0.0696−1.7964i	0.4480+0.1980i	0.4242−0.4846i	1.3160+2.0805i	−1.1481−0.7457i	0.1460+0.1114i
33.1	0.0632−0.1529i	0.8645+0.6676i	−0.0108−1.6787i	0.4333+0.1662i	0.3804−0.4903i	1.5374+2.0354i	−1.0138−0.6746i	0.1353+0.1046i
33.2	0.0577−0.1384i	0.9369+0.5523i	−0.0265−1.5988i	0.4724+0.1283i	0.3253−0.4732i	1.6852+1.9901i	−0.7631−0.7059i	0.0915+0.1066i
33.3	0.0688−0.1146i	0.9487+0.3825i	−0.0695−1.5256i	0.4970+0.0778i	0.2760−0.4699i	1.8969+1.9288i	−0.7464−0.7377i	0.1005+0.0639i
33.4	0.0870−0.1069i	0.8988+0.2595i	−0.0911−1.4551i	0.4934+0.0220i	0.2403−0.4658i	2.0855+1.7888i	−0.8503−0.7488i	0.1406+0.0767i
33.5	0.1073−0.1027i	0.7893+0.1559i	−0.0826−1.4043i	0.4545−0.0292i	0.2117−0.4461i	2.1579+1.6656i	−1.0553−0.6766i	0.2058+0.0526i
33.6	0.1408−0.0922i	0.6059+0.0135i	−0.0969−1.3388i	0.3811−0.0894i	0.2119−0.4128i	2.2881+1.5041i	−1.0847−0.7071i	0.2567+0.0486i
33.7	0.1569−0.1089i	0.5108−0.0131i	−0.0484−1.3223i	0.3361−0.1194i	0.2153−0.4091i	2.3591+1.3373i	−1.0368−0.7710i	0.2725+0.0894i
33.8	0.1869−0.1054i	0.3794−0.0756i	0.0201−1.3276i	0.2960−0.1346i	0.2265−0.4262i	2.3585+1.2457i	−0.9615−0.7173i	0.2214+0.0590i
33.9	0.2165−0.1124i	0.2413−0.0675i	0.0519−1.3760i	0.2442−0.1190i	0.2248−0.3988i	2.3446+1.1926i	−0.9306−0.6215i	0.2048+0.0030i
34.0	0.2497−0.1194i	0.0867−0.0582i	0.0313−1.4876i	0.1915−0.1061i	0.2340−0.4434i	2.4065+1.1655i	−0.9036−0.6578i	0.2310+0.0476i
34.1	0.2464−0.1407i	0.0999+0.0366i	−0.0036−1.5948i	0.2047−0.0487i	0.1839−0.4759i	2.3407+1.1519i	−0.9458−0.5843i	0.2707−0.0025i
34.2	0.2626−0.1670i	0.0317+0.1230i	−0.0981−1.6879i	0.1915−0.0092i	0.1543−0.4855i	2.3080+1.1263i	−0.9207−0.5863i	0.2604+0.0314i
34.3	0.2681−0.1834i	0.0287+0.1308i	−0.2854−1.7792i	0.2129−0.0091i	0.1252−0.5007i	2.4009+1.1453i	−0.9363−0.6074i	0.2342+0.0223i
34.4	0.2727−0.1971i	0.0618+0.1335i	−0.4453−1.8252i	0.2535−0.0176i	0.0881−0.4959i	2.4993+1.2064i	−0.9062−0.5079i	0.2150+0.0043i
34.5	0.2833−0.2053i	0.0436+0.1285i	−0.6888−1.7568i	0.2728−0.0305i	0.0291−0.4615i	2.6564+1.1848i	−0.9099−0.5601i	0.2435+0.0155i
34.6	0.3045−0.2142i	0.0078+0.1060i	−0.8365−1.6862i	0.2868−0.0543i	−0.0091−0.4456i	2.7929+1.1788i	−0.8793−0.5911i	0.2511+0.0314i
34.7	0.3231−0.2169i	−0.0390+0.0726i	−0.9585−1.5411i	0.2884−0.0751i	−0.0283−0.4422i	2.9106+1.1319i	−0.8424−0.5857i	0.2781+0.0035i
34.8	0.3212−0.2340i	−0.0570+0.0693i	−1.1166−1.3839i	0.2715−0.0958i	−0.0280−0.4338i	3.0839+1.0046i	−0.9652−0.5610i	0.3399+0.0030i
34.9	0.3396−0.2592i	−0.1064+0.0763i	−1.1941−1.2886i	0.2603−0.1237i	−0.0561−0.4091i	3.2045+0.9316i	−0.9698−0.6178i	0.3592+0.0130i
35.0	0.3650−0.2766i	−0.1797+0.0700i	−1.2662−1.1494i	0.2468−0.1403i	−0.0807−0.3825i	3.3316+0.8200i	−0.9944−0.6164i	0.3659−0.0031i
35.1	0.3818−0.2926i	−0.2352+0.0854i	−1.3310−0.9597i	0.2335−0.1335i	−0.0875−0.3702i	3.4455+0.6549i	−1.0814−0.5487i	0.3782−0.0476i
35.2	0.4171−0.3324i	−0.3202+0.1368i	−1.3485−0.7600i	0.2208−0.1347i	−0.0929−0.3481i	3.5616+0.4378i	−1.1954−0.4187i	0.3912−0.1178i
35.3	0.4523−0.3687i	−0.4088+0.1745i	−1.3538−0.6651i	0.2049−0.1529i	−0.0764−0.3243i	3.6799+0.2893i	−1.2035−0.5008i	0.4339−0.1138i
35.4	0.4696−0.4248i	−0.4915+0.2611i	−1.3407−0.5014i	0.1744−0.1469i	−0.0935−0.3384i	3.7271+0.0173i	−1.2659−0.4369i	0.4780−0.1981i
35.5	0.4763−0.4705i	−0.5355+0.3547i	−1.3049−0.3725i	0.1523−0.1271i	−0.1011−0.3335i	3.6879−0.2043i	−1.4282−0.4132i	0.4786−0.2446i
35.6	0.4915−0.5596i	−0.5722+0.5161i	−1.2407−0.1913i	0.1490−0.1128i	−0.0938−0.3247i	3.6779−0.5977i	−1.4523−0.3104i	0.4848−0.3204i
35.7	0.4701−0.6575i	−0.5391+0.7053i	−1.1418−0.0463i	0.1545−0.0787i	−0.0928−0.3502i	3.5262−0.9175i	−1.4448−0.1845i	0.4435−0.4170i
35.8	0.4374−0.7262i	−0.4726+0.8707i	−1.0818+0.0546i	0.1679−0.0225i	−0.0873−0.3904i	3.3639−1.1300i	−1.4654−0.0813i	0.4144−0.4770i
35.9	0.3749−0.8049i	−0.2947+1.0151i	−0.9180+0.1416i	0.2410+0.0002i	−0.1426−0.4140i	3.0581−1.3593i	−1.3537+0.0545i	0.3171−0.5489i
36.0	0.3025−0.8517i	−0.0667+1.0760i	−0.7364+0.1506i	0.3442−0.0032i	−0.1921−0.4110i	2.6432−1.3603i	−1.3104+0.1467i	0.1925−0.5575i
36.1	0.2490−0.8784i	0.0843+1.0674i	−0.6678+0.1139i	0.4066−0.0390i	−0.2511−0.4319i	2.4285−1.2838i	−1.2165+0.1900i	0.1222−0.5387i
36.2	0.1873−0.9008i	0.2314+0.9713i	−0.5997+0.0594i	0.4577−0.1392i	−0.3195−0.4156i	2.2365−1.1797i	−1.1149+0.2453i	0.0746−0.5111i
36.3	0.1213−0.9149i	0.3460+0.8665i	−0.5776+0.0309i	0.4684−0.2370i	−0.3452−0.3560i	2.1599−1.0427i	−0.9624+0.2488i	0.0429−0.4205i
36.4	0.0719−0.9067i	0.3933+0.7366i	−0.5959+0.0085i	0.4536−0.3254i	−0.3840−0.2942i	2.1485−0.8921i	−0.9076+0.2182i	−0.0149−0.3756i
36.5	0.0295−0.8951i	0.4496+0.6349i	−0.5842−0.0007i	0.4417−0.3846i	−0.4466−0.2596i	2.0777−0.7731i	−0.9377+0.1092i	0.0120−0.3328i
36.6	0.0069−0.9094i	0.4033+0.5626i	−0.5913−0.0100i	0.3837−0.4454i	−0.4432−0.2281i	2.1045−0.6671i	−0.9548+0.0674i	0.0482−0.3049i
36.7	0.0012−0.9164i	0.3873+0.5481i	−0.5848+0.0439i	0.3671−0.4634i	−0.4494−0.2101i	2.1071−0.6738i	−0.9685+0.0658i	0.0722−0.3006i
36.8	−0.0248−0.9208i	0.3888+0.5078i	−0.5706+0.0806i	0.3403−0.4900i	−0.4157−0.1590i	2.1061−0.6422i	−0.9351+0.1045i	0.0526−0.3052i
36.9	−0.0581−0.9114i	0.3539+0.4499i	−0.5644+0.0859i	0.2817−0.5132i	−0.4075−0.1203i	2.1112−0.5586i	−0.8996+0.1325i	0.0431−0.2827i
37.0	−0.0719−0.9225i	0.3489+0.4473i	−0.5671+0.1198i	0.2669−0.5170i	−0.4038−0.1119i	2.1551−0.5127i	−0.8816+0.0988i	0.0479−0.2677i
37.1	−0.0702−0.9717i	0.3272+0.4187i	−0.5648+0.1350i	0.2596−0.5734i	−0.4012−0.0715i	2.2252−0.4421i	−0.9417+0.0454i	0.0410−0.2606i

37.2	-0.1137-1.0133i	0.3380+0.4066i	-0.5457+0.1770i	0.2271-0.6184i	-0.4587-0.0438i	2.2590-0.4613i	-1.0404+0.0563i	0.1047-0.2781i
37.3	-0.1456-1.0660i	0.3353+0.4176i	-0.5295+0.2129i	0.1968-0.6592i	-0.4575+0.0077i	2.3013-0.4592i	-1.0608+0.1003i	0.0940-0.2953i
37.4	-0.1741-1.1119i	0.2980+0.4427i	-0.5094+0.2278i	0.1541-0.6786i	-0.4192+0.0523i	2.3391-0.4551i	-1.0233+0.1926i	0.0562-0.2804i
37.5	-0.2058-1.1534i	0.2707+0.4287i	-0.5096+0.2219i	0.1168-0.7199i	-0.3801+0.0715i	2.4112-0.3742i	-0.9925+0.2427i	-0.0133-0.2633i
37.6	-0.2899-1.1971i	0.2960+0.4196i	-0.4959+0.2657i	0.0649-0.7549i	-0.3573+0.1214i	2.4768-0.3584i	-1.0248+0.3057i	0.0179-0.2846i
37.7	-0.3535-1.2439i	0.3314+0.4451i	-0.4576+0.3039i	0.0386-0.7754i	-0.3222+0.1302i	2.4988-0.3730i	-1.0511+0.3311i	0.0647-0.2776i
37.8	-0.4593-1.3089i	0.3772+0.4566i	-0.3960+0.3263i	-0.0082-0.8199i	-0.2892+0.1546i	2.5683-0.3477i	-1.0023+0.3803i	0.0704-0.2773i
37.9	-0.5881-1.3071i	0.4118+0.4447i	-0.3715+0.3061i	-0.0829-0.8206i	-0.2749+0.1711i	2.6831-0.3064i	-0.8727+0.4430i	0.0296-0.2922i
38.0	-0.7163-1.2715i	0.4546+0.4194i	-0.3736+0.2786i	-0.1449-0.8139i	-0.2282+0.1741i	2.8351-0.3398i	-0.7833+0.4072i	0.0309-0.2844i
38.1	-0.8665-1.2482i	0.5370+0.3976i	-0.4161+0.2507i	-0.2086-0.8243i	-0.2080+0.1495i	3.0168-0.3700i	-0.8277+0.3190i	0.0856-0.2557i
38.2	-0.9468-1.1730i	0.5530+0.3498i	-0.4718+0.2391i	-0.2533-0.8096i	-0.2043+0.1340i	3.1614-0.4148i	-0.8552+0.3067i	0.0669-0.2706i
38.3	-0.9947-1.1001i	0.5829+0.2788i	-0.5126+0.2845i	-0.2618-0.8115i	-0.2024+0.1320i	3.2886-0.5196i	-0.8881+0.3088i	0.0745-0.3303i
38.4	-1.0578-1.0707i	0.6107+0.2721i	-0.5757+0.3118i	-0.2923-0.8021i	-0.1878+0.1041i	3.4498-0.5756i	-0.8904+0.3307i	0.0624-0.2727i
38.5	-1.1690-1.0379i	0.6588+0.2347i	-0.6424+0.3978i	-0.3627-0.8237i	-0.2011+0.0908i	3.6533-0.7733i	-0.8822+0.3781i	0.0960-0.2590i
38.6	-1.2069-0.9720i	0.6643+0.1605i	-0.6550+0.5073i	-0.3881-0.8366i	-0.1928+0.0914i	3.7687-1.0038i	-0.9058+0.4693i	0.1197-0.3109i
38.7	-1.2293-0.8875i	0.6456+0.0683i	-0.6378+0.6357i	-0.4230-0.8492i	-0.1928+0.0658i	3.8161-1.3131i	-0.9497+0.5425i	0.1339-0.3641i
38.8	-1.3042-0.8298i	0.6466+0.0106i	-0.6435+0.8131i	-0.4983-0.8681i	-0.2150+0.0612i	3.9280-1.6982i	-0.9649+0.5365i	0.1998-0.3739i
38.9	-1.3742-0.7716i	0.6242-0.0484i	-0.5956+0.9110i	-0.6031-0.8771i	-0.2456+0.0888i	3.8878-1.9671i	-0.8347+0.5940i	0.1392-0.3882i
39.0	-1.4185-0.7012i	0.6039-0.1266i	-0.5019+1.0415i	-0.6776-0.8827i	-0.2507+0.1101i	3.7530-2.2600i	-0.7825+0.5963i	0.1494-0.4449i
39.1	-1.4340-0.6327i	0.5577-0.1674i	-0.3893+1.1082i	-0.7470-0.8553i	-0.2704+0.1014i	3.5642-2.4609i	-0.7199+0.6358i	0.1237-0.4854i
39.2	-1.4820-0.5753i	0.5153-0.1953i	-0.2679+1.1837i	-0.8561-0.8294i	-0.2597+0.0961i	3.3668-2.6590i	-0.7175+0.6024i	0.0972-0.4755i
39.3	-1.5130-0.5032i	0.4762-0.2256i	-0.1135+1.2417i	-0.9354-0.7831i	-0.2474+0.1156i	3.1357-2.8382i	-0.6871+0.6205i	0.0915-0.5044i
39.4	-1.5542-0.4254i	0.4263-0.2385i	0.0529+1.2588i	-1.0334-0.7118i	-0.2701+0.1242i	2.8835-2.9580i	-0.6175+0.6420i	0.0371-0.5082i
39.5	-1.5713-0.3506i	0.3624-0.2637i	0.1683+1.2350i	-1.1181-0.6478i	-0.2603+0.1457i	2.6598-2.9643i	-0.5600+0.6477i	-0.0594-0.5261i
39.6	-1.6022-0.2674i	0.3240-0.2601i	0.3102+1.1978i	-1.1884-0.5502i	-0.2530+0.1751i	2.4249-2.9281i	-0.5212+0.6067i	-0.0522-0.5000i
39.7	-1.5836-0.1901i	0.3002-0.2427i	0.3713+1.1387i	-1.1791-0.4467i	-0.2435+0.1891i	2.3653-2.8730i	-0.5846+0.5824i	0.0075-0.4848i
39.8	-1.5415-0.0963i	0.2853-0.2843i	0.3718+1.1614i	-1.1408-0.3837i	-0.2420+0.2039i	2.3252-2.9923i	-0.5341+0.6071i	-0.0375-0.5015i
39.9	-1.5457-0.0269i	0.2625-0.2707i	0.4816+1.1367i	-1.1780-0.2995i	-0.2570+0.2416i	2.0830-3.0090i	-0.4487+0.5715i	-0.0562-0.4510i
40.0	-1.5325+0.0125i	0.2118-0.2551i	0.5907+1.0926i	-1.2035-0.2406i	-0.2557+0.2329i	1.9242-2.9047i	-0.4100+0.5295i	-0.0734-0.4209i
40.1	-1.4951+0.0527i	0.1674-0.2530i	0.6444+1.0272i	-1.1877-0.1837i	-0.2335+0.2046i	1.8598-2.7724i	-0.3945+0.5180i	-0.1147-0.4198i
40.2	-1.5071+0.1263i	0.1706-0.2514i	0.6832+0.9371i	-1.1976-0.0956i	-0.2373+0.2570i	1.7994-2.6810i	-0.3924+0.5468i	-0.0856-0.4588i
40.3	-1.5299+0.1940i	0.1645-0.2457i	0.7233+0.8553i	-1.2235-0.0160i	-0.2458+0.2864i	1.7766-2.6057i	-0.4064+0.5203i	-0.0795-0.4963i
40.4	-1.5140+0.2378i	0.1611-0.2396i	0.7477+0.8527i	-1.1940+0.0314i	-0.2467+0.2854i	1.7755-2.5977i	-0.4476+0.4600i	-0.0464-0.5020i
40.5	-1.4750+0.2538i	0.1324-0.2291i	0.7607+0.9129i	-1.1531+0.0485i	-0.2197+0.3113i	1.7904-2.6695i	-0.4731+0.3759i	-0.0093-0.4303i
40.6	-1.4817+0.2749i	0.1346-0.1956i	0.8775+0.8457i	-1.1672+0.0869i	-0.1733+0.3254i	1.7192-2.5998i	-0.5296+0.3980i	0.0115-0.4689i
40.7	-1.5011+0.3787i	0.1756-0.2170i	0.8461+0.7383i	-1.1475+0.1832i	-0.1909+0.3378i	1.8359-2.5938i	-0.5671+0.4694i	0.0368-0.5491i
40.8	-1.5115+0.4455i	0.2019-0.2232i	0.8319+0.6977i	-1.1289+0.2396i	-0.2150+0.3539i	1.9244-2.6744i	-0.5982+0.5272i	0.0506-0.5491i
40.9	-1.5211+0.5038i	0.1975-0.2572i	0.8569+0.7157i	-1.1360+0.2647i	-0.1991+0.3498i	1.9426-2.8565i	-0.6374+0.5234i	0.0254-0.5337i
41.0	-1.4892+0.6144i	0.1803-0.3050i	0.8412+0.7178i	-1.1077+0.3331i	-0.2023+0.3906i	1.8883-3.0171i	-0.5828+0.5815i	-0.0346-0.6215i
41.1	-1.4334+0.6938i	0.1614-0.3460i	0.9053+0.8056i	-1.0681+0.3668i	-0.1692+0.4322i	1.7218-3.2246i	-0.5683+0.6514i	-0.0464-0.6690i
41.2	-1.3695+0.6981i	0.0932-0.4102i	1.0794+0.8466i	-1.0560+0.3166i	-0.1104+0.4282i	1.4512-3.3208i	-0.5353+0.6720i	-0.0825-0.6659i
41.3	-1.3046+0.7683i	-0.0000-0.4199i	1.2074+0.7002i	-1.0454+0.3839i	-0.1115+0.4313i	1.1094-3.2066i	-0.5638+0.7310i	-0.0512-0.7370i
41.4	-1.2305+0.7686i	-0.0296-0.3860i	1.1603+0.6257i	-0.9650+0.3924i	-0.1125+0.4856i	1.1429-3.0590i	-0.5368+0.7777i	-0.0298-0.8801i
41.5	-1.2502+0.8715i	-0.0588-0.3264i	1.1824+0.5726i	-1.0079+0.4820i	-0.0888+0.5777i	1.1148-3.3359i	-0.4806+0.8839i	-0.1484-1.0118i
41.6	-1.1461+0.8737i	-0.0380-0.2102i	1.2566+0.4582i	-0.9460+0.5580i	0.0019+0.5496i	0.8092-3.0582i	-0.3009+0.9452i	-0.3391-0.9156i
41.7	-1.2058+0.8120i	0.0720-0.2368i	1.2768+0.3485i	-0.9509+0.5085i	0.0457+0.5368i	1.0672-2.9282i	-0.2199+0.8159i	-0.3565-0.8199i
41.8	-1.1962+0.9374i	0.0492-0.3409i	1.2486+0.2734i	-0.9402+0.5660i	0.0477+0.5283i	0.9072-3.1641i	-0.2553+0.8224i	-0.3696-0.8753i
41.9	-1.0725+0.9978i	-0.0314-0.3511i	1.1791+0.2421i	-0.8661+0.6091i	0.0814+0.4783i	0.6561-3.1053i	-0.1469+0.8098i	-0.5419-0.8001i
42.0	-1.0159+1.0031i	-0.0828-0.3303i	1.1936+0.1144i	-0.8653+0.6325i	0.1253+0.3929i	0.5324-2.8500i	-0.0097+0.8726i	-0.6587-0.7535i
42.1	-1.0094+0.9384i	-0.0879-0.3211i	1.2257+0.0584i	-0.8302+0.5734i	0.0631+0.3851i	0.6395-2.5934i	-0.0974+0.8297i	-0.4720-0.7919i
42.2	-0.9930+0.9632i	-0.1071-0.2836i	1.2253+0.0060i	-0.8293+0.5931i	0.0809+0.4329i	0.6448-2.5714i	-0.0765+0.8205i	-0.5400-0.8159i
42.3	-1.0250+0.9880i	-0.0708-0.3315i	1.1482+0.0023i	-0.8424+0.5679i	0.0765+0.4577i	0.9127-2.7037i	-0.0084+0.7825i	-0.6159-0.9127i
42.4	-1.0372+1.0816i	-0.1481-0.3466i	1.0970-0.0736i	-0.9231+0.6194i	0.1594+0.4806i	0.9061-3.0099i	0.1421+0.7842i	-0.8588-0.8696i
42.5	-0.9399+1.1195i	-0.2279-0.3515i	1.1801-0.0489i	-0.9314+0.6342i	0.1877+0.4890i	0.4333-2.9732i	0.1685+0.8099i	-0.9362-0.8609i
42.6	-0.8947+1.0830i	-0.2846-0.2956i	1.2948+0.0034i	-0.9573+0.6356i	0.2499+0.4673i	0.2216-2.8952i	0.1372+0.6850i	-0.9407-0.6871i
42.7	-0.8299+1.1290i	-0.2369-0.2247i	1.1128-0.1353i	-0.8782+0.7405i	0.2847+0.4345i	0.2392-2.6976i	0.2051+0.6298i	-0.9954-0.5980i
42.8	-0.7978+1.0831i	-0.1855-0.2582i	1.1109-0.0512i	-0.8363+0.6864i	0.2992+0.4255i	0.2791-2.6001i	0.2087+0.5495i	-0.9667-0.5638i
42.9	-0.8066+1.1465i	-0.1631-0.2811i	1.0810-0.1965i	-0.8416+0.7792i	0.3141+0.3458i	0.3083-2.6742i	0.2270+0.4527i	-0.9496-0.4236i
43.0	-0.6860+1.2618i	-0.2254-0.2847i	0.9272-0.2336i	-0.7542+0.9036i	0.3010+0.3453i	0.0570-2.7766i	0.2456+0.4158i	-0.9094-0.4025i
43.1	-0.6701+1.2420i	-0.3278-0.2616i	1.0602-0.3303i	-0.8326+0.8973i	0.3963+0.3572i	-0.0735-2.4995i	0.2451+0.4812i	-1.0862-0.4901i
43.2	-0.5917+1.2378i	-0.3059-0.2082i	0.9304-0.2873i	-0.7693+0.9591i	0.4301+0.2956i	-0.1095-2.3218i	0.3360+0.3795i	-1.1802-0.2828i
43.3	-0.5817+1.2382i	-0.3263-0.2245i	1.0628-0.4137i	-0.7874+1.0018i	0.4311+0.1899i	-0.2476-1.9535i	0.2765+0.4060i	-1.0711-0.2461i
43.4	-0.6530+1.1645i	-0.3948-0.2107i	1.0361-0.5304i	-0.8236+0.9636i	0.3064+0.1678i	0.5761-1.5823i	0.2652+0.4265i	-1.0458-0.4468i

43.5	-0.7050+1.2184i	-0.4560-0.1588i	0.9940-0.5703i	-0.9202+1.0271i	0.3851+0.1984i	0.9161-1.9551i	0.3598+0.3652i	-1.3572-0.3605i
43.6	-0.6063+1.3053i	-0.5230-0.1440i	0.9499-0.4353i	-0.8710+1.1027i	0.4334+0.2184i	0.6688-2.5334i	0.3164+0.2344i	-1.5258-0.1265i
43.7	-0.5540+1.3516i	-0.4967-0.0878i	1.0484-0.5091i	-0.8040+1.2036i	0.4415+0.1639i	0.3031-2.4833i	0.1679+0.1942i	-1.3665-0.0321i
43.8	-0.4004+1.4384i	-0.4451-0.0517i	0.7197-0.6142i	-0.5856+1.3428i	0.3931+0.0942i	0.3498-2.3443i	0.1835+0.2103i	-1.3084+0.0677i
43.9	-0.2420+1.4099i	-0.4490-0.0037i	0.5183-0.4113i	-0.4084+1.3432i	0.3508+0.0490i	0.4098-2.4630i	0.2392+0.1753i	-1.3018+0.3110i
44.0	-0.2170+1.3372i	-0.4431+0.0002i	0.6603-0.2876i	-0.3690+1.2596i	0.3122+0.0761i	0.3281-2.5687i	0.1700+0.1388i	-1.1774+0.3127i
44.1	-0.2060+1.3014i	-0.4954+0.0524i	0.7320-0.5292i	-0.3971+1.2333i	0.3745+0.0868i	0.2485-2.3098i	0.1754+0.2570i	-1.2598+0.1963i
44.2	-0.2159+1.2381i	-0.5273+0.0331i	0.6539-0.4902i	-0.4314+1.1298i	0.4536+0.1397i	0.5968-2.2308i	0.2354+0.3131i	-1.5369+0.1331i
44.3	-0.0634+1.2655i	-0.4407+0.1171i	0.5035-0.1799i	-0.2568+1.2065i	0.4448+0.0944i	0.2011-2.8942i	0.2436+0.1008i	-1.3446+0.6234i
44.4	-0.0163+1.1281i	-0.4359+0.1190i	0.7680-0.0162i	-0.2265+1.0959i	0.4599+0.0129i	-0.2831-2.7116i	0.1507+0.0539i	-1.0777+0.7433i
44.5	-0.0888+1.0386i	-0.4498+0.0894i	1.0277-0.1524i	-0.2870+0.9912i	0.4198+0.0312i	-0.3522-2.2760i	0.0094+0.1216i	-0.9901+0.4733i
44.6	-0.0828+1.0984i	-0.3663+0.1875i	0.8485-0.4124i	-0.2325+1.1126i	0.3940+0.0127i	-0.2510-2.1260i	0.0317+0.1816i	-0.9729+0.4927i
44.7	-0.0759+1.0626i	-0.3077+0.2378i	0.8312-0.4804i	-0.2066+1.1374i	0.3913-0.0884i	-0.1395-1.8950i	0.0694+0.2029i	-0.8702+0.6156i
44.8	-0.1097+0.9825i	-0.2433+0.1213i	0.8516-0.3999i	-0.1692+0.9951i	0.3637-0.0292i	0.1292-1.7121i	0.0278+0.1794i	-0.8255+0.3791i
44.9	-0.1773+1.0876i	-0.2968+0.0843i	0.7970-0.5190i	-0.2478+1.0624i	0.3729+0.0112i	0.4557-2.1177i	0.0550+0.1358i	-0.9802+0.4399i
45.0	-0.1166+1.1731i	-0.3320+0.1082i	0.6249-0.5510i	-0.2204+1.1492i	0.4229-0.0453i	0.5100-2.4815i	0.1260+0.1197i	-1.1119+0.6403i
45.1	0.0057+1.1245i	-0.3171+0.0823i	0.5742-0.3625i	-0.0836+1.0791i	0.4267-0.0847i	0.0512-2.6749i	0.0400+0.0862i	-0.9463+0.6590i
45.2	0.0696+1.0312i	-0.3018+0.0791i	0.6825-0.2315i	-0.0056+0.9954i	0.4052-0.1225i	-0.4421-2.5271i	-0.0834+0.0432i	-0.7695+0.6381i
45.3	0.1208+1.0756i	-0.3198+0.1557i	0.5634-0.4257i	0.0183+1.1074i	0.3320-0.1850i	-0.5420-2.3269i	-0.0234+0.1193i	-0.6957+0.7585i
45.4	0.0888+0.9920i	-0.3434+0.1739i	0.6418-0.3447i	-0.0339+1.0430i	0.3122-0.1989i	-0.4227-2.0949i	0.0239+0.1464i	-0.6403+0.8330i
45.5	-0.0132+0.9661i	-0.3620+0.1744i	0.8360-0.4725i	-0.1226+1.0087i	0.3236-0.1613i	-0.1782-1.8917i	0.0292+0.1657i	-0.6299+0.6548i
45.6	-0.1145+1.0705i	-0.3712+0.1910i	0.8117-0.6841i	-0.2149+1.0928i	0.3854-0.1514i	0.2282-2.1102i	0.0304+0.1847i	-0.7890+0.7102i
45.7	0.0229+1.1033i	-0.3079+0.2171i	0.5536-0.6088i	-0.0525+1.1460i	0.3063-0.1852i	0.0099-2.3400i	0.0289+0.1193i	-0.6782+0.8076i
45.8	0.0860+1.0344i	-0.2790+0.1870i	0.5031-0.4568i	0.0303+1.0692i	0.2603-0.1926i	-0.1344-2.2512i	0.0201+0.0797i	-0.5984+0.7709i
45.9	0.1383+1.0510i	-0.3058+0.2161i	0.4521-0.4485i	0.0625+1.0902i	0.2756-0.2073i	-0.2730-2.3416i	-0.0015+0.1185i	-0.5766+0.8310i
46.0	0.1524+1.0267i	-0.2870+0.2382i	0.4919-0.4110i	0.0764+1.0671i	0.3073-0.2166i	-0.4044-2.3843i	-0.0348+0.1141i	-0.5286+0.8678i
46.1	0.1742+0.9598i	-0.2396+0.1921i	0.4902-0.3455i	0.1307+0.9900i	0.2585-0.2327i	-0.5599-2.1524i	-0.0519+0.1118i	-0.4338+0.7682i
46.2	0.1606+0.8988i	-0.2747+0.1579i	0.5048-0.2927i	0.1100+0.9115i	0.2335-0.1719i	-0.4001-1.9463i	-0.0610+0.1352i	-0.4507+0.7185i
46.3	0.1770+0.8799i	-0.2650+0.1999i	0.5243-0.2224i	0.1267+0.9218i	0.2020-0.1860i	-0.4100-2.0595i	-0.0735+0.0745i	-0.3698+0.7330i
46.4	0.1596+0.8962i	-0.2562+0.2325i	0.6020-0.2713i	0.1056+0.9686i	0.1732-0.2476i	-0.4922-2.1197i	-0.0663+0.0867i	-0.3149+0.7630i
46.5	0.1158+0.9223i	-0.2666+0.2478i	0.6812-0.4125i	0.0639+1.0101i	0.1897-0.2332i	-0.5137-2.0770i	-0.0845+0.1046i	-0.3194+0.7597i
46.6	0.1353+0.9500i	-0.2599+0.2637i	0.6013-0.4504i	0.1025+1.0264i	0.1933-0.2066i	-0.4961-2.0676i	-0.0868+0.1240i	-0.3095+0.7603i
46.7	0.1785+0.9364i	-0.2304+0.2790i	0.5256-0.3673i	0.1606+1.0130i	0.1921-0.2375i	-0.5315-2.1011i	-0.0767+0.1130i	-0.2601+0.7854i
46.8	0.1971+0.9185i	-0.1942+0.2826i	0.6005-0.3440i	0.1932+0.9935i	0.1717-0.2490i	-0.7000-2.1516i	-0.0988+0.1118i	-0.1732+0.7562i
46.9	0.2527+0.9329i	-0.1457+0.2893i	0.5343-0.4439i	0.2833+1.0230i	0.0937-0.2802i	-0.8962-2.0259i	-0.1111+0.1099i	-0.0644+0.7375i
47.0	0.2862+0.9062i	-0.1519+0.2881i	0.4745-0.4000i	0.3086+0.9945i	0.0951-0.2898i	-0.8830-1.9777i	-0.1001+0.1385i	-0.0574+0.7444i
47.1	0.2718+0.8947i	-0.1598+0.2956i	0.4969-0.4025i	0.2816+0.9814i	0.0636-0.2855i	-0.8758-1.8655i	-0.0734+0.1661i	-0.0775+0.7397i
47.2	0.2764+0.8536i	-0.1099+0.2718i	0.4981-0.3728i	0.3132+0.9267i	0.0314-0.2125i	-0.8859-1.7394i	-0.0940+0.1562i	-0.0463+0.6344i
47.3	0.2713+0.8362i	-0.0772+0.2556i	0.5124-0.3838i	0.3387+0.9027i	0.0393-0.2103i	-0.8914-1.6976i	-0.0945+0.1703i	0.0030+0.6239i
47.4	0.2829+0.8009i	-0.0676+0.2219i	0.4527-0.3484i	0.3636+0.8428i	0.0132-0.2009i	-0.8354-1.5736i	-0.1054+0.1618i	-0.0120+0.5764i
47.5	0.2887+0.7956i	-0.0707+0.2314i	0.4476-0.3111i	0.3578+0.8538i	-0.0046-0.2330i	-0.8722-1.6155i	-0.0866+0.1635i	0.0074+0.6044i
47.6	0.2949+0.7688i	-0.0738+0.2045i	0.4421-0.3250i	0.3672+0.8199i	-0.0417-0.2252i	-0.9189-1.4390i	-0.0508+0.1999i	0.0308+0.5417i
47.7	0.2735+0.7547i	-0.0777+0.1979i	0.4839-0.2992i	0.3375+0.8010i	0.0051-0.2083i	-0.8028-1.3578i	-0.0534+0.1701i	0.0391+0.5258i
47.8	0.2603+0.7840i	-0.0671+0.1940i	0.4500-0.3914i	0.3282+0.8207i	0.0142-0.1851i	-0.7367-1.3796i	-0.0555+0.1881i	0.0515+0.4928i
47.9	0.2839+0.7857i	-0.0712+0.1883i	0.3470-0.3726i	0.3419+0.8137i	-0.0392-0.1991i	-0.6953-1.4348i	-0.0337+0.1902i	0.0314+0.5096i
48.0	0.3016+0.7463i	-0.0798+0.1819i	0.3327-0.2657i	0.3539+0.7796i	-0.0221-0.1784i	-0.6842-1.3733i	-0.0294+0.1372i	0.0164+0.4844i
48.1	0.2837+0.7067i	-0.0868+0.1914i	0.3789-0.1194i	0.3327+0.7558i	-0.0300-0.2081i	-0.6110-1.5343i	-0.0212+0.1086i	0.0170+0.5092i
48.2	0.2786+0.7191i	-0.0632+0.1884i	0.5207-0.1511i	0.3360+0.7700i	-0.0300-0.2017i	-0.8723-1.5212i	0.0034+0.1056i	0.1012+0.4806i
48.3	0.2884+0.7345i	-0.0584+0.1745i	0.5635-0.2353i	0.3539+0.7809i	-0.0156-0.2059i	-0.9874-1.3544i	-0.0018+0.1336i	0.1318+0.4342i
48.4	0.2975+0.7400i	-0.0617+0.1767i	0.5734-0.3020i	0.3732+0.7809i	-0.0670-0.2100i	-0.9695-1.2256i	0.0622+0.1385i	0.1552+0.3929i
48.5	0.2972+0.7386i	-0.0615+0.1649i	0.4896-0.3653i	0.3749+0.7735i	-0.0833-0.1596i	-0.7979-1.1000i	0.0961+0.0612i	0.1288+0.3348i
48.6	0.3056+0.7387i	-0.0650+0.1547i	0.4689-0.3269i	0.3857+0.7703i	-0.0640-0.1637i	-0.7416-1.1443i	0.0351-0.0443i	0.0823+0.3269i
48.7	0.3257+0.7050i	-0.0653+0.1377i	0.4365-0.3299i	0.4117+0.7316i	-0.0714-0.1577i	-0.7162-0.9663i	-0.0218-0.0411i	0.0710+0.2717i
48.8	0.3245+0.6712i	-0.0788+0.1188i	0.3728-0.3421i	0.4003+0.6804i	-0.1011-0.0837i	-0.5179-0.7678i	-0.0882-0.0226i	0.0262+0.2101i
48.9	0.3222+0.6721i	-0.0855+0.1476i	0.3493-0.2509i	0.3752+0.7087i	-0.0408-0.0969i	-0.3823-1.0970i	-0.1093+0.0065i	0.0132+0.3099i
49.0	0.3178+0.6821i	-0.0621+0.1417i	0.4076-0.2049i	0.4000+0.7262i	-0.0472-0.1536i	-0.4848-1.2429i	-0.0826+0.0084i	0.0447+0.3426i
49.1	0.3118+0.6584i	-0.0649+0.1361i	0.4401-0.1368i	0.4122+0.7122i	-0.1210-0.1573i	-0.5222-1.3042i	-0.1025-0.0434i	0.0426+0.3111i
49.2	0.3373+0.6702i	-0.0765+0.1372i	0.4694-0.1702i	0.4337+0.7228i	-0.1009-0.1935i	-0.6324-1.2856i	-0.1189-0.0252i	0.0765+0.2904i
49.3	0.3259+0.6903i	-0.0886+0.1242i	0.4941-0.2190i	0.4160+0.7219i	-0.1253-0.1635i	-0.6483-1.2185i	-0.1223-0.0124i	0.0852+0.2741i
49.4	0.3249+0.6681i	-0.0919+0.1346i	0.5104-0.1951i	0.4233+0.6968i	-0.1673-0.1237i	-0.7197-1.1836i	-0.1784-0.0205i	0.0689+0.2628i
49.5	0.3305+0.6545i	-0.0895+0.1398i	0.5134-0.1574i	0.4308+0.6930i	-0.1278-0.1232i	-0.6812-1.2208i	-0.1881-0.0115i	0.0374+0.2598i
49.6	0.3107+0.6487i	-0.1040+0.1339i	0.6537-0.1584i	0.4169+0.6875i	-0.1069-0.1111i	-0.7822-1.1992i	-0.2197-0.0149i	0.0485+0.2197i
49.7	0.2742+0.6788i	-0.0886+0.1469i	0.7528-0.3283i	0.3961+0.7058i	-0.1417-0.0762i	-0.9012-0.9987i	-0.2320-0.0234i	0.0693+0.1633i

49.8	0.3200+0.6970i	-0.0626+0.1368i	0.5858-0.5023i	0.4336+0.7164i	-0.0992-0.0682i	-0.8108-0.7535i	-0.2490+0.0126i	0.0401+0.0998i
49.9	0.3520+0.6717i	-0.0836+0.1174i	0.4292-0.4287i	0.4531+0.6948i	-0.1009-0.1003i	-0.5189-0.8108i	-0.2745+0.0834i	-0.0626+0.1392i
50.0	0.3593+0.6412i	-0.0867+0.1104i	0.4423-0.3657i	0.4664+0.6636i	-0.0785-0.0611i	-0.6482-0.8328i	-0.2575+0.1126i	-0.0422+0.1858i
50.1	0.3428+0.6195i	-0.0901+0.0993i	0.4156-0.3483i	0.4544+0.6439i	-0.1101-0.0815i	-0.5516-0.7041i	-0.2286+0.1118i	-0.0648+0.1293i
50.2	0.3402+0.6229i	-0.1137+0.0897i	0.3711-0.3471i	0.4386+0.6454i	-0.0697-0.1182i	-0.4489-0.6845i	-0.2042+0.1137i	-0.0911+0.1032i
50.3	0.3292+0.6385i	-0.1244+0.1065i	0.4249-0.3259i	0.4249+0.6509i	-0.0516-0.0571i	-0.3612-0.8075i	-0.2058+0.1333i	-0.1021+0.1584i
50.4	0.3234+0.6440i	-0.1092+0.1145i	0.4734-0.3480i	0.4370+0.6592i	-0.1112-0.0493i	-0.4485-0.8251i	-0.2070+0.0984i	-0.0776+0.1720i
50.5	0.3195+0.6367i	-0.1164+0.1112i	0.4299-0.3595i	0.4536+0.6458i	-0.1256-0.0263i	-0.4167-0.7068i	-0.2271+0.0830i	-0.0770+0.1426i
50.6	0.3234+0.6573i	-0.1314+0.1122i	0.4136-0.3184i	0.4501+0.6550i	-0.0916-0.0505i	-0.3467-0.8339i	-0.1969+0.1335i	-0.1116+0.2079i
50.7	0.3392+0.6442i	-0.1471+0.1286i	0.3998-0.2576i	0.4624+0.6448i	-0.0996-0.0515i	-0.2898-0.9269i	-0.1824+0.1372i	-0.1330+0.2429i
50.8	0.3344+0.6321i	-0.1256+0.1511i	0.4655-0.2071i	0.4634+0.6348i	-0.1153-0.0324i	-0.3681-1.0153i	-0.1588+0.1288i	-0.1266+0.2649i
50.9	0.3227+0.6502i	-0.1207+0.1271i	0.5263-0.2939i	0.4505+0.6381i	-0.1040-0.0115i	-0.4138-0.8872i	-0.1767+0.0941i	-0.1129+0.2376i
51.0	0.3375+0.6667i	-0.1380+0.1333i	0.4916-0.3301i	0.4642+0.6598i	-0.0833-0.0489i	-0.3641-0.8517i	-0.2057+0.0598i	-0.1235+0.2328i
51.1	0.3735+0.6714i	-0.1372+0.1376i	0.4550-0.3612i	0.4848+0.6649i	-0.0934-0.0738i	-0.4085-0.7760i	-0.1972+0.0805i	-0.0845+0.2105i
51.2	0.3737+0.6397i	-0.1504+0.1458i	0.3886-0.3492i	0.4842+0.6581i	-0.1076-0.0304i	-0.2603-0.7365i	-0.1881+0.0707i	-0.1240+0.2212i
51.3	0.3572+0.6339i	-0.1258+0.1603i	0.4221-0.2707i	0.5095+0.6587i	-0.0984-0.0068i	-0.3140-0.8971i	-0.2303+0.0735i	-0.1277+0.2510i
51.4	0.3656+0.6396i	-0.1186+0.1381i	0.5177-0.2945i	0.5239+0.6415i	-0.1608-0.0428i	-0.5558-0.7662i	-0.2170+0.0735i	-0.0903+0.2237i
51.5	0.3903+0.6592i	-0.1321+0.1154i	0.5246-0.3848i	0.5280+0.6357i	-0.1710-0.0379i	-0.5078-0.5801i	-0.2312+0.1108i	-0.1202+0.1916i
51.6	0.4106+0.6688i	-0.1529+0.1196i	0.4553-0.4539i	0.5351+0.6439i	-0.1211-0.0018i	-0.3276-0.4809i	-0.2009+0.1148i	-0.1406+0.1939i
51.7	0.4208+0.6661i	-0.1747+0.1401i	0.3658-0.4689i	0.5528+0.6456i	-0.1197-0.0287i	-0.0754-0.5272i	-0.2124+0.1209i	-0.2095+0.2305i
51.8	0.4263+0.6416i	-0.1824+0.1709i	0.3298-0.4210i	0.5571+0.6306i	-0.1099-0.0321i	0.0508-0.6471i	-0.2251+0.1192i	-0.2425+0.2625i
51.9	0.4122+0.6308i	-0.1666+0.2210i	0.3609-0.3909i	0.5531+0.6245i	-0.1082-0.0062i	0.0648-0.7883i	-0.2254+0.1772i	-0.2350+0.3165i
52.0	0.4218+0.6340i	-0.0979+0.2311i	0.3699-0.3974i	0.5703+0.6285i	-0.0880-0.0388i	-0.1242-0.8509i	-0.1808+0.1918i	-0.1717+0.3456i
52.1	0.4141+0.6207i	-0.0695+0.1543i	0.3185-0.3672i	0.5882+0.5993i	-0.1058-0.0798i	-0.0450-0.8665i	-0.1693+0.1681i	-0.1763+0.3523i
52.2	0.4305+0.6344i	-0.0866+0.1098i	0.3342-0.3929i	0.6050+0.5808i	-0.0826-0.0908i	-0.0129-0.8731i	-0.1965+0.1526i	-0.1210+0.3350i
52.3	0.4436+0.6328i	-0.1419+0.1132i	0.2989-0.4044i	0.6073+0.5776i	-0.1601-0.1041i	-0.0250-0.9013i	-0.1964+0.1424i	-0.1278+0.3408i
52.4	0.4609+0.6155i	-0.1586+0.1435i	0.2559-0.3721i	0.6154+0.5631i	-0.1762-0.0695i	-0.1241-0.8946i	-0.1779+0.1172i	-0.0827+0.3433i
52.5	0.4584+0.6017i	-0.1850+0.1341i	0.2524-0.3835i	0.6000+0.5423i	-0.1807-0.1042i	-0.1661-0.7438i	-0.1838+0.0762i	-0.0296+0.3151i
52.6	0.4727+0.5948i	-0.2216+0.1688i	0.1849-0.3709i	0.5945+0.5554i	-0.2211-0.1027i	0.0021-0.7936i	-0.1517+0.0408i	-0.0878+0.3230i
52.7	0.4783+0.5984i	-0.2092+0.1934i	0.1825-0.2707i	0.6032+0.5467i	-0.2232-0.0221i	-0.0181-0.9968i	-0.1786+0.0561i	-0.0904+0.3109i
52.8	0.4913+0.5821i	-0.2097+0.2123i	0.2189-0.2498i	0.6103+0.5348i	-0.2731-0.0178i	-0.0926-0.9971i	-0.1941+0.0397i	-0.0843+0.3162i
52.9	0.5133+0.6015i	-0.2133+0.2558i	0.2322-0.2846i	0.6264+0.5518i	-0.3143-0.0464i	-0.0269-0.9886i	-0.2480-0.0061i	-0.0927+0.3269i
53.0	0.5280+0.5942i	-0.1804+0.2839i	0.2496-0.3297i	0.6441+0.5574i	-0.2751+0.0028i	-0.0090-0.8742i	-0.2887+0.0527i	-0.0891+0.3072i
53.1	0.5166+0.5614i	-0.1119+0.2917i	0.1970-0.3920i	0.6693+0.5371i	-0.2503+0.0653i	0.1188-0.8003i	-0.3421+0.0873i	-0.1406+0.3296i
53.2	0.5085+0.5404i	-0.1141+0.2251i	0.0746-0.3505i	0.6871+0.4945i	-0.2492+0.0497i	0.3307-0.9555i	-0.3101+0.1027i	-0.2094+0.3563i
53.3	0.5355+0.5407i	-0.1574+0.1707i	-0.0349-0.2400i	0.6973+0.4671i	-0.2798+0.0348i	0.4855-1.1898i	-0.2984+0.1387i	-0.1730+0.3768i
53.4	0.5310+0.5193i	-0.1846+0.1659i	-0.0037-0.1037i	0.6820+0.4279i	-0.3114+0.0618i	0.2843-1.4114i	-0.2839+0.1427i	-0.1236+0.4274i
53.5	0.5093+0.4938i	-0.2659+0.2858i	0.1091-0.0641i	0.6393+0.4289i	-0.3581+0.1342i	0.0082-1.3722i	-0.2868+0.1533i	-0.0992+0.4150i
53.6	0.4882+0.4791i	-0.1882+0.4899i	0.1703-0.1250i	0.6461+0.4580i	-0.2814+0.2905i	-0.0452-1.2243i	-0.2919+0.1654i	-0.0873+0.4317i
53.7	0.4519+0.4906i	0.0443+0.4009i	0.0938-0.1402i	0.6861+0.4460i	-0.1571+0.2200i	0.0503-1.1311i	-0.2963+0.1163i	-0.0910+0.3907i
53.8	0.4729+0.5188i	-0.0235+0.2119i	0.0621-0.0590i	0.6746+0.4101i	-0.2084+0.0600i	0.1183-1.2121i	-0.2962+0.1439i	-0.0864+0.3672i
53.9	0.4632+0.5590i	-0.0966+0.1376i	0.0680-0.0157i	0.6424+0.4089i	-0.2294+0.0296i	0.2088-1.2973i	-0.2891+0.1365i	-0.1134+0.3752i
54.0	0.4626+0.5978i	-0.1933+0.1581i	0.1130+0.0332i	0.6471+0.4151i	-0.3804+0.1073i	0.2680-1.4502i	-0.3963+0.0975i	-0.1359+0.4145i
54.1	0.5313+0.5829i	-0.2791+0.2918i	0.0695+0.0231i	0.6603+0.4342i	-0.4179+0.2031i	0.1930-1.4712i	-0.4172+0.0926i	-0.1123+0.4866i
54.2	0.5577+0.5417i	-0.2807+0.3927i	0.1169+0.1042i	0.6539+0.4405i	-0.4106+0.2407i	-0.0366-1.5262i	-0.4136+0.1068i	-0.0757+0.4548i
54.3	0.5606+0.5052i	-0.2963+0.4309i	0.1245+0.1377i	0.6596+0.4189i	-0.4459+0.2573i	-0.0040-1.5323i	-0.4548+0.1533i	-0.0857+0.4401i
54.4	0.5579+0.5050i	-0.2609+0.4650i	0.1508+0.1812i	0.6617+0.4009i	-0.3924+0.3068i	-0.0054-1.6399i	-0.4735+0.2111i	-0.0688+0.4930i
54.5	0.5551+0.4938i	-0.1934+0.5919i	0.2518+0.2253i	0.6632+0.4319i	-0.3376+0.4155i	-0.2353-1.5601i	-0.5495+0.1980i	-0.0520+0.4838i
54.6	0.5809+0.4862i	-0.1588+0.6162i	0.3216+0.2652i	0.6594+0.4186i	-0.2360+0.4404i	-0.4365-1.6517i	-0.4826+0.2403i	0.0019+0.4778i
54.7	0.5909+0.4741i	-0.0853+0.6303i	0.4244+0.2417i	0.6675+0.4044i	-0.1861+0.4793i	-0.6137-1.6577i	-0.4385+0.3231i	-0.0536+0.4835i
54.8	0.5995+0.4486i	-0.0649+0.6084i	0.4076+0.1743i	0.6684+0.4093i	-0.2090+0.4537i	-0.6062-1.4026i	-0.4649+0.2579i	-0.0455+0.4306i
54.9	0.5671+0.4311i	0.0040+0.6816i	0.3687+0.1537i	0.6674+0.4237i	-0.1560+0.5236i	-0.5373-1.3014i	-0.4311+0.1980i	-0.0109+0.4484i
55.0	0.5609+0.4085i	0.0598+0.7437i	0.3773+0.2083i	0.6995+0.4210i	-0.1183+0.5692i	-0.4548-1.3679i	-0.4740+0.2160i	-0.0016+0.4331i
55.1	0.5760+0.3960i	0.0987+0.6856i	0.4097+0.2159i	0.7057+0.3968i	-0.0869+0.5108i	-0.4946-1.3921i	-0.4437+0.2611i	-0.0185+0.4414i
55.2	0.5833+0.4015i	0.1764+0.6401i	0.4459+0.1640i	0.7029+0.3959i	-0.0140+0.4468i	-0.6417-1.2911i	-0.3743+0.2736i	0.0028+0.4671i
55.3	0.5463+0.3679i	0.2709+0.7076i	0.4813+0.1778i	0.7154+0.3760i	0.0367+0.5464i	-0.6661-1.3047i	-0.4167+0.3188i	0.0722+0.4985i
55.4	0.5340+0.3502i	0.2818+0.6617i	0.4823+0.1787i	0.7012+0.3401i	0.0727+0.4849i	-0.6622-1.3169i	-0.4220+0.3220i	0.1020+0.4170i
55.5	0.5172+0.3490i	0.3526+0.6755i	0.5034+0.1393i	0.7019+0.3432i	0.0860+0.4839i	-0.7118-1.2028i	-0.3854+0.3097i	0.0638+0.4322i
55.6	0.4917+0.3643i	0.4281+0.6504i	0.4947+0.1369i	0.7104+0.3333i	0.1106+0.5083i	-0.6321-1.2284i	-0.4537+0.3753i	0.0526+0.4536i
55.7	0.4963+0.3778i	0.5170+0.5968i	0.5340+0.1543i	0.7403+0.3228i	0.1259+0.4499i	-0.6097-1.2531i	-0.5194+0.4272i	0.0540+0.4705i
55.8	0.4968+0.3707i	0.5978+0.5713i	0.5688+0.1473i	0.7393+0.3347i	0.1467+0.3575i	-0.7336-1.1702i	-0.4889+0.3597i	0.0410+0.4618i
55.9	0.5327+0.3639i	0.5090+0.4904i	0.5221+0.1576i	0.7114+0.3385i	0.1713+0.2843i	-0.7744-1.0812i	-0.3781+0.2634i	0.1149+0.3689i
56.0	0.5379+0.3510i	0.5255+0.3951i	0.5103+0.1646i	0.7259+0.3115i	0.2181+0.2772i	-0.7099-1.0540i	-0.4422+0.2728i	0.1338+0.3676i

56.1	0.5105+0.3561i	0.5401+0.3493i	0.5283+0.1434i	0.7250+0.2940i	0.1968+0.3142i	-0.6708-1.0410i	-0.4354+0.3531i	0.1043+0.3636i
56.2	0.5087+0.3660i	0.5974+0.2786i	0.5443+0.1112i	0.7441+0.2656i	0.1599+0.3160i	-0.6579-1.0063i	-0.4514+0.3968i	0.1644+0.3847i
56.3	0.5061+0.3432i	0.6004+0.2800i	0.5680+0.1358i	0.7275+0.2573i	0.1856+0.3045i	-0.7051-1.0398i	-0.5215+0.4002i	0.1291+0.3667i
56.4	0.5101+0.3623i	0.5851+0.1981i	0.5809+0.1366i	0.7054+0.2492i	0.2462+0.2462i	-0.7833-1.0434i	-0.4214+0.3537i	0.1420+0.4026i
56.5	0.5176+0.3545i	0.5652+0.1630i	0.5521+0.1477i	0.7088+0.2573i	0.2733+0.2254i	-0.7308-0.9599i	-0.3197+0.3056i	0.1261+0.3779i
56.6	0.5221+0.3210i	0.5259+0.1666i	0.5733+0.1607i	0.7116+0.2551i	0.2480+0.1507i	-0.7188-0.9055i	-0.3805+0.3113i	0.1508+0.3273i
56.7	0.5237+0.3103i	0.5095+0.1137i	0.5872+0.1275i	0.7089+0.2246i	0.2492+0.1268i	-0.7322-0.8791i	-0.3538+0.3151i	0.1792+0.3624i
56.8	0.5183+0.3016i	0.5350+0.0860i	0.5892+0.1226i	0.7124+0.2178i	0.2359+0.1107i	-0.7235-0.8327i	-0.4228+0.3729i	0.1483+0.3168i
56.9	0.4907+0.2778i	0.5551+0.1202i	0.6123+0.1675i	0.7117+0.2194i	0.2204+0.1281i	-0.6988-0.8500i	-0.5486+0.3736i	0.0876+0.2145i
57.0	0.4816+0.2619i	0.5012+0.0978i	0.5726+0.1735i	0.6940+0.2098i	0.2091+0.1332i	-0.6066-0.7962i	-0.5392+0.3314i	0.1268+0.2035i
57.1	0.4670+0.2668i	0.5258+0.0169i	0.5796+0.1530i	0.6951+0.1807i	0.2128+0.1420i	-0.5909-0.7610i	-0.5379+0.3426i	0.1213+0.2396i
57.2	0.4515+0.2540i	0.5239+0.0058i	0.5889+0.1537i	0.6854+0.1753i	0.1907+0.1052i	-0.5926-0.7305i	-0.5473+0.3309i	0.1269+0.2442i
57.3	0.4403+0.2573i	0.4971+0.0117i	0.6014+0.1572i	0.6785+0.1779i	0.1662+0.0560i	-0.5629-0.7132i	-0.6261+0.3185i	0.1034+0.2191i
57.4	0.3998+0.2543i	0.5626+0.0353i	0.6671+0.1805i	0.6782+0.1801i	0.1447+0.0802i	-0.5808-0.7149i	-0.9143+0.3666i	-0.0264+0.1778i
57.5	0.3875+0.2735i	0.5364-0.0294i	0.6446+0.1515i	0.6589+0.1562i	0.1794+0.0651i	-0.5401-0.7105i	-0.7661+0.4009i	0.0429+0.2452i
57.6	0.3720+0.2711i	0.5720-0.0494i	0.6756+0.1481i	0.6677+0.1463i	0.1697+0.0521i	-0.5346-0.7017i	-0.7226+0.4413i	-0.0172+0.3107i
57.7	0.3606+0.2908i	0.6032-0.0982i	0.6861+0.1316i	0.6537+0.1327i	0.1899+0.0344i	-0.5476-0.6967i	-0.7157+0.4275i	-0.0337+0.2217i
57.8	0.3581+0.2920i	0.5560-0.1018i	0.6945+0.1550i	0.6408+0.1372i	0.1545+0.0227i	-0.5339-0.7018i	-0.9053+0.3356i	-0.0900+0.1515i
57.9	0.3640+0.2860i	0.4759-0.0765i	0.6729+0.1882i	0.6261+0.1459i	0.1185+0.0133i	-0.4558-0.7159i	-0.7539+0.2383i	-0.0073+0.1239i
58.0	0.3354+0.2954i	0.5552-0.1156i	0.7045+0.1452i	0.6380+0.1380i	0.1480+0.0125i	-0.4328-0.6807i	-0.8920+0.4381i	-0.0522+0.1753i
58.1	0.3346+0.3343i	0.5371-0.2307i	0.6772+0.0898i	0.6124+0.1166i	0.1964+0.0125i	-0.4010-0.6718i	-0.7680+0.8286i	-0.0378+0.2909i
58.2	0.3338+0.3714i	0.4963-0.3083i	0.6534+0.0693i	0.5765+0.1070i	0.2268+0.0046i	-0.3765-0.6914i	-0.6736+1.0670i	-0.0367+0.4151i
58.3	0.3186+0.3492i	0.5411-0.2855i	0.6592+0.1635i	0.6005+0.1037i	0.2109+0.0215i	-0.3092-0.7791i	-0.7697+0.8109i	0.0649+0.3426i
58.4	0.3035+0.3535i	0.5985-0.2952i	0.6973+0.1682i	0.5876+0.1257i	0.1707+0.0045i	-0.3540-0.7376i	-1.0498+0.7752i	-0.0753+0.2558i
58.5	0.3174+0.3710i	0.5287-0.3934i	0.6705+0.1476i	0.5613+0.1167i	0.1580-0.0864i	-0.3601-0.7282i	-0.8045+0.8977i	-0.0790+0.2522i
58.6	0.3078+0.3792i	0.4944-0.4402i	0.6624+0.1716i	0.5484+0.1199i	0.1329-0.1024i	-0.3576-0.7790i	-0.6463+0.9510i	-0.0845+0.2391i
58.7	0.2791+0.3921i	0.4712-0.4568i	0.6658+0.2154i	0.5359+0.1128i	0.1152-0.0793i	-0.2710-0.8540i	-0.8454+1.0637i	-0.1033+0.2157i
58.8	0.2664+0.3930i	0.4708-0.4312i	0.6941+0.2448i	0.5246+0.1638i	0.0830-0.0594i	-0.3115-0.8682i	-1.1208+1.3339i	-0.2267+0.3988i
58.9	0.2647+0.4097i	0.4328-0.4748i	0.6892+0.2509i	0.5086+0.1739i	0.0677-0.0849i	-0.2992-0.8842i	-1.2077+1.4642i	-0.2169+0.4760i
59.0	0.2563+0.4696i	0.4487-0.5529i	0.7238+0.2442i	0.5008+0.1783i	0.0943-0.0502i	-0.3204-0.9214i	-0.9044+1.8347i	-0.2449+0.6202i
59.1	0.2788+0.4680i	0.3610-0.4736i	0.7562+0.3414i	0.4969+0.2292i	0.0910-0.0739i	-0.3997-1.0253i	-0.8235+1.5587i	-0.1579+0.5057i
59.2	0.2699+0.5119i	0.4207-0.5191i	0.8609+0.3653i	0.4923+0.2363i	0.1014-0.0675i	-0.5580-1.1281i	-1.2636+1.6870i	-0.3373+0.4496i
59.3	0.2911+0.5414i	0.3786-0.5767i	0.8823+0.3894i	0.5096+0.2454i	0.0692-0.0861i	-0.5549-1.1628i	-1.0697+1.7127i	-0.1748+0.5243i
59.4	0.3151+0.5967i	0.3631-0.6999i	0.9348+0.3610i	0.5336+0.2432i	0.1049-0.0587i	-0.6252-1.1698i	-0.6049+2.1821i	-0.0430+0.6007i
59.5	0.3560+0.6213i	0.3178-0.7399i	1.0057+0.3189i	0.5485+0.2696i	0.0895-0.0832i	-0.7745-1.0721i	-0.3963+2.2929i	-0.0039+0.6993i
59.6	0.4025+0.6371i	0.2828-0.8102i	1.0694+0.2503i	0.5770+0.2805i	0.0583-0.0742i	-0.8915-0.9430i	-0.2827+2.6065i	-0.0043+0.8563i
59.7	0.4435+0.6279i	0.1727-0.8574i	1.0618+0.2418i	0.5923+0.2814i	0.0333-0.0773i	-0.8774-0.8959i	0.1976+2.4880i	0.2404+0.8250i
59.8	0.4722+0.5910i	0.0807-0.7984i	1.0754+0.2565i	0.5953+0.2851i	-0.0023-0.0667i	-0.9248-0.8459i	0.3355+2.1078i	0.3366+0.6246i
59.9	0.5011+0.5535i	-0.0027-0.7620i	1.1545+0.2093i	0.6033+0.2908i	-0.0899-0.0980i	-1.0343-0.7440i	0.5027+2.1303i	0.2551+0.6286i
60.0	0.5028+0.5597i	-0.0414-0.8095i	1.1664+0.1098i	0.5936+0.2800i	-0.0334-0.0617i	-1.1031-0.6547i	0.6791+2.6835i	0.2370+0.6537i
60.1	0.5224+0.5278i	-0.1315-0.7354i	1.1865+0.1390i	0.5816+0.2678i	-0.0146-0.0585i	-1.1165-0.6501i	0.5037+2.2762i	0.1510+0.4270i
60.2	0.5149+0.4969i	-0.1655-0.7081i	1.1472+0.1464i	0.6156+0.2506i	-0.0483-0.0475i	-0.9813-0.5516i	0.8060+1.8650i	0.2639+0.2792i
60.3	0.4973+0.4762i	-0.1389-0.6845i	1.1836+0.1077i	0.6441+0.2569i	-0.0777-0.0343i	-1.0096-0.4468i	0.7506+2.1377i	0.2099+0.4208i
60.4	0.4812+0.4468i	-0.1643-0.6583i	1.2245+0.0935i	0.6404+0.2597i	-0.1065-0.0514i	-1.0541-0.3821i	0.6646+2.2512i	0.0848+0.4635i
60.5	0.4693+0.4402i	-0.2112-0.6214i	1.2277+0.0781i	0.6415+0.2714i	-0.1399-0.0679i	-1.0213-0.3135i	0.9115+2.0137i	0.1477+0.3950i
60.6	0.4619+0.4405i	-0.2320-0.6264i	1.2176+0.0403i	0.6355+0.2687i	-0.1512-0.0258i	-0.9611-0.2427i	0.9618+2.0796i	0.0769+0.3550i
60.7	0.4471+0.4483i	-0.2345-0.6411i	1.2351+0.0337i	0.6567+0.2692i	-0.1100-0.0061i	-0.9214-0.1997i	1.1840+1.9484i	0.1190+0.4073i
60.8	0.4281+0.4440i	-0.2699-0.6165i	1.2391+0.0503i	0.6556+0.2649i	-0.1226-0.0407i	-0.8679-0.1507i	1.0934+1.7103i	0.2065+0.3119i
60.9	0.4137+0.4507i	-0.3044-0.5807i	1.2823+0.0404i	0.6437+0.2771i	-0.1824-0.0137i	-0.9187-0.1420i	1.0677+1.7468i	0.0437+0.3588i
61.0	0.3860+0.4432i	-0.2860-0.5450i	1.3147+0.0321i	0.6625+0.2594i	-0.2348+0.1006i	-0.8637-0.1493i	1.0152+1.5551i	-0.0569+0.2047i
61.1	0.4004+0.4282i	-0.3367-0.4275i	1.2928-0.0081i	0.6972+0.2895i	-0.2499+0.1091i	-0.7849-0.0055i	1.2760+1.6249i	0.0660+0.2023i
61.2	0.3697+0.4357i	-0.3135-0.4204i	1.3049-0.0237i	0.7104+0.2934i	-0.1812+0.1274i	-0.7594+0.0828i	1.4411+1.6018i	0.1020+0.3349i
61.3	0.3635+0.4238i	-0.3776-0.3775i	1.3250-0.0318i	0.7037+0.3070i	-0.1282+0.1613i	-0.7731+0.0922i	1.3090+1.3581i	-0.0192+0.2606i
61.4	0.3309+0.4240i	-0.3764-0.3756i	1.3340-0.0234i	0.7107+0.2988i	-0.1459+0.1658i	-0.7576+0.0994i	1.3124+1.3761i	-0.0232+0.1993i
61.5	0.3121+0.4548i	-0.3852-0.3600i	1.3438-0.0664i	0.7327+0.3034i	-0.1186+0.1354i	-0.7154+0.1906i	1.4176+1.3507i	0.0177+0.3428i
61.6	0.2869+0.4647i	-0.3563-0.3334i	1.3616-0.0467i	0.7457+0.2990i	-0.1232+0.2014i	-0.6496+0.1634i	1.4072+1.1026i	-0.0917+0.1398i
61.7	0.2473+0.4749i	-0.2637-0.3193i	1.3767-0.0798i	0.7932+0.2784i	-0.1028+0.2178i	-0.5752+0.2462i	1.4074+1.3761i	-0.1653+0.1487i
61.8	0.2377+0.4944i	-0.2688-0.3067i	1.3860-0.1387i	0.8117+0.2652i	-0.0486+0.1695i	-0.5726+0.3556i	1.5372+1.4226i	-0.1338+0.3834i
61.9	0.2112+0.5552i	-0.2579-0.3327i	1.4261-0.1490i	0.8397+0.2530i	-0.0490+0.1619i	-0.5287+0.3751i	1.7569+1.4546i	-0.1557+0.4483i
62.0	0.1850+0.5772i	-0.2528-0.3305i	1.4008-0.1592i	0.8628+0.2299i	0.0077+0.2154i	-0.4164+0.3968i	1.6347+1.2308i	-0.1579+0.3289i
62.1	0.1687+0.6225i	-0.2658-0.3328i	1.4236-0.1824i	0.8682+0.2053i	0.0317+0.2035i	-0.3727+0.4030i	1.7573+1.0499i	-0.1138+0.2781i
62.2	0.1430+0.6559i	-0.2553-0.3361i	1.4745-0.1716i	0.8756+0.1719i	0.0399+0.1786i	-0.3468+0.3890i	1.4747+1.1421i	-0.2231+0.1973i
62.3	0.1358+0.7146i	-0.2437-0.3511i	1.4852-0.2071i	0.8784+0.1480i	0.1255+0.1154i	-0.2680+0.4498i	1.5010+1.1841i	-0.2708+0.2738i

62.4	0.1285+0.7693i	-0.2730-0.3644i	1.5193-0.2024i	0.8777+0.1265i	0.1067+0.0914i	-0.2541+0.4532i	1.3490+1.0175i	-0.3288+0.1285i
62.5	0.1375+0.7871i	-0.2669-0.3793i	1.5079-0.2096i	0.8886+0.0990i	0.0697+0.1075i	-0.1828+0.4697i	1.2668+0.9915i	-0.3626+0.1506i
62.6	0.1345+0.8394i	-0.2528-0.3771i	1.5144-0.2406i	0.8928+0.0833i	0.0626+0.0982i	-0.0477+0.5288i	1.3453+1.0099i	-0.3111+0.2247i
62.7	0.1381+0.9031i	-0.2348-0.4021i	1.5464-0.3051i	0.9192+0.0664i	0.0512-0.0039i	-0.0258+0.6444i	1.7337+1.0078i	-0.3124+0.4327i
62.8	0.1481+0.9564i	-0.2380-0.4136i	1.6145-0.3052i	0.8924+0.0226i	0.0296+0.0611i	-0.0084+0.5653i	1.7363+1.1166i	-0.5567+0.2647i
62.9	0.1414+1.0028i	-0.2265-0.4222i	1.6386-0.3107i	0.8930-0.0002i	0.0244+0.0911i	0.0673+0.5860i	1.7067+1.0440i	-0.6405+0.2288i
63.0	0.1397+1.0649i	-0.2071-0.4569i	1.6805-0.3563i	0.8918-0.0091i	0.0273+0.1165i	0.1201+0.6317i	1.8368+1.1656i	-0.8164+0.3700i
63.1	0.1894+1.1159i	-0.2350-0.4699i	1.6323-0.4300i	0.8825-0.0093i	-0.0063+0.0171i	0.2710+0.7257i	1.9130+0.9497i	-0.7172+0.4977i
63.2	0.2108+1.2195i	-0.2938-0.5206i	1.6984-0.4863i	0.8551-0.0558i	-0.0488-0.0301i	0.2944+0.7731i	1.9674+0.9029i	-0.7722+0.5272i
63.3	0.2561+1.2805i	-0.3228-0.5194i	1.7518-0.5193i	0.8314-0.0959i	-0.0846-0.0338i	0.3243+0.7634i	2.0270+1.0480i	-0.9665+0.5749i
63.4	0.3280+1.3361i	-0.3667-0.5228i	1.6839-0.5236i	0.8054-0.1152i	-0.0697+0.0026i	0.5050+0.7113i	2.0627+0.9818i	-0.9237+0.4406i
63.5	0.4096+1.3894i	-0.3921-0.5026i	1.6886-0.5922i	0.7805-0.1104i	-0.0892-0.0288i	0.6134+0.7571i	2.1532+0.9753i	-1.0835+0.5450i
63.6	0.4637+1.4369i	-0.4155-0.5103i	1.7401-0.6303i	0.7395-0.1249i	-0.1284+0.0013i	0.6383+0.8061i	2.3387+0.9446i	-1.3789+0.5674i
63.7	0.5046+1.4964i	-0.4609-0.5649i	1.7399-0.6905i	0.7095-0.1452i	-0.1116+0.0786i	0.7370+0.8263i	2.5764+0.7463i	-1.3744+0.7038i
63.8	0.5733+1.5225i	-0.4903-0.5494i	1.7535-0.7107i	0.6751-0.1437i	-0.1466+0.0704i	0.8392+0.7865i	2.6640+0.8521i	-1.4186+0.8079i
63.9	0.6556+1.5628i	-0.5205-0.5611i	1.7722-0.7650i	0.6341-0.1441i	-0.1363+0.1280i	0.9920+0.7841i	2.8274+0.7714i	-1.5514+0.9762i
64.0	0.7462+1.6034i	-0.5264-0.5508i	1.7703-0.8009i	0.6076-0.1205i	-0.1469+0.1512i	1.1522+0.8155i	2.9083+0.5725i	-1.8493+1.1079i
64.1	0.8264+1.5584i	-0.5445-0.5254i	1.6742-0.7786i	0.5947-0.0808i	-0.0658+0.0914i	1.3032+0.6562i	2.8799+0.3396i	-1.7696+1.2594i
64.2	0.8966+1.5572i	-0.5854-0.4990i	1.7068-0.8228i	0.5772-0.0469i	-0.0533+0.0819i	1.4397+0.6496i	3.0359+0.0869i	-1.7575+1.4293i
64.3	0.9576+1.5506i	-0.6044-0.4924i	1.7368-0.8597i	0.5828-0.0230i	-0.0499+0.1103i	1.5862+0.6560i	3.2208-0.1277i	-1.8850+1.7065i
64.4	1.0283+1.5740i	-0.6229-0.4889i	1.7604-0.9052i	0.5661-0.0082i	-0.1121+0.1243i	1.6939+0.5640i	3.1993-0.1601i	-1.8680+1.9602i
64.5	1.1098+1.6054i	-0.6758-0.4903i	1.8004-0.9946i	0.5405+0.0031i	-0.1385+0.1213i	1.7764+0.5305i	3.2855-0.2608i	-1.9133+2.1753i
64.6	1.1726+1.5733i	-0.6895-0.4492i	1.7652-0.9774i	0.5510+0.0350i	-0.0742+0.1055i	1.8978+0.3242i	3.1313-0.3166i	-1.8070+2.2764i
64.7	1.2193+1.5719i	-0.6864-0.4084i	1.7835-1.0111i	0.5644+0.0661i	-0.1089+0.0855i	2.0539+0.2416i	3.0002-0.4362i	-1.8509+2.4675i
64.8	1.2760+1.5795i	-0.6899-0.4573i	1.8300-1.0179i	0.5821+0.0535i	-0.1251+0.1088i	2.1261+0.0722i	3.1628-0.6567i	-1.8937+2.4260i
64.9	1.3835+1.5782i	-0.7153-0.4912i	1.8783-1.1659i	0.5966+0.0821i	-0.0432+0.0631i	2.0787-0.0272i	3.4485-0.9426i	-2.1068+3.1740i
65.0	1.4872+1.5788i	-0.7967-0.5037i	1.8391-1.2878i	0.5841+0.0634i	-0.0683+0.0925i	2.1406-0.0162i	3.3874-1.3246i	-1.6915+3.5198i
65.1	1.6210+1.5603i	-0.8611-0.4777i	1.8323-1.3463i	0.5687+0.0794i	-0.1424+0.0789i	2.2360-0.1511i	3.3197-1.4295i	-1.6079+3.6336i
65.2	1.7420+1.5047i	-0.9312-0.4321i	1.8470-1.4460i	0.5397+0.0879i	-0.1674+0.0961i	2.3638-0.2427i	3.2438-1.5796i	-1.4769+3.8429i
65.3	1.8044+1.4394i	-0.9050-0.4024i	1.8979-1.5913i	0.5511+0.1449i	-0.1995+0.0970i	2.2685-0.2866i	3.6291-1.6733i	-1.7825+4.5167i
65.4	1.8824+1.3578i	-0.9606-0.3660i	1.8481-1.6550i	0.5532+0.1709i	-0.1899+0.0865i	2.3268-0.4189i	3.6329-2.1977i	-1.6111+4.8101i
65.5	1.9049+1.2791i	-0.9708-0.3693i	1.7745-1.6640i	0.5882+0.1672i	-0.1815+0.1263i	2.3504-0.5719i	3.3652-2.4768i	-1.2067+4.9424i
65.6	1.9863+1.1875i	-1.0211-0.3021i	1.7203-1.7206i	0.6166+0.1913i	-0.1962+0.1346i	2.4421-0.7305i	3.1616-2.6652i	-0.7997+5.2369i
65.7	2.0259+1.1112i	-1.0529-0.2566i	1.6791-1.7921i	0.6181+0.2232i	-0.2236+0.1278i	2.4524-0.8182i	3.0848-2.8106i	-0.5766+5.5276i
65.8	2.0471+1.0542i	-1.1121-0.2721i	1.5920-1.9365i	0.6385+0.2083i	-0.1911+0.1631i	2.5398-0.8441i	2.8277-3.2555i	0.2168+6.0431i
65.9	2.0435+0.9501i	-1.1229-0.1643i	1.5707-1.8501i	0.6584+0.1912i	-0.1902+0.1673i	2.4659-1.1242i	2.4497-3.2061i	0.5500+5.4329i
66.0	2.0482+0.8946i	-1.1026-0.1238i	1.4650-2.0087i	0.6749+0.2440i	-0.2452+0.2035i	2.6043-1.1022i	2.3894-3.4111i	0.9160+5.8544i
66.1	2.0931+0.8164i	-1.1433-0.0744i	1.3803-2.2688i	0.6961+0.2846i	-0.2077+0.1833i	2.6898-0.9990i	2.2595-3.9747i	1.4945+6.8371i
66.2	2.1030+0.7662i	-1.1407-0.0163i	1.3712-2.3558i	0.6885+0.3457i	-0.2229+0.2300i	2.7013-1.1075i	2.2439-4.1377i	1.2419+7.0043i
66.3	2.0976+0.7192i	-1.1471-0.0044i	1.2667-2.4466i	0.7208+0.3527i	-0.2395+0.2922i	2.7540-1.2052i	2.0749-4.3478i	1.8103+7.2580i
66.4	2.0842+0.6361i	-1.1920+0.0962i	1.1799-2.3275i	0.7335+0.3172i	-0.2508+0.2971i	2.8062-1.5378i	1.4889-4.2501i	2.5776+6.1568i
66.5	2.0951+0.5853i	-1.1972+0.1545i	1.0069-2.3917i	0.7828+0.3682i	-0.1732+0.3286i	2.9445-1.7207i	1.0117-4.5441i	3.0794+6.3074i
66.6	2.0546+0.5260i	-1.1321+0.1909i	0.9118-2.5406i	0.8365+0.4342i	-0.1358+0.3620i	2.9767-1.8366i	0.8579-4.8044i	3.2400+6.7376i
66.7	2.0534+0.4885i	-1.1370+0.1986i	0.6903-2.5569i	0.9237+0.4353i	-0.1689+0.4175i	3.2064-2.0350i	0.4208-5.1085i	4.3478+6.8447i
66.8	2.0824+0.4876i	-1.1643+0.2309i	0.5990-2.5813i	0.9725+0.4707i	-0.1169+0.4071i	3.2005-2.1277i	0.3888-5.4605i	4.6712+6.9915i
66.9	2.0238+0.4582i	-1.0855+0.2484i	0.6474-2.5830i	1.0657+0.4356i	-0.0797+0.3412i	2.9011-2.2058i	-0.0011-5.5321i	4.6165+7.2743i
67.0	1.9605+0.4443i	-1.0090+0.2506i	0.5697-2.5638i	1.1612+0.4027i	-0.1400+0.3875i	2.8067-2.3084i	-0.4298-5.3660i	5.0317+7.3691i
67.1	1.9671+0.4123i	-1.0406+0.3197i	0.3571-2.5178i	1.1982+0.3479i	-0.1572+0.4360i	2.9099-2.5844i	-1.1121-4.9893i	6.1726+6.4517i
67.2	1.9607+0.4051i	-1.0079+0.3542i	0.3139-2.5820i	1.2716+0.3354i	-0.0956+0.4074i	2.8169-2.6918i	-1.4098-5.1429i	6.2257+6.5414i
67.3	1.9743+0.4366i	-1.0176+0.3204i	0.2181-2.6060i	1.3607+0.3009i	-0.0147+0.3986i	2.8340-2.7643i	-1.7883-5.3411i	6.6838+7.0501i
67.4	2.0193+0.4280i	-1.0637+0.3628i	-0.0589-2.5498i	1.4355+0.2265i	0.0949+0.4355i	3.0184-3.1182i	-2.3931-5.0822i	7.9773+6.3205i
67.5	2.0237+0.3937i	-1.0336+0.4284i	-0.1845-2.4605i	1.4759+0.1198i	0.0520+0.3657i	2.9245-3.3503i	-2.7910-4.6155i	8.6357+5.4670i
67.6	2.0453+0.3821i	-1.0159+0.4653i	-0.2921-2.4407i	1.4891+0.0305i	0.0468+0.3068i	2.8732-3.4415i	-3.0497-4.4712i	9.1895+5.0052i
67.7	2.0934+0.3698i	-1.0611+0.4733i	-0.3791-2.3265i	1.4868-0.1128i	0.1212+0.2951i	2.8076-3.7094i	-3.3968-4.0944i	9.8647+4.1567i
67.8	2.0954+0.3878i	-1.0569+0.4466i	-0.3757-2.3130i	1.4899-0.1950i	0.0933+0.2752i	2.6847-3.7477i	-3.3935-4.0098i	10.0007+4.1874i
67.9	2.1433+0.3110i	-1.0125+0.5172i	-0.4937-2.1562i	1.4809-0.2767i	0.1639+0.2829i	2.6023-4.2221i	-3.5326-3.4412i	10.0048+3.2523i
68.0	2.1917+0.2621i	-1.0295+0.6179i	-0.5752-2.1035i	1.4055-0.3406i	0.0949+0.1082i	2.5353-4.4686i	-3.8329-3.1229i	10.3782+2.0852i
68.1	2.2114+0.1959i	-1.0518+0.6707i	-0.7109-1.9769i	1.3795-0.4345i	0.0231+0.0550i	2.5122-4.7380i	-4.4345-2.8979i	11.3967+1.3964i
68.2	2.1995+0.1441i	-1.0432+0.6826i	-0.7890-1.8942i	1.3332-0.4910i	-0.0328+0.0616i	2.3407-4.8977i	-4.7091-2.6822i	11.8913+0.9695i
68.3	2.1992+0.1030i	-0.9865+0.6807i	-0.8045-1.8608i	1.3181-0.5310i	-0.1259+0.1156i	2.1124-5.0519i	-4.7947-2.6251i	11.6157+0.7759i
68.4	2.1773-0.0028i	-0.9202+0.8201i	-0.8101-1.6913i	1.2616-0.5576i	-0.1855+0.1202i	1.7875-5.5022i	-4.7979-1.9399i	11.4097-0.8280i
68.5	2.1379-0.0566i	-0.8876+0.8874i	-0.7981-1.5944i	1.2314-0.5553i	-0.1993+0.1129i	1.4418-5.7394i	-4.8245-1.5777i	11.1220-1.5133i
68.6	2.1100-0.0477i	-0.8571+0.9240i	-0.7068-1.5488i	1.1761-0.6065i	-0.2493+0.1896i	1.1148-5.8213i	-4.9270-1.1536i	11.0099-2.3434i

68.7	2.0869-0.0225i	-0.8274+0.9092i	-0.7050-1.5237i	1.1714-0.6420i	-0.2149+0.2481i	0.8809-5.8084i	-5.0779-0.9680i	11.1026-2.5611i
68.8	2.0722+0.0012i	-0.7943+0.8818i	-0.7812-1.5490i	1.1482-0.7074i	-0.1641+0.3115i	0.6065-5.7398i	-5.3028-0.7662i	11.6231-2.8014i
68.9	2.0690-0.0023i	-0.7755+0.9644i	-0.7667-1.5697i	1.0655-0.7301i	-0.1773+0.3932i	0.2986-5.7427i	-5.2446-0.1785i	11.3700-3.7962i
69.0	2.0718+0.0199i	-0.7748+1.0266i	-0.8339-1.5612i	0.9991-0.7972i	-0.2020+0.3835i	0.0524-5.7823i	-5.5131+0.3896i	11.9103-4.7016i
69.1	2.0705-0.0001i	-0.6746+1.0850i	-0.8104-1.5414i	0.9414-0.7882i	-0.1517+0.3389i	-0.2595-5.7491i	-5.2144+0.8618i	10.9695-5.4231i
69.2	2.0687-0.0128i	-0.5753+1.1212i	-0.8379-1.5407i	0.8654-0.7694i	-0.1218+0.3415i	-0.5679-5.6427i	-4.8743+1.3851i	10.0099-6.1514i
69.3	2.0927-0.0021i	-0.4887+1.1176i	-0.9577-1.5039i	0.8163-0.7742i	-0.1027+0.3174i	-0.7443-5.5503i	-4.8432+1.6190i	9.8853-6.8918i
69.4	2.1185+0.0119i	-0.4283+1.0946i	-1.0686-1.4189i	0.7814-0.7772i	-0.0736+0.2206i	-0.8821-5.4240i	-4.6095+1.7911i	9.7062-7.3955i
69.5	2.1875+0.0004i	-0.3657+1.1426i	-1.1398-1.3412i	0.6932-0.7734i	-0.1192+0.1516i	-1.0240-5.3344i	-4.1270+2.1686i	8.9778-8.2654i
69.6	2.2663-0.0187i	-0.3333+1.1303i	-1.2658-1.2375i	0.6109-0.7947i	-0.2207+0.0585i	-1.0677-5.2862i	-4.1633+2.4222i	9.0492-8.6626i
69.7	2.2596-0.0410i	-0.2316+1.0540i	-1.2803-1.2117i	0.5954-0.7745i	-0.3931+0.0739i	-1.2141-5.1865i	-4.0154+2.3792i	8.6831-8.5245i
69.8	2.2602-0.0696i	-0.1292+0.9720i	-1.2739-1.1190i	0.5663-0.6869i	-0.4984+0.2119i	-1.4423-5.0357i	-3.5497+2.3881i	7.6483-8.6041i
69.9	2.3115-0.0915i	-0.1070+0.9592i	-1.3247-1.0571i	0.5116-0.6528i	-0.5489+0.2520i	-1.5258-5.0114i	-3.3530+2.6820i	7.4005-9.2024i
70.0	2.3290-0.0822i	-0.0832+0.9254i	-1.3426-1.0070i	0.5042-0.6235i	-0.5886+0.3543i	-1.6023-4.9759i	-3.1895+2.8232i	6.9947-9.4095i
70.1	2.3553-0.0971i	-0.0518+0.8752i	-1.3851-0.9139i	0.5042-0.5852i	-0.5901+0.4424i	-1.7398-4.9377i	-2.9869+2.9653i	6.7613-9.6053i
70.2	2.3875-0.1477i	-0.0206+0.8356i	-1.3615-0.7949i	0.4870-0.5411i	-0.5755+0.4816i	-1.9430-4.8573i	-2.7004+3.0362i	6.0715-9.8740i
70.3	2.4174-0.1603i	0.0130+0.7496i	-1.3381-0.6804i	0.5010-0.5354i	-0.5836+0.6092i	-2.0875-4.7565i	-2.5317+3.0196i	5.4235-9.8986i
70.4	2.4558-0.2004i	0.0490+0.7301i	-1.2820-0.6535i	0.4866-0.4916i	-0.6152+0.6930i	-2.2159-4.6581i	-2.2280+2.9722i	4.4619-10.0399i
70.5	2.4934-0.2455i	0.0853+0.7028i	-1.2346-0.5693i	0.4798-0.4684i	-0.6163+0.7882i	-2.3583-4.5897i	-1.8622+3.1024i	3.6764-10.4198i
70.6	2.5613-0.2868i	0.0718+0.6963i	-1.2141-0.4820i	0.4628-0.4659i	-0.5965+0.8620i	-2.4489-4.5927i	-1.7304+3.3681i	3.5249-10.9838i
70.7	2.6351-0.3330i	0.0348+0.6431i	-1.2391-0.4715i	0.4797-0.4732i	-0.5364+0.9285i	-2.4865-4.4247i	-1.8964+3.2898i	3.6193-10.8069i
70.8	2.6432-0.3994i	0.0352+0.6437i	-1.1750-0.3864i	0.4561-0.4467i	-0.4770+1.0074i	-2.6419-4.3535i	-1.7147+3.1965i	2.8971-11.1635i
70.9	2.6563-0.4603i	0.0619+0.5874i	-1.0876-0.3260i	0.4641-0.4234i	-0.4661+1.0850i	-2.8256-4.2005i	-1.3674+3.2109i	1.8729-11.0786i
71.0	2.6871-0.4663i	0.1033+0.5318i	-0.9986-0.3294i	0.4710-0.3999i	-0.4517+1.1033i	-2.9855-4.0316i	-0.9856+3.1735i	0.9265-10.8348i
71.1	2.7291-0.5344i	0.1202+0.4819i	-0.9833-0.3500i	0.4746-0.4129i	-0.4084+1.2581i	-3.0849-3.8925i	-0.8919+3.1585i	0.5317-10.6956i
71.2	2.7773-0.5662i	0.0807+0.3922i	-0.9914-0.4249i	0.4537-0.4342i	-0.3836+1.3603i	-3.0709-3.6768i	-0.8928+2.9773i	0.5726-10.1623i
71.3	2.7898-0.6305i	0.0623+0.3451i	-0.9718-0.4169i	0.4317-0.4344i	-0.3338+1.4262i	-3.1047-3.4977i	-0.7184+2.9101i	0.3121-9.9247i
71.4	2.8147-0.7350i	0.0686+0.3247i	-0.9523-0.4374i	0.4033-0.4266i	-0.2252+1.5099i	-3.1666-3.3363i	-0.4966+2.9066i	-0.3107-10.0072i
71.5	2.8217-0.8339i	0.0623+0.3103i	-0.9302-0.4002i	0.3828-0.4091i	-0.1685+1.4889i	-3.1967-3.2486i	-0.3067+2.8336i	-0.7321-10.1973i
71.6	2.8284-0.9264i	-0.0010+0.2731i	-0.9770-0.3661i	0.3555-0.3801i	-0.0983+1.5741i	-3.1465-3.1608i	-0.4115+2.8390i	-0.6948-9.9498i
71.7	2.8743-1.0043i	-0.0521+0.2235i	-1.0863-0.4341i	0.3152-0.3593i	0.0160+1.6877i	-3.0298-3.0146i	-0.4239+2.8209i	-0.7226-9.8120i
71.8	2.8983-1.0677i	-0.0394+0.1857i	-1.1345-0.4645i	0.2914-0.3086i	0.1256+1.7642i	-3.0329-2.9188i	-0.3205+2.8922i	-1.2989-9.8571i
71.9	2.8951-1.2002i	-0.0796+0.2127i	-1.1711-0.4266i	0.2666-0.2521i	0.2490+1.7862i	-3.0619-2.9156i	-0.1163+2.8249i	-1.9835-10.3454i
72.0	2.8900-1.2775i	-0.1119+0.1977i	-1.2151-0.4171i	0.2671-0.1992i	0.3682+1.8275i	-3.0691-2.8428i	-0.0564+2.8518i	-2.4423-10.3207i
72.1	2.8437-1.3897i	-0.1226+0.2087i	-1.2323-0.3560i	0.2945-0.1414i	0.4521+1.8003i	-3.1387-2.7870i	0.0987+2.9206i	-3.1032-10.5492i
72.2	2.8255-1.4721i	-0.1615+0.1982i	-1.3247-0.3481i	0.3061-0.1102i	0.5953+1.8025i	-3.1066-2.7169i	0.1788+2.8901i	-3.3970-10.3328i
72.3	2.8060-1.5271i	-0.2136+0.1653i	-1.4479-0.3277i	0.3321-0.0859i	0.7572+1.7763i	-3.0473-2.6362i	0.0835+2.6583i	-3.3088-9.6720i
72.4	2.7424-1.5568i	-0.2275+0.1490i	-1.4510-0.2486i	0.3631-0.0491i	0.8352+1.7555i	-3.0696-2.6018i	0.1621+2.5618i	-3.8006-9.7518i
72.5	2.7382-1.6167i	-0.2593+0.1299i	-1.5084-0.2255i	0.3581-0.0220i	0.9304+1.7249i	-3.1036-2.5045i	0.2614+2.8245i	-4.3077-9.5967i
72.6	2.6975-1.7019i	-0.3299+0.1255i	-1.5509-0.1050i	0.3639-0.0099i	1.1038+1.6543i	-3.1238-2.3859i	0.2843+2.8960i	-4.7118-8.9962i
72.7	2.7034-1.7859i	-0.4102+0.1608i	-1.6592-0.1075i	0.3865+0.0675i	1.2345+1.5678i	-3.0830-2.3625i	0.5180+2.7643i	-5.0342-8.9458i
72.8	2.7001-1.8392i	-0.4247+0.1725i	-1.7353-0.0606i	0.4223+0.1074i	1.3348+1.5885i	-3.0963-2.3347i	0.5089+2.6552i	-5.5666-8.7675i
72.9	2.6593-1.8882i	-0.4746+0.1795i	-1.7671+0.0427i	0.4431+0.1441i	1.4127+1.5229i	-3.0693-2.2817i	0.4901+2.6715i	-5.4892-8.3676i
73.0	2.5976-1.9561i	-0.5007+0.1935i	-1.8074+0.1152i	0.4835+0.1931i	1.4806+1.4662i	-3.0892-2.2186i	0.7261+2.5159i	-6.1317-7.9946i
73.1	2.5222-2.0192i	-0.5511+0.2288i	-1.7780+0.2812i	0.5688+0.2049i	1.5631+1.3893i	-3.1473-2.1146i	0.6942+2.3753i	-6.4106-7.4104i
73.2	2.4870-2.0579i	-0.5351+0.2365i	-1.7881+0.3755i	0.6248+0.2050i	1.5930+1.2925i	-3.1943-2.0069i	0.9896+2.4547i	-6.5748-7.0251i
73.3	2.4612-2.1344i	-0.5246+0.2702i	-1.7855+0.5014i	0.6759+0.2209i	1.6412+1.1718i	-3.2890-1.8983i	1.1639+2.5734i	-7.1299-6.7958i
73.4	2.4564-2.2085i	-0.5508+0.2770i	-1.8410+0.5957i	0.7722+0.2155i	1.7306+1.1158i	-3.3121-1.7339i	1.2395+2.6179i	-7.3757-6.3009i
73.5	2.4544-2.2199i	-0.5988+0.2697i	-1.8550+0.6503i	0.8032+0.1972i	1.7676+1.0812i	-3.1854-1.6304i	1.1271+2.4791i	-7.0748-6.0314i
73.6	2.4348-2.3002i	-0.6094+0.2702i	-1.8082+0.7695i	0.8364+0.1778i	1.7591+1.0000i	-3.1548-1.4585i	1.1907+2.2682i	-7.1848-5.7433i
73.7	2.3816-2.3811i	-0.6229+0.3018i	-1.7951+0.8119i	0.8773+0.1618i	1.7799+0.9088i	-3.0466-1.3643i	1.3420+2.3252i	-7.3678-5.2309i
73.8	2.3348-2.5089i	-0.6376+0.3238i	-1.8115+0.9062i	0.9276+0.1479i	1.8309+0.8732i	-2.9799-1.2678i	1.5129+2.2838i	-7.5680-5.1193i
73.9	2.3061-2.6510i	-0.6788+0.3563i	-1.9433+1.0459i	0.9955+0.1173i	1.9158+0.7703i	-2.8904-1.1751i	1.4376+2.1243i	-7.5027-4.7409i
74.0	2.2201-2.7341i	-0.7063+0.3675i	-1.9809+1.0952i	1.0569+0.0863i	1.9781+0.7151i	-2.7752-1.1053i	1.4741+1.7816i	-7.6677-4.3473i
74.1	2.1289-2.7984i	-0.7135+0.4246i	-1.9767+1.2115i	1.0920+0.0413i	2.0333+0.6317i	-2.7328-1.1224i	1.6548+1.9073i	-8.0460-4.1823i
74.2	2.0561-2.7998i	-0.7414+0.4489i	-1.9954+1.2697i	1.1302+0.0224i	2.0587+0.5554i	-2.6639-1.1082i	1.6158+1.8964i	-8.1574-4.0071i
74.3	1.9569-2.8378i	-0.7605+0.5177i	-1.9866+1.4386i	1.1590-0.0260i	2.0495+0.4198i	-2.6065-1.1066i	1.4735+1.7714i	-8.0669-3.8524i
74.4	1.8482-2.8910i	-0.7769+0.5882i	-1.9663+1.5850i	1.1622-0.0695i	2.1260+0.3442i	-2.4992-1.1714i	1.6061+1.9262i	-8.1800-3.7696i
74.5	1.7985-2.9600i	-0.7615+0.6183i	-2.0434+1.7712i	1.2056-0.1190i	2.1170+0.2152i	-2.4805-1.1227i	1.7757+1.6754i	-8.2857-3.3322i
74.6	1.7901-3.0091i	-0.7860+0.6197i	-2.1078+1.9131i	1.2174-0.1984i	2.1267+0.1492i	-2.4386-0.9665i	1.4690+1.6228i	-8.3125-2.8175i
74.7	1.6675-2.9973i	-0.7943+0.6590i	-2.0061+2.0861i	1.2187-0.2747i	2.0866+0.0641i	-2.3410-0.9191i	1.5310+1.6523i	-8.1910-2.0941i
74.8	1.5801-3.0001i	-0.7922+0.6733i	-1.9140+2.2491i	1.1912-0.2886i	2.1072-0.0042i	-2.2623-0.8895i	1.5717+1.5748i	-8.3707-1.9565i
74.9	1.5291-3.0495i	-0.7784+0.7048i	-1.9451+2.3638i	1.1876-0.3190i	2.0546-0.0254i	-2.1755-0.8867i	1.7032+1.3918i	-8.5491-1.7561i

75.0	1.4514-3.0872i	-0.7719+0.7563i	-1.8639+2.5613i	1.2278-0.3717i	1.9768-0.1344i	-2.1469-0.8661i	1.6848+1.5240i	-8.5842-1.3026i
75.1	1.3874-3.1242i	-0.7493+0.8182i	-1.8400+2.7388i	1.2139-0.3912i	1.9522-0.2384i	-2.0957-0.8820i	1.7992+1.5071i	-8.7757-1.2546i
75.2	1.2204-3.1238i	-0.7448+0.8407i	-1.5979+2.9713i	1.1801-0.4865i	1.9408-0.2778i	-1.9074-0.8157i	1.9368+1.5908i	-8.5705-0.8485i
75.3	1.1544-3.1022i	-0.7644+0.8704i	-1.4808+3.1268i	1.1592-0.5339i	2.0057-0.3880i	-1.7800-0.8729i	1.8478+1.4102i	-8.3940-0.4063i
75.4	1.1002-3.2069i	-0.7319+0.9207i	-1.3884+3.4178i	1.1372-0.5808i	1.9388-0.5217i	-1.7875-0.8020i	1.7876+1.3449i	-8.6988+0.1023i
75.5	1.0036-3.2190i	-0.7296+0.9416i	-1.2445+3.5883i	1.0978-0.6285i	1.8785-0.5612i	-1.6541-0.7996i	1.6237+1.2805i	-8.3436+0.5919i
75.6	1.0179-3.2389i	-0.7494+0.9769i	-1.2544+3.6121i	1.0971-0.6264i	1.8326-0.6356i	-1.5248-0.8716i	1.6269+1.1932i	-8.4442+0.6027i
75.7	0.9190-3.1540i	-0.7305+0.9908i	-0.9837+3.6148i	1.0157-0.5815i	1.8023-0.6770i	-1.3846-0.9711i	1.8526+1.1448i	-8.3717+1.0063i
75.8	0.8426-3.1740i	-0.7270+1.0262i	-0.8164+3.7155i	0.9607-0.5932i	1.7910-0.7263i	-1.2786-0.9874i	1.8300+1.1672i	-8.3372+1.1651i
75.9	0.7847-3.1627i	-0.7501+1.0781i	-0.6487+3.7929i	0.9428-0.5780i	1.7839-0.8032i	-1.0812-1.1495i	1.5129+1.1935i	-7.9339+1.1766i
76.0	0.6377-3.2058i	-0.7078+1.1412i	-0.3624+4.0056i	0.9117-0.5987i	1.7114-0.9091i	-0.9349-1.1816i	1.7183+1.2491i	-7.9615+1.7849i
76.1	0.6181-3.1664i	-0.6994+1.1534i	-0.2857+3.9859i	0.9119-0.5782i	1.6475-0.9294i	-0.8823-1.2881i	1.8142+1.0510i	-7.8991+2.2894i
76.2	0.5866-3.1731i	-0.7022+1.2025i	-0.1715+4.0295i	0.8994-0.5737i	1.6147-0.9898i	-0.8418-1.4764i	1.7383+1.1602i	-7.7672+2.5369i
76.3	0.5329-3.1779i	-0.7041+1.2599i	-0.0470+4.0929i	0.9022-0.5458i	1.5712-1.0528i	-0.7444-1.6802i	1.7177+1.0635i	-7.3590+2.6838i
76.4	0.4519-3.2115i	-0.7014+1.3336i	0.1683+4.1067i	0.8710-0.5056i	1.4665-1.0736i	-0.5802-1.8767i	1.6802+1.3566i	-7.0940+2.7647i
76.5	0.3737-3.2030i	-0.6763+1.3672i	0.1783+4.0929i	0.8939-0.5088i	1.4542-1.0683i	-0.4542-2.0139i	1.6983+1.5831i	-7.3138+2.9509i
76.6	0.2857-3.1303i	-0.6541+1.4191i	0.2608+4.2085i	0.9072-0.5115i	1.3868-1.1008i	-0.3838-2.4186i	1.8150+1.4980i	-7.4061+3.3222i
76.7	0.1872-3.1158i	-0.6073+1.4503i	0.4955+4.2866i	0.8851-0.5268i	1.2668-1.1557i	-0.4264-2.5513i	1.8960+1.2193i	-6.9571+3.5816i
76.8	0.1235-3.1461i	-0.5765+1.5113i	0.6537+4.3967i	0.8987-0.5508i	1.2216-1.1738i	-0.4276-2.7503i	1.9444+1.1207i	-6.6929+3.7546i
76.9	0.1434-3.1275i	-0.5764+1.5704i	0.6127+4.3957i	0.9462-0.5188i	1.2101-1.2102i	-0.4925-3.0724i	1.9814+1.1278i	-6.7882+3.9890i
77.0	0.1236-3.1040i	-0.5424+1.5998i	0.6194+4.4306i	0.9890-0.5038i	1.1185-1.2558i	-0.5787-3.2603i	2.1483+1.0885i	-6.6057+4.0582i
77.1	0.0766-3.0470i	-0.5133+1.6331i	0.6692+4.5142i	1.0302-0.5127i	1.0807-1.2473i	-0.5758-3.5146i	2.1641+1.0791i	-6.6344+4.3217i
77.2	0.0302-3.0933i	-0.5159+1.6946i	0.7130+4.6463i	1.0061-0.5661i	1.0694-1.2552i	-0.5034-3.6918i	2.2476+1.1444i	-6.5328+4.4409i
77.3	0.0149-3.1457i	-0.4763+1.7580i	0.8033+4.8991i	1.0185-0.6217i	0.9946-1.2436i	-0.7078-3.8467i	2.0377+1.4492i	-6.5839+5.0860i
77.4	-0.0332-3.1635i	-0.4108+1.8156i	0.9504+5.1799i	1.0708-0.7229i	0.9781-1.2909i	-1.0515-3.9088i	2.2825+1.4760i	-6.0942+5.7034i
77.5	-0.1294-3.0812i	-0.3114+1.8709i	1.4095+5.3582i	0.9973-0.7536i	0.9409-1.3224i	-1.3237-4.1395i	2.7350+1.4629i	-6.0369+5.8665i
77.6	-0.1887-3.1382i	-0.2962+1.9883i	1.5897+5.8199i	0.9551-0.7935i	0.9366-1.3061i	-1.3654-4.6287i	2.6767+1.6155i	-5.6537+6.3566i
77.7	-0.2315-3.1520i	-0.2632+2.0679i	1.8137+5.9558i	0.9006-0.7820i	0.9273-1.3165i	-1.4954-5.0191i	2.8841+1.6075i	-5.3727+6.5948i
77.8	-0.3196-3.1720i	-0.1446+2.1866i	2.2666+6.2946i	0.8954-0.7620i	0.8240-1.3782i	-2.0073-5.4314i	3.1289+1.4234i	-4.8981+7.1897i
77.9	-0.3294-3.2131i	-0.0675+2.2638i	2.6611+6.5277i	0.8773-0.7603i	0.8063-1.3841i	-2.3391-5.5955i	3.1697+1.1172i	-4.4389+7.6439i
78.0	-0.3382-3.1947i	0.0255+2.2993i	2.9932+6.5454i	0.8647-0.7750i	0.8011-1.3720i	-2.7893-5.7481i	3.2470+0.9293i	-3.8542+7.8457i
78.1	-0.3999-3.2599i	0.1920+2.4016i	3.5387+6.7309i	0.8888-0.7526i	0.7441-1.4425i	-3.5706-5.9870i	3.5565+1.0065i	-3.4128+8.0169i
78.2	-0.4810-3.2849i	0.3398+2.4621i	4.1140+6.6813i	0.9021-0.7281i	0.6989-1.5182i	-4.1861-6.0482i	3.5109+1.0279i	-2.6044+7.8748i
78.3	-0.5945-3.2897i	0.5150+2.4349i	4.8425+6.4736i	0.8464-0.7513i	0.5547-1.5120i	-4.6532-5.6005i	3.6234+0.6846i	-1.7005+7.7698i
78.4	-0.7053-3.3108i	0.6727+2.4440i	5.2833+6.4088i	0.8638-0.7612i	0.5259-1.5017i	-5.2127-5.4657i	3.8351+0.2492i	-1.3292+8.0208i
78.5	-0.8574-3.3047i	0.8869+2.3653i	5.9885+6.1104i	0.8667-0.7914i	0.3959-1.5504i	-5.7531-4.8189i	4.2466-0.3975i	-0.6823+7.7610i
78.6	-0.9418-3.3390i	1.0204+2.3092i	6.3891+5.7876i	0.8757-0.7871i	0.3139-1.5156i	-5.9577-4.4184i	4.1489-0.6454i	-0.3372+7.6914i
78.7	-1.0664-3.3707i	1.1011+2.2658i	6.6380+5.4857i	0.8556-0.8359i	0.3063-1.5449i	-6.0083-4.2867i	3.8239-0.6812i	0.0850+7.4849i
78.8	-1.2028-3.4498i	1.2135+2.2209i	7.0836+5.3390i	0.8507-0.9121i	0.2368-1.5737i	-6.1279-3.8826i	3.5541-0.9922i	0.6576+7.3988i
78.9	-1.3265-3.6049i	1.2878+2.1724i	7.3378+5.2580i	0.8208-1.0611i	0.1299-1.5711i	-5.9371-3.3423i	3.4130-1.4724i	1.0807+7.2534i
79.0	-1.7343-3.6299i	1.4170+2.1391i	7.8425+5.0015i	0.5717-1.0890i	0.0231-1.5875i	-5.5389-3.2862i	3.0362-1.4478i	1.2839+6.8498i
79.1	-2.1312-3.2703i	1.6908+2.1111i	8.7808+4.3715i	0.5049-0.8210i	0.0287-1.5312i	-6.6606-4.0756i	3.2451-1.0219i	2.0309+6.4390i
79.2	-2.1687-3.0225i	1.8274+1.9555i	9.0614+3.6656i	0.5815-0.7360i	-0.0528-1.4278i	-7.3995-3.6719i	3.2566-1.0914i	2.4203+5.9013i
79.3	-2.1670-2.8917i	1.8883+1.8292i	9.1927+3.2708i	0.6393-0.7186i	-0.1008-1.4078i	-7.7488-3.1694i	3.0110-1.3831i	2.9026+5.6468i
79.4	-2.2350-2.7800i	1.9512+1.6827i	9.3174+2.8029i	0.6586-0.7118i	-0.1431-1.3757i	-7.8188-2.6354i	2.6659-1.5604i	3.0592+5.4112i
79.5	-2.3259-2.6394i	2.0218+1.5412i	9.5530+2.2289i	0.6472-0.6724i	-0.1962-1.3559i	-7.9222-2.1075i	2.7656-1.3990i	3.3354+5.0467i
79.6	-2.3537-2.4709i	2.0348+1.4096i	9.6550+1.6551i	0.6425-0.6060i	-0.2107-1.3240i	-7.7057-1.5764i	2.8184-1.7111i	3.3732+4.4001i
79.7	-2.4876-2.2643i	2.1413+1.2518i	9.9481+0.9847i	0.7203-0.6009i	-0.2611-1.2883i	-8.0964-1.0661i	2.6459-1.8101i	3.3514+3.9038i
79.8	-2.6119-2.1213i	2.2085+1.0947i	10.1922+0.3701i	0.7520-0.5978i	-0.3443-1.2050i	-8.0100-0.6522i	2.4053-2.0014i	3.7488+3.7086i
79.9	-2.5104-2.0614i	2.1764+1.0621i	9.8937+0.2062i	0.8237-0.5995i	-0.3380-1.2190i	-8.1201-0.5516i	2.4448-2.1230i	3.7676+3.3669i
80.0	-2.4653-1.8850i	2.1416+0.9400i	9.6248-0.3626i	0.8880-0.5698i	-0.3519-1.1650i	-7.8152-0.3680i	2.2997-2.5302i	3.5844+3.0337i

2.1.78 Run 7 – VT270 – Accels 41–47

Vertical shaking at 270°. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	12.4807+0.0000i	6.4582+0.0000i	-3.6917+0.0000i	4.6584+0.0000i	5.4979+0.0000i	7.9124+0.0000i	2.5771+0.0000i
0.1	1.8953+1.1191i	1.0120+0.8864i	-0.4658-0.2095i	1.0164+0.1354i	1.3232+0.4064i	1.9551+0.0758i	0.4719+0.4334i
0.2	-0.0564+0.0026i	-0.0181+0.2063i	0.0221+0.0642i	0.1050+0.0081i	0.0633+0.0515i	0.1225-0.2180i	0.0536+0.0755i
0.3	0.0241+0.0390i	0.0295+0.0526i	-0.0260+0.0160i	-0.0271-0.0066i	-0.0409-0.0782i	0.0802+0.0206i	-0.0419+0.0804i
0.4	-0.0137-0.0099i	0.0020-0.0122i	-0.0284+0.0088i	-0.0105-0.0255i	0.0069-0.0199i	0.0016-0.0193i	-0.0260+0.0501i
0.5	-0.0045-0.0141i	-0.0123-0.0101i	-0.0087+0.0004i	-0.0042-0.0092i	-0.0151-0.0068i	-0.0093+0.0100i	-0.0011+0.0163i
0.6	-0.0018-0.0069i	-0.0037-0.0097i	0.0026-0.0042i	-0.0037-0.0045i	-0.0001+0.0015i	-0.0086+0.0065i	0.0023-0.0057i
0.7	-0.0019+0.0019i	0.0017-0.0010i	0.0019-0.0011i	-0.0012-0.0046i	0.0002+0.0020i	-0.0104-0.0046i	-0.0006-0.0074i
0.8	0.0000-0.0027i	0.0015+0.0031i	0.0006-0.0070i	-0.0036-0.0003i	0.0011+0.0003i	-0.0023-0.0068i	-0.0015-0.0017i
0.9	-0.0008-0.0048i	0.0028-0.0010i	-0.0030-0.0046i	-0.0032+0.0018i	0.0003+0.0016i	-0.0062+0.0020i	0.0007-0.0018i
1.0	-0.0026-0.0002i	0.0027+0.0007i	-0.0045+0.0017i	-0.0032+0.0003i	0.0002-0.0005i	-0.0070+0.0047i	-0.0005+0.0004i
1.1	-0.0028+0.0000i	0.0003+0.0027i	-0.0098+0.0001i	-0.0049-0.0017i	0.0007-0.0005i	-0.0065+0.0018i	-0.0021+0.0008i
1.2	-0.0033-0.0013i	-0.0006-0.0002i	-0.0100-0.0012i	-0.0040-0.0025i	0.0009+0.0003i	-0.0101-0.0038i	-0.0016+0.0011i
1.3	-0.0041+0.0003i	0.0021-0.0015i	-0.0101-0.0006i	-0.0044-0.0015i	0.0004+0.0001i	-0.0116-0.0031i	-0.0024+0.0007i
1.4	-0.0051+0.0011i	-0.0006-0.0014i	-0.0124-0.0020i	-0.0075-0.0012i	-0.0007+0.0009i	-0.0113-0.0030i	-0.0042+0.0000i
1.5	-0.0084+0.0012i	-0.0045+0.0009i	-0.0164-0.0040i	-0.0094-0.0018i	-0.0018+0.0010i	-0.0139+0.0004i	-0.0059-0.0007i
1.6	-0.0096-0.0000i	-0.0044+0.0007i	-0.0179-0.0031i	-0.0103-0.0027i	-0.0017+0.0013i	-0.0163+0.0006i	-0.0075-0.0009i
1.7	-0.0102-0.0008i	-0.0050-0.0023i	-0.0170-0.0028i	-0.0123-0.0027i	-0.0036-0.0004i	-0.0148-0.0026i	-0.0108-0.0027i
1.8	-0.0162-0.0004i	-0.0111+0.0036i	-0.0220-0.0035i	-0.0141-0.0027i	-0.0116+0.0022i	-0.0154-0.0042i	-0.0138+0.0037i
1.9	-0.0220-0.0012i	-0.0079+0.0172i	-0.0244-0.0028i	-0.0223-0.0023i	-0.0085+0.0162i	-0.0234+0.0018i	-0.0119+0.0146i
2.0	-0.0251-0.0015i	-0.0008+0.0235i	-0.0274-0.0029i	-0.0279-0.0038i	-0.0020+0.0236i	-0.0279-0.0006i	-0.0068+0.0185i
2.1	-0.0388-0.0028i	0.0260+0.0164i	-0.0326-0.0022i	-0.0436-0.0052i	0.0252+0.0168i	-0.0351-0.0035i	0.0129+0.0133i
2.2	-0.0557+0.0028i	0.0286-0.0049i	-0.0374-0.0011i	-0.0602+0.0022i	0.0285-0.0049i	-0.0382-0.0046i	0.0130-0.0026i
2.3	-0.1117+0.0358i	-0.0045-0.0046i	-0.0484+0.0008i	-0.1130+0.0338i	-0.0011-0.0063i	-0.0510-0.0004i	-0.0152-0.0038i
2.4	0.0122+0.1996i	0.0077+0.0170i	-0.0362+0.0202i	0.0112+0.1974i	0.0077+0.0106i	-0.0350+0.0184i	0.0007+0.0212i
2.5	0.1502+0.1550i	0.0248+0.0119i	-0.0229+0.0174i	0.1467+0.1532i	0.0190+0.0054i	-0.0230+0.0166i	0.0174+0.0150i
2.6	0.0884+0.0292i	0.0154-0.0003i	-0.0336+0.0014i	0.0856+0.0267i	0.0113-0.0035i	-0.0376+0.0039i	0.0061-0.0006i
2.7	0.0644+0.0109i	0.0109-0.0011i	-0.0408-0.0026i	0.0620+0.0097i	0.0083-0.0043i	-0.0431+0.0006i	0.0002-0.0029i
2.8	0.0457+0.0079i	0.0086-0.0028i	-0.0480-0.0028i	0.0439+0.0059i	0.0066-0.0043i	-0.0475+0.0011i	-0.0018-0.0011i
2.9	0.0361+0.0067i	0.0086-0.0027i	-0.0534-0.0032i	0.0339+0.0059i	0.0076-0.0032i	-0.0564-0.0024i	-0.0022-0.0003i
3.0	0.0313+0.0068i	0.0122-0.0020i	-0.0585-0.0044i	0.0291+0.0043i	0.0091-0.0038i	-0.0608-0.0065i	-0.0031+0.0007i
3.1	0.0261+0.0083i	0.0088-0.0046i	-0.0663-0.0041i	0.0245+0.0060i	0.0043-0.0060i	-0.0652-0.0058i	-0.0062-0.0025i
3.2	0.0261+0.0117i	0.0054-0.0050i	-0.0721-0.0032i	0.0236+0.0101i	0.0031-0.0034i	-0.0697-0.0022i	-0.0075-0.0047i
3.3	0.0294+0.0080i	0.0059-0.0040i	-0.0786-0.0048i	0.0278+0.0076i	0.0045-0.0043i	-0.0707-0.0067i	-0.0087-0.0038i
3.4	0.0268+0.0033i	0.0041-0.0030i	-0.0823-0.0027i	0.0283+0.0055i	0.0029-0.0034i	-0.0813-0.0154i	-0.0131-0.0038i
3.5	0.0240+0.0068i	0.0016-0.0008i	-0.0877-0.0024i	0.0280+0.0083i	0.0010-0.0005i	-0.0908-0.0101i	-0.0169-0.0022i
3.6	0.0268+0.0095i	0.0107+0.0051i	-0.1024+0.0034i	0.0301+0.0017i	0.0102+0.0017i	-0.1010+0.0159i	-0.0120+0.0033i
3.7	0.0248-0.0025i	0.0108+0.0010i	-0.1058+0.0054i	0.0243-0.0041i	0.0109-0.0013i	-0.1130-0.0042i	-0.0132-0.0011i
3.8	0.0213+0.0002i	0.0114+0.0013i	-0.1134+0.0003i	0.0211-0.0013i	0.0118+0.0008i	-0.1239-0.0041i	-0.0112+0.0002i
3.9	0.0206-0.0003i	0.0109-0.0015i	-0.1217-0.0020i	0.0200-0.0008i	0.0097-0.0018i	-0.1297-0.0039i	-0.0131-0.0035i
4.0	0.0201-0.0003i	0.0090-0.0011i	-0.1279-0.0023i	0.0201-0.0010i	0.0077-0.0018i	-0.1354-0.0039i	-0.0164-0.0031i
4.1	0.0191-0.0003i	0.0075+0.0008i	-0.1360-0.0038i	0.0195-0.0007i	0.0061-0.0004i	-0.1434-0.0063i	-0.0192-0.0009i
4.2	0.0191+0.0003i	0.0065+0.0020i	-0.1474-0.0041i	0.0187-0.0002i	0.0061+0.0015i	-0.1559-0.0049i	-0.0205+0.0016i
4.3	0.0200-0.0003i	0.0049+0.0045i	-0.1609-0.0041i	0.0199-0.0005i	0.0050+0.0034i	-0.1690-0.0031i	-0.0224+0.0028i
4.4	0.0192-0.0014i	0.0051+0.0093i	-0.1745-0.0057i	0.0202-0.0004i	0.0070+0.0066i	-0.1837-0.0030i	-0.0227+0.0053i
4.5	0.0169-0.0007i	0.0062+0.0122i	-0.1891-0.0075i	0.0183-0.0018i	0.0072+0.0104i	-0.1972-0.0063i	-0.0244+0.0081i
4.6	0.0150-0.0011i	0.0070+0.0192i	-0.2060-0.0074i	0.0156-0.0028i	0.0046+0.0186i	-0.2079-0.0065i	-0.0294+0.0135i
4.7	0.0163+0.0027i	0.0206+0.0323i	-0.2262-0.0037i	0.0155+0.0026i	0.0154+0.0285i	-0.2276-0.0030i	-0.0208+0.0278i
4.8	0.0304+0.0016i	0.0621+0.0231i	-0.2308+0.0031i	0.0296+0.0014i	0.0594+0.0189i	-0.2356+0.0040i	0.0224+0.0162i
4.9	0.0287-0.0070i	0.0588-0.0087i	-0.2403-0.0081i	0.0287-0.0086i	0.0586-0.0109i	-0.2464-0.0032i	0.0201-0.0136i
5.0	0.0131-0.0002i	0.0171-0.0192i	-0.2946-0.0153i	0.0175-0.0004i	0.0171-0.0226i	-0.2997-0.0112i	-0.0264-0.0220i
5.1	0.0206+0.0019i	0.0175-0.0079i	-0.3145-0.0151i	0.0245+0.0025i	0.0147-0.0166i	-0.3154-0.0050i	-0.0284-0.0156i
5.2	0.0275-0.0097i	0.0217-0.0071i	-0.3332-0.0195i	0.0307-0.0091i	0.0115-0.0181i	-0.3246-0.0059i	-0.0309-0.0188i
5.3	0.0162-0.0322i	0.0233-0.0199i	-0.3816-0.0202i	0.0174-0.0357i	0.0010-0.0176i	-0.3548-0.0276i	-0.0441-0.0235i
5.4	-0.0255-0.0046i	0.0060-0.0179i	-0.4349+0.0150i	-0.0288-0.0063i	0.0017+0.0038i	-0.4397-0.0243i	-0.0480-0.0052i
5.5	-0.0076+0.0198i	-0.0003+0.0043i	-0.4638+0.0280i	-0.0045+0.0194i	0.0089+0.0089i	-0.4850+0.0174i	-0.0497+0.0037i
5.6	-0.0031+0.0198i	0.0020+0.0166i	-0.5021+0.0297i	0.0023+0.0195i	0.0078+0.0173i	-0.5148+0.0222i	-0.0535+0.0157i

5.7	-0.0028+0.0220i	0.0147+0.0258i	-0.5448+0.0316i	0.0029+0.0227i	0.0195+0.0243i	-0.5572+0.0275i	-0.0444+0.0224i
5.8	0.0027+0.0297i	0.0292+0.0215i	-0.5947+0.0553i	0.0101+0.0305i	0.0304+0.0184i	-0.6026+0.0531i	-0.0354+0.0178i
5.9	0.0107+0.0328i	0.0393+0.0154i	-0.6423+0.0603i	0.0185+0.0329i	0.0392+0.0114i	-0.6480+0.0579i	-0.0297+0.0112i
6.0	0.0173+0.0307i	0.0452+0.0037i	-0.7048+0.0606i	0.0254+0.0312i	0.0439-0.0019i	-0.7064+0.0595i	-0.0289-0.0014i
6.1	0.0193+0.0289i	0.0391-0.0048i	-0.7821+0.0760i	0.0282+0.0298i	0.0357-0.0096i	-0.7788+0.0737i	-0.0393-0.0075i
6.2	0.0202+0.0315i	0.0310-0.0063i	-0.9106+0.1077i	0.0319+0.0336i	0.0251-0.0092i	-0.9034+0.1005i	-0.0543-0.0061i
6.3	0.0216+0.0331i	0.0283-0.0028i	-1.0190+0.1404i	0.0357+0.0359i	0.0219-0.0048i	-1.0105+0.1289i	-0.0602-0.0008i
6.4	0.0219+0.0351i	0.0270-0.0001i	-1.1506+0.1839i	0.0394+0.0384i	0.0201-0.0012i	-1.1390+0.1704i	-0.0657+0.0037i
6.5	0.0231+0.0376i	0.0277+0.0029i	-1.3305+0.2338i	0.0459+0.0412i	0.0201+0.0019i	-1.3137+0.2164i	-0.0702+0.0079i
6.6	0.0273+0.0474i	0.0303+0.0092i	-1.5914+0.3389i	0.0579+0.0497i	0.0220+0.0082i	-1.5677+0.3150i	-0.0732+0.0188i
6.7	0.0348+0.0590i	0.0354+0.0120i	-1.8482+0.4729i	0.0717+0.0590i	0.0266+0.0113i	-1.8186+0.4441i	-0.0710+0.0264i
6.8	0.0462+0.0694i	0.0438+0.0119i	-2.3958+0.7525i	0.0971+0.0618i	0.0313+0.0131i	-2.3478+0.7127i	-0.0693+0.0284i
6.9	0.0643+0.0783i	0.0496+0.0053i	-2.9530+1.1980i	0.1297+0.0605i	0.0338+0.0083i	-2.8859+1.1382i	-0.0696+0.0266i
7.0	0.1153+0.0891i	0.0434-0.0046i	-3.4901+2.7254i	0.1966+0.0382i	0.0268+0.0048i	-3.4130+2.6048i	-0.0766+0.0357i
7.1	0.1706+0.0684i	0.0297-0.0016i	-3.2755+4.5799i	0.2518-0.0276i	0.0144+0.0160i	-3.2183+4.3926i	-0.0820+0.0543i
7.2	0.1943-0.0487i	0.0474+0.0334i	-0.3730+6.1390i	0.2105-0.1928i	0.0452+0.0561i	-0.4315+5.9072i	-0.0363+0.0821i
7.3	0.1507-0.1175i	0.0839+0.0170i	1.9986+5.8076i	0.1057-0.2582i	0.0910+0.0372i	1.8562+5.5948i	0.0093+0.0511i
7.4	0.0936-0.1312i	0.0671-0.0306i	3.6174+4.2636i	0.0067-0.2334i	0.0793-0.0170i	3.4136+4.1075i	-0.0036-0.0108i
7.5	0.0574-0.1163i	0.0416-0.0232i	3.6941+2.4610i	-0.0343-0.1754i	0.0537-0.0165i	3.4848+2.3750i	-0.0377-0.0194i
7.6	0.0322-0.0997i	0.0427-0.0065i	3.0375+1.4281i	-0.0457-0.1337i	0.0520-0.0043i	2.8552+1.3816i	-0.0541-0.0121i
7.7	0.0313-0.0877i	0.0467-0.0046i	2.4848+1.0991i	-0.0343-0.1123i	0.0541-0.0039i	2.3218+1.0653i	-0.0614-0.0101i
7.8	0.0264-0.0858i	0.0458-0.0057i	2.2076+1.0053i	-0.0328-0.1071i	0.0513-0.0060i	2.0527+0.9756i	-0.0706-0.0080i
7.9	0.0213-0.0846i	0.0419-0.0035i	2.1802+0.9038i	-0.0389-0.1023i	0.0475-0.0040i	2.0225+0.8794i	-0.0761-0.0057i
8.0	0.0092-0.0784i	0.0489+0.0032i	2.0745+0.6757i	-0.0494-0.0901i	0.0527+0.0027i	1.9199+0.6604i	-0.0776-0.0011i
8.1	-0.0034-0.0804i	0.0527+0.0022i	1.9610+0.5508i	-0.0577-0.0887i	0.0563+0.0023i	1.8096+0.5407i	-0.0816-0.0039i
8.2	-0.0129-0.0804i	0.0528+0.0024i	1.9172+0.4201i	-0.0666-0.0842i	0.0558+0.0028i	1.7639+0.4145i	-0.0867-0.0065i
8.3	-0.0230-0.0724i	0.0538+0.0046i	1.8321+0.2913i	-0.0743-0.0725i	0.0560+0.0045i	1.6773+0.2889i	-0.0934-0.0073i
8.4	-0.0298-0.0634i	0.0560+0.0066i	1.7447+0.2283i	-0.0785-0.0626i	0.0579+0.0055i	1.5904+0.2304i	-0.0996-0.0062i
8.5	-0.0370-0.0550i	0.0582+0.0082i	1.6826+0.1635i	-0.0850-0.0532i	0.0598+0.0079i	1.5270+0.1688i	-0.1057-0.0049i
8.6	-0.0396-0.0481i	0.0613+0.0093i	1.6524+0.1019i	-0.0882-0.0446i	0.0628+0.0089i	1.4922+0.1100i	-0.1101-0.0042i
8.7	-0.0465-0.0396i	0.0654+0.0112i	1.6445+0.0323i	-0.0975-0.0346i	0.0676+0.0103i	1.4771+0.0440i	-0.1129-0.0034i
8.8	-0.0540-0.0318i	0.0682+0.0113i	1.6631-0.0506i	-0.1070-0.0237i	0.0712+0.0112i	1.4868-0.0343i	-0.1152-0.0049i
8.9	-0.0553-0.0229i	0.0673+0.0122i	1.6630-0.1710i	-0.1108-0.0085i	0.0721+0.0110i	1.4778-0.1434i	-0.1202-0.0087i
9.0	-0.0581-0.0128i	0.0693+0.0180i	1.6324-0.3124i	-0.1136+0.0082i	0.0738+0.0141i	1.4448-0.2715i	-0.1270-0.0110i
9.1	-0.0527-0.0003i	0.0759+0.0233i	1.5366-0.4491i	-0.1062+0.0273i	0.0787+0.0174i	1.3493-0.3954i	-0.1300-0.0128i
9.2	-0.0608+0.0031i	0.0786+0.0270i	1.6129-0.5703i	-0.1189+0.0376i	0.0822+0.0194i	1.4088-0.5048i	-0.1265-0.0183i
9.3	-0.0741+0.0325i	0.0880+0.0335i	1.5215-1.0233i	-0.1254+0.0884i	0.0912+0.0230i	1.3139-0.9088i	-0.1316-0.0427i
9.4	-0.0551+0.0708i	0.1033+0.0355i	1.0352-1.3309i	-0.0809+0.1372i	0.1003+0.0223i	0.8697-1.1794i	-0.1587-0.0645i
9.5	-0.0081+0.0871i	0.1193+0.0311i	0.3532-1.2420i	-0.0036+0.1459i	0.1103+0.0172i	0.2528-1.0926i	-0.2057-0.0714i
9.6	0.0194+0.0691i	0.1217+0.0225i	0.1426-0.8754i	0.0294+0.1108i	0.1116+0.0127i	0.0644-0.7622i	-0.2318-0.0513i
9.7	0.0331+0.0541i	0.1240+0.0187i	0.0807-0.5723i	0.0404+0.0823i	0.1115+0.0117i	0.0042-0.4902i	-0.2535-0.0309i
9.8	0.0352+0.0390i	0.1285+0.0150i	0.1291-0.3826i	0.0387+0.0601i	0.1151+0.0102i	0.0410-0.3168i	-0.2631-0.0146i
9.9	0.0347+0.0272i	0.1309+0.0123i	0.1827-0.2470i	0.0346+0.0427i	0.1189+0.0092i	0.0844-0.1944i	-0.2708-0.0015i
10.0	0.0341+0.0201i	0.1346+0.0114i	0.2183-0.1776i	0.0315+0.0353i	0.1232+0.0094i	0.1112-0.1302i	-0.2755+0.0100i
10.1	0.0327+0.0173i	0.1390+0.0098i	0.2602-0.1207i	0.0276+0.0317i	0.1278+0.0083i	0.1422-0.0777i	-0.2830+0.0210i
10.2	0.0328+0.0151i	0.1423+0.0095i	0.2856-0.0866i	0.0255+0.0302i	0.1309+0.0087i	0.1604-0.0409i	-0.2888+0.0305i
10.3	0.0324+0.0134i	0.1451+0.0089i	0.3083-0.0591i	0.0264+0.0277i	0.1346+0.0085i	0.1785-0.0087i	-0.2906+0.0366i
10.4	0.0345+0.0114i	0.1502+0.0113i	0.3341-0.0284i	0.0282+0.0252i	0.1402+0.0116i	0.2045+0.0146i	-0.2937+0.0354i
10.5	0.0378+0.0084i	0.1567+0.0133i	0.3559-0.0111i	0.0297+0.0224i	0.1466+0.0142i	0.2201+0.0246i	-0.3031+0.0325i
10.6	0.0400+0.0066i	0.1657+0.0140i	0.3749-0.0008i	0.0303+0.0200i	0.1544+0.0153i	0.2291+0.0317i	-0.3189+0.0355i
10.7	0.0391+0.0033i	0.1746+0.0135i	0.3904+0.0015i	0.0298+0.0163i	0.1638+0.0157i	0.2352+0.0351i	-0.3294+0.0400i
10.8	0.0388+0.0014i	0.1825+0.0126i	0.4052+0.0035i	0.0275+0.0136i	0.1727+0.0157i	0.2400+0.0391i	-0.3402+0.0454i
10.9	0.0386-0.0014i	0.1928+0.0107i	0.4129+0.0092i	0.0253+0.0119i	0.1822+0.0141i	0.2396+0.0432i	-0.3514+0.0480i
11.0	0.0376-0.0019i	0.2043+0.0074i	0.4208+0.0108i	0.0253+0.0105i	0.1918+0.0110i	0.2393+0.0446i	-0.3649+0.0480i
11.1	0.0376-0.0025i	0.2112+0.0048i	0.4252+0.0120i	0.0250+0.0096i	0.1992+0.0091i	0.2380+0.0472i	-0.3759+0.0486i
11.2	0.0363-0.0043i	0.2208+0.0014i	0.4306+0.0149i	0.0242+0.0086i	0.2086+0.0065i	0.2357+0.0496i	-0.3870+0.0491i
11.3	0.0349-0.0054i	0.2325-0.0015i	0.4384+0.0210i	0.0221+0.0083i	0.2198+0.0027i	0.2303+0.0527i	-0.4097+0.0475i
11.4	0.0353-0.0055i	0.2406-0.0039i	0.4434+0.0210i	0.0217+0.0085i	0.2287-0.0005i	0.2267+0.0534i	-0.4263+0.0510i
11.5	0.0353-0.0061i	0.2470-0.0072i	0.4483+0.0209i	0.0214+0.0083i	0.2362-0.0027i	0.2216+0.0544i	-0.4471+0.0534i
11.6	0.0352-0.0064i	0.2579-0.0099i	0.4540+0.0228i	0.0201+0.0082i	0.2457-0.0049i	0.2152+0.0556i	-0.4683+0.0515i
11.7	0.0383-0.0076i	0.2692-0.0104i	0.4609+0.0249i	0.0198+0.0074i	0.2562-0.0058i	0.2082+0.0593i	-0.4910+0.0528i
11.8	0.0392-0.0085i	0.2807-0.0120i	0.4663+0.0262i	0.0188+0.0064i	0.2668-0.0095i	0.2015+0.0613i	-0.5189+0.0565i
11.9	0.0406-0.0093i	0.2959-0.0166i	0.4709+0.0291i	0.0176+0.0087i	0.2804-0.0130i	0.1892+0.0656i	-0.5509+0.0626i

12.0	0.0423-0.0102i	0.3132-0.0217i	0.4763+0.0312i	0.0165+0.0095i	0.2962-0.0164i	0.1810+0.0683i	-0.5820+0.0632i
12.1	0.0447-0.0119i	0.3323-0.0271i	0.4838+0.0381i	0.0150+0.0098i	0.3156-0.0215i	0.1700+0.0741i	-0.6230+0.0658i
12.2	0.0482-0.0137i	0.3485-0.0372i	0.4907+0.0418i	0.0139+0.0112i	0.3310-0.0311i	0.1585+0.0804i	-0.6613+0.0759i
12.3	0.0521-0.0182i	0.3672-0.0501i	0.5006+0.0458i	0.0146+0.0137i	0.3477-0.0431i	0.1481+0.0889i	-0.7029+0.0914i
12.4	0.0541-0.0247i	0.3874-0.0668i	0.5132+0.0512i	0.0135+0.0175i	0.3653-0.0571i	0.1388+0.0984i	-0.7498+0.1101i
12.5	0.0574-0.0325i	0.4049-0.0885i	0.5285+0.0539i	0.0120+0.0213i	0.3789-0.0757i	0.1321+0.1090i	-0.7934+0.1383i
12.6	0.0578-0.0414i	0.4130-0.1106i	0.5421+0.0527i	0.0142+0.0241i	0.3861-0.0943i	0.1256+0.1140i	-0.8279+0.1666i
12.7	0.0521-0.0536i	0.4159-0.1401i	0.5627+0.0510i	0.0188+0.0289i	0.3889-0.1185i	0.1184+0.1247i	-0.8649+0.2098i
12.8	0.0441-0.0658i	0.4137-0.1652i	0.5778+0.0452i	0.0230+0.0340i	0.3879-0.1391i	0.1097+0.1261i	-0.8906+0.2440i
12.9	0.0315-0.0706i	0.4044-0.1779i	0.5957+0.0383i	0.0318+0.0354i	0.3813-0.1481i	0.1025+0.1367i	-0.9108+0.2785i
13.0	0.0127-0.0702i	0.3857-0.1769i	0.6128+0.0300i	0.0395+0.0334i	0.3687-0.1457i	0.0980+0.1408i	-0.9200+0.2926i
13.1	0.0024-0.0661i	0.3778-0.1706i	0.6273+0.0272i	0.0438+0.0285i	0.3647-0.1399i	0.0929+0.1471i	-0.9356+0.2987i
13.2	-0.0080-0.0606i	0.3780-0.1520i	0.6466+0.0318i	0.0474+0.0221i	0.3690-0.1205i	0.0839+0.1558i	-0.9705+0.2862i
13.3	-0.0161-0.0515i	0.3989-0.1265i	0.6756+0.0358i	0.0455+0.0153i	0.3930-0.0971i	0.0732+0.1642i	-1.0350+0.2707i
13.4	-0.0212-0.0412i	0.4224-0.1139i	0.7012+0.0332i	0.0436+0.0122i	0.4157-0.0861i	0.0655+0.1732i	-1.0937+0.2690i
13.5	-0.0219-0.0347i	0.4535-0.1081i	0.7355+0.0274i	0.0420+0.0094i	0.4481-0.0811i	0.0676+0.1834i	-1.1622+0.2769i
13.6	-0.0180-0.0267i	0.4988-0.1001i	0.7831+0.0067i	0.0401+0.0082i	0.4949-0.0753i	0.0653+0.1802i	-1.2626+0.2912i
13.7	-0.0146-0.0209i	0.5485-0.0956i	0.8239-0.0108i	0.0394+0.0099i	0.5432-0.0748i	0.0507+0.1720i	-1.3711+0.2992i
13.8	-0.0099-0.0162i	0.6014-0.1038i	0.8594-0.0391i	0.0395+0.0107i	0.5952-0.0851i	0.0287+0.1664i	-1.4816+0.3304i
13.9	-0.0083-0.0148i	0.6451-0.1185i	0.8938-0.0646i	0.0401+0.0113i	0.6375-0.0998i	0.0090+0.1630i	-1.5866+0.3630i
14.0	-0.0064-0.0122i	0.7049-0.1373i	0.9352-0.1000i	0.0407+0.0132i	0.6931-0.1211i	-0.0274+0.1583i	-1.7320+0.4091i
14.1	-0.0038-0.0062i	0.7584-0.1638i	0.9759-0.1386i	0.0414+0.0155i	0.7433-0.1453i	-0.0614+0.1716i	-1.8754+0.4787i
14.2	0.0010-0.0067i	0.8158-0.1967i	1.0155-0.1852i	0.0421+0.0132i	0.7978-0.1788i	-0.0982+0.1840i	-2.0245+0.5708i
14.3	0.0022-0.0120i	0.8891-0.2296i	1.0624-0.2408i	0.0420+0.0087i	0.8664-0.2130i	-0.1483+0.1902i	-2.2099+0.6643i
14.4	0.0030-0.0108i	0.9760-0.2697i	1.1313-0.3098i	0.0415+0.0095i	0.9497-0.2518i	-0.1995+0.2033i	-2.4417+0.7833i
14.5	0.0037-0.0108i	1.0639-0.3238i	1.1910-0.3899i	0.0411+0.0085i	1.0324-0.3058i	-0.2506+0.2295i	-2.6616+0.9449i
14.6	0.0014-0.0128i	1.1426-0.4009i	1.2318-0.4960i	0.0384+0.0064i	1.1060-0.3769i	-0.2997+0.2590i	-2.8526+1.1487i
14.7	0.0005-0.0109i	1.2320-0.5489i	1.2297-0.7034i	0.0295+0.0072i	1.1905-0.5152i	-0.3658+0.3117i	-3.0482+1.5478i
14.8	-0.0041-0.0038i	1.2639-0.6670i	1.1402-0.8252i	0.0169+0.0189i	1.2210-0.6286i	-0.4038+0.3589i	-3.0679+1.8317i
14.9	-0.0089+0.0118i	1.2867-0.7582i	1.0115-0.8252i	0.0101+0.0448i	1.2435-0.7175i	-0.4754+0.4096i	-3.1160+1.9901i
15.0	-0.0046+0.0344i	1.3309-0.7972i	0.9798-0.7406i	0.0166+0.0837i	1.2822-0.7540i	-0.5593+0.4483i	-3.2896+2.0231i
15.1	0.0175+0.0502i	1.4321-0.8593i	1.0676-0.6970i	0.0539+0.1173i	1.3785-0.8140i	-0.6614+0.5049i	-3.6327+2.1586i
15.2	0.0569+0.0460i	1.5501-0.9793i	1.2295-0.7334i	0.1193+0.1050i	1.4912-0.9275i	-0.7807+0.6434i	-4.0900+2.5358i
15.3	0.0935+0.0305i	1.7660-1.1189i	1.4464-0.8289i	0.1738+0.0756i	1.6936-1.0604i	-0.9484+0.8062i	-4.7745+2.9975i
15.4	0.1183+0.0092i	2.0671-1.3784i	1.7118-1.0619i	0.2053+0.0343i	1.9763-1.3071i	-1.1313+1.0563i	-5.6229+3.8488i
15.5	0.1368-0.0234i	2.3294-1.8907i	1.9286-1.5011i	0.2167-0.0155i	2.2229-1.7940i	-1.2500+1.4868i	-6.3006+5.4160i
15.6	0.1684-0.0744i	2.5765-2.8982i	2.1420-2.3268i	0.2404-0.0866i	2.4507-2.7489i	-1.2934+2.2563i	-6.8774+8.3477i
15.7	0.1859-0.1231i	2.4809-3.8636i	2.0598-3.1290i	0.2397-0.1403i	2.3562-3.6591i	-1.1011+2.9352i	-6.4808+11.1048i
15.8	0.1440-0.2289i	1.0447-5.1414i	0.8451-4.1920i	0.1653-0.2348i	0.9940-4.8537i	0.1069+3.6700i	-2.1559+14.5949i
15.9	0.0492-0.3044i	-0.7831-5.3291i	-0.7209-4.3724i	0.0635-0.2835i	-0.7297-5.0231i	1.4527+3.5171i	3.1630+14.8747i
16.0	-0.0563-0.3034i	-1.9902-4.4326i	-1.7930-3.6163i	-0.0272-0.2571i	-1.8629-4.1724i	2.1509+2.6931i	6.5254+12.1114i
16.1	-0.1286-0.2674i	-2.5309-3.4643i	-2.2888-2.7811i	-0.0811-0.2134i	-2.3671-3.2574i	2.3631+1.9289i	7.9212+9.2409i
16.2	-0.1614-0.2306i	-2.5763-2.8252i	-2.3518-2.2140i	-0.1008-0.1807i	-2.4066-2.6560i	2.2837+1.4744i	7.9510+7.3826i
16.3	-0.1989-0.1891i	-2.4096-2.1817i	-2.2554-1.6175i	-0.1197-0.1454i	-2.2445-2.0481i	2.0438+1.0427i	7.3517+5.5346i
16.4	-0.2343-0.1619i	-2.2529-1.7780i	-2.1736-1.2488i	-0.1444-0.1291i	-2.0947-1.6703i	1.8346+0.7899i	6.8147+4.4218i
16.5	-0.2855-0.1362i	-2.1043-1.4822i	-2.1290-0.9726i	-0.1905-0.1143i	-1.9487-1.3968i	1.6405+0.6029i	6.3469+3.6359i
16.6	-0.3315-0.0819i	-1.9574-1.3597i	-2.0717-0.7713i	-0.2370-0.0705i	-1.8094-1.2846i	1.4563+0.5746i	5.9298+3.3185i
16.7	-0.3573+0.0071i	-1.8306-1.2904i	-2.0251-0.5353i	-0.2670+0.0081i	-1.6927-1.2236i	1.3069+0.6197i	5.6211+3.1115i
16.8	-0.3598+0.1394i	-1.8311-1.2553i	-1.9373-0.2062i	-0.2795+0.1375i	-1.6968-1.1942i	1.2289+0.7378i	5.5667+2.9012i
16.9	-0.2951+0.2460i	-1.8675-1.1021i	-1.7866+0.0132i	-0.2209+0.2432i	-1.7364-1.0482i	1.3259+0.7920i	5.6346+2.5177i
17.0	-0.2026+0.3106i	-1.7898-1.0069i	-1.6158+0.1584i	-0.1293+0.3065i	-1.6661-0.9564i	1.3920+0.7630i	5.4624+2.2131i
17.1	-0.1025+0.3681i	-1.7773-0.9638i	-1.4449+0.2948i	-0.0260+0.3660i	-1.6543-0.9135i	1.4045+0.7533i	5.4074+2.0302i
17.2	0.0549+0.3370i	-1.7764-0.8305i	-1.2422+0.3225i	0.1282+0.3370i	-1.6550-0.7839i	1.5549+0.7256i	5.4081+1.6751i
17.3	0.1332+0.2157i	-1.6982-0.7359i	-1.1074+0.2770i	0.2064+0.2156i	-1.5807-0.6896i	1.6527+0.5357i	5.1982+1.3238i
17.4	0.1110+0.1426i	-1.6477-0.7079i	-1.0709+0.2945i	0.1860+0.1439i	-1.5279-0.6612i	1.6040+0.3819i	4.9833+1.1238i
17.5	0.1184+0.1337i	-1.6563-0.6729i	-0.9893+0.3349i	0.1945+0.1336i	-1.5332-0.6269i	1.5858+0.3393i	4.8999+1.0160i
17.6	0.1424+0.0855i	-1.6264-0.5898i	-0.8920+0.3025i	0.2210+0.0811i	-1.5037-0.5462i	1.5918+0.2258i	4.7903+0.8191i
17.7	0.1223+0.0439i	-1.5764-0.5621i	-0.8680+0.2945i	0.2023+0.0382i	-1.4547-0.5211i	1.5433+0.1356i	4.6433+0.6930i
17.8	0.0927+0.0104i	-1.5502-0.5488i	-0.8188+0.3156i	0.1738+0.0039i	-1.4269-0.5072i	1.4819+0.0411i	4.4915+0.5778i
17.9	0.0815-0.0037i	-1.5435-0.5308i	-0.7670+0.3248i	0.1637-0.0115i	-1.4190-0.4893i	1.4355-0.0208i	4.4045+0.4934i
18.0	0.0653-0.0203i	-1.5444-0.5006i	-0.7304+0.2983i	0.1482-0.0271i	-1.4179-0.4621i	1.3738-0.0871i	4.3302+0.4155i
18.1	0.0399-0.0316i	-1.5430-0.4658i	-0.7108+0.2694i	0.1237-0.0391i	-1.4117-0.4280i	1.2956-0.1537i	4.2450+0.3268i
18.2	0.0072-0.0360i	-1.5248-0.4395i	-0.7294+0.2562i	0.0923-0.0456i	-1.3903-0.4017i	1.1930-0.2105i	4.1537+0.2353i

18.3	-0.0211-0.0292i	-1.5257-0.4154i	-0.7525+0.2563i	0.0655-0.0379i	-1.3851-0.3804i	1.0762-0.2223i	4.0696+0.1774i
18.4	-0.0542-0.0038i	-1.5190-0.3889i	-0.8163+0.2708i	0.0341-0.0113i	-1.3725-0.3592i	0.9613-0.1894i	4.0130+0.1334i
18.5	-0.0626+0.0549i	-1.5221-0.3778i	-0.8887+0.3914i	0.0296+0.0437i	-1.3733-0.3537i	0.8800-0.1073i	3.9950+0.0710i
18.6	0.0113+0.1184i	-1.5244-0.3545i	-0.8061+0.6485i	0.1088+0.0973i	-1.3780-0.3382i	0.9184+0.0327i	3.9759-0.0373i
18.7	0.0831+0.0574i	-1.5258-0.3364i	-0.5257+0.6794i	0.1740+0.0290i	-1.3814-0.3199i	1.0102-0.0176i	3.8671-0.1660i
18.8	0.0680+0.0046i	-1.5407-0.3300i	-0.4028+0.5759i	0.1545-0.0228i	-1.3896-0.3124i	0.9626-0.0850i	3.7422-0.2103i
18.9	0.0506-0.0118i	-1.5498-0.3219i	-0.3680+0.5248i	0.1360-0.0368i	-1.3951-0.3045i	0.9118-0.0898i	3.6741-0.2334i
19.0	0.0345-0.0226i	-1.5669-0.3027i	-0.3302+0.4646i	0.1201-0.0459i	-1.4102-0.2875i	0.8769-0.0678i	3.5995-0.2449i
19.1	0.0181-0.0291i	-1.5949-0.2825i	-0.3033+0.3998i	0.1070-0.0520i	-1.4335-0.2723i	0.8462-0.0352i	3.5489-0.2472i
19.2	0.0099-0.0352i	-1.6185-0.2727i	-0.3041+0.3628i	0.0998-0.0550i	-1.4535-0.2649i	0.8376-0.0213i	3.5325-0.2445i
19.3	-0.0038-0.0384i	-1.6590-0.2582i	-0.3094+0.3243i	0.0910-0.0590i	-1.4881-0.2541i	0.8331-0.0045i	3.5258-0.2766i
19.4	-0.0112-0.0396i	-1.7029-0.2491i	-0.3044+0.3073i	0.0850-0.0632i	-1.5275-0.2499i	0.8345+0.0020i	3.5119-0.3117i
19.5	-0.0250-0.0449i	-1.7615-0.2256i	-0.3074+0.2820i	0.0735-0.0679i	-1.5799-0.2323i	0.8415+0.0034i	3.4952-0.3578i
19.6	-0.0385-0.0440i	-1.8142-0.1921i	-0.3169+0.2547i	0.0629-0.0686i	-1.6280-0.2032i	0.8387-0.0002i	3.4787-0.3773i
19.7	-0.0532-0.0390i	-1.8767-0.1455i	-0.3334+0.2379i	0.0519-0.0659i	-1.6839-0.1619i	0.8326-0.0068i	3.4702-0.4062i
19.8	-0.0654-0.0347i	-1.9287-0.0943i	-0.3571+0.2205i	0.0426-0.0645i	-1.7333-0.1175i	0.8103-0.0149i	3.4500-0.4318i
19.9	-0.0804-0.0260i	-1.9923-0.0322i	-0.3872+0.2160i	0.0314-0.0600i	-1.7908-0.0618i	0.7842-0.0103i	3.4436-0.4633i
20.0	-0.0922-0.0174i	-2.0634+0.0387i	-0.4096+0.2253i	0.0210-0.0557i	-1.8577+0.0025i	0.7695+0.0022i	3.4593-0.4918i
20.1	-0.1037-0.0070i	-2.1382+0.1331i	-0.4304+0.2342i	0.0090-0.0465i	-1.9276+0.0884i	0.7559+0.0254i	3.4584-0.5104i
20.2	-0.1176+0.0085i	-2.2005+0.2333i	-0.4468+0.2567i	-0.0013-0.0352i	-1.9817+0.1765i	0.7511+0.0531i	3.4834-0.5530i
20.3	-0.1278+0.0214i	-2.2625+0.3437i	-0.4541+0.2701i	-0.0066-0.0252i	-2.0360+0.2772i	0.7550+0.0657i	3.5165-0.5921i
20.4	-0.1362+0.0380i	-2.3216+0.5151i	-0.4558+0.2866i	-0.0139-0.0120i	-2.0889+0.4334i	0.7673+0.0831i	3.5469-0.6595i
20.5	-0.1449+0.0601i	-2.3565+0.7093i	-0.4647+0.3009i	-0.0180+0.0021i	-2.1200+0.6092i	0.7757+0.0921i	3.5764-0.7645i
20.6	-0.1462+0.0834i	-2.3359+0.9590i	-0.4749+0.3147i	-0.0182+0.0172i	-2.1004+0.8332i	0.7880+0.0913i	3.5868-0.9019i
20.7	-0.1430+0.1015i	-2.2899+1.1372i	-0.4831+0.3353i	-0.0179+0.0316i	-2.0599+0.9919i	0.7971+0.1042i	3.5678-0.9992i
20.8	-0.1349+0.1201i	-2.1796+1.2986i	-0.4791+0.3574i	-0.0114+0.0462i	-1.9589+1.1375i	0.8076+0.1067i	3.5075-1.0821i
20.9	-0.1280+0.1298i	-2.0204+1.4180i	-0.4775+0.3649i	-0.0062+0.0539i	-1.8144+1.2435i	0.8012+0.0952i	3.4330-1.1468i
21.0	-0.1266+0.1421i	-1.8870+1.5390i	-0.4893+0.3857i	-0.0070+0.0656i	-1.6937+1.3520i	0.7901+0.1051i	3.3681-1.1931i
21.1	-0.1222+0.1547i	-1.7161+1.6183i	-0.4905+0.4096i	-0.0030+0.0804i	-1.5378+1.4240i	0.7868+0.1188i	3.2932-1.2135i
21.2	-0.1133+0.1689i	-1.5593+1.6288i	-0.4841+0.4318i	0.0056+0.0994i	-1.3965+1.4347i	0.7864+0.1431i	3.2235-1.1916i
21.3	-0.1060+0.1839i	-1.4638+1.6299i	-0.4719+0.4582i	0.0191+0.1161i	-1.3085+1.4361i	0.8102+0.1775i	3.2389-1.1607i
21.4	-0.0953+0.1936i	-1.3692+1.5868i	-0.4493+0.4721i	0.0359+0.1231i	-1.2206+1.3950i	0.8534+0.1929i	3.2648-1.1551i
21.5	-0.0917+0.2022i	-1.3010+1.5572i	-0.4441+0.4820i	0.0506+0.1282i	-1.1566+1.3681i	0.8847+0.1906i	3.3176-1.1611i
21.6	-0.0875+0.2096i	-1.2469+1.5636i	-0.4384+0.4979i	0.0681+0.1332i	-1.1038+1.3738i	0.9133+0.1888i	3.3796-1.1768i
21.7	-0.0769+0.2220i	-1.2189+1.5051i	-0.4236+0.5092i	0.0862+0.1377i	-1.0772+1.3193i	0.9463+0.1918i	3.4316-1.1933i
21.8	-0.0727+0.2342i	-1.2881+1.5009i	-0.4213+0.5189i	0.0965+0.1379i	-1.1370+1.3111i	0.9762+0.1831i	3.5400-1.2753i
21.9	-0.0647+0.2496i	-1.3340+1.5571i	-0.4139+0.5455i	0.1164+0.1398i	-1.1740+1.3559i	1.0116+0.1701i	3.6587-1.4112i
22.0	-0.0664+0.2616i	-1.3990+1.6344i	-0.4091+0.5549i	0.1296+0.1325i	-1.2296+1.4205i	1.0499+0.1350i	3.7920-1.5681i
22.1	-0.0646+0.2777i	-1.4635+1.7423i	-0.3953+0.5786i	0.1441+0.1257i	-1.2838+1.5109i	1.0855+0.1034i	3.8984-1.7707i
22.2	-0.0634+0.3009i	-1.5084+1.9180i	-0.3906+0.6063i	0.1516+0.1166i	-1.3223+1.6597i	1.1028+0.0591i	3.9823-2.0624i
22.3	-0.0648+0.3273i	-1.5761+2.1546i	-0.3858+0.6311i	0.1544+0.1082i	-1.3810+1.8623i	1.1202+0.0112i	4.0655-2.3881i
22.4	-0.0510+0.3720i	-1.5685+2.5028i	-0.3598+0.6732i	0.1587+0.1028i	-1.3762+2.1602i	1.1256-0.0442i	4.0293-2.8621i
22.5	-0.0235+0.4065i	-1.3627+2.8148i	-0.3173+0.7010i	0.1605+0.1001i	-1.1981+2.4312i	1.1030-0.0928i	3.7836-3.2518i
22.6	0.0319+0.4603i	-0.9775+3.3065i	-0.2450+0.7385i	0.1653+0.0997i	-0.8653+2.8579i	1.0714-0.1598i	3.3301-3.8370i
22.7	0.0944+0.4832i	-0.5394+3.5164i	-0.1788+0.7381i	0.1708+0.0994i	-0.4877+3.0387i	1.0286-0.1928i	2.8015-4.0971i
22.8	0.1614+0.4875i	0.0205+3.6050i	-0.1095+0.7126i	0.1757+0.1005i	-0.0010+3.1156i	0.9712-0.2067i	2.1712-4.1799i
22.9	0.2339+0.4700i	0.6372+3.4778i	-0.0435+0.6645i	0.1800+0.1085i	0.5329+3.0064i	0.9087-0.1902i	1.4755-4.0110i
23.0	0.2906+0.4538i	1.0778+3.2459i	-0.0066+0.6368i	0.1842+0.1236i	0.9128+2.8044i	0.8700-0.1509i	0.9751-3.7523i
23.1	0.3572+0.4024i	1.4535+2.8480i	0.0516+0.5573i	0.2160+0.1253i	1.2382+2.4607i	0.8717-0.1125i	0.5696-3.2682i
23.2	0.3919+0.3320i	1.6932+2.4209i	0.0582+0.4386i	0.2370+0.1115i	1.4473+2.0927i	0.8675-0.0947i	0.3656-2.7355i
23.3	0.3950+0.2823i	1.7388+2.0949i	0.0333+0.3768i	0.2418+0.0982i	1.4872+1.8117i	0.8679-0.0819i	0.3698-2.3800i
23.4	0.3982+0.2308i	1.7762+1.7392i	-0.0076+0.3109i	0.2511+0.0854i	1.5216+1.5026i	0.8740-0.0697i	0.3990-2.0015i
23.5	0.3888+0.1900i	1.7504+1.4491i	-0.0600+0.2608i	0.2568+0.0753i	1.5010+1.2515i	0.8855-0.0563i	0.5120-1.6939i
23.6	0.3762+0.1545i	1.6848+1.1816i	-0.1171+0.2317i	0.2642+0.0613i	1.4479+1.0205i	0.9009-0.0442i	0.6534-1.4477i
23.7	0.3597+0.1266i	1.6131+0.9717i	-0.1767+0.2120i	0.2682+0.0501i	1.3864+0.8376i	0.9130-0.0358i	0.8060-1.2603i
23.8	0.3425+0.1024i	1.5168+0.8046i	-0.2296+0.1950i	0.2667+0.0381i	1.3051+0.6910i	0.9276-0.0333i	0.9691-1.1263i
23.9	0.3312+0.0902i	1.4343+0.7033i	-0.2618+0.1901i	0.2659+0.0316i	1.2334+0.6018i	0.9391-0.0337i	1.0787-1.0603i
24.0	0.3093+0.0812i	1.3216+0.5876i	-0.3223+0.1952i	0.2602+0.0240i	1.1372+0.5012i	0.9548-0.0315i	1.2443-0.9890i
24.1	0.2921+0.0784i	1.2584+0.4811i	-0.3791+0.2003i	0.2547+0.0231i	1.0834+0.4060i	0.9658-0.0203i	1.3598-0.9181i
24.2	0.2823+0.0777i	1.1694+0.3940i	-0.4216+0.2176i	0.2558+0.0232i	1.0077+0.3262i	0.9841-0.0187i	1.4899-0.8903i
24.3	0.2710+0.0783i	1.0905+0.3578i	-0.4503+0.2327i	0.2561+0.0255i	0.9408+0.2953i	0.9986-0.0196i	1.5974-0.8863i
24.4	0.2646+0.0810i	1.0112+0.3133i	-0.4877+0.2537i	0.2592+0.0280i	0.8706+0.2547i	1.0207-0.0201i	1.7102-0.8798i
24.5	0.2634+0.0857i	0.9554+0.2518i	-0.5313+0.2767i	0.2663+0.0299i	0.8212+0.1981i	1.0449-0.0201i	1.8155-0.8689i

24.6	0.2629+0.0930i	0.8918+0.2116i	-0.5738+0.3009i	0.2732+0.0332i	0.7674+0.1602i	1.0764-0.0228i	1.9324-0.8698i
24.7	0.2691+0.0967i	0.8270+0.1865i	-0.6050+0.3225i	0.2890+0.0365i	0.7105+0.1378i	1.1066-0.0268i	2.0456-0.8766i
24.8	0.2786+0.0949i	0.7907+0.1596i	-0.6242+0.3374i	0.3037+0.0335i	0.6790+0.1141i	1.1363-0.0373i	2.1183-0.8902i
24.9	0.2867+0.0868i	0.7287+0.1344i	-0.6614+0.3701i	0.3147+0.0199i	0.6219+0.0917i	1.1718-0.0642i	2.2424-0.9364i
25.0	0.2896+0.0778i	0.6791+0.1180i	-0.7075+0.3874i	0.3218+0.0059i	0.5765+0.0759i	1.2015-0.0865i	2.3605-0.9686i
25.1	0.2915+0.0687i	0.6413+0.1150i	-0.7388+0.4122i	0.3270-0.0045i	0.5428+0.0731i	1.2257-0.1052i	2.4431-1.0027i
25.2	0.2862+0.0636i	0.6184+0.1128i	-0.7825+0.4508i	0.3285-0.0120i	0.5240+0.0703i	1.2456-0.1365i	2.5374-1.0798i
25.3	0.2800+0.0558i	0.5592+0.0967i	-0.8369+0.4857i	0.3261-0.0271i	0.4710+0.0559i	1.2755-0.1679i	2.6732-1.1374i
25.4	0.2811+0.0565i	0.5227+0.0795i	-0.8849+0.5451i	0.3282-0.0306i	0.4375+0.0390i	1.3040-0.2003i	2.7780-1.2232i
25.5	0.2833+0.0571i	0.4962+0.0741i	-0.9328+0.5972i	0.3326-0.0326i	0.4144+0.0330i	1.3320-0.2305i	2.8800-1.2970i
25.6	0.2860+0.0520i	0.4661+0.0670i	-0.9708+0.6706i	0.3366-0.0435i	0.3861+0.0271i	1.3501-0.2763i	2.9710-1.4254i
25.7	0.2851+0.0488i	0.4354+0.0608i	-0.9969+0.7776i	0.3365-0.0522i	0.3583+0.0203i	1.3629-0.3388i	3.0520-1.6079i
25.8	0.2827+0.0438i	0.4089+0.0634i	-1.0185+0.8738i	0.3372-0.0588i	0.3350+0.0220i	1.3746-0.3939i	3.1207-1.7655i
25.9	0.2787+0.0470i	0.3666+0.0726i	-1.0206+0.9730i	0.3334-0.0603i	0.2945+0.0286i	1.3740-0.4321i	3.1613-1.9165i
26.0	0.2860+0.0489i	0.3365+0.0761i	-0.9981+1.0568i	0.3392-0.0638i	0.2654+0.0309i	1.3736-0.4714i	3.1641-2.0565i
26.1	0.2911+0.0437i	0.2991+0.0965i	-1.0074+1.1697i	0.3474-0.0760i	0.2313+0.0516i	1.3921-0.5335i	3.2416-2.2602i
26.2	0.2908+0.0324i	0.2894+0.1288i	-0.9724+1.2800i	0.3451-0.0898i	0.2224+0.0838i	1.3805-0.5912i	3.2259-2.4612i
26.3	0.2818+0.0324i	0.2839+0.1354i	-0.9050+1.3947i	0.3307-0.0994i	0.2172+0.0916i	1.3654-0.6463i	3.1744-2.6621i
26.4	0.2748+0.0370i	0.2773+0.1543i	-0.8198+1.4948i	0.3195-0.1023i	0.2115+0.1094i	1.3494-0.6883i	3.1113-2.8437i
26.5	0.2761+0.0431i	0.2780+0.1612i	-0.7062+1.5748i	0.3140-0.1025i	0.2137+0.1165i	1.3388-0.7272i	3.0288-3.0060i
26.6	0.2731+0.0489i	0.2907+0.1634i	-0.5894+1.5883i	0.3058-0.0944i	0.2269+0.1183i	1.3299-0.7777i	2.9300-3.1360i
26.7	0.2747+0.0580i	0.3010+0.1579i	-0.4958+1.5962i	0.3012-0.0826i	0.2379+0.1125i	1.3199-0.8340i	2.8507-3.2902i
26.8	0.2852+0.0626i	0.2919+0.1452i	-0.4419+1.5973i	0.3059-0.0749i	0.2292+0.1007i	1.3155-0.8938i	2.8002-3.4375i
26.9	0.2977+0.0632i	0.2626+0.1280i	-0.4037+1.6045i	0.3149-0.0714i	0.2047+0.0841i	1.3143-0.9724i	2.7608-3.6248i
27.0	0.2966+0.0577i	0.2448+0.1324i	-0.3898+1.6302i	0.3164-0.0724i	0.1889+0.0882i	1.2978-1.0698i	2.6939-3.8526i
27.1	0.2928+0.0652i	0.2225+0.1501i	-0.3684+1.6815i	0.3129-0.0656i	0.1714+0.1020i	1.2486-1.1672i	2.5570-4.0993i
27.2	0.2947+0.0797i	0.2057+0.1766i	-0.2995+1.7524i	0.3137-0.0502i	0.1560+0.1244i	1.1593-1.2615i	2.2980-4.3513i
27.3	0.3129+0.0992i	0.2032+0.2103i	-0.1849+1.8378i	0.3266-0.0299i	0.1526+0.1537i	1.0375-1.3555i	1.9349-4.6143i
27.4	0.3399+0.1105i	0.2139+0.2382i	-0.0473+1.8840i	0.3517-0.0168i	0.1582+0.1763i	0.9081-1.4093i	1.5333-4.7439i
27.5	0.3620+0.1101i	0.2360+0.2643i	0.0925+1.8826i	0.3724-0.0133i	0.1757+0.1971i	0.7640-1.4223i	1.1175-4.7422i
27.6	0.3866+0.1103i	0.2578+0.2802i	0.2399+1.8774i	0.3950-0.0116i	0.1923+0.2101i	0.6194-1.4417i	0.6982-4.7539i
27.7	0.4220+0.1000i	0.2989+0.2903i	0.4194+1.8168i	0.4286-0.0110i	0.2252+0.2203i	0.4466-1.4072i	0.1994-4.5994i
27.8	0.4585+0.0928i	0.3337+0.2957i	0.5498+1.7535i	0.4638-0.0120i	0.2543+0.2245i	0.3250-1.3606i	-0.1524-4.4313i
27.9	0.4782+0.0691i	0.3644+0.2782i	0.6261+1.6264i	0.4867-0.0317i	0.2810+0.2100i	0.2364-1.2631i	-0.3742-4.1079i
28.0	0.4968+0.0423i	0.3979+0.2532i	0.6969+1.4792i	0.5125-0.0574i	0.3084+0.1904i	0.1508-1.1391i	-0.5869-3.7340i
28.1	0.5128+0.0063i	0.4132+0.2328i	0.7376+1.3500i	0.5316-0.0847i	0.3177+0.1738i	0.0961-1.0328i	-0.7253-3.4141i
28.2	0.5176-0.0304i	0.4240+0.2043i	0.7606+1.2185i	0.5407-0.1125i	0.3247+0.1500i	0.0582-0.9206i	-0.8295-3.0747i
28.3	0.5123-0.0529i	0.4291+0.1793i	0.7626+1.1104i	0.5431-0.1319i	0.3264+0.1314i	0.0529-0.8342i	-0.8555-2.7836i
28.4	0.5013-0.0692i	0.4337+0.1538i	0.7205+1.0065i	0.5436-0.1449i	0.3315+0.1151i	0.0623-0.7532i	-0.7801-2.4922i
28.5	0.5077-0.0778i	0.4320+0.1377i	0.6884+0.9247i	0.5558-0.1501i	0.3319+0.1027i	0.0698-0.6809i	-0.7286-2.2649i
28.6	0.5239-0.1046i	0.4340+0.1170i	0.6367+0.8300i	0.5833-0.1706i	0.3361+0.0864i	0.1017-0.5994i	-0.6021-2.0112i
28.7	0.5328-0.1360i	0.4387+0.1037i	0.6042+0.7608i	0.5988-0.1987i	0.3381+0.0801i	0.1122-0.5380i	-0.5383-1.8243i
28.8	0.5215-0.1665i	0.4362+0.0930i	0.5506+0.7203i	0.5982-0.2262i	0.3378+0.0733i	0.1374-0.5083i	-0.4250-1.7169i
28.9	0.5148-0.1889i	0.4356+0.0849i	0.4955+0.6818i	0.5994-0.2463i	0.3397+0.0672i	0.1648-0.4694i	-0.3135-1.6051i
29.0	0.5063-0.2148i	0.4424+0.0558i	0.4287+0.6336i	0.6086-0.2739i	0.3477+0.0448i	0.2060-0.4149i	-0.1705-1.4533i
29.1	0.4987-0.2408i	0.4399+0.0497i	0.3622+0.6140i	0.6178-0.2992i	0.3465+0.0413i	0.2403-0.3875i	-0.0235-1.3749i
29.2	0.4799-0.2605i	0.4370+0.0460i	0.2995+0.6030i	0.6153-0.3163i	0.3467+0.0396i	0.2747-0.3623i	0.1072-1.3118i
29.3	0.4619-0.2805i	0.4278+0.0333i	0.2498+0.5889i	0.6099-0.3341i	0.3420+0.0314i	0.2990-0.3349i	0.2133-1.2416i
29.4	0.4405-0.2996i	0.4241+0.0162i	0.1938+0.5831i	0.6054-0.3620i	0.3411+0.0163i	0.3325-0.3164i	0.3502-1.1924i
29.5	0.4145-0.3241i	0.4193+0.0004i	0.1278+0.5742i	0.6006-0.3923i	0.3398+0.0018i	0.3717-0.2972i	0.5070-1.1371i
29.6	0.3899-0.3310i	0.4119-0.0096i	0.0765+0.5926i	0.5953-0.4102i	0.3368-0.0065i	0.4125-0.2854i	0.6456-1.1392i
29.7	0.3658-0.3387i	0.4250-0.0214i	0.0213+0.5970i	0.5924-0.4244i	0.3522-0.0138i	0.4508-0.2639i	0.7646-1.1003i
29.8	0.3478-0.3501i	0.4272-0.0198i	-0.0178+0.6216i	0.5903-0.4466i	0.3566-0.0116i	0.4825-0.2599i	0.8682-1.1206i
29.9	0.3350-0.3591i	0.4171-0.0288i	-0.0581+0.6425i	0.5959-0.4641i	0.3474-0.0220i	0.5189-0.2443i	0.9996-1.1207i
30.0	0.3016-0.3658i	0.4263-0.0516i	-0.1089+0.6651i	0.5914-0.4957i	0.3606-0.0435i	0.5656-0.2369i	1.1465-1.1345i
30.1	0.2738-0.3772i	0.4383-0.0621i	-0.1341+0.7033i	0.5864-0.5225i	0.3752-0.0533i	0.6053-0.2439i	1.2473-1.1801i
30.2	0.2348-0.3724i	0.4302-0.0748i	-0.1830+0.7217i	0.5706-0.5439i	0.3726-0.0654i	0.6623-0.2502i	1.4092-1.2321i
30.3	0.1990-0.3558i	0.4333-0.0860i	-0.2067+0.7507i	0.5477-0.5612i	0.3794-0.0784i	0.6940-0.2657i	1.4915-1.3197i
30.4	0.1920-0.3433i	0.4357-0.1056i	-0.2268+0.7886i	0.5469-0.5767i	0.3818-0.0998i	0.7291-0.2782i	1.5594-1.3904i
30.5	0.1756-0.3263i	0.4383-0.1223i	-0.2578+0.7977i	0.5336-0.5867i	0.3858-0.1175i	0.7701-0.2730i	1.6290-1.4218i
30.6	0.1447-0.3206i	0.4506-0.1331i	-0.2916+0.8120i	0.5151-0.6040i	0.3981-0.1277i	0.8278-0.2770i	1.7193-1.4571i
30.7	0.1170-0.3116i	0.4597-0.1405i	-0.3320+0.8511i	0.5072-0.6206i	0.4084-0.1338i	0.8873-0.3097i	1.8378-1.5417i
30.8	0.0916-0.3038i	0.4688-0.1534i	-0.3756+0.8953i	0.5018-0.6339i	0.4212-0.1433i	0.9562-0.3472i	1.9693-1.6176i

30.9	0.0657-0.2836i	0.4761-0.1708i	-0.4062+0.9357i	0.4985-0.6492i	0.4336-0.1645i	1.0154-0.3921i	2.0944-1.7181i
31.0	0.0540-0.2614i	0.4850-0.2020i	-0.4454+0.9985i	0.4983-0.6732i	0.4445-0.1970i	1.0752-0.4497i	2.1963-1.8589i
31.1	0.0240-0.2426i	0.4869-0.2343i	-0.4796+1.0296i	0.4906-0.7016i	0.4505-0.2290i	1.1227-0.5003i	2.3058-1.9675i
31.2	-0.0152-0.1833i	0.4694-0.2647i	-0.4992+1.0891i	0.4476-0.7196i	0.4411-0.2690i	1.1607-0.6038i	2.3958-2.1911i
31.3	-0.0080-0.1253i	0.4778-0.2928i	-0.5371+1.1686i	0.4423-0.7094i	0.4465-0.3049i	1.1758-0.6828i	2.4126-2.3461i
31.4	-0.0142-0.0622i	0.4830-0.3370i	-0.5809+1.2450i	0.4322-0.7364i	0.4498-0.3584i	1.2136-0.7792i	2.4856-2.5974i
31.5	-0.0134-0.0229i	0.4729-0.3928i	-0.5850+1.3368i	0.4229-0.7773i	0.4411-0.4170i	1.2291-0.8862i	2.5254-2.8376i
31.6	0.0045+0.0234i	0.4687-0.4389i	-0.6070+1.4294i	0.4177-0.7974i	0.4310-0.4653i	1.2403-0.9838i	2.5369-3.0524i
31.7	0.0271+0.0594i	0.4478-0.4855i	-0.6242+1.5236i	0.3937-0.8292i	0.4046-0.5161i	1.2419-1.0988i	2.5089-3.2805i
31.8	0.0547+0.0975i	0.4250-0.5250i	-0.6141+1.6099i	0.3616-0.8613i	0.3743-0.5606i	1.2202-1.2019i	2.4266-3.4986i
31.9	0.1032+0.1843i	0.3680-0.5935i	-0.5883+1.7442i	0.3006-0.9066i	0.3053-0.6396i	1.1673-1.3475i	2.2787-3.8632i
32.0	0.1959+0.2757i	0.3007-0.6443i	-0.5715+1.9177i	0.2328-0.9109i	0.2163-0.6972i	1.0908-1.4992i	2.0521-4.2102i
32.1	0.2542+0.2691i	0.2497-0.6652i	-0.5186+2.0180i	0.1739-0.9054i	0.1511-0.7071i	1.0096-1.5874i	1.8295-4.3249i
32.2	0.3358+0.2573i	0.1849-0.6914i	-0.4063+2.1346i	0.1399-0.9044i	0.0748-0.7190i	0.9054-1.6715i	1.5976-4.4588i
32.3	0.4008+0.2731i	0.0977-0.7296i	-0.2753+2.3234i	0.0827-0.8776i	-0.0152-0.7431i	0.7547-1.8183i	1.3188-4.6771i
32.4	0.4412+0.2543i	0.0517-0.7261i	-0.1815+2.4085i	0.0434-0.8378i	-0.0629-0.7248i	0.6548-1.8806i	1.1012-4.7354i
32.5	0.4784+0.2170i	-0.0065-0.6910i	-0.0204+2.4462i	0.0125-0.7813i	-0.1186-0.6744i	0.5040-1.9013i	0.8104-4.7155i
32.6	0.5083+0.1943i	-0.0612-0.6566i	0.1158+2.4924i	-0.0183-0.7202i	-0.1702-0.6260i	0.3655-1.9369i	0.5471-4.7193i
32.7	0.5705+0.1798i	-0.1279-0.6257i	0.2830+2.5030i	-0.0198-0.6694i	-0.2329-0.5849i	0.2047-1.9295i	0.2756-4.6922i
32.8	0.6658+0.1625i	-0.2294-0.5804i	0.5313+2.4979i	-0.0252-0.5988i	-0.3307-0.5289i	-0.0244-1.9018i	-0.1088-4.6070i
32.9	0.6973+0.1602i	-0.2620-0.5302i	0.6765+2.4229i	0.0029-0.5310i	-0.3503-0.4752i	-0.1712-1.8183i	-0.3143-4.4342i
33.0	0.7340+0.1503i	-0.2657-0.4958i	0.7571+2.3633i	0.0508-0.4946i	-0.3447-0.4379i	-0.2491-1.7445i	-0.4243-4.2985i
33.1	0.7964+0.1129i	-0.2795-0.4520i	0.8864+2.2946i	0.1224-0.4746i	-0.3502-0.3892i	-0.3602-1.6530i	-0.5635-4.1469i
33.2	0.8946+0.0462i	-0.3183-0.3963i	0.9939+2.2192i	0.1766-0.4740i	-0.3855-0.3295i	-0.4470-1.5555i	-0.6994-4.0198i
33.3	0.9738-0.0298i	-0.3495-0.3438i	1.1304+2.1518i	0.2316-0.4709i	-0.4103-0.2699i	-0.5514-1.4776i	-0.8834-3.8792i
33.4	1.0027-0.1340i	-0.3464-0.2769i	1.2152+1.9967i	0.2765-0.4978i	-0.3984-0.2047i	-0.6024-1.3386i	-0.9909-3.6582i
33.5	0.9854-0.2226i	-0.3176-0.2341i	1.2188+1.8806i	0.3034-0.5309i	-0.3579-0.1637i	-0.5961-1.2356i	-0.9494-3.4760i
33.6	0.9310-0.3300i	-0.2454-0.1951i	1.1757+1.7655i	0.3412-0.5779i	-0.2771-0.1232i	-0.5565-1.1365i	-0.8705-3.2595i
33.7	0.8929-0.4334i	-0.2204-0.1662i	1.1702+1.6378i	0.3528-0.6548i	-0.2452-0.0975i	-0.5351-1.0296i	-0.7980-3.1099i
33.8	0.8436-0.4886i	-0.1837-0.1596i	1.1105+1.5921i	0.3672-0.6890i	-0.2019-0.0939i	-0.4820-0.9907i	-0.6555-3.0810i
33.9	0.7858-0.5011i	-0.1410-0.1620i	1.0444+1.5773i	0.3777-0.7196i	-0.1544-0.1009i	-0.4338-0.9854i	-0.5040-3.1394i
34.0	0.7146-0.5208i	-0.0918-0.1716i	1.0046+1.6069i	0.3756-0.7628i	-0.1031-0.1113i	-0.4016-1.0145i	-0.4675-3.2829i
34.1	0.6960-0.4798i	-0.1140-0.2122i	1.0183+1.6437i	0.3300-0.7833i	-0.1231-0.1536i	-0.4211-1.0495i	-0.5107-3.4619i
34.2	0.6534-0.4459i	-0.1167-0.2539i	1.0694+1.6498i	0.2902-0.8085i	-0.1196-0.1993i	-0.4704-1.0650i	-0.6199-3.5450i
34.3	0.6573-0.4634i	-0.1341-0.2564i	1.1905+1.6278i	0.2574-0.8305i	-0.1316-0.2038i	-0.5770-1.0463i	-0.9250-3.6135i
34.4	0.6969-0.4772i	-0.1585-0.2493i	1.2875+1.5714i	0.2470-0.8317i	-0.1536-0.2003i	-0.6683-0.9999i	-1.1747-3.6097i
34.5	0.6985-0.4805i	-0.1781-0.2300i	1.3375+1.4573i	0.2270-0.8044i	-0.1708-0.1851i	-0.7290-0.9113i	-1.4456-3.4372i
34.6	0.7148-0.4931i	-0.1832-0.2106i	1.3432+1.3515i	0.2450-0.7862i	-0.1759-0.1698i	-0.7521-0.8249i	-1.5829-3.2593i
34.7	0.7251-0.5051i	-0.1817-0.1929i	1.3029+1.2389i	0.2695-0.7611i	-0.1719-0.1572i	-0.7428-0.7245i	-1.6472-3.0133i
34.8	0.7124-0.5443i	-0.1742-0.1731i	1.2368+1.1284i	0.2651-0.7698i	-0.1627-0.1388i	-0.7085-0.6184i	-1.6983-2.7674i
34.9	0.7150-0.5783i	-0.1570-0.1646i	1.1781+1.0543i	0.2907-0.7919i	-0.1421-0.1346i	-0.6818-0.5429i	-1.6717-2.5901i
35.0	0.7021-0.6079i	-0.1445-0.1552i	1.1013+0.9919i	0.3170-0.7999i	-0.1281-0.1290i	-0.6373-0.4801i	-1.6519-2.4070i
35.1	0.6845-0.6182i	-0.1258-0.1538i	0.9925+0.9575i	0.3368-0.8007i	-0.1103-0.1326i	-0.5605-0.4332i	-1.5999-2.2352i
35.2	0.6815-0.6296i	-0.1032-0.1569i	0.8841+0.9728i	0.3742-0.8317i	-0.0896-0.1374i	-0.4870-0.4201i	-1.4683-2.0757i
35.3	0.6743-0.6503i	-0.0845-0.1709i	0.7768+1.0053i	0.4118-0.8744i	-0.0691-0.1528i	-0.4077-0.4288i	-1.3272-1.9964i
35.4	0.6449-0.6646i	-0.0615-0.1950i	0.6525+1.0768i	0.4276-0.9275i	-0.0456-0.1803i	-0.3123-0.4648i	-1.1475-1.9514i
35.5	0.6249-0.6531i	-0.0573-0.2228i	0.6037+1.1756i	0.4295-0.9661i	-0.0437-0.2102i	-0.2756-0.5337i	-1.0275-1.9708i
35.6	0.6247-0.6568i	-0.0349-0.2494i	0.5368+1.3409i	0.4545-1.0464i	-0.0257-0.2386i	-0.2324-0.6564i	-0.8887-2.0233i
35.7	0.6359-0.6581i	-0.0381-0.2900i	0.5652+1.5038i	0.4464-1.1361i	-0.0309-0.2804i	-0.2684-0.7708i	-0.8337-2.1560i
35.8	0.6521-0.6386i	-0.0653-0.3351i	0.6506+1.6492i	0.4140-1.2006i	-0.0593-0.3282i	-0.3452-0.8710i	-0.8518-2.3170i
35.9	0.7082-0.6602i	-0.1130-0.3693i	0.8152+1.7885i	0.3765-1.2876i	-0.1123-0.3634i	-0.5001-0.9542i	-0.9774-2.4648i
36.0	0.7690-0.6880i	-0.1669-0.3718i	1.0444+1.7664i	0.3182-1.3263i	-0.1690-0.3640i	-0.6933-0.9194i	-1.1907-2.4889i
36.1	0.8007-0.7334i	-0.2106-0.3642i	1.1897+1.7290i	0.2688-1.3568i	-0.2131-0.3533i	-0.8234-0.8734i	-1.3804-2.4767i
36.2	0.8333-0.8394i	-0.2527-0.3397i	1.3194+1.6267i	0.2254-1.4019i	-0.2567-0.3254i	-0.9488-0.7559i	-1.5415-2.3176i
36.3	0.8324-0.9311i	-0.2711-0.3178i	1.3638+1.4963i	0.1748-1.4363i	-0.2736-0.3003i	-1.0012-0.6051i	-1.6224-2.0870i
36.4	0.7983-1.0152i	-0.2797-0.2792i	1.3950+1.3745i	0.1209-1.4514i	-0.2805-0.2586i	-1.0263-0.4711i	-1.6817-1.8839i
36.5	0.7729-1.0790i	-0.2832-0.2616i	1.3934+1.2314i	0.0772-1.4566i	-0.2824-0.2414i	-1.0253-0.3173i	-1.6685-1.6738i
36.6	0.7114-1.1401i	-0.2776-0.2570i	1.3288+1.1460i	0.0453-1.4810i	-0.2734-0.2361i	-0.9662-0.2077i	-1.5220-1.5366i
36.7	0.6920-1.1685i	-0.2622-0.2340i	1.3025+1.1149i	0.0330-1.4917i	-0.2558-0.2152i	-0.9428-0.1517i	-1.4394-1.4511i
36.8	0.6535-1.2115i	-0.2499-0.2213i	1.2629+1.0647i	0.0050-1.5072i	-0.2456-0.2025i	-0.9041-0.0706i	-1.3909-1.3706i
36.9	0.5806-1.2272i	-0.2416-0.2224i	1.1916+1.0145i	-0.0422-1.5012i	-0.2357-0.2025i	-0.8250-0.0082i	-1.2389-1.2932i
37.0	0.5616-1.2371i	-0.2348-0.2235i	1.1607+1.0061i	-0.0617-1.5097i	-0.2274-0.2049i	-0.7901+0.0199i	-1.1677-1.2968i
37.1	0.5476-1.3029i	-0.2188-0.2428i	1.1085+1.0005i	-0.0613-1.5740i	-0.2175-0.2231i	-0.7391+0.0770i	-1.1283-1.2662i

37.2	0.5055-1.3584i	-0.2301-0.2521i	1.0796+1.0096i	-0.1116-1.6227i	-0.2252-0.2257i	-0.6958+0.1080i	-1.0636-1.2225i
37.3	0.4716-1.4111i	-0.2250-0.2641i	1.0598+0.9970i	-0.1450-1.6760i	-0.2177-0.2338i	-0.6689+0.1489i	-1.0218-1.1852i
37.4	0.4142-1.4366i	-0.2235-0.2933i	1.0310+0.9972i	-0.1862-1.7156i	-0.2155-0.2582i	-0.6182+0.1673i	-0.9705-1.1906i
37.5	0.3612-1.4772i	-0.2245-0.3165i	0.9921+0.9659i	-0.2263-1.7598i	-0.2139-0.2776i	-0.5654+0.2181i	-0.9156-1.1400i
37.6	0.2969-1.5278i	-0.2486-0.3281i	0.9479+0.9344i	-0.3048-1.8065i	-0.2313-0.2879i	-0.5087+0.2827i	-0.8456-1.0551i
37.7	0.2615-1.5593i	-0.2640-0.3444i	0.9013+0.9236i	-0.3535-1.8466i	-0.2434-0.3026i	-0.4620+0.3146i	-0.7646-1.0218i
37.8	0.1909-1.6153i	-0.2978-0.3773i	0.8139+0.9118i	-0.4449-1.9193i	-0.2689-0.3280i	-0.3562+0.3652i	-0.5845-0.9734i
37.9	0.0857-1.6301i	-0.3407-0.3950i	0.7465+0.9093i	-0.5733-1.9421i	-0.3036-0.3423i	-0.2546+0.4011i	-0.4741-1.0043i
38.0	-0.0047-1.6196i	-0.3996-0.3970i	0.6656+0.9845i	-0.7127-1.9305i	-0.3497-0.3433i	-0.1295+0.3550i	-0.3649-1.1332i
38.1	-0.0993-1.6167i	-0.4654-0.3868i	0.6103+1.0504i	-0.8753-1.9182i	-0.4049-0.3374i	-0.0252+0.3023i	-0.3509-1.2335i
38.2	-0.1792-1.5757i	-0.5008-0.3483i	0.5684+1.1001i	-0.9760-1.8331i	-0.4300-0.3078i	0.0560+0.2317i	-0.3699-1.3057i
38.3	-0.2006-1.5493i	-0.5314-0.2975i	0.5102+1.1571i	-1.0210-1.7462i	-0.4549-0.2645i	0.1123+0.1514i	-0.3665-1.3322i
38.4	-0.2328-1.5200i	-0.5528-0.2764i	0.4500+1.1997i	-1.0701-1.7100i	-0.4739-0.2533i	0.1618+0.1071i	-0.3800-1.3439i
38.5	-0.2967-1.5290i	-0.5808-0.2432i	0.3810+1.3226i	-1.1551-1.6900i	-0.5004-0.2313i	0.2167+0.0195i	-0.3701-1.3745i
38.6	-0.3201-1.5216i	-0.5856-0.2000i	0.3419+1.4512i	-1.1826-1.6344i	-0.5038-0.1944i	0.2517-0.0912i	-0.3249-1.4162i
38.7	-0.3548-1.5189i	-0.5785-0.1558i	0.3430+1.6333i	-1.2052-1.5780i	-0.4984-0.1557i	0.2677-0.2317i	-0.3033-1.4789i
38.8	-0.4195-1.5218i	-0.5864-0.1216i	0.3451+1.8699i	-1.2792-1.5419i	-0.5051-0.1312i	0.2793-0.4155i	-0.2506-1.5856i
38.9	-0.5162-1.5293i	-0.5768-0.0929i	0.4185+2.0195i	-1.3501-1.5189i	-0.4948-0.1079i	0.2306-0.5148i	-0.2977-1.6454i
39.0	-0.5798-1.5338i	-0.5658-0.0582i	0.5430+2.1998i	-1.4076-1.4836i	-0.4864-0.0798i	0.1457-0.6412i	-0.3230-1.7125i
39.1	-0.6330-1.5079i	-0.5497-0.0422i	0.7035+2.3080i	-1.4417-1.4355i	-0.4714-0.0704i	0.0229-0.7225i	-0.3727-1.7764i
39.2	-0.7245-1.4823i	-0.5310-0.0377i	0.8810+2.4025i	-1.4988-1.4031i	-0.4557-0.0690i	-0.1136-0.7781i	-0.4792-1.7958i
39.3	-0.7915-1.4533i	-0.5146-0.0268i	1.0950+2.4597i	-1.5460-1.3521i	-0.4451-0.0651i	-0.2742-0.8007i	-0.5945-1.8291i
39.4	-0.8862-1.3965i	-0.5008-0.0333i	1.3249+2.4640i	-1.6140-1.2941i	-0.4346-0.0739i	-0.4337-0.7825i	-0.7095-1.8145i
39.5	-0.9752-1.3453i	-0.4905-0.0358i	1.5125+2.4387i	-1.6702-1.2351i	-0.4272-0.0784i	-0.5464-0.7475i	-0.7992-1.7743i
39.6	-1.0464-1.2550i	-0.5184-0.0346i	1.7391+2.3700i	-1.7410-1.1555i	-0.4592-0.0822i	-0.6649-0.6822i	-0.8368-1.7025i
39.7	-1.0426-1.1747i	-0.5668+0.0226i	1.8260+2.1705i	-1.7557-1.0510i	-0.5107-0.0254i	-0.6706-0.5708i	-0.7902-1.6573i
39.8	-1.0482-1.1257i	-0.5221+0.0790i	1.7654+2.1451i	-1.7318-0.9689i	-0.4657+0.0311i	-0.6142-0.5918i	-0.8362-1.6688i
39.9	-1.0930-1.0275i	-0.4866+0.0489i	1.9036+2.1342i	-1.7551-0.9048i	-0.4329-0.0002i	-0.7379-0.5777i	-0.9753-1.5905i
40.0	-1.1160-0.9440i	-0.4794+0.0310i	2.0347+2.0591i	-1.7680-0.8453i	-0.4264-0.0207i	-0.8373-0.5327i	-0.9993-1.4767i
40.1	-1.1076-0.8762i	-0.4763+0.0282i	2.0792+1.9352i	-1.7553-0.7846i	-0.4249-0.0246i	-0.8569-0.4458i	-0.9718-1.3596i
40.2	-1.1122-0.8032i	-0.4866+0.0317i	2.1385+1.8057i	-1.7763-0.7076i	-0.4377-0.0227i	-0.8949-0.3377i	-0.9822-1.2842i
40.3	-1.1270-0.7318i	-0.4964+0.0351i	2.1823+1.6943i	-1.8031-0.6402i	-0.4495-0.0206i	-0.9263-0.2411i	-0.9728-1.2138i
40.4	-1.1010-0.6848i	-0.5080+0.0494i	2.1937+1.6147i	-1.7941-0.5795i	-0.4627-0.0099i	-0.9311-0.1897i	-0.9592-1.1532i
40.5	-1.0687-0.6545i	-0.5151+0.0539i	2.1927+1.6452i	-1.7784-0.5511i	-0.4721-0.0080i	-0.9127-0.2285i	-0.8883-1.1133i
40.6	-1.0679-0.6120i	-0.5208+0.0518i	2.2843+1.5523i	-1.7895-0.5060i	-0.4816-0.0112i	-0.9880-0.1639i	-0.8580-1.0771i
40.7	-1.0482-0.5332i	-0.5468+0.0748i	2.2140+1.4147i	-1.7950-0.4032i	-0.5046+0.0134i	-0.9206-0.0559i	-0.8187-1.0021i
40.8	-1.0245-0.4870i	-0.5622+0.1106i	2.1685+1.3593i	-1.7911-0.3406i	-0.5201+0.0487i	-0.8848-0.0173i	-0.7650-0.9943i
40.9	-1.0158-0.4591i	-0.5504+0.1309i	2.1584+1.3888i	-1.7887-0.2892i	-0.5101+0.0694i	-0.9060-0.0438i	-0.7247-0.9746i
41.0	-0.9942-0.4044i	-0.5396+0.1497i	2.1494+1.3897i	-1.7663-0.2053i	-0.4998+0.0831i	-0.8965-0.0235i	-0.6796-0.9148i
41.1	-0.9461-0.3718i	-0.5404+0.1781i	2.2321+1.4476i	-1.7387-0.1352i	-0.5043+0.1052i	-0.9554-0.0709i	-0.5991-0.9284i
41.2	-0.9246-0.4151i	-0.5118+0.2070i	2.3662+1.4442i	-1.6991-0.1121i	-0.4801+0.1332i	-1.0669-0.0894i	-0.5502-0.9668i
41.3	-0.9213-0.3928i	-0.5037+0.2294i	2.4907+1.2646i	-1.6594-0.0449i	-0.4727+0.1567i	-1.1691+0.0858i	-0.5818-0.9878i
41.4	-0.8789-0.3777i	-0.5037+0.2343i	2.4033+1.1910i	-1.6102-0.0327i	-0.4744+0.1614i	-1.0641+0.1379i	-0.5666-0.9479i
41.5	-0.8934-0.3271i	-0.4833+0.2525i	2.4072+1.2031i	-1.6088+0.0338i	-0.4527+0.1770i	-1.1166+0.1776i	-0.5343-0.9322i
41.6	-0.8594-0.2791i	-0.4577+0.2416i	2.4674+1.0226i	-1.5356+0.0603i	-0.4363+0.1618i	-1.1140+0.3840i	-0.5309-0.9511i
41.7	-0.8418-0.2901i	-0.4895+0.2341i	2.3944+0.9565i	-1.5500+0.0405i	-0.4722+0.1617i	-1.0392+0.3871i	-0.5030-0.9100i
41.8	-0.8136-0.2691i	-0.5028+0.2829i	2.4233+0.9551i	-1.5505+0.1164i	-0.4837+0.2091i	-1.0863+0.4095i	-0.4290-0.8961i
41.9	-0.7728-0.2507i	-0.4749+0.2993i	2.4323+0.8977i	-1.4801+0.1668i	-0.4572+0.2233i	-1.0507+0.5035i	-0.3726-0.9162i
42.0	-0.7832-0.2563i	-0.4337+0.3141i	2.4585+0.7289i	-1.4308+0.1882i	-0.4218+0.2403i	-1.0245+0.6584i	-0.3809-0.9624i
42.1	-0.7478-0.3071i	-0.4521+0.3400i	2.4396+0.5736i	-1.4287+0.1769i	-0.4455+0.2717i	-1.0083+0.6994i	-0.3560-0.9806i
42.2	-0.7519-0.3102i	-0.4284+0.3944i	2.3939+0.4699i	-1.4163+0.2335i	-0.4231+0.3305i	-0.9995+0.8041i	-0.3145-1.0433i
42.3	-0.7765-0.3508i	-0.3552+0.4687i	2.1714+0.4640i	-1.3850+0.2772i	-0.3468+0.4133i	-0.8075+0.8252i	-0.3488-1.1096i
42.4	-0.8619-0.3406i	-0.2191+0.4116i	2.0579+0.5374i	-1.3347+0.2966i	-0.1971+0.3608i	-0.7200+0.7868i	-0.4473-1.1172i
42.5	-0.9160-0.3168i	-0.2114+0.3347i	2.1485+0.6094i	-1.2762+0.3004i	-0.1826+0.2763i	-0.8169+0.7434i	-0.5145-1.0468i
42.6	-0.9327-0.2696i	-0.2420+0.3173i	2.3108+0.6829i	-1.2715+0.2760i	-0.2143+0.2466i	-0.9566+0.6733i	-0.4831-0.9807i
42.7	-0.8685-0.1808i	-0.2835+0.2848i	2.3113+0.5834i	-1.2751+0.2885i	-0.2566+0.2049i	-0.9057+0.7920i	-0.3812-0.8998i
42.8	-0.8292-0.2184i	-0.3155+0.3307i	2.3176+0.5373i	-1.2731+0.3066i	-0.2966+0.2515i	-0.8950+0.8204i	-0.2901-0.9380i
42.9	-0.8198-0.1908i	-0.3155+0.3717i	2.2664+0.3958i	-1.2372+0.3597i	-0.2944+0.2966i	-0.8340+0.9953i	-0.2929-1.0206i
43.0	-0.8245-0.1197i	-0.1782+0.4211i	2.0977+0.3888i	-1.1210+0.4262i	-0.1518+0.3367i	-0.6293+1.0590i	-0.4253-1.0840i
43.1	-0.8774-0.1039i	-0.0898+0.3610i	2.2205+0.3379i	-1.0859+0.4065i	-0.0638+0.2731i	-0.7169+1.0890i	-0.4791-1.0325i
43.2	-0.8289-0.0369i	-0.1392+0.2661i	2.2593+0.3144i	-1.0912+0.3809i	-0.1185+0.1701i	-0.7056+1.0744i	-0.3980-0.9545i
43.3	-0.8184-0.0193i	-0.1460+0.2593i	2.3947+0.0801i	-1.0909+0.4168i	-0.1367+0.1652i	-0.8458+1.2771i	-0.3822-0.9945i
43.4	-0.8142-0.0721i	-0.1681+0.2837i	2.1525-0.1788i	-1.0965+0.4141i	-0.1629+0.2026i	-0.7001+1.4707i	-0.3545-0.9795i

43.5	-0.8965-0.0620i	-0.1253+0.3136i	2.0050-0.1880i	-1.0978+0.4591i	-0.1100+0.2347i	-0.6210+1.5424i	-0.3150-1.0211i
43.6	-0.9365-0.0127i	-0.0359+0.3084i	1.8509+0.0717i	-0.9697+0.4926i	-0.0175+0.2167i	-0.4243+1.4007i	-0.4026-1.0839i
43.7	-0.8782+0.0798i	-0.0430+0.2489i	2.0106+0.1085i	-0.9389+0.4641i	-0.0332+0.1499i	-0.5187+1.3821i	-0.4523-1.0128i
43.8	-0.7231+0.1641i	-0.1134+0.1902i	1.9736+0.0198i	-0.9195+0.4648i	-0.1159+0.0767i	-0.3700+1.4935i	-0.3889-0.9071i
43.9	-0.6106+0.1314i	-0.1361+0.2069i	1.9010-0.0395i	-0.8710+0.4685i	-0.1580+0.0924i	-0.2063+1.5173i	-0.3044-0.9307i
44.0	-0.6079+0.0211i	-0.1271+0.2484i	1.8726-0.1433i	-0.8652+0.4743i	-0.1578+0.1505i	-0.2072+1.5422i	-0.2828-1.0371i
44.1	-0.7445-0.0178i	-0.0456+0.2656i	1.6379-0.3655i	-0.8163+0.5086i	-0.0700+0.1866i	-0.0032+1.7805i	-0.4027-1.1298i
44.2	-0.8260-0.0455i	-0.0003+0.2582i	1.4076-0.2857i	-0.7896+0.4798i	-0.0154+0.1860i	0.1901+1.6694i	-0.4178-1.0454i
44.3	-0.7548+0.0799i	-0.0363+0.1859i	1.3372+0.1179i	-0.7092+0.4863i	-0.0547+0.0984i	0.3770+1.3699i	-0.4203-1.0513i
44.4	-0.7376+0.0804i	-0.0162+0.1865i	1.5173+0.2446i	-0.6372+0.4252i	-0.0426+0.1046i	0.3176+1.1782i	-0.4917-1.0903i
44.5	-0.7538+0.0211i	0.0038+0.1857i	1.6636+0.1189i	-0.6616+0.3538i	-0.0224+0.1169i	0.1462+1.1596i	-0.5350-1.0131i
44.6	-0.7548+0.0996i	-0.0132+0.1347i	1.4476-0.0241i	-0.6666+0.3544i	-0.0316+0.0600i	0.2866+1.3055i	-0.5776-0.9487i
44.7	-0.7530+0.2053i	-0.0182+0.0940i	1.3412+0.0850i	-0.6206+0.3156i	-0.0335+0.0134i	0.4036+1.2332i	-0.6944-0.8902i
44.8	-0.6635+0.1687i	-0.0717+0.1084i	1.4404+0.2570i	-0.6713+0.2399i	-0.0952+0.0281i	0.3395+1.0027i	-0.6552-0.7121i
44.9	-0.6142+0.1990i	-0.1289+0.0944i	1.6525+0.2793i	-0.7823+0.2720i	-0.1590+0.0085i	0.1136+1.0067i	-0.4689-0.5774i
45.0	-0.6014+0.1892i	-0.1141+0.1506i	1.5788+0.1144i	-0.7692+0.3590i	-0.1475+0.0724i	0.1941+1.1824i	-0.3479-0.6332i
45.1	-0.5754+0.0860i	-0.0600+0.2010i	1.4587+0.0864i	-0.6816+0.3683i	-0.0976+0.1388i	0.3469+1.1357i	-0.3477-0.7280i
45.2	-0.5862+0.0633i	-0.0001+0.1399i	1.4429+0.1661i	-0.6382+0.3156i	-0.0333+0.0865i	0.3394+0.9860i	-0.4033-0.7254i
45.3	-0.6009+0.2136i	-0.0086+0.0031i	1.3597+0.2018i	-0.5977+0.3144i	-0.0366-0.0619i	0.4092+1.0576i	-0.4727-0.6273i
45.4	-0.5833+0.2550i	-0.0733-0.0224i	1.4899+0.3273i	-0.6208+0.2763i	-0.1059-0.0940i	0.3050+0.9513i	-0.4154-0.5519i
45.5	-0.5494+0.1968i	-0.1314+0.0624i	1.6914+0.0945i	-0.6657+0.3009i	-0.1654-0.0003i	0.1390+1.1202i	-0.3422-0.5595i
45.6	-0.6034+0.1707i	-0.1010+0.1125i	1.5355-0.1555i	-0.6982+0.3524i	-0.1248+0.0510i	0.1853+1.2825i	-0.3108-0.5756i
45.7	-0.5557+0.2113i	-0.1010+0.0704i	1.3444-0.0319i	-0.6592+0.3433i	-0.1317+0.0063i	0.3502+1.2054i	-0.2741-0.5316i
45.8	-0.5197+0.1811i	-0.1285+0.0875i	1.3215+0.0160i	-0.6518+0.3416i	-0.1667+0.0274i	0.3740+1.1732i	-0.1882-0.5186i
45.9	-0.5319+0.1848i	-0.0939+0.1191i	1.2150-0.0119i	-0.6045+0.3824i	-0.1309+0.0660i	0.4832+1.2481i	-0.1286-0.5643i
46.0	-0.5678+0.1529i	-0.0495+0.1401i	1.0670-0.0624i	-0.5581+0.4130i	-0.0788+0.0996i	0.6069+1.3155i	-0.1253-0.6472i
46.1	-0.5736+0.1701i	-0.0296+0.0924i	0.9649+0.1137i	-0.5071+0.3580i	-0.0491+0.0499i	0.7348+1.1499i	-0.2114-0.6151i
46.2	-0.5430+0.2060i	-0.0707+0.0507i	1.0507+0.3260i	-0.5083+0.2871i	-0.0867-0.0011i	0.7133+0.9434i	-0.1898-0.5162i
46.3	-0.4986+0.2018i	-0.0844+0.0569i	1.1192+0.3422i	-0.5092+0.2609i	-0.1090+0.0000i	0.6822+0.8755i	-0.1035-0.5208i
46.4	-0.5356+0.2287i	-0.0542+0.0590i	1.0686+0.3293i	-0.4960+0.2586i	-0.0804+0.0031i	0.7029+0.8933i	-0.1123-0.5639i
46.5	-0.5899+0.2806i	0.0027+0.0505i	0.9791+0.3543i	-0.4803+0.2413i	-0.0191-0.0034i	0.7347+0.8842i	-0.1838-0.5489i
46.6	-0.5756+0.3463i	0.0392-0.0056i	0.9072+0.5244i	-0.4764+0.2162i	0.0217-0.0691i	0.7698+0.7923i	-0.2039-0.4416i
46.7	-0.4924+0.3643i	-0.0171-0.0461i	1.0375+0.6374i	-0.5034+0.2032i	-0.0435-0.1112i	0.7102+0.7246i	-0.0993-0.3751i
46.8	-0.4258+0.3442i	-0.0509-0.0580i	1.2106+0.6272i	-0.5153+0.2070i	-0.0839-0.1168i	0.6017+0.7449i	-0.0035-0.3875i
46.9	-0.3611+0.3608i	-0.0790-0.0844i	1.2433+0.5667i	-0.4998+0.2031i	-0.1154-0.1444i	0.6480+0.7983i	0.0453-0.3911i
47.0	-0.3484+0.3528i	-0.0964-0.1008i	1.2217+0.5767i	-0.4912+0.1964i	-0.1328-0.1561i	0.6843+0.7756i	0.1021-0.3918i
47.1	-0.3826+0.3688i	-0.0998-0.1104i	1.1828+0.5937i	-0.4889+0.1938i	-0.1337-0.1643i	0.7040+0.7592i	0.1233-0.3866i
47.2	-0.3309+0.3383i	-0.1561-0.0885i	1.2490+0.5990i	-0.5118+0.1770i	-0.1903-0.1397i	0.6597+0.7173i	0.1966-0.3974i
47.3	-0.2955+0.3096i	-0.1914-0.0499i	1.2864+0.5373i	-0.5310+0.1942i	-0.2281-0.0970i	0.6219+0.7791i	0.2408-0.4553i
47.4	-0.2838+0.2865i	-0.1947-0.0240i	1.2123+0.5757i	-0.5191+0.1908i	-0.2277-0.0719i	0.7152+0.7393i	0.2906-0.4966i
47.5	-0.2877+0.3179i	-0.1847-0.0360i	1.2112+0.6708i	-0.5052+0.1788i	-0.2163-0.0868i	0.7636+0.6863i	0.3119-0.5093i
47.6	-0.2616+0.3370i	-0.1739-0.0712i	1.2653+0.7557i	-0.4980+0.1294i	-0.2024-0.1274i	0.7661+0.5961i	0.3025-0.4731i
47.7	-0.2136+0.3049i	-0.2042-0.0571i	1.4073+0.6617i	-0.5269+0.1355i	-0.2423-0.1097i	0.6817+0.6173i	0.3762-0.4910i
47.8	-0.2232+0.2482i	-0.2033-0.0192i	1.3484+0.4562i	-0.5395+0.1668i	-0.2409-0.0568i	0.7147+0.7342i	0.3953-0.5682i
47.9	-0.2758+0.2375i	-0.1733-0.0073i	1.1348+0.4992i	-0.5224+0.1657i	-0.2011-0.0418i	0.8553+0.6970i	0.3882-0.6154i
48.0	-0.2802+0.2713i	-0.1420-0.0273i	1.0865+0.6807i	-0.5207+0.1360i	-0.1662-0.0686i	0.8775+0.5581i	0.3940-0.6134i
48.1	-0.2724+0.2593i	-0.1172-0.0584i	1.1209+0.7588i	-0.5301+0.1417i	-0.1414-0.0975i	0.8481+0.4914i	0.4250-0.6602i
48.2	-0.2929+0.2866i	-0.1256-0.1182i	1.1779+0.8317i	-0.4996+0.1349i	-0.1409-0.1571i	0.8162+0.4344i	0.3726-0.6842i
48.3	-0.2691+0.3373i	-0.1638-0.1458i	1.2654+0.8945i	-0.4943+0.1206i	-0.1771-0.1930i	0.7555+0.3964i	0.3633-0.6519i
48.4	-0.2012+0.3555i	-0.2176-0.1445i	1.4051+0.8573i	-0.5095+0.1335i	-0.2392-0.1945i	0.6726+0.4450i	0.4149-0.6672i
48.5	-0.1996+0.3309i	-0.2118-0.1225i	1.3028+0.7701i	-0.4941+0.1307i	-0.2339-0.1663i	0.7775+0.4942i	0.4232-0.6948i
48.6	-0.2236+0.3714i	-0.1947-0.1692i	1.2026+0.9603i	-0.4774+0.0975i	-0.2079-0.2183i	0.8379+0.3411i	0.3740-0.6678i
48.7	-0.1440+0.3714i	-0.2663-0.1810i	1.4016+0.9958i	-0.5023+0.0697i	-0.2860-0.2372i	0.7391+0.2955i	0.4237-0.6497i
48.8	-0.0878+0.2814i	-0.3287-0.1210i	1.5159+0.7571i	-0.5285+0.0813i	-0.3558-0.1606i	0.6898+0.3949i	0.5107-0.6853i
48.9	-0.1580+0.2616i	-0.2899-0.0602i	1.2598+0.7346i	-0.5008+0.0890i	-0.3013-0.0977i	0.8263+0.3846i	0.5101-0.7654i
49.0	-0.1469+0.3298i	-0.2366-0.0848i	1.2645+0.9984i	-0.5063+0.0664i	-0.2491-0.1336i	0.8004+0.2237i	0.4805-0.7647i
49.1	-0.1248+0.3261i	-0.2308-0.1104i	1.3146+1.0849i	-0.5102+0.0518i	-0.2478-0.1649i	0.7741+0.1467i	0.4625-0.7901i
49.2	-0.0807+0.3840i	-0.2441-0.1840i	1.4693+1.2497i	-0.5101+0.0048i	-0.2660-0.2545i	0.6858+0.0219i	0.4618-0.7422i
49.3	-0.0536+0.3728i	-0.2726-0.1885i	1.6111+1.1754i	-0.5496+0.0310i	-0.3017-0.2536i	0.5584+0.0739i	0.4955-0.7355i
49.4	-0.0722+0.3193i	-0.3222-0.1858i	1.5680+1.1054i	-0.5583+0.0351i	-0.3411-0.2412i	0.5666+0.0938i	0.4768-0.7775i
49.5	-0.0675+0.3346i	-0.3494-0.1675i	1.5837+1.1745i	-0.5570+0.0228i	-0.3671-0.2279i	0.5388+0.0491i	0.4653-0.7991i
49.6	-0.0344+0.3920i	-0.3656-0.2090i	1.8092+1.3478i	-0.6003-0.0163i	-0.3904-0.2842i	0.3315-0.0797i	0.4612-0.7579i
49.7	-0.0278+0.3985i	-0.3835-0.2034i	1.9390+1.2158i	-0.6361+0.0138i	-0.4125-0.2735i	0.1970+0.0467i	0.4717-0.7306i

49.8	0.0214+0.3976i	-0.4272-0.1928i	1.9578+1.0593i	-0.6385+0.0255i	-0.4602-0.2601i	0.2177+0.2138i	0.5118-0.6929i
49.9	0.0596+0.3378i	-0.4541-0.1075i	1.8992+0.9403i	-0.6380+0.0622i	-0.4907-0.1664i	0.2801+0.3284i	0.5875-0.7730i
50.0	0.0596+0.3363i	-0.3930-0.1152i	1.9000+1.0705i	-0.6108+0.0254i	-0.4240-0.1796i	0.3412+0.2025i	0.5394-0.8069i
50.1	0.0884+0.3191i	-0.4348-0.1418i	1.9920+1.0027i	-0.6596+0.0068i	-0.4728-0.2044i	0.2760+0.1852i	0.5690-0.7698i
50.2	0.0905+0.3263i	-0.4607-0.1482i	1.9961+1.0188i	-0.6912+0.0017i	-0.5006-0.2163i	0.2450+0.1694i	0.5961-0.7725i
50.3	0.1055+0.3125i	-0.4740-0.1102i	2.0648+1.0067i	-0.7097+0.0453i	-0.5124-0.1762i	0.1459+0.2134i	0.6327-0.8073i
50.4	0.1111+0.2890i	-0.4663-0.0832i	2.0759+0.9415i	-0.7134+0.0636i	-0.5012-0.1460i	0.1219+0.2753i	0.6276-0.8527i
50.5	0.1374+0.2708i	-0.4760-0.0811i	2.1003+0.8603i	-0.7516+0.0897i	-0.5155-0.1414i	0.0768+0.3493i	0.6366-0.8337i
50.6	0.1682+0.2396i	-0.4958-0.0482i	2.1312+0.7573i	-0.7632+0.1655i	-0.5401-0.1014i	0.0468+0.4751i	0.7100-0.8971i
50.7	0.1534+0.2135i	-0.4742-0.0487i	2.0261+0.7839i	-0.7128+0.1875i	-0.5130-0.1000i	0.1595+0.4980i	0.7056-0.9866i
50.8	0.1438+0.2160i	-0.4811-0.0620i	2.0576+0.8956i	-0.6921+0.1817i	-0.5214-0.1153i	0.1628+0.4354i	0.6474-1.0351i
50.9	0.1384+0.2045i	-0.4841-0.0279i	2.1138+0.7953i	-0.6812+0.2016i	-0.5244-0.0787i	0.1479+0.5117i	0.6129-1.0537i
51.0	0.1066+0.2411i	-0.4320-0.0546i	1.9708+0.8664i	-0.6263+0.1820i	-0.4617-0.1107i	0.2941+0.4507i	0.5444-1.0546i
51.1	0.1754+0.3084i	-0.5022-0.1409i	2.1928+1.0342i	-0.6508+0.1233i	-0.5393-0.2096i	0.1404+0.3059i	0.5356-0.9500i
51.2	0.2518+0.2115i	-0.6169-0.0240i	2.3370+0.7064i	-0.7171+0.1723i	-0.6670-0.0804i	0.0021+0.5561i	0.6817-0.9992i
51.3	0.1554+0.1906i	-0.4809+0.0324i	1.9984+0.7837i	-0.6354+0.1828i	-0.5097-0.0223i	0.2792+0.5349i	0.5620-1.1331i
51.4	0.1725+0.2885i	-0.4466-0.0839i	2.2093+1.0860i	-0.6475+0.1027i	-0.4782-0.1589i	0.1587+0.2733i	0.4042-1.0306i
51.5	0.2901+0.3701i	-0.5316-0.1827i	2.5933+1.2154i	-0.7109+0.0569i	-0.5820-0.2732i	-0.1378+0.1671i	0.4536-0.8408i
51.6	0.4047+0.3457i	-0.6390-0.1606i	2.8341+1.0253i	-0.7715+0.0952i	-0.7083-0.2465i	-0.3447+0.3295i	0.5988-0.8043i
51.7	0.4896+0.1971i	-0.7066-0.0298i	2.8925+0.5660i	-0.8117+0.2145i	-0.7871-0.0908i	-0.3892+0.7508i	0.7727-0.9038i
51.8	0.4991+0.1069i	-0.7210+0.0179i	2.8444+0.3932i	-0.7946+0.2508i	-0.8073-0.0317i	-0.2997+0.9118i	0.8255-1.0033i
51.9	0.4640+0.0444i	-0.7048+0.0488i	2.7379+0.2931i	-0.7603+0.2586i	-0.7881+0.0065i	-0.1935+0.9732i	0.8095-1.0733i
52.0	0.3823+0.0316i	-0.6590+0.0486i	2.5498+0.3037i	-0.7145+0.2497i	-0.7232+0.0103i	-0.0365+0.9485i	0.6699-1.1582i
52.1	0.4127+0.0378i	-0.7101+0.0542i	2.6137+0.3670i	-0.7634+0.2292i	-0.7763+0.0098i	-0.1003+0.8900i	0.6563-1.1155i
52.2	0.5006-0.0314i	-0.7695+0.1451i	2.8200+0.1550i	-0.8012+0.2998i	-0.8450+0.1109i	-0.2589+1.0977i	0.7708-1.1447i
52.3	0.4664-0.1454i	-0.7305+0.2515i	2.6599-0.1567i	-0.7625+0.3777i	-0.8014+0.2296i	-0.0975+1.3681i	0.7856-1.2960i
52.4	0.3340-0.1402i	-0.6058+0.2278i	2.3154-0.0547i	-0.6685+0.3480i	-0.6583+0.1994i	0.2244+1.2517i	0.5817-1.3344i
52.5	0.3200-0.1192i	-0.6042+0.2005i	2.3593-0.0158i	-0.6927+0.3289i	-0.6585+0.1707i	0.1720+1.2185i	0.5144-1.2315i
52.6	0.3117-0.1771i	-0.5864+0.2601i	2.2372-0.1748i	-0.6622+0.3788i	-0.6390+0.2392i	0.3050+1.3897i	0.5551-1.3116i
52.7	0.2292-0.1485i	-0.4929+0.2459i	2.0025+0.0372i	-0.5802+0.3529i	-0.5301+0.2194i	0.5319+1.2332i	0.4329-1.3364i
52.8	0.2315-0.1251i	-0.4740+0.1994i	2.0576+0.1347i	-0.5667+0.3158i	-0.5159+0.1638i	0.5148+1.1422i	0.3785-1.3050i
52.9	0.2702-0.1401i	-0.5095+0.1716i	2.1451+0.0803i	-0.5577+0.3483i	-0.5610+0.1371i	0.4764+1.2192i	0.4037-1.3211i
53.0	0.3512-0.0512i	-0.6040+0.0971i	2.3557+0.2722i	-0.5832+0.2734i	-0.6629+0.0504i	0.3297+1.0643i	0.4615-1.1743i
53.1	0.4689-0.0994i	-0.7244+0.1480i	2.6255+0.0718i	-0.6755+0.2619i	-0.7992+0.1052i	0.1403+1.1983i	0.5685-1.1431i
53.2	0.5036-0.2449i	-0.7564+0.2534i	2.5861-0.1862i	-0.7177+0.3045i	-0.8349+0.2268i	0.2087+1.3810i	0.6528-1.2641i
53.3	0.4871-0.3309i	-0.7387+0.3276i	2.4377-0.2674i	-0.7001+0.3578i	-0.8168+0.3125i	0.3342+1.4590i	0.6938-1.3710i
53.4	0.3829-0.3953i	-0.6641+0.3830i	2.2519-0.2683i	-0.6555+0.3838i	-0.7359+0.3734i	0.5118+1.4432i	0.5790-1.4643i
53.5	0.2974-0.3433i	-0.5975+0.3470i	2.2434-0.1339i	-0.6372+0.3377i	-0.6612+0.3330i	0.5340+1.2912i	0.4496-1.4126i
53.6	0.3176-0.3057i	-0.5952+0.3047i	2.3398-0.1536i	-0.6680+0.3141i	-0.6560+0.2872i	0.4285+1.2998i	0.4511-1.3699i
53.7	0.2666-0.3526i	-0.5697+0.3289i	2.0674-0.3025i	-0.6608+0.3731i	-0.6254+0.3196i	0.6575+1.4261i	0.3540-1.4155i
53.8	0.2746-0.2924i	-0.5883+0.2745i	2.1186-0.0255i	-0.6400+0.3509i	-0.6478+0.2518i	0.6558+1.1980i	0.3311-1.3335i
53.9	0.3940-0.3665i	-0.7210+0.3795i	2.4995-0.2535i	-0.7535+0.4368i	-0.7985+0.3682i	0.3340+1.3738i	0.5391-1.3468i
54.0	0.3489-0.5003i	-0.6722+0.5221i	2.3267-0.5628i	-0.7192+0.5699i	-0.7483+0.5350i	0.4338+1.6781i	0.5670-1.5341i
54.1	0.2332-0.4891i	-0.5439+0.4979i	2.0365-0.5388i	-0.5893+0.5574i	-0.6038+0.5074i	0.7429+1.6781i	0.3809-1.6057i
54.2	0.1548-0.4223i	-0.4883+0.4187i	1.9672-0.3452i	-0.5390+0.4879i	-0.5406+0.4185i	0.8544+1.5003i	0.2139-1.5607i
54.3	0.2033-0.4395i	-0.5494+0.4411i	2.1056-0.3982i	-0.5736+0.4778i	-0.6026+0.4422i	0.7567+1.5270i	0.2546-1.5409i
54.4	0.1717-0.5194i	-0.5088+0.5331i	1.9764-0.5993i	-0.5390+0.5460i	-0.5576+0.5497i	0.8713+1.6929i	0.2243-1.6210i
54.5	0.0207-0.4439i	-0.3602+0.4702i	1.6273-0.5079i	-0.4282+0.5359i	-0.3862+0.4825i	1.1798+1.5781i	-0.0056-1.5683i
54.6	-0.0597-0.4459i	-0.2810+0.4640i	1.4976-0.4581i	-0.3491+0.5381i	-0.3000+0.4756i	1.3379+1.5266i	-0.1728-1.5944i
54.7	-0.0904-0.3579i	-0.2538+0.3697i	1.4748-0.2184i	-0.2990+0.4567i	-0.2689+0.3688i	1.3838+1.3412i	-0.3067-1.4995i
54.8	-0.0339-0.2555i	-0.3133+0.2800i	1.6337-0.0621i	-0.3237+0.3698i	-0.3327+0.2650i	1.2789+1.1796i	-0.3288-1.3050i
54.9	0.0261-0.3102i	-0.3798+0.3426i	1.7316-0.3072i	-0.3935+0.3981i	-0.4110+0.3386i	1.1941+1.3399i	-0.2771-1.2331i
55.0	0.0347-0.3380i	-0.3639+0.3663i	1.6219-0.3655i	-0.3776+0.4038i	-0.3936+0.3651i	1.2759+1.3586i	-0.2473-1.2233i
55.1	0.0196-0.3331i	-0.3381+0.3521i	1.5583-0.3140i	-0.3385+0.3792i	-0.3618+0.3499i	1.3313+1.2897i	-0.2665-1.1692i
55.2	-0.0207-0.2912i	-0.2938+0.3221i	1.4705-0.2463i	-0.3000+0.3658i	-0.3159+0.3173i	1.4251+1.2396i	-0.3560-1.0828i
55.3	-0.0421-0.3073i	-0.2993+0.3061i	1.4102-0.2267i	-0.3156+0.3365i	-0.3165+0.2971i	1.4642+1.1962i	-0.3778-1.0507i
55.4	-0.0450-0.3135i	-0.3124+0.2904i	1.4201-0.1508i	-0.3360+0.2992i	-0.3248+0.2836i	1.4474+1.1359i	-0.3370-1.0010i
55.5	-0.0090-0.2609i	-0.3365+0.2418i	1.4993-0.0696i	-0.3674+0.2682i	-0.3544+0.2277i	1.3824+1.0470i	-0.3123-0.9069i
55.6	0.0300-0.3195i	-0.3855+0.2910i	1.5527-0.2045i	-0.4091+0.3107i	-0.4119+0.2809i	1.3142+1.1612i	-0.2501-0.9171i
55.7	0.0087-0.3285i	-0.3654+0.3110i	1.4211-0.2089i	-0.3702+0.3340i	-0.3852+0.3003i	1.4129+1.1818i	-0.2278-0.9142i
55.8	-0.0414-0.2920i	-0.3195+0.2833i	1.3023-0.1408i	-0.3253+0.3131i	-0.3323+0.2680i	1.5112+1.1187i	-0.2935-0.8720i
55.9	-0.0736-0.2527i	-0.2923+0.2560i	1.2963-0.0555i	-0.2941+0.2862i	-0.3037+0.2374i	1.5535+1.0335i	-0.3390-0.8133i
56.0	-0.0353-0.2173i	-0.3202+0.2208i	1.3530+0.1038i	-0.3025+0.2300i	-0.3371+0.1971i	1.5199+0.9095i	-0.3124-0.7354i

56.1	0.0210−0.2292i	−0.3788+0.2249i	1.4790+0.0707i	−0.3671+0.2340i	−0.4060+0.2006i	1.4044+0.9452i	−0.2367−0.7056i
56.2	0.0095−0.2664i	−0.3674+0.2449i	1.3898−0.0033i	−0.3468+0.2490i	−0.3973+0.2262i	1.4673+1.0052i	−0.2431−0.7004i
56.3	−0.0255−0.2637i	−0.3490+0.2370i	1.3189+0.0421i	−0.3283+0.2255i	−0.3776+0.2148i	1.5161+0.9683i	−0.2759−0.6917i
56.4	−0.0440−0.2675i	−0.3362+0.2573i	1.3084+0.0845i	−0.3200+0.2428i	−0.3618+0.2405i	1.5600+0.9688i	−0.3169−0.6852i
56.5	−0.0215−0.2328i	−0.3523+0.2339i	1.3331+0.1336i	−0.3246+0.2228i	−0.3814+0.2174i	1.5478+0.9101i	−0.2952−0.6220i
56.6	−0.0121−0.2094i	−0.3529+0.2071i	1.3152+0.1610i	−0.3192+0.1806i	−0.3771+0.1937i	1.5728+0.8596i	−0.2804−0.5486i
56.7	−0.0075−0.2156i	−0.3513+0.1970i	1.3019+0.2048i	−0.3112+0.1486i	−0.3736+0.1819i	1.5759+0.8193i	−0.2890−0.5160i
56.8	−0.0158−0.1986i	−0.3503+0.1832i	1.2867+0.2418i	−0.3053+0.1391i	−0.3739+0.1656i	1.6048+0.7822i	−0.3149−0.4885i
56.9	−0.0101−0.1947i	−0.3714+0.1736i	1.3020+0.2691i	−0.3422+0.1129i	−0.3973+0.1549i	1.5888+0.7673i	−0.2941−0.4482i
57.0	0.0182−0.1839i	−0.3995+0.1558i	1.3535+0.3283i	−0.3768+0.0808i	−0.4277+0.1382i	1.5384+0.7437i	−0.2551−0.3842i
57.1	0.0330−0.1873i	−0.4227+0.1525i	1.3591+0.3774i	−0.3925+0.0722i	−0.4536+0.1381i	1.5215+0.7091i	−0.2532−0.3511i
57.2	0.0421−0.1731i	−0.4339+0.1387i	1.3992+0.4232i	−0.4027+0.0435i	−0.4656+0.1231i	1.4854+0.6506i	−0.2679−0.3044i
57.3	0.0509−0.1815i	−0.4380+0.1531i	1.4254+0.4018i	−0.4187+0.0513i	−0.4709+0.1370i	1.4739+0.6722i	−0.2480−0.2704i
57.4	0.0382−0.2006i	−0.4430+0.1613i	1.3821+0.3721i	−0.4452+0.0668i	−0.4708+0.1467i	1.5012+0.6946i	−0.2392−0.2481i
57.5	0.0416−0.2221i	−0.4560+0.1840i	1.3885+0.3951i	−0.4670+0.0778i	−0.4886+0.1720i	1.4800+0.6970i	−0.2325−0.2227i
57.6	0.0584−0.2121i	−0.4717+0.1695i	1.3583+0.4236i	−0.4682+0.0570i	−0.5054+0.1495i	1.4803+0.6681i	−0.2430−0.1989i
57.7	0.0483−0.2271i	−0.4807+0.1834i	1.3407+0.4413i	−0.4717+0.0816i	−0.5129+0.1648i	1.4797+0.6720i	−0.2416−0.1955i
57.8	0.0413−0.2215i	−0.4690+0.1824i	1.3470+0.4604i	−0.4698+0.0780i	−0.4925+0.1713i	1.4840+0.6686i	−0.2383−0.1373i
57.9	0.0581−0.2088i	−0.4837+0.1764i	1.3566+0.4945i	−0.4763+0.0666i	−0.5107+0.1635i	1.4668+0.6390i	−0.2114−0.0772i
58.0	0.0739−0.1937i	−0.5098+0.1541i	1.3185+0.5399i	−0.4891+0.0485i	−0.5402+0.1357i	1.4677+0.6171i	−0.2118−0.0314i
58.1	0.0662−0.2081i	−0.5194+0.1824i	1.3170+0.5853i	−0.4822+0.0657i	−0.5491+0.1691i	1.4489+0.6444i	−0.1966−0.0162i
58.2	0.0604−0.2353i	−0.5255+0.2329i	1.3344+0.6155i	−0.4803+0.0949i	−0.5537+0.2259i	1.4193+0.6755i	−0.1855+0.0056i
58.3	0.1195−0.2527i	−0.5680+0.2340i	1.3490+0.6528i	−0.5127+0.0546i	−0.6038+0.2300i	1.3604+0.6715i	−0.1374+0.0393i
58.4	0.0961−0.2339i	−0.5528+0.2228i	1.3055+0.6759i	−0.5079+0.0425i	−0.5868+0.2168i	1.3820+0.6867i	−0.1516+0.0806i
58.5	0.0721−0.2461i	−0.5170+0.2518i	1.3021+0.7217i	−0.4828+0.0552i	−0.5472+0.2504i	1.4055+0.6942i	−0.1695+0.1070i
58.6	0.0683−0.2580i	−0.5059+0.2680i	1.3011+0.7958i	−0.4825+0.0448i	−0.5338+0.2679i	1.4021+0.6935i	−0.1593+0.1295i
58.7	0.0889−0.2890i	−0.5162+0.2594i	1.3066+0.8574i	−0.5127+0.0246i	−0.5419+0.2571i	1.3372+0.7365i	−0.1391+0.1461i
58.8	0.0690−0.2738i	−0.4948+0.2443i	1.3100+0.9001i	−0.5171−0.0048i	−0.5126+0.2372i	1.3617+0.8017i	−0.1341+0.1783i
58.9	0.0602−0.2821i	−0.4848+0.2495i	1.3070+0.9693i	−0.5092−0.0281i	−0.5030+0.2487i	1.3629+0.8470i	−0.1385+0.2188i
59.0	0.0364−0.2947i	−0.4897+0.2329i	1.2901+1.0850i	−0.5041−0.0253i	−0.5028+0.2330i	1.3915+0.9446i	−0.1730+0.2455i
59.1	0.0053−0.2922i	−0.4599+0.2220i	1.3477+1.1564i	−0.5203−0.0728i	−0.4689+0.2131i	1.4336+0.9943i	−0.1912+0.2672i
59.2	−0.0494−0.3219i	−0.4591+0.2497i	1.3802+1.2324i	−0.5432−0.0665i	−0.4705+0.2391i	1.5014+1.0805i	−0.2347+0.2577i
59.3	−0.0699−0.3194i	−0.4671+0.2436i	1.4540+1.3374i	−0.5672−0.0885i	−0.4786+0.2338i	1.5690+1.1648i	−0.2692+0.2946i
59.4	−0.0859−0.3030i	−0.4780+0.2551i	1.5633+1.4603i	−0.6181−0.0797i	−0.4931+0.2442i	1.6894+1.2050i	−0.3092+0.3697i
59.5	−0.1323−0.2440i	−0.4686+0.2151i	1.6820+1.5363i	−0.6282−0.1046i	−0.4767+0.2012i	1.8376+1.1995i	−0.3767+0.4732i
59.6	−0.1564−0.1798i	−0.4604+0.1979i	1.8057+1.5762i	−0.6509−0.1089i	−0.4714+0.1820i	1.9917+1.1446i	−0.4186+0.5744i
59.7	−0.1411−0.1187i	−0.4756+0.1942i	1.9360+1.6024i	−0.6997−0.1289i	−0.4961+0.1755i	2.0809+1.0870i	−0.4247+0.6853i
59.8	−0.1381−0.0663i	−0.4831+0.1751i	2.0739+1.5773i	−0.6576−0.1154i	−0.5043+0.1534i	2.1670+1.0011i	−0.4303+0.7851i
59.9	−0.1296+0.0100i	−0.4557+0.1452i	2.1552+1.5282i	3.8137+4.5536i	−0.4841+0.1238i	2.2474+0.8850i	−0.4197+0.6865i
60.0	−0.1257+0.0491i	−0.4627+0.1636i	2.2035+1.4881i	3.1592−6.5919i	−0.4812+0.1402i	2.2708+0.8229i	−0.7127+1.0445i
60.1	−0.1038+0.0486i	−0.4555+0.1660i	2.2643+1.4199i	2.6076−4.1104i	−0.4745+0.1508i	2.2892+0.7498i	−0.6244+1.0756i
60.2	−0.0065+0.0780i	−0.5129+0.1382i	2.3529+1.4133i	−0.7172−0.2363i	−0.5456+0.1194i	2.2858+0.6359i	−0.3459+1.2182i
60.3	0.0367+0.1307i	−0.5134+0.1037i	2.3744+1.3960i	−0.8877−0.1404i	−0.5498+0.0786i	2.2880+0.5533i	−0.3150+1.2897i
60.4	0.0573+0.1670i	−0.5162+0.0794i	2.3783+1.3567i	−0.8819−0.1598i	−0.5542+0.0556i	2.2832+0.4989i	−0.3331+1.4024i
60.5	0.1119+0.1910i	−0.5114+0.0553i	2.4186+1.3448i	−0.9125−0.1524i	−0.5552+0.0349i	2.2639+0.4380i	−0.3130+1.5233i
60.6	0.1490+0.1994i	−0.5420+0.0664i	2.4774+1.3611i	−0.9373−0.1408i	−0.5851+0.0505i	2.2503+0.4059i	−0.2659+1.6082i
60.7	0.2083+0.2100i	−0.5658+0.0689i	2.5184+1.3442i	−0.9830−0.1301i	−0.6211+0.0520i	2.2285+0.3801i	−0.2049+1.7282i
60.8	0.2475+0.2260i	−0.5689+0.0314i	2.5428+1.3592i	−1.0262−0.1525i	−0.6330+0.0097i	2.1966+0.3555i	−0.2142+1.8675i
60.9	0.2650+0.2338i	−0.5634+0.0186i	2.5579+1.3423i	−1.0434−0.1311i	−0.6228+0.0025i	2.2025+0.3457i	−0.1767+1.9802i
61.0	0.3293+0.2240i	−0.6276+0.0112i	2.5755+1.3263i	−1.1012−0.1224i	−0.6889−0.0032i	2.1801+0.3359i	−0.0724+2.0811i
61.1	0.4125+0.2730i	−0.6512−0.0714i	2.6337+1.3086i	−1.1279−0.1409i	−0.7150−0.0910i	2.1873+0.2554i	−0.0078+2.1700i
61.2	0.4717+0.2739i	−0.7045−0.0934i	2.6467+1.3302i	−1.1820−0.1306i	−0.7807−0.1125i	2.1684+0.2156i	0.0511+2.2881i
61.3	0.5184+0.2859i	−0.7023−0.0898i	2.6986+1.3233i	−1.2128−0.1528i	−0.7736−0.1009i	2.2012+0.2197i	0.0903+2.4224i
61.4	0.5654+0.2755i	−0.7189−0.0653i	2.7088+1.3269i	−1.2594−0.1288i	−0.7933−0.0707i	2.2067+0.2263i	0.0983+2.5264i
61.5	0.6342+0.2465i	−0.7475−0.0488i	2.7343+1.3519i	−1.3069−0.0681i	−0.8348−0.0472i	2.1884+0.2478i	0.1508+2.6414i
61.6	0.6861+0.2241i	−0.7820−0.0463i	2.7622+1.3583i	−1.3499−0.0566i	−0.8775−0.0406i	2.1827+0.2652i	0.2019+2.7263i
61.7	0.7796+0.2109i	−0.8585−0.0952i	2.7900+1.3567i	−1.4291−0.0511i	−0.9638−0.0876i	2.1470+0.1930i	0.2885+2.8318i
61.8	0.8441+0.1878i	−0.8715−0.1244i	2.8208+1.3419i	−1.4714−0.0266i	−0.9838−0.1179i	2.1480+0.1290i	0.3124+2.9228i
61.9	0.9333+0.1331i	−0.9168−0.0800i	2.8809+1.3868i	−1.5328+0.0549i	−1.0357−0.0588i	2.1923+0.1329i	0.4308+3.1363i
62.0	1.0186+0.0822i	−0.9673−0.0747i	2.9473+1.3969i	−1.6112+0.0954i	−1.0932−0.0448i	2.1847+0.0952i	0.5318+3.2865i
62.1	1.0661+0.0096i	−0.9863−0.0493i	2.9913+1.3725i	−1.6568+0.1673i	−1.1159−0.0074i	2.1678+0.0894i	0.6095+3.3986i
62.2	1.1118−0.0578i	−0.9970−0.0113i	3.0379+1.3884i	−1.7000+0.2220i	−1.1240+0.0443i	2.2066+0.0730i	0.7779+3.6028i
62.3	1.1691−0.1293i	−1.0446+0.0020i	3.0782+1.4132i	−1.7440+0.3001i	−1.1757+0.0787i	2.1748+0.0603i	0.8937+3.7288i

62.4	1.2031-0.1773i	-1.0305+0.0243i	3.1172+1.4466i	-1.7704+0.3584i	-1.1661+0.1172i	2.2174+0.0421i	0.9883+3.9163i
62.5	1.2208-0.2251i	-1.0427+0.0268i	3.1478+1.4464i	-1.7771+0.3980i	-1.1845+0.1275i	2.2247+0.0134i	1.0583+3.9777i
62.6	1.2608-0.2971i	-1.0986+0.0222i	3.2023+1.4648i	-1.8168+0.4803i	-1.2407+0.1372i	2.1829+0.0216i	1.1922+4.1449i
62.7	1.3371-0.3836i	-1.1062+0.0288i	3.2594+1.4816i	-1.8465+0.5537i	-1.2515+0.1625i	2.2243-0.0368i	1.4303+4.4147i
62.8	1.3185-0.4809i	-1.1224+0.0290i	3.3133+1.4520i	-1.8545+0.6466i	-1.2605+0.1766i	2.2172-0.0677i	1.5555+4.4881i
62.9	1.3484-0.5309i	-1.1693+0.0084i	3.3605+1.4732i	-1.8905+0.7058i	-1.3077+0.1691i	2.2085-0.0876i	1.6486+4.6581i
63.0	1.3911-0.5798i	-1.1933+0.0147i	3.4215+1.5279i	-1.9140+0.7726i	-1.3313+0.1897i	2.2175-0.1047i	1.8196+4.8750i
63.1	1.4071-0.6350i	-1.2545-0.0297i	3.4740+1.5373i	-1.8983+0.8270i	-1.3824+0.1527i	2.2096-0.1114i	1.9156+5.0635i
63.2	1.4106-0.7453i	-1.2424-0.0432i	3.5538+1.5981i	-1.9020+0.9526i	-1.3678+0.1748i	2.2157-0.1337i	2.2541+5.3109i
63.3	1.3952-0.8615i	-1.2581-0.0430i	3.6447+1.6076i	-1.8712+1.0442i	-1.3677+0.1979i	2.2318-0.2125i	2.6054+5.4324i
63.4	1.3979-0.9354i	-1.3226-0.0721i	3.7283+1.5837i	-1.8319+1.1288i	-1.4241+0.1873i	2.2131-0.2207i	2.7237+5.5548i
63.5	1.3776-1.0015i	-1.3479-0.0877i	3.8378+1.6049i	-1.7735+1.2038i	-1.4243+0.1860i	2.2272-0.2565i	3.0749+5.7603i
63.6	1.3534-1.0665i	-1.4027-0.1055i	3.9153+1.6599i	-1.7402+1.2514i	-1.4683+0.1846i	2.2154-0.3135i	3.3804+5.8961i
63.7	1.3332-1.1180i	-1.4645-0.1492i	3.9723+1.7138i	-1.7087+1.3197i	-1.5248+0.1560i	2.1765-0.3098i	3.6225+6.0296i
63.8	1.3024-1.1770i	-1.5200-0.1631i	4.0488+1.7052i	-1.6649+1.3713i	-1.5592+0.1598i	2.1342-0.3234i	3.9912+6.1382i
63.9	1.2864-1.2447i	-1.6388-0.1611i	4.2206+1.7349i	-1.6406+1.4276i	-1.6544+0.1853i	2.0789-0.3383i	4.4338+6.2590i
64.0	1.3177-1.3090i	-1.7729-0.1398i	4.3750+1.7776i	-1.6170+1.4725i	-1.7704+0.2210i	2.0828-0.3909i	4.7344+6.5252i
64.1	1.2738-1.3471i	-1.9481-0.0268i	4.4496+1.7117i	-1.5588+1.4950i	-1.9255+0.3267i	2.0682-0.3016i	4.8747+6.6487i
64.2	1.2732-1.3740i	-2.0268+0.0067i	4.5983+1.7237i	-1.5410+1.5000i	-1.9825+0.3720i	2.0246-0.2913i	5.3811+6.7024i
64.3	1.3065-1.4143i	-2.1468+0.0159i	4.7491+1.7316i	-1.5447+1.4995i	-2.0834+0.3887i	1.9986-0.3293i	5.8240+6.8773i
64.4	1.2735-1.4881i	-2.1427+0.0706i	4.9018+1.6829i	-1.5218+1.5639i	-2.0577+0.4593i	1.9694-0.3337i	6.3019+6.7624i
64.5	1.2591-1.5750i	-2.1419+0.1265i	5.0577+1.6440i	-1.4838+1.6411i	-2.0333+0.5256i	1.9302-0.3344i	6.7975+6.6330i
64.6	1.2548-1.6360i	-2.2196+0.2188i	5.1770+1.5312i	-1.4492+1.6845i	-2.0931+0.6179i	1.9301-0.2897i	7.1093+6.6872i
64.7	1.2955-1.7072i	-2.3208+0.2655i	5.3236+1.5105i	-1.4681+1.7242i	-2.1744+0.6775i	1.9477-0.2776i	7.5553+6.8802i
64.8	1.3033-1.7933i	-2.3575+0.3120i	5.4581+1.4608i	-1.4592+1.8126i	-2.1901+0.7412i	1.9136-0.2091i	7.9970+6.9055i
64.9	1.2702-1.8986i	-2.3854+0.3838i	5.5877+1.3434i	-1.3647+1.8931i	-2.1797+0.8203i	1.9321-0.1722i	8.4591+6.8308i
65.0	1.1856-1.9733i	-2.3774+0.3342i	5.6902+1.2990i	-1.2724+1.9292i	-2.1324+0.7787i	1.9323-0.1914i	8.8178+6.5312i
65.1	1.1231-2.0724i	-2.4513+0.3095i	5.8647+1.2100i	-1.1762+1.9976i	-2.1678+0.7664i	1.9320-0.1672i	9.3393+6.3307i
65.2	1.0551-2.1606i	-2.5975+0.2477i	6.0482+1.1107i	-1.1095+1.9860i	-2.2586+0.7084i	1.8674-0.1633i	9.9817+6.0838i
65.3	1.0114-2.2245i	-2.6824+0.3604i	6.1050+1.0180i	-1.0307+1.9870i	-2.3172+0.8147i	1.9097-0.0893i	10.4386+6.0432i
65.4	0.9455-2.3044i	-2.7288+0.4668i	6.2452+0.9042i	-0.9486+1.9848i	-2.3262+0.9115i	2.0104-0.0460i	10.9657+5.9492i
65.5	0.8693-2.3396i	-2.7747+0.4420i	6.3187+0.7751i	-0.9017+1.9709i	-2.3466+0.8754i	2.0674-0.0352i	11.3281+5.7061i
65.6	0.8007-2.4256i	-2.9689+0.3912i	6.4928+0.6510i	-0.8418+1.9495i	-2.4865+0.8110i	2.1080-0.0796i	12.0143+5.4702i
65.7	0.7155-2.4561i	-3.2040+0.3834i	6.6214+0.5312i	-0.7996+1.9188i	-2.6694+0.7906i	2.1517-0.0562i	12.4029+5.0957i
65.8	0.6377-2.5038i	-3.4549+0.4774i	6.7844+0.4233i	-0.7902+1.9113i	-2.8745+0.8700i	2.1711-0.0079i	12.9190+4.6253i
65.9	0.5471-2.5466i	-3.5205+0.7467i	6.8453+0.2072i	-0.7539+1.8980i	-2.9183+1.0970i	2.2812+0.0016i	13.5423+4.2933i
66.0	0.4950-2.5481i	-3.7728+0.9170i	7.0152+0.0952i	-0.7792+1.8803i	-3.1319+1.2442i	2.3293+0.0139i	13.8343+3.8804i
66.1	0.4233-2.5705i	-4.0382+1.0170i	7.1374-0.0398i	-0.7628+1.8220i	-3.3499+1.3140i	2.3081-0.0361i	14.2304+3.3818i
66.2	0.3754-2.5596i	-4.2493+1.2313i	7.2758-0.2206i	-0.7603+1.8173i	-3.5198+1.4943i	2.3852-0.0426i	14.5282+2.9346i
66.3	0.3282-2.5820i	-4.4037+1.4925i	7.3681-0.3975i	-0.7672+1.8304i	-3.6435+1.7152i	2.4666-0.0484i	14.9529+2.4595i
66.4	0.2604-2.6204i	-4.5109+1.8581i	7.4605-0.6456i	-0.7965+1.8460i	-3.7290+2.0328i	2.5136-0.0555i	15.4462+1.8065i
66.5	0.2074-2.6434i	-4.6171+2.2035i	7.6312-0.9179i	-0.8155+1.8780i	-3.7971+2.3271i	2.5777-0.1492i	15.7829+1.1870i
66.6	0.1705-2.6442i	-4.8203+2.5497i	7.7414-1.1685i	-0.8727+1.9097i	-3.9660+2.6171i	2.6040-0.1848i	16.0247+0.5430i
66.7	0.1542-2.6819i	-5.0346+2.8827i	7.9337-1.4089i	-0.9485+1.9542i	-4.1428+2.8987i	2.6375-0.2390i	16.2601-0.0644i
66.8	0.1242-2.6763i	-4.9352+3.1116i	7.9862-1.5693i	-0.8892+1.9893i	-4.0265+3.0864i	2.7610-0.3132i	16.4114-0.3998i
66.9	0.0783-2.6900i	-4.7252+3.3374i	7.8638-1.7947i	-0.8815+1.9884i	-3.8244+3.2622i	2.8538-0.4963i	16.6606-0.9787i
67.0	0.0711-2.7235i	-4.6115+3.5828i	7.7988-1.9751i	-0.9186+2.0193i	-3.7326+3.4662i	2.8897-0.6126i	16.8657-1.5066i
67.1	0.0045-2.7625i	-4.5904+4.0618i	7.8404-2.3037i	-0.9276+2.1227i	-3.7156+3.8668i	2.8049-0.6529i	16.8071-2.4220i
67.2	-0.0367-2.8029i	-4.5293+4.3815i	7.8726-2.5297i	-0.9216+2.1945i	-3.6482+4.1339i	2.8283-0.7504i	17.0305-3.0817i
67.3	-0.0294-2.8715i	-4.4743+4.5992i	7.9778-2.7119i	-0.9056+2.2650i	-3.5779+4.3169i	2.9173-0.8936i	17.2807-3.4715i
67.4	-0.0702-2.9619i	-4.3342+5.1669i	8.0774-3.1513i	-0.8715+2.4226i	-3.4418+4.7902i	2.8231-0.9737i	17.1116-4.3991i
67.5	-0.1510-3.0145i	-4.0466+5.5252i	7.9508-3.4944i	-0.8192+2.4998i	-3.2006+5.0808i	2.7010-1.0522i	16.9722-5.3623i
67.6	-0.2155-3.0535i	-3.8222+5.7642i	7.8717-3.7414i	-0.7662+2.5499i	-3.0080+5.2743i	2.6089-1.1321i	16.8770-5.9757i
67.7	-0.3184-3.1451i	-3.5600+6.1219i	7.8347-4.0993i	-0.6765+2.6591i	-2.7719+5.5798i	2.5222-1.2046i	16.7584-6.8977i
67.8	-0.3605-3.2098i	-3.3948+6.2475i	7.7662-4.2380i	-0.6335+2.6991i	-2.6217+5.6856i	2.5107-1.2502i	16.7515-7.3511i
67.9	-0.4895-3.3059i	-3.0114+6.6204i	7.6886-4.7512i	-0.5377+2.7974i	-2.2770+5.9853i	2.4186-1.2693i	16.3101-8.1920i
68.0	-0.5988-3.3568i	-2.6966+6.9070i	7.5619-5.0966i	-0.4574+2.8629i	-2.0088+6.2210i	2.3037-1.2021i	15.9869-8.9617i
68.1	-0.7203-3.4262i	-2.4709+7.1059i	7.4275-5.4173i	-0.4196+2.9017i	-1.8195+6.3794i	2.1781-1.2046i	15.7764-9.6458i
68.2	-0.8459-3.4296i	-2.1168+7.2263i	7.1486-5.6853i	-0.3386+2.9318i	-1.5205+6.4720i	2.0675-1.1592i	15.1759-10.1606i
68.3	-0.9446-3.4805i	-1.8283+7.3835i	6.9419-5.9486i	-0.2674+2.9796i	-1.2757+6.6077i	2.0651-1.1506i	14.7669-10.6674i
68.4	-1.1157-3.5180i	-1.4216+7.6754i	6.6324-6.4068i	-0.1833+3.0615i	-0.9331+6.8523i	2.0003-1.0342i	14.2077-11.4412i
68.5	-1.2533-3.5009i	-1.0334+7.8001i	6.2927-6.7141i	-0.0736+3.0981i	-0.5994+6.9421i	2.0156-0.9479i	13.5296-11.8320i
68.6	-1.3943-3.5127i	-0.7213+7.9156i	5.9997-6.8754i	-0.0085+3.1729i	-0.3312+7.0519i	2.0051-0.9238i	13.1828-12.3135i

68.7	-1.4678-3.4935i	-0.4075+7.9039i	5.7378-6.9670i	0.0595+3.2077i	-0.0594+7.0406i	2.0665-0.9146i	12.6936-12.4899i
68.8	-1.6081-3.4703i	0.0296+7.9229i	5.3551-7.0776i	0.1811+3.2620i	0.3150+7.0544i	2.0590-0.8857i	12.0235-12.8503i
68.9	-1.7543-3.4451i	0.4232+8.0008i	4.9968-7.1808i	0.3142+3.3113i	0.6595+7.1306i	2.0730-0.8155i	11.3843-13.2642i
69.0	-1.9191-3.4822i	0.8203+8.1084i	4.6361-7.3352i	0.4358+3.3890i	1.0143+7.2314i	2.0971-0.7899i	10.8205-13.5889i
69.1	-2.0440-3.3972i	1.2124+7.9844i	4.2633-7.3907i	0.5699+3.3804i	1.3573+7.1088i	2.1475-0.7693i	10.1396-13.5318i
69.2	-2.1924-3.2719i	1.6409+7.8308i	3.8671-7.3825i	0.7339+3.3650i	1.7376+6.9645i	2.2034-0.7220i	9.3580-13.5833i
69.3	-2.3286-3.1497i	2.0417+7.6634i	3.5473-7.3882i	0.8788+3.3744i	2.0921+6.7973i	2.2933-0.7107i	8.8054-13.6701i
69.4	-2.3735-2.9978i	2.3310+7.3937i	3.2202-7.2848i	1.0168+3.3145i	2.3316+6.5310i	2.3897-0.6867i	8.2817-13.4200i
69.5	-2.4432-2.9062i	2.6509+7.2118i	2.9115-7.1997i	1.1855+3.2422i	2.5954+6.3599i	2.4781-0.7384i	7.7685-13.3850i
69.6	-2.5070-2.8775i	2.9025+7.0741i	2.6512-7.1503i	1.3110+3.1820i	2.7959+6.2439i	2.5142-0.8582i	7.3340-13.4266i
69.7	-2.4966-2.8104i	2.9998+6.9107i	2.3874-7.0567i	1.3371+3.1515i	2.8393+6.0981i	2.5087-0.9145i	6.9870-13.3763i
69.8	-2.5021-2.6881i	3.2165+6.6109i	2.0843-6.8095i	1.4447+3.0623i	3.0025+5.8463i	2.6056-0.9824i	6.3966-12.9489i
69.9	-2.5431-2.6488i	3.4360+6.5139i	1.8541-6.7434i	1.5595+3.0443i	3.1770+5.7775i	2.5921-1.0308i	6.0794-12.9750i
70.0	-2.5215-2.6464i	3.5380+6.4544i	1.6783-6.6608i	1.6190+3.0397i	3.2469+5.7426i	2.6028-1.1017i	5.8398-12.8500i
70.1	-2.5395-2.6235i	3.7077+6.2999i	1.4425-6.5146i	1.7131+3.0017i	3.3729+5.6315i	2.5480-1.1291i	5.5251-12.6553i
70.2	-2.6031-2.5641i	3.9327+6.0790i	1.2119-6.3173i	1.8298+2.9168i	3.5663+5.4764i	2.5604-1.1103i	5.1589-12.3159i
70.3	-2.6142-2.5796i	4.0576+5.9542i	1.0272-6.1622i	1.9152+2.8802i	3.6725+5.4056i	2.5673-1.2270i	4.9934-12.0053i
70.4	-2.6641-2.5707i	4.2259+5.8107i	0.8912-5.9985i	2.0030+2.8076i	3.8265+5.3043i	2.5175-1.2536i	4.8435-11.8808i
70.5	-2.7209-2.5665i	4.3970+5.6701i	0.7490-5.8415i	2.0947+2.7550i	3.9890+5.2117i	2.4849-1.2987i	4.6828-11.7611i
70.6	-2.8041-2.5962i	4.5534+5.5928i	0.6569-5.7541i	2.1800+2.7263i	4.1363+5.1753i	2.4901-1.3325i	4.6998-11.7233i
70.7	-2.8903-2.5860i	4.7023+5.4257i	0.6276-5.5930i	2.2659+2.6360i	4.2984+5.0477i	2.5318-1.3943i	4.7240-11.5732i
70.8	-2.9707-2.5441i	4.8573+5.2308i	0.4545-5.4436i	2.3428+2.5448i	4.4559+4.8925i	2.5208-1.4353i	4.5611-11.4330i
70.9	-3.0244-2.5098i	4.9871+5.0094i	0.3228-5.1806i	2.4272+2.4483i	4.5906+4.7277i	2.5814-1.4483i	4.4557-11.1600i
71.0	-3.0882-2.5083i	5.1113+4.8856i	0.2669-4.9106i	2.4958+2.3994i	4.7178+4.6559i	2.6123-1.4166i	4.4570-10.9446i
71.1	-3.1985-2.4995i	5.2658+4.7721i	0.2262-4.7813i	2.5655+2.3408i	4.8798+4.5728i	2.6146-1.4585i	4.4547-11.0247i
71.2	-3.2783-2.5284i	5.3711+4.6737i	0.2045-4.5473i	2.6321+2.2859i	5.0033+4.5196i	2.5903-1.4477i	4.4713-11.0513i
71.3	-3.3448-2.4812i	5.4712+4.4613i	0.1420-4.3695i	2.6813+2.1822i	5.1087+4.3422i	2.6006-1.5392i	4.3487-10.9432i
71.4	-3.4711-2.4447i	5.6258+4.2529i	0.0951-4.2156i	2.7556+2.0711i	5.2855+4.1650i	2.5806-1.6636i	4.2049-10.9687i
71.5	-3.5830-2.4049i	5.7118+4.0565i	0.1178-4.0953i	2.7874+1.9736i	5.4031+3.9960i	2.5738-1.7892i	4.2593-10.9051i
71.6	-3.7023-2.3268i	5.8042+3.8035i	0.1889-3.9270i	2.8283+1.8593i	5.5310+3.7697i	2.6000-1.8231i	4.2692-10.8053i
71.7	-3.8537-2.2743i	5.9700+3.6364i	0.2957-3.7627i	2.9048+1.7917i	5.7299+3.6365i	2.5595-1.8361i	4.2107-10.9419i
71.8	-4.0154-2.2225i	6.1224+3.5154i	0.3991-3.6058i	2.9607+1.7520i	5.9032+3.5453i	2.5032-1.8498i	4.2795-11.0023i
71.9	-4.1687-2.1299i	6.2565+3.2576i	0.4380-3.5049i	3.0286+1.6213i	6.0722+3.3096i	2.5012-1.9338i	4.1759-11.1002i
72.0	-4.2793-2.0251i	6.3151+3.0259i	0.5472-3.3600i	3.0723+1.5229i	6.1748+3.1003i	2.5254-1.9456i	4.1248-11.1195i
72.1	-4.3838-1.8497i	6.3364+2.7336i	0.6257-3.2806i	3.0813+1.4138i	6.2361+2.8197i	2.4736-2.0195i	4.0976-11.1400i
72.2	-4.4932-1.7158i	6.4062+2.5203i	0.7350-3.2667i	3.1107+1.3235i	6.3461+2.6070i	2.4700-2.0857i	3.9934-11.2955i
72.3	-4.5803-1.5841i	6.4183+2.3032i	0.9061-3.2545i	3.1090+1.2138i	6.4014+2.3727i	2.4734-2.1442i	3.9013-11.3757i
72.4	-4.5746-1.4769i	6.2915+2.1727i	1.0186-3.1826i	3.0442+1.1701i	6.2990+2.2474i	2.4296-2.1106i	3.9448-11.3270i
72.5	-4.6837-1.3486i	6.3543+2.0189i	1.0880-3.1974i	3.0961+1.1367i	6.3883+2.0965i	2.3539-2.1401i	3.8762-11.4776i
72.6	-4.7809-1.1356i	6.4064+1.7532i	1.1598-3.2932i	3.1631+1.0118i	6.4877+1.8122i	2.3587-2.2576i	3.5806-11.4523i
72.7	-4.8544-0.9638i	6.5047+1.5333i	1.2717-3.2700i	3.2600+0.9289i	6.6247+1.5914i	2.4326-2.1755i	3.5659-11.6020i
72.8	-4.9103-0.8524i	6.5431+1.3961i	1.3903-3.3103i	3.2939+0.8667i	6.6914+1.4394i	2.4470-2.2285i	3.5392-11.7567i
72.9	-4.9243-0.6880i	6.5011+1.2099i	1.4262-3.3577i	3.2876+0.7743i	6.6743+1.2330i	2.3880-2.2788i	3.5035-11.6762i
73.0	-4.9257-0.5135i	6.4985+0.9925i	1.4622-3.4211i	3.3247+0.6789i	6.7055+1.0025i	2.4037-2.3271i	3.2867-11.7840i
73.1	-4.8584-0.3072i	6.3944+0.7103i	1.4729-3.5028i	3.3260+0.5276i	6.6283+0.6983i	2.4486-2.4468i	3.0337-11.7274i
73.2	-4.8447-0.1762i	6.3548+0.5679i	1.4381-3.5747i	3.3164+0.4610i	6.5966+0.5373i	2.3497-2.4970i	3.0612-11.7321i
73.3	-4.8723+0.0034i	6.3692+0.3652i	1.4497-3.6817i	3.3405+0.3612i	6.6313+0.3079i	2.3391-2.6021i	2.8984-11.7906i
73.4	-4.8701+0.1828i	6.3587+0.1815i	1.5244-3.7985i	3.3835+0.2706i	6.6574+0.0996i	2.3958-2.6935i	2.7733-12.0040i
73.5	-4.7909+0.2502i	6.3003+0.1013i	1.5218-3.8418i	3.4017+0.2365i	6.6143+0.0139i	2.3943-2.7114i	2.8282-12.0076i
73.6	-4.7688+0.4127i	6.2981-0.1241i	1.4067-3.8983i	3.4378+0.1089i	6.6224-0.2358i	2.2960-2.8379i	2.7202-12.0845i
73.7	-4.7018+0.5247i	6.2247-0.3113i	1.3323-3.9576i	3.4390-0.0414i	6.5600-0.4686i	2.1587-2.9857i	2.5842-12.0787i
73.8	-4.6624+0.6787i	6.1621-0.5465i	1.3353-4.0549i	3.4226-0.1948i	6.5133-0.7351i	2.1086-3.1100i	2.4004-12.1448i
73.9	-4.6602+0.8636i	6.1354-0.8314i	1.3611-4.2346i	3.4340-0.3757i	6.5085-1.0752i	2.0749-3.3513i	2.1914-12.2576i
74.0	-4.5685+0.9887i	6.0243-1.0349i	1.2910-4.3336i	3.4170-0.5015i	6.4142-1.3135i	2.0014-3.4118i	1.9334-12.3548i
74.1	-4.5251+1.0712i	5.9454-1.1535i	1.1720-4.4537i	3.4049-0.5976i	6.3374-1.4769i	1.8650-3.5002i	1.7894-12.4616i
74.2	-4.4449+1.1160i	5.8023-1.2378i	1.1357-4.3471i	3.3425-0.6706i	6.1990-1.5763i	1.8232-3.4120i	1.7653-12.3508i
74.3	-4.3366+1.2237i	5.6305-1.4192i	1.0149-4.3391i	3.2585-0.8238i	5.9991-1.8001i	1.6839-3.4617i	1.6193-12.1890i
74.4	-4.2649+1.2706i	5.5364-1.5117i	0.8091-4.5095i	3.2216-0.9219i	5.8807-1.9519i	1.4503-3.6496i	1.3965-12.1996i
74.5	-4.2577+1.3859i	5.4923-1.6876i	0.7528-4.5955i	3.1951-1.0635i	5.8190-2.1703i	1.3563-3.7428i	1.3943-12.2704i
74.6	-4.2718+1.5038i	5.4473-1.8062i	0.7548-4.6167i	3.1714-1.1488i	5.7614-2.3105i	1.3042-3.8131i	1.5061-12.3155i
74.7	-4.1513+1.5710i	5.2543-1.9109i	0.5868-4.6236i	3.0589-1.2533i	5.5458-2.4461i	1.1724-3.8824i	1.3555-12.1467i
74.8	-4.0825+1.6516i	5.1303-2.0226i	0.4023-4.4951i	2.9992-1.3333i	5.3977-2.5485i	0.9703-3.7879i	1.2745-12.1625i
74.9	-4.0482+1.7124i	5.0774-2.0944i	0.2489-4.5687i	2.9571-1.3972i	5.3044-2.6443i	0.7367-3.8855i	1.4342-12.3218i

75.0	-3.9671+1.8072i	4.9090-2.2202i	0.1860-4.5888i	2.8420-1.5128i	5.1123-2.7947i	0.6408-3.9357i	1.3469-12.3168i
75.1	-3.9304+1.9109i	4.8513-2.3604i	0.0218-4.5532i	2.8010-1.6044i	5.0235-2.9473i	0.4264-3.8927i	1.2180-12.4633i
75.2	-3.7251+1.9796i	4.5939-2.4277i	-0.1879-4.5676i	2.6308-1.6677i	4.7141-3.0447i	0.1775-3.9659i	1.1260-12.3293i
75.3	-3.6383+2.0074i	4.4811-2.4709i	-0.3272-4.5170i	2.5713-1.7473i	4.5760-3.1032i	-0.0011-3.9979i	1.1051-12.3417i
75.4	-3.6243+2.2015i	4.4263-2.7045i	-0.4769-4.5562i	2.5088-1.9119i	4.4879-3.3546i	-0.2280-4.0465i	0.9750-12.6610i
75.5	-3.5198+2.2699i	4.2622-2.8014i	-0.7092-4.4754i	2.3817-1.9814i	4.2750-3.4416i	-0.5702-3.9692i	0.7805-12.7924i
75.6	-3.5026+2.2666i	4.2373-2.7883i	-0.6654-4.4456i	2.3510-1.9832i	4.2452-3.4244i	-0.6478-3.9011i	0.8811-13.0800i
75.7	-3.3940+2.2733i	4.0935-2.8484i	-0.9080-4.0313i	2.2378-2.0097i	4.0530-3.4188i	-1.0276-3.4651i	0.7482-13.1471i
75.8	-3.3501+2.3394i	4.0205-2.9228i	-1.0828-3.9882i	2.1615-2.0600i	3.9348-3.4891i	-1.3050-3.3972i	0.6606-13.2490i
75.9	-3.2405+2.3608i	3.8612-2.9588i	-1.1196-3.7932i	2.0487-2.0816i	3.7619-3.5013i	-1.4134-3.1100i	0.4669-13.3005i
76.0	-3.0775+2.4749i	3.6354-3.0828i	-1.2864-3.8066i	1.9112-2.1461i	3.5102-3.6377i	-1.6201-3.0335i	0.0932-13.3886i
76.1	-3.0347+2.4540i	3.5497-3.0781i	-1.2995-3.6270i	1.8508-2.1537i	3.4228-3.6092i	-1.6684-2.8350i	0.1046-13.5062i
76.2	-2.9812+2.4722i	3.4740-3.1241i	-1.3148-3.4645i	1.8028-2.1995i	3.3356-3.6326i	-1.7581-2.6476i	0.0022-13.7214i
76.3	-2.8944+2.5091i	3.3580-3.2000i	-1.3616-3.3379i	1.7147-2.2550i	3.2082-3.6907i	-1.8630-2.4592i	-0.2287-13.8636i
76.4	-2.7874+2.5485i	3.2324-3.2606i	-1.4834-3.1811i	1.6233-2.2886i	3.0590-3.7347i	-2.0966-2.2133i	-0.5373-14.0207i
76.5	-2.7114+2.5370i	3.1249-3.2387i	-1.4854-3.0361i	1.5785-2.2514i	2.9457-3.6918i	-2.1340-1.9293i	-0.6538-14.1362i
76.6	-2.6190+2.4819i	2.9860-3.2106i	-1.6140-2.7958i	1.4953-2.2597i	2.7760-3.6269i	-2.2653-1.5631i	-0.9103-14.4121i
76.7	-2.5227+2.5117i	2.8307-3.2399i	-1.7581-2.6651i	1.3652-2.2776i	2.5875-3.6343i	-2.4222-1.3583i	-1.2614-14.4912i
76.8	-2.4307+2.5452i	2.7025-3.3012i	-1.7192-2.6491i	1.2819-2.3385i	2.4547-3.7012i	-2.3914-1.3103i	-1.5627-14.6023i
76.9	-2.4442+2.5036i	2.6969-3.3001i	-1.6297-2.3630i	1.2731-2.3465i	2.4716-3.6591i	-2.3379-0.9232i	-1.7315-14.9260i
77.0	-2.4084+2.4867i	2.6046-3.2873i	-1.5508-2.1748i	1.1956-2.3234i	2.4004-3.6102i	-2.2627-0.6081i	-2.0638-14.9552i
77.1	-2.3352+2.4210i	2.4768-3.2133i	-1.4114-1.8940i	1.1341-2.2670i	2.3032-3.4880i	-2.1032-0.1599i	-2.6294-14.9272i
77.2	-2.3257+2.4330i	2.4470-3.2249i	-1.3989-1.8730i	1.1203-2.2779i	2.2688-3.4942i	-2.1202-0.0097i	-2.8581-15.0059i
77.3	-2.3564+2.4858i	2.3812-3.2783i	-1.2865-1.7873i	1.0531-2.3089i	2.2267-3.5287i	-1.9825+0.2327i	-3.2380-14.9100i
77.4	-2.3288+2.5413i	2.2904-3.3166i	-1.1264-1.6985i	0.9792-2.3254i	2.1746-3.5685i	-1.6949+0.4697i	-3.6666-14.7852i
77.5	-2.2763+2.5139i	2.1708-3.2916i	-1.0878-1.4864i	0.9135-2.3288i	2.0633-3.5171i	-1.5145+0.7667i	-4.0609-14.4474i
77.6	-2.2459+2.5565i	2.0952-3.4014i	-0.9993-1.4254i	0.8902-2.4361i	2.0060-3.6088i	-1.3227+0.9583i	-4.4660-14.7088i
77.7	-2.2597+2.5671i	2.0857-3.4320i	-0.9775-1.3716i	0.8718-2.4775i	2.0027-3.6305i	-1.2495+1.0926i	-4.6396-14.8247i
77.8	-2.2292+2.6644i	1.9535-3.5775i	-0.8296-1.2024i	0.7715-2.5967i	1.9248-3.7493i	-0.9391+1.4400i	-5.4247-14.9297i
77.9	-2.2361+2.7475i	1.8870-3.6561i	-0.5478-1.1924i	0.7268-2.6669i	1.9296-3.8404i	-0.5196+1.5279i	-5.9359-14.8246i
78.0	-2.2638+2.7366i	1.8271-3.6135i	-0.4844-1.1879i	0.6564-2.6511i	1.8973-3.8067i	-0.3528+1.5809i	-6.1637-14.6193i
78.1	-2.2809+2.8249i	1.7271-3.7445i	-0.3845-1.2374i	0.5328-2.7811i	1.8345-3.9570i	-0.0738+1.6259i	-6.7283-14.5027i
78.2	-2.1925+2.9110i	1.5560-3.8075i	-0.2436-1.2428i	0.3914-2.8449i	1.7127-4.0445i	0.2982+1.6549i	-7.2669-14.1451i
78.3	-2.0778+3.0062i	1.3402-3.7788i	-0.1666-1.3036i	0.2118-2.8198i	1.5308-4.0713i	0.6258+1.5373i	-7.6525-13.4955i
78.4	-2.0284+3.0988i	1.2116-3.8569i	-0.1668-1.2706i	0.0863-2.8616i	1.4174-4.1673i	0.7913+1.5922i	-8.1383-13.3782i
78.5	-1.8871+3.2027i	0.9580-3.8508i	-0.1090-1.2601i	-0.1314-2.8432i	1.1891-4.2305i	1.1045+1.5148i	-8.6965-12.7289i
78.6	-1.7833+3.2980i	0.8180-3.8506i	-0.0756-1.2207i	-0.2502-2.8298i	1.0529-4.2814i	1.2829+1.4883i	-8.8308-12.3938i
78.7	-1.6623+3.3273i	0.6918-3.7887i	-0.0677-1.3272i	-0.3647-2.7697i	0.9018-4.2883i	1.3606+1.2790i	-8.8903-12.1439i
78.8	-1.5216+3.4531i	0.4975-3.8221i	0.0984-1.4288i	-0.5017-2.7857i	0.7356-4.4124i	1.7157+1.0849i	-9.3178-11.8676i
78.9	-1.3289+3.5804i	0.3243-3.8393i	0.4674-1.7154i	-0.5947-2.7998i	0.5724-4.5809i	2.2543+0.6592i	-9.6505-11.4636i
79.0	-1.0104+3.5508i	0.1192-3.7487i	0.1957-2.4044i	-0.7620-2.7749i	0.1626-4.6343i	2.0031-0.2813i	-9.7475-10.6917i
79.1	-0.8793+3.3357i	-0.0841-3.6989i	-0.8446-2.0697i	-1.0563-2.7691i	-0.2338-4.4180i	1.0205+0.0986i	-10.2307-10.4051i
79.2	-0.8887+3.2682i	-0.2085-3.6065i	-1.0105-1.4620i	-1.2223-2.6237i	-0.3325-4.2089i	0.9699+0.6838i	-10.3804-10.0162i
79.3	-0.8819+3.2476i	-0.2897-3.5230i	-0.8994-1.1248i	-1.3120-2.4963i	-0.3872-4.0912i	1.1902+0.9724i	-10.5016-9.6148i
79.4	-0.7837+3.2326i	-0.4154-3.4380i	-0.7140-0.9340i	-1.3964-2.3822i	-0.5197-4.0077i	1.4735+1.0388i	-10.5541-9.1422i
79.5	-0.6531+3.2432i	-0.5813-3.3623i	-0.7080-0.7474i	-1.5084-2.2600i	-0.7149-3.9231i	1.6044+1.0476i	-10.4250-8.5157i
79.6	-0.5576+3.2061i	-0.6866-3.2579i	-0.5223-0.5834i	-1.5615-2.1388i	-0.8157-3.7927i	1.8570+1.0548i	-10.2528-8.0734i
79.7	-0.4713+3.1884i	-0.8747-3.1783i	-0.4123-0.4376i	-1.7577-2.0288i	-0.9979-3.7169i	2.1177+1.0053i	-10.7776-7.4987i
79.8	-0.3126+3.1759i	-1.0760-3.0736i	-0.3170-0.3197i	-1.8955-1.8907i	-1.2177-3.6210i	2.3282+0.9321i	-10.9256-6.8400i
79.9	-0.3953+3.1105i	-1.0186-2.9793i	-0.1307-0.3382i	-1.8705-1.8087i	-1.1199-3.5207i	2.4598+0.8809i	-10.6381-6.8400i
80.0	-0.3201+3.0108i	-1.0846-2.7890i	0.0294-0.2529i	-1.8723-1.6352i	-1.1684-3.3110i	2.5932+0.7963i	-10.2943-6.5162i

2.1.79 Run 7 – VT270-200 – Accels 1–8

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	8.3838+0.0000i	16.5567+0.0000i	-2.6938+0.0000i	18.7745+0.0000i	-1.4759+0.0000i	11.6068+0.0000i	6.8621+0.0000i	7.1769+0.0000i
0.1	1.4246-0.8158i	2.3553-0.2937i	-0.6166+0.1730i	2.5572-0.4895i	0.2093+0.3209i	2.1817-0.5350i	1.7328-0.2367i	2.6446+0.6894i
0.2	0.1621-0.7249i	-0.1378-0.0678i	-0.0865-0.0684i	-0.1151-0.1316i	0.0745+0.0566i	0.0907-0.0799i	0.0238+0.0328i	0.8437-0.2340i
0.3	-0.9460+0.2560i	-0.0038-0.0139i	0.0045-0.0438i	0.0084-0.0962i	-0.0706+0.0096i	0.0359+0.0209i	-0.0678+0.0745i	0.0418+0.0682i
0.4	-0.0117+0.3790i	-0.0022-0.0010i	-0.0037-0.0127i	-0.0222-0.0521i	-0.0115-0.0078i	-0.0127-0.0136i	0.0030+0.0191i	0.0473+0.0094i
0.5	0.3286-0.3443i	0.0110-0.0057i	-0.0071-0.0129i	0.0005-0.0174i	-0.0089-0.0090i	-0.0004-0.0165i	-0.0191+0.0108i	0.0056+0.0001i
0.6	-0.2540+0.1293i	0.0013+0.0028i	0.0019-0.0008i	-0.0100+0.0016i	-0.0022-0.0018i	0.0008-0.0049i	-0.0133-0.0030i	0.0131-0.0052i
0.7	-0.1567+0.0952i	0.0099-0.0010i	0.0117+0.0066i	-0.0085+0.0007i	-0.0012-0.0024i	0.0049-0.0043i	-0.0070-0.0010i	0.0109-0.0013i
0.8	0.1062+0.3741i	0.0265+0.0078i	0.0207+0.0076i	-0.0073+0.0036i	-0.0032+0.0021i	0.0020-0.0002i	-0.0033-0.0022i	0.0073+0.0015i
0.9	-0.0558+0.2496i	0.0269+0.0052i	0.0250+0.0045i	-0.0063+0.0014i	-0.0014+0.0026i	-0.0013+0.0010i	-0.0045-0.0029i	-0.0044+0.0021i
1.0	-0.0978-0.0815i	0.0212+0.0004i	0.0219+0.0029i	-0.0094+0.0005i	-0.0018+0.0012i	-0.0029-0.0005i	-0.0065-0.0014i	-0.0072+0.0000i
1.1	-0.1177+0.0298i	0.0292+0.0046i	0.0268+0.0056i	-0.0105+0.0006i	-0.0021+0.0002i	-0.0042+0.0032i	-0.0076-0.0007i	-0.0053-0.0049i
1.2	-0.0724-0.0557i	0.0400+0.0023i	0.0353+0.0057i	-0.0090-0.0058i	-0.0006+0.0021i	-0.0018-0.0008i	-0.0081+0.0006i	-0.0086-0.0015i
1.3	0.2494+0.1876i	0.0496+0.0047i	0.0395+0.0056i	-0.0100-0.0037i	-0.0021+0.0006i	-0.0000-0.0014i	-0.0099+0.0009i	-0.0062-0.0011i
1.4	0.3643+0.3302i	0.0575+0.0052i	0.0465+0.0063i	-0.0112-0.0029i	-0.0051+0.0002i	0.0010+0.0012i	-0.0109+0.0000i	-0.0039-0.0013i
1.5	0.1242+0.1155i	0.0658+0.0062i	0.0538+0.0063i	-0.0142-0.0010i	-0.0062-0.0002i	0.0023+0.0011i	-0.0117-0.0018i	-0.0054-0.0002i
1.6	0.2415-0.1995i	0.0744+0.0051i	0.0599+0.0071i	-0.0098-0.0015i	-0.0074-0.0000i	0.0034+0.0004i	-0.0128-0.0019i	-0.0073-0.0023i
1.7	0.0698+0.0939i	0.0816+0.0058i	0.0644+0.0060i	-0.0162-0.0001i	-0.0103+0.0003i	0.0055-0.0002i	-0.0146-0.0012i	-0.0119-0.0025i
1.8	0.0295+0.0391i	0.0981+0.0055i	0.0771+0.0033i	-0.0254+0.0013i	-0.0118-0.0001i	0.0095-0.0022i	-0.0171+0.0004i	-0.0200+0.0005i
1.9	-0.1516+0.0191i	0.1206-0.0028i	0.0941-0.0061i	-0.0282+0.0022i	-0.0169+0.0009i	0.0150-0.0171i	-0.0208-0.0007i	-0.0289+0.0040i
2.0	-0.2899-0.0146i	0.1275-0.0192i	0.0886-0.0219i	-0.0273+0.0034i	-0.0260+0.0017i	0.0041-0.0352i	-0.0225-0.0018i	-0.0293+0.0056i
2.1	-0.2338+0.0167i	0.1222-0.0218i	0.0650-0.0301i	-0.0258+0.0031i	-0.0358-0.0025i	-0.0234-0.0441i	-0.0252-0.0021i	-0.0326+0.0063i
2.2	-0.1839-0.0388i	0.1311-0.0033i	0.0258-0.0044i	-0.0281+0.0012i	-0.0611-0.0004i	-0.0593-0.0079i	-0.0297-0.0015i	-0.0533+0.0027i
2.3	0.0140-0.0717i	0.2129-0.0373i	0.0193+0.0543i	-0.0350-0.0015i	-0.1183+0.0568i	-0.0283+0.0137i	-0.0346+0.0016i	-0.1167+0.0561i
2.4	0.1292-0.0783i	0.1943-0.1772i	0.0643+0.1701i	-0.0396+0.0042i	-0.0769+0.2207i	-0.0154+0.0107i	-0.0362+0.0098i	-0.0766+0.2245i
2.5	0.1477-0.0985i	0.0280-0.1083i	0.2227+0.1221i	-0.0374+0.0030i	0.1297+0.1419i	-0.0110+0.0117i	-0.0285+0.0052i	0.1347+0.1448i
2.6	0.0416-0.1122i	0.0555-0.0094i	0.2253+0.0342i	-0.0400-0.0018i	0.1103+0.0217i	-0.0091+0.0096i	-0.0328-0.0015i	0.1145+0.0216i
2.7	-0.1993+0.1124i	0.1009-0.0078i	0.2022+0.0222i	-0.0485-0.0026i	0.0655+0.0126i	-0.0094+0.0068i	-0.0394-0.0011i	0.0703+0.0137i
2.8	-0.2100+0.1358i	0.1362+0.0017i	0.2081+0.0191i	-0.0564-0.0085i	0.0459+0.0040i	-0.0108+0.0060i	-0.0447-0.0022i	0.0529+0.0064i
2.9	0.0304-0.0287i	0.1529-0.0025i	0.2169+0.0153i	-0.0562-0.0060i	0.0395+0.0054i	-0.0085+0.0030i	-0.0485-0.0019i	0.0473+0.0046i
3.0	-0.1706+0.0845i	0.1724-0.0022i	0.2227+0.0146i	-0.0526-0.0058i	0.0342+0.0062i	-0.0071+0.0048i	-0.0539-0.0004i	0.0412+0.0069i
3.1	-0.1921-0.1541i	0.1851+0.0072i	0.2304+0.0234i	-0.0667-0.0079i	0.0308+0.0072i	-0.0071+0.0059i	-0.0591-0.0034i	0.0380+0.0074i
3.2	0.1905-0.1072i	0.1991+0.0082i	0.2432+0.0213i	-0.0700-0.0036i	0.0302+0.0086i	-0.0091+0.0048i	-0.0641-0.0040i	0.0395+0.0072i
3.3	0.1219-0.2215i	0.2137+0.0032i	0.2597+0.0128i	-0.0729-0.0096i	0.0308+0.0060i	-0.0039+0.0057i	-0.0713-0.0048i	0.0404+0.0063i
3.4	0.3060-0.2537i	0.2381+0.0092i	0.2775+0.0162i	-0.0834-0.0114i	0.0326+0.0056i	-0.0023+0.0058i	-0.0764-0.0063i	0.0381+0.0051i
3.5	0.4278+0.0682i	0.2546+0.0220i	0.2823+0.0222i	-0.0917-0.0057i	0.0288+0.0037i	-0.0015+0.0061i	-0.0798-0.0062i	0.0358+0.0027i
3.6	0.8093+0.4599i	0.2889+0.0259i	0.3157+0.0400i	-0.0763-0.0096i	0.0258+0.0054i	-0.0020-0.0010i	-0.0860+0.0037i	0.0385+0.0007i
3.7	1.1681-0.0140i	0.3327+0.0109i	0.3516+0.0225i	-0.0926+0.0016i	0.0233+0.0008i	-0.0135-0.0040i	-0.0975+0.0034i	0.0447+0.0044i
3.8	0.2275-0.0476i	0.3411+0.0069i	0.3659+0.0183i	-0.1120-0.0006i	0.0249-0.0009i	-0.0129-0.0048i	-0.0996+0.0014i	0.0378+0.0022i
3.9	0.1653-0.0462i	0.3533+0.0103i	0.3785+0.0203i	-0.1139-0.0025i	0.0237-0.0007i	-0.0118-0.0009i	-0.1046-0.0003i	0.0393+0.0011i
4.0	0.1546+0.0367i	0.3664+0.0103i	0.3898+0.0192i	-0.1203-0.0042i	0.0229-0.0009i	-0.0114+0.0008i	-0.1109-0.0012i	0.0399-0.0002i
4.1	0.1031+0.0315i	0.3848+0.0107i	0.4047+0.0187i	-0.1285-0.0043i	0.0215-0.0003i	-0.0101-0.0002i	-0.1186-0.0018i	0.0397+0.0002i
4.2	0.1525+0.0026i	0.4082+0.0086i	0.4240+0.0160i	-0.1345-0.0020i	0.0207+0.0007i	-0.0093-0.0022i	-0.1279-0.0019i	0.0412+0.0015i
4.3	0.2387-0.0521i	0.4327+0.0120i	0.4453+0.0169i	-0.1443-0.0019i	0.0201+0.0010i	-0.0093-0.0034i	-0.1379-0.0034i	0.0418+0.0010i
4.4	0.2618-0.0362i	0.4579+0.0123i	0.4645+0.0135i	-0.1529-0.0063i	0.0199+0.0004i	-0.0088-0.0050i	-0.1476-0.0031i	0.0444+0.0012i
4.5	0.2745+0.0449i	0.4892+0.0068i	0.4839+0.0112i	-0.1668-0.0048i	0.0181+0.0002i	-0.0094-0.0078i	-0.1609-0.0027i	0.0464-0.0006i
4.6	0.1697+0.0864i	0.5135+0.0002i	0.4939+0.0053i	-0.1800-0.0048i	0.0155+0.0005i	-0.0105-0.0129i	-0.1704-0.0037i	0.0461-0.0007i
4.7	0.3247+0.0034i	0.5367-0.0172i	0.5031+0.0126i	-0.2047-0.0049i	0.0125+0.0077i	-0.0213-0.0303i	-0.1892-0.0029i	0.0480+0.0080i
4.8	0.3712+0.0712i	0.5253-0.0060i	0.5221+0.0229i	-0.2077+0.0083i	0.0335+0.0061i	-0.0600-0.0198i	-0.1963+0.0045i	0.0718+0.0070i
4.9	0.3489+0.0786i	0.5434+0.0221i	0.5334+0.0204i	-0.2044-0.0016i	0.0334-0.0084i	-0.0630+0.0021i	-0.1967-0.0029i	0.0745-0.0046i
5.0	0.3840+0.0882i	0.6359+0.0356i	0.5875+0.0525i	-0.2423-0.0211i	0.0158-0.0011i	-0.0268+0.0207i	-0.2363-0.0173i	0.0635+0.0003i
5.1	0.3603+0.1647i	0.6693+0.0242i	0.6220+0.0517i	-0.2649-0.0190i	0.0216+0.0039i	-0.0166+0.0184i	-0.2623-0.0174i	0.0705+0.0034i
5.2	0.2162+0.1121i	0.6837+0.0370i	0.6415+0.0287i	-0.2773-0.0143i	0.0309-0.0106i	-0.0159+0.0147i	-0.2805-0.0131i	0.0802-0.0095i
5.3	0.0062+0.0382i	0.7278+0.0612i	0.6431+0.0061i	-0.2897-0.0097i	0.0192-0.0273i	-0.0147+0.0113i	-0.3062-0.0103i	0.0761-0.0251i
5.4	0.3581+0.1441i	0.8560+0.0280i	0.6361+0.0433i	-0.3168-0.0041i	-0.0284-0.0116i	-0.0085-0.0031i	-0.3423+0.0014i	0.0521-0.0125i
5.5	0.4233+0.0830i	0.9079-0.0159i	0.6967+0.0822i	-0.3561+0.0073i	-0.0152+0.0213i	-0.0142-0.0017i	-0.3687+0.0144i	0.0656+0.0112i
5.6	0.5294+0.0692i	0.9335-0.0360i	0.7310+0.0738i	-0.3860+0.0177i	-0.0040+0.0270i	-0.0189-0.0130i	-0.3973+0.0227i	0.0819+0.0164i

5.7	0.6000-0.0095i	0.9598-0.0536i	0.7389+0.0662i	-0.4125+0.0193i	-0.0002+0.0304i	-0.0316-0.0204i	-0.4309+0.0293i	0.0973+0.0183i
5.8	0.5636-0.0454i	0.9938-0.0618i	0.7577+0.0795i	-0.4446+0.0256i	0.0063+0.0349i	-0.0413-0.0144i	-0.4670+0.0372i	0.1129+0.0186i
5.9	0.5734-0.0598i	1.0301-0.0615i	0.7819+0.0924i	-0.4819+0.0302i	0.0166+0.0373i	-0.0486-0.0084i	-0.5051+0.0407i	0.1312+0.0186i
6.0	0.6023-0.0185i	1.0735-0.0525i	0.7962+0.0995i	-0.5201+0.0316i	0.0192+0.0336i	-0.0502+0.0028i	-0.5475+0.0422i	0.1457+0.0140i
6.1	0.6208-0.0109i	1.1515-0.0511i	0.8133+0.1101i	-0.5757+0.0394i	0.0174+0.0328i	-0.0423+0.0130i	-0.6139+0.0518i	0.1629+0.0095i
6.2	0.7213-0.0302i	1.2368-0.0676i	0.8315+0.1238i	-0.6434+0.0557i	0.0203+0.0370i	-0.0336+0.0130i	-0.6907+0.0716i	0.1860+0.0070i
6.3	0.9275-0.0352i	1.3246-0.0711i	0.8383+0.1287i	-0.7220+0.0610i	0.0228+0.0373i	-0.0311+0.0090i	-0.7803+0.0787i	0.2146+0.0061i
6.4	1.0327-0.0972i	1.4363-0.1027i	0.8322+0.1487i	-0.8226+0.0971i	0.0254+0.0418i	-0.0331+0.0062i	-0.8983+0.1203i	0.2505-0.0027i
6.5	1.0288-0.1577i	1.5291-0.1415i	0.8219+0.1702i	-0.9025+0.1397i	0.0291+0.0435i	-0.0335+0.0051i	-0.9977+0.1718i	0.2842-0.0163i
6.6	1.1916-0.2105i	1.6859-0.1900i	0.7763+0.2100i	-1.0487+0.1833i	0.0333+0.0532i	-0.0355+0.0013i	-1.1769+0.2265i	0.3474-0.0249i
6.7	1.4778-0.2815i	1.8581-0.2764i	0.7064+0.2756i	-1.2249+0.2641i	0.0388+0.0651i	-0.0402-0.0012i	-1.3920+0.3270i	0.4229-0.0496i
6.8	1.7737-0.3887i	2.0936-0.4404i	0.5910+0.4059i	-1.4930+0.4341i	0.0534+0.0751i	-0.0485+0.0010i	-1.7170+0.5433i	0.5399-0.1146i
6.9	1.9499-0.7701i	2.3538-0.7272i	0.4412+0.6473i	-1.7957+0.7489i	0.0723+0.0893i	-0.0562+0.0080i	-2.0881+0.9381i	0.6777-0.2364i
7.0	2.3769-1.5789i	2.6581-1.3588i	0.2699+1.1912i	-2.1764+1.4629i	0.1145+0.1091i	-0.0591+0.0245i	-2.5548+1.8292i	0.8661-0.5242i
7.1	1.9424-2.9747i	2.3042-2.3951i	0.6782+2.0574i	-1.8339+2.6954i	0.1951+0.0897i	-0.0431+0.0325i	-2.1104+3.3645i	0.7763-1.0561i
7.2	0.3316-3.6806i	0.9771-2.8688i	1.8669+2.4299i	-0.2764+3.3864i	0.2236-0.0214i	-0.0378+0.0083i	-0.1642+4.2143i	0.1483-1.4281i
7.3	-0.8320-3.3057i	0.0793-2.6019i	2.6663+2.2488i	0.8284+3.1276i	0.1900-0.0863i	-0.0578+0.0181i	1.2132+3.8973i	-0.3423-1.3941i
7.4	-1.7761-2.2464i	-0.6459-1.7315i	3.4461+1.6270i	1.7263+2.1781i	0.1357-0.1194i	-0.0360+0.0528i	2.3539+2.7202i	-0.8073-1.0460i
7.5	-1.8970-1.1878i	-0.5894-0.8740i	3.5758+0.8944i	1.7555+1.2297i	0.0922-0.1210i	-0.0080+0.0374i	2.4017+1.5216i	-0.8836-0.6283i
7.6	-1.2299-0.7532i	-0.0380-0.4449i	3.2554+0.4777i	1.2193+0.7097i	0.0659-0.1034i	-0.0171+0.0132i	1.7398+0.8691i	-0.6834-0.3801i
7.7	-0.9255-0.5768i	0.1872-0.3402i	3.1563+0.3934i	0.9931+0.5639i	0.0611-0.0954i	-0.0229+0.0109i	1.4660+0.6896i	-0.6008-0.3160i
7.8	-0.7247-0.4874i	0.3474-0.3403i	3.1568+0.3843i	0.8105+0.5121i	0.0594-0.0884i	-0.0232+0.0121i	1.2594+0.6308i	-0.5518-0.3000i
7.9	-0.6633-0.4439i	0.3727-0.3071i	3.2547+0.3414i	0.7482+0.4762i	0.0513-0.0932i	-0.0189+0.0095i	1.2074+0.5871i	-0.5721-0.2876i
8.0	-0.6459-0.3621i	0.4018-0.1770i	3.3517+0.2190i	0.6926+0.3843i	0.0423-0.0999i	-0.0188+0.0010i	1.1599+0.4611i	-0.5912-0.2324i
8.1	-0.4716-0.3987i	0.5169-0.1032i	3.4228+0.1298i	0.5645+0.3483i	0.0398-0.1012i	-0.0245+0.0012i	1.0232+0.4015i	-0.5694-0.1961i
8.2	-0.4431-0.2425i	0.5766-0.0009i	3.5193+0.0558i	0.5076+0.3040i	0.0263-0.1027i	-0.0251-0.0012i	0.9717+0.3284i	-0.5866-0.1542i
8.3	-0.5102-0.2165i	0.6470+0.0799i	3.5811-0.0069i	0.4519+0.2709i	0.0134-0.1004i	-0.0251-0.0039i	0.9166+0.2707i	-0.5944-0.1168i
8.4	-0.2858-0.1363i	0.7416+0.1515i	3.6513-0.0849i	0.3784+0.2453i	-0.0008-0.0961i	-0.0267-0.0073i	0.8422+0.2267i	-0.5977-0.0786i
8.5	-0.1929-0.0901i	0.8071+0.2260i	3.7936-0.1390i	0.2933+0.2270i	-0.0062-0.0872i	-0.0271-0.0105i	0.7683+0.1848i	-0.6113-0.0379i
8.6	-0.1652-0.1950i	0.8489+0.2819i	3.9167-0.2057i	0.2308+0.2281i	-0.0144-0.0820i	-0.0283-0.0133i	0.7170+0.1648i	-0.6310-0.0039i
8.7	0.0036-0.2033i	0.8583+0.3768i	4.1072-0.2992i	0.1502+0.2369i	-0.0226-0.0787i	-0.0301-0.0186i	0.6630+0.1476i	-0.6679+0.0408i
8.8	0.1748-0.2246i	0.8344+0.5243i	4.3018-0.4256i	0.0768+0.2613i	-0.0253-0.0753i	-0.0317-0.0230i	0.6157+0.1372i	-0.7071+0.1022i
8.9	0.1656-0.1879i	0.8304+0.8178i	4.5385-0.6834i	-0.0182+0.3351i	-0.0305-0.0722i	-0.0305-0.0295i	0.5550+0.1318i	-0.7518+0.2172i
9.0	0.0564-0.3449i	0.8825+1.0952i	4.6621-0.9580i	-0.0702+0.4178i	-0.0355-0.0644i	-0.0304-0.0383i	0.5173+0.1341i	-0.7646+0.3397i
9.1	0.2023-0.4852i	1.0593+1.3326i	4.7275-1.2068i	-0.1161+0.5016i	-0.0321-0.0527i	-0.0369-0.0477i	0.4521+0.1484i	-0.7216+0.4467i
9.2	0.2949-0.5933i	0.9923+1.7608i	4.9985-1.6024i	-0.2075+0.6680i	-0.0358-0.0625i	-0.0421-0.0579i	0.4056+0.2018i	-0.7901+0.5919i
9.3	0.1181-0.8618i	1.7260+2.6766i	4.5642-2.4958i	-0.0248+0.9894i	-0.0549-0.0490i	-0.0620-0.0719i	0.4318+0.2749i	-0.5794+0.9639i
9.4	-0.2239-0.9505i	3.0407+3.0486i	3.6067-2.8485i	0.3548+1.1271i	-0.0675-0.0193i	-0.0879-0.0716i	0.4998+0.3028i	-0.1389+1.1439i
9.5	-0.5043-0.8417i	4.0737+2.6735i	2.8516-2.4853i	0.6554+1.0025i	-0.0590+0.0018i	-0.1032-0.0601i	0.5540+0.2729i	0.2270+1.0235i
9.6	-0.5725-0.6258i	4.5956+1.8128i	2.6571-1.6897i	0.7663+0.7068i	-0.0418+0.0107i	-0.1040-0.0452i	0.5634+0.2068i	0.3969+0.7072i
9.7	-0.5614-0.3996i	4.7117+1.1420i	2.8827-1.1031i	0.7342+0.4935i	-0.0263+0.0125i	-0.1010-0.0359i	0.5397+0.1595i	0.4029+0.4612i
9.8	-0.4638-0.2579i	4.7090+0.7772i	3.1896-0.8083i	0.6631+0.3812i	-0.0142+0.0092i	-0.1000-0.0379i	0.5100+0.1375i	0.3632+0.3234i
9.9	-0.3697-0.2108i	4.6866+0.5372i	3.4966-0.6389i	0.5894+0.3121i	-0.0107+0.0055i	-0.0998-0.0406i	0.4828+0.1237i	0.3079+0.2345i
10.0	-0.3201-0.2333i	4.7021+0.3834i	3.8055-0.5493i	0.5260+0.2714i	-0.0089+0.0054i	-0.1032-0.0454i	0.4559+0.1187i	0.2598+0.1822i
10.1	-0.2434-0.1881i	4.7535+0.2729i	4.1044-0.4774i	0.4661+0.2519i	-0.0049+0.0037i	-0.1088-0.0516i	0.4306+0.1196i	0.2222+0.1433i
10.2	-0.2216-0.2026i	4.8374+0.2194i	4.3910-0.4405i	0.4154+0.2474i	0.0012+0.0037i	-0.1156-0.0591i	0.4089+0.1287i	0.1940+0.1212i
10.3	-0.2731-0.2043i	4.9381+0.1788i	4.6307-0.4796i	0.3976+0.2543i	0.0029+0.0022i	-0.1230-0.0609i	0.4012+0.1419i	0.1742+0.1128i
10.4	-0.2285-0.2380i	5.0682+0.1312i	4.8245-0.5158i	0.4020+0.2613i	0.0056-0.0027i	-0.1303-0.0616i	0.4086+0.1548i	0.1662+0.1025i
10.5	-0.1575-0.2509i	5.2563+0.1025i	5.0529-0.4827i	0.4090+0.2490i	0.0067-0.0047i	-0.1390-0.0631i	0.4184+0.1522i	0.1635+0.0876i
10.6	-0.0814-0.1920i	5.4606+0.0860i	5.3097-0.4327i	0.4083+0.2375i	0.0058-0.0044i	-0.1456-0.0607i	0.4255+0.1403i	0.1606+0.0750i
10.7	-0.0423-0.1041i	5.7069+0.0040i	5.6206-0.4172i	0.3947+0.2018i	0.0052-0.0050i	-0.1584-0.0606i	0.4256+0.1208i	0.1508+0.0534i
10.8	-0.0588-0.1278i	5.9004-0.0184i	5.8979-0.3463i	0.3765+0.1723i	0.0072-0.0049i	-0.1725-0.0621i	0.4189+0.1035i	0.1427+0.0362i
10.9	-0.0010-0.1008i	6.1443-0.0677i	6.2659-0.3363i	0.3489+0.1577i	0.0104-0.0064i	-0.1814-0.0598i	0.4025+0.0904i	0.1326+0.0259i
11.0	-0.0157-0.1607i	6.3629-0.1409i	6.5805-0.3995i	0.3195+0.1425i	0.0109-0.0082i	-0.1902-0.0574i	0.3875+0.0865i	0.1232+0.0196i
11.1	-0.0365-0.1373i	6.6974-0.1925i	7.0164-0.4174i	0.2983+0.1352i	0.0111-0.0079i	-0.1979-0.0539i	0.3744+0.0817i	0.1186+0.0145i
11.2	-0.0481-0.1476i	7.0087-0.2127i	7.4191-0.4278i	0.2808+0.1394i	0.0117-0.0076i	-0.2080-0.0504i	0.3648+0.0804i	0.1142+0.0106i
11.3	-0.0122-0.1092i	7.3313-0.2703i	7.8233-0.4854i	0.2630+0.1327i	0.0121-0.0077i	-0.2160-0.0490i	0.3557+0.0786i	0.1098+0.0043i
11.4	0.0181-0.0867i	7.7941-0.3201i	8.3677-0.5187i	0.2428+0.1355i	0.0134-0.0070i	-0.2248-0.0476i	0.3443+0.0738i	0.1052-0.0049i
11.5	-0.0060-0.1368i	8.1371-0.3513i	8.7708-0.5323i	0.2196+0.1286i	0.0143-0.0080i	-0.2322-0.0463i	0.3361+0.0706i	0.1023-0.0074i
11.6	0.0280-0.1714i	8.6242-0.3797i	9.3621-0.5799i	0.2036+0.1229i	0.0150-0.0104i	-0.2429-0.0444i	0.3261+0.0705i	0.1017-0.0107i
11.7	0.0033-0.1538i	9.1708-0.5149i	9.9861-0.6988i	0.1872+0.1329i	0.0153-0.0106i	-0.2495-0.0403i	0.3160+0.0704i	0.1035-0.0146i
11.8	-0.0327-0.0903i	9.7539-0.5955i	10.6414-0.7996i	0.1655+0.1339i	0.0183-0.0086i	-0.2581-0.0412i	0.3058+0.0703i	0.1072-0.0180i
11.9	-0.0225+0.0553i	10.6041-0.7337i	11.6233-0.9898i	0.1305+0.1584i	0.0210-0.0097i	-0.2690-0.0446i	0.2934+0.0748i	0.1173-0.0282i

12.0	0.0000-0.0248i	11.3319-0.9187i	12.4515-1.1754i	0.1245+0.1588i	0.0242-0.0120i	-0.2781-0.0488i	0.2861+0.0793i	0.1261-0.0393i
12.1	0.0640-0.0431i	12.1759-1.0428i	13.3810-1.3433i	0.1187+0.1644i	0.0279-0.0138i	-0.2867-0.0550i	0.2806+0.0848i	0.1418-0.0535i
12.2	-0.0264-0.0846i	13.0574-1.2957i	14.3474-1.6544i	0.0975+0.1676i	0.0298-0.0173i	-0.2980-0.0613i	0.2767+0.0915i	0.1545-0.0745i
12.3	-0.1023-0.2273i	14.2253-1.9509i	15.6038-2.3827i	0.1048+0.1892i	0.0316-0.0215i	-0.3163-0.0745i	0.2788+0.1014i	0.1642-0.1103i
12.4	-0.1060-0.1904i	15.5441-2.5217i	16.9408-3.0507i	0.1206+0.2062i	0.0359-0.0266i	-0.3355-0.0986i	0.2850+0.1082i	0.1756-0.1595i
12.5	-0.2053-0.0883i	17.2676-3.3602i	18.6686-4.0073i	0.1375+0.2269i	0.0376-0.0315i	-0.3715-0.1326i	0.2999+0.1112i	0.1760-0.2371i
12.6	-0.1152-0.0621i	19.0357-4.4967i	20.4213-5.1672i	0.1679+0.2266i	0.0370-0.0372i	-0.4365-0.1695i	0.3186+0.0989i	0.1392-0.3259i
12.7	-0.1706+0.0818i	20.5949-5.6460i	21.9395-6.2825i	0.1681+0.2150i	0.0364-0.0426i	-0.5157-0.1989i	0.3291+0.0775i	0.0718-0.3988i
12.8	-0.0760+0.0555i	22.0371-7.6193i	23.3945-8.1901i	0.1746+0.1816i	0.0326-0.0455i	-0.6327-0.1818i	0.3258+0.0559i	-0.0459-0.4246i
12.9	-0.1430+0.0780i	24.0893-9.2830i	25.4102-9.8221i	0.1717+0.1852i	0.0317-0.0463i	-0.7602-0.1530i	0.3169+0.0375i	-0.1571-0.4148i
13.0	-0.2504+0.1432i	26.9702-11.9096i	28.3420-12.3125i	0.1574+0.1942i	0.0340-0.0499i	-0.9064-0.0765i	0.3084+0.0228i	-0.2644-0.3651i
13.1	-0.2788+0.1606i	30.5025-14.9965i	31.8213-15.3029i	0.1684+0.1895i	0.0379-0.0529i	-1.0441+0.0088i	0.3144+0.0083i	-0.3334-0.3167i
13.2	-0.2431+0.2240i	35.6033-20.6650i	36.6344-20.5941i	0.1868+0.1917i	0.0509-0.0619i	-1.2245+0.1516i	0.3264-0.0202i	-0.3957-0.2489i
13.3	-0.2576+0.3728i	39.5884-29.6949i	40.2383-28.8499i	0.2347+0.1630i	0.0692-0.0827i	-1.3872+0.3789i	0.3310-0.0661i	-0.4311-0.1824i
13.4	-0.3167+0.7365i	43.7913-48.6247i	43.9195-45.9788i	0.3230+0.0755i	0.1064-0.1289i	-1.6151+0.8669i	0.3193-0.1679i	-0.4671-0.0807i
13.5	-0.0690+1.0126i	33.6064-66.5178i	35.2168-62.2101i	0.2681-0.0914i	0.0893-0.1917i	-1.4596+1.4005i	0.2272-0.2578i	-0.4682-0.0042i
13.6	0.6294+1.2442i	-2.0100-85.6049i	4.4974-78.6581i	0.0753-0.3340i	-0.0335-0.3089i	-0.6440+2.0832i	-0.0055-0.2992i	-0.4340+0.1145i
13.7	1.0340+0.9668i	-35.5255-71.3867i	-22.7232-66.1087i	-0.2198-0.3211i	-0.2113-0.2863i	0.2647+1.8833i	-0.1755-0.1597i	-0.3698+0.1781i
13.8	1.1323+0.6247i	-47.0327-49.2960i	-30.7775-47.6056i	-0.4192-0.1658i	-0.3056-0.1992i	0.6309+1.3767i	-0.2241-0.0074i	-0.3245+0.1925i
13.9	1.1428+0.3317i	-47.1569-31.4768i	-29.0689-34.4216i	-0.5075+0.0539i	-0.3480-0.0968i	0.6734+0.9562i	-0.2132+0.1199i	-0.2959+0.2025i
14.0	1.0891+0.1875i	-43.7240-22.2107i	-25.0299-29.0937i	-0.5064+0.2030i	-0.3602-0.0191i	0.6018+0.7464i	-0.1733+0.1928i	-0.2854+0.2146i
14.1	0.9495+0.1750i	-39.1702-13.6460i	-21.1054-27.1660i	-0.4534+0.3726i	-0.3554+0.1050i	0.5036+0.5952i	-0.1074+0.2523i	-0.2637+0.2595i
14.2	0.8503+0.2895i	-34.4626-4.0643i	-19.2376-27.2888i	-0.3386+0.5220i	-0.3234+0.2837i	0.4279+0.4682i	-0.0410+0.2821i	-0.2223+0.3289i
14.3	0.9511+0.3749i	-27.9853+2.9520i	-21.3366-28.5316i	-0.1976+0.6371i	-0.1899+0.4455i	0.3814+0.3969i	-0.0064+0.2966i	-0.1443+0.3963i
14.4	1.2146+0.3832i	-19.5595+4.3114i	-25.9102-26.3456i	-0.0460+0.6056i	0.0396+0.4599i	0.3472+0.3482i	0.0061+0.2922i	-0.0296+0.3880i
14.5	1.3890+0.2593i	-13.2653+2.4837i	-28.8474-21.4584i	0.0304+0.5241i	0.2182+0.3651i	0.3154+0.2997i	-0.0013+0.2975i	0.0575+0.3300i
14.6	1.4256-0.0071i	-10.6036-1.4010i	-27.5442-15.7284i	-0.0058+0.4789i	0.2723+0.1981i	0.2658+0.2657i	-0.0140+0.3438i	0.0759+0.2527i
14.7	1.3096-0.2894i	-9.8990-4.5635i	-25.4475-11.8646i	-0.0112+0.5271i	0.2694+0.0566i	0.2276+0.2503i	0.0121+0.4354i	0.0800+0.2034i
14.8	1.1732-0.4855i	-10.1389-6.4439i	-23.9718-9.8602i	0.0581+0.5962i	0.2451-0.0303i	0.2092+0.2482i	0.0896+0.5231i	0.0883+0.1817i
14.9	0.9732-0.5944i	-11.3551-7.1378i	-22.4863-8.5632i	0.2021+0.6046i	0.1852-0.0900i	0.2051+0.2383i	0.2296+0.5514i	0.1002+0.1576i
15.0	0.7499-0.4098i	-12.7788-6.3320i	-20.8137-7.2187i	0.3453+0.4787i	0.1034-0.1151i	0.1953+0.2129i	0.3814+0.4510i	0.1034+0.1132i
15.1	0.5724-0.2398i	-13.3230-5.0370i	-19.7740-5.8544i	0.3784+0.3330i	0.0422-0.1179i	0.1979+0.1913i	0.4363+0.3330i	0.0956+0.0749i
15.2	0.6465-0.1489i	-13.1426-3.9947i	-18.8163-4.9785i	0.3546+0.2318i	0.0027-0.0964i	0.1941+0.1632i	0.4357+0.2456i	0.0796+0.0545i
15.3	0.6855-0.1131i	-12.2826-2.9969i	-17.4774-4.1587i	0.2882+0.1436i	-0.0146-0.0581i	0.1707+0.1256i	0.3954+0.1742i	0.0598+0.0421i
15.4	0.7351-0.0929i	-11.3476-2.3215i	-16.3148-3.6097i	0.2286+0.0976i	-0.0088-0.0293i	0.1394+0.0986i	0.3531+0.1331i	0.0449+0.0345i
15.5	0.7826-0.0632i	-10.5846-1.9267i	-15.4251-3.2571i	0.1853+0.0684i	0.0006-0.0138i	0.1103+0.0832i	0.3198+0.1082i	0.0358+0.0301i
15.6	0.8419+0.0062i	-10.0335-1.6611i	-14.6836-2.9133i	0.1424+0.0493i	0.0063-0.0080i	0.0850+0.0705i	0.2938+0.0907i	0.0254+0.0267i
15.7	0.8506+0.0243i	-9.4336-1.6461i	-13.8079-2.7361i	0.0867+0.0615i	0.0118-0.0049i	0.0569+0.0643i	0.2638+0.0785i	0.0142+0.0255i
15.8	0.8658-0.0082i	-8.9050-1.5481i	-13.1535-2.4304i	0.0542+0.0477i	0.0193-0.0046i	0.0324+0.0571i	0.2386+0.0689i	0.0103+0.0203i
15.9	0.9054-0.0388i	-8.4526-1.6128i	-12.5203-2.4363i	0.0186+0.0486i	0.0236-0.0083i	0.0087+0.0576i	0.2128+0.0705i	0.0044+0.0180i
16.0	0.9909-0.0245i	-8.0896-1.6203i	-11.9291-2.3394i	-0.0143+0.0635i	0.0270-0.0124i	-0.0179+0.0621i	0.1865+0.0746i	-0.0038+0.0187i
16.1	1.0211-0.0047i	-7.8544-1.5579i	-11.5103-2.2705i	-0.0348+0.0715i	0.0266-0.0138i	-0.0369+0.0636i	0.1730+0.0773i	-0.0087+0.0189i
16.2	1.0695-0.0200i	-7.5628-1.5056i	-11.0514-2.2352i	-0.0511+0.0724i	0.0287-0.0111i	-0.0560+0.0701i	0.1637+0.0787i	-0.0127+0.0187i
16.3	1.0530-0.0402i	-7.2825-1.4705i	-10.6917-2.2216i	-0.0742+0.0766i	0.0344-0.0080i	-0.0755+0.0798i	0.1506+0.0779i	-0.0182+0.0192i
16.4	1.0581+0.0234i	-6.9429-1.4521i	-10.2848-2.1689i	-0.1063+0.0659i	0.0411-0.0129i	-0.0961+0.0907i	0.1298+0.0778i	-0.0241+0.0180i
16.5	1.0640+0.0511i	-6.7147-1.4954i	-9.9750-2.1604i	-0.1332+0.0672i	0.0442-0.0198i	-0.1081+0.1073i	0.1104+0.0799i	-0.0302+0.0186i
16.6	1.1339+0.0004i	-6.5297-1.6003i	-9.7729-2.2106i	-0.1676+0.0793i	0.0437-0.0274i	-0.1056+0.1209i	0.0887+0.0841i	-0.0348+0.0268i
16.7	1.1938-0.0871i	-6.3519-1.7112i	-9.5822-2.2085i	-0.2051+0.1130i	0.0437-0.0344i	-0.1029+0.1264i	0.0678+0.1024i	-0.0347+0.0303i
16.8	1.2425-0.1148i	-6.2523-1.7463i	-9.4140-2.0737i	-0.2192+0.1501i	0.0405-0.0428i	-0.0961+0.1256i	0.0606+0.1296i	-0.0337+0.0317i
16.9	1.2436-0.0650i	-6.1902-1.5844i	-9.2346-1.8682i	-0.2128+0.1557i	0.0315-0.0426i	-0.1014+0.1108i	0.0691+0.1346i	-0.0337+0.0273i
17.0	1.2085-0.0180i	-6.0256-1.5251i	-8.9949-1.8401i	-0.2205+0.1527i	0.0311-0.0360i	-0.1130+0.1068i	0.0625+0.1309i	-0.0415+0.0271i
17.1	1.1842-0.1540i	-5.9135-1.4763i	-8.8639-1.7440i	-0.2439+0.1651i	0.0397-0.0345i	-0.1234+0.1048i	0.0447+0.1402i	-0.0471+0.0281i
17.2	1.2048-0.1645i	-5.6810-1.3538i	-8.5420-1.4486i	-0.2634+0.2071i	0.0424-0.0478i	-0.1497+0.0936i	0.0377+0.1635i	-0.0515+0.0358i
17.3	1.2829-0.1538i	-5.4618-1.3794i	-8.2369-1.3957i	-0.2620+0.2278i	0.0393-0.0548i	-0.1736+0.1007i	0.0410+0.1770i	-0.0506+0.0431i
17.4	1.2897-0.1841i	-5.3635-1.4656i	-8.0406-1.5052i	-0.2504+0.2383i	0.0324-0.0557i	-0.1843+0.1174i	0.0436+0.1828i	-0.0452+0.0422i
17.5	1.2573-0.1685i	-5.3443-1.4344i	-7.9161-1.4958i	-0.2588+0.2347i	0.0290-0.0506i	-0.1844+0.1178i	0.0420+0.1821i	-0.0495+0.0375i
17.6	1.2640-0.1612i	-5.1827-1.4075i	-7.7346-1.4306i	-0.2767+0.2449i	0.0331-0.0554i	-0.1985+0.1145i	0.0361+0.1863i	-0.0546+0.0418i
17.7	1.2730-0.2030i	-5.0007-1.4584i	-7.4701-1.4420i	-0.2797+0.2627i	0.0318-0.0618i	-0.2209+0.1248i	0.0337+0.1982i	-0.0554+0.0477i
17.8	1.2176-0.2847i	-4.9112-1.5646i	-7.3112-1.5383i	-0.2807+0.2749i	0.0278-0.0656i	-0.2344+0.1418i	0.0323+0.2095i	-0.0552+0.0503i
17.9	1.2069-0.3526i	-4.8949-1.6250i	-7.2396-1.6066i	-0.2722+0.2949i	0.0220-0.0719i	-0.2395+0.1597i	0.0351+0.2220i	-0.0547+0.0505i
18.0	1.2703-0.4119i	-4.9199-1.5993i	-7.1640-1.5597i	-0.2632+0.3013i	0.0158-0.0735i	-0.2404+0.1599i	0.0439+0.2192i	-0.0521+0.0535i
18.1	1.3813-0.2615i	-4.9559-1.5188i	-7.1080-1.4881i	-0.2501+0.2961i	0.0076-0.0712i	-0.2432+0.1565i	0.0526+0.2144i	-0.0495+0.0549i
18.2	1.4073-0.0755i	-4.9060-1.4401i	-7.0074-1.4185i	-0.2463+0.2718i	0.0009-0.0650i	-0.2544+0.1584i	0.0522+0.1996i	-0.0509+0.0515i

18.3	1.4972−0.0960i	−4.8128−1.3573i	−6.8791−1.3730i	−0.2594+0.2383i	−0.0006−0.0554i	−0.2727+0.1597i	0.0424+0.1757i	−0.0480+0.0459i
18.4	1.4321−0.1237i	−4.7338−1.2566i	−6.7579−1.3309i	−0.2867+0.2094i	0.0028−0.0480i	−0.2858+0.1592i	0.0178+0.1548i	−0.0525+0.0367i
18.5	1.4849−0.0568i	−4.5653−1.1173i	−6.6056−1.2933i	−0.3674+0.1505i	0.0146−0.0354i	−0.3150+0.1562i	−0.0476+0.1209i	−0.0680+0.0194i
18.6	1.6917−0.1918i	−4.2946−1.1930i	−6.5080−1.3934i	−0.5302+0.2267i	0.0376−0.0430i	−0.3514+0.1789i	−0.1581+0.1908i	−0.1036+0.0322i
18.7	1.7461−0.4935i	−4.2488−1.3967i	−6.5369−1.4319i	−0.5391+0.4033i	0.0413−0.0665i	−0.3597+0.2158i	−0.1521+0.3205i	−0.1109+0.0723i
18.8	1.7019−0.5248i	−4.3385−1.4304i	−6.5436−1.3152i	−0.4617+0.4800i	0.0329−0.0772i	−0.3519+0.2303i	−0.0851+0.3683i	−0.0920+0.0893i
18.9	1.6247−0.5060i	−4.3400−1.4011i	−6.4826−1.2004i	−0.4226+0.4982i	0.0291−0.0820i	−0.3589+0.2318i	−0.0546+0.3789i	−0.0812+0.0903i
19.0	1.5226−0.4537i	−4.3418−1.3256i	−6.4058−1.0937i	−0.3781+0.5223i	0.0223−0.0877i	−0.3725+0.2353i	−0.0249+0.3944i	−0.0746+0.0881i
19.1	1.5092−0.3878i	−4.3350−1.2328i	−6.2941−1.0093i	−0.3434+0.5325i	0.0168−0.0897i	−0.3999+0.2440i	0.0023+0.3975i	−0.0700+0.0862i
19.2	1.4174−0.4887i	−4.2824−1.1642i	−6.1861−0.9300i	−0.3306+0.5247i	0.0163−0.0915i	−0.4203+0.2541i	0.0107+0.3971i	−0.0700+0.0856i
19.3	1.4881−0.5457i	−4.1904−1.1059i	−6.0293−0.8623i	−0.3234+0.5389i	0.0137−0.0961i	−0.4468+0.2707i	0.0213+0.4007i	−0.0691+0.0868i
19.4	1.5469−0.5207i	−4.1202−1.0966i	−5.9389−0.8182i	−0.3133+0.5573i	0.0117−0.1005i	−0.4622+0.2944i	0.0323+0.4119i	−0.0720+0.0847i
19.5	1.4577−0.5357i	−4.0754−1.0579i	−5.8410−0.7812i	−0.2862+0.5727i	0.0047−0.1053i	−0.4776+0.3239i	0.0504+0.4203i	−0.0771+0.0843i
19.6	1.4617−0.4632i	−3.9816−0.9964i	−5.6749−0.7340i	−0.2522+0.5572i	−0.0045−0.1072i	−0.4923+0.3608i	0.0795+0.4169i	−0.0804+0.0827i
19.7	1.5498−0.4723i	−3.9158−0.9714i	−5.5723−0.7264i	−0.2259+0.5441i	−0.0088−0.1061i	−0.5097+0.3842i	0.0963+0.4070i	−0.0818+0.0809i
19.8	1.5117−0.5156i	−3.8243−0.8910i	−5.4396−0.6679i	−0.2081+0.5397i	−0.0131−0.1068i	−0.5297+0.4153i	0.1070+0.3990i	−0.0909+0.0802i
19.9	1.4492−0.4118i	−3.7817−0.8441i	−5.3581−0.6392i	−0.2078+0.5210i	−0.0159−0.1069i	−0.5384+0.4428i	0.1063+0.3863i	−0.0965+0.0826i
20.0	1.3534−0.4522i	−3.6777−0.8189i	−5.2583−0.6460i	−0.2091+0.5031i	−0.0178−0.1080i	−0.5410+0.4827i	0.1046+0.3806i	−0.1116+0.0868i
20.1	1.4293−0.4535i	−3.6042−0.8060i	−5.1576−0.6455i	−0.2152+0.5092i	−0.0219−0.1110i	−0.5500+0.5166i	0.1041+0.3859i	−0.1301+0.0962i
20.2	1.5449−0.4006i	−3.5403−0.8030i	−5.0588−0.6614i	−0.2206+0.5130i	−0.0266−0.1119i	−0.5400+0.5482i	0.1075+0.3875i	−0.1433+0.1126i
20.3	1.5882−0.4929i	−3.4766−0.8075i	−4.9796−0.6613i	−0.2163+0.5113i	−0.0295−0.1150i	−0.5448+0.5726i	0.1111+0.3881i	−0.1500+0.1331i
20.4	1.4930−0.4731i	−3.4203−0.7970i	−4.9022−0.6616i	−0.2114+0.5109i	−0.0358−0.1147i	−0.5703+0.6014i	0.1163+0.3863i	−0.1521+0.1568i
20.5	1.5153−0.4220i	−3.3625−0.7631i	−4.7974−0.6374i	−0.1962+0.5025i	−0.0444−0.1125i	−0.5990+0.6360i	0.1270+0.3836i	−0.1604+0.1784i
20.6	1.5135−0.4255i	−3.2871−0.7520i	−4.6945−0.6384i	−0.1976+0.4933i	−0.0480−0.1104i	−0.6163+0.7043i	0.1286+0.3767i	−0.1606+0.2017i
20.7	1.5276−0.4813i	−3.2199−0.7735i	−4.6499−0.6757i	−0.2030+0.4798i	−0.0524−0.1095i	−0.5790+0.7858i	0.1283+0.3722i	−0.1518+0.2259i
20.8	1.6059−0.4377i	−3.1649−0.7848i	−4.6087−0.6936i	−0.2033+0.4792i	−0.0534−0.1064i	−0.5360+0.8247i	0.1301+0.3736i	−0.1330+0.2480i
20.9	1.6331−0.4123i	−3.1339−0.7723i	−4.5540−0.6998i	−0.2114+0.4707i	−0.0536−0.1034i	−0.4597+0.8770i	0.1250+0.3620i	−0.1084+0.2724i
21.0	1.6155−0.4426i	−3.1069−0.7499i	−4.5073−0.6855i	−0.2240+0.4624i	−0.0565−0.1042i	−0.4134+0.9057i	0.1178+0.3619i	−0.0927+0.2863i
21.1	1.7233−0.5052i	−3.0485−0.7206i	−4.4530−0.6467i	−0.2524+0.4759i	−0.0589−0.1120i	−0.3754+0.9131i	0.1066+0.3736i	−0.0779+0.2981i
21.2	1.9170−0.4529i	−2.9883−0.7073i	−4.3833−0.6059i	−0.2694+0.5101i	−0.0624−0.1189i	−0.3346+0.9130i	0.0972+0.3842i	−0.0584+0.3042i
21.3	1.8419−0.4600i	−2.9303−0.7118i	−4.3091−0.5930i	−0.2623+0.5372i	−0.0751−0.1214i	−0.3134+0.8948i	0.1029+0.4054i	−0.0444+0.3172i
21.4	1.6690−0.5194i	−2.8997−0.6976i	−4.2151−0.5607i	−0.2329+0.5636i	−0.0910−0.1194i	−0.3053+0.8826i	0.1276+0.4273i	−0.0267+0.3353i
21.5	1.7226−0.5006i	−2.8299−0.6690i	−4.1309−0.5551i	−0.2011+0.5604i	−0.0974−0.1117i	−0.3678+0.8470i	0.1514+0.4248i	−0.0014+0.3250i
21.6	1.7465−0.4955i	−2.7590−0.6568i	−4.0817−0.5603i	−0.1922+0.5560i	−0.0987−0.1058i	−0.4057+0.8219i	0.1521+0.4248i	0.0127+0.3171i
21.7	1.8309−0.2905i	−2.7252−0.6704i	−4.0375−0.5872i	−0.1709+0.5520i	−0.1057−0.1000i	−0.4358+0.8689i	0.1667+0.4262i	0.0244+0.3236i
21.8	1.7468−0.3803i	−2.6521−0.6586i	−3.9351−0.5896i	−0.1552+0.5329i	−0.1026−0.0921i	−0.4921+0.8855i	0.1798+0.4116i	0.0432+0.3181i
21.9	1.6040−0.4282i	−2.5971−0.6494i	−3.8473−0.5834i	−0.1328+0.5214i	−0.1070−0.0852i	−0.5781+0.9652i	0.2003+0.4106i	0.0564+0.3234i
22.0	1.5994−0.4727i	−2.5437−0.6624i	−3.7627−0.6076i	−0.1289+0.5236i	−0.1111−0.0862i	−0.6637+1.0736i	0.2069+0.4106i	0.0638+0.3243i
22.1	1.6268−0.4464i	−2.4780−0.6507i	−3.6889−0.6302i	−0.1013+0.5013i	−0.1086−0.0783i	−0.7282+1.1420i	0.2265+0.3990i	0.0834+0.3287i
22.2	1.6609−0.4420i	−2.4215−0.6646i	−3.6354−0.6657i	−0.0856+0.4862i	−0.1077−0.0787i	−0.7309+1.3113i	0.2376+0.3902i	0.1027+0.3342i
22.3	1.6863−0.4338i	−2.3722−0.6848i	−3.5908−0.7205i	−0.0798+0.4565i	−0.1031−0.0781i	−0.7719+1.5343i	0.2472+0.3745i	0.1254+0.3375i
22.4	1.7625−0.3588i	−2.3416−0.7107i	−3.5346−0.7654i	−0.0776+0.4465i	−0.1074−0.0780i	−0.6628+1.7674i	0.2510+0.3644i	0.1467+0.3455i
22.5	1.7212−0.3383i	−2.2968−0.7658i	−3.5177−0.8170i	−0.0735+0.4156i	−0.1057−0.0787i	−0.5459+2.0364i	0.2542+0.3427i	0.1813+0.3428i
22.6	1.6980−0.3299i	−2.2888−0.7795i	−3.5232−0.8454i	−0.0751+0.3744i	−0.1089−0.0804i	−0.3909+2.2826i	0.2582+0.3237i	0.2192+0.3290i
22.7	1.7969−0.2781i	−2.3220−0.7765i	−3.5609−0.8715i	−0.0778+0.3569i	−0.1133−0.0788i	−0.0395+2.5001i	0.2645+0.3060i	0.2606+0.3142i
22.8	1.8588−0.2629i	−2.3197−0.7534i	−3.5774−0.8593i	−0.1023+0.3308i	−0.1190−0.0766i	0.3757+2.5340i	0.2585+0.2833i	0.2860+0.2772i
22.9	1.9393−0.1213i	−2.3474−0.7367i	−3.5957−0.8040i	−0.1283+0.3088i	−0.1264−0.0802i	0.7986+2.4755i	0.2554+0.2638i	0.2969+0.2350i
23.0	1.8632+0.0033i	−2.3465−0.6804i	−3.6174−0.7462i	−0.1453+0.2958i	−0.1386−0.0789i	1.1756+2.2247i	0.2476+0.2490i	0.2894+0.1988i
23.1	1.8657+0.0262i	−2.3219−0.6284i	−3.6177−0.7278i	−0.1373+0.2659i	−0.1497−0.0707i	1.4549+1.9835i	0.2500+0.2304i	0.2874+0.1698i
23.2	1.8602−0.1485i	−2.2779−0.5621i	−3.5692−0.6609i	−0.1562+0.2373i	−0.1532−0.0561i	1.5756+1.6688i	0.2375+0.2054i	0.2720+0.1438i
23.3	1.8956−0.2083i	−2.2171−0.5074i	−3.4975−0.5855i	−0.1905+0.2285i	−0.1481−0.0486i	1.5594+1.4257i	0.2171+0.1900i	0.2502+0.1236i
23.4	2.0140−0.1252i	−2.1727−0.4643i	−3.4515−0.5485i	−0.2232+0.2089i	−0.1485−0.0387i	1.5899+1.1684i	0.1959+0.1720i	0.2314+0.1155i
23.5	2.0329−0.0319i	−2.1210−0.4240i	−3.4098−0.5111i	−0.2581+0.2044i	−0.1424−0.0306i	1.5365+0.9567i	0.1722+0.1673i	0.2208+0.1160i
23.6	2.0286−0.1098i	−2.0432−0.4011i	−3.3540−0.4872i	−0.2844+0.2045i	−0.1357−0.0261i	1.4737+0.8132i	0.1507+0.1627i	0.2137+0.1170i
23.7	2.1072−0.1401i	−2.0095−0.3931i	−3.3051−0.4478i	−0.3160+0.1990i	−0.1341−0.0225i	1.4169+0.6973i	0.1358+0.1586i	0.2065+0.1207i
23.8	2.0740−0.1909i	−1.9283−0.3982i	−3.2386−0.4527i	−0.3426+0.1894i	−0.1324−0.0214i	1.3385+0.5777i	0.1137+0.1606i	0.2045+0.1280i
23.9	2.1752−0.1898i	−1.8772−0.3735i	−3.1984−0.4600i	−0.3561+0.2082i	−0.1277−0.0200i	1.2755+0.5096i	0.0988+0.1633i	0.2043+0.1285i
24.0	2.2751−0.2021i	−1.8066−0.3647i	−3.1019−0.4447i	−0.3755+0.2253i	−0.1236−0.0221i	1.2000+0.4346i	0.0831+0.1659i	0.2011+0.1297i
24.1	2.2789−0.1910i	−1.7562−0.3592i	−3.0349−0.4239i	−0.3906+0.2266i	−0.1205−0.0244i	1.1390+0.3995i	0.0722+0.1679i	0.2029+0.1294i
24.2	2.3229−0.1107i	−1.6979−0.3490i	−2.9867−0.3957i	−0.4053+0.2080i	−0.1175−0.0236i	1.0809+0.3451i	0.0626+0.1652i	0.2057+0.1301i
24.3	2.3462−0.1021i	−1.6514−0.3397i	−2.9362−0.3759i	−0.4317+0.2049i	−0.1176−0.0252i	1.0196+0.3033i	0.0499+0.1614i	0.2110+0.1283i
24.4	2.3657−0.0440i	−1.6052−0.3148i	−2.8898−0.3556i	−0.4517+0.2076i	−0.1172−0.0272i	0.9788+0.2742i	0.0392+0.1596i	0.2130+0.1264i
24.5	2.5371−0.0895i	−1.5241−0.3352i	−2.8191−0.3827i	−0.4762+0.1975i	−0.1186−0.0290i	0.9209+0.2473i	0.0170+0.1556i	0.2122+0.1254i

24.6	2.5768-0.1056i	-1.4657-0.3492i	-2.7673-0.4163i	-0.4931+0.1933i	-0.1189-0.0333i	0.8766+0.2345i	-0.0006+0.1546i	0.2159+0.1251i
24.7	2.6151-0.1088i	-1.4318-0.3282i	-2.7430-0.4065i	-0.5232+0.2145i	-0.1203-0.0368i	0.8360+0.2342i	-0.0218+0.1581i	0.2220+0.1252i
24.8	2.6526-0.1269i	-1.3736-0.3127i	-2.6810-0.3881i	-0.5570+0.2260i	-0.1228-0.0372i	0.7981+0.2166i	-0.0474+0.1642i	0.2288+0.1254i
24.9	2.6509-0.1361i	-1.3319-0.3199i	-2.6551-0.3895i	-0.5817+0.2324i	-0.1242-0.0352i	0.7633+0.2059i	-0.0687+0.1748i	0.2327+0.1183i
25.0	2.7500-0.2276i	-1.2732-0.3390i	-2.6222-0.4015i	-0.6083+0.2392i	-0.1278-0.0347i	0.7296+0.1876i	-0.0904+0.1926i	0.2334+0.1164i
25.1	2.7863-0.2085i	-1.2189-0.3079i	-2.5262-0.3639i	-0.6306+0.2691i	-0.1301-0.0427i	0.7051+0.1957i	-0.1026+0.2108i	0.2343+0.1144i
25.2	2.7514-0.1821i	-1.1783-0.3068i	-2.4875-0.3719i	-0.6415+0.2970i	-0.1321-0.0438i	0.6680+0.1899i	-0.1119+0.2231i	0.2409+0.1103i
25.3	2.7834-0.2171i	-1.1587-0.3242i	-2.4750-0.3765i	-0.6557+0.3073i	-0.1315-0.0429i	0.6372+0.1877i	-0.1193+0.2358i	0.2449+0.1065i
25.4	2.7994-0.2424i	-1.1041-0.3404i	-2.4207-0.3696i	-0.6823+0.3279i	-0.1369-0.0470i	0.6166+0.1835i	-0.1366+0.2523i	0.2490+0.1082i
25.5	2.8324-0.2706i	-1.0536-0.3436i	-2.3677-0.3741i	-0.6829+0.3415i	-0.1461-0.0485i	0.5963+0.1849i	-0.1481+0.2646i	0.2512+0.1064i
25.6	2.8880-0.2647i	-1.0100-0.3307i	-2.3271-0.3680i	-0.6929+0.3606i	-0.1535-0.0462i	0.5737+0.1864i	-0.1611+0.2821i	0.2545+0.1046i
25.7	2.9522-0.3784i	-0.9908-0.3409i	-2.2952-0.3708i	-0.7338+0.3896i	-0.1600-0.0461i	0.5427+0.1893i	-0.1736+0.3103i	0.2629+0.1015i
25.8	2.9474-0.3198i	-0.9406-0.3527i	-2.2402-0.3775i	-0.7270+0.4187i	-0.1633-0.0464i	0.5159+0.1952i	-0.1721+0.3350i	0.2653+0.0970i
25.9	3.0218-0.3741i	-0.8973-0.3623i	-2.2191-0.3986i	-0.7032+0.4481i	-0.1743-0.0500i	0.4908+0.2033i	-0.1661+0.3622i	0.2740+0.0952i
26.0	2.9821-0.4851i	-0.8666-0.3576i	-2.2005-0.4126i	-0.6920+0.4727i	-0.1869-0.0456i	0.4758+0.2097i	-0.1653+0.3857i	0.2877+0.0897i
26.1	2.9414-0.4329i	-0.8305-0.3733i	-2.1593-0.4023i	-0.6806+0.4840i	-0.1961-0.0323i	0.4621+0.2183i	-0.1579+0.4112i	0.2963+0.0780i
26.2	2.8656-0.4934i	-0.7923-0.3745i	-2.1212-0.4100i	-0.6524+0.4934i	-0.2005-0.0175i	0.4448+0.2268i	-0.1294+0.4312i	0.2954+0.0646i
26.3	2.9435-0.5402i	-0.7460-0.3471i	-2.0902-0.3972i	-0.6093+0.4982i	-0.1975-0.0078i	0.4397+0.2422i	-0.0970+0.4429i	0.2916+0.0532i
26.4	3.0027-0.4569i	-0.7312-0.3559i	-2.0747-0.4131i	-0.5927+0.4864i	-0.1937-0.0034i	0.4407+0.2512i	-0.0726+0.4312i	0.2872+0.0505i
26.5	3.0033-0.3700i	-0.7067-0.3892i	-2.0589-0.4268i	-0.5793+0.4492i	-0.1894+0.0047i	0.4233+0.2576i	-0.0421+0.4154i	0.2841+0.0438i
26.6	3.0132-0.2149i	-0.6869-0.3922i	-2.0454-0.4140i	-0.5948+0.4109i	-0.1857+0.0022i	0.4035+0.2634i	-0.0327+0.3885i	0.2822+0.0458i
26.7	3.0047-0.1792i	-0.6367-0.3560i	-1.9908-0.3736i	-0.6052+0.3807i	-0.1836-0.0047i	0.3975+0.2788i	-0.0413+0.3547i	0.2824+0.0520i
26.8	3.0539-0.2296i	-0.5881-0.3055i	-1.9524-0.3326i	-0.5996+0.3638i	-0.1899-0.0071i	0.3945+0.2804i	-0.0507+0.3360i	0.2891+0.0576i
26.9	3.1379-0.3090i	-0.5821-0.3061i	-1.9444-0.3169i	-0.6330+0.3580i	-0.1959-0.0058i	0.3819+0.2889i	-0.0700+0.3257i	0.2993+0.0589i
27.0	3.1939-0.2285i	-0.5432-0.2992i	-1.9003-0.2969i	-0.6606+0.3428i	-0.1968-0.0031i	0.3701+0.3186i	-0.0852+0.3170i	0.3069+0.0514i
27.1	3.1839-0.2459i	-0.5122-0.2541i	-1.8607-0.2620i	-0.6699+0.3272i	-0.1978-0.0017i	0.3647+0.3423i	-0.0957+0.3022i	0.3152+0.0463i
27.2	3.2258-0.1959i	-0.4641-0.1959i	-1.8182-0.2055i	-0.6836+0.3211i	-0.2029-0.0038i	0.3658+0.3631i	-0.1148+0.2887i	0.3231+0.0416i
27.3	3.2707-0.1907i	-0.4054-0.2285i	-1.7716-0.2069i	-0.7238+0.2926i	-0.2102-0.0006i	0.3603+0.3875i	-0.1417+0.2761i	0.3342+0.0381i
27.4	3.3548-0.1511i	-0.3910-0.2721i	-1.7483-0.2278i	-0.7729+0.2680i	-0.2120+0.0019i	0.3661+0.4177i	-0.1695+0.2724i	0.3442+0.0318i
27.5	3.4249-0.0809i	-0.3758-0.2146i	-1.7242-0.1987i	-0.8177+0.2875i	-0.2148+0.0017i	0.3934+0.4451i	-0.2051+0.2768i	0.3557+0.0200i
27.6	3.4352-0.0793i	-0.3718-0.1759i	-1.7061-0.1602i	-0.8858+0.3065i	-0.2229+0.0056i	0.4221+0.4673i	-0.2392+0.2850i	0.3653+0.0095i
27.7	3.5637-0.2225i	-0.2565-0.1869i	-1.6010-0.1504i	-0.9197+0.3066i	-0.2324+0.0065i	0.4480+0.4751i	-0.2710+0.3041i	0.3643-0.0065i
27.8	3.6594-0.1825i	-0.2110-0.1690i	-1.5709-0.1473i	-0.9500+0.3132i	-0.2378+0.0130i	0.4681+0.4818i	-0.2968+0.3131i	0.3686-0.0190i
27.9	3.7337-0.1753i	-0.2027-0.1302i	-1.5301-0.1064i	-0.9927+0.3466i	-0.2414+0.0201i	0.4947+0.4804i	-0.3297+0.3316i	0.3728-0.0309i
28.0	3.8192-0.3524i	-0.1006-0.1459i	-1.4511-0.1161i	-1.0207+0.3987i	-0.2515+0.0245i	0.5309+0.4698i	-0.3692+0.3724i	0.3688-0.0450i
28.1	3.8714-0.4689i	-0.0869-0.1651i	-1.4459-0.1408i	-1.0622+0.4329i	-0.2560+0.0247i	0.5594+0.4614i	-0.3809+0.4158i	0.3628-0.0514i
28.2	3.9087-0.4323i	-0.0059-0.1192i	-1.3760-0.0951i	-1.0456+0.5035i	-0.2704+0.0206i	0.5871+0.4403i	-0.3681+0.4694i	0.3650-0.0491i
28.3	3.8294-0.4268i	0.1220-0.1000i	-1.2923-0.0751i	-0.9677+0.4910i	-0.2923+0.0359i	0.6094+0.4070i	-0.3389+0.4754i	0.3753-0.0580i
28.4	3.7946-0.4001i	0.1765-0.1105i	-1.2282-0.0659i	-0.9621+0.4740i	-0.2999+0.0584i	0.6239+0.3707i	-0.3416+0.4597i	0.3751-0.0723i
28.5	3.8611-0.3937i	0.2114-0.0839i	-1.1974-0.0508i	-1.0046+0.4726i	-0.3038+0.0673i	0.6309+0.3447i	-0.3660+0.4576i	0.3777-0.0785i
28.6	3.9525-0.3903i	0.2457-0.0975i	-1.1856-0.0714i	-1.0566+0.4785i	-0.3065+0.0806i	0.6243+0.3344i	-0.3975+0.4745i	0.3839-0.0881i
28.7	4.1352-0.3294i	0.2754-0.0772i	-1.1419-0.0615i	-1.1008+0.5045i	-0.3151+0.0936i	0.6245+0.3097i	-0.4201+0.4956i	0.3899-0.0963i
28.8	4.1278-0.4830i	0.3284-0.1075i	-1.1118-0.0780i	-1.1577+0.5456i	-0.3191+0.1149i	0.6056+0.2891i	-0.4458+0.5360i	0.3982-0.1145i
28.9	4.1595-0.4772i	0.3596-0.1303i	-1.0742-0.0753i	-1.1760+0.5582i	-0.3171+0.1281i	0.5961+0.2730i	-0.4540+0.5574i	0.3958-0.1276i
29.0	4.2029-0.4891i	0.4531-0.0884i	-1.0084-0.0072i	-1.1473+0.5849i	-0.3115+0.1532i	0.5937+0.2489i	-0.4559+0.5969i	0.3898-0.1496i
29.1	4.2848-0.5549i	0.5064-0.0802i	-0.9651+0.0224i	-1.1492+0.6345i	-0.3071+0.1747i	0.5837+0.2339i	-0.4638+0.6427i	0.3884-0.1683i
29.2	4.3485-0.5608i	0.5381-0.0966i	-0.9382-0.0105i	-1.1783+0.6825i	-0.3006+0.1871i	0.5678+0.2243i	-0.4790+0.6732i	0.3892-0.1767i
29.3	4.3274-0.6457i	0.5930-0.0839i	-0.8963+0.0380i	-1.1978+0.7408i	-0.2918+0.2024i	0.5478+0.2204i	-0.4799+0.7261i	0.3878-0.1992i
29.4	4.4171-0.6556i	0.6171-0.0961i	-0.8710+0.0295i	-1.2274+0.7704i	-0.2847+0.2151i	0.5290+0.2095i	-0.4844+0.7674i	0.3876-0.2119i
29.5	4.3774-0.7506i	0.6603-0.1167i	-0.8403+0.0360i	-1.2265+0.8022i	-0.2734+0.2267i	0.5161+0.2077i	-0.4736+0.8156i	0.3779-0.2306i
29.6	4.3711-0.7864i	0.7154-0.1116i	-0.7733+0.0514i	-1.2004+0.8109i	-0.2546+0.2268i	0.5042+0.2036i	-0.4477+0.8347i	0.3599-0.2357i
29.7	4.4170-0.8175i	0.7470-0.0975i	-0.7336+0.0769i	-1.2009+0.8338i	-0.2484+0.2333i	0.4858+0.1977i	-0.4358+0.8692i	0.3563-0.2457i
29.8	4.3995-0.8138i	0.7888-0.0882i	-0.7053+0.1037i	-1.1741+0.8831i	-0.2365+0.2330i	0.4729+0.1957i	-0.4120+0.9014i	0.3431-0.2533i
29.9	4.3854-0.9310i	0.8126-0.0780i	-0.6834+0.1038i	-1.1419+0.9330i	-0.2255+0.2413i	0.4609+0.2066i	-0.3766+0.9407i	0.3324-0.2683i
30.0	4.4024-0.8962i	0.8401-0.0640i	-0.6294+0.1460i	-1.1298+0.9423i	-0.2116+0.2454i	0.4520+0.2161i	-0.3366+0.9591i	0.3140-0.2823i
30.1	4.3809-0.9118i	0.8792-0.0678i	-0.5998+0.1615i	-1.0960+0.9799i	-0.2070+0.2520i	0.4229+0.2220i	-0.2890+1.0087i	0.3030-0.2967i
30.2	4.3469-0.9443i	0.9000-0.0804i	-0.5669+0.1458i	-1.0641+1.0076i	-0.1967+0.2545i	0.4131+0.2334i	-0.2338+1.0212i	0.2815-0.3086i
30.3	4.3504-0.9631i	0.9472-0.0442i	-0.5165+0.1903i	-1.0217+1.0149i	-0.1933+0.2493i	0.4022+0.2441i	-0.1937+1.0197i	0.2622-0.3141i
30.4	4.3725-0.9407i	1.0141-0.0318i	-0.4482+0.2266i	-1.0084+0.9830i	-0.2033+0.2493i	0.3980+0.2576i	-0.1912+1.0015i	0.2523-0.3016i
30.5	4.3994-0.9275i	1.0541-0.0343i	-0.4207+0.2554i	-1.0055+0.9851i	-0.2047+0.2675i	0.3996+0.2717i	-0.1769+1.0193i	0.2495-0.3005i
30.6	4.4385-0.9716i	1.0553-0.0602i	-0.4098+0.2680i	-0.9950+1.0108i	-0.1893+0.2811i	0.3959+0.2753i	-0.1395+1.0354i	0.2415-0.3016i
30.7	4.4273-0.9742i	1.1042-0.0576i	-0.3458+0.2930i	-0.9741+1.0045i	-0.1715+0.2831i	0.3825+0.2886i	-0.0979+1.0324i	0.2320-0.3027i
30.8	4.3435-0.9524i	1.1566-0.0536i	-0.3103+0.2918i	-0.9402+0.9734i	-0.1547+0.2806i	0.3676+0.3049i	-0.0516+1.0137i	0.2195-0.3013i

30.9	4.3253−0.9349i	1.1824−0.0283i	−0.2610+0.3271i	−0.8945+0.9606i	−0.1398+0.2831i	0.3611+0.3243i	0.0036+1.0005i	0.2049−0.3077i
31.0	4.3848−0.8804i	1.2215+0.0359i	−0.2056+0.3988i	−0.8741+0.9457i	−0.1284+0.2806i	0.3539+0.3426i	0.0357+0.9769i	0.1944−0.3078i
31.1	4.4337−0.8886i	1.2523+0.0520i	−0.1497+0.4155i	−0.8576+0.9181i	−0.1070+0.2843i	0.3663+0.3935i	0.0695+0.9497i	0.1687−0.3122i
31.2	4.4209−0.8989i	1.3274+0.0702i	−0.1013+0.4254i	−0.8462+0.8996i	−0.0956+0.2755i	0.3723+0.4198i	0.0762+0.9233i	0.1545−0.3056i
31.3	4.4180−0.7594i	1.3536+0.1113i	−0.0537+0.4761i	−0.8572+0.8735i	−0.0890+0.2568i	0.3795+0.4405i	0.0865+0.8772i	0.1419−0.2860i
31.4	4.4745−0.7460i	1.3875+0.1405i	0.0207+0.5157i	−0.8565+0.8488i	−0.0806+0.2519i	0.3994+0.4902i	0.0999+0.8476i	0.1282−0.2765i
31.5	4.4718−0.7595i	1.4455+0.1861i	0.0475+0.5503i	−0.8419+0.8144i	−0.0779+0.2437i	0.4007+0.5170i	0.0989+0.8116i	0.1214−0.2650i
31.6	4.3570−0.7573i	1.5068+0.2045i	0.1343+0.6256i	−0.8492+0.7864i	−0.0755+0.2356i	0.4351+0.5478i	0.1040+0.7847i	0.1198−0.2539i
31.7	4.5237−0.6663i	1.5936+0.2376i	0.2206+0.6839i	−0.8452+0.7678i	−0.0750+0.2261i	0.4866+0.6015i	0.1066+0.7568i	0.1192−0.2421i
31.8	4.5326−0.5856i	1.6471+0.3100i	0.2606+0.7391i	−0.8588+0.7474i	−0.0768+0.2195i	0.5511+0.6381i	0.0906+0.7307i	0.1232−0.2286i
31.9	4.5789−0.5766i	1.7521+0.3646i	0.3746+0.7905i	−0.8847+0.7241i	−0.0812+0.2166i	0.6109+0.6743i	0.0663+0.7077i	0.1278−0.2207i
32.0	4.6379−0.5648i	1.8284+0.3839i	0.4877+0.7845i	−0.8929+0.6910i	−0.0825+0.2084i	0.6869+0.6416i	0.0567+0.6738i	0.1277−0.2078i
32.1	4.7193−0.5290i	1.9091+0.3938i	0.6000+0.7977i	−0.9112+0.6425i	−0.0798+0.1979i	0.8014+0.6208i	0.0455+0.6340i	0.1299−0.1892i
32.2	4.8774−0.5265i	1.9957+0.3789i	0.7079+0.7779i	−0.9358+0.6115i	−0.0811+0.1899i	0.9062+0.6018i	0.0253+0.6086i	0.1343−0.1770i
32.3	5.0052−0.4886i	2.1337+0.4119i	0.8545+0.8289i	−0.9711+0.5787i	−0.0859+0.1800i	0.9506+0.5489i	−0.0069+0.5831i	0.1441−0.1638i
32.4	4.9974−0.3500i	2.2272+0.4527i	0.9339+0.8470i	−0.9982+0.5640i	−0.0938+0.1714i	0.9792+0.4858i	−0.0356+0.5631i	0.1585−0.1560i
32.5	4.9982−0.2709i	2.3015+0.4452i	0.9804+0.8456i	−1.0201+0.5291i	−0.0985+0.1643i	1.0415+0.3874i	−0.0576+0.5356i	0.1748−0.1497i
32.6	5.0810−0.1675i	2.3892+0.4687i	1.0809+0.8615i	−1.0802+0.4646i	−0.1143+0.1535i	1.0493+0.3002i	−0.0985+0.4927i	0.1945−0.1421i
32.7	5.0795−0.0068i	2.5183+0.4672i	1.1854+0.8336i	−1.1378+0.4412i	−0.1269+0.1457i	1.0203+0.2169i	−0.1467+0.4527i	0.2142−0.1360i
32.8	5.1269−0.0279i	2.6177+0.4221i	1.2276+0.7735i	−1.2102+0.4245i	−0.1374+0.1438i	0.9762+0.1650i	−0.2125+0.4369i	0.2307−0.1369i
32.9	5.2159−0.1846i	2.7038+0.3818i	1.2786+0.7748i	−1.3011+0.4029i	−0.1560+0.1440i	0.9469+0.1398i	−0.2990+0.4328i	0.2520−0.1380i
33.0	5.4362−0.2063i	2.7781+0.3914i	1.3278+0.7655i	−1.4144+0.3983i	−0.1817+0.1411i	0.8718+0.0967i	−0.3932+0.4326i	0.2806−0.1389i
33.1	5.7724−0.2237i	2.8696+0.3653i	1.3889+0.7299i	−1.5296+0.4359i	−0.2068+0.1444i	0.8448+0.0862i	−0.4908+0.4583i	0.3068−0.1444i
33.2	6.0718−0.3026i	2.9663+0.3222i	1.4435+0.7500i	−1.6535+0.5176i	−0.2429+0.1621i	0.8613+0.1032i	−0.5994+0.5333i	0.3416−0.1641i
33.3	6.1738−0.4200i	3.0266+0.2894i	1.4756+0.7500i	−1.6831+0.5942i	−0.2566+0.1880i	0.8807+0.0584i	−0.6380+0.6161i	0.3614−0.1888i
33.4	6.2340−0.4721i	3.0965+0.2128i	1.5537+0.7634i	−1.7152+0.6817i	−0.2730+0.2179i	0.8743+0.0212i	−0.6708+0.7092i	0.3793−0.2212i
33.5	6.3013−0.5632i	3.1662+0.1729i	1.5782+0.8104i	−1.7526+0.7782i	−0.2822+0.2592i	0.8430−0.0239i	−0.7004+0.8037i	0.3947−0.2639i
33.6	6.3043−0.7736i	3.2293+0.1582i	1.6591+0.8445i	−1.7355+0.8803i	−0.2641+0.3005i	0.8121−0.0389i	−0.6820+0.9148i	0.3880−0.3097i
33.7	6.2590−0.8754i	3.2665+0.1365i	1.7038+0.8785i	−1.7208+0.9415i	−0.2477+0.3274i	0.7769−0.0372i	−0.6581+0.9899i	0.3768−0.3408i
33.8	6.2841−0.9665i	3.2935+0.1310i	1.7557+0.9296i	−1.6744+0.9886i	−0.2192+0.3376i	0.7414−0.0638i	−0.5975+1.0352i	0.3534−0.3562i
33.9	6.3282−0.9489i	3.3253+0.1312i	1.8414+0.9800i	−1.6210+0.9818i	−0.1855+0.3371i	0.7120−0.0696i	−0.5431+1.0530i	0.3333−0.3676i
34.0	6.3259−0.9335i	3.3699+0.1398i	1.8742+1.0176i	−1.5994+0.9826i	−0.1682+0.3358i	0.6946−0.0733i	−0.5093+1.0672i	0.3181−0.3776i
34.1	6.2886−1.0593i	3.4341+0.1644i	1.9774+1.0488i	−1.5852+0.9702i	−0.1554+0.3138i	0.6442−0.0881i	−0.4786+1.0512i	0.3049−0.3709i
34.2	6.4005−0.9933i	3.5129+0.1865i	2.1502+1.0958i	−1.5968+0.9456i	−0.1537+0.2901i	0.6246−0.0925i	−0.4662+1.0381i	0.2983−0.3617i
34.3	6.4805−0.8364i	3.6276+0.1794i	2.2507+1.0890i	−1.6044+0.9238i	−0.1608+0.2767i	0.5894−0.0675i	−0.4695+1.0291i	0.3039−0.3627i
34.4	6.4438−0.7583i	3.7263+0.2052i	2.3811+1.1052i	−1.6341+0.9143i	−0.1723+0.2661i	0.5744−0.0457i	−0.4878+1.0187i	0.3110−0.3610i
34.5	6.6151−0.7273i	3.8344+0.1910i	2.4673+1.1197i	−1.6880+0.9108i	−0.1934+0.2586i	0.5595−0.0307i	−0.5189+1.0148i	0.3278−0.3544i
34.6	6.7098−0.7641i	3.8834+0.1530i	2.5372+1.0825i	−1.7387+0.9320i	−0.2086+0.2700i	0.5489−0.0112i	−0.5461+1.0408i	0.3320−0.3736i
34.7	6.8499−0.8694i	3.9673+0.0855i	2.6040+1.0720i	−1.7825+0.9491i	−0.2271+0.2825i	0.5406+0.0129i	−0.5831+1.0663i	0.3502−0.3917i
34.8	7.0102−0.9792i	4.0945+0.0408i	2.7037+1.0517i	−1.8330+0.9952i	−0.2472+0.2958i	0.5496+0.0208i	−0.6159+1.1079i	0.3707−0.4057i
34.9	6.9852−0.9840i	4.1128−0.0088i	2.7552+1.0802i	−1.8688+1.0208i	−0.2533+0.3126i	0.5491+0.0145i	−0.6291+1.1438i	0.3752−0.4236i
35.0	7.0597−0.9479i	4.1837−0.0673i	2.7971+1.0454i	−1.9010+1.0760i	−0.2736+0.3370i	0.5649+0.0332i	−0.6468+1.1976i	0.3910−0.4534i
35.1	7.1256−1.0407i	4.2443−0.0916i	2.8236+1.0751i	−1.9051+1.1232i	−0.2817+0.3579i	0.5727+0.0532i	−0.6553+1.2401i	0.3991−0.4853i
35.2	7.1873−1.1316i	4.2923−0.0799i	2.8893+1.1078i	−1.9295+1.1784i	−0.2916+0.3718i	0.5905+0.0551i	−0.6622+1.2829i	0.4144−0.5044i
35.3	7.1668−1.2524i	4.3264−0.1050i	2.8865+1.1405i	−1.9469+1.2079i	−0.3099+0.3965i	0.5974+0.0569i	−0.6741+1.3220i	0.4351−0.5444i
35.4	7.2566−1.3637i	4.3807−0.1747i	2.9587+1.2147i	−1.9683+1.2557i	−0.3205+0.4366i	0.6145+0.0598i	−0.6794+1.3908i	0.4449−0.6068i
35.5	7.3092−1.3579i	4.4452−0.2297i	3.0951+1.2531i	−1.9904+1.2814i	−0.3182+0.4600i	0.6218+0.0667i	−0.6611+1.4306i	0.4312−0.6475i
35.6	7.2864−1.4347i	4.4588−0.2348i	3.1806+1.3794i	−2.0059+1.3151i	−0.3209+0.4934i	0.6261+0.0789i	−0.6566+1.4730i	0.4117−0.6986i
35.7	7.3703−1.5900i	4.4851−0.2700i	3.2458+1.4355i	−2.0126+1.3384i	−0.3078+0.5223i	0.6283+0.0781i	−0.6533+1.5110i	0.3871−0.7408i
35.8	7.5065−1.5016i	4.5393−0.2425i	3.3844+1.5655i	−2.0482+1.3841i	−0.3068+0.5447i	0.6475+0.0722i	−0.6577+1.5600i	0.3687−0.7838i
35.9	7.6535−1.5128i	4.6282−0.2782i	3.6080+1.5985i	−2.0628+1.4473i	−0.2983+0.5815i	0.6794+0.0726i	−0.6352+1.6314i	0.3233−0.8287i
36.0	7.6555−1.6706i	4.6646−0.3879i	3.7081+1.6005i	−2.0575+1.5038i	−0.2820+0.6191i	0.7057+0.0685i	−0.5993+1.6863i	0.2827−0.8712i
36.1	7.8248−1.8402i	4.7337−0.4172i	3.9667+1.6082i	−2.0521+1.5306i	−0.2604+0.6494i	0.7342+0.0569i	−0.5601+1.7250i	0.2277−0.8862i
36.2	7.8901−1.7263i	4.7746−0.4327i	4.1196+1.7082i	−2.0624+1.5605i	−0.2491+0.6763i	0.7655+0.0446i	−0.5412+1.7581i	0.1878−0.9044i
36.3	7.8240−1.8135i	4.8226−0.5043i	4.2581+1.7095i	−2.0804+1.6131i	−0.2291+0.7075i	0.7885+0.0141i	−0.5265+1.8011i	0.1500−0.9286i
36.4	7.8573−1.9968i	4.9191−0.5145i	4.4014+1.6209i	−2.0906+1.6826i	−0.2024+0.7415i	0.8144−0.0197i	−0.4980+1.8547i	0.1116−0.9457i
36.5	7.8838−2.0561i	4.9020−0.5621i	4.5356+1.5802i	−2.0688+1.7356i	−0.1718+0.7681i	0.8295−0.0513i	−0.4508+1.8976i	0.0611−0.9586i
36.6	7.8256−2.0961i	4.8690−0.5732i	4.6138+1.5722i	−2.0479+1.7927i	−0.1438+0.7813i	0.8514−0.0837i	−0.4053+1.9209i	0.0184−0.9519i
36.7	7.8775−2.1132i	4.8619−0.5625i	4.7322+1.5594i	−2.0096+1.8502i	−0.1069+0.7858i	0.8711−0.1238i	−0.3507+1.9361i	−0.0318−0.9316i
36.8	7.9232−2.0979i	4.8991−0.5608i	4.9021+1.5085i	−1.9915+1.8894i	−0.0825+0.7950i	0.8791−0.1656i	−0.3076+1.9612i	−0.0660−0.9245i
36.9	7.9742−2.2794i	4.8594−0.5427i	5.0036+1.5002i	−1.9775+1.9121i	−0.0683+0.8021i	0.8862−0.2244i	−0.2738+1.9699i	−0.0848−0.9083i
37.0	8.1063−2.3585i	4.8496−0.5396i	5.0575+1.5461i	−1.9809+1.9366i	−0.0426+0.8107i	0.8894−0.2809i	−0.2527+1.9719i	−0.1125−0.8960i
37.1	8.0821−2.3891i	4.9366−0.5347i	5.1656+1.5633i	−1.9624+1.9880i	−0.0286+0.8255i	0.8918−0.3320i	−0.2246+2.0032i	−0.1320−0.8936i

37.2	8.0287-2.4406i	5.0018-0.5507i	5.2940+1.5619i	-1.9651+2.0203i	-0.0230+0.8491i	0.8738-0.3896i	-0.2086+2.0277i	-0.1377-0.9012i
37.3	7.9763-2.4093i	5.0317-0.5634i	5.4388+1.6955i	-1.9204+2.0344i	0.0029+0.8795i	0.8475-0.4649i	-0.1646+2.0451i	-0.1638-0.9099i
37.4	7.9299-2.4087i	5.0649-0.6153i	5.5460+1.6531i	-1.8868+2.0827i	0.0389+0.9179i	0.8100-0.5232i	-0.1196+2.0715i	-0.1979-0.9263i
37.5	8.0567-2.5120i	5.1448-0.6170i	5.7261+1.6419i	-1.8717+2.0927i	0.0667+0.9391i	0.7576-0.5956i	-0.0850+2.0764i	-0.2140-0.9159i
37.6	8.1468-2.5451i	5.1136-0.5852i	5.8841+1.7009i	-1.8889+2.1099i	0.1068+0.9690i	0.7153-0.6640i	-0.0597+2.1009i	-0.2467-0.9177i
37.7	8.1028-2.6357i	5.0341-0.6073i	6.0611+1.7424i	-1.8746+2.1714i	0.1791+1.0018i	0.6029-0.7307i	-0.0109+2.1295i	-0.2987-0.9170i
37.8	8.0421-2.6941i	5.0609-0.5866i	6.2339+1.7461i	-1.8450+2.1842i	0.2149+1.0163i	0.5361-0.7941i	0.0255+2.1497i	-0.3112-0.8996i
37.9	8.0164-2.9196i	5.0128-0.5288i	6.4442+1.7505i	-1.7724+2.2483i	0.2813+1.0412i	0.4127-0.8202i	0.1022+2.1773i	-0.3267-0.9058i
38.0	7.9365-2.9523i	5.0360-0.4988i	6.6599+1.7162i	-1.7141+2.2841i	0.3617+1.0318i	0.2845-0.7747i	0.1925+2.1667i	-0.3522-0.9021i
38.1	8.0491-2.8441i	5.0787-0.3992i	6.9524+1.7252i	-1.6911+2.2210i	0.4364+1.0176i	0.1693-0.7304i	0.2509+2.1198i	-0.3889-0.8988i
38.2	8.0025-2.7808i	5.1086-0.3133i	7.1103+1.6366i	-1.6488+2.1579i	0.4910+0.9685i	0.0885-0.6709i	0.2828+2.0383i	-0.4012-0.8672i
38.3	8.0663-2.7416i	5.1873-0.3546i	7.2831+1.5113i	-1.6470+2.0988i	0.5344+0.9459i	0.0341-0.5974i	0.2752+1.9805i	-0.4121-0.8798i
38.4	8.1630-2.7781i	5.2437-0.3303i	7.3762+1.4251i	-1.6844+2.1031i	0.5625+0.9247i	0.0157-0.5362i	0.2446+1.9707i	-0.4217-0.8963i
38.5	8.4349-2.7925i	5.2315-0.2363i	7.6359+1.3810i	-1.7650+2.1147i	0.5830+0.8849i	0.0040-0.4738i	0.2112+1.9652i	-0.4335-0.8867i
38.6	8.3921-2.8415i	5.2157-0.1555i	7.8703+1.3305i	-1.8284+2.1486i	0.6211+0.8591i	-0.0221-0.4001i	0.1906+1.9762i	-0.4664-0.9094i
38.7	8.5781-2.8450i	5.2248-0.1315i	7.9502+1.3485i	-1.8613+2.2145i	0.6673+0.8499i	-0.0427-0.3452i	0.1928+2.0125i	-0.4955-0.9454i
38.8	8.5446-2.9810i	5.2688-0.0785i	8.0238+1.2907i	-1.8543+2.2851i	0.7022+0.8181i	-0.0226-0.2957i	0.1991+2.0348i	-0.5357-0.9672i
38.9	8.5406-3.1300i	5.2658+0.0358i	8.2611+1.1562i	-1.8705+2.3352i	0.7607+0.7877i	-0.0096-0.2265i	0.2106+2.0568i	-0.6273-0.9817i
39.0	8.6589-3.2118i	5.2528+0.1316i	8.3594+1.1802i	-1.8689+2.3857i	0.7963+0.7447i	-0.0013-0.1979i	0.2396+2.0768i	-0.6968-0.9774i
39.1	8.7256-3.3322i	5.2949+0.2734i	8.6183+1.1671i	-1.8395+2.4304i	0.8308+0.6906i	0.0255-0.1752i	0.2640+2.0788i	-0.7938-0.9446i
39.2	8.7286-3.4621i	5.4521+0.3575i	8.8387+1.0415i	-1.8480+2.4850i	0.8656+0.6490i	0.0480-0.1388i	0.2581+2.1015i	-0.8778-0.9145i
39.3	8.7445-3.6277i	5.4991+0.4684i	8.9125+0.8821i	-1.8474+2.6066i	0.8758+0.6111i	0.0843-0.1278i	0.2728+2.1552i	-0.9317-0.8696i
39.4	8.6726-3.8156i	5.6567+0.6170i	9.1668+0.7388i	-1.7789+2.7077i	0.8930+0.5823i	0.1042-0.1178i	0.3187+2.2088i	-0.9846-0.8285i
39.5	8.6298-4.0461i	5.8364+0.7455i	9.4108+0.6010i	-1.6504+2.7834i	0.9264+0.5355i	0.1162-0.1196i	0.4057+2.2287i	-1.0741-0.7664i
39.6	8.5454-4.1218i	5.8815+0.8603i	9.5880+0.5105i	-1.5886+2.7958i	0.9413+0.4673i	0.1186-0.1409i	0.4539+2.2306i	-1.1400-0.6648i
39.7	8.3639-4.0983i	5.9727+0.9283i	9.6525+0.2912i	-1.5091+2.8275i	0.9429+0.4105i	0.1061-0.1394i	0.5153+2.2209i	-1.1513-0.5357i
39.8	8.2968-4.1091i	6.1601+1.0542i	9.7586+0.1689i	-1.4423+2.8566i	0.9032+0.3563i	0.1024-0.1198i	0.5540+2.2077i	-1.0813-0.4485i
39.9	8.2189-4.1395i	6.3301+1.0526i	9.7838+0.0596i	-1.3931+2.8352i	0.8942+0.3032i	0.1380-0.1153i	0.5898+2.1875i	-1.0837-0.3929i
40.0	8.0175-3.9677i	6.4839+1.0808i	9.7081+0.0034i	-1.3389+2.7793i	0.9060+0.2908i	0.1526-0.1113i	0.6224+2.1409i	-1.1132-0.3747i
40.1	7.9738-4.0644i	6.7246+1.1752i	9.9760-0.2021i	-1.2876+2.7408i	0.8831+0.2646i	0.1451-0.1148i	0.6476+2.1121i	-1.0782-0.3063i
40.2	7.8871-4.1484i	6.8186+1.2207i	10.0791-0.2191i	-1.2422+2.7119i	0.8721+0.2334i	0.1476-0.1227i	0.6644+2.0791i	-1.0605-0.2601i
40.3	7.9851-4.0234i	6.7950+1.2538i	10.1427-0.3226i	-1.2480+2.6945i	0.8712+0.2020i	0.1656-0.1325i	0.6759+2.0585i	-1.0613-0.2129i
40.4	8.0482-4.0469i	7.0322+1.2853i	10.2327-0.4007i	-1.1973+2.6672i	0.8616+0.1971i	0.1583-0.1328i	0.6891+2.0415i	-1.0349-0.1943i
40.5	7.9181-4.0040i	7.1243+1.2761i	10.2479-0.3954i	-1.1437+2.6552i	0.8539+0.1651i	0.1640-0.1432i	0.7247+2.0291i	-1.0042-0.1669i
40.6	7.8465-3.9243i	7.2156+1.3448i	10.3707-0.3376i	-1.1241+2.6287i	0.8525+0.1341i	0.1586-0.1622i	0.7336+2.0035i	-1.0024-0.1244i
40.7	7.8723-3.9125i	7.4025+1.3930i	10.4233-0.4472i	-1.1142+2.5889i	0.8582+0.1320i	0.1565-0.1628i	0.7444+1.9802i	-0.9682-0.1289i
40.8	7.9774-3.8507i	7.5270+1.4253i	10.5638-0.6823i	-1.0917+2.5606i	0.8437+0.1056i	0.1612-0.1640i	0.7241+1.9573i	-0.9142-0.1075i
40.9	7.9871-3.9083i	7.6031+1.5177i	10.7107-0.9289i	-1.1961+2.5979i	0.8594+0.0679i	0.1592-0.1726i	0.6648+1.9666i	-0.9427-0.0616i
41.0	7.9578-3.9945i	7.7820+1.6130i	10.8777-0.9320i	-1.1974+2.6432i	0.8241-0.0037i	0.1454-0.2181i	0.6601+2.0050i	-0.9091-0.0110i
41.1	8.0622-4.0110i	8.0201+1.6919i	10.9632-0.8666i	-1.1195+2.7053i	0.7975-0.0437i	0.1270-0.2428i	0.6906+2.0539i	-0.9066+0.0251i
41.2	7.9104-3.8657i	8.0386+1.6580i	10.9794-0.6894i	-1.1196+2.6579i	0.7782-0.0613i	0.0930-0.2432i	0.7133+2.0167i	-0.9323+0.0175i
41.3	7.8174-3.8698i	8.2086+1.7865i	11.1212-0.7068i	-1.0842+2.6318i	0.7612-0.0655i	0.0609-0.2339i	0.7371+2.0042i	-0.9606+0.0468i
41.4	7.9202-3.8173i	8.4608+1.8063i	11.3836-0.8261i	-1.0376+2.5817i	0.7374-0.0594i	0.0454-0.2224i	0.7556+1.9635i	-0.8946+0.0527i
41.5	7.9143-3.9026i	8.6287+1.8095i	11.5331-0.9364i	-1.0886+2.6384i	0.7318-0.0971i	0.0356-0.2422i	0.7358+1.9967i	-0.8824+0.0648i
41.6	7.7793-3.9366i	8.8704+1.9102i	11.3290-0.9273i	-0.9945+2.6531i	0.7116-0.0938i	0.0022-0.2371i	0.8109+2.0103i	-0.8860+0.1026i
41.7	7.9815-3.7083i	8.8875+1.8789i	11.5976-0.9002i	-1.0621+2.4891i	0.7255-0.0711i	-0.0199-0.2209i	0.7574+1.9111i	-0.8801+0.0831i
41.8	8.1073-3.8955i	8.9230+2.0499i	11.8123-0.9519i	-1.1839+2.5862i	0.7423-0.1548i	-0.0510-0.2347i	0.6773+1.9968i	-0.9147+0.1838i
41.9	8.0787-4.0800i	9.2394+2.1249i	11.9386-1.0267i	-1.0895+2.6953i	0.6893-0.2207i	-0.1138-0.2123i	0.7429+2.0905i	-0.8556+0.2583i
42.0	7.8320-3.9301i	9.4832+2.0874i	12.3268-1.0159i	-0.9695+2.6520i	0.6242-0.1946i	-0.1430-0.1581i	0.8256+2.0456i	-0.7965+0.2357i
42.1	8.1336-3.8096i	9.5574+2.0771i	12.4900-1.1145i	-1.0205+2.5248i	0.6385-0.1532i	-0.1295-0.1098i	0.7977+1.9464i	-0.8035+0.1921i
42.2	8.2945-3.6865i	9.7203+2.1732i	12.9194-1.1962i	-1.0488+2.5070i	0.6222-0.1842i	-0.1268-0.0830i	0.7688+1.9558i	-0.7876+0.2279i
42.3	8.2040-3.6787i	9.8678+2.1969i	13.0723-1.1136i	-1.1068+2.4442i	0.6254-0.2094i	-0.1069-0.0685i	0.7242+1.9403i	-0.7588+0.2330i
42.4	8.4752-3.8672i	10.0195+2.1954i	13.3116-0.9295i	-1.2466+2.5355i	0.6145-0.2766i	-0.0965-0.0780i	0.6621+2.0162i	-0.7883+0.2443i
42.5	8.3882-4.0416i	10.2552+2.2185i	13.3537-1.0165i	-1.2333+2.6309i	0.5730-0.2917i	-0.1133-0.0738i	0.7106+2.0745i	-0.7797+0.2213i
42.6	8.0812-4.3142i	10.5344+2.2608i	13.5176-1.2455i	-1.1246+2.6523i	0.5153-0.2889i	-0.1296-0.0495i	0.7875+2.0721i	-0.7677+0.2341i
42.7	8.0131-4.1529i	10.6835+2.4120i	13.5844-1.4710i	-1.0822+2.6778i	0.4706-0.2991i	-0.1231-0.0318i	0.8208+2.0976i	-0.7408+0.3158i
42.8	8.1702-4.1492i	10.7857+2.3682i	14.1838-1.8032i	-1.1771+2.6273i	0.4504-0.2829i	-0.1212-0.0306i	0.7922+2.0781i	-0.7689+0.3490i
42.9	8.1468-4.2668i	10.9912+2.3888i	14.0835-1.4657i	-1.2093+2.6251i	0.4641-0.2886i	-0.1252-0.0322i	0.7617+2.0690i	-0.7971+0.3474i
43.0	8.0593-4.4515i	11.3185+2.4825i	14.5021-1.6819i	-1.1769+2.7996i	0.3946-0.3308i	-0.1341-0.0051i	0.8172+2.1697i	-0.6903+0.4503i
43.1	8.0198-4.3778i	11.5271+2.6729i	15.0693-2.1736i	-1.1763+2.8829i	0.3562-0.3127i	-0.1304-0.0053i	0.8166+2.2101i	-0.7131+0.5127i
43.2	8.0389-4.5869i	11.7450+2.6664i	15.0602-2.3050i	-1.1490+2.9639i	0.3317-0.2902i	-0.1312-0.0108i	0.8526+2.2247i	-0.7075+0.5185i
43.3	7.9027-4.7284i	12.1515+2.5581i	15.2153-2.2646i	-0.9779+2.9631i	0.2880-0.2750i	-0.1462+0.0047i	0.9544+2.2117i	-0.6188+0.5868i
43.4	7.5301-4.1642i	12.5441+2.4237i	15.5487-1.9943i	-0.9421+2.8516i	0.2987-0.2537i	-0.1458+0.0140i	0.9381+2.1402i	-0.5254+0.5705i

43.5	7.2539-4.2840i	12.6617+2.6231i	16.1675-2.2346i	-1.1187+2.8589i	0.3098-0.2347i	-0.1584-0.0049i	0.8451+2.1575i	-0.5586+0.5233i
43.6	7.3213-4.7648i	12.7657+2.7311i	16.6839-2.6789i	-1.1802+2.9550i	0.2879-0.2444i	-0.1835-0.0055i	0.8205+2.2344i	-0.5798+0.5562i
43.7	7.1393-4.9340i	12.9620+2.6755i	16.4654-2.7711i	-1.0720+3.0616i	0.2716-0.2516i	-0.1953-0.0081i	0.8809+2.3146i	-0.5470+0.6157i
43.8	7.0036-4.7752i	13.3371+2.6285i	16.3887-2.7729i	-0.8977+3.2245i	0.2363-0.2912i	-0.2128-0.0061i	0.9962+2.4347i	-0.4081+0.7056i
43.9	6.3988-4.8946i	13.6715+2.5973i	16.6040-2.8753i	-0.6334+3.2018i	0.1598-0.2417i	-0.2454+0.0173i	1.1873+2.4085i	-0.2536+0.6206i
44.0	5.8231-4.3049i	13.8012+2.4026i	16.8734-2.7138i	-0.5257+3.0823i	0.1384-0.2138i	-0.2565+0.0269i	1.2447+2.3239i	-0.2328+0.5426i
44.1	5.8233-4.2616i	14.0581+2.2503i	17.4432-2.3469i	-0.4492+3.0479i	0.1188-0.2681i	-0.2955+0.0379i	1.3083+2.3400i	-0.2174+0.6330i
44.2	5.6982-4.2144i	14.4203+2.2226i	17.4738-3.1166i	-0.4747+2.9627i	0.1470-0.2021i	-0.2846+0.0559i	1.3161+2.2799i	-0.2172+0.5165i
44.3	5.1808-3.8847i	14.7225+2.1148i	18.0709-3.2541i	-0.3880+2.9719i	0.0765-0.2047i	-0.3409+0.0767i	1.4311+2.2838i	-0.1900+0.4885i
44.4	4.8071-3.3205i	14.9901+1.8209i	18.8304-3.2353i	-0.2465+2.8040i	0.0201-0.1523i	-0.3833+0.1431i	1.5221+2.1384i	-0.1672+0.4714i
44.5	5.0953-2.8584i	15.0328+1.8397i	19.2299-3.6892i	-0.3851+2.7274i	0.0668-0.1154i	-0.3683+0.1825i	1.4092+2.0866i	-0.2185+0.4953i
44.6	4.5970-2.7888i	15.4041+1.9152i	19.7595-4.3299i	-0.3667+2.7369i	0.0424-0.0968i	-0.3789+0.2212i	1.4372+2.0992i	-0.1281+0.5254i
44.7	4.1983-2.2740i	15.5350+1.4264i	20.5511-4.4844i	-0.3052+2.5935i	-0.0190-0.0800i	-0.3864+0.2827i	1.4965+2.0132i	-0.0377+0.5256i
44.8	4.7925-1.5709i	15.3601+1.2395i	21.5112-4.7718i	-0.4486+2.5195i	-0.0325-0.0651i	-0.3704+0.2919i	1.4129+1.9756i	0.0056+0.4745i
44.9	4.8677-1.2143i	15.5291+1.0966i	21.6280-5.1045i	-0.4355+2.5984i	-0.0318-0.1148i	-0.3891+0.2889i	1.4247+2.0690i	0.0338+0.4445i
45.0	4.8639-0.9110i	15.6668+1.1646i	21.7411-5.5997i	-0.4555+2.5541i	-0.0403-0.0890i	-0.3923+0.3131i	1.4415+2.0627i	0.0151+0.4041i
45.1	4.6668-0.4661i	15.5403+1.1620i	22.8172-5.7720i	-0.4778+2.5284i	-0.1356-0.0640i	-0.4211+0.3377i	1.4748+2.0399i	0.0419+0.3811i
45.2	4.5344-0.0970i	15.7649+1.0167i	23.3489-6.5833i	-0.4089+2.5886i	-0.1710-0.0272i	-0.4294+0.3949i	1.5487+2.0442i	0.0656+0.4043i
45.3	4.8243+0.5441i	15.7586+0.9462i	24.0284-7.6599i	-0.3998+2.5943i	-0.2384+0.0258i	-0.4431+0.4487i	1.6229+2.0465i	0.1435+0.4289i
45.4	5.0863+1.3002i	15.7327+0.9546i	24.9468-9.0359i	-0.2987+2.5471i	-0.3397+0.1507i	-0.4553+0.5378i	1.7369+1.9365i	0.3157+0.3310i
45.5	4.9987+1.7205i	15.9657+0.8582i	25.4628-9.5968i	-0.3818+2.3719i	-0.3236+0.2350i	-0.4271+0.5939i	1.6946+1.7733i	0.3182+0.1891i
45.6	5.2944+1.8006i	16.0560+0.9355i	25.9655-10.0327i	-0.6069+2.4354i	-0.2564+0.2146i	-0.4254+0.6037i	1.5161+1.8440i	0.2381+0.2067i
45.7	5.5162+2.0449i	15.7632+1.1150i	27.0269-11.6157i	-0.5656+2.4964i	-0.3666+0.3047i	-0.4270+0.6969i	1.6064+1.8673i	0.3395+0.1336i
45.8	5.5856+2.3612i	16.1239+1.1959i	26.7163-13.2838i	-0.4854+2.5085i	-0.3411+0.4037i	-0.3722+0.7657i	1.6305+1.8066i	0.3145+0.0210i
45.9	5.6742+2.6979i	16.3747+1.2967i	27.1082-15.1089i	-0.4790+2.5792i	-0.3751+0.4681i	-0.3503+0.8411i	1.6694+1.8613i	0.3016-0.0037i
46.0	5.9233+3.0914i	16.0426+1.3089i	27.5632-16.0407i	-0.4380+2.5563i	-0.4506+0.5513i	-0.3027+0.8875i	1.7462+1.7947i	0.3212-0.0308i
46.1	6.0360+3.4280i	15.8787+1.4860i	27.3832-16.9427i	-0.3769+2.5672i	-0.5094+0.6498i	-0.2348+0.9465i	1.8819+1.7177i	0.4304-0.0325i
46.2	6.1618+3.6102i	16.1132+1.7713i	27.2411-17.7058i	-0.3678+2.4839i	-0.4851+0.7796i	-0.1810+0.9622i	1.8925+1.5767i	0.4901-0.1751i
46.3	7.4151+4.7627i	16.6272+1.9272i	25.4208-20.4196i	-0.4888+2.4369i	-0.2332+0.9896i	-0.0715+0.9657i	1.6768+1.4327i	0.2436-0.4178i
46.4	7.9049+5.3646i	16.4430+2.4942i	25.9922-23.2467i	-0.5223+2.5201i	-0.2156+1.1744i	0.0111+1.0403i	1.6246+1.4007i	0.1326-0.4810i
46.5	7.6411+5.3210i	16.4310+2.6875i	27.0707-24.1363i	-0.5190+2.5568i	-0.2712+1.2177i	0.0310+1.0757i	1.6544+1.4143i	0.1690-0.4120i
46.6	7.2764+5.8112i	17.2486+2.8874i	26.2407-24.7668i	-0.4780+2.5522i	-0.1814+1.2562i	0.0674+1.0700i	1.6455+1.3984i	0.2011-0.4097i
46.7	8.2097+6.5648i	17.5285+3.3047i	23.9547-27.6507i	-0.3592+2.5221i	0.0019+1.4742i	0.2212+1.0857i	1.6111+1.2609i	0.1403-0.6005i
46.8	8.9941+6.4719i	17.8341+3.5459i	22.6711-27.8817i	-0.3420+2.5139i	0.1158+1.4657i	0.2673+1.0530i	1.5687+1.2737i	0.0357-0.5797i
46.9	9.6638+7.2839i	18.3731+3.8856i	21.2489-29.7304i	-0.3083+2.5682i	0.2403+1.5783i	0.3315+1.0583i	1.5430+1.2313i	0.0243-0.6293i
47.0	9.9138+7.6401i	19.1385+3.9447i	18.3946-30.2158i	-0.2494+2.5327i	0.4664+1.5990i	0.4293+1.0204i	1.4704+1.1994i	-0.0835-0.7155i
47.1	11.2741+7.5312i	19.8321+4.3184i	14.1321-30.8923i	-0.1696+2.4627i	0.8109+1.6254i	0.5479+0.9324i	1.3205+1.1835i	-0.3262-0.8005i
47.2	12.1708+8.2436i	20.3557+4.3913i	12.8596-32.4516i	-0.1978+2.4407i	0.9741+1.6941i	0.6371+0.9011i	1.2078+1.1505i	-0.5064-0.8297i
47.3	12.9748+8.3316i	20.8271+4.5223i	11.7558-33.5105i	-0.1172+2.4724i	1.0809+1.7283i	0.7175+0.8826i	1.2167+1.1338i	-0.5977-0.7510i
47.4	13.4728+7.8215i	21.1987+4.3948i	9.1723-31.6917i	0.0094+2.4144i	1.2242+1.5830i	0.7891+0.7740i	1.2422+1.1611i	-0.6446-0.6129i
47.5	13.8015+7.8473i	21.7382+4.6051i	8.0317-30.2506i	0.0298+2.3029i	1.3308+1.5066i	0.7949+0.6634i	1.2005+1.1312i	-0.6732-0.5533i
47.6	14.5658+7.7091i	22.7143+4.5031i	6.5743-28.5737i	-0.0311+2.1631i	1.4817+1.3494i	0.7252+0.5591i	1.0842+1.1478i	-0.6953-0.4910i
47.7	14.5435+7.9326i	23.1146+4.5928i	6.7020-28.9630i	-0.1065+2.0741i	1.5537+1.3776i	0.7638+0.5219i	0.9699+1.0804i	-0.7660-0.5126i
47.8	15.5504+7.8633i	23.6900+4.6044i	4.4401-28.9352i	-0.1642+2.0996i	1.7432+1.2887i	0.7792+0.4445i	0.8409+1.1654i	-0.8698-0.3940i
47.9	16.1118+7.5679i	24.0769+4.1276i	3.2391-27.2652i	-0.1737+2.0620i	1.8167+1.1238i	0.7364+0.3783i	0.8107+1.2575i	-0.8280-0.2930i
48.0	17.1002+7.6231i	25.2788+4.0953i	1.5803-26.7854i	-0.1275+2.0262i	2.0329+1.0125i	0.7381+0.2877i	0.6742+1.3189i	-0.8857-0.2793i
48.1	17.5682+7.3977i	25.8501+4.1791i	0.5364-25.5159i	-0.1513+1.9983i	2.1313+0.8752i	0.7039+0.1994i	0.6088+1.3879i	-0.9223-0.2763i
48.2	18.5371+6.6136i	26.7666+3.6727i	-1.1460-23.6203i	-0.1734+1.9666i	2.2466+0.5981i	0.6209+0.1254i	0.5407+1.5688i	-1.0430-0.1451i
48.3	18.8988+5.8025i	27.3203+3.0943i	-1.6664-21.8956i	-0.2002+1.9140i	2.2354+0.3862i	0.5705+0.0849i	0.5739+1.6810i	-1.0266-0.0136i
48.4	19.4122+5.8979i	27.8192+2.8691i	-1.6137-21.6899i	-0.2335+1.8928i	2.2283+0.2917i	0.5097+0.0573i	0.5657+1.7569i	-1.0277+0.0301i
48.5	19.8695+6.1574i	28.2797+2.7485i	-2.1184-21.2757i	-0.3026+1.8789i	2.2457+0.2152i	0.4673+0.0418i	0.5435+1.8143i	-1.0136+0.0909i
48.6	20.2782+5.7220i	28.9904+2.4686i	-2.6915-20.0526i	-0.2997+1.9111i	2.2546+0.0563i	0.3949+0.0401i	0.5616+1.9384i	-0.9710+0.1412i
48.7	20.2157+6.1229i	29.5470+2.7203i	-2.9422-21.0191i	-0.2769+1.9020i	2.2761+0.0970i	0.4243+0.0508i	0.5788+1.9268i	-1.0022+0.1175i
48.8	20.2578+5.6295i	29.5887+2.4056i	-2.6701-20.1584i	-0.2857+1.8361i	2.2089+0.0693i	0.4391+0.0365i	0.6298+1.8839i	-0.9969+0.1606i
48.9	20.9644+5.2003i	30.2198+2.3131i	-2.7216-18.2025i	-0.3267+1.8234i	2.2031-0.0560i	0.3693-0.0359i	0.6161+1.9281i	-0.9722+0.2660i
49.0	21.2547+4.8417i	30.4682+1.6504i	-2.3318-16.8516i	-0.3636+1.8042i	2.1308-0.1809i	0.2777-0.0230i	0.6547+1.9926i	-0.8682+0.3346i
49.1	21.4903+4.8922i	31.2079+1.6545i	-2.2987-16.4028i	-0.3871+1.8367i	2.1469-0.2275i	0.2160-0.0250i	0.6447+2.0216i	-0.8263+0.3414i
49.2	21.5426+4.2862i	31.7804+1.1082i	-2.7822-14.6454i	-0.3788+1.8129i	2.1315-0.3839i	0.1572-0.0077i	0.6861+2.1161i	-0.8017+0.3776i
49.3	21.9056+4.0271i	32.5724+0.8312i	-3.3044-13.8280i	-0.3846+1.7473i	2.1779-0.4779i	0.1202-0.0251i	0.6471+2.1633i	-0.8173+0.4010i
49.4	21.9909+3.9639i	33.0861+0.9172i	-2.4052-13.7283i	-0.4089+1.7591i	2.1575-0.4586i	0.1075-0.0156i	0.6417+2.1411i	-0.8007+0.3699i
49.5	22.1721+3.6630i	33.7819+0.5578i	-2.1582-12.7753i	-0.3941+1.7173i	2.1369-0.5255i	0.0656-0.0055i	0.6925+2.1518i	-0.7712+0.4001i
49.6	22.4261+3.4542i	34.2543+0.0412i	-1.7683-11.2573i	-0.4464+1.6663i	2.1090-0.6692i	-0.0263+0.0305i	0.6671+2.2430i	-0.7784+0.4105i
49.7	22.8089+2.7988i	34.8520-0.7274i	-1.8253-10.2419i	-0.4611+1.6829i	2.0487-0.8018i	-0.0798+0.0986i	0.7335+2.3569i	-0.7725+0.5209i

49.8	22.7823+2.4837i	35.0821-1.2223i	-1.4313-9.5481i	-0.4244+1.6875i	1.9796-0.8489i	-0.0593+0.1449i	0.8100+2.3768i	-0.7258+0.5839i
49.9	23.0009+2.6062i	35.3911-1.4955i	-0.5636-9.1677i	-0.4735+1.6362i	1.9687-0.8515i	-0.0867+0.1133i	0.7759+2.3336i	-0.6547+0.5956i
50.0	22.9768+2.3640i	36.3147-1.8331i	-0.2133-8.5172i	-0.4934+1.6193i	2.0115-0.9238i	-0.1667+0.1286i	0.7190+2.3654i	-0.5935+0.5773i
50.1	23.2342+2.6114i	37.2365-1.9542i	-0.0775-8.3504i	-0.4723+1.6132i	2.0561-0.9791i	-0.1691+0.1583i	0.6919+2.4109i	-0.6104+0.5529i
50.2	23.2270+2.2149i	37.4066-2.6324i	0.8038-7.9657i	-0.5069+1.5357i	1.9947-1.0385i	-0.1955+0.1926i	0.7069+2.4426i	-0.5941+0.5562i
50.3	23.3608+2.0442i	37.9579-3.1490i	0.9982-6.9480i	-0.5370+1.5011i	1.9804-1.1594i	-0.2481+0.2220i	0.6992+2.5388i	-0.6024+0.5860i
50.4	23.1183+2.3121i	38.1017-3.3270i	1.0774-7.2188i	-0.5655+1.5070i	1.9884-1.1811i	-0.2634+0.2455i	0.6813+2.5757i	-0.5990+0.6155i
50.5	23.4229+2.2772i	38.8170-4.0915i	1.9230-6.7741i	-0.5905+1.4923i	1.9565-1.2600i	-0.2634+0.3130i	0.7204+2.6241i	-0.5268+0.6383i
50.6	23.8406+2.0281i	39.3449-4.5672i	2.9120-6.1367i	-0.6090+1.4639i	1.9019-1.3459i	-0.2827+0.3478i	0.7401+2.6974i	-0.4757+0.6487i
50.7	24.1060+2.1073i	39.9025-5.0604i	2.9911-5.9698i	-0.6791+1.4922i	1.9118-1.4644i	-0.3295+0.3468i	0.6959+2.8247i	-0.4601+0.6683i
50.8	24.3975+2.2242i	40.5382-5.9317i	3.0021-5.8880i	-0.7169+1.4425i	1.9187-1.6004i	-0.4036+0.3778i	0.6619+2.9387i	-0.4446+0.6659i
50.9	24.5814+2.0493i	40.9819-6.7194i	3.1483-6.0026i	-0.7634+1.4155i	1.8673-1.7226i	-0.4432+0.4683i	0.6878+3.0667i	-0.4687+0.6510i
51.0	24.7899+2.1629i	41.5559-6.9058i	3.5203-5.4888i	-0.7827+1.4674i	1.7974-1.8129i	-0.4648+0.5349i	0.7577+3.1736i	-0.4402+0.6957i
51.1	24.9149+2.1774i	41.9143-7.8252i	4.0369-5.2063i	-0.7960+1.4693i	1.7021-1.9024i	-0.4471+0.6213i	0.8451+3.2597i	-0.4095+0.6988i
51.2	24.9673+1.9016i	42.1350-9.0157i	4.3287-4.7579i	-0.7840+1.4086i	1.6184-2.0074i	-0.4011+0.6355i	0.9213+3.3227i	-0.3944+0.7871i
51.3	25.0874+1.7985i	42.2567-8.9984i	4.9394-4.7040i	-0.8424+1.4302i	1.5522-2.0355i	-0.4667+0.6262i	0.9366+3.3875i	-0.2904+0.8162i
51.4	25.3692+2.0678i	43.1487-9.5976i	4.9451-4.3573i	-0.8912+1.4610i	1.4851-2.1977i	-0.6007+0.7559i	0.9858+3.6028i	-0.1842+0.7786i
51.5	25.6367+2.0891i	43.8007-10.9865i	5.3540-4.8741i	-0.8724+1.4543i	1.3916-2.2887i	-0.5768+0.9239i	1.0755+3.7160i	-0.1758+0.7160i
51.6	25.8044+1.7122i	43.3947-12.2393i	5.9073-4.7468i	-0.8249+1.4358i	1.2262-2.3078i	-0.4975+1.0274i	1.2325+3.7163i	-0.1652+0.6889i
51.7	26.4685+1.5640i	43.7866-13.6687i	6.3591-4.3097i	-0.7873+1.3961i	1.0614-2.3979i	-0.4542+1.1385i	1.4196+3.8288i	-0.1130+0.7071i
51.8	26.7667+2.1614i	44.3893-13.9866i	6.5480-3.7903i	-0.8398+1.3543i	0.9941-2.4552i	-0.4312+1.1939i	1.5001+3.9200i	-0.0847+0.7068i
51.9	26.9014+2.2046i	44.2924-14.7550i	6.8811-3.3405i	-0.9095+1.2633i	0.8839-2.4764i	-0.3943+1.2481i	1.5956+3.9284i	-0.0316+0.6578i
52.0	26.9617+1.8510i	44.2122-15.8799i	7.3082-3.4358i	-0.9061+1.2666i	0.8055-2.4883i	-0.3572+1.3524i	1.6793+3.9513i	-0.0409+0.5558i
52.1	27.6183+1.9430i	44.5091-17.1018i	7.7755-3.2659i	-0.9403+1.2567i	0.7118-2.5533i	-0.3165+1.4563i	1.7752+4.0328i	-0.0628+0.5411i
52.2	28.0695+1.7860i	43.4902-18.3358i	8.3881-2.7240i	-1.0109+1.2202i	0.5067-2.5833i	-0.1633+1.5456i	1.9802+4.0716i	-0.0935+0.5509i
52.3	28.2464+1.9693i	43.1247-18.2780i	9.1364-2.6424i	-1.0820+1.1913i	0.4483-2.5424i	-0.0887+1.5201i	2.0241+4.0544i	-0.0898+0.5761i
52.4	28.7033+2.1531i	43.7489-19.1911i	8.9234-2.2987i	-1.1232+1.2045i	0.3922-2.6569i	-0.0778+1.6424i	2.1293+4.2337i	-0.0742+0.5426i
52.5	29.0330+2.3778i	43.2488-20.2962i	9.5983-1.9554i	-1.1541+1.1662i	0.2269-2.6878i	0.0446+1.7351i	2.3020+4.2768i	-0.1316+0.5251i
52.6	29.6950+2.5212i	42.5648-21.1958i	10.2766-1.6294i	-1.2314+1.1727i	0.0553-2.7614i	0.1282+1.7843i	2.4792+4.3885i	-0.0753+0.6390i
52.7	30.4940+3.0768i	42.6393-21.4973i	10.4096-1.3480i	-1.2941+1.2480i	-0.0561-2.8665i	0.1854+1.8725i	2.6212+4.5743i	0.0191+0.6525i
52.8	30.8384+2.3655i	41.5789-21.9828i	10.8989-1.9058i	-1.3293+1.3711i	-0.2318-2.8276i	0.3479+1.9670i	2.8499+4.6018i	0.0266+0.5561i
52.9	31.2415+2.6242i	41.0377-22.0078i	11.2233-1.9969i	-1.3468+1.3335i	-0.3873-2.8025i	0.5430+1.9909i	3.0733+4.6114i	0.0193+0.5003i
53.0	32.1509+2.2674i	40.3024-22.8794i	11.9761-2.2257i	-1.3567+1.3221i	-0.6454-2.7829i	0.7619+2.0415i	3.4369+4.5668i	-0.0467+0.4365i
53.1	32.4497+1.4988i	38.8733-22.5912i	12.1006-2.1826i	-1.3129+1.3515i	-0.8707-2.5999i	1.0202+1.9300i	3.7607+4.3223i	-0.0988+0.5258i
53.2	33.0870+1.7166i	38.4369-21.0212i	12.3937-1.3282i	-1.3459+1.3510i	-1.0183-2.4453i	1.1912+1.7578i	3.9722+4.1519i	-0.0867+0.5770i
53.3	33.4884+1.8211i	38.8987-19.9451i	12.7875-0.9366i	-1.4289+1.3436i	-1.0579-2.3322i	1.2052+1.5909i	4.0368+4.0029i	-0.0242+0.6036i
53.4	34.2047+1.6169i	39.4990-19.4824i	13.8455-1.1261i	-1.4845+1.3250i	-1.0847-2.1829i	1.1828+1.4478i	4.0633+3.7880i	0.0432+0.5805i
53.5	35.0164+1.1461i	40.4039-19.4006i	14.9907-0.6073i	-1.5317+1.3748i	-1.1673-2.0593i	1.2048+1.4343i	4.1984+3.6066i	0.0877+0.5339i
53.6	35.4716+0.8282i	40.9447-19.0816i	15.5771-0.2518i	-1.5604+1.4521i	-1.2226-1.9635i	1.2787+1.3872i	4.2571+3.4583i	0.0494+0.4880i
53.7	35.3405+1.1060i	41.8862-18.7920i	15.5067-0.5565i	-1.5782+1.4292i	-1.2258-2.0041i	1.2786+1.3555i	4.2075+3.5238i	0.0474+0.5436i
53.8	36.4050+1.3659i	42.5129-19.4799i	16.1848-0.6007i	-1.5998+1.4823i	-1.3821-1.9767i	1.3438+1.3982i	4.3688+3.5138i	0.0676+0.4672i
53.9	37.2232+0.9213i	42.6337-19.5250i	16.5632-0.2462i	-1.6129+1.5189i	-1.4918-1.8547i	1.4371+1.3221i	4.4891+3.4042i	0.0295+0.4718i
54.0	37.4863+0.1838i	43.3147-19.6163i	17.1467-0.6870i	-1.5890+1.5512i	-1.5211-1.7662i	1.4672+1.2380i	4.5610+3.3437i	0.0605+0.5519i
54.1	37.3359+0.0413i	44.5433-19.3026i	17.5049-0.4651i	-1.4271+1.6077i	-1.5795-1.6479i	1.5577+1.1615i	4.7469+3.2312i	0.1146+0.5491i
54.2	38.0201-0.0868i	45.9951-19.5483i	18.3472-0.2659i	-1.3766+1.6241i	-1.6396-1.5561i	1.5715+1.1360i	4.9002+3.1069i	0.0800+0.4839i
54.3	39.2383+0.1124i	46.9656-19.7858i	19.2949-0.1648i	-1.4044+1.5946i	-1.7511-1.4100i	1.7385+1.0818i	5.0753+2.9304i	0.0183+0.4973i
54.4	39.2819-0.4044i	47.5895-19.5690i	20.3882-0.2175i	-1.4008+1.5533i	-1.6856-1.2167i	1.7549+0.8960i	5.0071+2.6609i	0.0492+0.5129i
54.5	39.3519-0.2655i	48.6569-20.0173i	20.4006-0.1731i	-1.3975+1.5299i	-1.6613-1.1561i	1.7175+0.7605i	4.9736+2.5810i	0.0839+0.5503i
54.6	41.4809+0.1859i	51.4185-21.1468i	21.5194-0.1150i	-1.4144+1.5194i	-1.7060-1.1523i	1.6965+0.7192i	5.0761+2.5885i	0.1316+0.5733i
54.7	41.4570-0.8103i	52.7437-21.6524i	22.0032-0.1892i	-1.3760+1.5363i	-1.7437-1.0966i	1.6369+0.6840i	5.1634+2.5274i	0.1651+0.5362i
54.8	42.6157-0.6820i	53.6081-23.2613i	23.3785+0.1025i	-1.3314+1.4810i	-1.8490-0.9256i	1.7280+0.6770i	5.3402+2.2783i	0.1263+0.4905i
54.9	42.5464-0.9792i	53.8020-23.7442i	23.5826-0.4384i	-1.3129+1.4408i	-1.7841-0.7888i	1.7775+0.5325i	5.2632+2.0809i	0.1085+0.5242i
55.0	42.9319-1.1132i	54.7309-24.5429i	24.5604-0.2802i	-1.3234+1.3630i	-1.7470-0.6774i	1.7483+0.3840i	5.2295+1.8971i	0.1461+0.5631i
55.1	43.8080-2.4788i	55.9352-26.1070i	25.6342-0.5372i	-1.3507+1.3811i	-1.7785-0.5925i	1.7016+0.3016i	5.2786+1.7330i	0.1910+0.5374i
55.2	44.7688-2.7090i	57.3185-27.5828i	26.1846-0.7472i	-1.3300+1.3806i	-1.8139-0.5184i	1.7140+0.2484i	5.3519+1.6062i	0.2542+0.5528i
55.3	45.8504-1.6368i	59.4783-27.8271i	27.0799-1.1879i	-1.3841+1.3446i	-1.7860-0.4806i	1.6952+0.2143i	5.3663+1.5736i	0.2773+0.5564i
55.4	46.9257-2.6620i	60.8984-29.1937i	28.5960-1.6258i	-1.3885+1.3661i	-1.7502-0.3591i	1.5966+0.1448i	5.3140+1.4213i	0.2876+0.4956i
55.5	48.0173-4.1735i	61.5130-31.7488i	29.6379-1.9336i	-1.4180+1.3365i	-1.7572-0.2030i	1.5673+0.1153i	5.2934+1.1617i	0.2951+0.4223i
55.6	47.4248-3.7518i	61.9791-32.4808i	29.0292-1.9372i	-1.4178+1.2863i	-1.7230-0.1341i	1.6404+0.0539i	5.2279+1.0582i	0.2952+0.4317i
55.7	48.2966-3.5346i	63.8187-34.6980i	29.2889-1.4476i	-1.4325+1.2195i	-1.7381-0.0678i	1.6193-0.0573i	5.3046+0.9798i	0.3037+0.4287i
55.8	49.9420-4.4421i	65.3000-37.3605i	30.9783-1.9193i	-1.4364+1.2176i	-1.6977+0.0377i	1.5202-0.1363i	5.2689+0.8409i	0.3037+0.4035i
55.9	51.5805-5.1744i	66.7767-40.3063i	33.4494-2.5670i	-1.3791+1.1941i	-1.6328+0.1740i	1.4222-0.2011i	5.1779+0.6469i	0.3376+0.3964i
56.0	50.8405-4.7955i	67.0752-42.5721i	33.0198-2.5208i	-1.4002+1.0888i	-1.6483+0.2367i	1.3777-0.1620i	5.2045+0.5600i	0.3555+0.3600i

56.1	51.4520-5.7220i	65.9690-45.2537i	33.5244-2.7938i	-1.4625+1.0554i	-1.5891+0.3534i	1.4387-0.1943i	5.1029+0.3533i	0.3547+0.3333i
56.2	53.3210-7.6023i	66.8022-48.4008i	35.2286-4.0300i	-1.4046+1.0354i	-1.4694+0.4370i	1.4345-0.3420i	4.9696+0.2444i	0.3243+0.3596i
56.3	54.0940-9.1527i	66.7225-52.3224i	35.6810-5.3505i	-1.3991+0.9331i	-1.3961+0.4883i	1.3170-0.4179i	4.8959+0.1681i	0.3445+0.3399i
56.4	55.8972-8.9614i	66.9697-54.8996i	37.3335-4.9813i	-1.4210+0.9470i	-1.3627+0.6064i	1.2580-0.4766i	4.8383+0.0434i	0.3502+0.3138i
56.5	56.8421-9.9820i	66.1058-57.3722i	39.2006-5.2434i	-1.4500+0.9043i	-1.2534+0.7083i	1.1716-0.5216i	4.6829-0.0942i	0.3546+0.2870i
56.6	60.1127-9.5674i	65.3964-59.6592i	42.4839-4.3137i	-1.5240+0.8193i	-1.1187+0.8371i	1.0689-0.5496i	4.5370-0.2590i	0.3299+0.2692i
56.7	61.4589-9.6423i	64.9179-62.1207i	44.1229-5.3671i	-1.5551+0.6922i	-1.0171+0.8771i	1.0126-0.5513i	4.4256-0.3151i	0.3613+0.2235i
56.8	61.0398-10.4111i	63.5013-65.3624i	43.9254-6.6928i	-1.5920+0.5697i	-0.9549+0.8851i	0.9502-0.5372i	4.3393-0.3386i	0.3669+0.2134i
56.9	64.4129-14.7312i	63.2769-69.6980i	46.8072-10.2504i	-1.5940+0.5568i	-0.8132+0.8820i	0.8689-0.5467i	4.2048-0.3513i	0.3821+0.2383i
57.0	65.9787-16.6927i	61.6430-71.5644i	48.6606-11.6886i	-1.6295+0.4946i	-0.7160+0.9105i	0.7991-0.5349i	4.0560-0.4013i	0.3940+0.2243i
57.1	66.6561-17.3365i	59.3302-72.8339i	49.7989-12.5975i	-1.6634+0.3930i	-0.6184+0.9307i	0.7375-0.4635i	3.9283-0.4093i	0.3872+0.2253i
57.2	69.4521-21.4092i	58.0430-77.1814i	52.4849-16.4126i	-1.7600+0.3387i	-0.4620+0.9645i	0.7919-0.4015i	3.7432-0.4639i	0.3679+0.1944i
57.3	68.0872-23.5357i	55.4577-77.1651i	51.9298-18.2257i	-1.7777+0.2775i	-0.3606+0.8950i	0.8098-0.4615i	3.5925-0.3794i	0.3386+0.2227i
57.4	70.3767-24.5294i	54.2865-79.5636i	53.5187-19.5517i	-1.8941+0.1933i	-0.2672+0.8814i	0.7355-0.5212i	3.4809-0.4069i	0.3501+0.2063i
57.5	69.6434-25.9161i	52.2899-82.0094i	53.1254-21.2048i	-1.9795+0.1161i	-0.2202+0.8641i	0.6742-0.5440i	3.4558-0.3600i	0.3722+0.2190i
57.6	69.0164-30.2529i	50.0212-83.2185i	53.6090-24.7893i	-1.9420+0.0006i	-0.1207+0.7837i	0.6003-0.5385i	3.2937-0.2406i	0.3796+0.1720i
57.7	68.4923-33.5846i	46.0434-85.2520i	53.3150-27.7830i	-1.9790-0.1291i	-0.0331+0.7267i	0.5672-0.5054i	3.1713-0.2180i	0.4131+0.1930i
57.8	68.8640-36.8852i	45.4087-87.8110i	53.7937-31.5003i	-2.0150-0.2845i	0.0327+0.6821i	0.5155-0.5201i	3.1097-0.1217i	0.4373+0.1637i
57.9	69.1687-38.3156i	42.6645-89.1512i	53.6755-33.7188i	-2.1681-0.5078i	0.0893+0.6433i	0.4648-0.5361i	3.0127-0.0502i	0.4327+0.1142i
58.0	66.9883-41.8382i	38.8052-91.6050i	51.3883-36.9085i	-2.3105-0.7338i	0.1078+0.5825i	0.4061-0.5381i	2.9313+0.0124i	0.4549+0.0371i
58.1	66.3001-45.2313i	37.4740-93.6869i	51.4544-39.9901i	-2.3425-0.8478i	0.1662+0.5385i	0.3539-0.5240i	2.8548+0.1006i	0.4196+0.0546i
58.2	63.1221-49.2199i	32.4965-97.6609i	48.6197-43.8551i	-2.5705-1.1036i	0.2259+0.4906i	0.2488-0.4921i	2.8438+0.2201i	0.3602+0.0818i
58.3	59.6694-51.4815i	26.4335-98.6222i	44.8104-45.2874i	-2.9347-1.3180i	0.2237+0.4370i	0.1901-0.4285i	2.8594+0.3073i	0.4238+0.0599i
58.4	56.5967-54.9473i	22.5099-100.1976i	41.9209-48.6202i	-3.1224-1.4900i	0.2409+0.3457i	0.1445-0.3658i	2.8396+0.4798i	0.4779-0.0141i
58.5	52.5813-57.5745i	18.0578-100.6097i	38.8227-51.6848i	-3.3884-1.7341i	0.2565+0.2498i	0.1269-0.2814i	2.8182+0.6451i	0.4505-0.0730i
58.6	47.3683-57.7246i	10.3067-99.7222i	33.8617-51.8411i	-3.8407-1.9803i	0.2489+0.2070i	0.1109-0.2481i	2.8652+0.7713i	0.3954-0.1046i
58.7	45.6512-57.3081i	6.7174-96.8765i	32.5882-51.2646i	-4.1877-1.9848i	0.2923+0.1802i	0.0324-0.2299i	2.8138+0.9087i	0.3271-0.0825i
58.8	42.3720-57.5510i	2.9237-95.3053i	29.6203-51.9768i	-4.5521-2.1740i	0.2990+0.0988i	0.0201-0.1519i	2.9051+1.1262i	0.3047-0.0873i
58.9	38.5723-58.5092i	-1.4698-93.7596i	25.7158-52.7066i	-5.0229-2.2892i	0.2546+0.0414i	0.0475-0.0783i	3.0410+1.2976i	0.3032-0.1211i
59.0	34.9747-56.5036i	-6.7032-86.9102i	22.4717-50.7554i	-5.8305-2.1532i	0.2543-0.0222i	0.0393+0.0004i	3.1525+1.4677i	0.2752-0.1475i
59.1	34.0294-55.4116i	-7.8725-82.4354i	21.6262-49.2123i	-6.3373-1.9426i	0.2582-0.0503i	0.0439+0.0461i	3.2754+1.6179i	0.2081-0.1276i
59.2	32.8023-51.0512i	-8.7226-76.1395i	20.2329-45.8384i	-6.8693-1.6916i	0.2376-0.0699i	0.1043+0.0997i	3.4880+1.7405i	0.1525-0.1098i
59.3	31.0163-49.1202i	-9.1091-71.4883i	18.5411-43.8728i	-7.4543-1.3749i	0.1998-0.1064i	0.1734+0.1500i	3.7382+1.8365i	0.1052-0.0732i
59.4	29.4305-45.7566i	-8.9210-64.5909i	17.5344-40.3452i	-8.1440-0.8412i	0.1683-0.1342i	0.2836+0.1676i	4.0488+1.8636i	0.0683-0.0271i
59.5	28.9587-42.8721i	-7.9113-60.0273i	17.0937-38.0223i	-8.6793-0.5753i	0.1601-0.1724i	0.3602+0.1903i	4.3306+1.9549i	0.0318+0.0569i
59.6	28.6939-40.6594i	-3.8223-56.4733i	17.4305-35.9147i	-9.0330+0.2237i	0.1100-0.1961i	0.4479+0.1424i	4.7300+1.8487i	0.0605+0.1568i
59.7	29.6335-38.1606i	0.3184-52.1693i	19.0686-33.2757i	-9.3766+1.0172i	0.0877-0.2029i	0.5195+0.0718i	5.0249+1.7060i	0.0781+0.2360i
59.8	33.3757-37.2210i	6.9356-50.2215i	22.4537-32.5595i	-9.6561+1.7594i	0.0757-0.2172i	0.5760-0.0321i	5.3123+1.5981i	0.1070+0.3106i
59.9	35.3127-38.2434i	10.1452-52.0886i	23.2388-33.4190i	-10.9476+1.5981i	0.0435-0.2253i	0.5895-0.1332i	5.5892+1.3877i	0.1793+0.3812i
60.0	37.2585-38.7021i	13.6200-55.1863i	24.5045-33.6169i	-13.0689+0.3448i	0.0197-0.1890i	0.5996-0.3025i	5.8663+1.0186i	0.2718+0.4500i
60.1	38.6231-37.7875i	19.9896-55.5025i	27.5613-32.1154i	-10.0717+2.4862i	-0.0351-0.1883i	0.5723-0.4259i	6.0120+0.6494i	0.4029+0.5062i
60.2	38.7824-39.0824i	23.6428-58.3218i	28.8436-32.2815i	-9.0412+4.9586i	-0.0890-0.1935i	0.4976-0.5519i	6.1566+0.1948i	0.5770+0.5143i
60.3	39.6052-41.6444i	25.7238-63.7763i	30.0303-33.7966i	-8.7119+5.8616i	-0.1200-0.1800i	0.3925-0.6712i	6.3094-0.3053i	0.7652+0.4956i
60.4	40.2456-45.1431i	26.3972-70.8273i	30.6888-36.5790i	-8.0108+6.6386i	-0.1453-0.1541i	0.1965-0.7559i	6.2924-0.8060i	0.9463+0.3905i
60.5	40.2436-46.5049i	25.7946-74.9274i	31.6233-38.3073i	-7.2784+6.8901i	-0.1378-0.1342i	0.0262-0.7920i	6.0694-1.1396i	1.0618+0.2745i
60.6	40.8915-47.8363i	25.7381-78.4490i	32.2870-40.1317i	-6.8823+7.0435i	-0.1251-0.1310i	-0.1219-0.8215i	5.9626-1.3492i	1.1351+0.1784i
60.7	41.1932-50.6173i	23.6282-84.7295i	32.2830-43.2876i	-6.1996+7.2353i	-0.1370-0.1272i	-0.3304-0.7662i	5.7793-1.6784i	1.2897+0.0391i
60.8	37.2071-52.2668i	18.1418-88.3203i	29.8670-44.5101i	-5.4116+7.2894i	-0.1508-0.0958i	-0.4655-0.6751i	5.4657-1.9962i	1.3772-0.1821i
60.9	37.0086-49.7060i	16.1021-87.1266i	30.3079-44.1281i	-5.0733+7.0098i	-0.1253-0.0742i	-0.5134-0.5971i	5.1711-1.9538i	1.3054-0.3494i
61.0	33.4950-50.0660i	10.9951-89.0517i	28.4999-45.2803i	-4.4278+6.8033i	-0.1199-0.0665i	-0.6191-0.4544i	4.8550-2.1354i	1.2195-0.5881i
61.1	28.8459-50.9372i	5.9554-89.1835i	26.4300-45.0101i	-3.8290+6.5648i	-0.1234-0.0456i	-0.7035-0.3543i	4.5453-2.2598i	1.1417-0.7480i
61.2	27.2866-52.1416i	0.5637-91.3071i	24.7844-45.6787i	-3.3856+6.5555i	-0.1205-0.0116i	-0.8390-0.2902i	4.2785-2.4324i	1.0467-0.8786i
61.3	25.8711-50.7958i	-3.6918-90.5370i	23.9577-45.0321i	-3.0715+6.1976i	-0.1007-0.0007i	-0.8946-0.1773i	4.0006-2.4728i	0.9349-0.9822i
61.4	25.1259-49.6835i	-7.6527-89.3164i	23.5324-44.6942i	-2.9128+5.8825i	-0.0785+0.0101i	-0.9246-0.0649i	3.7417-2.4690i	0.8383-1.0983i
61.5	24.7893-52.2883i	-9.6735-90.3161i	22.8109-46.9283i	-2.7410+5.8218i	-0.0651-0.0057i	-0.9857+0.0649i	3.6415-2.4437i	0.7867-1.1724i
61.6	23.8835-52.2457i	-12.4972-89.9847i	21.7142-47.0455i	-2.6079+5.7159i	-0.0577-0.0020i	-1.0248+0.1450i	3.5089-2.4478i	0.7277-1.1946i
61.7	23.4655-50.3783i	-14.0914-88.4920i	21.7507-46.5669i	-2.5586+5.4781i	-0.0496-0.0042i	-1.0216+0.2235i	3.3602-2.3716i	0.6021-1.2415i
61.8	22.4366-49.4671i	-15.7131-87.9264i	20.4177-47.2044i	-2.4623+5.2386i	-0.0594-0.0118i	-1.0225+0.2909i	3.2672-2.2867i	0.5220-1.3071i
61.9	19.4765-47.2612i	-19.1510-84.4040i	19.5588-45.2211i	-2.3298+4.8908i	-0.0456+0.0015i	-0.9940+0.3936i	3.0426-2.2125i	0.3854-1.3095i
62.0	18.2625-46.0272i	-21.5236-81.2121i	19.6228-43.7760i	-2.2858+4.5796i	-0.0177+0.0018i	-1.0050+0.4879i	2.8921-2.1402i	0.2904-1.3313i
62.1	17.8856-44.8980i	-23.6355-79.0600i	20.0294-43.5727i	-2.2031+4.3854i	0.0042+0.0012i	-1.0316+0.5942i	2.7574-2.0695i	0.2104-1.3700i
62.2	18.0409-44.5664i	-25.6254-77.5061i	20.2181-43.1183i	-2.2525+4.2717i	0.0134-0.0009i	-1.0107+0.6580i	2.6535-2.0436i	0.1079-1.3827i
62.3	18.0100-44.7722i	-26.7885-76.9600i	20.4803-43.3559i	-2.2192+4.1823i	0.0113-0.0001i	-1.0133+0.7164i	2.5647-2.0257i	0.0264-1.3846i

62.4	19.2298-44.4583i	-25.7769-75.1578i	21.5844-44.7056i	-2.3688+4.0838i	0.0214-0.0340i	-0.9860+0.7871i	2.5481-1.8855i	-0.0749-1.3676i
62.5	16.9746-41.7355i	-28.1268-71.9612i	20.6919-42.6445i	-2.3452+3.8461i	0.0279-0.0383i	-0.9480+0.8827i	2.4264-1.8441i	-0.1696-1.3414i
62.6	16.5964-41.0067i	-27.9173-69.7261i	21.8840-42.7262i	-2.3354+3.7532i	0.0309-0.0507i	-0.9286+0.9277i	2.3427-1.7550i	-0.2749-1.3119i
62.7	16.1064-38.9122i	-28.5285-67.1629i	23.3820-42.3891i	-2.3985+3.5250i	0.0394-0.0539i	-0.9051+0.9868i	2.1969-1.6773i	-0.3588-1.2687i
62.8	16.5904-39.1353i	-28.2791-66.5633i	23.5636-43.5678i	-2.4905+3.4729i	0.0456-0.0692i	-0.9203+1.0562i	2.2114-1.5978i	-0.3697-1.2545i
62.9	17.5055-39.6217i	-28.3796-67.1193i	24.2361-45.0892i	-2.6070+3.5509i	0.0493-0.0759i	-0.9431+1.0899i	2.2230-1.5560i	-0.3939-1.2482i
63.0	16.6951-38.7674i	-30.4779-66.2022i	23.2886-44.5409i	-2.5968+3.4409i	0.0454-0.0723i	-0.8855+1.1825i	2.1760-1.5733i	-0.5286-1.2038i
63.1	18.0966-36.8688i	-29.6046-64.0216i	24.8348-44.9469i	-2.6985+3.3550i	0.0498-0.0731i	-0.8786+1.2208i	2.1334-1.4384i	-0.5693-1.1744i
63.2	17.9588-35.0380i	-29.4471-61.3520i	26.7803-44.6919i	-2.7501+3.2173i	0.0631-0.0716i	-0.8544+1.2570i	2.0473-1.3327i	-0.5815-1.1700i
63.3	19.4646-35.0085i	-28.4045-61.6844i	27.1225-47.0966i	-2.9288+3.2191i	0.0636-0.0904i	-0.8486+1.3159i	2.1220-1.2461i	-0.6406-1.1398i
63.4	18.7213-34.1326i	-28.8022-58.8033i	27.3192-47.2188i	-2.9388+3.2077i	0.0549-0.1054i	-0.7916+1.3751i	2.0576-1.1902i	-0.7332-1.0709i
63.5	17.1181-33.3427i	-30.6610-56.4655i	27.4514-45.9899i	-2.8626+3.0703i	0.0546-0.1068i	-0.7672+1.4343i	1.9502-1.1864i	-0.7794-1.0084i
63.6	16.5536-33.7836i	-32.4988-56.2360i	26.9493-45.9702i	-2.8100+2.9740i	0.0530-0.1139i	-0.7426+1.5160i	1.9086-1.2457i	-0.8123-0.9862i
63.7	17.8055-33.3559i	-30.8163-55.4191i	28.8123-48.2274i	-2.9684+3.0196i	0.0571-0.1187i	-0.7482+1.5514i	1.9165-1.1367i	-0.8465-0.9730i
63.8	17.6080-30.8081i	-30.3069-52.8866i	30.0085-49.1318i	-3.0678+2.9143i	0.0593-0.1169i	-0.7340+1.6075i	1.8588-1.0065i	-0.8632-0.8967i
63.9	16.9748-30.7057i	-30.2238-51.8501i	29.9469-50.3508i	-3.0892+2.9189i	0.0590-0.1338i	-0.7113+1.6441i	1.8343-0.9609i	-0.9118-0.8305i
64.0	18.5977-30.1714i	-28.2726-51.0244i	31.3404-52.6067i	-3.1842+2.9243i	0.0621-0.1499i	-0.7147+1.6858i	1.8764-0.8473i	-0.9102-0.7890i
64.1	20.3063-30.7230i	-27.2555-51.4455i	31.5421-55.3856i	-3.2827+2.9862i	0.0607-0.1555i	-0.7594+1.7447i	1.9758-0.7799i	-0.9273-0.7567i
64.2	19.7409-28.3279i	-27.2008-49.7335i	32.9903-55.2949i	-3.3070+2.8046i	0.0576-0.1500i	-0.7251+1.7893i	1.8956-0.7507i	-0.8942-0.7362i
64.3	20.3977-27.6304i	-27.0675-47.9196i	33.7011-56.6484i	-3.4076+2.7648i	0.0567-0.1559i	-0.6808+1.8658i	1.8462-0.6945i	-0.8779-0.7437i
64.4	20.8742-25.7745i	-28.1964-46.8632i	32.9985-56.9950i	-3.5646+2.6975i	0.0543-0.1452i	-0.6481+1.9537i	1.8415-0.6712i	-0.9008-0.7320i
64.5	20.8992-25.1126i	-26.6527-46.4367i	33.0960-61.2919i	-3.6238+2.7294i	0.0465-0.1595i	-0.6614+2.0529i	1.8761-0.5508i	-0.9439-0.7207i
64.6	21.3809-24.6184i	-26.3506-44.7417i	34.3240-63.4837i	-3.6926+2.6530i	0.0402-0.1704i	-0.6343+2.1133i	1.8183-0.4801i	-0.9983-0.6891i
64.7	23.4335-23.5635i	-24.0205-43.7869i	34.6578-66.3149i	-3.8497+2.6371i	0.0377-0.1682i	-0.5893+2.1475i	1.8747-0.3592i	-1.0112-0.6781i
64.8	22.4151-21.6701i	-24.7723-41.8066i	34.5066-68.0521i	-3.9598+2.5825i	0.0310-0.1714i	-0.5295+2.2597i	1.7705-0.3176i	-1.0259-0.6630i
64.9	21.7627-20.4746i	-26.2737-41.1574i	33.5768-68.7699i	-3.9703+2.4600i	0.0292-0.1700i	-0.5067+2.3422i	1.7072-0.3080i	-1.0564-0.6457i
65.0	24.1870-19.6830i	-24.8307-40.9335i	33.4498-72.3352i	-4.1034+2.5193i	0.0261-0.1711i	-0.4506+2.3831i	1.7510-0.2018i	-1.1023-0.6552i
65.1	24.2493-17.8389i	-24.3091-39.8371i	33.6340-74.4950i	-4.1853+2.4170i	0.0110-0.1648i	-0.4205+2.4518i	1.7107-0.0938i	-1.1173-0.5936i
65.2	25.1108-19.3720i	-25.3463-40.7699i	30.4559-76.2592i	-4.2519+2.4813i	0.0074-0.1592i	-0.3821+2.5328i	1.7871-0.1449i	-1.1535-0.5189i
65.3	27.4369-19.2707i	-23.9817-42.5967i	27.6895-79.7566i	-4.4148+2.5442i	0.0118-0.1651i	-0.3695+2.6041i	1.9500-0.0742i	-1.2194-0.4345i
65.4	29.2746-18.0448i	-23.9868-39.9195i	27.0505-80.6121i	-4.5134+2.5630i	0.0117-0.1616i	-0.2966+2.6667i	1.9444+0.0329i	-1.2352-0.4075i
65.5	30.1805-14.2122i	-21.5803-37.4850i	27.3065-83.1917i	-4.6958+2.4121i	0.0163-0.1555i	-0.2357+2.7287i	1.9426+0.2166i	-1.1756-0.3282i
65.6	31.8922-15.5130i	-21.2737-38.5218i	23.6852-85.1918i	-4.7955+2.5042i	0.0071-0.1468i	-0.1876+2.8207i	2.0837+0.2205i	-1.1815-0.2721i
65.7	34.7845-15.1427i	-18.3835-38.8071i	20.6591-90.8463i	-4.9636+2.6439i	0.0070-0.1370i	-0.1326+2.9259i	2.2400+0.3888i	-1.2269-0.2536i
65.8	31.8352-14.5125i	-19.0013-35.4407i	20.2679-89.4548i	-4.8472+2.5558i	0.0104-0.1258i	-0.0667+2.9434i	2.0942+0.4048i	-1.2191-0.2686i
65.9	35.6729-14.4566i	-18.1025-36.3204i	17.6740-91.7654i	-5.0651+2.7370i	0.0284-0.1322i	-0.0439+3.0055i	2.2435+0.4301i	-1.2475-0.2739i
66.0	37.8532-14.9988i	-16.4612-36.4933i	14.7035-94.6477i	-5.1870+2.8921i	0.0438-0.1312i	0.0062+3.0991i	2.4009+0.4697i	-1.2740-0.2117i
66.1	38.9459-16.6964i	-15.6947-37.8024i	10.1879-96.1222i	-5.2048+2.9676i	0.0557-0.1329i	0.0749+3.2364i	2.5200+0.4448i	-1.2703-0.1212i
66.2	39.2648-16.2305i	-14.9914-37.0659i	7.4841-96.6282i	-5.1578+2.9662i	0.0706-0.1339i	0.1674+3.2563i	2.5361+0.4861i	-1.2729-0.0927i
66.3	41.7215-13.1825i	-13.1116-35.7817i	5.9597-99.0421i	-5.3612+2.8960i	0.0878-0.1264i	0.2227+3.3532i	2.6338+0.6601i	-1.2703-0.0335i
66.4	43.4324-12.5824i	-12.0784-34.0644i	4.1033-100.9964i	-5.5519+2.9215i	0.0932-0.1415i	0.3131+3.4714i	2.6999+0.7406i	-1.2489+0.0201i
66.5	45.5664-12.8223i	-11.1027-34.4755i	-0.2974-101.1252i	-5.6984+2.9589i	0.0962-0.1610i	0.4503+3.5403i	2.8450+0.7368i	-1.1961+0.0261i
66.6	49.5002-14.0233i	-10.9021-38.6941i	-7.2310-101.3171i	-5.7704+3.1114i	0.0921-0.1776i	0.5388+3.6561i	3.0764+0.6387i	-1.1553+0.0564i
66.7	50.1537-13.9786i	-11.0642-38.7244i	-9.2336-102.1761i	-5.8385+3.1807i	0.0989-0.1811i	0.6030+3.7453i	3.1028+0.6376i	-1.1189+0.0407i
66.8	51.3849-11.9858i	-7.7215-36.5292i	-11.0572-103.1083i	-5.9526+3.1472i	0.0917-0.1731i	0.7642+3.7625i	3.1372+0.7941i	-1.1381+0.0345i
66.9	50.7041-12.5756i	-7.9390-37.0043i	-12.5033-99.9593i	-5.9277+3.0836i	0.0897-0.1772i	0.8985+3.7711i	3.1803+0.6821i	-1.0782+0.0121i
67.0	54.2053-11.4854i	-6.1622-37.6001i	-17.3760-101.3332i	-6.0895+3.1248i	0.1013-0.1781i	1.0110+3.8494i	3.3900+0.7517i	-1.0825-0.0019i
67.1	54.5897-13.5908i	-5.2524-37.9060i	-21.0259-100.0581i	-6.1087+3.3156i	0.1094-0.1730i	1.1204+3.8927i	3.5053+0.6930i	-1.0634-0.0189i
67.2	54.7847-13.1456i	-6.4499-37.3902i	-23.5636-99.0540i	-6.1233+3.2020i	0.1071-0.1738i	1.2482+3.9465i	3.5003+0.6724i	-1.0809-0.0604i
67.3	56.0296-14.7198i	-4.4805-38.0813i	-27.2854-98.1429i	-6.1518+3.3812i	0.1206-0.1729i	1.3664+3.9706i	3.6305+0.6092i	-1.1085-0.1138i
67.4	59.3635-12.5087i	-2.3286-39.0211i	-29.9677-98.2606i	-6.3557+3.3686i	0.1271-0.1793i	1.4709+4.0507i	3.8136+0.6419i	-1.1363-0.1489i
67.5	60.6866-10.1283i	-1.0235-38.6796i	-32.8764-97.8882i	-6.4786+3.2704i	0.1315-0.1894i	1.6366+4.1433i	3.8969+0.6474i	-1.1903-0.1687i
67.6	61.7325-11.6758i	-0.9873-40.4886i	-35.5728-95.2903i	-6.4915+3.3546i	0.1474-0.2018i	1.7516+4.1964i	3.9788+0.5259i	-1.2052-0.1942i
67.7	64.3385-13.8740i	-0.4831-41.4414i	-38.1362-92.9093i	-6.6331+3.4329i	0.1568-0.1974i	1.9493+4.2058i	4.0674+0.4161i	-1.2799-0.2375i
67.8	64.1807-13.4664i	1.6569-40.5825i	-40.4428-91.7637i	-6.6607+3.4869i	0.1648-0.2062i	2.1152+4.2150i	4.1501+0.3916i	-1.4125-0.2459i
67.9	66.4426-10.6890i	2.3458-41.9345i	-42.6618-89.7485i	-6.7667+3.3360i	0.1673-0.2050i	2.2684+4.2766i	4.2349+0.3581i	-1.5169-0.2421i
68.0	66.7810-9.0495i	4.3829-42.8323i	-44.6373-88.6172i	-6.7980+3.2829i	0.1690-0.2001i	2.4104+4.2863i	4.3006+0.3617i	-1.6195-0.2066i
68.1	66.4613-10.3004i	3.1883-44.8989i	-46.3729-84.9076i	-6.7642+3.2863i	0.1647-0.2268i	2.5914+4.2823i	4.2986+0.1564i	-1.6735-0.1610i
68.2	69.4586-10.2870i	1.7606-46.6206i	-49.1663-82.3686i	-7.0198+3.3418i	0.1692-0.2362i	2.8632+4.2828i	4.2914+0.0265i	-1.7148-0.0906i
68.3	73.9565-10.3393i	5.0831-49.2577i	-51.4454-80.9895i	-7.3796+3.4900i	0.1973-0.2398i	3.0361+4.2499i	4.5002-0.0588i	-1.7689+0.0294i
68.4	76.9725-12.0242i	4.2577-51.4293i	-52.2637-78.6447i	-7.5233+3.5158i	0.2015-0.2564i	3.1149+4.2426i	4.5533-0.2083i	-1.8588+0.0508i
68.5	80.1521-6.7441i	5.9353-52.5294i	-53.6583-76.1709i	-7.8849+3.2904i	0.2083-0.2341i	3.3168+4.1970i	4.5856-0.1206i	-1.9447+0.0886i
68.6	82.8326-5.8308i	5.6875-55.8014i	-55.3382-74.1323i	-8.0016+3.3188i	0.2212-0.2584i	3.5145+4.1831i	4.6197-0.2450i	-1.9463+0.1850i

68.7	85.6510-5.0733i	4.7413-57.6472i	-55.4948-72.1216i	-8.1705+3.3868i	0.2358-0.2706i	3.6566+4.1567i	4.6280-0.3414i	-1.9468+0.2708i
68.8	86.4117-4.8497i	5.7077-57.1609i	-56.4126-69.7782i	-8.4276+3.4196i	0.2416-0.2606i	3.8339+4.0585i	4.6355-0.3204i	-1.9948+0.3649i
68.9	93.0171+3.3232i	8.3783-61.6864i	-58.5243-68.2443i	-9.0276+3.1537i	0.2915-0.2601i	3.9953+4.0267i	4.8283-0.2548i	-2.0742+0.4183i
69.0	97.1934+3.0077i	7.1277-62.9179i	-59.5013-65.5097i	-9.2782+3.2678i	0.3040-0.2743i	4.1703+3.9607i	4.8447-0.3241i	-2.0935+0.5064i
69.1	103.1938-1.5783i	2.4949-64.6674i	-58.7296-62.5072i	-9.5294+3.6767i	0.3034-0.3110i	4.3390+3.9266i	4.7997-0.5195i	-2.1004+0.5868i
69.2	107.4033+5.4042i	3.6379-69.1778i	-59.8763-60.8333i	-9.8142+3.4634i	0.3407-0.3184i	4.5540+3.9207i	4.9023-0.4634i	-2.1563+0.6694i
69.3	111.3502+6.5300i	4.8550-70.0754i	-60.9565-58.7694i	-10.1475+3.5807i	0.3741-0.3267i	4.7422+3.8289i	5.0029-0.4424i	-2.1553+0.7380i
69.4	125.7605+1.1645i	-0.6686-73.1244i	-61.7832-55.3951i	-10.8935+4.0923i	0.4187-0.3940i	4.9976+3.7611i	5.1815-0.6380i	-2.1984+0.8265i
69.5	132.4366-0.3989i	-3.2476-76.3677i	-60.8735-52.8559i	-11.1884+4.3180i	0.4461-0.4582i	5.1965+3.7175i	5.2654-0.7709i	-2.2186+0.8661i
69.6	142.8628-0.8625i	-6.7154-76.7410i	-60.8052-52.0398i	-11.7999+4.5865i	0.4473-0.4990i	5.4891+3.6788i	5.3340-0.7705i	-2.3335+0.9594i
69.7	138.6381+0.2924i	-8.0050-75.8325i	-59.3109-49.9746i	-11.5911+4.5121i	0.3944-0.5204i	5.6451+3.4651i	5.1351-0.7944i	-2.3260+1.0372i
69.8	145.9035-6.5688i	-10.4398-75.3032i	-60.0531-48.1520i	-11.9187+5.0427i	0.3891-0.5805i	5.8842+3.2923i	5.2393-0.9250i	-2.3781+1.1702i
69.9	156.3389-16.5877i	-13.5788-76.1284i	-59.7409-45.6479i	-12.4368+5.8799i	0.3888-0.6490i	6.1707+3.0436i	5.3973-1.1096i	-2.4507+1.3708i
70.0	173.3033-15.2515i	-16.1167-78.5122i	-60.3816-43.6336i	-13.3225+5.9216i	0.4109-0.6758i	6.3738+2.8532i	5.6258-1.1131i	-2.4682+1.5330i
70.1	182.1695-5.7285i	-16.3427-78.5239i	-59.4435-44.0025i	-13.9755+5.7011i	0.4219-0.6568i	6.5369+2.7098i	5.7278-0.8451i	-2.5201+1.5884i
70.2	187.5559-12.9763i	-18.1665-77.6103i	-58.6065-41.3332i	-14.1621+6.3257i	0.3918-0.6919i	6.7072+2.3505i	5.7752-0.9850i	-2.4582+1.7119i
70.3	198.4991-19.7215i	-20.7925-76.6102i	-58.4789-40.6842i	-14.5779+6.7590i	0.3777-0.7318i	6.8480+2.1157i	5.9538-1.0737i	-2.4472+1.9211i
70.4	205.5736-40.5618i	-24.6851-75.8019i	-58.6050-38.3602i	-14.6159+8.0379i	0.3253-0.8238i	6.9689+1.7943i	6.0804-1.5036i	-2.3774+2.1703i
70.5	215.7340-57.4409i	-27.0988-74.2199i	-58.7899-36.4831i	-14.9337+9.1631i	0.2982-0.8937i	7.1273+1.5945i	6.2617-1.7914i	-2.3554+2.3240i
70.6	222.7613-65.3452i	-27.1959-71.8684i	-58.5746-35.8819i	-15.2423+9.7027i	0.2893-0.8945i	7.2020+1.2537i	6.4130-1.8462i	-2.2831+2.5011i
70.7	225.5841-77.6271i	-27.9189-71.0607i	-58.4704-32.8254i	-15.3586+10.4404i	0.2526-0.9000i	7.2631+0.9249i	6.4853-2.0813i	-2.1837+2.6135i
70.8	238.7056-90.6180i	-30.4673-70.2374i	-58.2033-31.6948i	-15.8640+11.4313i	0.2379-0.9438i	7.3947+0.6162i	6.7315-2.3017i	-2.1443+2.7836i
70.9	248.6254-103.3270i	-31.3144-69.0071i	-57.5777-31.0884i	-16.2666+12.3026i	0.2258-0.9724i	7.4601+0.3531i	6.9407-2.5150i	-2.0564+2.9594i
71.0	244.0871-120.2197i	-30.7855-66.8642i	-56.7846-29.4973i	-15.8839+13.3705i	0.1735-0.9874i	7.4255+0.0115i	6.8816-2.8738i	-1.8705+3.0532i
71.1	233.5935-141.1650i	-30.4223-65.9638i	-55.7176-27.6518i	-15.0195+14.5671i	0.1099-1.0235i	7.3385-0.3615i	6.7059-3.3780i	-1.6981+3.1756i
71.2	233.2186-151.9200i	-28.4088-64.2009i	-55.8154-26.9777i	-14.9714+14.9822i	0.1141-1.0049i	7.2665-0.6249i	6.7709-3.5085i	-1.5936+3.3096i
71.3	243.3355-179.6842i	-28.6782-65.4906i	-56.5577-24.4278i	-15.1648+16.8780i	0.1444-1.0744i	7.2190-1.0651i	7.0654-4.1170i	-1.4086+3.5039i
71.4	246.4289-183.4295i	-29.2543-65.6883i	-55.3022-23.6292i	-15.2953+17.3034i	0.1401-1.0636i	7.1758-1.3466i	7.0273-4.1911i	-1.3682+3.6126i
71.5	234.4041-199.0046i	-27.7256-66.6702i	-54.9996-21.1101i	-14.4070+18.2058i	0.1185-1.0985i	7.0573-1.6587i	6.8634-4.6240i	-1.1958+3.7254i
71.6	220.5595-207.9163i	-28.0960-67.0079i	-53.5595-18.7119i	-13.4088+18.6404i	0.0801-1.1084i	6.8109-2.0342i	6.5349-4.9136i	-0.9678+3.8436i
71.7	219.4255-228.5814i	-27.7602-66.0827i	-52.2505-19.1878i	-13.1691+19.9547i	0.1062-1.1730i	6.5742-2.2653i	6.6136-5.2676i	-0.7536+4.0116i
71.8	222.0176-252.9910i	-27.3072-68.1325i	-51.9753-17.8034i	-13.0379+21.5780i	0.1391-1.2724i	6.3294-2.4601i	6.7678-5.7821i	-0.5065+4.1461i
71.9	206.0348-273.2499i	-26.8607-68.7629i	-51.9915-16.3251i	-11.6844+22.7321i	0.0742-1.3315i	6.0308-2.6942i	6.4093-6.2677i	-0.1547+4.2147i
72.0	195.9296-279.9065i	-28.0554-68.5002i	-50.8469-15.4408i	-10.9952+22.9994i	0.0323-1.3497i	5.8856-2.7612i	6.1454-6.4344i	0.0149+4.2300i
72.1	166.2998-286.7316i	-30.2265-70.1512i	-48.6456-12.8796i	-9.1512+23.2951i	-0.0740-1.4148i	5.5737-2.8245i	5.4888-6.7683i	0.3844+4.0992i
72.2	150.4613-304.9242i	-31.7272-71.9050i	-47.7550-10.8027i	-7.7794+24.2665i	-0.1520-1.5169i	5.3012-2.8605i	5.1736-7.2989i	0.7510+4.0016i
72.3	145.0350-319.6284i	-31.5999-72.2085i	-47.6283-10.3552i	-7.2409+25.0779i	-0.1828-1.5938i	5.0933-2.9347i	5.0695-7.6019i	1.0049+3.9354i
72.4	138.8844-342.3320i	-33.4382-73.1449i	-46.6480-9.3790i	-6.2439+26.4740i	-0.2449-1.7266i	4.8483-2.9498i	4.9232-8.1057i	1.2186+3.8380i
72.5	118.8707-353.7779i	-35.7273-75.7079i	-44.4484-7.5286i	-4.6376+27.1834i	-0.3371-1.8080i	4.6441-2.9410i	4.4600-8.5032i	1.4010+3.5862i
72.6	108.0254-347.7063i	-36.9199-76.2275i	-43.2395-6.9111i	-4.0278+26.7503i	-0.3527-1.7800i	4.5437-3.0074i	4.2109-8.3875i	1.4739+3.4993i
72.7	93.4637-346.5230i	-38.7983-76.5374i	-41.6159-6.1116i	-2.9810+26.5235i	-0.4223-1.8143i	4.3401-3.0193i	3.8018-8.4686i	1.5663+3.3507i
72.8	70.7360-348.5699i	-41.2046-76.3209i	-40.0829-6.0231i	-1.4275+26.5146i	-0.5650-1.8545i	4.1910-2.9631i	3.2592-8.6489i	1.7044+3.1951i
72.9	47.3623-346.4770i	-43.4629-75.3287i	-38.1555-5.5693i	0.1067+26.0237i	-0.7371-1.8424i	4.1581-2.8839i	2.6149-8.6503i	1.7692+3.0651i
73.0	24.4679-365.9480i	-46.1533-76.8386i	-37.4113-3.7626i	1.8906+26.7833i	-0.9012-1.9839i	4.1076-2.7886i	2.0928-9.1426i	1.8769+2.9569i
73.1	15.4933-357.9863i	-47.4105-75.9684i	-35.8291-4.3530i	2.5146+26.1387i	-0.9778-1.9347i	4.0636-2.7338i	1.8036-8.9093i	1.8990+2.8273i
73.2	-8.2483-347.5931i	-52.0518-75.0890i	-33.3387-3.9432i	4.2805+25.1680i	-1.1887-1.9038i	3.9989-2.5958i	1.0719-8.8004i	1.9254+2.6309i
73.3	-32.2737-352.0376i	-54.5817-76.1402i	-31.3961-3.2207i	6.0654+25.2247i	-1.3763-1.9594i	3.9802-2.5427i	0.4654-9.0281i	2.0154+2.4942i
73.4	-36.8580-345.8708i	-55.5883-75.0495i	-30.2249-3.6003i	6.4187+24.8507i	-1.4335-1.9260i	3.8981-2.5818i	0.2742-8.8630i	2.0468+2.4444i
73.5	-53.1891-334.1444i	-57.3807-73.6437i	-29.3134-3.3443i	7.2861+23.8996i	-1.5712-1.8518i	3.9000-2.6525i	-0.2012-8.6341i	2.0900+2.3797i
73.6	-72.4311-324.4507i	-60.6253-72.1719i	-27.5710-3.9674i	8.5900+22.9103i	-1.7608-1.7533i	3.9278-2.6725i	-0.8216-8.3871i	2.1185+2.2916i
73.7	-80.2737-316.7311i	-62.1876-71.5887i	-26.3080-4.3881i	9.1111+22.3343i	-1.8425-1.7063i	3.9151-2.7081i	-1.0797-8.2297i	2.1797+2.2524i
73.8	-87.0618-307.1596i	-64.3695-69.6476i	-24.5334-5.0790i	9.6912+21.4930i	-1.9568-1.6198i	3.8235-2.6694i	-1.3922-7.9686i	2.2719+2.1491i
73.9	-98.8696-304.4027i	-66.2731-68.3705i	-23.8128-4.9646i	10.4672+21.0991i	-2.0678-1.5975i	3.8230-2.6664i	-1.6992-7.8851i	2.3734+2.0636i
74.0	-107.4731-287.2145i	-67.6973-66.0603i	-22.8823-5.1263i	10.6996+19.8913i	-2.1430-1.4648i	3.8940-2.7044i	-1.9714-7.4601i	2.4282+1.9481i
74.1	-112.3186-275.7792i	-68.3830-63.2930i	-21.9572-6.3773i	11.0372+18.9038i	-2.2070-1.3306i	3.9075-2.6737i	-2.1568-7.0667i	2.4708+1.8111i
74.2	-119.1327-267.1752i	-69.6000-61.7308i	-20.8020-6.7731i	11.4977+18.1209i	-2.2938-1.2343i	3.9134-2.7588i	-2.3848-6.8210i	2.4882+1.7098i
74.3	-125.6404-253.0108i	-70.5577-59.5825i	-21.4822-6.8618i	11.8024+16.9941i	-2.3640-1.0957i	4.0848-2.9011i	-2.5813-6.4840i	2.5264+1.6186i
74.4	-129.4383-241.7261i	-72.8496-57.0678i	-20.0335-7.5371i	12.0455+16.1028i	-2.4873-0.9882i	4.1522-3.0163i	-2.8585-6.2025i	2.5505+1.5095i
74.5	-127.4427-234.9001i	-73.2799-55.4587i	-19.2597-8.4304i	11.8309+15.5677i	-2.5239-0.8981i	4.1566-3.0858i	-2.9174-5.9305i	2.5202+1.4333i
74.6	-129.9388-225.9412i	-74.6720-54.1369i	-18.2225-8.1768i	12.0262+14.8974i	-2.5951-0.8047i	4.0590-3.2605i	-3.0631-5.6997i	2.5397+1.3036i
74.7	-135.8526-219.2274i	-75.9702-51.7530i	-17.7821-8.7448i	12.5219+14.1539i	-2.6974-0.7065i	4.1117-3.3701i	-3.2569-5.4984i	2.5707+1.2424i
74.8	-138.3453-209.8604i	-76.0774-49.4967i	-17.6839-9.7198i	12.5009+13.3538i	-2.7296-0.5638i	4.2180-3.4845i	-3.3163-5.1976i	2.6015+1.2218i
74.9	-129.3949-200.1881i	-75.3030-46.9474i	-16.8804-10.8229i	11.7900+12.7733i	-2.7059-0.3916i	4.0713-3.6731i	-3.2253-4.7770i	2.6000+1.0984i

75.0	-134.4210-192.5033i	-76.2477-45.2767i	-16.8608-11.5077i	12.1038+12.1272i	-2.7367-0.2907i	4.0349-3.9271i	-3.3018-4.5912i	2.6311+1.0421i
75.1	-135.3712-184.6963i	-76.8182-43.6671i	-16.4291-11.6853i	12.2543+11.5773i	-2.7409-0.1865i	3.9196-4.0687i	-3.3682-4.3903i	2.6380+0.9601i
75.2	-137.3052-179.3153i	-77.3532-42.2211i	-15.9367-11.8127i	12.3946+10.9062i	-2.8101-0.0544i	3.9301-4.1233i	-3.4645-4.1743i	2.6185+0.8419i
75.3	-134.3758-177.5413i	-77.9252-41.0143i	-14.7955-11.5563i	12.2355+10.6092i	-2.9008+0.0397i	3.7364-4.3130i	-3.5668-4.0380i	2.6320+0.6949i
75.4	-134.0284-175.4916i	-78.1420-39.3160i	-15.0091-11.8976i	12.1463+10.2416i	-2.9098+0.1536i	3.6825-4.5251i	-3.5458-3.8579i	2.6649+0.6577i
75.5	-133.4302-164.8080i	-78.3039-36.7379i	-14.3711-12.8168i	11.9309+9.5049i	-2.8845+0.2957i	3.4962-4.6675i	-3.5325-3.5703i	2.6647+0.5647i
75.6	-128.4544-155.0908i	-77.9836-34.5349i	-13.5940-13.4002i	11.5277+8.7380i	-2.8892+0.4486i	3.2069-4.8331i	-3.5617-3.2732i	2.6310+0.4573i
75.7	-125.1016-150.7910i	-78.1017-32.3066i	-12.5088-14.5477i	11.2934+8.2295i	-2.8624+0.6325i	2.9984-4.8973i	-3.5130-2.9722i	2.6448+0.3538i
75.8	-126.0999-149.7038i	-77.3019-31.2759i	-12.5114-14.8068i	11.3731+8.0543i	-2.8408+0.7574i	2.8665-4.9623i	-3.4587-2.8517i	2.6456+0.2498i
75.9	-121.9218-150.5414i	-76.5488-29.3390i	-13.1653-15.4698i	11.2598+8.0002i	-2.7980+0.8546i	2.6218-5.0530i	-3.3381-2.7283i	2.6771+0.1991i
76.0	-120.3391-143.7113i	-78.3873-27.2787i	-12.1879-15.7014i	11.0623+7.5194i	-2.8273+1.0283i	2.3759-5.1710i	-3.4139-2.4808i	2.6627+0.0791i
76.1	-115.6659-142.3403i	-78.1887-24.9233i	-11.2856-17.2721i	10.7323+7.1614i	-2.7740+1.1976i	2.1729-5.1352i	-3.3722-2.2471i	2.5791-0.0237i
76.2	-115.4392-141.8500i	-76.7705-23.4704i	-11.9426-17.8384i	10.5746+6.9207i	-2.7490+1.3356i	2.0236-5.1454i	-3.3284-2.1375i	2.5885-0.1162i
76.3	-117.2513-138.1957i	-77.0770-21.2101i	-11.7606-18.4907i	10.5401+6.4268i	-2.7025+1.4775i	1.8357-5.1317i	-3.3068-1.9703i	2.5919-0.1697i
76.4	-113.4399-135.5494i	-76.9579-20.3074i	-11.4542-18.8942i	10.2742+6.1692i	-2.6139+1.5983i	1.5702-5.0362i	-3.2412-1.7940i	2.5412-0.2734i
76.5	-114.9262-135.7955i	-75.7693-19.4155i	-12.1362-19.1172i	10.2747+6.0532i	-2.5086+1.7048i	1.3694-4.9796i	-3.0693-1.7360i	2.6218-0.4061i
76.6	-115.2629-132.6550i	-75.5174-17.3708i	-11.9214-19.4708i	10.2031+5.5427i	-2.4784+1.8724i	1.2836-4.9696i	-3.0774-1.5734i	2.6003-0.5708i
76.7	-114.2360-127.6594i	-74.7402-15.1543i	-11.7407-20.1720i	9.8800+4.8586i	-2.3571+2.0351i	1.1109-4.8605i	-3.0428-1.3743i	2.5186-0.7050i
76.8	-113.0933-128.9495i	-73.6698-13.5969i	-11.9654-21.2254i	9.6655+4.8311i	-2.2400+2.1204i	0.9806-4.7217i	-2.9239-1.3102i	2.4169-0.8090i
76.9	-111.7978-126.1886i	-72.2038-11.9905i	-12.1795-21.7154i	9.3202+4.4679i	-2.1233+2.2372i	0.9017-4.6740i	-2.8924-1.1871i	2.3546-0.9459i
77.0	-108.0909-128.0998i	-70.3562-10.2245i	-12.9944-22.5481i	8.9576+4.5460i	-1.9244+2.3503i	0.7962-4.5509i	-2.6992-1.0308i	2.2588-1.0198i
77.1	-109.9082-127.0531i	-69.4952-9.5937i	-13.5455-22.9294i	8.9365+4.4339i	-1.8053+2.4272i	0.7711-4.4715i	-2.6226-0.9741i	2.1706-1.0888i
77.2	-108.4344-123.8303i	-68.7864-7.7060i	-13.8348-23.7719i	8.6344+4.1234i	-1.6181+2.5372i	0.7507-4.4547i	-2.5203-0.7801i	2.0699-1.1823i
77.3	-108.0709-120.7351i	-68.3978-6.6275i	-13.4816-23.2417i	8.3316+3.8341i	-1.5182+2.5791i	0.6930-4.4139i	-2.4971-0.7035i	1.9791-1.2718i
77.4	-107.3156-118.6292i	-67.0113-5.4538i	-13.9051-23.7184i	8.1829+3.5930i	-1.3428+2.6572i	0.6447-4.4320i	-2.3985-0.6408i	1.8286-1.3662i
77.5	-111.5022-117.0683i	-66.1005-5.1734i	-15.5136-23.8284i	8.2655+3.2971i	-1.1858+2.7408i	0.6525-4.5141i	-2.3010-0.6019i	1.7612-1.4555i
77.6	-112.7945-118.2365i	-64.7107-4.6485i	-16.9699-23.8218i	8.2013+3.1595i	-1.0573+2.7846i	0.6335-4.5893i	-2.2297-0.6113i	1.6784-1.5193i
77.7	-112.2063-120.0987i	-63.4351-3.0802i	-17.8235-24.7792i	8.0877+3.0583i	-0.8635+2.8512i	0.5787-4.6156i	-2.1078-0.5441i	1.5218-1.5939i
77.8	-112.3755-116.2020i	-62.3421-2.0853i	-18.9045-24.4008i	7.7865+2.8598i	-0.6970+2.8310i	0.4219-4.6955i	-2.0184-0.4829i	1.4204-1.5910i
77.9	-111.6262-111.0048i	-62.1668-1.1582i	-17.8866-23.3866i	7.4745+2.4443i	-0.4742+2.8664i	0.2736-4.7840i	-2.0019-0.4204i	1.2366-1.6402i
78.0	-111.1071-109.0507i	-61.6951-0.4297i	-17.4541-22.9744i	7.2886+2.2387i	-0.3597+2.8395i	0.1520-4.7641i	-2.0347-0.4467i	1.0099-1.7492i
78.1	-111.3751-109.3029i	-60.2826-0.2600i	-18.5810-23.4392i	7.1086+2.1943i	-0.2027+2.7802i	0.0900-4.7595i	-1.9640-0.4164i	0.9034-1.6898i
78.2	-108.6784-106.3236i	-58.2133+0.3618i	-18.8856-23.3995i	6.7462+2.1791i	-0.0064+2.6754i	-0.0942-4.7300i	-1.8729-0.3399i	0.7281-1.5525i
78.3	-109.2629-106.5513i	-57.6977+0.6699i	-18.9284-23.8891i	6.4491+2.1720i	0.1557+2.6173i	-0.2919-4.6657i	-1.8296-0.2603i	0.5579-1.4858i
78.4	-109.4288-106.9509i	-57.0975+1.3395i	-19.1809-23.9265i	6.2766+2.1281i	0.2541+2.5906i	-0.4011-4.6876i	-1.8073-0.2305i	0.5063-1.4690i
78.5	-109.9337-103.8810i	-56.1479+2.2545i	-19.9015-23.7547i	6.1420+2.0913i	0.4529+2.4626i	-0.6232-4.6416i	-1.7404-0.1714i	0.4185-1.3647i
78.6	-109.8985-102.9987i	-54.5509+2.1565i	-20.4749-23.5344i	5.9476+2.0586i	0.5524+2.3511i	-0.8334-4.5419i	-1.6803-0.1390i	0.3337-1.2668i
78.7	-108.0240-102.6690i	-52.7285+3.1089i	-20.8721-24.0288i	5.6743+2.0244i	0.6754+2.2575i	-0.9449-4.4425i	-1.5838-0.0106i	0.2521-1.1799i
78.8	-112.2525-100.4725i	-51.8549+3.3676i	-22.1238-23.5212i	5.5895+1.8319i	0.8435+2.1593i	-1.1280-4.4301i	-1.4777+0.0546i	0.2108-1.1012i
78.9	-113.9231-98.2325i	-50.5865+3.3652i	-24.2002-23.0757i	5.6340+1.9379i	0.9076+1.9185i	-1.3317-4.3844i	-1.3091-0.0632i	0.2054-1.0486i
79.0	-116.4964-93.7278i	-50.2583+0.9585i	-26.5217-20.0501i	5.7791+1.8474i	0.8096+1.6004i	-1.5264-4.3112i	-1.2429-0.4358i	0.2050-1.0092i
79.1	-111.8331-88.7409i	-51.2523+0.0370i	-24.6485-16.4473i	5.7363+1.6806i	0.4763+1.5350i	-1.7065-3.9851i	-1.5861-0.6615i	0.1239-0.9888i
79.2	-107.6119-87.1378i	-52.2611+1.4414i	-21.7208-15.7466i	5.3562+1.4453i	0.4312+1.7510i	-1.7323-3.7845i	-1.9231-0.4062i	0.0467-0.9172i
79.3	-104.6328-86.3200i	-51.0491+3.1952i	-20.6820-16.1017i	4.8589+1.4533i	0.6043+1.7357i	-1.7919-3.6437i	-1.7782-0.1052i	0.0463-0.8596i
79.4	-103.2933-87.2600i	-50.3288+4.1885i	-19.9872-16.9252i	4.8035+1.4427i	0.6839+1.7326i	-1.7881-3.4857i	-1.7385+0.1013i	0.0371-0.7836i
79.5	-102.2715-87.7045i	-49.5054+5.3435i	-20.1196-17.8951i	4.7508+1.5311i	0.7667+1.7427i	-1.8109-3.4498i	-1.7144+0.2448i	-0.0597-0.7455i
79.6	-100.3279-86.5384i	-49.3247+5.7712i	-18.9034-17.4693i	4.6527+1.5430i	0.7902+1.6600i	-1.8932-3.2354i	-1.6449+0.2794i	0.0042-0.6307i
79.7	-100.2138-85.7216i	-48.2196+6.9290i	-18.6898-17.5352i	4.4623+1.4904i	0.8611+1.5667i	-1.9550-3.0443i	-1.5366+0.3763i	0.0451-0.5462i
79.8	-101.0030-84.0699i	-47.5795+7.9713i	-19.1399-17.0844i	4.3176+1.3735i	0.8969+1.5372i	-2.0307-2.9771i	-1.5390+0.5071i	0.0410-0.4922i
79.9	-101.2320-85.0786i	-46.3577+7.8933i	-19.3056-17.0940i	4.2555+1.3665i	0.9420+1.4666i	-2.0385-2.8404i	-1.4117+0.5285i	0.1147-0.4330i
80.0	-99.6157-84.3780i	-45.4061+8.4975i	-19.4423-17.1272i	4.2217+1.3483i	0.9583+1.4397i	-2.0260-2.7221i	-1.3432+0.6071i	0.0609-0.3959i

2.1.80 Run 7 – VT270-200 – Accels 9–16

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	1.1805+0.0000i	-5.6013+0.0000i	-3.0942+0.0000i	7.4616+0.0000i	6.6654+0.0000i	1.6993+0.0000i	-5.2868+0.0000i	10.3289+0.0000i
0.1	-0.0193-1.2143i	-0.9964+0.2028i	-0.3895-0.2043i	1.3981-0.1057i	1.6583-0.7688i	0.1138-0.1818i	-1.1238-0.1376i	1.4702+0.1751i
0.2	0.2069-0.4755i	-0.0344-0.0539i	-0.0742+0.1490i	0.0040-0.0703i	-0.1207-0.2193i	-0.0355+0.0674i	-0.0752-0.0479i	-0.0946+0.0173i
0.3	0.0645+0.1648i	0.0471-0.0056i	-0.0741+0.1109i	-0.0229-0.0222i	-0.1348-0.0385i	-0.0329-0.0145i	-0.0468+0.0668i	-0.0290+0.0241i
0.4	-0.0444+0.0472i	0.0104-0.0035i	0.0391+0.0202i	0.0006+0.0185i	0.0332+0.0326i	-0.0144-0.0509i	-0.0110+0.0178i	-0.0061-0.0150i
0.5	0.0076-0.0127i	-0.0141-0.0045i	0.0199-0.0060i	0.0095+0.0076i	0.0142+0.0000i	-0.0171-0.0041i	0.0022+0.0071i	-0.0243+0.0105i
0.6	0.0196-0.0076i	-0.0233-0.0053i	0.0026-0.0008i	0.0029+0.0070i	-0.0019+0.0029i	-0.0115+0.0058i	0.0040+0.0044i	-0.0065+0.0016i
0.7	0.0057+0.0003i	-0.0217-0.0058i	-0.0026-0.0020i	0.0054+0.0004i	0.0004+0.0038i	-0.0071+0.0041i	0.0021-0.0009i	-0.0021+0.0014i
0.8	-0.0090+0.0101i	-0.0236-0.0081i	-0.0003-0.0040i	0.0050-0.0045i	-0.0022-0.0014i	-0.0025+0.0015i	0.0015-0.0035i	-0.0070-0.0014i
0.9	-0.0018+0.0106i	-0.0355-0.0024i	-0.0009-0.0024i	-0.0007-0.0019i	-0.0041-0.0005i	-0.0031+0.0007i	0.0008-0.0019i	-0.0084+0.0011i
1.0	0.0024+0.0005i	-0.0398-0.0062i	-0.0026+0.0001i	-0.0017+0.0019i	-0.0083+0.0004i	-0.0036-0.0001i	-0.0016-0.0015i	-0.0095+0.0007i
1.1	-0.0023+0.0031i	-0.0414-0.0040i	-0.0042+0.0006i	-0.0008+0.0031i	-0.0089+0.0018i	-0.0078-0.0040i	-0.0016-0.0003i	-0.0112-0.0023i
1.2	-0.0010+0.0039i	-0.0527-0.0022i	-0.0020-0.0023i	0.0001+0.0013i	-0.0106-0.0002i	-0.0052-0.0018i	0.0010-0.0004i	-0.0132-0.0022i
1.3	0.0019+0.0012i	-0.0569-0.0043i	-0.0031-0.0005i	-0.0013+0.0007i	-0.0137-0.0003i	-0.0048-0.0004i	-0.0009+0.0000i	-0.0139-0.0011i
1.4	0.0002+0.0017i	-0.0636-0.0048i	-0.0053+0.0000i	-0.0018-0.0007i	-0.0165-0.0015i	-0.0071-0.0013i	-0.0026-0.0014i	-0.0160-0.0014i
1.5	-0.0025-0.0012i	-0.0771-0.0048i	-0.0071-0.0003i	-0.0004-0.0016i	-0.0199-0.0016i	-0.0061-0.0012i	-0.0008-0.0015i	-0.0207-0.0014i
1.6	-0.0045+0.0003i	-0.0897-0.0077i	-0.0094-0.0013i	0.0014-0.0069i	-0.0231-0.0015i	-0.0105+0.0020i	0.0025-0.0058i	-0.0231-0.0012i
1.7	-0.0039+0.0028i	-0.1026-0.0083i	-0.0110-0.0011i	-0.0062-0.0098i	-0.0237-0.0024i	-0.0124+0.0019i	-0.0068-0.0071i	-0.0241-0.0017i
1.8	-0.0054+0.0028i	-0.1124-0.0062i	-0.0160+0.0018i	-0.0189+0.0021i	-0.0261-0.0019i	-0.0126-0.0004i	-0.0198-0.0000i	-0.0299-0.0005i
1.9	-0.0100+0.0123i	-0.1342+0.0121i	-0.0233+0.0009i	-0.0319+0.0261i	-0.0321-0.0027i	-0.0166-0.0049i	-0.0278+0.0232i	-0.0352-0.0009i
2.0	-0.0019+0.0269i	-0.1434+0.0267i	-0.0280+0.0008i	-0.0143+0.0567i	-0.0378-0.0030i	-0.0241-0.0096i	-0.0102+0.0553i	-0.0409+0.0003i
2.1	0.0182+0.0345i	-0.1416+0.0283i	-0.0364+0.0004i	0.0276+0.0696i	-0.0450-0.0023i	-0.0390-0.0101i	0.0307+0.0669i	-0.0453+0.0000i
2.2	0.0458+0.0073i	-0.1531+0.0022i	-0.0607+0.0015i	0.0800+0.0176i	-0.0547-0.0014i	-0.0709-0.0005i	0.0824+0.0139i	-0.0537-0.0017i
2.3	0.0195-0.0072i	-0.2366+0.0356i	-0.1198+0.0594i	0.0271-0.0092i	-0.0688+0.0098i	-0.1221+0.0577i	0.0289-0.0121i	-0.0691+0.0082i
2.4	0.0111+0.0012i	-0.2234+0.1837i	-0.0767+0.2244i	0.0117+0.0103i	-0.0664+0.0400i	-0.0780+0.2166i	0.0139+0.0066i	-0.0657+0.0419i
2.5	0.0157-0.0021i	-0.0569+0.1181i	0.1321+0.1433i	0.0273+0.0004i	-0.0319+0.0259i	0.1237+0.1388i	0.0278-0.0030i	-0.0309+0.0259i
2.6	0.0132-0.0075i	-0.0863+0.0134i	0.1113+0.0221i	0.0217-0.0089i	-0.0397+0.0051i	0.1047+0.0218i	0.0232-0.0115i	-0.0401+0.0035i
2.7	0.0117-0.0062i	-0.1376+0.0045i	0.0667+0.0122i	0.0149-0.0053i	-0.0515+0.0035i	0.0630+0.0122i	0.0169-0.0076i	-0.0524+0.0016i
2.8	0.0123-0.0030i	-0.1704+0.0020i	0.0477+0.0053i	0.0158-0.0074i	-0.0637-0.0005i	0.0442+0.0048i	0.0166-0.0066i	-0.0624-0.0018i
2.9	0.0098-0.0022i	-0.1876+0.0007i	0.0399+0.0058i	0.0139-0.0042i	-0.0705-0.0012i	0.0387+0.0063i	0.0156-0.0067i	-0.0715-0.0015i
3.0	0.0082-0.0048i	-0.2131-0.0030i	0.0342+0.0067i	0.0106-0.0046i	-0.0774-0.0031i	0.0322+0.0069i	0.0132-0.0076i	-0.0815-0.0016i
3.1	0.0098-0.0040i	-0.2378+0.0023i	0.0315+0.0071i	0.0081-0.0050i	-0.0875-0.0023i	0.0284+0.0064i	0.0125-0.0065i	-0.0896-0.0009i
3.2	0.0127-0.0031i	-0.2538+0.0025i	0.0318+0.0085i	0.0096-0.0042i	-0.0954-0.0011i	0.0294+0.0103i	0.0137-0.0038i	-0.0964-0.0019i
3.3	0.0097-0.0058i	-0.2704-0.0039i	0.0319+0.0073i	0.0102-0.0069i	-0.1013-0.0018i	0.0309+0.0073i	0.0118-0.0077i	-0.1054-0.0024i
3.4	0.0060-0.0037i	-0.2880-0.0036i	0.0322+0.0051i	0.0033-0.0065i	-0.1126-0.0025i	0.0272+0.0033i	0.0061-0.0063i	-0.1141-0.0061i
3.5	0.0067-0.0011i	-0.2987-0.0047i	0.0305+0.0057i	0.0012-0.0062i	-0.1204-0.0060i	0.0294+0.0039i	-0.0002-0.0023i	-0.1197-0.0058i
3.6	0.0082-0.0022i	-0.3378-0.0062i	0.0342+0.0013i	0.0112+0.0118i	-0.1290+0.0031i	0.0237+0.0021i	0.0027+0.0025i	-0.1358+0.0015i
3.7	0.0200+0.0030i	-0.3900-0.0184i	0.0283+0.0028i	0.0186+0.0109i	-0.1414+0.0093i	0.0235-0.0037i	0.0205+0.0053i	-0.1440+0.0069i
3.8	0.0193+0.0022i	-0.4133-0.0099i	0.0262+0.0003i	0.0200+0.0055i	-0.1546+0.0035i	0.0230-0.0029i	0.0221+0.0043i	-0.1603+0.0037i
3.9	0.0183+0.0002i	-0.4318-0.0124i	0.0267-0.0010i	0.0188+0.0006i	-0.1656+0.0005i	0.0219-0.0008i	0.0203+0.0009i	-0.1715+0.0011i
4.0	0.0170+0.0003i	-0.4487-0.0129i	0.0259-0.0010i	0.0163-0.0007i	-0.1753-0.0013i	0.0213-0.0008i	0.0179-0.0010i	-0.1811-0.0007i
4.1	0.0154+0.0013i	-0.4694-0.0119i	0.0245-0.0003i	0.0137+0.0004i	-0.1871-0.0016i	0.0207-0.0004i	0.0158+0.0001i	-0.1938-0.0015i
4.2	0.0151+0.0015i	-0.4976-0.0081i	0.0241+0.0003i	0.0134+0.0024i	-0.2031-0.0011i	0.0198+0.0003i	0.0158+0.0038i	-0.2099-0.0012i
4.3	0.0154+0.0024i	-0.5270-0.0103i	0.0243+0.0006i	0.0135+0.0048i	-0.2205-0.0048i	0.0197-0.0006i	0.0156+0.0064i	-0.2275-0.0043i
4.4	0.0166+0.0047i	-0.5531-0.0078i	0.0243-0.0002i	0.0132+0.0075i	-0.2386-0.0050i	0.0195-0.0008i	0.0161+0.0075i	-0.2463-0.0047i
4.5	0.0192+0.0074i	-0.5930-0.0036i	0.0222-0.0007i	0.0117+0.0126i	-0.2659-0.0037i	0.0173-0.0008i	0.0166+0.0125i	-0.2738-0.0029i
4.6	0.0200+0.0100i	-0.6216-0.0019i	0.0212-0.0002i	0.0104+0.0182i	-0.2852-0.0025i	0.0154-0.0004i	0.0171+0.0168i	-0.2945-0.0037i
4.7	0.0277+0.0239i	-0.6516+0.0128i	0.0205+0.0097i	0.0211+0.0400i	-0.3201+0.0001i	0.0158+0.0061i	0.0262+0.0375i	-0.3257-0.0016i
4.8	0.0607+0.0174i	-0.6406+0.0121i	0.0389+0.0070i	0.0767+0.0281i	-0.3226+0.0130i	0.0317+0.0042i	0.0797+0.0281i	-0.3295+0.0128i
4.9	0.0633-0.0006i	-0.6594-0.0269i	0.0393-0.0069i	0.0850-0.0027i	-0.3295-0.0056i	0.0303-0.0059i	0.0878-0.0016i	-0.3368-0.0061i
5.0	0.0352-0.0145i	-0.7823-0.0505i	0.0232+0.0000i	0.0366-0.0255i	-0.4063-0.0187i	0.0165+0.0010i	0.0405-0.0257i	-0.4160-0.0207i
5.1	0.0275-0.0136i	-0.8197-0.0325i	0.0289+0.0052i	0.0209-0.0238i	-0.4422-0.0132i	0.0228+0.0075i	0.0259-0.0239i	-0.4532-0.0149i
5.2	0.0272-0.0122i	-0.8349-0.0465i	0.0376-0.0102i	0.0189-0.0197i	-0.4712-0.0171i	0.0312-0.0078i	0.0249-0.0213i	-0.4808-0.0193i
5.3	0.0280-0.0075i	-0.8872-0.0798i	0.0271-0.0287i	0.0167-0.0123i	-0.5255-0.0295i	0.0194-0.0279i	0.0237-0.0149i	-0.5340-0.0339i
5.4	0.0225+0.0047i	-1.0479-0.0624i	-0.0155-0.0079i	0.0091+0.0060i	-0.6404+0.0050i	-0.0209-0.0151i	0.0142+0.0047i	-0.6453+0.0025i
5.5	0.0301+0.0051i	-1.1075+0.0134i	-0.0012+0.0201i	0.0173+0.0125i	-0.6847+0.0537i	-0.0095+0.0173i	0.0246+0.0096i	-0.6926+0.0485i
5.6	0.0340+0.0091i	-1.1548+0.0418i	0.0102+0.0248i	0.0205+0.0195i	-0.7381+0.0747i	0.0009+0.0234i	0.0299+0.0205i	-0.7492+0.0732i

5.7	0.0452+0.0154i	-1.1893+0.0538i	0.0152+0.0271i	0.0368+0.0292i	-0.8037+0.0879i	0.0045+0.0255i	0.0467+0.0291i	-0.8151+0.0879i
5.8	0.0554+0.0121i	-1.2344+0.0656i	0.0224+0.0310i	0.0508+0.0238i	-0.8740+0.1090i	0.0106+0.0292i	0.0616+0.0214i	-0.8844+0.1090i
5.9	0.0642+0.0074i	-1.2836+0.0687i	0.0335+0.0332i	0.0606+0.0168i	-0.9472+0.1219i	0.0205+0.0313i	0.0734+0.0137i	-0.9571+0.1210i
6.0	0.0675-0.0013i	-1.3380+0.0589i	0.0388+0.0302i	0.0626+0.0016i	-1.0345+0.1264i	0.0238+0.0293i	0.0771-0.0009i	-1.0440+0.1237i
6.1	0.0638-0.0091i	-1.4344+0.0538i	0.0403+0.0290i	0.0520-0.0115i	-1.1753+0.1480i	0.0243+0.0296i	0.0684-0.0151i	-1.1856+0.1439i
6.2	0.0610-0.0096i	-1.5410+0.0737i	0.0462+0.0316i	0.0408-0.0111i	-1.3384+0.1943i	0.0298+0.0327i	0.0592-0.0149i	-1.3491+0.1900i
6.3	0.0624-0.0062i	-1.6543+0.0760i	0.0526+0.0314i	0.0357-0.0065i	-1.5333+0.2093i	0.0347+0.0330i	0.0563-0.0100i	-1.5416+0.2036i
6.4	0.0685-0.0048i	-1.7935+0.1161i	0.0594+0.0332i	0.0340-0.0028i	-1.7933+0.3037i	0.0402+0.0363i	0.0582-0.0079i	-1.8000+0.2972i
6.5	0.0742-0.0060i	-1.9086+0.1644i	0.0669+0.0325i	0.0337+0.0006i	-2.0153+0.4194i	0.0459+0.0361i	0.0604-0.0064i	-2.0208+0.4118i
6.6	0.0833-0.0038i	-2.1106+0.2168i	0.0794+0.0394i	0.0326+0.0090i	-2.4301+0.5515i	0.0554+0.0428i	0.0646+0.0008i	-2.4322+0.5415i
6.7	0.0960-0.0052i	-2.3295+0.3161i	0.0951+0.0452i	0.0338+0.0170i	-2.9270+0.7986i	0.0668+0.0499i	0.0729+0.0047i	-2.9231+0.7839i
6.8	0.1162-0.0149i	-2.6350+0.5119i	0.1242+0.0440i	0.0392+0.0210i	-3.6707+1.3194i	0.0897+0.0528i	0.0878+0.0014i	-3.6589+1.2955i
6.9	0.1373-0.0335i	-2.9685+0.8668i	0.1597+0.0370i	0.0419+0.0217i	-4.5261+2.2664i	0.1179+0.0542i	0.1010-0.0106i	-4.5049+2.2267i
7.0	0.1615-0.0751i	-3.3593+1.6505i	0.2203+0.0102i	0.0360+0.0227i	-5.5930+4.3964i	0.1724+0.0451i	0.1090-0.0390i	-5.5620+4.3240i
7.1	0.1437-0.1408i	-2.9449+2.9423i	0.2711-0.0833i	0.0277+0.0544i	-4.4703+8.0278i	0.2349-0.0219i	0.0858-0.0561i	-4.4697+7.9029i
7.2	0.0680-0.1725i	-1.3126+3.5557i	0.2006-0.2247i	0.0796+0.1178i	0.1561+9.9878i	0.1972-0.1572i	0.0747-0.0185i	0.0832+9.8477i
7.3	0.0224-0.1725i	-0.1936+3.2430i	0.1026-0.2684i	0.1568+0.0928i	3.4273+9.2706i	0.1164-0.2068i	0.1076-0.0331i	3.3085+9.1479i
7.4	-0.0406-0.1465i	0.7209+2.1731i	-0.0065-0.2440i	0.1608+0.0001i	6.2419+6.4997i	0.0276-0.1960i	0.0729-0.0858i	6.0827+6.4215i
7.5	-0.0599-0.0895i	0.6555+1.1023i	-0.0524-0.1860i	0.1199-0.0133i	6.4032+3.5916i	-0.0145-0.1596i	0.0305-0.0595i	6.2448+3.5590i
7.6	-0.0291-0.0495i	-0.0349+0.5613i	-0.0445-0.1356i	0.1159+0.0038i	4.8199+2.0113i	-0.0205-0.1241i	0.0500-0.0230i	4.6873+2.0022i
7.7	-0.0139-0.0421i	-0.3215+0.4301i	-0.0368-0.1190i	0.1178+0.0020i	4.1872+1.6089i	-0.0177-0.1106i	0.0610-0.0189i	4.0602+1.6049i
7.8	-0.0069-0.0434i	-0.5257+0.4337i	-0.0309-0.1104i	0.1156-0.0023i	3.7741+1.5143i	-0.0144-0.1017i	0.0640-0.0209i	3.6490+1.5132i
7.9	-0.0118-0.0430i	-0.5623+0.3946i	-0.0404-0.1121i	0.1109+0.0000i	3.7672+1.4062i	-0.0234-0.1045i	0.0595-0.0174i	3.6449+1.4107i
8.0	-0.0143-0.0321i	-0.6024+0.2328i	-0.0498-0.1086i	0.1143+0.0089i	3.7588+1.0383i	-0.0339-0.1047i	0.0632-0.0038i	3.6378+1.0496i
8.1	-0.0068-0.0276i	-0.7531+0.1386i	-0.0490-0.1047i	0.1237+0.0020i	3.5253+0.8307i	-0.0360-0.1014i	0.0756-0.0083i	3.4033+0.8449i
8.2	-0.0071-0.0204i	-0.8285+0.0082i	-0.0621-0.0995i	0.1270+0.0019i	3.4933+0.5927i	-0.0502-0.0983i	0.0801-0.0061i	3.3710+0.6080i
8.3	-0.0061-0.0135i	-0.9221-0.0921i	-0.0729-0.0922i	0.1300+0.0036i	3.4192+0.3949i	-0.0634-0.0924i	0.0842-0.0018i	3.2977+0.4124i
8.4	-0.0033-0.0069i	-1.0473-0.1832i	-0.0841-0.0838i	0.1354+0.0050i	3.3045+0.2128i	-0.0771-0.0852i	0.0907+0.0019i	3.1824+0.2326i
8.5	-0.0020+0.0012i	-1.1325-0.2814i	-0.0910-0.0706i	0.1422+0.0061i	3.2584+0.0455i	-0.0862-0.0725i	0.0986+0.0058i	3.1338+0.0654i
8.6	-0.0007+0.0061i	-1.1919-0.3551i	-0.1010-0.0610i	0.1508+0.0057i	3.2487-0.0814i	-0.0984-0.0625i	0.1071+0.0069i	3.1219-0.0590i
8.7	0.0002+0.0130i	-1.2158-0.4801i	-0.1129-0.0506i	0.1634+0.0050i	3.3031-0.2558i	-0.1129-0.0525i	0.1180+0.0091i	3.1724-0.2301i
8.8	0.0008+0.0228i	-1.1898-0.6754i	-0.1220-0.0373i	0.1728+0.0017i	3.3890-0.4867i	-0.1232-0.0411i	0.1264+0.0090i	3.2535-0.4572i
8.9	-0.0010+0.0391i	-1.1880-1.0643i	-0.1325-0.0163i	0.1799-0.0034i	3.4790-0.9120i	-0.1354-0.0215i	0.1335+0.0089i	3.3384-0.8766i
9.0	0.0009+0.0552i	-1.2692-1.4337i	-0.1382+0.0093i	0.1860-0.0081i	3.4666-1.3387i	-0.1419+0.0051i	0.1388+0.0108i	3.3235-1.2968i
9.1	0.0128+0.0734i	-1.5183-1.7510i	-0.1278+0.0360i	0.1936-0.0142i	3.2503-1.6819i	-0.1336+0.0326i	0.1492+0.0095i	3.1046-1.6399i
9.2	0.0160+0.0938i	-1.4397-2.3226i	-0.1423+0.0531i	0.2009-0.0193i	3.4305-2.1875i	-0.1472+0.0488i	0.1562+0.0089i	3.2777-2.1368i
9.3	0.0562+0.1314i	-2.4197-3.5345i	-0.1216+0.1244i	0.2006-0.0324i	2.6098-3.4188i	-0.1287+0.1166i	0.1660+0.0125i	2.4643-3.3546i
9.4	0.1173+0.1404i	-4.1789-4.0308i	-0.0571+0.1753i	0.1927-0.0345i	1.0316-3.9309i	-0.0700+0.1667i	0.1795+0.0166i	0.9006-3.8690i
9.5	0.1607+0.1170i	-5.5642-3.5354i	0.0093+0.1703i	0.1877-0.0254i	-0.2169-3.4328i	-0.0076+0.1627i	0.1908+0.0181i	-0.3430-3.3815i
9.6	0.1747+0.0774i	-6.2780-2.3985i	0.0499+0.1249i	0.1982-0.0116i	-0.7426-2.3054i	0.0287+0.1194i	0.2084+0.0173i	-0.8784-2.2671i
9.7	0.1728+0.0514i	-6.4619-1.5113i	0.0624+0.0848i	0.2163-0.0034i	-0.7103-1.4511i	0.0384+0.0822i	0.2252+0.0129i	-0.8587-1.4184i
9.8	0.1708+0.0428i	-6.4852-1.0254i	0.0644+0.0586i	0.2333-0.0017i	-0.5373-0.9939i	0.0393+0.0592i	0.2392+0.0077i	-0.7005-0.9618i
9.9	0.1698+0.0375i	-6.4770-0.7010i	0.0584+0.0415i	0.2503-0.0035i	-0.3395-0.7059i	0.0314+0.0442i	0.2539+0.0025i	-0.5163-0.6708i
10.0	0.1724+0.0367i	-6.5250-0.4985i	0.0518+0.0333i	0.2669-0.0070i	-0.1750-0.5358i	0.0243+0.0381i	0.2688-0.0021i	-0.3610-0.4950i
10.1	0.1795+0.0376i	-6.6255-0.3505i	0.0471+0.0266i	0.2855-0.0096i	-0.0434-0.4059i	0.0186+0.0343i	0.2835-0.0079i	-0.2413-0.3590i
10.2	0.1874+0.0376i	-6.7714-0.2861i	0.0468+0.0226i	0.3008-0.0124i	0.0623-0.3249i	0.0161+0.0322i	0.2989-0.0121i	-0.1469-0.2694i
10.3	0.1923+0.0321i	-6.9343-0.2246i	0.0471+0.0206i	0.3126-0.0184i	0.1402-0.2873i	0.0163+0.0305i	0.3107-0.0159i	-0.0740-0.2216i
10.4	0.1947+0.0308i	-7.1358-0.1626i	0.0482+0.0180i	0.3234-0.0200i	0.1911-0.2500i	0.0171+0.0277i	0.3198-0.0191i	-0.0232-0.1817i
10.5	0.2021+0.0344i	-7.4333-0.1302i	0.0487+0.0130i	0.3413-0.0175i	0.2360-0.1992i	0.0176+0.0241i	0.3378-0.0168i	0.0115-0.1364i
10.6	0.2107+0.0346i	-7.7553-0.1063i	0.0485+0.0106i	0.3652-0.0149i	0.2759-0.1607i	0.0155+0.0225i	0.3607-0.0160i	0.0385-0.1035i
10.7	0.2275+0.0339i	-8.1313+0.0062i	0.0481+0.0053i	0.3949-0.0185i	0.3329-0.1206i	0.0126+0.0181i	0.3888-0.0207i	0.0792-0.0612i
10.8	0.2438+0.0352i	-8.4446+0.0227i	0.0480+0.0007i	0.4197-0.0174i	0.3768-0.0879i	0.0115+0.0130i	0.4131-0.0196i	0.1086-0.0286i
10.9	0.2576+0.0321i	-8.8316+0.0931i	0.0489-0.0025i	0.4502-0.0240i	0.4246-0.0737i	0.0076+0.0112i	0.4432-0.0268i	0.1354-0.0109i
11.0	0.2689+0.0297i	-9.1741+0.1991i	0.0479-0.0056i	0.4807-0.0361i	0.4635-0.0712i	0.0038+0.0114i	0.4709-0.0382i	0.1598-0.0012i
11.1	0.2833+0.0263i	-9.7126+0.2670i	0.0481-0.0077i	0.5212-0.0465i	0.5004-0.0622i	-0.0010+0.0114i	0.5100-0.0494i	0.1738+0.0083i
11.2	0.2988+0.0250i	-10.2131+0.2963i	0.0473-0.0070i	0.5555-0.0595i	0.5312-0.0531i	-0.0050+0.0137i	0.5439-0.0630i	0.1842+0.0163i
11.3	0.3123+0.0221i	-10.7252+0.3818i	0.0475-0.0085i	0.5874-0.0784i	0.5608-0.0495i	-0.0086+0.0158i	0.5762-0.0829i	0.1913+0.0250i
11.4	0.3315+0.0214i	-11.4703+0.4597i	0.0482-0.0106i	0.6270-0.0940i	0.6016-0.0418i	-0.0124+0.0169i	0.6155-0.0987i	0.1969+0.0375i
11.5	0.3470+0.0185i	-12.0267+0.4996i	0.0491-0.0115i	0.6591-0.1003i	0.6288-0.0392i	-0.0148+0.0173i	0.6468-0.1035i	0.1998+0.0401i
11.6	0.3694+0.0160i	-12.8015+0.5419i	0.0515-0.0118i	0.7138-0.1056i	0.6654-0.0308i	-0.0202+0.0171i	0.7009-0.1073i	0.1984+0.0512i
11.7	0.3890+0.0098i	-13.6666+0.7607i	0.0533-0.0129i	0.7764-0.1250i	0.7024-0.0372i	-0.0266+0.0180i	0.7619-0.1270i	0.1942+0.0537i
11.8	0.4097+0.0076i	-14.5948+0.8938i	0.0571-0.0148i	0.8446-0.1443i	0.7428-0.0403i	-0.0325+0.0229i	0.8297-0.1481i	0.1892+0.0596i
11.9	0.4391+0.0091i	-15.9646+1.1255i	0.0646-0.0180i	0.9512-0.1833i	0.7939-0.0399i	-0.0416+0.0284i	0.9362-0.1875i	0.1705+0.0799i

12.0	0.4650+0.0109i	-17.1323+1.4176i	0.0683-0.0232i	1.0434-0.2285i	0.8374-0.0491i	-0.0493+0.0327i	1.0274-0.2310i	0.1541+0.0914i
12.1	0.4922+0.0172i	-18.4810+1.6020i	0.0772-0.0286i	1.1575-0.2795i	0.8881-0.0525i	-0.0575+0.0401i	1.1391-0.2811i	0.1357+0.1051i
12.2	0.5243+0.0228i	-19.8831+1.9923i	0.0849-0.0385i	1.2673-0.3647i	0.9407-0.0652i	-0.0663+0.0509i	1.2471-0.3663i	0.1167+0.1211i
12.3	0.5724+0.0241i	-21.7462+3.0302i	0.0908-0.0558i	1.3852-0.5212i	1.0082-0.0967i	-0.0731+0.0702i	1.3632-0.5214i	0.0916+0.1560i
12.4	0.6273+0.0405i	-23.8566+3.9305i	0.0972-0.0775i	1.5072-0.7102i	1.0817-0.1277i	-0.0783+0.0953i	1.4832-0.7098i	0.0655+0.1938i
12.5	0.7116+0.0696i	-26.6399+5.2384i	0.1006-0.1096i	1.6285-0.9971i	1.1856-0.1688i	-0.0798+0.1321i	1.6024-0.9938i	0.0361+0.2509i
12.6	0.8350+0.0921i	-29.5261+7.0258i	0.0880-0.1465i	1.6486-1.3206i	1.2929-0.2383i	-0.0631+0.1723i	1.6219-1.3143i	0.0199+0.3068i
12.7	0.9811+0.0987i	-32.0919+8.8194i	0.0620-0.1782i	1.5751-1.5922i	1.3878-0.3152i	-0.0351+0.2034i	1.5485-1.5834i	0.0184+0.3569i
12.8	1.1678+0.0208i	-34.4821+11.9865i	0.0139-0.1910i	1.3619-1.7936i	1.4699-0.4433i	0.0133+0.2121i	1.3364-1.7811i	0.0340+0.4108i
12.9	1.3795-0.0751i	-37.8729+14.6776i	-0.0259-0.1870i	1.2192-1.8918i	1.5854-0.5533i	0.0578+0.2096i	1.1939-1.8770i	0.0455+0.4531i
13.0	1.6296-0.2529i	-42.6180+18.9397i	-0.0646-0.1733i	1.1489-1.9555i	1.7309-0.7299i	0.0974+0.1907i	1.1244-1.9387i	0.0253+0.4924i
13.1	1.8816-0.4534i	-48.4066+23.9410i	-0.0870-0.1600i	1.2202-2.0625i	1.9226-0.9314i	0.1232+0.1764i	1.1926-2.0451i	-0.0121+0.5415i
13.2	2.2155-0.8037i	-56.7617+33.1137i	-0.1009-0.1460i	1.4031-2.3008i	2.2045-1.3018i	0.1540+0.1550i	1.3716-2.2777i	-0.0493+0.6295i
13.3	2.4786-1.3329i	-63.3283+47.7423i	-0.1023-0.1404i	1.5445-2.7653i	2.3987-1.8826i	0.1862+0.1276i	1.5115-2.7369i	-0.0586+0.7465i
13.4	2.7753-2.4363i	-70.3646+78.4652i	-0.0926-0.1479i	1.6289-3.8174i	2.5416-3.0755i	0.2514+0.0737i	1.5941-3.7722i	-0.0191+0.9859i
13.5	2.2609-3.5053i	-54.0427+107.6571i	-0.1199-0.1697i	0.8751-4.7477i	1.7795-4.1068i	0.2596-0.0115i	0.8498-4.6863i	0.1290+1.1698i
13.6	0.3241-4.6871i	3.5907+139.1117i	-0.2257-0.2133i	-1.3780-5.4607i	-0.5643-5.1253i	0.1665-0.1963i	-1.3689-5.3814i	0.4830+1.1851i
13.7	-1.5532-3.9939i	58.1960+116.4231i	-0.3617-0.1621i	-3.1356-4.2584i	-2.6636-4.0949i	-0.0504-0.2385i	-3.0905-4.1983i	0.5883+0.9189i
13.8	-2.2176-2.8121i	77.1247+80.6977i	-0.4341-0.0744i	-3.5282-2.8449i	-3.3910-2.6454i	-0.2004-0.1711i	-3.4683-2.8087i	0.4646+0.7334i
13.9	-2.2340-1.8720i	77.5184+51.8329i	-0.4697+0.0349i	-3.2924-1.8660i	-3.4472-1.4232i	-0.2920-0.0491i	-3.2306-1.8507i	0.2617+0.7504i
14.0	-2.0374-1.4101i	72.0640+36.8047i	-0.4809+0.1251i	-2.9663-1.4474i	-3.2695-0.7086i	-0.3291+0.0601i	-2.9068-1.4453i	0.1110+0.8998i
14.1	-1.7892-1.0804i	64.7929+22.9261i	-0.4695+0.2815i	-2.6315-1.1679i	-2.9789+0.0989i	-0.3346+0.2344i	-2.5787-1.1820i	0.0311+1.3135i
14.2	-1.5936-0.7998i	57.3202+7.4034i	-0.4122+0.5141i	-2.3807-0.9231i	-2.5968+1.1029i	-0.2893+0.4842i	-2.3361-0.9608i	0.1129+1.9879i
14.3	-1.4856-0.6311i	46.9506-3.9790i	-0.2212+0.7237i	-2.2565-0.7734i	-1.8513+1.9411i	-0.1022+0.7056i	-2.2293-0.8288i	0.6968+2.6191i
14.4	-1.4094-0.5152i	33.3868-6.2625i	0.0911+0.7297i	-2.1710-0.6568i	-0.7390+2.0455i	0.2116+0.7145i	-2.1698-0.7109i	1.7004+2.5807i
14.5	-1.3432-0.3933i	23.2162-3.3684i	0.3284+0.5906i	-2.0858-0.5321i	0.0855+1.6759i	0.4484+0.5761i	-2.1024-0.5741i	2.4339+2.0572i
14.6	-1.2382-0.2794i	18.8711+2.9032i	0.3857+0.3656i	-1.9602-0.4310i	0.3323+1.0436i	0.5068+0.3511i	-1.9793-0.4579i	2.5530+1.2654i
14.7	-1.1342-0.1719i	17.7364+8.0883i	0.3750+0.1936i	-1.8705-0.3635i	0.3528+0.5999i	0.4967+0.1784i	-1.8872-0.3780i	2.4346+0.6645i
14.8	-1.0400-0.0946i	18.1934+11.2377i	0.3509+0.0977i	-1.8297-0.3080i	0.3381+0.4033i	0.4747+0.0782i	-1.8455-0.3171i	2.2830+0.3368i
14.9	-0.9223-0.0488i	20.3351+12.4191i	0.2992+0.0345i	-1.7892-0.2248i	0.2931+0.3031i	0.4239+0.0074i	-1.8020-0.2331i	2.0460+0.1631i
15.0	-0.7921-0.0629i	22.8614+11.0339i	0.2251-0.0065i	-1.6818-0.1110i	0.2442+0.2152i	0.3424-0.0437i	-1.6934-0.1183i	1.7773+0.1118i
15.1	-0.7439-0.0872i	23.8698+8.8259i	0.1728-0.0245i	-1.5712-0.0155i	0.1995+0.1635i	0.2747-0.0741i	-1.5827-0.0227i	1.6364+0.1087i
15.2	-0.7252-0.0962i	23.6145+7.0367i	0.1387-0.0192i	-1.4641+0.0079i	0.1876+0.1468i	0.2234-0.0676i	-1.4755-0.0016i	1.5854+0.1326i
15.3	-0.7024-0.0855i	22.2270+5.3011i	0.1177-0.0011i	-1.3603-0.0152i	0.1851+0.1403i	0.1920-0.0363i	-1.3725-0.0251i	1.5593+0.1510i
15.4	-0.6764-0.0694i	20.6870+4.1175i	0.1147+0.0139i	-1.3077-0.0453i	0.1922+0.1367i	0.1887-0.0083i	-1.3210-0.0555i	1.5534+0.1581i
15.5	-0.6568-0.0553i	19.4148+3.4328i	0.1184+0.0202i	-1.2769-0.0562i	0.2093+0.1309i	0.1928+0.0050i	-1.2922-0.0666i	1.5626+0.1487i
15.6	-0.6447-0.0337i	18.5058+2.9940i	0.1177+0.0195i	-1.2546-0.0541i	0.2219+0.1212i	0.1946+0.0069i	-1.2711-0.0630i	1.5767+0.1152i
15.7	-0.6244-0.0210i	17.5100+2.9772i	0.1152+0.0147i	-1.2324-0.0648i	0.2302+0.0792i	0.1952+0.0059i	-1.2487-0.0709i	1.5758+0.0616i
15.8	-0.6017-0.0027i	16.6432+2.8114i	0.1171+0.0097i	-1.2126-0.0549i	0.2276+0.0623i	0.1991+0.0030i	-1.2312-0.0598i	1.5615+0.0265i
15.9	-0.5770+0.0100i	15.9052+2.9236i	0.1159+0.0050i	-1.1926-0.0581i	0.2111+0.0468i	0.1991-0.0003i	-1.2115-0.0629i	1.5305-0.0059i
16.0	-0.5496+0.0247i	15.3298+2.9615i	0.1126+0.0014i	-1.1800-0.0607i	0.2028+0.0295i	0.1982-0.0035i	-1.1986-0.0625i	1.5068-0.0494i
16.1	-0.5328+0.0337i	14.9562+2.8697i	0.1077+0.0002i	-1.1771-0.0581i	0.1796+0.0299i	0.1966-0.0036i	-1.1956-0.0585i	1.4780-0.0599i
16.2	-0.5114+0.0389i	14.4925+2.7923i	0.1071+0.0039i	-1.1740-0.0555i	0.1733+0.0535i	0.1976-0.0006i	-1.1924-0.0563i	1.4605-0.0488i
16.3	-0.4987+0.0475i	14.0354+2.7611i	0.1111+0.0074i	-1.1805-0.0505i	0.1921+0.0768i	0.2047+0.0017i	-1.1990-0.0512i	1.4831-0.0473i
16.4	-0.4800+0.0593i	13.4982+2.7399i	0.1140+0.0039i	-1.1742-0.0231i	0.2135+0.0939i	0.2118-0.0064i	-1.1915-0.0222i	1.5003-0.0602i
16.5	-0.4643+0.0710i	13.1440+2.8438i	0.1153-0.0006i	-1.1698+0.0042i	0.2247+0.1009i	0.2139-0.0155i	-1.1859+0.0061i	1.5098-0.0821i
16.6	-0.4486+0.0857i	12.8688+3.0824i	0.1165-0.0058i	-1.1427+0.0335i	0.2520+0.1044i	0.2115-0.0250i	-1.1598+0.0359i	1.5163-0.1201i
16.7	-0.4286+0.1044i	12.6226+3.2957i	0.1191-0.0135i	-1.1003+0.0250i	0.2981+0.0842i	0.2092-0.0317i	-1.1185+0.0270i	1.5295-0.1715i
16.8	-0.3929+0.1219i	12.5403+3.3762i	0.1182-0.0240i	-1.0774+0.0011i	0.3300+0.0450i	0.2044-0.0361i	-1.0936+0.0033i	1.5066-0.2325i
16.9	-0.3740+0.1108i	12.4786+3.0888i	0.1148-0.0274i	-1.0800-0.0102i	0.3258+0.0188i	0.1999-0.0351i	-1.0970-0.0061i	1.4858-0.2327i
17.0	-0.3598+0.1165i	12.2407+2.9872i	0.1132-0.0240i	-1.0868-0.0161i	0.3400+0.0252i	0.2006-0.0307i	-1.1038-0.0099i	1.4967-0.2406i
17.1	-0.3270+0.1132i	12.1013+2.9019i	0.1210-0.0284i	-1.0899-0.0235i	0.4027-0.0011i	0.2118-0.0313i	-1.1072-0.0189i	1.5184-0.2597i
17.2	-0.3330+0.0883i	11.7171+2.6871i	0.1230-0.0432i	-1.1030-0.0280i	0.3972-0.1148i	0.2158-0.0465i	-1.1196-0.0220i	1.5482-0.3183i
17.3	-0.3562+0.1035i	11.3411+2.7652i	0.1193-0.0525i	-1.1196-0.0258i	0.3483-0.1646i	0.2157-0.0571i	-1.1359-0.0178i	1.5658-0.3934i
17.4	-0.3423+0.1389i	11.2154+2.9549i	0.1099-0.0557i	-1.1352-0.0177i	0.2935-0.1446i	0.2095-0.0603i	-1.1519-0.0100i	1.5175-0.4420i
17.5	-0.2963+0.1553i	11.2721+2.9262i	0.1084-0.0538i	-1.1535-0.0094i	0.3276-0.1084i	0.2095-0.0575i	-1.1703-0.0036i	1.4983-0.4378i
17.6	-0.2908+0.1519i	11.0092+2.8830i	0.1110-0.0623i	-1.1625-0.0005i	0.3447-0.1726i	0.2155-0.0705i	-1.1777+0.0069i	1.5292-0.4957i
17.7	-0.2929+0.1797i	10.7239+3.0200i	0.1051-0.0738i	-1.1775+0.0133i	0.3019-0.2148i	0.2128-0.0849i	-1.1922+0.0223i	1.5199-0.5937i
17.8	-0.2731+0.2198i	10.6203+3.2577i	0.0991-0.0805i	-1.1908+0.0337i	0.2679-0.2150i	0.2082-0.0945i	-1.2046+0.0435i	1.4775-0.6787i
17.9	-0.2166+0.2513i	10.6898+3.4199i	0.0921-0.0909i	-1.1932+0.0523i	0.2649-0.2263i	0.1997-0.1064i	-1.2059+0.0638i	1.4003-0.7599i
18.0	-0.1718+0.2481i	10.8163+3.3895i	0.0805-0.0977i	-1.1910+0.0562i	0.2239-0.2787i	0.1871-0.1128i	-1.2024+0.0681i	1.3017-0.8015i
18.1	-0.1229+0.2421i	10.9797+3.2523i	0.0608-0.1045i	-1.2020+0.0638i	0.1470-0.3324i	0.1694-0.1201i	-1.2111+0.0764i	1.1750-0.8400i
18.2	-0.0881+0.2354i	10.9655+3.0982i	0.0423-0.1015i	-1.2163+0.0672i	0.0542-0.3469i	0.1536-0.1184i	-1.2223+0.0801i	1.0597-0.8415i

18.3	-0.0501+0.2251i	10.8692+2.9181i	0.0222-0.0917i	-1.2281+0.0700i	-0.0887-0.2945i	0.1335-0.1076i	-1.2320+0.0821i	0.9102-0.7741i
18.4	-0.0218+0.2007i	10.7591+2.7207i	0.0057-0.0740i	-1.2450+0.0695i	-0.1966-0.1851i	0.1199-0.0877i	-1.2468+0.0798i	0.8037-0.6389i
18.5	0.0024+0.1664i	10.4647+2.4261i	-0.0086-0.0327i	-1.2811+0.0557i	-0.3095+0.0688i	0.1117-0.0449i	-1.2790+0.0601i	0.7304-0.3571i
18.6	-0.0059+0.1564i	9.9592+2.6035i	0.0387+0.0102i	-1.3352+0.0964i	-0.0288+0.4091i	0.1655-0.0077i	-1.3396+0.0932i	1.0661-0.1024i
18.7	0.0155+0.1818i	9.9578+3.0867i	0.0880-0.0192i	-1.3441+0.1578i	0.3474+0.2879i	0.2145-0.0418i	-1.3555+0.1578i	1.3734-0.3323i
18.8	0.0737+0.1765i	10.2339+3.1690i	0.0830-0.0581i	-1.3229+0.1753i	0.3967+0.0290i	0.2074-0.0815i	-1.3321+0.1812i	1.3078-0.5832i
18.9	0.1145+0.1560i	10.3286+3.0862i	0.0681-0.0719i	-1.3247+0.1560i	0.3351-0.0861i	0.1934-0.0933i	-1.3327+0.1646i	1.1991-0.6518i
19.0	0.1499+0.1311i	10.4041+2.9504i	0.0559-0.0793i	-1.3460+0.1319i	0.2989-0.1479i	0.1831-0.0981i	-1.3521+0.1419i	1.1320-0.6684i
19.1	0.1785+0.0854i	10.4227+2.7643i	0.0458-0.0800i	-1.3909+0.1235i	0.2431-0.1972i	0.1805-0.0967i	-1.3932+0.1319i	1.0785-0.6547i
19.2	0.1912+0.0540i	10.3489+2.6373i	0.0417-0.0784i	-1.4371+0.1298i	0.1980-0.2140i	0.1824-0.0980i	-1.4401+0.1375i	1.0543-0.6355i
19.3	0.2056+0.0250i	10.2074+2.5402i	0.0347-0.0789i	-1.4919+0.1322i	0.1536-0.2581i	0.1833-0.1014i	-1.4941+0.1394i	1.0394-0.6502i
19.4	0.2141+0.0020i	10.1022+2.5397i	0.0309-0.0829i	-1.5394+0.1438i	0.1384-0.2930i	0.1856-0.1079i	-1.5418+0.1511i	1.0454-0.6775i
19.5	0.2256-0.0216i	10.0632+2.5084i	0.0202-0.0881i	-1.6072+0.1687i	0.0851-0.3254i	0.1818-0.1160i	-1.6088+0.1749i	1.0132-0.7073i
19.6	0.2426-0.0563i	9.9666+2.4177i	0.0052-0.0890i	-1.6936+0.2090i	-0.0110-0.3507i	0.1754-0.1236i	-1.6947+0.2130i	0.9425-0.7243i
19.7	0.2556-0.0844i	9.8856+2.3761i	-0.0056-0.0848i	-1.7646+0.2492i	-0.0888-0.3453i	0.1704-0.1251i	-1.7635+0.2530i	0.8964-0.7067i
19.8	0.2711-0.1185i	9.7674+2.2549i	-0.0189-0.0798i	-1.8538+0.3179i	-0.1749-0.3339i	0.1640-0.1301i	-1.8520+0.3190i	0.8538-0.6952i
19.9	0.2744-0.1483i	9.7156+2.1740i	-0.0300-0.0733i	-1.9114+0.3787i	-0.2808-0.3125i	0.1551-0.1298i	-1.9092+0.3797i	0.7921-0.6772i
20.0	0.2759-0.1830i	9.5638+2.1422i	-0.0407-0.0637i	-1.9918+0.4733i	-0.3626-0.2422i	0.1473-0.1295i	-1.9894+0.4719i	0.7563-0.6353i
20.1	0.2853-0.2134i	9.4709+2.1690i	-0.0537-0.0535i	-2.0876+0.5725i	-0.4336-0.1703i	0.1425-0.1296i	-2.0869+0.5691i	0.7278-0.5891i
20.2	0.2858-0.2445i	9.4019+2.2086i	-0.0606-0.0395i	-2.1301+0.6952i	-0.4676-0.0906i	0.1369-0.1251i	-2.1320+0.6914i	0.7184-0.5448i
20.3	0.2905-0.2745i	9.3249+2.2538i	-0.0633-0.0265i	-2.1727+0.8191i	-0.4951-0.0189i	0.1367-0.1213i	-2.1767+0.8164i	0.7226-0.5092i
20.4	0.3021-0.3126i	9.2638+2.2430i	-0.0653-0.0099i	-2.2367+0.9694i	-0.5356+0.0683i	0.1386-0.1166i	-2.2411+0.9678i	0.7236-0.4669i
20.5	0.3225-0.3551i	9.1980+2.2203i	-0.0741+0.0026i	-2.3365+1.1169i	-0.5924+0.1364i	0.1382-0.1166i	-2.3411+1.1179i	0.7226-0.4352i
20.6	0.3316-0.4159i	9.1044+2.2530i	-0.0746+0.0190i	-2.3844+1.3333i	-0.6264+0.2535i	0.1396-0.1158i	-2.3872+1.3355i	0.7357-0.3967i
20.7	0.3001-0.4839i	9.0590+2.3433i	-0.0725+0.0369i	-2.2992+1.5830i	-0.6252+0.3847i	0.1336-0.1171i	-2.2993+1.5871i	0.7367-0.3681i
20.8	0.2589-0.5232i	9.0465+2.3895i	-0.0641+0.0501i	-2.1615+1.7492i	-0.5783+0.4772i	0.1305-0.1139i	-2.1588+1.7543i	0.7463-0.3566i
20.9	0.2044-0.5789i	9.0954+2.4159i	-0.0624+0.0618i	-1.9427+1.9787i	-0.5380+0.5717i	0.1159-0.1187i	-1.9313+1.9814i	0.7002-0.3554i
21.0	0.1624-0.6171i	9.1068+2.4125i	-0.0639+0.0748i	-1.7899+2.1166i	-0.5183+0.6569i	0.1027-0.1159i	-1.7745+2.1126i	0.6620-0.3136i
21.1	0.1234-0.6472i	9.0751+2.3801i	-0.0605+0.0905i	-1.6449+2.1909i	-0.4788+0.7612i	0.0972-0.1043i	-1.6293+2.1812i	0.6587-0.2369i
21.2	0.0760-0.6641i	9.0484+2.3964i	-0.0583+0.1085i	-1.4597+2.2216i	-0.4436+0.8520i	0.0867-0.0862i	-1.4430+2.2064i	0.6361-0.1466i
21.3	0.0295-0.6781i	9.0125+2.4195i	-0.0489+0.1266i	-1.3221+2.2310i	-0.3549+0.9257i	0.0882-0.0661i	-1.3078+2.2083i	0.6912-0.0581i
21.4	-0.0180-0.6906i	9.0370+2.4094i	-0.0354+0.1452i	-1.2108+2.2379i	-0.2515+0.9769i	0.0976-0.0457i	-1.1986+2.2127i	0.7827+0.0021i
21.5	-0.0445-0.6585i	8.9349+2.3297i	-0.0140+0.1558i	-1.2104+2.1148i	-0.1826+1.0012i	0.1253-0.0279i	-1.2037+2.0853i	0.9069+0.0608i
21.6	-0.0530-0.6343i	8.8496+2.3028i	-0.0025+0.1696i	-1.2007+2.0168i	-0.1589+1.0533i	0.1413-0.0098i	-1.1970+1.9844i	0.9584+0.1346i
21.7	-0.0724-0.6526i	8.8330+2.3623i	0.0142+0.1787i	-1.2042+2.0895i	-0.0828+1.1091i	0.1645-0.0046i	-1.2033+2.0546i	1.0689+0.1408i
21.8	-0.0871-0.6390i	8.7190+2.3387i	0.0306+0.1814i	-1.2238+2.0656i	-0.0404+1.1070i	0.1886-0.0046i	-1.2276+2.0290i	1.1587+0.1226i
21.9	-0.0826-0.6592i	8.6261+2.3673i	0.0547+0.1860i	-1.3396+2.1689i	0.0502+1.1472i	0.2284-0.0147i	-1.3461+2.1314i	1.3199+0.0962i
22.0	-0.0724-0.6817i	8.5511+2.4813i	0.0708+0.1928i	-1.4700+2.2883i	0.1040+1.2034i	0.2600-0.0260i	-1.4783+2.2498i	1.4465+0.0570i
22.1	-0.0800-0.6856i	8.4594+2.5103i	0.0915+0.1868i	-1.5491+2.3725i	0.1833+1.1665i	0.2942-0.0457i	-1.5592+2.3346i	1.5769-0.0458i
22.2	-0.1025-0.7287i	8.4157+2.6597i	0.1043+0.1853i	-1.5107+2.6317i	0.2462+1.2036i	0.3075-0.0803i	-1.5261+2.5938i	1.6224-0.1641i
22.3	-0.1044-0.7835i	8.3469+2.8404i	0.1162+0.1822i	-1.5680+2.9774i	0.2669+1.2488i	0.3240-0.1281i	-1.5862+2.9395i	1.6658-0.3202i
22.4	-0.1542-0.8530i	8.4218+3.0247i	0.1263+0.1877i	-1.3823+3.3803i	0.3566+1.3314i	0.3139-0.1684i	-1.4006+3.3414i	1.6408-0.4441i
22.5	-0.2131-0.9246i	8.4775+3.2819i	0.1434+0.1900i	-1.1676+3.8110i	0.4598+1.3892i	0.3056-0.2188i	-1.1887+3.7713i	1.6197-0.5963i
22.6	-0.2878-0.9845i	8.6144+3.4681i	0.1584+0.1936i	-0.8885+4.1927i	0.5743+1.4396i	0.2893-0.2614i	-0.9125+4.1518i	1.5742-0.7243i
22.7	-0.4267-1.0469i	8.9386+3.6252i	0.1799+0.1932i	-0.2718+4.5890i	0.7714+1.4810i	0.2440-0.3017i	-0.3010+4.5469i	1.4505-0.8443i
22.8	-0.5849-1.0254i	9.2612+3.6086i	0.1984+0.1870i	0.4783+4.6294i	0.9458+1.4229i	0.1806-0.3137i	0.4461+4.5865i	1.2671-0.8794i
22.9	-0.7355-0.9741i	9.6136+3.5448i	0.2169+0.1774i	1.2305+4.5245i	1.1150+1.3549i	0.1133-0.3107i	1.1934+4.4827i	1.0867-0.8663i
23.0	-0.8639-0.8596i	9.8951+3.3116i	0.2350+0.1733i	1.9105+4.0650i	1.2766+1.2545i	0.0572-0.2641i	1.8651+4.0237i	0.9457-0.7165i
23.1	-0.9593-0.7506i	10.1137+3.0743i	0.2651+0.1603i	2.3948+3.6229i	1.4627+1.1212i	0.0357-0.2257i	2.3439+3.5850i	0.9235-0.6073i
23.2	-0.9981-0.6146i	10.1809+2.7430i	0.2822+0.1332i	2.6249+3.0535i	1.5446+0.9036i	0.0328-0.1881i	2.5711+3.0223i	0.9421-0.5271i
23.3	-0.9752-0.5065i	10.1022+2.4981i	0.2797+0.1092i	2.6026+2.5945i	1.4943+0.7287i	0.0335-0.1647i	2.5472+2.5673i	0.9536-0.4777i
23.4	-0.9674-0.3987i	10.0660+2.2672i	0.2835+0.0869i	2.6530+2.1345i	1.5002+0.5501i	0.0370-0.1374i	2.5950+2.1133i	0.9765-0.4181i
23.5	-0.9441-0.3146i	9.9547+2.0812i	0.2845+0.0718i	2.5793+1.7423i	1.4564+0.4290i	0.0520-0.1105i	2.5222+1.7250i	1.0334-0.3570i
23.6	-0.9112-0.2515i	9.8384+1.9533i	0.2838+0.0563i	2.4794+1.4618i	1.3920+0.3208i	0.0647-0.0980i	2.4234+1.4506i	1.0759-0.3369i
23.7	-0.8829-0.2002i	9.7592+1.8675i	0.2794+0.0417i	2.3794+1.2451i	1.3450+0.2190i	0.0753-0.0928i	2.3253+1.2367i	1.1087-0.3414i
23.8	-0.8372-0.1532i	9.6107+1.8117i	0.2739+0.0277i	2.2300+1.0134i	1.2520+0.1218i	0.0858-0.0848i	2.1780+1.0087i	1.1426-0.3377i
23.9	-0.8076-0.1262i	9.5195+1.7601i	0.2664+0.0217i	2.1264+0.8763i	1.1777+0.0756i	0.0923-0.0788i	2.0751+0.8732i	1.1641-0.3274i
24.0	-0.7659-0.1000i	9.4047+1.7280i	0.2513+0.0184i	1.9855+0.7243i	1.0612+0.0569i	0.0956-0.0696i	1.9358+0.7223i	1.1681-0.3060i
24.1	-0.7368-0.0836i	9.3154+1.7281i	0.2459+0.0194i	1.8728+0.6491i	0.9857+0.0617i	0.1022-0.0649i	1.8250+0.6471i	1.1882-0.2860i
24.2	-0.7082-0.0623i	9.2193+1.7101i	0.2420+0.0210i	1.7644+0.5493i	0.9120+0.0602i	0.1098-0.0576i	1.7199+0.5472i	1.2103-0.2578i
24.3	-0.6820-0.0485i	9.1522+1.6822i	0.2400+0.0276i	1.6517+0.4658i	0.8532+0.0960i	0.1204-0.0473i	1.6082+0.4649i	1.2503-0.2148i
24.4	-0.6672-0.0375i	9.0770+1.6555i	0.2384+0.0306i	1.5818+0.4015i	0.8174+0.1185i	0.1253-0.0404i	1.5373+0.3980i	1.2839-0.1868i
24.5	-0.6428-0.0339i	8.9545+1.6760i	0.2387+0.0399i	1.4766+0.3507i	0.7739+0.1794i	0.1376-0.0245i	1.4328+0.3459i	1.3556-0.1323i

24.6	-0.6266-0.0324i	8.8745+1.7033i	0.2454+0.0479i	1.3942+0.3182i	0.7633+0.2201i	0.1539-0.0160i	1.3509+0.3103i	1.4300-0.1018i
24.7	-0.6152-0.0288i	8.8117+1.7311i	0.2600+0.0547i	1.3221+0.3049i	0.7779+0.2673i	0.1758-0.0147i	1.2767+0.2972i	1.5271-0.0968i
24.8	-0.6047-0.0213i	8.7120+1.7496i	0.2793+0.0560i	1.2516+0.2683i	0.8050+0.2896i	0.2003-0.0122i	1.2043+0.2626i	1.6481-0.0996i
24.9	-0.5940-0.0109i	8.6365+1.7906i	0.2917+0.0449i	1.1879+0.2428i	0.8210+0.2693i	0.2160-0.0231i	1.1402+0.2380i	1.7430-0.1543i
25.0	-0.5798+0.0000i	8.5496+1.8345i	0.2948+0.0332i	1.1276+0.2133i	0.7956+0.2372i	0.2243-0.0321i	1.0782+0.2099i	1.8051-0.2249i
25.1	-0.5642+0.0094i	8.5014+1.8848i	0.2991+0.0295i	1.0751+0.2049i	0.7619+0.2492i	0.2328-0.0412i	1.0245+0.2020i	1.8479-0.2881i
25.2	-0.5554+0.0121i	8.4263+1.9401i	0.3060+0.0209i	1.0174+0.1901i	0.7391+0.2375i	0.2442-0.0509i	0.9686+0.1885i	1.9093-0.3430i
25.3	-0.5493+0.0164i	8.3565+1.9923i	0.3024+0.0160i	0.9769+0.1826i	0.6846+0.2380i	0.2477-0.0584i	0.9308+0.1820i	1.9403-0.3875i
25.4	-0.5426+0.0270i	8.2580+2.0968i	0.3069+0.0150i	0.9337+0.1719i	0.6246+0.2929i	0.2522-0.0638i	0.8868+0.1717i	2.0081-0.4369i
25.5	-0.5389+0.0337i	8.2089+2.2056i	0.3184+0.0120i	0.8950+0.1676i	0.6392+0.3484i	0.2629-0.0660i	0.8450+0.1668i	2.0790-0.4852i
25.6	-0.5314+0.0467i	8.1508+2.3200i	0.3253+0.0067i	0.8514+0.1644i	0.6322+0.4153i	0.2714-0.0703i	0.8016+0.1652i	2.1412-0.5647i
25.7	-0.5173+0.0654i	8.0982+2.5107i	0.3293-0.0033i	0.8024+0.1613i	0.5861+0.4718i	0.2789-0.0833i	0.7490+0.1623i	2.1934-0.6886i
25.8	-0.4983+0.0761i	8.0852+2.6860i	0.3287-0.0094i	0.7610+0.1597i	0.5677+0.5304i	0.2768-0.0894i	0.7088+0.1629i	2.1864-0.7941i
25.9	-0.4796+0.0821i	8.1489+2.8861i	0.3328-0.0085i	0.7189+0.1664i	0.5836+0.6418i	0.2854-0.0897i	0.6691+0.1717i	2.1894-0.8836i
26.0	-0.4722+0.0852i	8.2093+3.0078i	0.3453-0.0118i	0.6831+0.1797i	0.6184+0.7184i	0.2986-0.0934i	0.6323+0.1840i	2.2267-0.9510i
26.1	-0.4556+0.0960i	8.2510+3.1561i	0.3585-0.0219i	0.6568+0.1993i	0.6779+0.8017i	0.3080-0.1053i	0.6041+0.2036i	2.2443-1.0521i
26.2	-0.4313+0.1027i	8.3458+3.2533i	0.3594-0.0373i	0.6379+0.2176i	0.7618+0.8650i	0.3076-0.1197i	0.5855+0.2241i	2.2000-1.1613i
26.3	-0.3953+0.1097i	8.5383+3.3950i	0.3517-0.0454i	0.6436+0.2416i	0.8419+0.9707i	0.2963-0.1290i	0.5920+0.2436i	2.1035-1.2591i
26.4	-0.3744+0.1000i	8.7035+3.4446i	0.3489-0.0436i	0.6505+0.2428i	0.9456+1.0001i	0.2916-0.1272i	0.5998+0.2475i	2.0411-1.2674i
26.5	-0.3493+0.0929i	8.7768+3.5485i	0.3489-0.0462i	0.6464+0.2413i	1.0745+1.0258i	0.2939-0.1278i	0.5960+0.2449i	2.0259-1.3054i
26.6	-0.3273+0.0773i	8.8618+3.6301i	0.3515-0.0433i	0.6402+0.2197i	1.1740+1.0154i	0.2979-0.1222i	0.5857+0.2213i	2.0244-1.3328i
26.7	-0.3014+0.0498i	9.0275+3.6737i	0.3608-0.0380i	0.6199+0.2076i	1.2828+0.9771i	0.3040-0.1142i	0.5645+0.2044i	1.9925-1.3545i
26.8	-0.2905+0.0282i	9.1593+3.6567i	0.3753-0.0361i	0.6090+0.1876i	1.3890+0.9670i	0.3165-0.1089i	0.5506+0.1875i	2.0060-1.3698i
26.9	-0.2799-0.0024i	9.3162+3.7431i	0.3899-0.0470i	0.5803+0.1772i	1.4726+0.9075i	0.3323-0.1159i	0.5203+0.1820i	2.0251-1.4384i
27.0	-0.2755-0.0309i	9.4735+3.8219i	0.3951-0.0568i	0.5434+0.1973i	1.5197+0.8790i	0.3403-0.1252i	0.4833+0.2010i	1.9925-1.5264i
27.1	-0.2785-0.0615i	9.6427+3.9023i	0.3979-0.0582i	0.5189+0.2166i	1.5444+0.8931i	0.3412-0.1257i	0.4570+0.2184i	1.9477-1.5795i
27.2	-0.2872-0.0896i	9.8435+3.9045i	0.4020-0.0584i	0.4986+0.2356i	1.6043+0.9267i	0.3466-0.1204i	0.4342+0.2376i	1.8984-1.6094i
27.3	-0.2945-0.1172i	10.0040+3.9452i	0.4110-0.0577i	0.4677+0.2620i	1.6916+0.9608i	0.3595-0.1141i	0.4022+0.2665i	1.8599-1.6374i
27.4	-0.3077-0.1477i	10.2132+4.0219i	0.4256-0.0592i	0.4594+0.3013i	1.8165+0.9832i	0.3768-0.1126i	0.3885+0.3057i	1.8306-1.6723i
27.5	-0.3448-0.1703i	10.5191+3.9226i	0.4453-0.0642i	0.4829+0.3389i	1.9947+0.9369i	0.4019-0.1194i	0.4096+0.3418i	1.7955-1.6953i
27.6	-0.3824-0.1883i	10.8122+3.7652i	0.4623-0.0707i	0.5037+0.3712i	2.1616+0.8606i	0.4235-0.1266i	0.4275+0.3757i	1.7457-1.7034i
27.7	-0.4098-0.1863i	10.9443+3.5567i	0.4793-0.0871i	0.5286+0.3831i	2.2839+0.7479i	0.4412-0.1418i	0.4465+0.3950i	1.7197-1.7167i
27.8	-0.4320-0.1908i	11.0737+3.4086i	0.4943-0.1007i	0.5449+0.3968i	2.3781+0.6502i	0.4594-0.1515i	0.4611+0.4130i	1.7027-1.7308i
27.9	-0.4576-0.1900i	11.2235+3.2274i	0.5136-0.1185i	0.5716+0.4046i	2.5055+0.5243i	0.4835-0.1676i	0.4914+0.4216i	1.7021-1.7385i
28.0	-0.4872-0.1879i	11.2969+3.0358i	0.5331-0.1515i	0.6193+0.3979i	2.6198+0.3132i	0.5031-0.1994i	0.5311+0.4219i	1.7269-1.7886i
28.1	-0.5147-0.1838i	11.3865+2.9392i	0.5320-0.1748i	0.6479+0.3797i	2.6201+0.1414i	0.5035-0.2236i	0.5596+0.4143i	1.6825-1.8356i
28.2	-0.5527-0.1848i	11.4470+2.7478i	0.5295-0.1939i	0.6776+0.3517i	2.5967-0.0169i	0.5011-0.2393i	0.5930+0.3931i	1.6030-1.8537i
28.3	-0.5881-0.1542i	11.4310+2.4780i	0.5306-0.2124i	0.6994+0.3156i	2.5760-0.1356i	0.5018-0.2514i	0.6173+0.3517i	1.5313-1.8394i
28.4	-0.5997-0.1097i	11.4335+2.2862i	0.5308-0.2300i	0.7134+0.2809i	2.5520-0.2500i	0.5059-0.2647i	0.6296+0.3186i	1.5059-1.7733i
28.5	-0.6135-0.0919i	11.4231+2.1096i	0.5393-0.2357i	0.7240+0.2555i	2.5601-0.3245i	0.5203-0.2709i	0.6420+0.2961i	1.5274-1.7029i
28.6	-0.6202-0.0807i	11.3608+2.0331i	0.5541-0.2534i	0.7180+0.2437i	2.5741-0.4161i	0.5416-0.2898i	0.6369+0.2907i	1.6104-1.7245i
28.7	-0.6330-0.0590i	11.3758+1.8897i	0.5665-0.2732i	0.7237+0.2095i	2.5822-0.5237i	0.5542-0.3081i	0.6417+0.2580i	1.6653-1.7311i
28.8	-0.6408-0.0385i	11.2762+1.7551i	0.5793-0.3075i	0.7045+0.1854i	2.5767-0.6718i	0.5738-0.3412i	0.6194+0.2343i	1.7459-1.7797i
28.9	-0.6476-0.0284i	11.2135+1.7032i	0.5728-0.3323i	0.6966+0.1604i	2.5204-0.7833i	0.5736-0.3592i	0.6131+0.2131i	1.7534-1.8192i
29.0	-0.6613-0.0025i	11.1507+1.5863i	0.5568-0.3767i	0.6966+0.1232i	2.4261-0.9364i	0.5655-0.3947i	0.6152+0.1839i	1.7385-1.9191i
29.1	-0.6694+0.0196i	11.0994+1.4829i	0.5513-0.4175i	0.6828+0.0979i	2.3680-1.0826i	0.5661-0.4324i	0.6025+0.1643i	1.7489-2.0173i
29.2	-0.6793+0.0261i	11.0616+1.4408i	0.5483-0.4385i	0.6653+0.0835i	2.3291-1.1613i	0.5751-0.4526i	0.5842+0.1525i	1.7760-2.0521i
29.3	-0.6868+0.0540i	10.9785+1.3331i	0.5357-0.4737i	0.6459+0.0685i	2.2560-1.2793i	0.5765-0.4913i	0.5643+0.1432i	1.7778-2.1517i
29.4	-0.6912+0.0790i	10.8868+1.2579i	0.5298-0.4999i	0.6199+0.0505i	2.1840-1.3653i	0.5815-0.5182i	0.5451+0.1278i	1.7921-2.2317i
29.5	-0.6950+0.0923i	10.8237+1.2056i	0.5094-0.5333i	0.6003+0.0379i	2.0896-1.4690i	0.5757-0.5554i	0.5281+0.1218i	1.7549-2.3285i
29.6	-0.6987+0.1124i	10.7366+1.1855i	0.4684-0.5406i	0.5823+0.0295i	1.9276-1.4664i	0.5480-0.5659i	0.5184+0.1146i	1.6586-2.3388i
29.7	-0.7068+0.1384i	10.6759+1.1515i	0.4488-0.5569i	0.5619+0.0131i	1.8281-1.5053i	0.5414-0.5846i	0.5000+0.1042i	1.6300-2.3818i
29.8	-0.7085+0.1596i	10.5966+1.1280i	0.4166-0.5680i	0.5446+0.0070i	1.7055-1.5253i	0.5224-0.6024i	0.4881+0.0995i	1.5605-2.4066i
29.9	-0.7162+0.1776i	10.5361+1.1176i	0.3867-0.5901i	0.5233+0.0128i	1.5921-1.5858i	0.5051-0.6371i	0.4698+0.1071i	1.4999-2.4907i
30.0	-0.7241+0.1930i	10.4408+1.1083i	0.3467-0.6025i	0.5095+0.0199i	1.4502-1.6031i	0.4774-0.6585i	0.4644+0.1140i	1.4179-2.5350i
30.1	-0.7278+0.2207i	10.3561+1.1054i	0.3105-0.6219i	0.4674+0.0128i	1.3286-1.6377i	0.4599-0.6925i	0.4281+0.1114i	1.3440-2.6002i
30.2	-0.7312+0.2332i	10.2612+1.1441i	0.2659-0.6296i	0.4451+0.0238i	1.1881-1.6381i	0.4260-0.7127i	0.4112+0.1206i	1.2303-2.6137i
30.3	-0.7488+0.2618i	10.2210+1.1807i	0.2293-0.6244i	0.4271+0.0291i	1.1046-1.5903i	0.4066-0.7263i	0.4043+0.1251i	1.1744-2.5866i
30.4	-0.7565+0.2976i	10.2004+1.2373i	0.2173-0.5979i	0.4166+0.0360i	1.0782-1.5275i	0.3995-0.7205i	0.3961+0.1289i	1.2024-2.5379i
30.5	-0.7587+0.3267i	10.1754+1.2499i	0.2051-0.5967i	0.4072+0.0495i	1.0236-1.5524i	0.3846-0.7360i	0.3889+0.1415i	1.2058-2.5825i
30.6	-0.7689+0.3578i	10.1256+1.2754i	0.1733-0.5952i	0.3954+0.0511i	0.8977-1.5563i	0.3633-0.7468i	0.3851+0.1412i	1.1654-2.6338i
30.7	-0.7777+0.3897i	10.0317+1.3312i	0.1400-0.5804i	0.3788+0.0663i	0.7764-1.4944i	0.3435-0.7533i	0.3727+0.1500i	1.1178-2.6399i
30.8	-0.7950+0.4263i	9.9359+1.3973i	0.1013-0.5587i	0.3609+0.0831i	0.6316-1.4042i	0.3225-0.7507i	0.3596+0.1622i	1.0480-2.6233i

30.9	-0.7979+0.4844i	9.8839+1.4402i	0.0649-0.5419i	0.3466+0.1023i	0.5330-1.3254i	0.3008-0.7612i	0.3471+0.1745i	0.9795-2.6510i
31.0	-0.7992+0.5365i	9.8237+1.4578i	0.0422-0.5192i	0.3333+0.1244i	0.4682-1.2443i	0.2850-0.7697i	0.3373+0.1883i	0.9520-2.6547i
31.1	-0.7843+0.6034i	9.7749+1.5895i	0.0077-0.4935i	0.3367+0.1750i	0.3662-1.1794i	0.2443-0.7923i	0.3413+0.2331i	0.8925-2.6953i
31.2	-0.7637+0.6566i	9.7406+1.7409i	-0.0063-0.4575i	0.3379+0.1945i	0.3473-1.0628i	0.2298-0.7906i	0.3421+0.2494i	0.8642-2.7041i
31.3	-0.7546+0.6983i	9.7297+1.8663i	-0.0208-0.4035i	0.3469+0.2186i	0.3044-0.9143i	0.2164-0.7718i	0.3504+0.2685i	0.8321-2.6647i
31.4	-0.7185+0.7485i	9.7495+1.9635i	-0.0291-0.3644i	0.3629+0.2685i	0.2831-0.8546i	0.1873-0.7840i	0.3633+0.3137i	0.7848-2.6752i
31.5	-0.6989+0.8227i	9.7634+2.0960i	-0.0303-0.3172i	0.3595+0.2907i	0.2864-0.7216i	0.1855-0.7864i	0.3577+0.3335i	0.7705-2.6970i
31.6	-0.6657+0.8864i	9.8185+2.2512i	-0.0231-0.2774i	0.3912+0.3236i	0.2682-0.6182i	0.1636-0.7926i	0.3862+0.3611i	0.7287-2.7340i
31.7	-0.6195+0.9583i	9.8743+2.4050i	-0.0017-0.2260i	0.4382+0.3748i	0.2789-0.5159i	0.1361-0.8071i	0.4298+0.4112i	0.6708-2.7746i
31.8	-0.5727+1.0411i	9.9726+2.5617i	0.0311-0.1759i	0.4998+0.4066i	0.3044-0.3799i	0.1119-0.8145i	0.4865+0.4411i	0.6319-2.8244i
31.9	-0.4880+1.1138i	10.0868+2.6697i	0.0808-0.1362i	0.5570+0.4349i	0.4099-0.2680i	0.0872-0.8285i	0.5421+0.4700i	0.5573-2.8546i
32.0	-0.4078+1.1444i	10.2126+2.7275i	0.1185-0.1177i	0.6259+0.3984i	0.4423-0.1596i	0.0464-0.8006i	0.6087+0.4334i	0.4635-2.8349i
32.1	-0.2953+1.1958i	10.4365+2.8489i	0.1721-0.0832i	0.7368+0.3746i	0.4826-0.0146i	-0.0134-0.7725i	0.7148+0.4100i	0.3265-2.8179i
32.2	-0.1841+1.2218i	10.6149+2.9790i	0.2307-0.0636i	0.8351+0.3505i	0.5706+0.0741i	-0.0631-0.7461i	0.8121+0.3867i	0.2146-2.7732i
32.3	-0.0578+1.2233i	10.7516+2.9661i	0.2840-0.0581i	0.8687+0.2943i	0.7222+0.1518i	-0.0841-0.7058i	0.8470+0.3302i	0.1009-2.6844i
32.4	0.0595+1.2183i	10.9385+2.9390i	0.3362-0.0623i	0.8922+0.2228i	0.8832+0.2153i	-0.0933-0.6611i	0.8685+0.2592i	-0.0052-2.6021i
32.5	0.1775+1.1989i	11.1918+2.9385i	0.3893-0.0839i	0.9414+0.1150i	0.9972+0.2704i	-0.1116-0.5976i	0.9181+0.1558i	-0.0897-2.4922i
32.6	0.2788+1.1497i	11.3538+2.8317i	0.4332-0.0931i	0.9387+0.0335i	1.1468+0.3461i	-0.0967-0.5294i	0.9104+0.0695i	-0.1194-2.3263i
32.7	0.3686+1.0990i	11.4626+2.7934i	0.4696-0.1036i	0.8985-0.0448i	1.2839+0.4170i	-0.0644-0.4665i	0.8716-0.0080i	-0.1221-2.1804i
32.8	0.4350+1.0206i	11.5531+2.7242i	0.5018-0.1228i	0.8405-0.0935i	1.4556+0.4119i	-0.0156-0.4249i	0.8105-0.0591i	-0.0711-2.0404i
32.9	0.5012+0.9400i	11.6911+2.6501i	0.5545-0.1403i	0.8036-0.1183i	1.6738+0.3724i	0.0429-0.4035i	0.7721-0.0862i	0.0273-1.8956i
33.0	0.5393+0.8662i	11.8321+2.5469i	0.5888-0.1547i	0.7237-0.1492i	1.8778+0.3822i	0.1306-0.3723i	0.6877-0.1181i	0.1812-1.8052i
33.1	0.5651+0.7742i	11.8624+2.4188i	0.6481-0.1795i	0.6985-0.1544i	2.1036+0.2837i	0.2007-0.3664i	0.6585-0.1200i	0.3398-1.7249i
33.2	0.5760+0.6904i	11.9204+2.3269i	0.7415-0.2315i	0.7193-0.1408i	2.3794+0.0872i	0.2717-0.4042i	0.6728-0.1058i	0.5379-1.7363i
33.3	0.5685+0.6446i	11.9751+2.2629i	0.7797-0.3136i	0.7250-0.1914i	2.4666-0.1173i	0.2999-0.4312i	0.6768-0.1518i	0.6541-1.8164i
33.4	0.5684+0.5907i	12.0412+2.1823i	0.8072-0.4049i	0.7092-0.2305i	2.5753-0.3728i	0.3419-0.4746i	0.6575-0.1862i	0.7351-1.9151i
33.5	0.5669+0.5436i	12.0968+2.0810i	0.8184-0.5064i	0.6684-0.2728i	2.6563-0.6179i	0.3910-0.5221i	0.6121-0.2245i	0.8097-2.0396i
33.6	0.5354+0.4864i	12.0070+1.8721i	0.7862-0.6094i	0.6298-0.2888i	2.5897-0.9393i	0.4060-0.5960i	0.5746-0.2321i	0.8347-2.1888i
33.7	0.5126+0.4610i	11.9756+1.8089i	0.7464-0.6706i	0.5861-0.2820i	2.5114-1.1380i	0.4183-0.6563i	0.5322-0.2192i	0.8317-2.3065i
33.8	0.4887+0.4550i	11.9266+1.8131i	0.6734-0.7149i	0.5357-0.2959i	2.3162-1.2640i	0.4047-0.6915i	0.4875-0.2287i	0.7783-2.3923i
33.9	0.4655+0.4641i	11.8652+1.8748i	0.6110-0.7269i	0.5027-0.2899i	2.1466-1.3123i	0.3842-0.7256i	0.4573-0.2194i	0.7157-2.4656i
34.0	0.4623+0.4992i	11.9060+1.9307i	0.5762-0.7362i	0.4860-0.2868i	2.0671-1.3163i	0.3687-0.7633i	0.4433-0.2154i	0.6260-2.5486i
34.1	0.4890+0.5379i	12.0064+2.0150i	0.5326-0.7235i	0.4391-0.2957i	1.9868-1.2556i	0.3519-0.7708i	0.3985-0.2234i	0.5042-2.5734i
34.2	0.5451+0.5535i	12.1220+2.0787i	0.5163-0.7130i	0.4224-0.3022i	1.9488-1.2697i	0.3242-0.7728i	0.3845-0.2300i	0.3931-2.5243i
34.3	0.6139+0.5571i	12.2904+2.1035i	0.5121-0.6994i	0.3895-0.2783i	1.9639-1.2556i	0.3164-0.7857i	0.3536-0.2069i	0.3057-2.4913i
34.4	0.6721+0.5360i	12.3563+2.0176i	0.5203-0.6924i	0.3779-0.2589i	1.9807-1.2912i	0.3075-0.7907i	0.3447-0.1887i	0.2636-2.4072i
34.5	0.7226+0.4863i	12.4317+1.9333i	0.5391-0.6899i	0.3633-0.2512i	2.0027-1.3323i	0.3202-0.7788i	0.3283-0.1859i	0.2852-2.2808i
34.6	0.7658+0.4219i	12.5587+1.7939i	0.5420-0.7083i	0.3440-0.2306i	1.9962-1.3932i	0.3293-0.7942i	0.3050-0.1657i	0.3322-2.2410i
34.7	0.7986+0.3654i	12.5856+1.7085i	0.5569-0.7294i	0.3211-0.2160i	1.9827-1.4546i	0.3535-0.8116i	0.2792-0.1459i	0.4343-2.2124i
34.8	0.8281+0.2996i	12.6054+1.5924i	0.5734-0.7658i	0.3127-0.2205i	1.9248-1.5778i	0.3679-0.8253i	0.2709-0.1494i	0.5492-2.1495i
34.9	0.8453+0.2547i	12.6636+1.5307i	0.5677-0.7989i	0.2969-0.2274i	1.8565-1.6606i	0.3775-0.8453i	0.2545-0.1570i	0.6171-2.1432i
35.0	0.8352+0.1995i	12.6504+1.4374i	0.5805-0.8354i	0.2965-0.2049i	1.8177-1.7230i	0.4017-0.8866i	0.2563-0.1313i	0.7236-2.2009i
35.1	0.8217+0.1573i	12.6275+1.3482i	0.5902-0.8649i	0.3007-0.1764i	1.8098-1.7520i	0.4159-0.9289i	0.2579-0.1011i	0.7654-2.2715i
35.2	0.8237+0.1087i	12.6362+1.2779i	0.5946-0.8904i	0.3004-0.1697i	1.7343-1.7946i	0.4275-0.9576i	0.2557-0.0960i	0.8542-2.3176i
35.3	0.8117+0.0728i	12.6845+1.1966i	0.6134-0.9259i	0.2971-0.1561i	1.7172-1.7761i	0.4566-0.9997i	0.2556-0.0801i	0.9237-2.4369i
35.4	0.8091+0.0307i	12.6901+1.1425i	0.6147-0.9894i	0.2935-0.1421i	1.6372-1.8074i	0.4661-1.0748i	0.2518-0.0616i	1.0170-2.5962i
35.5	0.7902+0.0003i	12.5928+1.0930i	0.5919-1.0229i	0.2870-0.1221i	1.5838-1.7978i	0.4570-1.1260i	0.2395-0.0408i	1.0135-2.7079i
35.6	0.7848-0.0274i	12.6097+1.0151i	0.5760-1.0589i	0.2848-0.0915i	1.6014-1.7322i	0.4490-1.1915i	0.2445-0.0122i	0.9706-2.8800i
35.7	0.7778-0.0208i	12.5749+1.0560i	0.5567-1.0909i	0.2916-0.0799i	1.5913-1.6697i	0.4298-1.2514i	0.2471+0.0002i	0.9515-3.0563i
35.8	0.7824-0.0374i	12.6153+1.0531i	0.5619-1.1249i	0.3128-0.0723i	1.6880-1.6392i	0.4138-1.3071i	0.2702+0.0124i	0.8561-3.2161i
35.9	0.7994-0.0537i	12.6351+1.0627i	0.5541-1.1788i	0.3431-0.0663i	1.8404-1.6816i	0.3614-1.3801i	0.3080+0.0257i	0.6253-3.3761i
36.0	0.8104-0.0638i	12.6526+1.0619i	0.5320-1.2441i	0.3677-0.0746i	1.9073-1.7981i	0.3036-1.4395i	0.3343+0.0225i	0.4361-3.4407i
36.1	0.8492-0.0819i	12.6754+1.0407i	0.4883-1.2899i	0.3851-0.0904i	1.9192-1.9654i	0.2287-1.4770i	0.3534+0.0112i	0.2557-3.3696i
36.2	0.8788-0.1167i	12.7010+0.9899i	0.4635-1.3312i	0.3974-0.0967i	1.9534-2.1086i	0.1856-1.5107i	0.3648+0.0035i	0.1157-3.3104i
36.3	0.8938-0.1763i	12.6859+0.8856i	0.4294-1.3872i	0.4023-0.1119i	1.9385-2.2628i	0.1503-1.5406i	0.3711-0.0101i	0.0569-3.2511i
36.4	0.9314-0.2479i	12.6838+0.7421i	0.3930-1.4459i	0.4123-0.1352i	1.8482-2.4481i	0.0947-1.5692i	0.3800-0.0297i	0.0015-3.1940i
36.5	0.9156-0.3161i	12.6029+0.6216i	0.3221-1.4929i	0.4017-0.1440i	1.7010-2.5909i	0.0395-1.5956i	0.3775-0.0345i	-0.0262-3.1543i
36.6	0.9150-0.3694i	12.5785+0.6028i	0.2645-1.5089i	0.4054-0.1549i	1.5919-2.6821i	-0.0148-1.6013i	0.3866-0.0446i	-0.0678-3.0871i
36.7	0.9085-0.4328i	12.5362+0.5891i	0.1911-1.5130i	0.4100-0.1677i	1.4439-2.7390i	-0.0754-1.5925i	0.3946-0.0579i	-0.1224-3.0172i
36.8	0.8853-0.4730i	12.4204+0.6074i	0.1368-1.5210i	0.4125-0.1809i	1.3203-2.7708i	-0.1219-1.6011i	0.3982-0.0704i	-0.1492-3.0088i
36.9	0.8699-0.5186i	12.4396+0.6325i	0.1023-1.5174i	0.4132-0.2005i	1.2066-2.7770i	-0.1529-1.5988i	0.4032-0.0916i	-0.1568-2.9775i
37.0	0.8588-0.5604i	12.4408+0.7580i	0.0596-1.5180i	0.4134-0.2207i	1.0958-2.7672i	-0.1910-1.6017i	0.4081-0.1165i	-0.1522-2.9231i
37.1	0.8322-0.6131i	12.4016+0.8157i	0.0340-1.5307i	0.4134-0.2340i	1.0400-2.7662i	-0.2170-1.6242i	0.4056-0.1280i	-0.1714-2.9346i

37.2	0.8055-0.6607i	12.3919+0.7944i	0.0174-1.5569i	0.4021-0.2550i	1.0084-2.7790i	-0.2251-1.6477i	0.3934-0.1499i	-0.1678-2.9353i
37.3	0.7653-0.7080i	12.3684+0.7827i	-0.0267-1.5830i	0.3932-0.2826i	0.9138-2.8084i	-0.2676-1.6826i	0.3842-0.1740i	-0.1834-2.9006i
37.4	0.7301-0.7453i	12.3376+0.7742i	-0.0833-1.6197i	0.3747-0.3024i	0.7965-2.8491i	-0.3278-1.7290i	0.3723-0.1931i	-0.1994-2.8982i
37.5	0.7024-0.7900i	12.3340+0.7339i	-0.1275-1.6332i	0.3502-0.3257i	0.7272-2.8886i	-0.3752-1.7465i	0.3534-0.2214i	-0.2030-2.8222i
37.6	0.6869-0.8281i	12.3955+0.7049i	-0.1794-1.6649i	0.3261-0.3524i	0.6575-2.9686i	-0.4334-1.7835i	0.3292-0.2430i	-0.2072-2.7782i
37.7	0.6156-0.8719i	12.2795+0.7156i	-0.2814-1.6925i	0.2835-0.3710i	0.4835-3.0122i	-0.5457-1.8302i	0.2881-0.2580i	-0.1601-2.7491i
37.8	0.5743-0.9285i	12.1884+0.6729i	-0.3284-1.6993i	0.2552-0.3858i	0.3592-3.0794i	-0.5989-1.8464i	0.2630-0.2777i	-0.0782-2.7150i
37.9	0.4954-0.9551i	12.1394+0.7617i	-0.4097-1.7130i	0.2125-0.3854i	0.1162-3.0848i	-0.7158-1.8745i	0.2268-0.2795i	-0.0042-2.7728i
38.0	0.4182-0.9436i	12.0726+0.9081i	-0.5081-1.6882i	0.1639-0.3656i	-0.1475-2.9861i	-0.8482-1.8435i	0.1815-0.2575i	0.0170-2.8290i
38.1	0.3645-0.9110i	12.0927+1.0085i	-0.5941-1.6516i	0.1197-0.3413i	-0.3124-2.8424i	-0.9653-1.8008i	0.1372-0.2349i	0.0184-2.8419i
38.2	0.3427-0.8766i	12.1766+1.0302i	-0.6448-1.5776i	0.0958-0.3128i	-0.4497-2.6510i	-1.0450-1.7077i	0.1162-0.2100i	0.0533-2.8014i
38.3	0.3412-0.8489i	12.1798+1.1669i	-0.6743-1.5470i	0.0836-0.2825i	-0.5173-2.4713i	-1.1011-1.6505i	0.1024-0.1825i	0.1283-2.8080i
38.4	0.3637-0.8572i	12.2063+1.1606i	-0.6877-1.5327i	0.0791-0.2544i	-0.5213-2.3513i	-1.1315-1.6146i	0.0997-0.1598i	0.2153-2.8576i
38.5	0.3672-0.8767i	12.2616+1.1962i	-0.7036-1.5019i	0.0751-0.2325i	-0.5319-2.2337i	-1.1531-1.5474i	0.0969-0.1376i	0.3084-2.9313i
38.6	0.3495-0.8964i	12.2300+1.1753i	-0.7422-1.4918i	0.0738-0.2099i	-0.5467-2.0953i	-1.2004-1.4946i	0.0870-0.1106i	0.3954-3.0633i
38.7	0.3370-0.9310i	12.1758+1.2103i	-0.7883-1.5040i	0.0690-0.1842i	-0.6201-1.9665i	-1.2636-1.4771i	0.0812-0.0872i	0.4719-3.2494i
38.8	0.3222-0.9553i	12.1895+1.3155i	-0.8258-1.4872i	0.0839-0.1674i	-0.6091-1.7777i	-1.3068-1.4224i	0.1027-0.0691i	0.4452-3.4528i
38.9	0.3055-0.9719i	12.1210+1.4268i	-0.9115-1.4617i	0.0903-0.1388i	-0.5573-1.6063i	-1.3805-1.3616i	0.1131-0.0383i	0.3433-3.6698i
39.0	0.2802-1.0018i	12.1739+1.5468i	-0.9758-1.4302i	0.0963-0.1275i	-0.5079-1.4411i	-1.4327-1.2877i	0.1166-0.0320i	0.2323-3.8530i
39.1	0.2415-1.0133i	12.2657+1.6507i	-1.0445-1.3757i	0.1089-0.1242i	-0.3388-1.3103i	-1.4600-1.1996i	0.1315-0.0290i	0.0217-3.9438i
39.2	0.2259-1.0396i	12.2136+1.7489i	-1.1019-1.3361i	0.1155-0.1111i	-0.2092-1.2559i	-1.4809-1.1378i	0.1418-0.0150i	-0.1137-4.0089i
39.3	0.2063-1.0882i	12.3506+1.9212i	-1.1296-1.2939i	0.1321-0.1079i	-0.0811-1.2478i	-1.4863-1.0854i	0.1592-0.0147i	-0.2560-4.0931i
39.4	0.1534-1.1228i	12.3937+1.9614i	-1.1738-1.2565i	0.1391-0.1038i	-0.0100-1.2515i	-1.5022-1.0477i	0.1668-0.0112i	-0.4103-4.1887i
39.5	0.0719-1.1404i	12.4780+1.9622i	-1.2460-1.1929i	0.1381-0.1096i	0.1317-1.2222i	-1.5333-0.9816i	0.1717-0.0126i	-0.7204-4.2215i
39.6	0.0080-1.1522i	12.5675+2.0479i	-1.2886-1.1006i	0.1313-0.1207i	0.2947-1.2598i	-1.5520-0.8946i	0.1710-0.0289i	-0.9405-4.1221i
39.7	-0.0645-1.1179i	12.6365+2.2184i	-1.2944-1.0053i	0.1097-0.1072i	0.3642-1.4326i	-1.5485-0.8231i	0.1531-0.0206i	-1.0213-3.9474i
39.8	-0.0831-1.0913i	12.7782+2.2892i	-1.2532-0.9471i	0.1197-0.0790i	0.2323-1.5675i	-1.4986-0.7496i	0.1597+0.0018i	-1.0084-3.9076i
39.9	-0.0851-1.0854i	12.9311+2.3826i	-1.2566-0.8812i	0.1631-0.0719i	0.2479-1.4930i	-1.4921-0.6820i	0.1998+0.0045i	-1.1965-3.9124i
40.0	-0.1267-1.0502i	13.0314+2.3461i	-1.2813-0.8489i	0.1706-0.0730i	0.3260-1.4480i	-1.4906-0.6602i	0.2109+0.0041i	-1.3506-3.8120i
40.1	-0.1569-1.0300i	13.0399+2.3078i	-1.2522-0.7866i	0.1725-0.0707i	0.3219-1.5105i	-1.4542-0.6243i	0.2112+0.0039i	-1.3818-3.6623i
40.2	-0.1651-1.0296i	13.2063+2.2791i	-1.2355-0.7349i	0.1860-0.0785i	0.3771-1.4888i	-1.4428-0.5780i	0.2191-0.0057i	-1.4587-3.5779i
40.3	-0.1754-1.0118i	13.4215+2.3407i	-1.2332-0.6871i	0.1996-0.0856i	0.4472-1.4834i	-1.4419-0.5420i	0.2300-0.0159i	-1.5035-3.5021i
40.4	-0.2110-1.0192i	13.4381+2.3312i	-1.2227-0.6698i	0.1965-0.0864i	0.3892-1.5063i	-1.4272-0.5308i	0.2296-0.0121i	-1.4533-3.4209i
40.5	-0.2310-1.0256i	13.5296+2.3647i	-1.2055-0.6329i	0.2112-0.0918i	0.3453-1.4562i	-1.4267-0.4890i	0.2405-0.0153i	-1.4799-3.4233i
40.6	-0.2344-1.0195i	13.6441+2.3973i	-1.1908-0.5971i	0.2292-0.1148i	0.4233-1.5023i	-1.4319-0.4407i	0.2589-0.0411i	-1.5585-3.3015i
40.7	-0.2370-1.0186i	13.6322+2.4041i	-1.1730-0.5879i	0.2413-0.1214i	0.3342-1.4052i	-1.4435-0.4299i	0.2688-0.0459i	-1.4652-3.3311i
40.8	-0.2307-1.0209i	13.6442+2.4489i	-1.1353-0.5542i	0.2448-0.1144i	0.2538-1.3606i	-1.4229-0.3909i	0.2611-0.0406i	-1.2992-3.3866i
40.9	-0.2243-1.0295i	13.6631+2.5440i	-1.1449-0.5151i	0.2492-0.1162i	0.3872-1.4145i	-1.4195-0.3326i	0.2668-0.0439i	-1.2761-3.4266i
41.0	-0.2516-1.0959i	13.7360+2.5928i	-1.1102-0.4672i	0.2536-0.1511i	0.4463-1.3524i	-1.3802-0.2469i	0.2784-0.0856i	-1.3215-3.5607i
41.1	-0.3108-1.1395i	13.7812+2.6101i	-1.0887-0.4472i	0.2602-0.1729i	0.6036-1.4128i	-1.3413-0.1994i	0.2783-0.1008i	-1.5374-3.6094i
41.2	-0.4066-1.1366i	14.0251+2.6849i	-1.0719-0.4531i	0.2807-0.2227i	0.9820-1.4380i	-1.3104-0.1462i	0.3037-0.1477i	-1.9169-3.5153i
41.3	-0.4969-1.0947i	14.1356+2.7075i	-1.0906-0.4562i	0.2481-0.2846i	1.1731-1.7077i	-1.2687-0.1166i	0.2836-0.2030i	-2.1631-3.2400i
41.4	-0.5132-1.0594i	14.1426+2.6511i	-1.0692-0.4430i	0.2123-0.2710i	0.9437-1.7279i	-1.2307-0.1304i	0.2448-0.1930i	-1.9896-3.0991i
41.5	-0.5370-1.0898i	14.1764+2.7249i	-1.0534-0.4204i	0.2219-0.2720i	0.9791-1.6761i	-1.2217-0.0914i	0.2476-0.1909i	-1.9985-3.2578i
41.6	-0.6059-1.0415i	14.4207+2.7033i	-1.0511-0.4147i	0.2004-0.2974i	1.0726-1.9328i	-1.1826-0.0928i	0.2277-0.2230i	-2.2844-2.9709i
41.7	-0.5965-0.9992i	14.5888+2.6759i	-1.0481-0.4222i	0.1712-0.3086i	1.0541-1.9059i	-1.1854-0.0995i	0.1945-0.2434i	-2.0069-2.7776i
41.8	-0.6586-1.0071i	14.6792+2.7584i	-1.0692-0.3777i	0.1527-0.3305i	1.2107-2.1957i	-1.1759-0.0083i	0.1706-0.2592i	-2.0081-2.8176i
41.9	-0.7722-0.9830i	14.7608+2.8752i	-1.0234-0.3484i	0.1264-0.3738i	1.2207-2.4701i	-1.1017+0.0721i	0.1446-0.2973i	-2.2080-2.6934i
42.0	-0.8142-0.8795i	14.8704+2.8650i	-0.9907-0.3718i	0.0665-0.3702i	1.1384-2.5593i	-1.0118+0.0331i	0.0849-0.3007i	-2.2043-2.5011i
42.1	-0.7822-0.7832i	14.9353+2.7869i	-1.0136-0.3953i	0.0534-0.3320i	1.1278-2.5747i	-1.0261-0.0220i	0.0733-0.2660i	-2.1766-2.3870i
42.2	-0.7339-0.7012i	14.9204+2.7221i	-1.0204-0.3634i	0.0347-0.3219i	0.9914-2.7382i	-1.0083+0.0062i	0.0536-0.2545i	-2.0533-2.2434i
42.3	-0.6341-0.6719i	15.0493+2.7320i	-1.0114-0.3560i	0.0527-0.3339i	0.8240-2.8025i	-0.9982+0.0484i	0.0648-0.2633i	-1.7248-2.0720i
42.4	-0.6483-0.7092i	15.1873+2.7736i	-1.0433-0.3827i	0.0228-0.4503i	0.8419-3.0526i	-0.9337+0.1262i	0.0318-0.3702i	-1.5809-2.1218i
42.5	-0.6851-0.7459i	15.2970+2.7816i	-1.0631-0.3896i	-0.0748-0.4798i	0.6679-3.0341i	-0.8758+0.1271i	-0.0600-0.3934i	-1.6591-2.3062i
42.6	-0.6941-0.7030i	15.4089+2.7754i	-1.0491-0.3513i	-0.1404-0.4148i	0.6424-2.9449i	-0.8237+0.1124i	-0.1220-0.3267i	-1.8714-2.3389i
42.7	-0.6128-0.6591i	15.5231+2.7939i	-1.0350-0.2862i	-0.1530-0.3468i	0.5387-3.1286i	-0.7918+0.0948i	-0.1352-0.2620i	-1.8910-2.1936i
42.8	-0.5677-0.6592i	15.4444+2.8346i	-1.0734-0.2329i	-0.2092-0.2789i	0.4630-3.0800i	-0.7627+0.0604i	-0.1890-0.2001i	-1.6403-2.0955i
42.9	-0.5802-0.7127i	15.6209+2.8272i	-1.0644-0.2634i	-0.1925-0.3131i	0.6308-3.2450i	-0.7650+0.1065i	-0.1789-0.2276i	-1.6778-1.9290i
43.0	-0.5041-0.7306i	15.7345+2.9748i	-1.0344-0.1883i	-0.2081-0.2585i	0.1612-3.4552i	-0.6904+0.1076i	-0.1958-0.1678i	-1.3729-2.0637i
43.1	-0.4857-0.7647i	15.7301+2.8901i	-1.0567-0.1028i	-0.2439-0.1893i	0.1701-3.4746i	-0.6316+0.0411i	-0.2261-0.0983i	-1.3217-2.2198i
43.2	-0.5037-0.8455i	15.8060+2.8772i	-1.0610-0.0882i	-0.2649-0.1544i	0.0850-3.4448i	-0.6195+0.0050i	-0.2428-0.0640i	-1.3988-2.3313i
43.3	-0.5705-0.8691i	15.9485+2.8930i	-0.9951-0.0598i	-0.2521-0.1556i	-0.1016-3.6499i	-0.6040+0.0044i	-0.2281-0.0655i	-1.5860-2.0421i
43.4	-0.5977-0.8902i	15.9513+2.8590i	-0.9533-0.0856i	-0.2598-0.1946i	-0.4002-3.6816i	-0.5992+0.0215i	-0.2366-0.1087i	-1.2326-1.7229i

43.5	-0.6780-0.9392i	16.0247+2.7714i	-1.0141-0.1045i	-0.3523-0.1965i	-0.4887-3.5681i	-0.5386+0.0256i	-0.3301-0.1099i	-0.8240-1.8276i
43.6	-0.7454-0.9221i	16.1568+2.8478i	-1.0222-0.0567i	-0.4295-0.1697i	-0.4039-3.5891i	-0.4600+0.0190i	-0.4095-0.0789i	-0.7032-1.9988i
43.7	-0.7594-0.9733i	16.3993+2.8312i	-0.9463-0.0190i	-0.3654-0.0935i	-0.2280-3.7439i	-0.4786-0.0338i	-0.3436+0.0050i	-1.0567-2.1440i
43.8	-0.7872-1.0779i	16.4634+2.9254i	-0.8824+0.0343i	-0.3528-0.0359i	-0.7559-3.9529i	-0.4800-0.0451i	-0.3236+0.0650i	-0.9386-2.2289i
43.9	-0.9933-1.1479i	16.6149+2.8774i	-0.8001-0.0225i	-0.3215-0.0305i	-1.1644-3.7486i	-0.4353-0.0623i	-0.2831+0.0686i	-1.0295-2.2995i
44.0	-1.1457-1.0699i	16.6898+2.8764i	-0.8003-0.0768i	-0.3265-0.0826i	-1.2369-3.6563i	-0.4131-0.0607i	-0.2876+0.0145i	-1.0574-2.1692i
44.1	-1.2193-0.8455i	16.9408+2.9856i	-0.8289-0.0364i	-0.4275-0.1557i	-1.5915-4.1395i	-0.3549-0.0036i	-0.3872-0.0627i	-0.8089-1.6331i
44.2	-1.1983-0.8743i	16.9482+2.9672i	-0.8725-0.0751i	-0.5026-0.0781i	-1.9256-3.6483i	-0.3514-0.0825i	-0.4584+0.0084i	-0.3750-2.0705i
44.3	-1.3749-0.8259i	17.0684+2.9686i	-0.8664-0.0134i	-0.5864+0.0674i	-2.0997-3.1136i	-0.2620-0.1380i	-0.5356+0.1565i	-0.3286-2.7092i
44.4	-1.4517-0.6186i	17.1549+2.9497i	-0.7932+0.0176i	-0.5393+0.2227i	-1.8130-2.7487i	-0.2274-0.2359i	-0.4912+0.3102i	-0.7649-2.9652i
44.5	-1.3728-0.4498i	17.1537+2.9374i	-0.8135-0.0040i	-0.4655+0.1979i	-1.5400-3.1464i	-0.2875-0.2788i	-0.4232+0.2842i	-0.9866-2.5752i
44.6	-1.2527-0.4011i	17.2451+2.8666i	-0.7891+0.0231i	-0.5307+0.2546i	-2.1025-3.2300i	-0.2713-0.3205i	-0.4832+0.3364i	-0.7513-2.4936i
44.7	-1.1755-0.3422i	17.3692+2.9594i	-0.7216+0.0586i	-0.4927+0.4097i	-2.2635-2.9026i	-0.2392-0.3721i	-0.4444+0.4836i	-0.6947-2.4951i
44.8	-1.1355-0.4573i	17.5337+3.0241i	-0.6921+0.0318i	-0.3955+0.4091i	-2.2433-2.7736i	-0.2733-0.3823i	-0.3557+0.4778i	-0.5355-2.5443i
44.9	-1.3301-0.5009i	17.5393+3.1033i	-0.6597+0.0370i	-0.3051+0.3244i	-2.2248-2.6710i	-0.3194-0.3158i	-0.2678+0.4043i	-0.7119-2.7526i
45.0	-1.3861-0.4449i	17.5424+3.0125i	-0.6471+0.0297i	-0.2962+0.3309i	-2.0871-2.5106i	-0.3077-0.3185i	-0.2568+0.4105i	-0.7529-2.7141i
45.1	-1.5035-0.3554i	17.5445+3.0989i	-0.5775-0.0100i	-0.2912+0.2794i	-1.8626-2.6823i	-0.2172-0.2994i	-0.2552+0.3591i	-0.6881-2.5314i
45.2	-1.4466-0.1249i	17.7766+3.2755i	-0.5900-0.0167i	-0.3829+0.2738i	-2.2182-2.9424i	-0.1589-0.3600i	-0.3422+0.3645i	-0.6603-2.6413i
45.3	-1.3007-0.0788i	17.9889+3.4189i	-0.5591-0.0047i	-0.4530+0.3606i	-2.6244-2.9813i	-0.1142-0.4250i	-0.4037+0.4446i	-0.5904-2.5461i
45.4	-1.3471-0.0723i	18.1030+3.5333i	-0.4534-0.0571i	-0.4318+0.4360i	-3.1008-2.6172i	-0.0380-0.5094i	-0.3815+0.5133i	-0.2813-2.5631i
45.5	-1.3204+0.0825i	18.1666+3.5921i	-0.4608-0.1388i	-0.4570+0.4262i	-3.1577-2.2438i	-0.0098-0.5685i	-0.4145+0.4940i	0.1161-2.6495i
45.6	-1.2141+0.0405i	18.3496+3.5725i	-0.5674-0.1111i	-0.5025+0.5339i	-3.2630-2.2529i	-0.0358-0.6401i	-0.4706+0.6096i	0.4555-3.3059i
45.7	-1.2136+0.0792i	18.6227+3.5819i	-0.5106-0.1000i	-0.4962+0.6594i	-3.6122-1.7540i	0.0148-0.7562i	-0.4575+0.7411i	0.2471-3.8038i
45.8	-1.1623+0.1176i	18.8111+3.4421i	-0.5134-0.1005i	-0.4721+0.7778i	-3.5366-1.0434i	-0.0259-0.8630i	-0.4299+0.8584i	-0.0115-4.1383i
45.9	-1.1749+0.0888i	18.7849+3.3371i	-0.4639-0.0493i	-0.4024+0.9617i	-3.2197-0.5693i	-0.0567-0.9669i	-0.3600+1.0420i	-0.4125-4.5490i
46.0	-1.2134+0.1561i	18.8187+3.5072i	-0.3468-0.0860i	-0.2725+1.0060i	-2.6940-0.5850i	-0.0669-1.0000i	-0.2295+1.0842i	-0.8239-4.3599i
46.1	-1.1367+0.2561i	19.0659+3.6077i	-0.2585-0.1579i	-0.0636+1.0235i	-2.8333-0.9692i	-0.0787-1.0341i	-0.0171+1.0993i	-0.9126-3.9991i
46.2	-1.1721+0.3578i	19.1970+3.7647i	-0.2728-0.2695i	0.0067+0.8291i	-3.2427-0.8682i	-0.0513-1.0536i	0.0510+0.9067i	-0.4156-3.9235i
46.3	-1.0643+0.4082i	19.6066+3.9781i	-0.4467-0.3917i	-0.0876+0.7659i	-2.8159-0.1138i	-0.1682-1.2490i	-0.0490+0.8459i	-0.5383-4.7148i
46.4	-0.9463+0.4757i	19.8672+3.9262i	-0.4295-0.4241i	-0.0893+0.8989i	-2.1707+0.0279i	-0.2485-1.4486i	-0.0507+0.9761i	-1.4366-4.9700i
46.5	-0.8092+0.5595i	19.8586+3.9359i	-0.3809-0.4093i	-0.1290+0.9387i	-2.2819-0.4199i	-0.2310-1.4593i	-0.0903+1.0164i	-1.4718-4.4986i
46.6	-0.7378+0.4886i	19.8120+3.9347i	-0.4037-0.4332i	-0.1480+0.9920i	-2.7973-0.4436i	-0.2893-1.4705i	-0.1041+1.0687i	-1.0790-4.4270i
46.7	-0.6797+0.4870i	20.1336+4.1539i	-0.4221-0.5644i	-0.0029+1.1075i	-2.5677+0.2254i	-0.4597-1.5974i	0.0422+1.1800i	-1.5367-4.6563i
46.8	-0.5032+0.5832i	20.4090+4.2528i	-0.4997-0.5723i	0.0602+1.1126i	-2.3725-0.0299i	-0.5039-1.5750i	0.1002+1.1899i	-1.6265-4.3304i
46.9	-0.3679+0.3821i	20.8265+4.2586i	-0.5494-0.6023i	0.1073+1.2095i	-2.7568+0.2682i	-0.5770-1.6915i	0.1469+1.2831i	-1.3195-4.5430i
47.0	-0.4210+0.2258i	21.0752+4.0962i	-0.6147-0.6217i	0.3095+1.2364i	-2.3773+0.8515i	-0.7701-1.7331i	0.3495+1.3089i	-1.6672-4.9627i
47.1	-0.4489+0.1610i	21.5936+4.0451i	-0.7584-0.6592i	0.4787+1.1752i	-1.6077+1.1720i	-1.0114-1.7681i	0.5161+1.2513i	-2.1918-5.1263i
47.2	-0.3839+0.0608i	21.7586+4.1477i	-0.8111-0.6737i	0.5876+1.2182i	-0.8889+1.3303i	-1.1527-1.8590i	0.6168+1.2925i	-2.6864-5.2480i
47.3	-0.3427-0.0549i	21.8767+4.1982i	-0.7983-0.6570i	0.7656+1.2350i	-0.4247+1.0562i	-1.3172-1.9022i	0.7997+1.3105i	-3.3551-5.0279i
47.4	-0.5182-0.0804i	22.0870+4.0665i	-0.7870-0.6475i	0.9609+1.0065i	-0.0796+0.3112i	-1.5362-1.7217i	1.0026+1.0820i	-4.0415-4.2326i
47.5	-0.5814-0.0024i	22.3489+4.0573i	-0.8556-0.6905i	0.8891+0.7996i	-0.3641-0.2399i	-1.5897-1.5554i	0.9312+0.8751i	-3.8224-3.3284i
47.6	-0.5387-0.0782i	22.8332+3.8922i	-0.9973-0.6103i	0.7026+0.8846i	-1.0356+0.1965i	-1.5618-1.4457i	0.7405+0.9551i	-2.7227-3.2125i
47.7	-0.5798-0.1457i	22.9501+3.9217i	-0.9761-0.6253i	0.8867+0.9571i	-0.3557+0.4130i	-1.5986-1.4895i	0.9145+1.0158i	-2.7351-3.3036i
47.8	-0.6543-0.2049i	23.3651+3.9119i	-1.0386-0.6226i	1.0694+0.8460i	0.0775-0.2266i	-1.7364-1.4554i	1.0866+0.9086i	-2.7295-3.1139i
47.9	-0.7469-0.1296i	23.6898+3.8133i	-1.1156-0.6120i	0.9994+0.6513i	-0.5461-0.7063i	-1.7875-1.3270i	1.0234+0.7212i	-2.2960-3.1187i
48.0	-0.8744-0.0738i	23.9045+3.5923i	-1.2425-0.6129i	1.0888+0.5208i	-0.6841-0.5983i	-1.9687-1.2360i	1.1128+0.6003i	-2.3539-3.2330i
48.1	-0.8777+0.0516i	24.2740+3.5389i	-1.3431-0.5909i	1.0128+0.3591i	-0.8807-0.4952i	-1.9748-1.0861i	1.0362+0.4448i	-2.0056-3.0956i
48.2	-0.8402+0.1007i	24.5641+3.3532i	-1.4630-0.4198i	0.9263+0.3593i	-0.6833-0.2960i	-2.0051-0.9688i	0.9520+0.4484i	-1.9744-3.5072i
48.3	-0.8452+0.1423i	24.7257+3.0315i	-1.4508-0.3116i	0.9917+0.2373i	-0.5601-0.5362i	-2.0466-0.8351i	1.0192+0.3257i	-2.1690-3.3693i
48.4	-0.7987+0.2069i	24.9621+3.0529i	-1.4872-0.2513i	0.8228+0.1042i	-0.7993-0.5242i	-1.9789-0.7646i	0.8474+0.1921i	-1.8123-3.2870i
48.5	-0.7942+0.2151i	25.2538+2.9970i	-1.5069-0.2097i	0.6929+0.0817i	-0.9474-0.5219i	-1.9574-0.7491i	0.7178+0.1684i	-1.3838-3.4158i
48.6	-0.7682+0.2451i	25.5129+2.6120i	-1.5665-0.0950i	0.5555+0.1697i	-1.3462-0.0679i	-1.9641-0.7180i	0.5836+0.2603i	-1.2379-4.1410i
48.7	-0.7696+0.2211i	25.7823+2.4885i	-1.5241-0.0323i	0.6383+0.3054i	-0.7958+0.6458i	-2.0129-0.7991i	0.6653+0.3854i	-1.6185-4.5131i
48.8	-0.8013+0.2688i	25.7274+2.5098i	-1.4019-0.0511i	0.7317+0.2042i	-0.0058+0.2315i	-2.0293-0.7552i	0.7500+0.2860i	-1.9473-4.2503i
48.9	-0.7590+0.3547i	25.9592+2.3012i	-1.4290-0.0786i	0.5716+0.1385i	-0.1694-0.5679i	-2.0316-0.6422i	0.5903+0.2283i	-1.8339-4.0935i
49.0	-0.6654+0.3608i	26.2671+2.3637i	-1.4367+0.0108i	0.5852+0.2729i	-0.5037-0.4154i	-2.0089-0.5746i	0.6029+0.3588i	-1.9607-4.2916i
49.1	-0.6178+0.3812i	26.4605+2.2753i	-1.4612+0.0600i	0.5546+0.2307i	-0.6991-0.2619i	-1.9930-0.5251i	0.5682+0.3157i	-1.7271-4.3177i
49.2	-0.5901+0.3810i	26.7677+1.9939i	-1.4542+0.1681i	0.5503+0.2657i	-0.5355-0.0637i	-1.9948-0.4604i	0.5598+0.3585i	-1.8739-4.6668i
49.3	-0.5899+0.4099i	26.9724+1.7403i	-1.4441+0.1798i	0.6070+0.1314i	-0.1149-0.3418i	-2.0486-0.3897i	0.6133+0.2309i	-2.1085-4.6247i
49.4	-0.5680+0.4200i	27.1437+1.7480i	-1.4533+0.1603i	0.4833+0.0740i	-0.2661-0.4019i	-2.0317-0.4040i	0.4922+0.1801i	-2.1178-4.7168i
49.5	-0.4958+0.4427i	27.3534+1.7195i	-1.4691+0.2092i	0.3391+0.1542i	-0.5006-0.3605i	-2.0038-0.3660i	0.3570+0.2603i	-2.1819-4.7035i
49.6	-0.4479+0.4282i	27.7964+1.4002i	-1.4904+0.3083i	0.3012+0.2999i	-0.3498-0.1733i	-1.9726-0.3200i	0.3140+0.4052i	-2.3794-4.9811i
49.7	-0.3385+0.4052i	27.9533+1.1931i	-1.4647+0.4453i	0.3146+0.3755i	-0.2329-0.3374i	-1.9815-0.2730i	0.3332+0.4861i	-2.7371-4.9179i

49.8	-0.2979+0.3442i	27.9765+0.9568i	-1.3786+0.5158i	0.3870+0.4119i	-0.1109-0.4345i	-1.9945-0.2310i	0.4093+0.5235i	-2.9796-4.7156i
49.9	-0.3202+0.3169i	28.0989+0.9357i	-1.3322+0.4639i	0.3430+0.3223i	-0.2287-0.8120i	-1.9739-0.1569i	0.3634+0.4329i	-2.6770-4.2771i
50.0	-0.2935+0.2910i	28.5027+0.7164i	-1.3745+0.4795i	0.2395+0.3946i	-0.6448-0.6735i	-1.9353-0.1223i	0.2572+0.5036i	-2.0865-4.4575i
50.1	-0.3212+0.2511i	28.9369+0.2735i	-1.3644+0.5572i	0.3558+0.5156i	-0.3234-0.2526i	-2.0018-0.1458i	0.3678+0.6315i	-2.4824-4.9449i
50.2	-0.3337+0.2562i	29.0024+0.2769i	-1.3168+0.5765i	0.3829+0.5079i	-0.1615-0.3599i	-1.9829-0.0941i	0.3968+0.6257i	-2.6950-4.8581i
50.3	-0.3397+0.2717i	29.2750-0.0048i	-1.3137+0.6165i	0.3847+0.4904i	-0.0332-0.5825i	-1.9768-0.0145i	0.3986+0.6115i	-2.8084-4.7707i
50.4	-0.3180+0.2655i	29.7390-0.0135i	-1.3056+0.6248i	0.3987+0.5049i	0.0223-0.7726i	-1.9740-0.0032i	0.4081+0.6310i	-2.8441-4.7019i
50.5	-0.2806+0.2363i	30.0144-0.3880i	-1.2587+0.6845i	0.4938+0.6043i	-0.1203-0.7627i	-1.9869+0.0032i	0.5061+0.7365i	-2.9649-4.7688i
50.6	-0.2809+0.2174i	29.9147-0.6293i	-1.2263+0.7164i	0.5199+0.5695i	-0.2417-0.8819i	-1.9679+0.0701i	0.5325+0.7029i	-2.9344-4.6753i
50.7	-0.2850+0.2453i	30.1435-0.8760i	-1.2464+0.7283i	0.4649+0.4440i	-0.4171-1.1493i	-1.9423+0.1731i	0.4767+0.5871i	-2.6431-4.5041i
50.8	-0.2609+0.2418i	30.4745-1.2085i	-1.2713+0.7896i	0.3626+0.4490i	-0.5711-1.0010i	-1.9025+0.2240i	0.3698+0.5971i	-2.3090-4.7423i
50.9	-0.2265+0.2456i	30.8059-1.3862i	-1.2768+0.8739i	0.2549+0.5326i	-0.4915-0.7399i	-1.8435+0.2352i	0.2632+0.6904i	-2.3136-5.2475i
51.0	-0.1883+0.2294i	31.0603-1.7233i	-1.2549+0.9487i	0.1763+0.6516i	-0.6321-0.7610i	-1.7894+0.2346i	0.1936+0.8135i	-2.3594-5.4455i
51.1	-0.1808+0.1744i	31.2792-2.0822i	-1.1784+1.0454i	0.2548+0.8218i	-0.4455-0.4249i	-1.7766+0.2093i	0.2760+0.9817i	-2.6861-5.9063i
51.2	-0.2094+0.1984i	31.0865-2.4659i	-1.0552+1.0763i	0.3819+0.7469i	-0.0515-0.9875i	-1.8071+0.2946i	0.4045+0.9120i	-3.1972-5.4390i
51.3	-0.1828+0.2116i	31.2604-2.4963i	-1.0600+1.0238i	0.2095+0.6980i	-0.7672-1.5076i	-1.7177+0.3492i	0.2390+0.8662i	-2.5207-5.1126i
51.4	-0.1316+0.1649i	31.8071-2.8163i	-1.1228+1.1249i	0.0123+0.9589i	-1.6101-0.9981i	-1.6044+0.3355i	0.0472+1.1287i	-1.8329-5.9969i
51.5	-0.1261+0.0905i	32.1176-3.4801i	-1.0429+1.2955i	0.2099+1.3432i	-1.1951+0.0862i	-1.6089+0.2184i	0.2414+1.5180i	-2.3767-7.2007i
51.6	-0.1473+0.0670i	31.9240-3.7900i	-0.8890+1.3636i	0.4728+1.4860i	-0.5769+0.4191i	-1.6417+0.1684i	0.5052+1.6624i	-3.3099-7.4972i
51.7	-0.1552+0.0488i	31.5836-4.3312i	-0.7303+1.4425i	0.7327+1.5666i	-0.1857+0.4428i	-1.6789+0.1841i	0.7741+1.7507i	-4.1166-7.6020i
51.8	-0.1880+0.0602i	31.6714-4.8901i	-0.6290+1.4394i	0.8954+1.4870i	0.1080+0.1063i	-1.7089+0.2415i	0.9419+1.6740i	-4.3972-7.2602i
51.9	-0.1973+0.0857i	31.6410-5.1238i	-0.5304+1.3459i	0.9698+1.2918i	0.2110-0.4283i	-1.6756+0.3084i	1.0152+1.4882i	-4.3168-6.9385i
52.0	-0.1583+0.1140i	31.7741-5.2082i	-0.5392+1.3480i	0.9018+1.3374i	-0.0441-0.1793i	-1.6370+0.2818i	0.9467+1.5358i	-4.3863-7.4920i
52.1	-0.1041+0.0812i	31.6709-5.6289i	-0.4827+1.4073i	0.9712+1.4554i	0.0263-0.0123i	-1.6501+0.2721i	1.0226+1.6549i	-4.7931-7.8163i
52.2	-0.1259+0.0153i	31.2613-6.0629i	-0.3016+1.4475i	1.2751+1.5246i	0.7093+0.1209i	-1.6992+0.2922i	1.3357+1.7337i	-5.9574-7.8191i
52.3	-0.1824+0.0489i	31.1476-6.0965i	-0.1937+1.3349i	1.4343+1.2807i	1.1267-0.6990i	-1.7172+0.3709i	1.4995+1.4906i	-6.2429-6.8964i
52.4	-0.1207+0.0617i	31.3344-6.3670i	-0.2440+1.3044i	1.2875+1.2591i	0.3427-1.1054i	-1.6593+0.4214i	1.3596+1.4775i	-5.7108-7.1624i
52.5	-0.1145+0.0234i	31.1182-6.8069i	-0.2003+1.3507i	1.3914+1.3646i	0.3614-0.6698i	-1.6475+0.4125i	1.4661+1.5893i	-6.3867-7.7013i
52.6	-0.0801+0.0677i	30.6657-7.1537i	-0.1161+1.3187i	1.3887+1.1447i	0.3011-1.5839i	-1.5610+0.5354i	1.4765+1.3734i	-6.6448-6.6679i
52.7	-0.0224+0.0979i	30.7654-7.5779i	-0.1339+1.3308i	1.1840+1.1693i	-0.6021-1.9414i	-1.4527+0.5800i	1.2796+1.4026i	-5.9477-6.5839i
52.8	0.0548+0.0296i	30.5913-7.6422i	-0.0600+1.4173i	1.3846+1.5354i	-0.7172-0.9631i	-1.4450+0.4519i	1.4823+1.7687i	-6.3256-7.6408i
52.9	0.0913-0.0349i	30.1021-7.6841i	0.0761+1.4202i	1.7542+1.5072i	-0.4092-0.6589i	-1.5134+0.4245i	1.8615+1.7509i	-7.0623-7.8485i
53.0	0.1764-0.0575i	29.4373-7.7357i	0.1619+1.5161i	1.7648+1.6479i	-0.3650+0.2640i	-1.4214+0.3503i	1.8910+1.9003i	-7.7449-8.5970i
53.1	0.2333-0.2194i	28.8759-7.3369i	0.4260+1.4979i	2.1886+1.6880i	0.7531+0.2383i	-1.5082+0.2770i	2.3245+1.9316i	-9.3800-8.0089i
53.2	0.1690-0.4001i	28.5460-6.8270i	0.6325+1.3284i	2.5770+1.3892i	1.3669-0.5464i	-1.6220+0.3485i	2.7237+1.6340i	-10.2583-6.9125i
53.3	0.0525-0.4773i	28.6930-6.1449i	0.6803+1.1080i	2.6386+0.9286i	1.1539-1.4607i	-1.6397+0.5022i	2.7999+1.1703i	-10.1872-5.6931i
53.4	-0.1084-0.4752i	29.0699-5.5969i	0.6458+0.9320i	2.4827+0.6269i	0.6761-1.7355i	-1.5557+0.5901i	2.6530+0.8587i	-9.6250-4.9268i
53.5	-0.1653-0.3493i	29.4103-5.2809i	0.5168+0.8828i	2.1164+0.7450i	-0.2106-1.4588i	-1.3496+0.5232i	2.2957+0.9588i	-8.9193-5.0292i
53.6	-0.0637-0.2848i	29.8244-4.9447i	0.5497+0.9110i	2.2992+0.9218i	0.1584-1.1179i	-1.3636+0.4060i	2.4841+1.1375i	-9.5092-5.1260i
53.7	0.0533-0.3953i	30.2534-5.1577i	0.6216+0.8803i	2.5171+0.7182i	0.2485-1.7579i	-1.4751+0.4661i	2.7059+0.9425i	-9.5292-4.5134i
53.8	0.0304-0.5147i	30.4449-5.3846i	0.6554+0.9040i	2.4653+0.7487i	-0.0972-1.0322i	-1.4117+0.4707i	2.6606+0.9705i	-9.2695-5.0403i
53.9	-0.0197-0.5914i	30.3569-5.0704i	0.7716+0.8129i	2.6609+0.6025i	0.5759-1.2386i	-1.4407+0.5069i	2.8640+0.8216i	-9.9464-4.7512i
54.0	-0.1163-0.6109i	30.5530-4.8991i	0.7932+0.6685i	2.6775+0.3245i	0.5675-2.1352i	-1.4115+0.5807i	2.8888+0.5496i	-10.0338-3.9972i
54.1	-0.1670-0.6801i	31.1928-4.8679i	0.7530+0.5936i	2.5700+0.2126i	-0.2276-2.3544i	-1.3499+0.5814i	2.7962+0.4327i	-9.7813-3.6616i
54.2	-0.2089-0.7240i	31.9969-4.8532i	0.6252+0.5834i	2.2706+0.2703i	-1.2399-1.7205i	-1.1924+0.5263i	2.5043+0.4848i	-9.1789-4.2182i
54.3	-0.2217-0.8373i	32.0517-4.9447i	0.7385+0.6696i	2.5618+0.5892i	-0.5830-0.6633i	-1.2927+0.3255i	2.8125+0.7962i	-10.4695-4.9090i
54.4	-0.3717-0.8637i	32.6677-4.3898i	0.8124+0.5182i	2.8080+0.3116i	0.0365-1.1733i	-1.4105+0.3746i	3.0623+0.5020i	-10.9630-3.7121i
54.5	-0.5235-0.8958i	33.4263-4.4905i	0.7855+0.3895i	2.7538-0.0291i	-0.1167-1.8582i	-1.3825+0.5262i	3.0124+0.1569i	-10.6858-2.8029i
54.6	-0.6166-0.8652i	33.9637-5.2070i	0.7393+0.3883i	2.6074-0.1128i	-0.6696-1.9841i	-1.2991+0.5828i	2.8707+0.0711i	-10.2749-2.6557i
54.7	-0.7321-0.8300i	34.6075-4.9121i	0.6145+0.3279i	2.2644-0.2645i	-1.6380-2.1035i	-1.1128+0.6482i	2.5336-0.0878i	-9.4475-2.4734i
54.8	-0.8165-0.7870i	34.8955-5.4310i	0.6136+0.4906i	2.1744+0.2099i	-1.8102-0.4080i	-0.9965+0.3648i	2.4566+0.3758i	-9.7399-3.6178i
54.9	-0.9148-0.7503i	35.3470-5.5448i	0.7681+0.4395i	2.5617+0.1353i	-0.5449-0.4927i	-1.1829+0.3267i	2.8387+0.2909i	-10.6966-3.0487i
55.0	-1.0334-0.6441i	36.1817-5.3123i	0.8081+0.3284i	2.6240-0.0920i	-0.2450-1.0675i	-1.2032+0.3702i	2.9036+0.0523i	-10.7659-2.1876i
55.1	-1.0507-0.4835i	36.6715-5.5061i	0.7906+0.2527i	2.5024-0.2162i	-0.6614-1.3260i	-1.1315+0.3768i	2.7903-0.0830i	-10.4048-1.8295i
55.2	-1.0687-0.4092i	37.0316-6.1362i	0.8288+0.2769i	2.5770-0.1586i	-0.7924-1.0962i	-1.1570+0.3281i	2.8703-0.0315i	-10.7256-1.7835i
55.3	-1.1260-0.3725i	37.7990-6.7485i	0.8352+0.2699i	2.5860-0.1562i	-0.9107-1.0211i	-1.1673+0.3084i	2.8800-0.0353i	-10.7113-1.6873i
55.4	-1.1177-0.2542i	38.7658-6.8819i	0.7920+0.2058i	2.4466-0.2353i	-1.3258-0.9887i	-1.1235+0.3045i	2.7461-0.1226i	-10.1929-1.3671i
55.5	-1.0562-0.1307i	38.9396-6.9693i	0.8050+0.2310i	2.4404-0.0221i	-1.3476-0.1525i	-1.0956+0.1741i	2.7379+0.0702i	-10.0348-1.5813i
55.6	-1.0526-0.1511i	39.4917-7.5489i	0.9892+0.2309i	2.8953+0.0208i	-0.1203+0.0938i	-1.2431+0.1070i	3.1809+0.1107i	-10.9541-1.6848i
55.7	-1.1280-0.0204i	40.0503-8.0566i	1.0002+0.0685i	2.8787-0.3532i	-0.1482-0.7371i	-1.2372+0.2082i	3.1771-0.2665i	-11.1193-0.7888i
55.8	-1.0640+0.0947i	40.4246-8.6452i	0.9661-0.0170i	2.7940-0.4847i	-0.3863-0.9136i	-1.2369+0.2075i	3.0962-0.4081i	-10.8422-0.3583i
55.9	-1.0258+0.1922i	41.1065-9.5120i	0.9607-0.0710i	2.7223-0.5010i	-0.5952-0.7272i	-1.2181+0.1420i	3.0180-0.4369i	-10.4941-0.1986i
56.0	-0.9592+0.3107i	41.8859-10.2095i	0.8703-0.0517i	2.4115-0.3164i	-1.3602-0.1632i	-1.0703+0.0491i	2.7049-0.2621i	-9.8189-0.5531i

56.1	-0.7857+0.2903i	42.0116-10.9068i	1.0057+0.0062i	2.8020-0.0328i	-0.3543+0.7142i	-1.2130-0.1343i	3.0869+0.0059i	-10.5473-0.9915i
56.2	-0.7861+0.2215i	42.4564-11.9918i	1.1632-0.1689i	3.3300-0.4616i	0.9624-0.1495i	-1.4776-0.0298i	3.6093-0.4248i	-11.5624-0.0260i
56.3	-0.7659+0.2869i	42.5001-13.0072i	1.1393-0.3437i	3.2732-0.8208i	0.8872-0.8765i	-1.5107+0.0810i	3.5627-0.7884i	-11.4159+0.8202i
56.4	-0.6786+0.2538i	42.8391-13.4728i	1.1441-0.4398i	3.2603-0.9118i	0.8236-0.9580i	-1.5277+0.0472i	3.5489-0.8884i	-11.2205+1.1134i
56.5	-0.6195+0.2326i	43.3220-13.7869i	1.1062-0.5200i	3.2119-0.9797i	0.8100-1.0187i	-1.5546+0.0157i	3.4922-0.9649i	-10.9227+1.3898i
56.6	-0.5552+0.2820i	44.0119-14.3086i	1.0226-0.5795i	3.1121-0.9461i	0.5637-0.9178i	-1.5692-0.0790i	3.3860-0.9463i	-10.4526+1.5632i
56.7	-0.5406+0.3728i	44.5882-15.5400i	1.0079-0.6645i	3.1329-1.0271i	0.6466-1.0061i	-1.6052-0.1071i	3.4000-1.0348i	-10.3787+1.7625i
56.8	-0.4657+0.3971i	44.5368-16.6009i	0.9601-0.7393i	3.0548-1.1654i	0.4690-1.2674i	-1.6041-0.0612i	3.3252-1.1784i	-10.1066+2.0810i
56.9	-0.4085+0.3859i	44.6525-18.6055i	0.9332-0.7952i	3.1217-1.2818i	0.5484-1.3535i	-1.7169-0.0358i	3.3858-1.2941i	-9.9963+2.1915i
57.0	-0.3413+0.3278i	44.9227-19.2932i	0.8666-0.8189i	3.0404-1.2372i	0.3090-1.1682i	-1.7440-0.0882i	3.2950-1.2596i	-9.5430+2.1051i
57.1	-0.2851+0.2918i	45.3525-20.0790i	0.7115-0.7881i	2.7960-1.0715i	-0.4569-0.7300i	-1.7205-0.1581i	3.0466-1.1086i	-8.8042+1.8373i
57.2	-0.0496+0.2013i	45.5639-22.3298i	0.8527-0.6392i	3.3753-0.6057i	0.9557+0.8201i	-2.0265-0.3619i	3.5987-0.6486i	-9.5026+0.8733i
57.3	-0.0406+0.0592i	45.3816-22.7383i	0.9368-0.7405i	3.7275-0.9259i	2.0986-0.0524i	-2.2085-0.2347i	3.9363-0.9597i	-10.0209+1.3910i
57.4	0.0048+0.0238i	45.3400-24.0004i	0.9110-0.8922i	3.7927-1.2863i	2.1694-1.0750i	-2.3139-0.1256i	3.9918-1.3238i	-9.8916+2.1846i
57.5	-0.0332-0.0236i	44.9546-25.4897i	0.8436-1.0041i	3.6885-1.5924i	1.8353-1.6987i	-2.3435+0.0105i	3.8804-1.6209i	-9.6154+2.5317i
57.6	0.0064-0.0853i	45.0114-27.0123i	0.7825-1.0785i	3.6573-1.8231i	1.7422-2.0838i	-2.4208+0.1368i	3.8465-1.8439i	-9.2885+2.6653i
57.7	0.0030-0.2410i	44.1063-28.0881i	0.7242-1.1015i	3.5905-1.9580i	1.4899-2.2189i	-2.4227+0.2442i	3.7731-1.9822i	-8.8649+2.7650i
57.8	-0.0512-0.3218i	44.0330-30.3439i	0.7314-1.1697i	3.7233-2.1405i	1.6337-2.4033i	-2.5413+0.3384i	3.8944-2.1549i	-8.9315+2.7186i
57.9	-0.0628-0.4188i	43.4561-31.8342i	0.6716-1.2457i	3.6780-2.3005i	1.5500-2.6295i	-2.5668+0.4111i	3.8476-2.3107i	-8.7175+2.7718i
58.0	-0.0271-0.5353i	41.7625-33.3734i	0.6232-1.3373i	3.5850-2.5649i	1.4024-3.0147i	-2.5446+0.5375i	3.7470-2.5743i	-8.4680+3.0028i
58.1	-0.1143-0.6259i	41.6030-35.5539i	0.5802-1.3587i	3.5579-2.6945i	1.3461-3.1051i	-2.5745+0.6221i	3.7104-2.6956i	-8.3354+2.9038i
58.2	-0.3333-0.6773i	39.1621-37.9098i	0.4728-1.4943i	3.4114-3.0760i	1.1235-3.5669i	-2.5635+0.8320i	3.5663-3.0643i	-8.1956+3.0728i
58.3	-0.4880-0.6421i	35.7186-38.1968i	0.3759-1.5768i	3.1808-3.2917i	0.8024-3.7617i	-2.4830+0.9459i	3.3434-3.2733i	-7.9546+3.1194i
58.4	-0.4973-0.5136i	33.3253-40.1369i	0.2956-1.6353i	3.0093-3.4817i	0.7323-4.0302i	-2.4347+1.0625i	3.1686-3.4512i	-7.9144+3.0660i
58.5	-0.3708-0.6011i	31.3165-42.2183i	0.1951-1.6061i	2.8535-3.4459i	0.6505-3.9335i	-2.3862+1.0883i	3.0098-3.4016i	-7.9450+2.6696i
58.6	-0.5045-0.7609i	27.1013-41.7072i	0.0956-1.6647i	2.7228-3.6610i	0.5684-4.3544i	-2.3597+1.1951i	2.8886-3.6109i	-8.0718+2.9185i
58.7	-0.7126-0.7948i	25.6272-40.8851i	-0.0251-1.6763i	2.5454-3.7618i	0.3265-4.6853i	-2.3418+1.2540i	2.7076-3.7053i	-7.7603+3.0294i
58.8	-0.8072-0.7546i	23.2029-41.8094i	-0.1609-1.6739i	2.2414-3.8212i	-0.1419-4.9785i	-2.2371+1.3179i	2.4077-3.7486i	-7.5244+2.8937i
58.9	-0.8751-0.8176i	19.3652-41.7344i	-0.2278-1.6585i	2.0890-3.8140i	-0.4948-5.0822i	-2.1784+1.3389i	2.2650-3.7303i	-7.4881+2.7074i
59.0	-1.0271-0.7234i	16.3765-38.8684i	-0.3885-1.5791i	1.7754-3.6913i	-1.0958-5.0795i	-2.0789+1.3332i	1.9629-3.6014i	-7.2135+2.4277i
59.1	-1.1645-0.5730i	15.2192-37.7412i	-0.4785-1.5162i	1.6297-3.6114i	-1.4464-5.0035i	-2.0433+1.3378i	1.8216-3.5048i	-7.1798+2.0993i
59.2	-1.1823-0.4234i	13.9545-34.8088i	-0.5954-1.4382i	1.4189-3.4548i	-1.9619-4.8705i	-1.9633+1.2928i	1.6213-3.3372i	-7.1385+1.7424i
59.3	-1.2033-0.3435i	11.7021-32.4831i	-0.6548-1.3495i	1.3264-3.3073i	-2.3563-4.7445i	-1.9290+1.2667i	1.5455-3.1926i	-7.2993+1.5103i
59.4	-1.2320-0.2052i	10.7215-28.6197i	-0.7291-1.2199i	1.1887-3.0532i	-2.8965-4.4428i	-1.8688+1.2021i	1.4288-2.9407i	-7.4421+1.2498i
59.5	-1.2447-0.1027i	9.9711-26.5373i	-0.7991-1.1037i	1.1007-2.8382i	-3.3460-4.2537i	-1.8433+1.1514i	1.3651-2.7176i	-7.6592+0.9096i
59.6	-1.2075+0.0219i	9.7549-23.2969i	-0.7663-0.9716i	1.2172-2.6549i	-3.6211-3.7988i	-1.8774+1.1222i	1.5079-2.5376i	-8.2352+0.8036i
59.7	-1.1235+0.1661i	10.9364-19.6371i	-0.7539-0.8368i	1.3023-2.4351i	-3.8734-3.3280i	-1.9050+1.0649i	1.6120-2.3267i	-8.6384+0.7256i
59.8	-1.0812+0.2236i	12.9620-18.1869i	-0.6843-0.7185i	1.5883-2.2236i	-3.9093-2.8504i	-2.0293+0.9990i	1.9188-2.1193i	-9.2150+0.5539i
59.9	-1.0381+0.1494i	13.2379-17.5099i	-0.5786-0.6380i	1.8799-2.1545i	-3.9158-2.4342i	-2.1458+0.9992i	2.2308-2.0628i	-9.7727+0.7053i
60.0	-0.9458+0.0766i	15.0417-15.4087i	-0.4727-0.5563i	2.1417-2.0466i	-3.9291-1.8469i	-2.2345+0.9653i	2.5180-1.9694i	-10.2974+1.0114i
60.1	-0.8825+0.0494i	17.2119-13.5892i	-0.3430-0.5035i	2.3972-2.0193i	-3.8572-1.3769i	-2.2911+0.9605i	2.7680-1.9748i	-10.6186+1.3964i
60.2	-0.8943+0.0291i	18.6903-12.2866i	-0.1737-0.5130i	2.7832-2.2007i	-3.6144-0.9326i	-2.4071+1.0536i	3.1599-2.1946i	-11.0674+2.0171i
60.3	-0.8653+0.0010i	19.8484-11.6217i	-0.0326-0.5482i	3.1103-2.4591i	-3.4110-0.5255i	-2.5219+1.1748i	3.4981-2.4863i	-11.5338+2.7602i
60.4	-0.9373+0.0414i	21.0521-11.8826i	0.1112-0.6773i	3.3867-2.9848i	-2.9936-0.3166i	-2.6213+1.3902i	3.7745-3.0393i	-11.7956+3.6770i
60.5	-1.0310+0.0675i	23.0956-12.4132i	0.1957-0.7751i	3.5852-3.3088i	-2.5864-0.1537i	-2.6960+1.5070i	3.9544-3.3845i	-11.6412+4.2435i
60.6	-1.0445+0.1099i	24.2467-13.5010i	0.2473-0.8645i	3.7673-3.5957i	-2.2828-0.1117i	-2.7917+1.6141i	4.1294-3.6879i	-11.6910+4.6402i
60.7	-1.0207+0.2199i	24.8470-15.4115i	0.3214-1.0228i	3.8975-4.1525i	-1.9072-0.1298i	-2.8434+1.8590i	4.2437-4.2658i	-11.5931+5.3884i
60.8	-0.9917+0.3312i	24.5219-15.0663i	0.3286-1.2204i	3.7502-4.7385i	-1.5659-0.2666i	-2.7568+2.1070i	4.0769-4.8685i	-11.1418+6.1607i
60.9	-0.8954+0.3330i	26.6796-15.2872i	0.2347-1.2944i	3.4687-4.8929i	-1.4845-0.3833i	-2.6493+2.1278i	3.7746-5.0118i	-10.6256+6.0701i
61.0	-0.8429+0.3146i	26.9624-15.4671i	0.1442-1.4353i	3.1057-5.3272i	-1.2991-0.5234i	-2.5036+2.3015i	3.3950-5.4600i	-10.1027+6.5582i
61.1	-0.7973+0.2695i	26.3934-14.5192i	0.0674-1.5307i	2.7670-5.6075i	-1.1799-0.6132i	-2.3353+2.4071i	3.0344-5.7505i	-9.4955+6.8514i
61.2	-0.8327+0.2753i	25.4235-14.7917i	-0.0217-1.6628i	2.4640-6.0066i	-0.9626-0.7707i	-2.2345+2.5679i	2.7168-6.1543i	-9.0892+7.3234i
61.3	-0.8558+0.2886i	25.6168-14.5888i	-0.1285-1.7321i	2.1541-6.1832i	-0.8599-0.9285i	-2.1186+2.6276i	2.3909-6.3309i	-8.6280+7.5134i
61.4	-0.8818+0.2942i	25.8929-14.1526i	-0.2218-1.8000i	1.9023-6.3652i	-0.7254-1.0331i	-2.0429+2.6809i	2.1229-6.5098i	-8.2133+7.5550i
61.5	-0.8974+0.3736i	25.4657-15.7162i	-0.2824-1.8640i	1.6954-6.6883i	-0.6613-1.1496i	-1.9765+2.8328i	1.9139-6.8301i	-8.0942+7.6692i
61.6	-0.9092+0.4373i	25.1484-16.2687i	-0.3510-1.9006i	1.4565-6.8287i	-0.6689-1.2557i	-1.8957+2.9010i	1.6697-6.9688i	-7.8303+7.7726i
61.7	-0.9021+0.4385i	25.6021-16.6803i	-0.4479-1.8953i	1.1700-6.8348i	-0.7075-1.3291i	-1.7997+2.8912i	1.3706-6.9702i	-7.5192+7.6689i
61.8	-0.8576+0.4393i	25.0224-16.8816i	-0.5079-1.9281i	0.9506-7.0243i	-0.7057-1.4477i	-1.7059+2.9409i	1.1479-7.1484i	-7.3251+7.6021i
61.9	-0.8372+0.4748i	24.9497-15.3117i	-0.6484-1.9302i	0.4922-6.9811i	-0.7300-1.5782i	-1.5239+2.9183i	0.6794-7.1022i	-6.8219+7.5017i
62.0	-0.8238+0.5262i	25.4230-14.1038i	-0.7560-1.9140i	0.1571-6.9664i	-0.7959-1.6670i	-1.4158+2.9288i	0.3363-7.0835i	-6.4982+7.3906i
62.1	-0.8098+0.6025i	25.6451-13.5198i	-0.8458-1.9179i	-0.1370-7.0500i	-0.8241-1.7478i	-1.3230+2.9686i	0.0358-7.1539i	-6.2198+7.2950i
62.2	-0.7612+0.6489i	25.4429-12.9141i	-0.9385-1.9135i	-0.4529-7.0792i	-0.8370-1.7422i	-1.2115+2.9794i	-0.2804-7.1810i	-5.9949+7.2824i
62.3	-0.7501+0.7160i	25.2418-12.9627i	-0.9919-1.9161i	-0.6838-7.1485i	-0.7734-1.7120i	-1.1309+3.0031i	-0.5169-7.2440i	-5.8739+7.2370i

62.4	-0.6584+0.7502i	26.2404-14.1330i	-1.0594-1.8593i	-0.8721-7.1108i	-0.8234-1.7402i	-1.0882+2.9965i	-0.7004-7.1939i	-5.8670+7.0252i
62.5	-0.5537+0.7957i	26.7154-12.4215i	-1.1779-1.8168i	-1.3173-6.9479i	-0.9772-1.7763i	-0.9037+2.9437i	-1.1462-7.0277i	-5.4785+6.9605i
62.6	-0.4635+0.8035i	27.8077-12.4241i	-1.2294-1.7693i	-1.4986-6.8367i	-0.9378-1.7515i	-0.8505+2.8891i	-1.3314-6.9149i	-5.3659+6.7809i
62.7	-0.3907+0.7849i	28.8787-11.6935i	-1.2757-1.7216i	-1.6921-6.7154i	-0.8870-1.7204i	-0.7740+2.8163i	-1.5329-6.7912i	-5.1211+6.5721i
62.8	-0.3090+0.7875i	29.0137-12.5613i	-1.3117-1.6934i	-1.8925-6.7383i	-0.8923-1.7438i	-0.7181+2.8428i	-1.7294-6.8094i	-5.1696+6.4606i
62.9	-0.2611+0.7548i	28.4056-13.5987i	-1.3423-1.6714i	-2.0595-6.7913i	-0.7526-1.7170i	-0.7204+2.8591i	-1.8914-6.8578i	-5.3160+6.3921i
63.0	-0.1814+0.6837i	27.2197-12.6786i	-1.4206-1.6198i	-2.4104-6.6861i	-0.7686-1.7200i	-0.6043+2.8319i	-2.2380-6.7553i	-5.1857+6.4808i
63.1	-0.1448+0.6452i	29.1288-12.7325i	-1.4460-1.5806i	-2.5496-6.6599i	-0.7360-1.7332i	-0.5719+2.8035i	-2.3784-6.7204i	-5.1789+6.1776i
63.2	-0.1240+0.6246i	30.9677-11.7660i	-1.4584-1.5489i	-2.6736-6.5742i	-0.6741-1.7265i	-0.5314+2.7519i	-2.5065-6.6283i	-5.0835+5.8992i
63.3	-0.0871+0.5737i	31.2607-13.3611i	-1.4772-1.5181i	-2.9142-6.5775i	-0.6529-1.7659i	-0.4902+2.7506i	-2.7381-6.6255i	-5.3087+5.8233i
63.4	-0.0486+0.5244i	32.0862-12.2201i	-1.5323-1.4440i	-3.3212-6.3442i	-0.6311-1.7730i	-0.3474+2.6780i	-3.1456-6.3940i	-5.1799+5.7262i
63.5	-0.0518+0.4784i	31.8725-10.3306i	-1.5719-1.3909i	-3.6904-6.1194i	-0.5210-1.7890i	-0.2253+2.6109i	-3.5188-6.1760i	-5.0081+5.7047i
63.6	-0.0075+0.4562i	30.6741-9.9169i	-1.5952-1.3553i	-3.9506-5.9459i	-0.4782-1.7849i	-0.1410+2.5807i	-3.7767-6.0103i	-4.9374+5.8648i
63.7	-0.0195+0.4572i	32.1530-11.0409i	-1.5851-1.3434i	-4.0421-5.9013i	-0.3325-1.8632i	-0.1645+2.5638i	-3.8603-5.9535i	-5.1350+5.6966i
63.8	-0.0628+0.4344i	33.8569-10.1706i	-1.5819-1.3002i	-4.1971-5.6193i	-0.2500-2.0339i	-0.1409+2.4674i	-4.0220-5.6660i	-5.1174+5.5111i
63.9	-0.0474+0.3972i	34.1974-9.9738i	-1.5818-1.2450i	-4.3765-5.3295i	-0.1735-2.1265i	-0.0909+2.3953i	-4.2068-5.3796i	-5.1224+5.5113i
64.0	-0.0716+0.4117i	35.8531-11.0210i	-1.5588-1.2237i	-4.3939-5.1298i	-0.1368-2.2389i	-0.1229+2.3481i	-4.2186-5.1713i	-5.3024+5.3974i
64.1	-0.0437+0.4509i	36.2623-12.3444i	-1.5594-1.2093i	-4.5810-5.0307i	-0.0535-2.3749i	-0.1228+2.3319i	-4.3944-5.0707i	-5.6005+5.4139i
64.2	-0.0092+0.4522i	37.1765-11.4278i	-1.5376-1.1838i	-4.5626-4.7843i	0.0020-2.4170i	-0.1032+2.2366i	-4.3842-4.8300i	-5.4836+5.3287i
64.3	0.0642+0.4867i	38.3829-10.8480i	-1.5428-1.1815i	-4.5889-4.6000i	0.0319-2.5562i	-0.1007+2.1965i	-4.4070-4.6445i	-5.4316+5.3087i
64.4	0.1007+0.4874i	37.5756-10.0064i	-1.5788-1.2076i	-4.7532-4.5031i	0.0055-2.7908i	-0.0592+2.1823i	-4.5709-4.5460i	-5.4348+5.4250i
64.5	0.1390+0.4673i	39.5315-11.4185i	-1.5514-1.2324i	-4.8292-4.4269i	0.0646-3.0722i	-0.0571+2.1677i	-4.6469-4.4586i	-5.6026+5.4173i
64.6	0.1904+0.4353i	40.7293-10.7210i	-1.5536-1.2245i	-4.9385-4.3036i	0.1383-3.2228i	-0.0405+2.1159i	-4.7593-4.3371i	-5.5772+5.3892i
64.7	0.2347+0.4601i	42.7600-11.9264i	-1.5559-1.2430i	-4.9492-4.2870i	0.0899-3.3697i	-0.0804+2.0976i	-4.7642-4.3144i	-5.7499+5.2452i
64.8	0.2688+0.4310i	43.3113-10.7899i	-1.5829-1.2396i	-5.0751-4.0283i	0.0696-3.5541i	-0.0411+2.0140i	-4.8985-4.0535i	-5.5637+5.2492i
64.9	0.3292+0.4110i	42.2503-9.8394i	-1.6068-1.2537i	-5.3218-3.8775i	0.1061-3.7511i	0.0177+1.9614i	-5.1494-3.9044i	-5.4837+5.3447i
65.0	0.4293+0.4231i	43.1816-11.0864i	-1.6354-1.2849i	-5.4283-3.8742i	0.0797-3.9355i	-0.0059+1.9431i	-5.2501-3.8886i	-5.6751+5.2907i
65.1	0.4656+0.4219i	44.0981-10.7067i	-1.6451-1.3023i	-5.5336-3.7019i	0.0977-4.1623i	-0.0344+1.8634i	-5.3607-3.7131i	-5.7111+5.1964i
65.2	0.5516+0.3477i	43.1338-11.0534i	-1.7092-1.2930i	-5.8446-3.4134i	-0.0608-4.3825i	0.0093+1.8343i	-5.6632-3.4340i	-5.7524+5.5618i
65.3	0.6653+0.2730i	43.4829-13.9854i	-1.7783-1.3152i	-6.0495-3.2486i	-0.2391-4.6606i	-0.0153+1.8157i	-5.8496-3.2633i	-6.0340+5.7278i
65.4	0.7707+0.2439i	44.5836-12.2884i	-1.8259-1.2885i	-6.1571-3.0217i	-0.4281-4.8387i	-0.0337+1.7375i	-5.9594-3.0310i	-5.9653+5.6491i
65.5	0.8145+0.1934i	48.2957-11.9168i	-1.8199-1.2617i	-6.1526-2.8142i	-0.5565-5.0284i	-0.1381+1.6784i	-5.9558-2.8085i	-6.0123+5.4243i
65.6	0.8717+0.0633i	47.5414-12.8094i	-1.8599-1.2618i	-6.4030-2.5965i	-0.7312-5.2221i	-0.1782+1.6620i	-6.1978-2.5923i	-6.2359+5.6517i
65.7	1.0129-0.0165i	50.0320-14.7512i	-1.8962-1.3056i	-6.7012-2.3702i	-0.8706-5.5971i	-0.2433+1.6870i	-6.4855-2.3534i	-6.6101+5.6727i
65.8	1.0215-0.1112i	51.1634-11.1781i	-1.8784-1.2818i	-6.6284-1.9003i	-0.9450-5.6567i	-0.2812+1.6158i	-6.4153-1.8790i	-6.3077+5.6285i
65.9	1.1282-0.2047i	51.1616-13.1054i	-1.9329-1.2982i	-6.7272-1.6506i	-1.1537-5.7784i	-0.3292+1.6363i	-6.4982-1.6267i	-6.5721+5.7812i
66.0	1.2293-0.3344i	53.2038-14.3768i	-1.9839-1.3027i	-6.7767-1.2443i	-1.4331-5.9963i	-0.4132+1.6735i	-6.5369-1.2217i	-6.8110+5.9971i
66.1	1.2919-0.5520i	53.4664-15.6323i	-2.0348-1.2840i	-6.7882-0.7031i	-1.7693-6.1944i	-0.4459+1.7059i	-6.5366-0.6893i	-6.8561+6.3747i
66.2	1.3445-0.7250i	54.5548-16.1559i	-2.0615-1.2853i	-6.6359-0.3267i	-1.9792-6.3307i	-0.4861+1.6954i	-6.3785-0.3057i	-6.8035+6.4484i
66.3	1.4211-0.8994i	57.5306-15.6606i	-2.1189-1.3111i	-6.6698-0.0413i	-2.2622-6.6474i	-0.5508+1.7366i	-6.4000-0.0101i	-6.9339+6.4506i
66.4	1.4404-1.1256i	60.0110-14.3573i	-2.1734-1.2913i	-6.5343+0.4018i	-2.6025-6.7905i	-0.6035+1.7845i	-6.2575+0.4384i	-6.8980+6.5320i
66.5	1.3715-1.3366i	61.2236-15.3790i	-2.2160-1.2735i	-6.2693+0.7335i	-2.9938-6.7735i	-0.6216+1.8283i	-5.9827+0.7645i	-6.9377+6.6992i
66.6	1.2896-1.5862i	59.0045-20.1039i	-2.2824-1.2868i	-6.1034+1.0137i	-3.3789-6.8470i	-0.6464+1.9341i	-5.7920+1.0294i	-7.1277+7.1644i
66.7	1.2313-1.7547i	59.0179-20.6729i	-2.3175-1.2934i	-5.9112+1.2455i	-3.5868-6.9029i	-0.6685+2.0189i	-5.5922+1.2617i	-7.0543+7.2763i
66.8	1.1153-1.9698i	64.2683-20.4132i	-2.3319-1.2823i	-5.4711+1.4341i	-3.8329-6.9477i	-0.7148+2.0540i	-5.1506+1.4649i	-6.9967+7.0655i
66.9	0.9594-2.0989i	65.0180-21.1350i	-2.3408-1.2468i	-5.1567+1.6570i	-4.1066-6.7414i	-0.6486+2.0803i	-4.8395+1.6780i	-6.7929+7.1773i
67.0	0.8221-2.3044i	67.1357-23.0599i	-2.4206-1.2755i	-4.9096+1.7650i	-4.5227-6.9127i	-0.6572+2.1980i	-4.5703+1.7956i	-7.0053+7.3092i
67.1	0.6133-2.4482i	68.4628-23.3661i	-2.4501-1.2519i	-4.6425+1.9077i	-4.8684-6.8328i	-0.5879+2.2564i	-4.2881+1.9326i	-6.9611+7.4778i
67.2	0.4336-2.6063i	68.4548-22.5260i	-2.5000-1.2658i	-4.3979+2.0544i	-5.0508-6.8475i	-0.5351+2.2849i	-4.0367+2.0740i	-6.7918+7.5664i
67.3	0.2034-2.7273i	71.1993-23.3781i	-2.5575-1.2608i	-4.0542+2.0989i	-5.3288-6.7414i	-0.5045+2.3585i	-3.6779+2.1106i	-6.8318+7.7729i
67.4	0.0494-2.8080i	74.4401-26.3256i	-2.6132-1.2931i	-3.8872+2.1568i	-5.6238-6.7783i	-0.4674+2.3702i	-3.4879+2.1703i	-7.0713+7.8182i
67.5	-0.1944-2.8541i	76.8843-27.4877i	-2.6753-1.3068i	-3.6253+2.2403i	-5.9543-6.7709i	-0.3823+2.3463i	-3.2164+2.2513i	-7.0345+7.8128i
67.6	-0.4074-2.8235i	76.6464-29.8364i	-2.7258-1.2922i	-3.4276+2.2394i	-6.2333-6.5745i	-0.3065+2.3630i	-3.0091+2.2385i	-6.9612+7.9656i
67.7	-0.6261-2.7808i	78.0809-32.0825i	-2.8080-1.2743i	-3.1484+2.2068i	-6.4663-6.4298i	-0.2667+2.3961i	-2.7112+2.1964i	-6.9830+8.2064i
67.8	-0.7744-2.7905i	82.4249-32.0481i	-2.8751-1.2534i	-2.9062+2.2453i	-6.6489-6.3869i	-0.2184+2.3411i	-2.4617+2.2246i	-7.0039+8.2714i
67.9	-0.9471-2.8163i	83.1955-35.1153i	-2.9604-1.2746i	-2.6623+2.2779i	-6.8814-6.4190i	-0.2199+2.2864i	-2.2091+2.2568i	-7.0858+8.3398i
68.0	-1.0457-2.8002i	86.7602-37.9709i	-3.0290-1.2801i	-2.4435+2.2395i	-7.0528-6.5398i	-0.2099+2.2682i	-1.9872+2.2175i	-7.1246+8.4253i
68.1	-1.1541-2.6771i	85.6446-40.5773i	-3.0605-1.2353i	-2.2653+2.1282i	-7.2365-6.3156i	-0.1539+2.2759i	-1.8092+2.0826i	-6.9085+8.7162i
68.2	-1.3276-2.6003i	83.8835-43.3182i	-3.1545-1.1975i	-1.9895+2.0560i	-7.5741-6.2090i	-0.1576+2.2515i	-1.5276+1.9966i	-6.7293+8.9791i
68.3	-1.5479-2.6440i	88.1389-49.4693i	-3.2769-1.1594i	-1.7175+2.0497i	-8.1000-6.1507i	-0.2162+2.2408i	-1.2310+1.9793i	-6.9290+9.2426i
68.4	-1.6338-2.6915i	86.8033-52.2253i	-3.3722-1.1491i	-1.6098+2.0451i	-8.2247-6.0620i	-0.2546+2.2603i	-1.1163+1.9589i	-7.0127+9.5666i
68.5	-1.7135-2.6977i	90.2180-55.7099i	-3.4698-1.1936i	-1.4051+1.8896i	-8.5753-6.2196i	-0.3016+2.2142i	-0.9010+1.8065i	-7.0212+9.4386i
68.6	-1.8935-2.6061i	89.1511-61.5445i	-3.5452-1.1370i	-1.1655+1.7346i	-8.9949-6.0017i	-0.3141+2.2343i	-0.6490+1.6310i	-6.8581+9.6395i

68.7	-2.0820-2.5208i	88.0816-65.8588i	-3.6288-1.0796i	-0.9279+1.6201i	-9.3805-5.8929i	-0.3418+2.2667i	-0.4044+1.5084i	-6.7296+9.8032i
68.8	-2.1901-2.4845i	91.4223-66.2807i	-3.7205-1.0371i	-0.7775+1.5187i	-9.7022-5.8570i	-0.3319+2.2743i	-0.2512+1.4047i	-6.6429+9.7906i
68.9	-2.3279-2.4940i	95.2325-76.1349i	-3.8914-1.0995i	-0.6245+1.3049i	-10.2803-5.9298i	-0.4369+2.2640i	-0.0613+1.1886i	-7.0159+9.7535i
69.0	-2.4904-2.4005i	93.2120-78.8733i	-4.0111-1.0218i	-0.4860+1.1136i	-10.7085-5.7305i	-0.4484+2.2889i	0.0869+0.9888i	-6.8687+9.8669i
69.1	-2.6486-2.2549i	85.2439-80.9083i	-4.1309-0.8650i	-0.3888+0.9477i	-11.0296-5.2878i	-0.4539+2.4015i	0.1854+0.7908i	-6.6578+10.2493i
69.2	-2.7809-2.1947i	86.6863-91.2554i	-4.2758-0.8354i	-0.2080+0.7705i	-11.6207-5.2861i	-0.4891+2.4241i	0.3928+0.6048i	-6.7585+10.2513i
69.3	-2.8639-2.0544i	89.1700-94.6062i	-4.3600-0.7371i	-0.0585+0.5500i	-12.1130-5.0132i	-0.5364+2.4486i	0.5648+0.3778i	-6.8144+10.1450i
69.4	-2.9805-1.9031i	78.7428-97.8591i	-4.5341-0.5481i	0.0021+0.3545i	-12.8218-4.3873i	-0.5919+2.5841i	0.6401+0.1441i	-6.9996+10.5694i
69.5	-2.9985-1.7604i	73.9743-103.3766i	-4.5727-0.4384i	0.1020+0.1331i	-13.1780-3.8404i	-0.5999+2.6593i	0.7530-0.1131i	-7.0954+10.8206i
69.6	-3.0093-1.7297i	69.0616-104.7298i	-4.7019-0.3694i	0.2006-0.1093i	-13.4944-3.6300i	-0.6674+2.7634i	0.8631-0.3749i	-7.2982+11.0318i
69.7	-2.9000-1.7184i	68.6093-105.6621i	-4.6279-0.3199i	0.1826-0.3186i	-13.1871-3.3388i	-0.5806+2.7532i	0.8194-0.5937i	-6.9837+10.9303i
69.8	-2.9485-1.7353i	63.6864-104.8432i	-4.7079-0.1684i	0.2001-0.5463i	-13.5187-2.8322i	-0.5885+2.8987i	0.8496-0.8516i	-7.0462+11.3327i
69.9	-3.1082-1.7406i	58.8270-106.1833i	-4.8317+0.0186i	0.2744-0.9790i	-14.0053-2.1742i	-0.6089+3.1586i	0.9325-1.3277i	-7.1494+11.9369i
70.0	-3.3573-1.8459i	53.1819-110.3366i	-5.0308+0.0585i	0.2519-1.2967i	-14.6841-1.9535i	-0.6555+3.3043i	0.9339-1.6710i	-7.5487+12.2069i
70.1	-3.4552-1.9405i	52.7882-113.3640i	-5.1592-0.0835i	0.1926-1.6327i	-15.0658-2.1892i	-0.7035+3.3071i	0.8930-1.9916i	-7.8941+11.8839i
70.2	-3.6400-1.8111i	50.5543-113.2463i	-5.2310+0.0381i	-0.0462-1.9801i	-15.3020-1.5436i	-0.5278+3.4233i	0.6507-2.3683i	-7.6508+12.1820i
70.3	-3.9094-1.7536i	46.7435-112.2612i	-5.3847+0.1551i	-0.2470-2.3537i	-15.7795-1.1346i	-0.4157+3.6039i	0.4565-2.7628i	-7.6958+12.5916i
70.4	-4.1827-1.5132i	39.0390-109.0709i	-5.4670+0.4565i	-0.5366-2.7192i	-15.9645-0.0070i	-0.1612+3.8879i	0.1431-3.1922i	-7.4037+13.5991i
70.5	-4.3739-1.2774i	34.8604-104.8444i	-5.6313+0.6919i	-0.8571-2.9430i	-16.2818+0.8437i	0.0149+4.0920i	-0.1750-3.4542i	-7.4018+14.3192i
70.6	-4.4859-1.0517i	34.9823-102.5465i	-5.7708+0.8618i	-1.2356-3.1165i	-16.6096+1.3602i	0.1494+4.1171i	-0.5425-3.6447i	-7.4772+14.4450i
70.7	-4.5429-0.7980i	34.6473-101.4199i	-5.8686+1.0937i	-1.7395-3.0841i	-16.8251+2.0673i	0.4272+4.0398i	-1.0524-3.6443i	-7.1689+14.7533i
70.8	-4.6620-0.5940i	29.8618-100.5942i	-6.0620+1.3492i	-2.1029-3.1776i	-17.3476+2.8736i	0.5812+4.0815i	-1.4087-3.7767i	-7.3427+15.2689i
70.9	-4.7468-0.4097i	27.6618-99.9706i	-6.1720+1.5892i	-2.3577-3.2443i	-17.6953+3.5520i	0.6793+4.1080i	-1.6530-3.8717i	-7.4954+15.7859i
71.0	-4.7089-0.1740i	30.8557-96.6532i	-6.0851+1.8797i	-2.6038-3.1224i	-17.4940+4.5232i	0.8436+4.0358i	-1.9194-3.7844i	-7.0776+16.2283i
71.1	-4.6604+0.0837i	32.8273-95.2869i	-5.9098+2.1988i	-2.7330-3.0049i	-17.0094+5.7484i	0.9972+3.9365i	-2.0885-3.7157i	-6.3817+16.8410i
71.2	-4.6823+0.2054i	36.7691-93.1284i	-5.9243+2.3399i	-2.9432-3.0748i	-17.0754+6.1982i	1.0475+3.8871i	-2.2967-3.8006i	-6.3657+17.1052i
71.3	-4.7531+0.4823i	34.1137-96.2242i	-6.0614+2.7574i	-3.4095-3.1337i	-17.5074+7.8249i	1.1005+3.9909i	-2.7527-3.9368i	-6.5654+18.2946i
71.4	-4.7972+0.5717i	35.7294-99.0901i	-6.1848+2.8525i	-3.7171-3.2580i	-17.5748+8.1993i	1.1159+3.9691i	-3.0537-4.0708i	-6.5578+18.4818i
71.5	-4.7666+0.8095i	39.5640-101.7406i	-6.1072+3.1244i	-4.0475-3.1872i	-17.1795+9.2269i	1.2655+3.9389i	-3.4061-4.0365i	-5.9698+19.0682i
71.6	-4.6769+1.0217i	40.2997-103.3902i	-6.0169+3.3183i	-4.4758-3.1223i	-16.4919+10.0120i	1.3893+3.8027i	-3.8634-3.9997i	-5.2282+19.2381i
71.7	-4.7120+1.2226i	41.0249-104.3335i	-6.0651+3.7241i	-4.8800-2.9308i	-16.4771+11.1076i	1.4127+3.8823i	-4.2660-3.8606i	-5.1404+20.1594i
71.8	-4.7792+1.4337i	40.6074-109.7935i	-6.1155+4.2001i	-5.2940-2.6756i	-16.6085+12.4625i	1.4468+4.0200i	-4.6748-3.6797i	-5.0836+21.4216i
71.9	-4.6670+1.7188i	41.5466-112.6143i	-5.9302+4.6532i	-5.7630-2.2815i	-15.7384+13.6883i	1.6197+4.0213i	-5.1936-3.3498i	-4.0813+22.1995i
72.0	-4.6231+1.8140i	40.8103-112.1017i	-5.8331+4.8344i	-5.9486-2.0111i	-15.2056+14.0869i	1.6866+3.9731i	-5.4187-3.1005i	-3.4834+22.4462i
72.1	-4.3871+2.0210i	36.6982-115.8551i	-5.3759+5.1197i	-6.0690-1.5440i	-13.6430+14.9532i	1.8706+3.9022i	-5.6250-2.6646i	-1.9732+22.6974i
72.2	-4.3048+2.2772i	32.3286-119.8251i	-5.1144+5.5918i	-6.2996-0.9125i	-12.6594+16.3137i	2.0161+3.9379i	-5.9116-2.1070i	-0.9334+23.5391i
72.3	-4.2794+2.4446i	32.3396-122.4591i	-4.9786+5.9691i	-6.4793-0.4776i	-12.2438+17.3415i	2.0411+4.0216i	-6.1181-1.7276i	-0.4784+24.2360i
72.4	-4.2792+2.6282i	28.4246-126.3143i	-4.7610+6.4236i	-6.5561-0.0577i	-11.4672+18.7122i	2.1026+4.2676i	-6.2376-1.3848i	0.1619+25.4476i
72.5	-4.1827+2.8350i	22.9581-133.2553i	-4.3632+6.7638i	-6.4949+0.5498i	-10.1610+19.6106i	2.3141+4.3229i	-6.2504-0.8287i	1.4289+26.0296i
72.6	-4.1210+2.9081i	21.7332-136.0864i	-4.2003+6.8454i	-6.5051+0.8572i	-9.6929+19.5103i	2.4177+4.2226i	-6.2911-0.5131i	1.9180+25.7498i
72.7	-4.0053+3.0811i	18.2530-138.6531i	-3.8569+7.0487i	-6.3263+1.2952i	-8.7711+19.8523i	2.5176+4.1446i	-6.1653-0.0942i	2.8540+25.7206i
72.8	-3.8733+3.2853i	14.0160-140.4095i	-3.3940+7.2159i	-6.1620+1.6465i	-7.3723+20.2118i	2.7878+4.1324i	-6.0874+0.2386i	4.3843+25.8221i
72.9	-3.7026+3.4388i	9.4179-139.4029i	-2.8998+7.2466i	-5.8295+1.8366i	-5.7701+20.1429i	3.0198+4.0804i	-5.8557+0.4419i	5.8626+25.5584i
73.0	-3.5957+3.7673i	1.2277-143.5277i	-2.3804+7.6314i	-5.5687+2.2438i	-4.1397+21.4550i	3.3325+4.2258i	-5.6921+0.7781i	7.4671+26.5434i
73.1	-3.4177+3.8734i	-1.3708-143.8835i	-2.1279+7.5070i	-5.4159+2.2917i	-3.4199+21.1239i	3.4424+4.1293i	-5.5810+0.8534i	8.1429+25.9181i
73.2	-3.0995+3.9761i	-11.7193-140.6042i	-1.5614+7.3323i	-5.0575+2.4085i	-1.4744+20.6193i	3.7086+3.9900i	-5.3345+1.0038i	9.8134+25.2029i
73.3	-2.8038+4.2100i	-19.8188-144.1357i	-0.9592+7.4725i	-4.7667+2.6955i	0.3626+21.0978i	4.0512+3.9734i	-5.1616+1.2670i	11.5277+25.3842i
73.4	-2.5833+4.2722i	-23.4652-144.4132i	-0.7306+7.4515i	-4.6177+2.7655i	0.9705+20.9833i	4.0943+3.8850i	-5.0527+1.3476i	11.9165+24.9572i
73.5	-2.2843+4.2983i	-27.5696-142.3969i	-0.3615+7.2908i	-4.4414+2.7741i	2.1519+20.4839i	4.2781+3.6787i	-4.9442+1.3941i	12.9845+24.1402i
73.6	-1.9485+4.2826i	-34.7010-139.1141i	0.1075+7.0825i	-4.1543+2.8038i	3.7697+19.7111i	4.5324+3.4641i	-4.7519+1.4710i	14.3990+23.2795i
73.7	-1.7511+4.2756i	-37.2285-139.1403i	0.3324+7.0074i	-4.0966+2.9052i	4.4494+19.4343i	4.6723+3.3046i	-4.7394+1.5951i	15.0555+22.7872i
73.8	-1.5271+4.1833i	-42.2489-137.4275i	0.6370+6.8061i	-3.9627+3.0088i	5.4592+18.7975i	4.7954+3.0927i	-4.6714+1.7423i	15.8052+22.0125i
73.9	-1.3390+4.1603i	-47.6642-135.1670i	0.9430+6.7404i	-3.7983+3.1498i	6.4670+18.6164i	4.9456+2.9728i	-4.5697+1.8908i	16.7734+21.6982i
74.0	-1.1670+4.0345i	-49.2315-130.9883i	1.1162+6.4468i	-3.6670+3.1801i	6.9727+17.5787i	5.0169+2.6828i	-4.4744+1.9875i	17.3813+20.4929i
74.1	-1.0561+3.9004i	-51.3284-126.1808i	1.2885+6.1690i	-3.4826+3.1642i	7.4519+16.5205i	5.0554+2.4737i	-4.3278+2.0422i	17.8036+19.4271i
74.2	-0.9522+3.8264i	-55.7025-123.3130i	1.4895+6.0012i	-3.3165+3.2248i	8.2897+15.8826i	5.1420+2.2635i	-4.2114+2.1463i	18.4131+18.6263i
74.3	-0.8646+3.7786i	-57.7212-118.7783i	1.6137+5.7692i	-3.3011+3.2392i	8.7472+15.0311i	5.2879+2.0058i	-4.2281+2.2210i	19.0557+17.5984i
74.4	-0.7502+3.7152i	-60.8378-114.9921i	1.8135+5.5780i	-3.0746+3.2266i	9.4481+14.3187i	5.3571+1.8088i	-4.0523+2.2668i	19.7006+16.6993i
74.5	-0.7097+3.6284i	-62.0368-112.3995i	1.8662+5.4094i	-2.8991+3.1489i	9.6574+13.7492i	5.3075+1.6836i	-3.8933+2.2282i	19.7285+16.0597i
74.6	-0.5861+3.5968i	-66.0100-110.4019i	2.0918+5.2820i	-2.6921+3.1933i	10.2966+13.2784i	5.3559+1.4678i	-3.7281+2.3134i	20.2488+15.2058i
74.7	-0.5201+3.5624i	-69.4072-104.2649i	2.2774+5.1034i	-2.6240+3.1391i	11.0894+12.5993i	5.5217+1.3026i	-3.7170+2.3067i	21.0007+14.5051i
74.8	-0.5039+3.5259i	-68.6347-99.6079i	2.2955+4.8966i	-2.6283+3.0332i	11.2130+11.7489i	5.5636+1.1108i	-3.7350+2.2567i	21.2049+13.6463i
74.9	-0.4466+3.4784i	-65.7395-98.2852i	2.2939+4.6927i	-2.5430+2.9723i	10.9617+10.9654i	5.4155+0.8878i	-3.6370+2.2706i	20.8512+12.5334i

75.0	-0.3656+3.4739i	-68.3805-94.8620i	2.4224+4.5636i	-2.5062+2.9608i	11.4772+10.3496i	5.4936+0.6696i	-3.6289+2.3023i	21.1945+11.7536i
75.1	-0.2482+3.4341i	-71.5394-92.1349i	2.5423+4.4157i	-2.3423+2.9376i	11.8117+9.8044i	5.4423+0.4833i	-3.4938+2.3287i	21.2836+10.9337i
75.2	-0.2210+3.3763i	-73.4775-87.6816i	2.6564+4.1462i	-2.2331+2.7517i	12.2736+8.9325i	5.5008+0.3512i	-3.4134+2.2060i	21.5863+10.1254i
75.3	-0.1379+3.3741i	-75.0097-87.1912i	2.8294+4.0736i	-2.1265+2.8457i	13.0227+8.6029i	5.5099+0.1923i	-3.3457+2.3301i	21.9419+9.5329i
75.4	-0.0893+3.3949i	-75.0704-84.7332i	2.8693+4.0111i	-2.2342+2.8641i	13.3403+8.2658i	5.5697+0.0333i	-3.4633+2.3897i	22.1419+9.0629i
75.5	-0.0065+3.3595i	-75.0582-79.7907i	2.9380+3.7892i	-2.2118+2.8528i	13.4218+7.2919i	5.5362-0.2198i	-3.4385+2.4535i	22.0162+8.0171i
75.6	0.0920+3.3020i	-72.8433-77.4000i	2.9863+3.5804i	-2.1509+2.8846i	13.4953+6.3003i	5.4367-0.4937i	-3.3845+2.5533i	21.8698+6.9307i
75.7	0.1674+3.2545i	-73.0477-73.8202i	3.0394+3.3118i	-2.0833+2.7702i	13.5394+5.2696i	5.3371-0.7099i	-3.3123+2.5117i	21.6364+5.9243i
75.8	0.2506+3.2625i	-73.6506-72.9654i	3.1201+3.1831i	-2.0815+2.7864i	13.8305+4.6885i	5.3679-0.8394i	-3.3191+2.5704i	21.6947+5.3979i
75.9	0.3145+3.2743i	-73.0066-71.6270i	3.1670+3.1571i	-2.0411+2.9001i	13.8420+4.2820i	5.2876-0.9552i	-3.2678+2.7119i	21.5816+5.0527i
76.0	0.4092+3.1973i	-76.0644-68.6202i	3.2745+2.8815i	-1.9894+2.8990i	14.2377+3.1856i	5.2593-1.2433i	-3.2335+2.7916i	21.6996+3.9941i
76.1	0.4750+3.1204i	-75.9503-65.6915i	3.2477+2.6408i	-1.8613+2.8222i	14.0540+2.3061i	5.0757-1.4141i	-3.0946+2.7841i	21.2718+3.1687i
76.2	0.5830+3.1543i	-73.4588-64.7621i	3.3386+2.5239i	-1.8208+2.9518i	14.1234+1.6997i	5.0588-1.6396i	-3.0560+2.9616i	21.3720+2.5349i
76.3	0.6567+3.1578i	-73.8411-59.6796i	3.3699+2.2920i	-1.8162+2.9143i	14.0815+0.6293i	5.0211-1.8595i	-3.0425+2.9912i	21.3779+1.7196i
76.4	0.8400+3.0540i	-75.0274-59.4937i	3.3345+2.0394i	-1.7572+2.8675i	13.8546-0.1931i	4.8038-2.0036i	-2.9618+3.0007i	20.8279+1.0443i
76.5	0.9884+2.9248i	-74.8883-58.9739i	3.4209+1.9117i	-1.6687+3.0344i	13.6499-0.8528i	4.7021-2.1642i	-2.8639+3.2116i	20.8145+0.5421i
76.6	1.0278+2.8188i	-74.3081-56.2984i	3.4691+1.6307i	-1.5766+2.9631i	13.6667-1.7869i	4.6428-2.3709i	-2.7667+3.2145i	20.8685-0.4189i
76.7	1.0809+2.7212i	-73.3576-51.9471i	3.4048+1.2938i	-1.4787+2.8664i	13.2089-2.9706i	4.4479-2.5817i	-2.6296+3.1986i	20.4184-1.5561i
76.8	1.1305+2.6809i	-73.2643-51.2524i	3.3186+1.1245i	-1.4448+2.8159i	12.8381-3.4588i	4.2891-2.6462i	-2.5580+3.1887i	19.9040-1.9849i
76.9	1.1999+2.6000i	-70.0638-48.3687i	3.1520+0.8608i	-1.4793+2.8033i	12.2166-4.3656i	4.0818-2.8459i	-2.5419+3.2408i	19.2830-2.7877i
77.0	1.2624+2.5196i	-69.1522-48.0753i	2.9597+0.7368i	-1.4768+2.7881i	11.3333-4.8621i	3.8256-2.8936i	-2.4698+3.2574i	18.4226-3.0982i
77.1	1.3235+2.4234i	-69.2301-47.1664i	2.8676+0.5239i	-1.5235+2.7380i	11.0075-5.6397i	3.7550-2.9852i	-2.4876+3.2620i	18.1815-3.6124i
77.2	1.3770+2.3031i	-68.2018-45.1016i	2.5982+0.3404i	-1.6408+2.7429i	10.0516-6.3689i	3.5474-3.1132i	-2.5348+3.3205i	17.4120-4.2657i
77.3	1.4188+2.1424i	-67.6507-42.6268i	2.4449+0.1876i	-1.6267+2.8182i	9.4444-6.8732i	3.3802-3.2227i	-2.4804+3.4236i	17.0843-4.8464i
77.4	1.4144+1.9948i	-66.9223-40.4695i	2.2388+0.0063i	-1.5927+2.8918i	8.5095-7.6447i	3.1988-3.3931i	-2.3827+3.5585i	16.4653-5.6230i
77.5	1.4306+1.9338i	-67.8634-40.1214i	2.1204-0.1022i	-1.6414+2.9625i	8.0002-8.2462i	3.1410-3.5484i	-2.3908+3.6759i	16.2849-6.1959i
77.6	1.4352+1.8798i	-66.2373-40.2003i	1.9880-0.1556i	-1.6453+3.0585i	7.3885-8.5074i	3.0331-3.6827i	-2.3432+3.7912i	15.8876-6.5845i
77.7	1.4021+1.7994i	-66.2203-38.4935i	1.7638-0.2524i	-1.6363+3.0551i	6.5625-8.7472i	2.8171-3.7640i	-2.2723+3.8092i	15.1352-7.0039i
77.8	1.3640+1.7443i	-64.9777-35.8698i	1.5533-0.1761i	-1.6506+3.2159i	5.7786-8.7599i	2.6014-3.8159i	-2.2307+3.9655i	14.4945-7.1554i
77.9	1.3557+1.6478i	-64.7338-32.5758i	1.2282-0.2672i	-1.6272+3.3476i	4.4314-9.3139i	2.2539-4.0057i	-2.0992+4.1376i	13.3931-7.9668i
78.0	1.3624+1.5764i	-64.3573-31.5295i	1.0424-0.3554i	-1.5459+3.3548i	3.7960-9.4308i	2.0487-4.0518i	-1.9672+4.1628i	12.7604-8.3334i
78.1	1.3291+1.5547i	-63.8615-31.4601i	0.8706-0.2703i	-1.5290+3.3848i	3.0366-9.1618i	1.8612-4.0031i	-1.8839+4.1702i	12.0165-8.1656i
78.2	1.2932+1.4947i	-61.9252-30.7312i	0.6431-0.0876i	-1.4040+3.4853i	1.9454-8.6652i	1.5275-3.9395i	-1.6788+4.2353i	10.8699-7.9086i
78.3	1.2571+1.4512i	-62.3915-29.6280i	0.4079+0.0272i	-1.3208+3.5102i	0.9818-8.2659i	1.2194-3.8426i	-1.5249+4.2224i	10.0169-7.5681i
78.4	1.2632+1.4371i	-61.0841-28.3348i	0.3154+0.1320i	-1.2932+3.5979i	0.5293-8.0384i	1.0759-3.8206i	-1.4590+4.2947i	9.5871-7.5125i
78.5	1.2773+1.3881i	-61.1273-26.9766i	0.1889+0.3441i	-1.1541+3.7066i	-0.3390-7.3103i	0.7661-3.7083i	-1.2554+4.3520i	8.6493-7.1551i
78.6	1.2983+1.3381i	-59.5943-27.2066i	0.1999+0.5265i	-0.9496+3.7915i	-0.6661-6.7134i	0.5640-3.5966i	-1.0150+4.3905i	8.2289-6.7251i
78.7	1.2847+1.2724i	-57.1798-25.9855i	0.1306+0.7156i	-0.8829+3.8440i	-1.0848-6.0422i	0.4039-3.4053i	-0.9116+4.3900i	7.7157-6.2095i
78.8	1.3194+1.2209i	-57.2481-24.0433i	0.1184+0.8472i	-0.7755+3.9485i	-1.5208-5.7891i	0.2567-3.3542i	-0.7757+4.4772i	7.4524-6.0982i
78.9	1.3465+1.2130i	-56.7320-23.2723i	0.3428+1.0811i	-0.5307+4.0978i	-1.0096-4.7535i	0.2303-3.1804i	-0.5783+4.5500i	7.9736-5.2077i
79.0	1.4074+1.1859i	-57.9419-23.0537i	0.7736+1.1296i	-0.1713+4.1843i	0.4704-4.3746i	0.3741-3.1239i	-0.3528+4.6102i	9.4602-4.8915i
79.1	1.3987+1.0461i	-56.6645-23.1029i	0.9531+0.7870i	0.1493+3.8948i	1.4184-5.5274i	0.3662-3.1536i	-0.0990+4.4282i	10.0948-6.0724i
79.2	1.3398+0.9300i	-55.3119-23.7551i	0.6227+0.5410i	0.1158+3.6549i	0.1466-6.6601i	0.0606-3.2331i	-0.0189+4.2888i	8.8445-7.3694i
79.3	1.2973+0.8714i	-53.7452-22.2184i	0.4770+0.7022i	0.1270+3.6082i	-0.8672-5.9389i	-0.1564-3.0068i	0.0837+4.1947i	7.7508-7.0152i
79.4	1.2796+0.8171i	-54.4328-21.4117i	0.4598+0.7760i	0.2077+3.5540i	-1.2467-5.6235i	-0.2535-2.8436i	0.2133+4.1043i	7.2536-6.7374i
79.5	1.2396+0.7720i	-52.8067-21.2271i	0.3790+0.9054i	0.1939+3.6899i	-1.7265-5.3163i	-0.2849-2.7877i	0.2598+4.1995i	6.9647-6.4311i
79.6	1.1653+0.7258i	-53.6559-20.5230i	0.4071+0.9093i	0.3502+3.5210i	-1.9999-5.1535i	-0.3992-2.6493i	0.4497+4.0247i	6.5948-6.5720i
79.7	1.1310+0.6899i	-53.2896-18.8886i	0.4522+0.9778i	0.4861+3.3913i	-2.2461-4.6094i	-0.5101-2.4650i	0.6191+3.8700i	6.2315-6.3208i
79.8	1.1285+0.6680i	-52.5424-17.0053i	0.4498+1.0318i	0.5586+3.4362i	-2.5801-4.4114i	-0.5858-2.4331i	0.7247+3.8807i	6.0519-6.3135i
79.9	1.0978+0.6719i	-51.8911-16.4875i	0.5625+1.1013i	0.6573+3.3947i	-2.5642-4.0310i	-0.5780-2.3388i	0.8364+3.8033i	6.0077-6.0724i
80.0	1.0685+0.6266i	-50.3538-16.5117i	0.5596+1.1305i	0.6962+3.3881i	-2.5758-3.8347i	-0.5912-2.2605i	0.8840+3.7722i	5.9315-6.0491i

2.1.81 Run 7 – VT270-200 – Accels 17–24

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	0.0752+0.0000i	0.9281+0.0000i	24.8477+0.0000i	5.8115+0.0000i	6.6842+0.0000i	3.8067+0.0000i	4.0175+0.0000i	7.3404+0.0000i
0.1	0.2181-0.1955i	0.7736-0.0013i	3.9965-0.6376i	1.0457-0.9505i	1.3370+0.4511i	0.2540-0.9839i	0.2318+0.0579i	0.8894+0.3571i
0.2	-0.3864-0.2980i	0.0666+0.0776i	-0.0195+0.0451i	0.1434+0.2588i	0.5509-0.0243i	-0.0599+0.5287i	-0.2839+0.2876i	-0.4858+0.4189i
0.3	-0.0773-0.0805i	0.0064-0.0104i	0.0226+0.0471i	-0.0496+0.0789i	0.1957+0.0222i	-0.1853-0.0114i	-0.0969+0.0115i	-0.1046+0.0612i
0.4	-0.0033+0.0137i	-0.0063-0.0134i	0.0240+0.0218i	-0.0124-0.0044i	-0.2408+0.1126i	-0.0004-0.1177i	-0.0292-0.0245i	-0.0498-0.0338i
0.5	-0.0259-0.0161i	-0.0156+0.0073i	0.0193+0.0130i	0.0083+0.0106i	0.0145+0.0883i	-0.0019-0.0054i	-0.0242-0.0000i	-0.0280-0.0211i
0.6	-0.0175+0.0046i	0.0020-0.0038i	0.0131+0.0095i	0.0045+0.0048i	0.0608+0.1364i	-0.0297-0.0482i	-0.0126+0.0177i	-0.0127+0.0101i
0.7	-0.0150+0.0055i	0.0028-0.0046i	0.0199+0.0069i	-0.0007+0.0025i	0.0445-0.1550i	0.0231-0.0462i	-0.0006+0.0036i	-0.0059+0.0036i
0.8	-0.0150+0.0037i	-0.0005-0.0016i	0.0267+0.0066i	-0.0036+0.0028i	-0.0419-0.3522i	0.0286-0.0078i	0.0086-0.0018i	0.0036+0.0038i
0.9	-0.0046+0.0012i	-0.0008+0.0009i	0.0314+0.0042i	-0.0022+0.0015i	-0.0107-0.0830i	0.0060+0.0084i	-0.0005+0.0005i	0.0012+0.0048i
1.0	-0.0062+0.0005i	-0.0005+0.0014i	0.0299-0.0011i	-0.0020+0.0011i	-0.0082-0.0028i	-0.0169+0.0089i	-0.0046+0.0006i	0.0018+0.0035i
1.1	-0.0078+0.0000i	0.0016+0.0004i	0.0330+0.0036i	-0.0015+0.0000i	-0.0018-0.0101i	-0.0164-0.0064i	-0.0023+0.0001i	-0.0005-0.0011i
1.2	-0.0074-0.0006i	0.0012+0.0002i	0.0456+0.0050i	-0.0026+0.0010i	0.1085+0.0928i	-0.0315-0.0014i	-0.0042-0.0004i	-0.0040-0.0001i
1.3	-0.0070-0.0007i	0.0005-0.0002i	0.0525+0.0050i	-0.0043-0.0003i	0.0404-0.0224i	-0.0319-0.0277i	-0.0049+0.0002i	-0.0005-0.0004i
1.4	-0.0085-0.0001i	0.0009+0.0003i	0.0581+0.0054i	-0.0050-0.0013i	-0.0094-0.0581i	0.0116+0.0054i	-0.0054-0.0022i	0.0009-0.0015i
1.5	-0.0105+0.0002i	0.0002-0.0021i	0.0660+0.0057i	-0.0072-0.0005i	0.1860-0.0502i	0.0136+0.0312i	-0.0073-0.0012i	-0.0023-0.0035i
1.6	-0.0139+0.0018i	-0.0037+0.0001i	0.0763+0.0049i	-0.0111+0.0015i	-0.0390-0.0075i	-0.0072+0.0413i	-0.0063+0.0001i	-0.0082+0.0012i
1.7	-0.0123+0.0024i	-0.0040+0.0013i	0.0807+0.0042i	-0.0113+0.0020i	-0.1222+0.0563i	-0.0052+0.0152i	-0.0100-0.0021i	-0.0043+0.0054i
1.8	-0.0108-0.0010i	-0.0068+0.0022i	0.0945-0.0017i	-0.0104+0.0014i	-0.1595+0.0584i	-0.0477+0.0201i	-0.0144+0.0010i	-0.0035+0.0030i
1.9	-0.0146-0.0051i	-0.0146+0.0156i	0.1116-0.0160i	-0.0173+0.0010i	0.0441+0.0150i	-0.0185+0.0116i	-0.0225+0.0015i	-0.0073+0.0077i
2.0	-0.0251-0.0112i	-0.0051+0.0290i	0.1054-0.0286i	-0.0256-0.0039i	0.1071-0.0401i	-0.0112-0.0344i	-0.0265+0.0032i	-0.0003+0.0177i
2.1	-0.0415-0.0140i	0.0180+0.0349i	0.0831-0.0327i	-0.0363-0.0084i	0.1378+0.0410i	0.0144-0.0189i	-0.0330+0.0015i	0.0141+0.0237i
2.2	-0.0752-0.0043i	0.0476+0.0070i	0.0455-0.0052i	-0.0648-0.0031i	-0.0345+0.1056i	0.0047-0.0024i	-0.0560+0.0001i	0.0347+0.0039i
2.3	-0.1238+0.0549i	0.0197-0.0095i	0.0429+0.0552i	-0.1164+0.0539i	0.0508-0.0271i	-0.0118-0.0080i	-0.1155+0.0549i	0.0140-0.0073i
2.4	-0.0813+0.2158i	0.0096-0.0033i	0.0965+0.1753i	-0.0760+0.2103i	0.0101-0.0759i	-0.0185-0.0293i	-0.0748+0.2180i	0.0067-0.0038i
2.5	0.1210+0.1428i	0.0118-0.0044i	0.2631+0.1156i	0.1230+0.1375i	-0.0345+0.0028i	-0.0249-0.0068i	0.1274+0.1398i	0.0101-0.0054i
2.6	0.1040+0.0256i	0.0090-0.0054i	0.2632+0.0214i	0.1045+0.0232i	-0.0538+0.0609i	-0.0350-0.0239i	0.1087+0.0214i	0.0078-0.0052i
2.7	0.0640+0.0144i	0.0073-0.0037i	0.2444+0.0091i	0.0628+0.0136i	-0.0583+0.0647i	-0.0191-0.0246i	0.0668+0.0138i	0.0065-0.0037i
2.8	0.0462+0.0071i	0.0071-0.0042i	0.2475+0.0085i	0.0463+0.0058i	0.0442-0.0913i	-0.0589+0.0220i	0.0450+0.0052i	0.0076-0.0022i
2.9	0.0410+0.0075i	0.0056-0.0031i	0.2570+0.0086i	0.0398+0.0062i	-0.0196-0.1705i	-0.0485-0.0023i	0.0415+0.0051i	0.0062-0.0030i
3.0	0.0350+0.0087i	0.0045-0.0040i	0.2663+0.0010i	0.0339+0.0078i	-0.0713-0.1343i	-0.0059-0.0111i	0.0355+0.0085i	0.0049-0.0043i
3.1	0.0317+0.0092i	0.0049-0.0062i	0.2794+0.0026i	0.0316+0.0055i	0.0504+0.0076i	-0.0062+0.0184i	0.0327+0.0072i	0.0058-0.0047i
3.2	0.0331+0.0062i	0.0052-0.0059i	0.2965+0.0074i	0.0319+0.0060i	0.1606-0.1584i	-0.0525+0.0116i	0.0337+0.0063i	0.0069-0.0047i
3.3	0.0342+0.0061i	0.0052-0.0059i	0.3158+0.0030i	0.0344+0.0046i	-0.1019-0.1075i	-0.0581-0.0161i	0.0326+0.0052i	0.0050-0.0060i
3.4	0.0323+0.0061i	0.0001-0.0027i	0.3361+0.0042i	0.0351+0.0053i	-0.3053+0.2852i	-0.0798-0.0251i	0.0313+0.0045i	0.0025-0.0035i
3.5	0.0349+0.0028i	-0.0023-0.0031i	0.3422+0.0084i	0.0327+0.0033i	0.0357+0.0849i	-0.0291-0.0606i	0.0307+0.0054i	-0.0008-0.0038i
3.6	0.0371-0.0016i	0.0021+0.0023i	0.3661+0.0232i	0.0327+0.0017i	0.9482-0.5699i	0.0358-0.0654i	0.0312+0.0002i	-0.0002+0.0042i
3.7	0.0325-0.0022i	0.0086+0.0052i	0.4316+0.0175i	0.0292+0.0007i	0.1682-0.0481i	-0.0434+0.0587i	0.0275+0.0002i	0.0065+0.0028i
3.8	0.0321-0.0019i	0.0097+0.0020i	0.4475+0.0122i	0.0281-0.0015i	0.0010-0.0166i	-0.0713+0.0108i	0.0279-0.0001i	0.0102+0.0019i
3.9	0.0328-0.0004i	0.0089-0.0004i	0.4613+0.0117i	0.0275-0.0004i	0.1016-0.0348i	-0.0501-0.0046i	0.0273-0.0005i	0.0087-0.0009i
4.0	0.0335-0.0003i	0.0073-0.0014i	0.4748+0.0083i	0.0271-0.0004i	0.0607+0.0153i	-0.0510-0.0022i	0.0265+0.0000i	0.0074-0.0013i
4.1	0.0340-0.0003i	0.0058-0.0004i	0.4907+0.0068i	0.0262+0.0003i	0.0045+0.0221i	-0.0573+0.0028i	0.0263-0.0001i	0.0060-0.0002i
4.2	0.0355-0.0007i	0.0054+0.0013i	0.5122+0.0036i	0.0266+0.0011i	-0.0460-0.0188i	-0.0661-0.0012i	0.0263-0.0004i	0.0054+0.0012i
4.3	0.0366-0.0006i	0.0052+0.0030i	0.5352+0.0022i	0.0270+0.0007i	-0.0240-0.0075i	-0.0538-0.0128i	0.0259-0.0001i	0.0052+0.0019i
4.4	0.0379-0.0011i	0.0053+0.0052i	0.5557+0.0000i	0.0274+0.0005i	-0.0246-0.0602i	-0.0482-0.0060i	0.0260+0.0010i	0.0066+0.0036i
4.5	0.0404-0.0011i	0.0058+0.0084i	0.5782-0.0006i	0.0276+0.0002i	0.0085-0.0272i	-0.0798-0.0001i	0.0246+0.0008i	0.0078+0.0068i
4.6	0.0396-0.0022i	0.0042+0.0114i	0.5887-0.0037i	0.0260-0.0006i	0.1043+0.0283i	-0.0721-0.0011i	0.0236+0.0002i	0.0073+0.0095i
4.7	0.0423+0.0030i	0.0102+0.0243i	0.5959+0.0042i	0.0263+0.0067i	-0.0786+0.0054i	-0.0800-0.0152i	0.0254+0.0097i	0.0146+0.0217i
4.8	0.0563+0.0018i	0.0436+0.0156i	0.6196+0.0314i	0.0457+0.0041i	-0.0240+0.0585i	-0.1132+0.0097i	0.0447+0.0077i	0.0451+0.0141i
4.9	0.0582-0.0050i	0.0485-0.0031i	0.6403+0.0484i	0.0468-0.0076i	0.0197-0.0281i	-0.0777+0.0174i	0.0436-0.0044i	0.0480-0.0038i
5.0	0.0538+0.0020i	0.0163-0.0201i	0.7519+0.0810i	0.0345+0.0007i	-0.0051-0.0577i	-0.0757+0.0023i	0.0305-0.0008i	0.0182-0.0165i
5.1	0.0626+0.0065i	0.0062-0.0161i	0.8064+0.0599i	0.0401+0.0066i	-0.0628-0.0453i	-0.1145-0.0028i	0.0371+0.0053i	0.0088-0.0137i
5.2	0.0736-0.0076i	0.0059-0.0124i	0.8202+0.0275i	0.0499-0.0069i	-0.0134+0.0351i	-0.1366+0.0057i	0.0456-0.0083i	0.0083-0.0122i
5.3	0.0710-0.0233i	0.0057-0.0079i	0.8129+0.0046i	0.0410-0.0258i	-0.1711-0.1221i	-0.1336+0.0050i	0.0367-0.0272i	0.0077-0.0088i
5.4	0.0452-0.0119i	-0.0010+0.0015i	0.8082+0.0537i	0.0073-0.0118i	-0.0782-0.2232i	-0.1326+0.0013i	0.0034-0.0085i	0.0024-0.0012i
5.5	0.0609+0.0119i	0.0008+0.0042i	0.8804+0.0865i	0.0202+0.0166i	0.2551+0.1420i	-0.0784-0.0231i	0.0141+0.0187i	0.0054+0.0044i
5.6	0.0754+0.0143i	0.0033+0.0122i	0.9225+0.0724i	0.0304+0.0221i	0.1681+0.0975i	-0.0975+0.0136i	0.0240+0.0208i	0.0104+0.0123i

5.7	0.0859+0.0116i	0.0138+0.0170i	0.9343+0.0646i	0.0392+0.0222i	0.0290−0.0023i	−0.1549−0.0028i	0.0307+0.0230i	0.0201+0.0181i
5.8	0.1002+0.0126i	0.0206+0.0137i	0.9611+0.0787i	0.0503+0.0250i	0.0869−0.0025i	−0.1510−0.0206i	0.0407+0.0274i	0.0280+0.0132i
5.9	0.1180+0.0143i	0.0254+0.0087i	0.9934+0.0904i	0.0628+0.0264i	0.0388+0.0175i	−0.1532−0.0119i	0.0535+0.0289i	0.0349+0.0084i
6.0	0.1320+0.0120i	0.0252−0.0003i	1.0124+0.0951i	0.0711+0.0227i	0.0150−0.0115i	−0.1646−0.0089i	0.0604+0.0252i	0.0360−0.0013i
6.1	0.1501+0.0095i	0.0175−0.0072i	1.0314+0.1068i	0.0782+0.0204i	0.0450−0.0356i	−0.1789−0.0117i	0.0648+0.0230i	0.0288−0.0090i
6.2	0.1749+0.0069i	0.0086−0.0063i	1.0537+0.1228i	0.0899+0.0219i	0.0156−0.0420i	−0.1984−0.0107i	0.0746+0.0248i	0.0210−0.0083i
6.3	0.2032+0.0057i	0.0042−0.0032i	1.0619+0.1301i	0.1039+0.0216i	−0.0194−0.0351i	−0.2099−0.0091i	0.0864+0.0243i	0.0178−0.0045i
6.4	0.2407−0.0036i	0.0014+0.0008i	1.0526+0.1563i	0.1214+0.0199i	0.0448−0.0717i	−0.2228−0.0059i	0.1004+0.0237i	0.0184−0.0019i
6.5	0.2744−0.0177i	−0.0009+0.0030i	1.0399+0.1837i	0.1390+0.0147i	−0.0035−0.0300i	−0.2354+0.0030i	0.1141+0.0201i	0.0191−0.0010i
6.6	0.3368−0.0276i	−0.0058+0.0078i	0.9815+0.2360i	0.1690+0.0160i	0.0188−0.0155i	−0.2429−0.0001i	0.1385+0.0235i	0.0187+0.0025i
6.7	0.4108−0.0527i	−0.0098+0.0134i	0.8962+0.3230i	0.2053+0.0098i	0.0175+0.0305i	−0.2530−0.0022i	0.1687+0.0218i	0.0200+0.0059i
6.8	0.5270−0.1169i	−0.0151+0.0195i	0.7525+0.4918i	0.2649−0.0136i	0.0331−0.0003i	−0.2769+0.0072i	0.2193+0.0053i	0.0233+0.0074i
6.9	0.6643−0.2374i	−0.0233+0.0298i	0.5641+0.8028i	0.3357−0.0598i	−0.0590−0.0176i	−0.3030−0.0018i	0.2786−0.0292i	0.0252+0.0077i
7.0	0.8537−0.5202i	−0.0365+0.0518i	0.3509+1.5002i	0.4425−0.1760i	−0.0317−0.0304i	−0.3365−0.0093i	0.3698−0.1190i	0.0249+0.0081i
7.1	0.7697−1.0545i	−0.0282+0.1026i	0.8794+2.6031i	0.4486−0.4258i	0.0106−0.0068i	−0.3760+0.0220i	0.3871−0.3191i	0.0266+0.0183i
7.2	0.1368−1.4439i	0.0368+0.1434i	2.4059+3.0712i	0.1826−0.6584i	0.0796+0.0676i	−0.3626+0.0751i	0.1825−0.5175i	0.0452+0.0319i
7.3	−0.3679−1.4050i	0.0963+0.1300i	3.4343+2.8359i	−0.0618−0.6762i	0.0798+0.0540i	−0.3415+0.0442i	−0.0109−0.5447i	0.0666+0.0188i
7.4	−0.8282−1.0380i	0.1312+0.0717i	4.4131+2.0437i	−0.2984−0.5293i	0.0939+0.0105i	−0.3931+0.0071i	−0.2091−0.4418i	0.0620−0.0130i
7.5	−0.8951−0.6230i	0.1218+0.0347i	4.5744+1.1201i	−0.3507−0.3438i	0.0861−0.0515i	−0.4346+0.0261i	−0.2637−0.2951i	0.0454−0.0168i
7.6	−0.6981−0.3819i	0.1029+0.0224i	4.2065+0.6148i	−0.2770−0.2267i	−0.0060+0.0118i	−0.4491+0.0469i	−0.2088−0.1967i	0.0425−0.0092i
7.7	−0.6154−0.3179i	0.0966+0.0163i	4.1106+0.5063i	−0.2430−0.1940i	0.0373−0.0297i	−0.4652+0.0337i	−0.1822−0.1696i	0.0431−0.0097i
7.8	−0.5664−0.3006i	0.0908+0.0138i	4.1325+0.4746i	−0.2214−0.1827i	0.1078−0.0355i	−0.5261+0.0081i	−0.1663−0.1598i	0.0410−0.0106i
7.9	−0.5855−0.2897i	0.0882+0.0131i	4.2667+0.4023i	−0.2342−0.1799i	0.1190+0.0226i	−0.6212+0.0107i	−0.1792−0.1581i	0.0364−0.0101i
8.0	−0.6047−0.2376i	0.0877+0.0119i	4.3988+0.2307i	−0.2484−0.1594i	0.0747+0.0034i	−0.6936+0.0585i	−0.1915−0.1418i	0.0343−0.0071i
8.1	−0.5864−0.2006i	0.0871+0.0090i	4.4922+0.1025i	−0.2407−0.1442i	0.0455+0.0392i	−0.7623+0.1241i	−0.1870−0.1297i	0.0366−0.0086i
8.2	−0.6044−0.1605i	0.0869+0.0070i	4.6246−0.0034i	−0.2551−0.1272i	−0.0106−0.0255i	−0.8349+0.1751i	−0.2016−0.1163i	0.0353−0.0074i
8.3	−0.6127−0.1240i	0.0859+0.0062i	4.7113−0.0926i	−0.2656−0.1096i	0.0127−0.0162i	−0.8740+0.2144i	−0.2118−0.1003i	0.0335−0.0053i
8.4	−0.6178−0.0862i	0.0842+0.0053i	4.8084−0.1946i	−0.2745−0.0917i	0.0112+0.0434i	−0.9171+0.2819i	−0.2212−0.0833i	0.0317−0.0031i
8.5	−0.6328−0.0452i	0.0836+0.0063i	5.0009−0.2719i	−0.2843−0.0687i	0.0863−0.0355i	−1.0318+0.3335i	−0.2307−0.0630i	0.0303+0.0009i
8.6	−0.6543−0.0115i	0.0846+0.0076i	5.1694−0.3699i	−0.2986−0.0503i	0.0559−0.0714i	−1.1190+0.3911i	−0.2434−0.0475i	0.0293+0.0036i
8.7	−0.6934+0.0339i	0.0865+0.0093i	5.4283−0.5008i	−0.3189−0.0285i	0.0531−0.0410i	−1.2684+0.5039i	−0.2615−0.0295i	0.0278+0.0085i
8.8	−0.7343+0.0953i	0.0889+0.0106i	5.6925−0.6705i	−0.3382−0.0005i	0.1088+0.0060i	−1.4286+0.6707i	−0.2775−0.0051i	0.0268+0.0128i
8.9	−0.7811+0.2088i	0.0902+0.0133i	6.0134−1.0175i	−0.3623+0.0485i	0.0794−0.0082i	−1.6039+1.0118i	−0.2968+0.0388i	0.0232+0.0210i
9.0	−0.7936+0.3316i	0.0913+0.0156i	6.1867−1.3918i	−0.3705+0.1063i	0.0309+0.0340i	−1.6636+1.3604i	−0.3047+0.0876i	0.0228+0.0324i
9.1	−0.7489+0.4401i	0.0950+0.0214i	6.2830−1.7342i	−0.3518+0.1605i	0.0862+0.0425i	−1.5999+1.6647i	−0.2886+0.1339i	0.0301+0.0471i
9.2	−0.8152+0.5827i	0.1028+0.0280i	6.6498−2.2818i	−0.3825+0.2205i	0.0736−0.0021i	−1.8249+2.1638i	−0.3157+0.1830i	0.0358+0.0575i
9.3	−0.6069+0.9463i	0.1156+0.0273i	6.0555−3.4864i	−0.3022+0.3883i	0.0395+0.0642i	−1.1069+3.2865i	−0.2487+0.3251i	0.0568+0.0738i
9.4	−0.1759+1.1190i	0.1265+0.0187i	4.7583−3.9529i	−0.1201+0.4805i	0.0978+0.1641i	0.2954+3.7484i	−0.0936+0.4073i	0.0841+0.0764i
9.5	0.1808+0.9968i	0.1281+0.0107i	3.7462−3.4569i	0.0418+0.4388i	0.0869+0.1491i	1.4034+3.2847i	0.0444+0.3745i	0.1024+0.0629i
9.6	0.3400+0.6858i	0.1241+0.0063i	3.5000−2.3754i	0.1222+0.3075i	0.0455+0.0611i	1.8433+2.2422i	0.1146+0.2638i	0.1036+0.0455i
9.7	0.3395+0.4450i	0.1220+0.0084i	3.8223−1.5863i	0.1317+0.2045i	0.0100−0.0004i	1.7641+1.4609i	0.1252+0.1747i	0.0999+0.0375i
9.8	0.2959+0.3131i	0.1247+0.0136i	4.2535−1.1927i	0.1212+0.1450i	0.0118−0.0891i	1.5622+1.0524i	0.1168+0.1230i	0.0997+0.0393i
9.9	0.2375+0.2303i	0.1288+0.0173i	4.6857−0.9656i	0.0993+0.1071i	0.0770−0.0300i	1.3539+0.8020i	0.0982+0.0891i	0.0984+0.0426i
10.0	0.1865+0.1843i	0.1353+0.0231i	5.1214−0.8472i	0.0796+0.0859i	0.0457+0.0186i	1.1651+0.6540i	0.0820+0.0702i	0.1013+0.0489i
10.1	0.1471+0.1507i	0.1448+0.0291i	5.5438−0.7598i	0.0643+0.0701i	0.1635+0.0816i	1.0161+0.5520i	0.0693+0.0553i	0.1073+0.0575i
10.2	0.1187+0.1313i	0.1554+0.0339i	5.9507−0.7128i	0.0545+0.0605i	0.1161+0.0608i	0.8888+0.5133i	0.0612+0.0465i	0.1159+0.0667i
10.3	0.0988+0.1252i	0.1622+0.0314i	6.2864−0.7694i	0.0472+0.0556i	0.1064+0.1214i	0.8133+0.5232i	0.0559+0.0423i	0.1242+0.0695i
10.4	0.0908+0.1165i	0.1668+0.0320i	6.5575−0.8193i	0.0451+0.0490i	0.0733+0.0186i	0.7922+0.5175i	0.0533+0.0368i	0.1319+0.0710i
10.5	0.0862+0.1028i	0.1777+0.0382i	6.8940−0.7811i	0.0434+0.0416i	0.0290−0.0256i	0.7998+0.4689i	0.0517+0.0304i	0.1418+0.0725i
10.6	0.0778+0.0905i	0.1893+0.0383i	7.2671−0.7323i	0.0407+0.0367i	0.0666−0.0067i	0.7838+0.4260i	0.0499+0.0260i	0.1490+0.0693i
10.7	0.0625+0.0721i	0.2079+0.0383i	7.7182−0.7121i	0.0344+0.0274i	0.1203+0.0099i	0.7338+0.3510i	0.0457+0.0161i	0.1634+0.0708i
10.8	0.0507+0.0562i	0.2241+0.0400i	8.1263−0.6110i	0.0306+0.0213i	0.1292+0.0542i	0.6820+0.2794i	0.0426+0.0099i	0.1790+0.0742i
10.9	0.0350+0.0471i	0.2384+0.0360i	8.6524−0.6049i	0.0268+0.0172i	0.1891+0.1529i	0.6156+0.2418i	0.0403+0.0067i	0.1877+0.0738i
11.0	0.0197+0.0446i	0.2512+0.0329i	9.1130−0.7022i	0.0221+0.0142i	0.2080+0.1571i	0.5632+0.2258i	0.0363+0.0034i	0.1972+0.0755i
11.1	0.0044+0.0433i	0.2657+0.0288i	9.7422−0.7494i	0.0168+0.0127i	0.2385+0.0728i	0.5091+0.2172i	0.0339+0.0005i	0.2060+0.0745i
11.2	−0.0065+0.0441i	0.2814+0.0251i	10.3323−0.7785i	0.0124+0.0125i	0.2315−0.0018i	0.4568+0.2145i	0.0316+0.0001i	0.2167+0.0762i
11.3	−0.0161+0.0466i	0.2945+0.0234i	10.9188−0.8667i	0.0090+0.0125i	0.3118+0.0164i	0.4216+0.2121i	0.0292−0.0011i	0.2276+0.0823i
11.4	−0.0262+0.0464i	0.3133+0.0229i	11.7122−0.9399i	0.0062+0.0130i	0.3379+0.0440i	0.3751+0.2036i	0.0267−0.0041i	0.2472+0.0887i
11.5	−0.0336+0.0455i	0.3281+0.0208i	12.3197−0.9628i	0.0045+0.0123i	0.2838+0.0624i	0.3376+0.2010i	0.0249−0.0058i	0.2624+0.0874i
11.6	−0.0462+0.0430i	0.3478+0.0179i	13.1901−1.0341i	−0.0001+0.0130i	0.3066−0.0269i	0.2928+0.1867i	0.0235−0.0081i	0.2770+0.0841i
11.7	−0.0600+0.0456i	0.3658+0.0130i	14.0986−1.2230i	−0.0033+0.0146i	0.2581+0.0355i	0.2439+0.1932i	0.0247−0.0088i	0.2850+0.0807i
11.8	−0.0732+0.0514i	0.3876+0.0134i	15.0651−1.3810i	−0.0049+0.0175i	0.2627+0.0345i	0.1921+0.2031i	0.0275−0.0096i	0.2954+0.0867i
11.9	−0.0919+0.0606i	0.4170+0.0142i	16.5133−1.6956i	−0.0094+0.0225i	0.2489+0.0610i	0.1238+0.2102i	0.0316−0.0141i	0.3047+0.0976i

12.0	-0.1076+0.0703i	0.4416+0.0166i	17.7286-1.9635i	-0.0110+0.0278i	0.3386+0.1478i	0.0803+0.2285i	0.0339-0.0188i	0.3134+0.1140i
12.1	-0.1267+0.0836i	0.4688+0.0245i	19.1002-2.2109i	-0.0139+0.0342i	0.3887+0.1665i	0.0231+0.2627i	0.0381-0.0243i	0.3172+0.1388i
12.2	-0.1433+0.1050i	0.5016+0.0309i	20.5445-2.6778i	-0.0153+0.0411i	0.4413+0.1630i	-0.0413+0.3036i	0.0416-0.0326i	0.3314+0.1731i
12.3	-0.1559+0.1364i	0.5511+0.0342i	22.3898-3.7666i	-0.0108+0.0515i	0.4640+0.2620i	-0.1063+0.3727i	0.0436-0.0468i	0.3653+0.2238i
12.4	-0.1629+0.1791i	0.6082+0.0543i	24.3469-4.7593i	-0.0049+0.0684i	0.4576+0.3566i	-0.1357+0.4305i	0.0465-0.0665i	0.4103+0.3049i
12.5	-0.1617+0.2445i	0.6992+0.0846i	26.9123-6.1946i	0.0064+0.0956i	0.6378+0.4071i	-0.1623+0.5080i	0.0442-0.0974i	0.4955+0.4306i
12.6	-0.1324+0.3107i	0.8325+0.1069i	29.5301-7.9271i	0.0351+0.1213i	0.8083+0.6154i	-0.1774+0.5744i	0.0284-0.1314i	0.6673+0.5556i
12.7	-0.0800+0.3604i	0.9843+0.1101i	31.8376-9.5939i	0.0741+0.1375i	0.8768+0.7167i	-0.2046+0.6243i	-0.0005-0.1584i	0.8894+0.6442i
12.8	0.0052+0.3731i	1.1782+0.0232i	34.0330-12.4413i	0.1305+0.1276i	1.2468+0.6264i	-0.2288+0.6748i	-0.0500-0.1654i	1.2081+0.5960i
12.9	0.0790+0.3645i	1.3916-0.0795i	37.0508-14.9477i	0.1860+0.1119i	1.7037+0.4475i	-0.3014+0.7242i	-0.0952-0.1589i	1.5349+0.4958i
13.0	0.1483+0.3319i	1.6444-0.2662i	41.4611-18.7371i	0.2456+0.0750i	2.2540+0.2093i	-0.3950+0.8129i	-0.1391-0.1377i	1.9005+0.2744i
13.1	0.1920+0.3034i	1.9016-0.4790i	46.6739-23.2777i	0.2999+0.0348i	2.6814-0.0485i	-0.5084+0.9364i	-0.1668-0.1141i	2.2282+0.0368i
13.2	0.2385+0.2623i	2.2440-0.8444i	53.8406-31.3123i	0.3720-0.0380i	3.0827-0.6513i	-0.6931+1.1660i	-0.1881-0.0835i	2.6282-0.3601i
13.3	0.2794+0.2209i	2.5122-1.3977i	59.1184-43.7364i	0.4333-0.1407i	3.4056-1.3859i	-0.8129+1.5268i	-0.1954-0.0574i	2.9521-0.9309i
13.4	0.3522+0.1480i	2.8114-2.5461i	64.3616-69.4227i	0.5208-0.3537i	3.7031-2.6329i	-0.9002+2.2958i	-0.1881-0.0252i	3.3545-2.0915i
13.5	0.3742+0.0429i	2.2626-3.6580i	51.2242-93.5700i	0.4365-0.5798i	3.1249-4.1254i	-0.4261+2.9032i	-0.1888-0.0166i	2.9279-3.2549i
13.6	0.3037-0.1688i	0.2195-4.8831i	5.1973-117.6997i	0.0621-0.8913i	0.8285-5.6009i	1.0139+3.4751i	-0.2130-0.0261i	1.0587-4.6973i
13.7	0.0991-0.2406i	-1.7504-4.1443i	-35.1510-98.6081i	-0.3949-0.8111i	-1.4452-4.7257i	2.2295+2.8335i	-0.2748-0.0062i	-0.9455-4.2053i
13.8	-0.0511-0.1962i	-2.4477-2.8960i	-46.7508-70.9895i	-0.6176-0.5749i	-2.2756-3.5198i	2.5957+1.9715i	-0.3162+0.0340i	-1.7543-3.0884i
13.9	-0.1406-0.1017i	-2.4713-1.8952i	-43.8742-51.6089i	-0.6949-0.3321i	-2.3229-2.4952i	2.5716+1.3164i	-0.3418+0.0984i	-1.8838-2.1462i
14.0	-0.1702-0.0192i	-2.2665-1.3950i	-37.6869-43.9834i	-0.6946-0.1730i	-2.1235-1.9975i	2.4608+0.9739i	-0.3539+0.1582i	-1.7422-1.6611i
14.1	-0.1721+0.0846i	-2.0019-1.0245i	-31.8164-41.6950i	-0.6583+0.0206i	-1.8653-1.5417i	2.3334+0.5783i	-0.3454+0.2734i	-1.5419-1.3007i
14.2	-0.1454+0.2120i	-1.7829-0.7004i	-29.2980-42.6426i	-0.5882+0.2666i	-1.6764-1.2057i	2.1794+0.0296i	-0.2984+0.4461i	-1.3844-0.9768i
14.3	-0.0615+0.3177i	-1.6417-0.4965i	-33.1862-45.1538i	-0.4155+0.4677i	-1.5668-1.0253i	1.7952-0.4200i	-0.1457+0.6036i	-1.2746-0.7833i
14.4	0.0694+0.3263i	-1.5209-0.3773i	-41.0656-41.7363i	-0.1496+0.4840i	-1.5553-0.8255i	1.1750-0.4805i	0.0980+0.5988i	-1.1731-0.6665i
14.5	0.1663+0.2746i	-1.4263-0.2650i	-46.1400-33.8206i	0.0471+0.3826i	-1.4316-0.7967i	0.7071-0.2627i	0.2803+0.4798i	-1.0887-0.5633i
14.6	0.1903+0.1970i	-1.3178-0.1605i	-44.2004-24.5079i	0.1020+0.2150i	-1.3130-0.6782i	0.5388+0.1695i	0.3203+0.2992i	-0.9819-0.4900i
14.7	0.2008+0.1494i	-1.2050-0.0451i	-40.8969-18.2473i	0.1002+0.0887i	-1.2384-0.5004i	0.5974+0.5830i	0.3075+0.1604i	-0.8927-0.4386i
14.8	0.2207+0.1218i	-1.0890+0.0469i	-38.5538-15.0280i	0.0864+0.0144i	-1.1520-0.4671i	0.7880+0.8569i	0.2862+0.0786i	-0.8318-0.4214i
14.9	0.2400+0.0786i	-0.9326+0.0941i	-36.1795-12.9553i	0.0480-0.0331i	-1.2159-0.4586i	1.1210+0.9314i	0.2399+0.0213i	-0.7883-0.4124i
15.0	0.2284+0.0039i	-0.7650+0.0424i	-33.5193-10.8800i	-0.0064-0.0637i	-1.1664-0.4482i	1.4329+0.7075i	0.1722-0.0131i	-0.7507-0.4123i
15.1	0.1818-0.0590i	-0.7078-0.0216i	-31.8699-8.8008i	-0.0549-0.0822i	-1.1319-0.3956i	1.5234+0.4436i	0.1232-0.0290i	-0.7761-0.4152i
15.2	0.1278-0.0739i	-0.6946-0.0561i	-30.3736-7.4794i	-0.0907-0.0754i	-1.1236-0.3361i	1.4727+0.2791i	0.0886-0.0236i	-0.8026-0.3782i
15.3	0.0844-0.0546i	-0.6852-0.0626i	-28.3033-6.2343i	-0.1125-0.0510i	-1.0656-0.3281i	1.3690+0.1724i	0.0665-0.0048i	-0.7916-0.2989i
15.4	0.0701-0.0287i	-0.6709-0.0551i	-26.5219-5.4075i	-0.1146-0.0282i	-0.9907-0.2737i	1.2907+0.1244i	0.0614+0.0096i	-0.7470-0.2298i
15.5	0.0645-0.0159i	-0.6590-0.0479i	-25.1753-4.8822i	-0.1139-0.0163i	-1.0145-0.1927i	1.2352+0.0877i	0.0605+0.0178i	-0.7079-0.1889i
15.6	0.0558-0.0086i	-0.6541-0.0338i	-24.0476-4.3735i	-0.1176-0.0098i	-0.9465-0.1492i	1.1991+0.0602i	0.0583+0.0210i	-0.6812-0.1592i
15.7	0.0492+0.0019i	-0.6438-0.0257i	-22.7064-4.1507i	-0.1215-0.0042i	-0.9740-0.2008i	1.1512+0.0528i	0.0564+0.0212i	-0.6445-0.1398i
15.8	0.0520+0.0026i	-0.6272-0.0098i	-21.7197-3.6851i	-0.1186-0.0037i	-0.9787-0.2552i	1.1126+0.0309i	0.0580+0.0181i	-0.6079-0.1179i
15.9	0.0520+0.0048i	-0.6116+0.0026i	-20.7531-3.7083i	-0.1179-0.0023i	-0.8960-0.2109i	1.0832+0.0229i	0.0568+0.0165i	-0.5742-0.1100i
16.0	0.0485+0.0115i	-0.5940+0.0187i	-19.8766-3.5777i	-0.1210+0.0018i	-0.8169-0.1291i	1.0583+0.0254i	0.0553+0.0146i	-0.5448-0.0973i
16.1	0.0505+0.0147i	-0.5819+0.0295i	-19.2390-3.4948i	-0.1226+0.0057i	-0.9067-0.0871i	1.0514+0.0326i	0.0534+0.0144i	-0.5207-0.0894i
16.2	0.0551+0.0159i	-0.5652+0.0367i	-18.5435-3.4738i	-0.1224+0.0079i	-0.8230-0.1295i	1.0476+0.0226i	0.0542+0.0140i	-0.4913-0.0880i
16.3	0.0579+0.0164i	-0.5533+0.0454i	-18.0127-3.4959i	-0.1236+0.0114i	-0.7989-0.0918i	1.0455-0.0125i	0.0557+0.0143i	-0.4658-0.0904i
16.4	0.0567+0.0066i	-0.5359+0.0573i	-17.4154-3.4355i	-0.1265+0.0111i	-0.9333-0.0929i	1.0259-0.0512i	0.0546+0.0091i	-0.4437-0.0980i
16.5	0.0539-0.0045i	-0.5260+0.0695i	-16.9744-3.4564i	-0.1307+0.0101i	-0.8376-0.1575i	1.0062-0.0791i	0.0524+0.0024i	-0.4291-0.1118i
16.6	0.0421-0.0142i	-0.5185+0.0855i	-16.7224-3.5797i	-0.1336+0.0087i	-0.7209-0.1435i	0.9332-0.1082i	0.0483-0.0025i	-0.4346-0.1338i
16.7	0.0242-0.0077i	-0.5031+0.1084i	-16.4908-3.5881i	-0.1401+0.0121i	-0.7890-0.1733i	0.8672-0.0864i	0.0434-0.0043i	-0.4483-0.1289i
16.8	0.0153+0.0076i	-0.4666+0.1307i	-16.2949-3.3679i	-0.1429+0.0169i	-0.8530-0.1167i	0.8268-0.0353i	0.0381-0.0043i	-0.4540-0.1057i
16.9	0.0171+0.0141i	-0.4447+0.1178i	-16.0279-3.0231i	-0.1448+0.0198i	-0.7842-0.0808i	0.8479-0.0058i	0.0343-0.0027i	-0.4453-0.0832i
17.0	0.0170+0.0218i	-0.4318+0.1223i	-15.6821-3.0019i	-0.1496+0.0246i	-0.6866+0.0134i	0.8434-0.0112i	0.0314+0.0023i	-0.4279-0.0699i
17.1	0.0186+0.0286i	-0.3982+0.1154i	-15.5480-2.8449i	-0.1529+0.0307i	-0.7171-0.0013i	0.8169+0.0042i	0.0312+0.0050i	-0.4076-0.0613i
17.2	0.0211+0.0339i	-0.4048+0.0913i	-15.0479-2.3268i	-0.1565+0.0356i	-0.6566-0.0246i	0.8427+0.0658i	0.0312+0.0035i	-0.3897-0.0646i
17.3	0.0228+0.0371i	-0.4288+0.1059i	-14.5426-2.2580i	-0.1610+0.0416i	-0.7076+0.0001i	0.9036+0.0576i	0.0307+0.0052i	-0.3854-0.0678i
17.4	0.0246+0.0369i	-0.4194+0.1390i	-14.2481-2.4875i	-0.1588+0.0465i	-0.7980-0.0064i	0.9181+0.0122i	0.0296+0.0056i	-0.3834-0.0660i
17.5	0.0281+0.0371i	-0.3716+0.1495i	-14.1269-2.5101i	-0.1627+0.0476i	-0.7659-0.0034i	0.8967+0.0009i	0.0256+0.0073i	-0.3700-0.0585i
17.6	0.0281+0.0370i	-0.3681+0.1390i	-13.8639-2.3973i	-0.1676+0.0539i	-0.6976-0.1157i	0.9068-0.0138i	0.0262+0.0099i	-0.3604-0.0619i
17.7	0.0286+0.0391i	-0.3762+0.1617i	-13.4461-2.4475i	-0.1679+0.0625i	-0.6981-0.0916i	0.9251-0.0521i	0.0272+0.0098i	-0.3529-0.0645i
17.8	0.0310+0.0419i	-0.3623+0.1990i	-13.2187-2.6455i	-0.1689+0.0700i	-0.7055-0.0789i	0.9196-0.0942i	0.0274+0.0102i	-0.3443-0.0657i
17.9	0.0330+0.0407i	-0.3124+0.2242i	-13.1950-2.7940i	-0.1687+0.0792i	-0.6906-0.0688i	0.8840-0.1589i	0.0292+0.0097i	-0.3391-0.0668i
18.0	0.0357+0.0421i	-0.2755+0.2148i	-13.1336-2.7236i	-0.1660+0.0841i	-0.8374-0.0084i	0.8570-0.1820i	0.0298+0.0123i	-0.3385-0.0656i
18.1	0.0379+0.0401i	-0.2419+0.1971i	-13.0945-2.6124i	-0.1594+0.0913i	-0.8041-0.0138i	0.8100-0.2114i	0.0303+0.0166i	-0.3387-0.0673i
18.2	0.0379+0.0372i	-0.2276+0.1813i	-12.9697-2.5074i	-0.1519+0.0959i	-0.6937+0.0240i	0.7611-0.2552i	0.0331+0.0204i	-0.3342-0.0630i

18.3	0.0363+0.0316i	-0.2218+0.1697i	-12.7847-2.4472i	-0.1423+0.0920i	-0.6656+0.0522i	0.6771-0.2783i	0.0428+0.0203i	-0.3318-0.0610i
18.4	0.0319+0.0269i	-0.2241+0.1589i	-12.6190-2.3912i	-0.1355+0.0807i	-0.7475+0.0665i	0.5833-0.2602i	0.0494+0.0144i	-0.3282-0.0569i
18.5	0.0194+0.0204i	-0.2467+0.1629i	-12.4030-2.3614i	-0.1348+0.0517i	-0.7952-0.0030i	0.4431-0.1806i	0.0562+0.0005i	-0.3203-0.0418i
18.6	-0.0019+0.0261i	-0.2426+0.2355i	-12.3114-2.5787i	-0.1868+0.0312i	-0.7935-0.0109i	0.4356+0.0242i	0.0397-0.0151i	-0.3016-0.0528i
18.7	-0.0077+0.0494i	-0.1553+0.2770i	-12.4756-2.6580i	-0.2303+0.0735i	-0.8854+0.0364i	0.5754+0.0774i	0.0225-0.0044i	-0.3026-0.0725i
18.8	-0.0009+0.0629i	-0.0816+0.2421i	-12.5751-2.4352i	-0.2216+0.1139i	-0.9220+0.0789i	0.5949+0.0190i	0.0257+0.0111i	-0.3170-0.0719i
18.9	0.0037+0.0738i	-0.0501+0.2120i	-12.5302-2.2105i	-0.2090+0.1296i	-0.8474+0.1457i	0.5662+0.0103i	0.0330+0.0155i	-0.3204-0.0585i
19.0	0.0098+0.0864i	-0.0169+0.1886i	-12.4364-2.0043i	-0.2032+0.1404i	-0.8582+0.1826i	0.5600+0.0477i	0.0370+0.0164i	-0.3194-0.0406i
19.1	0.0180+0.0960i	0.0091+0.1447i	-12.2721-1.8361i	-0.1979+0.1475i	-0.9644+0.1443i	0.5614+0.0914i	0.0445+0.0152i	-0.3151-0.0280i
19.2	0.0254+0.0976i	0.0193+0.1163i	-12.0969-1.6928i	-0.1969+0.1513i	-0.9072+0.1538i	0.5699+0.1134i	0.0479+0.0137i	-0.3061-0.0252i
19.3	0.0345+0.1071i	0.0326+0.0897i	-11.8631-1.5686i	-0.1969+0.1606i	-0.9467+0.2275i	0.5937+0.1387i	0.0517+0.0132i	-0.2951-0.0139i
19.4	0.0427+0.1170i	0.0420+0.0702i	-11.7306-1.4838i	-0.1960+0.1722i	-0.9147+0.2822i	0.6067+0.1477i	0.0549+0.0110i	-0.2839-0.0050i
19.5	0.0570+0.1237i	0.0561+0.0482i	-11.5765-1.4254i	-0.1934+0.1858i	-0.9583+0.4142i	0.6307+0.1546i	0.0579+0.0081i	-0.2652+0.0029i
19.6	0.0788+0.1260i	0.0706+0.0109i	-11.3095-1.3539i	-0.1814+0.2005i	-0.9496+0.4141i	0.6520+0.1465i	0.0644+0.0062i	-0.2336+0.0093i
19.7	0.0922+0.1216i	0.0802-0.0187i	-11.1497-1.3509i	-0.1750+0.2036i	-0.9175+0.3845i	0.6597+0.1408i	0.0706+0.0027i	-0.2141+0.0040i
19.8	0.1071+0.1175i	0.0865-0.0549i	-10.9378-1.2891i	-0.1678+0.2134i	-0.9054+0.3672i	0.6368+0.1295i	0.0766-0.0022i	-0.1884-0.0017i
19.9	0.1201+0.1139i	0.0774-0.0839i	-10.8049-1.2638i	-0.1584+0.2187i	-0.9861+0.3935i	0.6373+0.1347i	0.0811-0.0065i	-0.1742-0.0076i
20.0	0.1355+0.1038i	0.0675-0.1122i	-10.6642-1.3001i	-0.1492+0.2195i	-0.9529+0.3923i	0.6210+0.1435i	0.0830-0.0151i	-0.1417-0.0247i
20.1	0.1503+0.0928i	0.0652-0.1315i	-10.4992-1.3475i	-0.1453+0.2223i	-0.9621+0.4245i	0.5953+0.1605i	0.0827-0.0230i	-0.1087-0.0490i
20.2	0.1588+0.0784i	0.0571-0.1480i	-10.3632-1.4140i	-0.1396+0.2252i	-0.9459+0.4240i	0.5852+0.1915i	0.0793-0.0290i	-0.0884-0.0850i
20.3	0.1653+0.0637i	0.0595-0.1648i	-10.2683-1.4550i	-0.1388+0.2252i	-0.9619+0.4478i	0.5864+0.2297i	0.0794-0.0354i	-0.0797-0.1268i
20.4	0.1710+0.0471i	0.0745-0.1897i	-10.1638-1.4853i	-0.1425+0.2268i	-0.9221+0.5035i	0.6007+0.2697i	0.0823-0.0412i	-0.0794-0.1739i
20.5	0.1804+0.0302i	0.0933-0.2233i	-10.0053-1.4824i	-0.1474+0.2313i	-0.8383+0.4058i	0.6083+0.2878i	0.0834-0.0453i	-0.0584-0.2199i
20.6	0.1851+0.0073i	0.0983-0.2764i	-9.8408-1.5423i	-0.1499+0.2406i	-0.8393+0.5358i	0.6175+0.3162i	0.0856-0.0543i	-0.0528-0.2756i
20.7	0.1745-0.0164i	0.0596-0.3317i	-9.8308-1.6695i	-0.1387+0.2521i	-0.9039+0.5340i	0.6058+0.3507i	0.0796-0.0637i	-0.0909-0.3408i
20.8	0.1605-0.0279i	0.0200-0.3566i	-9.8408-1.7387i	-0.1278+0.2602i	-0.7610+0.5139i	0.6267+0.3966i	0.0746-0.0677i	-0.1508-0.3874i
20.9	0.1356-0.0554i	-0.0464-0.4071i	-9.8517-1.8036i	-0.1090+0.2686i	-0.8300+0.6352i	0.6128+0.4216i	0.0666-0.0769i	-0.2293-0.4502i
21.0	0.1145-0.0694i	-0.0994-0.4316i	-9.8415-1.7960i	-0.0970+0.2697i	-0.9214+0.7069i	0.5927+0.4755i	0.0618-0.0856i	-0.2908-0.4829i
21.1	0.0966-0.0674i	-0.1485-0.4296i	-9.7999-1.7377i	-0.0909+0.2641i	-1.0086+0.5459i	0.6040+0.5735i	0.0555-0.0937i	-0.3522-0.4877i
21.2	0.0691-0.0619i	-0.2018-0.4143i	-9.7431-1.6949i	-0.0845+0.2582i	-1.0565+0.4160i	0.6321+0.6798i	0.0485-0.0980i	-0.4330-0.4813i
21.3	0.0491-0.0513i	-0.2364-0.3904i	-9.6731-1.6600i	-0.0865+0.2540i	-0.9749+0.5107i	0.7080+0.7988i	0.0352-0.1003i	-0.5028-0.4776i
21.4	0.0405-0.0327i	-0.2513-0.3653i	-9.5515-1.5864i	-0.0915+0.2575i	-0.9643+0.5762i	0.8580+0.8963i	0.0248-0.0985i	-0.5663-0.4622i
21.5	0.0440-0.0113i	-0.2359-0.3188i	-9.3663-1.5430i	-0.1064+0.2501i	-1.0839+0.6384i	1.0582+0.9157i	0.0279-0.0928i	-0.6369-0.3882i
21.6	0.0430+0.0083i	-0.2314-0.2770i	-9.2936-1.5482i	-0.1141+0.2413i	-1.1673+0.7190i	1.1506+0.9501i	0.0287-0.0902i	-0.6877-0.3340i
21.7	0.0479+0.0148i	-0.2206-0.2848i	-9.2184-1.6342i	-0.1235+0.2545i	-1.2583+0.6915i	1.2855+0.9451i	0.0252-0.0926i	-0.7252-0.2990i
21.8	0.0530+0.0246i	-0.2126-0.2744i	-9.0241-1.6587i	-0.1323+0.2591i	-1.2880+0.7877i	1.4376+0.8802i	0.0290-0.0905i	-0.7753-0.2324i
21.9	0.0708+0.0315i	-0.1642-0.2928i	-8.8351-1.7297i	-0.1573+0.2831i	-1.3905+0.9438i	1.6245+0.8239i	0.0316-0.0928i	-0.8057-0.1678i
22.0	0.0854+0.0413i	-0.1244-0.3058i	-8.6760-1.8791i	-0.1816+0.3106i	-1.4305+1.1446i	1.7800+0.7463i	0.0337-0.0985i	-0.8308-0.0732i
22.1	0.1017+0.0435i	-0.0941-0.3291i	-8.5270-1.9856i	-0.1941+0.3345i	-1.5492+1.2761i	1.9399+0.6133i	0.0382-0.0967i	-0.8588-0.0075i
22.2	0.1063+0.0364i	-0.0958-0.3823i	-8.4585-2.1933i	-0.1886+0.3764i	-1.4329+1.5046i	2.0192+0.4621i	0.0399-0.1103i	-0.8719+0.0741i
22.3	0.1221+0.0228i	-0.0747-0.4595i	-8.3784-2.4803i	-0.1876+0.4278i	-1.4947+1.7945i	2.1008+0.2651i	0.0461-0.1252i	-0.8853+0.1806i
22.4	0.1252+0.0097i	-0.1085-0.5409i	-8.4107-2.7444i	-0.1610+0.4819i	-1.3942+2.0779i	2.0875+0.0863i	0.0328-0.1429i	-0.8435+0.2726i
22.5	0.1282-0.0058i	-0.1494-0.6369i	-8.5274-3.0377i	-0.1287+0.5397i	-1.1746+2.3317i	2.0704-0.1256i	0.0232-0.1624i	-0.8034+0.3962i
22.6	0.1284-0.0173i	-0.2046-0.7202i	-8.6751-3.3005i	-0.0908+0.5906i	-0.9713+2.7908i	2.0396-0.3196i	0.0128-0.1803i	-0.7505+0.5273i
22.7	0.1194-0.0383i	-0.3285-0.8095i	-9.0325-3.5221i	-0.0114+0.6402i	-0.4889+3.1983i	1.9299-0.4764i	-0.0169-0.1985i	-0.6291+0.6080i
22.8	0.1008-0.0455i	-0.4920-0.8201i	-9.4238-3.5562i	0.0846+0.6436i	0.0359+3.1960i	1.7464-0.5626i	-0.0528-0.1981i	-0.4854+0.6545i
22.9	0.0828-0.0519i	-0.6530-0.7975i	-9.7937-3.4429i	0.1796+0.6257i	0.5685+3.1435i	1.5534-0.6057i	-0.0856-0.1941i	-0.3192+0.6593i
23.0	0.0639-0.0390i	-0.7947-0.6845i	-10.1264-3.1662i	0.2650+0.5641i	0.9925+2.7571i	1.4083-0.5008i	-0.1159-0.1763i	-0.1688+0.5860i
23.1	0.0648-0.0287i	-0.8719-0.5920i	-10.3650-2.9564i	0.3221+0.5075i	1.4758+2.4359i	1.3805-0.4188i	-0.1397-0.1531i	-0.0440+0.5098i
23.2	0.0635-0.0232i	-0.9110-0.4879i	-10.4118-2.6388i	0.3443+0.4412i	1.6458+2.0925i	1.4026-0.3959i	-0.1493-0.1246i	0.0104+0.4140i
23.3	0.0616-0.0192i	-0.9129-0.4028i	-10.3149-2.3632i	0.3399+0.3885i	1.5233+1.7278i	1.3840-0.3996i	-0.1471-0.1042i	0.0256+0.3520i
23.4	0.0608-0.0175i	-0.9244-0.3141i	-10.2905-2.1276i	0.3409+0.3351i	1.6780+1.4529i	1.3811-0.3911i	-0.1485-0.0847i	0.0635+0.2557i
23.5	0.0594-0.0114i	-0.9169-0.2361i	-10.2015-1.9348i	0.3297+0.2934i	1.6046+1.2011i	1.4131-0.3833i	-0.1443-0.0682i	0.0423+0.1790i
23.6	0.0610-0.0086i	-0.9019-0.1809i	-10.0951-1.8159i	0.3177+0.2655i	1.4540+0.9386i	1.4161-0.4131i	-0.1394-0.0566i	0.0274+0.1348i
23.7	0.0617-0.0084i	-0.8871-0.1371i	-9.9978-1.6827i	0.3057+0.2449i	1.4402+0.7629i	1.4171-0.4545i	-0.1363-0.0461i	0.0138+0.0918i
23.8	0.0617-0.0067i	-0.8601-0.0876i	-9.8642-1.6156i	0.2942+0.2257i	1.5186+0.5677i	1.3952-0.4918i	-0.1297-0.0369i	0.0036+0.0452i
23.9	0.0603-0.0042i	-0.8465-0.0582i	-9.7827-1.6011i	0.2855+0.2137i	1.3824+0.4307i	1.3727-0.5109i	-0.1242-0.0306i	-0.0193+0.0234i
24.0	0.0596+0.0012i	-0.8266-0.0215i	-9.6250-1.5543i	0.2755+0.1979i	1.2390+0.3297i	1.3252-0.5105i	-0.1169-0.0263i	-0.0349+0.0005i
24.1	0.0607+0.0022i	-0.8075+0.0009i	-9.5051-1.5134i	0.2679+0.1875i	1.1746+0.3731i	1.2958-0.5090i	-0.1129-0.0257i	-0.0519-0.0052i
24.2	0.0617+0.0025i	-0.7895+0.0254i	-9.3947-1.4414i	0.2633+0.1734i	1.1605+0.3945i	1.2640-0.5182i	-0.1083-0.0236i	-0.0665-0.0241i
24.3	0.0627+0.0052i	-0.7679+0.0496i	-9.2853-1.4186i	0.2538+0.1594i	1.0400+0.2519i	1.2556-0.5079i	-0.1064-0.0203i	-0.0805-0.0320i
24.4	0.0619+0.0080i	-0.7602+0.0671i	-9.2135-1.3882i	0.2478+0.1511i	0.8937+0.1267i	1.2470-0.4994i	-0.1049-0.0189i	-0.0895-0.0399i
24.5	0.0622+0.0106i	-0.7448+0.0862i	-9.0818-1.4280i	0.2341+0.1384i	0.8688+0.1247i	1.2209-0.4468i	-0.1021-0.0185i	-0.0953-0.0525i

24.6	0.0650+0.0162i	-0.7287+0.1027i	-8.9818-1.4834i	0.2243+0.1309i	0.8096+0.0686i	1.2382-0.4223i	-0.1015-0.0181i	-0.1035-0.0537i
24.7	0.0715+0.0204i	-0.7120+0.1166i	-8.9111-1.4990i	0.2135+0.1280i	0.7447+0.0615i	1.2819-0.4083i	-0.1035-0.0176i	-0.1110-0.0502i
24.8	0.0787+0.0223i	-0.6911+0.1318i	-8.7818-1.5200i	0.2002+0.1231i	0.7523+0.0353i	1.3314-0.4067i	-0.1048-0.0130i	-0.1123-0.0583i
24.9	0.0805+0.0178i	-0.6771+0.1354i	-8.7377-1.5597i	0.1897+0.1220i	0.7999+0.1094i	1.3745-0.4415i	-0.1058-0.0095i	-0.1178-0.0670i
25.0	0.0778+0.0177i	-0.6719+0.1447i	-8.6765-1.5839i	0.1793+0.1247i	0.8730+0.0322i	1.3775-0.4748i	-0.1054-0.0034i	-0.1186-0.0841i
25.1	0.0828+0.0235i	-0.6577+0.1620i	-8.4905-1.5825i	0.1719+0.1270i	0.7787+0.0469i	1.3633-0.4855i	-0.1028+0.0042i	-0.1039-0.0644i
25.2	0.0859+0.0228i	-0.6471+0.1673i	-8.3778-1.6373i	0.1660+0.1291i	0.7239+0.0704i	1.3852-0.5106i	-0.0997+0.0098i	-0.1117-0.0702i
25.3	0.0844+0.0229i	-0.6475+0.1756i	-8.3181-1.6755i	0.1656+0.1321i	0.6657+0.0281i	1.3876-0.5399i	-0.0974+0.0134i	-0.1233-0.0737i
25.4	0.0862+0.0232i	-0.6471+0.1971i	-8.1728-1.7553i	0.1606+0.1322i	0.7294-0.0609i	1.4011-0.5618i	-0.0938+0.0143i	-0.1026-0.0890i
25.5	0.0916+0.0238i	-0.6350+0.2105i	-8.0581-1.8614i	0.1520+0.1323i	0.6560-0.0353i	1.4336-0.5716i	-0.0938+0.0173i	-0.0942-0.1013i
25.6	0.0954+0.0254i	-0.6256+0.2318i	-7.9601-1.9938i	0.1435+0.1342i	0.5846+0.0271i	1.4721-0.6106i	-0.0921+0.0215i	-0.0854-0.1165i
25.7	0.0994+0.0232i	-0.6140+0.2579i	-7.8678-2.1681i	0.1373+0.1410i	0.4897+0.0528i	1.4909-0.6853i	-0.0865+0.0254i	-0.0748-0.1392i
25.8	0.1014+0.0263i	-0.5973+0.2815i	-7.7936-2.3335i	0.1371+0.1506i	0.5517-0.0941i	1.4793-0.7345i	-0.0790+0.0281i	-0.0768-0.1602i
25.9	0.1085+0.0345i	-0.5646+0.3159i	-7.7990-2.5854i	0.1392+0.1603i	0.5527-0.1320i	1.4776-0.7573i	-0.0723+0.0315i	-0.0764-0.1919i
26.0	0.1215+0.0352i	-0.5332+0.3318i	-7.7808-2.7538i	0.1420+0.1673i	0.5916-0.1215i	1.5123-0.7922i	-0.0656+0.0319i	-0.0726-0.2169i
26.1	0.1365+0.0269i	-0.4937+0.3419i	-7.7616-2.9213i	0.1421+0.1701i	0.5267-0.1595i	1.5384-0.8723i	-0.0578+0.0300i	-0.0705-0.2480i
26.2	0.1402+0.0127i	-0.4428+0.3413i	-7.8668-3.1455i	0.1468+0.1748i	0.3573-0.0584i	1.5173-0.9645i	-0.0496+0.0279i	-0.0909-0.2853i
26.3	0.1338-0.0002i	-0.3945+0.3381i	-8.0145-3.3813i	0.1536+0.1769i	0.3943-0.0152i	1.4404-1.0583i	-0.0440+0.0215i	-0.1104-0.3257i
26.4	0.1283-0.0035i	-0.3640+0.3189i	-8.1718-3.4931i	0.1580+0.1772i	0.4183-0.1621i	1.3649-1.0801i	-0.0428+0.0144i	-0.1345-0.3466i
26.5	0.1236-0.0081i	-0.3171+0.2959i	-8.3421-3.6245i	0.1590+0.1766i	0.4281-0.1975i	1.3209-1.1239i	-0.0378+0.0091i	-0.1606-0.3792i
26.6	0.1179-0.0043i	-0.2850+0.2649i	-8.4479-3.6922i	0.1556+0.1797i	0.4656-0.1610i	1.2832-1.1352i	-0.0379+0.0029i	-0.1895-0.4110i
26.7	0.1150+0.0037i	-0.2599+0.2203i	-8.6239-3.6820i	0.1566+0.1860i	0.3089-0.1464i	1.2153-1.1467i	-0.0390-0.0014i	-0.2271-0.4238i
26.8	0.1163+0.0082i	-0.2379+0.1939i	-8.7207-3.7062i	0.1553+0.1903i	0.2686-0.1821i	1.2044-1.1594i	-0.0398-0.0056i	-0.2508-0.4532i
26.9	0.1204+0.0072i	-0.2234+0.1437i	-8.8247-3.7606i	0.1549+0.2004i	0.2092-0.3440i	1.1719-1.2032i	-0.0422-0.0126i	-0.2922-0.4947i
27.0	0.1211+0.0062i	-0.2262+0.0902i	-8.9437-3.8353i	0.1645+0.2109i	0.1356-0.1373i	1.0925-1.2600i	-0.0441-0.0178i	-0.3534-0.5087i
27.1	0.1188+0.0083i	-0.2356+0.0431i	-9.0519-3.9052i	0.1705+0.2190i	0.0288-0.0504i	1.0083-1.2750i	-0.0453-0.0255i	-0.4087-0.5322i
27.2	0.1187+0.0127i	-0.2522+0.0075i	-9.2079-3.9384i	0.1791+0.2247i	-0.0045-0.0874i	0.9135-1.2639i	-0.0518-0.0359i	-0.4763-0.5434i
27.3	0.1183+0.0194i	-0.2659-0.0294i	-9.4181-4.0580i	0.1920+0.2312i	-0.1093-0.0602i	0.8218-1.2347i	-0.0627-0.0442i	-0.5628-0.5487i
27.4	0.1177+0.0285i	-0.2878-0.0678i	-9.6622-4.1367i	0.2047+0.2366i	-0.0199-0.0652i	0.7443-1.1931i	-0.0728-0.0460i	-0.6458-0.5361i
27.5	0.1249+0.0438i	-0.3300-0.0949i	-9.9553-4.0066i	0.2205+0.2357i	0.0303+0.0626i	0.6982-1.1089i	-0.0891-0.0401i	-0.7315-0.4636i
27.6	0.1345+0.0550i	-0.3675-0.1173i	-10.2614-3.8232i	0.2411+0.2350i	-0.1093+0.1385i	0.6443-1.0041i	-0.1055-0.0336i	-0.8088-0.3811i
27.7	0.1496+0.0595i	-0.3998-0.1209i	-10.3324-3.6671i	0.2529+0.2319i	-0.0129+0.1885i	0.6584-0.9134i	-0.1084-0.0249i	-0.8201-0.2967i
27.8	0.1657+0.0622i	-0.4268-0.1359i	-10.4576-3.5558i	0.2638+0.2286i	-0.0792+0.2841i	0.6678-0.8546i	-0.1112-0.0176i	-0.8354-0.2400i
27.9	0.1813+0.0623i	-0.4587-0.1452i	-10.5601-3.3449i	0.2721+0.2244i	-0.0039+0.2352i	0.7126-0.8018i	-0.1170-0.0074i	-0.8493-0.1784i
28.0	0.1989+0.0563i	-0.4997-0.1522i	-10.5896-3.1615i	0.2745+0.2239i	0.1036+0.2625i	0.7905-0.7896i	-0.1198+0.0065i	-0.8197-0.1172i
28.1	0.2116+0.0557i	-0.5366-0.1452i	-10.6246-3.0359i	0.2897+0.2305i	0.0784+0.2183i	0.7964-0.7982i	-0.1170+0.0194i	-0.7979-0.0855i
28.2	0.2318+0.0604i	-0.5678-0.1328i	-10.5790-2.8654i	0.3207+0.2411i	0.1558+0.2844i	0.7794-0.7655i	-0.1043+0.0299i	-0.7727-0.0635i
28.3	0.2562+0.0439i	-0.5875-0.1293i	-10.5843-2.7253i	0.3488+0.2198i	0.2375+0.2091i	0.8263-0.7306i	-0.0927+0.0276i	-0.7443-0.0485i
28.4	0.2648+0.0190i	-0.6206-0.1198i	-10.5531-2.5339i	0.3526+0.1869i	0.2995+0.1777i	0.9019-0.7186i	-0.0878+0.0248i	-0.7138-0.0344i
28.5	0.2774+0.0104i	-0.6483-0.1044i	-10.5617-2.3777i	0.3565+0.1677i	0.3040+0.0922i	0.9632-0.6780i	-0.0872+0.0252i	-0.7021-0.0172i
28.6	0.2863+0.0000i	-0.6608-0.0941i	-10.4876-2.3491i	0.3548+0.1598i	0.3049+0.0080i	1.0233-0.6930i	-0.0881+0.0294i	-0.6995-0.0015i
28.7	0.2962-0.0182i	-0.6814-0.0810i	-10.3774-2.2579i	0.3574+0.1522i	0.4340+0.0495i	1.0717-0.7218i	-0.0854+0.0309i	-0.6896-0.0047i
28.8	0.3052-0.0372i	-0.6972-0.0701i	-10.3085-2.2471i	0.3653+0.1407i	0.3209+0.0219i	1.1115-0.7648i	-0.0809+0.0314i	-0.6970+0.0056i
28.9	0.3031-0.0470i	-0.7230-0.0663i	-10.2361-2.1974i	0.3702+0.1363i	0.1911-0.0254i	1.1177-0.7927i	-0.0800+0.0313i	-0.7058+0.0007i
29.0	0.2971-0.0734i	-0.7657-0.0597i	-10.1823-2.0708i	0.3718+0.1322i	0.1572+0.0001i	1.1205-0.8771i	-0.0762+0.0254i	-0.7044-0.0256i
29.1	0.2986-0.0952i	-0.7915-0.0494i	-10.1138-2.0181i	0.3732+0.1283i	0.0911+0.0662i	1.1370-0.9487i	-0.0743+0.0231i	-0.7130-0.0362i
29.2	0.3001-0.1040i	-0.8162-0.0383i	-10.0300-2.0517i	0.3814+0.1236i	0.2110+0.0972i	1.1462-0.9496i	-0.0761+0.0199i	-0.7391-0.0417i
29.3	0.3003-0.1187i	-0.8399-0.0103i	-9.9856-2.0302i	0.3932+0.1064i	0.1901+0.0507i	1.1523-0.9803i	-0.0781+0.0220i	-0.7707-0.0114i
29.4	0.3015-0.1285i	-0.8556+0.0207i	-9.9043-2.0588i	0.4032+0.0999i	0.3594+0.0255i	1.1755-1.0042i	-0.0781+0.0205i	-0.7978-0.0068i
29.5	0.2986-0.1433i	-0.8755+0.0292i	-9.8528-2.0983i	0.4117+0.0914i	0.2143+0.0353i	1.1673-1.0406i	-0.0798+0.0221i	-0.8212+0.0057i
29.6	0.2851-0.1524i	-0.9158+0.0611i	-9.7965-2.1005i	0.4174+0.0817i	0.1603-0.0172i	1.1205-1.0502i	-0.0797+0.0198i	-0.8483+0.0122i
29.7	0.2850-0.1595i	-0.9403+0.1059i	-9.7362-2.0774i	0.4275+0.0714i	0.2433-0.0786i	1.1359-1.0706i	-0.0812+0.0168i	-0.8794+0.0184i
29.8	0.2733-0.1651i	-0.9717+0.1459i	-9.7422-2.0629i	0.4321+0.0623i	0.3220-0.0677i	1.1088-1.0805i	-0.0833+0.0177i	-0.9061+0.0405i
29.9	0.2672-0.1797i	-0.9840+0.1709i	-9.7415-2.1366i	0.4418+0.0465i	0.3178+0.0291i	1.1111-1.1193i	-0.0864+0.0192i	-0.9404+0.0767i
30.0	0.2558-0.1909i	-1.0116+0.1926i	-9.6941-2.1536i	0.4438+0.0305i	0.2179-0.0668i	1.1103-1.1477i	-0.0902+0.0183i	-0.9669+0.1087i
30.1	0.2563-0.2028i	-1.0054+0.2459i	-9.6633-2.1914i	0.4523+0.0155i	0.1827-0.0742i	1.1424-1.1869i	-0.0998+0.0178i	-1.0277+0.1570i
30.2	0.2474-0.2182i	-1.0087+0.2655i	-9.6192-2.2815i	0.4531+0.0029i	0.0839+0.0193i	1.1524-1.2474i	-0.1056+0.0135i	-1.0499+0.2002i
30.3	0.2406-0.2358i	-1.0193+0.3070i	-9.5950-2.2819i	0.4546-0.0134i	0.1899+0.0968i	1.2041-1.3385i	-0.1204+0.0129i	-1.0851+0.2679i
30.4	0.2284-0.2379i	-1.0223+0.3470i	-9.5401-2.2808i	0.4559-0.0183i	0.1837+0.0120i	1.1656-1.4375i	-0.1318+0.0267i	-1.0740+0.3318i
30.5	0.2161-0.2449i	-1.0208+0.3673i	-9.5202-2.3372i	0.4661-0.0244i	0.1910+0.0069i	1.0789-1.5181i	-0.1313+0.0413i	-1.0538+0.3815i
30.6	0.2016-0.2446i	-1.0409+0.3952i	-9.5368-2.3948i	0.4865-0.0364i	0.0990-0.0783i	0.9732-1.5272i	-0.1306+0.0509i	-1.0630+0.3957i
30.7	0.1895-0.2430i	-1.0641+0.4378i	-9.5148-2.4278i	0.5037-0.0584i	0.1573-0.0493i	0.9149-1.5010i	-0.1309+0.0596i	-1.0957+0.4357i
30.8	0.1756-0.2364i	-1.0978+0.4790i	-9.5191-2.4824i	0.5209-0.0797i	0.1867-0.0130i	0.8711-1.4914i	-0.1349+0.0659i	-1.1471+0.4871i

30.9	0.1674−0.2369i	−1.1012+0.5339i	−9.4760−2.5395i	0.5313−0.1166i	0.2671−0.1317i	0.8409−1.4813i	−0.1358+0.0750i	−1.1828+0.5672i
31.0	0.1588−0.2422i	−1.1099+0.5857i	−9.4810−2.5824i	0.5345−0.1484i	0.3581+0.0106i	0.8256−1.5007i	−0.1392+0.0864i	−1.2061+0.6489i
31.1	0.1348−0.2478i	−1.1163+0.6447i	−9.4683−2.7311i	0.5114−0.1954i	0.2310+0.0740i	0.7792−1.5560i	−0.1434+0.1054i	−1.1800+0.7993i
31.2	0.1255−0.2348i	−1.1030+0.7192i	−9.4999−2.8062i	0.5033−0.2206i	0.1366+0.0714i	0.7467−1.5476i	−0.1487+0.1218i	−1.1730+0.8881i
31.3	0.1189−0.2140i	−1.1065+0.7799i	−9.5123−2.8296i	0.4996−0.2428i	0.2005+0.1077i	0.7345−1.5133i	−0.1461+0.1402i	−1.1646+0.9800i
31.4	0.1065−0.2129i	−1.0787+0.8293i	−9.5346−2.8935i	0.4768−0.2809i	0.2517+0.1346i	0.6932−1.5391i	−0.1397+0.1661i	−1.1075+1.1374i
31.5	0.1103−0.2029i	−1.0553+0.9117i	−9.5701−3.0011i	0.4770−0.3139i	0.2814+0.1260i	0.6799−1.5620i	−0.1385+0.1892i	−1.1054+1.2645i
31.6	0.1088−0.1937i	−1.0212+0.9806i	−9.5736−3.0539i	0.4553−0.3487i	0.2181+0.1572i	0.6435−1.5763i	−0.1220+0.2125i	−1.0075+1.3940i
31.7	0.1118−0.1837i	−0.9684+1.0587i	−9.6049−3.1316i	0.4229−0.3940i	0.2021+0.1291i	0.6198−1.6036i	−0.0947+0.2473i	−0.8646+1.5812i
31.8	0.1143−0.1736i	−0.9189+1.1479i	−9.7379−3.2593i	0.3833−0.4308i	0.3585+0.0631i	0.6013−1.6327i	−0.0608+0.2788i	−0.6925+1.7315i
31.9	0.1247−0.1722i	−0.8267+1.2170i	−9.8414−3.3454i	0.3349−0.4709i	0.3412+0.1508i	0.5724−1.6602i	−0.0195+0.3058i	−0.4913+1.8739i
32.0	0.1259−0.1639i	−0.7489+1.2378i	−9.9017−3.3884i	0.2815−0.4606i	0.4375+0.2197i	0.5095−1.6751i	0.0236+0.2990i	−0.2619+1.8250i
32.1	0.1241−0.1471i	−0.6472+1.2836i	−10.0698−3.4926i	0.2022−0.4607i	0.4525+0.2056i	0.4282−1.6808i	0.0889+0.3013i	0.0721+1.8197i
32.2	0.1263−0.1396i	−0.5479+1.2983i	−10.2048−3.5822i	0.1229−0.4543i	0.4357+0.1214i	0.3629−1.6768i	0.1513+0.2992i	0.3883+1.7909i
32.3	0.1386−0.1302i	−0.4367+1.2843i	−10.3214−3.4641i	0.0789−0.4302i	0.3985+0.0948i	0.2894−1.6354i	0.1942+0.2804i	0.5765+1.6824i
32.4	0.1559−0.1182i	−0.3370+1.2680i	−10.5077−3.4035i	0.0515−0.3929i	0.4278+0.0748i	0.2407−1.5959i	0.2310+0.2535i	0.7157+1.5298i
32.5	0.1666−0.1131i	−0.2427+1.2412i	−10.6969−3.3603i	0.0158−0.3349i	0.5090−0.0670i	0.1548−1.5843i	0.2778+0.2024i	0.9089+1.2839i
32.6	0.1854−0.1051i	−0.1744+1.1954i	−10.7591−3.2568i	0.0104−0.2924i	0.4178−0.1989i	0.1088−1.4891i	0.3028+0.1569i	0.9760+1.0673i
32.7	0.2071−0.0982i	−0.1200+1.1551i	−10.7980−3.1951i	0.0228−0.2470i	0.3032−0.2385i	0.0546−1.4299i	0.3098+0.1068i	0.9632+0.8487i
32.8	0.2282−0.0965i	−0.0814+1.0961i	−10.8512−3.1209i	0.0443−0.2197i	0.2955−0.1894i	0.0164−1.3255i	0.3014+0.0676i	0.8857+0.6871i
32.9	0.2539−0.1015i	−0.0436+1.0305i	−10.8664−3.0074i	0.0538−0.2128i	0.2249−0.1519i	0.0535−1.2070i	0.3028+0.0416i	0.8452+0.5924i
33.0	0.2777−0.0919i	−0.0304+0.9926i	−10.8789−2.9631i	0.0994−0.1837i	0.3249−0.1522i	0.0761−1.1219i	0.2774+0.0097i	0.6801+0.4609i
33.1	0.3107−0.0965i	−0.0182+0.9324i	−10.8479−2.9171i	0.1071−0.1726i	0.3218−0.2197i	0.1729−1.0439i	0.2789−0.0124i	0.6405+0.3974i
33.2	0.3593−0.1211i	−0.0034+0.8805i	−10.7607−2.8811i	0.0962−0.1805i	0.2899−0.2379i	0.3527−0.9987i	0.3036−0.0313i	0.6932+0.3931i
33.3	0.3783−0.1523i	−0.0015+0.8495i	−10.7431−2.9027i	0.0890−0.1493i	0.2451−0.2304i	0.4425−1.0950i	0.3152−0.0773i	0.7313+0.2582i
33.4	0.4073−0.1890i	0.0075+0.8137i	−10.7571−2.8859i	0.1042−0.1302i	0.0558−0.2926i	0.5184−1.1754i	0.3133−0.1239i	0.7096+0.1377i
33.5	0.4342−0.2296i	0.0098+0.7736i	−10.8150−2.9015i	0.1434−0.1110i	0.1278−0.2127i	0.5589−1.2633i	0.2941−0.1811i	0.6101−0.0014i
33.6	0.4386−0.2843i	−0.0187+0.7171i	−10.7541−2.8970i	0.1739−0.1127i	0.2216−0.1827i	0.5768−1.3634i	0.2568−0.2178i	0.5016−0.0639i
33.7	0.4386−0.3223i	−0.0397+0.6909i	−10.7436−2.9306i	0.2085−0.1245i	0.2479−0.1863i	0.5579−1.4357i	0.2143−0.2365i	0.3772−0.0750i
33.8	0.4197−0.3539i	−0.0736+0.6781i	−10.7786−2.9712i	0.2438−0.1214i	0.2245−0.0847i	0.4823−1.5384i	0.1668−0.2523i	0.2455−0.1207i
33.9	0.4039−0.3794i	−0.1079+0.6810i	−10.7920−2.9674i	0.2792−0.1415i	0.2913−0.2140i	0.3921−1.6138i	0.1224−0.2434i	0.1383−0.0969i
34.0	0.3927−0.4077i	−0.1273+0.7145i	−10.8625−3.0699i	0.2993−0.1752i	0.1930−0.1606i	0.3173−1.6808i	0.0972−0.2304i	0.0750−0.0552i
34.1	0.3740−0.4202i	−0.1242+0.7538i	−10.9641−3.1712i	0.3228−0.1918i	−0.0351−0.1830i	0.1685−1.7401i	0.0693−0.2145i	−0.0256−0.0412i
34.2	0.3509−0.4381i	−0.1047+0.7729i	−11.0370−3.1459i	0.3152−0.2112i	0.0201−0.2838i	0.0298−1.7880i	0.0699−0.1995i	−0.0339−0.0227i
34.3	0.3348−0.4485i	−0.0730+0.7870i	−11.1719−3.1550i	0.3259−0.2474i	0.0589−0.2391i	−0.1483−1.7475i	0.0706−0.1820i	−0.0714+0.0422i
34.4	0.3226−0.4571i	−0.0521+0.7762i	−11.2100−3.1208i	0.3176−0.2732i	0.0666−0.3462i	−0.2402−1.6834i	0.0840−0.1673i	−0.0619+0.0933i
34.5	0.3210−0.4556i	−0.0376+0.7615i	−11.3010−3.0033i	0.3195−0.2769i	0.0746−0.2905i	−0.3229−1.5935i	0.1038−0.1696i	−0.0618+0.1007i
34.6	0.3101−0.4623i	−0.0274+0.7367i	−11.3656−2.9664i	0.3164−0.2967i	0.1512−0.1592i	−0.4123−1.4743i	0.1030−0.1798i	−0.0840+0.1188i
34.7	0.3077−0.4739i	−0.0184+0.7138i	−11.3792−2.9122i	0.3253−0.3136i	0.0526−0.1721i	−0.4855−1.3717i	0.1020−0.1963i	−0.1099+0.1205i
34.8	0.3045−0.4903i	−0.0146+0.6998i	−11.3881−2.8582i	0.3267−0.3240i	0.0171−0.2480i	−0.5521−1.3052i	0.1099−0.2240i	−0.1110+0.1021i
34.9	0.2960−0.5074i	−0.0123+0.6888i	−11.4051−2.8545i	0.3318−0.3336i	0.0268−0.3477i	−0.6129−1.2650i	0.0989−0.2483i	−0.1477+0.0834i
35.0	0.3058−0.5247i	−0.0217+0.6783i	−11.3545−2.8574i	0.3457−0.3621i	0.0731−0.2669i	−0.5928−1.1577i	0.1021−0.2640i	−0.1573+0.1062i
35.1	0.3180−0.5428i	−0.0258+0.6700i	−11.3597−2.8115i	0.3621−0.4024i	0.0523−0.1438i	−0.5837−1.0413i	0.0997−0.2765i	−0.1761+0.1479i
35.2	0.3187−0.5556i	−0.0275+0.6636i	−11.3136−2.8004i	0.3745−0.4206i	−0.1008−0.1639i	−0.6220−0.9599i	0.1011−0.2855i	−0.1870+0.1623i
35.3	0.3358−0.5738i	−0.0290+0.6582i	−11.3420−2.8531i	0.4066−0.4577i	−0.0382−0.2633i	−0.6311−0.8343i	0.1036−0.3053i	−0.2230+0.1816i
35.4	0.3343−0.6147i	−0.0266+0.6602i	−11.3253−2.9012i	0.4195−0.5259i	−0.0257−0.2423i	−0.6739−0.6937i	0.0902−0.3350i	−0.2576+0.2202i
35.5	0.3266−0.6390i	−0.0307+0.6574i	−11.2656−2.9152i	0.4119−0.5843i	−0.0009−0.1283i	−0.6291−0.5317i	0.0723−0.3423i	−0.2810+0.2766i
35.6	0.3238−0.6640i	−0.0357+0.6611i	−11.3254−2.9067i	0.4054−0.6623i	0.0558−0.1029i	−0.5718−0.3126i	0.0506−0.3480i	−0.3103+0.3623i
35.7	0.3096−0.6932i	−0.0522+0.6860i	−11.3786−3.0391i	0.3811−0.7312i	−0.0300−0.1027i	−0.5289−0.1858i	0.0265−0.3507i	−0.3213+0.4394i
35.8	0.3142−0.7128i	−0.0445+0.7131i	−11.4266−3.0827i	0.3378−0.7961i	−0.0981−0.0552i	−0.3456−0.0242i	0.0367−0.3514i	−0.2626+0.5134i
35.9	0.3119−0.7503i	−0.0091+0.7396i	−11.5302−3.1749i	0.2547−0.8637i	−0.1196−0.1717i	−0.0447+0.0623i	0.0519−0.3579i	−0.1504+0.5873i
36.0	0.2937−0.8003i	0.0267+0.7524i	−11.6824−3.2517i	0.1765−0.9016i	−0.2071−0.0835i	0.1501+0.0155i	0.0575−0.3938i	−0.0518+0.5839i
36.1	0.2537−0.8478i	0.0717+0.7609i	−11.8121−3.2263i	0.0753−0.9217i	−0.3209+0.0861i	0.3199−0.0952i	0.0554−0.4223i	0.0560+0.5747i
36.2	0.2388−0.8872i	0.1042+0.7452i	−11.8932−3.1703i	0.0126−0.9431i	−0.2731−0.0720i	0.4456−0.1433i	0.0550−0.4550i	0.1246+0.5696i
36.3	0.2152−0.9293i	0.1309+0.7119i	−11.9628−3.1402i	−0.0420−0.9383i	−0.2578−0.1314i	0.5260−0.2317i	0.0287−0.5057i	0.1448+0.5020i
36.4	0.1761−0.9678i	0.1644+0.6871i	−12.0857−3.0855i	−0.1082−0.9181i	−0.2835+0.0206i	0.5382−0.3602i	0.0124−0.5517i	0.1906+0.4239i
36.5	0.1316−0.9987i	0.1776+0.6462i	−12.0963−2.9861i	−0.1401−0.8996i	−0.2045+0.0445i	0.5165−0.4505i	−0.0446−0.5911i	0.1552+0.3585i
36.6	0.0921−1.0139i	0.1943+0.6168i	−12.1797−2.9273i	−0.1829−0.8835i	−0.0866−0.0364i	0.5313−0.4977i	−0.0808−0.5998i	0.1638+0.3367i
36.7	0.0460−1.0162i	0.1996+0.5870i	−12.2327−2.7979i	−0.2181−0.8466i	−0.1823−0.0512i	0.5018−0.5502i	−0.1277−0.6044i	0.1427+0.2981i
36.8	0.0094−1.0266i	0.1973+0.5686i	−12.2115−2.8203i	−0.2477−0.8360i	−0.2294+0.0096i	0.5104−0.5767i	−0.1647−0.6011i	0.1277+0.2986i
36.9	−0.0127−1.0345i	0.1965+0.5379i	−12.1908−2.7745i	−0.2654−0.8252i	−0.2156+0.0640i	0.4970−0.5850i	−0.1834−0.5937i	0.1282+0.2969i
37.0	−0.0476−1.0521i	0.1767+0.5289i	−12.2385−2.7773i	−0.2912−0.8216i	−0.0786+0.1538i	0.4822−0.6484i	−0.2137−0.6068i	0.1175+0.2793i
37.1	−0.0607−1.0689i	0.1814+0.5281i	−12.2480−2.7986i	−0.2991−0.8342i	−0.0626+0.1785i	0.4870−0.6255i	−0.2373−0.6086i	0.1085+0.3042i

37.2	-0.0709-1.0970i	0.1815+0.5070i	-12.2662-2.8163i	-0.2927-0.8496i	-0.2149+0.0486i	0.4827-0.5741i	-0.2579-0.6232i	0.0825+0.3064i
37.3	-0.1060-1.1469i	0.1782+0.4767i	-12.2710-2.8251i	-0.3194-0.8869i	-0.2151+0.0664i	0.4942-0.5420i	-0.2880-0.6408i	0.0841+0.3272i
37.4	-0.1627-1.2026i	0.1752+0.4580i	-12.3685-2.8296i	-0.3625-0.9265i	-0.1567+0.2058i	0.4732-0.5525i	-0.3324-0.6698i	0.0818+0.3283i
37.5	-0.2108-1.2441i	0.1622+0.4275i	-12.3851-2.7808i	-0.4056-0.9507i	-0.1170+0.1902i	0.5220-0.5393i	-0.3590-0.6822i	0.1069+0.3351i
37.6	-0.2718-1.2981i	0.1578+0.4136i	-12.4843-2.7580i	-0.4692-0.9831i	-0.1902+0.1855i	0.5637-0.5422i	-0.3998-0.6997i	0.1260+0.3447i
37.7	-0.4019-1.3551i	0.1270+0.4027i	-12.4983-2.7959i	-0.5901-1.0267i	-0.1025+0.3417i	0.6756-0.5291i	-0.4853-0.7071i	0.1555+0.3781i
37.8	-0.4702-1.3836i	0.1186+0.3841i	-12.4164-2.7573i	-0.6471-1.0302i	-0.0718+0.2233i	0.7231-0.5462i	-0.5225-0.7047i	0.1723+0.3829i
37.9	-0.6094-1.4102i	0.1073+0.3875i	-12.4870-2.7635i	-0.7582-1.0366i	-0.1639+0.2742i	0.7447-0.6345i	-0.5728-0.7072i	0.2276+0.3887i
38.0	-0.7568-1.3707i	0.1016+0.4054i	-12.6461-2.8100i	-0.8648-0.9837i	0.0480+0.2675i	0.6607-0.7586i	-0.6346-0.6945i	0.2664+0.3486i
38.1	-0.8859-1.3214i	0.0953+0.4000i	-12.8137-2.7768i	-0.9736-0.9487i	0.1663+0.2196i	0.6301-0.7842i	-0.7001-0.6753i	0.3079+0.3298i
38.2	-0.9815-1.2295i	0.0918+0.3782i	-12.8556-2.6564i	-1.0448-0.8706i	0.1087+0.2044i	0.5463-0.7622i	-0.7342-0.6311i	0.3390+0.2964i
38.3	-1.0598-1.1671i	0.0735+0.3706i	-12.8349-2.6855i	-1.1158-0.8273i	0.0299+0.2883i	0.5199-0.6962i	-0.7634-0.6306i	0.3777+0.2513i
38.4	-1.1111-1.1124i	0.0740+0.3727i	-12.9041-2.6507i	-1.1657-0.7917i	0.0839+0.3513i	0.5136-0.6142i	-0.7948-0.6232i	0.3949+0.2284i
38.5	-1.1512-1.0237i	0.0572+0.3741i	-12.9005-2.5297i	-1.2053-0.6985i	0.0844+0.3391i	0.5127-0.5851i	-0.8334-0.5934i	0.3881+0.1716i
38.6	-1.2163-0.9357i	0.0475+0.3722i	-12.9394-2.4989i	-1.2817-0.6222i	0.0490+0.3387i	0.6133-0.5123i	-0.8931-0.5746i	0.3998+0.1201i
38.7	-1.2953-0.8750i	0.0538+0.3816i	-13.0084-2.4475i	-1.3588-0.5720i	0.1310+0.2081i	0.6237-0.4332i	-0.9497-0.5701i	0.4175+0.0793i
38.8	-1.3265-0.7772i	0.0602+0.3752i	-13.0559-2.3941i	-1.3979-0.4889i	0.1606+0.1716i	0.6655-0.3317i	-0.9937-0.5378i	0.4196+0.0348i
38.9	-1.3807-0.6640i	0.0627+0.3676i	-13.0662-2.4377i	-1.4747-0.3868i	0.0740+0.2757i	0.8251-0.2906i	-1.0787-0.4929i	0.4058-0.0137i
39.0	-1.4112-0.5554i	0.0600+0.3555i	-13.1661-2.3841i	-1.5148-0.2803i	0.0371+0.1636i	0.9216-0.2365i	-1.1371-0.4432i	0.3857-0.0676i
39.1	-1.3948-0.4464i	0.0405+0.3470i	-13.1886-2.2475i	-1.5275-0.1709i	0.1921+0.0717i	1.1391-0.2353i	-1.1959-0.3725i	0.3415-0.1007i
39.2	-1.3890-0.3581i	0.0144+0.3472i	-13.1728-2.2531i	-1.5556-0.0701i	0.0555+0.1010i	1.3323-0.3328i	-1.2543-0.3150i	0.3091-0.1371i
39.3	-1.3606-0.2819i	0.0168+0.3560i	-13.3335-2.2659i	-1.5466+0.0336i	-0.1118+0.1192i	1.4334-0.4541i	-1.2760-0.2437i	0.2857-0.1552i
39.4	-1.3385-0.2189i	0.0210+0.3642i	-13.3602-2.2079i	-1.5251+0.1255i	0.0542+0.1150i	1.4878-0.5601i	-1.2990-0.1687i	0.2481-0.1631i
39.5	-1.3032-0.1444i	0.0217+0.3585i	-13.3550-2.0668i	-1.4987+0.2218i	0.0965+0.2953i	1.6253-0.6548i	-1.3328-0.0815i	0.2024-0.1693i
39.6	-1.2760-0.0796i	0.0058+0.3410i	-13.3513-1.9297i	-1.4864+0.3374i	0.1135+0.2265i	1.7464-0.8720i	-1.3538+0.0116i	0.1776-0.1920i
39.7	-1.2514-0.0424i	-0.0104+0.3605i	-13.2886-1.9240i	-1.4296+0.4245i	0.2552+0.1481i	1.6603-1.1423i	-1.3442+0.1155i	0.1361-0.1775i
39.8	-1.2009+0.0207i	-0.0087+0.3726i	-13.1801-1.8829i	-1.3355+0.5179i	0.2139+0.1741i	1.4914-1.2480i	-1.2726+0.1934i	0.1255-0.1992i
39.9	-1.1492+0.0859i	0.0084+0.3595i	-13.2424-1.8788i	-1.2895+0.5893i	0.2798+0.3413i	1.5167-1.2781i	-1.2353+0.2565i	0.1288-0.2096i
40.0	-1.1130+0.0899i	0.0002+0.3596i	-13.3043-1.8876i	-1.2494+0.5824i	0.1238+0.2586i	1.5661-1.2791i	-1.2373+0.2654i	0.0849-0.1999i
40.1	-1.0696+0.0984i	-0.0142+0.3617i	-13.0903-1.8096i	-1.1761+0.6075i	0.2380+0.3784i	1.4983-1.4007i	-1.1908+0.3115i	0.0566-0.1863i
40.2	-1.0441+0.1302i	-0.0066+0.3525i	-13.0459-1.7047i	-1.1425+0.6366i	0.3279+0.2647i	1.4887-1.3815i	-1.1640+0.3537i	0.0537-0.1729i
40.3	-1.0243+0.1502i	0.0081+0.3565i	-13.1432-1.7091i	-1.1178+0.6625i	0.2241+0.1665i	1.4971-1.4174i	-1.1623+0.3964i	0.0377-0.1531i
40.4	-1.0172+0.1490i	0.0029+0.3548i	-13.1339-1.7548i	-1.0696+0.6695i	0.3213+0.2720i	1.3851-1.4795i	-1.1529+0.4031i	-0.0012-0.1569i
40.5	-1.0090+0.1891i	0.0215+0.3529i	-13.1353-1.7080i	-1.0327+0.7154i	0.2736+0.2602i	1.2440-1.4603i	-1.1180+0.4335i	-0.0014-0.1577i
40.6	-0.9873+0.2107i	0.0482+0.3329i	-13.1495-1.5572i	-1.0184+0.7473i	0.2541+0.1977i	1.2868-1.4904i	-1.0913+0.4632i	0.0393-0.1616i
40.7	-1.0065+0.2207i	0.0741+0.3032i	-13.0905-1.6185i	-1.0118+0.7439i	0.3880+0.2370i	1.1618-1.4335i	-1.0733+0.4644i	0.0575-0.1731i
40.8	-1.0125+0.2648i	0.0706+0.2647i	-12.9944-1.7021i	-0.9868+0.7844i	0.3439+0.2152i	1.0002-1.4344i	-1.0519+0.5034i	0.0557-0.1912i
40.9	-1.0141+0.3169i	0.0467+0.2228i	-13.0027-1.7961i	-1.0089+0.8497i	0.1790+0.1672i	1.1583-1.5139i	-1.0897+0.5728i	0.0443-0.2137i
41.0	-0.9680+0.4110i	0.0050+0.1614i	-12.8758-1.6596i	-0.9389+0.9560i	0.2566+0.0954i	1.1191-1.4869i	-1.0427+0.6499i	0.0087-0.2563i
41.1	-0.8927+0.4676i	-0.0477+0.1401i	-12.8333-1.5517i	-0.8642+1.0142i	0.2596+0.1040i	1.2201-1.4509i	-0.9921+0.7062i	-0.0136-0.2578i
41.2	-0.7967+0.4915i	-0.1276+0.1140i	-12.9558-1.5674i	-0.8055+1.0401i	0.3223+0.0357i	1.5485-1.4024i	-0.9613+0.6966i	-0.0513-0.3196i
41.3	-0.7115+0.4704i	-0.2026+0.1523i	-12.8604-1.6530i	-0.7111+1.0379i	0.3262+0.1806i	1.7079-1.5631i	-0.9489+0.6984i	-0.1807-0.3287i
41.4	-0.7046+0.4359i	-0.2024+0.1715i	-12.6746-1.6746i	-0.6558+0.9826i	0.2296+0.1424i	1.5176-1.5711i	-0.9127+0.6753i	-0.2271-0.2699i
41.5	-0.6966+0.4975i	-0.2555+0.1514i	-12.6084-1.6636i	-0.6402+1.0357i	0.2916+0.1133i	1.4663-1.5263i	-0.8949+0.7348i	-0.2143-0.2244i
41.6	-0.6040+0.4578i	-0.3008+0.2182i	-12.7283-1.7219i	-0.5811+0.9773i	0.4657+0.2303i	1.6612-1.5499i	-0.8299+0.7465i	-0.1707-0.1225i
41.7	-0.6361+0.3948i	-0.2910+0.2020i	-12.7761-1.8115i	-0.6461+0.9463i	0.4659+0.1710i	1.8327-1.7145i	-0.8667+0.6883i	-0.0922-0.1822i
41.8	-0.6477+0.4623i	-0.4012+0.2083i	-12.7827-1.6962i	-0.6310+1.0942i	0.5435+0.1169i	1.8439-2.1075i	-0.9093+0.8066i	-0.1659-0.2655i
41.9	-0.5681+0.5108i	-0.5147+0.2995i	-12.7621-1.7263i	-0.4874+1.1642i	0.6571+0.0305i	1.6615-2.2407i	-0.7824+0.8708i	-0.2163-0.2859i
42.0	-0.4880+0.4562i	-0.5066+0.4138i	-12.5945-1.7945i	-0.3844+1.0520i	0.6582-0.0333i	1.6597-2.1065i	-0.7081+0.8028i	-0.2613-0.2533i
42.1	-0.5028+0.3951i	-0.4497+0.4691i	-12.6443-1.9363i	-0.4380+0.9539i	0.5060+0.1164i	1.8185-2.0673i	-0.7666+0.7360i	-0.3178-0.2076i
42.2	-0.5125+0.4045i	-0.4151+0.5395i	-12.4322-1.8922i	-0.4415+0.9845i	0.6060+0.1025i	1.7942-2.2571i	-0.7757+0.7916i	-0.3318-0.1416i
42.3	-0.5458+0.4127i	-0.3463+0.5490i	-12.5027-1.9163i	-0.4903+1.0205i	0.5873-0.0237i	1.8197-2.3642i	-0.7762+0.7931i	-0.2742-0.1517i
42.4	-0.5267+0.4795i	-0.4055+0.5435i	-12.6195-1.8482i	-0.4518+1.1680i	0.4921-0.0071i	1.8688-2.6857i	-0.8132+0.8088i	-0.3508-0.2549i
42.5	-0.4700+0.5242i	-0.4266+0.5762i	-12.6856-1.9294i	-0.3523+1.1947i	0.4890+0.1378i	1.6696-2.6352i	-0.7747+0.8088i	-0.3980-0.2541i
42.6	-0.3798+0.5183i	-0.3863+0.6262i	-12.6086-1.9417i	-0.2646+1.1770i	0.5562+0.0662i	1.6526-2.6372i	-0.7094+0.8221i	-0.3983-0.1976i
42.7	-0.3532+0.4831i	-0.3156+0.6576i	-12.6182-1.9639i	-0.2137+1.1526i	0.6102+0.0337i	1.4880-2.8607i	-0.6742+0.8985i	-0.3813-0.0837i
42.8	-0.3632+0.4397i	-0.2699+0.6415i	-12.3941-2.2143i	-0.2143+1.0813i	0.7211-0.0280i	1.5677-2.8473i	-0.7561+0.9473i	-0.4002+0.0032i
42.9	-0.3528+0.4448i	-0.2850+0.6157i	-12.7067-2.1788i	-0.2364+1.1369i	0.6169-0.0325i	1.6950-2.8974i	-0.7505+0.9177i	-0.3619-0.1340i
43.0	-0.3541+0.4729i	-0.2446+0.6650i	-12.5436-2.1091i	-0.1529+1.2219i	0.5990-0.1382i	1.2738-3.2988i	-0.6515+1.0389i	-0.4062-0.1162i
43.1	-0.3206+0.4566i	-0.2246+0.6529i	-12.2813-2.1728i	-0.0923+1.1653i	0.7043-0.3116i	1.2756-3.4292i	-0.6757+1.1530i	-0.4862+0.0629i
43.2	-0.2957+0.4571i	-0.2142+0.6245i	-12.4514-2.1824i	-0.0362+1.1325i	0.6654-0.4292i	1.1004-3.3175i	-0.6577+1.1573i	-0.4937+0.1102i
43.3	-0.2298+0.4188i	-0.2026+0.6567i	-12.3421-2.1678i	0.0086+1.0962i	0.4729-0.6377i	1.0734-3.3328i	-0.5231+1.1495i	-0.4097+0.0722i
43.4	-0.2703+0.3697i	-0.1842+0.6365i	-12.3284-2.0808i	-0.0642+1.0905i	0.5695-0.4853i	1.1580-3.3803i	-0.5087+1.0606i	-0.3892+0.0130i

43.5	-0.2970+0.3803i	-0.2398+0.6044i	-12.2138-2.2011i	-0.0363+1.1545i	0.6088-0.2182i	1.1966-3.4903i	-0.6421+1.0620i	-0.5179-0.0034i
43.6	-0.2541+0.4045i	-0.2817+0.6551i	-12.1096-2.3734i	0.0424+1.2055i	0.6131-0.2845i	1.2958-3.7425i	-0.6610+1.1734i	-0.6004+0.0782i
43.7	-0.2128+0.3989i	-0.2039+0.6559i	-12.2858-2.3312i	0.1229+1.2078i	0.6705-0.3490i	1.0461-3.9257i	-0.5386+1.2384i	-0.5089+0.1416i
43.8	-0.2371+0.4183i	-0.1588+0.6083i	-12.3911-2.2486i	0.2068+1.2434i	0.5344-0.4885i	0.3711-4.1419i	-0.4052+1.3267i	-0.4646+0.1685i
43.9	-0.1771+0.4317i	-0.2078+0.5572i	-12.1844-2.3060i	0.3498+1.1867i	0.4906-0.4564i	-0.0796-3.7085i	-0.2407+1.2337i	-0.4544+0.1281i
44.0	-0.1406+0.4181i	-0.2799+0.5711i	-12.2199-2.2499i	0.3836+1.1362i	0.4070-0.3504i	0.0222-3.4348i	-0.2333+1.1511i	-0.4850+0.1152i
44.1	-0.1058+0.3904i	-0.2905+0.7216i	-12.2674-2.1550i	0.4116+1.1416i	0.3753-0.2373i	0.2011-3.7723i	-0.1918+1.2360i	-0.4781+0.2175i
44.2	-0.1673+0.3805i	-0.2185+0.6130i	-12.3227-2.6857i	0.4349+1.0838i	0.5019-0.4442i	-0.1216-3.6205i	-0.2330+1.1587i	-0.4887+0.2139i
44.3	-0.0992+0.4476i	-0.3655+0.6126i	-12.2415-2.5457i	0.5707+1.0381i	0.5645-0.4409i	-0.3132-3.2305i	-0.1582+1.2182i	-0.4991+0.2907i
44.4	0.0274+0.4112i	-0.3899+0.7540i	-11.9886-2.2673i	0.6128+0.8945i	0.5837-0.4269i	0.0996-2.8826i	-0.0348+1.1484i	-0.4072+0.3207i
44.5	0.0226+0.3018i	-0.3368+0.8435i	-11.8215-2.5954i	0.5313+0.8389i	0.5285-0.3877i	0.5129-3.3307i	-0.1200+1.1351i	-0.4179+0.3510i
44.6	0.0004+0.2477i	-0.2203+0.8653i	-11.5921-2.8801i	0.5677+0.8115i	0.3677-0.3469i	0.1041-3.6749i	-0.0309+1.1551i	-0.3354+0.3888i
44.7	0.0303+0.2058i	-0.1093+0.8897i	-11.2784-2.8277i	0.6036+0.7347i	0.5232-0.4760i	0.0543-3.5924i	0.0498+1.0715i	-0.2997+0.3543i
44.8	-0.0151+0.1974i	-0.0783+0.7326i	-10.8489-2.7584i	0.5462+0.7552i	0.6965-0.5543i	0.1254-3.7605i	-0.0171+1.0173i	-0.2911+0.2896i
44.9	-0.0304+0.2848i	-0.2820+0.6672i	-10.9055-2.8879i	0.5544+0.8612i	0.4852-0.4029i	-0.1669-3.8217i	0.0150+1.1064i	-0.2530+0.2585i
45.0	-0.0129+0.2751i	-0.3458+0.6746i	-10.9441-3.0723i	0.5912+0.8194i	0.4470-0.4520i	-0.2725-3.7096i	0.0242+1.0949i	-0.2677+0.2462i
45.1	0.0562+0.2681i	-0.4722+0.7201i	-10.5315-3.0339i	0.7003+0.7890i	0.5483-0.6379i	-0.3251-3.6034i	0.0570+1.0843i	-0.3432+0.2228i
45.2	0.1174+0.2374i	-0.4357+0.9399i	-10.4985-3.3539i	0.7574+0.7270i	0.5970-0.6070i	-0.3691-3.6858i	0.1395+1.1284i	-0.3385+0.2937i
45.3	0.1488+0.1644i	-0.3085+0.9794i	-10.1457-3.7796i	0.8353+0.6478i	0.4553-0.5796i	-0.6501-3.8018i	0.2459+1.1281i	-0.3242+0.3201i
45.4	0.1722+0.1050i	-0.3455+0.9745i	-9.5106-4.2560i	0.8895+0.4895i	0.4530-0.7225i	-0.8947-3.3949i	0.3925+1.0089i	-0.2987+0.3493i
45.5	0.1624+0.0686i	-0.3202+1.0987i	-9.4755-4.5633i	0.8022+0.4237i	0.4102-0.5507i	-0.4802-3.1507i	0.3442+0.8592i	-0.2863+0.3382i
45.6	0.0878+0.0911i	-0.2731+1.0433i	-9.7435-4.5445i	0.7260+0.5118i	0.4012-0.5337i	-0.2613-3.6765i	0.1879+0.9706i	-0.3074+0.3698i
45.7	0.1640+0.0802i	-0.2762+1.1094i	-9.0807-5.0090i	0.8418+0.4479i	0.4023-0.6589i	-0.4843-3.7188i	0.3304+0.9730i	-0.2680+0.4039i
45.8	0.1858+0.0325i	-0.2101+1.1330i	-9.0726-5.6603i	0.8352+0.3650i	0.3087-0.6694i	-0.5126-3.7294i	0.3579+0.8866i	-0.2259+0.3754i
45.9	0.2236-0.0047i	-0.2476+1.1149i	-8.8640-6.2831i	0.8871+0.3133i	0.2985-0.8328i	-0.7400-3.9606i	0.4021+0.9166i	-0.2386+0.3848i
46.0	0.2920-0.0640i	-0.2866+1.1901i	-8.5404-6.5160i	0.9340+0.2461i	0.2872-0.9046i	-0.7722-3.9077i	0.4695+0.8688i	-0.2213+0.3757i
46.1	0.2851-0.1439i	-0.2030+1.3060i	-8.5830-6.8422i	0.9897+0.1706i	0.1834-0.8866i	-1.1585-3.9024i	0.6013+0.8082i	-0.2276+0.3639i
46.2	0.2320-0.1481i	-0.2224+1.4068i	-8.6774-7.2620i	0.9710+0.0768i	-0.0090-0.8656i	-1.2436-3.5100i	0.5973+0.6924i	-0.2529+0.3968i
46.3	0.1916-0.1978i	-0.0918+1.4427i	-9.2150-8.7076i	0.8120-0.0773i	0.2340-0.8746i	-0.7979-3.3133i	0.3822+0.5364i	-0.2667+0.4103i
46.4	0.3042-0.3336i	0.0358+1.5256i	-8.4967-9.6925i	0.8071-0.1852i	0.1636-0.9510i	-0.5122-3.8715i	0.3707+0.5158i	-0.2647+0.4616i
46.5	0.3392-0.4187i	0.1633+1.6153i	-8.0311-9.8103i	0.8425-0.1917i	0.1186-0.9328i	-0.6214-4.3972i	0.4319+0.5781i	-0.2425+0.5408i
46.6	0.2376-0.4596i	0.2432+1.5587i	-8.5778-9.9692i	0.8096-0.2202i	0.0853-1.0126i	-1.2203-4.3771i	0.4648+0.5503i	-0.1621+0.5392i
46.7	0.1859-0.5573i	0.3712+1.5717i	-9.0066-11.5234i	0.7302-0.3780i	-0.0198-0.8608i	-1.6014-3.9253i	0.4580+0.3812i	-0.0830+0.5085i
46.8	0.1567-0.6042i	0.5619+1.6363i	-9.5991-11.9051i	0.6492-0.3934i	-0.1106-0.7011i	-1.2116-3.9718i	0.4046+0.4357i	-0.0463+0.5388i
46.9	0.0516-0.6930i	0.7108+1.4257i	-10.0618-12.6543i	0.6012-0.4803i	-0.2419-0.8067i	-1.6561-4.1983i	0.4404+0.3688i	0.0071+0.5049i
47.0	-0.0605-0.6769i	0.6819+1.2549i	-11.2949-13.0976i	0.4700-0.5242i	-0.3331-0.8834i	-1.9359-3.8251i	0.3716+0.2766i	0.0162+0.4505i
47.1	-0.1769-0.6963i	0.6857+1.1642i	-12.8441-14.1899i	0.2599-0.5918i	-0.1051-0.7713i	-1.8485-3.4841i	0.2159+0.2279i	0.0280+0.4598i
47.2	-0.1978-0.7791i	0.7645+1.0421i	-13.0218-14.9072i	0.1543-0.6551i	-0.2159-0.9837i	-1.5963-3.7311i	0.1458+0.1993i	0.0715+0.4467i
47.3	-0.2164-0.8689i	0.8235+0.9116i	-13.1710-15.2197i	0.1024-0.6664i	-0.4734-0.9008i	-1.8337-4.3265i	0.2065+0.1830i	0.1166+0.3962i
47.4	-0.2971-0.8499i	0.6672+0.8629i	-14.1886-14.8596i	0.0333-0.5990i	-0.4701-0.7702i	-2.5040-4.2221i	0.2068+0.1876i	0.1319+0.3764i
47.5	-0.3714-0.8681i	0.6053+0.9147i	-14.8098-14.7568i	-0.0380-0.5947i	-0.5854-0.6613i	-2.7011-3.8112i	0.1597+0.1562i	0.1575+0.3540i
47.6	-0.5400-0.8405i	0.6240+0.8058i	-16.0352-14.6322i	-0.1746-0.5474i	-0.7459-0.4784i	-2.6480-3.3780i	0.0805+0.1303i	0.1746+0.2614i
47.7	-0.5650-0.8804i	0.5889+0.7191i	-15.8956-14.6840i	-0.2495-0.5644i	-0.6152-0.4853i	-2.3265-3.3838i	0.0016+0.0710i	0.1603+0.2193i
47.8	-0.6979-0.9163i	0.5025+0.6548i	-16.8370-15.0998i	-0.3823-0.4904i	-0.4511-0.5285i	-2.4067-3.8908i	-0.1019+0.1177i	0.1423+0.1775i
47.9	-0.8377-0.8208i	0.4032+0.7255i	-17.6803-14.7191i	-0.4124-0.3844i	-0.4189-0.5623i	-3.0512-3.6839i	-0.1527+0.1660i	0.0913+0.1513i
48.0	-1.0005-0.7572i	0.3120+0.7824i	-18.1794-14.9704i	-0.5287-0.3479i	-0.3284-0.3611i	-3.4164-3.1332i	-0.2816+0.1421i	0.0392+0.1115i
48.1	-1.0859-0.6547i	0.3193+0.8951i	-18.7524-15.0612i	-0.6016-0.3021i	-0.2137-0.2531i	-3.2775-2.3875i	-0.3844+0.1972i	0.0008+0.1369i
48.2	-1.1420-0.5056i	0.3695+0.9119i	-20.1043-15.0060i	-0.7060-0.1403i	-0.3022-0.3500i	-2.7134-2.2857i	-0.4581+0.3603i	0.0071+0.1425i
48.3	-1.1686-0.4191i	0.3705+0.9218i	-20.8014-14.8129i	-0.7055-0.0138i	-0.3966-0.3966i	-2.7381-2.3848i	-0.4400+0.4443i	-0.0156+0.1245i
48.4	-1.1643-0.3774i	0.3980+0.9689i	-21.1940-14.9257i	-0.7089+0.0331i	-0.3516-0.4014i	-2.5026-2.4709i	-0.4311+0.4932i	-0.0100+0.1386i
48.5	-1.2243-0.3669i	0.3920+0.9840i	-21.6806-14.8360i	-0.7284+0.0874i	-0.3252-0.1944i	-2.6670-2.6487i	-0.4542+0.4949i	-0.0272+0.1048i
48.6	-1.2860-0.2384i	0.4256+1.0126i	-22.3064-14.3936i	-0.7305+0.1808i	-0.3176-0.2414i	-2.8525-2.3675i	-0.4776+0.5881i	-0.0681+0.1204i
48.7	-1.2747-0.2758i	0.4427+0.9955i	-22.3902-14.6366i	-0.7335+0.1448i	-0.3372-0.2764i	-2.9154-2.4871i	-0.4530+0.5483i	-0.0773+0.0970i
48.8	-1.2462-0.2803i	0.4182+1.0278i	-22.4378-14.1352i	-0.7053+0.1632i	-0.2456-0.2968i	-3.0979-2.5421i	-0.4616+0.5235i	-0.1157+0.0959i
48.9	-1.2890-0.2188i	0.4621+1.0841i	-22.8994-13.7167i	-0.7125+0.2331i	-0.1223-0.2129i	-3.1739-2.0942i	-0.5121+0.6230i	-0.1302+0.1475i
49.0	-1.3012-0.1364i	0.5544+1.0836i	-23.3368-13.1642i	-0.6860+0.3064i	-0.1005-0.2747i	-2.8893-1.8563i	-0.4450+0.7127i	-0.1133+0.1491i
49.1	-1.3537-0.0859i	0.6042+1.0882i	-23.6255-13.0854i	-0.6914+0.3414i	-0.1421-0.3305i	-2.8275-1.7859i	-0.4390+0.7493i	-0.1360+0.1460i
49.2	-1.3711+0.0496i	0.6478+1.0714i	-24.3812-12.6148i	-0.6852+0.4342i	-0.1681-0.2285i	-2.7040-1.6692i	-0.4145+0.8240i	-0.1471+0.1613i
49.3	-1.4122+0.1194i	0.6562+1.0844i	-24.7632-12.5470i	-0.7157+0.4872i	-0.1235-0.2699i	-2.6376-1.6460i	-0.4372+0.8443i	-0.1798+0.1683i
49.4	-1.3930+0.1380i	0.6875+1.0846i	-24.5287-12.2098i	-0.6898+0.4718i	-0.3830-0.3081i	-2.6969-1.6104i	-0.4221+0.8319i	-0.1899+0.2016i
49.5	-1.3684+0.1753i	0.7735+1.0797i	-24.7089-11.8803i	-0.6773+0.4896i	-0.4511-0.3201i	-2.6134-1.4538i	-0.3787+0.8608i	-0.1634+0.2279i
49.6	-1.3292+0.2796i	0.8221+1.0458i	-25.1808-11.4227i	-0.6944+0.5797i	-0.2050-0.2291i	-1.9680-1.4618i	-0.3796+0.9280i	-0.1580+0.2501i
49.7	-1.3003+0.3294i	0.9307+1.0141i	-25.7709-11.0454i	-0.6549+0.7011i	-0.2446-0.1312i	-1.9666-2.1490i	-0.3104+1.0198i	-0.1223+0.2631i

49.8	−1.2809+0.3496i	0.9705+0.9412i	−25.8195−10.6872i	−0.5885+0.7388i	−0.2373−0.1412i	−2.4175−2.3950i	−0.2451+1.0317i	−0.1026+0.2472i
49.9	−1.3138+0.3500i	0.9507+0.8897i	−25.4762−10.4889i	−0.5655+0.7175i	−0.2148−0.1737i	−2.7398−2.0223i	−0.2456+0.9968i	−0.1215+0.2347i
50.0	−1.3997+0.4186i	0.9778+0.8378i	−25.4186−10.4028i	−0.5947+0.7307i	−0.1964−0.1228i	−2.6878−1.6161i	−0.2561+0.9950i	−0.1282+0.2412i
50.1	−1.4050+0.4855i	0.9647+0.7812i	−25.4161−10.3827i	−0.6087+0.7567i	−0.1784−0.1643i	−2.7252−1.5679i	−0.2539+1.0108i	−0.1349+0.2391i
50.2	−1.3535+0.5352i	0.9509+0.7600i	−25.3961−10.4200i	−0.5771+0.7793i	−0.2363+0.0526i	−2.6032−1.4580i	−0.2304+1.0236i	−0.1310+0.2530i
50.3	−1.3388+0.6074i	0.9469+0.7399i	−25.4991−10.3695i	−0.5897+0.8402i	−0.0976−0.0238i	−2.3423−1.3779i	−0.2372+1.0723i	−0.1284+0.2709i
50.4	−1.3354+0.6110i	0.9562+0.7205i	−25.4143−10.3502i	−0.5809+0.8701i	−0.1254−0.2043i	−2.3476−1.5586i	−0.2200+1.0966i	−0.1320+0.2504i
50.5	−1.3429+0.6511i	0.9830+0.6649i	−25.4262−10.2932i	−0.5357+0.8912i	−0.0982−0.1864i	−2.5896−1.6065i	−0.1516+1.1059i	−0.1460+0.2694i
50.6	−1.3336+0.7137i	0.9683+0.6186i	−25.5663−10.2266i	−0.5100+0.9310i	−0.0716−0.1289i	−2.5991−1.5277i	−0.1309+1.1233i	−0.1316+0.2799i
50.7	−1.3682+0.7800i	0.9523+0.6136i	−25.5647−10.6256i	−0.5262+0.9782i	−0.2270−0.2618i	−2.5305−1.3517i	−0.1587+1.1634i	−0.1546+0.2799i
50.8	−1.4023+0.8764i	0.9587+0.5903i	−25.8168−11.0717i	−0.5575+1.0371i	−0.2736−0.3680i	−2.3462−1.2125i	−0.1704+1.2028i	−0.1582+0.3061i
50.9	−1.3589+0.9851i	0.9867+0.5833i	−26.1745−11.2596i	−0.5459+1.1107i	−0.2294−0.3021i	−2.0852−1.3036i	−0.1486+1.2550i	−0.1416+0.2976i
51.0	−1.3173+1.0346i	1.0186+0.5659i	−26.5406−11.3289i	−0.4884+1.1713i	−0.1130−0.2249i	−2.1126−1.4937i	−0.0868+1.3042i	−0.1550+0.3092i
51.1	−1.2527+1.1113i	1.0207+0.4864i	−26.9453−11.4004i	−0.4254+1.2135i	−0.2659−0.0728i	−2.1695−1.5825i	−0.0271+1.3203i	−0.1653+0.3167i
51.2	−1.1860+1.1221i	0.9539+0.4633i	−26.8567−11.4520i	−0.3743+1.2421i	−0.2234−0.0445i	−2.3838−1.6152i	0.0038+1.3347i	−0.1902+0.3520i
51.3	−1.2270+1.1132i	0.9542+0.4704i	−27.0138−11.6064i	−0.3505+1.2384i	−0.2198−0.0158i	−2.5375−1.4134i	0.0182+1.3587i	−0.1772+0.3895i
51.4	−1.2730+1.2802i	0.9966+0.4226i	−27.5313−12.1741i	−0.3426+1.3190i	−0.3184−0.0947i	−2.3115−1.2117i	0.0646+1.4371i	−0.1505+0.4316i
51.5	−1.1968+1.4081i	0.9901+0.3265i	−27.9113−12.3694i	−0.2992+1.3723i	−0.2575−0.2504i	−2.1050−1.4005i	0.1254+1.4461i	−0.1398+0.4254i
51.6	−1.0635+1.4438i	0.9347+0.2804i	−28.2630−12.2135i	−0.2153+1.3776i	−0.1741−0.2374i	−2.1183−1.5913i	0.2041+1.4178i	−0.1380+0.4334i
51.7	−0.9648+1.5066i	0.8784+0.2347i	−28.6151−12.2574i	−0.1268+1.4196i	−0.0068−0.2901i	−2.2719−1.7634i	0.2858+1.4389i	−0.1313+0.4497i
51.8	−0.9391+1.5283i	0.8124+0.2334i	−28.8500−12.4385i	−0.1022+1.4334i	0.0065−0.2320i	−2.4320−1.7398i	0.3111+1.4475i	−0.1328+0.5056i
51.9	−0.9223+1.5698i	0.7595+0.2739i	−29.1316−12.5400i	−0.0754+1.4297i	−0.2121−0.1736i	−2.5935−1.4745i	0.3518+1.4265i	−0.1384+0.5811i
52.0	−0.8654+1.6954i	0.7625+0.3148i	−29.5399−12.7562i	−0.0522+1.4298i	−0.1791+0.0501i	−2.4776−1.1830i	0.3901+1.4254i	−0.0866+0.7058i
52.1	−0.7738+1.7769i	0.7857+0.2975i	−29.9971−12.7930i	−0.0517+1.4727i	0.0056+0.1346i	−2.2528−1.1989i	0.4389+1.4319i	0.1066+0.7378i
52.2	−0.5751+1.7951i	0.7300+0.2500i	−30.7209−12.6989i	0.0244+1.5457i	0.1749+0.0159i	−2.0796−1.4223i	0.5104+1.4122i	0.2370+0.5831i
52.3	−0.5413+1.7096i	0.6425+0.3121i	−30.7175−12.8601i	0.0732+1.5447i	0.1838−0.2008i	−2.2906−1.5298i	0.5123+1.3675i	0.1495+0.5095i
52.4	−0.5526+1.8628i	0.6919+0.3622i	−31.6329−13.2514i	0.0623+1.6076i	0.1350−0.0152i	−2.3530−1.2363i	0.5481+1.4213i	0.2894+0.6309i
52.5	−0.3704+1.9450i	0.6885+0.3503i	−32.5353−13.1780i	0.1176+1.6918i	0.3604−0.0930i	−2.0181−1.2592i	0.6275+1.3987i	0.5148+0.4247i
52.6	−0.2587+1.8967i	0.6965+0.4464i	−33.0623−13.8281i	0.2668+1.7546i	−0.0226−0.3502i	−2.1124−1.6516i	0.6437+1.3690i	0.2442+0.2833i
52.7	−0.2727+1.9665i	0.7585+0.5243i	−33.9868−14.4592i	0.3377+1.7961i	−0.1230−0.3356i	−2.4239−1.5365i	0.6354+1.4216i	0.0878+0.4115i
52.8	−0.1554+2.0513i	0.8520+0.4637i	−34.8364−14.0145i	0.4271+1.7924i	−0.0646−0.2168i	−2.4133−1.4570i	0.6994+1.4527i	0.1674+0.5190i
52.9	−0.0391+2.0818i	0.8934+0.4227i	−35.5007−13.9608i	0.4959+1.7719i	−0.0016−0.1642i	−2.4835−1.3181i	0.7620+1.4335i	0.2397+0.5918i
53.0	0.2335+2.1650i	0.9961+0.4033i	−36.5869−13.7157i	0.6310+1.7802i	−0.0209−0.0005i	−2.0933−1.2616i	0.8465+1.4304i	0.3879+0.6912i
53.1	0.5058+1.9568i	1.0530+0.2496i	−37.5358−12.9607i	0.7637+1.6924i	0.0148−0.2184i	−2.2057−1.7510i	0.9567+1.3673i	0.5879+0.5510i
53.2	0.6043+1.7913i	0.9865+0.0880i	−38.1115−12.2603i	0.8149+1.6343i	0.2464−0.3918i	−2.5126−1.7682i	1.0220+1.2970i	0.6995+0.3838i
53.3	0.5845+1.6812i	0.8738+0.0434i	−38.2066−12.0039i	0.8248+1.6085i	0.4152−0.5141i	−2.7158−1.5004i	1.0391+1.2141i	0.7193+0.2176i
53.4	0.5586+1.5763i	0.7429+0.0672i	−38.6358−11.6094i	0.8565+1.5755i	0.0774−0.3097i	−2.7326−1.2542i	1.0101+1.1216i	0.6025+0.0089i
53.5	0.5953+1.5406i	0.7188+0.2135i	−40.0104−11.2152i	0.9805+1.5250i	−0.3182−0.3959i	−2.5480−1.1198i	0.9839+1.1077i	0.2830+0.0652i
53.6	0.6966+1.5156i	0.8325+0.2947i	−40.4544−10.4267i	1.0215+1.4133i	−0.2136−0.1739i	−2.2300−1.0841i	1.0264+1.1367i	0.3295+0.4473i
53.7	0.6778+1.4785i	0.9704+0.1907i	−40.2959−10.7288i	0.9315+1.4183i	0.0937−0.2856i	−2.3452−1.3065i	1.0682+1.1405i	0.7619+0.4427i
53.8	0.7458+1.5463i	0.9949+0.0586i	−41.2128−10.6815i	0.9792+1.4742i	0.1149−0.2881i	−2.3133−1.2045i	1.1217+1.0858i	0.9492+0.1392i
53.9	0.8638+1.4899i	0.9610−0.0343i	−41.7907−10.1296i	1.0363+1.4843i	0.2520−0.4939i	−2.2232−1.2511i	1.1424+1.0254i	0.9527−0.1094i
54.0	0.8897+1.3683i	0.8701−0.0696i	−42.1017−10.1124i	1.1193+1.5042i	0.1403−0.7951i	−2.4025−1.4503i	1.1297+0.9963i	0.6622−0.3925i
54.1	0.9143+1.3015i	0.8325−0.1613i	−42.7303−10.0968i	1.2402+1.4372i	−0.1975−0.9801i	−2.9039−1.3098i	1.1550+0.9806i	0.4491−0.3808i
54.2	1.0176+1.3293i	0.7945−0.2312i	−43.5311−9.5553i	1.2910+1.3938i	−0.1881−0.7774i	−2.5077−1.0041i	1.1907+0.9482i	0.6112−0.3579i
54.3	1.1982+1.1896i	0.7688−0.3710i	−44.5407−8.7526i	1.3637+1.3277i	−0.0590−0.9205i	−2.3588−1.3284i	1.2462+0.8927i	0.6614−0.5868i
54.4	1.1459+0.9917i	0.5935−0.3912i	−44.5152−7.8504i	1.3559+1.2084i	−0.2830−1.0629i	−2.5967−1.2646i	1.2309+0.8071i	0.4316−0.6239i
54.5	1.0981+0.9368i	0.4248−0.3970i	−44.5619−7.9732i	1.3578+1.2023i	−0.3329−1.1634i	−2.6595−1.0298i	1.1947+0.7760i	0.3022−0.6866i
54.6	1.0948+0.9408i	0.3458−0.3447i	−45.3449−8.1050i	1.4081+1.2211i	−0.4383−0.8956i	−2.5345−0.9875i	1.1906+0.7860i	0.2135−0.6830i
54.7	1.1156+0.9607i	0.2412−0.3027i	−46.3161−8.2025i	1.4600+1.2180i	−0.4982−0.8350i	−2.2802−0.7566i	1.1894+0.7843i	0.1476−0.6695i
54.8	1.3040+0.8636i	0.1779−0.2734i	−47.6734−6.8062i	1.5714+1.1226i	−0.4283−0.8794i	−1.8805−1.0614i	1.2388+0.7450i	0.1134−0.7711i
54.9	1.2685+0.6918i	0.0757−0.2487i	−47.4141−6.0275i	1.5546+1.0178i	−0.6029−0.7934i	−2.1879−1.2215i	1.2123+0.6826i	−0.0791−0.7795i
55.0	1.2197+0.5667i	−0.0452−0.1397i	−47.6393−5.5330i	1.5669+0.9392i	−0.7348−0.8489i	−2.3024−1.1466i	1.1854+0.6531i	−0.2823−0.6876i
55.1	1.2133+0.5211i	−0.0500+0.0141i	−48.4060−4.9430i	1.6000+0.8604i	−0.7612−0.6621i	−2.1089−0.9772i	1.1953+0.6456i	−0.3012−0.4662i
55.2	1.2297+0.4530i	−0.0670+0.0883i	−49.1617−4.5047i	1.6383+0.8248i	−0.8756−0.5602i	−2.1045−1.1543i	1.2314+0.6310i	−0.3472−0.4513i
55.3	1.2103+0.3991i	−0.1235+0.1319i	−49.3701−4.1533i	1.6480+0.8035i	−0.8364−0.5526i	−2.2102−1.2250i	1.2309+0.6087i	−0.3914−0.4949i
55.4	1.1786+0.3517i	−0.1157+0.2346i	−49.6769−3.1884i	1.6204+0.7241i	−0.6086−0.4568i	−2.0140−1.1886i	1.2370+0.5823i	−0.2750−0.3795i
55.5	1.1827+0.2784i	−0.0566+0.3443i	−50.5650−2.1233i	1.6256+0.6151i	−0.7180−0.4280i	−1.7918−1.2871i	1.2540+0.5453i	−0.2470−0.2983i
55.6	1.1835+0.1976i	−0.0783+0.3215i	−50.6389−1.9582i	1.6237+0.5924i	−0.7992−0.5047i	−2.0335−1.5280i	1.2499+0.5043i	−0.3957−0.4347i
55.7	1.1939+0.1445i	−0.1552+0.4667i	−51.0229−1.7740i	1.6727+0.5574i	−0.8287−0.2438i	−2.0901−1.3392i	1.2466+0.4993i	−0.5608−0.3036i
55.8	1.1498+0.0695i	−0.0950+0.5854i	−51.5642−1.0587i	1.6429+0.4773i	−0.7524−0.1746i	−1.9379−1.3495i	1.2507+0.4800i	−0.5202−0.1555i
55.9	1.1005−0.0468i	−0.0673+0.6883i	−52.2167−0.0270i	1.6421+0.4007i	−0.8361−0.1955i	−2.0358−1.5499i	1.2473+0.4379i	−0.5506−0.1630i
56.0	1.1169−0.0717i	−0.0088+0.8195i	−52.6834+0.0833i	1.6753+0.3558i	−0.8337−0.2678i	−1.8790−1.4652i	1.2551+0.4384i	−0.5266−0.1300i

56.1	1.0893−0.1789i	0.1640+0.8058i	−52.6230+0.9443i	1.6529+0.2559i	−1.0296−0.2608i	−1.9152−1.7165i	1.2772+0.3943i	−0.5713−0.1140i
56.2	1.0016−0.2718i	0.1571+0.7338i	−52.4748+2.0027i	1.5915+0.2125i	−1.0975−0.2617i	−2.2236−1.8869i	1.2661+0.3445i	−0.6706−0.0572i
56.3	0.9182−0.3104i	0.1760+0.8186i	−52.8898+2.3512i	1.5695+0.1601i	−0.9823−0.0283i	−2.3541−1.7353i	1.2577+0.3214i	−0.6911+0.1083i
56.4	0.8887−0.3953i	0.2721+0.7993i	−53.7342+2.9702i	1.5441+0.0878i	−0.9863+0.1573i	−2.3077−1.8186i	1.2606+0.2798i	−0.5770+0.1505i
56.5	0.8038−0.4555i	0.3184+0.7858i	−54.1522+3.8787i	1.4936+0.0195i	−1.0273+0.1213i	−2.3643−1.8823i	1.2419+0.2521i	−0.5616+0.2074i
56.6	0.7260−0.5524i	0.3961+0.8687i	−55.0294+5.2105i	1.4365−0.0800i	−0.7914+0.1620i	−2.2654−2.0952i	1.2392+0.2156i	−0.4592+0.3138i
56.7	0.6442−0.5873i	0.4131+1.0022i	−55.4621+5.3048i	1.4412−0.1397i	−1.0186+0.0897i	−2.5353−2.0087i	1.2082+0.1912i	−0.6263+0.4317i
56.8	0.5857−0.5934i	0.4787+1.0432i	−55.5714+5.4354i	1.3946−0.1587i	−1.0723+0.1485i	−2.5436−1.9457i	1.2038+0.1749i	−0.5671+0.5148i
56.9	0.4617−0.6222i	0.5522+1.0343i	−55.9276+7.0498i	1.3233−0.1739i	−0.9016+0.2752i	−2.7912−2.0574i	1.1812+0.1495i	−0.5441+0.4793i
57.0	0.3742−0.6553i	0.6289+0.9899i	−56.3020+8.0694i	1.2675−0.2201i	−0.9091+0.3527i	−2.9291−2.0894i	1.1546+0.1255i	−0.4550+0.4748i
57.1	0.3043−0.6876i	0.7042+0.9651i	−56.5291+8.8301i	1.1902−0.2515i	−0.9079+0.1812i	−2.8973−2.1975i	1.1370+0.1044i	−0.2708+0.4061i
57.2	0.1535−0.7400i	0.9663+0.8843i	−56.7470+11.0002i	1.0465−0.3190i	−0.9659+0.3533i	−3.0295−2.4658i	1.1350+0.0706i	−0.2588+0.3396i
57.3	0.0661−0.7017i	0.9890+0.7548i	−56.2601+11.2703i	0.9492−0.2881i	−0.8945+0.5246i	−3.1654−2.4633i	1.1101+0.0601i	−0.2674+0.4568i
57.4	−0.0602−0.6738i	1.0498+0.7525i	−56.9479+12.1536i	0.8779−0.3028i	−0.9778+0.6337i	−3.3637−2.3686i	1.0851+0.0554i	−0.2240+0.7063i
57.5	−0.1333−0.6406i	1.0211+0.7206i	−57.0619+12.5261i	0.8120−0.2473i	−0.8346+0.5986i	−3.4662−2.3363i	1.0630+0.0601i	−0.1130+0.6538i
57.6	−0.2360−0.5362i	1.0835+0.6743i	−56.8667+13.6005i	0.7200−0.2083i	−0.6942+0.6005i	−3.6331−2.0410i	1.0317+0.0698i	0.0174+0.7521i
57.7	−0.2991−0.4790i	1.0972+0.5293i	−56.5036+15.0654i	0.6678−0.1294i	−0.5916+0.7313i	−3.8293−2.1298i	1.0232+0.0487i	0.1371+0.6302i
57.8	−0.3874−0.4192i	1.0633+0.4507i	−56.2874+16.7890i	0.6147−0.0724i	−0.5572+0.6969i	−4.0880−2.0021i	1.0115+0.0459i	0.1626+0.5585i
57.9	−0.4326−0.3558i	1.0830+0.3700i	−56.4063+17.5243i	0.5773−0.0363i	−0.2424+0.6739i	−4.0651−1.7993i	0.9958+0.0480i	0.2717+0.5799i
58.0	−0.4632−0.2495i	1.1273+0.2692i	−55.4806+18.1345i	0.5606+0.0027i	−0.3052+0.5780i	−4.0884−1.5460i	0.9948+0.0560i	0.3674+0.6843i
58.1	−0.4784−0.2041i	1.0434+0.1808i	−55.1740+19.5669i	0.5206+0.0739i	−0.1818+0.7355i	−4.1875−1.6348i	0.9936+0.0506i	0.4739+0.5264i
58.2	−0.4755−0.1500i	0.8414+0.1607i	−54.0474+20.8713i	0.4977+0.1962i	0.0816+0.4161i	−4.1719−1.5881i	0.9852+0.0299i	0.5955+0.1648i
58.3	−0.5235−0.0916i	0.7184+0.2184i	−53.0044+21.1241i	0.5587+0.2595i	−0.2525+0.3643i	−4.3805−1.4459i	0.9588+0.0026i	0.3666−0.0122i
58.4	−0.5858+0.0419i	0.7296+0.3649i	−51.2230+21.9853i	0.6092+0.3004i	−0.2953+0.6948i	−4.6274−1.0393i	0.9171+0.0209i	0.0851+0.1095i
58.5	−0.5724+0.1634i	0.8856+0.2800i	−49.4874+22.3356i	0.6116+0.3339i	−0.2193+0.3869i	−4.5165−0.7809i	0.9149+0.0414i	0.1070+0.2077i
58.6	−0.5216+0.2435i	0.7874+0.1581i	−48.0405+21.7329i	0.6037+0.3903i	−0.0209+0.5795i	−4.4173−0.7309i	0.9199+0.0353i	0.2270+0.2278i
58.7	−0.5141+0.2727i	0.6110+0.1626i	−48.0146+21.3731i	0.5725+0.4347i	−0.0322+0.5103i	−4.3344−0.7100i	0.8905+0.0488i	0.3457+0.1598i
58.8	−0.4804+0.3526i	0.5766+0.2108i	−47.1386+21.3385i	0.6226+0.5179i	−0.0111+0.4307i	−4.3394−0.5557i	0.8752+0.0854i	0.2909+0.0834i
58.9	−0.4336+0.4182i	0.5598+0.1395i	−46.1029+21.1197i	0.6849+0.5631i	−0.0243+0.4301i	−4.4230−0.3935i	0.8791+0.0957i	0.2713+0.0507i
59.0	−0.3976+0.4884i	0.4793+0.2405i	−45.2456+20.1397i	0.7472+0.6063i	0.0118+0.4005i	−4.4109−0.1721i	0.8760+0.1258i	0.2448+0.0285i
59.1	−0.3368+0.5158i	0.3995+0.3806i	−45.3724+19.3100i	0.7789+0.6368i	−0.0161+0.2585i	−4.2536−0.0376i	0.8885+0.1602i	0.2712−0.0780i
59.2	−0.2636+0.5313i	0.4711+0.5059i	−46.2387+17.7448i	0.8405+0.6613i	0.0501+0.1349i	−4.0556+0.0262i	0.8996+0.1959i	0.2663−0.1577i
59.3	−0.1913+0.5379i	0.4972+0.5567i	−46.5534+16.6741i	0.9071+0.6708i	−0.0091+0.1164i	−3.8855+0.0990i	0.9217+0.2164i	0.2527−0.1918i
59.4	−0.0963+0.5133i	0.5381+0.6469i	−47.3134+15.2109i	0.9982+0.6596i	0.0688−0.0843i	−3.7178+0.1814i	0.9585+0.2406i	0.1831−0.2311i
59.5	−0.0295+0.4791i	0.5726+0.7277i	−48.4509+14.5743i	1.0622+0.6890i	−0.0848−0.1178i	−3.5787+0.1355i	0.9968+0.2801i	0.1186−0.3231i
59.6	0.0111+0.4127i	0.6486+0.7935i	−49.8885+14.5028i	1.1451+0.6709i	−0.2952−0.0362i	−3.4595+0.0507i	1.0600+0.2817i	−0.0033−0.3824i
59.7	0.0371+0.3416i	0.7704+0.8801i	−51.8364+14.0380i	1.2148+0.6294i	−0.4255+0.1490i	−3.3287+0.0004i	1.1181+0.2929i	−0.1296−0.3812i
59.8	0.0318+0.2797i	0.8557+0.8794i	−54.5752+14.9529i	1.2545+0.5873i	−0.5200+0.0769i	−3.2671−0.0974i	1.1792+0.3014i	−0.2144−0.3967i
59.9	0.0050+0.2199i	0.9303+0.7514i	−55.8760+16.1431i	1.2964+0.5391i	−0.5757+0.0019i	−3.2538−0.2184i	1.2623+0.2752i	−0.2032−0.3662i
60.0	−0.0203+0.1070i	1.0579+0.6264i	−58.1146+17.2708i	1.3529+0.4542i	−0.5234+0.1679i	−3.2498−0.4419i	1.3410+0.2339i	−0.2300−0.3170i
60.1	−0.0815+0.0232i	1.1023+0.5402i	−59.6617+18.0068i	1.3636+0.3727i	−0.5654+0.3522i	−3.1783−0.5852i	1.4007+0.1858i	−0.3371−0.2049i
60.2	−0.1877−0.0167i	1.0662+0.4391i	−60.2792+20.0896i	1.3634+0.2980i	−0.5309+0.4740i	−3.2422−0.7080i	1.4725+0.0916i	−0.4228−0.1316i
60.3	−0.3076−0.0404i	1.0913+0.3452i	−60.7751+22.3472i	1.3762+0.2269i	−0.5299+0.6408i	−3.3638−0.8649i	1.5561−0.0073i	−0.5135−0.0049i
60.4	−0.4375+0.0162i	1.0139+0.3216i	−60.3125+25.2227i	1.3618+0.1604i	−0.3800+0.5607i	−3.5593−0.9021i	1.6044−0.1332i	−0.5401+0.1127i
60.5	−0.5734+0.0695i	0.8928+0.3121i	−59.8761+26.9188i	1.2878+0.1258i	−0.3515+0.5955i	−3.7398−0.9235i	1.5965−0.2339i	−0.4362+0.2055i
60.6	−0.6858+0.1267i	0.8691+0.3288i	−59.9197+28.5616i	1.2355+0.1128i	−0.2951+0.6065i	−3.8819−0.8850i	1.6001−0.2955i	−0.3820+0.2831i
60.7	−0.8353+0.2439i	0.8917+0.4009i	−59.2810+31.4965i	1.1885+0.1226i	−0.1607+0.6609i	−4.0725−0.9025i	1.6117−0.4158i	−0.2970+0.2995i
60.8	−0.9155+0.4137i	0.8761+0.4802i	−56.9778+32.2519i	1.1528+0.1402i	0.0358+0.5441i	−4.2593−0.7624i	1.5514−0.5440i	−0.2674+0.2784i
60.9	−0.8938+0.5423i	0.9470+0.4911i	−56.8433+32.1968i	1.1324+0.1739i	0.2385+0.4357i	−4.3019−0.7100i	1.4742−0.5753i	−0.2246+0.2540i
61.0	−0.8336+0.7551i	0.9685+0.4613i	−55.1367+33.2691i	1.1240+0.1965i	0.2154+0.6271i	−4.3340−0.5686i	1.3938−0.6686i	−0.1724+0.2816i
61.1	−0.7586+0.8865i	0.9594+0.4014i	−53.6098+32.7635i	1.1027+0.2059i	0.1368+0.6399i	−4.3058−0.4826i	1.3161−0.7346i	−0.1186+0.2611i
61.2	−0.6969+0.9939i	0.9180+0.3768i	−52.3062+33.2498i	1.1021+0.2013i	0.1572+0.3690i	−4.4137−0.3651i	1.2319−0.7971i	−0.0965+0.2237i
61.3	−0.6191+1.0742i	0.8896+0.3942i	−51.6285+33.0654i	1.1059+0.2050i	0.3570+0.3217i	−4.4621−0.2619i	1.1556−0.8250i	−0.0683+0.2689i
61.4	−0.5678+1.1565i	0.8684+0.4004i	−51.0309+33.1125i	1.1072+0.2202i	0.3100+0.5317i	−4.6422−0.1817i	1.0699−0.8724i	−0.0459+0.2629i
61.5	−0.5200+1.2609i	0.8440+0.4525i	−50.0976+34.1566i	1.1206+0.2785i	0.3630+0.3445i	−4.7339−0.1464i	1.0308−0.9366i	−0.0766+0.1513i
61.6	−0.4814+1.2887i	0.8238+0.4939i	−49.2627+34.2482i	1.1291+0.2880i	0.3003+0.2078i	−4.7304−0.0683i	0.9984−0.9519i	−0.0502+0.1078i
61.7	−0.3902+1.3356i	0.8359+0.4930i	−49.6157+34.3353i	1.1522+0.2963i	0.2585+0.2842i	−4.7433+0.0576i	0.9319−0.9428i	−0.0201+0.1445i
61.8	−0.3063+1.4232i	0.8633+0.4921i	−48.5180+34.5596i	1.1768+0.3288i	0.2033+0.2093i	−4.7640+0.1077i	0.8741−0.9495i	−0.0343+0.1661i
61.9	−0.1919+1.4196i	0.8610+0.5302i	−48.7551+32.7511i	1.1925+0.3314i	0.3432+0.1635i	−4.7596+0.1807i	0.7700−0.9306i	−0.0542+0.1108i
62.0	−0.1274+1.4521i	0.8546+0.5643i	−49.1124+31.9888i	1.1967+0.3434i	0.2972+0.2174i	−4.7177+0.3655i	0.7203−0.8994i	−0.0397+0.0921i
62.1	−0.0587+1.5102i	0.8524+0.6319i	−49.5468+32.2076i	1.2064+0.3582i	0.1469+0.0791i	−4.7174+0.4852i	0.6761−0.8942i	−0.0478+0.0680i
62.2	0.0388+1.5272i	0.8974+0.6793i	−49.9661+31.8833i	1.2463+0.3558i	0.1672+0.0204i	−4.7550+0.4991i	0.6176−0.9079i	−0.0500+0.0595i
62.3	0.1215+1.5207i	0.9043+0.7298i	−50.3787+32.2247i	1.2826+0.3639i	0.1497−0.0667i	−4.8435+0.4954i	0.5631−0.9346i	−0.0511−0.0199i

62.4	0.2096+1.5460i	1.0065+0.7646i	-51.2649+33.8334i	1.3190+0.3857i	0.2134+0.0025i	-4.8104+0.5857i	0.5391-0.9102i	-0.0506-0.0107i
62.5	0.3149+1.5176i	1.0889+0.8283i	-51.2271+32.3051i	1.3587+0.3750i	0.1378-0.0475i	-4.7161+0.6005i	0.4795-0.8832i	-0.0884-0.0152i
62.6	0.3890+1.4926i	1.1707+0.8302i	-52.4701+32.4539i	1.3831+0.3554i	0.2046-0.1512i	-4.7218+0.7102i	0.4351-0.8584i	-0.0968-0.0041i
62.7	0.4614+1.4505i	1.2339+0.8260i	-54.4174+32.4296i	1.3994+0.3419i	0.0929-0.1549i	-4.6998+0.7200i	0.3957-0.8275i	-0.0772-0.0004i
62.8	0.4901+1.4688i	1.3183+0.8298i	-54.2868+33.4373i	1.4380+0.3716i	0.2277-0.1715i	-4.7087+0.7259i	0.3776-0.8185i	-0.1588-0.0499i
62.9	0.5077+1.4765i	1.3852+0.7855i	-55.0213+35.0361i	1.4701+0.3692i	0.1610-0.2121i	-4.8525+0.8141i	0.3389-0.8093i	-0.2022-0.0627i
63.0	0.6462+1.4440i	1.4680+0.7053i	-55.0193+34.7841i	1.5312+0.3225i	0.0399-0.3175i	-4.7877+0.9165i	0.2911-0.7821i	-0.1686+0.0141i
63.1	0.6852+1.4314i	1.5081+0.6691i	-56.4027+36.1137i	1.5557+0.3345i	0.0576-0.2441i	-4.8276+0.9399i	0.2797-0.7493i	-0.1768-0.0304i
63.2	0.7005+1.4296i	1.5244+0.6569i	-58.1106+36.7721i	1.5671+0.3408i	0.0330-0.2734i	-4.8875+0.9593i	0.2610-0.7245i	-0.2212-0.0590i
63.3	0.7825+1.4298i	1.5742+0.6103i	-58.1320+39.0109i	1.6371+0.3380i	0.0193-0.1767i	-4.9170+0.9887i	0.2589-0.7092i	-0.2531-0.0483i
63.4	0.9063+1.3583i	1.6005+0.5534i	-58.7419+39.6598i	1.6937+0.2981i	0.0087-0.1673i	-4.8536+1.0601i	0.2222-0.6797i	-0.2818-0.0458i
63.5	0.9798+1.2853i	1.5758+0.5021i	-59.4680+39.0482i	1.7215+0.2533i	-0.0446-0.3750i	-4.8836+1.0755i	0.1731-0.6504i	-0.2937-0.0534i
63.6	1.0370+1.2571i	1.6084+0.4757i	-59.2184+38.8321i	1.7509+0.2076i	-0.0391-0.3029i	-4.8764+1.1033i	0.1556-0.6462i	-0.3083-0.0086i
63.7	1.0677+1.2497i	1.6146+0.4795i	-60.8629+41.7351i	1.7829+0.2027i	-0.0572-0.1890i	-4.9997+1.2463i	0.1398-0.6259i	-0.3368-0.0388i
63.8	1.0881+1.1635i	1.5645+0.4656i	-62.2065+43.4185i	1.7900+0.1613i	-0.1519-0.2158i	-4.9853+1.3631i	0.1370-0.5637i	-0.3238-0.0314i
63.9	1.1558+1.0895i	1.5755+0.4340i	-62.2712+44.6745i	1.8246+0.1141i	-0.0859-0.3539i	-4.9590+1.4406i	0.1212-0.5275i	-0.3422+0.0132i
64.0	1.1573+1.0431i	1.5687+0.4629i	-63.0352+47.4997i	1.8333+0.0969i	-0.1150-0.4036i	-4.9724+1.4802i	0.1399-0.5100i	-0.3479-0.0013i
64.1	1.2019+1.0076i	1.6429+0.5079i	-62.8736+50.0051i	1.8937+0.0661i	-0.1430-0.3905i	-5.0754+1.6007i	0.1384-0.4919i	-0.3729+0.0166i
64.2	1.1827+0.9600i	1.6812+0.5142i	-64.9231+50.7238i	1.8938+0.0302i	-0.0921-0.4033i	-5.0900+1.5645i	0.1453-0.4729i	-0.3788+0.0485i
64.3	1.1585+0.9514i	1.7598+0.5347i	-65.5394+52.6450i	1.8937+0.0027i	-0.0928-0.3046i	-5.0953+1.6732i	0.1465-0.4649i	-0.4080+0.0512i
64.4	1.1931+0.9259i	1.8054+0.5313i	-64.9152+53.5764i	1.9333-0.0370i	-0.1824-0.3119i	-5.0976+1.8128i	0.1330-0.4434i	-0.4215+0.0558i
64.5	1.2498+0.8954i	1.8416+0.4908i	-64.5072+58.2163i	1.9643-0.0729i	-0.0334-0.3618i	-5.0612+1.9581i	0.1366-0.4378i	-0.4226+0.0337i
64.6	1.3136+0.8480i	1.9025+0.4467i	-65.7082+61.0391i	1.9938-0.1214i	0.0630-0.3677i	-5.0936+2.0559i	0.1258-0.4243i	-0.4235+0.0716i
64.7	1.3169+0.8260i	1.9576+0.4746i	-65.2524+64.1597i	2.0071-0.1350i	-0.1089-0.3238i	-5.1101+2.1540i	0.1274-0.4192i	-0.4585+0.0532i
64.8	1.3363+0.7696i	1.9622+0.4525i	-65.3646+66.6338i	1.9938-0.2047i	-0.1570-0.2486i	-5.0378+2.2258i	0.1128-0.3998i	-0.4540+0.0798i
64.9	1.3834+0.7223i	2.0129+0.4369i	-64.8719+67.5105i	2.0118-0.2605i	-0.2675-0.3941i	-5.0144+2.2952i	0.0922-0.3759i	-0.4753+0.1187i
65.0	1.4179+0.6973i	2.1319+0.4605i	-64.3092+71.5017i	2.0506-0.2843i	-0.3125-0.4673i	-5.0990+2.3608i	0.0765-0.3768i	-0.5336+0.1202i
65.1	1.4214+0.5918i	2.1726+0.4705i	-64.2588+74.3854i	2.0505-0.3426i	-0.2846-0.4856i	-5.1772+2.3671i	0.0586-0.3550i	-0.5012+0.0952i
65.2	1.4665+0.4837i	2.2706+0.3757i	-60.5815+75.7741i	2.0728-0.4636i	-0.2493-0.3917i	-5.1502+2.5224i	0.0455-0.3270i	-0.5286+0.1545i
65.3	1.4938+0.3714i	2.4137+0.3126i	-56.9812+78.9291i	2.1059-0.5350i	-0.3578-0.1960i	-5.1184+2.6183i	0.0339-0.3009i	-0.5532+0.2028i
65.4	1.4726+0.2972i	2.5440+0.2836i	-56.4665+80.6048i	2.0849-0.5989i	-0.5846-0.1816i	-5.1051+2.7690i	0.0385-0.2703i	-0.5849+0.2352i
65.5	1.3476+0.2224i	2.5996+0.2515i	-56.2587+84.3621i	2.0110-0.6195i	-0.4565-0.2131i	-5.0286+2.7412i	0.0672-0.2226i	-0.5397+0.2133i
65.6	1.3170+0.1413i	2.6894+0.1163i	-52.1036+85.7373i	2.0164-0.7028i	-0.4975-0.2068i	-5.0687+2.9029i	0.0689-0.1984i	-0.5082+0.2718i
65.7	1.3107+0.1132i	2.8603+0.0259i	-47.8468+91.5705i	2.0314-0.7474i	-0.5336-0.2923i	-5.0733+3.1040i	0.0783-0.1754i	-0.5321+0.2783i
65.8	1.2307+0.1047i	2.8250-0.0777i	-47.9553+90.3420i	1.9137-0.7959i	-0.4658-0.3302i	-4.9274+3.2111i	0.0781-0.1506i	-0.5004+0.2926i
65.9	1.2232+0.1112i	2.9691-0.1655i	-44.6011+92.3346i	1.9222-0.8236i	-0.5367-0.2993i	-4.9488+3.2752i	0.0943-0.1543i	-0.5532+0.3382i
66.0	1.1792+0.0678i	3.1119-0.3175i	-41.1599+95.2044i	1.8822-0.8829i	-0.5988-0.3386i	-4.8926+3.4146i	0.1122-0.1401i	-0.5578+0.3499i
66.1	1.1200+0.0173i	3.1800-0.5731i	-36.3098+96.1666i	1.8210-0.9632i	-0.6689-0.2570i	-4.8256+3.5264i	0.1260-0.1185i	-0.5303+0.3935i
66.2	1.0630+0.0001i	3.2136-0.7467i	-33.4552+97.1453i	1.7374-0.9853i	-0.5164-0.2559i	-4.7430+3.6892i	0.1262-0.0904i	-0.5225+0.4500i
66.3	1.0074+0.0014i	3.3072-0.8877i	-31.3118+99.9763i	1.6872-0.9701i	-0.4743-0.0133i	-4.7080+3.7778i	0.1574-0.0538i	-0.5375+0.4722i
66.4	0.9348+0.0142i	3.3471-1.1117i	-29.1136+102.1080i	1.6155-0.9557i	-0.2970-0.0953i	-4.6561+3.8946i	0.1900-0.0381i	-0.5193+0.5002i
66.5	0.8927+0.0612i	3.3038-1.3238i	-24.6688+101.8492i	1.5785-0.9347i	-0.2556-0.2569i	-4.6227+3.9843i	0.2250-0.0380i	-0.4974+0.5383i
66.6	0.8581+0.0898i	3.2694-1.5770i	-17.1480+100.7093i	1.5792-0.9463i	-0.4042-0.2044i	-4.6209+4.1235i	0.2566-0.0339i	-0.4669+0.5715i
66.7	0.8020+0.1616i	3.2235-1.7463i	-14.7773+101.5143i	1.5289-0.9041i	-0.6325-0.0497i	-4.5628+4.2509i	0.2718-0.0282i	-0.4636+0.5623i
66.8	0.8060+0.2317i	3.1150-1.9371i	-12.6293+102.9672i	1.4965-0.8197i	-0.5683-0.0702i	-4.4475+4.3505i	0.2942-0.0162i	-0.3753+0.5837i
66.9	0.7968+0.2859i	2.9555-2.0750i	-12.0146+99.5352i	1.4700-0.7833i	-0.5833-0.0038i	-4.2901+4.3279i	0.3262-0.0378i	-0.3700+0.5728i
67.0	0.8028+0.3733i	2.8689-2.2751i	-6.4619+100.6162i	1.4847-0.7332i	-0.4775+0.0149i	-4.1708+4.5394i	0.3680-0.0291i	-0.3591+0.5687i
67.1	0.8343+0.4203i	2.6752-2.4465i	-2.4636+98.7056i	1.4849-0.7190i	-0.4694-0.1213i	-3.9922+4.6157i	0.4055-0.0483i	-0.3371+0.5662i
67.2	0.8702+0.4811i	2.5134-2.5911i	-0.4942+97.2798i	1.4849-0.6935i	-0.5714-0.1078i	-3.8853+4.7079i	0.4051-0.0587i	-0.3112+0.6019i
67.3	0.9111+0.5621i	2.3057-2.7272i	3.2692+96.0632i	1.5140-0.6647i	-0.6425+0.0146i	-3.7433+4.8767i	0.4146-0.0859i	-0.2937+0.6151i
67.4	0.9800+0.6054i	2.1991-2.7866i	6.3454+96.1989i	1.5781-0.6282i	-0.6399+0.0611i	-3.7286+4.8350i	0.4400-0.1134i	-0.3038+0.6253i
67.5	1.0808+0.6181i	1.9951-2.8149i	9.3029+95.9280i	1.6178-0.6041i	-0.6214-0.0039i	-3.5989+4.7298i	0.4519-0.1443i	-0.2641+0.6230i
67.6	1.1361+0.6447i	1.8062-2.8052i	12.0233+92.9932i	1.6340-0.6013i	-0.5440-0.0316i	-3.3853+4.6472i	0.4708-0.1903i	-0.2563+0.5971i
67.7	1.2327+0.6838i	1.6374-2.8053i	14.1874+90.1185i	1.6772-0.6176i	-0.6258-0.0388i	-3.2886+4.8502i	0.4558-0.2168i	-0.2510+0.5690i
67.8	1.3658+0.6707i	1.5061-2.8310i	16.4797+89.0703i	1.7222-0.6288i	-0.6687+0.0004i	-3.1313+4.9310i	0.4270-0.2294i	-0.2483+0.6181i
67.9	1.4638+0.6490i	1.3866-2.8468i	18.4804+86.7974i	1.7686-0.6312i	-0.5513-0.0974i	-3.1072+4.8681i	0.4079-0.2393i	-0.2223+0.6418i
68.0	1.5537+0.6206i	1.2983-2.8444i	20.4822+85.4281i	1.7946-0.6390i	-0.6400+0.0269i	-2.9975+4.9380i	0.3730-0.2173i	-0.2090+0.6529i
68.1	1.6476+0.5721i	1.1887-2.7834i	21.5036+81.3528i	1.7874-0.6701i	-0.7990+0.0699i	-2.8609+4.8735i	0.3677-0.2390i	-0.2070+0.6005i
68.2	1.6887+0.4845i	1.0421-2.7351i	23.5470+78.6359i	1.7765-0.6946i	-0.8053+0.0192i	-2.7963+4.8451i	0.3621-0.2459i	-0.1881+0.5874i
68.3	1.7201+0.3679i	0.8880-2.8188i	25.8435+77.2888i	1.8240-0.7451i	-0.7670-0.0965i	-2.7059+4.8604i	0.3729-0.2452i	-0.1371+0.6082i
68.4	1.7701+0.3295i	0.8466-2.9157i	26.6147+74.3021i	1.8680-0.7797i	-0.7474-0.1267i	-2.7434+4.9880i	0.3409-0.2582i	-0.1509+0.6438i
68.5	1.8265+0.2796i	0.7824-2.8766i	27.5722+71.7113i	1.9060-0.7285i	-0.7791+0.0853i	-2.6258+4.9472i	0.3334-0.2302i	-0.1582+0.6665i
68.6	1.8254+0.1956i	0.6076-2.8062i	28.6647+69.4511i	1.8949-0.7407i	-0.8540+0.0989i	-2.4674+4.7403i	0.3572-0.2485i	-0.1226+0.6275i

68.7	1.8179+0.1288i	0.4203-2.7426i	28.2267+67.6156i	1.8938-0.7553i	-0.8160+0.1774i	-2.3585+4.6738i	0.3752-0.2343i	-0.0695+0.5956i
68.8	1.8449+0.0480i	0.2992-2.7312i	28.7054+65.9092i	1.9291-0.7518i	-0.8128+0.1782i	-2.2275+4.6975i	0.3572-0.2173i	-0.0814+0.6045i
68.9	1.8644-0.0007i	0.2119-2.6731i	30.8316+64.4389i	2.0247-0.7071i	-0.8448+0.2284i	-2.2824+4.5077i	0.3640-0.2109i	-0.0734+0.6019i
69.0	1.8565-0.0676i	0.0616-2.5924i	31.3241+61.7175i	2.0483-0.7324i	-0.7407+0.2946i	-2.2068+4.4443i	0.3615-0.2033i	-0.0310+0.6062i
69.1	1.8424-0.0859i	-0.0811-2.4911i	29.6844+58.7397i	2.0757-0.7913i	-0.6127+0.2868i	-2.2510+4.4701i	0.3424-0.2036i	-0.0172+0.6160i
69.2	1.8585-0.1125i	-0.2094-2.3351i	30.5280+57.1433i	2.1199-0.7718i	-0.6397+0.4776i	-2.1281+4.4181i	0.3452-0.1261i	0.0057+0.6396i
69.3	1.8271-0.1319i	-0.2728-2.1253i	31.4585+55.4333i	2.1425-0.7698i	-0.6591+0.4743i	-2.1108+4.3115i	0.3733-0.1031i	0.0626+0.6044i
69.4	1.8742-0.1306i	-0.2262-1.9684i	31.6951+52.1849i	2.2579-0.8204i	-0.6724+0.2855i	-2.2039+4.3472i	0.4510-0.1096i	0.0779+0.6121i
69.5	1.9153-0.1126i	-0.1466-1.7890i	30.3890+49.9778i	2.3066-0.8402i	-0.7259+0.2314i	-2.1585+4.2346i	0.5132-0.1290i	0.0893+0.6023i
69.6	2.0063-0.1340i	0.0196-1.7282i	29.6827+49.3037i	2.3869-0.8683i	-0.9117+0.2018i	-2.2862+4.2292i	0.5316-0.1276i	0.1603+0.5964i
69.7	2.0388-0.1959i	0.1138-1.7107i	27.8245+47.7222i	2.3537-0.8510i	-1.1206+0.3964i	-2.2992+4.0771i	0.4870-0.1192i	0.1703+0.5512i
69.8	2.0970-0.2447i	0.1992-1.8060i	28.0538+46.0276i	2.4178-0.8950i	-1.0485+0.3924i	-2.4015+4.1512i	0.5078-0.1361i	0.1666+0.5157i
69.9	2.1898-0.3218i	0.2247-1.9429i	26.5506+43.8575i	2.5245-0.9688i	-1.0277+0.4441i	-2.5100+4.3510i	0.5517-0.1602i	0.2074+0.4618i
70.0	2.2207-0.3877i	0.1929-2.0191i	27.1274+42.2245i	2.6976-0.9620i	-1.1658+0.6290i	-2.6853+4.3012i	0.6405-0.1613i	0.2267+0.4340i
70.1	2.2603-0.4251i	0.2339-1.9878i	25.8905+43.2948i	2.8216-0.8382i	-1.1481+0.7825i	-2.8366+4.0634i	0.6925-0.1529i	0.1942+0.3823i
70.2	2.2978-0.4996i	0.1565-1.9668i	24.8788+41.6378i	2.9243-0.8744i	-1.0730+0.8676i	-2.9151+4.0876i	0.6999-0.2109i	0.1588+0.3065i
70.3	2.3706-0.5919i	0.0559-2.0054i	24.2090+40.9462i	3.0969-0.9372i	-1.1334+0.8514i	-2.9723+4.1783i	0.7476-0.2252i	0.1643+0.2864i
70.4	2.4627-0.7252i	-0.0759-2.0782i	23.9687+38.9594i	3.2477-1.1740i	-1.1605+0.7843i	-2.9947+4.5079i	0.7538-0.3231i	0.1553+0.2628i
70.5	2.5616-0.7934i	-0.0946-2.0994i	23.7159+37.0996i	3.4324-1.3574i	-0.9996+0.9241i	-3.2144+4.7390i	0.7566-0.4135i	0.1152+0.2341i
70.6	2.5953-0.9363i	-0.0832-2.0124i	22.8550+37.3620i	3.6043-1.4963i	-0.9550+1.1253i	-3.3670+4.8279i	0.7892-0.4255i	0.0968+0.1939i
70.7	2.6488-1.0920i	-0.0880-1.9632i	22.6717+35.3184i	3.7331-1.7161i	-0.8353+1.1837i	-3.3193+4.9608i	0.7964-0.4674i	0.0311+0.2241i
70.8	2.7562-1.2484i	-0.0268-1.9862i	22.0219+34.7808i	3.9541-1.9577i	-0.8467+1.3574i	-3.5421+5.1786i	0.8542-0.5270i	0.0011+0.2178i
70.9	2.8093-1.4297i	0.0140-2.0153i	20.9624+34.8304i	4.1116-2.2409i	-0.8265+1.5063i	-3.7413+5.4998i	0.9179-0.5767i	0.0222+0.1772i
71.0	2.7668-1.6427i	-0.0181-2.0542i	19.8548+34.1004i	4.0466-2.5668i	-0.7632+1.3959i	-3.6894+5.8016i	0.9097-0.6799i	-0.0070+0.1218i
71.1	2.6949-1.9344i	-0.1338-2.1238i	18.9087+33.3606i	3.8809-2.9653i	-0.7651+1.4492i	-3.4430+6.0663i	0.8637-0.8353i	0.0158+0.1468i
71.2	2.6265-2.1534i	-0.1789-2.1443i	18.7562+33.3590i	3.8472-3.1931i	-0.7771+1.7402i	-3.3175+6.3108i	0.8791-0.8933i	0.0153+0.1367i
71.3	2.5221-2.4439i	-0.1207-2.2714i	19.5194+32.5798i	3.8690-3.6745i	-0.6066+1.9762i	-3.3786+6.7586i	0.9111-1.1173i	-0.0561+0.0493i
71.4	2.4512-2.6295i	-0.1448-2.2641i	17.8257+32.5925i	3.8552-3.8451i	-0.7057+1.7926i	-3.3636+7.0103i	0.8571-1.1455i	-0.1068+0.0440i
71.5	2.2745-2.8395i	-0.2774-2.2630i	17.5738+31.0236i	3.6269-4.1221i	-0.4880+1.9611i	-3.1059+7.2145i	0.7301-1.2503i	-0.1415+0.0184i
71.6	1.9936-3.0599i	-0.3737-2.1846i	16.3158+29.9284i	3.3556-4.3047i	-0.2757+2.0290i	-2.8872+7.2177i	0.5650-1.3120i	-0.1966-0.0166i
71.7	1.7601-3.2452i	-0.4035-2.2698i	14.8725+31.6358i	3.2272-4.6343i	0.0065+2.2594i	-2.7350+7.6425i	0.5109-1.3747i	-0.2436+0.0278i
71.8	1.5366-3.3783i	-0.4286-2.4216i	15.0291+31.2623i	3.1278-5.0130i	0.2144+2.6244i	-2.5660+8.1800i	0.5057-1.4643i	-0.2946+0.0593i
71.9	1.1629-3.4740i	-0.5511-2.4514i	15.5746+31.1890i	2.7484-5.2906i	0.5448+2.5191i	-2.1164+8.5856i	0.3479-1.5057i	-0.3820+0.0608i
72.0	0.9565-3.5080i	-0.6505-2.4536i	14.3841+30.5252i	2.5301-5.3756i	0.5628+2.3281i	-1.8404+8.6701i	0.2418-1.4917i	-0.4245+0.1310i
72.1	0.5778-3.4148i	-0.8230-2.3876i	13.1066+29.0083i	2.0272-5.4131i	1.0436+2.0505i	-1.2771+8.6245i	0.0681-1.4862i	-0.4164+0.1698i
72.2	0.2284-3.3116i	-0.9736-2.4508i	13.4409+28.2677i	1.6705-5.6173i	1.0263+1.9429i	-0.9641+8.8080i	-0.0607-1.5443i	-0.4476+0.1827i
72.3	-0.0089-3.2252i	-1.0197-2.5289i	13.4959+29.2948i	1.4834-5.7715i	1.1675+1.8629i	-0.7240+9.0186i	-0.0868-1.5905i	-0.4680+0.2432i
72.4	-0.1964-3.0878i	-1.1269-2.7195i	13.7406+29.3314i	1.2851-6.0088i	1.1752+1.7482i	-0.4505+9.4535i	-0.1420-1.6999i	-0.4829+0.3254i
72.5	-0.3541-2.8189i	-1.3526-2.7382i	13.4207+28.5400i	0.9440-6.0595i	1.5656+1.4196i	0.0074+9.5127i	-0.2962-1.7291i	-0.5798+0.3797i
72.6	-0.4102-2.6962i	-1.4634-2.6213i	12.5559+28.7637i	0.7949-5.9791i	1.6558+1.6336i	0.2894+9.4784i	-0.3445-1.6057i	-0.6136+0.3978i
72.7	-0.4689-2.5317i	-1.6094-2.4918i	12.0841+28.7597i	0.5366-5.9588i	1.5650+1.2240i	0.7412+9.4492i	-0.3790-1.5079i	-0.5745+0.4527i
72.8	-0.5420-2.3707i	-1.8582-2.3843i	11.6323+29.3152i	0.1607-5.9443i	1.7163+0.7922i	1.3818+9.4013i	-0.4842-1.4830i	-0.5495+0.4584i
72.9	-0.5428-2.2532i	-2.0852-2.2317i	11.0785+28.9463i	-0.1683-5.8471i	1.4558+0.8665i	1.7532+9.3290i	-0.6365-1.4175i	-0.5173+0.4802i
73.0	-0.5412-2.1599i	-2.3678-2.2056i	11.6931+28.2113i	-0.5263-6.0083i	1.3381+0.8480i	2.2868+9.3801i	-0.7913-1.5371i	-0.4889+0.5945i
73.1	-0.5305-2.0714i	-2.3858-1.9863i	11.1434+28.6148i	-0.6660-5.8567i	1.6393+0.5366i	2.5632+9.0736i	-0.8168-1.5102i	-0.4969+0.5975i
73.2	-0.5041-1.9276i	-2.4969-1.7370i	10.7799+27.4334i	-1.0016-5.6428i	1.5835+0.2032i	2.9455+8.7157i	-0.9776-1.4383i	-0.4559+0.6219i
73.3	-0.4805-1.8354i	-2.6479-1.5895i	11.2190+27.0267i	-1.3687-5.6538i	1.5894+0.2728i	3.4689+8.6141i	-1.1279-1.4693i	-0.4429+0.6590i
73.4	-0.4779-1.8019i	-2.5525-1.4478i	10.8939+27.8086i	-1.4531-5.5840i	1.5508+0.1548i	3.5568+8.4487i	-1.1293-1.4287i	-0.4174+0.6693i
73.5	-0.4847-1.8068i	-2.5402-1.2342i	11.0999+27.8722i	-1.6670-5.4132i	1.4127+0.0900i	3.8058+8.0726i	-1.2207-1.3519i	-0.3687+0.6653i
73.6	-0.4718-1.8060i	-2.5594-1.0524i	10.7870+27.4101i	-1.9591-5.2565i	1.2906+0.2574i	4.0858+7.8465i	-1.3774-1.2575i	-0.3595+0.6588i
73.7	-0.4794-1.8124i	-2.5035-0.9370i	10.0963+27.5554i	-2.1047-5.1802i	1.1906+0.2909i	4.2710+7.6139i	-1.4214-1.2079i	-0.3834+0.6426i
73.8	-0.5136-1.7930i	-2.4520-0.8656i	9.9440+27.7550i	-2.2814-5.0352i	1.1911+0.2157i	4.4384+7.3163i	-1.4943-1.1498i	-0.3915+0.6661i
73.9	-0.5856-1.7699i	-2.4778-0.8263i	10.1066+27.5335i	-2.5344-4.9643i	1.4133+0.1570i	4.7026+7.0990i	-1.5964-1.1311i	-0.3869+0.6940i
74.0	-0.6310-1.7318i	-2.4302-0.6788i	9.2940+26.8209i	-2.6860-4.7159i	1.5428+0.0971i	4.8605+6.7389i	-1.6358-0.9972i	-0.3889+0.6936i
74.1	-0.6677-1.6564i	-2.4264-0.5940i	8.8108+26.8270i	-2.8129-4.4890i	1.3832+0.2238i	4.9869+6.4893i	-1.6710-0.8793i	-0.3922+0.6838i
74.2	-0.6911-1.6337i	-2.4661-0.5070i	8.6249+26.8920i	-2.9373-4.3302i	1.3256-0.0234i	5.0362+6.2854i	-1.7745-0.7758i	-0.3660+0.7471i
74.3	-0.7082-1.6171i	-2.5004-0.3251i	9.3698+26.5128i	-3.0675-4.0982i	1.2981-0.1390i	5.1786+5.9406i	-1.8452-0.6406i	-0.3835+0.7347i
74.4	-0.7001-1.5718i	-2.4871-0.2078i	8.6615+26.5096i	-3.2012-3.9032i	1.3150-0.1872i	5.2265+5.7148i	-1.8995-0.5384i	-0.3626+0.7089i
74.5	-0.6738-1.5500i	-2.4385-0.1473i	7.8357+26.7742i	-3.2106-3.7610i	1.2326-0.1813i	5.1809+5.5683i	-1.9030-0.4676i	-0.3521+0.7333i
74.6	-0.6583-1.5021i	-2.4089-0.0320i	7.8899+26.6361i	-3.3291-3.5900i	1.1383-0.1699i	5.4523+5.3389i	-1.9093-0.3685i	-0.3221+0.7640i
74.7	-0.6660-1.5107i	-2.4732+0.0730i	7.9383+26.1678i	-3.4742-3.4237i	1.0339-0.2656i	5.6537+5.1059i	-2.0151-0.2698i	-0.3214+0.7838i
74.8	-0.7045-1.5440i	-2.4842+0.2100i	7.2313+26.0035i	-3.5194-3.2479i	1.0280-0.3466i	5.6325+4.8561i	-2.0525-0.1525i	-0.3232+0.7489i
74.9	-0.7004-1.4973i	-2.3233+0.3521i	6.4628+27.0053i	-3.4753-3.0422i	1.0147-0.2737i	5.6482+4.6592i	-1.9474-0.0504i	-0.3088+0.7471i

75.0	−0.7340−1.5051i	−2.3233+0.4950i	6.4737+27.3213i	−3.5367−2.8582i	1.0151−0.4157i	5.6524+4.4517i	−2.0240+0.0989i	−0.3403+0.7801i
75.1	−0.7786−1.4885i	−2.2418+0.5848i	6.6875+27.1897i	−3.5832−2.6728i	0.8886−0.4069i	5.6595+4.2178i	−2.0244+0.2041i	−0.3362+0.8002i
75.2	−0.7533−1.4670i	−2.2758+0.6789i	6.7673+26.0247i	−3.6370−2.4688i	1.0208−0.3691i	5.7326+3.9985i	−2.0812+0.2777i	−0.3368+0.7986i
75.3	−0.7586−1.4033i	−2.2056+0.7533i	6.9032+25.7919i	−3.6749−2.3464i	1.0825−0.4019i	5.7376+3.8570i	−2.1168+0.3552i	−0.3494+0.8406i
75.4	−0.8011−1.4332i	−2.1535+0.8466i	6.8538+26.1161i	−3.7015−2.2535i	0.7869−0.3699i	5.8131+3.6357i	−2.1541+0.4329i	−0.3534+0.8433i
75.5	−0.8104−1.4009i	−2.0651+1.0048i	6.1127+26.1822i	−3.6792−2.0558i	0.8462−0.2706i	5.8347+3.3635i	−2.1226+0.5857i	−0.3630+0.8536i
75.6	−0.7914−1.3579i	−1.9033+1.1208i	5.5979+26.5130i	−3.6237−1.8600i	0.7847−0.4593i	5.8800+3.1890i	−2.0550+0.7579i	−0.3402+0.9087i
75.7	−0.8151−1.3686i	−1.7735+1.2086i	4.6450+26.2942i	−3.5960−1.6806i	0.7283−0.5092i	5.8997+2.8994i	−1.9981+0.8714i	−0.3330+0.9058i
75.8	−0.8280−1.3420i	−1.7103+1.2610i	5.0089+26.7579i	−3.6293−1.5817i	0.7220−0.4545i	5.9920+2.7500i	−2.0431+0.9564i	−0.3563+0.9103i
75.9	−0.8799−1.3368i	−1.5962+1.2944i	5.4921+27.7333i	−3.6338−1.5414i	0.6274−0.5622i	6.0308+2.6143i	−1.9981+1.0434i	−0.3382+0.9174i
76.0	−0.8826−1.3581i	−1.5053+1.3695i	4.9656+27.0782i	−3.6356−1.3229i	0.6031−0.4904i	6.0295+2.2314i	−1.9915+1.2030i	−0.3858+0.9762i
76.1	−0.8737−1.3665i	−1.3570+1.3833i	4.3130+27.4266i	−3.5458−1.1589i	0.6396−0.5075i	5.8164+1.9670i	−1.9160+1.2948i	−0.3892+1.0038i
76.2	−0.8999−1.3955i	−1.2386+1.4568i	4.6373+28.3753i	−3.5787−1.0577i	0.6508−0.2439i	5.8484+1.5387i	−1.8701+1.4009i	−0.3580+1.0215i
76.3	−0.9502−1.4287i	−1.1746+1.5650i	4.1411+27.8962i	−3.5627−0.9133i	0.4330−0.2837i	5.8833+1.2522i	−1.8175+1.5670i	−0.3180+1.0746i
76.4	−0.9926−1.4067i	−0.9648+1.5493i	4.4466+27.7772i	−3.4896−0.7613i	0.5484−0.4470i	5.5986+0.9556i	−1.7369+1.6447i	−0.3470+1.1116i
76.5	−1.1221−1.3611i	−0.8134+1.5120i	4.8920+28.5538i	−3.5735−0.6515i	0.5955−0.4562i	5.7057+0.7792i	−1.6321+1.7533i	−0.2992+1.1679i
76.6	−1.1476−1.3328i	−0.7318+1.5201i	4.6826+28.4757i	−3.5730−0.4141i	0.5677−0.4499i	5.6137+0.3936i	−1.5799+1.8532i	−0.2960+1.1566i
76.7	−1.1937−1.2921i	−0.6159+1.5407i	4.4781+28.1477i	−3.4781−0.1672i	0.6091−0.4639i	5.4177−0.0820i	−1.4585+1.9831i	−0.2686+1.1540i
76.8	−1.2200−1.2717i	−0.5099+1.4838i	4.4366+29.1019i	−3.3730−0.0720i	0.4698−0.5392i	5.1282−0.4190i	−1.3745+2.0077i	−0.2673+1.1862i
76.9	−1.3067−1.2255i	−0.3814+1.4991i	4.1516+29.1401i	−3.2438+0.0869i	0.3400−0.4282i	4.5304−0.6662i	−1.2821+2.0998i	−0.3082+1.2202i
77.0	−1.3746−1.2134i	−0.2239+1.4119i	4.6454+30.0174i	−3.0944+0.1401i	0.4819−0.4250i	4.1256−0.7332i	−1.1435+2.1423i	−0.2676+1.2824i
77.1	−1.4117−1.1705i	−0.1612+1.3652i	5.0487+30.0679i	−3.0068+0.2719i	0.4641−0.5064i	3.8103−0.8646i	−1.0873+2.2218i	−0.2755+1.3403i
77.2	−1.4863−1.0961i	−0.0279+1.3262i	4.7016+30.6673i	−2.8216+0.3883i	0.4876−0.5045i	3.1885−0.8224i	−0.9632+2.2967i	−0.2744+1.3998i
77.3	−1.5175−0.9874i	0.0733+1.2368i	4.6218+30.1071i	−2.7210+0.4963i	0.5882−0.2736i	2.8618−0.7482i	−0.8408+2.3157i	−0.2192+1.4364i
77.4	−1.4846−0.8966i	0.1363+1.1337i	4.9205+30.4153i	−2.6105+0.6565i	0.6181−0.3653i	2.7630−0.6106i	−0.7280+2.4229i	−0.1759+1.5329i
77.5	−1.5283−0.8413i	0.1445+1.0909i	5.9021+30.4658i	−2.5680+0.7810i	0.5712−0.4556i	2.5984−0.5237i	−0.6744+2.5534i	−0.1453+1.5928i
77.6	−1.5254−0.8273i	0.1655+1.0261i	6.8821+30.7868i	−2.4864+0.8795i	0.5549−0.4071i	2.4926−0.5736i	−0.5822+2.6324i	−0.0963+1.6490i
77.7	−1.5365−0.8211i	0.1787+0.9246i	7.7179+31.2924i	−2.3158+0.9855i	0.4461−0.5319i	2.2479−0.6471i	−0.4654+2.6622i	−0.0377+1.6877i
77.8	−1.5954−0.7475i	0.1853+0.8802i	8.1586+31.1597i	−2.1290+0.9776i	0.4152−0.6276i	2.0415−0.4110i	−0.3306+2.7431i	0.0556+1.7453i
77.9	−1.6138−0.6760i	0.2358+0.8492i	7.2448+29.9746i	−1.8567+1.1078i	0.3239−0.6429i	1.6703−0.4204i	−0.0939+2.8376i	0.1499+1.7757i
78.0	−1.5409−0.5728i	0.2453+0.7827i	7.3834+29.7894i	−1.6443+1.2220i	0.4022−0.5741i	1.2822−0.4687i	0.0419+2.8242i	0.1875+1.7787i
78.1	−1.5443−0.5646i	0.2092+0.7469i	8.1825+30.0935i	−1.4676+1.1550i	0.6535−0.5122i	1.0059−0.2563i	0.1779+2.7934i	0.2462+1.7809i
78.2	−1.5070−0.5639i	0.2137+0.6959i	8.7595+29.9104i	−1.2335+1.0256i	0.6036−0.4857i	0.8832+0.0974i	0.3798+2.7603i	0.3494+1.7911i
78.3	−1.5288−0.5679i	0.1933+0.6492i	8.6140+29.7167i	−1.0131+0.9044i	0.5232−0.5562i	0.6269+0.3606i	0.5790+2.7133i	0.4504+1.8233i
78.4	−1.5606−0.5232i	0.2014+0.6262i	8.5376+29.8359i	−0.9223+0.8354i	0.5706−0.6274i	0.4588+0.6596i	0.6831+2.6836i	0.4862+1.8157i
78.5	−1.6184−0.4813i	0.2234+0.5857i	9.2837+29.8351i	−0.7911+0.6935i	0.4542−0.5269i	0.3549+0.9629i	0.8774+2.5712i	0.5788+1.7917i
78.6	−1.6136−0.4538i	0.2227+0.5449i	9.7605+29.8612i	−0.7290+0.5408i	0.3296−0.7139i	0.4460+1.2819i	1.0222+2.4973i	0.6896+1.7821i
78.7	−1.6129−0.3903i	0.2275+0.5058i	9.4776+30.0783i	−0.6554+0.3991i	0.5011−0.7354i	0.4724+1.7262i	1.1124+2.3992i	0.7569+1.7621i
78.8	−1.6714−0.3061i	0.2411+0.5114i	10.1172+29.5673i	−0.6422+0.3004i	0.6923−0.7323i	0.7486+2.1524i	1.2508+2.3584i	0.8654+1.7592i
78.9	−1.7311−0.2246i	0.2162+0.4830i	11.5156+30.0718i	−0.7564+0.1802i	0.5228−0.7325i	1.1432+2.2903i	1.3321+2.2373i	0.9797+1.7441i
79.0	−1.7595−0.0848i	0.1635+0.4703i	13.5444+28.4733i	−0.9394+0.2105i	0.2600−0.7143i	1.5434+2.0975i	1.3252+2.1816i	1.0942+1.6925i
79.1	−1.6076+0.0737i	0.1305+0.4307i	13.4876+26.3147i	−0.8821+0.3624i	0.1299−0.8536i	1.3739+1.7664i	1.3039+2.1335i	1.1006+1.5691i
79.2	−1.5311+0.0618i	0.1305+0.4352i	11.9520+25.2667i	−0.6169+0.3883i	0.0851−0.7675i	0.8301+1.7965i	1.4520+2.1135i	1.0895+1.4994i
79.3	−1.5160+0.1129i	0.1981+0.4097i	10.7372+25.0831i	−0.5492+0.2295i	0.1498−0.8061i	0.9888+2.1716i	1.5699+1.9374i	1.1233+1.4112i
79.4	−1.4843+0.1256i	0.1977+0.3763i	10.6712+25.1086i	−0.5466+0.0980i	0.1778−0.7788i	1.0410+2.5491i	1.6270+1.8129i	1.1473+1.3705i
79.5	−1.4004+0.1402i	0.1411+0.3291i	10.6646+25.9877i	−0.4891−0.0191i	0.1172−0.8321i	1.1979+2.8976i	1.6864+1.7759i	1.1700+1.4119i
79.6	−1.4027+0.1783i	0.0922+0.3336i	10.0300+25.5523i	−0.5138−0.0701i	−0.0142−0.6283i	1.4134+2.8046i	1.7477+1.6398i	1.2163+1.3067i
79.7	−1.4051+0.2091i	0.0935+0.3421i	10.0557+25.2525i	−0.5621−0.1519i	0.0791−0.9202i	1.6987+2.8541i	1.8089+1.4853i	1.2677+1.2175i
79.8	−1.3753+0.2202i	0.1026+0.3922i	10.2578+24.6870i	−0.5663−0.2227i	0.0071−1.0242i	1.9448+3.0334i	1.8792+1.4100i	1.3158+1.2086i
79.9	−1.3690+0.2121i	0.0817+0.4063i	10.4438+24.4984i	−0.6641−0.2919i	−0.0616−0.9644i	2.3446+2.9616i	1.8974+1.3475i	1.3512+1.1628i
80.0	−1.3069+0.2527i	0.0932+0.3952i	10.4508+24.8811i	−0.6609−0.3346i	−0.1361−0.8785i	2.4753+3.0492i	1.8871+1.2566i	1.3505+1.1358i

2.1.82 Run 7 – VT270-200 – Accels 25–32

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	--	10.5993+0.0000i	8.0519+0.0000i	8.8129+0.0000i	3.2536+0.0000i	12.3291+0.0000i	9.0568+0.0000i	-7.3349+0.0000i
0.1	--	1.7679-0.2416i	1.2418-0.2053i	1.5632-0.2750i	0.6022+0.5746i	2.3072+0.5045i	1.4857-0.3921i	-0.8328-0.1839i
0.2	--	-0.0244+0.0092i	0.0167+0.0388i	0.0581+0.0301i	0.0131+0.2248i	-0.1248+0.3347i	0.0167-0.1552i	0.1367-0.5181i
0.3	--	-0.0143+0.0038i	0.0126+0.0216i	0.0208-0.0015i	-0.0230-0.0038i	-0.0770+0.0670i	0.0024+0.0005i	0.1235-0.1003i
0.4	--	-0.0041+0.0012i	0.0103+0.0004i	0.0159-0.0192i	-0.0264-0.0370i	0.0104-0.0188i	-0.0204-0.0232i	0.0068-0.0089i
0.5	--	0.0007-0.0033i	0.0082+0.0026i	-0.0038-0.0082i	0.0042+0.0066i	0.0298-0.0150i	-0.0179-0.0048i	-0.0184-0.0237i
0.6	--	-0.0015+0.0031i	0.0049+0.0048i	-0.0093+0.0001i	0.0264+0.0147i	0.0127+0.0052i	-0.0051-0.0018i	-0.0100-0.0064i
0.7	--	-0.0019+0.0008i	-0.0014+0.0034i	-0.0033+0.0024i	0.0162-0.0069i	-0.0004-0.0001i	-0.0008+0.0009i	-0.0000-0.0011i
0.8	--	-0.0030-0.0009i	-0.0017-0.0002i	0.0002-0.0041i	0.0118-0.0109i	0.0022-0.0007i	0.0052+0.0013i	-0.0042-0.0009i
0.9	--	-0.0029+0.0003i	0.0003-0.0026i	0.0032-0.0110i	-0.0005-0.0030i	0.0003-0.0032i	0.0100-0.0017i	0.0003+0.0028i
1.0	--	-0.0027+0.0028i	0.0005+0.0018i	-0.0003-0.0067i	-0.0071-0.0013i	-0.0002-0.0013i	0.0037+0.0001i	0.0014+0.0001i
1.1	--	-0.0025+0.0006i	0.0000+0.0028i	0.0100-0.0032i	0.0011+0.0032i	0.0016-0.0012i	-0.0013-0.0013i	0.0002-0.0004i
1.2	--	-0.0030-0.0015i	-0.0007-0.0001i	0.0048+0.0039i	-0.0005-0.0013i	0.0036-0.0014i	0.0001-0.0009i	0.0015+0.0007i
1.3	--	-0.0051+0.0007i	-0.0006+0.0013i	0.0027-0.0032i	-0.0074-0.0036i	0.0010+0.0002i	0.0005-0.0010i	0.0023-0.0000i
1.4	--	-0.0068-0.0001i	-0.0010+0.0016i	0.0003+0.0013i	-0.0067-0.0026i	-0.0007+0.0001i	0.0004-0.0025i	0.0017+0.0025i
1.5	--	-0.0070-0.0002i	-0.0040-0.0010i	-0.0015-0.0021i	-0.0082-0.0033i	-0.0014-0.0008i	0.0001-0.0017i	0.0010+0.0008i
1.6	--	-0.0081+0.0019i	-0.0104+0.0113i	-0.0041-0.0075i	-0.0040-0.0027i	-0.0010-0.0005i	0.0005+0.0007i	0.0015-0.0011i
1.7	--	-0.0088+0.0013i	0.0012+0.0178i	-0.0101-0.0018i	0.0019-0.0072i	-0.0008-0.0004i	0.0026-0.0016i	0.0013-0.0002i
1.8	--	-0.0138+0.0010i	0.0130+0.0058i	-0.0033-0.0084i	0.0020-0.0035i	-0.0022+0.0003i	0.0032+0.0014i	0.0009-0.0011i
1.9	--	-0.0191-0.0002i	0.0156-0.0029i	-0.0007-0.0102i	-0.0049+0.0026i	-0.0035+0.0041i	0.0060+0.0003i	0.0035-0.0006i
2.0	--	-0.0260+0.0005i	0.0107-0.0080i	-0.0069-0.0118i	-0.0058-0.0023i	-0.0002+0.0065i	0.0070+0.0009i	0.0013-0.0038i
2.1	--	-0.0372-0.0013i	0.0034-0.0074i	-0.0019-0.0034i	-0.0045+0.0010i	0.0040+0.0075i	0.0083+0.0009i	-0.0041-0.0073i
2.2	--	-0.0624+0.0024i	0.0023-0.0045i	0.0018+0.0023i	-0.0041-0.0015i	0.0088+0.0013i	0.0117+0.0001i	-0.0120-0.0018i
2.3	--	-0.1157+0.0569i	0.0101-0.0087i	0.0027+0.0044i	-0.0146+0.0077i	0.0021-0.0023i	0.0193-0.0098i	-0.0058+0.0024i
2.4	--	-0.0727+0.2133i	0.0056-0.0249i	0.0009-0.0056i	-0.0103+0.0387i	0.0005+0.0001i	0.0129-0.0364i	-0.0019+0.0041i
2.5	--	0.1275+0.1359i	-0.0116-0.0166i	-0.0161-0.0097i	0.0248+0.0243i	0.0016-0.0008i	-0.0198-0.0231i	-0.0012+0.0043i
2.6	--	0.1075+0.0187i	-0.0082-0.0062i	-0.0206+0.0098i	0.0199+0.0063i	0.0009-0.0018i	-0.0176-0.0031i	-0.0006+0.0031i
2.7	--	0.0633+0.0118i	-0.0035-0.0025i	-0.0192+0.0025i	0.0125+0.0030i	-0.0009-0.0005i	-0.0116-0.0007i	0.0010+0.0023i
2.8	--	0.0440+0.0047i	-0.0039-0.0002i	-0.0045-0.0099i	0.0110+0.0017i	-0.0017-0.0007i	-0.0076-0.0002i	0.0030+0.0010i
2.9	--	0.0377+0.0034i	-0.0034+0.0004i	-0.0028-0.0039i	0.0093-0.0005i	-0.0000-0.0007i	-0.0070-0.0010i	0.0009+0.0017i
3.0	--	0.0325+0.0050i	-0.0029-0.0012i	-0.0066+0.0002i	0.0085+0.0022i	-0.0002+0.0009i	-0.0047-0.0017i	0.0015+0.0009i
3.1	--	0.0273+0.0075i	-0.0021-0.0016i	-0.0086-0.0187i	0.0056-0.0022i	-0.0020-0.0017i	-0.0044-0.0019i	0.0036+0.0020i
3.2	--	0.0300+0.0080i	0.0007-0.0014i	-0.0153-0.0176i	0.0067-0.0027i	-0.0050-0.0003i	-0.0048+0.0000i	0.0036+0.0006i
3.3	--	0.0288+0.0057i	-0.0003-0.0042i	-0.0111-0.0036i	0.0012-0.0008i	-0.0021+0.0011i	-0.0028-0.0003i	0.0024-0.0011i
3.4	--	0.0313+0.0070i	-0.0004-0.0028i	-0.0226-0.0015i	-0.0028+0.0022i	0.0012+0.0012i	-0.0020+0.0008i	-0.0016-0.0015i
3.5	--	0.0294+0.0095i	0.0015-0.0013i	-0.0380-0.0086i	0.0011+0.0095i	-0.0013-0.0028i	-0.0045-0.0002i	-0.0001-0.0022i
3.6	--	0.0257+0.0156i	0.0018+0.0045i	-0.0283-0.0469i	0.0140+0.0182i	-0.0019-0.0022i	-0.0029-0.0002i	0.0036-0.0051i
3.7	--	0.0240+0.0035i	-0.0004+0.0013i	-0.0078+0.0101i	-0.0076+0.0080i	0.0055-0.0002i	-0.0031+0.0035i	-0.0065+0.0015i
3.8	--	0.0263-0.0009i	0.0017+0.0013i	-0.0252+0.0032i	0.0013-0.0027i	0.0027-0.0026i	-0.0005+0.0032i	-0.0048+0.0014i
3.9	--	0.0265-0.0011i	0.0008-0.0004i	-0.0214-0.0006i	0.0015-0.0018i	0.0033+0.0004i	0.0005+0.0012i	-0.0048-0.0016i
4.0	--	0.0263-0.0008i	0.0000-0.0002i	-0.0204-0.0052i	-0.0002-0.0002i	0.0051+0.0008i	0.0003-0.0002i	-0.0074-0.0013i
4.1	--	0.0250-0.0011i	-0.0001-0.0004i	-0.0199-0.0009i	0.0010-0.0006i	0.0070-0.0013i	-0.0006-0.0007i	-0.0099+0.0013i
4.2	--	0.0248-0.0004i	0.0004-0.0001i	-0.0215+0.0011i	0.0018+0.0003i	0.0081-0.0037i	-0.0008-0.0002i	-0.0102+0.0040i
4.3	--	0.0255+0.0010i	0.0003+0.0021i	-0.0239-0.0077i	0.0023+0.0036i	0.0093-0.0070i	-0.0007-0.0010i	-0.0105+0.0078i
4.4	--	0.0270+0.0003i	0.0025+0.0021i	-0.0268-0.0063i	0.0049+0.0077i	0.0104-0.0119i	-0.0023-0.0028i	-0.0115+0.0117i
4.5	--	0.0275+0.0006i	0.0048+0.0023i	-0.0331-0.0059i	0.0094+0.0060i	0.0097-0.0182i	-0.0073-0.0012i	-0.0122+0.0197i
4.6	--	0.0244+0.0000i	0.0044+0.0050i	-0.0343-0.0062i	0.0159+0.0028i	0.0108-0.0284i	-0.0108+0.0020i	-0.0119+0.0293i
4.7	--	0.0244+0.0061i	0.0079+0.0123i	-0.0258-0.0093i	0.0178-0.0147i	-0.0126-0.0665i	-0.0068+0.0223i	0.0118+0.0639i
4.8	--	0.0425+0.0042i	0.0238+0.0054i	-0.0181-0.0064i	-0.0177-0.0103i	-0.1060-0.0425i	0.0468+0.0143i	0.0963+0.0425i
4.9	--	0.0457-0.0067i	0.0251-0.0057i	-0.0294+0.0011i	-0.0136+0.0112i	-0.1206+0.0123i	0.0445-0.0218i	0.1111-0.0103i
5.0	--	0.0327-0.0009i	0.0069-0.0134i	-0.0470-0.0063i	0.0111-0.0048i	-0.0194+0.0646i	-0.0020-0.0065i	0.0149-0.0642i
5.1	--	0.0377+0.0035i	0.0003-0.0103i	-0.0528-0.0151i	-0.0002-0.0167i	0.0145+0.0590i	0.0100+0.0036i	-0.0235-0.0593i
5.2	--	0.0504-0.0099i	0.0022-0.0083i	-0.0748-0.0022i	-0.0210+0.0111i	0.0191+0.0508i	0.0275-0.0397i	-0.0307-0.0465i
5.3	--	0.0453-0.0213i	0.0041-0.0036i	-0.0916-0.0221i	-0.0045+0.0552i	0.0214+0.0391i	-0.0060-0.0886i	-0.0316-0.0277i
5.4	--	0.0125-0.0064i	-0.0049-0.0014i	-0.0677+0.0006i	0.1061+0.0259i	0.0606+0.0049i	-0.1374-0.0112i	-0.0495-0.0019i
5.5	--	0.0243+0.0169i	-0.0038+0.0043i	-0.0543-0.0178i	0.0793-0.0605i	0.0547-0.0125i	-0.0984+0.0895i	-0.0480+0.0005i
5.6	--	0.0329+0.0197i	-0.0003+0.0100i	-0.0575-0.0131i	0.0607-0.0763i	0.0451-0.0505i	-0.0635+0.1052i	-0.0461+0.0369i

5.7	--	0.0400+0.0197i	0.0082+0.0106i	-0.0592-0.0071i	0.0543-0.0887i	-0.0022-0.0786i	-0.0398+0.1121i	-0.0024+0.0633i
5.8	--	0.0521+0.0220i	0.0151+0.0069i	-0.0754-0.0051i	0.0349-0.1094i	-0.0404-0.0600i	-0.0105+0.1252i	0.0310+0.0428i
5.9	--	0.0659+0.0224i	0.0196+0.0017i	-0.0824-0.0060i	-0.0004-0.1219i	-0.0729-0.0384i	0.0333+0.1268i	0.0570+0.0205i
6.0	--	0.0743+0.0181i	0.0190-0.0063i	-0.0882-0.0043i	-0.0177-0.1146i	-0.0774+0.0099i	0.0482+0.1042i	0.0584-0.0256i
6.1	--	0.0824+0.0159i	0.0118-0.0114i	-0.0949-0.0029i	-0.0208-0.1120i	-0.0374+0.0525i	0.0391+0.0966i	0.0175-0.0670i
6.2	--	0.0958+0.0160i	0.0049-0.0099i	-0.1005+0.0024i	-0.0420-0.1184i	0.0046+0.0493i	0.0506+0.1064i	-0.0296-0.0650i
6.3	--	0.1117+0.0146i	0.0023-0.0062i	-0.1109+0.0070i	-0.0626-0.1104i	0.0271+0.0322i	0.0699+0.1065i	-0.0573-0.0464i
6.4	--	0.1329+0.0107i	0.0023-0.0038i	-0.1222+0.0150i	-0.0773-0.1105i	0.0309+0.0176i	0.0945+0.1107i	-0.0677-0.0319i
6.5	--	0.1520+0.0044i	0.0024-0.0035i	-0.1267+0.0221i	-0.0934-0.1080i	0.0330+0.0107i	0.1187+0.1028i	-0.0755-0.0230i
6.6	--	0.1879+0.0019i	0.0000-0.0031i	-0.1266+0.0274i	-0.1028-0.1153i	0.0406-0.0129i	0.1330+0.0944i	-0.0899+0.0023i
6.7	--	0.2301-0.0090i	-0.0021-0.0023i	-0.1267+0.0312i	-0.1243-0.1319i	0.0340-0.0318i	0.1557+0.0993i	-0.0931+0.0230i
6.8	--	0.2986-0.0429i	-0.0061-0.0006i	-0.1336+0.0344i	-0.1712-0.1431i	0.0127-0.0380i	0.1968+0.0966i	-0.0881+0.0349i
6.9	--	0.3792-0.1055i	-0.0147+0.0047i	-0.1335+0.0316i	-0.2313-0.1467i	-0.0004-0.0278i	0.2428+0.0900i	-0.0939+0.0352i
7.0	--	0.4947-0.2594i	-0.0254+0.0175i	-0.1324+0.0398i	-0.3443-0.1352i	0.0160-0.0019i	0.3436+0.0805i	-0.1404+0.0346i
7.1	--	0.4685-0.5639i	-0.0202+0.0463i	-0.1300+0.0470i	-0.4799+0.0142i	0.0666-0.0667i	0.4773-0.0852i	-0.1997+0.1671i
7.2	--	0.1222-0.8091i	0.0100+0.0598i	-0.0976+0.0385i	-0.4366+0.2946i	-0.0639-0.2593i	0.3772-0.4443i	-0.0014+0.4347i
7.3	--	-0.1672-0.8090i	0.0303+0.0599i	-0.0979+0.0029i	-0.2761+0.4190i	-0.2897-0.1484i	0.0860-0.5109i	0.3008+0.3260i
7.4	--	-0.4452-0.6159i	0.0564+0.0501i	-0.1603-0.0489i	-0.0714+0.3930i	-0.2123+0.1718i	-0.0861-0.2812i	0.2773-0.0541i
7.5	--	-0.4970-0.3801i	0.0653+0.0276i	-0.2152-0.0409i	0.0042+0.2947i	-0.0237+0.1675i	-0.0339-0.1741i	0.0855-0.0961i
7.6	--	-0.3931-0.2397i	0.0554+0.0123i	-0.2440-0.0077i	-0.0038+0.2309i	-0.0158+0.0676i	0.0011-0.1791i	0.0566-0.0130i
7.7	--	-0.3499-0.2044i	0.0522+0.0075i	-0.2552-0.0119i	-0.0041+0.2201i	-0.0196+0.0675i	0.0040-0.1765i	0.0540-0.0180i
7.8	--	-0.3265-0.1944i	0.0503+0.0063i	-0.2935-0.0295i	-0.0061+0.2249i	0.0024+0.0722i	0.0146-0.1840i	0.0246-0.0222i
7.9	--	-0.3461-0.1896i	0.0484+0.0042i	-0.3505-0.0211i	0.0109+0.2315i	0.0348+0.0508i	0.0061-0.2026i	-0.0085+0.0020i
8.0	--	-0.3642-0.1589i	0.0470+0.0007i	-0.4044+0.0169i	0.0278+0.2269i	0.0310+0.0057i	-0.0138-0.2128i	-0.0038+0.0454i
8.1	--	-0.3594-0.1358i	0.0479-0.0006i	-0.4478+0.0570i	0.0471+0.2536i	0.0077+0.0298i	-0.0323-0.2343i	0.0198+0.0225i
8.2	--	-0.3776-0.1116i	0.0484-0.0032i	-0.4970+0.0953i	0.0956+0.2631i	0.0142+0.0298i	-0.0753-0.2497i	0.0180+0.0211i
8.3	--	-0.3899-0.0876i	0.0466-0.0035i	-0.5203+0.1290i	0.1345+0.2533i	0.0198+0.0213i	-0.1137-0.2469i	0.0166+0.0273i
8.4	--	-0.4003-0.0614i	0.0441-0.0051i	-0.5553+0.1747i	0.1764+0.2304i	0.0190+0.0126i	-0.1573-0.2299i	0.0224+0.0343i
8.5	--	-0.4150-0.0310i	0.0448-0.0039i	-0.6303+0.2135i	0.2204+0.1969i	0.0171+0.0010i	-0.2011-0.2025i	0.0272+0.0423i
8.6	--	-0.4356-0.0075i	0.0439-0.0040i	-0.6813+0.2650i	0.2487+0.1625i	0.0086-0.0071i	-0.2308-0.1725i	0.0379+0.0445i
8.7	--	-0.4685+0.0244i	0.0415-0.0037i	-0.7686+0.3506i	0.2723+0.1262i	-0.0080-0.0096i	-0.2589-0.1417i	0.0549+0.0417i
8.8	--	-0.5012+0.0694i	0.0419-0.0030i	-0.8822+0.4668i	0.2892+0.0894i	-0.0159+0.0016i	-0.2826-0.1090i	0.0638+0.0266i
8.9	--	-0.5395+0.1526i	0.0380-0.0029i	-0.9989+0.7133i	0.3013+0.0251i	0.0029+0.0117i	-0.3184-0.0437i	0.0421+0.0097i
9.0	--	-0.5525+0.2426i	0.0384+0.0041i	-1.0216+0.9701i	0.3035-0.0167i	0.0092-0.0076i	-0.3271+0.0206i	0.0340+0.0274i
9.1	--	-0.5280+0.3288i	0.0497+0.0146i	-0.9368+1.1521i	0.2924-0.0587i	-0.0286-0.0114i	-0.2845+0.0757i	0.0676+0.0284i
9.2	--	-0.5793+0.4395i	0.0559+0.0096i	-1.0843+1.4838i	0.3147-0.1001i	-0.0365+0.0227i	-0.2960+0.0967i	0.0729-0.0023i
9.3	--	-0.4239+0.7128i	0.0573+0.0032i	-0.5845+2.2619i	0.2688-0.2212i	-0.0111+0.0296i	-0.2605+0.2143i	0.0515-0.0119i
9.4	--	-0.1024+0.8468i	0.0568-0.0003i	0.3892+2.5585i	0.1525-0.3017i	0.0115+0.0200i	-0.1462+0.2927i	0.0301-0.0069i
9.5	--	0.1677+0.7580i	0.0553-0.0023i	1.1478+2.2230i	0.0456-0.2920i	0.0185+0.0013i	-0.0389+0.2824i	0.0230+0.0079i
9.6	--	0.2896+0.5255i	0.0505-0.0008i	1.4454+1.4957i	-0.0224-0.2213i	0.0030-0.0159i	0.0267+0.2115i	0.0377+0.0205i
9.7	--	0.2911+0.3437i	0.0515+0.0039i	1.3893+0.9538i	-0.0399-0.1558i	-0.0133-0.0176i	0.0434+0.1476i	0.0513+0.0197i
9.8	--	0.2585+0.2451i	0.0535+0.0096i	1.2581+0.6645i	-0.0360-0.1185i	-0.0261-0.0132i	0.0394+0.1116i	0.0609+0.0160i
9.9	--	0.2153+0.1835i	0.0534+0.0152i	1.1235+0.4924i	-0.0243-0.0933i	-0.0346-0.0028i	0.0293+0.0889i	0.0681+0.0053i
10.0	--	0.1778+0.1475i	0.0574+0.0200i	0.9969+0.3974i	-0.0139-0.0865i	-0.0363+0.0069i	0.0184+0.0826i	0.0670-0.0054i
10.1	--	0.1495+0.1211i	0.0606+0.0272i	0.8885+0.3302i	-0.0101-0.0894i	-0.0354+0.0155i	0.0168+0.0879i	0.0644-0.0152i
10.2	--	0.1291+0.1079i	0.0675+0.0346i	0.7987+0.2890i	-0.0155-0.0984i	-0.0290+0.0222i	0.0253+0.0964i	0.0523-0.0259i
10.3	--	0.1154+0.1029i	0.0756+0.0372i	0.7432+0.2914i	-0.0354-0.0988i	-0.0184+0.0206i	0.0478+0.0978i	0.0371-0.0249i
10.4	--	0.1105+0.0950i	0.0817+0.0381i	0.7387+0.3002i	-0.0565-0.0842i	-0.0160+0.0070i	0.0719+0.0820i	0.0312-0.0075i
10.5	--	0.1092+0.0841i	0.0890+0.0392i	0.7382+0.2626i	-0.0563-0.0650i	-0.0251+0.0083i	0.0780+0.0596i	0.0402-0.0043i
10.6	--	0.1055+0.0740i	0.0934+0.0381i	0.7312+0.2224i	-0.0493-0.0505i	-0.0287+0.0130i	0.0792+0.0442i	0.0446-0.0075i
10.7	--	0.0983+0.0588i	0.1022+0.0417i	0.6949+0.1714i	-0.0421-0.0398i	-0.0284+0.0149i	0.0793+0.0289i	0.0429-0.0097i
10.8	--	0.0911+0.0445i	0.1084+0.0445i	0.6713+0.1411i	-0.0378-0.0341i	-0.0295+0.0130i	0.0789+0.0160i	0.0410-0.0085i
10.9	--	0.0810+0.0365i	0.1117+0.0487i	0.6306+0.1114i	-0.0309-0.0338i	-0.0306+0.0132i	0.0784+0.0079i	0.0408-0.0087i
11.0	--	0.0718+0.0330i	0.1168+0.0513i	0.5892+0.1046i	-0.0218-0.0380i	-0.0309+0.0136i	0.0775-0.0029i	0.0424-0.0081i
11.1	--	0.0609+0.0292i	0.1194+0.0566i	0.5798+0.0958i	-0.0146-0.0486i	-0.0322+0.0118i	0.0806-0.0182i	0.0427-0.0051i
11.2	--	0.0544+0.0271i	0.1265+0.0670i	0.5627+0.0940i	-0.0155-0.0630i	-0.0349+0.0103i	0.0740-0.0320i	0.0452-0.0027i
11.3	--	0.0481+0.0234i	0.1357+0.0824i	0.5515+0.1002i	-0.0290-0.0815i	-0.0385+0.0087i	0.0594-0.0466i	0.0493-0.0005i
11.4	--	0.0403+0.0217i	0.1543+0.0973i	0.5412+0.0821i	-0.0605-0.0893i	-0.0472+0.0056i	0.0347-0.0542i	0.0562+0.0012i
11.5	--	0.0359+0.0194i	0.1720+0.0976i	0.5286+0.0846i	-0.0823-0.0822i	-0.0540+0.0045i	0.0189-0.0500i	0.0615+0.0006i
11.6	--	0.0308+0.0165i	0.1849+0.0949i	0.5048+0.0786i	-0.0984-0.0607i	-0.0599+0.0070i	0.0131-0.0384i	0.0656-0.0002i
11.7	--	0.0207+0.0175i	0.1863+0.1001i	0.5109+0.0727i	-0.1030-0.0426i	-0.0692+0.0094i	0.0097-0.0329i	0.0722+0.0001i
11.8	--	0.0170+0.0189i	0.1912+0.1134i	0.4964+0.0693i	-0.1065-0.0314i	-0.0780+0.0106i	0.0059-0.0291i	0.0804-0.0045i
11.9	--	0.0138+0.0224i	0.1903+0.1326i	0.4777+0.0641i	-0.1110-0.0147i	-0.0907+0.0146i	0.0056-0.0204i	0.0910-0.0062i

12.0	--	0.0112+0.0209i	0.1915+0.1622i	0.4682+0.0804i	-0.1125-0.0052i	-0.0989+0.0183i	0.0031-0.0163i	0.0984-0.0075i
12.1	--	0.0088+0.0227i	0.1836+0.2061i	0.4656+0.0916i	-0.1177+0.0047i	-0.1083+0.0219i	0.0026-0.0117i	0.1060-0.0116i
12.2	--	0.0070+0.0221i	0.1886+0.2645i	0.4681+0.1135i	-0.1228+0.0190i	-0.1213+0.0271i	0.0046-0.0050i	0.1163-0.0174i
12.3	--	0.0077+0.0253i	0.2265+0.3557i	0.4716+0.1095i	-0.1235+0.0383i	-0.1340+0.0387i	0.0060+0.0021i	0.1264-0.0259i
12.4	--	0.0111+0.0255i	0.2800+0.4941i	0.4782+0.1026i	-0.1216+0.0608i	-0.1510+0.0488i	0.0072+0.0095i	0.1399-0.0311i
12.5	--	0.0159+0.0228i	0.3916+0.7014i	0.4999+0.1104i	-0.1136+0.0882i	-0.1778+0.0585i	0.0148+0.0249i	0.1595-0.0383i
12.6	--	0.0202+0.0171i	0.6366+0.9106i	0.5123+0.1010i	-0.0954+0.1164i	-0.2070+0.0690i	0.0321+0.0409i	0.1819-0.0487i
12.7	--	0.0219+0.0086i	0.9637+1.0527i	0.5155+0.0927i	-0.0749+0.1358i	-0.2404+0.0820i	0.0549+0.0517i	0.2073-0.0589i
12.8	--	0.0242-0.0042i	1.4419+0.9837i	0.4707+0.0934i	-0.0462+0.1459i	-0.2796+0.1235i	0.0856+0.0530i	0.2403-0.0893i
12.9	--	0.0209-0.0083i	1.9111+0.8309i	0.4415+0.0822i	-0.0100+0.1475i	-0.3279+0.1759i	0.1114+0.0409i	0.2839-0.1313i
13.0	--	0.0179-0.0125i	2.4163+0.5023i	0.4126+0.0938i	0.0283+0.1488i	-0.3858+0.2547i	0.1377+0.0127i	0.3389-0.1978i
13.1	--	0.0247-0.0184i	2.8451+0.1503i	0.3753+0.1227i	0.0689+0.1565i	-0.4373+0.3517i	0.1614-0.0084i	0.3865-0.2808i
13.2	--	0.0381-0.0379i	3.3493-0.4194i	0.3494+0.1956i	0.1270+0.1537i	-0.4980+0.5112i	0.1788-0.0381i	0.4439-0.4193i
13.3	--	0.0546-0.0731i	3.7134-1.1891i	0.3191+0.3103i	0.2019+0.1118i	-0.5191+0.7307i	0.1767-0.0683i	0.4703-0.6209i
13.4	--	0.0769-0.1588i	4.1140-2.6907i	0.3355+0.5680i	0.2646-0.0062i	-0.4369+1.2029i	0.1865-0.0748i	0.3837-1.0724i
13.5	--	0.0140-0.2531i	3.5091-4.1068i	0.5787+0.7452i	0.2587-0.1149i	-0.0061+1.4377i	0.2591-0.1439i	-0.0329-1.2578i
13.6	--	-0.1935-0.3485i	1.1701-5.7926i	1.0946+0.8026i	0.1799-0.3197i	0.7974+1.3773i	0.1719-0.3610i	-0.7351-1.1442i
13.7	--	-0.4112-0.2375i	-1.2332-5.1366i	1.4669+0.4101i	-0.0361-0.3890i	1.2350+0.8466i	-0.0114-0.3595i	-1.0923-0.6678i
13.8	--	-0.5011-0.0823i	-2.1875-3.7790i	1.5577+0.0400i	-0.2031-0.3180i	1.2538+0.3883i	-0.0840-0.2659i	-1.0983-0.2727i
13.9	--	-0.5223+0.0723i	-2.3453-2.6485i	1.5659-0.2621i	-0.2986-0.1991i	1.1262+0.0795i	-0.0851-0.1897i	-0.9857-0.0028i
14.0	--	-0.5076+0.1739i	-2.1790-2.0711i	1.5359-0.4527i	-0.3213-0.1067i	0.9999-0.0606i	-0.0570-0.1615i	-0.8769+0.1234i
14.1	--	-0.4542+0.3089i	-1.9524-1.6553i	1.4295-0.7511i	-0.3021+0.0097i	0.8607-0.1501i	-0.0256-0.1817i	-0.7532+0.2101i
14.2	--	-0.3562+0.4826i	-1.7788-1.2790i	1.1692-1.2356i	-0.2504+0.1212i	0.7010-0.2131i	-0.0544-0.2211i	-0.5915+0.2715i
14.3	--	-0.1904+0.6196i	-1.6710-1.0555i	0.6682-1.6036i	-0.1673+0.1898i	0.6208-0.2474i	-0.1151-0.2351i	-0.5054+0.2977i
14.4	--	0.0292+0.5995i	-1.5745-0.9091i	0.0002-1.4911i	-0.0757+0.1760i	0.5915-0.2564i	-0.1616-0.1940i	-0.4799+0.2929i
14.5	--	0.1844+0.4859i	-1.4904-0.7756i	-0.4549-1.0761i	-0.0284+0.1269i	0.5671-0.2852i	-0.1816-0.1348i	-0.4641+0.3091i
14.6	--	0.2105+0.3433i	-1.3670-0.6781i	-0.4968-0.5387i	-0.0331+0.0823i	0.5402-0.3400i	-0.1564-0.0870i	-0.4530+0.3613i
14.7	--	0.2190+0.2560i	-1.2705-0.6201i	-0.4172-0.1292i	-0.0377+0.0745i	0.4884-0.4378i	-0.1237-0.0729i	-0.4138+0.4666i
14.8	--	0.2384+0.2058i	-1.2210-0.6061i	-0.2994+0.1488i	-0.0314+0.0825i	0.3946-0.5187i	-0.1106-0.0696i	-0.3232+0.5564i
14.9	--	0.2539+0.1443i	-1.2032-0.5815i	-0.0781+0.3201i	-0.0092+0.0849i	0.2444-0.5526i	-0.1069-0.0863i	-0.1691+0.6008i
15.0	--	0.2351+0.0431i	-1.1651-0.5468i	0.2011+0.3476i	0.0183+0.0573i	0.0832-0.4647i	-0.1225-0.0916i	0.0065+0.5150i
15.1	--	0.1738-0.0391i	-1.1986-0.5340i	0.3981+0.3267i	0.0225+0.0169i	0.0175-0.3637i	-0.1319-0.0727i	0.0835+0.4059i
15.2	--	0.1015-0.0615i	-1.2280-0.4770i	0.5279+0.2731i	0.0097-0.0139i	0.0116-0.2827i	-0.1267-0.0503i	0.0899+0.3136i
15.3	--	0.0403-0.0383i	-1.2090-0.3746i	0.6088+0.1627i	-0.0137-0.0279i	0.0530-0.2233i	-0.1021-0.0388i	0.0391+0.2465i
15.4	--	0.0185-0.0113i	-1.1536-0.2923i	0.6148+0.0740i	-0.0336-0.0401i	0.0981-0.1956i	-0.0746-0.0373i	-0.0169+0.2150i
15.5	--	0.0103+0.0019i	-1.1084-0.2448i	0.6042+0.0257i	-0.0512-0.0435i	0.1343-0.1973i	-0.0584-0.0535i	-0.0589+0.2188i
15.6	--	-0.0022+0.0118i	-1.0812-0.2088i	0.6206-0.0258i	-0.0585-0.0395i	0.1630-0.2321i	-0.0627-0.0903i	-0.0897+0.2647i
15.7	--	-0.0169+0.0236i	-1.0453-0.1879i	0.6478-0.0752i	-0.0615-0.0572i	0.1737-0.2884i	-0.0893-0.1254i	-0.0994+0.3344i
15.8	--	-0.0180+0.0221i	-1.0087-0.1650i	0.6344-0.0701i	-0.0994-0.0864i	0.1408-0.3363i	-0.1155-0.1271i	-0.0591+0.3841i
15.9	--	-0.0202+0.0246i	-0.9761-0.1582i	0.6295-0.0858i	-0.1414-0.0786i	0.0882-0.3724i	-0.1476-0.1378i	0.0035+0.4290i
16.0	--	-0.0271+0.0355i	-0.9560-0.1406i	0.6165-0.1203i	-0.1841-0.0487i	0.0122-0.3732i	-0.1931-0.1206i	0.0948+0.4313i
16.1	--	-0.0260+0.0400i	-0.9389-0.1284i	0.6003-0.1296i	-0.1988-0.0379i	-0.0366-0.3669i	-0.2327-0.1000i	0.1549+0.4208i
16.2	--	-0.0247+0.0376i	-0.9184-0.1202i	0.6061-0.1077i	-0.2252-0.0429i	-0.0915-0.3451i	-0.2576-0.0448i	0.2181+0.3858i
16.3	--	-0.0307+0.0340i	-0.9031-0.1164i	0.6388-0.0899i	-0.2618-0.0186i	-0.1248-0.3046i	-0.2621+0.0112i	0.2534+0.3323i
16.4	--	-0.0382+0.0231i	-0.8898-0.1157i	0.6670-0.0744i	-0.2898+0.0297i	-0.1456-0.2545i	-0.2443+0.0572i	0.2747+0.2725i
16.5	--	-0.0471+0.0111i	-0.8808-0.1198i	0.6894-0.0498i	-0.3002+0.0719i	-0.1684-0.2115i	-0.2414+0.1059i	0.2995+0.2178i
16.6	--	-0.0733+0.0066i	-0.8867-0.1361i	0.7612-0.0498i	-0.2960+0.0949i	-0.1709-0.1815i	-0.2055+0.1621i	0.2972+0.1759i
16.7	--	-0.1015+0.0235i	-0.9013-0.1312i	0.8386-0.1006i	-0.3262+0.1675i	-0.1566-0.1344i	-0.1252+0.1704i	0.2672+0.1248i
16.8	--	-0.1115+0.0533i	-0.9118-0.1116i	0.8562-0.1960i	-0.2707+0.2720i	-0.0903-0.0848i	-0.0667+0.1343i	0.1844+0.0812i
16.9	--	-0.1065+0.0629i	-0.9142-0.0894i	0.8465-0.2303i	-0.1777+0.2229i	-0.0595-0.1544i	-0.1139+0.0855i	0.1684+0.1658i
17.0	--	-0.1126+0.0695i	-0.9048-0.0724i	0.8606-0.2310i	-0.1906+0.1584i	-0.1011-0.2147i	-0.1356+0.1736i	0.2239+0.2159i
17.1	--	-0.1253+0.0835i	-0.8936-0.0579i	0.9181-0.2849i	-0.2628+0.1819i	-0.2219-0.2081i	0.0097+0.1926i	0.3359+0.2092i
17.2	--	-0.1265+0.1053i	-0.8909-0.0622i	0.9459-0.3783i	-0.3104+0.2431i	-0.2704-0.0709i	-0.0032+0.0557i	0.3938+0.0690i
17.3	--	-0.1219+0.1215i	-0.9007-0.0644i	0.9441-0.4578i	-0.3448+0.3405i	-0.2279+0.0193i	-0.0795+0.0837i	0.3541-0.0386i
17.4	--	-0.1081+0.1266i	-0.9115-0.0551i	0.8707-0.4952i	-0.2242+0.4471i	-0.1358+0.0357i	-0.0373+0.1568i	0.2493-0.0637i
17.5	--	-0.1085+0.1203i	-0.9139-0.0460i	0.8708-0.4829i	-0.0329+0.3404i	-0.0806-0.0377i	0.1303+0.1401i	0.1719+0.0152i
17.6	--	-0.1181+0.1317i	-0.9183-0.0491i	0.9257-0.5638i	-0.0982+0.2774i	-0.1123-0.0423i	0.1363+0.0321i	0.2021+0.0297i
17.7	--	-0.1166+0.1461i	-0.9287-0.0542i	0.9031-0.6508i	-0.1623+0.3143i	-0.1154-0.0232i	0.0963-0.0331i	0.2096+0.0108i
17.8	--	-0.1135+0.1585i	-0.9438-0.0529i	0.8768-0.7245i	-0.1847+0.3625i	-0.1150-0.0294i	0.0621-0.0627i	0.2056+0.0158i
17.9	--	-0.1112+0.1692i	-0.9693-0.0451i	0.8594-0.8104i	-0.1575+0.4491i	-0.1264-0.0174i	0.0173-0.0920i	0.2165+0.0157i
18.0	--	-0.0998+0.1728i	-0.9842-0.0384i	0.7910-0.8450i	-0.1044+0.4763i	-0.1372-0.0030i	-0.0436-0.1125i	0.2366+0.0114i
18.1	--	-0.0836+0.1801i	-1.0086-0.0293i	0.6686-0.9108i	-0.0176+0.5099i	-0.1287+0.0301i	-0.0880-0.0899i	0.2389-0.0142i
18.2	--	-0.0754+0.1815i	-1.0260-0.0124i	0.5588-0.9425i	0.0437+0.5039i	-0.1136+0.0473i	-0.1046-0.0449i	0.2343-0.0341i

18.3	--	-0.0640+0.1661i	-1.0518-0.0008i	0.4113-0.8935i	0.0938+0.4693i	-0.0982+0.0615i	-0.1124+0.0122i	0.2374-0.0566i
18.4	--	-0.0616+0.1468i	-1.0680+0.0110i	0.2822-0.7949i	0.1404+0.4301i	-0.0736+0.0627i	-0.0982+0.0252i	0.2324-0.0664i
18.5	--	-0.0776+0.1038i	-1.0951+0.0231i	0.1562-0.4963i	0.1861+0.3438i	-0.0386+0.0394i	-0.0732+0.0158i	0.2303-0.0734i
18.6	--	-0.1746+0.0952i	-1.1304+0.0266i	0.5872-0.1393i	0.1058+0.2768i	-0.0709-0.0015i	-0.0950+0.0104i	0.2473-0.1120i
18.7	--	-0.2244+0.1866i	-1.1748+0.0484i	1.0684-0.4487i	0.0435+0.3631i	-0.1161+0.0449i	-0.1105+0.0616i	0.2132-0.1797i
18.8	--	-0.1868+0.2596i	-1.2034+0.0839i	1.0015-0.8951i	0.0975+0.4082i	-0.0915+0.0862i	-0.0680+0.0931i	0.1441-0.1805i
18.9	--	-0.1558+0.2850i	-1.2311+0.1021i	0.8486-1.0598i	0.1267+0.4130i	-0.0760+0.1002i	-0.0466+0.0913i	0.1244-0.1669i
19.0	--	-0.1329+0.3063i	-1.2725+0.1220i	0.7272-1.1768i	0.1638+0.4192i	-0.0565+0.1110i	-0.0256+0.0867i	0.1040-0.1634i
19.1	--	-0.1056+0.3127i	-1.3267+0.1630i	0.5935-1.1931i	0.1789+0.4022i	-0.0434+0.1167i	-0.0028+0.0759i	0.0888-0.1544i
19.2	--	-0.0916+0.3114i	-1.3616+0.1929i	0.5154-1.1827i	0.1937+0.4013i	-0.0258+0.1212i	0.0187+0.0642i	0.0768-0.1442i
19.3	--	-0.0818+0.3214i	-1.4111+0.2323i	0.4742-1.2218i	0.2161+0.4015i	-0.0122+0.1192i	0.0233+0.0351i	0.0674-0.1306i
19.4	--	-0.0753+0.3352i	-1.4456+0.2801i	0.4408-1.2781i	0.2392+0.4067i	-0.0029+0.1221i	0.0211+0.0225i	0.0628-0.1278i
19.5	--	-0.0591+0.3506i	-1.4841+0.3422i	0.3565-1.3591i	0.2832+0.4124i	0.0159+0.1268i	0.0178+0.0193i	0.0495-0.1316i
19.6	--	-0.0316+0.3556i	-1.5231+0.4324i	0.2063-1.3948i	0.3344+0.3891i	0.0343+0.1290i	0.0156+0.0122i	0.0400-0.1320i
19.7	--	-0.0091+0.3529i	-1.5582+0.4963i	0.0692-1.3943i	0.3658+0.3702i	0.0430+0.1354i	0.0118+0.0149i	0.0374-0.1404i
19.8	--	0.0093+0.3564i	-1.5957+0.5845i	-0.0815-1.4115i	0.4054+0.3247i	0.0680+0.1247i	0.0154-0.0070i	0.0169-0.1192i
19.9	--	0.0233+0.3560i	-1.6082+0.6565i	-0.1759-1.3927i	0.4109+0.2701i	0.0773+0.1046i	0.0023-0.0240i	0.0162-0.0920i
20.0	--	0.0359+0.3480i	-1.6099+0.7504i	-0.2967-1.3332i	0.4041+0.2277i	0.0838+0.0912i	-0.0137-0.0277i	0.0187-0.0842i
20.1	--	0.0441+0.3468i	-1.6317+0.8320i	-0.4090-1.2743i	0.4018+0.1997i	0.0910+0.0775i	-0.0219-0.0260i	0.0179-0.0740i
20.2	--	0.0541+0.3447i	-1.6149+0.9096i	-0.4977-1.1944i	0.4049+0.1853i	0.0918+0.0658i	-0.0174-0.0225i	0.0228-0.0638i
20.3	--	0.0632+0.3390i	-1.6226+0.9721i	-0.5706-1.0941i	0.4070+0.1638i	0.0866+0.0619i	-0.0206-0.0261i	0.0339-0.0693i
20.4	--	0.0708+0.3349i	-1.6738+1.0573i	-0.6235-0.9895i	0.4065+0.1331i	0.0843+0.0667i	-0.0302-0.0313i	0.0351-0.0871i
20.5	--	0.0813+0.3369i	-1.7427+1.1583i	-0.7171-0.9278i	0.4113+0.1077i	0.0849+0.0727i	-0.0337-0.0354i	0.0365-0.0977i
20.6	--	0.0876+0.3283i	-1.7830+1.3272i	-0.7560-0.7857i	0.4023+0.0795i	0.0937+0.0785i	-0.0379-0.0363i	0.0296-0.1084i
20.7	--	0.0953+0.3169i	-1.6952+1.5224i	-0.8052-0.6205i	0.4129+0.0587i	0.1166+0.0885i	-0.0408-0.0350i	0.0066-0.1325i
20.8	--	0.1012+0.3151i	-1.5856+1.6340i	-0.7931-0.5078i	0.3941+0.0224i	0.1438+0.0833i	-0.0757-0.0459i	-0.0378-0.1285i
20.9	--	0.1113+0.3157i	-1.3922+1.8086i	-0.8218-0.4356i	0.3750+0.0090i	0.1551+0.0636i	-0.0968-0.0168i	-0.0504-0.1012i
21.0	--	0.1157+0.3098i	-1.2566+1.9088i	-0.8417-0.3194i	0.3591-0.0045i	0.1601+0.0486i	-0.0998+0.0077i	-0.0550-0.0866i
21.1	--	0.1148+0.3092i	-1.1362+1.9589i	-0.8155-0.1761i	0.3428-0.0243i	0.1723+0.0325i	-0.1073+0.0181i	-0.0683-0.0742i
21.2	--	0.1189+0.3096i	-0.9901+1.9751i	-0.8148-0.0466i	0.3161-0.0261i	0.1810+0.0129i	-0.1228+0.0430i	-0.0802-0.0503i
21.3	--	0.1207+0.3120i	-0.8838+1.9606i	-0.7500+0.0893i	0.3026-0.0397i	0.1843-0.0107i	-0.1175+0.0626i	-0.0874-0.0276i
21.4	--	0.1283+0.3204i	-0.8053+1.9499i	-0.6485+0.2145i	0.2819-0.0456i	0.1805-0.0297i	-0.1041+0.0828i	-0.0884-0.0148i
21.5	--	0.1334+0.3109i	-0.8615+1.8469i	-0.4727+0.3153i	0.2526-0.0516i	0.1741-0.0420i	-0.0912+0.1016i	-0.0940-0.0001i
21.6	--	0.1370+0.3017i	-0.8864+1.7654i	-0.4017+0.4172i	0.2355-0.0444i	0.1641-0.0560i	-0.0723+0.1147i	-0.0855+0.0150i
21.7	--	0.1409+0.3025i	-0.8944+1.8575i	-0.2832+0.4709i	0.2157-0.0344i	0.1567-0.0674i	-0.0593+0.1099i	-0.0883+0.0372i
21.8	--	0.1437+0.2953i	-0.9281+1.8527i	-0.1535+0.4839i	0.2097+0.0047i	0.1441-0.0720i	-0.0326+0.0986i	-0.0670+0.0554i
21.9	--	0.1396+0.2964i	-1.0521+1.9797i	0.0459+0.5009i	0.2019+0.0103i	0.1472-0.0764i	-0.0333+0.0966i	-0.0867+0.0683i
22.0	--	0.1317+0.3073i	-1.1786+2.1288i	0.2023+0.4679i	0.1947+0.0470i	0.1352-0.1178i	-0.0223+0.1362i	-0.0650+0.1439i
22.1	--	0.1377+0.3166i	-1.2488+2.2207i	0.3241+0.3582i	0.1993+0.0850i	0.1042-0.1427i	0.0182+0.1612i	-0.0131+0.1985i
22.2	--	0.1460+0.3262i	-1.2028+2.4875i	0.3731+0.2835i	0.2450+0.0932i	0.0621-0.1357i	0.0624+0.1382i	0.0612+0.1855i
22.3	--	0.1553+0.3375i	-1.2536+2.8423i	0.4261+0.1740i	0.2865+0.0782i	0.0469-0.1239i	0.0785+0.1278i	0.0913+0.1692i
22.4	--	0.1639+0.3495i	-1.0521+3.2330i	0.4581+0.1279i	0.3105+0.0508i	0.0465-0.1079i	0.0913+0.1063i	0.0953+0.1409i
22.5	--	0.1759+0.3571i	-0.8278+3.6605i	0.4800+0.0769i	0.3266+0.0250i	0.0443-0.0929i	0.0898+0.0811i	0.1008+0.1234i
22.6	--	0.1890+0.3652i	-0.5418+4.0401i	0.5056+0.0247i	0.3371-0.0016i	0.0440-0.0878i	0.0809+0.0610i	0.1065+0.1240i
22.7	--	0.2192+0.3806i	0.0813+4.4263i	0.5169-0.0470i	0.3286-0.0448i	0.0383-0.0852i	0.0753+0.0499i	0.1232+0.1227i
22.8	--	0.2529+0.3790i	0.8390+4.4510i	0.4887-0.0780i	0.3083-0.0577i	0.0311-0.0920i	0.0885+0.0654i	0.1554+0.1258i
22.9	--	0.2856+0.3688i	1.5844+4.3333i	0.4556-0.1043i	0.2899-0.0574i	0.0061-0.0949i	0.1225+0.0661i	0.2158+0.1257i
23.0	--	0.3171+0.3482i	2.2567+3.8656i	0.4364-0.0642i	0.2737-0.0605i	-0.0312-0.0557i	0.1476+0.0148i	0.2799+0.0294i
23.1	--	0.3486+0.3277i	2.7347+3.4301i	0.4917-0.0596i	0.2576-0.0613i	-0.0146-0.0049i	0.1196-0.0326i	0.2243-0.0612i
23.2	--	0.3573+0.2899i	2.9661+2.8592i	0.5719-0.0807i	0.2612-0.0630i	0.0195+0.0017i	0.0854-0.0376i	0.1634-0.0633i
23.3	--	0.3512+0.2616i	2.9385+2.3929i	0.5830-0.1406i	0.2515-0.0550i	0.0404-0.0070i	0.0742-0.0210i	0.1381-0.0421i
23.4	--	0.3500+0.2361i	2.9950+1.9293i	0.5966-0.1884i	0.2476-0.0610i	0.0533-0.0006i	0.0674-0.0273i	0.1219-0.0544i
23.5	--	0.3358+0.2135i	2.9295+1.5364i	0.6679-0.2202i	0.2536-0.0646i	0.0593+0.0030i	0.0620-0.0352i	0.1166-0.0656i
23.6	--	0.3262+0.1976i	2.8245+1.2454i	0.7099-0.2699i	0.2577-0.0733i	0.0686+0.0016i	0.0600-0.0400i	0.1035-0.0634i
23.7	--	0.3159+0.1858i	2.7288+1.0161i	0.7195-0.3110i	0.2515-0.0824i	0.0768+0.0047i	0.0509-0.0369i	0.0920-0.0643i
23.8	--	0.3026+0.1826i	2.5708+0.7792i	0.7046-0.3930i	0.2399-0.0879i	0.0902+0.0052i	0.0394-0.0316i	0.0663-0.0650i
23.9	--	0.2955+0.1844i	2.4639+0.6392i	0.6959-0.4676i	0.2374-0.0947i	0.1018+0.0020i	0.0361-0.0304i	0.0567-0.0587i
24.0	--	0.2892+0.1844i	2.3179+0.4875i	0.6438-0.5058i	0.2300-0.0997i	0.1227-0.0058i	0.0355-0.0238i	0.0391-0.0473i
24.1	--	0.2863+0.1806i	2.2016+0.4038i	0.6083-0.5095i	0.2143-0.0906i	0.1274-0.0189i	0.0353-0.0009i	0.0362-0.0280i
24.2	--	0.2846+0.1722i	2.0902+0.2947i	0.5748-0.4913i	0.2084-0.0709i	0.1339-0.0367i	0.0479+0.0265i	0.0380+0.0113i
24.3	--	0.2811+0.1645i	1.9768+0.2062i	0.5664-0.4622i	0.2195-0.0525i	0.1330-0.0534i	0.0748+0.0275i	0.0588+0.0337i
24.4	--	0.2738+0.1602i	1.9109+0.1415i	0.5603-0.4466i	0.2342-0.0421i	0.1288-0.0629i	0.0964+0.0157i	0.0818+0.0359i
24.5	--	0.2614+0.1579i	1.8016+0.0897i	0.5654-0.3891i	0.2701-0.0493i	0.1237-0.0735i	0.1150-0.0101i	0.1018+0.0295i

24.6	--	0.2516+0.1576i	1.7168+0.0486i	0.6265-0.3564i	0.2828-0.0765i	0.1187-0.0786i	0.1229-0.0266i	0.1089+0.0163i
24.7	--	0.2482+0.1617i	1.6411+0.0249i	0.6965-0.3550i	0.2708-0.1000i	0.1169-0.0764i	0.1233-0.0481i	0.0998-0.0094i
24.8	--	0.2441+0.1653i	1.5671-0.0170i	0.7864-0.3739i	0.2557-0.1078i	0.1265-0.0789i	0.1039-0.0692i	0.0686-0.0137i
24.9	--	0.2322+0.1650i	1.5048-0.0432i	0.8895-0.4419i	0.2599-0.1067i	0.1290-0.0850i	0.0922-0.0675i	0.0606+0.0009i
25.0	--	0.2203+0.1802i	1.4441-0.0725i	0.9407-0.5738i	0.2675-0.1302i	0.1308-0.0943i	0.0873-0.0662i	0.0572+0.0082i
25.1	--	0.2242+0.1990i	1.3679-0.1001i	0.9102-0.6928i	0.2498-0.1531i	0.1331-0.1069i	0.0840-0.0649i	0.0554+0.0245i
25.2	--	0.2259+0.2092i	1.3104-0.1174i	0.9219-0.7982i	0.2434-0.1493i	0.1310-0.1135i	0.1021-0.0590i	0.0596+0.0421i
25.3	--	0.2290+0.2167i	1.2801-0.1378i	0.8897-0.8631i	0.2417-0.1492i	0.1311-0.1148i	0.1222-0.0653i	0.0644+0.0429i
25.4	--	0.2372+0.2286i	1.2332-0.1630i	0.8253-0.9318i	0.2501-0.1462i	0.1530-0.1246i	0.1319-0.0744i	0.0370+0.0678i
25.5	--	0.2386+0.2291i	1.1839-0.1732i	0.8407-0.9425i	0.2489-0.1421i	0.1641-0.1458i	0.1209-0.0747i	0.0230+0.1168i
25.6	--	0.2370+0.2343i	1.1228-0.1884i	0.8642-1.0004i	0.2479-0.1411i	0.1615-0.1781i	0.1274-0.0732i	0.0454+0.1816i
25.7	--	0.2448+0.2525i	1.0548-0.2046i	0.8243-1.1441i	0.2720-0.1436i	0.1525-0.2214i	0.1663-0.0820i	0.1067+0.2459i
25.8	--	0.2584+0.2708i	0.9992-0.2097i	0.7267-1.2456i	0.3117-0.1490i	0.1244-0.2490i	0.2167-0.1010i	0.2043+0.2695i
25.9	--	0.2838+0.2884i	0.9350-0.2157i	0.6240-1.3000i	0.3618-0.2197i	0.0743-0.2749i	0.2644-0.1929i	0.3217+0.2242i
26.0	--	0.3069+0.2919i	0.8843-0.2109i	0.5527-1.3304i	0.3708-0.3062i	0.0357-0.2769i	0.2578-0.2800i	0.3647+0.1597i
26.1	--	0.3321+0.2846i	0.8296-0.1968i	0.4661-1.3611i	0.3079-0.3827i	0.0030-0.2699i	0.1958-0.3557i	0.3726+0.1107i
26.2	--	0.3528+0.2724i	0.7813-0.1657i	0.3614-1.3656i	0.2218-0.4107i	-0.0303-0.2627i	0.1207-0.3816i	0.3840+0.0819i
26.3	--	0.3686+0.2535i	0.7409-0.1416i	0.2194-1.3225i	0.1411-0.4227i	-0.0640-0.2498i	0.0563-0.4065i	0.4215+0.0300i
26.4	--	0.3742+0.2355i	0.7200-0.1186i	0.1463-1.2282i	0.0770-0.4076i	-0.0845-0.2282i	-0.0100-0.4206i	0.4147-0.0177i
26.5	--	0.3748+0.2143i	0.6830-0.0948i	0.1147-1.1147i	0.0173-0.3830i	-0.1055-0.1962i	-0.0837-0.4275i	0.4039-0.0698i
26.6	--	0.3644+0.2067i	0.6461-0.0758i	0.1677-1.0449i	-0.0206-0.3432i	-0.1142-0.1734i	-0.1371-0.3972i	0.3869-0.1092i
26.7	--	0.3579+0.2081i	0.5999-0.0465i	0.2001-1.0186i	-0.0559-0.2922i	-0.1174-0.1512i	-0.1973-0.3493i	0.3602-0.1305i
26.8	--	0.3538+0.2061i	0.5681-0.0295i	0.2524-0.9754i	-0.0726-0.2480i	-0.1238-0.1316i	-0.2483-0.3220i	0.3442-0.1481i
26.9	--	0.3519+0.2082i	0.5265+0.0207i	0.3069-1.0006i	-0.0719-0.1822i	-0.1213-0.1051i	-0.3123-0.2468i	0.3210-0.1491i
27.0	--	0.3510+0.2111i	0.4942+0.0880i	0.3111-1.0378i	-0.0583-0.1422i	-0.1105-0.0861i	-0.3185-0.1525i	0.3027-0.1489i
27.1	--	0.3512+0.2107i	0.4680+0.1609i	0.3225-1.0176i	-0.0261-0.1314i	-0.1000-0.0729i	-0.2949-0.0928i	0.3059-0.1558i
27.2	--	0.3544+0.2130i	0.4611+0.2430i	0.3312-1.0060i	-0.0225-0.1281i	-0.0944-0.0618i	-0.2692-0.0516i	0.2995-0.1780i
27.3	--	0.3550+0.2235i	0.4496+0.3335i	0.3679-1.0066i	-0.0243-0.1093i	-0.0876-0.0476i	-0.2339-0.0141i	0.2765-0.1889i
27.4	--	0.3566+0.2380i	0.4684+0.4381i	0.4095-1.0357i	-0.0211-0.0955i	-0.0863-0.0417i	-0.1962+0.0091i	0.2598-0.1787i
27.5	--	0.3742+0.2505i	0.5649+0.5237i	0.4450-1.0994i	-0.0144-0.0759i	-0.0783-0.0349i	-0.1657+0.0144i	0.2442-0.1627i
27.6	--	0.3940+0.2686i	0.6585+0.5977i	0.4552-1.1921i	-0.0024-0.0412i	-0.0662-0.0329i	-0.1426+0.0195i	0.2331-0.1414i
27.7	--	0.4027+0.2695i	0.7517+0.6387i	0.4695-1.2452i	0.0210-0.0132i	-0.0580-0.0376i	-0.1164+0.0337i	0.2636-0.1414i
27.8	--	0.4175+0.2724i	0.8204+0.6837i	0.4903-1.2985i	0.0433-0.0186i	-0.0567-0.0368i	-0.0885+0.0366i	0.2864-0.1384i
27.9	--	0.4319+0.2693i	0.9175+0.7036i	0.5451-1.3396i	0.0713-0.0232i	-0.0584-0.0353i	-0.0513+0.0387i	0.3053-0.1325i
28.0	--	0.4444+0.2763i	1.0466+0.6956i	0.5557-1.4847i	0.1103-0.0111i	-0.0641-0.0278i	-0.0041+0.0315i	0.3334-0.1435i
28.1	--	0.4592+0.3022i	1.1426+0.6482i	0.4811-1.7004i	0.1275-0.0186i	-0.0711-0.0167i	0.0147-0.0138i	0.3392-0.1723i
28.2	--	0.5127+0.3385i	1.2240+0.6049i	0.2339-1.9132i	0.1599-0.0112i	-0.0670-0.0041i	0.0103-0.0531i	0.3513-0.1778i
28.3	--	0.5817+0.2961i	1.2810+0.5608i	-0.0229-1.7757i	0.2192-0.0135i	-0.0456-0.0013i	0.0154-0.0416i	0.3814-0.1816i
28.4	--	0.5933+0.2304i	1.3317+0.5014i	-0.0550-1.5734i	0.2501-0.0690i	-0.0459+0.0006i	0.0261-0.0460i	0.4170-0.2336i
28.5	--	0.6075+0.2110i	1.3992+0.4476i	-0.0582-1.5194i	0.2551-0.1041i	-0.0452+0.0019i	0.0323-0.0745i	0.4103-0.2796i
28.6	--	0.6128+0.1928i	1.4227+0.4087i	-0.0214-1.5086i	0.2437-0.1367i	-0.0430+0.0107i	0.0278-0.0859i	0.3890-0.3020i
28.7	--	0.6263+0.1716i	1.4522+0.3497i	-0.0487-1.4878i	0.2221-0.1636i	-0.0388+0.0177i	0.0167-0.0848i	0.3777-0.3181i
28.8	--	0.6386+0.1471i	1.4645+0.3130i	-0.0667-1.5296i	0.2362-0.1916i	-0.0480+0.0248i	0.0190-0.1187i	0.3650-0.3489i
28.9	--	0.6390+0.1370i	1.4971+0.2868i	-0.0907-1.5371i	0.2477-0.2226i	-0.0424+0.0320i	0.0294-0.1341i	0.3715-0.3646i
29.0	--	0.6276+0.1041i	1.5481+0.2668i	-0.0841-1.5337i	0.2544-0.2397i	-0.0227+0.0437i	0.0502-0.1376i	0.3946-0.4104i
29.1	--	0.6246+0.0843i	1.5836+0.2406i	-0.0894-1.5741i	0.2578-0.2744i	-0.0153+0.0493i	0.0642-0.1585i	0.4020-0.4646i
29.2	--	0.6305+0.0747i	1.6291+0.2322i	-0.0946-1.5699i	0.2505-0.3047i	-0.0155+0.0478i	0.0703-0.1789i	0.3858-0.4955i
29.3	--	0.6399+0.0472i	1.6857+0.1762i	-0.1152-1.5891i	0.2375-0.3444i	-0.0091+0.0560i	0.0513-0.2222i	0.3622-0.5235i
29.4	--	0.6514+0.0403i	1.7275+0.1362i	-0.1474-1.6376i	0.2018-0.3878i	-0.0079+0.0613i	0.0243-0.2593i	0.3069-0.5546i
29.5	--	0.6454+0.0252i	1.7757+0.1061i	-0.1580-1.6842i	0.1575-0.4032i	0.0012+0.0683i	-0.0047-0.2606i	0.2790-0.5617i
29.6	--	0.6272+0.0166i	1.8376+0.0561i	-0.1813-1.6847i	0.1239-0.4209i	0.0148+0.0712i	0.0035-0.2933i	0.2594-0.5938i
29.7	--	0.6387+0.0094i	1.8995-0.0035i	-0.2440-1.7105i	0.0916-0.4564i	0.0141+0.0682i	-0.0225-0.3443i	0.2146-0.6425i
29.8	--	0.6273+0.0077i	1.9681-0.0755i	-0.2987-1.7532i	0.0698-0.4802i	0.0271+0.0616i	-0.0318-0.3886i	0.2017-0.7059i
29.9	--	0.6273-0.0099i	2.0333-0.1392i	-0.3542-1.7809i	0.0362-0.5097i	0.0308+0.0703i	-0.0835-0.4318i	0.1425-0.7502i
30.0	--	0.6104-0.0296i	2.0948-0.1994i	-0.3713-1.7636i	-0.0414-0.5501i	0.0300+0.0827i	-0.1857-0.4557i	0.0478-0.7861i
30.1	--	0.6304-0.0340i	2.1664-0.3095i	-0.4884-1.8429i	-0.1097-0.5193i	0.0389+0.0860i	-0.2418-0.4249i	-0.0156-0.7646i
30.2	--	0.6274-0.0470i	2.2223-0.3709i	-0.5793-1.8629i	-0.1697-0.5026i	0.0457+0.0960i	-0.2929-0.3972i	-0.0919-0.7511i
30.3	--	0.6306-0.0574i	2.3163-0.5035i	-0.6533-1.8692i	-0.2251-0.4583i	0.0564+0.1076i	-0.3487-0.3439i	-0.1672-0.7174i
30.4	--	0.6405-0.0571i	2.3240-0.6644i	-0.7437-1.8567i	-0.2494-0.4360i	0.0662+0.0958i	-0.3625-0.2951i	-0.2203-0.6776i
30.5	--	0.6552-0.0723i	2.3076-0.7736i	-0.8546-1.8335i	-0.2810-0.4233i	0.0707+0.1092i	-0.3769-0.2593i	-0.2711-0.6077i
30.6	--	0.6619-0.0917i	2.3460-0.8473i	-0.9508-1.7824i	-0.3408-0.3896i	0.0894+0.1212i	-0.4031-0.2240i	-0.3040-0.5508i
30.7	--	0.6649-0.1090i	2.4112-0.9626i	-1.0337-1.6919i	-0.3792-0.3436i	0.1149+0.1206i	-0.4086-0.1905i	-0.3215-0.5035i
30.8	--	0.6588-0.1208i	2.5036-1.0914i	-1.0894-1.6211i	-0.4111-0.3069i	0.1425+0.1180i	-0.3874-0.1673i	-0.3332-0.4814i

30.9	--	0.6608-0.1545i	2.5609-1.2601i	-1.1593-1.5370i	-0.4515-0.2272i	0.1663+0.1081i	-0.4113-0.1503i	-0.3172-0.4179i
31.0	--	0.6578-0.1780i	2.6090-1.4379i	-1.2191-1.4611i	-0.4571-0.1693i	0.1906+0.0989i	-0.3919-0.1330i	-0.2940-0.3652i
31.1	--	0.6152-0.2184i	2.5681-1.7225i	-1.1619-1.3665i	-0.4204-0.1110i	0.2142+0.0901i	-0.3502-0.1279i	-0.2523-0.3766i
31.2	--	0.5899-0.2251i	2.5565-1.9296i	-1.0947-1.3297i	-0.3963-0.0921i	0.2089+0.0784i	-0.3655-0.1444i	-0.3148-0.4122i
31.3	--	0.5767-0.2150i	2.5637-2.1343i	-1.0918-1.3075i	-0.4155-0.0815i	0.2215+0.0654i	-0.4245-0.1340i	-0.3522-0.3497i
31.4	--	0.5592-0.2342i	2.4498-2.4257i	-1.1040-1.2680i	-0.4246-0.0426i	0.2394+0.0580i	-0.4440-0.1070i	-0.3383-0.2828i
31.5	--	0.5566-0.2368i	2.4387-2.7281i	-1.1170-1.2452i	-0.4333+0.0208i	0.2556+0.0459i	-0.4661-0.0514i	-0.3162-0.2243i
31.6	--	0.5429-0.2455i	2.2627-3.0115i	-1.1320-1.2177i	-0.4157+0.0700i	0.2645+0.0281i	-0.4704-0.0045i	-0.2656-0.1836i
31.7	--	0.5366-0.2576i	2.0032-3.3921i	-1.1696-1.1996i	-0.3951+0.1163i	0.2729+0.0073i	-0.4631+0.0102i	-0.2367-0.1540i
31.8	--	0.5161-0.2607i	1.7061-3.7417i	-1.1470-1.1919i	-0.3680+0.1523i	0.2734-0.0059i	-0.4488+0.0459i	-0.2168-0.1451i
31.9	--	0.5005-0.2751i	1.3015-4.0679i	-1.1383-1.1540i	-0.3331+0.1933i	0.2630-0.0197i	-0.4367+0.0979i	-0.1760-0.1505i
32.0	--	0.4775-0.2696i	0.8572-4.0488i	-1.1298-1.0820i	-0.3011+0.2323i	0.2632-0.0252i	-0.4214+0.1348i	-0.1405-0.1485i
32.1	--	0.4421-0.2509i	0.2261-4.1263i	-1.1696-1.0364i	-0.2400+0.2669i	0.2666-0.0426i	-0.3907+0.1748i	-0.1216-0.1602i
32.2	--	0.4111-0.2361i	-0.3818-4.1279i	-1.1623-1.0159i	-0.1928+0.2758i	0.2747-0.0602i	-0.3537+0.2063i	-0.0897-0.1833i
32.3	--	0.4065-0.2153i	-0.8236-3.9887i	-1.1700-0.9958i	-0.1416+0.2607i	0.2732-0.0707i	-0.3027+0.2115i	-0.0645-0.1795i
32.4	--	0.4145-0.1872i	-1.1760-3.7603i	-1.1832-0.9833i	-0.0814+0.2651i	0.2714-0.0753i	-0.2499+0.2016i	-0.0590-0.2082i
32.5	--	0.4171-0.1649i	-1.6227-3.3580i	-1.2278-0.9424i	-0.0492+0.2648i	0.2743-0.0851i	-0.2012+0.1745i	-0.0642-0.2492i
32.6	--	0.4434-0.1502i	-1.8402-2.9624i	-1.2787-0.8240i	-0.0387+0.2327i	0.2719-0.1060i	-0.1799+0.1602i	-0.0680-0.2726i
32.7	--	0.4661-0.1371i	-1.9144-2.5660i	-1.3062-0.7214i	-0.0259+0.2222i	0.2723-0.1245i	-0.1761+0.1456i	-0.0757-0.2914i
32.8	--	0.4825-0.1389i	-1.8680-2.2432i	-1.2251-0.5924i	-0.0247+0.2118i	0.2550-0.1330i	-0.1788+0.1326i	-0.1094-0.3011i
32.9	--	0.4972-0.1514i	-1.8756-2.0289i	-1.0919-0.4714i	-0.0268+0.2185i	0.2442-0.1198i	-0.1602+0.1286i	-0.1364-0.2866i
33.0	--	0.5171-0.1329i	-1.6243-1.7665i	-0.9580-0.4239i	0.0107+0.2139i	0.2388-0.1086i	-0.1293+0.1214i	-0.1870-0.2451i
33.1	--	0.5227-0.1300i	-1.5782-1.5993i	-0.7769-0.4405i	0.0233+0.1950i	0.2343-0.1033i	-0.1181+0.1047i	-0.1987-0.1877i
33.2	--	0.5497-0.1367i	-1.6937-1.5466i	-0.6019-0.5303i	0.0317+0.1890i	0.2506-0.0825i	-0.1053+0.0745i	-0.1623-0.1247i
33.3	--	0.5652-0.1486i	-1.7757-1.2944i	-0.5665-0.6058i	0.0483+0.1857i	0.2679-0.0677i	-0.1047+0.0483i	-0.1232-0.0827i
33.4	--	0.5917-0.1569i	-1.7551-1.0623i	-0.5434-0.7056i	0.0784+0.1905i	0.2946-0.0792i	-0.1192+0.0251i	-0.0397-0.0806i
33.5	--	0.6240-0.1847i	-1.5962-0.8008i	-0.5294-0.7525i	0.1203+0.1667i	0.3341-0.0965i	-0.1271+0.0065i	0.0464-0.0786i
33.6	--	0.6218-0.2273i	-1.4083-0.6524i	-0.4683-0.8493i	0.1343+0.0987i	0.3550-0.1129i	-0.1463-0.0076i	0.1112-0.1076i
33.7	--	0.6233-0.2571i	-1.2012-0.6305i	-0.4505-0.9195i	0.1305+0.0566i	0.3570-0.1224i	-0.1734-0.0109i	0.1342-0.1380i
33.8	--	0.6124-0.2671i	-0.9756-0.5594i	-0.4917-1.0035i	0.1198+0.0317i	0.3755-0.1448i	-0.1855-0.0050i	0.1689-0.1849i
33.9	--	0.6060-0.2716i	-0.8087-0.6306i	-0.5405-1.0732i	0.0724+0.0003i	0.4000-0.1874i	-0.2001+0.0076i	0.2517-0.2659i
34.0	--	0.6046-0.2890i	-0.7186-0.7493i	-0.5831-1.1181i	0.0211+0.0011i	0.3982-0.2126i	-0.2085+0.0186i	0.2774-0.3413i
34.1	--	0.6031-0.2750i	-0.5914-0.7978i	-0.6297-1.2082i	-0.0179+0.0267i	0.3888-0.2412i	-0.2069+0.0389i	0.2680-0.4394i
34.2	--	0.5857-0.2766i	-0.6602-0.8526i	-0.6674-1.2407i	-0.0296+0.0705i	0.3782-0.2791i	-0.1947+0.0451i	0.2302-0.5678i
34.3	--	0.5915-0.2758i	-0.6882-0.9759i	-0.7597-1.2869i	-0.0448+0.0912i	0.3729-0.3130i	-0.1824+0.0421i	0.1860-0.6466i
34.4	--	0.5826-0.2796i	-0.7732-1.0404i	-0.7813-1.3149i	-0.0233+0.1219i	0.3601-0.3286i	-0.1872+0.0411i	0.1225-0.7060i
34.5	--	0.5960-0.2658i	-0.8236-1.0130i	-0.8302-1.3127i	-0.0041+0.1475i	0.3427-0.3535i	-0.1824+0.0480i	0.0448-0.7579i
34.6	--	0.5924-0.2747i	-0.8492-0.9689i	-0.8259-1.3025i	0.0199+0.1645i	0.3265-0.3719i	-0.1889+0.0289i	-0.0313-0.7824i
34.7	--	0.6123-0.2831i	-0.8722-0.9150i	-0.8539-1.2760i	0.0256+0.1766i	0.3251-0.3753i	-0.1785+0.0368i	-0.0679-0.7749i
34.8	--	0.6152-0.2854i	-0.9428-0.8356i	-0.8509-1.3200i	0.0578+0.1893i	0.3013-0.3734i	-0.1960+0.0686i	-0.1890-0.7723i
34.9	--	0.6173-0.2957i	-0.9183-0.7654i	-0.8515-1.3437i	0.0803+0.1764i	0.2877-0.3640i	-0.2012+0.0795i	-0.2585-0.7454i
35.0	--	0.6547-0.3116i	-0.9241-0.7389i	-0.9343-1.3574i	0.0710+0.1731i	0.2943-0.3664i	-0.1780+0.0838i	-0.2630-0.6991i
35.1	--	0.6985-0.3443i	-0.9114-0.7431i	-1.0396-1.3391i	0.0664+0.1768i	0.2923-0.3812i	-0.1525+0.0700i	-0.2682-0.6976i
35.2	--	0.7188-0.3497i	-0.9436-0.7129i	-1.1088-1.4000i	0.0865+0.1827i	0.2877-0.3844i	-0.1469+0.0654i	-0.3336-0.6961i
35.3	--	0.7715-0.3792i	-0.9093-0.6662i	-1.2199-1.3584i	0.0977+0.1767i	0.2928-0.3930i	-0.1198+0.0577i	-0.3505-0.6589i
35.4	--	0.8067-0.4424i	-0.9242-0.6261i	-1.3175-1.2888i	0.1224+0.2065i	0.3247-0.4187i	-0.0851+0.0426i	-0.3531-0.6672i
35.5	--	0.7987-0.4941i	-0.8510-0.6187i	-1.3547-1.2142i	0.1639+0.2248i	0.3081-0.4495i	-0.0467+0.0051i	-0.3923-0.6912i
35.6	--	0.7908-0.5546i	-0.7608-0.6445i	-1.3344-1.1079i	0.1796+0.2276i	0.3001-0.4611i	-0.0500-0.0075i	-0.4245-0.6828i
35.7	--	0.7631-0.6271i	-0.7292-0.7036i	-1.2663-0.9761i	0.1944+0.2378i	0.2995-0.4966i	-0.0572-0.0587i	-0.4450-0.7160i
35.8	--	0.7430-0.6581i	-0.7454-0.7288i	-1.1957-0.9653i	0.2208+0.2319i	0.2908-0.5446i	-0.0640-0.1104i	-0.4599-0.7339i
35.9	--	0.7084-0.7080i	-0.8004-0.7819i	-1.1289-0.9526i	0.2661+0.2315i	0.2348-0.5773i	-0.1102-0.1642i	-0.5356-0.7378i
36.0	--	0.6691-0.7652i	-0.8862-0.7827i	-1.0737-0.8941i	0.3027+0.2482i	0.1875-0.6053i	-0.1256-0.2265i	-0.5903-0.7796i
36.1	--	0.5891-0.8054i	-0.9911-0.8371i	-0.9683-0.8845i	0.3669+0.2437i	0.1529-0.6031i	-0.2039-0.2287i	-0.7169-0.7785i
36.2	--	0.5470-0.8281i	-1.0558-0.8627i	-0.8784-0.9034i	0.4199+0.2088i	0.1161-0.5749i	-0.2678-0.2117i	-0.8087-0.7084i
36.3	--	0.5152-0.8319i	-1.0720-0.7694i	-0.8292-0.9822i	0.4763+0.1619i	0.0898-0.5669i	-0.2896-0.2034i	-0.8742-0.6409i
36.4	--	0.4540-0.8250i	-1.1791-0.6769i	-0.7612-1.1104i	0.5209+0.0736i	0.0675-0.5501i	-0.3517-0.1988i	-0.9761-0.5419i
36.5	--	0.4258-0.8162i	-1.1368-0.5851i	-0.8008-1.2183i	0.5133+0.0144i	0.0405-0.5271i	-0.3820-0.1781i	-0.9886-0.4565i
36.6	--	0.3982-0.7943i	-1.1629-0.5687i	-0.8177-1.3378i	0.5050-0.0347i	0.0413-0.5063i	-0.4044-0.1448i	-0.9981-0.3695i
36.7	--	0.3530-0.7461i	-1.1424-0.5143i	-0.8309-1.5145i	0.4820-0.0989i	0.0514-0.4856i	-0.4269-0.1102i	-0.9995-0.2793i
36.8	--	0.3375-0.7360i	-1.1270-0.5063i	-0.8760-1.6012i	0.4814-0.1379i	0.0399-0.4772i	-0.4418-0.1043i	-1.0183-0.2387i
36.9	--	0.3448-0.7234i	-1.1476-0.5042i	-0.9722-1.6448i	0.4657-0.1925i	0.0414-0.4614i	-0.4568-0.1026i	-0.9964-0.1596i
37.0	--	0.3236-0.7156i	-1.1302-0.5137i	-1.0020-1.7059i	0.4542-0.2625i	0.0818-0.4789i	-0.4630-0.1073i	-0.9743-0.0850i
37.1	--	0.3502-0.6972i	-1.1410-0.5483i	-1.1618-1.8703i	0.4030-0.3213i	0.0739-0.5123i	-0.4883-0.1150i	-0.9561-0.0338i

37.2	--	0.3792-0.7069i	-1.1117-0.5174i	-1.2757-1.9150i	0.3550-0.3640i	0.0615-0.4984i	-0.5249-0.1043i	-0.9433+0.0496i
37.3	--	0.3920-0.7311i	-1.1309-0.5411i	-1.4231-1.9057i	0.2859-0.3931i	0.0650-0.4879i	-0.5758-0.0766i	-0.8962+0.1227i
37.4	--	0.3691-0.7840i	-1.1706-0.5506i	-1.4849-1.8448i	0.2076-0.3952i	0.0814-0.4710i	-0.6269-0.0286i	-0.8207+0.1923i
37.5	--	0.3590-0.8025i	-1.2208-0.5521i	-1.6094-1.8297i	0.1373-0.3685i	0.1198-0.4591i	-0.6489+0.0474i	-0.7381+0.2429i
37.6	--	0.3290-0.8310i	-1.2613-0.5673i	-1.6717-1.8465i	0.0930-0.3297i	0.1600-0.4773i	-0.6530+0.1151i	-0.6774+0.2362i
37.7	--	0.2780-0.8824i	-1.3213-0.6241i	-1.7181-1.7782i	0.0655-0.2786i	0.1756-0.5076i	-0.6405+0.2151i	-0.5903+0.2441i
37.8	--	0.2552-0.8888i	-1.3684-0.6530i	-1.7761-1.8013i	0.0574-0.2544i	0.1859-0.5577i	-0.6214+0.2650i	-0.5453+0.2187i
37.9	--	0.2205-0.9111i	-1.5657-0.6995i	-1.9405-1.8225i	0.0448-0.2296i	0.1900-0.6308i	-0.5523+0.2977i	-0.4615+0.1564i
38.0	--	0.1632-0.8758i	-1.7594-0.6587i	-2.0778-1.8691i	0.0226-0.2396i	0.1397-0.7013i	-0.5077+0.2874i	-0.4378+0.1050i
38.1	--	0.1052-0.8827i	-1.9226-0.6110i	-2.1614-1.7465i	0.0063-0.2096i	0.0537-0.7162i	-0.5217+0.2543i	-0.4905+0.0269i
38.2	--	0.0677-0.8498i	-2.1027-0.4750i	-2.2323-1.6427i	-0.0005-0.1600i	0.0117-0.6938i	-0.5408+0.2643i	-0.5376-0.0111i
38.3	--	0.0414-0.8405i	-2.2639-0.2988i	-2.2721-1.5315i	0.0062-0.1378i	0.0233-0.6504i	-0.5491+0.3144i	-0.5684+0.0385i
38.4	--	0.0201-0.8246i	-2.3664-0.1572i	-2.2431-1.4887i	0.0288-0.1183i	0.0364-0.6406i	-0.5415+0.3750i	-0.5936+0.0936i
38.5	--	0.0083-0.7776i	-2.4172+0.0742i	-2.2392-1.5235i	0.0531-0.1097i	0.0522-0.6812i	-0.5051+0.4192i	-0.5867+0.1093i
38.6	--	0.0113-0.7753i	-2.4760+0.3387i	-2.3116-1.4259i	0.0773-0.1060i	0.0535-0.7075i	-0.4318+0.4543i	-0.5501+0.1420i
38.7	--	-0.0085-0.7671i	-2.5780+0.5672i	-2.4080-1.4388i	0.0920-0.0943i	0.0339-0.7460i	-0.3625+0.4801i	-0.5184+0.1560i
38.8	--	-0.0221-0.7507i	-2.6022+0.8553i	-2.4652-1.4026i	0.0951-0.0998i	0.0059-0.7661i	-0.3155+0.4795i	-0.4924+0.1675i
38.9	--	-0.0767-0.7593i	-2.5072+1.1360i	-2.4053-1.2905i	0.1193-0.1130i	-0.0018-0.7713i	-0.2719+0.4464i	-0.4748+0.1739i
39.0	--	-0.1094-0.7231i	-2.3921+1.4250i	-2.4108-1.3093i	0.1290-0.1333i	-0.0087-0.7901i	-0.2287+0.4260i	-0.4575+0.1631i
39.1	--	-0.1338-0.6867i	-2.1080+1.6322i	-2.4128-1.2982i	0.1214-0.1481i	-0.0163-0.8173i	-0.1912+0.3758i	-0.4255+0.1444i
39.2	--	-0.1724-0.6651i	-1.8751+1.7701i	-2.3312-1.2899i	0.1120-0.1666i	-0.0160-0.8578i	-0.1887+0.3352i	-0.4086+0.1267i
39.3	--	-0.1813-0.6206i	-1.7170+1.8494i	-2.3380-1.3938i	0.0979-0.1844i	-0.0614-0.9136i	-0.1981+0.2999i	-0.4245+0.1160i
39.4	--	-0.1782-0.5953i	-1.5333+1.8996i	-2.4218-1.4715i	0.0807-0.1789i	-0.1249-0.9456i	-0.2141+0.2852i	-0.4252+0.1091i
39.5	--	-0.1722-0.5608i	-1.2352+1.9511i	-2.6028-1.5172i	0.0565-0.1642i	-0.2110-0.9441i	-0.2392+0.2716i	-0.4233+0.1183i
39.6	--	-0.1805-0.5123i	-1.0445+1.9382i	-2.6808-1.5455i	0.0548-0.1607i	-0.2478-0.9469i	-0.2567+0.2699i	-0.4244+0.1208i
39.7	--	-0.1646-0.4781i	-0.9330+1.7780i	-2.8354-1.5688i	0.0504-0.1581i	-0.2961-0.9392i	-0.2438+0.2828i	-0.4152+0.1346i
39.8	--	-0.1348-0.4527i	-0.8977+1.8797i	-2.9097-1.5327i	0.0501-0.1518i	-0.3403-0.9232i	-0.2613+0.2823i	-0.4223+0.1280i
39.9	--	-0.1374-0.4344i	-0.7955+1.9336i	-2.9562-1.4173i	0.0539-0.1362i	-0.3759-0.9096i	-0.2992+0.2751i	-0.4206+0.1153i
40.0	--	-0.1255-0.4365i	-0.5784+1.8662i	-3.0582-1.3207i	0.0475-0.1228i	-0.4040-0.8781i	-0.2915+0.2797i	-0.4185+0.1151i
40.1	--	-0.1044-0.4246i	-0.4738+1.7178i	-3.1284-1.2721i	0.0615-0.1340i	-0.4298-0.8426i	-0.2999+0.2956i	-0.4232+0.1300i
40.2	--	-0.0768-0.3971i	-0.4628+1.6901i	-3.2547-1.2474i	0.0747-0.1424i	-0.4458-0.8114i	-0.3059+0.3146i	-0.4126+0.1333i
40.3	--	-0.0499-0.3720i	-0.4166+1.6180i	-3.4231-1.2107i	0.0643-0.1470i	-0.4469-0.8088i	-0.2818+0.3253i	-0.3930+0.1361i
40.4	--	-0.0250-0.3661i	-0.3380+1.5831i	-3.5845-1.1815i	0.0436-0.1673i	-0.4638-0.8124i	-0.2443+0.3575i	-0.3819+0.1434i
40.5	--	-0.0212-0.3201i	-0.4010+1.6308i	-3.6792-1.2452i	0.0348-0.1870i	-0.4919-0.8112i	-0.2151+0.3800i	-0.3665+0.1537i
40.6	--	0.0139-0.3003i	-0.4675+1.6708i	-3.8318-1.1801i	0.0199-0.1826i	-0.5184-0.7868i	-0.1939+0.3739i	-0.3648+0.1586i
40.7	--	0.0412-0.3213i	-0.6081+1.7194i	-3.9924-1.0530i	0.0015-0.1665i	-0.5381-0.7611i	-0.1634+0.3509i	-0.3543+0.1496i
40.8	--	0.0589-0.3414i	-0.7052+1.8035i	-4.0667-0.8666i	-0.0126-0.1459i	-0.5189-0.7462i	-0.1572+0.3042i	-0.3349+0.1269i
40.9	--	0.0855-0.4094i	-0.5995+1.9137i	-4.1862-0.4809i	-0.0241-0.1200i	-0.5015-0.7486i	-0.1490+0.2533i	-0.3308+0.0997i
41.0	--	0.0985-0.4009i	-0.4595+2.1559i	-4.2569-0.2835i	-0.0176-0.1051i	-0.4967-0.7609i	-0.1670+0.2346i	-0.3371+0.0960i
41.1	--	0.0957-0.4165i	-0.1871+2.2884i	-4.1847-0.0544i	-0.0054-0.0923i	-0.5089-0.7798i	-0.1956+0.2226i	-0.3549+0.0948i
41.2	--	0.1420-0.4189i	0.0951+2.4645i	-4.2556+0.0763i	0.0036-0.0853i	-0.5274-0.7944i	-0.2139+0.2035i	-0.3629+0.0769i
41.3	--	0.1688-0.4365i	0.4972+2.3633i	-4.3775+0.2137i	-0.0023-0.0772i	-0.5480-0.8158i	-0.2056+0.2026i	-0.3493+0.0678i
41.4	--	0.1794-0.4497i	0.4484+2.2606i	-4.3791+0.3503i	-0.0083-0.0821i	-0.5688-0.8056i	-0.1919+0.2055i	-0.3346+0.0731i
41.5	--	0.1458-0.4790i	0.4837+2.4829i	-4.3333+0.5561i	0.0026-0.0616i	-0.5746-0.8418i	-0.2362+0.1716i	-0.3476+0.0519i
41.6	--	0.0914-0.5257i	0.7990+2.2608i	-3.9675+0.9068i	0.0202-0.0484i	-0.6282-0.8682i	-0.2996+0.1506i	-0.3784+0.0572i
41.7	--	0.1277-0.5142i	0.7770+2.1695i	-3.9668+0.7086i	0.0091-0.0620i	-0.6401-0.8466i	-0.2684+0.1557i	-0.3598+0.0442i
41.8	--	0.1307-0.5616i	1.0622+2.2787i	-4.1581+0.9843i	-0.0012-0.0406i	-0.6600-0.9098i	-0.2708+0.0980i	-0.3719+0.0032i
41.9	--	0.0744-0.5577i	1.3473+2.3230i	-4.0219+1.3468i	0.0191-0.0258i	-0.7480-0.9981i	-0.3585+0.0920i	-0.4061-0.0087i
42.0	--	0.0781-0.5333i	1.6149+1.9496i	-3.7350+1.4096i	0.0365-0.0223i	-0.8405-0.9843i	-0.4017+0.1152i	-0.4254-0.0028i
42.1	--	0.1034-0.5295i	1.5121+1.6613i	-3.6218+1.2501i	0.0260-0.0286i	-0.9224-0.9561i	-0.4046+0.1116i	-0.4280-0.0174i
42.2	--	0.1012-0.5500i	1.5218+1.5158i	-3.5639+1.3016i	0.0306-0.0153i	-0.9894-0.9489i	-0.4510+0.0883i	-0.4606-0.0278i
42.3	--	0.0883-0.5376i	1.3276+1.6145i	-3.4487+1.2052i	0.0514+0.0018i	-1.0557-0.9098i	-0.5488+0.0858i	-0.4939-0.0367i
42.4	--	0.0956-0.5228i	1.7976+2.1070i	-3.6043+1.1638i	0.0604-0.0062i	-1.1526-0.9109i	-0.6147+0.1207i	-0.5516-0.0376i
42.5	--	0.0726-0.4787i	2.0643+2.1687i	-3.6496+1.1827i	0.0822-0.0103i	-1.2316-0.8639i	-0.7066+0.1789i	-0.5939-0.0193i
42.6	--	0.0659-0.4664i	2.1997+2.0039i	-3.5242+1.2378i	0.1170-0.0126i	-1.3319-0.8126i	-0.8039+0.2763i	-0.6232+0.0163i
42.7	--	0.0321-0.5206i	2.2941+1.5406i	-3.3092+1.4881i	0.1487+0.0176i	-1.4262-0.7359i	-0.8955+0.3126i	-0.6583+0.0147i
42.8	--	0.1047-0.5342i	2.5749+0.9111i	-3.4038+1.5912i	0.1358+0.0404i	-1.4280-0.5851i	-0.8596+0.3476i	-0.6645+0.0365i
42.9	--	0.1057-0.4704i	2.4851+1.1365i	-3.5415+1.3441i	0.1641-0.0155i	-1.4580-0.4535i	-0.8487+0.5320i	-0.7005+0.0945i
43.0	--	0.0245-0.5103i	2.3976+0.8182i	-3.2462+1.4970i	0.2422-0.0227i	-1.5144-0.3971i	-0.9915+0.6460i	-0.7651+0.1411i
43.1	--	0.0735-0.5957i	2.6783+0.0960i	-3.3562+1.9495i	0.2712+0.0007i	-1.4714-0.3108i	-1.0211+0.6335i	-0.7808+0.1689i
43.2	--	0.0706-0.5763i	2.7972-0.0777i	-3.3386+2.0743i	0.2857-0.0395i	-1.4759-0.2187i	-1.0039+0.7669i	-0.7960+0.2250i
43.3	--	0.0453-0.5249i	2.4503-0.4308i	-2.9187+2.0309i	0.3061-0.1059i	-1.4732-0.1018i	-0.9626+1.0346i	-0.7958+0.3235i
43.4	--	0.0736-0.4521i	1.9136-0.2097i	-2.6631+1.5556i	0.3021-0.1997i	-1.4406+0.0203i	-0.8292+1.2592i	-0.7647+0.3989i

43.5	--	0.1928-0.4550i	2.4493+0.0334i	-3.2100+1.3969i	0.2043-0.2853i	-1.3929+0.0901i	-0.5723+1.3181i	-0.7109+0.4413i
43.6	--	0.2605-0.5290i	2.7854-0.2106i	-3.5399+1.5656i	0.1297-0.2799i	-1.3508+0.1542i	-0.4131+1.3130i	-0.6799+0.4718i
43.7	--	0.2502-0.5280i	2.4246-0.5990i	-3.8121+1.7296i	0.0654-0.2636i	-1.2613+0.2467i	-0.1534+1.3125i	-0.6320+0.5222i
43.8	--	0.1752-0.5341i	2.0189-0.8370i	-3.5083+1.9385i	0.0474-0.2586i	-1.2306+0.2915i	-0.1051+1.3299i	-0.6139+0.5784i
43.9	--	0.1680-0.4588i	1.8501-0.5927i	-3.2091+1.8116i	-0.0140-0.2917i	-1.1976+0.3528i	0.0627+1.3481i	-0.5342+0.6332i
44.0	--	0.2196-0.4309i	1.9285-0.4095i	-3.2205+1.6399i	-0.0223-0.2800i	-1.1136+0.3539i	0.1828+1.2173i	-0.4735+0.6350i
44.1	--	0.2656-0.4926i	1.8180-0.6284i	-3.2437+1.8500i	0.0318-0.2165i	-0.9932+0.3574i	0.1454+1.0735i	-0.4484+0.6411i
44.2	--	0.2877-0.5432i	1.8195-0.3707i	-3.5806+1.9154i	-0.0027-0.1961i	-0.9193+0.3322i	0.1887+0.8953i	-0.3807+0.5980i
44.3	--	0.3073-0.5888i	2.2093-0.4641i	-3.6373+2.3069i	-0.0069-0.1289i	-0.8808+0.3315i	0.1393+0.8603i	-0.3566+0.5725i
44.4	--	0.3335-0.5452i	2.2488-0.8203i	-3.3043+2.3144i	-0.0268-0.1828i	-0.8679+0.3139i	0.1458+0.9653i	-0.3021+0.5842i
44.5	--	0.3986-0.6487i	2.2342-1.2056i	-3.4742+2.3532i	-0.0131-0.1182i	-0.7983+0.2993i	0.2278+0.8596i	-0.2816+0.5474i
44.6	--	0.3580-0.7304i	1.8295-1.4789i	-3.4540+2.6469i	-0.0506-0.0943i	-0.7932+0.2673i	0.2406+0.8286i	-0.2487+0.5199i
44.7	--	0.4018-0.6785i	1.6857-1.5797i	-3.2611+2.6629i	-0.0669-0.0910i	-0.7844+0.2656i	0.2964+0.8156i	-0.2123+0.5116i
44.8	--	0.5136-0.7091i	1.5151-1.2936i	-3.5050+2.5113i	-0.0308-0.1117i	-0.7947+0.2120i	0.2958+0.6482i	-0.2230+0.4762i
44.9	--	0.4480-0.7781i	1.3607-1.0119i	-3.4967+2.5668i	-0.0148-0.1415i	-0.8630+0.2266i	0.2068+0.5919i	-0.2452+0.4669i
45.0	--	0.4532-0.8242i	1.4119-1.0118i	-3.6019+2.8343i	-0.0418-0.1069i	-0.8474+0.2652i	0.1503+0.5532i	-0.2399+0.4440i
45.1	--	0.5500-0.8732i	1.6186-0.9224i	-3.8326+3.1337i	-0.0468-0.0848i	-0.8198+0.3096i	0.0735+0.4894i	-0.2454+0.4384i
45.2	--	0.4732-0.9829i	1.7399-1.2916i	-3.4115+3.4961i	-0.0447-0.0848i	-0.7662+0.3293i	-0.0401+0.5754i	-0.2405+0.4682i
45.3	--	0.4394-1.0736i	1.5703-1.6489i	-3.1850+3.9084i	-0.0103-0.0220i	-0.6932+0.2971i	-0.0569+0.6157i	-0.2414+0.4386i
45.4	--	0.4057-1.1214i	1.2473-1.6568i	-2.4591+3.9667i	0.0339+0.0084i	-0.7136+0.2601i	-0.0216+0.7129i	-0.2367+0.4257i
45.5	--	0.4252-1.0695i	1.2444-1.4379i	-2.3339+3.1876i	0.0460-0.0792i	-0.7067+0.2772i	0.0227+0.6652i	-0.2252+0.4354i
45.6	--	0.4949-1.1760i	1.4473-1.5267i	-3.0619+3.3357i	-0.0045-0.1064i	-0.7010+0.1871i	-0.1219+0.5604i	-0.2331+0.4127i
45.7	--	0.4926-1.2957i	1.3881-1.7322i	-2.8599+3.7370i	-0.0176-0.0810i	-0.7422+0.1862i	-0.2267+0.6433i	-0.2389+0.4161i
45.8	--	0.4325-1.3396i	1.3126-1.8127i	-2.7315+3.6697i	-0.0355-0.0601i	-0.7387+0.2196i	-0.2832+0.7327i	-0.2284+0.4186i
45.9	--	0.4241-1.4863i	1.2657-2.0314i	-2.6921+4.2981i	-0.0229+0.0306i	-0.7504+0.2097i	-0.3995+0.8597i	-0.2538+0.3900i
46.0	--	0.4501-1.5419i	1.1229-2.1017i	-2.5445+4.3748i	-0.0024+0.0443i	-0.7591+0.2496i	-0.3862+0.9889i	-0.2703+0.3961i
46.1	--	0.3675-1.6027i	0.8692-2.1722i	-2.0384+4.4731i	0.0505+0.0339i	-0.7452+0.3015i	-0.3010+1.1932i	-0.2757+0.4214i
46.2	--	0.3159-1.6373i	0.8876-1.9941i	-1.6781+4.2238i	0.0528-0.0266i	-0.7426+0.3469i	-0.2448+1.2831i	-0.2739+0.4594i
46.3	--	0.2369-1.7294i	1.1553-2.0118i	-2.0347+4.0446i	-0.0097+0.0088i	-0.6797+0.3518i	-0.1471+1.3531i	-0.2425+0.4407i
46.4	--	0.2660-1.9751i	1.0927-2.5510i	-2.1416+4.3642i	-0.0198+0.0644i	-0.6180+0.3597i	-0.0307+1.5332i	-0.2341+0.4575i
46.5	--	0.2818-2.1243i	0.8501-2.8697i	-2.1740+4.6353i	-0.0020+0.0899i	-0.5353+0.3543i	0.0780+1.6346i	-0.2222+0.4879i
46.6	--	0.1037-2.1530i	0.4656-2.7015i	-1.9576+4.7963i	0.0296+0.0812i	-0.5119+0.2988i	0.2315+1.6400i	-0.2039+0.4938i
46.7	--	-0.1595-2.2371i	0.1563-2.3996i	-1.4467+4.5918i	0.0363+0.0657i	-0.4993+0.3106i	0.4573+1.6557i	-0.1717+0.5167i
46.8	--	-0.2219-2.2970i	0.3757-2.5309i	-1.3340+4.7793i	0.0466+0.1227i	-0.4120+0.2653i	0.5980+1.6669i	-0.1488+0.5167i
46.9	--	-0.4182-2.4023i	0.0115-2.6493i	-1.0913+5.0533i	0.0964+0.1704i	-0.4379+0.1442i	0.7597+1.6032i	-0.1406+0.4795i
47.0	--	-0.6561-2.3394i	-0.1487-2.3524i	-0.6854+4.8935i	0.1384+0.1646i	-0.5195+0.1022i	0.8783+1.4883i	-0.1295+0.4477i
47.1	--	-0.9395-2.3158i	-0.0788-2.3174i	-0.3208+4.7329i	0.1895+0.1750i	-0.5439+0.0605i	1.0075+1.3846i	-0.1071+0.4291i
47.2	--	-1.0524-2.3948i	-0.0980-2.6267i	-0.4121+4.8229i	0.2310+0.2122i	-0.5529-0.0231i	1.1333+1.3030i	-0.1028+0.3991i
47.3	--	-1.2675-2.4842i	-0.5018-2.9177i	-0.0267+5.0894i	0.3321+0.2325i	-0.6215-0.0840i	1.3021+1.2259i	-0.1050+0.3830i
47.4	--	-1.5170-2.3211i	-0.9639-2.7096i	0.5709+5.0049i	0.4116+0.1669i	-0.7330-0.0277i	1.3581+1.0904i	-0.1163+0.3723i
47.5	--	-1.6326-2.1618i	-1.1296-2.4265i	0.7743+4.6880i	0.4400+0.1191i	-0.7476+0.0371i	1.4082+0.9895i	-0.1302+0.3797i
47.6	--	-1.7397-1.8902i	-1.2628-2.0235i	0.8701+4.2108i	0.4693+0.0563i	-0.7748+0.0137i	1.4018+0.7792i	-0.1432+0.3527i
47.7	--	-1.7209-1.8641i	-1.1190-1.9690i	0.7823+3.9319i	0.4731+0.0178i	-0.8188-0.0206i	1.3879+0.6541i	-0.1559+0.3366i
47.8	--	-1.8633-1.8527i	-1.1896-2.1703i	0.8533+3.9632i	0.5384-0.0210i	-0.9038-0.0590i	1.3993+0.5224i	-0.1894+0.3292i
47.9	--	-1.9858-1.6906i	-1.3976-1.8568i	1.0967+3.9730i	0.5624-0.1068i	-0.9801+0.0227i	1.3441+0.3954i	-0.2280+0.3545i
48.0	--	-2.1512-1.4996i	-1.4828-1.3836i	1.2109+3.7746i	0.5438-0.2056i	-1.0664+0.1317i	1.2804+0.2659i	-0.2484+0.3743i
48.1	--	-2.1839-1.3266i	-1.2421-1.0604i	1.3012+3.3809i	0.4917-0.2788i	-1.0371+0.2411i	1.1909+0.1811i	-0.2328+0.4116i
48.2	--	-2.2213-1.1142i	-0.9576-1.1001i	1.1196+3.0669i	0.4358-0.3159i	-1.0260+0.2590i	1.0823+0.1039i	-0.2183+0.4287i
48.3	--	-2.2210-0.9403i	-1.0315-1.1441i	1.0016+3.0028i	0.3622-0.3255i	-1.0401+0.3278i	0.9926+0.0919i	-0.1945+0.4317i
48.4	--	-2.1926-0.8762i	-0.9288-1.2577i	0.9458+3.0665i	0.3650-0.2852i	-1.0247+0.3657i	0.9904+0.0835i	-0.1877+0.4252i
48.5	--	-2.2081-0.7962i	-1.0658-1.2218i	0.9041+2.9986i	0.3762-0.3099i	-1.0384+0.3952i	0.9398-0.0011i	-0.2050+0.4147i
48.6	--	-2.2244-0.6652i	-1.0105-1.0627i	0.9935+2.9434i	0.3331-0.3490i	-1.0232+0.4491i	0.7747+0.0061i	-0.2039+0.4382i
48.7	--	-2.2936-0.6845i	-1.0369-1.1437i	1.2506+2.9078i	0.3307-0.3623i	-1.0477+0.4970i	0.6950+0.0471i	-0.2014+0.4525i
48.8	--	-2.2368-0.6456i	-1.1458-1.1016i	1.2933+2.8005i	0.3021-0.3624i	-1.0167+0.5662i	0.6405+0.1249i	-0.1958+0.4559i
48.9	--	-2.1966-0.5180i	-1.1703-0.8107i	1.0694+2.6735i	0.2594-0.3334i	-0.9077+0.6078i	0.6307+0.1865i	-0.1951+0.4509i
49.0	--	-2.1166-0.4019i	-0.9940-0.7041i	0.9282+2.5723i	0.2584-0.3340i	-0.8580+0.6037i	0.6826+0.2417i	-0.1988+0.4637i
49.1	--	-2.1337-0.3649i	-0.9169-0.7325i	0.9362+2.4778i	0.2620-0.3406i	-0.8287+0.6125i	0.6989+0.2676i	-0.1887+0.4825i
49.2	--	-2.1262-0.2488i	-0.7928-0.7398i	0.9133+2.4921i	0.2472-0.3508i	-0.8073+0.6261i	0.7062+0.2715i	-0.1754+0.4982i
49.3	--	-2.1590-0.1583i	-0.7662-0.7179i	0.8838+2.4665i	0.2370-0.3554i	-0.7779+0.6294i	0.7612+0.2598i	-0.1721+0.5097i
49.4	--	-2.1681-0.1578i	-0.7964-0.7724i	0.8979+2.4523i	0.2278-0.3657i	-0.7796+0.6266i	0.7861+0.2369i	-0.1758+0.5191i
49.5	--	-2.1873-0.0845i	-0.7186-0.7686i	1.1523+2.2270i	0.2050-0.3763i	-0.7461+0.6196i	0.7924+0.2354i	-0.1494+0.5153i
49.6	--	-2.0836+0.0404i	-0.3610-0.8336i	0.8630+2.1164i	0.1630-0.3692i	-0.7026+0.5904i	0.7768+0.1936i	-0.1259+0.4997i
49.7	--	-2.0735+0.0549i	-0.4530-1.2090i	0.7987+2.3038i	0.1550-0.3598i	-0.7249+0.5303i	0.7677+0.1769i	-0.1169+0.4930i

49.8	--	-2.0906+0.0760i	-0.7244-1.3201i	0.9403+2.4943i	0.1434-0.3514i	-0.7729+0.5318i	0.7449+0.1804i	-0.1057+0.4916i
49.9	--	-2.1129+0.1575i	-0.9636-1.0385i	0.9027+2.4066i	0.1176-0.3289i	-0.7940+0.5726i	0.7364+0.1501i	-0.1184+0.4742i
50.0	--	-2.1479+0.3031i	-0.9119-0.7490i	0.9015+2.2106i	0.1212-0.3070i	-0.7814+0.5870i	0.7309+0.1599i	-0.1201+0.4675i
50.1	--	-2.1866+0.3692i	-0.8440-0.8635i	1.0498+2.0884i	0.1308-0.3055i	-0.7879+0.6476i	0.7364+0.1887i	-0.1169+0.4732i
50.2	--	-2.1199+0.4421i	-0.7787-0.8106i	0.9839+2.0871i	0.1388-0.2808i	-0.7654+0.6536i	0.7462+0.1934i	-0.1277+0.4759i
50.3	--	-2.0576+0.5371i	-0.6461-0.7745i	0.9362+2.1275i	0.1361-0.2537i	-0.7560+0.6554i	0.7544+0.2000i	-0.1403+0.4721i
50.4	--	-2.0857+0.5182i	-0.6479-0.8639i	1.0196+2.1906i	0.1704-0.2495i	-0.7561+0.6607i	0.7961+0.2010i	-0.1431+0.4919i
50.5	--	-2.1347+0.6070i	-0.7879-1.0075i	1.2420+2.0326i	0.2148-0.2751i	-0.7625+0.6813i	0.8749+0.1791i	-0.1254+0.5081i
50.6	--	-2.0786+0.7067i	-0.7766-0.9584i	1.2345+2.0554i	0.2303-0.2713i	-0.7773+0.7176i	0.8813+0.1569i	-0.1269+0.5104i
50.7	--	-2.0333+0.8313i	-0.6731-0.8142i	1.1619+2.1814i	0.2437-0.2514i	-0.7838+0.7455i	0.8722+0.1233i	-0.1521+0.5025i
50.8	--	-2.0157+0.9782i	-0.6233-0.7860i	1.0041+1.9475i	0.2478-0.2707i	-0.7619+0.7548i	0.8751+0.0820i	-0.1609+0.5003i
50.9	--	-1.9690+1.0518i	-0.4907-0.8827i	0.9312+1.9230i	0.2627-0.2875i	-0.7761+0.7607i	0.8984+0.0643i	-0.1409+0.5273i
51.0	--	-1.9414+1.0905i	-0.4415-1.0644i	1.1168+2.0611i	0.3003-0.3133i	-0.8128+0.7744i	0.9490+0.0310i	-0.1455+0.5516i
51.1	--	-1.8953+1.1805i	-0.4940-1.2070i	1.2503+2.1026i	0.3068-0.3539i	-0.8556+0.8431i	0.9686-0.0280i	-0.1414+0.5771i
51.2	--	-1.8542+1.2928i	-0.7109-1.3177i	1.4377+1.9002i	0.3242-0.3697i	-0.8257+0.9358i	0.9707-0.0622i	-0.1314+0.5725i
51.3	--	-1.7782+1.3484i	-0.7528-1.1255i	1.3872+1.9210i	0.3545-0.3792i	-0.7902+0.9963i	0.9663-0.1040i	-0.1344+0.5745i
51.4	--	-1.6757+1.4992i	-0.5479-1.0481i	1.2982+1.9950i	0.3545-0.4140i	-0.7423+1.0665i	0.9590-0.1868i	-0.1435+0.5777i
51.5	--	-1.5999+1.5841i	-0.4455-1.2955i	1.2985+1.9937i	0.3347-0.4749i	-0.6850+1.1300i	0.9388-0.2969i	-0.1300+0.5994i
51.6	--	-1.5074+1.6066i	-0.5923-1.4819i	1.3915+1.8672i	0.3064-0.5024i	-0.6020+1.1631i	0.8682-0.3666i	-0.1223+0.6201i
51.7	--	-1.3943+1.6714i	-0.6951-1.6480i	1.6693+1.9646i	0.3029-0.4987i	-0.4649+1.1975i	0.7614-0.3899i	-0.1005+0.6407i
51.8	--	-1.3369+1.7579i	-0.8370-1.6666i	1.7643+1.9357i	0.2790-0.4887i	-0.3419+1.1620i	0.6736-0.3801i	-0.1020+0.6303i
51.9	--	-1.2778+1.8598i	-1.0313-1.4575i	1.6865+1.5837i	0.2473-0.5015i	-0.2143+1.0640i	0.5786-0.3462i	-0.1071+0.6247i
52.0	--	-1.2008+1.9194i	-0.8439-1.4445i	1.7149+1.5817i	0.2684-0.4979i	-0.1760+0.9421i	0.5618-0.2740i	-0.1089+0.6606i
52.1	--	-1.0650+1.9907i	-0.8449-1.5935i	1.8890+1.5381i	0.3339-0.5093i	-0.2521+0.8769i	0.6073-0.2309i	-0.1043+0.6853i
52.2	--	-0.8564+2.0044i	-1.0032-1.6802i	1.9135+1.3240i	0.3508-0.5609i	-0.2728+0.8696i	0.6265-0.2021i	-0.0714+0.6976i
52.3	--	-0.8112+2.0080i	-1.0944-1.6637i	1.8349+1.1381i	0.3407-0.6057i	-0.2018+0.8197i	0.6686-0.2115i	-0.0747+0.7118i
52.4	--	-0.7352+2.1100i	-1.1136-1.6455i	1.9439+1.0193i	0.3671-0.7082i	-0.2511+0.7670i	0.7007-0.3451i	-0.0821+0.7505i
52.5	--	-0.5898+2.1520i	-1.0652-1.6814i	1.8130+0.8910i	0.3403-0.7571i	-0.3400+0.7534i	0.6441-0.3737i	-0.0734+0.7692i
52.6	--	-0.4324+2.2529i	-1.2440-1.9099i	1.8892+0.5698i	0.3161-0.8597i	-0.3615+0.7426i	0.5943-0.4849i	-0.0677+0.7995i
52.7	--	-0.2965+2.3531i	-1.4779-1.9218i	1.8346+0.3452i	0.2269-0.9892i	-0.3650+0.7368i	0.4587-0.6011i	-0.0368+0.8513i
52.8	--	-0.0976+2.3002i	-1.5073-1.8711i	1.6572+0.6249i	0.1161-1.0078i	-0.4535+0.7419i	0.3021-0.5863i	0.0147+0.8949i
52.9	--	0.0538+2.3191i	-1.7303-1.8871i	1.4714+0.4792i	-0.0251-0.9942i	-0.5038+0.7940i	0.1158-0.4435i	0.0744+0.9187i
53.0	--	0.3093+2.3197i	-1.6775-1.9520i	1.2474+0.3657i	-0.1271-0.8779i	-0.4893+0.7898i	0.0602-0.1495i	0.1746+0.9294i
53.1	--	0.4918+2.1206i	-1.9673-2.2030i	1.4613+0.4063i	-0.0928-0.8359i	-0.5239+0.8939i	0.1698-0.0320i	0.2679+0.8879i
53.2	--	0.6492+1.9969i	-2.4700-2.0222i	1.4363+0.4045i	-0.0998-0.8686i	-0.5306+1.0450i	0.2489-0.0207i	0.3037+0.8318i
53.3	--	0.7134+1.9136i	-2.6975-1.6347i	1.3398+0.1879i	-0.1459-0.8828i	-0.4431+1.1240i	0.3191+0.0280i	0.3052+0.7782i
53.4	--	0.7697+1.7992i	-2.6505-1.2251i	1.0108-0.0880i	-0.2214-0.8589i	-0.2800+1.0982i	0.4049+0.0721i	0.2950+0.7165i
53.5	--	0.8646+1.6533i	-2.3845-1.0785i	0.7858-0.1211i	-0.2735-0.7936i	-0.1418+0.9416i	0.5236+0.0648i	0.2703+0.7101i
53.6	--	0.9340+1.5169i	-2.2077-1.2613i	0.7709+0.0259i	-0.2523-0.7266i	-0.2526+0.7793i	0.6250+0.0440i	0.2385+0.7133i
53.7	--	0.9278+1.5388i	-2.5639-1.4459i	0.7454+0.0329i	-0.2101-0.7163i	-0.4427+0.7691i	0.6429-0.0538i	0.2387+0.7285i
53.8	--	1.0511+1.5230i	-2.7326-1.2133i	0.4409-0.1681i	-0.2276-0.7407i	-0.5632+0.8548i	0.6658-0.1543i	0.2434+0.7700i
53.9	--	1.1594+1.4073i	-2.7798-1.0312i	0.2112-0.1079i	-0.2364-0.7576i	-0.6297+0.9850i	0.6666-0.2245i	0.2595+0.7859i
54.0	--	1.1807+1.2862i	-2.8218-1.0471i	0.1768-0.1123i	-0.2432-0.8045i	-0.5955+1.1257i	0.6123-0.2945i	0.2929+0.8182i
54.1	--	1.2068+1.1535i	-2.9520-1.0167i	0.4178-0.0038i	-0.2897-0.8487i	-0.5251+1.2785i	0.4810-0.3456i	0.3620+0.8384i
54.2	--	1.2509+1.0737i	-2.7214-0.6108i	0.3019+0.0751i	-0.3534-0.7877i	-0.4072+1.3319i	0.4085-0.2907i	0.4217+0.7984i
54.3	--	1.3551+0.9523i	-2.7515-0.7216i	0.0967+0.3475i	-0.3793-0.7075i	-0.3947+1.4127i	0.3778-0.2440i	0.4590+0.7612i
54.4	--	1.2768+0.7837i	-2.9661-0.6335i	0.2655+0.4146i	-0.3391-0.6785i	-0.2451+1.4540i	0.3735-0.1986i	0.4673+0.7221i
54.5	--	1.2411+0.7352i	-2.8751-0.3331i	0.3590+0.3806i	-0.2665-0.7130i	-0.1498+1.4787i	0.4241-0.1707i	0.4449+0.7067i
54.6	--	1.2971+0.7628i	-2.8044-0.2580i	0.2632+0.2566i	-0.2817-0.7776i	-0.0966+1.4474i	0.4787-0.1691i	0.4436+0.7104i
54.7	--	1.3456+0.7172i	-2.5866-0.0204i	0.2646+0.2740i	-0.3221-0.8463i	0.0003+1.4864i	0.4976-0.1999i	0.4595+0.7326i
54.8	--	1.4392+0.5664i	-2.3662-0.2275i	0.1335+0.4168i	-0.4389-0.8461i	0.0703+1.4825i	0.4754-0.2313i	0.5326+0.7203i
54.9	--	1.3832+0.4801i	-2.5419-0.2957i	0.1634+0.4382i	-0.4794-0.7944i	0.1602+1.5061i	0.4240-0.2308i	0.5620+0.6785i
55.0	--	1.3482+0.3790i	-2.5967-0.2158i	0.1457+0.2931i	-0.5197-0.7528i	0.3145+1.4892i	0.4226-0.2027i	0.5701+0.6310i
55.1	--	1.3813+0.3236i	-2.6817-0.1187i	-0.1525+0.2871i	-0.5808-0.6933i	0.4288+1.3972i	0.4709-0.1781i	0.5549+0.5985i
55.2	--	1.4260+0.2463i	-2.6514-0.1546i	-0.1058+0.2380i	-0.5833-0.7136i	0.5296+1.3148i	0.4889-0.1910i	0.5712+0.5805i
55.3	--	1.4484+0.1990i	-2.6035-0.1692i	0.0423+0.2679i	-0.5654-0.7025i	0.6043+1.2009i	0.5240-0.1910i	0.5664+0.5370i
55.4	--	1.4199+0.1197i	-2.6741+0.0074i	-0.1189+0.4750i	-0.5795-0.6704i	0.6690+1.0196i	0.5553-0.2279i	0.5491+0.5275i
55.5	--	1.3994-0.0307i	-2.6912+0.0077i	-0.2830+0.4223i	-0.6160-0.6753i	0.6075+0.8576i	0.5950-0.3058i	0.5221+0.5513i
55.6	--	1.4040-0.0861i	-2.6481-0.1280i	-0.2641+0.3848i	-0.6556-0.7055i	0.5067+0.7979i	0.5478-0.3805i	0.5400+0.5373i
55.7	--	1.4362-0.1950i	-2.7574-0.0850i	-0.2030+0.3785i	-0.6874-0.7177i	0.4930+0.7607i	0.5104-0.3987i	0.5132+0.5374i
55.8	--	1.3931-0.3010i	-2.9343+0.0606i	-0.2103+0.4870i	-0.7041-0.6941i	0.4329+0.7143i	0.4676-0.4185i	0.5046+0.5671i
55.9	--	1.3564-0.4428i	-2.8992+0.1390i	-0.2760+0.5632i	-0.7498-0.6801i	0.3975+0.6670i	0.3988-0.4289i	0.5080+0.5938i
56.0	--	1.3853-0.5151i	-2.6954+0.1811i	-0.3311+0.5276i	-0.8100-0.6729i	0.3569+0.6146i	0.3698-0.4166i	0.5283+0.5949i

56.1	--	1.3129-0.6215i	-2.7146+0.0504i	-0.4985+0.4345i	-0.9268-0.6211i	0.2108+0.6167i	0.3683-0.4102i	0.5845+0.5695i
56.2	--	1.2085-0.6985i	-2.9918+0.1787i	-0.3733+0.5657i	-0.9566-0.5498i	0.1931+0.6960i	0.3111-0.3638i	0.6023+0.5289i
56.3	--	1.1426-0.7917i	-3.0936+0.3515i	-0.3431+0.6316i	-0.9861-0.5118i	0.1808+0.7027i	0.2875-0.3537i	0.5937+0.5401i
56.4	--	1.0879-0.8583i	-3.2084+0.5051i	-0.6746+0.8267i	-1.0067-0.3910i	0.1221+0.7590i	0.3029-0.3599i	0.5794+0.5624i
56.5	--	1.0074-0.9626i	-3.1916+0.5853i	-0.7133+1.0714i	-1.0058-0.3401i	0.1032+0.7990i	0.3344-0.3491i	0.5852+0.5793i
56.6	--	0.8275-1.1143i	-3.1905+0.5915i	-0.6329+1.1158i	-1.0076-0.3144i	0.1000+0.7785i	0.3414-0.3542i	0.5751+0.6108i
56.7	--	0.7397-1.2151i	-3.0722+0.3966i	-0.5919+1.0455i	-1.0432-0.2601i	0.1273+0.7352i	0.3331-0.3417i	0.6093+0.6147i
56.8	--	0.6995-1.2512i	-3.0718+0.5426i	-0.4795+0.9833i	-1.0488-0.2266i	0.0918+0.7277i	0.3411-0.3266i	0.6465+0.6076i
56.9	--	0.5530-1.2142i	-3.1349+0.6921i	-0.4262+1.0836i	-1.0581-0.1851i	0.0864+0.7643i	0.3367-0.3509i	0.7146+0.6515i
57.0	--	0.4485-1.2161i	-3.1124+0.7295i	-0.6316+1.1624i	-1.0881-0.0874i	0.0627+0.8097i	0.3638-0.3665i	0.7306+0.6254i
57.1	--	0.3526-1.1900i	-2.9980+0.9196i	-0.6524+1.2412i	-1.0721-0.0315i	0.0706+0.8388i	0.3471-0.3879i	0.8060+0.6085i
57.2	--	0.1744-1.2143i	-3.1296+0.8425i	-0.7074+1.3157i	-1.0514+0.0756i	-0.0450+0.8993i	0.3074-0.4469i	0.8785+0.6226i
57.3	--	0.0420-1.1710i	-3.2369+0.8365i	-0.5900+1.2418i	-0.9816+0.1495i	-0.0096+1.0018i	0.2741-0.4753i	0.8869+0.5610i
57.4	--	-0.1053-1.2431i	-3.4509+0.7320i	-0.5046+1.0333i	-0.9725+0.1680i	-0.0064+1.0423i	0.2639-0.4721i	0.9000+0.5357i
57.5	--	-0.0435-1.2035i	-3.5091+1.0034i	-0.4358+1.3162i	-0.8630+0.1477i	0.0652+1.0455i	0.2287-0.4422i	0.9515+0.5023i
57.6	--	-0.1989-1.1400i	-3.6945+1.0316i	-0.5121+1.3712i	-0.8074+0.2009i	0.1038+1.0726i	0.1993-0.4463i	0.9637+0.4892i
57.7	--	-0.3049-1.0882i	-3.5376+1.4424i	-0.5646+1.1278i	-0.8291+0.2216i	0.1420+1.1645i	0.1545-0.4216i	1.0191+0.4439i
57.8	--	-0.3335-1.0301i	-3.6245+1.6141i	-0.5743+1.4170i	-0.8028+0.2388i	0.1825+1.1762i	0.1062-0.3901i	1.0498+0.3888i
57.9	--	-0.4558-1.0277i	-3.6229+1.6728i	-0.6491+1.5577i	-0.7551+0.2600i	0.2270+1.1921i	0.1085-0.3300i	1.0419+0.3432i
58.0	--	-0.5829-1.0282i	-3.6120+1.6651i	-0.7359+1.4835i	-0.7175+0.2786i	0.2403+1.2334i	0.1502-0.2993i	1.0475+0.3360i
58.1	--	-0.6609-0.9265i	-3.6551+1.9764i	-0.5499+1.5693i	-0.6830+0.2209i	0.2957+1.2534i	0.1712-0.3209i	1.1248+0.3708i
58.2	--	-0.6829-0.8491i	-3.6057+2.4842i	-0.2562+1.9027i	-0.6653+0.1703i	0.3923+1.2751i	0.1566-0.3063i	1.2184+0.3227i
58.3	--	-0.7300-0.7557i	-3.5072+2.7848i	-0.3104+1.8774i	-0.7274+0.2180i	0.4559+1.2843i	0.1699-0.2940i	1.2614+0.2071i
58.4	--	-0.7460-0.6232i	-3.2210+3.0347i	-0.2296+1.8668i	-0.7578+0.2530i	0.4590+1.2410i	0.1800-0.3234i	1.2687+0.1214i
58.5	--	-0.7909-0.5085i	-2.9118+3.0580i	-0.0274+1.7337i	-0.7490+0.3040i	0.4249+1.2892i	0.1670-0.3119i	1.3300+0.0014i
58.6	--	-0.8126-0.4233i	-2.6949+3.2307i	0.0827+1.6909i	-0.6993+0.3348i	0.5507+1.4416i	0.1123-0.2963i	1.3342-0.1513i
58.7	--	-0.9136-0.3107i	-2.6238+3.3191i	0.1833+1.8483i	-0.6408+0.3630i	0.6896+1.5324i	0.0654-0.3096i	1.2755-0.2143i
58.8	--	-0.8750-0.1850i	-2.3270+3.3910i	0.3777+1.8800i	-0.6342+0.3448i	0.8096+1.4892i	0.0752-0.2608i	1.2552-0.3165i
58.9	--	-0.8274-0.0587i	-2.1317+3.3760i	0.2210+1.7836i	-0.6891+0.3840i	0.8888+1.4787i	0.1028-0.2580i	1.2277-0.4266i
59.0	--	-0.8035+0.0611i	-1.7498+3.1987i	0.3513+1.8033i	-0.7243+0.4053i	1.0318+1.3708i	0.1200-0.2597i	1.0909-0.5366i
59.1	--	-0.7448+0.2294i	-1.6956+3.1649i	0.5393+1.9876i	-0.7019+0.4831i	1.1353+1.2783i	0.1413-0.2414i	0.9306-0.5397i
59.2	--	-0.6730+0.3431i	-1.5195+3.0507i	0.6066+1.9925i	-0.6215+0.5146i	1.2325+1.1606i	0.1508-0.2231i	0.8446-0.4764i
59.3	--	-0.5873+0.4558i	-1.4526+2.9438i	0.6387+1.8205i	-0.5851+0.5613i	1.2969+1.0898i	0.1961-0.2231i	0.8193-0.4554i
59.4	--	-0.4577+0.4975i	-1.2371+2.7343i	0.7796+1.7540i	-0.5080+0.6092i	1.3838+0.9545i	0.2000-0.2152i	0.7282-0.4538i
59.5	--	-0.2983+0.5680i	-1.0839+2.7041i	1.0054+1.7150i	-0.4791+0.6226i	1.4548+0.8584i	0.2000-0.1855i	0.7199-0.4874i
59.6	--	-0.0537+0.5792i	-1.0246+2.6275i	1.0597+1.5257i	-0.4263+0.6453i	1.4546+0.7209i	0.2327-0.2076i	0.6912-0.4713i
59.7	--	0.1122+0.5291i	-0.9312+2.4109i	1.2247+1.4298i	-0.3560+0.6347i	1.4598+0.5673i	0.2321-0.2114i	0.6552-0.4325i
59.8	--	0.2234+0.5460i	-1.0708+2.2049i	1.1676+1.3955i	-0.2736+0.6262i	1.4830+0.4476i	0.2130-0.2454i	0.6490-0.3665i
59.9	--	-1.2106-0.5918i	-2.7086+1.0688i	0.9098+0.9486i	-0.2433+0.6651i	1.4510+0.4212i	0.2964-0.2366i	0.6240-0.4056i
60.0	--	-3.9211-3.5724i	-5.4656-1.8089i	0.5039+0.4269i	-0.2322+0.6413i	1.3808+0.3385i	0.2982-0.2814i	0.6046-0.4208i
60.1	--	-0.2053-1.8965i	-2.0935-0.1284i	0.7591+0.4787i	-0.1752+0.6539i	1.3510+0.3114i	0.3227-0.3298i	0.5968-0.4057i
60.2	--	0.7192+0.0560i	-1.3986+1.9149i	0.6135+0.5602i	-0.0902+0.6691i	1.3347+0.2297i	0.3616-0.3643i	0.5626-0.4175i
60.3	--	0.7665-0.1981i	-1.4504+1.9176i	0.6917+0.4060i	-0.0134+0.6391i	1.3111+0.1338i	0.3745-0.3868i	0.5433-0.4402i
60.4	--	0.8007-0.3809i	-1.5668+1.9891i	0.5295+0.4943i	0.0891+0.5821i	1.3220+0.0409i	0.3402-0.4992i	0.5499-0.4273i
60.5	--	0.6952-0.5018i	-1.7038+1.9689i	0.2764+0.3135i	0.1406+0.4837i	1.2906-0.0447i	0.3306-0.5707i	0.5100-0.4201i
60.6	--	0.6110-0.5942i	-1.8830+1.9215i	0.2767+0.2770i	0.1585+0.3634i	1.2508-0.1196i	0.2580-0.6045i	0.5400-0.3830i
60.7	--	0.5176-0.6869i	-2.0187+2.1646i	-0.0136+0.1322i	0.0850+0.2288i	1.1794-0.2543i	0.1230-0.6653i	0.6005-0.4235i
60.8	--	0.4514-0.8389i	-1.8750+2.3748i	-0.3886+0.3051i	0.0067+0.1710i	1.0623-0.3530i	-0.0100-0.6799i	0.5957-0.4780i
60.9	--	0.3371-0.8496i	-1.8149+2.2782i	-0.4595+0.6093i	-0.0785+0.1680i	0.9218-0.3537i	-0.0719-0.6007i	0.5476-0.5404i
61.0	--	0.1948-0.9608i	-1.8795+2.3442i	-0.4182+0.6094i	-0.1110+0.1994i	0.8134-0.3418i	-0.0915-0.5377i	0.4850-0.5936i
61.1	--	0.1137-0.9804i	-1.8631+2.4841i	-0.4857+0.7132i	-0.1469+0.2375i	0.7388-0.3292i	-0.1432-0.4876i	0.4079-0.6078i
61.2	--	0.0004-0.9959i	-1.9275+2.6681i	-0.7067+1.1478i	-0.1534+0.2596i	0.7202-0.3021i	-0.2469-0.4852i	0.3425-0.5363i
61.3	--	-0.1719-1.0454i	-1.8896+2.6873i	-0.6757+1.2243i	-0.1651+0.2709i	0.7036-0.2917i	-0.2607-0.4233i	0.3432-0.4963i
61.4	--	-0.3460-1.0204i	-1.8256+2.7238i	-0.7953+1.2847i	-0.1550+0.2843i	0.6927-0.3232i	-0.3280-0.3590i	0.3794-0.4678i
61.5	--	-0.2967-0.9767i	-1.7924+3.0602i	-0.7740+1.3388i	-0.1406+0.3206i	0.6003-0.4372i	-0.3272-0.3320i	0.3233-0.4504i
61.6	--	-0.3443-0.9341i	-1.7870+3.2404i	-0.7070+1.4492i	-0.1794+0.3531i	0.5116-0.4668i	-0.2847-0.2654i	0.2954-0.4710i
61.7	--	-0.4665-0.9074i	-1.7621+3.1380i	-0.7819+1.5273i	-0.1860+0.3829i	0.3860-0.4481i	-0.2680-0.1754i	0.3468-0.5017i
61.8	--	-0.5273-0.8574i	-1.7065+3.1297i	-0.8352+1.5880i	-0.1758+0.3970i	0.2721-0.4183i	-0.2994-0.1215i	0.3572-0.5508i
61.9	--	-0.5864-0.8245i	-1.5102+3.2266i	-0.8141+1.8791i	-0.1100+0.4336i	0.1658-0.3302i	-0.3028-0.0910i	0.3105-0.5479i
62.0	--	-0.6095-0.7448i	-1.4648+3.2315i	-0.5714+2.1183i	-0.0874+0.4593i	0.1236-0.2718i	-0.2670+0.0291i	0.2623-0.6142i
62.1	--	-0.6180-0.6760i	-1.3907+3.2866i	-0.4336+2.3363i	-0.0545+0.4600i	0.0997-0.1728i	-0.2348+0.0793i	0.1912-0.6261i
62.2	--	-0.6854-0.6614i	-1.3112+3.3154i	-0.4244+2.3454i	-0.0150+0.4484i	0.0820-0.0878i	-0.2050+0.0397i	0.1425-0.5733i
62.3	--	-0.7178-0.6096i	-1.2857+3.4809i	-0.5233+2.3827i	-0.0035+0.4551i	0.0433-0.0671i	-0.1901+0.0138i	0.0530-0.5032i

62.4	--	-0.7519-0.5318i	-1.3644+3.4290i	-0.3396+2.2323i	-0.0106+0.4435i	0.0632-0.0584i	-0.1498+0.0529i	0.0207-0.4808i
62.5	--	-0.7405-0.5666i	-1.1261+3.5207i	-0.1881+2.2534i	0.0167+0.4356i	0.0564+0.0364i	-0.1386+0.0543i	-0.0048-0.4184i
62.6	--	-0.7974-0.5293i	-1.1635+3.4024i	-0.1116+2.3248i	0.0250+0.4477i	0.0463+0.0739i	-0.1285+0.0703i	-0.0017-0.3576i
62.7	--	-0.8786-0.4925i	-1.1859+3.3666i	-0.0400+2.3458i	0.0154+0.4597i	0.0599+0.1192i	-0.0835+0.0935i	-0.0282-0.3269i
62.8	--	-0.8020-0.4443i	-1.0511+3.5188i	-0.0714+2.3668i	0.0350+0.4799i	0.0418+0.1310i	-0.0568+0.1227i	-0.0418-0.2760i
62.9	--	-0.8098-0.3807i	-1.0517+3.5270i	-0.1634+2.4845i	0.0625+0.5075i	0.0603+0.1749i	-0.0521+0.1697i	0.0075-0.2683i
63.0	--	-0.9001-0.3905i	-1.1115+3.5125i	-0.0335+2.4616i	0.0875+0.5186i	0.0677+0.2712i	0.0111+0.1990i	-0.0108-0.2688i
63.1	--	-0.8985-0.2848i	-1.1295+3.5254i	0.0984+2.6938i	0.1074+0.5479i	0.0875+0.2816i	0.0289+0.2301i	-0.0235-0.2165i
63.2	--	-0.8885-0.2354i	-1.0081+3.4739i	0.1458+2.9162i	0.1485+0.5517i	0.0903+0.2961i	0.0388+0.2611i	-0.0188-0.1811i
63.3	--	-0.8518-0.1820i	-1.0901+3.5730i	0.3183+2.8981i	0.1914+0.5614i	0.0748+0.3285i	0.1166+0.2555i	-0.0191-0.1539i
63.4	--	-0.8450-0.1637i	-1.0074+3.6424i	0.5851+2.8714i	0.2554+0.5674i	0.1286+0.3659i	0.1697+0.2211i	-0.0103-0.0711i
63.5	--	-0.8469-0.1501i	-0.8794+3.7714i	0.6535+2.8702i	0.3079+0.5698i	0.1642+0.4242i	0.1975+0.1858i	-0.0196-0.0141i
63.6	--	-0.8523-0.1957i	-0.8083+3.8757i	0.8580+2.7133i	0.3312+0.5742i	0.2258+0.4779i	0.2413+0.1489i	-0.0091+0.0002i
63.7	--	-0.8355-0.0798i	-0.8288+3.8944i	0.8717+2.7862i	0.3935+0.5828i	0.3035+0.4671i	0.2224+0.1703i	0.0500+0.0357i
63.8	--	-0.8270+0.0075i	-0.8476+3.9413i	1.0801+2.9168i	0.4505+0.5486i	0.3676+0.4781i	0.2433+0.2177i	0.1049+0.0456i
63.9	--	-0.8153+0.0139i	-0.8359+3.9572i	1.2395+2.7447i	0.5014+0.5195i	0.4049+0.4486i	0.2767+0.2003i	0.1228+0.0838i
64.0	--	-0.7791+0.0499i	-0.8698+4.0649i	1.3559+2.5973i	0.5419+0.4701i	0.4494+0.3770i	0.3156+0.1867i	0.1612+0.0966i
64.1	--	-0.7197+0.0876i	-0.8983+4.1414i	1.4103+2.5516i	0.5963+0.4381i	0.4974+0.2921i	0.3146+0.1839i	0.2382+0.1026i
64.2	--	-0.7669+0.0577i	-0.7731+4.1455i	1.5637+2.4007i	0.5852+0.3931i	0.5069+0.2075i	0.3490+0.1908i	0.2734+0.0856i
64.3	--	-0.8061+0.0814i	-0.6301+4.1721i	1.6896+2.2518i	0.5712+0.3398i	0.4906+0.1169i	0.3865+0.2158i	0.3299+0.0470i
64.4	--	-0.7764+0.1111i	-0.5220+4.3202i	1.6911+2.2473i	0.6028+0.2984i	0.4775+0.1010i	0.4132+0.2436i	0.3885-0.0122i
64.5	--	-0.6692+0.2068i	-0.6077+4.5352i	1.6504+2.1596i	0.6401+0.3253i	0.2855+0.0900i	0.4523+0.2535i	0.3999-0.0597i
64.6	--	-0.7097+0.2456i	-0.5809+4.5398i	1.6588+2.0275i	0.6396+0.3246i	0.2306+0.1251i	0.4964+0.2650i	0.3773-0.1096i
64.7	--	-0.6462+0.3033i	-0.4973+4.5814i	1.6180+1.9700i	0.6711+0.3394i	0.2029+0.1833i	0.5301+0.2692i	0.3715-0.1145i
64.8	--	-0.6476+0.2729i	-0.3439+4.7027i	1.6771+1.8300i	0.7165+0.3146i	0.2456+0.2338i	0.6353+0.2767i	0.3341-0.1400i
64.9	--	-0.6376+0.2249i	-0.1992+4.7795i	1.7288+1.8152i	0.7774+0.2876i	0.2875+0.2517i	0.7278+0.2692i	0.3136-0.1415i
65.0	--	-0.6107+0.2457i	-0.0435+4.8071i	1.6360+1.7083i	0.8376+0.2721i	0.3278+0.2325i	0.8052+0.2095i	0.3331-0.1242i
65.1	--	-0.6418+0.3073i	0.0226+4.9737i	1.4067+1.6366i	0.9089+0.2568i	0.3510+0.1791i	0.8958+0.1029i	0.3049-0.0807i
65.2	--	-0.5763+0.2662i	0.2032+5.1417i	1.3295+1.6516i	0.9761+0.1584i	0.3516+0.1358i	0.9726-0.0114i	0.3013-0.0558i
65.3	--	-0.5155+0.2203i	0.1986+5.3443i	1.2906+1.5326i	1.0108+0.0792i	0.3138+0.1402i	0.9672-0.1222i	0.3472-0.0209i
65.4	--	-0.5064+0.2007i	0.4440+5.2888i	1.2867+1.6139i	1.0301-0.0314i	0.2787+0.0689i	0.9317-0.1567i	0.4168-0.0324i
65.5	--	-0.5104+0.2802i	0.5371+5.4359i	1.1608+1.5815i	1.0187-0.0799i	0.1904-0.0066i	0.9685-0.1531i	0.4596-0.0620i
65.6	--	-0.5408+0.2625i	0.7154+5.5445i	0.9579+1.5144i	1.0437-0.1147i	0.1028-0.0151i	1.0554-0.1986i	0.4979-0.1154i
65.7	--	-0.4676+0.3473i	0.8010+5.6722i	0.7685+1.6004i	1.1066-0.1731i	-0.0394-0.0062i	1.1881-0.3359i	0.4727-0.1199i
65.8	--	-0.5105+0.3424i	0.9681+5.4213i	0.8242+1.9002i	1.0905-0.2903i	-0.1224+0.0571i	1.1940-0.4831i	0.4359-0.1475i
65.9	--	-0.4626+0.2591i	1.0980+5.4034i	0.9311+2.0082i	1.0811-0.3744i	-0.1898+0.1243i	1.1644-0.6028i	0.4686-0.1413i
66.0	--	-0.4337+0.2757i	1.1826+5.5165i	0.9736+2.2073i	1.0724-0.4644i	-0.2546+0.2468i	1.0775-0.7758i	0.5010-0.1476i
66.1	--	-0.4333+0.2596i	1.3674+5.7178i	1.0829+2.3728i	1.0323-0.5653i	-0.3355+0.3905i	0.9709-0.9198i	0.5268-0.1525i
66.2	--	-0.4520+0.2547i	1.5220+5.5333i	1.3257+2.4680i	0.9580-0.6132i	-0.3918+0.5217i	0.8541-0.9918i	0.5589-0.1410i
66.3	--	-0.4284+0.3182i	1.6391+5.6636i	1.5325+2.5347i	0.9436-0.6651i	-0.3975+0.6339i	0.7792-1.0604i	0.6218-0.1641i
66.4	--	-0.4614+0.3657i	1.8337+5.6906i	1.7409+2.4547i	0.9072-0.7322i	-0.3691+0.7671i	0.6685-1.1063i	0.6543-0.1987i
66.5	--	-0.4634+0.3418i	2.1653+5.6163i	1.8965+2.3181i	0.8547-0.7994i	-0.3030+0.9304i	0.5550-1.1379i	0.6644-0.2449i
66.6	--	-0.4269+0.3269i	2.4103+5.7026i	1.7889+2.3631i	0.8315-0.8880i	-0.2084+1.0391i	0.4314-1.1449i	0.7009-0.2991i
66.7	--	-0.4059+0.3800i	2.5943+5.6562i	1.7957+2.4198i	0.7700-0.9455i	-0.0855+1.1163i	0.2902-1.1092i	0.7406-0.3555i
66.8	--	-0.4594+0.4964i	2.5914+5.4328i	1.7922+2.2007i	0.6512-0.9110i	0.0351+1.1619i	0.2195-1.0308i	0.7307-0.4232i
66.9	--	-0.4054+0.4348i	2.8458+5.3232i	1.9361+2.2568i	0.5447-0.9194i	0.1210+1.1768i	0.1456-0.9800i	0.7053-0.4504i
67.0	--	-0.3239+0.5324i	2.9673+5.3118i	2.0627+2.3028i	0.4932-0.9251i	0.2429+1.2181i	0.0661-0.9400i	0.7280-0.4806i
67.1	--	-0.2269+0.5290i	3.1493+5.2794i	2.1624+2.2008i	0.4498-0.8896i	0.3159+1.2299i	0.0231-0.8947i	0.7068-0.5164i
67.2	--	-0.2652+0.5606i	3.2692+5.0571i	2.2678+2.1633i	0.3806-0.8235i	0.3655+1.2288i	-0.0140-0.8110i	0.7116-0.5708i
67.3	--	-0.2609+0.5846i	3.3366+4.7880i	2.3506+2.0199i	0.3500-0.7626i	0.4571+1.2107i	-0.0606-0.6910i	0.7344-0.6620i
67.4	--	-0.2265+0.5300i	3.5234+4.8437i	2.4877+1.9221i	0.3339-0.7589i	0.4907+1.2518i	-0.0339-0.6365i	0.7465-0.7459i
67.5	--	-0.1827+0.5185i	3.6858+4.9341i	2.5887+1.6860i	0.3753-0.7328i	0.5190+1.2650i	-0.0129-0.6249i	0.7369-0.7954i
67.6	--	-0.0778+0.4485i	3.7377+4.9819i	2.6893+1.6013i	0.4225-0.7149i	0.5743+1.2758i	0.0258-0.6014i	0.6889-0.8403i
67.7	--	-0.0179+0.5064i	3.8222+4.6633i	2.6018+1.6091i	0.4610-0.6916i	0.6438+1.2565i	0.1049-0.5154i	0.5807-0.9660i
67.8	--	-0.0059+0.5014i	3.8163+4.3991i	2.7467+1.3556i	0.4795-0.6704i	0.6928+1.2875i	0.1708-0.4980i	0.5207-1.0236i
67.9	--	-0.0333+0.4859i	3.8929+4.3662i	2.6459+1.1664i	0.5084-0.6987i	0.7519+1.3249i	0.2073-0.4940i	0.4702-1.0994i
68.0	--	0.0061+0.5300i	3.8509+4.2925i	2.5091+1.0104i	0.5427-0.7165i	0.8357+1.3436i	0.2492-0.5128i	0.3828-1.1334i
68.1	--	0.0669+0.4536i	3.9885+4.3802i	2.4656+1.1333i	0.5869-0.7784i	0.9231+1.3697i	0.2477-0.5476i	0.2827-1.1467i
68.2	--	0.0605+0.3731i	4.2745+4.4043i	2.3373+1.1195i	0.5837-0.8384i	1.0148+1.4151i	0.1919-0.6123i	0.2196-1.0970i
68.3	--	0.0896+0.3793i	4.3281+4.3801i	2.0646+0.8960i	0.6123-0.8571i	1.1779+1.4161i	0.1782-0.6213i	0.1392-1.1208i
68.4	--	0.0285+0.3730i	4.3851+4.0994i	1.9855+0.8426i	0.6198-0.8694i	1.2984+1.3867i	0.1841-0.5709i	0.0586-1.1678i
68.5	--	0.0343+0.3627i	4.4731+3.9323i	1.8605+0.8326i	0.6553-0.9415i	1.4422+1.3164i	0.1823-0.4683i	0.0419-1.1785i
68.6	--	0.0610+0.2838i	4.6770+4.1389i	1.7108+0.8445i	0.6711-1.0604i	1.5317+1.2339i	0.1924-0.4392i	0.0189-1.1764i

68.7	--	0.0773+0.2980i	4.7169+4.2225i	1.5631+1.0335i	0.6708-1.1526i	1.5530+1.1532i	0.2832-0.4244i	-0.0649-1.1834i
68.8	--	0.1248+0.3232i	4.7840+4.0155i	1.5149+1.1544i	0.6650-1.2024i	1.5885+1.1151i	0.3673-0.3730i	-0.1331-1.1928i
68.9	--	0.1366+0.2772i	4.9672+3.9974i	1.2807+1.2642i	0.6784-1.2537i	1.6547+1.1287i	0.5292-0.3754i	-0.2419-1.2227i
69.0	--	0.1202+0.2696i	5.0780+3.9339i	1.2325+1.4172i	0.6632-1.3274i	1.7210+1.0792i	0.6253-0.4162i	-0.3488-1.2119i
69.1	--	0.0727+0.3280i	5.1971+3.7612i	1.2689+1.6246i	0.6121-1.3844i	1.7503+1.0365i	0.7631-0.5370i	-0.5052-1.1571i
69.2	--	0.1744+0.3185i	5.2404+3.6728i	1.2437+1.9825i	0.6333-1.4767i	1.8308+1.0981i	0.8630-0.6859i	-0.5979-1.0680i
69.3	--	0.2161+0.3029i	5.4282+3.6060i	1.2094+2.2220i	0.6341-1.5779i	1.9479+1.1771i	0.8508-0.8652i	-0.6370-0.9499i
69.4	--	0.2377+0.2545i	5.5980+3.3485i	1.5874+2.5908i	0.5762-1.7330i	2.1713+1.2148i	0.7928-1.1197i	-0.6575-0.7914i
69.5	--	0.2990+0.1467i	5.6479+3.2254i	2.0665+2.6967i	0.4877-1.8861i	2.5232+1.1186i	0.6928-1.2343i	-0.6414-0.7194i
69.6	--	0.2110+0.1634i	5.5961+3.1816i	2.4249+2.6689i	0.3862-1.9797i	2.8663+0.8190i	0.6603-1.3281i	-0.6665-0.6465i
69.7	--	0.1941+0.0933i	5.6340+3.0856i	2.4182+2.5916i	0.2460-2.0572i	2.8301+0.4226i	0.6587-1.3315i	-0.6507-0.6147i
69.8	--	0.1989+0.0643i	5.8513+2.9113i	2.5733+2.5667i	0.0745-2.1539i	2.7743+0.0855i	0.5758-1.4205i	-0.6228-0.5794i
69.9	--	0.1864+0.1230i	5.8932+2.6600i	2.8361+2.5314i	-0.1832-2.1697i	2.6200-0.2112i	0.4677-1.6366i	-0.6535-0.4655i
70.0	--	0.1053+0.0589i	5.8775+2.5954i	3.1783+2.5959i	-0.3514-2.1118i	2.4745-0.2972i	0.3369-1.7900i	-0.6310-0.3909i
70.1	--	0.1285+0.0294i	6.0675+2.6723i	3.3979+2.5175i	-0.3935-2.0136i	2.4104-0.2477i	0.2308-1.8480i	-0.5660-0.3457i
70.2	--	0.1558-0.0053i	6.3181+2.3798i	3.5403+2.4003i	-0.4786-1.9222i	2.3679-0.2267i	0.0341-1.7829i	-0.5175-0.3704i
70.3	--	0.1873+0.0104i	6.2062+2.3190i	3.7442+2.3803i	-0.4942-1.9051i	2.3915-0.1973i	-0.1585-1.7553i	-0.4370-0.3701i
70.4	--	0.2330+0.0199i	6.0774+2.1362i	3.8034+2.1748i	-0.5212-1.8809i	2.4079-0.2051i	-0.2888-1.6443i	-0.4232-0.3904i
70.5	--	0.2115+0.0206i	6.2375+2.0643i	3.9473+1.9181i	-0.5349-1.8839i	2.5543-0.2899i	-0.3345-1.5618i	-0.4437-0.4389i
70.6	--	0.1901+0.0366i	6.2886+1.9721i	3.9665+1.7641i	-0.5225-1.8970i	2.6813-0.4003i	-0.3847-1.5142i	-0.4162-0.4182i
70.7	--	0.2279-0.1047i	6.3742+1.8105i	4.1425+1.6085i	-0.5488-1.9436i	2.7808-0.6823i	-0.3671-1.4492i	-0.4414-0.4263i
70.8	--	0.2037-0.1403i	6.5561+1.6696i	4.3432+1.5053i	-0.5931-2.0344i	2.8796-0.9824i	-0.3469-1.4649i	-0.4769-0.4190i
70.9	--	0.2124-0.0795i	6.6316+1.5869i	4.3075+1.4790i	-0.6389-2.1127i	2.8879-1.2469i	-0.3561-1.4726i	-0.4793-0.4149i
71.0	--	0.1864-0.0749i	6.7614+1.3469i	4.3916+1.3716i	-0.7873-2.1725i	2.6935-1.5241i	-0.3299-1.4889i	-0.5187-0.4110i
71.1	--	0.1096-0.1677i	6.6254+1.1555i	4.4433+1.0037i	-0.9513-2.2094i	2.3580-1.7515i	-0.3037-1.5279i	-0.5595-0.4002i
71.2	--	0.1489-0.1531i	6.4680+1.1400i	4.5130+0.9359i	-1.0571-2.2216i	2.1758-1.8164i	-0.3591-1.5844i	-0.5351-0.4041i
71.3	--	0.1853-0.1923i	6.6610+1.0101i	4.7639+0.7457i	-1.2606-2.3083i	1.9479-2.0522i	-0.4724-1.6322i	-0.5420-0.4531i
71.4	--	0.1499-0.1596i	6.5801+0.8599i	4.9399+0.7796i	-1.3705-2.2979i	1.7878-2.0452i	-0.5117-1.7304i	-0.5739-0.4274i
71.5	--	0.1302-0.2163i	6.7029+0.8105i	4.9373+0.5860i	-1.5552-2.2832i	1.5576-2.0152i	-0.5344-1.8212i	-0.6516-0.3830i
71.6	--	0.0273-0.3174i	6.8829+0.7228i	4.8215+0.4111i	-1.7431-2.2354i	1.3582-1.9105i	-0.6598-1.9208i	-0.7144-0.3099i
71.7	--	0.0272-0.2441i	6.8553+0.6716i	4.9175+0.0493i	-1.9009-2.1475i	1.2753-1.8152i	-0.8172-2.0177i	-0.7443-0.2496i
71.8	--	0.0726-0.1716i	6.7432+0.5276i	5.1170-0.2786i	-2.0763-2.0994i	1.2266-1.8330i	-0.9563-2.0635i	-0.7798-0.2301i
71.9	--	0.0991-0.1425i	6.8842+0.3212i	5.1571-0.4968i	-2.2994-1.9863i	1.1355-1.8153i	-1.1965-2.1370i	-0.7913-0.1030i
72.0	--	0.0616-0.2039i	6.9799+0.2547i	5.2024-0.7572i	-2.4221-1.8765i	1.1427-1.7689i	-1.3934-2.1861i	-0.7668-0.0318i
72.1	--	-0.0254-0.2378i	7.0538+0.0128i	4.9047-1.0422i	-2.5561-1.6230i	1.0835-1.7024i	-1.7123-2.1441i	-0.7145+0.1128i
72.2	--	-0.0607-0.2305i	7.2795-0.1643i	4.6531-1.3431i	-2.6845-1.4077i	1.0317-1.7602i	-2.0391-2.0095i	-0.6374+0.1947i
72.3	--	-0.0747-0.2175i	7.3163-0.3681i	4.6302-1.7036i	-2.7647-1.1883i	1.0187-1.8817i	-2.3490-1.8712i	-0.5177+0.2623i
72.4	--	-0.1013-0.1872i	7.1169-0.6457i	4.5536-2.0609i	-2.7864-0.9982i	0.8994-2.0579i	-2.5331-1.5526i	-0.4292+0.1967i
72.5	--	-0.0448-0.3111i	7.2217-0.8734i	4.3447-2.1662i	-2.7590-0.8572i	0.7086-2.1025i	-2.6226-1.1186i	-0.3355+0.0587i
72.6	--	0.0127-0.2645i	7.3149-1.0862i	4.2783-2.0316i	-2.7452-0.7839i	0.7048-2.0320i	-2.6999-0.8948i	-0.2864+0.0031i
72.7	--	-0.0267-0.2202i	7.1662-1.4061i	4.2189-2.0513i	-2.7561-0.6153i	0.6352-2.0255i	-2.6506-0.5993i	-0.2765-0.0365i
72.8	--	0.0272-0.1678i	7.0504-1.5285i	4.0402-2.0725i	-2.7414-0.4578i	0.5186-2.0237i	-2.5419-0.3462i	-0.3258-0.0607i
72.9	--	-0.0552-0.0544i	7.0473-1.7429i	3.7348-2.1391i	-2.6791-0.3197i	0.4006-1.9650i	-2.4529-0.2074i	-0.3728-0.0479i
73.0	--	-0.1116-0.1885i	7.0433-1.8432i	3.5701-2.5637i	-2.6534-0.1900i	0.2286-2.0381i	-2.2887-0.0022i	-0.4791-0.0727i
73.1	--	-0.0432-0.2103i	6.9737-1.8533i	3.4962-2.4806i	-2.5346-0.1365i	0.1884-2.0109i	-2.1718+0.1613i	-0.4540-0.0984i
73.2	--	-0.1257-0.2158i	6.7849-1.9468i	3.3352-2.4530i	-2.4065-0.0272i	0.0446-1.8591i	-1.9914+0.1942i	-0.4667-0.0471i
73.3	--	-0.0876-0.2477i	6.6795-2.0824i	3.0927-2.6225i	-2.3482+0.0034i	-0.1318-1.8378i	-1.7685+0.2933i	-0.5401-0.0513i
73.4	--	-0.1375-0.2397i	6.5339-2.2294i	3.1308-2.6537i	-2.3160-0.0290i	-0.2156-1.8315i	-1.6329+0.2915i	-0.5565-0.0262i
73.5	--	-0.1863-0.2570i	6.5430-2.3023i	2.9174-2.6999i	-2.3130-0.0427i	-0.2995-1.7388i	-1.5576+0.2020i	-0.5716+0.0704i
73.6	--	-0.2001-0.1900i	6.5750-2.3842i	2.7303-2.7641i	-2.3719-0.0658i	-0.3561-1.5951i	-1.5550+0.0623i	-0.5600+0.1652i
73.7	--	-0.1765-0.2251i	6.6262-2.3818i	2.7941-2.7492i	-2.4687-0.0675i	-0.3422-1.5574i	-1.5984+0.0301i	-0.5334+0.1982i
73.8	--	-0.1972-0.2584i	6.5840-2.3759i	2.7736-2.8711i	-2.5798+0.0276i	-0.3783-1.5212i	-1.6676-0.0003i	-0.4804+0.2452i
73.9	--	-0.1834-0.3030i	6.7128-2.3631i	2.5817-3.1504i	-2.6860+0.1655i	-0.4560-1.5066i	-1.7576+0.0374i	-0.4531+0.2771i
74.0	--	-0.1709-0.3191i	6.8992-2.4511i	2.5263-3.0969i	-2.7537+0.3182i	-0.4520-1.4483i	-1.9099+0.1240i	-0.3479+0.2944i
74.1	--	-0.1107-0.2372i	6.9475-2.5557i	2.3524-3.0628i	-2.7289+0.4717i	-0.4622-1.3697i	-1.9826+0.2545i	-0.2611+0.2701i
74.2	--	-0.2292-0.2525i	6.9949-2.8519i	2.0790-3.1205i	-2.6802+0.6414i	-0.5668-1.3242i	-2.0087+0.3455i	-0.2087+0.2829i
74.3	--	-0.1886-0.2795i	7.3208-3.0910i	1.9001-3.0561i	-2.6777+0.7850i	-0.5627-1.2716i	-2.0759+0.4647i	-0.1615+0.2794i
74.4	--	-0.2614-0.2252i	7.4633-3.3589i	1.7937-3.0690i	-2.6194+0.8957i	-0.6064-1.1925i	-2.0520+0.6239i	-0.1115+0.2312i
74.5	--	-0.2509-0.2056i	7.4034-3.5734i	1.6173-3.0696i	-2.5406+0.9723i	-0.6227-1.1398i	-2.0231+0.7439i	-0.0595+0.1778i
74.6	--	-0.1678-0.1800i	7.1075-3.9962i	1.4758-3.1227i	-2.4549+1.1152i	-0.7076-1.0724i	-1.9132+0.8644i	-0.0499+0.1518i
74.7	--	-0.1642-0.2100i	7.1768-4.1983i	1.3090-3.1870i	-2.4356+1.2157i	-0.7322-0.9832i	-1.9052+0.9406i	-0.0487+0.1231i
74.8	--	-0.1552-0.1792i	7.4361-4.2679i	1.1281-3.1193i	-2.4286+1.2655i	-0.6937-0.9157i	-1.9710+1.0263i	-0.0078+0.0924i
74.9	--	-0.0701-0.1004i	7.1440-4.6537i	1.0752-3.1076i	-2.3367+1.3672i	-0.6908-0.8793i	-1.8341+1.2060i	-0.0090+0.0001i

75.0	--	-0.1148-0.1558i	7.2152-5.1505i	0.8906-3.0412i	-2.2846+1.4926i	-0.7504-0.7667i	-1.7546+1.3162i	-0.0119-0.0250i
75.1	--	-0.1229-0.1953i	7.0772-5.4856i	0.7389-2.9781i	-2.2112+1.5849i	-0.8036-0.6718i	-1.7245+1.3439i	0.0212-0.0283i
75.2	--	-0.0727-0.2201i	7.0445-5.6496i	0.5271-2.9480i	-2.1406+1.6721i	-0.8157-0.5359i	-1.7232+1.3884i	0.0377-0.0416i
75.3	--	-0.1722-0.2484i	6.7755-6.1026i	0.4808-2.9398i	-2.0563+1.8284i	-0.7928-0.4483i	-1.5745+1.4995i	-0.0165-0.0705i
75.4	--	-0.1793-0.3195i	6.7105-6.3225i	0.3479-2.9355i	-2.0158+1.9203i	-0.7307-0.3826i	-1.5325+1.6224i	-0.0297-0.1248i
75.5	--	-0.1085-0.3189i	6.4342-6.5587i	0.1435-2.7943i	-1.8703+2.0138i	-0.6715-0.3040i	-1.4598+1.7406i	-0.0158-0.1510i
75.6	--	-0.1114-0.2648i	5.8965-6.9980i	0.0496-2.6614i	-1.6884+2.1283i	-0.6401-0.2856i	-1.2819+1.8556i	-0.0420-0.1577i
75.7	--	-0.0760-0.2708i	5.5782-7.0549i	-0.0318-2.5461i	-1.5532+2.2164i	-0.5932-0.2288i	-1.1552+1.9307i	-0.0675-0.1838i
75.8	--	-0.0289-0.2759i	5.4843-7.1865i	-0.1979-2.4804i	-1.4062+2.3156i	-0.5720-0.1526i	-1.0447+2.0185i	-0.0659-0.2183i
75.9	--	0.0056-0.2282i	5.2395-7.2886i	-0.3849-2.4299i	-1.2388+2.3827i	-0.5466-0.1137i	-0.8810+2.1087i	-0.1067-0.2802i
76.0	--	-0.0113-0.3464i	4.9727-7.5882i	-0.4033-2.2874i	-1.0348+2.4388i	-0.5241-0.0861i	-0.7349+2.1809i	-0.0955-0.3154i
76.1	--	-0.1029-0.3792i	4.7272-7.6974i	-0.4302-2.2547i	-0.8113+2.4094i	-0.4673-0.0894i	-0.5372+2.1850i	-0.1304-0.3427i
76.2	--	-0.0885-0.4936i	4.5664-7.6382i	-0.6235-2.1806i	-0.6249+2.4003i	-0.4310-0.0547i	-0.3444+2.2028i	-0.1871-0.3723i
76.3	--	-0.1317-0.4957i	4.2029-7.7225i	-0.6903-2.0933i	-0.4691+2.3411i	-0.4196+0.0113i	-0.2304+2.1794i	-0.2063-0.4009i
76.4	--	-0.1849-0.6458i	4.0084-7.7187i	-0.7499-1.8741i	-0.2878+2.2295i	-0.4535+0.0445i	-0.0304+2.0647i	-0.2794-0.3972i
76.5	--	-0.0931-0.6714i	3.8412-7.8527i	-0.9903-1.7469i	-0.1298+2.1953i	-0.4337+0.2290i	0.1440+2.0741i	-0.3657-0.3960i
76.6	--	-0.1445-0.6852i	3.7944-8.0311i	-1.0638-1.5822i	0.0331+2.1671i	-0.3039+0.3247i	0.2654+2.0943i	-0.3850-0.3956i
76.7	--	-0.1192-0.7259i	3.4444-8.0399i	-1.1889-1.2971i	0.2392+2.0305i	-0.1429+0.3486i	0.4352+2.0113i	-0.4357-0.3911i
76.8	--	-0.1809-0.8365i	3.2280-7.8966i	-1.2259-1.1615i	0.3710+1.8492i	-0.0801+0.3799i	0.5969+1.9178i	-0.4809-0.4119i
76.9	--	-0.3209-0.9103i	3.3585-7.9850i	-1.1489-0.8408i	0.4559+1.6764i	0.0661+0.3752i	0.7233+1.8445i	-0.5306-0.4070i
77.0	--	-0.3705-0.9066i	3.2132-8.0300i	-1.1564-0.7801i	0.4994+1.4784i	0.1407+0.4152i	0.8742+1.7377i	-0.5984-0.4453i
77.1	--	-0.4008-1.0150i	3.1596-8.1593i	-1.2213-0.5617i	0.5561+1.2824i	0.2607+0.4264i	0.9579+1.6159i	-0.6517-0.4444i
77.2	--	-0.5824-1.0057i	3.2120-8.3927i	-1.1535-0.3870i	0.5641+1.0748i	0.3635+0.4047i	1.0391+1.5329i	-0.6870-0.4481i
77.3	--	-0.7142-1.0459i	3.0515-8.5484i	-1.1655-0.0912i	0.5042+0.9024i	0.5026+0.3320i	1.1287+1.4154i	-0.7612-0.4289i
77.4	--	-0.7635-1.1278i	2.8082-9.0871i	-1.0561+0.2959i	0.4082+0.7170i	0.6380+0.2015i	1.2740+1.2241i	-0.9074-0.3643i
77.5	--	-0.8400-1.1284i	2.7972-9.6843i	-1.0576+0.5730i	0.3277+0.6232i	0.7503+0.1883i	1.3558+1.0995i	-1.0358-0.3112i
77.6	--	-0.8995-1.2135i	2.6249-10.1152i	-0.9581+0.8133i	0.2102+0.5433i	0.8596+0.1112i	1.4232+0.9677i	-1.1497-0.2394i
77.7	--	-1.0469-1.2860i	2.2457-10.4212i	-0.6913+1.0822i	0.0432+0.4490i	0.9416+0.0517i	1.4650+0.8124i	-1.2524-0.1693i
77.8	--	-1.2551-1.1565i	1.6760-10.7478i	-0.4400+1.1473i	-0.1190+0.4816i	0.9810+0.0239i	1.4771+0.6973i	-1.3139-0.0740i
77.9	--	-1.4771-1.1569i	0.9509-11.1136i	-0.0141+1.4564i	-0.2475+0.5321i	1.0877-0.1566i	1.5048+0.5136i	-1.3713+0.1030i
78.0	--	-1.7307-1.2162i	0.4719-11.3218i	0.4026+1.6822i	-0.3005+0.5819i	1.1811-0.2747i	1.5091+0.3160i	-1.4021+0.2865i
78.1	--	-1.8620-1.1242i	0.0355-11.2920i	0.7066+1.6445i	-0.3459+0.6259i	1.2035-0.3710i	1.4180+0.1760i	-1.3684+0.4190i
78.2	--	-1.9657-0.9046i	-0.8353-11.2009i	1.0132+1.4769i	-0.3803+0.6870i	1.2024-0.5385i	1.3545-0.0266i	-1.3244+0.5925i
78.3	--	-2.1810-0.7848i	-1.7377-11.0915i	1.4710+1.3783i	-0.4134+0.7518i	1.2248-0.6739i	1.2528-0.1628i	-1.2614+0.7227i
78.4	--	-2.2687-0.6348i	-2.0312-11.1245i	1.7717+1.3141i	-0.4051+0.7901i	1.2184-0.8753i	1.1511-0.2705i	-1.1848+0.8511i
78.5	--	-2.3172-0.4586i	-2.7537-10.7984i	2.1200+1.0827i	-0.3923+0.8334i	1.1064-1.0600i	1.0051-0.3672i	-1.0407+0.9603i
78.6	--	-2.3404-0.2313i	-3.4656-10.5614i	2.2619+0.8088i	-0.3770+0.9004i	0.9957-1.1838i	0.8557-0.4669i	-0.8938+1.0561i
78.7	--	-2.3400+0.0199i	-3.8973-10.2747i	2.3876+0.4497i	-0.3664+0.9327i	0.8717-1.3069i	0.7408-0.5099i	-0.7871+1.1160i
78.8	--	-2.2404+0.2887i	-4.5366-10.1258i	2.3893+0.1588i	-0.3228+0.9837i	0.7651-1.4393i	0.6197-0.5410i	-0.6590+1.1785i
78.9	--	-2.2112+0.2493i	-5.1179-9.8143i	2.3195-0.0806i	-0.2802+1.0480i	0.6253-1.4378i	0.5283-0.5444i	-0.5535+1.1888i
79.0	--	-2.3777+0.0115i	-5.5988-9.5655i	2.1027+0.0753i	-0.1841+1.1012i	0.5550-1.4371i	0.4073-0.5786i	-0.4403+1.2429i
79.1	--	-2.7732+0.1089i	-5.9548-8.9546i	2.2735+0.3919i	-0.0615+1.0636i	0.4100-1.4200i	0.2363-0.5412i	-0.2325+1.1925i
79.2	--	-3.0224+0.5389i	-6.3298-8.3443i	3.0660+0.2525i	-0.0207+0.9868i	0.2932-1.4147i	0.1313-0.4184i	-0.1015+1.0728i
79.3	--	-2.7798+0.9442i	-6.5018-7.6764i	3.1044-0.3029i	0.0009+0.9431i	0.1828-1.4099i	0.1165-0.3494i	-0.0429+0.9963i
79.4	--	-2.6363+1.2390i	-6.5435-7.1446i	3.1385-0.7433i	0.0022+0.8869i	0.1394-1.3548i	0.1015-0.2634i	-0.0252+0.8866i
79.5	--	-2.5444+1.3875i	-6.8191-7.0573i	3.2290-1.0670i	-0.0399+0.8496i	0.0942-1.3850i	0.1161-0.2130i	-0.0391+0.8274i
79.6	--	-2.4062+1.5478i	-7.0173-6.1883i	3.1506-1.2528i	-0.0467+0.8256i	0.0015-1.3699i	0.1053-0.1892i	-0.0192+0.7975i
79.7	--	-2.2072+1.7440i	-7.1410-5.4463i	3.0213-1.6018i	-0.0381+0.8327i	-0.0668-1.3546i	0.1152-0.2034i	-0.0243+0.7971i
79.8	--	-2.1597+1.9311i	-7.3697-5.0721i	3.0131-1.9584i	-0.0652+0.8737i	-0.1208-1.3135i	0.1380-0.2028i	-0.0173+0.7850i
79.9	--	-1.8575+2.0085i	-7.3408-4.6064i	2.7011-2.0614i	-0.0432+0.8464i	-0.1766-1.2834i	0.1002-0.2099i	0.0095+0.7725i
80.0	--	-1.7766+2.1416i	-7.3360-4.2047i	2.6488-2.3449i	-0.0352+0.8474i	-0.2497-1.2996i	0.0984-0.2308i	0.0294+0.7660i

2.1.83 Run 7 – VT270-200 – Accels 33–40

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	5.4727+0.0000i	3.1834+0.0000i	-2.5208+0.0000i	-3.2714+0.0000i	11.5537+0.0000i	2.3620+0.0000i	6.6840+0.0000i	2.5818+0.0000i
0.1	0.1564+0.7292i	0.3051+1.0812i	-0.2737+1.4285i	-0.5692-0.1468i	2.0908-0.3240i	0.5627-0.4696i	1.4192+0.2311i	0.3544+0.0952i
0.2	-0.1378+0.5215i	-0.0259+0.6284i	0.0228+0.3555i	-0.0705-0.0635i	0.1192-0.0019i	0.3395+0.0540i	0.0343+0.2776i	0.0034+0.1376i
0.3	0.1177+0.0437i	-0.0405+0.1080i	0.0420-0.0377i	-0.0249+0.0094i	0.0520-0.0115i	0.0223+0.0444i	0.0083-0.0230i	-0.0098-0.0377i
0.4	0.0362-0.0217i	0.0216+0.0219i	0.0490-0.0206i	-0.0065-0.0021i	-0.0006+0.0330i	-0.0084+0.0580i	-0.0282-0.0372i	0.0025-0.0488i
0.5	0.0011-0.0161i	-0.0068-0.0263i	-0.0144+0.0148i	0.0175-0.0040i	0.0017+0.0415i	0.0007+0.0060i	-0.0027-0.0193i	0.0210+0.0076i
0.6	0.0021+0.0035i	-0.0102-0.0157i	-0.0137+0.0154i	-0.0039+0.0072i	0.0004+0.0032i	-0.0107-0.0153i	-0.0032+0.0061i	0.0037-0.0003i
0.7	-0.0049+0.0055i	-0.0094+0.0070i	-0.0031+0.0128i	-0.0040+0.0110i	-0.0215+0.0032i	-0.0060-0.0041i	-0.0017+0.0042i	0.0004-0.0020i
0.8	0.0085+0.0028i	-0.0078+0.0064i	-0.0114+0.0106i	-0.0027+0.0075i	-0.0101+0.0175i	-0.0030+0.0008i	-0.0002+0.0017i	0.0014-0.0018i
0.9	0.0004+0.0011i	-0.0067-0.0032i	-0.0075-0.0044i	-0.0064-0.0017i	0.0069+0.0052i	-0.0002-0.0035i	0.0039+0.0035i	-0.0018-0.0029i
1.0	0.0043-0.0018i	0.0022-0.0027i	-0.0022-0.0001i	-0.0022-0.0040i	0.0066+0.0011i	-0.0016-0.0001i	-0.0003+0.0023i	-0.0019+0.0009i
1.1	0.0024-0.0030i	-0.0002+0.0022i	0.0026+0.0088i	-0.0031+0.0023i	-0.0011+0.0271i	-0.0032-0.0011i	0.0007+0.0015i	-0.0016+0.0018i
1.2	-0.0005-0.0006i	0.0042-0.0008i	0.0016-0.0006i	-0.0074+0.0009i	-0.0010+0.0561i	-0.0026-0.0024i	0.0004-0.0006i	-0.0002-0.0007i
1.3	-0.0059+0.0003i	-0.0005-0.0014i	-0.0100-0.0005i	-0.0076-0.0029i	-0.0285+0.0385i	-0.0020-0.0007i	-0.0012+0.0005i	-0.0006-0.0003i
1.4	-0.0054-0.0021i	-0.0035-0.0008i	-0.0112+0.0060i	-0.0041-0.0039i	-0.0026-0.0118i	-0.0034+0.0002i	-0.0029+0.0016i	0.0012-0.0000i
1.5	-0.0086-0.0019i	-0.0042-0.0009i	-0.0127+0.0024i	-0.0067-0.0017i	0.0322-0.0533i	-0.0053-0.0006i	-0.0038+0.0009i	-0.0003-0.0011i
1.6	-0.0112+0.0000i	-0.0082+0.0015i	-0.0142-0.0007i	-0.0081-0.0013i	0.0286+0.0092i	-0.0054+0.0006i	-0.0029+0.0001i	-0.0002-0.0005i
1.7	-0.0105+0.0001i	-0.0039+0.0059i	-0.0130-0.0016i	-0.0099-0.0028i	0.0132+0.0130i	-0.0040-0.0019i	-0.0030-0.0019i	-0.0004+0.0011i
1.8	-0.0103-0.0004i	-0.0012+0.0021i	-0.0131-0.0002i	-0.0175+0.0007i	0.0179-0.0098i	-0.0058-0.0014i	-0.0036-0.0004i	-0.0008+0.0018i
1.9	-0.0164-0.0024i	-0.0039+0.0111i	-0.0137-0.0027i	-0.0238+0.0016i	0.0159+0.0046i	-0.0086-0.0005i	-0.0062+0.0006i	-0.0003+0.0005i
2.0	-0.0254-0.0054i	0.0018+0.0219i	-0.0143+0.0002i	-0.0266+0.0038i	0.0336+0.0020i	-0.0084-0.0010i	-0.0084+0.0012i	-0.0001+0.0003i
2.1	-0.0382-0.0085i	0.0146+0.0258i	-0.0166+0.0013i	-0.0320+0.0028i	0.0209+0.0238i	-0.0080-0.0008i	-0.0096+0.0012i	-0.0005+0.0025i
2.2	-0.0651-0.0025i	0.0383+0.0047i	-0.0171+0.0002i	-0.0556+0.0007i	0.0353+0.0010i	-0.0081-0.0010i	-0.0135+0.0011i	0.0002+0.0012i
2.3	-0.1176+0.0516i	0.0214-0.0078i	-0.0176-0.0042i	-0.1142+0.0520i	0.0228-0.0064i	-0.0041-0.0052i	-0.0222+0.0102i	0.0005-0.0002i
2.4	-0.0816+0.2080i	0.0117-0.0095i	-0.0213-0.0136i	-0.0782+0.2106i	0.0186+0.0069i	-0.0082-0.0184i	-0.0130+0.0377i	-0.0006-0.0014i
2.5	0.1177+0.1395i	0.0046-0.0105i	-0.0333-0.0099i	0.1221+0.1408i	-0.0030+0.0099i	-0.0260-0.0118i	0.0194+0.0229i	-0.0015-0.0006i
2.6	0.1041+0.0248i	0.0035-0.0078i	-0.0347-0.0019i	0.1060+0.0240i	-0.0044-0.0018i	-0.0263-0.0024i	0.0144+0.0032i	-0.0024+0.0009i
2.7	0.0623+0.0119i	0.0037-0.0046i	-0.0350-0.0025i	0.0642+0.0137i	-0.0170-0.0177i	-0.0243-0.0026i	0.0054+0.0007i	-0.0036+0.0012i
2.8	0.0430+0.0056i	0.0043-0.0035i	-0.0377-0.0057i	0.0462+0.0025i	-0.0282+0.0237i	-0.0246-0.0033i	0.0018-0.0005i	-0.0011-0.0007i
2.9	0.0336+0.0088i	0.0023-0.0051i	-0.0400-0.0043i	0.0417+0.0057i	-0.0221+0.0210i	-0.0244-0.0026i	0.0020+0.0001i	-0.0003+0.0019i
3.0	0.0312+0.0084i	0.0017-0.0044i	-0.0443-0.0019i	0.0361+0.0087i	-0.0177+0.0082i	-0.0251-0.0024i	0.0018-0.0015i	-0.0013+0.0025i
3.1	0.0284+0.0069i	0.0031-0.0055i	-0.0441-0.0012i	0.0314+0.0080i	0.0062-0.0005i	-0.0257-0.0036i	0.0009-0.0014i	-0.0019+0.0019i
3.2	0.0269+0.0060i	0.0038-0.0031i	-0.0475-0.0008i	0.0319+0.0084i	-0.0119+0.0145i	-0.0304-0.0043i	-0.0004-0.0028i	-0.0033+0.0008i
3.3	0.0300+0.0047i	0.0033-0.0046i	-0.0536-0.0030i	0.0324+0.0038i	-0.0189+0.0149i	-0.0332-0.0047i	-0.0019-0.0014i	-0.0012+0.0021i
3.4	0.0290+0.0028i	0.0046-0.0029i	-0.0582-0.0036i	0.0326+0.0038i	-0.0210+0.0266i	-0.0344-0.0019i	-0.0024+0.0007i	0.0015+0.0042i
3.5	0.0292+0.0027i	0.0021-0.0006i	-0.0602-0.0042i	0.0321+0.0072i	0.0646+0.0395i	-0.0371-0.0037i	-0.0013+0.0001i	0.0002+0.0016i
3.6	0.0263+0.0058i	0.0075+0.0044i	-0.0606-0.0020i	0.0292-0.0040i	-0.0039+0.1023i	-0.0395-0.0015i	-0.0065-0.0025i	0.0004-0.0007i
3.7	0.0213+0.0011i	0.0037+0.0076i	-0.0669+0.0043i	0.0289+0.0009i	0.0167-0.0383i	-0.0367+0.0016i	-0.0093-0.0041i	0.0087+0.0016i
3.8	0.0246-0.0006i	0.0091+0.0026i	-0.0705+0.0033i	0.0269-0.0006i	-0.0026-0.0134i	-0.0390+0.0010i	-0.0095-0.0008i	0.0024-0.0018i
3.9	0.0243+0.0003i	0.0100+0.0001i	-0.0740+0.0001i	0.0264+0.0001i	0.0043+0.0123i	-0.0407+0.0006i	-0.0085-0.0013i	0.0017+0.0017i
4.0	0.0235+0.0006i	0.0084-0.0008i	-0.0779-0.0008i	0.0265+0.0000i	0.0035+0.0163i	-0.0428+0.0004i	-0.0089-0.0004i	0.0042+0.0026i
4.1	0.0226+0.0003i	0.0073-0.0008i	-0.0822-0.0012i	0.0258-0.0006i	0.0068+0.0035i	-0.0454-0.0000i	-0.0090+0.0001i	0.0066-0.0001i
4.2	0.0221+0.0012i	0.0080-0.0002i	-0.0879-0.0017i	0.0252-0.0003i	0.0129+0.0027i	-0.0487-0.0005i	-0.0092-0.0001i	0.0079-0.0053i
4.3	0.0230+0.0010i	0.0074+0.0013i	-0.0944-0.0028i	0.0247+0.0005i	0.0120+0.0207i	-0.0518-0.0009i	-0.0102+0.0013i	0.0095-0.0103i
4.4	0.0231-0.0010i	0.0086+0.0043i	-0.1005-0.0032i	0.0243+0.0010i	0.0108+0.0073i	-0.0548-0.0009i	-0.0088+0.0032i	0.0092-0.0161i
4.5	0.0217-0.0004i	0.0075+0.0073i	-0.1082-0.0032i	0.0230+0.0033i	-0.0046+0.0101i	-0.0583-0.0013i	-0.0043+0.0040i	0.0081-0.0315i
4.6	0.0209+0.0011i	0.0069+0.0102i	-0.1140-0.0027i	0.0242+0.0035i	-0.0099+0.0100i	-0.0600-0.0018i	-0.0016+0.0018i	0.0040-0.0525i
4.7	0.0217+0.0070i	0.0173+0.0230i	-0.1255-0.0072i	0.0259+0.0087i	0.0268+0.0535i	-0.0667-0.0054i	-0.0038-0.0201i	-0.0609-0.1161i
4.8	0.0376+0.0051i	0.0490+0.0144i	-0.1345+0.0019i	0.0421+0.0071i	0.0254+0.0171i	-0.0747-0.0006i	-0.0503-0.0139i	-0.2256-0.0357i
4.9	0.0360-0.0059i	0.0525-0.0022i	-0.1315+0.0038i	0.0416-0.0006i	0.0156-0.0174i	-0.0699+0.0011i	-0.0481+0.0154i	-0.2244+0.0915i
5.0	0.0240+0.0009i	0.0209-0.0152i	-0.1505-0.0132i	0.0294+0.0067i	-0.0008-0.0272i	-0.0776-0.0111i	-0.0154-0.0013i	-0.0161+0.1408i
5.1	0.0284+0.0057i	0.0132-0.0138i	-0.1700-0.0152i	0.0374+0.0173i	-0.0075-0.0201i	-0.0921-0.0139i	-0.0318-0.0132i	0.0384+0.1255i
5.2	0.0384-0.0068i	0.0117-0.0121i	-0.1857-0.0040i	0.0627+0.0103i	-0.0068+0.0047i	-0.1041-0.0010i	-0.0538+0.0312i	0.0571+0.1234i
5.3	0.0295-0.0233i	0.0114-0.0071i	-0.1952+0.0083i	0.0746-0.0245i	0.0012+0.0028i	-0.1063+0.0148i	-0.0223+0.0854i	0.0864+0.1033i
5.4	-0.0089-0.0093i	0.0056+0.0042i	-0.1931+0.0075i	0.0030-0.0371i	0.0143-0.0661i	-0.0862+0.0104i	0.1088+0.0139i	0.1879-0.0258i
5.5	0.0056+0.0205i	0.0077+0.0040i	-0.2113+0.0001i	0.0036+0.0139i	0.0182-0.0379i	-0.0972-0.0086i	0.0634-0.0864i	0.1399-0.0948i
5.6	0.0174+0.0258i	0.0134+0.0118i	-0.2266+0.0052i	0.0190+0.0220i	-0.0120-0.0095i	-0.1058-0.0111i	0.0308-0.0975i	0.0663-0.1851i

5.7	0.0242+0.0292i	0.0252+0.0171i	-0.2394+0.0096i	0.0284+0.0233i	0.0161-0.0060i	-0.1129-0.0114i	0.0125-0.1048i	-0.0777-0.1985i
5.8	0.0346+0.0333i	0.0329+0.0113i	-0.2571+0.0109i	0.0412+0.0275i	0.0263+0.0012i	-0.1234-0.0128i	-0.0151-0.1216i	-0.1730-0.1302i
5.9	0.0474+0.0336i	0.0396+0.0060i	-0.2752+0.0102i	0.0542+0.0308i	0.0243+0.0061i	-0.1358-0.0145i	-0.0592-0.1284i	-0.2572-0.0352i
6.0	0.0547+0.0297i	0.0406-0.0033i	-0.2940+0.0101i	0.0640+0.0287i	0.0290-0.0017i	-0.1450-0.0135i	-0.0790-0.1136i	-0.2351+0.1110i
6.1	0.0597+0.0279i	0.0339-0.0112i	-0.3219+0.0114i	0.0738+0.0268i	0.0237-0.0014i	-0.1543-0.0114i	-0.0823-0.1097i	-0.1015+0.1921i
6.2	0.0702+0.0293i	0.0272-0.0107i	-0.3559+0.0165i	0.0873+0.0266i	0.0142-0.0019i	-0.1670-0.0109i	-0.1077-0.1161i	0.0113+0.1641i
6.3	0.0806+0.0289i	0.0251-0.0073i	-0.3934+0.0201i	0.0994+0.0253i	0.0138+0.0063i	-0.1801-0.0078i	-0.1369-0.1109i	0.0521+0.0954i
6.4	0.0947+0.0288i	0.0265-0.0044i	-0.4399+0.0340i	0.1157+0.0239i	0.0167-0.0039i	-0.1931-0.0039i	-0.1678-0.1091i	0.0066+0.0559i
6.5	0.1077+0.0251i	0.0277-0.0036i	-0.4763+0.0532i	0.1333+0.0196i	0.0075-0.0025i	-0.2009+0.0019i	-0.1966-0.0991i	-0.0217+0.0799i
6.6	0.1315+0.0284i	0.0290-0.0008i	-0.5374+0.0701i	0.1634+0.0217i	0.0107+0.0067i	-0.2071+0.0015i	-0.2227-0.0927i	-0.0212+0.1294i
6.7	0.1606+0.0271i	0.0319+0.0007i	-0.6112+0.0980i	0.1999+0.0170i	0.0193-0.0143i	-0.2171-0.0025i	-0.2634-0.0952i	-0.0256+0.1761i
6.8	0.2093+0.0117i	0.0379+0.0002i	-0.7242+0.1618i	0.2604-0.0042i	0.0130-0.0081i	-0.2363-0.0045i	-0.3355-0.0838i	0.0017+0.2430i
6.9	0.2676-0.0197i	0.0427-0.0030i	-0.8479+0.2788i	0.3345-0.0493i	0.0110+0.0117i	-0.2546-0.0064i	-0.4202-0.0542i	0.0969+0.3299i
7.0	0.3601-0.1026i	0.0452-0.0107i	-1.0095+0.5436i	0.4445-0.1665i	0.0120+0.0199i	-0.2865-0.0080i	-0.5720+0.0213i	0.2696+0.3724i
7.1	0.3846-0.2979i	0.0394-0.0132i	-0.9041+1.0158i	0.4524-0.4193i	0.0225+0.0353i	-0.3271+0.0110i	-0.6881+0.3106i	0.4945+0.2791i
7.2	0.1897-0.5041i	0.0412-0.0035i	-0.3112+1.2996i	0.1869-0.6536i	0.0578+0.0387i	-0.3174+0.0597i	-0.4551+0.7318i	0.7072+0.1893i
7.3	-0.0059-0.5341i	0.0522-0.0118i	0.1123+1.1809i	-0.0526-0.6772i	0.0616+0.0182i	-0.3013+0.0428i	-0.0939+0.7985i	0.9621-0.2597i
7.4	-0.2010-0.4313i	0.0393-0.0318i	0.3994+0.7967i	-0.2963-0.5411i	0.0647+0.0115i	-0.3522+0.0117i	0.1801+0.5507i	0.4137-0.9430i
7.5	-0.2528-0.2904i	0.0234-0.0254i	0.3768+0.4617i	-0.3591-0.3525i	0.0501-0.0076i	-0.3850+0.0358i	0.1806+0.3574i	-0.1705-0.7246i
7.6	-0.2033-0.1970i	0.0270-0.0137i	0.1721+0.2847i	-0.2866-0.2304i	0.0406-0.0019i	-0.3883+0.0513i	0.1089+0.2865i	-0.1953-0.3421i
7.7	-0.1798-0.1706i	0.0306-0.0121i	0.0775+0.2195i	-0.2534-0.1969i	0.0426+0.0120i	-0.4038+0.0348i	0.0862+0.2650i	-0.1776-0.2490i
7.8	-0.1652-0.1606i	0.0308-0.0126i	-0.0304+0.1811i	-0.2335-0.1846i	0.0499+0.0018i	-0.4623+0.0033i	0.0597+0.2654i	-0.1593-0.1981i
7.9	-0.1783-0.1593i	0.0270-0.0121i	-0.1112+0.1727i	-0.2485-0.1798i	0.0461-0.0093i	-0.5481+0.0073i	0.0632+0.2774i	-0.1288-0.1684i
8.0	-0.1921-0.1434i	0.0258-0.0083i	-0.1834+0.1723i	-0.2633-0.1572i	0.0386-0.0152i	-0.6245+0.0572i	0.0753+0.2759i	-0.1253-0.1759i
8.1	-0.1889-0.1306i	0.0299-0.0080i	-0.2769+0.1939i	-0.2571-0.1409i	0.0407-0.0160i	-0.6923+0.1110i	0.0849+0.3006i	-0.1831-0.0954i
8.2	-0.2047-0.1180i	0.0292-0.0064i	-0.3417+0.2087i	-0.2737-0.1217i	0.0245-0.0139i	-0.7564+0.1621i	0.1263+0.3124i	-0.1744-0.0267i
8.3	-0.2163-0.1028i	0.0287-0.0046i	-0.3901+0.2247i	-0.2845-0.1020i	0.0205-0.0061i	-0.7963+0.2087i	0.1620+0.3043i	-0.1442+0.0219i
8.4	-0.2275-0.0872i	0.0286-0.0029i	-0.4496+0.2551i	-0.2934-0.0798i	0.0257+0.0066i	-0.8419+0.2701i	0.2016+0.2830i	-0.0947+0.0376i
8.5	-0.2391-0.0661i	0.0277+0.0019i	-0.5477+0.2825i	-0.3035-0.0560i	0.0363-0.0031i	-0.9405+0.3252i	0.2383+0.2497i	-0.0598+0.0532i
8.6	-0.2535-0.0498i	0.0274+0.0050i	-0.6309+0.3219i	-0.3188-0.0375i	0.0317-0.0157i	-1.0273+0.3864i	0.2612+0.2169i	-0.0294+0.0653i
8.7	-0.2741-0.0299i	0.0270+0.0085i	-0.7551+0.3945i	-0.3419-0.0129i	0.0117-0.0072i	-1.1688+0.4944i	0.2765+0.1840i	0.0309+0.0720i
8.8	-0.2928-0.0035i	0.0270+0.0130i	-0.8860+0.5097i	-0.3639+0.0204i	0.0042+0.0285i	-1.3240+0.6610i	0.2868+0.1519i	0.0843+0.0699i
8.9	-0.3159+0.0416i	0.0249+0.0206i	-1.0424+0.7502i	-0.3895+0.0788i	0.0104+0.0395i	-1.5010+0.9953i	0.3002+0.0888i	0.2742+0.0303i
9.0	-0.3247+0.0940i	0.0246+0.0324i	-1.0998+1.0044i	-0.3985+0.1430i	0.0304+0.0465i	-1.5542+1.3449i	0.2798+0.0285i	0.3392-0.2042i
9.1	-0.3078+0.1451i	0.0333+0.0444i	-1.0798+1.2296i	-0.3787+0.2033i	0.0511+0.0647i	-1.4855+1.6483i	0.1998+0.0385i	0.0481-0.3906i
9.2	-0.3377+0.1996i	0.0396+0.0546i	-1.2659+1.6151i	-0.4129+0.2754i	0.0407+0.0447i	-1.7098+2.1504i	0.2259+0.0908i	-0.0669-0.2645i
9.3	-0.2655+0.3530i	0.0603+0.0685i	-0.7447+2.4613i	-0.3130+0.4661i	0.0497+0.0736i	-0.9911+3.2778i	0.2585+0.0349i	-0.1022-0.3222i
9.4	-0.1001+0.4383i	0.0856+0.0674i	0.2933+2.8136i	-0.0989+0.5653i	0.0671+0.0806i	0.4215+3.7405i	0.2469-0.0264i	-0.2826-0.3324i
9.5	0.0482+0.4018i	0.1015+0.0546i	1.1174+2.4746i	0.0872+0.5110i	0.0797+0.0664i	1.5368+3.2791i	0.2132-0.0555i	-0.4257-0.2183i
9.6	0.1223+0.2823i	0.1008+0.0382i	1.4434+1.7043i	0.1754+0.3559i	0.0758+0.0511i	1.9837+2.2418i	0.1743-0.0596i	-0.4421-0.0143i
9.7	0.1302+0.1871i	0.0969+0.0320i	1.3859+1.1242i	0.1821+0.2339i	0.1005+0.0333i	1.9208+1.4623i	0.1502-0.0490i	-0.3843+0.1446i
9.8	0.1192+0.1314i	0.0970+0.0355i	1.2365+0.8186i	0.1656+0.1657i	0.0993+0.0366i	1.7365+1.0514i	0.1392-0.0414i	-0.2874+0.2490i
9.9	0.0988+0.0959i	0.0959+0.0394i	1.0749+0.6269i	0.1388+0.1212i	0.1115+0.0522i	1.5348+0.7931i	0.1342-0.0362i	-0.1590+0.2882i
10.0	0.0800+0.0784i	0.0993+0.0463i	0.9300+0.5195i	0.1158+0.0959i	0.1110+0.0553i	1.3587+0.6458i	0.1309-0.0415i	-0.0473+0.2934i
10.1	0.0649+0.0638i	0.1059+0.0544i	0.8087+0.4442i	0.0990+0.0772i	0.1158+0.0690i	1.2165+0.5416i	0.1217-0.0551i	0.0564+0.2579i
10.2	0.0554+0.0554i	0.1138+0.0630i	0.7089+0.4136i	0.0855+0.0659i	0.1221+0.0805i	1.1032+0.4917i	0.1034-0.0687i	0.1252+0.1971i
10.3	0.0497+0.0523i	0.1214+0.0654i	0.6516+0.4209i	0.0759+0.0606i	0.1473+0.0738i	1.0392+0.4901i	0.0708-0.0696i	0.1610+0.1385i
10.4	0.0480+0.0463i	0.1299+0.0660i	0.6389+0.4251i	0.0725+0.0542i	0.1695+0.0740i	1.0248+0.4874i	0.0432-0.0552i	0.1550+0.1132i
10.5	0.0462+0.0397i	0.1402+0.0684i	0.6365+0.3919i	0.0712+0.0459i	0.1620+0.0708i	1.0324+0.4476i	0.0375-0.0364i	0.1826+0.0980i
10.6	0.0428+0.0350i	0.1472+0.0671i	0.6263+0.3474i	0.0677+0.0399i	0.1689+0.0523i	1.0380+0.3951i	0.0364-0.0239i	0.2484+0.0631i
10.7	0.0372+0.0256i	0.1604+0.0695i	0.5916+0.2861i	0.0607+0.0281i	0.1870+0.0505i	1.0177+0.3175i	0.0347-0.0120i	0.3330-0.0127i
10.8	0.0347+0.0192i	0.1761+0.0737i	0.5541+0.2334i	0.0553+0.0192i	0.1829+0.0405i	0.9944+0.2524i	0.0295-0.0052i	0.3943-0.0757i
10.9	0.0288+0.0157i	0.1865+0.0731i	0.4946+0.2010i	0.0489+0.0134i	0.1809+0.0742i	0.9499+0.2090i	0.0264+0.0005i	0.4370-0.1849i
11.0	0.0225+0.0137i	0.1958+0.0733i	0.4436+0.1937i	0.0433+0.0105i	0.2107+0.0783i	0.9094+0.1893i	0.0239+0.0065i	0.4766-0.3232i
11.1	0.0172+0.0113i	0.2039+0.0726i	0.3941+0.1836i	0.0393+0.0077i	0.2225+0.0598i	0.8829+0.1660i	0.0199+0.0134i	0.5259-0.5628i
11.2	0.0131+0.0125i	0.2162+0.0759i	0.3550+0.1783i	0.0352+0.0063i	0.2292+0.0684i	0.8631+0.1478i	0.0198+0.0262i	0.4239-0.8750i
11.3	0.0095+0.0136i	0.2286+0.0819i	0.3194+0.1762i	0.0310+0.0052i	0.2427+0.0761i	0.8452+0.1304i	0.0235+0.0369i	0.1437-1.1984i
11.4	0.0072+0.0144i	0.2477+0.0867i	0.2758+0.1679i	0.0274+0.0031i	0.2736+0.0747i	0.8240+0.1072i	0.0285+0.0453i	-0.3778-1.3366i
11.5	0.0044+0.0135i	0.2638+0.0858i	0.2437+0.1621i	0.0256+0.0014i	0.2650+0.0721i	0.8091+0.0984i	0.0330+0.0472i	-0.7624-1.2356i
11.6	-0.0003+0.0126i	0.2781+0.0832i	0.1995+0.1551i	0.0230-0.0007i	0.2748+0.0846i	0.7962+0.0891i	0.0304+0.0476i	-1.0405-0.9249i
11.7	-0.0047+0.0142i	0.2861+0.0804i	0.1552+0.1617i	0.0200-0.0015i	0.2996+0.0738i	0.7915+0.0850i	0.0262+0.0518i	-1.1243-0.7074i
11.8	-0.0072+0.0171i	0.2970+0.0852i	0.1094+0.1668i	0.0200-0.0019i	0.3095+0.1024i	0.7898+0.0826i	0.0246+0.0575i	-1.2489-0.5485i
11.9	-0.0133+0.0195i	0.3071+0.0966i	0.0483+0.1804i	0.0201-0.0033i	0.3388+0.1280i	0.7990+0.0747i	0.0147+0.0652i	-1.3607-0.3148i

12.0	-0.0181+0.0224i	0.3173+0.1135i	0.0020+0.1987i	0.0197-0.0077i	0.3568+0.1239i	0.8132+0.0691i	0.0095+0.0799i	-1.4741-0.2091i
12.1	-0.0225+0.0277i	0.3215+0.1372i	-0.0511+0.2162i	0.0217-0.0110i	0.3737+0.1309i	0.8386+0.0668i	-0.0058+0.1002i	-1.6193-0.0832i
12.2	-0.0260+0.0348i	0.3354+0.1715i	-0.0993+0.2454i	0.0230-0.0167i	0.4041+0.1737i	0.8706+0.0583i	-0.0157+0.1285i	-1.8180+0.0941i
12.3	-0.0261+0.0441i	0.3696+0.2214i	-0.1431+0.2963i	0.0226-0.0257i	0.4491+0.2028i	0.9190+0.0290i	-0.0115+0.1710i	-2.0564+0.4176i
12.4	-0.0237+0.0592i	0.4149+0.3019i	-0.1872+0.3400i	0.0237-0.0370i	0.5166+0.3063i	0.9774-0.0104i	0.0056+0.2216i	-2.2719+0.8456i
12.5	-0.0200+0.0823i	0.5008+0.4264i	-0.2365+0.3911i	0.0213-0.0555i	0.5962+0.4527i	1.0587-0.0913i	0.0474+0.2977i	-2.4291+1.5082i
12.6	-0.0058+0.1071i	0.6724+0.5505i	-0.2842+0.4403i	0.0091-0.0762i	0.7744+0.5497i	1.1161-0.2077i	0.1249+0.3651i	-2.3275+2.3001i
12.7	0.0177+0.1244i	0.8937+0.6395i	-0.3395+0.4772i	-0.0107-0.0939i	1.0400+0.6451i	1.1309-0.3331i	0.2196+0.4041i	-2.0654+3.0831i
12.8	0.0567+0.1237i	1.2133+0.5917i	-0.4016+0.5485i	-0.0453-0.0968i	1.4230+0.5820i	1.0852-0.4538i	0.3398+0.3947i	-1.3561+3.9098i
12.9	0.0963+0.1213i	1.5424+0.4918i	-0.4854+0.6272i	-0.0730-0.0889i	1.7887+0.4613i	1.0363-0.5362i	0.4700+0.3576i	-0.5111+4.3636i
13.0	0.1408+0.1034i	1.9104+0.2706i	-0.5914+0.7641i	-0.0973-0.0716i	2.2241+0.1834i	1.0222-0.5993i	0.6065+0.2882i	0.5791+4.5629i
13.1	0.1768+0.0842i	2.2376+0.0312i	-0.7002+0.9222i	-0.1107-0.0540i	2.5609-0.1202i	1.0719-0.6748i	0.7307+0.2206i	1.4614+4.8823i
13.2	0.2274+0.0483i	2.6411-0.3665i	-0.8314+1.1873i	-0.1138-0.0372i	3.0116-0.6381i	1.1581-0.8297i	0.8809+0.1055i	2.4366+5.2773i
13.3	0.2778-0.0093i	2.9663-0.9399i	-0.8906+1.5441i	-0.1059-0.0325i	3.3654-1.3398i	1.2116-1.0728i	1.0327-0.0890i	3.7893+5.3762i
13.4	0.3597-0.1325i	3.3718-2.1051i	-0.8719+2.2391i	-0.0884-0.0382i	3.8199-2.7162i	1.2313-1.5938i	1.1850-0.5307i	6.1174+5.3503i
13.5	0.3280-0.2850i	2.9440-3.2745i	-0.3862+2.7492i	-0.1044-0.0668i	3.2648-4.0828i	0.8588-2.0787i	1.0611-0.9432i	9.0446+2.9607i
13.6	0.1147-0.5339i	1.0702-4.7253i	0.9185+3.1040i	-0.1837-0.1053i	0.9327-5.6976i	-0.2287-2.3971i	0.5164-1.5029i	10.2238-3.6958i
13.7	-0.2075-0.5267i	-0.9415-4.2305i	1.8842+2.4174i	-0.2825-0.0621i	-1.4098-4.9749i	-1.0290-1.7953i	-0.2085-1.4739i	6.2989-7.4231i
13.8	-0.3890-0.3838i	-1.7568-3.1096i	2.0813+1.6580i	-0.3315+0.0030i	-2.3034-3.6452i	-1.1881-1.1175i	-0.6036-1.1522i	2.6191-7.4551i
13.9	-0.4690-0.2117i	-1.8862-2.1649i	1.9743+1.1411i	-0.3565+0.0796i	-2.4263-2.5422i	-1.0477-0.6571i	-0.7716-0.8119i	0.2686-6.1044i
14.0	-0.4859-0.0878i	-1.7450-1.6792i	1.8410+0.9078i	-0.3676+0.1465i	-2.2715-1.9559i	-0.8430-0.4876i	-0.7932-0.6039i	-0.4605-4.9906i
14.1	-0.4708+0.0768i	-1.5453-1.3208i	1.7294+0.6906i	-0.3568+0.2651i	-2.0250-1.5314i	-0.6151-0.5208i	-0.7793-0.4060i	-0.8768-4.0231i
14.2	-0.4204+0.2949i	-1.3879-0.9990i	1.6232+0.3840i	-0.3065+0.4385i	-1.8333-1.1603i	-0.4869-0.7535i	-0.7432-0.2085i	-1.4622-3.1412i
14.3	-0.2653+0.4781i	-1.2804-0.8086i	1.4267+0.1231i	-0.1553+0.5930i	-1.6955-0.9525i	-0.7295-1.0100i	-0.7057-0.0917i	-1.7389-2.6459i
14.4	-0.0167+0.4902i	-1.1846-0.6921i	1.1058+0.0413i	0.0815+0.5868i	-1.5749-0.8108i	-1.2408-0.9350i	-0.6718-0.0458i	-1.8895-2.2068i
14.5	0.1695+0.3881i	-1.1049-0.5857i	0.8321+0.1042i	0.2557+0.4707i	-1.4706-0.6832i	-1.6309-0.5674i	-0.6875-0.0161i	-2.1197-1.7198i
14.6	0.2194+0.2206i	-0.9986-0.5073i	0.6892+0.3181i	0.2890+0.2993i	-1.3407-0.5829i	-1.6774+0.0205i	-0.7397+0.0639i	-2.1577-1.0105i
14.7	0.2146+0.0915i	-0.9101-0.4542i	0.6896+0.5590i	0.2766+0.1765i	-1.2386-0.5268i	-1.5087+0.6059i	-0.8410+0.2237i	-2.0761-0.2587i
14.8	0.1967+0.0157i	-0.8505-0.4347i	0.7975+0.7248i	0.2620+0.1075i	-1.1694-0.4830i	-1.2122+1.0259i	-0.9201+0.4127i	-1.6747+0.2418i
14.9	0.1532-0.0370i	-0.8079-0.4223i	1.0056+0.7670i	0.2305+0.0570i	-1.1441-0.4585i	-0.6993+1.2220i	-0.8688+0.7249i	-0.9393+0.4177i
15.0	0.0883-0.0693i	-0.7698-0.4188i	1.2130+0.6049i	0.1792+0.0139i	-1.1147-0.4637i	-0.1235+1.0270i	-0.5595+1.0807i	-0.2484-0.1675i
15.1	0.0353-0.0856i	-0.7934-0.4191i	1.2675+0.4060i	0.1338-0.0149i	-1.1323-0.4265i	0.1392+0.7608i	-0.0854+1.2926i	-0.3369-0.8497i
15.2	-0.0016-0.0757i	-0.8180-0.3822i	1.2292+0.2737i	0.0964-0.0174i	-1.1249-0.3960i	0.2124+0.5309i	0.3310+1.1503i	-0.7875-1.0889i
15.3	-0.0251-0.0490i	-0.8045-0.3029i	1.1357+0.1810i	0.0687-0.0026i	-1.0814-0.3159i	0.1740+0.3204i	0.5448+0.7463i	-1.1798-0.8585i
15.4	-0.0277-0.0254i	-0.7594-0.2337i	1.0569+0.1348i	0.0603+0.0120i	-1.0596-0.2626i	0.1042+0.1981i	0.5131+0.4410i	-1.2616-0.5063i
15.5	-0.0244-0.0117i	-0.7208-0.1926i	0.9981+0.1034i	0.0577+0.0192i	-1.0328-0.2188i	0.0363+0.1301i	0.4400+0.2845i	-1.2275-0.2727i
15.6	-0.0255-0.0062i	-0.6949-0.1614i	0.9544+0.0793i	0.0515+0.0222i	-1.0240-0.1856i	-0.0232+0.0935i	0.3909+0.2071i	-1.2243-0.0987i
15.7	-0.0264-0.0014i	-0.6578-0.1424i	0.9059+0.0737i	0.0461+0.0256i	-0.9667-0.1602i	-0.0861+0.0804i	0.3476+0.1557i	-1.2776+0.1092i
15.8	-0.0230-0.0026i	-0.6215-0.1205i	0.8672+0.0562i	0.0468+0.0231i	-0.9160-0.1277i	-0.1238+0.0764i	0.2934+0.1032i	-1.1295+0.2243i
15.9	-0.0224-0.0021i	-0.5872-0.1120i	0.8300+0.0561i	0.0455+0.0228i	-0.8898-0.1207i	-0.1594+0.0859i	0.2463+0.0957i	-1.0529+0.3364i
16.0	-0.0237-0.0005i	-0.5559-0.0998i	0.7901+0.0624i	0.0441+0.0238i	-0.8622-0.0970i	-0.2019+0.1169i	0.2149+0.0863i	-0.9704+0.4767i
16.1	-0.0256+0.0023i	-0.5312-0.0910i	0.7781+0.0637i	0.0435+0.0244i	-0.8338-0.0971i	-0.2199+0.1352i	0.2036+0.0718i	-0.9121+0.5738i
16.2	-0.0257+0.0050i	-0.5031-0.0885i	0.7686+0.0528i	0.0432+0.0225i	-0.8149-0.1151i	-0.2275+0.1480i	0.1664+0.0385i	-0.7958+0.6604i
16.3	-0.0249+0.0068i	-0.4777-0.0906i	0.7523+0.0340i	0.0421+0.0207i	-0.8188-0.1063i	-0.2516+0.1632i	0.1214+0.0328i	-0.7335+0.7032i
16.4	-0.0253+0.0040i	-0.4551-0.0973i	0.7165+0.0084i	0.0406+0.0137i	-0.8008-0.0991i	-0.2700+0.1885i	0.0760+0.0581i	-0.6520+0.8297i
16.5	-0.0251+0.0001i	-0.4410-0.1116i	0.6838-0.0139i	0.0377+0.0067i	-0.7799-0.0945i	-0.2864+0.2260i	0.0653+0.0857i	-0.5358+1.1024i
16.6	-0.0276-0.0035i	-0.4461-0.1336i	0.6260-0.0261i	0.0280+0.0031i	-0.7850-0.0995i	-0.2932+0.2778i	0.0759+0.0910i	-0.1341+1.3148i
16.7	-0.0330-0.0051i	-0.4584-0.1269i	0.5620-0.0001i	0.0160+0.0064i	-0.7867-0.1043i	-0.2773+0.3230i	0.0467+0.1172i	0.3198+1.0734i
16.8	-0.0366-0.0037i	-0.4643-0.1040i	0.5198+0.0538i	0.0098+0.0134i	-0.7903-0.0952i	-0.2279+0.3684i	0.0652+0.1766i	0.5709+0.6233i
16.9	-0.0413-0.0022i	-0.4561-0.0828i	0.5337+0.0824i	0.0077+0.0172i	-0.7863-0.0741i	-0.1837+0.3395i	0.1458+0.1569i	0.5699+0.4692i
17.0	-0.0443+0.0041i	-0.4380-0.0689i	0.5204+0.0762i	0.0027+0.0212i	-0.7712-0.0479i	-0.1886+0.3276i	0.1410+0.0659i	0.6249+0.2268i
17.1	-0.0444+0.0086i	-0.4168-0.0593i	0.4682+0.1001i	0.0003+0.0267i	-0.7638-0.0345i	-0.1856+0.3165i	0.0184+0.0711i	0.4497-0.0791i
17.2	-0.0459+0.0070i	-0.3993-0.0612i	0.4830+0.1835i	0.0006+0.0327i	-0.7502-0.0257i	-0.2037+0.3247i	0.0003+0.1781i	0.3136-0.0602i
17.3	-0.0472+0.0095i	-0.3959-0.0633i	0.5298+0.1992i	0.0018+0.0377i	-0.7504-0.0331i	-0.2225+0.3503i	0.0226+0.2294i	0.4036-0.1317i
17.4	-0.0489+0.0123i	-0.3921-0.0597i	0.5489+0.1705i	0.0047+0.0400i	-0.7720-0.0582i	-0.2130+0.3757i	0.0874+0.2473i	0.2561-0.3855i
17.5	-0.0527+0.0132i	-0.3795-0.0531i	0.5226+0.1472i	0.0028+0.0399i	-0.7436-0.0499i	-0.1649+0.3714i	0.1228+0.1556i	-0.2699-0.4406i
17.6	-0.0539+0.0158i	-0.3698-0.0561i	0.5152+0.1659i	0.0003+0.0448i	-0.7333-0.0370i	-0.1766+0.3531i	0.0627+0.1723i	-0.3718-0.2052i
17.7	-0.0545+0.0181i	-0.3616-0.0577i	0.5322+0.1669i	0.0021+0.0517i	-0.7344-0.0262i	-0.1980+0.3722i	0.0442+0.2328i	-0.3596-0.0650i
17.8	-0.0548+0.0196i	-0.3533-0.0581i	0.5353+0.1452i	0.0061+0.0554i	-0.7396-0.0280i	-0.1950+0.4124i	0.0551+0.2691i	-0.3645+0.0430i
17.9	-0.0562+0.0224i	-0.3478-0.0567i	0.5078+0.1286i	0.0096+0.0586i	-0.7676-0.0154i	-0.1531+0.4302i	0.0951+0.3334i	-0.2798+0.1557i
18.0	-0.0574+0.0253i	-0.3443-0.0552i	0.4994+0.1316i	0.0148+0.0629i	-0.7675-0.0362i	-0.1193+0.4031i	0.1595+0.3575i	-0.2047+0.2240i
18.1	-0.0571+0.0284i	-0.3422-0.0562i	0.4934+0.1252i	0.0221+0.0688i	-0.7723-0.0318i	-0.1088+0.3527i	0.2422+0.3635i	-0.1524+0.2148i
18.2	-0.0545+0.0349i	-0.3354-0.0512i	0.4860+0.1053i	0.0301+0.0692i	-0.7892-0.0345i	-0.1356+0.3063i	0.2916+0.3311i	-0.1414+0.1807i

18.3	-0.0495+0.0351i	-0.3310-0.0482i	0.4672+0.0666i	0.0412+0.0634i	-0.8037+0.0074i	-0.2000+0.2621i	0.3246+0.2648i	-0.1138+0.1639i
18.4	-0.0469+0.0301i	-0.3251-0.0460i	0.4204+0.0392i	0.0486+0.0523i	-0.7888+0.0167i	-0.2970+0.2531i	0.3373+0.2279i	-0.0989+0.1622i
18.5	-0.0450+0.0182i	-0.3136-0.0365i	0.3211-0.0037i	0.0527+0.0269i	-0.7872+0.0319i	-0.4894+0.2959i	0.3321+0.1778i	-0.1191+0.1572i
18.6	-0.0657+0.0056i	-0.2985-0.0536i	0.1596+0.0761i	0.0151+0.0090i	-0.8017+0.0122i	-0.5613+0.5966i	0.2924+0.1754i	-0.1033+0.1719i
18.7	-0.0869+0.0207i	-0.3058-0.0722i	0.1360+0.2427i	-0.0137+0.0429i	-0.8346+0.0053i	-0.3354+0.7754i	0.2992+0.2156i	-0.0780+0.1610i
18.8	-0.0848+0.0392i	-0.3193-0.0679i	0.1853+0.3254i	-0.0023+0.0743i	-0.8407+0.0226i	-0.1808+0.7072i	0.3318+0.1946i	-0.0835+0.1525i
18.9	-0.0775+0.0469i	-0.3217-0.0524i	0.2080+0.3693i	0.0136+0.0848i	-0.8497+0.0336i	-0.1556+0.6608i	0.3333+0.1768i	-0.0691+0.1687i
19.0	-0.0758+0.0526i	-0.3199-0.0351i	0.2343+0.4183i	0.0257+0.0914i	-0.9016+0.0553i	-0.1249+0.6368i	0.3403+0.1688i	-0.0389+0.1678i
19.1	-0.0767+0.0568i	-0.3164-0.0234i	0.2748+0.4599i	0.0419+0.0938i	-0.9237+0.1094i	-0.1074+0.6075i	0.3313+0.1609i	-0.0037+0.1487i
19.2	-0.0751+0.0580i	-0.3087-0.0195i	0.2981+0.4820i	0.0503+0.0932i	-0.9235+0.1249i	-0.1072+0.5926i	0.3310+0.1720i	-0.0091+0.1323i
19.3	-0.0750+0.0632i	-0.2977-0.0091i	0.3231+0.5151i	0.0573+0.0945i	-0.9477+0.1487i	-0.1054+0.5899i	0.3491+0.1788i	-0.0014+0.1107i
19.4	-0.0748+0.0676i	-0.2876+0.0011i	0.3460+0.5446i	0.0649+0.0955i	-0.9705+0.1864i	-0.1052+0.5920i	0.3714+0.1841i	-0.0083+0.0980i
19.5	-0.0736+0.0745i	-0.2702+0.0117i	0.3845+0.5678i	0.0755+0.0981i	-0.9666+0.2267i	-0.0984+0.5863i	0.3970+0.1813i	-0.0341+0.0816i
19.6	-0.0677+0.0828i	-0.2378+0.0191i	0.4369+0.5733i	0.0940+0.0937i	-0.9570+0.2296i	-0.0893+0.5558i	0.4314+0.1567i	-0.0530+0.0764i
19.7	-0.0649+0.0847i	-0.2163+0.0150i	0.4716+0.5638i	0.1096+0.0862i	-0.9907+0.2762i	-0.1005+0.5299i	0.4527+0.1364i	-0.0713+0.0617i
19.8	-0.0610+0.0890i	-0.1892+0.0113i	0.4932+0.5630i	0.1235+0.0786i	-0.9878+0.3324i	-0.1443+0.5069i	0.4777+0.1155i	-0.0946+0.0783i
19.9	-0.0562+0.0921i	-0.1750+0.0063i	0.5130+0.5587i	0.1334+0.0702i	-0.9844+0.3554i	-0.1879+0.4955i	0.4944+0.0813i	-0.0703+0.1050i
20.0	-0.0502+0.0941i	-0.1417-0.0111i	0.5217+0.5526i	0.1406+0.0537i	-0.9660+0.3842i	-0.2522+0.5108i	0.4958+0.0392i	-0.0786+0.1159i
20.1	-0.0455+0.0932i	-0.1063-0.0345i	0.5271+0.5596i	0.1470+0.0404i	-0.9226+0.4103i	-0.3124+0.5523i	0.4997+0.0070i	-0.0694+0.1247i
20.2	-0.0431+0.0904i	-0.0810-0.0721i	0.5321+0.5663i	0.1481+0.0277i	-0.8785+0.4228i	-0.3412+0.6151i	0.4931-0.0147i	-0.0669+0.1365i
20.3	-0.0419+0.0872i	-0.0680-0.1157i	0.5400+0.5752i	0.1489+0.0170i	-0.8823+0.4299i	-0.3560+0.6733i	0.4940-0.0418i	-0.0571+0.1433i
20.4	-0.0445+0.0876i	-0.0683-0.1663i	0.5588+0.5877i	0.1547+0.0047i	-0.9447+0.4242i	-0.3564+0.7311i	0.4802-0.0689i	-0.0604+0.1529i
20.5	-0.0475+0.0883i	-0.0460-0.2135i	0.5787+0.5982i	0.1646-0.0076i	-0.9616+0.4446i	-0.3687+0.7710i	0.4755-0.0894i	-0.0716+0.1596i
20.6	-0.0489+0.0918i	-0.0412-0.2689i	0.5884+0.5999i	0.1703-0.0293i	-0.9645+0.4828i	-0.3730+0.8223i	0.4697-0.1049i	-0.0437+0.1658i
20.7	-0.0461+0.0952i	-0.0785-0.3355i	0.5952+0.6028i	0.1604-0.0543i	-0.9603+0.5501i	-0.3825+0.8773i	0.4676-0.1169i	-0.0435+0.1685i
20.8	-0.0423+0.0978i	-0.1379-0.3852i	0.6110+0.6195i	0.1482-0.0644i	-0.9575+0.5466i	-0.3598+0.9324i	0.4675-0.1393i	-0.0207+0.1827i
20.9	-0.0354+0.1007i	-0.2159-0.4518i	0.6096+0.6262i	0.1293-0.0847i	-0.9398+0.5661i	-0.3625+0.9659i	0.4642-0.1726i	-0.0058+0.1822i
21.0	-0.0319+0.0986i	-0.2776-0.4851i	0.6088+0.6443i	0.1153-0.0983i	-0.9122+0.5770i	-0.3868+1.0161i	0.4527-0.1910i	-0.0085+0.1862i
21.1	-0.0308+0.0956i	-0.3418-0.4901i	0.6145+0.6914i	0.1013-0.1071i	-0.9371+0.6044i	-0.3993+1.1161i	0.4243-0.2174i	-0.0123+0.1706i
21.2	-0.0313+0.0901i	-0.4236-0.4875i	0.6280+0.7415i	0.0850-0.1134i	-0.9497+0.6374i	-0.4050+1.2230i	0.4087-0.2347i	0.0174+0.1549i
21.3	-0.0370+0.0879i	-0.4937-0.4856i	0.6752+0.8089i	0.0682-0.1126i	-0.9607+0.6154i	-0.3553+1.3377i	0.3884-0.2558i	0.0202+0.1524i
21.4	-0.0449+0.0930i	-0.5597-0.4717i	0.7649+0.8722i	0.0547-0.1064i	-0.9854+0.5964i	-0.2461+1.4571i	0.3514-0.2758i	0.0156+0.1581i
21.5	-0.0523+0.0936i	-0.6372-0.3973i	0.8751+0.8655i	0.0554-0.0932i	-1.1095+0.6363i	-0.1370+1.4908i	0.3178-0.2768i	0.0110+0.1497i
21.6	-0.0551+0.0908i	-0.6897-0.3431i	0.9210+0.8582i	0.0551-0.0861i	-1.1679+0.6481i	-0.0906+1.5370i	0.2941-0.2859i	0.0221+0.1487i
21.7	-0.0592+0.0999i	-0.7273-0.3065i	0.9950+0.8525i	0.0507-0.0902i	-1.2013+0.7154i	-0.0026+1.5764i	0.2617-0.2870i	0.0239+0.1493i
21.8	-0.0599+0.1053i	-0.7820-0.2371i	1.0746+0.8086i	0.0538-0.0871i	-1.2855+0.7916i	0.0588+1.5585i	0.2438-0.2445i	0.0016+0.1377i
21.9	-0.0674+0.1175i	-0.8173-0.1694i	1.1677+0.7784i	0.0572-0.0920i	-1.3788+0.9506i	0.1720+1.5772i	0.2305-0.2305i	-0.0051+0.1581i
22.0	-0.0769+0.1280i	-0.8423-0.0726i	1.2334+0.7408i	0.0621-0.0963i	-1.4847+1.1313i	0.2324+1.6286i	0.2109-0.2302i	-0.0020+0.1759i
22.1	-0.0805+0.1411i	-0.8732-0.0027i	1.3155+0.6841i	0.0694-0.0907i	-1.5920+1.2605i	0.3204+1.5806i	0.1950-0.2135i	0.0007+0.1845i
22.2	-0.0753+0.1563i	-0.8892+0.0840i	1.3634+0.6199i	0.0670-0.1043i	-1.5689+1.5057i	0.3734+1.5971i	0.1948-0.1985i	0.0052+0.2181i
22.3	-0.0721+0.1756i	-0.9014+0.1926i	1.4109+0.5253i	0.0770-0.1227i	-1.5993+1.8094i	0.4059+1.5933i	0.1944-0.2140i	0.0258+0.2311i
22.4	-0.0627+0.1960i	-0.8592+0.2890i	1.4132+0.4479i	0.0647-0.1463i	-1.4968+2.1668i	0.4708+1.6461i	0.1697-0.2107i	0.0399+0.2456i
22.5	-0.0476+0.2172i	-0.8153+0.4192i	1.4156+0.3452i	0.0525-0.1725i	-1.3449+2.5384i	0.5322+1.6743i	0.1709-0.1888i	0.0696+0.2578i
22.6	-0.0306+0.2365i	-0.7602+0.5551i	1.4113+0.2505i	0.0375-0.1935i	-1.1014+2.8951i	0.6043+1.7023i	0.1826-0.1766i	0.1040+0.2618i
22.7	-0.0012+0.2536i	-0.6322+0.6394i	1.3772+0.1765i	0.0018-0.2179i	-0.6198+3.2065i	0.7514+1.7215i	0.1813-0.1743i	0.1479+0.2539i
22.8	0.0343+0.2534i	-0.4806+0.6879i	1.3136+0.1222i	-0.0414-0.2184i	-0.0356+3.2702i	0.8727+1.6881i	0.1753-0.1793i	0.1758+0.2245i
22.9	0.0697+0.2451i	-0.3071+0.6936i	1.2526+0.0911i	-0.0832-0.2159i	0.5331+3.1974i	0.9978+1.6390i	0.1589-0.1778i	0.1960+0.2058i
23.0	0.0989+0.2214i	-0.1500+0.6155i	1.2033+0.1126i	-0.1194-0.1922i	1.0792+2.8640i	1.1107+1.5866i	0.1281-0.1762i	0.2044+0.1872i
23.1	0.1180+0.2015i	-0.0234+0.5359i	1.2046+0.1253i	-0.1448-0.1677i	1.4884+2.5670i	1.2843+1.4843i	0.0926-0.1412i	0.2297+0.1677i
23.2	0.1263+0.1774i	0.0324+0.4352i	1.2101+0.1092i	-0.1614-0.1352i	1.6608+2.1417i	1.3529+1.3057i	0.0944-0.0991i	0.2369+0.1309i
23.3	0.1266+0.1578i	0.0479+0.3722i	1.1952+0.0870i	-0.1596-0.1106i	1.6545+1.7920i	1.3044+1.1787i	0.1092-0.0879i	0.2336+0.1100i
23.4	0.1263+0.1393i	0.0855+0.2749i	1.1889+0.0690i	-0.1649-0.0855i	1.7263+1.4632i	1.2899+1.0580i	0.1133-0.0495i	0.2294+0.0876i
23.5	0.1225+0.1272i	0.0653+0.1970i	1.1905+0.0573i	-0.1647-0.0626i	1.6666+1.1778i	1.2508+0.9795i	0.1411-0.0148i	0.2261+0.0720i
23.6	0.1193+0.1167i	0.0511+0.1514i	1.1821+0.0358i	-0.1607-0.0473i	1.6108+0.9625i	1.2132+0.9234i	0.1642+0.0137i	0.2179+0.0559i
23.7	0.1140+0.1086i	0.0387+0.1063i	1.1788+0.0138i	-0.1568-0.0333i	1.5350+0.8190i	1.1804+0.8779i	0.1678+0.0311i	0.2079+0.0370i
23.8	0.1114+0.1020i	0.0282+0.0602i	1.1599-0.0041i	-0.1494-0.0189i	1.4396+0.6511i	1.1336+0.8346i	0.2150+0.0283i	0.1962+0.0090i
23.9	0.1097+0.0990i	0.0058+0.0380i	1.1479-0.0135i	-0.1465-0.0082i	1.3589+0.5675i	1.1002+0.8161i	0.2485+0.0415i	0.1864-0.0016i
24.0	0.1080+0.0936i	-0.0072+0.0128i	1.1289-0.0177i	-0.1386+0.0022i	1.2546+0.4637i	1.0453+0.8150i	0.2819+0.0532i	0.1581-0.0086i
24.1	0.1061+0.0874i	-0.0240+0.0055i	1.1198-0.0283i	-0.1335+0.0052i	1.2049+0.4256i	1.0206+0.8298i	0.2989+0.0277i	0.1517-0.0069i
24.2	0.1055+0.0822i	-0.0389-0.0152i	1.1138-0.0425i	-0.1272+0.0100i	1.1439+0.3291i	0.9998+0.8400i	0.3080+0.0013i	0.1481-0.0050i
24.3	0.1033+0.0768i	-0.0530-0.0244i	1.1078-0.0516i	-0.1210+0.0154i	1.0703+0.2861i	1.0030+0.8582i	0.3128+0.0148i	0.1436+0.0001i
24.4	0.1000+0.0731i	-0.0629-0.0330i	1.0979-0.0610i	-0.1180+0.0182i	1.0043+0.2306i	0.9925+0.8644i	0.3308+0.0300i	0.1390-0.0011i
24.5	0.0956+0.0669i	-0.0670-0.0471i	1.0829-0.0586i	-0.1158+0.0198i	0.9695+0.1675i	0.9840+0.8989i	0.4394+0.0671i	0.1301+0.0039i

24.6	0.0922+0.0618i	-0.0748-0.0494i	1.0813-0.0532i	-0.1163+0.0213i	0.9055+0.1498i	1.0046+0.9268i	0.5514+0.0502i	0.1211+0.0159i
24.7	0.0879+0.0607i	-0.0837-0.0477i	1.0873-0.0546i	-0.1178+0.0272i	0.8743+0.1278i	1.0561+0.9478i	0.5950-0.0559i	0.1284+0.0209i
24.8	0.0836+0.0583i	-0.0872-0.0589i	1.0923-0.0560i	-0.1188+0.0331i	0.8379+0.1269i	1.1212+0.9510i	0.6118-0.2038i	0.1359+0.0220i
24.9	0.0800+0.0568i	-0.0938-0.0674i	1.0958-0.0697i	-0.1197+0.0369i	0.8029+0.1282i	1.1556+0.9064i	0.5565-0.2932i	0.1406+0.0259i
25.0	0.0744+0.0582i	-0.0915-0.0837i	1.0915-0.0709i	-0.1205+0.0472i	0.7657+0.0742i	1.1501+0.8610i	0.4862-0.3001i	0.1389+0.0353i
25.1	0.0697+0.0571i	-0.0771-0.0616i	1.0890-0.0685i	-0.1132+0.0613i	0.7245+0.0713i	1.1645+0.8455i	0.4526-0.3296i	0.1318-0.0062i
25.2	0.0678+0.0579i	-0.0869-0.0679i	1.1055-0.0736i	-0.1082+0.0678i	0.6839+0.0597i	1.1653+0.8078i	0.4349-0.3719i	0.1301-0.0222i
25.3	0.0675+0.0589i	-0.0969-0.0725i	1.1201-0.0808i	-0.1057+0.0732i	0.6660+0.0404i	1.1359+0.7944i	0.3778-0.4238i	0.1309-0.0193i
25.4	0.0647+0.0592i	-0.0758-0.0892i	1.1421-0.0928i	-0.0986+0.0806i	0.6537+0.0190i	1.1197+0.8108i	0.2701-0.3818i	0.1308-0.0285i
25.5	0.0587+0.0585i	-0.0690-0.1015i	1.1609-0.1117i	-0.0947+0.0817i	0.6333+0.0008i	1.1407+0.8196i	0.2390-0.3176i	0.1268-0.0285i
25.6	0.0540+0.0594i	-0.0613-0.1171i	1.1762-0.1423i	-0.0896+0.0852i	0.6049-0.0248i	1.1522+0.8205i	0.2419-0.2775i	0.1327-0.0239i
25.7	0.0482+0.0623i	-0.0507-0.1430i	1.1980-0.1806i	-0.0801+0.0946i	0.6205-0.0486i	1.1454+0.8149i	0.2629-0.2656i	0.1382-0.0320i
25.8	0.0469+0.0660i	-0.0525-0.1627i	1.2038-0.2063i	-0.0697+0.1027i	0.5831-0.0792i	1.1268+0.8230i	0.2417-0.2648i	0.1201-0.0583i
25.9	0.0485+0.0719i	-0.0521-0.1951i	1.2199-0.2332i	-0.0556+0.1076i	0.5737-0.0912i	1.1425+0.8798i	0.2667-0.2463i	0.1136-0.0414i
26.0	0.0461+0.0756i	-0.0497-0.2214i	1.2528-0.2611i	-0.0411+0.1093i	0.5233-0.1013i	1.1807+0.8967i	0.3110-0.2491i	0.1059-0.0413i
26.1	0.0444+0.0806i	-0.0484-0.2540i	1.2747-0.3250i	-0.0263+0.1036i	0.4877-0.1218i	1.2141+0.8954i	0.2989-0.2678i	0.1045-0.0606i
26.2	0.0475+0.0863i	-0.0687-0.2912i	1.2653-0.3995i	-0.0139+0.0932i	0.4425-0.1505i	1.2358+0.8774i	0.2878-0.2574i	0.1165-0.0457i
26.3	0.0499+0.0907i	-0.0897-0.3317i	1.2270-0.4873i	-0.0047+0.0820i	0.3731-0.2035i	1.2494+0.9000i	0.2738-0.2221i	0.0777-0.0328i
26.4	0.0519+0.0918i	-0.1167-0.3517i	1.1768-0.5264i	-0.0040+0.0700i	0.3416-0.1913i	1.2733+0.9191i	0.2808-0.1870i	0.0673-0.0173i
26.5	0.0516+0.0943i	-0.1460-0.3843i	1.1480-0.5824i	-0.0014+0.0576i	0.3219-0.1619i	1.2902+0.9492i	0.3219-0.1974i	0.0894-0.0272i
26.6	0.0496+0.1015i	-0.1762-0.4155i	1.1112-0.6226i	-0.0039+0.0489i	0.2992-0.1731i	1.3262+0.9921i	0.3207-0.2588i	0.0845-0.0409i
26.7	0.0526+0.1062i	-0.2152-0.4264i	1.0344-0.6458i	-0.0068+0.0455i	0.2799-0.1902i	1.4030+1.0178i	0.2813-0.2764i	0.0650-0.0458i
26.8	0.0534+0.1112i	-0.2418-0.4539i	0.9934-0.6659i	-0.0085+0.0419i	0.2524-0.1974i	1.4851+1.0409i	0.3310-0.2124i	0.0797-0.0072i
26.9	0.0550+0.1187i	-0.2844-0.4910i	0.9469-0.6945i	-0.0133+0.0346i	0.1760-0.1879i	1.5842+1.0444i	0.3497-0.2344i	0.0576-0.0021i
27.0	0.0627+0.1259i	-0.3444-0.5030i	0.8791-0.7315i	-0.0174+0.0274i	0.1637-0.1708i	1.6732+1.0301i	0.3312-0.2735i	0.0469+0.0089i
27.1	0.0705+0.1333i	-0.4004-0.5217i	0.8162-0.7597i	-0.0217+0.0180i	0.1102-0.1588i	1.7498+1.0263i	0.3190-0.2853i	0.0318+0.0245i
27.2	0.0801+0.1371i	-0.4662-0.5279i	0.7352-0.7720i	-0.0296+0.0118i	0.0672-0.1377i	1.8480+1.0153i	0.3156-0.2932i	0.0500+0.0484i
27.3	0.0888+0.1411i	-0.5517-0.5303i	0.6407-0.7776i	-0.0416+0.0045i	0.0231-0.1238i	1.9804+1.0013i	0.3506-0.3079i	0.1195+0.0577i
27.4	0.0975+0.1452i	-0.6348-0.5149i	0.5470-0.7606i	-0.0570+0.0019i	-0.0121-0.1081i	2.1120+0.9427i	0.3303-0.3488i	0.1306+0.0206i
27.5	0.1110+0.1449i	-0.7151-0.4404i	0.4613-0.6903i	-0.0731+0.0135i	-0.0491-0.0288i	2.2437+0.8042i	0.2466-0.3543i	0.1069-0.0117i
27.6	0.1243+0.1434i	-0.7886-0.3583i	0.3778-0.6077i	-0.0895+0.0269i	-0.0651+0.0482i	2.3559+0.6503i	0.1997-0.3843i	0.1083-0.0521i
27.7	0.1336+0.1360i	-0.7941-0.2706i	0.3472-0.5221i	-0.0904+0.0431i	0.0012+0.1261i	2.3687+0.4808i	0.2546-0.3362i	0.1346-0.0242i
27.8	0.1424+0.1325i	-0.8067-0.2131i	0.3215-0.4614i	-0.0906+0.0531i	0.0065+0.1651i	2.3960+0.3402i	0.2544-0.3278i	0.1368-0.0303i
27.9	0.1493+0.1307i	-0.8173-0.1527i	0.3019-0.3904i	-0.0976+0.0647i	0.0279+0.1896i	2.4279+0.1931i	0.2197-0.3354i	0.1216-0.0505i
28.0	0.1528+0.1293i	-0.7825-0.0955i	0.3131-0.3085i	-0.0953+0.0824i	0.1001+0.2164i	2.3884+0.0148i	0.2261-0.2982i	0.1140-0.0536i
28.1	0.1599+0.1293i	-0.7582-0.0632i	0.3217-0.2410i	-0.0863+0.1017i	0.1269+0.2307i	2.2971-0.0932i	0.2520-0.3055i	0.1256-0.0608i
28.2	0.1761+0.1323i	-0.7302-0.0411i	0.3604-0.1423i	-0.0605+0.1242i	0.1613+0.2157i	2.1965-0.1639i	0.2408-0.2497i	0.1270-0.0538i
28.3	0.1914+0.1206i	-0.6971-0.0250i	0.4380-0.1213i	-0.0305+0.1145i	0.1870+0.2365i	2.1516-0.2129i	0.2408-0.1308i	0.1174-0.0503i
28.4	0.1936+0.1034i	-0.6648-0.0153i	0.4811-0.1331i	-0.0173+0.0933i	0.2326+0.2217i	2.1033-0.2803i	0.3073-0.0803i	0.0956-0.0416i
28.5	0.1945+0.0930i	-0.6529-0.0017i	0.5048-0.1057i	-0.0148+0.0875i	0.2689+0.1970i	2.0678-0.3267i	0.3254-0.1491i	0.0848-0.0538i
28.6	0.1949+0.0881i	-0.6494+0.0129i	0.5274-0.0948i	-0.0164+0.0874i	0.2654+0.1902i	2.0585-0.3835i	0.2957-0.1430i	0.0846-0.0780i
28.7	0.1977+0.0838i	-0.6392+0.0090i	0.5581-0.0886i	-0.0106+0.0844i	0.2754+0.1293i	2.0375-0.4288i	0.3082-0.0411i	0.0773-0.0499i
28.8	0.2011+0.0797i	-0.6475+0.0146i	0.5848-0.0754i	-0.0083+0.0817i	0.2443+0.1199i	2.0069-0.5313i	0.2800-0.1142i	0.0902-0.0975i
28.9	0.2045+0.0759i	-0.6544+0.0080i	0.6006-0.0675i	-0.0094+0.0754i	0.2416+0.0994i	1.9457-0.5823i	0.3041-0.0583i	0.0820-0.0976i
29.0	0.2093+0.0734i	-0.6505-0.0185i	0.6174-0.0892i	-0.0094+0.0597i	0.2681+0.0956i	1.8466-0.6513i	0.4604+0.0829i	0.0539-0.0566i
29.1	0.2128+0.0701i	-0.6574-0.0289i	0.6368-0.0988i	-0.0105+0.0534i	0.2846+0.0842i	1.7842-0.7250i	0.6572+0.1166i	0.0539-0.0421i
29.2	0.2190+0.0669i	-0.6829-0.0374i	0.6522-0.0823i	-0.0141+0.0483i	0.2630+0.0703i	1.7436-0.7610i	0.7464+0.0364i	0.0605-0.0515i
29.3	0.2275+0.0565i	-0.7165-0.0115i	0.6717-0.0669i	-0.0188+0.0493i	0.2926+0.0709i	1.6813-0.8304i	0.6759-0.0634i	0.0564-0.0893i
29.4	0.2350+0.0519i	-0.7430-0.0078i	0.6938-0.0619i	-0.0236+0.0475i	0.2439+0.0490i	1.6415-0.8603i	0.7088-0.1131i	0.0652-0.1012i
29.5	0.2432+0.0443i	-0.7649+0.0049i	0.7131-0.0571i	-0.0291+0.0462i	0.2340+0.0326i	1.5699-0.9193i	0.7595-0.1529i	0.0648-0.1116i
29.6	0.2482+0.0364i	-0.7914+0.0122i	0.7213-0.0609i	-0.0386+0.0444i	0.2293+0.0380i	1.4465-0.9034i	0.9199-0.2192i	0.0683-0.0901i
29.7	0.2547+0.0317i	-0.8205+0.0178i	0.7492-0.0564i	-0.0437+0.0439i	0.2276+0.0072i	1.3769-0.8918i	1.1038-0.1921i	0.0476-0.0755i
29.8	0.2589+0.0206i	-0.8460+0.0384i	0.7620-0.0449i	-0.0507+0.0459i	0.2186+0.0145i	1.2699-0.8781i	1.3136-0.2172i	0.0353-0.0761i
29.9	0.2649+0.0094i	-0.8824+0.0727i	0.7991-0.0501i	-0.0576+0.0474i	0.2163+0.0150i	1.1910-0.9128i	1.3746-0.4641i	0.0310-0.0862i
30.0	0.2646-0.0031i	-0.9099+0.1040i	0.8290-0.0636i	-0.0675+0.0472i	0.2113+0.0009i	1.0831-0.9221i	1.3002-0.6552i	0.0242-0.0913i
30.1	0.2687-0.0174i	-0.9687+0.1486i	0.8896-0.0662i	-0.0755+0.0537i	0.1537-0.0173i	1.0168-0.9127i	1.4740-0.8266i	0.0192-0.0813i
30.2	0.2683-0.0286i	-0.9915+0.1901i	0.9405-0.0928i	-0.0814+0.0533i	0.1436-0.0073i	0.9187-0.9116i	1.4758-0.9670i	0.0204-0.0778i
30.3	0.2645-0.0409i	-1.0264+0.2564i	1.0042-0.1490i	-0.0972+0.0580i	0.1612+0.0202i	0.8551-0.8627i	1.4769-1.2398i	0.0262-0.0633i
30.4	0.2616-0.0404i	-1.0156+0.3166i	1.0025-0.2234i	-0.1049+0.0763i	0.1823+0.0125i	0.8490-0.7880i	1.4337-1.3924i	0.0284-0.0456i
30.5	0.2651-0.0400i	-0.9971+0.3631i	0.9857-0.2708i	-0.1026+0.0897i	0.1901+0.0137i	0.8260-0.8015i	1.2586-1.5127i	0.0256-0.0602i
30.6	0.2798-0.0429i	-1.0106+0.3786i	0.9707-0.2890i	-0.1025+0.0961i	0.1937+0.0194i	0.7427-0.8054i	1.1815-1.6859i	0.0120-0.0503i
30.7	0.2934-0.0589i	-1.0449+0.4191i	0.9780-0.3032i	-0.1069+0.1053i	0.1717+0.0531i	0.6473-0.7491i	1.0279-1.9003i	0.0113-0.0449i
30.8	0.3053-0.0738i	-1.0957+0.4697i	0.9922-0.3237i	-0.1197+0.1136i	0.2041+0.0586i	0.5477-0.6882i	0.9471-1.9811i	0.0096-0.0365i

30.9	0.3147-0.0953i	-1.1309+0.5506i	1.0129-0.3585i	-0.1244+0.1250i	0.1789+0.0339i	0.4672-0.6491i	0.6230-2.1581i	0.0134-0.0454i
31.0	0.3167-0.1159i	-1.1546+0.6332i	1.0296-0.4063i	-0.1332+0.1405i	0.1845+0.0235i	0.4071-0.5881i	0.5990-2.2901i	0.0121-0.0326i
31.1	0.3033-0.1474i	-1.1310+0.7847i	1.0106-0.4798i	-0.1444+0.1657i	0.1950+0.0553i	0.3279-0.5306i	0.4602-2.3037i	0.0189-0.0467i
31.2	0.3007-0.1645i	-1.1250+0.8740i	0.9880-0.5126i	-0.1519+0.1910i	0.1730+0.0630i	0.2971-0.4360i	0.2345-2.3998i	0.0377-0.0484i
31.3	0.3000-0.1776i	-1.1161+0.9667i	0.9889-0.5330i	-0.1529+0.2217i	0.1449+0.0388i	0.2453-0.3190i	-0.0994-2.3717i	0.0263-0.0477i
31.4	0.2847-0.2031i	-1.0595+1.1233i	0.9626-0.5808i	-0.1471+0.2603i	0.1565+0.0825i	0.2309-0.2456i	-0.3219-2.3064i	0.0260-0.0479i
31.5	0.2865-0.2263i	-1.0585+1.2507i	0.9596-0.6403i	-0.1483+0.2973i	0.1458+0.1077i	0.2223-0.1274i	-0.3891-2.2398i	0.0168-0.0446i
31.6	0.2720-0.2507i	-0.9608+1.3827i	0.9383-0.6904i	-0.1232+0.3324i	0.1781+0.1069i	0.2281-0.0293i	-0.6379-2.1511i	0.0299-0.0513i
31.7	0.2485-0.2832i	-0.8196+1.5710i	0.9149-0.7428i	-0.0851+0.3858i	0.2097+0.1171i	0.2385+0.0639i	-0.8317-2.2020i	0.0465-0.0561i
31.8	0.2212-0.3101i	-0.6467+1.7219i	0.8827-0.8023i	-0.0421+0.4337i	0.2615+0.1201i	0.2547+0.1782i	-0.7979-2.0634i	0.0235-0.0594i
31.9	0.1894-0.3379i	-0.4458+1.8652i	0.8260-0.8610i	0.0149+0.4732i	0.2716+0.1390i	0.3157+0.2715i	-0.9230-1.8594i	0.0164-0.0677i
32.0	0.1537-0.3282i	-0.2167+1.8200i	0.7622-0.8935i	0.0744+0.4648i	0.3199+0.1180i	0.3533+0.3484i	-1.0659-1.7620i	0.0149-0.0654i
32.1	0.0997-0.3252i	0.1182+1.8182i	0.6794-0.9268i	0.1637+0.4720i	0.3734+0.0717i	0.3879+0.4651i	-1.2037-1.6403i	-0.0086-0.0521i
32.2	0.0450-0.3190i	0.4350+1.7906i	0.6049-0.9435i	0.2485+0.4715i	0.4105+0.0825i	0.4280+0.5515i	-1.2105-1.4270i	-0.0327-0.0519i
32.3	0.0193-0.3025i	0.6268+1.6840i	0.5170-0.9330i	0.3089+0.4492i	0.4025+0.0225i	0.5274+0.6172i	-1.1960-1.2970i	-0.0365-0.0338i
32.4	0.0018-0.2753i	0.7691+1.5328i	0.4507-0.9115i	0.3623+0.4173i	0.3783-0.0364i	0.6213+0.6730i	-1.2799-1.3372i	-0.0338-0.0111i
32.5	-0.0227-0.2345i	0.9645+1.2869i	0.3824-0.9090i	0.4285+0.3516i	0.3991-0.0770i	0.7108+0.7443i	-1.2921-1.3656i	-0.0254+0.0145i
32.6	-0.0235-0.2052i	1.0361+1.0729i	0.3277-0.8851i	0.4655+0.2882i	0.4038-0.1376i	0.8098+0.7936i	-1.3070-1.0859i	-0.0394+0.0183i
32.7	-0.0099-0.1723i	1.0265+0.8544i	0.2654-0.8735i	0.4779+0.2195i	0.3454-0.1686i	0.9159+0.8474i	-1.4507-0.9371i	-0.0300+0.0154i
32.8	0.0107-0.1509i	0.9531+0.6918i	0.2084-0.8245i	0.4652+0.1661i	0.2881-0.1939i	1.0355+0.8530i	-1.4261-0.8771i	-0.0032+0.0339i
32.9	0.0215-0.1485i	0.9182+0.5949i	0.1629-0.7641i	0.4639+0.1298i	0.2379-0.2048i	1.1546+0.8395i	-1.3847-0.7759i	0.0306+0.0449i
33.0	0.0583-0.1317i	0.7549+0.4603i	0.1127-0.7084i	0.4285+0.0886i	0.1804-0.2115i	1.2852+0.8595i	-1.2643-0.6164i	0.0416+0.0404i
33.1	0.0706-0.1278i	0.7186+0.3954i	0.0963-0.6417i	0.4258+0.0622i	0.1740-0.2136i	1.3696+0.8286i	-1.0772-0.5069i	0.0318+0.0415i
33.2	0.0707-0.1395i	0.7732+0.3906i	0.1209-0.5577i	0.4531+0.0463i	0.1432-0.1968i	1.4553+0.7719i	-0.9696-0.4671i	0.0271+0.0225i
33.3	0.0650-0.1231i	0.8130+0.2525i	0.1433-0.5498i	0.4728-0.0074i	0.1623-0.2141i	1.5116+0.7621i	-0.8905-0.4849i	0.0282+0.0339i
33.4	0.0738-0.1163i	0.7931+0.1273i	0.1721-0.5291i	0.4755-0.0619i	0.1496-0.2362i	1.5942+0.7285i	-0.8526-0.5977i	0.0234+0.0575i
33.5	0.1022-0.1110i	0.6962-0.0108i	0.1885-0.5184i	0.4544-0.1313i	0.1228-0.2042i	1.6938+0.6997i	-0.8865-0.6203i	0.0425+0.0700i
33.6	0.1219-0.1183i	0.5900-0.0735i	0.2198-0.4972i	0.4117-0.1791i	0.1327-0.1835i	1.7447+0.5843i	-0.9010-0.5617i	0.0576+0.0546i
33.7	0.1446-0.1305i	0.4672-0.0895i	0.2362-0.4880i	0.3586-0.2012i	0.1288-0.1719i	1.8111+0.5152i	-0.9542-0.5232i	0.1026+0.0575i
33.8	0.1641-0.1305i	0.3365-0.1395i	0.2508-0.5180i	0.2987-0.2196i	0.1500-0.1709i	1.8559+0.4728i	-0.9258-0.5130i	0.1272+0.0631i
33.9	0.1833-0.1448i	0.2279-0.1160i	0.2550-0.5587i	0.2471-0.2083i	0.1705-0.2316i	1.9096+0.4242i	-0.9461-0.4949i	0.1510+0.0425i
34.0	0.1957-0.1681i	0.1669-0.0739i	0.2457-0.6141i	0.2189-0.1918i	0.1376-0.2468i	1.9354+0.3781i	-0.9309-0.5178i	0.1490+0.0252i
34.1	0.2134-0.1761i	0.0670-0.0637i	0.1887-0.6739i	0.1880-0.1688i	0.1200-0.2959i	1.9840+0.3400i	-0.8946-0.5153i	0.1440+0.0086i
34.2	0.2109-0.1883i	0.0624-0.0454i	0.1093-0.7213i	0.1895-0.1465i	0.0940-0.2937i	1.9886+0.3107i	-0.8565-0.5357i	0.1348+0.0028i
34.3	0.2250-0.2136i	0.0227+0.0160i	-0.0011-0.7280i	0.1927-0.1254i	0.0659-0.2594i	2.0350+0.2601i	-0.8651-0.4994i	0.1391-0.0139i
34.4	0.2238-0.2340i	0.0345+0.0664i	-0.0792-0.7069i	0.2078-0.1089i	0.0246-0.2781i	2.0338+0.1936i	-0.9548-0.4891i	0.1470-0.0297i
34.5	0.2291-0.2390i	0.0344+0.0727i	-0.1477-0.6535i	0.2304-0.1059i	0.0217-0.2795i	2.0294+0.1739i	-0.9478-0.4068i	0.1293-0.0428i
34.6	0.2286-0.2599i	0.0117+0.0872i	-0.2267-0.5762i	0.2280-0.1214i	-0.0045-0.2543i	2.0717+0.1118i	-0.9131-0.3717i	0.1485-0.0391i
34.7	0.2396-0.2766i	-0.0121+0.0855i	-0.2935-0.5032i	0.2326-0.1400i	-0.0426-0.2423i	2.1445+0.0696i	-0.8969-0.4315i	0.1831-0.0245i
34.8	0.2450-0.2915i	-0.0104+0.0649i	-0.3487-0.4406i	0.2460-0.1624i	-0.0508-0.2351i	2.1960+0.0668i	-0.8904-0.4921i	0.1971-0.0309i
34.9	0.2510-0.3061i	-0.0470+0.0429i	-0.3924-0.4025i	0.2368-0.1869i	-0.0222-0.2434i	2.2547+0.0669i	-0.8983-0.4783i	0.1804-0.0366i
35.0	0.2606-0.3360i	-0.0566+0.0651i	-0.3807-0.3196i	0.2474-0.2050i	-0.0064-0.2047i	2.2817-0.0141i	-0.9136-0.5323i	0.1720-0.0410i
35.1	0.2714-0.3698i	-0.0746+0.1054i	-0.3598-0.2445i	0.2508-0.2215i	-0.0457-0.1993i	2.3109-0.0998i	-0.9625-0.5012i	0.1957-0.0697i
35.2	0.2801-0.3904i	-0.0838+0.1172i	-0.3669-0.1811i	0.2564-0.2298i	-0.0522-0.2286i	2.3467-0.1600i	-1.0148-0.4942i	0.2284-0.0905i
35.3	0.3003-0.4241i	-0.1182+0.1325i	-0.3600-0.1172i	0.2653-0.2545i	-0.0487-0.2203i	2.3986-0.2406i	-1.0288-0.4254i	0.2386-0.1285i
35.4	0.3077-0.4855i	-0.1493+0.1653i	-0.3773-0.0386i	0.2596-0.2930i	-0.1044-0.2016i	2.5041-0.3567i	-1.1346-0.4684i	0.2575-0.1398i
35.5	0.2986-0.5325i	-0.1740+0.2199i	-0.3442+0.0380i	0.2366-0.3066i	-0.1255-0.1862i	2.4988-0.5100i	-1.1530-0.4683i	0.2312-0.1474i
35.6	0.2905-0.5965i	-0.2047+0.3056i	-0.3218+0.1396i	0.2144-0.3180i	-0.1496-0.1968i	2.4836-0.6923i	-1.1291-0.3772i	0.2110-0.1828i
35.7	0.2691-0.6512i	-0.2133+0.3809i	-0.3239+0.1809i	0.1858-0.3220i	-0.0665-0.2153i	2.4843-0.8340i	-1.1960-0.2759i	0.2221-0.2201i
35.8	0.2346-0.7021i	-0.1558+0.4512i	-0.2599+0.2545i	0.1982-0.3190i	-0.0609-0.2742i	2.3761-0.9835i	-1.2370-0.1656i	0.1966-0.2757i
35.9	0.1699-0.7558i	-0.0428+0.5218i	-0.1460+0.3112i	0.2152-0.3251i	-0.1327-0.2628i	2.1466-1.1259i	-1.2280-0.1033i	0.1509-0.3064i
36.0	0.1123-0.7887i	0.0543+0.5149i	-0.0727+0.2903i	0.2239-0.3680i	-0.1595-0.2114i	1.9862-1.1347i	-1.1340-0.0956i	0.1249-0.3018i
36.1	0.0359-0.8073i	0.1589+0.5014i	-0.0323+0.2521i	0.2217-0.3957i	-0.2016-0.2206i	1.8140-1.0600i	-1.1217-0.0312i	0.0833-0.2711i
36.2	-0.0112-0.8306i	0.2268+0.4939i	-0.0026+0.2444i	0.2187-0.4302i	-0.2336-0.2574i	1.6953-1.0006i	-1.1082-0.0184i	0.0612-0.2642i
36.3	-0.0541-0.8367i	0.2465+0.4254i	0.0042+0.2410i	0.1962-0.4907i	-0.2631-0.2115i	1.6802-0.9236i	-1.0901-0.0451i	0.0656-0.2397i
36.4	-0.1017-0.8343i	0.2944+0.3447i	-0.0321+0.2412i	0.1794-0.5407i	-0.2874-0.1310i	1.6630-0.8318i	-1.0760-0.0369i	0.0696-0.2310i
36.5	-0.1357-0.8327i	0.2573+0.2749i	-0.0471+0.2559i	0.1187-0.5842i	-0.2796-0.1225i	1.7307-0.7837i	-1.0401-0.0499i	0.0493-0.1886i
36.6	-0.1755-0.8265i	0.2634+0.2516i	-0.0382+0.2722i	0.0808-0.5907i	-0.2819-0.1122i	1.7309-0.7508i	-1.0318-0.0649i	0.0504-0.1693i
36.7	-0.2104-0.8070i	0.2421+0.2113i	-0.0403+0.3068i	0.0270-0.5922i	-0.2611-0.0634i	1.7354-0.7125i	-1.0373-0.0520i	0.0549-0.1703i
36.8	-0.2377-0.8041i	0.2263+0.2097i	-0.0229+0.3418i	-0.0118-0.5876i	-0.2805-0.0294i	1.7361-0.7379i	-1.0665+0.0053i	0.0755-0.1927i
36.9	-0.2538-0.8017i	0.2275+0.2076i	-0.0014+0.3722i	-0.0267-0.5770i	-0.2871-0.0576i	1.7279-0.7529i	-1.0470+0.0174i	0.0770-0.2041i
37.0	-0.2773-0.8054i	0.2179+0.1884i	0.0005+0.3571i	-0.0603-0.5841i	-0.2612-0.0163i	1.7313-0.6479i	-1.0416+0.0314i	0.0691-0.2309i
37.1	-0.2937-0.8259i	0.2067+0.2097i	0.0224+0.4037i	-0.0794-0.5810i	-0.2937+0.0217i	1.7636-0.6506i	-1.0792+0.0308i	0.0726-0.2337i

37.2	-0.2994-0.8487i	0.1808+0.2091i	0.0440+0.4534i	-0.0958-0.5993i	-0.2994+0.0015i	1.8097-0.6708i	-1.0772+0.0866i	0.0461-0.2433i
37.3	-0.3305-0.8884i	0.1818+0.2262i	0.0769+0.4821i	-0.1212-0.6198i	-0.3039-0.0089i	1.8313-0.6597i	-1.1140+0.1550i	0.0364-0.2508i
37.4	-0.3754-0.9255i	0.1784+0.2247i	0.0799+0.4946i	-0.1637-0.6519i	-0.2803+0.0509i	1.8971-0.6358i	-1.1210+0.1729i	0.0190-0.2275i
37.5	-0.4244-0.9490i	0.2017+0.2294i	0.1224+0.5122i	-0.1861-0.6651i	-0.2747+0.0720i	1.8952-0.6040i	-1.1026+0.2356i	0.0069-0.2264i
37.6	-0.4824-0.9850i	0.2197+0.2335i	0.1351+0.5278i	-0.2280-0.6832i	-0.2875+0.1058i	1.9295-0.5817i	-1.0549+0.3336i	-0.0092-0.2256i
37.7	-0.6020-1.0283i	0.2422+0.2630i	0.1954+0.5550i	-0.3128-0.6921i	-0.2951+0.1060i	2.0052-0.6017i	-0.9972+0.3998i	-0.0115-0.2090i
37.8	-0.6626-1.0396i	0.2567+0.2650i	0.2337+0.5760i	-0.3464-0.6891i	-0.2678+0.1363i	2.0521-0.5856i	-0.9308+0.4138i	-0.0316-0.1959i
37.9	-0.7777-1.0459i	0.3077+0.2682i	0.2798+0.5498i	-0.3897-0.6885i	-0.2056+0.1168i	2.1528-0.5701i	-0.9015+0.3587i	0.0064-0.1727i
38.0	-0.8818-0.9962i	0.3405+0.2272i	0.2793+0.5087i	-0.4448-0.6703i	-0.2030+0.1090i	2.2822-0.5432i	-0.7846+0.3280i	-0.0023-0.1723i
38.1	-0.9846-0.9554i	0.3771+0.2107i	0.2683+0.4807i	-0.4987-0.6544i	-0.1961+0.1184i	2.4030-0.5736i	-0.7806+0.2603i	-0.0236-0.1541i
38.2	-1.0517-0.8835i	0.4064+0.1811i	0.2341+0.4802i	-0.5245-0.6178i	-0.2027+0.1428i	2.5216-0.6459i	-0.8184+0.2066i	-0.0040-0.1139i
38.3	-1.1162-0.8396i	0.4448+0.1412i	0.2049+0.4781i	-0.5522-0.6263i	-0.2026+0.1435i	2.6129-0.6649i	-0.9152+0.2544i	0.0452-0.1419i
38.4	-1.1615-0.8102i	0.4617+0.1211i	0.1651+0.5222i	-0.5786-0.6237i	-0.2134+0.0951i	2.7296-0.7490i	-0.9417+0.2841i	0.0478-0.1306i
38.5	-1.2002-0.7349i	0.4588+0.0610i	0.1423+0.5749i	-0.6127-0.5956i	-0.2159+0.1033i	2.8533-0.8695i	-0.9299+0.3412i	0.0457-0.1549i
38.6	-1.2736-0.6659i	0.4758+0.0085i	0.1637+0.6389i	-0.6664-0.5875i	-0.2371+0.1160i	2.9748-1.0567i	-0.9198+0.4082i	0.0661-0.1749i
38.7	-1.3473-0.6286i	0.4945-0.0329i	0.1504+0.7234i	-0.7173-0.5937i	-0.2384+0.1436i	3.1132-1.2304i	-0.8780+0.3853i	0.0859-0.1523i
38.8	-1.3917-0.5574i	0.4943-0.0794i	0.1707+0.8124i	-0.7578-0.5729i	-0.2129+0.1939i	3.1628-1.4710i	-0.8956+0.3833i	0.1324-0.1649i
38.9	-1.4659-0.4616i	0.4801-0.1324i	0.2224+0.8834i	-0.8509-0.5397i	-0.1926+0.1844i	3.1673-1.7345i	-0.8654+0.4137i	0.1469-0.1843i
39.0	-1.5081-0.3692i	0.4576-0.1852i	0.2701+0.9689i	-0.9106-0.4995i	-0.2346+0.2041i	3.1474-1.9899i	-0.8212+0.4559i	0.1294-0.2137i
39.1	-1.5305-0.2709i	0.4130-0.2184i	0.3811+1.0234i	-0.9816-0.4361i	-0.2604+0.2085i	2.9980-2.2092i	-0.7500+0.4491i	0.1045-0.2506i
39.2	-1.5606-0.1814i	0.3808-0.2608i	0.4621+1.0416i	-1.0511-0.3812i	-0.2510+0.2067i	2.8860-2.3361i	-0.7200+0.4678i	0.0735-0.2937i
39.3	-1.5587-0.0908i	0.3547-0.2833i	0.5247+1.0556i	-1.0766-0.3050i	-0.2528+0.2164i	2.7863-2.4702i	-0.7051+0.4717i	0.0627-0.3001i
39.4	-1.5507-0.0098i	0.3154-0.2915i	0.5910+1.0955i	-1.1056-0.2342i	-0.2604+0.2513i	2.6810-2.6439i	-0.7244+0.4349i	0.0739-0.2430i
39.5	-1.5419+0.0762i	0.2672-0.3010i	0.7366+1.1235i	-1.1435-0.1511i	-0.2277+0.2511i	2.4474-2.8176i	-0.6846+0.4204i	0.0710-0.2171i
39.6	-1.5470+0.1771i	0.2377-0.3236i	0.8432+1.0788i	-1.1723-0.0535i	-0.2226+0.2949i	2.2608-2.8291i	-0.6568+0.4673i	0.0536-0.2686i
39.7	-1.5117+0.2669i	0.1915-0.3070i	0.8868+0.9922i	-1.1621+0.0601i	-0.2367+0.3174i	2.1907-2.7785i	-0.6214+0.4507i	0.0296-0.2461i
39.8	-1.4291+0.3592i	0.1776-0.3261i	0.8905+0.9717i	-1.0791+0.1364i	-0.2184+0.3627i	2.1019-2.8566i	-0.6653+0.4972i	0.0499-0.3060i
39.9	-1.3922+0.4283i	0.1773-0.3354i	0.9662+0.9836i	-1.0438+0.1945i	-0.1720+0.3657i	1.8911-2.9538i	-0.6727+0.4781i	0.1055-0.2971i
40.0	-1.3689+0.4283i	0.1372-0.3236i	1.0440+0.9518i	-1.0518+0.2017i	-0.1465+0.3787i	1.7587-2.9055i	-0.5848+0.4785i	0.0676-0.2844i
40.1	-1.3096+0.4610i	0.1081-0.3070i	1.0938+0.8881i	-1.0051+0.2556i	-0.1310+0.3838i	1.6530-2.8209i	-0.5615+0.4796i	0.0541-0.2869i
40.2	-1.2872+0.4930i	0.1067-0.2933i	1.1515+0.8957i	-0.9706+0.2969i	-0.1092+0.3506i	1.5838-2.8481i	-0.6494+0.4204i	0.1425-0.2679i
40.3	-1.2768+0.5209i	0.0917-0.2763i	1.2046+0.8685i	-0.9605+0.3356i	-0.1612+0.3406i	1.5570-2.8499i	-0.6478+0.3969i	0.1495-0.2640i
40.4	-1.2437+0.5321i	0.0544-0.2784i	1.2024+0.8286i	-0.9399+0.3419i	-0.1046+0.3795i	1.5831-2.8058i	-0.5923+0.4289i	0.0631-0.3146i
40.5	-1.2172+0.5696i	0.0546-0.2768i	1.1992+0.8659i	-0.8971+0.3739i	-0.1200+0.4109i	1.5704-2.8589i	-0.6308+0.3950i	0.0931-0.3124i
40.6	-1.2166+0.6045i	0.0949-0.2781i	1.2805+0.8371i	-0.8702+0.4007i	-0.1220+0.4336i	1.4840-2.8476i	-0.7557+0.4310i	0.2145-0.4118i
40.7	-1.2162+0.6127i	0.1151-0.2900i	1.2673+0.8351i	-0.8408+0.3904i	-0.0937+0.4480i	1.5741-2.9025i	-0.7752+0.4318i	0.2369-0.4077i
40.8	-1.1979+0.6636i	0.1196-0.3116i	1.2182+0.8216i	-0.8033+0.4121i	-0.0904+0.4373i	1.6954-3.0270i	-0.7207+0.4609i	0.1793-0.4148i
40.9	-1.2258+0.7453i	0.1140-0.3377i	1.2831+0.7580i	-0.8368+0.4607i	-0.0580+0.4355i	1.6587-3.2303i	-0.7277+0.5501i	0.1362-0.4669i
41.0	-1.1650+0.8559i	0.0784-0.3894i	1.3101+0.8002i	-0.7914+0.5119i	-0.0514+0.5193i	1.4908-3.4652i	-0.6786+0.6501i	0.0613-0.5465i
41.1	-1.0970+0.9238i	0.0527-0.3985i	1.4171+0.8393i	-0.7572+0.5493i	0.0091+0.5326i	1.1789-3.6045i	-0.6409+0.7736i	0.0214-0.6211i
41.2	-1.0563+0.9494i	0.0123-0.4607i	1.6415+0.8199i	-0.7490+0.5279i	0.0175+0.4669i	0.8293-3.6458i	-0.7656+0.8237i	0.1414-0.7174i
41.3	-0.9877+0.9644i	-0.1167-0.4740i	1.8028+0.6914i	-0.7656+0.5259i	0.0325+0.5076i	0.4927-3.4832i	-0.7010+0.8721i	0.0808-0.7635i
41.4	-0.9351+0.9263i	-0.1699-0.4112i	1.7533+0.6178i	-0.7283+0.5115i	0.0299+0.5191i	0.5847-3.3002i	-0.5704+0.9078i	-0.0083-0.7855i
41.5	-0.9173+0.9866i	-0.1505-0.3655i	1.7367+0.6446i	-0.7099+0.5563i	0.0683+0.5964i	0.4893-3.5653i	-0.5674+0.9265i	-0.0124-0.8375i
41.6	-0.8465+0.9580i	-0.1179-0.2716i	1.8606+0.5718i	-0.6808+0.5696i	0.1509+0.5985i	0.1221-3.3496i	-0.4580+0.9374i	-0.0597-0.8387i
41.7	-0.9090+0.9226i	-0.0390-0.3205i	1.9054+0.4323i	-0.7077+0.5285i	0.2301+0.5336i	0.3730-3.2198i	-0.3370+0.8872i	-0.2022-0.8321i
41.8	-0.9118+1.0841i	-0.0982-0.4091i	1.9024+0.2712i	-0.7462+0.6342i	0.2292+0.5025i	0.2291-3.4271i	-0.2594+0.9883i	-0.3843-0.9191i
41.9	-0.7709+1.1776i	-0.1521-0.4482i	1.9019+0.1910i	-0.6484+0.6879i	0.3069+0.5220i	-0.3114-3.3196i	-0.2801+1.0971i	-0.4106-1.0362i
42.0	-0.6577+1.0830i	-0.2138-0.4195i	1.9397+0.1813i	-0.5953+0.6289i	0.3387+0.4134i	-0.4749-2.9219i	-0.1281+1.0322i	-0.5041-0.8630i
42.1	-0.7036+0.9878i	-0.2756-0.3560i	1.9915+0.1300i	-0.6541+0.5798i	0.2583+0.3430i	-0.1797-2.7276i	-0.0643+0.8649i	-0.4449-0.7061i
42.2	-0.7008+1.0237i	-0.2830-0.2820i	1.9556+0.0358i	-0.6619+0.6375i	0.2297+0.3847i	-0.1026-2.7809i	-0.0231+0.7997i	-0.4940-0.6642i
42.3	-0.7372+1.0537i	-0.2146-0.2918i	1.9205-0.0376i	-0.6609+0.6521i	0.2201+0.4144i	0.0536-2.8159i	-0.0750+0.7583i	-0.4343-0.7452i
42.4	-0.7093+1.1902i	-0.2802-0.4091i	1.9236-0.1675i	-0.6885+0.6742i	0.2946+0.5049i	-0.1211-2.9228i	-0.0392+1.0106i	-0.6708-1.1122i
42.5	-0.6111+1.2165i	-0.3332-0.4213i	1.8697-0.1268i	-0.6521+0.6686i	0.3409+0.5118i	-0.3635-2.9046i	0.0252+1.0046i	-0.8169-1.0695i
42.6	-0.5202+1.2039i	-0.3447-0.3690i	1.9087-0.1440i	-0.5993+0.6847i	0.3710+0.5424i	-0.6032-2.7921i	0.0215+0.8817i	-0.7865-0.9725i
42.7	-0.4570+1.2059i	-0.3340-0.2610i	1.8145-0.2742i	-0.5713+0.7658i	0.4493+0.5031i	-0.6247-2.6615i	0.1416+0.7777i	-0.9093-0.7963i
42.8	-0.4660+1.1447i	-0.3548-0.1735i	1.8098-0.2940i	-0.6413+0.8043i	0.5430+0.3215i	-0.3698-2.6293i	0.3825+0.5427i	-1.1605-0.3446i
42.9	-0.4952+1.1782i	-0.3075-0.3016i	1.8851-0.3033i	-0.6379+0.7839i	0.5142+0.2960i	-0.5120-2.6235i	0.1943+0.5468i	-0.9733-0.4668i
43.0	-0.3881+1.2754i	-0.3529-0.2924i	1.6606-0.4247i	-0.5486+0.9058i	0.5035+0.2670i	-0.6158-2.6206i	0.2145+0.4876i	-0.9739-0.3773i
43.1	-0.3419+1.2520i	-0.4352-0.1271i	1.6585-0.4914i	-0.5810+1.0036i	0.5297+0.1799i	-0.6918-2.5870i	0.3098+0.3035i	-1.0463-0.0129i
43.2	-0.2890+1.2239i	-0.4455-0.0899i	1.5940-0.4342i	-0.5658+1.0091i	0.5586+0.1334i	-0.7174-2.4776i	0.3594+0.2658i	-1.1464+0.0954i
43.3	-0.2207+1.1888i	-0.3780-0.1284i	1.6276-0.4380i	-0.4501+1.0240i	0.4636+0.0270i	-0.8382-2.0714i	0.2553+0.1905i	-0.8853+0.1301i
43.4	-0.2687+1.1565i	-0.3655-0.1756i	1.6284-0.4681i	-0.4237+0.9798i	0.3200+0.0994i	-0.3725-1.8279i	0.1391+0.1981i	-0.6745-0.1610i

43.5	-0.2810+1.1895i	-0.4808-0.1908i	1.6401-0.4967i	-0.5113+0.9742i	0.4281+0.1656i	-0.0803-2.1227i	0.1977+0.2014i	-1.0916-0.1788i
43.6	-0.2438+1.2455i	-0.5600-0.1135i	1.7159-0.5756i	-0.5227+1.0711i	0.5071+0.1262i	-0.2536-2.4173i	0.1469+0.1373i	-1.1207-0.0343i
43.7	-0.1944+1.2561i	-0.4760-0.0594i	1.7272-0.6266i	-0.4025+1.1343i	0.4422+0.0801i	-0.5485-2.2924i	-0.0571+0.1021i	-0.8909+0.0645i
43.8	-0.0925+1.3225i	-0.4459-0.0441i	1.4307-0.6819i	-0.2627+1.2268i	0.4316+0.0563i	-0.4270-2.2325i	-0.0338+0.1366i	-0.9514+0.1207i
43.9	0.0721+1.2613i	-0.4524-0.0812i	1.3059-0.4757i	-0.0917+1.1344i	0.4133+0.0572i	-0.4618-2.2025i	-0.0464+0.1505i	-0.9694+0.1288i
44.0	0.1042+1.1962i	-0.4901-0.0866i	1.3912-0.3784i	-0.0766+1.0529i	0.4038+0.0714i	-0.4496-2.2330i	-0.0522+0.1425i	-0.9612+0.1344i
44.1	0.1164+1.2294i	-0.4874+0.0193i	1.5248-0.5939i	-0.0444+1.1433i	0.3622+0.0758i	-0.6552-2.2061i	-0.1597+0.1959i	-0.7376+0.0546i
44.2	0.1148+1.1768i	-0.4964+0.0213i	1.3949-0.5653i	-0.0566+1.0562i	0.4319+0.1114i	-0.4305-2.3610i	-0.0948+0.2516i	-0.9702+0.0536i
44.3	0.2454+1.1583i	-0.5095+0.0965i	1.3460-0.3790i	0.0252+1.0713i	0.5379+0.0473i	-0.8228-2.6485i	-0.0470+0.1847i	-1.0596+0.3790i
44.4	0.3026+1.0252i	-0.4279+0.1381i	1.5888-0.2399i	0.1098+1.0020i	0.4918-0.0132i	-1.2712-2.2325i	-0.1332+0.1040i	-0.7479+0.4515i
44.5	0.2016+0.9841i	-0.4269+0.1736i	1.7936-0.5082i	0.0265+0.9951i	0.4849-0.0252i	-1.0978-1.9849i	-0.1759+0.1385i	-0.6666+0.3988i
44.6	0.2429+0.9839i	-0.3499+0.1977i	1.6311-0.7184i	0.1263+1.0120i	0.4261-0.0340i	-1.0837-1.7874i	-0.2262+0.2161i	-0.6283+0.3461i
44.7	0.2882+0.9124i	-0.3179+0.1737i	1.6210-0.7257i	0.2015+0.9443i	0.4135-0.0493i	-0.9564-1.2755i	-0.1978+0.2928i	-0.6819+0.2397i
44.8	0.2111+0.9353i	-0.2979+0.1144i	1.6378-0.8198i	0.1625+0.9098i	0.4234-0.0168i	-0.3593-1.3360i	-0.1716+0.3096i	-0.8330+0.0914i
44.9	0.2362+1.0487i	-0.2679+0.0805i	1.5280-0.8006i	0.2111+0.9845i	0.4383-0.0324i	-0.4041-2.0057i	-0.1883+0.2113i	-0.7769+0.1877i
45.0	0.2680+1.0270i	-0.2798+0.0708i	1.5051-0.7970i	0.2268+0.9490i	0.4809-0.0398i	-0.5261-2.0989i	-0.2111+0.2206i	-0.7749+0.3164i
45.1	0.3573+1.0194i	-0.3460+0.0459i	1.5126-0.7954i	0.2821+0.9114i	0.5027-0.0756i	-0.6459-2.1795i	-0.2265+0.2405i	-0.8125+0.4002i
45.2	0.4457+0.9898i	-0.3452+0.1064i	1.4937-0.8546i	0.3432+0.9295i	0.5154-0.1897i	-0.9985-2.1090i	-0.2330+0.2637i	-0.7116+0.4545i
45.3	0.5298+0.9462i	-0.3365+0.1195i	1.3857-0.9609i	0.4324+0.9086i	0.4936-0.2315i	-1.0991-1.8452i	-0.2136+0.3456i	-0.6933+0.5399i
45.4	0.6394+0.8106i	-0.3315+0.1458i	1.2388-0.8182i	0.5561+0.7901i	0.4334-0.2703i	-0.9285-1.6877i	-0.1295+0.3364i	-0.5958+0.6245i
45.5	0.5742+0.6885i	-0.3294+0.1598i	1.3917-0.6786i	0.5098+0.6760i	0.3871-0.2644i	-0.7117-1.7027i	-0.1226+0.2576i	-0.5333+0.4819i
45.6	0.4467+0.7879i	-0.3251+0.2092i	1.4902-0.8759i	0.3904+0.7725i	0.4235-0.2368i	-0.5532-2.1334i	-0.1767+0.2231i	-0.6540+0.5640i
45.7	0.5710+0.7582i	-0.2762+0.2331i	1.4292-0.8895i	0.5274+0.7429i	0.3821-0.2576i	-0.8339-2.1994i	-0.1929+0.2174i	-0.5503+0.6822i
45.8	0.5856+0.6764i	-0.2347+0.1922i	1.4383-0.9096i	0.5459+0.6521i	0.3878-0.2881i	-0.9873-2.0780i	-0.2305+0.2229i	-0.4799+0.6299i
45.9	0.6383+0.6827i	-0.2514+0.1786i	1.3677-1.0601i	0.5891+0.6430i	0.3893-0.3439i	-1.1435-2.0452i	-0.2668+0.3016i	-0.4549+0.7126i
46.0	0.6922+0.6229i	-0.2438+0.1747i	1.3846-1.0405i	0.6548+0.5898i	0.3663-0.3899i	-1.1728-1.9691i	-0.2590+0.2955i	-0.3879+0.7364i
46.1	0.7916+0.5593i	-0.2635+0.1650i	1.2238-1.0563i	0.7648+0.5267i	0.3069-0.4100i	-1.2345-1.7622i	-0.2171+0.3334i	-0.3591+0.6894i
46.2	0.8120+0.4532i	-0.2897+0.2045i	1.1526-0.8913i	0.7581+0.4112i	0.3011-0.4298i	-1.0642-1.8896i	-0.1783+0.3005i	-0.3468+0.7558i
46.3	0.6454+0.2771i	-0.2907+0.2172i	1.3905-0.8071i	0.5505+0.2289i	0.2960-0.4496i	-1.1427-1.9465i	-0.2242+0.3025i	-0.3376+0.7725i
46.4	0.6237+0.1959i	-0.2909+0.2568i	1.6175-1.0596i	0.5263+0.1842i	0.2246-0.4693i	-1.2742-1.8142i	-0.2672+0.3418i	-0.2747+0.7488i
46.5	0.6538+0.2157i	-0.2715+0.3231i	1.6095-1.3271i	0.5819+0.2388i	0.1885-0.4822i	-1.2698-1.7801i	-0.2717+0.3582i	-0.2505+0.7419i
46.6	0.6489+0.2038i	-0.2056+0.3190i	1.3306-1.3624i	0.6148+0.2090i	0.1616-0.4836i	-1.1785-1.7435i	-0.2614+0.4102i	-0.2575+0.7476i
46.7	0.6335+0.0364i	-0.1473+0.3016i	1.1948-1.1745i	0.6039+0.0269i	0.0778-0.4433i	-1.1920-1.9382i	-0.2659+0.3703i	-0.1687+0.7806i
46.8	0.5553+0.0157i	-0.1151+0.3374i	1.3695-1.2442i	0.5174+0.0432i	0.0464-0.4743i	-1.5026-2.1175i	-0.2616+0.3574i	-0.0587+0.7880i
46.9	0.5276-0.0412i	-0.0618+0.3010i	1.1643-1.4065i	0.5208-0.0376i	-0.0243-0.4837i	-1.6288-1.8958i	-0.2263+0.4254i	-0.0270+0.7572i
47.0	0.4437-0.0993i	-0.0562+0.2460i	1.0078-1.2582i	0.4256-0.1251i	-0.0293-0.4252i	-1.6231-1.8792i	-0.1775+0.4427i	0.0285+0.7465i
47.1	0.2756-0.1935i	-0.0540+0.2568i	1.0421-1.1369i	0.2220-0.1985i	-0.0536-0.4333i	-1.8270-1.9777i	-0.1494+0.4351i	0.1241+0.7750i
47.2	0.1621-0.2518i	-0.0177+0.2482i	1.2239-1.2742i	0.1276-0.2412i	-0.0619-0.4548i	-2.1479-1.8459i	-0.1931+0.4669i	0.1848+0.7509i
47.3	0.1313-0.2363i	0.0161+0.1993i	1.1854-1.5998i	0.1329-0.2432i	-0.2071-0.4479i	-2.4976-1.3258i	-0.1699+0.5278i	0.2935+0.6242i
47.4	0.1138-0.1726i	0.0128+0.1886i	0.8640-1.6264i	0.1065-0.2006i	-0.2406-0.4052i	-2.2886-1.0022i	-0.0912+0.5277i	0.3148+0.5462i
47.5	0.0756-0.1908i	0.0321+0.1833i	0.7448-1.4924i	0.0591-0.2169i	-0.2206-0.3511i	-2.1658-0.9753i	-0.0447+0.5012i	0.3426+0.5128i
47.6	-0.0417-0.1964i	0.0615+0.1054i	0.6787-1.3340i	-0.0416-0.2220i	-0.2440-0.2656i	-2.1428-0.8131i	-0.0087+0.4771i	0.3803+0.4081i
47.7	-0.1279-0.2422i	0.0500+0.0778i	0.8356-1.3261i	-0.1283-0.2662i	-0.2256-0.2382i	-2.0935-0.7058i	-0.0063+0.4652i	0.3731+0.3596i
47.8	-0.2524-0.1664i	0.0386+0.0467i	0.7795-1.6160i	-0.2538-0.1986i	-0.2434-0.2127i	-2.0491-0.4129i	0.0082+0.4705i	0.3371+0.2510i
47.9	-0.2549-0.0680i	-0.0042+0.0186i	0.4018-1.5490i	-0.2905-0.1344i	-0.2153-0.1649i	-1.6510-0.3805i	0.0767+0.4815i	0.2310+0.2415i
48.0	-0.3480-0.0615i	-0.0499-0.0200i	0.2308-1.3157i	-0.4209-0.1486i	-0.2155-0.0647i	-1.3356-0.4174i	0.1041+0.4762i	0.1512+0.2203i
48.1	-0.4063-0.0617i	-0.0798+0.0084i	0.2441-0.9584i	-0.5216-0.1007i	-0.1905-0.1001i	-1.2420-0.8920i	0.1641+0.3863i	0.1556+0.2995i
48.2	-0.5338+0.0497i	-0.0701+0.0155i	0.5070-0.8851i	-0.6247+0.0689i	-0.1919-0.1181i	-1.6908-0.9759i	0.1362+0.3217i	0.2460+0.2679i
48.3	-0.5515+0.1593i	-0.0885+0.0008i	0.5193-0.9671i	-0.6133+0.1778i	-0.1986-0.0739i	-1.7207-0.7004i	0.1221+0.3313i	0.2207+0.2135i
48.4	-0.5658+0.2039i	-0.0793+0.0193i	0.6180-1.0398i	-0.6212+0.2284i	-0.1824-0.0785i	-1.8841-0.5818i	0.1705+0.3452i	0.2502+0.2092i
48.5	-0.5947+0.2501i	-0.0810-0.0133i	0.5196-1.1421i	-0.6452+0.2536i	-0.1897-0.0427i	-1.7011-0.2977i	0.1840+0.3028i	0.1934+0.1189i
48.6	-0.5933+0.3266i	-0.1144-0.0116i	0.3979-0.9838i	-0.6659+0.3483i	-0.1518-0.0320i	-1.5386-0.4908i	0.1780+0.2032i	0.1482+0.1467i
48.7	-0.5868+0.2943i	-0.1333-0.0340i	0.3843-1.0379i	-0.6677+0.3130i	-0.2106-0.0487i	-1.6606-0.2671i	0.1106+0.1883i	0.1678+0.1071i
48.8	-0.5622+0.3111i	-0.1729-0.0292i	0.2823-1.0689i	-0.6690+0.3243i	-0.1885-0.0010i	-1.2978-0.0862i	0.0655+0.2052i	0.0923+0.0315i
48.9	-0.5808+0.3660i	-0.1734+0.0171i	0.2524-0.8404i	-0.6860+0.4230i	-0.0919+0.0554i	-1.0496-0.5324i	0.0596+0.1862i	0.0434+0.1414i
49.0	-0.5709+0.4194i	-0.1503+0.0104i	0.4123-0.7113i	-0.6226+0.5033i	-0.0929+0.0726i	-1.3015-0.7177i	0.0281+0.1516i	0.0914+0.1952i
49.1	-0.5841+0.4441i	-0.1729+0.0057i	0.4495-0.6723i	-0.6284+0.5334i	-0.1034+0.0011i	-1.3804-0.7959i	0.0229+0.1488i	0.1033+0.1858i
49.2	-0.5904+0.5279i	-0.1857+0.0160i	0.5078-0.6233i	-0.6156+0.6202i	-0.1279-0.0063i	-1.5325-0.7839i	-0.0014+0.1513i	0.1346+0.1699i
49.3	-0.6322+0.5745i	-0.2172+0.0170i	0.5661-0.6441i	-0.6467+0.6553i	-0.1169-0.0185i	-1.5920-0.6807i	-0.0235+0.1481i	0.1274+0.1111i
49.4	-0.6098+0.5628i	-0.2341+0.0511i	0.5692-0.6201i	-0.6334+0.6464i	-0.1239-0.0084i	-1.5978-0.6748i	-0.0479+0.1761i	0.0956+0.1131i
49.5	-0.5784+0.5681i	-0.2185+0.0835i	0.6051-0.5375i	-0.6039+0.6903i	-0.1377-0.0155i	-1.7341-0.6795i	-0.0357+0.1524i	0.1196+0.0996i
49.6	-0.6195+0.6418i	-0.2100+0.1068i	0.9304-0.5480i	-0.6070+0.7662i	-0.1310+0.0192i	-2.0627-0.6797i	-0.0768+0.1253i	0.1774+0.0956i
49.7	-0.5996+0.7720i	-0.1639+0.1189i	0.9521-0.8986i	-0.5575+0.8804i	-0.1195+0.0510i	-2.3122-0.2515i	-0.1295+0.1592i	0.1794+0.0061i

49.8	-0.5332+0.8237i	-0.1406+0.0966i	0.7428-1.0491i	-0.4923+0.9119i	-0.0646+0.0661i	-2.1469+0.0967i	-0.1495+0.2416i	0.1083-0.0280i
49.9	-0.5165+0.8019i	-0.1570+0.0767i	0.6215-0.9075i	-0.4690+0.8873i	-0.0723+0.1004i	-1.8216+0.0405i	-0.1447+0.2736i	0.0143+0.0184i
50.0	-0.5487+0.8054i	-0.1646+0.0798i	0.6566-0.7499i	-0.4790+0.8954i	-0.0579+0.0919i	-1.8450-0.0562i	-0.0906+0.2603i	0.0327+0.0793i
50.1	-0.5560+0.8240i	-0.1747+0.0808i	0.6644-0.7243i	-0.4927+0.9189i	-0.0852+0.0647i	-1.9073+0.0226i	-0.0486+0.2815i	0.0453+0.0748i
50.2	-0.5327+0.8505i	-0.1685+0.0923i	0.7323-0.7115i	-0.4608+0.9382i	-0.0790+0.0958i	-1.9481+0.0643i	-0.0440+0.2860i	0.0618+0.0739i
50.3	-0.5497+0.9110i	-0.1651+0.1033i	0.8461-0.7197i	-0.4699+0.9923i	-0.0199+0.0645i	-2.0205+0.0907i	-0.0377+0.2903i	0.0973+0.0729i
50.4	-0.5403+0.9431i	-0.1660+0.0792i	0.8630-0.8178i	-0.4618+1.0134i	0.0143+0.0386i	-2.1265+0.1711i	-0.0013+0.2901i	0.1005+0.0653i
50.5	-0.4914+0.9623i	-0.1867+0.0913i	0.7724-0.8668i	-0.4109+1.0524i	0.0033+0.0614i	-2.0956+0.4361i	0.0431+0.2921i	0.0653+0.0083i
50.6	-0.4689+1.0074i	-0.1763+0.0950i	0.7604-0.8805i	-0.3790+1.0823i	-0.0053+0.0718i	-2.0001+0.5308i	0.0331+0.3032i	0.0677-0.0023i
50.7	-0.4894+1.0627i	-0.1945+0.0909i	0.7811-0.8970i	-0.4000+1.1156i	0.0146+0.0468i	-1.9301+0.5407i	0.0320+0.3257i	0.0473+0.0333i
50.8	-0.5227+1.1020i	-0.1969+0.1184i	0.8610-0.8766i	-0.4053+1.1735i	-0.0035+0.1025i	-1.9845+0.5855i	0.0284+0.2693i	0.0590+0.0476i
50.9	-0.5122+1.1698i	-0.1855+0.1034i	0.9622-0.9540i	-0.3896+1.2251i	-0.0203+0.0764i	-2.2293+0.6908i	0.0343+0.2476i	0.1120+0.0212i
51.0	-0.4541+1.2297i	-0.2058+0.1080i	0.9334-1.0649i	-0.3504+1.2812i	-0.0610+0.0735i	-2.3458+0.9359i	0.0475+0.2609i	0.1312-0.0271i
51.1	-0.3947+1.2727i	-0.2206+0.1123i	0.8979-1.1312i	-0.2977+1.3157i	-0.0164+0.0635i	-2.2884+1.2618i	0.0781+0.2703i	0.1228-0.0604i
51.2	-0.3418+1.3002i	-0.2542+0.1485i	0.7725-1.2066i	-0.2714+1.3779i	0.0005+0.0412i	-1.9533+1.5699i	0.1119+0.2366i	0.0515-0.0979i
51.3	-0.3139+1.3064i	-0.2414+0.1740i	0.6519-1.1687i	-0.2310+1.4006i	-0.0070+0.0348i	-1.6667+1.4034i	0.1063+0.2436i	0.0290-0.0663i
51.4	-0.3077+1.3844i	-0.2182+0.2038i	0.7126-1.1222i	-0.1755+1.4710i	0.0120+0.0082i	-1.8194+1.3469i	0.0962+0.2517i	0.1025-0.0234i
51.5	-0.2738+1.4250i	-0.2126+0.2035i	0.8094-1.2344i	-0.1212+1.4909i	0.0345+0.1108i	-1.9477+1.7552i	0.0595+0.2322i	0.0982-0.0922i
51.6	-0.2015+1.4294i	-0.2168+0.2188i	0.7845-1.3334i	-0.0470+1.4919i	0.0471+0.1121i	-1.8001+2.0851i	0.0804+0.1909i	0.0670-0.1377i
51.7	-0.1158+1.4864i	-0.2210+0.2299i	0.6653-1.4807i	0.0290+1.5324i	0.0973+0.0545i	-1.4908+2.3974i	0.1150+0.2160i	0.0212-0.2131i
51.8	-0.0868+1.5124i	-0.2248+0.2795i	0.5618-1.5537i	0.0604+1.5584i	0.1395+0.0793i	-1.2042+2.4875i	0.1365+0.2156i	-0.0245-0.2367i
51.9	-0.0507+1.5119i	-0.2318+0.3529i	0.4262-1.4740i	0.1243+1.5745i	0.0744+0.0874i	-0.9750+2.3008i	0.1230+0.1541i	-0.0768-0.1492i
52.0	-0.0096+1.5125i	-0.1880+0.4756i	0.4006-1.3539i	0.1700+1.5689i	0.0822+0.1538i	-1.1207+2.2293i	0.1370+0.1761i	0.0241-0.0819i
52.1	0.0099+1.5466i	-0.0081+0.5078i	0.4265-1.3736i	0.2193+1.5870i	0.2325+0.2001i	-1.0743+2.4850i	0.2160+0.1638i	0.0395-0.1432i
52.2	0.0765+1.5925i	0.1142+0.3583i	0.4303-1.4469i	0.3071+1.5861i	0.3398+0.0499i	-0.7937+2.6776i	0.2532+0.0798i	-0.0008-0.2214i
52.3	0.1188+1.5826i	0.0284+0.2871i	0.3244-1.5082i	0.3245+1.5576i	0.3245-0.0027i	-0.5296+2.7432i	0.1821+0.0343i	-0.0351-0.2757i
52.4	0.1450+1.6392i	0.1552+0.4005i	0.1756-1.3995i	0.3716+1.6274i	0.4067-0.0149i	-0.5084+2.5798i	0.2551-0.0134i	0.0176-0.2419i
52.5	0.2055+1.6843i	0.3696+0.2033i	0.2697-1.3450i	0.4836+1.5918i	0.4694-0.1378i	-0.7188+2.7979i	0.2259-0.0695i	0.1204-0.3459i
52.6	0.3156+1.7334i	0.0969+0.0626i	0.1899-1.5863i	0.4742+1.6048i	0.3308-0.3282i	-0.1857+3.4826i	0.2174-0.1641i	-0.0977-0.5194i
52.7	0.3800+1.7761i	-0.0687+0.1841i	-0.0580-1.5845i	0.4812+1.6994i	0.1537-0.3347i	0.4444+3.4740i	0.1868-0.2553i	-0.2334-0.5356i
52.8	0.4529+1.7816i	0.0022+0.2860i	-0.1248-1.5176i	0.5699+1.7042i	0.1880-0.2261i	0.6522+3.2467i	0.1259-0.1999i	-0.2805-0.4670i
52.9	0.5130+1.7578i	0.0641+0.3587i	-0.2155-1.4283i	0.6603+1.7028i	0.2351-0.1642i	0.9412+3.2189i	0.0755-0.2175i	-0.4095-0.4225i
53.0	0.6385+1.7423i	0.1981+0.4703i	-0.1309-1.3373i	0.7839+1.7039i	0.1981-0.0200i	1.0006+3.2823i	0.0046-0.2477i	-0.4065-0.3741i
53.1	0.7570+1.6650i	0.3861+0.3494i	-0.2478-1.4833i	0.9015+1.6492i	0.3211-0.1290i	1.4758+3.4934i	-0.0222-0.2627i	-0.4029-0.4130i
53.2	0.8059+1.6209i	0.4875+0.1882i	-0.4595-1.4371i	0.9987+1.5805i	0.3471-0.2156i	2.0815+3.2417i	-0.0413-0.2577i	-0.5412-0.3948i
53.3	0.8287+1.5887i	0.5080+0.0356i	-0.5987-1.2455i	1.0531+1.5046i	0.3512-0.3679i	2.4079+2.8420i	-0.0543-0.3158i	-0.6219-0.2779i
53.4	0.8522+1.5254i	0.4013-0.1517i	-0.6058-1.0300i	1.0747+1.3887i	0.2373-0.5652i	2.5949+2.4073i	-0.1553-0.3755i	-0.6041-0.2381i
53.5	0.9429+1.4574i	0.0853-0.0866i	-0.5379-0.8642i	1.0495+1.3432i	-0.0579-0.4888i	2.5372+1.9876i	-0.2560-0.3449i	-0.5761-0.2182i
53.6	0.9698+1.3676i	0.1243+0.2956i	-0.3913-0.7625i	1.0679+1.3807i	-0.0488-0.1766i	2.2711+1.7264i	-0.2167-0.3237i	-0.5937-0.1255i
53.7	0.8948+1.3875i	0.5581+0.2908i	-0.4596-0.8952i	1.1408+1.4133i	0.2632-0.2039i	2.4203+1.9624i	-0.2255-0.3186i	-0.5887-0.1312i
53.8	0.9324+1.4141i	0.7465-0.0037i	-0.4878-0.7683i	1.2507+1.3426i	0.3364-0.3675i	2.5965+1.8854i	-0.3305-0.3965i	-0.5506-0.1620i
53.9	0.9708+1.4181i	0.7530-0.2447i	-0.4428-0.6972i	1.2946+1.2615i	0.3242-0.4986i	2.7493+1.7351i	-0.3959-0.4383i	-0.5774-0.1263i
54.0	1.0387+1.4249i	0.4686-0.5269i	-0.4929-0.7383i	1.2712+1.2169i	0.0666-0.8189i	2.9350+1.6466i	-0.4256-0.4684i	-0.6791-0.2283i
54.1	1.1613+1.3761i	0.2466-0.5185i	-0.7674-0.6263i	1.2873+1.1860i	-0.1053-0.8673i	3.2696+1.3423i	-0.5098-0.4071i	-0.7677-0.2742i
54.2	1.2177+1.3351i	0.4039-0.4872i	-0.5855-0.4272i	1.3537+1.1323i	-0.0438-0.6981i	2.8982+0.9908i	-0.5967-0.4170i	-0.6030-0.0061i
54.3	1.2664+1.2597i	0.4520-0.7040i	-0.4898-0.5003i	1.4208+1.0287i	-0.0098-0.7850i	2.9175+1.1869i	-0.6863-0.3766i	-0.5757-0.0852i
54.4	1.2545+1.1585i	0.2318-0.7381i	-0.5292-0.4238i	1.3750+0.9313i	-0.1569-0.8268i	3.0650+0.9292i	-0.6369-0.3050i	-0.7755-0.1732i
54.5	1.2650+1.1616i	0.1057-0.7990i	-0.5662-0.3105i	1.3432+0.8968i	-0.2592-0.8604i	3.1473+0.6395i	-0.6118-0.2621i	-0.7237-0.1261i
54.6	1.3085+1.1772i	0.0166-0.7965i	-0.5184-0.2672i	1.3494+0.9167i	-0.3335-0.8053i	3.1720+0.6075i	-0.6889-0.1850i	-0.7993-0.0290i
54.7	1.3701+1.1671i	-0.0474-0.7820i	-0.4374-0.1312i	1.3504+0.8971i	-0.3781-0.7635i	2.9782+0.2835i	-0.6967-0.1778i	-0.7546+0.1580i
54.8	1.4681+1.0402i	-0.0869-0.8762i	-0.2577-0.1457i	1.4059+0.8114i	-0.4299-0.7339i	2.7402+0.4230i	-0.7555-0.2727i	-0.6191+0.0514i
54.9	1.4243+0.9500i	-0.2761-0.8836i	-0.3365-0.1901i	1.3575+0.7452i	-0.5446-0.7074i	3.0407+0.4445i	-0.8619-0.1931i	-0.6837-0.0985i
55.0	1.4213+0.8779i	-0.4730-0.7836i	-0.3439-0.0915i	1.3162+0.7260i	-0.6524-0.6247i	3.1830+0.2150i	-0.9230-0.1541i	-0.7713-0.1029i
55.1	1.4249+0.8083i	-0.4927-0.5601i	-0.2037+0.0233i	1.3495+0.7234i	-0.7450-0.4231i	3.1372-0.1056i	-1.0944-0.0254i	-0.8178+0.0459i
55.2	1.4574+0.7685i	-0.5457-0.5375i	-0.2101-0.0175i	1.3856+0.7193i	-0.7884-0.4533i	3.2210-0.0414i	-1.1665-0.0058i	-0.7860+0.0265i
55.3	1.4763+0.7444i	-0.5926-0.5831i	-0.2688-0.0418i	1.3704+0.6954i	-0.7874-0.4235i	3.3180+0.0228i	-1.0193-0.0684i	-0.8148+0.0124i
55.4	1.4407+0.6921i	-0.4750-0.4653i	-0.1099-0.0101i	1.3871+0.6486i	-0.7065-0.2501i	3.1424-0.2399i	-1.0712+0.0986i	-0.8501+0.1277i
55.5	1.4165+0.5831i	-0.4437-0.3732i	0.0364+0.0398i	1.4133+0.5967i	-0.7143-0.1549i	3.0198-0.4050i	-1.2879+0.1808i	-0.7931+0.1582i
55.6	1.4013+0.5527i	-0.5843-0.5070i	-0.0847-0.0218i	1.3900+0.5519i	-0.6698-0.3115i	3.2980-0.2526i	-1.1938+0.2255i	-0.8171-0.0055i
55.7	1.4476+0.5200i	-0.7637-0.3746i	-0.1099+0.1319i	1.3686+0.5576i	-0.8320-0.2914i	3.4492-0.6393i	-1.2824+0.0930i	-0.9654+0.0487i
55.8	1.4062+0.4637i	-0.7271-0.2249i	0.0292+0.1614i	1.3621+0.5405i	-0.9076-0.0958i	3.3179-0.8741i	-1.4026+0.1648i	-1.0761+0.2595i
55.9	1.4000+0.3959i	-0.7527-0.2272i	0.0558+0.1342i	1.3614+0.4912i	-0.9075-0.0661i	3.3274-0.9756i	-1.3662+0.2436i	-1.0844+0.2853i
56.0	1.4397+0.3332i	-0.7335-0.1867i	0.0861+0.2342i	1.3845+0.4731i	-0.8812-0.1235i	3.1974-1.1759i	-1.3349+0.2168i	-0.9567+0.2047i

56.1	1.3841+0.2309i	-0.7704-0.1524i	0.1358+0.2072i	1.4003+0.4284i	-0.9543-0.1003i	3.1932-1.1254i	-1.4069+0.3577i	-1.0468+0.1418i
56.2	1.3003+0.2297i	-0.8638-0.0919i	0.1270+0.1183i	1.3504+0.3995i	-0.9597-0.0200i	3.3776-1.2197i	-1.5191+0.5448i	-1.1868+0.2244i
56.3	1.2768+0.1996i	-0.8869+0.0752i	0.1328+0.1965i	1.3411+0.3946i	-0.9962+0.1226i	3.3975-1.5726i	-1.5872+0.5520i	-1.2177+0.4152i
56.4	1.2346+0.1485i	-0.7630+0.1234i	0.2370+0.2076i	1.3787+0.3372i	-0.9686+0.3017i	3.3524-1.7684i	-1.8058+0.7733i	-1.2801+0.5843i
56.5	1.1817+0.1051i	-0.7375+0.1862i	0.2976+0.2250i	1.3578+0.2963i	-0.9761+0.3190i	3.2156-1.9764i	-1.7669+0.9643i	-1.3200+0.6326i
56.6	1.1187+0.0282i	-0.6290+0.3074i	0.4778+0.2316i	1.3485+0.2642i	-0.9234+0.4254i	2.8795-2.1165i	-1.9356+1.1501i	-1.3226+0.7079i
56.7	1.1186-0.0400i	-0.7912+0.4295i	0.4231+0.3248i	1.3119+0.2412i	-0.9526+0.3599i	2.9293-2.3099i	-1.7570+0.9552i	-1.3541+0.6658i
56.8	1.0883-0.0538i	-0.7312+0.5135i	0.4128+0.3480i	1.3020+0.2505i	-0.9706+0.4347i	2.8464-2.4464i	-1.6884+0.9757i	-1.2737+0.7684i
56.9	1.0211-0.0487i	-0.6977+0.4826i	0.4443+0.2538i	1.2757+0.2278i	-0.8824+0.4790i	2.8099-2.4522i	-1.6816+1.3290i	-1.2173+0.9054i
57.0	0.9670-0.0890i	-0.5957+0.4879i	0.4850+0.2565i	1.2864+0.1881i	-0.8177+0.5877i	2.7037-2.5080i	-1.5901+1.4119i	-1.1512+0.9382i
57.1	0.9139-0.1150i	-0.3989+0.4216i	0.5433+0.1984i	1.2957+0.1587i	-0.7277+0.6232i	2.4184-2.4783i	-1.5260+1.6506i	-1.0453+1.0451i
57.2	0.7346-0.1954i	-0.3632+0.3619i	0.6703+0.1046i	1.2637+0.1040i	-0.7929+0.6502i	2.3165-2.2920i	-1.7034+1.8573i	-1.0488+1.0243i
57.3	0.6231-0.1429i	-0.3617+0.4729i	0.7075+0.0524i	1.2124+0.1388i	-0.7854+0.6904i	2.2488-2.2393i	-1.7158+1.9964i	-1.2440+1.1241i
57.4	0.5449-0.1427i	-0.3063+0.7275i	0.7332+0.1317i	1.1969+0.1861i	-0.8270+0.7900i	2.2699-2.4161i	-2.0653+1.9387i	-1.3181+1.1222i
57.5	0.4977-0.0552i	-0.1863+0.6596i	0.6847+0.0988i	1.1861+0.1732i	-0.7242+0.8536i	2.3070-2.5647i	-1.8454+2.1995i	-1.3358+1.2024i
57.6	0.4040-0.0067i	-0.0423+0.7356i	0.7450+0.1573i	1.1778+0.1738i	-0.6729+0.8484i	2.2173-2.7566i	-1.9416+2.3124i	-1.4222+1.1768i
57.7	0.3791+0.0802i	0.0854+0.6137i	0.7089+0.0495i	1.2027+0.1847i	-0.5282+0.9187i	2.0978-2.6942i	-1.4159+2.7460i	-1.2269+1.4677i
57.8	0.3341+0.1528i	0.1172+0.5256i	0.6902+0.0202i	1.1984+0.1534i	-0.4423+1.0124i	2.1709-2.7632i	-1.1726+2.7949i	-1.1984+1.5441i
57.9	0.2853+0.1947i	0.2284+0.5374i	0.8049+0.1049i	1.1982+0.1415i	-0.4377+1.0203i	2.0328-2.9645i	-1.3345+2.7667i	-1.1810+1.6241i
58.0	0.2617+0.2357i	0.3323+0.6378i	0.8458+0.1607i	1.2262+0.1544i	-0.3903+1.0206i	1.9228-3.2219i	-1.3800+2.7004i	-1.1312+1.6077i
58.1	0.2448+0.3310i	0.4403+0.4698i	0.8488+0.0095i	1.2166+0.1386i	-0.2694+1.0776i	1.7608-3.1348i	-1.0871+3.2217i	-1.1789+1.8104i
58.2	0.2478+0.4832i	0.5589+0.0873i	0.8674-0.0852i	1.1877+0.0732i	-0.0413+0.9263i	1.5558-3.2586i	-0.8670+3.6795i	-0.9423+1.9489i
58.3	0.3047+0.5506i	0.3357-0.1020i	0.7905-0.0735i	1.1696+0.0296i	-0.1606+0.8684i	1.6103-3.3632i	-0.5929+3.7738i	-0.8794+2.0486i
58.4	0.3632+0.6024i	0.0550+0.0011i	0.7010-0.0102i	1.1088+0.0469i	-0.2229+0.9118i	1.6573-3.5897i	-0.1322+3.7410i	-0.7346+2.2475i
58.5	0.3867+0.6300i	0.0683+0.0921i	0.7650+0.0052i	1.0865+0.0862i	-0.1651+0.9450i	1.3140-3.5937i	0.2207+3.6403i	-0.6188+2.2297i
58.6	0.4089+0.7088i	0.1812+0.1007i	0.7914-0.0274i	1.0897+0.0994i	0.0788+0.9910i	1.0131-3.6317i	0.6912+3.8563i	-0.5028+2.3415i
58.7	0.3912+0.7775i	0.2991+0.0182i	0.8916-0.0754i	1.0628+0.0955i	0.1863+0.9804i	0.7197-3.5949i	0.6054+4.2921i	-0.4812+2.3416i
58.8	0.4699+0.8547i	0.2287-0.0712i	0.8532-0.0896i	1.0394+0.1295i	0.2223+0.9225i	0.5660-3.5152i	1.1130+4.0583i	-0.3098+2.3965i
58.9	0.5482+0.8880i	0.2101-0.1069i	0.7906-0.0943i	1.0754+0.1454i	0.2447+0.8277i	0.5710-3.3921i	1.6370+3.6028i	-0.1315+2.4478i
59.0	0.6383+0.9049i	0.1679-0.1474i	0.8011-0.0746i	1.0771+0.1606i	0.3136+0.7114i	0.2978-3.2436i	2.0423+2.9590i	0.1963+2.4247i
59.1	0.6813+0.9357i	0.1819-0.2747i	0.8777-0.0972i	1.0725+0.1454i	0.3545+0.6121i	0.1033-3.1424i	2.0043+3.0272i	0.2937+2.2853i
59.2	0.7515+0.9457i	0.1548-0.3678i	0.9268-0.0850i	1.0753+0.1507i	0.3519+0.5004i	-0.0778-3.0079i	1.9308+2.9739i	0.3830+1.9922i
59.3	0.8159+0.9382i	0.1243-0.4005i	0.9561-0.0981i	1.0897+0.1712i	0.3574+0.5330i	-0.1197-2.8239i	1.8060+2.9471i	0.3800+1.8880i
59.4	0.9154+0.8992i	0.0309-0.4374i	0.9613-0.0623i	1.1094+0.1783i	0.3039+0.4479i	-0.1986-2.6285i	1.8220+2.4180i	0.4506+1.6640i
59.5	1.0002+0.9097i	-0.0594-0.5327i	0.9510-0.0963i	1.1107+0.2160i	0.2175+0.3086i	-0.2695-2.3901i	2.2023+2.3217i	0.4495+1.6960i
59.6	1.0823+0.8660i	-0.2054-0.5827i	0.9171-0.1271i	1.1426+0.2263i	0.1210+0.3339i	-0.0770-2.1703i	2.4495+2.2118i	0.4855+1.7245i
59.7	1.1468+0.7999i	-0.3592-0.5658i	0.9313-0.1031i	1.1536+0.2385i	0.0285+0.2817i	-0.0157-2.0261i	2.3297+2.0152i	0.4965+1.5073i
59.8	1.1651+0.7423i	-0.4625-0.5688i	0.9904-0.1100i	1.1814+0.2358i	-0.0716+0.2739i	0.1322-1.8573i	2.3070+2.0434i	0.2989+1.3694i
59.9	1.1765+0.6769i	-0.4894-0.5074i	1.0450-0.1612i	1.2598+0.2486i	-0.1184+0.3477i	0.3412-1.7484i	2.1968+2.2455i	0.1083+1.5053i
60.0	1.1921+0.5704i	-0.5906-0.4184i	1.1042-0.1866i	1.3201+0.2410i	-0.2636+0.4264i	0.5777-1.7067i	2.1567+2.2677i	0.0399+1.5863i
60.1	1.1909+0.4799i	-0.6390-0.3130i	1.0808-0.1034i	1.3778+0.2274i	-0.2746+0.5429i	0.7570-1.7688i	2.4558+2.0224i	0.0190+1.5412i
60.2	1.1658+0.4021i	-0.6814-0.2008i	1.0420-0.0955i	1.4563+0.1851i	-0.2244+0.6515i	1.0200-1.8790i	2.8772+1.7668i	0.0408+1.6989i
60.3	1.1572+0.3335i	-0.7791-0.0472i	1.0440-0.1048i	1.5210+0.1540i	-0.1789+0.7797i	1.2163-2.0450i	3.0666+1.3421i	0.1365+1.8315i
60.4	1.1103+0.3033i	-0.8008+0.0863i	1.0820-0.1341i	1.5770+0.0592i	-0.1116+0.8581i	1.3612-2.3560i	3.1699+1.2476i	0.2507+1.8794i
60.5	1.0159+0.2704i	-0.6811+0.1980i	1.1284-0.1146i	1.6123-0.0101i	-0.0000+0.9444i	1.3708-2.5388i	3.2437+1.0522i	0.2242+1.8663i
60.6	0.9467+0.2609i	-0.6171+0.2866i	1.1763-0.0788i	1.6212-0.0538i	0.1170+0.9755i	1.4001-2.7284i	2.9449+0.8397i	0.0930+1.7834i
60.7	0.8671+0.2941i	-0.5098+0.3163i	1.2579-0.1451i	1.6710-0.1275i	0.1965+0.9968i	1.3730-2.9350i	3.2741+0.8997i	0.1740+2.1464i
60.8	0.8172+0.3378i	-0.4517+0.3040i	1.2250-0.1490i	1.6752-0.2479i	0.3735+0.9173i	1.3414-3.2356i	3.4925+0.3380i	0.5918+2.2169i
60.9	0.8012+0.3892i	-0.3951+0.2650i	1.2582-0.1540i	1.6222-0.3030i	0.3470+0.8670i	1.1559-3.2550i	3.0750+0.0695i	0.6693+2.0659i
61.0	0.7951+0.4355i	-0.3346+0.2929i	1.3195-0.1525i	1.5626-0.3820i	0.4283+0.7128i	0.9317-3.4713i	2.9000-0.1392i	0.5342+1.8827i
61.1	0.7809+0.4722i	-0.2704+0.2720i	1.3316-0.1933i	1.5084-0.4496i	0.5181+0.6856i	0.7258-3.5830i	3.0322-0.1921i	0.6764+1.8787i
61.2	0.7664+0.5139i	-0.2339+0.2275i	1.4138-0.2318i	1.4556-0.5521i	0.5293+0.6878i	0.5372-3.8299i	2.7764-0.2907i	0.7004+1.9526i
61.3	0.7739+0.5275i	-0.1951+0.2662i	1.4658-0.2343i	1.4033-0.5791i	0.5364+0.6297i	0.3033-3.9418i	2.3354-0.4450i	0.5884+1.8628i
61.4	0.7776+0.5565i	-0.1597+0.2537i	1.4772-0.2719i	1.3686-0.6248i	0.5862+0.6087i	0.1560-3.9381i	2.2207-0.6903i	0.8639+1.7557i
61.5	0.8089+0.6392i	-0.1956+0.1402i	1.4651-0.4331i	1.3254-0.6706i	0.6270+0.5801i	0.0740-3.8151i	2.8733-0.8942i	1.1482+2.1308i
61.6	0.8208+0.6676i	-0.1670+0.0903i	1.4869-0.4983i	1.3054-0.7022i	0.6800+0.5123i	-0.0535-3.8333i	2.6515-0.7634i	1.1268+2.3407i
61.7	0.8404+0.6784i	-0.1332+0.1249i	1.5074-0.4817i	1.2688-0.7049i	0.6725+0.4182i	-0.1711-3.8191i	2.1136-0.9399i	1.0101+2.0064i
61.8	0.8664+0.7290i	-0.1444+0.1390i	1.4986-0.5389i	1.2358-0.7116i	0.6652+0.4356i	-0.2138-3.7707i	1.9109-0.9844i	1.1357+1.9218i
61.9	0.9048+0.7459i	-0.1578+0.0766i	1.4623-0.5622i	1.1511-0.7257i	0.6874+0.3823i	-0.3817-3.7485i	1.8440-1.2769i	1.2860+1.8429i
62.0	0.9276+0.7696i	-0.1473+0.0481i	1.4700-0.5589i	1.0906-0.7405i	0.7236+0.3346i	-0.5752-3.7755i	1.7018-1.0769i	1.2501+1.5556i
62.1	0.9505+0.8150i	-0.1563+0.0122i	1.5003-0.6153i	1.0380-0.7628i	0.7123+0.2912i	-0.7642-3.7487i	1.7804-0.9761i	1.2687+1.4975i
62.2	0.9971+0.8229i	-0.1584+0.0016i	1.5010-0.6555i	0.9978-0.7750i	0.6722+0.2700i	-0.8735-3.6884i	1.7629-0.9190i	1.3350+1.5301i
62.3	1.0372+0.8371i	-0.1612-0.0767i	1.4798-0.7255i	0.9709-0.7991i	0.6734+0.2296i	-0.8861-3.5842i	1.9463-0.9948i	1.5649+1.7837i

62.4	1.0777+0.8492i	-0.1686-0.0656i	1.5273-0.7700i	0.9304-0.7675i	0.6502+0.2173i	-0.9815-3.4379i	1.6986-0.7693i	1.2859+1.8835i
62.5	1.1475+0.8425i	-0.2073-0.0669i	1.4975-0.7892i	0.8685-0.7421i	0.5958+0.1688i	-1.1631-3.3764i	1.7726-1.0787i	1.4012+1.8338i
62.6	1.1691+0.8214i	-0.2154-0.0564i	1.5244-0.7669i	0.8249-0.7380i	0.5276+0.0753i	-1.2080-3.3236i	1.3060-1.1301i	1.1056+1.6252i
62.7	1.1825+0.8042i	-0.1890-0.0582i	1.5664-0.7737i	0.7888-0.7168i	0.5269+0.0808i	-1.3216-3.2515i	1.0080-0.9538i	0.8679+1.7234i
62.8	1.2272+0.8474i	-0.2762-0.1104i	1.5627-0.8732i	0.7632-0.7040i	0.5828+0.0679i	-1.3329-3.1103i	1.4824-1.1184i	1.1849+1.9089i
62.9	1.2519+0.8577i	-0.3236-0.1212i	1.5665-0.9138i	0.7420-0.7148i	0.4720+0.0719i	-1.2687-3.0811i	1.5823-1.0186i	1.4692+1.7954i
63.0	1.3148+0.8202i	-0.2937-0.0372i	1.5795-0.9119i	0.7057-0.6872i	0.3989+0.0435i	-1.3603-3.1364i	1.1906-0.5593i	1.2346+1.7278i
63.1	1.3443+0.8522i	-0.3016-0.0905i	1.5960-0.9907i	0.6903-0.6760i	0.4231+0.0672i	-1.4041-2.9876i	1.1685-0.5669i	1.2459+1.8344i
63.2	1.3636+0.8701i	-0.3439-0.1253i	1.5684-1.0271i	0.6681-0.6749i	0.4695+0.0874i	-1.4163-2.8655i	1.2211-0.9321i	1.4608+1.6874i
63.3	1.4416+0.8817i	-0.3861-0.1132i	1.5673-1.1198i	0.6514-0.6423i	0.5037-0.0227i	-1.3742-2.7630i	1.2817-0.8686i	1.3657+1.8713i
63.4	1.5230+0.8437i	-0.4198-0.1083i	1.5461-1.1751i	0.6010-0.6108i	0.4720-0.0137i	-1.4666-2.6447i	1.2290-1.0667i	1.2152+1.9049i
63.5	1.5732+0.8050i	-0.4323-0.1164i	1.4813-1.2054i	0.5661-0.5859i	0.4583-0.0012i	-1.5052-2.5963i	1.4316-1.2506i	1.4375+2.0036i
63.6	1.6207+0.7595i	-0.4456-0.0639i	1.4545-1.2235i	0.5446-0.5598i	0.4004-0.0040i	-1.5513-2.6150i	1.6002-1.0723i	1.6852+2.1275i
63.7	1.6530+0.7619i	-0.4754-0.0980i	1.4333-1.2592i	0.5388-0.5578i	0.4474+0.0834i	-1.4511-2.5337i	1.6655-1.2623i	1.8411+2.0576i
63.8	1.6728+0.7290i	-0.4658-0.1029i	1.4410-1.2858i	0.5245-0.5165i	0.4760+0.0649i	-1.4914-2.4827i	1.2752-1.2424i	1.6168+2.1912i
63.9	1.7103+0.6730i	-0.4865-0.0502i	1.4233-1.2879i	0.5071-0.4738i	0.4518+0.0180i	-1.4857-2.4626i	1.3168-1.3571i	1.6238+1.9791i
64.0	1.7326+0.6547i	-0.4930-0.0643i	1.4292-1.3412i	0.5117-0.4399i	0.4782-0.0643i	-1.4484-2.3544i	1.4063-1.2702i	1.6814+2.2371i
64.1	1.8014+0.6273i	-0.5319-0.0512i	1.4104-1.3889i	0.5109-0.4189i	0.4580-0.0859i	-1.3518-2.3163i	1.5496-1.3074i	1.9019+2.0990i
64.2	1.8088+0.5911i	-0.5367-0.0179i	1.4006-1.4019i	0.5214-0.3883i	0.4115-0.0920i	-1.3884-2.2608i	1.3674-1.2930i	2.0614+2.2761i
64.3	1.8112+0.5595i	-0.5691-0.0130i	1.4012-1.4195i	0.5242-0.3833i	0.4155-0.1360i	-1.4310-2.2378i	1.0608-1.1721i	2.2713+2.4544i
64.4	1.8524+0.5283i	-0.5882-0.0049i	1.3788-1.4360i	0.5235-0.3668i	0.3859-0.1661i	-1.4504-2.2992i	0.9957-1.3455i	2.3490+2.4938i
64.5	1.8829+0.5084i	-0.5934-0.0266i	1.3830-1.5481i	0.5247-0.3501i	0.3137-0.1741i	-1.4113-2.2226i	1.3090-1.5762i	2.2435+2.5538i
64.6	1.9057+0.4599i	-0.5929+0.0168i	1.4129-1.5913i	0.5200-0.3329i	0.2781-0.2008i	-1.4634-2.1781i	1.1611-1.4924i	2.2627+2.5181i
64.7	1.9203+0.4532i	-0.6328+0.0006i	1.3864-1.6469i	0.5256-0.3226i	0.2770-0.2163i	-1.4050-2.0958i	1.0936-1.5720i	2.5299+2.5865i
64.8	1.9171+0.3896i	-0.6297+0.0364i	1.3604-1.6947i	0.5183-0.2920i	0.2443-0.2010i	-1.4925-2.0596i	1.1296-1.6294i	2.5675+2.6973i
64.9	1.9462+0.3394i	-0.6569+0.0824i	1.3352-1.6989i	0.5064-0.2671i	0.2240-0.1916i	-1.5423-2.1126i	1.1087-1.7594i	2.7806+2.5361i
65.0	1.9866+0.3156i	-0.7164+0.0909i	1.2907-1.7550i	0.5130-0.2692i	0.1749-0.2644i	-1.4619-2.0384i	0.9794-1.8666i	3.2653+2.5119i
65.1	1.9845+0.2695i	-0.6718+0.0719i	1.2545-1.8385i	0.5438-0.2332i	0.1103-0.2346i	-1.4215-1.9350i	1.1881-2.0919i	3.5009+2.8405i
65.2	2.0228+0.1726i	-0.6990+0.1477i	1.1945-1.8976i	0.5509-0.2062i	0.1190-0.1891i	-1.4282-2.0038i	1.0884-2.1425i	3.8485+2.7744i
65.3	2.0498+0.1138i	-0.7302+0.2128i	1.1601-1.9637i	0.5395-0.1518i	0.1299-0.1827i	-1.3452-2.0413i	1.0060-2.2000i	3.8887+2.8185i
65.4	2.0343+0.0536i	-0.7572+0.2523i	1.1273-1.9801i	0.5494-0.1437i	0.0755-0.2090i	-1.3976-1.9847i	0.6387-2.5341i	4.0802+2.6229i
65.5	1.9623+0.0526i	-0.6937+0.2331i	1.1053-2.0647i	0.6003-0.0851i	0.0365-0.2211i	-1.4200-1.8501i	0.7775-2.2154i	4.3134+3.1746i
65.6	1.9726-0.0165i	-0.6507+0.3037i	1.0063-2.0931i	0.6622-0.0577i	-0.0163-0.2308i	-1.3529-1.9345i	0.4551-2.2069i	4.6032+3.0531i
65.7	1.9796-0.0212i	-0.6674+0.3133i	0.9536-2.2118i	0.6810-0.0543i	-0.1007-0.0968i	-1.2502-1.8673i	0.5391-2.1742i	5.0378+3.0093i
65.8	1.8785-0.0615i	-0.6125+0.3211i	0.8907-2.1658i	0.6743-0.0880i	-0.0451-0.1726i	-1.2834-1.8226i	0.0437-2.1652i	4.9628+2.5783i
65.9	1.9056-0.0771i	-0.6634+0.3632i	0.8417-2.1940i	0.6882-0.0949i	-0.0727-0.1725i	-1.2212-1.8266i	-0.1198-2.3618i	5.3373+2.2755i
66.0	1.8826-0.0978i	-0.6516+0.3757i	0.7733-2.2932i	0.7102-0.0938i	-0.0922-0.1192i	-1.1532-1.7882i	-0.1561-2.5236i	5.6176+2.2349i
66.1	1.8596-0.1372i	-0.6115+0.4150i	0.6250-2.3877i	0.7345-0.0658i	-0.0412-0.0834i	-1.0649-1.8244i	-0.1014-2.5865i	5.8389+2.1159i
66.2	1.8220-0.1669i	-0.5996+0.4583i	0.4808-2.3279i	0.7187-0.0635i	-0.0455-0.0769i	-0.9668-1.8890i	-0.3920-2.7242i	6.0469+1.2679i
66.3	1.8100-0.1249i	-0.6053+0.4621i	0.4142-2.3761i	0.7384-0.0172i	-0.0864-0.0730i	-0.9331-1.9012i	-0.5513-2.6449i	6.3295+1.3104i
66.4	1.7770-0.1051i	-0.5783+0.4773i	0.3277-2.3883i	0.7754+0.0115i	-0.1007-0.0497i	-0.9398-1.9120i	-0.7477-2.6128i	6.4895+1.1057i
66.5	1.7922-0.1036i	-0.5548+0.5079i	0.1774-2.3125i	0.8452+0.0170i	-0.0730-0.0177i	-0.8900-2.0079i	-1.0226-2.6128i	6.9856+0.6062i
66.6	1.8135-0.1073i	-0.5268+0.5354i	0.0543-2.2510i	0.9312+0.0120i	-0.0687+0.0080i	-0.8305-2.2278i	-1.3934-2.8204i	7.2150+0.0819i
66.7	1.7805-0.0681i	-0.5203+0.5095i	-0.0103-2.1975i	0.9641-0.0102i	-0.0691+0.0869i	-0.8381-2.3109i	-1.5392-2.9994i	7.3360-0.3590i
66.8	1.7574-0.0148i	-0.4322+0.5151i	-0.0120-2.1238i	0.9872+0.0021i	-0.1312+0.0890i	-0.8866-2.3076i	-1.4153-2.4053i	7.0373-0.8875i
66.9	1.7755-0.0027i	-0.4373+0.4948i	-0.0944-2.0380i	1.0268-0.0287i	-0.1389+0.0850i	-0.9314-2.3431i	-1.5763-2.3911i	7.1400-1.1662i
67.0	1.8212+0.0509i	-0.4392+0.4681i	-0.1536-2.0024i	1.0753-0.0475i	-0.1869+0.0824i	-0.9363-2.4429i	-2.0670-2.1302i	7.0833-1.5317i
67.1	1.8626+0.0517i	-0.4338+0.4609i	-0.2451-1.9794i	1.1172-0.0814i	-0.1687+0.0701i	-0.9531-2.4615i	-2.0919-2.1221i	7.0754-1.8505i
67.2	1.8747+0.0550i	-0.4077+0.4937i	-0.2560-1.8705i	1.1254-0.1244i	-0.1371+0.1374i	-1.0473-2.5793i	-2.3142-1.6867i	6.9581-2.5427i
67.3	1.9076+0.0467i	-0.4064+0.5011i	-0.2906-1.7235i	1.1375-0.1918i	-0.0770+0.1580i	-1.0513-2.7228i	-2.6648-1.4178i	6.7231-3.4409i
67.4	2.0000+0.0702i	-0.4316+0.5151i	-0.3779-1.7165i	1.1851-0.1968i	-0.0836+0.0874i	-0.9992-2.7539i	-2.6456-1.4180i	7.0902-3.4452i
67.5	2.0711+0.0818i	-0.4023+0.5167i	-0.4516-1.7197i	1.2140-0.2022i	-0.0535+0.0634i	-1.0569-2.7438i	-2.1919-1.2096i	6.9835-3.3569i
67.6	2.1054+0.0765i	-0.4154+0.4994i	-0.4536-1.6861i	1.2208-0.2394i	0.0029+0.0614i	-1.1489-2.7595i	-2.0412-1.0203i	6.6319-3.2636i
67.7	2.1508+0.0235i	-0.4175+0.4746i	-0.4433-1.5150i	1.2071-0.3408i	-0.0733+0.0581i	-1.2380-2.8983i	-2.0803-1.0523i	6.4987-4.2258i
67.8	2.1920-0.0399i	-0.4262+0.5292i	-0.4513-1.3833i	1.1538-0.3718i	-0.1084-0.0056i	-1.2640-2.9946i	-2.5787-0.6353i	6.0756-4.9792i
67.9	2.2344-0.0653i	-0.4050+0.5676i	-0.4411-1.3032i	1.1519-0.3731i	-0.1669-0.0008i	-1.3363-3.1035i	-2.7208-0.3230i	5.8201-5.2405i
68.0	2.2531-0.0869i	-0.3944+0.5834i	-0.4289-1.2264i	1.1074-0.3650i	-0.2063+0.0037i	-1.3761-3.2054i	-2.7469-0.0101i	5.5281-5.6185i
68.1	2.2545-0.1244i	-0.3937+0.5454i	-0.4109-1.1742i	1.1006-0.4033i	-0.2898+0.0794i	-1.5109-3.2534i	-2.3633-0.0134i	5.3389-5.3332i
68.2	2.2516-0.1763i	-0.3622+0.5440i	-0.3966-1.0914i	1.1272-0.4176i	-0.3343+0.0770i	-1.7242-3.3323i	-1.9910-0.2859i	5.2030-5.3196i
68.3	2.2833-0.2416i	-0.3137+0.5781i	-0.3626-1.0539i	1.1605-0.4042i	-0.3597+0.1546i	-1.8561-3.3845i	-1.8630-0.0581i	4.6725-5.5408i
68.4	2.2987-0.3121i	-0.3199+0.6279i	-0.2963-0.9178i	1.1351-0.4554i	-0.3387+0.1673i	-1.9527-3.5425i	-2.4136+0.0973i	4.6050-6.3924i
68.5	2.3012-0.2862i	-0.3194+0.6467i	-0.2025-0.8033i	1.1306-0.4321i	-0.3955+0.1735i	-2.1361-3.6299i	-2.6860+0.2584i	4.2807-6.7948i
68.6	2.2887-0.2784i	-0.2771+0.6208i	-0.1548-0.8417i	1.1729-0.4213i	-0.3640+0.2835i	-2.3740-3.5573i	-2.3748+0.4067i	3.9401-6.0064i

68.7	2.2720-0.2774i	-0.2072+0.5969i	-0.0699-0.8876i	1.1923-0.4113i	-0.3677+0.3404i	-2.5892-3.4858i	-2.1054+0.5066i	3.4361-5.6062i
68.8	2.2928-0.2780i	-0.2160+0.6037i	-0.0173-0.8742i	1.1643-0.4103i	-0.3295+0.4084i	-2.7337-3.4028i	-2.0575+0.5518i	3.3158-6.0158i
68.9	2.3560-0.2354i	-0.1994+0.6085i	0.0170-0.7956i	1.2170-0.3834i	-0.3510+0.4092i	-2.8592-3.4805i	-1.9702+0.6302i	3.4187-6.0424i
69.0	2.3634-0.2387i	-0.1410+0.6138i	0.0727-0.8262i	1.2284-0.3787i	-0.4263+0.4580i	-3.0761-3.3902i	-1.8240+0.6233i	2.9642-6.0736i
69.1	2.3838-0.2598i	-0.1059+0.6122i	0.1417-0.8583i	1.2307-0.4262i	-0.3720+0.5278i	-3.2888-3.2733i	-1.9029+1.2626i	2.9161-6.1238i
69.2	2.4225-0.2137i	-0.0615+0.6222i	0.1227-0.7687i	1.2415-0.3731i	-0.3682+0.5917i	-3.4052-3.3441i	-1.8962+1.5999i	2.4607-6.5848i
69.3	2.4529-0.1850i	0.0065+0.5719i	0.0796-0.8053i	1.2989-0.3630i	-0.3306+0.5703i	-3.4958-3.1697i	-1.7865+1.4541i	2.1966-6.2249i
69.4	2.5821-0.2087i	0.0224+0.5559i	0.2043-0.7645i	1.3825-0.4267i	-0.2542+0.5958i	-3.7701-3.0726i	-1.3963+1.5983i	2.2482-6.6391i
69.5	2.6636-0.2172i	0.0195+0.5307i	0.2375-0.6933i	1.4106-0.4630i	-0.2772+0.5904i	-3.8449-3.0309i	-1.2747+1.8366i	2.1243-6.7071i
69.6	2.7579-0.2213i	0.0961+0.5127i	0.3887-0.6892i	1.4298-0.4537i	-0.3697+0.6201i	-4.0681-2.9851i	-1.2640+1.9690i	1.3619-6.9101i
69.7	2.7481-0.2273i	0.1156+0.4625i	0.3587-0.6139i	1.3920-0.4223i	-0.4027+0.5965i	-4.0556-2.9277i	-0.9766+1.6024i	1.2838-6.8799i
69.8	2.8320-0.2657i	0.1058+0.4174i	0.3799-0.6170i	1.4397-0.4633i	-0.3986+0.6620i	-4.1640-2.8012i	-0.9406+1.4392i	1.4799-7.1135i
69.9	2.9525-0.3127i	0.1408+0.3444i	0.5104-0.6529i	1.5019-0.5250i	-0.4514+0.8662i	-4.4023-2.6398i	-0.9351+1.6392i	0.9649-7.3039i
70.0	3.1186-0.2902i	0.1558+0.2959i	0.7167-0.6131i	1.6277-0.5209i	-0.4643+1.0000i	-4.6960-2.6135i	-1.0311+1.9447i	0.3177-7.2534i
70.1	3.2396-0.1769i	0.1237+0.2174i	0.8176-0.5327i	1.7226-0.4811i	-0.4758+1.0888i	-4.8519-2.6359i	-0.9882+1.5620i	0.5568-6.9621i
70.2	3.3790-0.2417i	0.0683+0.1267i	0.8372-0.5002i	1.7643-0.5811i	-0.4286+1.1915i	-4.9639-2.4402i	-1.1084+1.2965i	0.7620-6.8667i
70.3	3.5513-0.2719i	0.0594+0.0795i	1.0440-0.5617i	1.8204-0.6210i	-0.3378+1.2980i	-5.2348-2.2724i	-0.8954+1.4666i	0.0120-6.9855i
70.4	3.7258-0.4630i	0.0189+0.0452i	1.1836-0.7336i	1.8299-0.7895i	-0.2046+1.4330i	-5.4178-1.9594i	-0.2250+1.4434i	-0.3664-7.4486i
70.5	3.9455-0.6137i	-0.0518+0.0111i	1.2642-0.9402i	1.8629-0.9324i	-0.0277+1.4679i	-5.5578-1.6444i	-0.1370+1.4488i	-0.2391-7.4587i
70.6	4.1231-0.7391i	-0.1038-0.0438i	1.3890-1.0517i	1.9158-0.9842i	0.0262+1.4640i	-5.7266-1.3515i	-0.3016+1.4757i	-0.6374-7.2042i
70.7	4.2850-0.9827i	-0.2195-0.0045i	1.4584-1.1427i	1.9048-1.0599i	0.0938+1.4992i	-5.8268-1.1046i	-0.6317+1.3313i	-0.7085-7.5683i
70.8	4.5412-1.1987i	-0.2881-0.0134i	1.5946-1.3051i	1.9811-1.1628i	0.2035+1.5339i	-6.0601-0.7768i	-0.5232+1.3506i	-0.6821-7.5963i
70.9	4.7223-1.4481i	-0.2989-0.0440i	1.7055-1.4948i	2.0706-1.2560i	0.2615+1.5656i	-6.2186-0.4300i	0.0385+1.4175i	-0.8407-7.5546i
71.0	4.7227-1.7939i	-0.3494-0.0598i	1.6135-1.6994i	2.0512-1.4182i	0.3322+1.6028i	-6.0924+0.0162i	-0.1918+1.4385i	-0.8825-7.2014i
71.1	4.6009-2.2129i	-0.3401+0.0296i	1.5306-1.9315i	1.9564-1.5770i	0.3507+1.5477i	-5.9486+0.4117i	-0.1770+1.4988i	-1.7418-7.5224i
71.2	4.5893-2.4303i	-0.3477+0.0388i	1.5418-2.1115i	1.9496-1.6404i	0.4771+1.6039i	-5.9180+0.6855i	0.1850+1.3829i	-2.3201-7.6459i
71.3	4.6846-2.8949i	-0.4457-0.0109i	1.5264-2.4847i	2.0008-1.9220i	0.6720+1.7264i	-5.8520+1.3111i	-0.0533+1.3471i	-2.3332-7.1074i
71.4	4.6736-3.0660i	-0.4857-0.0132i	1.6132-2.5319i	1.9559-1.9912i	0.7129+1.7584i	-5.8766+1.4920i	-0.0480+1.5615i	-2.7290-7.3979i
71.5	4.5164-3.3784i	-0.5075-0.0092i	1.3427-2.7050i	1.8364-2.1200i	0.7929+1.7912i	-5.5717+1.8156i	-0.1174+1.3529i	-3.1017-7.2052i
71.6	4.2811-3.6190i	-0.5298-0.0096i	1.0869-2.7668i	1.7083-2.1807i	0.9692+1.8770i	-5.2904+2.0451i	-0.1009+0.9651i	-3.2924-6.8632i
71.7	4.1820-3.9409i	-0.5810+0.0401i	1.0052-3.0428i	1.6557-2.3019i	1.1785+1.8437i	-5.1321+2.3972i	0.2111+1.2402i	-3.7861-6.9753i
71.8	4.1154-4.3202i	-0.6501+0.0708i	0.9849-3.2932i	1.6160-2.4846i	1.3640+1.8022i	-4.9985+2.7619i	0.3764+1.3801i	-4.4090-7.2285i
71.9	3.7997-4.6437i	-0.7284+0.0788i	0.6708-3.4253i	1.4346-2.6127i	1.5756+1.7209i	-4.5770+3.0552i	0.2566+1.0614i	-4.7450-7.0385i
72.0	3.5970-4.7662i	-0.7609+0.1617i	0.5318-3.4485i	1.3179-2.6037i	1.6380+1.6378i	-4.4146+3.0617i	0.0430+1.3487i	-5.2139-7.1898i
72.1	3.1199-4.8823i	-0.7231+0.2299i	0.1518-3.3587i	1.1009-2.6298i	1.8708+1.4856i	-3.9755+3.1024i	-0.0281+1.2917i	-5.8116-6.5073i
72.2	2.8071-5.1205i	-0.7466+0.2642i	-0.1730-3.4585i	0.9746-2.7628i	2.0221+1.2807i	-3.6087+3.3876i	0.0913+0.9046i	-5.9577-5.7245i
72.3	2.6135-5.2931i	-0.7705+0.3268i	-0.2372-3.5677i	0.9276-2.8609i	2.0593+1.1323i	-3.5158+3.6193i	0.3872+1.0950i	-6.2232-5.4556i
72.4	2.3925-5.5207i	-0.7890+0.4155i	-0.2444-3.7541i	0.8145-3.0445i	2.1018+1.0019i	-3.3475+3.9360i	0.4188+1.3902i	-6.7380-5.5771i
72.5	2.0793-5.6124i	-0.8783+0.4928i	-0.5614-3.7771i	0.6037-3.1202i	2.2219+0.7625i	-2.8591+4.1107i	0.2702+1.0968i	-6.1964-5.1601i
72.6	1.9481-5.5612i	-0.9152+0.4958i	-0.7357-3.6219i	0.5360-3.0558i	2.3055+0.6359i	-2.6587+4.1065i	0.4489+1.1263i	-6.0601-4.6315i
72.7	1.6842-5.5723i	-0.8787+0.5407i	-0.8354-3.4373i	0.4293-3.0220i	2.2637+0.5111i	-2.4432+4.1246i	0.0856+1.3470i	-6.6809-4.0694i
72.8	1.3408-5.5727i	-0.8602+0.5513i	-1.0467-3.3913i	0.2400-3.0311i	2.3269+0.4313i	-2.0611+4.2254i	0.1717+1.1586i	-7.0347-3.2732i
72.9	1.0311-5.5048i	-0.8062+0.5815i	-1.2941-3.2774i	0.0507-2.9836i	2.2645+0.2528i	-1.6961+4.1731i	0.3523+1.3221i	-7.0350-2.8872i
73.0	0.7101-5.6668i	-0.7772+0.7343i	-1.6076-3.4273i	-0.1806-3.1023i	2.2473+0.0366i	-1.2264+4.3607i	0.5102+1.3591i	-7.0748-2.7326i
73.1	0.5619-5.5082i	-0.7872+0.7348i	-1.6429-3.3624i	-0.2488-3.0527i	2.1211-0.0439i	-1.0281+4.3808i	0.6930+0.9758i	-6.8062-2.3437i
73.2	0.2343-5.3185i	-0.7232+0.7802i	-1.7941-3.1472i	-0.4779-2.9445i	2.0654-0.1406i	-0.6284+4.1622i	0.6863+1.1679i	-6.6302-1.9462i
73.3	-0.0779-5.3415i	-0.7130+0.8446i	-2.0731-3.1137i	-0.7176-2.9778i	2.0167-0.3161i	-0.0244+4.2172i	0.2981+1.0809i	-6.4212-1.5469i
73.4	-0.1639-5.2752i	-0.6866+0.8579i	-2.0624-3.0323i	-0.7531-2.9446i	1.9314-0.3239i	0.1627+4.2450i	0.2599+0.9240i	-6.3116-1.4777i
73.5	-0.3555-5.1398i	-0.6185+0.8648i	-2.2146-2.8534i	-0.8707-2.8285i	1.8650-0.3648i	0.4320+4.0737i	0.5141+0.9830i	-6.1234-1.1364i
73.6	-0.5959-5.0128i	-0.5929+0.8614i	-2.4376-2.7004i	-1.0641-2.7066i	1.8027-0.4141i	0.9393+3.8569i	0.1312+0.8744i	-5.7347-1.0794i
73.7	-0.6976-4.9527i	-0.6165+0.8552i	-2.5341-2.6159i	-1.1279-2.6405i	1.8310-0.4250i	1.2041+3.7573i	-0.0582+0.7381i	-5.5523-0.7461i
73.8	-0.8423-4.8447i	-0.6207+0.8909i	-2.5828-2.5229i	-1.2265-2.5413i	1.7906-0.5156i	1.5178+3.5120i	-0.1350+0.6512i	-5.3981-0.8965i
73.9	-1.0398-4.8017i	-0.6046+0.9440i	-2.7868-2.4517i	-1.3446-2.4930i	1.7922-0.6029i	1.8540+3.3312i	-0.2173+0.7676i	-5.2773-0.8866i
74.0	-1.1518-4.6105i	-0.5901+0.9464i	-2.9089-2.1983i	-1.3808-2.3255i	1.7403-0.6594i	1.9937+2.9794i	-0.4239+0.7597i	-5.2463-0.7913i
74.1	-1.2484-4.4238i	-0.5811+0.9286i	-2.9845-2.0434i	-1.4141-2.1937i	1.6844-0.6871i	2.1689+2.7275i	-0.5316+0.6614i	-5.3141-0.7036i
74.2	-1.3579-4.3385i	-0.5286+0.9963i	-3.0653-1.8323i	-1.4987-2.0870i	1.6447-0.7399i	2.3093+2.4510i	-0.4811+1.0004i	-5.4425-1.0495i
74.3	-1.4260-4.1826i	-0.5350+0.9902i	-3.2645-1.5419i	-1.5434-1.9502i	1.6705-0.7654i	2.4618+2.1353i	-0.7437+0.9868i	-5.5734-0.8222i
74.4	-1.5317-4.0414i	-0.4859+0.9588i	-3.2599-1.3173i	-1.5774-1.8623i	1.6327-0.8090i	2.5598+1.9580i	-0.6172+0.8042i	-5.5898-0.5270i
74.5	-1.5532-3.9470i	-0.4655+0.9754i	-3.1505-1.1892i	-1.5764-1.7946i	1.6010-0.7868i	2.5901+1.7779i	-0.4583+1.2791i	-5.5484-0.4202i
74.6	-1.6791-3.8538i	-0.4377+1.0062i	-3.0193-0.9179i	-1.6431-1.7261i	1.4866-0.8048i	2.7504+1.5572i	-0.0604+1.8544i	-5.5816-0.2386i
74.7	-1.7801-3.7526i	-0.4260+1.0333i	-3.1039-0.7334i	-1.7464-1.6205i	1.4653-0.9005i	2.9690+1.2603i	0.0331+2.2700i	-5.7540-0.2348i
74.8	-1.7857-3.6312i	-0.4146+0.9890i	-3.2110-0.6263i	-1.7300-1.4989i	1.4440-0.8920i	3.0241+1.0655i	0.3461+2.0699i	-5.8209+0.1866i
74.9	-1.7787-3.4994i	-0.4044+0.9655i	-2.9312-0.4658i	-1.6568-1.4368i	1.4529-0.9113i	2.9509+0.9322i	0.9201+1.9950i	-5.7260+0.6454i

75.0	−1.8239−3.4248i	−0.4219+1.0058i	−3.0293−0.1470i	−1.7163−1.3277i	1.4148−0.9784i	3.1612+0.6106i	0.4911+1.8807i	−5.7181+0.4001i
75.1	−1.8912−3.3241i	−0.4028+1.0288i	−2.9803+0.0681i	−1.7312−1.2468i	1.3120−0.9686i	3.2558+0.3616i	0.4206+2.0821i	−5.6290+0.5226i
75.2	−1.9346−3.1825i	−0.3980+1.0333i	−2.9596+0.1774i	−1.7846−1.1693i	1.2226−0.9393i	3.4479+0.0041i	0.5430+2.4557i	−5.5480+0.5993i
75.3	−2.0065−3.1405i	−0.3997+1.0701i	−2.6976+0.3430i	−1.8469−1.1449i	1.2217−1.0719i	3.5710−0.1724i	0.1799+2.3466i	−5.4252+0.6449i
75.4	−2.0261−3.1121i	−0.4051+1.0807i	−2.6447+0.4153i	−1.8897−1.0883i	1.2304−1.1335i	3.6527−0.3538i	0.4549+2.1574i	−5.6712+0.8878i
75.5	−2.0317−2.9881i	−0.4099+1.0920i	−2.5188+0.5960i	−1.8849−0.9510i	1.1660−1.1452i	3.7443−0.6535i	0.7925+2.1438i	−5.4710+1.1231i
75.6	−2.0606−2.8798i	−0.3749+1.1378i	−2.1311+0.8239i	−1.8817−0.8258i	1.1411−1.1775i	3.6644−0.9996i	1.0318+3.1864i	−5.6051+1.4416i
75.7	−2.0744−2.7503i	−0.3731+1.1238i	−1.9195+0.7803i	−1.8641−0.7092i	1.1220−1.2418i	3.7183−1.3111i	1.3084+2.9183i	−5.4554+1.6264i
75.8	−2.0972−2.6998i	−0.4104+1.1313i	−1.9525+0.7572i	−1.9259−0.6485i	1.1437−1.2834i	3.9858−1.5464i	1.1979+2.4771i	−5.3190+1.7470i
75.9	−2.1341−2.6862i	−0.3972+1.1301i	−1.8268+0.6804i	−1.9124−0.5799i	1.0744−1.2721i	4.0592−1.6610i	1.9359+2.1892i	−5.2446+2.1382i
76.0	−2.1695−2.5809i	−0.4325+1.2077i	−1.5964+0.7922i	−1.9454−0.4298i	1.0311−1.2877i	4.1724−2.2438i	1.5988+2.2589i	−4.7956+1.9866i
76.1	−2.1565−2.4802i	−0.4211+1.2429i	−1.3982+0.7286i	−1.8828−0.3469i	1.0002−1.2411i	4.0417−2.6443i	1.1926+2.3753i	−4.6366+1.9986i
76.2	−2.2029−2.4386i	−0.3926+1.2837i	−1.3656+0.6103i	−1.8571−0.2157i	0.9172−1.3441i	4.0528−3.0859i	1.8616+2.0916i	−4.7067+2.5047i
76.3	−2.2461−2.3516i	−0.3329+1.3448i	−1.2409+0.6090i	−1.8464−0.0470i	0.8715−1.3920i	3.8950−3.6227i	2.4256+2.6722i	−5.0099+2.4776i
76.4	−2.2454−2.2532i	−0.3365+1.4030i	−1.1243+0.5340i	−1.7665+0.0429i	0.8395−1.3774i	3.7606−4.1085i	1.7753+2.6626i	−4.6638+2.2449i
76.5	−2.3463−2.2125i	−0.3059+1.4700i	−1.2154+0.5096i	−1.7004+0.1252i	0.8197−1.4052i	3.7491−4.5766i	2.5311+2.9251i	−4.7778+2.4557i
76.6	−2.3759−2.0625i	−0.2847+1.4758i	−1.2016+0.5329i	−1.6567+0.2208i	0.7117−1.4746i	3.6074−5.0842i	2.8483+2.6680i	−4.6727+2.9171i
76.7	−2.3809−1.8783i	−0.2256+1.4940i	−1.0945+0.5074i	−1.5627+0.3763i	0.5376−1.4225i	3.2579−5.6321i	3.3992+2.5002i	−4.5481+3.2277i
76.8	−2.3433−1.8005i	−0.1979+1.5391i	−1.0829+0.2967i	−1.4844+0.4280i	0.5214−1.4310i	2.9528−6.0181i	3.3489+2.4381i	−4.4122+3.2503i
76.9	−2.2693−1.7080i	−0.1889+1.5758i	−1.2150+0.2933i	−1.3214+0.5088i	0.4992−1.3875i	2.5040−6.4463i	2.7887+1.7964i	−4.2940+3.3162i
77.0	−2.2042−1.6698i	−0.1176+1.6165i	−1.3061+0.1274i	−1.1798+0.5215i	0.4017−1.4351i	1.9972−6.7205i	3.1259+1.9400i	−4.4102+3.3033i
77.1	−2.1672−1.5970i	−0.0949+1.6757i	−1.4382+0.1561i	−1.1099+0.5800i	0.3708−1.4037i	1.6098−7.2142i	3.4153+2.2596i	−4.2983+3.1441i
77.2	−2.0616−1.5322i	−0.0449+1.7050i	−1.6049+0.2302i	−0.9262+0.5886i	0.3984−1.3235i	0.8922−7.4512i	3.7138+2.3051i	−4.4059+3.4189i
77.3	−2.0629−1.4648i	0.0464+1.7085i	−1.5639+0.3808i	−0.8068+0.5436i	0.3716−1.3530i	0.2316−7.5381i	4.5227+1.8180i	−4.4710+3.8373i
77.4	−2.0500−1.4051i	0.0889+1.7862i	−1.5938+0.6702i	−0.7560+0.5242i	0.2994−1.4131i	−0.2775−7.9243i	4.5317+1.6911i	−4.3158+4.0226i
77.5	−2.0418−1.3864i	0.1222+1.8404i	−1.8120+0.9442i	−0.7355+0.5366i	0.2499−1.3667i	−0.6888−8.2937i	4.9478+1.2392i	−4.2525+4.5543i
77.6	−2.0228−1.3805i	0.1743+1.9011i	−1.8645+1.1430i	−0.7052+0.5298i	0.2818−1.3792i	−1.1364−8.6324i	5.2026+1.0723i	−4.1257+5.0526i
77.7	−1.9775−1.3332i	0.2409+1.9403i	−1.8515+1.2061i	−0.6636+0.5020i	0.2732−1.3607i	−1.8185−8.8890i	5.2522+0.9654i	−3.9570+5.3270i
77.8	−1.9560−1.3487i	0.3579+1.9766i	−1.6742+1.4164i	−0.6264+0.5125i	0.2101−1.3626i	−2.6096−8.7046i	5.9573+0.4946i	−3.8080+5.5255i
77.9	−1.9082−1.2771i	0.5065+1.9968i	−1.4386+1.6678i	−0.5138+0.5544i	0.1766−1.3443i	−3.7893−8.7353i	6.3334−0.3422i	−3.3696+5.9467i
78.0	−1.8591−1.2013i	0.5917+2.0093i	−1.2749+1.8310i	−0.4711+0.5214i	0.1245−1.3975i	−4.6432−8.7863i	5.7261−0.9978i	−2.6878+6.1969i
78.1	−1.7867−1.2220i	0.6680+1.9885i	−1.2626+1.8665i	−0.4200+0.4972i	0.1440−1.3776i	−5.2748−8.4361i	5.8242−1.3718i	−2.3837+6.3272i
78.2	−1.7435−1.2622i	0.7943+1.9525i	−0.9677+1.9450i	−0.3612+0.4756i	0.1074−1.3081i	−5.9873−7.7829i	5.7908−1.4558i	−1.9653+6.2244i
78.3	−1.7331−1.2981i	0.9396+1.9481i	−0.6945+1.9080i	−0.2977+0.4410i	0.0753−1.3161i	−6.9264−7.3297i	5.7234−1.5238i	−1.8066+5.7640i
78.4	−1.7141−1.3244i	0.9941+1.9028i	−0.6601+1.9417i	−0.2545+0.3860i	0.0840−1.3468i	−7.3041−6.8531i	5.3457−2.4569i	−1.3177+6.1024i
78.5	−1.7171−1.3470i	1.0936+1.8222i	−0.5401+1.9502i	−0.1936+0.3361i	0.0315−1.3311i	−7.8044−6.0066i	4.9878−3.2722i	−0.6999+6.1372i
78.6	−1.7743−1.3877i	1.2055+1.7692i	−0.3164+1.9485i	−0.1810+0.3071i	−0.0506−1.3048i	−8.0951−5.3429i	4.8106−3.3343i	−0.2565+6.1071i
78.7	−1.7600−1.4073i	1.2674+1.6834i	−0.2319+1.9529i	−0.1724+0.2321i	−0.0760−1.3177i	−8.2780−4.5314i	4.5208−3.7750i	0.0552+5.9499i
78.8	−1.8401−1.4381i	1.3563+1.6233i	−0.1440+2.1146i	−0.1880+0.2150i	−0.0927−1.3003i	−8.4984−3.8458i	4.2919−4.0639i	0.3058+5.9516i
78.9	−2.0175−1.5147i	1.4390+1.6135i	0.0589+2.3294i	−0.2453+0.1773i	−0.1517−1.3262i	−8.4615−3.4502i	3.8942−3.9804i	0.6075+5.7987i
79.0	−2.2878−1.5004i	1.5603+1.6255i	0.4685+2.7214i	−0.3611+0.2242i	−0.2373−1.3491i	−8.4478−3.4897i	3.6015−4.1798i	0.8882+5.6630i
79.1	−2.3826−1.2265i	1.6561+1.4993i	1.2348+2.4098i	−0.3880+0.3116i	−0.3052−1.2486i	−8.7052−3.3066i	2.5363−4.1307i	1.5253+5.2900i
79.2	−2.2470−1.0056i	1.7193+1.3303i	1.4853+1.7670i	−0.2496+0.3753i	−0.3077−1.1915i	−9.4668−2.6082i	2.4446−4.1560i	1.8709+4.8994i
79.3	−2.1640−0.9645i	1.6991+1.1396i	1.4075+1.4759i	−0.1770+0.2940i	−0.3235−1.1431i	−9.2732−1.4905i	2.1174−4.5730i	2.0059+5.0168i
79.4	−2.1275−0.9517i	1.6880+1.0182i	1.2738+1.2486i	−0.1389+0.2335i	−0.2798−1.0914i	−9.1021−0.7549i	1.6882−4.7716i	2.1209+4.6621i
79.5	−2.1025−1.0094i	1.6966+1.0063i	1.2723+1.2289i	−0.1701+0.1895i	−0.2803−1.1295i	−9.2063−0.3399i	1.6149−4.5913i	2.6553+4.4565i
79.6	−2.1240−0.8708i	1.7043+0.8680i	1.3888+0.9035i	−0.1467+0.2243i	−0.2819−1.1168i	−8.9982+0.3439i	1.6096−4.7447i	2.5661+4.0052i
79.7	−2.1508−0.7948i	1.7021+0.7364i	1.4042+0.6986i	−0.1131+0.2105i	−0.2931−1.1015i	−8.6672+1.0646i	1.2975−4.9052i	2.4264+3.7381i
79.8	−2.1922−0.7806i	1.7272+0.6730i	1.5101+0.6539i	−0.1071+0.2056i	−0.3191−1.1241i	−8.6556+1.6390i	0.9003−4.5773i	2.5081+3.3688i
79.9	−2.2243−0.7565i	1.6874+0.6092i	1.4389+0.5161i	−0.1158+0.2348i	−0.3401−1.0954i	−8.1146+1.8957i	0.4965−4.6600i	2.3014+3.1310i
80.0	−2.2106−0.7098i	1.6550+0.5551i	1.4657+0.3946i	−0.1379+0.2214i	−0.3126−1.0832i	−7.9097+2.3644i	0.2349−4.3241i	2.6151+2.8925i

2.1.84 Run 7 – VT270-200 – Accels 41–47

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	17.9291+0.0000i	10.8996+0.0000i	-5.4716+0.0000i	6.9520+0.0000i	7.8069+0.0000i	8.6179+0.0000i	3.6283+0.0000i
0.1	2.5465-0.0607i	1.6704-0.1269i	-0.8259+0.3404i	1.7607+0.2858i	1.3828-0.4383i	2.4529-1.5645i	0.9423+0.4438i
0.2	-0.1301+0.0870i	-0.1039+0.0319i	0.0572-0.1207i	0.2397+0.1046i	-0.0030-0.0808i	0.0130+0.0570i	0.1389-0.1376i
0.3	-0.0505+0.0159i	-0.0434-0.0285i	-0.0139+0.0144i	0.0015-0.0096i	-0.0422+0.0046i	-0.1246-0.0854i	0.0087-0.0542i
0.4	0.0178+0.0190i	-0.0108-0.0145i	-0.0134+0.0048i	0.0161-0.0034i	-0.0176+0.0476i	0.0196-0.0057i	-0.0179+0.0057i
0.5	-0.0026+0.0050i	0.0003-0.0069i	-0.0236-0.0084i	0.0166-0.0222i	0.0376+0.0164i	0.0221+0.0229i	-0.0171+0.0048i
0.6	-0.0096+0.0116i	0.0065+0.0044i	-0.0056+0.0042i	0.0010-0.0076i	0.0292-0.0046i	-0.0068-0.0062i	-0.0010-0.0019i
0.7	-0.0084-0.0004i	0.0034+0.0049i	-0.0096-0.0055i	0.0001+0.0044i	0.0111-0.0044i	-0.0024-0.0076i	0.0004+0.0027i
0.8	-0.0031-0.0086i	-0.0008+0.0022i	-0.0109-0.0032i	-0.0026-0.0001i	0.0038-0.0065i	-0.0080-0.0006i	-0.0008+0.0039i
0.9	0.0013-0.0051i	-0.0010+0.0011i	-0.0068-0.0030i	-0.0028-0.0019i	-0.0004-0.0021i	-0.0069-0.0014i	-0.0004+0.0010i
1.0	-0.0010+0.0007i	0.0017+0.0036i	-0.0129+0.0010i	-0.0044-0.0016i	-0.0010+0.0028i	-0.0102-0.0065i	-0.0006+0.0017i
1.1	-0.0023+0.0006i	0.0016+0.0023i	-0.0109+0.0019i	-0.0040+0.0033i	0.0001+0.0029i	-0.0099-0.0037i	-0.0014+0.0009i
1.2	-0.0045-0.0013i	0.0001-0.0011i	-0.0090+0.0010i	-0.0050+0.0002i	-0.0004+0.0003i	-0.0074+0.0005i	-0.0027-0.0002i
1.3	-0.0049-0.0018i	0.0012-0.0004i	-0.0115-0.0003i	-0.0065+0.0003i	-0.0016-0.0012i	-0.0107+0.0004i	-0.0027-0.0014i
1.4	-0.0062-0.0017i	0.0016-0.0002i	-0.0131-0.0006i	-0.0065+0.0002i	-0.0029-0.0018i	-0.0129-0.0033i	-0.0038+0.0001i
1.5	-0.0068-0.0025i	0.0009+0.0003i	-0.0148-0.0019i	-0.0096-0.0009i	-0.0027-0.0024i	-0.0147-0.0028i	-0.0082-0.0002i
1.6	-0.0060-0.0045i	0.0008-0.0032i	-0.0174-0.0023i	-0.0113+0.0007i	-0.0009-0.0046i	-0.0185+0.0033i	-0.0094+0.0001i
1.7	-0.0085-0.0034i	-0.0050-0.0037i	-0.0182-0.0034i	-0.0121+0.0002i	-0.0063-0.0058i	-0.0199+0.0018i	-0.0087-0.0000i
1.8	-0.0139-0.0026i	-0.0138+0.0032i	-0.0222-0.0028i	-0.0139-0.0005i	-0.0148+0.0013i	-0.0210+0.0002i	-0.0128+0.0014i
1.9	-0.0205-0.0022i	-0.0207+0.0218i	-0.0249-0.0027i	-0.0188-0.0033i	-0.0206+0.0201i	-0.0248+0.0009i	-0.0204+0.0154i
2.0	-0.0262-0.0003i	-0.0078+0.0456i	-0.0281-0.0030i	-0.0268-0.0056i	-0.0092+0.0433i	-0.0302-0.0012i	-0.0124+0.0325i
2.1	-0.0364-0.0017i	0.0244+0.0555i	-0.0319-0.0030i	-0.0407-0.0071i	0.0238+0.0530i	-0.0342-0.0026i	0.0104+0.0411i
2.2	-0.0626-0.0010i	0.0659+0.0131i	-0.0386-0.0032i	-0.0694-0.0014i	0.0650+0.0106i	-0.0404-0.0016i	0.0410+0.0079i
2.3	-0.1207+0.0530i	0.0233-0.0083i	-0.0493+0.0031i	-0.1215+0.0533i	0.0253-0.0110i	-0.0501+0.0027i	0.0039-0.0060i
2.4	-0.0820+0.2142i	0.0106+0.0091i	-0.0478+0.0244i	-0.0808+0.2128i	0.0120+0.0021i	-0.0494+0.0257i	-0.0043+0.0162i
2.5	0.1219+0.1424i	0.0258+0.0014i	-0.0261+0.0143i	0.1213+0.1414i	0.0203-0.0033i	-0.0271+0.0164i	0.0169+0.0063i
2.6	0.1066+0.0243i	0.0222-0.0073i	-0.0317-0.0006i	0.1029+0.0242i	0.0168-0.0075i	-0.0325+0.0024i	0.0120-0.0058i
2.7	0.0645+0.0140i	0.0165-0.0044i	-0.0408-0.0004i	0.0612+0.0135i	0.0114-0.0035i	-0.0427+0.0032i	0.0054-0.0048i
2.8	0.0448+0.0076i	0.0155-0.0030i	-0.0470-0.0020i	0.0431+0.0062i	0.0105-0.0036i	-0.0518-0.0027i	0.0039-0.0051i
2.9	0.0383+0.0075i	0.0152-0.0033i	-0.0524-0.0020i	0.0371+0.0064i	0.0120-0.0024i	-0.0536-0.0029i	0.0017-0.0040i
3.0	0.0321+0.0080i	0.0136-0.0053i	-0.0591-0.0002i	0.0317+0.0072i	0.0090-0.0066i	-0.0609-0.0023i	-0.0039-0.0056i
3.1	0.0282+0.0079i	0.0114-0.0055i	-0.0654-0.0026i	0.0285+0.0078i	0.0083-0.0063i	-0.0665-0.0054i	-0.0063-0.0042i
3.2	0.0282+0.0083i	0.0127-0.0041i	-0.0714-0.0040i	0.0276+0.0086i	0.0090-0.0054i	-0.0716-0.0048i	-0.0036-0.0017i
3.3	0.0307+0.0042i	0.0104-0.0052i	-0.0780-0.0047i	0.0279+0.0051i	0.0072-0.0072i	-0.0821-0.0042i	-0.0073-0.0043i
3.4	0.0288+0.0042i	0.0041-0.0037i	-0.0844-0.0044i	0.0266+0.0036i	0.0031-0.0051i	-0.0912-0.0000i	-0.0141-0.0034i
3.5	0.0244+0.0045i	0.0063-0.0026i	-0.0873-0.0065i	0.0250+0.0039i	0.0002-0.0046i	-0.0958-0.0006i	-0.0161-0.0060i
3.6	0.0238+0.0017i	0.0136+0.0033i	-0.0954+0.0021i	0.0252+0.0047i	0.0048+0.0120i	-0.1047-0.0050i	-0.0147+0.0029i
3.7	0.0255+0.0020i	0.0172+0.0052i	-0.1081+0.0027i	0.0217+0.0024i	0.0173+0.0130i	-0.1169-0.0025i	-0.0091+0.0061i
3.8	0.0232+0.0002i	0.0183+0.0025i	-0.1128+0.0007i	0.0212+0.0000i	0.0177+0.0042i	-0.1243-0.0018i	-0.0084+0.0021i
3.9	0.0223+0.0003i	0.0167-0.0002i	-0.1202-0.0012i	0.0206-0.0006i	0.0160+0.0002i	-0.1301-0.0042i	-0.0093-0.0007i
4.0	0.0212-0.0002i	0.0145-0.0009i	-0.1273-0.0027i	0.0201-0.0009i	0.0138-0.0008i	-0.1358-0.0045i	-0.0125-0.0019i
4.1	0.0198-0.0006i	0.0124+0.0001i	-0.1365-0.0031i	0.0189-0.0007i	0.0120-0.0000i	-0.1439-0.0053i	-0.0154-0.0009i
4.2	0.0196-0.0001i	0.0111+0.0025i	-0.1481-0.0021i	0.0191+0.0003i	0.0118+0.0021i	-0.1567-0.0039i	-0.0162+0.0014i
4.3	0.0191-0.0009i	0.0100+0.0045i	-0.1601-0.0049i	0.0193+0.0004i	0.0118+0.0042i	-0.1707-0.0036i	-0.0185+0.0032i
4.4	0.0183-0.0003i	0.0119+0.0088i	-0.1733-0.0078i	0.0191-0.0005i	0.0109+0.0061i	-0.1832-0.0050i	-0.0197+0.0045i
4.5	0.0168+0.0002i	0.0131+0.0144i	-0.1897-0.0076i	0.0175-0.0004i	0.0099+0.0101i	-0.2000-0.0018i	-0.0222+0.0083i
4.6	0.0144-0.0015i	0.0123+0.0189i	-0.2029-0.0062i	0.0160+0.0001i	0.0108+0.0138i	-0.2122-0.0008i	-0.0237+0.0129i
4.7	0.0111+0.0078i	0.0245+0.0361i	-0.2267-0.0071i	0.0143+0.0040i	0.0228+0.0337i	-0.2311-0.0055i	-0.0190+0.0300i
4.8	0.0304+0.0064i	0.0701+0.0243i	-0.2306+0.0042i	0.0329+0.0048i	0.0658+0.0244i	-0.2400+0.0065i	0.0216+0.0208i
4.9	0.0312-0.0069i	0.0753+0.0001i	-0.2364-0.0056i	0.0305-0.0038i	0.0729-0.0023i	-0.2453-0.0012i	0.0270-0.0035i
5.0	0.0152+0.0004i	0.0321-0.0189i	-0.2856-0.0192i	0.0149+0.0013i	0.0310-0.0229i	-0.2970-0.0141i	-0.0178-0.0241i
5.1	0.0218+0.0046i	0.0202-0.0125i	-0.3133-0.0187i	0.0221+0.0060i	0.0172-0.0211i	-0.3219-0.0064i	-0.0299-0.0208i
5.2	0.0303-0.0102i	0.0286-0.0057i	-0.3326-0.0175i	0.0316-0.0096i	0.0170-0.0184i	-0.3292+0.0000i	-0.0295-0.0184i
5.3	0.0201-0.0296i	0.0379-0.0078i	-0.3672-0.0228i	0.0200-0.0304i	0.0144-0.0116i	-0.3506-0.0189i	-0.0341-0.0135i
5.4	-0.0193-0.0122i	0.0075-0.0146i	-0.4362-0.0002i	-0.0239-0.0142i	0.0060+0.0055i	-0.4441-0.0332i	-0.0512-0.0015i
5.5	-0.0127+0.0180i	0.0029+0.0015i	-0.4656+0.0249i	-0.0102+0.0189i	0.0166+0.0086i	-0.4891+0.0103i	-0.0533+0.0036i
5.6	-0.0036+0.0230i	0.0132+0.0154i	-0.5041+0.0366i	-0.0003+0.0246i	0.0195+0.0164i	-0.5223+0.0305i	-0.0479+0.0126i

5.7	-0.0004+0.0252i	0.0281+0.0245i	-0.5477+0.0452i	0.0052+0.0266i	0.0330+0.0244i	-0.5645+0.0398i	-0.0374+0.0229i
5.8	0.0051+0.0296i	0.0425+0.0219i	-0.5941+0.0568i	0.0120+0.0312i	0.0446+0.0186i	-0.6082+0.0540i	-0.0293+0.0187i
5.9	0.0143+0.0319i	0.0527+0.0173i	-0.6437+0.0629i	0.0222+0.0327i	0.0532+0.0126i	-0.6557+0.0628i	-0.0240+0.0130i
6.0	0.0189+0.0285i	0.0566+0.0055i	-0.7006+0.0651i	0.0263+0.0290i	0.0549+0.0002i	-0.7108+0.0670i	-0.0251+0.0005i
6.1	0.0184+0.0264i	0.0511-0.0061i	-0.7924+0.0784i	0.0274+0.0280i	0.0464-0.0113i	-0.7990+0.0794i	-0.0373-0.0098i
6.2	0.0208+0.0278i	0.0441-0.0073i	-0.8988+0.1074i	0.0325+0.0317i	0.0373-0.0112i	-0.9016+0.1033i	-0.0505-0.0084i
6.3	0.0225+0.0275i	0.0404-0.0043i	-1.0231+0.1157i	0.0370+0.0314i	0.0327-0.0073i	-1.0247+0.1083i	-0.0601-0.0047i
6.4	0.0234+0.0306i	0.0402-0.0024i	-1.1898+0.1741i	0.0427+0.0339i	0.0324-0.0039i	-1.1898+0.1645i	-0.0653+0.0005i
6.5	0.0258+0.0320i	0.0419-0.0010i	-1.3305+0.2463i	0.0499+0.0341i	0.0332-0.0017i	-1.3273+0.2347i	-0.0691+0.0035i
6.6	0.0283+0.0396i	0.0428+0.0046i	-1.5899+0.3267i	0.0593+0.0406i	0.0324+0.0045i	-1.5832+0.3118i	-0.0757+0.0123i
6.7	0.0325+0.0489i	0.0463+0.0085i	-1.9021+0.4757i	0.0717+0.0466i	0.0344+0.0090i	-1.8919+0.4568i	-0.0773+0.0215i
6.8	0.0446+0.0574i	0.0537+0.0085i	-2.3728+0.7921i	0.0952+0.0481i	0.0399+0.0105i	-2.3510+0.7661i	-0.0751+0.0260i
6.9	0.0606+0.0684i	0.0596+0.0042i	-2.9145+1.3728i	0.1244+0.0464i	0.0440+0.0084i	-2.8744+1.3260i	-0.0770+0.0284i
7.0	0.0966+0.0839i	0.0595-0.0072i	-3.5964+2.6875i	0.1792+0.0317i	0.0413+0.0040i	-3.5397+2.5975i	-0.0849+0.0349i
7.1	0.1638+0.0637i	0.0447-0.0012i	-2.9341+4.9490i	0.2357-0.0416i	0.0317+0.0201i	-2.9109+4.8035i	-0.0842+0.0622i
7.2	0.1856-0.0311i	0.0580+0.0379i	-0.0747+6.1993i	0.1891-0.1745i	0.0589+0.0644i	-0.1339+6.0254i	-0.0420+0.0954i
7.3	0.1553-0.0853i	0.0994+0.0251i	1.9563+5.7634i	0.1047-0.2212i	0.1078+0.0469i	1.8417+5.5937i	0.0062+0.0693i
7.4	0.1053-0.1146i	0.0905-0.0283i	3.6917+4.0575i	0.0118-0.2071i	0.1039-0.0144i	3.5244+3.9343i	0.0012-0.0034i
7.5	0.0649-0.1143i	0.0598-0.0236i	3.7986+2.2691i	-0.0299-0.1656i	0.0732-0.0177i	3.6222+2.2009i	-0.0381-0.0187i
7.6	0.0411-0.0989i	0.0659-0.0033i	2.8290+1.2856i	-0.0320-0.1251i	0.0736-0.0020i	2.6759+1.2489i	-0.0570-0.0080i
7.7	0.0361-0.0919i	0.0711-0.0024i	2.4348+1.0258i	-0.0290-0.1115i	0.0773-0.0020i	2.2866+0.9966i	-0.0643-0.0085i
7.8	0.0341-0.0865i	0.0701-0.0051i	2.1593+0.9524i	-0.0259-0.1031i	0.0762-0.0053i	2.0172+0.9268i	-0.0748-0.0062i
7.9	0.0239-0.0905i	0.0672-0.0032i	2.1271+0.8857i	-0.0344-0.1050i	0.0719-0.0028i	1.9836+0.8654i	-0.0821-0.0035i
8.0	0.0126-0.0945i	0.0699+0.0048i	2.0969+0.6757i	-0.0456-0.1037i	0.0724+0.0044i	1.9509+0.6625i	-0.0859-0.0008i
8.1	0.0061-0.0946i	0.0772+0.0010i	1.9304+0.5620i	-0.0481-0.0994i	0.0805+0.0013i	1.7834+0.5549i	-0.0899-0.0032i
8.2	-0.0097-0.0937i	0.0790+0.0025i	1.8890+0.4301i	-0.0607-0.0953i	0.0827+0.0025i	1.7392+0.4266i	-0.0965-0.0050i
8.3	-0.0234-0.0885i	0.0812+0.0049i	1.8310+0.3240i	-0.0729-0.0883i	0.0843+0.0042i	1.6814+0.3234i	-0.1036-0.0059i
8.4	-0.0385-0.0800i	0.0853+0.0074i	1.7462+0.2311i	-0.0858-0.0792i	0.0875+0.0057i	1.5938+0.2329i	-0.1127-0.0062i
8.5	-0.0463-0.0692i	0.0893+0.0114i	1.6872+0.1440i	-0.0940-0.0662i	0.0913+0.0084i	1.5287+0.1481i	-0.1212-0.0058i
8.6	-0.0569-0.0600i	0.0944+0.0130i	1.6555+0.0855i	-0.1055-0.0571i	0.0957+0.0099i	1.4910+0.0931i	-0.1274-0.0048i
8.7	-0.0685-0.0524i	0.1007+0.0144i	1.6452+0.0116i	-0.1195-0.0466i	0.1023+0.0125i	1.4736+0.0237i	-0.1344-0.0044i
8.8	-0.0746-0.0427i	0.1053+0.0152i	1.6502-0.0794i	-0.1293-0.0324i	0.1072+0.0130i	1.4678-0.0604i	-0.1392-0.0071i
8.9	-0.0854-0.0289i	0.1089+0.0189i	1.6524-0.2361i	-0.1409-0.0112i	0.1124+0.0155i	1.4564-0.2052i	-0.1497-0.0127i
9.0	-0.0913-0.0096i	0.1115+0.0226i	1.6285-0.3900i	-0.1477+0.0169i	0.1161+0.0180i	1.4287-0.3467i	-0.1597-0.0144i
9.1	-0.0848+0.0121i	0.1200+0.0261i	1.5141-0.5082i	-0.1383+0.0438i	0.1235+0.0198i	1.3125-0.4535i	-0.1692-0.0130i
9.2	-0.0990+0.0239i	0.1269+0.0321i	1.5576-0.6589i	-0.1527+0.0630i	0.1305+0.0236i	1.3393-0.5868i	-0.1726-0.0218i
9.3	-0.0890+0.0783i	0.1414+0.0377i	1.2843-1.0693i	-0.1293+0.1360i	0.1422+0.0241i	1.0797-0.9509i	-0.1945-0.0413i
9.4	-0.0455+0.1221i	0.1595+0.0366i	0.7563-1.2507i	-0.0635+0.1857i	0.1549+0.0223i	0.5931-1.1065i	-0.2366-0.0525i
9.5	0.0033+0.1239i	0.1714+0.0332i	0.3320-1.0956i	0.0050+0.1781i	0.1605+0.0196i	0.2068-0.9613i	-0.2733-0.0466i
9.6	0.0368+0.0941i	0.1805+0.0275i	0.1426-0.7266i	0.0431+0.1301i	0.1660+0.0168i	0.0285-0.6293i	-0.3058-0.0232i
9.7	0.0510+0.0659i	0.1897+0.0229i	0.1396-0.4437i	0.0535+0.0911i	0.1734+0.0161i	0.0187-0.3718i	-0.3244+0.0001i
9.8	0.0542+0.0449i	0.1979+0.0221i	0.1842-0.2911i	0.0539+0.0661i	0.1813+0.0174i	0.0495-0.2311i	-0.3378+0.0205i
9.9	0.0493+0.0331i	0.2070+0.0206i	0.2409-0.1940i	0.0456+0.0497i	0.1905+0.0184i	0.0911-0.1415i	-0.3484+0.0376i
10.0	0.0444+0.0266i	0.2177+0.0207i	0.2863-0.1360i	0.0375+0.0429i	0.2016+0.0199i	0.1242-0.0848i	-0.3586+0.0536i
10.1	0.0427+0.0205i	0.2303+0.0212i	0.3219-0.0906i	0.0322+0.0381i	0.2157+0.0217i	0.1451-0.0385i	-0.3693+0.0697i
10.2	0.0426+0.0161i	0.2431+0.0216i	0.3516-0.0579i	0.0304+0.0354i	0.2271+0.0224i	0.1593-0.0015i	-0.3797+0.0839i
10.3	0.0430+0.0154i	0.2530+0.0180i	0.3752-0.0387i	0.0308+0.0361i	0.2373+0.0213i	0.1773+0.0266i	-0.3881+0.0958i
10.4	0.0447+0.0136i	0.2628+0.0165i	0.3975-0.0176i	0.0332+0.0334i	0.2475+0.0206i	0.1985+0.0489i	-0.3939+0.1018i
10.5	0.0444+0.0101i	0.2774+0.0192i	0.4220+0.0009i	0.0341+0.0294i	0.2625+0.0225i	0.2141+0.0611i	-0.4075+0.0992i
10.6	0.0456+0.0076i	0.2946+0.0193i	0.4439+0.0098i	0.0332+0.0268i	0.2790+0.0227i	0.2249+0.0630i	-0.4296+0.0921i
10.7	0.0460+0.0030i	0.3190+0.0156i	0.4695+0.0129i	0.0311+0.0214i	0.3021+0.0207i	0.2325+0.0669i	-0.4524+0.0981i
10.8	0.0468-0.0022i	0.3387+0.0170i	0.4853+0.0146i	0.0317+0.0181i	0.3231+0.0226i	0.2326+0.0690i	-0.4695+0.1003i
10.9	0.0462-0.0042i	0.3618+0.0116i	0.4991+0.0107i	0.0307+0.0151i	0.3447+0.0180i	0.2270+0.0690i	-0.5003+0.1050i
11.0	0.0457-0.0070i	0.3843+0.0036i	0.5097+0.0095i	0.0280+0.0140i	0.3663+0.0107i	0.2230+0.0719i	-0.5250+0.1145i
11.1	0.0472-0.0085i	0.4119-0.0058i	0.5228+0.0095i	0.0260+0.0139i	0.3932+0.0029i	0.2158+0.0720i	-0.5654+0.1148i
11.2	0.0475-0.0084i	0.4366-0.0142i	0.5350+0.0102i	0.0230+0.0155i	0.4192-0.0056i	0.2087+0.0750i	-0.6013+0.1158i
11.3	0.0468-0.0104i	0.4606-0.0251i	0.5468+0.0103i	0.0215+0.0148i	0.4418-0.0170i	0.2012+0.0777i	-0.6401+0.1261i
11.4	0.0473-0.0126i	0.4907-0.0346i	0.5665+0.0101i	0.0213+0.0153i	0.4690-0.0251i	0.1900+0.0804i	-0.6966+0.1362i
11.5	0.0473-0.0134i	0.5140-0.0385i	0.5796+0.0074i	0.0207+0.0154i	0.4914-0.0294i	0.1815+0.0801i	-0.7384+0.1381i
11.6	0.0489-0.0133i	0.5512-0.0411i	0.5978+0.0094i	0.0173+0.0149i	0.5274-0.0328i	0.1652+0.0820i	-0.8022+0.1402i
11.7	0.0522-0.0162i	0.5927-0.0541i	0.6175+0.0058i	0.0154+0.0153i	0.5662-0.0461i	0.1476+0.0831i	-0.8769+0.1541i
11.8	0.0567-0.0185i	0.6385-0.0646i	0.6399+0.0031i	0.0140+0.0176i	0.6106-0.0556i	0.1311+0.0867i	-0.9532+0.1711i
11.9	0.0648-0.0210i	0.7081-0.0856i	0.6715+0.0016i	0.0114+0.0203i	0.6748-0.0744i	0.1036+0.0998i	-1.0741+0.2024i

12.0	0.0698-0.0268i	0.7685-0.1096i	0.7020-0.0050i	0.0092+0.0223i	0.7312-0.0954i	0.0818+0.1081i	-1.1788+0.2369i
12.1	0.0786-0.0342i	0.8417-0.1340i	0.7391-0.0062i	0.0068+0.0263i	0.7999-0.1163i	0.0559+0.1184i	-1.3027+0.2702i
12.2	0.0866-0.0450i	0.9143-0.1773i	0.7774-0.0147i	0.0046+0.0326i	0.8695-0.1556i	0.0303+0.1335i	-1.4282+0.3281i
12.3	0.0930-0.0660i	0.9997-0.2602i	0.8302-0.0384i	0.0047+0.0424i	0.9484-0.2305i	0.0014+0.1640i	-1.5837+0.4575i
12.4	0.1006-0.0919i	1.0885-0.3533i	0.8937-0.0618i	0.0091+0.0558i	1.0305-0.3146i	-0.0267+0.1896i	-1.7552+0.5939i
12.5	0.1027-0.1302i	1.1893-0.4971i	0.9809-0.0991i	0.0158+0.0756i	1.1282-0.4430i	-0.0586+0.2245i	-1.9631+0.7970i
12.6	0.0847-0.1740i	1.2512-0.6629i	1.0722-0.1629i	0.0323+0.0952i	1.1918-0.5908i	-0.0848+0.2582i	-2.1302+1.0453i
12.7	0.0507-0.2119i	1.2711-0.8061i	1.1512-0.2344i	0.0559+0.1073i	1.2192-0.7166i	-0.1093+0.2852i	-2.2429+1.2785i
12.8	-0.0082-0.2274i	1.2334-0.9463i	1.2094-0.3490i	0.0902+0.1040i	1.1990-0.8460i	-0.1333+0.3286i	-2.2769+1.5597i
12.9	-0.0624-0.2224i	1.2415-1.0368i	1.2909-0.4483i	0.1243+0.0963i	1.2224-0.9304i	-0.1702+0.3668i	-2.3801+1.7796i
13.0	-0.1160-0.2032i	1.3072-1.1398i	1.4038-0.5881i	0.1580+0.0757i	1.3018-1.0341i	-0.2306+0.4216i	-2.5941+2.0678i
13.1	-0.1508-0.1843i	1.4462-1.2766i	1.5562-0.7505i	0.1874+0.0541i	1.4489-1.1686i	-0.3020+0.4905i	-2.9242+2.4182i
13.2	-0.1774-0.1585i	1.6822-1.5385i	1.7813-1.0491i	0.2276+0.0163i	1.6875-1.4274i	-0.3951+0.6104i	-3.4124+3.0685i
13.3	-0.1921-0.1363i	1.8722-1.9966i	1.9374-1.5158i	0.2679-0.0366i	1.8791-1.8771i	-0.4561+0.7862i	-3.7470+4.0893i
13.4	-0.2024-0.1089i	2.0574-2.9971i	2.0479-2.4799i	0.3359-0.1491i	2.0742-2.8599i	-0.5064+1.1498i	-3.9823+6.2187i
13.5	-0.2206-0.0929i	1.4642-3.9355i	1.4428-3.3287i	0.3021-0.2840i	1.5095-3.7883i	-0.3192+1.4699i	-2.6824+8.1089i
13.6	-0.2744-0.0885i	-0.5098-4.8271i	-0.4294-4.1293i	0.0830-0.5034i	-0.4066-4.6798i	0.3010+1.7501i	1.3871+9.8070i
13.7	-0.3410-0.0434i	-2.2180-3.9306i	-2.0655-3.2836i	-0.2274-0.4781i	-2.0814-3.8271i	0.7931+1.4692i	4.8149+7.9011i
13.8	-0.3825+0.0121i	-2.7094-2.7042i	-2.5961-2.1240i	-0.3949-0.3333i	-2.5712-2.6403i	0.8919+1.1103i	5.7809+5.4104i
13.9	-0.4105+0.0877i	-2.5981-1.8043i	-2.5877-1.1866i	-0.4711-0.1614i	-2.4691-1.7655i	0.8100+0.8969i	5.5750+3.5751i
14.0	-0.4243+0.1593i	-2.3501-1.3944i	-2.4004-0.6828i	-0.4888-0.0328i	-2.2289-1.3689i	0.7093+0.8515i	5.0821+2.7270i
14.1	-0.4181+0.2957i	-2.0769-1.1096i	-2.1362-0.2009i	-0.4746+0.1494i	-1.9650-1.0963i	0.6380+0.9355i	4.5343+2.1377i
14.2	-0.3665+0.5058i	-1.8676-0.8622i	-1.8575+0.3254i	-0.4180+0.3989i	-1.7680-0.8642i	0.6402+1.1070i	4.1023+1.6170i
14.3	-0.1895+0.6992i	-1.7532-0.7137i	-1.4917+0.7334i	-0.2339+0.6152i	-1.6675-0.7278i	0.8340+1.2842i	3.8648+1.2995i
14.4	0.1001+0.7007i	-1.6696-0.6070i	-1.0093+0.8147i	0.0658+0.6289i	-1.5993-0.6223i	1.1709+1.2297i	3.6883+1.0817i
14.5	0.3183+0.5666i	-1.5914-0.4978i	-0.6606+0.7188i	0.2906+0.5031i	-1.5328-0.5099i	1.4049+1.0054i	3.5357+0.8598i
14.6	0.3721+0.3562i	-1.4811-0.4131i	-0.5292+0.5449i	0.3507+0.2987i	-1.4258-0.4177i	1.4068+0.7087i	3.3207+0.6598i
14.7	0.3595+0.1923i	-1.3984-0.3546i	-0.4645+0.4765i	0.3466+0.1429i	-1.3452-0.3551i	1.3446+0.5068i	3.1347+0.4909i
14.8	0.3344+0.1009i	-1.3562-0.3136i	-0.3800+0.4901i	0.3271+0.0528i	-1.3027-0.3116i	1.2963+0.4054i	2.9922+0.3673i
14.9	0.2867+0.0418i	-1.3184-0.2557i	-0.2535+0.4913i	0.2820-0.0078i	-1.2640-0.2530i	1.2383+0.3417i	2.8192+0.2724i
15.0	0.2158+0.0057i	-1.2360-0.1800i	-0.1180+0.3874i	0.2115-0.0492i	-1.1800-0.1783i	1.1736+0.2812i	2.6195+0.2260i
15.1	0.1663-0.0117i	-1.1679-0.1170i	-0.0725+0.2822i	0.1528-0.0725i	-1.1161-0.1168i	1.1316+0.2292i	2.5016+0.1755i
15.2	0.1342-0.0094i	-1.1036-0.0930i	-0.0635+0.2079i	0.1114-0.0644i	-1.0529-0.0917i	1.1039+0.1998i	2.4107+0.1687i
15.3	0.1132+0.0051i	-1.0292-0.0882i	-0.0794+0.1528i	0.0870-0.0367i	-0.9809-0.0853i	1.0658+0.1701i	2.3146+0.1656i
15.4	0.1109+0.0178i	-0.9811-0.0921i	-0.0947+0.1264i	0.0865-0.0126i	-0.9348-0.0880i	1.0342+0.1525i	2.2455+0.1602i
15.5	0.1137+0.0217i	-0.9493-0.0896i	-0.1081+0.1080i	0.0921+0.0001i	-0.9019-0.0847i	1.0172+0.1345i	2.2060+0.1510i
15.6	0.1105+0.0209i	-0.9255-0.0806i	-0.1221+0.1004i	0.0934+0.0033i	-0.8771-0.0749i	1.0084+0.1097i	2.1891+0.1262i
15.7	0.1063+0.0176i	-0.9004-0.0834i	-0.1374+0.0826i	0.0927+0.0044i	-0.8509-0.0776i	0.9894+0.0814i	2.1586+0.1210i
15.8	0.1073+0.0112i	-0.8781-0.0719i	-0.1487+0.0787i	0.0983+0.0017i	-0.8279-0.0669i	0.9650+0.0565i	2.1263+0.0947i
15.9	0.1039+0.0062i	-0.8543-0.0722i	-0.1637+0.0823i	0.0998-0.0028i	-0.8060-0.0660i	0.9340+0.0427i	2.0958+0.0834i
16.0	0.0991+0.0033i	-0.8355-0.0728i	-0.1779+0.0905i	0.0995-0.0040i	-0.7845-0.0669i	0.9068+0.0248i	2.0791+0.0537i
16.1	0.0930+0.0026i	-0.8258-0.0698i	-0.1914+0.0986i	0.0978-0.0036i	-0.7733-0.0652i	0.8864+0.0185i	2.0693+0.0332i
16.2	0.0907+0.0056i	-0.8149-0.0691i	-0.1943+0.1124i	0.0994-0.0004i	-0.7623-0.0630i	0.8703+0.0179i	2.0532+0.0132i
16.3	0.0938+0.0097i	-0.8135-0.0688i	-0.1940+0.1273i	0.1054+0.0022i	-0.7586-0.0639i	0.8684+0.0137i	2.0551-0.0131i
16.4	0.0960+0.0063i	-0.7997-0.0542i	-0.1919+0.1442i	0.1114-0.0044i	-0.7452-0.0502i	0.8559+0.0013i	2.0363-0.0585i
16.5	0.0957+0.0043i	-0.7904-0.0421i	-0.1958+0.1607i	0.1129-0.0104i	-0.7370-0.0384i	0.8450-0.0128i	2.0263-0.1036i
16.6	0.0957+0.0010i	-0.7750-0.0267i	-0.1901+0.1785i	0.1121-0.0180i	-0.7206-0.0246i	0.8311-0.0315i	1.9933-0.1455i
16.7	0.1000-0.0065i	-0.7476-0.0305i	-0.1738+0.1962i	0.1120-0.0252i	-0.6958-0.0310i	0.8136-0.0454i	1.9431-0.1739i
16.8	0.1007-0.0171i	-0.7324-0.0440i	-0.1444+0.2065i	0.1096-0.0310i	-0.6813-0.0426i	0.7840-0.0557i	1.8748-0.1968i
16.9	0.0941-0.0203i	-0.7314-0.0468i	-0.1312+0.1875i	0.1061-0.0315i	-0.6791-0.0441i	0.7755-0.0436i	1.8545-0.1721i
17.0	0.0898-0.0176i	-0.7338-0.0474i	-0.1281+0.1898i	0.1071-0.0257i	-0.6790-0.0439i	0.7706-0.0487i	1.8513-0.1734i
17.1	0.0970-0.0203i	-0.7294-0.0525i	-0.1002+0.1809i	0.1157-0.0267i	-0.6743-0.0480i	0.7544-0.0452i	1.8230-0.1656i
17.2	0.0977-0.0330i	-0.7294-0.0515i	-0.1175+0.1382i	0.1187-0.0398i	-0.6731-0.0484i	0.7678-0.0381i	1.8563-0.1390i
17.3	0.0941-0.0425i	-0.7334-0.0498i	-0.1536+0.1396i	0.1176-0.0499i	-0.6772-0.0482i	0.7886-0.0591i	1.9110-0.1725i
17.4	0.0848-0.0452i	-0.7377-0.0481i	-0.1673+0.1752i	0.1108-0.0546i	-0.6812-0.0452i	0.7753-0.0856i	1.9109-0.2357i
17.5	0.0819-0.0418i	-0.7465-0.0438i	-0.1318+0.1950i	0.1101-0.0520i	-0.6883-0.0403i	0.7504-0.0929i	1.8597-0.2559i
17.6	0.0835-0.0499i	-0.7481-0.0375i	-0.1301+0.1738i	0.1133-0.0603i	-0.6880-0.0344i	0.7566-0.1017i	1.8713-0.2507i
17.7	0.0770-0.0594i	-0.7509-0.0297i	-0.1561+0.1848i	0.1099-0.0722i	-0.6891-0.0276i	0.7616-0.1326i	1.9014-0.3022i
17.8	0.0707-0.0659i	-0.7544-0.0202i	-0.1637+0.2199i	0.1037-0.0801i	-0.6916-0.0182i	0.7454-0.1725i	1.8939-0.3780i
17.9	0.0634-0.0741i	-0.7501-0.0122i	-0.1312+0.2472i	0.0960-0.0902i	-0.6871-0.0089i	0.7025-0.2029i	1.8292-0.4428i
18.0	0.0516-0.0794i	-0.7462-0.0096i	-0.1130+0.2265i	0.0839-0.0965i	-0.6832-0.0074i	0.6599-0.2150i	1.7786-0.4391i
18.1	0.0363-0.0843i	-0.7490-0.0044i	-0.1094+0.1995i	0.0673-0.1012i	-0.6843-0.0025i	0.6146-0.2234i	1.7421-0.4303i
18.2	0.0179-0.0826i	-0.7532-0.0065i	-0.1253+0.1817i	0.0514-0.1014i	-0.6850-0.0025i	0.5764-0.2261i	1.7280-0.4243i

18.3	-0.0028-0.0744i	-0.7551-0.0072i	-0.1658+0.1764i	0.0314-0.0913i	-0.6818-0.0023i	0.5234-0.2152i	1.7228-0.4111i
18.4	-0.0178-0.0569i	-0.7612-0.0084i	-0.2096+0.1862i	0.0162-0.0734i	-0.6851-0.0045i	0.4774-0.1835i	1.7281-0.3906i
18.5	-0.0325-0.0206i	-0.7768-0.0184i	-0.2896+0.2339i	0.0063-0.0360i	-0.6934-0.0166i	0.4258-0.1213i	1.7785-0.3666i
18.6	0.0048+0.0177i	-0.8013+0.0038i	-0.2781+0.4045i	0.0496-0.0051i	-0.7193-0.0003i	0.4612-0.0304i	1.8496-0.4483i
18.7	0.0472-0.0038i	-0.7983+0.0340i	-0.1262+0.4714i	0.0889-0.0352i	-0.7190+0.0276i	0.5249-0.0375i	1.8007-0.5652i
18.8	0.0450-0.0367i	-0.7813+0.0369i	-0.0314+0.4084i	0.0806-0.0674i	-0.7001+0.0323i	0.5174-0.0712i	1.7003-0.5743i
18.9	0.0332-0.0472i	-0.7793+0.0181i	-0.0120+0.3625i	0.0657-0.0756i	-0.6949+0.0159i	0.4913-0.0716i	1.6627-0.5445i
19.0	0.0225-0.0539i	-0.7893-0.0044i	0.0071+0.3341i	0.0523-0.0790i	-0.6993-0.0056i	0.4782-0.0548i	1.6417-0.5150i
19.1	0.0116-0.0545i	-0.8084-0.0206i	0.0081+0.2922i	0.0434-0.0751i	-0.7149-0.0231i	0.4746-0.0299i	1.6561-0.4751i
19.2	0.0068-0.0526i	-0.8330-0.0230i	0.0006+0.2698i	0.0405-0.0723i	-0.7360-0.0293i	0.4738-0.0134i	1.6791-0.4546i
19.3	-0.0011-0.0532i	-0.8603-0.0333i	-0.0085+0.2456i	0.0360-0.0716i	-0.7607-0.0405i	0.4783-0.0063i	1.7020-0.4459i
19.4	-0.0056-0.0564i	-0.8908-0.0402i	-0.0092+0.2346i	0.0339-0.0741i	-0.7875-0.0480i	0.4884-0.0009i	1.7213-0.4570i
19.5	-0.0178-0.0585i	-0.9363-0.0400i	-0.0165+0.2235i	0.0272-0.0755i	-0.8292-0.0518i	0.4918+0.0035i	1.7435-0.4760i
19.6	-0.0322-0.0559i	-0.9979-0.0357i	-0.0277+0.2030i	0.0175-0.0727i	-0.8861-0.0526i	0.4901+0.0059i	1.7554-0.4913i
19.7	-0.0420-0.0509i	-1.0460-0.0207i	-0.0469+0.1878i	0.0110-0.0699i	-0.9291-0.0407i	0.4892+0.0138i	1.7821-0.4891i
19.8	-0.0526-0.0468i	-1.1095+0.0089i	-0.0706+0.1800i	0.0023-0.0673i	-0.9852-0.0143i	0.4918+0.0213i	1.8198-0.5074i
19.9	-0.0646-0.0408i	-1.1545+0.0366i	-0.1100+0.1721i	-0.0035-0.0628i	-1.0287+0.0087i	0.4837+0.0238i	1.8557-0.5221i
20.0	-0.0752-0.0285i	-1.2242+0.0857i	-0.1410+0.1869i	-0.0099-0.0552i	-1.0937+0.0526i	0.4822+0.0345i	1.8914-0.5614i
20.1	-0.0864-0.0171i	-1.3019+0.1448i	-0.1663+0.2097i	-0.0193-0.0487i	-1.1640+0.1030i	0.4839+0.0498i	1.9323-0.6015i
20.2	-0.0929-0.0031i	-1.3481+0.2241i	-0.1758+0.2362i	-0.0262-0.0392i	-1.2081+0.1728i	0.4894+0.0600i	1.9402-0.6511i
20.3	-0.0974+0.0091i	-1.3855+0.3105i	-0.1805+0.2559i	-0.0294-0.0299i	-1.2431+0.2498i	0.4942+0.0666i	1.9548-0.6926i
20.4	-0.1011+0.0238i	-1.4261+0.4158i	-0.1850+0.2703i	-0.0308-0.0182i	-1.2795+0.3469i	0.4982+0.0773i	1.9881-0.7367i
20.5	-0.1090+0.0368i	-1.4947+0.5156i	-0.1925+0.2767i	-0.0382-0.0076i	-1.3403+0.4390i	0.5053+0.0849i	2.0311-0.7747i
20.6	-0.1129+0.0552i	-1.5300+0.6485i	-0.2041+0.2964i	-0.0405+0.0059i	-1.3728+0.5593i	0.5141+0.0947i	2.0597-0.8515i
20.7	-0.1109+0.0746i	-1.4914+0.8038i	-0.2101+0.3217i	-0.0414+0.0194i	-1.3378+0.6963i	0.5200+0.1001i	2.0357-0.9481i
20.8	-0.1019+0.0886i	-1.4098+0.9202i	-0.2035+0.3419i	-0.0359+0.0312i	-1.2653+0.7999i	0.5256+0.1010i	1.9912-1.0079i
20.9	-0.0972+0.1024i	-1.2816+1.0822i	-0.2054+0.3515i	-0.0349+0.0435i	-1.1513+0.9459i	0.5147+0.0956i	1.9057-1.0778i
21.0	-0.0961+0.1145i	-1.1891+1.1815i	-0.2158+0.3708i	-0.0345+0.0555i	-1.0670+1.0372i	0.5050+0.1057i	1.8608-1.1142i
21.1	-0.0929+0.1325i	-1.0987+1.2409i	-0.2251+0.3997i	-0.0304+0.0699i	-0.9839+1.0890i	0.5044+0.1293i	1.8312-1.1334i
21.2	-0.0896+0.1482i	-0.9737+1.2729i	-0.2327+0.4277i	-0.0280+0.0846i	-0.8712+1.1159i	0.4962+0.1578i	1.7887-1.1316i
21.3	-0.0818+0.1630i	-0.8755+1.2964i	-0.2216+0.4587i	-0.0201+0.1046i	-0.7830+1.1376i	0.5171+0.1935i	1.7714-1.1106i
21.4	-0.0698+0.1793i	-0.7895+1.3181i	-0.1921+0.4875i	-0.0059+0.1238i	-0.7056+1.1559i	0.5590+0.2196i	1.7691-1.1100i
21.5	-0.0561+0.1897i	-0.7491+1.2390i	-0.1768+0.5010i	0.0177+0.1306i	-0.6649+1.0847i	0.6085+0.2335i	1.8518-1.0728i
21.6	-0.0493+0.1998i	-0.7143+1.1757i	-0.1778+0.5252i	0.0316+0.1417i	-0.6314+1.0269i	0.6221+0.2481i	1.8981-1.0510i
21.7	-0.0360+0.2119i	-0.6973+1.2099i	-0.1593+0.5446i	0.0501+0.1518i	-0.6163+1.0562i	0.6634+0.2495i	1.9500-1.1028i
21.8	-0.0266+0.2196i	-0.6744+1.1766i	-0.1534+0.5447i	0.0712+0.1516i	-0.5965+1.0248i	0.7006+0.2331i	2.0301-1.1222i
21.9	-0.0132+0.2312i	-0.7160+1.2098i	-0.1259+0.5634i	0.0950+0.1515i	-0.6308+1.0514i	0.7589+0.2245i	2.1360-1.2184i
22.0	-0.0050+0.2453i	-0.7732+1.2361i	-0.1133+0.5926i	0.1123+0.1509i	-0.6801+1.0717i	0.7996+0.2096i	2.2513-1.3549i
22.1	0.0096+0.2443i	-0.8006+1.2618i	-0.0873+0.5867i	0.1357+0.1424i	-0.7048+1.0935i	0.8481+0.1755i	2.3373-1.4347i
22.2	0.0206+0.2558i	-0.7727+1.3682i	-0.0632+0.6045i	0.1489+0.1345i	-0.6793+1.1828i	0.8673+0.1340i	2.3435-1.6435i
22.3	0.0276+0.2711i	-0.7996+1.5172i	-0.0543+0.6212i	0.1616+0.1210i	-0.7020+1.3095i	0.8903+0.0789i	2.4036-1.9084i
22.4	0.0473+0.2936i	-0.7215+1.7108i	-0.0210+0.6494i	0.1659+0.1164i	-0.6346+1.4769i	0.8858+0.0319i	2.2805-2.1963i
22.5	0.0696+0.3139i	-0.6235+1.9023i	0.0128+0.6627i	0.1744+0.1043i	-0.5484+1.6418i	0.8817-0.0251i	2.1550-2.5096i
22.6	0.0946+0.3338i	-0.4960+2.0689i	0.0539+0.6709i	0.1804+0.0956i	-0.4395+1.7829i	0.8723-0.0739i	1.9905-2.7889i
22.7	0.1385+0.3486i	-0.2108+2.2758i	0.1223+0.6740i	0.1854+0.0904i	-0.1943+1.9608i	0.8380-0.1185i	1.5910-3.0445i
22.8	0.1825+0.3463i	0.1531+2.3019i	0.1733+0.6430i	0.1858+0.0834i	0.1198+1.9835i	0.7828-0.1432i	1.1183-3.0886i
22.9	0.2287+0.3315i	0.5169+2.2628i	0.2225+0.6066i	0.1856+0.0769i	0.4331+1.9530i	0.7316-0.1512i	0.6457-3.0282i
23.0	0.2705+0.3075i	0.8515+2.0496i	0.2637+0.5640i	0.1870+0.0833i	0.7233+1.7665i	0.6854-0.1220i	0.2257-2.7464i
23.1	0.3168+0.2807i	1.0846+1.8444i	0.3142+0.5077i	0.2037+0.0861i	0.9230+1.5899i	0.6735-0.0982i	-0.0882-2.4574i
23.2	0.3406+0.2371i	1.2148+1.5721i	0.3192+0.4245i	0.2193+0.0783i	1.0348+1.3560i	0.6703-0.0808i	-0.2053-2.0866i
23.3	0.3376+0.1979i	1.2135+1.3411i	0.2856+0.3623i	0.2202+0.0648i	1.0365+1.1523i	0.6700-0.0697i	-0.1595-1.8127i
23.4	0.3431+0.1589i	1.2453+1.1227i	0.2664+0.2986i	0.2260+0.0561i	1.0634+0.9676i	0.6661-0.0586i	-0.1620-1.5263i
23.5	0.3381+0.1318i	1.2266+0.9243i	0.2247+0.2603i	0.2344+0.0512i	1.0512+0.7965i	0.6771-0.0416i	-0.0652-1.2904i
23.6	0.3307+0.1105i	1.1936+0.7756i	0.1801+0.2284i	0.2390+0.0421i	1.0238+0.6660i	0.6837-0.0356i	0.0367-1.1375i
23.7	0.3226+0.0907i	1.1514+0.6681i	0.1489+0.2008i	0.2400+0.0329i	0.9888+0.5744i	0.6905-0.0389i	0.1243-1.0261i
23.8	0.3094+0.0690i	1.0794+0.5492i	0.0952+0.1774i	0.2398+0.0232i	0.9288+0.4714i	0.7011-0.0376i	0.2496-0.9024i
23.9	0.2991+0.0599i	1.0371+0.4717i	0.0561+0.1692i	0.2393+0.0180i	0.8933+0.4031i	0.7055-0.0305i	0.3456-0.8337i
24.0	0.2824+0.0542i	0.9682+0.3843i	0.0029+0.1733i	0.2335+0.0139i	0.8318+0.3234i	0.7083-0.0255i	0.4596-0.7686i
24.1	0.2722+0.0516i	0.9161+0.3412i	-0.0353+0.1787i	0.2325+0.0116i	0.7868+0.2847i	0.7159-0.0238i	0.5542-0.7473i
24.2	0.2613+0.0476i	0.8646+0.2879i	-0.0738+0.1799i	0.2304+0.0126i	0.7429+0.2385i	0.7296-0.0199i	0.6488-0.7052i
24.3	0.2551+0.0508i	0.8074+0.2362i	-0.1113+0.1964i	0.2314+0.0149i	0.6945+0.1937i	0.7427-0.0129i	0.7467-0.6810i
24.4	0.2500+0.0506i	0.7743+0.1953i	-0.1382+0.2054i	0.2315+0.0138i	0.6658+0.1563i	0.7527-0.0102i	0.8152-0.6611i
24.5	0.2469+0.0581i	0.7206+0.1676i	-0.1840+0.2275i	0.2348+0.0220i	0.6185+0.1290i	0.7751-0.0073i	0.9292-0.6528i

24.6	0.2486+0.0659i	0.6795+0.1422i	-0.2129+0.2432i	0.2422+0.0255i	0.5844+0.1061i	0.7960-0.0049i	1.0153-0.6514i
24.7	0.2570+0.0733i	0.6435+0.1268i	-0.2376+0.2710i	0.2548+0.0267i	0.5513+0.0929i	0.8176-0.0114i	1.1004-0.6860i
24.8	0.2700+0.0737i	0.6052+0.1076i	-0.2661+0.2940i	0.2735+0.0271i	0.5154+0.0752i	0.8453-0.0170i	1.1916-0.6977i
24.9	0.2758+0.0636i	0.5732+0.0917i	-0.2894+0.3090i	0.2847+0.0153i	0.4871+0.0607i	0.8675-0.0326i	1.2742-0.7166i
25.0	0.2755+0.0529i	0.5414+0.0753i	-0.3285+0.3277i	0.2871+0.0073i	0.4581+0.0453i	0.8849-0.0493i	1.3599-0.7434i
25.1	0.2784+0.0510i	0.5063+0.0544i	-0.3616+0.3656i	0.2888-0.0022i	0.4236+0.0274i	0.9014-0.0728i	1.4322-0.8121i
25.2	0.2789+0.0448i	0.4773+0.0440i	-0.3921+0.3874i	0.2957-0.0127i	0.4012+0.0176i	0.9257-0.0891i	1.5254-0.8426i
25.3	0.2729+0.0432i	0.4641+0.0372i	-0.4334+0.4107i	0.2988-0.0205i	0.3929+0.0099i	0.9465-0.1011i	1.6180-0.8815i
25.4	0.2733+0.0423i	0.4396+0.0273i	-0.4956+0.4722i	0.3002-0.0257i	0.3680+0.0030i	0.9796-0.1310i	1.7463-0.9762i
25.5	0.2805+0.0413i	0.4131+0.0251i	-0.5144+0.5277i	0.3073-0.0311i	0.3429-0.0008i	0.9999-0.1615i	1.8076-1.0739i
25.6	0.2853+0.0411i	0.3833+0.0210i	-0.5429+0.6042i	0.3118-0.0364i	0.3164-0.0055i	1.0202-0.2040i	1.8791-1.2046i
25.7	0.2872+0.0335i	0.3524+0.0191i	-0.5882+0.6982i	0.3134-0.0497i	0.2859-0.0070i	1.0436-0.2613i	1.9869-1.3701i
25.8	0.2841+0.0313i	0.3315+0.0174i	-0.5905+0.7861i	0.3100-0.0573i	0.2664-0.0088i	1.0403-0.3104i	2.0118-1.5267i
25.9	0.2840+0.0376i	0.3065+0.0222i	-0.5719+0.8991i	0.3108-0.0575i	0.2466-0.0071i	1.0337-0.3652i	2.0111-1.7204i
26.0	0.2935+0.0369i	0.2847+0.0297i	-0.5576+0.9800i	0.3192-0.0617i	0.2238-0.0000i	1.0389-0.4001i	2.0156-1.8478i
26.1	0.3036+0.0329i	0.2681+0.0426i	-0.5214+1.0791i	0.3251-0.0725i	0.2078+0.0153i	1.0352-0.4456i	1.9945-2.0089i
26.2	0.3056+0.0259i	0.2591+0.0576i	-0.4364+1.1692i	0.3225-0.0852i	0.1998+0.0318i	1.0075-0.4877i	1.9026-2.1638i
26.3	0.3019+0.0247i	0.2649+0.0697i	-0.3301+1.2757i	0.3105-0.0929i	0.2061+0.0422i	0.9685-0.5478i	1.7714-2.3712i
26.4	0.3031+0.0261i	0.2733+0.0698i	-0.2255+1.2897i	0.3042-0.0904i	0.2148+0.0434i	0.9328-0.5669i	1.6332-2.4333i
26.5	0.3065+0.0277i	0.2753+0.0666i	-0.1173+1.3084i	0.3021-0.0893i	0.2169+0.0423i	0.9222-0.6029i	1.5430-2.5196i
26.6	0.3100+0.0302i	0.2753+0.0513i	-0.0419+1.2965i	0.3018-0.0832i	0.2188+0.0294i	0.9083-0.6402i	1.4749-2.5988i
26.7	0.3191+0.0338i	0.2653+0.0357i	0.0378+1.2592i	0.3041-0.0764i	0.2111+0.0129i	0.8567-0.6723i	1.3176-2.6540i
26.8	0.3332+0.0337i	0.2564+0.0245i	0.0986+1.2486i	0.3100-0.0708i	0.2045+0.0029i	0.8294-0.6934i	1.2147-2.7016i
26.9	0.3482+0.0243i	0.2402+0.0169i	0.1417+1.2259i	0.3199-0.0727i	0.1894-0.0032i	0.8026-0.7265i	1.1244-2.7641i
27.0	0.3535+0.0193i	0.2213+0.0176i	0.1788+1.2251i	0.3237-0.0786i	0.1724-0.0028i	0.7609-0.7679i	0.9988-2.8682i
27.1	0.3549+0.0187i	0.2045+0.0245i	0.2119+1.2331i	0.3263-0.0758i	0.1559+0.0035i	0.7183-0.8046i	0.8780-2.9607i
27.2	0.3606+0.0213i	0.1872+0.0355i	0.2597+1.2446i	0.3305-0.0711i	0.1395+0.0125i	0.6600-0.8373i	0.7075-3.0419i
27.3	0.3704+0.0217i	0.1696+0.0540i	0.3152+1.2549i	0.3405-0.0641i	0.1242+0.0299i	0.5936-0.8689i	0.5111-3.1150i
27.4	0.3840+0.0222i	0.1668+0.0727i	0.3812+1.2623i	0.3537-0.0575i	0.1224+0.0456i	0.5237-0.8875i	0.2971-3.1508i
27.5	0.4025+0.0192i	0.1829+0.0812i	0.4673+1.2293i	0.3773-0.0573i	0.1368+0.0529i	0.4338-0.8760i	0.0310-3.0721i
27.6	0.4185+0.0178i	0.1956+0.0958i	0.5561+1.1770i	0.3981-0.0588i	0.1475+0.0650i	0.3415-0.8490i	-0.2386-2.9531i
27.7	0.4350+0.0022i	0.2026+0.1055i	0.6117+1.1165i	0.4146-0.0690i	0.1509+0.0736i	0.2806-0.8075i	-0.3898-2.8017i
27.8	0.4499-0.0096i	0.2022+0.1133i	0.6511+1.0629i	0.4305-0.0778i	0.1483+0.0803i	0.2299-0.7763i	-0.5158-2.6761i
27.9	0.4658-0.0253i	0.2153+0.1251i	0.6948+0.9971i	0.4538-0.0878i	0.1602+0.0910i	0.1804-0.7288i	-0.6448-2.5118i
28.0	0.4849-0.0550i	0.2376+0.1249i	0.7164+0.9126i	0.4753-0.1126i	0.1776+0.0921i	0.1476-0.6669i	-0.7135-2.3120i
28.1	0.4878-0.0748i	0.2479+0.1017i	0.7150+0.8552i	0.4797-0.1379i	0.1854+0.0709i	0.1227-0.6179i	-0.7496-2.1657i
28.2	0.4897-0.0942i	0.2578+0.0907i	0.7216+0.8000i	0.4807-0.1539i	0.1925+0.0611i	0.1038-0.5550i	-0.8108-2.0038i
28.3	0.4960-0.1137i	0.2604+0.0789i	0.7348+0.7357i	0.4842-0.1658i	0.1889+0.0553i	0.0948-0.5126i	-0.8625-1.8463i
28.4	0.4978-0.1338i	0.2624+0.0746i	0.7150+0.6509i	0.4889-0.1786i	0.1915+0.0568i	0.0898-0.4574i	-0.8433-1.6309i
28.5	0.5019-0.1408i	0.2705+0.0652i	0.6927+0.5913i	0.5005-0.1857i	0.1990+0.0491i	0.0831-0.4053i	-0.8124-1.4620i
28.6	0.5128-0.1545i	0.2736+0.0569i	0.6575+0.5620i	0.5163-0.2003i	0.2031+0.0408i	0.1010-0.3776i	-0.7298-1.3701i
28.7	0.5221-0.1713i	0.2796+0.0379i	0.6274+0.5221i	0.5289-0.2167i	0.2065+0.0254i	0.1123-0.3388i	-0.6744-1.2511i
28.8	0.5294-0.2054i	0.2684+0.0345i	0.5810+0.4817i	0.5453-0.2452i	0.1991+0.0247i	0.1385-0.2943i	-0.5719-1.1279i
28.9	0.5214-0.2254i	0.2683+0.0186i	0.5426+0.4522i	0.5450-0.2622i	0.2024+0.0152i	0.1534-0.2721i	-0.4995-1.0399i
29.0	0.5107-0.2663i	0.2738+0.0163i	0.4941+0.4277i	0.5371-0.2921i	0.2068+0.0189i	0.1746-0.2529i	-0.4122-0.9767i
29.1	0.5035-0.3027i	0.2666+0.0144i	0.4537+0.4108i	0.5388-0.3211i	0.2018+0.0190i	0.1932-0.2314i	-0.3226-0.9209i
29.2	0.4972-0.3189i	0.2692+0.0134i	0.4164+0.3996i	0.5478-0.3343i	0.2036+0.0172i	0.2086-0.2079i	-0.2431-0.8563i
29.3	0.4849-0.3440i	0.2805-0.0009i	0.3771+0.4002i	0.5520-0.3678i	0.2152+0.0066i	0.2306-0.1920i	-0.1551-0.8087i
29.4	0.4750-0.3675i	0.2745-0.0075i	0.3310+0.4085i	0.5574-0.3899i	0.2138+0.0052i	0.2557-0.1800i	-0.0556-0.7794i
29.5	0.4548-0.3944i	0.2705-0.0189i	0.2989+0.4092i	0.5513-0.4199i	0.2170-0.0034i	0.2724-0.1649i	0.0277-0.7550i
29.6	0.4186-0.4004i	0.2745-0.0207i	0.2583+0.4265i	0.5317-0.4294i	0.2253-0.0061i	0.2918-0.1576i	0.1122-0.7605i
29.7	0.4010-0.4120i	0.2765-0.0266i	0.2192+0.4460i	0.5296-0.4452i	0.2272-0.0110i	0.3123-0.1481i	0.2024-0.7491i
29.8	0.3713-0.4184i	0.2813-0.0406i	0.1886+0.4626i	0.5165-0.4617i	0.2351-0.0210i	0.3299-0.1342i	0.2825-0.7418i
29.9	0.3455-0.4338i	0.2835-0.0479i	0.1639+0.4798i	0.5058-0.4919i	0.2397-0.0292i	0.3579-0.1299i	0.3713-0.7550i
30.0	0.3117-0.4415i	0.2905-0.0519i	0.1331+0.4941i	0.4862-0.5132i	0.2474-0.0343i	0.3869-0.1340i	0.4573-0.7849i
30.1	0.2781-0.4564i	0.2785-0.0663i	0.1194+0.5293i	0.4745-0.5412i	0.2407-0.0467i	0.4169-0.1273i	0.5701-0.8155i
30.2	0.2396-0.4612i	0.2742-0.0659i	0.1096+0.5416i	0.4496-0.5570i	0.2427-0.0485i	0.4396-0.1236i	0.6397-0.8408i
30.3	0.2065-0.4519i	0.2847-0.0821i	0.0987+0.5634i	0.4339-0.5732i	0.2524-0.0653i	0.4653-0.1253i	0.7153-0.8937i
30.4	0.1957-0.4259i	0.2774-0.0991i	0.0799+0.5859i	0.4251-0.5700i	0.2456-0.0842i	0.4883-0.1305i	0.7578-0.9594i
30.5	0.1870-0.4196i	0.2701-0.1033i	0.0657+0.6038i	0.4170-0.5810i	0.2393-0.0871i	0.5176-0.1319i	0.7958-0.9990i
30.6	0.1632-0.4143i	0.2786-0.1159i	0.0413+0.6271i	0.4061-0.5926i	0.2505-0.0970i	0.5653-0.1429i	0.8745-1.0197i
30.7	0.1347-0.3978i	0.2930-0.1277i	0.0199+0.6597i	0.3965-0.5993i	0.2677-0.1081i	0.6121-0.1650i	0.9571-1.0839i
30.8	0.1003-0.3731i	0.3039-0.1468i	-0.0085+0.6918i	0.3836-0.6043i	0.2853-0.1288i	0.6555-0.1943i	1.0446-1.1488i

30.9	0.0720−0.3562i	0.3071−0.1660i	−0.0081+0.7360i	0.3665−0.6200i	0.2931−0.1503i	0.6944−0.2381i	1.1122−1.2483i
31.0	0.0543−0.3327i	0.3041−0.1748i	−0.0145+0.7696i	0.3578−0.6304i	0.2949−0.1628i	0.7250−0.2804i	1.1805−1.3562i
31.1	0.0297−0.3038i	0.2970−0.1965i	−0.0231+0.8003i	0.3288−0.6563i	0.2898−0.1875i	0.7573−0.3416i	1.2221−1.5120i
31.2	0.0193−0.2680i	0.2916−0.2256i	−0.0143+0.8481i	0.3142−0.6613i	0.2859−0.2190i	0.7636−0.4003i	1.2358−1.6343i
31.3	0.0081−0.2179i	0.2975−0.2517i	−0.0248+0.8839i	0.3041−0.6532i	0.2920−0.2489i	0.7737−0.4612i	1.2638−1.7467i
31.4	0.0074−0.1790i	0.2886−0.2630i	−0.0094+0.9028i	0.2822−0.6665i	0.2829−0.2709i	0.7699−0.5148i	1.2329−1.8895i
31.5	0.0091−0.1321i	0.2768−0.3059i	−0.0012+0.9603i	0.2771−0.6779i	0.2737−0.3194i	0.7671−0.5937i	1.2444−2.0579i
31.6	0.0223−0.0935i	0.2643−0.3297i	0.0050+1.0103i	0.2592−0.6888i	0.2568−0.3480i	0.7515−0.6691i	1.1881−2.2261i
31.7	0.0512−0.0398i	0.2362−0.3643i	0.0243+1.0619i	0.2379−0.7078i	0.2249−0.3906i	0.7211−0.7488i	1.1007−2.4178i
31.8	0.0898+0.0112i	0.2150−0.4094i	0.0359+1.1356i	0.2169−0.7255i	0.1945−0.4393i	0.6826−0.8348i	0.9980−2.6170i
31.9	0.1466+0.0535i	0.1616−0.4488i	0.0976+1.1963i	0.1879−0.7449i	0.1331−0.4838i	0.6012−0.8987i	0.8218−2.7824i
32.0	0.1942+0.0665i	0.1150−0.4541i	0.1322+1.2336i	0.1477−0.7271i	0.0780−0.4854i	0.5322−0.9412i	0.6439−2.8325i
32.1	0.2588+0.0935i	0.0590−0.4751i	0.1828+1.2912i	0.0891−0.7096i	0.0074−0.5023i	0.4400−1.0060i	0.4032−2.9290i
32.2	0.3322+0.1036i	−0.0015−0.4683i	0.2512+1.3204i	0.0396−0.6931i	−0.0634−0.4928i	0.3446−1.0335i	0.1712−2.9810i
32.3	0.3931+0.0979i	−0.0673−0.4558i	0.3537+1.3317i	0.0118−0.6608i	−0.1341−0.4726i	0.2266−1.0265i	−0.0638−2.9550i
32.4	0.4491+0.0824i	−0.1270−0.4434i	0.4631+1.3386i	−0.0064−0.6245i	−0.1953−0.4523i	0.1167−1.0092i	−0.2744−2.8909i
32.5	0.5064+0.0453i	−0.1752−0.4013i	0.5452+1.3342i	−0.0321−0.5723i	−0.2485−0.3977i	0.0268−0.9864i	−0.4790−2.8030i
32.6	0.5486+0.0200i	−0.1989−0.3603i	0.6211+1.3078i	−0.0271−0.5141i	−0.2724−0.3454i	−0.0542−0.9497i	−0.6322−2.6773i
32.7	0.5766−0.0059i	−0.2167−0.3217i	0.6846+1.2825i	−0.0071−0.4580i	−0.2834−0.2971i	−0.1241−0.9179i	−0.7464−2.5519i
32.8	0.5975−0.0329i	−0.2335−0.2854i	0.7387+1.2273i	0.0309−0.4185i	−0.2922−0.2525i	−0.1785−0.8555i	−0.8029−2.3989i
32.9	0.6402−0.0552i	−0.2451−0.2515i	0.7899+1.1554i	0.0763−0.3922i	−0.2969−0.2154i	−0.2342−0.7765i	−0.8479−2.2511i
33.0	0.6557−0.0759i	−0.2211−0.2222i	0.8168+1.1275i	0.1477−0.3611i	−0.2599−0.1814i	−0.2694−0.7286i	−0.8521−2.1363i
33.1	0.7030−0.1017i	−0.2210−0.1929i	0.8432+1.0577i	0.2055−0.3536i	−0.2583−0.1528i	−0.2986−0.6518i	−0.8650−2.0085i
33.2	0.7924−0.1451i	−0.2481−0.1698i	0.8664+0.9893i	0.2633−0.3812i	−0.2848−0.1333i	−0.3215−0.5660i	−0.8629−1.9084i
33.3	0.8256−0.2298i	−0.2465−0.1212i	0.8577+0.9498i	0.2892−0.4005i	−0.2808−0.0812i	−0.3070−0.5176i	−0.8722−1.8547i
33.4	0.8480−0.3194i	−0.2347−0.0853i	0.8701+0.8911i	0.3245−0.4343i	−0.2620−0.0413i	−0.3107−0.4578i	−0.8808−1.7580i
33.5	0.8515−0.4181i	−0.2112−0.0513i	0.8765+0.8434i	0.3694−0.4734i	−0.2320−0.0053i	−0.3110−0.4139i	−0.8551−1.6659i
33.6	0.8143−0.5158i	−0.1802−0.0270i	0.8396+0.7771i	0.3850−0.5336i	−0.1961+0.0182i	−0.2715−0.3528i	−0.7655−1.5706i
33.7	0.7707−0.5718i	−0.1432−0.0228i	0.8075+0.7435i	0.3962−0.5839i	−0.1544+0.0219i	−0.2423−0.3208i	−0.6951−1.5257i
33.8	0.6965−0.6153i	−0.0953−0.0079i	0.7532+0.7289i	0.3866−0.6151i	−0.1022+0.0353i	−0.1960−0.3140i	−0.6171−1.5336i
33.9	0.6320−0.6272i	−0.0695−0.0248i	0.7081+0.7394i	0.3735−0.6474i	−0.0713+0.0165i	−0.1601−0.3317i	−0.5393−1.5965i
34.0	0.5946−0.6296i	−0.0576−0.0600i	0.7071+0.7817i	0.3589−0.6862i	−0.0568−0.0186i	−0.1652−0.3615i	−0.5392−1.6932i
34.1	0.5496−0.6146i	−0.0376−0.0837i	0.7235+0.8256i	0.3421−0.6962i	−0.0370−0.0437i	−0.1915−0.4007i	−0.6032−1.7828i
34.2	0.5317−0.6059i	−0.0460−0.0947i	0.7571+0.8108i	0.3130−0.7013i	−0.0403−0.0573i	−0.2293−0.3959i	−0.7160−1.8209i
34.3	0.5239−0.5875i	−0.0526−0.1197i	0.8075+0.8057i	0.2997−0.7153i	−0.0411−0.0861i	−0.2799−0.3935i	−0.8677−1.8264i
34.4	0.5297−0.5787i	−0.0615−0.1280i	0.8349+0.7590i	0.2886−0.7187i	−0.0463−0.0979i	−0.3210−0.3537i	−0.9717−1.7687i
34.5	0.5478−0.5796i	−0.0784−0.1145i	0.8395+0.6954i	0.2957−0.7039i	−0.0648−0.0898i	−0.3423−0.2966i	−1.0345−1.6673i
34.6	0.5466−0.5914i	−0.0798−0.1127i	0.8221+0.6479i	0.3000−0.7144i	−0.0667−0.0914i	−0.3462−0.2479i	−1.0716−1.5343i
34.7	0.5537−0.6087i	−0.0643−0.1053i	0.7818+0.6031i	0.3201−0.7255i	−0.0505−0.0839i	−0.3365−0.2058i	−1.1021−1.4085i
34.8	0.5684−0.6439i	−0.0680−0.0882i	0.7187+0.5361i	0.3349−0.7307i	−0.0554−0.0702i	−0.3079−0.1315i	−1.1013−1.2901i
34.9	0.5574−0.6762i	−0.0661−0.0846i	0.6670+0.5036i	0.3456−0.7461i	−0.0541−0.0686i	−0.2819−0.0920i	−1.0792−1.2289i
35.0	0.5663−0.7051i	−0.0519−0.0846i	0.6042+0.4970i	0.3687−0.7791i	−0.0381−0.0707i	−0.2482−0.0665i	−1.0274−1.1433i
35.1	0.5731−0.7249i	−0.0503−0.0891i	0.5745+0.5084i	0.3844−0.8151i	−0.0372−0.0779i	−0.2333−0.0588i	−0.9756−1.0839i
35.2	0.5760−0.7473i	−0.0438−0.0953i	0.5062+0.5085i	0.3967−0.8366i	−0.0344−0.0835i	−0.1904−0.0410i	−0.9199−1.0439i
35.3	0.5890−0.7728i	−0.0394−0.1054i	0.4614+0.5574i	0.4264−0.8747i	−0.0308−0.0919i	−0.1687−0.0622i	−0.8771−1.0181i
35.4	0.5837−0.8212i	−0.0309−0.1196i	0.3872+0.6070i	0.4399−0.9446i	−0.0200−0.1048i	−0.1248−0.0757i	−0.8307−0.9812i
35.5	0.5611−0.8477i	−0.0214−0.1261i	0.3574+0.6491i	0.4330−0.9920i	−0.0146−0.1132i	−0.1038−0.0911i	−0.7691−0.9536i
35.6	0.5482−0.8710i	−0.0171−0.1463i	0.3599+0.7386i	0.4273−1.0559i	−0.0086−0.1336i	−0.1231−0.1435i	−0.7345−0.9660i
35.7	0.5283−0.8874i	−0.0197−0.1727i	0.3457+0.8374i	0.4095−1.1168i	−0.0072−0.1561i	−0.1223−0.2050i	−0.7002−1.0484i
35.8	0.5414−0.9085i	−0.0397−0.1943i	0.3981+0.9267i	0.3912−1.1708i	−0.0288−0.1781i	−0.1833−0.2562i	−0.7298−1.1152i
35.9	0.5470−0.9484i	−0.0738−0.2067i	0.5224+0.9980i	0.3374−1.2416i	−0.0616−0.1907i	−0.2990−0.2767i	−0.8243−1.1533i
36.0	0.5390−1.0024i	−0.0961−0.2096i	0.6184+1.0025i	0.2776−1.2959i	−0.0844−0.1928i	−0.3751−0.2500i	−0.9033−1.1340i
36.1	0.5104−1.0485i	−0.1214−0.2056i	0.6956+0.9474i	0.2033−1.3290i	−0.1101−0.1879i	−0.4430−0.1704i	−1.0041−1.0937i
36.2	0.5010−1.0920i	−0.1319−0.2023i	0.7576+0.8890i	0.1585−1.3542i	−0.1162−0.1840i	−0.5057−0.0977i	−1.0710−1.0276i
36.3	0.4753−1.1510i	−0.1493−0.1767i	0.7785+0.8202i	0.1228−1.3739i	−0.1298−0.1607i	−0.5286−0.0092i	−1.0855−0.8814i
36.4	0.4437−1.2098i	−0.1755−0.1570i	0.7811+0.7476i	0.0712−1.3920i	−0.1555−0.1397i	−0.5363+0.0955i	−1.1393−0.7290i
36.5	0.3792−1.2577i	−0.1639−0.1462i	0.7417+0.6903i	0.0271−1.4078i	−0.1431−0.1260i	−0.4939+0.1850i	−1.0757−0.5733i
36.6	0.3270−1.2755i	−0.1511−0.1429i	0.7221+0.6453i	−0.0185−1.4087i	−0.1303−0.1229i	−0.4655+0.2536i	−1.0305−0.4919i
36.7	0.2648−1.2848i	−0.1491−0.1288i	0.6966+0.6059i	−0.0690−1.3953i	−0.1263−0.1120i	−0.4258+0.3179i	−0.9475−0.4010i
36.8	0.2144−1.2963i	−0.1420−0.1258i	0.6643+0.6044i	−0.1071−1.4028i	−0.1191−0.1087i	−0.3820+0.3508i	−0.8610−0.3710i
36.9	0.1799−1.2974i	−0.1336−0.1249i	0.6279+0.6027i	−0.1315−1.4017i	−0.1116−0.1083i	−0.3382+0.3762i	−0.7893−0.3487i
37.0	0.1411−1.3007i	−0.1307−0.1344i	0.5884+0.6027i	−0.1645−1.4067i	−0.1080−0.1166i	−0.2970+0.3972i	−0.7053−0.3732i
37.1	0.1153−1.3104i	−0.1211−0.1398i	0.5781+0.6252i	−0.1810−1.4282i	−0.1001−0.1257i	−0.2760+0.4090i	−0.6861−0.3925i

37.2	0.0955-1.3365i	-0.1127-0.1392i	0.5651+0.6366i	-0.1862-1.4551i	-0.0895-0.1203i	-0.2579+0.4307i	-0.6570-0.3592i
37.3	0.0570-1.3634i	-0.1112-0.1527i	0.5443+0.6317i	-0.2221-1.4872i	-0.0860-0.1334i	-0.2231+0.4582i	-0.6169-0.3385i
37.4	0.0040-1.3986i	-0.1163-0.1687i	0.5225+0.6340i	-0.2745-1.5313i	-0.0888-0.1436i	-0.1823+0.4910i	-0.5769-0.2748i
37.5	-0.0377-1.4167i	-0.1106-0.1866i	0.5154+0.6070i	-0.3226-1.5526i	-0.0850-0.1594i	-0.1562+0.5336i	-0.5545-0.2216i
37.6	-0.0856-1.4452i	-0.1210-0.2045i	0.5064+0.5837i	-0.3758-1.5893i	-0.0905-0.1739i	-0.1363+0.5822i	-0.5311-0.1725i
37.7	-0.1817-1.4697i	-0.1413-0.2188i	0.4522+0.5779i	-0.4794-1.6333i	-0.1059-0.1884i	-0.0622+0.6233i	-0.3912-0.1310i
37.8	-0.2308-1.4755i	-0.1537-0.2420i	0.3962+0.5570i	-0.5310-1.6496i	-0.1148-0.2120i	0.0091+0.6682i	-0.2938-0.0930i
37.9	-0.3114-1.4909i	-0.1891-0.2605i	0.3188+0.5922i	-0.6397-1.6795i	-0.1440-0.2275i	0.1244+0.6713i	-0.1569-0.1718i
38.0	-0.4018-1.4685i	-0.2316-0.2600i	0.2603+0.6444i	-0.7613-1.6535i	-0.1786-0.2287i	0.2334+0.6345i	-0.1071-0.2744i
38.1	-0.4817-1.4287i	-0.2659-0.2563i	0.2360+0.6930i	-0.8732-1.6169i	-0.2067-0.2263i	0.2912+0.5904i	-0.1292-0.3451i
38.2	-0.5286-1.3633i	-0.3015-0.2342i	0.2062+0.7175i	-0.9499-1.5320i	-0.2383-0.2041i	0.3475+0.5354i	-0.1394-0.3467i
38.3	-0.5581-1.3360i	-0.3288-0.2101i	0.1670+0.7601i	-1.0060-1.4787i	-0.2545-0.1852i	0.3871+0.4761i	-0.1424-0.3521i
38.4	-0.5740-1.3194i	-0.3409-0.1931i	0.1363+0.8034i	-1.0371-1.4438i	-0.2652-0.1722i	0.4077+0.4394i	-0.1331-0.3434i
38.5	-0.5970-1.2863i	-0.3490-0.1645i	0.0950+0.8537i	-1.0593-1.3804i	-0.2679-0.1493i	0.4328+0.4008i	-0.0992-0.3191i
38.6	-0.6358-1.2737i	-0.3623-0.1356i	0.0526+0.9383i	-1.1028-1.3319i	-0.2759-0.1255i	0.4563+0.3422i	-0.0319-0.3302i
38.7	-0.6818-1.2764i	-0.3753-0.1166i	0.0055+1.0430i	-1.1602-1.3161i	-0.2873-0.1102i	0.5054+0.2788i	0.0330-0.3357i
38.8	-0.7153-1.2571i	-0.3823-0.0860i	0.0154+1.1691i	-1.1987-1.2681i	-0.2922-0.0878i	0.5064+0.1828i	0.0657-0.4042i
38.9	-0.7914-1.2275i	-0.3853-0.0578i	0.0627+1.2993i	-1.2691-1.2103i	-0.2900-0.0698i	0.4734+0.0923i	0.1013-0.4833i
39.0	-0.8466-1.1910i	-0.3819-0.0323i	0.1186+1.4189i	-1.3177-1.1474i	-0.2856-0.0531i	0.4450+0.0069i	0.1018-0.5486i
39.1	-0.9061-1.1377i	-0.3629-0.0081i	0.2412+1.4971i	-1.3517-1.0694i	-0.2669-0.0373i	0.3546-0.0486i	0.0653-0.6103i
39.2	-0.9590-1.0975i	-0.3468+0.0077i	0.3216+1.5436i	-1.3768-1.0101i	-0.2497-0.0253i	0.2821-0.0645i	0.0471-0.6484i
39.3	-0.9782-1.0502i	-0.3363+0.0171i	0.4121+1.5941i	-1.3827-0.9587i	-0.2426-0.0248i	0.2156-0.0661i	-0.0158-0.7048i
39.4	-1.0129-1.0075i	-0.3203+0.0179i	0.4966+1.6434i	-1.3986-0.9161i	-0.2317-0.0297i	0.1749-0.0562i	-0.0650-0.7000i
39.5	-1.0695-0.9454i	-0.3054+0.0109i	0.6666+1.6781i	-1.4350-0.8575i	-0.2213-0.0387i	0.0837-0.0563i	-0.1348-0.6828i
39.6	-1.1027-0.8625i	-0.3204-0.0003i	0.8063+1.6458i	-1.4632-0.7790i	-0.2380-0.0547i	-0.0014-0.0083i	-0.1852-0.6369i
39.7	-1.1036-0.7795i	-0.3528+0.0124i	0.8850+1.5381i	-1.4660-0.7009i	-0.2743-0.0481i	0.0055+0.0885i	-0.1360-0.6043i
39.8	-1.0650-0.7298i	-0.3333+0.0681i	0.8561+1.4663i	-1.4163-0.6197i	-0.2572+0.0080i	0.0594+0.1212i	-0.1549-0.6325i
39.9	-1.0617-0.6692i	-0.3031+0.0781i	0.9294+1.4862i	-1.4091-0.5589i	-0.2307+0.0162i	0.0069+0.0954i	-0.2342-0.6187i
40.0	-1.0806-0.6389i	-0.2831+0.0652i	1.0134+1.4604i	-1.4089-0.5408i	-0.2142+0.0039i	-0.0489+0.1013i	-0.2706-0.5805i
40.1	-1.0547-0.5835i	-0.2821+0.0538i	1.0298+1.3855i	-1.3750-0.5035i	-0.2147-0.0110i	-0.0364+0.1619i	-0.2478-0.5059i
40.2	-1.0339-0.5377i	-0.2915+0.0562i	1.0810+1.3529i	-1.3697-0.4558i	-0.2288-0.0113i	-0.0583+0.1734i	-0.2402-0.4836i
40.3	-1.0276-0.4942i	-0.2910+0.0538i	1.1220+1.3288i	-1.3741-0.4191i	-0.2331-0.0114i	-0.0765+0.1946i	-0.2299-0.4597i
40.4	-1.0234-0.4813i	-0.2826+0.0595i	1.0932+1.2875i	-1.3552-0.4046i	-0.2280-0.0054i	-0.0347+0.2267i	-0.2049-0.4121i
40.5	-1.0029-0.4461i	-0.2947+0.0630i	1.1015+1.2970i	-1.3551-0.3627i	-0.2414-0.0028i	-0.0091+0.2148i	-0.1970-0.3829i
40.6	-0.9803-0.4215i	-0.3143+0.0765i	1.1605+1.2388i	-1.3640-0.3124i	-0.2635+0.0103i	-0.0452+0.2532i	-0.1842-0.3473i
40.7	-0.9649-0.4107i	-0.3301+0.0738i	1.1104+1.2687i	-1.3716-0.3045i	-0.2789+0.0085i	0.0218+0.2233i	-0.1280-0.3056i
40.8	-0.9333-0.3811i	-0.3461+0.0970i	1.0299+1.2879i	-1.3508-0.2611i	-0.2952+0.0308i	0.1057+0.1920i	-0.0481-0.3013i
40.9	-0.9452-0.3437i	-0.3311+0.1302i	1.0453+1.2900i	-1.3533-0.1981i	-0.2794+0.0630i	0.0561+0.2003i	-0.0320-0.3340i
41.0	-0.9129-0.2933i	-0.3164+0.1556i	1.0689+1.3572i	-1.3149-0.1191i	-0.2635+0.0858i	0.0380+0.1621i	0.0068-0.3078i
41.1	-0.8838-0.2728i	-0.3042+0.1744i	1.1950+1.3662i	-1.2812-0.0676i	-0.2545+0.1008i	-0.0414+0.1844i	0.0311-0.3050i
41.2	-0.8507-0.2872i	-0.2997+0.2109i	1.4367+1.3216i	-1.2643-0.0136i	-0.2550+0.1339i	-0.2325+0.1921i	0.0354-0.3629i
41.3	-0.8634-0.3083i	-0.2634+0.2344i	1.5755+1.1537i	-1.2229+0.0282i	-0.2202+0.1599i	-0.3385+0.3296i	0.0495-0.4036i
41.4	-0.8554-0.3024i	-0.2519+0.2254i	1.4572+1.0857i	-1.1766+0.0175i	-0.2095+0.1529i	-0.2217+0.3631i	0.0639-0.3655i
41.5	-0.8365-0.2715i	-0.2538+0.2350i	1.4606+1.1601i	-1.1670+0.0502i	-0.2098+0.1603i	-0.2255+0.3170i	0.1103-0.3635i
41.6	-0.8228-0.2763i	-0.2274+0.2360i	1.6026+1.0132i	-1.1343+0.0555i	-0.1917+0.1597i	-0.3043+0.4662i	0.0628-0.4069i
41.7	-0.8312-0.2916i	-0.2328+0.2484i	1.5085+0.9346i	-1.1349+0.0497i	-0.1989+0.1761i	-0.2411+0.4857i	0.0615-0.3892i
41.8	-0.8501-0.2483i	-0.2136+0.2899i	1.5350+0.8786i	-1.1275+0.1516i	-0.1770+0.2180i	-0.3077+0.5845i	0.0887-0.3994i
41.9	-0.8010-0.2311i	-0.1852+0.3294i	1.6290+0.7958i	-1.0567+0.2365i	-0.1512+0.2498i	-0.3255+0.7227i	0.1056-0.4424i
42.0	-0.7770-0.2617i	-0.1398+0.3262i	1.6398+0.6862i	-0.9617+0.1958i	-0.1084+0.2478i	-0.2570+0.7685i	0.1092-0.4602i
42.1	-0.8014-0.2872i	-0.1465+0.3074i	1.6049+0.6004i	-0.9817+0.1415i	-0.1205+0.2328i	-0.2697+0.7527i	0.1343-0.4671i
42.2	-0.8165-0.2629i	-0.1261+0.3265i	1.5041+0.5224i	-0.9632+0.1747i	-0.0973+0.2563i	-0.2203+0.8509i	0.1529-0.4955i
42.3	-0.8222-0.2698i	-0.0877+0.3735i	1.3595+0.4582i	-0.9467+0.2227i	-0.0529+0.3057i	-0.1013+0.9180i	0.0903-0.5394i
42.4	-0.8658-0.3017i	0.0057+0.3932i	1.3182+0.4005i	-0.8852+0.3080i	0.0448+0.3321i	-0.0847+0.9932i	0.0202-0.5179i
42.5	-0.8898-0.3001i	0.0333+0.3556i	1.2962+0.4677i	-0.8275+0.3125i	0.0760+0.2915i	-0.0489+0.9518i	-0.0022-0.5115i
42.6	-0.8737-0.2580i	0.0288+0.3467i	1.3730+0.5016i	-0.7803+0.2943i	0.0651+0.2737i	-0.0816+0.9262i	-0.0226-0.4615i
42.7	-0.8589-0.1944i	0.0479+0.3186i	1.3580+0.4118i	-0.7480+0.2888i	0.0811+0.2422i	-0.0475+1.0394i	0.0020-0.4359i
42.8	-0.9114-0.1354i	0.0919+0.2684i	1.2437+0.4116i	-0.7182+0.2515i	0.1352+0.1927i	0.0433+1.0562i	0.0822-0.4641i
42.9	-0.9002-0.1800i	0.0727+0.3473i	1.3149+0.3050i	-0.7289+0.3102i	0.1136+0.2750i	-0.0119+1.1274i	0.0475-0.5268i
43.0	-0.8896-0.1038i	0.1522+0.3210i	1.1255+0.2908i	-0.6358+0.3303i	0.2017+0.2413i	0.2250+1.1918i	-0.0375-0.5025i
43.1	-0.9203+0.0061i	0.2276+0.1826i	1.1200+0.3362i	-0.5812+0.2662i	0.2803+0.0878i	0.2409+1.1753i	-0.0526-0.4493i
43.2	-0.9219+0.0319i	0.2278+0.1284i	1.1229+0.3571i	-0.5641+0.2310i	0.2734+0.0284i	0.2584+1.1304i	-0.0345-0.4181i
43.3	-0.8427+0.0442i	0.1883+0.1159i	1.1344+0.1906i	-0.5381+0.2386i	0.2223+0.0152i	0.2760+1.2492i	-0.0470-0.4230i
43.4	-0.8188-0.0024i	0.1722+0.1493i	0.9148+0.0597i	-0.5294+0.2547i	0.2045+0.0580i	0.4247+1.3292i	-0.0797-0.3940i

43.5	−0.9136−0.0140i	0.2557+0.1598i	0.7216+0.1477i	−0.4673+0.2626i	0.2947+0.0702i	0.5245+1.3012i	−0.0788−0.3827i
43.6	−0.9388+0.0472i	0.3054+0.1255i	0.7230+0.2350i	−0.3953+0.2626i	0.3505+0.0281i	0.5322+1.3030i	−0.1196−0.3961i
43.7	−0.8351+0.1005i	0.2326+0.0779i	0.9177+0.2230i	−0.4211+0.2257i	0.2660−0.0286i	0.4192+1.3262i	−0.1141−0.3371i
43.8	−0.7715+0.1559i	0.1980+0.0560i	0.7490+0.1798i	−0.3897+0.2315i	0.2296−0.0586i	0.6366+1.4143i	−0.1086−0.2714i
43.9	−0.6880+0.0971i	0.2033+0.0845i	0.6627+0.2342i	−0.3199+0.2129i	0.2178−0.0309i	0.7963+1.3355i	−0.0764−0.2482i
44.0	−0.6920+0.0323i	0.2320+0.1110i	0.6369+0.2102i	−0.2906+0.2078i	0.2374+0.0033i	0.8249+1.3063i	−0.0612−0.2784i
44.1	−0.7376+0.0456i	0.2861+0.1174i	0.4924−0.0493i	−0.2225+0.2783i	0.2960+0.0207i	0.9772+1.5925i	−0.1979−0.3819i
44.2	−0.8064+0.0345i	0.3254+0.0663i	0.2809+0.2088i	−0.2013+0.1887i	0.3408−0.0262i	1.2069+1.3439i	−0.2295−0.2933i
44.3	−0.8087+0.1328i	0.3554−0.0333i	0.2564+0.5474i	−0.1010+0.1152i	0.3755−0.1363i	1.3334+1.0390i	−0.2577−0.1970i
44.4	−0.7187+0.1835i	0.3153−0.0837i	0.5003+0.6391i	−0.0773+0.0007i	0.3274−0.1907i	1.1681+0.7930i	−0.2771−0.0775i
44.5	−0.7281+0.1529i	0.3041−0.0820i	0.5680+0.3902i	−0.1523−0.0285i	0.3122−0.1780i	0.9621+0.9877i	−0.2164−0.0697i
44.6	−0.7224+0.1822i	0.3106−0.1132i	0.3104+0.3534i	−0.1198−0.0564i	0.3235−0.2143i	1.1549+1.0745i	−0.2714−0.0122i
44.7	−0.6609+0.2220i	0.3150−0.1188i	0.2529+0.3996i	−0.0814−0.1162i	0.3293−0.2246i	1.2250+0.9907i	−0.2881+0.1220i
44.8	−0.6395+0.2023i	0.3285−0.1478i	0.1384+0.4275i	−0.1150−0.1294i	0.3432−0.2525i	1.2238+0.9595i	−0.2165+0.2342i
44.9	−0.5919+0.2227i	0.2711−0.1550i	0.1395+0.5939i	−0.1550−0.0627i	0.2785−0.2601i	1.1940+0.9384i	−0.0918+0.2616i
45.0	−0.5756+0.2222i	0.2693−0.1663i	0.2041+0.6797i	−0.1480−0.0686i	0.2658−0.2704i	1.1829+0.9416i	−0.0368+0.2823i
45.1	−0.5096+0.1736i	0.2967−0.1508i	0.2765+0.5830i	−0.0598−0.0485i	0.2830−0.2492i	1.2011+1.0371i	0.0577+0.2784i
45.2	−0.5275+0.1746i	0.3097−0.1971i	0.1737+0.5348i	0.0077−0.1009i	0.3070−0.2928i	1.3219+1.0421i	0.0458+0.2595i
45.3	−0.5038+0.1940i	0.3206−0.2163i	0.0381+0.5190i	0.0652−0.1494i	0.3252−0.3165i	1.4570+1.1138i	0.0519+0.2997i
45.4	−0.4147+0.1516i	0.3334−0.2549i	−0.1810+0.6248i	0.1645−0.2429i	0.3299−0.3494i	1.7359+1.0058i	0.1170+0.3301i
45.5	−0.4460+0.0692i	0.3450−0.2466i	−0.3184+0.7263i	0.1910−0.3239i	0.3508−0.3327i	1.8640+0.8108i	0.1133+0.3100i
45.6	−0.5747+0.1349i	0.4133−0.3071i	−0.5220+0.9000i	0.1595−0.3742i	0.4375−0.4084i	1.8800+0.6502i	0.0234+0.3753i
45.7	−0.5129+0.1925i	0.4275−0.4253i	−0.5922+1.2391i	0.2261−0.4931i	0.4461−0.5413i	1.9146+0.4579i	0.0312+0.5176i
45.8	−0.5014+0.2282i	0.3924−0.5228i	−0.4900+1.5869i	0.1886−0.6205i	0.4055−0.6445i	1.8429+0.2271i	0.0723+0.6563i
45.9	−0.4260+0.3272i	0.3146−0.6429i	−0.2644+1.9093i	0.1555−0.7231i	0.3202−0.7811i	1.7028+0.1060i	0.1967+0.8733i
46.0	−0.2713+0.2865i	0.1958−0.5975i	0.0410+1.8423i	0.1327−0.7529i	0.1832−0.7388i	1.5482+0.1625i	0.4259+0.8840i
46.1	−0.1668+0.1913i	0.2273−0.4916i	0.0649+1.5849i	0.1479−0.7686i	0.2009−0.6269i	1.6806+0.3299i	0.5663+0.8341i
46.2	−0.2096+0.0724i	0.3567−0.5436i	−0.2123+1.5869i	0.2026−0.8078i	0.3284−0.6649i	1.9807+0.2380i	0.6126+0.7159i
46.3	−0.3729+0.0096i	0.2963−0.7793i	−0.0765+2.0484i	0.0671−1.0415i	0.2764−0.8958i	1.7802−0.2685i	0.6110+0.6937i
46.4	−0.3006+0.0206i	0.0861−0.9259i	0.3243+2.1891i	−0.0429−1.2290i	0.0587−1.0487i	1.3276−0.3306i	0.7788+0.8569i
46.5	−0.2441+0.0166i	0.0133−0.8837i	0.2861+1.9510i	−0.0318−1.2112i	−0.0148−1.0074i	1.3523−0.0327i	0.8735+0.8677i
46.6	−0.2755−0.0148i	−0.0216−0.8195i	0.0197+1.9301i	−0.0590−1.2149i	−0.0503−0.9473i	1.6285+0.0058i	0.9275+0.8699i
46.7	−0.2484−0.1274i	−0.1560−0.7533i	0.2060+2.2438i	−0.2173−1.3552i	−0.2011−0.8811i	1.5098−0.2579i	1.1802+0.7834i
46.8	−0.3235−0.1548i	−0.0805−0.6715i	0.3288+2.1398i	−0.2639−1.3174i	−0.1228−0.7829i	1.4423−0.1018i	1.1634+0.6050i
46.9	−0.3770−0.1603i	−0.0533−0.7444i	0.1741+2.3010i	−0.3079−1.4322i	−0.0914−0.8623i	1.6616−0.2171i	1.1245+0.6401i
47.0	−0.4033−0.1553i	−0.1152−0.8011i	0.4100+2.5952i	−0.4856−1.5004i	−0.1619−0.9213i	1.5193−0.5059i	1.2356+0.6660i
47.1	−0.4945−0.1797i	−0.2116−0.8561i	0.8311+2.7861i	−0.7321−1.5588i	−0.2638−0.9725i	1.2058−0.6746i	1.3272+0.5355i
47.2	−0.5055−0.1720i	−0.3174−0.9215i	1.2127+2.8816i	−0.8896−1.6518i	−0.3772−1.0442i	0.8926−0.7547i	1.4300+0.5402i
47.3	−0.4318−0.1586i	−0.4808−0.9703i	1.5939+2.6982i	−1.0531−1.6814i	−0.5603−1.0939i	0.6542−0.6128i	1.5817+0.6343i
47.4	−0.3512−0.2115i	−0.7004−0.8277i	1.8925+2.1989i	−1.2559−1.4955i	−0.8064−0.9332i	0.4477−0.2473i	1.8441+0.5303i
47.5	−0.4216−0.3308i	−0.7247−0.6205i	1.7111+1.7897i	−1.2969−1.3296i	−0.8289−0.6946i	0.5829+0.0840i	1.9197+0.2553i
47.6	−0.6275−0.2775i	−0.5636−0.4931i	1.2407+1.9382i	−1.2563−1.2472i	−0.6338−0.5550i	1.0168−0.0008i	1.6420+0.0535i
47.7	−0.6042−0.2842i	−0.5426−0.4764i	1.4628+2.0036i	−1.3104−1.2969i	−0.6194−0.5470i	0.8621−0.1099i	1.6758+0.0373i
47.8	−0.6520−0.2913i	−0.5336−0.4589i	1.6140+1.7413i	−1.4486−1.2418i	−0.6211−0.5231i	0.7714+0.0877i	1.6790−0.0508i
47.9	−0.7500−0.3058i	−0.5048−0.3943i	1.2716+1.5682i	−1.4674−1.1125i	−0.5790−0.4404i	1.0446+0.1489i	1.6510−0.1443i
48.0	−0.8673−0.3190i	−0.5092−0.3325i	1.1663+1.6601i	−1.6326−1.0425i	−0.5832−0.3700i	1.0351+0.0538i	1.7248−0.2185i
48.1	−0.9911−0.3183i	−0.4120−0.2659i	1.0050+1.7405i	−1.6414−0.9196i	−0.4692−0.2861i	1.1612+0.0403i	1.6738−0.4473i
48.2	−1.1179−0.1282i	−0.3479−0.3225i	1.1299+1.9725i	−1.6893−0.8186i	−0.3840−0.3505i	1.0703−0.1197i	1.4609−0.5267i
48.3	−1.0941−0.0328i	−0.3525−0.3335i	1.2525+1.8589i	−1.7283−0.6872i	−0.3870−0.3660i	0.9879−0.0164i	1.4201−0.5108i
48.4	−1.1571+0.0213i	−0.3064−0.4077i	1.1173+1.9129i	−1.6650−0.6310i	−0.3283−0.4402i	1.1257+0.0317i	1.3238−0.5873i
48.5	−1.1970+0.0660i	−0.3193−0.4409i	1.0045+1.9528i	−1.6472−0.6175i	−0.3360−0.4741i	1.2860+0.0019i	1.2326−0.5825i
48.6	−1.2690+0.2172i	−0.3002−0.5086i	0.8627+2.3110i	−1.6456−0.6047i	−0.3041−0.5524i	1.4044−0.2945i	1.1267−0.5281i
48.7	−1.1942+0.3125i	−0.3922−0.6167i	1.2102+2.6606i	−1.7056−0.7070i	−0.4030−0.6779i	1.2222−0.5195i	1.1337−0.4067i
48.8	−1.0345+0.2750i	−0.5459−0.5861i	1.5959+2.3695i	−1.7514−0.6629i	−0.5724−0.6368i	1.0226−0.3919i	1.2649−0.3319i
48.9	−1.0692+0.2175i	−0.5870−0.3849i	1.4854+2.0160i	−1.7702−0.5278i	−0.6033−0.4273i	1.0703−0.2366i	1.2993−0.4509i
49.0	−1.0845+0.3037i	−0.4652−0.3057i	1.4051+2.1323i	−1.7379−0.4610i	−0.4738−0.3616i	1.0682−0.3218i	1.2048−0.5330i
49.1	−1.1284+0.3523i	−0.3865−0.3508i	1.2992+2.2225i	−1.7152−0.4258i	−0.3881−0.4008i	1.1789−0.3601i	1.1298−0.5485i
49.2	−1.1170+0.4799i	−0.3691−0.4100i	1.4625+2.3713i	−1.7236−0.3653i	−0.3703−0.4702i	1.1032−0.4933i	1.0035−0.4962i
49.3	−1.0922+0.4850i	−0.3941−0.4290i	1.6801+2.2451i	−1.7959−0.2974i	−0.4069−0.4812i	0.9391−0.4402i	1.0128−0.4755i
49.4	−1.0990+0.4698i	−0.4378−0.4902i	1.6216+2.2250i	−1.7802−0.3167i	−0.4447−0.5360i	0.9571−0.4792i	1.0228−0.4366i
49.5	−1.1126+0.5119i	−0.4727−0.4590i	1.5890+2.2223i	−1.7590−0.2792i	−0.4702−0.5032i	0.9909−0.5002i	0.9786−0.4607i
49.6	−1.1416+0.6284i	−0.4225−0.4583i	1.7015+2.3524i	−1.7483−0.2286i	−0.4130−0.5134i	0.8266−0.5834i	0.8234−0.4264i
49.7	−1.0972+0.7650i	−0.4473−0.5098i	1.8819+2.2757i	−1.7633−0.1624i	−0.4350−0.5812i	0.7044−0.4547i	0.7483−0.3008i

49.8	-0.9895+0.8265i	-0.5252-0.5249i	2.0143+2.1505i	-1.7763-0.1157i	-0.5240-0.6058i	0.6588-0.3481i	0.7996-0.1616i
49.9	-0.9543+0.7407i	-0.5587-0.4111i	1.8497+1.8752i	-1.7686-0.0353i	-0.5633-0.4746i	0.7787-0.1780i	0.9393-0.1776i
50.0	-1.0393+0.7568i	-0.4600-0.3581i	1.5583+1.9658i	-1.7254+0.0071i	-0.4464-0.4200i	1.0139-0.2735i	0.8679-0.2251i
50.1	-1.0052+0.8660i	-0.5077-0.4536i	1.7743+2.2069i	-1.7953-0.0285i	-0.4970-0.5319i	0.8297-0.4871i	0.8465-0.0836i
50.2	-0.9495+0.8774i	-0.5331-0.4237i	1.8598+2.1321i	-1.7834+0.0290i	-0.5290-0.5062i	0.7290-0.4308i	0.9255-0.0522i
50.3	-0.9438+0.9114i	-0.5260-0.3880i	1.9227+2.0411i	-1.7885+0.1208i	-0.5190-0.4673i	0.6509-0.3312i	0.9244-0.0564i
50.4	-0.9323+0.9162i	-0.5211-0.3655i	1.9468+1.9729i	-1.7914+0.1484i	-0.5106-0.4455i	0.6245-0.2553i	0.9352-0.0939i
50.5	-0.8832+0.9912i	-0.5198-0.4068i	1.9308+1.9694i	-1.7924+0.1646i	-0.5083-0.4933i	0.6542-0.2538i	0.9334+0.0089i
50.6	-0.8563+1.0217i	-0.4963-0.4008i	1.8528+1.9125i	-1.7667+0.2404i	-0.4896-0.4897i	0.6944-0.1716i	0.9829+0.0562i
50.7	-0.8976+1.0220i	-0.4518-0.3666i	1.6934+1.8410i	-1.7434+0.3537i	-0.4399-0.4468i	0.7983-0.0300i	1.0194-0.0118i
50.8	-0.9448+1.1005i	-0.4153-0.4136i	1.5706+1.9893i	-1.7112+0.4018i	-0.3933-0.4924i	0.9043-0.1109i	0.9694-0.0096i
50.9	-0.9510+1.2222i	-0.4142-0.5118i	1.6507+2.2424i	-1.6636+0.4132i	-0.3840-0.5991i	0.8823-0.2756i	0.9055+0.0099i
51.0	-0.9295+1.3134i	-0.4199-0.5416i	1.6606+2.2876i	-1.6075+0.4328i	-0.3866-0.6449i	0.9197-0.2754i	0.8462+0.0709i
51.1	-0.8340+1.4476i	-0.4661-0.6278i	1.8370+2.4930i	-1.5925+0.4105i	-0.4435-0.7486i	0.8221-0.4418i	0.8366+0.2198i
51.2	-0.6724+1.4502i	-0.6199-0.5747i	2.0744+2.1527i	-1.6345+0.5142i	-0.6234-0.6865i	0.6295-0.1774i	1.0660+0.3108i
51.3	-0.7130+1.3633i	-0.5688-0.4349i	1.6374+1.9423i	-1.5335+0.6005i	-0.5536-0.5346i	0.9728+0.0486i	1.1259+0.1383i
51.4	-0.8296+1.5170i	-0.3986-0.4734i	1.2348+2.4071i	-1.3933+0.6086i	-0.3519-0.5881i	1.3439-0.2336i	0.9136+0.0834i
51.5	-0.7255+1.7796i	-0.4058-0.6906i	1.5603+3.0504i	-1.3956+0.4789i	-0.3676-0.8455i	1.1274-0.7546i	0.8111+0.3473i
51.6	-0.5144+1.8802i	-0.5180-0.7981i	2.0260+3.1835i	-1.4238+0.4244i	-0.5048-0.9729i	0.7738-0.8989i	0.8828+0.5471i
51.7	-0.3018+1.9761i	-0.6329-0.8482i	2.3683+3.2067i	-1.4487+0.4514i	-0.6431-1.0346i	0.5330-0.8622i	1.0571+0.7621i
51.8	-0.1728+1.9654i	-0.7067-0.8225i	2.5363+3.0354i	-1.4791+0.5225i	-0.7369-1.0047i	0.4445-0.6220i	1.1949+0.8331i
51.9	-0.0614+1.8564i	-0.7455-0.7579i	2.5696+2.7731i	-1.4431+0.6046i	-0.7881-0.9179i	0.5170-0.4311i	1.3279+0.7528i
52.0	-0.0700+1.8907i	-0.7447-0.8380i	2.5275+2.9811i	-1.3881+0.5771i	-0.7751-0.9973i	0.5748-0.6688i	1.3312+0.7259i
52.1	0.0176+1.9767i	-0.8256-0.8840i	2.6628+3.1006i	-1.3964+0.5775i	-0.8579-1.0548i	0.4693-0.7648i	1.3755+0.8239i
52.2	0.2804+2.0218i	-1.0216-0.8753i	3.1809+3.1246i	-1.4409+0.5981i	-1.0743-1.0543i	0.0507-0.7473i	1.5559+0.9619i
52.3	0.4162+1.8535i	-1.1139-0.7361i	3.3465+2.6312i	-1.4654+0.6990i	-1.1835-0.8907i	-0.0661-0.2851i	1.8003+0.9429i
52.4	0.3456+1.8315i	-1.0304-0.6709i	2.9940+2.6213i	-1.3731+0.7891i	-1.0833-0.8208i	0.3192-0.2372i	1.7666+0.7784i
52.5	0.4323+1.9058i	-1.0542-0.7190i	3.1922+2.8838i	-1.3373+0.7717i	-1.1110-0.8849i	0.1572-0.4784i	1.7437+0.9174i
52.6	0.5357+1.8156i	-1.0760-0.6072i	3.2380+2.3581i	-1.2520+0.9278i	-1.1409-0.7523i	0.1541+0.0844i	1.9481+0.8939i
52.7	0.4833+1.8227i	-1.0067-0.5404i	2.7838+2.3006i	-1.1127+1.0133i	-1.0553-0.6795i	0.6164+0.2782i	2.0006+0.7617i
52.8	0.5769+1.9793i	-0.9832-0.6427i	2.8897+2.9049i	-1.0534+0.8814i	-1.0363-0.8140i	0.6375-0.1951i	2.0202+0.8278i
52.9	0.7675+2.0114i	-1.0506-0.7461i	3.1927+3.0804i	-1.0826+0.8355i	-1.1200-0.9252i	0.4880-0.3117i	2.2070+0.8825i
53.0	0.9050+2.1659i	-1.1309-0.9686i	3.4966+3.5820i	-0.9636+0.7252i	-1.2050-1.1700i	0.4180-0.7552i	2.2479+0.9727i
53.1	1.2977+2.1178i	-1.4390-0.9612i	4.3542+3.3275i	-1.0489+0.6340i	-1.5609-1.1660i	-0.1421-0.6368i	2.5576+1.0527i
53.2	1.5867+1.8717i	-1.6581-0.7706i	4.7859+2.7364i	-1.1480+0.7070i	-1.8128-0.9474i	-0.3948-0.2002i	2.8645+0.9221i
53.3	1.6480+1.5511i	-1.7049-0.5079i	4.6672+2.1238i	-1.1530+0.8600i	-1.8603-0.6494i	-0.2772+0.2651i	2.9995+0.6182i
53.4	1.5831+1.3068i	-1.6504-0.3269i	4.3438+1.8515i	-1.0606+0.9227i	-1.7988-0.4493i	0.0102+0.4370i	3.0344+0.3515i
53.5	1.3993+1.2484i	-1.4469-0.2686i	3.9456+1.9569i	-0.8264+0.8521i	-1.5653-0.3849i	0.4614+0.2726i	2.8480+0.1483i
53.6	1.4478+1.2897i	-1.4059-0.3284i	4.2590+2.0510i	-0.8294+0.7253i	-1.5208-0.4582i	0.2437+0.1277i	2.7566+0.0987i
53.7	1.5364+1.2335i	-1.4782-0.3147i	4.2649+1.7067i	-0.9332+0.7994i	-1.6033-0.4372i	0.2223+0.4811i	2.7901+0.0600i
53.8	1.5716+1.2874i	-1.4922-0.4037i	4.1617+2.0883i	-0.8449+0.7773i	-1.6145-0.5446i	0.4546+0.1642i	2.7114+0.1200i
53.9	1.7460+1.1694i	-1.6347-0.3121i	4.5818+1.8971i	-0.8830+0.8035i	-1.7811-0.4445i	0.1826+0.2388i	2.8527+0.1014i
54.0	1.7779+0.9693i	-1.6307-0.1449i	4.5846+1.4199i	-0.8478+0.8962i	-1.7859-0.2480i	0.2218+0.6090i	2.9998-0.0884i
54.1	1.7279+0.8609i	-1.5614-0.0865i	4.3019+1.2442i	-0.7339+0.9020i	-1.7068-0.1790i	0.5778+0.7045i	2.9302-0.2436i
54.2	1.5551+0.8783i	-1.3854-0.1690i	3.8907+1.5752i	-0.5295+0.8149i	-1.5017-0.2627i	1.0248+0.3218i	2.5841-0.3222i
54.3	1.7637+1.0216i	-1.6015-0.3520i	4.4751+2.0197i	-0.6170+0.5722i	-1.7326-0.4737i	0.5687-0.1291i	2.6011-0.0250i
54.4	1.8808+0.7843i	-1.7326-0.1659i	4.7510+1.4951i	-0.7502+0.6063i	-1.8893-0.2678i	0.3067+0.2360i	2.7615-0.1358i
54.5	1.8364+0.5834i	-1.6867+0.0469i	4.6059+1.0554i	-0.7208+0.7538i	-1.8434-0.0332i	0.4398+0.5888i	2.7439-0.3628i
54.6	1.7648+0.5683i	-1.5832+0.0861i	4.3410+0.9917i	-0.6109+0.8071i	-1.7239+0.0102i	0.7589+0.6457i	2.6918-0.3554i
54.7	1.5736+0.4829i	-1.3590+0.1412i	3.8545+0.9372i	-0.3931+0.8637i	-1.4726+0.0758i	1.2509+0.6614i	2.4363-0.5778i
54.8	1.5886+0.7325i	-1.3471-0.1748i	3.9572+1.6975i	-0.2554+0.5124i	-1.4569-0.2884i	1.2437-0.1314i	2.1200-0.2388i
54.9	1.8213+0.6417i	-1.6070-0.1104i	4.5763+1.4553i	-0.4776+0.4516i	-1.7613-0.2180i	0.6935-0.0118i	2.3552-0.1018i
55.0	1.8749+0.4644i	-1.6509+0.0446i	4.6663+1.0036i	-0.5140+0.4875i	-1.8159-0.0375i	0.6268+0.2814i	2.4231-0.1290i
55.1	1.8375+0.3526i	-1.5731+0.1307i	4.4433+0.7952i	-0.4303+0.4878i	-1.7251+0.0581i	0.8476+0.3389i	2.3784-0.1870i
55.2	1.8982+0.3734i	-1.5986+0.0962i	4.4726+0.8233i	-0.4357+0.4176i	-1.7534+0.0271i	0.8200+0.2493i	2.4192-0.0490i
55.3	1.9112+0.3630i	-1.6087+0.0940i	4.4123+0.8348i	-0.4356+0.3855i	-1.7664+0.0334i	0.8975+0.2701i	2.4919+0.0966i
55.4	1.8350+0.2657i	-1.5479+0.1505i	4.1210+0.7670i	-0.3898+0.3684i	-1.6964+0.0994i	1.1268+0.2836i	2.4439+0.0734i
55.5	1.8342+0.3009i	-1.5216+0.0763i	4.0859+1.0511i	-0.3649+0.1942i	-1.6637+0.0069i	1.1814-0.0654i	2.4272+0.1411i
55.6	2.0800+0.3117i	-1.7050+0.0343i	4.6989+1.1164i	-0.5326+0.1041i	-1.8799-0.0397i	0.6593-0.1814i	2.6314+0.3192i
55.7	2.1107+0.0802i	-1.7161+0.2076i	4.7335+0.6466i	-0.5220+0.2026i	-1.8930+0.1678i	0.6858+0.1846i	2.7728+0.1500i
55.8	2.0650-0.0382i	-1.6825+0.2695i	4.5764+0.4867i	-0.5265+0.1864i	-1.8522+0.2474i	0.8311+0.2712i	2.8283+0.1073i
55.9	2.0415-0.1111i	-1.6651+0.2789i	4.3605+0.4936i	-0.5162+0.1019i	-1.8247+0.2659i	0.9606+0.1979i	2.9126+0.1717i
56.0	1.8991-0.0756i	-1.5176+0.2402i	3.9874+0.7971i	-0.3519-0.0020i	-1.6442+0.2233i	1.3104-0.0605i	2.7574+0.1113i

56.1	2.0729+0.0123i	-1.6416+0.1085i	4.5129+1.1156i	-0.5109-0.2238i	-1.7792+0.0684i	0.8659-0.4719i	2.8432+0.2643i
56.2	2.3098-0.2299i	-1.8783+0.2603i	5.1291+0.5777i	-0.8138-0.1298i	-2.0497+0.2421i	0.3117-0.0910i	3.2056+0.2429i
56.3	2.2876-0.4714i	-1.8865+0.4381i	5.0577+0.1787i	-0.8632-0.0238i	-2.0453+0.4455i	0.3669+0.2341i	3.3716+0.0276i
56.4	2.2859-0.5898i	-1.8868+0.4775i	4.9638+0.0722i	-0.8815-0.0737i	-2.0399+0.4929i	0.4178+0.2835i	3.4095-0.0139i
56.5	2.2242-0.6939i	-1.8605+0.5100i	4.8542-0.0225i	-0.9264-0.1069i	-2.0048+0.5265i	0.4468+0.3127i	3.4084-0.0748i
56.6	2.1107-0.7622i	-1.8081+0.5025i	4.6454-0.0699i	-0.9561-0.2066i	-1.9338+0.5028i	0.5938+0.2892i	3.2673-0.0462i
56.7	2.0916-0.8627i	-1.8186+0.5380i	4.6449-0.1255i	-1.0064-0.2437i	-1.9356+0.5350i	0.5931+0.3368i	3.3705-0.0771i
56.8	2.0291-0.9653i	-1.7779+0.6178i	4.5307-0.2493i	-1.0105-0.1917i	-1.8847+0.6242i	0.6850+0.4395i	3.4010-0.2200i
56.9	2.0013-1.0394i	-1.8084+0.6815i	4.4933-0.2612i	-1.1336-0.1670i	-1.9240+0.6916i	0.7078+0.4450i	3.5611-0.1845i
57.0	1.9079-1.0571i	-1.7798+0.6563i	4.2778-0.1974i	-1.1647-0.2198i	-1.8849+0.6569i	0.8390+0.3494i	3.5421-0.1713i
57.1	1.7004-1.0105i	-1.6557+0.5968i	3.8382+0.0425i	-1.1210-0.2973i	-1.7394+0.5859i	1.1538+0.1816i	3.3369-0.1941i
57.2	1.8866-0.7896i	-1.8671+0.3865i	4.4765+0.8121i	-1.4564-0.5408i	-1.9777+0.3256i	0.6476-0.4482i	3.5049+0.0874i
57.3	2.0133-0.9200i	-2.0124+0.5054i	4.9817+0.3787i	-1.6746-0.3972i	-2.1523+0.4437i	0.2066-0.1211i	3.6052+0.0473i
57.4	1.9959-1.1268i	-2.0478+0.6490i	4.9596-0.1815i	-1.8009-0.2737i	-2.2015+0.5978i	0.2221+0.2648i	3.7293-0.0655i
57.5	1.9198-1.2748i	-2.0166+0.7980i	4.7860-0.4170i	-1.8224-0.1206i	-2.1694+0.7710i	0.3671+0.4945i	3.7631-0.2025i
57.6	1.8404-1.3681i	-2.0167+0.8940i	4.6272-0.5214i	-1.9108+0.0064i	-2.1720+0.8802i	0.4156+0.6188i	3.7991-0.2825i
57.7	1.7551-1.4159i	-1.9628+0.9543i	4.4380-0.5848i	-1.9153+0.1234i	-2.1144+0.9350i	0.5274+0.6359i	3.7604-0.3618i
57.8	1.7793-1.4902i	-2.0265+1.0346i	4.4684-0.5601i	-2.0408+0.2275i	-2.1933+1.0271i	0.5052+0.6874i	3.9618-0.3290i
57.9	1.7047-1.5758i	-2.0007+1.1046i	4.3823-0.5985i	-2.0699+0.3089i	-2.1704+1.1105i	0.5432+0.7691i	3.9674-0.3862i
58.0	1.6363-1.6902i	-1.9456+1.2053i	4.2946-0.7241i	-2.0564+0.4511i	-2.1159+1.2245i	0.5884+0.8916i	4.0270-0.6222i
58.1	1.5880-1.7159i	-1.9430+1.2570i	4.2267-0.6694i	-2.0860+0.5459i	-2.1190+1.2836i	0.6287+0.9076i	4.0470-0.5978i
58.2	1.4752-1.8892i	-1.8970+1.4648i	4.1641-0.7210i	-2.0670+0.7694i	-2.0642+1.5147i	0.7299+1.0461i	4.1181-0.7911i
58.3	1.3476-1.9875i	-1.7923+1.5742i	4.0960-0.7334i	-1.9717+0.8869i	-1.9444+1.6336i	0.8482+1.0941i	4.1288-0.9855i
58.4	1.2515-2.0473i	-1.6881+1.6680i	4.1196-0.7058i	-1.9380+1.0087i	-1.8413+1.7409i	0.8653+1.1634i	4.2505-1.1042i
58.5	1.1453-1.9857i	-1.5805+1.6175i	4.1962-0.5184i	-1.9013+1.0498i	-1.7299+1.6823i	0.8446+1.0654i	4.2211-1.1802i
58.6	1.0543-2.0716i	-1.5390+1.6702i	4.3179-0.6931i	-1.8728+1.1787i	-1.6854+1.7436i	0.8028+1.2820i	4.1356-1.4517i
58.7	0.9098-2.0940i	-1.4804+1.7209i	4.1684-0.7942i	-1.8439+1.2593i	-1.6314+1.8030i	0.9249+1.4906i	3.9447-1.5580i
58.8	0.7498-2.0747i	-1.3507+1.7415i	4.0686-0.7627i	-1.7113+1.3555i	-1.4850+1.8422i	1.1556+1.6307i	3.8405-1.5846i
58.9	0.6859-2.0380i	-1.3073+1.7175i	4.0639-0.7083i	-1.6222+1.4112i	-1.4353+1.8222i	1.3358+1.6807i	3.8505-1.6373i
59.0	0.4997-1.9315i	-1.1686+1.6622i	3.9362-0.6327i	-1.4936+1.4280i	-1.2828+1.7698i	1.6074+1.7015i	3.5464-1.6695i
59.1	0.4102-1.8379i	-1.1166+1.6455i	3.9050-0.4974i	-1.4219+1.4275i	-1.2229+1.7550i	1.7879+1.6760i	3.3131-1.5675i
59.2	0.2998-1.7191i	-1.0163+1.5810i	3.8889-0.3532i	-1.2994+1.3857i	-1.1033+1.6943i	2.0499+1.6458i	3.0318-1.4518i
59.3	0.2657-1.6060i	-0.9801+1.5194i	3.9423-0.2748i	-1.2215+1.3680i	-1.0579+1.6373i	2.2562+1.5945i	2.9053-1.3120i
59.4	0.2118-1.4499i	-0.9266+1.4273i	3.9788-0.1936i	-1.1103+1.2774i	-0.9876+1.5401i	2.5146+1.4693i	2.6212-1.1252i
59.5	0.1751-1.2983i	-0.8866+1.3512i	4.0598-0.0610i	-1.0305+1.2200i	-0.9325+1.4601i	2.7579+1.3909i	2.4317-0.9240i
59.6	0.2832-1.1618i	-0.9251+1.2846i	4.2863+0.0002i	-0.9948+1.1676i	-0.9634+1.3855i	2.9421+1.1628i	2.4958-0.5726i
59.7	0.3476-1.0259i	-0.9352+1.2135i	4.4399+0.0415i	-0.9972+1.0691i	-0.9669+1.3063i	3.0926+0.9426i	2.4466-0.2375i
59.8	0.4991-0.8970i	-1.0404+1.1390i	4.6670+0.1279i	-1.0437+0.8870i	-1.0783+1.2143i	3.1977+0.7074i	2.4955+0.2519i
59.9	0.6833-0.8420i	-1.1554+1.0995i	4.8988+0.0727i	4.9003-0.2411i	-1.1968+1.1649i	3.2621+0.4606i	2.5136+0.3643i
60.0	0.8647-0.8045i	-1.2541+1.0498i	5.1256-0.0395i	17.7119-0.5429i	-1.2908+1.1083i	3.3123+0.1399i	2.2825+0.2475i
60.1	1.0342-0.8091i	-1.3065+1.0416i	5.2546-0.1985i	5.4037+3.6542i	-1.3540+1.0819i	3.3232-0.1196i	3.0619+0.7869i
60.2	1.2615-0.9112i	-1.4236+1.1126i	5.4432-0.4504i	-1.4783+0.7874i	-1.4913+1.1430i	3.2467-0.4152i	3.6457+1.3310i
60.3	1.4575-1.0547i	-1.5176+1.1899i	5.6617-0.7530i	-1.5448+0.7728i	-1.6003+1.2232i	3.1781-0.7078i	4.1790+1.4867i
60.4	1.6256-1.3242i	-1.6023+1.3615i	5.7936-1.1198i	-1.6561+0.8926i	-1.6952+1.4140i	2.9916-0.9345i	4.8281+1.4591i
60.5	1.6972-1.5056i	-1.6430+1.4698i	5.7277-1.3370i	-1.7746+0.9789i	-1.7495+1.5251i	2.7938-1.0810i	5.1908+1.4030i
60.6	1.7576-1.6590i	-1.6781+1.5583i	5.7736-1.4880i	-1.8955+1.0428i	-1.7980+1.6240i	2.6758-1.1635i	5.5392+1.4103i
60.7	1.8165-1.9282i	-1.6790+1.7516i	5.7731-1.7836i	-2.0231+1.2491i	-1.7997+1.8390i	2.4795-1.2762i	6.0559+1.2468i
60.8	1.7531-2.2354i	-1.5854+1.9456i	5.6232-2.1075i	-1.9952+1.4605i	-1.7131+2.0619i	2.2276-1.3052i	6.4616+0.8163i
60.9	1.5896-2.3117i	-1.4664+1.9261i	5.4284-2.0898i	-1.9310+1.5099i	-1.5806+2.0519i	2.1405-1.2222i	6.4255+0.6523i
61.0	1.4202-2.5286i	-1.3519+1.9957i	5.2269-2.3236i	-1.8374+1.6772i	-1.4469+2.1388i	1.9785-1.1954i	6.6744+0.2419i
61.1	1.2503-2.6683i	-1.2248+2.0261i	4.9737-2.4722i	-1.7327+1.7787i	-1.3070+2.1791i	1.8350-1.1867i	6.7719-0.1575i
61.2	1.0905-2.8703i	-1.1357+2.1456i	4.8200-2.6811i	-1.6889+1.9233i	-1.2136+2.3109i	1.6741-1.1826i	7.0501-0.5176i
61.3	0.9182-2.9665i	-1.0509+2.1646i	4.6332-2.7782i	-1.6159+1.9960i	-1.1165+2.3368i	1.5712-1.1233i	7.0878-0.8622i
61.4	0.7618-3.0507i	-0.9961+2.1688i	4.4700-2.8002i	-1.5611+2.0647i	-1.0552+2.3535i	1.4639-1.0855i	7.1438-1.1325i
61.5	0.6712-3.1483i	-0.9435+2.2210i	4.4317-2.8447i	-1.5075+2.2122i	-0.9950+2.4220i	1.4187-1.0940i	7.3626-1.2783i
61.6	0.5595-3.1991i	-0.8833+2.2665i	4.3252-2.8881i	-1.4493+2.2856i	-0.9257+2.4724i	1.3814-1.0732i	7.4481-1.4836i
61.7	0.4155-3.1824i	-0.8299+2.2213i	4.1930-2.8571i	-1.3640+2.2959i	-0.8571+2.4248i	1.3642-1.0247i	7.3969-1.6369i
61.8	0.3193-3.2190i	-0.7663+2.1905i	4.1136-2.8361i	-1.2896+2.3581i	-0.7879+2.4049i	1.3305-0.9943i	7.5030-1.7709i
61.9	0.0991-3.2038i	-0.6426+2.1675i	3.9015-2.7976i	-1.1451+2.3601i	-0.6488+2.3848i	1.2556-0.8956i	7.3670-2.0767i
62.0	-0.0590-3.1803i	-0.5691+2.1443i	3.7785-2.7605i	-1.0585+2.3877i	-0.5604+2.3605i	1.2361-0.8315i	7.2631-2.3563i
62.1	-0.1964-3.1781i	-0.5084+2.1214i	3.6714-2.7285i	-0.9799+2.4397i	-0.4826+2.3411i	1.2151-0.7968i	7.2250-2.5808i
62.2	-0.3368-3.1772i	-0.4432+2.1030i	3.5859-2.7320i	-0.8882+2.4536i	-0.4007+2.3278i	1.1841-0.8045i	7.2096-2.7713i
62.3	-0.4278-3.1928i	-0.4179+2.1031i	3.5276-2.7008i	-0.8251+2.4701i	-0.3727+2.3366i	1.1206-0.8318i	7.2677-2.8607i

62.4	-0.5047-3.1197i	-0.4107+2.0314i	3.5264-2.6168i	-0.7752+2.4729i	-0.3572+2.2654i	1.1526-0.8145i	7.2453-2.8604i
62.5	-0.6914-3.0565i	-0.2836+1.9704i	3.3763-2.6112i	-0.6146+2.4396i	-0.1991+2.1909i	1.1535-0.7705i	7.0551-3.1476i
62.6	-0.7721-2.9848i	-0.2833+1.9024i	3.3297-2.5472i	-0.5742+2.3960i	-0.1872+2.1189i	1.1260-0.7563i	7.0024-3.1691i
62.7	-0.8621-2.9062i	-0.2616+1.8210i	3.2139-2.4601i	-0.5136+2.3419i	-0.1588+2.0306i	1.0744-0.7317i	6.8727-3.2474i
62.8	-0.9150-2.8737i	-0.2339+1.7847i	3.2566-2.4062i	-0.4616+2.3792i	-0.1144+2.0036i	1.0632-0.7164i	6.9118-3.2815i
62.9	-0.9509-2.8523i	-0.2577+1.7260i	3.3346-2.3702i	-0.4788+2.4013i	-0.1348+1.9459i	1.0029-0.7395i	7.0718-3.3106i
63.0	-1.0684-2.7997i	-0.2562+1.6615i	3.2806-2.4257i	-0.3706+2.3763i	-0.1188+1.8675i	0.9801-0.7381i	7.0680-3.6346i
63.1	-1.1073-2.7340i	-0.2675+1.5878i	3.2775-2.2918i	-0.3456+2.3675i	-0.1214+1.7977i	0.9644-0.7052i	7.0153-3.6090i
63.2	-1.1482-2.6680i	-0.2737+1.5064i	3.2408-2.1834i	-0.3190+2.3335i	-0.1223+1.7136i	0.9246-0.6720i	6.9043-3.5943i
63.3	-1.1662-2.6279i	-0.3522+1.4415i	3.3491-2.1461i	-0.2679+2.3481i	-0.1796+1.6528i	0.9368-0.6505i	7.0550-3.5882i
63.4	-1.2710-2.5249i	-0.3701+1.3774i	3.2906-2.1238i	-0.1493+2.2916i	-0.1797+1.5747i	0.8813-0.6160i	6.9001-3.7284i
63.5	-1.3666-2.4495i	-0.4025+1.3299i	3.2082-2.1345i	-0.0565+2.2334i	-0.1997+1.5167i	0.7709-0.5933i	6.8033-3.9243i
63.6	-1.4290-2.4176i	-0.4354+1.3069i	3.1802-2.2154i	0.0057+2.2155i	-0.2186+1.4789i	0.7303-0.5945i	6.8156-4.1380i
63.7	-1.4120-2.3764i	-0.5538+1.2906i	3.2732-2.1228i	-0.0154+2.2221i	-0.3262+1.4646i	0.7012-0.5335i	6.9188-4.0873i
63.8	-1.4271-2.2815i	-0.6300+1.2732i	3.2554-2.0435i	0.0031+2.1645i	-0.3972+1.4399i	0.6615-0.4155i	6.8743-4.1486i
63.9	-1.4538-2.2000i	-0.6979+1.2644i	3.2497-2.0514i	0.0485+2.1075i	-0.4585+1.4237i	0.6259-0.3551i	6.8738-4.2356i
64.0	-1.4158-2.1437i	-0.8053+1.2861i	3.3220-1.9912i	0.0268+2.0821i	-0.5582+1.4365i	0.6450-0.2814i	6.9200-4.1934i
64.1	-1.4107-2.1147i	-0.9110+1.2979i	3.4564-1.9875i	0.0339+2.0864i	-0.6511+1.4441i	0.6439-0.2198i	7.1319-4.2700i
64.2	-1.3992-2.0539i	-0.9117+1.2666i	3.4039-1.9490i	0.0364+2.0195i	-0.6541+1.4006i	0.6216-0.1631i	7.0022-4.3325i
64.3	-1.4111-2.0183i	-0.9215+1.2790i	3.3930-1.9398i	0.0402+2.0076i	-0.6587+1.4081i	0.6104-0.0783i	6.8961-4.4429i
64.4	-1.4588-2.0285i	-0.9522+1.3195i	3.4051-1.9700i	0.0830+2.0215i	-0.6788+1.4470i	0.6162+0.0251i	6.9034-4.7063i
64.5	-1.4234-2.0275i	-1.0834+1.3325i	3.4718-1.9505i	0.0984+2.0473i	-0.7965+1.4633i	0.6297+0.1528i	7.0357-4.7084i
64.6	-1.4405-1.9949i	-1.1885+1.3190i	3.4502-1.9366i	0.1133+2.0211i	-0.8941+1.4460i	0.6131+0.2234i	7.0341-4.7684i
64.7	-1.4232-1.9842i	-1.2963+1.3303i	3.5250-1.8389i	0.1021+2.0215i	-0.9929+1.4622i	0.6769+0.2996i	7.0996-4.7058i
64.8	-1.4704-1.9394i	-1.3559+1.3419i	3.4423-1.8274i	0.1459+1.9752i	-1.0393+1.4586i	0.6693+0.4063i	6.9919-4.8856i
64.9	-1.5202-1.9330i	-1.4473+1.3739i	3.4191-1.8673i	0.1995+1.9481i	-1.1149+1.4738i	0.6422+0.4856i	7.0235-5.0883i
65.0	-1.5335-1.9441i	-1.5679+1.4113i	3.5262-1.8126i	0.2034+1.9529i	-1.2138+1.5182i	0.7007+0.5590i	7.1683-5.0604i
65.1	-1.5356-1.9252i	-1.7337+1.4912i	3.5475-1.7263i	0.1948+1.9083i	-1.3689+1.5955i	0.7111+0.6672i	7.2688-5.0870i
65.2	-1.6082-1.9132i	-1.8260+1.6458i	3.6082-1.8804i	0.2558+1.8845i	-1.4405+1.7214i	0.7767+0.7181i	7.4176-5.4459i
65.3	-1.6476-1.9194i	-1.9286+1.8085i	3.7723-1.9140i	0.2665+1.8770i	-1.5147+1.8658i	0.8947+0.8048i	7.6604-5.6150i
65.4	-1.6891-1.8578i	-1.9924+1.8522i	3.7771-1.8818i	0.2745+1.8203i	-1.5654+1.8912i	0.9819+0.9045i	7.5916-5.7931i
65.5	-1.6545-1.7926i	-2.1120+1.9222i	3.8405-1.7613i	0.2039+1.7855i	-1.6892+1.9496i	1.0640+1.0097i	7.5107-5.8025i
65.6	-1.6813-1.7891i	-2.2972+2.0835i	3.9887-1.8483i	0.2013+1.7742i	-1.8547+2.0869i	1.1627+1.0457i	7.7078-6.1387i
65.7	-1.6797-1.8005i	-2.5700+2.3576i	4.2053-1.8237i	0.1810+1.8212i	-2.0857+2.3471i	1.2921+1.1896i	8.0004-6.3114i
65.8	-1.6756-1.7300i	-2.5954+2.5542i	4.0778-1.8413i	0.1484+1.7665i	-2.1277+2.5140i	1.2931+1.2469i	7.6997-6.5362i
65.9	-1.6938-1.7410i	-2.6445+2.7820i	4.2460-1.9143i	0.1383+1.7881i	-2.1698+2.7234i	1.4279+1.2714i	7.8210-6.7133i
66.0	-1.7016-1.7274i	-2.7097+3.1497i	4.4120-2.0156i	0.0993+1.8235i	-2.2265+3.0573i	1.5971+1.3080i	7.8463-6.9897i
66.1	-1.7249-1.7076i	-2.6685+3.5460i	4.4920-2.2028i	0.1036+1.8527i	-2.1730+3.4110i	1.7459+1.3300i	7.8475-7.4192i
66.2	-1.7349-1.6811i	-2.5699+3.7872i	4.4911-2.2600i	0.0895+1.8464i	-2.0840+3.6316i	1.8380+1.3784i	7.7072-7.6047i
66.3	-1.7578-1.6742i	-2.5787+4.0841i	4.6041-2.2475i	0.0618+1.9066i	-2.0852+3.9125i	1.9868+1.5147i	7.7252-7.7814i
66.4	-1.7783-1.6289i	-2.4679+4.4111i	4.6363-2.3138i	0.0417+1.9614i	-1.9790+4.2075i	2.1373+1.5663i	7.6100-8.0434i
66.5	-1.7806-1.6144i	-2.2443+4.6518i	4.7021-2.4469i	0.0722+1.9927i	-1.7678+4.4185i	2.3202+1.5141i	7.5053-8.3503i
66.6	-1.7900-1.6574i	-2.0612+4.9784i	4.8496-2.6928i	0.0910+2.0755i	-1.5873+4.7152i	2.5127+1.4616i	7.6566-8.8037i
66.7	-1.7974-1.6625i	-1.8896+5.2302i	4.8556-2.7802i	0.0862+2.1533i	-1.4155+4.9467i	2.5964+1.4570i	7.5030-9.0419i
66.8	-1.7717-1.6214i	-1.6604+5.3678i	4.8114-2.7153i	0.0787+2.2005i	-1.2112+5.0711i	2.7225+1.5003i	7.1856-9.0533i
66.9	-1.7708-1.5974i	-1.3515+5.4659i	4.7166-2.8294i	0.1548+2.2102i	-0.9243+5.1427i	2.7947+1.3911i	6.8630-9.2300i
67.0	-1.7885-1.6299i	-1.0905+5.7064i	4.8535-2.9018i	0.2024+2.3262i	-0.6697+5.3733i	3.0047+1.4343i	6.8154-9.5312i
67.1	-1.7851-1.6222i	-0.7929+5.8156i	4.8548-3.0295i	0.2987+2.3682i	-0.3806+5.4617i	3.1472+1.3621i	6.5788-9.7675i
67.2	-1.8231-1.6388i	-0.5187+5.9418i	4.7720-3.1114i	0.3572+2.3935i	-0.1293+5.5655i	3.1819+1.3656i	6.3336-10.0514i
67.3	-1.8398-1.6605i	-0.1808+6.0242i	4.7817-3.2612i	0.4226+2.4374i	0.1832+5.6334i	3.2802+1.2813i	6.0751-10.2550i
67.4	-1.8463-1.6913i	0.0234+6.0746i	4.9046-3.3055i	0.4976+2.4601i	0.3793+5.6742i	3.4326+1.2851i	6.0369-10.3683i
67.5	-1.8789-1.6979i	0.3391+6.0912i	4.8926-3.3276i	0.6186+2.4494i	0.6752+5.6792i	3.5717+1.2946i	5.7735-10.4872i
67.6	-1.9127-1.7050i	0.6319+6.0674i	4.8669-3.4384i	0.7223+2.4444i	0.9573+5.6406i	3.6719+1.1922i	5.4590-10.5334i
67.7	-1.9581-1.7271i	0.9257+6.0399i	4.8645-3.6009i	0.7983+2.4428i	1.2208+5.5969i	3.7684+1.0964i	5.1075-10.7436i
67.8	-1.9946-1.7129i	1.1516+5.9371i	4.8234-3.6679i	0.8721+2.3877i	1.4217+5.4997i	3.8535+1.1080i	4.8329-10.8014i
67.9	-2.0349-1.7302i	1.3382+5.9053i	4.8354-3.6999i	0.9103+2.3496i	1.5908+5.4611i	3.9761+1.1454i	4.6522-10.8920i
68.0	-2.0727-1.7400i	1.5330+5.8587i	4.8183-3.7344i	0.9512+2.3431i	1.7700+5.4251i	4.0615+1.2089i	4.4729-10.9054i
68.1	-2.1076-1.7506i	1.7205+5.7366i	4.7042-3.8989i	1.0231+2.3062i	1.9447+5.2968i	4.1074+1.0592i	4.1411-10.9501i
68.2	-2.1751-1.7474i	1.9266+5.6140i	4.6242-4.0399i	1.0615+2.2568i	2.1178+5.1717i	4.2552+0.9954i	3.7918-11.0373i
68.3	-2.2194-1.7393i	2.1250+5.5859i	4.7232-4.1624i	1.0842+2.2212i	2.3148+5.1417i	4.5570+0.9393i	3.5902-11.0421i
68.4	-2.2903-1.7689i	2.2305+5.6089i	4.7413-4.3468i	1.0799+2.2069i	2.4109+5.1555i	4.6211+0.8384i	3.4892-11.1318i
68.5	-2.3466-1.8055i	2.3312+5.5445i	4.7115-4.2624i	1.0919+2.1834i	2.5026+5.1008i	4.8127+0.9497i	3.3069-11.0195i
68.6	-2.3962-1.8069i	2.5092+5.4506i	4.6331-4.3607i	1.1269+2.1615i	2.6633+5.0077i	4.9986+0.8210i	3.0656-10.9516i

68.7	−2.4525−1.7837i	2.6927+5.3719i	4.5620−4.4245i	1.1475+2.1630i	2.8283+4.9369i	5.1800+0.7505i	2.8513−10.9586i
68.8	−2.5159−1.7541i	2.8780+5.3108i	4.5069−4.4095i	1.1981+2.1460i	3.0059+4.8927i	5.3292+0.7373i	2.6125−10.8891i
68.9	−2.5962−1.8289i	3.0106+5.2949i	4.6978−4.3405i	1.1990+2.1312i	3.1480+4.8815i	5.6773+0.7714i	2.6173−10.8136i
69.0	−2.6967−1.7941i	3.2034+5.1646i	4.6259−4.3810i	1.2339+2.1220i	3.3322+4.7602i	5.8587+0.6669i	2.3791−10.7561i
69.1	−2.8166−1.7221i	3.3707+5.0461i	4.5349−4.5904i	1.2586+2.1453i	3.4909+4.6365i	5.9871+0.3912i	2.1451−10.7645i
69.2	−2.8936−1.7130i	3.5415+4.9657i	4.5959−4.5526i	1.3155+2.1438i	3.6570+4.5617i	6.2951+0.3979i	2.0161−10.7995i
69.3	−2.9268−1.6411i	3.6527+4.7946i	4.6284−4.4815i	1.3363+2.1279i	3.7644+4.4091i	6.5533+0.2999i	1.8549−10.7026i
69.4	−3.0406−1.5525i	3.7948+4.6835i	4.7723−4.7199i	1.3834+2.1398i	3.9158+4.2893i	6.9616−0.0542i	1.6649−10.7966i
69.5	−3.0501−1.5209i	3.8550+4.5663i	4.8134−4.8676i	1.4205+2.1215i	3.9758+4.1635i	7.1657−0.3543i	1.5059−10.7647i
69.6	−3.1368−1.5164i	3.9438+4.5641i	4.8966−4.9378i	1.4156+2.1672i	4.0504+4.1641i	7.3851−0.5149i	1.3604−10.8272i
69.7	−3.1154−1.4878i	3.9598+4.4219i	4.6987−4.8615i	1.4447+2.1086i	4.0487+4.0423i	7.1999−0.6553i	1.2118−10.5669i
69.8	−3.1701−1.4329i	4.0421+4.3749i	4.7414−5.0651i	1.4790+2.1421i	4.1294+3.9909i	7.3934−0.9943i	1.0590−10.5241i
69.9	−3.2600−1.3922i	4.1821+4.3587i	4.7988−5.3485i	1.5306+2.2392i	4.2631+3.9792i	7.6641−1.4755i	0.8573−10.4886i
70.0	−3.3752−1.4258i	4.3591+4.4108i	5.0376−5.4232i	1.5735+2.2999i	4.4535+4.0420i	8.0710−1.6608i	0.7849−10.4398i
70.1	−3.4399−1.5430i	4.3953+4.4753i	5.2292−5.1788i	1.5904+2.3184i	4.5012+4.1390i	8.3177−1.5142i	0.8241−10.2772i
70.2	−3.5494−1.5247i	4.6277+4.3742i	5.1524−5.3197i	1.7434+2.3102i	4.7450+4.0492i	8.3736−1.9029i	0.6080−10.1666i
70.3	−3.6923−1.5040i	4.8924+4.3803i	5.2111−5.4677i	1.8765+2.3801i	5.0251+4.0749i	8.6007−2.1998i	0.5038−10.1207i
70.4	−3.8292−1.4105i	5.2315+4.2973i	5.1040−5.9720i	2.0829+2.4312i	5.3662+3.9769i	8.6056−2.9729i	0.3579−10.1175i
70.5	−4.0122−1.3264i	5.5445+4.1988i	5.1494−6.3531i	2.2548+2.4737i	5.6886+3.8592i	8.7284−3.5480i	0.3088−10.0821i
70.6	−4.1536−1.2182i	5.7422+3.9847i	5.2544−6.3817i	2.3948+2.4088i	5.9130+3.6596i	8.8810−3.8403i	0.2763−9.9379i
70.7	−4.3218−1.0564i	6.0247+3.6521i	5.1711−6.5578i	2.6186+2.2524i	6.2364+3.3211i	8.9138−4.2260i	0.1279−9.8336i
70.8	−4.5056−0.9129i	6.2886+3.4161i	5.3272−6.8289i	2.8007+2.1683i	6.5272+3.0673i	9.1683−4.7321i	0.0778−9.7757i
70.9	−4.6040−0.7711i	6.4507+3.1962i	5.4520−7.0698i	2.9219+2.0733i	6.7092+2.8326i	9.3557−5.1826i	0.1431−9.7682i
71.0	−4.6045−0.5646i	6.5035+2.8425i	5.2632−7.3310i	3.0032+1.8749i	6.7545+2.4501i	9.1606−5.7383i	0.0787−9.7215i
71.1	−4.5519−0.3678i	6.4895+2.4407i	4.8887−7.6841i	3.0379+1.6276i	6.7216+2.0152i	8.7750−6.4721i	−0.0251−9.6211i
71.2	−4.5740−0.2715i	6.5238+2.2525i	4.9214−7.7635i	3.0725+1.5164i	6.7696+1.8339i	8.7641−6.7740i	−0.0622−9.6260i
71.3	−4.6974−0.0807i	6.6378+1.9391i	5.1459−8.3804i	3.1439+1.3637i	6.9332+1.4761i	8.9642−7.8223i	−0.1629−9.6431i
71.4	−4.8341−0.0355i	6.7240+1.8029i	5.2083−8.4136i	3.1488+1.2668i	7.0457+1.3465i	8.9360−8.0668i	−0.2631−9.7067i
71.5	−4.8599+0.1252i	6.7688+1.4906i	4.9701−8.7194i	3.1855+1.1023i	7.0992+1.0145i	8.5573−8.6830i	−0.3856−9.6719i
71.6	−4.9092+0.2648i	6.7301+1.1386i	4.6676−8.8024i	3.1587+0.8882i	7.0686+0.6573i	7.9893−9.0907i	−0.5261−9.5382i
71.7	−4.9979+0.5183i	6.7401+0.8671i	4.7480−9.2973i	3.1409+0.7932i	7.1194+0.3318i	7.8927−9.8058i	−0.5806−9.4839i
71.8	−5.0754+0.7925i	6.7845+0.5968i	4.8564−10.0167i	3.1457+0.7121i	7.2064−0.0107i	7.8709−10.6606i	−0.7072−9.4437i
71.9	−5.0787+1.1070i	6.7203+0.1947i	4.4578−10.5051i	3.1179+0.5577i	7.1504−0.4675i	7.1596−11.3344i	−0.8251−9.3801i
72.0	−5.0906+1.2573i	6.6614+0.0046i	4.1930−10.6660i	3.0814+0.4666i	7.0828−0.6860i	6.7273−11.5262i	−0.8413−9.3749i
72.1	−4.8939+1.4914i	6.3843−0.3044i	3.4576−10.9426i	2.9876+0.3209i	6.7703−1.0610i	5.6314−11.9153i	−0.9525−9.2039i
72.2	−4.8139+1.8299i	6.2486−0.6215i	2.9949−11.5734i	2.9278+0.1963i	6.6156−1.4780i	4.8723−12.6151i	−1.0356−9.0751i
72.3	−4.7720+2.0874i	6.1027−0.8173i	2.8234−12.0656i	2.8607+0.1345i	6.4763−1.7611i	4.5390−13.1570i	−1.1247−9.0430i
72.4	−4.6883+2.3481i	5.9562−0.9037i	2.5040−12.8445i	2.7725+0.1557i	6.3078−1.9641i	4.0249−13.9918i	−1.2101−8.9463i
72.5	−4.5103+2.6009i	5.8196−1.0950i	1.8033−13.3273i	2.7463+0.1150i	6.1148−2.2422i	3.1463−14.4193i	−1.3199−8.7235i
72.6	−4.4334+2.7327i	5.7448−1.2209i	1.5545−13.2109i	2.7603+0.0584i	6.0198−2.3791i	2.7945−14.2234i	−1.3472−8.6614i
72.7	−4.2379+2.9385i	5.5412−1.4280i	1.0240−13.3002i	2.7018−0.0327i	5.7729−2.6388i	2.1674−14.2538i	−1.4180−8.5253i
72.8	−4.0193+3.0937i	5.4365−1.5367i	0.1847−13.4398i	2.7051−0.0658i	5.5772−2.7894i	1.2091−14.3369i	−1.4586−8.4377i
72.9	−3.7705+3.1750i	5.2778−1.5966i	−0.7028−13.3305i	2.6738−0.0769i	5.3103−2.8619i	0.1895−14.1773i	−1.3299−8.3756i
73.0	−3.5311+3.3889i	5.1832−1.7310i	−1.6247−13.9582i	2.6872−0.1166i	5.1094−3.1154i	−0.8818−14.9002i	−1.2298−8.2351i
73.1	−3.3942+3.3527i	5.0697−1.7089i	−2.0183−13.6219i	2.6730−0.1325i	4.9457−3.0808i	−1.3272−14.5606i	−1.1666−8.1373i
73.2	−3.1178+3.3003i	4.8861−1.6947i	−3.0248−13.2750i	2.6131−0.1481i	4.6173−3.0585i	−2.5132−14.1065i	−0.9968−8.0113i
73.3	−2.8109+3.4144i	4.7725−1.8167i	−4.0123−13.4385i	2.6244−0.1997i	4.3805−3.2303i	−3.6490−14.2660i	−0.8901−7.9163i
73.4	−2.6653+3.4512i	4.6277−1.8825i	−4.2474−13.2086i	2.5771−0.2454i	4.1955−3.2975i	−3.9612−14.0735i	−0.8778−7.8327i
73.5	−2.4835+3.4140i	4.5063−1.9638i	−4.8453−12.7567i	2.5616−0.3245i	3.9898−3.3476i	−4.6868−13.6348i	−0.8929−7.8529i
73.6	−2.2593+3.3592i	4.3829−2.0308i	−5.6781−12.2517i	2.5368−0.3738i	3.7538−3.3664i	−5.6527−13.0530i	−0.7592−7.8602i
73.7	−2.1484+3.3624i	4.3217−2.1174i	−6.0117−11.9791i	2.5522−0.4481i	3.6510−3.4440i	−6.0575−12.7762i	−0.7862−7.8531i
73.8	−1.9979+3.3038i	4.1947−2.1483i	−6.4242−11.5572i	2.5139−0.5072i	3.4468−3.4458i	−6.6119−12.2638i	−0.7360−7.7173i
73.9	−1.8566+3.2941i	4.0986−2.2149i	−6.9246−11.4033i	2.4897−0.5577i	3.2680−3.5193i	−7.2181−12.0777i	−0.6508−7.6569i
74.0	−1.7732+3.2104i	4.0054−2.2549i	−7.2227−10.7495i	2.4790−0.6253i	3.1206−3.5104i	−7.5295−11.3286i	−0.6065−7.7143i
74.1	−1.6727+3.1309i	3.9040−2.2335i	−7.4430−10.1549i	2.4547−0.6294i	2.9663−3.4186i	−7.7819−10.6074i	−0.4810−7.7019i
74.2	−1.5925+3.1046i	3.8321−2.2843i	−7.7952−9.7380i	2.4180−0.6984i	2.8166−3.4252i	−8.2377−10.1183i	−0.3339−7.7045i
74.3	−1.5652+3.0450i	3.8427−2.3360i	−8.0674−9.1715i	2.4781−0.7810i	2.7827−3.4095i	−8.5345−9.4754i	−0.2513−7.9680i
74.4	−1.4698+3.0100i	3.7449−2.3847i	−8.4361−8.6726i	2.4422−0.8311i	2.6056−3.4024i	−8.9335−8.9276i	−0.1531−8.0643i
74.5	−1.4272+2.9519i	3.6661−2.3672i	−8.4823−8.2928i	2.3775−0.8484i	2.5003−3.3394i	−8.9753−8.5213i	0.0056−8.0833i
74.6	−1.2933+2.9505i	3.5396−2.4513i	−8.7590−7.8827i	2.3274−0.9463i	2.3118−3.3797i	−9.2795−8.0939i	−0.0852−8.0935i
74.7	−1.2502+2.8987i	3.5490−2.4514i	−9.1320−7.4762i	2.3536−0.9819i	2.2479−3.3218i	−9.7495−7.6378i	0.1064−8.2931i
74.8	−1.2621+2.8447i	3.5668−2.4855i	−9.1794−6.9657i	2.3754−1.0230i	2.2532−3.2779i	−9.8161−7.0851i	0.2769−8.5504i
74.9	−1.2086+2.8257i	3.4128−2.5430i	−8.9666−6.3775i	2.2920−1.0767i	2.1085−3.2554i	−9.5607−6.4676i	0.1154−8.6820i

75.0	-1.1496+2.8282i	3.3888-2.6262i	-9.1101-5.9463i	2.2864-1.1715i	2.0506-3.2746i	-9.8227-6.0146i	0.1838-8.9158i
75.1	-1.0440+2.8119i	3.2425-2.6855i	-9.1632-5.5187i	2.2067-1.2403i	1.8847-3.2729i	-9.9257-5.5912i	0.1338-8.9907i
75.2	-0.9939+2.6855i	3.2208-2.6296i	-9.3303-5.0405i	2.1979-1.2227i	1.8169-3.1310i	-10.1284-5.0717i	0.3943-9.2135i
75.3	-0.9155+2.7188i	3.1111-2.7138i	-9.5313-4.7696i	2.0911-1.2927i	1.6484-3.1763i	-10.4436-4.7660i	0.2990-9.2822i
75.4	-0.9277+2.7405i	3.1233-2.7969i	-9.5333-4.4926i	2.0931-1.3758i	1.6438-3.2220i	-10.5839-4.4842i	0.2525-9.5613i
75.5	-0.8466+2.7148i	3.0374-2.8687i	-9.4345-3.9330i	2.0604-1.4408i	1.5718-3.1991i	-10.5302-3.8368i	0.1632-9.7442i
75.6	-0.7859+2.7090i	2.8888-2.9579i	-9.3487-3.3837i	1.9586-1.5150i	1.4314-3.2108i	-10.4672-3.1747i	-0.1346-9.8925i
75.7	-0.7051+2.6310i	2.7537-2.9686i	-9.1922-2.8196i	1.8729-1.5355i	1.2997-3.1204i	-10.3575-2.5342i	-0.2182-9.9745i
75.8	-0.6501+2.6143i	2.7165-2.9903i	-9.1524-2.5317i	1.8661-1.5490i	1.2551-3.0876i	-10.4248-2.1786i	-0.2483-10.1466i
75.9	-0.5862+2.6769i	2.6058-3.0558i	-9.0183-2.3461i	1.7970-1.5794i	1.1537-3.1210i	-10.3147-1.8867i	-0.4177-10.2968i
76.0	-0.5193+2.6133i	2.4942-3.0967i	-9.0577-1.8016i	1.7082-1.6589i	1.0290-3.0760i	-10.4412-1.2171i	-0.4725-10.4189i
76.1	-0.4701+2.5397i	2.3555-3.0812i	-8.8350-1.3542i	1.5882-1.6628i	0.9135-2.9819i	-10.2275-0.6959i	-0.5840-10.4449i
76.2	-0.3807+2.5570i	2.2693-3.1837i	-8.7679-1.0504i	1.5598-1.7428i	0.8360-3.0324i	-10.1714-0.3138i	-0.7799-10.7115i
76.3	-0.3375+2.5050i	2.2063-3.2159i	-8.6743-0.6060i	1.5263-1.7709i	0.7823-2.9720i	-10.0796+0.2774i	-0.9451-11.0276i
76.4	-0.2808+2.3963i	2.0375-3.1744i	-8.3770-0.2701i	1.3916-1.7600i	0.6550-2.8701i	-9.8296+0.7036i	-1.1836-10.9284i
76.5	-0.1586+2.3949i	1.8780-3.2084i	-8.1893-0.0910i	1.3284-1.7840i	0.5272-2.8667i	-9.6183+1.0604i	-1.3936-11.1010i
76.6	-0.1029+2.3024i	1.7864-3.1993i	-8.1359+0.3513i	1.2828-1.8040i	0.4290-2.7757i	-9.5619+1.6059i	-1.5209-11.3571i
76.7	-0.0609+2.1813i	1.6630-3.1427i	-7.8755+0.8766i	1.1823-1.7955i	0.3528-2.6222i	-9.2178+2.2439i	-1.8430-11.4814i
76.8	-0.0411+2.0954i	1.5710-3.0757i	-7.5634+1.0596i	1.1085-1.7628i	0.3154-2.5165i	-8.8991+2.4682i	-2.0458-11.4329i
76.9	-0.0785+2.0002i	1.4977-3.0593i	-7.1953+1.3970i	1.0369-1.7912i	0.3126-2.4405i	-8.5259+2.9324i	-2.2866-11.6187i
77.0	-0.0842+1.9567i	1.4041-3.0111i	-6.6751+1.5546i	0.9705-1.7536i	0.2986-2.3482i	-7.9378+3.1851i	-2.6712-11.6452i
77.1	-0.1066+1.8615i	1.3838-2.9405i	-6.4533+1.7459i	0.9677-1.7157i	0.3237-2.2255i	-7.7074+3.5091i	-2.8561-11.6966i
77.2	-0.2018+1.8058i	1.3612-2.9207i	-5.9684+2.0164i	0.9432-1.7071i	0.3961-2.1537i	-7.1773+3.9075i	-3.2107-11.7689i
77.3	-0.2508+1.7591i	1.3243-2.8981i	-5.7469+2.1581i	0.8884-1.7109i	0.4029-2.1001i	-6.8577+4.1721i	-3.5840-11.6400i
77.4	-0.3002+1.7202i	1.3081-2.9032i	-5.4184+2.3442i	0.8811-1.7298i	0.4488-2.0589i	-6.3864+4.5336i	-3.9165-11.6902i
77.5	-0.3423+1.7253i	1.3202-2.9388i	-5.2028+2.4904i	0.9135-1.7769i	0.5104-2.0593i	-6.1097+4.8212i	-4.1039-11.9702i
77.6	-0.3632+1.7408i	1.3024-3.0074i	-4.9664+2.5496i	0.9224-1.8530i	0.5501-2.1031i	-5.7826+4.9551i	-4.3271-12.1073i
77.7	-0.4116+1.7015i	1.2544-3.0073i	-4.5659+2.6542i	0.8797-1.8817i	0.5761-2.0757i	-5.2688+5.0846i	-4.5809-12.0267i
77.8	-0.4722+1.7956i	1.2068-3.0706i	-4.2348+2.6335i	0.8055-1.9231i	0.5990-2.1553i	-4.8207+5.1304i	-4.9705-12.0065i
77.9	-0.5536+1.8310i	1.1328-3.1343i	-3.8003+2.8260i	0.7055-2.0002i	0.6345-2.1810i	-4.1917+5.4279i	-5.6210-11.9791i
78.0	-0.6020+1.7805i	1.0766-3.1091i	-3.5934+2.8286i	0.6366-2.0178i	0.6301-2.1592i	-3.8616+5.4495i	-5.9508-11.8554i
78.1	-0.6109+1.8088i	1.0242-3.1112i	-3.2732+2.7042i	0.6052-2.0248i	0.6521-2.1866i	-3.4357+5.2939i	-6.0311-11.7362i
78.2	-0.6108+1.9088i	0.9084-3.1446i	-2.8614+2.5621i	0.4942-2.0414i	0.6309-2.2726i	-2.8370+5.1035i	-6.3694-11.3428i
78.3	-0.6631+1.9497i	0.8196-3.1179i	-2.5629+2.4425i	0.3671-2.0305i	0.6214-2.2825i	-2.3609+4.9514i	-6.6366-11.1413i
78.4	-0.6622+2.0335i	0.7605-3.1489i	-2.3646+2.3685i	0.3109-2.0392i	0.6140-2.3373i	-2.1001+4.8715i	-6.8536-11.1086i
78.5	-0.5964+2.1335i	0.6111-3.1677i	-2.0173+2.1822i	0.1780-2.0332i	0.5472-2.4160i	-1.6126+4.6040i	-7.2669-10.6926i
78.6	-0.4883+2.2108i	0.4559-3.1695i	-1.8807+1.9690i	0.0547-2.0236i	0.4129-2.4759i	-1.3670+4.3348i	-7.5429-10.3350i
78.7	-0.4520+2.2914i	0.3811-3.1323i	-1.6386+1.8283i	-0.0073-1.9546i	0.3765-2.5028i	-1.0545+4.1228i	-7.7358-10.0555i
78.8	-0.3755+2.3771i	0.2712-3.1568i	-1.4343+1.6957i	-0.0694-1.9507i	0.3113-2.5657i	-0.7400+3.9946i	-8.1678-9.9701i
78.9	-0.2117+2.4187i	0.1365-3.1545i	-1.4679+1.2003i	-0.1691-1.9690i	0.1320-2.6788i	-0.7435+3.4241i	-8.3916-9.7424i
79.0	-0.0261+2.3620i	0.0216-3.1347i	-1.9294+0.6577i	-0.2835-2.0052i	-0.1234-2.7246i	-1.2354+2.8750i	-8.5543-9.5496i
79.1	-0.0036+2.1827i	-0.0764-2.9750i	-2.5931+0.7880i	-0.4641-1.8420i	-0.3257-2.4687i	-1.8934+3.0284i	-8.5662-9.0033i
79.2	-0.1285+2.1542i	-0.1071-2.8959i	-2.5547+1.4283i	-0.5571-1.6932i	-0.2621-2.2746i	-1.6982+3.6714i	-8.7602-8.6366i
79.3	-0.0716+2.2207i	-0.1949-2.8163i	-2.1056+1.5250i	-0.5731-1.5656i	-0.2573-2.2528i	-1.1379+3.6149i	-8.9457-8.1195i
79.4	0.0084+2.2288i	-0.2695-2.7380i	-1.9416+1.5567i	-0.5752-1.4556i	-0.2976-2.2026i	-0.9293+3.5818i	-8.8368-7.7296i
79.5	0.0051+2.3195i	-0.2446-2.7711i	-1.8115+1.5379i	-0.5203-1.4385i	-0.2368-2.2681i	-0.7008+3.5848i	-8.9590-7.7182i
79.6	0.0927+2.2934i	-0.3412-2.6582i	-1.7569+1.5597i	-0.5822-1.3254i	-0.3229-2.1688i	-0.5873+3.4703i	-8.9539-7.2216i
79.7	0.2146+2.2787i	-0.4455-2.5609i	-1.5867+1.5347i	-0.6146-1.2284i	-0.4127-2.1114i	-0.3619+3.2984i	-8.9465-6.7306i
79.8	0.2610+2.3062i	-0.4898-2.5719i	-1.5682+1.6057i	-0.6297-1.2176i	-0.4432-2.1331i	-0.2496+3.3414i	-9.1847-6.5309i
79.9	0.3966+2.3009i	-0.5474-2.5368i	-1.4500+1.5275i	-0.6036-1.1909i	-0.5015-2.1292i	-0.1072+3.1597i	-9.0569-6.3033i
80.0	0.4159+2.3053i	-0.5525-2.4890i	-1.3499+1.5413i	-0.5860-1.1300i	-0.5011-2.1024i	0.0230+3.1248i	-9.0558-5.9933i

2.1.85 Run 8 – VT315 – Accels 1–8

Vertical shaking at 315°. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	7.3204+0.0000i	6.2168+0.0000i	-1.1574+0.0000i	4.3120+0.0000i	-1.0723+0.0000i	5.2894+0.0000i	1.1072+0.0000i	2.3231+0.0000i
0.1	1.1441+0.0819i	0.9465+0.0635i	-0.2478+0.0861i	0.6512+0.1617i	-0.1291+0.0743i	0.4881-0.5839i	-0.3370+0.1378i	0.4279+0.7666i
0.2	0.0360+0.0043i	-0.0189+0.0411i	-0.0218+0.0453i	-0.0141+0.0753i	-0.1287-0.0555i	0.0284-0.1682i	-0.0985+0.0527i	0.0930-0.0503i
0.3	0.0164-0.0300i	-0.0416+0.0026i	-0.0007-0.0105i	-0.0279-0.0112i	-0.0306-0.0890i	-0.0946-0.0106i	0.0292-0.0608i	0.2507+0.0446i
0.4	0.0015+0.0074i	0.0016-0.0219i	0.0188-0.0149i	0.0069-0.0074i	0.0061-0.0238i	-0.0501-0.0245i	-0.0757+0.0001i	0.0759+0.0436i
0.5	0.0103+0.0076i	0.0067-0.0108i	0.0188-0.0046i	0.0035-0.0047i	0.0008+0.0088i	-0.0122+0.0115i	-0.0493+0.0338i	-0.0363+0.0410i
0.6	0.0182+0.0051i	-0.0020-0.0009i	0.0217-0.0001i	-0.0023-0.0025i	-0.0026+0.0032i	-0.0001+0.0022i	-0.0175+0.0044i	-0.0007+0.0114i
0.7	0.0129+0.0015i	0.0064-0.0046i	0.0272+0.0029i	0.0035-0.0055i	-0.0037+0.0035i	-0.0014+0.0046i	-0.0067+0.0075i	0.0003+0.0034i
0.8	0.0183-0.0005i	0.0123-0.0024i	0.0347+0.0094i	0.0041-0.0021i	-0.0001+0.0003i	-0.0006+0.0005i	0.0004+0.0007i	0.0020+0.0081i
0.9	0.0192+0.0161i	0.0180+0.0063i	0.0401+0.0126i	0.0000+0.0043i	0.0010+0.0015i	0.0034-0.0013i	-0.0005-0.0012i	0.0026-0.0052i
1.0	0.0164+0.0156i	0.0143+0.0069i	0.0418+0.0138i	-0.0042+0.0056i	-0.0008+0.0030i	0.0025-0.0007i	-0.0034-0.0011i	-0.0069+0.0030i
1.1	0.0194+0.0093i	0.0030+0.0047i	0.0487+0.0156i	-0.0077+0.0054i	0.0004+0.0031i	0.0017-0.0019i	-0.0040-0.0010i	-0.0040+0.0022i
1.2	0.0246+0.0094i	-0.0051-0.0005i	0.0578+0.0121i	-0.0067-0.0015i	0.0016+0.0014i	0.0007-0.0019i	-0.0042+0.0006i	-0.0017+0.0015i
1.3	0.0237+0.0173i	-0.0017-0.0018i	0.0688+0.0097i	0.0011-0.0054i	-0.0018+0.0014i	0.0014-0.0012i	-0.0065+0.0033i	-0.0034+0.0005i
1.4	0.0238+0.0138i	-0.0004-0.0038i	0.0762+0.0087i	-0.0028-0.0042i	-0.0021+0.0017i	0.0028-0.0013i	-0.0077+0.0010i	-0.0031+0.0012i
1.5	0.0166+0.0065i	-0.0010-0.0064i	0.0825+0.0069i	-0.0125-0.0021i	-0.0013+0.0007i	0.0044+0.0013i	-0.0087+0.0004i	-0.0026-0.0029i
1.6	0.0229+0.0109i	-0.0001-0.0031i	0.0948+0.0070i	-0.0186+0.0008i	-0.0013-0.0015i	0.0068+0.0014i	-0.0113-0.0005i	-0.0047-0.0126i
1.7	0.0289+0.0162i	-0.0134+0.0004i	0.1006+0.0100i	-0.0228+0.0034i	-0.0023+0.0001i	0.0102-0.0008i	-0.0136-0.0004i	-0.0171-0.0104i
1.8	0.0270+0.0108i	0.0077+0.0094i	0.1271+0.0200i	-0.0236+0.0099i	-0.0020+0.0008i	0.0190-0.0037i	-0.0153-0.0019i	-0.0166+0.0009i
1.9	0.0321+0.0167i	0.0298-0.0119i	0.1584+0.0056i	-0.0242+0.0043i	-0.0045+0.0007i	0.0356-0.0143i	-0.0187-0.0018i	-0.0193+0.0014i
2.0	0.0317+0.0109i	0.0341-0.0709i	0.1835-0.0609i	-0.0276-0.0072i	-0.0059+0.0014i	0.0516-0.0733i	-0.0201-0.0005i	-0.0194+0.0129i
2.1	0.0435+0.0125i	-0.0869-0.1185i	0.0482-0.1313i	-0.0319-0.0014i	-0.0103-0.0003i	-0.1372-0.1550i	-0.0210-0.0012i	0.0111+0.0294i
2.2	0.0521+0.0149i	-0.1607+0.0475i	-0.0401+0.0818i	-0.0270-0.0034i	-0.0138+0.0050i	-0.2468+0.1213i	-0.0252-0.0009i	0.0276-0.0100i
2.3	0.0507+0.0129i	-0.0168+0.0925i	0.1427+0.1447i	-0.0284-0.0120i	-0.0129+0.0047i	-0.0171+0.2015i	-0.0284-0.0012i	-0.0090-0.0263i
2.4	0.0602+0.0083i	0.0169-0.0085i	0.1931+0.0417i	-0.0345-0.0044i	-0.0207+0.0171i	0.0250+0.0442i	-0.0297-0.0010i	-0.0247+0.0101i
2.5	0.0625+0.0129i	-0.0305-0.0089i	0.2152+0.0308i	-0.0408-0.0039i	0.0124+0.0109i	0.0026+0.0276i	-0.0300-0.0019i	0.0128+0.0077i
2.6	0.0659+0.0035i	-0.0287-0.0037i	0.2331+0.0360i	-0.0399-0.0030i	0.0157+0.0104i	0.0068+0.0341i	-0.0339-0.0015i	0.0145+0.0082i
2.7	0.0690+0.0018i	-0.0256+0.0051i	0.2502+0.0316i	-0.0428+0.0043i	0.0148+0.0050i	0.0190+0.0229i	-0.0367-0.0018i	0.0132+0.0031i
2.8	0.0793+0.0017i	-0.0294+0.0003i	0.2618+0.0274i	-0.0478+0.0004i	0.0099+0.0047i	0.0134+0.0136i	-0.0398-0.0020i	0.0098+0.0050i
2.9	0.0813+0.0080i	-0.0283-0.0120i	0.2807+0.0205i	-0.0496-0.0004i	0.0060+0.0026i	0.0092+0.0092i	-0.0449-0.0024i	0.0087+0.0063i
3.0	0.0907+0.0145i	-0.0282-0.0111i	0.2984+0.0215i	-0.0544-0.0045i	0.0057+0.0035i	0.0076+0.0078i	-0.0486-0.0027i	0.0065+0.0039i
3.1	0.0989+0.0133i	-0.0392+0.0003i	0.3059+0.0259i	-0.0652-0.0055i	0.0051+0.0038i	0.0055+0.0062i	-0.0517-0.0048i	0.0059+0.0033i
3.2	0.1048+0.0080i	-0.0617+0.0045i	0.3158+0.0229i	-0.0780-0.0061i	0.0046+0.0015i	0.0035+0.0078i	-0.0562-0.0041i	0.0080+0.0045i
3.3	0.1121+0.0136i	-0.0598-0.0025i	0.3352+0.0156i	-0.0886-0.0133i	0.0042+0.0004i	0.0033+0.0082i	-0.0617-0.0032i	0.0055+0.0005i
3.4	0.1151+0.0286i	-0.0363+0.0124i	0.3616+0.0314i	-0.0839-0.0010i	0.0053+0.0041i	0.0061+0.0117i	-0.0652-0.0084i	0.0028-0.0004i
3.5	0.1300+0.0273i	-0.0393-0.0008i	0.3892+0.0273i	-0.0843-0.0116i	0.0060+0.0058i	0.0113+0.0127i	-0.0718-0.0082i	0.0040+0.0031i
3.6	0.1452+0.0002i	-0.0653+0.0162i	0.4072+0.0410i	-0.0830-0.0155i	0.0052+0.0057i	0.0178+0.0002i	-0.0809+0.0003i	0.0095+0.0064i
3.7	0.1617-0.0083i	-0.0127-0.0126i	0.4888+0.0231i	-0.0912-0.0212i	0.0045+0.0007i	-0.0061-0.0105i	-0.0848+0.0078i	0.0141+0.0028i
3.8	0.1680-0.0072i	-0.0279-0.0013i	0.5021+0.0296i	-0.1008-0.0021i	0.0057+0.0008i	-0.0068-0.0023i	-0.0875+0.0005i	0.0107+0.0012i
3.9	0.1713-0.0009i	-0.0390+0.0015i	0.5118+0.0292i	-0.1127+0.0018i	0.0057+0.0003i	-0.0063-0.0008i	-0.0930-0.0005i	0.0102+0.0004i
4.0	0.1790+0.0009i	-0.0442+0.0025i	0.5268+0.0273i	-0.1244+0.0011i	0.0045-0.0004i	-0.0034-0.0002i	-0.0975-0.0006i	0.0101+0.0001i
4.1	0.1879+0.0028i	-0.0467-0.0008i	0.5518+0.0260i	-0.1301-0.0028i	0.0034-0.0007i	-0.0015-0.0014i	-0.1054-0.0016i	0.0101+0.0005i
4.2	0.2020+0.0036i	-0.0463-0.0038i	0.5771+0.0254i	-0.1344-0.0018i	0.0033-0.0000i	-0.0015-0.0025i	-0.1128-0.0023i	0.0105+0.0004i
4.3	0.2168+0.0068i	-0.0481+0.0009i	0.6073+0.0275i	-0.1422-0.0020i	0.0027-0.0008i	-0.0009-0.0040i	-0.1205-0.0029i	0.0103-0.0020i
4.4	0.2280+0.0038i	-0.0519-0.0073i	0.6366+0.0180i	-0.1576-0.0034i	0.0021-0.0033i	-0.0010-0.0077i	-0.1311-0.0038i	0.0109-0.0018i
4.5	0.2377+0.0038i	-0.0494-0.0150i	0.6565+0.0116i	-0.1629-0.0066i	-0.0003-0.0026i	-0.0006-0.0097i	-0.1394-0.0046i	0.0096-0.0010i
4.6	0.2596+0.0154i	-0.0455-0.0084i	0.6815+0.0159i	-0.1777-0.0002i	-0.0042-0.0016i	0.0028-0.0148i	-0.1528-0.0061i	0.0073+0.0005i
4.7	0.2736+0.0158i	-0.0542-0.0144i	0.7004+0.0222i	-0.1926+0.0092i	-0.0038+0.0047i	-0.0063-0.0314i	-0.1645-0.0030i	0.0062+0.0069i
4.8	0.2906+0.0009i	-0.1012-0.0039i	0.7251+0.0321i	-0.1947-0.0017i	0.0126+0.0067i	-0.0462-0.0275i	-0.1706+0.0022i	0.0286+0.0049i
4.9	0.2980+0.0088i	-0.1142+0.0132i	0.7357+0.0411i	-0.2039-0.0167i	0.0093-0.0038i	-0.0542-0.0024i	-0.1749-0.0051i	0.0317-0.0031i
5.0	0.3403+0.0188i	-0.0477+0.0256i	0.8349+0.0755i	-0.2398-0.0265i	-0.0038+0.0041i	-0.0145+0.0188i	-0.2082-0.0183i	0.0212+0.0019i
5.1	0.3564+0.0247i	-0.0543+0.0144i	0.8659+0.0672i	-0.2526-0.0195i	0.0051+0.0053i	-0.0110+0.0142i	-0.2208-0.0171i	0.0274+0.0041i
5.2	0.3827+0.0191i	-0.0781+0.0222i	0.8931+0.0468i	-0.2767-0.0140i	0.0194-0.0091i	-0.0050+0.0140i	-0.2429-0.0161i	0.0413-0.0084i
5.3	0.4036+0.0041i	-0.0745+0.0492i	0.9053+0.0296i	-0.2950-0.0035i	0.0140-0.0251i	-0.0015+0.0075i	-0.2590-0.0102i	0.0391-0.0199i
5.4	0.4387+0.0064i	-0.0241+0.0948i	0.9119+0.0575i	-0.3137-0.0050i	-0.0263-0.0325i	-0.0042+0.0018i	-0.2825-0.0082i	0.0115-0.0261i
5.5	0.4853-0.0160i	0.0681+0.0471i	1.0020+0.1237i	-0.3428-0.0169i	-0.0420+0.0055i	0.0050-0.0043i	-0.3224-0.0021i	0.0078+0.0015i
5.6	0.4982-0.0196i	0.0545-0.0122i	1.0691+0.0943i	-0.3794-0.0039i	-0.0329+0.0188i	0.0050-0.0246i	-0.3504+0.0078i	0.0211+0.0111i

5.7	0.5266-0.0121i	0.0397-0.0346i	1.0969+0.0631i	-0.3980+0.0056i	-0.0247+0.0168i	-0.0151-0.0315i	-0.3754+0.0144i	0.0341+0.0109i
5.8	0.5629-0.0149i	0.0327-0.0522i	1.1097+0.0610i	-0.4264+0.0104i	-0.0214+0.0188i	-0.0284-0.0230i	-0.4077+0.0229i	0.0441+0.0118i
5.9	0.5928-0.0226i	0.0149-0.0535i	1.1306+0.0811i	-0.4566+0.0141i	-0.0126+0.0243i	-0.0430-0.0158i	-0.4374+0.0241i	0.0583+0.0131i
6.0	0.6452-0.0260i	0.0217-0.0341i	1.1633+0.0956i	-0.4960+0.0206i	-0.0089+0.0212i	-0.0456+0.0011i	-0.4809+0.0285i	0.0705+0.0080i
6.1	0.7045-0.0336i	0.0500-0.0333i	1.1946+0.1103i	-0.5480+0.0264i	-0.0123+0.0204i	-0.0368+0.0141i	-0.5379+0.0370i	0.0813+0.0044i
6.2	0.7575-0.0505i	0.0737-0.0481i	1.2316+0.1245i	-0.5974+0.0387i	-0.0092+0.0261i	-0.0264+0.0168i	-0.5930+0.0520i	0.0965+0.0040i
6.3	0.8269-0.0667i	0.0996-0.0690i	1.2657+0.1313i	-0.6633+0.0557i	-0.0045+0.0296i	-0.0201+0.0121i	-0.6658+0.0725i	0.1185+0.0009i
6.4	0.9078-0.0886i	0.1310-0.0913i	1.2876+0.1456i	-0.7396+0.0736i	-0.0013+0.0327i	-0.0187+0.0092i	-0.7497+0.0965i	0.1424-0.0038i
6.5	1.0039-0.1416i	0.1691-0.1219i	1.3092+0.1607i	-0.8259+0.1218i	0.0051+0.0349i	-0.0184+0.0077i	-0.8499+0.1503i	0.1736-0.0167i
6.6	1.1161-0.1772i	0.2308-0.1495i	1.3161+0.1813i	-0.9310+0.1540i	0.0086+0.0370i	-0.0180+0.0043i	-0.9727+0.1893i	0.2121-0.0257i
6.7	1.2721-0.2366i	0.3236-0.1994i	1.2926+0.2201i	-1.0801+0.2080i	0.0124+0.0414i	-0.0204+0.0010i	-1.1510+0.2584i	0.2684-0.0435i
6.8	1.4617-0.3392i	0.4329-0.2709i	1.2471+0.2745i	-1.2561+0.3001i	0.0175+0.0422i	-0.0254-0.0001i	-1.3652+0.3744i	0.3391-0.0806i
6.9	1.7677-0.6277i	0.6197-0.4896i	1.1391+0.4452i	-1.5465+0.5695i	0.0280+0.0478i	-0.0302+0.0040i	-1.7172+0.7103i	0.4568-0.1846i
7.0	2.1743-1.1740i	0.8791-0.9122i	0.9721+0.8089i	-1.9415+1.0886i	0.0453+0.0650i	-0.0336+0.0110i	-2.1957+1.3560i	0.6225-0.3840i
7.1	2.1930-2.2493i	0.8288-1.7191i	1.0709+1.4964i	-1.9736+2.1194i	0.0879+0.0706i	-0.0262+0.0186i	-2.2175+2.6364i	0.6606-0.8029i
7.2	0.8673-3.0238i	-0.2222-2.2686i	1.9909+1.9307i	-0.7149+2.8664i	0.1210+0.0158i	-0.0247+0.0065i	-0.6401+3.5606i	0.1642-1.1582i
7.3	-0.5618-2.8706i	-1.3587-2.1645i	2.9690+1.8986i	0.6563+2.7361i	0.1179-0.0216i	-0.0491+0.0201i	1.0777+3.4089i	-0.4161-1.1666i
7.4	-1.3752-2.1546i	-2.0533-1.5924i	3.6421+1.4961i	1.4389+2.0598i	0.1154-0.0491i	-0.0339+0.0486i	2.0777+2.5726i	-0.7868-0.9255i
7.5	-1.2908-1.1342i	-2.0222-0.7574i	3.7491+0.7813i	1.3665+1.0923i	0.0939-0.0747i	-0.0044+0.0364i	2.0086+1.3545i	-0.8144-0.5205i
7.6	-0.9030-0.6608i	-1.7456-0.3661i	3.6007+0.4280i	1.0021+0.6410i	0.0742-0.0830i	-0.0011+0.0201i	1.5670+0.7794i	-0.6967-0.3191i
7.7	-0.6137-0.4837i	-1.5626-0.2318i	3.5201+0.3044i	0.7327+0.4744i	0.0631-0.0836i	-0.0058+0.0153i	1.2417+0.5671i	-0.6085-0.2452i
7.8	-0.4230-0.4263i	-1.4794-0.1993i	3.5230+0.2703i	0.5565+0.4217i	0.0565-0.0877i	-0.0059+0.0144i	1.0407+0.5024i	-0.5659-0.2299i
7.9	-0.3258-0.4176i	-1.5118-0.1801i	3.6484+0.2534i	0.4594+0.4156i	0.0522-0.1006i	-0.0017+0.0144i	0.9626+0.4912i	-0.5841-0.2359i
8.0	-0.2669-0.3493i	-1.5518-0.0728i	3.7566+0.1565i	0.4096+0.3494i	0.0450-0.1092i	0.0003+0.0077i	0.9265+0.3970i	-0.6075-0.1922i
8.1	-0.1634-0.2957i	-1.5494+0.0225i	3.8490+0.0752i	0.3168+0.2973i	0.0332-0.1224i	-0.0027+0.0053i	0.8327+0.3241i	-0.6150-0.1617i
8.2	-0.0980-0.2730i	-1.5943+0.1014i	3.9693+0.0039i	0.2542+0.2824i	0.0247-0.1331i	-0.0002+0.0049i	0.7915+0.2866i	-0.6440-0.1373i
8.3	-0.0206-0.2390i	-1.6300+0.2041i	4.0822-0.0801i	0.1873+0.2544i	0.0113-0.1427i	0.0026+0.0005i	0.7361+0.2281i	-0.6714-0.1000i
8.4	0.0656-0.2316i	-1.6446+0.2988i	4.1872-0.1764i	0.1112+0.2481i	-0.0081-0.1462i	0.0027-0.0044i	0.6686+0.1950i	-0.6935-0.0602i
8.5	0.1464-0.2197i	-1.6800+0.3745i	4.3208-0.2506i	0.0371+0.2401i	-0.0287-0.1452i	0.0036-0.0095i	0.6109+0.1630i	-0.7304-0.0212i
8.6	0.2280-0.2296i	-1.7421+0.4624i	4.4759-0.3313i	-0.0407+0.2501i	-0.0398-0.1436i	0.0026-0.0142i	0.5585+0.1466i	-0.7716+0.0203i
8.7	0.3223-0.2640i	-1.8335+0.6061i	4.6640-0.4671i	-0.1277+0.2863i	-0.0567-0.1506i	0.0014-0.0176i	0.5050+0.1413i	-0.8287+0.0781i
8.8	0.3917-0.2981i	-1.9299+0.7563i	4.8390-0.6116i	-0.2062+0.3241i	-0.0696-0.1403i	0.0020-0.0224i	0.4680+0.1341i	-0.8837+0.1592i
8.9	0.4776-0.3462i	-2.0500+0.9536i	5.0511-0.7982i	-0.2940+0.3800i	-0.0876-0.1311i	0.0063-0.0280i	0.4249+0.1246i	-0.9565+0.2609i
9.0	0.5670-0.4642i	-2.0887+1.3331i	5.2115-1.1783i	-0.3638+0.5079i	-0.1039-0.1296i	0.0055-0.0403i	0.3686+0.1297i	-0.9904+0.4402i
9.1	0.6235-0.5648i	-2.0399+1.6250i	5.2756-1.4665i	-0.4137+0.6189i	-0.1032-0.1166i	-0.0046-0.0542i	0.3060+0.1467i	-0.9571+0.5891i
9.2	0.7860-0.8042i	-2.3970+2.2617i	5.7251-2.0681i	-0.5919+0.8729i	-0.1150-0.1253i	-0.0066-0.0762i	0.2469+0.2151i	-1.1274+0.8613i
9.3	0.7999-1.1246i	-2.3910+3.1726i	5.8060-2.9117i	-0.6164+1.2188i	-0.1454-0.1318i	-0.0161-0.0985i	0.2352+0.2879i	-1.1652+1.2619i
9.4	0.3596-1.5016i	-1.0492+4.2104i	4.6469-3.8795i	-0.1407+1.6259i	-0.1916-0.0935i	-0.0634-0.1078i	0.3168+0.3714i	-0.6132+1.7733i
9.5	-0.2348-1.4216i	0.7398+3.9815i	3.0780-3.6437i	0.5287+1.5568i	-0.1993-0.0365i	-0.1115-0.0780i	0.4350+0.3550i	0.1847+1.7367i
9.6	-0.5700-1.0744i	1.8187+3.0006i	2.2192-2.6712i	0.9143+1.1962i	-0.1731-0.0008i	-0.1293-0.0357i	0.4934+0.2832i	0.6991+1.3389i
9.7	-0.5443-0.7829i	1.7920+2.1366i	2.3707-1.8846i	0.8887+0.8753i	-0.1501+0.0045i	-0.1145-0.0087i	0.4814+0.2259i	0.7179+0.9637i
9.8	-0.4412-0.5538i	1.5733+1.4510i	2.7426-1.2668i	0.7925+0.6122i	-0.1295+0.0029i	-0.0924+0.0087i	0.4503+0.1746i	0.6451+0.6566i
9.9	-0.3747-0.4302i	1.4421+1.0830i	3.0031-0.9101i	0.7302+0.4762i	-0.1221+0.0019i	-0.0773+0.0142i	0.4256+0.1472i	0.5985+0.4905i
10.0	-0.2829-0.3445i	1.2723+0.8288i	3.3245-0.6688i	0.6500+0.3896i	-0.1138+0.0009i	-0.0633+0.0147i	0.3955+0.1312i	0.5304+0.3727i
10.1	-0.1801-0.2934i	1.0922+0.6358i	3.6773-0.5022i	0.5569+0.3239i	-0.1082-0.0035i	-0.0548+0.0090i	0.3598+0.1261i	0.4572+0.2821i
10.2	-0.1060-0.2921i	0.9237+0.5395i	3.9710-0.4755i	0.4780+0.3117i	-0.1043-0.0033i	-0.0533+0.0018i	0.3331+0.1394i	0.3907+0.2459i
10.3	-0.0608-0.3101i	0.8074+0.4894i	4.2047-0.4515i	0.4165+0.3289i	-0.1040-0.0065i	-0.0523-0.0020i	0.3188+0.1645i	0.3463+0.2254i
10.4	-0.0488-0.3242i	0.7457+0.4687i	4.3816-0.4460i	0.4085+0.3384i	-0.1036-0.0071i	-0.0533-0.0059i	0.3314+0.1833i	0.3254+0.2147i
10.5	-0.0590-0.3135i	0.7312+0.4394i	4.5614-0.3660i	0.4306+0.3283i	-0.1047-0.0073i	-0.0535-0.0109i	0.3565+0.1867i	0.3204+0.1920i
10.6	-0.0567-0.2825i	0.7295+0.3681i	4.7716-0.2945i	0.4371+0.2945i	-0.1060-0.0068i	-0.0514-0.0150i	0.3746+0.1667i	0.3128+0.1612i
10.7	-0.0403-0.2403i	0.6879+0.2840i	4.9968-0.2450i	0.4183+0.2457i	-0.1057-0.0075i	-0.0518-0.0170i	0.3754+0.1375i	0.2949+0.1285i
10.8	-0.0065-0.2070i	0.6226+0.2220i	5.2434-0.1922i	0.3919+0.2044i	-0.1039-0.0079i	-0.0559-0.0212i	0.3628+0.1121i	0.2708+0.1008i
10.9	0.0284-0.1842i	0.5718+0.1749i	5.4783-0.1519i	0.3535+0.1633i	-0.1045-0.0076i	-0.0598-0.0235i	0.3450+0.0960i	0.2472+0.0840i
11.0	0.0577-0.1751i	0.5205+0.1425i	5.7567-0.1480i	0.3025+0.1475i	-0.1054-0.0094i	-0.0634-0.0254i	0.3259+0.0910i	0.2244+0.0726i
11.1	0.0803-0.1661i	0.4541+0.1366i	5.9972-0.1697i	0.2647+0.1519i	-0.1058-0.0093i	-0.0695-0.0248i	0.3138+0.0886i	0.2073+0.0634i
11.2	0.1084-0.1599i	0.4290+0.1113i	6.2372-0.1718i	0.2409+0.1440i	-0.1073-0.0105i	-0.0731-0.0268i	0.3029+0.0857i	0.1930+0.0571i
11.3	0.1341-0.1480i	0.4064+0.0910i	6.4854-0.1575i	0.2165+0.1332i	-0.1084-0.0112i	-0.0751-0.0263i	0.2900+0.0814i	0.1797+0.0501i
11.4	0.1584-0.1283i	0.3708+0.0730i	6.7823-0.1586i	0.1908+0.1385i	-0.1095-0.0095i	-0.0785-0.0250i	0.2779+0.0767i	0.1638+0.0435i
11.5	0.1764-0.1179i	0.3403+0.0504i	7.0102-0.1421i	0.1660+0.1319i	-0.1121-0.0104i	-0.0832-0.0238i	0.2707+0.0745i	0.1524+0.0372i
11.6	0.2076-0.1048i	0.3231+0.0405i	7.3021-0.1078i	0.1323+0.1184i	-0.1138-0.0104i	-0.0850-0.0223i	0.2585+0.0735i	0.1402+0.0319i
11.7	0.2394-0.0998i	0.2963+0.0480i	7.6078-0.1672i	0.1060+0.1273i	-0.1136-0.0087i	-0.0857-0.0201i	0.2444+0.0735i	0.1307+0.0324i
11.8	0.2663-0.1058i	0.2572+0.0351i	7.9209-0.2281i	0.0727+0.1308i	-0.1146-0.0091i	-0.0869-0.0212i	0.2304+0.0786i	0.1208+0.0308i
11.9	0.2892-0.0996i	0.2598+0.0158i	8.1889-0.2240i	0.0573+0.1290i	-0.1143-0.0107i	-0.0850-0.0230i	0.2194+0.0798i	0.1159+0.0270i

12.0	0.3207-0.1032i	0.2638+0.0083i	8.5662-0.1915i	0.0297+0.1313i	-0.1150-0.0127i	-0.0859-0.0223i	0.2042+0.0814i	0.1082+0.0231i
12.1	0.3453-0.1071i	0.2474+0.0186i	8.8863-0.1953i	-0.0015+0.1461i	-0.1168-0.0142i	-0.0872-0.0236i	0.1947+0.0887i	0.1032+0.0194i
12.2	0.3661-0.1212i	0.2560+0.0156i	9.2944-0.2548i	-0.0261+0.1639i	-0.1188-0.0176i	-0.0862-0.0280i	0.1870+0.1011i	0.1007+0.0167i
12.3	0.3838-0.1431i	0.2857+0.0091i	9.6327-0.3265i	-0.0354+0.1711i	-0.1214-0.0202i	-0.0836-0.0305i	0.1787+0.1124i	0.0995+0.0105i
12.4	0.4020-0.1522i	0.2975+0.0031i	9.9864-0.3415i	-0.0612+0.1912i	-0.1247-0.0227i	-0.0802-0.0340i	0.1752+0.1252i	0.0963+0.0007i
12.5	0.4064-0.1553i	0.3149-0.0233i	10.4195-0.4518i	-0.0685+0.2049i	-0.1290-0.0235i	-0.0828-0.0441i	0.1815+0.1350i	0.0895-0.0131i
12.6	0.4070-0.1586i	0.3364-0.0639i	10.7782-0.5319i	-0.0680+0.2087i	-0.1327-0.0248i	-0.0879-0.0569i	0.1859+0.1402i	0.0807-0.0275i
12.7	0.4031-0.1579i	0.3806-0.0894i	11.1569-0.5903i	-0.0654+0.2271i	-0.1377-0.0260i	-0.0930-0.0681i	0.1918+0.1434i	0.0682-0.0424i
12.8	0.4081-0.1568i	0.4044-0.1081i	11.6300-0.6599i	-0.0654+0.2263i	-0.1443-0.0280i	-0.1073-0.0786i	0.1947+0.1438i	0.0443-0.0570i
12.9	0.4127-0.1446i	0.3778-0.1563i	11.9947-0.7138i	-0.0744+0.2231i	-0.1512-0.0274i	-0.1254-0.0825i	0.1967+0.1392i	0.0170-0.0621i
13.0	0.4207-0.1397i	0.3577-0.2004i	12.4415-0.6793i	-0.1091+0.2193i	-0.1555-0.0267i	-0.1443-0.0816i	0.1985+0.1370i	-0.0121-0.0617i
13.1	0.4405-0.1308i	0.3873-0.2035i	13.0219-0.7210i	-0.1064+0.2156i	-0.1602-0.0250i	-0.1614-0.0739i	0.1971+0.1295i	-0.0372-0.0492i
13.2	0.4558-0.1296i	0.4059-0.1782i	13.5754-0.7741i	-0.1287+0.2206i	-0.1644-0.0268i	-0.1686-0.0647i	0.1870+0.1308i	-0.0528-0.0336i
13.3	0.4751-0.1304i	0.4554-0.1605i	14.2202-0.8284i	-0.1589+0.2486i	-0.1709-0.0292i	-0.1742-0.0560i	0.1786+0.1409i	-0.0690-0.0179i
13.4	0.4844-0.1445i	0.5295-0.1461i	14.8437-0.8928i	-0.1718+0.2572i	-0.1770-0.0284i	-0.1797-0.0500i	0.1783+0.1508i	-0.0789-0.0039i
13.5	0.4851-0.1610i	0.6116-0.1448i	15.5571-0.9237i	-0.1890+0.2723i	-0.1852-0.0277i	-0.1823-0.0487i	0.1844+0.1622i	-0.0855+0.0119i
13.6	0.4709-0.1778i	0.7424-0.1543i	16.3426-1.0962i	-0.1752+0.2872i	-0.1947-0.0247i	-0.1850-0.0510i	0.1986+0.1735i	-0.0856+0.0327i
13.7	0.4492-0.1726i	0.8927-0.2098i	17.0412-1.2641i	-0.1652+0.2960i	-0.1996-0.0227i	-0.1928-0.0503i	0.2153+0.1723i	-0.0811+0.0439i
13.8	0.4332-0.1569i	1.0765-0.2562i	17.9457-1.3730i	-0.1604+0.2931i	-0.2053-0.0200i	-0.2021-0.0429i	0.2331+0.1619i	-0.0737+0.0479i
13.9	0.4290-0.1411i	1.2803-0.3473i	18.8581-1.5702i	-0.1738+0.2845i	-0.2093-0.0177i	-0.2080-0.0349i	0.2427+0.1434i	-0.0697+0.0434i
14.0	0.4322-0.1155i	1.5227-0.4556i	19.9355-1.7681i	-0.1829+0.2742i	-0.2137-0.0166i	-0.2115-0.0301i	0.2452+0.1250i	-0.0714+0.0375i
14.1	0.4241-0.0879i	1.7761-0.6134i	21.1248-2.0705i	-0.1995+0.2660i	-0.2210-0.0174i	-0.2153-0.0251i	0.2432+0.1086i	-0.0759+0.0342i
14.2	0.4323-0.0665i	2.0701-0.8043i	22.2704-2.2984i	-0.2138+0.2692i	-0.2276-0.0173i	-0.2160-0.0219i	0.2402+0.0957i	-0.0819+0.0315i
14.3	0.4400-0.0380i	2.4332-1.0810i	23.6358-2.8272i	-0.2355+0.2503i	-0.2366-0.0143i	-0.2184-0.0188i	0.2288+0.0794i	-0.0939+0.0273i
14.4	0.4403-0.0191i	2.7929-1.4545i	25.2027-3.3008i	-0.2704+0.2424i	-0.2451-0.0114i	-0.2212-0.0159i	0.2259+0.0603i	-0.1089+0.0264i
14.5	0.4522+0.0109i	3.1375-1.9033i	26.5935-3.8798i	-0.3107+0.2414i	-0.2542-0.0093i	-0.2229-0.0155i	0.2201+0.0375i	-0.1226+0.0256i
14.6	0.4761+0.0559i	3.6005-2.7282i	28.6219-5.0944i	-0.3733+0.2274i	-0.2611-0.0030i	-0.2247-0.0135i	0.1916+0.0125i	-0.1337+0.0271i
14.7	0.4980+0.0704i	3.7556-3.4281i	29.8525-6.2439i	-0.4131+0.2430i	-0.2673+0.0014i	-0.2279-0.0121i	0.1642+0.0064i	-0.1433+0.0336i
14.8	0.5455+0.0954i	3.7779-4.4596i	31.4051-7.3734i	-0.4831+0.2498i	-0.2757+0.0092i	-0.2316-0.0142i	0.1194-0.0058i	-0.1627+0.0334i
14.9	0.5988+0.0951i	3.6205-5.1025i	33.1024-8.2590i	-0.5801+0.2658i	-0.2818+0.0253i	-0.2347-0.0095i	0.0623+0.0000i	-0.1810+0.0370i
15.0	0.6230+0.0477i	3.8588-5.3188i	35.1484-9.1230i	-0.6576+0.3448i	-0.2686+0.0448i	-0.2316-0.0253i	0.0272+0.0398i	-0.1907+0.0542i
15.1	0.5947-0.0079i	4.9491-6.0112i	38.7217-10.7068i	-0.6976+0.4412i	-0.2406+0.0523i	-0.2595-0.0430i	0.0162+0.0904i	-0.2024+0.0757i
15.2	0.5569-0.0267i	5.8831-6.7574i	41.6219-11.9991i	-0.7178+0.5122i	-0.2174+0.0340i	-0.2833-0.0355i	0.0156+0.1127i	-0.2059+0.0813i
15.3	0.5105-0.0251i	7.4036-8.7248i	45.5660-15.0839i	-0.7270+0.5906i	-0.2062-0.0098i	-0.2982-0.0109i	0.0114+0.1356i	-0.2154+0.0885i
15.4	0.4466-0.0108i	10.1030-12.5391i	51.1813-20.0426i	-0.7734+0.6970i	-0.2111-0.0606i	-0.3030+0.0126i	0.0143+0.1695i	-0.2300+0.0936i
15.5	0.4057+0.0146i	11.4911-18.0481i	55.1166-26.6111i	-0.7972+0.7905i	-0.2264-0.0997i	-0.2975+0.0261i	0.0136+0.2026i	-0.2380+0.0963i
15.6	0.3701+0.0602i	10.0558-26.1672i	56.6926-36.4627i	-0.7609+0.9026i	-0.2565-0.1408i	-0.2881+0.0345i	0.0282+0.2435i	-0.2480+0.0979i
15.7	0.3095+0.1370i	2.5772-36.1904i	53.4400-49.0169i	-0.6593+1.0141i	-0.3157-0.1952i	-0.2689+0.0428i	0.0857+0.2990i	-0.2723+0.0867i
15.8	0.2726+0.2358i	-9.0107-44.5887i	46.7004-59.4590i	-0.5768+1.0282i	-0.3830-0.2443i	-0.2485+0.0396i	0.1492+0.2988i	-0.3029+0.0696i
15.9	0.3054+0.3345i	-24.9458-45.1761i	36.0239-64.9632i	-0.5329+1.0158i	-0.4788-0.2643i	-0.2402+0.0123i	0.1978+0.2724i	-0.3624+0.0730i
16.0	0.3269+0.3777i	-41.7583-37.8957i	25.1837-64.0344i	-0.5420+1.0021i	-0.5897-0.2614i	-0.2431-0.0243i	0.2181+0.2284i	-0.4304+0.1055i
16.1	0.3000+0.4108i	-51.0935-28.6305i	19.9297-60.5791i	-0.5720+0.9853i	-0.6768-0.2389i	-0.2532-0.0405i	0.2262+0.1924i	-0.4824+0.1433i
16.2	0.2524+0.4610i	-57.5256-16.0966i	18.6330-56.8484i	-0.6637+1.0342i	-0.7728-0.1958i	-0.2754-0.0545i	0.2055+0.1670i	-0.5381+0.1928i
16.3	0.1807+0.5294i	-61.6335-3.1612i	20.6386-55.4805i	-0.7953+1.1787i	-0.8668-0.1583i	-0.2994-0.0794i	0.1789+0.1607i	-0.6031+0.2677i
16.4	0.1210+0.6462i	-60.3372+8.0372i	23.7174-57.9353i	-0.8428+1.4038i	-0.9572-0.1039i	-0.3306-0.0829i	0.1684+0.1850i	-0.6460+0.3536i
16.5	0.0011+0.8457i	-57.7456+23.1733i	26.0907-64.6098i	-0.7740+1.7610i	-1.0987-0.0344i	-0.3869-0.0924i	0.1899+0.2287i	-0.6648+0.4805i
16.6	-0.1214+1.1377i	-52.6314+34.9742i	26.0921-73.6280i	-0.5800+2.0628i	-1.2460+0.0591i	-0.4405-0.0900i	0.2561+0.2233i	-0.6593+0.6043i
16.7	-0.0247+1.6399i	-42.8596+45.0246i	19.9404-86.5950i	-0.2619+2.2473i	-1.4457+0.2713i	-0.4778-0.0449i	0.2805+0.1541i	-0.6727+0.7299i
16.8	0.2960+1.9488i	-32.9434+50.3188i	7.6506-95.1113i	0.0546+2.3587i	-1.5387+0.5667i	-0.4844-0.0014i	0.2614+0.1688i	-0.6562+0.8525i
16.9	0.7088+2.1294i	-20.4096+54.6598i	-10.4508-96.1791i	0.5387+2.3539i	-1.4904+0.9585i	-0.5128+0.0183i	0.2975+0.1665i	-0.5428+1.0284i
17.0	1.0889+2.2200i	-5.7161+55.9586i	-26.3605-92.6729i	1.0201+2.2076i	-1.3419+1.3230i	-0.5376+0.0543i	0.3634+0.1230i	-0.4020+1.2151i
17.1	1.3917+2.2998i	1.9986+50.7514i	-35.8805-87.8406i	1.2316+1.8776i	-1.1315+1.5647i	-0.5190+0.0962i	0.3531+0.0097i	-0.2579+1.2914i
17.2	1.8564+2.2656i	8.9311+47.0895i	-47.3676-78.9123i	1.3445+1.5797i	-0.7404+1.8230i	-0.5089+0.1068i	0.2527-0.0504i	-0.0129+1.3978i
17.3	2.1078+1.9131i	16.1862+41.1419i	-51.9040-65.2872i	1.4440+1.3323i	-0.3278+1.7861i	-0.5064+0.1173i	0.2441-0.0168i	0.2588+1.3656i
17.4	2.1887+1.7121i	20.8671+33.0024i	-51.5504-54.3797i	1.4992+0.9944i	-0.0191+1.6454i	-0.5126+0.1430i	0.2603-0.0379i	0.4948+1.2053i
17.5	2.2563+1.6620i	21.6492+27.6060i	-50.9832-49.2374i	1.4365+0.7529i	0.1681+1.5317i	-0.4922+0.1504i	0.2499-0.0925i	0.6039+1.0709i
17.6	2.4700+1.5677i	22.1395+22.4197i	-51.8767-42.7098i	1.3055+0.5127i	0.3840+1.3804i	-0.4719+0.1483i	0.1872-0.1272i	0.6836+0.9159i
17.7	2.5762+1.4075i	22.3029+18.2125i	-50.2949-37.0068i	1.1747+0.3980i	0.4885+1.1890i	-0.4922+0.1447i	0.1266-0.1194i	0.7155+0.7632i
17.8	2.6443+1.2678i	21.8267+13.8777i	-48.4414-32.3509i	1.0454+0.2705i	0.5485+0.9946i	-0.5014+0.1474i	0.0864-0.1147i	0.7214+0.6185i
17.9	2.6867+1.1524i	20.7844+11.0075i	-47.2115-29.6491i	0.9592+0.2247i	0.5557+0.8677i	-0.5032+0.1579i	0.0599-0.0960i	0.6996+0.5265i
18.0	2.7183+1.0258i	19.1160+8.0980i	-45.8635-26.1054i	0.8728+0.1629i	0.5531+0.7194i	-0.5011+0.1558i	0.0394-0.0876i	0.6713+0.4339i
18.1	2.7164+0.9417i	17.4802+6.2772i	-44.4859-23.1058i	0.8105+0.1221i	0.5253+0.6172i	-0.5098+0.1492i	0.0340-0.0866i	0.6360+0.3676i
18.2	2.7300+0.8771i	15.7167+4.6807i	-42.1286-20.0771i	0.6941+0.0492i	0.4781+0.5151i	-0.5284+0.1461i	0.0105-0.1035i	0.5846+0.2987i

18.3	2.7558+0.8366i	14.4094+3.7696i	-40.3306-18.2833i	0.5900+0.0125i	0.4392+0.4522i	-0.5409+0.1465i	-0.0283-0.1092i	0.5404+0.2590i
18.4	2.7974+0.7996i	13.5349+3.1384i	-38.7681-16.6737i	0.5000-0.0101i	0.4084+0.4082i	-0.5654+0.1487i	-0.0714-0.1015i	0.5039+0.2286i
18.5	2.8613+0.7587i	12.8514+2.7539i	-37.1299-15.6388i	0.3790-0.0083i	0.3621+0.3746i	-0.5989+0.1526i	-0.1353-0.0902i	0.4519+0.2061i
18.6	2.9943+0.6004i	12.4191+1.6150i	-35.8326-14.5825i	0.2254+0.0839i	0.3316+0.3299i	-0.6372+0.1791i	-0.2164+0.0037i	0.3885+0.2050i
18.7	2.9336+0.4412i	11.3104+0.4830i	-35.0013-13.7590i	0.2579+0.1815i	0.2961+0.3008i	-0.6473+0.2106i	-0.1670+0.0864i	0.3767+0.2211i
18.8	2.8490+0.3753i	9.6359-0.0750i	-34.0758-12.4014i	0.2728+0.2032i	0.2498+0.2723i	-0.6471+0.2265i	-0.1131+0.1111i	0.3673+0.2100i
18.9	2.8239+0.3499i	8.5955-0.0541i	-32.9379-11.2732i	0.2683+0.1850i	0.2151+0.2578i	-0.6565+0.2316i	-0.0919+0.1131i	0.3506+0.1998i
19.0	2.8078+0.3445i	7.8586+0.2365i	-31.8724-10.5445i	0.2558+0.1821i	0.1781+0.2579i	-0.6767+0.2454i	-0.0834+0.1075i	0.3288+0.1953i
19.1	2.7955+0.3241i	7.3290+0.3733i	-30.8128-9.7319i	0.2315+0.1884i	0.1492+0.2566i	-0.7033+0.2651i	-0.0770+0.1098i	0.3086+0.1875i
19.2	2.7796+0.3088i	6.9284+0.3996i	-29.8048-8.9237i	0.2239+0.1977i	0.1239+0.2527i	-0.7429+0.2859i	-0.0671+0.1133i	0.2923+0.1779i
19.3	2.7749+0.2961i	6.5467+0.4754i	-28.7317-8.3451i	0.2087+0.1946i	0.0951+0.2582i	-0.7686+0.3127i	-0.0611+0.1138i	0.2664+0.1753i
19.4	2.7731+0.2819i	6.2363+0.4875i	-27.7031-7.8141i	0.1903+0.1803i	0.0650+0.2646i	-0.7835+0.3490i	-0.0571+0.1114i	0.2366+0.1742i
19.5	2.7687+0.2886i	6.0250+0.5198i	-27.0191-7.4030i	0.1854+0.1646i	0.0505+0.2795i	-0.8166+0.3820i	-0.0508+0.1069i	0.2283+0.1794i
19.6	2.7640+0.2915i	5.7185+0.5355i	-26.1687-7.2529i	0.1956+0.1498i	0.0281+0.2852i	-0.8131+0.4410i	-0.0411+0.0992i	0.2002+0.1787i
19.7	2.7723+0.3139i	5.4269+0.6559i	-25.1618-7.0128i	0.1632+0.1262i	0.0011+0.3192i	-0.8270+0.4649i	-0.0483+0.0807i	0.1691+0.2014i
19.8	2.7919+0.3329i	5.3633+0.6552i	-24.5775-6.8443i	0.1418+0.1232i	0.0010+0.3457i	-0.8386+0.5035i	-0.0584+0.0699i	0.1545+0.2161i
19.9	2.8320+0.3517i	5.1496+0.6907i	-23.9597-6.7483i	0.0978+0.1007i	-0.0061+0.3806i	-0.8184+0.5366i	-0.0773+0.0582i	0.1242+0.2373i
20.0	2.8706+0.3559i	4.9878+0.7629i	-23.3997-6.5832i	0.0546+0.1083i	-0.0105+0.4152i	-0.8138+0.5507i	-0.1012+0.0575i	0.0989+0.2714i
20.1	2.9256+0.3495i	4.9644+0.8124i	-22.9618-6.3337i	0.0123+0.1240i	0.0154+0.4394i	-0.8332+0.5549i	-0.1246+0.0613i	0.0877+0.3012i
20.2	2.9623+0.3149i	4.8750+0.8186i	-22.4317-6.0517i	-0.0177+0.1495i	0.0160+0.4700i	-0.8440+0.5717i	-0.1395+0.0820i	0.0667+0.3476i
20.3	2.9895+0.2879i	4.8656+0.7879i	-21.9393-5.9682i	-0.0261+0.1711i	0.0414+0.4822i	-0.8692+0.6100i	-0.1415+0.0962i	0.0788+0.3845i
20.4	2.9996+0.2860i	4.8342+0.7625i	-21.4338-5.7930i	-0.0372+0.1774i	0.0690+0.5048i	-0.9199+0.6311i	-0.1377+0.1045i	0.0849+0.4251i
20.5	3.0138+0.3032i	4.8354+0.8008i	-21.0056-5.7595i	-0.0587+0.1784i	0.0943+0.5345i	-0.9715+0.6850i	-0.1400+0.1061i	0.0936+0.4670i
20.6	3.0496+0.2984i	4.8749+0.6749i	-20.5951-5.7590i	-0.0782+0.1789i	0.1241+0.5339i	-1.0073+0.8013i	-0.1514+0.1081i	0.1106+0.4927i
20.7	3.0907+0.2890i	4.9134+0.5057i	-20.2421-5.7008i	-0.0894+0.1868i	0.1721+0.5305i	-1.0033+0.9277i	-0.1635+0.1163i	0.1443+0.5257i
20.8	3.1200+0.2873i	4.8582+0.3126i	-19.9578-5.7015i	-0.0958+0.1930i	0.2243+0.5239i	-0.9725+1.0297i	-0.1631+0.1274i	0.1896+0.5556i
20.9	3.1558+0.2990i	4.7387+0.2128i	-19.8577-5.7006i	-0.0999+0.1917i	0.2551+0.5094i	-0.8855+1.0961i	-0.1637+0.1302i	0.2261+0.5720i
21.0	3.2131+0.2761i	4.6947+0.1024i	-19.6309-5.5435i	-0.1128+0.2120i	0.2913+0.4917i	-0.8097+1.1583i	-0.1709+0.1384i	0.2595+0.5949i
21.1	3.2538+0.2505i	4.5815-0.0143i	-19.4197-5.4336i	-0.1406+0.2309i	0.3139+0.4602i	-0.7730+1.1993i	-0.1819+0.1475i	0.2811+0.5932i
21.2	3.2986+0.2178i	4.4817-0.0856i	-19.1850-5.2144i	-0.1578+0.2433i	0.3426+0.4244i	-0.7269+1.1885i	-0.1872+0.1579i	0.3227+0.5961i
21.3	3.3308+0.1872i	4.4101-0.1023i	-18.9404-5.0893i	-0.1562+0.2482i	0.3550+0.3917i	-0.6622+1.1620i	-0.1899+0.1736i	0.3737+0.5984i
21.4	3.3454+0.1601i	4.3240-0.1781i	-18.6739-4.9056i	-0.1455+0.2702i	0.3617+0.3612i	-0.6272+1.1766i	-0.1815+0.1842i	0.4114+0.5995i
21.5	3.3740+0.1365i	4.2566-0.2559i	-18.4283-4.7422i	-0.1444+0.2558i	0.3766+0.3320i	-0.6208+1.1750i	-0.1774+0.1879i	0.4534+0.5923i
21.6	3.3944+0.1270i	4.1483-0.3033i	-18.2337-4.6710i	-0.1510+0.2641i	0.3699+0.3085i	-0.5989+1.1811i	-0.1772+0.1921i	0.4868+0.5894i
21.7	3.4060+0.1099i	4.0859-0.3544i	-17.8969-4.4739i	-0.1295+0.2892i	0.3701+0.2743i	-0.6380+1.1899i	-0.1712+0.1997i	0.5167+0.5676i
21.8	3.4255+0.0770i	4.0410-0.4164i	-17.5086-4.3484i	-0.1374+0.2849i	0.3775+0.2510i	-0.7158+1.1998i	-0.1732+0.2054i	0.5495+0.5550i
21.9	3.4310+0.0730i	4.0352-0.4705i	-17.1555-4.2890i	-0.1471+0.2696i	0.3790+0.2309i	-0.7899+1.2578i	-0.1704+0.2018i	0.5768+0.5401i
22.0	3.4347+0.0540i	4.0403-0.5268i	-16.8437-4.1899i	-0.1533+0.2839i	0.3734+0.2114i	-0.8775+1.3012i	-0.1646+0.2070i	0.5985+0.5155i
22.1	3.4396+0.0462i	4.0003-0.6527i	-16.5086-4.2164i	-0.1515+0.2726i	0.3640+0.1811i	-0.9283+1.4031i	-0.1583+0.2063i	0.6205+0.4880i
22.2	3.4559+0.0447i	3.9567-0.7818i	-16.3164-4.3065i	-0.1410+0.2679i	0.3558+0.1589i	-0.9374+1.5517i	-0.1591+0.2104i	0.6508+0.4685i
22.3	3.4632+0.0453i	3.9612-0.9458i	-15.9614-4.4206i	-0.1409+0.2643i	0.3487+0.1304i	-1.0432+1.7787i	-0.1537+0.2132i	0.6609+0.4446i
22.4	3.4713+0.0658i	3.9027-1.1263i	-15.7298-4.5792i	-0.1566+0.2524i	0.3368+0.1071i	-1.0597+2.0475i	-0.1516+0.2028i	0.6792+0.4132i
22.5	3.4938+0.0719i	3.8051-1.3297i	-15.5452-4.7318i	-0.1631+0.2320i	0.3263+0.0861i	-1.0183+2.3236i	-0.1523+0.1982i	0.6958+0.3835i
22.6	3.5154+0.0886i	3.6577-1.6184i	-15.4471-5.0224i	-0.1673+0.2266i	0.3043+0.0631i	-0.8531+2.7347i	-0.1508+0.2000i	0.6988+0.3573i
22.7	3.5428+0.1074i	3.3841-1.8709i	-15.5586-5.2382i	-0.1754+0.2158i	0.2834+0.0388i	-0.5074+3.0925i	-0.1481+0.1996i	0.7032+0.3294i
22.8	3.5671+0.1107i	2.9710-1.9758i	-15.8257-5.3592i	-0.1838+0.2086i	0.2586+0.0241i	0.0258+3.2604i	-0.1415+0.1938i	0.7026+0.3047i
22.9	3.5995+0.1263i	2.6077-2.0021i	-16.0405-5.3073i	-0.2005+0.2069i	0.2360+0.0118i	0.5433+3.3019i	-0.1374+0.1802i	0.6970+0.2773i
23.0	3.6282+0.1291i	2.1650-1.8651i	-16.2994-5.0502i	-0.2114+0.1914i	0.2027+0.0014i	1.1343+3.0543i	-0.1378+0.1648i	0.6911+0.2536i
23.1	3.6426+0.1358i	1.8204-1.6808i	-16.4816-4.7223i	-0.2228+0.1641i	0.1730+0.0048i	1.5797+2.7594i	-0.1331+0.1483i	0.6872+0.2456i
23.2	3.6847+0.1539i	1.6415-1.4061i	-16.4312-4.3471i	-0.2485+0.1349i	0.1520+0.0123i	1.8316+2.3704i	-0.1441+0.1265i	0.6756+0.2293i
23.3	3.7393+0.1584i	1.6548-1.2072i	-16.2696-4.0978i	-0.2701+0.1294i	0.1417+0.0218i	1.8300+2.0292i	-0.1648+0.1157i	0.6650+0.2188i
23.4	3.7923+0.1652i	1.6023-0.9771i	-16.1557-3.7611i	-0.3023+0.1354i	0.1251+0.0288i	1.9052+1.6567i	-0.1859+0.1047i	0.6613+0.2149i
23.5	3.8235+0.1683i	1.5942-0.8261i	-15.9595-3.5397i	-0.3248+0.1329i	0.1165+0.0321i	1.8669+1.4218i	-0.2055+0.0990i	0.6594+0.2050i
23.6	3.8711+0.1778i	1.6221-0.7052i	-15.7510-3.2708i	-0.3574+0.1160i	0.1113+0.0363i	1.8299+1.1528i	-0.2273+0.0905i	0.6591+0.2046i
23.7	3.9094+0.1671i	1.6542-0.6145i	-15.5465-3.1020i	-0.3849+0.1205i	0.1020+0.0402i	1.7294+0.9755i	-0.2453+0.0930i	0.6629+0.2028i
23.8	3.9497+0.1604i	1.7064-0.5438i	-15.2942-2.9900i	-0.3784+0.1256i	0.0922+0.0438i	1.6428+0.8032i	-0.2625+0.0974i	0.6641+0.1918i
23.9	3.9860+0.1675i	1.7763-0.5131i	-15.0314-2.9133i	-0.3896+0.1250i	0.0868+0.0444i	1.5208+0.6831i	-0.2779+0.0978i	0.6643+0.1833i
24.0	4.0174+0.1739i	1.7875-0.4811i	-14.8367-2.8121i	-0.4238+0.1291i	0.0788+0.0399i	1.4345+0.6015i	-0.2904+0.0988i	0.6677+0.1816i
24.1	4.0573+0.1599i	1.7552-0.4495i	-14.6183-2.7476i	-0.4481+0.1458i	0.0704+0.0428i	1.3579+0.5426i	-0.3017+0.1029i	0.6671+0.1764i
24.2	4.0958+0.1623i	1.7960-0.4548i	-14.3984-2.7316i	-0.4589+0.1416i	0.0677+0.0475i	1.2701+0.4863i	-0.3149+0.1029i	0.6697+0.1722i
24.3	4.1392+0.1757i	1.8388-0.3986i	-14.1343-2.6153i	-0.4840+0.1362i	0.0590+0.0428i	1.1743+0.3912i	-0.3359+0.0972i	0.6737+0.1619i
24.4	4.1743+0.1839i	1.8316-0.3911i	-13.9687-2.5547i	-0.5158+0.1320i	0.0500+0.0457i	1.1118+0.3637i	-0.3511+0.0933i	0.6784+0.1574i
24.5	4.2181+0.1919i	1.8431-0.3847i	-13.8251-2.5697i	-0.5493+0.1343i	0.0466+0.0479i	1.0598+0.3484i	-0.3698+0.0886i	0.6820+0.1541i

24.6	4.2765+0.1899i	1.8880-0.3962i	-13.6340-2.5806i	-0.5660+0.1252i	0.0403+0.0476i	1.0007+0.3441i	-0.3959+0.0927i	0.6788+0.1450i
24.7	4.3172+0.1864i	1.9152-0.3808i	-13.4759-2.5528i	-0.5824+0.1548i	0.0297+0.0480i	0.9491+0.3275i	-0.4181+0.0997i	0.6851+0.1389i
24.8	4.3721+0.1799i	1.9205-0.3928i	-13.3017-2.5563i	-0.6367+0.1479i	0.0246+0.0481i	0.8962+0.3120i	-0.4459+0.1078i	0.6895+0.1296i
24.9	4.4299+0.1746i	1.9587-0.3730i	-13.0738-2.5821i	-0.6603+0.1455i	0.0102+0.0547i	0.8440+0.2904i	-0.4708+0.1234i	0.6895+0.1163i
25.0	4.4795+0.1640i	1.9882-0.4106i	-12.9499-2.5300i	-0.6916+0.1757i	0.0017+0.0568i	0.8041+0.2834i	-0.4947+0.1375i	0.6943+0.1072i
25.1	4.5284+0.1505i	1.9859-0.4274i	-12.7986-2.5397i	-0.7217+0.1797i	-0.0053+0.0612i	0.7724+0.2775i	-0.5164+0.1522i	0.6944+0.1003i
25.2	4.5841+0.1315i	2.0669-0.4509i	-12.5741-2.5554i	-0.7338+0.2069i	-0.0103+0.0644i	0.7194+0.2662i	-0.5378+0.1698i	0.6965+0.0861i
25.3	4.6283+0.1277i	2.1030-0.4775i	-12.4162-2.5893i	-0.7428+0.2205i	-0.0125+0.0665i	0.6860+0.2649i	-0.5509+0.1803i	0.6952+0.0781i
25.4	4.6823+0.1175i	2.1224-0.5421i	-12.2499-2.6624i	-0.7651+0.2261i	-0.0159+0.0695i	0.6504+0.2726i	-0.5685+0.1982i	0.6926+0.0701i
25.5	4.7446+0.0956i	2.1504-0.6026i	-12.1057-2.6891i	-0.8092+0.2702i	-0.0174+0.0727i	0.6160+0.2727i	-0.5926+0.2263i	0.6835+0.0637i
25.6	4.7845+0.0592i	2.1472-0.6665i	-11.9448-2.7762i	-0.8368+0.2883i	-0.0239+0.0738i	0.5871+0.2678i	-0.6091+0.2547i	0.6786+0.0580i
25.7	4.8324+0.0159i	2.1583-0.7702i	-11.8237-2.8541i	-0.8529+0.3139i	-0.0234+0.0697i	0.5520+0.2726i	-0.6223+0.2824i	0.6778+0.0591i
25.8	4.8609-0.0147i	2.1830-0.8625i	-11.6823-2.9616i	-0.8496+0.3470i	-0.0334+0.0624i	0.5206+0.2818i	-0.6248+0.3086i	0.6827+0.0608i
25.9	4.8671-0.0386i	2.1568-0.9659i	-11.5098-3.0451i	-0.8369+0.3866i	-0.0513+0.0607i	0.4761+0.2961i	-0.6287+0.3397i	0.6894+0.0531i
26.0	4.9083-0.0550i	2.1507-1.0475i	-11.4275-3.1714i	-0.8635+0.4183i	-0.0606+0.0741i	0.4486+0.3109i	-0.6400+0.3760i	0.6905+0.0466i
26.1	4.9393-0.0822i	2.1436-1.1245i	-11.3400-3.2411i	-0.8750+0.4644i	-0.0629+0.0781i	0.4334+0.3202i	-0.6463+0.4118i	0.6917+0.0456i
26.2	4.9204-0.1399i	2.0493-1.2524i	-11.2641-3.4138i	-0.8167+0.5030i	-0.0747+0.0882i	0.4033+0.3416i	-0.6081+0.4721i	0.6938+0.0341i
26.3	4.8887-0.1218i	1.9768-1.3295i	-11.2964-3.5671i	-0.7758+0.4987i	-0.0720+0.0926i	0.3877+0.3677i	-0.5489+0.4837i	0.6861+0.0271i
26.4	4.8792-0.1016i	1.9532-1.3663i	-11.3117-3.6523i	-0.7169+0.4833i	-0.0650+0.0968i	0.3823+0.3914i	-0.5090+0.4806i	0.6744+0.0277i
26.5	4.8749-0.0681i	1.8528-1.4766i	-11.3576-3.7668i	-0.6857+0.4342i	-0.0622+0.0990i	0.3749+0.4128i	-0.4658+0.4617i	0.6666+0.0320i
26.6	4.8866-0.0089i	1.7918-1.5255i	-11.3390-3.8059i	-0.6754+0.4065i	-0.0606+0.0898i	0.3503+0.4162i	-0.4455+0.4166i	0.6663+0.0397i
26.7	4.9288+0.0438i	1.7239-1.5478i	-11.3524-3.8197i	-0.7074+0.3745i	-0.0616+0.0794i	0.3302+0.4252i	-0.4487+0.3680i	0.6719+0.0533i
26.8	4.9991+0.0739i	1.6386-1.6230i	-11.3151-3.8455i	-0.7522+0.3355i	-0.0736+0.0715i	0.3141+0.4442i	-0.4768+0.3436i	0.6844+0.0610i
26.9	5.0470+0.0730i	1.5806-1.6721i	-11.2982-3.8770i	-0.7748+0.3357i	-0.0817+0.0706i	0.2949+0.4601i	-0.4959+0.3368i	0.6949+0.0629i
27.0	5.0915+0.1052i	1.5354-1.7489i	-11.2579-3.9467i	-0.7692+0.3094i	-0.0873+0.0697i	0.2726+0.4981i	-0.5087+0.3206i	0.7044+0.0644i
27.1	5.1390+0.1423i	1.4840-1.8518i	-11.2345-4.0766i	-0.7767+0.2546i	-0.0954+0.0655i	0.2546+0.5396i	-0.5217+0.2980i	0.7177+0.0683i
27.2	5.2037+0.1832i	1.3822-1.9508i	-11.2303-4.2386i	-0.8254+0.2631i	-0.1078+0.0645i	0.2326+0.5970i	-0.5547+0.2751i	0.7302+0.0686i
27.3	5.3080+0.2204i	1.2156-2.0595i	-11.3615-4.3882i	-0.8769+0.2632i	-0.1169+0.0625i	0.2486+0.6716i	-0.6020+0.2595i	0.7414+0.0669i
27.4	5.3993+0.2328i	1.0228-2.1552i	-11.5350-4.4834i	-0.9393+0.2270i	-0.1317+0.0536i	0.2779+0.7408i	-0.6464+0.2574i	0.7628+0.0656i
27.5	5.4899+0.2451i	0.7902-2.2107i	-11.7301-4.5812i	-0.9983+0.2279i	-0.1511+0.0470i	0.3229+0.8119i	-0.6936+0.2564i	0.7823+0.0629i
27.6	5.5699+0.2516i	0.5753-2.2754i	-11.8876-4.6046i	-1.0396+0.2169i	-0.1664+0.0418i	0.3753+0.8558i	-0.7353+0.2566i	0.7990+0.0611i
27.7	5.6815+0.2354i	0.2868-2.2784i	-12.1281-4.5770i	-1.1241+0.2207i	-0.1899+0.0410i	0.4491+0.9027i	-0.7833+0.2722i	0.8181+0.0496i
27.8	5.7801+0.2087i	0.0416-2.1768i	-12.3398-4.4555i	-1.1971+0.2530i	-0.2144+0.0450i	0.5379+0.9245i	-0.8316+0.2950i	0.8361+0.0353i
27.9	5.8614+0.1866i	-0.1563-1.9835i	-12.4678-4.2836i	-1.2269+0.2992i	-0.2393+0.0529i	0.6215+0.9141i	-0.8802+0.3215i	0.8517+0.0216i
28.0	5.9433+0.1455i	-0.2740-1.7972i	-12.5526-4.0805i	-1.2516+0.3441i	-0.2615+0.0664i	0.6871+0.8869i	-0.9198+0.3568i	0.8640+0.0063i
28.1	6.0459+0.0579i	-0.4479-1.6211i	-12.6680-3.8573i	-1.3398+0.4088i	-0.2830+0.0790i	0.7534+0.8470i	-0.9654+0.4171i	0.8782-0.0144i
28.2	6.0793-0.0350i	-0.5703-1.4137i	-12.6854-3.6257i	-1.3600+0.4817i	-0.3125+0.0911i	0.8176+0.7790i	-0.9711+0.4879i	0.8877-0.0262i
28.3	6.0878-0.0520i	-0.6562-1.2305i	-12.6769-3.4183i	-1.3395+0.5119i	-0.3410+0.1197i	0.8654+0.7153i	-0.9634+0.5184i	0.9001-0.0440i
28.4	6.1162-0.0461i	-0.6376-1.0650i	-12.6090-3.2518i	-1.3231+0.5247i	-0.3510+0.1486i	0.8744+0.6623i	-0.9654+0.5227i	0.9048-0.0596i
28.5	6.1827-0.0647i	-0.6180-0.9230i	-12.5354-3.1166i	-1.3855+0.5318i	-0.3586+0.1705i	0.8675+0.6157i	-0.9940+0.5370i	0.9136-0.0728i
28.6	6.2789-0.0737i	-0.5329-0.7737i	-12.3849-2.9483i	-1.3895+0.5317i	-0.3716+0.1973i	0.8688+0.5425i	-1.0412+0.5787i	0.9313-0.0873i
28.7	6.3531-0.1084i	-0.5327-0.5943i	-12.3178-2.8194i	-1.4473+0.6196i	-0.3826+0.2284i	0.8679+0.5012i	-1.0777+0.6246i	0.9404-0.1067i
28.8	6.3953-0.1652i	-0.4958-0.4874i	-12.2056-2.7160i	-1.4753+0.6651i	-0.3818+0.2544i	0.8434+0.4602i	-1.0899+0.6713i	0.9441-0.1268i
28.9	6.4497-0.2243i	-0.4687-0.4014i	-12.0777-2.6380i	-1.5174+0.7143i	-0.3771+0.2862i	0.8132+0.4269i	-1.0992+0.7266i	0.9484-0.1492i
29.0	6.4955-0.2711i	-0.4035-0.3141i	-11.9872-2.5569i	-1.5166+0.7481i	-0.3688+0.3120i	0.7983+0.3988i	-1.1171+0.7806i	0.9526-0.1689i
29.1	6.5579-0.3114i	-0.3708-0.2044i	-11.8994-2.4739i	-1.5509+0.8187i	-0.3643+0.3338i	0.7769+0.3720i	-1.1323+0.8408i	0.9589-0.1904i
29.2	6.6211-0.3870i	-0.2961-0.1637i	-11.7858-2.4422i	-1.5673+0.8972i	-0.3538+0.3549i	0.7496+0.3596i	-1.1321+0.9099i	0.9640-0.2120i
29.3	6.6168-0.4441i	-0.1629-0.0901i	-11.6575-2.3957i	-1.4863+0.9575i	-0.3430+0.3727i	0.7191+0.3448i	-1.1167+0.9717i	0.9667-0.2346i
29.4	6.6547-0.4969i	-0.0858-0.0299i	-11.5987-2.3611i	-1.4672+1.0351i	-0.3373+0.3914i	0.7006+0.3314i	-1.1111+1.0371i	0.9715-0.2587i
29.5	6.6688-0.5479i	-0.0352-0.0534i	-11.5109-2.3386i	-1.4771+1.0553i	-0.3182+0.3971i	0.6722+0.3327i	-1.0706+1.0857i	0.9662-0.2787i
29.6	6.6742-0.5812i	-0.0024+0.0228i	-11.4378-2.2888i	-1.4449+1.1323i	-0.3037+0.4010i	0.6550+0.3294i	-1.0396+1.1339i	0.9601-0.2947i
29.7	6.6874-0.6333i	0.0472+0.0218i	-11.3454-2.2993i	-1.4273+1.1527i	-0.3008+0.4104i	0.6274+0.3269i	-1.0121+1.1876i	0.9581-0.3181i
29.8	6.6997-0.6988i	0.0832-0.0551i	-11.2819-2.3315i	-1.4060+1.1424i	-0.2914+0.4153i	0.6016+0.3409i	-0.9754+1.2291i	0.9516-0.3374i
29.9	6.7015-0.7493i	0.0926-0.0286i	-11.2183-2.3012i	-1.3974+1.2129i	-0.2859+0.4234i	0.5723+0.3426i	-0.9386+1.2782i	0.9477-0.3592i
30.0	6.6901-0.7671i	0.1754+0.0245i	-11.0919-2.2572i	-1.3617+1.2916i	-0.2799+0.4273i	0.5477+0.3561i	-0.8900+1.3068i	0.9376-0.3834i
30.1	6.6710-0.8035i	0.2307+0.0230i	-11.0085-2.2772i	-1.3015+1.3287i	-0.2766+0.4368i	0.5256+0.3802i	-0.8334+1.3482i	0.9292-0.4048i
30.2	6.6484-0.8003i	0.2457-0.0346i	-10.9560-2.2873i	-1.2536+1.3058i	-0.2713+0.4377i	0.5145+0.4017i	-0.7761+1.3527i	0.9107-0.4150i
30.3	6.6216-0.7837i	0.2823-0.0520i	-10.8953-2.2650i	-1.1885+1.3051i	-0.2703+0.4436i	0.5034+0.4266i	-0.7125+1.3530i	0.8856-0.4307i
30.4	6.6241-0.7751i	0.3405-0.0576i	-10.8350-2.2502i	-1.1413+1.2847i	-0.2758+0.4564i	0.4981+0.4537i	-0.6789+1.3556i	0.8719-0.4429i
30.5	6.6435-0.7818i	0.3167-0.0551i	-10.8127-2.2676i	-1.1521+1.2863i	-0.2748+0.4752i	0.5046+0.4776i	-0.6540+1.3621i	0.8587-0.4420i
30.6	6.6128-0.7870i	0.3980-0.0334i	-10.7400-2.2937i	-1.0693+1.3116i	-0.2580+0.4935i	0.5062+0.4861i	-0.5949+1.3779i	0.8507-0.4467i
30.7	6.5983-0.7902i	0.4550-0.0587i	-10.6436-2.2641i	-1.0288+1.3299i	-0.2397+0.5018i	0.4893+0.5212i	-0.5384+1.3779i	0.8418-0.4547i
30.8	6.5911-0.7417i	0.4448-0.0799i	-10.6000-2.2621i	-1.0037+1.2966i	-0.2186+0.5013i	0.4837+0.5538i	-0.4726+1.3531i	0.8263-0.4587i

30.9	6.5852-0.7178i	0.4552-0.0793i	-10.5950-2.2646i	-0.9618+1.3091i	-0.2071+0.5033i	0.4787+0.5816i	-0.4347+1.3374i	0.8213-0.4670i
31.0	6.5900-0.6773i	0.4422-0.0887i	-10.5306-2.2546i	-0.9426+1.2904i	-0.1963+0.5095i	0.4600+0.6159i	-0.4016+1.3136i	0.8052-0.4819i
31.1	6.6228-0.6161i	0.5236-0.1757i	-10.4774-2.2901i	-0.9137+1.1884i	-0.1783+0.5060i	0.4792+0.6815i	-0.3664+1.2616i	0.7789-0.4828i
31.2	6.6388-0.5750i	0.5225-0.2815i	-10.4365-2.3402i	-0.9076+1.1205i	-0.1635+0.4915i	0.5043+0.7283i	-0.3278+1.2142i	0.7625-0.4720i
31.3	6.6674-0.5081i	0.5654-0.3019i	-10.3795-2.3479i	-0.8647+1.0865i	-0.1572+0.4728i	0.5467+0.7711i	-0.3159+1.1557i	0.7474-0.4539i
31.4	6.7040-0.4642i	0.5943-0.2878i	-10.3404-2.3058i	-0.8443+1.0773i	-0.1540+0.4644i	0.5783+0.8322i	-0.3103+1.1141i	0.7354-0.4404i
31.5	6.7543-0.4285i	0.5229-0.4103i	-10.3287-2.3761i	-0.9046+1.0087i	-0.1473+0.4541i	0.6407+0.9210i	-0.3044+1.0802i	0.7260-0.4261i
31.6	6.7960-0.3847i	0.5489-0.4835i	-10.2660-2.3800i	-0.8678+0.9604i	-0.1553+0.4337i	0.7161+0.9357i	-0.3169+1.0244i	0.7334-0.4024i
31.7	6.8313-0.3465i	0.5347-0.3563i	-10.2233-2.3383i	-0.8751+1.0236i	-0.1674+0.4138i	0.8067+0.9746i	-0.3337+0.9699i	0.7419-0.3728i
31.8	6.8764-0.3137i	0.5182-0.4473i	-10.1801-2.3944i	-0.8776+0.9444i	-0.1760+0.4080i	0.8771+0.9531i	-0.3529+0.9408i	0.7516-0.3622i
31.9	6.9588-0.2666i	0.6167-0.5300i	-10.1305-2.4120i	-0.8299+0.9058i	-0.1881+0.4073i	0.9754+0.9404i	-0.3834+0.9141i	0.7631-0.3516i
32.0	7.0209-0.2256i	0.5688-0.5520i	-10.1324-2.4341i	-0.8848+0.8807i	-0.2058+0.4026i	1.0304+0.9796i	-0.4101+0.8866i	0.7833-0.3403i
32.1	7.0799-0.1938i	0.4742-0.6500i	-10.1099-2.4594i	-0.9365+0.8083i	-0.2202+0.3942i	1.2071+0.9400i	-0.4369+0.8613i	0.8096-0.3246i
32.2	7.1276-0.1407i	0.3923-0.6679i	-10.0960-2.4851i	-0.9910+0.7759i	-0.2303+0.3887i	1.3274+0.8526i	-0.4580+0.8187i	0.8302-0.3159i
32.3	7.2336-0.0783i	0.3702-0.6100i	-10.1298-2.4759i	-1.0315+0.7965i	-0.2490+0.3911i	1.4246+0.8495i	-0.4977+0.7882i	0.8503-0.3060i
32.4	7.3064-0.0193i	0.2636-0.7673i	-10.1440-2.5719i	-1.0912+0.6722i	-0.2654+0.3855i	1.5083+0.7629i	-0.5323+0.7543i	0.8799-0.2925i
32.5	7.4062+0.0403i	0.1247-0.8004i	-10.1535-2.5754i	-1.1980+0.6130i	-0.2842+0.3791i	1.5338+0.5677i	-0.5792+0.7158i	0.9176-0.2927i
32.6	7.4915+0.0945i	0.1152-0.8672i	-10.1126-2.5664i	-1.2345+0.5149i	-0.2954+0.3760i	1.5307+0.4260i	-0.6294+0.6720i	0.9420-0.2939i
32.7	7.6215+0.1229i	0.0675-0.9093i	-10.1619-2.5516i	-1.2980+0.4614i	-0.3109+0.3788i	1.5354+0.3065i	-0.6943+0.6437i	0.9718-0.3037i
32.8	7.7680+0.1631i	0.0514-0.8020i	-10.2310-2.5124i	-1.3511+0.4969i	-0.3299+0.3833i	1.5179+0.2002i	-0.7772+0.6174i	0.9995-0.3143i
32.9	7.9605+0.2301i	-0.0656-0.6798i	-10.2913-2.4734i	-1.5107+0.5189i	-0.3563+0.3701i	1.4546+0.1130i	-0.8986+0.5789i	1.0363-0.3107i
33.0	8.1344+0.2814i	-0.2347-0.7747i	-10.2811-2.4956i	-1.7310+0.4259i	-0.3946+0.3592i	1.3961+0.0660i	-1.0259+0.5626i	1.0872-0.3157i
33.1	8.3443+0.2209i	-0.3401-0.7130i	-10.2619-2.4627i	-1.9415+0.4897i	-0.4504+0.3710i	1.3479-0.0003i	-1.1847+0.6108i	1.1486-0.3371i
33.2	8.5285+0.1389i	-0.2828-0.5898i	-10.2364-2.3985i	-1.9842+0.6037i	-0.5022+0.3845i	1.3127-0.0478i	-1.3278+0.6870i	1.2046-0.3555i
33.3	8.6879+0.0164i	-0.3255-0.5456i	-10.2654-2.3717i	-2.1079+0.7097i	-0.5439+0.4268i	1.2779-0.0703i	-1.4375+0.8088i	1.2509-0.4058i
33.4	8.8032-0.1419i	-0.3054-0.6280i	-10.2425-2.3828i	-2.1407+0.8095i	-0.5829+0.4881i	1.2379-0.0891i	-1.5152+0.9688i	1.3072-0.4570i
33.5	8.8943-0.3027i	-0.4077-0.5370i	-10.2501-2.3344i	-2.2159+0.9848i	-0.6042+0.5570i	1.1884-0.1364i	-1.5535+1.1361i	1.3492-0.5337i
33.6	8.9223-0.4530i	-0.3507-0.3934i	-10.2438-2.2186i	-2.1640+1.1909i	-0.5931+0.6067i	1.1236-0.1481i	-1.5353+1.2780i	1.3409-0.5961i
33.7	8.9274-0.5720i	-0.1845-0.2671i	-10.1709-2.1233i	-2.0206+1.3554i	-0.5625+0.6547i	1.0836-0.1558i	-1.4900+1.4177i	1.3162-0.6511i
33.8	8.8799-0.6368i	-0.0996-0.3509i	-10.0859-2.1417i	-1.8957+1.3714i	-0.5151+0.6706i	1.0207-0.1463i	-1.4073+1.4973i	1.2930-0.6875i
33.9	8.8517-0.6650i	-0.1751-0.3720i	-10.0880-2.2064i	-1.9033+1.4071i	-0.4877+0.6698i	0.9673-0.1281i	-1.3529+1.5595i	1.2781-0.7326i
34.0	8.8888-0.6712i	-0.2836-0.2993i	-10.0797-2.1858i	-1.9940+1.4562i	-0.4843+0.6589i	0.9436-0.1022i	-1.3261+1.5995i	1.2706-0.7653i
34.1	8.8320-0.6880i	-0.1635-0.3122i	-9.9880-2.1470i	-1.8379+1.4642i	-0.4914+0.6504i	0.9174-0.0899i	-1.2466+1.6139i	1.2622-0.7726i
34.2	8.8787-0.6887i	-0.2406-0.2204i	-9.9994-2.1249i	-1.8925+1.5017i	-0.5165+0.6443i	0.8907-0.0970i	-1.2237+1.6358i	1.2642-0.7914i
34.3	8.9434-0.5598i	-0.3182-0.4501i	-10.0510-2.1539i	-1.9018+1.2671i	-0.5712+0.6470i	0.8860-0.0879i	-1.2431+1.5816i	1.3177-0.8005i
34.4	8.9969-0.5477i	-0.2611-0.4166i	-10.0571-2.1440i	-1.8643+1.3219i	-0.6017+0.6415i	0.8862-0.0649i	-1.2422+1.5818i	1.3281-0.8011i
34.5	9.0860-0.5476i	-0.3150-0.3905i	-10.0735-2.1130i	-1.9204+1.3212i	-0.6316+0.6701i	0.8609-0.0413i	-1.2691+1.6106i	1.3508-0.8403i
34.6	9.2146-0.5466i	-0.3515-0.3986i	-10.0583-2.0849i	-1.9984+1.2759i	-0.6794+0.7023i	0.8430-0.0241i	-1.3303+1.6297i	1.4071-0.8732i
34.7	9.3119-0.5448i	-0.2801-0.4157i	-10.0098-2.0477i	-1.9803+1.2794i	-0.7176+0.7260i	0.8394+0.0044i	-1.3704+1.6488i	1.4513-0.9019i
34.8	9.4106-0.6226i	-0.3780-0.2588i	-10.0322-1.9925i	-2.0880+1.4298i	-0.7380+0.7697i	0.8378+0.0260i	-1.3819+1.7345i	1.4622-0.9611i
34.9	9.5419-0.6899i	-0.3783-0.2173i	-10.0298-1.8892i	-2.1892+1.5180i	-0.7716+0.8194i	0.8431+0.0446i	-1.4250+1.8173i	1.4982-1.0261i
35.0	9.6414-0.7032i	-0.3198-0.3205i	-9.9656-1.8847i	-2.1862+1.4535i	-0.8000+0.8572i	0.8513+0.0522i	-1.4721+1.8583i	1.5400-1.0792i
35.1	9.7316-0.7602i	-0.3183-0.3015i	-9.9446-1.8766i	-2.2580+1.5260i	-0.8245+0.9075i	0.8790+0.0584i	-1.4799+1.9387i	1.5636-1.1524i
35.2	9.8090-0.8204i	-0.2955-0.2456i	-9.8587-1.8107i	-2.2940+1.6264i	-0.8501+0.9665i	0.8995+0.0806i	-1.4871+2.0173i	1.5847-1.2374i
35.3	9.8876-0.8668i	-0.2678-0.2628i	-9.8615-1.7733i	-2.3023+1.6302i	-0.8702+1.0113i	0.9111+0.1019i	-1.5139+2.0889i	1.6035-1.3142i
35.4	9.9348-0.9436i	-0.1455-0.1396i	-9.8196-1.6605i	-2.2336+1.7811i	-0.8840+1.0733i	0.9322+0.1107i	-1.5019+2.1672i	1.6075-1.4018i
35.5	10.0107-1.0220i	-0.1254-0.1738i	-9.7588-1.6938i	-2.2872+1.8113i	-0.8874+1.1398i	0.9703+0.1211i	-1.4878+2.2663i	1.5789-1.5100i
35.6	10.0933-1.0802i	-0.1340-0.2352i	-9.7689-1.6746i	-2.3134+1.8395i	-0.9030+1.1894i	0.9946+0.1244i	-1.4946+2.3614i	1.5732-1.5870i
35.7	10.1615-1.1996i	-0.0979-0.2894i	-9.7218-1.6676i	-2.3102+1.9437i	-0.9078+1.2557i	1.0288+0.1316i	-1.4786+2.4692i	1.5499-1.6777i
35.8	10.2010-1.2819i	-0.0813-0.2957i	-9.6919-1.6513i	-2.2924+2.0422i	-0.9212+1.3066i	1.0709+0.1357i	-1.4462+2.5531i	1.5220-1.7393i
35.9	10.2026-1.4172i	-0.1288-0.2080i	-9.6606-1.5734i	-2.2591+2.2292i	-0.9323+1.4026i	1.1410+0.1371i	-1.3652+2.6858i	1.4661-1.8466i
36.0	10.2137-1.4851i	-0.0805-0.2398i	-9.5964-1.5586i	-2.2235+2.2803i	-0.9348+1.4794i	1.1954+0.1234i	-1.3145+2.7731i	1.4329-1.9260i
36.1	10.2389-1.5649i	-0.1503-0.2744i	-9.6473-1.5093i	-2.2244+2.3315i	-0.9267+1.5674i	1.2696+0.0846i	-1.2391+2.8613i	1.3727-2.0051i
36.2	10.2778-1.6302i	-0.1572-0.3039i	-9.6599-1.5073i	-2.1949+2.3920i	-0.9172+1.6265i	1.3228+0.0510i	-1.1882+2.9090i	1.3232-2.0467i
36.3	10.3065-1.7049i	-0.1914-0.2821i	-9.6179-1.4691i	-2.2389+2.4867i	-0.8972+1.7276i	1.4009-0.0027i	-1.1017+3.0114i	1.2430-2.1305i
36.4	10.3285-1.7745i	-0.2257-0.3425i	-9.6128-1.4496i	-2.2157+2.5433i	-0.8914+1.7967i	1.4528-0.0636i	-1.0544+3.0814i	1.2094-2.1839i
36.5	10.3208-1.8285i	-0.1707-0.4030i	-9.5765-1.4291i	-2.0878+2.5630i	-0.8438+1.8754i	1.4832-0.1631i	-0.9878+3.1193i	1.1653-2.2124i
36.6	10.2907-1.8889i	-0.1801-0.3302i	-9.5593-1.3685i	-2.0605+2.6922i	-0.8183+1.9589i	1.5336-0.2461i	-0.8815+3.1625i	1.1077-2.2610i
36.7	10.2670-1.9507i	-0.1794-0.3288i	-9.4852-1.3445i	-1.9914+2.8012i	-0.7728+2.0393i	1.5637-0.3292i	-0.7740+3.1969i	1.0360-2.3135i
36.8	10.2859-1.9694i	-0.1811-0.3229i	-9.4438-1.2873i	-1.9412+2.7938i	-0.7739+2.1162i	1.5988-0.4312i	-0.7270+3.2251i	1.0238-2.3642i
36.9	10.2766-1.9483i	-0.1455-0.3821i	-9.4185-1.2321i	-1.8638+2.7318i	-0.7608+2.1930i	1.6130-0.5421i	-0.6864+3.2341i	1.0100-2.4067i
37.0	10.2935-1.9570i	-0.1265-0.3972i	-9.3381-1.1950i	-1.8270+2.7392i	-0.7046+2.2599i	1.5970-0.6847i	-0.6322+3.2318i	0.9515-2.4347i
37.1	10.3632-2.0157i	-0.1518-0.3965i	-9.3290-1.1590i	-1.8390+2.8460i	-0.6783+2.3423i	1.5982-0.8130i	-0.5939+3.2871i	0.8983-2.4820i

37.2	10.4090-2.0942i	-0.2500-0.4959i	-9.3388-1.1484i	-1.8735+2.8908i	-0.6597+2.4878i	1.5838-0.9453i	-0.5544+3.3878i	0.8665-2.6046i
37.3	10.4199-2.1538i	-0.1663-0.5173i	-9.2552-1.1011i	-1.7663+2.9752i	-0.6026+2.6342i	1.5150-1.1009i	-0.4790+3.4465i	0.8226-2.6988i
37.4	10.3894-2.2191i	-0.1822-0.5446i	-9.2487-1.0891i	-1.6855+3.0288i	-0.5051+2.7785i	1.4278-1.2711i	-0.3744+3.5213i	0.7213-2.7970i
37.5	10.3790-2.2741i	-0.2021-0.5412i	-9.2276-1.0265i	-1.6326+3.1081i	-0.4377+2.8857i	1.3455-1.4522i	-0.2984+3.5764i	0.6594-2.8375i
37.6	10.3900-2.3361i	-0.2408-0.5964i	-9.1861-0.9658i	-1.5845+3.1387i	-0.3225+3.0053i	1.1606-1.5915i	-0.2202+3.6250i	0.5898-2.8945i
37.7	10.3889-2.4019i	-0.2710-0.6176i	-9.1295-0.9316i	-1.5301+3.2006i	-0.1869+3.1280i	0.9608-1.7205i	-0.1258+3.6793i	0.4925-2.9522i
37.8	10.3582-2.4918i	-0.3145-0.6866i	-9.1022-0.9375i	-1.4327+3.2756i	-0.0011+3.2623i	0.7339-1.8169i	0.0154+3.7610i	0.3594-3.0366i
37.9	10.2610-2.5705i	-0.3299-0.7069i	-9.0556-0.8777i	-1.2710+3.3226i	0.2191+3.3411i	0.4277-1.8340i	0.1957+3.8037i	0.2415-3.0793i
38.0	10.1379-2.5985i	-0.4344-0.7150i	-8.9671-0.7716i	-1.1522+3.3617i	0.4402+3.3965i	0.1425-1.7896i	0.4126+3.8206i	0.1183-3.1161i
38.1	10.0107-2.5567i	-0.5262-0.7127i	-8.9055-0.7726i	-0.9770+3.3452i	0.6688+3.3907i	-0.1073-1.6522i	0.6154+3.7442i	-0.0185-3.1404i
38.2	9.9404-2.4419i	-0.5167-0.6930i	-8.8073-0.7890i	-0.8655+3.2402i	0.9047+3.3227i	-0.3429-1.4715i	0.7662+3.5918i	-0.1630-3.1181i
38.3	9.9615-2.3084i	-0.5077-0.6561i	-8.7504-0.7372i	-0.8132+3.1382i	1.0362+3.2509i	-0.4560-1.2491i	0.8173+3.4551i	-0.2329-3.1112i
38.4	10.0386-2.2197i	-0.5972-0.6828i	-8.7126-0.7303i	-0.8764+3.0705i	1.1617+3.1943i	-0.5624-1.0518i	0.8376+3.3737i	-0.2834-3.1132i
38.5	10.1393-2.2255i	-0.6148-0.6988i	-8.6536-0.7140i	-0.8984+3.0625i	1.2945+3.1525i	-0.6154-0.8278i	0.8551+3.3448i	-0.3496-3.1681i
38.6	10.1601-2.2364i	-0.6492-0.7214i	-8.6031-0.7060i	-0.8074+3.0738i	1.4383+3.0936i	-0.5995-0.6438i	0.9085+3.3019i	-0.4677-3.1929i
38.7	10.1423-2.2598i	-0.7461-0.7231i	-8.5699-0.6879i	-0.7639+3.1003i	1.5709+3.0566i	-0.6020-0.5002i	0.9809+3.2886i	-0.5631-3.2298i
38.8	10.1708-2.2811i	-0.8041-0.7372i	-8.5170-0.6771i	-0.7475+3.1023i	1.6999+2.9847i	-0.5421-0.3412i	1.0449+3.2547i	-0.7029-3.2526i
38.9	10.1466-2.2812i	-0.8396-0.6976i	-8.4676-0.6238i	-0.6869+3.1067i	1.8086+2.9108i	-0.4764-0.2046i	1.1051+3.2066i	-0.8616-3.2808i
39.0	10.1393-2.2705i	-0.8741-0.7231i	-8.3848-0.5860i	-0.6065+3.0735i	1.9390+2.8122i	-0.3662-0.0690i	1.1893+3.1370i	-1.0657-3.3088i
39.1	10.1405-2.2322i	-0.8685-0.6451i	-8.3042-0.5345i	-0.5790+3.0761i	2.0166+2.7598i	-0.2991+0.0122i	1.2375+3.0766i	-1.1940-3.3356i
39.2	10.1511-2.1917i	-0.8834-0.5511i	-8.2155-0.4940i	-0.5254+3.0573i	2.1201+2.7048i	-0.2280+0.0666i	1.2868+3.0174i	-1.3777-3.3454i
39.3	10.1321-2.2462i	-0.9384-0.5597i	-8.1437-0.5271i	-0.4173+3.0702i	2.2279+2.6027i	-0.1328+0.1118i	1.3480+2.9895i	-1.5865-3.2768i
39.4	10.0794-2.2015i	-1.0333-0.5840i	-8.0906-0.5332i	-0.3630+3.0494i	2.3334+2.5471i	-0.0602+0.1454i	1.4239+2.9417i	-1.7938-3.2377i
39.5	10.0316-2.1489i	-0.9917-0.5659i	-7.9577-0.5550i	-0.2455+2.9795i	2.4623+2.4026i	0.0378+0.1480i	1.5189+2.8382i	-2.0399-3.0651i
39.6	9.9790-2.0424i	-0.9851-0.5545i	-7.8942-0.5660i	-0.1573+2.8722i	2.5434+2.2968i	0.0650+0.1584i	1.5811+2.7330i	-2.1776-2.9005i
39.7	10.0115-1.9366i	-1.0512-0.5193i	-7.8438-0.5906i	-0.1453+2.7644i	2.6411+2.1372i	0.1449+0.2060i	1.5891+2.6108i	-2.2945-2.6899i
39.8	10.0352-1.9014i	-1.1073-0.4565i	-7.7915-0.6220i	-0.1359+2.7318i	2.6753+1.9858i	0.2607+0.1965i	1.5820+2.5274i	-2.3828-2.5162i
39.9	10.0608-1.7617i	-1.0391-0.4063i	-7.6706-0.6195i	-0.1027+2.6123i	2.7217+1.8699i	0.3057+0.1713i	1.5880+2.3791i	-2.4993-2.3652i
40.0	10.0371-1.6307i	-1.1253-0.3698i	-7.6412-0.6354i	-0.0441+2.5136i	2.7607+1.7462i	0.3500+0.1420i	1.6188+2.2665i	-2.5780-2.2150i
40.1	10.1087-1.5641i	-1.1273-0.3444i	-7.6124-0.6692i	-0.0436+2.4465i	2.7646+1.6038i	0.3948+0.1060i	1.5960+2.2008i	-2.5898-2.0115i
40.2	10.2099-1.4643i	-1.0748-0.3287i	-7.5424-0.7221i	-0.0640+2.3791i	2.7714+1.4930i	0.4339+0.0759i	1.5569+2.1142i	-2.6084-1.8599i
40.3	10.3482-1.3715i	-1.1322-0.3410i	-7.4916-0.7322i	-0.1383+2.2980i	2.7739+1.3813i	0.4559+0.0383i	1.4839+2.0423i	-2.6275-1.7025i
40.4	10.3713-1.3400i	-1.1430-0.3691i	-7.4511-0.7712i	-0.1280+2.2645i	2.7277+1.2695i	0.4775-0.0028i	1.4721+2.0058i	-2.5512-1.5535i
40.5	10.4592-1.2572i	-1.1884-0.3356i	-7.4654-0.8023i	-0.1495+2.2093i	2.7335+1.1703i	0.4951-0.0302i	1.4317+1.9408i	-2.5759-1.4171i
40.6	10.6192-1.1914i	-1.2125-0.2739i	-7.4375-0.7733i	-0.2464+2.1632i	2.7507+1.0671i	0.5148-0.0515i	1.3601+1.8911i	-2.5992-1.2554i
40.7	10.7245-1.1283i	-1.1577-0.2283i	-7.3800-0.7740i	-0.2711+2.0940i	2.7033+0.9864i	0.5131-0.0679i	1.3058+1.8307i	-2.5024-1.1523i
40.8	10.8888-1.1143i	-1.2127-0.2794i	-7.3530-0.8763i	-0.3878+2.0080i	2.6766+0.8844i	0.5298-0.0909i	1.2130+1.7984i	-2.4499-1.0447i
40.9	10.9973-1.1982i	-1.2681-0.2063i	-7.3441-0.8655i	-0.4397+2.1133i	2.6507+0.7732i	0.5429-0.1326i	1.1616+1.8434i	-2.4116-0.9062i
41.0	11.1303-1.1568i	-1.2433-0.1892i	-7.3274-0.8859i	-0.4782+2.1084i	2.6029+0.7384i	0.5385-0.1624i	1.1111+1.8122i	-2.3478-0.8920i
41.1	11.2231-1.1881i	-1.2602-0.1944i	-7.3029-0.9499i	-0.5252+2.1590i	2.5407+0.6592i	0.5206-0.2024i	1.0720+1.8309i	-2.2959-0.8067i
41.2	11.2517-1.1616i	-1.2419-0.2028i	-7.3117-0.9365i	-0.5074+2.1166i	2.5146+0.6361i	0.5183-0.2174i	1.0591+1.8122i	-2.2790-0.8000i
41.3	11.3095-1.2060i	-1.1941-0.1234i	-7.2408-0.8963i	-0.4576+2.1693i	2.4743+0.5587i	0.5063-0.2331i	1.0615+1.8370i	-2.2450-0.6685i
41.4	11.4378-1.1492i	-1.2168-0.0769i	-7.1895-0.9070i	-0.5240+2.1149i	2.4590+0.5292i	0.5073-0.2467i	0.9992+1.7974i	-2.2035-0.6680i
41.5	11.4312-1.2371i	-1.2334-0.1011i	-7.2026-0.9274i	-0.4768+2.1678i	2.3764+0.4581i	0.4728-0.2853i	1.0235+1.8464i	-2.1447-0.5851i
41.6	11.5093-1.1133i	-1.2593-0.1631i	-7.2011-0.9309i	-0.5109+2.0418i	2.3650+0.4783i	0.4597-0.2957i	0.9933+1.7643i	-2.1295-0.5896i
41.7	11.7163-1.0329i	-1.2759-0.2131i	-7.1551-0.9689i	-0.6170+1.9420i	2.4029+0.4585i	0.4554-0.3249i	0.8807+1.7270i	-2.1629-0.5830i
41.8	11.7562-1.1728i	-1.2150-0.2050i	-7.1932-1.0221i	-0.5754+2.0531i	2.3361+0.3724i	0.4120-0.3377i	0.8922+1.8165i	-2.0693-0.4676i
41.9	11.8065-1.1753i	-1.2302-0.1969i	-7.1386-0.9992i	-0.5867+2.0969i	2.2943+0.3524i	0.3799-0.3317i	0.8880+1.8329i	-2.0509-0.4462i
42.0	11.8021-1.1518i	-1.2377-0.1699i	-7.1388-0.9743i	-0.5287+2.0770i	2.2709+0.3347i	0.3474-0.3068i	0.9080+1.8186i	-2.0035-0.3866i
42.1	11.8615-1.1274i	-1.2821-0.1534i	-7.1473-0.9472i	-0.5782+2.0396i	2.2648+0.3015i	0.3453-0.3017i	0.8747+1.8084i	-1.9176-0.3551i
42.2	11.9215-1.1838i	-1.2894-0.1345i	-7.1116-0.9275i	-0.5721+2.0704i	2.2368+0.2536i	0.3488-0.2953i	0.8691+1.8454i	-1.8425-0.3248i
42.3	12.0435-1.0491i	-1.2127-0.1225i	-7.0503-0.9173i	-0.5807+1.9891i	2.2023+0.2614i	0.3809-0.2756i	0.8466+1.7887i	-1.7765-0.4143i
42.4	12.1962-1.0123i	-1.3047-0.1171i	-7.0720-0.9374i	-0.7183+1.9935i	2.2328+0.2537i	0.3794-0.3044i	0.7626+1.7853i	-1.8634-0.4848i
42.5	12.2062-1.1471i	-1.3298-0.0919i	-7.0182-0.9759i	-0.6696+2.1295i	2.1863+0.1959i	0.3344-0.3223i	0.8102+1.8648i	-1.8955-0.4286i
42.6	12.2937-1.1859i	-1.2684-0.1550i	-6.9315-1.0028i	-0.6710+2.0980i	2.1599+0.1302i	0.3169-0.3086i	0.7858+1.8932i	-1.9150-0.2649i
42.7	12.3775-1.0750i	-1.3143-0.1270i	-6.9471-0.9298i	-0.7057+2.0046i	2.1336+0.1189i	0.3218-0.3022i	0.7625+1.8595i	-1.9094-0.2302i
42.8	12.5230-1.1258i	-1.3611-0.0714i	-6.9353-0.9286i	-0.7648+2.0660i	2.1446+0.0754i	0.3115-0.3017i	0.7085+1.8903i	-1.9276-0.1563i
42.9	12.6205-1.1401i	-1.3988-0.0345i	-6.9267-0.9317i	-0.8398+2.1217i	2.1261+0.0733i	0.3116-0.2878i	0.6843+1.9075i	-1.9174-0.1676i
43.0	12.7478-1.1640i	-1.3928+0.0424i	-6.8685-0.8637i	-0.8927+2.1790i	2.1095+0.0489i	0.3347-0.2857i	0.6625+1.9440i	-1.9457-0.1315i
43.1	12.8641-1.2776i	-1.3403-0.0422i	-6.8026-0.9659i	-0.9162+2.1784i	2.0664+0.0330i	0.3482-0.3010i	0.6596+1.9710i	-1.9231-0.0564i
43.2	12.8153-1.3428i	-1.2931+0.0884i	-6.8149-0.9190i	-0.8067+2.3135i	2.0220-0.0046i	0.3381-0.3139i	0.6964+2.0395i	-1.8635+0.0528i
43.3	12.7139-1.3387i	-1.2805+0.0926i	-6.8290-0.9182i	-0.6604+2.3304i	1.9582+0.0170i	0.3240-0.3182i	0.7808+2.0476i	-1.7006+0.0933i
43.4	12.7830-1.3546i	-1.3237+0.0007i	-6.8131-0.9502i	-0.6821+2.2898i	1.9585+0.0071i	0.3234-0.3332i	0.7631+2.0485i	-1.6298+0.1053i

43.5	12.9202-1.4160i	-1.3400+0.0275i	-6.7642-0.9241i	-0.7978+2.3490i	1.9805-0.0471i	0.3096-0.3605i	0.7050+2.1110i	-1.6318+0.1514i
43.6	13.0679-1.3365i	-1.3851+0.0188i	-6.7760-0.9129i	-0.8653+2.3032i	2.0123-0.0435i	0.2923-0.3745i	0.6427+2.0958i	-1.7449+0.1103i
43.7	13.1668-1.4277i	-1.3513+0.0613i	-6.7560-0.9054i	-0.8486+2.3934i	2.0084-0.0719i	0.2762-0.3848i	0.6229+2.1554i	-1.7618+0.1937i
43.8	13.1671-1.6043i	-1.3575+0.0989i	-6.7676-0.9020i	-0.7968+2.5505i	1.9773-0.1076i	0.2619-0.4006i	0.6515+2.2657i	-1.6664+0.2840i
43.9	12.9681-1.7854i	-1.3428+0.1168i	-6.7976-0.9172i	-0.6297+2.6926i	1.9176-0.1392i	0.2289-0.4066i	0.7950+2.3645i	-1.5218+0.3397i
44.0	12.9978-1.7330i	-1.3113+0.1583i	-6.7220-0.8254i	-0.5759+2.7146i	1.9434-0.1663i	0.2068-0.4197i	0.8008+2.3906i	-1.5795+0.3544i
44.1	13.0460-1.8016i	-1.3066+0.1011i	-6.5873-0.8706i	-0.5651+2.7092i	1.9383-0.2144i	0.1874-0.4361i	0.8283+2.4617i	-1.5454+0.4905i
44.2	12.7825-1.7226i	-1.2690+0.0930i	-6.6222-0.8774i	-0.3174+2.6488i	1.8597-0.2035i	0.1532-0.4194i	1.0079+2.4126i	-1.3093+0.3844i
44.3	12.7065-1.5356i	-1.3081+0.0518i	-6.6493-0.8409i	-0.2286+2.4861i	1.8145-0.1766i	0.1040-0.4179i	1.1269+2.3074i	-1.3250+0.2526i
44.4	12.6825-1.3607i	-1.2672+0.1263i	-6.6388-0.8174i	-0.1608+2.4226i	1.8088-0.1647i	0.0628-0.3795i	1.1637+2.2117i	-1.3726+0.2861i
44.5	12.8761-1.3362i	-1.2474+0.1402i	-6.5441-0.8078i	-0.2331+2.3961i	1.8350-0.1721i	0.0673-0.3609i	1.1076+2.1911i	-1.3988+0.3823i
44.6	12.8910-1.1820i	-1.1782+0.0141i	-6.4484-0.8304i	-0.1928+2.2619i	1.8185-0.1676i	0.0436-0.3635i	1.1422+2.1356i	-1.3201+0.3690i
44.7	12.9953-1.1257i	-1.1909-0.0560i	-6.4537-0.9289i	-0.1791+2.2225i	1.8119-0.1790i	0.0154-0.3229i	1.1129+2.0893i	-1.2714+0.4065i
44.8	13.2252-1.0222i	-1.2860-0.0572i	-6.4621-0.9073i	-0.3212+2.1532i	1.8704-0.1787i	0.0302-0.3193i	0.9671+2.0532i	-1.3449+0.3550i
44.9	13.2927-1.0435i	-1.3090-0.0031i	-6.5247-0.8892i	-0.3034+2.1867i	1.8620-0.2109i	0.0293-0.2953i	0.9940+2.0934i	-1.2995+0.3686i
45.0	13.3657-0.9328i	-1.2234-0.0674i	-6.4447-0.8428i	-0.2637+2.0339i	1.8585-0.1953i	0.0317-0.2944i	1.0045+2.0283i	-1.2603+0.2924i
45.1	13.4098-0.8774i	-1.2076-0.0012i	-6.3228-0.7792i	-0.2689+2.0452i	1.8526-0.2106i	-0.0005-0.2872i	1.0156+2.0270i	-1.2441+0.2848i
45.2	13.3517-0.7705i	-1.2691-0.0932i	-6.4229-0.8200i	-0.2108+1.9373i	1.8258-0.2073i	0.0046-0.2498i	1.0745+1.9879i	-1.2030+0.2705i
45.3	13.3704-0.7810i	-1.2799-0.0762i	-6.4335-0.8378i	-0.2021+2.0386i	1.7934-0.2525i	-0.0408-0.2012i	1.1303+2.0392i	-1.1514+0.3592i
45.4	13.5169-0.7445i	-1.2301-0.1265i	-6.3747-0.9122i	-0.2200+2.0342i	1.7952-0.2702i	-0.0414-0.1672i	1.1008+2.0295i	-1.1861+0.4098i
45.5	13.6916-0.6319i	-1.3050-0.1600i	-6.4449-0.8535i	-0.3023+1.9126i	1.8345-0.2658i	-0.0171-0.1725i	1.0111+1.9646i	-1.2080+0.4387i
45.6	13.8317-0.6739i	-1.3469-0.1507i	-6.3981-0.8544i	-0.3963+1.9171i	1.8547-0.2850i	-0.0225-0.1721i	0.9545+1.9898i	-1.1616+0.4395i
45.7	13.8334-0.6169i	-1.4652-0.0877i	-6.4430-0.7825i	-0.3888+1.9028i	1.8407-0.2887i	-0.0157-0.1567i	0.9775+1.9783i	-1.1132+0.3845i
45.8	13.8996-0.6424i	-1.5079-0.1618i	-6.4793-0.7835i	-0.3800+1.8918i	1.8183-0.3405i	-0.0211-0.1406i	0.9910+2.0420i	-1.0648+0.4428i
45.9	13.9608-0.6283i	-1.3737-0.1578i	-6.3594-0.7556i	-0.3217+1.8766i	1.8049-0.3644i	-0.0247-0.1305i	1.0134+2.0649i	-1.0246+0.4557i
46.0	14.0503-0.5930i	-1.2628-0.1051i	-6.2625-0.7422i	-0.3700+1.9092i	1.8213-0.3999i	-0.0421-0.1315i	0.9825+2.0763i	-1.0356+0.4659i
46.1	14.1493-0.5132i	-1.2439-0.1294i	-6.1713-0.7090i	-0.3721+1.8699i	1.8000-0.4297i	-0.0459-0.1034i	0.9928+2.0684i	-1.0184+0.4588i
46.2	14.2350-0.4036i	-1.2981-0.2158i	-6.2582-0.6497i	-0.3361+1.7559i	1.7811-0.4138i	-0.0095-0.0699i	1.0066+2.0140i	-1.0170+0.4263i
46.3	14.3527-0.3588i	-1.3403-0.2441i	-6.2969-0.6879i	-0.3506+1.7522i	1.7930-0.4111i	0.0088-0.0751i	0.9819+1.9843i	-0.9920+0.4305i
46.4	14.5472-0.4270i	-1.3712-0.2209i	-6.2079-0.6705i	-0.4406+1.8550i	1.8090-0.4783i	-0.0182-0.0708i	0.9238+2.0788i	-0.9932+0.4869i
46.5	14.5740-0.5055i	-1.3425-0.1469i	-6.1951-0.5898i	-0.4678+1.9491i	1.8078-0.5352i	-0.0322-0.0542i	0.9272+2.1508i	-0.9599+0.5288i
46.6	14.5267-0.4577i	-1.3214-0.2911i	-6.2279-0.6345i	-0.3816+1.8927i	1.7718-0.5460i	-0.0259-0.0226i	0.9842+2.1556i	-0.8887+0.4858i
46.7	14.6871-0.4022i	-1.3598-0.3326i	-6.2323-0.6214i	-0.4168+1.8430i	1.7697-0.5840i	-0.0142-0.0065i	0.9624+2.1897i	-0.9296+0.4793i
46.8	14.7808-0.3803i	-1.3568-0.3325i	-6.1587-0.6039i	-0.4053+1.8519i	1.7501-0.6089i	0.0154-0.0015i	0.9824+2.2110i	-0.9388+0.4969i
46.9	14.8201-0.3648i	-1.5272-0.4096i	-6.2439-0.6023i	-0.4588+1.8174i	1.7289-0.6219i	0.0341-0.0041i	1.0271+2.2048i	-0.9123+0.5138i
47.0	15.0053-0.3244i	-1.4587-0.5666i	-6.1436-0.6088i	-0.4378+1.7142i	1.7241-0.6546i	0.0322-0.0093i	1.0060+2.2318i	-0.9351+0.5507i
47.1	15.0699-0.2587i	-1.4568-0.5792i	-6.1354-0.5962i	-0.4076+1.6864i	1.7048-0.6701i	0.0441-0.0188i	1.0132+2.2091i	-0.8993+0.5898i
47.2	15.0978-0.1789i	-1.4338-0.5404i	-6.0986-0.5018i	-0.3458+1.6578i	1.6716-0.6773i	0.0628-0.0111i	1.0767+2.1729i	-0.8029+0.5939i
47.3	15.1342-0.0898i	-1.5871-0.4215i	-6.1786-0.3638i	-0.3838+1.6786i	1.6389-0.6863i	0.0489-0.0152i	1.1180+2.1596i	-0.7328+0.5814i
47.4	15.2643-0.0669i	-1.7073-0.4473i	-6.1217-0.3235i	-0.5173+1.6169i	1.6188-0.7009i	0.0231-0.0119i	1.1068+2.1761i	-0.7247+0.5414i
47.5	15.4109+0.0318i	-1.6794-0.5941i	-6.0400-0.3915i	-0.5033+1.4711i	1.6035-0.6860i	0.0592+0.0208i	1.1037+2.1391i	-0.7531+0.5176i
47.6	15.4603+0.0507i	-1.6391-0.5395i	-6.0921-0.4263i	-0.4803+1.5421i	1.6236-0.6735i	0.0957-0.0002i	1.0831+2.0863i	-0.7183+0.5248i
47.7	15.6279+0.1284i	-1.5651-0.4624i	-6.0079-0.2366i	-0.5870+1.5575i	1.6467-0.7170i	0.0614-0.0298i	1.0118+2.0963i	-0.7133+0.5084i
47.8	15.8077+0.0854i	-1.6701-0.4953i	-5.9533-0.1932i	-0.6153+1.5261i	1.6327-0.7483i	0.0489-0.0386i	0.9830+2.1459i	-0.7030+0.5208i
47.9	15.8426+0.0887i	-1.7896-0.4061i	-6.0586-0.0938i	-0.5933+1.6490i	1.6251-0.7891i	0.0475-0.0292i	0.9871+2.1812i	-0.6755+0.5256i
48.0	15.9994+0.2227i	-1.8159-0.5017i	-5.9705+0.0224i	-0.6996+1.5049i	1.6103-0.8008i	0.0445-0.0357i	0.9906+2.1481i	-0.6581+0.4637i
48.1	16.0978+0.2091i	-1.7858-0.6095i	-5.8834+0.0410i	-0.6858+1.4419i	1.5903-0.8348i	0.0432-0.0418i	1.0004+2.1727i	-0.6538+0.4631i
48.2	16.2116+0.2137i	-1.7037-0.6695i	-5.7684+0.0557i	-0.6761+1.4092i	1.5832-0.8742i	0.0180-0.0399i	0.9711+2.2494i	-0.6756+0.4836i
48.3	16.3510+0.2540i	-1.7191-0.6796i	-5.6607+0.2326i	-0.7305+1.3551i	1.5508-0.9146i	-0.0017-0.0194i	0.9800+2.3031i	-0.6978+0.4989i
48.4	16.4734+0.2815i	-1.9478-0.7207i	-5.7940+0.2157i	-0.7822+1.3549i	1.4862-0.9298i	0.0080+0.0054i	1.0417+2.2979i	-0.6826+0.5487i
48.5	16.5655+0.2486i	-1.8487-0.7004i	-5.6348+0.1504i	-0.7706+1.4719i	1.4664-0.9430i	0.0047+0.0127i	1.0624+2.3084i	-0.6324+0.5683i
48.6	16.7247+0.2726i	-1.9208-0.8578i	-5.4353+0.0024i	-0.7738+1.3917i	1.4048-0.9257i	0.0251+0.0424i	1.1132+2.3005i	-0.6218+0.5457i
48.7	16.8864+0.3652i	-2.3078-0.8384i	-5.5866+0.2220i	-0.9236+1.3977i	1.3646-0.9288i	0.0552+0.0352i	1.1337+2.2873i	-0.6084+0.5610i
48.8	16.9826+0.4111i	-2.1616-0.6757i	-5.6782+0.3167i	-0.9183+1.4336i	1.4135-0.9329i	0.0341-0.0258i	1.0594+2.2606i	-0.5894+0.5871i
48.9	17.0722+0.3881i	-2.0938-0.5621i	-5.5882+0.3613i	-0.9158+1.4676i	1.4160-0.9466i	-0.0105-0.0178i	1.0219+2.2892i	-0.5398+0.5969i
49.0	17.1455+0.3716i	-2.0580-0.6740i	-5.5566+0.4083i	-0.8503+1.4068i	1.3658-0.9527i	-0.0137+0.0091i	1.0693+2.2868i	-0.4660+0.5497i
49.1	17.2915+0.3342i	-2.1754-0.7031i	-5.5077+0.4202i	-0.9490+1.4172i	1.3585-0.9528i	-0.0078+0.0143i	1.0745+2.2868i	-0.4653+0.5231i
49.2	17.3532+0.4015i	-2.1751-0.6370i	-5.4757+0.4126i	-0.9382+1.4212i	1.3381-0.9610i	-0.0072+0.0343i	1.0917+2.3012i	-0.4494+0.4964i
49.3	17.4818+0.4030i	-2.0535-0.5011i	-5.3383+0.4694i	-0.9274+1.4882i	1.3362-0.9497i	0.0052+0.0278i	1.0933+2.2924i	-0.4643+0.4745i
49.4	17.5727+0.3977i	-2.3354-0.4929i	-5.3414+0.4855i	-1.0123+1.5278i	1.3054-0.9404i	0.0022+0.0192i	1.1161+2.2893i	-0.4589+0.4870i
49.5	17.6733+0.5281i	-2.2628-0.7647i	-5.3235+0.5508i	-0.9968+1.4012i	1.3100-0.9586i	-0.0271+0.0095i	1.0906+2.2581i	-0.4342+0.4853i
49.6	17.9097+0.5362i	-2.2939-0.8679i	-5.1093+0.5980i	-1.0709+1.3489i	1.3028-0.9716i	-0.0440+0.0480i	1.0673+2.2969i	-0.4555+0.4767i
49.7	17.9086+0.4775i	-2.2378-0.7328i	-5.1238+0.5479i	-0.9637+1.4282i	1.2610-0.9630i	-0.0307+0.0824i	1.1199+2.3233i	-0.4311+0.5000i

49.8	17.9789+0.4662i	-2.2863-0.5489i	-5.1096+0.6432i	-0.9760+1.4920i	1.2436-0.9398i	-0.0075+0.0652i	1.1587+2.2987i	-0.4079+0.5240i
49.9	18.2897+0.4827i	-2.4754-0.4360i	-4.9822+0.8200i	-1.1735+1.5502i	1.2537-0.9289i	-0.0524+0.0358i	1.1044+2.2599i	-0.3323+0.4980i
50.0	18.2876+0.5471i	-2.2857-0.8766i	-5.0569+0.7568i	-1.0531+1.3831i	1.2700-0.9980i	-0.0697+0.0659i	1.0694+2.3026i	-0.3247+0.4453i
50.1	18.4050+0.6160i	-2.2786-0.8093i	-5.1517+0.8505i	-1.0711+1.4012i	1.2902-1.0043i	-0.0795+0.0706i	1.0299+2.2971i	-0.3304+0.4288i
50.2	18.4857+0.6747i	-2.1234-0.8855i	-5.0693+0.9510i	-1.0092+1.3096i	1.3163-1.0280i	-0.0870+0.0641i	0.9872+2.3041i	-0.3431+0.4150i
50.3	18.7038+0.6859i	-2.0941-0.8509i	-5.1562+0.9942i	-1.1523+1.3409i	1.3092-1.0455i	-0.0827+0.0630i	0.9400+2.3494i	-0.3539+0.4198i
50.4	18.8127+0.5898i	-2.4811-0.9977i	-5.0873+0.8730i	-1.1976+1.3382i	1.2843-1.0550i	-0.0987+0.0729i	0.9556+2.3749i	-0.3186+0.4275i
50.5	18.9436+0.6674i	-2.2636-0.8158i	-4.7425+1.2081i	-1.1053+1.3495i	1.2779-1.0905i	-0.1330+0.0669i	0.9654+2.4306i	-0.2631+0.4048i
50.6	19.0911+0.6820i	-2.4455-0.6403i	-4.7013+1.4245i	-1.2622+1.4377i	1.2712-1.1203i	-0.1808+0.0916i	0.9361+2.4881i	-0.2579+0.3562i
50.7	19.1696+0.6627i	-2.4733-0.7609i	-4.7875+1.4432i	-1.2584+1.5042i	1.2650-1.1678i	-0.1818+0.1501i	0.9719+2.5465i	-0.2860+0.3187i
50.8	19.4229+0.6378i	-2.4522-0.9834i	-4.5554+1.3294i	-1.3740+1.4726i	1.2163-1.2052i	-0.1888+0.1929i	0.9957+2.5960i	-0.3559+0.3315i
50.9	19.5660+0.7923i	-2.4344-1.2680i	-4.5381+1.5497i	-1.3375+1.3720i	1.1840-1.2781i	-0.1832+0.2239i	0.9870+2.6630i	-0.3810+0.3996i
51.0	19.6384+0.7465i	-2.4611-1.1356i	-4.4843+1.6653i	-1.2747+1.4068i	1.1442-1.2724i	-0.1801+0.2642i	1.0363+2.6917i	-0.3209+0.3740i
51.1	19.8000+0.7106i	-2.4801-1.1649i	-4.4846+1.6898i	-1.3474+1.3629i	1.1495-1.2718i	-0.1542+0.2343i	1.0014+2.7118i	-0.3285+0.4341i
51.2	19.9680+0.6425i	-2.8173-1.1285i	-4.4622+1.8159i	-1.4399+1.4034i	1.0950-1.3204i	-0.2609+0.2055i	0.9915+2.7842i	-0.2029+0.4851i
51.3	20.0637+0.6606i	-2.6262-1.1451i	-4.1261+1.6788i	-1.4306+1.5048i	1.0654-1.2887i	-0.2596+0.3705i	1.0591+2.7916i	-0.2032+0.3169i
51.4	20.2199+0.8433i	-2.7472-1.5071i	-3.8518+1.8676i	-1.4730+1.4150i	0.9814-1.3326i	-0.1404+0.4754i	1.1442+2.8488i	-0.2892+0.3051i
51.5	20.3537+0.8067i	-2.9378-1.7566i	-3.9191+1.9357i	-1.4789+1.3372i	0.9261-1.3688i	-0.0736+0.4566i	1.1840+2.9018i	-0.3138+0.3814i
51.6	20.3962+0.6736i	-3.1953-1.6795i	-4.0460+1.8796i	-1.4136+1.5261i	0.8982-1.3820i	-0.0715+0.3918i	1.2236+2.9586i	-0.2628+0.4359i
51.7	20.6028+0.8503i	-3.1947-1.5965i	-3.7761+2.2791i	-1.4309+1.4789i	0.8468-1.3669i	-0.0952+0.4513i	1.2777+2.9735i	-0.2403+0.3787i
51.8	20.6968+0.9485i	-3.0575-1.6796i	-3.7699+2.5716i	-1.4634+1.3815i	0.8524-1.4027i	-0.1195+0.4945i	1.2768+2.9934i	-0.2321+0.3673i
51.9	20.8522+0.8437i	-3.1937-1.8577i	-3.5979+2.4540i	-1.4937+1.3907i	0.8375-1.4074i	-0.1033+0.5019i	1.2774+2.9660i	-0.2040+0.3779i
52.0	20.9996+0.8550i	-3.1483-1.9541i	-3.4539+2.3586i	-1.4662+1.4008i	0.8325-1.4030i	-0.0852+0.5211i	1.2845+2.9943i	-0.1712+0.3741i
52.1	21.0980+0.8002i	-3.3823-1.7843i	-3.6437+2.4207i	-1.4608+1.5073i	0.8204-1.3821i	-0.0798+0.5278i	1.3263+3.0292i	-0.1648+0.3694i
52.2	21.1444+0.7786i	-3.7451-1.4534i	-3.7808+2.9654i	-1.5768+1.5525i	0.7852-1.3905i	-0.1051+0.5188i	1.3643+3.0807i	-0.1079+0.3855i
52.3	21.2603+0.7721i	-3.4467-1.3361i	-3.2946+3.1020i	-1.5588+1.5684i	0.7806-1.3838i	-0.1565+0.5743i	1.3739+3.0715i	-0.0272+0.3311i
52.4	21.5663+0.8294i	-3.6233-1.7299i	-2.7705+3.0384i	-1.6158+1.5051i	0.6912-1.3891i	-0.0456+0.6916i	1.4459+3.1160i	-0.0576+0.2492i
52.5	21.6984+0.9736i	-3.5976-1.9027i	-2.6642+3.4371i	-1.6532+1.4428i	0.6664-1.4572i	-0.0143+0.7075i	1.4550+3.2041i	-0.0305+0.2467i
52.6	21.8831+0.8732i	-3.5535-1.9357i	-2.1853+3.4173i	-1.6930+1.4589i	0.6419-1.4711i	-0.0073+0.7514i	1.4565+3.2546i	0.0065+0.1626i
52.7	22.0429+0.8083i	-3.5175-2.1381i	-1.8048+3.2962i	-1.6684+1.4457i	0.6004-1.4610i	0.0615+0.7993i	1.5432+3.2612i	-0.0608+0.0992i
52.8	22.1867+0.7646i	-3.9918-2.1925i	-1.7669+3.2291i	-1.6936+1.5466i	0.4879-1.4597i	0.2091+0.8032i	1.7173+3.3416i	-0.1613+0.0918i
52.9	22.3368+0.7949i	-4.4254-2.5032i	-1.5715+3.1136i	-1.7972+1.5694i	0.4152-1.4598i	0.3074+0.8225i	1.7815+3.3779i	-0.1991+0.1117i
53.0	22.4815+0.7471i	-5.0769-2.6538i	-1.6234+2.8465i	-1.8038+1.5767i	0.3529-1.4091i	0.4774+0.7375i	1.9121+3.3469i	-0.1983+0.1938i
53.1	22.5441+0.5774i	-5.2443-2.4338i	-1.6887+2.7769i	-1.8355+1.6566i	0.3749-1.4082i	0.4707+0.6582i	1.9035+3.3294i	-0.1605+0.1873i
53.2	22.6531+0.7726i	-4.9846-2.3772i	-1.4554+3.2657i	-1.7902+1.6094i	0.3861-1.4561i	0.4110+0.6139i	1.9136+3.3838i	-0.0812+0.1605i
53.3	22.8468+0.7444i	-5.2889-2.1365i	-1.2351+3.5030i	-1.7695+1.5845i	0.3173-1.4089i	0.3747+0.5539i	2.0337+3.3460i	-0.0790+0.1064i
53.4	23.0101+0.8755i	-5.2002-1.8555i	-0.7630+3.8480i	-1.7613+1.5417i	0.2904-1.3797i	0.3371+0.5842i	2.1061+3.3114i	-0.1119+0.0969i
53.5	22.9985+0.9271i	-5.1941-1.9254i	-0.5087+3.7577i	-1.7745+1.5270i	0.2639-1.3881i	0.3846+0.6673i	2.1666+3.2925i	-0.1559+0.0641i
53.6	23.1562+0.9602i	-5.4776-2.0214i	-0.2346+3.6459i	-1.8705+1.5520i	0.2371-1.3470i	0.4655+0.6222i	2.1927+3.1984i	-0.1597+0.0855i
53.7	23.5975+0.6944i	-5.5758-2.3398i	0.0861+3.0911i	-1.9435+1.6112i	0.2189-1.3640i	0.4771+0.6058i	2.1915+3.2426i	-0.1723+0.0153i
53.8	23.6819+0.6547i	-6.0752-2.2432i	-0.1172+3.2777i	-1.9519+1.5856i	0.1290-1.3763i	0.5521+0.5735i	2.2515+3.2960i	-0.2252+0.0514i
53.9	23.8755+0.7057i	-6.5462-1.9823i	0.0312+3.7748i	-1.9925+1.6504i	0.0676-1.3804i	0.5337+0.4658i	2.2734+3.3669i	-0.1553+0.1135i
54.0	24.0476+0.5604i	-6.5712-1.5690i	0.7208+4.0391i	-1.9936+1.8050i	-0.0184-1.3416i	0.5161+0.4914i	2.4303+3.4118i	-0.0959+0.0293i
54.1	23.9976+0.4556i	-6.3791-1.6339i	0.9739+3.9461i	-1.8783+1.8190i	-0.0387-1.3542i	0.5278+0.5212i	2.5494+3.4331i	-0.1305-0.0622i
54.2	24.0871+0.3921i	-6.6698-1.7917i	1.3732+3.3788i	-1.8412+1.7553i	-0.1148-1.2840i	0.6299+0.4706i	2.6799+3.3450i	-0.2115-0.0339i
54.3	24.1997+0.4110i	-6.9000-1.5122i	1.4219+3.5522i	-1.8672+1.7445i	-0.1250-1.2316i	0.6102+0.3368i	2.7246+3.2571i	-0.1721+0.0076i
54.4	24.2824+0.5343i	-6.5818-1.3904i	2.0556+3.5483i	-1.8212+1.6516i	-0.0776-1.2207i	0.4654+0.3113i	2.7236+3.1845i	-0.1480-0.0288i
54.5	24.5303+0.6425i	-6.6758-1.2466i	2.7513+3.7365i	-1.9172+1.5709i	-0.1932-1.1701i	0.4400+0.3360i	2.8847+3.1351i	-0.1800-0.0876i
54.6	24.6806+0.6264i	-6.5331-1.3607i	3.3350+3.4514i	-1.9119+1.5639i	-0.2206-1.1277i	0.4300+0.4116i	2.9369+3.0734i	-0.2278-0.1039i
54.7	24.7030+0.5859i	-6.7717-1.4575i	3.2188+3.0510i	-1.8963+1.6090i	-0.2472-1.0885i	0.5004+0.4403i	2.9901+3.0230i	-0.2964-0.0741i
54.8	24.8449+0.4894i	-7.0564-1.2634i	3.2420+2.6625i	-1.8784+1.6341i	-0.2100-1.0357i	0.5477+0.3191i	2.9954+2.9424i	-0.3188+0.0047i
54.9	25.0261+0.5997i	-7.2963-0.9396i	3.6165+2.9288i	-1.9754+1.6497i	-0.2323-1.0203i	0.4410+0.2407i	3.0418+2.9449i	-0.2649+0.0281i
55.0	25.0818+0.5571i	-7.2224-0.9523i	3.9494+2.4239i	-1.9547+1.6414i	-0.2783-0.9852i	0.3837+0.3056i	3.1218+2.9058i	-0.2539-0.0085i
55.1	25.2866+0.5801i	-7.4116-0.9051i	3.9635+2.1217i	-2.0210+1.5851i	-0.3021-0.9377i	0.3836+0.3395i	3.1598+2.8250i	-0.2591-0.0189i
55.2	25.3951+0.5590i	-7.6167-0.9196i	4.0499+1.7036i	-2.0460+1.5550i	-0.3259-0.8737i	0.3884+0.3378i	3.1860+2.7085i	-0.2438-0.0199i
55.3	25.5876+0.6012i	-7.7088-0.9133i	4.4931+1.4614i	-2.1138+1.5518i	-0.3137-0.8146i	0.3803+0.3796i	3.1534+2.5882i	-0.2405-0.0672i
55.4	25.7016+0.6154i	-7.8836-0.8238i	4.4804+1.4220i	-2.1638+1.5354i	-0.3230-0.7514i	0.4302+0.4090i	3.1595+2.4869i	-0.2695-0.0869i
55.5	25.7073+0.6372i	-8.5032-0.7689i	3.7632+1.3382i	-2.2035+1.5434i	-0.3305-0.7404i	0.4732+0.3596i	3.1477+2.4582i	-0.2916-0.0613i
55.6	25.9314+0.5042i	-8.3656-0.4949i	3.9194+1.0559i	-2.2156+1.6322i	-0.2926-0.7220i	0.3927+0.3207i	3.1154+2.4591i	-0.3073-0.0578i
55.7	25.9969+0.4097i	-8.3003-0.3656i	4.3105+0.8698i	-2.1825+1.6509i	-0.3043-0.6889i	0.3498+0.3513i	3.1205+2.4249i	-0.3070-0.0753i
55.8	26.1979+0.5589i	-8.5233-0.2830i	4.4922+0.9700i	-2.2216+1.6181i	-0.3140-0.6453i	0.3658+0.3775i	3.1131+2.3670i	-0.3053-0.0870i
55.9	26.3250+0.5469i	-8.5036-0.0001i	4.7289+0.6994i	-2.2153+1.6478i	-0.2663-0.5933i	0.3740+0.4076i	3.0988+2.3507i	-0.3509-0.0917i
56.0	26.4036+0.4081i	-8.7130-0.1399i	4.5614+0.1496i	-2.2402+1.6869i	-0.2441-0.5491i	0.4353+0.4207i	3.0868+2.3201i	-0.3751-0.0829i

56.1	26.4806+0.2856i	-9.0469+0.2172i	4.1510+0.2427i	-2.3221+1.7242i	-0.2281-0.5220i	0.4196+0.2994i	3.0493+2.3127i	-0.3887-0.0447i
56.2	26.6542+0.2636i	-9.1852+0.2527i	4.3685+0.0689i	-2.3457+1.7998i	-0.2576-0.5085i	0.3592+0.3244i	3.0757+2.3109i	-0.3811-0.0559i
56.3	27.0823+0.2086i	-9.2342+0.4232i	5.1566-0.3178i	-2.4633+1.7822i	-0.2465-0.4641i	0.3544+0.3518i	3.0564+2.2576i	-0.3813-0.0488i
56.4	27.1282+0.3220i	-9.1366+0.4027i	5.2611-0.3116i	-2.3550+1.7199i	-0.2355-0.4396i	0.3642+0.3730i	3.0864+2.1976i	-0.3802-0.0349i
56.5	27.1773+0.4273i	-9.1466+0.5138i	5.2482-0.0969i	-2.3063+1.7618i	-0.2061-0.4344i	0.3631+0.4023i	3.1186+2.1694i	-0.3689-0.0138i
56.6	27.2786+0.4893i	-9.4558+0.5188i	5.2808-0.0671i	-2.3814+1.7957i	-0.2119-0.4081i	0.3827+0.4103i	3.1061+2.1291i	-0.3694-0.0105i
56.7	27.1474+0.4755i	-9.6147+0.6605i	4.9955-0.0137i	-2.3760+1.8023i	-0.2111-0.3746i	0.3958+0.4436i	3.1206+2.1027i	-0.3613-0.0113i
56.8	27.4391+0.5594i	-9.7875+0.7030i	5.2297-0.2951i	-2.4310+1.6784i	-0.1775-0.3512i	0.4001+0.4647i	3.1005+2.0732i	-0.3470-0.0211i
56.9	27.7064+0.4926i	-9.9048+0.7503i	5.3173-0.5501i	-2.4315+1.6755i	-0.1595-0.3387i	0.4021+0.4714i	3.0871+2.0634i	-0.3516-0.0284i
57.0	27.8160+0.5713i	-10.1308+1.0444i	5.2648-0.4298i	-2.4922+1.7129i	-0.1599-0.3200i	0.4380+0.4859i	3.0974+2.0480i	-0.3507-0.0436i
57.1	28.0674+0.5448i	-10.3227+1.2785i	5.3724-0.5561i	-2.5206+1.7702i	-0.1311-0.3069i	0.4822+0.4665i	3.0735+2.0272i	-0.3561-0.0515i
57.2	28.3893+0.3672i	-10.5481+1.7421i	5.8218-0.7016i	-2.6449+1.8328i	-0.0976-0.3000i	0.4605+0.3963i	3.0309+2.0162i	-0.3630-0.0348i
57.3	28.3823+0.4577i	-10.6507+1.8557i	5.8240-0.3506i	-2.6636+1.8322i	-0.1112-0.2875i	0.4374+0.4170i	3.0644+1.9988i	-0.3498-0.0366i
57.4	28.5953+0.5250i	-10.9321+2.0033i	6.2798-0.4225i	-2.7437+1.8494i	-0.1050-0.2594i	0.4327+0.4147i	3.0128+1.9602i	-0.3419-0.0616i
57.5	28.8143+0.6337i	-11.2050+2.1337i	6.4097-0.3399i	-2.7558+1.8994i	-0.1061-0.2482i	0.4446+0.4459i	3.0492+1.9614i	-0.3428-0.0674i
57.6	29.0153+0.4788i	-11.5621+2.3955i	6.4520-0.4688i	-2.8782+1.9980i	-0.0931-0.2409i	0.4314+0.4758i	3.0639+1.9576i	-0.3329-0.0841i
57.7	29.0891+0.5286i	-11.6715+2.6245i	6.5631-0.8009i	-2.8784+1.9276i	-0.0642-0.2225i	0.4406+0.4533i	3.0787+1.9652i	-0.3690-0.0915i
57.8	29.2228+0.4115i	-11.9043+3.0286i	6.7059-1.0669i	-2.8564+2.0325i	-0.0514-0.2256i	0.4502+0.4642i	3.0646+1.9632i	-0.3912-0.0981i
57.9	29.4898+0.3097i	-11.7818+3.5374i	7.1899-1.5023i	-2.8807+2.0892i	-0.0432-0.2161i	0.4415+0.4684i	3.0528+1.9488i	-0.3993-0.1231i
58.0	29.5545+0.4607i	-12.0503+3.8661i	7.3928-1.3063i	-2.9750+2.0652i	-0.0466-0.2047i	0.4409+0.4528i	3.0512+1.9190i	-0.4055-0.1372i
58.1	29.9965+0.4289i	-12.3931+4.3339i	7.4029-1.5031i	-3.0097+2.0896i	-0.0297-0.1837i	0.4638+0.4718i	3.1069+1.9219i	-0.4328-0.1137i
58.2	30.0808+0.3569i	-12.5427+4.8535i	7.3810-1.6471i	-3.0124+2.2187i	-0.0022-0.1878i	0.4748+0.4928i	3.1015+1.9161i	-0.4646-0.1020i
58.3	30.1868+0.3515i	-12.7883+5.1858i	7.4312-1.7862i	-3.0346+2.2659i	0.0223-0.1827i	0.4829+0.4956i	3.1210+1.9167i	-0.4901-0.1067i
58.4	30.3162+0.2928i	-12.8679+5.9895i	7.5405-2.0116i	-3.0255+2.3297i	0.0388-0.1680i	0.4757+0.4922i	3.1327+1.8783i	-0.5149-0.1142i
58.5	30.3655+0.2123i	-12.8108+6.7411i	7.5486-2.0286i	-3.1635+2.4177i	0.0355-0.1658i	0.4766+0.5177i	3.1165+1.8592i	-0.5405-0.1029i
58.6	30.5562+0.0621i	-12.9401+7.9003i	7.5421-2.0204i	-3.2030+2.6178i	0.0321-0.1575i	0.4943+0.5213i	3.1680+1.8649i	-0.5573-0.0743i
58.7	30.6610+0.0754i	-12.9205+8.6294i	7.3917-2.0432i	-3.2626+2.7265i	0.0451-0.1582i	0.4990+0.5271i	3.2468+1.8727i	-0.5548-0.0522i
58.8	30.6081+0.0123i	-12.5557+9.4888i	7.6271-2.3626i	-3.1602+2.8366i	0.0639-0.1652i	0.5016+0.5609i	3.2534+1.8480i	-0.5454-0.0303i
58.9	30.6622+0.0958i	-12.2210+10.4361i	7.6500-2.4274i	-3.0920+2.9615i	0.0656-0.1574i	0.5167+0.5620i	3.2403+1.8237i	-0.5711-0.0208i
59.0	30.8749-0.0315i	-11.2238+11.4856i	7.7622-2.8542i	-2.9281+3.1304i	0.0956-0.1566i	0.5329+0.5615i	3.2695+1.7834i	-0.5538-0.0163i
59.1	30.8267-0.0823i	-10.1218+12.6336i	7.7554-2.8181i	-2.7859+3.2872i	0.1038-0.1566i	0.5388+0.5659i	3.3014+1.7187i	-0.5275-0.0189i
59.2	30.8714-0.0684i	-8.6327+13.6597i	7.7847-2.7189i	-2.6347+3.4479i	0.0843-0.1636i	0.5701+0.5644i	3.2934+1.6427i	-0.5521-0.0230i
59.3	30.9128-0.0921i	-6.9302+14.5925i	7.8306-2.4482i	-2.4203+3.7699i	0.0858-0.1572i	0.5845+0.5673i	3.3437+1.5606i	-0.5668-0.0074i
59.4	31.1828-0.1081i	-4.6073+14.5173i	8.1996-2.6422i	-2.0737+3.7902i	0.0813-0.1381i	0.6012+0.5543i	3.3029+1.5166i	-0.5405-0.0395i
59.5	31.2536+0.2937i	-2.6488+13.9096i	8.1718-1.8486i	-1.7463+3.6314i	0.0665-0.1501i	0.6245+0.5601i	3.2808+1.4202i	-0.5332-0.0169i
59.6	31.2663+0.5971i	-0.9984+12.5377i	8.7217-1.4551i	-1.5253+3.3007i	0.0671-0.1446i	0.6243+0.5594i	3.2066+1.3633i	-0.5509+0.0079i
59.7	31.3685+0.7946i	0.1953+10.3675i	8.8482-1.4379i	-1.3208+3.0918i	0.0589-0.1168i	0.6358+0.5567i	3.1695+1.3797i	-0.5671-0.0098i
59.8	31.7002+0.9104i	0.9772+8.5736i	9.4717-1.5446i	-1.1668+2.8541i	0.0711-0.0988i	0.6475+0.5582i	3.1329+1.3977i	-0.5825+0.0035i
59.9	32.5539+0.2820i	2.2363+5.7246i	10.9326-2.4081i	0.0095+0.8739i	0.0862-0.0650i	0.6411+0.5360i	3.0904+1.3674i	-0.5933+0.0165i
60.0	33.4394-0.4208i	3.4306+2.6106i	12.4401-3.2476i	1.5458-1.1437i	0.0755-0.0152i	0.6640+0.5131i	3.0410+1.3153i	-0.5676-0.0405i
60.1	33.9661+0.1947i	2.6929+1.5609i	13.3400-2.9530i	1.5349-0.4397i	0.1015-0.0327i	0.6427+0.5251i	3.0035+1.3482i	-0.5726-0.0231i
60.2	32.8556+1.1025i	-0.5929+3.1922i	11.7042-1.9408i	-1.2626+1.9452i	0.1310-0.0381i	0.6488+0.5370i	2.9961+1.4051i	-0.6594-0.0179i
60.3	33.1808+1.0418i	-1.1940+2.7144i	12.1176-2.0763i	-1.3376+1.8213i	0.1405-0.0344i	0.6694+0.5389i	3.0097+1.3897i	-0.6756+0.0249i
60.4	33.4806+0.9226i	-1.8868+2.2407i	12.5407-2.7426i	-1.4740+1.6214i	0.1463-0.0285i	0.6826+0.5370i	2.9871+1.4239i	-0.6896+0.0343i
60.5	33.7153+0.9769i	-2.7424+1.5173i	13.0192-2.7958i	-1.6332+1.5583i	0.1533-0.0303i	0.6919+0.5432i	2.9828+1.4394i	-0.6799+0.0562i
60.6	33.8718+1.2703i	-3.3174+1.3498i	13.2059-2.1184i	-1.6778+1.4804i	0.1661-0.0200i	0.7003+0.5450i	3.0274+1.4257i	-0.6747+0.0858i
60.7	34.1622+1.4378i	-3.9472+1.2867i	13.5964-2.4067i	-1.8121+1.4489i	0.1815-0.0141i	0.7136+0.5424i	3.0132+1.4311i	-0.7081+0.1059i
60.8	34.4191+1.2373i	-4.5905+1.1804i	14.1078-3.0740i	-1.9684+1.5038i	0.2017-0.0095i	0.7045+0.5368i	3.0371+1.4163i	-0.7169+0.1431i
60.9	34.6093+1.2002i	-5.1170+0.9501i	14.6316-3.3974i	-2.0745+1.4156i	0.2079-0.0102i	0.6980+0.5334i	3.0336+1.3961i	-0.7194+0.1586i
61.0	34.6757+1.1561i	-5.2920+0.6338i	14.7281-3.9348i	-2.0830+1.2905i	0.2180-0.0036i	0.7091+0.5449i	3.0241+1.4001i	-0.7359+0.1725i
61.1	35.0477+1.1901i	-5.7887+0.6752i	15.3680-4.2512i	-2.2338+1.1748i	0.2296-0.0099i	0.7099+0.5640i	3.0213+1.3857i	-0.7197+0.1922i
61.2	35.2202+1.1748i	-6.2809+0.8101i	15.7363-4.5235i	-2.3813+1.2435i	0.2273-0.0146i	0.7321+0.5657i	3.0281+1.3866i	-0.6996+0.2311i
61.3	35.2537+1.1632i	-6.5013+0.4455i	15.8236-4.5601i	-2.5191+1.2892i	0.2267-0.0022i	0.7600+0.5508i	3.0488+1.3709i	-0.6933+0.2501i
61.4	35.6835+1.3885i	-6.8446+0.7832i	16.4567-4.9085i	-2.5656+1.2632i	0.2373-0.0047i	0.7893+0.5575i	3.0346+1.3663i	-0.6633+0.2479i
61.5	36.0344+1.4281i	-7.3942+0.6318i	17.4173-4.6253i	-2.6064+1.1984i	0.2485+0.0011i	0.7791+0.5554i	3.0244+1.3301i	-0.6249+0.2630i
61.6	36.2446+1.3990i	-7.8459+0.6047i	18.0574-4.9433i	-2.7361+1.1434i	0.2672+0.0058i	0.7708+0.5498i	3.0138+1.3114i	-0.6156+0.2856i
61.7	36.5480+1.2973i	-8.1713+0.7865i	18.4332-5.6204i	-2.8105+1.2589i	0.2779+0.0076i	0.7760+0.5409i	3.0041+1.3301i	-0.6068+0.3234i
61.8	36.8099+1.4515i	-9.1014+0.8733i	19.6174-5.7456i	-2.8598+1.3300i	0.2952+0.0212i	0.7571+0.5375i	2.9609+1.3252i	-0.5952+0.3408i
61.9	37.0232+1.3384i	-9.3163+0.6186i	20.4916-7.2084i	-2.9051+1.2428i	0.3084+0.0055i	0.7757+0.5504i	2.9552+1.3116i	-0.5697+0.3178i
62.0	37.3466+1.4648i	-9.3237+0.1719i	20.9963-7.1888i	-3.0282+1.2129i	0.3145+0.0051i	0.7781+0.5457i	2.9857+1.2852i	-0.5186+0.3016i
62.1	37.5516+1.5114i	-9.5604+0.5012i	21.4180-7.5407i	-3.0648+1.1846i	0.3249+0.0025i	0.7632+0.5862i	2.9758+1.2958i	-0.4849+0.2796i
62.2	37.6521+1.4946i	-10.0595+1.0377i	21.9843-7.9243i	-3.0623+1.3299i	0.3308+0.0048i	0.7853+0.5750i	2.9532+1.2390i	-0.4821+0.2863i
62.3	38.0761+1.5522i	-10.2671+0.8915i	22.9402-8.6527i	-3.0831+1.3751i	0.3455+0.0008i	0.7819+0.5772i	2.9594+1.2389i	-0.4521+0.2884i

62.4	38.4931+1.3177i	-10.4896+0.5993i	23.7205-9.7712i	-3.1842+1.5006i	0.3488-0.0128i	0.7641+0.5896i	2.9420+1.2352i	-0.4451+0.2870i
62.5	38.8557+1.3383i	-10.9327+0.2054i	24.1268-10.7528i	-3.3099+1.3475i	0.3521-0.0149i	0.7642+0.6050i	2.9376+1.2228i	-0.4396+0.2549i
62.6	39.1872+1.3709i	-11.6865-0.0128i	24.8644-11.0118i	-3.5024+1.3012i	0.3642-0.0092i	0.7756+0.6091i	2.9434+1.2192i	-0.4234+0.2342i
62.7	39.6432+1.2982i	-12.3990+0.5454i	26.4914-12.3138i	-3.5619+1.3413i	0.3788-0.0143i	0.7839+0.6408i	2.9228+1.2113i	-0.4196+0.1786i
62.8	39.5850+1.3134i	-13.0830+0.2977i	26.4011-13.5994i	-3.5259+1.4072i	0.3694-0.0272i	0.7908+0.6417i	2.8819+1.1953i	-0.4238+0.1725i
62.9	39.8752+1.2481i	-14.1999+0.1940i	26.6722-13.8950i	-3.6837+1.4382i	0.3724-0.0068i	0.7988+0.6499i	2.8772+1.1713i	-0.4202+0.1336i
63.0	40.5317+1.2448i	-13.8797+0.5674i	28.2578-15.1829i	-3.6973+1.5088i	0.3826-0.0069i	0.8125+0.6444i	2.8890+1.1840i	-0.4041+0.1280i
63.1	40.8533+1.3775i	-14.3325+1.0012i	29.4716-16.5583i	-3.7629+1.5124i	0.3908-0.0165i	0.8189+0.6731i	2.8475+1.2090i	-0.4351+0.1057i
63.2	41.2549+1.2207i	-14.7497+1.2612i	30.8987-18.1288i	-3.7979+1.6530i	0.4096-0.0219i	0.8107+0.6878i	2.8373+1.1944i	-0.4119+0.0779i
63.3	41.5552+1.1003i	-15.7851+2.1274i	31.9659-19.7421i	-3.8787+1.6284i	0.4213-0.0231i	0.8350+0.7117i	2.7828+1.1944i	-0.4380+0.0633i
63.4	41.9120+1.1917i	-17.0545+1.7198i	32.1616-20.7558i	-3.9868+1.6276i	0.4194-0.0274i	0.8606+0.7361i	2.7589+1.1872i	-0.4916+0.0522i
63.5	42.3886+1.0429i	-18.0398+1.4554i	32.1606-22.6074i	-3.9401+1.6597i	0.4259-0.0273i	0.9025+0.7485i	2.7687+1.2279i	-0.5480+0.0604i
63.6	42.5823+0.8407i	-17.8655+2.3318i	32.2968-24.2474i	-3.9135+1.6685i	0.4330-0.0237i	0.9282+0.7297i	2.7749+1.2413i	-0.5473+0.0870i
63.7	43.1142+0.5382i	-19.4107+2.5644i	33.2621-26.8562i	-4.1142+1.6869i	0.4449-0.0429i	0.8955+0.7650i	2.7228+1.1992i	-0.5637+0.0413i
63.8	43.3552+0.8327i	-20.5688+2.8023i	33.2627-27.7863i	-4.2361+1.8701i	0.4494-0.0437i	0.8809+0.8284i	2.6995+1.2378i	-0.5942+0.0046i
63.9	43.5121+0.4767i	-21.8205+3.4704i	33.1510-30.6370i	-4.2057+1.9379i	0.4427-0.0574i	0.9141+0.8602i	2.6710+1.2202i	-0.6222+0.0267i
64.0	43.8364+0.2619i	-22.5944+3.9867i	33.2730-33.0792i	-4.1682+1.9574i	0.4264-0.0598i	0.9567+0.8522i	2.6312+1.2542i	-0.6236+0.0645i
64.1	43.9706+0.3533i	-23.5140+4.5608i	33.3905-33.5893i	-4.2193+1.9552i	0.4363-0.0457i	0.9461+0.8512i	2.6213+1.2875i	-0.6184+0.0620i
64.2	44.4034+0.2884i	-23.6680+5.0753i	33.1390-35.9409i	-4.0804+1.8743i	0.4407-0.0534i	0.9765+0.8647i	2.6495+1.2866i	-0.6159+0.0363i
64.3	44.8742+0.2447i	-24.6926+6.7423i	32.8111-39.9962i	-4.1575+2.0184i	0.4356-0.0577i	1.0321+0.9325i	2.6192+1.3722i	-0.6612+0.0584i
64.4	45.2052+0.0529i	-26.8698+8.7151i	33.9287-43.2036i	-4.2191+2.1194i	0.4404-0.0696i	1.0451+0.9980i	2.5305+1.3915i	-0.7144+0.0471i
64.5	45.4964-0.5850i	-27.6132+10.2718i	32.2556-46.3552i	-4.3425+2.2822i	0.4331-0.0763i	1.0627+1.0096i	2.5271+1.4245i	-0.7306+0.0576i
64.6	45.9455-0.5787i	-29.2665+11.6573i	31.8969-48.0799i	-4.4188+2.3085i	0.4306-0.0710i	1.0994+1.0180i	2.4886+1.4690i	-0.7451+0.0773i
64.7	46.1695-0.7236i	-30.0561+13.5722i	29.1629-51.4129i	-4.2827+2.2969i	0.4223-0.0786i	1.1747+1.0446i	2.4988+1.5036i	-0.7702+0.0750i
64.8	46.5292-0.5610i	-30.9637+13.7255i	29.4402-53.7377i	-4.4088+2.2502i	0.4302-0.0726i	1.1610+1.1141i	2.4567+1.5453i	-0.7995+0.0455i
64.9	47.1463-0.9553i	-31.1049+16.3055i	27.1311-56.3470i	-4.5917+2.2362i	0.4233-0.0685i	1.2534+1.1432i	2.5012+1.6248i	-0.8076+0.0738i
65.0	47.2967-1.0017i	-31.3766+19.5188i	25.1019-60.6389i	-4.5431+2.2820i	0.4120-0.0735i	1.3220+1.1860i	2.4596+1.7251i	-0.8330+0.1236i
65.1	47.3982-1.2436i	-32.0446+20.7929i	24.5917-63.2898i	-4.4725+2.2536i	0.4180-0.0715i	1.3453+1.2183i	2.4246+1.7658i	-0.8610+0.1339i
65.2	48.1857-1.5373i	-32.1618+24.9121i	22.8357-67.7423i	-4.5171+2.4228i	0.4102-0.0654i	1.4368+1.2626i	2.4533+1.9152i	-0.8765+0.1510i
65.3	48.3549-1.7890i	-29.6148+27.1171i	18.5265-69.8899i	-4.5805+2.4681i	0.3978-0.0658i	1.5115+1.2477i	2.5408+1.9826i	-0.8546+0.2092i
65.4	48.8649-1.9729i	-28.8939+30.8123i	15.4609-74.7281i	-4.6605+2.6161i	0.4000-0.0581i	1.6175+1.3019i	2.5613+2.1473i	-0.8461+0.2095i
65.5	49.4089-2.2457i	-28.4760+32.3358i	12.7406-76.7383i	-4.6448+2.7439i	0.3959-0.0463i	1.6930+1.3188i	2.6446+2.1977i	-0.8350+0.1898i
65.6	49.6123-2.3684i	-26.9628+35.3088i	8.8233-78.1893i	-4.5905+2.6058i	0.4059-0.0280i	1.7718+1.3453i	2.7097+2.3118i	-0.8626+0.1750i
65.7	49.6714-2.0828i	-25.8550+37.6358i	5.5340-79.0929i	-4.5864+2.4728i	0.4029-0.0192i	1.8460+1.3856i	2.7090+2.4010i	-0.8769+0.1475i
65.8	49.8105-2.6966i	-24.2931+40.1544i	0.7298-80.9318i	-4.5458+2.6247i	0.4010-0.0133i	1.9792+1.3755i	2.7948+2.4529i	-0.9083+0.1531i
65.9	50.0200-3.0108i	-20.7176+40.4910i	-5.0442-79.1644i	-4.5742+2.7441i	0.4094+0.0107i	2.0575+1.2938i	2.9660+2.4954i	-0.9701+0.1839i
66.0	50.6347-3.1085i	-17.2164+40.4702i	-9.9699-79.9483i	-4.5832+2.8239i	0.4215+0.0232i	2.1379+1.2620i	3.1460+2.5505i	-0.9693+0.2035i
66.1	51.2596-3.4989i	-14.3000+43.8039i	-14.2999-83.9186i	-4.5976+2.8064i	0.4389+0.0333i	2.2715+1.3155i	3.3108+2.6822i	-1.0247+0.2233i
66.2	51.6057-4.0373i	-11.4213+46.0180i	-20.9661-85.7537i	-4.6856+2.8721i	0.4433+0.0288i	2.4434+1.2844i	3.4597+2.7514i	-1.0736+0.2754i
66.3	51.4403-4.2128i	-8.3557+44.8879i	-25.9128-83.5174i	-4.5519+2.9094i	0.4450+0.0314i	2.5233+1.1762i	3.5597+2.6650i	-1.0609+0.3036i
66.4	51.7347-4.4355i	-6.0475+44.2946i	-28.9018-79.7560i	-4.4505+3.0668i	0.4453+0.0598i	2.5666+1.0478i	3.6891+2.6121i	-1.0236+0.2835i
66.5	51.8696-4.6671i	-3.8170+44.7380i	-33.2674-78.4801i	-4.6261+3.0520i	0.4381+0.0751i	2.6521+1.0180i	3.7885+2.6326i	-1.0331+0.2839i
66.6	52.2541-4.6138i	0.1745+44.0661i	-38.3911-77.0950i	-4.6290+3.0402i	0.4459+0.0907i	2.7889+0.9705i	3.9789+2.6823i	-1.0629+0.3157i
66.7	52.2589-5.1782i	1.6688+43.7401i	-42.9323-73.3516i	-4.6387+2.9742i	0.4486+0.0984i	2.9097+0.8564i	4.0564+2.5604i	-1.1097+0.3086i
66.8	52.6313-5.5481i	3.1332+42.9890i	-45.7375-71.9529i	-4.7023+2.9570i	0.4736+0.0951i	2.9648+0.8010i	4.1702+2.4807i	-1.1368+0.3553i
66.9	53.0957-6.0077i	3.5621+41.5650i	-48.4920-68.8553i	-4.7638+3.0189i	0.4840+0.1069i	3.0543+0.7471i	4.3091+2.3878i	-1.1514+0.3551i
67.0	53.3354-6.5184i	7.1569+39.9178i	-53.8490-64.7259i	-4.7642+3.0799i	0.5103+0.1232i	3.1572+0.5654i	4.5350+2.3039i	-1.1933+0.4207i
67.1	53.4184-5.9520i	7.8221+38.3003i	-55.0240-61.4541i	-4.8600+3.1167i	0.5153+0.1407i	3.1402+0.4844i	4.5509+2.2349i	-1.1905+0.4394i
67.2	53.6392-6.0189i	7.7576+38.5189i	-55.9368-59.4117i	-4.6706+3.0118i	0.5278+0.1596i	3.2189+0.4340i	4.5299+2.1889i	-1.2376+0.4426i
67.3	53.8504-6.9012i	9.3188+35.6494i	-58.4171-54.8125i	-4.7867+3.1021i	0.5570+0.1447i	3.2121+0.3239i	4.6813+1.9840i	-1.2721+0.4875i
67.4	54.1237-7.2703i	10.5560+34.9713i	-61.2285-53.2019i	-4.9479+3.1125i	0.5729+0.1385i	3.3031+0.3241i	4.7996+1.9038i	-1.3355+0.5180i
67.5	54.4574-7.8592i	12.7324+33.3185i	-63.0145-49.0218i	-4.9177+3.3151i	0.6051+0.1369i	3.3325+0.1760i	4.9762+1.7600i	-1.3374+0.6080i
67.6	54.2857-8.5662i	12.7949+30.8894i	-65.1763-43.3687i	-4.8956+3.3257i	0.6232+0.1274i	3.3726+0.0074i	4.9674+1.5680i	-1.3592+0.7207i
67.7	54.8782-8.7027i	13.7530+29.9003i	-66.9371-40.9150i	-4.9915+3.2437i	0.6508+0.1384i	3.4626-0.0966i	5.0530+1.4905i	-1.3772+0.7798i
67.8	55.1929-8.6325i	15.2243+29.3973i	-67.6659-39.1204i	-4.9514+3.3004i	0.6701+0.1604i	3.5484-0.1704i	5.1102+1.4895i	-1.4203+0.8217i
67.9	55.5280-8.4791i	15.7980+28.9951i	-67.8394-36.3869i	-4.9809+3.4372i	0.6820+0.1819i	3.5678-0.2997i	5.1023+1.4725i	-1.4350+0.9134i
68.0	55.5257-9.2671i	15.7808+28.1929i	-69.4349-32.4813i	-5.0198+3.4283i	0.6930+0.1613i	3.6056-0.4359i	5.0969+1.2591i	-1.4146+1.0263i
68.1	56.1712-9.2074i	15.4866+27.4010i	-69.5295-30.1388i	-5.0822+3.1944i	0.7186+0.1768i	3.6886-0.5450i	5.1468+1.2449i	-1.4198+1.0716i
68.2	56.9288-9.8070i	17.3901+27.2520i	-71.4715-27.5611i	-5.1707+3.4776i	0.7543+0.1863i	3.7728-0.7062i	5.2731+1.1970i	-1.3818+1.1616i
68.3	57.3882-10.4391i	18.4475+25.3630i	-73.2167-24.8816i	-5.1682+3.6200i	0.8006+0.1858i	3.7771-0.8411i	5.3754+1.0757i	-1.3652+1.2454i
68.4	57.6625-10.9779i	17.4670+25.1129i	-72.8070-23.6506i	-5.3224+3.5472i	0.8120+0.1723i	3.7637-0.9101i	5.3544+0.9814i	-1.3446+1.2598i
68.5	57.2424-11.4471i	16.4955+25.6057i	-71.9888-19.1865i	-5.4347+3.6731i	0.8070+0.1711i	3.7756-1.0993i	5.2096+0.8579i	-1.3174+1.2874i
68.6	57.4386-11.8159i	15.9760+24.6752i	-71.3572-16.0861i	-5.4845+3.8918i	0.8381+0.1569i	3.8083-1.2290i	5.2122+0.7196i	-1.3112+1.3428i

68.7	58.2533-12.2997i	16.2817+23.8047i	-71.4260-14.1159i	-5.6080+3.9613i	0.8680+0.1480i	3.8293-1.3650i	5.2488+0.6908i	-1.3070+1.4065i
68.8	58.1783-13.6031i	16.9343+22.7980i	-71.1893-8.0696i	-5.5157+4.1820i	0.9070+0.1267i	3.7599-1.6267i	5.2750+0.4949i	-1.2300+1.5207i
68.9	57.9279-14.0757i	17.8961+22.5941i	-71.8150-5.2381i	-5.4941+4.2924i	0.9244+0.1284i	3.7658-1.7837i	5.2592+0.4275i	-1.1827+1.6203i
69.0	58.3101-13.7701i	18.3945+22.3613i	-71.5188-3.9682i	-5.6395+4.1926i	0.9605+0.1576i	3.7864-1.8947i	5.2916+0.5206i	-1.2230+1.6620i
69.1	58.4235-14.4264i	18.8903+23.5316i	-70.2471-2.4042i	-5.6179+4.3790i	0.9876+0.1706i	3.7326-2.0690i	5.2934+0.5366i	-1.1808+1.7455i
69.2	58.2323-16.0251i	19.6589+21.6866i	-70.4428+3.1602i	-5.6327+4.6560i	1.0383+0.1161i	3.6644-2.3461i	5.3535+0.2618i	-1.1211+1.8547i
69.3	57.9509-16.7905i	18.9429+19.5974i	-69.1246+6.2976i	-5.4570+4.7026i	1.0602+0.0606i	3.5557-2.4776i	5.3311+0.0549i	-1.0488+1.9025i
69.4	58.7174-17.5227i	19.1321+18.9761i	-68.7465+8.0296i	-5.4158+4.8549i	1.1018+0.0326i	3.5423-2.6185i	5.4269-0.0142i	-0.9656+1.9891i
69.5	58.0997-17.4853i	20.0443+20.2212i	-67.2092+10.7003i	-5.4551+4.9068i	1.0988+0.0282i	3.4830-2.7950i	5.3480-0.0059i	-0.8955+2.0677i
69.6	57.2117-18.2997i	19.6553+20.3931i	-64.6634+13.6153i	-5.3083+5.1955i	1.0945+0.0145i	3.3703-2.9898i	5.2366-0.1076i	-0.8405+2.1356i
69.7	57.2806-19.2625i	20.5991+19.4058i	-63.1742+16.8198i	-5.3578+5.2747i	1.1402-0.0302i	3.1609-3.1996i	5.2906-0.2562i	-0.7072+2.2134i
69.8	57.0509-19.2656i	20.5281+17.9830i	-60.4793+18.8150i	-5.1465+5.1623i	1.1513-0.0579i	2.9818-3.2853i	5.2319-0.3526i	-0.5975+2.2563i
69.9	57.0906-19.5025i	20.3890+17.9917i	-59.5544+20.5284i	-5.1918+5.2802i	1.1549-0.0695i	2.8701-3.4513i	5.1913-0.4045i	-0.5043+2.2955i
70.0	56.7354-20.7694i	21.3795+18.4077i	-59.7874+23.3236i	-5.2141+5.3539i	1.1665-0.1022i	2.7669-3.6936i	5.2133-0.5270i	-0.4142+2.3491i
70.1	56.6310-21.9068i	23.7977+16.6259i	-58.8128+25.8438i	-5.0894+5.6904i	1.2207-0.1393i	2.6042-3.8286i	5.3518-0.6557i	-0.3049+2.3843i
70.2	55.3839-21.8019i	23.2782+16.0301i	-54.7460+27.4052i	-4.7621+5.7208i	1.1927-0.1713i	2.2862-3.8776i	5.1545-0.7408i	-0.1655+2.3728i
70.3	55.0034-22.6818i	23.3948+14.0615i	-52.5395+30.1432i	-4.6496+5.8533i	1.2252-0.2368i	2.0789-4.0103i	5.1821-0.9700i	-0.0634+2.4134i
70.4	54.3714-23.3963i	24.6249+13.3862i	-51.0318+31.2286i	-4.3975+6.0197i	1.2317-0.2614i	1.8824-4.0690i	5.1675-1.0846i	0.0771+2.4393i
70.5	54.5561-23.6574i	24.9175+14.2449i	-50.0895+32.3895i	-4.5805+5.9975i	1.2593-0.2608i	1.7567-4.1859i	5.2076-1.0543i	0.1676+2.4619i
70.6	53.7323-23.2294i	24.8695+13.5579i	-47.3992+32.7604i	-4.4209+5.9188i	1.2465-0.2666i	1.5232-4.1324i	5.0965-1.0742i	0.2857+2.3784i
70.7	51.9996-23.6882i	25.4861+10.0668i	-42.7659+35.4554i	-3.9771+5.9642i	1.2291-0.3475i	1.1363-4.0745i	4.9485-1.3867i	0.4778+2.2947i
70.8	52.1847-24.5098i	26.6902+9.9734i	-42.9271+36.3304i	-4.0850+6.0919i	1.2863-0.3578i	0.9933-4.1792i	5.0531-1.4391i	0.5804+2.3277i
70.9	50.9659-24.3503i	25.8693+8.2259i	-39.7361+37.7952i	-3.8916+5.9658i	1.2729-0.4154i	0.7315-4.1289i	4.9362-1.6049i	0.7245+2.2147i
71.0	50.2532-23.9802i	25.2464+7.2909i	-36.5621+37.3784i	-3.7191+5.8960i	1.2611-0.4513i	0.5648-4.0045i	4.8187-1.6917i	0.7878+2.1112i
71.1	50.3963-24.2823i	26.6194+7.0213i	-36.5037+38.0844i	-3.6089+5.9868i	1.3095-0.4480i	0.4829-4.1078i	4.8996-1.7202i	0.8546+2.1360i
71.2	50.0622-23.6711i	25.6761+5.6104i	-34.1264+38.2838i	-3.5317+5.9207i	1.3114-0.4584i	0.3186-4.0510i	4.8036-1.7736i	0.9179+2.0850i
71.3	49.6217-22.5706i	23.5217+4.6563i	-31.1365+37.1557i	-3.5639+5.7004i	1.2683-0.4740i	0.1971-3.8531i	4.6000-1.7703i	0.9328+1.9879i
71.4	48.3573-22.7455i	23.8533+2.9812i	-28.4826+38.1720i	-3.2375+5.6778i	1.2664-0.5230i	-0.0872-3.7992i	4.4666-1.8943i	1.0360+1.9082i
71.5	47.2368-23.0869i	23.2403+0.9171i	-25.8779+40.0726i	-3.0654+5.7699i	1.2559-0.5950i	-0.3531-3.7617i	4.3327-2.1150i	1.1923+1.8258i
71.6	47.0496-22.5811i	23.3580+0.3726i	-24.4275+39.1125i	-3.0461+5.7302i	1.2471-0.6290i	-0.4941-3.6284i	4.2386-2.1508i	1.2582+1.7498i
71.7	46.9924-22.1203i	22.6685-0.1657i	-22.8100+38.3864i	-3.0262+5.5787i	1.2491-0.6586i	-0.5840-3.5350i	4.1713-2.1934i	1.3037+1.7118i
71.8	46.3410-22.6325i	22.7702-2.5210i	-21.3924+39.8559i	-2.8477+5.5273i	1.2824-0.7381i	-0.8022-3.4356i	4.1732-2.3911i	1.4420+1.6332i
71.9	46.6933-22.1775i	22.5089-3.0676i	-20.8630+39.5831i	-2.9026+5.4566i	1.2970-0.7644i	-0.8879-3.3436i	4.1467-2.4103i	1.4960+1.5705i
72.0	45.8888-20.8523i	19.8720-3.1983i	-17.2528+37.7898i	-2.8406+5.2440i	1.1880-0.7846i	-0.9720-3.0976i	3.7907-2.4055i	1.5051+1.3843i
72.1	45.1722-20.7979i	19.1645-4.5359i	-14.6325+38.3812i	-2.6990+5.2347i	1.1669-0.8602i	-1.1301-2.9347i	3.6308-2.5550i	1.5858+1.2392i
72.2	44.6387-20.4081i	18.1564-4.1381i	-13.6185+37.4259i	-2.6062+5.1724i	1.1194-0.8688i	-1.1303-2.7784i	3.4531-2.5274i	1.5606+1.1383i
72.3	44.7766-20.4687i	17.1392-4.5777i	-11.9850+37.0855i	-2.5921+5.1673i	1.1022-0.9128i	-1.1649-2.6223i	3.3782-2.5915i	1.5869+1.0123i
72.4	44.8394-20.3676i	16.9187-5.6210i	-11.5744+37.2984i	-2.5659+5.1485i	1.1062-0.9488i	-1.2253-2.5150i	3.3483-2.6363i	1.6214+0.9167i
72.5	44.5187-19.6512i	16.0197-6.0470i	-10.5053+36.8374i	-2.6421+4.9415i	1.0898-0.9642i	-1.2748-2.3720i	3.2370-2.6177i	1.6105+0.7782i
72.6	44.4566-19.4905i	14.0965-5.5149i	-8.5759+36.6810i	-2.5035+4.8839i	1.0315-0.9987i	-1.2970-2.2678i	3.0385-2.6563i	1.6096+0.6696i
72.7	44.2698-19.1058i	13.3167-6.2907i	-6.6734+35.9309i	-2.5049+4.8242i	0.9920-1.0570i	-1.3353-2.0623i	2.8667-2.7075i	1.5567+0.5341i
72.8	43.4957-18.4544i	11.2895-6.3460i	-5.0841+35.2350i	-2.5028+4.7628i	0.8944-1.0689i	-1.3199-1.9033i	2.6055-2.7020i	1.5103+0.3624i
72.9	43.6994-18.1376i	10.6614-7.0235i	-3.7073+35.1451i	-2.4972+4.7309i	0.8934-1.0695i	-1.2987-1.8468i	2.5689-2.6654i	1.4796+0.3252i
73.0	44.0242-17.2936i	11.4591-6.5970i	-3.4012+34.1578i	-2.5298+4.6315i	0.9012-1.0693i	-1.2404-1.7289i	2.5567-2.5646i	1.3973+0.2795i
73.1	43.8164-17.3895i	10.3453-6.1710i	-2.6872+34.0288i	-2.5000+4.7679i	0.8557-1.1103i	-1.2421-1.6749i	2.4250-2.6241i	1.3686+0.2091i
73.2	43.0627-17.2755i	9.7417-6.6076i	-1.6373+33.8496i	-2.2666+4.7203i	0.8127-1.1177i	-1.2275-1.6194i	2.2628-2.6238i	1.2972+0.1443i
73.3	43.1222-16.9111i	8.8192-6.1611i	-0.3387+32.9984i	-2.3199+4.6667i	0.7498-1.1308i	-1.1901-1.4855i	2.1122-2.5921i	1.2018+0.0730i
73.4	42.9674-15.6092i	6.5404-6.1789i	1.8177+32.2523i	-2.4069+4.3402i	0.6834-1.1436i	-1.1538-1.4225i	1.9258-2.5499i	1.1343+0.0307i
73.5	43.1787-14.8656i	6.2003-5.0978i	3.1270+31.2283i	-2.4206+4.2213i	0.6595-1.1196i	-1.1621-1.3756i	1.8268-2.4220i	1.0604+0.0059i
73.6	43.2889-13.8444i	5.5645-4.1448i	3.8219+29.2290i	-2.3509+3.9514i	0.6041-1.0602i	-1.1226-1.3194i	1.6878-2.2312i	0.9896+0.0050i
73.7	43.3989-13.7269i	5.5836-4.0868i	4.4606+28.2995i	-2.4320+4.0885i	0.6008-1.0617i	-1.1247-1.2226i	1.6704-2.1922i	0.9775-0.0118i
73.8	44.2333-13.7713i	6.1459-4.2029i	4.3608+28.0540i	-2.5267+4.1602i	0.6157-1.0719i	-1.0962-1.2170i	1.7037-2.1637i	0.9629+0.0103i
73.9	44.3144-13.2208i	5.1692-4.1349i	5.2848+27.8861i	-2.6616+3.9845i	0.5943-1.0708i	-1.0794-1.2068i	1.6194-2.1168i	0.9393-0.0289i
74.0	44.1255-12.7404i	4.4730-4.3514i	5.8504+27.6950i	-2.5386+3.9187i	0.5665-1.0912i	-1.0619-1.0942i	1.5344-2.1042i	0.8824-0.1080i
74.1	43.2805-12.9576i	4.0969-4.2570i	6.9130+27.2169i	-2.2668+3.9247i	0.4761-1.0934i	-1.0910-1.0121i	1.3682-2.0891i	0.8282-0.1558i
74.2	43.6111-12.1783i	3.8287-3.0382i	7.4474+25.9112i	-2.3842+3.9447i	0.4390-1.0397i	-1.0363-1.0064i	1.2667-1.9499i	0.7669-0.1505i
74.3	44.3565-11.7738i	4.4460-2.9191i	7.4870+25.7575i	-2.4682+4.0790i	0.4652-1.0528i	-0.9776-0.9844i	1.3066-1.9187i	0.7093-0.1379i
74.4	44.2869-11.3073i	3.2994-2.4229i	9.0717+25.3433i	-2.5090+3.7191i	0.4276-1.0587i	-0.9340-0.8896i	1.2037-1.8620i	0.6256-0.2082i
74.5	45.0448-10.5763i	3.2167-2.0396i	9.6074+24.0117i	-2.5670+3.5393i	0.4323-1.0388i	-0.9426-0.8954i	1.1857-1.7506i	0.5866-0.1882i
74.6	44.9031-9.6920i	2.2026-1.4203i	10.5414+22.3676i	-2.6336+3.3610i	0.3771-0.9781i	-0.8939-0.8157i	1.0947-1.6093i	0.5150-0.1440i
74.7	45.2752-9.2647i	2.7525-1.4817i	10.7090+21.8383i	-2.6122+3.4198i	0.3822-0.9713i	-0.8716-0.8027i	1.0971-1.5387i	0.4456-0.1073i
74.8	45.4437-9.4048i	2.7411-1.7043i	10.5471+22.4233i	-2.6036+3.5549i	0.3669-0.9925i	-0.8971-0.7844i	1.0652-1.5570i	0.4603-0.1348i
74.9	45.1365-8.5844i	2.1480-0.4104i	11.2242+20.6167i	-2.6589+3.4145i	0.3224-0.9195i	-0.8639-0.7217i	0.9579-1.4019i	0.4202-0.1361i

75.0	46.3802-8.7789i	2.7337-0.4729i	10.8424+20.2155i	-2.8303+3.4636i	0.3491-0.9327i	-0.8403-0.6806i	1.0272-1.3799i	0.4005-0.1297i
75.1	46.7772-8.3945i	3.3295-0.4052i	10.7737+19.4402i	-2.8669+3.3474i	0.3431-0.9120i	-0.7600-0.6661i	1.0243-1.2987i	0.3314-0.1055i
75.2	46.5437-8.1289i	3.0005-0.3327i	11.5809+18.7006i	-2.9191+3.3594i	0.3254-0.9089i	-0.7462-0.6107i	0.9784-1.2343i	0.3035-0.0721i
75.3	46.9987-7.6523i	2.8265+0.0670i	11.8927+17.3404i	-2.8737+3.3433i	0.3088-0.8997i	-0.7920-0.6303i	0.9358-1.1678i	0.2815-0.0231i
75.4	46.8663-6.4228i	2.6420+0.0681i	12.4458+16.5921i	-2.8024+3.0780i	0.3012-0.8540i	-0.7099-0.5839i	0.9222-1.0676i	0.2482-0.0135i
75.5	47.2136-6.1008i	2.5035-0.2047i	12.4072+16.8060i	-2.7400+3.0940i	0.3040-0.8492i	-0.7197-0.6126i	0.9071-1.0271i	0.2498+0.0283i
75.6	48.2023-5.4145i	2.8574+0.0031i	12.0702+16.0742i	-2.9273+2.8819i	0.3222-0.8342i	-0.6475-0.5676i	0.9217-0.9632i	0.2080+0.0097i
75.7	48.5745-5.3823i	2.9748+0.1097i	12.0366+15.4757i	-2.9551+2.8216i	0.3254-0.8422i	-0.6111-0.4872i	0.9330-0.9378i	0.1951+0.0068i
75.8	48.4398-5.6077i	3.3918+0.3366i	12.1537+15.1637i	-2.8980+2.8844i	0.3228-0.8284i	-0.6371-0.4278i	0.9268-0.8826i	0.2185+0.0208i
75.9	48.7172-5.2726i	3.4288+1.0110i	12.5572+14.1195i	-3.0947+2.9166i	0.2887-0.7914i	-0.6011-0.4000i	0.8939-0.7657i	0.1962+0.0742i
76.0	48.8918-5.3223i	3.0346+0.8009i	12.6373+13.7523i	-2.9420+2.9304i	0.2392-0.8010i	-0.5508-0.4060i	0.8359-0.7646i	0.1707+0.0729i
76.1	48.4403-5.5137i	3.0132+0.2097i	13.1197+13.9363i	-2.7129+3.0233i	0.2305-0.8257i	-0.5207-0.3772i	0.8094-0.7856i	0.1811+0.0797i
76.2	48.7295-4.4637i	2.8101+0.8571i	13.6968+13.3540i	-2.9028+3.0206i	0.2423-0.8044i	-0.5446-0.3275i	0.7956-0.6908i	0.1555+0.1046i
76.3	49.3898-3.2651i	2.7808+0.5523i	13.7058+12.4962i	-3.0693+2.7857i	0.2448-0.8149i	-0.5051-0.3518i	0.8066-0.6733i	0.1788+0.1145i
76.4	49.6201-2.6201i	2.1970+0.5236i	14.0753+12.5185i	-3.0839+2.8241i	0.2532-0.8412i	-0.4647-0.4020i	0.8170-0.6617i	0.2120+0.1206i
76.5	50.3661-2.1493i	2.6773+0.9802i	13.9705+11.9787i	-3.2162+2.8201i	0.2637-0.8113i	-0.4097-0.3555i	0.8385-0.5513i	0.1710+0.1543i
76.6	51.1816-2.5863i	3.0533+0.7452i	13.5564+11.5776i	-3.3103+2.8474i	0.2591-0.8380i	-0.3547-0.3605i	0.8658-0.5559i	0.1546+0.1919i
76.7	51.0767-1.4593i	2.8895+0.2617i	13.4204+11.0906i	-3.2917+2.5221i	0.2450-0.8113i	-0.3203-0.3969i	0.8387-0.4707i	0.1720+0.2296i
76.8	50.8560-0.3733i	2.6023+0.6598i	13.5183+10.0514i	-3.1119+2.2240i	0.2427-0.7506i	-0.2581-0.4021i	0.8453-0.3665i	0.1754+0.2383i
76.9	51.3808-0.0298i	2.6131+0.8830i	13.4617+9.6029i	-3.2102+2.3255i	0.2346-0.7458i	-0.2614-0.3524i	0.8587-0.3275i	0.2070+0.2542i
77.0	51.6150+0.2192i	2.9155+0.7362i	13.3145+9.7974i	-3.1538+2.3830i	0.2537-0.7521i	-0.2064-0.3585i	0.8743-0.3361i	0.1930+0.2441i
77.1	52.3203+0.5150i	3.1292+0.5228i	13.3415+9.1305i	-3.1342+2.2867i	0.2266-0.7483i	-0.1826-0.3713i	0.8922-0.3087i	0.2614+0.2613i
77.2	52.5780+1.4943i	3.0916+0.3085i	13.3686+8.6255i	-3.1550+1.9685i	0.2101-0.7224i	-0.1553-0.3934i	0.8501-0.2768i	0.2737+0.2338i
77.3	53.8585+2.4281i	2.9288+0.7763i	12.9823+8.2083i	-3.3746+1.8871i	0.1910-0.6997i	-0.1288-0.4366i	0.8052-0.2176i	0.2883+0.2271i
77.4	54.1575+2.3864i	2.7925+0.8100i	13.4517+8.4294i	-3.5184+1.9123i	0.1890-0.7155i	-0.1465-0.4364i	0.7905-0.1717i	0.2206+0.2666i
77.5	54.2313+3.0016i	2.6481+0.8047i	13.6996+7.9395i	-3.4448+1.9154i	0.1610-0.7130i	-0.1470-0.4285i	0.8180-0.1637i	0.2604+0.2513i
77.6	54.9958+3.9418i	2.5804+1.1484i	13.3967+7.2525i	-3.5828+1.8781i	0.1729-0.7006i	-0.1252-0.4170i	0.8276-0.1255i	0.2541+0.2232i
77.7	55.7983+4.3057i	2.6993+0.8290i	13.2648+7.0239i	-3.4827+1.7227i	0.1493-0.7027i	-0.1338-0.4765i	0.8321-0.0961i	0.3081+0.2387i
77.8	56.9807+4.0504i	2.5230+0.5867i	13.5501+7.4101i	-3.6733+1.8284i	0.1427-0.7339i	-0.1469-0.5138i	0.8821-0.1067i	0.3618+0.2414i
77.9	58.3335+3.8644i	2.2589+0.3637i	13.2625+7.3376i	-3.8852+1.7096i	0.1316-0.7185i	-0.1423-0.5164i	0.8637-0.0740i	0.3671+0.2034i
78.0	59.7851+4.2992i	2.1387+0.5069i	13.6147+6.8424i	-3.9729+1.7747i	0.0773-0.7359i	-0.1175-0.5358i	0.8184-0.0463i	0.3988+0.2013i
78.1	59.9173+5.2943i	2.0830+0.7431i	13.3751+5.6733i	-4.1452+1.6320i	0.0779-0.6811i	-0.0899-0.5511i	0.7980+0.0731i	0.3427+0.2140i
78.2	59.6682+6.2193i	2.0585+0.9895i	13.3578+5.4958i	-4.1259+1.2310i	0.1204-0.5944i	-0.1433-0.5465i	0.7685+0.1349i	0.3281+0.1588i
78.3	61.3917+7.0979i	2.1382+0.9738i	13.1900+5.5189i	-4.3353+1.2688i	0.1676-0.6091i	-0.1116-0.5724i	0.8216+0.1637i	0.3714+0.1607i
78.4	62.9630+7.3188i	1.6787+1.0471i	13.6642+5.3771i	-4.6469+1.4812i	0.1499-0.6336i	-0.1342-0.5956i	0.8664+0.1708i	0.3897+0.1322i
78.5	63.7539+7.0435i	1.8376+0.7163i	13.4246+5.8113i	-4.5955+1.4511i	0.1377-0.6626i	-0.1579-0.6589i	0.8892+0.1767i	0.3767+0.1220i
78.6	63.7523+7.2602i	1.9441+1.0274i	13.4113+5.6442i	-4.4693+1.3730i	0.1048-0.6094i	-0.2143-0.6693i	0.8145+0.2556i	0.3833+0.0853i
78.7	64.6185+8.2679i	1.6584+1.0285i	14.3152+4.9933i	-4.6743+1.2939i	0.0691-0.6103i	-0.2175-0.6736i	0.7769+0.3015i	0.3828+0.0742i
78.8	66.8381+8.7627i	2.5298+1.2295i	13.5231+4.9741i	-5.0049+1.4507i	0.1238-0.6529i	-0.2429-0.7319i	0.9057+0.3744i	0.3861+0.1113i
78.9	69.9929+6.0647i	3.4993+0.1654i	12.7877+4.1004i	-5.2169+1.8593i	0.0815-0.6730i	-0.3054-0.7226i	1.1323+0.3461i	0.4480+0.0867i
79.0	68.5635+0.4623i	2.0599-1.8701i	12.6205+4.3049i	-4.7459+2.4903i	-0.1062-0.6609i	-0.3894-0.6426i	1.1116+0.0829i	0.4138-0.0281i
79.1	65.4456+1.7855i	0.3098-1.2731i	13.3344+4.6618i	-4.4070+1.9736i	-0.1381-0.5498i	-0.3795-0.5899i	0.8368+0.1032i	0.3484-0.0936i
79.2	65.0175+5.0081i	0.1496-0.3069i	12.9428+4.6252i	-4.3284+1.3439i	-0.0635-0.4437i	-0.3827-0.6180i	0.8131+0.2893i	0.3008-0.0834i
79.3	65.8125+7.1681i	-0.1896+0.7879i	13.6212+4.9756i	-4.3052+1.4355i	-0.0257-0.4054i	-0.4253-0.5585i	0.8369+0.3443i	0.3053-0.0963i
79.4	66.7684+7.1074i	-0.3519+0.9287i	13.6359+4.2292i	-4.6515+1.4183i	-0.0250-0.3853i	-0.4027-0.5550i	0.8403+0.4121i	0.2675-0.0727i
79.5	67.8325+6.7111i	0.1859+1.0719i	13.0720+3.8734i	-4.6656+1.2305i	0.0216-0.3529i	-0.3769-0.5494i	0.9079+0.4538i	0.2055-0.0899i
79.6	69.1784+7.6452i	0.4681+1.3234i	13.1239+4.0388i	-4.9006+1.3424i	0.0653-0.3560i	-0.3901-0.5107i	0.9502+0.4601i	0.2374-0.1181i
79.7	70.2833+7.5659i	0.4617+1.2988i	13.4435+3.9328i	-4.9553+1.2769i	0.0534-0.3495i	-0.4194-0.4628i	0.9911+0.4724i	0.1941-0.1305i
79.8	71.2160+7.3376i	0.1781+1.2732i	13.4699+4.5094i	-5.2262+1.4578i	0.0745-0.3666i	-0.4239-0.4921i	1.0195+0.4746i	0.1637-0.0851i
79.9	71.0674+8.0925i	0.3473+1.2193i	13.1816+4.7304i	-5.2429+1.1977i	0.1274-0.3402i	-0.4595-0.4430i	1.0153+0.4795i	0.1504-0.0548i
80.0	72.3682+8.1996i	0.5741+1.5209i	12.9652+4.2852i	-5.3284+1.1942i	0.1473-0.3146i	-0.4425-0.4252i	1.0616+0.5140i	0.1178-0.0672i

2.1.86 Run 8 – VT315 – Accels 9–16

Vertical shaking at 315°. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	-0.1178+0.0000i	-3.9709+0.0000i	-0.5145+0.0000i	4.4617+0.0000i	2.8641+0.0000i	0.2279+0.0000i	-0.4645+0.0000i	5.3764+0.0000i
0.1	-0.3414+0.5511i	-0.5371+0.0397i	0.0758+0.2219i	0.7346+0.2506i	0.2848+0.1861i	0.1526+0.3409i	-0.0975+0.1773i	0.9066+0.0689i
0.2	0.3588-0.1262i	-0.0220-0.0303i	-0.0045-0.0063i	0.0961+0.0625i	0.0161+0.1167i	0.0177+0.0558i	-0.0262+0.0521i	0.0657+0.1605i
0.3	0.1955-0.0068i	0.0013-0.0423i	0.0682+0.0486i	0.1065+0.0195i	0.1070-0.0458i	-0.0073-0.0200i	-0.0100-0.0102i	0.0539-0.0157i
0.4	0.0715+0.0409i	-0.0043-0.0108i	0.0046-0.0309i	-0.0108-0.0105i	-0.0321-0.0550i	-0.0245-0.0107i	-0.0043-0.0025i	0.0070-0.0181i
0.5	0.0020+0.0097i	0.0008-0.0037i	0.0029-0.0089i	-0.0117-0.0153i	-0.0208-0.0403i	-0.0118-0.0042i	0.0022-0.0084i	-0.0001-0.0080i
0.6	0.0039-0.0024i	0.0016-0.0032i	-0.0027-0.0022i	-0.0045-0.0003i	-0.0069-0.0136i	-0.0027-0.0058i	-0.0018-0.0022i	-0.0023-0.0079i
0.7	-0.0127+0.0119i	0.0002-0.0008i	-0.0053-0.0010i	0.0032-0.0026i	0.0042-0.0092i	0.0010-0.0066i	-0.0014+0.0005i	-0.0014-0.0023i
0.8	-0.0109+0.0003i	0.0031+0.0014i	-0.0017-0.0023i	0.0019-0.0018i	0.0004-0.0056i	-0.0040-0.0080i	-0.0018-0.0004i	-0.0011-0.0043i
0.9	-0.0069-0.0022i	0.0037-0.0015i	-0.0019-0.0022i	-0.0003+0.0001i	-0.0006-0.0024i	-0.0002-0.0008i	0.0005+0.0002i	-0.0059-0.0011i
1.0	-0.0056+0.0020i	-0.0008+0.0032i	-0.0019-0.0016i	0.0002-0.0010i	-0.0055-0.0022i	-0.0017+0.0010i	-0.0003-0.0009i	-0.0068-0.0026i
1.1	-0.0029+0.0020i	0.0000+0.0070i	-0.0011-0.0009i	-0.0002-0.0000i	-0.0091-0.0014i	-0.0000+0.0063i	-0.0012+0.0004i	-0.0058-0.0001i
1.2	-0.0038-0.0006i	0.0031+0.0028i	-0.0005-0.0029i	-0.0015-0.0014i	-0.0054-0.0011i	-0.0018+0.0059i	-0.0022+0.0002i	-0.0076-0.0004i
1.3	-0.0037+0.0003i	0.0001+0.0004i	-0.0007-0.0015i	-0.0021-0.0011i	-0.0061-0.0006i	-0.0057+0.0004i	-0.0034+0.0006i	-0.0086-0.0004i
1.4	-0.0049-0.0005i	-0.0011+0.0000i	-0.0017+0.0009i	-0.0033-0.0014i	-0.0083-0.0018i	-0.0004-0.0008i	-0.0038-0.0011i	-0.0106+0.0004i
1.5	-0.0050+0.0019i	-0.0050+0.0016i	-0.0006+0.0018i	-0.0011-0.0036i	-0.0127-0.0017i	0.0001+0.0007i	-0.0027-0.0041i	-0.0136+0.0022i
1.6	-0.0064+0.0058i	-0.0086+0.0031i	-0.0031-0.0044i	-0.0103-0.0259i	-0.0135+0.0002i	0.0009+0.0063i	-0.0116-0.0246i	-0.0152+0.0004i
1.7	-0.0052+0.0069i	-0.0076+0.0042i	-0.0090-0.0025i	-0.0419-0.0214i	-0.0140-0.0009i	0.0059+0.0050i	-0.0409-0.0196i	-0.0181+0.0004i
1.8	-0.0115+0.0026i	-0.0147+0.0020i	-0.0075+0.0017i	-0.0492+0.0043i	-0.0184-0.0023i	0.0042+0.0011i	-0.0475+0.0044i	-0.0198-0.0006i
1.9	-0.0254+0.0067i	-0.0358+0.0121i	-0.0085+0.0017i	-0.0746+0.0211i	-0.0220-0.0015i	0.0038-0.0018i	-0.0707+0.0227i	-0.0219-0.0013i
2.0	-0.0411+0.0528i	-0.0523+0.0658i	-0.0092+0.0057i	-0.0992+0.1181i	-0.0234-0.0019i	0.0057-0.0158i	-0.0934+0.1201i	-0.0265+0.0001i
2.1	0.1096+0.1250i	0.0846+0.1402i	-0.0075+0.0049i	0.1956+0.2540i	-0.0308-0.0047i	-0.0286-0.0317i	0.2030+0.2502i	-0.0262+0.0024i
2.2	0.2007-0.0984i	0.1728-0.0371i	-0.0064+0.0043i	0.3750-0.1621i	-0.0373+0.0039i	-0.0532+0.0208i	0.3724-0.1697i	-0.0260-0.0020i
2.3	0.0155-0.1693i	0.0302-0.1055i	-0.0120+0.0001i	0.0300-0.2949i	-0.0338+0.0052i	-0.0191+0.0330i	0.0270-0.2977i	-0.0342-0.0044i
2.4	-0.0193-0.0375i	-0.0106-0.0052i	-0.0227+0.0159i	-0.0362-0.0638i	-0.0384+0.0051i	-0.0193+0.0214i	-0.0379-0.0630i	-0.0426+0.0008i
2.5	0.0013-0.0227i	0.0302+0.0070i	0.0127+0.0101i	0.0004-0.0362i	-0.0351+0.0009i	0.0108+0.0145i	0.0004-0.0372i	-0.0388-0.0003i
2.6	-0.0022-0.0288i	0.0357+0.0122i	0.0163+0.0114i	-0.0066-0.0450i	-0.0383+0.0004i	0.0150+0.0160i	-0.0060-0.0439i	-0.0409+0.0014i
2.7	-0.0154-0.0207i	0.0363+0.0088i	0.0148+0.0065i	-0.0228-0.0310i	-0.0422+0.0005i	0.0152+0.0076i	-0.0223-0.0297i	-0.0448-0.0008i
2.8	-0.0106-0.0115i	0.0355+0.0088i	0.0119+0.0057i	-0.0161-0.0186i	-0.0477-0.0010i	0.0104+0.0062i	-0.0163-0.0170i	-0.0498-0.0007i
2.9	-0.0065-0.0072i	0.0372+0.0080i	0.0078+0.0039i	-0.0116-0.0130i	-0.0552-0.0014i	0.0069+0.0051i	-0.0099-0.0125i	-0.0568-0.0019i
3.0	-0.0037-0.0048i	0.0409+0.0072i	0.0048+0.0033i	-0.0104-0.0100i	-0.0582-0.0007i	0.0055+0.0043i	-0.0082-0.0103i	-0.0619-0.0022i
3.1	-0.0029-0.0049i	0.0444+0.0069i	0.0030+0.0030i	-0.0071-0.0070i	-0.0607-0.0023i	0.0043+0.0032i	-0.0068-0.0071i	-0.0645-0.0022i
3.2	-0.0028-0.0076i	0.0467+0.0050i	0.0031+0.0017i	-0.0028-0.0079i	-0.0656-0.0031i	0.0025+0.0021i	-0.0044-0.0077i	-0.0685-0.0036i
3.3	-0.0037-0.0048i	0.0461+0.0062i	0.0011+0.0009i	-0.0055-0.0092i	-0.0748-0.0031i	0.0030+0.0016i	-0.0042-0.0087i	-0.0792-0.0035i
3.4	-0.0018-0.0048i	0.0506+0.0082i	0.0018+0.0052i	-0.0117-0.0120i	-0.0825-0.0040i	0.0056+0.0017i	-0.0109-0.0074i	-0.0860-0.0028i
3.5	-0.0014-0.0096i	0.0649+0.0063i	0.0031+0.0071i	-0.0150-0.0137i	-0.0907-0.0058i	0.0078+0.0020i	-0.0148-0.0091i	-0.0937-0.0037i
3.6	-0.0087-0.0034i	0.0789-0.0142i	0.0061+0.0071i	-0.0229+0.0040i	-0.0959-0.0035i	0.0076-0.0045i	-0.0224+0.0045i	-0.1021-0.0020i
3.7	0.0138+0.0083i	0.0003-0.0237i	0.0086+0.0024i	0.0109+0.0195i	-0.1026+0.0064i	0.0071-0.0038i	0.0111+0.0165i	-0.1133+0.0032i
3.8	0.0123+0.0029i	0.0141-0.0044i	0.0068+0.0001i	0.0131+0.0069i	-0.1111+0.0059i	0.0055-0.0008i	0.0151+0.0059i	-0.1170+0.0030i
3.9	0.0105+0.0009i	0.0226-0.0044i	0.0066+0.0001i	0.0102+0.0022i	-0.1183+0.0031i	0.0036-0.0005i	0.0121+0.0013i	-0.1237+0.0018i
4.0	0.0083+0.0016i	0.0263-0.0026i	0.0058+0.0000i	0.0065+0.0013i	-0.1260+0.0014i	0.0034-0.0009i	0.0084+0.0012i	-0.1308+0.0004i
4.1	0.0058+0.0023i	0.0307+0.0006i	0.0050-0.0008i	0.0039+0.0023i	-0.1366-0.0007i	0.0030-0.0014i	0.0053+0.0032i	-0.1421-0.0007i
4.2	0.0069+0.0029i	0.0357+0.0029i	0.0046-0.0003i	0.0034+0.0039i	-0.1459-0.0016i	0.0033-0.0020i	0.0048+0.0027i	-0.1516-0.0013i
4.3	0.0076+0.0022i	0.0400+0.0037i	0.0044-0.0002i	0.0021+0.0048i	-0.1567-0.0024i	0.0020-0.0021i	0.0033+0.0041i	-0.1628-0.0016i
4.4	0.0055+0.0041i	0.0430+0.0047i	0.0049-0.0031i	0.0005+0.0080i	-0.1732-0.0050i	0.0023-0.0027i	0.0018+0.0080i	-0.1789-0.0035i
4.5	0.0060+0.0068i	0.0431+0.0052i	0.0028-0.0031i	-0.0002+0.0102i	-0.1889-0.0074i	0.0016-0.0027i	0.0015+0.0104i	-0.1938-0.0028i
4.6	0.0043+0.0123i	0.0444+0.0072i	-0.0017-0.0023i	-0.0041+0.0197i	-0.2087-0.0102i	-0.0006-0.0034i	-0.0027+0.0194i	-0.2145-0.0051i
4.7	0.0123+0.0267i	0.0555+0.0178i	-0.0032+0.0040i	0.0057+0.0417i	-0.2284-0.0017i	-0.0045+0.0031i	0.0080+0.0410i	-0.2339+0.0037i
4.8	0.0436+0.0218i	0.0999+0.0054i	0.0145+0.0032i	0.0610+0.0377i	-0.2305+0.0102i	0.0065+0.0029i	0.0615+0.0368i	-0.2317+0.0127i
4.9	0.0485+0.0025i	0.1086-0.0327i	0.0135-0.0039i	0.0697+0.0040i	-0.2400-0.0054i	0.0063-0.0054i	0.0706+0.0039i	-0.2461-0.0030i
5.0	0.0208-0.0141i	0.0196-0.0352i	0.0014+0.0040i	0.0184-0.0239i	-0.3007-0.0149i	-0.0013+0.0053i	0.0200-0.0224i	-0.3088-0.0175i
5.1	0.0190-0.0114i	0.0303-0.0140i	0.0092+0.0060i	0.0155-0.0186i	-0.3149-0.0151i	0.0053+0.0066i	0.0176-0.0176i	-0.3222-0.0163i
5.2	0.0145-0.0119i	0.0595-0.0288i	0.0228-0.0063i	0.0073-0.0181i	-0.3383-0.0217i	0.0174-0.0085i	0.0114-0.0187i	-0.3484-0.0233i
5.3	0.0109-0.0054i	0.0652-0.0502i	0.0175-0.0222i	0.0009-0.0110i	-0.3662-0.0195i	0.0132-0.0263i	0.0085-0.0123i	-0.3794-0.0259i
5.4	0.0156+0.0029i	0.0165-0.1112i	-0.0174-0.0344i	0.0056+0.0016i	-0.4425-0.0107i	-0.0260-0.0333i	0.0080-0.0010i	-0.4490-0.0194i
5.5	0.0075+0.0080i	-0.0963-0.0900i	-0.0331+0.0019i	-0.0107+0.0114i	-0.5251+0.0171i	-0.0365+0.0006i	-0.0043+0.0082i	-0.5351+0.0133i
5.6	0.0131+0.0210i	-0.1317-0.0108i	-0.0230+0.0153i	-0.0100+0.0319i	-0.5663+0.0337i	-0.0264+0.0134i	-0.0018+0.0311i	-0.5767+0.0331i

5.7	0.0292+0.0223i	-0.1031+0.0324i	-0.0136+0.0154i	0.0159+0.0412i	-0.6089+0.0449i	-0.0196+0.0126i	0.0267+0.0388i	-0.6185+0.0453i
5.8	0.0389+0.0162i	-0.0846+0.0466i	-0.0124+0.0177i	0.0329+0.0313i	-0.6710+0.0635i	-0.0187+0.0143i	0.0436+0.0294i	-0.6791+0.0627i
5.9	0.0493+0.0125i	-0.0650+0.0512i	-0.0040+0.0213i	0.0508+0.0249i	-0.7257+0.0729i	-0.0119+0.0183i	0.0612+0.0239i	-0.7331+0.0727i
6.0	0.0540-0.0006i	-0.0724+0.0366i	0.0022+0.0174i	0.0547+0.0018i	-0.8083+0.0845i	-0.0078+0.0177i	0.0668+0.0016i	-0.8145+0.0832i
6.1	0.0503-0.0096i	-0.1069+0.0331i	0.0010+0.0171i	0.0420-0.0151i	-0.9234+0.1050i	-0.0095+0.0188i	0.0561-0.0167i	-0.9303+0.1018i
6.2	0.0450-0.0109i	-0.1341+0.0483i	0.0054+0.0221i	0.0285-0.0178i	-1.0320+0.1423i	-0.0052+0.0232i	0.0440-0.0201i	-1.0388+0.1381i
6.3	0.0436-0.0083i	-0.1670+0.0703i	0.0130+0.0245i	0.0192-0.0122i	-1.1782+0.1876i	0.0009+0.0255i	0.0361-0.0149i	-1.1843+0.1830i
6.4	0.0458-0.0064i	-0.2060+0.0922i	0.0194+0.0268i	0.0147-0.0076i	-1.3502+0.2421i	0.0067+0.0288i	0.0338-0.0120i	-1.3553+0.2376i
6.5	0.0499-0.0061i	-0.2561+0.1264i	0.0283+0.0266i	0.0115-0.0031i	-1.5596+0.3594i	0.0142+0.0295i	0.0336-0.0098i	-1.5627+0.3549i
6.6	0.0549-0.0054i	-0.3329+0.1568i	0.0358+0.0267i	0.0077+0.0025i	-1.8284+0.4465i	0.0205+0.0294i	0.0344-0.0043i	-1.8299+0.4411i
6.7	0.0645-0.0060i	-0.4462+0.2124i	0.0462+0.0271i	0.0072+0.0102i	-2.2261+0.6076i	0.0278+0.0309i	0.0389+0.0004i	-2.2231+0.6007i
6.8	0.0766-0.0086i	-0.5836+0.2974i	0.0613+0.0228i	0.0073+0.0165i	-2.7070+0.8780i	0.0395+0.0280i	0.0464+0.0023i	-2.6990+0.8675i
6.9	0.0946-0.0232i	-0.8139+0.5549i	0.0860+0.0122i	0.0078+0.0207i	-3.5032+1.6672i	0.0573+0.0231i	0.0570-0.0054i	-3.4856+1.6461i
7.0	0.1169-0.0511i	-1.1397+1.0627i	0.1231-0.0035i	0.0043+0.0303i	-4.5946+3.1947i	0.0849+0.0195i	0.0655-0.0174i	-4.5635+3.1520i
7.1	0.1176-0.1047i	-1.1004+2.0431i	0.1618-0.0602i	-0.0034+0.0537i	-4.6081+6.2074i	0.1246-0.0155i	0.0561-0.0347i	-4.5774+6.1221i
7.2	0.0594-0.1392i	0.1550+2.7141i	0.1153-0.1532i	0.0399+0.0986i	-0.8749+8.3821i	0.1057-0.0963i	0.0475-0.0174i	-0.8974+8.2694i
7.3	0.0044-0.1478i	1.5398+2.6087i	0.0291-0.1821i	0.1324+0.0726i	3.2247+8.1110i	0.0420-0.1256i	0.0830-0.0361i	3.1472+8.0007i
7.4	-0.0472-0.1325i	2.3873+1.9273i	-0.0257-0.1693i	0.1428-0.0009i	5.7204+6.1560i	0.0068-0.1202i	0.0605-0.0803i	5.6056+6.0704i
7.5	-0.0629-0.0780i	2.3527+0.9136i	-0.0474-0.1324i	0.0930-0.0201i	5.6475+3.1856i	-0.0089-0.1047i	0.0145-0.0590i	5.5278+3.1425i
7.6	-0.0473-0.0467i	2.0188+0.4433i	-0.0458-0.1096i	0.0753-0.0111i	4.6358+1.7742i	-0.0137-0.0957i	0.0124-0.0317i	4.5273+1.7528i
7.7	-0.0325-0.0367i	1.7953+0.2803i	-0.0412-0.0994i	0.0737-0.0085i	3.9083+1.2646i	-0.0157-0.0907i	0.0219-0.0225i	3.8062+1.2510i
7.8	-0.0260-0.0362i	1.6920+0.2377i	-0.0408-0.1004i	0.0696-0.0097i	3.5055+1.1246i	-0.0183-0.0927i	0.0239-0.0218i	3.4071+1.1139i
7.9	-0.0305-0.0397i	1.7375+0.2159i	-0.0484-0.1101i	0.0645-0.0095i	3.4716+1.0943i	-0.0260-0.1040i	0.0189-0.0225i	3.3718+1.0868i
8.0	-0.0341-0.0292i	1.7880+0.0837i	-0.0570-0.1098i	0.0633-0.0025i	3.4966+0.7957i	-0.0347-0.1084i	0.0187-0.0114i	3.3969+0.7931i
8.1	-0.0300-0.0237i	1.7960-0.0308i	-0.0671-0.1157i	0.0690-0.0022i	3.3833+0.5553i	-0.0483-0.1177i	0.0265-0.0082i	3.2820+0.5577i
8.2	-0.0345-0.0209i	1.8527-0.1277i	-0.0799-0.1198i	0.0669-0.0040i	3.4144+0.3869i	-0.0612-0.1232i	0.0237-0.0095i	3.3106+0.3939i
8.3	-0.0378-0.0143i	1.8905-0.2502i	-0.0946-0.1217i	0.0667-0.0007i	3.4094+0.1454i	-0.0767-0.1273i	0.0240-0.0025i	3.3042+0.1602i
8.4	-0.0379-0.0072i	1.9068-0.3672i	-0.1131-0.1191i	0.0707+0.0030i	3.3577-0.0553i	-0.0970-0.1265i	0.0280+0.0044i	3.2521-0.0360i
8.5	-0.0400+0.0025i	1.9570-0.4689i	-0.1354-0.1130i	0.0747+0.0069i	3.3599-0.2366i	-0.1214-0.1215i	0.0321+0.0102i	3.2535-0.2144i
8.6	-0.0411+0.0089i	2.0434-0.5783i	-0.1510-0.1050i	0.0819+0.0070i	3.4112-0.4131i	-0.1399-0.1136i	0.0391+0.0128i	3.3035-0.3839i
8.7	-0.0436+0.0166i	2.1586-0.7579i	-0.1737-0.1000i	0.0908+0.0054i	3.5071-0.6523i	-0.1638-0.1108i	0.0483+0.0139i	3.3969-0.6170i
8.8	-0.0470+0.0283i	2.2748-0.9492i	-0.1926-0.0790i	0.0970+0.0022i	3.6241-0.9291i	-0.1831-0.0901i	0.0533+0.0138i	3.5144-0.8904i
8.9	-0.0533+0.0420i	2.4276-1.2003i	-0.2190-0.0553i	0.1021-0.0033i	3.7811-1.2958i	-0.2108-0.0661i	0.0556+0.0132i	3.6725-1.2499i
9.0	-0.0519+0.0658i	2.4771-1.6903i	-0.2357-0.0256i	0.1064-0.0093i	3.7810-1.9579i	-0.2315-0.0361i	0.0589+0.0144i	3.6731-1.8999i
9.1	-0.0393+0.0897i	2.4181-2.0607i	-0.2292+0.0068i	0.1098-0.0148i	3.5790-2.4444i	-0.2256-0.0020i	0.0647+0.0161i	3.4741-2.3835i
9.2	-0.0432+0.1315i	2.8576-2.8748i	-0.2659+0.0425i	0.1174-0.0283i	4.0823-3.4155i	-0.2618+0.0330i	0.0674+0.0177i	3.9682-3.3417i
9.3	-0.0319+0.1801i	2.8493-4.0256i	-0.2958+0.1014i	0.1203-0.0415i	4.0812-4.8377i	-0.2922+0.0886i	0.0697+0.0237i	3.9726-4.7444i
9.4	0.0536+0.2204i	1.1435-5.3379i	-0.2426+0.2093i	0.1021-0.0566i	1.9501-6.4748i	-0.2429+0.1932i	0.0794+0.0298i	1.8770-6.3710i
9.5	0.1564+0.1859i	-1.1227-5.0403i	-0.1232+0.2454i	0.0752-0.0509i	-0.8863-6.1199i	-0.1284+0.2305i	0.0916+0.0304i	-0.9314-6.0347i
9.6	0.2094+0.1128i	-2.4857-3.7981i	-0.0219+0.2110i	0.0657-0.0302i	-2.6127-4.5718i	-0.0329+0.1962i	0.1060+0.0306i	-2.6498-4.5123i
9.7	0.1947+0.0597i	-2.4593-2.7244i	-0.0025+0.1576i	0.0732-0.0170i	-2.5943-3.2287i	-0.0145+0.1426i	0.1114+0.0236i	-2.6379-3.1807i
9.8	0.1682+0.0225i	-2.1890-1.8622i	0.0003+0.1084i	0.0846-0.0054i	-2.2666-2.1608i	-0.0133+0.0950i	0.1174+0.0201i	-2.3230-2.1220i
9.9	0.1521+0.0039i	-2.0367-1.3981i	-0.0022+0.0813i	0.0936-0.0007i	-2.0848-1.5861i	-0.0178+0.0689i	0.1249+0.0181i	-2.1485-1.5512i
10.0	0.1356-0.0048i	-1.8243-1.0666i	-0.0080+0.0609i	0.1031+0.0027i	-1.8375-1.1758i	-0.0259+0.0519i	0.1327+0.0155i	-1.9050-1.1427i
10.1	0.1251-0.0048i	-1.5895-0.8199i	-0.0164+0.0439i	0.1157+0.0036i	-1.5793-0.8663i	-0.0349+0.0378i	0.1410+0.0114i	-1.6546-0.8359i
10.2	0.1204-0.0048i	-1.3882-0.7058i	-0.0243+0.0392i	0.1233-0.0025i	-1.3526-0.7282i	-0.0428+0.0353i	0.1443+0.0052i	-1.4373-0.6937i
10.3	0.1140-0.0095i	-1.2587-0.6515i	-0.0319+0.0350i	0.1279-0.0053i	-1.2040-0.6353i	-0.0494+0.0330i	0.1457+0.0008i	-1.2911-0.5927i
10.4	0.1083-0.0076i	-1.1839-0.6300i	-0.0341+0.0350i	0.1290-0.0031i	-1.1138-0.5704i	-0.0507+0.0333i	0.1453+0.0003i	-1.1955-0.5291i
10.5	0.1050+0.0021i	-1.1681-0.5954i	-0.0339+0.0312i	0.1344+0.0038i	-1.0542-0.4752i	-0.0526+0.0300i	0.1508+0.0072i	-1.1373-0.4476i
10.6	0.1057+0.0093i	-1.1719-0.5064i	-0.0342+0.0262i	0.1465+0.0063i	-0.9837-0.3885i	-0.0552+0.0242i	0.1634+0.0089i	-1.0813-0.3681i
10.7	0.1096+0.0099i	-1.1347-0.4016i	-0.0360+0.0190i	0.1594+0.0058i	-0.9050-0.3158i	-0.0577+0.0178i	0.1737+0.0068i	-1.0133-0.2905i
10.8	0.1135+0.0116i	-1.0551-0.3165i	-0.0405+0.0116i	0.1693+0.0035i	-0.8253-0.2566i	-0.0629+0.0135i	0.1825+0.0042i	-0.9418-0.2260i
10.9	0.1172+0.0126i	-0.9955-0.2649i	-0.0462+0.0090i	0.1777+0.0034i	-0.7596-0.2205i	-0.0697+0.0119i	0.1917+0.0027i	-0.8839-0.1885i
11.0	0.1207+0.0126i	-0.9475-0.2410i	-0.0517+0.0051i	0.1907+0.0014i	-0.6996-0.1886i	-0.0766+0.0078i	0.2047+0.0005i	-0.8297-0.1576i
11.1	0.1279+0.0114i	-0.9019-0.2173i	-0.0557+0.0025i	0.2029-0.0046i	-0.6505-0.1692i	-0.0812+0.0066i	0.2145-0.0060i	-0.7858-0.1346i
11.2	0.1316+0.0129i	-0.8826-0.1936i	-0.0608+0.0018i	0.2150-0.0104i	-0.6125-0.1558i	-0.0859+0.0080i	0.2256-0.0104i	-0.7536-0.1216i
11.3	0.1359+0.0100i	-0.8543-0.1633i	-0.0653-0.0003i	0.2245-0.0128i	-0.5845-0.1422i	-0.0911+0.0084i	0.2360-0.0141i	-0.7342-0.1066i
11.4	0.1406+0.0097i	-0.8341-0.1232i	-0.0702-0.0003i	0.2331-0.0214i	-0.5485-0.1243i	-0.0968+0.0087i	0.2428-0.0233i	-0.7052-0.0887i
11.5	0.1455+0.0083i	-0.8092-0.1011i	-0.0745-0.0026i	0.2418-0.0253i	-0.5220-0.1120i	-0.1021+0.0069i	0.2518-0.0269i	-0.6843-0.0777i
11.6	0.1502+0.0071i	-0.7960-0.0842i	-0.0786-0.0021i	0.2554-0.0253i	-0.4948-0.0953i	-0.1079+0.0066i	0.2645-0.0266i	-0.6658-0.0627i
11.7	0.1552+0.0072i	-0.7693-0.0763i	-0.0817-0.0006i	0.2704-0.0300i	-0.4732-0.0911i	-0.1123+0.0081i	0.2786-0.0287i	-0.6569-0.0561i
11.8	0.1599+0.0066i	-0.7496-0.0568i	-0.0854-0.0026i	0.2862-0.0386i	-0.4541-0.0895i	-0.1185+0.0093i	0.2951-0.0382i	-0.6483-0.0490i
11.9	0.1617+0.0071i	-0.7459-0.0424i	-0.0869-0.0033i	0.3025-0.0440i	-0.4378-0.0803i	-0.1230+0.0097i	0.3123-0.0448i	-0.6449-0.0420i

12.0	0.1665+0.0068i	-0.7560-0.0353i	-0.0906-0.0056i	0.3282-0.0498i	-0.4255-0.0716i	-0.1310+0.0098i	0.3366-0.0517i	-0.6443-0.0356i
12.1	0.1699+0.0088i	-0.7640-0.0427i	-0.0943-0.0072i	0.3513-0.0596i	-0.4118-0.0652i	-0.1380+0.0114i	0.3593-0.0607i	-0.6450-0.0270i
12.2	0.1728+0.0105i	-0.7999-0.0384i	-0.0973-0.0103i	0.3809-0.0808i	-0.4012-0.0644i	-0.1460+0.0138i	0.3893-0.0826i	-0.6523-0.0212i
12.3	0.1749+0.0144i	-0.8347-0.0350i	-0.0996-0.0123i	0.4032-0.1065i	-0.3970-0.0645i	-0.1527+0.0167i	0.4124-0.1075i	-0.6625-0.0146i
12.4	0.1749+0.0201i	-0.8815-0.0217i	-0.1031-0.0180i	0.4202-0.1433i	-0.3934-0.0638i	-0.1595+0.0219i	0.4289-0.1425i	-0.6744-0.0094i
12.5	0.1814+0.0318i	-0.9457+0.0189i	-0.1086-0.0242i	0.4262-0.1968i	-0.3828-0.0543i	-0.1651+0.0299i	0.4363-0.1978i	-0.6827+0.0070i
12.6	0.1907+0.0471i	-0.9822+0.0713i	-0.1154-0.0301i	0.4223-0.2370i	-0.3735-0.0518i	-0.1666+0.0356i	0.4337-0.2389i	-0.6880+0.0221i
12.7	0.2073+0.0616i	-1.0550+0.1273i	-0.1243-0.0371i	0.4111-0.2783i	-0.3647-0.0478i	-0.1682+0.0418i	0.4211-0.2783i	-0.6957+0.0352i
12.8	0.2376+0.0760i	-1.0921+0.1685i	-0.1389-0.0427i	0.3677-0.3151i	-0.3601-0.0407i	-0.1660+0.0470i	0.3792-0.3154i	-0.7072+0.0502i
12.9	0.2702+0.0800i	-1.0843+0.2356i	-0.1546-0.0456i	0.3105-0.3281i	-0.3585-0.0419i	-0.1604+0.0501i	0.3244-0.3292i	-0.7179+0.0576i
13.0	0.3072+0.0732i	-1.1211+0.2889i	-0.1684-0.0451i	0.2643-0.3093i	-0.3488-0.0342i	-0.1552+0.0430i	0.2789-0.3112i	-0.7228+0.0707i
13.1	0.3424+0.0558i	-1.1495+0.3114i	-0.1838-0.0417i	0.2379-0.2676i	-0.3315-0.0432i	-0.1550+0.0314i	0.2532-0.2699i	-0.7268+0.0651i
13.2	0.3627+0.0389i	-1.2002+0.2961i	-0.1950-0.0374i	0.2385-0.2270i	-0.3285-0.0488i	-0.1616+0.0233i	0.2556-0.2294i	-0.7491+0.0631i
13.3	0.3824+0.0203i	-1.3077+0.2782i	-0.2073-0.0325i	0.2597-0.1767i	-0.3179-0.0549i	-0.1723+0.0136i	0.2769-0.1804i	-0.7699+0.0647i
13.4	0.3965+0.0072i	-1.4386+0.2524i	-0.2186-0.0270i	0.2905-0.1434i	-0.3092-0.0548i	-0.1857+0.0058i	0.3077-0.1489i	-0.7905+0.0695i
13.5	0.4106-0.0053i	-1.6033+0.2679i	-0.2296-0.0246i	0.3304-0.1145i	-0.2987-0.0710i	-0.2032-0.0033i	0.3483-0.1196i	-0.8144+0.0634i
13.6	0.4269-0.0157i	-1.8193+0.3003i	-0.2421-0.0193i	0.3860-0.0898i	-0.2917-0.1007i	-0.2243-0.0053i	0.4028-0.0967i	-0.8502+0.0520i
13.7	0.4460-0.0277i	-2.0686+0.3870i	-0.2512-0.0133i	0.4457-0.0881i	-0.2998-0.1221i	-0.2412-0.0025i	0.4615-0.0951i	-0.8889+0.0540i
13.8	0.4702-0.0431i	-2.3790+0.4772i	-0.2609-0.0081i	0.5186-0.0980i	-0.3084-0.1419i	-0.2624+0.0009i	0.5326-0.1059i	-0.9349+0.0481i
13.9	0.4908-0.0552i	-2.7007+0.6310i	-0.2684-0.0046i	0.5836-0.1208i	-0.3127-0.1486i	-0.2789+0.0050i	0.5981-0.1307i	-0.9793+0.0566i
14.0	0.5167-0.0668i	-3.0821+0.8109i	-0.2776-0.0037i	0.6471-0.1474i	-0.3142-0.1524i	-0.2967+0.0089i	0.6619-0.1555i	-1.0383+0.0691i
14.1	0.5474-0.0849i	-3.4701+1.0585i	-0.2898-0.0027i	0.7144-0.1769i	-0.3111-0.1772i	-0.3154+0.0138i	0.7262-0.1847i	-1.1022+0.0726i
14.2	0.5798-0.1004i	-3.9557+1.3488i	-0.3023-0.0022i	0.7775-0.2081i	-0.3017-0.1967i	-0.3320+0.0181i	0.7941-0.2130i	-1.1664+0.0806i
14.3	0.6170-0.1279i	-4.5033+1.7809i	-0.3186+0.0007i	0.8449-0.2578i	-0.2955-0.2300i	-0.3527+0.0266i	0.8614-0.2609i	-1.2422+0.1032i
14.4	0.6563-0.1613i	-5.1011+2.3774i	-0.3337+0.0016i	0.9324-0.3052i	-0.2547-0.2823i	-0.3768+0.0319i	0.9478-0.3067i	-1.2999+0.1099i
14.5	0.6942-0.2010i	-5.7090+3.0799i	-0.3488+0.0008i	1.0151-0.3693i	-0.2239-0.3539i	-0.3980+0.0374i	1.0310-0.3694i	-1.3520+0.1171i
14.6	0.7331-0.2718i	-6.4285+4.3834i	-0.3696+0.0069i	1.1259-0.4798i	-0.2406-0.4689i	-0.4309+0.0504i	1.1442-0.4784i	-1.4686+0.1486i
14.7	0.7460-0.3270i	-6.6786+5.4774i	-0.3875+0.0125i	1.1772-0.5870i	-0.2879-0.5614i	-0.4525+0.0646i	1.1998-0.5853i	-1.5521+0.1777i
14.8	0.7395-0.3985i	-6.8021+7.0321i	-0.4184+0.0161i	1.2239-0.7424i	-0.4051-0.6832i	-0.4846+0.0827i	1.2531-0.7380i	-1.6739+0.2121i
14.9	0.7218-0.4256i	-6.6123+8.0272i	-0.4495+0.0309i	1.2514-0.8686i	-0.5618-0.7119i	-0.5182+0.1132i	1.2884-0.8658i	-1.8161+0.2685i
15.0	0.7496-0.4060i	-7.0677+8.4275i	-0.4576+0.0564i	1.2651-0.9591i	-0.6223-0.6779i	-0.5252+0.1545i	1.3062-0.9623i	-1.9422+0.3127i
15.1	0.8701-0.4132i	-8.8148+9.5736i	-0.4628+0.0741i	1.3296-1.0817i	-0.5951-0.7036i	-0.5177+0.1916i	1.3737-1.0915i	-2.1349+0.3632i
15.2	0.9795-0.4592i	-10.3236+10.8122i	-0.4636+0.0684i	1.3901-1.1407i	-0.5712-0.7633i	-0.5078+0.1869i	1.4359-1.1547i	-2.2940+0.4105i
15.3	1.1119-0.5963i	-12.6933+13.9801i	-0.4779+0.0512i	1.5460-1.2498i	-0.5437-0.9069i	-0.5253+0.1629i	1.5948-1.2682i	-2.5267+0.5283i
15.4	1.2837-0.8370i	-16.9856+20.0057i	-0.5079+0.0287i	1.8833-1.5018i	-0.4006-1.1388i	-0.5745+0.1392i	1.9390-1.5231i	-2.7882+0.7572i
15.5	1.3686-1.1351i	-19.1986+28.6940i	-0.5406+0.0117i	2.1146-1.9523i	-0.3757-1.5100i	-0.6233+0.1445i	2.1711-1.9808i	-2.9916+1.0345i
15.6	1.3145-1.5421i	-16.9503+41.4804i	-0.5844-0.0056i	2.1397-2.6501i	-0.5484-2.0279i	-0.6763+0.1679i	2.1952-2.6833i	-3.0807+1.4413i
15.7	0.9814-2.0324i	-5.2786+57.1758i	-0.6589-0.0320i	1.7605-3.5474i	-1.0470-2.6070i	-0.7344+0.1973i	1.8150-3.5836i	-2.9177+1.9556i
15.8	0.4776-2.3961i	12.8448+70.3409i	-0.7459-0.0685i	1.0379-4.3270i	-1.8223-3.2774i	-0.7827+0.2128i	1.0926-4.3716i	-2.6348+2.1930i
15.9	-0.1488-2.4047i	37.7440+71.3637i	-0.8822-0.0716i	-0.0340-4.6222i	-2.9663-3.4919i	-0.8533+0.2407i	0.0196-4.6685i	-2.3739+2.1553i
16.0	-0.7041-2.0837i	64.0821+60.0924i	-1.0631-0.0398i	-1.2080-4.3425i	-4.4671-3.2960i	-0.9492+0.2645i	-1.1536-4.3919i	-2.4962+1.7979i
16.1	-0.9418-1.7400i	78.7541+45.6783i	-1.2103+0.0275i	-1.8765-3.8468i	-5.5205-2.7831i	-1.0427+0.2997i	-1.8180-3.9024i	-2.8644+1.6107i
16.2	-1.0132-1.3793i	88.9014+26.1037i	-1.3812+0.1570i	-2.2704-3.1644i	-6.5199-1.7687i	-1.1753+0.3786i	-2.2104-3.2297i	-3.5200+1.7788i
16.3	-0.9877-1.1069i	95.3230+5.9303i	-1.5594+0.3208i	-2.4308-2.5307i	-7.3476-0.6540i	-1.3343+0.4903i	-2.3699-2.6078i	-4.2674+2.1911i
16.4	-0.8672-0.9771i	93.2691-11.4805i	-1.6744+0.5336i	-2.2675-2.1230i	-7.5871+0.5329i	-1.4610+0.6644i	-2.2044-2.2129i	-4.7421+2.9664i
16.5	-0.8030-0.8814i	89.2516-35.0235i	-1.8022+0.8521i	-2.0588-1.6580i	-7.9005+2.2184i	-1.6069+0.9338i	-2.0088-1.7608i	-5.2141+4.2744i
16.6	-0.7887-0.8449i	81.3155-53.3142i	-1.8815+1.1642i	-1.8096-1.4475i	-7.9461+3.6109i	-1.7141+1.2179i	-1.7699-1.5571i	-5.3764+5.5337i
16.7	-0.7905-0.8212i	66.2339-68.7755i	-1.9122+1.6045i	-1.5301-1.5137i	-7.5025+5.3794i	-1.7885+1.6591i	-1.4973-1.6387i	-5.0053+7.2977i
16.8	-0.8216-0.7892i	51.0206-76.9834i	-1.7582+2.0438i	-1.4688-1.7444i	-6.4158+6.9539i	-1.6619+2.1305i	-1.4494-1.8821i	-3.8533+8.8582i
16.9	-0.9038-0.7257i	31.7402-83.9781i	-1.3625+2.4589i	-1.6721-1.8085i	-4.6373+8.0031i	-1.2579+2.5756i	-1.6815-1.9506i	-1.8338+9.7737i
17.0	-1.0038-0.6056i	8.9539-86.1758i	-0.9025+2.7361i	-1.8361-1.7470i	-2.7838+8.2771i	-0.7805+2.8685i	-1.8678-1.8791i	0.2248+9.8188i
17.1	-0.9398-0.4559i	-2.9094-78.1331i	-0.5733+2.8546i	-1.9718-1.7687i	-1.8241+8.2425i	-0.4303+2.9975i	-2.0069-1.8958i	1.1602+9.5358i
17.2	-0.8770-0.4242i	-13.6285-72.7466i	-0.0452+3.0028i	-2.2307-1.6187i	-0.5256+8.3088i	0.1269+3.1417i	-2.2828-1.7451i	2.4928+9.4238i
17.3	-0.9249-0.3695i	-25.1184-63.7417i	0.4568+2.7796i	-2.2566-1.3175i	0.5887+7.3290i	0.6411+2.8944i	-2.3207-1.4266i	3.6512+8.2192i
17.4	-0.9420-0.2516i	-32.6308-51.1066i	0.7727+2.4918i	-2.1694-1.1672i	0.9989+6.6492i	0.9591+2.5927i	-2.2302-1.2621i	4.0541+7.2632i
17.5	-0.8958-0.1616i	-33.9004-42.7255i	0.9610+2.3153i	-2.1781-1.1300i	1.4005+6.4175i	1.1531+2.4113i	-2.2391-1.2226i	4.3632+6.8423i
17.6	-0.8383-0.1005i	-34.6466-34.6907i	1.2153+2.0804i	-2.2564-1.0104i	2.2283+6.0094i	1.4201+2.1657i	-2.3278-1.0990i	5.0744+6.2577i
17.7	-0.8195-0.0464i	-35.0675-28.1177i	1.3311+1.8159i	-2.2330-0.9005i	2.6049+5.4702i	1.5375+1.8910i	-2.3094-0.9803i	5.3972+5.5986i
17.8	-0.7843+0.0431i	-34.4627-21.3353i	1.3975+1.5533i	-2.2119-0.8269i	2.8745+4.9009i	1.6025+1.6177i	-2.2920-0.8983i	5.5855+4.8659i
17.9	-0.7249+0.1147i	-32.8393-16.7761i	1.4104+1.3740i	-2.2150-0.7861i	3.0571+4.4994i	1.6167+1.4350i	-2.2979-0.8492i	5.6585+4.3440i
18.0	-0.6414+0.1734i	-30.2138-12.2535i	1.4033+1.1561i	-2.2282-0.7186i	3.1942+3.8804i	1.6116+1.2074i	-2.3093-0.7725i	5.6563+3.6383i
18.1	-0.5657+0.1945i	-27.6211-9.4116i	1.3630+0.9933i	-2.2471-0.6519i	3.1786+3.3839i	1.5722+1.0390i	-2.3253-0.6993i	5.5409+3.1118i
18.2	-0.4866+0.2226i	-24.9143-6.9827i	1.2837+0.8336i	-2.2354-0.5727i	3.0290+2.9012i	1.4915+0.8692i	-2.3096-0.6119i	5.2866+2.5840i

18.3	-0.4179+0.2349i	-22.9358-5.5862i	1.2143+0.7427i	-2.2300-0.5229i	2.8620+2.6410i	1.4222+0.7723i	-2.3002-0.5590i	5.0386+2.2954i
18.4	-0.3647+0.2268i	-21.5756-4.6292i	1.1615+0.6800i	-2.2352-0.4737i	2.7275+2.5040i	1.3704+0.7074i	-2.3019-0.5086i	4.8643+2.1457i
18.5	-0.3310+0.2177i	-20.5957-4.0351i	1.1074+0.6492i	-2.2447-0.4318i	2.6409+2.5104i	1.3183+0.6732i	-2.3106-0.4687i	4.7690+2.1274i
18.6	-0.3065+0.2439i	-19.9980-2.1904i	1.1124+0.5988i	-2.2725-0.3777i	2.9322+2.4442i	1.3261+0.6169i	-2.3459-0.4152i	5.0296+1.9476i
18.7	-0.2405+0.2960i	-18.2032-0.3194i	1.0865+0.5086i	-2.2802-0.3392i	3.0073+1.9989i	1.3024+0.5239i	-2.3546-0.3694i	4.9929+1.4194i
18.8	-0.1112+0.2993i	-15.5089+0.5350i	1.0117+0.4283i	-2.2925-0.2866i	2.8004+1.6319i	1.2274+0.4374i	-2.3601-0.3079i	4.6157+1.0435i
18.9	-0.0387+0.2517i	-13.8781+0.4169i	0.9472+0.3929i	-2.2991-0.2454i	2.6205+1.4565i	1.1652+0.3944i	-2.3617-0.2653i	4.3482+0.9236i
19.0	0.0162+0.1986i	-12.7239-0.0601i	0.8941+0.3848i	-2.3233-0.2059i	2.4808+1.3919i	1.1133+0.3802i	-2.3833-0.2260i	4.1620+0.9094i
19.1	0.0529+0.1515i	-11.9179-0.3070i	0.8547+0.3713i	-2.3505-0.1785i	2.3813+1.3066i	1.0742+0.3627i	-2.4062-0.1989i	4.0444+0.8687i
19.2	0.0821+0.1087i	-11.3529-0.3839i	0.8218+0.3539i	-2.3860-0.1516i	2.2939+1.2196i	1.0404+0.3400i	-2.4391-0.1709i	3.9641+0.8216i
19.3	0.1071+0.0656i	-10.7980-0.5330i	0.7859+0.3448i	-2.4408-0.1193i	2.2107+1.1469i	1.0035+0.3280i	-2.4946-0.1391i	3.8904+0.7789i
19.4	0.1224+0.0313i	-10.3389-0.5853i	0.7490+0.3333i	-2.4922-0.0751i	2.1310+1.0559i	0.9661+0.3164i	-2.5448-0.0954i	3.8205+0.6982i
19.5	0.1415+0.0045i	-10.0488-0.6647i	0.7296+0.3362i	-2.5475-0.0232i	2.0607+1.0193i	0.9477+0.3166i	-2.5984-0.0446i	3.7710+0.6613i
19.6	0.1455-0.0350i	-9.6283-0.6906i	0.7024+0.3349i	-2.6130+0.0503i	2.0019+1.0036i	0.9230+0.3161i	-2.6641+0.0299i	3.7296+0.6299i
19.7	0.1618-0.0573i	-9.2199-0.8797i	0.6667+0.3428i	-2.6943+0.1276i	1.9101+0.9191i	0.8971+0.3277i	-2.7452+0.1058i	3.6608+0.5440i
19.8	0.1754-0.0803i	-9.1397-0.8806i	0.6548+0.3523i	-2.7517+0.2204i	1.8591+0.8952i	0.8928+0.3340i	-2.8024+0.1955i	3.6269+0.4937i
19.9	0.1866-0.1014i	-8.8326-0.9690i	0.6346+0.3652i	-2.8009+0.3122i	1.7971+0.8624i	0.8854+0.3449i	-2.8553+0.2858i	3.5571+0.4469i
20.0	0.2032-0.1206i	-8.6209-1.0889i	0.6165+0.3797i	-2.8707+0.4027i	1.7320+0.8103i	0.8814+0.3549i	-2.9278+0.3794i	3.5024+0.3939i
20.1	0.2335-0.1371i	-8.6609-1.1738i	0.6165+0.3929i	-2.9676+0.4681i	1.6638+0.7668i	0.8941+0.3609i	-3.0251+0.4487i	3.4653+0.3633i
20.2	0.2548-0.1697i	-8.5785-1.1907i	0.6032+0.4105i	-3.0486+0.5942i	1.5900+0.7079i	0.8928+0.3635i	-3.1041+0.5776i	3.4256+0.2983i
20.3	0.2733-0.2124i	-8.6244-1.0964i	0.6112+0.4251i	-3.1149+0.7603i	1.5071+0.7340i	0.9103+0.3604i	-3.1712+0.7503i	3.3952+0.2842i
20.4	0.3122-0.2437i	-8.6490-1.0554i	0.6164+0.4418i	-3.2574+0.9173i	1.4000+0.7413i	0.9320+0.3609i	-3.3137+0.9131i	3.3742+0.2555i
20.5	0.3449-0.2978i	-8.7422-1.1033i	0.6234+0.4653i	-3.3670+1.1304i	1.3083+0.7883i	0.9482+0.3641i	-3.4222+1.1311i	3.3577+0.2474i
20.6	0.3608-0.3840i	-8.8561-0.8574i	0.6391+0.4741i	-3.4089+1.4450i	1.2649+0.8883i	0.9689+0.3453i	-3.4580+1.4487i	3.3692+0.2243i
20.7	0.3533-0.4713i	-8.9567-0.5208i	0.6661+0.4790i	-3.3755+1.7929i	1.2453+0.9810i	0.9949+0.3196i	-3.4111+1.7976i	3.3673+0.1482i
20.8	0.3283-0.5383i	-8.9216-0.1380i	0.6996+0.4808i	-3.2731+2.0912i	1.2749+1.0355i	1.0204+0.2932i	-3.2953+2.0939i	3.3582+0.0582i
20.9	0.2791-0.5947i	-8.7050+0.0697i	0.7229+0.4705i	-3.0485+2.3412i	1.3388+1.0597i	1.0248+0.2608i	-3.0667+2.3334i	3.3234-0.0169i
21.0	0.2299-0.6582i	-8.6140+0.3245i	0.7386+0.4613i	-2.8434+2.6110i	1.3724+1.0841i	1.0289+0.2272i	-2.8574+2.5925i	3.2696-0.0897i
21.1	0.2048-0.6948i	-8.4932+0.5542i	0.7506+0.4478i	-2.7171+2.7307i	1.3681+1.0972i	1.0295+0.2030i	-2.7334+2.7056i	3.2203-0.1100i
21.2	0.1588-0.7156i	-8.3566+0.6815i	0.7667+0.4350i	-2.4915+2.7833i	1.3733+1.0854i	1.0272+0.1833i	-2.5107+2.7500i	3.1502-0.1179i
21.3	0.0834-0.7273i	-8.1910+0.7283i	0.7793+0.4275i	-2.1690+2.7949i	1.4096+1.0979i	1.0173+0.1751i	-2.1958+2.7553i	3.0915-0.0809i
21.4	0.0272-0.7546i	-8.0472+0.8760i	0.7936+0.4091i	-1.9709+2.8657i	1.4435+1.0879i	1.0164+0.1511i	-2.0037+2.8225i	3.0825-0.1027i
21.5	-0.0127-0.7591i	-7.9471+0.9945i	0.8063+0.3911i	-1.8154+2.8606i	1.4298+1.0755i	1.0180+0.1335i	-1.8540+2.8161i	3.0504-0.1136i
21.6	-0.0608-0.7636i	-7.7551+1.1147i	0.8101+0.3810i	-1.6292+2.8649i	1.4476+1.0825i	1.0098+0.1220i	-1.6726+2.8184i	3.0244-0.1131i
21.7	-0.0810-0.7608i	-7.7049+1.2097i	0.8184+0.3649i	-1.6011+2.8255i	1.4535+1.0938i	1.0209+0.1060i	-1.6494+2.7799i	3.0555-0.1068i
21.8	-0.0802-0.7528i	-7.7194+1.2910i	0.8178+0.3531i	-1.6408+2.7854i	1.4007+1.0992i	1.0305+0.0917i	-1.6913+2.7408i	3.0556-0.1061i
21.9	-0.0793-0.7677i	-7.7823+1.4188i	0.8210+0.3373i	-1.7124+2.8440i	1.3823+1.0930i	1.0458+0.0657i	-1.7645+2.8013i	3.0907-0.1664i
22.0	-0.0758-0.7657i	-7.8595+1.5445i	0.8267+0.3265i	-1.8083+2.8411i	1.3906+1.1030i	1.0643+0.0499i	-1.8658+2.7997i	3.1657-0.1890i
22.1	-0.0881-0.7846i	-7.8471+1.8064i	0.8287+0.3128i	-1.8315+2.9498i	1.4150+1.1356i	1.0725+0.0180i	-1.8899+2.9089i	3.2174-0.2373i
22.2	-0.1175-0.8236i	-7.7717+2.0957i	0.8296+0.3069i	-1.7803+3.1520i	1.4270+1.1825i	1.0744-0.0144i	-1.8404+3.1098i	3.2135-0.3038i
22.3	-0.0916-0.8847i	-7.8567+2.4885i	0.8248+0.3028i	-1.9594+3.4828i	1.3880+1.2641i	1.0851-0.0615i	-2.0170+3.4424i	3.2419-0.4094i
22.4	-0.1095-0.9574i	-7.7861+2.9489i	0.8217+0.2979i	-1.9542+3.8710i	1.3838+1.3361i	1.0811-0.1165i	-2.0132+3.8357i	3.2307-0.5415i
22.5	-0.1454-1.0290i	-7.6466+3.4114i	0.8246+0.2991i	-1.8635+4.2878i	1.4248+1.4262i	1.0746-0.1684i	-1.9262+4.2505i	3.2104-0.6519i
22.6	-0.2214-1.1522i	-7.3349+4.0770i	0.8315+0.3057i	-1.5947+4.9471i	1.5229+1.5746i	1.0461-0.2388i	-1.6565+4.9052i	3.1556-0.7988i
22.7	-0.3569-1.2572i	-6.7277+4.6823i	0.8464+0.3082i	-1.0094+5.5488i	1.6945+1.6773i	0.9905-0.3034i	-1.0770+5.5037i	3.0213-0.9416i
22.8	-0.5549-1.2932i	-5.8284+4.9728i	0.8655+0.3068i	-0.0771+5.8248i	1.9125+1.6932i	0.9019-0.3316i	-0.1495+5.7787i	2.8041-0.9912i
22.9	-0.7450-1.2816i	-4.9899+5.0413i	0.8786+0.3007i	0.8223+5.8711i	2.0975+1.6675i	0.8142-0.3392i	0.7490+5.8249i	2.5944-0.9810i
23.0	-0.9641-1.1650i	-4.0064+4.7081i	0.9052+0.2895i	1.8710+5.4198i	2.3401+1.5802i	0.7277-0.2918i	1.7917+5.3768i	2.4122-0.7972i
23.1	-1.1234-1.0397i	-3.2499+4.2364i	0.9361+0.2767i	2.6422+4.9101i	2.5788+1.4544i	0.6804-0.2402i	2.5526+4.8677i	2.3459-0.6387i
23.2	-1.2027-0.8720i	-2.8394+3.5874i	0.9518+0.2512i	3.0795+4.2036i	2.6998+1.2384i	0.6556-0.1870i	2.9831+4.1668i	2.3325-0.5098i
23.3	-1.1948-0.7216i	-2.8588+3.1023i	0.9539+0.2255i	3.0820+3.5761i	2.6811+1.0430i	0.6612-0.1497i	2.9881+3.5452i	2.3842-0.4406i
23.4	-1.2107-0.5748i	-2.7557+2.5499i	0.9621+0.1940i	3.2164+2.9176i	2.7144+0.8222i	0.6617-0.1082i	3.1205+2.8943i	2.4289-0.3570i
23.5	-1.1952-0.4752i	-2.8189+2.1943i	0.9596+0.1737i	3.1703+2.4776i	2.6629+0.6795i	0.6720-0.0855i	3.0728+2.4574i	2.4728-0.3074i
23.6	-1.1811-0.3651i	-2.9221+1.8700i	0.9583+0.1525i	3.1199+2.0037i	2.6153+0.5098i	0.6833-0.0593i	3.0234+1.9867i	2.5210-0.2657i
23.7	-1.1396-0.2906i	-3.0524+1.6562i	0.9546+0.1357i	2.9492+1.6774i	2.5469+0.4038i	0.7006-0.0463i	2.8548+1.6622i	2.5828-0.2529i
23.8	-1.1019-0.2113i	-3.1883+1.4245i	0.9510+0.1172i	2.7943+1.3374i	2.4647+0.3051i	0.7172-0.0338i	2.6985+1.3277i	2.6464-0.2384i
23.9	-1.0478-0.1529i	-3.3768+1.3216i	0.9411+0.1021i	2.5794+1.1062i	2.3646+0.2234i	0.7330-0.0292i	2.4868+1.0984i	2.6940-0.2470i
24.0	-1.0074-0.1161i	-3.4784+1.2658i	0.9357+0.0916i	2.4283+0.9528i	2.3020+0.1637i	0.7455-0.0279i	2.3383+0.9465i	2.7322-0.2497i
24.1	-0.9623-0.0807i	-3.5181+1.2144i	0.9340+0.0873i	2.2699+0.8239i	2.2378+0.1338i	0.7546-0.0264i	2.1807+0.8217i	2.7693-0.2571i
24.2	-0.9267-0.0498i	-3.6171+1.1490i	0.9331+0.0875i	2.1066+0.7073i	2.1810+0.1292i	0.7706-0.0186i	2.0169+0.7022i	2.8254-0.2379i
24.3	-0.8826-0.0163i	-3.7589+1.0465i	0.9282+0.0761i	1.9358+0.5563i	2.0912+0.1070i	0.7839-0.0136i	1.8494+0.5545i	2.8808-0.2222i
24.4	-0.8560-0.0029i	-3.8180+1.0389i	0.9265+0.0706i	1.8370+0.5075i	2.0347+0.0846i	0.7948-0.0165i	1.7515+0.5059i	2.9187-0.2360i
24.5	-0.8341+0.0076i	-3.9140+1.0386i	0.9306+0.0743i	1.7411+0.4753i	1.9907+0.1087i	0.8082-0.0124i	1.6566+0.4723i	2.9799-0.2212i

24.6	-0.8006+0.0235i	-4.0485+1.0425i	0.9391+0.0731i	1.6155+0.4404i	1.9678+0.1307i	0.8226-0.0166i	1.5292+0.4373i	3.0634-0.2343i
24.7	-0.7841+0.0316i	-4.1553+1.0430i	0.9465+0.0622i	1.5373+0.4091i	1.9647+0.1016i	0.8404-0.0261i	1.4475+0.4090i	3.1469-0.2758i
24.8	-0.7612+0.0411i	-4.2648+1.0693i	0.9594+0.0501i	1.4423+0.3828i	1.9602+0.0635i	0.8619-0.0378i	1.3506+0.3843i	3.2474-0.3360i
24.9	-0.7406+0.0638i	-4.4032+1.0524i	0.9661+0.0302i	1.3462+0.3320i	1.9139+0.0155i	0.8754-0.0560i	1.2538+0.3371i	3.3334-0.4168i
25.0	-0.7231+0.0823i	-4.5290+1.1448i	0.9704+0.0109i	1.2800+0.3172i	1.8786-0.0330i	0.8886-0.0789i	1.1877+0.3229i	3.3973-0.5185i
25.1	-0.7023+0.1020i	-4.6140+1.1922i	0.9667-0.0055i	1.2223+0.2978i	1.8006-0.0821i	0.8901-0.0944i	1.1343+0.3053i	3.4240-0.6189i
25.2	-0.6713+0.1203i	-4.8139+1.2360i	0.9634-0.0258i	1.1343+0.2684i	1.6908-0.1109i	0.8890-0.1159i	1.0446+0.2793i	3.4505-0.7250i
25.3	-0.6571+0.1290i	-4.9365+1.3163i	0.9570-0.0356i	1.0806+0.2681i	1.6056-0.1155i	0.8848-0.1283i	0.9929+0.2786i	3.4520-0.7885i
25.4	-0.6373+0.1318i	-5.0512+1.4542i	0.9489-0.0432i	1.0230+0.2795i	1.5103-0.0674i	0.8782-0.1372i	0.9378+0.2910i	3.4532-0.8509i
25.5	-0.6063+0.1408i	-5.2228+1.6602i	0.9422-0.0529i	0.9560+0.2729i	1.4257-0.0181i	0.8744-0.1485i	0.8703+0.2855i	3.4742-0.9318i
25.6	-0.5768+0.1513i	-5.2692+1.8592i	0.9335-0.0619i	0.9058+0.2626i	1.3333+0.0278i	0.8665-0.1554i	0.8225+0.2757i	3.4529-1.0196i
25.7	-0.5513+0.1579i	-5.4033+2.1128i	0.9216-0.0636i	0.8497+0.2637i	1.2148+0.0931i	0.8595-0.1593i	0.7686+0.2765i	3.4341-1.0931i
25.8	-0.5317+0.1525i	-5.4552+2.3534i	0.9112-0.0572i	0.8036+0.2750i	1.1296+0.2152i	0.8549-0.1538i	0.7220+0.2855i	3.4106-1.1284i
25.9	-0.5027+0.1489i	-5.4500+2.6361i	0.9100-0.0568i	0.7301+0.3033i	1.0792+0.3639i	0.8590-0.1525i	0.6507+0.3136i	3.4144-1.1633i
26.0	-0.4834+0.1564i	-5.4855+2.8910i	0.9156-0.0643i	0.6862+0.3303i	1.0578+0.4767i	0.8694-0.1655i	0.6061+0.3416i	3.4388-1.2449i
26.1	-0.4633+0.1565i	-5.5010+3.1560i	0.9149-0.0668i	0.6656+0.3579i	1.0372+0.6030i	0.8697-0.1698i	0.5864+0.3658i	3.4374-1.3001i
26.2	-0.4291+0.1426i	-5.3630+3.4940i	0.9085-0.0702i	0.6363+0.4218i	1.0550+0.8126i	0.8595-0.1765i	0.5553+0.4328i	3.4053-1.3691i
26.3	-0.3986+0.1362i	-5.2136+3.7823i	0.9005-0.0585i	0.6663+0.4661i	1.1623+1.0323i	0.8461-0.1696i	0.5883+0.4725i	3.3525-1.3777i
26.4	-0.3814+0.1198i	-5.0853+3.9537i	0.8977-0.0419i	0.6954+0.4923i	1.2934+1.1845i	0.8381-0.1547i	0.6172+0.4968i	3.3399-1.3581i
26.5	-0.3607+0.1048i	-4.9092+4.1902i	0.9070-0.0301i	0.7363+0.4936i	1.5270+1.2877i	0.8433-0.1421i	0.6566+0.4966i	3.3909-1.3700i
26.6	-0.3279+0.0968i	-4.7862+4.3924i	0.9198-0.0257i	0.7437+0.4414i	1.6966+1.2625i	0.8541-0.1336i	0.6636+0.4390i	3.4541-1.4229i
26.7	-0.2988+0.0781i	-4.6607+4.5532i	0.9312-0.0111i	0.7225+0.3920i	1.7868+1.2468i	0.8663-0.1173i	0.6393+0.3880i	3.4806-1.4487i
26.8	-0.2812+0.0433i	-4.5229+4.7753i	0.9581-0.0132i	0.6901+0.3721i	1.9026+1.2176i	0.8914-0.1125i	0.5991+0.3669i	3.5730-1.5194i
26.9	-0.2665+0.0176i	-4.4029+4.9415i	0.9711-0.0242i	0.6434+0.3545i	1.9566+1.1487i	0.9060-0.1198i	0.5481+0.3511i	3.6165-1.6218i
27.0	-0.2416-0.0205i	-4.2667+5.2268i	0.9726-0.0309i	0.5887+0.3699i	1.9314+1.1601i	0.9058-0.1209i	0.4895+0.3653i	3.5967-1.7404i
27.1	-0.2318-0.0641i	-4.1168+5.5035i	0.9783-0.0256i	0.5507+0.4009i	1.9335+1.2302i	0.9108-0.1132i	0.4476+0.3974i	3.5967-1.8280i
27.2	-0.2219-0.1206i	-3.8887+5.9233i	0.9906-0.0151i	0.5030+0.4506i	1.9652+1.3585i	0.9247-0.1044i	0.3979+0.4497i	3.6088-1.9291i
27.3	-0.2353-0.1768i	-3.4412+6.4241i	1.0142-0.0075i	0.4954+0.5191i	2.1144+1.5187i	0.9487-0.0908i	0.3868+0.5186i	3.5907-2.0542i
27.4	-0.2653-0.2410i	-2.8652+6.7403i	1.0414-0.0012i	0.5068+0.5928i	2.3133+1.6402i	0.9779-0.0811i	0.3912+0.5951i	3.5396-2.1520i
27.5	-0.3063-0.3004i	-2.1893+7.0246i	1.0735+0.0033i	0.5330+0.6703i	2.5392+1.7612i	1.0123-0.0766i	0.4116+0.6730i	3.4796-2.2608i
27.6	-0.3471-0.3402i	-1.4823+7.1973i	1.1003+0.0042i	0.5708+0.7149i	2.7773+1.8254i	1.0405-0.0707i	0.4457+0.7170i	3.4036-2.3413i
27.7	-0.4096-0.3769i	-0.6170+7.1152i	1.1396-0.0029i	0.6359+0.7675i	3.1088+1.8000i	1.0823-0.0743i	0.5041+0.7737i	3.3162-2.4126i
27.8	-0.4783-0.3988i	0.1561+6.8557i	1.1850-0.0165i	0.7192+0.7992i	3.4449+1.7049i	1.1290-0.0886i	0.5814+0.8097i	3.2502-2.4574i
27.9	-0.5464-0.4066i	0.8269+6.4067i	1.2265-0.0386i	0.8041+0.7948i	3.7532+1.5364i	1.1732-0.1085i	0.6613+0.8108i	3.1966-2.4605i
28.0	-0.6019-0.3943i	1.2948+5.9270i	1.2619-0.0698i	0.8714+0.7654i	3.9854+1.3180i	1.2064-0.1369i	0.7238+0.7856i	3.1652-2.4711i
28.1	-0.6642-0.3773i	1.7195+5.3605i	1.2954-0.1197i	0.9438+0.7220i	4.1917+0.9894i	1.2398-0.1844i	0.7933+0.7533i	3.1327-2.5421i
28.2	-0.7328-0.3485i	2.0213+4.6803i	1.3093-0.1700i	1.0110+0.6488i	4.2742+0.6171i	1.2550-0.2286i	0.8599+0.6912i	3.0561-2.5650i
28.3	-0.7950-0.3099i	2.3067+4.0752i	1.3198-0.2106i	1.0629+0.5811i	4.3266+0.3413i	1.2684-0.2583i	0.9093+0.6328i	2.9715-2.5566i
28.4	-0.8130-0.2657i	2.3287+3.5622i	1.3204-0.2369i	1.0717+0.5270i	4.3006+0.1568i	1.2729-0.2775i	0.9192+0.5825i	2.9229-2.5155i
28.5	-0.8272-0.2385i	2.2268+3.0801i	1.3273-0.2612i	1.0674+0.4801i	4.2818-0.0219i	1.2890-0.2977i	0.9147+0.5413i	2.9529-2.4623i
28.6	-0.8574-0.2064i	2.1814+2.4606i	1.3557-0.3004i	1.0735+0.3977i	4.3240-0.3008i	1.3244-0.3266i	0.9191+0.4686i	3.0526-2.4374i
28.7	-0.8846-0.1824i	2.1337+2.0236i	1.3754-0.3444i	1.0767+0.3436i	4.3339-0.5213i	1.3479-0.3582i	0.9218+0.4212i	3.0912-2.4919i
28.8	-0.9009-0.1498i	1.8954+1.6498i	1.3707-0.3893i	1.0519+0.2931i	4.2369-0.7353i	1.3599-0.3933i	0.9007+0.3767i	3.1310-2.5476i
28.9	-0.9185-0.1189i	1.6526+1.3030i	1.3672-0.4353i	1.0241+0.2427i	4.1519-0.9481i	1.3748-0.4341i	0.8726+0.3373i	3.1748-2.6227i
29.0	-0.9430-0.0899i	1.5073+0.9927i	1.3654-0.4773i	1.0079+0.2010i	4.0873-1.1469i	1.3858-0.4757i	0.8607+0.3080i	3.1782-2.7000i
29.1	-0.9683-0.0652i	1.3187+0.7043i	1.3624-0.5245i	0.9819+0.1637i	4.0044-1.3613i	1.3995-0.5215i	0.8416+0.2782i	3.1821-2.8144i
29.2	-0.9927-0.0343i	1.0921+0.4841i	1.3498-0.5711i	0.9478+0.1342i	3.8786-1.5315i	1.4108-0.5710i	0.8169+0.2557i	3.1746-2.9244i
29.3	-1.0084+0.0136i	0.8081+0.2930i	1.3341-0.6142i	0.9130+0.1027i	3.7301-1.6725i	1.4125-0.6170i	0.7871+0.2293i	3.1746-3.0312i
29.4	-1.0308+0.0501i	0.5818+0.1402i	1.3264-0.6574i	0.8892+0.0720i	3.6197-1.8205i	1.4214-0.6619i	0.7703+0.2086i	3.1617-3.1475i
29.5	-1.0326+0.0854i	0.2972+0.0831i	1.2859-0.6879i	0.8434+0.0623i	3.4004-1.9145i	1.3977-0.7059i	0.7371+0.2064i	3.0609-3.2340i
29.6	-1.0480+0.1169i	0.0970-0.0450i	1.2509-0.7188i	0.8124+0.0534i	3.2097-2.0078i	1.3818-0.7444i	0.7188+0.2005i	2.9532-3.3118i
29.7	-1.0598+0.1532i	-0.1205-0.1378i	1.2266-0.7542i	0.7737+0.0430i	3.0614-2.0868i	1.3751-0.7847i	0.6918+0.1918i	2.9017-3.3874i
29.8	-1.0640+0.1868i	-0.3372-0.1259i	1.1960-0.7785i	0.7333+0.0530i	2.9040-2.1168i	1.3597-0.8219i	0.6637+0.1997i	2.8340-3.4511i
29.9	-1.0812+0.2262i	-0.5644-0.1935i	1.1642-0.8106i	0.6950+0.0487i	2.7544-2.1764i	1.3530-0.8639i	0.6372+0.1906i	2.7815-3.5206i
30.0	-1.0935+0.2599i	-0.8121-0.2136i	1.1206-0.8264i	0.6566+0.0577i	2.5678-2.1714i	1.3325-0.8993i	0.6123+0.1944i	2.6940-3.5382i
30.1	-1.0973+0.2913i	-1.0145-0.1935i	1.0831-0.8468i	0.6228+0.0795i	2.4135-2.1963i	1.3089-0.9419i	0.5872+0.2102i	2.6126-3.5981i
30.2	-1.1059+0.3210i	-1.1768-0.1300i	1.0394-0.8462i	0.6025+0.1037i	2.2628-2.1607i	1.2788-0.9636i	0.5718+0.2284i	2.5131-3.5849i
30.3	-1.1148+0.3578i	-1.3759-0.0456i	0.9883-0.8444i	0.5822+0.1387i	2.1167-2.1194i	1.2429-0.9905i	0.5566+0.2534i	2.4177-3.5586i
30.4	-1.1375+0.4090i	-1.5052+0.0003i	0.9562-0.8463i	0.5725+0.1617i	2.0219-2.1187i	1.2220-1.0213i	0.5513+0.2673i	2.4091-3.5831i
30.5	-1.1574+0.4532i	-1.6226+0.0009i	0.9249-0.8397i	0.5764+0.1852i	1.9031-2.1171i	1.1957-1.0395i	0.5539+0.2808i	2.3995-3.6045i
30.6	-1.1742+0.5001i	-1.8417+0.0177i	0.8814-0.8378i	0.5775+0.1927i	1.7236-2.0980i	1.1611-1.0517i	0.5541+0.2825i	2.3370-3.6641i
30.7	-1.1886+0.5563i	-2.0543+0.1402i	0.8420-0.8257i	0.5603+0.2315i	1.5795-2.0497i	1.1408-1.0738i	0.5352+0.3117i	2.2906-3.6998i
30.8	-1.2156+0.6193i	-2.2782+0.2691i	0.7914-0.7965i	0.5588+0.2677i	1.3939-1.9471i	1.1127-1.0857i	0.5291+0.3425i	2.2066-3.7072i

30.9	-1.2369+0.6766i	-2.4191+0.3956i	0.7625-0.7761i	0.5593+0.2899i	1.2901-1.8599i	1.1005-1.1006i	0.5279+0.3635i	2.1771-3.7313i
31.0	-1.2410+0.7665i	-2.5745+0.5187i	0.7308-0.7567i	0.5392+0.3168i	1.2093-1.7712i	1.0890-1.1307i	0.5078+0.3878i	2.1409-3.7832i
31.1	-1.2251+0.8785i	-2.7838+0.7514i	0.6925-0.7066i	0.5544+0.3687i	1.0944-1.6385i	1.0488-1.1518i	0.5185+0.4358i	2.0834-3.8175i
31.2	-1.1956+0.9538i	-2.8674+1.0245i	0.6698-0.6517i	0.5785+0.4078i	1.0030-1.4939i	1.0125-1.1524i	0.5385+0.4731i	1.9991-3.8384i
31.3	-1.1702+1.0230i	-2.9345+1.2825i	0.6649-0.5850i	0.6223+0.4459i	0.9417-1.3482i	0.9807-1.1465i	0.5777+0.5100i	1.9513-3.8081i
31.4	-1.1422+1.1059i	-3.0097+1.5202i	0.6603-0.5225i	0.6502+0.5028i	0.8908-1.2344i	0.9569-1.1585i	0.6023+0.5644i	1.9075-3.8170i
31.5	-1.1027+1.1835i	-3.0501+1.8019i	0.6727-0.4597i	0.7083+0.5832i	0.8389-1.1315i	0.9193-1.1810i	0.6589+0.6400i	1.8561-3.8561i
31.6	-1.0527+1.2580i	-2.9941+2.1214i	0.7080-0.3922i	0.7786+0.5907i	0.8208-0.9303i	0.8949-1.1592i	0.7279+0.6496i	1.8047-3.8436i
31.7	-1.0221+1.3445i	-2.9484+2.4010i	0.7512-0.3178i	0.8720+0.6247i	0.8007-0.7401i	0.8683-1.1533i	0.8223+0.6822i	1.7674-3.8498i
31.8	-0.9836+1.4019i	-2.8572+2.5823i	0.7943-0.2908i	0.9429+0.5925i	0.8061-0.6026i	0.8492-1.1350i	0.8889+0.6526i	1.7467-3.8711i
31.9	-0.9222+1.5008i	-2.7221+2.8744i	0.8559-0.2633i	1.0383+0.5648i	0.8405-0.4560i	0.8203-1.1318i	0.9820+0.6274i	1.7082-3.9207i
32.0	-0.8858+1.5948i	-2.6167+3.1197i	0.9063-0.2107i	1.0962+0.5929i	0.8862-0.2850i	0.8167-1.1425i	1.0393+0.6543i	1.6807-3.9630i
32.1	-0.7956+1.6885i	-2.3793+3.4335i	1.0050-0.1884i	1.2680+0.5328i	0.9377-0.0920i	0.7592-1.1183i	1.2067+0.5932i	1.6165-3.9943i
32.2	-0.7162+1.7518i	-2.2022+3.6463i	1.0800-0.1805i	1.3874+0.4278i	0.9918+0.1133i	0.7212-1.0638i	1.3248+0.4879i	1.5538-3.9693i
32.3	-0.5858+1.8979i	-1.8984+3.9557i	1.1657-0.1478i	1.4807+0.3942i	1.1728+0.2988i	0.6932-1.0674i	1.4188+0.4556i	1.4274-4.0180i
32.4	-0.4445+2.0197i	-1.5534+4.1945i	1.2448-0.1385i	1.5496+0.2821i	1.3019+0.5105i	0.6721-1.0225i	1.4851+0.3424i	1.3102-4.0470i
32.5	-0.3153+2.0194i	-1.2333+4.2821i	1.3094-0.1863i	1.5498+0.0722i	1.4342+0.6764i	0.6901-0.9188i	1.4821+0.1322i	1.2864-3.9484i
32.6	-0.1467+2.0199i	-0.8909+4.2823i	1.3658-0.2122i	1.5197-0.0849i	1.6121+0.8231i	0.7075-0.8322i	1.4535-0.0255i	1.2013-3.8326i
32.7	0.0292+2.0192i	-0.4735+4.3265i	1.4333-0.2497i	1.4954-0.2129i	1.8682+0.9318i	0.7327-0.7715i	1.4274-0.1539i	1.1260-3.7515i
32.8	0.2206+2.0194i	-0.0255+4.3315i	1.5013-0.2833i	1.4446-0.3247i	2.1911+1.0183i	0.7787-0.7254i	1.3755-0.2682i	1.0615-3.6772i
32.9	0.4022+1.9569i	0.3928+4.2148i	1.5764-0.2923i	1.3544-0.4104i	2.5765+1.1234i	0.8658-0.6567i	1.2826-0.3557i	1.0697-3.5038i
33.0	0.5083+1.8788i	0.7404+4.1292i	1.6627-0.2987i	1.2835-0.4484i	2.9190+1.2082i	0.9665-0.6087i	1.2056-0.3975i	1.1996-3.3613i
33.1	0.6332+1.7692i	1.1711+3.9149i	1.7804-0.3680i	1.2088-0.5112i	3.3861+1.0958i	1.0983-0.6018i	1.1225-0.4611i	1.3930-3.3130i
33.2	0.7368+1.6763i	1.4810+3.6898i	1.8894-0.4376i	1.1602-0.5619i	3.8079+0.9262i	1.2098-0.6052i	1.0672-0.5064i	1.5510-3.3129i
33.3	0.7946+1.5986i	1.7183+3.4256i	1.9754-0.5472i	1.1219-0.5915i	4.1603+0.6483i	1.3143-0.6676i	1.0203-0.5315i	1.7006-3.4295i
33.4	0.8387+1.4927i	1.9274+3.1076i	2.0558-0.6794i	1.0720-0.6243i	4.4537+0.2587i	1.4244-0.7460i	0.9659-0.5574i	1.8237-3.5940i
33.5	0.8800+1.4033i	2.1806+2.7225i	2.0913-0.8484i	0.9964-0.6856i	4.6548-0.2040i	1.5137-0.8423i	0.8842-0.6119i	1.8902-3.7936i
33.6	0.9193+1.3013i	2.2102+2.2490i	2.0529-0.9836i	0.8971-0.7004i	4.6713-0.6973i	1.5468-0.9431i	0.7798-0.6175i	1.8297-3.9235i
33.7	0.9342+1.1883i	2.0296+1.7643i	1.9940-1.1129i	0.8136-0.7066i	4.5689-1.2046i	1.5450-1.0478i	0.6997-0.6165i	1.7355-4.0383i
33.8	0.8704+1.1322i	1.6890+1.5910i	1.8935-1.1798i	0.7080-0.6725i	4.2546-1.4602i	1.5441-1.1335i	0.5939-0.5738i	1.6954-4.1595i
33.9	0.8110+1.1356i	1.5055+1.5616i	1.8306-1.2277i	0.6361-0.6146i	4.0625-1.5945i	1.5587-1.2344i	0.5212-0.5039i	1.6664-4.3460i
34.0	0.7821+1.1712i	1.4042+1.6332i	1.8008-1.2512i	0.6109-0.5582i	3.9697-1.6560i	1.5592-1.3275i	0.4987-0.4365i	1.5986-4.5292i
34.1	0.7952+1.2200i	1.4273+1.8036i	1.7549-1.2528i	0.5958-0.5179i	3.7926-1.6696i	1.5192-1.3831i	0.4969-0.3955i	1.3551-4.6057i
34.2	0.8880+1.2790i	1.7103+1.9005i	1.7514-1.2797i	0.5889-0.5253i	3.7870-1.7389i	1.4828-1.4394i	0.4987-0.3986i	1.1141-4.6698i
34.3	1.0226+1.3167i	2.1646+2.0392i	1.8157-1.2751i	0.5995-0.5337i	3.8787-1.6842i	1.4912-1.4452i	0.5110-0.4101i	0.9360-4.4817i
34.4	1.1474+1.3038i	2.4182+1.9772i	1.8285-1.2834i	0.6043-0.5248i	3.8956-1.7742i	1.4599-1.4493i	0.5171-0.4018i	0.7580-4.3582i
34.5	1.2782+1.2267i	2.7733+1.6525i	1.8371-1.3384i	0.5578-0.5223i	3.9074-1.9401i	1.4651-1.4754i	0.4750-0.3999i	0.7087-4.2034i
34.6	1.3791+1.1394i	3.0974+1.2598i	1.8883-1.3912i	0.5168-0.5286i	3.9486-2.1152i	1.5219-1.4944i	0.4301-0.4068i	0.8172-4.0183i
34.7	1.4609+1.0386i	3.2746+0.9170i	1.9332-1.4251i	0.4882-0.5091i	3.9513-2.2383i	1.5719-1.5055i	0.3973-0.3881i	0.9078-3.8671i
34.8	1.5382+0.9054i	3.3450+0.3867i	1.9204-1.5134i	0.4380-0.4986i	3.7981-2.4768i	1.5805-1.5563i	0.3498-0.3760i	1.0146-3.8208i
34.9	1.5743+0.7857i	3.3842-0.0487i	1.9409-1.6019i	0.4071-0.4773i	3.7231-2.6881i	1.6302-1.6258i	0.3186-0.3553i	1.1897-3.8182i
35.0	1.5975+0.7002i	3.4479-0.3694i	1.9758-1.6638i	0.3833-0.4690i	3.6523-2.7985i	1.6895-1.6704i	0.2926-0.3459i	1.3845-3.7787i
35.1	1.5979+0.5737i	3.2571-0.7834i	1.9797-1.7471i	0.3643-0.4442i	3.4748-2.9071i	1.7248-1.7416i	0.2706-0.3201i	1.6067-3.8572i
35.2	1.5690+0.4650i	3.0151-1.2246i	1.9777-1.8282i	0.3415-0.3918i	3.2805-2.9557i	1.7717-1.8397i	0.2495-0.2597i	1.8159-4.0219i
35.3	1.5544+0.3961i	2.8579-1.5257i	1.9831-1.8961i	0.3247-0.3465i	3.1796-2.9647i	1.8185-1.9297i	0.2300-0.2056i	1.9771-4.2222i
35.4	1.5100+0.3300i	2.5375-1.7043i	1.9621-1.9702i	0.3189-0.3063i	3.0047-2.9559i	1.8389-2.0376i	0.2255-0.1643i	2.0784-4.4850i
35.5	1.4865+0.2775i	2.2195-1.9117i	1.9277-2.0640i	0.3241-0.2575i	2.8732-2.8945i	1.8445-2.1739i	0.2307-0.1087i	2.1197-4.8540i
35.6	1.4767+0.2453i	2.0468-2.0119i	1.9235-2.1288i	0.3307-0.2241i	2.8155-2.8605i	1.8616-2.2896i	0.2346-0.0688i	2.1475-5.1520i
35.7	1.4386+0.2138i	1.7567-2.0217i	1.9139-2.1949i	0.3628-0.1708i	2.7978-2.7484i	1.8470-2.4422i	0.2686-0.0108i	2.0634-5.5665i
35.8	1.4252+0.2005i	1.6279-1.9526i	1.9158-2.2375i	0.4073-0.1365i	2.8852-2.6431i	1.8181-2.5578i	0.3160+0.0282i	1.8458-5.8983i
35.9	1.4538+0.1891i	1.7002-1.9940i	1.9096-2.3523i	0.4699-0.1224i	3.0605-2.6604i	1.7355-2.7350i	0.3847+0.0495i	1.4124-6.2737i
36.0	1.4832+0.1864i	1.7254-2.0550i	1.9130-2.4577i	0.5182-0.1360i	3.2049-2.8114i	1.6787-2.8568i	0.4388+0.0450i	1.0736-6.3987i
36.1	1.5733+0.1434i	1.8602-2.2505i	1.9043-2.5820i	0.5744-0.1614i	3.3941-3.0250i	1.5731-2.9638i	0.5012+0.0252i	0.5640-6.4144i
36.2	1.6280+0.0846i	1.8714-2.4413i	1.8714-2.6663i	0.6019-0.1796i	3.4148-3.2030i	1.5044-3.0209i	0.5291+0.0074i	0.3123-6.3554i
36.3	1.6910-0.0134i	1.7628-2.8270i	1.8141-2.8179i	0.6289-0.2133i	3.4274-3.5291i	1.4108-3.1391i	0.5601-0.0190i	-0.0079-6.3130i
36.4	1.7268-0.0995i	1.6995-3.0571i	1.7900-2.9219i	0.6496-0.2423i	3.4051-3.7461i	1.3713-3.2136i	0.5849-0.0423i	-0.1574-6.2480i
36.5	1.7197-0.2189i	1.4310-3.3153i	1.7114-3.0104i	0.6555-0.2763i	3.1549-3.9484i	1.2983-3.2678i	0.5936-0.0772i	-0.2445-6.0773i
36.6	1.7127-0.3300i	1.1538-3.5912i	1.6338-3.1065i	0.6736-0.3109i	2.9577-4.1407i	1.2163-3.3369i	0.6196-0.1078i	-0.4013-5.9950i
36.7	1.6935-0.4258i	0.8554-3.7672i	1.5365-3.2012i	0.6756-0.3493i	2.7570-4.2726i	1.1280-3.4120i	0.6295-0.1420i	-0.5486-5.9308i
36.8	1.6867-0.5199i	0.7415-3.9603i	1.5112-3.2870i	0.6832-0.3864i	2.6285-4.3731i	1.1151-3.4899i	0.6383-0.1758i	-0.5880-5.8402i
36.9	1.6665-0.5902i	0.5585-4.0677i	1.4726-3.3552i	0.6830-0.4176i	2.4794-4.4083i	1.0904-3.5609i	0.6418-0.2090i	-0.6302-5.7386i
37.0	1.6289-0.6758i	0.2066-4.0011i	1.3813-3.4145i	0.6716-0.4596i	2.2873-4.3944i	1.0087-3.6267i	0.6363-0.2566i	-0.6990-5.6724i
37.1	1.6160-0.7886i	0.0177-4.0864i	1.3296-3.5053i	0.6615-0.5081i	2.2382-4.4800i	0.9617-3.7140i	0.6380-0.3014i	-0.7681-5.6676i

37.2	1.5808-0.8827i	-0.0463-4.3118i	1.2913-3.6797i	0.6574-0.5569i	2.2264-4.6301i	0.9244-3.8988i	0.6374-0.3404i	-0.8315-5.7053i
37.3	1.5103-0.9710i	-0.2967-4.4539i	1.2015-3.8329i	0.6265-0.6032i	2.0481-4.7797i	0.8466-4.0664i	0.6072-0.3850i	-0.9113-5.7064i
37.4	1.4524-1.0596i	-0.5355-4.6703i	1.0593-3.9953i	0.5854-0.6609i	1.8850-4.9239i	0.6980-4.2495i	0.5717-0.4419i	-1.0674-5.7071i
37.5	1.3914-1.1677i	-0.7476-4.8509i	0.9608-4.1066i	0.5514-0.7179i	1.7461-5.1114i	0.5975-4.3806i	0.5433-0.4950i	-1.1610-5.6407i
37.6	1.3034-1.2598i	-1.0337-4.9894i	0.8173-4.2233i	0.4784-0.7565i	1.5126-5.2872i	0.4392-4.5220i	0.4815-0.5320i	-1.1920-5.5355i
37.7	1.2049-1.3379i	-1.3809-5.1429i	0.6427-4.3396i	0.3970-0.7928i	1.2707-5.4571i	0.2586-4.6765i	0.4057-0.5634i	-1.2521-5.4533i
37.8	1.0866-1.4072i	-1.9024-5.2642i	0.4115-4.4794i	0.3179-0.8119i	0.9063-5.6302i	-0.0081-4.8536i	0.3354-0.5746i	-1.2907-5.4697i
37.9	0.9230-1.4434i	-2.4316-5.1824i	0.1418-4.5393i	0.2120-0.7934i	0.3750-5.6933i	-0.3311-4.9523i	0.2408-0.5594i	-1.2918-5.4745i
38.0	0.7599-1.4255i	-2.8600-4.9742i	-0.1264-4.5716i	0.1233-0.7682i	-0.1520-5.6726i	-0.6751-5.0101i	0.1636-0.5331i	-1.3399-5.5026i
38.1	0.6379-1.3495i	-3.1502-4.7781i	-0.3948-4.5377i	0.0398-0.7154i	-0.6157-5.4672i	-1.0118-4.9554i	0.0956-0.4849i	-1.4903-5.4688i
38.2	0.5598-1.2609i	-3.4599-4.6298i	-0.6558-4.4247i	-0.0388-0.6395i	-1.0460-5.1254i	-1.3469-4.8056i	0.0269-0.4242i	-1.6107-5.3287i
38.3	0.5487-1.1830i	-3.6247-4.4826i	-0.7834-4.3219i	-0.0671-0.5540i	-1.2616-4.8010i	-1.5214-4.6682i	0.0001-0.3431i	-1.5908-5.1938i
38.4	0.5523-1.1748i	-3.8843-4.3461i	-0.8979-4.2495i	-0.0915-0.4738i	-1.5099-4.5285i	-1.6839-4.5499i	-0.0237-0.2697i	-1.4595-5.1156i
38.5	0.5321-1.1628i	-4.1762-4.2411i	-1.0172-4.2084i	-0.0939-0.3874i	-1.7635-4.1896i	-1.8563-4.4610i	-0.0187-0.1927i	-1.3021-5.2221i
38.6	0.5258-1.1547i	-4.4661-4.0449i	-1.1657-4.1503i	-0.0761-0.3250i	-1.9745-3.8599i	-2.0455-4.3463i	0.0072-0.1343i	-1.2415-5.3533i
38.7	0.5082-1.1731i	-4.7715-3.8521i	-1.3069-4.1246i	-0.0647-0.2803i	-2.2453-3.5681i	-2.2361-4.2595i	0.0223-0.0938i	-1.1420-5.5259i
38.8	0.4874-1.1854i	-5.0537-3.5195i	-1.4553-4.0551i	-0.0288-0.2294i	-2.3524-3.1499i	-2.4027-4.1118i	0.0609-0.0479i	-1.1828-5.7450i
38.9	0.4559-1.1708i	-5.2455-3.2310i	-1.6003-3.9920i	-0.0060-0.1872i	-2.2894-2.7101i	-2.5254-3.9759i	0.0881-0.0094i	-1.3938-5.9516i
39.0	0.4153-1.1620i	-5.4670-2.8013i	-1.7739-3.8980i	0.0428-0.1417i	-2.1559-2.0946i	-2.6699-3.7940i	0.1395+0.0277i	-1.7266-6.2461i
39.1	0.3832-1.1764i	-5.5818-2.5174i	-1.8818-3.8427i	0.0680-0.1219i	-2.0567-1.6687i	-2.7458-3.6727i	0.1666+0.0460i	-1.9504-6.4357i
39.2	0.3683-1.1961i	-5.6213-2.2562i	-2.0233-3.7895i	0.0856-0.1185i	-1.8610-1.3152i	-2.8482-3.5611i	0.1858+0.0444i	-2.2484-6.5786i
39.3	0.3173-1.2371i	-5.5344-1.9063i	-2.1725-3.6787i	0.1229-0.1015i	-1.5665-1.0464i	-2.9467-3.4093i	0.2282+0.0505i	-2.6233-6.6045i
39.4	0.2543-1.2519i	-5.5172-1.6787i	-2.3355-3.6012i	0.1344-0.0972i	-1.2965-0.8155i	-3.0511-3.3047i	0.2477+0.0494i	-3.0420-6.6217i
39.5	0.1807-1.2279i	-5.4982-1.4210i	-2.5110-3.4023i	0.1611-0.1087i	-0.8741-0.6789i	-3.1677-3.1082i	0.2717+0.0334i	-3.5611-6.3749i
39.6	0.1070-1.1823i	-5.5824-1.2451i	-2.6035-3.2531i	0.1380-0.0919i	-0.5970-0.7485i	-3.2434-2.9627i	0.2482+0.0411i	-3.7798-6.0356i
39.7	0.1154-1.1122i	-5.5267-0.8946i	-2.7053-3.0586i	0.1599-0.0257i	-0.5640-0.8394i	-3.3286-2.7551i	0.2730+0.0990i	-3.8066-5.7888i
39.8	0.1513-1.0958i	-5.2591-0.6565i	-2.7715-2.8620i	0.2408-0.0171i	-0.4623-0.6792i	-3.3402-2.5640i	0.3520+0.1013i	-4.0197-5.6949i
39.9	0.0956-1.0581i	-5.1782-0.6265i	-2.8432-2.6807i	0.2593-0.0322i	-0.1273-0.5249i	-3.3517-2.4106i	0.3729+0.0791i	-4.3424-5.3857i
40.0	0.0579-1.0634i	-5.0858-0.5193i	-2.8924-2.5120i	0.2808-0.0443i	0.0994-0.3940i	-3.3766-2.2466i	0.3967+0.0616i	-4.5915-5.1694i
40.1	0.0585-1.0555i	-4.9747-0.3964i	-2.8791-2.3212i	0.3038-0.0504i	0.2509-0.4728i	-3.3621-2.0885i	0.4162+0.0467i	-4.6362-4.8693i
40.2	0.0599-1.0512i	-4.9540-0.2970i	-2.8711-2.1709i	0.3228-0.0552i	0.4180-0.4841i	-3.3479-1.9557i	0.4298+0.0351i	-4.6683-4.6002i
40.3	0.0559-1.0292i	-4.8694-0.1878i	-2.8535-2.0273i	0.3371-0.0682i	0.6326-0.5631i	-3.3276-1.8322i	0.4400+0.0167i	-4.6438-4.2985i
40.4	0.0626-1.0408i	-4.7885-0.1191i	-2.7784-1.8883i	0.3681-0.0705i	0.6550-0.6028i	-3.2868-1.7129i	0.4694+0.0089i	-4.5515-4.1299i
40.5	0.0457-1.0138i	-4.7805-0.0753i	-2.7693-1.7576i	0.3930-0.0726i	0.9011-0.6694i	-3.2871-1.6003i	0.4903+0.0008i	-4.6197-3.8768i
40.6	0.0698-0.9912i	-4.7997+0.0033i	-2.7647-1.6245i	0.3991-0.0947i	1.0719-0.8764i	-3.2992-1.4804i	0.4904-0.0284i	-4.5404-3.5189i
40.7	0.0859-0.9897i	-4.7677+0.0514i	-2.6746-1.5287i	0.4117-0.0963i	1.0437-0.9227i	-3.2438-1.3691i	0.4988-0.0341i	-4.3432-3.4000i
40.8	0.1235-1.0085i	-4.7064+0.1782i	-2.6150-1.4227i	0.4488-0.0885i	1.1177-0.9279i	-3.2030-1.2410i	0.5251-0.0225i	-4.1597-3.3589i
40.9	0.1451-1.0428i	-4.6268+0.3243i	-2.5665-1.3013i	0.4781-0.1054i	1.1765-1.0320i	-3.1758-1.1213i	0.5451-0.0368i	-4.0463-3.3190i
41.0	0.1309-1.0973i	-4.5997+0.3933i	-2.4867-1.2778i	0.5026-0.1330i	1.3110-0.9307i	-3.1148-1.0479i	0.5639-0.0685i	-3.9975-3.3500i
41.1	0.0654-1.1612i	-4.4883+0.5471i	-2.4202-1.2136i	0.4877-0.1875i	1.4860-1.0549i	-3.0107-0.9241i	0.5481-0.1266i	-4.0681-3.3235i
41.2	0.0178-1.1820i	-4.4208+0.6337i	-2.3922-1.2109i	0.4815-0.2490i	1.6171-1.0551i	-2.9715-0.8621i	0.5400-0.1884i	-4.1899-3.3248i
41.3	-0.0288-1.1519i	-4.2770+0.7199i	-2.3611-1.1177i	0.4438-0.2498i	1.6612-1.3076i	-2.8971-0.7914i	0.5008-0.1869i	-4.2811-3.0672i
41.4	-0.0352-1.1787i	-4.2707+0.6390i	-2.3125-1.0902i	0.4777-0.2493i	1.7311-1.2138i	-2.8713-0.7439i	0.5340-0.1884i	-4.1852-3.0510i
41.5	-0.1246-1.2070i	-4.0943+0.7626i	-2.2305-1.0304i	0.4991-0.2873i	1.8953-1.3683i	-2.7742-0.6610i	0.5549-0.2214i	-4.4392-2.9984i
41.6	-0.1531-1.1771i	-4.0275+0.6880i	-2.1980-1.0288i	0.4937-0.2954i	1.9796-1.3909i	-2.7394-0.6646i	0.5398-0.2314i	-4.3246-2.7525i
41.7	-0.1609-1.2132i	-4.1116+0.6855i	-2.1913-1.0210i	0.4951-0.3097i	2.2374-1.3512i	-2.7556-0.6295i	0.5345-0.2478i	-4.1706-2.7962i
41.8	-0.2252-1.1982i	-4.0419+0.7835i	-2.1212-0.9598i	0.4845-0.3315i	2.1965-1.6544i	-2.6643-0.5528i	0.5280-0.2613i	-4.2083-2.7170i
41.9	-0.3157-1.1651i	-3.9684+0.8451i	-2.0819-0.9764i	0.4753-0.3736i	2.3817-1.8827i	-2.5869-0.5149i	0.5112-0.2955i	-4.3168-2.5588i
42.0	-0.3450-1.0695i	-3.8252+0.8524i	-2.0643-0.9601i	0.4438-0.3784i	2.3036-2.2186i	-2.5473-0.5085i	0.4799-0.2999i	-4.3269-2.3076i
42.1	-0.2989-1.0465i	-3.7948+0.8199i	-2.0238-0.9352i	0.4800-0.3648i	2.0538-2.3288i	-2.5663-0.4788i	0.5137-0.2887i	-4.1396-2.2043i
42.2	-0.2652-1.0187i	-3.7351+0.8870i	-2.0053-0.9130i	0.4773-0.3693i	1.7553-2.4404i	-2.5102-0.4158i	0.5060-0.2943i	-3.8217-2.0619i
42.3	-0.1950-1.0464i	-3.6335+0.8635i	-1.9763-0.9588i	0.5228-0.4432i	1.5542-2.2405i	-2.4466-0.3937i	0.5509-0.3660i	-3.4861-2.2053i
42.4	-0.2455-1.1012i	-3.6237+0.8381i	-2.0396-1.0008i	0.4705-0.5621i	1.7069-2.1169i	-2.4421-0.3687i	0.5009-0.4770i	-3.5602-2.4242i
42.5	-0.3186-1.0831i	-3.4774+0.8651i	-2.0697-0.9203i	0.3269-0.5317i	1.6874-2.0114i	-2.3747-0.3522i	0.3703-0.4439i	-3.7812-2.5953i
42.6	-0.2948-0.9770i	-3.5027+0.8083i	-2.0537-0.7968i	0.3027-0.4392i	1.9153-2.2696i	-2.3422-0.3318i	0.3445-0.3607i	-3.9521-2.3355i
42.7	-0.2775-0.9775i	-3.5897+0.7443i	-2.0259-0.7733i	0.3050-0.4286i	2.0651-2.4020i	-2.3222-0.3040i	0.3395-0.3503i	-4.0654-1.9813i
42.8	-0.2665-0.9589i	-3.6344+0.7930i	-2.0404-0.7385i	0.2556-0.4337i	2.1126-2.6776i	-2.3086-0.2439i	0.2887-0.3506i	-3.8849-1.7232i
42.9	-0.2580-0.9759i	-3.5769+0.8526i	-2.0377-0.7675i	0.2354-0.4113i	2.0839-2.7233i	-2.2562-0.2098i	0.2627-0.3246i	-3.7739-1.7108i
43.0	-0.2067-1.0008i	-3.4517+0.8133i	-2.0779-0.7125i	0.2413-0.3656i	2.1221-2.6789i	-2.1844-0.2010i	0.2645-0.2824i	-3.6780-1.7367i
43.1	-0.1609-1.0715i	-3.4690+0.7651i	-2.0355-0.6277i	0.2749-0.3498i	2.2369-2.7185i	-2.1466-0.2273i	0.3015-0.2684i	-3.6675-1.8325i
43.2	-0.1608-1.1353i	-3.5008+0.8436i	-1.9724-0.5692i	0.3082-0.3718i	2.1839-3.0728i	-2.1439-0.2072i	0.3409-0.2902i	-3.7920-1.7499i
43.3	-0.1621-1.2253i	-3.3695+0.8555i	-1.8717-0.5707i	0.3459-0.4034i	1.8246-3.3203i	-2.1332-0.2114i	0.3797-0.3209i	-3.7522-1.4881i
43.4	-0.1772-1.3078i	-3.3992+0.8539i	-1.8555-0.5413i	0.3227-0.3712i	1.5383-3.2420i	-2.1313-0.1923i	0.3550-0.2895i	-3.4324-1.4891i

43.5	-0.2282-1.3604i	-3.4804+0.9639i	-1.8769-0.5116i	0.2922-0.4388i	1.4391-3.4250i	-2.1120-0.1087i	0.3244-0.3549i	-3.0854-1.4027i
43.6	-0.3447-1.3432i	-3.4283+0.9377i	-1.9624-0.5222i	0.1917-0.4421i	1.6934-3.2540i	-2.0463-0.0985i	0.2188-0.3578i	-2.9655-1.5125i
43.7	-0.3633-1.3883i	-3.3347+0.9012i	-1.9255-0.4621i	0.2178-0.3785i	2.0463-3.4237i	-2.0249-0.1206i	0.2443-0.2902i	-3.1507-1.6479i
43.8	-0.4135-1.5212i	-3.3536+0.9296i	-1.8440-0.4270i	0.3083-0.3406i	2.0273-3.8304i	-2.0368-0.1136i	0.3355-0.2477i	-3.3006-1.7105i
43.9	-0.5946-1.5953i	-3.2263+1.0802i	-1.7689-0.3976i	0.3643-0.3733i	1.5983-4.0870i	-2.0128-0.0766i	0.3901-0.2750i	-3.4650-1.7216i
44.0	-0.7445-1.4923i	-3.2559+1.1334i	-1.8282-0.4165i	0.3087-0.5108i	1.5667-4.4593i	-2.0050-0.0141i	0.3406-0.4048i	-3.5572-1.2280i
44.1	-0.7321-1.4074i	-3.1868+1.2528i	-1.8810-0.3482i	0.1593-0.5428i	0.9605-4.9999i	-1.9492+0.0244i	0.1947-0.4371i	-2.9308-0.7421i
44.2	-0.7931-1.5111i	-2.9940+1.1224i	-1.7848-0.3534i	0.1032-0.5193i	-0.0175-4.3937i	-1.8956+0.0213i	0.1453-0.4126i	-2.4684-1.2289i
44.3	-1.0720-1.4598i	-2.8077+1.1049i	-1.7779-0.3853i	0.0188-0.5146i	0.0367-3.7231i	-1.8070+0.0512i	0.0663-0.4118i	-2.6646-1.3845i
44.4	-1.1215-1.2483i	-2.5495+1.0249i	-1.7730-0.3123i	-0.0177-0.3555i	0.3254-3.4046i	-1.7256-0.0137i	0.0267-0.2660i	-2.6162-1.5947i
44.5	-1.0765-1.1428i	-2.6740+0.9400i	-1.7626-0.2820i	0.0560-0.3392i	0.6786-3.9160i	-1.7635-0.0600i	0.0927-0.2542i	-2.8609-1.4848i
44.6	-1.0821-1.1181i	-2.5637+0.9322i	-1.7769-0.2644i	-0.0683-0.3371i	-0.0543-3.7057i	-1.7291-0.0415i	-0.0242-0.2580i	-2.4969-1.2888i
44.7	-1.0276-1.0515i	-2.4403+0.6896i	-1.7033-0.1615i	-0.0222-0.0642i	0.1076-3.1573i	-1.7056-0.1146i	0.0101+0.0093i	-2.2992-1.5921i
44.8	-1.0229-1.1736i	-2.5987+0.4611i	-1.7054-0.2025i	0.1005-0.0540i	0.7500-3.0534i	-1.7838-0.1328i	0.1231+0.0251i	-2.4520-1.7528i
44.9	-1.2079-1.2416i	-2.7646+0.3822i	-1.6290-0.2261i	0.2606-0.1045i	1.0473-3.4339i	-1.8444-0.0806i	0.2731-0.0132i	-2.8120-1.6576i
45.0	-1.3429-1.0826i	-2.8119+0.5476i	-1.6559-0.3249i	0.2396-0.2814i	0.5969-3.6593i	-1.7899-0.0163i	0.2632-0.1853i	-2.4707-1.5923i
45.1	-1.3294-0.9456i	-2.6661+0.5390i	-1.7042-0.2952i	0.1708-0.2935i	0.1746-3.4873i	-1.7321-0.0211i	0.1982-0.1985i	-2.4183-1.8889i
45.2	-1.2621-0.9080i	-2.4713+0.3424i	-1.6731-0.2541i	0.1709-0.2565i	0.0738-3.1821i	-1.7332-0.0614i	0.2034-0.1636i	-2.7280-1.9128i
45.3	-1.2749-0.8740i	-2.4749+0.1938i	-1.6141-0.1358i	0.1639-0.1602i	0.0699-3.0744i	-1.7117-0.0688i	0.1984-0.0644i	-2.9166-1.8955i
45.4	-1.3587-0.8610i	-2.6801+0.1083i	-1.5573-0.0926i	0.2346-0.1156i	0.5937-3.1358i	-1.7180-0.0565i	0.2602-0.0197i	-3.0071-1.5974i
45.5	-1.3697-0.8536i	-2.7685+0.0835i	-1.5319-0.1392i	0.2799-0.1619i	0.9236-3.5906i	-1.7342-0.0455i	0.2921-0.0705i	-2.7640-1.3325i
45.6	-1.4342-0.8485i	-2.7740+0.1391i	-1.5490-0.1905i	0.2838-0.2357i	0.5933-3.9884i	-1.7481-0.0222i	0.2960-0.1390i	-2.5986-1.3873i
45.7	-1.5279-0.7539i	-2.7889+0.0913i	-1.5448-0.2221i	0.2848-0.3129i	0.2751-3.9080i	-1.7538+0.0189i	0.3028-0.2181i	-2.7130-1.2597i
45.8	-1.5824-0.6126i	-2.7936+0.1273i	-1.5457-0.1759i	0.2510-0.2878i	-0.0608-4.0374i	-1.7068+0.0425i	0.2704-0.1805i	-2.5219-1.2984i
45.9	-1.6181-0.4713i	-2.8236+0.2185i	-1.5648-0.1698i	0.2316-0.3155i	-0.4663-4.1282i	-1.6666+0.0703i	0.2535-0.2044i	-2.3509-1.2483i
46.0	-1.5603-0.3748i	-2.6774+0.2111i	-1.6201-0.1279i	0.1285-0.3332i	-0.7932-3.9532i	-1.6228+0.0885i	0.1489-0.2265i	-2.0727-1.2614i
46.1	-1.4935-0.3369i	-2.6489-0.0464i	-1.6096-0.0394i	0.0322-0.2330i	-0.9542-3.2995i	-1.5736+0.0644i	0.0556-0.1329i	-1.8508-1.5209i
46.2	-1.5160-0.2930i	-2.8074-0.2543i	-1.5138-0.0298i	0.1433-0.1514i	-0.3678-3.0017i	-1.5914+0.0365i	0.1618-0.0578i	-2.0622-1.5772i
46.3	-1.5081-0.1847i	-2.8345-0.1749i	-1.4929-0.0708i	0.1556-0.1948i	-0.4024-3.2512i	-1.5891+0.0378i	0.1752-0.0936i	-1.9534-1.5643i
46.4	-1.4375-0.0347i	-2.8845-0.1129i	-1.5214-0.0231i	0.0753-0.1166i	-0.5806-3.3716i	-1.5449+0.0241i	0.0931-0.0099i	-1.6851-1.8893i
46.5	-1.3740-0.0076i	-2.8216-0.1748i	-1.5381+0.0248i	0.1001-0.0335i	-0.8784-3.3632i	-1.5429+0.0168i	0.1166+0.0773i	-1.6613-2.1392i
46.6	-1.3373+0.0073i	-2.7636-0.2638i	-1.5038+0.0659i	0.1791+0.0291i	-1.0889-2.8089i	-1.5354+0.0005i	0.1921+0.1407i	-1.7015-2.3851i
46.7	-1.2757+0.0423i	-2.8300-0.4863i	-1.4843+0.1099i	0.2797+0.0767i	-0.6778-2.5293i	-1.5438-0.0275i	0.2915+0.1888i	-1.8903-2.6823i
46.8	-1.2572+0.0331i	-2.9911-0.6624i	-1.4278+0.1284i	0.4184+0.0190i	-0.3045-2.6158i	-1.5860-0.0422i	0.4349+0.1400i	-2.2920-2.7782i
46.9	-1.2595+0.0778i	-3.1046-0.6195i	-1.3840+0.1132i	0.4508-0.0993i	-0.2326-2.8381i	-1.6182-0.0137i	0.4726+0.0255i	-2.5869-2.5675i
47.0	-1.2278+0.1752i	-3.2099-0.5745i	-1.3880+0.1235i	0.3923-0.1495i	-0.1342-3.0155i	-1.6233+0.0106i	0.4123-0.0209i	-2.7373-2.4750i
47.1	-1.1643+0.2050i	-3.3061-0.5709i	-1.3463+0.1213i	0.4094-0.1801i	-0.1845-3.2050i	-1.6370+0.0375i	0.4368-0.0480i	-2.7887-2.1871i
47.2	-1.0985+0.2404i	-3.3634-0.6573i	-1.3118+0.1285i	0.3986-0.1972i	-0.6364-3.1319i	-1.6282+0.0700i	0.4308-0.0653i	-2.6349-2.0062i
47.3	-1.0098+0.2478i	-3.3954-0.5917i	-1.3152+0.1449i	0.3205-0.1743i	-1.0763-2.8677i	-1.5853+0.0887i	0.3584-0.0495i	-2.3105-1.9789i
47.4	-0.9539+0.2225i	-3.4701-0.5931i	-1.3069+0.1730i	0.2851-0.0633i	-0.9898-2.3778i	-1.5383+0.0687i	0.3207+0.0534i	-2.1180-2.3381i
47.5	-0.9397+0.1669i	-3.6249-0.6758i	-1.2126+0.1771i	0.5321-0.0037i	-0.1887-2.2526i	-1.5819+0.0026i	0.5524+0.1189i	-2.5712-2.6623i
47.6	-1.0020+0.2045i	-3.6748-0.5896i	-1.1790+0.1085i	0.6193-0.1925i	-0.1751-2.7262i	-1.6494+0.0403i	0.6467-0.0572i	-2.7774-2.2484i
47.7	-0.9535+0.2480i	-3.5732-0.5617i	-1.2224+0.0935i	0.4861-0.3077i	-0.4743-2.7418i	-1.6111+0.1020i	0.5157-0.1809i	-2.3800-2.0646i
47.8	-0.9371+0.2546i	-3.6608-0.5566i	-1.2214+0.0941i	0.3981-0.3018i	-0.5712-2.7603i	-1.5815+0.1021i	0.4251-0.1746i	-2.1721-2.2163i
47.9	-0.8907+0.2710i	-3.6322-0.6211i	-1.2366+0.1312i	0.4205-0.2220i	-0.7524-2.5175i	-1.6015+0.1121i	0.4546-0.0985i	-2.2613-2.4921i
48.0	-0.8286+0.3054i	-3.7217-0.6165i	-1.2238+0.1237i	0.4409-0.2601i	-0.7268-2.1682i	-1.5832+0.1420i	0.4776-0.1387i	-2.2659-2.5032i
48.1	-0.7895+0.2993i	-3.7340-0.6234i	-1.2059+0.1447i	0.4646-0.3095i	-0.6283-2.1052i	-1.5500+0.1584i	0.5005-0.1826i	-2.2761-2.5548i
48.2	-0.7446+0.3137i	-3.7412-0.6389i	-1.2315+0.1704i	0.3475-0.3851i	-0.7457-2.1456i	-1.5089+0.1688i	0.3799-0.2566i	-2.0807-2.7148i
48.3	-0.6943+0.3102i	-3.8312-0.8276i	-1.2365+0.2306i	0.2399-0.2899i	-0.6388-1.8377i	-1.4743+0.1477i	0.2672-0.1652i	-2.1438-3.0658i
48.4	-0.6361+0.2771i	-3.8838-0.8773i	-1.1518+0.2512i	0.2523-0.1907i	-0.2297-1.8716i	-1.4667+0.0949i	0.2795-0.0541i	-2.4141-3.1438i
48.5	-0.6260+0.2770i	-3.9159-0.7949i	-1.1513+0.2603i	0.2475-0.1369i	-0.4540-1.8250i	-1.4821+0.0772i	0.2743+0.0025i	-2.4638-3.3374i
48.6	-0.6206+0.2427i	-4.0775-0.7857i	-1.0748+0.3053i	0.3688-0.0362i	0.0673-1.4023i	-1.5133+0.0523i	0.3985+0.0986i	-2.9137-3.4533i
48.7	-0.6160+0.2708i	-4.3391-0.9129i	-0.9895+0.2642i	0.4695-0.1360i	0.5733-1.8488i	-1.5403+0.0820i	0.4983+0.0047i	-3.1205-3.2365i
48.8	-0.5922+0.3340i	-4.2687-0.6712i	-1.0306+0.1734i	0.3515-0.2544i	0.2166-2.4835i	-1.5381+0.1382i	0.3792-0.1130i	-2.7840-2.9963i
48.9	-0.5313+0.2960i	-4.2000-0.5801i	-1.0797+0.2003i	0.3162-0.1296i	-0.2260-2.2971i	-1.5234+0.1125i	0.3427+0.0124i	-2.6128-3.2616i
49.0	-0.5111+0.2376i	-4.1871-0.7494i	-1.0283+0.2492i	0.4360-0.1206i	-0.1191-1.7723i	-1.5346+0.1115i	0.4644+0.0235i	-2.8782-3.3905i
49.1	-0.5003+0.2147i	-4.2579-0.7331i	-1.0001+0.2677i	0.4780-0.0968i	0.1448-1.5807i	-1.5543+0.1096i	0.5126+0.0518i	-3.0570-3.5393i
49.2	-0.5108+0.2098i	-4.3411-0.7284i	-0.9378+0.2858i	0.5737-0.0741i	0.5660-1.4010i	-1.5739+0.0879i	0.6074+0.0757i	-3.4077-3.8492i
49.3	-0.4921+0.2447i	-4.3921-0.6606i	-0.9239+0.2392i	0.5463-0.1938i	0.7194-1.6935i	-1.5883+0.0936i	0.5806-0.0350i	-3.7221-3.7433i
49.4	-0.4490+0.2506i	-4.5023-0.5711i	-0.9132+0.2372i	0.4936-0.1597i	0.7217-1.7966i	-1.5938+0.0957i	0.5348+0.0025i	-3.9385-3.6291i
49.5	-0.3964+0.2450i	-4.4315-0.7222i	-0.9158+0.2390i	0.4713-0.0975i	0.6842-1.7666i	-1.5777+0.1122i	0.5102+0.0588i	-3.7952-3.5366i
49.6	-0.3354+0.2255i	-4.4838-0.7498i	-0.9271+0.2730i	0.4990-0.0280i	0.8264-1.7040i	-1.6000+0.0717i	0.5415+0.1356i	-4.0931-3.7911i
49.7	-0.3030+0.1603i	-4.5092-0.7174i	-0.8674+0.3057i	0.5789+0.0182i	1.0113-1.7230i	-1.6477+0.0678i	0.6362+0.1807i	-4.6347-3.5882i

49.8	-0.3240+0.1303i	-4.6416-0.6877i	-0.8081+0.2939i	0.6480-0.0170i	1.1586-1.9176i	-1.6794+0.1087i	0.7102+0.1488i	-4.8899-3.1817i
49.9	-0.2978+0.0930i	-4.6890-0.5743i	-0.8030+0.2623i	0.6328+0.0022i	0.8693-1.8913i	-1.6498+0.1506i	0.6879+0.1627i	-4.3711-2.9855i
50.0	-0.3216+0.0500i	-4.4827-0.7174i	-0.7803+0.2942i	0.7458+0.0424i	1.1763-1.5314i	-1.6697+0.1452i	0.7922+0.2020i	-4.4754-3.4203i
50.1	-0.3649+0.0414i	-4.3910-0.7877i	-0.7449+0.2642i	0.8320-0.0407i	1.5611-1.7467i	-1.7168+0.1747i	0.8812+0.1195i	-4.7747-3.2210i
50.2	-0.3760+0.0470i	-4.3364-0.8820i	-0.7340+0.2460i	0.8864-0.0791i	1.7552-1.8693i	-1.7499+0.2032i	0.9340+0.0814i	-4.9163-3.0664i
50.3	-0.3752+0.0228i	-4.5517-0.9409i	-0.6728+0.2283i	1.0276-0.1543i	2.1795-2.2545i	-1.7980+0.2455i	1.0820+0.0063i	-5.2778-2.7397i
50.4	-0.3660+0.0405i	-4.6874-0.7864i	-0.6653+0.2061i	1.0370-0.2488i	2.0425-2.4974i	-1.7904+0.2817i	1.1003-0.0825i	-5.2621-2.5703i
50.5	-0.3660+0.0536i	-4.8607-0.7728i	-0.6563+0.1579i	1.0104-0.4328i	1.7412-2.8070i	-1.7723+0.3670i	1.0804-0.2681i	-5.0935-2.2007i
50.6	-0.3532+0.0610i	-4.7978-0.6138i	-0.6948+0.1455i	0.8487-0.4894i	1.4732-2.7974i	-1.7158+0.4056i	0.9236-0.3176i	-4.7372-2.1939i
50.7	-0.3054+0.0603i	-4.5443-0.8037i	-0.7158+0.2003i	0.7565-0.3698i	1.4764-2.4092i	-1.6854+0.3703i	0.8288-0.1971i	-4.7317-2.5440i
50.8	-0.2776+0.0348i	-4.5965-1.0046i	-0.6722+0.2603i	0.7412-0.2277i	2.0741-2.1887i	-1.6676+0.3502i	0.8137-0.0593i	-5.0961-2.6782i
50.9	-0.2800+0.0324i	-4.8217-1.3080i	-0.6149+0.2679i	0.7800-0.2028i	2.5580-2.6450i	-1.6836+0.3759i	0.8504-0.0330i	-5.3348-2.5950i
51.0	-0.2571+0.0248i	-4.8767-1.3008i	-0.5903+0.2399i	0.8111-0.1489i	2.4205-2.7021i	-1.6638+0.3644i	0.8781+0.0171i	-5.2922-2.6906i
51.1	-0.2557+0.0083i	-5.0006-1.3416i	-0.5236+0.1905i	0.9814-0.2552i	2.8030-3.4096i	-1.7383+0.4001i	1.0475-0.0844i	-5.6591-2.1922i
51.2	-0.1876+0.0420i	-5.2347-0.9122i	-0.5628+0.0858i	0.7545-0.4160i	1.8068-4.3210i	-1.6398+0.5159i	0.8319-0.2390i	-4.7653-1.5202i
51.3	-0.1730-0.0634i	-4.7929-1.0897i	-0.6144+0.1903i	0.8224-0.0028i	1.6362-2.8405i	-1.6018+0.3269i	0.8989+0.1794i	-4.8122-2.9581i
51.4	-0.1893-0.1409i	-5.1061-1.8842i	-0.4799+0.3057i	1.2527+0.1429i	2.8509-2.4894i	-1.7338+0.2675i	1.3314+0.3255i	-6.2040-3.3779i
51.5	-0.2232-0.1511i	-5.5617-2.1022i	-0.3366+0.2796i	1.5553-0.0676i	3.7481-3.2681i	-1.8459+0.3492i	1.6385+0.1192i	-7.1590-2.7175i
51.6	-0.2831-0.1535i	-6.0164-1.9176i	-0.2244+0.1448i	1.7526-0.5034i	4.0237-4.3764i	-1.9192+0.5102i	1.8468-0.3184i	-7.5136-1.5912i
51.7	-0.2837-0.1173i	-6.0164-1.9097i	-0.2609+0.0662i	1.4932-0.6156i	3.5688-4.7090i	-1.8039+0.5365i	1.5818-0.4280i	-6.8058-1.3689i
51.8	-0.2580-0.0763i	-5.8354-1.9866i	-0.3253+0.0110i	1.3153-0.6762i	3.1621-5.1759i	-1.7655+0.5541i	1.4008-0.4860i	-6.4331-1.3647i
51.9	-0.2013-0.1090i	-5.9391-2.0055i	-0.3282+0.0146i	1.3362-0.6590i	2.9371-5.2446i	-1.8103+0.5497i	1.4307-0.4727i	-6.6563-1.2409i
52.0	-0.2268-0.1679i	-6.0299-2.0344i	-0.2940-0.0094i	1.4474-0.6962i	2.9200-5.3593i	-1.8721+0.5951i	1.5439-0.5133i	-6.7814-0.9881i
52.1	-0.2906-0.1825i	-6.1525-1.7307i	-0.2482-0.1144i	1.5695-0.9132i	3.1275-5.9941i	-1.9320+0.7080i	1.6777-0.7354i	-7.0972-0.2619i
52.2	-0.3167-0.1684i	-6.4025-1.5810i	-0.2471-0.2361i	1.5309-1.2261i	2.7344-6.9888i	-1.8928+0.8567i	1.6448-1.0486i	-6.6880+0.5853i
52.3	-0.3093-0.1385i	-6.2440-1.3992i	-0.3752-0.2950i	1.2079-1.2795i	1.5944-7.0895i	-1.7646+0.8773i	1.3226-1.1009i	-5.6945+0.5469i
52.4	-0.2715-0.1596i	-6.5075-1.7900i	-0.3900-0.2073i	1.2285-1.0455i	1.4259-6.3863i	-1.7502+0.7999i	1.3408-0.8644i	-5.9437-0.1437i
52.5	-0.2912-0.1153i	-6.6970-2.1395i	-0.3903-0.2733i	1.2194-1.3122i	1.2336-7.0722i	-1.7485+0.9734i	1.3332-1.1345i	-5.6687+0.7883i
52.6	-0.2431-0.0939i	-6.7320-1.9922i	-0.4895-0.2618i	0.9511-1.2293i	0.3690-6.8416i	-1.6257+0.9786i	1.0602-1.0512i	-4.6831+0.4935i
52.7	-0.2038-0.1189i	-6.6197-2.1875i	-0.5226-0.1769i	0.9416-1.0248i	0.2672-6.0732i	-1.5685+0.9030i	1.0506-0.8461i	-4.7353-0.2788i
52.8	-0.1272-0.1829i	-6.9948-2.3191i	-0.4468-0.1423i	1.0928-1.0971i	0.5463-6.0343i	-1.5700+0.9067i	1.2117-0.9154i	-5.3479-0.4430i
52.9	-0.0926-0.2605i	-7.5002-2.6929i	-0.3609-0.0531i	1.1670-0.8799i	0.7653-5.4395i	-1.5944+0.8003i	1.2865-0.6886i	-5.6424-1.0684i
53.0	-0.1041-0.3513i	-8.6056-2.8252i	-0.1205-0.0910i	1.7310-0.9255i	2.0512-5.7362i	-1.8435+0.8328i	1.8597-0.7342i	-7.1228-0.6688i
53.1	-0.1119-0.3806i	-8.7865-2.3828i	-0.0958-0.2088i	1.8015-1.2042i	2.1153-6.4530i	-1.8610+0.9625i	1.9347-1.0212i	-6.9749+0.0471i
53.2	-0.1746-0.4647i	-8.7847-2.3258i	-0.1344-0.3359i	1.6874-1.5354i	1.4041-7.2580i	-1.8277+1.1243i	1.8182-1.3539i	-6.3308+0.7167i
53.3	-0.3041-0.4818i	-9.0178-1.6359i	-0.2118-0.4794i	1.4063-1.8642i	0.7837-7.4961i	-1.6692+1.2841i	1.5371-1.6790i	-5.8177+1.0737i
53.4	-0.3605-0.3297i	-8.9623-1.4832i	-0.3507-0.5085i	1.0773-1.8214i	0.2279-7.6732i	-1.4993+1.2715i	1.2166-1.6304i	-5.4202+0.9923i
53.5	-0.2023-0.3219i	-8.7995-1.7139i	-0.3775-0.3641i	1.1615-1.4455i	0.0034-6.9567i	-1.4862+1.1023i	1.3093-1.2654i	-5.6188+0.3326i
53.6	-0.1588-0.5162i	-9.1566-1.8691i	-0.2502-0.3611i	1.5055-1.5143i	0.3092-6.6038i	-1.6180+1.0921i	1.6522-1.3415i	-6.0665+0.3459i
53.7	-0.3205-0.5581i	-9.4934-1.7940i	-0.2696-0.4173i	1.3999-1.6791i	0.4220-6.2185i	-1.6125+1.1889i	1.5381-1.4929i	-6.0139+0.0056i
53.8	-0.3872-0.5439i	-10.0612-1.6704i	-0.1487-0.4759i	1.6446-1.8556i	1.4319-6.8314i	-1.6760+1.2824i	1.7861-1.6613i	-7.0006+0.3719i
53.9	-0.4864-0.5311i	-10.7105-1.2388i	-0.1042-0.7198i	1.7172-2.4953i	1.5514-8.6404i	-1.6801+1.5631i	1.8730-2.2930i	-7.2980+1.8782i
54.0	-0.4423-0.4510i	-10.8782-0.7478i	-0.2751-0.7905i	1.2378-2.6365i	0.1131-9.0901i	-1.4636+1.6087i	1.4022-2.4380i	-6.2729+2.2731i
54.1	-0.3679-0.4559i	-10.4393-0.5134i	-0.4188-0.7353i	0.9090-2.5213i	-0.9067-8.6555i	-1.3395+1.5789i	1.0757-2.3260i	-5.5944+1.8016i
54.2	-0.3765-0.5583i	-10.9224-0.3349i	-0.3111-0.7034i	1.1659-2.4241i	-0.2741-8.2244i	-1.4163+1.5391i	1.3477-2.2405i	-6.7083+1.7580i
54.3	-0.4675-0.5719i	-11.1425+0.0942i	-0.2905-0.8971i	1.1733-2.9204i	-0.2719-9.3348i	-1.4044+1.7565i	1.3644-2.7463i	-6.6594+3.2701i
54.4	-0.5335-0.5066i	-10.6807+0.5787i	-0.5343-0.9818i	0.5822-3.1391i	-1.6784-9.6826i	-1.1457+1.8487i	0.7698-2.9692i	-5.1412+3.7360i
54.5	-0.5201-0.4887i	-10.4348+0.7059i	-0.7391-0.9262i	-0.0141-2.9849i	-3.1694-9.1603i	-0.8278+1.7856i	0.1798-2.8150i	-3.9064+3.2559i
54.6	-0.5125-0.4612i	-10.2583+0.4805i	-0.8339-0.7708i	-0.2564-2.6160i	-3.6578-8.1518i	-0.7010+1.6170i	-0.0613-2.4493i	-3.5612+2.3822i
54.7	-0.5206-0.5108i	-10.3235+0.2578i	-0.7691-0.6474i	-0.0913-2.3262i	-3.0760-7.4116i	-0.7574+1.4881i	0.1042-2.1654i	-4.3271+1.8580i
54.8	-0.6283-0.5645i	-10.7466+0.6214i	-0.6276-0.7311i	0.2597-2.5278i	-1.9707-8.2171i	-0.9115+1.5545i	0.4506-2.3741i	-5.1596+2.7934i
54.9	-0.7353-0.5277i	-10.7172+0.9373i	-0.7424-0.8814i	-0.0963-2.8956i	-3.1319-9.3231i	-0.7428+1.7105i	0.0975-2.7350i	-4.1179+3.6842i
55.0	-0.7143-0.4552i	-10.6596+1.1569i	-0.8746-0.8356i	-0.4882-2.7394i	-4.2569-8.7610i	-0.5424+1.6358i	-0.2894-2.5835i	-3.2076+3.2653i
55.1	-0.6879-0.4275i	-10.6397+1.2046i	-0.9042-0.7595i	-0.6002-2.5337i	-4.5595-8.1129i	-0.4763+1.5405i	-0.4021-2.3836i	-3.0088+2.8235i
55.2	-0.6838-0.3957i	-10.6958+1.1811i	-0.8964-0.7077i	-0.6505-2.3757i	-4.6890-7.6109i	-0.4240+1.4537i	-0.4532-2.2317i	-2.8678+2.5882i
55.3	-0.6479-0.3789i	-10.8230+1.2023i	-0.8899-0.6581i	-0.6649-2.1598i	-4.7341-7.0044i	-0.3929+1.3297i	-0.4642-2.0197i	-2.7046+2.2008i
55.4	-0.6257-0.3907i	-10.9518+1.1865i	-0.8454-0.5998i	-0.5554-1.9551i	-4.4941-6.3202i	-0.4067+1.2223i	-0.3576-1.8195i	-2.8865+1.7087i
55.5	-0.6278-0.4001i	-11.2851+1.2950i	-0.7314-0.6559i	-0.2642-2.1786i	-3.7555-6.8033i	-0.5261+1.3018i	-0.0649-2.0432i	-3.5965+2.1804i
55.6	-0.6818-0.3476i	-11.0478+1.8202i	-0.8674-0.7442i	-0.5755-2.4179i	-4.4844-7.4228i	-0.4382+1.3912i	-0.3706-2.2850i	-2.9618+2.7491i
55.7	-0.6532-0.3341i	-10.9678+1.8875i	-0.9419-0.7162i	-0.8337-2.2963i	-5.1528-7.0108i	-0.3059+1.3350i	-0.6328-2.1697i	-2.3515+2.4259i
55.8	-0.5892-0.3405i	-11.1500+1.7426i	-0.9423-0.6813i	-0.9041-2.1254i	-5.3362-6.5184i	-0.2438+1.2376i	-0.6998-1.9990i	-2.1616+2.0804i
55.9	-0.6206-0.3789i	-11.0839+1.9462i	-0.9838-0.6375i	-0.9228-1.9179i	-5.2630-5.9998i	-0.2536+1.1253i	-0.7163-1.7941i	-2.2600+1.6050i
56.0	-0.6081-0.4261i	-11.2431+1.9011i	-0.8829-0.5846i	-0.6328-1.7426i	-4.5031-5.4925i	-0.3556+1.0196i	-0.4265-1.6191i	-2.9707+1.1533i

56.1	-0.7048-0.5101i	-11.4068+2.4839i	-0.8435-0.7864i	-0.5247-2.3182i	-4.1895-6.8187i	-0.4049+1.2201i	-0.3197-2.1960i	-3.1592+2.4161i
56.2	-0.7012-0.4723i	-11.4215+2.5439i	-0.9601-0.8087i	-0.9231-2.3209i	-5.1689-6.7755i	-0.2460+1.2100i	-0.7186-2.1999i	-2.2956+2.4119i
56.3	-0.6749-0.5272i	-11.6253+2.8487i	-0.9839-0.7320i	-0.9807-2.0454i	-5.3918-6.0699i	-0.2296+1.0762i	-0.7803-1.9307i	-2.0702+1.8394i
56.4	-0.6638-0.4898i	-11.8063+2.8887i	-1.0118-0.6926i	-1.0589-1.8897i	-5.5389-5.7177i	-0.1926+0.9976i	-0.8542-1.7798i	-2.0120+1.6257i
56.5	-0.7265-0.4373i	-11.6162+2.6077i	-1.0410-0.6465i	-1.1222-1.7735i	-5.6997-5.4292i	-0.1572+0.9359i	-0.9112-1.6613i	-1.9393+1.4239i
56.6	-0.7070-0.4372i	-11.7516+2.5810i	-1.0311-0.6244i	-1.0997-1.6726i	-5.6668-5.1439i	-0.1578+0.8723i	-0.8909-1.5683i	-1.9324+1.2532i
56.7	-0.7207-0.4304i	-11.7896+2.6861i	-1.0447-0.6166i	-1.1148-1.5990i	-5.6691-4.8592i	-0.1457+0.8088i	-0.9099-1.4975i	-1.9671+1.0263i
56.8	-0.7180-0.4559i	-11.8025+2.8108i	-1.0629-0.6062i	-1.1317-1.5230i	-5.6598-4.6121i	-0.1638+0.7423i	-0.9309-1.4255i	-1.9906+0.8832i
56.9	-0.7499-0.4821i	-12.0372+2.9001i	-1.0578-0.5933i	-1.0774-1.4736i	-5.4992-4.4008i	-0.2199+0.7237i	-0.8740-1.3810i	-2.1125+0.7989i
57.0	-0.7652-0.5266i	-12.0345+2.9095i	-1.0390-0.5606i	-1.0083-1.3622i	-5.3314-4.0390i	-0.2600+0.6592i	-0.8022-1.2702i	-2.2682+0.5485i
57.1	-0.7670-0.5940i	-12.3141+3.0327i	-0.9624-0.5568i	-0.7554-1.3111i	-4.6665-3.9259i	-0.3633+0.6089i	-0.5578-1.2134i	-2.6517+0.4335i
57.2	-0.8976-0.6082i	-12.4422+3.5042i	-0.9554-0.7136i	-0.6675-1.6876i	-4.5561-4.8753i	-0.4365+0.7204i	-0.4714-1.5899i	-2.7133+1.1086i
57.3	-0.9562-0.5828i	-12.6250+3.4183i	-1.0507-0.7080i	-0.9118-1.6773i	-5.1706-4.7731i	-0.3673+0.7160i	-0.7193-1.5821i	-2.2832+1.0322i
57.4	-0.9358-0.6536i	-13.0033+3.8664i	-1.0645-0.6817i	-0.8977-1.5743i	-5.2193-4.4545i	-0.3952+0.6686i	-0.7122-1.4832i	-2.1748+0.8576i
57.5	-0.9529-0.6625i	-13.1886+3.7802i	-1.1040-0.6595i	-0.9604-1.5021i	-5.4140-4.2572i	-0.3797+0.6492i	-0.7693-1.4114i	-2.1130+0.7191i
57.6	-1.0417-0.6516i	-13.4025+3.8362i	-1.1093-0.6543i	-0.9768-1.4860i	-5.3753-4.1063i	-0.3918+0.6606i	-0.7807-1.3930i	-2.1750+0.6659i
57.7	-1.1544-0.6437i	-13.5294+4.1884i	-1.1509-0.6455i	-1.0133-1.4908i	-5.3176-4.0130i	-0.4097+0.6702i	-0.8204-1.3892i	-2.2881+0.5291i
57.8	-1.1773-0.6544i	-13.6872+4.4497i	-1.1764-0.6201i	-1.0377-1.4793i	-5.3092-3.8914i	-0.4139+0.6735i	-0.8496-1.3790i	-2.2776+0.3944i
57.9	-1.2732-0.6515i	-13.7532+4.9534i	-1.1735-0.6113i	-0.9985-1.4487i	-5.2293-3.7644i	-0.4407+0.6576i	-0.8100-1.3534i	-2.3679+0.2759i
58.0	-1.3566-0.6663i	-14.1995+5.2039i	-1.1624-0.6006i	-0.9777-1.4009i	-5.1991-3.6405i	-0.4524+0.6290i	-0.7872-1.3037i	-2.4226+0.1748i
58.1	-1.5600-0.5510i	-14.5281+5.6151i	-1.1715-0.5890i	-0.9562-1.3908i	-5.1739-3.5573i	-0.4731+0.6473i	-0.7595-1.2940i	-2.6224+0.1130i
58.2	-1.5739-0.4190i	-14.5771+6.0819i	-1.2126-0.5746i	-1.0294-1.3828i	-5.1376-3.5536i	-0.4576+0.6553i	-0.8369-1.2888i	-2.6564+0.1068i
58.3	-1.5764-0.3339i	-14.7491+6.6026i	-1.2301-0.5682i	-1.0471-1.3781i	-5.1006-3.5306i	-0.4501+0.6498i	-0.8511-1.2789i	-2.7153+0.1146i
58.4	-1.6157-0.2087i	-14.7166+7.3656i	-1.2387-0.5757i	-1.0386-1.4000i	-5.0367-3.4280i	-0.4622+0.6572i	-0.8405-1.2947i	-2.8427+0.1286i
58.5	-1.6366-0.1746i	-14.6998+7.7834i	-1.2292-0.5650i	-0.9859-1.3905i	-4.9627-3.3592i	-0.4860+0.6611i	-0.7902-1.2840i	-2.8915+0.0963i
58.6	-1.6873-0.0994i	-15.0110+8.7970i	-1.2301-0.5797i	-0.9658-1.4682i	-4.9339-3.4339i	-0.5195+0.6927i	-0.7710-1.3660i	-2.9960+0.1931i
58.7	-1.6968+0.0536i	-14.8759+9.5719i	-1.2731-0.5845i	-1.0681-1.5447i	-5.0680-3.5085i	-0.4963+0.7311i	-0.8665-1.4381i	-3.0737+0.2337i
58.8	-1.6597+0.2030i	-14.6334+10.5561i	-1.2991-0.5686i	-1.1738-1.5318i	-5.1227-3.4810i	-0.4593+0.7534i	-0.9682-1.4316i	-3.0569+0.2924i
58.9	-1.6651+0.2229i	-14.4418+11.2815i	-1.3109-0.5551i	-1.1897-1.4990i	-5.0947-3.4201i	-0.4570+0.7504i	-0.9852-1.3994i	-3.0472+0.3026i
59.0	-1.5811+0.3060i	-13.5154+12.3159i	-1.3432-0.5359i	-1.2455-1.4959i	-5.0808-3.3510i	-0.4511+0.7545i	-1.0364-1.3901i	-3.1326+0.3179i
59.1	-1.5366+0.4208i	-12.1049+13.4513i	-1.3542-0.5529i	-1.2811-1.5617i	-5.0654-3.3579i	-0.4567+0.7924i	-1.0726-1.4556i	-3.2140+0.3999i
59.2	-1.4571+0.3754i	-10.7998+14.5071i	-1.3447-0.4832i	-1.2902-1.4465i	-5.1072-3.1826i	-0.4298+0.7687i	-1.0790-1.3476i	-3.1595+0.4299i
59.3	-1.4430+0.4447i	-9.2796+15.3662i	-1.3688-0.4475i	-1.4153-1.4443i	-5.1975-3.0472i	-0.3571+0.7972i	-1.1940-1.3516i	-3.1802+0.5171i
59.4	-1.4887+0.4436i	-7.0896+15.3391i	-1.3144-0.4724i	-1.3162-1.4966i	-4.9859-2.9671i	-0.3790+0.8063i	-1.0993-1.4026i	-3.2474+0.4965i
59.5	-1.3739+0.4330i	-4.8207+14.5938i	-1.3002-0.4194i	-1.3582-1.3339i	-5.0097-2.8424i	-0.3281+0.7395i	-1.1432-1.2502i	-3.1273+0.5780i
59.6	-1.3463+0.4752i	-3.1184+12.9950i	-1.2944-0.3892i	-1.3913-1.2180i	-4.9628-2.7737i	-0.2978+0.6995i	-1.1791-1.1424i	-3.0381+0.6267i
59.7	-1.3703+0.4752i	-2.1522+10.7874i	-1.2717-0.4289i	-1.3700-1.2651i	-4.8926-2.8065i	-0.2929+0.6972i	-1.1617-1.1881i	-3.0617+0.6144i
59.8	-1.3231+0.5637i	-1.3369+9.1029i	-1.2904-0.4450i	-1.4477-1.2949i	-4.8645-2.9215i	-0.2636+0.6974i	-1.2427-1.2153i	-3.0630+0.5997i
59.9	-1.2838+0.5868i	-0.8903+7.8116i	-1.2915-0.4562i	-1.4507-1.2472i	-4.8353-2.8910i	-0.2689+0.6491i	-1.2586-1.1560i	-3.0124+0.6063i
60.0	-1.3704+0.5790i	-1.4605+6.0469i	-1.2651-0.5015i	-1.3693-1.2065i	-4.7864-2.7375i	-0.3076+0.5896i	-1.1904-1.1116i	-2.9356+0.5358i
60.1	-1.2720+0.6278i	-2.2889+4.0041i	-1.2971-0.5061i	-1.4384-1.2342i	-4.8126-2.8218i	-0.2772+0.5939i	-1.2567-1.1363i	-2.9142+0.5414i
60.2	-1.3281+0.7000i	-3.4700+3.4445i	-1.3447-0.5157i	-1.5360-1.2666i	-4.7954-2.8791i	-0.2777+0.6082i	-1.3307-1.1799i	-2.9426+0.4549i
60.3	-1.3398+0.7711i	-3.9607+2.9111i	-1.3608-0.4913i	-1.5750-1.1734i	-4.8501-2.8033i	-0.2704+0.5657i	-1.3707-1.0909i	-2.9340+0.4029i
60.4	-1.3473+0.8646i	-4.8188+2.4803i	-1.3690-0.5017i	-1.5218-1.1680i	-4.7862-2.7980i	-0.3124+0.5602i	-1.3225-1.0806i	-2.9792+0.3411i
60.5	-1.2262+0.9779i	-6.0939+1.3247i	-1.3821-0.5125i	-1.5350-1.1738i	-4.7497-2.8346i	-0.3294+0.5666i	-1.3292-1.0818i	-3.0891+0.3511i
60.6	-1.1402+1.0349i	-6.8330+1.2721i	-1.4136-0.5022i	-1.6293-1.1216i	-4.8601-2.8457i	-0.3034+0.5403i	-1.4180-1.0274i	-3.1299+0.3729i
60.7	-1.0033+1.0922i	-7.2129+1.3623i	-1.4589-0.4917i	-1.7034-1.0886i	-4.8430-2.8602i	-0.2875+0.5397i	-1.4942-0.9931i	-3.1509+0.3679i
60.8	-0.8987+1.1215i	-8.0296+1.3294i	-1.5026-0.4794i	-1.7641-1.0755i	-4.9006-2.8713i	-0.2803+0.5504i	-1.5522-0.9801i	-3.1962+0.4020i
60.9	-0.8343+1.0945i	-8.8550+0.9574i	-1.5127-0.4483i	-1.7642-1.0266i	-4.9248-2.8122i	-0.2823+0.5389i	-1.5504-0.9331i	-3.2218+0.4067i
61.0	-0.8225+1.0918i	-9.3142+0.8578i	-1.5228-0.4426i	-1.7690-0.9948i	-4.9086-2.7911i	-0.2927+0.5086i	-1.5582-0.9007i	-3.2477+0.3580i
61.1	-0.7388+1.0635i	-9.7530+0.9847i	-1.5358-0.4092i	-1.7945-0.9054i	-4.9346-2.7198i	-0.2855+0.4738i	-1.5759-0.8089i	-3.2567+0.3721i
61.2	-0.6230+1.0867i	-10.5397+0.8854i	-1.5542-0.3937i	-1.8228-0.8530i	-4.9563-2.7311i	-0.2863+0.4716i	-1.6052-0.7574i	-3.2945+0.4216i
61.3	-0.5583+1.1022i	-10.7679+0.4629i	-1.5558-0.3908i	-1.8175-0.8252i	-4.9456-2.7352i	-0.2956+0.4646i	-1.6000-0.7298i	-3.3497+0.4393i
61.4	-0.4670+1.0284i	-11.4263+0.9441i	-1.5479-0.3487i	-1.7745-0.7025i	-4.9998-2.6555i	-0.3132+0.4153i	-1.5529-0.6133i	-3.3053+0.4012i
61.5	-0.4011+0.9689i	-12.1741+0.6683i	-1.5619-0.3237i	-1.7652-0.6424i	-5.0545-2.6303i	-0.3310+0.4050i	-1.5427-0.5582i	-3.3071+0.4495i
61.6	-0.3814+0.9290i	-12.7038+0.7366i	-1.5746-0.3105i	-1.7761-0.6004i	-5.0547-2.6021i	-0.3402+0.3968i	-1.5531-0.5124i	-3.3149+0.4874i
61.7	-0.3837+0.9088i	-12.9603+1.1253i	-1.5773-0.2900i	-1.7579-0.5521i	-5.0491-2.5832i	-0.3685+0.3894i	-1.5350-0.4594i	-3.3343+0.4502i
61.8	-0.4109+0.8847i	-13.9914+1.4739i	-1.5685-0.2808i	-1.6999-0.5328i	-4.9850-2.5615i	-0.4151+0.3817i	-1.4787-0.4367i	-3.3402+0.4307i
61.9	-0.3724+0.8349i	-14.7113+1.3325i	-1.5660-0.2619i	-1.7229-0.5414i	-4.9703-2.5017i	-0.4169+0.3760i	-1.5013-0.4510i	-3.3843+0.4325i
62.0	-0.3638+0.8029i	-14.5347+0.7410i	-1.5400-0.2555i	-1.6172-0.4965i	-5.0056-2.4026i	-0.4511+0.3603i	-1.3935-0.4102i	-3.4397+0.4190i
62.1	-0.3825+0.8601i	-14.8789+1.0384i	-1.5199-0.2566i	-1.5303-0.5199i	-4.9854-2.3690i	-0.4806+0.3916i	-1.3073-0.4277i	-3.4694+0.4098i
62.2	-0.3170+0.8623i	-15.6570+2.0081i	-1.5214-0.2269i	-1.5261-0.4565i	-4.9579-2.3144i	-0.4735+0.3802i	-1.3058-0.3669i	-3.4695+0.4921i
62.3	-0.2846+0.8527i	-15.9981+2.0651i	-1.5151-0.2186i	-1.4939-0.4069i	-4.9786-2.3238i	-0.4956+0.3762i	-1.2688-0.3189i	-3.5106+0.5475i

62.4	-0.2754+0.8582i	-16.3162+1.4721i	-1.5058-0.2071i	-1.4561-0.4204i	-4.9314-2.2813i	-0.5248+0.3946i	-1.2248-0.3317i	-3.5643+0.5499i
62.5	-0.2623+0.8535i	-16.5486+1.2708i	-1.5095-0.2169i	-1.4450-0.4702i	-4.9291-2.2369i	-0.5453+0.4109i	-1.2098-0.3865i	-3.5650+0.5544i
62.6	-0.2007+0.8518i	-17.6272+1.0199i	-1.5256-0.2274i	-1.4725-0.5495i	-5.0108-2.2323i	-0.5376+0.4350i	-1.2382-0.4610i	-3.5568+0.5738i
62.7	-0.1544+0.8493i	-18.6957+2.0285i	-1.5291-0.2379i	-1.4446-0.5886i	-5.0023-2.1924i	-0.5536+0.4508i	-1.2114-0.4993i	-3.5753+0.5739i
62.8	-0.1192+0.8291i	-19.4787+1.9638i	-1.5185-0.2358i	-1.4556-0.6042i	-4.8798-2.1516i	-0.5535+0.4482i	-1.2219-0.5175i	-3.5906+0.5759i
62.9	-0.0742+0.8084i	-20.5324+1.5419i	-1.5228-0.2609i	-1.4226-0.7217i	-4.8723-2.1197i	-0.5709+0.4942i	-1.1862-0.6382i	-3.6283+0.6166i
63.0	-0.0567+0.7948i	-20.4646+2.2129i	-1.5144-0.2584i	-1.3509-0.7441i	-4.8697-2.0902i	-0.6138+0.5046i	-1.1158-0.6673i	-3.6856+0.6014i
63.1	-0.0374+0.7854i	-20.9053+2.8547i	-1.5271-0.2634i	-1.4362-0.7730i	-4.7931-2.1171i	-0.6123+0.5109i	-1.2013-0.6911i	-3.6995+0.5387i
63.2	0.0036+0.7550i	-21.1392+3.1248i	-1.5313-0.2547i	-1.4952-0.8358i	-4.7681-2.0742i	-0.6143+0.5444i	-1.2613-0.7468i	-3.7845+0.5268i
63.3	0.0120+0.7012i	-22.6810+4.1293i	-1.5299-0.2477i	-1.5153-0.7904i	-4.6774-2.0666i	-0.6147+0.5253i	-1.2783-0.6959i	-3.7691+0.5180i
63.4	0.0412+0.6646i	-24.1858+3.5272i	-1.5500-0.2590i	-1.5966-0.8072i	-4.6410-2.0655i	-0.6025+0.5362i	-1.3607-0.7171i	-3.7459+0.5832i
63.5	0.1168+0.6802i	-25.8049+3.4298i	-1.5961-0.2851i	-1.7851-0.8774i	-4.6018-2.1900i	-0.5815+0.5646i	-1.5421-0.7881i	-3.8587+0.6438i
63.6	0.1311+0.6468i	-25.6735+5.2689i	-1.5864-0.2693i	-1.7907-0.8174i	-4.6045-2.2007i	-0.5979+0.5541i	-1.5439-0.7300i	-3.9219+0.6377i
63.7	0.1382+0.5987i	-27.2185+5.8000i	-1.5864-0.2571i	-1.9060-0.7875i	-4.5181-2.1261i	-0.5738+0.5726i	-1.6672-0.7057i	-3.9330+0.7046i
63.8	0.1640+0.6177i	-28.6009+5.4083i	-1.6265-0.2746i	-2.0600-0.7430i	-4.4976-2.2240i	-0.5527+0.5827i	-1.8204-0.6616i	-3.9919+0.7170i
63.9	0.2033+0.6029i	-30.5097+6.7133i	-1.6334-0.2561i	-2.1843-0.6421i	-4.4119-2.2211i	-0.5264+0.5863i	-1.9465-0.5678i	-4.0090+0.8537i
64.0	0.2164+0.5908i	-31.7321+7.7785i	-1.6144-0.2595i	-2.0734-0.5903i	-4.3271-2.2671i	-0.5749+0.5742i	-1.8351-0.5105i	-4.0233+0.8614i
64.1	0.2697+0.5630i	-32.6073+8.1725i	-1.6293-0.2653i	-2.1582-0.6128i	-4.3072-2.3967i	-0.5747+0.5893i	-1.9245-0.5230i	-4.0617+0.8590i
64.2	0.3180+0.5275i	-32.9753+9.2293i	-1.6305-0.2583i	-2.2170-0.5797i	-4.3572-2.3432i	-0.5562+0.6147i	-1.9771-0.4862i	-4.1121+0.8995i
64.3	0.3672+0.4811i	-34.3651+11.3230i	-1.6597-0.2694i	-2.3392-0.4906i	-4.2987-2.5784i	-0.5483+0.6337i	-2.0941-0.3975i	-4.1922+0.9611i
64.4	0.4241+0.4184i	-37.0885+13.8535i	-1.6878-0.2592i	-2.4988-0.3101i	-4.2115-2.7363i	-0.5128+0.6149i	-2.2635-0.2201i	-4.1349+1.0782i
64.5	0.4603+0.3860i	-37.5805+16.1625i	-1.6803-0.2577i	-2.5116-0.2546i	-4.1913-2.8644i	-0.5221+0.6478i	-2.2773-0.1594i	-4.1767+1.2014i
64.6	0.4584+0.3052i	-39.7803+17.7222i	-1.7087-0.2558i	-2.4865-0.1758i	-4.1845-2.9739i	-0.5446+0.6326i	-2.2482-0.0702i	-4.0825+1.2409i
64.7	0.5071+0.2404i	-40.6273+20.5862i	-1.7325-0.2674i	-2.5497-0.0134i	-4.2883-3.1001i	-0.4982+0.6264i	-2.3084+0.0906i	-4.0204+1.3032i
64.8	0.5249+0.2825i	-41.2314+20.9434i	-1.7580-0.3118i	-2.6965-0.0215i	-4.2023-3.2815i	-0.5030+0.6618i	-2.4570+0.0854i	-4.1509+1.3538i
64.9	0.5769+0.2554i	-41.2691+24.3671i	-1.7861-0.3043i	-2.6985+0.1342i	-4.3847-3.4226i	-0.5141+0.6589i	-2.4543+0.2494i	-4.1310+1.3755i
65.0	0.6333+0.1712i	-41.2882+28.3783i	-1.8176-0.2861i	-2.7521+0.3262i	-4.4885-3.6361i	-0.4759+0.6653i	-2.5069+0.4564i	-3.9590+1.4320i
65.1	0.6408+0.1062i	-41.8555+30.1260i	-1.8363-0.2813i	-2.7671+0.4377i	-4.4873-3.7649i	-0.4711+0.6660i	-2.5207+0.5755i	-3.9220+1.4915i
65.2	0.6925+0.0601i	-42.1948+35.6670i	-1.8801-0.2794i	-2.6731+0.5800i	-4.6373-3.9908i	-0.5199+0.6666i	-2.4255+0.7298i	-3.9546+1.4587i
65.3	0.7248-0.0137i	-38.3760+38.7035i	-1.8750-0.2531i	-2.5428+0.6779i	-4.8526-4.0064i	-0.5301+0.6582i	-2.2784+0.8308i	-3.9645+1.3995i
65.4	0.7568-0.0849i	-37.4002+42.8394i	-1.8861-0.2627i	-2.4962+0.7792i	-4.9832-4.2743i	-0.5555+0.6855i	-2.2199+0.9493i	-3.9865+1.3349i
65.5	0.8152-0.1799i	-36.9234+44.7192i	-1.9018-0.2580i	-2.5136+0.9076i	-5.1201-4.3201i	-0.5729+0.6954i	-2.2321+1.0813i	-4.0757+1.3284i
65.6	0.8116-0.2691i	-34.9327+48.4484i	-1.9179-0.2489i	-2.4865+1.1027i	-5.3160-4.4805i	-0.5593+0.7025i	-2.1899+1.2865i	-4.1018+1.3103i
65.7	0.8011-0.3288i	-32.9477+51.2696i	-1.9347-0.2796i	-2.4034+1.2472i	-5.4647-4.6979i	-0.5552+0.7245i	-2.0948+1.4380i	-4.0620+1.2922i
65.8	0.8069-0.4537i	-30.8560+54.4139i	-1.9640-0.2685i	-2.2214+1.4275i	-5.7416-4.7904i	-0.5639+0.7561i	-1.9023+1.6224i	-4.0295+1.3541i
65.9	0.7801-0.5883i	-25.8700+54.7244i	-1.9980-0.2639i	-2.0102+1.4427i	-6.0242-4.7948i	-0.5988+0.7855i	-1.6699+1.6355i	-4.2100+1.3816i
66.0	0.7709-0.7078i	-21.0487+54.4937i	-2.0365-0.2800i	-1.8791+1.4518i	-6.3285-4.8447i	-0.6057+0.8289i	-1.5229+1.6460i	-4.3321+1.4268i
66.1	0.8244-0.8009i	-17.6861+58.7551i	-2.0975-0.2808i	-1.8635+1.5456i	-6.7068-5.0782i	-0.5697+0.9077i	-1.4905+1.7408i	-4.4226+1.5008i
66.2	0.7715-1.0502i	-13.8819+61.1555i	-2.1613-0.2483i	-1.6743+1.6643i	-7.1369-5.1566i	-0.5497+0.9502i	-1.2725+1.8542i	-4.3911+1.6129i
66.3	0.6710-1.2163i	-9.7058+59.4487i	-2.1754-0.2296i	-1.5001+1.6370i	-7.3722-4.9645i	-0.5049+0.9730i	-1.0866+1.8136i	-4.2744+1.7074i
66.4	0.5292-1.2483i	-6.9937+58.2401i	-2.1763-0.2109i	-1.2629+1.5230i	-7.5615-4.7030i	-0.5149+1.0188i	-0.8433+1.6926i	-4.3155+1.6732i
66.5	0.4317-1.3394i	-3.6353+58.6248i	-2.2062-0.2083i	-1.1564+1.5313i	-7.8189-4.7056i	-0.4677+1.0740i	-0.7260+1.7046i	-4.2768+1.6808i
66.6	0.3195-1.4534i	1.3565+57.4134i	-2.2460-0.2126i	-1.0204+1.4981i	-8.1846-4.7039i	-0.4130+1.1160i	-0.5712+1.6707i	-4.3192+1.6575i
66.7	0.1585-1.5148i	2.8855+56.7528i	-2.2875-0.1717i	-0.8560+1.4761i	-8.4465-4.4336i	-0.3313+1.1015i	-0.3926+1.6311i	-4.2095+1.7212i
66.8	0.0719-1.5816i	4.8012+55.7076i	-2.3426-0.1390i	-0.8818+1.4286i	-8.7032-4.2851i	-0.2271+1.1314i	-0.4045+1.5692i	-4.2225+1.7872i
66.9	-0.0929-1.6429i	5.6082+53.7127i	-2.3847-0.1169i	-0.7625+1.4123i	-8.9406-4.1111i	-0.1631+1.1487i	-0.2823+1.5411i	-4.2387+1.8721i
67.0	-0.2919-1.7143i	9.4561+51.5027i	-2.4365-0.0665i	-0.5927+1.3831i	-9.3271-3.8402i	-0.0797+1.1111i	-0.0887+1.5062i	-4.3303+1.8625i
67.1	-0.4392-1.7102i	10.7326+48.9468i	-2.4388-0.0690i	-0.5731+1.2809i	-9.3792-3.7303i	0.0403+1.0742i	-0.0673+1.3978i	-4.2810+1.8628i
67.2	-0.5795-1.6811i	10.3832+49.0539i	-2.4738-0.0501i	-0.4397+1.2220i	-9.4311-3.6387i	0.0613+1.0248i	0.0704+1.3302i	-4.1976+1.8754i
67.3	-0.7288-1.6921i	12.3291+45.7038i	-2.5257+0.0019i	-0.4157+1.1820i	-9.6242-3.2481i	0.1038+0.9668i	0.1024+1.2571i	-4.3289+2.0045i
67.4	-0.8203-1.7061i	13.8858+44.7697i	-2.5826+0.0399i	-0.4078+1.2413i	-9.8988-3.1214i	0.2051+0.9511i	0.1225+1.3045i	-4.3221+2.1548i
67.5	-0.9384-1.6073i	15.8322+42.7944i	-2.5981+0.1124i	-0.3140+1.1099i	-10.1637-2.7495i	0.2284+0.8904i	0.2324+1.1577i	-4.4583+2.2110i
67.6	-1.1988-1.5409i	16.0475+39.7768i	-2.6565+0.2003i	-0.2172+1.0292i	-10.2328-2.4260i	0.2578+0.7651i	0.3195+1.0511i	-4.3041+2.2977i
67.7	-1.3014-1.4848i	16.8613+38.4467i	-2.6982+0.2417i	-0.1851+0.9705i	-10.4496-2.2011i	0.2984+0.6707i	0.3638+0.9782i	-4.3187+2.2844i
67.8	-1.3402-1.4669i	18.2893+37.5685i	-2.7210+0.2515i	-0.1265+0.9356i	-10.5607-2.1795i	0.2865+0.6179i	0.4385+0.9462i	-4.4360+2.2465i
67.9	-1.4064-1.4122i	18.4044+36.4648i	-2.7428+0.2784i	-0.0527+0.7732i	-10.6012-2.1262i	0.2313+0.5755i	0.5104+0.7789i	-4.4701+2.2144i
68.0	-1.5058-1.3047i	18.6119+35.5977i	-2.7414+0.3812i	0.0135+0.7150i	-10.6862-1.7664i	0.2295+0.4930i	0.5703+0.6913i	-4.3485+2.3739i
68.1	-1.5797-1.2939i	17.9798+34.7835i	-2.7683+0.3758i	0.0836+0.6126i	-10.8203-1.7377i	0.1855+0.4602i	0.6447+0.5967i	-4.3608+2.3469i
68.2	-1.7217-1.2192i	19.4329+34.5406i	-2.8316+0.4372i	0.1248+0.5118i	-11.1330-1.5302i	0.1442+0.4051i	0.6965+0.4899i	-4.4211+2.3255i
68.3	-1.8396-1.1593i	20.0864+32.5189i	-2.8751+0.4984i	0.1420+0.4400i	-11.3306-1.2899i	0.1161+0.3778i	0.7270+0.3984i	-4.5980+2.4752i
68.4	-1.9154-1.0875i	19.2147+32.4088i	-2.8887+0.5201i	0.1515+0.3599i	-11.3779-1.1059i	0.0921+0.3906i	0.7397+0.3073i	-4.5848+2.5596i
68.5	-2.0007-0.9775i	18.6938+32.6969i	-2.9029+0.5749i	0.1728+0.2549i	-11.2932-0.8902i	0.0676+0.3695i	0.7525+0.1904i	-4.4053+2.6245i
68.6	-2.0666-0.8682i	17.9917+31.5133i	-2.9336+0.6438i	0.2075+0.1690i	-11.4685-0.6230i	0.0645+0.3800i	0.7911+0.0887i	-4.2935+2.7816i

68.7	-2.1143-0.7736i	17.9459+30.4845i	-2.9725+0.6943i	0.2518+0.0548i	-11.6173-0.3931i	0.0268+0.3499i	0.8433-0.0294i	-4.3161+2.7702i
68.8	-2.1921-0.5998i	18.3406+29.6774i	-2.9917+0.8023i	0.2030-0.1654i	-11.7571+0.1657i	0.0053+0.3196i	0.7895-0.2713i	-4.2519+2.8392i
68.9	-2.2319-0.4615i	19.3221+29.4544i	-2.9957+0.8896i	0.1748-0.2712i	-11.8593+0.4132i	0.0243+0.2802i	0.7601-0.3895i	-4.1293+2.8172i
69.0	-2.2115-0.4184i	19.5144+28.9495i	-3.0487+0.9122i	0.1443-0.3631i	-11.9824+0.4106i	0.0089+0.2481i	0.7391-0.4837i	-4.2986+2.6703i
69.1	-2.2060-0.3256i	19.6469+29.9068i	-3.0533+0.9998i	0.0621-0.5317i	-12.0213+0.5804i	-0.0107+0.2750i	0.6610-0.6516i	-4.3689+2.5590i
69.2	-2.2812-0.0918i	20.4578+28.4910i	-3.0658+1.1890i	0.0680-0.6551i	-12.1531+1.3254i	-0.0663+0.2314i	0.6713-0.8029i	-4.3333+2.6921i
69.3	-2.2263+0.0245i	19.9506+26.6532i	-3.0363+1.2822i	-0.0727-0.7526i	-12.0250+1.8094i	-0.0789+0.2322i	0.5263-0.9307i	-4.3616+2.8536i
69.4	-2.2041+0.1079i	19.7515+26.2053i	-3.0575+1.3731i	-0.1915-0.8802i	-12.1962+2.0494i	-0.0897+0.2759i	0.4203-1.0841i	-4.4791+3.0153i
69.5	-2.1234+0.1746i	20.6306+27.3145i	-2.9973+1.4380i	-0.3046-0.9311i	-12.0055+2.2139i	-0.0980+0.2018i	0.2931-1.1359i	-4.4344+2.8565i
69.6	-2.0650+0.2294i	20.3109+27.2647i	-2.9299+1.5229i	-0.3691-1.0432i	-11.7397+2.5894i	-0.1331+0.2203i	0.2086-1.2652i	-4.3125+2.9247i
69.7	-2.0183+0.2918i	21.1807+26.7681i	-2.9018+1.6210i	-0.5521-1.2024i	-11.7269+3.0250i	-0.1964+0.2804i	0.0337-1.4394i	-4.4521+3.0514i
69.8	-1.9999+0.3368i	21.1566+25.5413i	-2.8316+1.6402i	-0.7104-1.3277i	-11.5233+3.1998i	-0.2025+0.3043i	-0.1299-1.5686i	-4.4390+3.1193i
69.9	-2.0700+0.3857i	21.0390+25.2756i	-2.8194+1.6970i	-0.8617-1.3522i	-11.5133+3.3809i	-0.1807+0.2865i	-0.2784-1.6098i	-4.3606+3.1640i
70.0	-2.1106+0.4594i	21.8339+25.8489i	-2.8227+1.8189i	-1.0561-1.3357i	-11.5984+3.8039i	-0.1135+0.2816i	-0.4811-1.6145i	-4.2439+3.3140i
70.1	-2.1418+0.5561i	23.7982+24.5129i	-2.8113+1.9037i	-1.2283-1.3717i	-11.7428+4.1564i	-0.1189+0.3146i	-0.6503-1.6755i	-4.3713+3.4855i
70.2	-2.0844+0.6515i	23.6016+23.8411i	-2.6888+1.9342i	-1.4272-1.3423i	-11.2557+4.3702i	-0.1048+0.2895i	-0.8779-1.6529i	-4.1756+3.4299i
70.3	-2.0825+0.7727i	23.8639+22.5782i	-2.6698+2.0480i	-1.5913-1.3181i	-11.1339+4.8955i	-0.1143+0.2834i	-1.0468-1.6572i	-4.2046+3.6809i
70.4	-2.0728+0.8553i	25.0489+22.0414i	-2.6147+2.1043i	-1.7797-1.3323i	-11.0402+5.1722i	-0.0891+0.3157i	-1.2411-1.6865i	-4.1155+3.7994i
70.5	-2.0554+0.9517i	25.0282+22.8446i	-2.6268+2.1614i	-2.0087-1.2848i	-11.0964+5.2926i	-0.0620+0.2610i	-1.4657-1.6315i	-4.1430+3.6250i
70.6	-1.9605+1.0385i	25.1684+22.1550i	-2.5172+2.1719i	-2.1480-1.1657i	-10.7748+5.3600i	-0.0522+0.2449i	-1.6227-1.5132i	-4.1245+3.5092i
70.7	-1.8429+1.1695i	26.2098+19.4395i	-2.3713+2.2712i	-2.3182-0.9483i	-10.2446+5.9082i	-0.0471+0.2317i	-1.8243-1.3312i	-4.0164+3.7774i
70.8	-1.7948+1.2504i	27.0512+19.4762i	-2.3921+2.3772i	-2.5448-0.7984i	-10.3874+6.0941i	-0.0473+0.1600i	-2.0350-1.1876i	-4.1662+3.8193i
70.9	-1.6638+1.3236i	26.8082+18.0863i	-2.2731+2.4020i	-2.6976-0.6538i	-9.9799+6.3864i	-0.0349+0.1265i	-2.2002-1.0501i	-4.0634+3.8081i
71.0	-1.5637+1.3186i	26.4402+17.1543i	-2.1925+2.3887i	-2.7292-0.4505i	-9.7130+6.4507i	-0.0416+0.0761i	-2.2430-0.8564i	-4.0600+3.8751i
71.1	-1.5112+1.3995i	27.3902+16.9129i	-2.2006+2.4588i	-2.8263-0.3662i	-9.8370+6.6540i	-0.0574+0.0294i	-2.3345-0.7773i	-4.2344+3.8631i
71.2	-1.4587+1.4435i	26.7996+15.4142i	-2.1625+2.4632i	-2.9151-0.2677i	-9.6138+6.7022i	-0.0895+0.0028i	-2.4327-0.6827i	-4.2652+3.8938i
71.3	-1.3627+1.4017i	25.3606+14.3788i	-2.0853+2.3994i	-2.9138-0.1692i	-9.1880+6.5526i	-0.0974-0.0025i	-2.4450-0.5733i	-4.1269+3.8891i
71.4	-1.2440+1.4604i	25.6167+13.0989i	-1.9920+2.4698i	-2.9839+0.0480i	-8.8195+6.8127i	-0.1278-0.0446i	-2.5312-0.3624i	-4.1020+3.9738i
71.5	-1.1224+1.5184i	25.4811+11.3410i	-1.8846+2.5494i	-3.0695+0.2621i	-8.4709+7.2077i	-0.1643-0.0621i	-2.6379-0.1725i	-3.9806+4.1521i
71.6	-1.0186+1.5160i	25.8315+10.7552i	-1.7924+2.5589i	-3.0280+0.4383i	-8.2600+7.2223i	-0.2214-0.0770i	-2.5995+0.0009i	-4.0037+4.2325i
71.7	-0.9686+1.5012i	25.1859+10.3135i	-1.7642+2.5865i	-3.0828+0.5889i	-8.1547+7.2928i	-0.2420-0.1009i	-2.6548+0.1438i	-3.9815+4.3341i
71.8	-0.9136+1.5225i	25.3740+8.5678i	-1.6918+2.6715i	-3.1981+0.8309i	-8.0727+7.6419i	-0.2588-0.0829i	-2.7795+0.3513i	-3.9670+4.6902i
71.9	-0.8560+1.4844i	25.0784+8.0006i	-1.6609+2.6808i	-3.1835+0.9584i	-8.0334+7.6799i	-0.3315-0.0742i	-2.7694+0.4757i	-4.0356+4.7421i
72.0	-0.7387+1.4215i	23.5166+7.5339i	-1.4894+2.6180i	-2.9367+1.1661i	-7.3333+7.5208i	-0.3832-0.0898i	-2.5612+0.6867i	-3.6907+4.6421i
72.1	-0.6542+1.4049i	23.2286+6.4434i	-1.3639+2.6743i	-2.8557+1.4351i	-6.9414+7.7713i	-0.4487-0.0770i	-2.5000+0.9342i	-3.5954+4.8687i
72.2	-0.6110+1.3743i	22.6615+6.6891i	-1.2937+2.6467i	-2.7412+1.5867i	-6.6355+7.6965i	-0.4557-0.0947i	-2.4036+1.0948i	-3.3972+4.8303i
72.3	-0.5771+1.3559i	21.7915+6.2722i	-1.2697+2.6411i	-2.6899+1.7211i	-6.5012+7.8246i	-0.4870-0.0603i	-2.3543+1.2252i	-3.3873+4.9766i
72.4	-0.5487+1.3368i	21.6285+5.3030i	-1.2182+2.6574i	-2.6469+1.8385i	-6.4365+7.8679i	-0.5023-0.0061i	-2.3159+1.3282i	-3.3595+5.1655i
72.5	-0.4968+1.2888i	21.0462+4.7262i	-1.1169+2.6225i	-2.5375+1.9937i	-6.2867+7.7939i	-0.5205-0.0094i	-2.2228+1.4821i	-3.2881+5.1450i
72.6	-0.4316+1.2937i	19.4722+5.0239i	-1.0064+2.6470i	-2.3770+2.1987i	-5.9941+7.9167i	-0.5371-0.0365i	-2.0946+1.6831i	-2.9939+5.1448i
72.7	-0.3820+1.2421i	19.2124+4.6163i	-0.9030+2.6017i	-2.1401+2.3288i	-5.6330+7.9824i	-0.5725-0.0103i	-1.8730+1.8046i	-2.8309+5.2199i
72.8	-0.3390+1.2238i	17.9641+4.1868i	-0.7934+2.5408i	-1.9620+2.3925i	-5.2298+7.8549i	-0.5400+0.0305i	-1.7284+1.8765i	-2.4219+5.1780i
72.9	-0.3236+1.2075i	17.1991+3.3509i	-0.7620+2.5281i	-1.8382+2.4066i	-5.1497+7.8608i	-0.5941+0.0472i	-1.6006+1.8830i	-2.4728+5.2008i
73.0	-0.2974+1.1688i	17.8417+3.5268i	-0.7462+2.4550i	-1.6948+2.3683i	-5.2123+7.7087i	-0.6197+0.0767i	-1.4514+1.8596i	-2.5653+5.1417i
73.1	-0.2771+1.1857i	17.2359+3.7152i	-0.6912+2.4610i	-1.5642+2.4234i	-5.0318+7.8420i	-0.6326+0.0974i	-1.3419+1.9095i	-2.3666+5.2327i
73.2	-0.2631+1.1937i	16.9691+3.3369i	-0.6391+2.4557i	-1.4428+2.4601i	-4.6968+7.8531i	-0.6052+0.1129i	-1.2398+1.9465i	-2.1536+5.2435i
73.3	-0.1941+1.1346i	16.4013+3.7429i	-0.5751+2.3983i	-1.2618+2.5006i	-4.3607+7.8346i	-0.6196+0.1100i	-1.0858+1.9948i	-2.0110+5.1621i
73.4	-0.1331+1.1140i	14.6834+3.4131i	-0.5036+2.3283i	-1.0973+2.4608i	-4.0456+7.7379i	-0.6331+0.1049i	-0.9392+1.9544i	-1.7990+5.0463i
73.5	-0.0988+1.0661i	14.2252+3.9251i	-0.4913+2.2467i	-0.9826+2.4256i	-3.9219+7.5398i	-0.6668+0.0738i	-0.8302+1.9346i	-1.7838+4.8176i
73.6	-0.0622+0.9970i	13.7232+4.3588i	-0.4582+2.1452i	-0.8762+2.3285i	-3.7086+7.1796i	-0.6679+0.0676i	-0.7331+1.8603i	-1.7151+4.5843i
73.7	-0.0541+0.9478i	13.7007+4.3828i	-0.4190+2.0941i	-0.8343+2.2854i	-3.6595+7.0444i	-0.6632+0.1097i	-0.6927+1.8217i	-1.7278+4.6476i
73.8	-0.0763+0.9176i	13.9264+4.2178i	-0.4807+2.1291i	-0.8185+2.3118i	-3.7405+7.0958i	-0.7201+0.1202i	-0.6753+1.8450i	-1.9329+4.6980i
73.9	-0.0568+0.8868i	13.4358+4.1499i	-0.4604+2.1078i	-0.7145+2.3300i	-3.6610+7.0372i	-0.7483+0.0940i	-0.5770+1.8668i	-1.8950+4.5816i
74.0	-0.0165+0.8515i	13.0488+3.8986i	-0.4099+2.0441i	-0.6259+2.3018i	-3.4917+7.1140i	-0.7224+0.1286i	-0.4944+1.8439i	-1.6938+4.5911i
74.1	0.0176+0.8384i	12.9814+3.8770i	-0.3165+2.0307i	-0.4981+2.2788i	-2.9694+7.1069i	-0.6946+0.1840i	-0.3993+1.8222i	-1.4390+4.5724i
74.2	0.0222+0.8007i	12.7547+4.3152i	-0.2972+1.9459i	-0.3356+2.2008i	-2.8330+6.8505i	-0.7418+0.1510i	-0.2466+1.7572i	-1.3889+4.2939i
74.3	0.0005+0.7642i	12.9710+4.1669i	-0.3710+1.9154i	-0.3460+2.1561i	-2.9905+6.8540i	-0.7782+0.1542i	-0.2388+1.7124i	-1.6135+4.3440i
74.4	0.0207+0.7151i	12.2783+4.6126i	-0.3648+1.8378i	-0.3231+2.0675i	-2.8362+6.7744i	-0.7460+0.2012i	-0.2241+1.6461i	-1.5775+4.1813i
74.5	0.0142+0.6884i	11.9985+4.9636i	-0.3837+1.8250i	-0.2108+2.0277i	-2.8623+6.5488i	-0.8311+0.2232i	-0.1123+1.6191i	-1.7521+4.0621i
74.6	0.0067+0.6377i	11.2711+5.0970i	-0.3761+1.7455i	-0.1500+1.8947i	-2.6946+6.1588i	-0.8001+0.2563i	-0.0670+1.4975i	-1.6819+3.9233i
74.7	0.0071+0.6049i	11.5550+4.7754i	-0.4227+1.7415i	-0.1761+1.8657i	-2.6563+6.1235i	-0.8060+0.2707i	-0.0792+1.4624i	-1.7648+3.9554i
74.8	0.0206+0.6085i	11.7022+4.5135i	-0.3525+1.7824i	-0.0756+1.9641i	-2.5766+6.2718i	-0.8238+0.2520i	0.0143+1.5698i	-1.6189+4.0335i
74.9	0.0189+0.5532i	11.3671+5.1838i	-0.3280+1.6739i	-0.0117+1.8056i	-2.4581+5.9208i	-0.8144+0.2430i	0.0707+1.4368i	-1.6002+3.7367i

75.0	-0.0044+0.5369i	11.5961+5.2465i	-0.3889+1.6735i	-0.0648+1.7319i	-2.6660+6.0250i	-0.8142+0.3047i	0.0352+1.3501i	-1.8177+3.8767i
75.1	-0.0388+0.5304i	11.9383+5.3293i	-0.4478+1.6438i	-0.0835+1.6648i	-2.6518+5.8786i	-0.8140+0.3444i	0.0158+1.2876i	-1.9129+3.9083i
75.2	-0.0184+0.5013i	11.6726+5.2801i	-0.4115+1.6156i	0.0056+1.5945i	-2.5498+5.8080i	-0.8261+0.3865i	0.0937+1.2137i	-1.8824+3.8990i
75.3	-0.0436+0.4728i	11.4506+5.5181i	-0.4341+1.6386i	0.0289+1.5638i	-2.5744+5.6453i	-0.8711+0.4006i	0.1183+1.1953i	-1.9596+3.9248i
75.4	-0.0524+0.4250i	11.2090+5.3721i	-0.4567+1.5211i	-0.0048+1.4711i	-2.6119+5.3217i	-0.8293+0.3585i	0.1001+1.1237i	-2.0206+3.6769i
75.5	-0.0328+0.4411i	11.2763+5.0381i	-0.4408+1.5663i	-0.0047+1.4818i	-2.5294+5.3649i	-0.8132+0.3648i	0.0999+1.1235i	-1.9958+3.7598i
75.6	-0.0509+0.4173i	11.3758+5.1561i	-0.5315+1.5141i	-0.0644+1.4144i	-2.6570+5.3265i	-0.8520+0.3790i	0.0606+1.0590i	-2.2485+3.7303i
75.7	-0.0511+0.3924i	11.3103+5.2761i	-0.5445+1.4865i	-0.0754+1.3544i	-2.6957+5.3709i	-0.8402+0.4252i	0.0530+0.9977i	-2.3279+3.8182i
75.8	-0.0495+0.3568i	11.5462+5.2860i	-0.4934+1.4957i	-0.0333+1.3189i	-2.7150+5.3011i	-0.8281+0.4719i	0.0894+0.9624i	-2.2384+3.8971i
75.9	-0.0738+0.3343i	11.6102+5.6169i	-0.4872+1.5004i	0.0464+1.2453i	-2.6887+5.1179i	-0.8479+0.5181i	0.1622+0.8987i	-2.3166+3.9136i
76.0	-0.0793+0.3429i	11.3617+5.5560i	-0.4901+1.5027i	0.0347+1.2237i	-2.4832+5.1576i	-0.8050+0.5514i	0.1359+0.8768i	-2.2205+3.9584i
76.1	-0.0666+0.3442i	11.2732+5.0078i	-0.4437+1.5310i	0.0653+1.2521i	-2.3577+5.3052i	-0.7752+0.5767i	0.1612+0.8862i	-2.0103+4.1018i
76.2	-0.0962+0.2879i	11.0641+5.3211i	-0.4837+1.4920i	0.0771+1.2243i	-2.4830+5.0963i	-0.8266+0.5676i	0.1851+0.8714i	-2.1701+3.9619i
76.3	-0.1162+0.2803i	11.2030+5.1767i	-0.5144+1.4601i	-0.0198+1.1683i	-2.4611+5.0136i	-0.7712+0.5451i	0.0913+0.8162i	-2.2361+4.0137i
76.4	-0.0962+0.2909i	10.8252+5.2287i	-0.5089+1.5167i	-0.0308+1.1974i	-2.5421+5.1835i	-0.7634+0.5679i	0.0858+0.8279i	-2.2241+4.1885i
76.5	-0.1306+0.2704i	10.9881+5.4333i	-0.5436+1.5189i	0.0097+1.1199i	-2.7633+5.1844i	-0.7946+0.6330i	0.1383+0.7514i	-2.4312+4.2019i
76.6	-0.1656+0.2811i	11.2515+5.4240i	-0.5791+1.5743i	-0.0367+1.1467i	-2.8282+5.4474i	-0.7823+0.6751i	0.1024+0.7655i	-2.5172+4.4797i
76.7	-0.1705+0.2783i	11.1695+5.0646i	-0.5958+1.5804i	-0.0666+1.2096i	-2.8503+5.2334i	-0.7555+0.6299i	0.0630+0.8275i	-2.4670+4.4514i
76.8	-0.1723+0.2515i	10.9537+5.1355i	-0.5610+1.5033i	-0.0818+1.1251i	-2.7102+4.8023i	-0.6748+0.5896i	0.0404+0.7628i	-2.2787+4.1307i
76.9	-0.1780+0.2424i	10.9709+5.2052i	-0.5243+1.4814i	-0.0667+1.0410i	-2.6969+4.7776i	-0.6546+0.6296i	0.0551+0.6814i	-2.3155+4.1551i
77.0	-0.1867+0.2619i	10.9931+5.1411i	-0.5570+1.4531i	-0.1349+1.0344i	-2.7896+4.9181i	-0.6279+0.6078i	-0.0045+0.6664i	-2.4619+4.2320i
77.1	-0.2108+0.2693i	11.1176+5.0046i	-0.4699+1.4856i	-0.0891+1.0643i	-2.6961+4.9115i	-0.6085+0.6043i	0.0278+0.6852i	-2.2417+4.3212i
77.2	-0.2098+0.2409i	11.1753+4.8464i	-0.5303+1.4121i	-0.1681+1.0266i	-2.8166+4.6777i	-0.5965+0.5674i	-0.0472+0.6645i	-2.3073+4.2294i
77.3	-0.2233+0.2455i	11.2854+4.9111i	-0.5874+1.4527i	-0.2001+1.0593i	-3.0140+4.7287i	-0.6300+0.5762i	-0.0643+0.6869i	-2.4378+4.3183i
77.4	-0.2135+0.2163i	11.0985+4.9900i	-0.6054+1.5047i	-0.1278+1.0820i	-2.9886+4.9091i	-0.6676+0.6180i	0.0065+0.6982i	-2.5439+4.4459i
77.5	-0.2055+0.2051i	10.9506+5.0483i	-0.5261+1.4750i	-0.1351+1.0346i	-2.8534+4.9156i	-0.5906+0.6233i	-0.0099+0.6502i	-2.4035+4.5201i
77.6	-0.2063+0.2070i	10.8461+5.0935i	-0.5542+1.4150i	-0.1570+0.9935i	-2.9549+4.9607i	-0.5851+0.6068i	-0.0230+0.5962i	-2.5729+4.4774i
77.7	-0.2109+0.2190i	10.9692+4.9141i	-0.5215+1.4582i	-0.1446+1.0857i	-2.8481+4.9490i	-0.5565+0.5733i	-0.0165+0.6764i	-2.4618+4.6094i
77.8	-0.2182+0.2166i	10.9268+4.7469i	-0.4695+1.5568i	-0.0928+1.1859i	-2.8596+5.1992i	-0.5668+0.5895i	0.0298+0.7561i	-2.3621+4.9178i
77.9	-0.2250+0.2259i	10.9248+4.7057i	-0.5157+1.5531i	-0.1481+1.2067i	-3.0104+5.2403i	-0.5878+0.5788i	-0.0177+0.7671i	-2.4591+4.9611i
78.0	-0.2557+0.2298i	10.9539+4.7470i	-0.5579+1.6400i	-0.1688+1.2846i	-2.9879+5.5243i	-0.6179+0.6215i	-0.0479+0.8134i	-2.4395+5.3879i
78.1	-0.2792+0.2122i	10.8025+4.5967i	-0.6137+1.6474i	-0.2254+1.2719i	-3.1486+5.3939i	-0.5693+0.6113i	-0.0987+0.7943i	-2.5492+5.3473i
78.2	-0.2684+0.1652i	10.7744+4.4535i	-0.6137+1.4742i	-0.1824+1.2295i	-3.4858+4.7639i	-0.6208+0.4548i	-0.0284+0.8132i	-2.7698+4.6923i
78.3	-0.2806+0.1800i	10.7369+4.4911i	-0.6922+1.4654i	-0.2493+1.1611i	-3.8753+4.9925i	-0.6385+0.4855i	-0.0600+0.7263i	-3.1719+4.9196i
78.4	-0.3010+0.1734i	10.3393+4.5750i	-0.6657+1.5554i	-0.2095+1.2653i	-3.8772+5.3782i	-0.6532+0.5114i	-0.0441+0.7815i	-3.1022+5.3228i
78.5	-0.2839+0.1716i	10.4045+4.5202i	-0.6163+1.6656i	-0.1469+1.3626i	-3.6727+5.9306i	-0.6533+0.5604i	-0.0077+0.8155i	-2.8516+5.8372i
78.6	-0.2793+0.1859i	10.4801+4.4316i	-0.5379+1.6832i	-0.0825+1.3858i	-3.4015+6.0665i	-0.6405+0.5447i	0.0318+0.8065i	-2.5134+5.9704i
78.7	-0.3184+0.1646i	10.5078+4.4505i	-0.6013+1.6975i	-0.1435+1.4187i	-3.4493+6.1014i	-0.6362+0.5384i	-0.0340+0.8384i	-2.6524+6.1195i
78.8	-0.3300+0.1750i	10.9483+4.7303i	-0.6125+1.8606i	-0.1075+1.5158i	-3.5449+6.8197i	-0.6721+0.6145i	-0.0146+0.8665i	-2.7228+6.8401i
78.9	-0.3419+0.2158i	11.6597+4.1864i	-0.3013+2.0021i	0.1187+1.5529i	-2.5996+7.5541i	-0.5274+0.7122i	0.0913+0.8400i	-1.6930+7.5970i
79.0	-0.2873+0.2723i	11.3640+2.8242i	0.1443+1.9051i	0.4541+1.4594i	-0.6301+7.6097i	-0.3077+0.7377i	0.2352+0.7733i	0.3626+7.6628i
79.1	-0.2489+0.2262i	10.3785+2.8220i	0.0463+1.6054i	0.3560+1.2844i	-0.6672+6.5611i	-0.3427+0.6095i	0.1550+0.7078i	0.2936+6.5777i
79.2	-0.2412+0.1853i	9.8102+3.1222i	-0.0268+1.5279i	0.2952+1.3291i	-0.9442+6.0442i	-0.3498+0.4810i	0.1061+0.7709i	0.0949+6.0324i
79.3	-0.2342+0.1600i	9.4628+3.5287i	0.0237+1.4034i	0.3889+1.2328i	-0.9665+5.7944i	-0.3739+0.4351i	0.2005+0.6767i	0.0991+5.7150i
79.4	-0.2437+0.1452i	9.4370+3.5390i	-0.0220+1.4080i	0.4314+1.2304i	-0.9416+5.7687i	-0.4164+0.4389i	0.2093+0.6826i	0.1376+5.7255i
79.5	-0.2470+0.1412i	9.5393+3.6379i	-0.0384+1.3860i	0.4431+1.2333i	-0.7921+5.6653i	-0.4134+0.4234i	0.1740+0.6939i	0.3906+5.6012i
79.6	-0.2638+0.1257i	9.6756+3.7402i	-0.0871+1.2817i	0.4257+1.1547i	-1.0936+5.5049i	-0.4657+0.3797i	0.1668+0.6268i	0.0632+5.3907i
79.7	-0.2765+0.1149i	9.5751+3.7106i	-0.0303+1.2373i	0.4935+1.1475i	-0.6538+5.3174i	-0.4264+0.3567i	0.1740+0.6599i	0.4950+5.1832i
79.8	-0.2873+0.1128i	9.4832+3.5989i	-0.1004+1.2825i	0.4981+1.1779i	-0.8186+5.3664i	-0.4880+0.3383i	0.1755+0.7257i	0.3874+5.1890i
79.9	-0.2978+0.0852i	9.5563+3.5629i	-0.1917+1.1751i	0.5424+1.0636i	-1.4477+4.8203i	-0.5973+0.2755i	0.2324+0.6940i	-0.2143+4.5968i
80.0	-0.3049+0.0889i	9.4885+3.7541i	-0.1801+1.1926i	0.5655+1.0539i	-1.3120+5.0185i	-0.5938+0.2873i	0.2211+0.6719i	-0.1022+4.7563i

2.1.87 Run 8 – VT315 – Accels 17–24

Vertical shaking at 315°. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-1.7404+0.0000i	-0.3960+0.0000i	10.7567+0.0000i	2.5100+0.0000i	2.3910+0.0000i	1.5856+0.0000i	1.4114+0.0000i	2.3586+0.0000i
0.1	0.1447-0.0057i	-0.1736-0.0409i	1.6434+0.0877i	0.3739+0.0478i	0.0865-0.2560i	0.2676-0.8739i	-0.0658-0.2750i	0.5647-0.2354i
0.2	0.5748+0.3023i	-0.0266-0.2385i	0.0343+0.0414i	0.2342-0.0690i	-0.1756-0.1005i	0.2781-0.2964i	0.0222-0.0967i	0.2396-0.0575i
0.3	0.1968+0.0075i	0.0104-0.0029i	0.0144-0.0127i	-0.0118+0.0844i	-0.0889-0.0436i	0.2616-0.1496i	0.0222+0.0096i	0.0014+0.0436i
0.4	-0.0079-0.0353i	-0.0267+0.0168i	0.0296-0.0011i	-0.0258-0.0197i	-0.0345-0.0128i	0.0025-0.2030i	0.0022-0.0372i	-0.0074-0.0178i
0.5	-0.0257-0.0009i	0.0061+0.0037i	0.0330+0.0093i	0.0096+0.0056i	-0.0010+0.0035i	-0.0779-0.0478i	-0.0059-0.0291i	0.0131-0.0153i
0.6	-0.0096-0.0030i	0.0059+0.0019i	0.0391+0.0074i	0.0076+0.0061i	0.0058+0.0052i	0.0645-0.1259i	-0.0109-0.0026i	-0.0014+0.0036i
0.7	-0.0178-0.0001i	0.0071-0.0015i	0.0455+0.0075i	0.0021+0.0061i	0.0027+0.0010i	0.0851-0.0694i	0.0055+0.0041i	-0.0027+0.0022i
0.8	-0.0130-0.0009i	0.0025-0.0047i	0.0544+0.0090i	0.0047-0.0002i	-0.0000-0.0006i	-0.0236-0.1424i	-0.0014+0.0030i	-0.0005+0.0010i
0.9	-0.0074+0.0008i	-0.0006-0.0019i	0.0619+0.0123i	0.0018-0.0026i	0.0018+0.0018i	-0.0176-0.1396i	-0.0031+0.0012i	-0.0005-0.0028i
1.0	-0.0042+0.0007i	0.0007-0.0011i	0.0664+0.0122i	-0.0050-0.0002i	-0.0011+0.0023i	-0.0080-0.0905i	-0.0009+0.0045i	-0.0036-0.0011i
1.1	-0.0039-0.0015i	-0.0007-0.0005i	0.0762+0.0128i	-0.0024+0.0012i	-0.0007+0.0018i	-0.0955-0.0782i	-0.0007+0.0032i	-0.0039-0.0003i
1.2	-0.0023-0.0026i	-0.0006+0.0017i	0.0882+0.0095i	0.0017+0.0031i	0.0000+0.0019i	-0.0602-0.0186i	-0.0026-0.0010i	-0.0016+0.0013i
1.3	-0.0046-0.0014i	-0.0025-0.0003i	0.1028+0.0077i	0.0030+0.0007i	-0.0013+0.0012i	0.0385+0.1020i	0.0005-0.0020i	0.0009-0.0000i
1.4	-0.0050-0.0011i	-0.0038-0.0005i	0.1153+0.0044i	-0.0003-0.0011i	-0.0030+0.0017i	0.0714+0.0847i	-0.0010-0.0008i	-0.0019+0.0001i
1.5	-0.0050-0.0003i	-0.0046+0.0028i	0.1298+0.0034i	-0.0044+0.0027i	-0.0086+0.0074i	0.0833-0.0187i	-0.0012-0.0012i	-0.0061+0.0001i
1.6	-0.0026+0.0094i	-0.0052+0.0066i	0.1470+0.0026i	-0.0021+0.0074i	-0.0004+0.0347i	-0.0123-0.0733i	-0.0022-0.0070i	-0.0035+0.0170i
1.7	0.0071+0.0074i	-0.0040+0.0059i	0.1563+0.0020i	0.0070+0.0049i	0.0307+0.0278i	-0.0556+0.0955i	-0.0089-0.0050i	0.0110+0.0174i
1.8	0.0052-0.0058i	-0.0127+0.0035i	0.1869+0.0110i	0.0052-0.0028i	0.0189-0.0021i	0.0058+0.1091i	-0.0092+0.0019i	0.0005-0.0003i
1.9	0.0072-0.0076i	-0.0289+0.0106i	0.2242-0.0004i	0.0049-0.0032i	0.0121-0.0003i	0.0296-0.0018i	-0.0115+0.0014i	-0.0100+0.0049i
2.0	0.0104-0.0214i	-0.0418+0.0610i	0.2560-0.0718i	0.0049-0.0104i	0.0065+0.0103i	-0.0322-0.0352i	-0.0151+0.0059i	-0.0204+0.0377i
2.1	-0.0419-0.0462i	0.1147+0.1228i	0.1181-0.1468i	-0.0218-0.0232i	0.0536+0.0243i	-0.0692+0.0816i	-0.0020+0.0129i	0.0877+0.0825i
2.2	-0.0741+0.0236i	0.2019-0.1090i	0.0365+0.0729i	-0.0399+0.0120i	0.0716-0.0613i	-0.0119+0.0618i	0.0056+0.0015i	0.1475-0.0864i
2.3	-0.0234+0.0447i	0.0077-0.1725i	0.2313+0.1381i	-0.0196+0.0212i	-0.0047-0.0775i	-0.0084+0.0047i	-0.0093-0.0066i	0.0024-0.1320i
2.4	-0.0210+0.0254i	-0.0256-0.0387i	0.2825+0.0345i	-0.0205+0.0189i	-0.0124-0.0195i	0.0397+0.0162i	-0.0221+0.0151i	-0.0194-0.0316i
2.5	0.0088+0.0148i	-0.0035-0.0242i	0.3184+0.0163i	0.0103+0.0099i	-0.0065-0.0146i	-0.0367+0.0378i	0.0125+0.0099i	-0.0043-0.0192i
2.6	0.0128+0.0159i	-0.0080-0.0303i	0.3370+0.0179i	0.0142+0.0113i	-0.0081-0.0190i	-0.0633+0.0583i	0.0154+0.0083i	-0.0074-0.0248i
2.7	0.0134+0.0076i	-0.0176-0.0224i	0.3529+0.0144i	0.0144+0.0044i	-0.0140-0.0133i	0.0221+0.0222i	0.0129+0.0034i	-0.0152-0.0183i
2.8	0.0096+0.0065i	-0.0141-0.0136i	0.3736+0.0100i	0.0102+0.0047i	-0.0106-0.0086i	0.0501-0.0314i	0.0094+0.0037i	-0.0125-0.0115i
2.9	0.0068+0.0053i	-0.0095-0.0082i	0.4025+0.0111i	0.0077+0.0051i	-0.0077-0.0058i	-0.0489+0.0058i	0.0070+0.0038i	-0.0079-0.0085i
3.0	0.0028+0.0047i	-0.0067-0.0069i	0.4257+0.0139i	0.0050+0.0053i	-0.0071-0.0046i	-0.0133-0.0283i	0.0032+0.0050i	-0.0061-0.0082i
3.1	0.0018+0.0038i	-0.0066-0.0054i	0.4412+0.0086i	0.0041+0.0041i	-0.0068-0.0040i	0.0017-0.0494i	0.0037+0.0037i	-0.0071-0.0045i
3.2	0.0041+0.0030i	-0.0079-0.0070i	0.4652+0.0011i	0.0031+0.0031i	-0.0069-0.0033i	-0.0056-0.1187i	0.0057+0.0014i	-0.0082-0.0035i
3.3	0.0040+0.0043i	-0.0092-0.0081i	0.4942+0.0022i	0.0027+0.0031i	-0.0073-0.0040i	-0.0399-0.0606i	0.0037+0.0009i	-0.0067-0.0067i
3.4	0.0050+0.0052i	-0.0108-0.0074i	0.5195+0.0191i	0.0043+0.0035i	-0.0056-0.0039i	0.0241+0.0058i	0.0017+0.0038i	-0.0077-0.0089i
3.5	0.0085+0.0046i	-0.0137-0.0069i	0.5536+0.0177i	0.0062+0.0062i	-0.0051-0.0066i	0.1522+0.2357i	0.0006+0.0042i	-0.0109-0.0085i
3.6	0.0100+0.0069i	-0.0191-0.0009i	0.5714+0.0490i	0.0055+0.0077i	-0.0106-0.0019i	0.2453+0.3800i	0.0021+0.0031i	-0.0144-0.0043i
3.7	0.0083-0.0043i	0.0058+0.0081i	0.7150+0.0496i	0.0069-0.0010i	0.0031+0.0028i	0.0784-0.0053i	0.0070+0.0023i	0.0054+0.0078i
3.8	0.0072-0.0021i	0.0070+0.0033i	0.7371+0.0278i	0.0045-0.0013i	0.0032+0.0031i	-0.0143-0.0014i	0.0078+0.0017i	0.0061+0.0024i
3.9	0.0064-0.0006i	0.0038+0.0006i	0.7567+0.0209i	0.0048-0.0006i	0.0020+0.0007i	-0.0606-0.0048i	0.0062+0.0001i	0.0037+0.0003i
4.0	0.0066-0.0007i	0.0009+0.0000i	0.7796+0.0156i	0.0043-0.0010i	0.0003+0.0001i	-0.0952+0.0022i	0.0053-0.0008i	0.0010+0.0004i
4.1	0.0073-0.0012i	-0.0013+0.0013i	0.8146+0.0133i	0.0034-0.0016i	-0.0009+0.0008i	-0.1197+0.0104i	0.0048-0.0009i	-0.0003+0.0013i
4.2	0.0078-0.0008i	-0.0015+0.0014i	0.8474+0.0138i	0.0042-0.0007i	-0.0010+0.0010i	-0.1425+0.0135i	0.0056-0.0013i	0.0001+0.0018i
4.3	0.0090-0.0016i	-0.0032+0.0004i	0.8881+0.0107i	0.0031-0.0012i	-0.0006+0.0024i	-0.1176+0.0556i	0.0050-0.0018i	-0.0002+0.0022i
4.4	0.0095-0.0039i	-0.0046+0.0046i	0.9311+0.0020i	0.0025-0.0029i	-0.0017+0.0039i	-0.0968+0.0443i	0.0040-0.0021i	-0.0011+0.0048i
4.5	0.0078-0.0037i	-0.0056+0.0064i	0.9626+0.0008i	0.0012-0.0022i	-0.0021+0.0049i	-0.0730-0.0231i	0.0018-0.0017i	-0.0019+0.0064i
4.6	0.0099-0.0029i	-0.0080+0.0112i	1.0006+0.0040i	0.0003-0.0022i	-0.0021+0.0090i	-0.0724-0.0834i	-0.0005+0.0009i	-0.0048+0.0117i
4.7	0.0087+0.0009i	-0.0006+0.0243i	1.0293+0.0066i	0.0024+0.0029i	0.0027+0.0203i	-0.1739-0.0223i	0.0017+0.0066i	0.0033+0.0239i
4.8	0.0190-0.0013i	0.0323+0.0182i	1.0761+0.0174i	0.0137+0.0028i	0.0255+0.0134i	-0.1897+0.0334i	0.0183+0.0041i	0.0345+0.0182i
4.9	0.0201-0.0077i	0.0392-0.0005i	1.0914+0.0309i	0.0103-0.0047i	0.0319-0.0023i	-0.2334+0.0970i	0.0157-0.0043i	0.0361-0.0003i
5.0	0.0151+0.0062i	0.0066-0.0140i	1.2348+0.0743i	0.0062+0.0050i	0.0055-0.0123i	-0.1560+0.0721i	0.0040+0.0037i	0.0066-0.0137i
5.1	0.0250+0.0068i	0.0030-0.0104i	1.2760+0.0599i	0.0139+0.0057i	0.0034-0.0107i	-0.1414+0.0045i	0.0120+0.0057i	0.0069-0.0108i
5.2	0.0387-0.0061i	-0.0011-0.0109i	1.3130+0.0353i	0.0269-0.0074i	-0.0001-0.0106i	-0.1713-0.0411i	0.0247-0.0079i	0.0031-0.0128i
5.3	0.0369-0.0222i	-0.0060-0.0079i	1.3281+0.0208i	0.0238-0.0237i	-0.0019-0.0085i	-0.1895-0.0688i	0.0191-0.0229i	-0.0016-0.0093i
5.4	0.0127-0.0314i	-0.0098-0.0008i	1.3469+0.0735i	-0.0073-0.0301i	-0.0025-0.0009i	-0.2007+0.0943i	-0.0087-0.0278i	-0.0003-0.0022i
5.5	0.0051-0.0056i	-0.0180+0.0084i	1.4815+0.1602i	-0.0220+0.0052i	-0.0091+0.0044i	-0.2856+0.1194i	-0.0261+0.0017i	-0.0081+0.0007i
5.6	0.0182+0.0087i	-0.0148+0.0205i	1.5928+0.1102i	-0.0116+0.0126i	-0.0076+0.0157i	-0.1503-0.0069i	-0.0181+0.0154i	-0.0102+0.0179i

5.7	0.0306+0.0052i	0.0018+0.0231i	1.6326+0.0604i	0.0001+0.0128i	0.0078+0.0193i	-0.1795-0.0505i	-0.0068+0.0146i	0.0085+0.0243i
5.8	0.0375+0.0052i	0.0099+0.0175i	1.6605+0.0553i	0.0050+0.0144i	0.0164+0.0151i	-0.2013-0.0254i	-0.0007+0.0160i	0.0195+0.0193i
5.9	0.0494+0.0081i	0.0190+0.0138i	1.6961+0.0801i	0.0156+0.0164i	0.0262+0.0102i	-0.1952-0.0149i	0.0098+0.0183i	0.0307+0.0147i
6.0	0.0616+0.0067i	0.0202+0.0011i	1.7413+0.0901i	0.0233+0.0127i	0.0264-0.0031i	-0.2271-0.0215i	0.0163+0.0145i	0.0317-0.0000i
6.1	0.0734+0.0058i	0.0115-0.0087i	1.7900+0.1040i	0.0260+0.0119i	0.0178-0.0117i	-0.2474-0.0173i	0.0173+0.0135i	0.0228-0.0113i
6.2	0.0903+0.0057i	0.0028-0.0096i	1.8425+0.1213i	0.0339+0.0151i	0.0098-0.0126i	-0.2408-0.0154i	0.0239+0.0164i	0.0149-0.0124i
6.3	0.1136+0.0021i	-0.0038-0.0056i	1.8954+0.1315i	0.0466+0.0156i	0.0051-0.0090i	-0.2616+0.0075i	0.0345+0.0178i	0.0098-0.0078i
6.4	0.1387-0.0021i	-0.0084-0.0019i	1.9321+0.1494i	0.0593+0.0155i	0.0036-0.0054i	-0.2821+0.0062i	0.0451+0.0196i	0.0079-0.0047i
6.5	0.1714-0.0161i	-0.0120+0.0015i	1.9708+0.1662i	0.0770+0.0110i	0.0017-0.0037i	-0.3287-0.0042i	0.0590+0.0154i	0.0077-0.0029i
6.6	0.2101-0.0262i	-0.0156+0.0042i	1.9903+0.1922i	0.0959+0.0074i	0.0001-0.0028i	-0.3641+0.0025i	0.0748+0.0134i	0.0068+0.0005i
6.7	0.2667-0.0460i	-0.0192+0.0082i	1.9702+0.2437i	0.1229+0.0008i	-0.0004-0.0009i	-0.3711+0.0394i	0.0968+0.0097i	0.0078+0.0026i
6.8	0.3379-0.0838i	-0.0243+0.0134i	1.9212+0.3149i	0.1574-0.0157i	-0.0026+0.0007i	-0.3730+0.0240i	0.1251-0.0027i	0.0086+0.0041i
6.9	0.4561-0.1892i	-0.0336+0.0221i	1.8006+0.5305i	0.2151-0.0588i	-0.0076+0.0022i	-0.4174-0.0070i	0.1723-0.0356i	0.0093+0.0038i
7.0	0.6217-0.3892i	-0.0483+0.0401i	1.6098+0.9877i	0.2975-0.1380i	-0.0160+0.0096i	-0.4743+0.0088i	0.2398-0.0958i	0.0074+0.0066i
7.1	0.6602-0.8110i	-0.0529+0.0809i	1.7466+1.8413i	0.3388-0.3225i	-0.0237+0.0287i	-0.4768+0.0345i	0.2785-0.2396i	0.0040+0.0153i
7.2	0.1592-1.1723i	0.0022+0.1230i	2.8957+2.4020i	0.1348-0.5133i	0.0031+0.0531i	-0.4629+0.0732i	0.1246-0.3980i	0.0210+0.0292i
7.3	-0.4380-1.1739i	0.0775+0.1152i	4.1312+2.4219i	-0.1354-0.5369i	0.0387+0.0501i	-0.4583+0.0337i	-0.0822-0.4244i	0.0503+0.0177i
7.4	-0.8066-0.9172i	0.1108+0.0709i	5.0458+1.9526i	-0.3027-0.4380i	0.0531+0.0324i	-0.5378-0.0234i	-0.2155-0.3565i	0.0516-0.0062i
7.5	-0.8197-0.5125i	0.0967+0.0295i	5.2500+1.0042i	-0.3198-0.2702i	0.0497+0.0151i	-0.6327+0.0450i	-0.2390-0.2285i	0.0357-0.0131i
7.6	-0.6973-0.3177i	0.0790+0.0148i	5.0796+0.5131i	-0.2756-0.1869i	0.0442+0.0079i	-0.6400+0.0588i	-0.2092-0.1623i	0.0294-0.0114i
7.7	-0.6097-0.2463i	0.0701+0.0088i	4.9825+0.3355i	-0.2412-0.1553i	0.0412+0.0038i	-0.7219+0.0269i	-0.1851-0.1365i	0.0290-0.0115i
7.8	-0.5666-0.2307i	0.0634+0.0064i	4.9951+0.2878i	-0.2258-0.1509i	0.0384+0.0013i	-0.7922+0.0503i	-0.1749-0.1336i	0.0265-0.0133i
7.9	-0.5826-0.2385i	0.0589+0.0051i	5.1672+0.2595i	-0.2361-0.1610i	0.0348-0.0018i	-0.8927+0.0742i	-0.1848-0.1428i	0.0216-0.0152i
8.0	-0.6055-0.1968i	0.0579+0.0049i	5.3165+0.1355i	-0.2506-0.1476i	0.0329-0.0012i	-0.9736+0.1522i	-0.1988-0.1328i	0.0190-0.0135i
8.1	-0.6150-0.1687i	0.0568+0.0015i	5.4435+0.0316i	-0.2613-0.1413i	0.0332-0.0035i	-1.0295+0.2225i	-0.2087-0.1306i	0.0194-0.0158i
8.2	-0.6441-0.1453i	0.0535-0.0014i	5.6147-0.0597i	-0.2792-0.1366i	0.0319-0.0052i	-1.1134+0.2857i	-0.2257-0.1271i	0.0152-0.0173i
8.3	-0.6702-0.1108i	0.0500-0.0026i	5.7810-0.1697i	-0.2966-0.1265i	0.0291-0.0070i	-1.2210+0.3339i	-0.2433-0.1182i	0.0111-0.0172i
8.4	-0.6938-0.0725i	0.0478-0.0027i	5.9357-0.3000i	-0.3168-0.1131i	0.0254-0.0076i	-1.3008+0.4296i	-0.2618-0.1071i	0.0073-0.0148i
8.5	-0.7316-0.0340i	0.0461-0.0003i	6.1297-0.3947i	-0.3439-0.0962i	0.0214-0.0046i	-1.4241+0.4960i	-0.2878-0.0921i	0.0027-0.0106i
8.6	-0.7741+0.0078i	0.0458+0.0007i	6.3394-0.5011i	-0.3695-0.0768i	0.0199-0.0029i	-1.5887+0.5912i	-0.3092-0.0747i	0.0002-0.0077i
8.7	-0.8330+0.0627i	0.0463+0.0010i	6.6024-0.6787i	-0.4039-0.0565i	0.0161-0.0012i	-1.7803+0.8034i	-0.3401-0.0575i	-0.0042-0.0053i
8.8	-0.8886+0.1434i	0.0463+0.0038i	6.8500-0.8708i	-0.4352-0.0172i	0.0142+0.0034i	-1.9547+1.0330i	-0.3676-0.0222i	-0.0075+0.0018i
8.9	-0.9620+0.2466i	0.0442+0.0059i	7.1382-1.1149i	-0.4786+0.0312i	0.0063+0.0095i	-2.1610+1.3407i	-0.4044+0.0199i	-0.0170+0.0105i
9.0	-0.9949+0.4258i	0.0432+0.0091i	7.3684-1.6033i	-0.5036+0.1099i	0.0019+0.0238i	-2.2362+1.9037i	-0.4257+0.0850i	-0.0231+0.0274i
9.1	-0.9594+0.5745i	0.0477+0.0165i	7.4655-1.9822i	-0.4897+0.1815i	0.0139+0.0392i	-2.1400+2.2943i	-0.4150+0.1457i	-0.0121+0.0458i
9.2	-1.1223+0.8432i	0.0591+0.0282i	8.0745-2.7720i	-0.5676+0.2937i	0.0199+0.0600i	-2.6673+3.1653i	-0.4829+0.2398i	-0.0084+0.0705i
9.3	-1.1569+1.2358i	0.0709+0.0340i	8.1900-3.8571i	-0.6013+0.4592i	0.0284+0.0804i	-2.6839+4.4567i	-0.5136+0.3808i	-0.0010+0.0965i
9.4	-0.6124+1.7307i	0.0932+0.0228i	6.7055-5.0978i	-0.3935+0.6961i	0.0702+0.0873i	-0.7778+5.9120i	-0.3400+0.5845i	0.0484+0.1141i
9.5	0.1683+1.6869i	0.1081-0.0029i	4.7012-4.7829i	-0.0612+0.7131i	0.1120+0.0592i	1.7061+5.5684i	-0.0572+0.6022i	0.1051+0.0876i
9.6	0.6691+1.2897i	0.1031-0.0291i	3.6268-3.5168i	0.1711+0.5650i	0.1257+0.0183i	3.1740+4.1672i	0.1415+0.4792i	0.1304+0.0393i
9.7	0.6804+0.9214i	0.0872-0.0401i	3.8578-2.5000i	0.1911+0.4092i	0.1104-0.0050i	3.1227+2.9887i	0.1593+0.3476i	0.1150+0.0081i
9.8	0.6019+0.6214i	0.0683-0.0436i	4.3728-1.7008i	0.1712+0.2783i	0.0890-0.0198i	2.7873+2.0183i	0.1438+0.2360i	0.0924-0.0129i
9.9	0.5517+0.4575i	0.0570-0.0448i	4.7370-1.2458i	0.1547+0.2069i	0.0751-0.0250i	2.5966+1.5129i	0.1309+0.1753i	0.0758-0.0207i
10.0	0.4800+0.3428i	0.0460-0.0402i	5.1749-0.9436i	0.1291+0.1559i	0.0612-0.0228i	2.3191+1.1702i	0.1098+0.1317i	0.0596-0.0210i
10.1	0.4032+0.2609i	0.0409-0.0295i	5.6593-0.7286i	0.1010+0.1174i	0.0523-0.0164i	2.0428+0.9604i	0.0852+0.0969i	0.0490-0.0154i
10.2	0.3392+0.2293i	0.0418-0.0231i	6.0739-0.7037i	0.0737+0.1027i	0.0508-0.0086i	1.8295+0.8612i	0.0632+0.0849i	0.0457-0.0071i
10.3	0.2951+0.2108i	0.0398-0.0188i	6.4187-0.6742i	0.0544+0.0914i	0.0507-0.0029i	1.6735+0.8383i	0.0469+0.0762i	0.0435-0.0011i
10.4	0.2755+0.2008i	0.0380-0.0123i	6.6787-0.6723i	0.0452+0.0856i	0.0543+0.0013i	1.6148+0.8374i	0.0391+0.0715i	0.0454+0.0033i
10.5	0.2683+0.1792i	0.0393-0.0002i	6.9470-0.5661i	0.0391+0.0752i	0.0537+0.0058i	1.6241+0.7896i	0.0334+0.0629i	0.0440+0.0091i
10.6	0.2560+0.1523i	0.0440+0.0078i	7.2560-0.4786i	0.0324+0.0640i	0.0531+0.0106i	1.6074+0.6962i	0.0289+0.0531i	0.0416+0.0144i
10.7	0.2355+0.1209i	0.0504+0.0086i	7.5814-0.4328i	0.0228+0.0514i	0.0551+0.0143i	1.5821+0.5344i	0.0224+0.0424i	0.0436+0.0170i
10.8	0.2111+0.0960i	0.0579+0.0098i	7.9392-0.3721i	0.0104+0.0414i	0.0588+0.0204i	1.4858+0.3923i	0.0119+0.0320i	0.0485+0.0230i
10.9	0.1870+0.0822i	0.0622+0.0112i	8.2787-0.3051i	-0.0019+0.0368i	0.0633+0.0249i	1.3640+0.3494i	0.0030+0.0261i	0.0527+0.0260i
11.0	0.1612+0.0706i	0.0654+0.0112i	8.6904-0.2983i	-0.0129+0.0304i	0.0673+0.0263i	1.2359+0.3076i	-0.0058+0.0192i	0.0537+0.0270i
11.1	0.1429+0.0642i	0.0726+0.0107i	9.0546-0.3533i	-0.0221+0.0258i	0.0749+0.0309i	1.1920+0.3023i	-0.0142+0.0155i	0.0609+0.0285i
11.2	0.1259+0.0623i	0.0774+0.0139i	9.4109-0.3547i	-0.0309+0.0259i	0.0792+0.0363i	1.1726+0.3210i	-0.0220+0.0150i	0.0646+0.0345i
11.3	0.1111+0.0583i	0.0808+0.0125i	9.7741-0.3365i	-0.0390+0.0259i	0.0831+0.0361i	1.1556+0.2902i	-0.0283+0.0125i	0.0682+0.0354i
11.4	0.0964+0.0557i	0.0856+0.0111i	10.2154-0.3674i	-0.0480+0.0272i	0.0928+0.0390i	1.1294+0.2529i	-0.0352+0.0106i	0.0763+0.0380i
11.5	0.0830+0.0518i	0.0896+0.0103i	10.5696-0.3566i	-0.0551+0.0259i	0.0995+0.0399i	1.0844+0.2585i	-0.0415+0.0069i	0.0808+0.0385i
11.6	0.0700+0.0453i	0.0925+0.0113i	10.9996-0.3250i	-0.0623+0.0249i	0.1039+0.0387i	1.0244+0.2635i	-0.0490+0.0062i	0.0840+0.0371i
11.7	0.0599+0.0461i	0.0954+0.0106i	11.4274-0.4355i	-0.0662+0.0291i	0.1072+0.0365i	0.9494+0.2312i	-0.0548+0.0072i	0.0856+0.0353i
11.8	0.0451+0.0499i	0.0988+0.0106i	11.8870-0.5327i	-0.0713+0.0299i	0.1101+0.0382i	0.9385+0.2495i	-0.0610+0.0069i	0.0870+0.0385i
11.9	0.0325+0.0506i	0.0992+0.0118i	12.2713-0.5161i	-0.0773+0.0285i	0.1087+0.0422i	0.9383+0.1894i	-0.0641+0.0051i	0.0841+0.0413i

12.0	0.0184+0.0493i	0.1011+0.0116i	12.8291-0.4552i	-0.0834+0.0262i	0.1082+0.0473i	0.8521+0.1973i	-0.0692+0.0028i	0.0821+0.0449i
12.1	0.0056+0.0499i	0.1049+0.0144i	13.3147-0.4754i	-0.0885+0.0260i	0.1083+0.0548i	0.8340+0.2318i	-0.0739+0.0008i	0.0817+0.0517i
12.2	-0.0073+0.0595i	0.1064+0.0204i	13.9208-0.5633i	-0.0967+0.0269i	0.1069+0.0663i	0.8073+0.2580i	-0.0785-0.0005i	0.0772+0.0627i
12.3	-0.0141+0.0680i	0.1071+0.0262i	14.4054-0.6543i	-0.1038+0.0268i	0.1076+0.0817i	0.7760+0.3130i	-0.0823-0.0036i	0.0752+0.0780i
12.4	-0.0217+0.0796i	0.1089+0.0343i	14.9508-0.6789i	-0.1101+0.0306i	0.1139+0.1080i	0.7550+0.3393i	-0.0862-0.0089i	0.0787+0.1004i
12.5	-0.0255+0.0942i	0.1165+0.0494i	15.6161-0.8565i	-0.1193+0.0376i	0.1330+0.1418i	0.7376+0.3324i	-0.0940-0.0151i	0.0916+0.1327i
12.6	-0.0247+0.1059i	0.1290+0.0679i	16.1429-0.9709i	-0.1236+0.0434i	0.1575+0.1699i	0.7829+0.3552i	-0.1018-0.0208i	0.1117+0.1595i
12.7	-0.0204+0.1138i	0.1464+0.0840i	16.7127-1.0648i	-0.1253+0.0485i	0.1914+0.1964i	0.8364+0.3817i	-0.1122-0.0271i	0.1388+0.1846i
12.8	-0.0076+0.1206i	0.1788+0.0977i	17.4133-1.1707i	-0.1230+0.0555i	0.2542+0.2194i	0.8812+0.3788i	-0.1294-0.0336i	0.1912+0.2061i
12.9	0.0082+0.1221i	0.2162+0.0987i	17.9783-1.2524i	-0.1182+0.0573i	0.3239+0.2213i	0.8897+0.3178i	-0.1458-0.0361i	0.2522+0.2109i
13.0	0.0222+0.1085i	0.2551+0.0878i	18.6844-1.2263i	-0.1143+0.0511i	0.3883+0.1999i	0.8903+0.3035i	-0.1625-0.0334i	0.3100+0.1945i
13.1	0.0271+0.0928i	0.2891+0.0665i	19.5365-1.3015i	-0.1167+0.0469i	0.4432+0.1593i	0.9128+0.2566i	-0.1810-0.0265i	0.3589+0.1601i
13.2	0.0250+0.0771i	0.3079+0.0454i	20.3564-1.4078i	-0.1217+0.0413i	0.4768+0.1183i	0.8674+0.2237i	-0.1934-0.0182i	0.3829+0.1242i
13.3	0.0129+0.0588i	0.3236+0.0211i	21.3255-1.5029i	-0.1308+0.0360i	0.5029+0.0682i	0.7974+0.2332i	-0.2076-0.0112i	0.4025+0.0795i
13.4	-0.0001+0.0479i	0.3375+0.0036i	22.2630-1.6108i	-0.1392+0.0350i	0.5195+0.0304i	0.8024+0.2478i	-0.2176-0.0021i	0.4137+0.0499i
13.5	-0.0159+0.0368i	0.3486-0.0109i	23.3391-1.6899i	-0.1469+0.0337i	0.5307-0.0069i	0.7824+0.2142i	-0.2267+0.0072i	0.4190+0.0225i
13.6	-0.0348+0.0328i	0.3581-0.0240i	24.5032-1.9499i	-0.1537+0.0352i	0.5332-0.0481i	0.7944+0.2335i	-0.2336+0.0188i	0.4179-0.0059i
13.7	-0.0499+0.0339i	0.3705-0.0359i	25.5447-2.2223i	-0.1576+0.0349i	0.5289-0.0696i	0.7527+0.2759i	-0.2361+0.0261i	0.4145-0.0210i
13.8	-0.0690+0.0383i	0.3877-0.0502i	26.8914-2.4161i	-0.1624+0.0334i	0.5252-0.0799i	0.7163+0.2680i	-0.2385+0.0300i	0.4131-0.0317i
13.9	-0.0862+0.0425i	0.4034-0.0615i	28.2424-2.7319i	-0.1700+0.0308i	0.5287-0.0794i	0.7000+0.2809i	-0.2427+0.0277i	0.4172-0.0321i
14.0	-0.1009+0.0463i	0.4241-0.0718i	29.8317-3.0593i	-0.1801+0.0276i	0.5468-0.0757i	0.7192+0.2686i	-0.2511+0.0254i	0.4305-0.0293i
14.1	-0.1157+0.0506i	0.4480-0.0867i	31.5801-3.5147i	-0.1921+0.0270i	0.5740-0.0797i	0.6862+0.2795i	-0.2615+0.0252i	0.4455-0.0334i
14.2	-0.1277+0.0541i	0.4784-0.1023i	33.2829-3.8661i	-0.1983+0.0255i	0.6136-0.0815i	0.6530+0.3275i	-0.2743+0.0240i	0.4683-0.0367i
14.3	-0.1442+0.0607i	0.5148-0.1289i	35.2752-4.6504i	-0.2112+0.0260i	0.6647-0.0916i	0.6335+0.3085i	-0.2941+0.0262i	0.5030-0.0438i
14.4	-0.1702+0.0669i	0.5515-0.1632i	37.5800-5.3874i	-0.2273+0.0256i	0.7128-0.1160i	0.5700+0.3304i	-0.3164+0.0292i	0.5340-0.0596i
14.5	-0.1929+0.0750i	0.5840-0.2042i	39.6353-6.2597i	-0.2407+0.0242i	0.7576-0.1434i	0.5170+0.3717i	-0.3343+0.0301i	0.5608-0.0760i
14.6	-0.2171+0.0910i	0.6148-0.2796i	42.5973-8.0362i	-0.2559+0.0238i	0.8136-0.2002i	0.4726+0.4133i	-0.3534+0.0391i	0.5916-0.1121i
14.7	-0.2329+0.1116i	0.6176-0.3356i	44.4224-9.7203i	-0.2692+0.0282i	0.8491-0.2466i	0.4637+0.4971i	-0.3691+0.0520i	0.6108-0.1387i
14.8	-0.2591+0.1403i	0.5903-0.4069i	46.7746-11.3379i	-0.2880+0.0288i	0.8909-0.2957i	0.4081+0.5891i	-0.3932+0.0618i	0.6309-0.1599i
14.9	-0.2793+0.1764i	0.5539-0.4253i	49.3394-12.6464i	-0.3084+0.0355i	0.9199-0.3330i	0.3227+0.6265i	-0.4155+0.0790i	0.6453-0.1647i
15.0	-0.2718+0.2308i	0.5765-0.3832i	52.3897-13.9847i	-0.3172+0.0608i	0.9735-0.3079i	0.3383+0.7340i	-0.4253+0.1008i	0.6972-0.1194i
15.1	-0.2310+0.2866i	0.7009-0.3673i	57.6486-16.3898i	-0.3038+0.0848i	1.1818-0.3046i	0.3293+0.9134i	-0.4342+0.1203i	0.8776-0.0959i
15.2	-0.1895+0.2852i	0.8156-0.4045i	61.8883-18.3385i	-0.2880+0.0759i	1.3581-0.3715i	0.3222+1.0278i	-0.4375+0.1166i	1.0310-0.1498i
15.3	-0.1701+0.2561i	0.9519-0.5377i	67.6277-22.8860i	-0.2773+0.0464i	1.5639-0.5644i	0.4024+1.1571i	-0.4585+0.1049i	1.1935-0.3148i
15.4	-0.1982+0.2165i	1.1204-0.7694i	75.7886-30.1686i	-0.2753-0.0137i	1.8166-0.8880i	0.2689+1.3527i	-0.5004+0.0929i	1.3599-0.5732i
15.5	-0.2290+0.2139i	1.2069-1.0560i	81.4712-39.6862i	-0.2882-0.0743i	1.9702-1.2731i	0.1262+1.7880i	-0.5374+0.0930i	1.4528-0.8512i
15.6	-0.2611+0.2255i	1.1638-1.4582i	83.7495-53.8792i	-0.3389-0.1542i	1.9572-1.8263i	0.2593+2.3436i	-0.5831+0.1061i	1.4264-1.2331i
15.7	-0.3095+0.2414i	0.8537-1.9458i	79.2091-71.9254i	-0.4733-0.2471i	1.6007-2.5157i	0.8836+2.9855i	-0.6552+0.1214i	1.1526-1.7015i
15.8	-0.3405+0.2806i	0.3692-2.3274i	69.7694-86.8263i	-0.6526-0.3139i	1.0326-3.0483i	1.7551+3.4277i	-0.7258+0.1391i	0.7396-2.0530i
15.9	-0.3668+0.3411i	-0.2632-2.3710i	54.8476-94.8176i	-0.8829-0.2650i	0.2452-3.1769i	2.7194+3.3085i	-0.8065+0.1960i	0.1930-2.1046i
16.0	-0.3310+0.4100i	-0.8574-2.0903i	39.8383-93.7046i	-1.0882-0.1121i	-0.4866-2.8901i	3.8125+2.7738i	-0.8864+0.2755i	-0.2829-1.8677i
16.1	-0.2913+0.4415i	-1.1382-1.7583i	32.7322-89.0713i	-1.1906+0.0394i	-0.8143-2.5150i	4.4121+2.1657i	-0.9429+0.3440i	-0.4769-1.5991i
16.2	-0.2667+0.4290i	-1.2612-1.3833i	31.3605-84.3104i	-1.2763+0.2121i	-0.9433-2.1116i	4.7215+1.3629i	-1.0148+0.4317i	-0.5361-1.3286i
16.3	-0.2714+0.4135i	-1.2906-1.0746i	34.7636-83.1713i	-1.3566+0.3934i	-0.9261-1.8220i	4.9762+0.5982i	-1.1020+0.5438i	-0.5024-1.1422i
16.4	-0.3249+0.4254i	-1.2007-0.8861i	39.3640-87.7322i	-1.3888+0.5806i	-0.8063-1.6826i	4.9241+0.0002i	-1.1621+0.6863i	-0.4152-1.0624i
16.5	-0.3813+0.4269i	-1.1428-0.7133i	42.8426-98.8205i	-1.4208+0.8452i	-0.7248-1.6463i	4.9222-0.9025i	-1.2229+0.9060i	-0.3601-1.0665i
16.6	-0.4501+0.4566i	-1.1175-0.6270i	42.5429-113.2194i	-1.4046+1.0965i	-0.6983-1.7358i	4.7768-1.7153i	-1.2482+1.1388i	-0.3620-1.1463i
16.7	-0.6039+0.5524i	-1.1321-0.5402i	32.6338-133.5300i	-1.3281+1.3801i	-0.8098-1.9022i	4.1014-2.6161i	-1.2184+1.4394i	-0.4960-1.2519i
16.8	-0.7022+0.7563i	-1.1262-0.4075i	13.4034-146.7826i	-1.1982+1.6167i	-1.0829-1.9360i	3.2865-2.9238i	-1.0907+1.7081i	-0.7219-1.2138i
16.9	-0.6389+1.0466i	-1.0825-0.3103i	-14.6938-148.5859i	-0.9313+1.8936i	-1.4252-1.7339i	2.6119-3.0716i	-0.8013+1.9854i	-0.9267-1.0002i
17.0	-0.4877+1.3141i	-1.0762-0.2417i	-39.4645-143.3298i	-0.5698+2.1409i	-1.5877-1.4744i	1.9105-3.2199i	-0.4467+2.2064i	-0.9876-0.7808i
17.1	-0.3038+1.4563i	-1.0270-0.1178i	-54.3313-135.8910i	-0.2520+2.1679i	-1.6261-1.3388i	1.2070-3.1612i	-0.1516+2.2576i	-0.9750-0.6568i
17.2	0.0104+1.5918i	-0.9445-0.0579i	-72.2441-122.2087i	0.1357+2.1699i	-1.7222-1.1363i	0.5820-2.7791i	0.2570+2.2923i	-0.9638-0.5007i
17.3	0.3308+1.5437i	-0.9495-0.0503i	-79.4159-101.1646i	0.5052+2.0156i	-1.6586-0.8831i	0.3361-2.2701i	0.6255+2.1116i	-0.8714-0.3655i
17.4	0.5791+1.3795i	-0.9846+0.0541i	-78.9951-84.3096i	0.7939+1.7260i	-1.5439-0.7303i	0.1746-1.8447i	0.8914+1.8312i	-0.7698-0.2867i
17.5	0.7082+1.2466i	-0.9237+0.1627i	-78.2347-76.3619i	0.9075+1.4968i	-1.4807-0.6887i	0.1589-1.5486i	1.0103+1.6336i	-0.7099-0.2636i
17.6	0.8290+1.0841i	-0.8136+0.2284i	-79.7659-66.2278i	0.9856+1.2470i	-1.4540-0.6211i	0.1577-1.2793i	1.1261+1.4051i	-0.6550-0.2311i
17.7	0.8718+0.9161i	-0.7655+0.2681i	-77.3718-57.3752i	0.9898+1.0293i	-1.4175-0.5646i	0.2091-1.0497i	1.1604+1.1867i	-0.6041-0.2151i
17.8	0.8914+0.7610i	-0.7063+0.3397i	-74.5458-50.1363i	0.9686+0.8274i	-1.3799-0.5295i	0.3225-0.8742i	1.1630+0.9806i	-0.5585-0.2084i
17.9	0.8810+0.6631i	-0.6234+0.3912i	-72.6889-45.9233i	0.9208+0.7053i	-1.3723-0.5112i	0.3507-0.8518i	1.1364+0.8530i	-0.5367-0.2088i
18.0	0.8638+0.5513i	-0.5188+0.4107i	-70.6115-40.3847i	0.8596+0.5782i	-1.3716-0.4789i	0.3492-0.7669i	1.0944+0.7118i	-0.5203-0.2073i
18.1	0.8342+0.4720i	-0.4404+0.3962i	-68.4606-35.7203i	0.7990+0.4932i	-1.3810-0.4373i	0.4241-0.6883i	1.0474+0.6109i	-0.5124-0.1972i
18.2	0.7840+0.3907i	-0.3774+0.3843i	-64.7696-31.0390i	0.7220+0.4075i	-1.3654-0.3878i	0.4541-0.6665i	0.9805+0.5104i	-0.4888-0.1800i

18.3	0.7412+0.3401i	-0.3344+0.3797i	-61.9813-28.2792i	0.6644+0.3549i	-1.3514-0.3576i	0.4375-0.6508i	0.9268+0.4481i	-0.4704-0.1715i
18.4	0.7043+0.3001i	-0.3031+0.3721i	-59.5578-25.8132i	0.6129+0.3100i	-1.3473-0.3241i	0.4054-0.6005i	0.8843+0.3971i	-0.4538-0.1626i
18.5	0.6532+0.2732i	-0.2800+0.3850i	-57.0112-24.2522i	0.5424+0.2690i	-1.3415-0.3044i	0.3715-0.4918i	0.8285+0.3554i	-0.4320-0.1586i
18.6	0.5981+0.2627i	-0.2164+0.4491i	-55.0402-22.6516i	0.4401+0.2414i	-1.3488-0.2877i	0.4845-0.3001i	0.7626+0.3154i	-0.4083-0.1657i
18.7	0.5844+0.2686i	-0.1119+0.4596i	-53.7669-21.3814i	0.3932+0.2708i	-1.3715-0.2726i	0.6103-0.3739i	0.7239+0.3092i	-0.4143-0.1778i
18.8	0.5673+0.2541i	0.0048+0.4167i	-52.3057-19.2897i	0.3658+0.2788i	-1.4015-0.2300i	0.5598-0.4478i	0.6910+0.2904i	-0.4275-0.1668i
18.9	0.5438+0.2461i	0.0579+0.3575i	-50.5239-17.5325i	0.3411+0.2756i	-1.4104-0.1841i	0.5291-0.4403i	0.6632+0.2736i	-0.4262-0.1490i
19.0	0.5231+0.2448i	0.1019+0.2999i	-48.8620-16.4478i	0.3094+0.2785i	-1.4179-0.1405i	0.5446-0.4184i	0.6334+0.2663i	-0.4159-0.1359i
19.1	0.5060+0.2450i	0.1311+0.2474i	-47.2076-15.2372i	0.2806+0.2817i	-1.4275-0.0850i	0.5715-0.3885i	0.6092+0.2565i	-0.4036-0.1109i
19.2	0.4894+0.2436i	0.1558+0.1990i	-45.6102-14.0263i	0.2523+0.2827i	-1.4493-0.0291i	0.6479-0.3227i	0.5876+0.2437i	-0.3951-0.0887i
19.3	0.4803+0.2504i	0.1776+0.1532i	-43.9394-13.1921i	0.2222+0.2920i	-1.4456+0.0288i	0.7176-0.2741i	0.5614+0.2385i	-0.3670-0.0687i
19.4	0.4716+0.2582i	0.1894+0.1135i	-42.3456-12.4483i	0.1947+0.3046i	-1.4246+0.0874i	0.7092-0.2965i	0.5341+0.2348i	-0.3342-0.0545i
19.5	0.4698+0.2650i	0.2099+0.0825i	-41.2895-11.8723i	0.1789+0.3183i	-1.4396+0.1312i	0.7502-0.2756i	0.5251+0.2378i	-0.3225-0.0457i
19.6	0.4732+0.2670i	0.2175+0.0358i	-40.0232-11.7054i	0.1611+0.3316i	-1.4018+0.1995i	0.8055-0.3243i	0.5016+0.2317i	-0.2844-0.0408i
19.7	0.4691+0.2787i	0.2300-0.0076i	-38.5019-11.3682i	0.1348+0.3589i	-1.3779+0.2285i	0.7731-0.3210i	0.4723+0.2483i	-0.2519-0.0518i
19.8	0.4752+0.2813i	0.2343-0.0438i	-37.6282-11.1396i	0.1274+0.3806i	-1.3607+0.2611i	0.7901-0.3324i	0.4658+0.2578i	-0.2257-0.0626i
19.9	0.4804+0.2874i	0.2301-0.0763i	-36.6990-11.0237i	0.1193+0.4062i	-1.3101+0.2860i	0.8145-0.4173i	0.4508+0.2738i	-0.1878-0.0737i
20.0	0.4838+0.2975i	0.2312-0.1033i	-35.8557-10.7963i	0.1112+0.4356i	-1.2762+0.2890i	0.8051-0.4627i	0.4402+0.2981i	-0.1511-0.0930i
20.1	0.5025+0.3065i	0.2434-0.1190i	-35.2026-10.4303i	0.1159+0.4555i	-1.2688+0.2868i	0.7406-0.4039i	0.4527+0.3164i	-0.1128-0.1082i
20.2	0.5080+0.3133i	0.2475-0.1450i	-34.3823-10.0178i	0.1084+0.4858i	-1.2595+0.2739i	0.6925-0.3676i	0.4485+0.3389i	-0.0852-0.1503i
20.3	0.5324+0.3066i	0.2624-0.1793i	-33.6437-9.9186i	0.1196+0.5030i	-1.2761+0.2819i	0.6930-0.3114i	0.4691+0.3437i	-0.0698-0.1997i
20.4	0.5668+0.3016i	0.2948-0.2088i	-32.8488-9.6761i	0.1271+0.5218i	-1.3067+0.2758i	0.7240-0.2947i	0.4918+0.3560i	-0.0353-0.2492i
20.5	0.5896+0.2950i	0.3221-0.2643i	-32.1826-9.6936i	0.1301+0.5498i	-1.3397+0.2915i	0.7015-0.3066i	0.5128+0.3690i	-0.0123-0.3100i
20.6	0.6039+0.2671i	0.3320-0.3498i	-31.5656-9.7641i	0.1346+0.5721i	-1.3820+0.3657i	0.6332-0.2799i	0.5327+0.3531i	-0.0178-0.3799i
20.7	0.6226+0.2406i	0.3122-0.4324i	-31.0760-9.7444i	0.1594+0.6029i	-1.4065+0.4430i	0.6573-0.2115i	0.5618+0.3377i	-0.0466-0.4587i
20.8	0.6418+0.2151i	0.2826-0.4986i	-30.6956-9.7987i	0.1971+0.6308i	-1.4197+0.5010i	0.7286-0.2119i	0.5942+0.3254i	-0.0974-0.5323i
20.9	0.6388+0.1811i	0.2171-0.5621i	-30.6247-9.8198i	0.2339+0.6412i	-1.3945+0.5388i	0.7365-0.2016i	0.6062+0.3088i	-0.1712-0.5943i
21.0	0.6372+0.1479i	0.1506-0.6213i	-30.3774-9.6201i	0.2694+0.6488i	-1.3711+0.5820i	0.7337-0.1468i	0.6192+0.2891i	-0.2397-0.6547i
21.1	0.6324+0.1282i	0.1096-0.6424i	-30.0684-9.4586i	0.2904+0.6442i	-1.3824+0.6342i	0.7091-0.1314i	0.6305+0.2623i	-0.2967-0.6638i
21.2	0.6226+0.1121i	0.0492-0.6364i	-29.7367-9.0766i	0.3200+0.6259i	-1.4010+0.6419i	0.7130-0.0137i	0.6421+0.2400i	-0.3915-0.6688i
21.3	0.5947+0.0993i	-0.0325-0.6165i	-29.4391-8.8365i	0.3464+0.6047i	-1.4134+0.6358i	0.7331+0.1065i	0.6441+0.2217i	-0.5209-0.6655i
21.4	0.5831+0.0837i	-0.0781-0.6270i	-29.0594-8.5374i	0.3622+0.5958i	-1.4317+0.6842i	0.8587+0.0776i	0.6435+0.1975i	-0.6131-0.6510i
21.5	0.5767+0.0749i	-0.1133-0.6168i	-28.6869-8.2563i	0.3785+0.5829i	-1.4756+0.7270i	0.9307+0.0528i	0.6503+0.1771i	-0.7010-0.6157i
21.6	0.5553+0.0711i	-0.1530-0.6020i	-28.3916-8.1315i	0.3866+0.5756i	-1.5028+0.7738i	0.9707+0.1130i	0.6427+0.1610i	-0.7937-0.5800i
21.7	0.5520+0.0711i	-0.1516-0.5814i	-27.8575-7.8240i	0.3828+0.5599i	-1.5752+0.8492i	1.1210+0.1743i	0.6429+0.1365i	-0.8569-0.5045i
21.8	0.5518+0.0726i	-0.1406-0.5600i	-27.1962-7.6118i	0.3731+0.5487i	-1.6824+0.9258i	1.2500+0.1809i	0.6504+0.1182i	-0.9163-0.4278i
21.9	0.5596+0.0657i	-0.1196-0.5723i	-26.5914-7.5380i	0.3608+0.5519i	-1.7740+1.0535i	1.3533+0.0715i	0.6562+0.0992i	-0.9568-0.3530i
22.0	0.5640+0.0712i	-0.0874-0.5637i	-26.0529-7.4124i	0.3410+0.5485i	-1.8833+1.1681i	1.4213+0.0154i	0.6568+0.0847i	-0.9994-0.2617i
22.1	0.5613+0.0629i	-0.0772-0.5853i	-25.4865-7.4903i	0.3319+0.5556i	-1.9429+1.3457i	1.5060-0.0643i	0.6522+0.0591i	-1.0397-0.1672i
22.2	0.5591+0.0567i	-0.0862-0.6254i	-25.1810-7.7093i	0.3344+0.5767i	-1.9575+1.5670i	1.6450-0.0938i	0.6466+0.0370i	-1.0748-0.0760i
22.3	0.5696+0.0485i	-0.0418-0.6944i	-24.5549-8.0103i	0.3093+0.6118i	-2.0629+1.8972i	1.7302-0.2597i	0.6487+0.0073i	-1.0820+0.0516i
22.4	0.5694+0.0370i	-0.0432-0.7861i	-24.1636-8.4257i	0.3074+0.6564i	-2.0754+2.2772i	1.7739-0.4486i	0.6423-0.0243i	-1.0991+0.1937i
22.5	0.5698+0.0249i	-0.0611-0.8744i	-23.8854-8.8137i	0.3134+0.7044i	-2.0169+2.6675i	1.8170-0.5918i	0.6345-0.0554i	-1.0927+0.3430i
22.6	0.5675+0.0049i	-0.1208-1.0199i	-23.8156-9.4832i	0.3385+0.7804i	-1.7830+3.2287i	1.8066-0.7064i	0.6103-0.0961i	-1.0196+0.5242i
22.7	0.5583-0.0221i	-0.2510-1.1502i	-24.1752-10.0234i	0.4091+0.8492i	-1.3156+3.7143i	1.7544-0.8627i	0.5743-0.1328i	-0.8849+0.6725i
22.8	0.5339-0.0352i	-0.4649-1.2087i	-24.8697-10.3115i	0.5214+0.8811i	-0.6070+3.9588i	1.5908-1.0018i	0.5255-0.1505i	-0.6953+0.7657i
22.9	0.5104-0.0397i	-0.6755-1.2122i	-25.4648-10.2582i	0.6287+0.8801i	0.0863+4.0382i	1.3733-1.0670i	0.4796-0.1593i	-0.5028+0.8196i
23.0	0.4852-0.0329i	-0.9041-1.0904i	-26.1774-9.7063i	0.7505+0.8126i	0.8783+3.7322i	1.2190-0.9152i	0.4226-0.1507i	-0.2872+0.7628i
23.1	0.4765-0.0265i	-1.0509-0.9630i	-26.6786-9.0260i	0.8363+0.7430i	1.4777+3.3544i	1.2122-0.7597i	0.3793-0.1336i	-0.1098+0.6684i
23.2	0.4695-0.0156i	-1.1295-0.8063i	-26.7294-8.2278i	0.8784+0.6559i	1.8312+2.8664i	1.2314-0.7344i	0.3531-0.1055i	0.0090+0.5661i
23.3	0.4666-0.0039i	-1.1311-0.6648i	-26.4585-7.6701i	0.8717+0.5846i	1.8538+2.4341i	1.2354-0.7714i	0.3502-0.0758i	0.0329+0.4724i
23.4	0.4641+0.0012i	-1.1526-0.5249i	-26.2943-6.9677i	0.8777+0.5110i	1.9816+1.9550i	1.2078-0.7456i	0.3391-0.0516i	0.0915+0.3431i
23.5	0.4649+0.0070i	-1.1450-0.4327i	-25.9255-6.5100i	0.8697+0.4610i	1.9541+1.6567i	1.2439-0.7678i	0.3371-0.0369i	0.0940+0.2777i
23.6	0.4662+0.0110i	-1.1368-0.3250i	-25.5519-5.9452i	0.8611+0.4101i	1.9338+1.3078i	1.2788-0.7817i	0.3374-0.0201i	0.1012+0.1798i
23.7	0.4700+0.0151i	-1.0977-0.2518i	-25.1709-5.6076i	0.8400+0.3781i	1.8182+1.0693i	1.3244-0.8044i	0.3393-0.0080i	0.0740+0.1137i
23.8	0.4749+0.0173i	-1.0619-0.1797i	-24.7091-5.3618i	0.8225+0.3431i	1.7223+0.8442i	1.3464-0.8248i	0.3408+0.0044i	0.0576+0.0631i
23.9	0.4767+0.0172i	-1.0180-0.1295i	-24.2039-5.1916i	0.8013+0.3194i	1.5793+0.6857i	1.3592-0.8515i	0.3462+0.0099i	0.0267+0.0206i
24.0	0.4790+0.0138i	-0.9798-0.0959i	-23.8304-5.0084i	0.7858+0.3027i	1.4810+0.5793i	1.3460-0.8795i	0.3478+0.0135i	0.0049-0.0080i
24.1	0.4829+0.0164i	-0.9354-0.0609i	-23.4195-4.9068i	0.7726+0.2870i	1.3934+0.5041i	1.3122-0.9091i	0.3474+0.0171i	-0.0045-0.0170i
24.2	0.4932+0.0201i	-0.8978-0.0309i	-23.0129-4.8585i	0.7591+0.2746i	1.2897+0.4288i	1.3006-0.9110i	0.3514+0.0231i	-0.0249-0.0298i
24.3	0.4960+0.0116i	-0.8607-0.0045i	-22.5118-4.6584i	0.7466+0.2512i	1.1941+0.2954i	1.2627-0.9855i	0.3517+0.0220i	-0.0408-0.0850i
24.4	0.4955+0.0077i	-0.8379+0.0050i	-22.1809-4.5763i	0.7365+0.2423i	1.1248+0.2594i	1.2716-0.9956i	0.3499+0.0245i	-0.0659-0.0950i
24.5	0.4983+0.0077i	-0.8194+0.0167i	-21.9009-4.6312i	0.7269+0.2345i	1.0731+0.2354i	1.2602-0.9638i	0.3494+0.0255i	-0.0731-0.0981i

24.6	0.5022+0.0093i	-0.7923+0.0297i	-21.5516-4.6580i	0.7117+0.2245i	1.0217+0.2288i	1.2502-1.0093i	0.3516+0.0274i	-0.0595-0.0808i
24.7	0.5056+0.0021i	-0.7720+0.0292i	-21.2567-4.6394i	0.7007+0.2200i	0.9664+0.1974i	1.3148-1.0377i	0.3508+0.0322i	-0.0775-0.0938i
24.8	0.5118-0.0031i	-0.7484+0.0296i	-20.9127-4.6681i	0.6874+0.2173i	0.9094+0.1755i	1.3144-1.1146i	0.3508+0.0382i	-0.0865-0.0972i
24.9	0.5126-0.0100i	-0.7310+0.0328i	-20.4586-4.7417i	0.6703+0.2129i	0.8650+0.1363i	1.2906-1.1545i	0.3485+0.0452i	-0.0796-0.1063i
25.0	0.5139-0.0201i	-0.7212+0.0353i	-20.2056-4.7072i	0.6634+0.2094i	0.8329+0.1223i	1.2961-1.1797i	0.3506+0.0518i	-0.0811-0.1048i
25.1	0.5134-0.0248i	-0.7178+0.0374i	-19.8970-4.7711i	0.6594+0.2107i	0.8083+0.1026i	1.2752-1.2156i	0.3523+0.0589i	-0.0760-0.1050i
25.2	0.5128-0.0313i	-0.7069+0.0441i	-19.4604-4.8451i	0.6512+0.2076i	0.7635+0.0763i	1.2648-1.2707i	0.3581+0.0644i	-0.0687-0.1116i
25.3	0.5083-0.0349i	-0.7088+0.0454i	-19.1633-4.9314i	0.6476+0.2076i	0.7351+0.0680i	1.2866-1.3151i	0.3639+0.0666i	-0.0689-0.1177i
25.4	0.5034-0.0377i	-0.7140+0.0506i	-18.8275-5.1434i	0.6422+0.2075i	0.7077+0.0625i	1.2630-1.3049i	0.3710+0.0685i	-0.0611-0.1254i
25.5	0.4986-0.0388i	-0.7168+0.0671i	-18.5215-5.2803i	0.6293+0.2090i	0.6828+0.0412i	1.2121-1.3426i	0.3760+0.0709i	-0.0463-0.1402i
25.6	0.4935-0.0391i	-0.7139+0.0898i	-18.2177-5.4952i	0.6239+0.2148i	0.6650+0.0079i	1.1224-1.3635i	0.3813+0.0736i	-0.0297-0.1673i
25.7	0.4890-0.0343i	-0.7194+0.1179i	-17.9498-5.7065i	0.6198+0.2230i	0.6440-0.0128i	1.1172-1.3894i	0.3899+0.0760i	-0.0106-0.1835i
25.8	0.4919-0.0271i	-0.7095+0.1498i	-17.6761-5.9790i	0.6213+0.2274i	0.6218-0.0334i	1.1072-1.4294i	0.4037+0.0756i	-0.0024-0.2136i
25.9	0.5024-0.0278i	-0.6751+0.1741i	-17.3258-6.2525i	0.6193+0.2255i	0.5799-0.0516i	1.1245-1.3962i	0.4123+0.0709i	0.0041-0.2421i
26.0	0.5108-0.0354i	-0.6527+0.1953i	-17.1310-6.6227i	0.6149+0.2311i	0.5527-0.0710i	1.2210-1.4357i	0.4201+0.0693i	0.0123-0.2752i
26.1	0.5101-0.0367i	-0.6341+0.2199i	-16.9852-6.8897i	0.6162+0.2389i	0.5375-0.0931i	1.2078-1.4833i	0.4290+0.0662i	0.0211-0.3148i
26.2	0.5083-0.0541i	-0.5827+0.2372i	-16.8466-7.3567i	0.6229+0.2443i	0.4993-0.1127i	1.0952-1.5590i	0.4418+0.0559i	0.0173-0.3730i
26.3	0.4973-0.0652i	-0.5286+0.2494i	-16.9613-7.8199i	0.6272+0.2407i	0.4746-0.1331i	1.0177-1.6157i	0.4510+0.0413i	0.0037-0.4315i
26.4	0.4836-0.0621i	-0.4915+0.2512i	-17.0812-8.0809i	0.6279+0.2392i	0.4528-0.1375i	0.9612-1.5644i	0.4552+0.0317i	-0.0144-0.4600i
26.5	0.4720-0.0555i	-0.4351+0.2380i	-17.2277-8.3983i	0.6266+0.2410i	0.4201-0.1575i	0.9609-1.5456i	0.4554+0.0180i	-0.0400-0.5173i
26.6	0.4606-0.0422i	-0.3725+0.2060i	-17.2429-8.5625i	0.6166+0.2436i	0.3699-0.1918i	0.9460-1.6182i	0.4509+0.0105i	-0.0755-0.5685i
26.7	0.4615-0.0245i	-0.3297+0.1739i	-17.3001-8.6680i	0.6138+0.2481i	0.3199-0.2095i	0.9229-1.6086i	0.4552+0.0058i	-0.1105-0.6045i
26.8	0.4693-0.0144i	-0.2994+0.1250i	-17.2564-8.8148i	0.6084+0.2586i	0.2769-0.2185i	0.9707-1.5831i	0.4534-0.0074i	-0.1415-0.6523i
26.9	0.4757-0.0094i	-0.2777+0.0777i	-17.2481-8.9680i	0.6054+0.2729i	0.2261-0.2246i	0.9353-1.6447i	0.4531-0.0118i	-0.1797-0.6880i
27.0	0.4742-0.0049i	-0.2589+0.0105i	-17.2135-9.2473i	0.6109+0.2904i	0.1682-0.2177i	0.8023-1.7047i	0.4587-0.0218i	-0.2242-0.7424i
27.1	0.4712+0.0044i	-0.2573-0.0478i	-17.2122-9.6240i	0.6189+0.3078i	0.1164-0.2036i	0.7151-1.7090i	0.4577-0.0359i	-0.2828-0.7904i
27.2	0.4663+0.0149i	-0.2636-0.1116i	-17.2629-10.1564i	0.6238+0.3266i	0.0458-0.1753i	0.7157-1.7239i	0.4506-0.0527i	-0.3680-0.8398i
27.3	0.4744+0.0318i	-0.2879-0.1741i	-17.6667-10.6800i	0.6376+0.3440i	-0.0029-0.1314i	0.6257-1.7919i	0.4373-0.0675i	-0.4684-0.8741i
27.4	0.4867+0.0484i	-0.3240-0.2348i	-18.2198-11.0295i	0.6619+0.3606i	-0.0500-0.0616i	0.5010-1.7507i	0.4212-0.0771i	-0.5952-0.8740i
27.5	0.4989+0.0683i	-0.3685-0.2943i	-18.8344-11.4129i	0.6893+0.3790i	-0.0855+0.0151i	0.4312-1.7007i	0.4043-0.0847i	-0.7153-0.8594i
27.6	0.5128+0.0886i	-0.4141-0.3335i	-19.3921-11.5607i	0.7152+0.3907i	-0.1081+0.0744i	0.3377-1.6209i	0.3850-0.0865i	-0.8256-0.8304i
27.7	0.5363+0.1118i	-0.4717-0.3655i	-20.1575-11.5136i	0.7491+0.3962i	-0.1043+0.1747i	0.2876-1.4744i	0.3640-0.0778i	-0.9339-0.7378i
27.8	0.5715+0.1250i	-0.5318-0.3848i	-20.8476-11.2651i	0.7801+0.3948i	-0.0602+0.2610i	0.3021-1.3592i	0.3489-0.0687i	-0.9926-0.6358i
27.9	0.6087+0.1279i	-0.5910-0.4010i	-21.3568-10.8556i	0.8045+0.3878i	-0.0043+0.3134i	0.3466-1.2814i	0.3351-0.0518i	-1.0297-0.5443i
28.0	0.6375+0.1233i	-0.6422-0.4028i	-21.7379-10.3527i	0.8244+0.3798i	0.0484+0.3380i	0.3817-1.2051i	0.3312-0.0375i	-1.0410-0.4681i
28.1	0.6715+0.1137i	-0.7009-0.4022i	-22.0883-9.7708i	0.8529+0.3799i	0.1096+0.3533i	0.4668-1.1826i	0.3282-0.0180i	-1.0490-0.3919i
28.2	0.7078+0.0944i	-0.7581-0.3809i	-22.1700-9.1225i	0.8898+0.3730i	0.1834+0.3373i	0.5352-1.2377i	0.3385-0.0012i	-1.0207-0.3426i
28.3	0.7407+0.0728i	-0.8064-0.3762i	-22.2352-8.5816i	0.9273+0.3504i	0.2424+0.3150i	0.5877-1.1724i	0.3483+0.0050i	-1.0095-0.3089i
28.4	0.7534+0.0534i	-0.8393-0.3619i	-22.1769-8.1664i	0.9432+0.3266i	0.2624+0.2944i	0.6234-1.1590i	0.3547+0.0090i	-1.0069-0.2785i
28.5	0.7656+0.0345i	-0.8735-0.3511i	-22.0242-7.7757i	0.9527+0.3061i	0.2752+0.2813i	0.6301-1.1368i	0.3606+0.0138i	-1.0058-0.2484i
28.6	0.7881+0.0119i	-0.9165-0.3384i	-21.7482-7.2676i	0.9645+0.2929i	0.3004+0.2472i	0.6666-1.1026i	0.3674+0.0183i	-0.9965-0.2404i
28.7	0.8071-0.0063i	-0.9627-0.3333i	-21.6076-6.9999i	0.9793+0.2837i	0.3202+0.2250i	0.7616-1.1059i	0.3726+0.0210i	-1.0006-0.2318i
28.8	0.8135-0.0283i	-0.9998-0.3122i	-21.2817-6.7539i	0.9906+0.2712i	0.3191+0.1938i	0.8824-1.1919i	0.3767+0.0205i	-1.0119-0.2304i
28.9	0.8202-0.0506i	-1.0378-0.2952i	-20.9480-6.5417i	1.0039+0.2604i	0.3159+0.1705i	0.9164-1.2357i	0.3801+0.0188i	-1.0312-0.2279i
29.0	0.8301-0.0718i	-1.0885-0.2751i	-20.7793-6.3541i	1.0198+0.2501i	0.3239+0.1499i	0.9026-1.2140i	0.3800+0.0203i	-1.0554-0.2150i
29.1	0.8417-0.0908i	-1.1389-0.2584i	-20.5690-6.2195i	1.0372+0.2419i	0.3255+0.1299i	0.9975-1.2222i	0.3855+0.0232i	-1.0864-0.2046i
29.2	0.8503-0.1108i	-1.1951-0.2280i	-20.3478-6.1777i	1.0605+0.2320i	0.3216+0.1153i	1.0610-1.3180i	0.3857+0.0257i	-1.1313-0.1865i
29.3	0.8557-0.1325i	-1.2306-0.1819i	-20.0595-6.1123i	1.0773+0.2165i	0.3089+0.0967i	1.0597-1.4291i	0.3880+0.0296i	-1.1663-0.1589i
29.4	0.8678-0.1530i	-1.2745-0.1439i	-19.9241-6.0644i	1.0990+0.2040i	0.3128+0.0719i	1.0991-1.4738i	0.3946+0.0318i	-1.1942-0.1477i
29.5	0.8619-0.1749i	-1.3105-0.1052i	-19.7124-6.0136i	1.1151+0.1848i	0.2927+0.0686i	1.0925-1.5422i	0.3989+0.0352i	-1.2296-0.1003i
29.6	0.8611-0.1921i	-1.3657-0.0665i	-19.5531-5.9849i	1.1384+0.1699i	0.2883+0.0574i	1.0562-1.5695i	0.4030+0.0391i	-1.2685-0.0715i
29.7	0.8634-0.2141i	-1.3946-0.0173i	-19.3356-6.0127i	1.1582+0.1523i	0.2697+0.0352i	1.1099-1.6164i	0.4070+0.0358i	-1.3146-0.0482i
29.8	0.8624-0.2332i	-1.4158+0.0375i	-19.1476-6.0827i	1.1754+0.1297i	0.2464+0.0383i	1.0835-1.6992i	0.4113+0.0362i	-1.3557+0.0008i
29.9	0.8636-0.2550i	-1.4489+0.0971i	-18.9462-6.1094i	1.1970+0.1041i	0.2180+0.0299i	1.1149-1.7638i	0.4091+0.0348i	-1.4227+0.0429i
30.0	0.8633-0.2740i	-1.4810+0.1572i	-18.6851-6.1158i	1.2122+0.0747i	0.1910+0.0352i	1.1484-1.8375i	0.4107+0.0339i	-1.4776+0.1093i
30.1	0.8601-0.2941i	-1.4833+0.2076i	-18.5056-6.1883i	1.2267+0.0521i	0.1662+0.0608i	1.1767-1.9008i	0.4128+0.0374i	-1.5186+0.1942i
30.2	0.8533-0.3103i	-1.4906+0.2550i	-18.3738-6.2272i	1.2359+0.0302i	0.1550+0.0892i	1.1744-1.9679i	0.4116+0.0409i	-1.5418+0.2848i
30.3	0.8446-0.3370i	-1.4915+0.3011i	-18.2224-6.2780i	1.2427+0.0050i	0.1569+0.1304i	1.1620-2.1036i	0.4084+0.0441i	-1.5483+0.3920i
30.4	0.8303-0.3583i	-1.5052+0.3472i	-18.1127-6.3225i	1.2555-0.0177i	0.1804+0.1602i	1.1140-2.2628i	0.3998+0.0521i	-1.5443+0.5003i
30.5	0.8095-0.3724i	-1.5346+0.3822i	-18.0251-6.4267i	1.2762-0.0332i	0.2249+0.1651i	0.9934-2.3935i	0.3980+0.0711i	-1.5163+0.5703i
30.6	0.7932-0.3721i	-1.5609+0.4284i	-17.8903-6.5621i	1.3028-0.0541i	0.2490+0.1329i	0.8762-2.4165i	0.4093+0.0841i	-1.5062+0.5919i
30.7	0.7843-0.3769i	-1.5820+0.4865i	-17.6979-6.6437i	1.3273-0.0926i	0.2377+0.1411i	0.7725-2.4410i	0.4159+0.0960i	-1.5408+0.6849i
30.8	0.7703-0.3785i	-1.6266+0.5483i	-17.5700-6.7506i	1.3518-0.1421i	0.2321+0.1414i	0.7150-2.4035i	0.4215+0.1100i	-1.5831+0.7833i

30.9	0.7642-0.3838i	-1.6592+0.6120i	-17.5525-6.8774i	1.3728-0.1827i	0.2285+0.1437i	0.7236-2.4101i	0.4241+0.1194i	-1.6219+0.8751i
31.0	0.7585-0.3975i	-1.6735+0.6922i	-17.3676-7.0059i	1.3871-0.2428i	0.2066+0.1474i	0.6602-2.4946i	0.4185+0.1322i	-1.6686+1.0060i
31.1	0.7361-0.3979i	-1.6811+0.7985i	-17.2763-7.1945i	1.3690-0.3156i	0.2153+0.1768i	0.5799-2.4845i	0.4252+0.1607i	-1.6307+1.2068i
31.2	0.7217-0.3814i	-1.6602+0.8911i	-17.2500-7.3523i	1.3592-0.3547i	0.2291+0.1904i	0.5413-2.5001i	0.4408+0.1833i	-1.5772+1.3543i
31.3	0.7160-0.3672i	-1.6509+0.9603i	-17.1980-7.4864i	1.3400-0.3953i	0.2585+0.2104i	0.5412-2.4792i	0.4628+0.2117i	-1.4856+1.4970i
31.4	0.7110-0.3577i	-1.6440+1.0472i	-17.1477-7.5639i	1.3236-0.4512i	0.2746+0.2458i	0.5613-2.4758i	0.4782+0.2472i	-1.4148+1.6903i
31.5	0.7080-0.3504i	-1.6245+1.1342i	-17.0862-7.8256i	1.2895-0.5109i	0.3071+0.3042i	0.4540-2.5160i	0.5129+0.2913i	-1.2702+1.9395i
31.6	0.7233-0.3340i	-1.5750+1.2308i	-17.0561-7.9711i	1.2541-0.5378i	0.3463+0.2940i	0.4252-2.5433i	0.5612+0.3068i	-1.0863+2.0405i
31.7	0.7379-0.3157i	-1.5475+1.3353i	-17.0036-8.1919i	1.2167-0.5818i	0.4088+0.3106i	0.4385-2.5640i	0.6169+0.3426i	-0.8721+2.2094i
31.8	0.7477-0.3062i	-1.5089+1.4008i	-16.9229-8.3285i	1.1785-0.5843i	0.4617+0.2801i	0.4458-2.5751i	0.6620+0.3404i	-0.6856+2.2041i
31.9	0.7590-0.3105i	-1.4490+1.4956i	-17.0292-8.5037i	1.1224-0.6019i	0.5268+0.2530i	0.4126-2.6851i	0.7206+0.3421i	-0.4282+2.2468i
32.0	0.7769-0.3039i	-1.4155+1.5923i	-17.0499-8.7608i	1.1024-0.6452i	0.5559+0.2587i	0.3833-2.7572i	0.7644+0.3661i	-0.2813+2.4012i
32.1	0.7947-0.2962i	-1.3260+1.6839i	-17.0900-8.9941i	1.0065-0.6338i	0.6779+0.2154i	0.3723-2.8515i	0.8735+0.3530i	0.1882+2.3663i
32.2	0.8106-0.2844i	-1.2587+1.7389i	-17.1429-9.1434i	0.9472-0.5913i	0.7663+0.1335i	0.4015-2.8650i	0.9512+0.3108i	0.5237+2.1834i
32.3	0.8338-0.2883i	-1.1479+1.8688i	-17.4138-9.5087i	0.8922-0.6218i	0.7928+0.0939i	0.3359-3.0382i	1.0253+0.3181i	0.8094+2.2477i
32.4	0.8561-0.2791i	-1.0391+1.9662i	-17.4778-9.7514i	0.8617-0.5887i	0.8186-0.0068i	0.1677-3.1789i	1.0985+0.2818i	1.0664+2.0893i
32.5	0.8773-0.2725i	-0.9527+1.9772i	-17.5911-9.7876i	0.8671-0.4826i	0.8259-0.1577i	0.0532-3.2029i	1.1407+0.1720i	1.1831+1.6105i
32.6	0.8980-0.2579i	-0.8221+1.9933i	-17.7596-9.6874i	0.8716-0.4112i	0.7892-0.2693i	-0.1871-3.2262i	1.1680+0.0897i	1.2520+1.2621i
32.7	0.9232-0.2631i	-0.6862+2.0068i	-18.0899-9.6901i	0.8752-0.3641i	0.7505-0.3555i	-0.3467-3.2392i	1.1977+0.0135i	1.3192+0.9728i
32.8	0.9536-0.2744i	-0.5322+2.0187i	-18.5013-9.7684i	0.8928-0.3407i	0.6863-0.4276i	-0.4835-3.2274i	1.2118-0.0516i	1.3185+0.7394i
32.9	0.9962-0.2661i	-0.3852+1.9992i	-18.7478-9.7628i	0.9378-0.3058i	0.5974-0.4827i	-0.6228-3.0765i	1.2095-0.1097i	1.2156+0.5178i
33.0	1.0470-0.2487i	-0.3060+1.9692i	-18.6532-9.6760i	0.9816-0.2785i	0.5309-0.5164i	-0.6813-2.9088i	1.2125-0.1581i	1.1217+0.3613i
33.1	1.1154-0.2644i	-0.1845+1.9057i	-18.6417-9.6047i	1.0233-0.2536i	0.4607-0.5394i	-0.7257-2.7975i	1.2198-0.2200i	1.0350+0.1660i
33.2	1.1818-0.2767i	-0.0839+1.8560i	-18.7794-9.5417i	1.0510-0.2285i	0.4048-0.5440i	-0.6592-2.7546i	1.2364-0.2675i	0.9894+0.0216i
33.3	1.2472-0.3217i	-0.0153+1.8120i	-18.8717-9.6366i	1.0964-0.2300i	0.3615-0.5434i	-0.5821-2.7588i	1.2384-0.3228i	0.9161-0.0733i
33.4	1.3226-0.3679i	0.0595+1.7436i	-18.8733-9.6163i	1.1593-0.2154i	0.3241-0.5352i	-0.4822-2.8148i	1.2414-0.3801i	0.8241-0.1910i
33.5	1.3820-0.4442i	0.1370+1.6642i	-18.9466-9.6424i	1.2350-0.2037i	0.2875-0.5426i	-0.5159-2.9662i	1.2191-0.4593i	0.6739-0.3570i
33.6	1.3920-0.5190i	0.1807+1.5529i	-19.1234-9.4246i	1.2932-0.2295i	0.2337-0.5259i	-0.6323-2.9898i	1.1663-0.4940i	0.4835-0.4097i
33.7	1.3896-0.5941i	0.1903+1.4300i	-19.1864-9.2247i	1.3275-0.2622i	0.2001-0.5030i	-0.7134-3.0261i	1.1196-0.5214i	0.3418-0.4429i
33.8	1.3810-0.6527i	0.1253+1.3499i	-19.0009-9.1939i	1.3975-0.2988i	0.1980-0.4953i	-0.7959-3.0485i	1.0554-0.5225i	0.1120-0.4172i
33.9	1.3914-0.7224i	0.0552+1.3298i	-18.7621-9.4910i	1.4763-0.3636i	0.1913-0.5058i	-0.7821-3.1716i	1.0069-0.5120i	-0.0979-0.3176i
34.0	1.3978-0.7851i	-0.0007+1.3411i	-18.5988-9.7581i	1.5282-0.4440i	0.1821-0.5281i	-0.8292-3.3151i	0.9945-0.4845i	-0.1949-0.1804i
34.1	1.3841-0.8303i	-0.0145+1.3820i	-18.6944-9.9048i	1.5616-0.5053i	0.1578-0.5549i	-1.0182-3.4452i	1.0049-0.4633i	-0.2470-0.0792i
34.2	1.3649-0.8917i	0.0244+1.4355i	-18.9100-10.2340i	1.5677-0.5576i	0.1019-0.5899i	-1.3103-3.6660i	1.0363-0.4687i	-0.2386-0.0426i
34.3	1.3893-0.9389i	0.1028+1.4675i	-19.1806-10.2568i	1.5923-0.6131i	0.0421-0.6093i	-1.5487-3.7694i	1.1137-0.4932i	-0.1686-0.0152i
34.4	1.3682-0.9547i	0.1676+1.4763i	-19.5554-10.3269i	1.5744-0.6498i	-0.0110-0.6111i	-1.8051-3.7288i	1.1549-0.5022i	-0.1114+0.0196i
34.5	1.3475-0.9957i	0.2452+1.4422i	-19.8636-10.2172i	1.5893-0.6980i	-0.0759-0.5906i	-2.1709-3.5927i	1.1691-0.5573i	-0.1438+0.0040i
34.6	1.3629-1.0357i	0.3016+1.3972i	-19.9510-10.0128i	1.6365-0.7296i	-0.1217-0.5661i	-2.4160-3.4932i	1.1891-0.6150i	-0.1907-0.0385i
34.7	1.3863-1.0507i	0.3481+1.3327i	-20.0882-9.7577i	1.6782-0.7570i	-0.1640-0.5349i	-2.6169-3.3598i	1.2102-0.6504i	-0.2268-0.0424i
34.8	1.3568-1.0915i	0.3858+1.2712i	-20.2711-9.6875i	1.6899-0.7949i	-0.2065-0.4966i	-2.9162-3.1602i	1.1918-0.7150i	-0.2901-0.0742i
34.9	1.3646-1.1385i	0.3941+1.2146i	-20.2643-9.3826i	1.7340-0.8471i	-0.2342-0.4626i	-3.0892-3.0035i	1.1891-0.7751i	-0.3538-0.0859i
35.0	1.3874-1.1801i	0.3961+1.1617i	-20.1320-9.1931i	1.7870-0.8913i	-0.2545-0.4361i	-3.2966-2.8480i	1.1975-0.8261i	-0.4030-0.1080i
35.1	1.3885-1.2223i	0.3846+1.1033i	-20.0175-9.1560i	1.8274-0.9562i	-0.2672-0.3965i	-3.4616-2.5168i	1.1843-0.8830i	-0.4684-0.1117i
35.2	1.4058-1.2652i	0.3489+1.0488i	-19.7161-9.0559i	1.8827-1.0409i	-0.2742-0.3563i	-3.5338-2.2147i	1.1578-0.9281i	-0.5776-0.0651i
35.3	1.4233-1.3054i	0.3193+1.0183i	-19.6512-8.9678i	1.9385-1.1247i	-0.2833-0.3329i	-3.6053-1.9280i	1.1326-0.9508i	-0.6936+0.0056i
35.4	1.4326-1.3544i	0.2732+1.0082i	-19.5842-9.0380i	1.9831-1.2274i	-0.2864-0.3017i	-3.6704-1.6174i	1.1000-0.9756i	-0.8014+0.1036i
35.5	1.4359-1.4197i	0.2447+1.0103i	-19.3435-9.3150i	2.0164-1.3667i	-0.2726-0.2754i	-3.7403-1.2812i	1.0618-1.0020i	-0.8875+0.2283i
35.6	1.4512-1.4711i	0.2220+1.0304i	-19.2812-9.4361i	2.0565-1.4891i	-0.2655-0.2754i	-3.7812-1.0191i	1.0454-1.0105i	-0.9541+0.3477i
35.7	1.4599-1.5392i	0.1894+1.0729i	-19.2113-9.7509i	2.0484-1.6695i	-0.2669-0.2764i	-3.6639-0.6122i	1.0347-0.9946i	-0.9698+0.5692i
35.8	1.4827-1.5889i	0.1886+1.1315i	-19.2304-10.0680i	2.0039-1.8222i	-0.2799-0.2864i	-3.3738-0.2518i	1.0652-0.9646i	-0.8975+0.7948i
35.9	1.4877-1.6890i	0.2558+1.2051i	-19.4349-10.4490i	1.8930-2.0218i	-0.3160-0.2906i	-3.0314+0.0789i	1.1244-0.9828i	-0.7054+1.0134i
36.0	1.4990-1.7876i	0.3145+1.2447i	-19.6159-10.6456i	1.8113-2.1292i	-0.3451-0.2904i	-2.7303+0.0610i	1.1798-1.0394i	-0.5411+1.0514i
36.1	1.4964-1.8959i	0.4251+1.2381i	-20.0946-10.6684i	1.6646-2.2156i	-0.4056-0.2686i	-2.3923+0.0135i	1.2565-1.1219i	-0.2939+1.0446i
36.2	1.4796-1.9643i	0.4856+1.2107i	-20.3967-10.6126i	1.5788-2.2481i	-0.4416-0.2423i	-2.2702-0.0355i	1.2749-1.1925i	-0.1817+0.9937i
36.3	1.4438-2.0905i	0.5647+1.1740i	-20.5814-10.6785i	1.4674-2.3161i	-0.4846-0.1978i	-2.0453-0.1197i	1.2791-1.3102i	-0.0532+0.9254i
36.4	1.4330-2.1789i	0.6129+1.1356i	-20.6950-10.5750i	1.4256-2.3536i	-0.5104-0.1561i	-1.9790-0.1951i	1.2826-1.3971i	-0.0053+0.8615i
36.5	1.3893-2.2694i	0.6347+1.0554i	-20.8628-10.4195i	1.3758-2.3626i	-0.5194-0.0912i	-1.9979-0.3255i	1.2461-1.4889i	-0.0093+0.7560i
36.6	1.3480-2.3559i	0.6650+0.9863i	-20.8497-10.3328i	1.3315-2.3965i	-0.5349-0.0314i	-2.0377-0.3502i	1.2220-1.5799i	0.0080+0.6876i
36.7	1.2908-2.4468i	0.6740+0.9334i	-20.7978-10.2937i	1.2844-2.4520i	-0.5308+0.0284i	-2.0521-0.3235i	1.1763-1.6702i	-0.0026+0.6470i
36.8	1.2891-2.5509i	0.6842+0.8786i	-20.7061-10.2806i	1.2993-2.5241i	-0.5344+0.0832i	-2.0626-0.2688i	1.1767-1.7610i	-0.0160+0.6207i
36.9	1.2802-2.6536i	0.6802+0.8149i	-20.6429-10.2770i	1.3050-2.6027i	-0.5280+0.1278i	-2.1308-0.2772i	1.1619-1.8383i	-0.0441+0.6068i
37.0	1.2134-2.7494i	0.6451+0.7726i	-20.6168-10.5016i	1.2511-2.6781i	-0.5044+0.1747i	-2.1336-0.2171i	1.1003-1.9090i	-0.0651+0.6031i
37.1	1.1734-2.8470i	0.6449+0.7522i	-20.7742-10.6581i	1.2126-2.7572i	-0.4986+0.2304i	-2.0185-0.1553i	1.0519-1.9898i	-0.0866+0.6023i

37.2	1.1440-3.0406i	0.6505+0.7152i	-20.8514-10.8833i	1.1845-2.9435i	-0.4837+0.2838i	-1.8866-0.0861i	1.0167-2.1248i	-0.0958+0.6328i
37.3	1.0755-3.2271i	0.6378+0.6639i	-20.9281-11.0689i	1.1388-3.1030i	-0.4488+0.3452i	-1.9235-0.0515i	0.9611-2.2516i	-0.1169+0.6533i
37.4	0.9425-3.4324i	0.6239+0.6245i	-21.1916-11.3133i	1.0174-3.2877i	-0.4112+0.4071i	-1.8391+0.0371i	0.8587-2.3791i	-0.1108+0.6891i
37.5	0.8522-3.5992i	0.6051+0.5741i	-21.3735-11.4085i	0.9348-3.4199i	-0.3746+0.4769i	-1.7446+0.0369i	0.7931-2.4668i	-0.1025+0.7172i
37.6	0.6685-3.7792i	0.5512+0.5308i	-21.6467-11.4240i	0.7782-3.5730i	-0.2980+0.5283i	-1.7214+0.0298i	0.6876-2.5692i	-0.0766+0.7533i
37.7	0.4621-3.9608i	0.4868+0.5135i	-21.8920-11.6098i	0.5952-3.7345i	-0.2146+0.5618i	-1.6512+0.0799i	0.5561-2.6620i	-0.0634+0.8122i
37.8	0.1714-4.1389i	0.4367+0.5240i	-22.1865-11.9093i	0.3347-3.9012i	-0.1225+0.5798i	-1.5420+0.0425i	0.3842-2.7602i	-0.0126+0.8682i
37.9	-0.1899-4.2319i	0.3881+0.5483i	-22.6312-12.0014i	0.0334-3.9806i	-0.0163+0.5631i	-1.5681-0.1211i	0.1994-2.8106i	0.0654+0.9066i
38.0	-0.5642-4.2744i	0.3656+0.5976i	-23.1081-11.8825i	-0.2680-4.0234i	0.0625+0.5209i	-1.6433-0.2481i	0.0218-2.8395i	0.1614+0.9336i
38.1	-0.9184-4.2039i	0.3687+0.6237i	-23.5988-11.8168i	-0.5582-3.9799i	0.1236+0.4665i	-1.7789-0.3501i	-0.1554-2.8399i	0.2428+0.9104i
38.2	-1.2728-4.0496i	0.3551+0.6247i	-24.0399-11.5927i	-0.8705-3.8728i	0.1699+0.4113i	-1.9381-0.3021i	-0.3358-2.7965i	0.3387+0.8649i
38.3	-1.4703-3.8898i	0.3540+0.6532i	-24.3143-11.2969i	-1.0457-3.7897i	0.1907+0.3469i	-2.0294-0.1719i	-0.4358-2.7666i	0.3927+0.8372i
38.4	-1.6786-3.7418i	0.3537+0.6864i	-24.4069-11.0869i	-1.2225-3.6855i	0.2151+0.3039i	-2.2000-0.0716i	-0.5366-2.7537i	0.4414+0.7766i
38.5	-1.8780-3.5888i	0.3594+0.7314i	-24.6057-10.9003i	-1.4149-3.5990i	0.2172+0.2448i	-2.2852+0.2096i	-0.6565-2.7444i	0.5101+0.7305i
38.6	-2.0652-3.4092i	0.4013+0.7569i	-24.7898-10.6623i	-1.6153-3.4724i	0.1987+0.2078i	-2.3494+0.3704i	-0.7944-2.7112i	0.5730+0.6678i
38.7	-2.2657-3.2589i	0.4485+0.7683i	-24.8977-10.4806i	-1.8042-3.3619i	0.1842+0.1856i	-2.4204+0.5506i	-0.9199-2.6960i	0.6285+0.6023i
38.8	-2.4072-3.0395i	0.4927+0.7592i	-25.0623-10.2307i	-1.9693-3.1948i	0.1649+0.1574i	-2.3799+0.7618i	-1.0590-2.6446i	0.6561+0.5165i
38.9	-2.4723-2.8418i	0.5231+0.7622i	-25.3352-10.1884i	-2.0802-3.0623i	0.1548+0.1291i	-2.1740+1.0559i	-1.1869-2.5958i	0.6472+0.4526i
39.0	-2.5347-2.5761i	0.5670+0.7445i	-25.5238-9.9668i	-2.1944-2.8845i	0.1428+0.1041i	-1.9415+1.4152i	-1.3383-2.5212i	0.6174+0.3749i
39.1	-2.5563-2.3997i	0.5739+0.7226i	-25.5602-9.8829i	-2.2511-2.7745i	0.1411+0.0936i	-1.8098+1.7034i	-1.4308-2.4896i	0.5858+0.3167i
39.2	-2.5913-2.2481i	0.5973+0.7082i	-25.6950-9.8343i	-2.3554-2.6678i	0.1335+0.0921i	-1.5059+1.9441i	-1.5573-2.4541i	0.5687+0.2576i
39.3	-2.5956-2.0782i	0.6250+0.6900i	-25.9434-9.6808i	-2.4505-2.4921i	0.1052+0.0943i	-1.1417+1.9980i	-1.6838-2.3549i	0.5608+0.2024i
39.4	-2.6041-1.9572i	0.6482+0.6624i	-26.2062-9.5435i	-2.5317-2.3837i	0.0978+0.0902i	-0.7599+2.0367i	-1.8182-2.2964i	0.5228+0.1695i
39.5	-2.5897-1.8018i	0.6779+0.6219i	-26.5642-9.1016i	-2.6188-2.1909i	0.0869+0.0921i	-0.3447+1.8954i	-1.9627-2.1425i	0.4901+0.1403i
39.6	-2.6059-1.7128i	0.6804+0.6106i	-26.6068-8.7400i	-2.6728-2.0653i	0.0899+0.0955i	-0.1788+1.7793i	-2.0532-2.0251i	0.4723+0.1294i
39.7	-2.6628-1.5484i	0.7166+0.5957i	-26.6529-8.4505i	-2.7656-1.8621i	0.0640+0.0865i	-0.0917+1.6106i	-2.1526-1.8404i	0.4717+0.1075i
39.8	-2.6171-1.3822i	0.7528+0.5577i	-26.8441-8.1143i	-2.7798-1.6577i	0.0345+0.0969i	0.1848+1.4845i	-2.1858-1.6749i	0.4629+0.0715i
39.9	-2.5514-1.2854i	0.7349+0.5207i	-26.8775-7.7057i	-2.7633-1.5491i	0.0580+0.1032i	0.5402+1.4355i	-2.2518-1.5716i	0.3934+0.0614i
40.0	-2.5172-1.1627i	0.7427+0.4740i	-26.8527-7.3868i	-2.7552-1.3971i	0.0727+0.1260i	0.6484+1.3409i	-2.2892-1.4558i	0.3535+0.0258i
40.1	-2.4802-1.0621i	0.7475+0.4435i	-26.8192-7.0216i	-2.7353-1.2305i	0.0615+0.1321i	0.6613+1.0336i	-2.2828-1.2963i	0.3485+0.0224i
40.2	-2.4508-0.9821i	0.7453+0.4069i	-26.8072-6.7267i	-2.7197-1.1072i	0.0651+0.1430i	0.7282+0.8693i	-2.2966-1.1856i	0.3224+0.0044i
40.3	-2.4205-0.9196i	0.7339+0.3823i	-26.6375-6.4065i	-2.7108-1.0007i	0.0694+0.1365i	0.8568+0.6702i	-2.3256-1.0698i	0.2909+0.0098i
40.4	-2.3849-0.8384i	0.7485+0.3512i	-26.3699-6.2119i	-2.6538-0.8621i	0.0481+0.1668i	0.6712+0.5111i	-2.2612-0.9454i	0.3032+0.0043i
40.5	-2.3599-0.7721i	0.7584+0.3316i	-26.3518-5.9894i	-2.6439-0.7623i	0.0710+0.1819i	0.8343+0.3485i	-2.2763-0.8343i	0.2910+0.0279i
40.6	-2.3615-0.7237i	0.7871+0.2980i	-26.4143-5.7124i	-2.6731-0.6683i	0.0945+0.1506i	0.9545+0.0683i	-2.3139-0.7178i	0.3064+0.0389i
40.7	-2.3338-0.6504i	0.7865+0.2494i	-26.1726-5.5284i	-2.6195-0.5691i	0.0924+0.1573i	0.8095+0.0005i	-2.2510-0.6345i	0.3213+0.0028i
40.8	-2.3179-0.5484i	0.7864+0.1798i	-25.9404-5.3986i	-2.5975-0.4378i	0.0851+0.1564i	0.7707-0.1047i	-2.2313-0.5210i	0.3157-0.0321i
40.9	-2.2939-0.4490i	0.7777+0.1471i	-25.8579-5.0244i	-2.5774-0.2785i	0.0660+0.1539i	0.7257-0.3919i	-2.2007-0.3632i	0.3172-0.0389i
41.0	-2.2383-0.3796i	0.7560+0.0805i	-25.6820-5.0112i	-2.4952-0.2229i	0.0968+0.1732i	0.6791-0.1895i	-2.1495-0.3440i	0.2952-0.0849i
41.1	-2.1337-0.2806i	0.6736+0.0095i	-25.3903-4.9863i	-2.3844-0.1012i	0.1370+0.1695i	0.7883-0.1749i	-2.0897-0.2487i	0.2479-0.1330i
41.2	-2.0661-0.2338i	0.6289-0.0204i	-25.3513-4.9303i	-2.3237-0.0453i	0.1319+0.1712i	0.8562-0.1653i	-2.0488-0.2351i	0.2087-0.1837i
41.3	-1.9748-0.2124i	0.5877+0.0043i	-25.2529-4.6873i	-2.2246+0.0205i	0.0960+0.1385i	0.8718-0.4598i	-1.9872-0.1272i	0.1292-0.1388i
41.4	-1.9646-0.1740i	0.5629-0.0668i	-24.9220-4.7516i	-2.2048+0.0594i	0.0953+0.2149i	0.8177-0.4161i	-1.9791-0.1144i	0.1092-0.1309i
41.5	-1.8356-0.1033i	0.4734-0.0661i	-24.7228-4.6981i	-2.0518+0.1344i	0.1442+0.2633i	0.7899-0.4146i	-1.8616-0.0254i	0.0859-0.0910i
41.6	-1.8063-0.1577i	0.4576-0.0788i	-24.7220-4.7531i	-2.0556+0.0771i	0.1854+0.2568i	0.9633-0.4485i	-1.8507-0.0746i	0.1443-0.0831i
41.7	-1.8423-0.1470i	0.4146-0.1700i	-24.7025-4.6818i	-2.1218+0.1452i	0.2223+0.2516i	1.0936-0.6231i	-1.9113-0.0591i	0.1768-0.1715i
41.8	-1.7774-0.0970i	0.3296-0.1201i	-24.5229-4.5885i	-1.9877+0.2555i	0.2304+0.2189i	0.7978-0.9327i	-1.7980+0.0550i	0.1220-0.1931i
41.9	-1.6977-0.0873i	0.2428-0.0715i	-24.4070-4.6941i	-1.8847+0.2638i	0.2832+0.1985i	0.8086-0.8609i	-1.7547+0.0467i	0.0481-0.2232i
42.0	-1.6650-0.1216i	0.2212+0.0152i	-24.3224-4.6525i	-1.8478+0.2415i	0.2503+0.1426i	0.8228-0.9891i	-1.7109+0.0610i	0.0137-0.1917i
42.1	-1.7139-0.1158i	0.2382+0.0211i	-24.2272-4.5588i	-1.8848+0.2928i	0.1750+0.1843i	0.6406-1.2095i	-1.6708+0.0917i	0.0500-0.1889i
42.2	-1.7252-0.0742i	0.2491+0.0681i	-24.0867-4.5648i	-1.8272+0.3520i	0.1935+0.1972i	0.3631-1.2423i	-1.6228+0.1316i	0.0452-0.1783i
42.3	-1.7125-0.0188i	0.3121+0.0350i	-24.1039-4.8337i	-1.8067+0.3692i	0.1895+0.2470i	0.3951-0.9685i	-1.5875+0.0577i	0.0544-0.2346i
42.4	-1.6969+0.0346i	0.2455-0.0235i	-24.1698-4.8808i	-1.8107+0.4225i	0.2556+0.2978i	0.5771-0.8905i	-1.6745+0.0223i	-0.0217-0.2948i
42.5	-1.6026+0.0941i	0.1897+0.0507i	-24.1016-4.6059i	-1.6940+0.4885i	0.2946+0.2627i	0.4722-0.9599i	-1.6369+0.1190i	-0.0840-0.2452i
42.6	-1.5417+0.0657i	0.2173+0.1335i	-24.0431-4.4883i	-1.6461+0.5181i	0.3204+0.2067i	0.6110-1.4559i	-1.6403+0.2326i	-0.1071-0.1691i
42.7	-1.5030+0.0347i	0.2325+0.1221i	-23.9422-4.5918i	-1.6048+0.5035i	0.3680+0.2096i	0.6161-1.5053i	-1.6364+0.2135i	-0.1133-0.1678i
42.8	-1.5234+0.0377i	0.2157+0.1317i	-23.8858-4.5438i	-1.6273+0.5547i	0.4154+0.1633i	0.6559-1.6980i	-1.6817+0.2786i	-0.0994-0.1816i
42.9	-1.4990+0.0587i	0.2160+0.1448i	-23.8532-4.6455i	-1.5696+0.6047i	0.4346+0.1946i	0.6016-1.6351i	-1.6702+0.2514i	-0.1520-0.2611i
43.0	-1.4676+0.0755i	0.2554+0.1409i	-23.9248-4.5321i	-1.4980+0.6263i	0.4889+0.1629i	0.6598-1.7178i	-1.7073+0.2976i	-0.2591-0.2388i
43.1	-1.4376+0.0835i	0.2980+0.1037i	-23.7891-4.4546i	-1.4235+0.6150i	0.5049+0.1055i	0.5323-1.8502i	-1.6883+0.3799i	-0.3001-0.1352i
43.2	-1.4057+0.1014i	0.2940+0.1030i	-23.6965-4.4758i	-1.3837+0.6433i	0.4733+0.0225i	0.3486-2.0992i	-1.5982+0.4722i	-0.2488-0.1072i
43.3	-1.3912+0.0648i	0.3394+0.0894i	-23.4764-4.3824i	-1.3305+0.6332i	0.3575+0.0184i	-0.1399-2.1133i	-1.4545+0.4371i	-0.2162-0.1413i
43.4	-1.4448+0.0867i	0.3413+0.0173i	-23.5048-4.3979i	-1.3623+0.6719i	0.3286+0.0588i	-0.3373-2.1022i	-1.4686+0.4709i	-0.2321-0.1064i

43.5	−1.4840+0.1459i	0.2969−0.0250i	−23.5127−4.4732i	−1.3650+0.7556i	0.3870+0.0322i	−0.3572−2.1947i	−1.5299+0.5762i	−0.2722−0.0766i
43.6	−1.4473+0.1672i	0.2295−0.0212i	−23.6115−4.6408i	−1.2912+0.7514i	0.5497+0.0269i	−0.1136−2.0470i	−1.6569+0.5488i	−0.4152−0.1040i
43.7	−1.4014+0.1744i	0.2447−0.0329i	−23.6121−4.5173i	−1.2337+0.7678i	0.5617−0.0269i	−0.0195−2.2820i	−1.6387+0.6259i	−0.4339−0.0609i
43.8	−1.4028+0.2172i	0.2373−0.0995i	−23.4214−4.3807i	−1.1739+0.8113i	0.5374−0.0751i	−0.4236−2.4705i	−1.5674+0.7388i	−0.4340−0.0043i
43.9	−1.3492+0.2848i	0.1471−0.1032i	−23.1823−4.4197i	−1.0997+0.8474i	0.4380−0.1477i	−0.7932−2.3463i	−1.3992+0.8545i	−0.3853+0.0826i
44.0	−1.3056+0.2730i	0.0756−0.0493i	−23.1002−4.6327i	−1.0706+0.8386i	0.4824−0.1852i	−0.5611−2.2860i	−1.4405+0.8805i	−0.4240+0.1252i
44.1	−1.3395+0.2301i	0.1374−0.0125i	−23.3546−4.7276i	−1.0600+0.8235i	0.4917−0.2757i	−0.6927−2.7466i	−1.4637+1.0044i	−0.4561+0.2352i
44.2	−1.3469+0.3101i	0.1591−0.1412i	−23.2484−4.5770i	−0.9603+0.8670i	0.4176−0.1796i	−1.5130−2.3467i	−1.2452+0.9580i	−0.3240+0.2069i
44.3	−1.2118+0.3584i	−0.0416−0.1673i	−23.1944−4.7462i	−0.8200+0.7964i	0.4530−0.1702i	−1.4279−1.5351i	−1.1454+0.8667i	−0.3122+0.1564i
44.4	−1.1242+0.3187i	−0.0604−0.0341i	−23.1767−4.7495i	−0.8163+0.6969i	0.3848−0.2751i	−0.8918−1.4898i	−1.1114+0.8723i	−0.3135+0.2015i
44.5	−1.1221+0.2547i	−0.0336+0.0264i	−23.2914−4.5922i	−0.8617+0.6993i	0.3502−0.2860i	−0.7035−2.0021i	−1.1438+0.9340i	−0.3361+0.2974i
44.6	−1.1235+0.2410i	−0.0061+0.0151i	−23.2992−4.7212i	−0.8025+0.6468i	0.3863−0.2493i	−0.9413−1.7877i	−1.0682+0.8820i	−0.2505+0.2880i
44.7	−1.1236+0.2016i	0.0467+0.0248i	−23.4152−4.7525i	−0.8667+0.5980i	0.3557−0.3144i	−0.7803−1.8998i	−1.0452+0.8805i	−0.1924+0.2632i
44.8	−1.1794+0.1881i	0.0392−0.1580i	−23.3786−4.6500i	−0.9324+0.6399i	0.4151−0.2494i	−0.6658−2.0966i	−1.1934+0.8071i	−0.2692+0.1566i
44.9	−1.1911+0.2348i	−0.1292−0.2460i	−23.0459−4.6147i	−0.8758+0.7205i	0.4081−0.2380i	−1.1323−2.1401i	−1.1600+0.8642i	−0.2883+0.1619i
45.0	−1.1862+0.2833i	−0.2632−0.1362i	−23.0870−4.8616i	−0.8263+0.7200i	0.4333−0.2337i	−1.2242−1.6950i	−1.1297+0.8319i	−0.2767+0.1417i
45.1	−1.1438+0.3184i	−0.2643−0.0351i	−23.2072−4.7961i	−0.7625+0.7188i	0.4273−0.2876i	−1.1464−1.5814i	−1.0736+0.8738i	−0.2854+0.1570i
45.2	−1.0884+0.3004i	−0.1882−0.0142i	−23.1103−4.7292i	−0.7040+0.6781i	0.3462−0.2826i	−1.2709−1.5868i	−0.9634+0.8318i	−0.2585+0.1548i
45.3	−1.0462+0.3007i	−0.2291+0.0061i	−22.9123−4.5925i	−0.6623+0.6491i	0.2697−0.3867i	−1.4911−1.7225i	−0.8643+0.9259i	−0.2502+0.2428i
45.4	−1.0234+0.2612i	−0.3374−0.0002i	−22.8590−4.7297i	−0.6922+0.5828i	0.2901−0.4339i	−1.3266−1.5911i	−0.8942+0.9301i	−0.2697+0.2730i
45.5	−1.0592+0.2106i	−0.3700−0.0426i	−22.9575−4.7926i	−0.7958+0.5858i	0.2812−0.4022i	−1.0226−1.7199i	−0.9693+0.9023i	−0.2581+0.2499i
45.6	−1.1062+0.2299i	−0.4621−0.0486i	−22.8602−4.6430i	−0.7946+0.6653i	0.2785−0.3645i	−1.2886−1.9490i	−0.9805+0.9279i	−0.2673+0.2277i
45.7	−1.0914+0.2541i	−0.5523+0.0495i	−22.7584−4.7131i	−0.7271+0.6608i	0.2636−0.3271i	−1.5624−1.6690i	−0.9145+0.8860i	−0.2550+0.2178i
45.8	−1.0828+0.2740i	−0.6289+0.1879i	−22.7940−4.8323i	−0.6929+0.6946i	0.2550−0.3997i	−1.6383−1.7337i	−0.8706+0.9841i	−0.2655+0.2613i
45.9	−1.0672+0.2909i	−0.6722+0.3261i	−22.8049−4.8890i	−0.6443+0.6942i	0.2451−0.4316i	−1.7221−1.6526i	−0.8247+1.0267i	−0.2632+0.2992i
46.0	−1.0657+0.2962i	−0.6312+0.4049i	−22.7309−4.9710i	−0.6405+0.6787i	0.2569−0.4644i	−1.6289−1.5974i	−0.8251+1.0458i	−0.2541+0.3025i
46.1	−1.0498+0.3068i	−0.5697+0.4439i	−22.9177−5.0125i	−0.6393+0.6664i	0.2060−0.4610i	−1.5816−1.5727i	−0.7834+1.0178i	−0.2355+0.2651i
46.2	−1.0294+0.2944i	−0.5953+0.4905i	−22.8455−4.9295i	−0.6419+0.6394i	0.1647−0.4251i	−1.6162−1.4845i	−0.7629+0.9516i	−0.2418+0.2502i
46.3	−1.0339+0.2842i	−0.5828+0.5871i	−22.6451−5.1205i	−0.6528+0.6480i	0.1234−0.4078i	−1.6534−1.4401i	−0.7629+0.9526i	−0.2479+0.2768i
46.4	−1.0426+0.3068i	−0.5319+0.7319i	−22.7339−5.1462i	−0.6508+0.6887i	0.1311−0.4550i	−1.5439−1.5318i	−0.7801+1.0770i	−0.2614+0.3495i
46.5	−1.0583+0.3279i	−0.4786+0.7654i	−22.6133−4.8965i	−0.6270+0.7114i	0.1283−0.4782i	−1.6330−1.5959i	−0.7433+1.1452i	−0.2435+0.3766i
46.6	−1.0543+0.3518i	−0.4391+0.7904i	−22.6112−4.9895i	−0.5977+0.6998i	0.0953−0.4722i	−1.7779−1.4408i	−0.6601+1.1222i	−0.2005+0.3742i
46.7	−1.0344+0.3777i	−0.3839+0.8172i	−22.5668−5.1160i	−0.6046+0.7072i	0.1214−0.4923i	−1.4986−1.4181i	−0.6623+1.1564i	−0.1950+0.3848i
46.8	−1.0077+0.3798i	−0.3621+0.8074i	−22.4318−5.1139i	−0.5896+0.7163i	0.0963−0.5094i	−1.4648−1.6520i	−0.6100+1.1660i	−0.1712+0.3733i
46.9	−0.9863+0.3718i	−0.3515+0.8510i	−22.3201−5.2026i	−0.5694+0.7130i	0.0469−0.5115i	−1.6006−1.6608i	−0.5453+1.1510i	−0.1474+0.3661i
47.0	−0.9630+0.3704i	−0.3267+0.9443i	−22.4190−5.2931i	−0.5680+0.7284i	0.0436−0.5175i	−1.5012−1.7454i	−0.5444+1.1751i	−0.1562+0.3590i
47.1	−0.9662+0.3376i	−0.2719+0.9696i	−22.4510−5.4889i	−0.5478+0.7304i	−0.0038−0.4902i	−1.7127−1.8621i	−0.4987+1.1540i	−0.1460+0.3433i
47.2	−0.9902+0.3318i	−0.1982+1.0069i	−22.2177−5.7790i	−0.5121+0.7126i	−0.0658−0.4719i	−2.1410−1.6938i	−0.4143+1.1167i	−0.1179+0.3432i
47.3	−1.0079+0.3412i	−0.1144+1.0080i	−22.2918−5.8965i	−0.4977+0.6953i	−0.0864−0.4587i	−2.2550−1.4967i	−0.3653+1.0924i	−0.0983+0.3407i
47.4	−1.0174+0.3741i	−0.0663+0.9779i	−22.5893−5.6760i	−0.4997+0.6951i	−0.0611−0.4380i	−2.1187−1.3371i	−0.3799+1.0858i	−0.1134+0.3263i
47.5	−0.9902+0.3853i	−0.0516+0.9333i	−22.5326−5.7546i	−0.5045+0.6896i	−0.0806−0.4293i	−1.8954−1.4233i	−0.3509+1.0541i	−0.1010+0.3133i
47.6	−1.0076+0.3597i	−0.1086+0.9664i	−22.2347−5.8721i	−0.5061+0.6732i	−0.1031−0.3956i	−2.2075−1.4705i	−0.3441+0.9927i	−0.1100+0.2899i
47.7	−1.0364+0.3799i	−0.0629+1.0121i	−22.0394−6.1619i	−0.5334+0.6950i	−0.0921−0.3655i	−2.1151−1.3201i	−0.3824+0.9764i	−0.1082+0.2790i
47.8	−1.0449+0.3949i	−0.0475+1.0382i	−22.3325−6.1979i	−0.5191+0.7190i	−0.0853−0.3529i	−2.2515−1.3033i	−0.3938+0.9862i	−0.1306+0.2676i
47.9	−1.0581+0.4491i	0.0148+1.0719i	−22.4056−6.2641i	−0.5009+0.7324i	−0.0728−0.3516i	−2.3680−1.0534i	−0.3935+1.0089i	−0.1483+0.2742i
48.0	−1.0440+0.4783i	0.0968+1.0882i	−22.4817−6.6184i	−0.4986+0.7100i	−0.0942−0.3284i	−2.2627−0.6933i	−0.3767+0.9678i	−0.1432+0.2859i
48.1	−1.0106+0.5123i	0.1648+1.0629i	−22.5795−6.9540i	−0.4957+0.7219i	−0.1094−0.3557i	−2.0408−0.6693i	−0.3469+0.9932i	−0.1299+0.3006i
48.2	−0.9931+0.5521i	0.2234+1.0798i	−22.7179−7.0791i	−0.4978+0.7626i	−0.0936−0.3881i	−1.8277−0.7916i	−0.3485+1.0449i	−0.1174+0.2901i
48.3	−0.9445+0.5827i	0.2710+1.0846i	−23.0780−7.0100i	−0.4803+0.7932i	−0.0976−0.3912i	−1.6404−0.8990i	−0.3441+1.0792i	−0.1238+0.2873i
48.4	−0.8880+0.5337i	0.3291+1.0358i	−23.2145−6.8933i	−0.4423+0.7946i	−0.1216−0.3604i	−1.7430−1.2329i	−0.2956+1.0541i	−0.1217+0.2633i
48.5	−0.9024+0.5320i	0.3433+1.0370i	−23.0270−6.9124i	−0.4192+0.8019i	−0.1300−0.3490i	−1.9451−1.2224i	−0.2769+1.0508i	−0.1390+0.2530i
48.6	−0.8672+0.5225i	0.3656+0.9887i	−23.3498−6.8949i	−0.3900+0.7892i	−0.1399−0.3350i	−1.9341−1.3214i	−0.2500+1.0271i	−0.1503+0.2417i
48.7	−0.8669+0.5134i	0.3736+1.0033i	−23.4411−7.0976i	−0.3657+0.7925i	−0.1076−0.3287i	−2.1916−1.3998i	−0.2761+1.0170i	−0.2039+0.2528i
48.8	−0.9116+0.5103i	0.4023+1.0477i	−22.9341−7.2220i	−0.3915+0.7855i	−0.1076−0.2933i	−2.3579−0.9452i	−0.3223+1.0389i	−0.2182+0.2953i
48.9	−0.9444+0.5219i	0.4528+1.0182i	−23.1438−7.2902i	−0.4066+0.7922i	−0.0911−0.2919i	−2.1402−0.8058i	−0.3045+1.0726i	−0.1843+0.3080i
49.0	−0.9335+0.5407i	0.4808+0.9486i	−23.2762−7.3252i	−0.3719+0.7971i	−0.1013−0.3266i	−2.1992−0.8628i	−0.2447+1.0447i	−0.1840+0.2694i
49.1	−0.9299+0.5625i	0.4991+0.9140i	−23.3417−7.2254i	−0.3641+0.8014i	−0.1191−0.3360i	−2.2046−0.8108i	−0.2333+1.0541i	−0.2061+0.2792i
49.2	−0.9042+0.6022i	0.5005+0.9229i	−23.3340−7.2059i	−0.3406+0.8139i	−0.1387−0.3439i	−2.1445−0.8093i	−0.1936+1.0554i	−0.2234+0.2851i
49.3	−0.8643+0.6045i	0.5362+0.9369i	−23.3143−7.1922i	−0.3230+0.8032i	−0.1743−0.3341i	−2.1373−0.8544i	−0.1756+1.0466i	−0.2271+0.3148i
49.4	−0.8358+0.5889i	0.5744+0.9306i	−23.5651−7.0712i	−0.3067+0.7884i	−0.1828−0.3181i	−2.1712−0.8561i	−0.1564+1.0586i	−0.2189+0.3404i
49.5	−0.8564+0.5834i	0.6280+0.8932i	−23.4692−7.6635i	−0.3191+0.7849i	−0.1901−0.3232i	−2.0204−0.6758i	−0.1541+1.0504i	−0.2155+0.3360i
49.6	−0.8367+0.5957i	0.7027+0.8634i	−23.7673−7.5741i	−0.3233+0.8193i	−0.1906−0.3072i	−1.8126−1.0104i	−0.1433+1.0743i	−0.2024+0.3449i
49.7	−0.7969+0.5633i	0.7424+0.8035i	−23.7434−7.2249i	−0.2656+0.8287i	−0.2030−0.2800i	−2.1976−1.3907i	−0.0631+1.0633i	−0.1737+0.3331i

49.8	−0.7815+0.5350i	0.7267+0.7747i	−23.6887−7.1901i	−0.2231+0.8114i	−0.2042−0.2804i	−2.5381−1.3608i	−0.0276+1.0465i	−0.1812+0.3320i
49.9	−0.8527+0.5407i	0.7518+0.7282i	−23.9108−7.4894i	−0.2371+0.7753i	−0.2060−0.2632i	−2.6044−0.8876i	−0.0378+1.0337i	−0.2023+0.3561i
50.0	−0.8733+0.6139i	0.7402+0.6542i	−23.6850−7.8381i	−0.2524+0.8013i	−0.1825−0.3005i	−2.5152−0.7796i	−0.0496+1.0170i	−0.2205+0.2932i
50.1	−0.8795+0.6129i	0.7084+0.6307i	−23.5670−7.7942i	−0.2506+0.8053i	−0.2037−0.2972i	−2.6111−0.7848i	−0.0549+0.9872i	−0.2566+0.2780i
50.2	−0.8865+0.6170i	0.7101+0.6098i	−23.5072−7.8712i	−0.2675+0.8017i	−0.2345−0.2554i	−2.5769−0.6625i	−0.0611+0.9717i	−0.2689+0.3005i
50.3	−0.8747+0.6177i	0.6847+0.5606i	−23.5365−8.0675i	−0.2672+0.8024i	−0.2051−0.2243i	−2.6071−0.6989i	−0.0734+0.9938i	−0.2786+0.3631i
50.4	−0.8785+0.6239i	0.6768+0.5582i	−23.6422−8.1428i	−0.2393+0.8088i	−0.2097−0.2670i	−2.6932−0.7300i	−0.0517+1.0066i	−0.2957+0.3519i
50.5	−0.9021+0.6537i	0.6747+0.5748i	−23.7036−8.2745i	−0.2256+0.8081i	−0.2093−0.2902i	−2.8535−0.5276i	−0.0093+1.0100i	−0.2788+0.3803i
50.6	−0.9093+0.7107i	0.6737+0.5890i	−24.0898−8.2740i	−0.2345+0.8042i	−0.2215−0.2620i	−2.7610−0.3107i	−0.0149+1.0266i	−0.2771+0.4465i
50.7	−0.8901+0.7592i	0.7298+0.5713i	−23.9827−8.6344i	−0.2358+0.8141i	−0.2281−0.2534i	−2.6056−0.2890i	0.0034+1.0332i	−0.2579+0.4954i
50.8	−0.8168+0.7516i	0.7565+0.5301i	−24.3589−8.6779i	−0.2318+0.8452i	−0.2186−0.2927i	−2.3092−0.5610i	0.0220+1.0327i	−0.2290+0.4254i
50.9	−0.7985+0.7559i	0.7395+0.5057i	−24.2795−9.0797i	−0.2019+0.8932i	−0.2645−0.2829i	−2.4643−0.7524i	−0.0064+1.0706i	−0.3220+0.4161i
51.0	−0.8094+0.7721i	0.7559+0.4994i	−24.5804−9.1609i	−0.1609+0.8787i	−0.3002−0.2956i	−2.6462−0.6168i	0.0328+1.0675i	−0.3532+0.4271i
51.1	−0.8115+0.7337i	0.7451+0.4541i	−24.2612−9.0996i	−0.1616+0.8510i	−0.2651−0.2726i	−2.8435−0.6119i	0.0343+1.0714i	−0.3404+0.4852i
51.2	−0.8859+0.7261i	0.7864+0.5036i	−24.6487−9.5444i	−0.1667+0.8544i	−0.2161−0.2320i	−2.8531−0.2706i	0.0556+1.1145i	−0.2889+0.5681i
51.3	−0.8619+0.8298i	0.8156+0.4006i	−25.3159−9.4307i	−0.1605+0.8554i	−0.2829−0.2955i	−2.4377−0.2352i	0.1264+1.0701i	−0.2677+0.5042i
51.4	−0.7380+0.8896i	0.7881+0.2985i	−25.4329−9.5425i	−0.1070+0.8913i	−0.2904−0.2373i	−2.3549−0.6439i	0.1565+1.0681i	−0.2946+0.5273i
51.5	−0.6818+0.8612i	0.7343+0.2550i	−25.2893−9.5486i	−0.0703+0.8971i	−0.2998−0.2325i	−2.6061−0.8745i	0.1659+1.0729i	−0.3592+0.5465i
51.6	−0.6946+0.8149i	0.6427+0.2394i	−25.1273−9.5729i	−0.0491+0.8881i	−0.2776−0.2850i	−2.9533−0.7147i	0.1918+1.0516i	−0.3863+0.5202i
51.7	−0.7055+0.8485i	0.6097+0.2822i	−25.2227−10.0091i	−0.0493+0.8491i	−0.3455−0.2008i	−2.8602−0.4656i	0.1829+1.0455i	−0.4062+0.6635i
51.8	−0.7371+0.8860i	0.6123+0.3291i	−25.0281−10.5347i	−0.0794+0.8417i	−0.4221−0.1326i	−2.8309−0.3583i	0.1770+1.0702i	−0.4144+0.8005i
51.9	−0.7195+0.8687i	0.6543+0.3266i	−25.5067−10.7060i	−0.0949+0.8332i	−0.3749−0.1360i	−2.9391−0.4139i	0.2341+1.0502i	−0.2729+0.8116i
52.0	−0.7485+0.8578i	0.6187+0.2759i	−25.4593−10.6376i	−0.1144+0.8553i	−0.3325−0.1990i	−3.1607−0.3622i	0.2501+1.0183i	−0.2157+0.7013i
52.1	−0.7666+0.8406i	0.5251+0.2728i	−25.3759−10.6837i	−0.1299+0.8672i	−0.3212−0.2891i	−3.2843−0.2607i	0.2626+1.0058i	−0.2411+0.6435i
52.2	−0.8060+0.8548i	0.4852+0.3211i	−25.7838−11.0424i	−0.1314+0.9104i	−0.3210−0.3108i	−3.2950−0.1965i	0.2877+1.0170i	−0.2265+0.6614i
52.3	−0.8717+0.9017i	0.4978+0.3921i	−26.3953−11.2248i	−0.1247+0.9306i	−0.4364−0.3664i	−3.3078−0.0430i	0.3071+0.9887i	−0.2703+0.6205i
52.4	−0.7867+1.0038i	0.5388+0.3917i	−26.8692−11.5528i	−0.0812+0.9461i	−0.4672−0.2789i	−3.2004−0.1081i	0.3340+0.9918i	−0.2534+0.7098i
52.5	−0.8301+1.0462i	0.5266+0.4529i	−26.6847−11.7830i	−0.0833+0.9695i	−0.5862−0.2244i	−3.4944+0.1687i	0.3098+0.9499i	−0.3453+0.7256i
52.6	−0.8724+1.1558i	0.6141+0.4905i	−27.4515−11.7510i	−0.0844+0.9717i	−0.6975−0.0649i	−3.4686+0.5167i	0.2760+0.9732i	−0.4072+0.9243i
52.7	−0.7632+1.2351i	0.6734+0.4715i	−27.7042−11.6936i	−0.0615+0.9899i	−0.6308−0.0062i	−3.1135+0.5953i	0.3038+0.9875i	−0.2944+1.0063i
52.8	−0.5683+1.2758i	0.7439+0.4020i	−28.0244−11.6974i	0.0003+1.0203i	−0.3696+0.0457i	−2.9986+0.3563i	0.3748+1.0208i	−0.0257+1.0740i
52.9	−0.4701+1.2542i	0.8130+0.3237i	−28.9197−11.7353i	0.0281+1.0328i	−0.3122+0.0397i	−3.0986+0.0981i	0.4179+0.9974i	0.1532+0.9642i
53.0	−0.4534+1.1498i	0.7918+0.2009i	−28.5119−11.4417i	0.0416+1.0278i	−0.3660−0.0276i	−3.6513+0.1016i	0.4279+0.9638i	0.0719+0.7997i
53.1	−0.5151+1.1637i	0.7767+0.1873i	−28.5596−11.6545i	0.0213+1.0279i	−0.4199+0.0416i	−3.7857+0.4126i	0.4186+0.9522i	0.0259+0.8898i
53.2	−0.5943+1.2319i	0.7204+0.1301i	−28.3564−11.9567i	−0.0008+1.0693i	−0.4848+0.0540i	−3.9611+0.8516i	0.4336+0.9316i	0.0658+0.9316i
53.3	−0.5309+1.2954i	0.6028+0.1286i	−29.0181−12.2912i	0.0577+1.1250i	−0.4971+0.0027i	−3.6510+1.3233i	0.4400+0.9037i	0.0398+0.7926i
53.4	−0.4642+1.3321i	0.5508+0.3058i	−29.4417−12.4232i	0.1374+1.1377i	−0.6076+0.1088i	−3.2301+1.4213i	0.4201+0.9343i	−0.1364+0.9302i
53.5	−0.3564+1.3497i	0.7321+0.3136i	−29.8473−12.0716i	0.1681+1.0849i	−0.3799+0.3186i	−2.9717+1.0915i	0.4880+0.9556i	0.1405+1.2034i
53.6	−0.3153+1.2629i	0.8019+0.1068i	−30.1842−11.8910i	0.1283+1.0858i	−0.1305+0.1397i	−3.2460+0.7998i	0.5595+0.8672i	0.5212+0.8771i
53.7	−0.3410+1.3526i	0.6597+0.0579i	−30.1796−11.9699i	0.1419+1.1583i	−0.2855−0.0159i	−3.3880+1.2653i	0.5048+0.8335i	0.3151+0.5844i
53.8	−0.2357+1.3757i	0.5908+0.0544i	−30.0490−12.1368i	0.1930+1.1945i	−0.3210−0.0235i	−3.2147+1.3623i	0.5023+0.8535i	0.2085+0.5809i
53.9	−0.2291+1.3629i	0.4932+0.0749i	−30.4514−12.8703i	0.2675+1.2770i	−0.4615−0.0938i	−3.4083+1.5863i	0.4911+0.8507i	−0.0304+0.4981i
54.0	−0.2189+1.4215i	0.5747+0.1504i	−31.3905−12.8139i	0.3934+1.2372i	−0.6484+0.1746i	−3.5049+1.8413i	0.4882+0.8783i	−0.2144+0.8637i
54.1	−0.1728+1.5455i	0.6802+0.1199i	−31.6301−12.7822i	0.4114+1.1857i	−0.6133+0.4369i	−3.4038+2.3368i	0.5172+0.9083i	−0.0348+1.2224i
54.2	0.0151+1.4690i	0.6513−0.0319i	−32.0245−12.5520i	0.4513+1.1578i	−0.4424+0.4353i	−3.1486+2.2350i	0.5849+0.8680i	0.1888+1.0824i
54.3	0.0140+1.3804i	0.5312−0.0468i	−32.1468−12.8431i	0.4752+1.1327i	−0.4808+0.4365i	−3.2363+2.4835i	0.5928+0.8159i	0.1227+1.0645i
54.4	−0.0194+1.4012i	0.4592+0.0350i	−33.1437−12.8938i	0.4883+1.1102i	−0.4844+0.5017i	−2.8666+2.8605i	0.5726+0.7935i	0.1219+1.1736i
54.5	0.1101+1.4365i	0.4757+0.0631i	−34.2043−13.0297i	0.5513+1.0809i	−0.2650+0.6304i	−2.1534+3.0266i	0.6045+0.8091i	0.4026+1.2525i
54.6	0.1935+1.4310i	0.4866+0.0920i	−34.9149−12.5367i	0.5786+1.0543i	−0.1622+0.5931i	−1.7165+2.8055i	0.6246+0.8136i	0.5224+1.2185i
54.7	0.2944+1.3714i	0.4837+0.0430i	−35.0374−12.0064i	0.6015+1.0409i	−0.1092+0.4926i	−1.5612+2.4127i	0.6511+0.7961i	0.5677+1.0713i
54.8	0.2787+1.2563i	0.3873−0.0110i	−35.0241−11.5342i	0.5970+1.0073i	−0.2203+0.5013i	−1.8547+2.2049i	0.6409+0.7579i	0.3990+1.0716i
54.9	0.2634+1.2557i	0.2848+0.0226i	−35.6025−11.7252i	0.6256+1.0138i	−0.0912+0.5752i	−1.7459+2.4551i	0.6381+0.7723i	0.5119+1.1608i
55.0	0.3212+1.2549i	0.3067+0.0980i	−36.1587−11.3018i	0.6621+0.9861i	0.0423+0.5296i	−1.4047+2.5256i	0.6589+0.7597i	0.6790+1.1187i
55.1	0.3605+1.2326i	0.3439+0.1296i	−36.4776−11.0073i	0.6796+0.9663i	0.1120+0.4809i	−1.1634+2.4282i	0.6785+0.7532i	0.7691+1.0495i
55.2	0.3962+1.1827i	0.3543+0.1646i	−36.8175−10.6618i	0.6974+0.9337i	0.1615+0.4488i	−0.9949+2.2239i	0.7057+0.7361i	0.8313+1.0011i
55.3	0.4140+1.1564i	0.3990+0.1866i	−37.0816−10.2824i	0.7036+0.8888i	0.1556+0.3931i	−0.9255+2.0557i	0.7206+0.6983i	0.8772+0.9754i
55.4	0.4555+1.1170i	0.4306+0.1600i	−37.2122−9.9027i	0.7105+0.8595i	0.2008+0.3059i	−0.8711+1.8841i	0.7442+0.6666i	0.9438+0.8293i
55.5	0.4761+1.1130i	0.4312+0.1347i	−37.0085−9.7468i	0.7080+0.8723i	0.1799+0.3423i	−1.0106+1.8576i	0.7595+0.6457i	0.9576+0.8480i
55.6	0.4590+1.1069i	0.3831+0.1952i	−37.1437−9.6759i	0.6969+0.8632i	0.1980+0.3631i	−1.0241+1.9138i	0.7237+0.6422i	0.9734+0.9003i
55.7	0.5073+1.0924i	0.4135+0.1954i	−37.4329−9.2094i	0.7276+0.8643i	0.2629+0.2705i	−0.8603+1.8592i	0.7457+0.6290i	1.0651+0.7628i
55.8	0.5563+1.0454i	0.4824+0.1892i	−37.7225−9.3062i	0.7604+0.8371i	0.2545+0.2151i	−0.7713+1.7104i	0.7716+0.6022i	1.1106+0.6687i
55.9	0.5695+0.9955i	0.4518+0.1603i	−38.0392−8.8243i	0.7597+0.8083i	0.2282+0.1061i	−0.7654+1.4855i	0.7540+0.5848i	1.0285+0.5106i
56.0	0.5849+0.9357i	0.4628+0.1050i	−37.8843−8.3229i	0.7727+0.7841i	0.1805+0.0334i	−0.7626+1.2924i	0.7690+0.5582i	0.9300+0.3895i

56.1	0.5811+0.8921i	0.3726+0.0245i	-37.8599-8.1978i	0.7755+0.7780i	0.1676+0.1247i	-0.9704+1.3580i	0.7508+0.5155i	0.9004+0.4424i
56.2	0.6148+0.8804i	0.3885+0.0582i	-38.1203-8.3275i	0.8049+0.7573i	0.2060+0.1649i	-0.9458+1.4909i	0.7513+0.5113i	1.0237+0.4510i
56.3	0.6124+0.8295i	0.4177-0.0049i	-38.7403-7.9186i	0.7997+0.7238i	0.2370+0.1656i	-0.8994+1.3764i	0.7573+0.4953i	1.0862+0.3560i
56.4	0.6234+0.7862i	0.4264+0.0336i	-38.6964-7.9106i	0.8245+0.6890i	0.1923+0.1229i	-0.8816+1.3089i	0.7633+0.4776i	1.0133+0.3424i
56.5	0.6310+0.7402i	0.3682+0.0816i	-38.8538-7.9873i	0.8537+0.6734i	0.1608+0.0529i	-0.8670+1.2533i	0.7766+0.4636i	0.9131+0.2987i
56.6	0.6412+0.7035i	0.3944+0.0748i	-39.0581-7.9618i	0.8574+0.6334i	0.1635+0.0736i	-0.8028+1.1378i	0.7796+0.4450i	0.9460+0.2927i
56.7	0.6408+0.6681i	0.3774+0.0818i	-38.9714-7.7996i	0.8667+0.6088i	0.1508+0.0169i	-0.8523+1.0863i	0.7682+0.4210i	0.8890+0.2210i
56.8	0.6200+0.6246i	0.3858+0.0735i	-39.3696-7.5083i	0.8663+0.5752i	0.1148+0.0106i	-0.9287+1.0434i	0.7666+0.3968i	0.8345+0.2102i
56.9	0.5895+0.6047i	0.3616+0.0409i	-39.3794-7.1976i	0.8406+0.5614i	0.1425+0.0220i	-0.9118+1.0081i	0.7622+0.3757i	0.8407+0.1639i
57.0	0.5852+0.5859i	0.3464-0.0091i	-39.4330-7.0102i	0.8271+0.5366i	0.1448+0.0232i	-0.9129+0.9633i	0.7642+0.3474i	0.8413+0.1216i
57.1	0.5505+0.5646i	0.3460-0.0756i	-39.6649-6.9856i	0.8010+0.5123i	0.1157+0.0595i	-1.0684+0.9106i	0.7570+0.3211i	0.8027+0.1580i
57.2	0.5138+0.5418i	0.2187-0.0772i	-40.1637-6.9659i	0.7681+0.5145i	0.1532+0.0900i	-1.1591+0.9307i	0.7328+0.2763i	0.8400+0.1996i
57.3	0.5063+0.5477i	0.1693-0.0508i	-40.1649-7.0444i	0.7782+0.5198i	0.2068+0.0640i	-1.1606+0.9538i	0.7096+0.2735i	0.8806+0.1459i
57.4	0.4747+0.5335i	0.2056-0.1205i	-40.5782-6.9938i	0.7528+0.4976i	0.2273+0.0947i	-1.1633+0.9308i	0.6879+0.2531i	0.9363+0.1255i
57.5	0.4930+0.5309i	0.2092-0.1220i	-40.7422-7.1467i	0.7648+0.4974i	0.2236+0.0561i	-1.1018+0.8831i	0.6859+0.2440i	0.9447+0.0869i
57.6	0.4890+0.5501i	0.1521-0.1116i	-41.2407-7.0238i	0.7743+0.5055i	0.2375+0.0105i	-1.1915+0.8719i	0.6800+0.2353i	0.9133+0.0398i
57.7	0.4942+0.5566i	0.0391-0.1164i	-41.3690-6.8441i	0.7724+0.5229i	0.2612-0.0236i	-1.2449+0.9570i	0.6486+0.2431i	0.8571-0.0429i
57.8	0.4936+0.5620i	0.0202-0.1270i	-41.7939-6.5162i	0.7707+0.5272i	0.2673-0.0315i	-1.1844+0.9312i	0.6307+0.2370i	0.8740-0.0802i
57.9	0.5008+0.5816i	-0.0719-0.1326i	-41.8961-5.6881i	0.7688+0.5272i	0.2825-0.0600i	-1.1844+0.9415i	0.6161+0.2351i	0.8608-0.0970i
58.0	0.5075+0.5868i	-0.1523-0.1522i	-42.0992-5.7810i	0.7862+0.5186i	0.2792-0.0619i	-1.2366+0.9492i	0.6125+0.2313i	0.8403-0.1055i
58.1	0.5458+0.5682i	-0.3367-0.0315i	-42.3006-5.6913i	0.8167+0.5332i	0.2719-0.1402i	-1.3290+0.8713i	0.6124+0.2237i	0.7853-0.2188i
58.2	0.5541+0.5660i	-0.3509+0.0962i	-42.3400-5.7418i	0.8284+0.5238i	0.2254-0.1180i	-1.3748+0.8922i	0.5888+0.2435i	0.7081-0.1700i
58.3	0.5680+0.5506i	-0.3371+0.1936i	-42.5500-5.9854i	0.8363+0.5120i	0.2359-0.1099i	-1.4481+0.9569i	0.5831+0.2572i	0.6907-0.1207i
58.4	0.5890+0.5192i	-0.3533+0.3080i	-42.6811-5.5202i	0.8421+0.4975i	0.2765-0.1848i	-1.3444+1.0467i	0.5975+0.2421i	0.7112-0.1879i
58.5	0.6015+0.5158i	-0.3591+0.3375i	-42.8964-5.0981i	0.8375+0.4834i	0.2779-0.2010i	-1.2460+1.0204i	0.5972+0.2238i	0.7629-0.2234i
58.6	0.6253+0.4894i	-0.3739+0.3913i	-43.4618-5.3142i	0.8383+0.4776i	0.2746-0.2237i	-1.3116+1.0642i	0.5947+0.2124i	0.8225-0.3010i
58.7	0.6345+0.4757i	-0.3594+0.5374i	-43.5765-5.3083i	0.8711+0.4925i	0.2498-0.2914i	-1.3373+1.1523i	0.5908+0.2228i	0.7181-0.3736i
58.8	0.6249+0.4554i	-0.3160+0.6638i	-43.7001-4.8112i	0.8888+0.4884i	0.2100-0.3534i	-1.3059+1.1988i	0.5806+0.2202i	0.6049-0.4311i
58.9	0.6410+0.4464i	-0.3298+0.6613i	-43.6955-4.8621i	0.8847+0.4737i	0.2047-0.3492i	-1.2945+1.1774i	0.5564+0.2243i	0.5933-0.4465i
59.0	0.6049+0.4325i	-0.2323+0.7105i	-43.8259-4.4987i	0.8911+0.4532i	0.1580-0.3416i	-1.3795+1.2493i	0.5460+0.2206i	0.4833-0.4349i
59.1	0.5710+0.4323i	-0.1718+0.7768i	-44.3320-4.2647i	0.8875+0.4462i	0.1402-0.3527i	-1.3791+1.4384i	0.5523+0.2151i	0.4254-0.4648i
59.2	0.6150+0.4346i	-0.1041+0.7233i	-44.8230-4.3217i	0.8974+0.4150i	0.0813-0.3209i	-1.2436+1.4238i	0.5529+0.2138i	0.4434-0.3692i
59.3	0.6553+0.4237i	-0.0933+0.7657i	-45.2765-4.4050i	0.9399+0.4061i	0.0690-0.3512i	-1.2312+1.3487i	0.5493+0.2070i	0.3288-0.4128i
59.4	0.6304+0.4264i	-0.1509+0.7456i	-45.6489-4.1286i	0.9300+0.4019i	0.0825-0.3349i	-1.3392+1.3421i	0.5353+0.1770i	0.2832-0.4587i
59.5	0.6412+0.3828i	-0.0531+0.7284i	-45.9685-4.9254i	0.9332+0.3587i	0.0280-0.3116i	-1.2298+1.2754i	0.5395+0.1690i	0.2802-0.3208i
59.6	0.6610+0.3524i	-0.0529+0.7659i	-46.7548-4.9319i	0.9270+0.3387i	0.0158-0.3195i	-1.1199+1.2172i	0.5266+0.1847i	0.2749-0.2621i
59.7	0.6941+0.3440i	-0.0996+0.7699i	-46.9303-5.0597i	0.9257+0.3390i	0.0302-0.3095i	-1.0949+1.2380i	0.5292+0.1796i	0.2904-0.2964i
59.8	0.7109+0.3377i	-0.0547+0.8716i	-47.7776-4.5614i	0.9339+0.3441i	0.0179-0.3293i	-1.0828+1.2476i	0.5130+0.2049i	0.2359-0.2808i
59.9	0.7050+0.2872i	-0.0086+0.9090i	-48.5773-4.5370i	0.9203+0.3217i	0.0141-0.3110i	-1.0215+1.2747i	0.5098+0.2177i	0.2836-0.2111i
60.0	0.6660+0.2701i	-0.1148+0.9276i	-49.6202-4.5840i	0.8882+0.3037i	0.0482-0.3293i	-1.0904+1.1811i	0.4938+0.1833i	0.3512-0.1838i
60.1	0.6734+0.2592i	-0.0210+0.9867i	-49.9667-4.5478i	0.9111+0.3105i	0.0234-0.3421i	-1.0583+1.0953i	0.5065+0.2004i	0.2566-0.1437i
60.2	0.7221+0.2620i	-0.0539+1.0481i	-50.3577-3.8609i	0.9173+0.3115i	0.0213-0.3657i	-1.0712+1.1401i	0.4738+0.2065i	0.2786-0.2613i
60.3	0.7282+0.2159i	-0.0599+1.1205i	-50.7268-3.4413i	0.9239+0.2975i	0.0141-0.3959i	-1.0683+1.0851i	0.4682+0.2104i	0.2649-0.2763i
60.4	0.7164+0.1973i	-0.0440+1.2040i	-51.4197-2.6388i	0.9151+0.2965i	0.0053-0.4114i	-1.1007+1.1877i	0.4582+0.2162i	0.2947-0.3155i
60.5	0.7042+0.1760i	0.0957+1.3352i	-52.3909-2.9255i	0.9368+0.3058i	-0.0444-0.4455i	-1.2039+1.1306i	0.4561+0.2180i	0.2561-0.3287i
60.6	0.7126+0.1323i	0.1979+1.4011i	-52.7111-3.6559i	0.9605+0.2942i	-0.0798-0.4583i	-1.1319+1.1491i	0.4722+0.2248i	0.2161-0.3188i
60.7	0.7210+0.1092i	0.3430+1.4423i	-53.1018-2.5326i	0.9774+0.2833i	-0.1312-0.4637i	-1.0891+1.1944i	0.4538+0.2419i	0.1647-0.3374i
60.8	0.7185+0.0776i	0.4596+1.4457i	-53.9108-1.7336i	0.9916+0.2670i	-0.1584-0.4513i	-1.1471+1.2000i	0.4557+0.2599i	0.1005-0.3460i
60.9	0.7253+0.0640i	0.5215+1.4000i	-54.6249-1.3899i	0.9971+0.2541i	-0.1908-0.4361i	-1.1485+1.1841i	0.4672+0.2702i	0.0908-0.3211i
61.0	0.7243+0.0370i	0.5312+1.3830i	-54.8240-0.8167i	0.9985+0.2356i	-0.2081-0.4168i	-1.1563+1.1852i	0.4592+0.2687i	0.0778-0.3091i
61.1	0.7143+0.0158i	0.6320+1.3536i	-55.9906-0.4648i	1.0205+0.2178i	-0.2345-0.3998i	-1.1509+1.1701i	0.4756+0.2648i	0.0459-0.2384i
61.2	0.6941-0.0203i	0.7470+1.3645i	-56.7344+0.2371i	1.0227+0.1929i	-0.2652-0.3804i	-1.2033+1.2413i	0.4799+0.2773i	0.0202-0.2296i
61.3	0.6887-0.0553i	0.8059+1.3657i	-56.5436+0.6444i	1.0214+0.1681i	-0.2785-0.3571i	-1.2344+1.2505i	0.4708+0.2829i	0.0040-0.2343i
61.4	0.6497-0.0732i	0.9058+1.2932i	-57.2494+1.4593i	1.0180+0.1533i	-0.3010-0.3419i	-1.1757+1.2108i	0.4887+0.2857i	0.0194-0.1650i
61.5	0.6028-0.0778i	0.9828+1.2347i	-58.9578+0.6149i	1.0085+0.1358i	-0.3098-0.3264i	-1.1532+1.1846i	0.5082+0.2933i	0.0270-0.1345i
61.6	0.5874-0.1015i	0.9997+1.1869i	-60.0242+1.1148i	1.0081+0.1220i	-0.3011-0.3026i	-1.1633+1.2166i	0.5139+0.3004i	0.0203-0.1508i
61.7	0.5638-0.1318i	0.9922+1.1551i	-60.2888+2.2076i	0.9979+0.1158i	-0.2872-0.2777i	-1.1374+1.2111i	0.5226+0.3185i	0.0192-0.1913i
61.8	0.5373-0.1559i	0.9779+1.1225i	-61.9385+2.7404i	0.9775+0.0954i	-0.2812-0.2568i	-1.1886+1.2888i	0.5254+0.3335i	0.0421-0.2075i
61.9	0.5132-0.1380i	1.0236+1.0653i	-63.4549+4.6445i	0.9880+0.0833i	-0.2945-0.2532i	-1.2534+1.2205i	0.5357+0.3125i	0.0104-0.1504i
62.0	0.4622-0.1382i	1.0330+1.0360i	-63.9613+4.9512i	0.9756+0.0737i	-0.2887-0.2536i	-1.3218+1.1093i	0.5709+0.2907i	0.0175-0.1369i
62.1	0.4252-0.1131i	1.0019+1.0818i	-64.2953+5.4553i	0.9533+0.0844i	-0.2704-0.2822i	-1.3565+1.1711i	0.5947+0.2736i	0.0243-0.1673i
62.2	0.4224-0.1160i	1.0631+1.0825i	-64.8689+6.4516i	0.9585+0.0711i	-0.2928-0.2787i	-1.2671+1.2300i	0.5943+0.2779i	0.0027-0.1280i
62.3	0.3913-0.1163i	1.0967+1.0765i	-66.1228+7.6296i	0.9595+0.0622i	-0.2907-0.2846i	-1.2094+1.2360i	0.6150+0.2813i	-0.0158-0.1036i

62.4	0.3756-0.1019i	1.1164+1.0843i	-67.0411+8.8497i	0.9607+0.0666i	-0.2935-0.2917i	-1.2128+1.1920i	0.6236+0.2713i	-0.0179-0.1185i
62.5	0.3615-0.0751i	1.1446+1.0850i	-67.7450+10.0689i	0.9601+0.0707i	-0.2903-0.2951i	-1.2800+1.1975i	0.6248+0.2551i	-0.0135-0.1099i
62.6	0.3408-0.0596i	1.2073+1.0840i	-68.8572+10.8072i	0.9620+0.0648i	-0.2994-0.2954i	-1.2931+1.2955i	0.6437+0.2438i	-0.0298-0.1135i
62.7	0.3338-0.0158i	1.2797+1.0858i	-70.9843+12.6242i	0.9643+0.0668i	-0.3306-0.3118i	-1.3059+1.3282i	0.6632+0.2229i	-0.0292-0.0935i
62.8	0.3411-0.0155i	1.3167+1.0550i	-70.8323+14.9467i	0.9746+0.0622i	-0.3427-0.2930i	-1.3702+1.3185i	0.6420+0.2049i	-0.0345-0.0980i
62.9	0.3239+0.0127i	1.3616+1.0211i	-71.2129+15.0580i	0.9673+0.0583i	-0.3531-0.2858i	-1.3504+1.3563i	0.6384+0.1765i	-0.0427-0.1120i
63.0	0.2949+0.0201i	1.4016+0.9931i	-72.8165+17.1574i	0.9590+0.0496i	-0.3779-0.2689i	-1.3838+1.3782i	0.6528+0.1628i	-0.0466-0.1244i
63.1	0.3130+0.0447i	1.4346+0.9800i	-74.6284+19.1494i	0.9751+0.0584i	-0.4008-0.2799i	-1.4142+1.3890i	0.6417+0.1538i	-0.0562-0.1185i
63.2	0.3072+0.0826i	1.4769+0.9390i	-76.4308+21.1587i	0.9840+0.0681i	-0.3981-0.2780i	-1.4511+1.4005i	0.6650+0.1403i	-0.0822-0.1146i
63.3	0.3299+0.0892i	1.4933+0.8709i	-77.8132+23.3652i	0.9842+0.0476i	-0.4295-0.2687i	-1.5388+1.3720i	0.6510+0.1232i	-0.0773-0.0854i
63.4	0.3742+0.0916i	1.5479+0.8316i	-78.2630+24.9177i	1.0014+0.0325i	-0.4590-0.2525i	-1.6329+1.3863i	0.6317+0.0966i	-0.0461-0.0700i
63.5	0.4152+0.0786i	1.6282+0.8425i	-78.2932+26.9728i	1.0277+0.0232i	-0.4792-0.2255i	-1.6184+1.4655i	0.6139+0.1067i	-0.0630-0.0589i
63.6	0.4146+0.0444i	1.6338+0.7946i	-78.0919+29.6946i	1.0170+0.0010i	-0.4853-0.1946i	-1.6084+1.4824i	0.6159+0.1082i	-0.0718-0.0801i
63.7	0.4448+0.0880i	1.6429+0.7335i	-78.7110+32.8726i	1.0361-0.0023i	-0.4848-0.2026i	-1.6336+1.5341i	0.6209+0.0698i	-0.0917-0.0550i
63.8	0.4644+0.1276i	1.6803+0.7663i	-79.0342+34.1363i	1.0592+0.0036i	-0.4839-0.2394i	-1.6505+1.6163i	0.6109+0.0758i	-0.1280-0.0177i
63.9	0.4940+0.0906i	1.7426+0.7325i	-78.9355+38.3135i	1.0788-0.0332i	-0.5128-0.2211i	-1.6875+1.6089i	0.5944+0.0496i	-0.1530+0.0055i
64.0	0.4918+0.0287i	1.7792+0.7080i	-78.8023+41.2782i	1.0703-0.0724i	-0.5557-0.1743i	-1.7952+1.6113i	0.5728+0.0326i	-0.1039-0.0057i
64.1	0.4847+0.0396i	1.8345+0.6714i	-78.8574+41.6056i	1.0695-0.0743i	-0.5475-0.1625i	-1.7407+1.7371i	0.5709+0.0608i	-0.1114+0.0096i
64.2	0.4968+0.0689i	1.8872+0.6130i	-77.8518+44.6924i	1.0836-0.0692i	-0.5574-0.1498i	-1.6855+1.7324i	0.5822+0.0352i	-0.1361+0.0220i
64.3	0.5350+0.0424i	1.9539+0.5323i	-77.8619+50.5919i	1.1054-0.1010i	-0.5891-0.1011i	-1.6922+1.8627i	0.5762+0.0383i	-0.1161+0.0218i
64.4	0.5892+0.0359i	2.0173+0.4419i	-79.6040+54.7967i	1.1243-0.1415i	-0.6109-0.1086i	-1.7448+1.9327i	0.5527+0.0280i	-0.1514+0.0750i
64.5	0.5905+0.0322i	2.0450+0.3794i	-76.8339+58.8443i	1.1159-0.1629i	-0.6093-0.0773i	-1.7398+2.1143i	0.5395+0.0283i	-0.1613+0.0798i
64.6	0.5727-0.0036i	2.0423+0.2942i	-76.3089+60.8633i	1.0995-0.1991i	-0.5983-0.0494i	-1.8332+2.2574i	0.5068+0.0407i	-0.1509+0.0863i
64.7	0.5939-0.0361i	2.0721+0.2003i	-72.6598+65.2702i	1.0986-0.2398i	-0.6004-0.0283i	-1.7746+2.3471i	0.4972+0.0168i	-0.1531+0.1072i
64.8	0.6071-0.0113i	2.1091+0.2434i	-73.2735+67.5338i	1.1120-0.2423i	-0.5965-0.0391i	-1.8544+2.4601i	0.4834+0.0039i	-0.1885+0.1110i
64.9	0.6080-0.0410i	2.1593+0.1979i	-70.2890+70.6627i	1.0992-0.2665i	-0.6045-0.0102i	-1.8721+2.6095i	0.4754+0.0175i	-0.1810+0.1200i
65.0	0.6248-0.0931i	2.2033+0.0997i	-67.6002+76.4543i	1.0867-0.2991i	-0.6099+0.0225i	-1.7705+2.6444i	0.4628+0.0268i	-0.1718+0.1575i
65.1	0.6407-0.1150i	2.2076+0.0335i	-66.8881+79.5498i	1.0743-0.3355i	-0.6084+0.0296i	-1.7438+2.7311i	0.4556+0.0337i	-0.1727+0.1835i
65.2	0.6212-0.1590i	2.2917-0.0367i	-65.3014+85.1561i	1.0591-0.3840i	-0.6396+0.0587i	-1.8595+3.0447i	0.4501+0.0425i	-0.1480+0.2018i
65.3	0.5774-0.2181i	2.3180-0.1314i	-59.5345+88.0076i	1.0210-0.3826i	-0.6429+0.1054i	-1.6271+2.9801i	0.4705+0.0384i	-0.1166+0.2211i
65.4	0.5222-0.2227i	2.3586-0.2314i	-56.0178+94.2098i	0.9782-0.3938i	-0.6442+0.1337i	-1.5213+3.1824i	0.4671+0.0496i	-0.1071+0.2171i
65.5	0.4911-0.1956i	2.4221-0.3340i	-52.4055+96.7059i	0.9681-0.3989i	-0.6371+0.1345i	-1.5366+3.2452i	0.4632+0.0498i	-0.0995+0.2442i
65.6	0.4917-0.1658i	2.4003-0.4455i	-47.3670+97.9973i	0.9242-0.3925i	-0.6385+0.1232i	-1.2762+3.3420i	0.4670+0.0649i	-0.1038+0.2606i
65.7	0.4788-0.1358i	2.3735-0.5144i	-43.2874+98.9038i	0.8879-0.3945i	-0.6446+0.1261i	-1.1372+3.5390i	0.4677+0.0638i	-0.1017+0.2351i
65.8	0.4756-0.1269i	2.3850-0.6685i	-37.6431+101.5567i	0.8559-0.4156i	-0.6683+0.1519i	-1.0253+3.6596i	0.4728+0.0587i	-0.0656+0.2467i
65.9	0.4764-0.1302i	2.3470-0.8107i	-30.2599+99.2464i	0.8278-0.4054i	-0.6643+0.1985i	-0.8049+3.7599i	0.4654+0.0838i	-0.0206+0.2599i
66.0	0.4502-0.1063i	2.3270-0.9346i	-24.1911+100.0591i	0.8019-0.3809i	-0.6602+0.2341i	-0.7141+3.6951i	0.4682+0.0788i	-0.0147+0.2571i
66.1	0.4878-0.0656i	2.3829-1.0617i	-19.5471+105.0534i	0.7694-0.3599i	-0.6757+0.2749i	-0.4490+3.8580i	0.4819+0.0814i	-0.0710+0.2621i
66.2	0.5037-0.0523i	2.3122-1.3324i	-12.0645+107.5064i	0.7305-0.3422i	-0.6893+0.3326i	-0.2959+4.0340i	0.4754+0.0974i	-0.0263+0.3195i
66.3	0.5006-0.0495i	2.1677-1.5022i	-5.3343+105.0093i	0.6975-0.3015i	-0.6495+0.3784i	-0.1600+3.9593i	0.4532+0.0820i	-0.0119+0.3228i
66.4	0.4788+0.0095i	2.0137-1.5257i	-1.1336+100.4218i	0.6900-0.2292i	-0.6145+0.3968i	-0.0932+3.9250i	0.4605+0.0760i	0.0044+0.2725i
66.5	0.5046+0.0588i	1.9160-1.6132i	3.7990+98.7630i	0.6989-0.1702i	-0.6038+0.4059i	0.0442+3.9327i	0.4693+0.0789i	0.0171+0.2790i
66.6	0.5483+0.0788i	1.7958-1.7188i	9.9213+97.3675i	0.7138-0.1066i	-0.5766+0.4395i	0.2289+3.8676i	0.4724+0.0757i	0.0439+0.2713i
66.7	0.6160+0.0852i	1.6151-1.7908i	14.9625+92.9339i	0.7477-0.0909i	-0.5775+0.4426i	0.5057+3.8214i	0.4526+0.0678i	0.0737+0.2771i
66.8	0.6846+0.0739i	1.5227-1.8778i	18.2107+91.1436i	0.7913-0.0714i	-0.5426+0.4681i	0.6967+3.7541i	0.4681+0.0625i	0.0606+0.2612i
66.9	0.7496+0.0978i	1.3720-1.9529i	21.1553+87.4551i	0.8423-0.0564i	-0.5386+0.4766i	0.7199+3.7624i	0.4722+0.0494i	0.0836+0.2444i
67.0	0.8379+0.0483i	1.1784-2.0138i	27.7076+83.1403i	0.9102-0.0443i	-0.5034+0.5125i	0.9677+3.6254i	0.4718+0.0470i	0.1064+0.2582i
67.1	0.9244+0.0209i	1.0031-1.9938i	29.4055+79.2486i	0.9727-0.0318i	-0.4642+0.5129i	1.1965+3.5349i	0.4748+0.0507i	0.0658+0.2643i
67.2	0.9647-0.0011i	0.8565-1.9643i	30.3469+76.6662i	0.9844-0.0615i	-0.4851+0.5086i	1.1398+3.5405i	0.4425+0.0493i	0.1044+0.2429i
67.3	1.0212-0.0744i	0.7277-1.9789i	33.1312+71.1243i	1.0433-0.0932i	-0.4439+0.5160i	1.1455+3.3354i	0.4321+0.0277i	0.0848+0.2536i
67.4	1.1179-0.1040i	0.6412-2.0111i	35.8647+69.2949i	1.0949-0.1126i	-0.4220+0.4989i	1.4253+3.2103i	0.4363+0.0183i	0.0425+0.2881i
67.5	1.1568-0.1933i	0.5298-1.9073i	38.3305+64.9125i	1.1475-0.1397i	-0.4052+0.5089i	1.5483+3.0546i	0.4515+0.0183i	0.0377+0.2760i
67.6	1.1696-0.3396i	0.2549-1.8417i	41.0750+58.7330i	1.1499-0.2163i	-0.3845+0.5310i	1.6089+3.0369i	0.4071+0.0493i	0.0995+0.2929i
67.7	1.2097-0.4500i	0.1629-1.8030i	42.8954+56.0821i	1.1630-0.2482i	-0.3549+0.5273i	1.7891+2.7722i	0.4065+0.0295i	0.0703+0.2942i
67.8	1.2329-0.5100i	0.1334-1.7826i	43.5030+54.3802i	1.1803-0.2647i	-0.3539+0.5454i	1.8931+2.6772i	0.3955+0.0490i	0.0590+0.3071i
67.9	1.2106-0.6051i	0.0741-1.7287i	44.0955+51.1414i	1.1828-0.2997i	-0.3626+0.6251i	1.9135+2.7440i	0.3825+0.0863i	0.1143+0.2993i
68.0	1.2014-0.7441i	-0.0360-1.6563i	45.9516+47.0185i	1.1751-0.3635i	-0.3771+0.6239i	2.0023+2.6187i	0.3803+0.0889i	0.1515+0.3272i
68.1	1.1841-0.8071i	-0.1001-1.6470i	45.5122+44.2720i	1.1680-0.3720i	-0.3876+0.6451i	2.0109+2.6785i	0.3836+0.1077i	0.1688+0.3202i
68.2	1.1179-0.9038i	-0.2379-1.5908i	47.2934+41.9404i	1.1560-0.4064i	-0.3625+0.6782i	2.0662+2.5866i	0.3819+0.1208i	0.2050+0.2986i
68.3	1.0869-0.9904i	-0.3457-1.5530i	49.1974+39.2945i	1.1799-0.4495i	-0.3299+0.6971i	2.2374+2.4212i	0.3870+0.1294i	0.2178+0.3153i
68.4	1.0588-1.0165i	-0.4157-1.5016i	48.2446+37.6137i	1.1893-0.4597i	-0.3056+0.7191i	2.3382+2.2704i	0.3944+0.1084i	0.2171+0.2949i
68.5	0.9920-1.0584i	-0.5414-1.4033i	47.5359+32.9845i	1.1671-0.4844i	-0.2748+0.7640i	2.2740+2.1464i	0.3579+0.1190i	0.2348+0.2881i
68.6	0.9767-1.0997i	-0.6215-1.3146i	46.9285+29.9012i	1.1483-0.5113i	-0.2439+0.7797i	2.2676+2.0387i	0.3654+0.1290i	0.2451+0.2529i

68.7	0.9474-1.1594i	-0.6486-1.1994i	46.8112+27.9456i	1.1586-0.5246i	-0.2360+0.7934i	2.1849+1.9423i	0.3548+0.1331i	0.2627+0.2498i
68.8	0.8535-1.2691i	-0.7445-1.0320i	46.9370+21.7578i	1.1543-0.5573i	-0.1637+0.8154i	2.3314+1.6582i	0.3564+0.1202i	0.2596+0.2275i
68.9	0.7943-1.3563i	-0.8209-0.9029i	47.6604+19.2532i	1.1237-0.5882i	-0.1027+0.8329i	2.4161+1.4844i	0.3609+0.1443i	0.2794+0.2186i
69.0	0.8115-1.3970i	-0.7897-0.8243i	46.9628+17.8518i	1.1486-0.5794i	-0.0860+0.8355i	2.3315+1.4404i	0.3428+0.1801i	0.2609+0.2564i
69.1	0.7493-1.4391i	-0.7756-0.7290i	45.6210+16.4875i	1.1368-0.5919i	-0.0489+0.8784i	2.3892+1.4322i	0.3434+0.2224i	0.2539+0.2088i
69.2	0.6389-1.5208i	-0.8427-0.5212i	46.2587+11.4091i	1.1298-0.6537i	-0.0082+0.8579i	2.2932+1.1807i	0.3359+0.2376i	0.3026+0.2081i
69.3	0.5688-1.5444i	-0.7691-0.4026i	45.3218+8.3224i	1.1183-0.6727i	0.0144+0.8331i	2.1188+1.0173i	0.3356+0.2338i	0.2879+0.2168i
69.4	0.4959-1.5743i	-0.7267-0.3317i	44.7525+6.9561i	1.1107-0.6946i	0.0562+0.8429i	2.1473+0.9151i	0.3675+0.2667i	0.2814+0.1748i
69.5	0.4195-1.6393i	-0.6553-0.2544i	43.2689+4.2359i	1.0785-0.7026i	0.0620+0.8404i	2.0811+0.7850i	0.3707+0.2992i	0.2961+0.1728i
69.6	0.3566-1.6803i	-0.5924-0.2457i	40.8691+1.4227i	1.0413-0.7330i	0.0578+0.8695i	1.9976+0.8974i	0.3630+0.3223i	0.3180+0.1638i
69.7	0.2134-1.6926i	-0.5153-0.2220i	39.8660-1.7196i	1.0330-0.7339i	0.1275+0.9211i	1.9739+0.7776i	0.4046+0.3410i	0.3143+0.1108i
69.8	0.1291-1.7229i	-0.5036-0.1860i	37.5525-4.0396i	1.0162-0.7333i	0.1711+0.9483i	1.9190+0.6211i	0.4465+0.3436i	0.3254+0.0695i
69.9	0.0408-1.7459i	-0.5879-0.1384i	36.8407-5.3220i	1.0232-0.7378i	0.2357+0.9467i	1.7874+0.6076i	0.4580+0.3630i	0.3303+0.0613i
70.0	-0.0238-1.7599i	-0.6229-0.0964i	37.1811-7.2815i	1.0354-0.7564i	0.3125+0.9533i	1.8358+0.5306i	0.4705+0.3656i	0.2910+0.0704i
70.1	-0.1115-1.7543i	-0.6423-0.0257i	36.4941-9.4511i	1.0603-0.7705i	0.4053+0.9475i	1.8505+0.3444i	0.5165+0.3609i	0.2857+0.0420i
70.2	-0.2227-1.7288i	-0.6111+0.0507i	33.1796-11.3758i	1.0457-0.7856i	0.4643+0.9058i	1.6695+0.2485i	0.5344+0.3574i	0.2746+0.0313i
70.3	-0.3105-1.7456i	-0.5982+0.1368i	31.4992-13.7492i	1.0536-0.8396i	0.5218+0.8790i	1.5726+0.1788i	0.5518+0.3566i	0.2605+0.0502i
70.4	-0.4034-1.7371i	-0.5988+0.1799i	30.2102-14.3985i	1.0441-0.8619i	0.5922+0.8779i	1.5891+0.1692i	0.5827+0.3434i	0.2630+0.0318i
70.5	-0.4737-1.7440i	-0.5748+0.2649i	29.2280-15.3349i	1.0548-0.8677i	0.6667+0.8522i	1.6198+0.1297i	0.6023+0.3653i	0.2386+0.0360i
70.6	-0.5396-1.6632i	-0.5076+0.3493i	27.1584-16.0580i	1.0292-0.8574i	0.7090+0.7954i	1.5361+0.0395i	0.6367+0.3577i	0.2131-0.0074i
70.7	-0.6626-1.5679i	-0.4513+0.4304i	23.7961-19.1377i	1.0174-0.9081i	0.7696+0.6818i	1.3679-0.0763i	0.6597+0.3295i	0.2091-0.0057i
70.8	-0.7514-1.5811i	-0.3868+0.4711i	23.9681-19.3310i	1.0208-0.9765i	0.8229+0.6411i	1.3259+0.0465i	0.6868+0.3603i	0.1979+0.0125i
70.9	-0.8265-1.4983i	-0.2813+0.5393i	21.7952-20.8846i	0.9987-0.9952i	0.8686+0.5751i	1.2550+0.0358i	0.7171+0.3141i	0.1764-0.0229i
71.0	-0.8480-1.4412i	-0.2157+0.5435i	19.1439-20.9880i	0.9859-1.0219i	0.8783+0.5025i	1.1686-0.0005i	0.7332+0.2831i	0.1483-0.0055i
71.1	-0.9131-1.4786i	-0.1667+0.6063i	18.8583-21.1650i	0.9836-1.0615i	0.9005+0.4888i	1.1466-0.0839i	0.7500+0.2781i	0.1482-0.0366i
71.2	-0.9662-1.4534i	-0.1253+0.6391i	16.7971-21.6958i	0.9650-1.0952i	0.9275+0.4552i	1.0294-0.0700i	0.7569+0.2709i	0.1296-0.0487i
71.3	-0.9675-1.3771i	-0.0561+0.6211i	14.0918-21.5028i	0.9283-1.1008i	0.9120+0.4162i	0.9635-0.0110i	0.7361+0.2554i	0.1076-0.0264i
71.4	-1.0625-1.3106i	0.0323+0.6708i	12.4869-22.6930i	0.8738-1.1315i	0.9367+0.3358i	0.8346+0.0224i	0.7219+0.2548i	0.0709-0.0274i
71.5	-1.1948-1.2308i	0.1128+0.7076i	10.8922-24.5295i	0.8104-1.1574i	0.9820+0.2644i	0.7648-0.1056i	0.7292+0.2289i	0.0435-0.0609i
71.6	-1.2406-1.1760i	0.1976+0.7071i	9.5454-23.9170i	0.7686-1.1692i	0.9653+0.2087i	0.6717-0.1365i	0.7829+0.2241i	0.0435-0.0515i
71.7	-1.2925-1.1566i	0.2545+0.6877i	8.2136-23.4422i	0.7401-1.1897i	0.9983+0.1551i	0.6211-0.0549i	0.7867+0.2217i	0.0210-0.0152i
71.8	-1.4115-1.0571i	0.2946+0.6762i	7.3685-24.6323i	0.6919-1.2239i	1.0715+0.0826i	0.7005+0.0263i	0.8266+0.2157i	-0.0281-0.0028i
71.9	-1.4816-0.9753i	0.3542+0.6365i	6.8185-24.6463i	0.6748-1.2064i	1.0767+0.0380i	0.6280+0.0577i	0.8454+0.2065i	-0.0334-0.0015i
72.0	-1.4734-0.8269i	0.4164+0.5871i	3.7402-24.0068i	0.6005-1.1809i	0.9930-0.0484i	0.5727+0.0832i	0.8403+0.1930i	-0.0010+0.0139i
72.1	-1.5381-0.6841i	0.4860+0.5495i	1.8734-24.7036i	0.5427-1.1915i	0.9714-0.1530i	0.4308+0.0715i	0.8490+0.1740i	-0.0037+0.0488i
72.2	-1.5110-0.6118i	0.5076+0.5205i	0.6834-24.3023i	0.5160-1.1726i	0.9390-0.2272i	0.3770+0.0738i	0.8438+0.1497i	-0.0152+0.0948i
72.3	-1.5417-0.4924i	0.5438+0.4830i	-0.7643-24.2462i	0.5044-1.1704i	0.9234-0.2956i	0.1980+0.0105i	0.8380+0.0943i	-0.0191+0.1173i
72.4	-1.5633-0.3787i	0.5544+0.4407i	-1.0190-24.1977i	0.4774-1.1861i	0.9218-0.3431i	0.3054+0.2086i	0.8564+0.0947i	-0.0141+0.1241i
72.5	-1.5303-0.2647i	0.5865+0.4015i	-1.8037-24.1319i	0.4522-1.1572i	0.8861-0.4009i	0.4021+0.2662i	0.9064+0.0804i	-0.0442+0.1377i
72.6	-1.4964-0.1680i	0.6305+0.3911i	-3.2487-24.4579i	0.4035-1.1513i	0.8243-0.4829i	0.3768+0.2180i	0.9378+0.0542i	-0.0336+0.1553i
72.7	-1.4384-0.0560i	0.6364+0.3361i	-4.8005-24.1451i	0.3841-1.1329i	0.7570-0.5499i	0.3844+0.3159i	0.9327+0.0041i	-0.0144+0.2004i
72.8	-1.3655+0.1015i	0.6133+0.3134i	-5.8713-24.0567i	0.3156-1.0895i	0.7106-0.5961i	0.4696+0.3925i	0.9340-0.0254i	-0.0427+0.2136i
72.9	-1.3412+0.1318i	0.6366+0.2868i	-7.0459-24.1311i	0.3195-1.1058i	0.6417-0.5991i	0.4447+0.3565i	0.9429-0.0372i	0.0095+0.1780i
73.0	-1.2538+0.1613i	0.6482+0.2867i	-7.6533-23.4676i	0.3292-1.0848i	0.5880-0.5950i	0.4669+0.3266i	0.9668-0.0684i	0.0218+0.1658i
73.1	-1.2159+0.2246i	0.6476+0.2895i	-8.2074-23.1960i	0.3028-1.0903i	0.5435-0.6437i	0.4374+0.2768i	0.9639-0.1091i	0.0457+0.2011i
73.2	-1.1400+0.2922i	0.6178+0.2903i	-9.0279-23.3390i	0.2899-1.0943i	0.4906-0.6738i	0.3761+0.3617i	0.9174-0.1018i	0.0621+0.2249i
73.3	-1.0558+0.3301i	0.6539+0.2660i	-10.0991-23.1926i	0.2735-1.0480i	0.4182-0.7001i	0.3092+0.2127i	0.8902-0.1628i	0.0419+0.2332i
73.4	-0.9871+0.3552i	0.6929+0.2742i	-11.6058-22.8253i	0.2478-1.0270i	0.3424-0.6985i	0.2024+0.2428i	0.8807-0.1943i	0.0676+0.2106i
73.5	-0.9371+0.3491i	0.7184+0.2649i	-12.6761-22.3693i	0.2412-0.9986i	0.2864-0.6852i	0.1491+0.2587i	0.8660-0.2035i	0.0928+0.2051i
73.6	-0.8668+0.3143i	0.7411+0.2357i	-13.6103-21.1594i	0.2364-0.9749i	0.2209-0.6345i	0.1483+0.3041i	0.8336-0.1944i	0.1109+0.2053i
73.7	-0.8449+0.3261i	0.7357+0.1808i	-14.3073-20.5190i	0.2150-0.9826i	0.2141-0.6010i	0.2529+0.3972i	0.8416-0.2175i	0.0891+0.1961i
73.8	-0.8549+0.3325i	0.7419+0.1392i	-14.3100-20.1400i	0.2452-1.0019i	0.1982-0.6145i	0.1508+0.5172i	0.8180-0.2131i	0.0997+0.2126i
73.9	-0.8276+0.3559i	0.7556+0.1297i	-15.0579-20.1990i	0.2343-0.9712i	0.1678-0.6286i	0.1131+0.4627i	0.8016-0.2052i	0.0995+0.2152i
74.0	-0.7750+0.4039i	0.7464+0.1138i	-15.4355-20.1475i	0.1839-0.9268i	0.1541-0.6345i	0.2060+0.2496i	0.8011-0.2649i	0.0949+0.2201i
74.1	-0.7131+0.4515i	0.7300+0.0828i	-16.0777-20.0663i	0.1429-0.9222i	0.1028-0.6281i	0.1654+0.4345i	0.7467-0.2797i	0.1093+0.2219i
74.2	-0.6771+0.4143i	0.7456+0.0788i	-16.6867-19.2550i	0.1475-0.8788i	0.0480-0.6099i	0.0606+0.3953i	0.7320-0.2842i	0.1167+0.2230i
74.3	-0.6596+0.3936i	0.7419+0.0742i	-16.7774-18.9330i	0.1784-0.8730i	0.0562-0.6102i	-0.0695+0.3113i	0.7205-0.3071i	0.1142+0.2507i
74.4	-0.5606+0.4650i	0.7430+0.0487i	-18.0936-19.0742i	0.1902-0.8035i	0.0328-0.5971i	0.0065+0.2448i	0.6909-0.3438i	0.1026+0.2329i
74.5	-0.5486+0.4731i	0.7526+0.0420i	-18.7968-18.1386i	0.2114-0.7967i	-0.0173-0.5810i	-0.0677+0.3197i	0.6821-0.3130i	0.1208+0.2298i
74.6	-0.4645+0.4519i	0.7335+0.0107i	-19.7516-17.3484i	0.2078-0.7743i	-0.0495-0.5257i	-0.0424+0.4080i	0.6609-0.2867i	0.1278+0.2044i
74.7	-0.4322+0.4286i	0.7362-0.0047i	-19.9028-17.0763i	0.2480-0.7833i	-0.0635-0.5186i	-0.1507+0.5178i	0.6211-0.2789i	0.1334+0.2009i
74.8	-0.4376+0.4381i	0.7349-0.0076i	-19.5895-17.2864i	0.2014-0.7921i	-0.0985-0.5346i	-0.0089+0.5426i	0.6541-0.2864i	0.1727+0.2109i
74.9	-0.3855+0.4075i	0.7108-0.0244i	-20.3509-16.2449i	0.1993-0.7469i	-0.1083-0.4937i	-0.0407+0.5611i	0.6485-0.2881i	0.1654+0.2169i

75.0	-0.3569+0.4154i	0.7088-0.0412i	-20.3186-15.9179i	0.2310-0.7610i	-0.0929-0.4694i	-0.0227+0.5516i	0.6557-0.3212i	0.1417+0.2062i
75.1	-0.3267+0.4060i	0.6825-0.0305i	-20.5045-15.4078i	0.2760-0.7629i	-0.0921-0.4453i	-0.1645+0.6241i	0.6019-0.3090i	0.1268+0.2047i
75.2	-0.2920+0.3945i	0.6836-0.0577i	-21.1999-15.0724i	0.2553-0.7708i	-0.1195-0.4250i	-0.0904+0.7383i	0.6095-0.3222i	0.1460+0.1919i
75.3	-0.2921+0.3855i	0.6823-0.0804i	-21.5257-14.1155i	0.2842-0.8023i	-0.1519-0.4090i	-0.1521+0.9076i	0.6020-0.2823i	0.1523+0.1979i
75.4	-0.2414+0.3419i	0.6680-0.0642i	-22.1273-13.8267i	0.2936-0.7418i	-0.1287-0.3908i	-0.1402+0.6775i	0.5942-0.2821i	0.1383+0.1945i
75.5	-0.2385+0.3230i	0.6636-0.0512i	-22.2336-13.8142i	0.2969-0.7843i	-0.1418-0.3827i	-0.1595+0.8901i	0.5823-0.2576i	0.1574+0.2090i
75.6	-0.2473+0.3064i	0.6819-0.0498i	-22.1062-13.3737i	0.3434-0.7585i	-0.1204-0.3771i	-0.3601+0.8274i	0.5605-0.2952i	0.1237+0.2017i
75.7	-0.2120+0.2993i	0.6842-0.0748i	-22.0520-13.0954i	0.3387-0.7468i	-0.1117-0.3618i	-0.2170+0.7729i	0.5599-0.3301i	0.1225+0.1930i
75.8	-0.1921+0.3113i	0.6641-0.1260i	-22.2504-12.9448i	0.2941-0.7774i	-0.1283-0.3418i	-0.0986+0.9276i	0.5852-0.3244i	0.1298+0.1951i
75.9	-0.1520+0.2864i	0.6414-0.1398i	-22.9313-12.3240i	0.3277-0.8197i	-0.1661-0.2976i	-0.1809+1.2035i	0.5757-0.2996i	0.1332+0.1888i
76.0	-0.1248+0.3141i	0.6401-0.1163i	-23.0060-12.1662i	0.3389-0.8164i	-0.1706-0.2999i	-0.2803+1.2210i	0.5097-0.3143i	0.1139+0.1723i
76.1	-0.1232+0.3102i	0.6198-0.1197i	-23.0941-12.2879i	0.2646-0.8428i	-0.1795-0.2876i	-0.1113+1.3393i	0.5026-0.3307i	0.1409+0.1552i
76.2	-0.1316+0.2977i	0.6215-0.1561i	-23.6903-11.9969i	0.2941-0.8392i	-0.1837-0.2834i	-0.1004+1.3889i	0.5081-0.3153i	0.1559+0.1757i
76.3	-0.1206+0.2783i	0.6059-0.1281i	-23.9233-11.1692i	0.3082-0.8357i	-0.1526-0.3032i	-0.0922+1.3263i	0.4774-0.3006i	0.1277+0.1993i
76.4	-0.1278+0.2948i	0.6141-0.1108i	-24.2732-11.0444i	0.2913-0.8522i	-0.1624-0.3241i	-0.0540+1.3974i	0.4775-0.3144i	0.1327+0.1886i
76.5	-0.0733+0.2916i	0.5970-0.1311i	-24.4282-10.8901i	0.3151-0.8662i	-0.1657-0.2888i	-0.0282+1.5367i	0.4960-0.3345i	0.1268+0.1687i
76.6	-0.0428+0.2610i	0.5833-0.1304i	-24.2006-10.6655i	0.3176-0.9006i	-0.1657-0.2918i	-0.0399+1.7167i	0.4852-0.3599i	0.1343+0.1860i
76.7	-0.0566+0.2399i	0.5734-0.0842i	-24.2258-10.3088i	0.3136-0.9176i	-0.1647-0.3130i	-0.0680+1.8671i	0.4655-0.3054i	0.1295+0.2086i
76.8	-0.0411+0.2312i	0.5470-0.0601i	-24.5630-9.5975i	0.2489-0.8852i	-0.1513-0.2837i	0.1999+1.8695i	0.4238-0.2442i	0.1214+0.1987i
76.9	-0.0119+0.2245i	0.5511-0.0841i	-24.5599-9.2876i	0.2201-0.8930i	-0.1592-0.2552i	0.4583+1.9650i	0.4191-0.2574i	0.1204+0.1816i
77.0	0.0199+0.1764i	0.5486-0.0622i	-24.6617-9.3865i	0.2280-0.8575i	-0.1415-0.2577i	0.4908+1.6824i	0.4110-0.2970i	0.0951+0.1754i
77.1	0.0137+0.1648i	0.5215-0.0305i	-24.7285-9.0876i	0.1201-0.8853i	-0.1675-0.2483i	0.7839+1.7025i	0.4098-0.2580i	0.1373+0.1732i
77.2	0.0153+0.1537i	0.5278-0.0268i	-24.8751-8.5782i	0.1553-0.8356i	-0.1462-0.2349i	0.6841+1.6994i	0.3938-0.2278i	0.0970+0.1808i
77.3	0.0058+0.1501i	0.5494-0.0167i	-24.6530-8.1360i	0.1771-0.8294i	-0.1463-0.2458i	0.6021+1.7640i	0.4001-0.2128i	0.0951+0.2019i
77.4	0.0472+0.1393i	0.5629-0.0453i	-24.9429-8.5353i	0.2269-0.8603i	-0.1756-0.2567i	0.4849+1.8190i	0.3890-0.2504i	0.0960+0.2171i
77.5	0.0979+0.1267i	0.5649-0.0472i	-25.1120-8.1663i	0.1664-0.8369i	-0.1636-0.2408i	0.9610+1.7156i	0.3844-0.2407i	0.0931+0.2026i
77.6	0.1219+0.0924i	0.5825-0.0222i	-24.8353-7.6722i	0.1673-0.7892i	-0.1398-0.2350i	1.1111+1.5256i	0.3960-0.2594i	0.0780+0.1977i
77.7	0.1004+0.0669i	0.6039-0.0076i	-24.9149-7.5818i	0.1406-0.8226i	-0.1562-0.2493i	1.1519+1.6665i	0.3621-0.2110i	0.0837+0.2360i
77.8	0.0937+0.0591i	0.6258-0.0272i	-25.0780-7.5802i	0.1003-0.8555i	-0.1847-0.2619i	1.3557+1.6600i	0.3801-0.1870i	0.1189+0.2491i
77.9	0.1024+0.0541i	0.6477-0.0224i	-24.9872-7.4492i	0.1132-0.8375i	-0.1887-0.2767i	1.4204+1.5099i	0.3855-0.1888i	0.1116+0.2486i
78.0	0.0691+0.0464i	0.6625-0.0173i	-25.1507-7.2130i	0.1070-0.8924i	-0.2067-0.3011i	1.3130+1.7188i	0.3478-0.2080i	0.1249+0.2706i
78.1	0.1682+0.0231i	0.6449-0.0223i	-25.0874-6.7238i	0.1708-0.8963i	-0.2058-0.2870i	1.4816+1.8969i	0.3226-0.1395i	0.1123+0.3172i
78.2	0.1972+0.0073i	0.6367-0.0079i	-25.0526-6.4102i	0.1842-0.7760i	-0.2137-0.2600i	1.5640+1.6103i	0.4062-0.0460i	0.1248+0.3158i
78.3	0.2123-0.0401i	0.6716+0.0160i	-25.3139-6.4447i	0.2339-0.7614i	-0.1921-0.2480i	1.6136+1.4699i	0.4535-0.0778i	0.1076+0.3002i
78.4	0.2193-0.0502i	0.6939-0.0150i	-25.5276-6.3236i	0.2016-0.8021i	-0.2037-0.2410i	1.8988+1.3852i	0.4645-0.0906i	0.1304+0.2966i
78.5	0.1976-0.1015i	0.7118-0.0514i	-25.4054-6.5927i	0.1528-0.8319i	-0.2112-0.2378i	1.9711+1.2689i	0.4489-0.1204i	0.1528+0.3090i
78.6	0.1574-0.1506i	0.6816-0.0238i	-25.3616-6.5343i	0.1346-0.8312i	-0.2316-0.2529i	1.8787+1.1345i	0.4654-0.1037i	0.1844+0.3149i
78.7	0.1720-0.1536i	0.6636-0.0294i	-25.9578-6.1096i	0.1820-0.8635i	-0.2265-0.2834i	1.8586+1.2087i	0.4174-0.1008i	0.1603+0.3389i
78.8	0.1440-0.2187i	0.6983-0.0514i	-25.6835-5.9153i	0.1694-0.9427i	-0.2261-0.3054i	2.0698+1.2030i	0.4348-0.1233i	0.1802+0.3690i
78.9	0.1131-0.3195i	0.7059-0.1116i	-25.2273-5.1734i	-0.0106-0.9846i	-0.2963-0.2517i	2.6010+0.9110i	0.4189-0.1055i	0.2405+0.3490i
79.0	0.0333-0.3472i	0.6435-0.1937i	-24.6870-5.1036i	-0.2244-0.9034i	-0.3386-0.1858i	2.5739+0.3315i	0.3404-0.1497i	0.2944+0.2991i
79.1	-0.0016-0.2768i	0.5836-0.1490i	-25.0428-5.5923i	-0.1152-0.7515i	-0.2761-0.1879i	2.0130+0.1909i	0.3317-0.1497i	0.2448+0.2768i
79.2	-0.0017-0.2872i	0.5809-0.0849i	-24.8548-5.7267i	-0.0581-0.7275i	-0.2639-0.2088i	1.9294+0.2246i	0.3421-0.0743i	0.2439+0.3076i
79.3	-0.0113-0.3061i	0.5969-0.0600i	-25.1723-5.9199i	-0.0741-0.6667i	-0.2768-0.1678i	2.0052+0.0294i	0.3939-0.0662i	0.2579+0.2631i
79.4	-0.0382-0.3220i	0.6150-0.0632i	-25.2794-5.4469i	-0.0600-0.6730i	-0.2819-0.1649i	1.8818+0.0968i	0.3830-0.0712i	0.2634+0.2600i
79.5	-0.0904-0.3265i	0.5999-0.0727i	-25.0370-5.2594i	-0.0715-0.6492i	-0.2579-0.1663i	1.7790+0.0381i	0.3825-0.0570i	0.2636+0.2711i
79.6	-0.1122-0.3267i	0.6058-0.0608i	-25.1818-5.4219i	-0.0404-0.6149i	-0.2415-0.1337i	1.7506-0.1701i	0.4212-0.0531i	0.2472+0.2419i
79.7	-0.1453-0.2898i	0.5999-0.0567i	-25.3936-5.4057i	-0.0564-0.6039i	-0.2448-0.1415i	1.6970-0.1651i	0.3877-0.0566i	0.2575+0.2491i
79.8	-0.1677-0.2855i	0.6261-0.0561i	-25.4539-5.6072i	-0.0372-0.6176i	-0.2469-0.1785i	1.6503-0.0703i	0.3926-0.0564i	0.2892+0.2560i
79.9	-0.1281-0.2540i	0.6471-0.0462i	-25.2064-5.6890i	0.0108-0.5756i	-0.2742-0.1739i	1.8633-0.1069i	0.4558-0.0078i	0.3039+0.2526i
80.0	-0.1465-0.2963i	0.6517-0.0360i	-25.1685-5.5071i	0.0017-0.5810i	-0.2696-0.1731i	1.8139-0.1784i	0.4495-0.0066i	0.3063+0.2507i

2.1.88 Run 8 – VT315 – Accels 25–32

Vertical shaking at 315°. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	--	6.0261+0.0000i	5.8135+0.0000i	4.7476+0.0000i	2.9158+0.0000i	8.2741+0.0000i	6.0351+0.0000i	-4.7360+0.0000i
0.1	--	0.9682-0.0061i	0.8214-0.1294i	0.8632+0.0299i	1.2609+0.3692i	2.4896+0.7705i	1.3488+0.1851i	-0.6013-0.4094i
0.2	--	0.0093+0.0106i	-0.0326-0.0477i	-0.0015+0.0122i	0.1105+0.1253i	0.2405+0.1556i	0.1233+0.1567i	0.0390-0.0165i
0.3	--	0.0042+0.0018i	-0.0327-0.0153i	0.0122+0.0305i	0.0784-0.0155i	0.2608-0.1142i	-0.0141-0.0140i	-0.0006-0.0344i
0.4	--	-0.0023-0.0052i	-0.0029-0.0149i	-0.0006+0.0158i	0.0025-0.0152i	-0.0023+0.0135i	-0.0098-0.0035i	0.0273+0.0420i
0.5	--	-0.0021-0.0019i	0.0001-0.0025i	-0.0021+0.0046i	0.0262-0.0095i	0.0022+0.0271i	0.0167+0.0050i	0.0079+0.0007i
0.6	--	-0.0024+0.0015i	0.0008-0.0000i	-0.0035+0.0012i	0.0047-0.0028i	-0.0044+0.0039i	0.0108+0.0220i	-0.0066+0.0031i
0.7	--	-0.0030+0.0010i	0.0001+0.0016i	-0.0065+0.0047i	0.0069+0.0119i	0.0049-0.0002i	0.0023+0.0144i	-0.0014+0.0027i
0.8	--	-0.0015-0.0009i	-0.0005+0.0016i	-0.0008-0.0023i	0.0120+0.0109i	0.0080-0.0035i	-0.0038+0.0124i	-0.0034-0.0008i
0.9	--	-0.0021+0.0002i	-0.0006+0.0010i	0.0054-0.0051i	0.0034+0.0035i	0.0012-0.0046i	-0.0009+0.0038i	-0.0002+0.0034i
1.0	--	-0.0032+0.0014i	-0.0012+0.0025i	-0.0006-0.0008i	0.0017+0.0017i	-0.0019+0.0008i	0.0068-0.0029i	0.0022+0.0024i
1.1	--	0.0000+0.0012i	0.0001+0.0040i	-0.0031-0.0016i	0.0003+0.0052i	0.0018+0.0009i	0.0053-0.0014i	0.0025+0.0007i
1.2	--	0.0018+0.0004i	0.0015+0.0042i	-0.0085+0.0007i	0.0026+0.0039i	0.0028-0.0016i	0.0039+0.0041i	0.0025+0.0003i
1.3	--	-0.0034+0.0014i	0.0005+0.0002i	0.0028+0.0006i	0.0041-0.0001i	0.0004-0.0004i	-0.0006-0.0032i	0.0038-0.0013i
1.4	--	-0.0038-0.0005i	-0.0036+0.0005i	0.0018-0.0023i	0.0041-0.0003i	-0.0024-0.0006i	0.0000-0.0019i	-0.0001+0.0016i
1.5	--	-0.0035+0.0003i	-0.0146+0.0093i	0.0027-0.0001i	-0.0022+0.0006i	-0.0051-0.0012i	0.0024+0.0021i	0.0010+0.0013i
1.6	--	-0.0035-0.0001i	0.0008+0.0520i	-0.0007+0.0086i	-0.0020-0.0015i	-0.0048-0.0022i	0.0005+0.0011i	0.0016+0.0006i
1.7	--	-0.0017+0.0008i	0.0542+0.0447i	-0.0097-0.0050i	-0.0001-0.0016i	-0.0031+0.0003i	-0.0014-0.0009i	0.0021-0.0017i
1.8	--	-0.0016+0.0007i	0.0411-0.0036i	-0.0078-0.0052i	-0.0009-0.0019i	-0.0025+0.0011i	-0.0031-0.0039i	0.0079-0.0026i
1.9	--	-0.0039+0.0003i	0.0360-0.0055i	-0.0054-0.0036i	-0.0032-0.0020i	-0.0050+0.0019i	-0.0036-0.0016i	0.0093-0.0046i
2.0	--	-0.0037+0.0012i	0.0349-0.0203i	-0.0038-0.0098i	-0.0039+0.0034i	-0.0066+0.0096i	0.0014+0.0004i	0.0095-0.0136i
2.1	--	-0.0129-0.0048i	0.0047-0.0475i	-0.0142-0.0041i	-0.0010+0.0026i	0.0260+0.0258i	0.0036+0.0043i	-0.0286-0.0309i
2.2	--	-0.0210+0.0074i	-0.0246-0.0279i	-0.0083+0.0032i	0.0031-0.0041i	0.0418-0.0261i	0.0061-0.0005i	-0.0497+0.0299i
2.3	--	-0.0178+0.0091i	-0.0189-0.0094i	-0.0064+0.0010i	-0.0051-0.0091i	-0.0016-0.0382i	0.0038-0.0042i	0.0009+0.0456i
2.4	--	-0.0201+0.0178i	-0.0046-0.0094i	-0.0188-0.0011i	-0.0012-0.0004i	-0.0054-0.0067i	0.0036-0.0034i	0.0086+0.0112i
2.5	--	0.0117+0.0101i	-0.0064-0.0077i	-0.0149-0.0073i	0.0041+0.0021i	-0.0016-0.0038i	0.0004-0.0025i	0.0028+0.0080i
2.6	--	0.0120+0.0105i	-0.0087-0.0105i	-0.0110-0.0047i	0.0005-0.0015i	-0.0033-0.0042i	-0.0008-0.0024i	0.0046+0.0094i
2.7	--	0.0126+0.0043i	-0.0104-0.0084i	-0.0169-0.0035i	0.0005-0.0026i	-0.0065-0.0029i	-0.0009-0.0001i	0.0070+0.0042i
2.8	--	0.0095+0.0043i	-0.0090-0.0052i	-0.0188-0.0048i	-0.0015-0.0026i	-0.0039-0.0029i	0.0009+0.0010i	0.0044+0.0012i
2.9	--	0.0044+0.0036i	-0.0094-0.0031i	-0.0100+0.0036i	-0.0017-0.0009i	-0.0019-0.0020i	0.0008+0.0003i	0.0049+0.0009i
3.0	--	0.0019+0.0023i	-0.0080-0.0035i	-0.0121+0.0046i	-0.0017+0.0002i	-0.0034-0.0010i	0.0007+0.0002i	0.0038+0.0002i
3.1	--	0.0023+0.0047i	-0.0054-0.0015i	-0.0208-0.0089i	-0.0021-0.0012i	-0.0057-0.0001i	0.0001-0.0014i	0.0045+0.0009i
3.2	--	0.0027+0.0039i	-0.0039-0.0011i	-0.0230-0.0123i	-0.0012-0.0016i	-0.0049+0.0008i	0.0021-0.0017i	0.0076+0.0021i
3.3	--	-0.0006+0.0031i	-0.0043+0.0010i	-0.0154-0.0160i	-0.0021+0.0021i	-0.0042+0.0000i	0.0004+0.0002i	0.0050+0.0017i
3.4	--	0.0008+0.0039i	-0.0040-0.0063i	-0.0125-0.0007i	-0.0033+0.0059i	-0.0024-0.0013i	-0.0009+0.0003i	0.0023+0.0002i
3.5	--	0.0027+0.0049i	-0.0052-0.0128i	-0.0216+0.0060i	0.0017+0.0094i	-0.0020+0.0023i	-0.0013+0.0008i	0.0059-0.0030i
3.6	--	-0.0011+0.0062i	-0.0112-0.0057i	-0.0066-0.0080i	0.0046-0.0010i	-0.0015+0.0029i	-0.0032+0.0021i	-0.0005-0.0067i
3.7	--	0.0032+0.0025i	-0.0032+0.0088i	0.0021-0.0045i	-0.0133-0.0049i	0.0102-0.0006i	0.0044+0.0056i	-0.0062-0.0053i
3.8	--	0.0014-0.0012i	0.0001+0.0002i	-0.0224+0.0030i	-0.0095-0.0028i	0.0038-0.0001i	0.0080+0.0028i	-0.0065+0.0005i
3.9	--	0.0014-0.0018i	-0.0008-0.0007i	-0.0260+0.0048i	-0.0085-0.0001i	0.0015+0.0018i	0.0077+0.0013i	-0.0062-0.0004i
4.0	--	0.0009-0.0007i	-0.0017+0.0000i	-0.0266+0.0024i	-0.0076+0.0022i	0.0044+0.0003i	0.0070+0.0008i	-0.0082+0.0002i
4.1	--	-0.0004-0.0002i	-0.0031+0.0009i	-0.0243-0.0022i	-0.0080+0.0016i	0.0072-0.0024i	0.0069-0.0000i	-0.0100+0.0026i
4.2	--	-0.0007+0.0006i	-0.0032+0.0014i	-0.0256-0.0118i	-0.0093+0.0027i	0.0058-0.0047i	0.0068-0.0005i	-0.0098+0.0030i
4.3	--	-0.0000+0.0003i	-0.0028+0.0016i	-0.0345-0.0118i	-0.0103+0.0069i	0.0077-0.0060i	0.0065-0.0010i	-0.0114+0.0060i
4.4	--	-0.0007-0.0007i	-0.0014+0.0025i	-0.0411-0.0065i	-0.0067+0.0111i	0.0099-0.0122i	0.0064-0.0034i	-0.0120+0.0144i
4.5	--	-0.0042-0.0008i	-0.0006+0.0053i	-0.0457-0.0083i	0.0003+0.0120i	0.0089-0.0173i	0.0021-0.0022i	-0.0114+0.0194i
4.6	--	-0.0057-0.0003i	-0.0037+0.0089i	-0.0418-0.0104i	0.0092+0.0104i	0.0115-0.0327i	-0.0041+0.0004i	-0.0162+0.0306i
4.7	--	-0.0046+0.0075i	0.0029+0.0129i	-0.0542-0.0168i	0.0079-0.0073i	-0.0109-0.0671i	-0.0010+0.0167i	0.0052+0.0611i
4.8	--	0.0115+0.0047i	0.0190+0.0043i	-0.0462+0.0023i	-0.0282-0.0093i	-0.1013-0.0487i	0.0500+0.0113i	0.0904+0.0469i
4.9	--	0.0083-0.0053i	0.0187-0.0047i	-0.0358+0.0100i	-0.0249+0.0071i	-0.1253+0.0131i	0.0474-0.0180i	0.1125-0.0129i
5.0	--	-0.0025+0.0030i	0.0028-0.0093i	-0.0553-0.0049i	0.0011-0.0168i	-0.0083+0.0621i	0.0083+0.0013i	-0.0013-0.0658i
5.1	--	0.0053+0.0069i	0.0031-0.0073i	-0.0715-0.0186i	-0.0162-0.0193i	-0.0017+0.0501i	0.0288+0.0055i	-0.0105-0.0520i
5.2	--	0.0194-0.0042i	-0.0003-0.0057i	-0.0887-0.0274i	-0.0524+0.0041i	0.0103+0.0524i	0.0598-0.0324i	-0.0264-0.0482i
5.3	--	0.0179-0.0202i	-0.0031-0.0009i	-0.0997-0.0175i	-0.0586+0.0456i	0.0162+0.0385i	0.0430-0.0785i	-0.0325-0.0287i
5.4	--	-0.0235-0.0254i	-0.0033+0.0011i	-0.0648-0.0000i	0.0346+0.0784i	0.0110+0.0330i	-0.0719-0.0948i	-0.0145-0.0276i
5.5	--	-0.0352+0.0022i	-0.0144-0.0003i	-0.0408+0.0069i	0.1026-0.0073i	0.0868+0.0172i	-0.1334+0.0275i	-0.0825-0.0255i
5.6	--	-0.0181+0.0138i	-0.0091+0.0145i	-0.0857+0.0033i	0.0684-0.0472i	0.1061-0.0671i	-0.0849+0.0813i	-0.1077+0.0596i

5.7	--	-0.0063+0.0130i	0.0051+0.0187i	-0.1031-0.0047i	0.0461-0.0498i	0.0247-0.1054i	-0.0399+0.0794i	-0.0302+0.0955i
5.8	--	-0.0014+0.0125i	0.0117+0.0126i	-0.1021-0.0019i	0.0452-0.0600i	-0.0323-0.0881i	-0.0281+0.0819i	0.0271+0.0757i
5.9	--	0.0082+0.0149i	0.0196+0.0074i	-0.1060-0.0004i	0.0206-0.0787i	-0.0927-0.0677i	0.0102+0.0923i	0.0831+0.0547i
6.0	--	0.0151+0.0121i	0.0184-0.0030i	-0.1118-0.0041i	0.0035-0.0714i	-0.1036+0.0084i	0.0241+0.0654i	0.0901-0.0181i
6.1	--	0.0184+0.0108i	0.0103-0.0092i	-0.1217-0.0049i	0.0067-0.0787i	-0.0606+0.0646i	0.0043+0.0624i	0.0471-0.0748i
6.2	--	0.0281+0.0124i	0.0051-0.0099i	-0.1403-0.0047i	-0.0114-0.0998i	-0.0149+0.0718i	0.0154+0.0887i	-0.0023-0.0848i
6.3	--	0.0411+0.0112i	0.0016-0.0062i	-0.1564+0.0016i	-0.0385-0.1058i	0.0149+0.0491i	0.0406+0.1039i	-0.0393-0.0632i
6.4	--	0.0550+0.0103i	0.0009-0.0030i	-0.1695+0.0051i	-0.0595-0.1097i	0.0266+0.0346i	0.0703+0.1161i	-0.0576-0.0493i
6.5	--	0.0734+0.0038i	0.0010-0.0028i	-0.1821+0.0132i	-0.0879-0.1021i	0.0330+0.0240i	0.1107+0.1049i	-0.0719-0.0358i
6.6	--	0.0954-0.0022i	0.0002-0.0029i	-0.1951+0.0236i	-0.1049-0.0978i	0.0420+0.0070i	0.1352+0.0914i	-0.0880-0.0169i
6.7	--	0.1263-0.0101i	-0.0004-0.0018i	-0.2033+0.0207i	-0.1269-0.1047i	0.0415-0.0134i	0.1655+0.0844i	-0.0967+0.0069i
6.8	--	0.1675-0.0313i	-0.0034-0.0024i	-0.2221+0.0275i	-0.1600-0.1037i	0.0327-0.0296i	0.1980+0.0684i	-0.1003+0.0270i
6.9	--	0.2342-0.0897i	-0.0095-0.0017i	-0.2426+0.0501i	-0.2111-0.1030i	0.0255-0.0300i	0.2408+0.0511i	-0.1090+0.0379i
7.0	--	0.3281-0.1967i	-0.0206+0.0054i	-0.2600+0.0673i	-0.3080-0.1028i	0.0333-0.0346i	0.3250+0.0321i	-0.1439+0.0633i
7.1	--	0.3602-0.4325i	-0.0277+0.0235i	-0.2645+0.1131i	-0.4502+0.0010i	0.0675-0.0768i	0.4536-0.0943i	-0.2005+0.1588i
7.2	--	0.0876-0.6489i	-0.0040+0.0430i	-0.2163+0.1290i	-0.3766+0.2509i	-0.0427-0.2009i	0.3234-0.3900i	-0.0282+0.3519i
7.3	--	-0.2498-0.6630i	0.0166+0.0476i	-0.1747+0.0760i	-0.2146+0.3519i	-0.3064-0.0839i	-0.0070-0.4226i	0.3278+0.2374i
7.4	--	-0.4604-0.5272i	0.0352+0.0468i	-0.2150+0.0126i	-0.1157+0.3607i	-0.2792+0.1620i	-0.1030-0.2552i	0.3378-0.0511i
7.5	--	-0.4788-0.3040i	0.0469+0.0279i	-0.2805+0.0104i	-0.0383+0.3130i	-0.0826+0.1727i	-0.0309-0.1790i	0.1322-0.1031i
7.6	--	-0.4176-0.1956i	0.0462+0.0140i	-0.3258+0.0271i	-0.0128+0.2706i	-0.0260+0.1131i	-0.0007-0.1796i	0.0624-0.0584i
7.7	--	-0.3736-0.1559i	0.0428+0.0076i	-0.3582+0.0282i	-0.0110+0.2507i	-0.0241+0.0944i	0.0058-0.1817i	0.0512-0.0447i
7.8	--	-0.3544-0.1483i	0.0407+0.0057i	-0.4093+0.0114i	-0.0049+0.2505i	-0.0068+0.0927i	0.0137-0.1914i	0.0278-0.0447i
7.9	--	-0.3717-0.1551i	0.0411+0.0014i	-0.4973+0.0156i	0.0174+0.2715i	0.0230+0.0932i	0.0060-0.2219i	-0.0045-0.0413i
8.0	--	-0.3920-0.1304i	0.0413-0.0011i	-0.5573+0.0541i	0.0356+0.2766i	0.0315+0.0580i	-0.0129-0.2376i	-0.0115-0.0052i
8.1	--	-0.4058-0.1163i	0.0410-0.0051i	-0.6237+0.0922i	0.0641+0.2981i	0.0136+0.0562i	-0.0399-0.2634i	0.0078-0.0002i
8.2	--	-0.4318-0.1030i	0.0400-0.0091i	-0.6862+0.1351i	0.1184+0.3085i	0.0336+0.0673i	-0.0826-0.2786i	-0.0079-0.0107i
8.3	--	-0.4560-0.0809i	0.0391-0.0121i	-0.7607+0.1789i	0.1674+0.3027i	0.0516+0.0525i	-0.1259-0.2832i	-0.0212+0.0030i
8.4	--	-0.4798-0.0543i	0.0367-0.0132i	-0.8312+0.2405i	0.2124+0.2806i	0.0552+0.0318i	-0.1719-0.2741i	-0.0207+0.0211i
8.5	--	-0.5142-0.0282i	0.0328-0.0144i	-0.9096+0.3064i	0.2708+0.2537i	0.0564+0.0092i	-0.2325-0.2570i	-0.0159+0.0416i
8.6	--	-0.5506+0.0012i	0.0305-0.0163i	-1.0021+0.3909i	0.3135+0.2184i	0.0405-0.0013i	-0.2784-0.2301i	0.0037+0.0486i
8.7	--	-0.5976+0.0396i	0.0277-0.0205i	-1.1322+0.5321i	0.3620+0.1717i	0.0237-0.0008i	-0.3341-0.1929i	0.0239+0.0440i
8.8	--	-0.6416+0.0985i	0.0257-0.0200i	-1.2473+0.6989i	0.3963+0.1093i	0.0200+0.0066i	-0.3788-0.1402i	0.0301+0.0292i
8.9	--	-0.7016+0.1737i	0.0170-0.0163i	-1.3832+0.9045i	0.4122+0.0420i	0.0349+0.0102i	-0.4221-0.0757i	0.0145+0.0173i
9.0	--	-0.7331+0.3044i	0.0102-0.0054i	-1.4278+1.2896i	0.4179-0.0315i	0.0380-0.0213i	-0.4349+0.0347i	0.0112+0.0451i
9.1	--	-0.7136+0.4152i	0.0212+0.0035i	-1.3647+1.5949i	0.4088-0.0997i	-0.0044-0.0388i	-0.3868+0.1188i	0.0499+0.0579i
9.2	--	-0.8376+0.6170i	0.0273+0.0020i	-1.7071+2.2207i	0.4598-0.1994i	-0.0132-0.0145i	-0.4284+0.1874i	0.0568+0.0322i
9.3	--	-0.8641+0.9082i	0.0290+0.0029i	-1.7206+3.1144i	0.4717-0.3350i	-0.0101-0.0105i	-0.4529+0.3093i	0.0534+0.0283i
9.4	--	-0.4682+1.2769i	0.0332+0.0007i	-0.3845+4.1433i	0.2990-0.5110i	-0.0130-0.0031i	-0.2942+0.4855i	0.0588+0.0173i
9.5	--	0.1042+1.2525i	0.0368-0.0063i	1.3939+3.8836i	0.0361-0.5239i	-0.0074-0.0064i	-0.0398+0.5046i	0.0505+0.0139i
9.6	--	0.4734+0.9638i	0.0385-0.0145i	2.4432+2.8867i	-0.1426-0.4140i	-0.0158-0.0057i	0.1343+0.4011i	0.0555+0.0103i
9.7	--	0.4826+0.6952i	0.0332-0.0163i	2.4042+2.0370i	-0.1627-0.2956i	-0.0183+0.0012i	0.1547+0.2882i	0.0558+0.0033i
9.8	--	0.4291+0.4743i	0.0285-0.0184i	2.1605+1.3574i	-0.1473-0.1937i	-0.0191+0.0061i	0.1417+0.1873i	0.0538+0.0006i
9.9	--	0.3925+0.3532i	0.0209-0.0194i	2.0197+0.9971i	-0.1343-0.1443i	-0.0214+0.0097i	0.1283+0.1355i	0.0545-0.0052i
10.0	--	0.3419+0.2707i	0.0163-0.0157i	1.8204+0.7514i	-0.1139-0.1111i	-0.0221+0.0161i	0.1052+0.1060i	0.0538-0.0095i
10.1	--	0.2851+0.2092i	0.0138-0.0108i	1.6242+0.5772i	-0.0940-0.0924i	-0.0184+0.0218i	0.0843+0.0930i	0.0505-0.0163i
10.2	--	0.2368+0.1839i	0.0159-0.0058i	1.4639+0.5349i	-0.0799-0.0900i	-0.0128+0.0258i	0.0732+0.0942i	0.0421-0.0245i
10.3	--	0.2040+0.1716i	0.0177+0.0001i	1.3595+0.5234i	-0.0713-0.0910i	-0.0037+0.0304i	0.0695+0.1034i	0.0297-0.0302i
10.4	--	0.1895+0.1647i	0.0225+0.0011i	1.3315+0.5180i	-0.0756-0.0934i	0.0028+0.0245i	0.0822+0.1098i	0.0225-0.0228i
10.5	--	0.1850+0.1484i	0.0218-0.0003i	1.3459+0.4806i	-0.0890-0.0876i	-0.0012+0.0184i	0.1037+0.1032i	0.0252-0.0163i
10.6	--	0.1760+0.1266i	0.0182+0.0028i	1.3538+0.4078i	-0.0960-0.0773i	-0.0024+0.0184i	0.1175+0.0869i	0.0246-0.0161i
10.7	--	0.1608+0.1025i	0.0179+0.0073i	1.3305+0.3186i	-0.1010-0.0640i	-0.0001+0.0159i	0.1250+0.0657i	0.0207-0.0120i
10.8	--	0.1405+0.0832i	0.0200+0.0150i	1.2798+0.2405i	-0.1020-0.0506i	-0.0002+0.0119i	0.1243+0.0471i	0.0209-0.0079i
10.9	--	0.1215+0.0725i	0.0230+0.0194i	1.2209+0.1882i	-0.0980-0.0394i	-0.0041+0.0119i	0.1207+0.0334i	0.0221-0.0069i
11.0	--	0.1019+0.0605i	0.0245+0.0186i	1.1677+0.1696i	-0.0891-0.0333i	-0.0064+0.0131i	0.1196+0.0235i	0.0239-0.0068i
11.1	--	0.0880+0.0544i	0.0283+0.0247i	1.1194+0.1663i	-0.0819-0.0331i	-0.0051+0.0100i	0.1141+0.0115i	0.0238-0.0039i
11.2	--	0.0747+0.0514i	0.0313+0.0313i	1.0901+0.1566i	-0.0831-0.0359i	-0.0054+0.0089i	0.1084+0.0011i	0.0244-0.0022i
11.3	--	0.0596+0.0477i	0.0336+0.0354i	1.0773+0.1378i	-0.0849-0.0381i	-0.0088+0.0083i	0.1043-0.0049i	0.0266-0.0013i
11.4	--	0.0460+0.0427i	0.0437+0.0425i	1.0535+0.1326i	-0.0948-0.0446i	-0.0130+0.0060i	0.0940-0.0124i	0.0297-0.0015i
11.5	--	0.0358+0.0395i	0.0492+0.0435i	1.0279+0.1302i	-0.1013-0.0432i	-0.0148+0.0065i	0.0914-0.0149i	0.0313-0.0023i
11.6	--	0.0215+0.0364i	0.0524+0.0442i	1.0186+0.1148i	-0.1119-0.0314i	-0.0181+0.0080i	0.0880-0.0140i	0.0333-0.0012i
11.7	--	0.0109+0.0389i	0.0531+0.0428i	1.0129+0.1038i	-0.1152-0.0189i	-0.0225+0.0094i	0.0858-0.0091i	0.0378-0.0007i
11.8	--	-0.0032+0.0398i	0.0533+0.0477i	1.0086+0.1081i	-0.1188-0.0131i	-0.0258+0.0107i	0.0860-0.0100i	0.0384-0.0029i
11.9	--	-0.0142+0.0375i	0.0479+0.0539i	1.0100+0.1005i	-0.1202-0.0077i	-0.0292+0.0128i	0.0885-0.0130i	0.0424-0.0061i

12.0	--	-0.0284+0.0374i	0.0447+0.0618i	1.0105+0.1019i	-0.1261-0.0034i	-0.0326+0.0132i	0.0878-0.0150i	0.0454-0.0072i
12.1	--	-0.0374+0.0367i	0.0404+0.0709i	1.0027+0.1190i	-0.1332+0.0048i	-0.0368+0.0135i	0.0880-0.0128i	0.0477-0.0069i
12.2	--	-0.0481+0.0396i	0.0338+0.0911i	1.0101+0.1260i	-0.1369+0.0190i	-0.0432+0.0176i	0.0919-0.0101i	0.0518-0.0109i
12.3	--	-0.0571+0.0428i	0.0332+0.1153i	1.0157+0.1463i	-0.1385+0.0306i	-0.0476+0.0227i	0.0918-0.0082i	0.0552-0.0143i
12.4	--	-0.0691+0.0460i	0.0402+0.1556i	1.0450+0.1540i	-0.1433+0.0407i	-0.0505+0.0293i	0.1014-0.0061i	0.0573-0.0200i
12.5	--	-0.0776+0.0513i	0.0620+0.2090i	1.0851+0.1371i	-0.1358+0.0523i	-0.0526+0.0380i	0.1154-0.0077i	0.0575-0.0290i
12.6	--	-0.0864+0.0546i	0.0952+0.2447i	1.1296+0.1284i	-0.1286+0.0585i	-0.0533+0.0455i	0.1266-0.0141i	0.0558-0.0353i
12.7	--	-0.0940+0.0559i	0.1405+0.2829i	1.1619+0.1153i	-0.1294+0.0664i	-0.0519+0.0520i	0.1342-0.0209i	0.0510-0.0390i
12.8	--	-0.1033+0.0591i	0.2258+0.3160i	1.1974+0.0900i	-0.1295+0.0735i	-0.0495+0.0583i	0.1425-0.0364i	0.0447-0.0445i
12.9	--	-0.1104+0.0643i	0.3221+0.3219i	1.2241+0.0462i	-0.1246+0.0781i	-0.0453+0.0643i	0.1527-0.0512i	0.0387-0.0484i
13.0	--	-0.1197+0.0635i	0.4097+0.2888i	1.2679+0.0065i	-0.1251+0.0900i	-0.0411+0.0655i	0.1605-0.0654i	0.0293-0.0462i
13.1	--	-0.1318+0.0687i	0.4804+0.2309i	1.2880-0.0466i	-0.1260+0.1015i	-0.0381+0.0621i	0.1643-0.0866i	0.0258-0.0345i
13.2	--	-0.1428+0.0760i	0.5235+0.1741i	1.2869-0.1057i	-0.1210+0.1202i	-0.0455+0.0578i	0.1595-0.1123i	0.0350-0.0243i
13.3	--	-0.1576+0.0897i	0.5515+0.1064i	1.2967-0.1801i	-0.1055+0.1312i	-0.0583+0.0637i	0.1351-0.1336i	0.0542-0.0267i
13.4	--	-0.1676+0.1024i	0.5647+0.0564i	1.3086-0.2324i	-0.0940+0.1307i	-0.0612+0.0787i	0.1091-0.1269i	0.0572-0.0431i
13.5	--	-0.1726+0.1173i	0.5764+0.0015i	1.2830-0.2863i	-0.0827+0.1390i	-0.0551+0.0876i	0.1012-0.1243i	0.0524-0.0482i
13.6	--	-0.1674+0.1381i	0.5734-0.0565i	1.2240-0.3316i	-0.0635+0.1435i	-0.0560+0.0867i	0.0900-0.1271i	0.0587-0.0418i
13.7	--	-0.1554+0.1482i	0.5566-0.0866i	1.1717-0.3537i	-0.0490+0.1358i	-0.0646+0.0910i	0.0812-0.1165i	0.0718-0.0480i
13.8	--	-0.1459+0.1459i	0.5420-0.0958i	1.1174-0.3344i	-0.0425+0.1272i	-0.0707+0.1092i	0.0838-0.0961i	0.0792-0.0690i
13.9	--	-0.1444+0.1316i	0.5387-0.0914i	1.1040-0.2779i	-0.0384+0.1142i	-0.0694+0.1136i	0.0947-0.0887i	0.0773-0.0758i
14.0	--	-0.1462+0.1201i	0.5555-0.0823i	1.0940-0.2627i	-0.0385+0.1039i	-0.0693+0.1163i	0.1062-0.0791i	0.0766-0.0788i
14.1	--	-0.1586+0.1152i	0.5828-0.0778i	1.1216-0.2626i	-0.0432+0.0984i	-0.0735+0.1292i	0.1197-0.0767i	0.0785-0.0924i
14.2	--	-0.1753+0.1058i	0.6212-0.0808i	1.1720-0.2141i	-0.0518+0.0964i	-0.0860+0.1453i	0.1339-0.0724i	0.0891-0.1136i
14.3	--	-0.1999+0.0994i	0.6728-0.0927i	1.2358-0.1965i	-0.0615+0.0909i	-0.0966+0.1595i	0.1571-0.0745i	0.0974-0.1266i
14.4	--	-0.2286+0.0977i	0.7250-0.1171i	1.2989-0.1833i	-0.0699+0.0848i	-0.1002+0.1764i	0.1860-0.0855i	0.0969-0.1403i
14.5	--	-0.2539+0.0963i	0.7713-0.1460i	1.3610-0.1650i	-0.0851+0.0851i	-0.1112+0.2048i	0.2058-0.1023i	0.1029-0.1662i
14.6	--	-0.2904+0.1107i	0.8348-0.2011i	1.4366-0.2199i	-0.1122+0.0865i	-0.1148+0.2561i	0.2249-0.1151i	0.1005-0.2147i
14.7	--	-0.3154+0.1377i	0.8741-0.2413i	1.4833-0.3015i	-0.1281+0.1064i	-0.1004+0.2959i	0.2350-0.1336i	0.0834-0.2527i
14.8	--	-0.3490+0.1637i	0.9262-0.2852i	1.5052-0.3510i	-0.1245+0.1350i	-0.0406+0.3671i	0.2353-0.1432i	0.0228-0.3217i
14.9	--	-0.3775+0.1942i	0.9711-0.3312i	1.5220-0.3469i	-0.1291+0.1449i	0.0349+0.3816i	0.2684-0.1419i	-0.0609-0.3382i
15.0	--	-0.3779+0.2597i	1.0309-0.2988i	1.5847-0.3887i	-0.1439+0.1714i	0.0517+0.3489i	0.3193-0.1549i	-0.0930-0.3025i
15.1	--	-0.3302+0.3267i	1.2772-0.2909i	1.5998-0.4440i	-0.1442+0.2291i	0.0454+0.3480i	0.3940-0.1960i	-0.1081-0.2910i
15.2	--	-0.2801+0.3177i	1.4870-0.3786i	1.6099-0.3968i	-0.1274+0.2699i	0.0451+0.3723i	0.4455-0.2345i	-0.1193-0.3052i
15.3	--	-0.2609+0.2719i	1.7184-0.6092i	1.6728-0.3621i	-0.1074+0.2770i	0.0194+0.4105i	0.4814-0.3049i	-0.1017-0.3242i
15.4	--	-0.2960+0.2108i	1.9982-0.9889i	1.8136-0.2612i	-0.0997+0.2755i	-0.0030+0.5314i	0.5457-0.3551i	-0.0968-0.4333i
15.5	--	-0.3301+0.1820i	2.1658-1.4228i	1.9467-0.1883i	-0.0920+0.2924i	0.0503+0.6900i	0.6357-0.4286i	-0.1704-0.5749i
15.6	--	-0.3889+0.1622i	2.1434-2.0427i	2.2179-0.1553i	-0.0605+0.3231i	0.2471+0.8242i	0.7425-0.6118i	-0.3945-0.6642i
15.7	--	-0.5036+0.1500i	1.7494-2.8090i	2.7162-0.2345i	-0.0094+0.3369i	0.6517+0.9085i	0.8234-0.8788i	-0.8281-0.6802i
15.8	--	-0.6297+0.1540i	1.1205-3.4169i	3.3173-0.3674i	-0.0139+0.2408i	1.1464+0.7629i	0.8879-1.1757i	-1.3510-0.4510i
15.9	--	-0.7703+0.2601i	0.2396-3.5857i	3.8095-0.9733i	-0.1414+0.2392i	1.3875+0.2542i	0.7509-1.6362i	-1.5526+0.1929i
16.0	--	-0.8425+0.4489i	-0.5901-3.2816i	4.0075-1.9418i	-0.2259+0.4662i	1.1981-0.3307i	0.2380-2.1361i	-1.2098+0.9137i
16.1	--	-0.8407+0.5848i	-0.9727-2.8716i	3.8709-2.6123i	-0.1507+0.6514i	0.8728-0.5794i	-0.3024-2.2771i	-0.7244+1.1936i
16.2	--	-0.8335+0.6962i	-1.1428-2.4205i	3.6821-3.1935i	0.0184+0.7826i	0.5077-0.5668i	-0.8475-2.1328i	-0.2071+1.1202i
16.3	--	-0.8397+0.8194i	-1.1417-2.0914i	3.5102-3.7918i	0.2275+0.8354i	0.2582-0.4530i	-1.2953-1.9144i	0.1547+0.9251i
16.4	--	-0.8343+0.9390i	-1.0183-1.9282i	3.2101-4.3017i	0.4206+0.7406i	0.1827-0.3422i	-1.5188-1.6223i	0.2755+0.7275i
16.5	--	-0.7916+1.1043i	-0.9307-1.8783i	2.7881-5.1417i	0.4968+0.7044i	0.1436-0.1198i	-1.7283-1.3199i	0.3439+0.4070i
16.6	--	-0.7132+1.2583i	-0.8950-1.9779i	2.1027-5.9486i	0.7180+0.8187i	0.2383+0.0910i	-2.0094-1.1988i	0.2757+0.1530i
16.7	--	-0.6600+1.3858i	-1.0151-2.1777i	0.8252-6.4459i	1.2900+0.5740i	0.5484+0.1109i	-2.5105-0.7075i	0.0268+0.0447i
16.8	--	-0.6174+1.5408i	-1.3408-2.2327i	-0.1679-6.3100i	1.3836-0.0597i	0.7388-0.0866i	-2.4360+0.1981i	-0.1908+0.1068i
16.9	--	-0.4128+1.7661i	-1.7555-1.9996i	-1.1143-6.1037i	0.9395-0.5974i	0.7424-0.3610i	-1.8510+0.5202i	-0.2909+0.3262i
17.0	--	-0.1051+1.9857i	-1.9377-1.6935i	-2.3058-6.0871i	0.3323-0.5365i	0.7619-0.5423i	-1.6369+0.3804i	-0.3907+0.5525i
17.1	--	0.1691+1.9772i	-1.9937-1.5445i	-3.3292-5.2464i	0.5258-0.5093i	0.5108-0.9456i	-1.6154+0.8515i	-0.0572+0.9438i
17.2	--	0.4911+1.9517i	-2.1219-1.3013i	-3.8411-3.9891i	0.2181-0.9108i	-0.0897-0.8845i	-1.0769+1.1482i	0.5541+0.7499i
17.3	--	0.8262+1.8435i	-2.0294-1.0007i	-4.0864-3.3667i	-0.2376-0.3715i	-0.1367-0.4355i	-0.9722+0.5943i	0.5499+0.3280i
17.4	--	1.1114+1.5489i	-1.8837-0.8381i	-4.4437-2.2990i	-0.0051+0.0806i	0.0496-0.2275i	-1.4279+0.7354i	0.4173+0.0686i
17.5	--	1.2013+1.3002i	-1.8162-0.8100i	-4.2565-1.3706i	0.3361-0.0438i	0.1884-0.3140i	-1.2430+1.2079i	0.2423+0.0641i
17.6	--	1.2073+1.0438i	-1.7971-0.7414i	-3.5939-0.5689i	0.3334-0.4581i	0.1182-0.4721i	-0.6290+1.3211i	0.2134+0.1792i
17.7	--	1.1740+0.8343i	-1.7654-0.6964i	-3.0510-0.1401i	0.0218-0.5773i	0.0408-0.4672i	-0.3804+1.1811i	0.2228+0.1659i
17.8	--	1.1284+0.6536i	-1.7382-0.6794i	-2.5878+0.1275i	-0.2187-0.5479i	-0.0043-0.4875i	-0.2003+1.0632i	0.2064+0.1863i
17.9	--	1.0663+0.5501i	-1.7517-0.6751i	-2.2327+0.2055i	-0.3653-0.4185i	-0.0719-0.4993i	-0.1008+0.9382i	0.2258+0.2184i
18.0	--	0.9913+0.4517i	-1.7836-0.6460i	-1.8341+0.1782i	-0.4625-0.1869i	-0.1566-0.4493i	-0.0089+0.7701i	0.2735+0.2126i
18.1	--	0.9311+0.3867i	-1.8266-0.5964i	-1.6256+0.1066i	-0.4298-0.0118i	-0.2014-0.3800i	-0.0155+0.6410i	0.3124+0.1824i
18.2	--	0.8453+0.3176i	-1.8422-0.5361i	-1.4206+0.0714i	-0.3672+0.1038i	-0.2321-0.3262i	-0.0556+0.5730i	0.3519+0.1496i

18.3	--	0.7798+0.2789i	-1.8516-0.4971i	-1.3137+0.0538i	-0.3038+0.1954i	-0.2457-0.2678i	-0.0501+0.5608i	0.3758+0.0956i
18.4	--	0.7271+0.2433i	-1.8716-0.4500i	-1.2583+0.1165i	-0.2375+0.2458i	-0.2398-0.2048i	-0.0326+0.5334i	0.3787+0.0256i
18.5	--	0.6453+0.2073i	-1.8890-0.4199i	-1.1158+0.2792i	-0.1892+0.2272i	-0.2269-0.1926i	-0.0440+0.4818i	0.3743-0.0096i
18.6	--	0.5141+0.2203i	-1.9307-0.3982i	-0.5652+0.3564i	-0.2304+0.2530i	-0.2726-0.1865i	-0.0823+0.4548i	0.3801-0.0657i
18.7	--	0.4932+0.2983i	-1.9923-0.3741i	-0.3569-0.0790i	-0.1610+0.3767i	-0.2854-0.0982i	-0.0932+0.5111i	0.3375-0.1433i
18.8	--	0.5086+0.3311i	-2.0667-0.3049i	-0.5103-0.4341i	0.0352+0.3769i	-0.2180-0.0544i	-0.0048+0.5265i	0.2334-0.1447i
18.9	--	0.5136+0.3314i	-2.1003-0.2297i	-0.6658-0.4871i	0.0685+0.3396i	-0.1994-0.0304i	0.0388+0.4839i	0.2164-0.1401i
19.0	--	0.5039+0.3228i	-2.1437-0.1534i	-0.7318-0.4591i	0.0956+0.2956i	-0.1794-0.0128i	0.0518+0.4561i	0.1939-0.1470i
19.1	--	0.4975+0.3128i	-2.1791-0.0722i	-0.8100-0.4067i	0.1098+0.2845i	-0.1550+0.0152i	0.0690+0.4458i	0.1658-0.1652i
19.2	--	0.4857+0.3079i	-2.2337+0.0150i	-0.8309-0.4001i	0.1073+0.2913i	-0.1398+0.0406i	0.0838+0.4335i	0.1487-0.1789i
19.3	--	0.4687+0.3064i	-2.2711+0.1069i	-0.8192-0.3508i	0.1251+0.2911i	-0.1187+0.0519i	0.0958+0.4083i	0.1286-0.1756i
19.4	--	0.4524+0.3030i	-2.2811+0.2041i	-0.8216-0.3101i	0.1511+0.2663i	-0.1019+0.0494i	0.0964+0.3698i	0.1151-0.1637i
19.5	--	0.4501+0.3019i	-2.3274+0.2850i	-0.8315-0.2523i	0.1682+0.2469i	-0.0838+0.0551i	0.1008+0.3554i	0.0943-0.1661i
19.6	--	0.4369+0.2960i	-2.3152+0.4194i	-0.8110-0.2005i	0.1877+0.2320i	-0.0550+0.0551i	0.1104+0.3447i	0.0601-0.1553i
19.7	--	0.4089+0.3029i	-2.3209+0.4962i	-0.7524-0.1882i	0.2099+0.2088i	-0.0302+0.0332i	0.1180+0.3243i	0.0342-0.1158i
19.8	--	0.3920+0.3104i	-2.3274+0.5895i	-0.7059-0.1807i	0.2032+0.2034i	-0.0298+0.0274i	0.1215+0.3156i	0.0366-0.1021i
19.9	--	0.3710+0.3260i	-2.2823+0.6666i	-0.6838-0.1805i	0.2102+0.1898i	-0.0306+0.0129i	0.1344+0.3080i	0.0458-0.0756i
20.0	--	0.3543+0.3540i	-2.2666+0.7138i	-0.6795-0.1978i	0.2313+0.1762i	-0.0329+0.0096i	0.1575+0.2769i	0.0576-0.0659i
20.1	--	0.3506+0.3746i	-2.3118+0.7367i	-0.6627-0.1904i	0.2301+0.1514i	-0.0387+0.0133i	0.1577+0.2414i	0.0664-0.0718i
20.2	--	0.3426+0.4151i	-2.3352+0.7924i	-0.7025-0.2330i	0.2424+0.1312i	-0.0345+0.0280i	0.1528+0.2040i	0.0658-0.0897i
20.3	--	0.3652+0.4310i	-2.3863+0.8900i	-0.7481-0.1789i	0.2547+0.1303i	-0.0182+0.0419i	0.1454+0.2025i	0.0474-0.1043i
20.4	--	0.3841+0.4492i	-2.5028+0.9683i	-0.7750-0.1339i	0.2476+0.1192i	-0.0056+0.0431i	0.1326+0.1941i	0.0295-0.1056i
20.5	--	0.3937+0.4687i	-2.6109+1.1191i	-0.7795-0.0835i	0.2413+0.0990i	-0.0046+0.0364i	0.1283+0.1827i	0.0296-0.0933i
20.6	--	0.4012+0.4673i	-2.6793+1.3988i	-0.7319+0.0144i	0.2479+0.1000i	0.0085+0.0337i	0.1265+0.1835i	0.0183-0.0803i
20.7	--	0.4220+0.4792i	-2.6585+1.7032i	-0.6890+0.0766i	0.2653+0.0918i	0.0288+0.0417i	0.1315+0.1596i	-0.0030-0.0855i
20.8	--	0.4544+0.4900i	-2.5795+1.9533i	-0.6235+0.1172i	0.2576+0.0830i	0.0521+0.0439i	0.1029+0.1585i	-0.0291-0.0848i
20.9	--	0.4773+0.4855i	-2.3761+2.1514i	-0.5769+0.1521i	0.2492+0.0787i	0.0492+0.0112i	0.0908+0.1779i	-0.0151-0.0341i
21.0	--	0.5027+0.4935i	-2.1741+2.3607i	-0.5923+0.1476i	0.2498+0.0572i	0.0437+0.0052i	0.1060+0.1598i	-0.0005-0.0269i
21.1	--	0.5134+0.4898i	-2.0714+2.4733i	-0.5620+0.1447i	0.2535+0.0457i	0.0486+0.0167i	0.1169+0.1563i	-0.0068-0.0485i
21.2	--	0.5340+0.4794i	-1.9039+2.4865i	-0.5144+0.2001i	0.2557+0.0339i	0.0527+0.0186i	0.1173+0.1449i	-0.0082-0.0560i
21.3	--	0.5554+0.4656i	-1.6571+2.4578i	-0.4694+0.2806i	0.2454+0.0200i	0.0566+0.0154i	0.1067+0.1403i	-0.0093-0.0580i
21.4	--	0.5757+0.4589i	-1.5093+2.5239i	-0.4055+0.2719i	0.2314+0.0140i	0.0658+0.0007i	0.0988+0.1341i	-0.0216-0.0338i
21.5	--	0.5958+0.4488i	-1.4138+2.5298i	-0.3535+0.2644i	0.2156+0.0135i	0.0608-0.0128i	0.1017+0.1441i	-0.0127-0.0168i
21.6	--	0.6052+0.4385i	-1.2746+2.5419i	-0.3118+0.2893i	0.2076+0.0061i	0.0665-0.0028i	0.1156+0.1468i	-0.0259-0.0326i
21.7	--	0.6111+0.4169i	-1.2769+2.5347i	-0.2302+0.3334i	0.1938+0.0135i	0.0730-0.0008i	0.1210+0.1323i	-0.0451-0.0342i
21.8	--	0.6111+0.4083i	-1.3511+2.5230i	-0.1724+0.3028i	0.1792+0.0151i	0.0801-0.0069i	0.0991+0.1246i	-0.0577-0.0246i
21.9	--	0.6123+0.3987i	-1.4280+2.6114i	-0.0912+0.2715i	0.1758+0.0221i	0.0944-0.0187i	0.0811+0.1134i	-0.0823+0.0041i
22.0	--	0.6105+0.3879i	-1.5351+2.6394i	-0.0148+0.2738i	0.1781+0.0518i	0.0910-0.0385i	0.0930+0.1316i	-0.0783+0.0459i
22.1	--	0.6056+0.3798i	-1.5503+2.7869i	0.0676+0.2187i	0.2055+0.0864i	0.0819-0.0560i	0.1140+0.1473i	-0.0497+0.0803i
22.2	--	0.6089+0.3812i	-1.4954+3.0054i	0.1232+0.1796i	0.2327+0.0789i	0.0664-0.0531i	0.1214+0.1401i	-0.0198+0.0733i
22.3	--	0.6075+0.3859i	-1.6632+3.3542i	0.1198+0.1461i	0.2530+0.0764i	0.0507-0.0622i	0.1414+0.1485i	0.0078+0.0895i
22.4	--	0.6100+0.3898i	-1.6401+3.7734i	0.1013+0.0711i	0.2726+0.0719i	0.0410-0.0677i	0.1533+0.1418i	0.0318+0.1058i
22.5	--	0.6128+0.3905i	-1.5283+4.1906i	0.1342+0.0611i	0.2810+0.0438i	0.0373-0.0586i	0.1426+0.1254i	0.0358+0.1006i
22.6	--	0.6139+0.4101i	-1.2312+4.8618i	0.1874+0.0070i	0.2890+0.0099i	0.0346-0.0502i	0.1430+0.1155i	0.0439+0.0968i
22.7	--	0.6346+0.4346i	-0.6159+5.4576i	0.1740-0.0568i	0.2853-0.0299i	0.0350-0.0586i	0.1441+0.1160i	0.0543+0.1149i
22.8	--	0.6711+0.4478i	0.3398+5.7144i	0.1384-0.1167i	0.2672-0.0362i	0.0200-0.0805i	0.1737+0.1322i	0.1080+0.1474i
22.9	--	0.7094+0.4427i	1.2601+5.7435i	0.0848-0.1249i	0.2448-0.0182i	-0.0050-0.0681i	0.2084+0.1146i	0.1727+0.1213i
23.0	--	0.7562+0.4090i	2.3111+5.2614i	0.0959-0.0116i	0.2330-0.0005i	-0.0195-0.0132i	0.2148+0.0512i	0.1999+0.0100i
23.1	--	0.7968+0.3793i	3.0822+4.7286i	0.1537+0.0772i	0.2388-0.0061i	-0.0009+0.0371i	0.1907-0.0050i	0.1533-0.0836i
23.2	--	0.8118+0.3372i	3.5088+4.0070i	0.2387+0.0984i	0.2470-0.0167i	0.0267+0.0455i	0.1562-0.0099i	0.1043-0.1033i
23.3	--	0.8022+0.3060i	3.5071+3.3551i	0.3032+0.0345i	0.2540-0.0202i	0.0436+0.0235i	0.1375+0.0061i	0.0840-0.0723i
23.4	--	0.8008+0.2749i	3.6284+2.6917i	0.3465-0.0271i	0.2533-0.0267i	0.0560+0.0145i	0.1183+0.0065i	0.0552-0.0612i
23.5	--	0.7930+0.2478i	3.5738+2.2402i	0.3981-0.0572i	0.2580-0.0273i	0.0538+0.0151i	0.1188+0.0072i	0.0628-0.0568i
23.6	--	0.7899+0.2221i	3.5317+1.7452i	0.3901-0.0807i	0.2696-0.0257i	0.0624+0.0100i	0.1208+0.0045i	0.0589-0.0516i
23.7	--	0.7798+0.2110i	3.3534+1.4080i	0.4288-0.1409i	0.2663-0.0355i	0.0767+0.0070i	0.1061+0.0059i	0.0334-0.0399i
23.8	--	0.7705+0.1929i	3.1879+1.0696i	0.4553-0.2048i	0.2642-0.0407i	0.0822+0.0004i	0.1061+0.0135i	0.0256-0.0261i
23.9	--	0.7598+0.1859i	2.9702+0.8347i	0.4423-0.2886i	0.2646-0.0349i	0.0967-0.0065i	0.0949+0.0286i	0.0112-0.0109i
24.0	--	0.7514+0.1831i	2.8053+0.6742i	0.4566-0.3473i	0.2573-0.0452i	0.1098-0.0055i	0.0882+0.0354i	-0.0117-0.0070i
24.1	--	0.7438+0.1789i	2.6218+0.5337i	0.4493-0.3863i	0.2497-0.0393i	0.1169-0.0215i	0.0928+0.0524i	-0.0226+0.0234i
24.2	--	0.7419+0.1707i	2.4569+0.4023i	0.4371-0.3733i	0.2614-0.0403i	0.1158-0.0374i	0.1093+0.0676i	-0.0071+0.0388i
24.3	--	0.7419+0.1526i	2.2845+0.2635i	0.4027-0.3735i	0.2784-0.0255i	0.1093-0.0386i	0.1394+0.0532i	0.0159+0.0395i
24.4	--	0.7383+0.1506i	2.1807+0.2167i	0.4045-0.3947i	0.2950-0.0231i	0.1080-0.0406i	0.1415+0.0440i	0.0205+0.0439i
24.5	--	0.7294+0.1448i	2.0750+0.1743i	0.4437-0.3626i	0.3159-0.0412i	0.1086-0.0436i	0.1452+0.0252i	0.0176+0.0358i

24.6	--	0.7209+0.1369i	1.9315+0.1276i	0.4641-0.3652i	0.3207-0.0712i	0.1017-0.0439i	0.1448+0.0094i	0.0323+0.0259i
24.7	--	0.7177+0.1379i	1.8607+0.1034i	0.4910-0.4258i	0.3176-0.0931i	0.1130-0.0423i	0.1355+0.0066i	0.0146+0.0263i
24.8	--	0.7054+0.1420i	1.7552+0.0737i	0.5833-0.5008i	0.3130-0.0892i	0.1275-0.0506i	0.1273+0.0119i	-0.0196+0.0587i
24.9	--	0.6932+0.1387i	1.6465+0.0243i	0.6511-0.5979i	0.3131-0.0855i	0.1393-0.0532i	0.1104+0.0405i	-0.0389+0.0826i
25.0	--	0.6930+0.1366i	1.5757-0.0019i	0.6518-0.6809i	0.3250-0.0881i	0.1522-0.0635i	0.0998+0.0500i	-0.0446+0.1155i
25.1	--	0.6915+0.1407i	1.5109-0.0301i	0.6114-0.7920i	0.3297-0.0916i	0.1583-0.0768i	0.1142+0.0791i	-0.0402+0.1517i
25.2	--	0.6924+0.1391i	1.4050-0.0652i	0.5519-0.9183i	0.3471-0.0983i	0.1693-0.0885i	0.1531+0.0956i	-0.0348+0.1762i
25.3	--	0.6912+0.1397i	1.3525-0.0680i	0.4999-0.9879i	0.3468-0.1150i	0.1797-0.1076i	0.1729+0.0982i	-0.0296+0.2134i
25.4	--	0.6871+0.1417i	1.2884-0.0577i	0.4296-1.0386i	0.3410-0.1234i	0.1756-0.1425i	0.2069+0.1010i	0.0174+0.2837i
25.5	--	0.6688+0.1482i	1.2079-0.0655i	0.4449-1.1239i	0.3527-0.1233i	0.1756-0.1792i	0.2490+0.1168i	0.0628+0.3495i
25.6	--	0.6675+0.1570i	1.1448-0.0796i	0.3783-1.1581i	0.3841-0.1250i	0.1600-0.2085i	0.3083+0.1036i	0.1447+0.3822i
25.7	--	0.6711+0.1839i	1.0834-0.0815i	0.2601-1.2695i	0.4437-0.1462i	0.1347-0.2448i	0.3930+0.0755i	0.2562+0.3991i
25.8	--	0.6887+0.2003i	1.0341-0.0706i	0.1150-1.3125i	0.4868-0.2149i	0.0908-0.2602i	0.4517-0.0141i	0.3663+0.3384i
25.9	--	0.7092+0.1996i	0.9468-0.0548i	0.0027-1.2936i	0.4974-0.3411i	0.0536-0.2601i	0.4727-0.1378i	0.4193+0.2473i
26.0	--	0.7232+0.1952i	0.8928-0.0525i	-0.0683-1.3020i	0.4371-0.4066i	0.0371-0.2701i	0.4394-0.2068i	0.4308+0.2295i
26.1	--	0.7259+0.2047i	0.8474-0.0336i	-0.1030-1.3429i	0.4003-0.4463i	0.0175-0.2743i	0.4303-0.2552i	0.4676+0.2044i
26.2	--	0.7479+0.1926i	0.7697+0.0012i	-0.3049-1.2627i	0.3513-0.4754i	-0.0239-0.2785i	0.4207-0.3234i	0.5255+0.1558i
26.3	--	0.7659+0.1692i	0.7359+0.0439i	-0.4455-1.1246i	0.2765-0.5018i	-0.0599-0.2547i	0.3568-0.4183i	0.5410+0.0533i
26.4	--	0.7634+0.1610i	0.7183+0.0775i	-0.4759-0.9997i	0.2178-0.5281i	-0.0747-0.2347i	0.2959-0.5058i	0.5241-0.0367i
26.5	--	0.7587+0.1536i	0.7021+0.1145i	-0.4701-0.8707i	0.1335-0.5101i	-0.1072-0.2145i	0.1697-0.5423i	0.5138-0.0948i
26.6	--	0.7492+0.1450i	0.6335+0.1138i	-0.4153-0.7713i	0.0797-0.4877i	-0.1191-0.1934i	0.0632-0.5431i	0.4793-0.1152i
26.7	--	0.7409+0.1426i	0.5702+0.1088i	-0.3470-0.6582i	0.0200-0.4606i	-0.1349-0.1669i	-0.0315-0.5387i	0.4369-0.1503i
26.8	--	0.7410+0.1494i	0.5156+0.1577i	-0.2572-0.6344i	0.0110-0.4153i	-0.1477-0.1451i	-0.1223-0.4979i	0.4178-0.1698i
26.9	--	0.7321+0.1584i	0.4479+0.1961i	-0.1645-0.6932i	0.0126-0.3757i	-0.1429-0.1279i	-0.1790-0.4139i	0.3995-0.1656i
27.0	--	0.7242+0.1659i	0.3539+0.2914i	-0.1497-0.7056i	-0.0147-0.3572i	-0.1451-0.1008i	-0.2329-0.3293i	0.3704-0.1873i
27.1	--	0.7288+0.1767i	0.2968+0.4081i	-0.1681-0.6651i	-0.0011-0.3533i	-0.1395-0.0771i	-0.2189-0.2671i	0.3452-0.2255i
27.2	--	0.7237+0.1929i	0.2272+0.5562i	-0.1134-0.6442i	-0.0046-0.3385i	-0.1278-0.0683i	-0.2090-0.2102i	0.3336-0.2239i
27.3	--	0.7225+0.2100i	0.2479+0.7296i	-0.0315-0.6341i	-0.0382-0.3366i	-0.1189-0.0637i	-0.2121-0.1796i	0.3043-0.2273i
27.4	--	0.7328+0.2365i	0.3088+0.9343i	0.0435-0.6637i	-0.0691-0.2876i	-0.1170-0.0484i	-0.2014-0.1206i	0.2717-0.2334i
27.5	--	0.7600+0.2645i	0.4000+1.1283i	0.0694-0.6897i	-0.0922-0.2573i	-0.1169-0.0355i	-0.1867-0.0981i	0.2426-0.2189i
27.6	--	0.7763+0.2909i	0.5056+1.2662i	0.1408-0.7145i	-0.1006-0.2232i	-0.1075-0.0290i	-0.1773-0.0911i	0.2279-0.2046i
27.7	--	0.8067+0.3143i	0.6742+1.4144i	0.2112-0.7632i	-0.0941-0.1710i	-0.1026-0.0289i	-0.1718-0.0602i	0.2337-0.1756i
27.8	--	0.8493+0.3348i	0.8854+1.5132i	0.2703-0.8617i	-0.0521-0.1283i	-0.0958-0.0287i	-0.1318-0.0269i	0.2458-0.1526i
27.9	--	0.8868+0.3393i	1.1096+1.5425i	0.3524-0.9699i	-0.0084-0.0961i	-0.1019-0.0313i	-0.0898+0.0083i	0.2803-0.1214i
28.0	--	0.9179+0.3344i	1.2823+1.5066i	0.3819-1.0786i	0.0222-0.0736i	-0.1116-0.0200i	-0.0499+0.0245i	0.3042-0.1214i
28.1	--	0.9568+0.3418i	1.4758+1.4481i	0.3947-1.3002i	0.0585-0.0675i	-0.1194-0.0050i	-0.0244+0.0057i	0.3197-0.1410i
28.2	--	1.0247+0.3497i	1.6438+1.3338i	0.1830-1.5348i	0.1109-0.0622i	-0.1206+0.0122i	-0.0110-0.0218i	0.3544-0.1660i
28.3	--	1.0954+0.3116i	1.7802+1.2668i	-0.0294-1.5170i	0.1621-0.0618i	-0.1143+0.0303i	0.0050-0.0110i	0.3858-0.1637i
28.4	--	1.1202+0.2700i	1.8491+1.1985i	-0.1101-1.4423i	0.2042-0.1052i	-0.1103+0.0398i	0.0261-0.0131i	0.3982-0.2025i
28.5	--	1.1361+0.2321i	1.9126+1.1231i	-0.1348-1.3514i	0.2130-0.1462i	-0.1070+0.0534i	0.0400-0.0272i	0.3840-0.2363i
28.6	--	1.1597+0.2096i	1.9882+1.0473i	-0.1143-1.4055i	0.2413-0.1633i	-0.0989+0.0602i	0.0750-0.0311i	0.3949-0.2445i
28.7	--	1.1739+0.1821i	2.0636+1.0152i	-0.0876-1.4241i	0.2655-0.1934i	-0.0969+0.0690i	0.1072-0.0308i	0.4173-0.2512i
28.8	--	1.1857+0.1572i	2.1225+0.9590i	-0.1327-1.4340i	0.2846-0.2371i	-0.0880+0.0801i	0.1304-0.0687i	0.4369-0.2897i
28.9	--	1.1960+0.1326i	2.1954+0.9121i	-0.1540-1.4824i	0.3099-0.2814i	-0.0801+0.0944i	0.1574-0.1129i	0.4583-0.3497i
29.0	--	1.2049+0.1062i	2.2981+0.8544i	-0.1197-1.5200i	0.3155-0.3368i	-0.0716+0.1094i	0.1673-0.1537i	0.4522-0.4180i
29.1	--	1.2179+0.0876i	2.4010+0.8069i	-0.1187-1.5602i	0.3275-0.3971i	-0.0587+0.1170i	0.1838-0.1976i	0.4559-0.4606i
29.2	--	1.2366+0.0686i	2.5230+0.7434i	-0.1658-1.6367i	0.3154-0.4337i	-0.0453+0.1370i	0.1797-0.2135i	0.4421-0.4922i
29.3	--	1.2578+0.0475i	2.5976+0.6395i	-0.2435-1.7210i	0.3066-0.4931i	-0.0364+0.1376i	0.1683-0.2690i	0.4128-0.5390i
29.4	--	1.2735+0.0267i	2.7026+0.5664i	-0.2693-1.7915i	0.2796-0.5762i	-0.0258+0.1507i	0.1477-0.3267i	0.3875-0.6087i
29.5	--	1.2797+0.0036i	2.7723+0.4525i	-0.3750-1.8438i	0.2113-0.6160i	-0.0039+0.1535i	0.1223-0.3591i	0.3385-0.6385i
29.6	--	1.2939-0.0159i	2.8826+0.3682i	-0.4822-1.8818i	0.1689-0.6622i	0.0151+0.1527i	0.1254-0.4206i	0.3226-0.6737i
29.7	--	1.3075-0.0419i	2.9679+0.2765i	-0.5468-1.9332i	0.1249-0.7073i	0.0258+0.1525i	0.0866-0.4814i	0.2725-0.7203i
29.8	--	1.3172-0.0696i	3.0361+0.1681i	-0.6527-1.9522i	0.0583-0.7255i	0.0323+0.1528i	0.0236-0.5245i	0.2151-0.7543i
29.9	--	1.3306-0.0929i	3.1587+0.0440i	-0.7413-2.0177i	0.0030-0.7683i	0.0421+0.1650i	-0.0324-0.5570i	0.1722-0.8094i
30.0	--	1.3343-0.1242i	3.2678-0.1020i	-0.8286-2.0230i	-0.1034-0.8088i	0.0465+0.1689i	-0.1618-0.5842i	0.0643-0.8506i
30.1	--	1.3480-0.1421i	3.3307-0.2456i	-0.9689-2.0811i	-0.1855-0.8075i	0.0588+0.1750i	-0.2389-0.5797i	-0.0193-0.8427i
30.2	--	1.3482-0.1567i	3.3903-0.4026i	-1.0789-2.1019i	-0.2678-0.7905i	0.0737+0.1775i	-0.3193-0.5340i	-0.0907-0.8200i
30.3	--	1.3573-0.1861i	3.4506-0.5906i	-1.2514-2.1213i	-0.3541-0.7548i	0.0870+0.1765i	-0.3971-0.4696i	-0.1899-0.7816i
30.4	--	1.3738-0.2232i	3.5058-0.8001i	-1.3954-2.0765i	-0.4093-0.7161i	0.1000+0.1841i	-0.4309-0.4036i	-0.2708-0.7361i
30.5	--	1.3858-0.2516i	3.5351-0.9761i	-1.5449-2.0172i	-0.4898-0.6828i	0.1083+0.2032i	-0.4626-0.3367i	-0.3044-0.6755i
30.6	--	1.4014-0.2859i	3.5696-1.0923i	-1.7370-1.9117i	-0.5838-0.6274i	0.1405+0.2121i	-0.4901-0.2812i	-0.3311-0.6003i
30.7	--	1.4016-0.3212i	3.6345-1.2972i	-1.8256-1.8127i	-0.6457-0.5648i	0.1559+0.2153i	-0.4906-0.2291i	-0.3643-0.5474i
30.8	--	1.4028-0.3581i	3.7458-1.5220i	-1.9272-1.6815i	-0.6834-0.4663i	0.1963+0.2165i	-0.4689-0.1929i	-0.3757-0.4846i

30.9	--	1.4066-0.3935i	3.8392-1.7267i	-1.9856-1.5779i	-0.7322-0.3968i	0.2211+0.2149i	-0.4510-0.1596i	-0.3768-0.4435i
31.0	--	1.3938-0.4528i	3.9287-2.0238i	-1.9606-1.4301i	-0.7397-0.3005i	0.2499+0.2076i	-0.4232-0.1352i	-0.3318-0.3928i
31.1	--	1.3492-0.5104i	3.8991-2.4510i	-1.9295-1.2399i	-0.6993-0.2173i	0.2738+0.1838i	-0.4044-0.1219i	-0.2853-0.3919i
31.2	--	1.3267-0.5245i	3.8304-2.7806i	-1.9647-1.1626i	-0.6975-0.1892i	0.2877+0.1677i	-0.4475-0.1411i	-0.3386-0.3934i
31.3	--	1.3050-0.5341i	3.7090-3.1064i	-1.9921-1.0890i	-0.7033-0.1442i	0.3053+0.1691i	-0.5074-0.1168i	-0.3871-0.3150i
31.4	--	1.2760-0.5560i	3.6099-3.5190i	-1.9422-1.0234i	-0.7110-0.0779i	0.3347+0.1588i	-0.5450-0.0655i	-0.3664-0.2693i
31.5	--	1.2445-0.5758i	3.3680-4.0024i	-1.9254-0.9934i	-0.7219-0.0037i	0.3617+0.1431i	-0.5567-0.0178i	-0.3306-0.2207i
31.6	--	1.2314-0.5662i	3.0501-4.3093i	-1.9496-0.9386i	-0.7103+0.0762i	0.3728+0.1076i	-0.5496+0.0434i	-0.2938-0.1833i
31.7	--	1.2147-0.5630i	2.7205-4.7115i	-1.9442-0.9198i	-0.6810+0.1394i	0.3914+0.0686i	-0.5695+0.0984i	-0.2492-0.1593i
31.8	--	1.1967-0.5521i	2.4048-4.8103i	-1.9169-0.8989i	-0.6422+0.1787i	0.3910+0.0544i	-0.5450+0.1502i	-0.2276-0.1615i
31.9	--	1.1718-0.5557i	1.9464-5.0414i	-1.8850-0.8741i	-0.6021+0.2209i	0.3886+0.0349i	-0.4955+0.2231i	-0.1941-0.1677i
32.0	--	1.1843-0.5541i	1.6680-5.4286i	-1.9222-0.8613i	-0.5895+0.2627i	0.3938+0.0164i	-0.4844+0.2765i	-0.1776-0.1684i
32.1	--	1.1539-0.5211i	0.8319-5.5286i	-1.9339-0.9021i	-0.5330+0.3207i	0.3952+0.0072i	-0.4400+0.3303i	-0.1585-0.1682i
32.2	--	1.1429-0.4908i	0.2284-5.3399i	-1.9701-0.8579i	-0.4976+0.3618i	0.4046-0.0010i	-0.3857+0.3703i	-0.1432-0.1732i
32.3	--	1.1612-0.5018i	-0.3733-5.6868i	-2.0699-0.8101i	-0.4256+0.4060i	0.4243-0.0300i	-0.3100+0.3936i	-0.1162-0.1934i
32.4	--	1.1891-0.4670i	-0.9585-5.6118i	-2.1718-0.8511i	-0.3580+0.4416i	0.4330-0.0434i	-0.2286+0.4185i	-0.1112-0.2352i
32.5	--	1.2259-0.4207i	-1.3090-4.8645i	-2.2523-0.7914i	-0.3000+0.4534i	0.4384-0.0683i	-0.1747+0.4069i	-0.1318-0.2736i
32.6	--	1.2526-0.4041i	-1.6503-4.3338i	-2.3114-0.6331i	-0.2512+0.4551i	0.4328-0.0985i	-0.1201+0.3797i	-0.1557-0.3120i
32.7	--	1.2843-0.4253i	-1.9710-3.8845i	-2.3560-0.4318i	-0.1995+0.4192i	0.4235-0.1323i	-0.0822+0.3338i	-0.1830-0.3252i
32.8	--	1.3192-0.4552i	-2.1926-3.5179i	-2.3780-0.2379i	-0.1506+0.3947i	0.3930-0.1478i	-0.0555+0.3141i	-0.2383-0.3118i
32.9	--	1.3533-0.4574i	-2.2211-3.1111i	-2.2834-0.0624i	-0.1015+0.4396i	0.3787-0.1513i	0.0111+0.3139i	-0.3223-0.3013i
33.0	--	1.3911-0.4516i	-2.1835-2.8005i	-2.1508+0.0530i	-0.0556+0.4279i	0.3804-0.1590i	0.0619+0.2656i	-0.3949-0.2389i
33.1	--	1.4353-0.4651i	-2.2027-2.4020i	-1.9382+0.1109i	-0.0032+0.4023i	0.3486-0.1385i	0.0857+0.2266i	-0.4565-0.1132i
33.2	--	1.4764-0.4716i	-2.2439-2.0791i	-1.7787+0.1414i	0.0604+0.3808i	0.3381-0.1292i	0.1017+0.1714i	-0.4565-0.0296i
33.3	--	1.5271-0.5101i	-2.2092-1.8702i	-1.6462+0.0886i	0.1060+0.3370i	0.3517-0.1170i	0.1020+0.1151i	-0.3905+0.0872i
33.4	--	1.5903-0.5278i	-2.1442-1.6046i	-1.5241-0.0662i	0.1362+0.2746i	0.3692-0.1135i	0.0922+0.0453i	-0.3015+0.1694i
33.5	--	1.6443-0.5809i	-1.9666-1.2579i	-1.4913-0.1955i	0.1526+0.1844i	0.3755-0.1022i	0.0655-0.0238i	-0.2214+0.2640i
33.6	--	1.6559-0.6550i	-1.7288-1.0566i	-1.5138-0.2101i	0.1668+0.1178i	0.4079-0.1139i	0.0244-0.0625i	-0.0628+0.2641i
33.7	--	1.6380-0.7272i	-1.5134-0.8710i	-1.4833-0.2359i	0.1792+0.0718i	0.4510-0.1453i	-0.0247-0.0650i	0.1011+0.2198i
33.8	--	1.6253-0.7578i	-1.0410-0.8581i	-1.4822-0.3973i	0.1677+0.0002i	0.4745-0.1618i	-0.0737-0.0594i	0.1809+0.1600i
33.9	--	1.6453-0.8045i	-0.6225-1.0575i	-1.5746-0.5350i	0.0725-0.0926i	0.4998-0.1785i	-0.1383-0.0433i	0.3142+0.1441i
34.0	--	1.6789-0.8478i	-0.4327-1.3471i	-1.7278-0.6341i	-0.0019-0.1010i	0.5318-0.1892i	-0.1573+0.0337i	0.4417+0.1007i
34.1	--	1.6888-0.8709i	-0.3605-1.6207i	-1.8498-0.7123i	-0.0809-0.0951i	0.5284-0.2276i	-0.1612+0.0805i	0.4816-0.0618i
34.2	--	1.7213-0.9324i	-0.4995-1.8169i	-2.1464-0.6495i	-0.1651-0.0458i	0.5595-0.2704i	-0.0934+0.1278i	0.5498-0.2049i
34.3	--	1.7844-0.9706i	-0.7993-1.9856i	-2.3480-0.5937i	-0.2158-0.0281i	0.5542-0.2749i	-0.0651+0.1646i	0.4775-0.2697i
34.4	--	1.7854-1.0160i	-1.0500-2.0677i	-2.4833-0.3993i	-0.2110+0.0092i	0.5449-0.3193i	-0.0086+0.1268i	0.4100-0.4043i
34.5	--	1.7879-1.0761i	-1.2091-1.9967i	-2.5862-0.2626i	-0.2305+0.0593i	0.5281-0.3599i	0.0350+0.1122i	0.3500-0.4978i
34.6	--	1.8218-1.1259i	-1.3189-1.8802i	-2.6069-0.1121i	-0.2450+0.1007i	0.5295-0.3739i	0.0556+0.1187i	0.3149-0.5176i
34.7	--	1.8503-1.1522i	-1.4143-1.7933i	-2.5895-0.0213i	-0.2716+0.0896i	0.5261-0.3563i	0.0407+0.1035i	0.2704-0.4825i
34.8	--	1.8288-1.2308i	-1.5252-1.5990i	-2.5708+0.1826i	-0.2481+0.1405i	0.5314-0.4053i	0.1028+0.0327i	0.2605-0.5365i
34.9	--	1.8650-1.3036i	-1.5618-1.4531i	-2.6249+0.3182i	-0.2851+0.2001i	0.5441-0.4507i	0.1599+0.0076i	0.2957-0.6092i
35.0	--	1.9264-1.3563i	-1.5848-1.3197i	-2.7540+0.3588i	-0.3297+0.2484i	0.5563-0.4607i	0.1997+0.0082i	0.3181-0.6157i
35.1	--	1.9393-1.4291i	-1.5977-1.1273i	-2.7358+0.5116i	-0.3088+0.3069i	0.5779-0.4850i	0.2283-0.0536i	0.3127-0.6439i
35.2	--	1.9517-1.5170i	-1.5087-0.9934i	-2.6508+0.6742i	-0.2894+0.3535i	0.5717-0.5134i	0.1972-0.1405i	0.2761-0.7265i
35.3	--	1.9764-1.6057i	-1.4018-0.9332i	-2.6255+0.8277i	-0.2513+0.4121i	0.5930-0.5559i	0.2176-0.1970i	0.2804-0.7967i
35.4	--	1.9770-1.6945i	-1.2478-0.8729i	-2.5620+0.9123i	-0.2265+0.4388i	0.5874-0.6050i	0.1526-0.2515i	0.2614-0.8616i
35.5	--	1.9644-1.8248i	-1.0757-0.8356i	-2.5282+1.0946i	-0.1539+0.5207i	0.5959-0.6472i	0.1689-0.3399i	0.1855-0.9537i
35.6	--	1.9667-1.9325i	-0.9619-0.8823i	-2.5100+1.3026i	-0.1107+0.5955i	0.6051-0.7039i	0.1708-0.3998i	0.1537-1.0624i
35.7	--	1.9330-2.0491i	-0.8461-1.0379i	-2.3359+1.4134i	-0.0385+0.6344i	0.5564-0.8228i	0.1299-0.5235i	0.0814-1.2074i
35.8	--	1.8845-2.1314i	-0.8308-1.2347i	-2.1325+1.4689i	0.0360+0.6390i	0.5003-0.8956i	0.0182-0.5847i	-0.0406-1.2899i
35.9	--	1.8144-2.2785i	-0.9698-1.4387i	-2.0002+1.6032i	0.1198+0.6793i	0.3806-0.9689i	-0.1481-0.6484i	-0.2203-1.4210i
36.0	--	1.7734-2.3901i	-1.0862-1.4952i	-1.9164+1.6974i	0.1684+0.7322i	0.2937-0.9896i	-0.2245-0.6682i	-0.3521-1.5187i
36.1	--	1.6674-2.4828i	-1.3289-1.4788i	-1.7045+1.6954i	0.3333+0.7088i	0.2028-0.9751i	-0.3779-0.6810i	-0.6129-1.5163i
36.2	--	1.5847-2.5314i	-1.4427-1.4132i	-1.5524+1.7119i	0.4557+0.6630i	0.1604-0.9516i	-0.4840-0.6384i	-0.8114-1.4546i
36.3	--	1.4557-2.6219i	-1.5543-1.3161i	-1.2797+1.6925i	0.5961+0.5803i	0.0870-0.9531i	-0.6106-0.5977i	-1.0651-1.3881i
36.4	--	1.4222-2.6625i	-1.6082-1.2284i	-1.2277+1.5917i	0.6799+0.4877i	0.0547-0.9254i	-0.6861-0.5165i	-1.2143-1.2486i
36.5	--	1.3491-2.6803i	-1.6190-1.1119i	-1.0920+1.4521i	0.7019+0.3651i	0.0019-0.8617i	-0.7250-0.3821i	-1.3027-1.0302i
36.6	--	1.2872-2.7181i	-1.6445-0.9604i	-1.0695+1.4042i	0.7097+0.2432i	-0.0260-0.8267i	-0.7846-0.2901i	-1.3703-0.8579i
36.7	--	1.2059-2.7734i	-1.5694-0.8650i	-1.0298+1.3930i	0.7223+0.1706i	-0.0380-0.7905i	-0.7802-0.2158i	-1.4237-0.7453i
36.8	--	1.2190-2.8318i	-1.5473-0.8167i	-1.1135+1.3820i	0.7365+0.0819i	-0.0417-0.7372i	-0.8057-0.1371i	-1.4904-0.5717i
36.9	--	1.2061-2.9119i	-1.4716-0.8151i	-1.1259+1.4107i	0.7346-0.0069i	-0.0210-0.6562i	-0.8138-0.0597i	-1.5327-0.3682i
37.0	--	1.1117-2.9539i	-1.3814-0.8217i	-0.9867+1.3720i	0.7129-0.0878i	0.0260-0.6554i	-0.7713-0.0448i	-1.5224-0.2537i
37.1	--	1.0479-2.9851i	-1.3218-0.7912i	-0.8805+1.2459i	0.6952-0.2036i	0.0275-0.7341i	-0.7776-0.0481i	-1.5241-0.1448i

37.2	--	1.0326-3.1723i	-1.2955-0.8174i	-0.8926+1.4077i	0.6352-0.2886i	0.0286-0.7476i	-0.7947-0.0154i	-1.4716+0.0132i
37.3	--	0.9859-3.3231i	-1.2325-0.8545i	-0.9519+1.4653i	0.5636-0.3542i	0.0458-0.7097i	-0.7966+0.0490i	-1.4046+0.1767i
37.4	--	0.8343-3.4892i	-1.2005-0.9230i	-0.8311+1.5472i	0.4674-0.3952i	0.0703-0.6920i	-0.8330+0.0969i	-1.3030+0.3033i
37.5	--	0.7342-3.5731i	-1.1835-0.9939i	-0.7603+1.5318i	0.3795-0.4256i	0.0874-0.6998i	-0.8747+0.1726i	-1.1988+0.4118i
37.6	--	0.5804-3.6761i	-1.2031-1.1253i	-0.6217+1.5642i	0.3125-0.4182i	0.1302-0.7314i	-0.8739+0.2769i	-1.0593+0.4927i
37.7	--	0.3941-3.7765i	-1.1492-1.3073i	-0.4706+1.5316i	0.2420-0.3924i	0.1923-0.7845i	-0.8565+0.3857i	-0.9117+0.5195i
37.8	--	0.1505-3.8835i	-1.2473-1.5035i	-0.2701+1.4583i	0.2112-0.3688i	0.2344-0.8658i	-0.7841+0.4771i	-0.7716+0.5212i
37.9	--	-0.1125-3.9179i	-1.4843-1.7287i	-0.1089+1.3526i	0.1578-0.3699i	0.2079-1.0141i	-0.6709+0.5134i	-0.6058+0.4450i
38.0	--	-0.3833-3.9204i	-1.8493-1.9199i	-0.0427+1.1950i	0.0809-0.3481i	0.0862-1.1767i	-0.5902+0.4891i	-0.5135+0.2826i
38.1	--	-0.6393-3.8618i	-2.1712-1.8863i	-0.0114+1.1246i	0.0555-0.3073i	-0.0804-1.1721i	-0.6016+0.4506i	-0.5875+0.1788i
38.2	--	-0.9105-3.7432i	-2.5198-1.7543i	0.1321+1.1053i	0.0461-0.2516i	-0.1983-1.0830i	-0.6418+0.4739i	-0.6941+0.1558i
38.3	--	-1.0388-3.6107i	-2.7526-1.6656i	0.1808+1.0173i	0.0489-0.2088i	-0.2419-1.0197i	-0.6361+0.5340i	-0.7643+0.1848i
38.4	--	-1.1727-3.4349i	-3.0393-1.4988i	0.2560+0.7379i	0.0778-0.1914i	-0.2255-1.0111i	-0.6038+0.6378i	-0.7807+0.2619i
38.5	--	-1.2679-3.3262i	-3.4203-1.2751i	0.2411+0.5355i	0.0899-0.1848i	-0.2289-1.0266i	-0.5481+0.7032i	-0.7460+0.3362i
38.6	--	-1.3752-3.2150i	-3.7324-0.9656i	0.1887+0.3859i	0.0888-0.1793i	-0.2715-1.0273i	-0.4657+0.7383i	-0.6920+0.3835i
38.7	--	-1.4945-3.1247i	-4.0750-0.6324i	0.1573+0.2427i	0.0943-0.1866i	-0.3106-1.0451i	-0.3769+0.7697i	-0.6396+0.4116i
38.8	--	-1.6055-3.0256i	-4.2311-0.1727i	0.1599+0.1869i	0.0809-0.1948i	-0.3548-1.0555i	-0.3046+0.7579i	-0.5668+0.4125i
38.9	--	-1.6679-2.9444i	-4.1001+0.2805i	0.0857+0.1976i	0.0853-0.2020i	-0.3887-1.0458i	-0.2345+0.7366i	-0.5368+0.4226i
39.0	--	-1.7427-2.8119i	-3.8972+0.8784i	-0.0289+0.1484i	0.0706-0.2325i	-0.4193-1.0238i	-0.1479+0.6916i	-0.4621+0.4271i
39.1	--	-1.7876-2.7100i	-3.6993+1.3062i	-0.0658+0.0820i	0.0497-0.2573i	-0.4358-1.0400i	-0.1097+0.6475i	-0.4128+0.3935i
39.2	--	-1.8788-2.6095i	-3.4527+1.6777i	0.0112-0.0055i	0.0223-0.2651i	-0.4742-1.0670i	-0.1091+0.5919i	-0.4121+0.3497i
39.3	--	-1.9407-2.4724i	-3.1713+1.9244i	-0.0297-0.1709i	-0.0187-0.2505i	-0.5670-1.0837i	-0.1216+0.5668i	-0.4184+0.3324i
39.4	--	-1.9973-2.3824i	-2.8097+2.1128i	-0.0883-0.2747i	-0.0568-0.2323i	-0.6592-1.0683i	-0.1335+0.5667i	-0.4336+0.3331i
39.5	--	-2.0509-2.2377i	-2.3802+2.1326i	-0.2239-0.4264i	-0.0642-0.1965i	-0.7344-0.9877i	-0.1051+0.5676i	-0.4175+0.3404i
39.6	--	-2.0674-2.1216i	-2.2424+2.0572i	-0.4082-0.4818i	-0.0645-0.1802i	-0.7624-0.9251i	-0.0606+0.5799i	-0.3844+0.3620i
39.7	--	-2.1348-2.0010i	-2.2019+2.0957i	-0.4069-0.4504i	-0.0922-0.1429i	-0.7757-0.8790i	-0.0398+0.5547i	-0.3444+0.3302i
39.8	--	-2.1790-1.8778i	-1.9040+2.1576i	-0.3355-0.4915i	-0.0834-0.1105i	-0.7968-0.8303i	-0.0362+0.5395i	-0.3491+0.3224i
39.9	--	-2.1357-1.7470i	-1.4270+2.0635i	-0.5816-0.5230i	-0.0804-0.0944i	-0.8042-0.7616i	0.0088+0.5322i	-0.3248+0.3350i
40.0	--	-2.1266-1.5851i	-1.1845+2.0978i	-0.7739-0.6905i	-0.0696-0.0999i	-0.8154-0.7272i	0.0346+0.5396i	-0.2910+0.3296i
40.1	--	-2.1242-1.4552i	-1.1420+1.9361i	-0.7962-0.7910i	-0.0525-0.0888i	-0.8234-0.6967i	0.0373+0.5339i	-0.2899+0.3235i
40.2	--	-2.0925-1.3475i	-1.0501+1.8511i	-0.9084-0.8495i	-0.0422-0.0888i	-0.8214-0.6594i	0.0508+0.5255i	-0.2833+0.3120i
40.3	--	-2.0278-1.2756i	-0.9332+1.7006i	-1.1093-0.7729i	-0.0584-0.0845i	-0.8029-0.6364i	0.0896+0.5204i	-0.2726+0.2945i
40.4	--	-2.0064-1.1672i	-1.0785+1.6356i	-1.1589-0.8756i	-0.0450-0.0908i	-0.8074-0.6347i	0.1084+0.5213i	-0.2655+0.3007i
40.5	--	-1.9448-1.0845i	-0.9920+1.5076i	-1.4009-0.8683i	-0.0469-0.0937i	-0.8318-0.5914i	0.1528+0.4914i	-0.2508+0.3105i
40.6	--	-1.8891-1.0550i	-1.0203+1.3296i	-1.5816-0.6964i	-0.0663-0.0662i	-0.8230-0.5550i	0.2002+0.4436i	-0.2277+0.2752i
40.7	--	-1.8229-1.0018i	-1.1944+1.4133i	-1.7223-0.5898i	-0.0881-0.0552i	-0.8050-0.5333i	0.2086+0.3933i	-0.2064+0.2457i
40.8	--	-1.7730-0.9710i	-1.2355+1.5402i	-1.8214-0.4283i	-0.0982-0.0174i	-0.7691-0.5130i	0.2172+0.3342i	-0.1980+0.2319i
40.9	--	-1.7675-0.9386i	-1.2681+1.4965i	-1.8264-0.3550i	-0.0760-0.0079i	-0.7504-0.5240i	0.1980+0.2921i	-0.2079+0.2132i
41.0	--	-1.6753-0.8728i	-1.2666+1.7516i	-2.0793-0.3017i	-0.0975-0.0182i	-0.7355-0.5335i	0.2132+0.2792i	-0.1945+0.1868i
41.1	--	-1.6125-0.8574i	-0.9557+1.9408i	-2.0557-0.0551i	-0.0913+0.0208i	-0.7435-0.5470i	0.1969+0.2252i	-0.2037+0.1619i
41.2	--	-1.5834-0.8339i	-0.8246+2.1060i	-2.1191-0.0528i	-0.0856+0.0353i	-0.7575-0.5490i	0.1820+0.2033i	-0.2095+0.1474i
41.3	--	-1.5635-0.8337i	-0.6506+1.8067i	-2.1197+0.1494i	-0.0687+0.0649i	-0.7873-0.5552i	0.1563+0.1524i	-0.2142+0.1456i
41.4	--	-1.5124-0.8237i	-0.7206+2.0639i	-2.2654+0.2432i	-0.0630+0.0754i	-0.7757-0.5291i	0.1547+0.1192i	-0.2102+0.1191i
41.5	--	-1.4915-0.8177i	-0.4001+2.1688i	-2.2361+0.6434i	-0.0436+0.0903i	-0.8047-0.5526i	0.1037+0.0989i	-0.2309+0.1077i
41.6	--	-1.4504-0.8056i	-0.3792+2.0454i	-2.1732+0.6666i	-0.0393+0.0937i	-0.8183-0.5250i	0.1026+0.0901i	-0.2197+0.1028i
41.7	--	-1.4219-0.7895i	-0.4479+2.2136i	-2.3585+0.5109i	-0.0384+0.1070i	-0.7968-0.5317i	0.1155+0.0565i	-0.2070+0.0738i
41.8	--	-1.4601-0.8012i	-0.2785+2.1223i	-2.2450+0.7198i	-0.0052+0.1101i	-0.8227-0.5610i	0.0514+0.0274i	-0.2339+0.0569i
41.9	--	-1.4313-0.8100i	0.0808+2.1792i	-2.2268+1.0031i	-0.0184+0.1271i	-0.8600-0.5848i	0.0294-0.0051i	-0.2589+0.0450i
42.0	--	-1.4666-0.8127i	0.1424+1.8593i	-1.8326+1.1111i	0.0139+0.1544i	-0.9166-0.5836i	-0.0468-0.0318i	-0.2746+0.0506i
42.1	--	-1.5236-0.7899i	-0.2725+1.8684i	-1.5776+0.9312i	0.0590+0.1465i	-0.9363-0.5700i	-0.1221-0.0336i	-0.2913+0.0343i
42.2	--	-1.5636-0.7500i	-0.2444+1.9386i	-1.4412+0.9133i	0.0882+0.1532i	-0.9948-0.5648i	-0.1957-0.0243i	-0.3257+0.0265i
42.3	--	-1.5441-0.6703i	-0.2370+2.2673i	-1.3730+0.6615i	0.0994+0.1363i	-1.0494-0.5165i	-0.2608+0.0170i	-0.3517+0.0329i
42.4	--	-1.4961-0.6412i	0.1203+2.6303i	-1.7107+0.5153i	0.0906+0.1347i	-1.0767-0.5127i	-0.2627+0.0197i	-0.3696+0.0161i
42.5	--	-1.5399-0.6185i	0.5516+2.3908i	-1.5773+0.5819i	0.1260+0.1461i	-1.1523-0.5256i	-0.3964+0.0465i	-0.4295+0.0339i
42.6	--	-1.5162-0.6240i	0.7721+1.8696i	-1.5775+0.7638i	0.1525+0.1536i	-1.2221-0.4678i	-0.4779+0.0906i	-0.4564+0.0461i
42.7	--	-1.4696-0.5617i	0.8235+1.8091i	-1.6816+0.7136i	0.1751+0.1408i	-1.2707-0.3546i	-0.4819+0.2094i	-0.4769+0.0723i
42.8	--	-1.4667-0.5679i	0.8914+1.7134i	-1.6293+0.7945i	0.2032+0.1427i	-1.2632-0.2700i	-0.5040+0.2472i	-0.4911+0.0859i
42.9	--	-1.4393-0.5151i	1.0158+2.0300i	-1.8457+0.7231i	0.2049+0.1037i	-1.2649-0.1896i	-0.4579+0.3588i	-0.4975+0.1280i
43.0	--	-1.4017-0.5021i	1.5147+1.8726i	-1.9584+0.8656i	0.2159+0.0918i	-1.2729-0.1202i	-0.4637+0.4075i	-0.5211+0.1697i
43.1	--	-1.3941-0.4828i	1.6310+1.3455i	-1.9311+0.9073i	0.2425+0.0709i	-1.2567-0.0331i	-0.4674+0.4972i	-0.5459+0.2092i
43.2	--	-1.4353-0.4654i	1.4411+0.9540i	-1.6673+1.0001i	0.2873+0.0531i	-1.2447-0.0296i	-0.5410+0.5930i	-0.5712+0.2473i
43.3	--	-1.4709-0.3768i	0.9138+0.8124i	-1.3808+0.7298i	0.3318-0.0216i	-1.2384+0.0689i	-0.5069+0.8289i	-0.5595+0.3346i
43.4	--	-1.4658-0.3468i	0.6990+0.8531i	-1.2767+0.4178i	0.3398-0.0795i	-1.1793+0.1271i	-0.4224+0.9669i	-0.5380+0.3798i

43.5	--	-1.4269-0.3573i	0.8422+0.8800i	-1.5166+0.4876i	0.3186-0.0904i	-1.0958+0.1531i	-0.2892+0.9686i	-0.5295+0.3928i
43.6	--	-1.2918-0.3179i	1.6095+1.0162i	-2.1921+0.6193i	0.2252-0.0832i	-1.0551+0.2093i	-0.0288+0.8726i	-0.4792+0.4157i
43.7	--	-1.2402-0.3175i	1.6740+0.6811i	-2.4578+0.8505i	0.1811-0.0977i	-1.0203+0.2125i	0.1296+0.8394i	-0.4559+0.4354i
43.8	--	-1.2512-0.3289i	1.4096+0.4848i	-2.4078+1.1259i	0.1698-0.1065i	-0.9790+0.2256i	0.2253+0.8227i	-0.4363+0.4700i
43.9	--	-1.3061-0.3317i	1.0794+0.2579i	-1.8650+1.2540i	0.1884-0.0985i	-0.9703+0.2415i	0.2312+0.8633i	-0.4140+0.5244i
44.0	--	-1.2202-0.3393i	1.3423+0.1701i	-2.1614+1.4504i	0.1368-0.0440i	-0.9230+0.2670i	0.2753+0.6053i	-0.3744+0.5040i
44.1	--	-1.1585-0.4372i	1.3312-0.3146i	-2.1659+2.0666i	0.1462+0.0226i	-0.8594+0.2849i	0.1519+0.4075i	-0.3438+0.5111i
44.2	--	-1.2622-0.3641i	0.7263+0.1065i	-1.7498+1.5356i	0.1905-0.0360i	-0.8176+0.2613i	0.2135+0.4616i	-0.2644+0.5181i
44.3	--	-1.2233-0.2791i	1.0312+0.4797i	-1.8968+1.4543i	0.1591-0.0163i	-0.7779+0.2541i	0.1919+0.3976i	-0.2357+0.4876i
44.4	--	-1.1757-0.3120i	1.2258+0.0445i	-1.7299+1.6286i	0.1777+0.0006i	-0.7162+0.2291i	0.1163+0.4446i	-0.2057+0.4710i
44.5	--	-1.1497-0.3961i	1.1566-0.3752i	-1.7716+1.7652i	0.2047+0.0114i	-0.6865+0.1591i	0.1022+0.4685i	-0.1887+0.4434i
44.6	--	-1.1537-0.3427i	0.9905-0.3084i	-1.8479+1.9159i	0.1982+0.0102i	-0.6984+0.1425i	0.1641+0.4286i	-0.1652+0.4326i
44.7	--	-1.1106-0.3738i	0.7829-0.5589i	-1.4902+2.0622i	0.2517+0.0378i	-0.6950+0.1173i	0.1542+0.4470i	-0.1458+0.4088i
44.8	--	-1.0174-0.3617i	0.8052-0.2262i	-2.0742+1.8329i	0.2421+0.0402i	-0.6861+0.0873i	0.1634+0.2794i	-0.1443+0.3445i
44.9	--	-1.0649-0.3824i	0.6049-0.0386i	-2.1647+1.8316i	0.2686-0.0154i	-0.7470+0.0877i	0.1332+0.2441i	-0.1723+0.3295i
45.0	--	-1.0851-0.3523i	0.7477+0.2903i	-2.2914+1.6922i	0.2569-0.0722i	-0.7558+0.1352i	0.1371+0.2102i	-0.1776+0.3558i
45.1	--	-1.1149-0.3626i	1.0204+0.1863i	-2.2837+1.8469i	0.2510-0.0729i	-0.7201+0.1487i	0.0963+0.2223i	-0.1647+0.3628i
45.2	--	-1.1799-0.3180i	0.8821-0.0256i	-2.1062+1.7583i	0.2554-0.1018i	-0.7110+0.1348i	0.1302+0.2604i	-0.1469+0.3654i
45.3	--	-1.2400-0.3823i	0.7276-0.4997i	-1.5359+2.2158i	0.2944-0.0690i	-0.7117+0.0702i	0.0508+0.3669i	-0.1481+0.3318i
45.4	--	-1.1772-0.3946i	0.7438-0.7016i	-1.3481+2.6608i	0.3257-0.0346i	-0.7205+0.0149i	-0.0008+0.3932i	-0.1678+0.2970i
45.5	--	-1.1220-0.4137i	0.5596-0.6361i	-1.3101+2.5074i	0.3497-0.0496i	-0.7311-0.0167i	0.0241+0.3703i	-0.1653+0.2826i
45.6	--	-1.1600-0.4327i	0.4913-0.3952i	-1.4618+2.2739i	0.3528-0.1089i	-0.7950-0.0290i	0.0137+0.3228i	-0.1928+0.2778i
45.7	--	-1.2157-0.3580i	0.4214-0.2117i	-1.5386+2.1580i	0.3225-0.1810i	-0.8509+0.0210i	-0.0206+0.2991i	-0.2035+0.2929i
45.8	--	-1.2450-0.4077i	0.4759-0.3385i	-1.2927+2.4167i	0.3242-0.1761i	-0.8853+0.0616i	-0.0816+0.3807i	-0.2118+0.3100i
45.9	--	-1.2692-0.4152i	0.5829-0.3810i	-1.1849+2.5698i	0.3097-0.1799i	-0.9123+0.1061i	-0.1317+0.4357i	-0.2298+0.3247i
46.0	--	-1.2594-0.4058i	0.6919-0.4853i	-1.2365+2.8202i	0.3063-0.1296i	-0.8989+0.1267i	-0.1713+0.4832i	-0.2519+0.3240i
46.1	--	-1.2638-0.3516i	0.5757-0.5257i	-1.0372+2.8663i	0.3036-0.1466i	-0.9025+0.1417i	-0.1782+0.5786i	-0.2326+0.3436i
46.2	--	-1.2691-0.3015i	0.4297-0.5004i	-0.8703+2.5441i	0.3013-0.2030i	-0.9179+0.1785i	-0.1095+0.6402i	-0.2310+0.3531i
46.3	--	-1.2851-0.2938i	0.3179-0.4516i	-0.8301+2.3296i	0.2562-0.2327i	-0.9116+0.2417i	-0.0537+0.6993i	-0.2173+0.3807i
46.4	--	-1.2699-0.3474i	0.4379-0.5746i	-0.8288+2.6386i	0.2317-0.2060i	-0.8938+0.2659i	-0.0506+0.8016i	-0.2190+0.3899i
46.5	--	-1.2951-0.3580i	0.4685-0.6640i	-0.7612+2.9298i	0.2274-0.1681i	-0.8552+0.2579i	0.0026+0.8619i	-0.1945+0.3869i
46.6	--	-1.3563-0.3106i	0.4062-0.6663i	-0.3937+2.7645i	0.2437-0.1854i	-0.8432+0.2853i	0.0978+0.8857i	-0.1685+0.4193i
46.7	--	-1.3231-0.2999i	0.5827-0.7946i	-0.4814+2.8105i	0.2355-0.1360i	-0.8200+0.2715i	0.1534+0.9019i	-0.1771+0.4009i
46.8	--	-1.3299-0.2976i	0.4731-0.9927i	-0.4999+2.9103i	0.2390-0.1141i	-0.8262+0.2528i	0.2202+0.9131i	-0.1698+0.3896i
46.9	--	-1.3717-0.2967i	0.2505-1.0263i	-0.2410+2.9228i	0.2730-0.1268i	-0.8411+0.2798i	0.3094+0.9189i	-0.1652+0.3943i
47.0	--	-1.3465-0.2967i	0.2280-1.0382i	-0.2836+3.1253i	0.2949-0.0935i	-0.8243+0.2977i	0.3998+0.9361i	-0.1648+0.3953i
47.1	--	-1.3687-0.2659i	-0.0140-1.0542i	-0.2634+3.1079i	0.3185-0.1073i	-0.8137+0.3080i	0.4944+0.9076i	-0.1582+0.3979i
47.2	--	-1.4517-0.2155i	-0.2745-1.0118i	0.1233+2.8904i	0.3551-0.1590i	-0.8084+0.3326i	0.5898+0.8513i	-0.1387+0.4031i
47.3	--	-1.4899-0.1705i	-0.3417-0.9436i	0.5104+2.7396i	0.3968-0.1848i	-0.8030+0.3251i	0.6655+0.7883i	-0.1389+0.4010i
47.4	--	-1.4337-0.1439i	-0.2278-0.7918i	0.4936+2.7844i	0.3903-0.1734i	-0.7890+0.2953i	0.6931+0.7253i	-0.1361+0.3807i
47.5	--	-1.4135-0.1471i	-0.2520-0.8840i	0.4274+2.6887i	0.4061-0.2091i	-0.7891+0.2604i	0.7650+0.6463i	-0.1236+0.3806i
47.6	--	-1.4755-0.1157i	-0.4914-0.8550i	0.6168+2.5179i	0.4278-0.2654i	-0.8381+0.3020i	0.7889+0.5616i	-0.1327+0.3873i
47.7	--	-1.4624-0.0315i	-0.5051-0.7196i	0.4419+2.2014i	0.4066-0.3042i	-0.8257+0.3413i	0.8007+0.4752i	-0.1457+0.3948i
47.8	--	-1.4461-0.0154i	-0.5348-0.6014i	0.3819+2.2382i	0.4010-0.3229i	-0.8255+0.3412i	0.7898+0.4086i	-0.1592+0.3979i
47.9	--	-1.4586+0.0447i	-0.4783-0.5147i	0.5170+2.2176i	0.3946-0.3642i	-0.8305+0.3566i	0.7722+0.3304i	-0.1594+0.4006i
48.0	--	-1.4526+0.1306i	-0.4606-0.3737i	0.5302+1.7963i	0.3459-0.4250i	-0.8095+0.3937i	0.7415+0.2465i	-0.1215+0.4129i
48.1	--	-1.4399+0.1284i	-0.3765-0.4603i	0.6120+1.7473i	0.3135-0.4564i	-0.8051+0.3764i	0.6896+0.1598i	-0.1140+0.4280i
48.2	--	-1.4070+0.1133i	-0.3194-0.5262i	0.4720+1.9485i	0.2855-0.4721i	-0.8098+0.3707i	0.6302+0.0974i	-0.1147+0.4504i
48.3	--	-1.3534+0.1313i	-0.2343-0.5595i	0.3399+2.0232i	0.2597-0.4616i	-0.7953+0.3801i	0.5810+0.1209i	-0.1063+0.4517i
48.4	--	-1.3267+0.1424i	-0.3875-0.6991i	0.3713+1.9690i	0.2471-0.4315i	-0.7904+0.3843i	0.5515+0.0959i	-0.0947+0.4237i
48.5	--	-1.3429+0.1653i	-0.4752-0.6513i	0.4977+1.9499i	0.2469-0.4553i	-0.7987+0.3929i	0.5060+0.0647i	-0.1046+0.4234i
48.6	--	-1.3040+0.1514i	-0.5225-0.6980i	0.4607+2.0028i	0.2140-0.4557i	-0.8229+0.4145i	0.4128+0.0893i	-0.0997+0.4298i
48.7	--	-1.2553+0.1450i	-0.6017-0.6656i	0.4209+2.0662i	0.2026-0.4268i	-0.8101+0.4394i	0.3625+0.1385i	-0.0889+0.4182i
48.8	--	-1.2860+0.1970i	-0.7011-0.3687i	0.3563+1.8890i	0.1567-0.4174i	-0.7428+0.4754i	0.3568+0.1892i	-0.0729+0.4088i
48.9	--	-1.2743+0.2176i	-0.5885-0.3229i	0.2330+1.8285i	0.1548-0.4248i	-0.7226+0.4456i	0.3846+0.2364i	-0.0801+0.4217i
49.0	--	-1.2655+0.2313i	-0.6049-0.3668i	0.2896+1.7256i	0.1284-0.4219i	-0.7339+0.4542i	0.3788+0.2773i	-0.0547+0.4196i
49.1	--	-1.2708+0.2438i	-0.6142-0.3777i	0.2653+1.7763i	0.1345-0.3968i	-0.7423+0.4480i	0.3989+0.3124i	-0.0537+0.4023i
49.2	--	-1.2740+0.2402i	-0.5938-0.3938i	0.3280+1.8071i	0.1483-0.3848i	-0.7433+0.4424i	0.4567+0.3917i	-0.0543+0.4228i
49.3	--	-1.3046+0.2181i	-0.5913-0.3985i	0.4761+1.8121i	0.1368-0.3917i	-0.7302+0.4547i	0.5236+0.3818i	-0.0245+0.4159i
49.4	--	-1.3044+0.2063i	-0.6220-0.3911i	0.5527+1.8744i	0.1243-0.3928i	-0.7226+0.4385i	0.5340+0.3892i	-0.0035+0.4125i
49.5	--	-1.3070+0.2611i	-0.6091-0.3943i	0.5305+1.6154i	0.1107-0.3912i	-0.7003+0.4140i	0.5528+0.3308i	0.0028+0.4109i
49.6	--	-1.2935+0.2313i	-0.5171-0.5685i	0.3220+1.7155i	0.1074-0.4005i	-0.7394+0.3646i	0.5365+0.2830i	0.0167+0.3992i
49.7	--	-1.3427+0.2118i	-0.7251-0.6718i	0.5095+1.8312i	0.1103-0.3734i	-0.8101+0.3753i	0.5850+0.2833i	0.0197+0.3787i

49.8	--	-1.3820+0.2130i	-0.9145-0.6241i	0.8197+1.8770i	0.1332-0.3488i	-0.8462+0.3923i	0.6202+0.2871i	0.0018+0.3689i
49.9	--	-1.3722+0.2718i	-0.9613-0.3857i	0.7241+1.7783i	0.1115-0.3375i	-0.8502+0.3669i	0.6223+0.2714i	0.0003+0.3360i
50.0	--	-1.3576+0.3219i	-0.8697-0.3947i	0.5371+1.6900i	0.1116-0.3690i	-0.8738+0.4121i	0.5945+0.2439i	0.0016+0.3474i
50.1	--	-1.3938+0.3785i	-0.9028-0.3202i	0.5048+1.5699i	0.1157-0.3892i	-0.8976+0.4668i	0.6310+0.2066i	-0.0108+0.3532i
50.2	--	-1.4060+0.4663i	-0.9407-0.2236i	0.4220+1.3779i	0.1234-0.3942i	-0.8683+0.5033i	0.6706+0.1810i	-0.0064+0.3481i
50.3	--	-1.3866+0.4692i	-0.9849-0.2416i	0.4101+1.4717i	0.1505-0.3543i	-0.8876+0.5340i	0.6959+0.1898i	-0.0358+0.3273i
50.4	--	-1.4066+0.4533i	-1.0026-0.2485i	0.5417+1.6400i	0.1462-0.3194i	-0.8931+0.5533i	0.6661+0.2014i	-0.0233+0.3225i
50.5	--	-1.4302+0.5043i	-1.0476-0.1454i	0.7448+1.5746i	0.1863-0.3613i	-0.9138+0.5701i	0.7110+0.1440i	-0.0268+0.3524i
50.6	--	-1.3962+0.5716i	-0.9580-0.0005i	0.6546+1.5107i	0.1969-0.3794i	-0.9334+0.5456i	0.7377+0.1309i	-0.0457+0.3567i
50.7	--	-1.3975+0.6187i	-0.8388-0.1244i	0.7881+1.3913i	0.2231-0.3964i	-0.9397+0.5677i	0.7717+0.0951i	-0.0476+0.3671i
50.8	--	-1.3380+0.6062i	-0.7629-0.2399i	0.6452+1.4770i	0.2506-0.4094i	-0.9872+0.5970i	0.8090+0.0537i	-0.0578+0.3693i
50.9	--	-1.3049+0.6528i	-0.8912-0.2687i	0.4087+1.6288i	0.2172-0.4064i	-0.9914+0.5943i	0.7709+0.0249i	-0.0543+0.3581i
51.0	--	-1.2860+0.6834i	-0.9017-0.1732i	0.5001+1.6475i	0.2086-0.4114i	-1.0096+0.6373i	0.7719+0.0258i	-0.0416+0.3663i
51.1	--	-1.3197+0.7071i	-1.0000-0.2377i	0.6647+1.6658i	0.2392-0.4380i	-1.0790+0.7471i	0.7889-0.0431i	-0.0627+0.3722i
51.2	--	-1.2238+0.7760i	-1.0483+0.1180i	0.5181+1.7031i	0.2735-0.4400i	-1.0717+0.7401i	0.7994-0.0571i	-0.0705+0.3824i
51.3	--	-1.2281+0.7349i	-0.7426-0.0235i	0.6137+1.5221i	0.2993-0.5377i	-1.1120+0.8290i	0.8366-0.1511i	-0.0840+0.4078i
51.4	--	-1.1698+0.7670i	-0.7256-0.3434i	0.6008+1.7809i	0.2783-0.5371i	-1.1209+0.9132i	0.8195-0.2264i	-0.0753+0.3819i
51.5	--	-1.1369+0.8012i	-0.9462-0.4463i	0.6211+1.9597i	0.2467-0.5513i	-1.0922+1.0386i	0.7543-0.2926i	-0.0739+0.3906i
51.6	--	-1.1264+0.8237i	-1.1423-0.2970i	0.8249+2.0114i	0.2321-0.5821i	-1.0044+1.2116i	0.6647-0.3561i	-0.0788+0.4157i
51.7	--	-1.0686+0.8508i	-1.1082-0.1547i	0.7226+1.9188i	0.1850-0.5492i	-0.8299+1.1829i	0.5706-0.3533i	-0.0983+0.4012i
51.8	--	-1.0860+0.9144i	-1.0950-0.1221i	0.7048+1.8202i	0.1718-0.5345i	-0.7066+1.1051i	0.5145-0.3135i	-0.1120+0.4023i
51.9	--	-1.1183+0.9723i	-1.2018-0.2651i	0.8162+1.5834i	0.2032-0.5862i	-0.7139+1.0474i	0.4937-0.2976i	-0.1019+0.4348i
52.0	--	-1.1097+1.0178i	-1.3096-0.1414i	0.9082+1.4818i	0.2259-0.6276i	-0.7066+1.0880i	0.4662-0.2668i	-0.0960+0.4607i
52.1	--	-1.0716+0.9702i	-1.2710+0.0199i	1.2202+1.5183i	0.2784-0.6484i	-0.6760+1.1551i	0.5034-0.2107i	-0.1014+0.4886i
52.2	--	-1.0215+0.9627i	-1.2792+0.1090i	1.3383+1.5723i	0.3232-0.6829i	-0.6408+1.1642i	0.5539-0.2006i	-0.1267+0.5172i
52.3	--	-1.0433+0.9714i	-1.2306+0.1686i	1.4767+1.4015i	0.3547-0.7951i	-0.5750+1.1212i	0.6363-0.2620i	-0.1254+0.5668i
52.4	--	-0.9473+0.9684i	-1.1901+0.0754i	1.3784+1.4417i	0.3214-0.8629i	-0.6447+1.0629i	0.6558-0.3782i	-0.1345+0.5963i
52.5	--	-0.8989+1.1077i	-1.2917+0.1670i	1.1322+1.1929i	0.2566-0.9514i	-0.6183+1.0498i	0.5596-0.5275i	-0.1071+0.6226i
52.6	--	-0.8410+1.1410i	-1.2421+0.2510i	0.9176+1.1007i	0.1532-1.0525i	-0.6204+1.0412i	0.4382-0.6239i	-0.0763+0.6729i
52.7	--	-0.8214+1.0773i	-1.0657+0.1355i	1.0618+1.1252i	0.0413-1.0965i	-0.6327+1.0542i	0.2870-0.6194i	-0.0187+0.7103i
52.8	--	-0.7216+1.0215i	-1.1083-0.1005i	1.2379+1.5142i	-0.0353-1.0699i	-0.7276+1.1012i	0.1590-0.5664i	0.0220+0.7311i
52.9	--	-0.6614+1.0815i	-1.4214-0.1953i	0.9300+1.3736i	-0.1758-1.0585i	-0.7958+1.1619i	0.0245-0.4511i	0.0645+0.7488i
53.0	--	-0.5829+1.0893i	-1.8655-0.0136i	1.0825+1.5160i	-0.1923-0.9273i	-0.7851+1.2631i	-0.0031-0.1973i	0.1505+0.7087i
53.1	--	-0.6166+1.0761i	-1.8800+0.1477i	1.0882+1.3647i	-0.1860-0.9312i	-0.7190+1.3047i	0.0745-0.1550i	0.1875+0.6984i
53.2	--	-0.6518+1.1713i	-2.0806+0.3151i	1.1046+0.7660i	-0.2715-1.0222i	-0.5909+1.3952i	0.1140-0.1176i	0.2259+0.6932i
53.3	--	-0.5576+1.1213i	-1.8653+0.7951i	0.9929+0.7913i	-0.3424-1.0148i	-0.4320+1.4580i	0.1753-0.0506i	0.2470+0.6687i
53.4	--	-0.5360+1.0726i	-1.5016+0.7990i	1.1150+0.8838i	-0.3723-0.9345i	-0.3043+1.3190i	0.2741+0.0017i	0.2303+0.6479i
53.5	--	-0.5168+1.0886i	-1.3995+0.3806i	1.1687+0.7955i	-0.4213-0.8885i	-0.3618+1.1455i	0.3566-0.0258i	0.2532+0.6199i
53.6	--	-0.4709+1.0536i	-1.8667+0.4316i	1.1588+0.7211i	-0.4311-0.8405i	-0.5110+1.1629i	0.4108-0.0614i	0.2640+0.5800i
53.7	--	-0.4371+1.0586i	-1.9091+0.9760i	1.0764+0.7982i	-0.3884-0.7735i	-0.5614+1.1991i	0.4671-0.1305i	0.1860+0.5905i
53.8	--	-0.3480+1.0502i	-1.8591+1.0381i	0.9344+0.8945i	-0.3514-0.7438i	-0.6413+1.2643i	0.4656-0.2148i	0.1599+0.6067i
53.9	--	-0.3040+1.0260i	-1.8633+1.2960i	0.7803+0.8361i	-0.3299-0.8024i	-0.6537+1.4075i	0.4388-0.2907i	0.1540+0.6505i
54.0	--	-0.2779+1.0037i	-1.7836+1.3422i	0.5861+0.9199i	-0.3752-0.8621i	-0.5903+1.4829i	0.3773-0.3880i	0.2079+0.7283i
54.1	--	-0.3265+1.0366i	-1.7497+1.4185i	0.7371+0.6896i	-0.4636-0.9100i	-0.5595+1.5658i	0.2699-0.4221i	0.2948+0.7740i
54.2	--	-0.2456+1.0031i	-1.7778+1.4789i	0.5865+0.8386i	-0.5346-0.8277i	-0.5058+1.6709i	0.1804-0.3576i	0.3643+0.7266i
54.3	--	-0.2364+0.9637i	-1.8109+1.7636i	0.6142+0.8126i	-0.5295-0.7947i	-0.3678+1.7198i	0.1541-0.2609i	0.3830+0.6827i
54.4	--	-0.3297+0.9781i	-1.3981+1.9504i	0.7755+0.4823i	-0.4921-0.8280i	-0.1687+1.6787i	0.2010-0.1830i	0.3993+0.6957i
54.5	--	-0.2120+0.9885i	-0.9852+2.0398i	0.4605+0.6774i	-0.4590-0.8132i	-0.1099+1.6441i	0.3256-0.1647i	0.3992+0.7054i
54.6	--	-0.2102+0.9625i	-0.7275+1.8154i	0.5608+0.6750i	-0.4977-0.8748i	-0.0878+1.5978i	0.3332-0.2253i	0.4474+0.7297i
54.7	--	-0.1844+0.9382i	-0.7135+1.5789i	0.6467+0.7564i	-0.5600-0.9035i	-0.0866+1.6287i	0.3001-0.2688i	0.5189+0.7281i
54.8	--	-0.2254+0.9155i	-0.9361+1.5141i	0.8087+0.6704i	-0.6559-0.9346i	0.0011+1.7196i	0.2164-0.2951i	0.6056+0.6757i
54.9	--	-0.1733+0.9384i	-0.8591+1.7611i	0.6892+0.7861i	-0.7186-0.9045i	0.1540+1.7768i	0.1922-0.2763i	0.6300+0.6538i
55.0	--	-0.1138+0.9143i	-0.6656+1.7811i	0.6684+0.8356i	-0.7570-0.8871i	0.2562+1.7156i	0.1852-0.2693i	0.6568+0.6550i
55.1	--	-0.0880+0.8915i	-0.5854+1.7422i	0.5552+0.8250i	-0.8018-0.8464i	0.3115+1.6628i	0.2106-0.2480i	0.6859+0.6168i
55.2	--	-0.0395+0.8365i	-0.5359+1.6915i	0.4779+0.8511i	-0.8551-0.8355i	0.3900+1.5861i	0.2469-0.2318i	0.7176+0.5835i
55.3	--	-0.0828+0.7548i	-0.5196+1.5322i	0.5292+0.6980i	-0.9122-0.8615i	0.4511+1.4527i	0.2536-0.2744i	0.7598+0.5519i
55.4	--	-0.0739+0.7145i	-0.4839+1.4839i	0.4814+0.7856i	-0.9487-0.8176i	0.4484+1.3510i	0.2505-0.3018i	0.7896+0.5062i
55.5	--	-0.0943+0.7531i	-0.6681+1.4750i	0.4483+0.6757i	-1.0438-0.7928i	0.3981+1.2730i	0.2223-0.3157i	0.8065+0.4382i
55.6	--	-0.1425+0.7394i	-0.6533+1.5828i	0.6390+0.7012i	-1.0766-0.7852i	0.4014+1.2093i	0.1921-0.3639i	0.7942+0.4019i
55.7	--	-0.1146+0.7452i	-0.5231+1.6438i	0.5434+0.7792i	-1.1411-0.7655i	0.3444+1.1538i	0.1450-0.3870i	0.8116+0.3708i
55.8	--	-0.1052+0.7138i	-0.4770+1.6147i	0.4387+0.7011i	-1.2286-0.7311i	0.2628+1.1274i	0.1115-0.3736i	0.8339+0.3300i
55.9	--	-0.1097+0.6570i	-0.3343+1.5623i	0.6734+0.9729i	-1.2533-0.6761i	0.2561+1.1914i	0.0431-0.3827i	0.8464+0.3263i
56.0	--	-0.0986+0.6219i	-0.3065+1.4481i	0.8197+1.1582i	-1.3044-0.5908i	0.2199+1.2387i	-0.0052-0.3579i	0.8738+0.2742i

56.1	--	-0.1405+0.6301i	-0.4854+1.6226i	0.6859+1.2067i	-1.3838-0.4581i	0.2347+1.3602i	-0.0556-0.3346i	0.8559+0.1833i
56.2	--	-0.1289+0.6807i	-0.4916+1.7599i	0.4063+1.1891i	-1.4796-0.3217i	0.2476+1.3726i	-0.0552-0.2829i	0.8522+0.1375i
56.3	--	-0.1360+0.6721i	-0.4567+1.7596i	0.3493+1.2545i	-1.5000-0.1842i	0.2465+1.4012i	-0.0573-0.2417i	0.8300+0.0809i
56.4	--	-0.1347+0.6272i	-0.3529+1.6735i	0.6182+1.1493i	-1.4974-0.1326i	0.2752+1.3654i	-0.0368-0.1738i	0.8189+0.0619i
56.5	--	-0.1420+0.5886i	-0.1730+1.5985i	0.9473+1.0180i	-1.4973-0.0697i	0.3647+1.3681i	-0.0506-0.1116i	0.8176+0.0385i
56.6	--	-0.1542+0.6015i	-0.1860+1.5662i	0.7507+0.9184i	-1.4958+0.0385i	0.3499+1.3718i	-0.0035-0.1116i	0.7849+0.0007i
56.7	--	-0.1274+0.5764i	-0.1006+1.5238i	0.8398+1.0073i	-1.4559+0.1381i	0.3797+1.3646i	0.0379-0.0756i	0.7790-0.0272i
56.8	--	-0.1363+0.5538i	-0.0480+1.4640i	0.9791+0.9504i	-1.4400+0.2285i	0.4069+1.3843i	0.0561-0.0520i	0.8014-0.0624i
56.9	--	-0.1362+0.5714i	-0.0741+1.5014i	0.9379+0.9673i	-1.3608+0.3235i	0.4462+1.4083i	0.0689-0.0423i	0.7736-0.0969i
57.0	--	-0.1181+0.5946i	-0.0653+1.4625i	0.9241+0.9206i	-1.3066+0.4268i	0.4898+1.4273i	0.0847-0.0441i	0.7725-0.1673i
57.1	--	-0.1700+0.5887i	-0.1113+1.3623i	0.8964+0.7670i	-1.2736+0.5118i	0.5052+1.4615i	0.0848-0.0700i	0.7727-0.2246i
57.2	--	-0.1970+0.5821i	-0.2477+1.4052i	0.8167+0.6701i	-1.1993+0.6177i	0.6151+1.5092i	0.0967-0.0662i	0.6899-0.2753i
57.3	--	-0.1437+0.5970i	-0.2033+1.4989i	0.6948+0.6268i	-1.0659+0.6614i	0.7092+1.4766i	0.1328-0.0766i	0.6414-0.2897i
57.4	--	-0.2027+0.5645i	-0.2556+1.5069i	0.4165+0.6160i	-1.0040+0.6895i	0.7042+1.4840i	0.1252-0.1025i	0.6011-0.2926i
57.5	--	-0.1952+0.5464i	-0.2225+1.5331i	0.4340+0.5758i	-0.9432+0.7004i	0.7493+1.4725i	0.1083-0.0976i	0.5696-0.3126i
57.6	--	-0.2093+0.5343i	-0.1786+1.5830i	0.3734+0.6234i	-0.8386+0.7299i	0.8273+1.4547i	0.0997-0.1012i	0.5231-0.3250i
57.7	--	-0.1951+0.5280i	-0.1067+1.6353i	0.4823+0.8537i	-0.7514+0.7176i	0.9209+1.4507i	0.0926-0.0832i	0.4921-0.3141i
57.8	--	-0.2221+0.5876i	-0.0692+1.6698i	0.3714+0.8100i	-0.6984+0.7220i	0.9610+1.4293i	0.0951-0.0615i	0.4760-0.3228i
57.9	--	-0.2296+0.6101i	-0.0626+1.5931i	0.2127+0.9246i	-0.6179+0.7228i	1.0263+1.3832i	0.1322-0.0352i	0.4053-0.3279i
58.0	--	-0.2613+0.6307i	-0.0488+1.5045i	0.1354+0.9149i	-0.5827+0.6814i	1.0638+1.3491i	0.1907-0.0361i	0.3829-0.3382i
58.1	--	-0.2379+0.6331i	-0.0360+1.6204i	0.3631+1.0049i	-0.5496+0.6419i	1.1733+1.2945i	0.2188-0.0839i	0.3460-0.3010i
58.2	--	-0.2403+0.6619i	0.0070+1.7121i	0.4752+0.9786i	-0.5481+0.6070i	1.2012+1.2173i	0.2370-0.1016i	0.3608-0.3133i
58.3	--	-0.2261+0.6352i	0.1187+1.7220i	0.6528+1.0755i	-0.5438+0.5984i	1.2129+1.1613i	0.2351-0.1034i	0.3558-0.3352i
58.4	--	-0.1931+0.5988i	0.1730+1.6591i	0.7796+1.2546i	-0.5041+0.6154i	1.2460+1.0768i	0.2311-0.1239i	0.2949-0.3372i
58.5	--	-0.2412+0.6611i	0.0807+1.6612i	0.6141+1.0962i	-0.5200+0.6526i	1.2480+1.0422i	0.2384-0.1363i	0.2495-0.3757i
58.6	--	-0.2857+0.7461i	-0.0321+1.7341i	0.5252+1.1539i	-0.4741+0.7128i	1.3299+1.0273i	0.2308-0.1518i	0.2183-0.3267i
58.7	--	-0.2085+0.7608i	0.1181+1.8075i	0.6610+1.3032i	-0.3993+0.6926i	1.3814+0.9220i	0.2178-0.1797i	0.2062-0.2626i
58.8	--	-0.1690+0.7860i	0.2649+1.8862i	0.8119+1.2995i	-0.3594+0.6678i	1.3731+0.8072i	0.2205-0.1967i	0.2052-0.2588i
58.9	--	-0.1697+0.8257i	0.2436+1.9062i	0.7437+1.3274i	-0.3476+0.6593i	1.3550+0.7735i	0.2137-0.2157i	0.1888-0.2647i
59.0	--	-0.0947+0.8488i	0.3951+1.9033i	0.8541+1.2615i	-0.2256+0.6484i	1.3812+0.7102i	0.2139-0.2075i	0.2017-0.2163i
59.1	--	0.0066+0.9080i	0.4655+1.9352i	0.9721+1.3580i	-0.0847+0.6699i	1.4444+0.6376i	0.2333-0.1899i	0.1975-0.1546i
59.2	--	-0.0652+0.8640i	0.4216+1.7530i	0.8977+1.1523i	-0.1968+0.6287i	1.3535+0.5811i	0.1708-0.1995i	0.2308-0.2288i
59.3	--	0.0498+0.8227i	0.6052+1.8016i	1.0909+1.2053i	-0.1657+0.6066i	1.3374+0.5095i	0.1594-0.1907i	0.1965-0.2741i
59.4	--	0.1110+0.8650i	0.6614+1.8140i	0.9472+1.2936i	-0.1477+0.6082i	1.3304+0.4616i	0.1685-0.1854i	0.1390-0.2935i
59.5	--	0.0564+0.7486i	0.6865+1.6259i	1.0544+0.8235i	-0.1688+0.5726i	1.2704+0.4323i	0.1912-0.1787i	0.1200-0.2715i
59.6	--	0.0430+0.6877i	0.6708+1.5266i	1.0452+0.7135i	-0.1665+0.5385i	1.2236+0.3898i	0.1980-0.1833i	0.0989-0.2676i
59.7	--	0.1041+0.6568i	0.6106+1.5610i	0.9275+0.8431i	-0.1505+0.5034i	1.1771+0.3682i	0.1957-0.1950i	0.0539-0.2750i
59.8	--	0.1178+0.6585i	0.6611+1.5709i	0.9710+1.0232i	-0.1281+0.5062i	1.1623+0.3143i	0.1637-0.1881i	0.0604-0.2648i
59.9	--	1.4646-1.6759i	1.9480-0.6537i	1.4334+0.3253i	-0.1172+0.5744i	1.1288+0.3002i	0.1961-0.1357i	0.0315-0.2551i
60.0	--	3.5910-4.0307i	4.0113-2.9275i	1.6413-0.2552i	-0.0774+0.5089i	1.2003+0.2783i	0.2153-0.2426i	-0.0098-0.2506i
60.1	--	3.5968-2.7969i	4.0643-1.7390i	1.9467+0.1100i	-0.0773+0.4641i	1.1359+0.2515i	0.1956-0.2300i	-0.0220-0.1967i
60.2	--	0.0443+0.6500i	0.5500+1.5230i	0.9649+1.0870i	-0.0508+0.4730i	1.1267+0.2428i	0.1773-0.2817i	-0.0478-0.1456i
60.3	--	0.0761+0.5769i	0.6310+1.4826i	1.0666+1.0062i	-0.0380+0.4703i	1.1413+0.2284i	0.1717-0.2953i	-0.0476-0.1265i
60.4	--	0.0590+0.6592i	0.5778+1.4865i	0.8065+1.1269i	-0.0071+0.4583i	1.1428+0.1930i	0.1620-0.3272i	-0.0765-0.0980i
60.5	--	0.0451+0.6398i	0.6117+1.4934i	0.7295+1.0125i	0.0065+0.4266i	1.0830+0.1269i	0.1489-0.3891i	-0.1076-0.0170i
60.6	--	0.0899+0.5745i	0.6635+1.5287i	0.8578+0.9675i	-0.0072+0.4015i	1.0661+0.0945i	0.0956-0.3831i	-0.0966+0.0016i
60.7	--	0.0977+0.5894i	0.6995+1.5197i	0.7909+1.1079i	-0.0281+0.3788i	1.0186+0.0386i	0.0272-0.3345i	-0.0576+0.0169i
60.8	--	0.1438+0.5898i	0.7193+1.5869i	0.9515+1.2973i	-0.0540+0.3682i	0.9637+0.0310i	-0.0163-0.2789i	-0.0166+0.0167i
60.9	--	0.1206+0.5919i	0.7170+1.5760i	1.0586+1.3128i	-0.0648+0.3694i	0.9263+0.0341i	-0.0066-0.2370i	-0.0163-0.0167i
61.0	--	0.1102+0.5889i	0.7138+1.5753i	1.1008+1.2954i	-0.0498+0.4017i	0.9279+0.0284i	-0.0020-0.2229i	-0.0426+0.0154i
61.1	--	0.0674+0.5280i	0.7873+1.5126i	1.1618+1.0484i	-0.0491+0.4189i	0.8875+0.0328i	0.0105-0.2538i	-0.0579+0.0698i
61.2	--	0.0823+0.5271i	0.8533+1.5067i	1.0799+1.1646i	-0.0102+0.4278i	0.8477-0.0060i	-0.0073-0.2582i	-0.0153+0.1213i
61.3	--	0.1098+0.5532i	0.8650+1.5106i	1.0175+1.2845i	0.0429+0.4157i	0.8313-0.0488i	-0.0618-0.2458i	0.0418+0.1512i
61.4	--	0.0623+0.5393i	0.9007+1.4296i	1.0498+1.0889i	0.0385+0.4025i	0.7762-0.0206i	-0.0824-0.1995i	0.0847+0.1678i
61.5	--	0.0434+0.5063i	0.9223+1.4368i	1.0886+1.1079i	0.0421+0.3956i	0.7300-0.0080i	-0.0735-0.1531i	0.1532+0.1506i
61.6	--	0.0462+0.4907i	0.9367+1.4940i	1.1154+1.2077i	0.0570+0.3970i	0.6842-0.0147i	-0.0684-0.1286i	0.2031+0.1253i
61.7	--	0.0740+0.5326i	0.9297+1.5648i	1.1578+1.3650i	0.0777+0.4023i	0.6513-0.0106i	-0.0411-0.1112i	0.1815+0.0842i
61.8	--	0.0372+0.6055i	0.8890+1.5578i	1.1423+1.5427i	0.1139+0.4154i	0.6064+0.0272i	-0.0440-0.1149i	0.1762+0.0232i
61.9	--	-0.0073+0.5709i	0.9869+1.4699i	1.3531+1.4039i	0.1743+0.4025i	0.5597+0.1053i	-0.0219-0.1126i	0.1514+0.0103i
62.0	--	0.0021+0.5475i	1.0228+1.4503i	1.4627+1.2917i	0.1843+0.3954i	0.5446+0.1892i	0.0110-0.1244i	0.1261+0.0336i
62.1	--	0.0405+0.5757i	1.0410+1.5061i	1.5558+1.2401i	0.1878+0.3536i	0.5936+0.2101i	0.0473-0.0943i	0.0741+0.0125i
62.2	--	0.0119+0.5360i	1.0998+1.4126i	1.5990+1.1763i	0.1984+0.2937i	0.6297+0.2293i	0.0233-0.1005i	0.0873+0.0458i
62.3	--	0.0253+0.5090i	1.1307+1.3972i	1.7283+1.1687i	0.1994+0.2541i	0.6478+0.2654i	0.0394-0.1043i	0.0826+0.0802i

62.4	--	0.0313+0.5026i	1.0964+1.4378i	1.7000+1.0689i	0.1942+0.2495i	0.6736+0.2500i	0.0524-0.1155i	0.0531+0.1037i
62.5	--	0.0220+0.5026i	1.1154+1.4075i	1.6082+1.0022i	0.1907+0.2428i	0.7122+0.2526i	0.0186-0.1324i	0.0667+0.1301i
62.6	--	0.0586+0.5298i	1.1599+1.3674i	1.6372+1.1218i	0.1687+0.2358i	0.7305+0.2747i	0.0476-0.1111i	0.0638+0.1314i
62.7	--	0.0331+0.5041i	1.1425+1.3236i	1.7974+1.0993i	0.1541+0.2415i	0.7646+0.2749i	0.0780-0.0841i	0.0768+0.1451i
62.8	--	0.0013+0.5150i	1.1576+1.3161i	1.7072+1.0324i	0.1618+0.2419i	0.7664+0.2500i	0.0605-0.0979i	0.0921+0.1912i
62.9	--	0.0105+0.5247i	1.2033+1.2968i	1.5950+1.0487i	0.1720+0.2525i	0.8018+0.2664i	0.0442-0.0796i	0.1210+0.2154i
63.0	--	0.0137+0.5371i	1.2013+1.3079i	1.6368+1.0754i	0.1726+0.2476i	0.8292+0.2331i	0.0637-0.0831i	0.1305+0.2278i
63.1	--	-0.0238+0.5490i	1.1778+1.3156i	1.7552+1.0746i	0.1868+0.2376i	0.8335+0.2141i	0.0936-0.0561i	0.1560+0.2273i
63.2	--	0.0312+0.5476i	1.2064+1.3171i	1.9424+1.1513i	0.2258+0.2379i	0.8746+0.1674i	0.0997-0.0218i	0.2088+0.2432i
63.3	--	-0.0390+0.5699i	1.2277+1.2699i	1.9102+1.0537i	0.2330+0.2371i	0.8956+0.1635i	0.1239-0.0356i	0.2292+0.2410i
63.4	--	-0.1222+0.5765i	1.2121+1.2884i	1.8594+0.9099i	0.2545+0.2357i	0.9001+0.1586i	0.1118-0.0698i	0.2451+0.2491i
63.5	--	-0.0884+0.6068i	1.1733+1.3184i	1.9194+0.9376i	0.2760+0.2238i	0.9210+0.1280i	0.1279-0.0564i	0.2786+0.2445i
63.6	--	-0.0535+0.6403i	1.1829+1.3610i	1.9587+0.9345i	0.2831+0.2217i	0.9435+0.0972i	0.1585-0.0686i	0.3016+0.2540i
63.7	--	-0.0510+0.5895i	1.1944+1.3588i	2.2184+0.7471i	0.2973+0.2073i	0.9461+0.0636i	0.2339-0.0672i	0.2980+0.2462i
63.8	--	-0.0410+0.5929i	1.2192+1.3026i	2.4211+0.7001i	0.2979+0.1589i	0.9721+0.0567i	0.2937-0.0516i	0.3082+0.2213i
63.9	--	-0.0736+0.5746i	1.2786+1.3392i	2.4045+0.5018i	0.3063+0.1325i	0.9531+0.0189i	0.3279-0.1054i	0.3291+0.2186i
64.0	--	-0.1621+0.6370i	1.3268+1.3895i	2.1008+0.3849i	0.3061+0.1324i	1.0033-0.0875i	0.2780-0.1634i	0.3786+0.2401i
64.1	--	-0.1134+0.6894i	1.2493+1.3414i	2.1484+0.5452i	0.3101+0.1276i	1.0040-0.2182i	0.2881-0.1426i	0.4001+0.2000i
64.2	--	-0.0478+0.6560i	1.2916+1.3491i	2.2110+0.4387i	0.3130+0.1166i	0.9118-0.3016i	0.2981-0.1676i	0.4215+0.1721i
64.3	--	-0.0534+0.7513i	1.2665+1.4559i	2.2896+0.3554i	0.3197+0.1176i	0.8249-0.3398i	0.3497-0.2040i	0.4303+0.1282i
64.4	--	-0.0884+0.7287i	1.3179+1.4819i	2.4446+0.1903i	0.3526+0.1032i	0.7305-0.3686i	0.3819-0.2438i	0.4556+0.0971i
64.5	--	-0.0331+0.7912i	1.3048+1.4396i	2.4004+0.2000i	0.3588+0.1012i	0.6213-0.3778i	0.3585-0.2840i	0.4305+0.0810i
64.6	--	-0.1005+0.8375i	1.4425+1.4484i	2.1294+0.2587i	0.3802+0.1044i	0.5600-0.3102i	0.3234-0.3282i	0.4302+0.0969i
64.7	--	-0.0538+0.8252i	1.5783+1.5170i	2.1108+0.0962i	0.4148+0.0710i	0.5076-0.2371i	0.3527-0.3816i	0.4286+0.0997i
64.8	--	-0.0453+0.8285i	1.5654+1.5762i	2.2903+0.0974i	0.4725+0.0427i	0.5123-0.1818i	0.3580-0.3745i	0.4571+0.0609i
64.9	--	-0.0253+0.8888i	1.6795+1.5649i	2.1871-0.0001i	0.4969-0.0007i	0.5322-0.1730i	0.3513-0.4120i	0.4698+0.0775i
65.0	--	-0.0170+0.8982i	1.7607+1.6292i	2.2492-0.1035i	0.5068-0.0713i	0.5242-0.1779i	0.3587-0.4834i	0.4679+0.0978i
65.1	--	-0.0080+0.8930i	1.7597+1.6392i	2.3027-0.0531i	0.5299-0.1464i	0.5110-0.2125i	0.3576-0.5096i	0.4735+0.0508i
65.2	--	-0.0468+1.0075i	1.8538+1.6228i	2.2062-0.1236i	0.4914-0.1962i	0.4592-0.2761i	0.2928-0.5710i	0.5093+0.0232i
65.3	--	0.0200+0.9781i	1.8533+1.7111i	2.1706-0.4386i	0.4358-0.2175i	0.3731-0.2377i	0.2320-0.6174i	0.5381+0.0247i
65.4	--	0.0298+1.0769i	1.9782+1.6898i	2.1684-0.4434i	0.4064-0.2599i	0.2905-0.2501i	0.2258-0.5884i	0.5567+0.0035i
65.5	--	0.0213+1.0946i	2.1043+1.5903i	2.0659-0.3498i	0.3980-0.2793i	0.2392-0.2327i	0.2247-0.5961i	0.5860-0.0576i
65.6	--	0.1081+1.0961i	2.1327+1.5622i	2.2105-0.2781i	0.3521-0.3519i	0.1757-0.1513i	0.2403-0.6450i	0.5308-0.1062i
65.7	--	0.1611+1.1236i	2.2266+1.6175i	2.2636-0.2150i	0.3233-0.3989i	0.1112-0.0693i	0.2273-0.7063i	0.4938-0.1173i
65.8	--	0.1637+1.1621i	2.3006+1.5543i	2.2051-0.2314i	0.3088-0.4139i	0.0558+0.0409i	0.1503-0.7727i	0.4845-0.1113i
65.9	--	0.2267+1.2530i	2.1933+1.3420i	2.1103-0.2580i	0.2549-0.3928i	0.0661+0.1195i	0.0328-0.7818i	0.4914-0.1267i
66.0	--	0.2582+1.2916i	2.3054+1.4120i	2.1547-0.3363i	0.2288-0.3817i	0.1160+0.2140i	-0.0808-0.7727i	0.5376-0.1452i
66.1	--	0.4144+1.3159i	2.4056+1.5354i	2.5271-0.3087i	0.2044-0.4107i	0.1132+0.3155i	-0.1277-0.7676i	0.5409-0.1363i
66.2	--	0.4398+1.3679i	2.5399+1.4810i	2.6190-0.6307i	0.1490-0.3804i	0.1328+0.4514i	-0.1714-0.7585i	0.5145-0.1532i
66.3	--	0.4538+1.3249i	2.6911+1.4484i	2.4771-0.8356i	0.1583-0.3693i	0.1878+0.5615i	-0.2198-0.7391i	0.5220-0.1984i
66.4	--	0.5044+1.3876i	2.8022+1.2174i	2.2228-0.7580i	0.1466-0.3814i	0.3086+0.6025i	-0.2905-0.6776i	0.5216-0.2166i
66.5	--	0.5778+1.4484i	2.8699+1.1288i	2.1984-0.9000i	0.1194-0.3771i	0.4021+0.6730i	-0.3402-0.6571i	0.5261-0.2209i
66.6	--	0.6856+1.4802i	2.9456+1.1947i	2.0942-1.1310i	0.1098-0.3906i	0.5112+0.7450i	-0.4062-0.6512i	0.5500-0.2284i
66.7	--	0.7144+1.4440i	3.1117+0.9341i	1.9594-1.2873i	0.0458-0.3622i	0.6458+0.7168i	-0.4463-0.5825i	0.5346-0.2631i
66.8	--	0.8397+1.3847i	3.1117+1.0489i	2.1346-1.2087i	0.0360-0.3675i	0.6771+0.6931i	-0.4073-0.5414i	0.5146-0.2821i
66.9	--	0.8758+1.3832i	3.2092+0.9691i	2.1147-1.2368i	0.0486-0.3576i	0.8031+0.6922i	-0.4301-0.4773i	0.5368-0.3182i
67.0	--	0.9918+1.3061i	3.3256+0.7777i	1.9415-1.3718i	0.0608-0.3381i	0.9405+0.6816i	-0.4899-0.4469i	0.5727-0.3456i
67.1	--	1.0910+1.2396i	3.3192+0.7371i	1.9915-1.4197i	0.0667-0.3217i	0.9890+0.6297i	-0.4281-0.3856i	0.5069-0.3771i
67.2	--	1.0326+1.3333i	3.3688+0.5426i	1.9275-1.6313i	0.0607-0.2810i	1.0454+0.5537i	-0.4522-0.3167i	0.5288-0.4220i
67.3	--	1.0934+1.2033i	3.4460+0.4401i	1.8120-1.6727i	0.0676-0.2820i	1.1228+0.5143i	-0.4761-0.2784i	0.5678-0.4822i
67.4	--	1.2232+1.0720i	3.5161+0.4604i	1.9718-1.7235i	0.0786-0.3235i	1.1439+0.5183i	-0.4412-0.2577i	0.5427-0.5280i
67.5	--	1.3766+0.9886i	3.5027+0.3693i	1.7839-1.8115i	0.1046-0.3466i	1.1822+0.4384i	-0.4253-0.2750i	0.5090-0.5412i
67.6	--	1.3296+0.9626i	3.4535+0.0328i	1.4509-1.8533i	0.1120-0.3417i	1.2680+0.3324i	-0.3751-0.2446i	0.4237-0.6098i
67.7	--	1.4185+0.8073i	3.6281+0.0885i	1.5299-1.9117i	0.1113-0.4149i	1.3151+0.3047i	-0.3644-0.2311i	0.3841-0.6557i
67.8	--	1.4956+0.7951i	3.6350+0.0145i	1.4984-2.0737i	0.1159-0.4230i	1.3245+0.3055i	-0.3701-0.2481i	0.3776-0.6607i
67.9	--	1.4896+0.8516i	3.4216-0.1411i	1.2564-2.0559i	0.1453-0.4183i	1.3468+0.2348i	-0.3850-0.2140i	0.3378-0.6851i
68.0	--	1.4567+0.7295i	3.4482-0.2991i	1.1306-2.1338i	0.1088-0.4544i	1.3846+0.1626i	-0.3927-0.2065i	0.2584-0.7063i
68.1	--	1.4519+0.7226i	3.5459-0.4453i	0.9781-2.0846i	0.1033-0.4576i	1.4185+0.1477i	-0.4136-0.1210i	0.2416-0.7536i
68.2	--	1.4829+0.7242i	3.6471-0.4918i	0.7453-2.1999i	0.0731-0.4600i	1.4922+0.0752i	-0.4159-0.0695i	0.1815-0.7740i
68.3	--	1.5349+0.6434i	3.6011-0.6227i	0.6495-2.2367i	0.0668-0.4772i	1.5431+0.0035i	-0.3811-0.0243i	0.1338-0.7956i
68.4	--	1.5440+0.5909i	3.6156-0.6088i	0.3905-2.1279i	0.0792-0.5279i	1.5433-0.0335i	-0.2917+0.0148i	0.0698-0.8140i
68.5	--	1.4860+0.5772i	3.5838-0.8932i	0.1415-2.0275i	0.0600-0.4900i	1.5340-0.1277i	-0.1618+0.0123i	-0.0476-0.7512i
68.6	--	1.5462+0.5248i	3.5943-0.9634i	0.1137-1.8502i	0.0583-0.5000i	1.5162-0.1805i	-0.0731-0.0317i	-0.1263-0.7154i

68.7	--	1.4901+0.5085i	3.6522-1.0893i	-0.0413-1.9592i	0.1044-0.5019i	1.5172-0.2217i	-0.0529-0.0706i	-0.1588-0.6908i
68.8	--	1.5198+0.3725i	3.6249-1.2740i	-0.2512-1.9147i	0.1167-0.5573i	1.5461-0.2967i	-0.0262-0.1148i	-0.2058-0.6567i
68.9	--	1.5820+0.3000i	3.6039-1.2669i	-0.2024-1.8233i	0.0798-0.6194i	1.5828-0.3396i	-0.0519-0.1921i	-0.2173-0.6029i
69.0	--	1.6161+0.2529i	3.5865-1.4303i	-0.1288-1.7076i	0.0589-0.6803i	1.6490-0.3740i	-0.0510-0.2857i	-0.2391-0.5544i
69.1	--	1.6583+0.3281i	3.4706-1.5310i	-0.1528-1.4695i	0.0507-0.7623i	1.6510-0.4648i	-0.0490-0.3731i	-0.2424-0.4818i
69.2	--	1.6012+0.2092i	3.4995-1.8523i	-0.2733-1.4198i	0.0121-0.8199i	1.6882-0.6123i	-0.0327-0.4265i	-0.2944-0.4308i
69.3	--	1.5500+0.0697i	3.5217-1.9619i	-0.2994-1.3180i	-0.1181-0.8841i	1.7059-0.6865i	-0.0975-0.4930i	-0.3002-0.3713i
69.4	--	1.6375+0.0599i	3.5323-2.0033i	-0.2879-1.1783i	-0.2173-0.9847i	1.7197-0.7435i	-0.1373-0.5310i	-0.3088-0.3733i
69.5	--	1.6282-0.0068i	3.4325-2.0452i	-0.2638-1.2957i	-0.3456-0.9861i	1.7493-0.8933i	-0.2115-0.5690i	-0.2818-0.3306i
69.6	--	1.5282+0.0138i	3.2606-2.2944i	-0.2059-1.3355i	-0.5245-0.9351i	1.6195-1.1188i	-0.2285-0.6308i	-0.3307-0.2693i
69.7	--	1.5548-0.0206i	3.1476-2.5370i	-0.3210-1.1290i	-0.6697-0.9106i	1.4474-1.3419i	-0.2808-0.6145i	-0.3653-0.2647i
69.8	--	1.5796-0.0488i	2.9731-2.4462i	-0.3660-1.1322i	-0.7350-0.8123i	1.2917-1.3933i	-0.3235-0.6777i	-0.3833-0.1865i
69.9	--	1.5317-0.0749i	2.9302-2.5724i	-0.4586-1.1419i	-0.7839-0.6087i	1.1035-1.4344i	-0.3755-0.7718i	-0.3904-0.0418i
70.0	--	1.5126-0.2350i	2.8867-2.8678i	-0.4362-1.1133i	-0.7912-0.5117i	0.9741-1.4490i	-0.4570-0.7787i	-0.3636+0.0044i
70.1	--	1.6154-0.2871i	2.8336-2.9087i	-0.4414-1.0283i	-0.7418-0.4642i	0.8543-1.3964i	-0.5258-0.7551i	-0.3101+0.0095i
70.2	--	1.5109-0.3227i	2.6201-3.0163i	-0.5055-0.9791i	-0.7007-0.4204i	0.7433-1.3455i	-0.6456-0.7266i	-0.2443+0.0659i
70.3	--	1.4887-0.4580i	2.4768-3.2256i	-0.6179-0.9168i	-0.6818-0.4125i	0.6833-1.3164i	-0.7182-0.6764i	-0.2027+0.0592i
70.4	--	1.5034-0.5069i	2.2870-3.2391i	-0.6567-0.8269i	-0.6667-0.4003i	0.6396-1.2868i	-0.8237-0.6417i	-0.1530+0.0522i
70.5	--	1.5072-0.5472i	2.2452-3.2705i	-0.6366-0.9291i	-0.6741-0.3745i	0.6486-1.2732i	-0.8894-0.6159i	-0.1055+0.0869i
70.6	--	1.5398-0.5336i	2.0458-3.1625i	-0.6427-0.8413i	-0.6590-0.3453i	0.6280-1.2223i	-0.9479-0.5726i	-0.0629+0.1126i
70.7	--	1.4445-0.6658i	1.7589-3.2239i	-0.7268-0.6751i	-0.6536-0.3131i	0.5340-1.2476i	-0.9636-0.5005i	-0.0701+0.1154i
70.8	--	1.4653-0.6804i	1.6930-3.4042i	-0.7094-0.5881i	-0.6842-0.3368i	0.5100-1.3116i	-1.0547-0.4349i	-0.0086+0.1022i
70.9	--	1.4004-0.7638i	1.5241-3.4016i	-0.7703-0.4727i	-0.6903-0.3186i	0.4334-1.2982i	-1.1698-0.3195i	0.0812+0.0821i
71.0	--	1.3442-0.8474i	1.3852-3.3295i	-0.6494-0.4334i	-0.7077-0.3064i	0.3520-1.2593i	-1.1837-0.2174i	0.1209+0.0283i
71.1	--	1.3497-0.8816i	1.4418-3.3766i	-0.7683-0.3900i	-0.7319-0.3207i	0.2987-1.2579i	-1.2015-0.1859i	0.1206+0.0007i
71.2	--	1.3225-0.8979i	1.3243-3.3380i	-0.7692-0.2258i	-0.7346-0.3089i	0.2693-1.2100i	-1.2156-0.0988i	0.1457-0.0206i
71.3	--	1.2237-0.8954i	1.1425-3.2177i	-0.5700-0.1366i	-0.7521-0.2781i	0.2455-1.1014i	-1.2213-0.0544i	0.1798-0.0311i
71.4	--	1.1745-0.9182i	0.9116-3.2852i	-0.6832-0.0884i	-0.7924-0.2409i	0.1739-1.0318i	-1.1530+0.0049i	0.1133-0.0462i
71.5	--	1.0745-0.9548i	0.8128-3.2864i	-0.7364-0.0100i	-0.8235-0.1866i	0.1516-0.9637i	-1.1536+0.1052i	0.1020-0.0653i
71.6	--	1.0275-0.9513i	0.6978-3.1411i	-0.6528+0.0072i	-0.8287-0.1435i	0.1424-0.9104i	-1.1224+0.1048i	0.0985-0.0409i
71.7	--	0.9840-1.0037i	0.6622-3.0769i	-0.5562+0.0277i	-0.8375-0.1271i	0.1729-0.9004i	-1.1205+0.1116i	0.0910-0.0393i
71.8	--	1.0696-1.0780i	0.4702-3.0843i	-0.5356+0.2108i	-0.8641-0.1051i	0.1772-0.9135i	-1.1687+0.2015i	0.1126-0.0592i
71.9	--	1.0222-1.0759i	0.4620-3.1036i	-0.5131+0.2473i	-0.8837-0.0601i	0.1940-0.8974i	-1.2456+0.2225i	0.1513-0.0208i
72.0	--	0.8325-1.0093i	0.3232-2.9927i	-0.3982+0.2756i	-0.8506+0.0176i	0.1931-0.8663i	-1.2203+0.3119i	0.1804-0.0221i
72.1	--	0.7237-1.0427i	0.2419-3.0081i	-0.4480+0.2893i	-0.8657+0.0939i	0.1526-0.8623i	-1.2322+0.4270i	0.2063-0.0429i
72.2	--	0.6277-1.0870i	0.2057-2.9211i	-0.2741+0.2586i	-0.8450+0.1246i	0.1336-0.8811i	-1.2001+0.5062i	0.2123-0.0797i
72.3	--	0.5297-1.1486i	0.2800-2.8660i	-0.2817+0.3008i	-0.8316+0.1681i	0.1534-0.8944i	-1.2582+0.6241i	0.2657-0.1205i
72.4	--	0.5704-1.0682i	0.1472-2.8807i	-0.2118+0.3872i	-0.8204+0.1901i	0.1545-0.8885i	-1.2152+0.7662i	0.2585-0.1901i
72.5	--	0.6313-1.0608i	-0.0113-2.8221i	-0.0449+0.4132i	-0.7977+0.2400i	0.1537-0.8796i	-1.1791+0.8988i	0.2782-0.2284i
72.6	--	0.5709-1.1023i	-0.0599-2.7913i	0.0947+0.4623i	-0.7718+0.2924i	0.1562-0.8960i	-1.1377+0.9762i	0.2965-0.2441i
72.7	--	0.4691-1.1450i	-0.1635-2.6990i	0.1609+0.3916i	-0.7190+0.3450i	0.1401-0.9146i	-1.0503+1.0751i	0.2858-0.2677i
72.8	--	0.5015-1.1082i	-0.2813-2.6756i	0.3003+0.4588i	-0.6665+0.4241i	0.1064-0.9101i	-0.9245+1.2056i	0.2799-0.3098i
72.9	--	0.4266-1.0022i	-0.3407-2.6915i	0.2040+0.5303i	-0.6344+0.4192i	0.0715-0.9262i	-0.8544+1.2552i	0.2769-0.3387i
73.0	--	0.4754-0.9609i	-0.3997-2.5286i	0.2113+0.5088i	-0.5528+0.3956i	0.0704-0.8946i	-0.7661+1.2671i	0.2591-0.3592i
73.1	--	0.3780-1.0107i	-0.4397-2.4995i	0.2745+0.4268i	-0.5119+0.4222i	0.0415-0.9010i	-0.6668+1.3312i	0.2249-0.3971i
73.2	--	0.2858-0.9622i	-0.5079-2.6100i	0.2958+0.4729i	-0.4596+0.4340i	-0.0166-0.9136i	-0.5029+1.3616i	0.1692-0.4206i
73.3	--	0.2254-1.0752i	-0.5033-2.4367i	0.4264+0.4272i	-0.4216+0.4115i	-0.0324-0.8928i	-0.3800+1.3372i	0.1378-0.4269i
73.4	--	0.1836-1.0121i	-0.5571-2.3718i	0.4256+0.4107i	-0.3789+0.3916i	-0.0329-0.8340i	-0.3038+1.3099i	0.1222-0.4166i
73.5	--	0.1196-0.9851i	-0.6476-2.3467i	0.4936+0.3069i	-0.3436+0.3819i	-0.0499-0.8367i	-0.2250+1.2624i	0.0956-0.3941i
73.6	--	0.0237-0.8815i	-0.6508-2.3146i	0.5475+0.2836i	-0.3387+0.3500i	-0.0487-0.8487i	-0.1583+1.2306i	0.0863-0.3950i
73.7	--	0.1388-0.8263i	-0.7863-2.1210i	0.5329+0.2316i	-0.3348+0.3200i	-0.0914-0.8350i	-0.1300+1.2310i	0.0969-0.4347i
73.8	--	0.0754-0.7797i	-0.7093-2.1685i	0.4396+0.1509i	-0.3578+0.3414i	-0.1325-0.8569i	-0.1144+1.2514i	0.0866-0.4695i
73.9	--	0.0196-0.7765i	-0.6435-2.2532i	0.5424+0.1568i	-0.3525+0.3726i	-0.1770-0.8455i	-0.0182+1.2653i	0.0392-0.4778i
74.0	--	0.0975-0.8894i	-0.7575-2.0253i	0.5959+0.0393i	-0.3208+0.3790i	-0.2105-0.7714i	0.0668+1.2470i	0.0177-0.4894i
74.1	--	0.0193-0.7894i	-0.8948-1.9946i	0.5722+0.0642i	-0.2627+0.4087i	-0.2705-0.7002i	0.2075+1.2142i	-0.0263-0.4857i
74.2	--	-0.1331-0.7889i	-0.7500-1.9730i	0.5820-0.0478i	-0.2548+0.3769i	-0.2754-0.6869i	0.2625+1.1350i	-0.0401-0.4509i
74.3	--	-0.1005-0.8973i	-0.7058-1.8051i	0.5757-0.1335i	-0.2418+0.3337i	-0.2551-0.6576i	0.2639+1.0989i	-0.0569-0.4635i
74.4	--	-0.0705-0.9226i	-0.8382-1.7174i	0.6145-0.0577i	-0.1902+0.3239i	-0.2498-0.6292i	0.3777+1.0842i	-0.1133-0.4721i
74.5	--	-0.1349-0.7505i	-0.8058-1.8146i	0.5714-0.0620i	-0.1833+0.3294i	-0.2528-0.5947i	0.4189+1.0417i	-0.1245-0.4538i
74.6	--	-0.1113-0.6158i	-0.8540-1.6457i	0.6087-0.0659i	-0.1546+0.2816i	-0.2234-0.5159i	0.4764+0.8977i	-0.1669-0.4077i
74.7	--	-0.1836-0.5655i	-0.8120-1.6853i	0.5008-0.1039i	-0.1280+0.2606i	-0.2027-0.4985i	0.5130+0.8468i	-0.1892-0.4050i
74.8	--	-0.1681-0.6503i	-0.9527-1.6424i	0.5363-0.0842i	-0.1175+0.2564i	-0.2280-0.4949i	0.5558+0.8700i	-0.1976-0.4307i
74.9	--	-0.1593-0.6164i	-0.9962-1.5261i	0.5683-0.1094i	-0.1159+0.2115i	-0.1883-0.4653i	0.5223+0.7535i	-0.1945-0.3774i

75.0	--	-0.0779-0.6318i	-0.9842-1.4220i	0.6041-0.0993i	-0.1394+0.1828i	-0.1493-0.4451i	0.5531+0.7192i	-0.2255-0.3738i
75.1	--	-0.1568-0.5692i	-0.9157-1.4499i	0.6376-0.1963i	-0.1383+0.2037i	-0.1288-0.4551i	0.5580+0.6850i	-0.2290-0.3469i
75.2	--	-0.0956-0.4645i	-0.9894-1.3454i	0.5477-0.2151i	-0.1100+0.1756i	-0.1369-0.4435i	0.5470+0.6202i	-0.2199-0.3255i
75.3	--	-0.1890-0.2847i	-1.0172-1.4971i	0.4781-0.2575i	-0.1083+0.1654i	-0.1307-0.4172i	0.5833+0.5550i	-0.2429-0.3071i
75.4	--	-0.0956-0.4252i	-0.9892-1.1918i	0.4898-0.1725i	-0.0925+0.1150i	-0.1243-0.3895i	0.5776+0.5056i	-0.2419-0.2903i
75.5	--	-0.1295-0.3589i	-1.0403-1.3011i	0.4119-0.2321i	-0.0885+0.1243i	-0.1176-0.4124i	0.5768+0.4918i	-0.2513-0.2679i
75.6	--	-0.2009-0.4340i	-0.8083-1.1239i	0.4624-0.2195i	-0.1277+0.1264i	-0.0837-0.4284i	0.5293+0.4601i	-0.2395-0.2463i
75.7	--	-0.1159-0.5041i	-0.8410-0.9067i	0.5663-0.2062i	-0.1412+0.1232i	-0.0595-0.4298i	0.4858+0.4160i	-0.2217-0.2371i
75.8	--	0.0007-0.3745i	-0.9580-0.9405i	0.4811-0.1976i	-0.1272+0.0905i	-0.0636-0.4198i	0.5177+0.3458i	-0.2281-0.2167i
75.9	--	-0.0682-0.1530i	-0.9350-1.0393i	0.5271-0.3154i	-0.1345+0.0571i	-0.0635-0.4246i	0.5125+0.2911i	-0.2222-0.1877i
76.0	--	-0.1768-0.1238i	-0.7662-1.0376i	0.6213-0.3390i	-0.1357+0.0794i	-0.0295-0.4375i	0.4995+0.2851i	-0.2514-0.1644i
76.1	--	-0.0588-0.1121i	-0.7768-0.9212i	0.4028-0.3901i	-0.1555+0.0810i	-0.0441-0.4400i	0.4999+0.2635i	-0.2512-0.1574i
76.2	--	-0.1218-0.0642i	-0.8361-0.8541i	0.4752-0.4811i	-0.1766+0.0535i	-0.0628-0.4541i	0.4854+0.2224i	-0.2305-0.1582i
76.3	--	-0.0628-0.1237i	-0.7374-0.8678i	0.5170-0.4878i	-0.2385+0.0630i	-0.0473-0.4223i	0.4427+0.2383i	-0.2149-0.1690i
76.4	--	-0.0262-0.1177i	-0.6507-0.9249i	0.4402-0.4592i	-0.2476+0.0818i	-0.0421-0.4226i	0.4383+0.2628i	-0.2205-0.1644i
76.5	--	0.0057-0.0282i	-0.6564-0.8201i	0.4556-0.5017i	-0.2122+0.0640i	-0.0231-0.4628i	0.4122+0.2429i	-0.2046-0.1456i
76.6	--	-0.0262-0.0877i	-0.5863-0.7521i	0.5239-0.6147i	-0.2417+0.0626i	-0.0269-0.4909i	0.3947+0.2463i	-0.2081-0.1552i
76.7	--	-0.0148+0.0031i	-0.4731-0.8994i	0.5101-0.6363i	-0.2331+0.0857i	-0.0399-0.4814i	0.4017+0.2755i	-0.2171-0.1700i
76.8	--	0.1816+0.0754i	-0.4659-0.9004i	0.3188-0.5018i	-0.2118+0.1077i	-0.0476-0.4451i	0.3842+0.2587i	-0.1950-0.1591i
76.9	--	0.2848+0.1608i	-0.5536-0.8185i	0.2831-0.6067i	-0.2304+0.1050i	-0.0840-0.4593i	0.3784+0.2391i	-0.1868-0.1561i
77.0	--	0.2925-0.0728i	-0.4290-0.6796i	0.3831-0.5351i	-0.2306+0.1105i	-0.0715-0.4495i	0.3558+0.2529i	-0.1812-0.1631i
77.1	--	0.4475-0.0073i	-0.4838-0.6833i	0.2361-0.6018i	-0.2420+0.1417i	-0.1249-0.4239i	0.3717+0.2321i	-0.1952-0.1479i
77.2	--	0.4342-0.0265i	-0.3104-0.7714i	0.2032-0.5692i	-0.1931+0.1444i	-0.1253-0.3858i	0.3865+0.2194i	-0.1994-0.1308i
77.3	--	0.4324-0.0145i	-0.2255-0.8873i	0.2148-0.6700i	-0.2084+0.1396i	-0.0836-0.3769i	0.3864+0.2076i	-0.1965-0.1210i
77.4	--	0.3043+0.0087i	-0.2635-0.8785i	0.3896-0.7601i	-0.1666+0.1204i	-0.0599-0.4361i	0.3690+0.1986i	-0.1811-0.1262i
77.5	--	0.5413-0.0474i	-0.4140-0.8074i	0.1137-0.6825i	-0.1650+0.1116i	-0.1056-0.3990i	0.3683+0.1915i	-0.1870-0.1150i
77.6	--	0.6665-0.2034i	-0.4564-0.6571i	0.0950-0.6071i	-0.1805+0.1052i	-0.1217-0.4175i	0.3470+0.1905i	-0.1713-0.1055i
77.7	--	0.6328-0.1506i	-0.2964-0.8105i	0.0454-0.7660i	-0.1814+0.0950i	-0.1241-0.4234i	0.3645+0.1786i	-0.1867-0.1063i
77.8	--	0.6455-0.2054i	-0.3563-0.9474i	0.0093-0.7840i	-0.1837+0.0910i	-0.1515-0.3826i	0.3896+0.1633i	-0.2046-0.1163i
77.9	--	0.6903-0.2977i	-0.3206-0.8849i	-0.0429-0.6875i	-0.2061+0.0983i	-0.1237-0.3355i	0.3922+0.1565i	-0.2123-0.1233i
78.0	--	0.5301-0.2615i	-0.1226-0.9077i	-0.0449-0.8255i	-0.2200+0.1059i	-0.1399-0.3036i	0.4423+0.1670i	-0.2523-0.1314i
78.1	--	0.6065-0.0815i	-0.1383-1.1662i	-0.2738-1.0201i	-0.2201+0.0823i	-0.1611-0.3113i	0.4254+0.1428i	-0.2274-0.1092i
78.2	--	0.8147-0.1874i	-0.3786-1.2751i	-0.2897-0.7060i	-0.2120+0.0540i	-0.0924-0.3253i	0.3786+0.0922i	-0.1966-0.0773i
78.3	--	0.8658-0.3930i	-0.3352-1.1480i	-0.1640-0.5699i	-0.2567+0.0523i	-0.0924-0.3099i	0.3897+0.1047i	-0.2191-0.0871i
78.4	--	0.9492-0.4411i	-0.3927-1.1738i	-0.2809-0.6511i	-0.2507+0.0914i	-0.0701-0.3171i	0.3933+0.0719i	-0.2337-0.0602i
78.5	--	0.9405-0.5489i	-0.3837-1.2134i	-0.4820-0.6990i	-0.2514+0.1115i	-0.0627-0.3261i	0.4117+0.0345i	-0.2503-0.0253i
78.6	--	0.8140-0.6680i	-0.5164-1.2592i	-0.5152-0.5005i	-0.2351+0.1464i	-0.0704-0.3032i	0.3825+0.0086i	-0.2312-0.0040i
78.7	--	0.7686-0.6253i	-0.3477-1.2828i	-0.5945-0.6033i	-0.2312+0.1776i	-0.0399-0.2656i	0.3774+0.0250i	-0.2144-0.0240i
78.8	--	0.8663-0.7343i	-0.3680-1.3543i	-0.7570-0.7361i	-0.2530+0.1897i	-0.0251-0.2677i	0.3975+0.0131i	-0.2219-0.0167i
78.9	--	1.0345-0.9562i	-0.4960-1.5262i	-1.2090-0.3964i	-0.2122+0.1907i	-0.0056-0.2948i	0.3632-0.0870i	-0.2199+0.0407i
79.0	--	0.6710-1.2369i	-0.7271-1.4726i	-1.2859-0.0032i	-0.1288+0.2134i	-0.0133-0.2734i	0.2962-0.1652i	-0.1890+0.0916i
79.1	--	0.3537-1.1567i	-0.6895-1.2990i	-0.8988+0.0361i	-0.1451+0.1884i	0.0066-0.2667i	0.2528-0.0944i	-0.1452+0.0596i
79.2	--	0.3133-0.9957i	-0.7973-1.3660i	-0.7155-0.0518i	-0.1391+0.1732i	0.0255-0.2766i	0.2343-0.0633i	-0.1225+0.0480i
79.3	--	0.3732-1.0119i	-0.9254-1.2225i	-0.7694+0.2433i	-0.0711+0.1268i	0.0380-0.3027i	0.1787-0.0591i	-0.0728+0.0458i
79.4	--	0.2955-0.9963i	-0.8517-1.2436i	-0.7797+0.1745i	-0.0839+0.1101i	0.0593-0.3517i	0.1776-0.0485i	-0.0696+0.0389i
79.5	--	0.2284-1.0746i	-0.8849-1.2303i	-0.7106+0.2541i	-0.1225+0.0909i	0.0598-0.3809i	0.1798-0.0496i	-0.0817+0.0416i
79.6	--	0.3133-1.1455i	-0.9478-1.1410i	-0.6033+0.5085i	-0.1383+0.0543i	0.0390-0.3851i	0.1503+0.0024i	-0.0560+0.0162i
79.7	--	0.1323-1.0910i	-0.9633-1.0878i	-0.5712+0.4632i	-0.1323+0.0513i	0.0422-0.3985i	0.1359+0.0125i	-0.0536+0.0011i
79.8	--	0.0229-1.0346i	-0.9651-1.0335i	-0.5119+0.3009i	-0.1447+0.0701i	0.0350-0.4301i	0.1474+0.0045i	-0.0683-0.0037i
79.9	--	0.1888-0.8291i	-1.1092-0.9787i	-0.6248+0.3615i	-0.1450+0.0422i	0.0151-0.4329i	0.1285-0.0038i	-0.0421+0.0031i
80.0	--	0.2434-0.8754i	-1.1035-0.9407i	-0.6636+0.4503i	-0.1484+0.0568i	0.0056-0.4106i	0.1007+0.0050i	-0.0184+0.0042i

2.1.89 Run 8 – VT315 – Accels 33–40

Vertical shaking at 315°. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	1.1655+0.0000i	-0.4851+0.0000i	-3.3271+0.0000i	-1.0567+0.0000i	6.8284+0.0000i	1.2699+0.0000i	3.5655+0.0000i	0.9959+0.0000i
0.1	0.0380+0.1635i	-0.4531+0.4937i	-1.0201+0.7638i	0.3059-0.4477i	1.2950-0.3990i	0.8734-0.1746i	0.4242+0.0548i	0.1367-0.3227i
0.2	-0.1059+0.2847i	-0.1041+0.2245i	-0.1656+0.0584i	0.1374-0.2773i	0.0448-0.1696i	0.4438-0.2547i	-0.0052+0.0145i	0.0621-0.1755i
0.3	-0.1307+0.0315i	0.0089+0.2553i	-0.0819+0.0141i	0.0338+0.0002i	-0.1136+0.0013i	0.0515-0.1362i	0.0298+0.0286i	0.0130-0.0667i
0.4	0.0155-0.0544i	0.0823+0.0224i	-0.0230-0.0304i	-0.0024+0.0016i	-0.0531-0.0293i	-0.0632-0.0115i	-0.0027+0.0108i	0.0029-0.0329i
0.5	0.0113-0.0222i	0.0146-0.0342i	0.0180-0.0241i	-0.0017+0.0046i	-0.0912-0.0257i	0.0029-0.0081i	0.0090-0.0096i	0.0074-0.0097i
0.6	0.0054+0.0096i	-0.0078-0.0262i	0.0084+0.0028i	0.0008+0.0079i	-0.0692-0.0023i	0.0068-0.0144i	0.0028-0.0031i	0.0039-0.0014i
0.7	0.0065+0.0018i	-0.0056+0.0061i	0.0056+0.0086i	0.0029+0.0001i	-0.0929-0.0133i	-0.0006-0.0111i	0.0016+0.0006i	-0.0005+0.0018i
0.8	0.0022-0.0007i	-0.0014+0.0017i	-0.0077-0.0012i	-0.0015-0.0022i	0.0252-0.0387i	-0.0039+0.0008i	-0.0001-0.0025i	-0.0017+0.0003i
0.9	0.0074+0.0004i	-0.0017+0.0008i	-0.0059-0.0060i	-0.0037-0.0009i	0.1012-0.0732i	0.0001-0.0032i	-0.0027-0.0015i	0.0006-0.0019i
1.0	0.0018-0.0007i	-0.0022+0.0021i	0.0006+0.0006i	-0.0026+0.0007i	0.0335+0.0608i	-0.0042+0.0009i	-0.0008+0.0018i	0.0009-0.0005i
1.1	-0.0016-0.0033i	-0.0023-0.0001i	-0.0065-0.0042i	0.0010-0.0002i	0.0191+0.0475i	-0.0050-0.0015i	-0.0024-0.0005i	0.0013+0.0003i
1.2	-0.0015+0.0056i	-0.0030-0.0045i	-0.0050-0.0033i	0.0024-0.0011i	-0.0350+0.0276i	-0.0044-0.0009i	-0.0003-0.0017i	0.0013-0.0002i
1.3	-0.0029+0.0024i	-0.0030-0.0033i	-0.0024-0.0007i	0.0008+0.0003i	-0.0458-0.0650i	-0.0054-0.0009i	-0.0010-0.0016i	-0.0005+0.0015i
1.4	-0.0004-0.0016i	-0.0029-0.0047i	-0.0051-0.0032i	-0.0013-0.0004i	-0.0019-0.0086i	-0.0080-0.0016i	-0.0020-0.0012i	0.0001+0.0013i
1.5	-0.0001-0.0004i	-0.0093-0.0004i	-0.0076-0.0002i	-0.0022+0.0026i	0.0704-0.0777i	-0.0086-0.0006i	0.0001-0.0002i	0.0016-0.0007i
1.6	0.0010+0.0064i	-0.0049+0.0203i	-0.0107-0.0004i	-0.0034-0.0047i	0.0172+0.0148i	-0.0070+0.0002i	0.0002-0.0050i	0.0008-0.0012i
1.7	0.0039+0.0054i	0.0132+0.0175i	-0.0124-0.0031i	-0.0088-0.0064i	0.0371+0.0666i	-0.0084-0.0008i	-0.0055-0.0045i	-0.0013+0.0007i
1.8	0.0019-0.0017i	0.0022-0.0015i	-0.0133-0.0054i	-0.0063+0.0001i	0.0822-0.0795i	-0.0092-0.0021i	-0.0043+0.0000i	-0.0004+0.0011i
1.9	0.0035-0.0019i	-0.0105+0.0048i	-0.0145-0.0016i	-0.0095-0.0019i	0.0068-0.0171i	-0.0128-0.0023i	-0.0034-0.0020i	-0.0003+0.0018i
2.0	0.0051-0.0079i	-0.0207+0.0380i	-0.0182-0.0011i	-0.0132+0.0059i	-0.0696-0.0292i	-0.0129-0.0024i	-0.0055+0.0011i	-0.0011+0.0033i
2.1	-0.0239-0.0235i	0.0873+0.0811i	-0.0197+0.0007i	-0.0026+0.0125i	-0.0276+0.0179i	-0.0159-0.0042i	-0.0056+0.0037i	0.0057+0.0052i
2.2	-0.0418+0.0138i	0.1500-0.0857i	-0.0187-0.0012i	0.0051-0.0009i	0.0755-0.0354i	-0.0204+0.0008i	-0.0058+0.0036i	0.0110-0.0042i
2.3	-0.0179+0.0237i	0.0064-0.1327i	-0.0231-0.0029i	-0.0110-0.0111i	-0.0720-0.0070i	-0.0175+0.0016i	-0.0043+0.0019i	0.0019-0.0090i
2.4	-0.0195+0.0188i	-0.0175-0.0321i	-0.0254-0.0032i	-0.0250+0.0100i	0.0728+0.0585i	-0.0194-0.0023i	-0.0080+0.0029i	-0.0018-0.0023i
2.5	0.0109+0.0123i	-0.0036-0.0198i	-0.0287-0.0028i	0.0113+0.0086i	0.0368+0.0295i	-0.0228-0.0026i	-0.0027+0.0025i	-0.0009-0.0014i
2.6	0.0129+0.0128i	-0.0064-0.0253i	-0.0321-0.0010i	0.0151+0.0087i	-0.0462+0.0225i	-0.0242-0.0023i	-0.0017+0.0012i	-0.0012-0.0024i
2.7	0.0136+0.0057i	-0.0154-0.0189i	-0.0340-0.0030i	0.0130+0.0036i	-0.0484-0.0744i	-0.0258-0.0022i	-0.0023+0.0002i	-0.0036-0.0021i
2.8	0.0108+0.0056i	-0.0120-0.0101i	-0.0377-0.0039i	0.0091+0.0032i	0.0477-0.0862i	-0.0281-0.0009i	-0.0038+0.0003i	-0.0036-0.0010i
2.9	0.0069+0.0048i	-0.0077-0.0067i	-0.0409-0.0027i	0.0069+0.0035i	0.0736-0.0419i	-0.0297-0.0003i	-0.0028-0.0010i	-0.0033-0.0007i
3.0	0.0029+0.0045i	-0.0065-0.0042i	-0.0427-0.0024i	0.0046+0.0052i	0.0160-0.0169i	-0.0321-0.0009i	-0.0036-0.0023i	-0.0020+0.0005i
3.1	0.0026+0.0035i	-0.0060-0.0044i	-0.0470-0.0029i	0.0051+0.0056i	0.0750+0.0290i	-0.0361-0.0015i	-0.0054-0.0014i	-0.0022+0.0005i
3.2	0.0040+0.0025i	-0.0059-0.0071i	-0.0525-0.0040i	0.0038+0.0017i	0.0358-0.0279i	-0.0367-0.0003i	-0.0051-0.0004i	-0.0021+0.0014i
3.3	0.0018+0.0009i	-0.0045-0.0083i	-0.0557-0.0013i	0.0012+0.0009i	-0.0594-0.1173i	-0.0407-0.0035i	-0.0068+0.0035i	-0.0013+0.0042i
3.4	0.0053+0.0039i	-0.0059-0.0070i	-0.0585-0.0034i	0.0013+0.0036i	0.0060+0.0512i	-0.0424-0.0030i	-0.0062+0.0019i	0.0007+0.0045i
3.5	0.0021+0.0019i	-0.0085-0.0074i	-0.0630-0.0066i	0.0049+0.0064i	0.0556+0.1750i	-0.0473-0.0024i	-0.0060-0.0020i	-0.0031+0.0051i
3.6	-0.0019+0.0011i	-0.0173-0.0034i	-0.0692-0.0039i	0.0085+0.0017i	0.2038+0.3881i	-0.0541-0.0005i	-0.0076-0.0078i	0.0012+0.0035i
3.7	0.0046-0.0047i	0.0059+0.0105i	-0.0731+0.0017i	0.0038-0.0025i	0.0873-0.0559i	-0.0522+0.0068i	-0.0133-0.0037i	0.0095+0.0019i
3.8	0.0050-0.0021i	0.0068+0.0039i	-0.0780+0.0002i	0.0031-0.0004i	-0.0401+0.0125i	-0.0558+0.0030i	-0.0145-0.0013i	0.0042+0.0004i
3.9	0.0046-0.0011i	0.0042+0.0008i	-0.0816-0.0003i	0.0036-0.0012i	-0.0168+0.0192i	-0.0582+0.0015i	-0.0147-0.0009i	0.0041+0.0008i
4.0	0.0035-0.0008i	0.0025+0.0006i	-0.0857-0.0005i	0.0039-0.0007i	0.0350-0.0128i	-0.0614+0.0007i	-0.0157-0.0001i	0.0078-0.0001i
4.1	0.0014-0.0004i	0.0010+0.0014i	-0.0919-0.0013i	0.0040-0.0015i	0.0256-0.0315i	-0.0663-0.0004i	-0.0172+0.0006i	0.0108-0.0036i
4.2	0.0023-0.0004i	0.0017+0.0017i	-0.0968-0.0017i	0.0019-0.0015i	-0.0494-0.0110i	-0.0714-0.0004i	-0.0189+0.0013i	0.0108-0.0074i
4.3	0.0030+0.0000i	0.0015+0.0017i	-0.1033-0.0017i	0.0001-0.0009i	-0.0701-0.0078i	-0.0755-0.0008i	-0.0196+0.0022i	0.0117-0.0104i
4.4	0.0017-0.0005i	0.0001+0.0034i	-0.1115-0.0022i	-0.0013-0.0024i	-0.0224-0.0628i	-0.0801-0.0004i	-0.0190+0.0052i	0.0156-0.0187i
4.5	-0.0002-0.0026i	-0.0021+0.0061i	-0.1167-0.0021i	-0.0030+0.0004i	0.0183+0.0499i	-0.0853-0.0002i	-0.0152+0.0053i	0.0143-0.0319i
4.6	-0.0029-0.0019i	-0.0034+0.0111i	-0.1259-0.0033i	-0.0022+0.0026i	0.0456+0.1113i	-0.0897-0.0001i	-0.0098+0.0040i	0.0180-0.0628i
4.7	-0.0063+0.0045i	0.0054+0.0222i	-0.1375-0.0049i	-0.0024+0.0087i	-0.1112+0.1495i	-0.0959-0.0016i	-0.0111-0.0118i	-0.0286-0.1147i
4.8	0.0091+0.0022i	0.0362+0.0190i	-0.1461+0.0025i	0.0108+0.0073i	0.0310+0.1921i	-0.1043+0.0000i	-0.0538-0.0102i	-0.1956-0.0535i
4.9	0.0068-0.0057i	0.0416+0.0011i	-0.1462-0.0010i	0.0099+0.0016i	0.1061+0.0406i	-0.1034-0.0020i	-0.0525+0.0120i	-0.2240+0.0609i
5.0	-0.0013+0.0048i	0.0099-0.0140i	-0.1672-0.0193i	-0.0010+0.0087i	0.0705+0.0836i	-0.1180-0.0163i	-0.0271-0.0125i	-0.0064+0.1261i
5.1	0.0063+0.0088i	0.0083-0.0109i	-0.1811-0.0183i	0.0061+0.0152i	-0.0154+0.0708i	-0.1304-0.0183i	-0.0498-0.0139i	0.0038+0.1096i
5.2	0.0196-0.0051i	0.0044-0.0110i	-0.2044-0.0087i	0.0348+0.0121i	-0.0220-0.0262i	-0.1516-0.0091i	-0.0865+0.0267i	0.0360+0.1224i
5.3	0.0168-0.0224i	0.0032-0.0073i	-0.2155+0.0035i	0.0497-0.0129i	-0.0391-0.1150i	-0.1589+0.0071i	-0.0751+0.0747i	0.0687+0.0955i
5.4	-0.0137-0.0296i	0.0062-0.0032i	-0.2132+0.0159i	0.0025-0.0530i	-0.3894+0.1075i	-0.1454+0.0153i	0.0364+0.0851i	0.0964+0.0856i
5.5	-0.0324+0.0035i	-0.0053+0.0063i	-0.2290+0.0018i	-0.0435-0.0140i	-0.1702+0.4336i	-0.1444+0.0005i	0.0907-0.0313i	0.2530-0.0104i
5.6	-0.0175+0.0143i	-0.0044+0.0209i	-0.2471+0.0017i	-0.0263+0.0082i	-0.0310+0.0578i	-0.1611-0.0061i	0.0429-0.0681i	0.2041-0.2335i

5.7	-0.0080+0.0143i	0.0141+0.0246i	-0.2652+0.0046i	-0.0149+0.0132i	-0.0433-0.0710i	-0.1748-0.0046i	0.0087-0.0658i	-0.0036-0.2680i
5.8	-0.0040+0.0176i	0.0241+0.0176i	-0.2808+0.0080i	-0.0050+0.0164i	0.0663-0.0748i	-0.1853-0.0035i	0.0019-0.0733i	-0.1215-0.1999i
5.9	0.0051+0.0210i	0.0352+0.0133i	-0.2980+0.0052i	0.0053+0.0216i	0.0282+0.0055i	-0.1977-0.0081i	-0.0331-0.0883i	-0.2661-0.1225i
6.0	0.0113+0.0171i	0.0370-0.0010i	-0.3218+0.0061i	0.0150+0.0200i	0.0041+0.0364i	-0.2137-0.0058i	-0.0540-0.0707i	-0.2552+0.0747i
6.1	0.0122+0.0161i	0.0295-0.0117i	-0.3507+0.0078i	0.0208+0.0182i	-0.0298-0.0062i	-0.2279-0.0036i	-0.0453-0.0741i	-0.1102+0.1886i
6.2	0.0191+0.0198i	0.0222-0.0136i	-0.3809+0.0099i	0.0298+0.0184i	-0.0396-0.0396i	-0.2436-0.0052i	-0.0669-0.0996i	-0.0104+0.1755i
6.3	0.0298+0.0208i	0.0179-0.0099i	-0.4200+0.0161i	0.0410+0.0167i	-0.0195-0.0141i	-0.2637-0.0044i	-0.1038-0.1094i	0.0417+0.1019i
6.4	0.0398+0.0223i	0.0162-0.0064i	-0.4611+0.0253i	0.0530+0.0180i	0.0107-0.0171i	-0.2846-0.0029i	-0.1398-0.1162i	0.0256+0.0525i
6.5	0.0534+0.0183i	0.0165-0.0052i	-0.5080+0.0486i	0.0700+0.0141i	0.0007+0.0282i	-0.3052+0.0063i	-0.1844-0.1000i	-0.0118+0.0584i
6.6	0.0691+0.0157i	0.0172-0.0034i	-0.5580+0.0637i	0.0886+0.0107i	0.0206+0.0724i	-0.3216+0.0110i	-0.2173-0.0854i	-0.0240+0.0760i
6.7	0.0898+0.0114i	0.0184-0.0013i	-0.6271+0.0864i	0.1146+0.0056i	0.0267+0.0249i	-0.3409+0.0130i	-0.2599-0.0788i	-0.0575+0.1183i
6.8	0.1168+0.0000i	0.0219-0.0004i	-0.7097+0.1252i	0.1491-0.0096i	-0.0031-0.0190i	-0.3639+0.0175i	-0.3121-0.0597i	-0.0596+0.1809i
6.9	0.1620-0.0314i	0.0254-0.0032i	-0.8390+0.2341i	0.2074-0.0517i	-0.0361-0.0584i	-0.3950+0.0277i	-0.3907-0.0240i	-0.0006+0.2729i
7.0	0.2284-0.0861i	0.0265-0.0071i	-1.0085+0.4352i	0.2923-0.1289i	-0.0285+0.0002i	-0.4295+0.0364i	-0.5251+0.0356i	0.1356+0.3740i
7.1	0.2707-0.2248i	0.0222-0.0103i	-1.0381+0.8409i	0.3362-0.3130i	0.0263+0.0472i	-0.4630+0.0637i	-0.6761+0.2583i	0.3730+0.3930i
7.2	0.1242-0.3837i	0.0251-0.0035i	-0.5496+1.1374i	0.1351-0.5072i	0.0259+0.0055i	-0.4500+0.0944i	-0.4408+0.6296i	0.5611+0.2624i
7.3	-0.0813-0.4115i	0.0387-0.0113i	-0.0348+1.0444i	-0.1288-0.5380i	0.0397-0.0295i	-0.4520+0.0459i	-0.0329+0.6765i	0.9234-0.1975i
7.4	-0.2101-0.3433i	0.0321-0.0260i	0.2059+0.7643i	-0.3017-0.4485i	0.0577-0.0635i	-0.5223+0.0176i	0.1384+0.5113i	0.6771-0.7903i
7.5	-0.2308-0.2214i	0.0180-0.0214i	0.1281+0.4317i	-0.3302-0.2786i	0.0808-0.0826i	-0.5872+0.0581i	0.1202+0.3587i	0.0702-0.7083i
7.6	-0.2024-0.1599i	0.0162-0.0150i	-0.0317+0.2836i	-0.2891-0.1911i	0.0441-0.0586i	-0.6184+0.0866i	0.0799+0.3005i	-0.1058-0.4574i
7.7	-0.1802-0.1361i	0.0180-0.0137i	-0.1589+0.2245i	-0.2566-0.1587i	0.0420-0.0329i	-0.6553+0.0903i	0.0508+0.2772i	-0.1175-0.3309i
7.8	-0.1718-0.1334i	0.0184-0.0154i	-0.2640+0.1996i	-0.2443-0.1534i	0.0677-0.0550i	-0.7130+0.0812i	0.0314+0.2763i	-0.1508-0.2563i
7.9	-0.1826-0.1429i	0.0148-0.0170i	-0.3723+0.2015i	-0.2582-0.1604i	0.0221-0.0121i	-0.8264+0.0876i	0.0330+0.3031i	-0.1545-0.1856i
8.0	-0.1968-0.1340i	0.0127-0.0135i	-0.4451+0.2152i	-0.2738-0.1444i	-0.0015-0.0254i	-0.9087+0.1455i	0.0455+0.3138i	-0.1537-0.1899i
8.1	-0.2094-0.1323i	0.0141-0.0133i	-0.5363+0.2303i	-0.2858-0.1366i	0.0255-0.0705i	-0.9919+0.1974i	0.0655+0.3377i	-0.2218-0.1306i
8.2	-0.2282-0.1291i	0.0121-0.0146i	-0.6212+0.2639i	-0.3073-0.1286i	-0.0102-0.0396i	-1.0896+0.2591i	0.1077+0.3519i	-0.2248-0.0454i
8.3	-0.2477-0.1223i	0.0088-0.0137i	-0.7101+0.3020i	-0.3282-0.1149i	0.0157-0.0666i	-1.1847+0.3379i	0.1472+0.3519i	-0.2038+0.0216i
8.4	-0.2689-0.1103i	0.0062-0.0114i	-0.7948+0.3620i	-0.3492-0.0971i	0.0374-0.0540i	-1.2674+0.4340i	0.1876+0.3392i	-0.1527+0.0731i
8.5	-0.2957-0.0958i	0.0030-0.0074i	-0.8955+0.4112i	-0.3787-0.0757i	-0.0309-0.0266i	-1.3777+0.5157i	0.2420+0.3186i	-0.1057+0.0780i
8.6	-0.3205-0.0793i	0.0010-0.0053i	-1.0155+0.4812i	-0.4043-0.0545i	-0.0673-0.0354i	-1.5178+0.6204i	0.2779+0.2882i	-0.0696+0.1085i
8.7	-0.3549-0.0603i	-0.0018-0.0029i	-1.1619+0.6103i	-0.4413-0.0294i	-0.0389-0.0033i	-1.6929+0.8023i	0.3195+0.2523i	0.0073+0.1489i
8.8	-0.3856-0.0227i	-0.0036+0.0037i	-1.2953+0.7590i	-0.4755+0.0160i	-0.0672-0.0080i	-1.8562+1.0136i	0.3508+0.1992i	0.0821+0.1594i
8.9	-0.4260+0.0214i	-0.0104+0.0117i	-1.4633+0.9559i	-0.5203+0.0716i	-0.0847+0.0141i	-2.0601+1.2914i	0.3724+0.1343i	0.2734+0.1579i
9.0	-0.4503+0.0938i	-0.0142+0.0271i	-1.5597+1.3490i	-0.5447+0.1615i	-0.0202+0.0114i	-2.1572+1.8322i	0.3387+0.0466i	0.4033-0.1631i
9.1	-0.4384+0.1606i	-0.0028+0.0434i	-1.5512+1.6608i	-0.5293+0.2429i	-0.0457+0.0455i	-2.1073+2.2530i	0.2447+0.0338i	0.1272-0.4251i
9.2	-0.5104+0.2619i	0.0030+0.0664i	-1.9487+2.3383i	-0.6158+0.3755i	-0.0343+0.0755i	-2.6175+3.1578i	0.2898+0.0585i	0.0468-0.3592i
9.3	-0.5419+0.4136i	0.0126+0.0895i	-1.9743+3.2895i	-0.6440+0.5705i	-0.0236+0.1026i	-2.6354+4.4367i	0.3354+0.0118i	0.0812-0.4182i
9.4	-0.3524+0.6316i	0.0601+0.1017i	-0.6016+4.3927i	-0.3875+0.8336i	0.0917+0.1160i	-0.7617+5.9034i	0.3066-0.0817i	-0.1318-0.5887i
9.5	-0.0482+0.6471i	0.1092+0.0727i	1.2498+4.1691i	0.0019+0.8342i	0.0179+0.0280i	1.7411+5.5826i	0.2157-0.1305i	-0.4937-0.5091i
9.6	0.1639+0.5113i	0.1285+0.0262i	2.3572+3.1532i	0.2614+0.6486i	0.0931-0.0036i	3.2355+4.2014i	0.1349-0.1222i	-0.7226-0.2334i
9.7	0.1812+0.3696i	0.1119-0.0019i	2.3292+2.2720i	0.2750+0.4660i	0.1533+0.0118i	3.1968+3.0127i	0.1089-0.0846i	-0.6666-0.0074i
9.8	0.1616+0.2504i	0.0888-0.0201i	2.0879+1.5611i	0.2432+0.3153i	0.0988+0.0120i	2.8784+2.0559i	0.1011-0.0468i	-0.5474+0.2350i
9.9	0.1456+0.1843i	0.0722-0.0267i	1.9394+1.1783i	0.2216+0.2330i	0.1451-0.0414i	2.6845+1.5422i	0.1016-0.0336i	-0.4222+0.3741i
10.0	0.1206+0.1393i	0.0557-0.0259i	1.7396+0.9151i	0.1886+0.1769i	0.0972-0.0484i	2.4268+1.1876i	0.1054-0.0262i	-0.2387+0.4155i
10.1	0.0948+0.1046i	0.0470-0.0187i	1.5237+0.7301i	0.1529+0.1338i	0.0376+0.0066i	2.1530+0.9379i	0.1069-0.0298i	-0.0817+0.3560i
10.2	0.0703+0.0925i	0.0456-0.0110i	1.3454+0.6737i	0.1209+0.1160i	0.0671+0.0303i	1.9256+0.8540i	0.1020-0.0376i	-0.0321+0.2813i
10.3	0.0521+0.0828i	0.0440-0.0060i	1.2347+0.6661i	0.0975+0.1040i	0.0560+0.0385i	1.7819+0.8311i	0.0975-0.0469i	-0.0179+0.2701i
10.4	0.0449+0.0785i	0.0450-0.0007i	1.2064+0.6632i	0.0871+0.0990i	0.0356+0.0469i	1.7376+0.8247i	0.0830-0.0544i	0.0015+0.3140i
10.5	0.0417+0.0693i	0.0435+0.0050i	1.2203+0.6156i	0.0822+0.0891i	0.0953+0.0651i	1.7573+0.7717i	0.0633-0.0540i	0.1134+0.3663i
10.6	0.0351+0.0589i	0.0399+0.0101i	1.2139+0.5285i	0.0763+0.0747i	0.1632+0.0230i	1.7618+0.6646i	0.0472-0.0467i	0.2395+0.3085i
10.7	0.0272+0.0456i	0.0417+0.0140i	1.1691+0.4301i	0.0655+0.0582i	0.1222+0.0214i	1.7162+0.5357i	0.0314-0.0351i	0.2922+0.1870i
10.8	0.0173+0.0354i	0.0472+0.0207i	1.0988+0.3494i	0.0532+0.0450i	0.1112-0.0344i	1.6385+0.4303i	0.0226-0.0244i	0.2828+0.1012i
10.9	0.0058+0.0291i	0.0521+0.0238i	1.0272+0.2981i	0.0392+0.0385i	0.1178+0.0072i	1.5607+0.3628i	0.0209-0.0124i	0.2876+0.0446i
11.0	-0.0048+0.0227i	0.0551+0.0255i	0.9542+0.2715i	0.0255+0.0319i	0.0777+0.0474i	1.4814+0.3244i	0.0174-0.0038i	0.3375-0.0205i
11.1	-0.0143+0.0210i	0.0605+0.0298i	0.9014+0.2589i	0.0164+0.0278i	0.0591+0.0044i	1.4251+0.3011i	0.0175+0.0050i	0.3253-0.1706i
11.2	-0.0223+0.0218i	0.0645+0.0343i	0.8582+0.2478i	0.0072+0.0261i	0.0827+0.0487i	1.3824+0.2839i	0.0178+0.0118i	0.2522-0.3103i
11.3	-0.0287+0.0181i	0.0684+0.0344i	0.8154+0.2310i	-0.0011+0.0224i	0.0445+0.0200i	1.3427+0.2581i	0.0172+0.0175i	0.1804-0.3987i
11.4	-0.0359+0.0168i	0.0760+0.0373i	0.7706+0.2159i	-0.0111+0.0193i	0.1332+0.0242i	1.2975+0.2312i	0.0195+0.0236i	-0.0394-0.5057i
11.5	-0.0433+0.0153i	0.0810+0.0377i	0.7364+0.2059i	-0.0197+0.0148i	0.0882+0.0584i	1.2673+0.2178i	0.0153+0.0264i	-0.1478-0.4860i
11.6	-0.0529+0.0135i	0.0857+0.0352i	0.6942+0.1905i	-0.0295+0.0109i	0.1037+0.0291i	1.2316+0.2017i	0.0091+0.0291i	-0.2808-0.3870i
11.7	-0.0589+0.0145i	0.0885+0.0343i	0.6549+0.1909i	-0.0363+0.0116i	0.1070+0.0250i	1.2009+0.2006i	0.0055+0.0320i	-0.3226-0.2509i
11.8	-0.0658+0.0146i	0.0909+0.0374i	0.6152+0.1998i	-0.0463+0.0129i	0.1556+0.0346i	1.1705+0.2016i	0.0034+0.0383i	-0.3815-0.1817i
11.9	-0.0709+0.0140i	0.0886+0.0412i	0.5831+0.2002i	-0.0527+0.0117i	0.1400+0.0093i	1.1504+0.1959i	-0.0013+0.0474i	-0.4101-0.1628i

12.0	-0.0791+0.0123i	0.0862+0.0444i	0.5408+0.2018i	-0.0596+0.0099i	0.1001+0.0133i	1.1268+0.1956i	-0.0093+0.0588i	-0.4805-0.1245i
12.1	-0.0874+0.0129i	0.0851+0.0503i	0.5116+0.2121i	-0.0661+0.0075i	0.1192+0.0401i	1.1135+0.2039i	-0.0162+0.0685i	-0.5407-0.0424i
12.2	-0.0937+0.0160i	0.0807+0.0616i	0.4854+0.2388i	-0.0763+0.0092i	0.0776+0.0469i	1.1092+0.2205i	-0.0229+0.0910i	-0.5877+0.0824i
12.3	-0.0997+0.0184i	0.0805+0.0767i	0.4678+0.2617i	-0.0834+0.0124i	0.1374+0.0483i	1.1093+0.2321i	-0.0208+0.1134i	-0.6089+0.2229i
12.4	-0.1072+0.0198i	0.0850+0.0974i	0.4554+0.2866i	-0.0917+0.0103i	0.0452+0.1245i	1.1138+0.2485i	-0.0049+0.1407i	-0.5562+0.4014i
12.5	-0.1139+0.0253i	0.0977+0.1308i	0.4563+0.3054i	-0.1002+0.0094i	0.0289+0.1374i	1.1352+0.2506i	0.0246+0.1611i	-0.3825+0.5785i
12.6	-0.1171+0.0311i	0.1170+0.1570i	0.4590+0.3113i	-0.1075+0.0098i	0.0665+0.1952i	1.1564+0.2464i	0.0489+0.1581i	-0.2377+0.5527i
12.7	-0.1187+0.0343i	0.1431+0.1834i	0.4593+0.3117i	-0.1167+0.0094i	0.1560+0.2444i	1.1798+0.2360i	0.0627+0.1577i	-0.1603+0.5307i
12.8	-0.1196+0.0404i	0.1955+0.2058i	0.4553+0.3115i	-0.1301+0.0092i	0.2449+0.2265i	1.2052+0.2224i	0.0793+0.1565i	-0.1055+0.4580i
12.9	-0.1191+0.0429i	0.2573+0.2110i	0.4513+0.3068i	-0.1400+0.0128i	0.3217+0.2833i	1.2214+0.2054i	0.0938+0.1515i	-0.0122+0.3558i
13.0	-0.1173+0.0405i	0.3152+0.1956i	0.4376+0.2977i	-0.1469+0.0164i	0.3886+0.2833i	1.2379+0.1756i	0.1011+0.1521i	-0.0330+0.3600i
13.1	-0.1190+0.0339i	0.3641+0.1615i	0.4176+0.2914i	-0.1542+0.0219i	0.4654+0.2638i	1.2456+0.1495i	0.1097+0.1505i	-0.0389+0.3089i
13.2	-0.1230+0.0280i	0.3912+0.1254i	0.3921+0.2967i	-0.1603+0.0244i	0.4873+0.1642i	1.2467+0.1324i	0.1215+0.1606i	-0.0657+0.3173i
13.3	-0.1320+0.0233i	0.4102+0.0822i	0.3651+0.3131i	-0.1675+0.0229i	0.5215+0.0624i	1.2489+0.1259i	0.1486+0.1577i	-0.1523+0.3003i
13.4	-0.1399+0.0199i	0.4208+0.0520i	0.3493+0.3304i	-0.1735+0.0224i	0.5458+0.0057i	1.2580+0.1204i	0.1676+0.1398i	-0.1977+0.3886i
13.5	-0.1500+0.0159i	0.4267+0.0243i	0.3400+0.3541i	-0.1858+0.0216i	0.5242-0.1054i	1.2703+0.1199i	0.1843+0.1323i	-0.1254+0.4906i
13.6	-0.1607+0.0173i	0.4256-0.0030i	0.3411+0.3827i	-0.2011+0.0231i	0.5655-0.1050i	1.2921+0.1256i	0.2055+0.1209i	-0.0678+0.5629i
13.7	-0.1689+0.0194i	0.4235-0.0192i	0.3500+0.3900i	-0.2134+0.0268i	0.5509-0.0503i	1.3227+0.1204i	0.2156+0.1012i	-0.0264+0.6432i
13.8	-0.1807+0.0220i	0.4244-0.0289i	0.3566+0.3857i	-0.2267+0.0318i	0.4919-0.0233i	1.3619+0.1090i	0.2219+0.0812i	0.0749+0.7677i
13.9	-0.1906+0.0214i	0.4304-0.0298i	0.3452+0.3714i	-0.2379+0.0367i	0.4740-0.0073i	1.3959+0.0866i	0.2289+0.0663i	0.2229+0.7623i
14.0	-0.2000+0.0227i	0.4421-0.0277i	0.3250+0.3563i	-0.2494+0.0405i	0.4515-0.0164i	1.4313+0.0609i	0.2396+0.0554i	0.3894+0.8138i
14.1	-0.2117+0.0245i	0.4611-0.0326i	0.2963+0.3539i	-0.2618+0.0464i	0.5204-0.0272i	1.4743+0.0420i	0.2502+0.0420i	0.4559+0.8236i
14.2	-0.2207+0.0232i	0.4862-0.0355i	0.2581+0.3521i	-0.2747+0.0511i	0.5765-0.0286i	1.5231+0.0176i	0.2680+0.0226i	0.6045+0.8526i
14.3	-0.2349+0.0254i	0.5193-0.0423i	0.2112+0.3592i	-0.2911+0.0531i	0.6310-0.1029i	1.5761-0.0240i	0.2947-0.0063i	0.7925+0.7288i
14.4	-0.2523+0.0269i	0.5499-0.0580i	0.1538+0.3706i	-0.3098+0.0563i	0.6821-0.1459i	1.6248-0.0718i	0.3264-0.0539i	0.9537+0.5268i
14.5	-0.2683+0.0295i	0.5786-0.0763i	0.0974+0.3881i	-0.3276+0.0600i	0.7011-0.2026i	1.6669-0.1291i	0.3450-0.1022i	0.9754+0.3846i
14.6	-0.2848+0.0359i	0.6112-0.1135i	0.0176+0.4322i	-0.3512+0.0702i	0.8087-0.2896i	1.7057-0.2351i	0.3799-0.2168i	0.9043+0.1565i
14.7	-0.2964+0.0426i	0.6330-0.1401i	-0.0329+0.4984i	-0.3701+0.0835i	0.8707-0.2483i	1.7019-0.3015i	0.3722-0.3284i	0.8140+0.1642i
14.8	-0.3148+0.0500i	0.6558-0.1611i	-0.0940+0.5785i	-0.3949+0.0959i	0.8434-0.2849i	1.6561-0.4052i	0.3651-0.5428i	0.7383+0.2830i
14.9	-0.3326+0.0630i	0.6714-0.1676i	-0.1539+0.6384i	-0.4199+0.1147i	1.0005-0.3115i	1.5929-0.4395i	0.2650-0.8053i	0.6239+0.4046i
15.0	-0.3376+0.0882i	0.7231-0.1262i	-0.2113+0.7317i	-0.4324+0.1458i	0.9919-0.2975i	1.5953-0.3713i	-0.0646-1.0811i	0.7425+0.7962i
15.1	-0.3251+0.1133i	0.9049-0.1040i	-0.2749+0.8837i	-0.4372+0.1751i	1.1360-0.3243i	1.6965-0.2928i	-0.7629-1.2032i	1.5263+1.2491i
15.2	-0.3125+0.1054i	1.0584-0.1569i	-0.3097+0.9709i	-0.4331+0.1736i	1.3807-0.3239i	1.8089-0.2674i	-1.3214-0.9632i	2.4212+1.1348i
15.3	-0.3096+0.0777i	1.2228-0.3233i	-0.3914+1.1087i	-0.4475+0.1618i	1.6397-0.4346i	1.9854-0.2849i	-1.6367-0.3077i	3.1891+0.3039i
15.4	-0.3224+0.0377i	1.3940-0.5847i	-0.5673+1.3586i	-0.4944+0.1477i	1.7779-0.8558i	2.2250-0.3728i	-1.6222+0.3363i	3.6508-1.0089i
15.5	-0.3472-0.0004i	1.4865-0.8679i	-0.6583+1.7073i	-0.5382+0.1494i	1.9574-1.2811i	2.4244-0.5405i	-1.5450+0.7188i	3.6192-2.0724i
15.6	-0.3926-0.0410i	1.4599-1.2593i	-0.5779+2.1991i	-0.5881+0.1659i	2.0130-1.9345i	2.5774-0.8434i	-1.3868+1.1161i	3.0700-3.2028i
15.7	-0.4913-0.0881i	1.1827-1.7385i	-0.1782+2.7892i	-0.6656+0.1942i	1.5210-2.6323i	2.6144-1.2780i	-1.0295+1.5301i	1.6885-4.4635i
15.8	-0.6105-0.1208i	0.7594-2.0946i	0.4342+3.2519i	-0.7439+0.2211i	0.9571-3.1164i	2.5475-1.6723i	-0.7236+1.8013i	0.0040-5.1820i
15.9	-0.7616-0.0814i	0.2011-2.1450i	1.2128+3.3433i	-0.8221+0.2993i	0.1539-3.2611i	2.2831-1.9866i	-0.3451+2.0015i	-1.8051-4.7131i
16.0	-0.9029+0.0169i	-0.2862-1.9009i	2.0270+3.0890i	-0.8840+0.4112i	-0.6062-2.9905i	1.9900-2.1019i	0.1691+2.1833i	-2.9350-3.3443i
16.1	-0.9830+0.1138i	-0.4827-1.6215i	2.4973+2.7164i	-0.9162+0.4918i	-0.9450-2.5365i	1.8499-2.0833i	0.6094+2.1631i	-3.1892-2.2275i
16.2	-1.0661+0.2351i	-0.5394-1.3412i	2.7915+2.2053i	-0.9609+0.5811i	-0.9446-2.1914i	1.8342-2.0987i	1.0338+1.9998i	-3.1666-1.5582i
16.3	-1.1547+0.3648i	-0.5012-1.1441i	2.9469+1.7791i	-1.0301+0.6963i	-1.0677-1.8469i	1.9122-2.1899i	1.4115+1.7823i	-3.3434-1.0582i
16.4	-1.2097+0.5122i	-0.4045-1.0629i	2.9196+1.4895i	-1.0746+0.8355i	-1.0067-1.8108i	1.9794-2.3687i	1.6235+1.4756i	-3.5385-0.5140i
16.5	-1.2723+0.7261i	-0.3419-1.0643i	3.0363+1.1431i	-1.1089+1.0528i	-0.8990-1.7529i	2.0958-2.7821i	1.7755+1.2524i	-4.0328+0.5928i
16.6	-1.3006+0.9443i	-0.3353-1.1443i	3.1843+0.8220i	-1.0985+1.2826i	-0.9969-1.7126i	2.1062-3.3527i	2.0964+1.1997i	-4.2862+2.2560i
16.7	-1.2906+1.2264i	-0.4538-1.2589i	3.1211+0.3378i	-1.0399+1.5556i	-1.0828-1.8638i	1.6125-4.1001i	2.7761+0.6964i	-2.3538+4.6576i
16.8	-1.2005+1.4917i	-0.6705-1.2359i	2.9036+0.0639i	-0.9086+1.7958i	-1.1669-1.8347i	0.9382-4.4181i	2.8124-0.2950i	0.6718+3.7935i
16.9	-0.9575+1.7894i	-0.8792-1.0366i	2.7878-0.1723i	-0.6087+2.0496i	-1.5418-1.5956i	0.1401-4.6131i	2.1850-0.9886i	1.3844+2.1354i
17.0	-0.6249+2.0437i	-0.9490-0.8287i	2.6776-0.4169i	-0.2408+2.2521i	-1.7272-1.3282i	-0.7915-4.6728i	1.5421-0.9952i	1.5853+1.7326i
17.1	-0.3320+2.1117i	-0.9367-0.7152i	2.4366-0.6913i	0.0618+2.2656i	-1.6743-1.0802i	-1.4778-4.3616i	1.5760-1.2606i	1.9524+0.3168i
17.2	0.0640+2.1667i	-0.9391-0.5749i	2.0887-0.8103i	0.4529+2.2556i	-1.7303-0.9510i	-2.1350-3.8523i	0.9780-1.7418i	1.1058-0.7150i
17.3	0.4409+2.0171i	-0.8652-0.4350i	1.9488-0.6819i	0.8058+2.0721i	-1.7135-0.7315i	-2.4978-3.1685i	0.5085-1.0450i	0.7230-0.2096i
17.4	0.7160+1.7557i	-0.7710-0.3542i	1.9092-0.7353i	1.0671+1.7735i	-1.5540-0.5788i	-2.6998-2.4692i	0.8450-0.7832i	1.1647-0.5630i
17.5	0.8422+1.5609i	-0.7168-0.3306i	1.7873-0.8394i	1.1699+1.5539i	-1.4434-0.5370i	-2.6503-2.0156i	0.9315-1.1110i	0.6141-1.2092i
17.6	0.9615+1.3381i	-0.6736-0.2933i	1.5250-0.8852i	1.2459+1.3108i	-1.4375-0.4872i	-2.5901-1.5705i	0.5073-1.4192i	-0.4730-0.9192i
17.7	0.9944+1.1246i	-0.6299-0.2685i	1.3854-0.8539i	1.2556+1.0935i	-1.3434-0.4913i	-2.5060-1.2316i	0.1263-1.3412i	-0.4976-0.5045i
17.8	0.9968+0.9213i	-0.5899-0.2547i	1.2761-0.8266i	1.2382+0.8941i	-1.2779-0.4238i	-2.3651-0.8856i	-0.1396-1.2011i	-0.5949-0.3167i
17.9	0.9670+0.7945i	-0.5698-0.2504i	1.1818-0.8029i	1.1978+0.7729i	-1.2792-0.3726i	-2.2065-0.6746i	-0.2933-1.0099i	-0.5946-0.0886i
18.0	0.9232+0.6571i	-0.5526-0.2398i	1.0848-0.7509i	1.1468+0.6439i	-1.2892-0.4042i	-2.0034-0.4977i	-0.3984-0.7216i	-0.4707+0.0846i
18.1	0.8728+0.5621i	-0.5439-0.2218i	1.0329-0.7065i	1.0957+0.5544i	-1.3512-0.3699i	-1.8543-0.4136i	-0.3621-0.5091i	-0.3494+0.1380i
18.2	0.8015+0.4668i	-0.5192-0.1995i	0.9607-0.6882i	1.0244+0.4627i	-1.2783-0.3662i	-1.7305-0.3368i	-0.2779-0.3731i	-0.2612+0.1455i

18.3	0.7473+0.4088i	-0.4973-0.1882i	0.8828-0.6690i	0.9696+0.4047i	-1.2772-0.3451i	-1.6751-0.2754i	-0.2237-0.2989i	-0.2067+0.1193i
18.4	0.7011+0.3632i	-0.4777-0.1775i	0.8125-0.6386i	0.9264+0.3553i	-1.3308-0.2299i	-1.6564-0.1973i	-0.1868-0.2397i	-0.1893+0.1033i
18.5	0.6414+0.3258i	-0.4542-0.1730i	0.7303-0.6084i	0.8646+0.3138i	-1.4119-0.2159i	-1.6480-0.0721i	-0.1469-0.2036i	-0.1804+0.1354i
18.6	0.5683+0.2894i	-0.4313-0.1825i	0.5976-0.4804i	0.7810+0.2851i	-1.3379-0.2952i	-1.5335+0.2272i	-0.1281-0.1329i	-0.1318+0.1537i
18.7	0.5265+0.2921i	-0.4376-0.1897i	0.6392-0.3667i	0.7484+0.3036i	-1.3575-0.3295i	-1.2597+0.2823i	-0.0245-0.0975i	-0.1192+0.1149i
18.8	0.4904+0.2817i	-0.4473-0.1755i	0.6571-0.3172i	0.7331+0.2957i	-1.3667-0.2045i	-1.0708+0.2226i	0.0670-0.1369i	-0.1686+0.1356i
18.9	0.4583+0.2733i	-0.4424-0.1557i	0.6603-0.2659i	0.7142+0.2790i	-1.3809-0.1382i	-1.0040+0.1966i	0.0554-0.1434i	-0.1406+0.1354i
19.0	0.4259+0.2740i	-0.4317-0.1430i	0.6667-0.2375i	0.6908+0.2683i	-1.4032-0.0765i	-0.9377+0.1650i	0.0705-0.1645i	-0.0835+0.1354i
19.1	0.3966+0.2743i	-0.4186-0.1204i	0.6792-0.2060i	0.6715+0.2581i	-1.4662-0.0248i	-0.8937+0.1464i	0.0718-0.1630i	-0.0620+0.1174i
19.2	0.3685+0.2716i	-0.4098-0.0969i	0.7022-0.1731i	0.6555+0.2439i	-1.5487-0.0055i	-0.8598+0.1366i	0.0611-0.1536i	-0.0505+0.0676i
19.3	0.3415+0.2771i	-0.3832-0.0761i	0.7227-0.1465i	0.6351+0.2372i	-1.5192+0.0600i	-0.8175+0.1274i	0.0660-0.1474i	-0.0447+0.0311i
19.4	0.3144+0.2860i	-0.3496-0.0602i	0.7430-0.1332i	0.6111+0.2299i	-1.4453+0.1839i	-0.7851+0.1226i	0.0826-0.1471i	-0.0670+0.0341i
19.5	0.3009+0.2969i	-0.3374-0.0505i	0.7711-0.1349i	0.6060+0.2272i	-1.4926+0.1897i	-0.7519+0.1204i	0.0887-0.1539i	-0.0640+0.0417i
19.6	0.2851+0.3062i	-0.2973-0.0443i	0.7935-0.1469i	0.5876+0.2125i	-1.5265+0.1338i	-0.7146+0.1068i	0.0937-0.1534i	-0.0656+0.0420i
19.7	0.2603+0.3310i	-0.2614-0.0506i	0.8035-0.1742i	0.5610+0.2266i	-1.4085+0.2325i	-0.6861+0.0506i	0.1079-0.1547i	-0.0866+0.0298i
19.8	0.2569+0.3493i	-0.2325-0.0595i	0.7898-0.2004i	0.5539+0.2317i	-1.4092+0.3147i	-0.6986+0.0186i	0.0996-0.1532i	-0.0894+0.0169i
19.9	0.2512+0.3734i	-0.1912-0.0722i	0.7539-0.2252i	0.5372+0.2436i	-1.3535+0.3217i	-0.7215-0.0133i	0.1060-0.1551i	-0.0903+0.0289i
20.0	0.2451+0.3981i	-0.1525-0.0934i	0.7183-0.2201i	0.5234+0.2640i	-1.2501+0.2896i	-0.7615-0.0267i	0.1147-0.1514i	-0.1148+0.0348i
20.1	0.2569+0.4140i	-0.1136-0.1113i	0.6697-0.2056i	0.5374+0.2797i	-1.2976+0.2572i	-0.8237-0.0137i	0.1161-0.1548i	-0.1037+0.0474i
20.2	0.2548+0.4359i	-0.0840-0.1561i	0.6420-0.1633i	0.5356+0.3021i	-1.2922+0.4073i	-0.8736+0.0265i	0.1325-0.1572i	-0.1101+0.0700i
20.3	0.2710+0.4476i	-0.0696-0.2075i	0.6447-0.1312i	0.5587+0.3025i	-1.3161+0.4082i	-0.8869+0.0900i	0.1336-0.1625i	-0.1096+0.0747i
20.4	0.2843+0.4619i	-0.0344-0.2592i	0.6485-0.1108i	0.5872+0.3064i	-1.3707+0.3945i	-0.8976+0.1381i	0.1249-0.1670i	-0.1113+0.0806i
20.5	0.2946+0.4834i	-0.0107-0.3211i	0.6444-0.1026i	0.6105+0.3087i	-1.3656+0.3343i	-0.9097+0.1604i	0.1182-0.1715i	-0.1204+0.0826i
20.6	0.3083+0.4911i	-0.0187-0.3911i	0.6294-0.0920i	0.6311+0.2807i	-1.4466+0.4776i	-0.9151+0.2084i	0.1239-0.1688i	-0.1258+0.0813i
20.7	0.3367+0.5004i	-0.0495-0.4716i	0.6089-0.0623i	0.6536+0.2522i	-1.4618+0.5268i	-0.9337+0.2785i	0.1316-0.1613i	-0.1299+0.0969i
20.8	0.3722+0.5082i	-0.0994-0.5449i	0.6103-0.0294i	0.6748+0.2297i	-1.5311+0.5393i	-0.9084+0.3380i	0.1445-0.1662i	-0.1161+0.1066i
20.9	0.4012+0.5062i	-0.1751-0.6067i	0.6055-0.0112i	0.6718+0.2052i	-1.4961+0.6258i	-0.9000+0.3515i	0.1461-0.1819i	-0.1048+0.1019i
21.0	0.4311+0.4997i	-0.2471-0.6717i	0.5958+0.0315i	0.6727+0.1786i	-1.5003+0.6913i	-0.9222+0.4017i	0.1381-0.1933i	-0.1067+0.1206i
21.1	0.4470+0.4830i	-0.3033-0.6785i	0.5893+0.0738i	0.6765+0.1524i	-1.4332+0.7435i	-0.9355+0.4590i	0.1337-0.1977i	-0.0952+0.1402i
21.2	0.4685+0.4615i	-0.4002-0.6824i	0.6044+0.1317i	0.6782+0.1332i	-1.4323+0.7886i	-0.9347+0.5407i	0.1274-0.2044i	-0.0969+0.1413i
21.3	0.4844+0.4410i	-0.5320-0.6795i	0.6398+0.1876i	0.6625+0.1199i	-1.3854+0.7989i	-0.9081+0.6239i	0.1199-0.2198i	-0.0910+0.1340i
21.4	0.4929+0.4228i	-0.6254-0.6654i	0.7006+0.2250i	0.6534+0.0989i	-1.4257+0.7800i	-0.8475+0.6695i	0.1067-0.2101i	-0.0829+0.1355i
21.5	0.5035+0.4033i	-0.7165-0.6281i	0.7503+0.2446i	0.6557+0.0835i	-1.4601+0.8017i	-0.8118+0.7049i	0.0974-0.2154i	-0.0732+0.1323i
21.6	0.5040+0.3902i	-0.8100-0.5904i	0.7916+0.2597i	0.6391+0.0725i	-1.4559+0.8640i	-0.7690+0.7562i	0.0730-0.2296i	-0.0711+0.1405i
21.7	0.5028+0.3688i	-0.8747-0.5158i	0.8504+0.2762i	0.6378+0.0555i	-1.5538+0.8996i	-0.7217+0.8051i	0.0503-0.2086i	-0.0679+0.1377i
21.8	0.4994+0.3541i	-0.9356-0.4364i	0.8926+0.2772i	0.6426+0.0466i	-1.6619+1.0597i	-0.7185+0.8419i	0.0509-0.2020i	-0.0671+0.1499i
21.9	0.4934+0.3462i	-0.9787-0.3588i	0.9474+0.2565i	0.6481+0.0326i	-1.7634+1.2022i	-0.6956+0.8491i	0.0440-0.1839i	-0.0779+0.1645i
22.0	0.4833+0.3379i	-1.0255-0.2664i	1.0034+0.2522i	0.6524+0.0237i	-1.9253+1.2760i	-0.6599+0.8863i	0.0411-0.1623i	-0.0862+0.1657i
22.1	0.4724+0.3300i	-1.0673-0.1693i	1.0587+0.2335i	0.6468+0.0024i	-1.9018+1.4155i	-0.6199+0.9186i	0.0541-0.1416i	-0.0827+0.1763i
22.2	0.4715+0.3296i	-1.1012-0.0741i	1.1039+0.2097i	0.6402-0.0172i	-1.9427+1.6230i	-0.5903+0.9737i	0.0629-0.1554i	-0.0700+0.1942i
22.3	0.4598+0.3334i	-1.1100+0.0595i	1.1437+0.1757i	0.6504-0.0470i	-2.0342+1.9960i	-0.5945+1.0540i	0.0605-0.1634i	-0.0711+0.2143i
22.4	0.4545+0.3452i	-1.1282+0.2091i	1.1802+0.1180i	0.6464-0.0802i	-2.0178+2.4559i	-0.5813+1.0997i	0.0684-0.1597i	-0.0518+0.2266i
22.5	0.4538+0.3570i	-1.1213+0.3625i	1.2091+0.0628i	0.6374-0.1126i	-1.9606+2.8037i	-0.5512+1.1833i	0.0812-0.1533i	-0.0373+0.2397i
22.6	0.4563+0.3787i	-1.0445+0.5530i	1.2200+0.0072i	0.6134-0.1600i	-1.7767+3.3946i	-0.4761+1.3034i	0.0723-0.1724i	-0.0126+0.2613i
22.7	0.4787+0.3954i	-0.9047+0.7102i	1.2034-0.0410i	0.5729-0.2047i	-1.3263+3.8958i	-0.3595+1.4078i	0.0599-0.1960i	0.0213+0.2732i
22.8	0.5151+0.4026i	-0.7064+0.8070i	1.1711-0.0684i	0.5136-0.2240i	-0.5924+4.0648i	-0.2101+1.4590i	0.0456-0.1932i	0.0585+0.2725i
22.9	0.5502+0.3979i	-0.5058+0.8614i	1.1456-0.0854i	0.4566-0.2320i	0.2158+4.1016i	-0.0771+1.4763i	0.0227-0.1704i	0.0938+0.2620i
23.0	0.5886+0.3674i	-0.2798+0.8019i	1.1350-0.0695i	0.3882-0.2175i	1.0059+3.8591i	0.1273+1.4742i	-0.0047-0.1387i	0.1325+0.2426i
23.1	0.6141+0.3382i	-0.0966+0.7039i	1.1567-0.0528i	0.3377-0.1946i	1.5795+3.4593i	0.3476+1.4309i	-0.0244-0.1109i	0.1691+0.2271i
23.2	0.6233+0.3051i	0.0268+0.5975i	1.1654-0.0591i	0.3055-0.1566i	1.8554+2.9125i	0.4713+1.3048i	-0.0082-0.0934i	0.1837+0.1932i
23.3	0.6147+0.2811i	0.0522+0.5011i	1.1764-0.0847i	0.3009-0.1179i	1.9428+2.5417i	0.4705+1.1989i	0.0229-0.0796i	0.1850+0.1608i
23.4	0.6110+0.2529i	0.1133+0.3668i	1.1904-0.0991i	0.2885-0.0831i	2.0989+2.0496i	0.5201+1.0816i	0.0293-0.0746i	0.1954+0.1295i
23.5	0.6064+0.2340i	0.1179+0.2993i	1.2137-0.1228i	0.2864-0.0600i	1.9943+1.7393i	0.5063+1.0111i	0.0467-0.0616i	0.1915+0.1107i
23.6	0.5995+0.2172i	0.1267+0.1981i	1.2337-0.1489i	0.2862-0.0361i	1.9283+1.4681i	0.4861+0.9557i	0.0647-0.0493i	0.1848+0.0899i
23.7	0.5911+0.2077i	0.1000+0.1280i	1.2482-0.1764i	0.2929-0.0174i	1.7898+1.1788i	0.4839+0.9219i	0.0832-0.0296i	0.1731+0.0760i
23.8	0.5827+0.1971i	0.0841+0.0738i	1.2547-0.2085i	0.2962+0.0020i	1.7569+0.9520i	0.4895+0.8597i	0.1147-0.0277i	0.1658+0.0478i
23.9	0.5750+0.1873i	0.0525+0.0316i	1.2528-0.2417i	0.3042+0.0123i	1.6205+0.6854i	0.4683+0.8349i	0.1547-0.0336i	0.1528+0.0326i
24.0	0.5685+0.1801i	0.0298+0.0016i	1.2539-0.2631i	0.3105+0.0181i	1.4742+0.5898i	0.4784+0.8348i	0.1643-0.0251i	0.1313+0.0272i
24.1	0.5623+0.1740i	0.0217-0.0087i	1.2403-0.2882i	0.3179+0.0280i	1.4335+0.5743i	0.5177+0.8345i	0.1919-0.0306i	0.1208+0.0229i
24.2	0.5564+0.1715i	-0.0021-0.0229i	1.2385-0.3120i	0.3251+0.0374i	1.3607+0.4976i	0.5430+0.8390i	0.1680-0.0622i	0.1181+0.0223i
24.3	0.5541+0.1619i	-0.0196-0.0813i	1.2287-0.3394i	0.3315+0.0360i	1.2607+0.3762i	0.5627+0.8096i	0.1560-0.0473i	0.1109+0.0339i
24.4	0.5491+0.1574i	-0.0420-0.0910i	1.2286-0.3572i	0.3305+0.0365i	1.1768+0.3375i	0.5888+0.7889i	0.1889-0.0230i	0.1068+0.0275i
24.5	0.5455+0.1542i	-0.0497-0.0960i	1.2192-0.3728i	0.3316+0.0379i	1.0611+0.3597i	0.6144+0.7989i	0.2405-0.0205i	0.1094+0.0268i

24.6	0.5390+0.1493i	-0.0371-0.0779i	1.1993-0.3862i	0.3373+0.0427i	1.0515+0.2634i	0.6402+0.7768i	0.3162-0.0576i	0.1093+0.0186i
24.7	0.5336+0.1480i	-0.0547-0.0908i	1.2100-0.3955i	0.3381+0.0469i	1.0143+0.2508i	0.6703+0.7307i	0.3542-0.1223i	0.1068+0.0167i
24.8	0.5266+0.1461i	-0.0627-0.0950i	1.2080-0.4118i	0.3386+0.0532i	0.9624+0.2237i	0.7147+0.6788i	0.3869-0.2224i	0.1028+0.0238i
24.9	0.5185+0.1415i	-0.0563-0.1029i	1.2079-0.4376i	0.3399+0.0621i	0.9118+0.2193i	0.7352+0.5834i	0.3275-0.2927i	0.1061+0.0171i
25.0	0.5161+0.1398i	-0.0600-0.1033i	1.2061-0.4628i	0.3423+0.0691i	0.8447+0.1831i	0.7385+0.5147i	0.2690-0.3136i	0.1123+0.0052i
25.1	0.5147+0.1423i	-0.0542-0.1051i	1.2045-0.4864i	0.3460+0.0781i	0.9516+0.2225i	0.7202+0.4438i	0.2540-0.3272i	0.1068-0.0079i
25.2	0.5103+0.1413i	-0.0471-0.1094i	1.1969-0.5116i	0.3559+0.0854i	0.8063+0.1728i	0.6817+0.3645i	0.2043-0.3677i	0.0956-0.0150i
25.3	0.5098+0.1396i	-0.0449-0.1149i	1.1942-0.5228i	0.3637+0.0891i	0.6394+0.0890i	0.6263+0.3198i	0.1482-0.3711i	0.0934-0.0150i
25.4	0.5070+0.1383i	-0.0363-0.1239i	1.1871-0.5417i	0.3714+0.0890i	0.6244+0.0792i	0.5599+0.2994i	0.1176-0.3183i	0.0926-0.0074i
25.5	0.5026+0.1371i	-0.0205-0.1395i	1.1645-0.5636i	0.3778+0.0927i	0.6239+0.1015i	0.4885+0.2935i	0.1079-0.3065i	0.0885-0.0108i
25.6	0.4979+0.1394i	-0.0047-0.1664i	1.1581-0.5700i	0.3861+0.0992i	0.6037+0.0493i	0.4213+0.2872i	0.0944-0.2997i	0.0812-0.0124i
25.7	0.4958+0.1436i	0.0153-0.1864i	1.1494-0.5653i	0.3960+0.1068i	0.6496+0.0234i	0.3277+0.3103i	0.0969-0.2966i	0.0852-0.0129i
25.8	0.4986+0.1462i	0.0238-0.2166i	1.1703-0.5612i	0.4134+0.1082i	0.6734-0.0624i	0.2676+0.3715i	0.0930-0.2840i	0.0782-0.0109i
25.9	0.4927+0.1435i	0.0274-0.2503i	1.2047-0.5721i	0.4311+0.1007i	0.5284-0.0166i	0.2457+0.4325i	0.0813-0.3052i	0.0765-0.0275i
26.0	0.4887+0.1469i	0.0361-0.2820i	1.2306-0.6247i	0.4431+0.0975i	0.5880-0.1185i	0.2173+0.4622i	0.0353-0.2975i	0.0677-0.0370i
26.1	0.4914+0.1525i	0.0438-0.3204i	1.2360-0.6534i	0.4539+0.0955i	0.5193-0.0921i	0.1860+0.5136i	0.0035-0.2976i	0.0645-0.0389i
26.2	0.4923+0.1572i	0.0375-0.3805i	1.2517-0.7070i	0.4699+0.0808i	0.5449-0.0352i	0.1646+0.5925i	-0.0334-0.2505i	0.0500-0.0386i
26.3	0.4926+0.1564i	0.0206-0.4383i	1.2420-0.7813i	0.4810+0.0581i	0.4580-0.0223i	0.1309+0.7035i	-0.0321-0.1880i	0.0360-0.0298i
26.4	0.4943+0.1579i	0.0010-0.4679i	1.2207-0.8133i	0.4805+0.0471i	0.4045-0.0806i	0.1229+0.8047i	-0.0299-0.1478i	0.0302-0.0329i
26.5	0.4923+0.1620i	-0.0297-0.5226i	1.1945-0.8714i	0.4762+0.0302i	0.4293-0.1442i	0.1700+0.9205i	0.0122-0.1086i	0.0169-0.0209i
26.6	0.4840+0.1689i	-0.0675-0.5676i	1.1627-0.9272i	0.4692+0.0225i	0.4216-0.0916i	0.2453+0.9883i	0.0855-0.0980i	0.0138-0.0155i
26.7	0.4858+0.1741i	-0.1041-0.5995i	1.1318-0.9621i	0.4727+0.0176i	0.4200-0.1701i	0.3012+1.0893i	0.0977-0.0857i	0.0116-0.0085i
26.8	0.4843+0.1824i	-0.1338-0.6442i	1.1113-0.9982i	0.4724+0.0079i	0.4033-0.0868i	0.4147+1.1714i	0.1321-0.1035i	0.0077-0.0040i
26.9	0.4836+0.1941i	-0.1706-0.6780i	1.0774-1.0337i	0.4728+0.0040i	0.3398-0.0775i	0.4991+1.1881i	0.1533-0.1562i	0.0066+0.0009i
27.0	0.4887+0.2054i	-0.2123-0.7263i	1.0344-1.0906i	0.4784-0.0064i	0.1750-0.1050i	0.5528+1.2321i	0.1639-0.1843i	0.0036+0.0222i
27.1	0.4968+0.2156i	-0.2692-0.7708i	0.9891-1.1416i	0.4767-0.0200i	0.1821-0.1273i	0.6297+1.2981i	0.1687-0.1938i	0.0135+0.0369i
27.2	0.5045+0.2281i	-0.3500-0.8163i	0.9146-1.2053i	0.4684-0.0347i	0.2091-0.0311i	0.7557+1.3786i	0.1449-0.2285i	0.0252+0.0494i
27.3	0.5163+0.2400i	-0.4462-0.8476i	0.8036-1.2617i	0.4527-0.0482i	0.1465-0.0710i	0.9232+1.4455i	0.1327-0.2312i	0.0355+0.0632i
27.4	0.5329+0.2500i	-0.5654-0.8461i	0.6840-1.2632i	0.4318-0.0574i	-0.0373+0.0629i	1.1219+1.4601i	0.1153-0.2420i	0.0527+0.0711i
27.5	0.5529+0.2607i	-0.6812-0.8304i	0.5672-1.2668i	0.4126-0.0603i	-0.0899+0.1117i	1.3311+1.4552i	0.0665-0.2211i	0.0654+0.0669i
27.6	0.5716+0.2690i	-0.7884-0.8040i	0.4493-1.2426i	0.3943-0.0572i	-0.1090+0.1779i	1.5323+1.4378i	0.0680-0.1881i	0.0784+0.0650i
27.7	0.5933+0.2706i	-0.8921-0.7119i	0.3243-1.1537i	0.3765-0.0421i	0.0402+0.3080i	1.7670+1.2970i	0.0625-0.1884i	0.0969+0.0503i
27.8	0.6152+0.2672i	-0.9469-0.6113i	0.2484-1.0515i	0.3669-0.0240i	0.0719+0.3864i	1.9527+1.1225i	0.0472-0.1807i	0.1180+0.0349i
27.9	0.6336+0.2609i	-0.9803-0.5225i	0.1987-0.9477i	0.3608-0.0064i	0.1091+0.3055i	2.0975+0.9205i	0.0446-0.1509i	0.1244+0.0191i
28.0	0.6456+0.2550i	-0.9905-0.4475i	0.1677-0.8563i	0.3598+0.0085i	0.1563+0.3243i	2.1796+0.7220i	0.0229-0.1174i	0.1257+0.0143i
28.1	0.6639+0.2540i	-0.9990-0.3732i	0.1480-0.7446i	0.3618+0.0343i	0.2199+0.4422i	2.2318+0.4563i	0.0034-0.0957i	0.1290-0.0035i
28.2	0.6826+0.2461i	-0.9710-0.3251i	0.1974-0.6186i	0.3889+0.0585i	0.3175+0.4356i	2.1804+0.2409i	-0.0181-0.0968i	0.1288-0.0315i
28.3	0.7043+0.2345i	-0.9559-0.2942i	0.2545-0.5517i	0.4156+0.0532i	0.3366+0.3954i	2.1502+0.0694i	-0.0396+0.0052i	0.1165-0.0437i
28.4	0.7156+0.2231i	-0.9501-0.2663i	0.2789-0.5245i	0.4263+0.0449i	0.3322+0.3375i	2.0971-0.0564i	0.0005+0.0532i	0.1046-0.0438i
28.5	0.7234+0.2114i	-0.9505-0.2365i	0.3037-0.4821i	0.4298+0.0400i	0.3249+0.3047i	2.0377-0.1671i	0.0225+0.0641i	0.1055-0.0483i
28.6	0.7320+0.2049i	-0.9379-0.2301i	0.3520-0.4141i	0.4343+0.0378i	0.3624+0.3411i	2.0192-0.3122i	0.0640+0.1455i	0.1036-0.0445i
28.7	0.7477+0.2001i	-0.9364-0.2253i	0.3792-0.3729i	0.4425+0.0327i	0.3409+0.3363i	1.9687-0.4520i	0.0682+0.2407i	0.0952-0.0552i
28.8	0.7541+0.1940i	-0.9499-0.2264i	0.4310-0.3501i	0.4429+0.0246i	0.3385+0.1990i	1.8977-0.5439i	0.1170+0.2553i	0.0947-0.0597i
28.9	0.7649+0.1875i	-0.9692-0.2239i	0.4817-0.3264i	0.4429+0.0173i	0.3200+0.2009i	1.8151-0.6511i	0.2203+0.2705i	0.1030-0.0682i
29.0	0.7787+0.1786i	-0.9926-0.2134i	0.5152-0.2998i	0.4412+0.0142i	0.3649+0.1622i	1.7378-0.7570i	0.3285+0.3225i	0.0975-0.0773i
29.1	0.7954+0.1728i	-1.0224-0.2030i	0.5535-0.2720i	0.4401+0.0136i	0.3355+0.1022i	1.6682-0.8674i	0.4309+0.4154i	0.0935-0.0842i
29.2	0.8150+0.1673i	-1.0654-0.1867i	0.6006-0.2526i	0.4352+0.0156i	0.3311+0.1882i	1.5708-0.9630i	0.5322+0.3516i	0.0929-0.0815i
29.3	0.8300+0.1578i	-1.0985-0.1637i	0.6666-0.2523i	0.4353+0.0184i	0.4275+0.2306i	1.4858-1.0358i	0.6190+0.3927i	0.0796-0.0867i
29.4	0.8469+0.1468i	-1.1255-0.1510i	0.7286-0.2468i	0.4374+0.0196i	0.4996+0.1288i	1.3969-1.1185i	0.7352+0.4513i	0.0651-0.1021i
29.5	0.8590+0.1326i	-1.1620-0.1046i	0.7744-0.2579i	0.4359+0.0260i	0.4636+0.0747i	1.2534-1.1732i	0.8994+0.3945i	0.0561-0.1126i
29.6	0.8776+0.1225i	-1.2003-0.0764i	0.8135-0.2517i	0.4344+0.0285i	0.3510+0.1702i	1.1173-1.2219i	1.1108+0.3817i	0.0400-0.1146i
29.7	0.8899+0.1090i	-1.2424-0.0575i	0.8710-0.2636i	0.4356+0.0293i	0.3607+0.0947i	1.0153-1.2703i	1.2805+0.3469i	0.0305-0.1038i
29.8	0.9014+0.0908i	-1.2826-0.0101i	0.9162-0.2764i	0.4346+0.0309i	0.3492+0.0981i	0.9027-1.2917i	1.4767+0.1824i	0.0298-0.1061i
29.9	0.9201+0.0704i	-1.3479+0.0300i	0.9831-0.2916i	0.4285+0.0312i	0.2824+0.0499i	0.7857-1.3162i	1.5965+0.0836i	0.0248-0.1102i
30.0	0.9315+0.0472i	-1.4019+0.0950i	1.0549-0.3187i	0.4256+0.0333i	0.3590-0.0039i	0.6327-1.3150i	1.6639-0.2141i	0.0014-0.1122i
30.1	0.9381+0.0298i	-1.4431+0.1777i	1.1164-0.3516i	0.4253+0.0429i	0.2702+0.0839i	0.5280-1.3319i	1.8016-0.4596i	-0.0026-0.1113i
30.2	0.9418+0.0123i	-1.4669+0.2636i	1.1713-0.3978i	0.4229+0.0515i	0.1900+0.0408i	0.4088-1.2987i	1.8418-0.6995i	-0.0017-0.1064i
30.3	0.9425-0.0053i	-1.4731+0.3694i	1.2349-0.4881i	0.4210+0.0589i	0.2083+0.1531i	0.2779-1.2632i	1.8721-0.9722i	-0.0257-0.0921i
30.4	0.9437-0.0185i	-1.4713+0.4736i	1.2639-0.5908i	0.4189+0.0717i	0.3092+0.2595i	0.1952-1.2502i	1.8195-1.1917i	-0.0362-0.0828i
30.5	0.9534-0.0244i	-1.4448+0.5429i	1.2435-0.6680i	0.4176+0.0910i	0.2768+0.3083i	0.0873-1.2445i	1.7183-1.4769i	-0.0333-0.0715i
30.6	0.9784-0.0336i	-1.4391+0.5633i	1.2365-0.7015i	0.4295+0.0995i	0.2961+0.3332i	-0.0661-1.2309i	1.5024-1.6550i	-0.0458-0.0711i
30.7	0.9986-0.0567i	-1.4753+0.6578i	1.2485-0.7397i	0.4303+0.1127i	0.3793+0.3044i	-0.1928-1.1791i	1.4424-1.7904i	-0.0431-0.0663i
30.8	1.0183-0.0842i	-1.5176+0.7538i	1.2758-0.7786i	0.4278+0.1282i	0.3834+0.2281i	-0.3649-1.1018i	1.2749-2.0989i	-0.0283-0.0549i

30.9	1.0345-0.1141i	-1.5580+0.8441i	1.3057-0.8242i	0.4263+0.1401i	0.3143+0.2264i	-0.4636-1.0309i	1.1600-2.2714i	-0.0214-0.0461i
31.0	1.0485-0.1577i	-1.6083+0.9745i	1.3226-0.9047i	0.4124+0.1568i	0.4240+0.1729i	-0.5544-0.9773i	0.9755-2.4508i	-0.0196-0.0605i
31.1	1.0433-0.2024i	-1.5699+1.1753i	1.3129-1.0082i	0.4090+0.1921i	0.3916+0.1441i	-0.6903-0.8574i	0.7151-2.5171i	-0.0041-0.0420i
31.2	1.0397-0.2281i	-1.5194+1.3208i	1.2986-1.0649i	0.4205+0.2285i	0.2368+0.1544i	-0.7936-0.7233i	0.3822-2.6698i	-0.0006-0.0342i
31.3	1.0252-0.2584i	-1.4283+1.4630i	1.2809-1.1143i	0.4416+0.2704i	0.3873+0.2224i	-0.8870-0.5790i	-0.1122-2.5651i	-0.0257-0.0451i
31.4	1.0173-0.2954i	-1.3600+1.6622i	1.2727-1.1722i	0.4543+0.3241i	0.4340+0.1798i	-0.9662-0.4529i	-0.4395-2.4246i	-0.0233-0.0608i
31.5	0.9969-0.3381i	-1.2169+1.9124i	1.2593-1.2324i	0.4929+0.3904i	0.3957+0.2184i	-1.0397-0.3368i	-0.6257-2.3950i	-0.0153-0.0673i
31.6	0.9722-0.3589i	-1.0343+2.0157i	1.2518-1.2972i	0.5512+0.4223i	0.3796+0.2407i	-1.0681-0.1302i	-0.7116-2.3208i	-0.0286-0.0400i
31.7	0.9478-0.3889i	-0.8192+2.1873i	1.2590-1.3630i	0.6187+0.4761i	0.4645+0.2796i	-1.1385+0.0462i	-0.9755-2.0635i	-0.0688-0.0818i
31.8	0.9243-0.3899i	-0.6304+2.1837i	1.2447-1.4119i	0.6752+0.4808i	0.5360+0.2567i	-1.1509+0.1769i	-1.0021-1.8975i	-0.0903-0.0597i
31.9	0.8888-0.4037i	-0.3752+2.2275i	1.2124-1.5143i	0.7497+0.4924i	0.5733+0.2648i	-1.1524+0.3660i	-0.8810-1.6629i	-0.1028-0.0172i
32.0	0.8757-0.4336i	-0.2293+2.3849i	1.2071-1.5831i	0.8073+0.5335i	0.6328+0.2224i	-1.1510+0.5174i	-0.9900-1.5764i	-0.0947-0.0335i
32.1	0.8122-0.4231i	0.2447+2.3554i	1.1730-1.6733i	0.9495+0.5322i	0.7323+0.1406i	-1.1506+0.7401i	-1.0867-1.5745i	-0.1120-0.0309i
32.2	0.7713-0.3904i	0.5835+2.1759i	1.1403-1.7436i	1.0533+0.4867i	0.8035+0.0629i	-1.1423+0.9433i	-1.0699-1.3960i	-0.1573-0.0259i
32.3	0.7378-0.4113i	0.8751+2.2465i	1.0790-1.8848i	1.1542+0.5061i	0.7680+0.1082i	-1.0930+1.1888i	-1.1027-1.3390i	-0.1875+0.0133i
32.4	0.7154-0.3846i	1.1351+2.0947i	1.0152-1.9904i	1.2547+0.4720i	0.8205-0.0085i	-1.0038+1.4196i	-1.1770-1.2719i	-0.1866+0.0215i
32.5	0.7214-0.3048i	1.2558+1.6140i	0.9235-2.0567i	1.3191+0.3350i	0.7703-0.0971i	-0.8480+1.6268i	-1.2591-1.2868i	-0.1804+0.0478i
32.6	0.7332-0.2465i	1.3312+1.2664i	0.7677-2.1140i	1.3614+0.2290i	0.6416-0.3020i	-0.6373+1.8157i	-1.3958-1.2564i	-0.1320+0.0822i
32.7	0.7418-0.2114i	1.4042+0.9741i	0.6214-2.1863i	1.4046+0.1287i	0.7524-0.3703i	-0.4219+1.9664i	-1.4793-1.1367i	-0.1181+0.1292i
32.8	0.7632-0.1915i	1.4109+0.7380i	0.4570-2.2501i	1.4298+0.0429i	0.6784-0.3475i	-0.1847+2.0864i	-1.5362-0.9790i	-0.0993+0.1698i
32.9	0.8092-0.1646i	1.3125+0.5135i	0.2685-2.2415i	1.4254-0.0330i	0.6068-0.4223i	0.0968+2.1836i	-1.4581-0.7913i	-0.0893+0.1875i
33.0	0.8538-0.1505i	1.2218+0.3535i	0.1616-2.1809i	1.4284-0.0871i	0.5563-0.5150i	0.3187+2.2403i	-1.3503-0.5351i	-0.0825+0.1791i
33.1	0.8967-0.1406i	1.1416+0.1559i	0.0428-2.1145i	1.4397-0.1629i	0.4208-0.5228i	0.6237+2.2293i	-1.0771-0.5627i	-0.0508+0.2227i
33.2	0.9269-0.1269i	1.1000+0.0071i	-0.0436-2.0254i	1.4573-0.2204i	0.3999-0.5462i	0.8524+2.2244i	-0.9843-0.5197i	-0.0250+0.2214i
33.3	0.9640-0.1342i	1.0318-0.0911i	-0.0824-1.9803i	1.4633-0.2826i	0.3505-0.4693i	1.0576+2.1752i	-0.9732-0.5862i	0.0057+0.2169i
33.4	1.0161-0.1354i	0.9418-0.2130i	-0.0903-1.8924i	1.4709-0.3476i	0.3802-0.4290i	1.3179+2.0894i	-0.9240-0.7290i	0.0416+0.2161i
33.5	1.0762-0.1381i	0.7961-0.3855i	-0.1169-1.8639i	1.4504-0.4432i	0.3439-0.4080i	1.5868+1.9656i	-0.8559-0.8514i	0.0521+0.2283i
33.6	1.1185-0.1662i	0.6080-0.4426i	-0.1847-1.7815i	1.3895-0.4957i	0.3120-0.4327i	1.7445+1.7352i	-1.0327-0.8615i	0.1142+0.2213i
33.7	1.1438-0.1917i	0.4671-0.4873i	-0.2030-1.7087i	1.3321-0.5411i	0.2785-0.4442i	1.7880+1.4930i	-1.2037-0.7091i	0.1359+0.1872i
33.8	1.1914-0.2217i	0.2339-0.4671i	-0.1446-1.6847i	1.2495-0.5423i	0.2481-0.5429i	1.7784+1.2842i	-1.2179-0.5794i	0.1544+0.1686i
33.9	1.2465-0.2753i	0.0248-0.3678i	-0.0831-1.7478i	1.1881-0.5245i	0.2218-0.5223i	1.7788+1.0864i	-1.2431-0.5854i	0.1769+0.1387i
34.0	1.2794-0.3314i	-0.0701-0.2317i	-0.0628-1.8327i	1.1715-0.4898i	0.1690-0.4365i	1.7084+0.9234i	-1.4035-0.5563i	0.2006+0.0866i
34.1	1.3073-0.3722i	-0.1249-0.1341i	-0.0828-1.9279i	1.1784-0.4599i	0.1542-0.4833i	1.6267+0.9122i	-1.2992-0.4982i	0.1579+0.0805i
34.2	1.3168-0.4073i	-0.1149-0.1032i	-0.2170-2.0950i	1.2237-0.4629i	0.0987-0.5460i	1.5510+0.9585i	-1.1945-0.4647i	0.1373+0.1129i
34.3	1.3470-0.4483i	-0.0447-0.0729i	-0.3513-2.2280i	1.3185-0.4791i	0.1275-0.6363i	1.5907+1.0775i	-1.1943-0.4007i	0.1161+0.1104i
34.4	1.3476-0.4679i	0.0137-0.0417i	-0.5132-2.2449i	1.3693-0.4885i	0.0664-0.5497i	1.5505+1.1486i	-1.1455-0.3291i	0.1166+0.1029i
34.5	1.3725-0.5095i	-0.0167-0.0622i	-0.7521-2.2147i	1.3930-0.5546i	0.0232-0.5574i	1.6852+1.1886i	-1.0715-0.2484i	0.1249+0.1114i
34.6	1.4205-0.5424i	-0.0624-0.1097i	-0.9362-2.1662i	1.4229-0.6208i	0.0100-0.4866i	1.9056+1.2251i	-1.0752-0.3121i	0.1589+0.1430i
34.7	1.4653-0.5719i	-0.0993-0.1146i	-1.0729-2.0495i	1.4495-0.6605i	0.0152-0.4847i	2.0790+1.1842i	-1.0364-0.3644i	0.1772+0.1475i
34.8	1.4858-0.6114i	-0.1608-0.1529i	-1.2798-1.9151i	1.4356-0.7392i	-0.0976-0.4556i	2.2692+1.1193i	-1.0379-0.4194i	0.2280+0.1482i
34.9	1.5225-0.6627i	-0.2222-0.1675i	-1.4045-1.7895i	1.4422-0.8141i	-0.1673-0.4251i	2.4319+1.0275i	-0.9602-0.4100i	0.2343+0.1433i
35.0	1.5660-0.7071i	-0.2701-0.1927i	-1.4820-1.7116i	1.4609-0.8759i	-0.1209-0.3648i	2.5730+0.9607i	-0.9372-0.4456i	0.2403+0.1520i
35.1	1.5992-0.7723i	-0.3348-0.1997i	-1.5536-1.5468i	1.4489-0.9473i	-0.0095-0.3486i	2.7286+0.8180i	-1.0233-0.5265i	0.2793+0.1304i
35.2	1.6485-0.8486i	-0.4451-0.1596i	-1.6004-1.3518i	1.4207-1.0120i	-0.0172-0.3915i	2.9024+0.5794i	-1.1281-0.5957i	0.3423+0.1311i
35.3	1.6940-0.9228i	-0.5598-0.0895i	-1.6564-1.1923i	1.3891-1.0507i	-0.1076-0.3866i	3.0634+0.3083i	-1.2306-0.6092i	0.3983+0.1058i
35.4	1.7290-1.0168i	-0.6686+0.0058i	-1.6613-1.0265i	1.3499-1.0878i	-0.1346-0.3694i	3.1532+0.0261i	-1.3430-0.6041i	0.4173+0.0519i
35.5	1.7469-1.1313i	-0.7524+0.1278i	-1.6534-0.8703i	1.2974-1.1314i	-0.0507-0.3350i	3.1357-0.3152i	-1.5085-0.5835i	0.4660-0.0129i
35.6	1.7749-1.2279i	-0.8177+0.2416i	-1.6723-0.7423i	1.2720-1.1455i	-0.0107-0.2776i	3.1496-0.5830i	-1.6295-0.5237i	0.5013-0.0633i
35.7	1.7712-1.3700i	-0.8353+0.4572i	-1.5950-0.5545i	1.2518-1.1287i	-0.1465-0.3362i	3.0400-0.9999i	-1.6973-0.3796i	0.4954-0.1378i
35.8	1.7447-1.4930i	-0.7625+0.6788i	-1.4761-0.3876i	1.2732-1.0877i	-0.1976-0.3744i	2.7914-1.3354i	-1.7136-0.2274i	0.4463-0.2288i
35.9	1.6666-1.6546i	-0.5714+0.8862i	-1.3272-0.2714i	1.3340-1.1089i	-0.1765-0.3775i	2.3789-1.6102i	-1.6746-0.0316i	0.3538-0.3234i
36.0	1.6060-1.7407i	-0.4106+0.9205i	-1.1967-0.2960i	1.3963-1.1729i	-0.1663-0.5309i	2.0358-1.6424i	-1.5512+0.0300i	0.2472-0.3268i
36.1	1.5078-1.8207i	-0.1653+0.9087i	-1.0905-0.3046i	1.4802-1.2647i	-0.1924-0.5347i	1.5754-1.6049i	-1.4717+0.1005i	0.1675-0.3182i
36.2	1.4537-1.8561i	-0.0570+0.8504i	-1.0706-0.3150i	1.4947-1.3477i	-0.2551-0.4568i	1.3682-1.4936i	-1.4690+0.1283i	0.1320-0.2874i
36.3	1.3763-1.9273i	0.0671+0.7765i	-1.0298-0.3160i	1.4947-1.4814i	-0.2726-0.4017i	1.0915-1.3797i	-1.4338+0.1688i	0.0957-0.2635i
36.4	1.3511-1.9774i	0.1140+0.7113i	-1.0167-0.3055i	1.4962-1.5795i	-0.2633-0.3989i	0.9924-1.2665i	-1.4056+0.2086i	0.0828-0.2351i
36.5	1.3159-2.0117i	0.1107+0.6071i	-1.0328-0.2988i	1.4534-1.6793i	-0.3256-0.2377i	0.9890-1.0765i	-1.3874+0.1925i	0.0757-0.1618i
36.6	1.2811-2.0577i	0.1261+0.5321i	-1.0171-0.2523i	1.4211-1.7799i	-0.4477-0.1788i	0.8855-0.9712i	-1.4323+0.2272i	0.1127-0.1554i
36.7	1.2385-2.1239i	0.1101+0.4846i	-0.9785-0.2126i	1.3567-1.8766i	-0.4544-0.0038i	0.7776-0.8791i	-1.4175+0.2382i	0.1207-0.1483i
36.8	1.2490-2.2025i	0.0983+0.4508i	-0.9532-0.1923i	1.3565-1.9756i	-0.4592-0.0560i	0.7210-0.7439i	-1.4712+0.2645i	0.1318-0.1251i
36.9	1.2531-2.2838i	0.0689+0.4392i	-0.9264-0.2033i	1.3397-2.0613i	-0.4571+0.0165i	0.6740-0.6081i	-1.4427+0.3222i	0.1153-0.1012i
37.0	1.2030-2.3643i	0.0436+0.4347i	-0.8995-0.2065i	1.2608-2.1326i	-0.4455+0.0471i	0.6408-0.4528i	-1.4052+0.3539i	0.1293-0.1168i
37.1	1.1654-2.4524i	0.0232+0.4267i	-0.9024-0.1510i	1.2047-2.2124i	-0.3118-0.1133i	0.6455-0.3474i	-1.4378+0.4116i	0.1469-0.1507i

37.2	1.1356-2.6258i	0.0147+0.4499i	-0.8784-0.1320i	1.1677-2.3635i	-0.3187-0.0378i	0.6683-0.2696i	-1.4649+0.5183i	0.1500-0.1603i
37.3	1.0852-2.7823i	-0.0101+0.4605i	-0.8390-0.1330i	1.1008-2.4993i	-0.3832+0.0139i	0.6948-0.1449i	-1.4500+0.6511i	0.1563-0.1497i
37.4	0.9711-2.9544i	-0.0128+0.4905i	-0.8191-0.1205i	0.9798-2.6402i	-0.3962+0.1451i	0.6940-0.0427i	-1.4123+0.7032i	0.1562-0.1456i
37.5	0.8896-3.0842i	-0.0081+0.5110i	-0.7855-0.1015i	0.9069-2.7345i	-0.2463+0.2180i	0.6919+0.0915i	-1.4094+0.7865i	0.1524-0.1517i
37.6	0.7398-3.2275i	0.0103+0.5429i	-0.7734-0.1125i	0.7844-2.8377i	-0.1068+0.2587i	0.7763+0.2645i	-1.3610+0.8568i	0.1582-0.1382i
37.7	0.5654-3.3786i	0.0167+0.5958i	-0.7460-0.1239i	0.6271-2.9295i	0.0067+0.3139i	0.8371+0.4231i	-1.2189+0.9733i	0.1290-0.1461i
37.8	0.3198-3.5323i	0.0606+0.6456i	-0.7228-0.1370i	0.4321-3.0247i	0.0965+0.3157i	0.9576+0.5496i	-1.1302+1.0093i	0.1617-0.1548i
37.9	0.0340-3.5996i	0.1256+0.6780i	-0.7238-0.1910i	0.2354-3.0577i	0.0271+0.3090i	1.1744+0.6888i	-1.0094+0.9954i	0.1722-0.1399i
38.0	-0.2523-3.6295i	0.2075+0.7055i	-0.7790-0.2639i	0.0507-3.0723i	-0.0456+0.1852i	1.4216+0.8084i	-0.8861+0.9256i	0.1774-0.1249i
38.1	-0.5140-3.5849i	0.2769+0.6833i	-0.8596-0.3088i	-0.1340-3.0630i	-0.0551+0.1219i	1.6394+0.8481i	-0.8489+0.8695i	0.1729-0.1552i
38.2	-0.7886-3.4831i	0.3638+0.6429i	-0.9709-0.3074i	-0.3282-3.0162i	0.0063+0.1211i	1.8817+0.8271i	-0.8631+0.8380i	0.2095-0.1661i
38.3	-0.9409-3.3962i	0.4114+0.6229i	-1.0642-0.2776i	-0.4338-2.9733i	0.0778+0.0025i	2.0892+0.8139i	-0.8809+0.8672i	0.2087-0.1689i
38.4	-1.0964-3.3074i	0.4589+0.5621i	-1.1837-0.2106i	-0.5349-2.9368i	0.1596-0.0723i	2.3476+0.8107i	-0.9503+0.8950i	0.2405-0.1780i
38.5	-1.2696-3.2318i	0.5233+0.5167i	-1.2857-0.0852i	-0.6426-2.9215i	0.2047-0.0509i	2.6770+0.6469i	-0.9780+0.8841i	0.2947-0.1553i
38.6	-1.4468-3.1221i	0.5826+0.4560i	-1.3529+0.0512i	-0.7699-2.8838i	0.1347-0.1102i	2.9443+0.4318i	-0.9132+0.9194i	0.3233-0.1822i
38.7	-1.6125-3.0310i	0.6313+0.3882i	-1.4501+0.1863i	-0.8882-2.8633i	0.1360-0.1445i	3.2335+0.2352i	-0.8900+0.9778i	0.3627-0.2236i
38.8	-1.7565-2.8872i	0.6512+0.3021i	-1.4751+0.3540i	-1.0261-2.8146i	0.1082-0.2057i	3.4110-0.0896i	-0.8304+0.9977i	0.3794-0.2705i
38.9	-1.8651-2.7702i	0.6391+0.2370i	-1.3935+0.5224i	-1.1524-2.7764i	0.0169-0.2186i	3.3943-0.4371i	-0.7575+1.0602i	0.3376-0.3440i
39.0	-1.9739-2.6158i	0.6016+0.1640i	-1.2836+0.7681i	-1.3122-2.7146i	0.0212-0.2691i	3.3350-0.9320i	-0.6826+1.0917i	0.3357-0.3955i
39.1	-2.0262-2.5217i	0.5625+0.1075i	-1.1913+0.9395i	-1.4121-2.6908i	-0.0327-0.2617i	3.2593-1.2286i	-0.6284+1.1470i	0.3205-0.4578i
39.2	-2.1212-2.4350i	0.5385+0.0485i	-1.0729+1.0797i	-1.5563-2.6592i	-0.0536-0.2170i	3.1247-1.4631i	-0.5875+1.1592i	0.2876-0.5204i
39.3	-2.2109-2.2867i	0.5239+0.0005i	-0.9129+1.1704i	-1.6932-2.5523i	-0.0688-0.2125i	2.9156-1.6662i	-0.5694+1.1353i	0.2385-0.5591i
39.4	-2.2954-2.1980i	0.4750-0.0238i	-0.7408+1.2492i	-1.8424-2.4869i	-0.3229-0.2585i	2.7112-1.8286i	-0.5018+1.1692i	0.1668-0.5841i
39.5	-2.3825-2.0346i	0.4361-0.0495i	-0.5115+1.2458i	-1.9961-2.3226i	-0.2257-0.2199i	2.4301-1.8947i	-0.3632+1.1353i	0.1095-0.5789i
39.6	-2.4441-1.9176i	0.4111-0.0515i	-0.3977+1.1962i	-2.0872-2.1879i	-0.1646-0.2379i	2.3486-1.8155i	-0.3433+1.0944i	0.1154-0.5544i
39.7	-2.5259-1.7314i	0.4060-0.0576i	-0.3777+1.1551i	-2.1828-1.9955i	-0.2859-0.2214i	2.3957-1.9109i	-0.2700+1.0544i	0.0828-0.5213i
39.8	-2.5396-1.5523i	0.3982-0.0845i	-0.2690+1.1537i	-2.2232-1.8259i	-0.2847-0.0965i	2.1528-2.0338i	-0.1563+1.0389i	0.0200-0.5096i
39.9	-2.5451-1.4552i	0.3282-0.0865i	-0.0650+1.1226i	-2.2944-1.7137i	-0.2566-0.0487i	1.9040-1.9458i	-0.0855+0.9804i	-0.0684-0.4935i
40.0	-2.5543-1.3274i	0.2928-0.1118i	0.0696+1.1441i	-2.3340-1.5866i	-0.3086-0.0404i	1.7374-1.9499i	-0.0628+0.9503i	-0.0622-0.4912i
40.1	-2.5418-1.1771i	0.2901-0.1083i	0.1209+1.0770i	-2.3254-1.4083i	-0.3834-0.0833i	1.6731-1.8966i	-0.0339+0.8668i	-0.0432-0.4584i
40.2	-2.5360-1.0666i	0.2679-0.1182i	0.1756+1.0168i	-2.3350-1.2854i	-0.4375-0.0365i	1.6558-1.8204i	-0.0406+0.8280i	-0.0479-0.4472i
40.3	-2.5450-0.9609i	0.2447-0.1093i	0.2495+0.9327i	-2.3500-1.1605i	-0.5089+0.0872i	1.6724-1.7526i	-0.0216+0.7759i	-0.0702-0.4460i
40.4	-2.4917-0.8444i	0.2583-0.1132i	0.2314+0.9148i	-2.2733-1.0297i	-0.4971+0.2761i	1.6887-1.7648i	-0.0816+0.6949i	-0.0160-0.4160i
40.5	-2.5008-0.7517i	0.2503-0.0819i	0.3333+0.8616i	-2.2807-0.9145i	-0.3916+0.2707i	1.6447-1.7324i	-0.1373+0.6258i	0.0097-0.4004i
40.6	-2.5436-0.6442i	0.2736-0.0711i	0.3903+0.7190i	-2.3076-0.7866i	-0.4326+0.1800i	1.7391-1.6448i	-0.1737+0.6607i	0.0366-0.4423i
40.7	-2.4979-0.5466i	0.2957-0.1064i	0.3556+0.6806i	-2.2263-0.7061i	-0.4370+0.0924i	1.8564-1.6908i	-0.2195+0.6751i	0.0639-0.4803i
40.8	-2.4876-0.4200i	0.2979-0.1418i	0.3478+0.6566i	-2.1918-0.6068i	-0.4705+0.1024i	1.9336-1.8761i	-0.2479+0.6979i	0.0469-0.5077i
40.9	-2.4631-0.2668i	0.3021-0.1513i	0.3144+0.6131i	-2.1570-0.4584i	-0.4062+0.1140i	1.9337-2.0465i	-0.2357+0.6977i	0.0126-0.4940i
41.0	-2.4018-0.2156i	0.2918-0.1969i	0.3585+0.6868i	-2.0889-0.4534i	-0.3182+0.2306i	1.8920-2.1613i	-0.2967+0.7700i	0.0198-0.5523i
41.1	-2.3065-0.0893i	0.2443-0.2493i	0.4693+0.6901i	-2.0336-0.3733i	-0.3474+0.2894i	1.6913-2.3306i	-0.2246+0.8667i	-0.0906-0.6480i
41.2	-2.2540-0.0429i	0.2058-0.3032i	0.5551+0.7159i	-2.0028-0.3700i	-0.3443+0.2888i	1.5135-2.4419i	-0.2317+0.8534i	-0.0550-0.6804i
41.3	-2.1656+0.0365i	0.1208-0.2723i	0.6328+0.5782i	-1.9614-0.2621i	-0.2623+0.2191i	1.2951-2.3198i	-0.1899+0.8064i	-0.0384-0.6099i
41.4	-2.1539+0.0776i	0.1033-0.2542i	0.6294+0.5678i	-1.9372-0.2562i	-0.1877+0.4572i	1.3967-2.4426i	-0.2323+0.8872i	-0.0309-0.7335i
41.5	-2.0150+0.1662i	0.0788-0.2234i	0.7072+0.5716i	-1.8364-0.1845i	-0.1593+0.4851i	0.9844-2.4674i	-0.1581+1.0445i	-0.1346-0.8181i
41.6	-2.0201+0.1094i	0.1364-0.2108i	0.7920+0.4997i	-1.8258-0.2223i	-0.1203+0.3939i	1.0348-2.2624i	-0.1083+0.9888i	-0.1586-0.8021i
41.7	-2.0987+0.1590i	0.1805-0.2943i	0.8499+0.4368i	-1.8733-0.2094i	-0.1689+0.4392i	1.1489-2.4747i	-0.1502+0.9322i	-0.1211-0.8162i
41.8	-1.9630+0.2851i	0.1253-0.3232i	0.7748+0.3087i	-1.7701-0.1016i	-0.0376+0.5352i	0.8598-2.4979i	-0.0432+0.9417i	-0.2642-0.8062i
41.9	-1.8717+0.3100i	0.0518-0.3556i	0.8317+0.2638i	-1.7408-0.1208i	0.0319+0.4613i	0.6171-2.3647i	0.0215+1.0280i	-0.3733-0.8416i
42.0	-1.8178+0.2972i	0.0052-0.3246i	0.8229+0.1595i	-1.7218-0.0961i	-0.0183+0.3103i	0.6009-2.1066i	0.1447+0.9622i	-0.3896-0.7468i
42.1	-1.8317+0.3363i	0.0400-0.3095i	0.6955+0.0910i	-1.6776-0.0518i	-0.1546+0.3896i	0.8350-2.1542i	0.1121+0.8938i	-0.2989-0.7814i
42.2	-1.7694+0.3927i	0.0393-0.2976i	0.5582+0.0753i	-1.6304-0.0129i	-0.0219+0.4097i	0.8255-2.2262i	0.2061+0.8816i	-0.4291-0.7644i
42.3	-1.7409+0.3840i	0.0546-0.3530i	0.5608+0.1843i	-1.5975-0.0821i	0.0036+0.3867i	0.8467-2.2832i	0.2186+0.8402i	-0.4126-0.8115i
42.4	-1.7700+0.4194i	-0.0108-0.4203i	0.6559+0.2221i	-1.6829-0.1197i	-0.0563+0.5078i	0.7664-2.4705i	0.2002+0.8601i	-0.4961-0.9199i
42.5	-1.6611+0.4831i	-0.0789-0.3823i	0.6611+0.2270i	-1.6658-0.0320i	-0.0981+0.5823i	0.3607-2.5255i	0.2949+0.7573i	-0.5998-0.7435i
42.6	-1.6227+0.5330i	-0.1055-0.3089i	0.7082-0.0011i	-1.6732+0.1003i	-0.0431+0.4697i	0.2582-2.2073i	0.3344+0.7451i	-0.6837-0.7219i
42.7	-1.5934+0.5179i	-0.1091-0.3042i	0.7342-0.0621i	-1.6696+0.0982i	0.0872+0.2985i	0.2994-1.9520i	0.3274+0.7221i	-0.7067-0.7841i
42.8	-1.6172+0.5777i	-0.1001-0.3169i	0.7115-0.1635i	-1.7085+0.1622i	0.1770+0.3263i	0.4325-1.9562i	0.3989+0.7368i	-0.7942-0.7586i
42.9	-1.5782+0.6079i	-0.1432-0.3960i	0.7205-0.1334i	-1.6927+0.1377i	0.2239+0.4518i	0.3138-1.9784i	0.3084+0.7794i	-0.7770-0.8888i
43.0	-1.5303+0.6350i	-0.2441-0.3796i	0.7442-0.1765i	-1.7385+0.1800i	0.3043+0.4880i	0.1717-1.9172i	0.3906+0.7627i	-0.9465-0.8369i
43.1	-1.4694+0.6376i	-0.2871-0.2833i	0.6685-0.2088i	-1.7208+0.2746i	0.2861+0.2166i	0.1729-1.7949i	0.4518+0.6323i	-1.0496-0.6215i
43.2	-1.4102+0.6866i	-0.2453-0.2648i	0.5905-0.2497i	-1.6433+0.3755i	0.2468+0.2464i	0.0952-1.6618i	0.4511+0.5307i	-0.9691-0.4955i
43.3	-1.3230+0.6647i	-0.2237-0.3010i	0.4312-0.2463i	-1.4948+0.3725i	0.0800+0.2897i	0.2780-1.2830i	0.4059+0.4733i	-0.8613-0.5664i
43.4	-1.3298+0.6814i	-0.2427-0.2579i	0.2949-0.2034i	-1.4853+0.4237i	0.1076+0.3048i	0.7362-1.4698i	0.4939+0.3974i	-1.0241-0.5236i

43.5	−1.3502+0.7703i	−0.2804−0.2333i	0.2461−0.2194i	−1.5228+0.5179i	0.1767+0.2253i	0.9338−1.8252i	0.5486+0.3461i	−1.2241−0.4036i
43.6	−1.3552+0.7594i	−0.4091−0.2627i	0.4353−0.1817i	−1.6299+0.4735i	0.3685+0.2043i	0.7960−1.8708i	0.5453+0.3779i	−1.4908−0.3564i
43.7	−1.3358+0.8009i	−0.4269−0.2269i	0.5205−0.2715i	−1.6129+0.5537i	0.3488+0.1399i	0.6385−1.7408i	0.4289+0.3678i	−1.4071−0.2893i
43.8	−1.2681+0.8732i	−0.4353−0.1771i	0.3567−0.2657i	−1.5292+0.6637i	0.2480+0.0650i	0.8177−1.8388i	0.4207+0.3635i	−1.4522−0.1580i
43.9	−1.1430+0.9203i	−0.4015−0.0964i	0.2776−0.1445i	−1.3731+0.7655i	0.2456+0.0836i	0.7081−2.1059i	0.4044+0.2127i	−1.2604+0.1178i
44.0	−1.1434+0.9273i	−0.4448−0.0634i	0.4646−0.2319i	−1.4070+0.7791i	0.3116+0.1855i	0.5630−2.1590i	0.3781+0.2528i	−1.2450+0.1535i
44.1	−1.1276+0.9749i	−0.4873+0.0398i	0.3363−0.5087i	−1.4238+0.8903i	0.2900+0.0605i	0.8567−2.0159i	0.5273+0.3412i	−1.4325+0.2411i
44.2	−0.9790+0.9697i	−0.3709+0.0269i	−0.0023−0.2548i	−1.1879+0.8552i	0.2028+0.1387i	0.9727−2.3920i	0.5782+0.2077i	−1.4344+0.3127i
44.3	−0.8609+0.8776i	−0.3591−0.0101i	0.1961+0.0667i	−1.1005+0.7323i	0.3414+0.1321i	0.2877−2.6531i	0.4268+0.1579i	−1.2202+0.4953i
44.4	−0.8525+0.8015i	−0.3666+0.0416i	0.4609+0.0493i	−1.1085+0.7302i	0.2345−0.0344i	−0.1547−2.3923i	0.3091+0.0968i	−0.8705+0.5987i
44.5	−0.9003+0.8184i	−0.3817+0.1355i	0.5589−0.2014i	−1.1448+0.8077i	0.2510+0.0419i	−0.0762−2.1631i	0.3018+0.0958i	−0.8133+0.5376i
44.6	−0.8518+0.7737i	−0.2999+0.1295i	0.4659−0.1952i	−1.0575+0.7540i	0.3917+0.1626i	−0.0850−1.8993i	0.2938+0.1550i	−0.8623+0.4747i
44.7	−0.8870+0.7453i	−0.2459+0.1063i	0.4856−0.2792i	−1.0514+0.7558i	0.3139−0.0131i	0.1631−1.6345i	0.3242+0.1512i	−0.7688+0.4900i
44.8	−0.9959+0.7752i	−0.3112−0.0002i	0.5365−0.3958i	−1.1621+0.7054i	0.3235+0.0370i	0.5698−1.6401i	0.3078+0.1981i	−0.9738+0.3125i
44.9	−0.9409+0.8439i	−0.3347+0.0084i	0.3603−0.3608i	−1.1023+0.7596i	0.3871−0.0021i	0.6776−2.0289i	0.3072+0.1381i	−1.0348+0.3949i
45.0	−0.8895+0.8195i	−0.3174+0.0035i	0.3770−0.1510i	−1.0567+0.7113i	0.4293+0.0701i	0.4591−2.4372i	0.2426+0.0652i	−0.9797+0.5298i
45.1	−0.8275+0.8236i	−0.3224+0.0165i	0.4444−0.1077i	−1.0132+0.7333i	0.2822−0.0328i	−0.0143−2.5494i	0.1677+0.0261i	−0.8574+0.6175i
45.2	−0.7588+0.7780i	−0.3012+0.0169i	0.4182−0.1258i	−0.9208+0.7017i	0.2839−0.1033i	−0.2958−2.1831i	0.0988+0.0348i	−0.7640+0.5262i
45.3	−0.6888+0.7930i	−0.3007+0.0887i	0.3233−0.2213i	−0.8549+0.7756i	0.2677−0.0884i	−0.4225−2.0109i	0.1426+0.0493i	−0.6340+0.6556i
45.4	−0.7118+0.7615i	−0.3313+0.1090i	0.3804−0.2618i	−0.9026+0.7688i	0.3294+0.0051i	−0.2346−1.7296i	0.1913+0.1225i	−0.6347+0.7135i
45.5	−0.8111+0.7604i	−0.3310+0.1077i	0.4655−0.3617i	−0.9767+0.7678i	0.1911−0.0859i	0.1972−1.6605i	0.2206+0.1161i	−0.6275+0.6397i
45.6	−0.8076+0.8284i	−0.3311+0.1057i	0.3611−0.4244i	−0.9567+0.8076i	0.1967−0.0519i	0.3065−1.9702i	0.1904+0.0611i	−0.6818+0.5968i
45.7	−0.7354+0.8067i	−0.3035+0.0985i	0.3039−0.3076i	−0.8730+0.7598i	0.2521−0.0515i	0.0759−2.0275i	0.1263+0.0636i	−0.6377+0.5927i
45.8	−0.6813+0.8529i	−0.3044+0.1316i	0.2301−0.3353i	−0.8351+0.8368i	0.2700−0.1473i	−0.0249−2.2235i	0.1428+0.0482i	−0.5782+0.7001i
45.9	−0.6248+0.8584i	−0.3062+0.1636i	0.2087−0.2951i	−0.7909+0.8588i	0.2971−0.1096i	−0.2287−2.3705i	0.1195+0.0393i	−0.5208+0.7577i
46.0	−0.6286+0.8555i	−0.2909+0.1598i	0.2740−0.3438i	−0.7988+0.8558i	0.3611−0.0167i	−0.4247−2.2668i	0.0700+0.0977i	−0.4684+0.7643i
46.1	−0.6147+0.8420i	−0.2781+0.1199i	0.2670−0.3656i	−0.7777+0.8305i	0.3427−0.0813i	−0.4658−1.9306i	0.0546+0.1193i	−0.4219+0.6770i
46.2	−0.6048+0.7958i	−0.2904+0.1170i	0.2439−0.2954i	−0.7635+0.7863i	0.1814−0.0313i	−0.3457−1.7572i	0.0940+0.1063i	−0.4075+0.6174i
46.3	−0.6038+0.7772i	−0.2941+0.1463i	0.2286−0.2600i	−0.7525+0.7920i	0.1329−0.0799i	−0.2351−1.8877i	0.1081+0.0647i	−0.3743+0.6237i
46.4	−0.6112+0.8266i	−0.2998+0.2047i	0.2545−0.3157i	−0.7734+0.8812i	0.2082−0.0286i	−0.2621−2.1540i	0.0931+0.0533i	−0.3496+0.7179i
46.5	−0.5915+0.8688i	−0.2848+0.2242i	0.2224−0.3574i	−0.7463+0.9282i	0.2015−0.0717i	−0.3993−2.1916i	0.0671+0.1020i	−0.3142+0.7454i
46.6	−0.5382+0.8440i	−0.2528+0.2289i	0.1471−0.2599i	−0.6819+0.9146i	0.1038−0.2641i	−0.4983−2.1634i	0.0912+0.0825i	−0.2397+0.7310i
46.7	−0.5608+0.8467i	−0.2456+0.2336i	0.2885−0.2519i	−0.7050+0.9303i	0.0922−0.3576i	−0.7004−2.2010i	0.0738+0.0955i	−0.1932+0.7390i
46.8	−0.5564+0.8638i	−0.2237+0.2226i	0.3368−0.3516i	−0.6701+0.9452i	−0.0272−0.2854i	−0.8676−1.9985i	0.0388+0.1216i	−0.1602+0.6998i
46.9	−0.5209+0.8640i	−0.2054+0.2196i	0.2968−0.3955i	−0.6205+0.9474i	0.0875−0.1214i	−0.9070−1.8732i	0.0574+0.1329i	−0.1096+0.6700i
47.0	−0.5228+0.8876i	−0.2102+0.2140i	0.3491−0.4780i	−0.6270+0.9587i	0.1573−0.1430i	−0.9589−1.8026i	0.0487+0.1712i	−0.1056+0.6711i
47.1	−0.5123+0.8823i	−0.1992+0.2029i	0.2934−0.5606i	−0.5828+0.9492i	0.0368−0.2669i	−0.9270−1.5687i	0.0248+0.1972i	−0.1161+0.6168i
47.2	−0.4473+0.8605i	−0.1772+0.2061i	0.0909−0.5085i	−0.5111+0.9357i	−0.0451−0.2586i	−0.8375−1.4480i	0.0733+0.1688i	−0.0867+0.5849i
47.3	−0.4053+0.8379i	−0.1630+0.2033i	−0.0210−0.4391i	−0.4778+0.9197i	0.0052−0.2016i	−0.7937−1.4134i	0.1386+0.1572i	−0.0341+0.5853i
47.4	−0.4118+0.8323i	−0.1750+0.1878i	0.0086−0.3596i	−0.4944+0.8971i	0.1010−0.0701i	−0.7695−1.5291i	0.1392+0.1778i	−0.0161+0.6086i
47.5	−0.4335+0.8160i	−0.1650+0.1793i	0.1357−0.3721i	−0.4848+0.8830i	0.0661−0.1072i	−0.9500−1.3689i	0.1294+0.1649i	0.0362+0.5498i
47.6	−0.4215+0.7986i	−0.1729+0.1676i	0.0076−0.4080i	−0.4723+0.8514i	−0.1013−0.2144i	−0.6950−1.1309i	0.1467+0.1674i	0.0037+0.4625i
47.7	−0.4505+0.7971i	−0.1624+0.1662i	0.0285−0.3551i	−0.4963+0.8450i	−0.1386−0.1463i	−0.6068−1.1947i	0.1202+0.1374i	−0.0088+0.4286i
47.8	−0.4401+0.8205i	−0.1769+0.1496i	−0.0370−0.3681i	−0.4939+0.8568i	−0.0578−0.1057i	−0.5092−1.1924i	0.1177+0.1463i	−0.0539+0.4192i
47.9	−0.4239+0.8250i	−0.1966+0.1510i	−0.0978−0.2398i	−0.4907+0.8763i	−0.0509+0.0035i	−0.4571−1.2825i	0.1232+0.1654i	−0.0844+0.4720i
48.0	−0.4183+0.7694i	−0.1898+0.1629i	−0.0119−0.0470i	−0.4777+0.8489i	0.0024+0.0157i	−0.5244−1.4089i	0.1172+0.1232i	−0.0503+0.4744i
48.1	−0.4149+0.7783i	−0.1807+0.1756i	0.1038−0.0400i	−0.4661+0.8773i	0.0484−0.1659i	−0.7028−1.4674i	0.1108+0.0911i	0.0093+0.4705i
48.2	−0.4300+0.8298i	−0.1635+0.1615i	0.1839−0.1288i	−0.4717+0.9155i	0.0992−0.1342i	−0.8185−1.4451i	0.1153+0.1074i	0.0316+0.4612i
48.3	−0.4253+0.8595i	−0.1690+0.1551i	0.2810−0.1455i	−0.4691+0.9443i	0.0173−0.0894i	−0.9254−1.3874i	0.1260+0.1254i	0.0518+0.4433i
48.4	−0.3965+0.8705i	−0.1632+0.1395i	0.2550−0.3127i	−0.4273+0.9440i	−0.1031−0.2198i	−0.8824−1.0054i	0.1607+0.1486i	0.0712+0.3647i
48.5	−0.3684+0.8751i	−0.1785+0.1265i	0.1587−0.3129i	−0.4052+0.9490i	−0.1396−0.2712i	−0.7670−0.9432i	0.2103+0.0827i	0.0546+0.3211i
48.6	−0.3525+0.8678i	−0.1953+0.1159i	0.1771−0.3682i	−0.3809+0.9313i	−0.0215−0.3257i	−0.7068−0.7857i	0.1711+0.0271i	0.0300+0.2632i
48.7	−0.3357+0.8833i	−0.2452+0.1283i	0.0555−0.4033i	−0.3907+0.9320i	0.0619−0.1003i	−0.3067−0.7579i	0.1606+0.0228i	−0.0629+0.2649i
48.8	−0.3581+0.8627i	−0.2468+0.1739i	0.0190−0.1980i	−0.4166+0.9522i	0.0074−0.0088i	−0.1099−1.1697i	0.1411−0.0520i	−0.1062+0.3448i
48.9	−0.3776+0.8635i	−0.2071+0.1800i	0.1208−0.1373i	−0.3917+0.9765i	0.0712−0.0455i	−0.3190−1.3036i	0.1009−0.0537i	−0.0796+0.3655i
49.0	−0.3432+0.8571i	−0.2130+0.1366i	0.1279−0.1652i	−0.3342+0.9580i	−0.1154−0.2300i	−0.3592−1.2045i	0.0277−0.0535i	−0.0924+0.3230i
49.1	−0.3458+0.8627i	−0.2330+0.1459i	0.1493−0.1561i	−0.3320+0.9575i	−0.0294−0.2872i	−0.3811−1.2423i	0.0142−0.0330i	−0.0824+0.3310i
49.2	−0.3301+0.8775i	−0.2479+0.1506i	0.1887−0.1523i	−0.3044+0.9613i	−0.0815−0.1480i	−0.4791−1.2065i	−0.0175−0.0292i	−0.0563+0.3059i
49.3	−0.3041+0.8716i	−0.2603+0.1806i	0.2054−0.1807i	−0.2976+0.9543i	−0.2110−0.0462i	−0.5622−1.2221i	−0.0385−0.0408i	−0.0442+0.3015i
49.4	−0.2853+0.8657i	−0.2574+0.2035i	0.1873−0.1893i	−0.2805+0.9672i	−0.1621−0.0441i	−0.5449−1.2492i	−0.0439−0.0080i	−0.0481+0.3053i
49.5	−0.3055+0.8404i	−0.2502+0.2010i	0.2631−0.1247i	−0.2767+0.9657i	−0.0364−0.0681i	−0.6034−1.2786i	−0.0411+0.0101i	−0.0748+0.3130i
49.6	−0.3251+0.8785i	−0.2307+0.2158i	0.3946−0.3018i	−0.2715+0.9917i	−0.0702−0.0277i	−0.8213−1.1383i	−0.0908+0.0303i	−0.0505+0.2660i
49.7	−0.2649+0.9024i	−0.2015+0.2034i	0.2713−0.4876i	−0.2048+0.9954i	−0.1801−0.0222i	−0.8679−0.8222i	−0.1367+0.0584i	−0.0631+0.2139i

49.8	-0.2131+0.8932i	-0.2091+0.1916i	0.1194-0.4948i	-0.1747+0.9834i	-0.0962-0.1488i	-0.7040-0.7458i	-0.1352+0.1187i	-0.1219+0.2338i
49.9	-0.2324+0.8463i	-0.2273+0.2058i	0.0849-0.3103i	-0.1734+0.9597i	-0.0248-0.0647i	-0.5304-0.9763i	-0.0765+0.1507i	-0.1595+0.3116i
50.0	-0.2602+0.8670i	-0.2477+0.1493i	0.1497-0.2812i	-0.1845+0.9491i	-0.0957-0.1485i	-0.5350-0.8820i	-0.0474+0.1628i	-0.1333+0.2850i
50.1	-0.2667+0.8651i	-0.2778+0.1388i	0.1373-0.2858i	-0.1853+0.9373i	-0.1497-0.1743i	-0.4625-0.7992i	-0.0603+0.1249i	-0.1583+0.2569i
50.2	-0.2911+0.8570i	-0.2831+0.1605i	0.1924-0.2595i	-0.1921+0.9407i	-0.2445-0.0973i	-0.4938-0.7670i	-0.0544+0.0952i	-0.1482+0.2777i
50.3	-0.2996+0.8782i	-0.2842+0.2142i	0.2036-0.3268i	-0.1967+0.9628i	-0.1300-0.0547i	-0.3717-0.8297i	-0.0620+0.1122i	-0.1593+0.3154i
50.4	-0.2723+0.8978i	-0.3083+0.1968i	0.1477-0.3747i	-0.1767+0.9677i	0.0269-0.0328i	-0.3544-0.8577i	-0.0567+0.1435i	-0.1949+0.3341i
50.5	-0.2436+0.9054i	-0.2954+0.2226i	0.0678-0.3136i	-0.1440+0.9787i	-0.1392-0.0555i	-0.3393-0.9557i	-0.0225+0.1309i	-0.1952+0.3424i
50.6	-0.2560+0.9089i	-0.2931+0.2805i	0.1123-0.2444i	-0.1423+0.9861i	-0.1525-0.0029i	-0.4087-1.1162i	-0.0262+0.1200i	-0.1537+0.3820i
50.7	-0.2463+0.9115i	-0.2785+0.3283i	0.1452-0.2392i	-0.1363+1.0126i	-0.0885-0.0472i	-0.5642-1.0376i	0.0062+0.1286i	-0.1200+0.3679i
50.8	-0.2455+0.9430i	-0.2527+0.2598i	0.2675-0.3894i	-0.1300+1.0110i	-0.0144-0.1615i	-0.7344-0.7978i	0.0015+0.1260i	-0.0536+0.3322i
50.9	-0.2417+1.0001i	-0.3404+0.2499i	0.2265-0.5258i	-0.1504+1.0580i	-0.1449-0.1304i	-0.5229-0.6568i	-0.0335+0.1643i	-0.1495+0.3035i
51.0	-0.2015+0.9968i	-0.3767+0.2553i	0.1506-0.4641i	-0.1126+1.0544i	-0.3280-0.0889i	-0.4970-0.7406i	-0.0558+0.1685i	-0.1600+0.3461i
51.1	-0.1951+0.9826i	-0.3601+0.3072i	0.0679-0.5040i	-0.1139+1.0745i	-0.1519-0.1399i	-0.3131-0.6395i	-0.0629+0.1803i	-0.1874+0.3417i
51.2	-0.1988+1.0067i	-0.3076+0.3743i	-0.0150-0.4421i	-0.0645+1.1141i	-0.0854-0.0195i	-0.1346-0.9713i	-0.0383+0.1712i	-0.1938+0.4673i
51.3	-0.1843+0.9870i	-0.2930+0.3178i	0.1567-0.3759i	-0.0127+1.0682i	-0.0895+0.0257i	-0.6863-0.8823i	-0.0170+0.1214i	-0.0619+0.4074i
51.4	-0.1570+1.0342i	-0.3193+0.3443i	0.2348-0.5864i	0.0079+1.0792i	-0.0957-0.0863i	-0.6984-0.3440i	-0.0460+0.1581i	-0.0669+0.2798i
51.5	-0.1325+1.0698i	-0.3782+0.3555i	0.1527-0.7614i	0.0128+1.1008i	-0.1050-0.0868i	-0.3741-0.0654i	-0.0419+0.1955i	-0.1593+0.2665i
51.6	-0.1019+1.0835i	-0.4083+0.3176i	-0.0464-0.7975i	0.0355+1.0892i	-0.1210-0.0742i	0.0010-0.1136i	-0.0148+0.2422i	-0.2572+0.3283i
51.7	-0.0867+1.0642i	-0.4399+0.4545i	-0.0911-0.7258i	0.0489+1.0929i	-0.2712-0.0080i	0.0778-0.3337i	-0.0284+0.2380i	-0.2274+0.3941i
51.8	-0.0981+1.0608i	-0.4488+0.5845i	-0.0961-0.6691i	0.0543+1.1356i	-0.2712-0.0355i	0.0045-0.4620i	-0.0354+0.2073i	-0.1820+0.4484i
51.9	-0.1005+1.0348i	-0.3043+0.5998i	-0.1087-0.6961i	0.1149+1.1406i	-0.1261-0.1175i	-0.0546-0.2675i	-0.0343+0.1871i	-0.1530+0.4059i
52.0	-0.1064+1.0528i	-0.2538+0.4865i	-0.2402-0.7131i	0.1363+1.1105i	-0.0925-0.1233i	0.1622-0.2473i	-0.0063+0.1745i	-0.1625+0.4023i
52.1	-0.0923+1.0800i	-0.2930+0.4241i	-0.3491-0.6931i	0.1377+1.0872i	-0.1527-0.1486i	0.2683-0.4528i	0.0948+0.1714i	-0.1539+0.4349i
52.2	-0.0770+1.1258i	-0.2875+0.4351i	-0.4394-0.6742i	0.1670+1.0990i	-0.0822-0.1886i	0.3326-0.6315i	0.1261+0.1677i	-0.1636+0.4530i
52.3	-0.0510+1.1239i	-0.3397+0.3957i	-0.4974-0.5954i	0.1847+1.0773i	-0.2145-0.2885i	0.2269-0.7089i	0.1559+0.1123i	-0.1071+0.4447i
52.4	-0.0106+1.1376i	-0.3250+0.4827i	-0.4957-0.5751i	0.2196+1.0762i	-0.3363-0.1296i	0.1883-0.6381i	0.1377+0.0982i	-0.0732+0.4143i
52.5	-0.0073+1.1584i	-0.4214+0.5001i	-0.6415-0.5339i	0.2203+1.0623i	-0.4934-0.0606i	0.5035-0.4567i	0.0674+0.0729i	-0.1451+0.3433i
52.6	-0.0058+1.1545i	-0.4865+0.6992i	-0.6865-0.3699i	0.2159+1.0930i	-0.5367+0.0272i	0.6381-0.7138i	0.0071+0.0547i	-0.1475+0.3995i
52.7	0.0272+1.1550i	-0.3825+0.7878i	-0.5568-0.2788i	0.2351+1.1102i	-0.4997+0.0228i	0.3145-0.8411i	0.0355+0.0118i	-0.1070+0.4101i
52.8	0.0934+1.2014i	-0.1204+0.8495i	-0.5376-0.4030i	0.2972+1.1237i	-0.0477+0.0749i	0.2636-0.7224i	0.0580+0.0563i	-0.1187+0.3837i
52.9	0.1031+1.2046i	0.0637+0.7451i	-0.5758-0.4880i	0.3843+1.1114i	-0.0755+0.2756i	0.4567-0.3327i	-0.0541+0.0197i	-0.1641+0.3193i
53.0	0.1136+1.2106i	-0.0291+0.5782i	-0.8731-0.5019i	0.3954+1.0696i	-0.2991+0.0444i	1.2312-0.3196i	-0.0477+0.1257i	-0.3352+0.3910i
53.1	0.1042+1.2062i	-0.0746+0.6701i	-0.9441-0.3505i	0.3921+1.0792i	-0.1241+0.1738i	1.3618-0.6328i	-0.0379+0.1132i	-0.3138+0.4770i
53.2	0.1052+1.2235i	-0.0374+0.7226i	-1.0557-0.1184i	0.4388+1.1051i	-0.1918+0.0874i	1.4890-0.9001i	-0.0764+0.0106i	-0.3168+0.5307i
53.3	0.1660+1.2605i	-0.0686+0.5887i	-0.9458+0.1566i	0.4612+1.0343i	-0.3474+0.1011i	1.3034-1.4956i	-0.0801+0.0127i	-0.2572+0.6285i
53.4	0.2397+1.2562i	-0.2533+0.7252i	-0.7825+0.2297i	0.4139+1.0481i	-0.4904+0.3557i	0.9187-1.6690i	-0.0596+0.0224i	-0.1837+0.6363i
53.5	0.2572+1.1966i	0.0186+1.0045i	-0.6360+0.1232i	0.4669+1.0961i	-0.2313+0.4826i	0.5860-1.3253i	-0.0694+0.0264i	-0.1376+0.5541i
53.6	0.2216+1.1936i	0.4046+0.6942i	-0.7607+0.0280i	0.5653+1.0181i	-0.0818+0.1112i	0.8995-1.0566i	-0.0670-0.0101i	-0.1838+0.5112i
53.7	0.2388+1.2546i	0.2075+0.3940i	-0.8648+0.2702i	0.5276+0.9423i	-0.1078-0.0464i	1.1557-1.5256i	-0.0519+0.0293i	-0.2100+0.5838i
53.8	0.2675+1.3038i	0.0992+0.3861i	-0.7838+0.3292i	0.5185+0.9567i	-0.0580+0.0706i	1.2377-1.6875i	-0.0839+0.0525i	-0.2329+0.5893i
53.9	0.3132+1.3812i	-0.1328+0.2995i	-0.8182+0.4416i	0.5138+0.9601i	-0.3425+0.0902i	1.4787-2.0387i	-0.1737+0.0100i	-0.3325+0.6344i
54.0	0.4229+1.3590i	-0.3230+0.6515i	-0.8413+0.5313i	0.5346+0.9957i	-0.5037+0.2772i	1.4278-2.3586i	-0.2865+0.0629i	-0.3853+0.7564i
54.1	0.4685+1.3195i	-0.1649+1.0146i	-0.8226+0.7652i	0.5810+1.0629i	-0.4399+0.3117i	1.1507-2.6624i	-0.2825+0.0559i	-0.2699+0.9021i
54.2	0.4982+1.2944i	0.0656+0.8840i	-0.6642+0.7300i	0.6672+1.0005i	-0.3618+0.3858i	1.0312-2.5485i	-0.3271+0.1067i	-0.1741+0.8556i
54.3	0.5341+1.2820i	0.0016+0.8672i	-0.6930+0.8404i	0.6786+0.9569i	-0.3080+0.4952i	1.1250-2.8565i	-0.3324+0.1671i	-0.1938+0.9198i
54.4	0.5685+1.2442i	-0.0056+0.9813i	-0.5076+1.0258i	0.6545+0.9525i	-0.2492+0.4619i	0.5566-3.1502i	-0.2854+0.1487i	-0.0901+0.9735i
54.5	0.6397+1.2150i	0.2704+1.0590i	-0.2140+1.1037i	0.7237+0.9322i	-0.1503+0.7268i	-0.0408-3.2924i	-0.2915+0.2581i	0.0556+1.0167i
54.6	0.6763+1.1754i	0.3877+1.0279i	-0.0411+1.0037i	0.7420+0.9245i	-0.0501+0.7116i	-0.4532-3.0271i	-0.2640+0.2381i	0.1656+0.9448i
54.7	0.6881+1.1568i	0.4304+0.8832i	0.0187+0.8303i	0.7488+0.8997i	-0.0494+0.5781i	-0.5198-2.6199i	-0.2513+0.2196i	0.1888+0.8782i
54.8	0.6728+1.1398i	0.2644+0.8892i	-0.0816+0.7568i	0.7101+0.8899i	-0.2340+0.6123i	-0.2245-2.5121i	-0.2557+0.2435i	0.1120+0.8973i
54.9	0.7164+1.1587i	0.3744+0.9709i	-0.0595+0.8840i	0.7552+0.9013i	-0.0304+0.8445i	-0.2873-2.8749i	-0.2444+0.3170i	0.1514+0.9558i
55.0	0.7613+1.1275i	0.5340+0.9268i	0.0849+0.8769i	0.7925+0.8660i	0.1539+0.7631i	-0.5950-2.8647i	-0.2138+0.3318i	0.2290+0.9291i
55.1	0.7778+1.0915i	0.6250+0.8617i	0.1907+0.8464i	0.8262+0.8430i	0.2500+0.7432i	-0.7845-2.7695i	-0.2121+0.3604i	0.2741+0.9301i
55.2	0.7989+1.0502i	0.6871+0.8195i	0.2539+0.8005i	0.8571+0.8253i	0.2907+0.6770i	-0.8623-2.6628i	-0.2124+0.3683i	0.2926+0.9208i
55.3	0.7931+0.9949i	0.7329+0.8028i	0.3141+0.7661i	0.8803+0.7942i	0.3404+0.5814i	-0.9707-2.5096i	-0.2370+0.3227i	0.3326+0.8733i
55.4	0.7927+0.9624i	0.7963+0.6638i	0.3602+0.7022i	0.9054+0.7329i	0.4378+0.4562i	-1.0240-2.3625i	-0.2250+0.3314i	0.3786+0.7923i
55.5	0.7746+0.9750i	0.8103+0.6833i	0.3338+0.6859i	0.9186+0.7344i	0.3126+0.5305i	-0.8519-2.2825i	-0.2541+0.3314i	0.2944+0.8038i
55.6	0.7933+0.9780i	0.8333+0.7284i	0.3159+0.6994i	0.8879+0.7398i	0.3074+0.3568i	-0.9143-2.4313i	-0.1835+0.3904i	0.3227+0.8770i
55.7	0.8260+0.9706i	0.9242+0.5939i	0.3931+0.6711i	0.9255+0.7017i	0.4439+0.3238i	-1.1074-2.4029i	-0.1502+0.4507i	0.3937+0.8867i
55.8	0.8530+0.9287i	0.9665+0.5062i	0.4375+0.6592i	0.9677+0.6667i	0.3526+0.3078i	-1.1775-2.3169i	-0.1572+0.4019i	0.4307+0.8670i
55.9	0.8624+0.9098i	0.8817+0.3486i	0.4518+0.5900i	0.9183+0.6089i	0.3622+0.3418i	-1.3011-2.2206i	-0.0602+0.3871i	0.4451+0.7919i
56.0	0.8543+0.8890i	0.7788+0.2229i	0.4697+0.4957i	0.9046+0.5609i	0.2687+0.2209i	-1.2877-2.0317i	-0.0810+0.4567i	0.4345+0.7144i

56.1	0.8494+0.9138i	0.7536+0.2675i	0.4368+0.4788i	0.9052+0.5453i	0.4090+0.3491i	-1.1115-2.1507i	-0.1928+0.5661i	0.4292+0.8284i
56.2	0.8864+0.8944i	0.8771+0.2816i	0.4647+0.5220i	0.9520+0.5315i	0.3507+0.2984i	-1.1762-2.2661i	-0.1604+0.6575i	0.4236+0.9158i
56.3	0.8756+0.8481i	0.9431+0.1913i	0.5271+0.4784i	0.9785+0.4870i	0.4258+0.3213i	-1.2399-2.1670i	-0.1721+0.6923i	0.4616+0.8705i
56.4	0.9049+0.7999i	0.8692+0.1811i	0.5335+0.4913i	0.9613+0.4767i	0.3190+0.1458i	-1.3184-2.0978i	-0.1573+0.5948i	0.4825+0.7977i
56.5	0.9475+0.7686i	0.7526+0.1479i	0.5104+0.4683i	0.9397+0.4724i	0.3401+0.0737i	-1.4239-1.9815i	-0.0227+0.5129i	0.5780+0.7465i
56.6	0.9463+0.7300i	0.7906+0.1481i	0.5422+0.4569i	0.9632+0.4526i	0.4191+0.0774i	-1.4161-1.9193i	-0.0752+0.5563i	0.5747+0.7620i
56.7	0.9584+0.7094i	0.7383+0.0780i	0.5376+0.4076i	0.9517+0.4102i	0.3696+0.0085i	-1.4114-1.8744i	0.0285+0.4931i	0.6099+0.7366i
56.8	0.9630+0.6678i	0.6791+0.0704i	0.5249+0.3854i	0.9369+0.3898i	0.2791+0.0157i	-1.4445-1.7877i	0.1066+0.4465i	0.6669+0.6961i
56.9	0.9275+0.6497i	0.6925+0.0234i	0.5544+0.3693i	0.9293+0.3602i	0.3812+0.0709i	-1.4522-1.7527i	0.0545+0.4755i	0.6684+0.6566i
57.0	0.9116+0.6240i	0.6970-0.0168i	0.5646+0.3386i	0.9328+0.3223i	0.3644+0.1099i	-1.4517-1.6466i	0.0995+0.5079i	0.6673+0.6101i
57.1	0.8713+0.5990i	0.6622+0.0239i	0.5593+0.2986i	0.9216+0.3151i	0.2629+0.2190i	-1.4053-1.5416i	0.0324+0.5325i	0.6186+0.5878i
57.2	0.8455+0.6213i	0.6979+0.0611i	0.5296+0.2878i	0.9093+0.2967i	0.2991+0.1521i	-1.2889-1.5897i	0.0468+0.5825i	0.6103+0.6426i
57.3	0.8557+0.6152i	0.7467+0.0051i	0.5260+0.2992i	0.9144+0.2784i	0.3258+0.1362i	-1.3086-1.6046i	0.0879+0.5644i	0.6397+0.6443i
57.4	0.8077+0.5873i	0.8158-0.0133i	0.6158+0.3086i	0.9249+0.2522i	0.3853+0.1359i	-1.3143-1.5917i	-0.0900+0.5799i	0.5931+0.6054i
57.5	0.8234+0.5924i	0.8212-0.0524i	0.6346+0.2911i	0.9277+0.2448i	0.4873+0.1525i	-1.3616-1.5511i	-0.0323+0.6102i	0.6178+0.6387i
57.6	0.8365+0.5965i	0.7936-0.1023i	0.6464+0.2740i	0.9242+0.2236i	0.3154+0.1919i	-1.3602-1.5763i	0.0015+0.5400i	0.6223+0.5941i
57.7	0.8369+0.6247i	0.7290-0.1964i	0.6388+0.2753i	0.8811+0.1951i	0.3869+0.4782i	-1.3661-1.6053i	0.0702+0.5898i	0.6260+0.5899i
57.8	0.8388+0.6339i	0.7467-0.2354i	0.6365+0.2268i	0.8743+0.1853i	0.4615+0.2996i	-1.4111-1.4949i	0.1624+0.7695i	0.6918+0.6582i
57.9	0.8301+0.6381i	0.7392-0.2605i	0.6607+0.1979i	0.8680+0.1650i	0.4205+0.0500i	-1.3830-1.4713i	0.1757+0.7002i	0.7072+0.6234i
58.0	0.8333+0.6222i	0.7206-0.2605i	0.6646+0.1935i	0.8718+0.1522i	0.5120+0.0369i	-1.3681-1.4169i	0.1208+0.6274i	0.7418+0.6050i
58.1	0.8766+0.6413i	0.6556-0.3824i	0.6115+0.1459i	0.8622+0.1297i	0.5884-0.0022i	-1.3036-1.3959i	0.2806+0.6960i	0.7837+0.6253i
58.2	0.9004+0.6366i	0.5737-0.3353i	0.5831+0.1280i	0.8236+0.1492i	0.5571+0.0403i	-1.3343-1.4262i	0.4304+0.8364i	0.7713+0.6699i
58.3	0.9250+0.6252i	0.5457-0.2893i	0.5615+0.1408i	0.8021+0.1641i	0.4108+0.0226i	-1.3846-1.5030i	0.5945+0.7356i	0.8843+0.6724i
58.4	0.9310+0.6090i	0.5603-0.3552i	0.5938+0.1601i	0.7988+0.1185i	0.3804+0.0446i	-1.4499-1.5273i	0.5741+0.4068i	0.9606+0.5038i
58.5	0.9145+0.5944i	0.6248-0.3888i	0.6492+0.1291i	0.8162+0.0923i	0.3217+0.0823i	-1.4631-1.4265i	0.3138+0.4994i	0.9006+0.4680i
58.6	0.9103+0.5965i	0.6840-0.4654i	0.6862+0.0887i	0.8344+0.0656i	0.2232+0.0617i	-1.4618-1.4194i	0.2249+0.7714i	0.8431+0.4284i
58.7	0.9548+0.6137i	0.5683-0.5447i	0.6523+0.0703i	0.8026+0.0606i	0.3099-0.1735i	-1.4914-1.4224i	0.4487+0.7195i	0.8895+0.4463i
58.8	0.9871+0.6084i	0.4432-0.6124i	0.6248+0.0255i	0.7657+0.0480i	0.3833-0.1851i	-1.5257-1.3777i	0.6751+0.7825i	0.9362+0.4584i
58.9	0.9776+0.5945i	0.4367-0.6214i	0.6447+0.0071i	0.7447+0.0394i	0.1150+0.0650i	-1.5087-1.3632i	0.5353+0.8133i	0.8726+0.4680i
59.0	0.9905+0.5767i	0.3166-0.6159i	0.6173-0.0088i	0.7092+0.0336i	0.2720-0.0714i	-1.5488-1.3457i	0.7282+0.6722i	0.7994+0.4208i
59.1	0.9893+0.5693i	0.2509-0.6510i	0.5917+0.0003i	0.6889+0.0063i	0.3385-0.2368i	-1.5773-1.3998i	1.0328+0.6752i	0.8521+0.3372i
59.2	0.9932+0.5246i	0.2644-0.5425i	0.6111-0.0179i	0.6990+0.0374i	0.2240-0.2553i	-1.5749-1.2753i	0.8011+0.5115i	0.8533+0.3464i
59.3	1.0494+0.5203i	0.1369-0.5811i	0.5701-0.0644i	0.6634+0.0257i	0.2120-0.2208i	-1.6067-1.2268i	1.0361+0.4332i	0.9174+0.3182i
59.4	1.0368+0.5135i	0.0982-0.6286i	0.4893-0.0927i	0.6633-0.0281i	0.1969-0.1157i	-1.4315-1.2096i	1.2256+0.4548i	1.1000+0.3634i
59.5	1.0470+0.4436i	0.0911-0.4711i	0.4755-0.0585i	0.6687+0.0303i	0.2231-0.1737i	-1.4396-1.1170i	0.9957+0.1717i	1.0028+0.3722i
59.6	1.0340+0.4135i	0.0947-0.4069i	0.4917-0.0151i	0.6499+0.0649i	0.2758-0.1883i	-1.4641-1.1075i	0.7706+0.0578i	0.8869+0.3212i
59.7	1.0274+0.4268i	0.1156-0.4407i	0.4803-0.0117i	0.6616+0.0415i	0.3245-0.1698i	-1.4024-1.1355i	0.8103+0.1059i	0.8916+0.3007i
59.8	1.0432+0.4359i	0.0520-0.4296i	0.4555+0.0072i	0.6309+0.0603i	0.2571-0.1971i	-1.4209-1.2034i	1.0365-0.0625i	1.0103+0.2409i
59.9	1.0325+0.3975i	0.0833-0.3942i	0.5028+0.0706i	0.6265+0.0641i	0.2639-0.2195i	-1.4719-1.2745i	0.7809-0.1780i	0.9866+0.1498i
60.0	0.9993+0.3775i	0.1486-0.4180i	0.5221+0.0783i	0.6547+0.0169i	0.2154-0.3098i	-1.4160-1.2273i	0.6873-0.2048i	1.0659+0.2462i
60.1	1.0226+0.3831i	0.0733-0.3622i	0.5471+0.1334i	0.6301+0.0442i	0.1048-0.3023i	-1.5206-1.3059i	0.6944-0.3961i	1.0200+0.1227i
60.2	1.0114+0.4036i	0.1086-0.4144i	0.5257+0.0774i	0.6089+0.0333i	0.2128-0.2116i	-1.5240-1.3255i	0.5700-0.1231i	0.9818+0.0435i
60.3	1.0247+0.3814i	0.0899-0.4260i	0.5248+0.0620i	0.6004+0.0417i	0.3222-0.3120i	-1.5504-1.2534i	0.5096-0.0162i	0.9217+0.0542i
60.4	1.0031+0.3787i	0.1210-0.4706i	0.5447+0.0613i	0.6094+0.0183i	0.2961-0.4202i	-1.5056-1.2573i	0.4198+0.1094i	0.8791+0.0384i
60.5	1.0092+0.3815i	0.0863-0.4756i	0.5661+0.0859i	0.6177+0.0272i	0.0998-0.4201i	-1.5162-1.2677i	0.4982+0.0707i	0.9698+0.0865i
60.6	1.0424+0.3710i	0.0305-0.4599i	0.5607+0.1025i	0.6126+0.0482i	0.1630-0.3016i	-1.5767-1.2838i	0.6574-0.0241i	0.9347+0.0803i
60.7	1.0488+0.3633i	-0.0208-0.4772i	0.5997+0.1204i	0.5851+0.0432i	0.2035-0.2896i	-1.6128-1.3024i	0.5806-0.0149i	0.8859-0.0486i
60.8	1.0678+0.3598i	-0.0893-0.4917i	0.6372+0.0946i	0.5537+0.0388i	0.1071-0.4490i	-1.6983-1.3190i	0.6243+0.0284i	0.8212-0.0611i
60.9	1.0705+0.3544i	-0.1015-0.4667i	0.6725+0.0738i	0.5541+0.0535i	0.0389-0.3903i	-1.7556-1.2822i	0.5458+0.0353i	0.7329-0.0028i
61.0	1.0728+0.3456i	-0.1180-0.4511i	0.6604+0.0413i	0.5489+0.0584i	0.0038-0.1777i	-1.7422-1.2347i	0.5429-0.0246i	0.7334+0.0028i
61.1	1.0948+0.3090i	-0.1489-0.3724i	0.6955+0.0368i	0.5588+0.0838i	-0.1107-0.2460i	-1.8124-1.1851i	0.4751-0.0451i	0.6821+0.0462i
61.2	1.0982+0.2856i	-0.1743-0.3593i	0.7023+0.0492i	0.5593+0.0896i	-0.0624-0.2777i	-1.8082-1.1806i	0.5425-0.1285i	0.7202-0.0304i
61.3	1.0893+0.2664i	-0.1888-0.3655i	0.6909+0.0370i	0.5558+0.0763i	0.0356-0.2819i	-1.7752-1.1748i	0.5508-0.2243i	0.7570-0.0448i
61.4	1.0809+0.2413i	-0.1694-0.2902i	0.6978+0.0112i	0.5824+0.1079i	-0.0317-0.4925i	-1.8170-1.0808i	0.4730-0.3794i	0.7700-0.0365i
61.5	1.0726+0.2324i	-0.1571-0.2641i	0.7374+0.0085i	0.5994+0.1241i	-0.0066-0.4052i	-1.8656-1.0767i	0.3919-0.3010i	0.7343+0.0026i
61.6	1.0684+0.2260i	-0.1663-0.2737i	0.7566-0.0014i	0.5968+0.1247i	-0.0183-0.2664i	-1.8965-1.0795i	0.3732-0.3600i	0.7121+0.0342i
61.7	1.0566+0.2318i	-0.1679-0.3164i	0.7465-0.0259i	0.5925+0.1233i	0.0883-0.1325i	-1.9028-1.0677i	0.4623-0.2093i	0.7931+0.0922i
61.8	1.0385+0.2205i	-0.1367-0.3456i	0.7676-0.0352i	0.6082+0.0986i	0.0118-0.1331i	-1.9071-1.1017i	0.2848-0.0080i	0.7980+0.0724i
61.9	1.0593+0.2064i	-0.1712-0.2795i	0.7586-0.0664i	0.6112+0.1041i	-0.0358-0.1323i	-1.9334-1.0188i	0.3463-0.1519i	0.8382+0.0420i
62.0	1.0478+0.1960i	-0.1634-0.2577i	0.7601-0.0827i	0.6337+0.1006i	-0.0022-0.1147i	-1.9490-0.9617i	0.4729-0.1864i	0.8494+0.0639i
62.1	1.0333+0.2109i	-0.1569-0.2879i	0.7647-0.1153i	0.6423+0.0880i	0.1520-0.2218i	-1.9691-0.9144i	0.5506-0.0196i	0.8485+0.2013i
62.2	1.0375+0.1854i	-0.1809-0.2413i	0.7628-0.0984i	0.6401+0.0995i	0.0950-0.2019i	-1.9727-0.9093i	0.4704-0.1707i	0.8413+0.1398i
62.3	1.0390+0.1723i	-0.2014-0.2136i	0.7919-0.1027i	0.6486+0.1058i	0.0648-0.2211i	-2.0002-0.9198i	0.3336-0.1878i	0.7828+0.0887i

62.4	1.0307+0.1767i	-0.1998-0.2295i	0.8343-0.1179i	0.6546+0.1034i	-0.0125-0.2237i	-2.0195-0.8759i	0.4489-0.1793i	0.7405+0.1449i
62.5	1.0240+0.1805i	-0.1928-0.2265i	0.8386-0.1273i	0.6709+0.0920i	0.0173-0.2285i	-2.0209-0.8519i	0.5145-0.2840i	0.8109+0.1367i
62.6	1.0290+0.1821i	-0.2130-0.2326i	0.8656-0.1238i	0.6754+0.0661i	-0.0425-0.1550i	-2.0673-0.8761i	0.4487-0.1315i	0.7996+0.0702i
62.7	1.0350+0.1846i	-0.2178-0.2133i	0.9201-0.1561i	0.6760+0.0454i	0.0396-0.2172i	-2.1540-0.8319i	0.4108-0.1765i	0.6766+0.0576i
62.8	1.0349+0.1743i	-0.2149-0.2165i	0.9076-0.1845i	0.6736+0.0376i	-0.0589-0.2489i	-2.1176-0.7497i	0.4112-0.3892i	0.7720+0.1092i
62.9	1.0239+0.1844i	-0.2235-0.2231i	0.9025-0.2160i	0.6747+0.0023i	0.0215-0.3619i	-2.0820-0.7621i	0.4043-0.2023i	0.9617+0.0262i
63.0	1.0178+0.1831i	-0.2317-0.2422i	0.9157-0.2464i	0.6918-0.0091i	-0.0368-0.1791i	-2.0802-0.7093i	0.3892-0.1952i	0.9774+0.1125i
63.1	1.0356+0.1981i	-0.2391-0.2426i	0.9336-0.2877i	0.6757-0.0083i	-0.0266-0.1021i	-2.1232-0.6335i	0.3878-0.2757i	0.9601+0.1616i
63.2	1.0541+0.2195i	-0.2688-0.2449i	0.9523-0.3384i	0.6652-0.0220i	-0.0126-0.2113i	-2.1860-0.5827i	0.5129-0.3252i	0.9346+0.1575i
63.3	1.0628+0.2029i	-0.2562-0.2098i	0.9407-0.3864i	0.6707-0.0278i	-0.2619-0.2936i	-2.1786-0.5151i	0.5744-0.3428i	0.9924+0.1329i
63.4	1.0706+0.1902i	-0.2253-0.1909i	0.9573-0.4257i	0.6781-0.0355i	-0.1821-0.3029i	-2.1992-0.4574i	0.5428-0.3369i	0.9979+0.2107i
63.5	1.0993+0.1845i	-0.2491-0.1769i	0.9633-0.4256i	0.6507-0.0352i	-0.1205-0.2934i	-2.2161-0.5101i	0.4690-0.3386i	0.9315+0.1410i
63.6	1.0976+0.1683i	-0.2599-0.1909i	0.9391-0.4625i	0.6467-0.0334i	-0.0358-0.1834i	-2.1762-0.4574i	0.4949-0.2948i	0.9658+0.2587i
63.7	1.1234+0.1697i	-0.2885-0.1601i	0.9540-0.5329i	0.6325-0.0425i	0.0720-0.2987i	-2.2262-0.3597i	0.5158-0.4072i	0.9347+0.3199i
63.8	1.1546+0.1737i	-0.3241-0.1279i	0.9655-0.5286i	0.6108-0.0466i	0.0264-0.2245i	-2.2436-0.3820i	0.3451-0.3538i	0.9509+0.1502i
63.9	1.1762+0.1318i	-0.3407-0.1003i	0.9547-0.5922i	0.6085-0.0424i	-0.1234-0.1917i	-2.2313-0.2821i	0.3683-0.4717i	1.0675+0.2444i
64.0	1.1553+0.0944i	-0.2857-0.1101i	0.9049-0.6403i	0.6493-0.0439i	-0.1226-0.2748i	-2.1372-0.2082i	0.3494-0.6326i	1.3559+0.3426i
64.1	1.1582+0.1061i	-0.2926-0.1041i	0.9424-0.6379i	0.6262-0.0525i	-0.0103-0.3755i	-2.1694-0.2509i	0.3678-0.3958i	1.1937+0.1463i
64.2	1.1783+0.1100i	-0.3233-0.0832i	0.9246-0.6928i	0.6187-0.0582i	-0.1782-0.2678i	-2.1543-0.1713i	0.5428-0.4573i	1.2687+0.2312i
64.3	1.2031+0.0858i	-0.3126-0.0840i	0.9242-0.7931i	0.6175-0.0533i	-0.2042-0.3088i	-2.1934-0.1073i	0.6552-0.4739i	1.2338+0.3029i
64.4	1.2319+0.0439i	-0.3425-0.0249i	0.9438-0.8591i	0.5914-0.0427i	-0.1640-0.3122i	-2.2626-0.0510i	0.5369-0.6009i	1.2347+0.2666i
64.5	1.2259+0.0216i	-0.3532-0.0244i	0.9087-0.8776i	0.5801-0.0611i	-0.3263-0.1212i	-2.1848-0.0545i	0.4930-0.5405i	1.3903-0.0234i
64.6	1.2000+0.0030i	-0.3286-0.0118i	0.8848-0.9215i	0.5936-0.0614i	-0.2428-0.0194i	-2.1868-0.0117i	0.3359-0.6272i	1.6620-0.0448i
64.7	1.2214-0.0333i	-0.3332+0.0154i	0.8142-1.0051i	0.5887-0.0660i	-0.1570-0.1599i	-2.1746+0.0882i	0.2375-0.8434i	1.7289+0.0438i
64.8	1.2456-0.0243i	-0.3706+0.0086i	0.8067-1.0369i	0.5659-0.0837i	-0.1666-0.2846i	-2.1433+0.0670i	0.1908-0.8408i	1.8304-0.0550i
64.9	1.2376-0.0511i	-0.3575+0.0202i	0.7460-1.0760i	0.5793-0.0896i	-0.2089-0.1380i	-2.1205+0.1182i	0.1348-0.8827i	1.9270-0.1092i
65.0	1.2376-0.0779i	-0.3530+0.0623i	0.7136-1.1933i	0.5680-0.0592i	-0.2029-0.0645i	-2.1633+0.2385i	0.1494-0.9217i	1.9557-0.0444i
65.1	1.2322-0.0948i	-0.3518+0.0896i	0.7089-1.2486i	0.5497-0.0526i	-0.1968-0.1215i	-2.1903+0.2847i	0.1549-0.8584i	1.8691-0.0753i
65.2	1.2163-0.1356i	-0.3175+0.1054i	0.6485-1.3137i	0.5780-0.0590i	-0.3376-0.1641i	-2.1493+0.3683i	-0.0253-0.8569i	2.0546-0.1742i
65.3	1.1866-0.1434i	-0.2858+0.1288i	0.5893-1.3995i	0.5918-0.0153i	-0.3264-0.1606i	-2.0818+0.5073i	0.1165-0.9147i	1.9142+0.0206i
65.4	1.1647-0.1473i	-0.2664+0.1209i	0.4789-1.4725i	0.6020-0.0281i	-0.2756+0.0400i	-2.0091+0.5894i	-0.0676-0.9611i	2.1037-0.1480i
65.5	1.1531-0.1534i	-0.2513+0.1466i	0.3964-1.4896i	0.6235-0.0464i	-0.1899-0.0527i	-1.9197+0.5919i	-0.2952-0.8858i	2.3556-0.3814i
65.6	1.1390-0.1405i	-0.2564+0.1488i	0.3217-1.5302i	0.5916-0.0437i	-0.1800-0.2235i	-1.8693+0.6524i	-0.2872-0.8213i	2.2876-0.4956i
65.7	1.1220-0.1199i	-0.2567+0.1140i	0.2310-1.5830i	0.5846-0.0631i	-0.2810-0.1268i	-1.8208+0.7195i	-0.2571-0.8507i	2.4188-0.4036i
65.8	1.1005-0.1298i	-0.2182+0.1225i	0.1539-1.6154i	0.5890-0.0852i	-0.4368-0.2319i	-1.7988+0.7670i	-0.2076-0.8516i	2.3377-0.6234i
65.9	1.0749-0.1349i	-0.1790+0.1263i	0.0611-1.5091i	0.5607-0.0997i	-0.4996-0.1935i	-1.6595+0.6656i	-0.3773-0.6026i	2.0574-1.2305i
66.0	1.0791-0.1098i	-0.1666+0.1153i	-0.1058-1.5296i	0.5715-0.0929i	-0.4191-0.1418i	-1.4729+0.6684i	-0.5379-0.6793i	2.3186-1.1619i
66.1	1.0969-0.0706i	-0.2405+0.1102i	-0.2318-1.6385i	0.5298-0.0797i	-0.3366-0.2650i	-1.3835+0.7469i	-0.5842-0.7214i	2.4645-1.1261i
66.2	1.1004-0.0677i	-0.2004+0.1592i	-0.4132-1.6307i	0.5201-0.0443i	-0.5200+0.0622i	-1.2818+0.7012i	-0.6891-0.6343i	2.3412-1.5190i
66.3	1.0869-0.0584i	-0.1797+0.1622i	-0.5341-1.5427i	0.5294-0.0304i	-0.5663+0.0693i	-1.1986+0.6261i	-0.7612-0.7302i	2.3640-1.5496i
66.4	1.0829-0.0138i	-0.1603+0.0920i	-0.6174-1.3849i	0.5618-0.0719i	-0.3023+0.0295i	-1.1034+0.5485i	-0.8839-0.6800i	2.5992-1.8398i
66.5	1.1031+0.0256i	-0.1493+0.0906i	-0.6792-1.3280i	0.5665-0.0644i	-0.2167+0.1148i	-1.0688+0.4972i	-0.9854-0.4639i	2.5182-2.0861i
66.6	1.1281+0.0678i	-0.1354+0.0627i	-0.7726-1.2994i	0.5764-0.0377i	-0.3042+0.0779i	-1.0026+0.4785i	-0.9462-0.3348i	2.4329-1.9275i
66.7	1.1737+0.0383i	-0.1210+0.0719i	-0.8621-1.1321i	0.5880-0.0692i	-0.3816+0.0529i	-0.9961+0.3518i	-1.1256-0.2615i	2.4510-2.5257i
66.8	1.2365+0.0668i	-0.1555+0.0535i	-0.8910-1.1567i	0.5705-0.0412i	-0.4222+0.1573i	-1.0281+0.3733i	-0.9825-0.2854i	2.1696-2.1996i
66.9	1.2930+0.0665i	-0.1458+0.0408i	-0.9477-1.1005i	0.5907-0.0678i	-0.3606+0.1173i	-1.0376+0.3356i	-0.8813-0.2599i	2.1280-2.3047i
67.0	1.3656+0.0412i	-0.1423+0.0544i	-1.0578-0.9884i	0.6107-0.0655i	-0.3882+0.2119i	-0.9754+0.3005i	-0.9058-0.1283i	2.0845-2.4614i
67.1	1.4348+0.0381i	-0.2009+0.0598i	-1.0430-0.9162i	0.6020-0.0596i	-0.4123+0.2428i	-0.9985+0.2232i	-0.8342-0.0305i	1.9224-2.5601i
67.2	1.4447-0.0138i	-0.1721+0.0479i	-1.0804-0.8028i	0.5935-0.0990i	-0.4869+0.2694i	-1.0063+0.1413i	-0.9372+0.1309i	1.8534-3.0989i
67.3	1.5058-0.0801i	-0.2002+0.0662i	-1.1318-0.6976i	0.6005-0.1089i	-0.2973+0.3261i	-0.9627+0.0693i	-1.0667+0.0990i	1.9458-3.1209i
67.4	1.5771-0.1159i	-0.2603+0.1134i	-1.1635-0.6776i	0.5738-0.0960i	-0.0941+0.3428i	-0.9947+0.0284i	-1.1186+0.1016i	1.8400-3.2384i
67.5	1.6173-0.1694i	-0.2923+0.1119i	-1.1680-0.5805i	0.5841-0.0908i	-0.0478+0.1974i	-0.9763+0.0137i	-1.0102+0.1710i	1.6881-3.1405i
67.6	1.5928-0.2931i	-0.2207+0.1546i	-1.1555-0.3622i	0.5549-0.0871i	-0.1307+0.1599i	-1.0602-0.1249i	-0.9815+0.4017i	1.0717-3.6642i
67.7	1.6334-0.3406i	-0.2563+0.1729i	-1.2196-0.3590i	0.5592-0.0752i	-0.1313+0.0582i	-1.0753-0.0931i	-0.9771+0.2953i	1.2300-3.2923i
67.8	1.6516-0.3719i	-0.2756+0.1924i	-1.2483-0.3059i	0.5358-0.0684i	-0.2197+0.2141i	-1.0548-0.1519i	-0.9544+0.3982i	1.2426-3.5674i
67.9	1.6043-0.4176i	-0.2160+0.1890i	-1.1533-0.2057i	0.5209-0.0485i	-0.3822+0.4413i	-1.1615-0.2363i	-0.7568+0.4733i	0.4376-3.7904i
68.0	1.5744-0.5117i	-0.1738+0.2418i	-1.1129-0.1263i	0.5237-0.0356i	-0.4556+0.4046i	-1.2815-0.2451i	-0.6857+0.6825i	-0.0274-3.9715i
68.1	1.5632-0.5392i	-0.1562+0.2355i	-1.1198-0.0410i	0.5382-0.0403i	-0.5003+0.5475i	-1.3460-0.2942i	-0.8036+0.6668i	-0.1008-4.1665i
68.2	1.5510-0.5812i	-0.1211+0.2182i	-1.1660-0.0261i	0.5594-0.0285i	-0.4021+0.4632i	-1.3732-0.2354i	-0.7971+0.6289i	-0.2819-3.8101i
68.3	1.5539-0.6399i	-0.1145+0.2534i	-1.1388+0.0433i	0.5660-0.0075i	-0.4005+0.3565i	-1.4222-0.2604i	-0.8242+0.7411i	-0.6546-3.9665i
68.4	1.5366-0.6448i	-0.0985+0.2425i	-1.0784+0.0183i	0.5845-0.0215i	-0.5830+0.3461i	-1.5374-0.1923i	-0.6893+0.6677i	-0.7937-3.5257i
68.5	1.4908-0.6833i	-0.0650+0.2391i	-1.0122+0.0865i	0.5554-0.0394i	-0.5231+0.2705i	-1.6477-0.1493i	-0.5760+0.8680i	-0.9812-3.6576i
68.6	1.4699-0.7097i	-0.0587+0.2104i	-0.9963+0.1211i	0.5568-0.0452i	-0.3295+0.4463i	-1.7222-0.1080i	-0.5613+0.8658i	-1.1129-3.5107i

68.7	1.4564-0.7375i	-0.0308+0.2174i	-1.0045+0.1670i	0.5758-0.0289i	-0.1876+0.3957i	-1.7549-0.0689i	-0.5605+0.8314i	-1.1780-3.5433i
68.8	1.4260-0.7816i	-0.0252+0.2128i	-0.9820+0.2176i	0.5832-0.0233i	-0.3250+0.4149i	-1.8059+0.0546i	-0.4993+0.8211i	-1.3804-3.3029i
68.9	1.4094-0.8079i	-0.0046+0.2042i	-1.0267+0.1995i	0.5858+0.0087i	-0.2633+0.5091i	-1.7987+0.1669i	-0.4373+0.7450i	-1.6200-2.8086i
69.0	1.4480-0.8015i	-0.0244+0.2318i	-1.0805+0.2129i	0.5631+0.0370i	-0.1758+0.4084i	-1.7403+0.2037i	-0.4170+0.8062i	-1.3806-3.2180i
69.1	1.4381-0.7825i	-0.0234+0.1612i	-1.0872+0.1756i	0.5513+0.0439i	-0.1082+0.5659i	-1.7075+0.3573i	-0.3364+0.8676i	-1.5336-2.8440i
69.2	1.3940-0.8712i	0.0362+0.1759i	-1.1220+0.3346i	0.5815+0.0574i	-0.3206+0.5836i	-1.6947+0.4061i	-0.3533+0.8778i	-1.7503-2.9521i
69.3	1.3994-0.9031i	0.0225+0.1894i	-1.1492+0.4293i	0.5991+0.0576i	-0.3507+0.5819i	-1.6135+0.3907i	-0.4750+0.8813i	-1.4678-2.9554i
69.4	1.4117-0.9110i	0.0105+0.1436i	-1.1904+0.4735i	0.6389+0.0593i	-0.2290+0.7006i	-1.5790+0.4186i	-0.4105+0.7919i	-1.4902-2.7495i
69.5	1.3738-0.9370i	0.0200+0.1370i	-1.1892+0.5046i	0.6294+0.1153i	-0.2096+0.6574i	-1.5180+0.4796i	-0.2508+0.7004i	-1.7465-2.6326i
69.6	1.3215-0.9891i	0.0547+0.1296i	-1.1298+0.6077i	0.6255+0.1134i	-0.1486+0.6676i	-1.5229+0.4874i	-0.2936+0.9600i	-2.0461-2.7940i
69.7	1.2945-1.0016i	0.0523+0.0839i	-1.0795+0.7388i	0.6921+0.0993i	-0.0199+0.6849i	-1.5166+0.5061i	-0.3975+0.9083i	-2.1756-2.6619i
69.8	1.2671-0.9914i	0.0636+0.0427i	-1.0047+0.7595i	0.7286+0.1176i	-0.0756+0.7774i	-1.5264+0.5176i	-0.0953+0.8306i	-2.4822-2.2131i
69.9	1.2636-1.0195i	0.0723+0.0264i	-1.0039+0.8312i	0.7650+0.1305i	-0.1006+0.9893i	-1.5624+0.5186i	0.0427+0.9605i	-2.4986-2.0898i
70.0	1.2758-1.0788i	0.0186+0.0332i	-1.0019+0.9350i	0.7772+0.1062i	-0.0035+0.8773i	-1.5556+0.5542i	-0.0159+0.9324i	-2.4441-2.2419i
70.1	1.2881-1.0983i	0.0055+0.0197i	-0.9944+0.9960i	0.8358+0.0884i	0.2381+0.8341i	-1.5232+0.5680i	-0.1782+0.8688i	-2.6040-1.9725i
70.2	1.2370-1.1142i	0.0042+0.0105i	-0.8670+1.0485i	0.8518+0.0585i	0.2002+0.9199i	-1.5326+0.6056i	-0.1532+0.9971i	-2.5855-1.9271i
70.3	1.2134-1.1857i	-0.0134+0.0368i	-0.8098+1.1832i	0.8712+0.0346i	0.1822+0.8875i	-1.5134+0.5514i	-0.0747+1.0534i	-2.6165-2.2400i
70.4	1.1978-1.2036i	-0.0161+0.0184i	-0.7529+1.1803i	0.8981-0.0015i	0.2839+0.7890i	-1.5058+0.5922i	-0.0172+1.1159i	-2.9214-1.9614i
70.5	1.2088-1.2161i	-0.0466+0.0181i	-0.7332+1.1813i	0.9111+0.0060i	0.4083+0.7751i	-1.5172+0.6709i	-0.0107+0.9162i	-3.0488-1.7218i
70.6	1.1787-1.1907i	-0.0766-0.0337i	-0.6675+1.1384i	0.9203-0.0214i	0.5412+0.9087i	-1.4682+0.7529i	0.1774+0.8441i	-2.9541-1.2406i
70.7	1.1322-1.2438i	-0.0800-0.0152i	-0.5547+1.2185i	0.9319-0.0602i	0.6280+0.8307i	-1.4069+0.7217i	0.2176+1.0366i	-3.0629-1.0778i
70.8	1.1413-1.3329i	-0.1117+0.0049i	-0.5783+1.2664i	0.9531-0.0705i	0.5754+0.7953i	-1.3503+0.7822i	0.0788+0.9953i	-3.1643-1.2588i
70.9	1.1012-1.3526i	-0.1324-0.0077i	-0.4792+1.2898i	0.9676-0.1281i	0.5887+0.6272i	-1.3399+0.8236i	0.1569+0.9255i	-3.0054-0.8980i
71.0	1.0772-1.3753i	-0.1572+0.0287i	-0.4311+1.2830i	0.9564-0.1483i	0.7527+0.7140i	-1.2882+0.7917i	0.1511+0.9682i	-2.9022-0.8331i
71.1	1.0903-1.4275i	-0.1650+0.0046i	-0.5098+1.2633i	0.9877-0.1644i	0.6565+0.7657i	-1.2271+0.9096i	0.1439+0.8824i	-2.8287-0.3526i
71.2	1.0664-1.4553i	-0.1763-0.0029i	-0.4829+1.2593i	0.9913-0.1838i	0.7028+0.5194i	-1.1851+0.9302i	0.2602+0.8492i	-2.6984-0.1534i
71.3	1.0147-1.4386i	-0.1897+0.0200i	-0.3994+1.2478i	0.9466-0.1981i	0.7925+0.4493i	-1.1452+0.8542i	0.2554+0.8520i	-2.6979-0.3042i
71.4	0.9358-1.4811i	-0.2082+0.0273i	-0.3681+1.3156i	0.9203-0.2246i	0.7599+0.3528i	-1.0264+0.8654i	0.3283+0.8663i	-2.5678-0.2324i
71.5	0.8536-1.5173i	-0.2239+0.0100i	-0.3453+1.3630i	0.9290-0.2727i	0.8885+0.3981i	-0.9666+0.9053i	0.3418+0.8325i	-2.3732+0.2403i
71.6	0.8014-1.5291i	-0.2221+0.0177i	-0.3028+1.3463i	0.9540-0.2761i	1.1054+0.2906i	-0.9633+0.8747i	0.3152+0.8524i	-2.4874+0.3839i
71.7	0.7575-1.5554i	-0.2432+0.0549i	-0.2907+1.3605i	0.9531-0.2733i	0.9705+0.2693i	-0.9442+0.8287i	0.3434+0.8185i	-2.4030+0.2929i
71.8	0.6916-1.5994i	-0.3039+0.0719i	-0.2815+1.4896i	0.9536-0.3160i	0.9633+0.3949i	-0.8476+0.7562i	0.3361+0.8754i	-2.3249+0.3842i
71.9	0.6591-1.5847i	-0.3037+0.0811i	-0.2804+1.5371i	0.9801-0.3223i	0.8705+0.4372i	-0.8459+0.7316i	0.2865+0.8766i	-2.2619+0.4654i
72.0	0.5489-1.5396i	-0.2434+0.1062i	-0.1296+1.5154i	0.9564-0.3324i	0.8921+0.1378i	-0.9209+0.6781i	0.4522+0.9029i	-2.4756+0.4654i
72.1	0.4709-1.5480i	-0.2353+0.1481i	-0.0841+1.6001i	0.9554-0.3687i	0.9698+0.0350i	-0.8855+0.6459i	0.4217+1.0023i	-2.2817+0.6131i
72.2	0.4226-1.5243i	-0.2344+0.1996i	-0.0082+1.5801i	0.9202-0.3729i	0.8867+0.0516i	-0.9162+0.6288i	0.4124+1.0403i	-2.2630+0.5777i
72.3	0.4058-1.5164i	-0.2287+0.2306i	-0.0104+1.5916i	0.9366-0.4185i	0.8783-0.1338i	-0.9211+0.6136i	0.4110+0.9397i	-2.0925+0.5539i
72.4	0.3724-1.5095i	-0.2372+0.2282i	0.0215+1.6572i	0.9409-0.4494i	0.9199-0.3097i	-0.8882+0.6110i	0.3645+0.8418i	-2.2691+0.6072i
72.5	0.3325-1.4757i	-0.2688+0.2389i	0.1055+1.6735i	0.9287-0.4623i	0.9264-0.4078i	-0.8741+0.5962i	0.3599+0.7814i	-2.1009+0.6721i
72.6	0.2708-1.4703i	-0.2479+0.2631i	0.2217+1.6939i	0.9289-0.4771i	0.8951-0.3365i	-0.9510+0.5920i	0.6631+0.8135i	-1.8827+0.8772i
72.7	0.2268-1.4375i	-0.2254+0.3195i	0.3164+1.7069i	0.9062-0.5034i	0.8326-0.4727i	-0.9688+0.5385i	0.6810+0.7832i	-1.7049+0.6948i
72.8	0.1521-1.3832i	-0.2438+0.3251i	0.4489+1.7114i	0.8553-0.5520i	0.9316-0.3309i	-0.9576+0.5325i	0.7388+0.7930i	-1.3956+0.6775i
72.9	0.1286-1.3783i	-0.1746+0.2897i	0.4762+1.7240i	0.8847-0.5801i	0.7898-0.2602i	-1.0215+0.6028i	0.9110+0.8203i	-1.6527+1.0360i
73.0	0.1476-1.3276i	-0.1723+0.2787i	0.4809+1.6547i	0.8898-0.5852i	0.6164-0.4587i	-0.9905+0.6429i	0.9766+0.7770i	-1.6133+1.3845i
73.1	0.1094-1.3273i	-0.1384+0.3213i	0.5587+1.6708i	0.8765-0.6073i	0.6957-0.5411i	-1.0505+0.6394i	0.9870+0.8365i	-1.6981+1.2407i
73.2	0.0875-1.3263i	-0.1090+0.3493i	0.6145+1.7178i	0.8302-0.6230i	0.6013-0.5744i	-1.0407+0.6351i	0.9876+0.9304i	-1.5893+1.0104i
73.3	0.0788-1.2788i	-0.1226+0.3721i	0.6946+1.6596i	0.7873-0.6340i	0.5521-0.6016i	-1.0225+0.6508i	0.6596+0.6658i	-1.2978+1.0883i
73.4	0.0329-1.2419i	-0.0868+0.3369i	0.7853+1.6625i	0.7719-0.6567i	0.4328-0.5243i	-1.0486+0.6926i	0.9349+0.5158i	-1.2143+1.2247i
73.5	0.0135-1.2047i	-0.0474+0.3395i	0.8597+1.6312i	0.7516-0.6489i	0.2784-0.6016i	-1.0702+0.6865i	1.0341+0.5798i	-1.2003+1.2532i
73.6	0.0161-1.1692i	-0.0093+0.3260i	0.9065+1.5503i	0.7235-0.6377i	0.2646-0.5455i	-1.0596+0.6984i	0.9287+0.6092i	-1.2903+1.1106i
73.7	0.0066-1.1507i	-0.0428+0.3060i	0.9322+1.4805i	0.7006-0.6459i	0.0714-0.5541i	-0.9667+0.7241i	1.0051+0.4058i	-1.0926+1.1232i
73.8	0.0313-1.1631i	-0.0281+0.3205i	0.9048+1.5010i	0.7123-0.6466i	0.1991-0.6432i	-0.9766+0.7785i	0.9802+0.5013i	-1.0384+1.1073i
73.9	0.0187-1.1439i	-0.0179+0.3224i	0.9050+1.5427i	0.7058-0.6429i	0.3021-0.4888i	-0.9678+0.7572i	0.9808+0.3708i	-0.8672+1.0462i
74.0	-0.0170-1.1008i	-0.0239+0.3484i	0.9730+1.4975i	0.6587-0.6556i	0.3774-0.5119i	-0.9413+0.6884i	1.0024+0.2648i	-0.8653+1.0405i
74.1	-0.0707-1.0695i	0.0130+0.3395i	1.0853+1.4444i	0.5932-0.6741i	0.2949-0.3364i	-0.9288+0.7620i	0.9513+0.2660i	-0.9786+1.0929i
74.2	-0.0787-1.0330i	0.0425+0.3377i	1.0808+1.3929i	0.6167-0.6613i	0.0423-0.4133i	-1.0094+0.7473i	0.9603+0.2285i	-0.7599+0.9596i
74.3	-0.0447-1.0206i	0.0389+0.3743i	1.0349+1.3732i	0.6150-0.6408i	0.0914-0.6459i	-0.9931+0.6981i	0.9006+0.3086i	-0.6859+0.7054i
74.4	-0.0371-0.9428i	0.0382+0.3596i	1.1523+1.3308i	0.5619-0.6526i	0.3211-0.5326i	-0.9883+0.7100i	1.0380+0.1452i	-0.5094+0.7954i
74.5	-0.0242-0.9266i	0.0727+0.3411i	1.1671+1.3384i	0.5808-0.6552i	0.1770-0.3272i	-1.0217+0.8068i	1.0662+0.0680i	-0.4157+0.7718i
74.6	-0.0241-0.8740i	0.0816+0.2947i	1.2201+1.2125i	0.5477-0.6217i	-0.0224-0.5563i	-0.9784+0.8512i	1.0491+0.1764i	-0.4643+1.0165i
74.7	-0.0031-0.8807i	0.0864+0.2868i	1.1994+1.2472i	0.5290-0.6183i	0.1393-0.5181i	-1.0234+0.8884i	0.9926+0.3141i	-0.5341+1.0277i
74.8	-0.0533-0.9011i	0.1250+0.2989i	1.2764+1.2503i	0.5370-0.6089i	0.1059-0.4702i	-1.0549+0.8883i	1.1696+0.0013i	-0.7421+0.9812i
74.9	-0.0541-0.8417i	0.1323+0.2925i	1.3170+1.1350i	0.5216-0.5954i	-0.1110-0.4445i	-1.0330+0.8733i	1.1998+0.0132i	-0.5495+0.8957i

75.0	-0.0102-0.8419i	0.0964+0.2740i	1.2951+1.1033i	0.5304-0.6227i	0.0336-0.3414i	-0.9924+0.9183i	1.1387-0.0970i	-0.3765+0.9654i
75.1	0.0305-0.8345i	0.0934+0.2679i	1.2593+1.0969i	0.5087-0.6144i	0.0106-0.3607i	-1.0174+0.9415i	0.9881-0.1354i	-0.2985+0.7029i
75.2	0.0148-0.8074i	0.1159+0.2467i	1.2859+1.0323i	0.4943-0.6242i	-0.1320-0.3676i	-0.9648+1.0306i	1.0702-0.0689i	-0.2768+0.7722i
75.3	0.0139-0.8261i	0.1390+0.2288i	1.3403+1.0708i	0.5033-0.6224i	-0.0537-0.2865i	-1.0223+1.1383i	0.9314+0.0384i	-0.4954+0.7643i
75.4	0.0354-0.7672i	0.1132+0.2338i	1.3317+0.9534i	0.4935-0.5533i	0.0329-0.2861i	-0.9630+1.0171i	0.9931-0.1444i	-0.4056+0.6817i
75.5	0.0351-0.8045i	0.1399+0.2326i	1.3367+1.0106i	0.4734-0.5628i	0.0710-0.5342i	-0.9697+1.0950i	1.1684-0.1600i	-0.4446+0.5316i
75.6	0.0927-0.7709i	0.1119+0.2311i	1.2389+0.9386i	0.5005-0.5697i	0.0415-0.3026i	-1.0232+1.0977i	0.9515-0.3141i	-0.0891+0.5466i
75.7	0.0996-0.7462i	0.0967+0.2188i	1.2479+0.8536i	0.4916-0.5655i	0.1053-0.3737i	-0.9576+1.0948i	0.8526-0.2308i	-0.0543+0.6760i
75.8	0.0776-0.7532i	0.0980+0.2026i	1.2530+0.8282i	0.4793-0.5838i	0.2594-0.4917i	-0.8379+1.1915i	0.7733-0.1502i	-0.1807+0.7361i
75.9	0.1001-0.7724i	0.1116+0.1672i	1.2513+0.7904i	0.4834-0.6045i	0.2376-0.3385i	-0.8256+1.3983i	0.7459-0.2475i	-0.2090+0.5594i
76.0	0.1182-0.7602i	0.1096+0.1529i	1.2473+0.7978i	0.4637-0.6218i	0.0713-0.2806i	-0.8134+1.4659i	0.7696-0.3891i	-0.0440+0.5599i
76.1	0.0618-0.7682i	0.1211+0.1259i	1.2494+0.8021i	0.4392-0.6190i	0.1375-0.2967i	-0.6956+1.5256i	0.9180-0.5945i	-0.1664+0.7651i
76.2	0.0608-0.7410i	0.1415+0.1297i	1.2761+0.7654i	0.4532-0.6002i	0.0922-0.1303i	-0.7474+1.5589i	0.8478-0.4978i	-0.2492+0.5359i
76.3	0.1014-0.7561i	0.1119+0.1599i	1.2237+0.8490i	0.4313-0.5811i	0.1161+0.0340i	-0.6240+1.4812i	0.6456-0.3651i	-0.1533+0.3519i
76.4	0.1035-0.7803i	0.1055+0.1516i	1.1787+0.9411i	0.4390-0.6030i	-0.0858-0.2888i	-0.5419+1.5452i	0.5783-0.4720i	-0.0737+0.5182i
76.5	0.1363-0.7634i	0.0990+0.1162i	1.1680+0.8372i	0.4620-0.6300i	-0.1481-0.1135i	-0.5040+1.7129i	0.5391-0.5237i	-0.1068+0.6005i
76.6	0.1637-0.8062i	0.1034+0.1280i	1.1610+0.8572i	0.4573-0.6502i	-0.2300+0.0589i	-0.5016+1.7560i	0.5997-0.3294i	-0.2413+0.5185i
76.7	0.1671-0.8226i	0.0989+0.1395i	1.0943+0.9727i	0.4571-0.6250i	-0.0373-0.1413i	-0.4372+1.7900i	0.6245-0.2662i	-0.2460+0.4157i
76.8	0.1460-0.7854i	0.0679+0.1071i	1.0484+0.9428i	0.3987-0.5742i	0.0998-0.1304i	-0.1536+1.7676i	0.5382-0.3898i	-0.3299+0.5513i
76.9	0.1456-0.7809i	0.0482+0.0826i	1.0822+0.9069i	0.3733-0.5776i	-0.0098-0.0854i	0.0691+1.8324i	0.4237-0.3679i	-0.3339+0.5151i
77.0	0.1802-0.7704i	0.0161+0.1022i	0.9751+0.8950i	0.3773-0.5744i	-0.2726-0.0554i	0.0850+1.6632i	0.2942-0.5784i	-0.1336+0.4707i
77.1	0.1106-0.7874i	0.0255+0.0958i	1.0285+0.9359i	0.3561-0.5384i	-0.2001-0.3624i	0.3482+1.6478i	0.6979-0.6761i	-0.2753+0.5392i
77.2	0.1467-0.7804i	-0.0027+0.1153i	0.9792+1.0143i	0.3738-0.5147i	0.1122-0.1527i	0.3697+1.4883i	0.4250-0.6115i	-0.3036+0.4824i
77.3	0.1708-0.7967i	0.0083+0.1237i	1.0203+1.0692i	0.4065-0.5300i	0.0496+0.0033i	0.3493+1.4642i	0.4836-0.5167i	-0.2663+0.6081i
77.4	0.1823-0.8142i	0.0281+0.1325i	1.0967+1.0989i	0.3933-0.5738i	-0.1724-0.2411i	0.2541+1.6362i	0.3458-0.0456i	-0.1780+0.5693i
77.5	0.1454-0.8006i	-0.0117+0.1307i	1.2078+1.0939i	0.3420-0.5409i	-0.0055-0.2235i	0.5954+1.4908i	0.2800-0.3197i	-0.1519+0.4006i
77.6	0.1619-0.7679i	-0.0447+0.1365i	1.2289+1.0617i	0.3330-0.5277i	0.1487+0.0456i	0.6901+1.3048i	0.2155-0.4483i	-0.0180+0.3171i
77.7	0.1523-0.8193i	-0.0454+0.1771i	1.2231+1.1643i	0.3199-0.5084i	0.3601-0.0232i	0.8615+1.2360i	0.2159-0.2236i	-0.1404+0.2689i
77.8	0.0952-0.8844i	-0.0218+0.1997i	1.3346+1.2795i	0.3201-0.5058i	0.2067-0.1874i	0.9944+1.1670i	0.1665-0.2844i	-0.3241+0.2530i
77.9	0.1035-0.8762i	-0.0239+0.2015i	1.3970+1.2419i	0.3397-0.5038i	0.0650-0.2318i	0.9851+1.0607i	0.2135-0.5701i	-0.3824+0.3091i
78.0	0.1000-0.9251i	0.0073+0.2172i	1.4574+1.2800i	0.3668-0.5396i	0.0242-0.2890i	0.9528+1.1377i	0.6295-0.1534i	-0.5164+0.4518i
78.1	0.1618-0.9434i	-0.0098+0.2456i	1.4969+1.3554i	0.3247-0.5309i	0.0072-0.3104i	1.0302+1.1359i	0.4233+0.2559i	-0.5173+0.4898i
78.2	0.1435-0.8776i	-0.0036+0.2512i	1.5449+1.3381i	0.3558-0.4239i	0.1973-0.3693i	1.0272+0.7571i	0.3280-0.1156i	-0.2351+0.4175i
78.3	0.2095-0.8822i	-0.0334+0.2516i	1.5177+1.3504i	0.4066-0.4261i	0.3699-0.4884i	1.0384+0.5912i	0.4086-0.2277i	-0.2751+0.3845i
78.4	0.1673-0.9347i	-0.0247+0.2543i	1.6676+1.3937i	0.4112-0.4498i	0.0480-0.2561i	1.1829+0.5432i	0.3542-0.4027i	-0.2910+0.5133i
78.5	0.0972-0.9890i	-0.0073+0.2780i	1.7594+1.4522i	0.3871-0.4911i	-0.1651-0.0052i	1.2179+0.4655i	0.3952-0.4892i	-0.3088+0.5333i
78.6	0.0432-0.9911i	0.0437+0.2901i	1.8546+1.3808i	0.3897-0.4768i	-0.1803-0.2691i	1.0292+0.2984i	0.5521-0.2760i	-0.2416+0.5775i
78.7	0.0912-1.0238i	0.0318+0.3114i	1.8964+1.4094i	0.3834-0.4748i	0.0894-0.2438i	1.1052+0.3601i	0.4170-0.2100i	-0.2303+0.5691i
78.8	0.0709-1.1128i	0.0352+0.3484i	1.9471+1.5319i	0.3803-0.5176i	0.0058-0.1879i	1.2216+0.3559i	0.4236-0.2969i	-0.3467+0.6120i
78.9	-0.0801-1.1892i	0.0513+0.3699i	2.1655+1.4546i	0.3083-0.5308i	-0.0352-0.1350i	1.6557-0.1195i	0.7372-0.3139i	-0.2558+0.9316i
79.0	-0.3528-1.1320i	0.1417+0.3815i	2.4358+1.1367i	0.1810-0.5480i	-0.0764-0.2061i	1.4584-0.7535i	0.6072-0.1861i	-0.1810+0.7666i
79.1	-0.3089-0.9547i	0.1621+0.3491i	2.3438+0.9698i	0.2023-0.5061i	-0.1352-0.4224i	0.8271-0.7024i	0.2731-0.1647i	-0.0221+0.6683i
79.2	-0.2718-0.9284i	0.1705+0.3382i	2.2895+0.9909i	0.2022-0.4358i	-0.1571-0.3216i	0.6991-0.5672i	0.2102-0.1128i	0.0998+0.8266i
79.3	-0.2892-0.8493i	0.1773+0.2999i	2.3199+0.9056i	0.2331-0.3937i	0.0108-0.2345i	0.7087-0.6979i	0.1909-0.1648i	0.1695+0.7256i
79.4	-0.2934-0.8514i	0.1952+0.2820i	2.3368+0.8820i	0.2345-0.4164i	0.0527-0.1300i	0.5668-0.6290i	0.1757-0.2996i	0.1164+0.6520i
79.5	-0.3221-0.8281i	0.2067+0.2910i	2.2895+0.8290i	0.2177-0.4119i	-0.1474-0.1633i	0.3643-0.7164i	0.1501-0.1312i	0.0961+0.7467i
79.6	-0.2879-0.7843i	0.1805+0.2762i	2.2711+0.8016i	0.2542-0.3710i	-0.1134-0.1334i	0.3852-0.8425i	0.1177-0.4137i	0.2377+0.6130i
79.7	-0.3304-0.7593i	0.2001+0.2744i	2.3449+0.7589i	0.2277-0.3698i	-0.1097-0.2203i	0.2798-0.7656i	-0.0792-0.4557i	0.2376+0.5170i
79.8	-0.3396-0.7681i	0.2393+0.2787i	2.3706+0.7687i	0.2360-0.3434i	-0.0729-0.0737i	0.1750-0.6162i	-0.0403-0.2920i	-0.0040+0.4975i
79.9	-0.3118-0.6846i	0.2475+0.2490i	2.4070+0.6829i	0.2659-0.2665i	-0.2287-0.2502i	0.2633-0.4867i	-0.1288-0.4208i	0.1399+0.3846i
80.0	-0.3300-0.6834i	0.2467+0.2498i	2.3953+0.5978i	0.2628-0.2761i	-0.2812-0.1356i	0.2298-0.5764i	0.0380-0.3438i	0.1498+0.4936i

2.1.90 Run 8 – VT315 – Accels 41–47

Vertical shaking at 315°. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	9.5640+0.0000i	5.4205+0.0000i	-3.2539+0.0000i	3.7698+0.0000i	4.6084+0.0000i	5.3803+0.0000i	0.6415+0.0000i
0.1	1.4557-0.1339i	0.6697+0.0077i	-0.7339-0.1852i	0.9427-0.0473i	0.5204+0.0816i	0.8166-0.5588i	0.5269+0.2861i
0.2	-0.1089-0.2192i	-0.0871-0.0235i	-0.2508-0.0728i	0.0138-0.1199i	-0.1309+0.1378i	-0.2366-0.2319i	0.1579+0.1841i
0.3	-0.0654-0.0513i	-0.0494+0.0376i	-0.0622-0.0004i	-0.0066-0.0445i	0.0199+0.0846i	0.0233+0.0016i	0.0590-0.0767i
0.4	0.0056-0.0306i	0.0043+0.0106i	-0.0055-0.0236i	0.0229-0.0112i	0.0155+0.0209i	-0.0254+0.0174i	0.0291-0.0210i
0.5	-0.0148+0.0018i	-0.0076+0.0001i	0.0130-0.0162i	-0.0132+0.0021i	0.0045-0.0002i	-0.0359-0.0001i	0.0074-0.0009i
0.6	-0.0054+0.0062i	-0.0020+0.0015i	0.0008+0.0039i	-0.0136-0.0033i	0.0144-0.0095i	-0.0176+0.0002i	0.0018-0.0049i
0.7	-0.0079+0.0022i	0.0033-0.0019i	-0.0054+0.0035i	-0.0079-0.0066i	0.0032-0.0017i	-0.0077-0.0099i	-0.0021-0.0025i
0.8	-0.0041-0.0021i	0.0019+0.0006i	-0.0075-0.0012i	-0.0044-0.0018i	-0.0019+0.0027i	-0.0086-0.0074i	-0.0034-0.0026i
0.9	0.0008-0.0032i	-0.0006+0.0003i	-0.0041+0.0030i	-0.0018-0.0011i	-0.0014+0.0005i	-0.0020-0.0041i	-0.0026-0.0036i
1.0	-0.0016+0.0006i	-0.0014-0.0019i	-0.0043+0.0079i	-0.0019+0.0012i	-0.0016-0.0011i	-0.0017+0.0027i	-0.0012-0.0006i
1.1	0.0019+0.0001i	-0.0006-0.0008i	-0.0051+0.0037i	-0.0020+0.0000i	-0.0021+0.0003i	-0.0065+0.0051i	-0.0013-0.0004i
1.2	0.0022-0.0021i	0.0008-0.0005i	-0.0067+0.0011i	-0.0019-0.0020i	-0.0054+0.0006i	-0.0046+0.0037i	-0.0028+0.0007i
1.3	0.0003-0.0026i	-0.0006-0.0008i	-0.0085-0.0009i	-0.0033-0.0030i	-0.0037-0.0005i	-0.0085-0.0008i	-0.0042-0.0025i
1.4	-0.0005-0.0031i	-0.0030-0.0015i	-0.0087-0.0019i	-0.0032-0.0020i	-0.0023-0.0004i	-0.0119-0.0032i	-0.0050-0.0025i
1.5	0.0016-0.0017i	-0.0021-0.0012i	-0.0098-0.0006i	-0.0040-0.0002i	-0.0024+0.0008i	-0.0114-0.0023i	-0.0069+0.0010i
1.6	-0.0020-0.0054i	-0.0080-0.0108i	-0.0124-0.0019i	-0.0042+0.0031i	-0.0091-0.0081i	-0.0109-0.0008i	-0.0098+0.0044i
1.7	-0.0081-0.0027i	-0.0237-0.0086i	-0.0122-0.0015i	0.0009+0.0023i	-0.0225-0.0060i	-0.0143-0.0027i	-0.0104+0.0044i
1.8	-0.0065+0.0011i	-0.0314+0.0032i	-0.0161-0.0018i	-0.0000-0.0016i	-0.0311+0.0036i	-0.0173-0.0020i	-0.0220+0.0016i
1.9	-0.0068+0.0007i	-0.0517+0.0152i	-0.0191-0.0017i	0.0003-0.0035i	-0.0502+0.0160i	-0.0220-0.0021i	-0.0396+0.0109i
2.0	-0.0068+0.0006i	-0.0721+0.0926i	-0.0190-0.0010i	0.0015-0.0119i	-0.0701+0.0876i	-0.0262+0.0011i	-0.0533+0.0699i
2.1	-0.0127-0.0001i	0.1613+0.2000i	-0.0256-0.0036i	-0.0262-0.0213i	0.1568+0.1928i	-0.0220+0.0027i	0.1291+0.1490i
2.2	-0.0156+0.0096i	0.3029-0.1369i	-0.0289-0.0007i	-0.0403+0.0164i	0.2929-0.1338i	-0.0195-0.0026i	0.2314-0.1191i
2.3	-0.0139+0.0095i	0.0234-0.2432i	-0.0288-0.0017i	-0.0154+0.0221i	0.0199-0.2355i	-0.0284-0.0045i	0.0078-0.1965i
2.4	-0.0216+0.0162i	-0.0300-0.0535i	-0.0331+0.0008i	-0.0195+0.0191i	-0.0299-0.0515i	-0.0336+0.0012i	-0.0330-0.0423i
2.5	0.0130+0.0103i	0.0008-0.0304i	-0.0321-0.0010i	0.0117+0.0121i	-0.0008-0.0301i	-0.0331-0.0002i	-0.0068-0.0252i
2.6	0.0150+0.0118i	-0.0042-0.0377i	-0.0336-0.0016i	0.0144+0.0132i	-0.0074-0.0368i	-0.0362-0.0009i	-0.0110-0.0307i
2.7	0.0141+0.0050i	-0.0192-0.0262i	-0.0365-0.0033i	0.0146+0.0066i	-0.0207-0.0261i	-0.0375-0.0015i	-0.0211-0.0207i
2.8	0.0101+0.0043i	-0.0140-0.0166i	-0.0409-0.0033i	0.0089+0.0047i	-0.0160-0.0163i	-0.0412-0.0037i	-0.0174-0.0140i
2.9	0.0067+0.0027i	-0.0094-0.0130i	-0.0471-0.0034i	0.0051+0.0050i	-0.0100-0.0117i	-0.0480-0.0025i	-0.0133-0.0103i
3.0	0.0041+0.0030i	-0.0064-0.0092i	-0.0511-0.0031i	0.0036+0.0046i	-0.0067-0.0087i	-0.0517-0.0027i	-0.0130-0.0072i
3.1	0.0042+0.0030i	-0.0037-0.0065i	-0.0533-0.0037i	0.0025+0.0039i	-0.0072-0.0054i	-0.0551-0.0030i	-0.0118-0.0076i
3.2	0.0047+0.0024i	-0.0018-0.0077i	-0.0566-0.0024i	0.0025+0.0021i	-0.0078-0.0072i	-0.0612-0.0044i	-0.0116-0.0082i
3.3	0.0052-0.0006i	-0.0059-0.0085i	-0.0649-0.0040i	-0.0006+0.0009i	-0.0068-0.0071i	-0.0692-0.0053i	-0.0130-0.0068i
3.4	0.0042+0.0018i	-0.0082-0.0101i	-0.0706-0.0031i	-0.0001+0.0037i	-0.0055-0.0104i	-0.0761-0.0044i	-0.0128-0.0076i
3.5	0.0077+0.0041i	-0.0118-0.0103i	-0.0760-0.0055i	0.0022+0.0032i	-0.0081-0.0088i	-0.0828-0.0052i	-0.0147-0.0086i
3.6	0.0117+0.0072i	-0.0174-0.0008i	-0.0840-0.0025i	0.0022+0.0020i	-0.0180+0.0022i	-0.0825-0.0060i	-0.0226-0.0023i
3.7	0.0063+0.0042i	0.0061+0.0112i	-0.0896+0.0068i	0.0030-0.0021i	0.0069+0.0148i	-0.0958-0.0023i	-0.0040+0.0069i
3.8	0.0028+0.0014i	0.0096+0.0047i	-0.0930+0.0016i	0.0039-0.0001i	0.0102+0.0043i	-0.1010-0.0004i	-0.0059+0.0034i
3.9	0.0031+0.0000i	0.0081+0.0021i	-0.0975+0.0004i	0.0021-0.0007i	0.0081+0.0006i	-0.1062-0.0011i	-0.0081+0.0006i
4.0	0.0034-0.0007i	0.0047+0.0016i	-0.1035-0.0000i	0.0015-0.0014i	0.0051+0.0002i	-0.1113-0.0008i	-0.0111-0.0002i
4.1	0.0023-0.0007i	0.0029+0.0021i	-0.1117-0.0025i	0.0010-0.0013i	0.0034+0.0014i	-0.1207-0.0018i	-0.0142+0.0010i
4.2	0.0020-0.0008i	0.0023+0.0020i	-0.1192-0.0030i	0.0003-0.0005i	0.0035+0.0018i	-0.1298-0.0032i	-0.0146+0.0014i
4.3	0.0017-0.0022i	0.0005+0.0022i	-0.1269-0.0041i	0.0005-0.0015i	0.0013+0.0020i	-0.1413-0.0029i	-0.0151+0.0014i
4.4	0.0007-0.0043i	-0.0010+0.0076i	-0.1395-0.0064i	0.0013-0.0042i	-0.0012+0.0062i	-0.1510-0.0016i	-0.0178+0.0045i
4.5	-0.0010-0.0048i	-0.0007+0.0111i	-0.1494-0.0066i	-0.0004-0.0049i	-0.0001+0.0098i	-0.1595+0.0004i	-0.0190+0.0082i
4.6	-0.0045-0.0050i	-0.0032+0.0204i	-0.1650-0.0076i	-0.0046-0.0043i	-0.0037+0.0176i	-0.1729-0.0012i	-0.0200+0.0149i
4.7	-0.0054+0.0029i	0.0058+0.0380i	-0.1808-0.0048i	-0.0049+0.0040i	0.0030+0.0347i	-0.1880+0.0009i	-0.0133+0.0287i
4.8	0.0099+0.0033i	0.0519+0.0314i	-0.1847+0.0039i	0.0102+0.0050i	0.0486+0.0280i	-0.1909+0.0071i	0.0255+0.0230i
4.9	0.0092-0.0062i	0.0596+0.0036i	-0.1940-0.0066i	0.0059-0.0055i	0.0601+0.0004i	-0.2011-0.0022i	0.0322-0.0026i
5.0	-0.0040+0.0059i	0.0154-0.0160i	-0.2340-0.0185i	-0.0043+0.0048i	0.0169-0.0205i	-0.2454-0.0128i	-0.0144-0.0201i
5.1	0.0027+0.0067i	0.0115-0.0083i	-0.2455-0.0176i	0.0059+0.0063i	0.0133-0.0151i	-0.2560-0.0075i	-0.0164-0.0149i
5.2	0.0155-0.0077i	0.0137-0.0030i	-0.2688-0.0201i	0.0202-0.0097i	0.0062-0.0157i	-0.2643-0.0014i	-0.0186-0.0176i
5.3	0.0108-0.0258i	0.0178-0.0018i	-0.2898-0.0184i	0.0134-0.0262i	0.0023-0.0100i	-0.2708-0.0072i	-0.0243-0.0148i
5.4	-0.0206-0.0305i	0.0160-0.0138i	-0.3322-0.0145i	-0.0298-0.0330i	0.0089+0.0004i	-0.3285-0.0370i	-0.0329-0.0131i
5.5	-0.0395+0.0017i	-0.0153-0.0053i	-0.3823+0.0022i	-0.0424-0.0002i	-0.0048+0.0075i	-0.4064-0.0124i	-0.0517-0.0041i
5.6	-0.0301+0.0159i	-0.0144+0.0221i	-0.4148+0.0135i	-0.0298+0.0119i	-0.0095+0.0287i	-0.4396+0.0094i	-0.0530+0.0197i

5.7	-0.0233+0.0144i	0.0076+0.0333i	-0.4457+0.0195i	-0.0237+0.0132i	0.0143+0.0345i	-0.4700+0.0212i	-0.0303+0.0294i
5.8	-0.0220+0.0141i	0.0238+0.0300i	-0.4886+0.0310i	-0.0211+0.0166i	0.0302+0.0249i	-0.5091+0.0373i	-0.0179+0.0235i
5.9	-0.0160+0.0182i	0.0402+0.0246i	-0.5268+0.0364i	-0.0127+0.0199i	0.0451+0.0195i	-0.5457+0.0440i	-0.0041+0.0177i
6.0	-0.0135+0.0158i	0.0471+0.0062i	-0.5829+0.0439i	-0.0072+0.0176i	0.0486+0.0001i	-0.5989+0.0528i	-0.0032-0.0004i
6.1	-0.0165+0.0155i	0.0406-0.0086i	-0.6592+0.0569i	-0.0091+0.0169i	0.0379-0.0141i	-0.6715+0.0639i	-0.0156-0.0134i
6.2	-0.0149+0.0194i	0.0313-0.0133i	-0.7322+0.0789i	-0.0050+0.0214i	0.0268-0.0161i	-0.7425+0.0840i	-0.0280-0.0149i
6.3	-0.0118+0.0214i	0.0241-0.0103i	-0.8297+0.1057i	0.0010+0.0242i	0.0191-0.0111i	-0.8403+0.1098i	-0.0380-0.0089i
6.4	-0.0105+0.0252i	0.0203-0.0073i	-0.9436+0.1402i	0.0064+0.0271i	0.0151-0.0084i	-0.9549+0.1436i	-0.0431-0.0038i
6.5	-0.0068+0.0268i	0.0186-0.0046i	-1.0802+0.2163i	0.0145+0.0268i	0.0144-0.0052i	-1.0914+0.2183i	-0.0461+0.0004i
6.6	-0.0040+0.0296i	0.0178-0.0010i	-1.2529+0.2704i	0.0205+0.0267i	0.0124-0.0009i	-1.2630+0.2723i	-0.0495+0.0059i
6.7	-0.0022+0.0340i	0.0190+0.0033i	-1.5061+0.3692i	0.0284+0.0281i	0.0124+0.0036i	-1.5141+0.3721i	-0.0512+0.0102i
6.8	0.0039+0.0345i	0.0225+0.0062i	-1.8134+0.5353i	0.0401+0.0254i	0.0148+0.0073i	-1.8164+0.5391i	-0.0527+0.0130i
6.9	0.0136+0.0413i	0.0266+0.0051i	-2.3223+1.0233i	0.0604+0.0192i	0.0167+0.0073i	-2.3139+1.0240i	-0.0571+0.0195i
7.0	0.0292+0.0589i	0.0272+0.0020i	-3.0181+1.9683i	0.0903+0.0118i	0.0149+0.0099i	-2.9940+1.9575i	-0.0656+0.0305i
7.1	0.0711+0.0615i	0.0181+0.0043i	-3.0481+3.8477i	0.1286-0.0296i	0.0068+0.0204i	-3.0122+3.8068i	-0.0713+0.0555i
7.2	0.1004+0.0062i	0.0285+0.0299i	-0.7363+5.2187i	0.1010-0.1117i	0.0294+0.0509i	-0.7275+5.1442i	-0.0288+0.0855i
7.3	0.0930-0.0361i	0.0766+0.0171i	1.8034+5.0466i	0.0314-0.1407i	0.0871+0.0336i	1.7709+4.9490i	0.0390+0.0627i
7.4	0.0818-0.0650i	0.0734-0.0248i	3.3317+3.8391i	-0.0107-0.1335i	0.0889-0.0143i	3.2592+3.7432i	0.0486+0.0064i
7.5	0.0532-0.0841i	0.0394-0.0251i	3.2802+2.0139i	-0.0288-0.1118i	0.0537-0.0205i	3.1868+1.9524i	0.0108-0.0160i
7.6	0.0321-0.0855i	0.0328-0.0124i	2.6506+1.1434i	-0.0319-0.0984i	0.0440-0.0110i	2.5567+1.1048i	-0.0091-0.0151i
7.7	0.0209-0.0840i	0.0360-0.0086i	2.1892+0.8242i	-0.0321-0.0910i	0.0453-0.0092i	2.0979+0.7951i	-0.0163-0.0139i
7.8	0.0115-0.0870i	0.0354-0.0095i	1.9204+0.7308i	-0.0331-0.0917i	0.0431-0.0098i	1.8313+0.7055i	-0.0245-0.0140i
7.9	0.0014-0.0952i	0.0312-0.0096i	1.8603+0.7116i	-0.0402-0.1008i	0.0371-0.0109i	1.7690+0.6907i	-0.0310-0.0140i
8.0	-0.0081-0.0996i	0.0302-0.0023i	1.8489+0.5455i	-0.0510-0.1037i	0.0363-0.0045i	1.7545+0.5293i	-0.0337-0.0122i
8.1	-0.0218-0.1068i	0.0347-0.0038i	1.7505+0.4134i	-0.0633-0.1110i	0.0407-0.0033i	1.6543+0.4002i	-0.0335-0.0138i
8.2	-0.0344-0.1122i	0.0316-0.0035i	1.7367+0.3303i	-0.0754-0.1144i	0.0375-0.0051i	1.6367+0.3196i	-0.0349-0.0182i
8.3	-0.0496-0.1160i	0.0295+0.0017i	1.7032+0.2085i	-0.0900-0.1173i	0.0359-0.0014i	1.5990+0.2022i	-0.0383-0.0225i
8.4	-0.0670-0.1154i	0.0304+0.0054i	1.6452+0.1152i	-0.1092-0.1152i	0.0368+0.0027i	1.5372+0.1138i	-0.0442-0.0251i
8.5	-0.0868-0.1120i	0.0325+0.0102i	1.6120+0.0300i	-0.1321-0.1092i	0.0389+0.0082i	1.4987+0.0308i	-0.0507-0.0265i
8.6	-0.1021-0.1055i	0.0357+0.0132i	1.6001-0.0431i	-0.1493-0.1009i	0.0424+0.0105i	1.4815-0.0401i	-0.0524-0.0279i
8.7	-0.1242-0.1036i	0.0405+0.0153i	1.6062-0.1322i	-0.1740-0.0959i	0.0471+0.0124i	1.4790-0.1245i	-0.0568-0.0314i
8.8	-0.1415-0.0874i	0.0421+0.0165i	1.6297-0.2361i	-0.1931-0.0741i	0.0500+0.0142i	1.4927-0.2241i	-0.0594-0.0330i
8.9	-0.1626-0.0691i	0.0422+0.0180i	1.6658-0.3741i	-0.2193-0.0497i	0.0498+0.0137i	1.5166-0.3547i	-0.0655-0.0353i
9.0	-0.1816-0.0503i	0.0446+0.0237i	1.6372-0.6118i	-0.2387-0.0190i	0.0519+0.0182i	1.4780-0.5732i	-0.0742-0.0398i
9.1	-0.1801-0.0251i	0.0509+0.0307i	1.5286-0.7807i	-0.2314+0.0157i	0.0596+0.0246i	1.3655-0.7283i	-0.0740-0.0396i
9.2	-0.2118-0.0033i	0.0553+0.0392i	1.6854-1.0893i	-0.2683+0.0542i	0.0680+0.0311i	1.4920-1.0127i	-0.0645-0.0490i
9.3	-0.2444+0.0347i	0.0625+0.0496i	1.6910-1.5644i	-0.2961+0.1144i	0.0763+0.0376i	1.4822-1.4442i	-0.0649-0.0702i
9.4	-0.2240+0.1238i	0.0872+0.0524i	0.9776-2.1285i	-0.2375+0.2235i	0.0955+0.0335i	0.8150-1.9413i	-0.0957-0.1016i
9.5	-0.1450+0.1725i	0.1108+0.0388i	0.0125-2.0300i	-0.1139+0.2555i	0.1084+0.0192i	-0.0707-1.8290i	-0.1399-0.1088i
9.6	-0.0655+0.1656i	0.1201+0.0199i	-0.5932-1.5228i	-0.0139+0.2156i	0.1115+0.0030i	-0.6180-1.3502i	-0.1779-0.0997i
9.7	-0.0417+0.1308i	0.1149+0.0080i	-0.6034-1.0691i	0.0028+0.1595i	0.1059-0.0057i	-0.6191-0.9325i	-0.1943-0.0831i
9.8	-0.0303+0.0960i	0.1078+0.0005i	-0.5102-0.7083i	0.0027+0.1073i	0.0990-0.0094i	-0.5295-0.6044i	-0.2097-0.0661i
9.9	-0.0250+0.0752i	0.1050-0.0021i	-0.4632-0.5133i	-0.0006+0.0792i	0.0975-0.0101i	-0.4853-0.4285i	-0.2224-0.0552i
10.0	-0.0239+0.0610i	0.1030-0.0011i	-0.3922-0.3695i	-0.0086+0.0600i	0.0955-0.0073i	-0.4209-0.3001i	-0.2339-0.0403i
10.1	-0.0258+0.0460i	0.1042+0.0012i	-0.3185-0.2584i	-0.0182+0.0446i	0.0959-0.0047i	-0.3580-0.1987i	-0.2432-0.0246i
10.2	-0.0301+0.0399i	0.1056-0.0005i	-0.2529-0.2013i	-0.0277+0.0422i	0.0975-0.0057i	-0.3030-0.1416i	-0.2454-0.0116i
10.3	-0.0357+0.0368i	0.1065-0.0008i	-0.2086-0.1531i	-0.0362+0.0391i	0.0997-0.0046i	-0.2633-0.0912i	-0.2464-0.0014i
10.4	-0.0363+0.0346i	0.1083+0.0022i	-0.1710-0.1172i	-0.0373+0.0386i	0.1003-0.0022i	-0.2230-0.0595i	-0.2442+0.0027i
10.5	-0.0363+0.0292i	0.1115+0.0098i	-0.1361-0.0769i	-0.0382+0.0342i	0.1052+0.0056i	-0.1886-0.0315i	-0.2505-0.0006i
10.6	-0.0358+0.0239i	0.1181+0.0123i	-0.0974-0.0547i	-0.0396+0.0303i	0.1107+0.0101i	-0.1609-0.0177i	-0.2681+0.0021i
10.7	-0.0374+0.0160i	0.1261+0.0112i	-0.0653-0.0442i	-0.0421+0.0233i	0.1177+0.0103i	-0.1393-0.0104i	-0.2797+0.0101i
10.8	-0.0406+0.0106i	0.1348+0.0115i	-0.0422-0.0374i	-0.0464+0.0181i	0.1262+0.0110i	-0.1257-0.0031i	-0.2840+0.0200i
10.9	-0.0454+0.0072i	0.1424+0.0132i	-0.0286-0.0340i	-0.0525+0.0159i	0.1320+0.0125i	-0.1191+0.0006i	-0.2905+0.0249i
11.0	-0.0496+0.0039i	0.1515+0.0120i	-0.0156-0.0244i	-0.0588+0.0122i	0.1390+0.0122i	-0.1142+0.0093i	-0.3008+0.0275i
11.1	-0.0550+0.0015i	0.1602+0.0076i	-0.0045-0.0191i	-0.0634+0.0105i	0.1492+0.0076i	-0.1097+0.0160i	-0.3050+0.0338i
11.2	-0.0584+0.0013i	0.1681+0.0043i	0.0043-0.0165i	-0.0679+0.0107i	0.1592+0.0065i	-0.1060+0.0190i	-0.3138+0.0394i
11.3	-0.0630+0.0009i	0.1747+0.0022i	0.0094-0.0144i	-0.0715+0.0097i	0.1669+0.0066i	-0.1082+0.0215i	-0.3264+0.0400i
11.4	-0.0677-0.0009i	0.1814-0.0027i	0.0183-0.0114i	-0.0761+0.0106i	0.1735+0.0005i	-0.1079+0.0255i	-0.3370+0.0423i
11.5	-0.0715-0.0033i	0.1882-0.0059i	0.0243-0.0077i	-0.0811+0.0087i	0.1800-0.0033i	-0.1090+0.0282i	-0.3451+0.0426i
11.6	-0.0749-0.0047i	0.1964-0.0063i	0.0292-0.0018i	-0.0863+0.0079i	0.1896-0.0030i	-0.1143+0.0313i	-0.3607+0.0404i
11.7	-0.0770-0.0039i	0.2055-0.0078i	0.0330-0.0000i	-0.0902+0.0092i	0.1983-0.0059i	-0.1209+0.0340i	-0.3776+0.0417i
11.8	-0.0808-0.0035i	0.2160-0.0126i	0.0351+0.0035i	-0.0954+0.0093i	0.2088-0.0101i	-0.1286+0.0404i	-0.3944+0.0486i
11.9	-0.0836-0.0062i	0.2267-0.0155i	0.0356+0.0073i	-0.0996+0.0097i	0.2175-0.0122i	-0.1378+0.0431i	-0.4143+0.0524i

12.0	-0.0870-0.0072i	0.2416-0.0189i	0.0354+0.0108i	-0.1053+0.0094i	0.2314-0.0153i	-0.1500+0.0468i	-0.4411+0.0514i
12.1	-0.0880-0.0083i	0.2541-0.0235i	0.0383+0.0171i	-0.1098+0.0085i	0.2446-0.0194i	-0.1588+0.0531i	-0.4630+0.0543i
12.2	-0.0907-0.0107i	0.2692-0.0324i	0.0433+0.0233i	-0.1160+0.0107i	0.2602-0.0278i	-0.1712+0.0636i	-0.4974+0.0661i
12.3	-0.0942-0.0155i	0.2839-0.0447i	0.0444+0.0298i	-0.1219+0.0129i	0.2715-0.0377i	-0.1817+0.0731i	-0.5250+0.0783i
12.4	-0.0945-0.0219i	0.2945-0.0622i	0.0472+0.0373i	-0.1270+0.0163i	0.2790-0.0541i	-0.1920+0.0834i	-0.5544+0.0887i
12.5	-0.0995-0.0311i	0.2994-0.0858i	0.0582+0.0425i	-0.1323+0.0215i	0.2859-0.0770i	-0.1968+0.0958i	-0.5848+0.1171i
12.6	-0.1075-0.0380i	0.3027-0.1014i	0.0666+0.0441i	-0.1342+0.0244i	0.2882-0.0886i	-0.2009+0.1036i	-0.6048+0.1434i
12.7	-0.1162-0.0456i	0.3027-0.1178i	0.0775+0.0460i	-0.1353+0.0272i	0.2883-0.1002i	-0.2056+0.1105i	-0.6253+0.1665i
12.8	-0.1331-0.0544i	0.2911-0.1332i	0.0869+0.0484i	-0.1352+0.0303i	0.2798-0.1122i	-0.2140+0.1168i	-0.6387+0.1876i
12.9	-0.1502-0.0582i	0.2739-0.1410i	0.0929+0.0447i	-0.1328+0.0310i	0.2650-0.1179i	-0.2238+0.1188i	-0.6390+0.2015i
13.0	-0.1682-0.0570i	0.2620-0.1334i	0.1037+0.0455i	-0.1320+0.0246i	0.2568-0.1106i	-0.2333+0.1239i	-0.6483+0.2059i
13.1	-0.1859-0.0528i	0.2601-0.1173i	0.1144+0.0358i	-0.1366+0.0161i	0.2586-0.0948i	-0.2451+0.1207i	-0.6657+0.2003i
13.2	-0.1984-0.0464i	0.2677-0.1014i	0.1149+0.0320i	-0.1425+0.0099i	0.2683-0.0799i	-0.2646+0.1247i	-0.6963+0.1900i
13.3	-0.2100-0.0395i	0.2856-0.0822i	0.1228+0.0319i	-0.1510+0.0020i	0.2850-0.0634i	-0.2824+0.1352i	-0.7439+0.1834i
13.4	-0.2202-0.0331i	0.3061-0.0691i	0.1318+0.0355i	-0.1587-0.0023i	0.3063-0.0511i	-0.2985+0.1469i	-0.7930+0.1819i
13.5	-0.2314-0.0301i	0.3321-0.0567i	0.1467+0.0357i	-0.1727-0.0089i	0.3337-0.0393i	-0.3132+0.1568i	-0.8520+0.1845i
13.6	-0.2428-0.0207i	0.3668-0.0469i	0.1671+0.0308i	-0.1914-0.0100i	0.3688-0.0273i	-0.3243+0.1668i	-0.9207+0.1966i
13.7	-0.2495-0.0128i	0.4047-0.0494i	0.1862+0.0194i	-0.2048-0.0089i	0.4075-0.0295i	-0.3344+0.1721i	-0.9847+0.2135i
13.8	-0.2567-0.0086i	0.4502-0.0561i	0.2081+0.0019i	-0.2215-0.0048i	0.4553-0.0414i	-0.3474+0.1667i	-1.0648+0.2289i
13.9	-0.2618-0.0061i	0.4927-0.0729i	0.2265-0.0166i	-0.2341+0.0003i	0.4995-0.0597i	-0.3649+0.1634i	-1.1475+0.2544i
14.0	-0.2714-0.0054i	0.5363-0.0904i	0.2439-0.0325i	-0.2478+0.0058i	0.5411-0.0785i	-0.3967+0.1598i	-1.2435+0.2812i
14.1	-0.2844-0.0035i	0.5832-0.1116i	0.2621-0.0594i	-0.2618+0.0121i	0.5852-0.1014i	-0.4338+0.1554i	-1.3507+0.3180i
14.2	-0.2930-0.0042i	0.6288-0.1331i	0.2863-0.0817i	-0.2725+0.0129i	0.6296-0.1231i	-0.4746+0.1560i	-1.4706+0.3601i
14.3	-0.3087-0.0042i	0.6777-0.1657i	0.3048-0.1163i	-0.2864+0.0159i	0.6773-0.1564i	-0.5278+0.1644i	-1.6049+0.4330i
14.4	-0.3213-0.0026i	0.7379-0.1983i	0.3417-0.1682i	-0.3052+0.0193i	0.7357-0.1895i	-0.5712+0.1708i	-1.7581+0.5217i
14.5	-0.3355-0.0020i	0.7958-0.2403i	0.3737-0.2322i	-0.3217+0.0219i	0.7902-0.2324i	-0.6137+0.1769i	-1.8980+0.6341i
14.6	-0.3553+0.0015i	0.8739-0.3170i	0.3764-0.3319i	-0.3410+0.0304i	0.8656-0.3075i	-0.6934+0.2060i	-2.0761+0.8366i
14.7	-0.3708+0.0069i	0.9118-0.3910i	0.3502-0.4046i	-0.3578+0.0367i	0.9007-0.3765i	-0.7462+0.2410i	-2.1606+1.0122i
14.8	-0.3991+0.0114i	0.9486-0.4949i	0.2797-0.5043i	-0.3843+0.0459i	0.9359-0.4740i	-0.8124+0.2835i	-2.2299+1.2384i
14.9	-0.4264+0.0219i	0.9701-0.5810i	0.1828-0.5292i	-0.4112+0.0657i	0.9555-0.5548i	-0.8925+0.3179i	-2.2824+1.3781i
15.0	-0.4351+0.0433i	0.9842-0.6289i	0.1596-0.4891i	-0.4154+0.0993i	0.9706-0.6026i	-0.9765+0.3514i	-2.4202+1.4514i
15.1	-0.4441+0.0586i	1.0601-0.6991i	0.2239-0.4809i	-0.4018+0.1290i	1.0432-0.6728i	-1.1076+0.4082i	-2.7384+1.6170i
15.2	-0.4489+0.0530i	1.1289-0.7488i	0.2884-0.5133i	-0.3872+0.1211i	1.1098-0.7216i	-1.2106+0.4589i	-3.0093+1.7672i
15.3	-0.4619+0.0393i	1.2573-0.8507i	0.3741-0.6227i	-0.3908+0.0920i	1.2314-0.8218i	-1.3605+0.5747i	-3.4272+2.1376i
15.4	-0.4870+0.0215i	1.5014-1.0572i	0.5377-0.8324i	-0.4194+0.0550i	1.4608-1.0221i	-1.5429+0.7830i	-4.0948+2.8389i
15.5	-0.5144+0.0053i	1.6654-1.3953i	0.6109-1.1321i	-0.4527+0.0305i	1.6132-1.3450i	-1.6689+1.0393i	-4.5156+3.8295i
15.6	-0.5533-0.0139i	1.6756-1.9074i	0.5342-1.5650i	-0.4989+0.0116i	1.6203-1.8280i	-1.6814+1.4130i	-4.4858+5.3014i
15.7	-0.6139-0.0380i	1.3845-2.5635i	0.1805-2.0823i	-0.5795-0.0130i	1.3448-2.4463i	-1.4578+1.8824i	-3.5622+7.1373i
15.8	-0.6941-0.0775i	0.8483-3.1270i	-0.3927-2.5744i	-0.6643-0.0401i	0.8404-2.9779i	-1.0999+2.1689i	-1.9856+8.6542i
15.9	-0.8231-0.0877i	0.0670-3.3254i	-1.2107-2.6904i	-0.7880-0.0251i	0.1063-3.1628i	-0.6755+2.1935i	0.2508+9.0933i
16.0	-0.9945-0.0693i	-0.7785-3.1020i	-2.1370-2.4443i	-0.9316+0.0186i	-0.6907-2.9521i	-0.4080+1.9427i	2.5130+8.3467i
16.1	-1.1367-0.0153i	-1.2552-2.7328i	-2.6910-2.0447i	-1.0410+0.0792i	-1.1360-2.6070i	-0.3783+1.7109i	3.6815+7.2589i
16.2	-1.3023+0.1023i	-1.5231-2.2340i	-3.1314-1.4395i	-1.1745+0.1820i	-1.3886-2.1423i	-0.5465+1.5846i	4.2904+5.9157i
16.3	-1.4755+0.2487i	-1.6261-1.7688i	-3.4564-0.8375i	-1.3199+0.3095i	-1.4836-1.7096i	-0.8025+1.5923i	4.4618+4.7754i
16.4	-1.5895+0.4465i	-1.4949-1.4775i	-3.4922-0.2741i	-1.4234+0.4813i	-1.3589-1.4417i	-1.0075+1.8012i	4.1278+4.0849i
16.5	-1.7150+0.7394i	-1.3236-1.1454i	-3.5554+0.4770i	-1.5425+0.7321i	-1.2052-1.1404i	-1.1757+2.2298i	3.8269+3.4148i
16.6	-1.7976+1.0316i	-1.1243-0.9971i	-3.5071+1.0569i	-1.6312+0.9869i	-1.0282-1.0098i	-1.1842+2.6579i	3.5392+3.1556i
16.7	-1.8356+1.4459i	-0.9173-1.0621i	-3.2908+1.7233i	-1.6949+1.3701i	-0.8413-1.0743i	-0.9976+3.2206i	3.3036+3.2213i
16.8	-1.7043+1.8557i	-0.8760-1.2375i	-2.8723+2.3367i	-1.5972+1.7775i	-0.8089-1.2379i	-0.5664+3.7343i	3.3929+3.3481i
16.9	-1.3502+2.2532i	-1.0019-1.2938i	-2.1936+2.7411i	-1.2624+2.1778i	-0.9445-1.2841i	0.2121+4.0046i	3.7856+3.1831i
17.0	-0.9297+2.5237i	-1.1162-1.2669i	-1.4869+2.8666i	-0.8580+2.4565i	-1.0586-1.2511i	1.0388+3.9416i	4.0212+2.8534i
17.1	-0.6192+2.6411i	-1.2228-1.2896i	-1.0877+2.8385i	-0.5570+2.5848i	-1.1539-1.2676i	1.3808+3.6784i	4.0890+2.7060i
17.2	-0.1263+2.7846i	-1.4024-1.1839i	-0.6337+2.8048i	-0.0635+2.7314i	-1.3276-1.1701i	1.7782+3.5180i	4.3626+2.4100i
17.3	0.3439+2.5852i	-1.4286-0.9751i	-0.2663+2.4734i	0.4052+2.5368i	-1.3573-0.9686i	2.1835+3.0614i	4.3604+1.9041i
17.4	0.6461+2.3223i	-1.3718-0.8728i	-0.1325+2.2525i	0.7006+2.2746i	-1.3046-0.8634i	2.3445+2.6173i	4.2027+1.5345i
17.5	0.8219+2.1602i	-1.3824-0.8409i	0.0189+2.1724i	0.8791+2.1137i	-1.3149-0.8307i	2.4069+2.3587i	4.0873+1.3822i
17.6	1.0584+1.9430i	-1.4389-0.7521i	0.2902+2.0262i	1.1152+1.9009i	-1.3679-0.7446i	2.5451+2.0713i	4.0469+1.1845i
17.7	1.1681+1.6966i	-1.4130-0.6745i	0.3859+1.8599i	1.2194+1.6568i	-1.3439-0.6647i	2.5793+1.8129i	3.9728+1.0053i
17.8	1.2301+1.4516i	-1.3900-0.6186i	0.4628+1.7047i	1.2799+1.4126i	-1.3236-0.6091i	2.5762+1.5189i	3.8743+0.8329i
17.9	1.2418+1.2872i	-1.3881-0.5913i	0.5340+1.6129i	1.2913+1.2471i	-1.3214-0.5803i	2.5376+1.3215i	3.7929+0.7151i
18.0	1.2364+1.0852i	-1.3920-0.5396i	0.6071+1.4310i	1.2848+1.0492i	-1.3238-0.5278i	2.4677+1.0709i	3.7004+0.5920i
18.1	1.1973+0.9334i	-1.3977-0.4919i	0.6286+1.2675i	1.2458+0.9011i	-1.3255-0.4791i	2.3845+0.8948i	3.6388+0.5067i
18.2	1.1229+0.7855i	-1.3795-0.4365i	0.5934+1.1034i	1.1748+0.7551i	-1.3033-0.4221i	2.2474+0.7026i	3.5392+0.3917i

18.3	1.0591+0.6998i	-1.3685-0.4007i	0.5405+1.0156i	1.1114+0.6718i	-1.2877-0.3879i	2.1155+0.5969i	3.4587+0.3189i
18.4	1.0082+0.6433i	-1.3598-0.3673i	0.4857+0.9665i	1.0629+0.6157i	-1.2753-0.3574i	2.0108+0.5466i	3.4119+0.2589i
18.5	0.9527+0.6148i	-1.3509-0.3400i	0.4255+0.9735i	1.0137+0.5856i	-1.2646-0.3318i	1.9223+0.5367i	3.3803+0.2065i
18.6	0.9492+0.5692i	-1.3510-0.3132i	0.4778+1.0357i	1.0141+0.5352i	-1.2654-0.3057i	1.9185+0.5047i	3.3501+0.0873i
18.7	0.9274+0.4895i	-1.3465-0.3013i	0.5668+0.9667i	0.9874+0.4545i	-1.2583-0.2913i	1.8916+0.3833i	3.2672-0.0010i
18.8	0.8596+0.4204i	-1.3455-0.2794i	0.5963+0.8559i	0.9132+0.3816i	-1.2533-0.2656i	1.7544+0.2887i	3.1393-0.0569i
18.9	0.8002+0.3875i	-1.3445-0.2585i	0.5782+0.7711i	0.8553+0.3516i	-1.2476-0.2452i	1.6553+0.2703i	3.0671-0.0654i
19.0	0.7493+0.3791i	-1.3521-0.2417i	0.5565+0.7178i	0.8038+0.3462i	-1.2506-0.2331i	1.5796+0.2826i	3.0181-0.0699i
19.1	0.7088+0.3684i	-1.3621-0.2375i	0.5343+0.6683i	0.7636+0.3364i	-1.2537-0.2322i	1.5319+0.2890i	2.9937-0.0814i
19.2	0.6759+0.3546i	-1.3697-0.2363i	0.5096+0.6202i	0.7310+0.3241i	-1.2576-0.2324i	1.5016+0.2930i	2.9928-0.0927i
19.3	0.6408+0.3489i	-1.4008-0.2354i	0.4847+0.5786i	0.6989+0.3220i	-1.2843-0.2321i	1.4709+0.2981i	2.9813-0.1059i
19.4	0.6058+0.3415i	-1.4397-0.2265i	0.4582+0.5410i	0.6646+0.3166i	-1.3179-0.2265i	1.4429+0.2843i	2.9639-0.1402i
19.5	0.5848+0.3477i	-1.4685-0.2101i	0.4365+0.5189i	0.6469+0.3214i	-1.3410-0.2131i	1.4261+0.2795i	2.9791-0.1752i
19.6	0.5588+0.3507i	-1.5280-0.1921i	0.4188+0.5052i	0.6249+0.3248i	-1.3942-0.2002i	1.4161+0.2789i	2.9630-0.2218i
19.7	0.5253+0.3619i	-1.5877-0.1509i	0.3838+0.4671i	0.5967+0.3368i	-1.4494-0.1646i	1.3885+0.2549i	2.9530-0.2393i
19.8	0.5127+0.3740i	-1.6333-0.1051i	0.3591+0.4536i	0.5892+0.3469i	-1.4881-0.1262i	1.3731+0.2437i	2.9555-0.2767i
19.9	0.4943+0.3916i	-1.6949-0.0534i	0.3353+0.4404i	0.5738+0.3631i	-1.5454-0.0819i	1.3427+0.2343i	2.9264-0.3060i
20.0	0.4789+0.4099i	-1.7618+0.0073i	0.3088+0.4250i	0.5616+0.3788i	-1.6049-0.0284i	1.3147+0.2276i	2.9187-0.3181i
20.1	0.4810+0.4243i	-1.8355+0.0563i	0.2844+0.4091i	0.5662+0.3937i	-1.6740+0.0167i	1.2933+0.2252i	2.9385-0.3255i
20.2	0.4674+0.4429i	-1.9020+0.1501i	0.2600+0.3972i	0.5560+0.4092i	-1.7334+0.1009i	1.2782+0.2245i	2.9523-0.3494i
20.3	0.4745+0.4590i	-1.9471+0.2609i	0.2408+0.4041i	0.5676+0.4205i	-1.7737+0.2023i	1.2742+0.2324i	2.9778-0.3994i
20.4	0.4791+0.4754i	-2.0378+0.3743i	0.2209+0.3994i	0.5768+0.4357i	-1.8565+0.3077i	1.2735+0.2317i	3.0330-0.4333i
20.5	0.4810+0.5009i	-2.1006+0.5135i	0.1976+0.4004i	0.5852+0.4570i	-1.9129+0.4323i	1.2705+0.2395i	3.0833-0.4886i
20.6	0.4920+0.5172i	-2.1202+0.6984i	0.1770+0.4148i	0.6010+0.4627i	-1.9297+0.5966i	1.2729+0.2374i	3.1206-0.6154i
20.7	0.5200+0.5317i	-2.1037+0.9050i	0.1598+0.4283i	0.6294+0.4696i	-1.9115+0.7811i	1.2761+0.2202i	3.1260-0.7622i
20.8	0.5564+0.5388i	-2.0459+1.0912i	0.1590+0.4398i	0.6638+0.4716i	-1.8597+0.9455i	1.2816+0.1977i	3.0953-0.8831i
20.9	0.5862+0.5345i	-1.9232+1.2577i	0.1691+0.4387i	0.6851+0.4623i	-1.7489+1.0973i	1.2791+0.1775i	3.0087-0.9627i
21.0	0.6103+0.5315i	-1.8090+1.4471i	0.1601+0.4399i	0.7066+0.4553i	-1.6494+1.2687i	1.2690+0.1605i	2.9412-1.0438i
21.1	0.6221+0.5194i	-1.7327+1.5263i	0.1425+0.4421i	0.7192+0.4431i	-1.5798+1.3364i	1.2542+0.1562i	2.9111-1.0901i
21.2	0.6400+0.5064i	-1.5774+1.5832i	0.1319+0.4404i	0.7375+0.4298i	-1.4395+1.3888i	1.2377+0.1535i	2.8573-1.0975i
21.3	0.6566+0.4960i	-1.3526+1.6144i	0.1283+0.4508i	0.7546+0.4195i	-1.2365+1.4199i	1.2248+0.1657i	2.7795-1.0850i
21.4	0.6724+0.4779i	-1.2109+1.6673i	0.1315+0.4500i	0.7709+0.4029i	-1.1070+1.4690i	1.2307+0.1612i	2.7447-1.1083i
21.5	0.6853+0.4597i	-1.0839+1.6686i	0.1206+0.4482i	0.7883+0.3857i	-0.9906+1.4676i	1.2288+0.1564i	2.7401-1.1154i
21.6	0.6891+0.4507i	-0.9406+1.6715i	0.1159+0.4551i	0.7961+0.3748i	-0.8606+1.4692i	1.2209+0.1528i	2.7100-1.1351i
21.7	0.6929+0.4355i	-0.8930+1.6338i	0.1103+0.4645i	0.8080+0.3541i	-0.8156+1.4358i	1.2363+0.1510i	2.7546-1.1523i
21.8	0.6882+0.4214i	-0.8748+1.5939i	0.0857+0.4722i	0.8129+0.3371i	-0.7935+1.3996i	1.2376+0.1505i	2.8376-1.1676i
21.9	0.6861+0.4095i	-0.8887+1.6080i	0.0743+0.4695i	0.8244+0.3178i	-0.8019+1.4080i	1.2504+0.1282i	2.9243-1.2341i
22.0	0.6838+0.4037i	-0.9127+1.5730i	0.0764+0.4789i	0.8337+0.3027i	-0.8208+1.3730i	1.2730+0.1207i	3.0179-1.2833i
22.1	0.6817+0.3960i	-0.9025+1.5950i	0.0802+0.4880i	0.8398+0.2814i	-0.8092+1.3894i	1.2904+0.1047i	3.0719-1.3866i
22.2	0.6785+0.4007i	-0.8541+1.6700i	0.0790+0.5075i	0.8453+0.2659i	-0.7638+1.4482i	1.2912+0.0823i	3.0908-1.5464i
22.3	0.6667+0.4122i	-0.9429+1.8012i	0.0694+0.5356i	0.8441+0.2469i	-0.8407+1.5566i	1.3025+0.0521i	3.2030-1.7935i
22.4	0.6631+0.4262i	-0.9345+1.9495i	0.0679+0.5511i	0.8430+0.2273i	-0.8332+1.6815i	1.3033+0.0114i	3.2340-2.0673i
22.5	0.6667+0.4446i	-0.8903+2.1211i	0.0793+0.5749i	0.8444+0.2088i	-0.7978+1.8253i	1.2963-0.0238i	3.2079-2.3571i
22.6	0.6837+0.4751i	-0.7838+2.4115i	0.1053+0.6098i	0.8384+0.1938i	-0.7071+2.0725i	1.2847-0.0616i	3.0493-2.7793i
22.7	0.7209+0.4986i	-0.5296+2.6966i	0.1520+0.6313i	0.8300+0.1798i	-0.4907+2.3167i	1.2531-0.1037i	2.7078-3.1587i
22.8	0.7707+0.5096i	-0.0980+2.8366i	0.2106+0.6210i	0.8207+0.1719i	-0.1207+2.4374i	1.2046-0.1221i	2.1776-3.3308i
22.9	0.8175+0.5065i	0.3217+2.8623i	0.2528+0.5933i	0.8121+0.1655i	0.2394+2.4596i	1.1585-0.1283i	1.6711-3.3710i
23.0	0.8767+0.4789i	0.8333+2.6601i	0.2974+0.5481i	0.8119+0.1696i	0.6818+2.2860i	1.1131-0.0965i	1.0847-3.1320i
23.1	0.9322+0.4477i	1.2062+2.4392i	0.3486+0.4940i	0.8235+0.1772i	1.0008+2.0983i	1.0943-0.0708i	0.6388-2.8401i
23.2	0.9635+0.3987i	1.4226+2.1020i	0.3593+0.4217i	0.8307+0.1722i	1.1860+1.8063i	1.0822-0.0507i	0.3929-2.4442i
23.3	0.9643+0.3520i	1.4362+1.7924i	0.3244+0.3728i	0.8359+0.1594i	1.1984+1.5401i	1.0896-0.0426i	0.4296-2.1160i
23.4	0.9746+0.3003i	1.5125+1.4803i	0.3016+0.3110i	0.8415+0.1475i	1.2673+1.2735i	1.0892-0.0297i	0.3817-1.7539i
23.5	0.9690+0.2664i	1.5086+1.2575i	0.2556+0.2710i	0.8457+0.1351i	1.2668+1.0799i	1.0951-0.0191i	0.4543-1.5245i
23.6	0.9632+0.2286i	1.4992+1.0313i	0.2093+0.2245i	0.8518+0.1252i	1.2594+0.8877i	1.1040-0.0127i	0.5331-1.2690i
23.7	0.9520+0.2038i	1.4275+0.8646i	0.1670+0.2083i	0.8550+0.1134i	1.1982+0.7404i	1.1137-0.0120i	0.6635-1.1138i
23.8	0.9391+0.1780i	1.3586+0.6747i	0.1147+0.1927i	0.8559+0.0994i	1.1388+0.5769i	1.1278-0.0074i	0.7814-0.9525i
23.9	0.9203+0.1571i	1.2588+0.5516i	0.0609+0.1816i	0.8526+0.0879i	1.0523+0.4684i	1.1390-0.0109i	0.9327-0.8549i
24.0	0.9118+0.1417i	1.1891+0.4740i	0.0269+0.1729i	0.8519+0.0773i	0.9948+0.4017i	1.1436-0.0138i	1.0378-0.7945i
24.1	0.9015+0.1327i	1.1035+0.3969i	-0.0055+0.1776i	0.8501+0.0708i	0.9175+0.3318i	1.1520-0.0184i	1.1342-0.7614i
24.2	0.8937+0.1301i	1.0157+0.3264i	-0.0396+0.1821i	0.8550+0.0692i	0.8421+0.2701i	1.1651-0.0141i	1.2442-0.7177i
24.3	0.8836+0.1137i	0.9342+0.2615i	-0.0986+0.1801i	0.8542+0.0596i	0.7697+0.2149i	1.1794-0.0209i	1.3755-0.6544i
24.4	0.8758+0.1088i	0.8959+0.2391i	-0.1373+0.1791i	0.8547+0.0554i	0.7368+0.1959i	1.1864-0.0296i	1.4621-0.6425i
24.5	0.8728+0.1130i	0.8478+0.2180i	-0.1793+0.1922i	0.8589+0.0559i	0.6966+0.1775i	1.2025-0.0323i	1.5560-0.6455i

24.6	0.8740+0.1107i	0.7675+0.1802i	-0.2201+0.2150i	0.8613+0.0498i	0.6257+0.1438i	1.2241-0.0415i	1.6608-0.6666i
24.7	0.8762+0.1014i	0.7365+0.1685i	-0.2532+0.2207i	0.8722+0.0405i	0.5996+0.1330i	1.2400-0.0526i	1.7505-0.6636i
24.8	0.8811+0.0909i	0.6872+0.1536i	-0.2939+0.2259i	0.8839+0.0300i	0.5566+0.1223i	1.2610-0.0678i	1.8491-0.6757i
24.9	0.8818+0.0743i	0.6335+0.1175i	-0.3467+0.2429i	0.8867+0.0093i	0.5062+0.0900i	1.2835-0.0847i	1.9623-0.6854i
25.0	0.8822+0.0590i	0.6011+0.1060i	-0.3917+0.2601i	0.8926-0.0086i	0.4751+0.0817i	1.3012-0.1147i	2.0555-0.7262i
25.1	0.8778+0.0466i	0.5719+0.0930i	-0.4483+0.2791i	0.8921-0.0274i	0.4518+0.0718i	1.3146-0.1422i	2.1541-0.7602i
25.2	0.8672+0.0320i	0.5248+0.0717i	-0.5194+0.3114i	0.8865-0.0478i	0.4098+0.0516i	1.3316-0.1720i	2.2804-0.8100i
25.3	0.8580+0.0247i	0.4990+0.0713i	-0.5720+0.3354i	0.8790-0.0564i	0.3892+0.0517i	1.3408-0.1909i	2.3666-0.8467i
25.4	0.8480+0.0185i	0.4687+0.0758i	-0.6302+0.3939i	0.8706-0.0651i	0.3636+0.0543i	1.3508-0.2156i	2.4680-0.9314i
25.5	0.8391+0.0108i	0.4256+0.0715i	-0.6904+0.4693i	0.8620-0.0780i	0.3252+0.0526i	1.3609-0.2480i	2.5795-1.0443i
25.6	0.8272+0.0075i	0.3979+0.0663i	-0.7395+0.5428i	0.8540-0.0837i	0.3016+0.0461i	1.3573-0.2824i	2.6538-1.1505i
25.7	0.8145+0.0072i	0.3631+0.0652i	-0.7991+0.6237i	0.8423-0.0859i	0.2713+0.0450i	1.3623-0.3168i	2.7589-1.2651i
25.8	0.8047+0.0130i	0.3438+0.0739i	-0.8381+0.7206i	0.8344-0.0846i	0.2544+0.0508i	1.3634-0.3484i	2.8301-1.3959i
25.9	0.7988+0.0211i	0.3048+0.0918i	-0.8630+0.8342i	0.8334-0.0840i	0.2202+0.0676i	1.3596-0.3757i	2.8917-1.5485i
26.0	0.8000+0.0218i	0.2790+0.1023i	-0.8851+0.9553i	0.8354-0.0905i	0.1979+0.0776i	1.3663-0.4088i	2.9575-1.7110i
26.1	0.7969+0.0221i	0.2727+0.1211i	-0.8921+1.0721i	0.8342-0.0952i	0.1942+0.0945i	1.3685-0.4345i	2.9907-1.8657i
26.2	0.7890+0.0295i	0.2608+0.1597i	-0.8424+1.2545i	0.8210-0.1016i	0.1857+0.1290i	1.3728-0.4610i	2.9864-2.0864i
26.3	0.7840+0.0482i	0.2894+0.1833i	-0.7191+1.3942i	0.8087-0.0915i	0.2074+0.1516i	1.3752-0.5025i	2.9241-2.2916i
26.4	0.7871+0.0694i	0.3057+0.1926i	-0.6070+1.4729i	0.8016-0.0763i	0.2240+0.1602i	1.3809-0.5265i	2.8581-2.4263i
26.5	0.8032+0.0808i	0.3340+0.1950i	-0.4530+1.5281i	0.8012-0.0643i	0.2524+0.1612i	1.3968-0.5713i	2.7729-2.5778i
26.6	0.8188+0.0831i	0.3500+0.1537i	-0.3464+1.5077i	0.8045-0.0548i	0.2677+0.1223i	1.4130-0.6381i	2.7334-2.6886i
26.7	0.8320+0.0938i	0.3382+0.1155i	-0.2925+1.4771i	0.8128-0.0382i	0.2581+0.0862i	1.4046-0.6968i	2.6975-2.7869i
26.8	0.8561+0.0932i	0.3203+0.1020i	-0.2596+1.4614i	0.8332-0.0319i	0.2407+0.0732i	1.3996-0.7515i	2.6677-2.9123i
26.9	0.8681+0.0832i	0.2891+0.0837i	-0.2415+1.4445i	0.8449-0.0373i	0.2118+0.0565i	1.3884-0.7993i	2.6332-3.0099i
27.0	0.8693+0.0803i	0.2540+0.0858i	-0.2391+1.4689i	0.8476-0.0353i	0.1806+0.0571i	1.3741-0.8785i	2.6116-3.2070i
27.1	0.8735+0.0860i	0.2349+0.0976i	-0.2345+1.5114i	0.8523-0.0259i	0.1620+0.0672i	1.3588-0.9601i	2.5674-3.4122i
27.2	0.8836+0.0987i	0.2096+0.1137i	-0.2286+1.5900i	0.8607-0.0136i	0.1406+0.0791i	1.3234-1.0586i	2.4807-3.6829i
27.3	0.9056+0.1073i	0.1956+0.1396i	-0.1604+1.6905i	0.8793-0.0003i	0.1266+0.1007i	1.2367-1.1716i	2.2542-3.9977i
27.4	0.9314+0.1162i	0.1977+0.1760i	-0.0555+1.7649i	0.9050+0.0108i	0.1275+0.1332i	1.1223-1.2501i	1.9351-4.2229i
27.5	0.9583+0.1247i	0.2028+0.2107i	0.0613+1.8411i	0.9359+0.0206i	0.1306+0.1623i	0.9971-1.3295i	1.5798-4.4508i
27.6	0.9860+0.1326i	0.2128+0.2294i	0.1912+1.8848i	0.9645+0.0327i	0.1383+0.1763i	0.8648-1.3813i	1.2015-4.5841i
27.7	1.0276+0.1296i	0.2338+0.2547i	0.3676+1.8814i	1.0027+0.0321i	0.1527+0.1963i	0.7040-1.3875i	0.7209-4.5785i
27.8	1.0738+0.1171i	0.2635+0.2715i	0.5298+1.8379i	1.0448+0.0255i	0.1755+0.2098i	0.5559-1.3610i	0.2849-4.4750i
27.9	1.1156+0.0965i	0.3020+0.2735i	0.6714+1.7517i	1.0878+0.0098i	0.2057+0.2094i	0.4214-1.2915i	-0.0997-4.2552i
28.0	1.1494+0.0691i	0.3261+0.2586i	0.7674+1.6500i	1.1190-0.0146i	0.2219+0.1985i	0.3274-1.2102i	-0.3697-4.0071i
28.1	1.1843+0.0236i	0.3599+0.2392i	0.8496+1.5230i	1.1562-0.0554i	0.2456+0.1838i	0.2358-1.1183i	-0.6147-3.7098i
28.2	1.2038-0.0261i	0.3837+0.2162i	0.8959+1.3673i	1.1752-0.0959i	0.2621+0.1706i	0.1822-0.9919i	-0.7705-3.3237i
28.3	1.2155-0.0683i	0.4021+0.1993i	0.9377+1.2351i	1.1879-0.1247i	0.2743+0.1600i	0.1351-0.8990i	-0.9116-2.9949i
28.4	1.2141-0.0950i	0.4085+0.1868i	0.9286+1.1330i	1.1934-0.1424i	0.2801+0.1530i	0.1156-0.8277i	-0.9298-2.7330i
28.5	1.2215-0.1200i	0.4140+0.1759i	0.8862+1.0306i	1.2088-0.1603i	0.2845+0.1458i	0.1192-0.7457i	-0.8670-2.4724i
28.6	1.2435-0.1641i	0.4219+0.1567i	0.8426+0.9030i	1.2387-0.1855i	0.2912+0.1349i	0.1291-0.6341i	-0.8012-2.1333i
28.7	1.2528-0.2052i	0.4243+0.1400i	0.8073+0.8311i	1.2593-0.2142i	0.2928+0.1251i	0.1237-0.5685i	-0.7539-1.9241i
28.8	1.2469-0.2449i	0.4231+0.1272i	0.7332+0.7681i	1.2691-0.2453i	0.2927+0.1212i	0.1605-0.5118i	-0.6048-1.7511i
28.9	1.2388-0.2887i	0.4246+0.1157i	0.6624+0.7149i	1.2812-0.2755i	0.2979+0.1135i	0.1998-0.4589i	-0.4539-1.5906i
29.0	1.2306-0.3267i	0.4330+0.0960i	0.6110+0.6680i	1.2933-0.3081i	0.3103+0.0990i	0.2124-0.4088i	-0.3613-1.4427i
29.1	1.2245-0.3668i	0.4335+0.0851i	0.5506+0.6255i	1.3074-0.3425i	0.3149+0.0913i	0.2281-0.3669i	-0.2536-1.3124i
29.2	1.2061-0.4032i	0.4427+0.0689i	0.4829+0.6155i	1.3210-0.3822i	0.3237+0.0801i	0.2612-0.3284i	-0.1119-1.2279i
29.3	1.1889-0.4358i	0.4454+0.0508i	0.4080+0.6177i	1.3267-0.4229i	0.3267+0.0681i	0.3111-0.3010i	0.0556-1.1709i
29.4	1.1788-0.4717i	0.4518+0.0400i	0.3470+0.6171i	1.3370-0.4611i	0.3352+0.0585i	0.3401-0.2727i	0.1905-1.1109i
29.5	1.1426-0.4951i	0.4413+0.0229i	0.2860+0.6289i	1.3228-0.5000i	0.3320+0.0423i	0.3776-0.2573i	0.3441-1.0978i
29.6	1.1079-0.5183i	0.4492+0.0153i	0.2312+0.6329i	1.3143-0.5324i	0.3409+0.0389i	0.3989-0.2358i	0.4526-1.0683i
29.7	1.0833-0.5441i	0.4478+0.0096i	0.1825+0.6536i	1.3126-0.5674i	0.3450+0.0346i	0.4342-0.2147i	0.5818-1.0503i
29.8	1.0527-0.5573i	0.4438+0.0045i	0.1445+0.6875i	1.3039-0.5991i	0.3469+0.0273i	0.4701-0.2076i	0.7072-1.0756i
29.9	1.0211-0.5773i	0.4621-0.0138i	0.1007+0.7126i	1.3047-0.6355i	0.3672+0.0118i	0.5143-0.1910i	0.8417-1.0713i
30.0	0.9834-0.5836i	0.4643-0.0304i	0.0533+0.7438i	1.2918-0.6648i	0.3749-0.0032i	0.5607-0.1779i	0.9911-1.0970i
30.1	0.9507-0.5906i	0.4624-0.0471i	0.0281+0.7768i	1.2776-0.7005i	0.3760-0.0169i	0.6027-0.1692i	1.1097-1.1491i
30.2	0.9143-0.5832i	0.4563-0.0678i	0.0091+0.7998i	1.2546-0.7207i	0.3724-0.0398i	0.6385-0.1666i	1.2069-1.1976i
30.3	0.8733-0.5788i	0.4508-0.0764i	-0.0033+0.8272i	1.2273-0.7464i	0.3698-0.0533i	0.6781-0.1617i	1.3037-1.2655i
30.4	0.8461-0.5706i	0.4582-0.0957i	-0.0268+0.8515i	1.2156-0.7728i	0.3787-0.0730i	0.7303-0.1682i	1.3907-1.3418i
30.5	0.8239-0.5509i	0.4627-0.1133i	-0.0637+0.8774i	1.1998-0.7843i	0.3878-0.0866i	0.7857-0.1667i	1.4752-1.3914i
30.6	0.7967-0.5437i	0.4732-0.1335i	-0.0978+0.9160i	1.1873-0.7985i	0.4002-0.1024i	0.8557-0.1873i	1.5810-1.4330i
30.7	0.7664-0.5245i	0.4801-0.1355i	-0.1166+0.9553i	1.1764-0.8209i	0.4119-0.1107i	0.9265-0.2221i	1.6941-1.5404i
30.8	0.7263-0.4951i	0.4972-0.1542i	-0.1454+0.9991i	1.1604-0.8371i	0.4353-0.1322i	0.9946-0.2708i	1.8095-1.6540i

30.9	0.7067-0.4717i	0.5135-0.1824i	-0.1665+1.0443i	1.1604-0.8543i	0.4488-0.1613i	1.0475-0.3147i	1.9049-1.7565i
31.0	0.6870-0.4437i	0.5101-0.2225i	-0.1725+1.0962i	1.1580-0.8917i	0.4472-0.2032i	1.0922-0.3787i	2.0034-1.8851i
31.1	0.6658-0.3936i	0.5037-0.2630i	-0.1823+1.1461i	1.1291-0.9232i	0.4460-0.2537i	1.1426-0.4787i	2.0824-2.0991i
31.2	0.6503-0.3430i	0.5079-0.3032i	-0.1799+1.1933i	1.1033-0.9354i	0.4508-0.2973i	1.1623-0.5730i	2.1029-2.2669i
31.3	0.6562-0.2854i	0.4962-0.3334i	-0.1949+1.2221i	1.0783-0.9388i	0.4360-0.3381i	1.1748-0.6511i	2.1208-2.4232i
31.4	0.6619-0.2252i	0.4839-0.3682i	-0.2043+1.2585i	1.0609-0.9562i	0.4226-0.3806i	1.1811-0.7311i	2.1470-2.6028i
31.5	0.6843-0.1620i	0.4503-0.4055i	-0.2145+1.2960i	1.0300-0.9823i	0.3843-0.4283i	1.1843-0.8195i	2.1362-2.8297i
31.6	0.7290-0.1042i	0.4175-0.4442i	-0.2231+1.3636i	1.0071-0.9780i	0.3432-0.4734i	1.1540-0.9238i	2.0828-3.0330i
31.7	0.7824-0.0328i	0.3946-0.4863i	-0.2470+1.4373i	0.9881-0.9855i	0.3065-0.5234i	1.1294-1.0275i	2.0370-3.2471i
31.8	0.8287-0.0124i	0.3720-0.5113i	-0.2611+1.5025i	0.9699-0.9807i	0.2745-0.5447i	1.1001-1.1015i	1.9664-3.3709i
31.9	0.8962+0.0104i	0.3331-0.5328i	-0.2580+1.5911i	0.9443-0.9901i	0.2211-0.5657i	1.0477-1.1969i	1.8528-3.5800i
32.0	0.9468+0.0671i	0.3070-0.5897i	-0.2524+1.6880i	0.9380-1.0084i	0.1863-0.6245i	1.0025-1.2822i	1.7844-3.7842i
32.1	1.0610+0.0789i	0.2423-0.6055i	-0.2283+1.8024i	0.8878-0.9977i	0.0955-0.6309i	0.9357-1.3720i	1.5551-3.9907i
32.2	1.1461+0.0726i	0.1914-0.6095i	-0.2021+1.8973i	0.8541-0.9616i	0.0296-0.6173i	0.8747-1.4393i	1.3809-4.0800i
32.3	1.2453+0.1037i	0.0939-0.6466i	-0.1025+2.0275i	0.8211-0.9766i	-0.0751-0.6483i	0.7531-1.5392i	1.1692-4.3523i
32.4	1.3311+0.1009i	0.0198-0.6636i	-0.0098+2.1615i	0.7926-0.9490i	-0.1573-0.6476i	0.6459-1.6286i	0.9334-4.5120i
32.5	1.3917+0.0266i	-0.0037-0.6071i	0.0661+2.2172i	0.8010-0.8710i	-0.1813-0.5631i	0.5629-1.6527i	0.7099-4.4445i
32.6	1.4426-0.0203i	-0.0610-0.5630i	0.1851+2.2532i	0.8078-0.8010i	-0.2316-0.4994i	0.4417-1.6626i	0.4526-4.4052i
32.7	1.5052-0.0740i	-0.1148-0.5090i	0.3294+2.2893i	0.8191-0.7519i	-0.2795-0.4312i	0.3010-1.6757i	0.1821-4.3929i
32.8	1.5682-0.1236i	-0.1638-0.4603i	0.4995+2.3117i	0.8445-0.7191i	-0.3204-0.3657i	0.1454-1.6854i	-0.0852-4.3801i
32.9	1.6279-0.1487i	-0.1923-0.4127i	0.6643+2.2953i	0.9083-0.6611i	-0.3319-0.3101i	-0.0155-1.6597i	-0.3249-4.2822i
33.0	1.6968-0.1585i	-0.2009-0.3879i	0.7597+2.2805i	0.9871-0.6180i	-0.3293-0.2805i	-0.1136-1.6208i	-0.4520-4.1660i
33.1	1.7929-0.2354i	-0.2120-0.3239i	0.8850+2.2239i	1.0896-0.6092i	-0.3261-0.2138i	-0.2276-1.5550i	-0.6359-4.0353i
33.2	1.8888-0.3070i	-0.2272-0.2586i	0.9988+2.1674i	1.1772-0.6088i	-0.3333-0.1451i	-0.3350-1.4813i	-0.7820-3.9330i
33.3	1.9632-0.4087i	-0.2150-0.2201i	1.0856+2.1112i	1.2624-0.6588i	-0.3188-0.1033i	-0.4117-1.4079i	-0.8749-3.8427i
33.4	2.0267-0.5308i	-0.1907-0.1872i	1.1633+2.0279i	1.3525-0.7206i	-0.2905-0.0712i	-0.4733-1.3065i	-0.9778-3.6896i
33.5	2.0497-0.6943i	-0.1446-0.1385i	1.2394+1.9267i	1.4293-0.8002i	-0.2329-0.0168i	-0.5231-1.2067i	-1.0881-3.5206i
33.6	2.0038-0.8237i	-0.1100-0.1093i	1.2810+1.7743i	1.4531-0.8812i	-0.1876+0.0104i	-0.5569-1.0801i	-1.1352-3.2895i
33.7	1.9426-0.9428i	-0.0900-0.1047i	1.2786+1.6084i	1.4504-0.9641i	-0.1562+0.0141i	-0.5540-0.9420i	-1.0768-3.0483i
33.8	1.8329-0.9999i	-0.0182-0.1119i	1.1649+1.5414i	1.4570-1.0361i	-0.0780+0.0035i	-0.4600-0.8881i	-0.8572-2.9732i
33.9	1.7603-1.0359i	0.0261-0.1306i	1.0897+1.5582i	1.4788-1.1274i	-0.0281-0.0195i	-0.3958-0.9104i	-0.6736-3.0657i
34.0	1.7284-1.0416i	0.0450-0.1726i	1.0611+1.6043i	1.4847-1.2153i	-0.0065-0.0656i	-0.3809-0.9585i	-0.5796-3.2095i
34.1	1.6856-1.0323i	0.0496-0.2161i	1.0796+1.6502i	1.4468-1.2695i	0.0036-0.1095i	-0.4064-0.9926i	-0.6250-3.3827i
34.2	1.6843-1.0553i	0.0374-0.2351i	1.1752+1.6758i	1.4098-1.3235i	-0.0048-0.1334i	-0.5103-1.0214i	-0.8557-3.5602i
34.3	1.7505-1.0498i	0.0134-0.2481i	1.2905+1.6471i	1.4064-1.3360i	-0.0295-0.1469i	-0.6316-1.0028i	-1.1768-3.6515i
34.4	1.7659-1.0620i	-0.0162-0.2377i	1.3783+1.5746i	1.3681-1.3407i	-0.0584-0.1402i	-0.7281-0.9463i	-1.4197-3.6385i
34.5	1.7738-1.1153i	-0.0192-0.2302i	1.4280+1.4478i	1.3658-1.3601i	-0.0604-0.1322i	-0.8022-0.8386i	-1.6982-3.4696i
34.6	1.8154-1.1687i	-0.0066-0.2163i	1.4248+1.3026i	1.4109-1.3662i	-0.0465-0.1192i	-0.8347-0.7161i	-1.8933-3.2508i
34.7	1.8477-1.2023i	0.0022-0.2063i	1.4049+1.1817i	1.4525-1.3699i	-0.0388-0.1135i	-0.8458-0.6057i	-2.0202-3.0094i
34.8	1.8236-1.2847i	0.0079-0.1834i	1.3220+1.0498i	1.4591-1.4058i	-0.0291-0.0907i	-0.8093-0.4748i	-2.1216-2.7305i
34.9	1.8341-1.3640i	0.0187-0.1764i	1.2271+0.9544i	1.5049-1.4548i	-0.0132-0.0830i	-0.7707-0.3725i	-2.1484-2.4814i
35.0	1.8591-1.4207i	0.0330-0.1771i	1.1232+0.8827i	1.5613-1.4875i	0.0004-0.0833i	-0.7231-0.2950i	-2.1265-2.2869i
35.1	1.8534-1.4944i	0.0491-0.1760i	0.9630+0.8494i	1.6045-1.5445i	0.0154-0.0794i	-0.6175-0.2358i	-2.0229-2.0594i
35.2	1.8391-1.5553i	0.0804-0.1941i	0.7833+0.8675i	1.6592-1.6264i	0.0501-0.0990i	-0.5014-0.2130i	-1.8594-1.8312i
35.3	1.8305-1.6041i	0.1071-0.2016i	0.6558+0.9213i	1.7093-1.7081i	0.0764-0.1093i	-0.4295-0.2219i	-1.7261-1.7004i
35.4	1.8062-1.6605i	0.1283-0.2177i	0.5169+1.0128i	1.7406-1.8058i	0.0984-0.1322i	-0.3388-0.2612i	-1.5352-1.6387i
35.5	1.7696-1.7232i	0.1531-0.2668i	0.4103+1.1793i	1.7585-1.9401i	0.1256-0.1762i	-0.2708-0.3483i	-1.3486-1.6573i
35.6	1.7614-1.7649i	0.1685-0.3064i	0.3424+1.3169i	1.7830-2.0488i	0.1377-0.2157i	-0.2421-0.4157i	-1.2320-1.6918i
35.7	1.7563-1.8006i	0.1651-0.3574i	0.3170+1.5383i	1.7781-2.2029i	0.1316-0.2700i	-0.2418-0.5423i	-1.0817-1.8014i
35.8	1.7711-1.8143i	0.1510-0.4049i	0.3890+1.7353i	1.7529-2.3281i	0.1139-0.3184i	-0.3184-0.6666i	-1.0687-1.9699i
35.9	1.7973-1.8931i	0.1045-0.4521i	0.5985+1.9259i	1.6697-2.4999i	0.0635-0.3622i	-0.4958-0.7620i	-1.2418-2.1571i
36.0	1.8225-1.9867i	0.0725-0.4845i	0.7682+1.9648i	1.6057-2.6106i	0.0277-0.3878i	-0.6452-0.7405i	-1.3868-2.1889i
36.1	1.8475-2.0991i	-0.0112-0.4842i	1.0346+1.9486i	1.4922-2.7138i	-0.0543-0.3855i	-0.8711-0.6592i	-1.6781-2.1206i
36.2	1.8346-2.1776i	-0.0424-0.4694i	1.1447+1.8911i	1.4211-2.7610i	-0.0864-0.3704i	-0.9586-0.5617i	-1.8058-1.9970i
36.3	1.8015-2.3281i	-0.0560-0.4428i	1.2776+1.7918i	1.3292-2.8621i	-0.0956-0.3429i	-1.0582-0.4068i	-1.9340-1.7917i
36.4	1.7903-2.4320i	-0.0578-0.4347i	1.3280+1.7179i	1.2924-2.9244i	-0.0957-0.3330i	-1.0943-0.2872i	-1.9764-1.6317i
36.5	1.7246-2.5225i	-0.0771-0.4266i	1.2788+1.6085i	1.2331-2.9673i	-0.1167-0.3174i	-1.0478-0.1255i	-1.8901-1.3843i
36.6	1.6584-2.6203i	-0.0753-0.4090i	1.2816+1.5210i	1.1657-3.0222i	-0.1095-0.2930i	-1.0100-0.0062i	-1.8228-1.1592i
36.7	1.5699-2.7181i	-0.0545-0.3916i	1.2720+1.4623i	1.0902-3.0869i	-0.0900-0.2747i	-0.9595+0.0813i	-1.6891-1.0019i
36.8	1.5500-2.8053i	-0.0391-0.4034i	1.2392+1.4181i	1.0834-3.1623i	-0.0778-0.2827i	-0.9158+0.1628i	-1.5989-0.8973i
36.9	1.5158-2.8733i	-0.0258-0.4269i	1.1953+1.3975i	1.0675-3.2329i	-0.0626-0.2991i	-0.8668+0.2234i	-1.4750-0.8399i
37.0	1.4318-2.9314i	-0.0195-0.4547i	1.1464+1.4073i	1.0013-3.3057i	-0.0533-0.3187i	-0.8122+0.2440i	-1.3232-0.8664i
37.1	1.3870-3.0188i	-0.0172-0.4699i	1.1566+1.4089i	0.9602-3.3932i	-0.0490-0.3322i	-0.8025+0.2869i	-1.2780-0.8311i

37.2	1.3584-3.1766i	-0.0082-0.5071i	1.1835+1.4298i	0.9259-3.5675i	-0.0351-0.3599i	-0.8056+0.3516i	-1.2570-0.7717i
37.3	1.2783-3.3172i	-0.0146-0.5569i	1.1592+1.4222i	0.8538-3.7323i	-0.0348-0.3901i	-0.7615+0.4214i	-1.1568-0.6875i
37.4	1.1481-3.4680i	-0.0286-0.6018i	1.1919+1.4299i	0.7173-3.9112i	-0.0399-0.4221i	-0.7341+0.4945i	-1.1031-0.6163i
37.5	1.0637-3.5741i	-0.0449-0.6465i	1.1974+1.3910i	0.6209-4.0390i	-0.0524-0.4598i	-0.7056+0.5843i	-1.0397-0.5172i
37.6	0.9303-3.6872i	-0.0876-0.6913i	1.1701+1.3403i	0.4639-4.1751i	-0.0785-0.4959i	-0.6380+0.6901i	-0.9096-0.4159i
37.7	0.7650-3.8000i	-0.1279-0.7426i	1.1518+1.2993i	0.2870-4.3186i	-0.1014-0.5372i	-0.5722+0.7850i	-0.7484-0.3687i
37.8	0.5511-3.9220i	-0.1968-0.8012i	1.1049+1.2920i	0.0339-4.4846i	-0.1531-0.5866i	-0.4448+0.8638i	-0.5236-0.3604i
37.9	0.3076-3.9746i	-0.2906-0.8335i	1.0077+1.3104i	-0.2736-4.5806i	-0.2217-0.6165i	-0.2509+0.9141i	-0.2947-0.4570i
38.0	0.0696-4.0049i	-0.3996-0.8511i	0.9506+1.3529i	-0.5975-4.6349i	-0.3016-0.6347i	-0.0550+0.9199i	-0.1825-0.6291i
38.1	-0.1695-3.9786i	-0.4988-0.8254i	0.9496+1.3902i	-0.9198-4.5813i	-0.3788-0.6209i	0.0842+0.8657i	-0.1727-0.7493i
38.2	-0.4103-3.8816i	-0.5989-0.7726i	0.9321+1.4032i	-1.2384-4.4435i	-0.4562-0.5829i	0.1982+0.7910i	-0.1732-0.7819i
38.3	-0.5250-3.7921i	-0.6523-0.7113i	0.8975+1.4106i	-1.4009-4.3068i	-0.4948-0.5397i	0.2757+0.7191i	-0.1434-0.8193i
38.4	-0.6308-3.7288i	-0.7123-0.6488i	0.8076+1.4257i	-1.5585-4.1856i	-0.5400-0.4976i	0.3930+0.6708i	-0.0332-0.8320i
38.5	-0.7440-3.6922i	-0.7648-0.5835i	0.6861+1.5400i	-1.7172-4.1006i	-0.5807-0.4558i	0.5168+0.5713i	0.0749-0.8945i
38.6	-0.8792-3.6371i	-0.8002-0.5195i	0.6129+1.6544i	-1.8843-3.9876i	-0.6083-0.4092i	0.6202+0.4523i	0.1518-0.9742i
38.7	-1.0116-3.6093i	-0.8340-0.4622i	0.5189+1.7787i	-2.0504-3.9015i	-0.6364-0.3691i	0.7632+0.3381i	0.2519-1.0666i
38.8	-1.1465-3.5454i	-0.8433-0.3915i	0.5143+1.9588i	-2.1995-3.7674i	-0.6458-0.3214i	0.8231+0.1683i	0.3108-1.2195i
38.9	-1.2797-3.4822i	-0.8287-0.3310i	0.6081+2.1509i	-2.3126-3.6481i	-0.6378-0.2768i	0.7763-0.0156i	0.2816-1.3772i
39.0	-1.4295-3.3877i	-0.8135-0.2702i	0.7678+2.4222i	-2.4495-3.4912i	-0.6268-0.2330i	0.6950-0.2853i	0.2728-1.5816i
39.1	-1.5228-3.3343i	-0.7936-0.2239i	0.8695+2.5954i	-2.5221-3.3870i	-0.6077-0.2014i	0.6347-0.4746i	0.2644-1.7426i
39.2	-1.6465-3.2841i	-0.7764-0.1865i	1.0358+2.7381i	-2.6236-3.2906i	-0.5966-0.1770i	0.5163-0.6354i	0.1797-1.8966i
39.3	-1.7760-3.1826i	-0.7599-0.1524i	1.2700+2.8336i	-2.7245-3.1523i	-0.5930-0.1596i	0.3499-0.7145i	-0.0181-2.0074i
39.4	-1.9176-3.1141i	-0.7430-0.1350i	1.5056+2.9073i	-2.8330-3.0593i	-0.5796-0.1509i	0.1840-0.7950i	-0.1719-2.0835i
39.5	-2.0613-2.9420i	-0.7321-0.1342i	1.8422+2.8554i	-2.9538-2.8799i	-0.5789-0.1587i	-0.0340-0.7768i	-0.3631-2.0310i
39.6	-2.1368-2.8112i	-0.7769-0.1078i	2.0365+2.6993i	-3.0376-2.7347i	-0.6352-0.1341i	-0.1225-0.6871i	-0.3710-1.9756i
39.7	-2.2307-2.6404i	-0.7609-0.0158i	2.0836+2.5444i	-3.1113-2.5267i	-0.6297-0.0459i	-0.1300-0.6508i	-0.4687-2.0554i
39.8	-2.2933-2.4630i	-0.6737-0.0064i	2.1788+2.5406i	-3.1201-2.3514i	-0.5507-0.0414i	-0.2460-0.6830i	-0.7297-2.0091i
39.9	-2.3562-2.3035i	-0.6418-0.0263i	2.3817+2.4510i	-3.1390-2.2106i	-0.5271-0.0603i	-0.4283-0.6686i	-0.8468-1.8745i
40.0	-2.3952-2.1531i	-0.6318-0.0259i	2.5451+2.3872i	-3.1697-2.0592i	-0.5229-0.0635i	-0.5457-0.6711i	-0.9077-1.7825i
40.1	-2.3803-1.9846i	-0.6295-0.0269i	2.6079+2.2451i	-3.1621-1.9043i	-0.5260-0.0663i	-0.6002-0.5712i	-0.9568-1.6633i
40.2	-2.3712-1.8530i	-0.6220-0.0300i	2.6648+2.1294i	-3.1537-1.7776i	-0.5267-0.0682i	-0.6590-0.5065i	-0.9596-1.5702i
40.3	-2.3572-1.7272i	-0.6337-0.0241i	2.7126+1.9900i	-3.1396-1.6545i	-0.5367-0.0666i	-0.7253-0.4104i	-0.9579-1.4792i
40.4	-2.2856-1.6032i	-0.6515-0.0279i	2.6958+1.9078i	-3.1032-1.5363i	-0.5613-0.0688i	-0.6859-0.3516i	-0.9326-1.3633i
40.5	-2.2736-1.4832i	-0.6658-0.0301i	2.7898+1.7843i	-3.1130-1.4218i	-0.5794-0.0722i	-0.7697-0.2765i	-0.9171-1.2886i
40.6	-2.2709-1.3736i	-0.6791-0.0033i	2.8087+1.5926i	-3.1218-1.2943i	-0.5938-0.0480i	-0.8114-0.1265i	-0.8873-1.2463i
40.7	-2.1897-1.2975i	-0.6998+0.0318i	2.7239+1.5089i	-3.0654-1.1852i	-0.6190-0.0121i	-0.7555-0.1011i	-0.8121-1.2075i
40.8	-2.1419-1.1991i	-0.6827+0.0612i	2.6642+1.4768i	-3.0262-1.0631i	-0.6008+0.0233i	-0.7462-0.0957i	-0.7810-1.1820i
40.9	-2.1025-1.0837i	-0.6749+0.0661i	2.6370+1.4457i	-2.9934-0.9490i	-0.5950+0.0217i	-0.7306-0.0223i	-0.7912-1.1233i
41.0	-2.0262-1.0582i	-0.6789+0.0939i	2.6408+1.4640i	-2.9377-0.8825i	-0.6015+0.0446i	-0.7481-0.0711i	-0.6958-1.1087i
41.1	-1.9655-1.0078i	-0.6308+0.1254i	2.6985+1.4125i	-2.8448-0.7669i	-0.5604+0.0769i	-0.8190-0.0367i	-0.6493-1.1344i
41.2	-1.9325-1.0132i	-0.6206+0.1622i	2.7660+1.4044i	-2.8068-0.7115i	-0.5557+0.1136i	-0.8900-0.0525i	-0.6391-1.1635i
41.3	-1.9040-0.9292i	-0.5982+0.1685i	2.8118+1.2621i	-2.7366-0.6340i	-0.5358+0.1143i	-0.9318+0.1124i	-0.6777-1.1386i
41.4	-1.8586-0.9057i	-0.6191+0.1834i	2.7755+1.2638i	-2.7136-0.5936i	-0.5576+0.1318i	-0.9318+0.0867i	-0.6265-1.0943i
41.5	-1.7723-0.8533i	-0.6118+0.1970i	2.9031+1.2250i	-2.6280-0.5099i	-0.5549+0.1367i	-1.0257+0.1556i	-0.5961-1.0953i
41.6	-1.7469-0.8630i	-0.6150+0.1877i	2.8904+1.1258i	-2.6016-0.5121i	-0.5673+0.1315i	-1.0196+0.2028i	-0.5834-1.0822i
41.7	-1.7426-0.8571i	-0.6287+0.2145i	2.8970+1.1329i	-2.6284-0.4755i	-0.5784+0.1617i	-1.0667+0.1684i	-0.5282-1.0461i
41.8	-1.6723-0.7981i	-0.6141+0.2290i	2.9013+1.0432i	-2.5489-0.3946i	-0.5656+0.1780i	-1.0408+0.3086i	-0.4715-1.0242i
41.9	-1.6295-0.8251i	-0.6021+0.2727i	2.9961+0.9348i	-2.4800-0.3528i	-0.5618+0.2222i	-1.0971+0.4084i	-0.4134-1.0712i
42.0	-1.6108-0.8288i	-0.5910+0.2978i	2.9862+0.7347i	-2.4388-0.3367i	-0.5587+0.2501i	-1.0760+0.5454i	-0.4172-1.0975i
42.1	-1.5751-0.8141i	-0.6200+0.3247i	2.8333+0.6564i	-2.4497-0.3019i	-0.5890+0.2804i	-0.9738+0.6026i	-0.3826-1.0823i
42.2	-1.5756-0.8037i	-0.5428+0.3728i	2.6518+0.6119i	-2.3832-0.2283i	-0.5094+0.3353i	-0.7907+0.6941i	-0.3852-1.1553i
42.3	-1.5720-0.8483i	-0.4405+0.3751i	2.5011+0.6918i	-2.3062-0.2162i	-0.4032+0.3435i	-0.6400+0.5575i	-0.4655-1.2006i
42.4	-1.6370-0.8836i	-0.4236+0.3430i	2.5319+0.7810i	-2.3087-0.2044i	-0.3755+0.3138i	-0.7445+0.4478i	-0.4817-1.1735i
42.5	-1.6619-0.7908i	-0.4424+0.2768i	2.6168+0.8949i	-2.2419-0.1910i	-0.3922+0.2358i	-0.7900+0.4220i	-0.5341-1.1152i
42.6	-1.6420-0.6719i	-0.4555+0.2660i	2.7314+0.7417i	-2.2252-0.1573i	-0.4139+0.2201i	-0.9049+0.5937i	-0.4922-1.0014i
42.7	-1.6093-0.6633i	-0.4700+0.2789i	2.7868+0.5904i	-2.2148-0.1193i	-0.4310+0.2376i	-0.9785+0.7204i	-0.4013-1.0023i
42.8	-1.6258-0.6456i	-0.4667+0.3351i	2.7459+0.4565i	-2.2083-0.0464i	-0.4277+0.2954i	-0.9464+0.8843i	-0.3492-1.0660i
42.9	-1.6371-0.6864i	-0.4069+0.4321i	2.7073+0.4425i	-2.1575-0.0067i	-0.3641+0.3957i	-0.9153+0.8981i	-0.3653-1.1407i
43.0	-1.6947-0.6287i	-0.2566+0.4097i	2.7103+0.4848i	-2.0831-0.0011i	-0.2078+0.3661i	-0.9012+0.9117i	-0.4634-1.1186i
43.1	-1.6524-0.5304i	-0.2431+0.2896i	2.7577+0.4798i	-2.0482-0.0232i	-0.1978+0.2353i	-0.8906+0.9019i	-0.4233-1.0364i
43.2	-1.5761-0.4825i	-0.3027+0.2595i	2.7852+0.3346i	-2.0343+0.0073i	-0.2647+0.2025i	-0.8884+1.0228i	-0.3806-1.0466i
43.3	-1.4762-0.5001i	-0.3763+0.2670i	2.6697+0.1482i	-2.0106+0.0101i	-0.3447+0.2046i	-0.7577+1.1517i	-0.3423-1.0321i
43.4	-1.4751-0.4680i	-0.3749+0.2618i	2.4617+0.1685i	-2.0030+0.0271i	-0.3404+0.1954i	-0.5997+1.1428i	-0.3172-1.0152i

43.5	−1.5161−0.4482i	−0.3409+0.3105i	2.3153+0.1328i	−1.9815+0.1203i	−0.3023+0.2453i	−0.4834+1.2367i	−0.3005−1.1097i
43.6	−1.6197−0.4537i	−0.2422+0.3205i	2.3670+0.2332i	−1.9232+0.1240i	−0.2034+0.2562i	−0.5293+1.1458i	−0.3613−1.1495i
43.7	−1.5710−0.3827i	−0.2550+0.2709i	2.5579+0.2002i	−1.9124+0.1105i	−0.2289+0.2050i	−0.6704+1.1676i	−0.3730−1.0644i
43.8	−1.4754−0.3460i	−0.3022+0.2561i	2.5792+0.0708i	−1.9211+0.1376i	−0.2836+0.1892i	−0.6842+1.2821i	−0.2555−1.0229i
43.9	−1.3943−0.3194i	−0.3036+0.2529i	2.4846+0.0110i	−1.8766+0.1849i	−0.2976+0.1758i	−0.5778+1.3581i	−0.2354−1.1051i
44.0	−1.4538−0.3638i	−0.2812+0.2837i	2.4817−0.1882i	−1.8671+0.2562i	−0.2778+0.2193i	−0.6143+1.6066i	−0.2376−1.2317i
44.1	−1.5404−0.3201i	−0.2028+0.2782i	2.1385−0.4503i	−1.7913+0.3131i	−0.1875+0.2216i	−0.2775+1.9265i	−0.3363−1.3169i
44.2	−1.4761−0.3083i	−0.2070+0.2517i	1.7310−0.1552i	−1.6945+0.2894i	−0.1927+0.1925i	0.1721+1.6232i	−0.3899−1.2157i
44.3	−1.4653−0.3274i	−0.2032+0.2855i	1.8581+0.1261i	−1.6016+0.2906i	−0.1972+0.2294i	0.1600+1.3679i	−0.4335−1.2908i
44.4	−1.4652−0.2433i	−0.1772+0.2289i	2.0252+0.2388i	−1.5339+0.2067i	−0.1718+0.1709i	0.1286+1.1851i	−0.6136−1.2458i
44.5	−1.4439−0.2155i	−0.1960+0.1983i	2.1721−0.0149i	−1.5933+0.1809i	−0.1985+0.1428i	−0.0532+1.3177i	−0.5524−1.1486i
44.6	−1.4798−0.2100i	−0.1820+0.1761i	1.8241+0.0026i	−1.5286+0.1856i	−0.1775+0.1288i	0.2198+1.3212i	−0.6335−1.1478i
44.7	−1.4156−0.0784i	−0.2221+0.1243i	1.8481+0.2280i	−1.5191+0.1017i	−0.2129+0.0650i	0.2371+1.1225i	−0.6984−0.9651i
44.8	−1.4044−0.1061i	−0.2477+0.1538i	2.0368+0.2500i	−1.6199+0.0860i	−0.2409+0.0921i	−0.0058+1.0512i	−0.5948−0.8102i
44.9	−1.2949−0.1388i	−0.3099+0.2009i	2.1970+0.0923i	−1.6778+0.1564i	−0.3241+0.1488i	−0.1206+1.1883i	−0.3700−0.7608i
45.0	−1.3484−0.2582i	−0.2053+0.2953i	1.9308+0.0102i	−1.6007+0.2203i	−0.2212+0.2613i	0.1059+1.1748i	−0.3375−0.9516i
45.1	−1.4203−0.2147i	−0.1065+0.2438i	1.7755+0.1525i	−1.5282+0.2033i	−0.1103+0.2078i	0.1905+1.0230i	−0.4638−0.9621i
45.2	−1.3710−0.1595i	−0.1505+0.1421i	1.8509+0.2420i	−1.5231+0.1491i	−0.1518+0.1009i	0.1249+0.9491i	−0.4940−0.8287i
45.3	−1.2979−0.0279i	−0.2198+0.0444i	1.9223+0.3006i	−1.5050+0.1330i	−0.2252−0.0074i	0.0918+0.9956i	−0.4677−0.6928i
45.4	−1.2293+0.0105i	−0.2894+0.0504i	2.1193+0.2087i	−1.5272+0.1498i	−0.3041−0.0028i	−0.0265+1.1273i	−0.3206−0.6262i
45.5	−1.2032−0.0569i	−0.3196+0.1209i	2.1491−0.0741i	−1.5616+0.1781i	−0.3359+0.0756i	−0.0358+1.2601i	−0.2311−0.6515i
45.6	−1.2315−0.1198i	−0.2980+0.1797i	1.9306−0.2090i	−1.5596+0.2175i	−0.3144+0.1387i	0.0602+1.3187i	−0.1887−0.6852i
45.7	−1.2254−0.1636i	−0.3031+0.2180i	1.8174−0.1939i	−1.5537+0.2457i	−0.3229+0.1827i	0.1080+1.3356i	−0.1049−0.7289i
45.8	−1.2410−0.1120i	−0.2624+0.2309i	1.6482−0.1760i	−1.4898+0.2825i	−0.2820+0.1984i	0.2542+1.3848i	−0.0745−0.7704i
45.9	−1.2735−0.1102i	−0.1960+0.2533i	1.4566−0.1840i	−1.4353+0.3142i	−0.2150+0.2276i	0.4108+1.4205i	−0.0574−0.8451i
46.0	−1.3509−0.0678i	−0.1271+0.2113i	1.2724−0.0816i	−1.3859+0.3201i	−0.1311+0.1897i	0.5386+1.3865i	−0.1603−0.8880i
46.1	−1.3550+0.0420i	−0.1419+0.1235i	1.1985+0.2210i	−1.3380+0.2766i	−0.1355+0.0921i	0.6415+1.1898i	−0.2565−0.7538i
46.2	−1.2353+0.0610i	−0.2416+0.1213i	1.4817+0.3015i	−1.3671+0.2322i	−0.2441+0.0851i	0.5071+1.0976i	−0.1115−0.6461i
46.3	−1.2173+0.0175i	−0.2433+0.1745i	1.4197+0.1963i	−1.3618+0.2378i	−0.2555+0.1397i	0.5566+1.1063i	−0.0203−0.7232i
46.4	−1.2675+0.0768i	−0.1950+0.1773i	1.2783+0.2930i	−1.3236+0.2372i	−0.2043+0.1428i	0.6460+1.0657i	−0.0423−0.7582i
46.5	−1.2910+0.1380i	−0.1330+0.1746i	1.1623+0.3821i	−1.3088+0.2405i	−0.1353+0.1375i	0.7131+1.0196i	−0.0769−0.7403i
46.6	−1.2568+0.2000i	−0.0910+0.1230i	1.1214+0.6550i	−1.2863+0.2052i	−0.0940+0.0819i	0.7816+0.8327i	−0.0760−0.6918i
46.7	−1.2281+0.2753i	−0.0636+0.0407i	1.3320+0.8507i	−1.2994+0.1685i	−0.0658−0.0044i	0.6394+0.7016i	−0.0579−0.6299i
46.8	−1.1424+0.3059i	−0.1195−0.0425i	1.5767+0.8376i	−1.3475+0.1499i	−0.1339−0.0938i	0.4614+0.7011i	0.0362−0.5325i
46.9	−1.0711+0.2733i	−0.2065−0.0585i	1.6889+0.7007i	−1.3796+0.1753i	−0.2292−0.0999i	0.3900+0.7998i	0.1773−0.5517i
47.0	−1.0627+0.2756i	−0.2557−0.0586i	1.7611+0.6424i	−1.3916+0.2058i	−0.2797−0.0892i	0.3076+0.8720i	0.2561−0.5833i
47.1	−1.0156+0.2584i	−0.3142−0.0095i	1.7536+0.4937i	−1.4084+0.2385i	−0.3355−0.0315i	0.3144+0.9903i	0.3363−0.6182i
47.2	−0.9882+0.2486i	−0.3230+0.0405i	1.5685+0.4615i	−1.3805+0.2611i	−0.3389+0.0190i	0.5076+1.0114i	0.4052−0.6790i
47.3	−1.0126+0.2584i	−0.2773+0.0657i	1.3622+0.5584i	−1.3196+0.2700i	−0.2854+0.0438i	0.7251+0.9544i	0.3989−0.7802i
47.4	−1.0179+0.3084i	−0.2209+0.0431i	1.3729+0.8431i	−1.2747+0.2370i	−0.2263+0.0179i	0.7642+0.7608i	0.3724−0.7827i
47.5	−0.8857+0.3369i	−0.2618−0.0355i	1.7971+0.9030i	−1.3373+0.1666i	−0.2777−0.0672i	0.4967+0.6132i	0.4616−0.6967i
47.6	−0.8323+0.2431i	−0.3407−0.0073i	1.7957+0.5933i	−1.4044+0.2060i	−0.3664−0.0274i	0.4446+0.7866i	0.6280−0.7530i
47.7	−0.9040+0.2124i	−0.3033+0.0304i	1.5619+0.5836i	−1.3704+0.2627i	−0.3228+0.0167i	0.5846+0.8267i	0.5748−0.9142i
47.8	−0.9142+0.2204i	−0.3141+0.0352i	1.4762+0.6322i	−1.3402+0.2668i	−0.3295+0.0227i	0.6598+0.7942i	0.5766−0.9387i
47.9	−0.9274+0.2636i	−0.2973+0.0549i	1.4213+0.7964i	−1.3546+0.2707i	−0.3107+0.0376i	0.6650+0.6587i	0.5995−0.9740i
48.0	−0.9228+0.2540i	−0.2463+0.0738i	1.4260+0.9407i	−1.3400+0.2755i	−0.2564+0.0525i	0.6668+0.5482i	0.6056−1.0671i
48.1	−0.9088+0.2811i	−0.1987+0.0234i	1.4792+1.0026i	−1.3091+0.2851i	−0.2090+0.0063i	0.6495+0.5161i	0.5760−1.1240i
48.2	−0.9443+0.3218i	−0.2001−0.0728i	1.4045+1.0744i	−1.2742+0.2977i	−0.1966−0.0885i	0.7010+0.5002i	0.5114−1.1434i
48.3	−0.9482+0.4128i	−0.2281−0.1400i	1.4899+1.2934i	−1.2488+0.2705i	−0.2202−0.1745i	0.6394+0.3644i	0.4520−1.0934i
48.4	−0.8375+0.4391i	−0.3282−0.1324i	1.7559+1.2622i	−1.2564+0.2293i	−0.3376−0.1706i	0.5124+0.3596i	0.4797−1.0568i
48.5	−0.8348+0.4543i	−0.3350−0.1339i	1.6823+1.3158i	−1.2619+0.2087i	−0.3401−0.1669i	0.5512+0.2828i	0.4973−1.0512i
48.6	−0.7305+0.5147i	−0.4019−0.1760i	2.0046+1.4926i	−1.3058+0.1734i	−0.4176−0.2229i	0.3339+0.1912i	0.5476−0.9727i
48.7	−0.6228+0.4591i	−0.4999−0.1236i	2.2267+1.2575i	−1.3498+0.2153i	−0.5252−0.1599i	0.2178+0.3376i	0.7110−0.9872i
48.8	−0.6854+0.3318i	−0.5124+0.0398i	1.9578+0.9625i	−1.3462+0.2882i	−0.5231+0.0178i	0.3762+0.4638i	0.7882−1.1933i
48.9	−0.7586+0.3665i	−0.3992+0.0543i	1.7507+1.1244i	−1.3182+0.2702i	−0.4018+0.0208i	0.4677+0.3469i	0.6811−1.2790i
49.0	−0.6958+0.4311i	−0.3643−0.0286i	1.8707+1.3575i	−1.3266+0.2451i	−0.3748−0.0719i	0.3791+0.2141i	0.6614−1.2350i
49.1	−0.6532+0.4666i	−0.4047−0.0864i	2.0359+1.4685i	−1.3543+0.2272i	−0.4211−0.1328i	0.2821+0.1309i	0.6780−1.2269i
49.2	−0.5666+0.5039i	−0.4634−0.1571i	2.2993+1.6016i	−1.3832+0.1988i	−0.4930−0.2072i	0.1086−0.0009i	0.7047−1.2100i
49.3	−0.5316+0.4490i	−0.5359−0.1639i	2.4296+1.4638i	−1.4086+0.2135i	−0.5710−0.2003i	−0.0145+0.0694i	0.7390−1.2649i
49.4	−0.5066+0.4400i	−0.6057−0.1389i	2.4916+1.4138i	−1.4215+0.2189i	−0.6328−0.1732i	−0.0859+0.1245i	0.7656−1.3105i
49.5	−0.5194+0.4311i	−0.5667−0.0592i	2.4360+1.3942i	−1.4143+0.2407i	−0.5951−0.0940i	−0.0498+0.1236i	0.7408−1.3598i
49.6	−0.5272+0.4893i	−0.5577−0.1233i	2.5639+1.4877i	−1.4458+0.2091i	−0.5792−0.1602i	−0.2070+0.0542i	0.6656−1.3387i
49.7	−0.4310+0.5174i	−0.6549−0.1413i	2.7868+1.4233i	−1.4902+0.2076i	−0.6811−0.1829i	−0.3923+0.1679i	0.6874−1.2770i

49.8	−0.3488+0.4825i	−0.7385−0.0872i	2.9032+1.2433i	−1.5190+0.2498i	−0.7736−0.1240i	−0.4600+0.3307i	0.7925−1.2850i
49.9	−0.3780+0.4292i	−0.6655+0.0347i	2.6586+1.2298i	−1.4875+0.2998i	−0.6893+0.0001i	−0.2513+0.3545i	0.8156−1.4616i
50.0	−0.3534+0.4919i	−0.6465−0.0291i	2.7968+1.4582i	−1.5207+0.2887i	−0.6777−0.0736i	−0.3572+0.1513i	0.7806−1.4266i
50.1	−0.3004+0.4478i	−0.7137−0.0041i	2.9896+1.3147i	−1.5851+0.3204i	−0.7571−0.0480i	−0.5382+0.2402i	0.8272−1.4361i
50.2	−0.2851+0.4199i	−0.7253+0.0257i	3.0731+1.2273i	−1.6194+0.3499i	−0.7771−0.0144i	−0.6430+0.3056i	0.8148−1.4609i
50.3	−0.1971+0.3884i	−0.7918+0.0480i	3.2707+1.0354i	−1.6812+0.4057i	−0.8497+0.0181i	−0.8607+0.5161i	0.9304−1.4960i
50.4	−0.1898+0.3549i	−0.7709+0.0716i	3.2116+0.9449i	−1.6649+0.4511i	−0.8343+0.0489i	−0.8114+0.6279i	0.9688−1.5591i
50.5	−0.1884+0.2858i	−0.7651+0.1214i	3.0590+0.8053i	−1.6425+0.5374i	−0.8216+0.1085i	−0.6884+0.8125i	0.9965−1.7053i
50.6	−0.2499+0.2736i	−0.7325+0.1096i	2.9163+0.8817i	−1.5874+0.5826i	−0.7719+0.0976i	−0.5619+0.8271i	0.8946−1.8922i
50.7	−0.2650+0.3612i	−0.7494+0.0454i	2.9899+1.1223i	−1.5625+0.5528i	−0.7828+0.0203i	−0.5510+0.6691i	0.7510−1.8907i
50.8	−0.2004+0.4337i	−0.8332+0.0267i	3.3501+1.2264i	−1.5710+0.5317i	−0.8705−0.0058i	−0.7835+0.6325i	0.6620−1.7670i
50.9	−0.1240+0.4406i	−0.9121+0.0863i	3.5697+1.0328i	−1.6113+0.5850i	−0.9615+0.0577i	−0.9570+0.7940i	0.7647−1.6977i
51.0	−0.1032+0.4145i	−0.8606+0.1429i	3.5342+1.0497i	−1.5789+0.5902i	−0.9091+0.1153i	−0.8797+0.7885i	0.7676−1.7748i
51.1	0.0010+0.3339i	−0.9505+0.2017i	3.7146+0.6533i	−1.6628+0.6463i	−1.0206+0.1944i	−1.0596+1.0830i	0.9412−1.7719i
51.2	−0.0962+0.1658i	−0.8386+0.4495i	3.1318+0.2720i	−1.5467+0.8092i	−0.8846+0.4701i	−0.6083+1.4886i	0.9739−2.1515i
51.3	−0.1742+0.3728i	−0.6683+0.2122i	3.2042+1.1091i	−1.4812+0.5943i	−0.6944+0.1904i	−0.5703+0.7774i	0.5335−2.0293i
51.4	0.0482+0.5406i	−0.8177+0.0071i	3.9873+1.2527i	−1.6165+0.5262i	−0.8764−0.0439i	−1.2069+0.6364i	0.5503−1.6186i
51.5	0.2619+0.4875i	−0.9953+0.0332i	4.4923+0.8072i	−1.7471+0.6243i	−1.0857−0.0126i	−1.6470+1.0220i	0.8342−1.4980i
51.6	0.4126+0.2778i	−1.1315+0.2124i	4.6300+0.1976i	−1.8296+0.8066i	−1.2381+0.1956i	−1.7606+1.6042i	1.1442−1.6405i
51.7	0.3383+0.1877i	−1.0751+0.2577i	4.3514+0.0669i	−1.7122+0.8527i	−1.1759+0.2557i	−1.4242+1.7430i	1.0773−1.8310i
51.8	0.2556+0.1316i	−1.0268+0.2927i	4.1468−0.0928i	−1.6686+0.8863i	−1.1152+0.3062i	−1.2364+1.8163i	0.9932−1.9796i
51.9	0.2709+0.1232i	−1.0863+0.3056i	4.1286−0.1699i	−1.7058+0.8798i	−1.1607+0.3221i	−1.2827+1.8452i	0.9520−2.0029i
52.0	0.3229+0.0821i	−1.1503+0.3771i	4.1348−0.2824i	−1.7612+0.9311i	−1.2346+0.3965i	−1.2997+1.9774i	0.9917−1.9680i
52.1	0.3988−0.0693i	−1.2131+0.5477i	4.2757−0.6295i	−1.8164+1.0654i	−1.3040+0.5788i	−1.3935+2.3670i	1.1751−2.1425i
52.2	0.3808−0.2557i	−1.1660+0.7427i	4.0550−1.1206i	−1.7646+1.2486i	−1.2521+0.7957i	−1.1489+2.8412i	1.1735−2.4552i
52.3	0.1844−0.3260i	−0.9698+0.7921i	3.4743−1.1258i	−1.6052+1.2813i	−1.0271+0.8498i	−0.6190+2.8172i	0.8509−2.6544i
52.4	0.1860−0.1885i	−0.9417+0.6631i	3.5003−0.7339i	−1.5657+1.2053i	−0.9991+0.6923i	−0.6448+2.5091i	0.7296−2.4511i
52.5	0.1786−0.3131i	−0.9511+0.8077i	3.3428−1.1638i	−1.5658+1.3952i	−1.0118+0.8641i	−0.5040+2.9760i	0.7900−2.5047i
52.6	0.0081−0.2840i	−0.7836+0.8067i	2.8320−0.9810i	−1.4222+1.4054i	−0.8207+0.8570i	−0.0328+2.8538i	0.5956−2.6101i
52.7	−0.0327−0.1485i	−0.6960+0.6766i	2.8687−0.5458i	−1.3404+1.3087i	−0.7256+0.7033i	0.0123+2.4687i	0.4099−2.4572i
52.8	0.0943−0.0915i	−0.7797+0.5670i	3.1732−0.4619i	−1.3214+1.3012i	−0.8219+0.5869i	−0.1459+2.4666i	0.4480−2.3369i
52.9	0.2128+0.0488i	−0.9191+0.4338i	3.3409−0.1354i	−1.3465+1.1899i	−0.9797+0.4316i	−0.2616+2.1889i	0.4383−2.0662i
53.0	0.5823−0.0233i	−1.2746+0.5579i	4.1127−0.3730i	−1.6108+1.2276i	−1.3836+0.5701i	−0.8430+2.4066i	1.0041−1.8791i
53.1	0.6042−0.2007i	−1.2696+0.7325i	4.0997−0.7679i	−1.6265+1.3712i	−1.3801+0.7663i	−0.7788+2.7291i	1.1487−2.1185i
53.2	0.5292−0.3861i	−1.1928+0.9117i	3.6796−1.1867i	−1.5747+1.5592i	−1.2895+0.9635i	−0.4171+3.0667i	1.1591−2.3757i
53.3	0.4145−0.5774i	−1.0585+1.0984i	3.3902−1.2921i	−1.4037+1.7166i	−1.1438+1.1644i	−0.0966+3.1716i	1.0869−2.7233i
53.4	0.2314−0.6116i	−0.8666+1.1411i	3.1841−1.3213i	−1.2162+1.7220i	−0.9298+1.2218i	0.1570+3.1632i	0.8340−2.9041i
53.5	0.2011−0.4077i	−0.7730+0.9374i	3.2128−0.9601i	−1.1657+1.5405i	−0.8265+0.9970i	0.1570+2.8355i	0.5612−2.7143i
53.6	0.3726−0.3981i	−0.9136+0.8655i	3.4083−0.8865i	−1.2804+1.4965i	−0.9917+0.9096i	−0.0095+2.7305i	0.6150−2.5013i
53.7	0.3630−0.4431i	−0.9680+0.8989i	3.4444−0.6170i	−1.2889+1.5689i	−1.0516+0.9414i	0.0118+2.5472i	0.7585−2.5185i
53.8	0.5494−0.5318i	−1.1358+1.0188i	4.0338−0.9326i	−1.3772+1.6717i	−1.2469+1.0802i	−0.4645+2.7985i	1.0192−2.5765i
53.9	0.6126−0.8998i	−1.1721+1.3890i	4.0973−1.8555i	−1.3839+1.9896i	−1.2966+1.5092i	−0.5729+3.6177i	1.2587−2.9901i
54.0	0.3665−0.9959i	−0.9061+1.4554i	3.4378−2.0442i	−1.1235+2.0675i	−0.9843+1.5925i	0.0871+3.8545i	1.0049−3.2914i
54.1	0.1738−0.9143i	−0.7387+1.3635i	3.0236−1.7783i	−0.9626+2.0364i	−0.7826+1.4887i	0.5505+3.5942i	0.7041−3.3972i
54.2	0.3561−0.8754i	−0.9321+1.3331i	3.5287−1.6624i	−1.0444+1.9747i	−0.9930+1.4346i	0.1206+3.4823i	0.7695−3.2597i
54.3	0.3830−1.1851i	−0.9278+1.6526i	3.5170−2.3826i	−1.0268+2.1965i	−1.0031+1.7926i	0.1817+4.1272i	0.8574−3.5690i
54.4	0.0190−1.3077i	−0.5690+1.7639i	2.7434−2.5897i	−0.7484+2.2899i	−0.6080+1.9355i	0.9197+4.2717i	0.4098−3.8509i
54.5	−0.2925−1.2190i	−0.2255+1.6605i	2.0435−2.3116i	−0.3899+2.2229i	−0.2168+1.8220i	1.6352+3.9854i	−0.1114−3.8887i
54.6	−0.4170−0.9978i	−0.0961+1.4296i	1.8713−1.8038i	−0.2434+2.0317i	−0.0675+1.5620i	1.8400+3.5006i	−0.4453−3.6473i
54.7	−0.2941−0.8251i	−0.2250+1.2715i	2.2956−1.4927i	−0.3079+1.8823i	−0.2102+1.3761i	1.5017+3.2008i	−0.4731−3.3402i
54.8	−0.0775−0.9743i	−0.4394+1.4352i	2.8610−2.0713i	−0.4880+1.9683i	−0.4696+1.5566i	1.0726+3.6255i	−0.2081−3.3249i
54.9	−0.2738−1.2023i	−0.2156+1.6681i	2.1969−2.6354i	−0.2854+2.1589i	−0.2120+1.8367i	1.6482+4.1131i	−0.3764−3.5744i
55.0	−0.4835−1.1277i	0.0284+1.5741i	1.6342−2.3272i	−0.0464+2.0643i	0.0717+1.7371i	2.1702+3.8577i	−0.6666−3.5064i
55.1	−0.5319−1.0174i	0.0956+1.4498i	1.5153−2.0269i	0.0329+1.9526i	0.1477+1.5952i	2.3059+3.5633i	−0.7757−3.3460i
55.2	−0.5339−0.9451i	0.1231+1.3538i	1.4600−1.8314i	0.0899+1.8484i	0.1818+1.4896i	2.3873+3.3506i	−0.8218−3.1975i
55.3	−0.5438−0.8630i	0.1453+1.2327i	1.4056−1.5745i	0.1214+1.7129i	0.2126+1.3478i	2.4285+3.0824i	−0.8637−3.0174i
55.4	−0.4871−0.7713i	0.1082+1.1176i	1.5444−1.2684i	0.1120+1.5818i	0.1707+1.2150i	2.3275+2.7649i	−0.8913−2.8526i
55.5	−0.3233−0.8565i	−0.0338+1.1853i	1.9710−1.5867i	−0.0224+1.6494i	0.0031+1.2897i	1.9911+2.9652i	−0.7043−2.8355i
55.6	−0.4965−0.9872i	0.0795+1.2958i	1.5675−1.8978i	0.0732+1.7536i	0.1408+1.4169i	2.3263+3.2482i	−0.7432−2.9933i
55.7	−0.6124−0.9388i	0.2035+1.2480i	1.2115−1.6856i	0.2181+1.7003i	0.2825+1.3629i	2.6279+3.0614i	−0.8650−2.9314i
55.8	−0.6299−0.8761i	0.2469+1.1606i	1.1200−1.4554i	0.2908+1.5888i	0.3284+1.2711i	2.7158+2.8493i	−0.9249−2.8317i
55.9	−0.6725−0.8018i	0.2605+1.0676i	1.1945−1.1689i	0.2939+1.4696i	0.3479+1.1651i	2.6888+2.6228i	−0.9736−2.7260i
56.0	−0.5335−0.7108i	0.1420+0.9648i	1.6367−0.9090i	0.1889+1.3426i	0.2182+1.0420i	2.3429+2.3879i	−0.8703−2.5395i

56.1	-0.4672-0.9846i	0.0769+1.1798i	1.7480-1.6675i	0.1271+1.5491i	0.1267+1.2885i	2.2181+3.0055i	-0.6964-2.7190i
56.2	-0.6417-1.0094i	0.2227+1.1957i	1.2153-1.6194i	0.2959+1.5503i	0.2930+1.3075i	2.6710+2.9953i	-0.8004-2.8185i
56.3	-0.6763-0.8913i	0.2425+1.0664i	1.0902-1.2704i	0.3201+1.3987i	0.3183+1.1622i	2.7817+2.6755i	-0.8506-2.6847i
56.4	-0.7139-0.8310i	0.2869+0.9933i	1.0693-1.1343i	0.3618+1.3092i	0.3700+1.0804i	2.8582+2.5247i	-0.8847-2.6152i
56.5	-0.7552-0.7717i	0.3292+0.9384i	1.0511-0.9975i	0.4196+1.2427i	0.4141+1.0211i	2.9483+2.4007i	-0.9570-2.5364i
56.6	-0.7405-0.7317i	0.3170+0.8833i	1.0564-0.8814i	0.4212+1.1650i	0.4017+0.9637i	2.9421+2.2749i	-0.9606-2.4798i
56.7	-0.7455-0.7059i	0.3142+0.8410i	1.0812-0.7453i	0.4376+1.0999i	0.4046+0.9091i	2.9451+2.1411i	-0.9689-2.4388i
56.8	-0.7623-0.6863i	0.3141+0.7962i	1.1141-0.6449i	0.4196+1.0307i	0.4005+0.8603i	2.9410+2.0440i	-0.9777-2.3910i
56.9	-0.7459-0.6653i	0.2816+0.7740i	1.2118-0.5674i	0.3658+0.9984i	0.3651+0.8377i	2.8905+1.9682i	-0.9513-2.3451i
57.0	-0.7158-0.6137i	0.2436+0.7101i	1.3258-0.4140i	0.3348+0.9226i	0.3286+0.7648i	2.8305+1.8209i	-0.9662-2.2573i
57.1	-0.6088-0.5896i	0.1384+0.6588i	1.6504-0.3895i	0.2151+0.8714i	0.2080+0.7053i	2.5986+1.7518i	-0.8733-2.1883i
57.2	-0.5842-0.7914i	0.0788+0.8180i	1.6508-0.8997i	0.1325+1.0037i	0.1264+0.8688i	2.5592+2.1164i	-0.7771-2.2710i
57.3	-0.6966-0.7875i	0.1605+0.8071i	1.3424-0.8518i	0.2188+0.9952i	0.2152+0.8611i	2.8304+2.0623i	-0.8360-2.2823i
57.4	-0.7205-0.7566i	0.1537+0.7534i	1.2644-0.7273i	0.1925+0.9368i	0.2193+0.8075i	2.8385+1.9278i	-0.8303-2.2370i
57.5	-0.7629-0.7243i	0.1800+0.7297i	1.2073-0.6290i	0.2222+0.9140i	0.2518+0.7808i	2.9267+1.8602i	-0.8557-2.2037i
57.6	-0.7664-0.7187i	0.1641+0.7252i	1.2510-0.5706i	0.2272+0.9222i	0.2385+0.7823i	2.9287+1.8092i	-0.8254-2.2033i
57.7	-0.8003-0.7065i	0.1510+0.7271i	1.3088-0.4896i	0.2033+0.9297i	0.2232+0.7882i	2.9049+1.7558i	-0.8345-2.1712i
57.8	-0.8218-0.6755i	0.1537+0.7097i	1.3213-0.4187i	0.2053+0.9194i	0.2227+0.7625i	2.9175+1.6873i	-0.8378-2.1217i
57.9	-0.8069-0.6518i	0.1131+0.6824i	1.3500-0.3538i	0.1799+0.9073i	0.1744+0.7311i	2.8930+1.6278i	-0.7914-2.0777i
58.0	-0.7963-0.6225i	0.0794+0.6527i	1.3557-0.3135i	0.1756+0.8799i	0.1431+0.6987i	2.8770+1.5637i	-0.7618-2.0420i
58.1	-0.7851-0.6117i	0.0321+0.6733i	1.4360-0.2574i	0.1796+0.8870i	0.0916+0.7187i	2.8850+1.5167i	-0.7347-2.0211i
58.2	-0.8241-0.5990i	0.0548+0.6759i	1.4823-0.2497i	0.1920+0.8875i	0.1181+0.7262i	2.8817+1.5001i	-0.7390-2.0354i
58.3	-0.8385-0.5923i	0.0622+0.6831i	1.5356-0.2181i	0.1992+0.8799i	0.1275+0.7395i	2.8981+1.4924i	-0.7176-2.0620i
58.4	-0.8306-0.6046i	0.0424+0.7141i	1.5955-0.1779i	0.1882+0.8694i	0.1059+0.7787i	2.8715+1.4393i	-0.7039-2.0505i
58.5	-0.8121-0.5960i	0.0103+0.7031i	1.6272-0.1752i	0.1691+0.8657i	0.0657+0.7643i	2.8378+1.3892i	-0.7109-2.0338i
58.6	-0.7970-0.6250i	-0.0246+0.7462i	1.6775-0.2219i	0.1479+0.8831i	0.0242+0.8114i	2.8435+1.4150i	-0.6909-2.0461i
58.7	-0.8390-0.6371i	0.0059+0.7975i	1.7091-0.2225i	0.1809+0.9123i	0.0658+0.8737i	2.9062+1.4374i	-0.6936-2.0451i
58.8	-0.8771-0.6235i	0.0510+0.8264i	1.7109-0.2238i	0.2149+0.9255i	0.1210+0.9079i	2.9298+1.4168i	-0.6882-2.0336i
58.9	-0.8871-0.6121i	0.0417+0.8197i	1.7073-0.2313i	0.2159+0.9161i	0.1110+0.8983i	2.9264+1.3715i	-0.6563-2.0423i
59.0	-0.9132-0.5994i	0.0720+0.8173i	1.7796-0.2204i	0.2169+0.9097i	0.1475+0.9018i	2.9156+1.3248i	-0.6319-1.9875i
59.1	-0.9190-0.6250i	0.0837+0.8553i	1.8467-0.2606i	0.2164+0.9425i	0.1623+0.9426i	2.9044+1.2894i	-0.5960-1.9850i
59.2	-0.9117-0.5567i	0.0798+0.7993i	1.8027-0.2914i	0.2421+0.9145i	0.1649+0.8756i	2.9159+1.1965i	-0.5931-1.9708i
59.3	-0.9422-0.5349i	0.1209+0.8121i	1.8148-0.3184i	0.3099+0.9215i	0.2116+0.8903i	2.9475+1.1257i	-0.5804-1.9797i
59.4	-0.8813-0.5677i	0.0753+0.8267i	1.8431-0.2902i	0.2862+0.9285i	0.1523+0.9096i	2.8398+1.0722i	-0.5057-1.9635i
59.5	-0.8779-0.5131i	0.1068+0.7493i	1.7981-0.3432i	0.3145+0.8498i	0.1968+0.8275i	2.8456+1.0154i	-0.5198-1.9474i
59.6	-0.8861-0.4741i	0.1106+0.7311i	1.7498-0.3606i	0.3108+0.7924i	0.2031+0.8019i	2.8130+0.9997i	-0.5315-1.9440i
59.7	-0.8572-0.5179i	0.0713+0.7706i	1.7396-0.3254i	0.4035+0.8434i	0.1647+0.8440i	2.7556+1.0283i	-0.4557-1.9870i
59.8	-0.8806-0.5295i	0.0889+0.7908i	1.7578-0.3029i	0.4026+0.7776i	0.1866+0.8698i	2.7199+1.0763i	-0.4532-2.0057i
59.9	-0.8885-0.5306i	0.1045+0.7740i	1.7499-0.2736i	2.7364+9.0740i	0.1898+0.8591i	2.7201+1.0661i	-0.4514-2.0189i
60.0	-0.8652-0.5546i	0.0572+0.7493i	1.6914-0.2183i	3.4369+19.1548i	0.1401+0.8279i	2.7224+1.0016i	-0.4455-2.0513i
60.1	-0.8952-0.5625i	0.0970+0.7803i	1.7094-0.2058i	0.4254+16.1228i	0.1894+0.8618i	2.7320+1.0559i	-0.4342-2.0151i
60.2	-0.9327-0.5786i	0.0648+0.8151i	1.7209-0.1538i	0.3281+0.5019i	0.1695+0.8884i	2.7017+1.0995i	-0.4108-2.0562i
60.3	-0.9564-0.5478i	0.0691+0.8036i	1.7251-0.1152i	0.3847+0.7059i	0.1785+0.8796i	2.7361+1.0703i	-0.4237-2.0558i
60.4	-0.9542-0.5494i	0.0442+0.8360i	1.7546-0.0561i	0.3243+0.6776i	0.1546+0.9097i	2.7245+1.0755i	-0.4235-2.0464i
60.5	-0.9555-0.5596i	0.0497+0.8789i	1.8303-0.0319i	0.3084+0.6820i	0.1644+0.9528i	2.7072+1.0992i	-0.3715-2.0700i
60.6	-0.9903-0.5506i	0.0914+0.8824i	1.8821-0.0338i	0.3538+0.6481i	0.2101+0.9605i	2.7632+1.1035i	-0.4110-2.1194i
60.7	-1.0346-0.5401i	0.1349+0.9037i	1.9200-0.0190i	0.3585+0.6497i	0.2621+0.9845i	2.7430+1.1208i	-0.4508-2.1148i
60.8	-1.0688-0.5323i	0.1781+0.9210i	1.9726-0.0145i	0.3651+0.6510i	0.3175+1.0049i	2.7785+1.1312i	-0.4034-2.1040i
60.9	-1.0751-0.5043i	0.1868+0.9038i	1.9960-0.0159i	0.3670+0.6398i	0.3234+0.9799i	2.7943+1.1059i	-0.3855-2.0973i
61.0	-1.0838-0.4900i	0.1753+0.8855i	2.0181+0.0082i	0.3475+0.6174i	0.3138+0.9626i	2.8007+1.0936i	-0.3535-2.0846i
61.1	-1.0926-0.4544i	0.2031+0.8503i	2.0538-0.0060i	0.3664+0.5801i	0.3499+0.9173i	2.8369+1.0654i	-0.3632-2.0917i
61.2	-1.0992-0.4373i	0.2200+0.8773i	2.0995-0.0194i	0.3677+0.5758i	0.3730+0.9337i	2.8457+1.0754i	-0.3701-2.1105i
61.3	-1.0950-0.4345i	0.2117+0.8933i	2.1288-0.0226i	0.3553+0.5580i	0.3688+0.9583i	2.8347+1.0640i	-0.3569-2.0909i
61.4	-1.0887-0.3819i	0.2316+0.8218i	2.1256-0.0135i	0.3404+0.5156i	0.3923+0.8852i	2.8679+1.0394i	-0.3835-2.0766i
61.5	-1.0941-0.3648i	0.2537+0.7983i	2.1564-0.0493i	0.3251+0.5063i	0.4166+0.8463i	2.9001+1.0306i	-0.3714-2.1008i
61.6	-1.1045-0.3557i	0.2526+0.8017i	2.1919-0.0619i	0.3183+0.5023i	0.4183+0.8427i	2.9144+1.0276i	-0.3520-2.1052i
61.7	-1.0998-0.3341i	0.2326+0.8088i	2.2169-0.0368i	0.3019+0.4965i	0.3996+0.8533i	2.9249+1.0283i	-0.3311-2.1103i
61.8	-1.0878-0.3280i	0.2006+0.8270i	2.2196-0.0252i	0.2614+0.4847i	0.3607+0.8671i	2.9045+1.0116i	-0.2841-2.1540i
61.9	-1.0869-0.3151i	0.2004+0.7880i	2.2529-0.0475i	0.2589+0.4782i	0.3587+0.8195i	2.9077+0.9702i	-0.2588-2.1327i
62.0	-1.0447-0.3078i	0.2015+0.7575i	2.2946-0.0481i	0.2340+0.4460i	0.3536+0.7880i	2.9420+0.9333i	-0.2691-2.1010i
62.1	-1.0117-0.3130i	0.1830+0.7694i	2.3208-0.0446i	0.1995+0.4682i	0.3271+0.8011i	2.9474+0.9148i	-0.2689-2.1468i
62.2	-1.0157-0.2894i	0.1875+0.7817i	2.3338-0.0877i	0.1946+0.4576i	0.3377+0.8042i	2.9341+0.8888i	-0.3077-2.1686i
62.3	-1.0087-0.2854i	0.1973+0.7902i	2.3633-0.1131i	0.1849+0.4544i	0.3457+0.8074i	2.9520+0.9044i	-0.2782-2.1752i

62.4	-0.9960-0.2806i	0.1781+0.7832i	2.3953-0.1184i	0.1600+0.4679i	0.3228+0.8057i	2.9490+0.8734i	-0.2293-2.1295i
62.5	-0.9974-0.2988i	0.1638+0.7864i	2.4062-0.1138i	0.1407+0.4797i	0.3091+0.8095i	2.9660+0.8450i	-0.1938-2.1410i
62.6	-1.0158-0.3193i	0.1924+0.7929i	2.4181-0.1261i	0.1465+0.4913i	0.3461+0.8216i	2.9990+0.8350i	-0.2138-2.1824i
62.7	-1.0194-0.3231i	0.1984+0.7663i	2.4391-0.1393i	0.1244+0.5181i	0.3482+0.7939i	3.0143+0.8091i	-0.2234-2.1951i
62.8	-1.0157-0.3213i	0.1915+0.7594i	2.4518-0.1410i	0.1141+0.5187i	0.3352+0.7842i	2.9553+0.7825i	-0.1719-2.1491i
62.9	-1.0124-0.3671i	0.1849+0.7632i	2.4825-0.1493i	0.1086+0.5465i	0.3309+0.7934i	2.9612+0.7559i	-0.1238-2.2179i
63.0	-0.9913-0.3662i	0.1587+0.7522i	2.5171-0.1489i	0.0711+0.5512i	0.3042+0.7882i	2.9872+0.7413i	-0.1419-2.1775i
63.1	-1.0160-0.3622i	0.1256+0.7299i	2.5391-0.1271i	0.0701+0.5642i	0.2795+0.7718i	2.9614+0.7505i	-0.1252-2.1698i
63.2	-1.0190-0.3640i	0.1182+0.7169i	2.5905-0.1297i	0.0719+0.5978i	0.2684+0.7630i	2.9510+0.7199i	-0.1268-2.1287i
63.3	-1.0259-0.3449i	0.0814+0.6887i	2.5823-0.1406i	0.0638+0.5944i	0.2262+0.7333i	2.9151+0.7155i	-0.1146-2.1356i
63.4	-1.0583-0.3635i	0.0395+0.6975i	2.5742-0.1630i	0.0739+0.6061i	0.1934+0.7400i	2.9064+0.7113i	-0.0658-2.1661i
63.5	-1.0984-0.3911i	-0.0122+0.7415i	2.6506-0.1788i	0.0958+0.6338i	0.1613+0.7909i	2.8975+0.7463i	0.0509-2.2610i
63.6	-1.0804-0.3636i	-0.0655+0.7518i	2.6768-0.1839i	0.0967+0.6229i	0.1167+0.7977i	2.9096+0.7365i	0.0352-2.2678i
63.7	-1.0975-0.3587i	-0.1042+0.7319i	2.7017-0.2376i	0.1088+0.6351i	0.0790+0.7683i	2.8894+0.6968i	0.0921-2.2245i
63.8	-1.1363-0.3673i	-0.1123+0.7644i	2.7592-0.2341i	0.1245+0.6612i	0.0787+0.8008i	2.8783+0.7580i	0.1677-2.2929i
63.9	-1.1579-0.3497i	-0.1633+0.8189i	2.7628-0.3004i	0.1348+0.6652i	0.0358+0.8527i	2.8344+0.7412i	0.2405-2.3469i
64.0	-1.1288-0.3487i	-0.2282+0.8773i	2.7522-0.2965i	0.0967+0.6488i	-0.0392+0.9021i	2.7973+0.7297i	0.3043-2.3606i
64.1	-1.1461-0.3472i	-0.2241+0.8904i	2.7963-0.2920i	0.1013+0.6750i	-0.0378+0.9211i	2.7925+0.7917i	0.3499-2.4333i
64.2	-1.1430-0.3543i	-0.2247+0.9174i	2.8306-0.3252i	0.1295+0.7005i	-0.0318+0.9427i	2.8322+0.7599i	0.3525-2.4097i
64.3	-1.1694-0.3501i	-0.2939+1.0243i	2.8738-0.3424i	0.1399+0.7377i	-0.0964+1.0492i	2.8016+0.8490i	0.4038-2.5587i
64.4	-1.2171-0.3262i	-0.3421+1.0551i	2.8624-0.4176i	0.1709+0.7425i	-0.1289+1.0674i	2.7643+0.9144i	0.4534-2.6754i
64.5	-1.2125-0.3261i	-0.3604+1.1311i	2.8927-0.4861i	0.1653+0.7716i	-0.1525+1.1453i	2.7558+0.9555i	0.5465-2.7348i
64.6	-1.2411-0.3182i	-0.3712+1.1828i	2.8625-0.4970i	0.1494+0.7663i	-0.1738+1.1888i	2.7516+1.0088i	0.5703-2.8528i
64.7	-1.2720-0.3159i	-0.3749+1.3003i	2.8407-0.5384i	0.1980+0.7683i	-0.1580+1.2966i	2.7803+1.0386i	0.5845-3.0187i
64.8	-1.2974-0.3573i	-0.4435+1.3950i	2.9190-0.5372i	0.1994+0.8130i	-0.2141+1.3968i	2.7597+1.1018i	0.7555-3.1054i
64.9	-1.3181-0.3321i	-0.4420+1.5345i	2.9246-0.5399i	0.2158+0.8248i	-0.2165+1.5282i	2.8509+1.1577i	0.7463-3.2205i
65.0	-1.3621-0.3006i	-0.4065+1.6856i	2.8643-0.5741i	0.2543+0.8438i	-0.1792+1.6700i	2.8822+1.2380i	0.6600-3.3910i
65.1	-1.3824-0.2842i	-0.4038+1.7666i	2.8593-0.6115i	0.2631+0.8602i	-0.1698+1.7438i	2.8882+1.2767i	0.6501-3.5193i
65.2	-1.3932-0.2566i	-0.3749+1.8848i	2.9026-0.5989i	0.2472+0.8777i	-0.1462+1.8551i	2.9701+1.3576i	0.6871-3.7163i
65.3	-1.3588-0.2181i	-0.2982+1.9416i	2.9140-0.5639i	0.2560+0.8698i	-0.0763+1.9084i	3.0796+1.3549i	0.5997-3.7136i
65.4	-1.3573-0.1979i	-0.2530+2.0678i	2.9562-0.5334i	0.2547+0.9211i	-0.0402+2.0403i	3.1330+1.4696i	0.5505-3.8850i
65.5	-1.3604-0.1837i	-0.2675+2.1640i	3.0327-0.5578i	0.2549+0.9322i	-0.0481+2.1151i	3.2066+1.4757i	0.5892-4.0255i
65.6	-1.3556-0.1538i	-0.2079+2.2962i	3.0544-0.5632i	0.2942+0.9552i	0.0166+2.2437i	3.2849+1.5658i	0.4262-4.1871i
65.7	-1.3530-0.1585i	-0.1183+2.4553i	3.0471-0.5569i	0.3219+1.0002i	0.0972+2.4031i	3.3316+1.6665i	0.3201-4.3649i
65.8	-1.3608-0.1445i	0.0132+2.6210i	3.0449-0.6188i	0.3430+1.0247i	0.2141+2.5530i	3.4516+1.6819i	0.1448-4.5391i
65.9	-1.3517-0.1448i	0.1823+2.7047i	3.1259-0.6543i	0.3531+1.0330i	0.3681+2.6381i	3.5879+1.6728i	0.0311-4.5764i
66.0	-1.3441-0.1648i	0.3295+2.7795i	3.2069-0.6744i	0.3714+1.0711i	0.5112+2.7197i	3.7339+1.6744i	0.0224-4.5954i
66.1	-1.3683-0.1548i	0.4628+2.9300i	3.2888-0.7154i	0.4410+1.1618i	0.6477+2.8807i	3.9086+1.7636i	-0.1284-4.7809i
66.2	-1.4019-0.1353i	0.7019+3.0388i	3.2758-0.8143i	0.5139+1.2060i	0.8730+2.9905i	4.0787+1.7609i	-0.3323-4.9312i
66.3	-1.4062-0.1328i	0.8970+3.0337i	3.2122-0.8753i	0.5685+1.1986i	1.0579+2.9947i	4.1444+1.6670i	-0.4921-4.9221i
66.4	-1.3819-0.1337i	1.0826+2.9793i	3.2209-0.8748i	0.5831+1.2115i	1.2319+2.9526i	4.2275+1.5724i	-0.5926-4.8791i
66.5	-1.3877-0.1318i	1.2612+3.0193i	3.2124-0.8881i	0.6525+1.2618i	1.4163+3.0024i	4.3341+1.5861i	-0.7215-4.9806i
66.6	-1.3882-0.1418i	1.4728+3.0606i	3.2443-0.8875i	0.7344+1.2981i	1.6349+3.0618i	4.4991+1.5873i	-0.8818-5.0225i
66.7	-1.4287-0.1271i	1.6911+2.9479i	3.1637-0.9764i	0.8320+1.2553i	1.8532+2.9437i	4.5869+1.4596i	-1.1114-5.0728i
66.8	-1.4718-0.1124i	1.8813+2.9104i	3.1905-1.0198i	0.9541+1.2656i	2.0589+2.9054i	4.6841+1.3653i	-1.2618-5.0514i
66.9	-1.4986-0.1149i	2.0748+2.8781i	3.2020-1.0777i	1.0431+1.2622i	2.2511+2.8672i	4.7840+1.2814i	-1.3571-5.1647i
67.0	-1.5119-0.0827i	2.3257+2.7627i	3.2300-1.1082i	1.1712+1.1923i	2.5057+2.7554i	4.9545+1.1768i	-1.6011-5.1012i
67.1	-1.5182-0.0858i	2.5096+2.6264i	3.1887-1.0981i	1.2789+1.1539i	2.6951+2.6359i	4.9483+1.1562i	-1.7326-5.0524i
67.2	-1.5441-0.0791i	2.6256+2.4985i	3.1193-1.1165i	1.3031+1.1009i	2.7993+2.5023i	4.9513+1.1216i	-1.8805-5.1455i
67.3	-1.5756-0.0637i	2.7314+2.3418i	3.1692-1.2079i	1.3765+0.9957i	2.9175+2.3277i	5.0449+0.9257i	-1.9675-5.0610i
67.4	-1.6242-0.0377i	2.9117+2.2746i	3.1749-1.3102i	1.4999+0.9593i	3.1129+2.2533i	5.1515+0.8638i	-2.1446-5.1543i
67.5	-1.6011+0.0036i	3.0012+2.0326i	3.2218-1.3475i	1.5553+0.8565i	3.2091+2.0165i	5.3088+0.7143i	-2.3026-4.9306i
67.6	-1.6547+0.0634i	3.1650+1.7849i	3.1184-1.4018i	1.5786+0.6962i	3.3576+1.7566i	5.3083+0.5715i	-2.5913-4.8632i
67.7	-1.6824+0.0897i	3.2625+1.5939i	3.1261-1.3937i	1.6518+0.5914i	3.4566+1.5725i	5.4141+0.4948i	-2.8010-4.7907i
67.8	-1.6859+0.0979i	3.2819+1.4916i	3.1693-1.3697i	1.6722+0.5497i	3.4818+1.4801i	5.4883+0.5034i	-2.8561-4.7812i
67.9	-1.6888+0.1164i	3.2460+1.3682i	3.1578-1.3186i	1.6303+0.4899i	3.4430+1.3695i	5.5226+0.4919i	-2.9748-4.6724i
68.0	-1.6971+0.1847i	3.2550+1.1373i	3.0718-1.3930i	1.6337+0.3589i	3.4514+1.1381i	5.5507+0.3363i	-3.1907-4.5330i
68.1	-1.7049+0.1775i	3.2495+1.0822i	3.0807-1.3630i	1.6163+0.3264i	3.4479+1.0889i	5.6400+0.3287i	-3.2585-4.5322i
68.2	-1.7250+0.2182i	3.3028+0.9026i	3.1273-1.3386i	1.6248+0.2503i	3.5079+0.9216i	5.8125+0.2448i	-3.4077-4.3963i
68.3	-1.7376+0.2485i	3.3366+0.7958i	3.2013-1.4057i	1.6280+0.1842i	3.5432+0.8147i	5.9210+0.1116i	-3.4774-4.2708i
68.4	-1.7507+0.2459i	3.3119+0.7840i	3.1857-1.4301i	1.6076+0.1679i	3.5125+0.7986i	5.9378+0.0067i	-3.5047-4.2429i
68.5	-1.7810+0.2828i	3.3219+0.6453i	3.0789-1.4512i	1.5734+0.1011i	3.5244+0.6749i	5.8741-0.0811i	-3.7022-4.0874i
68.6	-1.8009+0.3155i	3.3574+0.5473i	3.0297-1.5243i	1.5794+0.0656i	3.5665+0.5718i	5.9548-0.2207i	-3.8275-4.0013i

68.7	−1.8212+0.3415i	3.3758+0.4443i	3.0535−1.5016i	1.5596+0.0065i	3.5781+0.4724i	6.0497−0.3310i	−3.8254−3.8674i
68.8	−1.8555+0.4037i	3.3929+0.2267i	3.0282−1.5017i	1.5614−0.0982i	3.6076+0.2621i	6.1120−0.5920i	−3.9271−3.5561i
68.9	−1.8645+0.4732i	3.4498+0.0489i	2.9704−1.4724i	1.5827−0.1733i	3.6708+0.1064i	6.1225−0.6826i	−4.0854−3.4161i
69.0	−1.8864+0.5025i	3.4714−0.0268i	3.0638−1.3611i	1.6008−0.2086i	3.7051+0.0507i	6.2207−0.6372i	−4.0599−3.3270i
69.1	−1.8796+0.5714i	3.4371−0.1282i	3.1142−1.2796i	1.5909−0.2155i	3.6825−0.0298i	6.2511−0.7059i	−4.0927−3.2071i
69.2	−1.8843+0.6945i	3.3989−0.4279i	3.1219−1.3709i	1.5451−0.3478i	3.6498−0.3362i	6.3379−1.0849i	−4.1757−2.9639i
69.3	−1.8691+0.7284i	3.3251−0.5473i	3.1527−1.4501i	1.5044−0.4159i	3.5857−0.4740i	6.2913−1.3443i	−4.1081−2.8555i
69.4	−1.8727+0.7741i	3.3374−0.6334i	3.2520−1.5151i	1.5072−0.4276i	3.6254−0.5471i	6.3833−1.4807i	−4.1060−2.8468i
69.5	−1.8302+0.8552i	3.2660−0.8198i	3.2353−1.4097i	1.4738−0.5117i	3.5678−0.7043i	6.2989−1.5049i	−4.1659−2.6127i
69.6	−1.7965+0.9107i	3.1306−0.9353i	3.1645−1.4342i	1.3962−0.5549i	3.4427−0.8228i	6.1703−1.7175i	−4.2070−2.4869i
69.7	−1.7628+0.9447i	2.9818−1.0104i	3.2991−1.4970i	1.3292−0.5729i	3.3251−0.8990i	6.1866−1.9684i	−4.1327−2.2815i
69.8	−1.7116+0.9357i	2.8674−1.0390i	3.3272−1.4992i	1.2906−0.5771i	3.2304−0.9177i	6.0896−2.0708i	−4.0174−2.1412i
69.9	−1.7127+0.9880i	2.8778−1.1397i	3.3366−1.5140i	1.2912−0.6149i	3.2612−1.0281i	6.0787−2.1556i	−3.9921−2.0704i
70.0	−1.7318+1.0647i	2.9313−1.2715i	3.3157−1.6183i	1.3315−0.6885i	3.3325−1.1680i	6.0821−2.3676i	−4.1163−1.9976i
70.1	−1.7073+1.0949i	2.8868−1.3633i	3.4275−1.7107i	1.3336−0.7225i	3.3270−1.2653i	6.1642−2.5577i	−4.0150−1.8776i
70.2	−1.6481+1.1198i	2.7247−1.4302i	3.3465−1.6907i	1.2550−0.7634i	3.1766−1.3360i	5.8993−2.6440i	−3.8996−1.7277i
70.3	−1.6428+1.1685i	2.6606−1.5610i	3.3948−1.8524i	1.2160−0.8418i	3.1333−1.4950i	5.8515−2.9429i	−3.8416−1.6903i
70.4	−1.6136+1.1872i	2.6124−1.6031i	3.3803−1.9251i	1.2024−0.8358i	3.0992−1.5448i	5.7731−3.0990i	−3.8130−1.6566i
70.5	−1.6330+1.2649i	2.6073−1.7362i	3.4523−1.8413i	1.2200−0.8903i	3.1218−1.6683i	5.8010−3.1125i	−3.8605−1.5955i
70.6	−1.5560+1.2862i	2.4731−1.7846i	3.4564−1.8125i	1.1850−0.8920i	3.0083−1.7344i	5.6520−3.1094i	−3.7811−1.5179i
70.7	−1.4577+1.3359i	2.2874−1.8950i	3.4082−2.0155i	1.1073−0.9447i	2.8383−1.8954i	5.3938−3.4004i	−3.6344−1.3612i
70.8	−1.4681+1.4321i	2.2535−2.0475i	3.5576−2.0688i	1.1068−1.0318i	2.8417−2.0528i	5.4798−3.4811i	−3.6613−1.3768i
70.9	−1.3933+1.4461i	2.0883−2.1061i	3.5247−2.1127i	1.0472−1.0761i	2.6972−2.1421i	5.2660−3.6176i	−3.5817−1.2996i
71.0	−1.3349+1.4470i	1.9677−2.1158i	3.5153−2.1761i	1.0057−1.1083i	2.5797−2.1789i	5.1359−3.6491i	−3.4925−1.2766i
71.1	−1.3271+1.5015i	1.9279−2.2057i	3.6508−2.1788i	1.0148−1.1764i	2.5604−2.2767i	5.2229−3.7434i	−3.5269−1.2791i
71.2	−1.2995+1.5029i	1.8334−2.2275i	3.6937−2.2049i	0.9588−1.2000i	2.4768−2.3086i	5.1221−3.7754i	−3.4604−1.2877i
71.3	−1.2650+1.4587i	1.7328−2.1602i	3.5987−2.2166i	0.8991−1.1753i	2.3618−2.2641i	4.8894−3.7103i	−3.3549−1.3148i
71.4	−1.1974+1.5130i	1.5988−2.2437i	3.5918−2.3200i	0.8265−1.2332i	2.2223−2.3819i	4.6856−3.8247i	−3.3601−1.1780i
71.5	−1.1291+1.5653i	1.4343−2.3135i	3.5537−2.4791i	0.7343−1.2811i	2.0753−2.4907i	4.4868−4.0193i	−3.3638−1.0321i
71.6	−1.0425+1.5712i	1.2566−2.3197i	3.5709−2.5489i	0.6574−1.2853i	1.9041−2.5191i	4.3912−4.0383i	−3.2903−1.0485i
71.7	−1.0270+1.5902i	1.1846−2.3390i	3.5915−2.6273i	0.6263−1.3123i	1.8440−2.5609i	4.3269−4.0670i	−3.3021−1.0704i
71.8	−0.9667+1.6235i	1.0804−2.3514i	3.6290−2.8926i	0.5809−1.3371i	1.7719−2.6229i	4.2749−4.2697i	−3.3687−1.0765i
71.9	−0.9245+1.6316i	0.9545−2.3372i	3.6817−2.9716i	0.5174−1.3339i	1.6576−2.6185i	4.2767−4.2868i	−3.3360−1.0701i
72.0	−0.8212+1.6127i	0.7591−2.2836i	3.4250−2.9761i	0.3822−1.3008i	1.4091−2.5893i	3.8945−4.1703i	−3.2238−0.9715i
72.1	−0.7272+1.6345i	0.5842−2.2594i	3.3556−3.1961i	0.2823−1.3178i	1.2216−2.6284i	3.6945−4.3002i	−3.1812−0.8768i
72.2	−0.6948+1.6281i	0.5110−2.2013i	3.2043−3.2164i	0.2433−1.3092i	1.1231−2.5932i	3.5309−4.2457i	−3.1637−0.8201i
72.3	−0.6729+1.6026i	0.4347−2.1325i	3.1980−3.3620i	0.2066−1.2876i	1.0525−2.5675i	3.4694−4.3322i	−3.1283−0.8022i
72.4	−0.6255+1.5947i	0.3781−2.0705i	3.1831−3.4964i	0.1777−1.2420i	0.9950−2.5223i	3.4256−4.3638i	−3.1418−0.8688i
72.5	−0.5442+1.5768i	0.2761−2.0195i	3.1049−3.5418i	0.1437−1.2308i	0.8879−2.4842i	3.3516−4.3006i	−3.1647−0.7932i
72.6	−0.4789+1.6122i	0.1796−2.0418i	2.9002−3.6171i	0.0933−1.2534i	0.7617−2.5382i	3.1747−4.3186i	−3.2030−0.7082i
72.7	−0.3951+1.5629i	0.0655−1.9310i	2.7435−3.7154i	0.0189−1.2137i	0.6060−2.4685i	3.0077−4.3456i	−3.1079−0.5876i
72.8	−0.3456+1.5139i	0.0154−1.8401i	2.4686−3.7416i	−0.0132−1.1465i	0.5211−2.3835i	2.7642−4.2678i	−3.1468−0.5596i
72.9	−0.3006+1.5000i	−0.0416−1.7985i	2.4473−3.7613i	−0.0579−1.1481i	0.4509−2.3573i	2.7427−4.2597i	−3.0829−0.5683i
73.0	−0.2555+1.4396i	−0.0605−1.6995i	2.4426−3.7078i	−0.0559−1.1022i	0.4286−2.2653i	2.8029−4.1678i	−2.9837−0.5039i
73.1	−0.2330+1.4215i	−0.1041−1.6652i	2.2857−3.8017i	−0.0946−1.0987i	0.3608−2.2570i	2.6850−4.2525i	−3.0138−0.5022i
73.2	−0.2232+1.4216i	−0.1004−1.6304i	2.1005−3.8192i	−0.1203−1.0773i	0.3304−2.2328i	2.4905−4.2391i	−2.9741−0.4618i
73.3	−0.1906+1.3802i	−0.1582−1.5566i	1.9453−3.8037i	−0.1592−1.0614i	0.2443−2.1775i	2.3459−4.2104i	−2.9182−0.3011i
73.4	−0.1503+1.3227i	−0.2064−1.4923i	1.7722−3.7337i	−0.2035−1.0514i	0.1555−2.1066i	2.1791−4.1394i	−2.9124−0.2878i
73.5	−0.1356+1.2837i	−0.2395−1.4579i	1.7024−3.6057i	−0.2419−1.0401i	0.1031−2.0585i	2.1364−4.0005i	−2.8751−0.2185i
73.6	−0.1122+1.2283i	−0.2556−1.3846i	1.6028−3.4362i	−0.2596−0.9993i	0.0636−1.9630i	2.0373−3.8105i	−2.7586−0.2174i
73.7	−0.0819+1.1693i	−0.2699−1.3041i	1.5876−3.4445i	−0.2632−0.9492i	0.0491−1.8849i	2.0183−3.7636i	−2.7211−0.2249i
73.8	−0.1068+1.1918i	−0.2616−1.3054i	1.6781−3.4688i	−0.2847−0.9468i	0.0627−1.8952i	2.0914−3.7911i	−2.6701−0.2196i
73.9	−0.0867+1.1896i	−0.3000−1.2998i	1.6133−3.4201i	−0.3077−0.9582i	0.0114−1.8857i	2.0453−3.7301i	−2.6548−0.1943i
74.0	−0.0681+1.1154i	−0.3098−1.2226i	1.4829−3.4193i	−0.3181−0.9306i	−0.0189−1.8310i	1.9473−3.7587i	−2.6882−0.0831i
74.1	−0.0438+1.1106i	−0.3432−1.1621i	1.2518−3.3973i	−0.3727−0.8772i	−0.1019−1.7718i	1.6606−3.7498i	−2.6295+0.0105i
74.2	−0.0230+1.0749i	−0.3939−1.1297i	1.1839−3.2164i	−0.4205−0.8592i	−0.1832−1.7142i	1.6145−3.5802i	−2.5094+0.0346i
74.3	−0.0483+1.0287i	−0.3532−1.1082i	1.2917−3.2117i	−0.4089−0.8548i	−0.1397−1.6985i	1.7191−3.6072i	−2.4782+0.0620i
74.4	−0.0599+0.9712i	−0.3314−1.0136i	1.2037−3.1237i	−0.3935−0.7966i	−0.1275−1.6022i	1.6311−3.5395i	−2.4615+0.1837i
74.5	−0.0532+0.9787i	−0.3770−0.9838i	1.2292−3.0472i	−0.4535−0.7555i	−0.1764−1.5529i	1.6790−3.4206i	−2.3899+0.1507i
74.6	−0.0682+0.9323i	−0.3454−0.9071i	1.1281−2.9020i	−0.4471−0.6764i	−0.1760−1.4425i	1.5611−3.2414i	−2.2365+0.1552i
74.7	−0.1000+0.9276i	−0.3145−0.8904i	1.1716−2.8797i	−0.4416−0.6733i	−0.1535−1.4245i	1.5572−3.2108i	−2.1836+0.1674i
74.8	−0.0399+0.9654i	−0.3732−0.9048i	1.0890−2.9129i	−0.4728−0.6947i	−0.2145−1.4609i	1.5243−3.2358i	−2.2962+0.2037i
74.9	−0.0210+0.9033i	−0.3865−0.8505i	1.0307−2.6953i	−0.4689−0.6431i	−0.2320−1.3701i	1.4533−3.0263i	−2.1638+0.2004i

75.0	-0.0492+0.8667i	-0.3519-0.7914i	1.1365-2.7620i	-0.4361-0.6170i	-0.1920-1.3271i	1.5564-3.1226i	-2.0914+0.1795i
75.1	-0.0970+0.8422i	-0.3088-0.7318i	1.1718-2.7270i	-0.4274-0.5782i	-0.1437-1.2620i	1.5829-3.0684i	-1.9908+0.1255i
75.2	-0.0614+0.8077i	-0.3347-0.6874i	1.1368-2.6873i	-0.4376-0.5357i	-0.1819-1.2072i	1.5522-3.0447i	-1.9008+0.1961i
75.3	-0.0753+0.8284i	-0.3690-0.6903i	1.1299-2.6723i	-0.4708-0.5062i	-0.2078-1.1826i	1.5464-2.9691i	-1.8497+0.1200i
75.4	-0.0881+0.7675i	-0.3176-0.6502i	1.1357-2.4857i	-0.4266-0.4960i	-0.1508-1.1285i	1.5472-2.7915i	-1.7415+0.1525i
75.5	-0.0741+0.8004i	-0.3142-0.6662i	1.1135-2.4895i	-0.4295-0.5092i	-0.1597-1.1433i	1.4899-2.7947i	-1.7603+0.1016i
75.6	-0.1333+0.7481i	-0.2798-0.6255i	1.2482-2.4204i	-0.4314-0.4779i	-0.1120-1.1002i	1.5954-2.7505i	-1.6870+0.0990i
75.7	-0.1387+0.7045i	-0.2678-0.5601i	1.2589-2.4289i	-0.4143-0.4437i	-0.0993-1.0465i	1.6005-2.7783i	-1.6504+0.1633i
75.8	-0.0916+0.7024i	-0.2933-0.5232i	1.2157-2.4579i	-0.4000-0.4062i	-0.1229-1.0058i	1.5985-2.7575i	-1.6219+0.1865i
75.9	-0.0743+0.7187i	-0.3115-0.4822i	1.2194-2.3806i	-0.4105-0.3485i	-0.1469-0.9490i	1.5941-2.6507i	-1.4522+0.1606i
76.0	-0.1151+0.7181i	-0.2713-0.4593i	1.1191-2.3750i	-0.4052-0.3199i	-0.1285-0.9319i	1.4374-2.6690i	-1.3856+0.1299i
76.1	-0.0976+0.7184i	-0.2802-0.4583i	1.0090-2.4473i	-0.3991-0.3217i	-0.1456-0.9466i	1.3509-2.7419i	-1.4161+0.1473i
76.2	-0.1038+0.7040i	-0.2938-0.4378i	1.0771-2.3640i	-0.4141-0.2896i	-0.1549-0.9197i	1.4296-2.6332i	-1.3795+0.2300i
76.3	-0.1372+0.6709i	-0.2285-0.4306i	1.1189-2.3334i	-0.3728-0.3069i	-0.0954-0.9130i	1.4039-2.5841i	-1.3125+0.0964i
76.4	-0.1345+0.6847i	-0.2179-0.4470i	1.0940-2.4010i	-0.3665-0.3258i	-0.0689-0.9338i	1.4137-2.6482i	-1.3225+0.0262i
76.5	-0.1266+0.6761i	-0.2188-0.4099i	1.1831-2.3229i	-0.3422-0.2666i	-0.0572-0.8985i	1.5428-2.6257i	-1.2073+0.0498i
76.6	-0.1453+0.6881i	-0.1865-0.3989i	1.2003-2.4155i	-0.3174-0.2748i	-0.0250-0.9231i	1.5536-2.7639i	-1.1739+0.0012i
76.7	-0.1697+0.7177i	-0.1528-0.4395i	1.1829-2.3571i	-0.3035-0.2948i	0.0119-0.9426i	1.5351-2.6015i	-1.1041-0.0950i
76.8	-0.1649+0.7087i	-0.1268-0.4268i	1.1621-2.1327i	-0.2490-0.2620i	0.0345-0.8900i	1.4919-2.3414i	-1.0104-0.1304i
76.9	-0.1323+0.6807i	-0.1202-0.3694i	1.1584-2.1196i	-0.2287-0.2300i	0.0310-0.8435i	1.4741-2.3493i	-1.0071-0.1445i
77.0	-0.1488+0.6343i	-0.0727-0.3583i	1.2011-2.1518i	-0.1847-0.2695i	0.0788-0.8277i	1.4887-2.4104i	-0.9836-0.1861i
77.1	-0.0949+0.6696i	-0.1117-0.3864i	1.1199-2.1288i	-0.1946-0.2766i	0.0360-0.8576i	1.4453-2.3736i	-0.9042-0.2473i
77.2	-0.1443+0.6214i	-0.0652-0.3683i	1.1236-2.0339i	-0.1658-0.2745i	0.1007-0.8324i	1.4396-2.2339i	-0.8806-0.3819i
77.3	-0.1739+0.6462i	-0.0510-0.3935i	1.1457-2.0033i	-0.1697-0.2781i	0.1353-0.8571i	1.4790-2.1768i	-0.9216-0.5001i
77.4	-0.1813+0.6686i	-0.0852-0.3984i	1.1466-2.0349i	-0.1896-0.2682i	0.0871-0.8751i	1.4857-2.2275i	-0.9309-0.3486i
77.5	-0.1378+0.6392i	-0.0597-0.3551i	1.0795-1.9924i	-0.1538-0.2601i	0.0841-0.8396i	1.4035-2.1867i	-0.9032-0.3788i
77.6	-0.1410+0.5864i	-0.0420-0.3353i	1.1357-1.8911i	-0.1298-0.2705i	0.0974-0.8214i	1.4361-2.1431i	-0.9516-0.3858i
77.7	-0.1321+0.6162i	-0.0489-0.3870i	1.1183-1.8974i	-0.1289-0.3021i	0.0934-0.8750i	1.4033-2.1060i	-0.8933-0.4982i
77.8	-0.0896+0.6657i	-0.0798-0.4271i	1.0907-2.0286i	-0.1496-0.3376i	0.0630-0.9452i	1.4165-2.2086i	-0.9642-0.4726i
77.9	-0.1256+0.6626i	-0.0632-0.4347i	1.1092-2.0293i	-0.1484-0.3492i	0.0801-0.9463i	1.4288-2.1902i	-1.0612-0.5263i
78.0	-0.1809+0.6987i	-0.0577-0.4451i	1.0447-2.0796i	-0.1944-0.3534i	0.0882-0.9864i	1.3432-2.2081i	-1.0144-0.5282i
78.1	-0.2233+0.7268i	-0.0034-0.4446i	1.0727-1.9440i	-0.1069-0.3501i	0.1539-0.9742i	1.4017-2.0265i	-0.9263-0.5698i
78.2	-0.1695+0.6839i	-0.0500-0.4759i	1.1556-1.6602i	-0.0977-0.3856i	0.1393-0.9520i	1.5461-1.6974i	-1.0462-0.6581i
78.3	-0.1733+0.6252i	-0.0393-0.4435i	1.3582-1.6698i	-0.0510-0.3968i	0.1679-0.9495i	1.7246-1.7770i	-1.0008-0.7333i
78.4	-0.1606+0.6638i	-0.0536-0.4717i	1.3685-1.7572i	-0.0772-0.4210i	0.1616-1.0076i	1.7822-1.8616i	-1.0389-0.6600i
78.5	-0.1506+0.6890i	-0.0764-0.4871i	1.3139-1.8611i	-0.1058-0.4583i	0.1207-1.0636i	1.7340-1.9792i	-1.0822-0.6695i
78.6	-0.1125+0.6966i	-0.1045-0.5065i	1.2214-1.7493i	-0.1433-0.4744i	0.0719-1.0791i	1.6470-1.8519i	-1.1710-0.7102i
78.7	-0.1726+0.7126i	-0.0612-0.5200i	1.2088-1.7032i	-0.1436-0.4828i	0.1133-1.0935i	1.6177-1.7607i	-1.0827-0.6827i
78.8	-0.1616+0.7677i	-0.0970-0.5514i	1.3543-1.8325i	-0.1601-0.5388i	0.0848-1.1759i	1.7764-1.9325i	-1.1215-0.7293i
78.9	-0.0105+0.7903i	-0.1673-0.5559i	1.3022-2.0050i	-0.1670-0.5679i	-0.0674-1.2348i	1.7382-2.1813i	-1.0315-0.7452i
79.0	0.1138+0.6834i	-0.2335-0.4903i	0.7327-2.1693i	-0.2758-0.5472i	-0.2987-1.1673i	1.1275-2.3819i	-0.9424-0.6924i
79.1	0.0188+0.5739i	-0.1991-0.4125i	0.5735-1.8273i	-0.3047-0.4804i	-0.2562-1.0055i	0.9227-1.9588i	-1.0210-0.6996i
79.2	-0.0070+0.6132i	-0.1670-0.4837i	0.7097-1.4675i	-0.2686-0.5014i	-0.1799-1.0163i	1.0929-1.5449i	-1.1630-0.7719i
79.3	0.0590+0.5438i	-0.2176-0.4508i	0.7916-1.2819i	-0.2758-0.4987i	-0.2316-0.9640i	1.2098-1.3863i	-1.2099-0.7479i
79.4	0.0096+0.5483i	-0.2302-0.4336i	0.8356-1.2233i	-0.3125-0.4817i	-0.2416-0.9519i	1.2764-1.3090i	-1.1794-0.7460i
79.5	-0.0175+0.5372i	-0.2046-0.4308i	0.9297-1.1907i	-0.3257-0.4786i	-0.2186-0.9447i	1.3934-1.2710i	-1.2273-0.7783i
79.6	-0.0148+0.4635i	-0.2205-0.4048i	1.0888-1.1388i	-0.3234-0.4921i	-0.2063-0.9006i	1.5653-1.2549i	-1.2008-0.7567i
79.7	-0.0137+0.4644i	-0.2334-0.4050i	1.0791-1.0840i	-0.3523-0.4722i	-0.2508-0.8854i	1.5442-1.2034i	-1.2190-0.7025i
79.8	-0.0547+0.5183i	-0.2439-0.4390i	1.1530-1.0959i	-0.3791-0.4920i	-0.2426-0.9297i	1.6524-1.2121i	-1.2722-0.6919i
79.9	-0.0536+0.5165i	-0.2962-0.4241i	1.2974-0.9440i	-0.3854-0.4651i	-0.2394-0.8654i	1.8899-1.0406i	-1.3390-0.6110i
80.0	-0.0621+0.5161i	-0.2937-0.4310i	1.3522-0.8977i	-0.3970-0.4697i	-0.2491-0.8850i	1.9275-1.0346i	-1.3380-0.5985i

2.1.91 Run 8 – VT315-200 – Accels 1–8

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	6.4734+0.0000i	16.4903+0.0000i	-2.5750+0.0000i	18.7151+0.0000i	-1.7424+0.0000i	9.6960+0.0000i	5.5377+0.0000i	6.7590+0.0000i
0.1	0.8827+0.0110i	1.9633-0.4510i	-0.4386+0.1421i	2.1827-0.3829i	-0.8058+0.0127i	1.5426-0.1012i	0.0665+0.0856i	1.3300-3.3867i
0.2	-0.0195+0.0091i	0.0486+0.0576i	0.0438+0.1231i	0.0223+0.1332i	-0.2195+0.1199i	-0.2935+0.0910i	-0.5820-0.0414i	0.0674-1.1426i
0.3	0.0009-0.0295i	0.0121-0.0533i	0.0494-0.0126i	0.0402-0.0116i	0.0396+0.0648i	-0.0605-0.0719i	0.0188-0.1326i	-0.1767-0.0257i
0.4	-0.0047+0.0010i	-0.0059-0.0171i	0.0168-0.0120i	0.0055-0.0085i	0.0645+0.0203i	0.0128+0.0259i	0.0629-0.0079i	-0.0732+0.0237i
0.5	-0.0019+0.0036i	0.0168-0.0009i	0.0284+0.0020i	0.0001-0.0002i	0.0215+0.0134i	0.0079+0.0051i	-0.0035-0.0165i	-0.0080+0.0352i
0.6	0.0020+0.0068i	0.0032-0.0059i	0.0244+0.0058i	-0.0062-0.0044i	0.0077-0.0080i	0.0008+0.0053i	0.0008-0.0207i	0.0003-0.0016i
0.7	-0.0022+0.0001i	-0.0015-0.0151i	0.0209+0.0002i	-0.0049-0.0106i	0.0049-0.0021i	-0.0021-0.0017i	0.0027-0.0001i	0.0030+0.0018i
0.8	-0.0049-0.0063i	0.0075-0.0156i	0.0300-0.0009i	0.0070-0.0096i	0.0013+0.0030i	-0.0008-0.0014i	0.0027-0.0021i	-0.0034-0.0016i
0.9	-0.0004-0.0021i	-0.0110-0.0101i	0.0223+0.0009i	-0.0083-0.0035i	-0.0028+0.0028i	-0.0014+0.0007i	0.0015+0.0008i	-0.0066-0.0098i
1.0	0.0026-0.0007i	-0.0026+0.0023i	0.0304+0.0111i	-0.0110+0.0006i	-0.0022+0.0034i	-0.0011-0.0002i	-0.0037+0.0004i	-0.0040+0.0005i
1.1	0.0047-0.0024i	0.0047-0.0110i	0.0496+0.0102i	-0.0038-0.0088i	0.0001+0.0028i	0.0002+0.0006i	-0.0049+0.0011i	-0.0056+0.0012i
1.2	0.0105-0.0015i	0.0024-0.0148i	0.0557+0.0043i	-0.0083-0.0078i	0.0010+0.0013i	0.0023+0.0007i	-0.0081+0.0004i	-0.0036-0.0014i
1.3	0.0128-0.0013i	0.0004-0.0103i	0.0624+0.0043i	-0.0086-0.0090i	0.0000+0.0005i	0.0009+0.0000i	-0.0085-0.0013i	-0.0028-0.0005i
1.4	0.0100+0.0010i	0.0075-0.0212i	0.0764-0.0016i	-0.0031-0.0125i	-0.0011-0.0001i	0.0022+0.0008i	-0.0088-0.0031i	-0.0008+0.0008i
1.5	0.0120+0.0087i	-0.0029-0.0092i	0.0785+0.0062i	-0.0170-0.0051i	-0.0010+0.0007i	0.0038-0.0003i	-0.0108-0.0024i	-0.0007-0.0001i
1.6	0.0203+0.0060i	-0.0042-0.0129i	0.0924+0.0036i	-0.0239-0.0074i	-0.0024+0.0013i	0.0071-0.0026i	-0.0117-0.0024i	-0.0002-0.0059i
1.7	0.0239+0.0027i	0.0064-0.0100i	0.1113+0.0081i	-0.0130-0.0053i	-0.0031+0.0011i	0.0107-0.0013i	-0.0141-0.0006i	-0.0120-0.0040i
1.8	0.0307+0.0049i	0.0041+0.0013i	0.1259+0.0159i	-0.0266-0.0031i	-0.0044+0.0008i	0.0213-0.0007i	-0.0170-0.0003i	-0.0162+0.0018i
1.9	0.0364+0.0012i	0.0268-0.0181i	0.1645-0.0004i	-0.0255-0.0081i	-0.0059+0.0015i	0.0449-0.0120i	-0.0185-0.0017i	-0.0169+0.0037i
2.0	0.0360-0.0059i	0.0474-0.0988i	0.2007-0.0793i	-0.0240-0.0228i	-0.0028+0.0007i	0.0639-0.0892i	-0.0202-0.0000i	-0.0213+0.0185i
2.1	0.0381-0.0019i	-0.0632-0.1745i	0.0916-0.1827i	-0.0332-0.0128i	-0.0064-0.0025i	-0.0880-0.2136i	-0.0218+0.0000i	0.0046+0.0407i
2.2	0.0447+0.0050i	-0.1518+0.0182i	-0.0104+0.0529i	-0.0339-0.0092i	-0.0120+0.0035i	-0.2109+0.0938i	-0.0245-0.0019i	0.0249-0.0057i
2.3	0.0528+0.0021i	-0.0099+0.0530i	0.1696+0.0990i	-0.0314-0.0042i	-0.0128+0.0047i	0.0069+0.1312i	-0.0269-0.0017i	-0.0124-0.0146i
2.4	0.0597+0.0074i	-0.0149-0.0051i	0.1902+0.0515i	-0.0431-0.0067i	-0.0062+0.0203i	0.0176+0.0519i	-0.0285-0.0009i	-0.0085+0.0141i
2.5	0.0610+0.0104i	-0.0379-0.0173i	0.2124+0.0296i	-0.0461-0.0097i	0.0109+0.0153i	0.0008+0.0265i	-0.0320-0.0011i	0.0117+0.0120i
2.6	0.0654+0.0045i	-0.0368-0.0062i	0.2219+0.0222i	-0.0511-0.0096i	0.0090+0.0069i	0.0039+0.0308i	-0.0340-0.0013i	0.0103+0.0014i
2.7	0.0712+0.0072i	-0.0339+0.0015i	0.2395+0.0235i	-0.0525+0.0005i	0.0086+0.0049i	0.0115+0.0205i	-0.0372-0.0002i	0.0100+0.0003i
2.8	0.0803-0.0019i	-0.0401-0.0082i	0.2514+0.0155i	-0.0589-0.0024i	0.0059+0.0031i	0.0087+0.0118i	-0.0417-0.0008i	0.0054+0.0025i
2.9	0.0904-0.0021i	-0.0405-0.0142i	0.2703+0.0137i	-0.0646-0.0065i	0.0022+0.0032i	0.0055+0.0099i	-0.0451-0.0019i	0.0032+0.0023i
3.0	0.1008-0.0030i	-0.0354-0.0239i	0.2956+0.0141i	-0.0609-0.0103i	0.0038+0.0018i	0.0026+0.0074i	-0.0496-0.0023i	0.0045+0.0020i
3.1	0.1016-0.0029i	-0.0348+0.0109i	0.3108+0.0292i	-0.0638+0.0068i	0.0033+0.0025i	0.0016+0.0073i	-0.0515-0.0024i	0.0038+0.0007i
3.2	0.1093-0.0066i	-0.0610+0.0162i	0.3168+0.0264i	-0.0849+0.0107i	0.0034+0.0047i	0.0006+0.0073i	-0.0552-0.0017i	0.0046+0.0022i
3.3	0.1251+0.0103i	-0.0544-0.0130i	0.3465+0.0117i	-0.0845-0.0046i	0.0013+0.0026i	-0.0001+0.0067i	-0.0605-0.0030i	0.0028+0.0039i
3.4	0.1236+0.0192i	-0.0445+0.0102i	0.3680+0.0309i	-0.0773+0.0044i	0.0008+0.0029i	0.0025+0.0065i	-0.0649-0.0055i	0.0020+0.0021i
3.5	0.1323+0.0108i	-0.0554+0.0132i	0.3945+0.0305i	-0.0754+0.0055i	0.0012+0.0026i	0.0068+0.0051i	-0.0718-0.0062i	0.0020+0.0021i
3.6	0.1575-0.0254i	-0.0949+0.0324i	0.4001+0.0348i	-0.0881+0.0200i	0.0023+0.0037i	0.0112-0.0050i	-0.0832-0.0032i	0.0057+0.0050i
3.7	0.1429-0.0142i	-0.0204+0.0311i	0.4782+0.0623i	-0.0871+0.0178i	0.0015+0.0009i	-0.0127-0.0105i	-0.0859+0.0062i	0.0101+0.0050i
3.8	0.1607-0.0042i	-0.0447+0.0084i	0.4966+0.0345i	-0.1152+0.0071i	0.0030+0.0004i	-0.0139-0.0039i	-0.0898+0.0021i	0.0096+0.0018i
3.9	0.1678+0.0052i	-0.0473+0.0039i	0.5163+0.0327i	-0.1188+0.0008i	0.0012+0.0003i	-0.0109+0.0007i	-0.0928+0.0001i	0.0080+0.0007i
4.0	0.1773+0.0068i	-0.0478+0.0016i	0.5406+0.0311i	-0.1247-0.0027i	0.0006-0.0005i	-0.0071+0.0019i	-0.0977-0.0018i	0.0072-0.0001i
4.1	0.1888+0.0085i	-0.0469-0.0004i	0.5626+0.0287i	-0.1326-0.0033i	0.0003-0.0012i	-0.0056-0.0008i	-0.1049-0.0025i	0.0073-0.0007i
4.2	0.2018+0.0074i	-0.0495-0.0083i	0.5877+0.0234i	-0.1384-0.0070i	0.0005-0.0007i	-0.0053-0.0018i	-0.1124-0.0027i	0.0074-0.0005i
4.3	0.2158+0.0099i	-0.0507-0.0059i	0.6224+0.0233i	-0.1483-0.0053i	-0.0005-0.0011i	-0.0038-0.0045i	-0.1209-0.0035i	0.0077-0.0013i
4.4	0.2272+0.0104i	-0.0506+0.0052i	0.6464+0.0258i	-0.1561+0.0004i	-0.0019-0.0036i	-0.0036-0.0073i	-0.1282-0.0039i	0.0077-0.0012i
4.5	0.2422+0.0025i	-0.0528-0.0033i	0.6766+0.0141i	-0.1650+0.0016i	-0.0024-0.0020i	-0.0045-0.0097i	-0.1381-0.0035i	0.0080-0.0006i
4.6	0.2566-0.0012i	-0.0576-0.0085i	0.7098+0.0079i	-0.1793-0.0002i	-0.0029+0.0001i	-0.0019-0.0150i	-0.1505-0.0051i	0.0093+0.0003i
4.7	0.2794+0.0032i	-0.0692-0.0125i	0.7313+0.0148i	-0.1948+0.0106i	-0.0046+0.0062i	-0.0165-0.0335i	-0.1621-0.0019i	0.0107+0.0067i
4.8	0.2881+0.0066i	-0.1180-0.0143i	0.7378+0.0218i	-0.2038+0.0118i	0.0049+0.0096i	-0.0512-0.0280i	-0.1677+0.0048i	0.0228+0.0081i
4.9	0.3112+0.0151i	-0.1218+0.0243i	0.7657+0.0486i	-0.2067-0.0044i	0.0041-0.0019i	-0.0553+0.0073i	-0.1764-0.0054i	0.0227-0.0011i
5.0	0.3455+0.0319i	-0.0551+0.0245i	0.8765+0.0726i	-0.2456-0.0167i	-0.0008+0.0030i	-0.0206+0.0199i	-0.2096-0.0171i	0.0170+0.0015i
5.1	0.3587+0.0294i	-0.0700+0.0188i	0.9021+0.0654i	-0.2622-0.0188i	0.0067+0.0048i	-0.0166+0.0175i	-0.2222-0.0186i	0.0268+0.0030i
5.2	0.3763+0.0155i	-0.0857+0.0218i	0.9283+0.0444i	-0.2867-0.0211i	0.0133-0.0067i	-0.0108+0.0156i	-0.2409-0.0148i	0.0349-0.0069i
5.3	0.4045-0.0188i	-0.0587+0.0469i	0.9447+0.0204i	-0.2948-0.0179i	-0.0023-0.0282i	-0.0052+0.0071i	-0.2626-0.0074i	0.0273-0.0248i
5.4	0.4462-0.0153i	-0.0086+0.0582i	0.9674+0.0575i	-0.3163-0.0173i	-0.0350-0.0304i	-0.0035+0.0081i	-0.2874-0.0058i	0.0036-0.0220i
5.5	0.4370+0.0070i	0.0258+0.0144i	1.0467+0.0860i	-0.3515-0.0161i	-0.0358-0.0056i	0.0018-0.0001i	-0.3118+0.0007i	0.0068-0.0047i
5.6	0.4971-0.0155i	0.0547-0.0286i	1.1229+0.0713i	-0.3771+0.0045i	-0.0325+0.0142i	-0.0075-0.0262i	-0.3502+0.0124i	0.0199+0.0071i

5.7	0.5282-0.0176i	0.0390-0.0473i	1.1481+0.0556i	-0.3954+0.0037i	-0.0247+0.0157i	-0.0284-0.0312i	-0.3709+0.0133i	0.0302+0.0098i
5.8	0.5628-0.0131i	0.0170-0.0474i	1.1668+0.0615i	-0.4305+0.0161i	-0.0211+0.0179i	-0.0404-0.0212i	-0.4041+0.0204i	0.0409+0.0088i
5.9	0.5970-0.0191i	0.0050-0.0456i	1.1935+0.0767i	-0.4610+0.0230i	-0.0160+0.0200i	-0.0489-0.0115i	-0.4332+0.0271i	0.0509+0.0084i
6.0	0.6475-0.0244i	0.0180-0.0328i	1.2333+0.0882i	-0.5013+0.0210i	-0.0148+0.0171i	-0.0491+0.0047i	-0.4784+0.0263i	0.0618+0.0053i
6.1	0.7067-0.0371i	0.0562-0.0383i	1.2789+0.1062i	-0.5555+0.0240i	-0.0171+0.0190i	-0.0376+0.0148i	-0.5373+0.0359i	0.0735+0.0044i
6.2	0.7647-0.0481i	0.0785-0.0562i	1.3171+0.1216i	-0.6068+0.0337i	-0.0155+0.0240i	-0.0306+0.0146i	-0.5922+0.0503i	0.0877+0.0036i
6.3	0.8369-0.0680i	0.1026-0.0748i	1.3556+0.1295i	-0.6728+0.0559i	-0.0111+0.0280i	-0.0273+0.0099i	-0.6650+0.0733i	0.1089-0.0009i
6.4	0.9069-0.0967i	0.1314-0.0936i	1.3841+0.1451i	-0.7373+0.0783i	-0.0078+0.0321i	-0.0269+0.0071i	-0.7383+0.0986i	0.1307-0.0050i
6.5	1.0056-0.1415i	0.1694-0.1240i	1.4171+0.1647i	-0.8301+0.1180i	0.0010+0.0343i	-0.0268+0.0070i	-0.8429+0.1458i	0.1666-0.0160i
6.6	1.1250-0.1773i	0.2450-0.1575i	1.4175+0.1847i	-0.9452+0.1505i	0.0019+0.0362i	-0.0273+0.0034i	-0.9786+0.1860i	0.2074-0.0269i
6.7	1.2686-0.2628i	0.3304-0.2298i	1.4064+0.2282i	-1.0798+0.2243i	0.0086+0.0409i	-0.0297+0.0003i	-1.1395+0.2791i	0.2599-0.0523i
6.8	1.5263-0.3682i	0.4914-0.3276i	1.3284+0.3108i	-1.3196+0.3186i	0.0169+0.0469i	-0.0365-0.0021i	-1.4322+0.4013i	0.3576-0.0881i
6.9	1.8214-0.6148i	0.6795-0.5390i	1.2242+0.4890i	-1.5994+0.5481i	0.0294+0.0589i	-0.0437+0.0024i	-1.7710+0.6924i	0.4743-0.1764i
7.0	2.1118-1.3031i	0.8426-1.1010i	1.1518+0.9584i	-1.8839+1.1939i	0.0637+0.0724i	-0.0451+0.0133i	-2.1071+1.4998i	0.6059-0.4373i
7.1	2.0519-2.4118i	0.6849-1.9888i	1.3570+1.7090i	-1.8470+2.2424i	0.1338+0.0612i	-0.0346+0.0230i	-2.0295+2.8075i	0.6271-0.8857i
7.2	0.7321-3.2839i	-0.4413-2.6146i	2.3720+2.2177i	-0.6103+3.0933i	0.1733-0.0321i	-0.0268+0.0062i	-0.4734+3.8536i	0.1321-1.3099i
7.3	-0.5677-2.8321i	-1.5239-2.2261i	3.2985+1.9367i	0.6259+2.6849i	0.1307-0.0931i	-0.0549+0.0121i	1.0744+3.3476i	-0.4296-1.2102i
7.4	-1.2975-1.8958i	-2.1955-1.4037i	3.9916+1.3412i	1.3208+1.8051i	0.0922-0.1203i	-0.0360+0.0438i	1.9787+2.2477i	-0.8090-0.8724i
7.5	-1.1866-1.0450i	-2.1102-0.6566i	4.0561+0.6936i	1.2281+1.0043i	0.0506-0.1302i	-0.0122+0.0319i	1.8793+1.2332i	-0.8344-0.5192i
7.6	-0.8107-0.6116i	-1.8136-0.2970i	3.9171+0.3513i	0.8855+0.5991i	0.0188-0.1202i	-0.0110+0.0147i	1.4607+0.7139i	-0.7334-0.3210i
7.7	-0.5369-0.4943i	-1.6409-0.2037i	3.8584+0.2499i	0.6305+0.4835i	0.0105-0.1095i	-0.0159+0.0106i	1.1602+0.5674i	-0.6533-0.2579i
7.8	-0.3683-0.4207i	-1.5869-0.1507i	3.9074+0.2141i	0.4743+0.4157i	0.0104-0.1117i	-0.0174+0.0107i	0.9872+0.4831i	-0.6195-0.2326i
7.9	-0.2796-0.3945i	-1.6278-0.1192i	4.0515+0.1847i	0.3846+0.3957i	0.0037-0.1187i	-0.0148+0.0114i	0.9123+0.4550i	-0.6385-0.2248i
8.0	-0.2004-0.3261i	-1.6683+0.0059i	4.1960+0.0668i	0.3140+0.3355i	-0.0152-0.1248i	-0.0141+0.0044i	0.8593+0.3583i	-0.6724-0.1738i
8.1	-0.0925-0.2900i	-1.6680+0.1013i	4.3037-0.0273i	0.2239+0.3072i	-0.0262-0.1309i	-0.0166+0.0012i	0.7681+0.3043i	-0.6791-0.1377i
8.2	-0.0223-0.2714i	-1.7278+0.1951i	4.4568-0.1146i	0.1518+0.2912i	-0.0392-0.1353i	-0.0147-0.0007i	0.7181+0.2649i	-0.7093-0.1032i
8.3	0.0485-0.2479i	-1.7671+0.2894i	4.6106-0.2002i	0.0848+0.2719i	-0.0557-0.1340i	-0.0120-0.0046i	0.6647+0.2195i	-0.7401-0.0601i
8.4	0.1237-0.2385i	-1.8041+0.3809i	4.7670-0.2932i	0.0092+0.2607i	-0.0740-0.1312i	-0.0124-0.0102i	0.6062+0.1845i	-0.7719-0.0146i
8.5	0.2141-0.2468i	-1.8833+0.4790i	4.9708-0.3986i	-0.0701+0.2641i	-0.0880-0.1264i	-0.0142-0.0159i	0.5503+0.1606i	-0.8141+0.0353i
8.6	0.3153-0.2554i	-1.9994+0.6011i	5.2102-0.4988i	-0.1646+0.2801i	-0.1020-0.1183i	-0.0152-0.0218i	0.4918+0.1355i	-0.8695+0.0931i
8.7	0.4203-0.2767i	-2.1751+0.7588i	5.5043-0.6240i	-0.2735+0.3164i	-0.1157-0.1154i	-0.0144-0.0250i	0.4337+0.1228i	-0.9506+0.1594i
8.8	0.5269-0.3484i	-2.3528+1.0285i	5.8049-0.9046i	-0.3862+0.3885i	-0.1310-0.1070i	-0.0156-0.0313i	0.3825+0.1256i	-1.0288+0.2821i
8.9	0.6368-0.4503i	-2.5154+1.4053i	6.1077-1.2806i	-0.4892+0.5097i	-0.1416-0.0921i	-0.0134-0.0437i	0.3277+0.1329i	-1.0971+0.4482i
9.0	0.6892-0.5984i	-2.5355+1.9271i	6.2558-1.7834i	-0.5424+0.6690i	-0.1534-0.0826i	-0.0174-0.0578i	0.2801+0.1520i	-1.1097+0.6643i
9.1	0.7625-0.7176i	-2.5179+2.2772i	6.3751-2.1077i	-0.6126+0.7919i	-0.1530-0.0769i	-0.0273-0.0712i	0.2020+0.1870i	-1.0820+0.7992i
9.2	0.8933-1.0421i	-2.8334+3.2638i	6.8060-3.0080i	-0.7547+1.1556i	-0.1687-0.0798i	-0.0375-0.0947i	0.1495+0.2892i	-1.2120+1.1595i
9.3	0.6662-1.5425i	-2.0462+4.8308i	6.2216-4.4848i	-0.5101+1.7202i	-0.1970-0.0615i	-0.0738-0.1186i	0.1958+0.4271i	-0.9440+1.7745i
9.4	-0.0434-1.7194i	0.3250+5.3999i	4.2119-4.9747i	0.2867+1.9186i	-0.2083-0.0178i	-0.1349-0.1011i	0.3653+0.4799i	-0.0568+2.0377i
9.5	-0.4995-1.4320i	1.8696+4.4938i	2.9446-4.0975i	0.8073+1.6055i	-0.1856+0.0074i	-0.1597-0.0567i	0.4755+0.4100i	0.5563+1.7116i
9.6	-0.6944-1.0216i	2.5609+3.1884i	2.5131-2.8445i	1.0169+1.1627i	-0.1603+0.0195i	-0.1594-0.0175i	0.5136+0.3083i	0.8517+1.2261i
9.7	-0.6303-0.6923i	2.4741+2.1350i	2.8697-1.8758i	0.9611+0.8095i	-0.1442+0.0178i	-0.1347+0.0081i	0.4900+0.2296i	0.8279+0.8200i
9.8	-0.5287-0.5434i	2.2585+1.5974i	3.2964-1.4096i	0.8625+0.6278i	-0.1356+0.0128i	-0.1157+0.0137i	0.4567+0.1893i	0.7475+0.6140i
9.9	-0.4187-0.4146i	2.0286+1.1521i	3.8026-1.0485i	0.7531+0.4837i	-0.1343+0.0100i	-0.1009+0.0083i	0.4184+0.1592i	0.6530+0.4459i
10.0	-0.3213-0.3471i	1.8090+0.9000i	4.2552-0.8633i	0.6466+0.4123i	-0.1337+0.0068i	-0.0944+0.0021i	0.3837+0.1477i	0.5709+0.3510i
10.1	-0.2357-0.3029i	1.6340+0.7166i	4.6509-0.7351i	0.5608+0.3568i	-0.1325+0.0034i	-0.0932-0.0026i	0.3537+0.1428i	0.5037+0.2836i
10.2	-0.1601-0.2958i	1.4728+0.5799i	5.0710-0.6755i	0.4835+0.3302i	-0.1326+0.0018i	-0.0950-0.0115i	0.3238+0.1532i	0.4403+0.2416i
10.3	-0.1155-0.3310i	1.3383+0.5611i	5.4315-0.6799i	0.4306+0.3680i	-0.1318+0.0005i	-0.0951-0.0179i	0.3104+0.1799i	0.3981+0.2241i
10.4	-0.1140-0.3421i	1.2838+0.5126i	5.7283-0.6528i	0.4262+0.3756i	-0.1336-0.0007i	-0.0970-0.0231i	0.3252+0.2005i	0.3802+0.2061i
10.5	-0.1221-0.3303i	1.2939+0.4485i	6.0591-0.6050i	0.4385+0.3403i	-0.1396-0.0020i	-0.1043-0.0274i	0.3494+0.1935i	0.3651+0.1830i
10.6	-0.1203-0.2971i	1.2866+0.3837i	6.3773-0.5191i	0.4299+0.3122i	-0.1422-0.0017i	-0.1119-0.0295i	0.3645+0.1741i	0.3560+0.1560i
10.7	-0.1059-0.2441i	1.2589+0.2939i	6.8016-0.4852i	0.4104+0.2832i	-0.1450-0.0012i	-0.1210-0.0318i	0.3635+0.1437i	0.3349+0.1287i
10.8	-0.0726-0.2097i	1.2341+0.1849i	7.2145-0.4287i	0.3762+0.2283i	-0.1482-0.0028i	-0.1281-0.0373i	0.3519+0.1176i	0.3132+0.1009i
10.9	-0.0335-0.2053i	1.1878+0.1589i	7.6371-0.4503i	0.3315+0.2117i	-0.1524-0.0034i	-0.1357-0.0366i	0.3320+0.1036i	0.2881+0.0848i
11.0	-0.0030-0.2010i	1.1609+0.1239i	8.1207-0.4538i	0.2845+0.1941i	-0.1578-0.0043i	-0.1426-0.0357i	0.3117+0.0970i	0.2646+0.0748i
11.1	0.0051-0.1875i	1.1457+0.0951i	8.5645-0.4412i	0.2485+0.1874i	-0.1627-0.0050i	-0.1486-0.0356i	0.2988+0.0938i	0.2496+0.0663i
11.2	0.0119-0.1835i	1.1713+0.0703i	9.1179-0.4465i	0.2161+0.1903i	-0.1694-0.0045i	-0.1568-0.0345i	0.2863+0.0915i	0.2358+0.0565i
11.3	0.0281-0.1766i	1.2076+0.0207i	9.6774-0.4704i	0.1766+0.1706i	-0.1730-0.0054i	-0.1647-0.0341i	0.2723+0.0872i	0.2237+0.0512i
11.4	0.0473-0.1688i	1.2545-0.0251i	10.2546-0.5564i	0.1507+0.1564i	-0.1777-0.0052i	-0.1706-0.0328i	0.2583+0.0842i	0.2123+0.0436i
11.5	0.0581-0.1497i	1.3198-0.0349i	10.9073-0.6125i	0.1287+0.1718i	-0.1848-0.0047i	-0.1760-0.0314i	0.2459+0.0809i	0.2013+0.0356i
11.6	0.0729-0.1327i	1.3504-0.0235i	11.5418-0.6055i	0.0911+0.1946i	-0.1925-0.0040i	-0.1826-0.0316i	0.2354+0.0779i	0.1935+0.0328i
11.7	0.0933-0.1176i	1.4342-0.0914i	12.3239-0.8355i	0.0611+0.2027i	-0.1990-0.0037i	-0.1908-0.0298i	0.2199+0.0787i	0.1835+0.0263i
11.8	0.1066-0.1150i	1.5307-0.1506i	13.1565-0.8629i	-0.0080+0.2002i	-0.2068-0.0049i	-0.2006-0.0305i	0.2057+0.0804i	0.1788+0.0176i
11.9	0.1209-0.1181i	1.7027-0.1987i	14.0651-0.9423i	-0.0429+0.2136i	-0.2123-0.0066i	-0.2058-0.0317i	0.1907+0.0856i	0.1784+0.0081i

12.0	0.1361-0.1154i	1.8696-0.2524i	15.1155-1.0849i	-0.0772+0.2290i	-0.2216-0.0091i	-0.2128-0.0360i	0.1779+0.0923i	0.1767-0.0039i
12.1	0.1494-0.1099i	2.1906-0.3649i	16.5023-1.3381i	-0.1115+0.2629i	-0.2323-0.0123i	-0.2214-0.0437i	0.1633+0.1031i	0.1795-0.0215i
12.2	0.1479-0.1226i	2.4454-0.5469i	17.5064-1.7581i	-0.1292+0.2812i	-0.2421-0.0150i	-0.2278-0.0504i	0.1587+0.1141i	0.1792-0.0418i
12.3	0.1413-0.1364i	2.8216-0.8341i	18.8048-2.2046i	-0.1651+0.3090i	-0.2538-0.0201i	-0.2376-0.0641i	0.1541+0.1285i	0.1763-0.0758i
12.4	0.1189-0.1385i	3.2655-1.2378i	20.4814-3.0780i	-0.1547+0.3491i	-0.2717-0.0215i	-0.2610-0.0856i	0.1570+0.1411i	0.1600-0.1224i
12.5	0.0898-0.1289i	3.7203-1.7283i	22.0311-3.9488i	-0.1359+0.3667i	-0.2911-0.0248i	-0.2924-0.1120i	0.1665+0.1470i	0.1366-0.1750i
12.6	0.0551-0.1156i	4.0578-2.2670i	23.4172-4.6782i	-0.1568+0.3843i	-0.3092-0.0283i	-0.3324-0.1401i	0.1769+0.1501i	0.0973-0.2255i
12.7	0.0017-0.0852i	4.4269-2.9991i	25.6747-5.8895i	-0.1666+0.4453i	-0.3426-0.0271i	-0.4181-0.1581i	0.1846+0.1460i	-0.0014-0.2707i
12.8	-0.0203-0.0503i	4.6193-3.7580i	27.3785-7.2604i	-0.1804+0.4889i	-0.3709-0.0218i	-0.5003-0.1432i	0.1882+0.1403i	-0.0981-0.2700i
12.9	-0.0445-0.0212i	5.2408-4.7390i	29.6166-8.3525i	-0.2099+0.4855i	-0.3956-0.0246i	-0.5855-0.1211i	0.1882+0.1338i	-0.1790-0.2585i
13.0	-0.0948+0.0349i	6.4512-6.0517i	33.1606-10.4281i	-0.2182+0.5200i	-0.4281-0.0185i	-0.6928-0.0681i	0.1901+0.1192i	-0.2692-0.2173i
13.1	-0.1369+0.1015i	7.8115-7.9481i	36.9682-13.5352i	-0.2392+0.5555i	-0.4636-0.0067i	-0.7969+0.0077i	0.1942+0.0982i	-0.3383-0.1614i
13.2	-0.2326+0.1713i	10.2981-11.2545i	42.4147-17.2955i	-0.2669+0.5792i	-0.5015-0.0123i	-0.9427+0.0925i	0.1896+0.0795i	-0.4119-0.1120i
13.3	-0.3087+0.2974i	11.0622-17.1701i	45.9479-24.4666i	-0.2901+0.6221i	-0.5406-0.0175i	-1.0460+0.2676i	0.1776+0.0632i	-0.4535-0.0498i
13.4	-0.3811+0.5555i	10.4494-31.3920i	50.2790-39.8167i	-0.2327+0.6716i	-0.6092-0.0425i	-1.1971+0.6759i	0.1497+0.0196i	-0.5208+0.0437i
13.5	-0.2609+0.7915i	-0.4938-40.5754i	43.5856-52.4181i	-0.1704+0.6507i	-0.7035-0.0313i	-1.0194+1.0383i	0.0824-0.0144i	-0.5346+0.1345i
13.6	-0.0184+1.0019i	-24.1802-47.2227i	27.9994-63.7253i	-0.2261+0.5635i	-0.8952-0.0108i	-0.5327+1.4054i	-0.0301-0.0082i	-0.5574+0.2524i
13.7	0.1369+0.9846i	-44.9280-39.5535i	15.9244-61.8234i	-0.4084+0.5883i	-1.1007+0.0690i	-0.0656+1.3691i	-0.1011+0.0558i	-0.5778+0.3325i
13.8	0.0949+0.9221i	-60.3336-16.1072i	12.5525-53.4390i	-0.6338+0.8540i	-1.3717+0.3279i	0.2537+0.9997i	-0.1173+0.1676i	-0.6333+0.4485i
13.9	-0.0338+1.0207i	-62.6769+2.8312i	16.7337-53.3947i	-0.7104+1.1818i	-1.5195+0.6549i	0.2624+0.7502i	-0.1132+0.2551i	-0.6605+0.5989i
14.0	-0.1863+1.3802i	-61.0419+23.8720i	20.5532-63.5526i	-0.6086+1.7025i	-1.6160+1.1864i	0.2021+0.6250i	-0.0632+0.3512i	-0.6612+0.8700i
14.1	0.0174+1.9464i	-48.4319+44.4879i	12.0953-79.3742i	-0.0965+2.0987i	-1.3364+1.8439i	0.1695+0.5955i	0.0241+0.3990i	-0.4486+1.1825i
14.2	0.7439+2.4853i	-24.2522+58.1045i	-11.4354-89.6343i	0.6823+2.1300i	-0.5935+2.3415i	0.2150+0.5875i	0.1187+0.3546i	-0.0063+1.3764i
14.3	1.7295+2.4119i	2.6449+55.4277i	-38.8928-81.7361i	1.3079+1.6564i	0.3307+2.2756i	0.2882+0.5152i	0.1361+0.2969i	0.4883+1.2445i
14.4	2.3307+1.8593i	17.4565+40.3961i	-52.6673-62.1244i	1.4271+1.0565i	0.8777+1.7597i	0.3182+0.4165i	0.1007+0.2791i	0.7372+0.9062i
14.5	2.4681+1.3395i	20.6579+28.3855i	-53.7835-46.6112i	1.3113+0.7278i	1.0032+1.3120i	0.3046+0.3359i	0.0936+0.2864i	0.7622+0.6521i
14.6	2.4258+0.9124i	19.4729+18.8545i	-50.0570-34.3913i	1.1281+0.4937i	0.9618+0.9417i	0.2695+0.2721i	0.0875+0.3072i	0.7102+0.4499i
14.7	2.3741+0.6368i	17.8419+12.5910i	-46.1775-26.5296i	0.9570+0.3757i	0.8999+0.7010i	0.2333+0.2340i	0.0788+0.3319i	0.6431+0.3162i
14.8	2.2886+0.4783i	15.8635+9.7339i	-42.9704-23.4205i	0.8565+0.3804i	0.8262+0.5866i	0.2126+0.2218i	0.0945+0.3593i	0.5843+0.2728i
14.9	2.1144+0.2094i	12.9639+5.8536i	-39.5301-18.6795i	0.8146+0.3981i	0.7262+0.4151i	0.1967+0.1959i	0.1797+0.4337i	0.5242+0.2090i
15.0	1.9461+0.1520i	10.5154+4.3764i	-36.6544-15.6425i	0.8145+0.3348i	0.6296+0.3279i	0.1779+0.1707i	0.2588+0.4085i	0.4828+0.1610i
15.1	1.8473+0.1577i	9.0363+3.6702i	-34.6142-13.3579i	0.8058+0.2447i	0.5581+0.2736i	0.1663+0.1513i	0.3133+0.3474i	0.4488+0.1297i
15.2	1.7899+0.1653i	7.9370+3.1831i	-32.5410-11.2500i	0.7589+0.1599i	0.4927+0.2369i	0.1547+0.1252i	0.3364+0.2945i	0.4127+0.1015i
15.3	1.7640+0.1837i	7.2183+2.8297i	-30.5355-9.5393i	0.6882+0.1045i	0.4423+0.2172i	0.1326+0.0982i	0.3324+0.2405i	0.3798+0.0847i
15.4	1.7667+0.1903i	6.6515+2.5692i	-28.7363-8.4493i	0.6219+0.0773i	0.4053+0.2051i	0.1072+0.0798i	0.3142+0.2011i	0.3552+0.0772i
15.5	1.7611+0.1815i	6.1799+2.2474i	-26.8834-7.4596i	0.5583+0.0586i	0.3723+0.1943i	0.0759+0.0650i	0.2917+0.1722i	0.3321+0.0712i
15.6	1.7545+0.1758i	5.8104+2.0141i	-25.6356-6.7768i	0.5310+0.0413i	0.3509+0.1831i	0.0503+0.0584i	0.2894+0.1624i	0.3115+0.0606i
15.7	1.7671+0.1741i	5.4092+1.6977i	-24.1911-6.1191i	0.4705+0.0178i	0.3263+0.1717i	0.0261+0.0576i	0.2691+0.1372i	0.2927+0.0562i
15.8	1.7862+0.1712i	5.1282+1.3549i	-22.9456-5.4766i	0.4211-0.0047i	0.3030+0.1558i	0.0008+0.0570i	0.2514+0.1165i	0.2769+0.0442i
15.9	1.7923+0.1706i	4.8070+1.1549i	-21.8739-5.1098i	0.3658-0.0023i	0.2821+0.1503i	-0.0207+0.0626i	0.2359+0.1047i	0.2586+0.0384i
16.0	1.8133+0.1706i	4.5518+0.9846i	-21.0806-4.7703i	0.3327-0.0028i	0.2666+0.1485i	-0.0402+0.0638i	0.2169+0.0988i	0.2498+0.0343i
16.1	1.8377+0.1798i	4.3196+0.8353i	-20.2475-4.4529i	0.2849-0.0100i	0.2512+0.1469i	-0.0619+0.0691i	0.1936+0.0902i	0.2387+0.0344i
16.2	1.8560+0.1629i	4.0644+0.7263i	-19.3780-4.3928i	0.2463+0.0036i	0.2400+0.1479i	-0.0706+0.0868i	0.1771+0.0942i	0.2179+0.0294i
16.3	1.8812+0.1543i	3.9127+0.6151i	-18.8317-4.0993i	0.2360+0.0071i	0.2333+0.1449i	-0.0837+0.0978i	0.1701+0.0991i	0.2048+0.0216i
16.4	1.9058+0.1528i	3.7226+0.5174i	-18.1346-3.9689i	0.2094+0.0140i	0.2249+0.1427i	-0.0927+0.1123i	0.1610+0.0959i	0.1867+0.0272i
16.5	1.9314+0.1564i	3.5798+0.3669i	-17.6272-3.8553i	0.1823-0.0026i	0.2174+0.1337i	-0.0949+0.1248i	0.1518+0.0903i	0.1746+0.0291i
16.6	1.9667+0.1584i	3.4023+0.2333i	-17.1008-3.7341i	0.1487+0.0026i	0.2049+0.1306i	-0.0891+0.1404i	0.1316+0.0834i	0.1603+0.0320i
16.7	2.0006+0.1273i	3.2157+0.1414i	-16.6824-3.6296i	0.1071+0.0165i	0.1938+0.1305i	-0.0723+0.1397i	0.1111+0.0926i	0.1388+0.0418i
16.8	2.0347+0.0991i	2.9817+0.0515i	-16.4447-3.4081i	0.0762+0.0511i	0.1881+0.1262i	-0.0636+0.1317i	0.0989+0.1109i	0.1331+0.0502i
16.9	2.0279+0.0837i	2.7785+0.0490i	-16.0249-3.0409i	0.0769+0.0588i	0.1748+0.1271i	-0.0671+0.1095i	0.1105+0.1137i	0.1239+0.0645i
17.0	2.0408+0.0885i	2.6683+0.0125i	-15.5145-3.0159i	0.0510+0.0552i	0.1644+0.1355i	-0.0820+0.1062i	0.1065+0.1017i	0.1198+0.0782i
17.1	2.0792+0.0877i	2.5038-0.0113i	-15.1127-2.9305i	0.0197+0.0458i	0.1619+0.1426i	-0.0882+0.1008i	0.0887+0.1003i	0.1091+0.0877i
17.2	2.1025+0.0625i	2.4329+0.0522i	-14.8019-2.6592i	-0.0063+0.0665i	0.1689+0.1403i	-0.1028+0.0887i	0.0749+0.1146i	0.1086+0.0993i
17.3	2.1011+0.0308i	2.4310+0.0072i	-14.3149-2.5475i	0.0031+0.0919i	0.1640+0.1364i	-0.1268+0.0925i	0.0817+0.1225i	0.1173+0.1094i
17.4	2.1153+0.0435i	2.3827-0.0957i	-13.9661-2.5556i	0.0047+0.0932i	0.1589+0.1389i	-0.1389+0.1033i	0.0862+0.1186i	0.1232+0.1111i
17.5	2.1489+0.0731i	2.2312-0.1769i	-13.6735-2.5872i	-0.0096+0.0679i	0.1615+0.1454i	-0.1423+0.1120i	0.0791+0.1041i	0.1293+0.1127i
17.6	2.1825+0.0820i	2.2074-0.1788i	-13.4465-2.5415i	-0.0321+0.0696i	0.1695+0.1440i	-0.1551+0.1087i	0.0669+0.0963i	0.1287+0.1148i
17.7	2.2191+0.0806i	2.1689-0.2154i	-13.1924-2.5836i	-0.0675+0.0806i	0.1782+0.1392i	-0.1721+0.1175i	0.0467+0.0954i	0.1362+0.1150i
17.8	2.2686+0.0537i	2.0526-0.3550i	-12.9739-2.6200i	-0.1035+0.0816i	0.1845+0.1316i	-0.1806+0.1321i	0.0261+0.1008i	0.1367+0.1162i
17.9	2.3125+0.0239i	1.8881-0.4565i	-12.8180-2.5116i	-0.1189+0.1058i	0.1821+0.1180i	-0.1753+0.1425i	0.0090+0.1170i	0.1311+0.1186i
18.0	2.3321+0.0106i	1.6994-0.4373i	-12.7470-2.4126i	-0.1277+0.1285i	0.1788+0.1088i	-0.1720+0.1381i	0.0076+0.1269i	0.1370+0.1238i
18.1	2.3386-0.0120i	1.5505-0.3950i	-12.5643-2.2850i	-0.1261+0.1202i	0.1698+0.0994i	-0.1767+0.1285i	0.0102+0.1313i	0.1407+0.1231i
18.2	2.3538-0.0037i	1.4852-0.3771i	-12.3356-2.1387i	-0.1274+0.1235i	0.1613+0.0968i	-0.1933+0.1216i	0.0084+0.1269i	0.1429+0.1219i

18.3	2.3715+0.0233i	1.3804-0.2904i	-12.1236-1.9911i	-0.1457+0.1182i	0.1550+0.0957i	-0.2108+0.1193i	-0.0001+0.1146i	0.1480+0.1173i
18.4	2.4143+0.0496i	1.3258-0.2196i	-11.8890-1.9012i	-0.1710+0.0859i	0.1515+0.0928i	-0.2280+0.1176i	-0.0229+0.0952i	0.1469+0.1036i
18.5	2.5131+0.0918i	1.3973-0.1429i	-11.6465-1.8841i	-0.2472+0.0620i	0.1557+0.0891i	-0.2599+0.1170i	-0.0853+0.0794i	0.1349+0.0823i
18.6	2.6495+0.0071i	1.4854-0.2050i	-11.4876-1.9011i	-0.3560+0.1427i	0.1570+0.0784i	-0.2895+0.1393i	-0.1556+0.1509i	0.0996+0.0908i
18.7	2.6557-0.1704i	1.4109-0.3821i	-11.4129-1.8836i	-0.3373+0.3045i	0.1476+0.0635i	-0.2938+0.1739i	-0.1295+0.2647i	0.0905+0.1270i
18.8	2.5793-0.2101i	1.2467-0.3657i	-11.3139-1.8085i	-0.2738+0.3362i	0.1345+0.0628i	-0.2881+0.1779i	-0.0707+0.2745i	0.1060+0.1365i
18.9	2.5599-0.2035i	1.1535-0.3587i	-11.1610-1.7032i	-0.2526+0.3288i	0.1245+0.0572i	-0.2958+0.1840i	-0.0467+0.2731i	0.1128+0.1338i
19.0	2.5599-0.1903i	1.0653-0.3379i	-10.9721-1.6219i	-0.2353+0.3374i	0.1169+0.0538i	-0.3080+0.1878i	-0.0334+0.2720i	0.1191+0.1346i
19.1	2.5698-0.1917i	1.0452-0.2755i	-10.7978-1.5406i	-0.2227+0.3358i	0.1084+0.0552i	-0.3293+0.1959i	-0.0297+0.2665i	0.1171+0.1330i
19.2	2.5834-0.1982i	1.0226-0.2427i	-10.6380-1.5009i	-0.2240+0.3490i	0.1002+0.0557i	-0.3440+0.2095i	-0.0272+0.2698i	0.1131+0.1300i
19.3	2.6061-0.2066i	0.9658-0.2572i	-10.4381-1.4133i	-0.2367+0.3536i	0.0912+0.0580i	-0.3671+0.2225i	-0.0237+0.2706i	0.1088+0.1329i
19.4	2.6156-0.2189i	0.9558-0.2823i	-10.2839-1.3522i	-0.2130+0.3440i	0.0837+0.0576i	-0.3725+0.2392i	-0.0193+0.2742i	0.1021+0.1348i
19.5	2.6231-0.2181i	0.9337-0.2466i	-10.1263-1.3160i	-0.1947+0.3529i	0.0723+0.0592i	-0.3855+0.2555i	-0.0054+0.2769i	0.0951+0.1424i
19.6	2.6323-0.2215i	0.8677-0.2184i	-9.9781-1.2893i	-0.1920+0.3642i	0.0579+0.0651i	-0.3987+0.2639i	0.0049+0.2770i	0.0894+0.1505i
19.7	2.6423-0.1999i	0.8365-0.1933i	-9.8306-1.2545i	-0.1930+0.3651i	0.0514+0.0754i	-0.4265+0.2779i	0.0088+0.2716i	0.0894+0.1554i
19.8	2.6473-0.1838i	0.8359-0.1586i	-9.7194-1.2334i	-0.1893+0.3658i	0.0505+0.0798i	-0.4295+0.2875i	0.0122+0.2651i	0.0851+0.1590i
19.9	2.6666-0.1712i	0.8426-0.1421i	-9.5303-1.2423i	-0.1615+0.3455i	0.0497+0.0921i	-0.4383+0.3109i	0.0112+0.2551i	0.0774+0.1685i
20.0	2.7010-0.1502i	0.8504-0.1472i	-9.4312-1.2149i	-0.1762+0.3266i	0.0435+0.1003i	-0.4814+0.3340i	0.0066+0.2445i	0.0659+0.1745i
20.1	2.7333-0.1505i	0.8032-0.1379i	-9.3036-1.2008i	-0.2087+0.3441i	0.0419+0.1081i	-0.4881+0.3459i	-0.0056+0.2488i	0.0537+0.1875i
20.2	2.7635-0.1588i	0.8020-0.1259i	-9.1825-1.1699i	-0.2150+0.3488i	0.0380+0.1158i	-0.5063+0.3511i	-0.0150+0.2523i	0.0414+0.2060i
20.3	2.7927-0.1682i	0.8071-0.1514i	-9.0533-1.1532i	-0.2072+0.3511i	0.0407+0.1194i	-0.5572+0.4003i	-0.0156+0.2590i	0.0399+0.2266i
20.4	2.8094-0.1737i	0.7815-0.1618i	-8.9584-1.1595i	-0.2098+0.3518i	0.0371+0.1250i	-0.5795+0.4450i	-0.0111+0.2651i	0.0394+0.2444i
20.5	2.8433-0.1620i	0.7770-0.1628i	-8.8570-1.1589i	-0.2123+0.3432i	0.0431+0.1366i	-0.6051+0.5033i	-0.0123+0.2660i	0.0450+0.2698i
20.6	2.8736-0.1410i	0.7683-0.1664i	-8.7357-1.1728i	-0.2183+0.3325i	0.0482+0.1446i	-0.6401+0.5828i	-0.0187+0.2618i	0.0507+0.2962i
20.7	2.8915-0.1310i	0.7683-0.2109i	-8.6579-1.1644i	-0.2252+0.3235i	0.0509+0.1521i	-0.6438+0.6592i	-0.0233+0.2637i	0.0504+0.3226i
20.8	2.9205-0.1291i	0.7502-0.2278i	-8.5732-1.2446i	-0.2348+0.3290i	0.0633+0.1644i	-0.6135+0.7553i	-0.0257+0.2641i	0.0752+0.3584i
20.9	2.9628-0.1330i	0.7022-0.2112i	-8.4912-1.2460i	-0.2508+0.3286i	0.0760+0.1659i	-0.5642+0.8171i	-0.0297+0.2613i	0.0944+0.3742i
21.0	3.0155-0.1376i	0.6904-0.2153i	-8.4126-1.2366i	-0.2775+0.3356i	0.0922+0.1655i	-0.5165+0.8652i	-0.0430+0.2610i	0.1171+0.3931i
21.1	3.0631-0.1351i	0.6564-0.2326i	-8.3494-1.2138i	-0.2877+0.3405i	0.1024+0.1659i	-0.4675+0.8712i	-0.0489+0.2652i	0.1468+0.4094i
21.2	3.1067-0.1561i	0.6138-0.2531i	-8.2884-1.2191i	-0.2960+0.3559i	0.1073+0.1591i	-0.4013+0.9034i	-0.0562+0.2785i	0.1732+0.4295i
21.3	3.1445-0.1718i	0.6222-0.2364i	-8.2129-1.1701i	-0.3045+0.4065i	0.1164+0.1493i	-0.3815+0.9098i	-0.0583+0.2997i	0.1917+0.4395i
21.4	3.1572-0.1952i	0.5943-0.2324i	-8.1529-1.1490i	-0.2804+0.4215i	0.1162+0.1451i	-0.3096+0.9003i	-0.0497+0.3193i	0.2288+0.4522i
21.5	3.1697-0.2101i	0.5709-0.2433i	-8.0666-1.1235i	-0.2652+0.4196i	0.1227+0.1349i	-0.2864+0.8837i	-0.0382+0.3233i	0.2729+0.4481i
21.6	3.1811-0.2223i	0.5580-0.2564i	-7.9838-1.1098i	-0.2507+0.4170i	0.1284+0.1261i	-0.3056+0.8847i	-0.0244+0.3310i	0.3014+0.4464i
21.7	3.2063-0.2348i	0.5476-0.2424i	-7.8961-1.0840i	-0.2305+0.4229i	0.1340+0.1242i	-0.3295+0.8793i	-0.0177+0.3386i	0.3209+0.4484i
21.8	3.2060-0.2425i	0.5372-0.2406i	-7.7919-1.0661i	-0.2298+0.4261i	0.1417+0.1153i	-0.3624+0.8837i	-0.0080+0.3413i	0.3492+0.4439i
21.9	3.2169-0.2433i	0.5318-0.2285i	-7.7153-1.0613i	-0.2294+0.4285i	0.1441+0.1076i	-0.4296+0.9081i	0.0065+0.3417i	0.3748+0.4396i
22.0	3.2216-0.2283i	0.5205-0.2186i	-7.6364-1.0702i	-0.2107+0.4201i	0.1445+0.0940i	-0.4697+0.9704i	0.0204+0.3364i	0.4110+0.4270i
22.1	3.2518-0.2114i	0.5488-0.2362i	-7.5641-1.0744i	-0.1888+0.3995i	0.1448+0.0848i	-0.5343+1.0350i	0.0206+0.3231i	0.4348+0.3956i
22.2	3.2727-0.1979i	0.5477-0.2732i	-7.5170-1.0949i	-0.1795+0.3923i	0.1458+0.0738i	-0.5456+1.1637i	0.0307+0.3156i	0.4565+0.3854i
22.3	3.2904-0.1983i	0.5267-0.3225i	-7.4199-1.1089i	-0.1710+0.3873i	0.1458+0.0558i	-0.5577+1.3762i	0.0395+0.3117i	0.4797+0.3637i
22.4	3.3111-0.1810i	0.4848-0.3918i	-7.3316-1.1365i	-0.1808+0.3574i	0.1437+0.0464i	-0.5498+1.6191i	0.0440+0.3049i	0.5018+0.3547i
22.5	3.3298-0.1549i	0.4464-0.4390i	-7.2973-1.1488i	-0.1742+0.3294i	0.1379+0.0369i	-0.4678+1.8485i	0.0483+0.2960i	0.5281+0.3402i
22.6	3.3535-0.1273i	0.3779-0.4283i	-7.2963-1.1740i	-0.1812+0.3202i	0.1278+0.0215i	-0.2472+2.0952i	0.0507+0.2778i	0.5416+0.3025i
22.7	3.3960-0.1016i	0.3212-0.4369i	-7.2686-1.1933i	-0.1972+0.2945i	0.1102+0.0136i	0.0866+2.1927i	0.0537+0.2636i	0.5486+0.2638i
22.8	3.4336-0.0627i	0.2742-0.4298i	-7.2492-1.2199i	-0.1982+0.2705i	0.1030+0.0077i	0.3933+2.2226i	0.0543+0.2485i	0.5564+0.2346i
22.9	3.4734-0.0399i	0.1843-0.4238i	-7.2168-1.1777i	-0.2087+0.2395i	0.0862-0.0019i	0.8450+2.1544i	0.0506+0.2265i	0.5446+0.1969i
23.0	3.5240-0.0386i	0.1263-0.3963i	-7.2194-1.1150i	-0.2438+0.2293i	0.0719-0.0035i	1.1114+1.9532i	0.0417+0.2111i	0.5347+0.1804i
23.1	3.5653-0.0217i	0.0908-0.3447i	-7.1972-1.0754i	-0.2528+0.2030i	0.0517+0.0043i	1.2893+1.6505i	0.0358+0.1919i	0.5261+0.1677i
23.2	3.6122+0.0087i	0.1067-0.2912i	-7.1280-1.0301i	-0.2413+0.1915i	0.0400+0.0119i	1.3802+1.4380i	0.0237+0.1751i	0.5137+0.1549i
23.3	3.6672+0.0278i	0.0558-0.2596i	-7.0895-0.9778i	-0.3012+0.1842i	0.0374+0.0143i	1.4079+1.2050i	0.0018+0.1588i	0.5050+0.1463i
23.4	3.7247+0.0372i	0.0459-0.2239i	-7.0050-0.9570i	-0.3216+0.1704i	0.0318+0.0183i	1.4049+0.9852i	-0.0216+0.1448i	0.4933+0.1428i
23.5	3.7820+0.0671i	0.0733-0.1835i	-6.9563-0.9040i	-0.3261+0.1738i	0.0299+0.0211i	1.4145+0.8245i	-0.0375+0.1353i	0.4867+0.1392i
23.6	3.8395+0.0690i	0.0839-0.1770i	-6.9186-0.8567i	-0.3617+0.1638i	0.0278+0.0239i	1.3262+0.6884i	-0.0603+0.1379i	0.4839+0.1355i
23.7	3.9104+0.0626i	0.0925-0.1741i	-6.8227-0.8722i	-0.3914+0.1538i	0.0228+0.0268i	1.2484+0.5501i	-0.0815+0.1368i	0.4832+0.1375i
23.8	3.9559+0.0572i	0.0775-0.1643i	-6.7506-0.8727i	-0.4206+0.1558i	0.0210+0.0272i	1.1881+0.4702i	-0.0964+0.1376i	0.4821+0.1371i
23.9	3.9996+0.0557i	0.0733-0.1458i	-6.6996-0.8191i	-0.4453+0.1677i	0.0181+0.0272i	1.1067+0.4198i	-0.1137+0.1399i	0.4847+0.1344i
24.0	4.0461+0.0509i	0.0367-0.1545i	-6.6479-0.7746i	-0.4745+0.1692i	0.0155+0.0278i	1.0543+0.3670i	-0.1248+0.1419i	0.4903+0.1334i
24.1	4.0948+0.0535i	0.0353-0.1720i	-6.5809-0.8007i	-0.4903+0.1488i	0.0126+0.0272i	1.0010+0.3290i	-0.1375+0.1421i	0.4930+0.1293i
24.2	4.1343+0.0626i	0.0493-0.1446i	-6.5134-0.7960i	-0.4938+0.1725i	0.0068+0.0265i	0.9512+0.2852i	-0.1521+0.1409i	0.4939+0.1277i
24.3	4.1954+0.0678i	0.0786-0.1261i	-6.4546-0.7821i	-0.5107+0.1806i	0.0030+0.0260i	0.8919+0.2574i	-0.1648+0.1383i	0.4984+0.1227i
24.4	4.2565+0.0833i	0.0862-0.1150i	-6.4046-0.7780i	-0.5242+0.1803i	-0.0028+0.0234i	0.8504+0.2396i	-0.1835+0.1339i	0.4981+0.1148i
24.5	4.3019+0.0975i	0.0571-0.1347i	-6.3603-0.7664i	-0.5567+0.1657i	-0.0064+0.0233i	0.8090+0.2235i	-0.2030+0.1322i	0.5013+0.1104i

24.6	4.3734+0.1006i	0.0491-0.1094i	-6.2650-0.7794i	-0.5754+0.1740i	-0.0115+0.0212i	0.7619+0.2076i	-0.2269+0.1294i	0.5049+0.1077i
24.7	4.4471+0.0954i	0.0136-0.1149i	-6.2256-0.7693i	-0.6256+0.1859i	-0.0171+0.0214i	0.7287+0.1996i	-0.2550+0.1337i	0.5101+0.1051i
24.8	4.5234+0.0992i	0.0275-0.1242i	-6.1839-0.7482i	-0.6549+0.1855i	-0.0260+0.0210i	0.6987+0.1861i	-0.2821+0.1440i	0.5141+0.1005i
24.9	4.5862+0.0768i	0.0120-0.1355i	-6.1555-0.7573i	-0.7067+0.1776i	-0.0287+0.0227i	0.6682+0.1833i	-0.3057+0.1584i	0.5155+0.0921i
25.0	4.6541+0.0612i	0.0164-0.1518i	-6.0827-0.7587i	-0.7328+0.2045i	-0.0331+0.0261i	0.6399+0.1713i	-0.3290+0.1728i	0.5171+0.0896i
25.1	4.7052+0.0312i	-0.0071-0.1635i	-6.0644-0.7516i	-0.7870+0.2362i	-0.0381+0.0253i	0.6122+0.1697i	-0.3434+0.1916i	0.5203+0.0830i
25.2	4.7622+0.0145i	-0.0172-0.1943i	-6.0189-0.7360i	-0.7969+0.2415i	-0.0428+0.0271i	0.5864+0.1689i	-0.3578+0.2095i	0.5229+0.0749i
25.3	4.8113+0.0049i	0.0050-0.1542i	-5.9601-0.7324i	-0.7940+0.2904i	-0.0471+0.0296i	0.5601+0.1652i	-0.3727+0.2242i	0.5262+0.0728i
25.4	4.8536+0.0100i	0.0244-0.1519i	-5.9270-0.7116i	-0.7983+0.2947i	-0.0498+0.0289i	0.5467+0.1593i	-0.3866+0.2317i	0.5265+0.0693i
25.5	4.9348-0.0079i	0.0651-0.2231i	-5.8384-0.7410i	-0.7949+0.2760i	-0.0560+0.0280i	0.5214+0.1589i	-0.4096+0.2518i	0.5301+0.0658i
25.6	4.9886-0.0382i	-0.0112-0.2468i	-5.8100-0.7552i	-0.8378+0.2848i	-0.0602+0.0303i	0.4998+0.1620i	-0.4231+0.2696i	0.5326+0.0671i
25.7	5.0565-0.0888i	0.0085-0.1909i	-5.7522-0.7335i	-0.8237+0.3766i	-0.0655+0.0292i	0.4763+0.1674i	-0.4352+0.3103i	0.5329+0.0589i
25.8	5.0809-0.1410i	-0.0364-0.2202i	-5.7722-0.7270i	-0.8603+0.4093i	-0.0742+0.0250i	0.4568+0.1695i	-0.4413+0.3399i	0.5358+0.0601i
25.9	5.1016-0.1603i	-0.1107-0.2782i	-5.7525-0.7204i	-0.8904+0.4093i	-0.0865+0.0211i	0.4340+0.1806i	-0.4388+0.3608i	0.5448+0.0612i
26.0	5.1324-0.1661i	-0.0875-0.3101i	-5.6878-0.7555i	-0.8581+0.4003i	-0.1014+0.0307i	0.4193+0.1946i	-0.4328+0.3835i	0.5554+0.0538i
26.1	5.1490-0.1885i	-0.0932-0.3006i	-5.6190-0.7493i	-0.8151+0.4294i	-0.1090+0.0430i	0.4063+0.2041i	-0.4158+0.4156i	0.5557+0.0401i
26.2	5.1600-0.2025i	-0.1524-0.2942i	-5.5876-0.7010i	-0.7882+0.4485i	-0.1095+0.0517i	0.3959+0.2108i	-0.3875+0.4357i	0.5532+0.0314i
26.3	5.1563-0.1985i	-0.1991-0.3065i	-5.6029-0.6782i	-0.7888+0.4572i	-0.1060+0.0566i	0.3912+0.2205i	-0.3567+0.4397i	0.5465+0.0274i
26.4	5.1943-0.1726i	-0.2542-0.3195i	-5.5389-0.6265i	-0.7882+0.4599i	-0.1046+0.0595i	0.3809+0.2271i	-0.3321+0.4338i	0.5410+0.0231i
26.5	5.2236-0.1389i	-0.2761-0.3165i	-5.5182-0.6201i	-0.7874+0.4316i	-0.1053+0.0606i	0.3753+0.2348i	-0.3281+0.4071i	0.5411+0.0262i
26.6	5.2749-0.0897i	-0.2137-0.2869i	-5.4417-0.6032i	-0.7428+0.3942i	-0.1057+0.0580i	0.3624+0.2403i	-0.3290+0.3757i	0.5409+0.0325i
26.7	5.3240-0.0568i	-0.2501-0.2325i	-5.4382-0.5872i	-0.7802+0.4024i	-0.1067+0.0522i	0.3515+0.2455i	-0.3368+0.3525i	0.5457+0.0388i
26.8	5.4093-0.0493i	-0.3066-0.3376i	-5.4440-0.6088i	-0.8611+0.3011i	-0.1155+0.0531i	0.3327+0.2545i	-0.3606+0.3464i	0.5604+0.0418i
26.9	5.4675-0.0436i	-0.3205-0.3428i	-5.4048-0.5853i	-0.8723+0.3083i	-0.1228+0.0553i	0.3209+0.2729i	-0.3784+0.3453i	0.5697+0.0414i
27.0	5.5218-0.0272i	-0.2948-0.3278i	-5.3145-0.5497i	-0.8367+0.3108i	-0.1298+0.0565i	0.3079+0.2915i	-0.3916+0.3429i	0.5787+0.0396i
27.1	5.5751+0.0042i	-0.2777-0.2835i	-5.2108-0.4912i	-0.8121+0.3263i	-0.1380+0.0536i	0.3006+0.3116i	-0.4058+0.3304i	0.5885+0.0377i
27.2	5.6856+0.0269i	-0.4361-0.3331i	-5.2218-0.4901i	-0.9443+0.2715i	-0.1436+0.0476i	0.2892+0.3495i	-0.4328+0.3142i	0.6021+0.0371i
27.3	5.7831+0.0292i	-0.5189-0.3544i	-5.1609-0.4827i	-1.0494+0.2582i	-0.1522+0.0438i	0.2889+0.3857i	-0.4656+0.3089i	0.6168+0.0294i
27.4	5.8644+0.0597i	-0.4898-0.2939i	-5.1064-0.3904i	-1.0565+0.2850i	-0.1621+0.0415i	0.3008+0.4152i	-0.4972+0.3049i	0.6302+0.0244i
27.5	5.9557+0.0559i	-0.4439-0.2987i	-5.0653-0.3722i	-1.0398+0.2654i	-0.1719+0.0459i	0.3239+0.4347i	-0.5304+0.3154i	0.6444+0.0151i
27.6	6.0489+0.0494i	-0.5022-0.2470i	-4.9655-0.3663i	-1.0889+0.2918i	-0.1853+0.0473i	0.3464+0.4526i	-0.5630+0.3249i	0.6540+0.0067i
27.7	6.1741+0.0285i	-0.4007-0.2533i	-4.8363-0.4148i	-1.0685+0.2543i	-0.2080+0.0480i	0.3927+0.4695i	-0.6105+0.3451i	0.6668-0.0037i
27.8	6.2472+0.0135i	-0.4315-0.1959i	-4.7802-0.3032i	-1.1291+0.3344i	-0.2245+0.0526i	0.4218+0.4744i	-0.6410+0.3673i	0.6744-0.0158i
27.9	6.3322-0.0063i	-0.3930-0.1889i	-4.7262-0.2619i	-1.1175+0.3721i	-0.2379+0.0614i	0.4537+0.4794i	-0.6713+0.3888i	0.6804-0.0315i
28.0	6.4211-0.0504i	-0.3884-0.2350i	-4.6525-0.3320i	-1.1601+0.3544i	-0.2488+0.0674i	0.4787+0.4700i	-0.7030+0.4203i	0.6847-0.0414i
28.1	6.5130-0.1384i	-0.4894-0.2104i	-4.6556-0.2522i	-1.2856+0.4654i	-0.2606+0.0755i	0.5243+0.4557i	-0.7365+0.4799i	0.6866-0.0550i
28.2	6.5251-0.2347i	-0.6121-0.0634i	-4.6310-0.1734i	-1.3337+0.6633i	-0.2837+0.0807i	0.5595+0.4380i	-0.7239+0.5356i	0.6963-0.0611i
28.3	6.5336-0.2219i	-0.5197-0.0593i	-4.5924-0.1634i	-1.2339+0.6765i	-0.3126+0.1005i	0.5868+0.4050i	-0.7058+0.5523i	0.7115-0.0745i
28.4	6.6291-0.1787i	-0.5329-0.1506i	-4.4414-0.2264i	-1.2631+0.5399i	-0.3226+0.1252i	0.5910+0.3715i	-0.7174+0.5472i	0.7169-0.0893i
28.5	6.7792-0.1821i	-0.7231-0.4213i	-4.4634-0.3276i	-1.5041+0.3276i	-0.3278+0.1466i	0.5881+0.3497i	-0.7512+0.5599i	0.7254-0.1018i
28.6	6.8444-0.2236i	-0.6772-0.3554i	-4.4463-0.3379i	-1.5032+0.4408i	-0.3378+0.1690i	0.5870+0.3229i	-0.7876+0.5852i	0.7364-0.1152i
28.7	6.8965-0.2574i	-0.6844-0.1930i	-4.4107-0.2613i	-1.5039+0.6095i	-0.3424+0.1917i	0.5777+0.2949i	-0.8094+0.6203i	0.7441-0.1302i
28.8	6.9691-0.2946i	-0.6425-0.2900i	-4.3778-0.2996i	-1.5019+0.5515i	-0.3441+0.2161i	0.5690+0.2775i	-0.8281+0.6583i	0.7520-0.1474i
28.9	7.0498-0.3421i	-0.6123-0.3594i	-4.3655-0.2458i	-1.5023+0.5633i	-0.3424+0.2456i	0.5644+0.2586i	-0.8459+0.7149i	0.7599-0.1732i
29.0	7.1199-0.3681i	-0.5300-0.2731i	-4.2024-0.1943i	-1.3989+0.6546i	-0.3417+0.2701i	0.5557+0.2427i	-0.8671+0.7633i	0.7593-0.1947i
29.1	7.1980-0.3958i	-0.5200-0.3903i	-4.1131-0.1566i	-1.4017+0.5887i	-0.3337+0.2867i	0.5436+0.2302i	-0.8691+0.8118i	0.7574-0.2116i
29.2	7.2786-0.4853i	-0.5748-0.3891i	-4.0940-0.2499i	-1.4573+0.6572i	-0.3212+0.3123i	0.5240+0.2283i	-0.8697+0.8821i	0.7611-0.2360i
29.3	7.3171-0.5274i	-0.5357-0.2805i	-3.9894-0.2952i	-1.3849+0.7559i	-0.3161+0.3285i	0.5076+0.2249i	-0.8685+0.9293i	0.7623-0.2497i
29.4	7.3353-0.5985i	-0.6236-0.1260i	-3.8331-0.1588i	-1.3364+0.9668i	-0.2966+0.3391i	0.4935+0.2151i	-0.8320+0.9885i	0.7465-0.2773i
29.5	7.3638-0.6475i	-0.6782-0.2650i	-3.8934-0.0599i	-1.3926+0.9851i	-0.2783+0.3521i	0.4842+0.2060i	-0.8059+1.0478i	0.7402-0.3011i
29.6	7.3906-0.6790i	-0.6820-0.3372i	-3.8897-0.1053i	-1.3914+0.9334i	-0.2640+0.3576i	0.4710+0.2018i	-0.7736+1.0833i	0.7309-0.3133i
29.7	7.4541-0.7240i	-0.8028-0.3468i	-3.7312+0.0281i	-1.4329+1.0192i	-0.2531+0.3547i	0.4488+0.1970i	-0.7455+1.1229i	0.7213-0.3293i
29.8	7.4840-0.7793i	-0.8699-0.2937i	-3.6726+0.1118i	-1.4129+1.1357i	-0.2495+0.3577i	0.4353+0.2078i	-0.7191+1.1564i	0.7173-0.3495i
29.9	7.5517-0.8396i	-0.9191-0.3571i	-3.6841+0.0247i	-1.4616+1.0968i	-0.2447+0.3627i	0.4233+0.2206i	-0.6918+1.2053i	0.7118-0.3686i
30.0	7.5367-0.9216i	-0.9225-0.3646i	-3.6238+0.0138i	-1.3829+1.1323i	-0.2385+0.3703i	0.4124+0.2281i	-0.6414+1.2488i	0.6953-0.3869i
30.1	7.4923-0.8893i	-0.9529-0.2695i	-3.4499+0.1348i	-1.2642+1.2145i	-0.2266+0.3719i	0.3915+0.2462i	-0.5667+1.2586i	0.6684-0.4052i
30.2	7.4850-0.8685i	-0.9699-0.2023i	-3.4190+0.1008i	-1.2015+1.2376i	-0.2204+0.3709i	0.3842+0.2652i	-0.5104+1.2554i	0.6450-0.4125i
30.3	7.5118-0.8888i	-1.0352-0.2914i	-3.3945+0.0946i	-1.2407+1.1988i	-0.2254+0.3717i	0.3788+0.2778i	-0.4708+1.2540i	0.6299-0.4194i
30.4	7.5969-0.9046i	-1.1455-0.3018i	-3.2104+0.0776i	-1.2644+1.2029i	-0.2327+0.3889i	0.3829+0.2950i	-0.4484+1.2548i	0.6143-0.4170i
30.5	7.6198-0.8925i	-1.1317-0.3413i	-3.1932+0.2266i	-1.2235+1.2035i	-0.2263+0.4099i	0.3885+0.3083i	-0.4267+1.2778i	0.6048-0.4232i
30.6	7.6035-0.9145i	-1.0815-0.4027i	-3.2500+0.2878i	-1.1615+1.2241i	-0.2087+0.4287i	0.3870+0.3206i	-0.3757+1.3050i	0.5962-0.4342i
30.7	7.6473-0.8809i	-1.2179-0.4488i	-2.9536+0.3810i	-1.1333+1.1972i	-0.1864+0.4284i	0.3758+0.3178i	-0.3121+1.2972i	0.5785-0.4378i
30.8	7.6435-0.9042i	-1.2557-0.3101i	-2.8697+0.2615i	-1.0419+1.1913i	-0.1708+0.4307i	0.3586+0.3423i	-0.2540+1.2867i	0.5608-0.4357i

30.9	7.6604-0.8493i	-1.2563-0.3260i	-2.8195+0.3442i	-0.9974+1.1385i	-0.1555+0.4275i	0.3695+0.3571i	-0.1958+1.2569i	0.5455-0.4410i
31.0	7.6915-0.8013i	-1.3815-0.2229i	-2.4903+0.3186i	-0.9333+1.1480i	-0.1378+0.4151i	0.3719+0.3837i	-0.1392+1.1990i	0.5172-0.4324i
31.1	7.7401-0.6919i	-1.4870-0.2683i	-2.3900+0.5561i	-0.9321+1.1220i	-0.1203+0.4108i	0.3716+0.4272i	-0.1093+1.1567i	0.4858-0.4374i
31.2	7.7976-0.6460i	-1.5081-0.3297i	-2.3645+0.6468i	-0.9733+1.0754i	-0.1018+0.3984i	0.3889+0.4555i	-0.0890+1.1248i	0.4653-0.4268i
31.3	7.8233-0.6890i	-1.3890-0.1344i	-2.5239+0.2929i	-0.9542+1.0367i	-0.1017+0.3842i	0.4012+0.4840i	-0.0915+1.0741i	0.4683-0.3998i
31.4	7.9430-0.6641i	-1.4744+0.0017i	-2.2544+0.1370i	-0.9583+0.9715i	-0.1049+0.3674i	0.4137+0.5129i	-0.0883+1.0145i	0.4596-0.3708i
31.5	8.0578-0.6338i	-1.5517+0.0604i	-2.0997-0.1083i	-0.9655+0.8647i	-0.1118+0.3504i	0.4244+0.5648i	-0.0871+0.9511i	0.4566-0.3364i
31.6	8.0845-0.5301i	-1.5231-0.0256i	-2.0221+0.2818i	-0.9210+0.8683i	-0.1081+0.3378i	0.4697+0.6077i	-0.0836+0.9191i	0.4468-0.3264i
31.7	8.1811-0.3675i	-1.5561-0.1228i	-1.8281+0.8604i	-0.9135+0.8705i	-0.1052+0.3238i	0.5593+0.6418i	-0.0945+0.8909i	0.4418-0.3242i
31.8	8.3675-0.4097i	-1.8481+0.0481i	-1.3152+0.5291i	-0.9927+0.8294i	-0.1168+0.3074i	0.6070+0.6822i	-0.1045+0.8314i	0.4358-0.2905i
31.9	8.6686-0.4475i	-2.2972+0.1921i	-0.2207+0.2000i	-1.0479+0.7900i	-0.1242+0.2831i	0.6536+0.6910i	-0.1063+0.7692i	0.4125-0.2498i
32.0	8.8027-0.5137i	-2.2352+0.4302i	-0.0997-0.3153i	-1.0538+0.7316i	-0.1389+0.2687i	0.7238+0.6771i	-0.1528+0.7243i	0.4349-0.2129i
32.1	8.6951-0.3797i	-1.8211+0.3157i	-0.9572+0.0798i	-1.0913+0.6769i	-0.1487+0.2731i	0.8674+0.6352i	-0.1981+0.7208i	0.4830-0.2254i
32.2	8.8588-0.3492i	-1.8908+0.3541i	-0.6799+0.0185i	-1.1396+0.6527i	-0.1597+0.2631i	0.9418+0.5959i	-0.2289+0.6840i	0.4907-0.2067i
32.3	9.0848-0.3888i	-2.0962+0.5089i	-0.1611-0.3649i	-1.2014+0.6405i	-0.1765+0.2515i	0.9561+0.5455i	-0.2592+0.6447i	0.4952-0.1804i
32.4	9.2688-0.3202i	-2.1935+0.4808i	0.2699-0.2749i	-1.2256+0.5855i	-0.1885+0.2376i	0.9735+0.4631i	-0.2831+0.6153i	0.5016-0.1681i
32.5	9.3136-0.3286i	-2.0372+0.5339i	0.1027-0.2898i	-1.2591+0.6121i	-0.2106+0.2343i	1.0429+0.3728i	-0.3278+0.5942i	0.5413-0.1650i
32.6	9.5715-0.3880i	-2.1741+0.7045i	0.4690-0.8139i	-1.3694+0.5557i	-0.2397+0.2239i	1.0234+0.3073i	-0.3847+0.5369i	0.5672-0.1383i
32.7	9.7581-0.3910i	-2.1577+0.7478i	0.5830-0.9848i	-1.4482+0.5133i	-0.2603+0.2172i	1.0195+0.2329i	-0.4478+0.5041i	0.5929-0.1272i
32.8	9.9392-0.4230i	-2.1972+0.9184i	0.7534-1.4514i	-1.4969+0.4882i	-0.2829+0.2065i	1.0177+0.1670i	-0.5166+0.4561i	0.6225-0.1006i
32.9	10.2876-0.5986i	-2.4492+1.2776i	1.4260-2.4267i	-1.5719+0.4447i	-0.3106+0.1858i	0.9671+0.1271i	-0.5875+0.3902i	0.6334-0.0473i
33.0	10.5548-0.5443i	-2.4248+1.1864i	1.4444-2.2731i	-1.7449+0.4069i	-0.3419+0.1837i	0.9296+0.0981i	-0.7065+0.3864i	0.6714-0.0517i
33.1	10.7558-0.5899i	-2.4366+1.1388i	1.5074-2.0468i	-1.8782+0.4886i	-0.3759+0.1940i	0.9013+0.0715i	-0.8042+0.4422i	0.7074-0.0749i
33.2	11.0489-0.8197i	-2.4927+1.3288i	1.6706-2.5531i	-1.9759+0.5593i	-0.4333+0.2009i	0.8718+0.0453i	-0.9476+0.4970i	0.7659-0.0638i
33.3	11.2718-0.9409i	-2.6075+1.2918i	2.0063-2.5575i	-2.0214+0.6288i	-0.4570+0.2230i	0.8528+0.0446i	-1.0001+0.5723i	0.7809-0.0838i
33.4	11.4819-1.2166i	-2.6397+1.4235i	2.0478-2.8248i	-2.1400+0.8131i	-0.4961+0.2718i	0.8522+0.0125i	-1.0856+0.6931i	0.8308-0.1155i
33.5	11.3782-1.4351i	-2.2287+1.4946i	1.2099-3.0650i	-2.1787+0.9112i	-0.5269+0.3284i	0.8605-0.0355i	-1.1632+0.8107i	0.9108-0.1642i
33.6	11.4880-1.7068i	-2.3345+1.6640i	1.5262-3.5801i	-2.1297+0.9962i	-0.5244+0.3632i	0.7999-0.0437i	-1.1451+0.8917i	0.9178-0.1824i
33.7	11.5509-2.0167i	-2.3338+2.0101i	1.4679-4.3527i	-2.1512+1.0724i	-0.5271+0.3841i	0.7702-0.0692i	-1.1608+0.9552i	0.9521-0.1817i
33.8	11.6932-2.3748i	-2.4943+2.4877i	1.7098-5.3673i	-2.1598+1.1163i	-0.5281+0.3729i	0.7413-0.0639i	-1.1508+0.9495i	0.9635-0.1388i
33.9	11.8377-2.3372i	-2.7796+2.3624i	2.2095-4.9705i	-2.1327+1.1433i	-0.4872+0.3742i	0.7131-0.0685i	-1.0599+0.9887i	0.9106-0.1672i
34.0	11.7591-2.5827i	-2.5499+2.6782i	1.7278-5.5300i	-2.1077+1.1625i	-0.5030+0.3712i	0.6816-0.0590i	-1.0808+1.0147i	0.9622-0.1608i
34.1	11.5257-2.7499i	-2.0613+2.8385i	0.7250-5.7960i	-2.0849+1.2061i	-0.5335+0.3762i	0.6622-0.0552i	-1.1210+1.0586i	1.0402-0.1902i
34.2	11.4329-2.8974i	-1.7057+3.0546i	0.2036-6.2242i	-2.0899+1.2201i	-0.5697+0.3666i	0.6467-0.0374i	-1.1564+1.0617i	1.1068-0.1930i
34.3	11.3103-3.3760i	-1.1617+3.7840i	-0.7274-7.6092i	-2.1365+1.2618i	-0.6597+0.3600i	0.6331-0.0060i	-1.2838+1.0491i	1.2575-0.1570i
34.4	11.1528-3.3412i	-0.6586+3.6788i	-1.6140-7.4108i	-2.1693+1.2610i	-0.7117+0.4001i	0.6302+0.0129i	-1.3477+1.1175i	1.3431-0.2307i
34.5	11.3286-3.4360i	-0.6533+3.8034i	-1.4217-7.7499i	-2.2223+1.2489i	-0.7545+0.3923i	0.6263+0.0386i	-1.3898+1.1072i	1.3781-0.2184i
34.6	11.2392-3.7817i	-0.1335+4.1048i	-2.3662-8.4478i	-2.3395+1.2874i	-0.8554+0.4250i	0.6256+0.0684i	-1.5349+1.1541i	1.5262-0.2514i
34.7	11.3999-3.6508i	-0.1496+3.8027i	-2.1862-7.8849i	-2.3855+1.3035i	-0.8812+0.4499i	0.6191+0.0772i	-1.5535+1.2016i	1.5417-0.3058i
34.8	11.2107-3.4808i	0.3039+3.2358i	-2.9691-6.9478i	-2.3652+1.3709i	-0.9006+0.5361i	0.6419+0.0819i	-1.5734+1.3460i	1.5755-0.4546i
34.9	10.7668-3.5718i	1.2119+2.9554i	-4.8928-6.5694i	-2.4313+1.5131i	-0.9725+0.6675i	0.6703+0.0936i	-1.6905+1.5503i	1.7194-0.6471i
35.0	10.8578-3.7266i	1.2615+2.8716i	-4.9520-6.6466i	-2.4525+1.5430i	-0.9965+0.7113i	0.6912+0.1125i	-1.7147+1.6213i	1.7504-0.7056i
35.1	10.8683-3.6758i	1.2937+2.4052i	-5.0195-5.9381i	-2.4708+1.6068i	-1.0036+0.7983i	0.7082+0.1092i	-1.6997+1.7519i	1.7513-0.8471i
35.2	10.8914-3.7651i	1.4610+2.3965i	-5.3772-6.0296i	-2.5341+1.6677i	-1.0514+0.8551i	0.7296+0.1172i	-1.7598+1.8351i	1.8189-0.9291i
35.3	10.9195-3.8914i	1.6349+2.1752i	-5.6015-5.6919i	-2.5477+1.7841i	-1.0645+0.9499i	0.7609+0.1266i	-1.7681+1.9847i	1.8259-1.0733i
35.4	10.8647-3.8250i	1.5828+1.6116i	-5.6486-4.7275i	-2.5316+1.8965i	-1.0135+1.0416i	0.7860+0.1215i	-1.6774+2.1375i	1.7440-1.2294i
35.5	10.8811-3.8092i	1.5174+1.3694i	-5.6674-4.3436i	-2.5382+1.9376i	-1.0010+1.0997i	0.8054+0.1145i	-1.6352+2.2318i	1.7138-1.3327i
35.6	11.0657-3.8585i	1.3303+1.2404i	-5.4588-3.9280i	-2.5753+2.0233i	-0.9894+1.1879i	0.8336+0.1006i	-1.6012+2.3516i	1.6549-1.4698i
35.7	11.0448-3.8060i	1.2915+0.8581i	-5.4608-3.1198i	-2.5515+2.0945i	-0.9426+1.2596i	0.8643+0.0810i	-1.5293+2.4723i	1.5551-1.5914i
35.8	10.9791-3.9324i	1.3842+0.7499i	-5.7808-2.9892i	-2.5241+2.1834i	-0.9370+1.3318i	0.9017+0.0705i	-1.4890+2.5975i	1.5158-1.6865i
35.9	10.9346-4.0510i	1.3621+0.7037i	-5.7631-2.8160i	-2.4974+2.2784i	-0.9260+1.3850i	0.9465+0.0502i	-1.4199+2.6899i	1.4649-1.7511i
36.0	10.9520-4.1706i	1.2750+0.6389i	-5.5773-2.5465i	-2.4759+2.3871i	-0.9084+1.4559i	0.9876+0.0146i	-1.3404+2.7740i	1.3900-1.8187i
36.1	10.8423-4.1237i	1.3316+0.3103i	-5.5955-1.9697i	-2.4120+2.4607i	-0.8706+1.5393i	1.0394-0.0212i	-1.2325+2.8697i	1.2879-1.9142i
36.2	10.8877-4.2880i	1.2416+0.2936i	-5.2863-2.0264i	-2.3994+2.5292i	-0.8474+1.5860i	1.0851-0.0567i	-1.1643+2.9242i	1.2191-1.9371i
36.3	10.8261-4.3669i	1.2704+0.1634i	-5.0966-1.8204i	-2.3343+2.6014i	-0.8027+1.6577i	1.1166-0.1083i	-1.0787+2.9982i	1.1416-1.9826i
36.4	10.7910-4.4562i	1.2258-0.0539i	-5.0220-1.6311i	-2.2666+2.6510i	-0.7647+1.7276i	1.1479-0.1803i	-0.9911+3.0701i	1.0764-2.0278i
36.5	10.7806-4.3796i	1.0186-0.2899i	-4.7349-1.2441i	-2.2025+2.7309i	-0.7174+1.7858i	1.1710-0.2666i	-0.8749+3.1113i	0.9963-2.0567i
36.6	10.6505-4.4264i	0.9364-0.4400i	-4.6853-1.0945i	-2.1106+2.7763i	-0.6583+1.8397i	1.1748-0.3403i	-0.7597+3.1505i	0.9221-2.0851i
36.7	10.5591-4.4416i	0.8604-0.5557i	-4.6666-0.8513i	-2.0675+2.8141i	-0.6136+1.9033i	1.1712-0.4268i	-0.6659+3.1837i	0.8643-2.1245i
36.8	10.6095-4.4949i	0.6533-0.6759i	-4.4034-0.7121i	-2.0274+2.8571i	-0.5718+1.9789i	1.1756-0.5467i	-0.5676+3.2022i	0.8056-2.1673i
36.9	10.5644-4.4027i	0.5508-0.8364i	-4.3760-0.4886i	-1.9441+2.8410i	-0.5195+2.0413i	1.1718-0.6281i	-0.4783+3.2074i	0.7421-2.2091i
37.0	10.5900-4.3352i	0.4225-0.8768i	-4.1936-0.3723i	-1.9162+2.8105i	-0.4699+2.0657i	1.1311-0.7221i	-0.4285+3.1763i	0.6887-2.1988i
37.1	10.5607-4.3418i	0.3561-1.0860i	-3.9268+0.0427i	-1.8999+2.8622i	-0.4108+2.1415i	1.0680-0.8246i	-0.3634+3.2222i	0.6247-2.2567i

37.2	10.5816-4.3544i	0.2656-1.2858i	-3.6396+0.3910i	-1.8671+2.9091i	-0.3558+2.2262i	1.0261-0.9281i	-0.2970+3.2721i	0.5565-2.3212i
37.3	10.5166-4.5186i	-0.0044-1.3373i	-3.3149+0.4211i	-1.8030+2.9689i	-0.2460+2.3043i	0.9077-1.0780i	-0.1685+3.3088i	0.4426-2.3431i
37.4	10.5428-4.5558i	-0.0929-1.2790i	-3.1882+0.3850i	-1.7368+3.0363i	-0.1785+2.3627i	0.8264-1.1654i	-0.0956+3.3323i	0.3883-2.3628i
37.5	10.4715-4.5310i	-0.1575-1.3747i	-3.0853+0.5613i	-1.6694+3.0366i	-0.0856+2.4447i	0.6723-1.2559i	-0.0103+3.3401i	0.3200-2.4105i
37.6	10.4216-4.5393i	-0.3577-1.5104i	-2.8126+0.7007i	-1.6428+3.0339i	0.0234+2.5031i	0.5189-1.3319i	0.0900+3.3462i	0.2203-2.4239i
37.7	10.4062-4.5763i	-0.7393-1.4577i	-2.4601+0.7711i	-1.5890+3.0873i	0.1554+2.5327i	0.3187-1.3708i	0.1833+3.3370i	0.1351-2.4127i
37.8	10.3350-4.5771i	-0.9450-1.5062i	-2.1423+0.8867i	-1.5087+3.0733i	0.2794+2.5422i	0.1324-1.3660i	0.2835+3.3349i	0.0619-2.4002i
37.9	10.2677-4.4955i	-1.3033-1.4884i	-1.5347+1.1232i	-1.4133+3.0711i	0.4360+2.5272i	-0.1124-1.2946i	0.4195+3.2876i	-0.0198-2.3758i
38.0	10.1577-4.5036i	-1.4540-1.4581i	-1.3090+1.2198i	-1.3146+3.0466i	0.5639+2.5242i	-0.3043-1.2099i	0.5369+3.2528i	-0.0764-2.3731i
38.1	10.0531-4.2736i	-1.6239-1.4075i	-0.7623+1.0380i	-1.2210+2.8948i	0.7362+2.4886i	-0.4707-1.0132i	0.6565+3.1543i	-0.1966-2.3671i
38.2	10.0204-4.0845i	-1.6765-1.3202i	-0.6673+1.0244i	-1.1817+2.8480i	0.8516+2.4436i	-0.5597-0.8338i	0.7237+3.0486i	-0.2645-2.3829i
38.3	10.1475-3.9306i	-1.6911-1.2283i	-0.6281+0.8898i	-1.2022+2.7707i	0.9294+2.3648i	-0.6163-0.6431i	0.7440+2.9482i	-0.2845-2.3599i
38.4	10.2113-3.8335i	-1.8737-1.1933i	-0.1935+0.7201i	-1.2368+2.7227i	0.9869+2.2886i	-0.5995-0.4614i	0.7069+2.8750i	-0.3303-2.3303i
38.5	10.2321-3.8363i	-2.0824-1.3354i	0.0493+1.0324i	-1.2702+2.7405i	1.0779+2.2409i	-0.5901-0.2945i	0.7147+2.8186i	-0.4116-2.3464i
38.6	10.3557-3.9468i	-2.2889-1.3507i	0.2383+0.9737i	-1.3133+2.7154i	1.1670+2.1883i	-0.5495-0.1168i	0.7160+2.8062i	-0.4797-2.3855i
38.7	10.4236-3.8860i	-2.4564-1.1602i	0.3043+0.6395i	-1.3734+2.7543i	1.2030+2.1774i	-0.5012-0.0369i	0.7265+2.8308i	-0.5228-2.4325i
38.8	10.4572-3.9169i	-2.6166-0.9977i	0.4735+0.7199i	-1.3394+2.8352i	1.2867+2.1330i	-0.4538+0.0669i	0.7591+2.8184i	-0.6189-2.4544i
38.9	10.4925-3.9480i	-2.7145-0.8074i	0.8775+0.6939i	-1.3207+2.9255i	1.3613+2.0634i	-0.3671+0.1694i	0.8001+2.8074i	-0.7370-2.4834i
39.0	10.5337-3.9833i	-2.9287-0.7090i	1.1743+0.7365i	-1.2814+2.9556i	1.4153+1.9657i	-0.2790+0.2158i	0.8413+2.7796i	-0.8474-2.4305i
39.1	10.5329-3.8962i	-3.0629-0.5397i	1.5630+0.5188i	-1.2561+2.9150i	1.4634+1.8996i	-0.1694+0.2620i	0.8575+2.7488i	-0.9860-2.4088i
39.2	10.5582-3.8267i	-3.0804-0.2954i	1.7670+0.0933i	-1.2895+2.9675i	1.5052+1.9035i	-0.0862+0.2842i	0.8646+2.7676i	-1.1061-2.4371i
39.3	10.5588-3.9412i	-3.0471-0.1521i	1.9858+0.1785i	-1.2076+3.0650i	1.5895+1.8399i	0.0087+0.3096i	0.9056+2.7603i	-1.2758-2.3776i
39.4	10.4315-3.9374i	-3.1337-0.0657i	2.2566+0.0752i	-1.1115+3.0529i	1.6511+1.7505i	0.0920+0.3050i	0.9843+2.7555i	-1.4160-2.2742i
39.5	10.3796-3.8885i	-3.1889+0.2115i	2.6693-0.2226i	-1.0224+3.1046i	1.6550+1.6759i	0.1448+0.2608i	1.0423+2.7513i	-1.4928-2.1554i
39.6	10.2481-3.9099i	-3.1974+0.2548i	2.8034-0.1688i	-0.9267+3.0741i	1.7158+1.5879i	0.1758+0.2468i	1.1160+2.6697i	-1.6165-2.0206i
39.7	10.2011-3.7404i	-3.2042+0.4401i	2.6440-0.6980i	-0.8799+3.0353i	1.7475+1.5476i	0.1946+0.2497i	1.1791+2.6056i	-1.6428-1.9203i
39.8	10.1844-3.6161i	-3.2290+0.6753i	3.1250-1.0083i	-0.8270+3.0314i	1.7279+1.4696i	0.2679+0.2472i	1.1832+2.5612i	-1.6476-1.8278i
39.9	10.1766-3.4982i	-3.1166+0.7675i	3.0858-1.1648i	-0.7837+2.9470i	1.7582+1.3964i	0.3352+0.2169i	1.2121+2.4983i	-1.7204-1.7159i
40.0	10.1574-3.3138i	-3.1158+0.8522i	2.9638-1.2163i	-0.7617+2.9153i	1.7898+1.3303i	0.3646+0.1812i	1.2348+2.4246i	-1.7731-1.6113i
40.1	10.1411-3.2228i	-3.1733+0.8599i	3.3433-1.5054i	-0.6991+2.8121i	1.7620+1.2518i	0.3945+0.1549i	1.2259+2.3578i	-1.7563-1.4921i
40.2	10.2351-3.0363i	-3.0876+0.8580i	3.5574-1.5239i	-0.6977+2.7161i	1.7885+1.1618i	0.4180+0.1298i	1.2271+2.2748i	-1.7940-1.3632i
40.3	10.3576-2.9003i	-3.0731+0.8746i	3.3968-1.6974i	-0.6931+2.6887i	1.8046+1.1200i	0.4181+0.1023i	1.2315+2.2322i	-1.7938-1.2982i
40.4	10.5278-2.7679i	-3.0452+0.9614i	3.5887-1.7209i	-0.6282+2.6641i	1.8172+1.0418i	0.4382+0.0716i	1.2194+2.1844i	-1.8092-1.1911i
40.5	10.4839-2.6951i	-3.2133+1.0921i	3.7457-2.0540i	-0.7012+2.6712i	1.7925+0.9744i	0.4528+0.0239i	1.2109+2.1651i	-1.7940-1.0777i
40.6	10.3920-2.5474i	-3.1632+1.1171i	3.8228-2.2969i	-0.7119+2.5976i	1.7681+0.9154i	0.4528-0.0219i	1.1996+2.1281i	-1.7567-0.9683i
40.7	10.4971-2.3261i	-3.2479+1.2856i	4.1451-2.7300i	-0.7698+2.5298i	1.7254+0.8756i	0.4654-0.0540i	1.1512+2.0787i	-1.7016-0.9065i
40.8	10.8213-2.1568i	-3.0481+1.4576i	3.7650-2.8984i	-0.8067+2.5159i	1.7888+0.8624i	0.4583-0.0580i	1.0984+2.0321i	-1.7258-0.9067i
40.9	10.9175-2.0334i	-3.1191+1.5935i	3.8923-3.2247i	-0.8422+2.5211i	1.7609+0.8051i	0.4741-0.0847i	1.0484+2.0154i	-1.6967-0.8535i
41.0	10.9559-2.0656i	-3.2197+1.7722i	4.0244-3.2904i	-0.8838+2.6139i	1.7111+0.7348i	0.4631-0.1359i	1.0388+2.0428i	-1.6308-0.7809i
41.1	11.1729-2.0748i	-3.0939+1.9402i	3.8327-3.1348i	-0.8910+2.7317i	1.6974+0.6826i	0.4358-0.1721i	1.0435+2.0561i	-1.6221-0.7325i
41.2	11.0983-1.9950i	-3.0363+1.8381i	3.9193-3.3110i	-0.8275+2.5871i	1.6484+0.6749i	0.4162-0.1837i	1.0431+2.0092i	-1.5918-0.7403i
41.3	11.1517-1.9542i	-2.7564+2.1170i	3.7694-3.6926i	-0.7738+2.5877i	1.6420+0.6639i	0.3814-0.1916i	1.0596+2.0193i	-1.6006-0.6452i
41.4	11.2896-1.8945i	-2.6975+2.1213i	3.7800-3.6604i	-0.8118+2.5612i	1.6545+0.6200i	0.3946-0.2140i	1.0116+1.9774i	-1.5716-0.5887i
41.5	11.4454-1.7799i	-2.6552+2.1070i	3.3732-4.0381i	-0.8099+2.5924i	1.6390+0.5933i	0.3670-0.2561i	1.0219+2.0305i	-1.5689-0.5889i
41.6	11.3862-1.7306i	-2.4044+2.1384i	3.4923-3.7636i	-0.6432+2.5048i	1.5943+0.5662i	0.3183-0.2496i	1.0921+1.9766i	-1.5249-0.5047i
41.7	11.6237-1.3945i	-2.6154+1.9516i	3.7772-3.7835i	-0.9093+2.3455i	1.6244+0.5462i	0.3086-0.2635i	0.9443+1.9063i	-1.5588-0.4977i
41.8	11.9836-1.5478i	-2.6498+1.8803i	3.2454-3.4861i	-1.0065+2.4853i	1.6750+0.4596i	0.2804-0.2915i	0.8938+1.9683i	-1.6020-0.4188i
41.9	11.8630-1.7632i	-2.4919+1.9948i	3.2973-3.6308i	-0.9374+2.5938i	1.6131+0.4164i	0.2317-0.2895i	0.9380+2.0371i	-1.5371-0.3450i
42.0	11.8630-1.6028i	-2.2411+1.7872i	3.5162-3.4646i	-0.8296+2.5273i	1.5523+0.4137i	0.1970-0.2400i	0.9975+1.9731i	-1.4552-0.3327i
42.1	12.0341-1.5265i	-2.0904+1.7657i	3.3808-3.3726i	-0.8343+2.4199i	1.5820+0.4219i	0.1978-0.2176i	0.9564+1.9079i	-1.4396-0.3604i
42.2	12.1641-1.4954i	-2.1211+1.9194i	3.8067-3.5073i	-0.8295+2.3961i	1.5424+0.3814i	0.1929-0.2066i	0.9215+1.9359i	-1.3777-0.3134i
42.3	12.3777-1.3971i	-2.3547+1.7443i	3.4555-3.1336i	-0.8923+2.3012i	1.5261+0.3369i	0.2095-0.1980i	0.9271+1.9051i	-1.2981-0.3065i
42.4	12.7474-1.4938i	-2.1221+1.9528i	3.9282-3.5933i	-1.0289+2.4204i	1.5486+0.3026i	0.2089-0.2324i	0.7976+2.0000i	-1.3892-0.3186i
42.5	12.7048-1.5816i	-1.9345+1.7514i	4.2576-3.7946i	-0.9894+2.4251i	1.5278+0.2724i	0.1942-0.2475i	0.7920+2.0637i	-1.4658-0.2929i
42.6	12.6424-1.4832i	-2.1727+1.6407i	4.3616-3.7499i	-1.0539+2.3916i	1.4847+0.2521i	0.1584-0.2280i	0.8321+2.0464i	-1.4865-0.2546i
42.7	12.5107-1.3749i	-2.2295+1.6998i	4.9007-3.8489i	-1.0188+2.3930i	1.4113+0.2367i	0.1503-0.2104i	0.8443+2.0335i	-1.4250-0.1853i
42.8	12.5917-1.1639i	-2.2541+1.9435i	5.3412-3.9773i	-0.9935+2.3764i	1.3685+0.2551i	0.1400-0.1965i	0.8303+2.0027i	-1.3964-0.2065i
42.9	12.9665-1.2525i	-2.1786+1.9175i	5.1493-3.7641i	-1.0933+2.5152i	1.3884+0.1798i	0.1259-0.1921i	0.7618+2.0790i	-1.4346-0.0826i
43.0	12.8590-1.3988i	-2.3076+1.6111i	5.0311-3.9574i	-1.2020+2.6134i	1.3539+0.1344i	0.1234-0.1866i	0.8078+2.1468i	-1.3753+0.0006i
43.1	12.8610-1.1954i	-2.5213+1.8158i	5.5054-4.1488i	-1.2763+2.7354i	1.2944+0.1378i	0.1149-0.1846i	0.8207+2.1686i	-1.3465+0.0237i
43.2	12.8089-1.2829i	-2.4108+1.8342i	5.9877-4.1630i	-1.0991+2.7883i	1.2061+0.1211i	0.1057-0.1859i	0.8780+2.2136i	-1.2624+0.1130i
43.3	12.7339-1.1395i	-2.3135+1.8929i	6.1310-4.4688i	-1.0468+2.8323i	1.1678+0.1468i	0.0852-0.1741i	0.9255+2.2188i	-1.2072+0.1800i
43.4	12.5694-0.8722i	-2.8048+1.6730i	7.0965-4.9898i	-1.1549+2.6328i	1.1256+0.2102i	0.0862-0.1659i	0.8638+2.1371i	-1.1185+0.1220i

43.5	12.7692-0.9978i	-2.8672+1.5749i	7.2288-4.7785i	-1.2402+2.6495i	1.1495+0.1671i	0.0878-0.1882i	0.8102+2.1754i	-1.1233+0.1508i
43.6	13.0013-0.8092i	-2.6714+1.9853i	6.9680-5.4027i	-1.2642+2.8562i	1.1760+0.1694i	0.0809-0.1972i	0.7792+2.2694i	-1.1562+0.1563i
43.7	12.7476-0.8572i	-2.7833+2.1762i	7.3953-6.0078i	-1.2377+3.0479i	1.0964+0.1941i	0.0475-0.1934i	0.8388+2.3397i	-1.0941+0.2019i
43.8	12.3618-1.1540i	-2.5421+2.1353i	7.9605-5.9605i	-1.0520+3.1526i	0.9983+0.1682i	0.0151-0.1816i	0.9603+2.4187i	-0.9095+0.2762i
43.9	12.1697-0.8866i	-2.7105+2.1903i	8.1802-6.3357i	-0.8896+3.1349i	0.9291+0.2015i	-0.0095-0.1601i	1.0822+2.4289i	-0.7791+0.2448i
44.0	12.4319-0.5981i	-2.5746+2.3009i	7.5641-6.7287i	-0.7670+3.0897i	0.9836+0.2327i	-0.0237-0.1570i	1.1308+2.4431i	-0.8129+0.1907i
44.1	11.8765-0.2489i	-2.8286+2.3283i	8.7474-7.3948i	-0.8279+3.1216i	0.9109+0.2616i	-0.0427-0.1342i	1.1816+2.4422i	-0.7368+0.2236i
44.2	11.7386-0.0495i	-2.6924+2.4439i	9.1674-7.9155i	-0.6543+3.0967i	0.8532+0.2959i	-0.0658-0.1069i	1.3083+2.4204i	-0.5759+0.1470i
44.3	11.1630-0.0229i	-2.6602+2.2341i	10.1068-7.6290i	-0.5001+2.9840i	0.7349+0.2601i	-0.1375-0.0903i	1.4664+2.3950i	-0.5259+0.1496i
44.4	11.4686+0.7229i	-2.7198+2.4111i	9.6321-8.1676i	-0.3717+2.8556i	0.7395+0.3725i	-0.1354-0.0427i	1.5360+2.2145i	-0.5437+0.0464i
44.5	11.6751+1.1242i	-2.7027+2.4843i	9.8167-8.9470i	-0.3945+2.6498i	0.7800+0.4697i	-0.1020-0.0125i	1.4446+2.0764i	-0.6045-0.0131i
44.6	11.6757+2.2641i	-2.9546+2.8108i	9.7270-10.8325i	-0.5692+2.8075i	0.8063+0.5495i	-0.1207+0.0315i	1.4406+2.0981i	-0.5637+0.0274i
44.7	11.5884+2.6360i	-2.8634+2.6713i	10.1721-11.2220i	-0.4793+2.6642i	0.7741+0.5852i	-0.1254+0.0717i	1.4604+2.0139i	-0.4668-0.0028i
44.8	12.0222+3.5580i	-2.9080+2.9377i	10.0699-12.9977i	-0.5391+2.6350i	0.8204+0.7040i	-0.0781+0.1029i	1.3487+1.9605i	-0.4718-0.1292i
44.9	12.3937+4.9639i	-3.1438+3.3127i	9.9504-15.8653i	-0.6709+2.6565i	0.8326+0.8655i	-0.0506+0.1562i	1.3112+1.9528i	-0.5131-0.2764i
45.0	12.5564+5.3846i	-3.4810+3.4492i	9.8922-16.4322i	-0.6482+2.5936i	0.8045+0.9202i	-0.0410+0.1661i	1.3557+1.9118i	-0.4791-0.3296i
45.1	12.8745+6.1434i	-3.4210+4.1064i	9.2467-18.0209i	-0.6788+2.6378i	0.8646+1.0307i	-0.0420+0.1777i	1.3194+1.8945i	-0.5167-0.3889i
45.2	13.4803+6.7472i	-3.1072+4.3492i	8.1537-19.0015i	-0.6884+2.6711i	0.9777+1.0786i	-0.0274+0.1867i	1.2545+1.8831i	-0.6230-0.3943i
45.3	14.6872+7.5116i	-2.6496+4.5788i	6.0734-20.1654i	-0.6466+2.7361i	1.1297+1.1252i	-0.0040+0.2056i	1.2481+1.8992i	-0.6926-0.3953i
45.4	15.4361+7.4823i	-2.0326+4.2680i	4.4935-19.7802i	-0.5261+2.5171i	1.2354+1.1444i	0.0174+0.2406i	1.2995+1.7737i	-0.6991-0.4799i
45.5	16.5133+7.2947i	-1.6559+3.9761i	3.2323-18.3001i	-0.4985+2.4105i	1.3781+1.0783i	0.0693+0.2474i	1.2080+1.6583i	-0.8064-0.4546i
45.6	17.6454+8.3329i	-1.7757+4.6268i	1.7180-20.9698i	-0.6622+2.6149i	1.5235+1.1708i	0.1062+0.2619i	1.0263+1.7781i	-0.8929-0.4641i
45.7	18.4656+8.7132i	-1.5341+4.5729i	0.0102-21.3466i	-0.5941+2.6056i	1.6282+1.1675i	0.1557+0.2593i	1.0298+1.7920i	-0.9270-0.4809i
45.8	20.0156+8.1785i	-0.9042+4.2362i	-2.5878-20.0796i	-0.5325+2.6200i	1.8343+1.0107i	0.1817+0.2051i	0.9787+1.8792i	-1.0676-0.3602i
45.9	20.7797+8.6202i	-0.9489+4.7087i	-4.1647-20.9939i	-0.4483+2.6076i	1.9133+1.0648i	0.2216+0.2300i	0.9837+1.8882i	-1.0762-0.3743i
46.0	21.3475+8.6375i	-0.6946+4.7237i	-5.1049-20.8906i	-0.4310+2.5552i	1.9614+1.0457i	0.2343+0.2319i	1.0144+1.8866i	-1.0510-0.3502i
46.1	22.3553+8.5335i	-0.2239+4.5836i	-6.1646-19.8892i	-0.3246+2.5536i	2.0436+0.9746i	0.2440+0.2264i	1.0429+1.8837i	-1.0344-0.3332i
46.2	22.7843+7.6254i	0.0241+4.0705i	-6.2568-18.1863i	-0.3802+2.4037i	2.0855+0.8441i	0.2499+0.2152i	1.0020+1.8608i	-1.0990-0.3289i
46.3	23.1677+7.0368i	-0.0534+3.6731i	-6.5465-17.0324i	-0.4488+2.3931i	2.1264+0.7368i	0.2519+0.1955i	0.9570+1.8954i	-1.1728-0.2286i
46.4	23.6967+6.5788i	-0.0356+3.6109i	-6.8081-15.6947i	-0.5547+2.3081i	2.1876+0.6272i	0.2584+0.1505i	0.8695+1.9027i	-1.2081-0.1503i
46.5	23.9529+5.9287i	0.2740+3.3079i	-7.0347-14.6417i	-0.5546+2.3539i	2.2210+0.4798i	0.2367+0.1432i	0.8448+2.0042i	-1.1735-0.0369i
46.6	24.2639+5.7951i	0.3124+3.3199i	-7.5925-14.4522i	-0.4727+2.4092i	2.2299+0.4320i	0.2529+0.1532i	0.8913+2.0439i	-1.1126-0.0365i
46.7	24.7648+5.7175i	0.1532+3.2219i	-7.9105-14.4054i	-0.5267+2.3533i	2.2348+0.3890i	0.2691+0.1471i	0.8823+2.0675i	-1.1249-0.0694i
46.8	25.4309+4.6717i	0.3822+2.6374i	-8.1208-11.9200i	-0.5262+2.4023i	2.2140+0.1441i	0.2241+0.1383i	0.9385+2.2136i	-1.1464+0.0863i
46.9	26.0762+4.7203i	0.3176+2.4197i	-9.0090-11.5441i	-0.4630+2.3061i	2.2494+0.0887i	0.2629+0.1205i	0.9631+2.2293i	-1.1481+0.1122i
47.0	25.9042+4.3982i	-0.0212+2.1977i	-8.5568-10.7764i	-0.4650+2.1724i	2.1754+0.0536i	0.2901+0.1080i	1.0294+2.1614i	-1.0917+0.1035i
47.1	25.8671+4.2816i	-0.2281+2.0110i	-8.0290-9.8925i	-0.5091+2.1948i	2.1305-0.0490i	0.2721+0.0950i	1.0271+2.2109i	-1.1132+0.1994i
47.2	25.9519+4.2366i	-0.1228+1.7076i	-8.2613-9.5205i	-0.4671+2.2035i	2.1315-0.1311i	0.2773+0.0783i	1.0420+2.2607i	-1.0985+0.2846i
47.3	26.1580+3.9463i	-0.3706+1.8110i	-7.7702-8.9187i	-0.4948+2.1169i	2.0739-0.1552i	0.2750+0.0539i	1.0778+2.2135i	-1.0062+0.2954i
47.4	26.5995+4.0221i	-0.6907+1.8238i	-7.3670-8.4511i	-0.5313+2.0508i	2.0149-0.1818i	0.2563+0.0496i	1.1145+2.1869i	-0.9309+0.2788i
47.5	26.4042+3.8959i	-0.4584+1.7753i	-7.4544-7.9285i	-0.5526+2.0569i	1.9967-0.2461i	0.2404+0.0545i	1.1349+2.2099i	-0.9159+0.2936i
47.6	26.7158+3.9902i	-0.9351+1.7185i	-6.9655-7.6811i	-0.5563+1.9863i	1.9290-0.2388i	0.2692+0.0675i	1.1768+2.1434i	-0.8822+0.2802i
47.7	27.2884+3.9830i	-0.9038+1.7444i	-7.0129-7.3155i	-0.6583+1.9176i	1.9774-0.2617i	0.2663+0.0085i	1.0605+2.1126i	-0.9436+0.3057i
47.8	27.5099+3.0568i	-0.8919+1.5256i	-6.8700-6.0508i	-0.7302+1.9586i	1.9325-0.3859i	0.2183+0.0076i	1.0779+2.2082i	-0.8649+0.3897i
47.9	27.9637+2.9748i	-0.7764+1.6031i	-6.9764-5.6923i	-0.7059+1.9172i	1.9283-0.4337i	0.2016+0.0045i	1.1061+2.2486i	-0.8031+0.3723i
48.0	27.9993+3.6181i	-1.3246+1.4941i	-6.4046-5.8578i	-0.6978+1.8974i	1.8612-0.4351i	0.2163+0.0045i	1.1376+2.2291i	-0.7428+0.3285i
48.1	27.7315+3.7889i	-1.1355+1.2286i	-6.0248-5.6671i	-0.7882+1.8521i	1.8497-0.4929i	0.1891+0.0083i	1.1005+2.2677i	-0.7824+0.3127i
48.2	28.1245+3.3825i	-0.7534+1.4293i	-6.2089-5.5632i	-0.8287+1.9122i	1.8692-0.5615i	0.1648+0.0026i	1.0652+2.3435i	-0.8547+0.3890i
48.3	28.6570+3.2660i	-0.7613+1.1123i	-5.7683-5.0498i	-0.8708+1.8630i	1.8133-0.6208i	0.1484-0.0048i	1.0869+2.3639i	-0.8056+0.3880i
48.4	29.1212+3.3971i	-1.3852+0.9561i	-4.9033-4.9619i	-0.9808+1.8544i	1.6690-0.6204i	0.1383+0.0270i	1.1946+2.3524i	-0.7544+0.3973i
48.5	29.7332+3.2034i	-1.7665+1.1108i	-5.0627-5.2319i	-0.9957+1.8334i	1.6369-0.5991i	0.1372+0.0241i	1.2048+2.3381i	-0.7117+0.4221i
48.6	30.1327+2.7591i	-1.7348+1.2238i	-4.9144-5.2300i	-0.9649+1.8302i	1.5944-0.6212i	0.1390+0.0611i	1.2532+2.3721i	-0.6897+0.4072i
48.7	30.3430+2.5977i	-1.9186+1.3042i	-5.2263-4.7657i	-0.9992+1.8549i	1.5642-0.6297i	0.1694+0.0594i	1.3073+2.3516i	-0.6866+0.4368i
48.8	30.4022+2.7488i	-1.9764+1.3700i	-4.9618-4.0089i	-1.0544+1.7991i	1.5424-0.6244i	0.1638+0.0048i	1.2746+2.2974i	-0.6567+0.4718i
48.9	30.9246+2.7399i	-2.1992+1.4519i	-4.5740-3.6752i	-1.0909+1.7774i	1.5134-0.6281i	0.1161-0.0071i	1.2505+2.2933i	-0.5736+0.4794i
49.0	31.1951+2.3840i	-2.1655+1.6569i	-4.0892-3.5471i	-1.1418+1.7994i	1.4530-0.6269i	0.0963+0.0252i	1.3039+2.3039i	-0.5148+0.4434i
49.1	31.3885+2.4983i	-2.1728+1.4939i	-3.8158-3.7416i	-1.1902+1.8075i	1.4216-0.6465i	0.0711+0.0616i	1.3112+2.3477i	-0.4940+0.4206i
49.2	32.0550+2.5536i	-2.5489+1.5363i	-3.5557-3.7164i	-1.1595+1.8532i	1.3822-0.6214i	0.0950+0.0820i	1.3385+2.3183i	-0.4619+0.3845i
49.3	31.7607+2.2712i	-2.4666+1.6296i	-3.5205-3.5611i	-1.1501+1.8986i	1.3811-0.6190i	0.1048+0.0609i	1.3333+2.2856i	-0.4567+0.3744i
49.4	32.6233+1.7057i	-2.8896+2.0899i	-3.8590-3.4486i	-1.1804+1.9184i	1.3774-0.6063i	0.1041+0.0437i	1.3528+2.3073i	-0.4664+0.3667i
49.5	32.8393+1.8788i	-2.8485+2.0177i	-3.5089-2.9922i	-1.2088+1.8912i	1.3428-0.6295i	0.0678+0.0630i	1.3612+2.3276i	-0.4398+0.3438i
49.6	32.6414+2.0201i	-2.5234+1.2932i	-2.8768-2.2306i	-1.2620+1.8582i	1.2751-0.7174i	0.0444+0.1164i	1.3924+2.3547i	-0.4711+0.3483i
49.7	33.3418+2.5695i	-2.9721+0.9537i	-2.8621-2.7937i	-1.2602+1.8191i	1.2242-0.6714i	0.0877+0.1244i	1.4291+2.3369i	-0.4777+0.4213i

49.8	33.7094+2.1398i	-3.3183+1.4761i	-2.4124-2.9509i	-1.3003+1.8774i	1.2155-0.5840i	0.1162+0.0831i	1.4404+2.2576i	-0.4090+0.4521i
49.9	33.8325+1.9500i	-3.1506+1.7688i	-2.2776-2.4315i	-1.3485+1.8927i	1.2483-0.5841i	0.0524+0.0797i	1.3994+2.2532i	-0.3030+0.4306i
50.0	34.0548+1.4359i	-2.7129+1.9971i	-2.3686-2.4654i	-1.3446+1.8825i	1.2911-0.5835i	0.0487+0.1089i	1.3763+2.2444i	-0.3138+0.3647i
50.1	34.3617+1.9552i	-2.9430+1.8555i	-1.9086-2.8470i	-1.3359+1.8252i	1.2850-0.5489i	0.0795+0.1131i	1.3373+2.1997i	-0.3146+0.3308i
50.2	34.6812+1.8390i	-2.8971+2.4362i	-1.8784-2.5019i	-1.3326+1.8799i	1.3096-0.5514i	0.0520+0.0992i	1.2830+2.2086i	-0.3097+0.2945i
50.3	35.3265+1.3141i	-3.5721+2.3050i	-1.8989-1.8052i	-1.4433+1.9217i	1.2610-0.6065i	0.0602+0.1017i	1.3161+2.2522i	-0.3059+0.2999i
50.4	35.7792+1.3690i	-3.9050+2.6439i	-1.2791-2.1495i	-1.5293+1.8634i	1.2625-0.5724i	0.0737+0.0800i	1.2613+2.2453i	-0.2975+0.2998i
50.5	35.6281+1.5601i	-3.8798+2.7865i	-0.7097-1.9813i	-1.4562+1.8925i	1.2149-0.5654i	0.0748+0.0849i	1.3091+2.2395i	-0.2406+0.2953i
50.6	35.7713+1.5521i	-3.7916+2.1844i	-0.4022-1.3371i	-1.5737+1.8762i	1.1802-0.6605i	0.0163+0.0959i	1.3302+2.3351i	-0.1752+0.2767i
50.7	37.1956+0.8284i	-3.8605+3.5945i	-0.3895-1.6917i	-1.6503+1.9008i	1.2392-0.5820i	-0.0137+0.0890i	1.2524+2.3215i	-0.2110+0.1612i
50.8	39.0085+0.9331i	-5.1377+4.0034i	-0.3815-2.2416i	-1.7381+1.9396i	1.1629-0.5302i	-0.0027+0.1515i	1.2716+2.3230i	-0.2785+0.0921i
50.9	38.5097+1.6413i	-4.9076+2.8751i	0.4286-2.1626i	-1.7380+1.9016i	1.0879-0.5924i	0.0080+0.2269i	1.3242+2.3649i	-0.3048+0.1451i
51.0	38.5046+1.0023i	-4.5733+3.4692i	0.8519-2.2380i	-1.7591+1.9410i	1.1077-0.5463i	0.0075+0.2360i	1.3186+2.3485i	-0.2854+0.1308i
51.1	39.2674+1.1060i	-5.3460+3.3462i	0.7163-1.8358i	-1.8448+1.9321i	1.0557-0.5220i	0.0861+0.2084i	1.3836+2.3032i	-0.3002+0.1764i
51.2	39.6755+0.5551i	-5.2777+4.5737i	1.0235-1.9598i	-1.9335+2.0195i	1.1137-0.4722i	0.0164+0.1380i	1.2769+2.3072i	-0.2358+0.2002i
51.3	40.1916+0.0740i	-4.3778+4.2833i	1.1408-1.6609i	-1.9271+2.0796i	1.1370-0.5869i	-0.0987+0.2634i	1.2625+2.4520i	-0.1742+0.1211i
51.4	40.5057-0.1015i	-4.5419+3.5842i	1.5144-1.9333i	-1.9930+2.1065i	1.0728-0.6288i	-0.0105+0.3939i	1.3226+2.4889i	-0.2606+0.0577i
51.5	41.1930-1.2246i	-4.5563+5.1658i	1.4293-2.2690i	-1.9279+2.1976i	1.1450-0.5324i	0.1029+0.2792i	1.2786+2.4587i	-0.3452+0.1232i
51.6	41.6920-1.2353i	-5.7850+5.9613i	1.4102-1.9383i	-2.0185+2.1737i	1.1119-0.4471i	0.1616+0.1681i	1.3227+2.3941i	-0.2994+0.1751i
51.7	41.5785-0.2685i	-6.2870+5.8298i	1.9681-1.4926i	-2.0355+2.2052i	1.0280-0.4047i	0.1611+0.1518i	1.4086+2.3229i	-0.2200+0.1416i
51.8	42.4289-0.1876i	-6.2858+6.5321i	1.7869-1.6122i	-1.8802+2.1705i	1.0770-0.3697i	0.1237+0.1393i	1.3633+2.3130i	-0.2382+0.1123i
51.9	43.3719-0.4851i	-6.1178+7.2228i	2.4658-2.1848i	-1.8829+2.2897i	1.1033-0.3200i	0.0850+0.1459i	1.3338+2.3030i	-0.2329+0.1148i
52.0	43.0096-0.4951i	-5.2509+5.9118i	2.5815-1.7959i	-1.9525+2.2033i	1.0584-0.4361i	0.0710+0.2121i	1.3702+2.3869i	-0.1791+0.1396i
52.1	44.0843-1.0435i	-6.1075+7.4743i	3.1658-1.8388i	-2.0935+2.2426i	1.1018-0.3061i	0.0811+0.1421i	1.2824+2.2949i	-0.1854+0.0755i
52.2	44.6160-1.5685i	-5.4091+8.8313i	3.1257-1.9882i	-2.0142+2.3513i	1.2214-0.2718i	-0.0050+0.0743i	1.2031+2.2921i	-0.1730+0.0990i
52.3	44.3532-2.2622i	-3.9361+9.4060i	3.6763-1.9100i	-2.0470+2.4208i	1.3250-0.2960i	-0.1328+0.1387i	1.1262+2.3490i	-0.1226+0.0550i
52.4	45.3774-2.7975i	-3.5190+9.5703i	4.2308-2.1312i	-2.0985+2.3854i	1.3532-0.3119i	-0.1127+0.2198i	1.0735+2.3944i	-0.1332-0.0296i
52.5	45.4223-3.0932i	-2.8947+8.5468i	4.2023-1.6602i	-2.0741+2.3422i	1.2935-0.4390i	-0.0688+0.2784i	1.1468+2.5204i	-0.1196-0.0168i
52.6	45.7349-3.5650i	-2.3194+8.6440i	4.4204-1.7881i	-2.0153+2.3697i	1.3478-0.4651i	-0.1099+0.3063i	1.1000+2.5788i	-0.1233-0.0875i
52.7	47.4233-3.6708i	-3.7149+9.2582i	5.4244-2.8973i	-2.1161+2.4216i	1.3916-0.2806i	-0.0747+0.2803i	0.9996+2.4197i	-0.1749-0.2051i
52.8	47.4595-3.5414i	-3.1857+8.5278i	5.4004-1.9145i	-2.2045+2.4034i	1.3001-0.4158i	0.0025+0.3591i	1.1236+2.6094i	-0.2158-0.1835i
52.9	48.4449-3.5586i	-3.4624+8.9476i	5.8829-2.1320i	-2.1549+2.6518i	1.3136-0.3430i	0.0356+0.3330i	1.1584+2.5934i	-0.2996-0.1746i
53.0	48.9582-4.3645i	-3.8232+9.9565i	6.1783-3.0062i	-2.0852+2.7125i	1.4435-0.2543i	0.0250+0.2658i	1.0185+2.5205i	-0.2875-0.1142i
53.1	48.5937-4.8799i	-1.9157+9.4591i	5.6589-2.4606i	-2.1041+2.4793i	1.5119-0.4866i	0.0045+0.3350i	1.0362+2.8297i	-0.2592-0.0983i
53.2	49.5230-5.2274i	-2.0347+11.0289i	5.7433-2.7371i	-2.0889+2.4853i	1.6881-0.4692i	-0.1102+0.2717i	0.8473+2.8994i	-0.2449-0.1746i
53.3	49.4999-4.6214i	-1.8714+9.6640i	6.2521-2.3410i	-1.9757+2.3850i	1.5819-0.5431i	-0.1080+0.3059i	1.0485+2.9246i	-0.2275-0.2234i
53.4	50.0742-5.4098i	-0.4204+9.4850i	6.8165-2.4532i	-1.9101+2.3712i	1.6313-0.6893i	-0.1534+0.3891i	1.0696+3.0547i	-0.3117-0.2118i
53.5	51.2245-5.7888i	-1.0113+10.5018i	7.3513-3.1902i	-1.8349+2.4525i	1.7463-0.7045i	-0.1775+0.4373i	0.9273+3.0778i	-0.3588-0.2298i
53.6	52.5245-6.5050i	-1.8010+11.2491i	7.6564-3.3895i	-1.9224+2.3933i	1.7910-0.6630i	-0.1356+0.3921i	0.8767+3.0196i	-0.3511-0.2228i
53.7	52.4153-6.8366i	-1.6438+10.0184i	8.0482-2.9942i	-2.0902+2.4190i	1.6582-0.7835i	-0.0714+0.4558i	1.0040+3.1148i	-0.3294-0.2832i
53.8	53.7792-8.4507i	-1.9555+12.7090i	7.7737-3.5966i	-2.2079+2.6993i	1.9023-0.8759i	-0.1427+0.4438i	0.6966+3.3316i	-0.4674-0.3070i
53.9	53.8717-8.8024i	-0.7805+12.7086i	7.6710-2.7607i	-2.2536+2.6172i	1.8475-1.1437i	-0.1924+0.4931i	0.7985+3.7042i	-0.4500-0.2111i
54.0	54.3709-9.1442i	-0.3830+12.8553i	9.1396-2.7431i	-2.1551+2.6413i	1.7448-1.1757i	-0.2506+0.5677i	0.9615+3.8042i	-0.4078-0.2280i
54.1	56.0808-9.1002i	-1.7023+12.7505i	10.2803-3.1770i	-2.0111+2.8095i	1.6509-1.0389i	-0.1626+0.6022i	1.1884+3.6430i	-0.3944-0.3249i
54.2	55.4952-11.0221i	0.1008+13.8677i	9.9447-4.2334i	-1.9244+2.7660i	1.6964-1.2809i	-0.1158+0.6959i	1.2326+3.9244i	-0.5329-0.3153i
54.3	56.0074-12.6737i	1.4485+14.8681i	10.1529-4.1154i	-1.9289+2.7039i	1.6696-1.4436i	-0.1174+0.7142i	1.3364+4.0866i	-0.5592-0.2648i
54.4	55.7427-13.6200i	3.2901+14.8840i	10.4795-4.3980i	-1.9130+2.5990i	1.5259-1.5881i	-0.0957+0.7859i	1.5504+4.2246i	-0.5835-0.2588i
54.5	55.5306-15.8791i	5.5514+15.9160i	10.5382-5.4983i	-1.7899+2.6342i	1.5153-1.7788i	-0.0972+0.9020i	1.6070+4.4603i	-0.6811-0.2542i
54.6	56.8425-15.2094i	4.9054+15.4280i	11.0194-5.4499i	-2.0923+2.7569i	1.4042-1.6980i	-0.0376+0.9027i	1.7671+4.3818i	-0.7222-0.2642i
54.7	57.6321-16.5001i	4.2885+15.7294i	11.9887-6.1320i	-2.0777+2.7008i	1.3726-1.6254i	-0.0013+0.9153i	1.8124+4.2597i	-0.7626-0.2570i
54.8	57.0434-18.8727i	7.0982+17.2310i	11.6584-6.8120i	-1.8911+2.8241i	1.3413-1.8190i	0.0883+0.9715i	1.9335+4.5172i	-0.8563-0.1503i
54.9	57.3155-19.3905i	8.0706+16.2697i	12.5312-6.9600i	-1.9116+2.8536i	1.2098-1.8106i	0.1401+0.9051i	2.1204+4.4523i	-0.8048-0.0739i
55.0	55.9381-19.6678i	9.6458+15.2321i	12.5232-7.2495i	-2.0256+2.7520i	1.0336-1.8661i	0.1972+0.9606i	2.3504+4.5020i	-0.7846-0.0396i
55.1	56.9737-20.2910i	9.6810+15.8261i	12.3925-7.4917i	-2.1304+2.6302i	0.9771-1.8921i	0.2035+0.9989i	2.4518+4.5261i	-0.7885-0.0219i
55.2	56.9431-21.4513i	10.8774+15.5930i	12.5700-8.4088i	-1.9273+2.6194i	0.9099-1.9164i	0.2615+1.0182i	2.5616+4.5229i	-0.8115+0.0083i
55.3	55.2968-21.9601i	13.1182+14.0672i	12.3553-8.5474i	-2.0199+2.6396i	0.6651-1.9354i	0.3855+1.0241i	2.9139+4.5004i	-0.7932+0.0715i
55.4	52.0637-21.4861i	15.9299+11.1665i	11.4421-8.3984i	-1.9627+2.5596i	0.3494-1.9694i	0.5520+1.0175i	3.3398+4.4402i	-0.7263+0.1643i
55.5	52.4587-22.2183i	15.5613+12.5269i	11.5535-9.0863i	-1.8652+2.5432i	0.4156-1.9495i	0.5474+1.0249i	3.2450+4.4377i	-0.7652+0.1454i
55.6	53.2656-24.3446i	17.9015+13.5067i	12.1262-9.7337i	-1.7338+2.6110i	0.3582-1.9928i	0.5776+0.9916i	3.3192+4.4874i	-0.7636+0.1987i
55.7	52.4302-23.1632i	19.6414+10.1658i	12.4135-9.7031i	-1.9909+2.3993i	0.1475-1.8916i	0.6659+0.9284i	3.5858+4.3196i	-0.7064+0.2409i
55.8	51.1858-24.3656i	22.4674+9.1727i	11.5522-10.2531i	-2.0462+2.3398i	-0.0084-1.9327i	0.7476+0.9262i	3.8427+4.3697i	-0.7034+0.2975i
55.9	49.1103-24.7026i	24.6225+5.2529i	11.1709-10.7207i	-1.8431+2.1670i	-0.1906-1.8356i	0.8023+0.8445i	4.1158+4.1924i	-0.6444+0.3621i
56.0	49.6565-23.9155i	22.3085+4.6717i	11.5840-10.9547i	-1.8868+2.3329i	-0.1854-1.6736i	0.7865+0.7940i	4.0444+4.0008i	-0.6274+0.3200i

56.1	49.8994-21.6938i	21.9966+2.6163i	12.0344-9.7715i	-2.0973+2.4081i	-0.2667-1.4752i	0.8244+0.6713i	4.1584+3.7407i	-0.5793+0.3085i
56.2	50.4039-23.5248i	23.6108+3.1334i	12.4569-10.7754i	-2.1517+2.5936i	-0.2530-1.4830i	0.8121+0.6691i	4.2023+3.7606i	-0.5753+0.3425i
56.3	50.5278-24.3695i	24.5145+0.7114i	12.9760-11.7616i	-1.9710+2.5651i	-0.2807-1.4308i	0.8090+0.6307i	4.2465+3.6415i	-0.5373+0.3764i
56.4	50.0527-24.9283i	24.6117-1.8310i	12.9590-12.6285i	-1.9065+2.4391i	-0.3181-1.3595i	0.7993+0.5819i	4.2855+3.5156i	-0.4785+0.3692i
56.5	50.3605-25.4707i	24.5461-3.7028i	12.7662-13.1697i	-2.1673+2.4746i	-0.3442-1.2837i	0.7903+0.5514i	4.3531+3.4076i	-0.4387+0.3551i
56.6	49.0302-24.5465i	24.5334-5.3232i	12.3872-13.1227i	-2.0330+2.3648i	-0.3964-1.1921i	0.7732+0.5242i	4.3947+3.2860i	-0.3930+0.3421i
56.7	49.7539-24.1930i	23.9175-6.8223i	13.0288-13.7520i	-2.0185+2.3781i	-0.3680-1.0925i	0.7477+0.4939i	4.3496+3.1728i	-0.3572+0.3077i
56.8	50.0306-23.6885i	23.5954-8.8516i	12.5448-13.4756i	-2.0514+2.2370i	-0.4077-1.0210i	0.7584+0.4675i	4.4069+3.0764i	-0.3314+0.3057i
56.9	49.6120-25.2899i	22.0383-11.6856i	12.3256-14.2612i	-2.2654+2.2804i	-0.4078-0.9440i	0.7111+0.4363i	4.4081+2.9299i	-0.3074+0.2726i
57.0	49.7808-26.2608i	20.2082-13.3090i	12.3390-15.7511i	-2.2223+2.4107i	-0.3720-0.8885i	0.6643+0.4445i	4.3308+2.8567i	-0.2775+0.2311i
57.1	50.7358-26.0180i	18.6288-14.5466i	12.4035-15.5222i	-2.2082+2.2266i	-0.3377-0.7859i	0.6907+0.4482i	4.3240+2.7411i	-0.2800+0.2066i
57.2	49.8493-24.9240i	18.8681-18.0108i	12.0214-15.5141i	-2.2172+1.9583i	-0.3591-0.7079i	0.7405+0.4091i	4.3929+2.6250i	-0.2814+0.1871i
57.3	50.1850-24.9186i	18.9905-17.6336i	12.1818-15.4073i	-2.1731+1.9615i	-0.3375-0.7095i	0.7015+0.3811i	4.3787+2.6280i	-0.3035+0.1792i
57.4	50.5396-24.7647i	15.6529-19.8057i	12.1097-15.9774i	-2.3637+1.8024i	-0.3089-0.6322i	0.6614+0.3659i	4.3280+2.5287i	-0.2957+0.1452i
57.5	50.8254-25.9236i	12.2010-20.9706i	11.7673-16.9055i	-2.7405+2.0829i	-0.2675-0.5892i	0.6178+0.3539i	4.2749+2.4846i	-0.2727+0.1054i
57.6	49.6663-26.1520i	10.6731-21.7501i	11.3912-16.9178i	-2.8339+1.9503i	-0.2733-0.5656i	0.6097+0.3685i	4.2717+2.4602i	-0.2578+0.0997i
57.7	47.4812-26.9476i	9.8135-21.2093i	10.3224-17.2554i	-2.9404+1.9078i	-0.2508-0.5776i	0.6020+0.4021i	4.2574+2.4651i	-0.2886+0.1020i
57.8	47.1519-27.6771i	6.7141-20.9057i	10.2566-17.7245i	-3.0102+2.0492i	-0.2077-0.5143i	0.5658+0.3927i	4.2075+2.4003i	-0.3087+0.0486i
57.9	48.2024-26.9256i	6.0963-21.7879i	10.8715-17.7484i	-2.8666+1.9600i	-0.1919-0.4661i	0.5666+0.3929i	4.2333+2.3134i	-0.3221+0.0371i
58.0	47.0349-26.1550i	3.7035-22.7661i	9.7176-17.9988i	-3.1458+1.7304i	-0.1911-0.4283i	0.5680+0.4047i	4.2486+2.2802i	-0.3405+0.0051i
58.1	45.6039-25.8655i	3.1280-22.8323i	8.7379-18.1165i	-3.0687+1.7753i	-0.1935-0.4089i	0.5609+0.4096i	4.2682+2.2893i	-0.3660-0.0285i
58.2	48.0797-26.1568i	1.4198-21.3435i	9.1855-18.2820i	-3.2138+1.9819i	-0.1292-0.3889i	0.5396+0.4203i	4.2101+2.2773i	-0.4091-0.0104i
58.3	47.7888-25.6504i	-0.0629-20.1706i	9.1670-17.6907i	-3.3586+2.0863i	-0.1035-0.3743i	0.5443+0.4446i	4.1896+2.2343i	-0.4133+0.0044i
58.4	46.6097-24.6220i	-1.7738-18.0410i	9.0715-17.2243i	-3.4244+2.3908i	-0.0751-0.3493i	0.5295+0.4584i	4.1675+2.2370i	-0.4329+0.0073i
58.5	47.4772-24.6703i	-3.2186-18.2199i	9.1234-17.4419i	-3.6546+2.3322i	-0.0494-0.3349i	0.5319+0.4630i	4.1930+2.2205i	-0.4515+0.0358i
58.6	47.6807-24.0158i	-4.1471-17.0718i	8.9644-17.4593i	-3.7051+2.4368i	-0.0175-0.3317i	0.5436+0.4657i	4.2290+2.2108i	-0.4765+0.0433i
58.7	48.1691-23.8719i	-4.9438-16.9393i	9.3914-18.0897i	-3.8258+2.4427i	0.0114-0.3178i	0.5367+0.4679i	4.2300+2.2044i	-0.4682+0.0449i
58.8	48.1756-24.0188i	-5.5640-15.5830i	9.1405-18.0395i	-3.8718+2.6630i	0.0176-0.3321i	0.5452+0.5080i	4.2646+2.1994i	-0.4726+0.0802i
58.9	48.3301-23.2021i	-6.0702-14.8722i	8.7099-17.7096i	-3.9669+2.5229i	0.0282-0.3259i	0.5666+0.5219i	4.3038+2.1959i	-0.4770+0.1066i
59.0	47.6349-22.3876i	-6.4259-13.6321i	8.6492-17.4489i	-4.0190+2.7451i	0.0402-0.3120i	0.5865+0.5079i	4.3088+2.1508i	-0.4390+0.0984i
59.1	47.9000-23.4909i	-5.8704-11.9245i	8.8804-17.3513i	-3.8953+2.9507i	0.0570-0.3148i	0.6030+0.5017i	4.3575+2.1254i	-0.4260+0.1053i
59.2	49.5620-23.0966i	-5.6349-11.2967i	9.8738-18.2234i	-3.9770+2.9934i	0.0786-0.3206i	0.6145+0.5198i	4.4278+2.1339i	-0.4250+0.1103i
59.3	50.4151-22.9096i	-5.2135-9.4522i	10.3003-18.2180i	-4.2151+3.2916i	0.0835-0.3266i	0.6473+0.5186i	4.4641+2.1111i	-0.4346+0.0907i
59.4	50.1302-22.4343i	-3.2490-9.5481i	9.7834-18.0373i	-4.0750+3.3166i	0.0714-0.3181i	0.6968+0.5095i	4.5886+2.0778i	-0.4542+0.0809i
59.5	51.2694-21.0809i	-2.8105-10.4603i	10.1886-18.0913i	-4.1574+3.4089i	0.0706-0.3073i	0.6936+0.4810i	4.6617+2.0261i	-0.4518+0.0923i
59.6	51.6496-21.4098i	-2.9707-10.0240i	10.1311-18.1006i	-4.0593+3.7742i	0.0744-0.3073i	0.6841+0.4635i	4.7119+1.9091i	-0.4148+0.1142i
59.7	51.5931-23.0134i	-2.7493-9.2199i	9.5229-18.9924i	-3.9888+4.1509i	0.0802-0.3259i	0.6588+0.4685i	4.7443+1.8052i	-0.3854+0.1240i
59.8	52.9130-23.4361i	-2.6775-9.8017i	9.3785-19.7334i	-3.8905+4.2494i	0.0789-0.3237i	0.6596+0.4517i	4.7658+1.6500i	-0.3617+0.1158i
59.9	51.2883-21.8894i	-1.5210-10.4114i	9.0574-18.8489i	-4.4212+5.0258i	0.0770-0.2980i	0.6734+0.4139i	4.7812+1.5501i	-0.4072+0.1291i
60.0	50.4131-22.3361i	-2.5889-9.7187i	7.5184-18.5521i	-4.8772+6.5626i	0.0667-0.3107i	0.6411+0.4326i	4.7252+1.4422i	-0.3971+0.0874i
60.1	51.7792-24.6923i	-2.1179-13.0401i	7.9385-20.7072i	-3.9819+4.7059i	0.0530-0.2773i	0.6086+0.3999i	4.6978+1.3220i	-0.3561+0.0562i
60.2	51.5258-24.9738i	-2.4760-14.4860i	7.7814-20.9244i	-2.8591+4.4430i	0.0458-0.2581i	0.5715+0.4018i	4.6212+1.1698i	-0.3481+0.0249i
60.3	50.2741-24.3703i	-2.7683-14.8347i	7.1338-19.8379i	-2.6483+4.2482i	0.0477-0.2270i	0.5697+0.4018i	4.5565+1.1065i	-0.3947+0.0032i
60.4	50.5878-23.7127i	-3.3211-15.3322i	7.0804-19.5429i	-2.5419+4.0476i	0.0603-0.2128i	0.5471+0.4284i	4.4649+1.0591i	-0.3887+0.0027i
60.5	50.7214-22.9522i	-4.1877-16.3390i	7.3375-19.7968i	-2.4668+3.8299i	0.0771-0.2010i	0.5228+0.4508i	4.3729+1.0174i	-0.4003-0.0196i
60.6	50.9485-21.1585i	-5.0495-16.6655i	7.6010-18.5409i	-2.4935+3.7186i	0.0829-0.1731i	0.5169+0.4629i	4.3278+1.0001i	-0.4047-0.0309i
60.7	51.9386-20.2573i	-5.7062-17.6648i	7.7699-18.3109i	-2.5696+3.5366i	0.0888-0.1547i	0.5448+0.4569i	4.3336+0.9760i	-0.4369-0.0101i
60.8	51.8780-20.1177i	-6.9186-16.8231i	7.7834-18.1081i	-2.5508+3.3643i	0.1109-0.1415i	0.5409+0.4862i	4.2386+0.9777i	-0.4928-0.0208i
60.9	53.1308-19.6678i	-9.3429-18.4816i	8.2279-18.2675i	-2.5390+3.4184i	0.1103-0.1150i	0.4934+0.4922i	4.1605+0.8332i	-0.4532-0.0747i
61.0	53.9968-18.9684i	-11.8011-18.7530i	8.2631-18.7342i	-2.4495+3.2691i	0.1256-0.0945i	0.4843+0.5244i	4.0303+0.7894i	-0.4811-0.1179i
61.1	54.5233-19.1517i	-12.4940-16.8223i	8.6327-18.5175i	-2.6679+3.1339i	0.1528-0.0986i	0.5058+0.5704i	3.9703+0.8936i	-0.5152-0.0901i
61.2	54.4906-19.3207i	-12.4972-16.6152i	9.1451-18.3099i	-2.6578+2.9808i	0.1796-0.0921i	0.5123+0.5922i	3.9696+0.9091i	-0.5149-0.0562i
61.3	55.6365-17.4333i	-13.9056-15.9697i	9.5702-16.6009i	-2.7135+2.7814i	0.1950-0.0677i	0.5267+0.6097i	3.9106+0.9162i	-0.5541-0.0586i
61.4	56.2409-16.4508i	-13.6919-15.1605i	10.6327-16.4868i	-2.8605+2.6941i	0.2025-0.0584i	0.5554+0.5933i	3.8953+0.9560i	-0.5636-0.0271i
61.5	56.9478-16.2451i	-14.0741-13.9965i	11.9971-16.7012i	-2.9414+2.6639i	0.2232-0.0544i	0.5889+0.6092i	3.8170+1.0050i	-0.5763-0.0043i
61.6	58.1692-15.7020i	-15.2731-13.9186i	12.7420-16.8739i	-3.0829+2.6469i	0.2493-0.0539i	0.5669+0.6345i	3.8006+1.0120i	-0.5587+0.0222i
61.7	59.0174-15.1212i	-15.2964-13.8673i	13.4439-17.3030i	-3.1568+2.5169i	0.2631-0.0483i	0.5728+0.6311i	3.8042+1.0459i	-0.5396+0.0482i
61.8	60.9771-14.8235i	-16.2309-14.0088i	14.2353-17.6458i	-3.3596+2.5522i	0.2853-0.0395i	0.5639+0.6120i	3.8178+1.0553i	-0.4962+0.0804i
61.9	61.8687-14.9105i	-17.1612-14.5292i	14.8979-18.3954i	-3.3797+2.5392i	0.2979-0.0395i	0.5335+0.6246i	3.8119+1.0412i	-0.4894+0.0431i
62.0	62.5250-13.7070i	-18.6336-13.5404i	15.6816-18.6212i	-3.3969+2.5002i	0.3124-0.0379i	0.5314+0.6453i	3.7102+1.0237i	-0.4940+0.0125i
62.1	62.8129-12.6755i	-18.1758-13.2872i	15.5562-18.2799i	-3.4721+2.4501i	0.3156-0.0409i	0.5514+0.6566i	3.7500+1.0680i	-0.4909+0.0288i
62.2	63.6328-12.3167i	-18.0857-12.5393i	17.3679-18.6662i	-3.6550+2.4493i	0.3312-0.0404i	0.5428+0.6561i	3.7196+1.0936i	-0.4774+0.0206i
62.3	66.2656-11.8851i	-18.2281-11.8242i	19.1412-19.3151i	-3.8257+2.4621i	0.3518-0.0418i	0.5413+0.6601i	3.6990+1.1110i	-0.4804+0.0122i

62.4	66.8990-11.5814i	-20.1315-11.7450i	18.3223-20.5806i	-3.8858+2.4492i	0.3601-0.0525i	0.5629+0.7252i	3.6886+1.0978i	-0.5195-0.0132i
62.5	68.2057-11.7090i	-20.4580-10.4902i	20.2681-21.4900i	-4.0965+2.4028i	0.3796-0.0589i	0.5555+0.7582i	3.6524+1.1501i	-0.4945-0.0412i
62.6	70.1997-11.4740i	-21.0636-10.1753i	21.2448-22.9025i	-4.1414+2.3133i	0.3958-0.0681i	0.5453+0.7932i	3.6155+1.1882i	-0.4939-0.0399i
62.7	71.4790-10.8917i	-22.0244-9.8171i	22.0021-23.3496i	-4.2458+2.1405i	0.3986-0.0639i	0.5516+0.8092i	3.5626+1.2235i	-0.4933-0.0708i
62.8	72.6702-11.0045i	-22.7044-10.3290i	22.5606-24.5209i	-4.3866+2.3605i	0.3972-0.0609i	0.5402+0.8381i	3.5951+1.2120i	-0.4847-0.0992i
62.9	73.0851-10.6711i	-22.8793-9.7001i	22.8997-26.3067i	-4.5805+2.4391i	0.3941-0.0671i	0.5680+0.8899i	3.5958+1.2672i	-0.5205-0.1241i
63.0	75.4656-10.6860i	-23.2675-10.4741i	24.1199-28.3415i	-4.5494+2.3804i	0.4147-0.0671i	0.5435+0.9208i	3.6164+1.2678i	-0.4982-0.1843i
63.1	77.3635-11.9344i	-22.8623-8.5100i	23.9699-27.8875i	-4.6223+2.5051i	0.4272-0.0616i	0.6037+0.9049i	3.6605+1.3192i	-0.5176-0.1530i
63.2	78.3865-12.0059i	-23.5874-7.6421i	23.9060-30.1455i	-4.8798+2.5494i	0.4315-0.0788i	0.6539+0.9511i	3.6704+1.3793i	-0.5804-0.1421i
63.3	79.7865-11.3044i	-24.7415-6.8189i	25.1412-32.6611i	-4.9781+2.5341i	0.4447-0.0805i	0.6476+0.9978i	3.6260+1.4042i	-0.6280-0.1784i
63.4	81.9306-10.2120i	-26.4193-6.2267i	25.3372-35.0532i	-4.9970+2.5196i	0.4516-0.0847i	0.6435+1.0526i	3.5557+1.4398i	-0.6753-0.2145i
63.5	81.8179-10.3152i	-25.8257-6.3645i	25.1415-35.3045i	-5.1321+2.4706i	0.4588-0.0833i	0.6935+1.0243i	3.6231+1.4777i	-0.6783-0.1900i
63.6	83.3047-10.9219i	-25.9610-6.0399i	25.9142-37.6652i	-5.2023+2.5028i	0.4724-0.0851i	0.7029+1.0573i	3.6494+1.5077i	-0.7144-0.2194i
63.7	86.9962-10.5205i	-26.5349-4.8628i	27.1033-41.4475i	-5.4231+2.6438i	0.4755-0.0958i	0.7141+1.1164i	3.6414+1.5913i	-0.7651-0.2409i
63.8	89.0993-10.6996i	-27.3898-3.4473i	25.9624-43.8350i	-5.5826+2.7174i	0.4775-0.1107i	0.7584+1.1490i	3.6708+1.6721i	-0.8167-0.2247i
63.9	90.8557-9.9434i	-27.9384-3.2399i	26.6431-44.7500i	-5.7318+2.7149i	0.4783-0.1102i	0.7699+1.1650i	3.6779+1.7157i	-0.8213-0.1994i
64.0	92.2002-8.9293i	-27.5504-3.0094i	27.4992-47.0668i	-5.8579+2.5776i	0.4808-0.1110i	0.7918+1.2141i	3.6948+1.8176i	-0.8729-0.1995i
64.1	95.2769-9.4699i	-27.5883-1.6505i	27.5142-51.3652i	-5.9682+2.6435i	0.4922-0.1192i	0.7943+1.2581i	3.7393+1.9127i	-0.9167-0.2036i
64.2	98.7476-10.2414i	-29.2013-1.3628i	24.6350-55.0204i	-6.1204+2.8697i	0.4901-0.1247i	0.8530+1.3252i	3.8508+1.9341i	-0.9801-0.1814i
64.3	99.8308-11.4428i	-29.7078-0.5775i	23.6779-56.4073i	-6.1920+3.0058i	0.4863-0.1288i	0.8726+1.3449i	3.8748+1.9356i	-1.0045-0.1904i
64.4	102.1248-10.8503i	-29.2328+0.3055i	21.9491-59.0347i	-6.2932+3.0358i	0.4800-0.1241i	0.9092+1.3671i	3.9312+2.0375i	-1.0390-0.1725i
64.5	105.2100-10.7933i	-29.6314+2.1494i	20.1976-61.2571i	-6.3851+2.8947i	0.4823-0.1286i	0.9896+1.4179i	3.9497+2.1254i	-1.0846-0.1497i
64.6	107.9377-11.5322i	-30.5779+2.6278i	19.1520-63.3502i	-6.5044+3.0943i	0.4885-0.1285i	1.0155+1.4433i	4.0232+2.1072i	-1.0955-0.1229i
64.7	109.5055-10.6234i	-30.9252+2.9972i	17.8370-64.9184i	-6.7065+3.1766i	0.4740-0.1245i	1.0815+1.4658i	4.0740+2.1515i	-1.1144-0.0675i
64.8	113.1261-9.8907i	-31.7953+4.3904i	16.4275-68.0107i	-6.9073+3.0372i	0.4827-0.1212i	1.1462+1.5226i	4.1479+2.2605i	-1.1704-0.0713i
64.9	116.2283-14.1451i	-31.3282+4.9830i	10.4309-70.4323i	-6.9668+3.2450i	0.4719-0.1188i	1.2276+1.5402i	4.2978+2.2343i	-1.2230+0.0134i
65.0	119.7982-15.2392i	-32.4065+4.7398i	7.2466-71.1394i	-7.1338+3.4781i	0.4649-0.1085i	1.2896+1.5594i	4.4140+2.2253i	-1.2601+0.0597i
65.1	122.3606-15.6577i	-32.6450+5.4937i	5.3980-73.2274i	-7.3662+3.5368i	0.4834-0.1107i	1.3236+1.5738i	4.5213+2.2695i	-1.2694+0.0793i
65.2	123.6930-17.1014i	-32.8101+5.8257i	2.9673-72.3790i	-7.3922+3.6250i	0.4967-0.1006i	1.3433+1.5543i	4.6289+2.2152i	-1.2445+0.1485i
65.3	128.0904-17.7843i	-33.6001+7.7315i	-1.5448-74.6023i	-7.5642+3.7484i	0.5002-0.0770i	1.4288+1.5842i	4.7566+2.3153i	-1.2345+0.2583i
65.4	130.3162-19.4236i	-33.4971+9.8001i	-5.8691-76.5763i	-7.6137+3.8245i	0.4852-0.0525i	1.5405+1.6253i	4.8398+2.3740i	-1.1950+0.2947i
65.5	133.8841-21.7288i	-31.7807+11.5407i	-8.7356-79.1848i	-7.9827+4.0884i	0.4925-0.0632i	1.6688+1.6484i	5.0388+2.4629i	-1.2072+0.3059i
65.6	137.3403-21.4804i	-33.0861+10.7925i	-9.4910-77.1613i	-8.0730+4.1174i	0.5095-0.0511i	1.6291+1.6484i	5.0704+2.3779i	-1.1709+0.2392i
65.7	140.3014-22.6075i	-34.3950+12.0299i	-13.9775-77.8885i	-8.1568+4.1421i	0.5132-0.0375i	1.7634+1.7019i	5.1429+2.3853i	-1.2074+0.2568i
65.8	145.0879-24.3048i	-35.0414+12.8296i	-18.1656-77.5787i	-8.3631+4.1055i	0.5221-0.0207i	1.8852+1.7234i	5.3030+2.3939i	-1.2416+0.2795i
65.9	148.4682-28.0243i	-34.7648+13.7828i	-23.1435-76.7846i	-8.4360+4.3167i	0.5502-0.0176i	1.9476+1.7130i	5.5119+2.3052i	-1.2479+0.3279i
66.0	152.8012-31.8410i	-37.0113+15.4846i	-26.2532-77.3030i	-8.6151+4.6669i	0.5701-0.0113i	2.0427+1.7560i	5.6253+2.2087i	-1.2579+0.3523i
66.1	155.1418-34.6060i	-36.7024+16.3943i	-27.7714-74.9572i	-8.7622+4.7265i	0.5905-0.0099i	2.1328+1.7534i	5.7080+2.1423i	-1.2317+0.3614i
66.2	159.7180-37.5462i	-36.7429+17.8278i	-32.2522-75.0049i	-8.9037+4.9066i	0.6190-0.0290i	2.2127+1.7519i	5.9041+2.0743i	-1.2458+0.3811i
66.3	162.1547-39.3343i	-35.8370+19.4595i	-34.4337-74.2066i	-9.1401+5.1132i	0.6313-0.0331i	2.2840+1.7582i	6.0209+2.0943i	-1.2359+0.3837i
66.4	165.3396-39.1031i	-34.9463+17.9936i	-36.3475-73.2532i	-9.4319+5.0873i	0.6532-0.0235i	2.3725+1.7266i	6.1984+2.0820i	-1.2209+0.3850i
66.5	168.3746-42.6161i	-35.7773+19.2093i	-38.7545-71.1624i	-9.5219+5.1089i	0.6570-0.0240i	2.4729+1.7497i	6.2513+1.9952i	-1.2124+0.3652i
66.6	170.9520-47.8677i	-37.8616+22.7372i	-42.5249-67.8890i	-9.5606+5.3431i	0.6527-0.0203i	2.6262+1.7139i	6.2641+1.8565i	-1.2132+0.3535i
66.7	174.5930-51.9063i	-38.8284+24.2191i	-41.6502-65.3995i	-9.7576+5.6105i	0.6641-0.0288i	2.7155+1.6666i	6.2591+1.7507i	-1.2606+0.3165i
66.8	176.9138-57.9605i	-37.8758+26.0475i	-46.2926-63.3659i	-9.7679+5.9926i	0.6729-0.0458i	2.8583+1.6335i	6.4107+1.5637i	-1.2754+0.3130i
66.9	183.1357-62.1611i	-38.4039+29.9131i	-51.5087-62.3149i	-10.0584+6.2083i	0.6826-0.0362i	3.0510+1.6120i	6.5640+1.5283i	-1.3331+0.3108i
67.0	188.4826-66.0659i	-37.4348+33.5420i	-52.1751-61.6041i	-10.5281+6.4957i	0.7128-0.0117i	3.2166+1.5057i	6.7343+1.5900i	-1.4292+0.3093i
67.1	192.0417-69.9571i	-38.2658+35.2142i	-52.9857-60.4655i	-10.8253+6.6263i	0.7333-0.0122i	3.3260+1.4648i	6.8388+1.5488i	-1.4821+0.3181i
67.2	191.9748-74.4886i	-36.4076+35.0534i	-55.3197-56.1732i	-10.8014+7.0845i	0.7661-0.0294i	3.3635+1.3654i	6.9475+1.3396i	-1.5221+0.3484i
67.3	192.3849-81.1622i	-34.4636+36.8500i	-56.0793-50.9723i	-10.8142+7.5616i	0.7867-0.0506i	3.4594+1.2503i	6.9998+1.1207i	-1.5721+0.3714i
67.4	200.6354-88.1468i	-33.6873+39.7400i	-59.6824-50.2009i	-11.2525+7.8269i	0.8085-0.0524i	3.6393+1.1463i	7.2601+1.0665i	-1.6431+0.4239i
67.5	202.7269-93.8390i	-32.4420+44.0506i	-60.8460-46.5020i	-11.3541+8.0393i	0.8178-0.0408i	3.8416+1.0737i	7.2584+1.0584i	-1.7670+0.4428i
67.6	200.2595-103.3743i	-29.6536+46.4230i	-63.2955-41.7251i	-11.1527+8.6034i	0.8219-0.0534i	3.9355+0.8967i	7.3645+0.7853i	-1.8039+0.5369i
67.7	200.9448-111.3802i	-29.1527+50.5586i	-65.5502-39.9935i	-11.2498+9.0273i	0.8347-0.0697i	4.0853+0.7452i	7.4251+0.6288i	-1.8712+0.6312i
67.8	205.8861-119.2382i	-28.8909+55.5823i	-66.4670-38.7146i	-11.4627+9.3365i	0.8457-0.0680i	4.2811+0.6094i	7.4793+0.5493i	-2.0196+0.7068i
67.9	209.4802-123.2204i	-26.3700+55.5079i	-67.1948-38.8669i	-11.8575+9.7282i	0.8820-0.0774i	4.3493+0.5514i	7.7112+0.4582i	-2.1227+0.8014i
68.0	209.0911-126.8969i	-25.1497+56.8251i	-63.0960-34.7888i	-11.8157+9.7713i	0.8968-0.0717i	4.3395+0.4016i	7.5985+0.3590i	-2.1570+0.8870i
68.1	204.1991-130.5192i	-20.6007+59.6041i	-63.1030-30.8588i	-11.5789+9.6824i	0.8950-0.0626i	4.4154+0.1765i	7.5102+0.3392i	-2.1758+1.0217i
68.2	207.0427-141.7477i	-16.8501+64.9753i	-64.7314-27.6082i	-11.8722+10.3656i	0.9157-0.0487i	4.5324-0.0944i	7.6067+0.2458i	-2.2078+1.2116i
68.3	208.7138-146.4007i	-14.5520+63.4956i	-62.7350-24.8437i	-12.0512+11.0113i	0.9627-0.0783i	4.4248-0.2519i	7.7350+0.0160i	-2.1752+1.3174i
68.4	203.5375-155.5045i	-9.8680+62.7840i	-63.0263-20.7467i	-11.5974+11.6858i	0.9707-0.1231i	4.4068-0.4550i	7.7022-0.3351i	-2.1377+1.4825i
68.5	202.1752-162.8868i	-2.9858+64.6910i	-64.9720-19.0066i	-11.7509+12.1595i	1.0148-0.1063i	4.4895-0.6873i	7.8838-0.3622i	-2.1270+1.6683i
68.6	206.4266-174.0871i	1.8276+68.2609i	-65.9339-19.0420i	-12.2309+12.9123i	1.0758-0.1092i	4.5706-0.9008i	8.1505-0.4124i	-2.1637+1.8522i

68.7	199.8234-179.5755i	8.1506+66.8509i	-62.7497-16.0800i	-12.0195+13.1629i	1.1113-0.1283i	4.3562-1.1431i	8.1462-0.5373i	-2.0352+2.0012i
68.8	195.7611-181.1356i	11.5409+65.4682i	-60.8684-13.9509i	-11.9115+13.2305i	1.1301-0.1034i	4.2720-1.2793i	8.0909-0.5259i	-1.9599+2.0941i
68.9	192.9667-190.2790i	16.3600+66.1287i	-61.2324-11.4826i	-11.5912+13.8583i	1.1637-0.1263i	4.3011-1.4544i	8.1547-0.6931i	-1.8609+2.2372i
69.0	192.0772-199.2681i	22.3343+68.3127i	-60.8710-10.5838i	-11.4185+14.6044i	1.2010-0.1321i	4.2751-1.6488i	8.2356-0.7423i	-1.7517+2.3511i
69.1	191.0870-206.1849i	22.8044+62.8397i	-59.3919-8.4257i	-11.4760+15.3868i	1.2389-0.2124i	4.0767-1.7678i	8.3092-1.0827i	-1.6075+2.4379i
69.2	193.9283-215.4314i	29.1163+61.9864i	-60.2469-6.0924i	-11.7243+16.0888i	1.3294-0.2597i	4.0964-1.9781i	8.6769-1.2713i	-1.5776+2.5214i
69.3	187.7056-217.4553i	32.2559+59.2935i	-58.9130-4.2232i	-11.0499+16.2900i	1.3489-0.2945i	4.0344-2.0510i	8.6219-1.4148i	-1.4258+2.5504i
69.4	186.2475-217.7956i	36.0211+53.7429i	-56.5428-3.9262i	-11.1586+16.3948i	1.3969-0.3219i	3.9425-2.1103i	8.7770-1.4865i	-1.3928+2.6145i
69.5	180.5557-226.8739i	40.9656+50.8940i	-55.5528-1.4959i	-10.7004+16.9754i	1.4094-0.3794i	3.8560-2.2310i	8.7718-1.7499i	-1.2669+2.6343i
69.6	183.8571-231.6325i	42.9776+48.1949i	-55.6776-1.7410i	-10.9438+17.5370i	1.4365-0.4271i	3.8486-2.3383i	8.9408-1.8760i	-1.2555+2.7076i
69.7	183.6177-236.7465i	44.1107+50.3200i	-55.4142-1.2653i	-11.0497+17.8836i	1.4318-0.4389i	3.9003-2.4832i	9.0072-1.9121i	-1.2823+2.7625i
69.8	180.9173-245.5962i	40.5150+41.9478i	-54.0585+1.9254i	-10.5283+18.5592i	1.4193-0.5809i	3.7103-2.5234i	8.9616-2.5218i	-1.1236+2.8011i
69.9	172.0645-260.4549i	40.5339+40.2550i	-52.3553+4.7063i	-9.5043+19.5597i	1.3502-0.6909i	3.5729-2.6644i	8.7386-3.0587i	-0.9836+2.8539i
70.0	170.7808-270.3761i	42.2178+32.6251i	-51.1961+5.7925i	-9.2071+20.5451i	1.3569-0.7873i	3.3516-2.7671i	8.8736-3.4847i	-0.8183+2.9534i
70.1	168.1617-271.7930i	44.2384+28.2144i	-50.2816+8.2080i	-9.0217+20.5304i	1.3904-0.8382i	3.2206-2.9893i	9.0035-3.7003i	-0.7269+3.1040i
70.2	169.9681-281.0402i	48.8724+26.9386i	-50.6180+8.2293i	-9.0446+21.2418i	1.4389-0.8683i	3.2682-3.1903i	9.2919-3.8405i	-0.7384+3.2633i
70.3	157.0557-292.6057i	45.6716+21.9893i	-49.1132+10.7149i	-7.8505+22.1960i	1.3249-0.9751i	3.1105-3.1871i	8.9226-4.4741i	-0.5228+3.2685i
70.4	152.7471-305.9264i	45.8003+17.1491i	-47.8539+12.8160i	-7.3917+23.0740i	1.3067-1.0649i	2.9122-3.3157i	8.9312-5.0139i	-0.2762+3.3773i
70.5	148.5259-304.8944i	45.1605+17.7784i	-45.2616+12.0684i	-6.9910+22.7567i	1.2636-1.0360i	2.8871-3.2998i	8.7316-4.9651i	-0.2537+3.3742i
70.6	137.7415-322.0173i	43.6256+11.1092i	-44.5391+14.1378i	-6.3398+23.8979i	1.2136-1.1429i	2.7379-3.3918i	8.5963-5.6636i	-0.0445+3.4470i
70.7	137.0859-339.8556i	46.3169+7.5579i	-44.9465+15.5712i	-6.1704+25.2278i	1.2515-1.1999i	2.5953-3.6624i	8.8422-6.1362i	0.1592+3.6096i
70.8	128.8538-346.4506i	47.1234+5.9791i	-43.2141+16.0458i	-5.4049+25.6720i	1.2049-1.2067i	2.4173-3.7625i	8.5702-6.4074i	0.3615+3.5824i
70.9	120.4036-346.7505i	46.7663+4.7627i	-40.8636+17.1179i	-4.5177+25.4318i	1.1646-1.1906i	2.3313-3.8433i	8.2112-6.5294i	0.4772+3.5194i
71.0	99.4750-364.1543i	44.3328+0.9327i	-39.1478+19.4649i	-2.6685+26.4452i	1.0868-1.3030i	1.9606-3.9356i	7.7338-7.2830i	0.8226+3.4499i
71.1	83.4801-370.1538i	42.1152+0.2525i	-36.1980+19.4443i	-1.4970+26.6388i	1.0142-1.3171i	1.7208-3.9556i	7.2302-7.5492i	0.9982+3.3443i
71.2	65.8593-370.2233i	36.5282-1.9150i	-33.9950+20.9648i	-0.2968+26.4961i	0.9103-1.3378i	1.5467-3.9258i	6.5904-7.7575i	1.1274+3.2201i
71.3	45.6804-380.4141i	35.3271-5.1347i	-31.9521+21.9809i	1.3480+26.5951i	0.8404-1.3467i	1.2833-3.9220i	6.0647-8.0480i	1.3104+3.1538i
71.4	21.3080-377.9473i	31.2525-6.6893i	-28.9996+23.1109i	2.8917+26.3623i	0.7471-1.3847i	0.9975-3.8546i	5.3438-8.2500i	1.4698+3.0039i
71.5	11.1430-388.3521i	31.3820-8.1886i	-29.1495+22.7728i	3.6753+27.0686i	0.7318-1.4504i	0.7779-3.9106i	5.1618-8.5567i	1.6476+3.0125i
71.6	-5.4267-387.4261i	30.3156-7.0880i	-25.1392+20.6765i	4.9946+26.7936i	0.6658-1.4166i	0.4516-3.7664i	4.5980-8.4397i	1.7871+2.8075i
71.7	-20.0423-385.8589i	29.4706-9.0765i	-23.3924+20.8479i	6.0198+26.4819i	0.6504-1.4223i	0.2136-3.6691i	4.2696-8.4516i	1.9393+2.6962i
71.8	-33.0132-381.9240i	26.1823-11.5242i	-23.1622+20.3331i	6.8138+26.1704i	0.5968-1.4706i	0.1386-3.4173i	3.9171-8.5181i	2.0327+2.5669i
71.9	-59.4984-375.8972i	22.9183-12.4349i	-20.7947+20.7948i	8.5178+25.5051i	0.4852-1.5012i	-0.0667-3.2063i	3.1970-8.5969i	2.1904+2.3176i
72.0	-76.9257-365.2045i	20.9275-12.3059i	-18.3672+20.5487i	9.6218+24.5159i	0.3898-1.4548i	-0.1509-3.0518i	2.5999-8.3910i	2.2734+2.0924i
72.1	-82.5854-357.8132i	20.5537-10.7042i	-17.3154+18.7688i	10.0953+23.8186i	0.3633-1.3902i	-0.1083-2.9113i	2.3975-8.0746i	2.2261+1.9809i
72.2	-92.4006-350.9266i	20.2148-10.8815i	-16.7454+17.1608i	10.7103+23.1885i	0.3555-1.3877i	-0.2016-2.6784i	2.1890-7.9090i	2.2336+1.7922i
72.3	-111.9611-341.4652i	17.9951-13.9600i	-16.0266+16.4485i	11.8492+22.1053i	0.2723-1.4135i	-0.2591-2.3761i	1.7101-7.8655i	2.2293+1.5629i
72.4	-130.2035-322.8500i	12.9385-12.9615i	-13.7970+15.9391i	12.9900+20.8360i	0.1244-1.3825i	-0.1813-2.1179i	1.0331-7.5987i	2.1447+1.2897i
72.5	-130.6494-324.1926i	14.4296-13.1576i	-13.7886+14.7462i	13.0768+20.7457i	0.1613-1.3525i	-0.1679-2.1038i	1.1083-7.4807i	2.1132+1.2616i
72.6	-137.2894-306.9216i	13.2766-12.3481i	-13.0624+13.2030i	13.2546+19.5046i	0.1133-1.2844i	-0.0689-1.9253i	0.8290-7.0749i	1.9716+1.1660i
72.7	-147.5829-288.2078i	9.5619-12.7334i	-12.0729+12.5538i	13.7847+17.9859i	0.0063-1.2483i	0.0419-1.7582i	0.4040-6.7853i	1.8859+1.0475i
72.8	-158.2093-279.1281i	8.6072-13.0186i	-12.6622+12.3260i	14.6221+17.2510i	-0.0348-1.2565i	0.1250-1.6955i	0.1484-6.6793i	1.8577+1.0116i
72.9	-158.2035-268.6053i	8.9940-12.8657i	-12.8682+11.6920i	14.3848+16.7232i	-0.0013-1.2323i	0.1459-1.6680i	0.1861-6.4436i	1.8359+0.9973i
73.0	-165.3790-254.7663i	7.7780-12.9313i	-12.2624+10.7296i	14.6530+15.5130i	-0.0550-1.1682i	0.2538-1.5991i	-0.0735-6.1575i	1.7808+0.9325i
73.1	-166.7899-248.5492i	7.0887-11.8985i	-12.2591+10.0666i	14.5580+14.9371i	-0.0720-1.1152i	0.3806-1.6035i	-0.1490-5.9385i	1.7343+0.9200i
73.2	-168.4671-237.5554i	7.1451-11.4143i	-13.1573+9.7919i	14.4454+14.3272i	-0.0623-1.0686i	0.4653-1.6183i	-0.1666-5.6807i	1.6943+0.9055i
73.3	-164.6037-222.1680i	6.1539-10.0870i	-12.3069+9.4874i	14.0550+13.5675i	-0.0820-1.0253i	0.5407-1.6482i	-0.2284-5.3578i	1.6608+0.8887i
73.4	-170.8088-220.3468i	6.1737-10.2882i	-12.8340+7.6831i	14.4459+13.0250i	-0.0864-0.9720i	0.6798-1.6815i	-0.2947-5.2265i	1.6584+0.9443i
73.5	-171.3141-216.3095i	6.2400-10.0743i	-13.6342+6.7774i	14.5489+12.5760i	-0.0739-0.9281i	0.7450-1.7383i	-0.2944-5.0583i	1.6836+0.9561i
73.6	-167.8462-203.8654i	5.6475-9.8932i	-12.9886+7.0087i	14.3671+11.8585i	-0.0572-0.8900i	0.6740-1.7925i	-0.3175-4.8027i	1.6992+0.8983i
73.7	-169.4247-193.0947i	4.4055-9.8059i	-13.0851+6.9991i	14.4085+11.1615i	-0.0630-0.8611i	0.6869-1.8099i	-0.3875-4.6172i	1.7162+0.8711i
73.8	-166.0119-181.6586i	3.5315-9.2459i	-13.0183+7.1605i	14.0773+10.3298i	-0.0709-0.8318i	0.7321-1.8424i	-0.4231-4.3944i	1.7218+0.8246i
73.9	-158.8830-170.5692i	3.4652-7.7901i	-13.0873+7.4295i	13.5500+9.5988i	-0.0261-0.7701i	0.7315-1.9133i	-0.3428-4.1126i	1.7543+0.7726i
74.0	-155.4590-165.5549i	3.1722-6.1747i	-12.8372+7.0504i	13.1764+9.3604i	0.0085-0.7154i	0.7339-1.9976i	-0.2949-3.8947i	1.7895+0.7458i
74.1	-152.3603-160.0165i	2.1122-7.0350i	-12.6777+7.6666i	12.8979+9.1122i	0.0042-0.7484i	0.7222-2.0238i	-0.2741-3.8730i	1.8290+0.6762i
74.2	-152.1547-150.1235i	1.2576-7.4810i	-13.5927+8.5202i	12.9530+8.4298i	0.0029-0.7554i	0.7563-2.0944i	-0.2910-3.8003i	1.8302+0.6323i
74.3	-149.9128-143.2498i	1.2718-6.3542i	-13.2804+8.6512i	12.7630+8.0405i	0.0254-0.7205i	0.7432-2.1624i	-0.2810-3.6271i	1.8238+0.5461i
74.4	-147.4778-136.5047i	0.5535-5.8931i	-13.1045+9.1125i	12.4309+7.5893i	0.0417-0.6960i	0.7058-2.2508i	-0.2825-3.5042i	1.8242+0.4627i
74.5	-143.6238-132.3337i	-0.7707-6.0540i	-12.6063+9.2176i	12.2186+7.3249i	0.0038-0.7155i	0.7302-2.2901i	-0.2938-3.4566i	1.8119+0.4379i
74.6	-138.2955-131.9189i	-0.0012-4.5884i	-12.0862+8.2120i	11.9494+7.2329i	0.0286-0.6918i	0.6818-2.3081i	-0.2219-3.3106i	1.7769+0.3789i
74.7	-138.4049-125.2158i	-0.1704-5.2121i	-12.5238+8.6174i	11.9347+6.8658i	0.0494-0.6941i	0.6536-2.3929i	-0.2105-3.2417i	1.7682+0.3218i
74.8	-132.7854-116.9213i	-0.4054-4.4168i	-12.4625+9.3565i	11.5788+6.3964i	0.0624-0.6716i	0.5797-2.5253i	-0.1958-3.1062i	1.7779+0.2678i
74.9	-133.5573-112.6136i	-1.8709-4.3249i	-12.0517+10.6442i	11.6139+6.1250i	0.0107-0.6744i	0.5015-2.5964i	-0.2968-3.0826i	1.7883+0.1936i

75.0	-129.2888-109.5654i	-2.5229-4.0041i	-11.3938+10.3643i	11.3519+5.8623i	-0.0182-0.6824i	0.4207-2.5694i	-0.3117-3.0167i	1.7318+0.1152i
75.1	-124.2947-106.9642i	-1.8916-2.9790i	-11.7573+10.0355i	10.9316+5.5952i	0.0749-0.6722i	0.3672-2.6535i	-0.1519-2.9057i	1.7464+0.0827i
75.2	-117.6834-105.3508i	-1.9879-2.4738i	-10.6557+10.2598i	10.5602+5.3705i	0.0666-0.6601i	0.2670-2.6671i	-0.1254-2.8312i	1.7231+0.0460i
75.3	-117.1860-101.9177i	-1.2684-3.0015i	-10.7211+10.2448i	10.4624+5.2308i	0.1080-0.6462i	0.2001-2.7585i	-0.0701-2.7532i	1.6811+0.0073i
75.4	-115.0961-102.5658i	-0.5066-2.3336i	-10.4947+10.3806i	10.4474+5.2236i	0.1118-0.6671i	0.1016-2.7660i	-0.0279-2.7580i	1.6563-0.0414i
75.5	-107.7827-101.4717i	-0.8025-0.3573i	-8.9368+9.9499i	9.9991+4.9582i	0.1262-0.6122i	-0.0596-2.7199i	-0.0143-2.5778i	1.5873-0.1015i
75.6	-106.6968-98.5689i	-0.6486-0.8161i	-8.2035+9.4074i	9.9907+4.7728i	0.0898-0.6282i	-0.1239-2.6466i	-0.0339-2.5380i	1.5611-0.1491i
75.7	-103.1231-98.8343i	-0.9982-0.8379i	-8.4845+9.1584i	9.6715+4.8164i	0.1006-0.6362i	-0.2299-2.6292i	0.0253-2.4960i	1.5437-0.1847i
75.8	-95.1260-91.3419i	-2.5532+0.5908i	-7.1064+10.6299i	9.3419+4.4366i	0.0519-0.6121i	-0.4732-2.6293i	-0.0534-2.4001i	1.5149-0.2627i
75.9	-89.9114-93.8742i	-0.2453+1.5973i	-6.0796+9.8203i	8.9150+4.3608i	0.1593-0.6087i	-0.5720-2.4742i	0.1078-2.2849i	1.4202-0.2697i
76.0	-93.5762-90.1280i	-1.6148+1.3482i	-6.3922+10.8359i	9.1023+4.1615i	0.0847-0.6313i	-0.6853-2.4814i	0.0015-2.3376i	1.4536-0.3487i
76.1	-91.2894-87.4572i	-2.4480+0.8527i	-6.1543+11.2334i	8.8309+3.9987i	0.0610-0.6338i	-0.7650-2.4620i	-0.0088-2.3122i	1.4264-0.3740i
76.2	-89.5872-86.8409i	-1.1848+0.0095i	-6.2939+11.2581i	8.8290+3.8994i	0.1036-0.6991i	-0.8151-2.4265i	0.1181-2.3524i	1.4013-0.3585i
76.3	-87.3060-89.0263i	-0.2243+1.2890i	-5.8448+10.6124i	8.6984+3.9461i	0.1262-0.6783i	-0.9143-2.3475i	0.1748-2.2732i	1.3640-0.3737i
76.4	-83.8658-87.2129i	-0.2800+2.6318i	-4.6661+10.3422i	8.5914+3.8163i	0.0912-0.6257i	-0.9994-2.2492i	0.1070-2.1689i	1.3326-0.4370i
76.5	-79.2954-86.4556i	-0.6129+2.4116i	-3.0634+10.4900i	8.4218+3.7463i	0.0560-0.6208i	-0.9873-2.0788i	0.1087-2.1363i	1.2806-0.5056i
76.6	-76.8758-85.3970i	-0.1508+2.2905i	-2.3465+10.0367i	8.2413+3.6806i	0.0218-0.6180i	-1.0102-1.9380i	0.1155-2.1181i	1.2331-0.5296i
76.7	-76.5147-84.7150i	0.3054+1.9290i	-2.5946+10.2679i	8.2638+3.4876i	0.0209-0.6492i	-1.0337-1.9032i	0.1630-2.1570i	1.2197-0.5920i
76.8	-76.4348-86.3517i	0.3537+1.3530i	-2.9197+9.7339i	8.1357+3.3259i	0.0304-0.6654i	-1.0492-1.8457i	0.2215-2.1651i	1.2064-0.5981i
76.9	-69.4948-88.4682i	0.6849+2.3128i	-2.2348+8.5081i	7.8587+3.3241i	0.0598-0.5878i	-1.0327-1.7254i	0.2445-2.0263i	1.1146-0.5944i
77.0	-65.4882-88.5651i	1.7502+3.0946i	-1.5973+8.0270i	7.7363+3.2891i	0.0798-0.5239i	-1.0304-1.6235i	0.2653-1.9435i	1.0700-0.6330i
77.1	-66.4364-85.9708i	1.1347+2.8381i	-1.5624+8.8778i	7.4672+3.1369i	0.0346-0.5907i	-1.0083-1.5776i	0.2133-2.0053i	1.0389-0.6792i
77.2	-62.1183-84.3311i	1.3762+3.0906i	-1.0564+8.1004i	7.3228+3.0775i	0.0465-0.5839i	-1.0021-1.5088i	0.2193-1.9675i	0.9802-0.7069i
77.3	-60.9509-84.2588i	2.1837+3.4695i	0.7392+8.1052i	7.3725+2.8534i	-0.0355-0.5858i	-1.0479-1.3668i	0.1268-1.9178i	0.8875-0.7639i
77.4	-59.5193-85.0169i	2.8289+3.4828i	0.4003+8.2584i	7.1529+2.8454i	-0.0136-0.5564i	-1.0029-1.3539i	0.2124-1.8554i	0.8422-0.7518i
77.5	-58.0651-84.6575i	3.4189+2.5253i	-0.3963+8.1519i	7.0443+2.8881i	0.0546-0.5750i	-0.9777-1.3854i	0.3521-1.8869i	0.8142-0.7674i
77.6	-56.5490-86.6366i	3.1166+1.9131i	0.0374+7.8289i	6.9759+2.8380i	0.0306-0.5860i	-0.9017-1.3736i	0.3416-1.9355i	0.7722-0.7764i
77.7	-54.2342-87.9173i	3.6639+2.5365i	0.2714+6.7157i	6.9114+2.9317i	0.0820-0.5528i	-0.8570-1.3469i	0.3805-1.8998i	0.7097-0.7671i
77.8	-51.7510-88.8571i	3.8569+2.1167i	0.3652+6.1073i	6.6990+2.9677i	0.0721-0.4955i	-0.8158-1.3224i	0.3801-1.8480i	0.6621-0.7637i
77.9	-47.4890-89.9762i	4.4836+1.4586i	1.8456+5.8749i	6.3516+2.8506i	0.0403-0.4870i	-0.7739-1.2214i	0.3750-1.7961i	0.5484-0.7473i
78.0	-46.8182-88.7505i	3.6738+0.9303i	2.2938+6.1841i	6.5736+2.6835i	-0.0024-0.5317i	-0.8849-1.2265i	0.3198-1.9105i	0.5227-0.7981i
78.1	-42.9849-88.3793i	3.7381+1.5483i	2.5269+6.1407i	6.3460+2.5421i	0.0150-0.5023i	-0.8986-1.1507i	0.2529-1.8494i	0.4215-0.8282i
78.2	-43.4160-89.2900i	4.5973+2.0344i	2.3660+5.1276i	6.1546+2.5167i	0.0538-0.4473i	-0.8588-1.1427i	0.2835-1.7851i	0.3175-0.7838i
78.3	-42.5695-87.9904i	4.7547+0.8016i	2.4275+4.6577i	6.2807+2.4422i	0.0449-0.4470i	-0.8641-1.1464i	0.3011-1.7727i	0.2554-0.7127i
78.4	-39.0276-89.4843i	4.7267+0.3780i	2.7311+3.6850i	6.0263+2.4802i	0.0719-0.4398i	-0.8180-1.0964i	0.3433-1.7229i	0.2239-0.6240i
78.5	-39.7930-89.2868i	3.7568-0.4555i	2.7563+4.3782i	6.1506+2.4035i	0.0538-0.4728i	-0.8856-1.1975i	0.3331-1.8197i	0.2114-0.6113i
78.6	-35.9724-95.3193i	5.2349-0.2171i	2.0523+2.4271i	5.9920+2.3344i	0.1204-0.3687i	-0.8126-1.1640i	0.3730-1.6719i	0.1243-0.5935i
78.7	-33.2136-94.2063i	5.9311-0.6243i	2.2136+2.7244i	5.9791+2.1901i	0.1725-0.4018i	-0.8781-1.0542i	0.3961-1.6670i	0.0731-0.5581i
78.8	-33.7361-97.6134i	5.5647-1.4562i	2.3222+1.5544i	5.8235+2.3946i	0.2099-0.3849i	-0.8212-1.0022i	0.4590-1.7096i	0.0732-0.4970i
78.9	-34.9536-101.5111i	6.1484-2.4574i	0.7021+0.5898i	5.7537+2.5932i	0.2729-0.4378i	-0.7178-1.1299i	0.6259-1.7164i	0.1245-0.4443i
79.0	-40.6290-99.4476i	5.2657-4.6910i	-1.2422+1.3811i	5.9354+2.4890i	0.2243-0.5888i	-0.8071-1.1301i	0.6389-1.9895i	0.1171-0.4173i
79.1	-36.6768-90.7216i	3.4247-5.1801i	-0.4978+3.2651i	6.0524+2.1752i	0.0554-0.5793i	-0.8793-0.9949i	0.3706-2.1624i	0.0392-0.3713i
79.2	-31.6510-89.6893i	1.8956-4.4049i	0.8327+4.4961i	5.9403+2.0602i	0.0238-0.4992i	-0.8471-0.9549i	0.2062-2.1289i	0.0072-0.3421i
79.3	-24.3059-93.7764i	1.8163-3.0689i	2.6179+3.6582i	5.5696+2.1565i	0.0691-0.3904i	-0.6950-0.9142i	0.1078-1.9418i	-0.0044-0.2494i
79.4	-23.3951-93.5505i	1.2135-3.2159i	2.8839+3.6282i	5.4728+1.9183i	0.1034-0.4232i	-0.7584-0.9069i	-0.0182-1.9354i	-0.0187-0.1999i
79.5	-22.3590-94.7850i	1.2984-3.5267i	3.3601+3.2742i	5.3690+1.6759i	0.0822-0.4404i	-0.7560-0.8802i	-0.0990-1.8989i	-0.0057-0.1517i
79.6	-18.3952-99.1875i	0.9166-3.5550i	3.9301+2.4366i	5.1934+1.6341i	0.1127-0.4359i	-0.7192-0.8487i	-0.1246-1.8578i	0.0106-0.1020i
79.7	-17.5777-104.8424i	0.0260-3.9102i	3.3966+1.8050i	5.0304+1.8016i	0.1367-0.4213i	-0.6358-0.9595i	-0.1510-1.7879i	0.0337-0.0595i
79.8	-9.7516-103.5945i	0.9743-3.2951i	4.5239+1.6382i	4.8938+1.6553i	0.1456-0.4003i	-0.6593-0.9346i	-0.1736-1.6357i	0.0682-0.0243i
79.9	-8.7424-102.2543i	0.5345-3.5556i	4.7554+2.0605i	4.9567+1.6724i	0.1193-0.4455i	-0.7284-0.8727i	-0.2144-1.6179i	0.0566+0.0065i
80.0	-8.7441-109.4782i	-0.3544-3.8752i	4.0627+1.4723i	4.9332+1.7186i	0.1088-0.4632i	-0.7799-0.8848i	-0.2484-1.5917i	0.1098+0.0085i

2.1.92 Run 8 – VT315-200 – Accels 9–16

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	2.1933+0.0000i	-6.9944+0.0000i	-2.5636+0.0000i	7.3355+0.0000i	4.4384+0.0000i	1.8173+0.0000i	-0.8627+0.0000i	8.6921+0.0000i
0.1	-0.3268-1.4576i	-0.8073+0.2037i	0.5817+0.7356i	1.0926+0.5899i	0.8186+0.5940i	0.6007+0.1766i	-0.1195-0.2003i	1.2303-0.3788i
0.2	-0.3249-0.8702i	-0.0065-0.0430i	0.1317+0.1774i	-0.1193+0.2602i	-0.2251-0.0960i	0.1302-0.0366i	-0.0560+0.0020i	0.0204+0.1362i
0.3	-0.0779+0.1771i	-0.0278-0.0195i	-0.0675+0.0493i	-0.0767+0.0205i	-0.0996-0.0904i	0.0174-0.0340i	-0.0165+0.0127i	-0.0413+0.0551i
0.4	-0.0040+0.0920i	-0.0081-0.0002i	-0.0163+0.0067i	-0.0128-0.0311i	-0.0491+0.0151i	0.0031-0.0023i	-0.0070+0.0000i	-0.0129+0.0007i
0.5	0.0341+0.0152i	-0.0033-0.0081i	0.0200-0.0053i	-0.0011-0.0080i	-0.0028-0.0030i	0.0037+0.0085i	-0.0036+0.0072i	-0.0039+0.0148i
0.6	0.0086-0.0080i	0.0022-0.0038i	0.0104-0.0017i	0.0077+0.0035i	-0.0016-0.0084i	-0.0020+0.0028i	0.0027-0.0005i	-0.0051+0.0008i
0.7	0.0032+0.0031i	-0.0014+0.0008i	0.0020+0.0009i	0.0051+0.0000i	-0.0030+0.0010i	-0.0063-0.0050i	0.0031-0.0015i	-0.0026-0.0022i
0.8	-0.0055-0.0057i	-0.0008+0.0016i	-0.0012+0.0027i	-0.0016-0.0027i	-0.0027+0.0007i	-0.0086+0.0012i	0.0019+0.0024i	-0.0033-0.0054i
0.9	-0.0015-0.0044i	-0.0000+0.0014i	-0.0032+0.0019i	-0.0002-0.0001i	-0.0059-0.0014i	-0.0058+0.0002i	-0.0019+0.0016i	-0.0076-0.0032i
1.0	-0.0016-0.0027i	-0.0024+0.0040i	-0.0021+0.0010i	0.0032-0.0005i	-0.0086-0.0020i	-0.0076+0.0008i	-0.0008-0.0000i	-0.0062-0.0000i
1.1	-0.0038-0.0019i	0.0018+0.0076i	-0.0011+0.0008i	-0.0007-0.0015i	-0.0062+0.0010i	-0.0018+0.0000i	-0.0021+0.0002i	-0.0077+0.0003i
1.2	-0.0029-0.0016i	0.0044+0.0042i	-0.0012-0.0005i	-0.0039-0.0002i	-0.0056-0.0016i	0.0002+0.0002i	-0.0037-0.0002i	-0.0087+0.0007i
1.3	-0.0000-0.0005i	0.0021-0.0010i	-0.0013-0.0018i	-0.0029-0.0013i	-0.0097-0.0021i	-0.0013+0.0010i	-0.0029-0.0004i	-0.0111+0.0004i
1.4	-0.0030-0.0004i	-0.0010-0.0018i	-0.0006+0.0000i	-0.0014-0.0016i	-0.0103-0.0011i	-0.0022+0.0010i	-0.0036+0.0013i	-0.0121-0.0004i
1.5	-0.0036-0.0031i	-0.0028-0.0014i	-0.0010+0.0002i	0.0011-0.0021i	-0.0114-0.0017i	-0.0031+0.0014i	-0.0009-0.0019i	-0.0121-0.0008i
1.6	-0.0077+0.0028i	-0.0065+0.0010i	-0.0005-0.0038i	0.0019-0.0172i	-0.0132-0.0005i	-0.0035+0.0049i	-0.0011-0.0178i	-0.0153-0.0013i
1.7	-0.0070+0.0029i	-0.0078+0.0017i	-0.0060-0.0023i	-0.0320-0.0120i	-0.0159+0.0010i	0.0017+0.0015i	-0.0314-0.0102i	-0.0183-0.0019i
1.8	-0.0125-0.0003i	-0.0175+0.0006i	-0.0062+0.0008i	-0.0504-0.0007i	-0.0169-0.0020i	0.0047-0.0006i	-0.0493+0.0021i	-0.0197-0.0018i
1.9	-0.0331+0.0075i	-0.0409+0.0121i	-0.0048+0.0027i	-0.0856+0.0189i	-0.0186-0.0028i	0.0084-0.0027i	-0.0853+0.0234i	-0.0242-0.0008i
2.0	-0.0498+0.0678i	-0.0604+0.0732i	-0.0065+0.0053i	-0.1159+0.1433i	-0.0195-0.0038i	0.0092-0.0147i	-0.1126+0.1466i	-0.0258+0.0021i
2.1	0.0716+0.1707i	0.0551+0.1727i	-0.0053+0.0077i	0.1256+0.3428i	-0.0269-0.0081i	-0.0204-0.0398i	0.1318+0.3390i	-0.0256+0.0045i
2.2	0.1729-0.0755i	0.1537-0.0259i	-0.0035+0.0039i	0.3229-0.1237i	-0.0356+0.0016i	-0.0459+0.0179i	0.3211-0.1309i	-0.0282-0.0012i
2.3	-0.0064-0.1079i	0.0120-0.0630i	-0.0097+0.0020i	-0.0063-0.1898i	-0.0340+0.0047i	-0.0116+0.0238i	-0.0085-0.1900i	-0.0372-0.0024i
2.4	-0.0150-0.0416i	0.0083-0.0018i	-0.0041+0.0202i	-0.0240-0.0701i	-0.0350+0.0038i	-0.0033+0.0269i	-0.0241-0.0704i	-0.0377+0.0026i
2.5	0.0024-0.0217i	0.0318+0.0104i	0.0127+0.0152i	0.0048-0.0351i	-0.0368+0.0002i	0.0088+0.0173i	0.0039-0.0345i	-0.0369+0.0007i
2.6	-0.0008-0.0256i	0.0330+0.0048i	0.0094+0.0057i	-0.0009-0.0432i	-0.0406-0.0014i	0.0071+0.0090i	-0.0023-0.0407i	-0.0402-0.0018i
2.7	-0.0083-0.0180i	0.0349+0.0056i	0.0081+0.0037i	-0.0117-0.0299i	-0.0429-0.0009i	0.0079+0.0053i	-0.0118-0.0287i	-0.0448-0.0008i
2.8	-0.0058-0.0106i	0.0343+0.0068i	0.0045+0.0040i	-0.0082-0.0184i	-0.0485-0.0006i	0.0052+0.0028i	-0.0084-0.0179i	-0.0517-0.0021i
2.9	-0.0034-0.0070i	0.0374+0.0063i	0.0040+0.0040i	-0.0057-0.0135i	-0.0563-0.0014i	0.0020+0.0029i	-0.0052-0.0128i	-0.0589-0.0044i
3.0	0.0001-0.0072i	0.0402+0.0064i	0.0049+0.0030i	-0.0033-0.0119i	-0.0590-0.0024i	0.0007+0.0034i	-0.0021-0.0088i	-0.0624-0.0026i
3.1	0.0014-0.0037i	0.0409+0.0073i	0.0032+0.0022i	-0.0033-0.0105i	-0.0623-0.0019i	0.0001+0.0037i	-0.0021-0.0074i	-0.0648-0.0010i
3.2	0.0004-0.0040i	0.0439+0.0061i	0.0048+0.0015i	-0.0010-0.0076i	-0.0673-0.0000i	-0.0001+0.0054i	-0.0014-0.0092i	-0.0693-0.0017i
3.3	0.0004-0.0067i	0.0486+0.0037i	0.0031+0.0016i	-0.0012-0.0097i	-0.0750-0.0005i	0.0009+0.0032i	-0.0034-0.0101i	-0.0775-0.0045i
3.4	0.0004-0.0071i	0.0520+0.0050i	0.0021+0.0029i	-0.0058-0.0133i	-0.0808-0.0011i	-0.0003+0.0039i	-0.0059-0.0129i	-0.0824-0.0044i
3.5	-0.0031-0.0070i	0.0672+0.0118i	0.0041+0.0049i	-0.0119-0.0117i	-0.0879-0.0013i	0.0031+0.0061i	-0.0102-0.0114i	-0.0891-0.0012i
3.6	-0.0024-0.0006i	0.0883-0.0118i	0.0005+0.0078i	-0.0184+0.0022i	-0.0964+0.0009i	0.0076+0.0026i	-0.0195+0.0013i	-0.0964-0.0038i
3.7	0.0200+0.0072i	0.0014-0.0224i	0.0024+0.0046i	0.0190+0.0211i	-0.1060+0.0078i	0.0066+0.0020i	0.0213+0.0171i	-0.1087+0.0088i
3.8	0.0164+0.0032i	0.0179-0.0041i	0.0035+0.0004i	0.0180+0.0070i	-0.1141+0.0046i	0.0015+0.0009i	0.0202+0.0054i	-0.1188+0.0039i
3.9	0.0131+0.0005i	0.0251-0.0045i	0.0032+0.0006i	0.0133+0.0002i	-0.1192+0.0022i	-0.0000+0.0010i	0.0160-0.0005i	-0.1237+0.0014i
4.0	0.0102-0.0007i	0.0276-0.0029i	0.0025-0.0005i	0.0089-0.0010i	-0.1261-0.0001i	-0.0009-0.0006i	0.0115-0.0011i	-0.1312-0.0005i
4.1	0.0094+0.0007i	0.0302+0.0003i	0.0018-0.0007i	0.0075+0.0016i	-0.1346-0.0012i	-0.0010-0.0012i	0.0103+0.0017i	-0.1402-0.0013i
4.2	0.0093+0.0016i	0.0350+0.0030i	0.0017-0.0004i	0.0073+0.0033i	-0.1443-0.0013i	-0.0004-0.0006i	0.0093+0.0029i	-0.1504-0.0015i
4.3	0.0085+0.0024i	0.0386+0.0044i	0.0018-0.0016i	0.0047+0.0036i	-0.1579-0.0043i	-0.0009-0.0011i	0.0075+0.0037i	-0.1645-0.0043i
4.4	0.0088+0.0043i	0.0411+0.0048i	0.0011-0.0024i	0.0047+0.0068i	-0.1694-0.0055i	-0.0020-0.0033i	0.0057+0.0066i	-0.1755-0.0053i
4.5	0.0091+0.0084i	0.0456+0.0078i	-0.0005-0.0027i	0.0045+0.0140i	-0.1858-0.0054i	-0.0039-0.0022i	0.0065+0.0131i	-0.1915-0.0035i
4.6	0.0090+0.0135i	0.0476+0.0104i	-0.0015-0.0017i	0.0033+0.0196i	-0.2026-0.0084i	-0.0036-0.0005i	0.0064+0.0224i	-0.2109-0.0045i
4.7	0.0182+0.0258i	0.0618+0.0209i	-0.0015+0.0062i	0.0192+0.0423i	-0.2236+0.0007i	-0.0062+0.0017i	0.0219+0.0446i	-0.2301+0.0037i
4.8	0.0477+0.0207i	0.1045+0.0114i	0.0096+0.0073i	0.0656+0.0413i	-0.2266+0.0110i	0.0003+0.0020i	0.0698+0.0388i	-0.2330+0.0124i
4.9	0.0546-0.0064i	0.1001-0.0441i	0.0080-0.0013i	0.0730-0.0050i	-0.2367-0.0047i	0.0002-0.0028i	0.0776-0.0104i	-0.2490-0.0048i
5.0	0.0259-0.0119i	0.0269-0.0359i	0.0021+0.0029i	0.0255-0.0228i	-0.2935-0.0142i	-0.0025+0.0064i	0.0292-0.0227i	-0.3036-0.0163i
5.1	0.0225-0.0119i	0.0389-0.0194i	0.0096+0.0042i	0.0206-0.0226i	-0.3097-0.0164i	0.0050+0.0058i	0.0264-0.0213i	-0.3182-0.0189i
5.2	0.0191-0.0105i	0.0543-0.0298i	0.0168-0.0075i	0.0124-0.0223i	-0.3370-0.0216i	0.0137-0.0050i	0.0195-0.0204i	-0.3424-0.0216i
5.3	0.0184-0.0029i	0.0454-0.0628i	0.0044-0.0274i	0.0055-0.0125i	-0.3813-0.0293i	0.0018-0.0252i	0.0121-0.0119i	-0.3849-0.0258i
5.4	0.0146-0.0028i	-0.0096-0.1057i	-0.0287-0.0258i	-0.0048-0.0094i	-0.4487-0.0174i	-0.0320-0.0247i	0.0031-0.0040i	-0.4535-0.0159i
5.5	0.0092+0.0044i	-0.0815-0.0729i	-0.0308-0.0027i	-0.0134+0.0029i	-0.4874+0.0100i	-0.0328-0.0033i	-0.0035+0.0094i	-0.5003+0.0094i
5.6	0.0237+0.0216i	-0.1052+0.0102i	-0.0249+0.0117i	0.0037+0.0355i	-0.5562+0.0378i	-0.0286+0.0111i	0.0134+0.0390i	-0.5708+0.0387i

5.7	0.0391+0.0248i	-0.0800+0.0421i	-0.0171+0.0130i	0.0323+0.0410i	-0.5933+0.0434i	-0.0244+0.0119i	0.0422+0.0417i	-0.6043+0.0444i
5.8	0.0489+0.0171i	-0.0641+0.0519i	-0.0123+0.0159i	0.0481+0.0312i	-0.6571+0.0602i	-0.0220+0.0135i	0.0582+0.0302i	-0.6666+0.0594i
5.9	0.0565+0.0097i	-0.0534+0.0491i	-0.0079+0.0181i	0.0591+0.0197i	-0.7120+0.0771i	-0.0170+0.0153i	0.0704+0.0184i	-0.7196+0.0764i
6.0	0.0574-0.0023i	-0.0687+0.0301i	-0.0053+0.0148i	0.0601-0.0015i	-0.7973+0.0770i	-0.0159+0.0144i	0.0716-0.0027i	-0.8052+0.0746i
6.1	0.0513-0.0092i	-0.1102+0.0334i	-0.0055+0.0172i	0.0449-0.0144i	-0.9154+0.1008i	-0.0168+0.0174i	0.0579-0.0161i	-0.9247+0.0968i
6.2	0.0490-0.0092i	-0.1403+0.0507i	-0.0022+0.0212i	0.0358-0.0144i	-1.0233+0.1361i	-0.0138+0.0218i	0.0510-0.0171i	-1.0339+0.1330i
6.3	0.0496-0.0059i	-0.1737+0.0739i	0.0049+0.0232i	0.0300-0.0082i	-1.1670+0.1886i	-0.0078+0.0242i	0.0476-0.0114i	-1.1776+0.1845i
6.4	0.0521-0.0048i	-0.2100+0.0989i	0.0110+0.0258i	0.0270-0.0043i	-1.3168+0.2460i	-0.0023+0.0271i	0.0467-0.0088i	-1.3260+0.2424i
6.5	0.0565-0.0055i	-0.2632+0.1326i	0.0235+0.0259i	0.0247-0.0026i	-1.5340+0.3479i	0.0086+0.0278i	0.0470-0.0073i	-1.5409+0.3441i
6.6	0.0627-0.0043i	-0.3588+0.1654i	0.0293+0.0258i	0.0222+0.0041i	-1.8338+0.4406i	0.0130+0.0282i	0.0484-0.0025i	-1.8382+0.4340i
6.7	0.0721-0.0054i	-0.4674+0.2495i	0.0413+0.0259i	0.0235+0.0118i	-2.1894+0.6604i	0.0220+0.0298i	0.0544+0.0016i	-2.1915+0.6509i
6.8	0.0881-0.0078i	-0.6761+0.3625i	0.0614+0.0257i	0.0254+0.0191i	-2.8502+0.9520i	0.0370+0.0310i	0.0660+0.0048i	-2.8439+0.9411i
6.9	0.1075-0.0201i	-0.9170+0.6210i	0.0893+0.0227i	0.0280+0.0223i	-3.6140+1.6461i	0.0583+0.0330i	0.0794-0.0020i	-3.6003+1.6267i
7.0	0.1256-0.0563i	-1.1345+1.3145i	0.1355-0.0056i	0.0253+0.0293i	-4.3614+3.5612i	0.0993+0.0213i	0.0854-0.0213i	-4.3392+3.5141i
7.1	0.1239-0.1133i	-0.9618+2.4177i	0.1935-0.0810i	0.0137+0.0542i	-4.1198+6.6496i	0.1627-0.0314i	0.0690-0.0398i	-4.0994+6.5628i
7.2	0.0633-0.1532i	0.4295+3.2218i	0.1504-0.2174i	0.0488+0.1126i	-0.4092+9.0869i	0.1482-0.1569i	0.0512-0.0141i	-0.4397+8.9699i
7.3	0.0132-0.1468i	1.7796+2.7622i	0.0343-0.2485i	0.1450+0.0858i	3.2913+7.9454i	0.0505-0.1988i	0.0966-0.0221i	3.2082+7.8402i
7.4	-0.0390-0.1227i	2.6240+1.7529i	-0.0497-0.2202i	0.1452-0.0033i	5.5876+5.3420i	-0.0180-0.1817i	0.0681-0.0730i	5.4672+5.2680i
7.5	-0.0512-0.0746i	2.5298+0.8196i	-0.0876-0.1771i	0.1037-0.0161i	5.4126+2.8558i	-0.0535-0.1570i	0.0308-0.0522i	5.2911+2.8181i
7.6	-0.0368-0.0435i	2.1660+0.3720i	-0.0988-0.1396i	0.0926-0.0041i	4.4505+1.5803i	-0.0732-0.1312i	0.0346-0.0237i	4.3401+1.5624i
7.7	-0.0226-0.0349i	1.9535+0.2506i	-0.0949-0.1218i	0.0939-0.0037i	3.7855+1.2227i	-0.0750-0.1159i	0.0447-0.0185i	3.6832+1.2092i
7.8	-0.0158-0.0324i	1.8884+0.1838i	-0.0916-0.1195i	0.0942-0.0062i	3.4628+1.0320i	-0.0742-0.1151i	0.0494-0.0175i	3.3613+1.0203i
7.9	-0.0181-0.0337i	1.9432+0.1477i	-0.0994-0.1236i	0.0912-0.0084i	3.4261+0.9514i	-0.0826-0.1190i	0.0483-0.0197i	3.3243+0.9452i
8.0	-0.0213-0.0257i	1.9988-0.0086i	-0.1194-0.1209i	0.0930-0.0032i	3.4297+0.6357i	-0.1045-0.1191i	0.0501-0.0113i	3.3296+0.6347i
8.1	-0.0184-0.0193i	2.0071-0.1384i	-0.1305-0.1192i	0.0981-0.0019i	3.3189+0.4220i	-0.1167-0.1199i	0.0562-0.0095i	3.2146+0.4262i
8.2	-0.0214-0.0133i	2.0804-0.2592i	-0.1461-0.1166i	0.0976-0.0020i	3.3373+0.2384i	-0.1322-0.1190i	0.0550-0.0075i	3.2273+0.2416i
8.3	-0.0241-0.0056i	2.1323-0.3799i	-0.1648-0.1086i	0.0988-0.0011i	3.3346+0.0286i	-0.1530-0.1126i	0.0568-0.0026i	3.2238+0.0352i
8.4	-0.0249+0.0018i	2.1844-0.5071i	-0.1838-0.0997i	0.1043+0.0012i	3.3261-0.1746i	-0.1745-0.1041i	0.0624+0.0028i	3.2137-0.1623i
8.5	-0.0260+0.0110i	2.2925-0.6463i	-0.2014-0.0891i	0.1110+0.0038i	3.3732-0.3690i	-0.1938-0.0946i	0.0691+0.0090i	3.2578-0.3532i
8.6	-0.0267+0.0221i	2.4462-0.8032i	-0.2234-0.0730i	0.1205+0.0059i	3.4688-0.5833i	-0.2174-0.0784i	0.0774+0.0128i	3.3470-0.5658i
8.7	-0.0298+0.0314i	2.6821-1.0000i	-0.2491-0.0593i	0.1311+0.0044i	3.6490-0.8354i	-0.2426-0.0663i	0.0866+0.0142i	3.5208-0.8120i
8.8	-0.0343+0.0472i	2.9117-1.3674i	-0.2727-0.0312i	0.1413-0.0018i	3.8278-1.2568i	-0.2688-0.0411i	0.0931+0.0134i	3.6936-1.2264i
8.9	-0.0374+0.0708i	3.1216-1.8753i	-0.2930+0.0070i	0.1480-0.0093i	3.9867-1.8249i	-0.2906-0.0011i	0.0966+0.0138i	3.8452-1.7848i
9.0	-0.0323+0.0978i	3.1467-2.5642i	-0.3036+0.0507i	0.1521-0.0166i	3.9378-2.5733i	-0.3023+0.0421i	0.1011+0.0170i	3.7940-2.5166i
9.1	-0.0185+0.1212i	3.1253-3.0312i	-0.2998+0.0768i	0.1572-0.0214i	3.7330-3.0167i	-0.2991+0.0688i	0.1094+0.0184i	3.5904-2.9544i
9.2	-0.0102+0.1703i	3.5203-4.3376i	-0.3327+0.1342i	0.1659-0.0330i	4.0775-4.2476i	-0.3314+0.1230i	0.1118+0.0224i	3.9237-4.1697i
9.3	0.0493+0.2313i	2.4632-6.4074i	-0.3109+0.2501i	0.1603-0.0525i	3.0173-6.2760i	-0.3095+0.2345i	0.1214+0.0309i	2.8715-6.1649i
9.4	0.1732+0.2251i	-0.6604-7.1707i	-0.1737+0.3270i	0.1358-0.0550i	-0.1037-6.9863i	-0.1791+0.3061i	0.1418+0.0377i	-0.2099-6.8634i
9.5	0.2401+0.1556i	-2.7111-5.9651i	-0.0567+0.2904i	0.1246-0.0384i	-2.1447-5.7515i	-0.0685+0.2687i	0.1584+0.0375i	-2.2261-5.6443i
9.6	0.2572+0.0797i	-3.6602-4.2423i	0.0108+0.2185i	0.1304-0.0177i	-3.0726-4.0229i	-0.0066+0.2008i	0.1764+0.0330i	-3.1480-3.9373i
9.7	0.2315+0.0272i	-3.5523-2.8469i	0.0172+0.1500i	0.1451-0.0055i	-2.9289-2.6334i	-0.0045+0.1349i	0.1889+0.0247i	-3.0091-2.5601i
9.8	0.2080+0.0090i	-3.2667-2.1413i	0.0090+0.1125i	0.1593-0.0005i	-2.6330-1.9455i	-0.0143+0.1001i	0.1989+0.0221i	-2.7194-1.8786i
9.9	0.1885+0.0011i	-2.9611-1.5524i	-0.0061+0.0821i	0.1782+0.0025i	-2.3106-1.3831i	-0.0325+0.0740i	0.2115+0.0169i	-2.4089-1.3251i
10.0	0.1777+0.0000i	-2.6892-1.2188i	-0.0196+0.0643i	0.1913+0.0033i	-2.0448-1.0663i	-0.0487+0.0579i	0.2241+0.0120i	-2.1496-1.0100i
10.1	0.1755-0.0016i	-2.4599-0.9813i	-0.0321+0.0511i	0.2060-0.0005i	-1.8315-0.8413i	-0.0616+0.0480i	0.2350+0.0062i	-1.9452-0.7864i
10.2	0.1764+0.0004i	-2.2493-0.8171i	-0.0444+0.0444i	0.2202-0.0056i	-1.6332-0.6785i	-0.0740+0.0444i	0.2451-0.0002i	-1.7596-0.6224i
10.3	0.1754-0.0022i	-2.1167-0.7663i	-0.0529+0.0423i	0.2321-0.0114i	-1.4980-0.5871i	-0.0826+0.0432i	0.2543-0.0072i	-1.6291-0.5275i
10.4	0.1695-0.0022i	-2.0577-0.7153i	-0.0582+0.0392i	0.2378-0.0102i	-1.4183-0.4974i	-0.0866+0.0400i	0.2593-0.0077i	-1.5489-0.4369i
10.5	0.1716+0.0076i	-2.0594-0.6517i	-0.0642+0.0346i	0.2560-0.0026i	-1.3377-0.4267i	-0.0953+0.0370i	0.2765-0.0010i	-1.4758-0.3749i
10.6	0.1800+0.0122i	-2.0945-0.5693i	-0.0660+0.0291i	0.2776+0.0003i	-1.2821-0.3563i	-0.1008+0.0318i	0.2974+0.0011i	-1.4322-0.3099i
10.7	0.1933+0.0153i	-2.0953-0.4240i	-0.0738+0.0231i	0.3022-0.0065i	-1.2139-0.2934i	-0.1091+0.0290i	0.3216-0.0060i	-1.3767-0.2482i
10.8	0.2041+0.0182i	-2.0699-0.2980i	-0.0831+0.0166i	0.3262-0.0100i	-1.1537-0.2389i	-0.1201+0.0235i	0.3444-0.0099i	-1.3313-0.1904i
10.9	0.2125+0.0158i	-2.0172-0.2434i	-0.0927+0.0118i	0.3474-0.0180i	-1.0972-0.2054i	-0.1324+0.0214i	0.3641-0.0175i	-1.2864-0.1545i
11.0	0.2224+0.0151i	-2.0121-0.2071i	-0.1023+0.0092i	0.3706-0.0227i	-1.0485-0.1852i	-0.1447+0.0189i	0.3875-0.0233i	-1.2542-0.1340i
11.1	0.2336+0.0141i	-2.0340-0.1693i	-0.1111+0.0075i	0.3938-0.0293i	-1.0216-0.1644i	-0.1551+0.0183i	0.4111-0.0295i	-1.2441-0.1145i
11.2	0.2475+0.0127i	-2.1074-0.1194i	-0.1202+0.0060i	0.4246-0.0372i	-1.0004-0.1412i	-0.1678+0.0186i	0.4416-0.0386i	-1.2398-0.0895i
11.3	0.2611+0.0129i	-2.2059-0.0949i	-0.1309+0.0063i	0.4578-0.0447i	-0.9829-0.1302i	-0.1811+0.0192i	0.4739-0.0464i	-1.2427-0.0769i
11.4	0.2735+0.0121i	-2.2929-0.0330i	-0.1395+0.0044i	0.4904-0.0553i	-0.9687-0.1164i	-0.1941+0.0200i	0.5066-0.0575i	-1.2511-0.0574i
11.5	0.2866+0.0089i	-2.4094+0.0229i	-0.1476+0.0030i	0.5295-0.0670i	-0.9552-0.1008i	-0.2089+0.0204i	0.5457-0.0697i	-1.2631-0.0379i
11.6	0.3000+0.0071i	-2.5090+0.0414i	-0.1577+0.0031i	0.5711-0.0734i	-0.9481-0.0910i	-0.2229+0.0220i	0.5876-0.0769i	-1.2825-0.0303i
11.7	0.3168+0.0015i	-2.6664+0.1668i	-0.1688+0.0030i	0.6212-0.1025i	-0.9400-0.0811i	-0.2410+0.0266i	0.6387-0.1050i	-1.3119-0.0131i
11.8	0.3368+0.0037i	-2.8960+0.2185i	-0.1789-0.0012i	0.6818-0.1188i	-0.9430-0.0728i	-0.2607+0.0280i	0.6991-0.1211i	-1.3504-0.0002i
11.9	0.3533+0.0035i	-3.1947+0.2942i	-0.1873-0.0049i	0.7527-0.1427i	-0.9541-0.0611i	-0.2788+0.0310i	0.7707-0.1473i	-1.4002+0.0200i

12.0	0.3723+0.0055i	-3.5065+0.3946i	-0.1995-0.0093i	0.8354-0.1865i	-0.9623-0.0566i	-0.3032+0.0356i	0.8549-0.1916i	-1.4607+0.0320i
12.1	0.4017+0.0096i	-4.0377+0.5854i	-0.2120-0.0162i	0.9483-0.2583i	-0.9699-0.0537i	-0.3330+0.0463i	0.9667-0.2612i	-1.5400+0.0587i
12.2	0.4238+0.0098i	-4.4668+0.8786i	-0.2220-0.0236i	1.0197-0.3445i	-0.9818-0.0498i	-0.3540+0.0603i	1.0387-0.3469i	-1.5997+0.0941i
12.3	0.4511+0.0180i	-5.1042+1.3281i	-0.2367-0.0382i	1.1005-0.4728i	-0.9974-0.0509i	-0.3789+0.0774i	1.1222-0.4759i	-1.6797+0.1332i
12.4	0.5009+0.0342i	-5.8137+1.9982i	-0.2637-0.0537i	1.1626-0.6693i	-1.0089-0.0593i	-0.4042+0.1064i	1.1848-0.6698i	-1.7789+0.1939i
12.5	0.5613+0.0532i	-6.5413+2.7942i	-0.2916-0.0722i	1.1918-0.8649i	-1.0244-0.0712i	-0.4229+0.1352i	1.2148-0.8649i	-1.8659+0.2566i
12.6	0.6349+0.0740i	-7.1479+3.6178i	-0.3255-0.0914i	1.1683-1.0493i	-1.0460-0.0833i	-0.4340+0.1617i	1.1922-1.0484i	-1.9461+0.3111i
12.7	0.7822+0.0746i	-7.8718+4.8817i	-0.3995-0.1049i	1.0403-1.2566i	-1.0922-0.1019i	-0.4407+0.1923i	1.0685-1.2538i	-2.0750+0.3905i
12.8	0.9159+0.0234i	-8.2818+6.1693i	-0.4669-0.0981i	0.8849-1.3430i	-1.1412-0.1161i	-0.4394+0.2041i	0.9188-1.3404i	-2.1687+0.4680i
12.9	1.0648-0.0436i	-9.3804+7.7129i	-0.5281-0.0938i	0.8020-1.3748i	-1.1894-0.1609i	-0.4443+0.1971i	0.8388-1.3718i	-2.2992+0.5161i
13.0	1.2633-0.1718i	-11.4233+9.9220i	-0.6021-0.0685i	0.7810-1.3919i	-1.2101-0.2183i	-0.4635+0.1941i	0.8237-1.3910i	-2.4908+0.6069i
13.1	1.4509-0.3517i	-13.6830+13.1062i	-0.6724-0.0326i	0.8516-1.4478i	-1.2239-0.3144i	-0.5024+0.1954i	0.8970-1.4449i	-2.6909+0.7233i
13.2	1.7237-0.5794i	-17.7933+18.4954i	-0.7499-0.0164i	1.0102-1.5852i	-1.2373-0.5207i	-0.5479+0.1813i	1.0608-1.5804i	-2.9827+0.8249i
13.3	1.8781-0.9932i	-19.1808+28.1546i	-0.8191+0.0157i	1.1158-1.9158i	-1.3676-0.8124i	-0.6007+0.1804i	1.1711-1.9121i	-3.2187+1.0625i
13.4	2.0433-1.9119i	-18.3558+51.4533i	-0.9400+0.0431i	1.1320-2.7575i	-1.7413-1.5795i	-0.6833+0.1611i	1.2008-2.7476i	-3.5786+1.4597i
13.5	1.5309-2.6058i	-0.4315+66.6233i	-1.0458+0.1116i	0.5466-3.3487i	-2.6117-1.9822i	-0.7904+0.1822i	0.6308-3.3387i	-3.6881+1.8241i
13.6	0.3758-3.2231i	38.1454+77.7024i	-1.2539+0.2102i	-0.7100-3.7271i	-4.3753-2.1119i	-1.0112+0.2063i	-0.5907-3.7239i	-3.8966+2.2144i
13.7	-0.6228-3.0077i	71.9112+65.4686i	-1.4746+0.3411i	-1.6598-3.2841i	-5.9437-1.3937i	-1.2726+0.2902i	-1.5121-3.2994i	-4.2666+2.4540i
13.8	-1.2446-2.1056i	96.9970+27.6780i	-1.7825+0.6844i	-2.0642-2.2359i	-7.3227+0.5790i	-1.6482+0.6239i	-1.8879-2.2968i	-5.0773+3.1600i
13.9	-1.2252-1.5425i	100.9429-2.9316i	-1.9612+1.1232i	-1.9034-1.6991i	-7.9161+2.4692i	-1.8667+1.0808i	-1.7161-1.8117i	-5.7986+4.3731i
14.0	-1.0789-1.2316i	98.5989-36.7578i	-2.0628+1.8541i	-1.6803-1.4719i	-8.1160+5.0738i	-1.9904+1.8372i	-1.4939-1.6594i	-6.2711+6.6496i
14.1	-0.9741-1.1157i	78.8506-70.1389i	-1.6345+2.7451i	-1.6273-1.4473i	-6.7605+8.0341i	-1.5638+2.7587i	-1.4877-1.7176i	-5.0409+9.5669i
14.2	-1.0110-1.0557i	40.3485-92.5379i	-0.5608+3.3875i	-1.7819-1.3961i	-3.4120+10.1559i	-0.4781+3.4160i	-1.7480-1.7153i	-1.5951+11.7088i
14.3	-1.1201-0.8901i	-2.8328-88.9788i	0.7234+3.2365i	-1.9742-1.1372i	0.4867+9.9783i	0.8254+3.2665i	-2.0645-1.4363i	2.5933+11.3344i
14.4	-1.1521-0.6973i	-27.0058-65.3198i	1.4511+2.4843i	-2.0153-0.8232i	2.7498+7.9352i	1.5638+2.5031i	-2.1704-1.0513i	5.0089+8.9721i
14.5	-1.1112-0.5400i	-32.5398-46.1297i	1.6001+1.8540i	-1.9307-0.5922i	3.3519+6.1734i	1.7131+1.8635i	-2.0976-0.7622i	5.5762+6.9148i
14.6	-1.0386-0.4038i	-30.9543-30.8282i	1.5229+1.3427i	-1.8073-0.4077i	3.2164+4.7713i	1.6338+1.3436i	-1.9674-0.5315i	5.3574+5.2597i
14.7	-0.9701-0.2948i	-28.5801-20.7142i	1.4218+1.0151i	-1.6966-0.2698i	3.0454+3.9700i	1.5310+1.0074i	-1.8507-0.3628i	5.0952+4.2277i
14.8	-0.9042-0.2461i	-25.5032-16.0058i	1.3188+0.8691i	-1.6108-0.2232i	2.9023+3.5625i	1.4243+0.8568i	-1.7562-0.2996i	4.8273+3.7160i
14.9	-0.8014-0.1720i	-20.8898-9.6466i	1.1954+0.6529i	-1.4976-0.1201i	2.8015+3.0320i	1.2936+0.6323i	-1.6366-0.1708i	4.5340+3.0106i
15.0	-0.7172-0.1589i	-16.9276-7.2908i	1.0776+0.5331i	-1.3945-0.0475i	2.6283+2.6980i	1.1705+0.5063i	-1.5236-0.0827i	4.2063+2.6311i
15.1	-0.6733-0.1580i	-14.5772-6.1911i	0.9954+0.4527i	-1.3050-0.0045i	2.5679+2.4012i	1.0799+0.4213i	-1.4242-0.0280i	4.0330+2.3244i
15.2	-0.6474-0.1485i	-12.8559-5.4570i	0.9180+0.3902i	-1.2015+0.0329i	2.4984+2.1895i	0.9912+0.3569i	-1.3127+0.0203i	3.8781+2.0861i
15.3	-0.6275-0.1315i	-11.7718-4.9072i	0.8544+0.3469i	-1.1089+0.0267i	2.4281+1.9650i	0.9177+0.3191i	-1.2102+0.0212i	3.7473+1.8593i
15.4	-0.6078-0.1140i	-10.9330-4.4768i	0.8023+0.3184i	-1.0575+0.0044i	2.3134+1.7596i	0.8616+0.2974i	-1.1506+0.0029i	3.5949+1.6635i
15.5	-0.5844-0.0971i	-10.2556-3.9486i	0.7536+0.2932i	-1.0221-0.0080i	2.1977+1.5910i	0.8124+0.2772i	-1.1072-0.0055i	3.4401+1.4967i
15.6	-0.5692-0.0818i	-9.7088-3.5934i	0.7230+0.2723i	-0.9772-0.0115i	2.1986+1.5306i	0.7780+0.2597i	-1.0551-0.0052i	3.3992+1.4076i
15.7	-0.5500-0.0603i	-9.1350-3.0665i	0.6850+0.2492i	-0.9558-0.0325i	2.1078+1.3607i	0.7401+0.2426i	-1.0258-0.0253i	3.2732+1.2343i
15.8	-0.5335-0.0403i	-8.7448-2.5110i	0.6513+0.2210i	-0.9253-0.0488i	2.0351+1.2148i	0.7051+0.2201i	-0.9900-0.0415i	3.1704+1.0776i
15.9	-0.5112-0.0222i	-8.3081-2.1523i	0.6186+0.2082i	-0.9139-0.0684i	1.9582+1.1201i	0.6743+0.2118i	-0.9728-0.0601i	3.0618+0.9770i
16.0	-0.4912-0.0058i	-7.9180-1.8426i	0.5933+0.2040i	-0.9115-0.0703i	1.8584+1.0926i	0.6515+0.2089i	-0.9663-0.0605i	2.9447+0.9335i
16.1	-0.4662+0.0071i	-7.5636-1.5757i	0.5692+0.2036i	-0.9068-0.0634i	1.7772+1.0640i	0.6309+0.2073i	-0.9579-0.0542i	2.8374+0.8980i
16.2	-0.4454+0.0071i	-7.1942-1.3690i	0.5518+0.2034i	-0.9151-0.0854i	1.7354+1.0346i	0.6173+0.2115i	-0.9624-0.0781i	2.7837+0.8905i
16.3	-0.4339+0.0122i	-6.9568-1.1725i	0.5445+0.1975i	-0.9155-0.0848i	1.7443+1.0306i	0.6120+0.2070i	-0.9606-0.0780i	2.7908+0.8830i
16.4	-0.4213+0.0176i	-6.7020-0.9782i	0.5344+0.1935i	-0.9283-0.0732i	1.7391+0.9869i	0.6068+0.2019i	-0.9704-0.0674i	2.7893+0.8353i
16.5	-0.4173+0.0291i	-6.5167-0.7287i	0.5242+0.1813i	-0.9346-0.0525i	1.7072+0.9312i	0.5994+0.1860i	-0.9750-0.0465i	2.7733+0.7587i
16.6	-0.4052+0.0464i	-6.2403-0.4472i	0.5074+0.1757i	-0.9140-0.0248i	1.6746+0.9058i	0.5823+0.1738i	-0.9523-0.0209i	2.7359+0.6912i
16.7	-0.3859+0.0594i	-5.9214-0.2912i	0.4944+0.1762i	-0.8927-0.0339i	1.7005+0.8790i	0.5675+0.1755i	-0.9299-0.0329i	2.7266+0.6401i
16.8	-0.3580+0.0739i	-5.5512-0.1271i	0.4906+0.1691i	-0.8884-0.0538i	1.7115+0.8236i	0.5627+0.1731i	-0.9256-0.0515i	2.7008+0.5720i
16.9	-0.3374+0.0668i	-5.2353-0.1564i	0.4774+0.1621i	-0.9127-0.0601i	1.6928+0.6985i	0.5532+0.1677i	-0.9494-0.0586i	2.6629+0.4808i
17.0	-0.3302+0.0840i	-5.1049-0.0639i	0.4636+0.1679i	-0.9180-0.0523i	1.6304+0.6589i	0.5415+0.1712i	-0.9528-0.0518i	2.6022+0.4199i
17.1	-0.3005+0.0851i	-4.8491-0.0433i	0.4566+0.1748i	-0.9175-0.0503i	1.6254+0.6601i	0.5367+0.1786i	-0.9523-0.0514i	2.5629+0.4139i
17.2	-0.2947+0.0605i	-4.7826-0.1739i	0.4630+0.1701i	-0.9271-0.0521i	1.6389+0.5807i	0.5455+0.1734i	-0.9616-0.0532i	2.5838+0.3840i
17.3	-0.3129+0.0728i	-4.8248-0.0539i	0.4555+0.1635i	-0.9426-0.0439i	1.5404+0.5138i	0.5407+0.1641i	-0.9768-0.0433i	2.5488+0.3010i
17.4	-0.3117+0.1019i	-4.7742+0.1600i	0.4482+0.1661i	-0.9587-0.0368i	1.4697+0.5452i	0.5352+0.1663i	-0.9919-0.0372i	2.5014+0.2774i
17.5	-0.2851+0.1248i	-4.5344+0.3003i	0.4536+0.1745i	-0.9723-0.0218i	1.4773+0.5919i	0.5426+0.1712i	-1.0056-0.0233i	2.4799+0.2709i
17.6	-0.2771+0.1316i	-4.5260+0.3404i	0.4649+0.1709i	-0.9817-0.0177i	1.5192+0.5475i	0.5555+0.1663i	-1.0168-0.0200i	2.5229+0.2194i
17.7	-0.2655+0.1536i	-4.5235+0.4635i	0.4721+0.1652i	-0.9943-0.0064i	1.4928+0.5383i	0.5641+0.1580i	-1.0278-0.0069i	2.5121+0.1682i
17.8	-0.2389+0.1887i	-4.3598+0.7469i	0.4772+0.1540i	-0.9998+0.0163i	1.5091+0.5252i	0.5713+0.1420i	-1.0331+0.0166i	2.5020+0.0822i
17.9	-0.1823+0.2114i	-4.0214+0.9658i	0.4771+0.1351i	-1.0016+0.0363i	1.5500+0.4628i	0.5696+0.1221i	-1.0372+0.0370i	2.4517-0.0294i
18.0	-0.1286+0.2068i	-3.6680+0.9714i	0.4756+0.1205i	-0.9974+0.0412i	1.5503+0.3727i	0.5658+0.1070i	-1.0325+0.0424i	2.3703-0.1014i
18.1	-0.0885+0.1902i	-3.3943+0.8721i	0.4626+0.1055i	-0.9994+0.0359i	1.4897+0.2771i	0.5526+0.0927i	-1.0346+0.0399i	2.2640-0.1562i
18.2	-0.0681+0.1694i	-3.2865+0.8080i	0.4465+0.0950i	-1.0151+0.0410i	1.3962+0.2153i	0.5395+0.0808i	-1.0476+0.0468i	2.1717-0.1763i

18.3	-0.0402+0.1497i	-3.1244+0.6669i	0.4290+0.0941i	-1.0298+0.0457i	1.2838+0.2073i	0.5237+0.0803i	-1.0576+0.0494i	2.0579-0.1499i
18.4	-0.0157+0.1316i	-3.0560+0.5301i	0.4085+0.1016i	-1.0441+0.0440i	1.1467+0.2873i	0.5047+0.0903i	-1.0683+0.0436i	1.9301-0.0492i
18.5	-0.0102+0.1037i	-3.2324+0.3933i	0.4000+0.1225i	-1.0794+0.0348i	1.0480+0.4877i	0.5000+0.1127i	-1.1042+0.0293i	1.8965+0.1693i
18.6	-0.0228+0.0947i	-3.4635+0.5736i	0.4296+0.1390i	-1.1193+0.0727i	1.2796+0.6821i	0.5332+0.1252i	-1.1502+0.0644i	2.1784+0.2997i
18.7	-0.0070+0.1171i	-3.3028+1.0019i	0.4603+0.1097i	-1.1174+0.1193i	1.5989+0.5241i	0.5651+0.0906i	-1.1524+0.1172i	2.4291+0.0540i
18.8	0.0275+0.1157i	-2.9707+0.9815i	0.4468+0.0839i	-1.1092+0.1099i	1.5593+0.2883i	0.5506+0.0651i	-1.1415+0.1118i	2.3237-0.1501i
18.9	0.0547+0.1017i	-2.7851+0.9469i	0.4317+0.0715i	-1.1097+0.0890i	1.4950+0.1836i	0.5338+0.0534i	-1.1395+0.0921i	2.2314-0.2201i
19.0	0.0815+0.0797i	-2.6290+0.8786i	0.4179+0.0676i	-1.1225+0.0763i	1.4350+0.1300i	0.5221+0.0497i	-1.1504+0.0793i	2.1521-0.2333i
19.1	0.0946+0.0538i	-2.5820+0.7586i	0.4084+0.0672i	-1.1683+0.0680i	1.3760+0.1020i	0.5166+0.0508i	-1.1945+0.0703i	2.1181-0.2272i
19.2	0.1002+0.0346i	-2.5559+0.7000i	0.3993+0.0656i	-1.2134+0.0660i	1.3134+0.0795i	0.5132+0.0503i	-1.2402+0.0675i	2.0842-0.2328i
19.3	0.1114+0.0150i	-2.5145+0.6801i	0.3913+0.0634i	-1.2616+0.0749i	1.2755+0.0277i	0.5099+0.0467i	-1.2887+0.0761i	2.0729-0.2654i
19.4	0.1193+0.0020i	-2.4933+0.6667i	0.3836+0.0604i	-1.3103+0.0868i	1.2373-0.0020i	0.5057+0.0446i	-1.3370+0.0872i	2.0510-0.2932i
19.5	0.1269-0.0143i	-2.4555+0.6118i	0.3740+0.0592i	-1.3638+0.1107i	1.1983-0.0442i	0.4980+0.0416i	-1.3897+0.1104i	2.0317-0.3326i
19.6	0.1413-0.0271i	-2.3638+0.6140i	0.3613+0.0609i	-1.4434+0.1350i	1.1234-0.0767i	0.4940+0.0400i	-1.4683+0.1348i	1.9847-0.3599i
19.7	0.1631-0.0427i	-2.3439+0.5586i	0.3504+0.0652i	-1.5279+0.1676i	1.0379-0.0872i	0.4920+0.0424i	-1.5526+0.1672i	1.9319-0.3608i
19.8	0.1724-0.0546i	-2.3524+0.4918i	0.3445+0.0692i	-1.5774+0.1948i	0.9821-0.0992i	0.4899+0.0452i	-1.6021+0.1930i	1.8964-0.3683i
19.9	0.1750-0.0804i	-2.3757+0.4501i	0.3347+0.0803i	-1.6421+0.2567i	0.8996-0.0841i	0.4864+0.0514i	-1.6678+0.2538i	1.8554-0.3625i
20.0	0.2013-0.1008i	-2.4568+0.4145i	0.3247+0.0891i	-1.7549+0.3237i	0.8336-0.0517i	0.4870+0.0545i	-1.7816+0.3200i	1.8399-0.3427i
20.1	0.2105-0.1197i	-2.4561+0.4269i	0.3193+0.0975i	-1.8255+0.3877i	0.7736-0.0294i	0.4908+0.0584i	-1.8528+0.3854i	1.8195-0.3266i
20.2	0.2238-0.1320i	-2.4730+0.4211i	0.3125+0.1082i	-1.9043+0.4518i	0.7195-0.0077i	0.4922+0.0649i	-1.9310+0.4501i	1.8079-0.3141i
20.3	0.2509-0.1659i	-2.5316+0.4865i	0.3096+0.1195i	-2.0216+0.5959i	0.6356+0.0356i	0.5006+0.0627i	-2.0465+0.5945i	1.7955-0.3196i
20.4	0.2641-0.1964i	-2.5283+0.5288i	0.3050+0.1304i	-2.0837+0.7191i	0.5792+0.0941i	0.5033+0.0627i	-2.1085+0.7202i	1.7852-0.3076i
20.5	0.2803-0.2421i	-2.5459+0.5607i	0.3076+0.1482i	-2.1420+0.9018i	0.5349+0.1727i	0.5112+0.0628i	-2.1679+0.9053i	1.7815-0.2970i
20.6	0.2989-0.3010i	-2.5814+0.6126i	0.3101+0.1670i	-2.2122+1.1354i	0.4725+0.3036i	0.5191+0.0608i	-2.2325+1.1431i	1.7755-0.2648i
20.7	0.3025-0.3564i	-2.6093+0.7172i	0.3147+0.1805i	-2.2408+1.3549i	0.4563+0.4012i	0.5262+0.0553i	-2.2544+1.3615i	1.7914-0.2738i
20.8	0.2796-0.4256i	-2.5967+0.8197i	0.3292+0.1993i	-2.1439+1.6421i	0.4890+0.5067i	0.5347+0.0483i	-2.1532+1.6445i	1.7876-0.3014i
20.9	0.2507-0.4789i	-2.5207+0.8292i	0.3361+0.2031i	-2.0098+1.8440i	0.5034+0.5445i	0.5296+0.0337i	-2.0139+1.8414i	1.7421-0.3350i
21.0	0.2164-0.5252i	-2.4934+0.8670i	0.3437+0.2121i	-1.8499+2.0254i	0.5176+0.6080i	0.5232+0.0282i	-1.8526+2.0137i	1.6916-0.3350i
21.1	0.1692-0.5472i	-2.4356+0.9058i	0.3520+0.2216i	-1.6538+2.0967i	0.5418+0.6302i	0.5158+0.0314i	-1.6586+2.0760i	1.6433-0.3205i
21.2	0.1128-0.5897i	-2.3503+0.9643i	0.3616+0.2378i	-1.4249+2.2242i	0.5857+0.7201i	0.5092+0.0371i	-1.4310+2.1985i	1.6134-0.2648i
21.3	0.0867-0.6135i	-2.3636+0.9725i	0.3778+0.2491i	-1.3247+2.2525i	0.6396+0.7923i	0.5171+0.0465i	-1.3345+2.2236i	1.6425-0.1890i
21.4	0.0123-0.6272i	-2.2794+0.9879i	0.3976+0.2561i	-1.0654+2.2664i	0.7322+0.8230i	0.5174+0.0541i	-1.0806+2.2360i	1.6581-0.1528i
21.5	-0.0439-0.6241i	-2.2419+0.9897i	0.4137+0.2534i	-0.8814+2.2125i	0.7543+0.8409i	0.5217+0.0580i	-0.9011+2.1798i	1.6540-0.1112i
21.6	-0.0702-0.6230i	-2.2462+0.9918i	0.4325+0.2617i	-0.8343+2.1798i	0.7989+0.9004i	0.5406+0.0669i	-0.8589+2.1434i	1.7149-0.0543i
21.7	-0.0823-0.6180i	-2.2467+0.9758i	0.4472+0.2647i	-0.8315+2.1355i	0.8410+0.9253i	0.5583+0.0710i	-0.8590+2.0974i	1.7730-0.0272i
21.8	-0.0997-0.6119i	-2.2736+0.9794i	0.4653+0.2687i	-0.8437+2.0817i	0.8802+0.9697i	0.5832+0.0766i	-0.8738+2.0429i	1.8414+0.0159i
21.9	-0.1028-0.6101i	-2.3466+0.9943i	0.4870+0.2687i	-0.9274+2.0665i	0.9329+0.9902i	0.6148+0.0740i	-0.9600+2.0300i	1.9547+0.0188i
22.0	-0.1269-0.6210i	-2.3821+1.0550i	0.5029+0.2619i	-0.9306+2.1223i	0.9653+1.0118i	0.6362+0.0601i	-0.9663+2.0861i	2.0212-0.0032i
22.1	-0.1366-0.6101i	-2.4484+1.1302i	0.5157+0.2507i	-1.0032+2.1503i	0.9923+1.0193i	0.6605+0.0379i	-1.0423+2.1158i	2.1065-0.0474i
22.2	-0.1572-0.6421i	-2.4664+1.2627i	0.5329+0.2424i	-1.0119+2.3562i	1.0638+1.0284i	0.6802+0.0018i	-1.0535+2.3244i	2.1862-0.1550i
22.3	-0.1635-0.6967i	-2.4421+1.4774i	0.5440+0.2393i	-1.0393+2.6786i	1.0997+1.1064i	0.6916-0.0413i	-1.0808+2.6458i	2.2199-0.2537i
22.4	-0.1761-0.7652i	-2.3941+1.7127i	0.5508+0.2413i	-1.0237+3.0764i	1.1310+1.1908i	0.6963-0.0855i	-1.0664+3.0400i	2.2231-0.3737i
22.5	-0.2266-0.8277i	-2.3115+1.9359i	0.5620+0.2429i	-0.8651+3.4545i	1.1990+1.2629i	0.6914-0.1255i	-0.9121+3.4165i	2.2092-0.4795i
22.6	-0.3219-0.8756i	-2.1126+2.1431i	0.5794+0.2390i	-0.4809+3.8397i	1.3420+1.3255i	0.6631-0.1776i	-0.5322+3.8014i	2.1491-0.6053i
22.7	-0.4468-0.8802i	-1.7882+2.2325i	0.5973+0.2324i	0.1085+3.9760i	1.5203+1.3347i	0.6156-0.2005i	0.0556+3.9402i	2.0403-0.6464i
22.8	-0.5608-0.8626i	-1.5019+2.2187i	0.6151+0.2280i	0.6655+3.9952i	1.6576+1.3187i	0.5734-0.2064i	0.6053+3.9589i	1.9299-0.6476i
22.9	-0.7102-0.8054i	-1.0860+2.1541i	0.6348+0.2158i	1.4402+3.8359i	1.8380+1.2559i	0.5043-0.1984i	1.3743+3.7984i	1.7637-0.5934i
23.0	-0.7958-0.7146i	-0.8632+1.9854i	0.6485+0.2048i	1.9037+3.4708i	1.9587+1.1669i	0.4691-0.1682i	1.8364+3.4364i	1.6919-0.4939i
23.1	-0.8494-0.5902i	-0.6896+1.6817i	0.6751+0.1831i	2.1914+2.9288i	2.1285+0.9867i	0.4672-0.1299i	2.1203+2.8980i	1.7510-0.4019i
23.2	-0.8749-0.5009i	-0.6178+1.4772i	0.6861+0.1638i	2.3406+2.5403i	2.1939+0.8417i	0.4640-0.1075i	2.2657+2.5157i	1.7790-0.3580i
23.3	-0.8790-0.4050i	-0.6272+1.2862i	0.6921+0.1434i	2.4000+2.1200i	2.1956+0.6957i	0.4691-0.0830i	2.3230+2.1002i	1.8076-0.2974i
23.4	-0.8663-0.3165i	-0.6435+1.0759i	0.6933+0.1230i	2.3833+1.7232i	2.1831+0.5387i	0.4734-0.0619i	2.3055+1.7083i	1.8475-0.2554i
23.5	-0.8631-0.2476i	-0.6661+0.9586i	0.6992+0.1025i	2.3994+1.4284i	2.1830+0.4097i	0.4793-0.0507i	2.3205+1.4156i	1.8820-0.2499i
23.6	-0.8245-0.1868i	-0.7846+0.8604i	0.6970+0.0827i	2.2456+1.1729i	2.1390+0.2937i	0.4977-0.0470i	2.1696+1.1636i	1.9469-0.2702i
23.7	-0.7919-0.1337i	-0.8814+0.7554i	0.6945+0.0699i	2.1078+0.9259i	2.0803+0.1984i	0.5135-0.0365i	2.0299+0.9207i	1.9983-0.2577i
23.8	-0.7621-0.0965i	-0.9344+0.6941i	0.6890+0.0604i	1.9955+0.7744i	2.0091+0.1392i	0.5199-0.0326i	1.9188+0.7706i	2.0146-0.2654i
23.9	-0.7264-0.0681i	-1.0065+0.6807i	0.6827+0.0503i	1.8514+0.6671i	1.9338+0.0796i	0.5284-0.0377i	1.7778+0.6650i	2.0381-0.2926i
24.0	-0.7003-0.0462i	-1.0530+0.6688i	0.6775+0.0391i	1.7541+0.5769i	1.8611+0.0197i	0.5353-0.0403i	1.6844+0.5760i	2.0484-0.3165i
24.1	-0.6725-0.0286i	-1.0994+0.6191i	0.6740+0.0392i	1.6499+0.4966i	1.7888+0.0215i	0.5429-0.0361i	1.5809+0.4971i	2.0716-0.2975i
24.2	-0.6485-0.0093i	-1.1601+0.6155i	0.6732+0.0385i	1.5511+0.4085i	1.7385+0.0186i	0.5516-0.0319i	1.4829+0.4087i	2.1079-0.2818i
24.3	-0.6231+0.0024i	-1.2525+0.6003i	0.6732+0.0315i	1.4479+0.3621i	1.6807-0.0115i	0.5609-0.0339i	1.3787+0.3609i	2.1366-0.2962i
24.4	-0.6004+0.0123i	-1.3098+0.6023i	0.6700+0.0360i	1.3657+0.3154i	1.6203+0.0399i	0.5642-0.0261i	1.2968+0.3144i	2.1613-0.2594i
24.5	-0.5888+0.0201i	-1.3704+0.6134i	0.6707+0.0333i	1.2949+0.2878i	1.5857+0.0406i	0.5731-0.0297i	1.2270+0.2861i	2.2132-0.2608i

24.6	-0.5765+0.0301i	-1.4254+0.6108i	0.6768+0.0383i	1.2228+0.2535i	1.5628+0.0856i	0.5893-0.0241i	1.1556+0.2528i	2.2850-0.2393i
24.7	-0.5662+0.0362i	-1.4660+0.6338i	0.6915+0.0385i	1.1616+0.2355i	1.5879+0.0982i	0.6118-0.0246i	1.0919+0.2352i	2.3914-0.2501i
24.8	-0.5559+0.0485i	-1.5410+0.6615i	0.7080+0.0263i	1.1014+0.2093i	1.5998+0.0658i	0.6303-0.0360i	1.0290+0.2104i	2.4960-0.3065i
24.9	-0.5403+0.0629i	-1.6216+0.7035i	0.7135+0.0127i	1.0481+0.1965i	1.5645+0.0406i	0.6385-0.0521i	0.9761+0.2003i	2.5462-0.3959i
25.0	-0.5278+0.0741i	-1.6905+0.7257i	0.7171+0.0001i	0.9988+0.1804i	1.5332+0.0037i	0.6484-0.0642i	0.9284+0.1860i	2.5984-0.4690i
25.1	-0.5148+0.0844i	-1.7457+0.7771i	0.7210-0.0131i	0.9482+0.1680i	1.4976-0.0184i	0.6547-0.0801i	0.8775+0.1764i	2.6336-0.5422i
25.2	-0.4986+0.0940i	-1.8032+0.8381i	0.7187-0.0253i	0.9054+0.1614i	1.4371-0.0158i	0.6549-0.0926i	0.8343+0.1704i	2.6484-0.6140i
25.3	-0.4857+0.1016i	-1.8700+0.8902i	0.7161-0.0317i	0.8609+0.1552i	1.3532+0.0003i	0.6545-0.0993i	0.7905+0.1646i	2.6656-0.6746i
25.4	-0.4739+0.1108i	-1.9153+0.9733i	0.7159-0.0323i	0.8343+0.1460i	1.3052+0.0555i	0.6547-0.0980i	0.7638+0.1524i	2.6780-0.7039i
25.5	-0.4597+0.1218i	-1.9899+1.1021i	0.7161-0.0321i	0.7972+0.1436i	1.2571+0.1407i	0.6584-0.1012i	0.7283+0.1498i	2.7134-0.7541i
25.6	-0.4527+0.1327i	-2.0412+1.2214i	0.7150-0.0369i	0.7623+0.1488i	1.2088+0.1770i	0.6611-0.1096i	0.6950+0.1579i	2.7373-0.8380i
25.7	-0.4220+0.1469i	-2.0621+1.4211i	0.7170-0.0445i	0.7152+0.1535i	1.1762+0.2986i	0.6605-0.1177i	0.6483+0.1641i	2.7315-0.9481i
25.8	-0.3995+0.1479i	-2.0397+1.6053i	0.7162-0.0421i	0.6790+0.1568i	1.1560+0.4144i	0.6610-0.1142i	0.6115+0.1642i	2.7176-0.9854i
25.9	-0.3838+0.1449i	-1.9864+1.7452i	0.7180-0.0345i	0.6407+0.1751i	1.1452+0.5354i	0.6641-0.1088i	0.5743+0.1807i	2.7097-1.0019i
26.0	-0.3663+0.1472i	-1.9050+1.8633i	0.7324-0.0334i	0.6203+0.2031i	1.2317+0.6585i	0.6790-0.1113i	0.5519+0.2092i	2.7309-1.0498i
26.1	-0.3418+0.1515i	-1.7652+1.9831i	0.7394-0.0448i	0.6155+0.2246i	1.3408+0.7434i	0.6876-0.1249i	0.5458+0.2305i	2.7229-1.1374i
26.2	-0.3162+0.1484i	-1.5960+2.0803i	0.7431-0.0529i	0.6216+0.2412i	1.4792+0.8288i	0.6884-0.1335i	0.5516+0.2475i	2.7043-1.1953i
26.3	-0.2950+0.1489i	-1.5261+2.1667i	0.7417-0.0554i	0.6386+0.2519i	1.5747+0.8823i	0.6835-0.1372i	0.5676+0.2593i	2.6712-1.2341i
26.4	-0.2672+0.1329i	-1.4087+2.2459i	0.7432-0.0531i	0.6506+0.2523i	1.7006+0.9368i	0.6832-0.1333i	0.5796+0.2574i	2.6439-1.2334i
26.5	-0.2519+0.1162i	-1.3019+2.2824i	0.7519-0.0522i	0.6532+0.2348i	1.8247+0.9075i	0.6903-0.1285i	0.5829+0.2361i	2.6526-1.2608i
26.6	-0.2294+0.1067i	-1.2159+2.2937i	0.7592-0.0506i	0.6440+0.1987i	1.9227+0.8574i	0.6975-0.1260i	0.5708+0.1992i	2.6596-1.3047i
26.7	-0.2106+0.0937i	-1.1842+2.3698i	0.7671-0.0441i	0.6319+0.1719i	1.9782+0.8474i	0.7034-0.1179i	0.5545+0.1702i	2.6726-1.3271i
26.8	-0.2033+0.0589i	-1.1319+2.4101i	0.7919-0.0454i	0.5983+0.1654i	2.0803+0.8173i	0.7298-0.1178i	0.5159+0.1611i	2.7527-1.3468i
26.9	-0.1978+0.0365i	-1.0314+2.4895i	0.8063-0.0545i	0.5674+0.1710i	2.1322+0.7875i	0.7419-0.1267i	0.4831+0.1690i	2.7805-1.4241i
27.0	-0.1932+0.0069i	-0.9214+2.6187i	0.8116-0.0629i	0.5318+0.1796i	2.1460+0.7809i	0.7471-0.1311i	0.4464+0.1801i	2.7634-1.5164i
27.1	-0.1918-0.0183i	-0.7302+2.6992i	0.8153-0.0644i	0.5038+0.1898i	2.1747+0.8048i	0.7526-0.1291i	0.4131+0.1922i	2.7207-1.5807i
27.2	-0.1899-0.0496i	-0.5490+2.8596i	0.8322-0.0593i	0.4717+0.2181i	2.2636+0.8765i	0.7690-0.1243i	0.3787+0.2221i	2.7126-1.6472i
27.3	-0.2050-0.0807i	-0.3403+2.9506i	0.8496-0.0602i	0.4563+0.2523i	2.3799+0.9019i	0.7879-0.1235i	0.3605+0.2553i	2.6996-1.6997i
27.4	-0.2174-0.1117i	-0.0899+3.0198i	0.8711-0.0654i	0.4547+0.2811i	2.5316+0.9312i	0.8083-0.1218i	0.3528+0.2853i	2.6877-1.7694i
27.5	-0.2454-0.1312i	0.1999+2.9278i	0.8933-0.0730i	0.4709+0.3156i	2.7038+0.8989i	0.8335-0.1269i	0.3649+0.3252i	2.6495-1.7974i
27.6	-0.2695-0.1499i	0.4929+2.8608i	0.9136-0.0811i	0.4837+0.3420i	2.8617+0.8437i	0.8571-0.1304i	0.3737+0.3536i	2.6070-1.8333i
27.7	-0.3118-0.1632i	0.7683+2.5820i	0.9485-0.0938i	0.5281+0.3646i	3.0990+0.7242i	0.8923-0.1408i	0.4132+0.3807i	2.5884-1.8480i
27.8	-0.3366-0.1698i	0.9728+2.3914i	0.9714-0.1125i	0.5575+0.3724i	3.2516+0.6019i	0.9180-0.1593i	0.4399+0.3921i	2.5830-1.8708i
27.9	-0.3646-0.1674i	1.1196+2.2573i	0.9914-0.1346i	0.5918+0.3796i	3.3623+0.4582i	0.9383-0.1830i	0.4734+0.4041i	2.5686-1.9111i
28.0	-0.3902-0.1657i	1.1441+2.0847i	1.0131-0.1602i	0.6218+0.3736i	3.4516+0.2843i	0.9607-0.2056i	0.4979+0.4029i	2.5933-1.9361i
28.1	-0.4243-0.1659i	1.2450+1.8740i	1.0363-0.2039i	0.6719+0.3592i	3.5514+0.0362i	0.9782-0.2454i	0.5474+0.3974i	2.5790-2.0229i
28.2	-0.4642-0.1644i	1.3970+1.6931i	1.0375-0.2382i	0.7048+0.3353i	3.5567-0.1729i	0.9791-0.2774i	0.5808+0.3805i	2.4910-2.0981i
28.3	-0.5091-0.1364i	1.4605+1.4855i	1.0436-0.2676i	0.7354+0.2973i	3.5408-0.3504i	0.9884-0.3004i	0.6128+0.3472i	2.4308-2.0985i
28.4	-0.5186-0.1002i	1.4632+1.2124i	1.0502-0.2844i	0.7379+0.2580i	3.5107-0.4677i	0.9973-0.3140i	0.6164+0.3132i	2.4228-2.0557i
28.5	-0.5179-0.0871i	1.4036+1.0719i	1.0674-0.3024i	0.7361+0.2290i	3.5195-0.5651i	1.0190-0.3291i	0.6152+0.2907i	2.4920-2.0304i
28.6	-0.5324-0.0756i	1.3479+0.9176i	1.0863-0.3313i	0.7424+0.1974i	3.5372-0.7078i	1.0412-0.3490i	0.6211+0.2617i	2.5711-2.0477i
28.7	-0.5497-0.0614i	1.2835+0.7530i	1.0903-0.3684i	0.7337+0.1637i	3.5098-0.8736i	1.0551-0.3771i	0.6131+0.2322i	2.6018-2.1088i
28.8	-0.5663-0.0448i	1.2099+0.5911i	1.0982-0.4029i	0.7292+0.1356i	3.4850-1.0151i	1.0720-0.4056i	0.6073+0.2116i	2.6361-2.1766i
28.9	-0.5833-0.0273i	1.1503+0.4550i	1.1045-0.4531i	0.7258+0.1014i	3.4521-1.2099i	1.0862-0.4486i	0.6041+0.1858i	2.6557-2.2951i
29.0	-0.6011-0.0123i	1.1269+0.3410i	1.1039-0.4957i	0.7175+0.0767i	3.4044-1.3641i	1.0973-0.4843i	0.5980+0.1675i	2.6774-2.3852i
29.1	-0.6157+0.0079i	1.0823+0.2439i	1.0918-0.5337i	0.7028+0.0562i	3.3243-1.4944i	1.1000-0.5233i	0.5871+0.1542i	2.6785-2.4786i
29.2	-0.6353+0.0315i	0.9416+0.1286i	1.0812-0.5810i	0.6784+0.0389i	3.2135-1.6546i	1.1049-0.5762i	0.5682+0.1458i	2.6549-2.6277i
29.3	-0.6472+0.0518i	0.8938+0.0416i	1.0706-0.6122i	0.6607+0.0274i	3.1346-1.7544i	1.1065-0.6074i	0.5535+0.1387i	2.6408-2.7121i
29.4	-0.6507+0.0847i	0.8405+0.0088i	1.0272-0.6577i	0.6308+0.0038i	2.9433-1.8852i	1.0769-0.6571i	0.5306+0.1224i	2.5244-2.8309i
29.5	-0.6623+0.1084i	0.7180-0.0040i	0.9977-0.7041i	0.6123-0.0156i	2.8033-2.0280i	1.0620-0.7027i	0.5213+0.1090i	2.4355-2.9469i
29.6	-0.6668+0.1291i	0.5721-0.0774i	0.9670-0.7250i	0.5902-0.0242i	2.6543-2.0772i	1.0443-0.7269i	0.5105+0.1020i	2.3464-2.9917i
29.7	-0.6710+0.1559i	0.5065-0.0830i	0.9347-0.7429i	0.5596-0.0378i	2.5085-2.0939i	1.0293-0.7534i	0.4867+0.0894i	2.2581-3.0075i
29.8	-0.6857+0.1766i	0.4615-0.0445i	0.9107-0.7637i	0.5333-0.0322i	2.3901-2.1135i	1.0177-0.7820i	0.4681+0.0969i	2.2025-3.0510i
29.9	-0.6935+0.2113i	0.3100-0.1005i	0.8839-0.7866i	0.5162-0.0304i	2.2720-2.1412i	1.0038-0.8219i	0.4581+0.1010i	2.1482-3.1321i
30.0	-0.6907+0.2317i	0.2458-0.0955i	0.8467-0.8118i	0.4940-0.0274i	2.1550-2.1852i	0.9785-0.8577i	0.4439+0.1031i	2.0601-3.2025i
30.1	-0.7007+0.2537i	0.2000-0.0506i	0.7844-0.8221i	0.4585-0.0061i	1.9618-2.1598i	0.9351-0.8837i	0.4253+0.1184i	1.9072-3.1917i
30.2	-0.7100+0.2823i	0.0997-0.0263i	0.7373-0.8139i	0.4444+0.0155i	1.8309-2.0941i	0.8997-0.8972i	0.4185+0.1329i	1.7984-3.1779i
30.3	-0.7182+0.3057i	0.0098+0.0046i	0.7081-0.8127i	0.4334+0.0266i	1.7716-2.0818i	0.8793-0.9156i	0.4108+0.1392i	1.7599-3.1627i
30.4	-0.7229+0.3440i	0.0308+0.0190i	0.6829-0.8056i	0.4286+0.0408i	1.7103-2.0930i	0.8521-0.9314i	0.4065+0.1488i	1.7645-3.1597i
30.5	-0.7275+0.3837i	-0.0326+0.0675i	0.6611-0.8129i	0.4244+0.0513i	1.6188-2.1275i	0.8278-0.9537i	0.4044+0.1556i	1.7493-3.2112i
30.6	-0.7370+0.4208i	-0.2030+0.1028i	0.6285-0.8246i	0.4115+0.0645i	1.4635-2.1593i	0.8033-0.9795i	0.3973+0.1644i	1.6793-3.2917i
30.7	-0.7365+0.4507i	-0.2190+0.1572i	0.5756-0.8151i	0.3974+0.0645i	1.3053-2.1061i	0.7664-0.9785i	0.3879+0.1582i	1.5843-3.2991i
30.8	-0.7591+0.5143i	-0.3036+0.1349i	0.5245-0.7856i	0.3796+0.0886i	1.1508-1.9912i	0.7421-0.9845i	0.3691+0.1733i	1.4999-3.3211i

30.9	-0.7468+0.5744i	-0.3282+0.2233i	0.4929-0.7648i	0.3855+0.1058i	1.0542-1.8986i	0.7116-0.9906i	0.3742+0.1820i	1.4099-3.3227i
31.0	-0.7303+0.6163i	-0.2769+0.3018i	0.4432-0.7219i	0.3828+0.1411i	0.9246-1.7886i	0.6626-0.9790i	0.3708+0.2085i	1.2967-3.2733i
31.1	-0.7137+0.6963i	-0.3339+0.5426i	0.4016-0.6876i	0.3804+0.1760i	0.8320-1.6820i	0.6230-0.9988i	0.3672+0.2404i	1.2154-3.2856i
31.2	-0.6756+0.7426i	-0.3988+0.6912i	0.3793-0.6498i	0.3953+0.1962i	0.7743-1.5914i	0.5885-0.9957i	0.3797+0.2611i	1.1399-3.2831i
31.3	-0.6671+0.7901i	-0.5284+0.6034i	0.3835-0.5859i	0.4049+0.2229i	0.7555-1.4411i	0.5930-0.9705i	0.3846+0.2857i	1.1312-3.2478i
31.4	-0.6458+0.8429i	-0.4356+0.6395i	0.3792-0.5168i	0.4131+0.2560i	0.7266-1.2763i	0.5779-0.9455i	0.3921+0.3152i	1.0980-3.2014i
31.5	-0.6121+0.8925i	-0.3744+0.6708i	0.3861-0.4354i	0.4258+0.3074i	0.6984-1.1149i	0.5647-0.9253i	0.4047+0.3627i	1.0487-3.1509i
31.6	-0.5651+0.9641i	-0.3443+0.9728i	0.3936-0.3893i	0.4677+0.3487i	0.6774-1.0148i	0.5316-0.9398i	0.4459+0.4029i	0.9588-3.1498i
31.7	-0.4867+1.0383i	-0.1809+1.3732i	0.4236-0.3515i	0.5502+0.3768i	0.6816-0.8987i	0.4808-0.9560i	0.5210+0.4287i	0.8794-3.1548i
31.8	-0.4215+1.0854i	0.1257+1.3585i	0.4496-0.2760i	0.5949+0.4174i	0.7124-0.7316i	0.4523-0.9301i	0.5654+0.4662i	0.8113-3.0940i
31.9	-0.3444+1.0740i	0.6398+1.2604i	0.4580-0.2129i	0.6409+0.4320i	0.7376-0.6100i	0.3928-0.8761i	0.6108+0.4772i	0.7325-2.9564i
32.0	-0.2902+1.1084i	0.7675+1.0931i	0.5242-0.1595i	0.7145+0.4125i	0.8322-0.4243i	0.3903-0.8223i	0.6825+0.4578i	0.7284-2.8967i
32.1	-0.2036+1.1931i	0.5157+1.3217i	0.6338-0.1703i	0.8503+0.3532i	0.9288-0.3242i	0.3794-0.8295i	0.8163+0.4016i	0.6774-2.9447i
32.2	-0.0994+1.2239i	0.7365+1.3736i	0.6922-0.1497i	0.9240+0.3041i	1.0315-0.2080i	0.3478-0.7871i	0.8856+0.3502i	0.6037-2.8653i
32.3	-0.0076+1.2014i	1.0554+1.2127i	0.7304-0.1248i	0.9329+0.2523i	1.1584-0.1018i	0.3416-0.7185i	0.8965+0.2982i	0.5549-2.7347i
32.4	0.1010+1.1938i	1.3610+1.2615i	0.7668-0.1242i	0.9378+0.1646i	1.2835-0.0035i	0.3327-0.6567i	0.9030+0.2105i	0.4743-2.6313i
32.5	0.1875+1.1933i	1.4115+1.2827i	0.8464-0.1455i	0.9984+0.0622i	1.4124+0.0739i	0.3403-0.6063i	0.9610+0.1063i	0.4629-2.5667i
32.6	0.2551+1.1520i	1.6314+1.0762i	0.8933-0.1295i	0.9743-0.0037i	1.5599+0.1810i	0.3859-0.5227i	0.9305+0.0375i	0.5176-2.3930i
32.7	0.3505+1.0933i	1.7613+0.9340i	0.9502-0.1438i	0.9568-0.0829i	1.7422+0.2079i	0.4202-0.4582i	0.9118-0.0457i	0.5433-2.2309i
32.8	0.4156+1.0490i	1.9586+0.7288i	1.0022-0.1326i	0.9435-0.1534i	1.8893+0.2824i	0.4626-0.3751i	0.8974-0.1179i	0.6189-2.0612i
32.9	0.4138+0.9690i	2.2564+0.2891i	1.0173-0.0845i	0.8884-0.1788i	1.9839+0.3795i	0.5247-0.2724i	0.8387-0.1461i	0.7897-1.8610i
33.0	0.4867+0.8996i	2.3524+0.2450i	1.0903-0.0950i	0.8472-0.2023i	2.2651+0.4022i	0.6108-0.2497i	0.7923-0.1721i	0.9375-1.7518i
33.1	0.5163+0.8329i	2.3870+0.2293i	1.1514-0.1502i	0.8076-0.2282i	2.4926+0.2686i	0.6925-0.2695i	0.7450-0.1970i	1.1139-1.7487i
33.2	0.5230+0.7533i	2.5716-0.0284i	1.2505-0.1799i	0.7785-0.2554i	2.7981+0.1604i	0.8164-0.2494i	0.7047-0.2237i	1.4123-1.7446i
33.3	0.5286+0.7014i	2.7461-0.1196i	1.2884-0.2289i	0.7588-0.2546i	2.9661-0.0002i	0.8655-0.2859i	0.6833-0.2201i	1.5147-1.8219i
33.4	0.5242+0.6630i	2.8122-0.3179i	1.3653-0.3324i	0.7484-0.3013i	3.1725-0.2868i	0.9555-0.3393i	0.6643-0.2608i	1.7084-1.9900i
33.5	0.5397+0.6608i	2.5563-0.5171i	1.4616-0.4516i	0.7429-0.3675i	3.3519-0.5658i	1.0632-0.4067i	0.6528-0.3176i	1.8553-2.1985i
33.6	0.5138+0.6314i	2.6247-0.8024i	1.4252-0.5094i	0.6700-0.3706i	3.2863-0.7821i	1.1032-0.4415i	0.5795-0.3097i	1.8914-2.3403i
33.7	0.4941+0.6154i	2.5751-1.1836i	1.4358-0.5528i	0.6304-0.4005i	3.2572-0.9604i	1.1686-0.4479i	0.5364-0.3358i	1.9907-2.4603i
33.8	0.4414+0.6209i	2.5917-1.5677i	1.4142-0.5070i	0.6006-0.3862i	3.1540-0.9509i	1.2044-0.4210i	0.5072-0.3211i	2.0574-2.5063i
33.9	0.4126+0.6070i	2.6176-1.4301i	1.3098-0.5433i	0.5586-0.3715i	2.9091-1.0665i	1.1544-0.4837i	0.4692-0.3028i	1.9370-2.5943i
34.0	0.4019+0.6647i	2.4662-1.5986i	1.3441-0.5355i	0.5297-0.3541i	2.9280-1.0803i	1.2345-0.5227i	0.4394-0.2847i	1.9590-2.7579i
34.1	0.4410+0.7440i	2.1935-1.6382i	1.4213-0.5620i	0.5128-0.3543i	3.0195-1.0950i	1.3227-0.6004i	0.4233-0.2769i	1.9256-2.9737i
34.2	0.5018+0.8015i	2.1100-1.7403i	1.4934-0.5483i	0.5062-0.3381i	3.1094-1.0697i	1.3779-0.6384i	0.4210-0.2584i	1.8517-3.0431i
34.3	0.5636+0.8923i	2.0396-2.2426i	1.6721-0.4997i	0.5118-0.3266i	3.3797-1.0205i	1.5421-0.6384i	0.4187-0.2455i	1.9445-3.1302i
34.4	0.7028+0.9045i	1.9261-2.3342i	1.7761-0.5922i	0.5018-0.3393i	3.5245-1.2190i	1.6041-0.7391i	0.4093-0.2570i	1.8750-3.1796i
34.5	0.7721+0.8742i	2.0906-2.5405i	1.8247-0.5769i	0.4975-0.3257i	3.5836-1.2634i	1.6294-0.7266i	0.4041-0.2453i	1.8751-3.0564i
34.6	0.8774+0.8725i	1.9979-2.9354i	2.0077-0.6221i	0.4944-0.3270i	3.8301-1.3918i	1.7898-0.7719i	0.3918-0.2456i	2.0361-3.0675i
34.7	0.9560+0.7947i	2.1456-2.9235i	2.0186-0.6947i	0.4647-0.3316i	3.8041-1.5599i	1.7996-0.8176i	0.3587-0.2514i	2.0474-2.9808i
34.8	1.0392+0.6970i	1.8559-2.9173i	2.0525-0.8875i	0.4413-0.3430i	3.7802-1.8912i	1.8298-0.9805i	0.3359-0.2535i	2.0587-3.0856i
34.9	1.1540+0.6380i	1.3123-3.1900i	2.2167-1.1404i	0.4278-0.3681i	3.9206-2.3151i	1.9842-1.2086i	0.3178-0.2618i	2.2140-3.3448i
35.0	1.1848+0.5669i	1.3089-3.3871i	2.2421-1.2128i	0.4201-0.3541i	3.8560-2.4558i	2.0182-1.2705i	0.3063-0.2487i	2.3281-3.3757i
35.1	1.2172+0.4536i	1.1918-3.4664i	2.2167-1.3885i	0.3823-0.3504i	3.6759-2.6953i	2.0220-1.4168i	0.2719-0.2387i	2.4094-3.5050i
35.2	1.2470+0.4032i	1.0748-3.7520i	2.2847-1.4890i	0.3684-0.3445i	3.6701-2.8280i	2.1120-1.5098i	0.2515-0.2269i	2.5914-3.6265i
35.3	1.2684+0.3181i	0.8421-3.9520i	2.2802-1.6558i	0.3498-0.3214i	3.5503-3.0205i	2.1406-1.6857i	0.2344-0.1928i	2.7023-3.9149i
35.4	1.2573+0.2215i	0.4823-3.8033i	2.1586-1.8293i	0.3297-0.2896i	3.2527-3.1650i	2.0521-1.8816i	0.2215-0.1497i	2.6379-4.2497i
35.5	1.2422+0.1588i	0.2986-3.8598i	2.1080-1.9316i	0.3208-0.2671i	3.1035-3.1849i	2.0296-2.0019i	0.2140-0.1199i	2.6308-4.5093i
35.6	1.2308+0.1084i	0.1485-3.9441i	2.0384-2.0657i	0.3170-0.2408i	2.9606-3.1869i	1.9971-2.1754i	0.2110-0.0849i	2.5877-4.8900i
35.7	1.2354+0.0559i	-0.1317-3.7686i	1.9340-2.1852i	0.3221-0.2123i	2.8464-3.1914i	1.8998-2.3440i	0.2254-0.0535i	2.3650-5.2251i
35.8	1.2429+0.0322i	-0.3556-3.7556i	1.9080-2.2766i	0.3459-0.1920i	2.8346-3.1662i	1.8560-2.4961i	0.2519-0.0250i	2.1733-5.6041i
35.9	1.2500+0.0062i	-0.4575-3.7041i	1.8734-2.3482i	0.3860-0.1857i	2.8539-3.1901i	1.7811-2.6074i	0.2959-0.0118i	1.8806-5.8310i
36.0	1.2719-0.0316i	-0.4863-3.7280i	1.8226-2.4440i	0.4203-0.1929i	2.9279-3.3027i	1.6839-2.7256i	0.3328-0.0155i	1.4844-5.9619i
36.1	1.3229-0.0837i	-0.6247-3.6332i	1.7459-2.5739i	0.4487-0.2057i	2.9707-3.4573i	1.5558-2.8610i	0.3696-0.0234i	1.0208-6.0583i
36.2	1.3689-0.1353i	-0.5796-3.7264i	1.6942-2.6306i	0.4720-0.2258i	2.9724-3.6076i	1.4617-2.9069i	0.3978-0.0394i	0.7600-6.0132i
36.3	1.3942-0.2172i	-0.7047-3.7978i	1.6124-2.7263i	0.4880-0.2476i	2.8867-3.8380i	1.3489-2.9837i	0.4223-0.0557i	0.4980-5.9267i
36.4	1.4071-0.3089i	-0.8141-3.8591i	1.5388-2.8260i	0.4950-0.2786i	2.7787-4.0442i	1.2525-3.0619i	0.4376-0.0822i	0.2813-5.8637i
36.5	1.3931-0.4212i	-0.8943-3.8124i	1.4308-2.9104i	0.4984-0.3132i	2.5730-4.2272i	1.1404-3.1176i	0.4474-0.1165i	0.1016-5.7247i
36.6	1.3697-0.5032i	-1.0933-3.8308i	1.3219-2.9763i	0.4942-0.3347i	2.3584-4.3547i	1.0324-3.1717i	0.4514-0.1370i	-0.0728-5.6573i
36.7	1.3361-0.5829i	-1.3262-3.8678i	1.2286-3.0479i	0.4843-0.3599i	2.1537-4.4641i	0.9449-3.2426i	0.4494-0.1580i	-0.2144-5.5765i
36.8	1.3002-0.6813i	-1.4185-3.8912i	1.1322-3.1240i	0.4816-0.4009i	1.9406-4.5177i	0.8555-3.3122i	0.4525-0.1953i	-0.3262-5.4887i
36.9	1.2748-0.7371i	-1.5613-3.8795i	1.0422-3.1895i	0.4780-0.4246i	1.7877-4.5748i	0.7628-3.3809i	0.4543-0.2221i	-0.4712-5.4094i
37.0	1.2342-0.7921i	-1.6801-3.7534i	0.9688-3.1912i	0.4675-0.4544i	1.6552-4.5091i	0.6845-3.3866i	0.4508-0.2568i	-0.5354-5.2734i
37.1	1.1796-0.8857i	-1.8215-3.6814i	0.8735-3.2828i	0.4361-0.4856i	1.5407-4.5782i	0.5894-3.4827i	0.4221-0.2866i	-0.6070-5.2295i

37.2	1.1368-0.9677i	-1.9300-3.6733i	0.7830-3.3871i	0.4141-0.5245i	1.4201-4.6882i	0.5006-3.5868i	0.4065-0.3245i	-0.7079-5.1889i
37.3	1.0407-1.0562i	-2.1164-3.7353i	0.6093-3.4573i	0.3666-0.5745i	1.1796-4.7465i	0.3273-3.6634i	0.3702-0.3685i	-0.8456-5.1246i
37.4	0.9952-1.1029i	-2.2133-3.7950i	0.5194-3.5089i	0.3382-0.5965i	1.0442-4.8073i	0.2260-3.7240i	0.3477-0.3900i	-0.9194-5.0859i
37.5	0.9160-1.1502i	-2.4113-3.8587i	0.3902-3.5926i	0.2732-0.6257i	0.8641-4.9096i	0.0883-3.8218i	0.2900-0.4213i	-0.9980-4.9633i
37.6	0.8307-1.1871i	-2.5797-3.8713i	0.2320-3.6412i	0.2166-0.6446i	0.6754-5.0127i	-0.0751-3.8944i	0.2421-0.4427i	-1.0882-4.8343i
37.7	0.7366-1.2151i	-2.7585-3.7916i	0.0598-3.6431i	0.1449-0.6448i	0.3812-5.0282i	-0.2755-3.9187i	0.1768-0.4447i	-1.0570-4.7078i
37.8	0.6369-1.2371i	-2.9335-3.6839i	-0.0984-3.6324i	0.0779-0.6291i	0.0991-5.0134i	-0.4644-3.9261i	0.1151-0.4323i	-1.0423-4.6259i
37.9	0.4972-1.2246i	-3.0729-3.4244i	-0.2998-3.5824i	-0.0105-0.5894i	-0.3306-4.8976i	-0.7083-3.8859i	0.0339-0.3972i	-0.9657-4.5385i
38.0	0.3987-1.1877i	-3.2410-3.2842i	-0.4507-3.5556i	-0.0727-0.5568i	-0.6610-4.8067i	-0.9080-3.8624i	-0.0220-0.3669i	-0.9655-4.5139i
38.1	0.3411-1.0756i	-3.3336-3.1686i	-0.6535-3.4788i	-0.1285-0.4780i	-0.9735-4.5904i	-1.1714-3.7723i	-0.0706-0.2942i	-1.0240-4.4723i
38.2	0.3174-1.0040i	-3.5146-3.0594i	-0.7777-3.4107i	-0.1504-0.4017i	-1.1896-4.2990i	-1.3365-3.6685i	-0.0884-0.2230i	-1.0504-4.4473i
38.3	0.3379-0.9653i	-3.6095-3.0280i	-0.8370-3.3133i	-0.1600-0.3273i	-1.3549-4.0100i	-1.4374-3.5230i	-0.0955-0.1583i	-0.9706-4.3778i
38.4	0.3824-0.9282i	-3.6247-2.8780i	-0.8884-3.2127i	-0.1498-0.2599i	-1.4350-3.7741i	-1.5186-3.3917i	-0.0817-0.0956i	-0.8304-4.3238i
38.5	0.3875-0.9066i	-3.7854-2.6058i	-0.9872-3.1590i	-0.1363-0.1966i	-1.5576-3.5306i	-1.6452-3.3062i	-0.0692-0.0392i	-0.7535-4.3084i
38.6	0.3928-0.9273i	-3.9413-2.4459i	-1.0736-3.1184i	-0.1085-0.1344i	-1.6894-3.2025i	-1.7630-3.2033i	-0.0410+0.0199i	-0.6266-4.4714i
38.7	0.3973-0.9512i	-4.0227-2.4771i	-1.1168-3.1232i	-0.0847-0.1085i	-1.7109-2.9964i	-1.8141-3.1582i	-0.0176+0.0408i	-0.6068-4.6886i
38.8	0.4047-0.9664i	-4.1228-2.3465i	-1.2160-3.0850i	-0.0611-0.0690i	-1.7821-2.7136i	-1.9300-3.0679i	0.0101+0.0739i	-0.6122-4.8758i
38.9	0.3772-1.0035i	-4.2636-2.1163i	-1.3251-3.0372i	-0.0250-0.0396i	-1.8020-2.2941i	-2.0275-2.9316i	0.0503+0.1016i	-0.6897-5.1596i
39.0	0.3649-1.0250i	-4.2230-1.8247i	-1.4070-2.9278i	0.0129-0.0239i	-1.6913-1.9886i	-2.0887-2.7740i	0.0901+0.1117i	-0.8586-5.2821i
39.1	0.3642-1.0397i	-4.1535-1.6337i	-1.4906-2.8557i	0.0530-0.0171i	-1.4639-1.6934i	-2.1322-2.6459i	0.1285+0.1154i	-1.0931-5.4283i
39.2	0.3467-1.0782i	-4.1704-1.6311i	-1.5636-2.8567i	0.0759-0.0189i	-1.2527-1.5034i	-2.1527-2.6070i	0.1509+0.1149i	-1.2998-5.6036i
39.3	0.3224-1.1002i	-4.2412-1.3756i	-1.6895-2.7764i	0.1062-0.0044i	-1.0483-1.3798i	-2.2346-2.5173i	0.1831+0.1269i	-1.5611-5.6300i
39.4	0.2714-1.1394i	-4.2003-1.2061i	-1.7989-2.6603i	0.1306-0.0040i	-0.8881-1.2638i	-2.2980-2.3907i	0.2096+0.1233i	-1.8688-5.6501i
39.5	0.2030-1.1802i	-3.9539-1.1093i	-1.8329-2.5502i	0.1533-0.0304i	-0.6641-1.2358i	-2.2906-2.2762i	0.2316+0.0911i	-2.1378-5.5770i
39.6	0.1149-1.1666i	-4.0103-0.9351i	-1.9126-2.4155i	0.1450-0.0394i	-0.3950-1.2216i	-2.3444-2.1453i	0.2248+0.0734i	-2.4190-5.3035i
39.7	0.0570-1.1138i	-4.0808-0.9333i	-1.9434-2.3513i	0.1362-0.0115i	-0.3818-1.3781i	-2.3681-2.0708i	0.2183+0.1032i	-2.4663-5.1743i
39.8	0.0725-1.1008i	-3.7874-0.8339i	-1.9471-2.2474i	0.1884+0.0046i	-0.3859-1.2696i	-2.3308-1.9649i	0.2678+0.1158i	-2.5808-5.2093i
39.9	0.0639-1.0945i	-3.7893-0.7466i	-1.9955-2.1242i	0.2246-0.0029i	-0.2259-1.1994i	-2.3447-1.8688i	0.3061+0.1006i	-2.8431-5.0271i
40.0	0.0435-1.0812i	-3.7842-0.6705i	-2.0323-2.0187i	0.2384-0.0168i	-0.1000-1.1566i	-2.3629-1.7795i	0.3208+0.0797i	-3.0118-4.8255i
40.1	0.0253-1.0630i	-3.6099-0.6116i	-1.9984-1.8990i	0.2586-0.0259i	0.0107-1.1324i	-2.3198-1.6819i	0.3353+0.0669i	-3.0358-4.6628i
40.2	0.0081-1.0422i	-3.6080-0.5872i	-2.0186-1.7724i	0.2788-0.0366i	0.1717-1.1554i	-2.3308-1.5756i	0.3529+0.0551i	-3.1320-4.3992i
40.3	-0.0037-1.0477i	-3.5911-0.5438i	-2.0199-1.7085i	0.2912-0.0446i	0.2110-1.1501i	-2.3416-1.5232i	0.3649+0.0462i	-3.1539-4.2740i
40.4	-0.0087-1.0559i	-3.5252-0.3985i	-2.0214-1.6055i	0.3127-0.0603i	0.3420-1.1527i	-2.3546-1.4270i	0.3851+0.0266i	-3.1960-4.1240i
40.5	-0.0343-1.0339i	-3.4699-0.3347i	-1.9964-1.5073i	0.3185-0.0710i	0.4428-1.2028i	-2.3246-1.3526i	0.3899+0.0107i	-3.1921-3.9791i
40.6	-0.0279-1.0195i	-3.4236-0.2532i	-1.9549-1.4224i	0.3241-0.0875i	0.4691-1.3290i	-2.2981-1.2795i	0.3933-0.0119i	-3.1329-3.7756i
40.7	-0.0274-1.0330i	-3.3389-0.2117i	-1.8832-1.3632i	0.3342-0.1049i	0.5718-1.3282i	-2.2506-1.2034i	0.3969-0.0344i	-3.0301-3.6656i
40.8	0.0076-1.0248i	-3.5040-0.3091i	-1.9082-1.3541i	0.3515-0.1080i	0.6207-1.2836i	-2.3169-1.1738i	0.4067-0.0384i	-2.9137-3.6975i
40.9	0.0274-1.0623i	-3.4315-0.2407i	-1.8613-1.2903i	0.3785-0.1336i	0.7344-1.1769i	-2.2862-1.0808i	0.4297-0.0627i	-2.8926-3.7829i
41.0	-0.0027-1.1284i	-3.2757-0.1232i	-1.7924-1.2266i	0.3937-0.1550i	0.7875-1.1682i	-2.2220-0.9897i	0.4431-0.0836i	-2.8985-3.8425i
41.1	-0.0648-1.1829i	-3.2741-0.0296i	-1.7749-1.1928i	0.3966-0.1952i	0.9429-1.2337i	-2.1963-0.9097i	0.4459-0.1267i	-3.0424-3.8199i
41.2	-0.1371-1.1813i	-3.1648+0.0241i	-1.7251-1.1964i	0.3994-0.2458i	1.1557-1.2224i	-2.1266-0.8615i	0.4496-0.1769i	-3.2441-3.7743i
41.3	-0.2047-1.1268i	-3.1605-0.1673i	-1.7452-1.1591i	0.3378-0.2691i	1.2032-1.6192i	-2.0712-0.8429i	0.3847-0.1979i	-3.3769-3.4238i
41.4	-0.1634-1.1222i	-3.1566-0.1275i	-1.7309-1.0920i	0.3283-0.2382i	1.1302-1.5928i	-2.0712-0.7983i	0.3643-0.1661i	-3.1719-3.3262i
41.5	-0.2295-1.1826i	-3.1213-0.1032i	-1.7184-1.0793i	0.3278-0.2558i	1.2733-1.5238i	-2.0381-0.7533i	0.3651-0.1785i	-3.3784-3.5000i
41.6	-0.2914-1.1208i	-3.0124-0.1441i	-1.6895-1.0220i	0.2952-0.2711i	1.2393-1.7622i	-1.9718-0.7173i	0.3358-0.1993i	-3.4775-3.0630i
41.7	-0.2731-1.1360i	-3.0493-0.0725i	-1.6848-1.0114i	0.2815-0.2790i	1.4711-1.7035i	-1.9700-0.6702i	0.3086-0.2124i	-3.2115-3.0518i
41.8	-0.3270-1.1737i	-3.0910+0.2497i	-1.7069-0.9699i	0.2983-0.3356i	1.7051-1.8800i	-2.0085-0.5685i	0.3207-0.2647i	-3.3953-3.0583i
41.9	-0.4105-1.1475i	-3.0749+0.2266i	-1.6532-0.9393i	0.2611-0.3472i	1.6951-2.1835i	-1.9106-0.5274i	0.2877-0.2677i	-3.5025-2.8889i
42.0	-0.4468-1.0353i	-3.0567+0.2966i	-1.6057-0.9389i	0.2361-0.3217i	1.5667-2.3427i	-1.8396-0.5572i	0.2676-0.2442i	-3.4912-2.7088i
42.1	-0.4378-0.9858i	-3.1843+0.1364i	-1.6101-0.9514i	0.2554-0.3106i	1.5265-2.3561i	-1.8739-0.5587i	0.2815-0.2348i	-3.4175-2.5716i
42.2	-0.4005-0.9393i	-3.0372+0.1147i	-1.5859-0.9224i	0.2265-0.2972i	1.3396-2.5526i	-1.8150-0.5049i	0.2507-0.2135i	-3.1902-2.3485i
42.3	-0.3235-0.9377i	-2.8387+0.3410i	-1.5394-0.9143i	0.3156-0.3422i	1.1334-2.5538i	-1.7951-0.4460i	0.3413-0.2619i	-2.8816-2.2041i
42.4	-0.3459-0.9926i	-2.9363+0.1035i	-1.6210-0.9367i	0.2493-0.4855i	1.2296-2.7403i	-1.7519-0.4290i	0.2694-0.3909i	-2.7616-2.5172i
42.5	-0.4039-0.9801i	-3.0021+0.1410i	-1.6940-0.8971i	0.1137-0.4615i	1.2410-2.7160i	-1.6972-0.4285i	0.1387-0.3631i	-2.8508-2.6092i
42.6	-0.4375-0.9292i	-2.9862+0.1159i	-1.6936-0.8415i	0.0529-0.3875i	1.4093-2.6336i	-1.6604-0.4256i	0.0807-0.2920i	-3.1398-2.5843i
42.7	-0.3699-0.9150i	-2.9503+0.0367i	-1.6371-0.7814i	0.0415-0.3513i	1.3620-2.7502i	-1.6064-0.4106i	0.0731-0.2535i	-3.1534-2.3395i
42.8	-0.3616-0.9390i	-2.8424-0.0304i	-1.5987-0.7949i	0.0173-0.3587i	1.3872-2.7305i	-1.5728-0.3979i	0.0447-0.2627i	-3.0904-2.1925i
42.9	-0.3335-0.9173i	-2.9138+0.1935i	-1.6431-0.7318i	-0.0271-0.2992i	1.3686-3.1359i	-1.5478-0.3341i	-0.0038-0.2015i	-2.8785-2.0427i
43.0	-0.2547-0.9531i	-3.0444+0.3800i	-1.6474-0.6325i	-0.0097-0.2352i	1.0497-3.0906i	-1.5045-0.3401i	0.0198-0.1483i	-2.5963-2.2411i
43.1	-0.2585-1.0276i	-2.8848+0.3767i	-1.6075-0.6070i	-0.0022-0.2569i	1.1384-3.1307i	-1.4541-0.3530i	0.0202-0.1675i	-2.6549-2.3505i
43.2	-0.2728-1.1247i	-2.7367+0.4208i	-1.5082-0.5320i	0.0386-0.2195i	1.1214-3.2751i	-1.4108-0.3541i	0.0678-0.1242i	-2.8570-2.3743i
43.3	-0.3270-1.1461i	-2.7537+0.4425i	-1.4642-0.5290i	0.0509-0.2403i	1.0333-3.6296i	-1.3918-0.3616i	0.0834-0.1401i	-3.0172-1.9972i
43.4	-0.3599-1.1743i	-2.6189+0.3053i	-1.4122-0.5602i	0.0400-0.2293i	0.9317-3.4861i	-1.3434-0.3805i	0.0700-0.1359i	-2.6537-1.7817i

43.5	-0.3947-1.2245i	-2.5800+0.3850i	-1.4288-0.5197i	0.0176-0.2324i	0.8747-3.5161i	-1.3372-0.3276i	0.0456-0.1479i	-2.3914-1.7650i
43.6	-0.4585-1.2525i	-2.6735+0.3888i	-1.4654-0.5039i	-0.0650-0.2292i	0.8232-3.5467i	-1.2891-0.3307i	-0.0404-0.1326i	-2.1598-2.0036i
43.7	-0.5046-1.2946i	-2.5886+0.3837i	-1.3796-0.4768i	-0.0741-0.1469i	0.9522-3.5826i	-1.2089-0.4014i	-0.0502-0.0428i	-2.3480-2.2995i
43.8	-0.5769-1.4094i	-2.7319+0.3356i	-1.2653-0.4280i	-0.0290-0.0823i	0.5161-3.7593i	-1.1716-0.4020i	-0.0029+0.0162i	-2.2807-2.3543i
43.9	-0.7419-1.4358i	-2.4692+0.3233i	-1.1792-0.4633i	0.0316-0.0989i	0.2352-3.8507i	-1.1366-0.4126i	0.0598+0.0001i	-2.3657-2.3448i
44.0	-0.9543-1.3718i	-2.4341+0.3527i	-1.2195-0.5383i	0.0716-0.2040i	0.2602-4.1004i	-1.1832-0.4068i	0.1069-0.0956i	-2.7009-2.0964i
44.1	-0.9107-1.2358i	-2.4464+0.4847i	-1.2092-0.5320i	-0.0535-0.2045i	-0.2426-4.3518i	-1.0859-0.4454i	-0.0207-0.1082i	-2.2174-1.7811i
44.2	-0.9066-1.3074i	-2.3324+0.2508i	-1.1680-0.5310i	-0.1360-0.1384i	-1.1048-3.9256i	-1.0339-0.4905i	-0.0945-0.0425i	-1.6021-2.2465i
44.3	-1.1689-1.2520i	-2.3088+0.3502i	-1.1235-0.4514i	-0.1991-0.0692i	-1.2682-3.4443i	-0.9187-0.4510i	-0.1518+0.0241i	-1.7184-2.4911i
44.4	-1.2489-1.0666i	-2.0868+0.2919i	-1.1025-0.5110i	-0.1566-0.0258i	-1.0217-3.0852i	-0.9121-0.5315i	-0.1064+0.0652i	-2.0484-2.4854i
44.5	-1.1592-0.9098i	-2.0745+0.0522i	-1.1217-0.5838i	-0.1311-0.0347i	-0.6876-3.1921i	-0.9350-0.6189i	-0.0774+0.0457i	-2.1681-2.2098i
44.6	-1.0707-0.8550i	-1.9664+0.1873i	-1.1285-0.5487i	-0.1923+0.0918i	-1.1023-3.2181i	-0.9549-0.7246i	-0.1464+0.1714i	-2.0119-2.3323i
44.7	-1.0128-0.8498i	-1.9942+0.0325i	-1.0425-0.5277i	-0.1383+0.2110i	-1.2140-2.8025i	-0.9376-0.7806i	-0.0950+0.2817i	-1.8425-2.4420i
44.8	-0.9650-0.9535i	-2.0684-0.1911i	-1.0220-0.6170i	-0.0259+0.2582i	-0.9635-2.4871i	-1.0031-0.8809i	0.0065+0.3304i	-1.7597-2.6774i
44.9	-1.0925-0.9736i	-2.1904-0.1942i	-0.9943-0.7267i	0.0868+0.2849i	-0.4589-2.2601i	-1.0609-0.9884i	0.1053+0.3638i	-2.1510-2.9034i
45.0	-1.2255-0.9236i	-2.1067-0.0693i	-0.9329-0.8236i	0.1862+0.1792i	-0.2912-2.5872i	-1.0593-0.9544i	0.2030+0.2648i	-2.2000-2.6041i
45.1	-1.2696-0.7842i	-2.0395-0.0715i	-1.0048-0.9238i	0.1328+0.1130i	-0.5196-2.8367i	-1.0364-1.0136i	0.1494+0.2035i	-2.0206-2.6915i
45.2	-1.1734-0.6961i	-2.0207-0.1228i	-1.1234-0.9143i	0.0718+0.1494i	-0.6058-2.7280i	-1.0818-1.0809i	0.0951+0.2430i	-2.1421-2.8416i
45.3	-1.1160-0.7160i	-2.0542-0.1903i	-1.2217-0.8926i	0.0626+0.2002i	-0.7849-2.5648i	-1.1834-1.1358i	0.0936+0.2983i	-2.1546-2.8612i
45.4	-1.1594-0.7315i	-2.2769-0.3899i	-1.2360-0.8896i	0.1134+0.2410i	-0.8099-1.9743i	-1.2879-1.1561i	0.1369+0.3236i	-2.2501-2.9370i
45.5	-1.1280-0.6780i	-2.4057-0.4300i	-1.2579-0.8718i	0.2017+0.2321i	-0.1860-2.0069i	-1.3933-1.1016i	0.2164+0.3051i	-2.3073-2.6220i
45.6	-1.1812-0.7753i	-2.2017-0.4831i	-1.3206-0.9272i	0.3001+0.2861i	0.1059-2.3582i	-1.5071-1.2081i	0.3085+0.3763i	-2.3794-2.9968i
45.7	-1.2390-0.7712i	-2.2776-0.4191i	-1.3595-0.9351i	0.3856+0.2516i	0.1284-2.3312i	-1.6181-1.1963i	0.3993+0.3421i	-2.6566-2.9623i
45.8	-1.3700-0.7552i	-2.4928-0.3050i	-1.4863-0.8716i	0.4140+0.1557i	0.2725-2.7493i	-1.7621-1.0450i	0.4279+0.2549i	-2.7434-2.6545i
45.9	-1.4622-0.6172i	-2.2788-0.3902i	-1.5085-0.9328i	0.4631+0.1010i	0.1694-3.0797i	-1.8105-1.0449i	0.4760+0.2023i	-2.8032-2.4920i
46.0	-1.4047-0.4432i	-2.2417-0.3300i	-1.5630-0.9239i	0.4267+0.0342i	-0.3937-3.2098i	-1.8002-1.0168i	0.4394+0.1385i	-2.5585-2.3491i
46.1	-1.3575-0.4427i	-2.1782-0.3301i	-1.6288-0.8444i	0.3903+0.0517i	-0.8932-2.8479i	-1.8292-0.9803i	0.4100+0.1478i	-2.3093-2.4069i
46.2	-1.3840-0.3903i	-2.3394-0.4648i	-1.6432-0.7434i	0.3437+0.0799i	-0.5850-2.2943i	-1.8233-0.9243i	0.3538+0.1742i	-2.2612-2.6928i
46.3	-1.4081-0.2899i	-2.4752-0.3610i	-1.6553-0.6844i	0.3289+0.0712i	-0.2077-2.6091i	-1.8512-0.8623i	0.3413+0.1698i	-2.4314-2.6163i
46.4	-1.3408-0.1915i	-2.4426-0.4275i	-1.6977-0.6436i	0.2421+0.0454i	-0.3012-2.8546i	-1.8427-0.7783i	0.2539+0.1463i	-2.1438-2.3494i
46.5	-1.2710-0.1731i	-2.5203-0.5442i	-1.7237-0.5382i	0.2204+0.1551i	-0.7074-2.8996i	-1.8403-0.7434i	0.2338+0.2628i	-1.8210-2.6465i
46.6	-1.2828-0.1921i	-2.4863-0.6184i	-1.7156-0.4842i	0.2997+0.2460i	-1.0176-2.5143i	-1.8758-0.7474i	0.3140+0.3615i	-1.9113-2.9914i
46.7	-1.2556-0.1181i	-2.3833-0.6925i	-1.7086-0.4600i	0.3616+0.2846i	-0.8152-2.1973i	-1.8785-0.7367i	0.3726+0.4013i	-2.0498-3.1615i
46.8	-1.2228-0.1070i	-2.5059-0.7255i	-1.6971-0.2831i	0.4790+0.2962i	-0.5784-2.2209i	-1.8909-0.6563i	0.4899+0.4181i	-2.2454-3.4981i
46.9	-1.2913-0.1258i	-2.5381-0.7536i	-1.6625-0.2635i	0.6242+0.2067i	-0.3459-2.2351i	-1.9782-0.6284i	0.6305+0.3327i	-2.6383-3.5528i
47.0	-1.2429-0.0607i	-2.6398-0.7146i	-1.5788-0.2601i	0.6484+0.1039i	-0.2693-2.1628i	-1.9592-0.5777i	0.6641+0.2337i	-2.9105-3.3837i
47.1	-1.1723+0.0400i	-2.7303-0.6402i	-1.5616-0.2011i	0.5863+0.0556i	-0.1137-2.4792i	-1.9383-0.5109i	0.6084+0.1910i	-3.0567-3.1666i
47.2	-1.1622+0.0610i	-2.8725-0.5855i	-1.5541-0.1662i	0.6053+0.0223i	-0.2283-2.7616i	-1.9786-0.4508i	0.6287+0.1619i	-3.1572-2.9685i
47.3	-1.1360+0.0631i	-2.8416-0.5833i	-1.5060-0.1706i	0.5895-0.0258i	-0.5195-2.7668i	-1.9609-0.3941i	0.6179+0.1102i	-3.0721-2.6425i
47.4	-1.0757+0.1086i	-2.6256-0.5043i	-1.4842-0.1645i	0.5128-0.0315i	-0.8614-2.5349i	-1.8950-0.3495i	0.5487+0.0924i	-2.7783-2.5636i
47.5	-1.0015+0.1127i	-2.8742-0.5445i	-1.4730-0.0902i	0.5040+0.0784i	-0.8673-2.1359i	-1.8597-0.3423i	0.5384+0.1996i	-2.6240-2.7967i
47.6	-1.0298+0.0380i	-2.8299-0.4985i	-1.3529-0.0775i	0.7054+0.1101i	-0.2716-1.9098i	-1.8732-0.3586i	0.7359+0.2285i	-2.9361-2.8397i
47.7	-1.0473+0.0924i	-2.8599-0.4605i	-1.3612-0.1589i	0.7525-0.0867i	0.1636-2.5708i	-1.8878-0.3104i	0.7737+0.0374i	-2.8438-2.5354i
47.8	-1.0158+0.1676i	-2.9619-0.5253i	-1.3956-0.1177i	0.6066-0.1823i	-0.5631-2.9280i	-1.8513-0.2290i	0.6339-0.0484i	-2.5191-2.6132i
47.9	-0.9919+0.2132i	-2.9041-0.5414i	-1.4283-0.0989i	0.5309-0.1721i	-1.1190-2.6374i	-1.8546-0.2042i	0.5650-0.0361i	-2.3839-2.8627i
48.0	-0.9492+0.2278i	-2.8524-0.3035i	-1.3769-0.0875i	0.5864-0.1691i	-1.1277-2.2594i	-1.8345-0.1804i	0.6290-0.0400i	-2.5537-2.8757i
48.1	-0.8813+0.2767i	-3.0527-0.3493i	-1.3899-0.0355i	0.5590-0.1535i	-0.9457-1.9228i	-1.7901-0.1613i	0.5993-0.0205i	-2.4647-3.1572i
48.2	-0.8602+0.2621i	-3.1266-0.6914i	-1.4021+0.0219i	0.5961-0.1541i	-0.5125-2.0617i	-1.8178-0.1551i	0.6248-0.0163i	-2.7001-3.2345i
48.3	-0.8088+0.2725i	-3.2083-0.5676i	-1.3860+0.0367i	0.5094-0.2663i	-0.7020-1.9858i	-1.7709-0.1066i	0.5405-0.1312i	-2.5495-3.2160i
48.4	-0.7324+0.2442i	-3.0863-0.3488i	-1.3113+0.0696i	0.3927-0.2068i	-0.6921-1.7658i	-1.6702-0.1415i	0.4289-0.0752i	-2.5756-3.3321i
48.5	-0.7094+0.2304i	-2.9978-0.3647i	-1.2926+0.0465i	0.3585-0.1601i	-0.7901-1.8781i	-1.6672-0.1872i	0.3885-0.0260i	-2.4427-3.5012i
48.6	-0.6896+0.1979i	-2.9412-0.5391i	-1.2517+0.1521i	0.4078+0.0240i	-0.5535-1.1114i	-1.6864-0.2249i	0.4482+0.1570i	-2.8874-3.9853i
48.7	-0.6905+0.2113i	-3.0083-0.5693i	-1.1654+0.1517i	0.5210-0.0149i	0.0249-1.2837i	-1.7250-0.2024i	0.5604+0.1231i	-3.2621-3.8208i
48.8	-0.6684+0.2493i	-3.2551-0.5109i	-1.1351+0.0590i	0.4681-0.1429i	0.0837-1.9860i	-1.7193-0.1551i	0.5026-0.0092i	-3.1250-3.4725i
48.9	-0.5931+0.2222i	-3.1819-0.4029i	-1.1648+0.0494i	0.4196-0.0496i	-0.4417-1.9569i	-1.6912-0.1607i	0.4491+0.0866i	-2.9571-3.6490i
49.0	-0.5785+0.1714i	-3.2224-0.5420i	-1.1421+0.0904i	0.5170-0.0156i	-0.5070-1.5783i	-1.6938-0.1607i	0.5539+0.1235i	-3.1609-3.8040i
49.1	-0.5672+0.1844i	-3.3346-0.4552i	-1.1364+0.1385i	0.4720+0.0372i	-0.4598-1.2259i	-1.6572-0.1795i	0.5013+0.1782i	-3.1144-4.2032i
49.2	-0.5692+0.1514i	-3.2412-0.2085i	-1.0441+0.1381i	0.6048+0.0568i	0.0503-1.0884i	-1.6766-0.2115i	0.6282+0.1995i	-3.5826-4.3789i
49.3	-0.5565+0.1678i	-3.4114-0.1958i	-1.0075+0.0979i	0.6382-0.0847i	0.3148-1.4078i	-1.7046-0.1779i	0.6687+0.0677i	-3.8748-4.1261i
49.4	-0.5377+0.1987i	-3.1028-0.2696i	-1.0202+0.0811i	0.5427-0.1028i	0.3124-1.5202i	-1.7309-0.1771i	0.5855+0.0621i	-4.2142-4.1193i
49.5	-0.4979+0.1819i	-3.2230-0.2674i	-1.0300+0.1023i	0.4950+0.0357i	0.2298-1.2778i	-1.7051-0.1804i	0.5420+0.2002i	-4.2495-4.3422i
49.6	-0.4285+0.1747i	-3.6065-0.3530i	-0.9988+0.2003i	0.5754+0.1404i	0.7086-1.0243i	-1.7143-0.1672i	0.6209+0.3090i	-4.8597-4.4771i
49.7	-0.3691+0.1166i	-3.7212+0.0597i	-0.8978+0.2113i	0.7116+0.1013i	1.1944-1.4497i	-1.7725-0.1547i	0.7646+0.2667i	-5.3593-3.8419i

49.8	-0.3854+0.0601i	-3.5950+0.2495i	-0.8304+0.1310i	0.7470+0.0045i	1.1226-1.9581i	-1.7872-0.1277i	0.8083+0.1616i	-5.2075-3.2044i
49.9	-0.3809+0.0494i	-3.5183+0.2737i	-0.8780+0.0808i	0.6042+0.0385i	0.3632-2.0285i	-1.7312-0.1175i	0.6674+0.1979i	-4.5164-3.2398i
50.0	-0.3845-0.0039i	-3.3038+0.0824i	-0.8880+0.1302i	0.7164+0.1772i	0.5707-1.4561i	-1.7729-0.1606i	0.7762+0.3373i	-4.7200-3.7056i
50.1	-0.4021-0.0335i	-3.3316+0.1407i	-0.8172+0.1024i	0.8636+0.1399i	1.0623-1.4741i	-1.8189-0.1647i	0.9200+0.2997i	-5.0702-3.5998i
50.2	-0.4200-0.0407i	-3.1787+0.0161i	-0.8165+0.0592i	0.9050+0.0825i	1.2245-1.6459i	-1.8450-0.1385i	0.9620+0.2424i	-5.1747-3.4341i
50.3	-0.4302-0.0624i	-3.1896+0.0670i	-0.7581+0.0747i	1.0360+0.0458i	1.6051-1.8041i	-1.8745-0.0883i	1.0951+0.2093i	-5.6782-3.3202i
50.4	-0.4322-0.0674i	-3.1844+0.2178i	-0.7033+0.0170i	1.1842-0.0931i	1.9225-2.2493i	-1.9192-0.0495i	1.2474+0.0762i	-5.9952-2.8331i
50.5	-0.4639-0.0386i	-3.4232+0.2742i	-0.6684-0.0233i	1.2001-0.2578i	1.7195-2.5552i	-1.9003+0.0137i	1.2707-0.0888i	-5.9737-2.3600i
50.6	-0.4678-0.0124i	-3.7827+0.3681i	-0.6861-0.0617i	1.0320-0.4876i	1.1785-2.9206i	-1.8209+0.1546i	1.1082-0.3237i	-5.3808-1.9554i
50.7	-0.4473-0.0208i	-3.0369+0.2828i	-0.7820-0.1327i	0.8162-0.5070i	0.9131-2.7248i	-1.7686+0.1080i	0.8914-0.3429i	-4.8389-2.0981i
50.8	-0.4166-0.0586i	-2.5290+0.5188i	-0.7637-0.1048i	0.7266-0.3202i	1.3523-2.1918i	-1.7106+0.0077i	0.8002-0.1529i	-5.1268-2.6290i
50.9	-0.3519-0.0917i	-3.1085+0.6814i	-0.6891-0.0137i	0.7338-0.1194i	1.8135-2.0110i	-1.6941-0.0268i	0.8048+0.0470i	-5.4656-2.9244i
51.0	-0.3506-0.1264i	-3.0747+0.7107i	-0.6784-0.0272i	0.8173+0.0146i	1.8795-1.9955i	-1.7218-0.0806i	0.8897+0.1830i	-5.4920-3.0188i
51.1	-0.4017-0.1444i	-3.2676+0.6892i	-0.5565-0.0826i	1.0824-0.1183i	2.5888-2.6735i	-1.8090-0.0411i	1.1647+0.0476i	-6.3475-2.3877i
51.2	-0.3886-0.1159i	-3.0090+0.8196i	-0.6227-0.2359i	0.9254-0.3036i	1.8955-3.6324i	-1.7813+0.0339i	1.0063-0.1436i	-5.5704-1.5859i
51.3	-0.3145-0.1689i	-2.6460+0.5194i	-0.7682-0.1231i	0.7505+0.0418i	0.9813-2.7101i	-1.7004-0.0299i	0.8261+0.2072i	-4.7876-2.7363i
51.4	-0.3241-0.2662i	-2.6203+0.1409i	-0.6563+0.0577i	1.1748+0.3517i	2.1870-1.6200i	-1.8094-0.1569i	1.2492+0.5239i	-6.1010-3.7773i
51.5	-0.4574-0.2813i	-2.6371-0.1067i	-0.5076-0.0735i	1.6217-0.0420i	3.4728-2.8621i	-2.0172-0.0852i	1.7048+0.1328i	-7.3268-2.5299i
51.6	-0.5328-0.2866i	-2.6326+0.4830i	-0.4011-0.2768i	1.7879-0.5374i	3.7302-4.2947i	-2.0769+0.0640i	1.8826-0.3683i	-7.6691-0.9569i
51.7	-0.5466-0.2669i	-2.9793+1.2044i	-0.3847-0.3915i	1.6534-0.7919i	3.2471-4.7474i	-1.9772+0.1453i	1.7499-0.6366i	-7.1668-0.2566i
51.8	-0.5450-0.2340i	-2.6195+1.6865i	-0.4567-0.4896i	1.4849-0.9008i	3.0387-5.2112i	-1.9496+0.1420i	1.5772-0.7403i	-6.7232-0.1332i
51.9	-0.4842-0.2472i	-2.1877+1.7596i	-0.5294-0.5265i	1.3584-0.8694i	2.5461-5.4425i	-1.9635+0.0918i	1.4553-0.7089i	-6.5994-0.1394i
52.0	-0.4620-0.2942i	-2.8501+1.1814i	-0.4984-0.4574i	1.3853-0.7846i	2.3350-5.3392i	-1.9821+0.1316i	1.4857-0.6181i	-6.5738-0.2598i
52.1	-0.5370-0.3197i	-2.3682+1.6459i	-0.5010-0.5684i	1.4717-0.9115i	2.5537-5.5526i	-2.0559+0.1580i	1.5746-0.7506i	-6.7279+0.3106i
52.2	-0.5942-0.2683i	-1.6854+1.9148i	-0.6024-0.7010i	1.3575-1.2372i	2.1590-6.5365i	-2.0517+0.2932i	1.4596-1.0832i	-6.1394+1.2768i
52.3	-0.6032-0.2252i	-1.1258+1.8106i	-0.7880-0.7324i	1.0007-1.2910i	1.0146-6.7463i	-1.9633+0.3235i	1.0948-1.1419i	-5.0177+1.2919i
52.4	-0.5892-0.2241i	-0.7557+1.3412i	-0.8534-0.6573i	0.9827-1.1023i	0.7909-6.1745i	-1.9853+0.2602i	1.0788-0.9550i	-4.9868+0.7943i
52.5	-0.5899-0.2031i	-1.3435+0.5707i	-0.8141-0.6257i	1.0391-1.1822i	0.6758-6.4425i	-1.9994+0.3757i	1.1438-1.0352i	-4.9759+1.0995i
52.6	-0.5937-0.1771i	-0.6671+0.6698i	-0.9379-0.6406i	0.8034-1.1996i	-0.0485-6.3565i	-1.9310+0.4160i	0.9000-1.0545i	-4.0687+0.9272i
52.7	-0.6343-0.2069i	0.0739+1.6928i	-0.9883-0.6429i	0.8162-1.0197i	0.0856-5.4860i	-1.9008+0.2736i	0.9019-0.8823i	-3.9762+0.3600i
52.8	-0.6056-0.1700i	-0.7031+0.8364i	-0.9538-0.5514i	0.8369-1.0279i	0.1334-5.5538i	-1.8697+0.3206i	0.9281-0.8742i	-4.2237+0.1097i
52.9	-0.5550-0.1339i	-0.3924+1.1609i	-0.9803-0.5221i	0.7199-0.9477i	0.1405-5.4313i	-1.8538+0.2312i	0.8162-0.7989i	-4.2878-0.0096i
53.0	-0.4837-0.2028i	0.3814+1.3860i	-0.9209-0.5393i	0.9220-0.8710i	0.6055-5.6228i	-2.0135+0.1666i	1.0062-0.7261i	-4.4862+0.3762i
53.1	-0.4716-0.2694i	0.0831-0.0023i	-0.9155-0.5125i	1.0246-0.9672i	0.4913-5.9598i	-2.0966+0.3385i	1.1069-0.8060i	-4.2937+0.2033i
53.2	-0.5648-0.3110i	0.9150+0.3113i	-1.0074-0.6629i	0.9715-1.2593i	0.1304-6.7175i	-2.1667+0.4401i	1.0481-1.0945i	-3.7657+0.6128i
53.3	-0.6622-0.3268i	0.1005+0.3392i	-1.0044-0.6603i	0.8893-1.3231i	-0.3199-6.5000i	-2.0951+0.5283i	0.9713-1.1619i	-3.7074+0.4971i
53.4	-0.7167-0.2234i	0.4678-0.5804i	-1.0868-0.5771i	0.7529-1.2168i	-0.4167-6.2483i	-2.0418+0.5636i	0.8371-1.0459i	-3.5813-0.0249i
53.5	-0.6249-0.0887i	1.4396-0.5368i	-1.1711-0.5448i	0.7496-1.1259i	-0.4752-6.2871i	-2.0637+0.5114i	0.8294-0.9566i	-3.4780-0.0824i
53.6	-0.5482-0.1647i	1.8238-0.5174i	-1.1358-0.5837i	0.9043-1.2660i	-0.6027-6.4848i	-2.1658+0.5173i	0.9809-1.1029i	-3.3754+0.3410i
53.7	-0.6032-0.2206i	0.7127-1.0782i	-1.0685-0.5451i	0.9248-1.2660i	-0.5498-5.8016i	-2.1479+0.6019i	1.0086-1.0958i	-3.5163-0.3492i
53.8	-0.6710-0.1788i	1.9573-1.3927i	-1.1276-0.5845i	1.0302-1.3801i	0.5213-6.2958i	-2.3127+0.6833i	1.0981-1.2041i	-3.9508-0.3910i
53.9	-0.7130-0.1507i	1.5353-2.3530i	-1.1697-0.6422i	0.9306-1.7434i	0.1604-7.7004i	-2.2640+0.9643i	1.0055-1.5432i	-3.8953+0.2696i
54.0	-0.7017+0.0138i	1.6125-2.1136i	-1.3263-0.6375i	0.4775-1.7609i	-1.0329-7.9505i	-2.0180+0.9900i	0.5617-1.5547i	-3.1361+0.3357i
54.1	-0.5924+0.0559i	1.9488-1.0186i	-1.3854-0.5959i	0.2785-1.5268i	-1.8733-7.3448i	-1.8866+0.8325i	0.3710-1.3263i	-2.8210+0.0108i
54.2	-0.4398-0.0079i	2.3411-2.5187i	-1.3771-0.4674i	0.4453-1.4244i	-1.6256-7.1918i	-2.0149+0.9054i	0.5380-1.2137i	-3.2849-0.4525i
54.3	-0.3752-0.0693i	2.2448-3.5772i	-1.3858-0.4615i	0.4379-1.5780i	-1.8659-7.6701i	-2.0141+1.0610i	0.5377-1.3629i	-3.1841-0.0729i
54.4	-0.3042-0.1346i	1.8751-4.6465i	-1.4435-0.3830i	0.2486-1.5276i	-2.6666-7.5669i	-1.8931+1.1116i	0.3583-1.3036i	-2.7125-0.3960i
54.5	-0.2250-0.2202i	2.3732-5.9730i	-1.5255-0.2405i	0.1426-1.3538i	-3.1031-7.2083i	-1.8777+1.1368i	0.2512-1.1153i	-2.4319-1.1371i
54.6	-0.2491-0.3240i	1.8359-5.2979i	-1.5424-0.2343i	0.0520-1.3235i	-3.3850-6.8738i	-1.7945+1.1222i	0.1720-1.0909i	-2.4405-1.3066i
54.7	-0.2624-0.3729i	2.1646-4.9999i	-1.5331-0.1351i	0.0439-1.0851i	-3.3026-6.1792i	-1.7609+1.0096i	0.1653-0.8603i	-2.6016-1.6503i
54.8	-0.2762-0.5193i	2.2723-6.6071i	-1.4421-0.0265i	0.3081-1.0182i	-2.8095-6.2676i	-1.8734+1.0733i	0.4317-0.7775i	-3.2017-1.9874i
54.9	-0.3966-0.5645i	1.4260-6.4422i	-1.3602-0.1158i	0.4100-1.2911i	-2.9735-6.8752i	-1.8585+1.2036i	0.5454-1.0520i	-3.4250-1.3416i
55.0	-0.4507-0.6182i	0.6646-7.2048i	-1.3375-0.0546i	0.3294-1.2439i	-3.4404-6.5686i	-1.7382+1.2375i	0.4732-1.0041i	-3.3739-1.6289i
55.1	-0.5042-0.6252i	1.2436-7.3004i	-1.3964-0.0059i	0.1313-1.1923i	-3.9381-6.3593i	-1.6266+1.2470i	0.2871-0.9529i	-3.0273-1.8084i
55.2	-0.5677-0.6389i	1.2764-7.7622i	-1.3964+0.0339i	0.1076-1.1340i	-4.0096-6.1699i	-1.5934+1.2450i	0.2714-0.8895i	-3.1326-2.0895i
55.3	-0.6800-0.6698i	0.0667-8.5485i	-1.3141+0.1099i	0.1700-1.0675i	-4.2162-5.8316i	-1.5137+1.2562i	0.3477-0.8204i	-3.6246-2.3657i
55.4	-0.7504-0.6626i	-2.1277-9.8124i	-1.1351+0.2356i	0.3262-0.9454i	-4.2037-5.3454i	-1.4178+1.2631i	0.5264-0.7007i	-4.3641-2.6384i
55.5	-0.7917-0.6478i	-1.5034-9.6330i	-1.1426+0.2278i	0.3894-0.9714i	-3.9375-5.3732i	-1.4539+1.2646i	0.5833-0.7247i	-4.4376-2.6184i
55.6	-0.8518-0.6238i	-1.1085-10.3187i	-1.1046+0.2342i	0.4134-1.0883i	-4.0718-5.6582i	-1.4367+1.3341i	0.6121-0.8389i	-4.4928-2.4174i
55.7	-0.8966-0.6107i	-2.2901-10.3764i	-0.9881+0.2317i	0.4554-1.0695i	-4.2340-5.2953i	-1.3423+1.3018i	0.6736-0.8299i	-4.8247-2.4005i
55.8	-0.9653-0.6009i	-2.6700-11.7648i	-0.9328+0.2935i	0.4397-1.0291i	-4.4178-5.0442i	-1.2618+1.3156i	0.6731-0.7828i	-5.1273-2.6735i
55.9	-1.0469-0.5095i	-4.0572-12.5115i	-0.8271+0.2907i	0.4798-1.0365i	-4.4192-4.7567i	-1.1838+1.2870i	0.7292-0.8012i	-5.6065-2.5831i
56.0	-1.0183-0.5129i	-4.1523-11.0595i	-0.8079+0.2179i	0.4724-1.0346i	-4.3055-4.5455i	-1.1602+1.2093i	0.7163-0.8150i	-5.5414-2.4456i

56.1	-1.0650-0.5057i	-5.4723-10.6097i	-0.6966+0.1228i	0.6467-1.1114i	-3.9017-4.4886i	-1.1729+1.1400i	0.8975-0.9022i	-6.1120-2.0864i
56.2	-1.1330-0.4612i	-4.7712-11.0760i	-0.7191+0.1148i	0.5828-1.1766i	-4.1002-4.6178i	-1.1506+1.1680i	0.8402-0.9687i	-6.0395-1.9515i
56.3	-1.1396-0.4000i	-5.1066-11.5366i	-0.6823+0.0994i	0.5902-1.2062i	-4.1756-4.5370i	-1.1293+1.1611i	0.8470-1.0027i	-6.0496-1.7744i
56.4	-1.1437-0.3521i	-5.8957-11.7987i	-0.6237+0.0514i	0.6439-1.2656i	-4.0845-4.4867i	-1.1284+1.1445i	0.9013-1.0692i	-6.2192-1.5782i
56.5	-1.1475-0.2633i	-6.0170-12.4953i	-0.5943-0.0062i	0.6684-1.3399i	-4.0865-4.4509i	-1.1214+1.1318i	0.9359-1.1514i	-6.3622-1.4028i
56.6	-1.1163-0.2242i	-6.3223-12.5756i	-0.5730-0.0502i	0.6097-1.3500i	-4.1983-4.3331i	-1.0651+1.0776i	0.8797-1.1665i	-6.3148-1.2741i
56.7	-1.1003-0.2233i	-6.5710-12.4294i	-0.5679-0.1069i	0.6113-1.3537i	-4.1419-4.1888i	-1.0822+1.0118i	0.8783-1.1773i	-6.2832-1.2023i
56.8	-1.0812-0.2165i	-7.0999-12.8419i	-0.5496-0.1494i	0.5948-1.3937i	-4.2129-4.1523i	-1.0574+0.9924i	0.8648-1.2250i	-6.2991-1.0109i
56.9	-1.0215-0.2184i	-8.1429-12.8560i	-0.5553-0.2184i	0.5696-1.4703i	-4.2437-4.1090i	-1.0724+0.9853i	0.8424-1.3091i	-6.2848-0.7254i
57.0	-1.0081-0.1989i	-8.7898-13.0375i	-0.5626-0.2826i	0.5642-1.5265i	-4.1665-3.9871i	-1.0923+0.9711i	0.8301-1.3721i	-6.2324-0.6709i
57.1	-1.0224-0.2095i	-9.6360-12.7574i	-0.5706-0.2929i	0.5904-1.4348i	-3.9834-3.5569i	-1.1122+0.8930i	0.8540-1.2908i	-6.2782-0.8165i
57.2	-0.9626-0.2274i	-11.1107-13.7542i	-0.4483-0.3471i	0.9048-1.4600i	-3.1008-3.5945i	-1.2340+0.8591i	1.1728-1.3180i	-7.0596-0.5995i
57.3	-0.9984-0.2267i	-10.9788-13.7408i	-0.5061-0.4370i	0.8415-1.7004i	-3.2756-4.2580i	-1.2515+0.9511i	1.1054-1.5571i	-6.9149-0.1005i
57.4	-0.9950-0.2828i	-12.2966-13.4953i	-0.5689-0.5431i	0.7590-1.8635i	-3.5216-4.5687i	-1.2681+0.9787i	1.0174-1.7291i	-6.6230+0.2679i
57.5	-1.0198-0.3017i	-13.2609-13.3974i	-0.6229-0.6093i	0.6439-1.9925i	-3.7032-4.6780i	-1.2663+1.0176i	0.9050-1.8604i	-6.3995+0.4641i
57.6	-1.0520-0.3169i	-14.1490-13.3534i	-0.6548-0.6159i	0.5616-2.0227i	-3.9026-4.6305i	-1.2291+1.0403i	0.8211-1.8906i	-6.2211+0.4816i
57.7	-1.0941-0.2753i	-14.2918-13.4943i	-0.7340-0.5953i	0.3676-2.0214i	-4.1034-4.6269i	-1.1505+1.0770i	0.6239-1.8860i	-6.0253+0.4520i
57.8	-1.1762-0.3742i	-15.2938-12.5274i	-0.7972-0.6535i	0.2910-2.1167i	-4.2427-4.5967i	-1.1487+1.1066i	0.5403-1.9798i	-5.8198+0.4840i
57.9	-1.1704-0.4004i	-15.8198-12.2148i	-0.8302-0.6513i	0.2551-2.0733i	-4.3644-4.4518i	-1.1383+1.0763i	0.5063-1.9428i	-5.7726+0.5130i
58.0	-1.3011-0.4619i	-17.5165-12.2118i	-0.8460-0.6850i	0.2270-2.0998i	-4.4304-4.4121i	-1.1347+1.0722i	0.4838-1.9690i	-5.7634+0.5308i
58.1	-1.4141-0.4203i	-18.0408-12.4839i	-0.8464-0.7281i	0.2246-2.1778i	-4.4335-4.4479i	-1.1397+1.0906i	0.4832-2.0421i	-5.8334+0.5207i
58.2	-1.4904-0.3066i	-18.1784-11.3863i	-0.9141-0.7212i	0.1652-2.1810i	-4.4961-4.3591i	-1.1520+1.0937i	0.4175-2.0457i	-5.7291+0.4721i
58.3	-1.5284-0.2071i	-18.5087-10.6645i	-0.9569-0.6962i	0.0672-2.1389i	-4.5793-4.2110i	-1.1128+1.0817i	0.3245-2.0070i	-5.6405+0.4327i
58.4	-1.5936-0.1563i	-19.2718-9.1783i	-0.9989-0.7046i	0.0103-2.1334i	-4.6621-4.1004i	-1.1032+1.0636i	0.2671-1.9982i	-5.5466+0.2953i
58.5	-1.6063-0.0608i	-20.5359-8.9992i	-1.0356-0.7002i	0.0042-2.1344i	-4.6693-4.0238i	-1.1272+1.0614i	0.2619-1.9995i	-5.6558+0.2595i
58.6	-1.5540+0.0764i	-20.6186-8.2307i	-1.0957-0.7048i	-0.0947-2.1628i	-4.7180-4.0815i	-1.1094+1.0736i	0.1690-2.0298i	-5.7626+0.3734i
58.7	-1.5743+0.1428i	-21.4356-7.6603i	-1.1151-0.7315i	-0.1082-2.2293i	-4.6774-4.1759i	-1.1311+1.1008i	0.1573-2.0969i	-5.8271+0.4864i
58.8	-1.5294+0.2025i	-21.6654-6.5735i	-1.1557-0.6779i	-0.2041-2.1930i	-4.8320-4.0726i	-1.1017+1.1121i	0.0666-2.0561i	-5.7730+0.4580i
58.9	-1.5047+0.2540i	-22.4413-6.4489i	-1.2038-0.6636i	-0.3106-2.1693i	-4.9650-4.0247i	-1.0691+1.1134i	-0.0380-2.0340i	-5.7268+0.4172i
59.0	-1.4485+0.2603i	-22.5379-5.5242i	-1.1978-0.6634i	-0.3126-2.1756i	-4.9180-3.9483i	-1.0619+1.1054i	-0.0404-2.0461i	-5.7581+0.4267i
59.1	-1.4256+0.2836i	-21.7386-4.4872i	-1.2235-0.6236i	-0.3789-2.1099i	-5.0565-3.8412i	-1.0276+1.1042i	-0.0990-1.9797i	-5.7779+0.3864i
59.2	-1.3852+0.3298i	-22.0838-3.9275i	-1.2593-0.5979i	-0.4145-2.0732i	-5.1263-3.7954i	-1.0474+1.1140i	-0.1306-1.9420i	-5.9173+0.3624i
59.3	-1.4063+0.2911i	-22.0588-2.7370i	-1.2652-0.5733i	-0.3949-2.0691i	-5.1605-3.6717i	-1.0685+1.1131i	-0.1077-1.9383i	-5.9478+0.3321i
59.4	-1.4084+0.3734i	-21.9038-3.7083i	-1.2769-0.5662i	-0.4216-2.0177i	-5.2826-3.6474i	-1.0378+1.0960i	-0.1226-1.8892i	-6.1015+0.3685i
59.5	-1.3892+0.3979i	-22.7190-3.5067i	-1.2649-0.5567i	-0.3833-1.9844i	-5.3164-3.5733i	-1.0587+1.0759i	-0.0822-1.8630i	-6.2659+0.4005i
59.6	-1.3704+0.4840i	-22.5278-1.6422i	-1.2647-0.5548i	-0.4105-2.0573i	-5.3371-3.5051i	-1.0406+1.1287i	-0.1029-1.9418i	-6.3897+0.6076i
59.7	-1.3784+0.5354i	-21.9250-0.1447i	-1.2610-0.5386i	-0.4199-2.1223i	-5.3100-3.4296i	-1.0395+1.1891i	-0.1081-2.0061i	-6.4751+0.8023i
59.8	-1.3234+0.5028i	-21.8469+0.7204i	-1.2518-0.5258i	-0.3932-2.1219i	-5.3763-3.2823i	-1.0489+1.1890i	-0.0795-2.0146i	-6.4741+1.0294i
59.9	-1.2618+0.5325i	-21.2314+0.0895i	-1.2598-0.5259i	-0.4911-2.0522i	-5.3957-3.1890i	-0.9938+1.1352i	-0.1680-1.9606i	-6.5129+1.1064i
60.0	-1.3383+0.5208i	-20.6950+0.4593i	-1.2380-0.5489i	-0.4840-2.1486i	-5.2945-3.1337i	-0.9884+1.1805i	-0.1589-2.0723i	-6.4504+1.3092i
60.1	-1.3785+0.5486i	-20.4171+0.5578i	-1.2009-0.5975i	-0.3867-2.3181i	-5.1332-3.0836i	-1.0219+1.2541i	-0.0699-2.2369i	-6.5039+1.5386i
60.2	-1.3922+0.6014i	-20.1257+1.1373i	-1.2194-0.6350i	-0.5024-2.4441i	-5.0979-3.0711i	-0.9615+1.3062i	-0.1989-2.3714i	-6.3808+1.8426i
60.3	-1.4337+0.6521i	-19.6979+0.6798i	-1.2453-0.6587i	-0.5963-2.4415i	-5.0919-3.0375i	-0.9293+1.2844i	-0.2939-2.3711i	-6.2411+1.9046i
60.4	-1.4390+0.7229i	-19.4104+0.1400i	-1.2514-0.6633i	-0.6346-2.3719i	-5.1074-2.9562i	-0.9148+1.2418i	-0.3361-2.3088i	-6.0762+1.9193i
60.5	-1.3990+0.8144i	-19.2565-0.0072i	-1.2760-0.6925i	-0.7186-2.4490i	-5.0678-2.9200i	-0.8854+1.2485i	-0.4216-2.3872i	-5.9465+1.9713i
60.6	-1.3235+0.9112i	-19.6352-0.2728i	-1.3184-0.7264i	-0.8089-2.5031i	-5.0795-2.9539i	-0.8608+1.2429i	-0.5105-2.4406i	-5.8383+1.9909i
60.7	-1.1837+0.9535i	-20.3879-1.0695i	-1.3807-0.7322i	-0.9407-2.4565i	-5.1449-2.9756i	-0.8379+1.2140i	-0.6460-2.3944i	-5.8313+2.0226i
60.8	-1.1156+0.9656i	-20.5799-0.9455i	-1.4452-0.7205i	-1.1245-2.3910i	-5.1622-2.9928i	-0.7822+1.1902i	-0.8346-2.3259i	-5.6649+1.9858i
60.9	-1.0767+0.9453i	-21.3491-0.2550i	-1.4443-0.7619i	-1.1195-2.5201i	-5.0586-2.8784i	-0.7890+1.2254i	-0.8324-2.4661i	-5.6168+2.2003i
61.0	-1.0631+0.9183i	-22.0899+0.3478i	-1.4714-0.8003i	-1.1959-2.6183i	-4.9656-2.8977i	-0.7624+1.2397i	-0.9206-2.5681i	-5.4272+2.3012i
61.1	-1.0094+0.9852i	-21.6751+0.6804i	-1.5332-0.7695i	-1.3445-2.4970i	-5.0545-2.9643i	-0.7233+1.2001i	-1.0718-2.4354i	-5.3095+2.1260i
61.2	-0.9553+1.0370i	-21.7283+0.2053i	-1.5694-0.7580i	-1.3627-2.4170i	-5.1169-2.9575i	-0.7366+1.1711i	-1.0861-2.3558i	-5.3351+2.0877i
61.3	-0.8847+1.0485i	-23.1717-0.2885i	-1.6353-0.7558i	-1.4818-2.3562i	-5.1829-2.9579i	-0.7230+1.1154i	-1.2036-2.2969i	-5.2170+2.0274i
61.4	-0.8145+1.0470i	-23.2853-0.0848i	-1.6591-0.7257i	-1.5237-2.2664i	-5.2223-2.9438i	-0.7172+1.0724i	-1.2442-2.2027i	-5.1730+1.9184i
61.5	-0.7537+1.0544i	-23.3301+0.9560i	-1.6787-0.6886i	-1.5371-2.1869i	-5.1830-2.9008i	-0.7257+1.0490i	-1.2617-2.1188i	-5.0806+1.7950i
61.6	-0.6900+0.9981i	-24.3513+0.8496i	-1.7232-0.6548i	-1.6091-2.1018i	-5.3063-2.9011i	-0.7223+1.0271i	-1.3340-2.0308i	-5.0319+1.8156i
61.7	-0.6592+0.9544i	-24.4190+0.4446i	-1.7276-0.6372i	-1.5914-2.0397i	-5.3445-2.9049i	-0.7403+1.0014i	-1.3115-1.9656i	-5.0699+1.7521i
61.8	-0.6297+0.9049i	-25.4206+0.4981i	-1.7302-0.6091i	-1.5707-2.0020i	-5.3980-2.8562i	-0.7761+0.9861i	-1.2912-1.9276i	-5.1397+1.6812i
61.9	-0.6260+0.8892i	-26.2856+0.7940i	-1.7417-0.6234i	-1.5911-2.0939i	-5.3658-2.8395i	-0.7891+1.0200i	-1.3115-2.0203i	-5.1921+1.7111i
62.0	-0.6658+0.9052i	-26.3085+1.9573i	-1.7541-0.6201i	-1.6268-2.0605i	-5.2991-2.7808i	-0.7861+0.9948i	-1.3534-1.9906i	-5.0620+1.6821i
62.1	-0.6594+0.9240i	-26.4401+0.8456i	-1.7595-0.6049i	-1.6255-1.9692i	-5.3695-2.7804i	-0.8070+0.9662i	-1.3482-1.8918i	-5.1496+1.6016i
62.2	-0.6321+0.9601i	-26.9068+0.9192i	-1.7615-0.5903i	-1.5748-1.9809i	-5.3362-2.7259i	-0.8414+0.9705i	-1.2981-1.8968i	-5.1681+1.5155i
62.3	-0.5971+0.9796i	-27.1658+1.5519i	-1.7761-0.5673i	-1.5697-1.9719i	-5.3299-2.6216i	-0.8671+0.9550i	-1.2954-1.8906i	-5.2006+1.4173i

62.4	-0.5481+1.0094i	-28.0446+2.4801i	-1.8237-0.5802i	-1.7254-1.9840i	-5.3801-2.6696i	-0.8282+0.9714i	-1.4434-1.9024i	-5.1810+1.5394i
62.5	-0.4982+1.0498i	-28.1014+3.1048i	-1.8293-0.5672i	-1.6998-1.9477i	-5.3886-2.6493i	-0.8525+0.9613i	-1.4126-1.8623i	-5.1893+1.4370i
62.6	-0.4481+1.0626i	-28.7482+3.7013i	-1.8465-0.5640i	-1.6969-1.9887i	-5.3483-2.6644i	-0.8779+0.9862i	-1.4108-1.9014i	-5.2190+1.4077i
62.7	-0.4105+1.0595i	-29.7216+3.3519i	-1.8491-0.5732i	-1.6893-2.0263i	-5.2878-2.6398i	-0.8958+0.9760i	-1.4098-1.9372i	-5.1873+1.3083i
62.8	-0.3751+1.0457i	-30.4837+3.3573i	-1.8476-0.5937i	-1.6959-2.0886i	-5.2765-2.6339i	-0.9201+1.0037i	-1.4148-2.0015i	-5.2962+1.3567i
62.9	-0.2915+1.0883i	-31.1241+4.1549i	-1.8707-0.6059i	-1.7398-2.1939i	-5.2671-2.6735i	-0.9188+1.0432i	-1.4567-2.0970i	-5.3461+1.3018i
63.0	-0.2467+1.0485i	-32.3584+4.2400i	-1.8801-0.6173i	-1.7446-2.3194i	-5.2755-2.6474i	-0.9445+1.0866i	-1.4473-2.2208i	-5.4754+1.2802i
63.1	-0.1829+0.9751i	-32.0438+4.5488i	-1.9028-0.5824i	-1.8090-2.2027i	-5.3288-2.6365i	-0.9561+1.0364i	-1.5082-2.0993i	-5.5637+1.1938i
63.2	-0.1085+0.9607i	-32.1988+5.0690i	-1.9496-0.5706i	-2.0474-2.1704i	-5.3246-2.7208i	-0.9095+1.0437i	-1.7451-2.0653i	-5.6275+1.2115i
63.3	-0.0911+0.9443i	-32.8964+6.8639i	-1.9766-0.5841i	-2.1952-2.2632i	-5.2363-2.7566i	-0.9076+1.0732i	-1.8948-2.1598i	-5.6795+1.1729i
63.4	-0.0382+0.9087i	-33.8620+7.7116i	-2.0010-0.6072i	-2.3521-2.3495i	-5.1229-2.8129i	-0.8954+1.0975i	-2.0530-2.2489i	-5.7352+1.1619i
63.5	0.0096+0.8530i	-33.6264+7.4784i	-2.0136-0.6000i	-2.3812-2.2991i	-5.2299-2.8456i	-0.9088+1.0811i	-2.0696-2.1952i	-5.8573+1.1229i
63.6	0.0295+0.8200i	-34.1124+7.8027i	-2.0363-0.5954i	-2.4796-2.2817i	-5.2113-2.8545i	-0.9139+1.0857i	-2.1623-2.1745i	-6.0082+1.0656i
63.7	0.0581+0.8336i	-35.6052+9.1022i	-2.0700-0.5939i	-2.6123-2.3042i	-5.1521-2.9473i	-0.9397+1.1222i	-2.2901-2.1873i	-6.1590+1.0217i
63.8	0.0906+0.8157i	-35.6939+10.1404i	-2.1068-0.5941i	-2.8407-2.1467i	-5.1615-3.0911i	-0.9017+1.0893i	-2.5145-2.0242i	-6.2861+1.0471i
63.9	0.1125+0.7613i	-36.9421+10.2834i	-2.1192-0.5891i	-2.9277-2.0079i	-5.1522-3.1556i	-0.9095+1.0519i	-2.6023-1.8886i	-6.3880+1.0414i
64.0	0.1775+0.7824i	-38.4579+10.3372i	-2.1402-0.6099i	-2.9568-2.0397i	-5.1483-3.2538i	-0.9328+1.0633i	-2.6261-1.9124i	-6.5537+0.9529i
64.1	0.2309+0.8096i	-38.2703+12.0111i	-2.1773-0.6292i	-3.0690-2.0353i	-5.1349-3.4011i	-0.9596+1.0872i	-2.7347-1.8995i	-6.7751+0.9353i
64.2	0.3443+0.7719i	-39.5408+13.0458i	-2.2419-0.6403i	-3.3087-1.9963i	-5.2039-3.5887i	-0.9521+1.1275i	-2.9621-1.8609i	-7.0319+1.1849i
64.3	0.4134+0.7019i	-40.1454+13.7313i	-2.2552-0.6301i	-3.4313-1.9199i	-5.1780-3.6723i	-0.9500+1.1379i	-3.0802-1.7877i	-7.1610+1.3367i
64.4	0.4750+0.6490i	-40.1146+14.6282i	-2.2738-0.6593i	-3.5420-1.8260i	-5.2270-3.9124i	-0.9520+1.1190i	-3.1831-1.6846i	-7.3278+1.3484i
64.5	0.5662+0.5400i	-40.2923+16.4387i	-2.3400-0.6711i	-3.6843-1.5872i	-5.3972-4.1604i	-0.9373+1.0629i	-3.3176-1.4443i	-7.3533+1.4217i
64.6	0.5651+0.4324i	-41.5343+17.4107i	-2.3731-0.6545i	-3.7620-1.4550i	-5.5260-4.2071i	-0.9654+1.0759i	-3.3890-1.3155i	-7.4572+1.5901i
64.7	0.5886+0.3869i	-42.9751+17.7103i	-2.4089-0.6746i	-3.7898-1.4247i	-5.5825-4.3384i	-1.0116+1.0854i	-3.4128-1.2800i	-7.5626+1.6697i
64.8	0.6592+0.3474i	-44.7577+19.9456i	-2.4927-0.7116i	-3.9639-1.2919i	-5.7795-4.6448i	-1.0232+1.0881i	-3.5730-1.1323i	-7.7102+1.7599i
64.9	0.7167+0.2412i	-43.3115+21.5386i	-2.5722-0.6760i	-4.1829-1.0850i	-6.0354-4.7820i	-1.0020+1.1246i	-3.7725-0.9266i	-7.8473+2.0969i
65.0	0.7775+0.1495i	-45.5534+22.1441i	-2.6396-0.6643i	-4.3262-0.9010i	-6.2582-4.8859i	-1.0110+1.1310i	-3.9042-0.7464i	-7.9303+2.3123i
65.1	0.8192+0.0751i	-46.0962+23.5874i	-2.6922-0.6639i	-4.3662-0.7386i	-6.5097-5.0092i	-1.0241+1.1547i	-3.9313-0.5855i	-8.0318+2.4157i
65.2	0.8245-0.0210i	-46.2248+23.7974i	-2.7422-0.6189i	-4.4043-0.5195i	-6.7987-4.9877i	-1.0276+1.1569i	-3.9555-0.3731i	-8.0650+2.5843i
65.3	0.8536-0.2102i	-47.0471+26.6670i	-2.8379-0.5840i	-4.4523-0.2368i	-7.1508-5.2351i	-1.0896+1.1298i	-3.9920-0.0795i	-8.1216+2.6883i
65.4	0.9336-0.3418i	-46.6318+30.4087i	-2.8846-0.5711i	-4.5269+0.0240i	-7.3832-5.4634i	-1.1061+1.1223i	-4.0569+0.1877i	-8.1240+2.7955i
65.5	0.9966-0.4347i	-46.1549+32.3457i	-2.9444-0.5519i	-4.5683+0.1525i	-7.7340-5.5021i	-1.1665+1.1783i	-4.0773+0.3141i	-8.3988+2.8079i
65.6	0.9529-0.5625i	-48.2971+30.7537i	-2.9630-0.5620i	-4.6007+0.3331i	-7.8141-5.4324i	-1.2516+1.1992i	-4.0987+0.4855i	-8.5553+2.9591i
65.7	0.9655-0.7028i	-49.7996+33.4855i	-3.0321-0.5395i	-4.6112+0.7177i	-8.1442-5.5727i	-1.2418+1.2069i	-4.1014+0.8625i	-8.5262+3.1797i
65.8	0.9329-0.8614i	-51.4937+36.4712i	-3.1118-0.5322i	-4.4619+1.0125i	-8.5461-5.6603i	-1.2717+1.2485i	-3.9385+1.1510i	-8.6212+3.4256i
65.9	0.8695-1.0709i	-50.5627+39.1335i	-3.2164-0.5021i	-4.3655+1.3520i	-9.0438-5.6455i	-1.2910+1.3192i	-3.8192+1.4809i	-8.7195+3.7593i
66.0	0.8007-1.2693i	-52.2020+43.3538i	-3.3118-0.4643i	-4.2369+1.6728i	-9.4345-5.6360i	-1.3181+1.3971i	-3.6780+1.7938i	-8.7060+4.0989i
66.1	0.6636-1.4013i	-52.4973+44.4115i	-3.3757-0.4148i	-3.9177+1.8251i	-9.8099-5.4845i	-1.3425+1.4464i	-3.3475+1.9349i	-8.6068+4.2585i
66.2	0.5953-1.6035i	-53.5333+47.7728i	-3.4847-0.3758i	-3.7459+1.9999i	-10.2771-5.3956i	-1.3652+1.5341i	-3.1530+2.0986i	-8.7267+4.5591i
66.3	0.5170-1.7595i	-52.6079+48.8528i	-3.5254-0.3521i	-3.5334+2.1337i	-10.6431-5.3253i	-1.3937+1.5921i	-2.9277+2.2291i	-8.7493+4.5842i
66.4	0.4251-1.9265i	-52.4816+48.7635i	-3.6012-0.3532i	-3.3481+2.1717i	-11.0427-5.2873i	-1.4133+1.6744i	-2.7275+2.2598i	-8.8697+4.7324i
66.5	0.2430-2.0390i	-53.0602+51.1177i	-3.6711-0.3124i	-3.1097+2.2886i	-11.3645-5.1006i	-1.4122+1.7225i	-2.4820+2.3665i	-8.7608+4.8964i
66.6	0.0405-2.1548i	-53.1582+57.4796i	-3.7326-0.2254i	-2.8725+2.4427i	-11.6778-4.8441i	-1.3410+1.7938i	-2.2449+2.5105i	-8.4126+5.0813i
66.7	-0.1278-2.2123i	-54.8496+58.7573i	-3.7696-0.1697i	-2.6097+2.3960i	-11.8134-4.5302i	-1.3182+1.8499i	-1.9780+2.4496i	-8.2966+5.1623i
66.8	-0.3712-2.3162i	-52.1259+62.8246i	-3.8625-0.0596i	-2.3266+2.4792i	-12.2747-4.1433i	-1.2532+1.9494i	-1.6862+2.5117i	-8.2195+5.4545i
66.9	-0.6247-2.4402i	-51.5641+71.0715i	-4.0015-0.0047i	-2.0998+2.5580i	-12.7811-3.9956i	-1.1945+2.0102i	-1.4406+2.5789i	-8.2098+5.5820i
67.0	-0.8395-2.4986i	-49.7207+76.0396i	-4.1302+0.0418i	-1.8748+2.4873i	-13.2158-3.8663i	-1.1798+2.0459i	-1.1898+2.5163i	-8.3872+5.4700i
67.1	-1.0458-2.5523i	-51.5367+79.0702i	-4.2291+0.1047i	-1.7320+2.4923i	-13.5503-3.6992i	-1.1397+2.0925i	-1.0320+2.5179i	-8.4723+5.5502i
67.2	-1.3277-2.5175i	-48.6371+79.3505i	-4.2890+0.2241i	-1.5469+2.3705i	-13.8227-3.2075i	-1.0693+2.1168i	-0.8359+2.3641i	-8.4704+5.7574i
67.3	-1.5510-2.4281i	-42.7431+80.8752i	-4.3271+0.3645i	-1.3200+2.2866i	-14.0188-2.6394i	-1.0020+2.1036i	-0.6016+2.2511i	-8.3903+5.9453i
67.4	-1.8127-2.4715i	-40.4629+87.6624i	-4.4603+0.4709i	-1.0917+2.3287i	-14.5586-2.3487i	-0.9970+2.1180i	-0.3529+2.2826i	-8.6175+6.1054i
67.5	-2.0757-2.3166i	-34.9431+93.0926i	-4.5336+0.5833i	-0.8430+2.2185i	-14.7851-2.1274i	-0.9083+2.1120i	-0.0950+2.1708i	-8.5181+6.0795i
67.6	-2.3600-2.1802i	-30.1264+98.6141i	-4.5641+0.7453i	-0.6742+2.0937i	-15.0302-1.5414i	-0.8237+2.1183i	0.0825+2.0194i	-8.3926+6.3873i
67.7	-2.5816-2.0924i	-28.2628+106.6045i	-4.6326+0.8736i	-0.5343+2.0592i	-15.2498-1.2120i	-0.7667+2.1092i	0.2286+1.9649i	-8.2744+6.6469i
67.8	-2.7902-1.9952i	-26.8046+115.4095i	-4.7632+0.9862i	-0.3693+1.9907i	-15.5081-0.9524i	-0.7586+2.0994i	0.4039+1.8736i	-8.3014+6.8246i
67.9	-2.9379-1.9348i	-23.3448+116.1979i	-4.8971+1.0683i	-0.3810+1.8860i	-15.9129-0.8051i	-0.7862+2.1543i	0.4223+1.7503i	-8.6778+7.1380i
68.0	-2.9955-1.6559i	-19.6151+116.0428i	-4.8730+1.1736i	-0.2434+1.6254i	-15.8526-0.5014i	-0.8033+2.1301i	0.5583+1.4870i	-8.5744+7.1060i
68.1	-3.0737-1.4847i	-10.7476+119.6714i	-4.8480+1.2779i	-0.0840+1.4871i	-15.9029-0.1979i	-0.7706+2.0152i	0.7086+1.3469i	-8.3057+6.8858i
68.2	-3.2897-1.3056i	-2.5349+128.7235i	-4.9616+1.4803i	0.0518+1.3757i	-16.3765+0.2493i	-0.7698+1.9845i	0.8593+1.2154i	-8.2746+7.0091i
68.3	-3.3412-1.0811i	1.6371+125.2525i	-4.9703+1.6273i	0.1193+1.0951i	-16.5634+0.8381i	-0.8527+2.0448i	0.9430+0.9035i	-8.5473+7.2429i
68.4	-3.3880-0.8213i	10.9694+123.3918i	-4.9262+1.8596i	0.1958+0.8469i	-16.5461+1.6745i	-0.8418+2.1045i	1.0162+0.6081i	-8.3887+7.6695i
68.5	-3.4291-0.6884i	22.4425+125.1509i	-4.9715+2.0192i	0.2261+0.6464i	-17.0058+2.0143i	-0.8462+2.1189i	1.0701+0.3948i	-8.5418+7.7665i
68.6	-3.5210-0.5603i	31.1385+132.4645i	-5.1116+2.2310i	0.2294+0.4200i	-17.6384+2.5624i	-0.8836+2.1993i	1.1112+0.1423i	-8.9092+7.9732i

68.7	-3.5162-0.3424i	42.6112+126.8340i	-5.0059+2.4128i	0.2156+0.1562i	-17.5313+3.2009i	-0.9076+2.1903i	1.0961-0.1453i	-8.9575+7.9454i
68.8	-3.5154-0.2134i	49.8186+122.4259i	-4.9548+2.5039i	0.1969-0.0065i	-17.4837+3.4443i	-0.9373+2.1830i	1.0736-0.3154i	-8.8611+7.8306i
68.9	-3.5340-0.0466i	60.1811+123.7536i	-4.9592+2.7078i	0.0946-0.1986i	-17.6140+4.0842i	-0.9200+2.2533i	0.9754-0.5310i	-8.8487+8.1085i
69.0	-3.5710+0.0990i	71.7949+124.9339i	-4.9379+2.8963i	-0.0028-0.3887i	-17.7764+4.6353i	-0.9137+2.3179i	0.8886-0.7406i	-8.9009+8.1879i
69.1	-3.6092+0.3046i	70.4232+116.5469i	-4.8677+3.1191i	-0.1439-0.5925i	-17.7043+5.5647i	-0.9553+2.4586i	0.7402-0.9993i	-9.0103+8.7110i
69.2	-3.6727+0.5222i	82.1048+117.0231i	-4.9601+3.3675i	-0.2458-0.7592i	-18.1854+6.3990i	-1.0420+2.5616i	0.6759-1.2118i	-9.6406+9.1047i
69.3	-3.5360+0.7117i	87.8483+108.6493i	-4.7883+3.4537i	-0.4432-0.9076i	-17.9200+6.9010i	-0.9407+2.5740i	0.4677-1.3820i	-9.5313+9.2487i
69.4	-3.4467+0.7335i	93.6846+95.9621i	-4.7956+3.5208i	-0.6477-1.0827i	-17.8979+7.1621i	-1.0042+2.6785i	0.2839-1.5803i	-10.0020+9.5338i
69.5	-3.3027+0.8299i	103.6808+89.3014i	-4.6594+3.6633i	-0.8962-1.1564i	-17.5794+7.8186i	-0.9416+2.8025i	0.0244-1.7008i	-9.9641+10.0591i
69.6	-3.3060+0.7964i	107.1597+82.8046i	-4.7011+3.7570i	-1.1084-1.2389i	-17.7172+8.1530i	-0.9364+2.9432i	-0.1773-1.8115i	-10.2276+10.5756i
69.7	-3.3441+0.7787i	110.7079+86.9123i	-4.6775+3.8104i	-1.1758-1.3427i	-17.7688+8.3996i	-0.8783+3.0386i	-0.2491-1.9206i	-10.2352+10.8504i
69.8	-3.4256+0.8938i	103.9060+74.2683i	-4.5716+4.0526i	-1.4761-1.2632i	-17.4346+9.3925i	-0.7031+3.2383i	-0.5874-1.9171i	-9.8409+12.0010i
69.9	-3.4713+1.0948i	105.8412+70.3159i	-4.4140+4.3369i	-1.7790-1.1512i	-16.8377+10.5010i	-0.4336+3.3724i	-0.9369-1.8742i	-9.0590+12.8763i
70.0	-3.5485+1.2763i	105.3895+53.2890i	-4.3456+4.5677i	-2.1121-1.1868i	-16.7900+11.4219i	-0.2990+3.5577i	-1.2795-1.9703i	-8.9210+13.7370i
70.1	-3.6202+1.4349i	108.6820+46.0676i	-4.3343+4.7244i	-2.3403-1.2641i	-16.8656+12.0053i	-0.1960+3.6025i	-1.5112-2.0806i	-8.9010+14.1162i
70.2	-3.7316+1.5620i	116.7713+41.4703i	-4.4615+4.9021i	-2.5481-1.2873i	-17.2792+12.5759i	-0.1183+3.6732i	-1.6967-2.1363i	-9.2101+14.5633i
70.3	-3.6238+1.8870i	111.7152+32.6933i	-4.1827+5.1733i	-2.8230-1.0174i	-16.2989+13.6574i	0.2200+3.7004i	-2.0416-1.9161i	-8.1192+15.3335i
70.4	-3.6288+2.2228i	112.9995+22.6870i	-4.0713+5.5273i	-3.2404-0.7792i	-16.0420+14.7432i	0.4731+3.7294i	-2.4876-1.7367i	-7.6567+16.1567i
70.5	-3.4711+2.3259i	110.8138+23.6256i	-3.9596+5.5446i	-3.2645-0.5728i	-15.6245+14.6772i	0.5671+3.5610i	-2.5411-1.5187i	-7.3847+15.9297i
70.6	-3.3074+2.5973i	107.9468+10.6968i	-3.7233+5.9294i	-3.4748-0.1746i	-14.9953+15.9658i	0.8196+3.5177i	-2.7893-1.1893i	-6.7662+16.9311i
70.7	-3.2648+2.8305i	111.5105+2.1798i	-3.6770+6.3359i	-3.7464+0.0440i	-15.1711+17.1368i	0.9256+3.5150i	-3.0556-1.0295i	-6.8394+17.7478i
70.8	-3.0572+2.9505i	113.8201-6.8649i	-3.3792+6.4809i	-3.6691+0.4495i	-14.5718+17.6860i	0.9742+3.2679i	-3.0178-0.6372i	-6.2782+17.8456i
70.9	-2.8672+2.9793i	112.4148-8.2412i	-3.1464+6.4693i	-3.5354+0.6079i	-13.9129+17.8713i	0.9892+3.0817i	-2.9202-0.4802i	-5.7364+17.7541i
71.0	-2.5827+3.1748i	105.8023-14.6495i	-2.6023+6.7435i	-3.4622+0.9312i	-12.5068+19.3071i	1.1019+3.0450i	-2.9223-0.2198i	-4.6281+18.6977i
71.1	-2.3883+3.2284i	102.2845-17.4611i	-2.2760+6.7687i	-3.3625+1.1019i	-11.4062+19.7135i	1.1231+2.9471i	-2.8850-0.0566i	-3.7615+18.8195i
71.2	-2.1732+3.2020i	91.7942-19.9298i	-1.9454+6.6943i	-3.2544+1.1416i	-10.0349+19.9221i	1.1590+2.9123i	-2.8473-0.0237i	-2.7266+18.9091i
71.3	-1.9808+3.2535i	87.4998-27.1754i	-1.5784+6.7565i	-3.1646+1.2180i	-8.6995+20.4672i	1.1962+2.9456i	-2.8209+0.0319i	-1.7602+19.2748i
71.4	-1.7585+3.2458i	79.4913-30.9789i	-1.1857+6.6990i	-3.0620+1.3784i	-7.1034+20.5875i	1.3024+2.8675i	-2.8007+0.1915i	-0.5193+19.2857i
71.5	-1.7144+3.3715i	79.3884-32.8115i	-1.0656+6.9037i	-3.2450+1.5242i	-6.6024+21.3109i	1.3699+2.9442i	-3.0109+0.3016i	0.0141+19.8878i
71.6	-1.5224+3.3306i	75.5413-35.0275i	-0.7565+6.8459i	-3.1993+1.8053i	-5.3808+21.1761i	1.3747+2.8450i	-3.0296+0.5957i	0.8827+19.4831i
71.7	-1.3656+3.3097i	70.3635-39.4456i	-0.5061+6.8102i	-3.1684+1.9270i	-4.5250+21.1124i	1.3939+2.8264i	-3.0384+0.7175i	1.4314+19.4396i
71.8	-1.3035+3.2795i	63.9700-40.4731i	-0.3225+6.8126i	-3.1672+2.1301i	-3.7294+21.0516i	1.4843+2.8834i	-3.0773+0.9127i	2.1160+19.6477i
71.9	-1.0740+3.2796i	57.4258-42.4536i	0.1451+6.7377i	-2.9688+2.4208i	-2.0883+20.9862i	1.6538+2.8139i	-2.9664+1.2119i	3.5407+19.3915i
72.0	-0.9285+3.2778i	53.6803-43.8964i	0.4793+6.6029i	-2.7110+2.5956i	-0.8877+20.5110i	1.7353+2.7114i	-2.7769+1.4182i	4.5984+18.7146i
72.1	-0.8874+3.1967i	51.3669-41.4752i	0.5686+6.4558i	-2.5638+2.6035i	-0.4880+19.9049i	1.7315+2.6826i	-2.6467+1.4661i	4.8151+18.1957i
72.2	-0.8052+3.1364i	47.4028-40.8172i	0.7573+6.3439i	-2.4000+2.7321i	0.0930+19.5553i	1.7407+2.6897i	-2.5094+1.6155i	5.1103+17.8832i
72.3	-0.6508+3.1011i	40.5999-44.2303i	1.1221+6.1879i	-2.0753+2.8035i	1.3289+19.1956i	1.8523+2.7047i	-2.2525+1.7031i	5.9919+17.6090i
72.4	-0.4956+3.0269i	31.8054-40.3551i	1.4894+5.8558i	-1.7671+2.8237i	2.8004+18.2539i	2.0575+2.5900i	-2.0230+1.7760i	7.2078+16.7863i
72.5	-0.5371+3.0650i	32.4769-43.0622i	1.5216+5.8823i	-1.6865+2.8711i	2.7071+18.2003i	2.0748+2.6207i	-1.9311+1.8207i	7.1648+16.7552i
72.6	-0.5038+2.9761i	30.9898-39.9085i	1.6123+5.6003i	-1.4765+2.7929i	3.1728+17.1777i	2.1595+2.5124i	-1.7502+1.8000i	7.5284+16.0022i
72.7	-0.3937+2.9146i	24.7548-37.8929i	1.8228+5.2635i	-1.2410+2.6179i	3.9962+16.3022i	2.3026+2.3987i	-1.5672+1.6730i	8.2921+15.2022i
72.8	-0.3136+2.9676i	21.7429-37.0367i	2.0102+5.1416i	-1.0884+2.5491i	4.6261+16.0138i	2.4276+2.3322i	-1.4390+1.6197i	8.8723+14.8727i
72.9	-0.2817+2.9659i	21.5542-35.3897i	1.9939+5.0160i	-1.0649+2.5045i	4.5313+15.5202i	2.4015+2.2521i	-1.4126+1.5945i	8.7644+14.4360i
73.0	-0.1686+2.9254i	17.6134-34.8699i	2.1180+4.7735i	-0.9505+2.4041i	5.0912+14.7179i	2.4901+2.1289i	-1.3271+1.5353i	9.2105+13.7212i
73.1	-0.0947+2.9551i	16.3447-34.2591i	2.1455+4.6746i	-0.9419+2.3553i	5.2219+14.3651i	2.5636+2.0456i	-1.3223+1.5116i	9.3719+13.2955i
73.2	0.0138+2.9315i	15.5399-32.7353i	2.1775+4.5050i	-0.9127+2.2509i	5.3093+13.8361i	2.5980+1.9334i	-1.2914+1.4383i	9.4047+12.7536i
73.3	0.0621+2.8501i	15.1726-28.4768i	2.1250+4.2908i	-0.9615+2.1391i	5.2936+13.0521i	2.6036+1.8007i	-1.3382+1.3733i	9.3745+12.0854i
73.4	0.1212+2.8630i	14.0106-28.0013i	2.1623+4.2447i	-1.0281+2.0031i	5.5351+12.7489i	2.7269+1.8042i	-1.4161+1.2514i	9.6177+11.9616i
73.5	0.1964+2.8562i	13.0897-27.7664i	2.1863+4.2005i	-1.0872+2.0176i	5.5387+12.4573i	2.7798+1.7312i	-1.4802+1.2747i	9.7073+11.7632i
73.6	0.3115+2.7534i	11.5703-27.4626i	2.2250+4.0353i	-1.0384+2.0171i	5.5655+11.9658i	2.7344+1.5884i	-1.4343+1.3053i	9.6475+11.1335i
73.7	0.4030+2.6789i	9.3115-25.7588i	2.2906+3.8865i	-0.9835+1.9647i	5.7417+11.4697i	2.7612+1.4798i	-1.3894+1.2768i	9.7901+10.6840i
73.8	0.4490+2.5728i	8.9176-22.7778i	2.2435+3.7242i	-1.0317+1.9967i	5.7123+10.9482i	2.7311+1.2997i	-1.4405+1.3298i	9.7711+10.1698i
73.9	0.4569+2.4770i	9.4055-20.7930i	2.1506+3.5507i	-1.0909+2.0312i	5.3059+10.3377i	2.6679+1.0997i	-1.4748+1.4013i	9.5064+9.4759i
74.0	0.4678+2.4336i	9.5922-19.7205i	2.1071+3.4733i	-1.1336+2.0630i	5.0845+9.9360i	2.6312+0.9948i	-1.5051+1.4595i	9.4067+9.0687i
74.1	0.4877+2.3711i	8.0352-19.3301i	2.1215+3.4312i	-1.1005+2.1567i	5.1094+9.8668i	2.6058+0.9297i	-1.4854+1.5466i	9.4278+9.0173i
74.2	0.5172+2.3276i	6.8377-16.4118i	2.1137+3.3565i	-1.1257+2.1666i	5.1804+9.6505i	2.6360+0.8256i	-1.5175+1.5641i	9.5155+8.7196i
74.3	0.5430+2.2905i	7.1199-15.1260i	2.1238+3.2811i	-1.0352+2.2291i	5.1344+9.3489i	2.5726+0.7204i	-1.4210+1.6517i	9.5006+8.2476i
74.4	0.5799+2.2604i	6.1921-14.7050i	2.1150+3.1796i	-1.0156+2.2910i	5.1084+9.0391i	2.5380+0.5768i	-1.4018+1.7335i	9.4815+7.8108i
74.5	0.5835+2.2325i	5.1078-13.9014i	2.1261+3.1518i	-0.9947+2.2781i	5.2375+8.9993i	2.5524+0.5598i	-1.3929+1.7208i	9.5437+7.7735i
74.6	0.5888+2.1790i	6.3731-13.1146i	2.0877+3.1033i	-0.9252+2.2663i	5.0612+8.8771i	2.4369+0.5371i	-1.3081+1.7184i	9.2490+7.5431i
74.7	0.6451+2.1498i	5.7054-12.3643i	2.1084+3.0507i	-0.9001+2.3092i	5.1163+8.7130i	2.4189+0.4334i	-1.2853+1.7712i	9.2662+7.2742i
74.8	0.6736+2.1243i	6.3145-10.5554i	2.0977+2.9805i	-0.8844+2.3890i	5.0715+8.4191i	2.3793+0.2712i	-1.2688+1.8681i	9.2529+6.8102i
74.9	0.7273+2.1131i	5.5061-9.8240i	2.2121+2.9502i	-0.7943+2.4797i	5.4507+8.3379i	2.3988+0.1820i	-1.2136+1.9658i	9.6028+6.6141i

75.0	0.7606+2.0738i	4.9010-8.3174i	2.2154+2.8679i	-0.7110+2.4354i	5.5505+8.2411i	2.3378+0.1790i	-1.1386+1.9343i	9.5037+6.3967i
75.1	0.7608+2.0655i	4.7898-7.5879i	2.1522+2.8481i	-0.7513+2.4442i	5.1388+8.1775i	2.2656+0.1245i	-1.1519+1.9472i	9.1069+6.1663i
75.2	0.7862+2.0359i	5.2085-7.0489i	2.1827+2.8252i	-0.6843+2.4844i	5.1867+8.0377i	2.2095+0.0850i	-1.0822+1.9965i	9.0198+5.9796i
75.3	0.8207+2.0210i	6.1379-7.6641i	2.1611+2.7884i	-0.6685+2.4927i	5.2271+7.9298i	2.1592+0.0401i	-1.0617+2.0192i	8.8821+5.8406i
75.4	0.8504+2.0040i	7.4884-5.8635i	2.1997+2.7786i	-0.6156+2.5148i	5.3471+8.0205i	2.1235+0.0346i	-1.0152+2.0326i	8.8562+5.8684i
75.5	0.8725+1.9211i	7.1009-3.7701i	2.1845+2.6501i	-0.5458+2.4634i	5.3266+7.6374i	2.0201-0.0289i	-0.9417+2.0063i	8.5134+5.4831i
75.6	0.9015+1.8746i	7.4425-4.2509i	2.2679+2.5567i	-0.4013+2.4489i	5.5629+7.4907i	1.9929-0.0523i	-0.8143+1.9984i	8.5781+5.3436i
75.7	0.9360+1.8751i	7.4592-3.9414i	2.2699+2.5758i	-0.3835+2.5158i	5.5505+7.4369i	1.9485-0.0565i	-0.7898+2.0674i	8.4972+5.3796i
75.8	1.0244+1.7824i	7.1285-2.6810i	2.3257+2.4610i	-0.2773+2.5953i	5.7447+6.9571i	1.8719-0.2086i	-0.7039+2.1781i	8.5408+4.8589i
75.9	1.0269+1.6889i	9.4101-2.6797i	2.2357+2.4110i	-0.2218+2.5538i	5.3527+6.8677i	1.7042-0.1644i	-0.6134+2.1365i	7.8568+4.8323i
76.0	1.1138+1.6838i	8.0935-1.7279i	2.4420+2.3468i	-0.0799+2.5955i	5.9542+6.7787i	1.7602-0.2206i	-0.5149+2.1815i	8.4968+4.7303i
76.1	1.1552+1.6456i	7.8530-2.0990i	2.4857+2.2899i	0.0091+2.5756i	6.1623+6.6811i	1.7339-0.2590i	-0.4358+2.1700i	8.5480+4.6337i
76.2	1.1620+1.6315i	7.8017-2.7723i	2.4683+2.3203i	0.0052+2.5937i	6.1133+6.8101i	1.7032-0.2262i	-0.4356+2.1688i	8.3881+4.9012i
76.3	1.2076+1.5989i	9.2475-1.6487i	2.4945+2.3003i	0.0861+2.6007i	6.1614+6.7108i	1.6311-0.2191i	-0.3575+2.1743i	8.2905+4.8870i
76.4	1.2997+1.5230i	10.1118-0.4260i	2.5491+2.1670i	0.1935+2.5828i	6.3308+6.3015i	1.5759-0.2791i	-0.2621+2.1875i	8.3740+4.5175i
76.5	1.2832+1.3521i	9.5543-0.4345i	2.5397+2.0563i	0.3362+2.5679i	6.3727+6.0719i	1.4930-0.2656i	-0.1321+2.1920i	8.4208+4.4379i
76.6	1.2309+1.2754i	10.1921-0.7274i	2.5738+1.9436i	0.4485+2.4513i	6.5456+5.8261i	1.4790-0.2361i	-0.0274+2.0864i	8.4653+4.3028i
76.7	1.2579+1.2618i	10.7221-0.9169i	2.6506+1.8778i	0.4855+2.4492i	6.7731+5.8208i	1.5197-0.2560i	-0.0051+2.0754i	8.6080+4.3163i
76.8	1.2671+1.2332i	10.4741-0.8998i	2.7113+1.8456i	0.5394+2.4161i	6.9124+5.7143i	1.5424-0.2452i	0.0342+2.0461i	8.7369+4.3387i
76.9	1.2274+1.1563i	11.2178-0.3642i	2.5994+1.7154i	0.5703+2.2675i	6.6677+5.2771i	1.4463-0.2242i	0.0842+1.9335i	8.4227+4.0046i
77.0	1.2137+1.0943i	12.8230-0.0311i	2.5489+1.6352i	0.5949+2.2309i	6.5345+4.9835i	1.3689-0.2456i	0.1127+1.9131i	8.2864+3.8477i
77.1	1.2395+1.0397i	12.3545+0.3912i	2.5737+1.5677i	0.6738+2.2549i	6.7334+4.9173i	1.3398-0.2650i	0.1669+1.9309i	8.5603+3.9191i
77.2	1.2359+0.9717i	12.4455+0.9664i	2.4945+1.4768i	0.6494+2.1802i	6.6621+4.6936i	1.3205-0.2554i	0.1480+1.8656i	8.4423+3.8253i
77.3	1.2430+0.8558i	13.9930+1.0263i	2.6072+1.3407i	0.8734+2.0782i	7.1025+4.4922i	1.3218-0.2263i	0.3333+1.7786i	8.8546+3.5445i
77.4	1.2037+0.8080i	14.6876+0.7620i	2.5837+1.2905i	0.9297+2.0453i	6.9832+4.2951i	1.2953-0.2470i	0.3902+1.7667i	8.8137+3.3429i
77.5	1.1656+0.7869i	15.1105-0.1687i	2.5405+1.2802i	0.8889+2.0795i	6.8412+4.2536i	1.3104-0.2788i	0.3607+1.7949i	8.8211+3.4425i
77.6	1.1278+0.7565i	15.0802-0.6068i	2.5182+1.2241i	0.8883+2.0285i	7.0165+4.1861i	1.3425-0.2828i	0.3377+1.7392i	9.0026+3.4890i
77.7	1.0781+0.7371i	15.6060+0.4790i	2.4188+1.1934i	0.8437+1.9914i	6.8009+4.0230i	1.3060-0.2942i	0.2989+1.7146i	8.8547+3.3788i
77.8	1.0254+0.7216i	16.5603-0.2235i	2.3834+1.1187i	0.8631+1.8972i	6.8460+3.6726i	1.3052-0.3025i	0.3094+1.6519i	8.9427+3.0422i
77.9	0.9633+0.6635i	16.4620-1.1831i	2.3616+1.0077i	0.9570+1.6980i	7.0213+3.5046i	1.2882-0.2410i	0.3846+1.4696i	8.9075+2.8776i
78.0	0.9958+0.6437i	15.5489-1.1096i	2.5113+0.9487i	1.1353+1.7330i	7.4546+3.3429i	1.3163-0.3119i	0.5165+1.5216i	9.5165+2.6872i
78.1	0.9735+0.5965i	16.2569-0.8072i	2.4183+0.8133i	1.1873+1.6449i	7.2479+3.0466i	1.1963-0.3600i	0.5827+1.4600i	9.2760+2.2201i
78.2	0.9488+0.5932i	17.7445-0.9600i	2.3358+0.7628i	1.1448+1.5927i	7.2465+2.7145i	1.1952-0.4034i	0.5306+1.4473i	9.2929+1.8536i
78.3	0.9261+0.5721i	17.7223-2.1834i	2.3612+0.7171i	1.1607+1.5054i	7.6586+2.4474i	1.2608-0.4151i	0.5028+1.3743i	9.6240+1.7259i
78.4	0.8699+0.5544i	17.7288-2.6769i	2.2963+0.6563i	1.1046+1.3574i	7.5572+2.0994i	1.2667-0.4026i	0.4520+1.2631i	9.5645+1.5081i
78.5	0.8907+0.5630i	16.4385-2.8159i	2.3682+0.6686i	1.1359+1.4229i	7.9766+1.9028i	1.3432-0.4833i	0.4344+1.3521i	10.0876+1.3724i
78.6	0.8514+0.5605i	18.9005-3.1700i	2.1979+0.5939i	1.0095+1.3343i	7.6965+1.4478i	1.2930-0.4891i	0.3295+1.3077i	9.7690+0.9364i
78.7	0.8653+0.5045i	19.1099-3.4590i	2.2050+0.4333i	1.1024+1.1666i	7.6613+1.0393i	1.2084-0.5185i	0.4236+1.1838i	9.6316+0.2479i
78.8	0.8343+0.5216i	18.2645-3.9699i	2.2100+0.3415i	1.0743+1.0303i	7.7213+0.6523i	1.2290-0.5548i	0.3856+1.0952i	9.7089+0.0275i
78.9	0.7991+0.5426i	19.2803-5.4437i	2.1794+0.4916i	0.9070+1.1339i	7.8957+0.9211i	1.3208-0.5005i	0.2106+1.1747i	9.9279+0.5656i
79.0	0.8432+0.5186i	18.2079-6.6214i	2.2788+0.3556i	0.9427+1.1226i	8.4922+0.2391i	1.3968-0.6411i	0.1887+1.2360i	10.6138-0.1802i
79.1	0.8507+0.4638i	18.2405-5.5508i	2.2858+0.0097i	1.0811+0.9345i	8.5406-1.4040i	1.3625-0.8634i	0.3374+1.2276i	10.6592-1.8341i
79.2	0.8245+0.4352i	17.3775-5.8435i	2.1420-0.1290i	1.0267+0.8583i	8.1443-2.2645i	1.2787-0.9706i	0.3440+1.2457i	10.2809-2.7641i
79.3	0.7389+0.4162i	17.7914-5.7499i	1.7724-0.1505i	0.7847+0.7305i	6.7931-2.6619i	1.1134-0.9568i	0.2466+1.1701i	8.8523-3.0752i
79.4	0.7406+0.3888i	17.6568-6.2807i	1.5859-0.1527i	0.7413+0.7494i	5.8101-2.9731i	0.9003-1.0139i	0.3015+1.2357i	8.0301-3.4176i
79.5	0.7085+0.3719i	17.5941-6.6679i	1.4972-0.1457i	0.7236+0.7725i	5.3010-3.0633i	0.8068-1.0251i	0.3639+1.2536i	7.4824-3.4811i
79.6	0.6767+0.3720i	17.8581-6.7500i	1.3740-0.1468i	0.6594+0.7545i	4.6054-3.2748i	0.7102-1.0348i	0.3886+1.2550i	6.7930-3.6604i
79.7	0.6337+0.4143i	17.7929-7.0986i	1.2062+0.0412i	0.4630+0.8981i	3.9314-2.8575i	0.6814-0.9962i	0.2707+1.3586i	6.2870-3.0365i
79.8	0.6177+0.3894i	19.6216-6.7393i	1.1808+0.1149i	0.4639+0.9156i	3.5925-2.6639i	0.6185-0.9630i	0.3265+1.3421i	5.8558-2.9057i
79.9	0.6255+0.3599i	18.4984-8.6782i	1.1983+0.0814i	0.5629+0.8507i	3.5098-2.7099i	0.5563-0.9409i	0.4414+1.2653i	5.8024-3.1654i
80.0	0.6179+0.3891i	16.9111-9.1119i	1.1950+0.1984i	0.5840+0.8901i	3.2265-2.1407i	0.4670-0.8510i	0.5207+1.2605i	5.6713-2.6793i

2.1.93 Run 8 – VT315-200 – Accels 17–24

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-0.7214+0.0000i	0.9449+0.0000i	9.9178+0.0000i	3.9853+0.0000i	5.0857+0.0000i	2.1673+0.0000i	4.5353+0.0000i	5.6213+0.0000i
0.1	-0.6936+0.1146i	0.0565+1.1761i	1.4541-0.0535i	0.0093+0.1160i	-0.0365-0.3958i	-0.2010+1.2508i	0.7995+0.6063i	0.9911+0.1415i
0.2	0.0057-0.1527i	-0.0940-0.0139i	-0.0029-0.0069i	-0.1824-0.1636i	-1.0141-0.0793i	-0.4552+0.6019i	-0.0957+0.0365i	-0.0680+0.0261i
0.3	0.0932-0.1610i	-0.1170-0.0478i	-0.0109-0.0075i	0.0349-0.0071i	0.7314-1.0194i	0.1908+0.1828i	-0.0490-0.0088i	-0.0557+0.0998i
0.4	0.0083-0.0525i	-0.0112+0.0223i	0.0202+0.0161i	0.0035+0.0501i	-0.1269+0.0632i	0.0134+0.0376i	-0.0009-0.0098i	0.0015+0.0237i
0.5	0.0187-0.0294i	-0.0070+0.0083i	0.0368+0.0077i	-0.0101+0.0067i	-0.2501+0.5402i	0.0163+0.0069i	0.0203-0.0302i	0.0336-0.0068i
0.6	0.0115-0.0070i	-0.0002+0.0017i	0.0348+0.0089i	-0.0036-0.0071i	0.1646+0.0808i	-0.0129-0.0157i	-0.0040-0.0134i	0.0052-0.0107i
0.7	-0.0064+0.0025i	0.0015-0.0064i	0.0367+0.0020i	0.0009-0.0031i	-0.0461+0.3763i	0.0324+0.0285i	-0.0077-0.0061i	-0.0069-0.0054i
0.8	-0.0087+0.0001i	0.0015-0.0033i	0.0458-0.0004i	-0.0006+0.0009i	-0.0241+0.2077i	0.0323-0.0378i	-0.0062+0.0004i	-0.0079-0.0005i
0.9	-0.0034-0.0042i	0.0011+0.0009i	0.0505+0.0008i	0.0002+0.0004i	-0.0057+0.1182i	-0.0419-0.0245i	-0.0021+0.0042i	-0.0061+0.0033i
1.0	-0.0035-0.0006i	0.0015+0.0013i	0.0642+0.0102i	-0.0014+0.0030i	-0.1574+0.0393i	0.0011+0.0365i	0.0029+0.0013i	-0.0027+0.0018i
1.1	-0.0029+0.0012i	0.0001+0.0016i	0.0799+0.0113i	-0.0020+0.0013i	-0.0862-0.2160i	0.0041-0.0184i	0.0020+0.0034i	-0.0005+0.0025i
1.2	-0.0020-0.0000i	0.0002+0.0022i	0.0913+0.0048i	0.0010-0.0006i	0.1301-0.2537i	-0.0259-0.0070i	0.0007-0.0011i	0.0034+0.0010i
1.3	-0.0039-0.0008i	-0.0018-0.0000i	0.1049+0.0044i	-0.0015+0.0006i	0.1124+0.1204i	0.0140+0.0226i	-0.0016-0.0025i	0.0010-0.0030i
1.4	-0.0051-0.0016i	-0.0030-0.0013i	0.1187+0.0008i	-0.0026+0.0003i	0.0241+0.0501i	0.0006-0.0348i	-0.0018+0.0002i	-0.0027-0.0001i
1.5	-0.0066-0.0007i	-0.0056-0.0016i	0.1267+0.0049i	-0.0036+0.0006i	0.1679-0.0126i	-0.0184+0.0081i	-0.0022+0.0001i	-0.0081-0.0000i
1.6	-0.0080+0.0085i	-0.0085+0.0037i	0.1461+0.0022i	-0.0045+0.0058i	0.2578+0.0213i	-0.0135-0.0053i	-0.0015-0.0022i	-0.0117+0.0124i
1.7	0.0032+0.0054i	-0.0060+0.0033i	0.1683+0.0015i	0.0030+0.0043i	0.1461-0.0868i	-0.0116+0.0056i	-0.0052-0.0007i	0.0030+0.0086i
1.8	0.0063-0.0001i	-0.0142+0.0018i	0.1835+0.0133i	0.0022-0.0002i	0.0666-0.1992i	0.0006-0.0167i	-0.0078+0.0023i	-0.0018+0.0005i
1.9	0.0097-0.0021i	-0.0337+0.0106i	0.2288-0.0041i	0.0046-0.0024i	-0.2714-0.5125i	-0.0321-0.0200i	-0.0093+0.0028i	-0.0154+0.0059i
2.0	0.0148-0.0246i	-0.0469+0.0736i	0.2729-0.0842i	0.0061-0.0133i	-0.1739-0.4487i	-0.0251-0.0089i	-0.0109+0.0103i	-0.0256+0.0470i
2.1	-0.0256-0.0587i	0.0774+0.1732i	0.1607-0.1978i	-0.0166-0.0282i	0.0470-0.2941i	-0.0394+0.0090i	0.0001+0.0182i	0.0583+0.1155i
2.2	-0.0624+0.0200i	0.1722-0.0828i	0.0745+0.0480i	-0.0336+0.0107i	0.0346-0.3276i	-0.0073+0.0037i	0.0068+0.0016i	0.1243-0.0681i
2.3	-0.0150+0.0313i	-0.0114-0.1126i	0.2560+0.0881i	-0.0132+0.0156i	0.1683-0.0201i	-0.0212-0.0083i	-0.0098-0.0012i	-0.0107-0.0859i
2.4	-0.0048+0.0290i	-0.0173-0.0444i	0.2866+0.0432i	-0.0057+0.0219i	0.1194-0.0166i	-0.0175-0.0092i	-0.0041+0.0184i	-0.0151-0.0348i
2.5	0.0088+0.0193i	0.0002-0.0228i	0.3159+0.0220i	0.0085+0.0139i	-0.1318+0.0837i	-0.0306-0.0078i	0.0105+0.0138i	-0.0012-0.0180i
2.6	0.0071+0.0109i	-0.0037-0.0255i	0.3332+0.0107i	0.0073+0.0057i	-0.0267+0.0491i	-0.0282-0.0045i	0.0086+0.0051i	-0.0036-0.0221i
2.7	0.0091+0.0071i	-0.0102-0.0182i	0.3575+0.0089i	0.0064+0.0036i	-0.0328-0.0555i	-0.0306-0.0072i	0.0085+0.0033i	-0.0086-0.0151i
2.8	0.0041+0.0055i	-0.0089-0.0126i	0.3804+0.0012i	0.0038+0.0025i	0.1148-0.1572i	-0.0354-0.0001i	0.0048+0.0032i	-0.0068-0.0080i
2.9	0.0018+0.0051i	-0.0046-0.0086i	0.4018+0.0015i	0.0017+0.0035i	0.0420-0.2722i	-0.0198+0.0026i	0.0013+0.0030i	-0.0051-0.0084i
3.0	0.0012+0.0043i	-0.0027-0.0046i	0.4334+0.0010i	0.0021+0.0033i	-0.1990-0.0636i	-0.0353-0.0087i	0.0012+0.0030i	-0.0036-0.0074i
3.1	0.0007+0.0029i	-0.0013-0.0071i	0.4571+0.0073i	0.0021+0.0041i	-0.0677-0.0614i	-0.0471-0.0144i	0.0008+0.0025i	-0.0014-0.0050i
3.2	0.0024+0.0020i	-0.0017-0.0070i	0.4799+0.0027i	0.0033+0.0046i	0.0016+0.0640i	-0.0413-0.0060i	0.0041+0.0013i	-0.0012-0.0038i
3.3	0.0013+0.0035i	-0.0048-0.0054i	0.5192-0.0058i	0.0031+0.0029i	-0.0922-0.1066i	-0.0388+0.0075i	0.0039+0.0002i	-0.0039-0.0049i
3.4	0.0006+0.0049i	-0.0071-0.0081i	0.5404+0.0014i	0.0007+0.0023i	-0.0858-0.0312i	-0.0225-0.0191i	-0.0000+0.0003i	-0.0055-0.0041i
3.5	0.0015+0.0028i	-0.0126-0.0079i	0.5570+0.0143i	0.0007+0.0022i	-0.1180-0.2436i	-0.0687-0.0153i	0.0023+0.0013i	-0.0070-0.0025i
3.6	0.0064-0.0025i	-0.0182+0.0033i	0.5813+0.0269i	0.0065+0.0013i	-0.7494+0.1558i	-0.0681-0.0492i	0.0073+0.0043i	-0.0132-0.0008i
3.7	0.0013-0.0047i	0.0085+0.0084i	0.7102+0.0564i	0.0026-0.0019i	0.0603-0.1106i	-0.0922+0.0067i	0.0080+0.0034i	0.0087+0.0104i
3.8	0.0026-0.0009i	0.0086+0.0042i	0.7445+0.0170i	0.0017+0.0002i	0.0448-0.0436i	-0.0674-0.0014i	0.0049-0.0005i	0.0087+0.0022i
3.9	0.0032-0.0005i	0.0062-0.0003i	0.7699+0.0182i	0.0014+0.0002i	-0.0628-0.0158i	-0.0627-0.0035i	0.0030-0.0000i	0.0058-0.0007i
4.0	0.0026-0.0013i	0.0028-0.0019i	0.8023+0.0176i	0.0009-0.0006i	-0.0353+0.0211i	-0.0686-0.0069i	0.0022-0.0001i	0.0031-0.0013i
4.1	0.0029-0.0016i	0.0019+0.0004i	0.8351+0.0150i	0.0001-0.0008i	-0.0364+0.0368i	-0.0776-0.0026i	0.0016-0.0002i	0.0028+0.0009i
4.2	0.0032-0.0022i	0.0013+0.0019i	0.8751+0.0106i	0.0006-0.0007i	-0.0167+0.0165i	-0.0805+0.0005i	0.0013-0.0007i	0.0025+0.0017i
4.3	0.0034-0.0024i	-0.0007+0.0023i	0.9234+0.0102i	0.0010-0.0024i	-0.0404+0.0559i	-0.0775+0.0083i	0.0011-0.0010i	0.0001+0.0015i
4.4	0.0041-0.0030i	-0.0010+0.0034i	0.9553+0.0088i	0.0000-0.0031i	0.1492+0.0919i	-0.0876-0.0126i	-0.0000-0.0007i	0.0002+0.0038i
4.5	0.0050-0.0035i	-0.0001+0.0074i	0.9978+0.0001i	-0.0009-0.0008i	0.2284-0.0187i	-0.0889+0.0011i	-0.0016-0.0018i	0.0004+0.0066i
4.6	0.0072-0.0044i	-0.0019+0.0136i	1.0429-0.0086i	0.0007-0.0013i	0.0173-0.0115i	-0.0835-0.0158i	-0.0009-0.0028i	-0.0007+0.0112i
4.7	0.0061-0.0009i	0.0079+0.0261i	1.0794-0.0021i	0.0016+0.0030i	-0.2789+0.0817i	-0.1153-0.0220i	0.0002+0.0075i	0.0122+0.0253i
4.8	0.0137+0.0002i	0.0370+0.0222i	1.1107+0.0140i	0.0102+0.0028i	-0.4491+0.0641i	-0.1274-0.0057i	0.0105+0.0086i	0.0403+0.0223i
4.9	0.0114-0.0031i	0.0411-0.0040i	1.1580+0.0408i	0.0089-0.0025i	-0.5390-0.3036i	-0.1257+0.0120i	0.0096-0.0002i	0.0412-0.0063i
5.0	0.0112+0.0066i	0.0105-0.0134i	1.3129+0.0651i	0.0036+0.0042i	0.0297-0.4339i	-0.1315-0.0104i	0.0033+0.0048i	0.0128-0.0150i
5.1	0.0212+0.0067i	0.0068-0.0141i	1.3492+0.0558i	0.0119+0.0064i	0.0706-0.0858i	-0.1450-0.0215i	0.0118+0.0044i	0.0105-0.0138i
5.2	0.0325-0.0042i	0.0028-0.0144i	1.3809+0.0344i	0.0203-0.0026i	0.1381+0.0067i	-0.1726-0.0079i	0.0187-0.0054i	0.0070-0.0127i
5.3	0.0250-0.0240i	-0.0023-0.0060i	1.3921+0.0119i	0.0092-0.0232i	0.3382-0.1312i	-0.1696+0.0148i	0.0062-0.0250i	0.0035-0.0065i
5.4	0.0009-0.0248i	-0.0089-0.0015i	1.4548+0.0656i	-0.0196-0.0237i	0.1619-0.3527i	-0.1590+0.0045i	-0.0244-0.0222i	-0.0069-0.0064i
5.5	0.0058-0.0043i	-0.0148+0.0076i	1.5862+0.1010i	-0.0163-0.0029i	0.0370-0.1596i	-0.1684-0.0149i	-0.0232-0.0011i	-0.0120+0.0001i
5.6	0.0159+0.0029i	-0.0040+0.0246i	1.6857+0.0765i	-0.0111+0.0087i	-0.1277+0.2313i	-0.1875-0.0033i	-0.0168+0.0114i	0.0002+0.0236i

5.7	0.0242+0.0037i	0.0142+0.0252i	1.7240+0.0529i	-0.0034+0.0109i	-0.0234+0.2355i	-0.2010-0.0014i	-0.0087+0.0130i	0.0193+0.0268i
5.8	0.0325+0.0055i	0.0222+0.0177i	1.7623+0.0493i	0.0042+0.0130i	0.0408+0.1112i	-0.2102-0.0053i	-0.0026+0.0145i	0.0298+0.0187i
5.9	0.0415+0.0053i	0.0262+0.0104i	1.8063+0.0660i	0.0106+0.0131i	0.1399+0.0140i	-0.2220-0.0043i	0.0040+0.0157i	0.0357+0.0105i
6.0	0.0518+0.0037i	0.0241-0.0024i	1.8664+0.0790i	0.0148+0.0096i	0.0878+0.0087i	-0.2395-0.0020i	0.0086+0.0120i	0.0341-0.0041i
6.1	0.0642+0.0044i	0.0135-0.0096i	1.9323+0.1032i	0.0185+0.0116i	0.0110-0.0461i	-0.2537-0.0024i	0.0111+0.0129i	0.0231-0.0111i
6.2	0.0802+0.0042i	0.0071-0.0082i	1.9910+0.1210i	0.0258+0.0146i	-0.0085-0.0209i	-0.2708-0.0079i	0.0162+0.0158i	0.0175-0.0101i
6.3	0.1025-0.0001i	0.0028-0.0032i	2.0513+0.1276i	0.0382+0.0145i	0.0236-0.0569i	-0.2949-0.0059i	0.0263+0.0163i	0.0152-0.0057i
6.4	0.1248-0.0045i	0.0002-0.0006i	2.0955+0.1467i	0.0499+0.0145i	-0.0034+0.0012i	-0.3124-0.0000i	0.0361+0.0174i	0.0146-0.0027i
6.5	0.1611-0.0162i	-0.0030+0.0014i	2.1504+0.1703i	0.0703+0.0101i	-0.0183+0.0134i	-0.3376+0.0012i	0.0534+0.0154i	0.0147-0.0018i
6.6	0.2023-0.0272i	-0.0069+0.0049i	2.1637+0.1985i	0.0892+0.0064i	-0.0361+0.0251i	-0.3548+0.0068i	0.0680+0.0126i	0.0146+0.0008i
6.7	0.2549-0.0537i	-0.0098+0.0101i	2.1625+0.2523i	0.1154-0.0030i	-0.0946+0.0064i	-0.3820+0.0094i	0.0901+0.0068i	0.0159+0.0030i
6.8	0.3519-0.0907i	-0.0159+0.0153i	2.0781+0.3638i	0.1627-0.0167i	-0.0385-0.0786i	-0.4049+0.0135i	0.1289-0.0019i	0.0174+0.0053i
6.9	0.4681-0.1788i	-0.0231+0.0233i	1.9621+0.5983i	0.2212-0.0489i	-0.0248+0.0229i	-0.4359+0.0103i	0.1785-0.0256i	0.0182+0.0068i
7.0	0.6010-0.4379i	-0.0322+0.0453i	1.8899+1.1997i	0.2983-0.1568i	-0.0232+0.1142i	-0.4765+0.0192i	0.2461-0.1102i	0.0192+0.0093i
7.1	0.6278-0.8877i	-0.0335+0.0868i	2.1698+2.1585i	0.3477-0.3634i	-0.0247+0.0401i	-0.5334+0.0432i	0.2953-0.2754i	0.0196+0.0166i
7.2	0.1317-1.3254i	0.0172+0.1326i	3.4770+2.8131i	0.1483-0.6090i	0.0127+0.0620i	-0.5345+0.0908i	0.1435-0.4816i	0.0338+0.0289i
7.3	-0.4476-1.2229i	0.0872+0.1132i	4.6711+2.4858i	-0.1330-0.5976i	-0.0305-0.0006i	-0.5395+0.0560i	-0.0806-0.4841i	0.0605+0.0140i
7.4	-0.8226-0.8687i	0.1142+0.0568i	5.6071+1.7589i	-0.3227-0.4538i	0.0414+0.0720i	-0.6329+0.0407i	-0.2398-0.3818i	0.0565-0.0147i
7.5	-0.8398-0.5174i	0.1001+0.0233i	5.7672+0.9255i	-0.3518-0.3009i	0.0022+0.1307i	-0.6856+0.0857i	-0.2746-0.2619i	0.0402-0.0190i
7.6	-0.7386-0.3237i	0.0849+0.0127i	5.6403+0.4442i	-0.3231-0.2091i	0.0108+0.0552i	-0.7159+0.1134i	-0.2582-0.1852i	0.0331-0.0139i
7.7	-0.6595-0.2611i	0.0766+0.0096i	5.5812+0.2839i	-0.2934-0.1762i	0.0304-0.0383i	-0.7640+0.1251i	-0.2344-0.1568i	0.0318-0.0126i
7.8	-0.6248-0.2358i	0.0726+0.0070i	5.6650+0.2215i	-0.2786-0.1662i	0.0180-0.0103i	-0.8379+0.1237i	-0.2246-0.1487i	0.0315-0.0138i
7.9	-0.6430-0.2293i	0.0701+0.0046i	5.8724+0.1705i	-0.2899-0.1664i	0.0211-0.0142i	-0.9472+0.1398i	-0.2369-0.1507i	0.0285-0.0156i
8.0	-0.6778-0.1814i	0.0688+0.0029i	6.0818+0.0082i	-0.3154-0.1484i	0.0724+0.0086i	-1.0441+0.2086i	-0.2611-0.1360i	0.0238-0.0130i
8.1	-0.6847-0.1466i	0.0673+0.0015i	6.2377-0.1156i	-0.3252-0.1358i	-0.0239+0.0303i	-1.1234+0.2747i	-0.2701-0.1259i	0.0237-0.0124i
8.2	-0.7145-0.1117i	0.0659+0.0018i	6.4622-0.2348i	-0.3451-0.1233i	-0.0076-0.0578i	-1.2268+0.3507i	-0.2888-0.1153i	0.0212-0.0117i
8.3	-0.7467-0.0699i	0.0634+0.0023i	6.6856-0.3542i	-0.3678-0.1034i	0.0729-0.0670i	-1.3261+0.4282i	-0.3107-0.0998i	0.0166-0.0085i
8.4	-0.7800-0.0253i	0.0621+0.0026i	6.9173-0.4818i	-0.3924-0.0824i	0.0392+0.0160i	-1.4265+0.5190i	-0.3334-0.0805i	0.0120-0.0042i
8.5	-0.8218+0.0226i	0.0628+0.0036i	7.2178-0.6251i	-0.4187-0.0601i	-0.0139+0.0764i	-1.5720+0.6270i	-0.3580-0.0595i	0.0109+0.0008i
8.6	-0.8804+0.0803i	0.0636+0.0064i	7.5670-0.7702i	-0.4513-0.0307i	0.0568+0.0039i	-1.7631+0.7575i	-0.3878-0.0330i	0.0098+0.0075i
8.7	-0.9610+0.1462i	0.0633+0.0079i	7.9921-0.9474i	-0.4934-0.0007i	0.1587+0.0440i	-2.0133+0.9415i	-0.4255-0.0069i	0.0062+0.0119i
8.8	-1.0386+0.2687i	0.0651+0.0094i	8.4274-1.3265i	-0.5372+0.0554i	0.1032-0.0291i	-2.2527+1.2910i	-0.4620+0.0423i	0.0037+0.0178i
8.9	-1.1073+0.4371i	0.0673+0.0142i	8.8550-1.8463i	-0.5753+0.1366i	0.0424+0.0110i	-2.4851+1.7694i	-0.4938+0.1118i	-0.0018+0.0347i
9.0	-1.1193+0.6520i	0.0696+0.0180i	9.0780-2.5293i	-0.5874+0.2356i	-0.0417+0.1113i	-2.5217+2.4094i	-0.5054+0.1957i	-0.0010+0.0538i
9.1	-1.0884+0.7859i	0.0727+0.0275i	9.2711-2.9694i	-0.5774+0.2980i	0.0815+0.0008i	-2.4934+2.8244i	-0.4967+0.2488i	0.0088+0.0687i
9.2	-1.2093+1.1411i	0.0884+0.0403i	9.8783-4.2083i	-0.6413+0.4519i	0.1133-0.0780i	-2.8603+4.0081i	-0.5520+0.3796i	0.0206+0.0947i
9.3	-0.9381+1.7399i	0.1161+0.0399i	9.1037-6.2187i	-0.5414+0.7242i	0.0904-0.0816i	-1.9016+5.8941i	-0.4695+0.6146i	0.0596+0.1231i
9.4	-0.0671+1.9835i	0.1433+0.0124i	6.3972-6.8606i	-0.1692+0.8597i	0.1544-0.0438i	0.9420+6.5333i	-0.1537+0.7342i	0.1276+0.1082i
9.5	0.5264+1.6532i	0.1467-0.0208i	4.7081-5.6644i	0.1048+0.7327i	0.2336-0.0276i	2.7806+5.3810i	0.0820+0.6263i	0.1590+0.0593i
9.6	0.8041+1.1732i	0.1355-0.0425i	4.1805-3.9760i	0.2434+0.5317i	0.1512+0.0179i	3.5817+3.7830i	0.2032+0.4556i	0.1598+0.0143i
9.7	0.7694+0.7761i	0.1129-0.0513i	4.7054-2.6745i	0.2380+0.3577i	0.0967-0.0902i	3.4005+2.5218i	0.2004+0.3061i	0.1332-0.0143i
9.8	0.6851+0.5758i	0.0979-0.0503i	5.3164-2.0375i	0.2063+0.2670i	0.1780-0.1395i	3.0850+1.8991i	0.1734+0.2280i	0.1118-0.0223i
9.9	0.5850+0.4167i	0.0867-0.0393i	6.0506-1.5494i	0.1654+0.1958i	0.2191-0.0845i	2.7402+1.3913i	0.1383+0.1663i	0.0929-0.0166i
10.0	0.4999+0.3273i	0.0818-0.0300i	6.7153-1.3103i	0.1303+0.1543i	0.0998-0.0271i	2.4547+1.1222i	0.1083+0.1300i	0.0834-0.0084i
10.1	0.4315+0.2655i	0.0840-0.0234i	7.2929-1.1423i	0.1008+0.1247i	0.0892+0.0013i	2.2190+0.9397i	0.0826+0.1045i	0.0814-0.0028i
10.2	0.3674+0.2297i	0.0896-0.0158i	7.9044-1.0569i	0.0730+0.1071i	0.1264+0.0791i	1.9933+0.8430i	0.0586+0.0880i	0.0842+0.0064i
10.3	0.3247+0.2148i	0.0911-0.0111i	8.4488-1.0893i	0.0544+0.0987i	0.1636+0.0833i	1.8614+0.8393i	0.0434+0.0810i	0.0862+0.0140i
10.4	0.3065+0.1965i	0.0900-0.0041i	8.9076-1.0651i	0.0412+0.0883i	0.0632+0.0264i	1.8309+0.8171i	0.0329+0.0725i	0.0887+0.0213i
10.5	0.2869+0.1751i	0.0977+0.0082i	9.4201-0.9815i	0.0291+0.0790i	0.1435+0.1169i	1.8252+0.7459i	0.0211+0.0634i	0.0942+0.0272i
10.6	0.2724+0.1517i	0.1101+0.0151i	9.9193-0.8776i	0.0200+0.0687i	0.1967-0.0253i	1.8191+0.6460i	0.0146+0.0546i	0.0998+0.0305i
10.7	0.2492+0.1298i	0.1255+0.0163i	10.5628-0.8684i	0.0073+0.0585i	0.1256-0.0363i	1.7597+0.5324i	0.0048+0.0454i	0.1099+0.0374i
10.8	0.2230+0.1052i	0.1365+0.0182i	11.2000-0.7800i	-0.0079+0.0475i	0.1772+0.0515i	1.6862+0.4323i	-0.0078+0.0346i	0.1169+0.0445i
10.9	0.1936+0.0915i	0.1464+0.0166i	11.8413-0.8371i	-0.0248+0.0421i	0.2008-0.0200i	1.5904+0.3810i	-0.0227+0.0290i	0.1245+0.0449i
11.0	0.1660+0.0835i	0.1566+0.0143i	12.5875-0.8517i	-0.0401+0.0384i	0.1889-0.0067i	1.5113+0.3527i	-0.0363+0.0238i	0.1322+0.0455i
11.1	0.1466+0.0785i	0.1658+0.0143i	13.2751-0.8450i	-0.0519+0.0355i	0.1782-0.0031i	1.4550+0.3328i	-0.0462+0.0200i	0.1400+0.0484i
11.2	0.1252+0.0734i	0.1782+0.0142i	14.1238-0.8841i	-0.0648+0.0337i	0.2029+0.0714i	1.4067+0.3122i	-0.0575+0.0181i	0.1491+0.0514i
11.3	0.1070+0.0711i	0.1921+0.0140i	15.0104-0.9228i	-0.0792+0.0330i	0.1865+0.0428i	1.3547+0.2977i	-0.0683+0.0171i	0.1606+0.0532i
11.4	0.0878+0.0689i	0.2033+0.0127i	15.8931-1.0609i	-0.0930+0.0342i	0.2272-0.0530i	1.3135+0.2860i	-0.0785+0.0152i	0.1678+0.0527i
11.5	0.0672+0.0657i	0.2153+0.0104i	16.8730-1.1790i	-0.1052+0.0359i	0.2245-0.0748i	1.2784+0.2802i	-0.0890+0.0135i	0.1749+0.0550i
11.6	0.0494+0.0670i	0.2271+0.0099i	17.8653-1.2097i	-0.1170+0.0390i	0.2685-0.1403i	1.2448+0.2519i	-0.0982+0.0116i	0.1810+0.0569i
11.7	0.0285+0.0740i	0.2421+0.0059i	19.0704-1.5925i	-0.1296+0.0435i	0.2369+0.0230i	1.1900+0.2567i	-0.1092+0.0104i	0.1889+0.0591i
11.8	0.0054+0.0736i	0.2576+0.0082i	20.3790-1.6539i	-0.1428+0.0443i	0.1584+0.0083i	1.1485+0.2654i	-0.1207+0.0073i	0.1952+0.0665i
11.9	-0.0149+0.0752i	0.2713+0.0084i	21.7628-1.8128i	-0.1534+0.0456i	0.2131+0.0465i	1.1244+0.2724i	-0.1283+0.0036i	0.1989+0.0787i

12.0	-0.0414+0.0856i	0.2896+0.0129i	23.3763-2.0469i	-0.1695+0.0497i	0.2274+0.1483i	1.0943+0.2941i	-0.1400+0.0003i	0.2012+0.1002i
12.1	-0.0698+0.1039i	0.3154+0.0206i	25.4981-2.4346i	-0.1882+0.0541i	0.2535+0.0975i	1.0522+0.3315i	-0.1531-0.0072i	0.2078+0.1329i
12.2	-0.0867+0.1240i	0.3333+0.0247i	27.0345-3.0760i	-0.2013+0.0601i	0.2481+0.1592i	1.0293+0.3831i	-0.1633-0.0137i	0.2204+0.1649i
12.3	-0.1049+0.1527i	0.3604+0.0357i	29.0401-3.7608i	-0.2174+0.0680i	0.0838+0.2857i	1.0377+0.4492i	-0.1752-0.0273i	0.2453+0.2199i
12.4	-0.1150+0.2024i	0.4117+0.0567i	31.6077-5.0852i	-0.2362+0.0899i	0.2760+0.4141i	1.0775+0.5047i	-0.1985-0.0428i	0.3065+0.3012i
12.5	-0.1133+0.2460i	0.4731+0.0788i	33.9886-6.4107i	-0.2463+0.1112i	0.5869+0.4825i	1.1255+0.5621i	-0.2268-0.0615i	0.3913+0.3811i
12.6	-0.0976+0.2858i	0.5467+0.1029i	36.1778-7.5200i	-0.2456+0.1293i	0.7359+0.5912i	1.1765+0.5903i	-0.2598-0.0809i	0.5036+0.4552i
12.7	-0.0514+0.3254i	0.6973+0.1035i	39.7131-9.4381i	-0.2383+0.1487i	0.8475+0.6714i	1.2385+0.6077i	-0.3297-0.0966i	0.7423+0.5016i
12.8	-0.0028+0.3264i	0.8341+0.0505i	42.4081-11.5972i	-0.2277+0.1516i	1.0787+0.5458i	1.2985+0.6101i	-0.3939-0.0864i	0.9646+0.4504i
12.9	0.0392+0.3089i	0.9831-0.0200i	45.9269-13.2958i	-0.2164+0.1375i	1.3451+0.4278i	1.3322+0.6130i	-0.4512-0.0766i	1.1851+0.3681i
13.0	0.0715+0.2775i	1.1846-0.1586i	51.3897-16.5827i	-0.2093+0.1177i	1.6243+0.0497i	1.3566+0.6206i	-0.5229-0.0486i	1.4558+0.1994i
13.1	0.0768+0.2464i	1.3702-0.3460i	57.2560-21.4424i	-0.2162+0.0955i	1.9411-0.2181i	1.3679+0.6468i	-0.5872-0.0067i	1.6903-0.0266i
13.2	0.0859+0.2112i	1.6392-0.5844i	65.5958-27.2211i	-0.2144+0.0535i	2.2960-0.5131i	1.3349+0.7463i	-0.6610+0.0220i	2.0070-0.2933i
13.3	0.0744+0.1716i	1.7826-1.0100i	71.0066-38.1860i	-0.2337-0.0082i	2.4921-1.0350i	1.3536+0.9554i	-0.7152+0.0665i	2.1839-0.7470i
13.4	0.0647+0.1003i	1.9291-1.9639i	77.5933-61.4533i	-0.2837-0.1614i	2.6864-2.2861i	1.5448+1.4780i	-0.8062+0.1245i	2.4111-1.7306i
13.5	-0.0004+0.0701i	1.3779-2.6732i	67.5536-80.4749i	-0.4546-0.2366i	2.1173-3.2209i	2.0727+1.7258i	-0.8713+0.2039i	1.9120-2.4978i
13.6	-0.1396+0.0185i	0.1435-3.2876i	44.5359-97.4844i	-0.8136-0.2947i	0.6905-3.9328i	3.1392+1.8342i	-0.9956+0.3034i	0.7463-3.2401i
13.7	-0.3133+0.0295i	-0.9219-3.0385i	27.1382-94.8538i	-1.1762-0.1801i	-0.4629-3.6291i	4.0728+1.4074i	-1.1370+0.4043i	-0.3272-3.1123i
13.8	-0.5519+0.2038i	-1.6092-2.0453i	23.1855-83.4391i	-1.5698+0.2456i	-1.3551-2.5620i	4.8464+0.2693i	-1.3543+0.6516i	-1.0886-2.2245i
13.9	-0.6539+0.4439i	-1.6135-1.3891i	30.0108-84.9470i	-1.7218+0.7122i	-1.3231-1.9670i	5.1052-0.7731i	-1.4835+0.9848i	-1.1441-1.6119i
14.0	-0.6923+0.8125i	-1.4660-0.9502i	35.6987-102.7820i	-1.7737+1.3855i	-1.1765-1.6502i	5.2226-2.1109i	-1.5461+1.5549i	-1.0460-1.2207i
14.1	-0.4492+1.2241i	-1.2728-0.7038i	20.9826-129.2292i	-1.3698+2.1419i	-1.0903-1.5317i	4.5709-3.6964i	-1.1848+2.2420i	-0.9155-1.0079i
14.2	0.0737+1.4754i	-1.1369-0.5737i	-18.3759-146.0242i	-0.4499+2.6560i	-1.0930-1.5072i	2.8543-4.9679i	-0.3217+2.7190i	-0.8551-0.8819i
14.3	0.6503+1.3376i	-1.0767-0.4466i	-63.6875-132.7581i	0.6098+2.5003i	-1.2039-1.2286i	0.6713-5.0045i	0.6953+2.5580i	-0.8450-0.7432i
14.4	0.9455+0.9438i	-1.0276-0.3672i	-86.1808-100.2894i	1.1904+1.8548i	-1.2246-1.0261i	-0.6927-3.8942i	1.2530+1.9332i	-0.8095-0.6442i
14.5	0.9722+0.6483i	-0.9785-0.2925i	-87.8483-74.8485i	1.2930+1.3348i	-1.2041-0.8788i	-1.0544-2.8712i	1.3531+1.4245i	-0.7621-0.5641i
14.6	0.9117+0.4096i	-0.9269-0.2163i	-81.5809-54.9199i	1.2171+0.9165i	-1.1194-0.8744i	-1.0070-2.0464i	1.2798+1.0141i	-0.7070-0.4999i
14.7	0.8350+0.2461i	-0.8787-0.1374i	-75.1533-42.1683i	1.1169+0.6371i	-1.0137-0.7440i	-0.9316-1.5233i	1.1865+0.7443i	-0.6590-0.4627i
14.8	0.7619+0.1915i	-0.8219-0.0936i	-69.9148-37.1540i	1.0135+0.5200i	-1.0568-0.5985i	-0.7982-1.2289i	1.0920+0.6284i	-0.6318-0.4508i
14.9	0.6793+0.0975i	-0.7097-0.0281i	-64.2504-29.4790i	0.8828+0.3530i	-1.0843-0.6207i	-0.5480-0.8055i	0.9749+0.4566i	-0.6166-0.4304i
15.0	0.6147+0.0280i	-0.6235-0.0375i	-59.5116-24.6045i	0.7773+0.2613i	-0.9853-0.6491i	-0.3080-0.6878i	0.8721+0.3627i	-0.5995-0.4196i
15.1	0.5485-0.0140i	-0.5783-0.0609i	-56.1646-20.9617i	0.6970+0.2045i	-0.9280-0.5903i	-0.1778-0.6425i	0.7979+0.3030i	-0.6091-0.4074i
15.2	0.4720-0.0463i	-0.5626-0.0731i	-52.7787-17.6130i	0.6192+0.1584i	-0.8668-0.5097i	-0.1160-0.6192i	0.7295+0.2552i	-0.6334-0.3789i
15.3	0.4044-0.0459i	-0.5562-0.0702i	-49.5376-14.9106i	0.5531+0.1337i	-0.9648-0.4669i	-0.1029-0.5634i	0.6732+0.2257i	-0.6456-0.3237i
15.4	0.3658-0.0302i	-0.5469-0.0615i	-46.6255-13.1942i	0.5043+0.1246i	-0.9554-0.3393i	-0.0578-0.4939i	0.6294+0.2085i	-0.6298-0.2741i
15.5	0.3366-0.0179i	-0.5347-0.0527i	-43.6374-11.6415i	0.4608+0.1147i	-0.9311-0.2084i	-0.0050-0.4288i	0.5882+0.1914i	-0.6022-0.2353i
15.6	0.2977-0.0181i	-0.5257-0.0407i	-41.6268-10.5720i	0.4208+0.1052i	-0.8952-0.2075i	0.0164-0.4000i	0.5592+0.1747i	-0.5996-0.2076i
15.7	0.2776+0.0015i	-0.5154-0.0234i	-39.2863-9.5434i	0.3870+0.1045i	-0.8073-0.2078i	0.0655-0.3599i	0.5270+0.1613i	-0.5750-0.1673i
15.8	0.2545+0.0114i	-0.5080-0.0085i	-37.2818-8.5329i	0.3558+0.0960i	-0.8389-0.1441i	0.0946-0.3257i	0.4996+0.1422i	-0.5569-0.1333i
15.9	0.2410+0.0267i	-0.4950+0.0055i	-35.5425-7.9870i	0.3315+0.0977i	-0.7825-0.0988i	0.1223-0.3071i	0.4744+0.1336i	-0.5308-0.1033i
16.0	0.2361+0.0328i	-0.4845+0.0207i	-34.2546-7.4763i	0.3162+0.0946i	-0.7427-0.1313i	0.1488-0.2904i	0.4598+0.1267i	-0.5104-0.0877i
16.1	0.2320+0.0389i	-0.4701+0.0396i	-32.9143-7.0125i	0.2970+0.0912i	-0.8171-0.1394i	0.1754-0.2695i	0.4422+0.1217i	-0.4864-0.0754i
16.2	0.2300+0.0508i	-0.4503+0.0463i	-31.5534-6.9585i	0.2803+0.0968i	-0.8230-0.2166i	0.2051-0.2466i	0.4202+0.1149i	-0.4489-0.0605i
16.3	0.2231+0.0491i	-0.4360+0.0529i	-30.6940-6.5204i	0.2636+0.0931i	-0.8851-0.1200i	0.2350-0.2426i	0.4068+0.1046i	-0.4318-0.0508i
16.4	0.2214+0.0514i	-0.4196+0.0560i	-29.6056-6.3501i	0.2453+0.0955i	-0.8784-0.1222i	0.2712-0.2548i	0.3888+0.1013i	-0.4022-0.0558i
16.5	0.2187+0.0447i	-0.4153+0.0605i	-28.7905-6.1802i	0.2342+0.0964i	-0.7423-0.0937i	0.2808-0.2799i	0.3747+0.0953i	-0.3860-0.0659i
16.6	0.1987+0.0382i	-0.4152+0.0719i	-27.9836-6.0348i	0.2199+0.0967i	-0.6544+0.0020i	0.2480-0.3177i	0.3567+0.0911i	-0.3897-0.0772i
16.7	0.1782+0.0531i	-0.4033+0.0914i	-27.3691-5.8860i	0.2059+0.1020i	-0.7078-0.0179i	0.1900-0.2852i	0.3351+0.0957i	-0.3849-0.0663i
16.8	0.1733+0.0714i	-0.3746+0.1086i	-27.0199-5.5319i	0.1975+0.1063i	-0.6615+0.0619i	0.1644-0.2250i	0.3250+0.0984i	-0.3828-0.0469i
16.9	0.1783+0.0900i	-0.3507+0.0953i	-26.3353-4.9114i	0.1885+0.1125i	-0.5927+0.1488i	0.2084-0.1464i	0.3134+0.1047i	-0.3635-0.0326i
17.0	0.1785+0.1002i	-0.3498+0.1090i	-25.5081-4.9046i	0.1820+0.1213i	-0.6206+0.0563i	0.2512-0.1499i	0.3049+0.1132i	-0.3471-0.0299i
17.1	0.1747+0.1081i	-0.3247+0.1144i	-24.9025-4.7751i	0.1718+0.1225i	-0.5940+0.0216i	0.2308-0.1203i	0.2960+0.1184i	-0.3258-0.0272i
17.2	0.1806+0.1158i	-0.3175+0.0906i	-24.4050-4.3087i	0.1656+0.1268i	-0.5547+0.0355i	0.2675-0.0572i	0.2954+0.1207i	-0.3112-0.0312i
17.3	0.1893+0.1212i	-0.3385+0.0999i	-23.5914-4.1503i	0.1648+0.1342i	-0.6385+0.0275i	0.3429-0.0671i	0.2955+0.1231i	-0.3068-0.0354i
17.4	0.1966+0.1215i	-0.3438+0.1310i	-23.0254-4.2152i	0.1664+0.1338i	-0.5971+0.0568i	0.3707-0.0778i	0.2955+0.1228i	-0.3023-0.0354i
17.5	0.2043+0.1214i	-0.3139+0.1561i	-22.5929-4.3038i	0.1648+0.1319i	-0.5584+0.0138i	0.3976-0.1021i	0.2949+0.1239i	-0.2925-0.0333i
17.6	0.2076+0.1240i	-0.3042+0.1582i	-22.2563-4.2443i	0.1580+0.1335i	-0.6272+0.0005i	0.4155-0.1232i	0.2949+0.1254i	-0.2843-0.0320i
17.7	0.2145+0.1239i	-0.2969+0.1774i	-21.8585-4.3504i	0.1553+0.1355i	-0.6797+0.0204i	0.4292-0.1397i	0.3000+0.1246i	-0.2800-0.0343i
17.8	0.2145+0.1207i	-0.2748+0.2077i	-21.5303-4.4529i	0.1490+0.1383i	-0.7246-0.0057i	0.4251-0.1879i	0.2998+0.1231i	-0.2775-0.0390i
17.9	0.2168+0.1203i	-0.2201+0.2255i	-21.3738-4.3069i	0.1403+0.1435i	-0.8406+0.0383i	0.3862-0.2139i	0.2949+0.1171i	-0.2660-0.0386i
18.0	0.2218+0.1192i	-0.1687+0.2145i	-21.3200-4.1344i	0.1417+0.1487i	-0.6808+0.0392i	0.3647-0.2108i	0.2958+0.1170i	-0.2642-0.0418i
18.1	0.2240+0.1180i	-0.1381+0.1874i	-21.0434-3.8885i	0.1426+0.1518i	-0.6018+0.0403i	0.3493-0.2092i	0.2943+0.1172i	-0.2621-0.0440i
18.2	0.2264+0.1120i	-0.1339+0.1571i	-20.6800-3.6261i	0.1453+0.1519i	-0.5770+0.0039i	0.3265-0.2163i	0.2951+0.1148i	-0.2577-0.0478i

18.3	0.2251+0.1065i	-0.1279+0.1374i	-20.3431-3.3903i	0.1470+0.1468i	-0.6005+0.0099i	0.2914-0.2063i	0.2998+0.1113i	-0.2591-0.0455i
18.4	0.2220+0.0952i	-0.1322+0.1309i	-19.9592-3.2678i	0.1519+0.1302i	-0.6846+0.0305i	0.2256-0.1946i	0.3030+0.0992i	-0.2573-0.0422i
18.5	0.2142+0.0843i	-0.1598+0.1387i	-19.5535-3.2605i	0.1435+0.1002i	-0.7386-0.0507i	0.1624-0.1166i	0.3021+0.0810i	-0.2516-0.0350i
18.6	0.1887+0.0869i	-0.1526+0.1810i	-19.3213-3.3275i	0.0912+0.0931i	-0.6870+0.0109i	0.2040+0.0155i	0.2795+0.0706i	-0.2407-0.0406i
18.7	0.1771+0.1123i	-0.0798+0.2073i	-19.2786-3.3146i	0.0536+0.1375i	-0.7366-0.0111i	0.3233+0.0428i	0.2584+0.0848i	-0.2456-0.0516i
18.8	0.1896+0.1287i	-0.0384+0.1757i	-19.1341-3.1657i	0.0667+0.1685i	-0.6961-0.0058i	0.3551-0.0044i	0.2608+0.0993i	-0.2498-0.0462i
18.9	0.1910+0.1388i	-0.0187+0.1550i	-18.8895-2.9755i	0.0732+0.1795i	-0.7422+0.0789i	0.3531-0.0040i	0.2635+0.0995i	-0.2547-0.0310i
19.0	0.1933+0.1462i	0.0032+0.1334i	-18.5975-2.8311i	0.0764+0.1831i	-0.7121+0.0507i	0.3480+0.0172i	0.2646+0.1001i	-0.2567-0.0222i
19.1	0.1986+0.1521i	0.0129+0.1095i	-18.3157-2.7111i	0.0742+0.1850i	-0.6986+0.1064i	0.3660+0.0383i	0.2649+0.0984i	-0.2474-0.0098i
19.2	0.2080+0.1584i	0.0158+0.0906i	-18.0447-2.6440i	0.0727+0.1941i	-0.7141+0.1772i	0.3924+0.0554i	0.2644+0.0997i	-0.2356-0.0010i
19.3	0.2114+0.1669i	0.0261+0.0702i	-17.7007-2.5017i	0.0658+0.2035i	-0.7196+0.1244i	0.4171+0.0597i	0.2623+0.1008i	-0.2261+0.0018i
19.4	0.2193+0.1734i	0.0307+0.0579i	-17.4622-2.4069i	0.0644+0.2120i	-0.7937+0.1320i	0.4338+0.0652i	0.2600+0.1006i	-0.2089+0.0080i
19.5	0.2280+0.1809i	0.0393+0.0419i	-17.2207-2.3631i	0.0638+0.2243i	-0.7977+0.1175i	0.4598+0.0805i	0.2576+0.1035i	-0.1957+0.0073i
19.6	0.2409+0.1825i	0.0567+0.0283i	-16.9625-2.3473i	0.0648+0.2340i	-0.7330+0.1265i	0.4907+0.0760i	0.2545+0.1075i	-0.1734+0.0007i
19.7	0.2566+0.1839i	0.0771+0.0066i	-16.7176-2.3130i	0.0635+0.2441i	-0.8949+0.2407i	0.5137+0.0507i	0.2587+0.1120i	-0.1554-0.0048i
19.8	0.2709+0.1848i	0.0794-0.0084i	-16.5555-2.2812i	0.0693+0.2479i	-0.7840+0.3381i	0.4975+0.0480i	0.2633+0.1149i	-0.1404-0.0098i
19.9	0.2859+0.1843i	0.0716-0.0319i	-16.2742-2.3078i	0.0778+0.2575i	-0.7109+0.3151i	0.5035+0.0621i	0.2668+0.1178i	-0.1194-0.0192i
20.0	0.2965+0.1784i	0.0887-0.0556i	-16.0822-2.2893i	0.0718+0.2644i	-0.6831+0.2243i	0.4994+0.0413i	0.2692+0.1176i	-0.0979-0.0309i
20.1	0.3069+0.1752i	0.0876-0.0679i	-15.8554-2.2958i	0.0716+0.2718i	-0.7122+0.2437i	0.4919+0.0569i	0.2702+0.1198i	-0.0730-0.0520i
20.2	0.3150+0.1705i	0.0918-0.0737i	-15.6662-2.2603i	0.0677+0.2768i	-0.7790+0.2532i	0.4904+0.0678i	0.2715+0.1267i	-0.0539-0.0758i
20.3	0.3322+0.1607i	0.1142-0.0989i	-15.4400-2.2624i	0.0642+0.2887i	-0.6667+0.3492i	0.5010+0.0705i	0.2823+0.1239i	-0.0407-0.1072i
20.4	0.3415+0.1527i	0.1262-0.1225i	-15.2668-2.3233i	0.0636+0.2995i	-0.7498+0.2425i	0.5120+0.0812i	0.2870+0.1224i	-0.0326-0.1364i
20.5	0.3510+0.1415i	0.1379-0.1637i	-15.1045-2.3818i	0.0678+0.3158i	-0.7624+0.2820i	0.5198+0.0909i	0.2962+0.1219i	-0.0300-0.1824i
20.6	0.3596+0.1208i	0.1501-0.2168i	-14.9076-2.4833i	0.0672+0.3322i	-0.7576+0.5099i	0.5091+0.0995i	0.3083+0.1141i	-0.0339-0.2384i
20.7	0.3644+0.1034i	0.1490-0.2652i	-14.7860-2.5348i	0.0677+0.3487i	-0.8604+0.4726i	0.5074+0.1233i	0.3103+0.1081i	-0.0381-0.2907i
20.8	0.3649+0.0865i	0.1246-0.3290i	-14.7016-2.7680i	0.0817+0.3779i	-0.8203+0.5202i	0.5336+0.1370i	0.3144+0.1073i	-0.0874-0.3581i
20.9	0.3572+0.0702i	0.0831-0.3838i	-14.6372-2.8117i	0.1013+0.3951i	-0.9119+0.5156i	0.5054+0.1378i	0.3209+0.1020i	-0.1330-0.3983i
21.0	0.3452+0.0559i	0.0297-0.4154i	-14.5747-2.8274i	0.1235+0.4067i	-0.9485+0.5254i	0.4737+0.1842i	0.3282+0.0928i	-0.1946-0.4342i
21.1	0.3301+0.0547i	-0.0255-0.4219i	-14.5246-2.8015i	0.1432+0.4093i	-0.8452+0.5338i	0.4953+0.2418i	0.3302+0.0908i	-0.2735-0.4469i
21.2	0.3102+0.0493i	-0.0901-0.4347i	-14.4938-2.8234i	0.1615+0.4118i	-0.8177+0.5384i	0.5202+0.3224i	0.3270+0.0815i	-0.3542-0.4618i
21.3	0.3060+0.0559i	-0.1142-0.4237i	-14.4257-2.7493i	0.1722+0.4094i	-0.8822+0.5413i	0.5604+0.4095i	0.3306+0.0719i	-0.4027-0.4476i
21.4	0.2911+0.0635i	-0.1752-0.4092i	-14.3964-2.6761i	0.1939+0.4090i	-0.8103+0.7633i	0.6390+0.4716i	0.3236+0.0697i	-0.4897-0.4406i
21.5	0.2823+0.0698i	-0.2173-0.3870i	-14.2742-2.6113i	0.2129+0.4015i	-0.8822+0.7627i	0.7299+0.5108i	0.3277+0.0644i	-0.5781-0.4004i
21.6	0.2874+0.0806i	-0.2219-0.3599i	-14.1385-2.6028i	0.2167+0.3997i	-0.9739+0.7508i	0.8614+0.5564i	0.3337+0.0582i	-0.6291-0.3491i
21.7	0.2955+0.0927i	-0.2129-0.3390i	-13.9829-2.5570i	0.2159+0.3970i	-0.9737+0.7277i	0.9524+0.5766i	0.3381+0.0555i	-0.6574-0.2999i
21.8	0.3105+0.1029i	-0.2030-0.3153i	-13.7773-2.5347i	0.2155+0.3908i	-0.9951+0.7699i	1.0781+0.5813i	0.3439+0.0490i	-0.6870-0.2375i
21.9	0.3270+0.1110i	-0.1715-0.3009i	-13.6087-2.5494i	0.2056+0.3906i	-1.1256+0.7400i	1.2289+0.5552i	0.3507+0.0433i	-0.7175-0.1668i
22.0	0.3355+0.1134i	-0.1626-0.3121i	-13.4440-2.6223i	0.2049+0.3997i	-1.2540+0.9204i	1.3606+0.4941i	0.3549+0.0315i	-0.7591-0.1020i
22.1	0.3445+0.1105i	-0.1444-0.3151i	-13.2830-2.6756i	0.1948+0.4042i	-1.2850+1.0164i	1.4699+0.3830i	0.3602+0.0203i	-0.7883-0.0147i
22.2	0.3604+0.0981i	-0.1374-0.3587i	-13.2184-2.8074i	0.1995+0.4302i	-1.2559+1.2498i	1.5720+0.2580i	0.3619+0.0045i	-0.7901+0.0502i
22.3	0.3750+0.0838i	-0.1196-0.4250i	-13.0869-3.0005i	0.2016+0.4668i	-1.3337+1.5586i	1.6170+0.1090i	0.3652-0.0214i	-0.7806+0.1554i
22.4	0.3842+0.0687i	-0.1145-0.5074i	-12.9304-3.2275i	0.2083+0.5149i	-1.3641+1.9345i	1.6541-0.0383i	0.3656-0.0452i	-0.7700+0.2571i
22.5	0.3888+0.0542i	-0.1429-0.5878i	-12.9170-3.4353i	0.2303+0.5616i	-1.2401+2.2069i	1.6648-0.1674i	0.3587-0.0681i	-0.7495+0.3573i
22.6	0.3845+0.0321i	-0.2230-0.6724i	-13.0943-3.6836i	0.2769+0.6032i	-0.9303+2.5795i	1.6310-0.3707i	0.3360-0.0939i	-0.6678+0.4877i
22.7	0.3727+0.0207i	-0.3446-0.7032i	-13.3068-3.7895i	0.3492+0.6157i	-0.4021+2.6870i	1.5155-0.4700i	0.3028-0.1049i	-0.5461+0.5576i
22.8	0.3624+0.0178i	-0.4599-0.7062i	-13.5226-3.8594i	0.4188+0.6149i	0.1037+2.7403i	1.4205-0.5161i	0.2776-0.1101i	-0.4381+0.6049i
22.9	0.3453+0.0133i	-0.6242-0.6727i	-13.7947-3.7395i	0.5149+0.5853i	0.6208+2.8069i	1.2503-0.5377i	0.2388-0.1123i	-0.2453+0.6208i
23.0	0.3347+0.0163i	-0.7235-0.5883i	-13.9876-3.5007i	0.5696+0.5341i	0.9722+2.4121i	1.1756-0.4882i	0.2141-0.1005i	-0.1338+0.5601i
23.1	0.3392+0.0247i	-0.7612-0.4762i	-14.0913-3.2149i	0.5962+0.4672i	1.1475+2.0299i	1.1757-0.4246i	0.1930-0.0761i	-0.0377+0.4599i
23.2	0.3383+0.0275i	-0.7889-0.4038i	-14.0707-3.0022i	0.6070+0.4191i	1.2818+1.7835i	1.1862-0.4062i	0.1820-0.0569i	0.0193+0.3995i
23.3	0.3378+0.0283i	-0.8050-0.3211i	-14.0100-2.7768i	0.6101+0.3660i	1.4727+1.4037i	1.2037-0.3958i	0.1796-0.0405i	0.0444+0.3221i
23.4	0.3408+0.0285i	-0.8072-0.2450i	-13.8724-2.5841i	0.6023+0.3226i	1.3522+1.0360i	1.2149-0.4048i	0.1783-0.0267i	0.0701+0.2447i
23.5	0.3434+0.0277i	-0.8101-0.1895i	-13.8005-2.4099i	0.6027+0.2910i	1.3484+1.0390i	1.2277-0.4378i	0.1775-0.0156i	0.0923+0.1837i
23.6	0.3443+0.0306i	-0.7795-0.1369i	-13.6504-2.2449i	0.5838+0.2671i	1.3724+0.8621i	1.2414-0.4776i	0.1819-0.0033i	0.0670+0.1382i
23.7	0.3475+0.0305i	-0.7550-0.0883i	-13.4491-2.1848i	0.5673+0.2435i	1.3162+0.6769i	1.2595-0.4940i	0.1850+0.0073i	0.0483+0.0729i
23.8	0.3497+0.0279i	-0.7388-0.0561i	-13.2951-2.1655i	0.5593+0.2303i	1.3118+0.5318i	1.2427-0.5321i	0.1904+0.0126i	0.0376+0.0419i
23.9	0.3497+0.0281i	-0.7140-0.0307i	-13.1319-2.0698i	0.5451+0.2220i	1.2384+0.4078i	1.2288-0.5771i	0.1944+0.0169i	0.0081+0.0321i
24.0	0.3509+0.0256i	-0.6950-0.0135i	-13.0047-1.9810i	0.5428+0.2132i	1.0785+0.4272i	1.2113-0.5993i	0.1975+0.0209i	-0.0096+0.0089i
24.1	0.3533+0.0256i	-0.6746+0.0066i	-12.8537-1.9990i	0.5386+0.2032i	1.0053+0.4083i	1.1909-0.6112i	0.2020+0.0221i	-0.0222-0.0008i
24.2	0.3578+0.0239i	-0.6578+0.0281i	-12.7082-1.9798i	0.5286+0.1908i	1.1051+0.2572i	1.1782-0.6062i	0.2057+0.0256i	-0.0245-0.0151i
24.3	0.3609+0.0194i	-0.6396+0.0337i	-12.5917-1.9645i	0.5232+0.1830i	0.8994+0.1067i	1.1694-0.6303i	0.2100+0.0270i	-0.0421-0.0262i
24.4	0.3598+0.0197i	-0.6338+0.0516i	-12.4588-1.9721i	0.5178+0.1702i	0.8176+0.2031i	1.1416-0.6364i	0.2129+0.0237i	-0.0427-0.0304i
24.5	0.3607+0.0200i	-0.6282+0.0544i	-12.3091-1.9728i	0.5090+0.1631i	0.8761+0.1792i	1.1481-0.6514i	0.2127+0.0233i	-0.0531-0.0337i

24.6	0.3617+0.0208i	-0.6170+0.0670i	-12.1257-2.0125i	0.4976+0.1533i	0.7605+0.1431i	1.1574-0.6387i	0.2120+0.0249i	-0.0697-0.0378i
24.7	0.3667+0.0190i	-0.6025+0.0788i	-12.0082-2.0229i	0.4861+0.1503i	0.7538+0.1057i	1.1827-0.6454i	0.2088+0.0268i	-0.0756-0.0469i
24.8	0.3725+0.0131i	-0.5906+0.0843i	-11.9018-2.0231i	0.4756+0.1479i	0.6828+0.0544i	1.2130-0.6676i	0.2076+0.0295i	-0.0718-0.0574i
24.9	0.3721+0.0099i	-0.5869+0.0877i	-11.7973-2.0844i	0.4691+0.1495i	0.9473+0.0513i	1.2123-0.7231i	0.2099+0.0364i	-0.0762-0.0542i
25.0	0.3729+0.0065i	-0.5843+0.0932i	-11.6210-2.1218i	0.4629+0.1515i	0.8032+0.0941i	1.2127-0.7731i	0.2109+0.0401i	-0.0738-0.0703i
25.1	0.3733+0.0019i	-0.5765+0.1008i	-11.5427-2.1613i	0.4597+0.1531i	0.6215+0.0327i	1.2085-0.7995i	0.2146+0.0450i	-0.0724-0.0710i
25.2	0.3729-0.0014i	-0.5762+0.1108i	-11.3970-2.2020i	0.4567+0.1541i	0.5525-0.0458i	1.1891-0.8360i	0.2186+0.0507i	-0.0725-0.0716i
25.3	0.3736-0.0010i	-0.5794+0.1190i	-11.2504-2.2631i	0.4577+0.1569i	0.5569+0.1116i	1.1657-0.8619i	0.2244+0.0534i	-0.0712-0.0824i
25.4	0.3734-0.0013i	-0.5793+0.1345i	-11.1871-2.3130i	0.4558+0.1539i	0.6385+0.0383i	1.1411-0.8577i	0.2298+0.0527i	-0.0596-0.0939i
25.5	0.3728-0.0019i	-0.5818+0.1586i	-11.0055-2.4531i	0.4502+0.1538i	0.4748-0.1521i	1.1495-0.8707i	0.2322+0.0541i	-0.0559-0.1102i
25.6	0.3720-0.0014i	-0.5868+0.1799i	-10.8776-2.5936i	0.4468+0.1596i	0.2655-0.1912i	1.1496-0.9242i	0.2353+0.0581i	-0.0552-0.1220i
25.7	0.3731+0.0031i	-0.5691+0.2181i	-10.8070-2.7893i	0.4419+0.1627i	0.4159-0.1971i	1.1101-0.9583i	0.2454+0.0607i	-0.0435-0.1449i
25.8	0.3753+0.0087i	-0.5542+0.2501i	-10.7949-2.9184i	0.4452+0.1678i	0.4928-0.2173i	1.0853-0.9388i	0.2537+0.0603i	-0.0396-0.1731i
25.9	0.3816+0.0143i	-0.5313+0.2809i	-10.7284-3.0359i	0.4498+0.1701i	0.5064-0.1684i	1.0837-0.9102i	0.2595+0.0582i	-0.0480-0.1870i
26.0	0.3958+0.0106i	-0.4888+0.2986i	-10.6676-3.2397i	0.4510+0.1715i	0.4515-0.1529i	1.1226-0.9450i	0.2679+0.0550i	-0.0487-0.2120i
26.1	0.3992-0.0001i	-0.4418+0.3040i	-10.6826-3.4240i	0.4530+0.1731i	0.4971-0.1412i	1.1170-1.0145i	0.2728+0.0514i	-0.0560-0.2416i
26.2	0.3963-0.0118i	-0.3904+0.3032i	-10.7677-3.5451i	0.4549+0.1733i	0.4347-0.1385i	1.0900-1.0687i	0.2778+0.0425i	-0.0749-0.2780i
26.3	0.3896-0.0179i	-0.3554+0.3005i	-10.8706-3.6348i	0.4581+0.1745i	0.2959-0.0917i	1.0474-1.1051i	0.2826+0.0373i	-0.0830-0.3002i
26.4	0.3828-0.0188i	-0.3133+0.2848i	-10.9046-3.6710i	0.4571+0.1720i	0.3534-0.1242i	0.9951-1.1013i	0.2853+0.0286i	-0.1017-0.3252i
26.5	0.3824-0.0139i	-0.2834+0.2534i	-10.9926-3.7036i	0.4553+0.1738i	0.4205-0.1650i	0.9700-1.1111i	0.2862+0.0225i	-0.1230-0.3520i
26.6	0.3775-0.0080i	-0.2544+0.2227i	-11.0304-3.7306i	0.4530+0.1760i	0.3639-0.1824i	0.9451-1.1334i	0.2869+0.0193i	-0.1479-0.3769i
26.7	0.3762+0.0009i	-0.2340+0.2025i	-11.0815-3.8065i	0.4535+0.1812i	0.3644-0.1976i	0.9290-1.1625i	0.2896+0.0152i	-0.1664-0.4068i
26.8	0.3885+0.0034i	-0.2148+0.1635i	-11.0592-3.8605i	0.4545+0.1880i	0.2629-0.1369i	0.9393-1.1646i	0.2910+0.0096i	-0.2021-0.4303i
26.9	0.3943+0.0036i	-0.2017+0.1283i	-11.0718-3.9572i	0.4537+0.1994i	0.1946-0.1738i	0.9255-1.2152i	0.2898+0.0031i	-0.2295-0.4583i
27.0	0.3937+0.0053i	-0.1995+0.0836i	-11.1074-4.0571i	0.4599+0.2121i	0.1897-0.2769i	0.8542-1.2509i	0.2910-0.0050i	-0.2765-0.4952i
27.1	0.3962+0.0101i	-0.2019+0.0471i	-11.1329-4.1047i	0.4687+0.2200i	0.0637-0.2940i	0.7944-1.2683i	0.2864-0.0150i	-0.3400-0.5235i
27.2	0.4001+0.0181i	-0.2062+0.0039i	-11.2101-4.2918i	0.4807+0.2277i	-0.0687-0.0934i	0.6892-1.2958i	0.2809-0.0259i	-0.4203-0.5455i
27.3	0.4016+0.0270i	-0.2229-0.0319i	-11.3256-4.4001i	0.4935+0.2327i	-0.0838-0.0231i	0.6149-1.2433i	0.2701-0.0310i	-0.5052-0.5270i
27.4	0.4060+0.0371i	-0.2369-0.0701i	-11.5422-4.4185i	0.5047+0.2424i	-0.0522+0.0267i	0.5616-1.2047i	0.2589-0.0358i	-0.5842-0.5219i
27.5	0.4176+0.0425i	-0.2690-0.0969i	-11.7693-4.3396i	0.5219+0.2422i	-0.0729+0.0272i	0.5165-1.1392i	0.2434-0.0333i	-0.6669-0.4705i
27.6	0.4276+0.0539i	-0.2956-0.1196i	-11.9430-4.2923i	0.5369+0.2438i	-0.0691+0.0007i	0.4739-1.0572i	0.2327-0.0304i	-0.7328-0.4188i
27.7	0.4541+0.0687i	-0.3347-0.1424i	-12.0621-4.1326i	0.5564+0.2455i	0.0177-0.0631i	0.5010-0.9372i	0.2248-0.0133i	-0.7636-0.3162i
27.8	0.4720+0.0731i	-0.3640-0.1549i	-12.1942-3.8859i	0.5679+0.2423i	0.0670+0.1292i	0.5249-0.8640i	0.2183-0.0041i	-0.7774-0.2474i
27.9	0.4942+0.0723i	-0.4004-0.1660i	-12.2825-3.6980i	0.5816+0.2351i	0.1669+0.1990i	0.5876-0.8250i	0.2189+0.0051i	-0.7676-0.1796i
28.0	0.5144+0.0668i	-0.4315-0.1711i	-12.2108-3.5771i	0.5874+0.2353i	0.1451+0.3447i	0.6615-0.7972i	0.2218+0.0158i	-0.7434-0.1332i
28.1	0.5371+0.0585i	-0.4733-0.1700i	-12.2953-3.3490i	0.5981+0.2399i	-0.0110+0.1850i	0.7171-0.8006i	0.2271+0.0289i	-0.7022-0.0892i
28.2	0.5610+0.0551i	-0.4991-0.1721i	-12.3609-3.2513i	0.6307+0.2448i	0.0330+0.0851i	0.7211-0.7974i	0.2383+0.0378i	-0.6882-0.0638i
28.3	0.5888+0.0357i	-0.5329-0.1740i	-12.3923-3.0732i	0.6656+0.2253i	0.1229+0.1213i	0.7486-0.8076i	0.2515+0.0370i	-0.6715-0.0522i
28.4	0.6028+0.0117i	-0.5595-0.1672i	-12.1156-2.9371i	0.6735+0.2026i	0.1977+0.1237i	0.7974-0.8043i	0.2564+0.0356i	-0.6511-0.0467i
28.5	0.6164-0.0018i	-0.5811-0.1597i	-11.8449-2.9518i	0.6797+0.1913i	0.1805+0.1584i	0.8688-0.8095i	0.2630+0.0308i	-0.6409-0.0522i
28.6	0.6260-0.0170i	-0.6108-0.1575i	-11.8359-2.9045i	0.6819+0.1843i	0.3322+0.1658i	0.9312-0.8331i	0.2687+0.0304i	-0.6321-0.0567i
28.7	0.6346-0.0365i	-0.6387-0.1528i	-11.8325-2.7819i	0.6928+0.1788i	0.2596+0.1549i	0.9556-0.8511i	0.2704+0.0290i	-0.6431-0.0711i
28.8	0.6447-0.0518i	-0.6707-0.1513i	-11.6967-2.7213i	0.7044+0.1762i	0.1768+0.2504i	0.9769-0.8937i	0.2748+0.0271i	-0.6585-0.0780i
28.9	0.6594-0.0733i	-0.7025-0.1484i	-11.6319-2.6169i	0.7191+0.1680i	0.2452+0.0445i	1.0146-0.9395i	0.2806+0.0211i	-0.6697-0.0872i
29.0	0.6653-0.0937i	-0.7391-0.1440i	-11.4661-2.5214i	0.7248+0.1622i	0.1224-0.0559i	1.0507-0.9797i	0.2791+0.0168i	-0.6767-0.0943i
29.1	0.6648-0.1142i	-0.7797-0.1222i	-11.2568-2.4153i	0.7365+0.1513i	0.1662-0.0211i	1.0707-1.0180i	0.2769+0.0167i	-0.7052-0.0848i
29.2	0.6716-0.1410i	-0.8280-0.1087i	-11.1753-2.5996i	0.7624+0.1432i	0.1869+0.0012i	1.1001-1.1086i	0.2802+0.0166i	-0.7489-0.0743i
29.3	0.6740-0.1520i	-0.8556-0.0976i	-11.0718-2.6578i	0.7725+0.1433i	0.2529+0.1160i	1.1112-1.1616i	0.2812+0.0191i	-0.7704-0.0725i
29.4	0.6656-0.1761i	-0.8871-0.0635i	-10.9793-2.6033i	0.7791+0.1253i	0.2490+0.1385i	1.0922-1.2087i	0.2791+0.0166i	-0.7990-0.0586i
29.5	0.6652-0.1999i	-0.9301-0.0380i	-10.9915-2.4891i	0.7966+0.1097i	0.2730+0.0753i	1.0921-1.2531i	0.2819+0.0109i	-0.8357-0.0524i
29.6	0.6592-0.2115i	-0.9631-0.0090i	-10.9066-2.5295i	0.8123+0.0993i	0.3194-0.0275i	1.0772-1.2936i	0.2833+0.0097i	-0.8679-0.0437i
29.7	0.6557-0.2222i	-0.9956+0.0447i	-10.6747-2.4240i	0.8261+0.0782i	0.1419+0.0718i	1.0640-1.3010i	0.2808+0.0055i	-0.9077-0.0216i
29.8	0.6555-0.2388i	-1.0191+0.0880i	-10.6131-2.4329i	0.8375+0.0533i	0.1888+0.2600i	1.0967-1.3236i	0.2789+0.0005i	-0.9493+0.0123i
29.9	0.6522-0.2534i	-1.0479+0.1496i	-10.5440-2.5680i	0.8477+0.0334i	0.3622-0.0632i	1.1083-1.3971i	0.2793+0.0032i	-0.9928+0.0702i
30.0	0.6478-0.2721i	-1.0413+0.1842i	-10.4719-2.6099i	0.8512+0.0185i	0.3292-0.1090i	1.1032-1.4303i	0.2769+0.0026i	-1.0174+0.1059i
30.1	0.6360-0.2936i	-1.0611+0.2165i	-10.3241-2.5633i	0.8576-0.0094i	0.2661+0.0641i	1.1193-1.4729i	0.2665-0.0023i	-1.0761+0.1689i
30.2	0.6245-0.3066i	-1.0748+0.2583i	-10.3068-2.6821i	0.8587-0.0281i	0.2105-0.0038i	1.1313-1.5594i	0.2623+0.0006i	-1.1019+0.2492i
30.3	0.6177-0.3275i	-1.0639+0.2945i	-10.2270-2.7508i	0.8599-0.0404i	0.0411+0.0011i	1.1671-1.7010i	0.2521+0.0020i	-1.1119+0.3229i
30.4	0.5967-0.3449i	-1.0567+0.3281i	-9.9858-2.8304i	0.8592-0.0451i	0.1197-0.0412i	1.0799-1.8697i	0.2411+0.0174i	-1.0763+0.3973i
30.5	0.5766-0.3558i	-1.0720+0.3583i	-9.9623-2.7246i	0.8719-0.0601i	0.1816-0.0484i	0.9301-1.9491i	0.2438+0.0296i	-1.0470+0.4421i
30.6	0.5652-0.3643i	-1.0987+0.3873i	-10.0218-2.7350i	0.9005-0.0873i	0.2660+0.0634i	0.7926-1.9544i	0.2536+0.0381i	-1.0554+0.4703i
30.7	0.5443-0.3604i	-1.1064+0.4242i	-9.6742-2.6649i	0.9078-0.1106i	0.3504-0.0634i	0.7204-1.9109i	0.2515+0.0402i	-1.0768+0.4807i
30.8	0.5314-0.3507i	-1.1405+0.5067i	-9.5921-2.8940i	0.9321-0.1389i	0.3599-0.0283i	0.6733-1.8988i	0.2470+0.0580i	-1.1496+0.5626i

30.9	0.5191−0.3545i	−1.1314+0.5666i	−9.5870−2.8428i	0.9330−0.1784i	0.0963−0.0668i	0.6334−1.8893i	0.2525+0.0613i	−1.1409+0.6458i
31.0	0.4952−0.3483i	−1.1221+0.5993i	−9.3061−2.9887i	0.9114−0.2090i	0.0033+0.0439i	0.6016−1.8957i	0.2490+0.0737i	−1.1254+0.7335i
31.1	0.4689−0.3542i	−1.1364+0.6809i	−9.2929−2.8609i	0.8966−0.2697i	0.1479+0.0243i	0.5484−1.9234i	0.2400+0.0900i	−1.1307+0.8898i
31.2	0.4527−0.3456i	−1.1199+0.7414i	−9.3178−2.8014i	0.8803−0.2978i	0.1588+0.0773i	0.4604−1.9050i	0.2448+0.1045i	−1.0909+0.9907i
31.3	0.4646−0.3194i	−1.1160+0.8005i	−9.4757−3.2904i	0.8912−0.3051i	0.1437+0.0586i	0.4474−1.9098i	0.2603+0.1322i	−1.0874+1.0874i
31.4	0.4622−0.2932i	−1.0990+0.8613i	−9.1606−3.5531i	0.8764−0.3245i	−0.0089+0.1770i	0.4417−1.9049i	0.2661+0.1654i	−1.0483+1.2013i
31.5	0.4637−0.2648i	−1.0693+0.9182i	−8.9420−3.8854i	0.8695−0.3502i	0.0140+0.2508i	0.4055−1.8864i	0.2797+0.2078i	−0.9992+1.3575i
31.6	0.4584−0.2672i	−1.0292+0.9990i	−9.0227−3.5916i	0.8355−0.4073i	0.1583+0.1834i	0.3700−1.8809i	0.3037+0.2297i	−0.8767+1.5397i
31.7	0.4523−0.2746i	−0.9592+1.0926i	−9.0520−3.1297i	0.7688−0.4704i	0.1004+0.1949i	0.3090−1.8736i	0.3453+0.2380i	−0.6279+1.7058i
31.8	0.4526−0.2479i	−0.8888+1.1399i	−8.5045−3.5905i	0.7211−0.4822i	0.0331+0.2281i	0.3155−1.8870i	0.3690+0.2774i	−0.4644+1.8312i
31.9	0.4300−0.2143i	−0.7971+1.1234i	−7.4146−3.8709i	0.6251−0.4617i	0.1121+0.1475i	0.3575−1.8423i	0.3729+0.3036i	−0.2568+1.8500i
32.0	0.4520−0.1784i	−0.7391+1.1474i	−7.3780−4.4236i	0.5872−0.4268i	0.4382+0.1528i	0.3592−1.8319i	0.4228+0.3237i	−0.0549+1.8187i
32.1	0.4899−0.1953i	−0.6736+1.2308i	−8.5001−4.2508i	0.5610−0.4462i	0.5507+0.0421i	0.2390−1.9013i	0.5389+0.2930i	0.2934+1.7955i
32.2	0.4978−0.1827i	−0.5921+1.2442i	−8.3878−4.3611i	0.5004−0.4260i	0.5658+0.0412i	0.2036−1.8993i	0.5893+0.2842i	0.5406+1.7217i
32.3	0.5063−0.1552i	−0.5164+1.2167i	−7.9114−4.6356i	0.4662−0.3706i	0.5301+0.0961i	0.2008−1.8713i	0.6066+0.2745i	0.6493+1.5711i
32.4	0.5178−0.1357i	−0.4274+1.2113i	−7.6408−4.4263i	0.4382−0.3260i	0.4692−0.0134i	0.1684−1.8258i	0.6258+0.2369i	0.7590+1.3787i
32.5	0.5495−0.1319i	−0.3701+1.2167i	−8.0171−4.5326i	0.4262−0.2776i	0.5566−0.0849i	0.1133−1.8643i	0.6944+0.1850i	0.9553+1.1561i
32.6	0.5790−0.1060i	−0.3320+1.1757i	−7.5645−5.0645i	0.4427−0.2065i	0.4670−0.1188i	0.1127−1.8259i	0.7040+0.1606i	0.9448+0.9468i
32.7	0.6075−0.0996i	−0.2679+1.1273i	−7.5188−5.1068i	0.4472−0.1562i	0.4210−0.0998i	0.0838−1.7684i	0.7281+0.1177i	0.9815+0.7336i
32.8	0.6301−0.0774i	−0.2281+1.0852i	−7.3715−5.4670i	0.4557−0.0860i	0.4418−0.2270i	0.0881−1.7475i	0.7470+0.0923i	1.0063+0.5223i
32.9	0.6422−0.0272i	−0.2503+1.0099i	−6.4967−6.2858i	0.4733+0.0114i	0.3012−0.2449i	0.1998−1.7305i	0.7148+0.1035i	0.8919+0.3467i
33.0	0.6829−0.0261i	−0.2124+0.9798i	−6.5158−6.0886i	0.4988+0.0118i	0.1625−0.2142i	0.2086−1.5920i	0.7210+0.0713i	0.8254+0.2658i
33.1	0.7200−0.0494i	−0.1835+0.9554i	−6.4951−5.8757i	0.5240+0.0102i	0.3176−0.2712i	0.2812−1.5136i	0.7199+0.0294i	0.7589+0.1883i
33.2	0.7821−0.0318i	−0.1825+0.9172i	−6.2003−6.3038i	0.5668+0.0760i	0.4324−0.1406i	0.4356−1.5795i	0.7284+0.0098i	0.6839+0.0591i
33.3	0.8118−0.0464i	−0.1626+0.8873i	−5.8349−6.2705i	0.5729+0.0764i	0.3735−0.1586i	0.5361−1.5691i	0.7149−0.0070i	0.6443+0.0411i
33.4	0.8722−0.0865i	−0.1553+0.8657i	−5.7114−6.7454i	0.6116+0.1143i	0.3176−0.2469i	0.6834−1.7384i	0.7295−0.0526i	0.6204−0.0887i
33.5	0.9522−0.1449i	−0.1429+0.8686i	−6.5661−7.2386i	0.7069+0.1333i	0.3280−0.2320i	0.6308−1.9937i	0.7790−0.1156i	0.5876−0.2363i
33.6	0.9665−0.1612i	−0.1603+0.8303i	−6.2693−7.7056i	0.7748+0.1670i	0.3511−0.1831i	0.5931−2.1125i	0.7275−0.1215i	0.3986−0.2977i
33.7	1.0080−0.1638i	−0.1924+0.8067i	−6.2270−8.5303i	0.8555+0.2353i	0.2663−0.1391i	0.5715−2.3144i	0.7160−0.1220i	0.2695−0.4106i
33.8	1.0266−0.1330i	−0.2498+0.7978i	−5.7938−9.5905i	0.9236+0.2977i	0.2300−0.2339i	0.5906−2.4818i	0.6895−0.0601i	0.1308−0.4150i
33.9	0.9877−0.1783i	−0.2844+0.7816i	−5.3752−9.2022i	0.9291+0.2477i	0.1228−0.1973i	0.5370−2.4925i	0.6179−0.0580i	0.0126−0.3676i
34.0	1.0523−0.1934i	−0.3163+0.8272i	−5.7456−10.0766i	1.0510+0.2363i	0.1168−0.2475i	0.4361−2.6748i	0.6350−0.0147i	−0.1228−0.2927i
34.1	1.1304−0.2453i	−0.3105+0.9019i	−6.7827−10.7040i	1.1820+0.1752i	0.2446−0.3364i	0.2404−2.8464i	0.7025+0.0033i	−0.2031−0.2182i
34.2	1.1846−0.2701i	−0.2896+0.9511i	−7.4029−11.3087i	1.2665+0.1303i	0.1020−0.2490i	0.0433−2.9507i	0.7774+0.0432i	−0.2196−0.1240i
34.3	1.3205−0.2630i	−0.2816+1.0206i	−8.1806−13.0744i	1.4453+0.1388i	0.0484−0.2592i	−0.1510−3.2219i	0.9129+0.1152i	−0.2614−0.0416i
34.4	1.3739−0.3568i	−0.2101+1.0422i	−9.3492−13.0130i	1.5225+0.0298i	0.0265−0.4140i	−0.5015−3.2819i	1.0145+0.0606i	−0.2350+0.0045i
34.5	1.3923−0.3580i	−0.1852+1.0314i	−9.2047−13.2396i	1.5370+0.0218i	0.1149−0.4021i	−0.6002−3.2525i	1.0615+0.0718i	−0.2094+0.0340i
34.6	1.5087−0.4006i	−0.1487+1.0569i	−10.0854−14.2223i	1.6842−0.0197i	−0.0120−0.4309i	−0.8356−3.3272i	1.1992+0.0512i	−0.2215+0.0577i
34.7	1.5015−0.4490i	−0.1039+1.0283i	−10.0783−13.5564i	1.6886−0.0755i	−0.0698−0.4817i	−1.0103−3.1978i	1.2075−0.0164i	−0.2319+0.0361i
34.8	1.5172−0.5816i	−0.0526+0.9970i	−11.1015−12.7443i	1.7238−0.2257i	−0.0466−0.2916i	−1.2787−3.0283i	1.2462−0.1634i	−0.2288+0.0170i
34.9	1.6287−0.7652i	−0.0047+1.0033i	−13.1316−12.9018i	1.8810−0.4172i	−0.0871−0.2301i	−1.6929−2.9876i	1.3827−0.3390i	−0.2434+0.0086i
35.0	1.6455−0.8099i	0.0027+0.9828i	−13.2373−12.9051i	1.9107−0.4662i	−0.1452−0.4034i	−1.8056−2.8732i	1.3983−0.3914i	−0.2605−0.0023i
35.1	1.6308−0.9232i	0.0212+0.9335i	−13.5108−12.1986i	1.9264−0.5926i	−0.1425−0.3110i	−2.0023−2.6513i	1.3692−0.5303i	−0.3255−0.0513i
35.2	1.6851−0.9918i	0.0219+0.9232i	−13.7863−12.4464i	2.0125−0.6649i	−0.1403−0.1117i	−2.1698−2.5780i	1.4045−0.6011i	−0.3811−0.0695i
35.3	1.6908−1.1100i	0.0209+0.9053i	−14.0640−12.2595i	2.0562−0.8119i	−0.1077−0.1786i	−2.3479−2.3481i	1.3816−0.7013i	−0.4756−0.0351i
35.4	1.6100−1.2328i	0.0123+0.8819i	−14.3313−11.3973i	2.0065−0.9917i	−0.1466−0.1351i	−2.4725−1.9973i	1.2846−0.8057i	−0.5603+0.0447i
35.5	1.5873−1.3007i	0.0023+0.8680i	−14.4050−11.0999i	2.0066−1.1038i	−0.1721−0.1557i	−2.5290−1.7312i	1.2380−0.8618i	−0.6359+0.1036i
35.6	1.5605−1.4000i	−0.0166+0.8804i	−14.2427−11.0476i	1.9998−1.2704i	−0.1496−0.2494i	−2.5659−1.3978i	1.1619−0.9250i	−0.7390+0.2168i
35.7	1.4992−1.5010i	−0.0194+0.9045i	−14.4930−10.5079i	1.9324−1.4611i	−0.1445−0.2470i	−2.5338−0.9894i	1.0892−0.9696i	−0.7656+0.3701i
35.8	1.4903−1.5841i	−0.0163+0.9575i	−14.9197−10.6554i	1.9029−1.6237i	−0.1746−0.2300i	−2.4697−0.6937i	1.0900−0.9793i	−0.7467+0.5389i
35.9	1.4748−1.6485i	0.0127+0.9959i	−15.1634−10.6828i	1.8247−1.7404i	−0.2492−0.0874i	−2.2805−0.5164i	1.1050−0.9899i	−0.6515+0.6598i
36.0	1.4513−1.7422i	0.0646+1.0132i	−15.2741−10.6485i	1.7141−1.8633i	−0.2283−0.0991i	−2.0043−0.3816i	1.1179−1.0289i	−0.5228+0.7615i
36.1	1.4066−1.8568i	0.1410+1.0276i	−15.7127−10.2525i	1.5814−1.9983i	−0.2131−0.1422i	−1.7629−0.2477i	1.1200−1.1145i	−0.3825+0.8136i
36.2	1.3658−1.9083i	0.1938+1.0252i	−15.7377−10.2884i	1.4627−2.0149i	−0.2636−0.1511i	−1.5687−0.3467i	1.1258−1.1569i	−0.2452+0.7807i
36.3	1.3036−1.9959i	0.2415+1.0054i	−15.9222−10.0663i	1.3437−2.0603i	−0.4340−0.0804i	−1.4368−0.3977i	1.1054−1.2356i	−0.1435+0.7472i
36.4	1.2490−2.0880i	0.2880+0.9747i	−16.0967−9.8766i	1.2538−2.1049i	−0.4087−0.0726i	−1.3617−0.4399i	1.0803−1.3221i	−0.0769+0.6957i
36.5	1.1748−2.1687i	0.3336+0.9139i	−16.1316−9.3482i	1.1677−2.1290i	−0.2068−0.0696i	−1.3251−0.4631i	1.0253−1.4063i	−0.0490+0.6257i
36.6	1.1005−2.2382i	0.3601+0.8758i	−16.3119−9.1298i	1.0990−2.1592i	−0.2808−0.0451i	−1.3214−0.4666i	0.9721−1.4666i	−0.0407+0.5931i
36.7	1.0367−2.3264i	0.3634+0.8322i	−16.4535−8.9384i	1.0465−2.2236i	−0.2791+0.0561i	−1.3058−0.4475i	0.9245−1.5369i	−0.0435+0.5854i
36.8	0.9701−2.4227i	0.3684+0.7685i	−16.2414−8.8497i	0.9950−2.2922i	−0.3055+0.2322i	−1.2969−0.3977i	0.8643−1.6170i	−0.0551+0.5610i
36.9	0.9039−2.5088i	0.3702+0.7274i	−16.3496−8.6513i	0.9333−2.3754i	−0.3498+0.3878i	−1.2587−0.3248i	0.8196−1.6848i	−0.0407+0.5691i
37.0	0.8331−2.5494i	0.3349+0.6986i	−16.3150−8.5895i	0.8657−2.3977i	−0.4031+0.3943i	−1.2137−0.3178i	0.7699−1.7131i	−0.0330+0.5678i
37.1	0.7437−2.6558i	0.3299+0.6814i	−16.2458−8.3072i	0.7755−2.4921i	−0.3357+0.3809i	−1.1223−0.2268i	0.6906−1.8064i	−0.0267+0.5720i

37.2	0.6684-2.7714i	0.3392+0.6509i	-16.2158-8.0093i	0.6989-2.5930i	-0.2691+0.5770i	-1.0433-0.1640i	0.6208-1.8991i	-0.0291+0.5699i
37.3	0.5072-2.8763i	0.3206+0.6067i	-16.2192-8.0017i	0.5655-2.6600i	-0.2446+0.4133i	-0.9967-0.1464i	0.4908-1.9495i	-0.0511+0.5795i
37.4	0.4136-2.9540i	0.3060+0.5854i	-16.3387-8.1621i	0.4813-2.7179i	-0.2599+0.5197i	-0.9543-0.1526i	0.4306-1.9878i	-0.0324+0.5899i
37.5	0.2696-3.0828i	0.2731+0.5566i	-16.5331-8.0753i	0.3512-2.8425i	0.0209+0.5774i	-0.8650-0.1048i	0.3447-2.0695i	0.0007+0.6197i
37.6	0.1044-3.1846i	0.2314+0.5508i	-16.5341-7.9437i	0.1940-2.9341i	-0.0731+0.5058i	-0.7282-0.1018i	0.2324-2.1106i	0.0277+0.6639i
37.7	-0.1265-3.2322i	0.1897+0.5485i	-16.5347-7.9060i	-0.0128-2.9631i	-0.1447+0.3507i	-0.6244-0.1732i	0.1000-2.1220i	0.0771+0.6848i
37.8	-0.3431-3.2431i	0.1576+0.5494i	-16.4620-7.6911i	-0.2006-2.9712i	-0.0183+0.3815i	-0.5559-0.2034i	-0.0177-2.1156i	0.1246+0.7157i
37.9	-0.6288-3.1999i	0.1173+0.5744i	-16.2671-7.4685i	-0.4377-2.9319i	0.1635+0.3514i	-0.5194-0.3030i	-0.1687-2.0952i	0.1925+0.7148i
38.0	-0.8514-3.1708i	0.1053+0.6103i	-16.4660-7.4028i	-0.6188-2.9027i	0.2547+0.3345i	-0.5597-0.4412i	-0.2678-2.0943i	0.2607+0.6924i
38.1	-1.1274-3.0608i	0.1261+0.6536i	-16.5738-7.2310i	-0.8764-2.8217i	0.0988+0.1789i	-0.6162-0.5600i	-0.4172-2.0544i	0.3494+0.6576i
38.2	-1.3032-2.9362i	0.1337+0.6626i	-16.6929-7.1217i	-1.0231-2.7478i	0.1561+0.2088i	-0.7287-0.4608i	-0.5103-2.0384i	0.3859+0.6134i
38.3	-1.4297-2.7710i	0.1392+0.6759i	-16.7767-6.9635i	-1.1193-2.6058i	0.4223+0.2690i	-0.8912-0.4542i	-0.5573-2.0047i	0.4225+0.5215i
38.4	-1.5307-2.6123i	0.1499+0.7128i	-16.6100-6.7320i	-1.2345-2.4793i	0.3530+0.3228i	-0.9219-0.4224i	-0.6406-1.9486i	0.4503+0.4763i
38.5	-1.6648-2.4865i	0.1726+0.7480i	-16.6162-6.3890i	-1.3857-2.4161i	0.2323+0.1649i	-0.8865-0.2555i	-0.7512-1.9274i	0.4830+0.4659i
38.6	-1.7922-2.3139i	0.2097+0.7731i	-16.5685-6.3779i	-1.5186-2.2864i	0.3026-0.1000i	-0.9498-0.1023i	-0.8541-1.8996i	0.5115+0.3902i
38.7	-1.8374-2.2180i	0.2447+0.7770i	-16.5725-6.4656i	-1.5732-2.2140i	0.1764+0.0856i	-0.9514+0.0201i	-0.9044-1.8906i	0.5184+0.3354i
38.8	-1.9398-2.0740i	0.2917+0.7717i	-16.5668-6.3050i	-1.6939-2.1034i	0.0688+0.1032i	-0.9372+0.1759i	-1.0047-1.8552i	0.5449+0.2767i
38.9	-1.9996-1.8647i	0.3133+0.7402i	-16.4100-6.2790i	-1.7766-1.9317i	0.0379-0.0563i	-0.8564+0.3928i	-1.1159-1.8034i	0.5239+0.1740i
39.0	-2.0088-1.6728i	0.3354+0.7153i	-16.2412-6.0726i	-1.8256-1.7571i	-0.0161-0.1559i	-0.7158+0.5007i	-1.1931-1.6940i	0.5073+0.1294i
39.1	-1.9878-1.5117i	0.3507+0.6915i	-16.1679-6.0736i	-1.8734-1.6133i	0.0685+0.0213i	-0.4382+0.6266i	-1.2785-1.6199i	0.4860+0.0697i
39.2	-1.9544-1.4333i	0.3496+0.6978i	-16.0601-6.4114i	-1.8878-1.5525i	0.0636+0.1401i	-0.2100+0.7264i	-1.3472-1.6043i	0.4354+0.0323i
39.3	-1.9668-1.3285i	0.3866+0.7016i	-16.3394-6.3280i	-1.9651-1.4424i	0.0668+0.0708i	0.0667+0.6805i	-1.4683-1.5181i	0.3992+0.0257i
39.4	-1.9526-1.1909i	0.4208+0.6778i	-16.2773-6.1250i	-1.9966-1.2729i	0.0599+0.1960i	0.2528+0.5881i	-1.5467-1.3936i	0.3667-0.0063i
39.5	-1.8751-1.0895i	0.4095+0.6394i	-15.9689-6.0287i	-1.9533-1.1243i	-0.0693+0.1114i	0.4117+0.4517i	-1.5558-1.2738i	0.3377-0.0292i
39.6	-1.8574-1.0060i	0.4001+0.6090i	-16.0288-5.7453i	-1.9633-1.0091i	0.0666+0.1459i	0.5699+0.3066i	-1.6222-1.1710i	0.3026-0.0364i
39.7	-1.8542-0.9670i	0.4087+0.6140i	-16.1145-6.0889i	-1.9387-0.9379i	0.1816+0.1405i	0.4781+0.1741i	-1.6306-1.0960i	0.2787-0.0517i
39.8	-1.7785-0.8625i	0.4345+0.5958i	-15.8084-6.2124i	-1.8821-0.8168i	0.1543+0.0312i	0.5956+0.1571i	-1.6063-0.9935i	0.2633-0.0732i
39.9	-1.7295-0.8002i	0.4567+0.5684i	-15.9797-6.0749i	-1.8599-0.7334i	0.0806+0.0063i	0.7456+0.0533i	-1.6269-0.9032i	0.2320-0.0659i
40.0	-1.7096-0.7540i	0.4678+0.5456i	-16.1153-5.8733i	-1.8464-0.6676i	0.1094-0.0564i	0.8156-0.0367i	-1.6518-0.8319i	0.1924-0.0637i
40.1	-1.6485-0.6911i	0.4602+0.5292i	-15.8061-5.8117i	-1.7879-0.5726i	0.0883-0.0209i	0.8215-0.1761i	-1.6252-0.7358i	0.1697-0.0672i
40.2	-1.6283-0.6366i	0.4690+0.5064i	-15.6694-5.6302i	-1.7882-0.4891i	0.0721+0.1486i	0.9281-0.3155i	-1.6438-0.6455i	0.1585-0.0669i
40.3	-1.6338-0.6105i	0.4806+0.4870i	-15.7645-5.6994i	-1.7847-0.4424i	0.1815+0.1168i	0.8872-0.3857i	-1.6453-0.6043i	0.1515-0.0748i
40.4	-1.6288-0.5444i	0.4974+0.4633i	-15.6998-5.5714i	-1.7901-0.3434i	0.0739+0.2614i	0.9472-0.4739i	-1.6579-0.5180i	0.1477-0.0834i
40.5	-1.5831-0.5056i	0.4986+0.4682i	-15.4230-5.6491i	-1.7326-0.2698i	0.0823+0.1976i	0.9652-0.6464i	-1.6422-0.4145i	0.1174-0.0402i
40.6	-1.5591-0.4828i	0.5219+0.4377i	-15.4455-5.5833i	-1.6928-0.2094i	0.2067+0.2072i	0.8874-0.8585i	-1.6101-0.3325i	0.1357-0.0331i
40.7	-1.5171-0.4404i	0.5219+0.3726i	-15.1969-5.8394i	-1.6440-0.1564i	0.3402+0.2662i	0.8601-0.8870i	-1.5730-0.2825i	0.1434-0.0617i
40.8	-1.5907-0.4165i	0.5457+0.3289i	-15.4988-6.0193i	-1.7247-0.1488i	0.0658+0.1259i	0.8778-0.7725i	-1.6220-0.2701i	0.1722-0.0761i
40.9	-1.5551-0.3329i	0.5409+0.2675i	-15.3586-6.2650i	-1.6857-0.0432i	0.0602+0.0581i	0.8845-0.8102i	-1.5946-0.1977i	0.1640-0.1247i
41.0	-1.4925-0.2447i	0.5025+0.2126i	-15.0997-6.2250i	-1.5924+0.0678i	0.1225+0.2760i	0.7502-0.8258i	-1.5202-0.1052i	0.1363-0.1502i
41.1	-1.4413-0.1801i	0.4457+0.1613i	-15.2643-6.1152i	-1.5406+0.1405i	0.2323+0.3394i	0.8221-0.7575i	-1.4867-0.0559i	0.1168-0.1767i
41.2	-1.3414-0.1522i	0.3872+0.1366i	-15.2770-6.1767i	-1.4430+0.1647i	0.4093+0.1224i	0.9728-0.7035i	-1.4282-0.0638i	0.0678-0.2294i
41.3	-1.2685-0.2011i	0.3276+0.1829i	-15.3710-6.3607i	-1.3599+0.1571i	0.3751+0.0866i	1.0669-1.0497i	-1.3998-0.0135i	-0.0336-0.1877i
41.4	-1.2994-0.1895i	0.3535+0.1460i	-15.4602-6.3654i	-1.3955+0.1875i	0.1487+0.0515i	0.9965-1.1636i	-1.4114+0.0367i	-0.0288-0.1388i
41.5	-1.2490-0.1236i	0.2704+0.1158i	-15.7638-6.5135i	-1.3050+0.2364i	0.2673+0.1243i	0.8769-1.0291i	-1.3674+0.0890i	-0.0612-0.0994i
41.6	-1.1626-0.1607i	0.2512+0.1713i	-15.7129-6.3816i	-1.2408+0.2090i	0.3483+0.1120i	1.0321-1.1480i	-1.2833+0.1034i	0.0007-0.0486i
41.7	-1.2063-0.1542i	0.2238+0.0919i	-15.5684-6.2412i	-1.3309+0.2643i	0.4683+0.1480i	1.2742-1.3508i	-1.3728+0.0956i	0.0295-0.1723i
41.8	-1.2282-0.0754i	0.1353+0.0674i	-16.0157-5.8289i	-1.3332+0.3903i	0.4100+0.1430i	1.1991-1.4807i	-1.3994+0.1860i	-0.0293-0.2246i
41.9	-1.1424-0.0607i	0.0558+0.1343i	-15.9860-5.8574i	-1.1994+0.4203i	0.4256+0.0254i	1.0949-1.6172i	-1.2959+0.2544i	-0.0829-0.1992i
42.0	-1.0848-0.1019i	0.0615+0.2382i	-15.8547-5.8078i	-1.1278+0.3484i	0.2451-0.0448i	1.0727-1.5676i	-1.2106+0.2038i	-0.1104-0.1904i
42.1	-1.1290-0.1221i	0.0851+0.2555i	-16.0497-5.8242i	-1.1840+0.3281i	0.1727+0.1539i	1.0726-1.5266i	-1.2373+0.1582i	-0.1126-0.1871i
42.2	-1.1234-0.1055i	0.1018+0.3175i	-15.9234-5.8507i	-1.1306+0.3765i	0.2875+0.2171i	0.9003-1.6375i	-1.2117+0.2076i	-0.1311-0.1505i
42.3	-1.1476-0.0677i	0.1709+0.3147i	-16.1815-5.6307i	-1.1487+0.4278i	0.1957-0.0343i	0.8230-1.6436i	-1.1474+0.1945i	-0.0634-0.1842i
42.4	-1.1353-0.0018i	0.0858+0.2650i	-16.0964-5.8672i	-1.1390+0.5406i	0.2803+0.1794i	1.0257-1.9822i	-1.2669+0.2547i	-0.1850-0.2194i
42.5	-1.0738+0.0213i	0.0376+0.3035i	-16.4078-5.8099i	-1.0695+0.5534i	0.3393+0.2923i	1.1367-2.0077i	-1.3294+0.3134i	-0.2919-0.1659i
42.6	-0.9942+0.0181i	0.0419+0.3563i	-16.2291-5.5399i	-0.9959+0.5636i	0.5060+0.3625i	1.2289-2.0732i	-1.3009+0.3301i	-0.3200-0.1311i
42.7	-0.9420-0.0046i	0.1064+0.3717i	-15.7214-5.5023i	-0.9183+0.5543i	0.4541+0.2203i	1.0657-2.1886i	-1.2386+0.3654i	-0.2882-0.0788i
42.8	-0.9144-0.0139i	0.1126+0.3557i	-15.3273-5.7869i	-0.8935+0.5486i	0.5792+0.2876i	1.0789-2.1267i	-1.2184+0.3348i	-0.2430-0.1169i
42.9	-0.9445+0.0142i	0.0951+0.3767i	-15.7463-5.5624i	-0.9037+0.6651i	0.5024+0.0856i	1.1310-2.5302i	-1.2754+0.4537i	-0.3058-0.1821i
43.0	-0.9685+0.0448i	0.1647+0.3908i	-15.8367-5.2202i	-0.8362+0.6922i	0.6783-0.2233i	0.8050-2.6920i	-1.2323+0.5608i	-0.3691-0.0984i
43.1	-0.9207+0.0621i	0.1650+0.3607i	-15.3025-5.2718i	-0.7631+0.7072i	0.6842-0.1421i	0.7483-2.7615i	-1.1912+0.5816i	-0.3923-0.0591i
43.2	-0.8333+0.0961i	0.1554+0.3325i	-15.0154-5.2024i	-0.6699+0.7133i	0.5768-0.0654i	0.5809-2.7793i	-1.0611+0.6782i	-0.3139+0.0108i
43.3	-0.7792+0.0339i	0.1425+0.3612i	-14.8552-5.4344i	-0.6199+0.6842i	0.6082-0.3343i	0.5765-2.9503i	-0.9865+0.6556i	-0.3089-0.0531i
43.4	-0.7866-0.0284i	0.1683+0.3221i	-14.3477-5.6105i	-0.6052+0.6474i	0.5783-0.3555i	0.6143-2.9602i	-1.0365+0.5711i	-0.4120-0.0523i

43.5	-0.8260+0.0163i	0.1362+0.2786i	-14.3664-5.4304i	-0.6279+0.7196i	0.5423-0.1176i	0.5985-3.0579i	-1.0955+0.6535i	-0.4385-0.0227i
43.6	-0.8273+0.0573i	0.0927+0.2994i	-14.6179-5.7729i	-0.5754+0.7647i	0.5359-0.2177i	0.5354-3.1583i	-1.1203+0.7516i	-0.4843+0.0391i
43.7	-0.7269+0.0392i	0.1351+0.3315i	-14.3851-5.9059i	-0.4264+0.7706i	0.6491-0.1017i	0.4305-3.4738i	-0.9874+0.7857i	-0.4538+0.0561i
43.8	-0.7113+0.0743i	0.1360+0.2768i	-13.9603-5.8051i	-0.2981+0.7986i	0.7543-0.3278i	-0.2558-3.5649i	-0.8366+0.8597i	-0.4522+0.0850i
43.9	-0.6571+0.0942i	0.0691+0.2586i	-13.5684-6.0931i	-0.2094+0.7434i	0.6983-0.2869i	-0.5266-3.2756i	-0.7059+0.8589i	-0.4415+0.1310i
44.0	-0.6306+0.0791i	-0.0480+0.2907i	-13.7977-6.5332i	-0.2057+0.7093i	0.5721-0.1821i	-0.3854-3.2023i	-0.7111+0.8394i	-0.4632+0.1669i
44.1	-0.5955-0.0042i	0.0695+0.3719i	-13.3695-6.7371i	-0.1144+0.6451i	0.4572-0.3150i	-0.5229-3.5724i	-0.6574+0.8612i	-0.4757+0.2495i
44.2	-0.6286+0.0317i	0.1423+0.2569i	-13.1074-6.8191i	-0.0421+0.6358i	0.4360-0.2791i	-1.2387-3.4541i	-0.5335+0.8594i	-0.3928+0.2886i
44.3	-0.4855+0.1189i	-0.0651+0.2684i	-12.6309-6.6336i	0.1260+0.6140i	0.3644-0.2879i	-1.2649-2.9220i	-0.3947+0.9283i	-0.3738+0.3405i
44.4	-0.4075+0.0333i	-0.0960+0.3629i	-12.9688-7.1289i	0.1366+0.4385i	0.1469-0.2773i	-0.9136-2.5042i	-0.3205+0.7604i	-0.3134+0.3087i
44.5	-0.3923-0.1053i	0.0012+0.4328i	-13.1076-7.5246i	0.0969+0.3328i	0.2454-0.3312i	-0.5981-2.7630i	-0.3891+0.6221i	-0.3377+0.2864i
44.6	-0.4307-0.1856i	0.0676+0.4692i	-12.7563-8.1679i	0.0649+0.2481i	0.2293-0.2604i	-0.8342-3.1168i	-0.3511+0.6723i	-0.2636+0.3770i
44.7	-0.4241-0.2218i	0.1384+0.4359i	-12.5696-8.3520i	0.0321+0.1871i	0.2176-0.2844i	-0.8061-3.0725i	-0.2689+0.6078i	-0.1662+0.3497i
44.8	-0.4908-0.2977i	0.1740+0.2912i	-12.5388-9.4168i	-0.0362+0.1401i	0.2951-0.4269i	-0.8900-3.2652i	-0.3533+0.4973i	-0.1775+0.2792i
44.9	-0.4887-0.3650i	0.0571+0.2425i	-12.3533-10.8068i	0.0093+0.0752i	0.4500-0.5203i	-1.1806-3.3869i	-0.3947+0.4233i	-0.2473+0.2433i
45.0	-0.4747-0.3773i	-0.0606+0.2523i	-12.3994-11.0778i	0.0668+0.0615i	0.4116-0.4633i	-1.4735-3.2416i	-0.3542+0.3813i	-0.2508+0.2006i
45.1	-0.4821-0.4245i	-0.1338+0.3601i	-12.5835-11.8834i	0.0756-0.0289i	0.3010-0.5811i	-1.5132-3.1137i	-0.3733+0.3739i	-0.2919+0.2323i
45.2	-0.5020-0.4681i	-0.0597+0.4192i	-13.2264-12.4139i	0.0282-0.1079i	0.4152-0.5328i	-1.3598-3.1326i	-0.4333+0.3782i	-0.3122+0.2679i
45.3	-0.5942-0.5197i	-0.0061+0.3899i	-14.3036-13.2608i	-0.0442-0.1886i	0.3743-0.5264i	-1.6241-3.1824i	-0.4679+0.3717i	-0.3169+0.3071i
45.4	-0.6638-0.5207i	-0.0262+0.3468i	-15.1698-13.1491i	-0.1331-0.2757i	0.1864-0.4065i	-1.8222-2.6291i	-0.4337+0.2445i	-0.2556+0.2984i
45.5	-0.7268-0.5189i	0.0076+0.3550i	-15.9943-12.5458i	-0.3301-0.2508i	0.1970-0.3090i	-1.3281-2.5330i	-0.5629+0.1866i	-0.2148+0.2631i
45.6	-0.8270-0.5809i	-0.1004+0.2720i	-16.2816-13.7200i	-0.4188-0.2272i	0.2037-0.3910i	-1.5258-3.1772i	-0.6969+0.2776i	-0.2657+0.2882i
45.7	-0.8718-0.5737i	-0.1395+0.2759i	-17.0661-14.0623i	-0.4544-0.2407i	0.1658-0.3929i	-1.7906-3.0118i	-0.6950+0.2758i	-0.2425+0.3045i
45.8	-0.9834-0.4998i	-0.2609+0.2617i	-18.5018-13.8383i	-0.5764-0.1288i	0.1317-0.7098i	-1.9086-2.9979i	-0.8221+0.3899i	-0.2572+0.2955i
45.9	-1.0220-0.5251i	-0.3629+0.4021i	-18.8566-14.3171i	-0.5762-0.1678i	0.0404-0.8658i	-2.2711-2.8503i	-0.7962+0.4048i	-0.2659+0.3356i
46.0	-1.0512-0.5306i	-0.3133+0.5736i	-19.3979-14.4827i	-0.5746-0.1826i	-0.0149-0.5928i	-2.3780-2.7546i	-0.7332+0.4303i	-0.2308+0.3583i
46.1	-1.1156-0.4814i	-0.2579+0.5851i	-20.1452-13.9412i	-0.6174-0.1773i	0.1022-0.5048i	-2.5336-2.5492i	-0.7072+0.4314i	-0.2117+0.3527i
46.2	-1.1023-0.3823i	-0.2766+0.6178i	-20.3585-13.0600i	-0.6610-0.1159i	0.1058-0.5443i	-2.2857-2.2730i	-0.7681+0.4376i	-0.2233+0.3464i
46.3	-1.0934-0.3505i	-0.3027+0.6993i	-20.6661-12.4997i	-0.7017-0.0539i	-0.0535-0.6560i	-2.0699-2.3184i	-0.8232+0.5202i	-0.2418+0.3696i
46.4	-1.1173-0.3317i	-0.2346+0.7635i	-20.8589-11.9961i	-0.7372+0.0186i	-0.0136-0.4420i	-1.9414-2.3599i	-0.8837+0.5699i	-0.2505+0.3671i
46.5	-1.1713-0.2707i	-0.1830+0.7781i	-21.0093-11.5012i	-0.7420+0.1146i	0.0795-0.4009i	-2.1403-2.5072i	-0.8613+0.7009i	-0.2232+0.4074i
46.6	-1.1983-0.2289i	-0.1890+0.7729i	-21.2063-11.4106i	-0.7255+0.1271i	0.1449-0.5123i	-2.4581-2.3155i	-0.7890+0.7281i	-0.1842+0.4190i
46.7	-1.1864-0.2026i	-0.1613+0.8344i	-21.2897-11.4868i	-0.7267+0.1284i	0.2631-0.6780i	-2.3143-2.0657i	-0.7893+0.7385i	-0.1807+0.4196i
46.8	-1.1881-0.0712i	-0.1341+0.8331i	-21.9406-10.3789i	-0.7220+0.2825i	0.1160-0.5015i	-2.0877-2.3114i	-0.7322+0.9166i	-0.1408+0.4290i
46.9	-1.2056-0.0410i	-0.1906+0.8161i	-22.2273-10.3892i	-0.7307+0.3033i	-0.0498-0.5570i	-2.3016-2.2763i	-0.6947+0.9133i	-0.1295+0.3955i
47.0	-1.1322-0.0208i	-0.1284+0.8675i	-22.1486-10.1344i	-0.6759+0.3037i	-0.0480-0.5427i	-2.3568-2.0761i	-0.5952+0.8772i	-0.1030+0.3888i
47.1	-1.0841-0.0018i	-0.0710+0.9543i	-21.9057-9.8363i	-0.6684+0.3607i	0.1056-0.4496i	-2.0898-2.2450i	-0.5772+0.9509i	-0.0860+0.4101i
47.2	-1.1081+0.0015i	-0.0687+0.9692i	-21.8278-9.8361i	-0.6659+0.4128i	-0.0720-0.5845i	-2.3228-2.4295i	-0.5389+0.9802i	-0.0720+0.3813i
47.3	-1.1077-0.0049i	-0.0392+0.9580i	-21.8055-9.5343i	-0.6202+0.4046i	-0.2127-0.7635i	-2.6082-2.2482i	-0.4713+0.9207i	-0.0645+0.3520i
47.4	-1.1061+0.0150i	0.0189+1.0040i	-21.6306-9.3266i	-0.5899+0.3996i	-0.1475-0.5682i	-2.6844-1.9761i	-0.4217+0.8876i	-0.0515+0.3324i
47.5	-1.1155+0.0535i	0.0854+1.0061i	-21.7218-9.2373i	-0.5915+0.4228i	-0.0784-0.4838i	-2.5939-1.8767i	-0.3952+0.9179i	-0.0427+0.3292i
47.6	-1.0830+0.0582i	0.0637+0.9409i	-21.6423-9.0489i	-0.5639+0.4168i	-0.1828-0.3405i	-2.5856-1.8867i	-0.3408+0.8485i	-0.0411+0.2899i
47.7	-1.1067+0.0465i	0.0459+0.9806i	-21.7147-9.1827i	-0.6276+0.4346i	-0.2367-0.4075i	-2.3006-1.9040i	-0.4394+0.8287i	-0.0630+0.2749i
47.8	-1.1382+0.1297i	0.0716+1.0653i	-22.0824-8.8161i	-0.5879+0.5356i	-0.3783-0.5007i	-2.6084-1.9911i	-0.4173+0.9123i	-0.0836+0.2777i
47.9	-1.1694+0.1929i	0.1087+1.1350i	-22.0882-8.7653i	-0.5603+0.5512i	-0.2530-0.4578i	-2.9313-1.6274i	-0.3883+0.9236i	-0.0981+0.2868i
48.0	-1.1307+0.2252i	0.1652+1.1549i	-21.8262-8.9452i	-0.5158+0.5324i	-0.1947-0.4315i	-2.9523-1.3141i	-0.3468+0.8994i	-0.1036+0.2893i
48.1	-1.1016+0.2913i	0.2439+1.1888i	-21.7841-9.1557i	-0.5305+0.5563i	-0.1857-0.4566i	-2.4852-1.1358i	-0.3812+0.9416i	-0.1087+0.3084i
48.2	-1.0871+0.2993i	0.2829+1.1556i	-22.0446-9.2117i	-0.5582+0.6120i	-0.1332-0.3895i	-2.1657-1.5287i	-0.3980+0.9913i	-0.1007+0.2864i
48.3	-1.0670+0.3440i	0.3514+1.1474i	-22.3620-9.1176i	-0.5189+0.6376i	-0.1456-0.4538i	-2.2087-1.4117i	-0.3714+0.9945i	-0.1171+0.2828i
48.4	-0.9593+0.3290i	0.4236+1.1157i	-22.4306-8.9399i	-0.4386+0.6377i	-0.2161-0.4311i	-2.1003-1.6182i	-0.2729+0.9903i	-0.0922+0.2763i
48.5	-0.9827+0.2898i	0.4430+1.1075i	-22.5401-8.8307i	-0.4181+0.6353i	-0.4012-0.3994i	-2.3993-1.7409i	-0.2720+0.9648i	-0.1220+0.2482i
48.6	-0.9322+0.3258i	0.4777+1.0758i	-22.8051-8.5349i	-0.3830+0.6492i	-0.2858-0.4643i	-2.3469-1.7434i	-0.2259+0.9810i	-0.1290+0.2554i
48.7	-0.9145+0.3176i	0.4891+1.0781i	-22.8045-8.4118i	-0.3637+0.6569i	-0.2596-0.3887i	-2.5446-1.8092i	-0.2117+0.9634i	-0.1499+0.2512i
48.8	-0.9352+0.2930i	0.5136+1.0931i	-22.7808-8.3862i	-0.3559+0.6496i	-0.4256-0.2665i	-2.7448-1.5605i	-0.2579+0.9519i	-0.1845+0.2685i
48.9	-0.9597+0.3011i	0.5833+1.0667i	-22.9878-8.4184i	-0.3433+0.6552i	-0.3585-0.1263i	-2.6232-1.3075i	-0.2258+0.9874i	-0.1602+0.2898i
49.0	-0.9441+0.3307i	0.6115+1.0172i	-23.2022-8.3465i	-0.3125+0.6596i	-0.0899-0.2849i	-2.5224-1.2982i	-0.1679+0.9977i	-0.1484+0.2762i
49.1	-0.9355+0.3804i	0.6263+1.0380i	-23.1063-8.4136i	-0.2930+0.6879i	-0.0788-0.5554i	-2.3920-1.3301i	-0.1572+1.0370i	-0.1676+0.2797i
49.2	-0.8948+0.3938i	0.6446+1.0041i	-23.0704-8.2304i	-0.2528+0.6778i	-0.2015-0.5190i	-2.4014-1.4011i	-0.1000+1.0173i	-0.1826+0.2810i
49.3	-0.8783+0.3947i	0.6620+0.9984i	-23.0188-8.1741i	-0.2398+0.6690i	-0.4253-0.5525i	-2.4737-1.3912i	-0.0842+0.9931i	-0.1995+0.2928i
49.4	-0.8456+0.3959i	0.7002+1.0343i	-23.1469-7.9857i	-0.2183+0.6573i	-0.3238-0.4854i	-2.5554-1.3162i	-0.0629+1.0097i	-0.1998+0.3408i
49.5	-0.8303+0.4333i	0.7481+1.0135i	-23.3547-7.9934i	-0.2192+0.6668i	-0.0944-0.3848i	-2.2936-1.1275i	-0.0444+1.0268i	-0.1852+0.3404i
49.6	-0.7470+0.4824i	0.8287+0.9787i	-23.6591-7.9482i	-0.2047+0.7319i	-0.2243-0.3954i	-1.8105-1.4476i	-0.0143+1.0469i	-0.1648+0.3399i
49.7	-0.7152+0.3888i	0.8893+0.9079i	-23.6550-7.7234i	-0.1474+0.7405i	-0.3699-0.2627i	-2.2548-2.1048i	0.0329+1.0356i	-0.1459+0.3217i

49.8	−0.7495+0.3013i	0.8810+0.8439i	−23.4216−7.5384i	−0.1019+0.6904i	−0.3086−0.0997i	−2.8831−2.0795i	0.0604+0.9913i	−0.1703+0.3006i
49.9	−0.8345+0.3150i	0.8922+0.8363i	−23.2774−7.7129i	−0.1029+0.6612i	−0.2224−0.2983i	−3.0365−1.6090i	0.0763+0.9898i	−0.1837+0.3216i
50.0	−0.8495+0.3657i	0.9225+0.7612i	−23.3814−7.5763i	−0.1238+0.6532i	−0.3817−0.3355i	−2.8816−1.5272i	0.0830+0.9668i	−0.1765+0.3072i
50.1	−0.8291+0.3491i	0.9139+0.7071i	−23.1672−7.5600i	−0.1096+0.6353i	−0.3292−0.3442i	−2.9652−1.5499i	0.0729+0.9178i	−0.2020+0.2737i
50.2	−0.8496+0.3536i	0.8991+0.6837i	−23.1592−7.4860i	−0.1230+0.6160i	−0.2606−0.2446i	−2.9464−1.3556i	0.0552+0.8992i	−0.2428+0.3067i
50.3	−0.8014+0.3951i	0.8924+0.6341i	−23.4693−7.3874i	−0.0965+0.6489i	−0.0977−0.1144i	−2.8825−1.3553i	0.0842+0.9380i	−0.2437+0.3387i
50.4	−0.7870+0.3518i	0.8818+0.6099i	−23.3518−7.4723i	−0.0728+0.6381i	−0.3265−0.3156i	−2.9911−1.4612i	0.1016+0.9282i	−0.2495+0.3333i
50.5	−0.7777+0.3394i	0.8325+0.6216i	−23.1094−7.4751i	−0.0265+0.6140i	−0.3483−0.4552i	−3.2044−1.3619i	0.1477+0.9096i	−0.2709+0.3486i
50.6	−0.8200+0.4213i	0.8143+0.6284i	−23.2933−7.7933i	−0.0180+0.6366i	−0.3698−0.4676i	−3.2905−0.9707i	0.1436+0.9336i	−0.2970+0.3854i
50.7	−0.8524+0.4140i	0.8460+0.6297i	−23.6023−7.8968i	−0.0612+0.5724i	−0.3487−0.3329i	−3.0820−0.7598i	0.1043+0.8960i	−0.2899+0.4412i
50.8	−0.7367+0.4172i	0.8947+0.6008i	−24.1703−7.7550i	−0.0296+0.5671i	−0.2155−0.2808i	−2.6605−0.9694i	0.1209+0.8893i	−0.2405+0.4330i
50.9	−0.6644+0.4354i	0.9458+0.5469i	−24.1357−7.6980i	0.0143+0.6300i	−0.2602−0.4864i	−2.6220−1.3444i	0.1498+0.9187i	−0.2457+0.3861i
51.0	−0.7031+0.4019i	0.9597+0.4989i	−24.1155−7.3795i	0.0184+0.5964i	−0.3060−0.4298i	−2.7912−1.3461i	0.1727+0.9145i	−0.2718+0.4000i
51.1	−0.6337+0.3489i	0.8984+0.4581i	−24.1734−7.1705i	0.0721+0.5682i	−0.2918−0.3424i	−3.0363−1.3801i	0.2130+0.8876i	−0.2992+0.4138i
51.2	−0.7433+0.2742i	0.8988+0.4915i	−23.9490−7.3020i	0.0360+0.5104i	−0.3789−0.3369i	−3.1800−1.0719i	0.1824+0.8852i	−0.2864+0.4701i
51.3	−0.8345+0.4311i	0.9868+0.4301i	−24.4743−7.5593i	−0.0080+0.5703i	−0.3649−0.1764i	−2.7832−0.8608i	0.2122+0.9290i	−0.2433+0.4786i
51.4	−0.7112+0.5271i	0.9891+0.3021i	−24.5517−7.2098i	0.0374+0.6165i	−0.4801−0.1932i	−2.5441−1.3022i	0.2627+0.9047i	−0.2531+0.4381i
51.5	−0.6754+0.3779i	0.8491+0.2508i	−24.2987−6.8187i	0.0463+0.5426i	−0.5779−0.4644i	−3.0036−1.5482i	0.2473+0.8666i	−0.3232+0.4356i
51.6	−0.6666+0.2528i	0.7431+0.2366i	−24.1457−6.8255i	0.0889+0.4701i	−0.6922−0.3790i	−3.4742−1.4551i	0.2613+0.8280i	−0.3932+0.4531i
51.7	−0.6564+0.2229i	0.6902+0.2697i	−24.3711−6.9609i	0.1272+0.4222i	−0.7063−0.4696i	−3.5429−1.1947i	0.2904+0.7882i	−0.4294+0.4966i
51.8	−0.6986+0.2125i	0.6912+0.3040i	−24.5300−7.3066i	0.0770+0.3852i	−0.2449−0.4166i	−3.4284−1.0519i	0.2678+0.7984i	−0.4144+0.5908i
51.9	−0.7152+0.1693i	0.7338+0.2906i	−24.6608−7.1524i	0.0443+0.3536i	−0.5038−0.0683i	−3.4022−1.2579i	0.3027+0.8002i	−0.2722+0.6394i
52.0	−0.7465+0.2235i	0.7230+0.2546i	−24.7098−7.2466i	0.0354+0.4077i	−0.4187−0.1624i	−3.5678−1.2209i	0.3250+0.8092i	−0.2262+0.5893i
52.1	−0.8059+0.1458i	0.6477+0.2568i	−24.5017−6.8613i	−0.0073+0.3445i	−0.2850−0.3560i	−3.5848−1.0279i	0.3022+0.7492i	−0.2885+0.5636i
52.2	−0.9281+0.1122i	0.5966+0.3196i	−24.3124−6.9713i	−0.0641+0.3515i	−0.5252−0.4354i	−3.6577−0.9941i	0.2860+0.7499i	−0.3365+0.5720i
52.3	−1.0647+0.1701i	0.5935+0.3791i	−24.2373−7.1227i	−0.1060+0.3607i	−0.6678−0.4825i	−3.7048−0.8938i	0.2860+0.7483i	−0.3944+0.6189i
52.4	−1.0961+0.2478i	0.6186+0.3879i	−24.5882−6.9396i	−0.1109+0.3501i	−0.6833−0.1497i	−3.7774−0.9207i	0.2825+0.7314i	−0.4665+0.7107i
52.5	−1.0958+0.3387i	0.6065+0.4070i	−24.6998−7.3361i	−0.1106+0.4089i	−0.5674+0.0234i	−3.9393−0.7831i	0.2975+0.7418i	−0.4340+0.7629i
52.6	−1.1723+0.4379i	0.6303+0.4489i	−24.6362−7.3480i	−0.1701+0.4220i	−0.4951+0.0702i	−3.9012−0.4363i	0.2711+0.7495i	−0.4140+0.8533i
52.7	−1.1372+0.4060i	0.6274+0.4499i	−24.6453−6.7453i	−0.1671+0.3532i	−0.8643−0.0409i	−3.6575−0.5111i	0.2538+0.6967i	−0.4679+0.8581i
52.8	−1.0368+0.5285i	0.6599+0.4839i	−25.3089−7.0717i	−0.1085+0.4495i	−1.1160+0.0316i	−3.6037−0.6421i	0.2710+0.7592i	−0.4714+0.9699i
52.9	−0.9599+0.4723i	0.7505+0.5102i	−25.7011−6.8805i	−0.0969+0.3902i	−1.1687+0.3303i	−3.6133−0.8324i	0.3126+0.7736i	−0.3510+1.1400i
53.0	−1.0671+0.3022i	0.8405+0.4187i	−24.8745−6.3923i	−0.1804+0.3168i	−0.9056+0.0489i	−4.0583−1.1052i	0.3143+0.7196i	−0.2364+1.0674i
53.1	−1.1967+0.5047i	0.8258+0.3374i	−24.8265−7.3882i	−0.2543+0.4689i	−0.8944+0.0277i	−4.4064−0.6816i	0.2946+0.7658i	−0.2354+1.0282i
53.2	−1.3573+0.5707i	0.7424+0.3034i	−24.3382−7.4998i	−0.3564+0.4646i	−0.9386+0.5259i	−4.6794−0.3215i	0.2580+0.7640i	−0.2208+1.1853i
53.3	−1.2829+0.6924i	0.6519+0.3086i	−25.0022−7.7718i	−0.3014+0.5349i	−0.7263+0.4861i	−4.6163+0.0714i	0.3159+0.7602i	−0.1589+1.1937i
53.4	−1.2421+0.8165i	0.6189+0.3962i	−25.0173−8.1299i	−0.2961+0.6352i	−0.7136+0.1676i	−4.3302+0.2512i	0.3105+0.7760i	−0.1338+1.1541i
53.5	−1.2630+0.8329i	0.7447+0.5250i	−24.8100−8.2642i	−0.3265+0.5965i	−0.7054+0.5462i	−4.1964+0.1305i	0.3033+0.7786i	−0.0685+1.3938i
53.6	−1.2937+0.7503i	0.8534+0.4431i	−24.8407−8.1814i	−0.3859+0.5537i	−0.5519+0.6014i	−4.5516−0.0620i	0.3461+0.7163i	0.2537+1.3303i
53.7	−1.2597+0.9076i	0.7936+0.3550i	−25.4227−8.1863i	−0.3326+0.6679i	−0.6772+0.4951i	−4.6572+0.4254i	0.3262+0.6923i	0.1349+1.0861i
53.8	−1.3792+1.0087i	0.7445+0.3559i	−24.5289−8.5631i	−0.4567+0.7089i	−0.6632+0.6158i	−4.7293+0.7393i	0.2119+0.7208i	−0.0196+1.2198i
53.9	−1.3634+1.1831i	0.6976+0.3899i	−24.7451−9.9820i	−0.4248+0.8990i	−0.5263+0.5978i	−4.5956+1.1110i	0.2062+0.8093i	−0.0526+1.2538i
54.0	−1.2826+1.2482i	0.7218+0.5448i	−25.7991−9.9071i	−0.2912+0.9271i	−0.6401+0.5945i	−4.2822+1.0587i	0.2376+0.8579i	−0.1667+1.4166i
54.1	−1.1687+1.2311i	0.8499+0.5629i	−26.4419−9.2776i	−0.1635+0.7869i	−0.7896+0.6922i	−4.3840+1.0892i	0.3206+0.8514i	−0.1256+1.7599i
54.2	−1.1195+1.4115i	0.9725+0.4420i	−26.0681−9.8435i	−0.2485+0.8690i	−0.4011+0.9621i	−4.2951+1.4897i	0.3346+0.8920i	0.2717+1.8612i
54.3	−1.0842+1.4929i	1.0014+0.3564i	−26.3265−10.2449i	−0.2712+0.9385i	−0.2754+1.1154i	−4.2167+1.7783i	0.3592+0.9014i	0.5247+1.8478i
54.4	−0.9806+1.6101i	1.0477+0.3057i	−27.1876−10.6961i	−0.2482+1.0102i	−0.1262+1.2410i	−3.8043+1.9611i	0.4003+0.9229i	0.8331+1.8692i
54.5	−0.9399+1.7669i	1.1151+0.2215i	−27.3411−11.1150i	−0.3069+1.1211i	0.2044+1.0060i	−3.5259+2.0499i	0.4000+0.9532i	1.1746+1.7981i
54.6	−0.8101+1.7600i	1.1045+0.1480i	−28.1470−10.8085i	−0.2397+1.1325i	0.3946+0.6184i	−3.2666+1.9925i	0.4312+0.9352i	1.3134+1.6208i
54.7	−0.7148+1.7084i	1.1086+0.1084i	−28.6168−10.0760i	−0.2035+1.0882i	0.5230+0.7406i	−3.1031+1.7307i	0.4643+0.9057i	1.3789+1.5444i
54.8	−0.6400+1.7760i	1.0990−0.0641i	−28.5398−10.4340i	−0.2270+1.2114i	0.7345+0.5837i	−3.2017+1.6292i	0.4757+0.9254i	1.5954+1.3037i
54.9	−0.5551+1.7325i	0.9852−0.1096i	−29.1887−10.5319i	−0.1399+1.2391i	0.5988+0.5187i	−3.3245+1.7311i	0.5162+0.9003i	1.6057+1.1358i
55.0	−0.4205+1.7797i	0.9294−0.1620i	−29.8741−10.5538i	−0.0442+1.3118i	0.7241+0.4453i	−3.1017+1.7919i	0.5485+0.9072i	1.6671+0.9146i
55.1	−0.3589+1.8051i	0.8972−0.1595i	−30.4481−10.3564i	−0.0018+1.3401i	0.6305+0.4614i	−2.9253+1.8274i	0.5675+0.9035i	1.7201+0.8191i
55.2	−0.2906+1.8157i	0.8444−0.1833i	−30.4080−10.1588i	0.0441+1.3644i	0.5327+0.3217i	−2.8591+1.8692i	0.5730+0.9038i	1.6807+0.6502i
55.3	−0.1025+1.8169i	0.7233−0.2401i	−31.3495−10.0817i	0.1789+1.4149i	0.6002+0.0014i	−2.6201+1.8501i	0.6297+0.9151i	1.6597+0.4095i
55.4	0.1192+1.8131i	0.6308−0.2496i	−32.6214−10.5098i	0.3565+1.4730i	0.4346−0.0182i	−2.3788+1.7588i	0.7141+0.9380i	1.5497+0.2147i
55.5	0.1131+1.8130i	0.5887−0.2439i	−32.2041−10.2966i	0.3252+1.4611i	0.4453−0.0268i	−2.4259+1.7430i	0.7012+0.9169i	1.5397+0.1812i
55.6	0.1788+1.8118i	0.5335−0.2509i	−32.5463−10.1610i	0.3772+1.4953i	0.6307−0.1012i	−2.4735+1.8066i	0.7157+0.9153i	1.5515+0.1036i
55.7	0.3294+1.7165i	0.4752−0.2299i	−33.4424−9.5733i	0.5180+1.4852i	0.6527−0.0609i	−2.3418+1.6641i	0.7739+0.8875i	1.4499−0.0821i
55.8	0.4655+1.7140i	0.3954−0.2387i	−33.7351−9.7800i	0.6269+1.5331i	0.5054−0.1821i	−2.2370+1.7148i	0.8084+0.8952i	1.3580−0.2827i
55.9	0.5801+1.5928i	0.2787−0.1520i	−34.2401−9.5245i	0.7596+1.4971i	0.4071−0.3114i	−2.0988+1.6268i	0.8546+0.8765i	1.1285−0.4125i
56.0	0.5897+1.4848i	0.3121−0.1474i	−34.1754−8.8862i	0.7819+1.3993i	0.2408−0.4227i	−2.0840+1.5374i	0.8637+0.8225i	1.1031−0.4030i

56.1	0.6439+1.3355i	0.2490-0.1160i	-35.2167-8.7262i	0.8653+1.3019i	0.2349-0.5770i	-2.0308+1.3721i	0.8991+0.7807i	0.9001-0.3803i
56.2	0.6469+1.3044i	0.1946-0.0794i	-35.2776-8.4419i	0.8993+1.3030i	0.1768-0.3561i	-2.1069+1.4247i	0.8970+0.7718i	0.7966-0.4022i
56.3	0.6636+1.2301i	0.1839-0.0224i	-35.4078-7.7437i	0.9366+1.2640i	0.0845-0.2898i	-2.1091+1.3565i	0.9296+0.7443i	0.7747-0.3970i
56.4	0.6615+1.1676i	0.1672+0.0245i	-35.6456-7.3371i	0.9841+1.2074i	-0.0507-0.1378i	-2.1737+1.3826i	0.9519+0.7147i	0.6791-0.3455i
56.5	0.6668+1.1052i	0.1583+0.1201i	-35.5812-7.1017i	1.0277+1.1527i	-0.1589-0.2110i	-2.1907+1.4111i	0.9721+0.6786i	0.5758-0.3264i
56.6	0.6873+1.0247i	0.1784+0.1733i	-35.9242-6.8534i	1.0649+1.0849i	-0.2075-0.3118i	-2.0652+1.3518i	0.9936+0.6408i	0.5473-0.3051i
56.7	0.6442+0.9489i	0.2032+0.1921i	-36.1988-6.4172i	1.0667+1.0092i	-0.2863-0.2763i	-2.1322+1.2704i	0.9926+0.5951i	0.5006-0.2821i
56.8	0.6556+0.8950i	0.2254+0.2106i	-36.2823-6.5758i	1.0972+0.9592i	-0.1002-0.1462i	-2.0807+1.2630i	1.0073+0.5707i	0.4848-0.2359i
56.9	0.6296+0.8437i	0.2927+0.2086i	-36.5695-6.1465i	1.0909+0.8821i	-0.0598-0.0824i	-2.0393+1.3040i	1.0195+0.5202i	0.5138-0.1440i
57.0	0.5826+0.8147i	0.3090+0.2396i	-36.1014-5.4391i	1.0736+0.8387i	-0.1163-0.2024i	-2.1181+1.3351i	1.0057+0.4739i	0.4918-0.1506i
57.1	0.5661+0.7474i	0.3010+0.2389i	-36.7778-5.3835i	1.0615+0.7873i	-0.1007-0.1113i	-2.0355+1.1653i	1.0013+0.4376i	0.4565-0.2135i
57.2	0.5513+0.6987i	0.3419+0.2551i	-37.3371-5.4499i	1.0602+0.7332i	-0.2045+0.0029i	-2.0314+1.0394i	1.0079+0.4073i	0.3206-0.0916i
57.3	0.5261+0.7174i	0.3146+0.2698i	-37.4318-5.6132i	1.0304+0.7341i	-0.1176+0.0119i	-2.0308+1.1205i	0.9821+0.3921i	0.3833+0.0168i
57.4	0.4833+0.6931i	0.3421+0.2352i	-37.8984-5.2740i	0.9960+0.6994i	0.1485+0.0488i	-2.0546+1.1069i	0.9606+0.3581i	0.5011+0.0727i
57.5	0.4401+0.6991i	0.3474+0.2279i	-37.6031-4.8207i	0.9847+0.6838i	-0.0973+0.2270i	-2.1996+1.1425i	0.9381+0.3393i	0.5286+0.0913i
57.6	0.4500+0.7159i	0.3292+0.2188i	-37.8961-4.7179i	0.9927+0.6918i	-0.3071+0.0849i	-2.1788+1.1368i	0.9306+0.3335i	0.5583+0.0574i
57.7	0.4709+0.7324i	0.2935+0.2526i	-38.0160-4.3391i	0.9994+0.7098i	-0.1313-0.0730i	-2.1133+1.1982i	0.8964+0.3424i	0.5181+0.0097i
57.8	0.4553+0.7391i	0.2310+0.1489i	-38.1172-3.8959i	0.9728+0.7045i	0.0560+0.0751i	-2.0998+1.2035i	0.8792+0.3069i	0.6020-0.0796i
57.9	0.4686+0.7189i	0.2584+0.1259i	-38.7857-3.5364i	0.9854+0.6790i	0.0558+0.0026i	-2.0398+1.1098i	0.8857+0.2982i	0.6308-0.0428i
58.0	0.4890+0.7217i	0.1344+0.0795i	-38.9883-3.5529i	0.9937+0.6763i	0.0299+0.0088i	-2.0734+1.0749i	0.8766+0.2828i	0.6673-0.0703i
58.1	0.5153+0.7335i	0.0178+0.1272i	-38.6874-3.6320i	0.9899+0.6801i	0.1279+0.1078i	-2.1026+1.1554i	0.8652+0.2778i	0.6881-0.1041i
58.2	0.5088+0.7017i	-0.0194+0.2509i	-38.5307-3.2215i	0.9875+0.6759i	0.1943-0.1898i	-2.1661+1.1376i	0.8469+0.2718i	0.6953-0.1840i
58.3	0.5184+0.6799i	-0.0321+0.3486i	-38.9717-2.9483i	1.0093+0.6663i	0.1374-0.1770i	-2.1862+1.1362i	0.8338+0.2652i	0.6404-0.2209i
58.4	0.5225+0.6549i	-0.0805+0.3849i	-39.6763-2.3353i	0.9958+0.6621i	0.2427-0.1008i	-2.1548+1.1216i	0.8264+0.2576i	0.7009-0.3271i
58.5	0.5204+0.6316i	-0.0547+0.4830i	-39.8861-2.4728i	1.0005+0.6605i	0.1598-0.0750i	-2.1391+1.0907i	0.8272+0.2642i	0.6870-0.3644i
58.6	0.5327+0.6074i	0.0263+0.6195i	-39.7229-2.4524i	1.0224+0.6444i	0.1191-0.3159i	-2.1049+1.1682i	0.8276+0.2685i	0.6023-0.3351i
58.7	0.5134+0.5915i	0.0282+0.6877i	-40.5209-2.0057i	1.0341+0.6449i	0.1064-0.2385i	-2.2057+1.2220i	0.8194+0.2667i	0.5472-0.3897i
58.8	0.5232+0.5913i	0.0929+0.7321i	-40.4126-1.8459i	1.0514+0.6543i	0.0277-0.2516i	-2.1726+1.1705i	0.8232+0.2689i	0.5314-0.4362i
58.9	0.5272+0.5746i	0.1348+0.7827i	-40.4904-1.9525i	1.0721+0.6626i	-0.0644-0.3751i	-2.1446+1.1475i	0.8110+0.2795i	0.4823-0.4924i
59.0	0.4996+0.5532i	0.2113+0.7827i	-40.6788-1.6799i	1.0866+0.6433i	0.0417-0.4480i	-2.2229+1.1807i	0.8059+0.2683i	0.3906-0.4862i
59.1	0.5097+0.5424i	0.2522+0.7767i	-40.6475-1.3728i	1.1169+0.6311i	-0.0428-0.3616i	-2.2147+1.2173i	0.8201+0.2679i	0.2853-0.5147i
59.2	0.5002+0.5531i	0.3335+0.8037i	-41.5141-0.5267i	1.1438+0.6312i	-0.2144-0.1979i	-2.2150+1.2269i	0.8349+0.2704i	0.2343-0.5151i
59.3	0.5023+0.5719i	0.3414+0.7413i	-42.2813-0.6871i	1.1506+0.6223i	-0.2208-0.0597i	-2.2194+1.2357i	0.8345+0.2614i	0.2551-0.4990i
59.4	0.5415+0.5583i	0.3422+0.8119i	-42.3904-0.9253i	1.1899+0.6010i	-0.1427-0.2128i	-2.1397+1.3161i	0.8379+0.2687i	0.1492-0.4448i
59.5	0.5480+0.5351i	0.3856+0.8368i	-42.7684-0.5642i	1.2129+0.5833i	-0.1413-0.2801i	-2.0944+1.2816i	0.8720+0.2791i	0.1362-0.3927i
59.6	0.5421+0.5213i	0.4097+0.8856i	-42.8063-0.3026i	1.2438+0.5724i	-0.1860-0.3747i	-2.1552+1.2927i	0.8892+0.2635i	0.0408-0.4103i
59.7	0.5305+0.5303i	0.4237+0.8851i	-42.6689+0.1947i	1.2575+0.5563i	-0.1977-0.2342i	-2.1975+1.3207i	0.9030+0.2395i	-0.0036-0.4151i
59.8	0.5249+0.5071i	0.4960+0.8206i	-42.9315+0.9829i	1.2652+0.5037i	-0.1828-0.0436i	-2.1645+1.3098i	0.9389+0.2025i	0.0362-0.3136i
59.9	0.5782+0.4374i	0.5195+0.8315i	-44.0157+1.1706i	1.2827+0.4543i	-0.2917-0.1679i	-2.0388+1.2734i	0.9215+0.1978i	-0.0217-0.2707i
60.0	0.5707+0.4718i	0.4417+0.7841i	-42.8231+1.2105i	1.2749+0.4344i	-0.1398-0.0711i	-2.1005+1.3389i	0.9109+0.1557i	-0.0009-0.2495i
60.1	0.5439+0.4849i	0.4040+0.7883i	-42.8035+2.3526i	1.2692+0.4255i	-0.1012+0.0092i	-2.2016+1.3411i	0.9069+0.1158i	0.0334-0.2733i
60.2	0.5538+0.4853i	0.3643+0.8187i	-42.5713+2.5849i	1.2728+0.3947i	-0.2301+0.0762i	-2.1647+1.3936i	0.8892+0.0787i	0.0026-0.2209i
60.3	0.5815+0.4644i	0.2978+0.8646i	-42.7870+2.0343i	1.2631+0.3646i	-0.1640+0.0694i	-2.0913+1.4387i	0.8571+0.0648i	0.0413-0.1898i
60.4	0.5695+0.4310i	0.2857+0.9449i	-43.1560+1.7123i	1.2456+0.3492i	-0.1044-0.2482i	-2.0870+1.3673i	0.8591+0.0483i	0.0953-0.1642i
60.5	0.5697+0.4330i	0.3194+1.0512i	-43.3451+2.2480i	1.2445+0.3519i	-0.0683-0.2978i	-2.0911+1.3292i	0.8377+0.0322i	0.0984-0.1518i
60.6	0.5681+0.4237i	0.4072+1.1636i	-44.3969+1.8791i	1.2525+0.3561i	0.0455-0.3475i	-2.0892+1.3057i	0.8127+0.0365i	0.0853-0.1791i
60.7	0.5787+0.3825i	0.5719+1.2103i	-45.0285+2.1698i	1.2728+0.3349i	-0.1177-0.3191i	-2.0617+1.3005i	0.7973+0.0511i	0.0636-0.1691i
60.8	0.6041+0.3765i	0.6320+1.2038i	-45.3209+2.1423i	1.2684+0.3226i	-0.1679-0.2754i	-2.0439+1.3505i	0.7630+0.0583i	0.0653-0.1722i
60.9	0.5758+0.4060i	0.6828+1.1751i	-45.9556+3.1395i	1.2839+0.3045i	-0.3427-0.3931i	-2.1590+1.2880i	0.7595+0.0133i	0.0689-0.1482i
61.0	0.5940+0.4213i	0.6987+1.1438i	-45.7239+3.7848i	1.2918+0.2889i	-0.3060-0.2071i	-2.2462+1.2643i	0.7347-0.0127i	0.0885-0.1344i
61.1	0.6100+0.3909i	0.7564+1.2078i	-46.3528+3.8656i	1.2963+0.2840i	-0.2081-0.3052i	-2.2276+1.3473i	0.7222+0.0199i	0.0478-0.1516i
61.2	0.5811+0.3427i	0.8047+1.2532i	-47.0833+4.0218i	1.2810+0.2693i	-0.3235-0.6949i	-2.1908+1.3617i	0.7225+0.0296i	0.0277-0.1821i
61.3	0.5910+0.3088i	0.8787+1.2701i	-47.5713+2.6998i	1.2813+0.2460i	-0.2610-0.6836i	-2.2186+1.3372i	0.6942+0.0463i	0.0444-0.1597i
61.4	0.5967+0.2792i	0.9580+1.2704i	-49.3726+3.1757i	1.2905+0.2335i	-0.1795-0.4183i	-2.2273+1.3318i	0.6856+0.0690i	0.0373-0.1570i
61.5	0.5893+0.2696i	1.0195+1.2677i	-50.7268+4.2233i	1.2792+0.2247i	-0.0678-0.3620i	-2.2443+1.3247i	0.6716+0.0856i	0.0479-0.1791i
61.6	0.5587+0.2468i	1.0861+1.2209i	-51.5290+4.7263i	1.2815+0.2156i	-0.1530-0.2834i	-2.1954+1.3039i	0.6953+0.1073i	0.0442-0.1411i
61.7	0.5352+0.2157i	1.1245+1.1788i	-52.1296+5.4551i	1.2829+0.2138i	-0.0496-0.2687i	-2.1937+1.3149i	0.7096+0.1240i	0.0211-0.1571i
61.8	0.4847+0.1889i	1.1658+1.1332i	-52.5264+5.7247i	1.2777+0.2014i	-0.0549-0.1655i	-2.2050+1.2982i	0.7351+0.1408i	0.0000-0.1737i
61.9	0.4686+0.2332i	1.1757+1.1113i	-52.7153+6.3628i	1.2847+0.2047i	-0.1025-0.2107i	-2.2609+1.3160i	0.7438+0.1343i	-0.0226-0.1539i
62.0	0.4567+0.2461i	1.1341+1.1266i	-53.7965+7.9169i	1.2813+0.1963i	-0.1610-0.2186i	-2.3771+1.2961i	0.7302+0.1217i	-0.0030-0.1392i
62.1	0.4542+0.2322i	1.1272+1.1571i	-53.8687+7.4451i	1.2772+0.2010i	-0.0895-0.2886i	-2.3297+1.2972i	0.7423+0.1364i	0.0044-0.1589i
62.2	0.4290+0.2459i	1.1584+1.1960i	-55.7564+8.2948i	1.2720+0.2052i	-0.0647-0.3300i	-2.3655+1.3181i	0.7502+0.1428i	-0.0084-0.1759i
62.3	0.4203+0.2479i	1.2199+1.2201i	-57.4542+9.6229i	1.2872+0.2007i	0.0883-0.4261i	-2.4394+1.2767i	0.7618+0.1345i	-0.0102-0.1835i

62.4	0.4568+0.2616i	1.2875+1.2639i	-56.7941+10.9662i	1.3155+0.1995i	0.0131-0.3429i	-2.4493+1.3132i	0.7530+0.1217i	-0.0219-0.1475i
62.5	0.4173+0.2816i	1.3406+1.3156i	-58.5776+11.8912i	1.3078+0.2029i	-0.2561-0.2843i	-2.4687+1.3485i	0.7842+0.1157i	-0.0490-0.1358i
62.6	0.3966+0.3010i	1.4074+1.3382i	-59.2839+13.5667i	1.3093+0.2133i	-0.3041-0.4103i	-2.5001+1.3825i	0.7906+0.1116i	-0.0638-0.1501i
62.7	0.3980+0.3212i	1.4693+1.3403i	-59.8754+14.2677i	1.3194+0.2118i	-0.3610-0.4262i	-2.5803+1.3657i	0.7787+0.1069i	-0.0508-0.1355i
62.8	0.3976+0.3356i	1.5244+1.3214i	-60.6233+15.8605i	1.3387+0.2092i	-0.5061-0.1906i	-2.6378+1.3956i	0.7939+0.0883i	-0.0527-0.1497i
62.9	0.4168+0.3734i	1.6238+1.3592i	-61.1601+18.2339i	1.3550+0.2182i	-0.6373-0.2079i	-2.6468+1.4861i	0.7849+0.0741i	-0.0759-0.1830i
63.0	0.3951+0.4465i	1.6893+1.3164i	-62.1014+20.4819i	1.3659+0.2403i	-0.5086-0.4542i	-2.6847+1.4803i	0.8168+0.0622i	-0.1034-0.1648i
63.1	0.4056+0.4088i	1.7764+1.2336i	-62.0171+19.2079i	1.3833+0.2174i	-0.3816-0.4936i	-2.6929+1.5058i	0.8185+0.0728i	-0.0997-0.1517i
63.2	0.4742+0.4081i	1.8689+1.2212i	-61.7457+22.1883i	1.4292+0.2027i	-0.3586-0.4436i	-2.7137+1.5853i	0.7953+0.0738i	-0.1330-0.1305i
63.3	0.5139+0.4394i	1.9065+1.1988i	-62.9094+25.8953i	1.4466+0.2010i	-0.5073-0.4279i	-2.7994+1.6218i	0.7898+0.0614i	-0.1276-0.1324i
63.4	0.5590+0.4751i	1.9721+1.1707i	-62.2436+28.8211i	1.4794+0.2105i	-0.6033-0.3794i	-2.8853+1.6358i	0.7797+0.0431i	-0.1305-0.1198i
63.5	0.5608+0.4508i	2.0196+1.1225i	-62.7941+29.1248i	1.4848+0.1987i	-0.5285-0.4032i	-2.8075+1.7089i	0.7884+0.0554i	-0.1407-0.1099i
63.6	0.5940+0.4709i	2.0596+1.0836i	-63.9579+31.8289i	1.5056+0.1927i	-0.4901-0.4553i	-2.8182+1.7465i	0.7998+0.0402i	-0.1717-0.1091i
63.7	0.6392+0.5018i	2.1343+1.0985i	-64.8991+36.1981i	1.5484+0.2036i	-0.3704-0.3775i	-2.9755+1.8324i	0.7952+0.0354i	-0.1886-0.1289i
63.8	0.7063+0.4693i	2.1877+1.0880i	-62.6903+38.2704i	1.5948+0.1746i	-0.4617-0.2924i	-3.0177+1.8952i	0.7928+0.0415i	-0.1978-0.0922i
63.9	0.7137+0.4371i	2.2324+1.0579i	-63.0137+39.5904i	1.6173+0.1556i	-0.4802-0.3573i	-3.0833+1.8467i	0.7991+0.0481i	-0.1998-0.0645i
64.0	0.7508+0.4445i	2.3324+1.1129i	-64.2913+42.0617i	1.6472+0.1799i	-0.7090-0.2958i	-3.0985+1.8457i	0.8014+0.0473i	-0.2234-0.0625i
64.1	0.7777+0.4436i	2.4331+1.1355i	-63.9950+46.5480i	1.6869+0.1791i	-0.8613-0.4256i	-3.2028+1.9431i	0.7979+0.0342i	-0.2549-0.0698i
64.2	0.8419+0.4142i	2.6093+1.0729i	-60.1497+49.9840i	1.7562+0.1328i	-0.7690-0.6076i	-3.2447+2.1007i	0.7939+0.0236i	-0.2601-0.0283i
64.3	0.8731+0.4084i	2.7126+0.9630i	-59.6101+51.6568i	1.7906+0.0950i	-0.6540-0.4496i	-3.2823+2.2246i	0.7942+0.0243i	-0.2679-0.0076i
64.4	0.9086+0.3693i	2.7906+0.9078i	-57.1432+54.8203i	1.8231+0.0706i	-0.6312-0.2459i	-3.3050+2.3207i	0.7972+0.0351i	-0.2844+0.0008i
64.5	0.9349+0.3215i	2.9069+0.7969i	-54.8049+56.8065i	1.8524+0.0271i	-0.7153-0.1303i	-3.2906+2.3815i	0.7893+0.0372i	-0.3202+0.0483i
64.6	0.9445+0.2927i	2.9425+0.6709i	-54.2297+59.4320i	1.8721-0.0210i	-0.7199-0.0510i	-3.3117+2.4543i	0.8043+0.0276i	-0.3044+0.0714i
64.7	0.9452+0.2310i	2.9941+0.6246i	-52.6489+61.2066i	1.8875-0.0480i	-0.6973-0.0905i	-3.4019+2.4790i	0.7855+0.0205i	-0.2880+0.0652i
64.8	0.9781+0.2176i	3.0963+0.6014i	-50.5085+63.9389i	1.9201-0.0720i	-0.6509-0.0219i	-3.3988+2.6043i	0.7912+0.0359i	-0.3183+0.1081i
64.9	1.0186+0.1282i	3.1832+0.4345i	-43.8494+65.7347i	1.9541-0.1653i	-0.8148-0.2720i	-3.3389+2.8049i	0.7795+0.0367i	-0.2999+0.1424i
65.0	1.0492+0.0600i	3.2846+0.3400i	-40.6824+66.6468i	1.9801-0.2226i	-1.1376+0.0191i	-3.3792+2.8721i	0.7768+0.0427i	-0.2954+0.1727i
65.1	1.0482+0.0477i	3.3662+0.2692i	-39.0203+68.8225i	1.9922-0.2416i	-1.0972+0.0813i	-3.3346+2.9718i	0.8015+0.0626i	-0.3186+0.1986i
65.2	1.0142-0.0128i	3.4020+0.1566i	-36.4471+67.8664i	1.9832-0.2892i	-0.8039+0.0565i	-3.2469+3.0256i	0.8275+0.0826i	-0.3151+0.2097i
65.3	0.9304-0.1395i	3.4966-0.0437i	-30.9941+69.9286i	1.9657-0.3753i	-0.9324-0.1048i	-3.3057+3.2308i	0.8216+0.1364i	-0.2812+0.2628i
65.4	0.8652-0.1987i	3.6047-0.2079i	-26.3679+71.8191i	1.9500-0.4358i	-1.1733-0.0852i	-3.3538+3.4624i	0.8171+0.1603i	-0.2714+0.2990i
65.5	0.8389-0.1776i	3.7369-0.3434i	-24.0243+74.7839i	1.9725-0.4324i	-0.7748+0.1885i	-3.2729+3.5363i	0.8649+0.1363i	-0.2482+0.3071i
65.6	0.7587-0.1098i	3.7296-0.4632i	-22.9934+72.1672i	1.9679-0.4456i	-0.4498-0.0318i	-3.3509+3.6267i	0.9027+0.1355i	-0.2382+0.2974i
65.7	0.7704-0.1188i	3.7691-0.6272i	-17.9519+72.3243i	1.9533-0.4997i	-0.5149-0.1033i	-3.2392+3.7285i	0.9165+0.1393i	-0.2287+0.3403i
65.8	0.7671-0.1257i	3.7990-0.8164i	-13.1813+71.2734i	1.9563-0.5344i	-0.7362+0.0091i	-3.2228+3.8658i	0.9376+0.1364i	-0.2211+0.3530i
65.9	0.7339-0.1295i	3.7914-1.0774i	-8.3407+70.0388i	1.9422-0.5927i	-0.7341-0.0557i	-3.0794+4.0052i	0.9756+0.1310i	-0.1891+0.3772i
66.0	0.7109-0.1071i	3.7854-1.3367i	-5.1743+70.5663i	1.9197-0.6505i	-0.7816+0.2569i	-3.0653+4.1931i	1.0003+0.1132i	-0.1411+0.4172i
66.1	0.6602-0.0687i	3.6807-1.4940i	-4.3585+68.1733i	1.8771-0.6491i	-0.7180+0.2237i	-3.0045+4.2096i	1.0269+0.1005i	-0.1128+0.4162i
66.2	0.6566-0.0406i	3.6626-1.7386i	0.2910+67.5527i	1.8799-0.6584i	-0.7717+0.3105i	-2.9427+4.3373i	1.0624+0.0892i	-0.1053+0.4385i
66.3	0.6543+0.0120i	3.6099-1.9120i	1.7192+66.1219i	1.8513-0.6268i	-1.0327+0.3122i	-2.8654+4.3825i	1.1054+0.0724i	-0.0904+0.4306i
66.4	0.6448+0.0704i	3.5547-2.0761i	3.3501+66.1255i	1.8651-0.5798i	-0.8843+0.2095i	-2.8128+4.4642i	1.1353+0.0717i	-0.0804+0.4203i
66.5	0.6377+0.1212i	3.4195-2.2210i	5.4282+63.1633i	1.8581-0.5717i	-0.7060+0.2339i	-2.7948+4.5455i	1.1496+0.0418i	-0.0484+0.4228i
66.6	0.6589+0.1627i	3.2403-2.4151i	9.8106+59.5190i	1.8241-0.5862i	-0.7281+0.3044i	-2.6491+4.7670i	1.1655+0.0190i	-0.0070+0.4195i
66.7	0.7284+0.2120i	3.1053-2.5170i	8.8969+56.5041i	1.8460-0.5672i	-0.8838+0.2037i	-2.5305+4.8272i	1.1791-0.0268i	0.0228+0.4150i
66.8	0.7902+0.2706i	2.8953-2.7133i	12.5063+54.4408i	1.8772-0.5717i	-0.9537+0.3423i	-2.3369+4.8887i	1.2037-0.0745i	0.0365+0.4113i
66.9	0.8754+0.3030i	2.7137-2.8690i	17.8560+52.9205i	1.9344-0.5580i	-1.0753+0.4006i	-2.2603+4.9893i	1.2330-0.1047i	0.0645+0.4118i
67.0	0.9801+0.3152i	2.5774-2.9460i	18.4991+51.9449i	2.0113-0.5285i	-0.9619+0.5796i	-2.1593+5.1261i	1.2543-0.1256i	0.0851+0.3758i
67.1	1.0526+0.3236i	2.4242-3.0265i	18.3228+50.3926i	2.0723-0.5267i	-1.0664+0.3621i	-2.0637+5.1988i	1.2683-0.1450i	0.0940+0.3787i
67.2	1.1265+0.3114i	2.1699-3.0446i	19.4730+46.3238i	2.1258-0.5575i	-1.1664+0.5083i	-1.8748+5.1097i	1.2715-0.1915i	0.1114+0.3624i
67.3	1.2018+0.2627i	1.9788-3.0480i	19.6068+40.9806i	2.1728-0.6186i	-1.2576+0.6281i	-1.7272+5.0734i	1.2697-0.2649i	0.1170+0.3498i
67.4	1.2949+0.2162i	1.8376-3.1476i	23.4013+39.3257i	2.2808-0.6535i	-1.3546+0.6564i	-1.7458+5.1311i	1.3031-0.2942i	0.1311+0.3572i
67.5	1.4466+0.1985i	1.6250-3.0582i	24.2337+35.7289i	2.3403-0.6715i	-1.0261+0.5141i	-1.5268+5.2987i	1.2885-0.3142i	0.1149+0.3517i
67.6	1.5147+0.0879i	1.3657-3.0588i	24.9432+31.1790i	2.3757-0.7723i	-1.1058+0.6923i	-1.2678+5.3498i	1.2798-0.3658i	0.1365+0.3237i
67.7	1.5865-0.0164i	1.1840-3.0763i	26.8745+29.6957i	2.4036-0.8631i	-1.0855+0.8452i	-1.0866+5.4273i	1.2518-0.3952i	0.1688+0.3358i
67.8	1.7015-0.1141i	1.0636-3.0786i	27.7700+27.7967i	2.4730-0.9420i	-1.2765+0.7625i	-1.0204+5.5665i	1.2179-0.4294i	0.1863+0.3510i
67.9	1.7941-0.1819i	1.0336-3.1005i	26.3931+28.5204i	2.5915-1.0146i	-1.0587+0.9557i	-0.9872+5.5808i	1.2365-0.4382i	0.1786+0.3608i
68.0	1.8291-0.2686i	0.9706-2.8940i	22.3006+23.9272i	2.5912-1.0737i	-1.1295+0.9245i	-0.8690+5.5214i	1.2233-0.4264i	0.1727+0.3158i
68.1	1.8280-0.4302i	0.8164-2.7809i	22.1358+20.1028i	2.5484-1.1089i	-1.0207+0.7402i	-0.6600+5.3480i	1.1861-0.4154i	0.1874+0.3077i
68.2	1.8421-0.6250i	0.6486-2.7543i	22.4918+16.8626i	2.5923-1.2153i	-0.9748+0.8530i	-0.5270+5.3700i	1.1907-0.4340i	0.1996+0.3081i
68.3	1.8081-0.6987i	0.6433-2.6328i	19.7462+14.5873i	2.6378-1.2890i	-1.0224+0.9364i	-0.4884+5.2340i	1.2387-0.4633i	0.1939+0.2624i
68.4	1.7623-0.8410i	0.5203-2.5714i	19.3524+11.1539i	2.5975-1.4296i	-0.8712+1.0100i	-0.3570+5.1358i	1.2068-0.5246i	0.2038+0.2384i
68.5	1.7408-1.0004i	0.4413-2.5537i	20.1249+10.0493i	2.6051-1.5119i	-0.7172+1.2006i	-0.1142+5.1312i	1.2285-0.5355i	0.1999+0.2101i
68.6	1.7608-1.1446i	0.4278-2.5420i	19.8738+10.6431i	2.6934-1.6105i	-0.6836+1.4199i	-0.0096+5.1954i	1.2748-0.5719i	0.1610+0.2091i

68.7	1.6369-1.2633i	0.3543-2.3952i	15.2950+8.6285i	2.6627-1.6677i	-0.5902+1.5044i	0.1379+4.9155i	1.2775-0.5769i	0.1538+0.2078i
68.8	1.5345-1.3220i	0.2918-2.2722i	12.6896+6.5866i	2.6328-1.6921i	-0.5337+1.4119i	0.1909+4.8146i	1.2555-0.5438i	0.1707+0.2202i
68.9	1.4234-1.4305i	0.2341-2.2168i	12.2071+5.1321i	2.6058-1.8019i	-0.6303+1.2405i	0.2051+4.8373i	1.2373-0.5755i	0.1570+0.2093i
69.0	1.3186-1.5004i	0.1719-2.1550i	11.5150+4.2197i	2.5962-1.8700i	-0.4919+1.2671i	0.2629+4.7886i	1.2429-0.6082i	0.1411+0.1969i
69.1	1.1800-1.5139i	0.1335-2.0328i	10.1814+3.6399i	2.5868-1.9634i	-0.4761+1.4389i	0.2115+4.6217i	1.2684-0.6603i	0.1648+0.1906i
69.2	1.1059-1.5370i	0.2106-1.8861i	9.7962+3.6069i	2.6798-2.0713i	-0.1109+1.5516i	0.1197+4.6260i	1.2968-0.7019i	0.1637+0.1909i
69.3	1.0287-1.5588i	0.2882-1.7184i	7.6988+2.8400i	2.6294-2.1177i	-0.3254+1.4087i	0.2428+4.4130i	1.3091-0.7343i	0.1566+0.1807i
69.4	0.9703-1.5214i	0.4381-1.6932i	4.6930+2.8617i	2.6859-2.1506i	-0.1075+1.1532i	0.1082+4.4123i	1.3104-0.7033i	0.1688+0.1927i
69.5	0.8897-1.4880i	0.5896-1.7292i	3.6179+0.8465i	2.6579-2.2426i	-0.0203+1.2593i	0.0843+4.3927i	1.3066-0.7805i	0.1648+0.1585i
69.6	0.8989-1.4955i	0.7026-1.8670i	3.1523+2.2716i	2.7233-2.3091i	-0.1749+1.4233i	-0.0279+4.4409i	1.3257-0.8165i	0.1600+0.1356i
69.7	0.9716-1.5250i	0.7271-1.9792i	2.8132+2.6255i	2.7690-2.3640i	-0.2562+1.7052i	-0.0071+4.4704i	1.3411-0.8481i	0.1645+0.1404i
69.8	0.9369-1.4728i	0.6356-2.1092i	1.7787+1.9227i	2.7740-2.5465i	-0.0984+1.7071i	-0.0896+4.5790i	1.3390-0.9321i	0.1437+0.1490i
69.9	0.9165-1.4760i	0.5078-2.2138i	0.3207+0.8249i	2.7178-2.7420i	-0.3510+1.5020i	-0.1106+4.6898i	1.2627-1.0413i	0.1060+0.1512i
70.0	0.8628-1.4816i	0.4445-2.2726i	-0.7531+1.1398i	2.7492-2.9237i	-0.0065+1.6470i	-0.1989+4.8170i	1.2889-1.1135i	0.0924+0.1198i
70.1	0.8595-1.5569i	0.3839-2.2217i	-1.7296+0.2390i	2.8010-3.0185i	-0.2065+1.6516i	-0.1696+4.7932i	1.3060-1.1022i	0.0951+0.1256i
70.2	0.9221-1.6617i	0.3863-2.2607i	-2.6153+1.4224i	2.9377-3.1583i	-0.1372+1.4300i	-0.2392+4.8809i	1.3175-1.1424i	0.0716+0.1473i
70.3	0.9123-1.6943i	0.2875-2.2562i	-2.6509+1.3982i	2.8155-3.4383i	0.0844+1.4195i	-0.2076+5.0883i	1.2392-1.2325i	0.0656+0.1562i
70.4	0.8714-1.7710i	0.2278-2.2320i	-3.5557+1.5265i	2.8216-3.7497i	0.2746+1.4815i	-0.1902+5.3456i	1.2524-1.2696i	0.0704+0.1753i
70.5	0.9350-1.8418i	0.2606-2.1696i	-6.2002+2.4655i	2.7826-3.8459i	0.3390+1.1794i	-0.1590+5.4590i	1.2378-1.2296i	0.0858+0.2184i
70.6	0.9272-1.9984i	0.2449-2.2656i	-6.2826+2.4573i	2.6859-4.2659i	0.4394+1.1740i	-0.0769+5.7683i	1.2295-1.3505i	0.0985+0.2579i
70.7	0.8912-2.1893i	0.3014-2.3803i	-5.7021+2.9225i	2.7134-4.6400i	0.3714+1.2527i	-0.0219+6.1070i	1.3150-1.4319i	0.1143+0.2573i
70.8	0.7986-2.3495i	0.2968-2.4086i	-5.6244+2.7728i	2.5031-4.8893i	0.4101+1.4057i	0.1929+6.1575i	1.3577-1.5127i	0.1508+0.2672i
70.9	0.7004-2.4714i	0.2683-2.3939i	-7.2140+2.5938i	2.2680-4.9989i	0.3482+1.6310i	0.3949+6.1627i	1.3277-1.5828i	0.1623+0.2427i
71.0	0.4705-2.6183i	0.1570-2.5459i	-6.9371+2.8413i	1.8226-5.3760i	0.3947+1.5867i	0.7969+6.3873i	1.2649-1.8302i	0.1760+0.2134i
71.1	0.2583-2.6869i	0.0535-2.6050i	-7.5376+3.7534i	1.4563-5.5042i	0.6280+1.5474i	1.0412+6.4577i	1.1359-1.9472i	0.1818+0.1610i
71.2	0.0543-2.7032i	-0.0614-2.6606i	-8.0382+3.0988i	1.0565-5.5216i	0.7935+1.7529i	1.2324+6.4810i	0.9481-2.0431i	0.1608+0.1016i
71.3	-0.1935-2.7732i	-0.2370-2.7631i	-8.5787+2.3447i	0.6195-5.6436i	0.6021+1.6640i	1.5690+6.6269i	0.7614-2.1801i	0.1729+0.0632i
71.4	-0.4376-2.7400i	-0.4537-2.7675i	-9.2966+2.0016i	0.1657-5.5909i	0.7905+1.6194i	1.9654+6.5132i	0.5181-2.2167i	0.1140+0.0835i
71.5	-0.6578-2.7816i	-0.5638-2.8235i	-8.2532+4.1984i	-0.0740-5.7508i	0.9880+1.7501i	2.2627+6.7744i	0.4226-2.2874i	0.0743+0.0865i
71.6	-0.9024-2.6639i	-0.6765-2.8112i	-9.6491+5.1928i	-0.4352-5.6183i	0.8498+1.4823i	2.5482+6.5812i	0.2612-2.2915i	0.0223+0.1086i
71.7	-1.0983-2.5847i	-0.7641-2.8095i	-10.0901+5.0819i	-0.7056-5.5387i	1.1518+1.3255i	2.8518+6.5667i	0.1618-2.2765i	-0.0140+0.1247i
71.8	-1.2231-2.4276i	-0.9216-2.8285i	-9.1592+5.9100i	-0.9321-5.4624i	1.4121+1.4998i	3.1277+6.6210i	0.0331-2.2246i	-0.0338+0.1589i
71.9	-1.4282-2.2229i	-1.1467-2.7589i	-9.2737+5.4694i	-1.3647-5.2864i	1.3929+1.3478i	3.6132+6.3302i	-0.1625-2.2013i	-0.0446+0.1786i
72.0	-1.5675-2.0173i	-1.3242-2.6069i	-9.7206+4.8580i	-1.6624-5.0447i	1.4416+1.1110i	3.8349+6.1322i	-0.3140-2.0960i	-0.0285+0.1834i
72.1	-1.5706-1.9037i	-1.3969-2.5549i	-10.3153+5.4804i	-1.7417-4.8611i	1.4749+1.0687i	3.9218+6.0230i	-0.3814-2.0231i	-0.0196+0.2037i
72.2	-1.6140-1.6920i	-1.4868-2.5072i	-10.5501+6.6624i	-1.8692-4.6723i	1.5155+0.9353i	4.1172+5.7934i	-0.4305-1.9855i	-0.0290+0.2272i
72.3	-1.6314-1.4524i	-1.6673-2.4265i	-10.3493+6.4702i	-2.1109-4.4682i	1.4242+0.7896i	4.3506+5.5851i	-0.5638-1.9418i	-0.0213+0.2221i
72.4	-1.5634-1.2172i	-1.8743-2.2231i	-10.3115+6.0238i	-2.3376-4.1481i	1.3585+0.5614i	4.5962+5.1861i	-0.7412-1.8345i	-0.0232+0.2334i
72.5	-1.5298-1.1687i	-1.9289-2.1921i	-10.2783+6.6037i	-2.3422-4.1342i	1.2750+0.5175i	4.7432+5.2101i	-0.7243-1.8155i	-0.0043+0.2538i
72.6	-1.4043-1.0674i	-2.0413-2.0161i	-10.2829+7.1698i	-2.3814-3.8882i	1.2760+0.5110i	4.8347+4.9516i	-0.8040-1.6776i	-0.0153+0.2967i
72.7	-1.3053-0.9848i	-2.1391-1.7856i	-10.2989+7.0061i	-2.4841-3.6118i	1.2178+0.3599i	4.9460+4.5401i	-0.8915-1.5871i	-0.0046+0.2805i
72.8	-1.2812-0.9483i	-2.2599-1.5862i	-8.7872+6.5019i	-2.6010-3.4657i	1.3124+0.3413i	5.0989+4.2667i	-0.9777-1.5242i	0.0193+0.3037i
72.9	-1.2854-0.9001i	-2.2367-1.4102i	-8.5679+6.9137i	-2.5727-3.3359i	1.3471+0.2074i	5.0825+4.0584i	-0.9585-1.4237i	0.0430+0.3189i
73.0	-1.2533-0.8518i	-2.2751-1.2303i	-8.9483+6.9498i	-2.6400-3.1342i	1.3301+0.1162i	5.1020+3.7922i	-1.0452-1.3222i	0.0427+0.3145i
73.1	-1.1991-0.8685i	-2.2539-1.0821i	-8.8736+7.1965i	-2.6456-3.0360i	1.3320+0.1103i	5.1475+3.6080i	-1.0713-1.2735i	0.0564+0.3390i
73.2	-1.1704-0.8679i	-2.1861-0.9055i	-8.1291+6.4744i	-2.6384-2.8898i	1.3453+0.1152i	5.1795+3.3776i	-1.0827-1.1850i	0.0695+0.3429i
73.3	-1.1412-0.8417i	-2.1029-0.7312i	-8.7012+6.2062i	-2.5712-2.7199i	1.0898+0.2225i	5.0531+3.1564i	-1.0739-1.0565i	0.0583+0.3310i
73.4	-1.1424-0.8957i	-2.1429-0.6764i	-8.5073+7.4550i	-2.6329-2.6977i	1.2134+0.3581i	5.1596+3.2016i	-1.1508-1.0035i	0.0550+0.3188i
73.5	-1.1648-0.9155i	-2.0936-0.5948i	-7.8411+8.1141i	-2.6519-2.6598i	1.2882+0.1468i	5.2161+3.1703i	-1.1521-0.9387i	0.0522+0.3145i
73.6	-1.1901-0.8561i	-1.9629-0.4862i	-7.7731+7.5604i	-2.6340-2.5082i	1.3108+0.0671i	5.1572+2.9370i	-1.1044-0.8594i	0.0601+0.3081i
73.7	-1.2026-0.8340i	-1.8979-0.3976i	-7.5235+7.1030i	-2.6668-2.3974i	1.3557+0.0409i	5.1704+2.7924i	-1.1052-0.7773i	0.0663+0.3073i
73.8	-1.2270-0.8281i	-1.8114-0.3036i	-7.8108+6.6045i	-2.6414-2.2706i	1.2063-0.1030i	5.0496+2.5370i	-1.1023-0.6844i	0.0748+0.3124i
73.9	-1.2608-0.8154i	-1.7235-0.1958i	-7.9154+5.8734i	-2.5916-2.1307i	1.2581-0.2202i	4.9855+2.2936i	-1.0315-0.5856i	0.0631+0.3223i
74.0	-1.3137-0.7945i	-1.6674-0.1323i	-8.2824+6.1314i	-2.5852-2.0532i	1.1913-0.2676i	4.9999+2.2448i	-0.9896-0.5048i	0.0545+0.3334i
74.1	-1.3451-0.7354i	-1.6138-0.1079i	-8.4973+5.5068i	-2.5809-2.0007i	1.1427-0.2215i	4.9258+2.1341i	-0.9616-0.4754i	0.0546+0.3397i
74.2	-1.3481-0.6908i	-1.5864-0.0250i	-7.7062+5.0835i	-2.5870-1.9095i	1.0062-0.3064i	4.9223+2.0114i	-0.9780-0.4074i	0.0614+0.3489i
74.3	-1.3731-0.6144i	-1.5399+0.0438i	-7.6248+4.7547i	-2.5979-1.7925i	1.1315-0.2534i	4.8690+1.8828i	-0.9563-0.3412i	0.0770+0.3504i
74.4	-1.3962-0.5725i	-1.4811+0.1343i	-7.8038+4.3245i	-2.5794-1.6840i	1.1703-0.3145i	4.7586+1.6805i	-0.9368-0.2859i	0.0863+0.3731i
74.5	-1.3560-0.5495i	-1.4428+0.1713i	-8.3109+4.2826i	-2.5717-1.6445i	1.0735-0.2940i	4.7278+1.6284i	-0.9288-0.2636i	0.0790+0.3770i
74.6	-1.3455-0.5033i	-1.3577+0.1666i	-8.8119+4.7071i	-2.5253-1.5779i	0.9686-0.3234i	4.6150+1.5751i	-0.8835-0.2572i	0.0719+0.3797i
74.7	-1.3619-0.4659i	-1.3011+0.2307i	-8.5152+4.2146i	-2.5252-1.5035i	1.0224-0.3020i	4.5639+1.5079i	-0.8765-0.2071i	0.0774+0.3787i
74.8	-1.3903-0.4331i	-1.2339+0.3422i	-8.3727+3.5647i	-2.5001-1.3897i	0.9339-0.4760i	4.5435+1.3035i	-0.8402-0.1201i	0.1112+0.4003i
74.9	-1.3919-0.3824i	-1.2055+0.3913i	-8.0454+2.6273i	-2.5680-1.3255i	0.6527-0.4564i	4.6486+1.1836i	-0.8479-0.0782i	0.1309+0.4121i

75.0	−1.3347−0.3150i	−1.1175+0.4064i	−8.2549+2.6442i	−2.5348−1.2486i	0.6794−0.4189i	4.5539+1.1110i	−0.8197−0.0731i	0.1216+0.4130i
75.1	−1.3629−0.2899i	−1.0546+0.4622i	−8.4531+2.8977i	−2.4873−1.1892i	0.7962−0.3369i	4.5453+1.0605i	−0.7521−0.0365i	0.1088+0.4128i
75.2	−1.3398−0.2564i	−0.9830+0.4779i	−8.5442+2.9272i	−2.4605−1.1384i	0.8553−0.4453i	4.5645+0.9563i	−0.7071−0.0156i	0.1252+0.4150i
75.3	−1.3628−0.2190i	−0.9190+0.5259i	−8.5821+2.9137i	−2.4278−1.0842i	0.7421−0.5500i	4.4611+0.9240i	−0.7143+0.0172i	0.1311+0.4418i
75.4	−1.3426−0.1857i	−0.8560+0.5190i	−8.4817+2.8912i	−2.4154−1.0646i	0.6654−0.6949i	4.4701+0.9055i	−0.6905+0.0081i	0.1385+0.4493i
75.5	−1.2970−0.1587i	−0.7566+0.5135i	−9.5390+2.2910i	−2.3248−0.9891i	0.6532−0.5782i	4.3307+0.8097i	−0.6501+0.0301i	0.1310+0.4444i
75.6	−1.2519−0.1313i	−0.7037+0.5077i	−10.2401+2.2499i	−2.3289−0.9406i	0.6217−0.5148i	4.3410+0.6781i	−0.6315+0.0201i	0.1563+0.4229i
75.7	−1.2349−0.0828i	−0.6163+0.5113i	−9.8801+2.8942i	−2.3227−0.9376i	0.5944−0.6854i	4.3896+0.7146i	−0.6024+0.0508i	0.1835+0.4430i
75.8	−1.2103−0.0308i	−0.4835+0.5200i	−10.2841+2.1369i	−2.2873−0.8270i	0.5445−0.6653i	4.3545+0.5292i	−0.5465+0.1265i	0.1962+0.4541i
75.9	−1.1841−0.0123i	−0.3991+0.4462i	−10.9944+1.8564i	−2.1924−0.8127i	0.5538−0.6113i	4.1958+0.4612i	−0.4950+0.0946i	0.1899+0.4444i
76.0	−1.1928+0.0386i	−0.3704+0.4807i	−10.4990+0.8689i	−2.3143−0.7287i	0.6284−0.8112i	4.3789+0.2724i	−0.4881+0.1234i	0.2199+0.4426i
76.1	−1.1701+0.0332i	−0.3094+0.4768i	−10.4805+0.8239i	−2.3046−0.6818i	0.4354−0.7671i	4.3144+0.1429i	−0.4789+0.1314i	0.2339+0.4471i
76.2	−1.1724+0.0446i	−0.2622+0.4646i	−10.7865+0.9062i	−2.2841−0.7017i	0.3751−0.8378i	4.3112+0.2036i	−0.4681+0.1507i	0.2252+0.4721i
76.3	−1.1621+0.0436i	−0.1869+0.4220i	−10.8521+1.4451i	−2.2736−0.6952i	0.3866−0.7798i	4.3078+0.1774i	−0.4403+0.1591i	0.2445+0.4879i
76.4	−1.1430+0.0649i	−0.1014+0.3977i	−11.1897+1.4097i	−2.2848−0.6140i	0.2097−0.7207i	4.2539+0.0253i	−0.4182+0.1779i	0.2658+0.4895i
76.5	−1.1195+0.1220i	−0.0459+0.2976i	−12.0941+0.9582i	−2.2870−0.5367i	0.2141−0.6126i	4.1459−0.0882i	−0.4041+0.1635i	0.2920+0.4883i
76.6	−1.0621+0.1377i	−0.0466+0.2353i	−12.5298+0.9828i	−2.2543−0.4685i	0.2387−0.6513i	4.1234−0.2303i	−0.3967+0.1519i	0.3015+0.4687i
76.7	−1.0367+0.1522i	−0.0154+0.2166i	−12.2085+0.9857i	−2.2738−0.3826i	0.1857−0.4764i	4.2036−0.5153i	−0.3876+0.1544i	0.2928+0.4678i
76.8	−1.0149+0.1632i	−0.0068+0.1912i	−11.9969+0.7376i	−2.2908−0.3587i	−0.0097−0.5759i	4.3050−0.5252i	−0.3695+0.1909i	0.3122+0.4766i
76.9	−0.9897+0.1536i	0.0115+0.1317i	−12.4655+0.8882i	−2.1922−0.3109i	0.0167−0.6082i	4.0371−0.5490i	−0.3457+0.1873i	0.3183+0.4608i
77.0	−1.0028+0.1473i	0.0417+0.0747i	−12.9623+1.6065i	−2.1442−0.2838i	0.0429−0.5185i	3.8866−0.6696i	−0.3182+0.2065i	0.3332+0.4612i
77.1	−1.0286+0.1782i	0.0673+0.0434i	−12.9120+0.8102i	−2.1559−0.1941i	0.0188−0.5985i	3.7297−0.8654i	−0.2989+0.2248i	0.3697+0.4760i
77.2	−1.0140+0.1995i	0.0960−0.0035i	−13.3865+1.2273i	−2.0721−0.1366i	0.0059−0.6651i	3.5029−0.9223i	−0.2957+0.2212i	0.3507+0.4842i
77.3	−0.9263+0.2803i	0.0943−0.0856i	−13.5284+0.9254i	−2.0601−0.0667i	0.1085−0.3997i	3.4695−0.9101i	−0.2663+0.1608i	0.4042+0.4414i
77.4	−0.8980+0.2814i	0.0915−0.1178i	−13.4053+0.5231i	−2.0675−0.0486i	0.1379−0.3272i	3.5686−0.8347i	−0.2620+0.1831i	0.4364+0.4303i
77.5	−0.8919+0.2653i	0.0795−0.1510i	−13.3698+0.4259i	−2.0602−0.0145i	0.1642−0.4313i	3.6835−0.8805i	−0.2503+0.2348i	0.4533+0.4673i
77.6	−0.8842+0.2314i	0.0418−0.2010i	−13.6639+0.2425i	−2.0235+0.0503i	−0.0386−0.5473i	3.4614−1.0744i	−0.2757+0.2396i	0.4388+0.4664i
77.7	−0.8980+0.2074i	0.0049−0.2331i	−13.7495+0.9527i	−1.9408+0.0679i	−0.1383−0.3000i	3.2659−1.1380i	−0.2544+0.2549i	0.4451+0.4752i
77.8	−0.8919+0.2059i	−0.0412−0.2501i	−14.1185+1.0487i	−1.9009+0.1061i	0.1812−0.3699i	3.1929−1.1597i	−0.2421+0.2757i	0.4578+0.4485i
77.9	−0.8097+0.1992i	−0.1011−0.2923i	−15.4830+0.5029i	−1.8124+0.1574i	0.1255−0.4946i	3.0229−1.2500i	−0.2531+0.2402i	0.4379+0.3916i
78.0	−0.7984+0.2439i	−0.1225−0.3042i	−15.2791+0.7557i	−1.8365+0.2355i	−0.1095−0.4271i	3.1337−1.4514i	−0.2033+0.2783i	0.5051+0.3996i
78.1	−0.7886+0.2600i	−0.1316−0.3003i	−14.8640+0.5996i	−1.7296+0.3015i	−0.0104−0.3919i	2.7849−1.6256i	−0.1524+0.2313i	0.5197+0.3488i
78.2	−0.7992+0.2360i	−0.1606−0.2910i	−14.7344+0.9414i	−1.6510+0.3110i	0.2104−0.5422i	2.5094−1.6374i	−0.1471+0.2562i	0.5172+0.3435i
78.3	−0.8025+0.1985i	−0.2059−0.2853i	−14.7417+0.6810i	−1.6101+0.3030i	0.0433−0.2079i	2.3644−1.5186i	−0.1815+0.2788i	0.5068+0.3545i
78.4	−0.8010+0.1757i	−0.2353−0.2494i	−15.6797+1.0137i	−1.5422+0.3004i	−0.1797−0.1092i	2.2461−1.4885i	−0.1700+0.2962i	0.4999+0.3455i
78.5	−0.8235+0.1933i	−0.2475−0.2259i	−16.0843+0.5386i	−1.5602+0.3171i	0.0192−0.2859i	2.3227−1.4590i	−0.1803+0.3787i	0.5055+0.3837i
78.6	−0.8544+0.2090i	−0.2526−0.2142i	−15.6185+1.8252i	−1.4602+0.2946i	0.2206−0.3381i	1.9028−1.1641i	−0.2032+0.3583i	0.4685+0.3787i
78.7	−0.8647+0.2660i	−0.2369−0.1968i	−15.5670+1.4290i	−1.4322+0.3827i	0.1963−0.3875i	1.8271−1.3679i	−0.1442+0.3041i	0.4928+0.2893i
78.8	−0.8930+0.2085i	−0.2566−0.1868i	−15.7189+2.1181i	−1.4539+0.3781i	0.1104−0.3535i	1.8798−1.4290i	−0.1184+0.3399i	0.4950+0.2863i
78.9	−1.0000+0.2104i	−0.2800−0.1918i	−15.3802+2.2727i	−1.4856+0.2836i	0.2036−0.3221i	1.7809−1.0226i	−0.1954+0.3722i	0.4699+0.3367i
79.0	−1.0549+0.3229i	−0.2717−0.1939i	−14.6579+2.3739i	−1.5279+0.4045i	0.1075−0.3466i	1.8120−1.2558i	−0.2101+0.4077i	0.5140+0.3160i
79.1	−0.9052+0.4240i	−0.2850−0.1626i	−14.1407+1.3941i	−1.4282+0.5767i	−0.0026−0.5492i	1.7190−1.4271i	−0.1613+0.5058i	0.5322+0.2824i
79.2	−0.8652+0.4785i	−0.2951−0.1462i	−14.6767+0.5451i	−1.3210+0.6272i	0.0073−0.3522i	1.4007−1.3597i	−0.1356+0.5496i	0.5172+0.2680i
79.3	−0.7808+0.4605i	−0.2881−0.1244i	−16.1501−0.0341i	−1.1220+0.5618i	−0.0126−0.2104i	1.1004−1.0189i	−0.0978+0.5627i	0.4680+0.2613i
79.4	−0.7685+0.5071i	−0.2678−0.1111i	−16.1889+0.2694i	−1.0298+0.5598i	0.0349−0.4806i	1.1117−0.9271i	0.0221+0.5860i	0.5071+0.2650i
79.5	−0.6907+0.5049i	−0.2745−0.1069i	−16.5507+0.3342i	−0.9531+0.5327i	−0.0586−0.3997i	1.0914−0.8494i	0.0775+0.5928i	0.5033+0.2675i
79.6	−0.6305+0.5026i	−0.2700−0.1032i	−16.8074+0.4101i	−0.9054+0.4949i	0.0371−0.1501i	1.1066−0.7267i	0.1329+0.6146i	0.5040+0.2602i
79.7	−0.6099+0.4370i	−0.2849−0.0986i	−16.9410+0.6715i	−0.8415+0.3604i	−0.0139−0.1794i	1.0597−0.3698i	0.1551+0.6340i	0.4903+0.3314i
79.8	−0.5556+0.4139i	−0.2546−0.0858i	−17.6530+0.6060i	−0.7865+0.2918i	−0.0916−0.3515i	1.0613−0.2082i	0.1950+0.6189i	0.4805+0.3286i
79.9	−0.5267+0.4568i	−0.2418−0.0675i	−17.7462+0.1746i	−0.7851+0.3345i	0.0068−0.2527i	1.1907−0.2700i	0.2325+0.5669i	0.5025+0.2715i
80.0	−0.5576+0.4202i	−0.2508−0.0750i	−17.6652+0.9166i	−0.8084+0.2850i	−0.1252−0.2852i	1.2992−0.3955i	0.3222+0.5248i	0.5501+0.2583i

2.1.94 Run 8 – VT315-200 – Accels 25–32

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	--	9.4591+0.0000i	10.1448+0.0000i	7.2132+0.0000i	1.7434+0.0000i	8.9363+0.0000i	6.8494+0.0000i	-9.4561+0.0000i
0.1	--	1.2908-0.1373i	1.3567-0.3157i	0.9237-0.4076i	-0.4515+0.5558i	-0.0016+0.8886i	1.3721-0.3183i	-0.9409-0.4552i
0.2	--	-0.0019+0.0371i	-0.0231-0.0841i	-0.0212-0.0733i	0.0550-0.0081i	0.3463+0.0287i	-0.0518+0.1665i	-0.0610+0.1473i
0.3	--	0.0122+0.0050i	-0.0155-0.0284i	-0.0006+0.0020i	0.0584-0.0321i	0.1299+0.0288i	-0.0643+0.0909i	-0.0752+0.1599i
0.4	--	0.0003+0.0054i	-0.0005+0.0068i	-0.0042-0.0114i	0.0147-0.0130i	0.0152-0.0280i	-0.0017-0.0142i	-0.0257+0.0253i
0.5	--	0.0008+0.0035i	0.0016+0.0032i	0.0005-0.0148i	-0.0066+0.0018i	0.0056-0.0139i	-0.0015-0.0245i	-0.0055+0.0105i
0.6	--	-0.0016+0.0002i	-0.0003-0.0028i	-0.0004-0.0090i	-0.0018-0.0043i	0.0032-0.0015i	0.0002+0.0029i	-0.0027+0.0068i
0.7	--	-0.0016+0.0005i	0.0020-0.0016i	-0.0002+0.0000i	-0.0023-0.0092i	-0.0003-0.0028i	-0.0019+0.0009i	-0.0005+0.0049i
0.8	--	-0.0030-0.0007i	0.0005-0.0005i	-0.0048+0.0025i	-0.0052-0.0007i	-0.0037-0.0004i	-0.0011+0.0010i	0.0016+0.0006i
0.9	--	-0.0025-0.0018i	0.0016+0.0021i	-0.0016-0.0016i	-0.0028-0.0018i	-0.0016-0.0024i	0.0003+0.0021i	0.0055-0.0020i
1.0	--	-0.0011+0.0009i	-0.0005+0.0029i	0.0027-0.0009i	0.0021-0.0025i	-0.0012-0.0020i	0.0007+0.0010i	0.0066+0.0029i
1.1	--	-0.0015+0.0024i	-0.0010+0.0045i	-0.0002-0.0040i	0.0053-0.0014i	0.0007-0.0006i	-0.0009+0.0001i	0.0020+0.0003i
1.2	--	-0.0013+0.0004i	-0.0007+0.0042i	-0.0055-0.0044i	-0.0018-0.0003i	-0.0020+0.0030i	-0.0032-0.0008i	0.0009+0.0007i
1.3	--	-0.0015-0.0025i	-0.0018+0.0002i	-0.0048-0.0005i	-0.0006+0.0031i	-0.0021-0.0001i	-0.0008-0.0011i	0.0007+0.0003i
1.4	--	-0.0025-0.0014i	-0.0034-0.0006i	-0.0026-0.0059i	0.0015+0.0071i	-0.0015-0.0003i	-0.0012-0.0018i	0.0015+0.0012i
1.5	--	-0.0030+0.0022i	-0.0134+0.0047i	-0.0061-0.0082i	0.0001+0.0031i	-0.0006+0.0009i	-0.0005-0.0007i	0.0032+0.0005i
1.6	--	-0.0057+0.0041i	-0.0227+0.0387i	0.0005-0.0005i	-0.0031+0.0020i	-0.0022+0.0005i	0.0001-0.0003i	0.0030+0.0002i
1.7	--	-0.0041+0.0025i	0.0291+0.0265i	0.0048-0.0002i	-0.0004-0.0008i	-0.0028+0.0001i	0.0006-0.0002i	0.0024-0.0013i
1.8	--	-0.0017-0.0021i	0.0411-0.0008i	-0.0035+0.0068i	-0.0013-0.0009i	-0.0041+0.0027i	-0.0015-0.0002i	0.0033+0.0011i
1.9	--	-0.0023+0.0001i	0.0406-0.0066i	-0.0079+0.0016i	-0.0037-0.0003i	-0.0069+0.0038i	-0.0009+0.0002i	0.0099-0.0016i
2.0	--	-0.0018-0.0050i	0.0448-0.0299i	-0.0061+0.0072i	-0.0031+0.0021i	-0.0105+0.0174i	0.0018+0.0026i	0.0151-0.0180i
2.1	--	-0.0087-0.0094i	0.0092-0.0583i	-0.0118+0.0042i	0.0002+0.0032i	0.0189+0.0378i	0.0037+0.0039i	-0.0193-0.0430i
2.2	--	-0.0159+0.0079i	-0.0257-0.0228i	-0.0202-0.0067i	-0.0021-0.0025i	0.0351-0.0205i	0.0037-0.0010i	-0.0446+0.0207i
2.3	--	-0.0116+0.0097i	-0.0119-0.0067i	-0.0161-0.0053i	-0.0038-0.0025i	-0.0060-0.0243i	0.0007-0.0023i	0.0028+0.0269i
2.4	--	-0.0069+0.0218i	-0.0070-0.0092i	-0.0118-0.0010i	-0.0016+0.0037i	-0.0054-0.0083i	0.0009-0.0027i	0.0050+0.0105i
2.5	--	0.0096+0.0154i	-0.0058-0.0084i	-0.0187-0.0056i	-0.0013+0.0022i	-0.0009-0.0050i	0.0010-0.0025i	0.0010+0.0063i
2.6	--	0.0073+0.0056i	-0.0069-0.0096i	-0.0147-0.0070i	-0.0004+0.0006i	-0.0018-0.0058i	0.0010-0.0030i	0.0022+0.0072i
2.7	--	0.0061+0.0042i	-0.0079-0.0086i	-0.0112-0.0017i	-0.0006+0.0034i	-0.0029-0.0037i	0.0009-0.0022i	0.0043+0.0041i
2.8	--	0.0034+0.0037i	-0.0061-0.0059i	-0.0193-0.0013i	0.0001+0.0014i	-0.0026-0.0028i	0.0009-0.0024i	0.0041+0.0031i
2.9	--	0.0009+0.0045i	-0.0050-0.0042i	-0.0128-0.0042i	0.0020-0.0028i	-0.0035-0.0035i	0.0005-0.0011i	0.0032+0.0020i
3.0	--	0.0020+0.0047i	-0.0027-0.0020i	-0.0143-0.0115i	0.0025-0.0040i	-0.0046-0.0021i	0.0005+0.0003i	0.0030+0.0019i
3.1	--	0.0014+0.0053i	-0.0032-0.0021i	-0.0175-0.0165i	0.0005-0.0016i	-0.0025-0.0005i	0.0014+0.0012i	0.0033+0.0019i
3.2	--	0.0011+0.0020i	-0.0047-0.0034i	-0.0211+0.0048i	0.0031-0.0023i	-0.0033+0.0020i	0.0042+0.0022i	0.0029+0.0020i
3.3	--	0.0005+0.0027i	-0.0044-0.0038i	-0.0324-0.0029i	0.0011-0.0009i	-0.0026+0.0009i	0.0030+0.0007i	0.0032+0.0014i
3.4	--	-0.0019+0.0029i	-0.0047+0.0003i	-0.0370-0.0122i	-0.0016+0.0017i	-0.0026+0.0024i	0.0005-0.0004i	0.0030-0.0006i
3.5	--	0.0044+0.0011i	-0.0060-0.0047i	-0.0425+0.0126i	-0.0001+0.0099i	-0.0052+0.0009i	-0.0004-0.0009i	0.0007-0.0001i
3.6	--	0.0042-0.0009i	-0.0073-0.0036i	-0.0281+0.0276i	-0.0024+0.0058i	-0.0081+0.0003i	0.0005-0.0045i	0.0042-0.0012i
3.7	--	0.0030+0.0012i	0.0045+0.0024i	-0.0272+0.0240i	-0.0008+0.0006i	-0.0001+0.0040i	0.0050+0.0080i	-0.0031-0.0038i
3.8	--	-0.0003+0.0007i	0.0023-0.0003i	-0.0281-0.0006i	-0.0051-0.0002i	0.0013+0.0017i	0.0062+0.0027i	-0.0037-0.0024i
3.9	--	-0.0021+0.0010i	-0.0000-0.0017i	-0.0240-0.0033i	-0.0081-0.0011i	0.0026+0.0043i	0.0066+0.0009i	-0.0059-0.0042i
4.0	--	-0.0031-0.0004i	-0.0017-0.0014i	-0.0267+0.0016i	-0.0094-0.0001i	0.0061+0.0031i	0.0066+0.0003i	-0.0097-0.0025i
4.1	--	-0.0047-0.0016i	-0.0022-0.0004i	-0.0206+0.0057i	-0.0092+0.0008i	0.0070-0.0009i	0.0070+0.0000i	-0.0108+0.0019i
4.2	--	-0.0032-0.0024i	-0.0002+0.0004i	-0.0333+0.0046i	-0.0100+0.0021i	0.0079-0.0038i	0.0072+0.0001i	-0.0111+0.0046i
4.3	--	-0.0019-0.0015i	0.0008+0.0025i	-0.0493-0.0034i	-0.0085+0.0047i	0.0113-0.0077i	0.0086-0.0007i	-0.0142+0.0072i
4.4	--	-0.0048-0.0007i	-0.0014+0.0023i	-0.0350-0.0023i	-0.0057+0.0074i	0.0134-0.0121i	0.0073-0.0030i	-0.0143+0.0116i
4.5	--	-0.0053-0.0016i	-0.0010+0.0040i	-0.0410-0.0006i	-0.0005+0.0071i	0.0113-0.0211i	0.0054-0.0035i	-0.0128+0.0230i
4.6	--	-0.0040-0.0024i	0.0005+0.0087i	-0.0490-0.0069i	0.0037+0.0062i	0.0125-0.0335i	0.0027-0.0020i	-0.0128+0.0336i
4.7	--	-0.0067+0.0045i	0.0061+0.0139i	-0.0443+0.0002i	0.0027-0.0079i	-0.0207-0.0678i	0.0116+0.0185i	0.0178+0.0667i
4.8	--	0.0016+0.0039i	0.0209+0.0096i	-0.0436+0.0048i	-0.0160-0.0105i	-0.1071-0.0582i	0.0481+0.0182i	0.0944+0.0572i
4.9	--	0.0016-0.0018i	0.0229-0.0043i	-0.0468-0.0244i	-0.0175+0.0005i	-0.1213+0.0346i	0.0462-0.0139i	0.1061-0.0348i
5.0	--	-0.0054+0.0051i	0.0040-0.0107i	-0.0563-0.0244i	-0.0123-0.0126i	-0.0097+0.0648i	0.0174-0.0033i	0.0011-0.0668i
5.1	--	0.0024+0.0067i	0.0014-0.0097i	-0.0682-0.0321i	-0.0265-0.0163i	0.0010+0.0604i	0.0360-0.0012i	-0.0122-0.0619i
5.2	--	0.0088-0.0014i	-0.0028-0.0087i	-0.0816-0.0362i	-0.0453+0.0032i	0.0136+0.0594i	0.0526-0.0320i	-0.0285-0.0552i
5.3	--	-0.0024-0.0260i	-0.0054-0.0032i	-0.0746+0.0084i	-0.0367+0.0642i	0.0272+0.0421i	0.0167-0.0873i	-0.0364-0.0268i
5.4	--	-0.0257-0.0250i	-0.0099-0.0100i	-0.0630+0.0280i	0.0509+0.0701i	0.0597+0.0555i	-0.0928-0.0771i	-0.0561-0.0441i
5.5	--	-0.0258-0.0042i	-0.0175-0.0020i	-0.0593-0.0057i	0.0705-0.0037i	0.1134+0.0195i	-0.1080+0.0193i	-0.1080-0.0198i
5.6	--	-0.0210+0.0081i	-0.0046+0.0194i	-0.0763-0.0123i	0.0596-0.0375i	0.0835-0.0924i	-0.0615+0.0821i	-0.0810+0.0840i

5.7	--	-0.0130+0.0117i	0.0094+0.0221i	-0.0836-0.0162i	0.0418-0.0409i	-0.0007-0.1150i	-0.0197+0.0819i	-0.0060+0.1077i
5.8	--	-0.0050+0.0122i	0.0195+0.0138i	-0.1053-0.0058i	0.0391-0.0553i	-0.0549-0.0847i	-0.0081+0.0805i	0.0473+0.0772i
5.9	--	0.0026+0.0121i	0.0258+0.0053i	-0.1147+0.0004i	0.0212-0.0725i	-0.0941-0.0473i	0.0183+0.0810i	0.0829+0.0379i
6.0	--	0.0078+0.0084i	0.0213-0.0081i	-0.1224+0.0063i	0.0027-0.0646i	-0.0906+0.0244i	0.0249+0.0462i	0.0770-0.0310i
6.1	--	0.0108+0.0088i	0.0106-0.0122i	-0.1302+0.0060i	0.0012-0.0757i	-0.0336+0.0651i	0.0016+0.0529i	0.0201-0.0744i
6.2	--	0.0189+0.0114i	0.0050-0.0092i	-0.1425-0.0005i	-0.0136-0.0941i	0.0003+0.0618i	0.0087+0.0821i	-0.0175-0.0747i
6.3	--	0.0323+0.0104i	0.0045-0.0034i	-0.1605+0.0006i	-0.0375-0.0982i	0.0172+0.0376i	0.0372+0.1007i	-0.0409-0.0505i
6.4	--	0.0444+0.0085i	0.0049-0.0019i	-0.1700+0.0106i	-0.0571-0.1021i	0.0236+0.0227i	0.0661+0.1101i	-0.0536-0.0365i
6.5	--	0.0663+0.0025i	0.0053-0.0026i	-0.1834+0.0209i	-0.0885-0.0990i	0.0315+0.0197i	0.1110+0.1012i	-0.0703-0.0314i
6.6	--	0.0881-0.0037i	0.0050-0.0021i	-0.1942+0.0291i	-0.0984-0.0932i	0.0407+0.0027i	0.1292+0.0866i	-0.0860-0.0112i
6.7	--	0.1188-0.0169i	0.0043-0.0019i	-0.2096+0.0367i	-0.1189-0.0981i	0.0381-0.0202i	0.1532+0.0759i	-0.0914+0.0145i
6.8	--	0.1735-0.0352i	0.0008-0.0014i	-0.2315+0.0369i	-0.1576-0.1081i	0.0232-0.0390i	0.1886+0.0640i	-0.0921+0.0367i
6.9	--	0.2406-0.0834i	-0.0053+0.0001i	-0.2465+0.0522i	-0.2104-0.1157i	0.0081-0.0376i	0.2264+0.0606i	-0.0936+0.0430i
7.0	--	0.3221-0.2269i	-0.0135+0.0101i	-0.2523+0.0832i	-0.3172-0.0916i	0.0194-0.0336i	0.3169+0.0320i	-0.1274+0.0658i
7.1	--	0.3504-0.4828i	-0.0158+0.0307i	-0.2347+0.1053i	-0.4534+0.0299i	0.0670-0.0805i	0.4584-0.1003i	-0.1957+0.1691i
7.2	--	0.0767-0.7513i	0.0069+0.0488i	-0.1812+0.1003i	-0.4185+0.3026i	-0.0147-0.2501i	0.3927-0.4431i	-0.0618+0.4192i
7.3	--	-0.2607-0.7103i	0.0266+0.0458i	-0.1775+0.0241i	-0.2176+0.3759i	-0.3018-0.1413i	0.0234-0.4661i	0.3184+0.2979i
7.4	--	-0.4884-0.5177i	0.0464+0.0393i	-0.2559-0.0387i	-0.0900+0.3497i	-0.2341+0.1597i	-0.0743-0.2418i	0.2878-0.0603i
7.5	--	-0.5097-0.3204i	0.0538+0.0208i	-0.3359-0.0173i	-0.0292+0.2980i	-0.0638+0.1613i	-0.0118-0.1813i	0.1080-0.0945i
7.6	--	-0.4625-0.2064i	0.0489+0.0087i	-0.3891+0.0113i	-0.0157+0.2532i	-0.0199+0.0899i	0.0143-0.1864i	0.0497-0.0365i
7.7	--	-0.4243-0.1673i	0.0440+0.0053i	-0.4175+0.0260i	-0.0169+0.2406i	-0.0216+0.0792i	0.0174-0.1888i	0.0421-0.0293i
7.8	--	-0.4086-0.1545i	0.0439+0.0021i	-0.4699+0.0257i	-0.0173+0.2501i	-0.0127+0.0852i	0.0267-0.1995i	0.0277-0.0370i
7.9	--	-0.4271-0.1526i	0.0442+0.0004i	-0.5516+0.0393i	0.0001+0.2782i	0.0129+0.0901i	0.0215-0.2295i	0.0008-0.0374i
8.0	--	-0.4569-0.1250i	0.0446-0.0024i	-0.6462+0.0951i	0.0213+0.2934i	0.0193+0.0586i	0.0003-0.2583i	-0.0045-0.0032i
8.1	--	-0.4706-0.1046i	0.0444-0.0044i	-0.6939+0.1464i	0.0562+0.3169i	0.0133+0.0560i	-0.0318-0.2859i	0.0035+0.0010i
8.2	--	-0.4986-0.0808i	0.0446-0.0047i	-0.7608+0.1874i	0.1124+0.3288i	0.0333+0.0578i	-0.0785-0.3038i	-0.0128+0.0013i
8.3	--	-0.5287-0.0522i	0.0424-0.0057i	-0.8320+0.2525i	0.1759+0.3278i	0.0487+0.0461i	-0.1349-0.3133i	-0.0221+0.0142i
8.4	--	-0.5600-0.0215i	0.0400-0.0072i	-0.9044+0.3302i	0.2443+0.3188i	0.0527+0.0264i	-0.2020-0.3151i	-0.0191+0.0341i
8.5	--	-0.5976+0.0136i	0.0403-0.0076i	-1.0019+0.4061i	0.3065+0.2875i	0.0470+0.0038i	-0.2665-0.2960i	-0.0066+0.0516i
8.6	--	-0.6441+0.0559i	0.0418-0.0071i	-1.1393+0.5096i	0.3666+0.2425i	0.0299-0.0121i	-0.3328-0.2605i	0.0156+0.0638i
8.7	--	-0.7083+0.1057i	0.0414-0.0058i	-1.3130+0.6405i	0.4344+0.1929i	0.0163-0.0091i	-0.4013-0.2204i	0.0352+0.0580i
8.8	--	-0.7724+0.1940i	0.0385-0.0096i	-1.4631+0.9097i	0.4841+0.0947i	0.0139+0.0021i	-0.4646-0.1410i	0.0431+0.0366i
8.9	--	-0.8292+0.3179i	0.0320-0.0036i	-1.5977+1.2680i	0.4907+0.0064i	0.0340-0.0044i	-0.5088-0.0388i	0.0208+0.0356i
9.0	--	-0.8420+0.4768i	0.0334+0.0047i	-1.6120+1.7311i	0.4921-0.0764i	0.0341-0.0374i	-0.5174+0.0863i	0.0189+0.0630i
9.1	--	-0.8304+0.5814i	0.0479+0.0103i	-1.5538+2.0061i	0.4832-0.1486i	-0.0229-0.0412i	-0.4572+0.1677i	0.0681+0.0607i
9.2	--	-0.9253+0.8532i	0.0599+0.0074i	-1.7945+2.8067i	0.5308-0.2768i	-0.0292-0.0125i	-0.4975+0.2626i	0.0755+0.0330i
9.3	--	-0.7240+1.3061i	0.0675-0.0011i	-1.1201+4.1083i	0.4491-0.5041i	-0.0168-0.0066i	-0.4366+0.4744i	0.0657+0.0219i
9.4	--	-0.0741+1.4923i	0.0681-0.0178i	0.8766+4.5492i	0.1517-0.6255i	-0.0134-0.0040i	-0.1567+0.5982i	0.0595+0.0129i
9.5	--	0.3724+1.2484i	0.0621-0.0292i	2.1653+3.7251i	-0.0682-0.5430i	-0.0152-0.0085i	0.0564+0.5227i	0.0577+0.0140i
9.6	--	0.5787+0.8914i	0.0499-0.0322i	2.7566+2.5991i	-0.1859-0.3952i	-0.0268-0.0076i	0.1731+0.3845i	0.0652+0.0122i
9.7	--	0.5538+0.5974i	0.0421-0.0276i	2.6342+1.6916i	-0.1957-0.2592i	-0.0308+0.0032i	0.1883+0.2565i	0.0654+0.0011i
9.8	--	0.4926+0.4491i	0.0395-0.0220i	2.4000+1.2337i	-0.1782-0.1898i	-0.0344+0.0064i	0.1713+0.1863i	0.0676-0.0019i
9.9	--	0.4192+0.3312i	0.0341-0.0143i	2.1572+0.8743i	-0.1451-0.1390i	-0.0318+0.0100i	0.1392+0.1325i	0.0661-0.0034i
10.0	--	0.3553+0.2651i	0.0317-0.0073i	1.9474+0.6805i	-0.1236-0.1139i	-0.0344+0.0181i	0.1127+0.1115i	0.0647-0.0121i
10.1	--	0.3037+0.2179i	0.0337-0.0009i	1.7786+0.5409i	-0.1059-0.1017i	-0.0331+0.0228i	0.0960+0.1019i	0.0629-0.0200i
10.2	--	0.2533+0.1915i	0.0382+0.0085i	1.6288+0.4694i	-0.0926-0.0970i	-0.0255+0.0324i	0.0855+0.1062i	0.0543-0.0311i
10.3	--	0.2234+0.1814i	0.0469+0.0111i	1.5327+0.4708i	-0.0877-0.0989i	-0.0149+0.0344i	0.0865+0.1156i	0.0395-0.0340i
10.4	--	0.2101+0.1684i	0.0563+0.0124i	1.5069+0.4646i	-0.0958-0.0986i	-0.0063+0.0227i	0.1082+0.1196i	0.0275-0.0222i
10.5	--	0.1944+0.1504i	0.0537+0.0141i	1.5161+0.4196i	-0.1104-0.0833i	-0.0156+0.0208i	0.1340+0.1030i	0.0333-0.0196i
10.6	--	0.1848+0.1316i	0.0547+0.0175i	1.5202+0.3450i	-0.1136-0.0744i	-0.0128+0.0222i	0.1485+0.0837i	0.0289-0.0200i
10.7	--	0.1673+0.1119i	0.0618+0.0256i	1.4827+0.2705i	-0.1103-0.0677i	-0.0086+0.0195i	0.1540+0.0579i	0.0246-0.0163i
10.8	--	0.1470+0.0915i	0.0677+0.0345i	1.4323+0.2021i	-0.1074-0.0566i	-0.0087+0.0169i	0.1547+0.0366i	0.0254-0.0120i
10.9	--	0.1232+0.0796i	0.0727+0.0372i	1.3879+0.1692i	-0.1049-0.0494i	-0.0120+0.0132i	0.1480+0.0197i	0.0274-0.0076i
11.0	--	0.1003+0.0714i	0.0794+0.0415i	1.3428+0.1576i	-0.1016-0.0465i	-0.0162+0.0107i	0.1387+0.0048i	0.0297-0.0033i
11.1	--	0.0848+0.0668i	0.0869+0.0479i	1.3065+0.1329i	-0.1013-0.0497i	-0.0211+0.0080i	0.1323-0.0042i	0.0336-0.0006i
11.2	--	0.0681+0.0616i	0.0942+0.0533i	1.2866+0.1138i	-0.1057-0.0512i	-0.0254+0.0064i	0.1249-0.0099i	0.0373+0.0013i
11.3	--	0.0513+0.0572i	0.1039+0.0578i	1.2774+0.1161i	-0.1134-0.0535i	-0.0307+0.0050i	0.1178-0.0131i	0.0437+0.0032i
11.4	--	0.0346+0.0535i	0.1075+0.0606i	1.2799+0.1151i	-0.1231-0.0506i	-0.0381+0.0055i	0.1120-0.0157i	0.0515+0.0020i
11.5	--	0.0194+0.0507i	0.1112+0.0667i	1.2739+0.1034i	-0.1330-0.0416i	-0.0440+0.0090i	0.1132-0.0170i	0.0558-0.0006i
11.6	--	0.0039+0.0478i	0.1163+0.0699i	1.2682+0.1005i	-0.1444-0.0320i	-0.0499+0.0110i	0.1157-0.0178i	0.0588-0.0031i
11.7	--	-0.0137+0.0484i	0.1215+0.0781i	1.2666+0.1097i	-0.1491-0.0243i	-0.0569+0.0130i	0.1150-0.0219i	0.0631-0.0065i
11.8	--	-0.0304+0.0466i	0.1215+0.0933i	1.2665+0.1045i	-0.1560-0.0184i	-0.0643+0.0167i	0.1139-0.0237i	0.0703-0.0082i
11.9	--	-0.0474+0.0451i	0.1158+0.1142i	1.2934+0.1005i	-0.1658-0.0078i	-0.0711+0.0198i	0.1170-0.0260i	0.0762-0.0107i

12.0	--	-0.0670+0.0447i	0.1095+0.1479i	1.3205+0.1129i	-0.1759+0.0000i	-0.0826+0.0225i	0.1220-0.0264i	0.0845-0.0121i
12.1	--	-0.0862+0.0465i	0.1053+0.2049i	1.3517+0.1181i	-0.1877+0.0141i	-0.0966+0.0281i	0.1259-0.0220i	0.0953-0.0175i
12.2	--	-0.1004+0.0493i	0.1178+0.2634i	1.3808+0.1173i	-0.1950+0.0289i	-0.1064+0.0354i	0.1304-0.0217i	0.1031-0.0237i
12.3	--	-0.1206+0.0513i	0.1493+0.3610i	1.4393+0.1183i	-0.2032+0.0505i	-0.1221+0.0484i	0.1413-0.0182i	0.1130-0.0350i
12.4	--	-0.1431+0.0618i	0.2394+0.5000i	1.5180+0.0995i	-0.2012+0.0722i	-0.1357+0.0643i	0.1634-0.0184i	0.1219-0.0488i
12.5	--	-0.1627+0.0672i	0.3602+0.6293i	1.6064+0.0814i	-0.2000+0.0889i	-0.1488+0.0795i	0.1817-0.0252i	0.1307-0.0620i
12.6	--	-0.1792+0.0709i	0.5307+0.7468i	1.6701+0.0694i	-0.1982+0.1044i	-0.1611+0.0991i	0.2005-0.0314i	0.1361-0.0770i
12.7	--	-0.2073+0.0806i	0.8974+0.8267i	1.7634+0.0012i	-0.1960+0.1220i	-0.1769+0.1266i	0.2272-0.0535i	0.1425-0.1001i
12.8	--	-0.2299+0.0893i	1.2321+0.7469i	1.8246-0.0567i	-0.1937+0.1367i	-0.1867+0.1520i	0.2475-0.0734i	0.1473-0.1205i
12.9	--	-0.2518+0.0867i	1.5497+0.6079i	1.9010-0.0895i	-0.1927+0.1573i	-0.2050+0.1817i	0.2730-0.0927i	0.1583-0.1389i
13.0	--	-0.2823+0.0897i	1.9343+0.3442i	2.0015-0.1354i	-0.1878+0.1876i	-0.2334+0.2284i	0.2998-0.1268i	0.1793-0.1689i
13.1	--	-0.3192+0.1032i	2.2413+0.0032i	2.0985-0.2094i	-0.1773+0.2103i	-0.2669+0.2858i	0.3216-0.1767i	0.2070-0.2087i
13.2	--	-0.3577+0.1070i	2.6470-0.3999i	2.2117-0.2459i	-0.1585+0.2448i	-0.3282+0.3793i	0.3506-0.2362i	0.2606-0.2817i
13.3	--	-0.3943+0.1054i	2.8329-1.0307i	2.3226-0.2721i	-0.1095+0.2569i	-0.3342+0.5366i	0.3401-0.2978i	0.2766-0.4178i
13.4	--	-0.4721+0.0765i	3.0277-2.3121i	2.6132-0.2430i	-0.0691+0.2239i	-0.2302+0.9039i	0.3428-0.3562i	0.1689-0.7465i
13.5	--	-0.5883+0.1136i	2.3428-3.2307i	2.9381-0.4550i	-0.0696+0.1978i	0.0676+1.0160i	0.3359-0.4524i	-0.1009-0.8213i
13.6	--	-0.8021+0.1852i	0.8662-4.0913i	3.4852-0.8077i	-0.0992+0.1434i	0.5232+1.0086i	0.2386-0.5858i	-0.4846-0.7831i
13.7	--	-0.9994+0.3260i	-0.4379-3.9038i	3.9371-1.2878i	-0.1878+0.1327i	0.8213+0.8078i	0.1349-0.6097i	-0.7324-0.6018i
13.8	--	-1.2093+0.6640i	-1.3240-2.8219i	4.3498-2.2453i	-0.3105+0.2332i	0.9576+0.3905i	0.0818-0.5818i	-0.8475-0.2271i
13.9	--	-1.2657+1.0357i	-1.3767-2.1100i	4.4477-3.2772i	-0.3530+0.3812i	0.9141+0.1358i	0.0966-0.6071i	-0.8083+0.0151i
14.0	--	-1.2266+1.5938i	-1.2676-1.6911i	4.3346-4.8291i	-0.3126+0.6017i	0.8054-0.0627i	0.0768-0.7335i	-0.6906+0.2202i
14.1	--	-0.7803+2.1771i	-1.1636-1.4905i	3.0820-6.5002i	-0.1143+0.7943i	0.6336-0.1765i	-0.0775-0.8816i	-0.4898+0.3390i
14.2	--	0.0708+2.4900i	-1.1845-1.3623i	0.6109-7.4546i	0.2106+0.8308i	0.4687-0.1829i	-0.3847-0.9171i	-0.2824+0.3216i
14.3	--	0.9713+2.2005i	-1.2701-1.1592i	-2.0935-6.6538i	0.4765+0.6576i	0.4044-0.1437i	-0.6657-0.7347i	-0.1970+0.2263i
14.4	--	1.3915+1.5631i	-1.2691-0.9705i	-3.3860-4.7994i	0.5531+0.4256i	0.4161-0.1147i	-0.7484-0.4793i	-0.2248+0.1569i
14.5	--	1.4200+1.0967i	-1.2136-0.8234i	-3.5284-3.3974i	0.5404+0.2802i	0.4272-0.1354i	-0.7254-0.3214i	-0.2505+0.1602i
14.6	--	1.3133+0.7330i	-1.1309-0.7112i	-3.2542-2.3048i	0.5062+0.1696i	0.4377-0.1814i	-0.6722-0.2050i	-0.2744+0.1969i
14.7	--	1.1847+0.4883i	-1.0667-0.6475i	-2.9115-1.5434i	0.4604+0.0697i	0.4447-0.2606i	-0.6147-0.1099i	-0.2984+0.2664i
14.8	--	1.0759+0.4037i	-1.0337-0.6299i	-2.5871-1.2233i	0.4003+0.0412i	0.3918-0.3203i	-0.5621-0.0800i	-0.2558+0.3293i
14.9	--	0.9602+0.2758i	-1.0293-0.5861i	-2.1671-0.7908i	0.3483+0.0501i	0.2401-0.3803i	-0.5088-0.0563i	-0.1085+0.4017i
15.0	--	0.8722+0.1805i	-1.0012-0.5545i	-1.8485-0.5920i	0.3465+0.0360i	0.1383-0.3266i	-0.4858-0.0383i	-0.0025+0.3458i
15.1	--	0.7911+0.1123i	-1.0105-0.5329i	-1.6306-0.4552i	0.3510+0.0029i	0.0934-0.2649i	-0.4724-0.0167i	0.0463+0.2794i
15.2	--	0.6985+0.0595i	-1.0347-0.4875i	-1.4488-0.3444i	0.3406-0.0384i	0.0837-0.2066i	-0.4587+0.0157i	0.0571+0.2118i
15.3	--	0.6149+0.0447i	-1.0438-0.4165i	-1.2816-0.2809i	0.3164-0.0726i	0.1014-0.1541i	-0.4361+0.0542i	0.0339+0.1462i
15.4	--	0.5638+0.0491i	-1.0252-0.3565i	-1.1578-0.2422i	0.2951-0.0951i	0.1360-0.1339i	-0.4091+0.0710i	-0.0088+0.1208i
15.5	--	0.5230+0.0498i	-0.9921-0.3080i	-1.0587-0.2021i	0.2749-0.1211i	0.1780-0.1353i	-0.3820+0.0826i	-0.0607+0.1186i
15.6	--	0.4773+0.0423i	-0.9919-0.2708i	-0.9604-0.1850i	0.2583-0.1421i	0.1985-0.1539i	-0.3625+0.0872i	-0.0881+0.1391i
15.7	--	0.4447+0.0445i	-0.9665-0.2221i	-0.8666-0.1477i	0.2278-0.1744i	0.2168-0.2021i	-0.3438+0.0881i	-0.1140+0.1929i
15.8	--	0.4133+0.0396i	-0.9486-0.1821i	-0.7925-0.1006i	0.2002-0.1905i	0.2237-0.2609i	-0.3400+0.0613i	-0.1210+0.2639i
15.9	--	0.3897+0.0456i	-0.9235-0.1409i	-0.7497-0.1061i	0.1712-0.2023i	0.1878-0.3092i	-0.3633+0.0552i	-0.0754+0.3192i
16.0	--	0.3802+0.0421i	-0.9091-0.1193i	-0.7384-0.0756i	0.1613-0.2342i	0.1394-0.3519i	-0.4094+0.0729i	-0.0134+0.3617i
16.1	--	0.3655+0.0341i	-0.8916-0.1055i	-0.7090+0.0168i	0.1315-0.3057i	0.0765-0.3804i	-0.4511+0.1520i	0.0641+0.3766i
16.2	--	0.3409+0.0319i	-0.8525-0.0774i	-0.6018+0.0864i	0.0319-0.3279i	0.0086-0.3642i	-0.4137+0.2265i	0.1290+0.3441i
16.3	--	0.3166+0.0211i	-0.8422-0.0538i	-0.4901+0.1428i	-0.0705-0.3172i	-0.0504-0.3286i	-0.3672+0.2817i	0.1812+0.2957i
16.4	--	0.2887+0.0211i	-0.8154-0.0487i	-0.3504+0.1516i	-0.1755-0.2527i	-0.1023-0.2732i	-0.3002+0.3150i	0.2235+0.2330i
16.5	--	0.2707+0.0172i	-0.7963-0.0504i	-0.2839+0.1358i	-0.1989-0.1663i	-0.1096-0.2330i	-0.2713+0.3046i	0.2273+0.1937i
16.6	--	0.2352+0.0108i	-0.7902-0.0505i	-0.2042+0.1280i	-0.1860-0.1099i	-0.1007-0.1923i	-0.2433+0.3337i	0.2140+0.1475i
16.7	--	0.1908+0.0352i	-0.7705-0.0436i	-0.0928+0.0887i	-0.2069-0.0897i	-0.1000-0.1703i	-0.1685+0.3623i	0.2033+0.1204i
16.8	--	0.1734+0.0659i	-0.7714-0.0318i	-0.0178+0.0180i	-0.2077-0.0234i	-0.0724-0.1423i	-0.0626+0.3261i	0.1590+0.1002i
16.9	--	0.1776+0.0980i	-0.7594-0.0233i	-0.0242-0.0610i	-0.1598-0.0092i	-0.0315-0.1784i	-0.0686+0.1903i	0.1206+0.1603i
17.0	--	0.1774+0.1116i	-0.7519-0.0256i	-0.0325-0.0758i	-0.1728+0.0085i	-0.0656-0.2177i	-0.1359+0.2480i	0.1704+0.1952i
17.1	--	0.1628+0.1185i	-0.7354-0.0282i	0.0120-0.0521i	-0.1803+0.0093i	-0.1530-0.2186i	-0.0608+0.2979i	0.2621+0.1842i
17.2	--	0.1555+0.1393i	-0.7305-0.0331i	0.0912-0.1052i	-0.2532+0.0250i	-0.2103-0.1282i	-0.0008+0.1980i	0.3164+0.0936i
17.3	--	0.1693+0.1565i	-0.7408-0.0378i	0.0615-0.1708i	-0.2635+0.1445i	-0.1668-0.0480i	-0.0955+0.1731i	0.2790+0.0084i
17.4	--	0.1823+0.1517i	-0.7471-0.0391i	0.0102-0.1362i	-0.1804+0.2267i	-0.0990-0.0260i	-0.1284+0.2497i	0.2125-0.0277i
17.5	--	0.1851+0.1440i	-0.7506-0.0328i	0.0510-0.0823i	-0.0566+0.1710i	-0.0478-0.0766i	-0.0235+0.3034i	0.1440+0.0153i
17.6	--	0.1737+0.1472i	-0.7572-0.0387i	0.1377-0.0961i	-0.1083+0.1139i	-0.0695-0.1011i	0.0285+0.2530i	0.1559+0.0434i
17.7	--	0.1685+0.1506i	-0.7765-0.0410i	0.2071-0.1243i	-0.1572+0.1200i	-0.0831-0.1130i	0.0398+0.2115i	0.1634+0.0590i
17.8	--	0.1538+0.1596i	-0.7944-0.0389i	0.2931-0.1950i	-0.1766+0.1779i	-0.0919-0.1257i	0.0624+0.1871i	0.1627+0.0769i
17.9	--	0.1404+0.1763i	-0.8046-0.0314i	0.3605-0.3060i	-0.1694+0.2729i	-0.1298-0.1108i	0.0780+0.1362i	0.1924+0.0750i
18.0	--	0.1482+0.1916i	-0.8231-0.0315i	0.3438-0.3955i	-0.1321+0.3190i	-0.1672-0.0891i	0.0611+0.0926i	0.2329+0.0655i
18.1	--	0.1624+0.2061i	-0.8386-0.0288i	0.2536-0.5023i	-0.0601+0.3489i	-0.1699-0.0513i	0.0178+0.0733i	0.2469+0.0410i
18.2	--	0.1702+0.2100i	-0.8597-0.0221i	0.1858-0.5600i	0.0119+0.3389i	-0.1583-0.0228i	-0.0265+0.0838i	0.2555+0.0139i

18.3	--	0.1787+0.2070i	-0.8907-0.0076i	0.0930-0.5626i	0.0588+0.3032i	-0.1493-0.0041i	-0.0329+0.1039i	0.2615-0.0098i
18.4	--	0.1915+0.1849i	-0.9059+0.0001i	-0.0661-0.4779i	0.1006+0.2834i	-0.1269+0.0133i	-0.0195+0.1228i	0.2538-0.0340i
18.5	--	0.1750+0.1364i	-0.9317+0.0063i	-0.1335-0.2003i	0.1195+0.2220i	-0.0973-0.0004i	-0.0099+0.1116i	0.2499-0.0507i
18.6	--	0.0963+0.1467i	-0.9640+0.0250i	0.2167-0.0312i	0.0521+0.1918i	-0.1272-0.0208i	-0.0328+0.1092i	0.2648-0.0847i
18.7	--	0.0645+0.2421i	-0.9944+0.0525i	0.5436-0.3732i	0.0227+0.2690i	-0.1658+0.0266i	-0.0430+0.1528i	0.2407-0.1461i
18.8	--	0.1083+0.2852i	-1.0070+0.0698i	0.4351-0.6537i	0.0619+0.2974i	-0.1471+0.0698i	-0.0108+0.1731i	0.1989-0.1560i
18.9	--	0.1369+0.2969i	-1.0255+0.0907i	0.2874-0.7562i	0.1026+0.2987i	-0.1163+0.0879i	0.0181+0.1734i	0.1656-0.1591i
19.0	--	0.1540+0.3005i	-1.0553+0.1050i	0.1914-0.7797i	0.1426+0.2926i	-0.0951+0.0981i	0.0429+0.1668i	0.1438-0.1601i
19.1	--	0.1609+0.2965i	-1.0945+0.1308i	0.1328-0.7689i	0.1528+0.2796i	-0.0743+0.0974i	0.0679+0.1415i	0.1245-0.1475i
19.2	--	0.1672+0.3012i	-1.1225+0.1602i	0.0934-0.7791i	0.1642+0.2836i	-0.0635+0.1000i	0.0737+0.1242i	0.1176-0.1406i
19.3	--	0.1701+0.3066i	-1.1635+0.1929i	0.0773-0.8011i	0.1801+0.2869i	-0.0531+0.1021i	0.0835+0.1040i	0.1099-0.1361i
19.4	--	0.1744+0.3126i	-1.1775+0.2289i	0.0374-0.8197i	0.2050+0.2852i	-0.0417+0.1066i	0.0833+0.0924i	0.1011-0.1386i
19.5	--	0.1859+0.3222i	-1.2017+0.2704i	-0.0422-0.8265i	0.2398+0.2672i	-0.0299+0.1091i	0.0766+0.0736i	0.0922-0.1413i
19.6	--	0.1998+0.3312i	-1.2367+0.2995i	-0.1143-0.8664i	0.2746+0.2528i	-0.0136+0.1092i	0.0761+0.0645i	0.0780-0.1393i
19.7	--	0.2113+0.3357i	-1.2952+0.3414i	-0.1679-0.8933i	0.2967+0.2404i	-0.0058+0.1144i	0.0826+0.0565i	0.0736-0.1436i
19.8	--	0.2225+0.3366i	-1.3069+0.3696i	-0.2364-0.8844i	0.3203+0.2095i	0.0169+0.1148i	0.0804+0.0342i	0.0485-0.1450i
19.9	--	0.2324+0.3392i	-1.3175+0.4297i	-0.3094-0.8396i	0.3135+0.1606i	0.0246+0.1051i	0.0568+0.0145i	0.0517-0.1338i
20.0	--	0.2328+0.3341i	-1.3951+0.4840i	-0.3750-0.7922i	0.3157+0.1301i	0.0339+0.0915i	0.0460+0.0153i	0.0448-0.1206i
20.1	--	0.2337+0.3390i	-1.4127+0.5178i	-0.4143-0.7673i	0.3153+0.1092i	0.0407+0.0813i	0.0484+0.0107i	0.0432-0.1105i
20.2	--	0.2359+0.3466i	-1.4496+0.5393i	-0.4605-0.7339i	0.3059+0.0971i	0.0363+0.0703i	0.0398+0.0061i	0.0533-0.1032i
20.3	--	0.2473+0.3565i	-1.5520+0.6439i	-0.5396-0.7107i	0.3094+0.0802i	0.0390+0.0741i	0.0345-0.0055i	0.0492-0.1121i
20.4	--	0.2595+0.3585i	-1.5985+0.7352i	-0.6133-0.6487i	0.3092+0.0644i	0.0459+0.0850i	0.0244-0.0089i	0.0425-0.1291i
20.5	--	0.2714+0.3642i	-1.6562+0.8741i	-0.6530-0.5690i	0.3077+0.0496i	0.0536+0.0873i	0.0184-0.0102i	0.0301-0.1339i
20.6	--	0.2822+0.3640i	-1.7327+1.0625i	-0.7096-0.4700i	0.3090+0.0360i	0.0706+0.0944i	0.0085-0.0098i	0.0058-0.1450i
20.7	--	0.2843+0.3687i	-1.7503+1.2447i	-0.7171-0.3955i	0.3074+0.0164i	0.0874+0.1003i	-0.0001-0.0161i	-0.0158-0.1597i
20.8	--	0.2982+0.3770i	-1.6786+1.4811i	-0.6869-0.2863i	0.2875+0.0017i	0.1177+0.0869i	-0.0375-0.0066i	-0.0645-0.1443i
20.9	--	0.3101+0.3821i	-1.5608+1.6579i	-0.6928-0.2787i	0.2874-0.0065i	0.1142+0.0670i	-0.0337+0.0146i	-0.0463-0.1114i
21.0	--	0.3202+0.3829i	-1.4235+1.7988i	-0.7123-0.1820i	0.2778-0.0245i	0.1177+0.0580i	-0.0325+0.0123i	-0.0487-0.1010i
21.1	--	0.3331+0.3884i	-1.2709+1.8397i	-0.6871-0.1214i	0.2661-0.0367i	0.1220+0.0504i	-0.0402+0.0112i	-0.0550-0.0951i
21.2	--	0.3449+0.3916i	-1.0758+1.9386i	-0.6690-0.0057i	0.2537-0.0422i	0.1351+0.0374i	-0.0452+0.0252i	-0.0695-0.0861i
21.3	--	0.3537+0.3925i	-1.0047+1.9646i	-0.6131+0.1023i	0.2392-0.0488i	0.1419+0.0252i	-0.0530+0.0415i	-0.0798-0.0697i
21.4	--	0.3728+0.3985i	-0.7854+1.9667i	-0.5401+0.1613i	0.2295-0.0556i	0.1468+0.0165i	-0.0538+0.0536i	-0.0880-0.0595i
21.5	--	0.3949+0.3896i	-0.6530+1.9239i	-0.4799+0.2196i	0.2209-0.0621i	0.1469-0.0012i	-0.0522+0.0677i	-0.0908-0.0415i
21.6	--	0.4141+0.3832i	-0.6328+1.9131i	-0.4155+0.3123i	0.1914-0.0714i	0.1369-0.0119i	-0.0263+0.0815i	-0.0941-0.0313i
21.7	--	0.4194+0.3833i	-0.6438+1.8869i	-0.3159+0.3302i	0.1713-0.0710i	0.1336-0.0284i	-0.0105+0.0856i	-0.0947-0.0076i
21.8	--	0.4275+0.3763i	-0.6632+1.8630i	-0.1990+0.3647i	0.1571-0.0476i	0.1290-0.0393i	-0.0071+0.0839i	-0.0935+0.0126i
21.9	--	0.4306+0.3713i	-0.7509+1.8721i	-0.0741+0.3802i	0.1564-0.0103i	0.1285-0.0613i	-0.0028+0.1003i	-0.0956+0.0504i
22.0	--	0.4475+0.3648i	-0.7591+1.9550i	-0.0117+0.3759i	0.1576+0.0055i	0.1125-0.0676i	0.0156+0.1006i	-0.0663+0.0684i
22.1	--	0.4495+0.3511i	-0.8277+2.0025i	0.0963+0.3325i	0.1626+0.0225i	0.1043-0.0739i	0.0159+0.0984i	-0.0487+0.0826i
22.2	--	0.4559+0.3567i	-0.8174+2.2159i	0.1927+0.2311i	0.1874+0.0304i	0.0834-0.0764i	0.0403+0.1022i	-0.0166+0.0928i
22.3	--	0.4636+0.3622i	-0.8383+2.5489i	0.2400+0.1710i	0.2197+0.0209i	0.0730-0.0672i	0.0558+0.0912i	0.0033+0.0784i
22.4	--	0.4718+0.3714i	-0.8152+2.9512i	0.2557+0.1313i	0.2420+0.0057i	0.0664-0.0663i	0.0673+0.0851i	0.0188+0.0810i
22.5	--	0.4877+0.3812i	-0.6464+3.3271i	0.2680+0.0923i	0.2516-0.0163i	0.0583-0.0641i	0.0726+0.0721i	0.0286+0.0732i
22.6	--	0.5013+0.3815i	-0.2496+3.7025i	0.3057+0.0194i	0.2402-0.0419i	0.0596-0.0606i	0.0653+0.0618i	0.0286+0.0791i
22.7	--	0.5277+0.3746i	0.3552+3.8351i	0.3077+0.0014i	0.2269-0.0503i	0.0602-0.0660i	0.0652+0.0693i	0.0416+0.0925i
22.8	--	0.5561+0.3653i	0.9144+3.8454i	0.2973+0.0091i	0.2176-0.0495i	0.0498-0.0700i	0.0764+0.0657i	0.0670+0.0977i
22.9	--	0.5874+0.3397i	1.6871+3.6820i	0.2873+0.0402i	0.1945-0.0387i	0.0191-0.0573i	0.1033+0.0440i	0.1309+0.0727i
23.0	--	0.6082+0.3130i	2.1608+3.3064i	0.2762+0.0662i	0.1986-0.0332i	0.0038-0.0348i	0.1136+0.0135i	0.1640+0.0190i
23.1	--	0.6195+0.2860i	2.4476+2.7590i	0.3777+0.0372i	0.2038-0.0417i	0.0257-0.0015i	0.0823-0.0152i	0.1064-0.0452i
23.2	--	0.6158+0.2617i	2.5940+2.3662i	0.4602+0.0079i	0.2052-0.0411i	0.0450+0.0017i	0.0623-0.0167i	0.0758-0.0439i
23.3	--	0.6112+0.2323i	2.6543+1.9381i	0.5146-0.0129i	0.2094-0.0380i	0.0602+0.0041i	0.0481-0.0200i	0.0552-0.0457i
23.4	--	0.6026+0.2110i	2.6436+1.5353i	0.5439-0.0642i	0.2152-0.0409i	0.0619+0.0044i	0.0450-0.0208i	0.0540-0.0444i
23.5	--	0.5994+0.1951i	2.6525+1.2343i	0.5876-0.1294i	0.2174-0.0488i	0.0593+0.0012i	0.0443-0.0134i	0.0538-0.0359i
23.6	--	0.5844+0.1860i	2.4969+0.9675i	0.6273-0.2161i	0.2190-0.0558i	0.0719+0.0013i	0.0328-0.0102i	0.0370-0.0301i
23.7	--	0.5766+0.1757i	2.3616+0.7160i	0.6236-0.2571i	0.2162-0.0642i	0.0811+0.0030i	0.0316-0.0124i	0.0281-0.0321i
23.8	--	0.5748+0.1756i	2.2486+0.5597i	0.5769-0.3403i	0.2073-0.0700i	0.0908+0.0019i	0.0271-0.0090i	0.0109-0.0282i
23.9	--	0.5700+0.1734i	2.1021+0.4401i	0.5389-0.4060i	0.2014-0.0841i	0.1017+0.0024i	0.0188-0.0042i	-0.0052-0.0245i
24.0	--	0.5699+0.1694i	1.9968+0.3431i	0.5117-0.4514i	0.1816-0.0744i	0.1122-0.0063i	0.0083+0.0106i	-0.0199-0.0030i
24.1	--	0.5660+0.1600i	1.8817+0.2491i	0.5037-0.4276i	0.1690-0.0639i	0.1237-0.0155i	0.0115+0.0224i	-0.0347+0.0120i
24.2	--	0.5632+0.1592i	1.7775+0.1664i	0.4980-0.4460i	0.1703-0.0543i	0.1221-0.0241i	0.0278+0.0342i	-0.0204+0.0277i
24.3	--	0.5682+0.1549i	1.6745+0.1209i	0.4390-0.4767i	0.1761-0.0308i	0.1229-0.0339i	0.0414+0.0389i	-0.0123+0.0544i
24.4	--	0.5640+0.1470i	1.5898+0.0716i	0.4010-0.4479i	0.2067-0.0244i	0.1193-0.0417i	0.0560+0.0234i	0.0191+0.0509i
24.5	--	0.5561+0.1421i	1.5239+0.0418i	0.4166-0.4426i	0.2350-0.0214i	0.1259-0.0518i	0.0620+0.0182i	0.0195+0.0655i

24.6	--	0.5476+0.1341i	1.4552-0.0007i	0.4544-0.3888i	0.2608-0.0385i	0.1229-0.0599i	0.0728+0.0109i	0.0362+0.0645i
24.7	--	0.5400+0.1374i	1.3900-0.0225i	0.5452-0.4238i	0.2599-0.0694i	0.1227-0.0524i	0.0668-0.0039i	0.0246+0.0417i
24.8	--	0.5288+0.1403i	1.3177-0.0534i	0.6536-0.5054i	0.2438-0.0833i	0.1284-0.0507i	0.0487-0.0197i	0.0010+0.0441i
24.9	--	0.5202+0.1417i	1.2561-0.0735i	0.6924-0.5850i	0.2476-0.0830i	0.1438-0.0640i	0.0383-0.0067i	-0.0133+0.0815i
25.0	--	0.5174+0.1535i	1.2089-0.0876i	0.7079-0.7136i	0.2610-0.0938i	0.1542-0.0733i	0.0369+0.0174i	-0.0163+0.1024i
25.1	--	0.5202+0.1609i	1.1548-0.1134i	0.6786-0.8049i	0.2625-0.1058i	0.1513-0.0834i	0.0531+0.0379i	0.0027+0.1195i
25.2	--	0.5215+0.1647i	1.1035-0.1300i	0.6474-0.8799i	0.2627-0.1172i	0.1590-0.0997i	0.0846+0.0425i	0.0092+0.1411i
25.3	--	0.5295+0.1709i	1.0569-0.1407i	0.5755-0.9459i	0.2618-0.1294i	0.1667-0.1144i	0.1051+0.0370i	0.0101+0.1706i
25.4	--	0.5305+0.1738i	1.0187-0.1531i	0.5321-0.9625i	0.2584-0.1273i	0.1695-0.1352i	0.1182+0.0379i	0.0127+0.2075i
25.5	--	0.5320+0.1769i	0.9791-0.1659i	0.5008-0.9882i	0.2608-0.1209i	0.1711-0.1662i	0.1388+0.0389i	0.0355+0.2666i
25.6	--	0.5351+0.1864i	0.9466-0.1764i	0.4588-1.0533i	0.2766-0.1229i	0.1699-0.1986i	0.1685+0.0366i	0.0697+0.3203i
25.7	--	0.5397+0.2032i	0.8695-0.1846i	0.3837-1.1598i	0.3092-0.1476i	0.1423-0.2486i	0.2227+0.0013i	0.1867+0.3666i
25.8	--	0.5492+0.2175i	0.8178-0.1894i	0.3036-1.1832i	0.3398-0.1860i	0.1067-0.2734i	0.2692-0.0443i	0.2838+0.3516i
25.9	--	0.5689+0.2321i	0.7735-0.1859i	0.1974-1.2041i	0.3684-0.2503i	0.0622-0.2853i	0.3031-0.1254i	0.3669+0.2887i
26.0	--	0.5971+0.2272i	0.7279-0.1655i	0.1150-1.1778i	0.3260-0.3273i	0.0228-0.2782i	0.2586-0.2145i	0.4038+0.2192i
26.1	--	0.6125+0.2166i	0.6847-0.1498i	0.0533-1.1735i	0.2524-0.3620i	-0.0152-0.2739i	0.2007-0.2584i	0.4410+0.1888i
26.2	--	0.6218+0.1985i	0.6472-0.1248i	0.0029-1.1124i	0.1869-0.3674i	-0.0509-0.2523i	0.1410-0.2861i	0.4582+0.1237i
26.3	--	0.6296+0.1858i	0.6255-0.1101i	-0.0662-1.0501i	0.1497-0.3667i	-0.0755-0.2337i	0.1095-0.3105i	0.4761+0.0684i
26.4	--	0.6292+0.1721i	0.5946-0.0868i	-0.1101-0.9666i	0.0982-0.3620i	-0.0965-0.2074i	0.0500-0.3362i	0.4753-0.0029i
26.5	--	0.6282+0.1676i	0.5681-0.0630i	-0.0801-0.8983i	0.0556-0.3347i	-0.1079-0.1814i	-0.0199-0.3228i	0.4484-0.0470i
26.6	--	0.6242+0.1585i	0.5373-0.0656i	-0.0664-0.8366i	0.0255-0.3040i	-0.1119-0.1542i	-0.0765-0.3040i	0.4290-0.0840i
26.7	--	0.6191+0.1583i	0.4986-0.0687i	-0.0136-0.7963i	0.0027-0.2863i	-0.1204-0.1376i	-0.1138-0.3036i	0.4232-0.1091i
26.8	--	0.6147+0.1627i	0.4518-0.0333i	0.0832-0.7758i	-0.0043-0.2377i	-0.1266-0.1142i	-0.1660-0.2485i	0.3890-0.1424i
26.9	--	0.6131+0.1694i	0.4018+0.0136i	0.1310-0.8116i	0.0102-0.2154i	-0.1234-0.0966i	-0.1954-0.1945i	0.3667-0.1516i
27.0	--	0.6160+0.1749i	0.3523+0.0745i	0.1286-0.8225i	0.0137-0.1982i	-0.1181-0.0768i	-0.1999-0.1411i	0.3519-0.1630i
27.1	--	0.6268+0.1786i	0.3255+0.1353i	0.0925-0.8137i	-0.0004-0.1939i	-0.1116-0.0616i	-0.1916-0.0931i	0.3287-0.1800i
27.2	--	0.6290+0.1924i	0.2902+0.2268i	0.1390-0.8454i	-0.0132-0.1862i	-0.1065-0.0505i	-0.1827-0.0527i	0.2952-0.1865i
27.3	--	0.6308+0.2093i	0.2961+0.3238i	0.1969-0.8703i	-0.0133-0.1638i	-0.0986-0.0431i	-0.1574-0.0313i	0.2719-0.1901i
27.4	--	0.6319+0.2229i	0.3009+0.4241i	0.2736-0.8998i	-0.0157-0.1444i	-0.0900-0.0345i	-0.1380-0.0024i	0.2629-0.1803i
27.5	--	0.6472+0.2309i	0.3638+0.5158i	0.3207-0.9543i	-0.0090-0.1219i	-0.0827-0.0326i	-0.1125+0.0060i	0.2505-0.1537i
27.6	--	0.6662+0.2424i	0.4266+0.6021i	0.3301-0.9843i	-0.0148-0.0850i	-0.0758-0.0287i	-0.0995+0.0199i	0.2407-0.1238i
27.7	--	0.6964+0.2604i	0.5579+0.6803i	0.3460-1.0794i	0.0177-0.0503i	-0.0685-0.0305i	-0.0685+0.0420i	0.2789-0.0953i
27.8	--	0.7151+0.2676i	0.6491+0.7192i	0.3895-1.1689i	0.0606-0.0238i	-0.0699-0.0318i	-0.0331+0.0566i	0.3149-0.0859i
27.9	--	0.7403+0.2649i	0.7560+0.7308i	0.3946-1.2211i	0.1045-0.0263i	-0.0761-0.0237i	0.0050+0.0565i	0.3489-0.1056i
28.0	--	0.7555+0.2691i	0.8438+0.7262i	0.4362-1.3329i	0.1299-0.0397i	-0.0794-0.0211i	0.0410+0.0330i	0.3691-0.1289i
28.1	--	0.7789+0.2876i	0.9571+0.7117i	0.4127-1.5718i	0.1548-0.0434i	-0.0812-0.0101i	0.0676+0.0002i	0.3741-0.1501i
28.2	--	0.8401+0.3066i	1.0430+0.6762i	0.1770-1.7415i	0.1838-0.0329i	-0.0806+0.0080i	0.0513-0.0272i	0.3754-0.1534i
28.3	--	0.9140+0.2694i	1.1148+0.6319i	-0.0921-1.6717i	0.2424-0.0422i	-0.0721+0.0197i	0.0587-0.0140i	0.4192-0.1571i
28.4	--	0.9404+0.2162i	1.1575+0.5894i	-0.1832-1.5318i	0.2806-0.1049i	-0.0712+0.0233i	0.0845-0.0364i	0.4399-0.2208i
28.5	--	0.9494+0.1888i	1.1957+0.5556i	-0.1596-1.4809i	0.2780-0.1664i	-0.0745+0.0253i	0.0873-0.0700i	0.4200-0.2913i
28.6	--	0.9554+0.1667i	1.2277+0.5285i	-0.1142-1.4623i	0.2729-0.1880i	-0.0715+0.0334i	0.0857-0.0727i	0.4173-0.3016i
28.7	--	0.9645+0.1473i	1.2689+0.5201i	-0.1166-1.4766i	0.2781-0.2118i	-0.0666+0.0455i	0.1035-0.0834i	0.4125-0.3132i
28.8	--	0.9833+0.1247i	1.3297+0.5077i	-0.1604-1.4827i	0.2868-0.2434i	-0.0652+0.0586i	0.1160-0.1048i	0.4148-0.3468i
28.9	--	1.0007+0.1035i	1.3977+0.4990i	-0.1786-1.5233i	0.2880-0.2908i	-0.0649+0.0708i	0.1242-0.1492i	0.4173-0.4074i
29.0	--	1.0052+0.0781i	1.4588+0.5000i	-0.1587-1.5377i	0.2857-0.3231i	-0.0551+0.0825i	0.1280-0.1804i	0.4179-0.4445i
29.1	--	1.0066+0.0647i	1.5354+0.4638i	-0.1674-1.6010i	0.2805-0.3544i	-0.0454+0.0916i	0.1270-0.1982i	0.4035-0.4880i
29.2	--	1.0202+0.0336i	1.6390+0.4194i	-0.1762-1.6374i	0.2799-0.3959i	-0.0294+0.1059i	0.1216-0.2186i	0.3829-0.4992i
29.3	--	1.0300+0.0203i	1.6967+0.3961i	-0.2120-1.6823i	0.2775-0.4435i	-0.0216+0.1144i	0.1279-0.2530i	0.3805-0.5391i
29.4	--	1.0274-0.0028i	1.7578+0.3291i	-0.2903-1.7610i	0.2259-0.5047i	-0.0086+0.1215i	0.0962-0.3032i	0.3318-0.5868i
29.5	--	1.0346-0.0249i	1.8556+0.2797i	-0.3462-1.8152i	0.1733-0.5464i	0.0138+0.1296i	0.0826-0.3167i	0.3083-0.6075i
29.6	--	1.0421-0.0423i	1.9284+0.2239i	-0.4349-1.8336i	0.1264-0.5774i	0.0301+0.1303i	0.0749-0.3550i	0.2742-0.6391i
29.7	--	1.0445-0.0564i	2.0052+0.1320i	-0.4892-1.8685i	0.0782-0.6057i	0.0383+0.1269i	0.0419-0.4261i	0.2309-0.6897i
29.8	--	1.0564-0.0776i	2.0826+0.0592i	-0.5565-1.8804i	0.0296-0.6226i	0.0373+0.1273i	-0.0066-0.4794i	0.1772-0.7383i
29.9	--	1.0523-0.0961i	2.1576-0.0660i	-0.5845-1.9475i	-0.0594-0.6304i	0.0430+0.1344i	-0.0942-0.5166i	0.0848-0.7444i
30.0	--	1.0526-0.1161i	2.1919-0.1445i	-0.6849-1.9877i	-0.1060-0.6119i	0.0562+0.1460i	-0.1430-0.4947i	0.0338-0.7229i
30.1	--	1.0479-0.1462i	2.3025-0.2500i	-0.7980-1.9584i	-0.1863-0.6248i	0.0674+0.1529i	-0.2483-0.4886i	-0.0363-0.7493i
30.2	--	1.0461-0.1598i	2.3720-0.3830i	-0.8979-1.9636i	-0.2597-0.5970i	0.0856+0.1583i	-0.3318-0.4600i	-0.1026-0.7334i
30.3	--	1.0516-0.1720i	2.4207-0.5261i	-0.9930-1.9902i	-0.3042-0.5635i	0.0978+0.1605i	-0.3855-0.4042i	-0.1847-0.7004i
30.4	--	1.0596-0.1910i	2.4031-0.7030i	-1.1208-1.9533i	-0.3234-0.5310i	0.1062+0.1693i	-0.4068-0.3356i	-0.2517-0.6391i
30.5	--	1.0614-0.2207i	2.3840-0.8359i	-1.2363-1.9046i	-0.3757-0.5154i	0.1140+0.1778i	-0.4265-0.3017i	-0.2813-0.5833i
30.6	--	1.0769-0.2608i	2.4102-0.9429i	-1.3817-1.8218i	-0.4411-0.4650i	0.1431+0.1886i	-0.4346-0.2584i	-0.3031-0.5213i
30.7	--	1.0674-0.2802i	2.4370-1.0065i	-1.4433-1.7370i	-0.4759-0.4028i	0.1686+0.1911i	-0.4349-0.2102i	-0.3161-0.4783i
30.8	--	1.0634-0.3009i	2.5667-1.2070i	-1.5149-1.6464i	-0.5317-0.3643i	0.1931+0.1783i	-0.4418-0.1610i	-0.3306-0.4328i

30.9	--	1.0588-0.3287i	2.5575-1.3883i	-1.5980-1.5602i	-0.5536-0.2889i	0.2183+0.1731i	-0.4451-0.1331i	-0.3376-0.3533i
31.0	--	1.0282-0.3517i	2.5315-1.5637i	-1.6260-1.4293i	-0.5441-0.2104i	0.2598+0.1630i	-0.4270-0.1095i	-0.2853-0.2857i
31.1	--	0.9784-0.3985i	2.5510-1.8908i	-1.5594-1.3150i	-0.4946-0.1308i	0.2848+0.1395i	-0.3797-0.1088i	-0.1957-0.3133i
31.2	--	0.9386-0.4000i	2.4840-2.1089i	-1.5163-1.2921i	-0.4695-0.1092i	0.2847+0.1213i	-0.4049-0.1163i	-0.2263-0.3444i
31.3	--	0.9416-0.3868i	2.4859-2.3215i	-1.5278-1.2770i	-0.4861-0.1087i	0.2965+0.1153i	-0.4388-0.0959i	-0.2870-0.2978i
31.4	--	0.9343-0.3695i	2.4090-2.5647i	-1.5275-1.2643i	-0.4922-0.0623i	0.3134+0.1039i	-0.4642-0.0650i	-0.2758-0.2308i
31.5	--	0.9336-0.3630i	2.3203-2.8889i	-1.5741-1.2148i	-0.4905-0.0094i	0.3315+0.0831i	-0.4631-0.0080i	-0.2470-0.1955i
31.6	--	0.9043-0.3801i	2.1057-3.2660i	-1.5787-1.1861i	-0.4847+0.0530i	0.3516+0.0589i	-0.4630+0.0306i	-0.2095-0.1690i
31.7	--	0.8628-0.3999i	1.6567-3.6332i	-1.5466-1.1160i	-0.4406+0.1169i	0.3566+0.0279i	-0.4294+0.0742i	-0.1866-0.1538i
31.8	--	0.8500-0.3795i	1.3366-3.9058i	-1.5823-1.1102i	-0.3889+0.1323i	0.3599+0.0054i	-0.4135+0.0965i	-0.1485-0.1539i
31.9	--	0.7992-0.3435i	0.9141-3.9472i	-1.5196-1.1074i	-0.3421+0.1468i	0.3460-0.0118i	-0.4035+0.1126i	-0.1083-0.1557i
32.0	--	0.7966-0.3012i	0.5412-3.9659i	-1.5007-1.0839i	-0.3212+0.1727i	0.3374-0.0125i	-0.3842+0.1360i	-0.0774-0.1565i
32.1	--	0.8131-0.3094i	-0.0721-4.0575i	-1.5884-1.0347i	-0.3029+0.2022i	0.3470-0.0269i	-0.3539+0.1812i	-0.0561-0.1584i
32.2	--	0.7993-0.2846i	-0.5723-4.0065i	-1.5853-1.0188i	-0.2477+0.2204i	0.3678-0.0456i	-0.3131+0.2073i	-0.0166-0.1792i
32.3	--	0.8017-0.2355i	-0.8597-3.7712i	-1.5849-1.0089i	-0.1957+0.2109i	0.3737-0.0642i	-0.2729+0.2143i	0.0137-0.2054i
32.4	--	0.8127-0.1946i	-1.1592-3.4842i	-1.6145-1.0142i	-0.1494+0.2116i	0.3786-0.0757i	-0.2289+0.2058i	0.0280-0.2315i
32.5	--	0.8523-0.1764i	-1.5793-3.1493i	-1.7178-0.9545i	-0.1358+0.2091i	0.3663-0.1048i	-0.2046+0.1955i	0.0083-0.2660i
32.6	--	0.9033-0.1493i	-1.6439-2.7945i	-1.7529-0.8629i	-0.1256+0.1737i	0.3559-0.1354i	-0.1852+0.1845i	-0.0073-0.3315i
32.7	--	0.9317-0.1421i	-1.8076-2.3993i	-1.7592-0.7459i	-0.0931+0.1585i	0.3459-0.1536i	-0.1667+0.1623i	-0.0273-0.3741i
32.8	--	0.9570-0.1121i	-1.9122-2.0085i	-1.7584-0.6680i	-0.0952+0.1401i	0.3176-0.1581i	-0.1629+0.1544i	-0.0716-0.4104i
32.9	--	0.9697-0.0539i	-1.7083-1.6393i	-1.6710-0.6235i	-0.1169+0.1394i	0.2889-0.1435i	-0.1725+0.1646i	-0.1398-0.4205i
33.0	--	0.9892-0.0633i	-1.6763-1.4691i	-1.4960-0.4987i	-0.1072+0.1499i	0.2807-0.1315i	-0.1480+0.1567i	-0.1984-0.3599i
33.1	--	1.0239-0.0740i	-1.6113-1.2990i	-1.3982-0.5284i	-0.0829+0.1565i	0.2721-0.1265i	-0.1361+0.1541i	-0.2301-0.3044i
33.2	--	1.0775-0.0301i	-1.4952-1.0451i	-1.2507-0.6518i	-0.0576+0.1920i	0.2748-0.0894i	-0.1271+0.1559i	-0.2514-0.2139i
33.3	--	1.1021-0.0424i	-1.4466-0.9858i	-1.1655-0.7005i	-0.0357+0.1932i	0.2996-0.0632i	-0.1118+0.1466i	-0.2191-0.1456i
33.4	--	1.1668-0.0659i	-1.4224-0.7587i	-1.1292-0.8341i	0.0229+0.2001i	0.3477-0.0464i	-0.0797+0.1321i	-0.1568-0.0871i
33.5	--	1.2553-0.1140i	-1.4006-0.5468i	-1.1804-0.9049i	0.0688+0.1883i	0.3866-0.0485i	-0.0522+0.0995i	-0.0970-0.0453i
33.6	--	1.2905-0.1177i	-1.0881-0.4189i	-1.2111-0.9895i	0.1083+0.1231i	0.4189-0.0713i	-0.0603+0.0572i	-0.0089-0.0428i
33.7	--	1.3389-0.1025i	-0.8731-0.2155i	-1.2591-1.1256i	0.1124+0.0559i	0.4523-0.0986i	-0.0885+0.0415i	0.0684-0.0706i
33.8	--	1.3765-0.0466i	-0.5901-0.2183i	-1.3252-1.3131i	0.1210+0.0171i	0.4752-0.1179i	-0.0962+0.0443i	0.1018-0.0931i
33.9	--	1.3333-0.0700i	-0.3905-0.2880i	-1.3094-1.4100i	0.0994-0.0309i	0.4812-0.1573i	-0.1316+0.0441i	0.1812-0.1669i
34.0	--	1.4251-0.0661i	-0.1459-0.4878i	-1.4871-1.5747i	0.0466-0.0907i	0.4897-0.2013i	-0.1548+0.0574i	0.2384-0.2348i
34.1	--	1.5461-0.1158i	-0.0421-0.7185i	-1.7527-1.6164i	-0.0192-0.1031i	0.4954-0.2469i	-0.1493+0.0829i	0.2676-0.3328i
34.2	--	1.6468-0.1412i	-0.0822-0.9529i	-2.0220-1.6307i	-0.0835-0.0745i	0.4915-0.2778i	-0.1451+0.1063i	0.2624-0.4329i
34.3	--	1.8531-0.1402i	-0.0640-1.2124i	-2.4108-1.6884i	-0.1175-0.0797i	0.4937-0.2977i	-0.1126+0.1311i	0.2269-0.4784i
34.4	--	1.9391-0.2827i	-0.2874-1.3525i	-2.6340-1.4453i	-0.1687-0.0758i	0.4933-0.3184i	-0.0703+0.1306i	0.2108-0.5241i
34.5	--	1.9794-0.2924i	-0.4051-1.4056i	-2.7668-1.3609i	-0.1644-0.0492i	0.4948-0.3355i	-0.0460+0.1244i	0.1607-0.5709i
34.6	--	2.1474-0.3670i	-0.5250-1.5123i	-3.0292-1.1999i	-0.1951-0.0432i	0.4980-0.3369i	-0.0150+0.1393i	0.0997-0.5581i
34.7	--	2.1564-0.4213i	-0.6359-1.4228i	-3.0608-1.0987i	-0.2232-0.0105i	0.4854-0.3446i	0.0035+0.1373i	0.0607-0.5698i
34.8	--	2.1723-0.5971i	-0.7878-1.3133i	-3.1140-0.8166i	-0.2489+0.0424i	0.4737-0.3615i	0.0309+0.1174i	0.0367-0.5824i
34.9	--	2.3090-0.8559i	-0.9698-1.2889i	-3.2937-0.4203i	-0.3074+0.0663i	0.5123-0.3749i	0.1045+0.0955i	0.0914-0.5366i
35.0	--	2.3318-0.9332i	-1.0448-1.2144i	-3.3035-0.2865i	-0.3283+0.1027i	0.5415-0.3944i	0.1576+0.0597i	0.1183-0.5480i
35.1	--	2.3308-1.1070i	-1.0679-0.9950i	-3.3321+0.0465i	-0.3498+0.1807i	0.5617-0.4310i	0.2043-0.0160i	0.1612-0.5907i
35.2	--	2.4091-1.2219i	-1.0853-0.9202i	-3.4368+0.2841i	-0.3648+0.2572i	0.5779-0.4682i	0.2355-0.0877i	0.1697-0.6575i
35.3	--	2.4002-1.4030i	-1.0665-0.8252i	-3.3308+0.5570i	-0.3421+0.3563i	0.5957-0.5167i	0.2365-0.1700i	0.1855-0.7495i
35.4	--	2.2700-1.5765i	-1.0102-0.7422i	-3.0757+0.7549i	-0.2864+0.4232i	0.5976-0.5810i	0.2015-0.2556i	0.1735-0.8531i
35.5	--	2.2249-1.6865i	-0.9104-0.6459i	-2.9735+0.9147i	-0.2407+0.4659i	0.5869-0.6400i	0.1823-0.3212i	0.1450-0.9411i
35.6	--	2.1551-1.8532i	-0.7259-0.6009i	-2.7687+1.1578i	-0.1644+0.5583i	0.5665-0.7334i	0.1513-0.4321i	0.0675-1.0845i
35.7	--	2.0132-1.9921i	-0.6289-0.6454i	-2.4544+1.2998i	-0.0674+0.6185i	0.5285-0.8213i	0.0601-0.5376i	-0.0283-1.2284i
35.8	--	1.9400-2.1213i	-0.5907-0.7576i	-2.2581+1.4562i	0.0258+0.6702i	0.4651-0.8975i	-0.0362-0.6248i	-0.1645-1.3721i
35.9	--	1.8618-2.1905i	-0.6415-0.8643i	-2.0981+1.4539i	0.1180+0.6901i	0.3770-0.9471i	-0.1562-0.6739i	-0.3326-1.4445i
36.0	--	1.7685-2.2788i	-0.6906-0.9664i	-1.9168+1.4912i	0.2362+0.6952i	0.2741-0.9714i	-0.3024-0.6780i	-0.5382-1.4697i
36.1	--	1.6244-2.3730i	-0.7782-1.0070i	-1.6467+1.4862i	0.3894+0.6743i	0.1718-0.9755i	-0.4687-0.6663i	-0.8049-1.4677i
36.2	--	1.5057-2.3904i	-0.9222-0.9806i	-1.4249+1.3676i	0.5021+0.6219i	0.1060-0.9647i	-0.5914-0.6148i	-1.0212-1.4205i
36.3	--	1.3842-2.4264i	-1.0208-0.9718i	-1.2044+1.2587i	0.6068+0.5137i	0.0406-0.9234i	-0.6964-0.5172i	-1.2134-1.2764i
36.4	--	1.2985-2.4589i	-1.0904-0.9076i	-1.1132+1.1545i	0.6710+0.4136i	-0.0185-0.8822i	-0.7696-0.4013i	-1.3586-1.1138i
36.5	--	1.2191-2.4610i	-1.1255-0.8070i	-1.0866+0.9954i	0.6928+0.2942i	-0.0569-0.8173i	-0.7944-0.2742i	-1.4539-0.9114i
36.6	--	1.1386-2.4760i	-1.1254-0.7574i	-1.0630+0.8781i	0.7091+0.2075i	-0.0746-0.7698i	-0.7867-0.1897i	-1.5006-0.7612i
36.7	--	1.0852-2.5146i	-1.0908-0.7582i	-1.0512+0.8358i	0.7258+0.1117i	-0.0815-0.7261i	-0.7841-0.1076i	-1.5514-0.5961i
36.8	--	1.0403-2.5695i	-1.0524-0.6952i	-1.1053+0.8155i	0.7238-0.0063i	-0.0777-0.6838i	-0.7770-0.0390i	-1.5729-0.3938i
36.9	--	0.9626-2.6296i	-1.0436-0.6993i	-1.0690+0.8400i	0.7108-0.0839i	-0.0486-0.6281i	-0.7487+0.0277i	-1.5406-0.2380i
37.0	--	0.8802-2.6203i	-1.0227-0.7240i	-0.9634+0.7669i	0.6711-0.1618i	0.0111-0.6375i	-0.7032+0.0392i	-1.4596-0.1262i
37.1	--	0.8120-2.6612i	-1.0099-0.7448i	-0.9416+0.6507i	0.6122-0.2550i	-0.0052-0.6692i	-0.6975+0.0470i	-1.4281-0.0037i

37.2	--	0.7585-2.7371i	-0.9894-0.7358i	-0.9601+0.6582i	0.5564-0.3354i	-0.0320-0.6725i	-0.7190+0.0575i	-1.4066+0.1237i
37.3	--	0.6133-2.7934i	-0.9275-0.7280i	-0.8912+0.5702i	0.4582-0.4096i	-0.0313-0.6374i	-0.7437+0.1083i	-1.3068+0.2930i
37.4	--	0.5217-2.8493i	-0.9453-0.7647i	-0.8431+0.5691i	0.3839-0.4444i	0.0010-0.6269i	-0.7731+0.1361i	-1.2195+0.3823i
37.5	--	0.4176-2.9357i	-0.9523-0.8614i	-0.8140+0.6549i	0.3039-0.4507i	0.0357-0.6282i	-0.7909+0.1829i	-1.1062+0.4657i
37.6	--	0.2719-2.9787i	-0.9490-1.0048i	-0.7249+0.6188i	0.2310-0.4211i	0.0745-0.6543i	-0.8072+0.2507i	-0.9806+0.4823i
37.7	--	0.1110-2.9749i	-1.0487-1.1239i	-0.6597+0.5382i	0.1742-0.3927i	0.1193-0.6937i	-0.7740+0.3380i	-0.8193+0.4929i
37.8	--	-0.0303-2.9379i	-1.1510-1.2573i	-0.6392+0.3660i	0.1456-0.3776i	0.1409-0.7442i	-0.7080+0.4061i	-0.7058+0.4917i
37.9	--	-0.1821-2.8516i	-1.3794-1.3724i	-0.7057+0.1666i	0.0953-0.3522i	0.1174-0.8634i	-0.6239+0.4422i	-0.5670+0.3858i
38.0	--	-0.3127-2.8058i	-1.6202-1.4361i	-0.7592+0.0654i	0.0562-0.3320i	0.0367-0.9499i	-0.5783+0.4291i	-0.5351+0.2603i
38.1	--	-0.5007-2.7685i	-1.9513-1.4392i	-0.7222+0.1286i	0.0242-0.2718i	-0.0946-0.9449i	-0.5912+0.3851i	-0.6210+0.1453i
38.2	--	-0.6175-2.6987i	-2.1737-1.2793i	-0.6700+0.1579i	0.0175-0.2288i	-0.1537-0.8853i	-0.6132+0.4088i	-0.6834+0.1541i
38.3	--	-0.7092-2.5482i	-2.4339-1.0493i	-0.6399+0.0272i	0.0358-0.1966i	-0.1669-0.8356i	-0.6275+0.4780i	-0.7482+0.2062i
38.4	--	-0.7700-2.4335i	-2.6440-0.9210i	-0.5823-0.0985i	0.0534-0.1780i	-0.1289-0.8075i	-0.6087+0.5482i	-0.7497+0.2776i
38.5	--	-0.8203-2.3319i	-2.8284-0.8271i	-0.6519-0.2542i	0.0633-0.1657i	-0.1260-0.8100i	-0.5589+0.6066i	-0.7002+0.3308i
38.6	--	-0.8596-2.2265i	-3.0739-0.4713i	-0.7518-0.4029i	0.0697-0.1634i	-0.1455-0.8517i	-0.4759+0.6587i	-0.6549+0.3807i
38.7	--	-0.8687-2.2148i	-3.1655-0.1473i	-0.8396-0.3704i	0.0836-0.1624i	-0.1793-0.8765i	-0.4178+0.6811i	-0.6397+0.3814i
38.8	--	-0.9320-2.1550i	-3.3209+0.1868i	-0.8617-0.4148i	0.0960-0.1688i	-0.2099-0.8728i	-0.3509+0.6855i	-0.6068+0.4065i
38.9	--	-0.9655-2.0832i	-3.2957+0.7646i	-0.9647-0.4185i	0.0961-0.1837i	-0.2127-0.8702i	-0.2637+0.6485i	-0.5258+0.3970i
39.0	--	-1.0055-1.9657i	-3.1607+1.0879i	-1.0085-0.5333i	0.0995-0.1948i	-0.2228-0.8793i	-0.2196+0.6251i	-0.4889+0.3932i
39.1	--	-1.0382-1.9031i	-2.9281+1.4580i	-1.0089-0.5003i	0.0840-0.2137i	-0.2264-0.9126i	-0.1897+0.5773i	-0.4354+0.3643i
39.2	--	-1.0601-1.8930i	-2.6332+1.7226i	-0.9976-0.4986i	0.0540-0.2286i	-0.2515-0.9865i	-0.1841+0.5224i	-0.4313+0.3060i
39.3	--	-1.0986-1.8119i	-2.3748+1.7751i	-1.0508-0.6142i	0.0274-0.2307i	-0.3126-1.0121i	-0.1723+0.4854i	-0.4458+0.3006i
39.4	--	-1.1337-1.6967i	-2.1263+1.9157i	-1.1364-0.8039i	0.0029-0.2237i	-0.3830-1.0081i	-0.1794+0.4864i	-0.4284+0.3170i
39.5	--	-1.1176-1.6108i	-1.8734+1.9999i	-1.2575-0.9342i	-0.0065-0.2096i	-0.4410-0.9939i	-0.1998+0.4948i	-0.4088+0.3228i
39.6	--	-1.1256-1.5131i	-1.6442+1.9442i	-1.4173-1.0146i	-0.0103-0.1888i	-0.4959-0.9598i	-0.2011+0.5030i	-0.4128+0.3224i
39.7	--	-1.1081-1.4945i	-1.5914+2.0008i	-1.6351-0.9282i	-0.0238-0.1813i	-0.5432-0.9332i	-0.1741+0.5001i	-0.3916+0.3116i
39.8	--	-1.0729-1.4407i	-1.3724+2.1270i	-1.7100-0.8997i	-0.0259-0.1650i	-0.5632-0.9091i	-0.1849+0.4978i	-0.3882+0.3006i
39.9	--	-1.0908-1.3754i	-1.1003+2.0132i	-1.7762-0.9055i	-0.0250-0.1486i	-0.5826-0.8759i	-0.1772+0.4990i	-0.3742+0.2992i
40.0	--	-1.1042-1.3078i	-0.9027+1.9165i	-1.8545-0.9181i	-0.0245-0.1300i	-0.6188-0.8374i	-0.1667+0.5038i	-0.3684+0.2926i
40.1	--	-1.0487-1.2480i	-0.8146+1.8406i	-2.0195-0.9002i	-0.0157-0.1219i	-0.6365-0.8084i	-0.1627+0.5090i	-0.3742+0.2853i
40.2	--	-1.0331-1.1734i	-0.7064+1.7291i	-2.1853-0.8893i	-0.0104-0.1276i	-0.6291-0.7692i	-0.1245+0.5103i	-0.3452+0.2916i
40.3	--	-1.0306-1.1280i	-0.7051+1.6963i	-2.2787-0.9001i	-0.0160-0.1350i	-0.6276-0.7525i	-0.0910+0.5220i	-0.3218+0.2909i
40.4	--	-1.0075-1.0552i	-0.7036+1.6902i	-2.4291-0.9276i	-0.0141-0.1416i	-0.6324-0.7589i	-0.0656+0.5369i	-0.3168+0.2896i
40.5	--	-0.9608-1.0187i	-0.5953+1.5334i	-2.5885-0.8810i	-0.0208-0.1382i	-0.6532-0.7557i	-0.0202+0.5287i	-0.3073+0.2804i
40.6	--	-0.9172-1.0010i	-0.6451+1.4241i	-2.7544-0.7415i	-0.0340-0.1316i	-0.6585-0.7459i	0.0189+0.4892i	-0.2895+0.2661i
40.7	--	-0.8302-1.0010i	-0.7344+1.5245i	-2.9534-0.5682i	-0.0544-0.1229i	-0.6595-0.7210i	0.0353+0.4529i	-0.2727+0.2507i
40.8	--	-0.8360-1.0312i	-0.8739+1.6347i	-3.0817-0.3114i	-0.0692-0.0964i	-0.6550-0.6938i	0.0548+0.3918i	-0.2509+0.2233i
40.9	--	-0.7881-1.0150i	-0.8590+1.8294i	-3.2763-0.1781i	-0.0689-0.0907i	-0.6317-0.7044i	0.0574+0.3621i	-0.2371+0.2057i
41.0	--	-0.7618-0.9820i	-0.8000+2.0170i	-3.3411-0.0733i	-0.0710-0.0806i	-0.6513-0.7330i	0.0388+0.3445i	-0.2497+0.1952i
41.1	--	-0.7590-0.9619i	-0.5681+2.1939i	-3.3049+0.1175i	-0.0737-0.0641i	-0.6706-0.7439i	0.0327+0.3207i	-0.2625+0.1829i
41.2	--	-0.7022-0.9508i	-0.3531+2.3123i	-3.3859+0.1645i	-0.0751-0.0577i	-0.6794-0.7418i	0.0345+0.3033i	-0.2550+0.1690i
41.3	--	-0.7114-1.0081i	-0.0509+1.9822i	-3.3492+0.4454i	-0.0711-0.0323i	-0.7214-0.7490i	0.0182+0.2662i	-0.2601+0.1600i
41.4	--	-0.7228-1.0125i	-0.2777+2.0011i	-3.2949+0.5414i	-0.0644-0.0128i	-0.7158-0.7379i	0.0046+0.2219i	-0.2468+0.1265i
41.5	--	-0.7632-1.0209i	0.0781+2.2203i	-3.3041+0.7900i	-0.0554+0.0024i	-0.7551-0.7707i	-0.0359+0.1931i	-0.2741+0.1098i
41.6	--	-0.7943-0.9915i	0.3081+1.9158i	-2.8790+0.8885i	-0.0241+0.0034i	-0.8105-0.7617i	-0.0785+0.2176i	-0.2851+0.1311i
41.7	--	-0.7299-0.9944i	0.2838+2.0866i	-3.1259+0.7470i	-0.0435-0.0020i	-0.7859-0.7700i	-0.0421+0.1884i	-0.2609+0.0982i
41.8	--	-0.7646-0.9745i	0.4508+2.2470i	-3.3248+0.9851i	-0.0485+0.0289i	-0.8026-0.8099i	-0.0629+0.1218i	-0.2838+0.0581i
41.9	--	-0.7913-1.0111i	0.7279+2.1158i	-3.0343+1.4149i	-0.0239+0.0688i	-0.8655-0.8576i	-0.1386+0.0903i	-0.3233+0.0363i
42.0	--	-0.8004-0.9594i	0.7549+1.7912i	-2.6613+1.4279i	0.0068+0.0639i	-0.9592-0.8347i	-0.2067+0.1038i	-0.3369+0.0437i
42.1	--	-0.8082-0.9159i	0.5484+1.7927i	-2.6390+1.2190i	0.0108+0.0478i	-1.0165-0.8119i	-0.2250+0.1170i	-0.3381+0.0407i
42.2	--	-0.8046-0.8908i	0.6346+1.7655i	-2.6578+1.2333i	0.0129+0.0545i	-1.0937-0.8003i	-0.2726+0.1111i	-0.3659+0.0279i
42.3	--	-0.8509-0.8180i	0.4230+1.9720i	-2.3706+0.9854i	0.0616+0.0493i	-1.1754-0.7679i	-0.3679+0.1491i	-0.4052+0.0215i
42.4	--	-0.8076-0.8978i	1.0273+2.1641i	-2.6732+1.1607i	0.0537+0.0841i	-1.2162-0.7326i	-0.4168+0.0935i	-0.4668+0.0028i
42.5	--	-0.7728-0.9109i	1.5788+1.9568i	-2.7688+1.4306i	0.0616+0.1066i	-1.2598-0.6893i	-0.4865+0.0934i	-0.4954+0.0363i
42.6	--	-0.7505-0.8633i	1.8289+1.7870i	-2.7913+1.4063i	0.0879+0.1011i	-1.3697-0.6519i	-0.5559+0.2108i	-0.5234+0.0557i
42.7	--	-0.7317-0.8280i	1.8529+1.4766i	-2.7113+1.3981i	0.1183+0.0902i	-1.4544-0.5413i	-0.6193+0.3181i	-0.5575+0.0753i
42.8	--	-0.6911-0.7818i	1.8374+1.4679i	-2.7357+1.2021i	0.1366+0.0727i	-1.4889-0.4303i	-0.6279+0.4293i	-0.5801+0.1032i
42.9	--	-0.6982-0.8047i	1.9930+1.3849i	-2.7822+1.4044i	0.1730+0.0833i	-1.4604-0.3330i	-0.6352+0.4564i	-0.6182+0.1262i
43.0	--	-0.7653-0.7909i	2.0583+0.9354i	-2.6086+1.5433i	0.2110+0.0635i	-1.4738-0.2483i	-0.7018+0.5437i	-0.6523+0.1694i
43.1	--	-0.7217-0.7691i	2.1508+0.8070i	-2.6958+1.6260i	0.2334+0.0382i	-1.4876-0.1560i	-0.7037+0.6706i	-0.6731+0.2203i
43.2	--	-0.7254-0.7427i	2.0133+0.3505i	-2.4681+1.7340i	0.2917-0.0001i	-1.4641-0.0788i	-0.7726+0.8367i	-0.6965+0.2824i
43.3	--	-0.7074-0.7257i	1.8705+0.1090i	-2.2529+1.8108i	0.3123-0.0475i	-1.4686+0.0043i	-0.7377+1.0191i	-0.7049+0.3522i
43.4	--	-0.5452-0.7064i	1.7478+0.2878i	-2.4958+1.4430i	0.2600-0.1288i	-1.3879+0.0981i	-0.4623+1.1547i	-0.6418+0.4079i

43.5	--	-0.5115-0.7020i	1.7847+0.3086i	-2.6938+1.3511i	0.2304-0.1611i	-1.3270+0.1336i	-0.3525+1.1782i	-0.6262+0.4267i
43.6	--	-0.5035-0.7550i	2.0486+0.1906i	-3.0115+1.5306i	0.1684-0.1722i	-1.2743+0.1784i	-0.1956+1.1638i	-0.5966+0.4603i
43.7	--	-0.4479-0.7684i	2.0371-0.0861i	-3.2882+1.7071i	0.0985-0.1939i	-1.2358+0.2556i	0.0666+1.2453i	-0.5423+0.5368i
43.8	--	-0.4697-0.7485i	1.7260-0.2781i	-3.0149+1.8299i	0.0898-0.2223i	-1.1960+0.2834i	0.1740+1.2606i	-0.5031+0.5865i
43.9	--	-0.4576-0.7542i	1.5243-0.3378i	-2.6964+1.9510i	0.0733-0.2167i	-1.1388+0.3209i	0.2657+1.1981i	-0.4526+0.6160i
44.0	--	-0.4578-0.8021i	1.5991-0.2811i	-2.6843+1.9728i	0.0495-0.1589i	-1.0736+0.3450i	0.3629+1.0266i	-0.4084+0.6116i
44.1	--	-0.3566-0.8960i	1.5456-0.6142i	-2.8761+2.2402i	0.0126-0.0967i	-0.9869+0.3645i	0.3674+0.8279i	-0.3617+0.6143i
44.2	--	-0.3983-0.9338i	1.1464-0.4839i	-2.7696+2.1523i	0.0389-0.1132i	-0.9017+0.3207i	0.3301+0.7434i	-0.2919+0.5979i
44.3	--	-0.3575-0.9128i	1.5050-0.5388i	-2.7101+2.4471i	0.0413-0.1088i	-0.8881+0.2988i	0.2214+0.7832i	-0.2792+0.6024i
44.4	--	-0.3592-0.8978i	1.4994-0.6227i	-2.5320+2.3671i	0.0437-0.0923i	-0.8437+0.3036i	0.2952+0.8073i	-0.2283+0.5849i
44.5	--	-0.2734-0.9353i	1.5062-0.7482i	-2.9197+2.2706i	-0.0079-0.0750i	-0.7866+0.2772i	0.3817+0.6763i	-0.1747+0.5431i
44.6	--	-0.3352-1.1456i	1.2294-1.1647i	-2.5592+2.9885i	0.0119+0.0089i	-0.7535+0.2062i	0.3207+0.7046i	-0.1562+0.5093i
44.7	--	-0.3396-1.1432i	0.8193-1.2362i	-2.1476+2.8095i	0.0452+0.0080i	-0.7837+0.1794i	0.3728+0.7004i	-0.1480+0.4913i
44.8	--	-0.3159-1.2498i	0.6317-1.0468i	-2.3903+2.6531i	0.0727+0.0096i	-0.7902+0.1516i	0.4008+0.5545i	-0.1525+0.4515i
44.9	--	-0.3112-1.4313i	0.7458-0.8351i	-2.7496+2.9094i	0.0851+0.0420i	-0.8149+0.1648i	0.3345+0.4430i	-0.1781+0.4140i
45.0	--	-0.3204-1.4754i	0.7105-0.5700i	-2.7803+2.9343i	0.0934+0.0055i	-0.8137+0.2093i	0.2866+0.3815i	-0.1746+0.4141i
45.1	--	-0.3924-1.6330i	0.9489-0.6194i	-2.6682+3.3628i	0.0888+0.0322i	-0.7763+0.2152i	0.1683+0.4203i	-0.1808+0.4163i
45.2	--	-0.4687-1.7101i	1.1494-0.8972i	-2.6916+3.7591i	0.0894+0.0772i	-0.7072+0.1827i	0.0891+0.4458i	-0.1705+0.4098i
45.3	--	-0.6592-1.7829i	1.0638-1.1485i	-2.3684+4.1539i	0.1437+0.1036i	-0.6813+0.1160i	0.0556+0.4970i	-0.1645+0.3993i
45.4	--	-0.8483-1.6412i	0.6715-1.0681i	-1.7934+3.7271i	0.1913+0.0613i	-0.7235+0.0816i	0.1288+0.5446i	-0.1556+0.3850i
45.5	--	-0.8760-1.4839i	0.4913-0.9681i	-1.6035+3.0211i	0.2272-0.0167i	-0.7329+0.0386i	0.1798+0.5156i	-0.1417+0.3541i
45.6	--	-0.9546-1.7491i	0.5063-1.1038i	-1.8143+3.5308i	0.2390-0.0014i	-0.7848-0.0221i	0.0669+0.4824i	-0.1717+0.3575i
45.7	--	-1.0949-1.7246i	0.3840-1.1128i	-1.6696+3.5458i	0.2531-0.0346i	-0.8502-0.0177i	0.0348+0.5043i	-0.1893+0.3595i
45.8	--	-1.2377-1.6455i	0.4283-1.0293i	-1.6401+3.6798i	0.2534-0.0390i	-0.9134-0.0089i	-0.0444+0.5369i	-0.2085+0.3450i
45.9	--	-1.3932-1.7276i	0.3676-1.0137i	-1.3382+3.9895i	0.2592-0.0119i	-0.9525+0.0483i	-0.0792+0.6597i	-0.2293+0.3499i
46.0	--	-1.5203-1.7245i	0.3282-1.1509i	-0.9657+4.1202i	0.2982+0.0041i	-0.9466+0.1067i	-0.0292+0.7973i	-0.2271+0.3798i
46.1	--	-1.6398-1.6080i	0.1498-1.1979i	-0.5969+3.9500i	0.3405-0.0474i	-0.9624+0.1244i	0.0230+0.8713i	-0.2248+0.4133i
46.2	--	-1.6098-1.4370i	0.2350-1.0626i	-0.6970+3.6419i	0.3019-0.0892i	-0.9561+0.1481i	0.0669+0.9033i	-0.2164+0.4096i
46.3	--	-1.5891-1.3930i	0.2758-1.1587i	-0.7064+3.7363i	0.2960-0.0866i	-0.9569+0.1784i	0.0995+0.9621i	-0.2268+0.4143i
46.4	--	-1.5865-1.2903i	0.2750-1.0856i	-0.9482+3.5165i	0.2225-0.1069i	-0.9159+0.2132i	0.1722+0.9795i	-0.1879+0.4125i
46.5	--	-1.6564-1.2421i	0.1764-1.1940i	-0.8991+3.7029i	0.2210-0.0933i	-0.8855+0.2074i	0.2312+1.0185i	-0.1715+0.4188i
46.6	--	-1.7608-1.2205i	0.0460-1.1315i	-0.4609+3.7692i	0.2442-0.0953i	-0.9132+0.2018i	0.3198+1.0428i	-0.1752+0.4270i
46.7	--	-1.7607-1.1761i	0.1951-1.0435i	-0.3984+3.7566i	0.2480-0.0650i	-0.9073+0.2182i	0.3873+1.0464i	-0.1774+0.4220i
46.8	--	-1.7601-1.0475i	0.2370-1.3658i	-0.4621+3.9029i	0.2691-0.0392i	-0.9150+0.1846i	0.4498+1.0571i	-0.1654+0.4127i
46.9	--	-1.8453-0.9805i	0.0199-1.3398i	-0.2082+3.8680i	0.3012-0.0440i	-0.9675+0.2017i	0.5416+1.0479i	-0.1575+0.4149i
47.0	--	-1.8494-0.8852i	-0.1531-1.3024i	-0.0006+3.4961i	0.3046-0.0712i	-0.9646+0.2387i	0.6447+1.0394i	-0.1442+0.4112i
47.1	--	-1.7761-0.8532i	-0.0871-1.4548i	-0.0424+3.6356i	0.3348-0.0630i	-0.9363+0.2522i	0.7198+1.0110i	-0.1482+0.4067i
47.2	--	-1.8328-0.8126i	-0.3101-1.4496i	0.0719+3.7651i	0.3805-0.0650i	-0.9465+0.2473i	0.7966+0.9629i	-0.1517+0.4038i
47.3	--	-1.8536-0.7235i	-0.6061-1.2666i	0.2403+3.6423i	0.3902-0.1003i	-0.9528+0.2564i	0.8808+0.8640i	-0.1440+0.3901i
47.4	--	-1.8429-0.6436i	-0.6539-1.0910i	0.4509+3.3994i	0.4135-0.1360i	-0.9439+0.2915i	0.9496+0.7967i	-0.1436+0.3884i
47.5	--	-1.8441-0.5854i	-0.5840-1.1089i	0.6409+3.3197i	0.4510-0.1573i	-0.9288+0.2746i	0.9966+0.7217i	-0.1460+0.3855i
47.6	--	-1.8141-0.5325i	-0.6981-1.0795i	0.7220+3.0631i	0.4700-0.2222i	-0.9769+0.2712i	1.0385+0.6169i	-0.1577+0.3928i
47.7	--	-1.7680-0.4889i	-0.5668-0.9984i	0.5325+2.8526i	0.4546-0.2654i	-0.9837+0.2808i	1.0371+0.4916i	-0.1673+0.3812i
47.8	--	-1.7677-0.4273i	-0.6943-0.9415i	0.5433+2.9521i	0.4575-0.3129i	-1.0125+0.3273i	1.0085+0.4114i	-0.1828+0.4077i
47.9	--	-1.8237-0.3565i	-0.7950-0.7568i	0.8024+2.8296i	0.4613-0.3753i	-1.0318+0.3770i	0.9761+0.3469i	-0.1956+0.4303i
48.0	--	-1.7839-0.3091i	-0.7892-0.6214i	0.9457+2.5820i	0.4336-0.4372i	-1.0309+0.4067i	0.9412+0.2628i	-0.1820+0.4535i
48.1	--	-1.6921-0.2594i	-0.5051-0.6341i	0.7194+2.5162i	0.3755-0.4567i	-0.9857+0.4170i	0.8826+0.1819i	-0.1534+0.4734i
48.2	--	-1.6642-0.2467i	-0.4191-0.8376i	0.4276+2.7000i	0.3299-0.4449i	-1.0057+0.3989i	0.8084+0.1195i	-0.1485+0.4687i
48.3	--	-1.6240-0.1680i	-0.4853-0.7527i	0.2778+2.6018i	0.2576-0.4253i	-0.9871+0.4278i	0.7507+0.1294i	-0.1267+0.4452i
48.4	--	-1.5517-0.1957i	-0.5405-0.9091i	0.3691+2.5565i	0.2634-0.3942i	-0.9751+0.4218i	0.7643+0.1596i	-0.1269+0.4295i
48.5	--	-1.5538-0.1975i	-0.7240-0.8054i	0.4257+2.5828i	0.2856-0.4251i	-0.9960+0.4236i	0.6867+0.0879i	-0.1274+0.4191i
48.6	--	-1.5338-0.1818i	-0.6683-0.8595i	0.4823+2.5626i	0.2536-0.4480i	-1.0056+0.4717i	0.5773+0.1531i	-0.1257+0.4520i
48.7	--	-1.5372-0.1643i	-0.7816-0.8771i	0.5799+2.4730i	0.2318-0.4544i	-1.0035+0.5362i	0.5400+0.1972i	-0.1158+0.4666i
48.8	--	-1.5027-0.1207i	-0.8898-0.6614i	0.4164+2.2862i	0.1876-0.4404i	-0.9485+0.5736i	0.5213+0.2547i	-0.1050+0.4531i
48.9	--	-1.4795-0.1145i	-0.8391-0.4983i	0.3177+2.1861i	0.1758-0.4259i	-0.9123+0.5370i	0.5664+0.3091i	-0.1016+0.4440i
49.0	--	-1.4363-0.1359i	-0.7879-0.4982i	0.3622+2.2852i	0.1851-0.4129i	-0.9323+0.5256i	0.5757+0.3502i	-0.1002+0.4412i
49.1	--	-1.3931-0.1511i	-0.6376-0.5414i	0.2468+2.4681i	0.2058-0.3998i	-0.9265+0.5180i	0.5789+0.3859i	-0.1131+0.4561i
49.2	--	-1.4084-0.1753i	-0.6845-0.6166i	0.3047+2.4265i	0.2117-0.4278i	-0.9569+0.5130i	0.6531+0.4034i	-0.1073+0.4552i
49.3	--	-1.4386-0.1526i	-0.7436-0.6190i	0.3577+2.2830i	0.2061-0.4458i	-0.9469+0.5445i	0.7322+0.3836i	-0.0874+0.4662i
49.4	--	-1.4722-0.1684i	-0.7326-0.6051i	0.5382+2.4051i	0.1980-0.4663i	-0.9367+0.5763i	0.7704+0.3601i	-0.0763+0.4923i
49.5	--	-1.4197-0.1393i	-0.5960-0.4959i	0.5470+2.4321i	0.1843-0.4722i	-0.9275+0.5365i	0.7725+0.3268i	-0.0690+0.4807i
49.6	--	-1.3227-0.0762i	-0.4267-0.7525i	0.2683+2.2824i	0.1408-0.4658i	-0.9036+0.4858i	0.7885+0.2795i	-0.0397+0.4528i
49.7	--	-1.3779-0.1706i	-0.8060-1.0317i	0.3325+2.4419i	0.1309-0.4493i	-0.9898+0.4528i	0.7740+0.2499i	-0.0437+0.4317i

49.8	--	-1.4490-0.2117i	-1.1562-0.8987i	0.4995+2.5333i	0.1244-0.4372i	-1.0408+0.4870i	0.7551+0.2259i	-0.0500+0.4288i
49.9	--	-1.4863-0.1376i	-1.1351-0.6026i	0.5976+2.4180i	0.1307-0.4260i	-1.0547+0.4997i	0.7465+0.2396i	-0.0643+0.4300i
50.0	--	-1.5281-0.1169i	-1.0222-0.5942i	0.7016+2.3448i	0.1283-0.4066i	-1.0968+0.5273i	0.7571+0.2540i	-0.0546+0.4109i
50.1	--	-1.5298-0.1024i	-1.1185-0.5500i	0.6136+2.2978i	0.1252-0.3948i	-1.1442+0.5592i	0.7771+0.2528i	-0.0598+0.3932i
50.2	--	-1.5309-0.0505i	-1.0829-0.4296i	0.4973+2.2127i	0.1279-0.4010i	-1.1313+0.6043i	0.8019+0.2392i	-0.0731+0.3933i
50.3	--	-1.4899-0.0390i	-1.0541-0.4613i	0.5722+2.2432i	0.1457-0.3963i	-1.1555+0.6334i	0.8365+0.2228i	-0.0819+0.3894i
50.4	--	-1.5385-0.0747i	-1.1727-0.4780i	0.5103+2.2895i	0.1743-0.3951i	-1.1999+0.6899i	0.8887+0.1981i	-0.0942+0.3915i
50.5	--	-1.5426-0.0699i	-1.2616-0.4460i	0.7193+2.2839i	0.1977-0.3975i	-1.2114+0.7358i	0.8959+0.2050i	-0.1108+0.4194i
50.6	--	-1.4738+0.0530i	-1.2350-0.2196i	0.6565+2.2975i	0.2155-0.3816i	-1.1791+0.7711i	0.8765+0.1811i	-0.1146+0.4190i
50.7	--	-1.4848+0.0438i	-1.1030-0.0252i	0.4220+2.3007i	0.2158-0.3955i	-1.1891+0.8060i	0.8978+0.1406i	-0.1225+0.4241i
50.8	--	-1.3698-0.0189i	-0.9140-0.1017i	0.1589+2.4588i	0.2268-0.4196i	-1.2815+0.8135i	0.9547+0.1085i	-0.1482+0.4233i
50.9	--	-1.3443-0.0073i	-0.9831-0.3265i	0.0981+2.3883i	0.2494-0.4331i	-1.3282+0.8382i	0.9871+0.0796i	-0.1311+0.4272i
51.0	--	-1.4120-0.0421i	-0.9984-0.2798i	0.2441+2.5158i	0.2668-0.4553i	-1.3590+0.9026i	1.0084+0.0447i	-0.1365+0.4459i
51.1	--	-1.4241-0.0350i	-1.1489-0.3499i	0.4865+2.3817i	0.2930-0.4862i	-1.3935+1.0214i	1.0405+0.0102i	-0.1519+0.4468i
51.2	--	-1.4466-0.0203i	-1.2408-0.0066i	0.3656+2.5067i	0.3231-0.5030i	-1.3759+1.1103i	1.0590-0.0497i	-0.1772+0.4716i
51.3	--	-1.4331+0.1017i	-0.8996+0.1084i	0.1967+2.4835i	0.3458-0.5723i	-1.4004+1.1659i	1.1032-0.1352i	-0.1940+0.4880i
51.4	--	-1.3996+0.1266i	-0.7850-0.2992i	0.0753+2.5475i	0.3069-0.6435i	-1.4419+1.2929i	1.1029-0.2534i	-0.1858+0.4992i
51.5	--	-1.4902+0.0427i	-1.0758-0.3973i	0.3278+2.9422i	0.2584-0.6588i	-1.3537+1.5315i	1.0041-0.3461i	-0.1776+0.5311i
51.6	--	-1.5225-0.0154i	-1.3591-0.2590i	0.5944+2.8914i	0.2275-0.6985i	-1.2301+1.7284i	0.9124-0.4328i	-0.1829+0.5396i
51.7	--	-1.4841-0.0116i	-1.3967-0.1265i	0.6628+2.5924i	0.2108-0.7282i	-1.0550+1.7525i	0.8236-0.4394i	-0.1858+0.5428i
51.8	--	-1.4966-0.0317i	-1.2843-0.0461i	0.5998+2.7069i	0.2055-0.7073i	-0.9276+1.7288i	0.7530-0.3852i	-0.2010+0.5623i
51.9	--	-1.5317-0.0699i	-1.3038-0.0548i	0.7307+2.9907i	0.2370-0.6832i	-0.8646+1.6607i	0.7086-0.3182i	-0.2193+0.5992i
52.0	--	-1.5013+0.0945i	-1.4686+0.0175i	0.7531+2.7068i	0.2564-0.7141i	-0.8571+1.6347i	0.6929-0.2766i	-0.2168+0.6196i
52.1	--	-1.4932+0.0371i	-1.3690+0.3057i	0.5538+2.7907i	0.2498-0.7289i	-0.8092+1.7123i	0.7462-0.1797i	-0.2383+0.6735i
52.2	--	-1.6016-0.0348i	-1.1510+0.3456i	0.8770+2.9750i	0.3098-0.7844i	-0.6830+1.7286i	0.8726-0.1589i	-0.2338+0.7223i
52.3	--	-1.7345-0.0067i	-1.0166+0.2838i	1.2462+2.9205i	0.3672-0.8892i	-0.5928+1.7070i	1.0033-0.2707i	-0.2367+0.7859i
52.4	--	-1.7623+0.0333i	-0.9727+0.1963i	1.2826+2.9052i	0.3459-0.9974i	-0.6103+1.6817i	1.0585-0.4582i	-0.2160+0.8454i
52.5	--	-1.6805+0.1810i	-1.0740+0.1705i	1.3165+2.7387i	0.3091-1.1081i	-0.6124+1.6443i	0.9976-0.6078i	-0.1963+0.8762i
52.6	--	-1.6883+0.2017i	-0.9817+0.3354i	1.3266+2.7774i	0.2246-1.2126i	-0.5725+1.6587i	0.9001-0.7442i	-0.1402+0.9297i
52.7	--	-1.7430+0.0100i	-0.7762+0.3076i	1.1383+2.7020i	0.0482-1.3559i	-0.5730+1.7622i	0.7569-0.8822i	-0.0970+1.0133i
52.8	--	-1.6609+0.0945i	-0.7487+0.0737i	1.0699+2.7006i	-0.0988-1.3658i	-0.5691+1.7588i	0.5552-0.8676i	-0.0480+1.0274i
52.9	--	-1.7628+0.0282i	-0.7879-0.1808i	1.2400+2.9295i	-0.2738-1.3211i	-0.5237+1.8597i	0.3227-0.7255i	0.0549+1.0931i
53.0	--	-1.9548+0.0293i	-1.1597-0.2767i	1.4087+2.8970i	-0.3501-1.2591i	-0.4661+1.9398i	0.3362-0.5499i	0.1545+1.0913i
53.1	--	-1.9891+0.2928i	-1.2842-0.0528i	1.6861+2.8714i	-0.3468-1.2238i	-0.3458+1.9481i	0.3930-0.4427i	0.2330+1.0448i
53.2	--	-2.1316+0.3044i	-1.3277+0.1521i	1.8969+3.0439i	-0.4096-1.2331i	-0.1869+2.0026i	0.4230-0.4815i	0.2851+1.0057i
53.3	--	-2.0247+0.3813i	-1.3417+0.3352i	1.9975+2.6502i	-0.5350-1.2170i	0.0063+1.9747i	0.4352-0.4099i	0.3352+0.9502i
53.4	--	-2.0718+0.5472i	-1.0855+0.3242i	2.1661+2.4494i	-0.6333-1.1326i	0.1881+1.8198i	0.4754-0.3662i	0.3644+0.8983i
53.5	--	-2.1927+0.5971i	-0.9454+0.0407i	2.2315+2.3989i	-0.6906-1.0365i	0.1867+1.6012i	0.5769-0.4356i	0.3525+0.8878i
53.6	--	-2.2168+0.5864i	-1.4092-0.0554i	2.2630+2.3139i	-0.6752-0.9659i	0.0466+1.5045i	0.6523-0.5278i	0.3235+0.8599i
53.7	--	-2.0230+0.7022i	-1.5617+0.4000i	1.9647+2.0998i	-0.6173-0.9033i	-0.1015+1.4803i	0.6767-0.6121i	0.2711+0.8787i
53.8	--	-2.2316+0.7975i	-1.3337+0.5197i	2.1338+2.3182i	-0.5832-0.8655i	-0.1731+1.5876i	0.6314-0.7817i	0.2569+0.9553i
53.9	--	-2.1896+1.0096i	-1.2468+0.6021i	2.1503+1.9603i	-0.5828-0.9280i	-0.1381+1.7339i	0.5355-0.8346i	0.2872+1.0267i
54.0	--	-2.1375+1.0148i	-0.9385+0.5212i	2.1248+2.0755i	-0.6305-0.9747i	-0.0157+1.7511i	0.4285-0.8879i	0.3509+1.0898i
54.1	--	-2.1210+0.9049i	-0.9474+0.3709i	2.2136+2.0848i	-0.7282-1.0246i	0.0819+1.7855i	0.2617-0.9175i	0.4864+1.1449i
54.2	--	-2.1462+1.1828i	-1.0960+0.3418i	2.3442+1.9382i	-0.7910-0.9110i	0.1436+1.7887i	0.1220-0.8386i	0.6165+1.1154i
54.3	--	-2.1202+1.3457i	-1.0855+0.4202i	2.5235+1.8739i	-0.7705-0.8199i	0.2261+1.7566i	0.0557-0.7187i	0.6976+1.0523i
54.4	--	-1.9870+1.5261i	-1.0541+0.4452i	2.3907+1.7312i	-0.7424-0.7876i	0.2449+1.6962i	0.0517-0.6219i	0.7487+1.0006i
54.5	--	-1.9730+1.7529i	-1.0293+0.3622i	2.5207+1.6040i	-0.7287-0.8156i	0.2146+1.6595i	0.0572-0.6149i	0.7936+0.9731i
54.6	--	-1.8685+1.6999i	-0.9588+0.4123i	2.4854+1.7364i	-0.7387-0.8968i	0.2145+1.6924i	0.0799-0.6175i	0.8424+0.9470i
54.7	--	-1.8745+1.6657i	-0.9295+0.2071i	2.5088+1.5837i	-0.8387-0.9703i	0.2561+1.7084i	0.0599-0.6522i	0.9330+0.9342i
54.8	--	-1.8157+1.9103i	-1.1485+0.1092i	2.6298+1.5178i	-0.9402-0.9204i	0.2924+1.7949i	-0.0547-0.6407i	1.0371+0.8703i
54.9	--	-1.6825+1.9130i	-1.3431+0.2922i	2.5744+1.3846i	-1.0226-0.8608i	0.4206+1.8523i	-0.0789-0.5563i	1.0878+0.7735i
55.0	--	-1.4705+1.9842i	-1.3236+0.3947i	2.3831+1.2950i	-1.0387-0.8070i	0.4911+1.8228i	-0.0527-0.5085i	1.0920+0.7013i
55.1	--	-1.4250+2.0229i	-1.2266+0.4186i	2.4118+1.1424i	-1.1019-0.8051i	0.6200+1.7946i	-0.0366-0.4871i	1.1394+0.6307i
55.2	--	-1.3508+2.0544i	-1.2329+0.4284i	2.4182+1.1425i	-1.1454-0.7645i	0.7149+1.7165i	-0.0285-0.4388i	1.1493+0.5449i
55.3	--	-1.0732+2.1009i	-1.2757+0.5010i	2.3012+1.1959i	-1.1726-0.6847i	0.8141+1.6157i	-0.0283-0.4242i	1.1507+0.4562i
55.4	--	-0.7323+2.1342i	-1.3588+0.4867i	2.1563+0.9135i	-1.1782-0.6553i	0.8120+1.4438i	-0.0096-0.3968i	1.1205+0.3672i
55.5	--	-0.8097+2.1307i	-1.3397+0.4356i	2.3993+0.9336i	-1.2127-0.6633i	0.7967+1.3617i	-0.0420-0.4125i	1.1046+0.3111i
55.6	--	-0.7844+2.2280i	-1.4744+0.4294i	2.3406+0.7679i	-1.3128-0.6009i	0.7353+1.2804i	-0.0787-0.4341i	1.0827+0.2238i
55.7	--	-0.5484+2.1415i	-1.5304+0.5454i	2.1272+0.6199i	-1.3554-0.5441i	0.6718+1.2539i	-0.0829-0.4142i	1.0408+0.1944i
55.8	--	-0.3321+2.2209i	-1.5512+0.5851i	2.1322+0.5051i	-1.3954-0.4496i	0.6560+1.2509i	-0.1142-0.3624i	1.0015+0.1461i
55.9	--	-0.0806+2.1063i	-1.5365+0.6940i	2.1584+0.4648i	-1.3487-0.3732i	0.6757+1.2337i	-0.1547-0.2922i	0.9517+0.1228i
56.0	--	-0.1247+1.9688i	-1.5122+0.7944i	1.9285+0.6376i	-1.4312-0.2837i	0.6327+1.2900i	-0.1863-0.2939i	0.9751+0.0942i

56.1	--	-0.0005+1.7573i	-1.5139+0.8236i	1.7834+0.8123i	-1.4389-0.2321i	0.6235+1.3174i	-0.1762-0.2621i	0.9575+0.0569i
56.2	--	0.0022+1.7776i	-1.4792+0.8316i	1.9923+0.6491i	-1.4607-0.1234i	0.6940+1.3292i	-0.2081-0.1641i	0.9227+0.0061i
56.3	--	0.0161+1.7335i	-1.5119+0.9429i	1.9991+0.4641i	-1.4708-0.0290i	0.7245+1.2957i	-0.1837-0.0830i	0.9019-0.0204i
56.4	--	0.0589+1.6631i	-1.5482+0.9786i	1.9253+0.3903i	-1.4631+0.0503i	0.7330+1.2826i	-0.1288-0.0542i	0.8633-0.0253i
56.5	--	0.0955+1.5933i	-1.5273+1.0113i	2.0138+0.3557i	-1.4308+0.1173i	0.7763+1.2528i	-0.1017-0.0229i	0.8439-0.0077i
56.6	--	0.1690+1.5100i	-1.4789+1.0651i	1.9375+0.3581i	-1.3945+0.1809i	0.7665+1.2201i	-0.0675-0.0019i	0.8329-0.0103i
56.7	--	0.1723+1.4269i	-1.4392+1.0791i	1.8019+0.4167i	-1.3700+0.2599i	0.7602+1.2192i	-0.0106-0.0210i	0.8312-0.0280i
56.8	--	0.1886+1.3776i	-1.4372+1.1336i	1.6242+0.2953i	-1.3839+0.3415i	0.7534+1.2272i	0.0371-0.0184i	0.8326-0.0514i
56.9	--	0.1619+1.3076i	-1.5246+1.2382i	1.6138+0.2104i	-1.3530+0.4399i	0.7412+1.2501i	0.0731-0.0252i	0.8494-0.0740i
57.0	--	0.1413+1.2750i	-1.5025+1.3344i	1.5666+0.1958i	-1.3196+0.5178i	0.7520+1.2420i	0.1122-0.0321i	0.8567-0.1090i
57.1	--	0.1634+1.1911i	-1.3654+1.4316i	1.5208+0.3576i	-1.2305+0.5842i	0.7961+1.2582i	0.1298-0.0671i	0.8485-0.1421i
57.2	--	0.2210+1.0553i	-1.4370+1.3261i	1.5618+0.1892i	-1.1577+0.6232i	0.7495+1.2647i	0.1422-0.0925i	0.8188-0.1694i
57.3	--	0.1749+1.0403i	-1.5447+1.3314i	1.5102+0.0004i	-1.0818+0.6352i	0.7881+1.2502i	0.1441-0.0893i	0.7454-0.2004i
57.4	--	0.1244+0.9830i	-1.6047+1.4896i	1.2390+0.0537i	-0.9918+0.6580i	0.8353+1.2865i	0.1327-0.1041i	0.7210-0.2316i
57.5	--	0.0719+0.9476i	-1.5553+1.5925i	1.0727+0.1543i	-0.9194+0.7069i	0.9024+1.3143i	0.1044-0.1470i	0.6900-0.2054i
57.6	--	0.0677+0.9306i	-1.4589+1.6917i	0.8078+0.1269i	-0.8664+0.7092i	0.9332+1.3124i	0.0958-0.1439i	0.6581-0.2171i
57.7	--	0.0856+0.9197i	-1.2795+1.7732i	0.9708+0.1567i	-0.7783+0.6540i	0.9822+1.2254i	0.0687-0.1077i	0.6528-0.2235i
57.8	--	0.0581+0.9333i	-1.2536+1.9681i	0.8346+0.5373i	-0.7219+0.6757i	1.0581+1.2643i	0.0721-0.0680i	0.6465-0.2566i
57.9	--	0.0070+0.8575i	-1.2403+1.9427i	0.8116+0.5654i	-0.6949+0.6693i	1.0801+1.2712i	0.1111-0.0433i	0.6198-0.2541i
58.0	--	-0.0026+0.8284i	-1.2052+1.9896i	0.7530+0.5990i	-0.6390+0.6487i	1.1534+1.2873i	0.1673-0.0553i	0.5900-0.2366i
58.1	--	0.0342+0.8401i	-1.2427+2.0090i	0.7708+0.7531i	-0.6157+0.6038i	1.2035+1.2363i	0.1767-0.0813i	0.5917-0.2184i
58.2	--	-0.0925+0.8620i	-1.2532+2.0842i	0.8531+0.8398i	-0.6417+0.5849i	1.2569+1.1638i	0.1792-0.0966i	0.6051-0.2457i
58.3	--	-0.1203+0.8912i	-1.1074+2.1806i	0.7847+0.7675i	-0.6625+0.5924i	1.2954+1.1102i	0.1962-0.0943i	0.5987-0.2799i
58.4	--	-0.0992+0.9557i	-0.9398+2.2939i	0.7095+0.9624i	-0.6689+0.6463i	1.3411+1.0896i	0.2156-0.1149i	0.5820-0.3210i
58.5	--	-0.1389+0.9385i	-0.8864+2.3247i	0.7921+0.9637i	-0.6284+0.6783i	1.3891+1.0568i	0.2176-0.1205i	0.5772-0.3312i
58.6	--	-0.1375+0.8881i	-0.7771+2.2672i	1.1358+1.0274i	-0.5798+0.6738i	1.3897+0.9769i	0.2038-0.1221i	0.5553-0.3233i
58.7	--	-0.1298+0.9207i	-0.7380+2.3359i	1.1327+1.1808i	-0.5484+0.6873i	1.4225+0.9186i	0.1988-0.1517i	0.5352-0.3363i
58.8	--	-0.1382+0.9853i	-0.6482+2.3865i	1.2096+0.9754i	-0.5401+0.6805i	1.4395+0.8650i	0.1846-0.1606i	0.5434-0.3419i
58.9	--	-0.1153+1.0081i	-0.5103+2.4563i	1.1965+0.9577i	-0.4955+0.6803i	1.4613+0.8106i	0.1759-0.1562i	0.5242-0.3575i
59.0	--	-0.0764+1.0192i	-0.3898+2.3989i	1.1230+0.9911i	-0.4584+0.7363i	1.4502+0.7919i	0.1757-0.1288i	0.4583-0.3856i
59.1	--	0.0122+1.0444i	-0.1903+2.3721i	1.2503+1.1245i	-0.4869+0.7326i	1.4178+0.7374i	0.1408-0.1379i	0.4358-0.4455i
59.2	--	0.0132+1.0782i	-0.1195+2.3474i	1.3650+1.0673i	-0.4254+0.7151i	1.4623+0.6627i	0.1822-0.1307i	0.4404-0.4498i
59.3	--	-0.0137+1.1446i	-0.1250+2.2656i	1.2328+1.0176i	-0.3792+0.7441i	1.5292+0.6465i	0.1828-0.1383i	0.4494-0.4587i
59.4	--	0.1452+1.0895i	-0.0243+2.1369i	1.3545+1.0820i	-0.3117+0.7324i	1.5248+0.5640i	0.1910-0.1588i	0.3712-0.4299i
59.5	--	0.1633+1.0313i	-0.0852+2.0613i	1.4717+1.1026i	-0.3002+0.7162i	1.5070+0.5216i	0.2084-0.1686i	0.3403-0.4280i
59.6	--	0.2748+0.9983i	0.0825+2.1509i	1.5160+1.1088i	-0.2872+0.6952i	1.4788+0.4203i	0.2184-0.1490i	0.2844-0.4641i
59.7	--	0.3091+0.9859i	0.1347+2.2218i	1.5854+1.0040i	-0.2400+0.7145i	1.5145+0.3494i	0.2143-0.1629i	0.2700-0.4737i
59.8	--	0.2607+0.9122i	0.0658+2.1315i	1.5895+0.7302i	-0.2057+0.7189i	1.5072+0.3151i	0.2559-0.1581i	0.2457-0.4712i
59.9	--	-0.6501+1.9173i	-0.9236+3.0940i	1.5864+0.9544i	-0.1815+0.6765i	1.4188+0.2551i	0.2489-0.1786i	0.2017-0.4432i
60.0	--	-1.6899+3.8761i	-1.8670+4.9591i	1.2444+1.1344i	-0.1528+0.7130i	1.4149+0.2553i	0.2577-0.2078i	0.1541-0.4269i
60.1	--	-0.7041+1.2360i	-0.9530+2.5016i	1.1075+0.7707i	-0.1138+0.7129i	1.4143+0.1920i	0.2390-0.2547i	0.1380-0.4258i
60.2	--	0.3653+0.7655i	0.1443+2.1873i	1.3373+0.7421i	-0.0652+0.6953i	1.3864+0.1514i	0.2481-0.2754i	0.0800-0.3999i
60.3	--	0.3839+0.6824i	0.1350+2.0756i	1.2821+0.6987i	-0.0172+0.6707i	1.3648+0.1336i	0.2534-0.2989i	0.0336-0.3647i
60.4	--	0.3263+0.6147i	0.1286+2.0673i	1.2624+0.5070i	0.0037+0.6440i	1.3612+0.1075i	0.2560-0.3335i	0.0049-0.3376i
60.5	--	0.2708+0.5442i	0.1390+2.0552i	1.2668+0.4492i	0.0162+0.5957i	1.3262+0.0571i	0.2286-0.3783i	-0.0084-0.2763i
60.6	--	0.2578+0.5229i	0.2001+2.0605i	1.0405+0.5461i	0.0254+0.5241i	1.3089-0.0000i	0.1490-0.4008i	0.0275-0.2359i
60.7	--	0.2636+0.4820i	0.2214+2.0529i	0.9891+0.6574i	0.0131+0.4673i	1.2373-0.0389i	0.0616-0.3862i	0.0780-0.1904i
60.8	--	0.2355+0.4778i	0.2466+2.0573i	1.0684+0.7228i	-0.0257+0.4492i	1.1605-0.0655i	0.0252-0.3400i	0.0632-0.1863i
60.9	--	0.1405+0.4064i	0.2739+2.0370i	0.8368+0.6981i	-0.0545+0.4848i	1.1257-0.0690i	0.0369-0.3260i	0.0308-0.2066i
61.0	--	0.0538+0.3915i	0.2824+2.0569i	0.7073+0.8264i	-0.0702+0.5230i	1.0711-0.0557i	0.0477-0.3360i	-0.0478-0.2124i
61.1	--	0.0722+0.4434i	0.4005+2.0676i	0.8243+0.9186i	-0.0522+0.5305i	1.0342-0.0760i	0.0149-0.3205i	-0.0940-0.1408i
61.2	--	0.1009+0.4293i	0.4475+2.1471i	1.0058+0.9835i	-0.0215+0.5444i	1.0135-0.1072i	-0.0123-0.2926i	-0.0547-0.0878i
61.3	--	0.0339+0.4094i	0.4815+2.0981i	0.9391+1.1171i	-0.0006+0.5334i	0.9835-0.0936i	-0.0692-0.2762i	0.0236-0.0098i
61.4	--	0.0070+0.4291i	0.4992+2.0344i	0.8117+1.2173i	0.0321+0.5213i	0.9784-0.1130i	-0.1047-0.2541i	0.0603+0.0311i
61.5	--	-0.0486+0.4995i	0.5277+2.0114i	0.7516+1.3147i	0.0558+0.5362i	0.9547-0.1198i	-0.1044-0.2238i	0.0892+0.0483i
61.6	--	-0.0681+0.4463i	0.5437+2.0497i	1.0110+1.3049i	0.0401+0.5361i	0.8762-0.1259i	-0.0700-0.1489i	0.1581-0.0118i
61.7	--	-0.0451+0.4519i	0.5881+2.0824i	1.0175+1.4103i	0.0599+0.5433i	0.7912-0.1206i	-0.0591-0.1162i	0.1974-0.0564i
61.8	--	-0.0111+0.4796i	0.6583+2.1111i	1.1759+1.6691i	0.0970+0.5421i	0.7053-0.0476i	-0.0399-0.0749i	0.1733-0.0923i
61.9	--	-0.0321+0.4783i	0.6580+2.0707i	1.3407+1.7687i	0.1362+0.5433i	0.6544+0.0148i	-0.0190-0.0373i	0.1527-0.1330i
62.0	--	-0.1338+0.4881i	0.7330+2.0062i	1.2869+1.6906i	0.1659+0.5182i	0.6800+0.1141i	0.0082-0.0650i	0.1097-0.1365i
62.1	--	-0.0866+0.5025i	0.7375+2.0334i	1.3304+1.6729i	0.2103+0.4638i	0.7109+0.1750i	0.0240-0.0869i	0.0622-0.1017i
62.2	--	-0.1092+0.5474i	0.7211+1.9585i	1.4313+1.7665i	0.2077+0.4293i	0.7676+0.2129i	0.0106-0.0611i	0.0499-0.0874i
62.3	--	-0.1463+0.5692i	0.7350+1.8965i	1.4445+1.7500i	0.2063+0.4102i	0.8108+0.2229i	0.0040-0.0707i	0.0256-0.0522i

62.4	--	-0.1657+0.5146i	0.7820+1.9392i	1.5986+1.5883i	0.2008+0.3875i	0.8286+0.2608i	0.0502-0.0765i	0.0127-0.0296i
62.5	--	-0.1503+0.4929i	0.8268+1.8848i	1.8397+1.5389i	0.1950+0.3842i	0.8816+0.2619i	0.0777-0.0478i	0.0018+0.0188i
62.6	--	-0.1679+0.5041i	0.8281+1.9157i	1.8741+1.5303i	0.1868+0.3746i	0.9241+0.2621i	0.0689-0.0444i	0.0130+0.0743i
62.7	--	-0.2509+0.5343i	0.8513+1.8358i	1.6828+1.5856i	0.1730+0.3669i	0.9495+0.2759i	0.0464-0.0224i	0.0517+0.0932i
62.8	--	-0.2176+0.5482i	0.8266+1.8719i	1.7023+1.7050i	0.1738+0.3823i	0.9666+0.2692i	0.0662-0.0072i	0.0524+0.1379i
62.9	--	-0.2178+0.6217i	0.8157+1.9106i	1.7101+1.6811i	0.1978+0.4127i	1.0212+0.2318i	0.0649-0.0125i	0.1056+0.1990i
63.0	--	-0.1836+0.6133i	0.8058+1.8947i	1.9037+1.7800i	0.1973+0.4211i	1.0061+0.1731i	0.1055+0.0675i	0.1123+0.1788i
63.1	--	-0.1938+0.6485i	0.8435+1.8447i	1.9582+1.7141i	0.2152+0.4152i	1.0305+0.1501i	0.1442+0.0664i	0.1214+0.1921i
63.2	--	-0.2124+0.6635i	0.8701+1.8717i	2.0027+1.6606i	0.2664+0.4106i	1.0718+0.1773i	0.1792+0.0210i	0.1630+0.2479i
63.3	--	-0.2367+0.7133i	0.7971+1.9004i	2.1140+1.7289i	0.2891+0.4238i	1.1167+0.1499i	0.2101+0.0484i	0.1652+0.2239i
63.4	--	-0.2782+0.7233i	0.7514+1.9539i	2.2742+1.6808i	0.3064+0.4333i	1.1307+0.1388i	0.2576+0.0377i	0.1828+0.2286i
63.5	--	-0.2133+0.7472i	0.7943+1.9363i	2.3104+1.6970i	0.3263+0.4067i	1.1402+0.1006i	0.2739+0.0520i	0.2327+0.2255i
63.6	--	-0.1789+0.7675i	0.7940+1.9602i	2.5355+1.6774i	0.3575+0.3900i	1.1355+0.0608i	0.3092+0.0655i	0.2776+0.2298i
63.7	--	-0.2259+0.8661i	0.7906+2.0059i	2.5687+1.6280i	0.3987+0.3958i	1.2103+0.0293i	0.3223+0.0505i	0.3247+0.2646i
63.8	--	-0.2121+0.8615i	0.8186+2.0359i	2.7096+1.4461i	0.4279+0.3691i	1.2428+0.0145i	0.3930+0.0195i	0.3431+0.2698i
63.9	--	-0.2235+0.8544i	0.8560+2.0639i	2.7348+1.3220i	0.4518+0.3244i	1.3063-0.0305i	0.4189+0.0029i	0.3717+0.2561i
64.0	--	-0.2013+0.8646i	0.8258+2.1303i	2.7741+1.2580i	0.4638+0.3157i	1.3285-0.1314i	0.4427-0.0483i	0.4218+0.2838i
64.1	--	-0.2046+0.8875i	0.8225+2.1892i	2.8643+1.1343i	0.4775+0.2970i	1.3277-0.2783i	0.4566-0.1048i	0.4816+0.2962i
64.2	--	-0.1879+0.9109i	0.8458+2.3204i	2.8589+1.0162i	0.4986+0.2699i	1.2437-0.3822i	0.4936-0.1353i	0.5432+0.2588i
64.3	--	-0.1680+0.9624i	0.8369+2.3111i	2.8489+0.9587i	0.5158+0.2588i	1.1077-0.4908i	0.5148-0.1410i	0.5813+0.2207i
64.4	--	-0.1124+1.0134i	0.8400+2.3670i	2.9022+0.9098i	0.5304+0.2545i	1.0084-0.5415i	0.5331-0.1720i	0.6076+0.2014i
64.5	--	-0.0966+0.9676i	1.0519+2.4325i	2.9204+0.8057i	0.5367+0.2284i	0.8912-0.5060i	0.5579-0.2310i	0.6321+0.1552i
64.6	--	-0.0909+0.9717i	1.0949+2.5360i	2.9141+0.6927i	0.5749+0.2330i	0.7800-0.4459i	0.5757-0.2904i	0.6164+0.1146i
64.7	--	-0.1267+1.0004i	1.1912+2.6500i	2.6341+0.5839i	0.6334+0.2480i	0.7570-0.3592i	0.5384-0.3224i	0.6479+0.1133i
64.8	--	-0.0780+0.9850i	1.2892+2.6882i	2.7892+0.6202i	0.7074+0.1970i	0.7655-0.2738i	0.5533-0.3516i	0.6784+0.1136i
64.9	--	-0.0442+1.0385i	1.3973+2.8122i	2.7024+0.4933i	0.7696+0.1243i	0.8187-0.2536i	0.5582-0.3821i	0.7112+0.0858i
65.0	--	-0.0353+1.0395i	1.5596+2.8708i	2.5826+0.5373i	0.8224+0.0400i	0.8706-0.2904i	0.5765-0.4508i	0.7457+0.0668i
65.1	--	0.0617+1.0335i	1.6593+2.8774i	2.5838+0.6305i	0.8589-0.0457i	0.8332-0.3695i	0.5759-0.5086i	0.7567+0.0428i
65.2	--	0.1494+1.0033i	1.7381+2.8921i	2.5684+0.7515i	0.8775-0.1476i	0.7767-0.4224i	0.5181-0.5610i	0.8113+0.0083i
65.3	--	0.0926+1.0738i	1.9570+2.9095i	2.3844+0.8074i	0.8415-0.2571i	0.7287-0.4707i	0.4383-0.5958i	0.8886-0.0736i
65.4	--	0.0875+1.1150i	2.2464+2.9100i	2.2128+0.8661i	0.7966-0.3365i	0.6656-0.5295i	0.4138-0.5682i	0.9412-0.1587i
65.5	--	0.1110+1.1220i	2.3107+2.8960i	2.3318+0.7538i	0.7711-0.3697i	0.5385-0.4944i	0.4530-0.5708i	0.9525-0.2287i
65.6	--	0.1093+1.1034i	2.4038+2.7115i	2.2375+1.0524i	0.7609-0.4197i	0.3482-0.4178i	0.5564-0.6448i	0.9123-0.3132i
65.7	--	0.1276+1.0449i	2.6470+2.7438i	2.3295+1.1698i	0.7459-0.5140i	0.2900-0.3189i	0.5493-0.7797i	0.9006-0.3564i
65.8	--	0.1017+1.0328i	2.8734+2.6816i	2.4301+1.3509i	0.7157-0.6158i	0.2793-0.1451i	0.4210-0.8830i	0.9060-0.3995i
65.9	--	0.1531+1.0420i	2.9179+2.6098i	2.6358+1.5330i	0.6382-0.6866i	0.2647+0.0271i	0.3253-0.9869i	0.8430-0.4478i
66.0	--	0.1177+1.0700i	3.0267+2.5697i	2.9417+1.6909i	0.5351-0.7341i	0.2601+0.1484i	0.2420-1.0332i	0.8001-0.5051i
66.1	--	0.0810+1.0663i	3.1931+2.5045i	3.0725+1.6688i	0.4386-0.7324i	0.3538+0.2663i	0.0941-1.0228i	0.8085-0.5375i
66.2	--	0.0890+1.0541i	3.3334+2.4211i	3.2962+1.6248i	0.3648-0.7589i	0.4411+0.3756i	-0.0330-0.9788i	0.8294-0.6145i
66.3	--	0.1191+1.0982i	3.4253+2.3429i	3.5709+1.5876i	0.3052-0.7935i	0.5225+0.4543i	-0.0935-0.9376i	0.8106-0.6476i
66.4	--	0.1866+1.1414i	3.5244+2.2410i	3.6831+1.6082i	0.2565-0.7975i	0.6652+0.5422i	-0.1714-0.8771i	0.7911-0.6970i
66.5	--	0.1529+1.1506i	3.7469+2.1516i	3.7416+1.4035i	0.1792-0.7941i	0.8036+0.6055i	-0.2588-0.8440i	0.7647-0.7395i
66.6	--	0.1383+1.2172i	3.9087+1.8415i	3.8959+1.4418i	0.0897-0.8148i	0.9546+0.5722i	-0.3435-0.7331i	0.7225-0.8292i
66.7	--	0.1066+1.2326i	3.8306+1.6268i	4.1049+1.2883i	0.0190-0.7647i	1.0569+0.5134i	-0.3497-0.6348i	0.6850-0.8388i
66.8	--	0.1639+1.2215i	4.0220+1.4886i	4.2628+1.1174i	-0.0755-0.7218i	1.2071+0.4598i	-0.3445-0.5343i	0.5960-0.8964i
66.9	--	0.1811+1.2434i	4.2080+1.3391i	4.4659+1.0297i	-0.1656-0.6731i	1.3442+0.3882i	-0.3310-0.4419i	0.5272-0.9535i
67.0	--	0.2342+1.3540i	4.1899+1.1074i	4.7530+0.9069i	-0.2152-0.5844i	1.4513+0.2752i	-0.3108-0.3498i	0.5020-1.0042i
67.1	--	0.2762+1.4021i	4.2165+1.0050i	4.9959+0.7910i	-0.2311-0.5315i	1.5072+0.1774i	-0.2670-0.2939i	0.4569-1.0483i
67.2	--	0.3398+1.3505i	4.1536+0.9122i	5.0496+0.4625i	-0.2255-0.4234i	1.4878+0.0404i	-0.1656-0.2490i	0.3484-1.0770i
67.3	--	0.3462+1.2977i	4.1973+0.6782i	5.1760+0.0693i	-0.2443-0.3342i	1.4183-0.0496i	-0.0733-0.2319i	0.2752-1.0777i
67.4	--	0.3428+1.3377i	4.3470+0.4527i	5.3491-0.2769i	-0.2573-0.2757i	1.4202-0.1342i	0.0351-0.1779i	0.1905-1.1580i
67.5	--	0.4410+1.4229i	4.3286+0.1775i	5.3873-0.5277i	-0.1973-0.1853i	1.3820-0.1366i	0.1743-0.2087i	0.0550-1.1224i
67.6	--	0.5676+1.4388i	4.2712-0.0164i	5.2097-0.8020i	-0.1177-0.1260i	1.3242-0.1556i	0.2555-0.2702i	-0.0677-1.1022i
67.7	--	0.5978+1.4538i	4.2571-0.2243i	5.2392-1.0752i	-0.0514-0.0972i	1.3402-0.1174i	0.3108-0.3461i	-0.1681-1.0750i
67.8	--	0.5851+1.4980i	4.2415-0.4825i	5.2464-1.4553i	0.0318-0.0358i	1.3471-0.0480i	0.3824-0.4866i	-0.2728-1.0073i
67.9	--	0.6581+1.4701i	4.1230-0.4096i	5.1847-1.5828i	0.1647-0.0748i	1.3893+0.0301i	0.4079-0.5945i	-0.3170-0.9494i
68.0	--	0.6924+1.4840i	3.8435-0.5266i	5.0931-1.4626i	0.3229-0.1121i	1.4227+0.0809i	0.3987-0.7197i	-0.3736-0.7922i
68.1	--	0.7165+1.4435i	3.8480-0.6591i	4.8989-1.6864i	0.3700-0.1547i	1.5173+0.1057i	0.3145-0.8166i	-0.3621-0.7033i
68.2	--	0.7363+1.4568i	3.8743-0.8403i	5.0166-2.0500i	0.4332-0.2592i	1.7495+0.1093i	0.2110-0.9281i	-0.3695-0.5945i
68.3	--	0.8168+1.4096i	3.6735-0.8461i	4.7997-1.9300i	0.5575-0.3766i	1.8873+0.0791i	0.1383-0.9451i	-0.3124-0.5148i
68.4	--	0.8340+1.3540i	3.6093-0.9004i	4.6024-2.0798i	0.5117-0.5488i	1.9819-0.1016i	0.0900-0.9194i	-0.3010-0.4937i
68.5	--	1.0031+1.4163i	3.6092-0.9447i	4.5466-2.2415i	0.4354-0.6684i	2.0714-0.2987i	0.1257-0.9166i	-0.3110-0.5033i
68.6	--	1.1662+1.4440i	3.6290-1.0573i	4.6686-2.4146i	0.4436-0.7706i	2.1468-0.4388i	0.1462-1.0624i	-0.3221-0.4714i

68.7	--	1.2598+1.3753i	3.3557-1.1204i	4.4337-2.5095i	0.4460-0.8446i	2.1426-0.5366i	0.0682-1.1710i	-0.3038-0.3967i
68.8	--	1.2526+1.4167i	3.1451-1.2695i	4.2469-2.6119i	0.3929-0.8832i	2.1641-0.6328i	0.0008-1.2184i	-0.2918-0.3478i
68.9	--	1.3133+1.4205i	3.2246-1.3535i	4.1788-2.7025i	0.2746-1.0187i	2.1371-0.7901i	-0.1168-1.2580i	-0.2748-0.3245i
69.0	--	1.3958+1.4173i	3.2439-1.4100i	4.1042-2.7999i	0.1805-1.0891i	2.1128-0.9149i	-0.2111-1.3050i	-0.2721-0.2851i
69.1	--	1.4132+1.2687i	3.0846-1.4118i	3.9956-2.8023i	0.0809-1.1129i	2.1076-0.9349i	-0.3234-1.3686i	-0.2646-0.2664i
69.2	--	1.5116+1.2362i	3.1371-1.6766i	4.0513-2.9600i	-0.0050-1.1608i	2.2606-1.0146i	-0.4905-1.4673i	-0.2226-0.1798i
69.3	--	1.6205+1.1427i	3.0724-1.5409i	4.1432-3.0573i	-0.1373-1.1610i	2.3424-1.1214i	-0.6534-1.5132i	-0.1627-0.0633i
69.4	--	1.6668+1.1550i	2.8331-1.6062i	4.0985-2.9892i	-0.1706-1.1868i	2.4901-1.2843i	-0.7726-1.4827i	-0.0656-0.0497i
69.5	--	1.7528+1.0662i	2.7515-1.5560i	3.9423-3.2784i	-0.2757-1.1707i	2.5208-1.6293i	-0.9699-1.4066i	0.0656-0.0566i
69.6	--	1.7783+1.0267i	2.7436-1.5089i	3.8695-3.4389i	-0.3606-1.1758i	2.4493-1.8898i	-1.0666-1.3755i	0.1153-0.0848i
69.7	--	1.8204+0.9838i	2.7124-1.5148i	3.8984-3.6996i	-0.4931-1.1164i	2.3566-2.1345i	-1.2218-1.3596i	0.1873-0.0694i
69.8	--	1.8048+0.8159i	2.5950-1.4924i	3.9591-3.7055i	-0.6199-0.9514i	2.0394-2.3061i	-1.4169-1.2344i	0.2626-0.0640i
69.9	--	1.7439+0.7014i	2.5913-1.5450i	3.9126-3.9797i	-0.5941-0.7890i	1.6939-2.3842i	-1.6136-1.0158i	0.3832-0.1245i
70.0	--	1.8066+0.6477i	2.4441-1.4754i	3.6456-3.9306i	-0.4895-0.7690i	1.4586-2.4243i	-1.7573-0.8158i	0.4928-0.2227i
70.1	--	1.9026+0.5351i	2.3229-1.6101i	3.4464-4.0009i	-0.4369-0.7921i	1.3639-2.4030i	-1.8306-0.6489i	0.5432-0.3437i
70.2	--	1.9619+0.4617i	2.4502-1.6543i	3.3640-4.3585i	-0.3647-0.8567i	1.3532-2.4389i	-1.9192-0.4441i	0.6224-0.4883i
70.3	--	1.8717+0.3437i	2.4464-1.6252i	3.0913-4.4171i	-0.3933-0.9396i	1.2132-2.4486i	-1.8469-0.1483i	0.5612-0.6567i
70.4	--	1.8910+0.2587i	2.3314-1.6210i	2.9635-4.4565i	-0.4301-1.0300i	1.1899-2.5400i	-1.7959+0.1081i	0.5219-0.8160i
70.5	--	1.8320+0.2356i	2.3192-1.6215i	2.8777-4.4550i	-0.4478-1.0997i	1.1850-2.5619i	-1.5992+0.2258i	0.4439-0.8868i
70.6	--	1.7958+0.0768i	2.3891-1.6918i	2.6718-4.6082i	-0.5508-1.2128i	1.0695-2.7655i	-1.4172+0.4029i	0.3185-1.0235i
70.7	--	1.8687+0.0373i	2.3984-1.9069i	2.6209-4.6922i	-0.6338-1.3258i	0.9756-3.0098i	-1.3496+0.5162i	0.2622-1.1408i
70.8	--	1.8135-0.0482i	2.3536-1.9499i	2.5944-4.9175i	-0.7804-1.3611i	0.7298-3.1375i	-1.1836+0.5308i	0.1542-1.1726i
70.9	--	1.7811-0.1107i	2.3218-2.0021i	2.4580-4.9835i	-0.8979-1.3453i	0.5616-3.1486i	-1.0787+0.4942i	0.0747-1.1667i
71.0	--	1.7464-0.2578i	2.0802-2.0900i	2.3087-5.1293i	-1.1290-1.3241i	0.1886-3.2123i	-0.9404+0.5475i	-0.0912-1.2269i
71.1	--	1.6539-0.2746i	1.9091-2.0787i	2.1020-5.2365i	-1.2540-1.2493i	-0.0491-3.1552i	-0.8762+0.5540i	-0.1827-1.2350i
71.2	--	1.4864-0.2933i	1.8699-2.0764i	1.8093-5.1441i	-1.4089-1.1602i	-0.2929-3.0077i	-0.7541+0.5260i	-0.3216-1.1963i
71.3	--	1.3707-0.2822i	1.7308-1.9847i	1.4405-5.3010i	-1.5816-1.0556i	-0.6094-2.9145i	-0.5942+0.4566i	-0.5246-1.1562i
71.4	--	1.2791-0.3737i	1.6412-1.9506i	1.2093-5.3279i	-1.6843-0.9041i	-0.7983-2.7164i	-0.5258+0.3795i	-0.6549-1.0713i
71.5	--	1.2902-0.3560i	1.5481-1.9594i	1.1515-5.4222i	-1.8015-0.8065i	-0.9147-2.6462i	-0.5359+0.3399i	-0.7445-1.0389i
71.6	--	1.2151-0.3566i	1.5063-1.8616i	0.9520-5.6208i	-1.8618-0.6182i	-1.0304-2.4620i	-0.4960+0.2665i	-0.8297-0.9029i
71.7	--	1.2533-0.3497i	1.4209-1.8872i	0.7632-5.5679i	-1.9291-0.5119i	-1.1158-2.3390i	-0.4882+0.2444i	-0.8734-0.8423i
71.8	--	1.2573-0.3233i	1.4452-1.8028i	0.5808-5.4885i	-1.9552-0.3556i	-1.1098-2.2402i	-0.5637+0.1792i	-0.9023-0.7323i
71.9	--	1.2224-0.3899i	1.4263-1.7264i	0.1944-5.4994i	-1.9512-0.1480i	-1.2056-2.0983i	-0.6169+0.1908i	-0.9287-0.5965i
72.0	--	1.1276-0.2971i	1.5174-1.8447i	-0.1931-5.3760i	-1.9162+0.0557i	-1.2211-1.9534i	-0.7305+0.1887i	-0.8891-0.4481i
72.1	--	1.1020-0.2215i	1.5733-1.8237i	-0.3260-5.3900i	-1.8500+0.1534i	-1.2137-1.8937i	-0.7666+0.1808i	-0.8629-0.3756i
72.2	--	1.1580-0.2385i	1.4578-1.7297i	-0.5142-5.3340i	-1.7571+0.2761i	-1.2390-1.8414i	-0.7815+0.2823i	-0.8130-0.3376i
72.3	--	1.1566-0.2319i	1.3619-1.6367i	-0.9516-5.1008i	-1.6386+0.3992i	-1.3038-1.7420i	-0.7508+0.3438i	-0.7926-0.2815i
72.4	--	1.1039-0.2766i	1.3926-1.5539i	-1.2524-4.8115i	-1.4671+0.4846i	-1.4208-1.6197i	-0.7025+0.4758i	-0.7397-0.2598i
72.5	--	1.1780-0.2564i	1.3767-1.5376i	-1.2906-4.8251i	-1.4158+0.4514i	-1.5013-1.6030i	-0.6660+0.6071i	-0.7068-0.3585i
72.6	--	1.1788-0.2203i	1.4256-1.4931i	-1.3830-4.5751i	-1.3443+0.4640i	-1.4773-1.3888i	-0.5165+0.5664i	-0.7433-0.3317i
72.7	--	1.1126-0.2544i	1.4684-1.3862i	-1.4607-4.3430i	-1.2788+0.4928i	-1.4530-1.1964i	-0.4279+0.4716i	-0.7714-0.2223i
72.8	--	1.0950-0.3698i	1.5573-1.3895i	-1.6324-4.1792i	-1.2441+0.5134i	-1.4837-1.1026i	-0.3903+0.4444i	-0.7784-0.1601i
72.9	--	1.1280-0.3711i	1.5018-1.4396i	-1.7304-3.9523i	-1.1870+0.5297i	-1.4504-1.0546i	-0.3564+0.4638i	-0.7625-0.1490i
73.0	--	1.1075-0.3482i	1.5917-1.4538i	-1.8909-3.7752i	-1.1139+0.5412i	-1.4430-0.9541i	-0.3139+0.4616i	-0.7519-0.1240i
73.1	--	1.1119-0.3876i	1.6769-1.4485i	-1.9094-3.7527i	-1.0741+0.5297i	-1.4255-0.9075i	-0.2992+0.4294i	-0.7409-0.0937i
73.2	--	1.1520-0.4114i	1.7214-1.4716i	-1.9842-3.5772i	-1.0461+0.5009i	-1.4110-0.8396i	-0.2678+0.3614i	-0.7277-0.0305i
73.3	--	1.1294-0.4218i	1.7660-1.5075i	-1.9358-3.2644i	-1.0119+0.4578i	-1.3397-0.7394i	-0.2619+0.2758i	-0.6775+0.0270i
73.4	--	1.1952-0.3375i	1.8892-1.4957i	-2.0854-3.2250i	-1.0315+0.4028i	-1.3355-0.6803i	-0.2856+0.1758i	-0.6903+0.0518i
73.5	--	1.2512-0.3058i	1.9362-1.5373i	-2.0266-3.2777i	-1.0967+0.3717i	-1.3205-0.6283i	-0.3517+0.1214i	-0.6735+0.0849i
73.6	--	1.2237-0.3576i	1.8404-1.6235i	-1.9657-3.1009i	-1.1233+0.3874i	-1.2706-0.5719i	-0.4193+0.1531i	-0.6156+0.0952i
73.7	--	1.2137-0.3609i	1.8854-1.6649i	-1.9995-2.8957i	-1.1732+0.4056i	-1.2090-0.5118i	-0.4976+0.1589i	-0.5686+0.1001i
73.8	--	1.1569-0.4194i	2.0561-1.7230i	-1.9868-2.8278i	-1.2379+0.4754i	-1.1538-0.4935i	-0.5904+0.1598i	-0.5109+0.1489i
73.9	--	1.2138-0.4806i	2.1257-1.7808i	-1.9521-2.7508i	-1.2624+0.5471i	-1.0965-0.4999i	-0.6852+0.2277i	-0.4340+0.1531i
74.0	--	1.2794-0.4454i	2.1603-1.9407i	-1.9433-2.6927i	-1.2829+0.6366i	-1.0722-0.4933i	-0.7643+0.3224i	-0.3685+0.1284i
74.1	--	1.2595-0.5099i	2.1975-2.0687i	-1.9677-2.5661i	-1.2588+0.7250i	-1.0642-0.4860i	-0.7483+0.4618i	-0.3490+0.0801i
74.2	--	1.2397-0.5465i	2.2677-2.2368i	-2.0108-2.4261i	-1.2259+0.7852i	-1.0534-0.4649i	-0.7573+0.5532i	-0.3282+0.0580i
74.3	--	1.2056-0.5299i	2.2851-2.4622i	-2.0475-2.4190i	-1.1791+0.8760i	-1.0470-0.4238i	-0.7317+0.6172i	-0.3110+0.0595i
74.4	--	1.1227-0.5949i	2.3172-2.6710i	-2.0696-2.4306i	-1.1297+0.9643i	-1.0251-0.3902i	-0.7204+0.7213i	-0.2842+0.0381i
74.5	--	1.1224-0.6517i	2.3290-2.7337i	-2.0403-2.2549i	-1.1032+0.9793i	-1.0374-0.3590i	-0.6963+0.7577i	-0.2658+0.0228i
74.6	--	1.1241-0.6599i	2.2540-2.8306i	-1.9474-2.2084i	-1.0567+0.9991i	-1.0247-0.3558i	-0.6096+0.7980i	-0.2800+0.0047i
74.7	--	1.0949-0.6719i	2.2631-3.0660i	-1.9967-2.0853i	-1.0137+1.0599i	-1.0389-0.3433i	-0.5655+0.8937i	-0.2822-0.0159i
74.8	--	1.0458-0.7719i	2.1627-3.3045i	-2.0639-1.9630i	-0.9642+1.1321i	-1.0377-0.3146i	-0.5144+0.9891i	-0.2750-0.0433i
74.9	--	1.0451-0.7798i	1.9999-3.5211i	-2.1122-1.9582i	-0.9036+1.2100i	-1.0569-0.2605i	-0.4256+1.0494i	-0.2939-0.0671i

75.0	--	1.0276-0.7740i	1.8250-3.5792i	-2.1031-1.9082i	-0.8454+1.2275i	-1.0359-0.2227i	-0.3342+1.0050i	-0.3112-0.0594i
75.1	--	1.1355-0.8179i	1.7316-3.7009i	-2.1031-1.7773i	-0.8180+1.2419i	-1.0241-0.1941i	-0.3126+1.0440i	-0.3181-0.0767i
75.2	--	1.1586-0.8569i	1.5167-3.7233i	-2.1202-1.7314i	-0.7507+1.2624i	-1.0067-0.1536i	-0.2428+1.0563i	-0.3238-0.0742i
75.3	--	1.1065-0.8938i	1.4411-3.9258i	-2.2101-1.7019i	-0.6734+1.3153i	-0.9778-0.1105i	-0.1973+1.1169i	-0.3101-0.1024i
75.4	--	1.1001-0.9362i	1.2342-4.0037i	-2.1967-1.7213i	-0.6156+1.3625i	-0.9479-0.0862i	-0.1182+1.1289i	-0.3454-0.1067i
75.5	--	1.0480-0.9249i	0.9313-3.9656i	-2.1204-1.6810i	-0.5221+1.3672i	-0.9218-0.0446i	-0.0297+1.1344i	-0.3477-0.1239i
75.6	--	1.0333-0.9830i	0.7806-3.7859i	-2.0758-1.5300i	-0.4263+1.3460i	-0.9031-0.0424i	0.0444+1.1109i	-0.3604-0.1107i
75.7	--	1.0214-0.9661i	0.6294-3.8518i	-2.1041-1.4564i	-0.3485+1.3780i	-0.8949-0.0208i	0.1477+1.1148i	-0.3888-0.1133i
75.8	--	0.9394-0.9475i	0.2438-3.9554i	-2.0715-1.3751i	-0.2042+1.3788i	-0.8493+0.0011i	0.3036+1.1237i	-0.3967-0.1255i
75.9	--	0.9769-0.9551i	0.0980-3.7456i	-2.0240-1.3215i	-0.1408+1.3163i	-0.8248+0.0031i	0.3823+1.0560i	-0.4138-0.1207i
76.0	--	0.9703-1.0796i	-0.1150-3.8344i	-2.1282-1.1761i	-0.0485+1.3426i	-0.8346+0.0560i	0.4643+1.0388i	-0.4294-0.1099i
76.1	--	0.8998-1.1456i	-0.1817-3.7884i	-2.1263-1.1790i	0.0342+1.3177i	-0.8378+0.0606i	0.5612+1.0097i	-0.4539-0.1067i
76.2	--	0.9266-1.1567i	-0.2461-3.8060i	-2.2054-1.1635i	0.0789+1.2663i	-0.8543+0.0958i	0.6182+0.9900i	-0.4766-0.1218i
76.3	--	0.8932-1.1424i	-0.4266-3.7483i	-2.1476-1.1580i	0.1332+1.2090i	-0.8879+0.1127i	0.6900+0.9161i	-0.4903-0.1166i
76.4	--	0.8354-1.1711i	-0.5721-3.6432i	-2.1298-1.0869i	0.2207+1.1671i	-0.9002+0.1183i	0.7787+0.8204i	-0.5365-0.0678i
76.5	--	0.7402-1.2611i	-0.5466-3.5140i	-2.1434-0.9794i	0.2724+1.1109i	-0.8375+0.2409i	0.8306+0.7363i	-0.5613-0.0426i
76.6	--	0.7203-1.2429i	-0.6383-3.3345i	-2.1603-0.9057i	0.3284+1.0483i	-0.7814+0.3046i	0.8441+0.6423i	-0.5450-0.0241i
76.7	--	0.7802-1.4177i	-0.6795-3.2847i	-2.1911-0.7888i	0.3841+0.9867i	-0.7651+0.3457i	0.8989+0.5768i	-0.5573+0.0045i
76.8	--	0.8173-1.3717i	-0.8390-3.2960i	-2.2746-0.7532i	0.4186+0.9099i	-0.7365+0.4159i	0.9277+0.4853i	-0.5647+0.0280i
76.9	--	0.7052-1.2675i	-0.8600-3.1217i	-2.1940-0.7873i	0.4271+0.8103i	-0.6922+0.3718i	0.9121+0.3562i	-0.5636+0.0690i
77.0	--	0.7098-1.2652i	-0.8645-3.0256i	-2.1356-0.7197i	0.4433+0.7333i	-0.5860+0.4408i	0.9361+0.2796i	-0.5870+0.0754i
77.1	--	0.6123-1.4434i	-0.8236-3.0251i	-2.2022-0.6078i	0.4243+0.6280i	-0.5642+0.5450i	0.9328+0.1891i	-0.5838+0.0960i
77.2	--	0.5383-1.4750i	-0.7655-2.9919i	-2.1655-0.5588i	0.4227+0.5593i	-0.4632+0.5230i	0.9186+0.1127i	-0.5943+0.1216i
77.3	--	0.4333-1.4639i	-1.0344-2.8349i	-2.2860-0.4107i	0.3936+0.4668i	-0.3637+0.4970i	0.8547+0.0418i	-0.5630+0.1466i
77.4	--	0.4461-1.4137i	-1.1024-2.8792i	-2.3081-0.3198i	0.3360+0.4111i	-0.3884+0.4919i	0.8783+0.0208i	-0.5938+0.1298i
77.5	--	0.5191-1.4956i	-1.1214-3.0965i	-2.3593-0.2250i	0.2394+0.3683i	-0.3361+0.5328i	0.9037-0.0793i	-0.6609+0.1777i
77.6	--	0.3969-1.6645i	-0.9445-3.1055i	-2.2789-0.0083i	0.1631+0.3378i	-0.2456+0.5143i	0.8671-0.1493i	-0.6779+0.2305i
77.7	--	0.2869-1.7275i	-0.9826-3.0959i	-2.1141+0.0306i	0.0977+0.3469i	-0.1823+0.4654i	0.8173-0.1805i	-0.6670+0.2491i
77.8	--	0.2222-1.6297i	-1.0545-3.0467i	-2.1166+0.0871i	0.0283+0.3634i	-0.1550+0.4447i	0.7534-0.2383i	-0.6563+0.2942i
77.9	--	0.1740-1.6148i	-1.1323-2.8514i	-2.0890+0.2191i	0.0050+0.3941i	-0.1188+0.4128i	0.6508-0.3383i	-0.5967+0.3812i
78.0	--	0.0578-1.7110i	-1.4630-2.9777i	-2.1151+0.4142i	0.0044+0.4809i	-0.0358+0.4397i	0.6491-0.4307i	-0.6027+0.4629i
78.1	--	-0.1124-1.7178i	-1.5380-2.7694i	-1.8910+0.5362i	0.0171+0.5028i	-0.0127+0.3940i	0.5756-0.4783i	-0.5522+0.5054i
78.2	--	-0.2609-1.6969i	-1.5626-2.6710i	-1.7246+0.6240i	0.0472+0.5179i	0.0520+0.2989i	0.5075-0.5078i	-0.5157+0.5416i
78.3	--	-0.4508-1.6235i	-1.6178-2.7527i	-1.5772+0.6042i	0.0738+0.5358i	0.1007+0.2540i	0.4533-0.5151i	-0.4808+0.5692i
78.4	--	-0.5034-1.5929i	-1.7024-2.6004i	-1.4631+0.6995i	0.0934+0.5321i	0.1253+0.2233i	0.3614-0.5061i	-0.4238+0.5633i
78.5	--	-0.5641-1.6158i	-1.8522-2.8745i	-1.5454+0.8128i	0.1188+0.5683i	0.1527+0.1922i	0.3159-0.5358i	-0.3726+0.6128i
78.6	--	-0.7219-1.3947i	-1.6931-2.8044i	-1.2715+0.6677i	0.1137+0.5582i	0.1601+0.1092i	0.2553-0.4951i	-0.3410+0.5877i
78.7	--	-0.7023-1.3611i	-1.8969-2.4040i	-1.2141+0.8038i	0.1691+0.5158i	0.1446+0.0088i	0.1825-0.4988i	-0.2773+0.6128i
78.8	--	-0.5791-1.3607i	-1.9750-2.3179i	-1.2447+0.9666i	0.1799+0.4770i	0.1681-0.0033i	0.1201-0.4522i	-0.2309+0.5768i
78.9	--	-0.6239-1.3416i	-1.6463-2.5703i	-1.2017+0.7855i	0.1588+0.4936i	0.1708-0.0014i	0.1107-0.4319i	-0.2391+0.5590i
79.0	--	-0.8250-1.4437i	-1.8098-2.4766i	-1.1178+1.0057i	0.1879+0.4868i	0.1611-0.0691i	0.0850-0.4300i	-0.2061+0.5787i
79.1	--	-1.0598-1.2778i	-2.1225-2.3209i	-0.8907+1.2732i	0.2321+0.4494i	0.1586-0.1057i	0.0136-0.4128i	-0.1154+0.5713i
79.2	--	-1.2923-1.0644i	-2.1129-2.2073i	-0.5395+1.2634i	0.2315+0.4342i	0.1268-0.1490i	-0.0094-0.3944i	-0.1061+0.5545i
79.3	--	-1.2193-0.7187i	-1.8898-2.0318i	-0.2506+0.9786i	0.1882+0.3810i	0.0828-0.1314i	-0.0254-0.3263i	-0.0911+0.4843i
79.4	--	-1.1512-0.6309i	-2.2150-1.9484i	-0.1306+0.8863i	0.1626+0.3607i	0.0432-0.1244i	-0.0228-0.2794i	-0.0684+0.4654i
79.5	--	-1.1206-0.5532i	-2.2604-1.8813i	-0.0744+0.8155i	0.1441+0.3462i	0.0196-0.1125i	-0.0304-0.2561i	-0.0505+0.4397i
79.6	--	-0.9800-0.3814i	-2.2280-1.7756i	-0.0284+0.7472i	0.1485+0.3417i	0.0425-0.1264i	-0.0272-0.2629i	-0.0546+0.4294i
79.7	--	-0.9555-0.3500i	-2.0928-1.9494i	0.1518+0.4565i	0.1003+0.3639i	0.0191-0.1760i	0.0037-0.2712i	-0.0952+0.4424i
79.8	--	-0.9276-0.1950i	-2.0350-1.8534i	0.1253+0.2590i	0.1133+0.3769i	0.0011-0.1670i	-0.0050-0.2655i	-0.0674+0.4217i
79.9	--	-0.9443-0.1505i	-2.2097-1.6299i	0.1112+0.2462i	0.1354+0.3740i	0.0081-0.1513i	-0.0152-0.2613i	-0.0451+0.4213i
80.0	--	-0.8087-0.2673i	-2.3744-1.5093i	0.1114+0.3279i	0.1406+0.3691i	-0.0181-0.1731i	-0.0494-0.2632i	-0.0183+0.4283i

2.1.95 Run 8 – VT315-200 – Accels 33–40

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	4.6492+0.0000i	2.9336+0.0000i	-1.3152+0.0000i	-2.6003+0.0000i	10.5799+0.0000i	2.6320+0.0000i	4.6413+0.0000i	1.5403+0.0000i
0.1	1.0721-0.2253i	1.4131-0.9164i	0.6049-0.8875i	-0.2396+0.4807i	1.1364-0.5240i	0.5823-0.6531i	0.2881+0.1819i	0.1002-0.3730i
0.2	0.1153+0.0718i	0.3028-0.5516i	0.2786-0.6570i	0.0283+0.1447i	-0.1305-0.0099i	-0.1039-0.3667i	-0.0619+0.1400i	-0.1249-0.0909i
0.3	0.0270+0.0830i	-0.0478-0.1208i	0.0207-0.1959i	-0.0536+0.0177i	-0.0690+0.0320i	-0.1061-0.0542i	0.0403-0.0138i	0.0291+0.0131i
0.4	0.0110+0.0436i	-0.0217+0.0271i	-0.0265-0.0214i	-0.0706+0.0033i	0.0104-0.0496i	0.0075-0.0177i	0.0170+0.0307i	-0.0115+0.0066i
0.5	0.0184+0.0018i	0.0098-0.0197i	-0.0005-0.0174i	0.0115-0.0051i	-0.0176-0.0189i	-0.0304+0.0171i	-0.0025+0.0017i	0.0003+0.0000i
0.6	0.0128-0.0124i	0.0058-0.0122i	0.0154-0.0109i	0.0121-0.0167i	0.0043-0.0243i	-0.0213-0.0132i	-0.0000+0.0017i	-0.0074+0.0050i
0.7	0.0022-0.0115i	0.0004+0.0056i	-0.0176+0.0213i	0.0048-0.0163i	0.0415-0.0019i	-0.0054-0.0149i	-0.0008-0.0040i	-0.0023+0.0019i
0.8	-0.0040-0.0109i	-0.0076+0.0063i	-0.0148+0.0122i	0.0001-0.0029i	-0.0221-0.0160i	-0.0042-0.0047i	-0.0042-0.0020i	-0.0017+0.0014i
0.9	-0.0017-0.0024i	-0.0055-0.0022i	-0.0023-0.0060i	-0.0030+0.0085i	-0.0378+0.0201i	-0.0053+0.0007i	-0.0055+0.0016i	-0.0002+0.0007i
1.0	-0.0041+0.0014i	0.0011-0.0020i	-0.0010-0.0034i	-0.0013+0.0062i	0.0155+0.0491i	-0.0033+0.0007i	-0.0013-0.0027i	-0.0010+0.0008i
1.1	-0.0058+0.0041i	0.0007+0.0034i	-0.0091+0.0018i	0.0007+0.0002i	0.0012+0.0016i	-0.0044-0.0020i	-0.0017-0.0016i	-0.0007+0.0012i
1.2	-0.0037+0.0063i	0.0001+0.0027i	-0.0074+0.0066i	-0.0014-0.0004i	-0.0013+0.0066i	-0.0062-0.0015i	-0.0018+0.0007i	-0.0014+0.0012i
1.3	-0.0017+0.0051i	0.0024+0.0022i	-0.0061+0.0056i	0.0004+0.0001i	-0.0117-0.0225i	-0.0068-0.0011i	-0.0011-0.0001i	-0.0009-0.0002i
1.4	0.0003+0.0049i	0.0009+0.0014i	-0.0083+0.0023i	0.0029+0.0012i	-0.0093-0.0225i	-0.0058-0.0011i	-0.0027-0.0022i	0.0009-0.0011i
1.5	-0.0015+0.0024i	-0.0082+0.0002i	-0.0101-0.0026i	0.0006+0.0032i	-0.0415+0.0448i	-0.0069-0.0016i	-0.0017+0.0002i	0.0008-0.0023i
1.6	-0.0036+0.0056i	-0.0149+0.0137i	-0.0095-0.0006i	0.0027-0.0012i	-0.0278+0.0591i	-0.0077-0.0023i	-0.0015-0.0011i	-0.0008-0.0008i
1.7	0.0034+0.0034i	0.0019+0.0127i	-0.0105+0.0019i	-0.0063+0.0016i	0.0431-0.0147i	-0.0092-0.0005i	-0.0041-0.0022i	-0.0008-0.0000i
1.8	0.0020+0.0032i	0.0031+0.0044i	-0.0100+0.0053i	-0.0104+0.0039i	0.0478-0.0362i	-0.0094-0.0002i	-0.0066+0.0001i	-0.0006+0.0006i
1.9	0.0045-0.0007i	-0.0158+0.0033i	-0.0159-0.0001i	-0.0122+0.0024i	-0.0266+0.0152i	-0.0098-0.0015i	-0.0074+0.0008i	-0.0017+0.0007i
2.0	0.0079-0.0138i	-0.0265+0.0430i	-0.0170-0.0004i	-0.0155+0.0122i	0.0019+0.0458i	-0.0117-0.0027i	-0.0080+0.0010i	-0.0016+0.0034i
2.1	-0.0146-0.0291i	0.0569+0.1173i	-0.0198+0.0025i	-0.0016+0.0180i	0.0553+0.0445i	-0.0149-0.0045i	-0.0066-0.0005i	0.0041+0.0074i
2.2	-0.0347+0.0106i	0.1234-0.0639i	-0.0202-0.0005i	0.0052-0.0003i	0.0731-0.0763i	-0.0203+0.0005i	-0.0067+0.0009i	0.0084-0.0041i
2.3	-0.0131+0.0159i	-0.0087-0.0862i	-0.0245-0.0035i	-0.0124+0.0009i	0.0142-0.0554i	-0.0185+0.0004i	-0.0053+0.0026i	-0.0009-0.0062i
2.4	-0.0055+0.0235i	-0.0121-0.0349i	-0.0275-0.0040i	-0.0073+0.0238i	-0.0015-0.0415i	-0.0194-0.0029i	-0.0044+0.0042i	-0.0004-0.0019i
2.5	0.0085+0.0173i	0.0002-0.0195i	-0.0297-0.0033i	0.0100+0.0143i	0.0098-0.0230i	-0.0231-0.0027i	-0.0026+0.0028i	-0.0008+0.0001i
2.6	0.0068+0.0080i	-0.0027-0.0241i	-0.0308-0.0036i	0.0075+0.0035i	-0.0007-0.0257i	-0.0239-0.0014i	-0.0022+0.0013i	-0.0008-0.0026i
2.7	0.0078+0.0049i	-0.0084-0.0169i	-0.0344-0.0028i	0.0075+0.0008i	0.0016-0.0377i	-0.0257-0.0018i	-0.0023+0.0010i	-0.0010-0.0012i
2.8	0.0052+0.0030i	-0.0065-0.0097i	-0.0381-0.0028i	0.0043+0.0012i	-0.0067-0.0353i	-0.0288-0.0013i	-0.0039-0.0005i	-0.0019-0.0003i
2.9	0.0009+0.0018i	-0.0052-0.0069i	-0.0399-0.0023i	0.0041+0.0012i	0.0014-0.0226i	-0.0310-0.0031i	-0.0042-0.0001i	-0.0022-0.0007i
3.0	0.0012+0.0029i	-0.0036-0.0064i	-0.0433-0.0024i	0.0021+0.0011i	-0.0451-0.0144i	-0.0328-0.0021i	-0.0053-0.0002i	-0.0005-0.0012i
3.1	0.0011+0.0051i	-0.0018-0.0063i	-0.0478-0.0040i	0.0037+0.0052i	-0.0553+0.0013i	-0.0341-0.0023i	-0.0053-0.0003i	-0.0014-0.0006i
3.2	0.0026+0.0043i	-0.0018-0.0059i	-0.0519-0.0057i	0.0064-0.0016i	-0.0771-0.0276i	-0.0367-0.0024i	-0.0066-0.0003i	-0.0016+0.0018i
3.3	0.0026+0.0047i	-0.0007-0.0058i	-0.0570-0.0042i	0.0004-0.0052i	-0.0515-0.0590i	-0.0390-0.0012i	-0.0064+0.0002i	-0.0007+0.0054i
3.4	-0.0002+0.0046i	-0.0050-0.0067i	-0.0591-0.0031i	-0.0038-0.0049i	-0.0005-0.0869i	-0.0416-0.0024i	-0.0070+0.0034i	-0.0000+0.0076i
3.5	-0.0002+0.0040i	-0.0084-0.0065i	-0.0653-0.0046i	0.0056+0.0027i	0.0270-0.0005i	-0.0473-0.0025i	-0.0080+0.0044i	0.0022+0.0022i
3.6	0.0023-0.0017i	-0.0146-0.0025i	-0.0717-0.0041i	0.0202+0.0164i	-0.0229-0.0341i	-0.0532+0.0003i	-0.0082+0.0019i	0.0068-0.0027i
3.7	0.0031+0.0008i	0.0102+0.0103i	-0.0726+0.0041i	0.0013+0.0022i	-0.0300+0.0437i	-0.0498+0.0077i	-0.0138-0.0038i	0.0070+0.0018i
3.8	0.0022+0.0002i	0.0102+0.0033i	-0.0786+0.0016i	-0.0000-0.0004i	0.0016+0.0755i	-0.0546+0.0028i	-0.0153-0.0022i	0.0015+0.0030i
3.9	0.0005+0.0005i	0.0076-0.0005i	-0.0824+0.0001i	-0.0001+0.0011i	0.0075-0.0039i	-0.0592+0.0014i	-0.0167-0.0008i	0.0035+0.0065i
4.0	-0.0002+0.0005i	0.0051-0.0014i	-0.0870-0.0018i	0.0002-0.0012i	-0.0106-0.0210i	-0.0623+0.0002i	-0.0175-0.0008i	0.0101+0.0046i
4.1	-0.0006-0.0001i	0.0043+0.0004i	-0.0927-0.0018i	-0.0007-0.0016i	-0.0068-0.0190i	-0.0665-0.0005i	-0.0180-0.0001i	0.0108-0.0024i
4.2	-0.0003-0.0011i	0.0044+0.0013i	-0.0988-0.0019i	-0.0008-0.0006i	-0.0010-0.0092i	-0.0709-0.0009i	-0.0198+0.0012i	0.0118-0.0066i
4.3	-0.0008-0.0018i	0.0026+0.0018i	-0.1057-0.0025i	-0.0023-0.0026i	0.0182+0.0202i	-0.0763-0.0021i	-0.0206+0.0025i	0.0178-0.0115i
4.4	-0.0010-0.0020i	0.0022+0.0039i	-0.1118-0.0028i	-0.0030-0.0018i	0.0092-0.0037i	-0.0804-0.0032i	-0.0195+0.0031i	0.0215-0.0210i
4.5	-0.0015-0.0027i	0.0042+0.0075i	-0.1189-0.0020i	-0.0048+0.0002i	-0.0423+0.0054i	-0.0852-0.0021i	-0.0181+0.0045i	0.0188-0.0360i
4.6	-0.0029-0.0025i	0.0047+0.0116i	-0.1252-0.0034i	-0.0000+0.0014i	-0.0006+0.0094i	-0.0911-0.0010i	-0.0198+0.0057i	0.0201-0.0623i
4.7	-0.0042+0.0034i	0.0126+0.0254i	-0.1348-0.0028i	-0.0007+0.0037i	0.0272-0.0266i	-0.0987-0.0023i	-0.0198-0.0105i	-0.0570-0.1235i
4.8	0.0031+0.0044i	0.0373+0.0224i	-0.1453+0.0022i	0.0009+0.0041i	-0.0197-0.0134i	-0.1063+0.0021i	-0.0490-0.0158i	-0.2193-0.0860i
4.9	0.0032-0.0010i	0.0434-0.0049i	-0.1485-0.0027i	-0.0002+0.0012i	-0.0143-0.0652i	-0.1103+0.0029i	-0.0520+0.0047i	-0.2268+0.1140i
5.0	-0.0026+0.0033i	0.0173-0.0157i	-0.1724-0.0150i	0.0001+0.0087i	-0.0207-0.0698i	-0.1241-0.0126i	-0.0402-0.0090i	-0.0022+0.1535i
5.1	0.0056+0.0063i	0.0138-0.0143i	-0.1876-0.0180i	0.0071+0.0161i	0.0301-0.0353i	-0.1352-0.0160i	-0.0597-0.0102i	0.0182+0.1485i
5.2	0.0138-0.0027i	0.0088-0.0125i	-0.2043-0.0091i	0.0253+0.0141i	0.0517-0.0431i	-0.1518-0.0082i	-0.0795+0.0233i	0.0501+0.1485i
5.3	0.0041-0.0229i	0.0039-0.0054i	-0.2118+0.0092i	0.0396-0.0261i	0.0593-0.0144i	-0.1565+0.0101i	-0.0446+0.0884i	0.0815+0.1008i
5.4	-0.0272-0.0210i	-0.0048-0.0102i	-0.2170+0.0107i	-0.0105-0.0488i	0.0342-0.0367i	-0.1463+0.0164i	0.0522+0.0742i	0.2003+0.1178i
5.5	-0.0251-0.0005i	-0.0073+0.0005i	-0.2305+0.0016i	-0.0294-0.0143i	-0.0146+0.0256i	-0.1556+0.0059i	0.0585-0.0153i	0.3025-0.0313i
5.6	-0.0194+0.0115i	0.0064+0.0236i	-0.2561+0.0043i	-0.0238+0.0055i	0.0246+0.0241i	-0.1660-0.0044i	0.0277-0.0620i	0.1194-0.3043i

5.7	-0.0112+0.0142i	0.0229+0.0263i	-0.2691+0.0073i	-0.0180+0.0104i	0.0050+0.0166i	-0.1790-0.0065i	-0.0056-0.0615i	-0.0987-0.3160i
5.8	-0.0068+0.0168i	0.0342+0.0178i	-0.2854+0.0092i	-0.0089+0.0152i	0.0343+0.0089i	-0.1915-0.0050i	-0.0143-0.0688i	-0.2189-0.2027i
5.9	-0.0007+0.0182i	0.0419+0.0096i	-0.3018+0.0093i	-0.0009+0.0170i	0.0400-0.0037i	-0.2033-0.0050i	-0.0379-0.0788i	-0.3103-0.0627i
6.0	0.0036+0.0145i	0.0405-0.0048i	-0.3267+0.0076i	0.0084+0.0165i	0.0277-0.0066i	-0.2192-0.0034i	-0.0535-0.0580i	-0.2326+0.1546i
6.1	0.0054+0.0158i	0.0301-0.0122i	-0.3572+0.0083i	0.0151+0.0171i	0.0031-0.0087i	-0.2333-0.0039i	-0.0476-0.0682i	-0.0297+0.2187i
6.2	0.0112+0.0189i	0.0247-0.0114i	-0.3870+0.0108i	0.0229+0.0176i	-0.0005+0.0022i	-0.2490-0.0054i	-0.0659-0.0936i	0.0568+0.1580i
6.3	0.0208+0.0199i	0.0224-0.0068i	-0.4254+0.0191i	0.0326+0.0158i	0.0189+0.0094i	-0.2694-0.0032i	-0.1024-0.1033i	0.0569+0.0618i
6.4	0.0302+0.0204i	0.0226-0.0047i	-0.4618+0.0279i	0.0435+0.0166i	0.0280+0.0007i	-0.2883-0.0014i	-0.1356-0.1073i	0.0230+0.0210i
6.5	0.0481+0.0176i	0.0240-0.0039i	-0.5128+0.0478i	0.0644+0.0140i	0.0184+0.0053i	-0.3124+0.0069i	-0.1868-0.0961i	-0.0170+0.0510i
6.6	0.0622+0.0157i	0.0246-0.0019i	-0.5674+0.0620i	0.0821+0.0102i	0.0229+0.0247i	-0.3280+0.0108i	-0.2134-0.0811i	-0.0348+0.0698i
6.7	0.0833+0.0099i	0.0272-0.0003i	-0.6310+0.0925i	0.1077+0.0022i	0.0135+0.0118i	-0.3469+0.0123i	-0.2490-0.0694i	-0.0445+0.1155i
6.8	0.1205+0.0018i	0.0311+0.0009i	-0.7402+0.1282i	0.1558-0.0093i	0.0173+0.0116i	-0.3746+0.0105i	-0.3115-0.0578i	-0.0310+0.2082i
6.9	0.1674-0.0201i	0.0354-0.0013i	-0.8644+0.2156i	0.2167-0.0417i	0.0034+0.0076i	-0.4048+0.0095i	-0.3868-0.0384i	0.0432+0.2774i
7.0	0.2343-0.0976i	0.0368-0.0070i	-0.9937+0.4623i	0.2951-0.1485i	0.0053-0.0076i	-0.4449+0.0152i	-0.5199+0.0496i	0.2104+0.3033i
7.1	0.2885-0.2570i	0.0345-0.0099i	-1.0065+0.8665i	0.3472-0.3549i	0.0178+0.0293i	-0.4974+0.0334i	-0.6687+0.2879i	0.3540+0.2558i
7.2	0.1485-0.4676i	0.0345-0.0031i	-0.5465+1.2111i	0.1488-0.6047i	0.0244+0.0363i	-0.5131+0.0809i	-0.4927+0.7104i	0.4790+0.2187i
7.3	-0.0774-0.4765i	0.0492-0.0111i	-0.0837+1.0268i	-0.1298-0.5983i	0.0453+0.0241i	-0.5135+0.0536i	-0.0524+0.7119i	0.8390-0.1515i
7.4	-0.2335-0.3737i	0.0388-0.0297i	0.1082+0.6829i	-0.3270-0.4626i	0.0784+0.0011i	-0.6010+0.0445i	0.1212+0.4752i	0.4327-0.7690i
7.5	-0.2673-0.2586i	0.0247-0.0247i	0.0359+0.4168i	-0.3661-0.3076i	0.0449-0.0214i	-0.6445+0.0902i	0.0986+0.3460i	-0.0622-0.6137i
7.6	-0.2540-0.1851i	0.0225-0.0160i	-0.1149+0.2855i	-0.3394-0.2116i	0.0388-0.0085i	-0.6745+0.1161i	0.0566+0.2933i	-0.1668-0.3364i
7.7	-0.2338-0.1566i	0.0247-0.0134i	-0.2368+0.2489i	-0.3090-0.1764i	0.0439-0.0076i	-0.7155+0.1244i	0.0313+0.2786i	-0.1545-0.2455i
7.8	-0.2247-0.1499i	0.0254-0.0150i	-0.3421+0.2208i	-0.2967-0.1645i	0.0169-0.0086i	-0.7848+0.1207i	0.0090+0.2829i	-0.1671-0.2029i
7.9	-0.2374-0.1516i	0.0239-0.0163i	-0.4461+0.2231i	-0.3115-0.1622i	0.0261-0.0207i	-0.8921+0.1350i	0.0077+0.3136i	-0.1743-0.1581i
8.0	-0.2641-0.1382i	0.0213-0.0130i	-0.5371+0.2431i	-0.3388-0.1417i	0.0277-0.0244i	-0.9910+0.2020i	0.0206+0.3370i	-0.1800-0.1274i
8.1	-0.2750-0.1291i	0.0218-0.0111i	-0.6240+0.2753i	-0.3506-0.1281i	0.0196-0.0202i	-1.0688+0.2683i	0.0472+0.3649i	-0.2036-0.0764i
8.2	-0.2951-0.1175i	0.0201-0.0091i	-0.7178+0.3174i	-0.3737-0.1128i	0.0039-0.0137i	-1.1721+0.3429i	0.0917+0.3825i	-0.2067-0.0116i
8.3	-0.3186-0.1008i	0.0172-0.0056i	-0.8084+0.3614i	-0.3988-0.0902i	0.0116-0.0160i	-1.2691+0.4229i	0.1467+0.3899i	-0.1820+0.0553i
8.4	-0.3438-0.0823i	0.0153-0.0015i	-0.9034+0.4180i	-0.4231-0.0667i	0.0268-0.0266i	-1.3705+0.5156i	0.2114+0.3897i	-0.1293+0.0968i
8.5	-0.3689-0.0613i	0.0152+0.0025i	-1.0270+0.4881i	-0.4519-0.0384i	0.0493-0.0149i	-1.5108+0.6239i	0.2692+0.3668i	-0.0804+0.1244i
8.6	-0.4024-0.0346i	0.0157+0.0096i	-1.1825+0.5733i	-0.4889-0.0047i	0.0082-0.0004i	-1.6942+0.7515i	0.3232+0.3266i	-0.0213+0.1540i
8.7	-0.4439-0.0076i	0.0136+0.0127i	-1.3865+0.6988i	-0.5353+0.0298i	0.0117+0.0033i	-1.9463+0.9325i	0.3794+0.2851i	0.0556+0.1633i
8.8	-0.4843+0.0449i	0.0119+0.0184i	-1.5804+0.9510i	-0.5814+0.0944i	0.0021+0.0169i	-2.1833+1.2831i	0.4263+0.2026i	0.1448+0.1746i
8.9	-0.5205+0.1188i	0.0076+0.0336i	-1.7677+1.2969i	-0.6216+0.1855i	-0.0017+0.0411i	-2.4038+1.7571i	0.4343+0.0994i	0.3714+0.0785i
9.0	-0.5337+0.2106i	0.0107+0.0503i	-1.8197+1.7657i	-0.6335+0.2974i	-0.0120+0.0459i	-2.4418+2.3930i	0.3852-0.0105i	0.4677-0.2173i
9.1	-0.5250+0.2687i	0.0215+0.0655i	-1.8354+2.0805i	-0.6230+0.3687i	-0.0069+0.0657i	-2.4121+2.8103i	0.2529+0.0357i	0.1550-0.4516i
9.2	-0.5829+0.4092i	0.0363+0.0881i	-2.1295+2.9712i	-0.6907+0.5519i	0.0182+0.0847i	-2.7806+3.9913i	0.3299+0.0658i	0.0615-0.4383i
9.3	-0.4919+0.6597i	0.0752+0.1094i	-1.4329+4.3928i	-0.5612+0.8649i	0.0592+0.0999i	-1.8241+5.8790i	0.3733-0.0435i	-0.0283-0.5535i
9.4	-0.1519+0.7850i	0.1359+0.0888i	0.6748+4.9009i	-0.1240+1.0076i	0.0889+0.1163i	1.0195+6.5322i	0.2871-0.1488i	-0.3833-0.6087i
9.5	0.0980+0.6679i	0.1600+0.0416i	2.0518+4.0597i	0.1854+0.8477i	0.1370+0.0900i	2.8660+5.3895i	0.1926-0.1594i	-0.6357-0.4001i
9.6	0.2259+0.4827i	0.1575+0.0012i	2.6554+2.8788i	0.3370+0.6069i	0.1452+0.0624i	3.6751+3.8005i	0.1252-0.1284i	-0.7200-0.0904i
9.7	0.2215+0.3237i	0.1301-0.0235i	2.5290+1.9342i	0.3231+0.4050i	0.0893-0.0256i	3.5136+2.5347i	0.0965-0.0829i	-0.6435+0.1545i
9.8	0.1913+0.2411i	0.1095-0.0291i	2.2955+1.4625i	0.2844+0.3017i	0.0814-0.0240i	3.2111+1.9038i	0.0901-0.0552i	-0.5278+0.3192i
9.9	0.1531+0.1753i	0.0918-0.0214i	2.0399+1.0837i	0.2373+0.2197i	0.1066-0.0148i	2.8814+1.3957i	0.1010-0.0371i	-0.3389+0.4579i
10.0	0.1184+0.1367i	0.0824-0.0133i	1.8181+0.8786i	0.1932+0.1723i	0.0919-0.0196i	2.6005+1.1193i	0.1050-0.0357i	-0.1713+0.4495i
10.1	0.0916+0.1109i	0.0814-0.0075i	1.6348+0.7428i	0.1592+0.1383i	0.0617-0.0186i	2.3727+0.9325i	0.1059-0.0407i	-0.0501+0.4008i
10.2	0.0639+0.0981i	0.0842+0.0038i	1.4623+0.6735i	0.1287+0.1187i	0.0652-0.0044i	2.1610+0.8334i	0.1031-0.0486i	-0.0015+0.3570i
10.3	0.0468+0.0898i	0.0871+0.0102i	1.3589+0.6728i	0.1049+0.1110i	0.0809+0.0081i	2.0327+0.8189i	0.0937-0.0589i	0.0366+0.3366i
10.4	0.0369+0.0797i	0.0897+0.0148i	1.3406+0.6599i	0.0908+0.0994i	0.1306+0.0623i	2.0071+0.7964i	0.0728-0.0681i	0.0622+0.3931i
10.5	0.0257+0.0710i	0.0941+0.0225i	1.3353+0.6035i	0.0770+0.0881i	0.1170+0.0666i	2.0099+0.7358i	0.0466-0.0557i	0.2148+0.4180i
10.6	0.0172+0.0610i	0.1004+0.0266i	1.3262+0.5261i	0.0697+0.0761i	0.1266+0.0466i	2.0166+0.6413i	0.0313-0.0453i	0.3679+0.3164i
10.7	0.0054+0.0523i	0.1106+0.0329i	1.2775+0.4355i	0.0553+0.0656i	0.1007+0.0496i	1.9805+0.5221i	0.0196-0.0315i	0.4731+0.0990i
10.8	-0.0088+0.0414i	0.1184+0.0418i	1.2163+0.3566i	0.0404+0.0521i	0.1249+0.0247i	1.9266+0.4185i	0.0115-0.0172i	0.5293-0.0810i
10.9	-0.0238+0.0361i	0.1270+0.0427i	1.1403+0.3137i	0.0232+0.0429i	0.1384+0.0087i	1.8509+0.3572i	0.0110-0.0033i	0.4661-0.2259i
11.0	-0.0388+0.0326i	0.1353+0.0443i	1.0658+0.2914i	0.0044+0.0373i	0.1426+0.0045i	1.7848+0.3224i	0.0108+0.0088i	0.3718-0.3840i
11.1	-0.0505+0.0303i	0.1427+0.0478i	1.0180+0.2760i	-0.0079+0.0328i	0.1584+0.0471i	1.7492+0.2972i	0.0098+0.0150i	0.2905-0.5151i
11.2	-0.0632+0.0282i	0.1534+0.0500i	0.9711+0.2604i	-0.0205+0.0295i	0.1757+0.0802i	1.7200+0.2703i	0.0083+0.0212i	0.1238-0.6017i
11.3	-0.0751+0.0275i	0.1655+0.0517i	0.9253+0.2471i	-0.0301+0.0272i	0.2015+0.0638i	1.6965+0.2480i	0.0076+0.0233i	-0.0787-0.6165i
11.4	-0.0878+0.0259i	0.1738+0.0522i	0.8842+0.2364i	-0.0441+0.0237i	0.1899+0.0577i	1.6791+0.2266i	0.0043+0.0276i	-0.2496-0.6108i
11.5	-0.1016+0.0256i	0.1808+0.0550i	0.8395+0.2275i	-0.0588+0.0221i	0.1960+0.0549i	1.6649+0.2050i	-0.0054+0.0378i	-0.3751-0.5950i
11.6	-0.1145+0.0254i	0.1871+0.0575i	0.8021+0.2199i	-0.0692+0.0219i	0.2011+0.0570i	1.6587+0.1909i	-0.0173+0.0449i	-0.4742-0.4996i
11.7	-0.1287+0.0272i	0.1953+0.0593i	0.7551+0.2255i	-0.0853+0.0215i	0.2146+0.0546i	1.6526+0.1766i	-0.0229+0.0582i	-0.5784-0.4252i
11.8	-0.1443+0.0276i	0.2033+0.0672i	0.7116+0.2286i	-0.0974+0.0170i	0.2202+0.0839i	1.6595+0.1681i	-0.0329+0.0723i	-0.6998-0.3661i
11.9	-0.1583+0.0269i	0.2074+0.0784i	0.6700+0.2336i	-0.1086+0.0145i	0.2332+0.0813i	1.6760+0.1563i	-0.0455+0.0929i	-0.8129-0.2902i

12.0	-0.1772+0.0301i	0.2103+0.0984i	0.6289+0.2506i	-0.1258+0.0105i	0.2369+0.0940i	1.7001+0.1493i	-0.0583+0.1196i	-0.9816-0.2162i
12.1	-0.1980+0.0368i	0.2183+0.1313i	0.5788+0.2830i	-0.1425+0.0074i	0.2785+0.1254i	1.7419+0.1430i	-0.0738+0.1638i	-1.2177+0.0149i
12.2	-0.2138+0.0441i	0.2302+0.1631i	0.5542+0.3170i	-0.1544+0.0060i	0.3210+0.1825i	1.7779+0.1256i	-0.0675+0.2069i	-1.3264+0.2673i
12.3	-0.2337+0.0519i	0.2562+0.2179i	0.5311+0.3599i	-0.1694-0.0029i	0.3061+0.2508i	1.8240+0.1035i	-0.0379+0.2671i	-1.3942+0.6223i
12.4	-0.2522+0.0731i	0.3201+0.2989i	0.5211+0.4105i	-0.1952-0.0090i	0.3865+0.3219i	1.8948+0.0624i	0.0281+0.3163i	-1.3094+1.0630i
12.5	-0.2665+0.0911i	0.4042+0.3777i	0.5190+0.4486i	-0.2207-0.0190i	0.4765+0.3921i	1.9725+0.0113i	0.0842+0.3443i	-1.1311+1.4396i
12.6	-0.2746+0.1084i	0.5162+0.4523i	0.5180+0.4816i	-0.2473-0.0284i	0.6664+0.4794i	2.0382-0.0372i	0.1419+0.3599i	-0.8741+1.7295i
12.7	-0.2793+0.1291i	0.7552+0.5000i	0.5098+0.5254i	-0.3077-0.0293i	0.9069+0.5096i	2.1248-0.1131i	0.2233+0.3545i	-0.5097+1.9177i
12.8	-0.2785+0.1370i	0.9798+0.4485i	0.5076+0.5646i	-0.3610-0.0145i	1.1256+0.4322i	2.1836-0.1887i	0.2849+0.3247i	-0.1403+2.0072i
12.9	-0.2787+0.1297i	1.2020+0.3650i	0.4900+0.6116i	-0.4045-0.0049i	1.4204+0.3167i	2.2671-0.2503i	0.3436+0.3041i	0.2308+2.1945i
13.0	-0.2827+0.1235i	1.4747+0.1962i	0.4563+0.6822i	-0.4589+0.0265i	1.7007+0.0875i	2.3997-0.3519i	0.4122+0.2702i	0.5903+2.4493i
13.1	-0.3007+0.1196i	1.7102-0.0288i	0.4179+0.7788i	-0.5072+0.0658i	2.0128-0.1868i	2.5452-0.4889i	0.4814+0.2251i	1.0719+2.4318i
13.2	-0.3165+0.0979i	2.0307-0.2947i	0.3452+0.9495i	-0.5596+0.0893i	2.3590-0.5168i	2.7527-0.6295i	0.5810+0.1726i	1.5998+2.4705i
13.3	-0.3421+0.0689i	2.2114-0.7509i	0.3791+1.2026i	-0.6043+0.1177i	2.5082-1.0410i	2.8921-0.8884i	0.6744+0.0571i	2.2645+2.5323i
13.4	-0.3880-0.0144i	2.4432-1.7370i	0.5455+1.7535i	-0.6764+0.1481i	2.6898-2.1335i	3.0874-1.4204i	0.7705-0.2631i	3.8412+2.2788i
13.5	-0.5066-0.0464i	1.9450-2.5115i	1.0231+2.0167i	-0.7437+0.2055i	2.0940-3.0546i	2.8999-1.8674i	0.6250-0.4931i	4.6770+0.8978i
13.6	-0.7655-0.0743i	0.7804-3.2615i	1.9244+2.1208i	-0.8834+0.2761i	0.6716-3.9074i	2.5005-2.2361i	0.3021-0.7404i	4.7525-1.7395i
13.7	-1.0469+0.0068i	-0.2944-3.1353i	2.6190+1.7667i	-1.0417+0.3653i	-0.6392-3.7187i	2.3022-2.2147i	-0.0469-0.7375i	3.1735-3.1894i
13.8	-1.3875+0.3415i	-1.0525-2.2506i	3.0755+0.9553i	-1.2748+0.6236i	-1.4673-2.6684i	2.4998-2.1617i	-0.3573-0.4539i	1.0762-3.0408i
13.9	-1.5447+0.7456i	-1.1039-1.6434i	3.1741+0.3671i	-1.4059+0.9637i	-1.5277-1.9662i	2.8706-2.5071i	-0.4359-0.2008i	0.3904-2.1856i
14.0	-1.6151+1.3621i	-1.0003-1.2658i	3.2630-0.2807i	-1.4617+1.5365i	-1.4167-1.4716i	3.2172-3.4757i	-0.4035+0.0439i	0.4044-1.6071i
14.1	-1.2520+2.0780i	-0.8768-1.0724i	3.0587-1.0801i	-1.0868+2.2140i	-1.2342-1.1759i	2.7178-4.9162i	-0.2586+0.2302i	0.7320-1.5869i
14.2	-0.3914+2.5751i	-0.8378-0.9614i	2.3629-1.8478i	-0.2197+2.6633i	-1.1783-1.1186i	1.0011-6.0952i	-0.0667+0.2842i	0.4927-1.9691i
14.3	0.6184+2.4349i	-0.8555-0.8237i	1.3377-2.0910i	0.7793+2.4761i	-1.1405-0.9609i	-1.2820-5.8984i	0.0420+0.2222i	-0.0894-2.2095i
14.4	1.1756+1.8241i	-0.8372-0.7088i	0.5936-1.7223i	1.3093+1.8437i	-1.1266-0.7911i	-2.6468-4.5680i	0.0488+0.1432i	-0.7394-2.0569i
14.5	1.2776+1.3265i	-0.7956-0.6138i	0.3243-1.2987i	1.3896+1.3408i	-1.0725-0.6647i	-2.9517-3.3788i	0.0386+0.1278i	-0.9990-1.6181i
14.6	1.2090+0.9232i	-0.7375-0.5394i	0.2641-0.9318i	1.3047+0.9386i	-1.0106-0.6025i	-2.8272-2.3856i	0.0226+0.1442i	-0.9683-1.1446i
14.7	1.1178+0.6561i	-0.6878-0.4958i	0.2241-0.7111i	1.2005+0.6697i	-0.9477-0.5609i	-2.6769-1.6994i	0.0108+0.1556i	-0.8380-1.0091i
14.8	1.0235+0.5435i	-0.6597-0.4811i	0.2378-0.5532i	1.0994+0.5605i	-0.9195-0.5217i	-2.4559-1.3226i	-0.0077+0.1858i	-0.8563-0.9448i
14.9	0.9021+0.3769i	-0.6440-0.4554i	0.3264-0.3077i	0.9777+0.4058i	-0.9074-0.5088i	-2.0413-0.7631i	-0.0117+0.3422i	-0.8338-0.6299i
15.0	0.7984+0.2847i	-0.6251-0.4398i	0.4475-0.2574i	0.8780+0.3163i	-0.8843-0.5155i	-1.6484-0.6210i	0.1096+0.4598i	-0.6785-0.6298i
15.1	0.7191+0.2278i	-0.6326-0.4255i	0.5092-0.2594i	0.8046+0.2572i	-0.9019-0.4903i	-1.4180-0.5769i	0.2828+0.5251i	-0.6756-0.7787i
15.2	0.6441+0.1851i	-0.6541-0.3941i	0.5230-0.2743i	0.7319+0.2092i	-0.9074-0.4537i	-1.2719-0.5601i	0.5159+0.4597i	-0.8936-0.8398i
15.3	0.5806+0.1623i	-0.6642-0.3395i	0.5096-0.2698i	0.6709+0.1820i	-0.9421-0.3899i	-1.1964-0.5444i	0.6476+0.2468i	-1.1230-0.6701i
15.4	0.5358+0.1518i	-0.6487-0.2897i	0.5078-0.2506i	0.6247+0.1695i	-0.9452-0.3250i	-1.1389-0.5111i	0.6260+0.0806i	-1.1670-0.4584i
15.5	0.4959+0.1421i	-0.6208-0.2505i	0.5093-0.2306i	0.5838+0.1578i	-0.9095-0.2757i	-1.0893-0.4698i	0.5574-0.0459i	-1.1654-0.2498i
15.6	0.4612+0.1319i	-0.6170-0.2221i	0.4971-0.2251i	0.5515+0.1433i	-0.9063-0.2632i	-1.0701-0.4408i	0.5187-0.1089i	-1.1636-0.1101i
15.7	0.4313+0.1279i	-0.5912-0.1802i	0.4998-0.2077i	0.5225+0.1337i	-0.8741-0.2241i	-1.0307-0.3812i	0.4534-0.1532i	-1.1095+0.0319i
15.8	0.4033+0.1169i	-0.5733-0.1442i	0.4970-0.1966i	0.4945+0.1201i	-0.8620-0.1668i	-1.0067-0.3308i	0.4166-0.1598i	-1.1230+0.1752i
15.9	0.3784+0.1151i	-0.5476-0.1135i	0.4964-0.1912i	0.4704+0.1136i	-0.8230-0.1224i	-0.9833-0.2879i	0.3898-0.1790i	-1.0275+0.3230i
16.0	0.3630+0.1124i	-0.5258-0.0972i	0.5021-0.1950i	0.4559+0.1063i	-0.8119-0.1097i	-0.9653-0.2498i	0.3938-0.2199i	-0.9621+0.4444i
16.1	0.3458+0.1086i	-0.4990-0.0843i	0.4975-0.2014i	0.4381+0.0990i	-0.7921-0.0608i	-0.9503-0.1878i	0.3853-0.3061i	-0.9264+0.5425i
16.2	0.3319+0.1129i	-0.4624-0.0694i	0.4860-0.1943i	0.4172+0.0938i	-0.7507-0.0464i	-0.9081-0.1386i	0.2835-0.3592i	-0.8298+0.6598i
16.3	0.3190+0.1087i	-0.4458-0.0596i	0.4779-0.1988i	0.4022+0.0823i	-0.7470-0.0562i	-0.8800-0.0980i	0.1803-0.3793i	-0.7488+0.8119i
16.4	0.3041+0.1103i	-0.4171-0.0646i	0.4701-0.2022i	0.3825+0.0795i	-0.7169-0.0421i	-0.8374-0.0610i	0.0678-0.3351i	-0.6371+1.0080i
16.5	0.2958+0.1065i	-0.4001-0.0737i	0.4642-0.2140i	0.3663+0.0755i	-0.6980-0.0145i	-0.8137-0.0379i	0.0398-0.2513i	-0.4977+1.2026i
16.6	0.2829+0.1030i	-0.4016-0.0845i	0.4229-0.2419i	0.3451+0.0696i	-0.6924+0.0128i	-0.7969-0.0026i	0.0583-0.2057i	0.0307+1.4613i
16.7	0.2681+0.1065i	-0.3975-0.0730i	0.3544-0.2115i	0.3176+0.0769i	-0.6694+0.0154i	-0.7741+0.0447i	0.0328-0.2152i	0.5950+1.1318i
16.8	0.2595+0.1084i	-0.3956-0.0535i	0.3210-0.1573i	0.3058+0.0844i	-0.6548+0.0128i	-0.7210+0.0882i	-0.0121-0.1761i	0.7662+0.6216i
16.9	0.2492+0.1136i	-0.3749-0.0381i	0.3517-0.0924i	0.2983+0.0976i	-0.6486-0.0096i	-0.6620+0.0866i	0.0153-0.1140i	0.5418+0.3652i
17.0	0.2426+0.1205i	-0.3586-0.0348i	0.3712-0.1020i	0.2918+0.1073i	-0.6281-0.0143i	-0.6515+0.0992i	0.0370-0.1330i	0.6364+0.1969i
17.1	0.2353+0.1231i	-0.3368-0.0330i	0.3334-0.0926i	0.2803+0.1127i	-0.6110-0.0013i	-0.6391+0.1197i	-0.0044-0.1550i	0.5348-0.1119i
17.2	0.2333+0.1249i	-0.3221-0.0371i	0.3287-0.0267i	0.2790+0.1206i	-0.5803-0.0086i	-0.6273+0.1282i	-0.0830-0.0941i	0.2895-0.1260i
17.3	0.2322+0.1271i	-0.3181-0.0409i	0.3951-0.0099i	0.2826+0.1275i	-0.5884-0.0103i	-0.6188+0.1552i	-0.0269-0.0001i	0.3381-0.1268i
17.4	0.2328+0.1271i	-0.3137-0.0408i	0.4302-0.0410i	0.2865+0.1266i	-0.6205-0.0036i	-0.6085+0.1914i	0.0571+0.0054i	0.3297-0.3219i
17.5	0.2312+0.1293i	-0.3030-0.0375i	0.4202-0.0842i	0.2849+0.1252i	-0.6082-0.0102i	-0.5555+0.2201i	0.0810-0.0793i	-0.0137-0.4135i
17.6	0.2291+0.1301i	-0.2956-0.0362i	0.4044-0.0878i	0.2841+0.1267i	-0.6016-0.0057i	-0.5443+0.2197i	0.0070-0.0932i	-0.1579-0.2702i
17.7	0.2319+0.1283i	-0.2926-0.0372i	0.3958-0.1040i	0.2868+0.1268i	-0.6192-0.0169i	-0.5410+0.2346i	-0.0282-0.0651i	-0.2146-0.1557i
17.8	0.2305+0.1248i	-0.2903-0.0403i	0.3615-0.1237i	0.2856+0.1285i	-0.5881-0.0103i	-0.5241+0.2694i	-0.0494-0.0157i	-0.2482-0.0518i
17.9	0.2229+0.1243i	-0.2755-0.0393i	0.3042-0.1120i	0.2786+0.1329i	-0.6040+0.0018i	-0.4627+0.3001i	-0.0580+0.0748i	-0.2330+0.0654i
18.0	0.2227+0.1244i	-0.2732-0.0398i	0.2792-0.0770i	0.2808+0.1360i	-0.6233-0.0065i	-0.3959+0.2915i	-0.0257+0.1297i	-0.1443+0.1235i
18.1	0.2205+0.1231i	-0.2700-0.0413i	0.2766-0.0404i	0.2821+0.1362i	-0.6163-0.0161i	-0.3654+0.2544i	0.0496+0.1652i	-0.0807+0.1418i
18.2	0.2175+0.1220i	-0.2652-0.0454i	0.2857-0.0272i	0.2873+0.1372i	-0.6046-0.0021i	-0.3832+0.2027i	0.1286+0.1406i	-0.0519+0.1218i

18.3	0.2175+0.1185i	-0.2657-0.0422i	0.2848-0.0290i	0.2965+0.1323i	-0.6394-0.0080i	-0.4118+0.1737i	0.1620+0.0969i	-0.0498+0.0804i
18.4	0.2184+0.1085i	-0.2591-0.0398i	0.2620-0.0549i	0.3029+0.1158i	-0.6306-0.0398i	-0.4812+0.1659i	0.1751+0.0724i	-0.0558+0.0750i
18.5	0.2141+0.0908i	-0.2511-0.0355i	0.1967-0.0735i	0.2985+0.0891i	-0.6509-0.0341i	-0.6232+0.2194i	0.1644+0.0447i	-0.0628+0.0646i
18.6	0.1859+0.0834i	-0.2434-0.0466i	0.1060+0.0085i	0.2608+0.0798i	-0.6535+0.0259i	-0.6354+0.4234i	0.1447+0.0572i	-0.0422+0.0702i
18.7	0.1622+0.1045i	-0.2528-0.0565i	0.1113+0.1576i	0.2361+0.1160i	-0.6713+0.0364i	-0.4326+0.5500i	0.1775+0.0862i	-0.0298+0.0408i
18.8	0.1642+0.1202i	-0.2573-0.0470i	0.1833+0.1971i	0.2488+0.1386i	-0.6845+0.0184i	-0.3225+0.4679i	0.1946+0.0646i	-0.0456+0.0304i
18.9	0.1641+0.1233i	-0.2598-0.0297i	0.2140+0.2213i	0.2575+0.1430i	-0.7140+0.0319i	-0.3019+0.4384i	0.2015+0.0517i	-0.0620+0.0521i
19.0	0.1629+0.1265i	-0.2587-0.0216i	0.2331+0.2464i	0.2662+0.1461i	-0.7367+0.0725i	-0.2834+0.4289i	0.2113+0.0418i	-0.0492+0.0605i
19.1	0.1597+0.1309i	-0.2514-0.0107i	0.2562+0.2596i	0.2696+0.1433i	-0.7328+0.1340i	-0.2809+0.4078i	0.1976+0.0365i	-0.0345+0.0459i
19.2	0.1588+0.1365i	-0.2389-0.0005i	0.2831+0.2749i	0.2755+0.1442i	-0.7460+0.1724i	-0.2789+0.3932i	0.2082+0.0497i	-0.0371+0.0356i
19.3	0.1522+0.1410i	-0.2304+0.0029i	0.3091+0.2947i	0.2772+0.1483i	-0.7826+0.1395i	-0.2696+0.3883i	0.2192+0.0661i	-0.0446+0.0206i
19.4	0.1507+0.1468i	-0.2144+0.0101i	0.3288+0.3068i	0.2799+0.1486i	-0.7514+0.1262i	-0.2630+0.3933i	0.2366+0.0618i	-0.0572+0.0139i
19.5	0.1482+0.1547i	-0.2013+0.0120i	0.3631+0.3235i	0.2814+0.1516i	-0.7804+0.1231i	-0.2522+0.3931i	0.2614+0.0435i	-0.0644+0.0189i
19.6	0.1458+0.1629i	-0.1792+0.0046i	0.3976+0.3301i	0.2867+0.1558i	-0.7973+0.1815i	-0.2336+0.3802i	0.2819+0.0333i	-0.0862+0.0238i
19.7	0.1461+0.1708i	-0.1587+0.0011i	0.4278+0.3220i	0.2986+0.1598i	-0.7680+0.2388i	-0.2253+0.3462i	0.2967+0.0239i	-0.0974+0.0270i
19.8	0.1502+0.1754i	-0.1422-0.0029i	0.4405+0.3183i	0.3084+0.1602i	-0.7711+0.2508i	-0.2458+0.3307i	0.3109+0.0050i	-0.1090+0.0429i
19.9	0.1545+0.1840i	-0.1188-0.0139i	0.4592+0.3107i	0.3157+0.1570i	-0.7458+0.2073i	-0.2881+0.3300i	0.3122-0.0275i	-0.0926+0.0480i
20.0	0.1533+0.1875i	-0.0952-0.0263i	0.4662+0.2912i	0.3242+0.1511i	-0.8084+0.2736i	-0.3296+0.3196i	0.3136-0.0456i	-0.0985+0.0694i
20.1	0.1558+0.1920i	-0.0699-0.0472i	0.4619+0.2973i	0.3267+0.1534i	-0.7870+0.2728i	-0.3680+0.3332i	0.3201-0.0668i	-0.1036+0.0870i
20.2	0.1552+0.1970i	-0.0487-0.0715i	0.4610+0.3067i	0.3306+0.1563i	-0.7903+0.2445i	-0.4061+0.3629i	0.3192-0.0856i	-0.1043+0.0927i
20.3	0.1549+0.2036i	-0.0323-0.1052i	0.4773+0.3149i	0.3472+0.1489i	-0.8202+0.3019i	-0.4277+0.4204i	0.3169-0.1068i	-0.1027+0.1075i
20.4	0.1555+0.2093i	-0.0248-0.1359i	0.4939+0.3180i	0.3552+0.1406i	-0.8652+0.2893i	-0.4363+0.4610i	0.3054-0.1204i	-0.0870+0.1121i
20.5	0.1597+0.2189i	-0.0218-0.1821i	0.4996+0.3175i	0.3692+0.1326i	-0.8929+0.3002i	-0.4433+0.5019i	0.2890-0.1249i	-0.0744+0.1185i
20.6	0.1643+0.2264i	-0.0267-0.2401i	0.5001+0.3072i	0.3831+0.1131i	-0.9197+0.3276i	-0.4595+0.5491i	0.2862-0.1368i	-0.0783+0.1287i
20.7	0.1677+0.2353i	-0.0289-0.2951i	0.4976+0.3131i	0.3847+0.0964i	-0.9286+0.4250i	-0.4662+0.6013i	0.2906-0.1471i	-0.0731+0.1505i
20.8	0.1789+0.2518i	-0.0775-0.3641i	0.5081+0.3201i	0.3836+0.0827i	-0.9542+0.4854i	-0.4370+0.6519i	0.2887-0.1604i	-0.0595+0.1553i
20.9	0.1919+0.2581i	-0.1256-0.4051i	0.4979+0.3271i	0.3799+0.0691i	-0.9416+0.5125i	-0.4463+0.6474i	0.2898-0.1819i	-0.0523+0.1440i
21.0	0.2071+0.2603i	-0.1885-0.4408i	0.4837+0.3502i	0.3785+0.0559i	-0.9264+0.5786i	-0.4805+0.7047i	0.2794-0.2051i	-0.0401+0.1502i
21.1	0.2191+0.2611i	-0.2677-0.4552i	0.4981+0.3825i	0.3716+0.0512i	-0.9081+0.5905i	-0.4806+0.7622i	0.2626-0.2096i	-0.0278+0.1518i
21.2	0.2297+0.2604i	-0.3493-0.4725i	0.5120+0.4289i	0.3607+0.0400i	-0.9124+0.6333i	-0.4678+0.8659i	0.2529-0.2099i	-0.0173+0.1571i
21.3	0.2355+0.2555i	-0.4001-0.4590i	0.5267+0.4845i	0.3582+0.0365i	-0.9066+0.6430i	-0.4440+0.9650i	0.2475-0.2317i	-0.0114+0.1451i
21.4	0.2456+0.2544i	-0.4876-0.4526i	0.5838+0.5336i	0.3401+0.0368i	-0.8825+0.6090i	-0.3661+1.0370i	0.2276-0.2444i	-0.0009+0.1465i
21.5	0.2565+0.2478i	-0.5771-0.4111i	0.6478+0.5480i	0.3372+0.0341i	-0.9240+0.6308i	-0.3099+1.0681i	0.2141-0.2583i	0.0006+0.1406i
21.6	0.2631+0.2422i	-0.6324-0.3596i	0.7173+0.5687i	0.3422+0.0320i	-0.9613+0.7026i	-0.2416+1.1387i	0.1674-0.2765i	-0.0015+0.1350i
21.7	0.2661+0.2404i	-0.6638-0.3116i	0.7663+0.5778i	0.3442+0.0351i	-1.0023+0.7431i	-0.1850+1.1732i	0.1493-0.2704i	-0.0027+0.1350i
21.8	0.2704+0.2356i	-0.6956-0.2484i	0.8274+0.5746i	0.3483+0.0324i	-1.0496+0.7812i	-0.1181+1.2113i	0.1252-0.2431i	-0.0070+0.1392i
21.9	0.2697+0.2331i	-0.7266-0.1763i	0.9003+0.5640i	0.3583+0.0312i	-1.1405+0.8740i	-0.0473+1.2458i	0.1095-0.2413i	-0.0094+0.1373i
22.0	0.2722+0.2306i	-0.7702-0.1080i	0.9755+0.5386i	0.3658+0.0212i	-1.1853+0.9823i	0.0151+1.2540i	0.0936-0.2270i	-0.0090+0.1442i
22.1	0.2692+0.2293i	-0.8022-0.0174i	1.0319+0.4730i	0.3714+0.0137i	-1.3134+1.1091i	0.0451+1.2343i	0.0914-0.2020i	-0.0122+0.1533i
22.2	0.2725+0.2350i	-0.8053+0.0504i	1.0835+0.4242i	0.3745-0.0021i	-1.3156+1.2822i	0.1031+1.2391i	0.0889-0.1998i	-0.0083+0.1652i
22.3	0.2749+0.2419i	-0.7959+0.1603i	1.1163+0.3670i	0.3825-0.0307i	-1.2709+1.6010i	0.1484+1.2997i	0.0972-0.2093i	0.0098+0.1864i
22.4	0.2779+0.2571i	-0.7856+0.2675i	1.1409+0.3049i	0.3884-0.0609i	-1.2655+1.9550i	0.1944+1.3644i	0.0832-0.2210i	0.0252+0.2129i
22.5	0.2875+0.2715i	-0.7627+0.3724i	1.1628+0.2427i	0.3785-0.0878i	-1.1657+2.2922i	0.2617+1.4202i	0.0690-0.2245i	0.0454+0.2210i
22.6	0.3030+0.2813i	-0.6779+0.5074i	1.1538+0.1477i	0.3506-0.1157i	-0.8630+2.6059i	0.3566+1.4543i	0.0529-0.1956i	0.0745+0.2159i
22.7	0.3261+0.2803i	-0.5525+0.5791i	1.1281+0.0993i	0.3140-0.1303i	-0.3783+2.8077i	0.4940+1.4532i	0.0338-0.1864i	0.1022+0.2097i
22.8	0.3524+0.2780i	-0.4415+0.6294i	1.1007+0.0640i	0.2815-0.1345i	0.0630+2.8996i	0.6104+1.4403i	0.0342-0.1777i	0.1178+0.2078i
22.9	0.3847+0.2635i	-0.2386+0.6445i	1.0501+0.0374i	0.2362-0.1357i	0.7047+2.7701i	0.7608+1.3973i	0.0256-0.1385i	0.1451+0.1944i
23.0	0.4019+0.2401i	-0.1220+0.5816i	1.0261+0.0425i	0.2063-0.1209i	1.0847+2.4923i	0.8512+1.3391i	0.0128-0.1281i	0.1583+0.1699i
23.1	0.4089+0.2140i	-0.0247+0.4803i	1.0383+0.0480i	0.1815-0.0922i	1.3223+2.1189i	0.9984+1.2044i	0.0028-0.1089i	0.1924+0.1473i
23.2	0.4094+0.1983i	0.0325+0.4179i	1.0424+0.0356i	0.1676-0.0682i	1.4652+1.8276i	1.0435+1.0818i	0.0178-0.0726i	0.1977+0.1265i
23.3	0.4091+0.1781i	0.0586+0.3389i	1.0441+0.0235i	0.1627-0.0466i	1.5225+1.5059i	1.0427+0.9798i	0.0311-0.0411i	0.1956+0.1046i
23.4	0.4027+0.1600i	0.0858+0.2574i	1.0447+0.0091i	0.1604-0.0257i	1.5261+1.2239i	1.0203+0.8801i	0.0406-0.0112i	0.1982+0.0768i
23.5	0.4012+0.1488i	0.1119+0.1965i	1.0505-0.0122i	0.1585-0.0108i	1.5602+1.0455i	1.0235+0.8001i	0.0461+0.0243i	0.2022+0.0520i
23.6	0.3951+0.1405i	0.0878+0.1494i	1.0485-0.0371i	0.1617+0.0039i	1.4507+0.8525i	1.0011+0.7449i	0.0797+0.0495i	0.1942+0.0363i
23.7	0.3880+0.1345i	0.0676+0.0832i	1.0493-0.0549i	0.1691+0.0165i	1.3465+0.6274i	0.9694+0.6940i	0.1046+0.0363i	0.1872+0.0230i
23.8	0.3860+0.1293i	0.0564+0.0513i	1.0471-0.0722i	0.1754+0.0284i	1.2944+0.5309i	0.9376+0.6644i	0.1600+0.0533i	0.1687+0.0070i
23.9	0.3835+0.1258i	0.0257+0.0415i	1.0423-0.0923i	0.1812+0.0381i	1.1742+0.4585i	0.9089+0.6501i	0.2007+0.0698i	0.1497-0.0018i
24.0	0.3832+0.1229i	0.0091+0.0167i	1.0380-0.1052i	0.1873+0.0428i	1.1256+0.3703i	0.8961+0.6219i	0.2418+0.0601i	0.1350-0.0193i
24.1	0.3806+0.1196i	0.0002+0.0071i	1.0315-0.1232i	0.1931+0.0490i	1.0804+0.3318i	0.8881+0.6240i	0.2524+0.0218i	0.1259-0.0160i
24.2	0.3769+0.1151i	-0.0017-0.0083i	1.0334-0.1376i	0.2005+0.0542i	0.9683+0.2337i	0.8816+0.6259i	0.2534+0.0086i	0.1084-0.0127i
24.3	0.3743+0.1101i	-0.0184-0.0196i	1.0313-0.1517i	0.2082+0.0553i	0.8994+0.1770i	0.8737+0.5970i	0.2792+0.0248i	0.1031-0.0182i
24.4	0.3725+0.1038i	-0.0200-0.0256i	1.0173-0.1683i	0.2113+0.0527i	0.8709+0.1931i	0.8515+0.6224i	0.3413+0.0302i	0.0925-0.0118i
24.5	0.3709+0.1016i	-0.0311-0.0294i	1.0218-0.1798i	0.2128+0.0508i	0.8913+0.2042i	0.8412+0.6081i	0.4146+0.0121i	0.0938-0.0172i

24.6	0.3666+0.0964i	-0.0479-0.0364i	1.0163-0.1927i	0.2125+0.0507i	0.8204+0.1576i	0.8607+0.6221i	0.4613-0.0548i	0.0852-0.0033i
24.7	0.3607+0.0942i	-0.0525-0.0482i	1.0163-0.2009i	0.2079+0.0537i	0.8019+0.1457i	0.9153+0.6272i	0.5022-0.1415i	0.0891+0.0093i
24.8	0.3555+0.0932i	-0.0496-0.0575i	1.0177-0.2124i	0.2073+0.0612i	0.7707+0.0728i	0.9616+0.5886i	0.5067-0.2770i	0.1045+0.0102i
24.9	0.3549+0.0928i	-0.0551-0.0516i	1.0047-0.2333i	0.2106+0.0690i	0.6918+0.0869i	0.9592+0.5294i	0.4125-0.3319i	0.1303-0.0113i
25.0	0.3507+0.0944i	-0.0523-0.0679i	1.0066-0.2456i	0.2135+0.0747i	0.6636+0.0791i	0.9551+0.4847i	0.3585-0.3256i	0.1150-0.0235i
25.1	0.3505+0.0940i	-0.0507-0.0680i	1.0038-0.2559i	0.2209+0.0816i	0.6685+0.0621i	0.9484+0.4457i	0.3523-0.3429i	0.1063-0.0204i
25.2	0.3513+0.0944i	-0.0479-0.0692i	1.0033-0.2677i	0.2251+0.0865i	0.6436+0.0309i	0.9127+0.4073i	0.2968-0.3969i	0.1044-0.0279i
25.3	0.3503+0.0958i	-0.0461-0.0796i	1.0120-0.2770i	0.2339+0.0934i	0.6000-0.0140i	0.8696+0.3843i	0.2137-0.4027i	0.0991-0.0293i
25.4	0.3487+0.0935i	-0.0358-0.0926i	1.0069-0.2957i	0.2402+0.0953i	0.5750-0.0486i	0.8436+0.3987i	0.1707-0.3654i	0.1040-0.0388i
25.5	0.3480+0.0907i	-0.0305-0.1103i	1.0101-0.3153i	0.2432+0.0949i	0.5625-0.0370i	0.8073+0.4187i	0.1331-0.3160i	0.0845-0.0356i
25.6	0.3479+0.0942i	-0.0308-0.1226i	1.0205-0.3377i	0.2463+0.1003i	0.5910-0.0330i	0.7735+0.4252i	0.1385-0.2883i	0.0773-0.0288i
25.7	0.3453+0.0970i	-0.0197-0.1462i	1.0053-0.3664i	0.2577+0.1057i	0.5913-0.0921i	0.7470+0.4536i	0.1460-0.2813i	0.0754-0.0435i
25.8	0.3453+0.0990i	-0.0138-0.1756i	1.0018-0.3670i	0.2719+0.1093i	0.5196-0.1052i	0.7230+0.5142i	0.1490-0.2607i	0.0768-0.0304i
25.9	0.3466+0.0990i	-0.0229-0.1912i	1.0187-0.3648i	0.2851+0.1099i	0.4765-0.0907i	0.7189+0.5828i	0.1801-0.2390i	0.0929-0.0279i
26.0	0.3443+0.1006i	-0.0262-0.2189i	1.0437-0.4051i	0.2984+0.1047i	0.4739-0.0808i	0.7655+0.6255i	0.1788-0.2571i	0.0825-0.0433i
26.1	0.3417+0.1035i	-0.0375-0.2475i	1.0378-0.4595i	0.3054+0.0986i	0.4139-0.0933i	0.8018+0.6290i	0.1496-0.2453i	0.0677-0.0463i
26.2	0.3427+0.1070i	-0.0579-0.2846i	1.0187-0.5102i	0.3113+0.0826i	0.3644-0.1503i	0.8291+0.6508i	0.1366-0.2349i	0.0589-0.0430i
26.3	0.3447+0.1083i	-0.0674-0.3056i	0.9971-0.5536i	0.3190+0.0746i	0.3436-0.1457i	0.8256+0.6774i	0.1366-0.2176i	0.0435-0.0403i
26.4	0.3451+0.1072i	-0.0894-0.3285i	0.9590-0.5796i	0.3191+0.0648i	0.2950-0.1552i	0.8412+0.7177i	0.1678-0.1789i	0.0384-0.0415i
26.5	0.3437+0.1105i	-0.1118-0.3523i	0.9273-0.6096i	0.3189+0.0569i	0.2857-0.1791i	0.8923+0.7495i	0.1894-0.1880i	0.0281-0.0471i
26.6	0.3441+0.1142i	-0.1372-0.3735i	0.8886-0.6485i	0.3184+0.0521i	0.2581-0.1658i	0.9364+0.7832i	0.1993-0.1932i	0.0200-0.0290i
26.7	0.3474+0.1177i	-0.1565-0.3998i	0.8618-0.6789i	0.3167+0.0504i	0.2369-0.1447i	0.9607+0.8437i	0.1833-0.2184i	0.0116-0.0171i
26.8	0.3496+0.1242i	-0.1924-0.4223i	0.8451-0.6837i	0.3152+0.0454i	0.1926-0.1965i	1.0477+0.8748i	0.2557-0.2122i	0.0398+0.0060i
26.9	0.3504+0.1343i	-0.2186-0.4461i	0.8152-0.7133i	0.3144+0.0399i	0.1853-0.2118i	1.1305+0.8860i	0.2569-0.2195i	0.0361+0.0080i
27.0	0.3554+0.1445i	-0.2635-0.4789i	0.7677-0.7495i	0.3167+0.0303i	0.1966-0.2131i	1.2045+0.9054i	0.2261-0.2555i	0.0389+0.0026i
27.1	0.3636+0.1487i	-0.3229-0.5057i	0.7073-0.7795i	0.3152+0.0219i	0.1222-0.1796i	1.2962+0.9429i	0.2295-0.2735i	0.0394+0.0252i
27.2	0.3737+0.1534i	-0.3988-0.5235i	0.6278-0.8179i	0.3092+0.0143i	0.0275-0.1381i	1.4261+0.9837i	0.2098-0.3213i	0.0449+0.0094i
27.3	0.3813+0.1573i	-0.4814-0.5030i	0.5464-0.8086i	0.2987+0.0104i	-0.0190-0.0864i	1.5671+0.9559i	0.1875-0.3512i	0.0827+0.0055i
27.4	0.3924+0.1616i	-0.5556-0.4956i	0.4536-0.8051i	0.2872+0.0098i	-0.0684-0.0434i	1.7221+0.9278i	0.1364-0.3302i	0.0856+0.0093i
27.5	0.4088+0.1591i	-0.6326-0.4457i	0.3701-0.7514i	0.2772+0.0150i	-0.0667-0.0075i	1.8620+0.8227i	0.1254-0.2917i	0.0848+0.0095i
27.6	0.4203+0.1611i	-0.6946-0.3942i	0.2930-0.6889i	0.2716+0.0246i	-0.0723+0.0449i	1.9815+0.7147i	0.1377-0.2846i	0.1067-0.0050i
27.7	0.4302+0.1604i	-0.7209-0.2933i	0.2427-0.5736i	0.2640+0.0456i	-0.0694+0.1453i	2.0929+0.5258i	0.1322-0.2238i	0.1108+0.0058i
27.8	0.4354+0.1560i	-0.7316-0.2291i	0.2230-0.4945i	0.2609+0.0543i	-0.0202+0.1448i	2.1653+0.3787i	0.1043-0.2103i	0.1080-0.0024i
27.9	0.4457+0.1495i	-0.7203-0.1619i	0.2245-0.4306i	0.2639+0.0659i	0.0199+0.1913i	2.1804+0.2318i	0.1264-0.1868i	0.0988-0.0082i
28.0	0.4513+0.1467i	-0.6962-0.1179i	0.2418-0.3592i	0.2721+0.0784i	0.0537+0.2293i	2.1620+0.0837i	0.1308-0.1957i	0.1128-0.0242i
28.1	0.4598+0.1486i	-0.6557-0.0749i	0.2472-0.2728i	0.2828+0.0959i	0.1289+0.2179i	2.1234-0.1058i	0.1026-0.1754i	0.1104-0.0418i
28.2	0.4772+0.1500i	-0.6399-0.0502i	0.2856-0.1970i	0.3051+0.1121i	0.1432+0.2443i	2.0728-0.2127i	0.0503-0.1540i	0.0957-0.0675i
28.3	0.4957+0.1411i	-0.6196-0.0392i	0.3614-0.1740i	0.3400+0.1024i	0.1593+0.2270i	2.0371-0.2875i	0.0690-0.0534i	0.0727-0.0790i
28.4	0.4981+0.1298i	-0.5972-0.0364i	0.4059-0.1829i	0.3521+0.0861i	0.1602+0.2143i	2.0038-0.3716i	0.1125-0.0384i	0.0754-0.0655i
28.5	0.5056+0.1229i	-0.5872-0.0423i	0.4323-0.1737i	0.3561+0.0725i	0.1983+0.1870i	1.9708-0.4197i	0.1818-0.1078i	0.1115-0.0580i
28.6	0.5093+0.1194i	-0.5759-0.0495i	0.4586-0.1565i	0.3619+0.0649i	0.2455+0.1862i	1.9415-0.4971i	0.2109-0.0467i	0.0909-0.0589i
28.7	0.5150+0.1170i	-0.5857-0.0658i	0.4791-0.1372i	0.3623+0.0561i	0.2458+0.1610i	1.9060-0.5883i	0.1877-0.0068i	0.0914-0.0775i
28.8	0.5278+0.1172i	-0.6018-0.0732i	0.5031-0.1279i	0.3639+0.0471i	0.2251+0.1598i	1.8671-0.6691i	0.2243+0.0701i	0.0962-0.0636i
28.9	0.5398+0.1124i	-0.6126-0.0861i	0.5310-0.1164i	0.3675+0.0373i	0.2557+0.1377i	1.8222-0.7670i	0.3331+0.1564i	0.0828-0.0681i
29.0	0.5447+0.1083i	-0.6170-0.0927i	0.5560-0.1078i	0.3642+0.0305i	0.3078+0.1424i	1.7682-0.8611i	0.3908+0.2041i	0.0647-0.0735i
29.1	0.5551+0.1010i	-0.6444-0.0853i	0.5798-0.0995i	0.3589+0.0234i	0.2802+0.1021i	1.7043-0.9227i	0.5267+0.1696i	0.0669-0.0693i
29.2	0.5736+0.0942i	-0.6869-0.0771i	0.6213-0.1045i	0.3552+0.0192i	0.2496+0.0609i	1.6115-1.0161i	0.6244+0.2102i	0.0570-0.0858i
29.3	0.5809+0.0949i	-0.7095-0.0767i	0.6488-0.1002i	0.3519+0.0203i	0.2733+0.0583i	1.5591-1.0796i	0.6558+0.2540i	0.0537-0.0875i
29.4	0.5874+0.0811i	-0.7377-0.0643i	0.6759-0.1027i	0.3457+0.0166i	0.2709+0.0271i	1.4448-1.1484i	0.8054+0.2251i	0.0421-0.1005i
29.5	0.6029+0.0684i	-0.7721-0.0582i	0.7012-0.0975i	0.3427+0.0096i	0.2739+0.0439i	1.3386-1.2120i	0.9739+0.1789i	0.0308-0.0958i
29.6	0.6139+0.0607i	-0.8044-0.0507i	0.7321-0.0978i	0.3428+0.0070i	0.2011+0.0546i	1.2314-1.2335i	1.1023+0.1647i	0.0196-0.0942i
29.7	0.6251+0.0411i	-0.8446-0.0292i	0.7643-0.0826i	0.3362+0.0068i	0.1607+0.0205i	1.1325-1.2311i	1.2678+0.0331i	0.0154-0.0897i
29.8	0.6300+0.0218i	-0.8840+0.0041i	0.8096-0.0876i	0.3298+0.0013i	0.1914+0.0315i	1.0611-1.2410i	1.3907-0.1716i	0.0208-0.1020i
29.9	0.6380+0.0047i	-0.9256+0.0594i	0.8509-0.1017i	0.3257+0.0103i	0.2001+0.0215i	0.9654-1.2612i	1.5905-0.4231i	0.0157-0.1043i
30.0	0.6401-0.0091i	-0.9490+0.0944i	0.8945-0.1150i	0.3227+0.0121i	0.1957+0.0704i	0.8835-1.2784i	1.6661-0.4690i	-0.0064-0.1079i
30.1	0.6405-0.0297i	-1.0057+0.1561i	0.9621-0.1507i	0.3097+0.0085i	0.1601+0.0507i	0.7418-1.2634i	1.7440-0.7150i	-0.0271-0.0921i
30.2	0.6392-0.0423i	-1.0302+0.2329i	1.0134-0.2055i	0.2984+0.0180i	0.1523+0.0232i	0.6246-1.2244i	1.7257-1.0074i	-0.0277-0.0966i
30.3	0.6329-0.0518i	-1.0405+0.3027i	1.0676-0.2807i	0.2894+0.0215i	0.1502+0.0575i	0.5756-1.1946i	1.6819-1.2269i	-0.0251-0.0850i
30.4	0.6246-0.0506i	-1.0086+0.3750i	1.0625-0.3771i	0.2856+0.0419i	0.1819+0.0864i	0.5450-1.1791i	1.5198-1.5293i	-0.0143-0.0618i
30.5	0.6347-0.0555i	-0.9838+0.4185i	1.0195-0.4352i	0.2898+0.0537i	0.2400+0.0872i	0.4691-1.1842i	1.4036-1.7272i	-0.0161-0.0641i
30.6	0.6587-0.0698i	-0.9924+0.4466i	1.0003-0.4598i	0.2987+0.0554i	0.2043+0.0619i	0.3401-1.2001i	1.2439-1.9627i	-0.0228-0.0591i
30.7	0.6671-0.0849i	-1.0166+0.4550i	0.9999-0.4594i	0.2936+0.0526i	0.1773+0.0430i	0.2523-1.1553i	1.1394-2.1291i	-0.0105-0.0528i
30.8	0.6829-0.1011i	-1.0920+0.5351i	1.0311-0.4855i	0.2826+0.0778i	0.1756+0.0482i	0.1224-1.0829i	0.9731-2.2205i	-0.0125-0.0452i

30.9	0.6845-0.1282i	-1.0852+0.6193i	1.0369-0.5389i	0.2827+0.0829i	0.1742+0.0390i	0.0471-0.9992i	0.7016-2.3640i	-0.0114-0.0397i
31.0	0.6693-0.1481i	-1.0693+0.7101i	1.0395-0.5841i	0.2740+0.0989i	0.1811+0.0442i	-0.0486-0.9228i	0.4137-2.3742i	-0.0111-0.0406i
31.1	0.6605-0.1900i	-1.0759+0.8664i	1.0167-0.6553i	0.2562+0.1231i	0.1818+0.0446i	-0.1467-0.8204i	0.1953-2.4491i	-0.0110-0.0405i
31.2	0.6523-0.2104i	-1.0378+0.9651i	0.9752-0.6825i	0.2554+0.1494i	0.1861+0.0636i	-0.2021-0.7238i	-0.0942-2.5502i	0.0101-0.0329i
31.3	0.6647-0.2132i	-1.0326+1.0601i	0.9823-0.7292i	0.2684+0.1886i	0.1661+0.0595i	-0.2665-0.6198i	-0.3104-2.4452i	0.0001-0.0408i
31.4	0.6552-0.2256i	-0.9927+1.1775i	0.9846-0.7625i	0.2730+0.2352i	0.1445+0.0601i	-0.2943-0.5148i	-0.5043-2.4736i	-0.0047-0.0541i
31.5	0.6508-0.2398i	-0.9425+1.3364i	0.9801-0.8036i	0.2887+0.2919i	0.1584+0.1491i	-0.3265-0.4075i	-0.7400-2.2404i	0.0036-0.0437i
31.6	0.6298-0.2823i	-0.8216+1.5200i	0.9393-0.8549i	0.3171+0.3315i	0.2152+0.2040i	-0.3542-0.2616i	-0.8735-2.1756i	-0.0177-0.0337i
31.7	0.5823-0.3312i	-0.5777+1.6850i	0.8654-0.9027i	0.3706+0.3597i	0.2707+0.1450i	-0.3293-0.0851i	-0.8718-2.0687i	-0.0248-0.0417i
31.8	0.5462-0.3349i	-0.4127+1.8107i	0.8471-0.9451i	0.4098+0.4133i	0.3027+0.1539i	-0.2931+0.0058i	-1.1113-1.8524i	-0.0126-0.0647i
31.9	0.4720-0.3176i	-0.2046+1.8345i	0.8135-0.9242i	0.4304+0.4472i	0.3021+0.1703i	-0.2006+0.0454i	-1.2309-1.7149i	-0.0216-0.0726i
32.0	0.4488-0.2884i	-0.0004+1.8077i	0.7850-0.9307i	0.4989+0.4744i	0.3125+0.1457i	-0.1624+0.1231i	-1.2175-1.7335i	-0.0306-0.0574i
32.1	0.4393-0.3048i	0.3482+1.7839i	0.7117-1.0202i	0.6385+0.4480i	0.3917+0.0843i	-0.1925+0.3146i	-1.2690-1.5757i	-0.0620-0.0449i
32.2	0.3975-0.2909i	0.5959+1.7140i	0.6508-1.0431i	0.7070+0.4384i	0.3923+0.0403i	-0.1391+0.4292i	-1.3373-1.3830i	-0.0743-0.0447i
32.3	0.3734-0.2482i	0.7070+1.5651i	0.6166-1.0130i	0.7379+0.4219i	0.4210+0.0332i	-0.0367+0.4760i	-1.3503-1.2208i	-0.0753-0.0335i
32.4	0.3552-0.2140i	0.8207+1.3751i	0.5694-0.9907i	0.7756+0.3762i	0.4077-0.0381i	0.0732+0.5830i	-1.3909-1.2485i	-0.0826-0.0130i
32.5	0.3504-0.1776i	1.0227+1.1540i	0.5343-1.0245i	0.8676+0.3094i	0.3967-0.0822i	0.1239+0.7069i	-1.4244-1.2684i	-0.0925+0.0083i
32.6	0.3636-0.1229i	1.0174+0.9460i	0.5262-1.0192i	0.8851+0.2717i	0.3634-0.1089i	0.2337+0.7549i	-1.4426-0.9340i	-0.0856+0.0118i
32.7	0.3718-0.0843i	1.0579+0.7325i	0.4738-1.0013i	0.9166+0.2130i	0.3382-0.1638i	0.3447+0.7899i	-1.5342-0.8128i	-0.0766+0.0268i
32.8	0.3825-0.0286i	1.0867+0.5236i	0.4371-1.0028i	0.9438+0.1732i	0.3201-0.1901i	0.4366+0.8349i	-1.5117-0.7319i	-0.0677+0.0579i
32.9	0.3950+0.0483i	0.9774+0.3494i	0.4612-0.9636i	0.9058+0.1721i	0.2630-0.1684i	0.5176+0.8032i	-1.4184-0.5827i	-0.0544+0.0651i
33.0	0.4236+0.0436i	0.9175+0.2655i	0.3932-0.9096i	0.9082+0.1308i	0.2340-0.2177i	0.6515+0.8428i	-1.3279-0.4631i	-0.0368+0.0637i
33.1	0.4461+0.0359i	0.8530+0.1843i	0.3637-0.8601i	0.9053+0.0872i	0.1896-0.1672i	0.7858+0.8503i	-1.2750-0.3523i	-0.0264+0.0613i
33.2	0.4786+0.0810i	0.7789+0.0542i	0.3716-0.8095i	0.9184+0.0661i	0.1926-0.1629i	0.9334+0.8645i	-1.1274-0.4039i	-0.0126+0.0843i
33.3	0.4830+0.0752i	0.7413+0.0339i	0.3971-0.7525i	0.9056+0.0461i	0.1746-0.1965i	1.0479+0.8138i	-1.0353-0.3866i	-0.0095+0.0751i
33.4	0.5153+0.0965i	0.7212-0.0974i	0.4413-0.7566i	0.9287-0.0083i	0.1750-0.1385i	1.1682+0.7977i	-1.0028-0.4000i	-0.0058+0.0778i
33.5	0.5930+0.1076i	0.6941-0.2460i	0.4336-0.8356i	0.9851-0.0839i	0.1719-0.1768i	1.2637+0.8273i	-0.9775-0.5281i	0.0045+0.1158i
33.6	0.6398+0.1328i	0.5077-0.3102i	0.4593-0.8341i	0.9283-0.0993i	0.1637-0.1814i	1.4047+0.7209i	-1.0007-0.5728i	0.0339+0.1185i
33.7	0.6995+0.1857i	0.3849-0.4278i	0.4908-0.8713i	0.9125-0.1049i	0.1875-0.1770i	1.5006+0.6428i	-1.0020-0.5277i	0.0758+0.1178i
33.8	0.7428+0.2421i	0.2502-0.4334i	0.5629-0.9082i	0.8770-0.0429i	0.2288-0.1634i	1.5263+0.5314i	-1.0098-0.5099i	0.0970+0.1120i
33.9	0.7375+0.2020i	0.1328-0.3874i	0.5817-0.9062i	0.7920-0.0353i	0.1840-0.1576i	1.5707+0.4120i	-1.0520-0.5010i	0.1122+0.0826i
34.0	0.8312+0.1973i	0.0008-0.3155i	0.6044-1.0062i	0.8078+0.0184i	0.2548-0.2401i	1.6080+0.3211i	-1.0532-0.4786i	0.1238+0.0601i
34.1	0.9403+0.1618i	-0.0747-0.2436i	0.5622-1.1456i	0.8836+0.0381i	0.2155-0.2984i	1.5941+0.2514i	-1.0681-0.4141i	0.1127+0.0236i
34.2	1.0129+0.1386i	-0.0905-0.1535i	0.5007-1.2472i	0.9699+0.0823i	0.1783-0.3114i	1.5487+0.1812i	-1.1287-0.4486i	0.1057+0.0044i
34.3	1.1595+0.1633i	-0.1241-0.0771i	0.4731-1.4202i	1.1250+0.1649i	0.1701-0.2850i	1.5084+0.1219i	-1.1295-0.4121i	0.1011-0.0076i
34.4	1.2405+0.0837i	-0.0957-0.0399i	0.2854-1.5153i	1.2424+0.1015i	0.1220-0.2770i	1.5212+0.1266i	-1.1033-0.3084i	0.1075+0.0020i
34.5	1.2620+0.0825i	-0.0679-0.0111i	0.2185-1.5096i	1.2977+0.1135i	0.1072-0.2870i	1.5025+0.1109i	-1.1410-0.2966i	0.0974+0.0042i
34.6	1.3951+0.0550i	-0.0704+0.0106i	0.0992-1.5877i	1.4562+0.0880i	0.0837-0.2882i	1.5234+0.1400i	-1.0356-0.2169i	0.0909+0.0176i
34.7	1.4077+0.0000i	-0.0803-0.0161i	-0.0347-1.5199i	1.4746+0.0156i	0.1017-0.2750i	1.6096+0.1681i	-0.9435-0.2341i	0.0823+0.0225i
34.8	1.4491-0.1337i	-0.0796-0.0450i	-0.1987-1.4576i	1.5230-0.1511i	0.0573-0.3074i	1.6690+0.1917i	-0.9003-0.2682i	0.0895+0.0320i
34.9	1.5994-0.2950i	-0.0874-0.0660i	-0.4049-1.5003i	1.6762-0.3562i	0.0130-0.2858i	1.7392+0.2411i	-0.8586-0.2682i	0.0997+0.0459i
35.0	1.6288-0.3395i	-0.1039-0.0797i	-0.4792-1.4444i	1.6993-0.4220i	-0.0058-0.2578i	1.8278+0.2084i	-0.8118-0.3368i	0.1102+0.0648i
35.1	1.6471-0.4548i	-0.1717-0.1354i	-0.6094-1.3432i	1.6727-0.5909i	-0.0582-0.2514i	2.0127+0.1728i	-0.7758-0.3926i	0.1277+0.0904i
35.2	1.7221-0.5179i	-0.2244-0.1569i	-0.6878-1.3211i	1.7189-0.6818i	-0.0312-0.2504i	2.1290+0.1476i	-0.7669-0.4889i	0.1336+0.1054i
35.3	1.7617-0.6427i	-0.3185-0.1322i	-0.8019-1.2042i	1.6898-0.8085i	0.0006-0.2120i	2.2872-0.0221i	-0.8816-0.5804i	0.1966+0.1071i
35.4	1.7236-0.8020i	-0.4095-0.0602i	-0.8985-1.0155i	1.5713-0.9323i	-0.0225-0.1897i	2.4034-0.2569i	-1.0152-0.5692i	0.2603+0.0720i
35.5	1.7214-0.9037i	-0.4890-0.0039i	-0.9307-0.8731i	1.5141-1.0031i	-0.0950-0.1910i	2.4669-0.4843i	-1.1220-0.5127i	0.2804+0.0272i
35.6	1.7142-1.0456i	-0.5952+0.1010i	-0.9625-0.7244i	1.4210-1.0831i	-0.0669-0.2535i	2.5312-0.7983i	-1.2042-0.5750i	0.3119-0.0114i
35.7	1.6615-1.2040i	-0.6223+0.2499i	-0.9858-0.5479i	1.3233-1.1359i	0.0042-0.1977i	2.4590-1.0858i	-1.3307-0.5219i	0.3288-0.0828i
35.8	1.6437-1.3378i	-0.6044+0.4129i	-0.9734-0.4164i	1.3101-1.1497i	-0.0539-0.2548i	2.2992-1.3806i	-1.4258-0.3922i	0.3307-0.1519i
35.9	1.5888-1.4378i	-0.5120+0.5300i	-0.8974-0.3284i	1.3181-1.1568i	-0.0977-0.2807i	2.0512-1.5561i	-1.4927-0.3052i	0.2979-0.1808i
36.0	1.5068-1.5404i	-0.3848+0.6239i	-0.7899-0.2736i	1.3247-1.1962i	-0.1517-0.2513i	1.7200-1.6542i	-1.4743-0.1976i	0.2385-0.2204i
36.1	1.4107-1.6605i	-0.2488+0.6721i	-0.7287-0.2114i	1.3176-1.2867i	-0.2199-0.2284i	1.3750-1.6640i	-1.4604-0.1179i	0.1854-0.2271i
36.2	1.3238-1.6846i	-0.1165+0.6369i	-0.6839-0.2072i	1.3191-1.3305i	-0.2389-0.2475i	1.1425-1.5835i	-1.4406-0.0865i	0.1431-0.2112i
36.3	1.2364-1.7404i	-0.0205+0.5971i	-0.6597-0.1985i	1.2879-1.4108i	-0.2519-0.2440i	0.9693-1.4366i	-1.4479-0.0349i	0.1229-0.1914i
36.4	1.1696-1.7971i	0.0422+0.5422i	-0.6466-0.1791i	1.2602-1.4997i	-0.2556-0.1338i	0.8519-1.2975i	-1.4455+0.0396i	0.1156-0.1873i
36.5	1.0958-1.8403i	0.0660+0.4700i	-0.6241-0.1307i	1.2039-1.5861i	-0.2754-0.0720i	0.8096-1.1394i	-1.4181+0.1153i	0.1033-0.1631i
36.6	1.0344-1.8844i	0.0708+0.4345i	-0.6091-0.0945i	1.1396-1.6474i	-0.3038-0.0467i	0.7711-1.0508i	-1.3801+0.1594i	0.0902-0.1428i
36.7	0.9853-1.9542i	0.0653+0.4249i	-0.5864-0.0624i	1.0827-1.7162i	-0.3251-0.0103i	0.7210-0.9422i	-1.3619+0.2354i	0.0977-0.1368i
36.8	0.9338-2.0312i	0.0502+0.3981i	-0.5549-0.0222i	1.0242-1.8072i	-0.2849+0.0130i	0.7076-0.8328i	-1.4048+0.3117i	0.1157-0.1433i
36.9	0.8794-2.1133i	0.0615+0.4053i	-0.5193+0.0026i	0.9691-1.8822i	-0.2712+0.0516i	0.6438-0.7387i	-1.3721+0.3729i	0.1160-0.1279i
37.0	0.8158-2.1457i	0.0685+0.4019i	-0.4891+0.0036i	0.9067-1.9046i	-0.2646+0.0667i	0.6167-0.6060i	-1.3314+0.3652i	0.1238-0.1435i
37.1	0.7299-2.2455i	0.0715+0.4015i	-0.4651+0.0568i	0.8229-1.9903i	-0.2244+0.1076i	0.6714-0.4685i	-1.3316+0.3897i	0.1332-0.1457i

37.2	0.6548-2.3483i	0.0667+0.3957i	-0.4477+0.1012i	0.7465-2.0832i	-0.2055+0.1437i	0.7158-0.3749i	-1.2995+0.4270i	0.1314-0.1629i
37.3	0.5194-2.4273i	0.0405+0.3988i	-0.4134+0.1520i	0.5994-2.1446i	-0.1390+0.1686i	0.7900-0.3335i	-1.2728+0.5439i	0.1196-0.1918i
37.4	0.4371-2.4842i	0.0541+0.4063i	-0.3888+0.1618i	0.5303-2.1846i	-0.1469+0.2257i	0.8015-0.2806i	-1.2765+0.6034i	0.1143-0.1876i
37.5	0.3117-2.5961i	0.0832+0.4317i	-0.3434+0.1557i	0.4309-2.2668i	-0.1402+0.2733i	0.8218-0.1376i	-1.2244+0.6927i	0.0895-0.1893i
37.6	0.1608-2.6792i	0.1057+0.4733i	-0.2949+0.1533i	0.3043-2.3058i	-0.0850+0.2833i	0.8443-0.0247i	-1.1501+0.7394i	0.0681-0.1874i
37.7	-0.0404-2.7095i	0.1497+0.4927i	-0.2518+0.1402i	0.1660-2.3048i	-0.0318+0.2352i	0.9756+0.0787i	-1.0631+0.7944i	0.0702-0.1992i
37.8	-0.2214-2.7188i	0.1900+0.5232i	-0.2096+0.1482i	0.0382-2.2864i	0.0798+0.2132i	1.0944+0.1337i	-0.9526+0.7990i	0.0850-0.1712i
37.9	-0.4522-2.6808i	0.2481+0.5216i	-0.1759+0.1152i	-0.1130-2.2433i	0.1483+0.1579i	1.3184+0.2349i	-0.8849+0.7843i	0.0942-0.1575i
38.0	-0.6253-2.6498i	0.3106+0.4995i	-0.1867+0.0466i	-0.2121-2.2274i	0.1569+0.1384i	1.4777+0.3432i	-0.8032+0.7547i	0.0952-0.1500i
38.1	-0.8557-2.5610i	0.3928+0.4686i	-0.2555-0.0333i	-0.3611-2.1859i	0.1377+0.0373i	1.7162+0.3478i	-0.7041+0.6465i	0.0640-0.1090i
38.2	-0.9857-2.4860i	0.4233+0.4270i	-0.3261-0.0245i	-0.4555-2.1692i	0.1630-0.0182i	1.9029+0.2974i	-0.7513+0.5937i	0.1016-0.1130i
38.3	-1.0693-2.3589i	0.4605+0.3410i	-0.4283+0.0038i	-0.4987-2.1216i	0.1273-0.0293i	2.0895+0.2762i	-0.8075+0.5639i	0.1159-0.1202i
38.4	-1.1685-2.2474i	0.4891+0.2987i	-0.5135+0.0456i	-0.5756-2.0548i	0.1149-0.0170i	2.3315+0.2022i	-0.7862+0.5874i	0.1375-0.1137i
38.5	-1.3001-2.1919i	0.5189+0.2903i	-0.5556+0.1194i	-0.6814-2.0237i	0.0708-0.1004i	2.5581+0.1345i	-0.8380+0.6121i	0.1679-0.1228i
38.6	-1.4179-2.0811i	0.5429+0.2125i	-0.6248+0.2547i	-0.7696-1.9969i	0.0091-0.0959i	2.8483-0.0984i	-0.8339+0.6364i	0.1958-0.1430i
38.7	-1.4688-2.0179i	0.5504+0.1562i	-0.6303+0.3518i	-0.8111-1.9968i	-0.0204-0.0998i	2.9536-0.3456i	-0.8422+0.7100i	0.2210-0.2000i
38.8	-1.5784-1.9244i	0.5768+0.0976i	-0.6581+0.4773i	-0.9031-1.9650i	-0.0343-0.1492i	3.1157-0.6035i	-0.8102+0.7704i	0.2396-0.2085i
38.9	-1.6589-1.7757i	0.5500-0.0073i	-0.6273+0.6596i	-1.0096-1.9292i	-0.0726-0.1305i	3.2189-1.0153i	-0.7404+0.8043i	0.2614-0.2720i
39.0	-1.7036-1.6221i	0.5283-0.0495i	-0.5500+0.7895i	-1.0860-1.8239i	-0.0586-0.1213i	3.1622-1.3435i	-0.6995+0.7923i	0.2611-0.3044i
39.1	-1.7505-1.4972i	0.5039-0.1092i	-0.4270+0.8989i	-1.1771-1.7606i	-0.1046-0.1229i	3.0279-1.6469i	-0.6864+0.8410i	0.2524-0.3921i
39.2	-1.7700-1.4461i	0.4483-0.1507i	-0.3193+0.9837i	-1.2602-1.7533i	-0.1428-0.1333i	2.8917-1.8707i	-0.6102+0.8345i	0.2035-0.4385i
39.3	-1.8452-1.3518i	0.4094-0.1573i	-0.2111+1.0240i	-1.3861-1.6634i	-0.2165-0.1296i	2.8005-2.0076i	-0.5210+0.7777i	0.1152-0.3970i
39.4	-1.8810-1.2086i	0.3704-0.1878i	-0.0873+1.1018i	-1.4692-1.5350i	-0.2188-0.1064i	2.6297-2.2119i	-0.4851+0.7686i	0.0797-0.3640i
39.5	-1.8535-1.0803i	0.3373-0.2080i	0.0635+1.1300i	-1.4803-1.4112i	-0.2234-0.0607i	2.3834-2.3623i	-0.4896+0.7646i	0.1085-0.3793i
39.6	-1.8790-0.9769i	0.2931-0.2100i	0.1912+1.0906i	-1.5498-1.2968i	-0.2274-0.0206i	2.2230-2.3251i	-0.4856+0.7297i	0.1029-0.3737i
39.7	-1.8652-0.9026i	0.2685-0.2161i	0.2363+1.0333i	-1.5501-1.2206i	-0.2530-0.0028i	2.1794-2.3460i	-0.4738+0.7656i	0.0926-0.4285i
39.8	-1.8183-0.7935i	0.2536-0.2331i	0.3408+1.0637i	-1.5226-1.1236i	-0.2535+0.0241i	1.9894-2.5248i	-0.4721+0.7644i	0.0881-0.4388i
39.9	-1.8064-0.7158i	0.2189-0.2216i	0.4504+1.0344i	-1.5531-1.0270i	-0.3008+0.0384i	1.7696-2.5049i	-0.4174+0.7213i	0.0691-0.3977i
40.0	-1.8060-0.6569i	0.1826-0.2122i	0.5190+1.0018i	-1.5813-0.9488i	-0.2508+0.0712i	1.6612-2.4444i	-0.3342+0.6748i	0.0188-0.3582i
40.1	-1.7618-0.5700i	0.1630-0.2121i	0.5816+0.9537i	-1.5485-0.8488i	-0.2239+0.0723i	1.6006-2.4239i	-0.3350+0.6461i	0.0194-0.3324i
40.2	-1.7712-0.4908i	0.1533-0.2081i	0.6837+0.8962i	-1.5640-0.7488i	-0.2081+0.1083i	1.5121-2.3547i	-0.3748+0.6099i	0.0466-0.3470i
40.3	-1.7745-0.4504i	0.1463-0.2121i	0.7037+0.8653i	-1.5583-0.7040i	-0.2359+0.1026i	1.5083-2.3078i	-0.3753+0.5919i	0.0529-0.3814i
40.4	-1.7947-0.3622i	0.1463-0.2151i	0.7622+0.8429i	-1.5610-0.6119i	-0.2498+0.1620i	1.5088-2.3192i	-0.4383+0.5998i	0.1058-0.4264i
40.5	-1.7580-0.2890i	0.1178-0.1719i	0.8295+0.7950i	-1.5344-0.5083i	-0.2111+0.2108i	1.4543-2.3559i	-0.4013+0.5533i	0.0473-0.3829i
40.6	-1.7302-0.2201i	0.1378-0.1653i	0.8483+0.6897i	-1.4925-0.4286i	-0.2365+0.1978i	1.4629-2.2991i	-0.4254+0.5834i	0.0391-0.4283i
40.7	-1.6977-0.1552i	0.1530-0.1925i	0.8830+0.6419i	-1.4342-0.3850i	-0.2590+0.2326i	1.5229-2.3654i	-0.4891+0.6614i	0.0951-0.5321i
40.8	-1.7723-0.1383i	0.1876-0.2061i	0.8719+0.6500i	-1.4787-0.3934i	-0.2489+0.2189i	1.6464-2.4918i	-0.5594+0.6308i	0.1495-0.4851i
40.9	-1.7467-0.0333i	0.1860-0.2585i	0.9096+0.6508i	-1.4402-0.3376i	-0.2378+0.2421i	1.5825-2.6956i	-0.5950+0.6949i	0.1795-0.5606i
41.0	-1.6654+0.0751i	0.1625-0.2913i	0.9147+0.6828i	-1.3616-0.2673i	-0.2286+0.2977i	1.4539-2.8973i	-0.5679+0.7520i	0.1250-0.6262i
41.1	-1.6165+0.1494i	0.1379-0.3223i	0.9931+0.7121i	-1.3415-0.2314i	-0.1876+0.3522i	1.2454-2.9820i	-0.5098+0.8468i	0.0367-0.7187i
41.2	-1.5347+0.1702i	0.0905-0.3737i	1.1357+0.7058i	-1.2950-0.2512i	-0.1862+0.2941i	1.0097-3.0294i	-0.4964+0.8436i	0.0641-0.7231i
41.3	-1.4643+0.1898i	-0.0161-0.3375i	1.2424+0.5025i	-1.2987-0.1968i	-0.1754+0.3211i	0.6953-2.7965i	-0.4469+0.8816i	0.0225-0.7329i
41.4	-1.4904+0.2256i	-0.0121-0.2801i	1.1865+0.4253i	-1.2997-0.1406i	-0.2045+0.3794i	0.8927-2.8227i	-0.4844+0.9323i	0.0557-0.8280i
41.5	-1.4087+0.2806i	-0.0402-0.2524i	1.1892+0.5044i	-1.2668-0.1151i	-0.0876+0.4567i	0.5618-3.0579i	-0.3399+0.9674i	-0.1447-0.8316i
41.6	-1.3320+0.2640i	0.0079-0.2010i	1.2962+0.3901i	-1.2116-0.0806i	-0.0183+0.4502i	0.3533-2.6807i	-0.1894+0.9877i	-0.2491-0.8542i
41.7	-1.4320+0.3095i	0.0515-0.3059i	1.3606+0.2757i	-1.2764-0.0817i	-0.0175+0.4075i	0.5928-2.7989i	-0.2049+0.9707i	-0.3037-0.9233i
41.8	-1.4424+0.4358i	0.0041-0.3681i	1.3459+0.2260i	-1.3083-0.0037i	0.0151+0.4371i	0.3895-2.9634i	-0.2090+1.0241i	-0.3611-0.9624i
41.9	-1.3113+0.4955i	-0.0564-0.3627i	1.3395+0.1260i	-1.2289+0.0535i	0.0679+0.4540i	0.0483-2.8449i	-0.1155+1.0294i	-0.4426-0.9421i
42.0	-1.2249+0.4285i	-0.0995-0.3483i	1.3492+0.0954i	-1.1653+0.0152i	0.1383+0.3594i	0.0190-2.4269i	-0.0181+0.9342i	-0.4508-0.7926i
42.1	-1.2695+0.3932i	-0.1046-0.3323i	1.3456+0.0745i	-1.1841-0.0155i	0.0564+0.2983i	0.2328-2.3491i	-0.0196+0.8995i	-0.3799-0.7750i
42.2	-1.2190+0.4421i	-0.1126-0.2939i	1.2627+0.0144i	-1.1474+0.0333i	0.1003+0.3440i	0.2671-2.3754i	0.0876+0.8884i	-0.5474-0.7551i
42.3	-1.2135+0.4770i	-0.0431-0.3242i	1.1802+0.0068i	-1.0918+0.0376i	0.0657+0.3799i	0.3455-2.3569i	0.0420+0.8732i	-0.4847-0.8803i
42.4	-1.2294+0.5952i	-0.1494-0.3757i	1.2464-0.1226i	-1.2067+0.0838i	0.0963+0.4743i	0.2416-2.6632i	0.1480+0.9299i	-0.7472-0.9630i
42.5	-1.1799+0.6196i	-0.2559-0.3354i	1.3080-0.1428i	-1.2746+0.1288i	0.1967+0.4393i	0.0756-2.6743i	0.2719+0.8756i	-0.9600-0.7930i
42.6	-1.1187+0.6218i	-0.2907-0.3000i	1.3910-0.1761i	-1.2616+0.1521i	0.2285+0.4487i	-0.1573-2.4995i	0.2694+0.7823i	-0.9493-0.7405i
42.7	-1.0429+0.6207i	-0.2660-0.2497i	1.3418-0.2475i	-1.1972+0.1974i	0.2843+0.3767i	-0.1532-2.2899i	0.3422+0.7301i	-1.0084-0.6512i
42.8	-1.0204+0.6007i	-0.2261-0.2810i	1.3554-0.2227i	-1.1706+0.1708i	0.3556+0.3561i	-0.0747-2.2603i	0.3451+0.6356i	-1.0356-0.5765i
42.9	-1.0438+0.7216i	-0.2765-0.3478i	1.3154-0.4018i	-1.2321+0.2855i	0.4150+0.3417i	-0.0946-2.3205i	0.3032+0.6314i	-1.0563-0.5814i
43.0	-0.9718+0.7607i	-0.3389-0.2759i	1.1420-0.4314i	-1.1969+0.3975i	0.4230+0.2792i	-0.1676-2.2802i	0.3843+0.5305i	-1.1474-0.3679i
43.1	-0.9120+0.7756i	-0.3630-0.2444i	1.1508-0.4449i	-1.1567+0.4274i	0.4074+0.2782i	-0.2735-2.1420i	0.3224+0.5300i	-1.1350-0.3800i
43.2	-0.8084+0.7967i	-0.2934-0.1804i	1.1068-0.3944i	-1.0380+0.5311i	0.4349+0.2121i	-0.4166-2.0743i	0.3115+0.3597i	-1.0276-0.1361i
43.3	-0.7570+0.7801i	-0.3007-0.2478i	1.1399-0.5077i	-0.9773+0.5309i	0.3535+0.1915i	-0.4576-1.6122i	0.2558+0.3945i	-0.8766-0.2280i
43.4	-0.7674+0.7206i	-0.4015-0.2391i	1.1635-0.5332i	-0.9885+0.4732i	0.2951+0.2348i	0.1945-1.5549i	0.2740+0.4109i	-1.0406-0.3897i

43.5	-0.7996+0.7849i	-0.4237-0.2096i	1.1297-0.5345i	-1.0258+0.5542i	0.3303+0.2251i	0.4350-1.8814i	0.2988+0.3258i	-1.1693-0.2917i
43.6	-0.7784+0.8372i	-0.4685-0.1527i	1.1242-0.5356i	-1.0376+0.6228i	0.3941+0.1398i	0.2550-2.2383i	0.2545+0.2577i	-1.2457-0.0935i
43.7	-0.6698+0.8589i	-0.4372-0.1492i	1.1943-0.6540i	-0.9030+0.6616i	0.4295+0.1253i	-0.1233-2.0025i	0.0682+0.2885i	-1.1200-0.1550i
43.8	-0.5209+0.9144i	-0.4482-0.1286i	0.9160-0.6378i	-0.7337+0.7415i	0.4564+0.1412i	0.0886-1.9742i	0.0853+0.2901i	-1.2572-0.0581i
43.9	-0.4055+0.8832i	-0.4516-0.0846i	0.8392-0.4909i	-0.5991+0.7257i	0.4197+0.1079i	0.1246-2.1055i	0.0961+0.2428i	-1.2074+0.1352i
44.0	-0.3990+0.8528i	-0.4835-0.0477i	0.9733-0.4721i	-0.6128+0.6992i	0.4129+0.1032i	-0.0254-2.3257i	0.0521+0.2182i	-1.0765+0.1889i
44.1	-0.3327+0.8263i	-0.5012+0.0334i	0.9666-0.7135i	-0.5461+0.7215i	0.3964+0.0680i	0.0190-2.1462i	0.0592+0.3349i	-1.1498+0.1716i
44.2	-0.2376+0.8218i	-0.4270+0.0821i	0.6626-0.6269i	-0.3962+0.7112i	0.3571+0.0535i	0.2114-2.4767i	0.1525+0.2851i	-1.2525+0.3104i
44.3	-0.0684+0.8176i	-0.4172+0.1373i	0.7374-0.3772i	-0.2671+0.7384i	0.4579-0.0018i	-0.3824-2.7707i	0.1365+0.1835i	-1.1471+0.6242i
44.4	-0.0485+0.6395i	-0.3638+0.1175i	0.9610-0.2681i	-0.2234+0.5710i	0.4704-0.0474i	-0.7857-2.3762i	0.0511+0.1552i	-0.8328+0.6201i
44.5	-0.1202+0.5275i	-0.3761+0.1009i	1.1747-0.4894i	-0.2801+0.4509i	0.3922-0.0579i	-0.7162-1.9110i	-0.0529+0.2380i	-0.8053+0.3673i
44.6	-0.1214+0.5083i	-0.3106+0.1824i	1.0155-0.7327i	-0.2584+0.4780i	0.3917-0.0106i	-0.6141-1.7328i	0.0187+0.3247i	-0.7824+0.4345i
44.7	-0.1210+0.4481i	-0.2157+0.1654i	1.0066-0.7269i	-0.1924+0.4268i	0.3565-0.0339i	-0.4007-1.5318i	0.0292+0.2921i	-0.6425+0.3970i
44.8	-0.1991+0.4012i	-0.2188+0.0924i	0.9627-0.8414i	-0.2468+0.3252i	0.3593-0.0359i	0.0601-1.6476i	0.0370+0.2999i	-0.7833+0.3313i
44.9	-0.1744+0.3585i	-0.2902+0.0550i	0.8823-0.9322i	-0.2543+0.2254i	0.3687-0.0550i	0.0924-1.9323i	0.0016+0.3287i	-0.9426+0.3500i
45.0	-0.1132+0.3490i	-0.2929+0.0232i	0.7890-0.8753i	-0.1963+0.1751i	0.3992-0.1104i	0.0946-2.1829i	-0.0206+0.3107i	-0.9930+0.4074i
45.1	-0.0920+0.2919i	-0.3272+0.0491i	0.7729-0.8664i	-0.2247+0.1172i	0.4074-0.1682i	-0.2053-2.4235i	-0.0319+0.3176i	-0.9282+0.5762i
45.2	-0.1391+0.2402i	-0.3407+0.0737i	0.8546-0.9433i	-0.3058+0.0880i	0.3612-0.1572i	-0.5246-2.2730i	-0.0649+0.3648i	-0.8477+0.6221i
45.3	-0.1820+0.1985i	-0.3515+0.0985i	0.7045-1.0355i	-0.3680+0.0685i	0.3853-0.2231i	-0.6037-2.0335i	-0.0222+0.4093i	-0.8388+0.6613i
45.4	-0.2173+0.0798i	-0.3105+0.1007i	0.5856-0.7909i	-0.3714-0.0352i	0.3283-0.2811i	-0.5714-1.7704i	0.0016+0.3688i	-0.6998+0.6582i
45.5	-0.3921+0.0526i	-0.2915+0.0921i	0.7565-0.7350i	-0.5129-0.0427i	0.2919-0.1745i	-0.1863-1.5420i	0.0425+0.3118i	-0.6276+0.5086i
45.6	-0.4864+0.1241i	-0.3237+0.1262i	0.6537-1.0301i	-0.6256+0.0165i	0.2931-0.2197i	0.0128-1.9896i	0.0819+0.3216i	-0.7249+0.6355i
45.7	-0.4943+0.1101i	-0.2913+0.1430i	0.5601-0.9589i	-0.6315+0.0108i	0.2342-0.2450i	-0.1019-2.0359i	0.0720+0.3020i	-0.6753+0.6895i
45.8	-0.5940+0.2208i	-0.2983+0.1280i	0.4852-0.9788i	-0.7629+0.1233i	0.2712-0.2446i	-0.0718-2.1849i	0.0842+0.3018i	-0.6933+0.7377i
45.9	-0.5548+0.2014i	-0.3124+0.1574i	0.3197-0.9400i	-0.7469+0.1033i	0.2891-0.2329i	-0.2621-2.3892i	0.0779+0.2914i	-0.6226+0.8305i
46.0	-0.5224+0.1901i	-0.2844+0.1726i	0.2722-0.9294i	-0.7060+0.1125i	0.2631-0.2981i	-0.6068-2.3529i	0.0755+0.3042i	-0.4693+0.8466i
46.1	-0.5349+0.1800i	-0.2784+0.1673i	0.1777-0.8411i	-0.7089+0.1204i	0.1258-0.3373i	-0.6556-2.1338i	0.1328+0.3081i	-0.3822+0.8419i
46.2	-0.5782+0.1998i	-0.2847+0.1642i	0.2857-0.6952i	-0.7665+0.1401i	0.0721-0.2859i	-0.6163-2.0671i	0.0886+0.3114i	-0.3596+0.7800i
46.3	-0.6235+0.2577i	-0.2987+0.1853i	0.3804-0.7328i	-0.8293+0.2235i	0.1288-0.3048i	-0.5958-2.0373i	0.0657+0.2992i	-0.3361+0.7878i
46.4	-0.6740+0.2973i	-0.3029+0.1895i	0.4473-0.7433i	-0.8716+0.2812i	0.0540-0.2926i	-0.4882-2.0543i	0.0291+0.2622i	-0.3859+0.7380i
46.5	-0.6792+0.3914i	-0.2787+0.2266i	0.3583-0.7935i	-0.8559+0.4058i	0.0532-0.2368i	-0.5333-2.1557i	0.0390+0.2600i	-0.3627+0.7827i
46.6	-0.6324+0.4061i	-0.2512+0.2399i	0.1987-0.7101i	-0.8046+0.4245i	0.0540-0.2736i	-0.5840-2.2445i	0.0763+0.2623i	-0.2953+0.8303i
46.7	-0.6286+0.3919i	-0.2504+0.2444i	0.2622-0.6038i	-0.8111+0.4163i	0.1160-0.2389i	-0.6883-2.4070i	0.0630+0.2496i	-0.2449+0.8526i
46.8	-0.6483+0.5365i	-0.2049+0.2513i	0.3783-0.6956i	-0.7910+0.5907i	0.1471-0.2128i	-1.1015-2.3007i	0.0136+0.2636i	-0.1574+0.8235i
46.9	-0.6429+0.5567i	-0.1955+0.2173i	0.2945-0.6928i	-0.7686+0.5970i	0.1113-0.2374i	-1.1155-2.1067i	0.0188+0.2842i	-0.1450+0.7753i
47.0	-0.5747+0.5273i	-0.1795+0.2178i	0.3089-0.5844i	-0.6810+0.5804i	0.0164-0.2294i	-1.1965-2.0314i	0.0238+0.2373i	-0.0631+0.7370i
47.1	-0.5838+0.5848i	-0.1687+0.2407i	0.4412-0.6889i	-0.6857+0.6543i	-0.0202-0.2593i	-1.3106-1.9342i	0.0344+0.2571i	-0.0090+0.7230i
47.2	-0.5748+0.6439i	-0.1517+0.2147i	0.3417-0.8183i	-0.6564+0.6993i	-0.0634-0.2751i	-1.3285-1.7245i	0.0392+0.3240i	-0.0001+0.6825i
47.3	-0.5220+0.6268i	-0.1390+0.1910i	0.2146-0.7793i	-0.5840+0.6614i	-0.0518-0.2418i	-1.1923-1.5340i	0.0327+0.3436i	-0.0157+0.6292i
47.4	-0.4769+0.6080i	-0.1299+0.1785i	0.1464-0.6602i	-0.5387+0.6396i	-0.0612-0.2028i	-1.1289-1.5506i	0.0539+0.3254i	0.0117+0.6115i
47.5	-0.4716+0.6164i	-0.1245+0.1757i	0.1509-0.6002i	-0.5352+0.6680i	-0.0899-0.2313i	-1.2449-1.5596i	0.0906+0.3033i	0.0762+0.6143i
47.6	-0.4506+0.5941i	-0.1272+0.1444i	0.1665-0.5823i	-0.4895+0.6366i	-0.1234-0.2134i	-1.2080-1.2673i	0.0986+0.2772i	0.0917+0.5018i
47.7	-0.5239+0.5991i	-0.1411+0.1450i	0.3021-0.6065i	-0.5742+0.6339i	-0.1039-0.1171i	-1.0778-1.2299i	0.0685+0.2436i	0.0503+0.4487i
47.8	-0.4837+0.7015i	-0.1496+0.1412i	0.1292-0.6584i	-0.5390+0.7208i	-0.1039-0.1494i	-0.9059-1.2553i	0.0922+0.2509i	0.0067+0.4567i
47.9	-0.4360+0.7004i	-0.1623+0.1450i	-0.0456-0.4660i	-0.5134+0.7336i	-0.0875-0.1458i	-0.7933-1.4350i	0.1516+0.2469i	0.0023+0.4987i
48.0	-0.3876+0.6676i	-0.1705+0.1485i	-0.0539-0.2962i	-0.4705+0.7157i	-0.0761-0.1372i	-0.7203-1.5343i	0.1741+0.2179i	0.0156+0.5058i
48.1	-0.4227+0.6777i	-0.1729+0.1652i	0.1756-0.2035i	-0.5029+0.7464i	-0.0513-0.1452i	-0.8900-1.6945i	0.1606+0.2255i	0.0523+0.5459i
48.2	-0.4819+0.7374i	-0.1597+0.1451i	0.3799-0.4166i	-0.5307+0.7954i	0.0139-0.1143i	-1.1442-1.4159i	0.1237+0.2538i	0.0677+0.4721i
48.3	-0.4626+0.7524i	-0.1719+0.1441i	0.3898-0.3820i	-0.4950+0.8034i	-0.0082-0.1134i	-1.0816-1.3993i	0.1366+0.2477i	0.0454+0.4678i
48.4	-0.3882+0.7542i	-0.1510+0.1411i	0.4372-0.4712i	-0.4123+0.8071i	-0.0694-0.1022i	-1.2082-1.2297i	0.1767+0.2045i	0.1029+0.4247i
48.5	-0.3638+0.7560i	-0.1730+0.1102i	0.2642-0.5324i	-0.4015+0.7916i	-0.0844-0.1020i	-0.9238-1.0798i	0.2104+0.1578i	0.0434+0.3539i
48.6	-0.3336+0.7663i	-0.1852+0.1111i	0.3170-0.5088i	-0.3648+0.8210i	-0.1158-0.1114i	-1.0111-1.0505i	0.1587+0.0623i	0.0627+0.3184i
48.7	-0.3101+0.7746i	-0.2050+0.1126i	0.2282-0.5420i	-0.3477+0.8238i	-0.0819-0.1117i	-0.8305-0.8959i	0.1147+0.0341i	0.0134+0.2785i
48.8	-0.3081+0.7559i	-0.2252+0.1350i	0.1408-0.4140i	-0.3583+0.8230i	-0.0679-0.1029i	-0.4241-1.0778i	0.0761+0.0334i	-0.0874+0.3172i
48.9	-0.3059+0.7476i	-0.1940+0.1531i	0.2227-0.2653i	-0.3182+0.8535i	-0.0573-0.0715i	-0.5201-1.4006i	0.0329+0.0076i	-0.0748+0.3751i
49.0	-0.2815+0.7591i	-0.1821+0.1306i	0.2952-0.2674i	-0.2680+0.8487i	-0.0282-0.0744i	-0.6537-1.4603i	0.0257+0.0075i	-0.0221+0.3865i
49.1	-0.2752+0.7867i	-0.2036+0.1269i	0.3505-0.2853i	-0.2599+0.8688i	-0.0111-0.1261i	-0.7476-1.5551i	0.0054+0.0035i	0.0035+0.3901i
49.2	-0.2403+0.7802i	-0.2220+0.1330i	0.3783-0.2914i	-0.2082+0.8571i	-0.0527-0.1152i	-0.8144-1.4943i	-0.0497+0.0256i	0.0023+0.3659i
49.3	-0.2287+0.7689i	-0.2390+0.1413i	0.3799-0.2960i	-0.1958+0.8477i	-0.1146-0.1076i	-0.8195-1.4287i	-0.0848+0.0215i	-0.0032+0.3296i
49.4	-0.2048+0.7715i	-0.2446+0.1809i	0.3659-0.2755i	-0.1887+0.8619i	-0.0846-0.0793i	-0.8882-1.5370i	-0.0990+0.0454i	-0.0007+0.3479i
49.5	-0.2063+0.7778i	-0.2327+0.1811i	0.4845-0.1887i	-0.1780+0.8614i	-0.0899-0.1533i	-1.0178-1.6659i	-0.1279+0.0696i	0.0188+0.3768i
49.6	-0.2163+0.8249i	-0.2137+0.1951i	0.7596-0.3494i	-0.1557+0.9051i	-0.1666-0.1132i	-1.2964-1.3766i	-0.1780+0.0485i	0.0595+0.2860i
49.7	-0.1703+0.8515i	-0.1784+0.1800i	0.5912-0.6836i	-0.0981+0.9151i	-0.0771-0.0337i	-1.1592-0.9568i	-0.2289+0.0956i	-0.0303+0.1827i

49.8	−0.1191+0.8148i	−0.1953+0.1480i	0.3192−0.6898i	−0.0558+0.8704i	−0.1108−0.0012i	−0.8068−0.9155i	−0.2225+0.1801i	−0.1352+0.2109i
49.9	−0.1126+0.7784i	−0.2152+0.1584i	0.2429−0.4810i	−0.0368+0.8600i	−0.0279+0.0095i	−0.7670−1.1969i	−0.1870+0.2035i	−0.1288+0.3033i
50.0	−0.1345+0.7720i	−0.2162+0.1486i	0.3373−0.4442i	−0.0536+0.8412i	−0.0456−0.0621i	−0.9625−1.1250i	−0.1403+0.2241i	−0.0875+0.3028i
50.1	−0.1360+0.7554i	−0.2392+0.1183i	0.3458−0.4768i	−0.0514+0.8015i	−0.0685−0.0695i	−0.7885−1.0015i	−0.1288+0.2268i	−0.1377+0.2786i
50.2	−0.1598+0.7403i	−0.2696+0.1463i	0.3845−0.4128i	−0.0692+0.7902i	−0.1042−0.0767i	−0.7624−1.1018i	−0.1406+0.2126i	−0.1437+0.3117i
50.3	−0.1381+0.7811i	−0.2678+0.1752i	0.4162−0.4305i	−0.0408+0.8300i	−0.1193−0.1204i	−0.7477−1.1801i	−0.1464+0.2097i	−0.1390+0.3333i
50.4	−0.1318+0.7775i	−0.2681+0.1660i	0.4312−0.4976i	−0.0181+0.8208i	−0.1374−0.1398i	−0.7618−1.1977i	−0.1406+0.2068i	−0.1540+0.3341i
50.5	−0.0765+0.7644i	−0.2985+0.1775i	0.3281−0.4924i	0.0200+0.8087i	−0.0943−0.1422i	−0.6889−1.1948i	−0.0817+0.2173i	−0.1840+0.3587i
50.6	−0.0579+0.7964i	−0.3277+0.2003i	0.2409−0.4098i	0.0320+0.8270i	−0.0904−0.2052i	−0.4970−1.3551i	−0.1052+0.2576i	−0.2333+0.4198i
50.7	−0.1036+0.7460i	−0.3171+0.2544i	0.3563−0.3246i	0.0033+0.7743i	−0.1336−0.1185i	−0.6722−1.5967i	−0.1446+0.2530i	−0.1778+0.4835i
50.8	−0.0948+0.7452i	−0.2691+0.2447i	0.5557−0.4078i	0.0302+0.7550i	−0.1129−0.0582i	−0.8863−1.5887i	−0.1989+0.2719i	−0.1157+0.4821i
50.9	−0.0611+0.7956i	−0.2712+0.2023i	0.5823−0.5541i	0.0531+0.8031i	−0.1252−0.0453i	−0.8768−1.2963i	−0.1972+0.2326i	−0.1114+0.3960i
51.0	−0.0548+0.7755i	−0.2929+0.2145i	0.5232−0.5580i	0.0624+0.7922i	−0.1396−0.0378i	−0.9752−1.3415i	−0.1821+0.2524i	−0.1002+0.4190i
51.1	−0.0013+0.7565i	−0.3263+0.2285i	0.4234−0.5901i	0.0956+0.7915i	−0.1886−0.0822i	−0.8055−1.1748i	−0.1538+0.2470i	−0.1472+0.4041i
51.2	−0.0364+0.7247i	−0.3115+0.2725i	0.3635−0.5151i	0.0871+0.7764i	−0.1586−0.0553i	−0.6636−1.5229i	−0.1630+0.2772i	−0.1808+0.5030i
51.3	−0.0762+0.7683i	−0.2712+0.2744i	0.5347−0.4216i	0.1117+0.8105i	−0.1672−0.0082i	−1.1531−1.5886i	−0.1841+0.2427i	−0.0422+0.5142i
51.4	−0.0586+0.8055i	−0.2801+0.2400i	0.7292−0.6051i	0.1431+0.8071i	−0.2168+0.0017i	−1.4161−0.9720i	−0.2449+0.2318i	0.0027+0.3545i
51.5	−0.0473+0.7839i	−0.3462+0.2314i	0.5860−0.8046i	0.1035+0.7672i	−0.1986−0.0116i	−1.0669−0.7986i	−0.2174+0.3578i	−0.1305+0.3834i
51.6	0.0012+0.7445i	−0.4164+0.2440i	0.3693−0.7969i	0.1321+0.7443i	−0.2528−0.0834i	−0.6133−0.9744i	−0.1935+0.3714i	−0.2475+0.4471i
51.7	0.0496+0.6992i	−0.4547+0.2905i	0.2796−0.6859i	0.1813+0.7280i	−0.3580−0.1198i	−0.4329−1.1861i	−0.1910+0.3093i	−0.2565+0.4923i
51.8	0.0159+0.6823i	−0.4392+0.3768i	0.3079−0.6386i	0.1603+0.7256i	−0.3814−0.0613i	−0.5352−1.4496i	−0.1828+0.3509i	−0.2085+0.5512i
51.9	0.0002+0.6775i	−0.3042+0.4141i	0.3484−0.7714i	0.1887+0.7132i	−0.2930−0.0353i	−0.7157−1.4063i	−0.1618+0.4173i	−0.1381+0.6301i
52.0	−0.0011+0.7191i	−0.2674+0.3610i	0.2336−0.8106i	0.2272+0.7498i	−0.2832−0.0459i	−0.4982−1.2122i	−0.1432+0.3578i	−0.1441+0.6048i
52.1	−0.0359+0.6653i	−0.3224+0.3343i	0.2466−0.7075i	0.2302+0.6665i	−0.3575+0.0017i	−0.5326−1.5146i	−0.1878+0.3895i	−0.1044+0.6812i
52.2	−0.0606+0.6799i	−0.3773+0.3347i	0.2300−0.7135i	0.1882+0.6512i	−0.3271−0.0536i	−0.7927−1.6906i	−0.1249+0.4067i	−0.0281+0.6785i
52.3	−0.0686+0.6932i	−0.4416+0.3792i	0.1943−0.7053i	0.1577+0.6585i	−0.3653−0.1158i	−1.1044−1.6898i	−0.0610+0.3940i	0.0230+0.6928i
52.4	−0.0763+0.6897i	−0.5172+0.4699i	0.1793−0.7281i	0.1411+0.6523i	−0.4820−0.0318i	−1.1616−1.5573i	−0.0516+0.3898i	0.0660+0.6736i
52.5	−0.0620+0.7389i	−0.4909+0.5192i	0.0352−0.7422i	0.1741+0.6869i	−0.4614+0.0194i	−0.9356−1.3608i	−0.0390+0.3613i	0.0783+0.6083i
52.6	−0.0907+0.7551i	−0.4763+0.6031i	−0.0089−0.5892i	0.1527+0.6840i	−0.4548+0.1356i	−0.9915−1.6030i	−0.0213+0.3526i	0.1096+0.6291i
52.7	−0.0988+0.6712i	−0.5301+0.6185i	0.1996−0.4938i	0.1329+0.6079i	−0.5439+0.1363i	−1.2890−1.8158i	−0.0827+0.2933i	0.1175+0.5913i
52.8	−0.0462+0.7591i	−0.5359+0.7317i	0.1787−0.5873i	0.1630+0.6927i	−0.5356+0.2021i	−1.2475−1.5955i	−0.1353+0.2711i	0.0774+0.5130i
52.9	−0.0197+0.7172i	−0.4181+0.8925i	0.2100−0.6597i	0.1853+0.7098i	−0.5706+0.3163i	−1.5322−1.4873i	−0.1683+0.2890i	0.0739+0.5452i
53.0	−0.0949+0.6569i	−0.3010+0.8169i	0.0889−0.8227i	0.1965+0.6700i	−0.6097+0.2543i	−1.3639−1.1446i	−0.2263+0.3404i	0.0659+0.5595i
53.1	−0.1339+0.7959i	−0.3133+0.7682i	−0.1356−0.7197i	0.1738+0.7265i	−0.5525+0.2837i	−1.0609−1.1219i	−0.1572+0.3822i	0.0702+0.5917i
53.2	−0.2095+0.8143i	−0.2988+0.9174i	−0.2277−0.5945i	0.1347+0.7006i	−0.5490+0.4602i	−1.0816−1.5175i	−0.1102+0.4654i	0.1042+0.6754i
53.3	−0.1301+0.8427i	−0.2486+0.9344i	−0.2654−0.3565i	0.2074+0.7139i	−0.5281+0.5477i	−1.0678−1.7483i	−0.0708+0.4238i	0.1476+0.7137i
53.4	−0.1119+0.8957i	−0.2272+0.8957i	−0.1057−0.2917i	0.1800+0.7311i	−0.4014+0.5467i	−1.4801−1.5503i	−0.0532+0.3784i	0.2404+0.6114i
53.5	−0.1516+0.8600i	−0.1628+1.1341i	0.0491−0.4023i	0.1435+0.7542i	−0.3673+0.7175i	−1.8668−1.2779i	−0.0721+0.3939i	0.2665+0.5613i
53.6	−0.2029+0.8262i	0.1540+1.0806i	−0.1048−0.5199i	0.1987+0.7096i	−0.2025+0.7080i	−1.5989−1.0333i	−0.0498+0.3813i	0.2103+0.5230i
53.7	−0.1652+0.9096i	0.0341+0.8399i	−0.2481−0.2575i	0.2203+0.6755i	−0.2803+0.5359i	−1.0851−1.2932i	−0.0838+0.3487i	0.1051+0.5915i
53.8	−0.2824+0.9755i	−0.1085+0.9553i	−0.1516−0.1880i	0.0622+0.6915i	−0.2480+0.6933i	−1.3642−1.4494i	−0.0259+0.4419i	0.1467+0.6144i
53.9	−0.2409+1.1347i	−0.1461+0.9801i	−0.1087−0.0751i	0.0656+0.8280i	−0.2884+0.6676i	−1.3708−1.5225i	−0.0296+0.3395i	0.1580+0.6163i
54.0	−0.1221+1.1656i	−0.2670+1.1312i	0.0626−0.1167i	0.0911+0.8706i	−0.3540+0.7290i	−1.7475−1.5754i	−0.0691+0.3333i	0.2001+0.6250i
54.1	−0.0018+1.0459i	−0.2409+1.4768i	0.0471−0.0753i	0.1737+0.8779i	−0.3814+0.9563i	−1.8859−1.6876i	−0.1464+0.3461i	0.1969+0.6810i
54.2	−0.0641+1.1186i	0.1434+1.5788i	0.0665−0.0369i	0.1892+0.9376i	−0.1210+1.0074i	−1.9858−1.4185i	−0.1399+0.4073i	0.2148+0.6449i
54.3	−0.0551+1.1877i	0.3843+1.5682i	0.0557−0.0126i	0.2248+0.9652i	0.0211+1.0503i	−2.0340−1.3127i	−0.0728+0.4513i	0.2337+0.6001i
54.4	−0.0194+1.2441i	0.6851+1.5956i	0.1572−0.0029i	0.2957+1.0110i	0.2435+1.1428i	−2.1699−1.1264i	−0.0664+0.4610i	0.3093+0.6696i
54.5	−0.0510+1.3325i	1.0174+1.5234i	0.2275−0.0793i	0.3043+1.0544i	0.5002+1.1126i	−2.3876−0.7426i	−0.0086+0.4568i	0.3942+0.6503i
54.6	0.0119+1.3374i	1.1566+1.3455i	0.3325−0.0607i	0.3600+1.0122i	0.6151+0.9642i	−2.4770−0.8098i	−0.0157+0.4860i	0.4323+0.6301i
54.7	0.0497+1.2835i	1.2238+1.2722i	0.4325−0.1439i	0.3895+0.9867i	0.7252+0.9756i	−2.6524−0.5367i	0.0034+0.4495i	0.4677+0.5718i
54.8	0.0441+1.3956i	1.4304+1.0273i	0.3275−0.3058i	0.4071+1.0127i	0.9172+0.7920i	−2.4245+0.0035i	0.0743+0.4480i	0.4906+0.4686i
54.9	0.1277+1.4170i	1.4366+0.8704i	0.2500−0.2417i	0.4763+0.9904i	0.8757+0.6089i	−2.0774−0.1149i	0.0036+0.4441i	0.4280+0.4909i
55.0	0.2163+1.4601i	1.4988+0.6496i	0.2635−0.2118i	0.5459+0.9845i	0.9361+0.5094i	−1.9255−0.0272i	−0.0023+0.4126i	0.4874+0.4612i
55.1	0.2672+1.4716i	1.5482+0.5552i	0.3217−0.1992i	0.5781+0.9910i	0.9483+0.4137i	−2.0751+0.0773i	0.0223+0.4027i	0.5107+0.4746i
55.2	0.3112+1.4776i	1.5021+0.3855i	0.3258−0.2007i	0.5747+0.9749i	0.9275+0.2548i	−2.0218+0.1617i	0.0116+0.3728i	0.5017+0.4202i
55.3	0.4293+1.5064i	1.4732+0.1457i	0.3119−0.2120i	0.6505+0.9617i	0.9190+0.1119i	−1.7521+0.2663i	−0.0085+0.4192i	0.4906+0.3953i
55.4	0.5776+1.5236i	1.3443−0.0406i	0.2418−0.2011i	0.7522+0.9984i	0.7600−0.0047i	−1.2870+0.4628i	−0.0143+0.3641i	0.4003+0.2983i
55.5	0.5608+1.5188i	1.3334−0.0785i	0.2472−0.2403i	0.7090+0.9736i	0.7658−0.0422i	−1.3876+0.5394i	0.0582+0.3196i	0.4660+0.2984i
55.6	0.6055+1.5376i	1.3415−0.1555i	0.2245−0.2539i	0.7452+0.9824i	0.7547−0.0724i	−1.2120+0.6715i	−0.0389+0.2797i	0.4148+0.3051i
55.7	0.7206+1.5027i	1.2337−0.3272i	0.2014−0.2001i	0.8278+0.9457i	0.6309−0.1691i	−0.8606+0.5924i	−0.1258+0.3000i	0.3728+0.2680i
55.8	0.8232+1.5236i	1.1306−0.5294i	0.1495−0.1807i	0.8607+0.9405i	0.5465−0.3121i	−0.6261+0.6970i	−0.1035+0.2544i	0.3186+0.1488i
55.9	0.9330+1.4708i	0.8853−0.6522i	0.1176−0.1451i	0.8859+0.9116i	0.4279−0.3862i	−0.3275+0.6010i	−0.0832+0.2277i	0.2463+0.1344i
56.0	0.9336+1.3914i	0.8674−0.6388i	0.2066−0.1307i	0.9171+0.8350i	0.4043−0.3234i	−0.3902+0.3919i	−0.1767+0.3123i	0.3152+0.1590i

56.1	0.9850+1.3053i	0.6689-0.6035i	0.2420-0.0770i	0.9395+0.7706i	0.3291-0.3292i	-0.2266+0.1294i	-0.2076+0.3009i	0.2168+0.2016i
56.2	1.0234+1.2952i	0.5548-0.6241i	0.2140-0.0891i	0.9211+0.7690i	0.2681-0.3236i	-0.2007+0.1933i	-0.1998+0.2947i	0.2040+0.1587i
56.3	1.0499+1.2542i	0.5267-0.6071i	0.2371-0.1088i	0.9561+0.7628i	0.2143-0.2427i	-0.1569+0.1761i	-0.2437+0.4205i	0.1407+0.2236i
56.4	1.0750+1.2014i	0.4301-0.5478i	0.2320-0.0680i	0.9807+0.7412i	0.1701-0.2204i	-0.0202+0.0269i	-0.2568+0.4163i	0.0904+0.2242i
56.5	1.1113+1.1474i	0.3261-0.5204i	0.2301-0.0470i	0.9928+0.7021i	0.1256-0.2422i	0.0470-0.1038i	-0.2695+0.3756i	0.0708+0.1887i
56.6	1.1380+1.0869i	0.2981-0.4907i	0.2510-0.0393i	1.0193+0.6652i	0.0944-0.2120i	0.0742-0.1862i	-0.2360+0.3809i	0.0801+0.2895i
56.7	1.1270+1.0232i	0.2583-0.4605i	0.2661-0.0436i	1.0199+0.6123i	0.1129-0.2515i	0.0809-0.2824i	-0.2005+0.4271i	0.1173+0.3192i
56.8	1.1476+0.9714i	0.2429-0.4095i	0.2908+0.0025i	1.0536+0.5951i	0.0670-0.1763i	0.1292-0.4031i	-0.2958+0.4964i	0.1172+0.2841i
56.9	1.1301+0.9010i	0.2735-0.3069i	0.3520+0.0379i	1.0714+0.5579i	0.0042-0.0947i	0.0927-0.5824i	-0.4403+0.5832i	0.0627+0.3520i
57.0	1.1089+0.8636i	0.2601-0.3105i	0.3571+0.0304i	1.0718+0.5078i	0.0420-0.0490i	0.0870-0.6862i	-0.2983+0.6157i	0.1181+0.3363i
57.1	1.0859+0.8234i	0.2348-0.3724i	0.4297-0.0185i	1.0577+0.4416i	0.0429-0.0672i	-0.0442-0.7404i	-0.2288+0.7341i	0.1123+0.3652i
57.2	1.0619+0.7724i	0.0978-0.2422i	0.4340+0.0076i	1.0249+0.4453i	-0.0710-0.0579i	0.1041-0.7991i	-0.4076+0.6947i	-0.0654+0.3631i
57.3	1.0314+0.7850i	0.1638-0.1284i	0.4634+0.0287i	1.0083+0.4686i	-0.0623+0.0129i	0.0782-0.8521i	-0.6002+0.7401i	-0.1420+0.4192i
57.4	0.9850+0.7679i	0.2928-0.0723i	0.5108+0.0338i	1.0394+0.4424i	-0.0012+0.0857i	0.0293-1.0549i	-0.6865+0.9100i	-0.1277+0.5481i
57.5	0.9701+0.7656i	0.3290-0.0585i	0.5373+0.0374i	1.0460+0.4114i	0.0935+0.1302i	-0.0134-1.2086i	-0.5377+0.9964i	-0.0764+0.5797i
57.6	0.9731+0.7811i	0.3662-0.0912i	0.5619+0.0231i	1.0697+0.3977i	0.1033+0.1056i	-0.0452-1.2299i	-0.5021+1.1097i	-0.0576+0.6594i
57.7	0.9961+0.8053i	0.3209-0.1417i	0.5401-0.0206i	1.0197+0.3989i	0.1206+0.0500i	-0.1558-1.1946i	-0.2790+1.1062i	0.0131+0.7447i
57.8	0.9732+0.8293i	0.4118-0.2370i	0.5889-0.0847i	1.0173+0.3226i	0.1908+0.0970i	-0.2729-1.2863i	-0.1909+1.3632i	0.0669+0.7860i
57.9	0.9817+0.8086i	0.4408-0.1992i	0.6404-0.0886i	1.0341+0.3239i	0.2047+0.0876i	-0.3585-1.3158i	-0.2797+1.4363i	0.0416+0.8733i
58.0	0.9967+0.8067i	0.4814-0.2275i	0.6114-0.0809i	1.0537+0.2978i	0.2536+0.1293i	-0.3250-1.3781i	-0.0885+1.4135i	0.1862+0.9200i
58.1	1.0041+0.8106i	0.5016-0.2695i	0.5609-0.0552i	1.0502+0.2694i	0.2673+0.1525i	-0.2462-1.4615i	0.0313+1.3653i	0.2588+0.8743i
58.2	1.0015+0.8127i	0.5083-0.3568i	0.6200-0.0898i	1.0303+0.2432i	0.2060+0.1196i	-0.3924-1.4522i	-0.1237+1.4926i	0.2247+0.8588i
58.3	1.0285+0.8086i	0.4524-0.3982i	0.6178-0.0983i	1.0236+0.2231i	0.2729+0.1027i	-0.4490-1.4484i	0.0751+1.5988i	0.3139+0.8497i
58.4	1.0271+0.8088i	0.5161-0.5126i	0.6392-0.1154i	1.0272+0.1771i	0.3592+0.1049i	-0.5774-1.4784i	0.4292+1.6857i	0.4598+0.8774i
58.5	1.0309+0.8021i	0.5027-0.5470i	0.7007-0.1029i	1.0173+0.1795i	0.2727+0.0650i	-0.6811-1.5152i	0.2461+1.6675i	0.3785+0.8374i
58.6	1.0641+0.7887i	0.4055-0.5165i	0.7185-0.0943i	0.9757+0.1817i	0.2354-0.0285i	-0.8154-1.5399i	0.1681+1.4740i	0.3776+0.7719i
58.7	1.0762+0.7969i	0.3480-0.5802i	0.7163-0.1106i	0.9656+0.1565i	0.2454-0.0724i	-0.8088-1.5974i	0.3584+1.5091i	0.4192+0.7809i
58.8	1.0987+0.8018i	0.3242-0.6259i	0.7280-0.1624i	0.9631+0.1677i	0.2549-0.1053i	-0.8951-1.4797i	0.4547+1.8148i	0.4219+0.8696i
58.9	1.1185+0.8071i	0.2731-0.6794i	0.7345-0.1709i	0.9469+0.1699i	0.2306-0.0648i	-0.9644-1.4536i	0.7058+1.8496i	0.4473+0.9060i
59.0	1.1323+0.7866i	0.1797-0.6762i	0.7056-0.1695i	0.9378+0.1615i	0.2222-0.1021i	-0.9217-1.4574i	1.0197+1.6514i	0.5507+0.8615i
59.1	1.1766+0.7795i	0.0649-0.7129i	0.6737-0.2252i	0.9225+0.1433i	0.2417-0.1425i	-0.9631-1.3662i	1.3965+1.5997i	0.7487+0.8939i
59.2	1.1997+0.7784i	0.0041-0.7128i	0.7225-0.2415i	0.9251+0.1452i	0.2028-0.1487i	-1.0538-1.3209i	1.3888+1.6583i	0.7768+0.8811i
59.3	1.1930+0.7662i	0.0252-0.6953i	0.7484-0.2632i	0.9446+0.1359i	0.1205-0.0378i	-1.0699-1.2565i	1.3783+1.7131i	0.7761+0.8521i
59.4	1.2398+0.7317i	-0.0974-0.6411i	0.6930-0.2197i	0.9197+0.1369i	0.0910-0.0692i	-0.9988-1.2832i	1.4467+1.2392i	0.7827+0.6559i
59.5	1.2527+0.7120i	-0.1187-0.5861i	0.7422-0.1962i	0.9265+0.1513i	0.1214-0.0968i	-1.0079-1.3217i	1.2034+1.2242i	0.6900+0.6265i
59.6	1.2954+0.7062i	-0.2223-0.5989i	0.7111-0.2242i	0.9345+0.1379i	0.1154-0.1605i	-0.9920-1.3433i	1.5882+1.1667i	0.8869+0.6570i
59.7	1.3138+0.6992i	-0.2780-0.5958i	0.6917-0.2784i	0.9362+0.1265i	0.1054-0.1654i	-1.0025-1.3078i	1.9657+1.0566i	0.9179+0.7838i
59.8	1.3142+0.6350i	-0.2376-0.4735i	0.7203-0.2654i	0.9705+0.1350i	0.1180-0.1240i	-1.0660-1.3066i	1.8327+1.0294i	0.8156+0.8082i
59.9	1.3397+0.5866i	-0.2968-0.4005i	0.6636-0.2583i	0.9278+0.1368i	0.1261-0.0614i	-1.0070-1.3198i	1.8338+0.8105i	0.7619+0.6808i
60.0	1.3227+0.5673i	-0.2507-0.3372i	0.6148-0.2688i	0.9495+0.1214i	0.1701-0.0536i	-0.9543-1.3473i	1.8486+0.6261i	0.8736+0.6390i
60.1	1.3033+0.5643i	-0.2321-0.3976i	0.6761-0.2872i	0.9802+0.0540i	0.2019-0.0554i	-0.8944-1.4096i	1.9378+0.6717i	1.0091+0.6777i
60.2	1.3185+0.5424i	-0.2568-0.3532i	0.6764-0.2674i	0.9681+0.0254i	0.2280-0.0523i	-0.9542-1.5061i	1.9588+0.3323i	1.1027+0.6253i
60.3	1.3033+0.5081i	-0.2145-0.3174i	0.6673-0.1991i	0.9506+0.0066i	0.2403-0.0316i	-0.9676-1.5933i	1.6809+0.1839i	0.9517+0.4719i
60.4	1.2853+0.4806i	-0.1537-0.2818i	0.6814-0.1845i	0.9592+0.0135i	0.2268-0.1434i	-1.0445-1.5873i	1.5423+0.2011i	0.8511+0.5161i
60.5	1.2801+0.4787i	-0.1460-0.2691i	0.7119-0.1683i	0.9452+0.0089i	0.2234-0.1688i	-1.1089-1.6030i	1.4340+0.0818i	0.8320+0.5447i
60.6	1.2761+0.4880i	-0.1539-0.2995i	0.7494-0.1267i	0.9401-0.0061i	0.2472-0.2054i	-1.1634-1.6876i	1.4669+0.0747i	0.8743+0.5265i
60.7	1.2920+0.4674i	-0.1806-0.2873i	0.7835-0.1052i	0.9240-0.0021i	0.2217-0.1825i	-1.2235-1.7445i	1.3109-0.0033i	0.7779+0.4688i
60.8	1.2961+0.4569i	-0.1792-0.2884i	0.7918-0.1086i	0.8906-0.0044i	0.1901-0.1450i	-1.3184-1.7366i	1.2151-0.1060i	0.8117+0.4161i
60.9	1.2866+0.4421i	-0.1632-0.2563i	0.8490-0.1074i	0.9243-0.0417i	0.1424-0.1192i	-1.3628-1.8097i	1.2048-0.1011i	0.9028+0.3808i
61.0	1.2820+0.4461i	-0.1306-0.2420i	0.8963-0.1419i	0.9215-0.0665i	0.1551-0.1896i	-1.4659-1.8354i	1.3321-0.1046i	0.9063+0.4338i
61.1	1.3036+0.4492i	-0.1758-0.2686i	0.8946-0.1701i	0.8911-0.0613i	0.1646-0.2262i	-1.5697-1.7520i	1.3484-0.2840i	0.9951+0.3841i
61.2	1.3012+0.4367i	-0.2005-0.2978i	0.8827-0.1849i	0.8712-0.0614i	0.1378-0.1703i	-1.6064-1.7127i	1.3577-0.3301i	1.0116+0.4843i
61.3	1.2965+0.4188i	-0.1789-0.2776i	0.9188-0.1554i	0.8607-0.0566i	0.1168-0.1390i	-1.7044-1.7685i	1.1202-0.3313i	1.0478+0.4532i
61.4	1.2964+0.4017i	-0.1824-0.2743i	0.9599-0.1497i	0.8618-0.0478i	0.1371-0.1530i	-1.7381-1.7298i	1.0573-0.4082i	1.0167+0.3559i
61.5	1.2830+0.3943i	-0.1666-0.2978i	0.9876-0.1826i	0.8585-0.0513i	0.0937-0.1223i	-1.7907-1.6458i	1.1459-0.3010i	1.1168+0.3578i
61.6	1.2864+0.3928i	-0.1722-0.2583i	1.0443-0.1878i	0.8589-0.0216i	0.0147-0.1823i	-1.9378-1.6467i	1.0591-0.1885i	0.9521+0.4460i
61.7	1.2863+0.3960i	-0.1937-0.2766i	1.0611-0.1995i	0.8657-0.0122i	0.0432-0.0957i	-1.9590-1.6268i	1.0256-0.2964i	0.9811+0.3803i
61.8	1.2888+0.4027i	-0.2158-0.2992i	1.0612-0.2399i	0.8777-0.0140i	0.0956-0.0725i	-1.9787-1.5997i	1.0409-0.2397i	1.0586+0.4105i
61.9	1.2985+0.4180i	-0.2415-0.2827i	1.0928-0.2443i	0.8701-0.0309i	0.1185-0.0727i	-2.0249-1.6312i	0.9871-0.1316i	0.9939+0.2966i
62.0	1.2926+0.4036i	-0.2137-0.2666i	1.1060-0.2490i	0.8791-0.0392i	0.1099-0.1144i	-2.0731-1.5852i	0.9592-0.2198i	1.1685+0.3011i
62.1	1.2929+0.4032i	-0.2069-0.2844i	1.0999-0.2456i	0.8874-0.0263i	0.1455-0.1367i	-2.0722-1.5448i	1.0617-0.2593i	1.1573+0.3705i
62.2	1.2843+0.4146i	-0.2150-0.3103i	1.1496-0.2443i	0.8880-0.0455i	0.1325-0.0878i	-2.1235-1.5108i	0.9547-0.1806i	1.0911+0.2655i
62.3	1.2905+0.4161i	-0.2172-0.3162i	1.2014-0.2759i	0.9006-0.0574i	0.0856-0.1035i	-2.1858-1.4171i	0.9659-0.1606i	1.0729+0.3319i

62.4	1.3281+0.4022i	-0.2313-0.2761i	1.2008-0.2721i	0.8894-0.0437i	0.0354-0.1135i	-2.2399-1.4599i	0.8617-0.1911i	1.0371+0.3819i
62.5	1.3330+0.3996i	-0.2602-0.2662i	1.2387-0.2792i	0.8834-0.0423i	0.1196-0.1825i	-2.3403-1.3949i	0.9542-0.2613i	1.0363+0.2751i
62.6	1.3278+0.4182i	-0.2725-0.2822i	1.3007-0.3056i	0.8828-0.0423i	0.1574-0.1768i	-2.4081-1.3513i	0.9570-0.2517i	0.9916+0.3471i
62.7	1.3241+0.4257i	-0.2519-0.2733i	1.3270-0.3299i	0.9043-0.0558i	0.1549-0.2195i	-2.4056-1.3125i	0.8334-0.2633i	1.1231+0.3314i
62.8	1.3427+0.4294i	-0.2529-0.2884i	1.3442-0.3661i	0.9272-0.0780i	0.1358-0.2196i	-2.4041-1.3069i	0.8840-0.3855i	1.2077+0.3055i
62.9	1.3508+0.4496i	-0.2716-0.3282i	1.3804-0.4099i	0.9122-0.1066i	0.0530-0.2662i	-2.4292-1.2576i	0.8644-0.4742i	1.1647+0.3020i
63.0	1.3659+0.4876i	-0.3081-0.3151i	1.4175-0.4668i	0.9132-0.1189i	0.0208-0.2625i	-2.4678-1.2356i	0.9890-0.4343i	1.1617+0.2514i
63.1	1.3855+0.4611i	-0.3027-0.3002i	1.4054-0.5015i	0.9266-0.1103i	0.0752-0.2377i	-2.4629-1.1253i	0.9963-0.3447i	1.2529+0.2901i
63.2	1.4366+0.4535i	-0.3435-0.2776i	1.4162-0.5518i	0.9071-0.0956i	0.1029-0.2496i	-2.4934-1.0530i	0.9604-0.4086i	1.2380+0.3563i
63.3	1.4626+0.4730i	-0.3424-0.2874i	1.4553-0.6056i	0.8869-0.1122i	0.0067-0.2801i	-2.5627-1.0208i	1.0217-0.3064i	1.1695+0.3775i
63.4	1.4959+0.4895i	-0.3477-0.2791i	1.4994-0.6579i	0.8770-0.1148i	-0.0021-0.2731i	-2.6373-0.9878i	1.1089-0.2785i	1.1113+0.4280i
63.5	1.5032+0.4772i	-0.3605-0.2741i	1.4774-0.6464i	0.8795-0.1076i	0.0262-0.1820i	-2.6099-0.9898i	1.0212-0.2316i	1.1143+0.4102i
63.6	1.5412+0.4825i	-0.3961-0.2754i	1.4921-0.7178i	0.8654-0.1187i	0.0265-0.2392i	-2.6316-0.9023i	0.9731-0.2242i	1.1223+0.4898i
63.7	1.5792+0.4976i	-0.4151-0.2982i	1.5309-0.7978i	0.8743-0.1291i	0.0018-0.2331i	-2.6567-0.8036i	1.0497-0.3493i	1.2836+0.5043i
63.8	1.6413+0.4656i	-0.4312-0.2538i	1.5045-0.8281i	0.8638-0.1023i	-0.0076-0.2372i	-2.6510-0.7557i	1.0726-0.5702i	1.3037+0.4712i
63.9	1.6672+0.4523i	-0.4300-0.2257i	1.5154-0.8605i	0.8813-0.0765i	-0.0224-0.2668i	-2.6556-0.7062i	1.0239-0.5688i	1.4112+0.6150i
64.0	1.6940+0.4779i	-0.4572-0.2285i	1.5536-0.9039i	0.8766-0.0563i	-0.0802-0.3242i	-2.6618-0.6539i	1.0809-0.5313i	1.3773+0.7472i
64.1	1.7328+0.4785i	-0.4937-0.2374i	1.5708-0.9824i	0.8774-0.0530i	-0.0521-0.3535i	-2.6534-0.5703i	1.1689-0.6859i	1.4657+0.7590i
64.2	1.7994+0.4389i	-0.5094-0.1917i	1.5831-1.0459i	0.8866-0.0514i	-0.0409-0.2807i	-2.6744-0.5966i	1.2296-0.7958i	1.4694+0.8022i
64.3	1.8280+0.4106i	-0.5211-0.1677i	1.5855-1.0692i	0.8868-0.0666i	-0.1264-0.2155i	-2.6606-0.5987i	1.1842-0.7991i	1.5049+0.7101i
64.4	1.8682+0.3922i	-0.5368-0.1601i	1.5581-1.1092i	0.8939-0.0518i	-0.1985-0.2632i	-2.6146-0.5739i	1.1155-0.8877i	1.5835+0.7169i
64.5	1.9035+0.3417i	-0.5718-0.1060i	1.5202-1.1544i	0.9032-0.0244i	-0.2336-0.3357i	-2.6355-0.5327i	0.9239-1.0767i	1.8616+0.7355i
64.6	1.9215+0.3068i	-0.5553-0.0768i	1.5534-1.2251i	0.9305-0.0264i	-0.2054-0.2373i	-2.7066-0.5002i	0.9671-1.0293i	1.9287+0.9141i
64.7	1.9198+0.2858i	-0.5309-0.0812i	1.5395-1.2751i	0.9600-0.0149i	-0.2290-0.2288i	-2.6916-0.4728i	0.9940-1.1009i	2.1551+1.0681i
64.8	1.9628+0.2681i	-0.5658-0.0408i	1.5370-1.3124i	0.9590-0.0003i	-0.2160-0.2831i	-2.7435-0.5068i	0.8221-1.1855i	2.2430+0.8491i
64.9	2.0035+0.1894i	-0.5500-0.0013i	1.4651-1.4163i	0.9730+0.0058i	-0.3179-0.1715i	-2.7172-0.4709i	0.6948-1.1395i	2.3621+0.8826i
65.0	2.0354+0.1465i	-0.5411+0.0338i	1.4306-1.4703i	1.0091+0.0133i	-0.3307-0.0991i	-2.7304-0.4636i	0.5945-1.2798i	2.6077+0.9400i
65.1	2.0585+0.1423i	-0.5636+0.0566i	1.4197-1.4900i	1.0260+0.0232i	-0.2496-0.1149i	-2.7426-0.4735i	0.6219-1.4210i	2.7560+0.7686i
65.2	2.0541+0.1013i	-0.5656+0.0711i	1.4121-1.4882i	1.0466+0.0320i	-0.2181-0.0660i	-2.7889-0.4953i	0.6330-1.4305i	2.7397+0.7388i
65.3	2.0363+0.0420i	-0.5158+0.1229i	1.3538-1.5506i	1.1053+0.0582i	-0.2470+0.0128i	-2.7836-0.4795i	0.2121-1.3555i	3.0333+0.7179i
65.4	2.0364-0.0059i	-0.4883+0.1595i	1.2366-1.6036i	1.1557+0.0569i	-0.2976-0.0292i	-2.7349-0.4369i	0.1568-1.6567i	3.5532+0.4210i
65.5	2.0577+0.0008i	-0.4681+0.1653i	1.2351-1.6844i	1.2016+0.0400i	-0.4066+0.0247i	-2.7740-0.3080i	0.0718-1.3384i	3.6421+0.4286i
65.6	2.0441-0.0058i	-0.4437+0.1433i	1.2616-1.5914i	1.2593-0.0227i	-0.3451-0.0162i	-2.8137-0.4202i	-0.2634-1.3250i	3.7632-0.0760i
65.7	2.0554-0.0379i	-0.4304+0.1807i	1.2005-1.6483i	1.2753-0.0208i	-0.4125-0.0383i	-2.8980-0.3893i	-0.2737-1.3821i	3.8704-0.1824i
65.8	2.0783-0.0511i	-0.4220+0.1857i	1.1330-1.6583i	1.3189-0.0544i	-0.4288-0.0501i	-2.8957-0.3869i	-0.4298-1.4596i	4.1953-0.4457i
65.9	2.0916-0.0833i	-0.3963+0.1939i	1.1040-1.6877i	1.3405-0.0992i	-0.3632-0.0197i	-2.9384-0.3843i	-0.4586-1.1633i	4.1387-0.6479i
66.0	2.1039-0.1123i	-0.3545+0.2249i	1.0829-1.7562i	1.3679-0.1380i	-0.3279+0.0013i	-3.0290-0.3771i	-0.5266-0.9126i	4.2285-0.9173i
66.1	2.0900-0.1083i	-0.3230+0.2107i	1.0272-1.7412i	1.3990-0.1577i	-0.3112+0.0357i	-3.0592-0.3570i	-0.5345-0.7964i	4.4021-1.0606i
66.2	2.1317-0.1269i	-0.3234+0.2250i	0.9836-1.7177i	1.4317-0.1796i	-0.2219+0.1187i	-3.0923-0.4027i	-0.7836-0.9503i	4.4001-1.5322i
66.3	2.1392-0.0946i	-0.3141+0.1991i	0.9406-1.7227i	1.4564-0.1948i	-0.2117+0.1543i	-3.1103-0.3541i	-0.7643-1.0212i	4.4287-1.6990i
66.4	2.1725-0.0652i	-0.3134+0.1667i	0.8999-1.6212i	1.4945-0.2200i	-0.3016+0.1974i	-3.1063-0.4656i	-0.8360-0.9074i	4.4798-2.1281i
66.5	2.1898-0.0763i	-0.2852+0.1666i	0.8608-1.5717i	1.5451-0.2608i	-0.3306+0.1981i	-3.1729-0.4976i	-1.0077-0.7995i	4.6691-2.3860i
66.6	2.1860-0.1070i	-0.2505+0.1565i	0.8662-1.5261i	1.5500-0.3506i	-0.3206+0.1072i	-3.3479-0.4676i	-1.1135-0.5639i	4.4740-3.0241i
66.7	2.2041-0.1112i	-0.2310+0.1492i	0.9729-1.5060i	1.5419-0.4089i	-0.3294+0.1024i	-3.5088-0.4014i	-1.1994-0.1978i	4.0436-3.3739i
66.8	2.2641-0.1318i	-0.2347+0.1382i	0.9546-1.5093i	1.5689-0.4729i	-0.2475+0.1492i	-3.6229-0.3289i	-1.2074-0.0696i	4.0401-3.6369i
66.9	2.3582-0.1401i	-0.2252+0.1317i	0.9759-1.5139i	1.5983-0.5219i	-0.2606+0.1795i	-3.8087-0.2744i	-1.0887+0.0529i	4.0038-3.9810i
67.0	2.4477-0.1335i	-0.2276+0.0839i	1.0201-1.5125i	1.6006-0.5723i	-0.3023+0.3086i	-3.9135-0.1503i	-0.9830+0.1735i	3.6336-4.2779i
67.1	2.5230-0.1436i	-0.2322+0.0767i	1.0381-1.5370i	1.5998-0.6010i	-0.3113+0.3238i	-3.9998-0.0715i	-1.0127+0.3677i	3.4539-4.4452i
67.2	2.5736-0.1989i	-0.2425+0.0765i	1.0643-1.5196i	1.5902-0.6394i	-0.2872+0.2811i	-4.0658-0.0081i	-0.7909+0.5607i	3.0533-4.4918i
67.3	2.6197-0.3056i	-0.2506+0.0827i	1.0629-1.5030i	1.5841-0.7100i	-0.1949+0.2340i	-4.1080+0.1311i	-0.8292+0.6128i	2.8010-4.6577i
67.4	2.7392-0.3764i	-0.2516+0.0952i	1.1059-1.5115i	1.6368-0.7611i	-0.2064+0.3227i	-4.2336+0.2404i	-0.7570+0.6059i	2.8015-5.0054i
67.5	2.8013-0.4245i	-0.2809+0.0815i	1.1717-1.5121i	1.5732-0.8130i	-0.2713+0.3276i	-4.3709+0.3841i	-0.5582+0.8553i	2.5162-5.4548i
67.6	2.8236-0.5544i	-0.2728+0.0711i	1.1849-1.5160i	1.5399-0.8841i	-0.3127+0.3394i	-4.4297+0.5210i	-0.2558+0.8970i	1.9348-5.6239i
67.7	2.8465-0.6704i	-0.2556+0.0961i	1.2038-1.5405i	1.4994-0.9262i	-0.2615+0.4400i	-4.5357+0.6588i	-0.1000+1.0066i	1.4200-5.8881i
67.8	2.8927-0.7827i	-0.2448+0.1206i	1.3115-1.5768i	1.4574-0.9841i	-0.2557+0.4333i	-4.7251+0.8040i	-0.0636+1.1544i	1.0279-6.3178i
67.9	2.9772-0.8415i	-0.2654+0.1338i	1.4355-1.6740i	1.4701-0.9837i	-0.2982+0.4133i	-4.8509+0.8849i	0.1144+1.1315i	0.5920-6.2400i
68.0	2.9338-0.8853i	-0.2610+0.0928i	1.5872-1.7413i	1.4255-0.9959i	-0.3313+0.4002i	-4.9417+1.0728i	0.3098+1.1144i	0.0268-6.0937i
68.1	2.8783-0.9480i	-0.2411+0.0999i	1.5332-1.7662i	1.3723-0.9672i	-0.2646+0.4146i	-4.9050+1.2738i	0.4020+1.1608i	-0.2458-5.6975i
68.2	2.9196-1.0662i	-0.2349+0.1142i	1.5627-1.9064i	1.3706-0.9801i	-0.2334+0.5035i	-5.0024+1.5917i	0.6319+1.0281i	-0.5258-5.6720i
68.3	2.9159-1.1096i	-0.2503+0.0772i	1.7039-2.0208i	1.4061-1.0115i	-0.1990+0.4914i	-5.0475+1.8137i	0.8017+0.7407i	-0.8297-5.2511i
68.4	2.8620-1.2272i	-0.2317+0.0700i	1.6568-2.1886i	1.3670-1.0661i	-0.1607+0.5223i	-4.9585+2.1243i	0.7903+0.5605i	-1.0765-4.7997i
68.5	2.8808-1.3028i	-0.2513+0.0357i	1.5657-2.3449i	1.3557-1.0605i	-0.1774+0.7047i	-4.8713+2.4295i	0.8699+0.4141i	-1.1988-4.4288i
68.6	2.9746-1.3878i	-0.3107+0.0243i	1.5836-2.5515i	1.3793-1.0952i	-0.2031+0.7184i	-4.9022+2.7775i	0.9255+0.1770i	-1.1480-4.3975i

68.7	2.9159-1.4286i	-0.3172+0.0298i	1.5621-2.6683i	1.3629-1.0665i	-0.1233+0.6912i	-4.7093+3.0497i	1.0259+0.1097i	-1.4486-4.0312i
68.8	2.8456-1.4406i	-0.2890+0.0386i	1.5531-2.6881i	1.3452-1.0286i	-0.1250+0.7585i	-4.6267+3.1490i	0.9974+0.3888i	-1.8182-4.1008i
68.9	2.8399-1.5325i	-0.3002+0.0297i	1.4094-2.8472i	1.3465-1.0700i	-0.0948+0.8276i	-4.4692+3.4202i	1.0205+0.1544i	-1.5919-3.9226i
69.0	2.8516-1.5755i	-0.3142+0.0135i	1.3011-3.0442i	1.3516-1.1004i	-0.0135+0.8255i	-4.3049+3.7682i	0.9174-0.0727i	-1.4852-3.6287i
69.1	2.8326-1.6415i	-0.2953+0.0195i	1.2794-3.1254i	1.3922-1.1415i	0.0608+0.8121i	-4.1829+3.9304i	1.0214-0.0903i	-1.7058-3.3911i
69.2	2.9331-1.7382i	-0.3100+0.0049i	1.1620-3.1813i	1.4568-1.2107i	0.0276+0.7250i	-4.0023+4.1329i	0.9794-0.1109i	-1.3807-3.5944i
69.3	2.9248-1.7753i	-0.3301-0.0037i	0.9844-3.2302i	1.4487-1.2046i	0.0932+0.6966i	-3.7115+4.2166i	1.0590-0.1973i	-1.3990-3.0403i
69.4	2.9646-1.7877i	-0.3192-0.0052i	0.9575-3.1846i	1.4680-1.1937i	0.0776+0.7855i	-3.5450+4.1533i	1.1103-0.2086i	-1.6990-3.3815i
69.5	2.9545-1.8770i	-0.3407-0.0352i	0.8409-3.2721i	1.4769-1.2561i	0.1295+0.7482i	-3.3125+4.2740i	1.0791-0.5239i	-1.6882-3.0254i
69.6	3.0263-1.9183i	-0.3631-0.0637i	0.8452-3.3395i	1.5272-1.2981i	0.1488+0.8171i	-3.2897+4.3335i	1.0795-0.5630i	-1.6122-2.8496i
69.7	3.0847-1.9568i	-0.3772-0.0739i	0.8253-3.4108i	1.5310-1.3268i	0.0948+0.8573i	-3.2539+4.4158i	1.0998-0.6291i	-1.8197-2.8894i
69.8	3.1162-2.1166i	-0.4128-0.0548i	0.8170-3.4324i	1.5324-1.4499i	0.2122+0.8538i	-3.1346+4.4033i	1.0573-0.5544i	-1.8433-2.9620i
69.9	3.0918-2.3251i	-0.4644-0.0310i	0.7044-3.5593i	1.4727-1.6013i	0.3252+0.8791i	-2.9493+4.5806i	0.8687-0.7641i	-1.6004-3.0672i
70.0	3.1364-2.4609i	-0.5060-0.0608i	0.6711-3.6760i	1.5325-1.7170i	0.4814+1.0215i	-2.8151+4.7184i	0.8812-0.9445i	-1.5260-2.7937i
70.1	3.1867-2.5481i	-0.5327-0.0592i	0.6690-3.6141i	1.5416-1.7416i	0.5280+1.0228i	-2.7683+4.7260i	0.9103-0.7565i	-1.7451-2.8139i
70.2	3.3446-2.6850i	-0.5945-0.0400i	0.6204-3.7316i	1.5720-1.7959i	0.5502+0.9375i	-2.7412+4.8576i	0.7889-0.7799i	-1.5049-3.0834i
70.3	3.2668-2.9508i	-0.6218+0.0020i	0.4867-3.8530i	1.4784-1.9491i	0.6646+0.8737i	-2.5631+4.9710i	0.6336-0.8617i	-1.5279-3.2357i
70.4	3.3140-3.2301i	-0.6597+0.0410i	0.4510-4.0043i	1.4829-2.0673i	0.8133+0.8273i	-2.4709+5.1842i	0.5890-0.9886i	-1.9548-3.2893i
70.5	3.2959-3.3306i	-0.6618+0.0987i	0.4077-4.0138i	1.4299-2.0410i	0.7444+0.7868i	-2.4175+5.1413i	0.3605-0.7554i	-2.2542-3.6139i
70.6	3.2627-3.7443i	-0.6971+0.2074i	0.2071-4.2077i	1.3749-2.2013i	0.8457+0.6612i	-2.1837+5.3640i	0.2623-0.8124i	-2.3449-4.0337i
70.7	3.3374-4.1036i	-0.7469+0.2496i	0.1297-4.4289i	1.4369-2.3416i	0.8730+0.6016i	-2.0848+5.7430i	0.4270-0.8330i	-2.4253-4.2353i
70.8	3.1697-4.3871i	-0.7229+0.3276i	0.0240-4.5598i	1.4050-2.4067i	0.9018+0.5741i	-1.9104+5.9272i	0.4190-0.6502i	-2.8295-4.0769i
70.9	2.9582-4.5384i	-0.6930+0.3506i	-0.1022-4.5353i	1.3352-2.4488i	0.9363+0.6003i	-1.7631+5.9484i	0.4422-0.5850i	-3.0587-3.9214i
71.0	2.5683-4.9495i	-0.6685+0.4168i	-0.4002-4.7386i	1.1911-2.6985i	1.0403+0.6105i	-1.2573+6.2629i	0.4244-0.7356i	-3.5600-3.7368i
71.1	2.2246-5.1144i	-0.6176+0.4168i	-0.6050-4.8371i	1.0468-2.8071i	1.0420+0.4960i	-0.9116+6.4037i	0.4131-0.8284i	-3.9858-3.2934i
71.2	1.8379-5.1710i	-0.5638+0.3934i	-0.8489-4.7986i	0.8627-2.8954i	0.9522+0.5412i	-0.5834+6.3807i	0.3485-0.9070i	-4.0887-2.9325i
71.3	1.4282-5.3065i	-0.4920+0.3941i	-1.1974-4.9728i	0.6564-3.0174i	0.9439+0.5995i	-0.1092+6.5152i	0.3674-0.9971i	-4.6180-2.5458i
71.4	0.9874-5.3185i	-0.4965+0.4375i	-1.5550-4.8497i	0.3713-3.0330i	1.0411+0.5452i	0.4132+6.3310i	0.1478-1.0337i	-4.6020-2.5269i
71.5	0.7702-5.4878i	-0.5222+0.4511i	-1.7253-4.9595i	0.2489-3.1389i	1.1758+0.4009i	0.6615+6.4893i	0.2283-0.9487i	-4.9375-2.3089i
71.6	0.4016-5.3942i	-0.5356+0.4709i	-1.9610-4.9903i	0.0529-3.1085i	1.2387+0.2443i	1.0483+6.4509i	0.3016-1.1763i	-4.7068-1.8798i
71.7	0.1341-5.3496i	-0.5529+0.4799i	-2.2067-4.8841i	-0.0834-3.0974i	1.2781+0.2815i	1.4054+6.3116i	0.0721-1.1895i	-4.7817-1.7732i
71.8	-0.0811-5.2900i	-0.5550+0.5035i	-2.4299-4.7525i	-0.2191-3.0689i	1.3759+0.1450i	1.6709+6.0688i	0.0850-1.0273i	-4.8236-1.6948i
71.9	-0.5057-5.1687i	-0.5322+0.5389i	-2.7861-4.5886i	-0.4685-3.0141i	1.3842+0.0223i	2.1169+5.8246i	-0.0599-1.0408i	-4.8885-1.0830i
72.0	-0.8190-4.9696i	-0.4771+0.5293i	-3.0660-4.3494i	-0.6268-2.9177i	1.4266-0.1171i	2.3711+5.5836i	-0.2201-1.1050i	-4.9188-0.5326i
72.1	-0.9121-4.7938i	-0.4543+0.5316i	-3.1825-4.2872i	-0.6926-2.8269i	1.3210-0.1854i	2.4675+5.4341i	-0.2125-1.0954i	-4.7654-0.3997i
72.2	-1.0537-4.6041i	-0.4550+0.5472i	-3.3070-4.1809i	-0.7802-2.7627i	1.2986-0.2885i	2.6705+5.2699i	-0.0811-1.0676i	-4.5489-0.0722i
72.3	-1.3019-4.4049i	-0.4258+0.5467i	-3.5486-3.9790i	-0.9403-2.6893i	1.1890-0.3776i	2.9923+4.9924i	-0.2324-1.0577i	-4.3978+0.3252i
72.4	-1.5342-4.1064i	-0.3989+0.5610i	-3.7589-3.6666i	-1.1407-2.5383i	1.1383-0.4185i	3.2446+4.5748i	-0.4967-0.9243i	-4.0549+0.7421i
72.5	-1.5237-4.0762i	-0.3959+0.5626i	-3.8315-3.7510i	-1.1470-2.5300i	1.0536-0.4572i	3.3120+4.6386i	-0.4262-0.9766i	-4.1586+0.8434i
72.6	-1.5570-3.8386i	-0.3956+0.5875i	-3.9321-3.5066i	-1.2356-2.3670i	1.0007-0.5508i	3.4376+4.2936i	-0.4753-0.5705i	-3.7058+0.8766i
72.7	-1.6605-3.5832i	-0.3629+0.5750i	-4.0174-3.2141i	-1.3327-2.2213i	0.9964-0.5896i	3.5307+3.9182i	-0.5201-0.6927i	-3.4692+1.1027i
72.8	-1.7604-3.4615i	-0.3268+0.6090i	-4.2426-2.9915i	-1.4243-2.1235i	0.9090-0.6402i	3.7166+3.6518i	-0.6945-0.8913i	-3.4367+0.9251i
72.9	-1.7514-3.3345i	-0.3085+0.6152i	-4.2400-2.7813i	-1.4035-2.0185i	0.8332-0.5925i	3.6956+3.4672i	-0.5283-0.6553i	-3.3291+0.9748i
73.0	-1.8097-3.1513i	-0.2936+0.6088i	-4.3879-2.5628i	-1.4754-1.8923i	0.7697-0.5875i	3.8296+3.2018i	-0.7259-0.5911i	-3.0319+1.0562i
73.1	-1.7972-3.0581i	-0.2780+0.6331i	-4.4660-2.4976i	-1.4939-1.8163i	0.7938-0.6310i	3.8495+3.0930i	-0.6464-0.6874i	-2.9321+0.9578i
73.2	-1.7741-2.9320i	-0.2646+0.6330i	-4.5537-2.2711i	-1.4942-1.7069i	0.7363-0.6185i	3.9072+2.8626i	-0.7304-0.5908i	-2.7776+0.9417i
73.3	-1.7114-2.7733i	-0.2649+0.6115i	-4.4491-1.9889i	-1.4745-1.5776i	0.6294-0.5883i	3.8190+2.5996i	-0.7625-0.4242i	-2.6055+0.9989i
73.4	-1.7250-2.7437i	-0.2690+0.5840i	-4.6705-1.9975i	-1.5428-1.5286i	0.6700-0.5466i	4.0001+2.5606i	-0.7240-0.5258i	-2.5061+0.9937i
73.5	-1.7145-2.7212i	-0.2847+0.5708i	-4.7752-1.9171i	-1.5451-1.4727i	0.7085-0.5987i	4.1044+2.4597i	-0.8653-0.5063i	-2.4152+1.0009i
73.6	-1.7108-2.5984i	-0.2745+0.5586i	-4.6813-1.6675i	-1.5087-1.3812i	0.6899-0.5509i	4.0560+2.2473i	-0.9117-0.4088i	-2.3763+1.0258i
73.7	-1.7307-2.5129i	-0.2625+0.5546i	-4.7219-1.4615i	-1.5105-1.2950i	0.6345-0.5149i	4.1003+2.0268i	-0.9730-0.3125i	-2.3565+0.9481i
73.8	-1.7078-2.4276i	-0.2480+0.5655i	-4.7101-1.1817i	-1.4649-1.1878i	0.6423-0.5400i	4.0055+1.7319i	-0.9844-0.2657i	-2.3557+0.8339i
73.9	-1.6578-2.3317i	-0.2635+0.5724i	-4.6594-0.9558i	-1.3841-1.0738i	0.6727-0.5475i	3.8847+1.4764i	-0.9219-0.2389i	-2.3153+0.7387i
74.0	-1.6474-2.2774i	-0.2706+0.5679i	-4.6488-0.8060i	-1.3452-1.0206i	0.5983-0.5415i	3.8290+1.3657i	-0.9013+0.0349i	-2.4097+0.8986i
74.1	-1.6416-2.2582i	-0.2653+0.5824i	-4.5817-0.5699i	-1.3114-0.9925i	0.6385-0.5394i	3.7674+1.2052i	-0.8179+0.0805i	-2.4169+0.9036i
74.2	-1.6367-2.2046i	-0.2561+0.5967i	-4.6056-0.2885i	-1.3050-0.9354i	0.6717-0.5894i	3.7355+1.0193i	-0.7940+0.1663i	-2.5330+0.8453i
74.3	-1.6541-2.1276i	-0.2384+0.5963i	-4.5952-0.0772i	-1.2789-0.8929i	0.5831-0.6904i	3.7003+0.9008i	-0.9101+0.2578i	-2.5973+1.0258i
74.4	-1.6517-2.0738i	-0.2209+0.6271i	-4.5532+0.1520i	-1.2434-0.8395i	0.4832-0.7037i	3.5860+0.7143i	-0.7822+0.4625i	-2.6275+1.1088i
74.5	-1.6387-2.0499i	-0.2232+0.6319i	-4.4476+0.2910i	-1.2295-0.8231i	0.5167-0.6939i	3.5576+0.6133i	-0.6463+0.5811i	-2.5589+1.1323i
74.6	-1.6109-1.9990i	-0.2291+0.6242i	-4.3364+0.3503i	-1.1886-0.8250i	0.5102-0.6929i	3.5153+0.5952i	-0.8217+0.4307i	-2.4430+1.1277i
74.7	-1.6160-1.9705i	-0.2216+0.6240i	-4.3482+0.6064i	-1.1749-0.7978i	0.4348-0.7181i	3.5052+0.4887i	-0.8939+0.2816i	-2.4998+1.1343i
74.8	-1.6173-1.9217i	-0.1789+0.6577i	-4.2202+0.8912i	-1.1417-0.7245i	0.4480-0.7584i	3.3612+0.2900i	-0.3467+0.4925i	-2.6253+1.2512i
74.9	-1.6910-1.9054i	-0.1562+0.6754i	-4.0851+1.0982i	-1.1874-0.7049i	0.4166-0.8101i	3.3983+0.1645i	-0.2460+0.6764i	-2.7226+1.5025i

75.0	−1.6848−1.8419i	−0.1593+0.6724i	−3.8805+1.2004i	−1.1740−0.7056i	0.4278−0.8235i	3.3447+0.0710i	−0.4059+0.7087i	−2.5946+1.5986i
75.1	−1.6423−1.8105i	−0.1872+0.6703i	−3.8810+1.3406i	−1.1166−0.6844i	0.4460−0.7899i	3.3372+0.0010i	−0.2345+0.5504i	−2.4016+1.6955i
75.2	−1.6412−1.7697i	−0.1754+0.6732i	−3.6791+1.3716i	−1.1064−0.6591i	0.4250−0.8306i	3.3034−0.0265i	−0.0316+0.3902i	−2.3014+1.7700i
75.3	−1.6331−1.7558i	−0.1700+0.7000i	−3.6635+1.5539i	−1.1090−0.6529i	0.3861−0.8400i	3.2785−0.1373i	−0.0635+0.5670i	−2.2293+1.8300i
75.4	−1.6486−1.7591i	−0.1620+0.7104i	−3.5222+1.6469i	−1.1170−0.6668i	0.4818−0.9084i	3.2852−0.2027i	−0.0954+0.6065i	−2.1608+1.8969i
75.5	−1.6129−1.6875i	−0.1584+0.6918i	−3.2641+1.6269i	−1.1031−0.6299i	0.3387−0.9052i	3.2086−0.2699i	−0.0508+0.6567i	−1.9612+1.9410i
75.6	−1.6309−1.6348i	−0.1402+0.6786i	−3.1110+1.6195i	−1.1044−0.6041i	0.2646−0.8256i	3.2548−0.3625i	0.1518+0.3563i	−1.8087+1.9448i
75.7	−1.6389−1.6385i	−0.1192+0.6953i	−2.9837+1.6676i	−1.1032−0.5975i	0.2452−0.8974i	3.2561−0.3974i	0.3140+0.4345i	−1.8597+2.0216i
75.8	−1.6787−1.5661i	−0.0848+0.7080i	−2.5862+1.8158i	−1.0999−0.5251i	0.1625−0.9294i	3.1146−0.5530i	0.4774+0.4131i	−1.7479+2.2266i
75.9	−1.6087−1.5157i	−0.1007+0.6934i	−2.5523+1.6946i	−1.0608−0.5202i	0.1118−0.8483i	3.1110−0.5180i	0.2609+0.1359i	−1.5025+2.1715i
76.0	−1.7423−1.4873i	−0.0737+0.7245i	−2.4048+1.8964i	−1.1024−0.4826i	0.1068−0.8167i	3.1814−0.8221i	0.4584−0.0386i	−1.4219+2.1694i
76.1	−1.7589−1.4625i	−0.0538+0.7326i	−2.2724+1.9261i	−1.0984−0.4566i	0.0908−0.8231i	3.1389−0.9718i	0.5302+0.0313i	−1.2902+2.2634i
76.2	−1.7400−1.4973i	−0.0706+0.7587i	−2.2609+2.0641i	−1.1057−0.4461i	0.0371−0.8952i	3.2036−1.0852i	0.2318+0.2556i	−1.3093+2.2358i
76.3	−1.7536−1.4863i	−0.0496+0.7692i	−2.1512+1.9847i	−1.1047−0.4307i	0.0241−0.9265i	3.1958−1.1457i	0.1345+0.3135i	−1.2497+2.2251i
76.4	−1.7977−1.4123i	−0.0178+0.7738i	−1.9942+1.9019i	−1.0941−0.3836i	−0.0099−0.9182i	3.1282−1.3081i	0.1519+0.2666i	−1.1183+2.2236i
76.5	−1.8243−1.3435i	0.0115+0.7834i	−1.8605+1.8862i	−1.0603−0.3744i	−0.0095−0.8370i	3.0232−1.5156i	0.2242+0.3928i	−1.0356+2.1901i
76.6	−1.8140−1.2653i	0.0255+0.7692i	−1.7027+1.8125i	−1.0658−0.3500i	−0.0374−0.8136i	2.9875−1.6223i	0.3764+0.3411i	−0.9816+2.1739i
76.7	−1.8273−1.2318i	0.0059+0.8014i	−1.6725+1.9125i	−1.0881−0.3153i	−0.1162−0.8478i	3.0645−1.9606i	0.1464+0.1727i	−0.7982+2.1250i
76.8	−1.8496−1.2210i	0.0140+0.8153i	−1.6032+1.9649i	−1.1068−0.2783i	−0.1371−0.8090i	3.1034−2.1207i	0.1797+0.2914i	−0.8010+2.0821i
76.9	−1.7902−1.1357i	0.0380+0.7800i	−1.5357+1.7478i	−1.0547−0.2550i	−0.1653−0.7695i	2.8273−2.1044i	0.2859+0.4103i	−0.7380+1.9944i
77.0	−1.7640−1.0964i	0.0564+0.7753i	−1.5058+1.5973i	−1.0103−0.2186i	−0.2715−0.6873i	2.7044−2.2217i	0.3672+0.2352i	−0.6796+2.0608i
77.1	−1.8174−1.0717i	0.1133+0.8233i	−1.4165+1.8075i	−0.9675−0.1884i	−0.2415−0.7357i	2.4601−2.6005i	0.5358+0.4624i	−0.7854+2.0950i
77.2	−1.7645−1.0250i	0.1122+0.8449i	−1.3771+1.8057i	−0.9336−0.1878i	−0.1968−0.7229i	2.2268−2.7299i	0.4893+0.5439i	−0.7560+1.9365i
77.3	−1.8324−0.9248i	0.1866+0.7904i	−1.0575+1.7669i	−0.9261−0.2307i	−0.2957−0.6512i	1.9628−2.6591i	0.7968+0.3627i	−0.6742+2.0163i
77.4	−1.8413−0.9031i	0.1954+0.7674i	−1.0194+1.7800i	−0.9495−0.2236i	−0.2815−0.6280i	1.9796−2.6601i	0.9138+0.3213i	−0.6728+2.1652i
77.5	−1.8315−0.9329i	0.1934+0.8277i	−1.0543+1.9486i	−0.9672−0.1975i	−0.2541−0.5464i	1.9578−2.9702i	1.0386+0.4390i	−0.7008+2.2381i
77.6	−1.8081−0.9092i	0.1977+0.8612i	−1.0526+1.9979i	−0.9594−0.1797i	−0.2706−0.5899i	1.7562−3.2445i	1.1306+0.3712i	−0.6831+2.2757i
77.7	−1.7585−0.8923i	0.2184+0.8770i	−1.0665+1.9181i	−0.9362−0.1594i	−0.3154−0.5983i	1.4508−3.3211i	1.1052+0.4343i	−0.6890+2.2698i
77.8	−1.7501−0.8332i	0.2487+0.8381i	−0.9643+1.7799i	−0.9309−0.1442i	−0.2392−0.5237i	1.2237−3.3052i	1.3292+0.0710i	−0.6949+2.4105i
77.9	−1.7028−0.7445i	0.2475+0.7806i	−0.7843+1.6484i	−0.9373−0.1412i	−0.2785−0.5089i	1.0924−3.2753i	1.0235−0.3392i	−0.3192+2.2575i
78.0	−1.8123−0.7134i	0.3369+0.8235i	−0.5050+1.7828i	−0.9659−0.0970i	−0.2887−0.4979i	0.8292−3.5274i	1.1936−0.3014i	−0.2305+2.4205i
78.1	−1.7780−0.6161i	0.3872+0.7690i	−0.4389+1.6698i	−0.9091−0.0876i	−0.2934−0.5178i	0.3810−3.4048i	1.1294−0.7453i	0.0239+2.5180i
78.2	−1.7354−0.5733i	0.4084+0.7539i	−0.4653+1.5186i	−0.9066−0.0536i	−0.3535−0.4852i	0.0170−3.3113i	1.1414−0.9433i	0.1361+2.4573i
78.3	−1.7284−0.5750i	0.4215+0.7649i	−0.4066+1.5401i	−0.9497−0.0406i	−0.2847−0.4297i	−0.1657−3.2680i	0.8108−0.5548i	0.1188+2.3598i
78.4	−1.6777−0.5304i	0.4307+0.7407i	−0.3647+1.4355i	−0.9362+0.0015i	−0.2497−0.4447i	−0.3517−3.1947i	1.0020−0.3746i	0.1158+2.1125i
78.5	−1.7446−0.5625i	0.4549+0.7970i	−0.2149+1.6241i	−0.9878+0.0483i	−0.3174−0.3693i	−0.4759−3.3479i	0.8653−0.3815i	0.3744+2.1714i
78.6	−1.6434−0.5328i	0.4344+0.7451i	−0.3913+1.4122i	−0.9599+0.0104i	−0.2568−0.4443i	−0.7620−2.9664i	0.5998−0.8276i	0.4755+2.1110i
78.7	−1.6578−0.3791i	0.4593+0.6478i	−0.3317+1.3197i	−0.9363+0.0532i	−0.1783−0.3806i	−0.9244−2.7318i	0.5246−1.1099i	0.6840+2.1822i
78.8	−1.6511−0.3757i	0.4447+0.6543i	−0.4026+1.1832i	−0.9312+0.1050i	−0.1565−0.3845i	−0.8994−2.9126i	0.4622−0.7357i	0.6798+1.9982i
78.9	−1.6095−0.5162i	0.3993+0.7026i	−0.6874+1.4122i	−0.9537+0.0753i	−0.1599−0.4034i	−0.7817−2.8535i	0.6089−0.9316i	0.4539+2.1290i
79.0	−1.7130−0.4285i	0.4696+0.7225i	−0.4869+1.5963i	−1.0033+0.1758i	−0.1704−0.4427i	−1.0577−2.9335i	0.7705−1.2087i	0.5542+2.2411i
79.1	−1.7322−0.2303i	0.5621+0.6919i	−0.0396+1.4653i	−0.9790+0.3347i	−0.3109−0.4126i	−1.4363−2.9807i	0.4266−0.8535i	0.9020+1.8926i
79.2	−1.6634−0.1292i	0.5928+0.6405i	0.0025+1.2701i	−0.9321+0.3933i	−0.2826−0.3723i	−1.7933−2.7100i	0.4342−1.0630i	0.9308+1.9308i
79.3	−1.4386−0.0995i	0.5486+0.5698i	−0.1657+1.0377i	−0.8173+0.4074i	−0.1866−0.3237i	−1.8706−2.2144i	0.5077−1.0639i	0.7467+1.7960i
79.4	−1.4326−0.0694i	0.6003+0.5558i	−0.0514+1.0687i	−0.7318+0.4617i	−0.2713−0.3536i	−2.1752−1.9763i	0.2870−0.9958i	0.8370+1.5271i
79.5	−1.3762−0.0708i	0.6082+0.5433i	0.0331+1.0632i	−0.6719+0.4807i	−0.2619−0.3680i	−2.1809−1.8284i	0.0986−0.8791i	0.9971+1.3662i
79.6	−1.3036−0.0732i	0.5994+0.5130i	−0.0343+0.9773i	−0.6000+0.5121i	−0.2361−0.3426i	−2.0714−1.6268i	0.1085−0.9540i	0.9529+1.3909i
79.7	−1.2183−0.2203i	0.5853+0.5575i	−0.1673+1.0584i	−0.5565+0.4627i	−0.1849−0.4075i	−2.1273−1.4849i	0.1794−0.9359i	0.7954+1.3914i
79.8	−1.1550−0.2306i	0.5737+0.5171i	−0.1368+0.9984i	−0.5041+0.4588i	−0.1959−0.3775i	−2.0053−1.1576i	0.0422−1.0397i	0.8284+1.3429i
79.9	−1.2011−0.1474i	0.5983+0.4582i	0.0575+1.0019i	−0.4910+0.4683i	−0.1430−0.3274i	−2.0524−0.9386i	−0.1133−1.0493i	1.0071+1.2879i
80.0	−1.2500−0.1786i	0.6366+0.4437i	0.1194+0.9290i	−0.4248+0.4321i	−0.2116−0.4005i	−2.1197−0.9419i	−0.0911−1.1342i	1.0266+1.2173i

2.1.96 Run 8 – VT315-200 – Accels 41–47

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	15.7584+0.0000i	9.4508+0.0000i	-4.3806+0.0000i	5.7314+0.0000i	8.3472+0.0000i	10.5280+0.0000i	2.6254+0.0000i
0.1	2.0569-0.7093i	1.1301-0.2395i	-0.5988-0.1272i	0.8381-0.0269i	1.4991+0.3081i	1.8693-0.0427i	0.0910-0.3969i
0.2	0.0612-0.2058i	-0.0678+0.0802i	0.0275-0.1422i	-0.1875-0.0730i	-0.1554+0.1169i	-0.4178+0.2435i	-0.2478-0.0389i
0.3	0.0229+0.0330i	0.0073+0.0425i	-0.0422+0.0066i	-0.0638-0.0322i	-0.0108-0.0347i	-0.1691+0.0441i	-0.0501+0.0416i
0.4	-0.0085+0.0289i	-0.0023+0.0141i	-0.0451-0.0122i	-0.0168-0.0231i	0.0011+0.0030i	-0.0687+0.0347i	0.0355+0.0548i
0.5	-0.0109+0.0036i	0.0018-0.0040i	-0.0133-0.0124i	0.0032-0.0047i	-0.0071+0.0145i	-0.0270+0.0124i	0.0203-0.0073i
0.6	-0.0063-0.0033i	0.0025-0.0030i	-0.0073-0.0027i	-0.0032+0.0026i	-0.0108+0.0045i	-0.0046+0.0031i	0.0001-0.0174i
0.7	-0.0052-0.0001i	0.0008+0.0001i	-0.0071-0.0094i	-0.0028+0.0019i	-0.0030-0.0008i	0.0045+0.0101i	-0.0103-0.0066i
0.8	-0.0036-0.0033i	-0.0030-0.0007i	-0.0024-0.0007i	-0.0026-0.0004i	-0.0020-0.0009i	0.0020-0.0024i	-0.0090-0.0059i
0.9	-0.0030+0.0002i	-0.0061-0.0040i	0.0007+0.0052i	-0.0036-0.0013i	-0.0010-0.0017i	0.0020-0.0056i	0.0019+0.0031i
1.0	-0.0026+0.0028i	-0.0012-0.0002i	-0.0042+0.0003i	-0.0041+0.0015i	-0.0034-0.0001i	-0.0097+0.0002i	-0.0081-0.0073i
1.1	-0.0010+0.0039i	0.0006-0.0000i	-0.0067-0.0011i	-0.0028+0.0017i	-0.0035+0.0004i	-0.0084+0.0006i	-0.0034-0.0042i
1.2	-0.0025+0.0006i	-0.0008+0.0020i	-0.0072-0.0007i	-0.0027-0.0010i	-0.0030+0.0018i	-0.0060-0.0001i	-0.0023-0.0009i
1.3	-0.0028-0.0012i	-0.0015+0.0005i	-0.0084-0.0018i	-0.0028-0.0024i	-0.0035-0.0008i	-0.0102-0.0001i	0.0021-0.0103i
1.4	-0.0000-0.0015i	-0.0017+0.0002i	-0.0097-0.0016i	-0.0028-0.0016i	-0.0033-0.0000i	-0.0107-0.0016i	-0.0047-0.0119i
1.5	0.0006+0.0014i	-0.0014+0.0008i	-0.0104-0.0004i	-0.0022-0.0006i	-0.0029-0.0012i	-0.0093+0.0003i	-0.0115-0.0124i
1.6	0.0001-0.0020i	-0.0051-0.0072i	-0.0125+0.0002i	-0.0041+0.0024i	-0.0048-0.0063i	-0.0108+0.0007i	-0.0127+0.0057i
1.7	-0.0055-0.0026i	-0.0193-0.0042i	-0.0150-0.0002i	-0.0012+0.0011i	-0.0206-0.0024i	-0.0173+0.0001i	-0.0109+0.0125i
1.8	-0.0061-0.0004i	-0.0304+0.0011i	-0.0165-0.0022i	-0.0008+0.0004i	-0.0317+0.0028i	-0.0218-0.0008i	-0.0187+0.0090i
1.9	-0.0066+0.0018i	-0.0622+0.0151i	-0.0179-0.0019i	0.0015-0.0011i	-0.0583+0.0161i	-0.0212-0.0007i	-0.0395+0.0168i
2.0	-0.0070+0.0037i	-0.0849+0.1114i	-0.0195-0.0028i	0.0025-0.0119i	-0.0815+0.1095i	-0.0235+0.0013i	-0.0603+0.0934i
2.1	-0.0081+0.0004i	0.1058+0.2699i	-0.0224-0.0047i	-0.0189-0.0271i	0.1027+0.2597i	-0.0226+0.0047i	0.0821+0.2024i
2.2	-0.0132+0.0077i	0.2597-0.1046i	-0.0280-0.0008i	-0.0347+0.0148i	0.2507-0.1029i	-0.0200-0.0034i	0.1972-0.0925i
2.3	-0.0114+0.0077i	-0.0057-0.1564i	-0.0286-0.0015i	-0.0121+0.0172i	-0.0073-0.1496i	-0.0294-0.0044i	-0.0137-0.1254i
2.4	-0.0051+0.0204i	-0.0183-0.0591i	-0.0303+0.0004i	-0.0055+0.0236i	-0.0203-0.0560i	-0.0317-0.0012i	-0.0219-0.0514i
2.5	0.0109+0.0140i	0.0037-0.0300i	-0.0321-0.0011i	0.0093+0.0156i	0.0011-0.0289i	-0.0346-0.0003i	-0.0019-0.0234i
2.6	0.0088+0.0049i	-0.0025-0.0357i	-0.0341-0.0018i	0.0065+0.0073i	-0.0033-0.0354i	-0.0355-0.0018i	-0.0119-0.0247i
2.7	0.0092+0.0038i	-0.0116-0.0248i	-0.0364-0.0017i	0.0065+0.0045i	-0.0116-0.0263i	-0.0387-0.0021i	-0.0197-0.0195i
2.8	0.0054+0.0037i	-0.0081-0.0152i	-0.0396-0.0040i	0.0042+0.0033i	-0.0085-0.0173i	-0.0430-0.0028i	-0.0205-0.0120i
2.9	0.0023+0.0036i	-0.0040-0.0111i	-0.0451-0.0042i	0.0029+0.0041i	-0.0049-0.0101i	-0.0489-0.0018i	-0.0176-0.0123i
3.0	0.0037+0.0020i	-0.0021-0.0085i	-0.0495-0.0038i	0.0014+0.0029i	-0.0026-0.0079i	-0.0522-0.0009i	-0.0085-0.0085i
3.1	0.0042+0.0020i	-0.0011-0.0084i	-0.0538-0.0040i	0.0000+0.0010i	-0.0019-0.0085i	-0.0552-0.0035i	-0.0043-0.0039i
3.2	0.0039+0.0023i	0.0003-0.0079i	-0.0586-0.0035i	0.0019+0.0023i	0.0002-0.0074i	-0.0609-0.0012i	-0.0110-0.0078i
3.3	0.0008+0.0021i	-0.0008-0.0084i	-0.0648-0.0034i	0.0004+0.0030i	-0.0019-0.0086i	-0.0660-0.0031i	-0.0064-0.0136i
3.4	-0.0017+0.0036i	-0.0037-0.0094i	-0.0706-0.0056i	-0.0014+0.0023i	-0.0047-0.0087i	-0.0730-0.0029i	0.0038-0.0130i
3.5	-0.0052+0.0046i	-0.0093-0.0079i	-0.0745-0.0035i	-0.0005+0.0026i	-0.0122-0.0056i	-0.0817+0.0029i	-0.0011-0.0061i
3.6	-0.0048+0.0033i	-0.0133+0.0021i	-0.0797-0.0026i	-0.0014+0.0000i	-0.0171+0.0056i	-0.0850-0.0014i	-0.0240+0.0181i
3.7	0.0014+0.0037i	0.0142+0.0111i	-0.0850+0.0072i	0.0037+0.0004i	0.0213+0.0159i	-0.0933+0.0058i	-0.0032+0.0151i
3.8	-0.0004+0.0016i	0.0144+0.0026i	-0.0912+0.0031i	0.0004+0.0011i	0.0166+0.0042i	-0.1022+0.0036i	-0.0008-0.0028i
3.9	-0.0001+0.0009i	0.0117-0.0010i	-0.0965+0.0002i	-0.0016+0.0011i	0.0128-0.0006i	-0.1058+0.0002i	-0.0044-0.0014i
4.0	-0.0007-0.0001i	0.0071-0.0016i	-0.1024-0.0020i	-0.0018-0.0006i	0.0079-0.0011i	-0.1123-0.0014i	-0.0107-0.0042i
4.1	-0.0016-0.0007i	0.0058+0.0007i	-0.1103-0.0026i	-0.0027-0.0009i	0.0062+0.0019i	-0.1195-0.0024i	-0.0134-0.0012i
4.2	-0.0014-0.0008i	0.0052+0.0020i	-0.1179-0.0026i	-0.0023-0.0012i	0.0055+0.0022i	-0.1285-0.0028i	-0.0154+0.0023i
4.3	-0.0017-0.0020i	0.0031+0.0031i	-0.1275-0.0048i	-0.0026-0.0027i	0.0034+0.0035i	-0.1397-0.0038i	-0.0147+0.0023i
4.4	-0.0022-0.0032i	0.0012+0.0072i	-0.1371-0.0064i	-0.0042-0.0025i	0.0037+0.0068i	-0.1489-0.0042i	-0.0157+0.0086i
4.5	-0.0035-0.0036i	0.0017+0.0136i	-0.1502-0.0064i	-0.0057-0.0024i	0.0031+0.0116i	-0.1605+0.0001i	-0.0186+0.0106i
4.6	-0.0021-0.0025i	0.0021+0.0197i	-0.1616-0.0056i	-0.0042-0.0040i	0.0036+0.0160i	-0.1700+0.0002i	-0.0164+0.0108i
4.7	-0.0054+0.0040i	0.0186+0.0416i	-0.1751-0.0007i	-0.0068+0.0028i	0.0173+0.0356i	-0.1813+0.0034i	-0.0012+0.0272i
4.8	0.0002+0.0046i	0.0563+0.0345i	-0.1807+0.0053i	0.0003+0.0028i	0.0546+0.0320i	-0.1908+0.0071i	0.0257+0.0280i
4.9	0.0029-0.0033i	0.0615-0.0059i	-0.1912-0.0048i	-0.0005-0.0042i	0.0610-0.0076i	-0.2020-0.0023i	0.0201-0.0063i
5.0	-0.0051+0.0022i	0.0204-0.0160i	-0.2311-0.0155i	-0.0052+0.0048i	0.0222-0.0201i	-0.2435-0.0104i	-0.0096-0.0217i
5.1	0.0016+0.0047i	0.0163-0.0108i	-0.2432-0.0185i	0.0028+0.0056i	0.0177-0.0194i	-0.2559-0.0075i	-0.0173-0.0206i
5.2	0.0081-0.0049i	0.0174-0.0067i	-0.2643-0.0172i	0.0109-0.0056i	0.0116-0.0178i	-0.2660-0.0012i	-0.0198-0.0177i
5.3	-0.0041-0.0261i	0.0212-0.0105i	-0.2961-0.0134i	0.0005-0.0272i	0.0053-0.0094i	-0.2774-0.0121i	-0.0236-0.0106i
5.4	-0.0349-0.0257i	0.0035-0.0237i	-0.3360-0.0059i	-0.0360-0.0311i	-0.0012-0.0079i	-0.3333-0.0371i	-0.0411-0.0183i
5.5	-0.0334-0.0036i	-0.0170-0.0048i	-0.3643+0.0022i	-0.0348-0.0039i	-0.0075+0.0055i	-0.3850-0.0132i	-0.0540-0.0047i
5.6	-0.0320+0.0102i	-0.0008+0.0293i	-0.4109+0.0160i	-0.0307+0.0107i	0.0055+0.0326i	-0.4332+0.0120i	-0.0444+0.0296i

5.7	-0.0267+0.0114i	0.0234+0.0358i	-0.4371+0.0188i	-0.0243+0.0120i	0.0297+0.0367i	-0.4609+0.0198i	-0.0237+0.0326i
5.8	-0.0252+0.0137i	0.0381+0.0278i	-0.4810+0.0288i	-0.0205+0.0147i	0.0430+0.0257i	-0.5018+0.0344i	-0.0101+0.0221i
5.9	-0.0217+0.0161i	0.0486+0.0193i	-0.5181+0.0399i	-0.0163+0.0167i	0.0518+0.0160i	-0.5374+0.0456i	-0.0011+0.0139i
6.0	-0.0200+0.0121i	0.0521+0.0025i	-0.5763+0.0401i	-0.0143+0.0139i	0.0524-0.0024i	-0.5924+0.0472i	-0.0040-0.0024i
6.1	-0.0217+0.0145i	0.0429-0.0092i	-0.6557+0.0545i	-0.0163+0.0165i	0.0398-0.0143i	-0.6678+0.0602i	-0.0192-0.0132i
6.2	-0.0208+0.0181i	0.0367-0.0101i	-0.7286+0.0757i	-0.0132+0.0201i	0.0316-0.0147i	-0.7386+0.0801i	-0.0310-0.0139i
6.3	-0.0183+0.0200i	0.0326-0.0066i	-0.8251+0.1080i	-0.0069+0.0228i	0.0280-0.0090i	-0.8348+0.1098i	-0.0365-0.0076i
6.4	-0.0161+0.0229i	0.0302-0.0042i	-0.9233+0.1437i	-0.0016+0.0256i	0.0264-0.0055i	-0.9344+0.1446i	-0.0396-0.0015i
6.5	-0.0096+0.0254i	0.0296-0.0030i	-1.0662+0.2090i	0.0094+0.0259i	0.0251-0.0041i	-1.0763+0.2090i	-0.0445+0.0002i
6.6	-0.0105+0.0276i	0.0287+0.0008i	-1.2584+0.2650i	0.0139+0.0259i	0.0237+0.0007i	-1.2661+0.2649i	-0.0487+0.0062i
6.7	-0.0069+0.0312i	0.0315+0.0055i	-1.4859+0.4004i	0.0239+0.0268i	0.0253+0.0065i	-1.4918+0.3989i	-0.0504+0.0117i
6.8	-0.0003+0.0365i	0.0369+0.0092i	-1.9056+0.5788i	0.0394+0.0274i	0.0284+0.0106i	-1.9055+0.5770i	-0.0501+0.0150i
6.9	0.0109+0.0481i	0.0428+0.0075i	-2.3937+1.0063i	0.0617+0.0281i	0.0329+0.0093i	-2.3835+0.9988i	-0.0515+0.0215i
7.0	0.0420+0.0588i	0.0422+0.0005i	-2.8780+2.1926i	0.1023+0.0118i	0.0307+0.0090i	-2.8549+2.1645i	-0.0574+0.0331i
7.1	0.1045+0.0465i	0.0296+0.0032i	-2.7527+4.1161i	0.1616-0.0465i	0.0209+0.0203i	-2.7252+4.0515i	-0.0611+0.0580i
7.2	0.1356-0.0383i	0.0346+0.0375i	-0.4631+5.6554i	0.1384-0.1714i	0.0367+0.0584i	-0.4708+5.5515i	-0.0273+0.0884i
7.3	0.0932-0.0948i	0.0868+0.0278i	1.8303+4.9461i	0.0380-0.2079i	0.0980+0.0427i	1.7772+4.8411i	0.0334+0.0579i
7.4	0.0523-0.1206i	0.0787-0.0226i	3.2301+3.3404i	-0.0334-0.1897i	0.0939-0.0152i	3.1322+3.2527i	0.0318-0.0085i
7.5	0.0098-0.1260i	0.0517-0.0203i	3.1189+1.8153i	-0.0686-0.1593i	0.0646-0.0187i	3.0089+1.7604i	-0.0053-0.0237i
7.6	-0.0216-0.1126i	0.0489-0.0069i	2.5194+1.0295i	-0.0861-0.1298i	0.0587-0.0070i	2.4136+0.9962i	-0.0248-0.0175i
7.7	-0.0305-0.1017i	0.0524-0.0053i	2.0972+0.8053i	-0.0866-0.1141i	0.0607-0.0048i	1.9937+0.7801i	-0.0311-0.0142i
7.8	-0.0347-0.1039i	0.0532-0.0065i	1.8759+0.6819i	-0.0850-0.1124i	0.0609-0.0061i	1.7713+0.6610i	-0.0368-0.0143i
7.9	-0.0460-0.1101i	0.0512-0.0074i	1.8168+0.6346i	-0.0941-0.1159i	0.0585-0.0077i	1.7093+0.6177i	-0.0424-0.0129i
8.0	-0.0686-0.1117i	0.0525-0.0026i	1.7887+0.4605i	-0.1151-0.1138i	0.0582-0.0030i	1.6777+0.4486i	-0.0470-0.0119i
8.1	-0.0827-0.1112i	0.0559-0.0017i	1.6933+0.3500i	-0.1269-0.1140i	0.0615-0.0025i	1.5794+0.3410i	-0.0499-0.0141i
8.2	-0.0984-0.1109i	0.0545-0.0005i	1.6689+0.2575i	-0.1416-0.1118i	0.0598-0.0010i	1.5503+0.2529i	-0.0509-0.0145i
8.3	-0.1166-0.1057i	0.0535+0.0035i	1.6373+0.1537i	-0.1612-0.1041i	0.0600+0.0030i	1.5141+0.1531i	-0.0567-0.0098i
8.4	-0.1355-0.0989i	0.0550+0.0085i	1.5997+0.0598i	-0.1830-0.0950i	0.0615+0.0067i	1.4719+0.0624i	-0.0625-0.0120i
8.5	-0.1525-0.0911i	0.0585+0.0134i	1.5841-0.0261i	-0.2020-0.0846i	0.0654+0.0113i	1.4503-0.0188i	-0.0653-0.0143i
8.6	-0.1726-0.0774i	0.0644+0.0177i	1.5852-0.1180i	-0.2239-0.0688i	0.0709+0.0158i	1.4398-0.1073i	-0.0670-0.0121i
8.7	-0.1957-0.0666i	0.0687+0.0184i	1.6183-0.2153i	-0.2496-0.0543i	0.0762+0.0160i	1.4607-0.2006i	-0.0695-0.0177i
8.8	-0.2188-0.0448i	0.0706+0.0199i	1.6554-0.3653i	-0.2754-0.0263i	0.0818+0.0164i	1.4847-0.3403i	-0.0747-0.0229i
8.9	-0.2357-0.0154i	0.0718+0.0264i	1.6828-0.5674i	-0.2958+0.0135i	0.0844+0.0202i	1.4974-0.5255i	-0.0799-0.0252i
9.0	-0.2464+0.0155i	0.0769+0.0331i	1.6426-0.8286i	-0.3064+0.0582i	0.0886+0.0241i	1.4481-0.7631i	-0.0839-0.0306i
9.1	-0.2489+0.0343i	0.0853+0.0396i	1.5217-0.9678i	-0.3034+0.0852i	0.0965+0.0285i	1.3253-0.8914i	-0.0829-0.0334i
9.2	-0.2819+0.0750i	0.0932+0.0521i	1.6246-1.3506i	-0.3362+0.1461i	0.1073+0.0372i	1.4001-1.2388i	-0.0749-0.0532i
9.3	-0.2785+0.1650i	0.1156+0.0639i	1.2817-2.0109i	-0.3090+0.2637i	0.1261+0.0412i	1.0690-1.8262i	-0.0886-0.0898i
9.4	-0.1862+0.2402i	0.1523+0.0564i	0.2564-2.2541i	-0.1664+0.3364i	0.1505+0.0292i	0.1275-2.0234i	-0.1423-0.1245i
9.5	-0.0966+0.2268i	0.1699+0.0356i	-0.4239-1.8598i	-0.0477+0.2957i	0.1597+0.0108i	-0.4873-1.6497i	-0.1904-0.1241i
9.6	-0.0392+0.1817i	0.1758+0.0156i	-0.7453-1.2990i	0.0176+0.2211i	0.1621-0.0022i	-0.7761-1.1321i	-0.2295-0.1059i
9.7	-0.0247+0.1337i	0.1686+0.0018i	-0.7129-0.8413i	0.0208+0.1513i	0.1546-0.0099i	-0.7430-0.7145i	-0.2568-0.0801i
9.8	-0.0247+0.1059i	0.1658-0.0008i	-0.6282-0.6162i	0.0105+0.1130i	0.1515-0.0110i	-0.6664-0.5092i	-0.2762-0.0614i
9.9	-0.0302+0.0839i	0.1661+0.0023i	-0.5364-0.4295i	-0.0090+0.0842i	0.1529-0.0067i	-0.5849-0.3403i	-0.2978-0.0354i
10.0	-0.0393+0.0697i	0.1684+0.0039i	-0.4605-0.3201i	-0.0253+0.0669i	0.1563-0.0028i	-0.5215-0.2404i	-0.3105-0.0162i
10.1	-0.0469+0.0575i	0.1753+0.0034i	-0.3997-0.2415i	-0.0384+0.0547i	0.1636-0.0016i	-0.4747-0.1675i	-0.3166-0.0016i
10.2	-0.0536+0.0507i	0.1847+0.0039i	-0.3439-0.1787i	-0.0526+0.0502i	0.1716+0.0009i	-0.4327-0.1050i	-0.3240+0.0169i
10.3	-0.0584+0.0462i	0.1918+0.0034i	-0.3027-0.1314i	-0.0613+0.0494i	0.1792+0.0008i	-0.3968-0.0563i	-0.3291+0.0302i
10.4	-0.0607+0.0427i	0.1963+0.0064i	-0.2698-0.0854i	-0.0643+0.0469i	0.1844+0.0032i	-0.3595-0.0125i	-0.3359+0.0358i
10.5	-0.0663+0.0377i	0.2100+0.0125i	-0.2264-0.0608i	-0.0713+0.0425i	0.1957+0.0092i	-0.3239+0.0024i	-0.3453+0.0366i
10.6	-0.0687+0.0316i	0.2247+0.0157i	-0.1931-0.0452i	-0.0752+0.0365i	0.2107+0.0128i	-0.3041+0.0098i	-0.3615+0.0384i
10.7	-0.0747+0.0259i	0.2430+0.0127i	-0.1639-0.0417i	-0.0819+0.0335i	0.2309+0.0116i	-0.2914+0.0132i	-0.3797+0.0492i
10.8	-0.0818+0.0178i	0.2605+0.0111i	-0.1462-0.0370i	-0.0911+0.0285i	0.2491+0.0119i	-0.2865+0.0193i	-0.3966+0.0608i
10.9	-0.0911+0.0128i	0.2763+0.0054i	-0.1350-0.0330i	-0.1017+0.0258i	0.2640+0.0080i	-0.2869+0.0237i	-0.4134+0.0644i
11.0	-0.1015+0.0094i	0.2941+0.0018i	-0.1260-0.0301i	-0.1128+0.0229i	0.2807+0.0042i	-0.2938+0.0273i	-0.4389+0.0691i
11.1	-0.1094+0.0068i	0.3103-0.0024i	-0.1197-0.0248i	-0.1223+0.0211i	0.2977+0.0013i	-0.3017+0.0332i	-0.4629+0.0755i
11.2	-0.1186+0.0049i	0.3324-0.0065i	-0.1119-0.0177i	-0.1325+0.0204i	0.3199-0.0020i	-0.3136+0.0404i	-0.4906+0.0809i
11.3	-0.1272+0.0049i	0.3574-0.0113i	-0.1073-0.0160i	-0.1420+0.0204i	0.3420-0.0083i	-0.3280+0.0425i	-0.5255+0.0859i
11.4	-0.1353+0.0040i	0.3809-0.0184i	-0.1043-0.0127i	-0.1534+0.0206i	0.3644-0.0166i	-0.3443+0.0497i	-0.5629+0.0903i
11.5	-0.1428+0.0024i	0.4062-0.0258i	-0.1006-0.0102i	-0.1653+0.0207i	0.3899-0.0224i	-0.3622+0.0557i	-0.6043+0.0975i
11.6	-0.1516+0.0021i	0.4328-0.0290i	-0.0987-0.0101i	-0.1772+0.0215i	0.4162-0.0249i	-0.3812+0.0566i	-0.6476+0.1018i
11.7	-0.1624+0.0019i	0.4663-0.0459i	-0.0981-0.0131i	-0.1908+0.0244i	0.4487-0.0408i	-0.4085+0.0653i	-0.7003+0.1234i
11.8	-0.1720-0.0020i	0.5059-0.0536i	-0.0962-0.0103i	-0.2055+0.0244i	0.4877-0.0478i	-0.4406+0.0730i	-0.7650+0.1344i
11.9	-0.1787-0.0066i	0.5507-0.0675i	-0.0956-0.0034i	-0.2214+0.0264i	0.5292-0.0600i	-0.4774+0.0831i	-0.8394+0.1522i

12.0	-0.1894-0.0132i	0.6047-0.0899i	-0.0937-0.0033i	-0.2408+0.0295i	0.5792-0.0804i	-0.5175+0.0913i	-0.9264+0.1782i
12.1	-0.2009-0.0215i	0.6763-0.1257i	-0.0881-0.0025i	-0.2624+0.0337i	0.6466-0.1124i	-0.5692+0.1126i	-1.0476+0.2225i
12.2	-0.2093-0.0296i	0.7232-0.1705i	-0.0815-0.0030i	-0.2771+0.0415i	0.6909-0.1551i	-0.6037+0.1360i	-1.1310+0.2854i
12.3	-0.2222-0.0464i	0.7818-0.2352i	-0.0710-0.0063i	-0.2950+0.0491i	0.7445-0.2147i	-0.6510+0.1641i	-1.2419+0.3707i
12.4	-0.2470-0.0680i	0.8350-0.3336i	-0.0552-0.0201i	-0.3154+0.0691i	0.7964-0.3012i	-0.7032+0.2046i	-1.3648+0.5109i
12.5	-0.2770-0.0924i	0.8763-0.4305i	-0.0364-0.0404i	-0.3318+0.0868i	0.8383-0.3873i	-0.7453+0.2424i	-1.4679+0.6610i
12.6	-0.3136-0.1175i	0.8940-0.5218i	-0.0204-0.0612i	-0.3428+0.1011i	0.8588-0.4665i	-0.7844+0.2744i	-1.5406+0.8030i
12.7	-0.3921-0.1359i	0.8843-0.6337i	-0.0093-0.0995i	-0.3554+0.1192i	0.8613-0.5660i	-0.8518+0.3190i	-1.6113+0.9923i
12.8	-0.4678-0.1275i	0.8547-0.7023i	-0.0081-0.1365i	-0.3606+0.1249i	0.8450-0.6292i	-0.9037+0.3636i	-1.6349+1.1420i
12.9	-0.5356-0.1230i	0.8695-0.7443i	0.0052-0.1851i	-0.3681+0.1154i	0.8703-0.6702i	-0.9803+0.3982i	-1.7329+1.2718i
13.0	-0.6175-0.0940i	0.9376-0.8033i	0.0452-0.2597i	-0.3882+0.1102i	0.9491-0.7298i	-1.0913+0.4597i	-1.9348+1.4653i
13.1	-0.6949-0.0538i	1.0504-0.9020i	0.0900-0.3739i	-0.4177+0.1078i	1.0676-0.8301i	-1.2098+0.5420i	-2.1842+1.7522i
13.2	-0.7817-0.0306i	1.2477-1.0635i	0.1676-0.5574i	-0.4512+0.0850i	1.2680-0.9879i	-1.3898+0.6407i	-2.5915+2.1836i
13.3	-0.8529+0.0129i	1.3697-1.4049i	0.1476-0.8453i	-0.4960+0.0639i	1.3965-1.3227i	-1.5153+0.8448i	-2.7712+2.9578i
13.4	-0.9741+0.0699i	1.4568-2.2203i	0.0018-1.5312i	-0.5723-0.0047i	1.5008-2.1219i	-1.6811+1.2431i	-2.8226+4.6981i
13.5	-1.0642+0.1590i	0.9466-2.8251i	-0.6244-1.9423i	-0.7073-0.0155i	1.0146-2.7240i	-1.5806+1.5536i	-1.6729+5.8724i
13.6	-1.2295+0.2769i	-0.1854-3.2922i	-1.8814-2.1635i	-0.9864-0.0131i	-0.0740-3.2015i	-1.3435+1.8534i	0.7173+6.7127i
13.7	-1.4084+0.3980i	-1.1045-2.9760i	-2.9310-1.7058i	-1.2892+0.0937i	-0.9621-2.9112i	-1.2105+1.8814i	2.5833+6.0030i
13.8	-1.6721+0.6991i	-1.5855-2.0475i	-3.7126-0.4595i	-1.6705+0.4730i	-1.4248-2.0351i	-1.3335+1.9013i	3.5336+4.0621i
13.9	-1.8370+1.0973i	-1.4949-1.5258i	-3.9112+0.5911i	-1.8593+0.9379i	-1.3379-1.5523i	-1.6002+2.2082i	3.3408+2.9758i
14.0	-1.9343+1.7760i	-1.3162-1.2714i	-3.8916+1.8386i	-1.9537+1.6673i	-1.1671-1.3401i	-1.7805+2.9812i	2.9760+2.4055i
14.1	-1.5399+2.6064i	-1.2338-1.2071i	-3.2146+3.1271i	-1.5308+2.5299i	-1.1242-1.3137i	-1.3168+4.0068i	2.7538+2.2095i
14.2	-0.5361+3.2077i	-1.3152-1.1488i	-1.7795+3.9954i	-0.4997+3.1387i	-1.2655-1.2821i	-0.0211+4.7068i	2.8070+2.0722i
14.3	0.6727+3.0649i	-1.4415-0.9571i	-0.1843+3.9391i	0.7176+2.9882i	-1.4557-1.0740i	1.5093+4.4665i	2.9890+1.7228i
14.4	1.3559+2.3569i	-1.4716-0.7340i	0.7264+3.1381i	1.3989+2.2662i	-1.5128-0.8053i	2.3462+3.5419i	3.0131+1.3488i
14.5	1.4961+1.7629i	-1.4133-0.5602i	0.9780+2.4559i	1.5311+1.6706i	-1.4559-0.6012i	2.5215+2.7626i	2.9008+1.0577i
14.6	1.4235+1.2824i	-1.3247-0.4186i	0.9432+1.9308i	1.4518+1.1883i	-1.3596-0.4371i	2.4114+2.1404i	2.7398+0.8116i
14.7	1.3275+0.9751i	-1.2452-0.3137i	0.8858+1.6407i	1.3495+0.8773i	-1.2722-0.3180i	2.2867+1.7477i	2.6010+0.6220i
14.8	1.2306+0.8371i	-1.1824-0.2752i	0.8490+1.5086i	1.2470+0.7416i	-1.2035-0.2742i	2.1721+1.5639i	2.4832+0.5470i
14.9	1.1170+0.6334i	-1.1059-0.1929i	0.8915+1.3541i	1.1198+0.5395i	-1.1176-0.1837i	2.0657+1.3298i	2.3242+0.4078i
15.0	1.0054+0.5202i	-1.0318-0.1339i	0.8948+1.1943i	1.0035+0.4264i	-1.0360-0.1222i	1.9594+1.1830i	2.1961+0.3471i
15.1	0.9290+0.4447i	-0.9714-0.0977i	0.9080+1.0307i	0.9177+0.3533i	-0.9702-0.0851i	1.9101+1.0456i	2.1042+0.3055i
15.2	0.8581+0.3842i	-0.9049-0.0597i	0.8902+0.9035i	0.8331+0.2980i	-0.8989-0.0462i	1.8574+0.9332i	2.0185+0.2614i
15.3	0.7987+0.3424i	-0.8369-0.0466i	0.8507+0.7823i	0.7645+0.2680i	-0.8293-0.0325i	1.8041+0.8223i	1.9537+0.2403i
15.4	0.7501+0.3130i	-0.7931-0.0492i	0.7879+0.6858i	0.7150+0.2519i	-0.7835-0.0354i	1.7360+0.7271i	1.9081+0.2277i
15.5	0.7019+0.2873i	-0.7561-0.0469i	0.7204+0.6094i	0.6708+0.2344i	-0.7435-0.0330i	1.6630+0.6483i	1.8670+0.2136i
15.6	0.6715+0.2672i	-0.7145-0.0453i	0.7053+0.5806i	0.6374+0.2214i	-0.6989-0.0294i	1.6427+0.6092i	1.8414+0.1910i
15.7	0.6348+0.2449i	-0.6902-0.0576i	0.6496+0.5182i	0.6044+0.2091i	-0.6711-0.0419i	1.5837+0.5272i	1.8145+0.1626i
15.8	0.6015+0.2176i	-0.6594-0.0671i	0.6033+0.4659i	0.5742+0.1893i	-0.6385-0.0521i	1.5348+0.4544i	1.7902+0.1366i
15.9	0.5694+0.2060i	-0.6416-0.0823i	0.5603+0.4397i	0.5467+0.1829i	-0.6194-0.0681i	1.4826+0.4057i	1.7673+0.1092i
16.0	0.5466+0.2012i	-0.6317-0.0829i	0.5109+0.4361i	0.5256+0.1804i	-0.6080-0.0682i	1.4283+0.3790i	1.7588+0.0835i
16.1	0.5229+0.1994i	-0.6196-0.0811i	0.4666+0.4376i	0.5052+0.1803i	-0.5940-0.0652i	1.3714+0.3524i	1.7445+0.0521i
16.2	0.5032+0.1992i	-0.6222-0.1020i	0.4470+0.4436i	0.4940+0.1841i	-0.5950-0.0872i	1.3334+0.3469i	1.7185+0.0334i
16.3	0.4950+0.1954i	-0.6183-0.1076i	0.4479+0.4545i	0.4885+0.1811i	-0.5886-0.0931i	1.3261+0.3417i	1.7133+0.0023i
16.4	0.4842+0.1942i	-0.6255-0.1055i	0.4463+0.4471i	0.4821+0.1771i	-0.5926-0.0931i	1.3128+0.3209i	1.6971-0.0282i
16.5	0.4740+0.1827i	-0.6297-0.0961i	0.4336+0.4328i	0.4745+0.1642i	-0.5965-0.0841i	1.2990+0.2868i	1.6869-0.0640i
16.6	0.4599+0.1759i	-0.6220-0.0822i	0.4159+0.4326i	0.4589+0.1550i	-0.5885-0.0734i	1.2712+0.2495i	1.6582-0.1100i
16.7	0.4479+0.1771i	-0.6180-0.0847i	0.4253+0.4363i	0.4457+0.1573i	-0.5824-0.0780i	1.2451+0.2309i	1.5984-0.1274i
16.8	0.4443+0.1713i	-0.6166-0.0908i	0.4400+0.4320i	0.4400+0.1546i	-0.5811-0.0852i	1.2150+0.2141i	1.5552-0.1358i
16.9	0.4310+0.1629i	-0.6323-0.0854i	0.4456+0.3784i	0.4307+0.1503i	-0.5945-0.0805i	1.2018+0.1936i	1.5401-0.0998i
17.0	0.4179+0.1681i	-0.6305-0.0758i	0.4163+0.3687i	0.4193+0.1549i	-0.5925-0.0710i	1.1784+0.1596i	1.5422-0.1154i
17.1	0.4105+0.1743i	-0.6268-0.0707i	0.4184+0.3669i	0.4145+0.1623i	-0.5881-0.0671i	1.1420+0.1531i	1.5129-0.1160i
17.2	0.4144+0.1702i	-0.6292-0.0678i	0.4120+0.3301i	0.4232+0.1590i	-0.5889-0.0649i	1.1376+0.1645i	1.5275-0.0821i
17.3	0.4066+0.1645i	-0.6320-0.0616i	0.3606+0.3196i	0.4169+0.1516i	-0.5915-0.0585i	1.1425+0.1388i	1.5804-0.1080i
17.4	0.3994+0.1682i	-0.6368-0.0571i	0.3306+0.3475i	0.4118+0.1539i	-0.5952-0.0543i	1.1328+0.1138i	1.5949-0.1568i
17.5	0.4028+0.1742i	-0.6418-0.0460i	0.3411+0.3741i	0.4162+0.1608i	-0.5986-0.0457i	1.1086+0.0879i	1.5660-0.2015i
17.6	0.4111+0.1703i	-0.6453-0.0423i	0.3461+0.3567i	0.4248+0.1572i	-0.6007-0.0431i	1.1100+0.0658i	1.5753-0.2067i
17.7	0.4173+0.1658i	-0.6448-0.0376i	0.3265+0.3686i	0.4339+0.1489i	-0.6001-0.0381i	1.0933+0.0403i	1.5884-0.2439i
17.8	0.4209+0.1574i	-0.6435-0.0242i	0.3309+0.3924i	0.4385+0.1379i	-0.5969-0.0252i	1.0678+0.0006i	1.5712-0.3109i
17.9	0.4204+0.1407i	-0.6423-0.0137i	0.3665+0.3987i	0.4374+0.1209i	-0.5978-0.0157i	1.0136-0.0347i	1.4986-0.3648i
18.0	0.4190+0.1266i	-0.6372-0.0095i	0.3972+0.3709i	0.4343+0.1069i	-0.5941-0.0115i	0.9618-0.0454i	1.4304-0.3539i
18.1	0.4068+0.1136i	-0.6354-0.0110i	0.3991+0.3257i	0.4223+0.0940i	-0.5908-0.0132i	0.9168-0.0475i	1.3901-0.3220i
18.2	0.3918+0.1053i	-0.6383-0.0076i	0.3700+0.2843i	0.4100+0.0849i	-0.5904-0.0088i	0.8879-0.0442i	1.3979-0.2880i

18.3	0.3739+0.1012i	-0.6397-0.0061i	0.3336+0.2628i	0.3936+0.0838i	-0.5896-0.0059i	0.8464-0.0349i	1.4069-0.2668i
18.4	0.3548+0.1073i	-0.6446-0.0090i	0.2799+0.2689i	0.3757+0.0899i	-0.5905-0.0084i	0.7938-0.0138i	1.4187-0.2519i
18.5	0.3443+0.1263i	-0.6588-0.0163i	0.1948+0.3131i	0.3667+0.1084i	-0.6014-0.0190i	0.7562+0.0425i	1.4854-0.2343i
18.6	0.3675+0.1419i	-0.6736+0.0008i	0.2139+0.4269i	0.3915+0.1183i	-0.6167-0.0052i	0.7966+0.1111i	1.5411-0.3022i
18.7	0.3933+0.1197i	-0.6661+0.0174i	0.3479+0.4667i	0.4142+0.0904i	-0.6110+0.0141i	0.8606+0.0962i	1.4921-0.4004i
18.8	0.3816+0.0964i	-0.6655+0.0058i	0.3932+0.3886i	0.3989+0.0700i	-0.6063+0.0057i	0.8495+0.0531i	1.4327-0.3834i
18.9	0.3664+0.0862i	-0.6637-0.0147i	0.3972+0.3469i	0.3821+0.0617i	-0.6009-0.0173i	0.8301+0.0380i	1.4075-0.3669i
19.0	0.3547+0.0841i	-0.6657-0.0261i	0.3948+0.3144i	0.3684+0.0631i	-0.6019-0.0309i	0.8046+0.0422i	1.3939-0.3465i
19.1	0.3442+0.0823i	-0.6907-0.0389i	0.3773+0.2884i	0.3608+0.0651i	-0.6235-0.0448i	0.7948+0.0529i	1.4171-0.3279i
19.2	0.3347+0.0834i	-0.7201-0.0500i	0.3543+0.2762i	0.3533+0.0661i	-0.6500-0.0549i	0.7895+0.0621i	1.4417-0.3185i
19.3	0.3244+0.0828i	-0.7461-0.0510i	0.3375+0.2529i	0.3464+0.0668i	-0.6719-0.0584i	0.7893+0.0589i	1.4715-0.3151i
19.4	0.3164+0.0809i	-0.7834-0.0522i	0.3270+0.2436i	0.3405+0.0671i	-0.7042-0.0631i	0.7844+0.0576i	1.4806-0.3293i
19.5	0.3070+0.0832i	-0.8203-0.0441i	0.3201+0.2275i	0.3316+0.0695i	-0.7377-0.0586i	0.7866+0.0538i	1.4951-0.3369i
19.6	0.2949+0.0847i	-0.8751-0.0305i	0.3055+0.2134i	0.3224+0.0723i	-0.7890-0.0460i	0.7788+0.0530i	1.5119-0.3351i
19.7	0.2840+0.0898i	-0.9244-0.0166i	0.2799+0.2003i	0.3174+0.0773i	-0.8345-0.0335i	0.7657+0.0582i	1.5478-0.3350i
19.8	0.2761+0.0932i	-0.9646-0.0019i	0.2637+0.1914i	0.3129+0.0815i	-0.8710-0.0205i	0.7622+0.0582i	1.5634-0.3350i
19.9	0.2664+0.1056i	-1.0177+0.0307i	0.2323+0.1871i	0.3062+0.0934i	-0.9192+0.0079i	0.7608+0.0614i	1.5972-0.3440i
20.0	0.2566+0.1165i	-1.0840+0.0666i	0.2068+0.1888i	0.3010+0.1010i	-0.9794+0.0395i	0.7585+0.0642i	1.6619-0.3628i
20.1	0.2491+0.1249i	-1.1415+0.1115i	0.1799+0.1955i	0.2979+0.1078i	-1.0323+0.0797i	0.7508+0.0743i	1.6935-0.3755i
20.2	0.2408+0.1334i	-1.1992+0.1602i	0.1569+0.2032i	0.2945+0.1163i	-1.0845+0.1249i	0.7482+0.0797i	1.7340-0.3900i
20.3	0.2353+0.1476i	-1.2661+0.2465i	0.1310+0.2200i	0.2935+0.1235i	-1.1460+0.2024i	0.7471+0.0793i	1.8087-0.4571i
20.4	0.2295+0.1610i	-1.3068+0.3209i	0.1190+0.2399i	0.2906+0.1323i	-1.1836+0.2672i	0.7499+0.0861i	1.8422-0.5159i
20.5	0.2307+0.1816i	-1.3420+0.4328i	0.1051+0.2563i	0.2936+0.1469i	-1.2135+0.3674i	0.7509+0.0900i	1.8776-0.5887i
20.6	0.2299+0.2037i	-1.3822+0.5756i	0.0827+0.2825i	0.2965+0.1632i	-1.2486+0.4962i	0.7493+0.0963i	1.9254-0.6799i
20.7	0.2316+0.2206i	-1.4076+0.7097i	0.0732+0.3032i	0.2990+0.1758i	-1.2718+0.6163i	0.7552+0.0940i	1.9411-0.7758i
20.8	0.2474+0.2446i	-1.3527+0.8874i	0.0743+0.3285i	0.3118+0.1908i	-1.2214+0.7738i	0.7553+0.0863i	1.9107-0.8911i
20.9	0.2577+0.2512i	-1.2778+1.0157i	0.0711+0.3298i	0.3185+0.1941i	-1.1551+0.8884i	0.7431+0.0803i	1.8569-0.9566i
21.0	0.2668+0.2633i	-1.1786+1.1376i	0.0600+0.3473i	0.3275+0.2047i	-1.0654+0.9994i	0.7281+0.0800i	1.8110-1.0212i
21.1	0.2799+0.2732i	-1.0496+1.1971i	0.0538+0.3549i	0.3376+0.2141i	-0.9471+1.0510i	0.7155+0.0827i	1.7606-1.0279i
21.2	0.2946+0.2902i	-0.9049+1.2899i	0.0511+0.3839i	0.3488+0.2296i	-0.8177+1.1322i	0.7067+0.1025i	1.6958-1.0706i
21.3	0.3101+0.2992i	-0.8367+1.3118i	0.0583+0.4132i	0.3628+0.2386i	-0.7558+1.1520i	0.7175+0.1354i	1.6791-1.0814i
21.4	0.3312+0.3060i	-0.6663+1.3343i	0.0772+0.4306i	0.3817+0.2455i	-0.6048+1.1725i	0.7318+0.1539i	1.6055-1.0780i
21.5	0.3458+0.3041i	-0.5263+1.3013i	0.0755+0.4378i	0.4007+0.2435i	-0.4777+1.1425i	0.7411+0.1681i	1.5901-1.0555i
21.6	0.3605+0.3106i	-0.4736+1.2754i	0.0871+0.4650i	0.4218+0.2492i	-0.4295+1.1169i	0.7713+0.1841i	1.6220-1.0584i
21.7	0.3715+0.3136i	-0.4535+1.2441i	0.0982+0.4761i	0.4401+0.2503i	-0.4110+1.0878i	0.7920+0.1925i	1.6537-1.0563i
21.8	0.3879+0.3174i	-0.4427+1.1955i	0.1056+0.4959i	0.4600+0.2504i	-0.4018+1.0434i	0.8194+0.2027i	1.7056-1.0641i
21.9	0.4013+0.3186i	-0.4706+1.1640i	0.1216+0.5072i	0.4819+0.2481i	-0.4244+1.0135i	0.8622+0.2003i	1.7978-1.0971i
22.0	0.4101+0.3185i	-0.4474+1.1711i	0.1318+0.5118i	0.5004+0.2395i	-0.4034+1.0159i	0.8895+0.1894i	1.8582-1.1658i
22.1	0.4184+0.3138i	-0.4709+1.1515i	0.1293+0.5175i	0.5181+0.2209i	-0.4194+0.9956i	0.9191+0.1656i	1.9556-1.2476i
22.2	0.4346+0.3137i	-0.4743+1.2405i	0.1468+0.5244i	0.5364+0.2067i	-0.4243+1.0735i	0.9505+0.1273i	1.9883-1.4080i
22.3	0.4426+0.3251i	-0.4900+1.3721i	0.1630+0.5515i	0.5444+0.1925i	-0.4408+1.1843i	0.9652+0.0930i	2.0110-1.6633i
22.4	0.4511+0.3415i	-0.4861+1.5526i	0.1799+0.5782i	0.5487+0.1814i	-0.4358+1.3369i	0.9691+0.0508i	2.0020-1.9484i
22.5	0.4678+0.3576i	-0.4120+1.7299i	0.2031+0.5969i	0.5582+0.1737i	-0.3696+1.4873i	0.9681+0.0140i	1.9182-2.2164i
22.6	0.4971+0.3711i	-0.2398+1.8994i	0.2451+0.6108i	0.5619+0.1554i	-0.2240+1.6323i	0.9534-0.0372i	1.6827-2.5116i
22.7	0.5349+0.3713i	0.0389+1.9577i	0.2988+0.6046i	0.5628+0.1451i	0.0135+1.6818i	0.9202-0.0592i	1.3041-2.6228i
22.8	0.5706+0.3690i	0.3090+1.9592i	0.3363+0.5850i	0.5671+0.1396i	0.2480+1.6818i	0.8892-0.0692i	0.9600-2.6520i
22.9	0.6171+0.3509i	0.6708+1.8779i	0.3845+0.5464i	0.5624+0.1317i	0.5609+1.6107i	0.8429-0.0691i	0.4620-2.5753i
23.0	0.6471+0.3279i	0.8971+1.7092i	0.4066+0.5101i	0.5657+0.1313i	0.7533+1.4669i	0.8167-0.0534i	0.1794-2.3552i
23.1	0.6806+0.2883i	1.0293+1.4545i	0.4416+0.4445i	0.5828+0.1268i	0.8641+1.2475i	0.8218-0.0346i	-0.0112-2.0076i
23.2	0.6969+0.2568i	1.0970+1.2659i	0.4437+0.3905i	0.5899+0.1174i	0.9234+1.0853i	0.8256-0.0275i	-0.0871-1.7598i
23.3	0.7037+0.2234i	1.1377+1.0626i	0.4174+0.3372i	0.5989+0.1071i	0.9594+0.9106i	0.8255-0.0175i	-0.0844-1.4975i
23.4	0.7032+0.1903i	1.1314+0.8686i	0.3858+0.2836i	0.6009+0.0973i	0.9543+0.7451i	0.8281-0.0095i	-0.0488-1.2518i
23.5	0.7075+0.1611i	1.1432+0.7235i	0.3644+0.2450i	0.6078+0.0850i	0.9646+0.6185i	0.8350-0.0103i	-0.0295-1.0728i
23.6	0.7007+0.1360i	1.0747+0.5902i	0.3290+0.2219i	0.6131+0.0693i	0.9045+0.5021i	0.8444-0.0157i	0.0916-0.9476i
23.7	0.6926+0.1138i	1.0117+0.4694i	0.2871+0.1986i	0.6150+0.0625i	0.8499+0.3987i	0.8509-0.0126i	0.2108-0.8025i
23.8	0.6826+0.1017i	0.9557+0.3906i	0.2499+0.1870i	0.6126+0.0542i	0.8020+0.3298i	0.8550-0.0154i	0.3045-0.7277i
23.9	0.6691+0.0903i	0.8895+0.3298i	0.2103+0.1798i	0.6109+0.0428i	0.7457+0.2756i	0.8609-0.0215i	0.4208-0.6959i
24.0	0.6584+0.0757i	0.8466+0.2871i	0.1713+0.1655i	0.6098+0.0344i	0.7088+0.2384i	0.8640-0.0259i	0.5066-0.6489i
24.1	0.6499+0.0729i	0.7966+0.2386i	0.1299+0.1686i	0.6085+0.0330i	0.6624+0.1967i	0.8681-0.0236i	0.5945-0.6229i
24.2	0.6460+0.0707i	0.7411+0.1885i	0.0972+0.1777i	0.6079+0.0315i	0.6155+0.1511i	0.8782-0.0239i	0.6804-0.5946i
24.3	0.6402+0.0630i	0.6884+0.1663i	0.0613+0.1697i	0.6087+0.0250i	0.5719+0.1313i	0.8863-0.0303i	0.7755-0.5685i
24.4	0.6337+0.0676i	0.6425+0.1347i	0.0194+0.1894i	0.6068+0.0272i	0.5311+0.1026i	0.8942-0.0290i	0.8632-0.5740i
24.5	0.6334+0.0648i	0.6112+0.1192i	-0.0211+0.1933i	0.6108+0.0238i	0.5040+0.0894i	0.9103-0.0329i	0.9547-0.5644i

24.6	0.6314+0.0686i	0.5830+0.0958i	-0.0612+0.2150i	0.6179+0.0248i	0.4794+0.0709i	0.9240-0.0369i	1.0422-0.5731i
24.7	0.6402+0.0678i	0.5505+0.0869i	-0.0887+0.2319i	0.6322+0.0218i	0.4482+0.0635i	0.9461-0.0432i	1.1235-0.5915i
24.8	0.6514+0.0580i	0.5137+0.0769i	-0.1248+0.2428i	0.6442+0.0106i	0.4142+0.0517i	0.9712-0.0570i	1.2140-0.6115i
24.9	0.6542+0.0458i	0.4861+0.0609i	-0.1667+0.2687i	0.6490-0.0042i	0.3929+0.0392i	0.9847-0.0840i	1.2940-0.6593i
25.0	0.6548+0.0346i	0.4629+0.0553i	-0.2093+0.2840i	0.6550-0.0147i	0.3719+0.0351i	0.9971-0.1043i	1.3740-0.6857i
25.1	0.6565+0.0271i	0.4342+0.0421i	-0.2429+0.3088i	0.6563-0.0285i	0.3460+0.0218i	1.0074-0.1235i	1.4492-0.7260i
25.2	0.6508+0.0193i	0.4111+0.0345i	-0.2844+0.3466i	0.6533-0.0404i	0.3265+0.0147i	1.0184-0.1444i	1.5299-0.7837i
25.3	0.6432+0.0138i	0.3886+0.0330i	-0.3411+0.3847i	0.6514-0.0480i	0.3067+0.0148i	1.0336-0.1676i	1.6322-0.8435i
25.4	0.6435+0.0139i	0.3697+0.0265i	-0.3780+0.4328i	0.6492-0.0498i	0.2885+0.0098i	1.0417-0.1913i	1.6957-0.9169i
25.5	0.6406+0.0139i	0.3522+0.0257i	-0.4261+0.5130i	0.6491-0.0538i	0.2735+0.0091i	1.0526-0.2229i	1.7857-1.0320i
25.6	0.6357+0.0124i	0.3357+0.0308i	-0.4658+0.5771i	0.6503-0.0608i	0.2599+0.0138i	1.0657-0.2605i	1.8681-1.1409i
25.7	0.6343+0.0147i	0.3032+0.0296i	-0.4829+0.7117i	0.6469-0.0678i	0.2329+0.0132i	1.0570-0.3174i	1.9028-1.3474i
25.8	0.6310+0.0176i	0.2803+0.0311i	-0.4866+0.8078i	0.6416-0.0669i	0.2106+0.0146i	1.0465-0.3475i	1.9230-1.4861i
25.9	0.6280+0.0278i	0.2635+0.0414i	-0.4842+0.8962i	0.6406-0.0635i	0.1963+0.0212i	1.0396-0.3701i	1.9350-1.6060i
26.0	0.6409+0.0340i	0.2528+0.0594i	-0.4353+1.0021i	0.6504-0.0652i	0.1831+0.0374i	1.0282-0.4020i	1.8963-1.7612i
26.1	0.6487+0.0297i	0.2536+0.0682i	-0.3532+1.1015i	0.6532-0.0756i	0.1820+0.0488i	1.0090-0.4350i	1.8257-1.9118i
26.2	0.6555+0.0277i	0.2586+0.0803i	-0.2418+1.1862i	0.6498-0.0820i	0.1908+0.0619i	0.9911-0.4612i	1.7250-2.0469i
26.3	0.6579+0.0300i	0.2685+0.0898i	-0.1499+1.2354i	0.6440-0.0844i	0.2005+0.0688i	0.9797-0.4864i	1.6480-2.1490i
26.4	0.6621+0.0350i	0.2825+0.0866i	-0.0437+1.2632i	0.6390-0.0787i	0.2123+0.0659i	0.9593-0.5012i	1.5486-2.2204i
26.5	0.6736+0.0349i	0.2859+0.0742i	0.0358+1.2412i	0.6436-0.0730i	0.2158+0.0536i	0.9433-0.5310i	1.4611-2.2819i
26.6	0.6843+0.0352i	0.2824+0.0472i	0.1017+1.2102i	0.6472-0.0703i	0.2123+0.0292i	0.9251-0.5702i	1.3837-2.3495i
26.7	0.6917+0.0403i	0.2772+0.0256i	0.1350+1.1965i	0.6512-0.0613i	0.2090+0.0103i	0.9148-0.6059i	1.3575-2.4214i
26.8	0.7137+0.0429i	0.2598+0.0133i	0.1609+1.1781i	0.6709-0.0560i	0.1932+0.0001i	0.9110-0.6149i	1.3251-2.4548i
26.9	0.7258+0.0346i	0.2381+0.0178i	0.1788+1.1811i	0.6815-0.0584i	0.1728+0.0043i	0.8961-0.6494i	1.2704-2.5482i
27.0	0.7331+0.0291i	0.2145+0.0228i	0.1955+1.1985i	0.6868-0.0602i	0.1513+0.0085i	0.8699-0.6981i	1.1981-2.6792i
27.1	0.7369+0.0262i	0.1963+0.0272i	0.2287+1.2173i	0.6925-0.0572i	0.1346+0.0103i	0.8252-0.7479i	1.0725-2.8104i
27.2	0.7512+0.0311i	0.1766+0.0329i	0.2802+1.2611i	0.7065-0.0516i	0.1173+0.0152i	0.7752-0.8129i	0.9150-2.9823i
27.3	0.7678+0.0319i	0.1702+0.0388i	0.3354+1.2758i	0.7224-0.0480i	0.1122+0.0210i	0.7124-0.8476i	0.7222-3.0553i
27.4	0.7869+0.0314i	0.1610+0.0522i	0.4126+1.3007i	0.7390-0.0439i	0.1042+0.0315i	0.6401-0.8915i	0.4940-3.1598i
27.5	0.8070+0.0239i	0.1689+0.0777i	0.5026+1.2813i	0.7651-0.0452i	0.1099+0.0526i	0.5481-0.8831i	0.2251-3.1201i
27.6	0.8251+0.0165i	0.1712+0.0944i	0.5852+1.2515i	0.7845-0.0451i	0.1100+0.0664i	0.4594-0.8753i	-0.0252-3.0568i
27.7	0.8629+0.0077i	0.1892+0.1046i	0.6860+1.1842i	0.8192-0.0529i	0.1242+0.0733i	0.3584-0.8281i	-0.3205-2.8928i
27.8	0.8864-0.0100i	0.2029+0.1102i	0.7474+1.1255i	0.8405-0.0648i	0.1325+0.0811i	0.2966-0.7883i	-0.4926-2.7557i
27.9	0.9048-0.0302i	0.2137+0.1095i	0.7866+1.0622i	0.8613-0.0853i	0.1408+0.0803i	0.2466-0.7498i	-0.6116-2.6131i
28.0	0.9245-0.0536i	0.2216+0.1083i	0.7990+0.9865i	0.8836-0.1049i	0.1469+0.0790i	0.2217-0.6915i	-0.6638-2.4177i
28.1	0.9472-0.0908i	0.2364+0.1081i	0.8256+0.9028i	0.9012-0.1391i	0.1561+0.0807i	0.1780-0.6287i	-0.7695-2.2216i
28.2	0.9525-0.1206i	0.2492+0.0980i	0.8476+0.8395i	0.9098-0.1657i	0.1649+0.0738i	0.1445-0.5803i	-0.8704-2.0719i
28.3	0.9581-0.1496i	0.2602+0.0899i	0.8551+0.7566i	0.9187-0.1859i	0.1701+0.0703i	0.1297-0.5219i	-0.9186-1.8673i
28.4	0.9622-0.1704i	0.2582+0.0790i	0.8288+0.6812i	0.9226-0.2010i	0.1687+0.0656i	0.1274-0.4717i	-0.8893-1.6687i
28.5	0.9755-0.1885i	0.2592+0.0686i	0.7912+0.6318i	0.9409-0.2142i	0.1710+0.0553i	0.1399-0.4229i	-0.8239-1.5141i
28.6	0.9897-0.2128i	0.2618+0.0580i	0.7491+0.5798i	0.9587-0.2313i	0.1721+0.0495i	0.1507-0.3746i	-0.7438-1.3652i
28.7	0.9921-0.2474i	0.2601+0.0556i	0.7082+0.5310i	0.9704-0.2531i	0.1723+0.0529i	0.1609-0.3388i	-0.6731-1.2334i
28.8	0.9955-0.2782i	0.2730+0.0501i	0.6695+0.4988i	0.9855-0.2770i	0.1852+0.0522i	0.1736-0.3083i	-0.6125-1.1398i
28.9	1.0005-0.3233i	0.2795+0.0380i	0.6318+0.4639i	1.0007-0.3105i	0.1907+0.0469i	0.1841-0.2782i	-0.5424-1.0375i
29.0	0.9949-0.3610i	0.2832+0.0392i	0.5824+0.4413i	1.0111-0.3401i	0.1942+0.0529i	0.1954-0.2473i	-0.4559-0.9521i
29.1	0.9811-0.3915i	0.2892+0.0371i	0.5345+0.4337i	1.0140-0.3714i	0.2017+0.0525i	0.2167-0.2250i	-0.3682-0.9019i
29.2	0.9681-0.4288i	0.2946+0.0232i	0.4743+0.4374i	1.0203-0.4125i	0.2092+0.0413i	0.2408-0.2045i	-0.2330-0.8604i
29.3	0.9553-0.4543i	0.2968+0.0215i	0.4372+0.4423i	1.0233-0.4366i	0.2140+0.0406i	0.2582-0.1833i	-0.1508-0.8302i
29.4	0.9180-0.4907i	0.2854+0.0097i	0.3892+0.4509i	1.0045-0.4787i	0.2070+0.0331i	0.2786-0.1694i	-0.0394-0.7986i
29.5	0.8921-0.5275i	0.2923+0.0031i	0.3548+0.4471i	0.9972-0.5181i	0.2160+0.0294i	0.2949-0.1515i	0.0369-0.7576i
29.6	0.8628-0.5433i	0.2972-0.0062i	0.3199+0.4578i	0.9872-0.5374i	0.2250+0.0227i	0.3176-0.1355i	0.1230-0.7386i
29.7	0.8317-0.5570i	0.2947-0.0207i	0.2811+0.4780i	0.9768-0.5606i	0.2270+0.0100i	0.3308-0.1092i	0.2142-0.7063i
29.8	0.8102-0.5738i	0.2976-0.0215i	0.2479+0.5008i	0.9714-0.5859i	0.2304+0.0107i	0.3542-0.1028i	0.3151-0.7194i
29.9	0.7867-0.5859i	0.3017-0.0412i	0.2187+0.5464i	0.9629-0.6195i	0.2394-0.0072i	0.3861-0.1016i	0.4128-0.7610i
30.0	0.7575-0.6031i	0.3028-0.0485i	0.2133+0.5734i	0.9437-0.6522i	0.2422-0.0170i	0.4131-0.0948i	0.4832-0.7891i
30.1	0.7009-0.6081i	0.3080-0.0462i	0.1932+0.5927i	0.9121-0.6760i	0.2539-0.0158i	0.4419-0.0881i	0.5890-0.8285i
30.2	0.6614-0.5957i	0.3108-0.0612i	0.1857+0.6288i	0.8852-0.6898i	0.2594-0.0305i	0.4687-0.0987i	0.6705-0.9025i
30.3	0.6350-0.5884i	0.3157-0.0765i	0.1847+0.6409i	0.8705-0.7056i	0.2650-0.0466i	0.4962-0.0936i	0.7240-0.9448i
30.4	0.6136-0.5749i	0.3150-0.0906i	0.1692+0.6506i	0.8506-0.7154i	0.2665-0.0601i	0.5355-0.0846i	0.7606-0.9944i
30.5	0.5989-0.5731i	0.3108-0.1028i	0.1484+0.6708i	0.8342-0.7354i	0.2625-0.0711i	0.5765-0.0843i	0.8127-1.0324i
30.6	0.5798-0.5767i	0.3008-0.1134i	0.1266+0.6977i	0.8229-0.7598i	0.2541-0.0801i	0.6303-0.0973i	0.9012-1.0701i
30.7	0.5387-0.5674i	0.3129-0.1250i	0.1176+0.7206i	0.7991-0.7620i	0.2707-0.0894i	0.6765-0.1223i	0.9564-1.1093i
30.8	0.4985-0.5322i	0.3236-0.1509i	0.1003+0.7846i	0.7879-0.7716i	0.2906-0.1204i	0.7326-0.1687i	1.0756-1.2230i

30.9	0.4777−0.5125i	0.3308−0.1677i	0.1142+0.8210i	0.7653−0.7869i	0.2992−0.1406i	0.7609−0.2262i	1.0968−1.3363i
31.0	0.4429−0.4781i	0.3224−0.1762i	0.1178+0.8274i	0.7275−0.7841i	0.2945−0.1513i	0.7848−0.2767i	1.1405−1.4230i
31.1	0.4144−0.4424i	0.3064−0.2149i	0.1179+0.8625i	0.6966−0.8109i	0.2843−0.1965i	0.8075−0.3505i	1.2000−1.5765i
31.2	0.4009−0.4073i	0.3149−0.2433i	0.1301+0.8841i	0.6727−0.8170i	0.2934−0.2288i	0.8054−0.4089i	1.1711−1.6965i
31.3	0.4077−0.3499i	0.3164−0.2647i	0.1207+0.9226i	0.6782−0.8019i	0.2920−0.2583i	0.8155−0.4732i	1.2164−1.8273i
31.4	0.4084−0.2851i	0.2940−0.2875i	0.1119+0.9592i	0.6611−0.7887i	0.2705−0.2871i	0.8132−0.5425i	1.2308−1.9618i
31.5	0.4156−0.2124i	0.2764−0.3286i	0.1084+0.9849i	0.6491−0.7799i	0.2523−0.3361i	0.7955−0.6149i	1.2281−2.1025i
31.6	0.4296−0.1704i	0.2562−0.3519i	0.1261+1.0166i	0.6194−0.8032i	0.2272−0.3665i	0.7583−0.6844i	1.1568−2.2923i
31.7	0.4701−0.1340i	0.2190−0.3740i	0.1424+1.0625i	0.5761−0.8270i	0.1795−0.3936i	0.7029−0.7605i	1.0006−2.4912i
31.8	0.5009−0.0661i	0.1693−0.3971i	0.1589+1.1020i	0.5424−0.8081i	0.1244−0.4225i	0.6424−0.8180i	0.8946−2.6234i
31.9	0.5145−0.0132i	0.1226−0.3988i	0.1803+1.0899i	0.4782−0.7682i	0.0712−0.4297i	0.5732−0.8206i	0.7481−2.6117i
32.0	0.5837+0.0344i	0.1017−0.4139i	0.1986+1.1542i	0.4728−0.7260i	0.0385−0.4423i	0.5085−0.8556i	0.6188−2.6816i
32.1	0.7047+0.0187i	0.0580−0.4192i	0.2464+1.2400i	0.4683−0.7393i	−0.0249−0.4391i	0.4406−0.9232i	0.3942−2.8538i
32.2	0.7669+0.0304i	−0.0072−0.4200i	0.3046+1.2761i	0.4327−0.7080i	−0.0980−0.4328i	0.3525−0.9398i	0.2076−2.8825i
32.3	0.8043+0.0445i	−0.0543−0.4137i	0.3675+1.2764i	0.4159−0.6474i	−0.1447−0.4205i	0.2676−0.9178i	0.0689−2.7961i
32.4	0.8412+0.0266i	−0.1034−0.3940i	0.4502+1.2892i	0.3971−0.5994i	−0.1931−0.3893i	0.1770−0.9112i	−0.1004−2.7381i
32.5	0.9283−0.0062i	−0.1449−0.3673i	0.5048+1.3124i	0.3998−0.5602i	−0.2425−0.3485i	0.1181−0.9159i	−0.2622−2.7168i
32.6	0.9618−0.0021i	−0.1582−0.3260i	0.5416+1.2963i	0.4307−0.4857i	−0.2494−0.2977i	0.0670−0.8812i	−0.3257−2.6055i
32.7	1.0133−0.0321i	−0.1948−0.2684i	0.6133+1.2528i	0.4573−0.4271i	−0.2800−0.2310i	−0.0026−0.8311i	−0.4483−2.4908i
32.8	1.0576−0.0378i	−0.2001−0.2096i	0.6430+1.2234i	0.4897−0.3524i	−0.2841−0.1674i	−0.0467−0.7920i	−0.5177−2.3834i
32.9	1.0557−0.0034i	−0.1658−0.1624i	0.6026+1.1773i	0.5354−0.2552i	−0.2437−0.1216i	−0.0386−0.7387i	−0.4365−2.2268i
33.0	1.1145−0.0188i	−0.1713−0.1426i	0.6561+1.1449i	0.6033−0.2346i	−0.2431−0.1013i	−0.0997−0.6950i	−0.5024−2.1376i
33.1	1.1626−0.0726i	−0.1672−0.1056i	0.6800+1.0994i	0.6712−0.2491i	−0.2338−0.0615i	−0.1280−0.6423i	−0.5289−2.0627i
33.2	1.2430−0.1030i	−0.1529−0.0681i	0.6775+1.0607i	0.7757−0.2235i	−0.2131−0.0243i	−0.1412−0.5829i	−0.4939−1.9732i
33.3	1.2708−0.1477i	−0.1564−0.0527i	0.7019+1.0311i	0.8164−0.2532i	−0.2118−0.0111i	−0.1613−0.5396i	−0.4988−1.9186i
33.4	1.3394−0.2484i	−0.1405+0.0015i	0.7072+0.9996i	0.8947−0.2918i	−0.1954+0.0482i	−0.1643−0.4900i	−0.4941−1.8722i
33.5	1.4255−0.3632i	−0.1132+0.0371i	0.7284+0.9862i	0.9934−0.3467i	−0.1679+0.0905i	−0.1726−0.4663i	−0.5333−1.8813i
33.6	1.3777−0.4162i	−0.0496+0.0488i	0.6892+0.9527i	1.0331−0.3745i	−0.1009+0.1000i	−0.1429−0.4321i	−0.4670−1.8118i
33.7	1.3747−0.4603i	−0.0001+0.0774i	0.6377+0.9337i	1.0944−0.3729i	−0.0521+0.1264i	−0.1003−0.4080i	−0.3790−1.7790i
33.8	1.3421−0.4182i	0.0532+0.0699i	0.5563+0.9572i	1.1342−0.3461i	0.0039+0.1125i	−0.0432−0.4205i	−0.2265−1.8077i
33.9	1.2360−0.4497i	0.0938+0.0468i	0.4992+0.9419i	1.0913−0.4049i	0.0528+0.0892i	−0.0031−0.4162i	−0.1492−1.8135i
34.0	1.2570−0.4308i	0.1407+0.0080i	0.4875+1.0131i	1.1683−0.4399i	0.0963+0.0446i	−0.0010−0.4718i	−0.1020−1.9775i
34.1	1.3247−0.4420i	0.1625−0.0456i	0.5338+1.1104i	1.2525−0.5152i	0.1171−0.0075i	−0.0448−0.5473i	−0.1671−2.1872i
34.2	1.3917−0.4173i	0.1522−0.0985i	0.5969+1.1657i	1.2992−0.5526i	0.1043−0.0582i	−0.1077−0.5875i	−0.2892−2.3295i
34.3	1.5495−0.3606i	0.1653−0.1363i	0.6576+1.2436i	1.4463−0.5557i	0.1081−0.0984i	−0.1773−0.6451i	−0.3957−2.5215i
34.4	1.6487−0.4422i	0.1400−0.1538i	0.7610+1.2008i	1.4972−0.6491i	0.0804−0.1114i	−0.2800−0.6108i	−0.6749−2.5524i
34.5	1.6928−0.4264i	0.1208−0.1556i	0.7868+1.1394i	1.5159−0.6348i	0.0626−0.1165i	−0.3254−0.5565i	−0.7935−2.4781i
34.6	1.8589−0.4587i	0.1096−0.1668i	0.8234+1.1069i	1.6561−0.6713i	0.0453−0.1249i	−0.3886−0.5231i	−0.9608−2.4763i
34.7	1.8658−0.5307i	0.1037−0.1567i	0.8219+1.0016i	1.6607−0.7075i	0.0412−0.1118i	−0.4169−0.4358i	−1.1122−2.3102i
34.8	1.8999−0.7067i	0.0968−0.1629i	0.8232+0.9059i	1.6866−0.8507i	0.0359−0.1085i	−0.4401−0.3435i	−1.2569−2.1226i
34.9	2.0524−0.9335i	0.0918−0.1651i	0.8265+0.8491i	1.8266−1.0536i	0.0263−0.0968i	−0.4788−0.2718i	−1.4369−2.0211i
35.0	2.0737−0.9974i	0.0925−0.1618i	0.7527+0.8000i	1.8606−1.1021i	0.0272−0.0952i	−0.4487−0.2098i	−1.4374−1.8778i
35.1	2.0431−1.1551i	0.1004−0.1690i	0.6541+0.7413i	1.8691−1.2293i	0.0399−0.0961i	−0.4022−0.1315i	−1.4517−1.6343i
35.2	2.0979−1.2416i	0.1196−0.1689i	0.5716+0.7317i	1.9519−1.3079i	0.0566−0.0918i	−0.3691−0.0986i	−1.4481−1.5287i
35.3	2.0858−1.3825i	0.1327−0.1807i	0.4644+0.7587i	1.9859−1.4635i	0.0761−0.0986i	−0.3112−0.0754i	−1.3839−1.3633i
35.4	1.9731−1.5307i	0.1414−0.1933i	0.3594+0.8234i	1.9169−1.6408i	0.0925−0.1105i	−0.2348−0.0780i	−1.2574−1.2301i
35.5	1.9271−1.6145i	0.1525−0.2019i	0.2858+0.9078i	1.9023−1.7526i	0.1084−0.1170i	−0.1863−0.1115i	−1.1456−1.1664i
35.6	1.8576−1.7185i	0.1609−0.2403i	0.2035+1.0567i	1.8848−1.9163i	0.1210−0.1530i	−0.1528−0.1833i	−1.0058−1.1649i
35.7	1.7690−1.8109i	0.1697−0.2806i	0.2130+1.2053i	1.8029−2.0804i	0.1330−0.1920i	−0.1712−0.2521i	−0.9367−1.2035i
35.8	1.7522−1.8747i	0.1647−0.3288i	0.2494+1.3942i	1.7697−2.2315i	0.1308−0.2391i	−0.2148−0.3465i	−0.9120−1.3243i
35.9	1.7364−1.9250i	0.1303−0.3711i	0.3477+1.5092i	1.7006−2.3431i	0.0964−0.2801i	−0.2970−0.3915i	−0.9573−1.4247i
36.0	1.7127−2.0026i	0.0988−0.3866i	0.5112+1.5651i	1.6056−2.4586i	0.0660−0.2933i	−0.4367−0.3838i	−1.0724−1.4635i
36.1	1.6663−2.1181i	0.0589−0.3926i	0.7003+1.5867i	1.4770−2.5848i	0.0293−0.2974i	−0.5851−0.3475i	−1.2418−1.4210i
36.2	1.6351−2.1756i	0.0313−0.3981i	0.8045+1.5521i	1.3830−2.6247i	0.0014−0.3015i	−0.6690−0.2689i	−1.3756−1.3387i
36.3	1.5776−2.2688i	0.0062−0.4014i	0.8817+1.4766i	1.2769−2.6918i	−0.0219−0.3018i	−0.7245−0.1398i	−1.4485−1.2029i
36.4	1.5207−2.3683i	−0.0061−0.3953i	0.9350+1.4098i	1.1898−2.7598i	−0.0304−0.2939i	−0.7536−0.0235i	−1.4939−1.0504i
36.5	1.4279−2.4558i	−0.0192−0.3743i	0.9444+1.3155i	1.0913−2.8034i	−0.0422−0.2717i	−0.7331+0.1097i	−1.4709−0.8427i
36.6	1.3355−2.5227i	−0.0289−0.3726i	0.9499+1.2671i	0.9951−2.8511i	−0.0493−0.2693i	−0.6993+0.1961i	−1.4163−0.7115i
36.7	1.2557−2.5922i	−0.0240−0.3854i	0.9395+1.2213i	0.9193−2.9169i	−0.0427−0.2778i	−0.6627+0.2779i	−1.3205−0.6041i
36.8	1.1715−2.6722i	−0.0185−0.3984i	0.9134+1.1953i	0.8457−2.9863i	−0.0327−0.2843i	−0.6068+0.3464i	−1.2047−0.4892i
36.9	1.0921−2.7367i	−0.0184−0.4180i	0.9258+1.1696i	0.7638−3.0543i	−0.0310−0.2993i	−0.5803+0.3962i	−1.1238−0.4160i
37.0	1.0242−2.7444i	−0.0202−0.4305i	0.9080+1.1648i	0.6916−3.0665i	−0.0298−0.3070i	−0.5468+0.4208i	−1.0187−0.4436i
37.1	0.9382−2.8327i	−0.0193−0.4479i	0.9083+1.1571i	0.6031−3.1612i	−0.0222−0.3202i	−0.5247+0.4784i	−0.9787−0.3846i

37.2	0.8601-2.9311i	-0.0314-0.4633i	0.9164+1.1354i	0.5204-3.2594i	-0.0277-0.3300i	-0.5123+0.5475i	-0.9543-0.3010i
37.3	0.6997-3.0006i	-0.0583-0.4990i	0.9152+1.1319i	0.3582-3.3388i	-0.0430-0.3561i	-0.4484+0.6151i	-0.8197-0.2091i
37.4	0.6186-3.0493i	-0.0805-0.5318i	0.9188+1.1290i	0.2654-3.4030i	-0.0594-0.3834i	-0.4121+0.6606i	-0.7558-0.1484i
37.5	0.5017-3.1319i	-0.1093-0.5625i	0.9239+1.0808i	0.1336-3.5007i	-0.0759-0.4075i	-0.3745+0.7359i	-0.6716-0.0664i
37.6	0.3578-3.1814i	-0.1490-0.5972i	0.9303+1.0285i	-0.0275-3.5703i	-0.1018-0.4398i	-0.3270+0.8117i	-0.5738-0.0096i
37.7	0.1968-3.1863i	-0.2061-0.6220i	0.8663+0.9989i	-0.2195-3.5947i	-0.1457-0.4629i	-0.2179+0.8698i	-0.3573-0.0085i
37.8	0.0491-3.1768i	-0.2565-0.6300i	0.8118+0.9858i	-0.4008-3.5990i	-0.1816-0.4741i	-0.1085+0.9059i	-0.1732-0.0580i
37.9	-0.1392-3.1332i	-0.3265-0.6263i	0.7032+0.9893i	-0.6309-3.5622i	-0.2341-0.4789i	0.0694+0.9072i	0.0253-0.1757i
38.0	-0.2786-3.1112i	-0.3952-0.6180i	0.6482+1.0080i	-0.8212-3.5412i	-0.2897-0.4733i	0.1898+0.8957i	0.0999-0.3007i
38.1	-0.4608-3.0380i	-0.4831-0.5823i	0.6330+1.0415i	-1.0715-3.4497i	-0.3569-0.4511i	0.2872+0.8428i	0.0483-0.4337i
38.2	-0.5701-2.9765i	-0.5346-0.5374i	0.6106+1.0879i	-1.2289-3.3499i	-0.3940-0.4162i	0.3635+0.7559i	0.0756-0.4800i
38.3	-0.6286-2.8912i	-0.5819-0.4733i	0.5589+1.1145i	-1.3281-3.2087i	-0.4319-0.3648i	0.4441+0.6977i	0.0885-0.4542i
38.4	-0.6795-2.8003i	-0.6057-0.4204i	0.4818+1.1365i	-1.4008-3.0801i	-0.4489-0.3309i	0.4956+0.6514i	0.1128-0.4743i
38.5	-0.7753-2.7475i	-0.6258-0.3687i	0.4222+1.1738i	-1.5143-2.9918i	-0.4625-0.2998i	0.5595+0.5837i	0.1827-0.5569i
38.6	-0.8563-2.7126i	-0.6438-0.3015i	0.3403+1.3086i	-1.6154-2.8915i	-0.4794-0.2484i	0.6486+0.4721i	0.2842-0.6319i
38.7	-0.8938-2.7124i	-0.6442-0.2620i	0.3245+1.4481i	-1.6617-2.8522i	-0.4835-0.2195i	0.6765+0.3776i	0.3255-0.7137i
38.8	-0.9829-2.6715i	-0.6555-0.2194i	0.3105+1.5885i	-1.7696-2.7706i	-0.4933-0.1899i	0.7182+0.2604i	0.3605-0.7876i
38.9	-1.0833-2.6204i	-0.6403-0.1538i	0.3227+1.8006i	-1.8525-2.6510i	-0.4797-0.1370i	0.7338+0.0834i	0.4024-0.9148i
39.0	-1.1559-2.5201i	-0.6250-0.1131i	0.4114+1.9295i	-1.9079-2.5100i	-0.4661-0.1122i	0.6851-0.0393i	0.3750-1.0433i
39.1	-1.2292-2.4489i	-0.5984-0.0768i	0.5551+2.0686i	-1.9555-2.3932i	-0.4470-0.0865i	0.5747-0.1692i	0.3113-1.1706i
39.2	-1.2926-2.4453i	-0.5630-0.0546i	0.6806+2.2044i	-1.9779-2.3626i	-0.4183-0.0728i	0.4745-0.2582i	0.2323-1.2837i
39.3	-1.4027-2.3694i	-0.5396-0.0495i	0.8370+2.2588i	-2.0569-2.2849i	-0.4012-0.0809i	0.3608-0.2966i	0.1161-1.3644i
39.4	-1.4932-2.2612i	-0.5224-0.0404i	1.0079+2.3050i	-2.1217-2.1662i	-0.3911-0.0796i	0.2596-0.3236i	0.0043-1.3688i
39.5	-1.5144-2.1605i	-0.5088-0.0368i	1.1764+2.3018i	-2.1222-2.0575i	-0.3897-0.0838i	0.1518-0.2996i	-0.1135-1.3543i
39.6	-1.5778-2.0465i	-0.5323-0.0292i	1.3830+2.2069i	-2.1845-1.9353i	-0.4215-0.0802i	0.0496-0.2441i	-0.1570-1.3253i
39.7	-1.6028-1.9967i	-0.5455+0.0319i	1.4373+2.0974i	-2.2038-1.8535i	-0.4393-0.0187i	0.0777-0.2057i	-0.1474-1.3737i
39.8	-1.6112-1.8994i	-0.4718+0.0529i	1.4614+2.1289i	-2.1628-1.7553i	-0.3734-0.0012i	0.0274-0.2566i	-0.2920-1.3732i
39.9	-1.6493-1.7887i	-0.4459+0.0352i	1.6062+2.0838i	-2.1774-1.6635i	-0.3533-0.0185i	-0.0805-0.2299i	-0.3982-1.3086i
40.0	-1.6798-1.6943i	-0.4346+0.0269i	1.7127+2.0167i	-2.1992-1.5842i	-0.3490-0.0275i	-0.1466-0.1999i	-0.4396-1.2335i
40.1	-1.6491-1.5866i	-0.4275+0.0191i	1.7502+1.9589i	-2.1644-1.4886i	-0.3492-0.0333i	-0.1769-0.1701i	-0.4734-1.1585i
40.2	-1.6626-1.4779i	-0.4336+0.0187i	1.8423+1.8459i	-2.1821-1.3830i	-0.3592-0.0333i	-0.2373-0.1074i	-0.5034-1.0674i
40.3	-1.6605-1.4224i	-0.4488+0.0194i	1.8708+1.7942i	-2.1967-1.3324i	-0.3766-0.0336i	-0.2445-0.0790i	-0.4850-1.0187i
40.4	-1.6567-1.3310i	-0.4630+0.0294i	1.9276+1.7332i	-2.2143-1.2355i	-0.3919-0.0277i	-0.2883-0.0440i	-0.4887-0.9641i
40.5	-1.6340-1.2422i	-0.4543+0.0205i	1.9575+1.6744i	-2.1843-1.1644i	-0.3868-0.0331i	-0.3014+0.0142i	-0.4733-0.9016i
40.6	-1.5961-1.1677i	-0.4624+0.0209i	1.9549+1.5644i	-2.1627-1.0906i	-0.4014-0.0308i	-0.2861+0.1008i	-0.4535-0.8417i
40.7	-1.5285-1.1191i	-0.4843+0.0415i	1.9402+1.5169i	-2.1209-1.0173i	-0.4264-0.0104i	-0.2849+0.1203i	-0.3825-0.8177i
40.8	-1.5538-1.1139i	-0.5032+0.0947i	1.9135+1.5205i	-2.1788-0.9800i	-0.4411+0.0479i	-0.2694+0.0749i	-0.3296-0.8468i
40.9	-1.5126-1.0543i	-0.4771+0.1172i	1.9218+1.5764i	-2.1468-0.8943i	-0.4149+0.0666i	-0.2998+0.0269i	-0.3037-0.8300i
41.0	-1.4467-0.9910i	-0.4790+0.1279i	1.9411+1.6008i	-2.0840-0.8108i	-0.4212+0.0751i	-0.3013+0.0221i	-0.2714-0.8042i
41.1	-1.4252-0.9659i	-0.4609+0.1649i	2.0347+1.5731i	-2.0585-0.7318i	-0.4056+0.1088i	-0.3670+0.0424i	-0.2472-0.8085i
41.2	-1.3729-0.9763i	-0.4383+0.1835i	2.1547+1.5531i	-2.0010-0.6920i	-0.3889+0.1251i	-0.4768+0.0186i	-0.2230-0.8582i
41.3	-1.3932-0.9538i	-0.4042+0.1721i	2.2229+1.3340i	-1.9488-0.6612i	-0.3541+0.1177i	-0.5216+0.2323i	-0.2731-0.8536i
41.4	-1.3895-0.8907i	-0.3987+0.1590i	2.1282+1.2985i	-1.9469-0.6255i	-0.3466+0.1029i	-0.4602+0.2589i	-0.2847-0.7814i
41.5	-1.3719-0.8672i	-0.3771+0.1716i	2.2389+1.3914i	-1.9216-0.5876i	-0.3266+0.1117i	-0.5315+0.2103i	-0.2361-0.7995i
41.6	-1.3369-0.8314i	-0.3604+0.1608i	2.2913+1.1777i	-1.8596-0.5469i	-0.3201+0.1025i	-0.5263+0.3745i	-0.2679-0.7859i
41.7	-1.3488-0.8271i	-0.3648+0.1854i	2.2382+1.1680i	-1.8753-0.5101i	-0.3207+0.1332i	-0.5586+0.3364i	-0.2225-0.7476i
41.8	-1.3588-0.7931i	-0.3789+0.2419i	2.3540+1.1319i	-1.9144-0.4062i	-0.3353+0.1860i	-0.6777+0.3944i	-0.1820-0.7851i
41.9	-1.3055-0.7681i	-0.3469+0.2472i	2.4088+1.0242i	-1.8234-0.3538i	-0.3111+0.1863i	-0.6765+0.5515i	-0.1617-0.8336i
42.0	-1.2572-0.7761i	-0.3447+0.2365i	2.3973+0.8717i	-1.7534-0.3732i	-0.3180+0.1809i	-0.6103+0.5913i	-0.1360-0.8175i
42.1	-1.2612-0.7987i	-0.3719+0.2629i	2.3378+0.7966i	-1.7871-0.3732i	-0.3460+0.2090i	-0.6001+0.6034i	-0.0977-0.8154i
42.2	-1.2545-0.7829i	-0.3201+0.3104i	2.1954+0.7047i	-1.7262-0.3093i	-0.2897+0.2612i	-0.4948+0.7432i	-0.0700-0.8760i
42.3	-1.2225-0.7912i	-0.2779+0.3590i	2.0764+0.6500i	-1.6943-0.2469i	-0.2459+0.3161i	-0.3409+0.7735i	-0.1883-0.9440i
42.4	-1.3143-0.8005i	-0.1977+0.2827i	2.0298+0.6906i	-1.6562-0.2288i	-0.1569+0.2447i	-0.3850+0.7540i	-0.2173-0.8879i
42.5	-1.3911-0.7496i	-0.1651+0.2273i	2.0521+0.7601i	-1.6057-0.2286i	-0.1155+0.1830i	-0.4299+0.7535i	-0.2243-0.8849i
42.6	-1.3806-0.6916i	-0.1816+0.2257i	2.2017+0.7672i	-1.5817-0.2242i	-0.1377+0.1710i	-0.5460+0.7456i	-0.2093-0.8017i
42.7	-1.3276-0.6437i	-0.1742+0.2256i	2.1813+0.6557i	-1.5322-0.2065i	-0.1352+0.1712i	-0.5275+0.8559i	-0.1228-0.7554i
42.8	-1.2919-0.6629i	-0.1940+0.2520i	2.1613+0.6243i	-1.5044-0.1917i	-0.1554+0.2016i	-0.5121+0.8896i	-0.0503-0.7717i
42.9	-1.3456-0.6126i	-0.1462+0.3088i	2.1153+0.4811i	-1.4775-0.1008i	-0.0983+0.2619i	-0.4719+1.0602i	-0.0903-0.8772i
43.0	-1.3720-0.5020i	-0.0437+0.2573i	1.9668+0.5598i	-1.4178-0.1051i	0.0146+0.1954i	-0.2688+1.0217i	-0.1730-0.8429i
43.1	-1.3364-0.4674i	-0.0158+0.2049i	2.0193+0.5688i	-1.3730-0.1137i	0.0388+0.1318i	-0.2933+1.0018i	-0.1747-0.7878i
43.2	-1.2240-0.3884i	-0.0705+0.1354i	2.0853+0.5053i	-1.3289-0.1110i	-0.0252+0.0530i	-0.3240+1.0338i	-0.1376-0.7708i
43.3	-1.1685-0.4069i	-0.1042+0.1308i	2.1049+0.2722i	-1.3026-0.0985i	-0.0684+0.0499i	-0.3470+1.2298i	-0.1215-0.7838i
43.4	-1.1426-0.4481i	-0.1071+0.1414i	1.8958+0.2411i	-1.2591-0.1232i	-0.0712+0.0710i	-0.2481+1.2555i	-0.0335-0.7439i

43.5	-1.1748-0.4080i	-0.0809+0.1502i	1.7831+0.2548i	-1.2539-0.0709i	-0.0437+0.0820i	-0.1745+1.2956i	-0.0381-0.7753i
43.6	-1.2260-0.3752i	-0.0265+0.1378i	1.7260+0.3826i	-1.2004-0.0613i	0.0144+0.0636i	-0.0919+1.2757i	-0.1050-0.8561i
43.7	-1.1338-0.3252i	-0.0200+0.0914i	1.8635+0.4424i	-1.1275-0.1216i	0.0100+0.0033i	-0.1581+1.2277i	-0.1519-0.7630i
43.8	-1.0209-0.2775i	-0.0525+0.0653i	1.7128+0.3664i	-1.0679-0.1098i	-0.0339-0.0309i	0.0293+1.2989i	-0.0670-0.6644i
43.9	-0.9348-0.3160i	-0.0616+0.0790i	1.6468+0.3269i	-1.0152-0.1142i	-0.0566-0.0175i	0.1248+1.3155i	-0.0246-0.7145i
44.0	-0.9568-0.4074i	-0.0710+0.1145i	1.7391+0.2137i	-1.0517-0.0991i	-0.0736+0.0264i	0.0330+1.4462i	0.0010-0.8329i
44.1	-0.9787-0.4074i	-0.0040+0.0759i	1.4571+0.0838i	-0.9398-0.1229i	-0.0029+0.0005i	0.3048+1.6296i	-0.0650-0.8710i
44.2	-0.9710-0.3812i	0.0207+0.0257i	1.0458+0.3197i	-0.8526-0.1810i	0.0288-0.0552i	0.7537+1.4046i	-0.1479-0.7682i
44.3	-0.9347-0.2889i	0.0327+0.0024i	1.0536+0.5496i	-0.7309-0.1620i	0.0385-0.0850i	0.8290+1.2132i	-0.1654-0.7602i
44.4	-0.8953-0.3448i	0.0144+0.0162i	1.2770+0.6189i	-0.7272-0.2657i	0.0112-0.0691i	0.7092+1.0369i	-0.2174-0.7800i
44.5	-0.9070-0.4234i	0.0172+0.0129i	1.3725+0.4618i	-0.7700-0.3513i	0.0084-0.0615i	0.5475+1.0934i	-0.1934-0.7323i
44.6	-0.9232-0.3634i	0.0002-0.0862i	1.2021+0.5290i	-0.7705-0.4343i	-0.0049-0.1646i	0.6700+1.1140i	-0.2474-0.6924i
44.7	-0.8457-0.3288i	-0.0350-0.1212i	1.1198+0.6526i	-0.7530-0.5034i	-0.0425-0.2014i	0.7569+0.9778i	-0.2675-0.5733i
44.8	-0.8251-0.3924i	-0.0605-0.1349i	1.1119+0.8196i	-0.8264-0.6057i	-0.0689-0.2198i	0.7044+0.8541i	-0.1606-0.4876i
44.9	-0.7698-0.4752i	-0.1161-0.1572i	1.3498+1.0258i	-0.8918-0.7016i	-0.1364-0.2460i	0.5085+0.7884i	0.0529-0.4218i
45.0	-0.6946-0.5973i	-0.1437-0.0710i	1.4231+0.8386i	-0.8865-0.6584i	-0.1768-0.1419i	0.5259+0.9319i	0.1975-0.4969i
45.1	-0.7799-0.6951i	-0.0688-0.0646i	1.3009+0.8128i	-0.8512-0.7056i	-0.0974-0.1227i	0.6301+0.9321i	0.1597-0.6470i
45.2	-0.9003-0.6714i	-0.0164-0.1379i	1.3044+0.9127i	-0.8902-0.7753i	-0.0330-0.1971i	0.5688+0.8558i	0.0695-0.6715i
45.3	-0.9917-0.6338i	-0.0345-0.2164i	1.2877+1.0040i	-0.9781-0.8345i	-0.0446-0.2803i	0.6248+0.8496i	0.0289-0.6324i
45.4	-0.9845-0.6212i	-0.1243-0.2444i	1.3558+1.1716i	-1.0673-0.8850i	-0.1441-0.3111i	0.6657+0.6397i	0.0642-0.5142i
45.5	-0.9888-0.6248i	-0.2071-0.1952i	1.5928+0.9952i	-1.1917-0.8409i	-0.2323-0.2555i	0.5053+0.6732i	0.1051-0.4609i
45.6	-1.0349-0.6521i	-0.2438-0.2277i	1.6394+1.0361i	-1.3086-0.9118i	-0.2669-0.2962i	0.3661+0.7206i	0.1866-0.4616i
45.7	-1.0431-0.6590i	-0.3050-0.2272i	1.7168+1.0570i	-1.4060-0.9012i	-0.3371-0.2932i	0.3183+0.7324i	0.2996-0.4734i
45.8	-1.1518-0.6195i	-0.3546-0.1539i	1.8004+0.8631i	-1.5407-0.7434i	-0.3878-0.2087i	0.2811+0.9332i	0.3651-0.5255i
45.9	-1.1622-0.6973i	-0.3709-0.0751i	1.7887+0.7481i	-1.5673-0.7284i	-0.4102-0.1241i	0.3368+1.0578i	0.4618-0.6281i
46.0	-1.2367-0.7041i	-0.2797-0.0412i	1.5637+0.7048i	-1.5302-0.7012i	-0.3164-0.0830i	0.5635+1.1050i	0.4106-0.7574i
46.1	-1.3143-0.6156i	-0.2321-0.1141i	1.3765+0.8441i	-1.5355-0.6870i	-0.2662-0.1542i	0.7723+1.0070i	0.3179-0.7422i
46.2	-1.3270-0.5005i	-0.2712-0.1813i	1.4847+1.0723i	-1.5428-0.6632i	-0.2976-0.2253i	0.7246+0.7735i	0.3172-0.6274i
46.3	-1.3261-0.4510i	-0.3402-0.1379i	1.6522+0.9319i	-1.5866-0.5918i	-0.3651-0.1900i	0.5833+0.8503i	0.3993-0.6210i
46.4	-1.3868-0.4345i	-0.3245-0.0527i	1.5212+0.7764i	-1.5852-0.5051i	-0.3477-0.0959i	0.6445+0.9651i	0.3824-0.6866i
46.5	-1.4305-0.3190i	-0.2770-0.0399i	1.2999+0.8389i	-1.5661-0.4643i	-0.2949-0.0843i	0.8273+0.9159i	0.3269-0.6455i
46.6	-1.4126-0.2466i	-0.2661-0.0593i	1.2226+1.0776i	-1.5764-0.4797i	-0.2858-0.1107i	0.9043+0.7514i	0.3685-0.5990i
46.7	-1.4019-0.2160i	-0.2382-0.0575i	1.3360+1.2725i	-1.5840-0.4836i	-0.2578-0.1086i	0.8313+0.6397i	0.4174-0.6265i
46.8	-1.3799-0.0138i	-0.1720-0.1750i	1.5422+1.3640i	-1.5960-0.4065i	-0.1939-0.2331i	0.7467+0.5834i	0.3242-0.5254i
46.9	-1.3107+0.0099i	-0.2547-0.2289i	1.7320+1.3582i	-1.6740-0.3887i	-0.2896-0.2867i	0.6221+0.5557i	0.4700-0.4810i
47.0	-1.2054+0.0005i	-0.3298-0.2255i	1.8395+1.3137i	-1.6602-0.3590i	-0.3706-0.2745i	0.5571+0.5293i	0.5880-0.5261i
47.1	-1.1782+0.0421i	-0.3863-0.2085i	1.9387+1.1606i	-1.6562-0.2894i	-0.4265-0.2503i	0.4581+0.6764i	0.6491-0.5610i
47.2	-1.1583+0.0592i	-0.4345-0.1654i	1.9277+1.0167i	-1.6899-0.2236i	-0.4762-0.2013i	0.4712+0.8157i	0.7423-0.5824i
47.3	-1.1137+0.0298i	-0.4541-0.0969i	1.8014+0.9177i	-1.6612-0.1704i	-0.4923-0.1235i	0.5808+0.8859i	0.8060-0.6700i
47.4	-1.1103+0.0282i	-0.4086-0.0442i	1.6246+0.9878i	-1.5917-0.1393i	-0.4409-0.0677i	0.7624+0.8460i	0.7938-0.7701i
47.5	-1.1097+0.1160i	-0.3683-0.0653i	1.6293+1.1994i	-1.5585-0.1460i	-0.3943-0.0996i	0.8330+0.7040i	0.7574-0.7849i
47.6	-0.9644+0.1343i	-0.4176-0.0944i	1.9479+1.2274i	-1.5825-0.1739i	-0.4571-0.1429i	0.6645+0.6159i	0.8407-0.7282i
47.7	-0.9754+0.0231i	-0.3943-0.0075i	2.0337+0.8900i	-1.6165-0.1105i	-0.4430-0.0362i	0.5731+0.7778i	0.9114-0.8723i
47.8	-1.0347+0.0562i	-0.3479-0.0055i	1.6795+0.7967i	-1.5599-0.0223i	-0.3794-0.0260i	0.8084+0.8328i	0.8522-0.9398i
47.9	-1.0758+0.0827i	-0.3368+0.0027i	1.4488+0.9925i	-1.5418-0.0121i	-0.3535-0.0166i	0.9814+0.6957i	0.8331-1.0149i
48.0	-1.0208+0.0934i	-0.3227+0.0087i	1.4703+1.1548i	-1.5210-0.0084i	-0.3437-0.0126i	0.9426+0.5967i	0.8966-1.0812i
48.1	-1.0499+0.1619i	-0.2631-0.0553i	1.5147+1.3833i	-1.4929-0.0066i	-0.2719-0.0786i	0.9022+0.4367i	0.8619-1.1058i
48.2	-1.0477+0.2327i	-0.2785-0.1147i	1.7545+1.3687i	-1.5354+0.0098i	-0.2856-0.1419i	0.7095+0.4820i	0.7970-1.0639i
48.3	-1.0439+0.2483i	-0.2700-0.1609i	1.6637+1.4170i	-1.4909+0.0491i	-0.2727-0.1894i	0.7973+0.4634i	0.7915-1.1223i
48.4	-0.9638+0.2952i	-0.3202-0.2150i	1.7426+1.5214i	-1.4023+0.0137i	-0.3315-0.2562i	0.8185+0.3950i	0.7496-1.1192i
48.5	-0.9466+0.2738i	-0.3357-0.1954i	1.6823+1.4989i	-1.3925-0.0244i	-0.3495-0.2249i	0.9010+0.3521i	0.7689-1.1258i
48.6	-0.8860+0.4180i	-0.3906-0.2902i	1.9139+1.9049i	-1.4132-0.0877i	-0.4019-0.3451i	0.7250+0.0907i	0.7214-1.0323i
48.7	-0.7653+0.4071i	-0.5028-0.2741i	2.2473+1.7648i	-1.4667-0.0681i	-0.5269-0.3249i	0.5529+0.1661i	0.8140-1.0100i
48.8	-0.7388+0.2753i	-0.5589-0.1245i	2.1894+1.3860i	-1.4765-0.0041i	-0.5817-0.1590i	0.5831+0.3446i	0.9302-1.1108i
48.9	-0.7938+0.2660i	-0.4542-0.0419i	1.9250+1.4573i	-1.4357-0.0005i	-0.4700-0.0801i	0.6947+0.2540i	0.8782-1.2606i
49.0	-0.7653+0.3217i	-0.3980-0.1147i	1.9741+1.6502i	-1.4267-0.0137i	-0.4125-0.1595i	0.6614+0.1532i	0.8302-1.2314i
49.1	-0.7609+0.3978i	-0.3886-0.1975i	2.0125+1.9136i	-1.3993-0.0392i	-0.3959-0.2544i	0.6667-0.0135i	0.8058-1.2297i
49.2	-0.6381+0.4117i	-0.4514-0.2478i	2.3354+1.9804i	-1.4313-0.0811i	-0.4792-0.3129i	0.4429-0.1104i	0.8402-1.2258i
49.3	-0.5845+0.3526i	-0.5140-0.2532i	2.4996+1.7764i	-1.4708-0.0504i	-0.5514-0.2996i	0.3058-0.0111i	0.8803-1.2564i
49.4	-0.5771+0.3306i	-0.6235-0.2321i	2.5990+1.7578i	-1.5049-0.0448i	-0.6520-0.2781i	0.1924+0.0165i	0.8644-1.3359i
49.5	-0.5899+0.3642i	-0.5941-0.1899i	2.5855+1.9134i	-1.4843-0.0468i	-0.6153-0.2407i	0.1731-0.0901i	0.8200-1.3896i
49.6	-0.5314+0.4776i	-0.6075-0.2525i	2.9202+2.0094i	-1.5109-0.0362i	-0.6358-0.3168i	-0.1357-0.1569i	0.7709-1.2750i
49.7	-0.3922+0.4594i	-0.7346-0.2314i	3.2222+1.6999i	-1.5824-0.0053i	-0.7832-0.3009i	-0.3416+0.1595i	0.8974-1.2274i

49.8	-0.3234+0.3373i	-0.8003-0.1302i	3.1461+1.3438i	-1.5914+0.0349i	-0.8543-0.1809i	-0.2306+0.4267i	1.0390-1.2973i
49.9	-0.4181+0.2751i	-0.6984-0.0363i	2.7092+1.3511i	-1.5198+0.0545i	-0.7349-0.0739i	0.1158+0.3966i	1.0027-1.4848i
50.0	-0.4219+0.3566i	-0.6625-0.1149i	2.8673+1.6469i	-1.5609-0.0041i	-0.6982-0.1673i	0.0108+0.1447i	0.8726-1.4263i
50.1	-0.3323+0.3296i	-0.7388-0.1163i	3.0829+1.5870i	-1.6203-0.0074i	-0.7856-0.1725i	-0.2019+0.1658i	0.9765-1.3830i
50.2	-0.3302+0.2761i	-0.7386-0.0635i	3.1436+1.4977i	-1.6570+0.0256i	-0.7897-0.1196i	-0.2988+0.2517i	0.9497-1.4507i
50.3	-0.2422+0.2866i	-0.7814-0.0474i	3.4086+1.4223i	-1.6938+0.0826i	-0.8426-0.1014i	-0.5245+0.3332i	0.9698-1.5056i
50.4	-0.1657+0.2049i	-0.8234-0.0022i	3.5525+1.1625i	-1.7481+0.1307i	-0.8941-0.0430i	-0.6962+0.5799i	1.0673-1.5597i
50.5	-0.1327+0.1368i	-0.8095+0.0321i	3.4633+0.9661i	-1.7173+0.1977i	-0.8803+0.0006i	-0.6172+0.7852i	1.1327-1.6164i
50.6	-0.1819+0.0749i	-0.7493+0.0979i	3.1328+0.8395i	-1.6329+0.3479i	-0.8097+0.0772i	-0.3195+0.9936i	1.1712-1.8192i
50.7	-0.3100+0.0179i	-0.6997+0.0712i	2.9598+0.9964i	-1.5878+0.2990i	-0.7473+0.0535i	-0.1347+0.9133i	0.9643-1.9948i
50.8	-0.2808+0.0890i	-0.7667-0.0159i	3.2572+1.3242i	-1.5564+0.1971i	-0.8117-0.0483i	-0.3380+0.6788i	0.8088-2.0030i
50.9	-0.1812+0.2004i	-0.8637-0.0464i	3.5456+1.4210i	-1.5598+0.1733i	-0.9196-0.0907i	-0.5232+0.5906i	0.8128-1.8514i
51.0	-0.1691+0.1946i	-0.8381-0.0100i	3.6045+1.4286i	-1.5795+0.1335i	-0.8955-0.0584i	-0.5205+0.5758i	0.7548-1.8278i
51.1	0.0186+0.1033i	-1.0004+0.0535i	4.0556+0.9817i	-1.6726+0.1878i	-1.0805+0.0149i	-0.8679+0.8767i	0.9321-1.7980i
51.2	-0.0894-0.1137i	-0.9275+0.2901i	3.5673+0.5101i	-1.6371+0.3017i	-0.9897+0.2851i	-0.5256+1.3098i	0.9710-2.1059i
51.3	-0.3057+0.0662i	-0.6510+0.1969i	3.1512+1.1585i	-1.5179+0.2404i	-0.6738+0.1653i	-0.1312+0.8240i	0.5548-2.1561i
51.4	-0.1232+0.3339i	-0.7348-0.0979i	3.9505+1.7031i	-1.6346+0.0849i	-0.7836-0.1783i	-0.7520+0.3286i	0.4226-1.7060i
51.5	0.1225+0.1402i	-1.0031-0.0154i	4.6300+0.9434i	-1.8729+0.1750i	-1.1038-0.0754i	-1.3477+0.9742i	0.7295-1.6132i
51.6	0.2671-0.1556i	-1.1322+0.2001i	4.7507+0.0816i	-1.9343+0.3483i	-1.2561+0.1794i	-1.4551+1.7126i	1.0247-1.8510i
51.7	0.2604-0.3167i	-1.0944+0.3058i	4.4788-0.2080i	-1.8245+0.4306i	-1.2102+0.3042i	-1.1638+1.9700i	1.0680-2.1157i
51.8	0.1669-0.4332i	-1.0704+0.3716i	4.3505-0.3807i	-1.7973+0.4459i	-1.1829+0.3875i	-0.9986+2.0813i	0.9490-2.3298i
51.9	0.0883-0.4659i	-1.0662+0.3837i	4.1735-0.4596i	-1.7996+0.4159i	-1.1647+0.4104i	-0.8917+2.1408i	0.8054-2.3649i
52.0	0.1245-0.3896i	-1.0915+0.3870i	4.0865-0.4097i	-1.8098+0.4623i	-1.1868+0.4050i	-0.8239+2.1182i	0.8585-2.2479i
52.1	0.1295-0.5435i	-1.1361+0.5088i	4.1707-0.6266i	-1.8865+0.4858i	-1.2345+0.5308i	-0.9325+2.3306i	0.9068-2.3573i
52.2	-0.0005-0.7431i	-1.0386+0.6978i	3.9089-1.1521i	-1.8771+0.6433i	-1.1281+0.7491i	-0.6659+2.8112i	0.7896-2.6754i
52.3	-0.2598-0.7807i	-0.8263+0.7370i	3.2945-1.2088i	-1.7659+0.6914i	-0.8847+0.7885i	-0.1096+2.8676i	0.4337-2.8042i
52.4	-0.3279-0.6647i	-0.7884+0.6249i	3.2302-0.9206i	-1.7771+0.6221i	-0.8402+0.6569i	-0.0816+2.6372i	0.2032-2.5795i
52.5	-0.2776-0.6546i	-0.8307+0.6694i	3.1857-1.0701i	-1.7811+0.7550i	-0.8863+0.7133i	0.0030+2.8326i	0.3105-2.5093i
52.6	-0.4589-0.6694i	-0.6873+0.7100i	2.7445-0.9661i	-1.6971+0.8003i	-0.7273+0.7550i	0.4204+2.7754i	0.0923-2.6036i
52.7	-0.5333-0.6312i	-0.5800+0.5953i	2.7704-0.5555i	-1.6620+0.6260i	-0.6155+0.6115i	0.3730+2.3664i	-0.1260-2.5791i
52.8	-0.4817-0.5094i	-0.6068+0.4887i	2.8759-0.4839i	-1.6153+0.6807i	-0.6462+0.4923i	0.3389+2.3936i	-0.0868-2.3848i
52.9	-0.4904-0.4603i	-0.6812+0.4074i	2.9674-0.4132i	-1.6080+0.5893i	-0.7270+0.4101i	0.3337+2.3429i	-0.2073-2.3374i
53.0	-0.4008-0.4951i	-0.8243+0.4456i	3.1460-0.6304i	-1.7876+0.5343i	-0.8833+0.4604i	0.1514+2.5067i	-0.1616-2.1950i
53.1	-0.3916-0.4681i	-0.8350+0.5453i	3.0679-0.6485i	-1.8580+0.7353i	-0.8928+0.5670i	0.3026+2.6507i	-0.0334-2.0714i
53.2	-0.5154-0.6564i	-0.8012+0.6917i	2.7669-0.9590i	-1.9242+0.8605i	-0.8601+0.7236i	0.4851+2.9407i	-0.0613-2.3041i
53.3	-0.5136-0.6629i	-0.7646+0.7312i	2.6542-0.8314i	-1.8223+0.9427i	-0.8220+0.7609i	0.6927+2.8391i	-0.0287-2.3868i
53.4	-0.6066-0.5524i	-0.6955+0.7075i	2.6500-0.6248i	-1.7665+0.9841i	-0.7513+0.7426i	0.7826+2.6631i	-0.1662-2.2320i
53.5	-0.7174-0.5102i	-0.5952+0.6602i	2.6155-0.6336i	-1.7832+0.9396i	-0.6450+0.6919i	0.7590+2.6637i	-0.3913-2.2081i
53.6	-0.6686-0.5624i	-0.6623+0.6439i	2.5368-0.8366i	-1.8687+0.9343i	-0.7251+0.6770i	0.8156+2.8175i	-0.4182-2.1551i
53.7	-0.5804-0.4920i	-0.7435+0.6299i	2.6004-0.4257i	-1.8428+0.9992i	-0.8035+0.6571i	0.8330+2.4880i	-0.1841-2.0261i
53.8	-0.6129-0.5337i	-0.8508+0.7207i	3.0308-0.5557i	-2.0685+1.1077i	-0.9281+0.7587i	0.3818+2.6707i	-0.1053-2.0136i
53.9	-0.6606-0.6493i	-0.7788+0.9617i	2.8864-1.0925i	-2.0087+1.4507i	-0.8533+1.0361i	0.5237+3.2763i	-0.0041-2.2674i
54.0	-0.8871-0.6475i	-0.5049+0.9740i	2.3827-1.1252i	-1.7312+1.5041i	-0.5394+1.0526i	1.0333+3.3997i	-0.3118-2.4137i
54.1	-0.9709-0.5686i	-0.3807+0.8158i	2.1454-0.8877i	-1.5547+1.3275i	-0.4018+0.8753i	1.3934+3.1206i	-0.5708-2.4539i
54.2	-0.9177-0.4005i	-0.4939+0.7620i	2.3600-0.7187i	-1.6728+1.4187i	-0.5300+0.8148i	1.2493+3.0736i	-0.5285-2.1921i
54.3	-0.9308-0.4240i	-0.4760+0.8711i	2.2899-0.9610i	-1.6534+1.5956i	-0.5134+0.9402i	1.4090+3.3588i	-0.5584-2.1708i
54.4	-1.0146-0.3230i	-0.3619+0.8274i	1.9721-0.8373i	-1.4917+1.6588i	-0.3762+0.8984i	1.8291+3.2928i	-0.6998-2.1040i
54.5	-1.1074-0.1263i	-0.3143+0.7185i	1.7890-0.5292i	-1.4508+1.6988i	-0.3130+0.7756i	2.0591+3.0933i	-0.8340-1.8895i
54.6	-1.1191-0.1141i	-0.2688+0.6908i	1.7520-0.3772i	-1.3450+1.6669i	-0.2613+0.7417i	2.1924+2.9409i	-0.9352-1.9341i
54.7	-1.1042+0.0185i	-0.2776+0.5511i	1.8586-0.1387i	-1.3046+1.5312i	-0.2791+0.5774i	2.1444+2.6498i	-1.0694-1.7360i
54.8	-0.9544+0.1534i	-0.4409+0.5305i	2.1754-0.0961i	-1.4057+1.6230i	-0.4672+0.5586i	1.9703+2.6924i	-0.9274-1.4275i
54.9	-0.8465+0.0011i	-0.4770+0.7010i	2.1541-0.4782i	-1.3608+1.7568i	-0.5093+0.7586i	2.0606+2.9522i	-0.7569-1.5092i
55.0	-0.8254+0.0781i	-0.4200+0.6672i	2.0157-0.2843i	-1.2050+1.7869i	-0.4417+0.7172i	2.2722+2.8127i	-0.7332-1.4168i
55.1	-0.9151+0.1388i	-0.3138+0.6351i	1.8229-0.1683i	-1.0748+1.7945i	-0.3214+0.6766i	2.5191+2.7156i	-0.9169-1.3572i
55.2	-0.9070+0.1942i	-0.3147+0.6046i	1.8515-0.0469i	-1.0221+1.7853i	-0.3192+0.6435i	2.5702+2.5749i	-0.8937-1.2590i
55.3	-0.7828+0.2835i	-0.3433+0.5689i	1.9564+0.1204i	-0.8932+1.7821i	-0.3501+0.6011i	2.6356+2.3953i	-0.7909-1.1013i
55.4	-0.5464+0.4226i	-0.4182+0.5095i	2.2069+0.3182i	-0.7497+1.7574i	-0.4363+0.5284i	2.6059+2.1506i	-0.5599-0.9234i
55.5	-0.5514+0.4142i	-0.4439+0.5059i	2.2977+0.2934i	-0.7950+1.7568i	-0.4655+0.5205i	2.5004+2.1684i	-0.5772-0.8916i
55.6	-0.4995+0.4085i	-0.4716+0.5368i	2.2473+0.1407i	-0.7642+1.8326i	-0.5050+0.5667i	2.5748+2.2967i	-0.4819-0.7986i
55.7	-0.3518+0.4000i	-0.5080+0.5351i	2.3007+0.2422i	-0.6411+1.7698i	-0.5443+0.5643i	2.6367+2.1365i	-0.3017-0.7402i
55.8	-0.2721+0.4764i	-0.5153+0.5142i	2.3637+0.4043i	-0.5246+1.7713i	-0.5498+0.5418i	2.7196+2.0137i	-0.2128-0.5952i
55.9	-0.1313+0.4542i	-0.5421+0.5301i	2.5259+0.4660i	-0.4227+1.7045i	-0.5756+0.5668i	2.7165+1.8726i	-0.0032-0.5489i
56.0	-0.1287+0.3685i	-0.5232+0.5387i	2.5386+0.4830i	-0.4078+1.6105i	-0.5622+0.5720i	2.6583+1.7897i	-0.0065-0.6433i

56.1	0.0204+0.2485i	-0.5963+0.5685i	2.8352+0.3823i	-0.4158+1.5091i	-0.6485+0.6036i	2.4622+1.7805i	0.1455-0.7019i
56.2	0.0022+0.2386i	-0.5809+0.5818i	2.7709+0.3132i	-0.3804+1.5319i	-0.6336+0.6378i	2.5835+1.8441i	0.1812-0.6586i
56.3	0.0460+0.2078i	-0.5930+0.5959i	2.7592+0.2862i	-0.3561+1.5082i	-0.6413+0.6658i	2.6391+1.8026i	0.2577-0.6489i
56.4	0.1163+0.1361i	-0.6298+0.6271i	2.8383+0.2496i	-0.3576+1.4754i	-0.6749+0.7071i	2.5999+1.7733i	0.4088-0.6935i
56.5	0.1604+0.0607i	-0.6445+0.6627i	2.9019+0.2197i	-0.3509+1.4465i	-0.6868+0.7492i	2.6087+1.7436i	0.5080-0.7352i
56.6	0.1800+0.0057i	-0.6186+0.6690i	2.8790+0.2139i	-0.2914+1.3774i	-0.6457+0.7552i	2.6569+1.7028i	0.5305-0.7543i
56.7	0.1818-0.0566i	-0.6206+0.6696i	2.8940+0.2314i	-0.3096+1.2986i	-0.6436+0.7513i	2.6578+1.6464i	0.5788-0.7575i
56.8	0.1982-0.1155i	-0.6142+0.6905i	2.9039+0.1884i	-0.2790+1.2616i	-0.6309+0.7739i	2.6959+1.6352i	0.6301-0.8239i
56.9	0.1961-0.2106i	-0.6164+0.7287i	2.9226+0.1100i	-0.2873+1.2444i	-0.6184+0.8172i	2.7218+1.6080i	0.7170-0.9502i
57.0	0.1861-0.2828i	-0.6183+0.7531i	2.9238+0.1480i	-0.3212+1.2218i	-0.6222+0.8447i	2.6922+1.5457i	0.7984-1.0170i
57.1	0.1783-0.2907i	-0.6219+0.7172i	3.0393+0.3175i	-0.3455+1.1237i	-0.6139+0.7928i	2.6397+1.3654i	0.7236-1.0520i
57.2	0.3579-0.3524i	-0.7608+0.7233i	3.5717+0.2211i	-0.4807+1.0723i	-0.7635+0.7875i	2.3042+1.3760i	0.9641-1.0285i
57.3	0.2988-0.4714i	-0.7459+0.8237i	3.4660-0.1472i	-0.4997+1.1776i	-0.7571+0.9007i	2.3847+1.6355i	0.9838-1.1034i
57.4	0.2258-0.6131i	-0.7200+0.8990i	3.3147-0.3468i	-0.5165+1.2093i	-0.7319+0.9850i	2.4960+1.7336i	1.0015-1.2837i
57.5	0.1510-0.7000i	-0.6824+0.9569i	3.1936-0.4221i	-0.5073+1.2513i	-0.6898+1.0454i	2.5689+1.7678i	1.0182-1.3994i
57.6	0.1029-0.7145i	-0.6482+0.9736i	3.0933-0.4146i	-0.4643+1.2687i	-0.6476+1.0589i	2.6447+1.7361i	0.9679-1.4523i
57.7	-0.0026-0.6955i	-0.5609+0.9845i	3.0004-0.3919i	-0.3857+1.3032i	-0.5528+1.0744i	2.7193+1.7278i	0.8686-1.4671i
57.8	-0.0777-0.7604i	-0.5296+1.0148i	2.9236-0.3909i	-0.3767+1.3281i	-0.5228+1.1107i	2.7915+1.7040i	0.8409-1.5273i
57.9	-0.1055-0.7562i	-0.5147+0.9864i	2.9063-0.3847i	-0.3595+1.2832i	-0.5024+1.0734i	2.8643+1.6419i	0.8342-1.5372i
58.0	-0.1177-0.7900i	-0.5338+0.9942i	2.8988-0.3748i	-0.3449+1.2772i	-0.5207+1.0794i	2.8957+1.6192i	0.8720-1.6250i
58.1	-0.1123-0.8368i	-0.5601+1.0279i	2.9092-0.3489i	-0.3418+1.2937i	-0.5511+1.1218i	2.8867+1.6219i	0.9166-1.6863i
58.2	-0.1876-0.8317i	-0.5399+1.0433i	2.8711-0.2952i	-0.3471+1.2805i	-0.5336+1.1390i	2.9266+1.5750i	0.8508-1.6782i
58.3	-0.2403-0.8080i	-0.4971+1.0407i	2.8464-0.2595i	-0.3054+1.2592i	-0.4894+1.1365i	2.9619+1.5148i	0.7765-1.6615i
58.4	-0.2895-0.8068i	-0.4769+1.0459i	2.8169-0.1814i	-0.2937+1.2340i	-0.4634+1.1418i	3.0015+1.4606i	0.6918-1.6802i
58.5	-0.3122-0.7969i	-0.4735+1.0532i	2.8930-0.1391i	-0.3159+1.2100i	-0.4565+1.1530i	3.0124+1.4042i	0.6894-1.6744i
58.6	-0.3623-0.8106i	-0.4288+1.0780i	2.9772-0.1825i	-0.2994+1.2230i	-0.4051+1.1820i	3.0275+1.4380i	0.6569-1.6740i
58.7	-0.3723-0.8502i	-0.4385+1.1223i	3.0270-0.2233i	-0.3179+1.2550i	-0.4198+1.2321i	3.0333+1.4829i	0.7141-1.6924i
58.8	-0.4234-0.7993i	-0.3971+1.1067i	3.0103-0.2027i	-0.2758+1.2527i	-0.3677+1.2132i	3.1062+1.4275i	0.6846-1.6739i
58.9	-0.4803-0.7781i	-0.3531+1.1106i	3.0006-0.1639i	-0.2466+1.2468i	-0.3105+1.2137i	3.1700+1.4052i	0.6150-1.6607i
59.0	-0.4685-0.7821i	-0.3330+1.1114i	3.0376-0.1656i	-0.2461+1.2359i	-0.2909+1.2183i	3.1561+1.3636i	0.6118-1.6265i
59.1	-0.4872-0.7368i	-0.2959+1.0913i	3.0456-0.1536i	-0.2001+1.2158i	-0.2519+1.1992i	3.2002+1.3060i	0.5868-1.5753i
59.2	-0.5062-0.7092i	-0.2917+1.0727i	3.1382-0.1363i	-0.2298+1.2228i	-0.2430+1.1802i	3.2584+1.2746i	0.6330-1.4830i
59.3	-0.5025-0.6836i	-0.3200+1.0400i	3.1597-0.1343i	-0.2313+1.2267i	-0.2728+1.1463i	3.2956+1.2186i	0.6177-1.4396i
59.4	-0.4934-0.6741i	-0.3075+1.0418i	3.2181-0.1422i	-0.1536+1.1951i	-0.2527+1.1562i	3.3574+1.2119i	0.6422-1.4081i
59.5	-0.4616-0.6689i	-0.3254+1.0337i	3.2945-0.1431i	-0.1570+1.1458i	-0.2658+1.1446i	3.3924+1.1685i	0.7301-1.3276i
59.6	-0.4512-0.6958i	-0.3114+1.0850i	3.3722-0.2197i	-0.1744+1.1958i	-0.2482+1.1957i	3.3942+1.0989i	0.8328-1.3732i
59.7	-0.4365-0.7079i	-0.3106+1.1085i	3.4268-0.2978i	-0.1251+1.2300i	-0.2507+1.2294i	3.3805+1.0254i	0.9345-1.3835i
59.8	-0.4176-0.7178i	-0.3124+1.0955i	3.4325-0.3976i	-0.0860+1.1782i	-0.2543+1.2143i	3.4158+0.9367i	1.0011-1.3955i
59.9	-0.4285-0.7224i	-0.3015+1.0860i	3.4430-0.4107i	-0.3457-3.6196i	-0.2200+1.2007i	3.4035+0.9130i	0.9236-1.2217i
60.0	-0.4098-0.7742i	-0.3315+1.1155i	3.4199-0.5041i	-2.7966-10.2175i	-0.2470+1.2247i	3.3338+0.8628i	0.9214-1.0830i
60.1	-0.3598-0.8552i	-0.3688+1.1794i	3.4491-0.5830i	1.2081-2.0903i	-0.2962+1.2991i	3.2709+0.7897i	1.2296-1.4299i
60.2	-0.4002-0.9360i	-0.3320+1.2357i	3.4068-0.7033i	-0.1617+1.1694i	-0.2563+1.3644i	3.2195+0.7593i	1.4276-1.6263i
60.3	-0.4438-0.9632i	-0.3224+1.2454i	3.3475-0.7202i	-0.1003+1.2495i	-0.2409+1.3746i	3.2014+0.7531i	1.4216-1.7342i
60.4	-0.4702-0.9682i	-0.3124+1.2405i	3.2840-0.7053i	-0.0911+1.1862i	-0.2275+1.3602i	3.1997+0.7285i	1.4014-1.8216i
60.5	-0.5130-1.0081i	-0.2776+1.2650i	3.2419-0.6987i	-0.0796+1.1965i	-0.1874+1.3894i	3.1641+0.7199i	1.4031-1.8627i
60.6	-0.5687-1.0499i	-0.2252+1.2942i	3.2240-0.6798i	-0.0685+1.1887i	-0.1243+1.4238i	3.1614+0.7493i	1.3638-1.9063i
60.7	-0.6324-1.0548i	-0.1735+1.3114i	3.2640-0.6800i	-0.0399+1.1669i	-0.0572+1.4378i	3.2032+0.7638i	1.3764-1.9221i
60.8	-0.7222-1.0323i	-0.1211+1.2837i	3.2127-0.6735i	0.0138+1.1564i	0.0025+1.4102i	3.1862+0.7858i	1.3365-2.0244i
60.9	-0.7260-1.1089i	-0.1114+1.2994i	3.2201-0.7584i	-0.0020+1.1760i	0.0074+1.4232i	3.1333+0.7167i	1.4716-2.1067i
61.0	-0.7807-1.1652i	-0.0969+1.3035i	3.1592-0.8019i	0.0040+1.1921i	0.0286+1.4280i	3.0852+0.7142i	1.5302-2.2482i
61.1	-0.8575-1.1036i	-0.0484+1.2891i	3.1321-0.7209i	0.0510+1.1642i	0.0912+1.4121i	3.1238+0.7731i	1.4059-2.3059i
61.2	-0.8830-1.0819i	-0.0248+1.2951i	3.1708-0.6913i	0.0343+1.1389i	0.1150+1.4183i	3.1614+0.7786i	1.3576-2.2985i
61.3	-0.9606-1.0750i	0.0068+1.2632i	3.1515-0.6680i	0.0526+1.0853i	0.1535+1.3761i	3.1793+0.7895i	1.3022-2.3732i
61.4	-0.9893-1.0313i	0.0313+1.2337i	3.1400-0.6109i	0.0611+1.0428i	0.1829+1.3440i	3.2017+0.8076i	1.2300-2.3211i
61.5	-1.0159-0.9762i	0.0439+1.2074i	3.1148-0.5562i	0.0524+1.0261i	0.1984+1.3094i	3.1925+0.8094i	1.1647-2.3078i
61.6	-1.0626-0.9428i	0.0809+1.1787i	3.1255-0.5810i	0.0563+1.0140i	0.2427+1.2677i	3.2545+0.8173i	1.1683-2.3505i
61.7	-1.0576-0.9209i	0.0779+1.1568i	3.1590-0.5517i	0.0462+0.9976i	0.2352+1.2414i	3.2855+0.8348i	1.1906-2.3094i
61.8	-1.0494-0.8957i	0.0781+1.1409i	3.2173-0.5186i	0.0224+0.9744i	0.2393+1.2261i	3.3278+0.8133i	1.2240-2.3120i
61.9	-1.0575-0.9205i	0.0765+1.1349i	3.2593-0.5357i	0.0058+1.0018i	0.2386+1.2242i	3.3306+0.7911i	1.3302-2.3622i
62.0	-1.0892-0.9139i	0.0605+1.1010i	3.2113-0.5235i	-0.0092+0.9871i	0.2235+1.1856i	3.2987+0.7814i	1.2783-2.4050i
62.1	-1.0801-0.8893i	0.0361+1.1013i	3.2568-0.4894i	-0.0118+0.9576i	0.2001+1.1845i	3.3401+0.7918i	1.2647-2.3710i
62.2	-1.0775-0.8726i	0.0396+1.0975i	3.2684-0.4555i	-0.0438+0.9582i	0.1965+1.1830i	3.3399+0.7776i	1.2509-2.3113i
62.3	-1.0895-0.8536i	0.0306+1.0753i	3.3017-0.4202i	-0.0617+0.9413i	0.1882+1.1585i	3.3686+0.7410i	1.2238-2.2603i

62.4	-1.1532-0.8777i	0.0425+1.0893i	3.3268-0.4670i	-0.0300+0.9542i	0.2129+1.1642i	3.3904+0.7512i	1.2933-2.4275i
62.5	-1.1524-0.8525i	0.0549+1.0636i	3.3438-0.4175i	-0.0509+0.9453i	0.2245+1.1420i	3.4066+0.7561i	1.2448-2.4003i
62.6	-1.1650-0.8518i	0.0594+1.0636i	3.3744-0.4030i	-0.0817+0.9740i	0.2276+1.1498i	3.4007+0.7609i	1.2847-2.4136i
62.7	-1.1760-0.8574i	0.0407+1.0395i	3.3695-0.3630i	-0.1005+0.9743i	0.2130+1.1181i	3.3919+0.7560i	1.3206-2.4137i
62.8	-1.1691-0.8861i	0.0143+1.0448i	3.4308-0.3816i	-0.1210+0.9999i	0.1843+1.1232i	3.4040+0.7365i	1.4383-2.4178i
62.9	-1.1933-0.9001i	0.0137+1.0454i	3.4658-0.3577i	-0.1185+1.0396i	0.1863+1.1355i	3.4066+0.7444i	1.4712-2.4332i
63.0	-1.1908-0.9165i	0.0122+0.9972i	3.5523-0.3445i	-0.1397+1.0886i	0.1899+1.0910i	3.4459+0.7273i	1.5666-2.4045i
63.1	-1.2011-0.8606i	-0.0081+0.9552i	3.6141-0.3106i	-0.1322+1.0490i	0.1763+1.0478i	3.4937+0.7456i	1.4848-2.4289i
63.2	-1.2667-0.8487i	-0.0405+0.9615i	3.6477-0.3276i	-0.0888+1.0605i	0.1533+1.0588i	3.4760+0.7768i	1.5110-2.4811i
63.3	-1.3084-0.8619i	-0.1072+0.9415i	3.6817-0.3125i	-0.0910+1.0927i	0.0915+1.0403i	3.4455+0.7811i	1.5725-2.5009i
63.4	-1.3474-0.8795i	-0.1612+0.9194i	3.7210-0.3015i	-0.0882+1.1259i	0.0417+1.0205i	3.4058+0.8023i	1.6973-2.5415i
63.5	-1.3424-0.8610i	-0.1845+0.9136i	3.7865-0.2884i	-0.0794+1.1167i	0.0294+1.0126i	3.4693+0.8213i	1.6733-2.5400i
63.6	-1.3523-0.8517i	-0.2343+0.8945i	3.8617-0.2627i	-0.0785+1.1321i	-0.0156+0.9988i	3.4851+0.8261i	1.7666-2.5232i
63.7	-1.3829-0.8426i	-0.3350+0.9079i	3.9562-0.2351i	-0.0967+1.1776i	-0.1068+1.0195i	3.5008+0.8707i	1.8949-2.5203i
63.8	-1.4189-0.8246i	-0.4118+0.9495i	4.0331-0.2549i	-0.0565+1.1671i	-0.1688+1.0500i	3.5192+0.9350i	1.9779-2.6265i
63.9	-1.4268-0.8067i	-0.4648+0.9795i	4.0967-0.2538i	-0.0583+1.1341i	-0.2127+1.0699i	3.5380+0.9743i	2.0496-2.6609i
64.0	-1.4288-0.8176i	-0.5272+1.0089i	4.1832-0.1791i	-0.0583+1.1553i	-0.2700+1.1033i	3.5812+1.0329i	2.1686-2.6546i
64.1	-1.4517-0.8249i	-0.5958+1.0735i	4.3096-0.1392i	-0.0731+1.1995i	-0.3283+1.1714i	3.6148+1.0973i	2.2804-2.6881i
64.2	-1.5013-0.8495i	-0.6874+1.1596i	4.4766-0.2592i	-0.0448+1.2446i	-0.3993+1.2539i	3.6769+1.1361i	2.4640-2.9558i
64.3	-1.5121-0.8448i	-0.7512+1.1938i	4.5498-0.3542i	-0.0339+1.2607i	-0.4549+1.2834i	3.6795+1.1535i	2.5410-3.0439i
64.4	-1.5175-0.8539i	-0.8064+1.2750i	4.6434-0.3434i	-0.0180+1.2672i	-0.5029+1.3640i	3.7271+1.2643i	2.6579-3.0948i
64.5	-1.5785-0.8388i	-0.8340+1.3461i	4.6925-0.3801i	0.0225+1.2482i	-0.5185+1.4220i	3.8189+1.3927i	2.6371-3.2530i
64.6	-1.6034-0.8297i	-0.9032+1.4213i	4.7633-0.4652i	0.0192+1.2568i	-0.5710+1.4823i	3.9105+1.3843i	2.6827-3.4130i
64.7	-1.6251-0.8533i	-0.9674+1.5301i	4.8294-0.4808i	0.0001+1.2652i	-0.6286+1.5882i	3.9642+1.4205i	2.8054-3.5180i
64.8	-1.6855-0.8746i	-1.0248+1.6592i	4.9376-0.5142i	0.0216+1.2899i	-0.6714+1.7162i	4.0938+1.5497i	2.9007-3.7375i
64.9	-1.7506-0.8512i	-1.0549+1.8439i	5.0402-0.6748i	0.0726+1.3109i	-0.6852+1.8828i	4.2265+1.5367i	2.9656-4.0373i
65.0	-1.8163-0.8503i	-1.1070+2.0088i	5.1163-0.7733i	0.1026+1.3117i	-0.7228+2.0265i	4.3459+1.5390i	3.0738-4.2883i
65.1	-1.8471-0.8422i	-1.0843+2.1518i	5.2079-0.8169i	0.1280+1.3349i	-0.6912+2.1598i	4.4959+1.5758i	3.1262-4.4408i
65.2	-1.8802-0.7971i	-1.0146+2.2812i	5.2689-0.9052i	0.1520+1.3237i	-0.6160+2.2656i	4.6294+1.5395i	3.0829-4.6394i
65.3	-1.9486-0.7415i	-0.9881+2.4843i	5.3679-0.9461i	0.1313+1.3128i	-0.5736+2.4437i	4.8073+1.6258i	3.0941-5.0070i
65.4	-1.9891-0.7029i	-0.9578+2.6351i	5.4165-1.0042i	0.1431+1.3213i	-0.5412+2.5799i	4.8911+1.7139i	3.0639-5.3556i
65.5	-1.9954-0.6782i	-0.9913+2.7658i	5.6008-1.0483i	0.1405+1.3553i	-0.5609+2.7109i	5.1129+1.6937i	3.0235-5.4408i
65.6	-1.9939-0.6978i	-1.0767+2.9142i	5.7128-1.1544i	0.0749+1.3519i	-0.6534+2.8388i	5.1825+1.6379i	3.1012-5.6510i
65.7	-2.0472-0.6653i	-1.0248+3.1693i	5.7498-1.2829i	0.1254+1.3640i	-0.5980+3.0616i	5.3410+1.6696i	2.9281-6.0743i
65.8	-2.0850-0.6635i	-0.8751+3.4554i	5.8426-1.4321i	0.1475+1.3947i	-0.4567+3.3280i	5.5418+1.6603i	2.7782-6.4330i
65.9	-2.1465-0.6512i	-0.6502+3.7631i	5.9308-1.6317i	0.1743+1.4369i	-0.2351+3.6097i	5.7682+1.5988i	2.5573-6.7695i
66.0	-2.2194-0.6273i	-0.4402+4.0111i	5.9636-1.8396i	0.1820+1.4939i	-0.0394+3.8244i	5.9443+1.5282i	2.3472-7.1836i
66.1	-2.2467-0.5926i	-0.1563+4.0947i	5.9453-1.9541i	0.1827+1.5163i	0.2209+3.8998i	6.1113+1.4398i	2.0198-7.3013i
66.2	-2.3043-0.5793i	0.0889+4.2650i	6.0495-2.1462i	0.2194+1.5637i	0.4625+4.0633i	6.3427+1.3398i	1.8694-7.5362i
66.3	-2.3116-0.5582i	0.2574+4.3800i	6.0745-2.2125i	0.2293+1.6138i	0.6261+4.1684i	6.5201+1.2889i	1.6842-7.5978i
66.4	-2.3357-0.5808i	0.4884+4.4929i	6.1674-2.3089i	0.2503+1.6710i	0.8596+4.2816i	6.7237+1.2410i	1.5384-7.7371i
66.5	-2.3778-0.5538i	0.7234+4.5441i	6.1450-2.4349i	0.2831+1.6962i	1.0881+4.3192i	6.8689+1.1333i	1.2877-7.9571i
66.6	-2.4514-0.4925i	1.0706+4.6262i	5.9739-2.6041i	0.3556+1.7358i	1.4096+4.3773i	6.9311+0.9792i	0.7667-8.2308i
66.7	-2.4737-0.4633i	1.2829+4.5545i	5.8905-2.6986i	0.3881+1.7547i	1.6070+4.3028i	6.9860+0.8095i	0.4576-8.1979i
66.8	-2.5338-0.4031i	1.6480+4.5448i	5.8615-2.9183i	0.4872+1.7978i	1.9574+4.2833i	7.1717+0.5856i	0.0251-8.3070i
66.9	-2.6373-0.3652i	2.0226+4.5768i	5.8823-3.0309i	0.5916+1.8382i	2.3153+4.3057i	7.3971+0.5029i	-0.3862-8.4950i
67.0	-2.7051-0.3196i	2.3141+4.5209i	5.9669-3.0120i	0.6670+1.8649i	2.5981+4.2567i	7.6299+0.4534i	-0.7766-8.4865i
67.1	-2.7731-0.2764i	2.5765+4.5039i	6.0193-3.0835i	0.7482+1.8895i	2.8545+4.2406i	7.7978+0.3596i	-1.0352-8.5707i
67.2	-2.8065-0.2179i	2.8350+4.3004i	5.9979-3.2238i	0.8411+1.8554i	3.1078+4.0332i	7.9124+0.1058i	-1.3354-8.4267i
67.3	-2.8256-0.1337i	3.0807+4.0324i	5.9236-3.3922i	0.9260+1.7782i	3.3339+3.7595i	7.9786-0.1846i	-1.7337-8.2185i
67.4	-2.8979-0.0527i	3.3568+3.9317i	6.0358-3.5305i	1.0100+1.7521i	3.6044+3.6489i	8.2721-0.3437i	-2.1182-8.2250i
67.5	-2.9522+0.0524i	3.6297+3.6949i	5.9429-3.5418i	1.1301+1.7292i	3.8481+3.4310i	8.3662-0.4030i	-2.6120-8.0826i
67.6	-2.9758+0.1465i	3.8616+3.4687i	5.8388-3.7413i	1.2302+1.6547i	4.0624+3.2054i	8.4435-0.7236i	-3.0374-7.9204i
67.7	-3.0313+0.2320i	4.0673+3.2993i	5.7617-3.9067i	1.3071+1.5937i	4.2507+3.0444i	8.5223-0.9057i	-3.4667-7.8358i
67.8	-3.1326+0.3053i	4.2707+3.1464i	5.7366-4.0263i	1.3576+1.5503i	4.4320+2.8967i	8.6459-1.0463i	-3.8972-7.7359i
67.9	-3.2075+0.3371i	4.3683+3.0759i	5.9326-4.1769i	1.4002+1.5567i	4.5404+2.8290i	8.9083-1.1739i	-3.8915-7.6570i
68.0	-3.1771+0.4173i	4.3349+2.7895i	5.8382-4.1273i	1.3852+1.4924i	4.4999+2.5691i	8.9045-1.2935i	-3.9684-7.2121i
68.1	-3.1579+0.5241i	4.4111+2.4931i	5.6497-4.0108i	1.4187+1.3578i	4.5666+2.3012i	8.8958-1.3702i	-4.2751-6.7850i
68.2	-3.2341+0.6874i	4.6457+2.2215i	5.6349-4.0875i	1.4869+1.2682i	4.7950+2.0572i	9.1297-1.5875i	-4.6485-6.5125i
68.3	-3.1936+0.7535i	4.5694+1.9995i	5.7558-4.1943i	1.4427+1.2331i	4.7362+1.8461i	9.2972-1.9183i	-4.5217-6.0976i
68.4	-3.1589+0.8737i	4.5698+1.7232i	5.6332-4.4214i	1.4403+1.1684i	4.7446+1.5755i	9.2731-2.3992i	-4.5875-5.7707i
68.5	-3.1590+0.9932i	4.6383+1.5075i	5.7191-4.4551i	1.4989+1.1224i	4.8443+1.3995i	9.5226-2.5724i	-4.7665-5.5269i
68.6	-3.2232+1.1282i	4.7728+1.3303i	5.9444-4.5642i	1.5531+1.1080i	5.0006+1.2276i	9.9052-2.8975i	-4.9247-5.2952i

68.7	-3.1189+1.2618i	4.6726+1.0077i	5.9265-4.5305i	1.5187+1.0234i	4.9151+0.9202i	9.8674-3.1913i	-4.8376-4.6900i
68.8	-3.0781+1.3382i	4.5940+0.8332i	5.8457-4.4336i	1.4787+0.9800i	4.8556+0.7591i	9.8380-3.2748i	-4.7884-4.4388i
68.9	-3.0765+1.4651i	4.6040+0.6165i	5.8622-4.5749i	1.5003+0.9499i	4.8825+0.5564i	9.8973-3.6294i	-4.8222-4.3030i
69.0	-3.0442+1.6007i	4.5892+0.4115i	5.9203-4.6223i	1.5181+0.9353i	4.8980+0.3671i	10.0052-3.9137i	-4.8848-4.0278i
69.1	-2.9732+1.6878i	4.4415+0.2527i	5.9883-4.9057i	1.4686+0.9176i	4.7803+0.1790i	10.0033-4.4726i	-4.7567-3.8102i
69.2	-2.9793+1.8244i	4.4220+0.0351i	6.3484-5.1342i	1.4689+0.8833i	4.7983-0.0457i	10.3587-4.9368i	-4.7800-3.6768i
69.3	-2.8444+1.8627i	4.3109-0.1216i	6.2965-5.1995i	1.5048+0.8261i	4.7203-0.2021i	10.2174-5.2060i	-4.7391-3.4382i
69.4	-2.8030+1.8710i	4.1751-0.1209i	6.5475-5.2978i	1.4659+0.8621i	4.6242-0.2072i	10.2945-5.3937i	-4.4982-3.3544i
69.5	-2.7047+1.9155i	4.0330-0.1906i	6.5451-5.5776i	1.4713+0.8756i	4.5140-0.2936i	10.1425-5.8070i	-4.4268-3.0960i
69.6	-2.7223+1.9191i	4.0123-0.1387i	6.7217-5.8337i	1.4946+0.9236i	4.5192-0.2626i	10.2485-6.0789i	-4.3365-3.0362i
69.7	-2.7098+1.9252i	4.0212-0.1082i	6.7097-5.9600i	1.5540+0.9497i	4.5336-0.2408i	10.2730-6.2706i	-4.3245-2.9554i
69.8	-2.6944+1.9859i	4.0705-0.1478i	6.5280-6.6093i	1.6208+0.9645i	4.5916-0.3478i	10.0256-6.9489i	-4.1406-2.9410i
69.9	-2.6797+2.1139i	4.1560-0.2964i	6.1282-7.1259i	1.7311+0.9364i	4.6724-0.5522i	9.5813-7.6476i	-4.1177-2.7957i
70.0	-2.6504+2.1827i	4.1763-0.3611i	6.1080-7.6070i	1.8008+0.9665i	4.7395-0.6574i	9.5241-8.2626i	-3.9207-2.6751i
70.1	-2.6490+2.2560i	4.2300-0.5033i	6.1374-7.7873i	1.8841+0.9119i	4.8209-0.8224i	9.5529-8.6010i	-3.9179-2.5666i
70.2	-2.7305+2.3418i	4.3914-0.6105i	6.3324-8.0099i	2.0061+0.8842i	5.0089-0.9501i	9.8035-8.9647i	-3.8850-2.5377i
70.3	-2.6631+2.4855i	4.4149-0.8493i	5.7555-8.4779i	2.1168+0.7794i	5.0052-1.2644i	9.1160-9.6268i	-3.7739-2.5484i
70.4	-2.6597+2.7065i	4.5196-1.1668i	5.5775-8.9482i	2.2561+0.6634i	5.1327-1.6322i	8.8896-10.2687i	-3.7661-2.4458i
70.5	-2.6065+2.7663i	4.4390-1.3527i	5.3987-8.8159i	2.3011+0.5483i	5.0437-1.8343i	8.6535-10.1976i	-3.6070-2.4783i
70.6	-2.5055+2.9999i	4.3952-1.7064i	5.0880-9.4266i	2.4134+0.3384i	4.9832-2.2679i	8.2285-11.0021i	-3.5055-2.4650i
70.7	-2.4666+3.2649i	4.3947-2.0547i	5.2008-9.9071i	2.5096+0.1732i	5.0097-2.6590i	8.3348-11.7021i	-3.5493-2.3686i
70.8	-2.2658+3.4157i	4.1403-2.3825i	4.9008-10.0019i	2.4629-0.0820i	4.7457-3.0229i	7.9776-11.9749i	-3.5216-2.2451i
70.9	-2.1133+3.4270i	3.9376-2.5302i	4.5899-9.9523i	2.3874-0.2615i	4.5080-3.1867i	7.5564-12.0514i	-3.5556-2.2559i
71.0	-1.7706+3.5529i	3.5458-2.7796i	3.9644-10.5497i	2.2655-0.4807i	4.0661-3.5173i	6.6642-12.9550i	-3.5319-2.1175i
71.1	-1.5934+3.5724i	3.2859-2.8794i	3.4746-10.6350i	2.1241-0.5975i	3.7661-3.6285i	5.9644-13.1805i	-3.5112-1.9939i
71.2	-1.4466+3.4860i	3.0170-2.8319i	2.8868-10.6879i	1.9579-0.6473i	3.4377-3.6030i	5.0676-13.3125i	-3.4698-2.0203i
71.3	-1.2427+3.4825i	2.7259-2.8422i	2.3340-10.8841i	1.7919-0.6852i	3.0984-3.6410i	4.2083-13.6658i	-3.3639-1.9388i
71.4	-1.0591+3.4340i	2.4742-2.8744i	1.6250-10.9180i	1.6553-0.7528i	2.7845-3.6843i	3.1552-13.7081i	-3.2981-1.8165i
71.5	-1.0320+3.5402i	2.4143-2.9604i	1.4144-11.2625i	1.6145-0.7852i	2.7267-3.8092i	2.7642-14.1520i	-3.4294-1.7666i
71.6	-0.8731+3.5515i	2.1093-2.9938i	0.9408-11.1021i	1.4428-0.8086i	2.3963-3.8586i	1.9914-13.9584i	-3.3924-1.4515i
71.7	-0.7223+3.5325i	1.8792-2.9713i	0.6600-11.1040i	1.3445-0.8065i	2.1560-3.8420i	1.4533-13.8817i	-3.2950-1.3580i
71.8	-0.6496+3.5235i	1.7936-2.8817i	0.3021-11.2345i	1.3097-0.7420i	2.0410-3.7844i	0.9163-13.8408i	-3.1082-1.4270i
71.9	-0.4169+3.4986i	1.5485-2.8660i	-0.5123-11.1911i	1.2142-0.7580i	1.7305-3.8044i	-0.1567-13.7044i	-3.0261-1.2563i
72.0	-0.2452+3.4778i	1.3442-2.8270i	-1.1283-10.8747i	1.1233-0.7466i	1.4660-3.7764i	-0.9318-13.2929i	-2.9434-1.1997i
72.1	-0.1878+3.4228i	1.2629-2.7085i	-1.2788-10.5740i	1.0852-0.6786i	1.3538-3.6395i	-1.1558-12.8765i	-2.7703-1.2216i
72.2	-0.0501+3.3677i	1.1037-2.5690i	-1.4773-10.4353i	1.0289-0.6068i	1.1727-3.5143i	-1.4652-12.5930i	-2.6039-1.0990i
72.3	0.1699+3.2596i	0.9110-2.3954i	-2.0562-10.3101i	0.9691-0.5247i	0.9145-3.3578i	-2.1952-12.3356i	-2.3507-1.0128i
72.4	0.3354+3.0751i	0.8207-2.2202i	-2.8295-9.8639i	0.9523-0.4709i	0.7288-3.1624i	-3.1018-11.6795i	-2.1324-1.0251i
72.5	0.3832+3.1004i	0.8134-2.2054i	-2.8029-9.8281i	0.9818-0.4322i	0.7150-3.1547i	-3.0308-11.6299i	-2.1443-0.9805i
72.6	0.4224+2.9559i	0.8342-2.0370i	-3.0615-9.3476i	1.0121-0.3816i	0.6864-2.9635i	-3.3019-10.9566i	-1.8944-1.0341i
72.7	0.5142+2.7457i	0.7936-1.8637i	-3.5342-8.8566i	1.0288-0.3538i	0.5925-2.7507i	-3.8063-10.3707i	-1.6815-1.1088i
72.8	0.6198+2.6658i	0.7510-1.8421i	-3.8708-8.6457i	1.0597-0.3705i	0.5083-2.7224i	-4.1926-10.1556i	-1.5165-1.1845i
72.9	0.6277+2.6070i	0.7541-1.8049i	-3.7895-8.3757i	1.0526-0.3738i	0.5134-2.6687i	-4.0895-9.8046i	-1.4595-1.2408i
73.0	0.6758+2.4877i	0.7564-1.7171i	-4.0600-7.9343i	1.0620-0.3627i	0.4676-2.5404i	-4.4162-9.2649i	-1.2961-1.3117i
73.1	0.6767+2.4526i	0.8027-1.7156i	-4.1273-7.6593i	1.1150-0.3788i	0.4950-2.5234i	-4.4929-8.9960i	-1.2393-1.3970i
73.2	0.6995+2.3621i	0.8011-1.6886i	-4.1158-7.3193i	1.1481-0.4075i	0.4845-2.4706i	-4.5151-8.6221i	-1.1703-1.5373i
73.3	0.6434+2.2500i	0.8473-1.6316i	-4.0715-6.9004i	1.1531-0.4234i	0.5283-2.3790i	-4.4960-8.1010i	-1.1140-1.7326i
73.4	0.6386+2.2298i	0.9205-1.5968i	-4.1699-6.7365i	1.2271-0.3850i	0.5901-2.3166i	-4.6518-7.9291i	-0.9663-1.9350i
73.5	0.6525+2.2250i	0.9350-1.6403i	-4.1457-6.5885i	1.2696-0.4128i	0.6157-2.3331i	-4.6329-7.7216i	-0.9543-2.0782i
73.6	0.6960+2.1567i	0.8497-1.6415i	-4.0777-6.2603i	1.2237-0.4542i	0.5306-2.3097i	-4.5822-7.3501i	-1.0742-2.0636i
73.7	0.7390+2.0782i	0.8120-1.6260i	-4.1210-5.9888i	1.2250-0.4794i	0.4747-2.2783i	-4.6636-7.0284i	-1.0464-2.1429i
73.8	0.6933+2.0009i	0.8207-1.6490i	-4.0670-5.7071i	1.2147-0.5623i	0.4747-2.2868i	-4.6372-6.6585i	-1.0605-2.2671i
73.9	0.6557+1.9474i	0.8162-1.6811i	-3.8581-5.3383i	1.2166-0.6349i	0.4984-2.2910i	-4.3892-6.2190i	-1.1398-2.3702i
74.0	0.6380+1.9435i	0.7999-1.7000i	-3.7354-5.1124i	1.2115-0.6638i	0.4946-2.2886i	-4.2530-5.9174i	-1.2087-2.4783i
74.1	0.6473+1.9134i	0.7766-1.7033i	-3.7069-5.1190i	1.1805-0.7184i	0.4572-2.3050i	-4.2337-5.8428i	-1.2081-2.5265i
74.2	0.6203+1.8792i	0.8082-1.7220i	-3.7075-4.9812i	1.2011-0.7793i	0.4729-2.3205i	-4.2689-5.6744i	-1.2126-2.6589i
74.3	0.6428+1.8726i	0.7418-1.7345i	-3.6745-4.7702i	1.1571-0.8204i	0.4067-2.3176i	-4.2018-5.4143i	-1.2667-2.7046i
74.4	0.6341+1.8478i	0.7149-1.7679i	-3.6341-4.5667i	1.1290-0.8935i	0.3763-2.3316i	-4.1708-5.1480i	-1.3503-2.7879i
74.5	0.6243+1.8182i	0.7304-1.7600i	-3.6491-4.5310i	1.1241-0.9068i	0.3606-2.3323i	-4.2151-5.1001i	-1.2890-2.9018i
74.6	0.6378+1.7958i	0.6556-1.7355i	-3.4899-4.4207i	1.0637-0.9082i	0.2980-2.3008i	-4.0268-4.9848i	-1.3122-2.8833i
74.7	0.6560+1.7857i	0.6213-1.7706i	-3.4555-4.3086i	1.0482-0.9740i	0.2603-2.3174i	-4.0130-4.8309i	-1.3638-2.9622i
74.8	0.6498+1.7905i	0.5988-1.8551i	-3.4079-4.0991i	1.0115-1.0622i	0.2309-2.3797i	-3.9642-4.5658i	-1.5359-3.0934i
74.9	0.7031+1.7978i	0.5394-1.8933i	-3.5797-4.0519i	0.9619-1.1243i	0.1471-2.4135i	-4.1474-4.4628i	-1.6645-3.1420i

75.0	0.7120+1.7444i	0.4861-1.8172i	-3.5476-3.9486i	0.9048-1.1082i	0.0774-2.3470i	-4.1257-4.3885i	-1.6574-3.1258i
75.1	0.7189+1.7481i	0.4755-1.8386i	-3.2819-3.8284i	0.9080-1.1486i	0.0966-2.3710i	-3.8356-4.2972i	-1.7325-3.2296i
75.2	0.7560+1.7565i	0.4218-1.8606i	-3.2449-3.7417i	0.8464-1.1570i	0.0335-2.3717i	-3.7895-4.1678i	-1.8435-3.2015i
75.3	0.7550+1.7380i	0.3926-1.8598i	-3.1464-3.6754i	0.8067-1.1844i	0.0095-2.3661i	-3.7319-4.0839i	-1.8684-3.3185i
75.4	0.7896+1.7201i	0.3266-1.8501i	-3.1213-3.7247i	0.7636-1.2093i	-0.0616-2.3655i	-3.7236-4.1303i	-1.9805-3.3284i
75.5	0.8186+1.6624i	0.2476-1.8074i	-2.9826-3.4987i	0.6860-1.1994i	-0.1312-2.2997i	-3.6078-3.8731i	-2.0437-3.2193i
75.6	0.8835+1.5885i	0.1830-1.7595i	-3.0336-3.4191i	0.6370-1.1892i	-0.2225-2.2458i	-3.6573-3.7919i	-2.0139-3.0992i
75.7	0.8958+1.6142i	0.1449-1.7744i	-2.9554-3.4344i	0.6025-1.1863i	-0.2609-2.2611i	-3.5914-3.7429i	-2.1285-3.1383i
75.8	0.9356+1.6052i	0.0432-1.8027i	-2.9925-3.2218i	0.4905-1.2352i	-0.3764-2.2539i	-3.6298-3.4030i	-2.4447-3.0509i
75.9	0.9628+1.5681i	-0.0434-1.7217i	-2.6517-3.1768i	0.4291-1.1785i	-0.4129-2.1714i	-3.2662-3.3405i	-2.4209-2.7919i
76.0	1.0579+1.5160i	-0.1208-1.7179i	-2.9394-3.1824i	0.3730-1.2166i	-0.5475-2.1754i	-3.5742-3.3068i	-2.5366-2.9459i
76.1	1.0827+1.4733i	-0.1624-1.7076i	-2.9629-3.1294i	0.3186-1.2394i	-0.6237-2.1521i	-3.6308-3.2433i	-2.6274-2.9480i
76.2	1.0896+1.4590i	-0.1637-1.6833i	-2.8277-3.2582i	0.3067-1.2441i	-0.6209-2.1569i	-3.5118-3.3484i	-2.6303-2.9967i
76.3	1.1334+1.4514i	-0.2472-1.6617i	-2.7504-3.2178i	0.2485-1.2191i	-0.7011-2.1364i	-3.4381-3.2712i	-2.7201-2.9348i
76.4	1.1752+1.3967i	-0.3285-1.6322i	-2.7938-3.0333i	0.1779-1.1946i	-0.7901-2.0717i	-3.4782-3.0324i	-2.8377-2.8079i
76.5	1.1777+1.3160i	-0.3693-1.5447i	-2.8072-3.0025i	0.1007-1.1439i	-0.8437-1.9798i	-3.4304-2.9265i	-2.8004-2.6299i
76.6	1.1980+1.2302i	-0.4004-1.4459i	-2.8365-2.9229i	0.0742-1.0808i	-0.9043-1.8611i	-3.4473-2.8249i	-2.7223-2.5224i
76.7	1.2444+1.1584i	-0.4106-1.4057i	-2.8456-2.9620i	0.0793-1.1008i	-0.9365-1.8298i	-3.4881-2.8514i	-2.7962-2.5620i
76.8	1.2902+1.1290i	-0.4294-1.3667i	-2.8493-2.9641i	0.0801-1.0801i	-0.9652-1.7985i	-3.4761-2.8329i	-2.8135-2.5527i
76.9	1.2419+1.0627i	-0.4345-1.2698i	-2.6971-2.7551i	0.0500-0.9899i	-0.9580-1.6632i	-3.2852-2.6177i	-2.7687-2.4002i
77.0	1.2251+1.0360i	-0.4497-1.2316i	-2.5827-2.6361i	0.0124-0.9654i	-0.9537-1.5993i	-3.1289-2.4366i	-2.8363-2.2685i
77.1	1.2147+0.9541i	-0.4810-1.1995i	-2.6762-2.7256i	-0.0569-0.9868i	-1.0051-1.5749i	-3.2178-2.4709i	-2.8836-2.3256i
77.2	1.1561+0.8883i	-0.4561-1.1249i	-2.5949-2.6476i	-0.0537-0.9391i	-0.9846-1.4887i	-3.1525-2.3531i	-2.8665-2.2641i
77.3	1.2104+0.7911i	-0.5105-1.0266i	-2.7860-2.5654i	-0.1149-0.8673i	-1.0995-1.3817i	-3.2953-2.2651i	-2.9217-1.9458i
77.4	1.2091+0.7754i	-0.5137-1.0053i	-2.7176-2.4910i	-0.1143-0.8557i	-1.0898-1.3522i	-3.1569-2.1881i	-2.9275-1.8942i
77.5	1.1900+0.7567i	-0.4887-1.0030i	-2.5856-2.5669i	-0.0709-0.8958i	-1.0446-1.3505i	-2.9868-2.2055i	-2.9131-1.9984i
77.6	1.1417+0.6894i	-0.4444-0.9685i	-2.6021-2.5879i	-0.0647-0.9037i	-1.0283-1.3047i	-3.0215-2.2079i	-2.7101-2.0112i
77.7	1.0853+0.6842i	-0.4024-0.9568i	-2.4704-2.5264i	-0.0579-0.8898i	-0.9647-1.2722i	-2.8475-2.1346i	-2.6689-1.9820i
77.8	1.0466+0.6629i	-0.3712-0.9146i	-2.4489-2.3920i	-0.0602-0.8427i	-0.9495-1.1973i	-2.8064-2.0049i	-2.5731-1.9861i
77.9	1.0236+0.5611i	-0.3676-0.7982i	-2.4453-2.2907i	-0.0820-0.7652i	-0.9702-1.0648i	-2.7853-1.9666i	-2.3385-1.7528i
78.0	1.0877+0.5424i	-0.4230-0.8217i	-2.6462-2.3278i	-0.1342-0.8048i	-1.0715-1.0833i	-2.9196-1.9594i	-2.5022-1.7810i
78.1	1.0558+0.4691i	-0.4586-0.7752i	-2.5782-2.1835i	-0.1961-0.7903i	-1.0874-1.0039i	-2.7900-1.8284i	-2.5868-1.5997i
78.2	0.9906+0.4717i	-0.4120-0.7806i	-2.4530-2.0581i	-0.1834-0.7778i	-1.0310-0.9831i	-2.6602-1.7173i	-2.5399-1.6310i
78.3	0.9597+0.4431i	-0.3896-0.7625i	-2.4684-2.0328i	-0.1779-0.7653i	-1.0326-0.9403i	-2.7160-1.6859i	-2.3788-1.7041i
78.4	0.9114+0.4126i	-0.3377-0.7017i	-2.3667-1.9517i	-0.1593-0.7125i	-0.9695-0.8533i	-2.6073-1.6189i	-2.2467-1.7343i
78.5	0.9112+0.4531i	-0.3124-0.7704i	-2.4586-2.0133i	-0.1655-0.7650i	-0.9789-0.9150i	-2.7126-1.6298i	-2.3390-1.9774i
78.6	0.8005+0.4544i	-0.2463-0.7313i	-2.2332-1.8470i	-0.1492-0.6992i	-0.8787-0.8378i	-2.4963-1.4635i	-2.2866-2.0136i
78.7	0.8377+0.3609i	-0.3119-0.6700i	-2.1453-1.7485i	-0.2042-0.6613i	-0.9399-0.7435i	-2.3920-1.4348i	-2.4480-1.7396i
78.8	0.8450+0.3025i	-0.2940-0.6447i	-2.0153-1.7543i	-0.1779-0.6507i	-0.9240-0.6933i	-2.2815-1.4757i	-2.2683-1.8524i
78.9	0.7955+0.3687i	-0.2024-0.6747i	-1.8314-1.9976i	-0.1097-0.6802i	-0.8306-0.7618i	-2.1705-1.6869i	-1.9710-2.1197i
79.0	0.7846+0.3190i	-0.1979-0.6803i	-2.0246-2.2128i	-0.1580-0.7275i	-0.8832-0.7258i	-2.4296-1.8327i	-2.1961-2.1595i
79.1	0.7688+0.2167i	-0.2313-0.6517i	-2.3632-2.0271i	-0.2161-0.6835i	-0.9422-0.5927i	-2.7224-1.5677i	-2.3037-2.0663i
79.2	0.6904+0.2265i	-0.2112-0.6757i	-2.3870-1.7807i	-0.2291-0.6389i	-0.8928-0.5395i	-2.7147-1.2719i	-2.3104-1.9930i
79.3	0.5433+0.2690i	-0.1264-0.6496i	-2.1008-1.5404i	-0.1607-0.5571i	-0.7013-0.4790i	-2.3930-1.0426i	-2.1098-1.9968i
79.4	0.4934+0.3126i	-0.1717-0.6785i	-2.0736-1.5612i	-0.2300-0.5635i	-0.6772-0.4919i	-2.2790-1.0103i	-2.4194-2.0136i
79.5	0.4951+0.3239i	-0.1965-0.6801i	-2.0706-1.5685i	-0.2413-0.5682i	-0.6740-0.4966i	-2.2369-0.9994i	-2.3987-1.9226i
79.6	0.4896+0.3435i	-0.1994-0.6788i	-1.9523-1.5505i	-0.2178-0.5548i	-0.6250-0.4881i	-2.0688-0.9772i	-2.2770-1.8701i
79.7	0.4047+0.4517i	-0.1147-0.7447i	-1.8622-1.6547i	-0.1478-0.5946i	-0.4862-0.5859i	-1.9719-1.0478i	-2.1691-2.1704i
79.8	0.4478+0.5008i	-0.1465-0.7603i	-1.7630-1.5421i	-0.1344-0.5811i	-0.4893-0.6080i	-1.8448-0.9488i	-2.1889-2.0474i
79.9	0.4699+0.4733i	-0.1960-0.7284i	-1.8740-1.5104i	-0.1890-0.5491i	-0.5519-0.5717i	-1.9039-0.9542i	-2.3848-1.8741i
80.0	0.5086+0.5030i	-0.2474-0.7195i	-1.8959-1.6093i	-0.2389-0.5506i	-0.5911-0.6099i	-1.8956-1.1075i	-2.5276-1.9249i

2.1.97 Run 9 – IP270A10 – Accels 1–8

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	-27.0041+0.0000i	30.1174+0.0000i	-26.2717+0.0000i	68.5231+0.0000i	-2.6442+0.0000i	18.4479+0.0000i	12.2509+0.0000i	12.4946+0.0000i
0.1	-26.2372+3.3919i	30.6444-0.6205i	-25.3509+0.0161i	69.7047-0.7819i	-2.6018-0.4287i	17.8425-0.6820i	13.0674+0.8090i	12.3652+1.5973i
0.2	-0.4087-5.3071i	6.4483-0.4402i	4.8832-7.9986i	-0.9574+9.7211i	1.8685+8.0068i	3.3407-1.5990i	0.6247+9.2645i	21.9654+6.3596i
0.3	4.7824-1.2898i	-1.4997+2.0592i	-1.1041-1.1487i	-3.5527+0.9568i	-2.1517+0.5914i	-2.0389-0.9080i	-1.6972+0.5695i	-4.5346+6.0371i
0.4	0.7944-0.6742i	0.0557-0.1663i	0.1448+0.0655i	-0.3159+0.0595i	-0.1609+0.0533i	0.2829-0.1810i	0.2021-0.1266i	0.1678-0.2275i
0.5	0.4319-0.3875i	0.0410-0.1900i	-0.0054-0.0613i	0.0549-0.0101i	-0.0507+0.0308i	-0.0324+0.0007i	-0.0330+0.0120i	0.3252-0.0455i
0.6	0.0990+0.2235i	0.0557+0.0415i	-0.2467+0.0570i	0.0567-0.0045i	-0.0003+0.0136i	-0.1198-0.0139i	-0.0637-0.0037i	0.4936-0.0200i
0.7	0.2532-0.1112i	0.0733+0.0104i	-0.0796+0.0027i	-0.0884+0.0299i	0.0231-0.0133i	-0.1518+0.0142i	-0.0209+0.0258i	0.0322+0.0492i
0.8	0.0204-0.1401i	0.0502+0.0056i	-0.1845+0.0228i	-0.0283+0.0032i	0.0067-0.0065i	-0.1142-0.0107i	-0.0098+0.0236i	0.0481+0.0401i
0.9	-0.1732-0.0522i	-0.0344+0.0778i	-0.2763+0.0704i	-0.0382+0.0262i	-0.0025+0.0016i	-0.1391+0.0166i	-0.0021+0.0052i	0.0647+0.0133i
1.0	0.2024-0.3134i	0.2216-0.0712i	-0.0950-0.0783i	0.0129+0.0173i	0.0073-0.0006i	-0.2135+0.0300i	-0.0063+0.0047i	0.0994+0.0170i
1.1	0.4364-0.0933i	0.4454-0.0562i	0.0370-0.0402i	0.0042-0.0378i	0.0168-0.0018i	-0.2754+0.0356i	-0.0060+0.0003i	0.1201-0.0005i
1.2	0.4451-0.0407i	0.4850-0.0305i	0.0066-0.0143i	0.0029-0.0187i	0.0231-0.0016i	-0.3225+0.0327i	0.0008-0.0003i	0.1448-0.0214i
1.3	0.5852-0.1288i	0.6055-0.0742i	-0.0035-0.0327i	-0.0013-0.0044i	0.0310-0.0037i	-0.4337+0.0682i	-0.0003+0.0013i	0.2088-0.0831i
1.4	0.7557-0.1762i	0.7375-0.1244i	0.0212-0.0438i	0.0001+0.0035i	0.0366-0.0126i	-0.5300+0.1328i	-0.0030+0.0004i	0.2608-0.1738i
1.5	0.9157-0.2061i	0.8689-0.1933i	0.0462-0.0187i	-0.0078-0.0032i	0.0285-0.0283i	-0.6005+0.2383i	-0.0010+0.0028i	0.0171-0.3969i
1.6	1.1722-0.1934i	1.1597-0.1818i	0.0663-0.0270i	-0.0045-0.0040i	0.0239-0.0038i	-0.8262+0.2014i	-0.0006+0.0004i	-0.2448-0.0426i
1.7	1.4441-0.4451i	1.4340-0.4256i	0.0690-0.0662i	-0.0105+0.0011i	0.0492+0.0069i	-1.1018+0.4008i	-0.0038-0.0028i	-0.0197+0.1820i
1.8	1.9237-0.9496i	1.8754-0.9663i	0.0977-0.0986i	-0.0129+0.0124i	0.0854-0.0054i	-1.5194+0.9517i	-0.0058-0.0025i	0.2409+0.1174i
1.9	2.1505-1.8157i	2.1099-1.8165i	0.0751-0.1630i	-0.0200+0.0266i	0.1262-0.0329i	-1.7392+1.8053i	-0.0100+0.0003i	0.4626-0.0584i
2.0	1.2964-2.9124i	1.2075-2.8908i	-0.0192-0.2411i	0.0045+0.0386i	0.1444-0.0773i	-0.7788+2.8826i	-0.0152+0.0011i	0.4827-0.3731i
2.1	-1.0056-2.0687i	-0.9547-2.0602i	-0.3211-0.1306i	0.0072+0.0205i	0.1469-0.1046i	1.3670+2.0234i	-0.0196+0.0103i	0.1258-0.4545i
2.2	-1.2728-1.4021i	-1.2201-1.3452i	-0.5147+0.0721i	-0.0191+0.0329i	0.2729-0.2408i	1.6609+1.2845i	-0.0357+0.0246i	0.1714-0.5247i
2.3	-1.1841-0.9754i	-1.1077-0.9243i	-0.3797+0.5101i	-0.0208+0.0745i	0.1397-0.5841i	1.5618+0.8267i	-0.0192+0.0702i	-0.0034-0.8381i
2.4	-1.0525-0.6824i	-0.9627-0.6459i	0.1667+0.3458i	0.0473+0.0419i	-0.3315-0.3778i	1.4191+0.5891i	0.0391+0.0476i	-0.5468-0.5761i
2.5	-0.8487-0.4838i	-0.7625-0.4545i	0.2013+0.0741i	0.0555+0.0103i	-0.3343-0.1063i	1.2590+0.4475i	0.0389+0.0118i	-0.5409-0.2374i
2.6	-0.7109-0.3434i	-0.6060-0.3360i	0.0699+0.0073i	0.0381+0.0079i	-0.2184-0.0342i	1.1415+0.3498i	0.0263+0.0033i	-0.4037-0.1309i
2.7	-0.6049-0.2807i	-0.4977-0.2763i	0.0355-0.0075i	0.0345+0.0019i	-0.1753-0.0143i	1.0928+0.2996i	0.0218+0.0026i	-0.3569-0.0997i
2.8	-0.4784-0.2491i	-0.3708-0.2425i	0.0192-0.0051i	0.0292+0.0017i	-0.1478-0.0128i	1.0188+0.2608i	0.0197+0.0021i	-0.3171-0.0863i
2.9	-0.3731-0.2011i	-0.2579-0.2100i	0.0079+0.0019i	0.0255+0.0012i	-0.1324-0.0112i	0.9511+0.2241i	0.0176+0.0014i	-0.2894-0.0755i
3.0	-0.2635-0.1659i	-0.1368-0.1745i	0.0030+0.0001i	0.0266+0.0020i	-0.1216-0.0091i	0.8861+0.1904i	0.0159+0.0013i	-0.2649-0.0644i
3.1	-0.2036-0.1294i	-0.0622-0.1394i	-0.0099+0.0035i	0.0266+0.0047i	-0.1129-0.0061i	0.8586+0.1690i	0.0153-0.0000i	-0.2561-0.0572i
3.2	-0.1232-0.1252i	0.0159-0.1334i	-0.0108+0.0053i	0.0279+0.0064i	-0.1039-0.0064i	0.8364+0.1577i	0.0152+0.0010i	-0.2464-0.0525i
3.3	-0.0220-0.1284i	0.1200-0.1293i	-0.0093-0.0003i	0.0263+0.0052i	-0.0978-0.0060i	0.8011+0.1456i	0.0149+0.0017i	-0.2347-0.0468i
3.4	0.0431-0.1351i	0.1949-0.1250i	-0.0126-0.0120i	0.0226+0.0007i	-0.0932-0.0069i	0.7778+0.1289i	0.0144+0.0015i	-0.2271-0.0410i
3.5	0.1087-0.1141i	0.2747-0.1179i	-0.0203-0.0044i	0.0207+0.0002i	-0.0892-0.0081i	0.7582+0.1216i	0.0142+0.0013i	-0.2207-0.0386i
3.6	0.1654-0.0920i	0.3400-0.0919i	-0.0268+0.0011i	0.0242+0.0017i	-0.0864-0.0065i	0.7415+0.1109i	0.0148+0.0010i	-0.2141-0.0353i
3.7	0.2337-0.0907i	0.4274-0.0871i	-0.0305+0.0003i	0.0248+0.0006i	-0.0832-0.0052i	0.7203+0.1020i	0.0155+0.0000i	-0.2053-0.0312i
3.8	0.3196-0.0690i	0.5200-0.0784i	-0.0293+0.0093i	0.0222-0.0008i	-0.0803-0.0052i	0.7069+0.0985i	0.0156-0.0007i	-0.2012-0.0306i
3.9	0.3869-0.0925i	0.5949-0.0877i	-0.0354+0.0021i	0.0247+0.0009i	-0.0781-0.0060i	0.6962+0.1037i	0.0158-0.0005i	-0.1986-0.0317i
4.0	0.4433-0.0794i	0.6624-0.0739i	-0.0390+0.0038i	0.0240+0.0023i	-0.0783-0.0054i	0.6927+0.0993i	0.0163+0.0004i	-0.1988-0.0307i
4.1	0.5246-0.0608i	0.7581-0.0711i	-0.0381+0.0071i	0.0242+0.0035i	-0.0781-0.0039i	0.6838+0.0925i	0.0175+0.0009i	-0.1983-0.0283i
4.2	0.5840-0.0817i	0.8309-0.0863i	-0.0404-0.0005i	0.0200+0.0020i	-0.0768-0.0029i	0.6742+0.0911i	0.0182+0.0013i	-0.1967-0.0282i
4.3	0.6543-0.0763i	0.9161-0.0696i	-0.0461-0.0063i	0.0174+0.0023i	-0.0755-0.0015i	0.6638+0.0831i	0.0171+0.0014i	-0.1952-0.0253i
4.4	0.7286-0.0650i	1.0052-0.0567i	-0.0502-0.0056i	0.0231+0.0069i	-0.0739+0.0012i	0.6538+0.0802i	0.0180+0.0026i	-0.1913-0.0207i
4.5	0.7974-0.0378i	1.0933-0.0518i	-0.0540+0.0158i	0.0259+0.0056i	-0.0705-0.0006i	0.6431+0.0779i	0.0201+0.0021i	-0.1862-0.0213i
4.6	0.8752-0.0092i	1.1900-0.0362i	-0.0598+0.0214i	0.0251+0.0069i	-0.0684-0.0038i	0.6364+0.0709i	0.0224+0.0014i	-0.1857-0.0229i
4.7	0.9559-0.0435i	1.2827-0.0560i	-0.0675+0.0151i	0.0243+0.0018i	-0.0680-0.0037i	0.6294+0.0706i	0.0232+0.0006i	-0.1871-0.0232i
4.8	1.0293-0.0487i	1.3694-0.0443i	-0.0689+0.0138i	0.0268+0.0018i	-0.0677-0.0039i	0.6210+0.0664i	0.0244+0.0010i	-0.1860-0.0211i
4.9	1.1193-0.0476i	1.4731-0.0521i	-0.0543+0.0129i	0.0234+0.0043i	-0.0667-0.0017i	0.6152+0.0674i	0.0256-0.0002i	-0.1859-0.0177i
5.0	1.2178-0.0596i	1.5900-0.0548i	-0.0658+0.0072i	0.0212+0.0057i	-0.0659-0.0004i	0.6083+0.0707i	0.0260+0.0001i	-0.1858-0.0190i
5.1	1.3211-0.0203i	1.6981-0.0326i	-0.0657+0.0128i	0.0207+0.0135i	-0.0633-0.0006i	0.6038+0.0710i	0.0269+0.0014i	-0.1856-0.0188i
5.2	1.4239-0.0685i	1.8044-0.0717i	-0.0610+0.0122i	0.0224+0.0085i	-0.0603-0.0012i	0.5928+0.0690i	0.0290+0.0009i	-0.1818-0.0185i
5.3	1.4747-0.0526i	1.8998-0.0552i	-0.0736+0.0236i	0.0245+0.0065i	-0.0604-0.0020i	0.5880+0.0749i	0.0300+0.0009i	-0.1843-0.0187i
5.4	1.5889-0.0611i	2.0174-0.0628i	-0.0761+0.0088i	0.0270+0.0097i	-0.0596-0.0001i	0.5882+0.0779i	0.0319+0.0032i	-0.1855-0.0159i
5.5	1.6969-0.0494i	2.1302-0.0618i	-0.0742+0.0031i	0.0289+0.0137i	-0.0564-0.0009i	0.5856+0.0819i	0.0354+0.0016i	-0.1838-0.0173i
5.6	1.6851-0.0615i	2.2081-0.0615i	-0.1258+0.0080i	0.0228+0.0121i	-0.0569-0.0035i	0.5803+0.0884i	0.0404+0.0028i	-0.1844-0.0188i

5.7	1.8399-0.0524i	2.3607-0.0819i	-0.1259+0.0310i	0.0315+0.0110i	-0.0553-0.0061i	0.5830+0.0942i	0.0491+0.0019i	-0.1862-0.0207i
5.8	1.9919-0.0930i	2.4960-0.1083i	-0.1060+0.0092i	0.0372+0.0174i	-0.0524-0.0085i	0.5872+0.1001i	0.0552+0.0029i	-0.1882-0.0248i
5.9	2.0283-0.1179i	2.5728-0.1009i	-0.1215-0.0102i	0.0374+0.0192i	-0.0480-0.0058i	0.5930+0.0977i	0.0605+0.0056i	-0.1896-0.0225i
6.0	2.1310-0.1002i	2.6876-0.0982i	-0.1339+0.0048i	0.0392+0.0186i	-0.0483-0.0082i	0.6069+0.0977i	0.0673+0.0042i	-0.1966-0.0229i
6.1	2.1733-0.0341i	2.8001-0.0735i	-0.1740+0.0452i	0.0421+0.0193i	-0.0499-0.0094i	0.6055+0.0932i	0.0749+0.0012i	-0.1990-0.0234i
6.2	2.3058+0.0590i	2.9412-0.0051i	-0.1735+0.0659i	0.0530+0.0305i	-0.0478-0.0113i	0.6067+0.0868i	0.0882+0.0015i	-0.2024-0.0237i
6.3	2.4865+0.0413i	3.1129-0.0194i	-0.1958+0.0583i	0.0726+0.0312i	-0.0479-0.0135i	0.6151+0.0817i	0.1089-0.0006i	-0.2119-0.0254i
6.4	2.6322-0.0320i	3.2641-0.0878i	-0.2083+0.0737i	0.0881+0.0285i	-0.0467-0.0146i	0.6165+0.0825i	0.1278-0.0103i	-0.2200-0.0225i
6.5	2.6134+0.0076i	3.3165-0.0480i	-0.2512+0.0979i	0.1107+0.0300i	-0.0412-0.0148i	0.6172+0.0747i	0.1607-0.0224i	-0.2301-0.0183i
6.6	2.7700+0.0243i	3.4803-0.0223i	-0.3126+0.0994i	0.1435+0.0344i	-0.0342-0.0157i	0.6088+0.0712i	0.2083-0.0313i	-0.2433-0.0183i
6.7	2.8978-0.0165i	3.6548-0.0545i	-0.4215+0.1782i	0.2070-0.0183i	-0.0252-0.0296i	0.6055+0.0710i	0.2785-0.0988i	-0.2672-0.0017i
6.8	3.0601-0.0172i	3.8237-0.0646i	-0.4833+0.3754i	0.2638-0.1401i	-0.0198-0.0542i	0.6099+0.0601i	0.3443-0.2652i	-0.2920+0.0426i
6.9	3.2126+0.0005i	4.0180-0.0802i	-0.3519+0.6307i	0.1754-0.2998i	-0.0430-0.0778i	0.6076+0.0522i	0.2219-0.4640i	-0.2669+0.0976i
7.0	3.3623-0.0007i	4.1726-0.0869i	0.0416+0.6601i	-0.0893-0.3387i	-0.0931-0.0784i	0.5963+0.0525i	-0.1266-0.5145i	-0.1751+0.1089i
7.1	3.4719-0.0492i	4.2905-0.0976i	0.2373+0.4826i	-0.2214-0.2266i	-0.1121-0.0579i	0.5934+0.0542i	-0.2890-0.3803i	-0.1345+0.0737i
7.2	3.6416+0.0383i	4.4925-0.0168i	0.2212+0.2569i	-0.2076-0.0655i	-0.1060-0.0295i	0.5921+0.0557i	-0.2799-0.1861i	-0.1455+0.0235i
7.3	3.7565-0.0428i	4.6141-0.0877i	0.2044+0.2093i	-0.1755-0.0096i	-0.0995-0.0201i	0.5883+0.0556i	-0.2488-0.1169i	-0.1606+0.0115i
7.4	3.9454-0.1484i	4.8085-0.1882i	0.1617+0.1918i	-0.1261+0.0174i	-0.0922-0.0148i	0.5862+0.0588i	-0.2019-0.0671i	-0.1779+0.0039i
7.5	4.0432-0.1041i	5.0239-0.1157i	0.0488+0.1218i	-0.0965+0.0530i	-0.0864-0.0100i	0.5847+0.0652i	-0.1651-0.0295i	-0.1927-0.0026i
7.6	4.1152-0.0610i	5.1357-0.0791i	0.0082+0.1029i	-0.0747+0.0400i	-0.0804-0.0109i	0.5852+0.0645i	-0.1291-0.0348i	-0.2077+0.0021i
7.7	4.4170-0.1083i	5.3991-0.1796i	0.0288+0.1722i	-0.0384+0.0418i	-0.0761-0.0124i	0.5870+0.0671i	-0.0995-0.0365i	-0.2186+0.0133i
7.8	4.5615-0.1751i	5.5849-0.2494i	0.0212+0.2227i	-0.0395+0.0450i	-0.0786-0.0120i	0.5893+0.0601i	-0.1059-0.0387i	-0.2181+0.0202i
7.9	4.8170-0.1115i	5.8426-0.1519i	0.0449+0.1716i	-0.0443+0.0402i	-0.0785-0.0143i	0.5867+0.0560i	-0.1090-0.0374i	-0.2164+0.0169i
8.0	4.9726-0.0738i	6.0380-0.0725i	0.0103+0.1376i	-0.0338+0.0395i	-0.0769-0.0153i	0.5869+0.0577i	-0.0989-0.0339i	-0.2264+0.0188i
8.1	5.1375-0.0712i	6.2672-0.1177i	-0.0046+0.2065i	-0.0240+0.0394i	-0.0792-0.0163i	0.5849+0.0544i	-0.0985-0.0373i	-0.2307+0.0263i
8.2	5.3829-0.1024i	6.5220-0.1664i	0.0267+0.2674i	-0.0248+0.0399i	-0.0806-0.0158i	0.5843+0.0527i	-0.1070-0.0355i	-0.2299+0.0315i
8.3	5.5904-0.1735i	6.7984-0.1860i	0.0087+0.2474i	-0.0349+0.0596i	-0.0811-0.0131i	0.5792+0.0548i	-0.1106-0.0218i	-0.2381+0.0286i
8.4	5.8358-0.2095i	7.0713-0.1759i	-0.0548+0.2011i	-0.0473+0.0682i	-0.0807-0.0119i	0.5772+0.0526i	-0.1104-0.0118i	-0.2510+0.0283i
8.5	6.0198-0.3393i	7.3335-0.2264i	-0.1251+0.1793i	-0.0529+0.0628i	-0.0788-0.0110i	0.5762+0.0507i	-0.1072-0.0075i	-0.2656+0.0421i
8.6	6.1923-0.4747i	7.5251-0.2836i	-0.1018+0.1624i	-0.0439+0.0593i	-0.0757-0.0083i	0.5679+0.0524i	-0.1011+0.0015i	-0.2752+0.0517i
8.7	6.2783-0.5001i	7.7022-0.3113i	-0.0457+0.2293i	-0.0497+0.0863i	-0.0739-0.0094i	0.5593+0.0534i	-0.0933+0.0123i	-0.2852+0.0686i
8.8	6.3520-0.5111i	7.8788-0.3151i	-0.0689+0.2752i	-0.0584+0.0973i	-0.0717-0.0114i	0.5528+0.0526i	-0.0880+0.0176i	-0.2989+0.0933i
8.9	6.5852-0.3923i	8.2415-0.3027i	-0.1102+0.3465i	-0.0610+0.1101i	-0.0737-0.0133i	0.5480+0.0576i	-0.0881+0.0215i	-0.2905+0.1184i
9.0	6.7764-0.3194i	8.5249-0.3338i	-0.0195+0.5310i	-0.0345+0.1399i	-0.0751-0.0149i	0.5398+0.0579i	-0.0816+0.0296i	-0.2610+0.1561i
9.1	7.0782-0.2155i	8.8848-0.2074i	0.0115+0.5281i	-0.0251+0.1509i	-0.0758-0.0164i	0.5329+0.0602i	-0.0720+0.0320i	-0.2420+0.1694i
9.2	7.2515-0.2836i	9.1138-0.2372i	0.0528+0.5204i	-0.0168+0.1602i	-0.0758-0.0173i	0.5238+0.0660i	-0.0690+0.0360i	-0.2346+0.1646i
9.3	7.5284-0.4619i	9.4102-0.4507i	0.2029+0.6593i	0.0270+0.1967i	-0.0779-0.0169i	0.5149+0.0711i	-0.0512+0.0506i	-0.2010+0.2043i
9.4	7.8496-0.4285i	9.7079-0.5087i	0.4989+0.6324i	0.0964+0.1746i	-0.0775-0.0090i	0.5055+0.0765i	-0.0244+0.0451i	-0.1349+0.1833i
9.5	8.3734-0.3923i	10.2590-0.4785i	0.5925+0.4839i	0.1353+0.1373i	-0.0786-0.0034i	0.4960+0.0897i	-0.0083+0.0304i	-0.0963+0.1497i
9.6	8.7258-0.3744i	10.6845-0.4637i	0.5698+0.3630i	0.1264+0.1272i	-0.0731-0.0021i	0.4845+0.1112i	-0.0110+0.0204i	-0.1149+0.1236i
9.7	8.9599-0.3897i	11.0199-0.4022i	0.5101+0.2627i	0.1151+0.1171i	-0.0678-0.0056i	0.4763+0.1294i	-0.0130+0.0135i	-0.1296+0.1116i
9.8	9.1249-0.5880i	11.2963-0.5909i	0.4809+0.2274i	0.1035+0.0897i	-0.0599-0.0044i	0.4696+0.1548i	-0.0116+0.0028i	-0.1378+0.0957i
9.9	9.5272-0.7160i	11.7292-0.8239i	0.5004+0.2655i	0.1039+0.0739i	-0.0547-0.0089i	0.4734+0.1826i	-0.0133-0.0036i	-0.1432+0.0862i
10.0	10.0123-0.7714i	12.3086-0.8604i	0.3729+0.1941i	0.1066+0.0780i	-0.0509-0.0252i	0.4833+0.2255i	-0.0232-0.0085i	-0.1525+0.0848i
10.1	10.4917-0.6216i	12.8442-0.7072i	0.3640+0.1234i	0.1086+0.0845i	-0.0479-0.0422i	0.4989+0.2666i	-0.0286-0.0165i	-0.1613+0.0828i
10.2	10.7401-0.8315i	13.2500-0.7682i	0.2586+0.0163i	0.0819+0.0700i	-0.0550-0.0616i	0.5282+0.2827i	-0.0350-0.0221i	-0.1736+0.0679i
10.3	10.9332-1.2733i	13.5418-1.2420i	0.3732+0.1257i	0.0797+0.0413i	-0.0739-0.0678i	0.5676+0.2924i	-0.0434-0.0208i	-0.1936+0.0634i
10.4	11.3784-1.3576i	13.9904-1.4042i	0.4814+0.1548i	0.0758+0.0547i	-0.0951-0.0707i	0.5949+0.2991i	-0.0500-0.0166i	-0.2153+0.0712i
10.5	11.2956-1.1782i	14.1223-1.3655i	0.5807+0.1480i	0.0519+0.0815i	-0.1103-0.0634i	0.6107+0.3104i	-0.0532-0.0112i	-0.2351+0.0957i
10.6	11.7319-1.1148i	14.6550-1.3226i	0.5901+0.0445i	0.0472+0.0950i	-0.1191-0.0433i	0.6426+0.3217i	-0.0448-0.0127i	-0.2237+0.1288i
10.7	12.3205-1.2260i	15.2193-1.3368i	0.5992-0.1450i	0.0639+0.0989i	-0.1237-0.0315i	0.6734+0.3258i	-0.0426-0.0129i	-0.2147+0.1479i
10.8	12.4124-1.3960i	15.3731-1.5748i	0.7434-0.1359i	0.0688+0.1046i	-0.1195-0.0168i	0.6963+0.3253i	-0.0424-0.0140i	-0.2051+0.1609i
10.9	12.8623-1.1216i	16.0738-1.4729i	0.6801-0.2342i	0.0699+0.1258i	-0.1067-0.0115i	0.7290+0.3219i	-0.0432-0.0183i	-0.1918+0.1691i
11.0	13.0778-1.0754i	16.2931-1.3917i	0.7545-0.4250i	0.0693+0.1287i	-0.0971-0.0068i	0.7550+0.3188i	-0.0434-0.0188i	-0.1724+0.1751i
11.1	13.5435-1.0734i	16.8966-1.4108i	0.6761-0.6373i	0.0655+0.1394i	-0.0818-0.0151i	0.7868+0.2930i	-0.0483-0.0225i	-0.1502+0.1653i
11.2	14.0241-0.6790i	17.4328-1.1338i	0.7072-0.8452i	0.0913+0.1478i	-0.0724-0.0275i	0.8100+0.2817i	-0.0489-0.0270i	-0.1415+0.1544i
11.3	14.6495-0.4197i	18.0294-1.0879i	0.5722-1.0608i	0.1113+0.1428i	-0.0752-0.0508i	0.8159+0.2599i	-0.0534-0.0323i	-0.1272+0.1444i
11.4	15.2134-0.4232i	18.6145-1.1415i	0.3164-1.1329i	0.1165+0.1545i	-0.0868-0.0703i	0.8191+0.2237i	-0.0610-0.0370i	-0.1187+0.1229i
11.5	16.1885-0.3090i	19.5066-1.0352i	-0.0911-1.2698i	0.1589+0.1376i	-0.1083-0.0827i	0.8234+0.2079i	-0.0733-0.0394i	-0.1248+0.1048i
11.6	17.7049+0.0338i	20.8777-0.7435i	-0.5556-1.1642i	0.1677+0.1018i	-0.1414-0.0746i	0.8308+0.1929i	-0.0943-0.0340i	-0.1419+0.0869i
11.7	19.0419-0.1549i	22.1128-0.9389i	-0.7687-0.8715i	0.1583+0.1077i	-0.1575-0.0612i	0.8360+0.1768i	-0.1035-0.0293i	-0.1544+0.0776i
11.8	20.3387-0.5809i	23.3163-1.3208i	-0.7949-0.4305i	0.1568+0.0874i	-0.1670-0.0401i	0.8370+0.1661i	-0.1116-0.0178i	-0.1700+0.0772i
11.9	21.4309-0.9266i	24.3289-1.3669i	-0.6764-0.3008i	0.1426+0.0777i	-0.1638-0.0248i	0.8335+0.1622i	-0.1163-0.0099i	-0.1832+0.0767i

12.0	23.4089-1.9334i	26.2400-2.0765i	-0.5432-0.1967i	0.1252+0.1013i	-0.1538-0.0143i	0.8369+0.1448i	-0.1239+0.0007i	-0.2093+0.0827i
12.1	24.7868-3.2909i	27.5547-2.8419i	-0.4886-0.2147i	0.1414+0.1167i	-0.1496-0.0095i	0.8337+0.1335i	-0.1311+0.0129i	-0.2302+0.0891i
12.2	25.0296-5.4411i	28.0575-4.1643i	-0.3439-0.3387i	0.1637+0.0631i	-0.1411-0.0113i	0.8226+0.1225i	-0.1323+0.0238i	-0.2433+0.1022i
12.3	23.4262-6.8807i	27.6176-4.9412i	-0.3227-0.6039i	0.1606+0.0678i	-0.1387-0.0214i	0.7898+0.1279i	-0.1289+0.0381i	-0.2574+0.1215i
12.4	22.7759-6.8682i	27.9986-5.0235i	-0.5505-0.6596i	0.1404+0.0854i	-0.1514-0.0242i	0.7699+0.1397i	-0.1254+0.0438i	-0.2772+0.1463i
12.5	22.5606-6.4460i	28.8469-5.2072i	-0.9498-0.3906i	0.0764+0.1115i	-0.1625-0.0166i	0.7616+0.1672i	-0.1257+0.0483i	-0.2867+0.1907i
12.6	23.5200-5.2006i	30.3851-4.6060i	-1.0171-0.2540i	0.0519+0.1532i	-0.1649-0.0102i	0.7649+0.2174i	-0.1281+0.0530i	-0.2843+0.2455i
12.7	24.2315-4.4833i	31.2845-4.3301i	-0.8789-0.1435i	0.0733+0.1764i	-0.1617-0.0034i	0.7770+0.2556i	-0.1261+0.0613i	-0.2568+0.2887i
12.8	25.5495-4.6505i	32.7541-4.9258i	-0.9374+0.0269i	0.0911+0.1969i	-0.1612+0.0011i	0.8232+0.2816i	-0.1233+0.0737i	-0.2005+0.3248i
12.9	26.5220-4.4082i	33.8964-4.9622i	-0.9316-0.0149i	0.0836+0.2077i	-0.1611-0.0013i	0.8722+0.3031i	-0.1177+0.0813i	-0.1315+0.3376i
13.0	28.0168-4.2338i	35.4575-4.7882i	-0.8604-0.1509i	0.1198+0.2086i	-0.1572-0.0020i	0.9224+0.3006i	-0.1097+0.0761i	-0.0619+0.2980i
13.1	30.4216-4.8321i	38.0420-5.5863i	-1.0098-0.0303i	0.1435+0.2214i	-0.1640-0.0051i	0.9791+0.2749i	-0.1130+0.0649i	-0.0205+0.2440i
13.2	32.5166-5.0730i	40.5943-5.9869i	-1.2728+0.0317i	0.1266+0.2073i	-0.1671-0.0074i	1.0163+0.2482i	-0.1242+0.0596i	-0.0022+0.1867i
13.3	34.1154-5.4797i	42.5187-6.6012i	-1.1492+0.1960i	0.0819+0.2130i	-0.1702-0.0083i	1.0171+0.2267i	-0.1442+0.0633i	-0.0288+0.1279i
13.4	36.7700-6.1057i	45.2548-7.3664i	-1.1338+0.1032i	0.0431+0.1927i	-0.1775-0.0165i	1.0302+0.2120i	-0.1715+0.0677i	-0.0616+0.0866i
13.5	38.5952-5.6630i	47.3484-6.7768i	-1.0469-0.3091i	0.0352+0.2184i	-0.1817-0.0277i	1.0311+0.2310i	-0.1949+0.0831i	-0.0886+0.0510i
13.6	41.5377-7.1779i	50.8857-8.7319i	-1.2205+0.1200i	-0.0364+0.2768i	-0.2020-0.0173i	1.0648+0.2286i	-0.2197+0.1167i	-0.1552+0.0391i
13.7	44.1526-8.3242i	54.0800-10.1112i	-1.5612+0.2191i	-0.0739+0.3050i	-0.2234-0.0146i	1.1230+0.2231i	-0.2257+0.1524i	-0.2169+0.0486i
13.8	46.8178-11.2158i	56.9957-13.3317i	-1.4342+0.6740i	-0.1719+0.3642i	-0.2457+0.0087i	1.1800+0.1805i	-0.2281+0.1895i	-0.2722+0.0968i
13.9	49.1460-11.4124i	59.7013-13.6757i	-1.4586+0.3854i	-0.1797+0.4308i	-0.2534+0.0101i	1.2007+0.1520i	-0.2507+0.1975i	-0.2844+0.1295i
14.0	53.4417-14.4192i	64.7987-17.3782i	-1.9716+0.8493i	-0.2199+0.5131i	-0.2794+0.0360i	1.2362+0.0963i	-0.2848+0.2597i	-0.3070+0.1827i
14.1	56.7722-17.2648i	69.2049-20.6758i	-2.2609+1.4166i	-0.2768+0.7082i	-0.2995+0.0643i	1.2474+0.0422i	-0.3072+0.3638i	-0.3121+0.2423i
14.2	59.4454-19.5387i	72.1603-23.4977i	-1.5814+1.7481i	-0.2340+0.9573i	-0.2899+0.0884i	1.2312+0.0247i	-0.2868+0.4467i	-0.2852+0.2724i
14.3	61.9382-22.8821i	75.0401-27.3882i	-1.2577+2.0621i	-0.2086+1.1271i	-0.2872+0.1156i	1.2204+0.0026i	-0.2561+0.5115i	-0.2608+0.2851i
14.4	68.4330-27.2192i	82.7737-32.4656i	-1.5726+2.0354i	-0.1375+1.4344i	-0.3055+0.1518i	1.2513-0.0078i	-0.2217+0.6341i	-0.2896+0.2962i
14.5	71.0038-33.2108i	85.8180-39.7772i	-1.3817+2.8293i	0.0202+1.5863i	-0.3027+0.2090i	1.2554-0.0377i	-0.1628+0.7568i	-0.3106+0.3603i
14.6	75.3859-40.0205i	91.0724-47.9175i	-0.8149+2.4702i	0.3801+2.0529i	-0.2708+0.2586i	1.2797-0.0330i	-0.0428+1.0059i	-0.3262+0.4746i
14.7	73.8589-46.8055i	89.2668-55.5603i	0.0604+3.0109i	0.6438+2.3418i	-0.2248+0.3164i	1.2706-0.0770i	0.1404+1.1732i	-0.2837+0.5828i
14.8	71.3441-53.2910i	86.3055-62.9970i	1.3864+2.7295i	1.5462+2.2709i	-0.0856+0.3308i	1.2864-0.1333i	0.7346+1.1303i	-0.0013+0.6520i
14.9	72.2809-57.3689i	87.8247-67.7633i	1.8855+2.7631i	2.2304+2.0731i	0.0192+0.2870i	1.2997-0.1996i	1.1346+0.8786i	0.2299+0.5778i
15.0	80.3051-58.6445i	97.4100-69.4583i	1.4042+1.4969i	2.4659+1.8122i	0.0271+0.1858i	1.3147-0.1851i	1.2878+0.5809i	0.2921+0.3917i
15.1	89.7452-65.6924i	108.3539-78.0481i	1.9212+1.0786i	2.7516+1.5576i	0.0223+0.1163i	1.3319-0.1982i	1.3378+0.2178i	0.2970+0.1728i
15.2	95.6738-78.1002i	115.9217-92.6316i	2.9707+0.0422i	2.9119+1.2723i	0.0069+0.0589i	1.3185-0.2743i	1.2670-0.0933i	0.2201-0.0088i
15.3	99.6307-102.7310i	121.0546-122.2213i	4.4596+0.7626i	3.2059+0.9194i	-0.0205+0.0404i	1.3024-0.3754i	1.1183-0.4347i	0.0743-0.1535i
15.4	102.3254-133.3383i	124.1396-158.1378i	4.1020+0.8109i	3.5605+0.5265i	-0.0714+0.0176i	1.2956-0.4674i	1.0039-0.7111i	-0.1173-0.2283i
15.5	86.8138-180.8239i	105.0099-214.4523i	3.2620+0.0166i	4.1701-0.3439i	-0.1559+0.0426i	1.2567-0.5879i	0.7361-0.9944i	-0.4048-0.1377i
15.6	36.2865-212.7797i	45.2475-252.3732i	4.0006+1.3457i	3.9770-1.4771i	-0.1461+0.1317i	1.1144-0.6981i	0.3210-1.1090i	-0.5473+0.1072i
15.7	-34.3280-197.8076i	-38.4955-235.2565i	5.1747+0.8236i	2.8421-2.3485i	-0.0946+0.1919i	0.8969-0.6352i	-0.1314-0.8651i	-0.4796+0.4173i
15.8	-63.5031-176.6457i	-72.9104-211.1450i	3.4828-0.8395i	2.2736-2.4995i	-0.1221+0.1869i	0.8844-0.5298i	-0.2831-0.6373i	-0.4206+0.5768i
15.9	-95.2800-143.3172i	-110.7496-171.7362i	2.1243+1.9346i	1.3671-2.6950i	-0.1233+0.2674i	0.8279-0.5176i	-0.3899-0.4015i	-0.2483+0.7441i
16.0	-92.8145-111.8645i	-107.5210-134.1917i	0.3186+0.1575i	1.0715-2.4975i	-0.1202+0.2525i	0.9146-0.4482i	-0.2856-0.2105i	-0.1476+0.7725i
16.1	-86.8634-96.4324i	-100.7467-115.8876i	-0.8833+0.0151i	0.8606-2.3545i	-0.1031+0.2640i	0.9995-0.4518i	-0.2048-0.1524i	-0.0718+0.7701i
16.2	-82.0374-81.8738i	-95.1991-98.4757i	0.3534+0.1047i	0.6677-2.1424i	-0.0383+0.2634i	1.0054-0.4919i	-0.1469-0.1175i	0.0503+0.7456i
16.3	-77.0362-72.7924i	-89.1561-87.6307i	-1.0295+1.9495i	0.4637-2.0967i	-0.0226+0.2886i	1.0060-0.5617i	-0.1161-0.0929i	0.1383+0.7855i
16.4	-72.2689-67.9361i	-83.3301-81.8865i	-1.3645+4.2376i	0.2818-1.9661i	0.0007+0.3135i	0.9700-0.6082i	-0.1030-0.0616i	0.2452+0.8032i
16.5	-68.4233-63.7425i	-78.7477-77.0522i	0.6182+6.8113i	0.1370-1.6943i	0.0527+0.3175i	0.9079-0.6461i	-0.0762-0.0045i	0.3863+0.7786i
16.6	-67.7781-63.5734i	-78.1819-77.0011i	4.0060+6.7646i	0.2080-1.4786i	0.0988+0.2714i	0.8388-0.6749i	0.0475-0.0071i	0.5474+0.6775i
16.7	-65.7151-61.5501i	-75.6444-74.7700i	6.3363+3.5898i	0.4415-1.4445i	0.1231+0.2060i	0.7749-0.6523i	0.1000-0.1063i	0.6059+0.4841i
16.8	-68.0119-56.7339i	-78.6499-69.1362i	7.2523-0.4684i	0.4335-1.5458i	0.1350+0.1401i	0.6698-0.5930i	0.0109-0.1892i	0.5640+0.3078i
16.9	-70.2069-50.0004i	-81.2786-60.8073i	6.0129+0.2215i	0.1041-1.5341i	0.1176+0.1498i	0.6374-0.5250i	-0.0971-0.1516i	0.5344+0.2635i
17.0	-67.9453-47.2449i	-78.4856-57.5517i	6.9571-0.1399i	0.0568-1.3032i	0.1336+0.1376i	0.6464-0.4810i	-0.0911-0.0610i	0.5289+0.2282i
17.1	-69.3077-45.4871i	-80.2451-55.6157i	6.7173-5.4926i	0.3836-1.3184i	0.1468+0.0598i	0.6383-0.4335i	0.0351+0.0386i	0.5364+0.1314i
17.2	-68.9708-37.8834i	-80.1925-46.4467i	0.0137-5.7278i	0.2841-1.7679i	0.0449+0.0353i	0.6675-0.3455i	0.1228-0.0718i	0.4380+0.0579i
17.3	-65.1992-32.4582i	-75.6439-39.9591i	-1.9294-2.2036i	-0.0326-1.7320i	0.0187+0.0742i	0.7236-0.3132i	0.0813-0.1614i	0.3725+0.0453i
17.4	-61.3257-29.4281i	-71.1185-36.4158i	0.2270-0.5483i	-0.1756-1.4693i	0.0535+0.0717i	0.7743-0.3123i	0.0240-0.1736i	0.3539+0.0379i
17.5	-58.2897-27.8339i	-67.5720-34.7638i	0.2228-1.1483i	-0.1433-1.4146i	0.0273+0.0478i	0.8070-0.3143i	0.0034-0.1689i	0.3152+0.0225i
17.6	-56.4076-27.1783i	-65.4373-33.9369i	0.4977+0.2036i	-0.1938-1.3496i	0.0112+0.0788i	0.8400-0.3254i	0.0041-0.1858i	0.3104+0.0305i
17.7	-54.2476-25.7492i	-62.7001-32.1880i	2.3841+0.8581i	-0.2460-1.2306i	0.0379+0.1045i	0.8682-0.3604i	-0.0486-0.2192i	0.3018+0.0072i
17.8	-52.5581-25.3783i	-60.7379-31.6853i	2.5542-0.5478i	-0.2416-1.2366i	0.0426+0.0817i	0.8709-0.3884i	-0.1050-0.2017i	0.2625-0.0148i
17.9	-52.4678-25.5037i	-60.6223-31.7412i	3.1696-0.6624i	-0.2720-1.2003i	0.0480+0.0870i	0.8653-0.4225i	-0.1616-0.1813i	0.2420-0.0141i
18.0	-52.1930-24.7070i	-60.1927-30.7676i	2.5699-0.0117i	-0.3731-1.1666i	0.0400+0.1030i	0.8477-0.4214i	-0.1946-0.1449i	0.2115+0.0038i
18.1	-51.9195-23.2405i	-60.1020-28.9312i	2.7477-0.5139i	-0.4004-1.0650i	0.0598+0.1022i	0.8381-0.4311i	-0.2146-0.0828i	0.1955+0.0093i
18.2	-51.2656-21.7360i	-59.3675-27.1742i	3.2003-1.0637i	-0.3711-0.9418i	0.0803+0.0923i	0.8305-0.4358i	-0.2035-0.0119i	0.1951+0.0238i

18.3	-50.3141-20.2458i	-58.4303-25.3228i	2.6219-1.6911i	-0.3690-0.9044i	0.0827+0.0721i	0.8245-0.4207i	-0.1754+0.0425i	0.1825+0.0345i
18.4	-49.3009-18.9035i	-57.1684-23.7471i	2.8298-1.8126i	-0.3443-0.7891i	0.0984+0.0625i	0.8497-0.3958i	-0.1579+0.0969i	0.1783+0.0533i
18.5	-47.8549-18.1659i	-55.2674-22.9821i	2.7776-2.5645i	-0.1867-0.6887i	0.1131+0.0189i	0.8914-0.3979i	-0.0486+0.1531i	0.2121+0.0701i
18.6	-46.9157-18.2036i	-54.1256-23.0254i	1.4945-3.4021i	0.0167-0.8242i	0.0701-0.0414i	0.9159-0.4533i	0.1056+0.0823i	0.2583+0.0338i
18.7	-46.8692-17.9223i	-54.0067-22.5056i	-0.0338-2.5328i	-0.0766-1.0659i	-0.0028-0.0164i	0.8659-0.4990i	0.0815-0.0685i	0.2216-0.0236i
18.8	-47.5467-16.7751i	-54.7778-21.1698i	0.3815-1.8928i	-0.2017-1.1090i	-0.0042+0.0218i	0.8431-0.5067i	0.0060-0.0975i	0.1896-0.0382i
18.9	-46.8862-14.8127i	-53.9221-18.8394i	-0.0152-1.4844i	-0.3009-1.0866i	-0.0037+0.0320i	0.8255-0.4792i	-0.0209-0.0947i	0.1527-0.0287i
19.0	-45.9087-13.6677i	-52.9550-17.2679i	-0.4334-1.2019i	-0.3775-1.0530i	-0.0083+0.0341i	0.8296-0.4609i	-0.0374-0.0990i	0.1280-0.0153i
19.1	-44.8831-12.5459i	-51.6856-15.9960i	-0.3703-0.8886i	-0.4419-1.0106i	-0.0098+0.0408i	0.8522-0.4456i	-0.0670-0.0924i	0.1059+0.0035i
19.2	-44.1874-11.4062i	-50.7897-14.5506i	-0.0849-0.7420i	-0.4702-0.9476i	-0.0055+0.0430i	0.8737-0.4548i	-0.0913-0.0803i	0.1017+0.0161i
19.3	-43.4372-10.7974i	-49.9213-13.5252i	0.3770-0.5654i	-0.5184-0.8970i	0.0019+0.0525i	0.9007-0.4779i	-0.1141-0.0705i	0.1096+0.0357i
19.4	-42.1191-10.2277i	-48.2863-12.9286i	0.3868-0.5720i	-0.5329-0.8390i	0.0018+0.0572i	0.8995-0.4851i	-0.1262-0.0504i	0.1148+0.0574i
19.5	-41.3827-9.6204i	-47.0269-12.4301i	0.5315-0.6916i	-0.5434-0.7728i	0.0098+0.0588i	0.8819-0.5277i	-0.1357-0.0141i	0.1275+0.0761i
19.6	-40.7694-9.3430i	-46.3623-12.0549i	0.5828-0.6749i	-0.5729-0.7038i	0.0172+0.0627i	0.8643-0.5557i	-0.1436+0.0179i	0.1421+0.0961i
19.7	-39.9863-8.8636i	-45.3528-11.5853i	0.3635-0.7416i	-0.5548-0.6360i	0.0222+0.0583i	0.8293-0.5549i	-0.1285+0.0584i	0.1648+0.1110i
19.8	-39.2367-8.5315i	-44.4224-11.3230i	0.1587-0.8042i	-0.5207-0.5879i	0.0258+0.0526i	0.8044-0.5183i	-0.0908+0.0808i	0.1915+0.1128i
19.9	-38.8078-8.0752i	-43.9321-10.7851i	0.1199-0.8160i	-0.4661-0.5764i	0.0293+0.0501i	0.7990-0.4820i	-0.0527+0.0838i	0.2247+0.1080i
20.0	-38.2555-7.2322i	-43.4990-9.5184i	0.2653-0.9060i	-0.4459-0.5762i	0.0378+0.0415i	0.8030-0.4611i	-0.0282+0.0700i	0.2633+0.0776i
20.1	-37.6367-6.7676i	-42.5093-8.8858i	0.3882-0.6200i	-0.4514-0.5727i	0.0403+0.0363i	0.8458-0.4120i	-0.0225+0.0449i	0.2846+0.0551i
20.2	-36.6791-6.3945i	-41.2724-8.4862i	0.0597-0.5976i	-0.4575-0.5680i	0.0363+0.0283i	0.8875-0.3734i	-0.0178+0.0307i	0.2881+0.0328i
20.3	-35.8829-6.2036i	-40.2902-8.2402i	0.1860-0.5341i	-0.4678-0.5618i	0.0337+0.0199i	0.9570-0.3807i	-0.0267+0.0296i	0.2899+0.0081i
20.4	-35.4030-5.6175i	-39.5140-7.6280i	0.2255-0.5883i	-0.4806-0.5443i	0.0310+0.0105i	1.0034-0.3972i	-0.0357+0.0339i	0.2889-0.0177i
20.5	-34.8047-5.3443i	-38.6875-7.3634i	0.2653-0.5305i	-0.4690-0.5081i	0.0241+0.0048i	1.0919-0.4384i	-0.0319+0.0427i	0.3004-0.0400i
20.6	-34.2585-5.2757i	-37.9980-7.2383i	0.2647-0.5925i	-0.4509-0.4861i	0.0198+0.0025i	1.1581-0.4786i	-0.0235+0.0462i	0.3123-0.0612i
20.7	-33.6745-5.3388i	-37.2039-7.3850i	0.2080-0.4403i	-0.4252-0.4746i	0.0139+0.0040i	1.2416-0.5216i	-0.0112+0.0455i	0.3239-0.0790i
20.8	-33.1067-5.1943i	-36.4773-7.3641i	0.3603-0.4555i	-0.4329-0.4718i	0.0089+0.0033i	1.3073-0.6228i	-0.0164+0.0366i	0.3200-0.1258i
20.9	-32.5772-4.9011i	-35.8418-7.1031i	0.3349-0.6568i	-0.4398-0.4478i	0.0038+0.0051i	1.3086-0.7350i	-0.0221+0.0497i	0.2969-0.1563i
21.0	-32.3908-5.0072i	-35.3434-6.9144i	0.4373-0.6427i	-0.4327-0.4310i	0.0048+0.0062i	1.3189-0.8463i	-0.0153+0.0560i	0.2945-0.1819i
21.1	-32.0707-5.1077i	-34.8663-7.0705i	0.5524-0.5274i	-0.3946-0.4154i	0.0063+0.0083i	1.3905-1.0136i	0.0008+0.0558i	0.3128-0.2274i
21.2	-31.2382-4.8907i	-34.0428-7.2961i	0.2624-0.4817i	-0.3615-0.4238i	0.0038+0.0086i	1.3954-1.1310i	0.0229+0.0481i	0.3081-0.2606i
21.3	-30.8946-4.9726i	-33.2032-7.2859i	0.0806-0.5816i	-0.3619-0.4380i	-0.0024+0.0058i	1.3248-1.2318i	0.0325+0.0394i	0.2746-0.2869i
21.4	-30.6254-4.8608i	-32.7929-7.0785i	0.0707-0.8049i	-0.3688-0.4359i	-0.0043+0.0046i	1.2104-1.4070i	0.0337+0.0387i	0.2319-0.3300i
21.5	-30.3937-4.7786i	-32.5926-7.2825i	-0.0468-0.7508i	-0.3516-0.4363i	-0.0042+0.0035i	1.1110-1.5402i	0.0437+0.0306i	0.2024-0.3656i
21.6	-30.3976-5.0816i	-32.6155-7.5157i	0.0076-0.5580i	-0.3687-0.4731i	-0.0073+0.0023i	0.8854-1.6561i	0.0327+0.0055i	0.1257-0.4004i
21.7	-30.3282-5.2332i	-32.3572-7.8243i	-0.0340-0.4473i	-0.3905-0.4626i	-0.0123+0.0023i	0.7368-1.6595i	0.0252-0.0023i	0.0748-0.4096i
21.8	-30.3499-4.7122i	-32.1764-7.2724i	0.0363-0.5658i	-0.4199-0.4342i	-0.0136-0.0003i	0.4411-1.6209i	0.0140+0.0079i	-0.0157-0.4008i
21.9	-29.8785-4.4090i	-31.7303-6.7344i	-0.0308-0.5782i	-0.4185-0.4191i	-0.0193+0.0008i	0.3263-1.4401i	0.0142+0.0159i	-0.0732-0.3366i
22.0	-29.7799-4.1132i	-31.6084-6.2585i	-0.1080-0.3676i	-0.4231-0.3968i	-0.0236+0.0023i	0.2249-1.2931i	0.0194+0.0254i	-0.1203-0.2848i
22.1	-29.7389-4.3571i	-31.3921-6.3083i	-0.1354-0.2829i	-0.4286-0.3910i	-0.0252+0.0059i	0.2165-1.2667i	0.0273+0.0202i	-0.1184-0.2609i
22.2	-29.3800-4.0838i	-30.8711-6.0737i	-0.0211-0.4043i	-0.4398-0.3771i	-0.0269+0.0088i	0.2259-1.1493i	0.0272+0.0186i	-0.1275-0.2092i
22.3	-28.9427-3.6249i	-30.5739-6.0185i	-0.0860-0.3961i	-0.4294-0.3622i	-0.0306+0.0107i	0.2334-1.1228i	0.0260+0.0129i	-0.1348-0.1930i
22.4	-28.6213-3.5569i	-30.4512-6.1582i	-0.0274-0.3737i	-0.4173-0.3688i	-0.0340+0.0149i	0.2698-1.1395i	0.0334+0.0035i	-0.1279-0.1776i
22.5	-28.4290-3.4794i	-29.8460-5.9900i	0.0571-0.3222i	-0.4324-0.3705i	-0.0346+0.0188i	0.3341-1.1408i	0.0337-0.0010i	-0.1107-0.1471i
22.6	-28.3042-3.7297i	-29.4723-5.8786i	0.0051-0.3596i	-0.4405-0.3650i	-0.0368+0.0231i	0.3484-1.1834i	0.0336-0.0035i	-0.0997-0.1307i
22.7	-27.8131-3.2443i	-29.1138-5.9584i	0.0601-0.4201i	-0.4194-0.3485i	-0.0389+0.0286i	0.3616-1.2529i	0.0331-0.0078i	-0.0937-0.1261i
22.8	-28.3542-3.0394i	-28.9054-5.6737i	0.0518-0.2594i	-0.4361-0.3277i	-0.0362+0.0333i	0.2698-1.3099i	0.0287-0.0116i	-0.0858-0.1196i
22.9	-28.2548-2.9532i	-28.5624-5.8964i	-0.0101-0.2341i	-0.4394-0.3453i	-0.0317+0.0402i	0.2325-1.3879i	0.0280-0.0203i	-0.0689-0.1219i
23.0	-27.9985-2.6277i	-28.2729-5.8685i	-0.0255-0.3168i	-0.4357-0.3524i	-0.0272+0.0451i	0.1155-1.5137i	0.0278-0.0262i	-0.0547-0.1296i
23.1	-27.8645-2.8713i	-28.3268-5.7534i	-0.0192-0.2818i	-0.4607-0.3393i	-0.0235+0.0509i	-0.0816-1.5740i	0.0118-0.0275i	-0.0707-0.1298i
23.2	-28.0211-2.8359i	-28.0264-5.6738i	-0.0282-0.2601i	-0.4716-0.3178i	-0.0187+0.0483i	-0.1957-1.4331i	0.0091-0.0235i	-0.0801-0.1252i
23.3	-27.8521-2.9613i	-27.9221-5.3012i	-0.1356-0.1750i	-0.4841-0.3116i	-0.0066+0.0467i	-0.4378-1.3149i	0.0053-0.0223i	-0.0875-0.1233i
23.4	-27.1526-2.5722i	-27.8531-5.2843i	-0.3106-0.2134i	-0.4717-0.3179i	0.0027+0.0476i	-0.6193-1.2812i	0.0087-0.0219i	-0.0975-0.1262i
23.5	-27.2579-2.2103i	-27.6209-5.1063i	-0.1825-0.3092i	-0.4874-0.2850i	0.0080+0.0433i	-0.7031-1.1163i	0.0026-0.0122i	-0.1048-0.1219i
23.6	-27.3521-1.9609i	-27.3950-4.9768i	-0.0660-0.2569i	-0.4946-0.2485i	0.0099+0.0393i	-0.6856-0.9544i	-0.0028-0.0116i	-0.1073-0.1094i
23.7	-27.4382-2.0189i	-27.1468-4.3938i	-0.0271-0.1314i	-0.5013-0.2526i	0.0121+0.0250i	-0.7256-0.6749i	-0.0071-0.0085i	-0.1190-0.0877i
23.8	-27.1956-2.1427i	-26.9478-4.4011i	-0.0073-0.0713i	-0.4990-0.2602i	0.0106+0.0210i	-0.6702-0.5906i	-0.0102-0.0098i	-0.1173-0.0726i
23.9	-26.8767-2.2433i	-26.2724-4.4350i	0.0382-0.1411i	-0.5022-0.2363i	0.0056+0.0154i	-0.5146-0.4498i	-0.0074-0.0046i	-0.1108-0.0595i
24.0	-26.9699-1.7645i	-25.8316-4.5540i	0.0519-0.1631i	-0.5084-0.2190i	-0.0004+0.0132i	-0.4177-0.3944i	-0.0043-0.0036i	-0.1019-0.0629i
24.1	-26.8168-1.8655i	-25.4736-4.2051i	-0.0198-0.1477i	-0.5043-0.2186i	-0.0046+0.0082i	-0.3606-0.3007i	0.0024+0.0017i	-0.0974-0.0528i
24.2	-26.6487-1.0105i	-25.5018-4.2392i	-0.0769-0.2579i	-0.4947-0.1707i	-0.0061+0.0074i	-0.3316-0.2490i	0.0003-0.0009i	-0.1012-0.0586i
24.3	-26.5600-1.1526i	-25.0640-4.2206i	-0.0779-0.1554i	-0.4887-0.1706i	-0.0088+0.0054i	-0.2712-0.2102i	-0.0023-0.0026i	-0.0965-0.0507i
24.4	-26.4566-0.8544i	-24.5135-4.1712i	-0.0844-0.1601i	-0.4731-0.1533i	-0.0105+0.0041i	-0.1992-0.2068i	0.0090+0.0052i	-0.0906-0.0516i
24.5	-25.6282+0.0951i	-24.3357-4.0939i	0.0657-0.2053i	-0.4411-0.1325i	-0.0125+0.0093i	-0.1627-0.2217i	0.0080+0.0102i	-0.0907-0.0548i

24.6	-26.1274-0.2936i	-24.2416-4.0649i	0.1134-0.0775i	-0.4723-0.1293i	-0.0172+0.0090i	-0.1440-0.2106i	-0.0000+0.0091i	-0.0851-0.0518i
24.7	-26.1995-0.4380i	-24.1500-4.0824i	0.1362+0.0343i	-0.4697-0.1424i	-0.0185+0.0120i	-0.1136-0.2122i	-0.0032+0.0024i	-0.0870-0.0471i
24.8	-26.4927+0.3054i	-23.6769-3.9771i	0.0758+0.0787i	-0.4618-0.1131i	-0.0205+0.0117i	-0.0536-0.1894i	0.0051+0.0038i	-0.0900-0.0487i
24.9	-26.4743+0.5053i	-23.2679-3.9743i	0.0749+0.1068i	-0.4562-0.0956i	-0.0231+0.0085i	-0.0142-0.1719i	0.0096+0.0055i	-0.0887-0.0432i
25.0	-25.7474+0.4807i	-23.2432-4.1641i	0.0624+0.0592i	-0.4257-0.0911i	-0.0211+0.0095i	-0.0220-0.1918i	0.0104+0.0013i	-0.0967-0.0418i
25.1	-25.8787-0.4336i	-23.1004-3.9855i	-0.0221-0.0007i	-0.4430-0.1213i	-0.0215+0.0076i	0.0044-0.1518i	0.0070+0.0101i	-0.0980-0.0386i
25.2	-25.8501-0.3958i	-22.9496-3.7775i	0.0049-0.0566i	-0.4480-0.1263i	-0.0226+0.0106i	0.0265-0.1466i	0.0072+0.0154i	-0.0938-0.0332i
25.3	-26.6865+0.8813i	-22.4566-3.8932i	-0.0019+0.0635i	-0.4619-0.0770i	-0.0299+0.0135i	0.0906-0.1750i	0.0153+0.0180i	-0.0844-0.0343i
25.4	-26.4222+1.6300i	-22.2734-3.9435i	-0.0525+0.0635i	-0.4521-0.0350i	-0.0282+0.0161i	0.1065-0.1759i	0.0254+0.0212i	-0.0853-0.0359i
25.5	-25.3660+1.5844i	-22.3245-4.0513i	-0.0103-0.0577i	-0.4067-0.0308i	-0.0243+0.0226i	0.0913-0.1702i	0.0305+0.0143i	-0.0900-0.0409i
25.6	-26.7718+3.5867i	-21.6700-3.9449i	-0.0025-0.0949i	-0.4171+0.0384i	-0.0305+0.0257i	0.1448-0.1569i	0.0414+0.0273i	-0.0785-0.0494i
25.7	-26.6084+2.9238i	-21.4962-4.1412i	0.0766-0.0426i	-0.4154-0.0114i	-0.0294+0.0236i	0.1693-0.1664i	0.0386+0.0082i	-0.0790-0.0417i
25.8	-26.1019+2.7636i	-21.3456-4.1700i	0.0335+0.0535i	-0.4020-0.0439i	-0.0283+0.0230i	0.1957-0.1617i	0.0413-0.0052i	-0.0845-0.0415i
25.9	-27.2020+2.5114i	-21.1977-3.8912i	0.1600+0.1360i	-0.4563-0.0449i	-0.0303+0.0227i	0.2044-0.1471i	0.0274-0.0033i	-0.0780-0.0358i
26.0	-26.2564+2.1107i	-21.4672-3.8397i	0.1388+0.1006i	-0.4564-0.0802i	-0.0245+0.0264i	0.1868-0.1706i	0.0085-0.0109i	-0.0882-0.0316i
26.1	-26.0857+4.1816i	-20.9491-3.9433i	0.1828+0.0767i	-0.4333-0.0216i	-0.0238+0.0304i	0.2285-0.1913i	0.0200-0.0059i	-0.0943-0.0420i
26.2	-26.0842+5.5484i	-20.4973-4.0009i	0.2540+0.0464i	-0.4356+0.0269i	-0.0222+0.0305i	0.2692-0.1857i	0.0305-0.0029i	-0.0964-0.0439i
26.3	-25.5907+3.6740i	-20.5255-3.9583i	0.1945+0.0760i	-0.4582-0.0419i	-0.0219+0.0184i	0.2529-0.1864i	0.0080-0.0121i	-0.0974-0.0208i
26.4	-25.0578+2.7232i	-20.5185-4.0323i	0.1096-0.0473i	-0.4592-0.0592i	-0.0223+0.0109i	0.2600-0.1879i	-0.0020-0.0133i	-0.0958-0.0081i
26.5	-24.5498+5.2255i	-20.2846-4.1739i	0.1851-0.0778i	-0.4245+0.0170i	-0.0203+0.0158i	0.2843-0.2198i	0.0037-0.0146i	-0.1003-0.0156i
26.6	-23.9264+4.6605i	-20.1992-4.3303i	0.1860-0.0885i	-0.4170-0.0152i	-0.0247+0.0148i	0.2967-0.2503i	-0.0143-0.0225i	-0.0997-0.0074i
26.7	-25.6987+6.1829i	-19.6428-4.2661i	0.2069-0.0044i	-0.4683+0.0710i	-0.0377+0.0202i	0.3503-0.2211i	-0.0087-0.0056i	-0.0902-0.0247i
26.8	-23.9583+7.5038i	-19.3920-4.4711i	0.2115-0.1318i	-0.4045+0.0987i	-0.0358+0.0229i	0.3650-0.2479i	-0.0032-0.0061i	-0.0998-0.0280i
26.9	-23.4559+8.0432i	-19.2956-4.6567i	0.2400-0.2269i	-0.4067+0.1353i	-0.0358+0.0314i	0.3810-0.2727i	-0.0117+0.0104i	-0.1008-0.0301i
27.0	-21.7769+8.6604i	-19.3326-4.9389i	0.2672-0.1559i	-0.3792+0.1553i	-0.0349+0.0369i	0.3930-0.3225i	-0.0238+0.0174i	-0.1093-0.0199i
27.1	-20.4523+7.5324i	-19.4543-4.9648i	0.1318-0.1957i	-0.3263+0.1210i	-0.0304+0.0346i	0.3749-0.3542i	-0.0228+0.0331i	-0.1080-0.0017i
27.2	-22.0232+7.2414i	-19.4018-4.7789i	0.1631-0.2161i	-0.3637+0.1438i	-0.0340+0.0375i	0.3583-0.3559i	-0.0194+0.0584i	-0.0920-0.0009i
27.3	-22.8238+7.2706i	-19.2338-4.7642i	0.1618-0.1908i	-0.3968+0.1395i	-0.0386+0.0426i	0.3779-0.3513i	-0.0128+0.0719i	-0.0849-0.0077i
27.4	-23.8983+11.1549i	-18.9061-4.9704i	0.1765-0.1745i	-0.4168+0.3055i	-0.0417+0.0587i	0.4388-0.3967i	0.0074+0.0885i	-0.0860-0.0272i
27.5	-22.9303+11.5237i	-19.0803-5.3669i	0.1561-0.2723i	-0.3766+0.3223i	-0.0385+0.0657i	0.4194-0.4604i	0.0152+0.0882i	-0.0879-0.0251i
27.6	-20.6116+12.7080i	-18.8881-5.6653i	0.1297-0.2569i	-0.2874+0.3310i	-0.0341+0.0688i	0.4274-0.5115i	0.0349+0.0835i	-0.1028-0.0254i
27.7	-20.1655+14.6382i	-19.0799-5.6334i	0.2293-0.2008i	-0.2475+0.4071i	-0.0300+0.0841i	0.3967-0.5564i	0.0497+0.1027i	-0.1053-0.0332i
27.8	-20.1121+13.9167i	-19.1642-5.4314i	0.1357-0.1634i	-0.2357+0.3767i	-0.0246+0.0870i	0.3586-0.5345i	0.0599+0.1069i	-0.1008-0.0332i
27.9	-17.8936+12.8669i	-19.4018-5.5413i	0.1207-0.1882i	-0.1653+0.3234i	-0.0122+0.0867i	0.3026-0.5601i	0.0828+0.0930i	-0.1089-0.0252i
28.0	-18.0072+14.8450i	-19.2642-5.6033i	0.2594-0.1998i	-0.1659+0.3754i	-0.0145+0.0979i	0.3396-0.6005i	0.1016+0.0965i	-0.1176-0.0279i
28.1	-17.3426+15.1453i	-19.3733-5.3336i	0.1005-0.2592i	-0.1418+0.3652i	-0.0024+0.1020i	0.2910-0.6042i	0.1215+0.0901i	-0.1158-0.0258i
28.2	-13.4000+12.0826i	-19.8161-5.1533i	0.0351-0.3470i	-0.0276+0.2177i	0.0232+0.0845i	0.1393-0.6141i	0.1294+0.0504i	-0.1155+0.0011i
28.3	-14.4935+13.4607i	-19.4031-5.0125i	0.0887-0.1963i	-0.0361+0.2838i	0.0258+0.0846i	0.1807-0.6014i	0.1439+0.0431i	-0.1198-0.0090i
28.4	-11.7163+13.9899i	-19.8016-4.9054i	0.1303-0.1965i	0.0316+0.2510i	0.0493+0.0885i	0.0683-0.6420i	0.1486+0.0149i	-0.1177-0.0010i
28.5	-9.9814+13.6548i	-19.8553-4.7396i	0.2305-0.1575i	0.0554+0.2225i	0.0593+0.0845i	0.0193-0.6315i	0.1489-0.0063i	-0.1196+0.0035i
28.6	-8.7909+14.3596i	-19.7066-4.7868i	0.1067-0.2121i	0.0925+0.2274i	0.0711+0.0845i	0.0103-0.6501i	0.1584-0.0159i	-0.1284+0.0016i
28.7	-9.9356+13.2223i	-19.6261-4.4579i	0.0268-0.2083i	0.0418+0.2195i	0.0685+0.0781i	-0.0217-0.6087i	0.1422-0.0050i	-0.1157+0.0005i
28.8	-9.1308+12.6938i	-19.5112-4.2997i	0.0866-0.1934i	0.0433+0.2218i	0.0725+0.0696i	-0.0625-0.5598i	0.1390-0.0066i	-0.1154-0.0018i
28.9	-7.3330+12.0388i	-19.4767-3.9814i	0.0693-0.1504i	0.1130+0.1708i	0.0883+0.0581i	-0.1092-0.5269i	0.1435-0.0182i	-0.1207+0.0063i
29.0	-5.5514+10.8552i	-19.4415-3.7864i	0.0202-0.2212i	0.1635+0.1202i	0.1024+0.0421i	-0.1541-0.4847i	0.1513-0.0380i	-0.1234+0.0150i
29.1	-6.9599+12.1391i	-19.1994-3.6711i	0.0088-0.1578i	0.1296+0.1908i	0.1001+0.0518i	-0.1080-0.4642i	0.1595-0.0192i	-0.1243+0.0038i
29.2	-6.3601+13.4939i	-18.9837-3.5808i	0.0265-0.0568i	0.1539+0.2469i	0.1100+0.0535i	-0.0951-0.4501i	0.1785-0.0236i	-0.1333-0.0010i
29.3	-3.6088+12.8155i	-18.8408-3.7073i	0.0494-0.0945i	0.2228+0.2045i	0.1166+0.0352i	-0.1298-0.4595i	0.1751-0.0553i	-0.1378+0.0080i
29.4	-2.8247+12.9706i	-18.7895-3.6081i	0.0937-0.1664i	0.2521+0.2005i	0.1206+0.0322i	-0.1392-0.4464i	0.1759-0.0606i	-0.1394+0.0058i
29.5	-3.0595+13.4528i	-18.7545-3.3089i	0.1582-0.0919i	0.2413+0.2581i	0.1258+0.0376i	-0.1659-0.3880i	0.1881-0.0438i	-0.1415-0.0049i
29.6	-3.7518+10.2349i	-18.4039-3.2159i	0.0873-0.1183i	0.2009+0.1230i	0.1155+0.0042i	-0.1347-0.3346i	0.1678-0.0803i	-0.1370+0.0133i
29.7	-3.3685+7.4064i	-18.3706-3.0281i	0.0123-0.1271i	0.1886+0.0410i	0.1079-0.0150i	-0.1261-0.2646i	0.1474-0.1057i	-0.1353+0.0217i
29.8	-1.5957+8.7032i	-18.1642-3.0885i	0.1633-0.1989i	0.2567+0.0530i	0.1268-0.0197i	-0.1315-0.2912i	0.1779-0.1151i	-0.1515+0.0294i
29.9	0.7163+9.3698i	-17.9934-2.9344i	0.2530-0.1738i	0.2949+0.0507i	0.1177-0.0349i	-0.1523-0.2957i	0.1431-0.1330i	-0.1551+0.0411i
30.0	-0.6444+8.1098i	-17.7251-2.8826i	0.2315-0.2484i	0.2296+0.0457i	0.1057-0.0370i	-0.1284-0.2498i	0.1307-0.1273i	-0.1493+0.0350i
30.1	-2.6721+7.2731i	-17.4735-2.6828i	0.0459-0.2229i	0.1903+0.0617i	0.1039-0.0256i	-0.0941-0.1950i	0.1491-0.1080i	-0.1444+0.0196i
30.2	-2.5037+8.1555i	-17.3051-2.7925i	0.0676-0.1144i	0.1792+0.0783i	0.0961-0.0284i	-0.0751-0.2204i	0.1360-0.1222i	-0.1424+0.0242i
30.3	-3.0228+7.5124i	-17.1420-2.7088i	0.2104-0.1554i	0.1355+0.0559i	0.0846-0.0288i	-0.0616-0.2024i	0.1109-0.1222i	-0.1341+0.0293i
30.4	-3.5169+5.8499i	-16.9443-2.4528i	0.2276-0.1113i	0.1172-0.0036i	0.0871-0.0394i	-0.0511-0.1677i	0.1059-0.1221i	-0.1321+0.0361i
30.5	-1.6541+5.3751i	-16.8611-2.4396i	0.1144-0.1300i	0.1631-0.0465i	0.0931-0.0557i	-0.0621-0.1493i	0.0980-0.1465i	-0.1389+0.0452i
30.6	-0.6406+7.3299i	-16.6325-2.4660i	0.2058-0.1075i	0.2096+0.0088i	0.1141-0.0622i	-0.0395-0.1853i	0.1188-0.1643i	-0.1584+0.0503i
30.7	-1.4390+8.3103i	-16.4592-2.4546i	0.2172-0.0755i	0.1828+0.0516i	0.1084-0.0624i	-0.0076-0.1807i	0.1191-0.1650i	-0.1639+0.0506i
30.8	-2.7626+5.8820i	-16.3286-2.2561i	0.1301-0.0684i	0.1147-0.0196i	0.0850-0.0758i	-0.0092-0.1280i	0.0865-0.1564i	-0.1439+0.0599i

30.9	-2.9748+4.9015i	-16.2532-2.1905i	0.1380-0.0183i	0.1056-0.0142i	0.0866-0.0693i	0.0107-0.1247i	0.0806-0.1427i	-0.1500+0.0611i
31.0	-2.5300+5.0192i	-16.0335-2.3394i	0.1795-0.0566i	0.1031-0.0135i	0.0836-0.0716i	0.0121-0.1374i	0.0789-0.1508i	-0.1523+0.0625i
31.1	-2.8329+5.3542i	-15.7417-2.3596i	0.1074-0.0402i	0.0882-0.0072i	0.0749-0.0685i	0.0433-0.1327i	0.0733-0.1394i	-0.1472+0.0609i
31.2	-2.2718+3.5666i	-15.8039-2.2797i	0.0362-0.0705i	0.0744-0.0586i	0.0626-0.0839i	0.0194-0.1099i	0.0429-0.1486i	-0.1340+0.0793i
31.3	-2.7643+3.6691i	-15.6175-2.1297i	0.0155-0.0407i	0.0664-0.0426i	0.0561-0.0784i	0.0161-0.0894i	0.0430-0.1367i	-0.1205+0.0702i
31.4	-1.5959+5.8363i	-15.3522-2.1769i	0.0888-0.1021i	0.1210+0.0203i	0.0731-0.0805i	0.0199-0.1185i	0.0692-0.1440i	-0.1411+0.0743i
31.5	-0.4631+6.2364i	-15.1420-2.1863i	0.3204-0.0796i	0.1414+0.0288i	0.0724-0.0989i	0.0023-0.1228i	0.0652-0.1631i	-0.1434+0.0927i
31.6	-1.3890+4.0420i	-15.1149-2.0680i	0.0132-0.0817i	0.1180-0.0123i	0.0477-0.0856i	0.0122-0.0566i	0.0413-0.1361i	-0.1232+0.0788i
31.7	-2.8931+4.0132i	-14.8751-2.1430i	0.0019-0.2039i	0.0591+0.0148i	0.0457-0.0751i	0.0387-0.0470i	0.0463-0.1184i	-0.1269+0.0648i
31.8	-2.9654+4.8408i	-14.8007-2.0396i	0.0621-0.1749i	0.0511+0.0543i	0.0537-0.0674i	0.0355-0.0516i	0.0536-0.1076i	-0.1279+0.0637i
31.9	-1.7458+4.1499i	-14.6120-2.0023i	0.2191-0.0766i	0.0700+0.0134i	0.0533-0.0775i	0.0324-0.0491i	0.0430-0.1183i	-0.1200+0.0761i
32.0	-2.2368+2.9357i	-14.5392-1.9390i	0.2689-0.0952i	0.0306-0.0245i	0.0363-0.0860i	0.0227-0.0163i	0.0211-0.1198i	-0.1039+0.0789i
32.1	-1.1271+4.3553i	-14.3550-1.8277i	0.2082-0.0463i	0.0888+0.0293i	0.0550-0.0924i	0.0149-0.0146i	0.0411-0.1242i	-0.1185+0.0779i
32.2	-1.8352+4.7675i	-14.1921-1.9132i	0.1798-0.0755i	0.0624+0.0618i	0.0621-0.0767i	0.0749+0.0147i	0.0479-0.1059i	-0.1319+0.0792i
32.3	-2.2148+4.5515i	-14.0345-1.9200i	0.1542-0.0731i	0.0449+0.0679i	0.0605-0.0713i	0.0905+0.0194i	0.0441-0.0967i	-0.1333+0.0718i
32.4	-2.5858+3.4352i	-13.8182-1.7933i	0.1737-0.0817i	0.0305+0.0500i	0.0589-0.0767i	0.0929+0.0503i	0.0485-0.0943i	-0.1303+0.0667i
32.5	-2.7713+3.6807i	-13.6722-1.6755i	0.2009-0.0351i	0.0321+0.0702i	0.0649-0.0840i	0.1043+0.0581i	0.0599-0.0910i	-0.1297+0.0678i
32.6	-0.7984+4.3567i	-13.7036-1.7471i	0.0945+0.0855i	0.0885+0.0827i	0.0737-0.0881i	0.0723+0.0501i	0.0650-0.0877i	-0.1261+0.0858i
32.7	-1.4164+3.6563i	-13.4842-1.6379i	0.1298-0.0031i	0.0991+0.1048i	0.0924-0.0806i	0.0999+0.0829i	0.0820-0.0715i	-0.1379+0.0755i
32.8	-2.7829+2.9712i	-13.3223-1.5564i	0.0562-0.0942i	0.0741+0.0923i	0.1072-0.0895i	0.1723+0.1175i	0.1049-0.0754i	-0.1528+0.0725i
32.9	-0.9604+2.6559i	-13.2785-1.6270i	0.1619-0.0800i	0.0858+0.0535i	0.0975-0.0980i	0.1460+0.1391i	0.0940-0.0827i	-0.1428+0.0842i
33.0	-1.2041+2.6148i	-13.0507-1.6968i	0.0799-0.0112i	0.0774+0.0574i	0.0952-0.1077i	0.1759+0.0914i	0.0909-0.0885i	-0.1451+0.0868i
33.1	-1.6313+3.3054i	-12.8342-1.7505i	0.1526-0.0627i	0.0813+0.0550i	0.1014-0.1110i	0.2102+0.0750i	0.1000-0.0949i	-0.1531+0.0968i
33.2	-2.9030+2.8007i	-12.9431-1.5923i	0.0551-0.0174i	0.0486+0.0695i	0.1041-0.1151i	0.2402+0.1183i	0.1055-0.0909i	-0.1435+0.0994i
33.3	-2.4734+2.5079i	-12.8338-1.5388i	0.0773-0.0567i	0.0569+0.0994i	0.1113-0.1199i	0.2649+0.1005i	0.1143-0.0904i	-0.1442+0.1016i
33.4	-2.2564+2.6122i	-12.6226-1.6015i	-0.0031-0.2149i	0.0924+0.0953i	0.1130-0.1431i	0.2787+0.0751i	0.1257-0.1101i	-0.1488+0.1143i
33.5	-1.2110+2.0750i	-12.3512-1.7133i	0.0861-0.2876i	0.1086+0.0423i	0.1065-0.1740i	0.2914+0.0934i	0.1233-0.1373i	-0.1456+0.1409i
33.6	-1.1432+0.7967i	-12.2993-1.6560i	0.1448-0.2124i	0.0917-0.0353i	0.0869-0.2083i	0.2779+0.1118i	0.1057-0.1703i	-0.1307+0.1564i
33.7	-2.6769+0.7127i	-12.1845-1.5193i	0.1315-0.1339i	0.0150-0.0195i	0.0695-0.2209i	0.3182+0.1085i	0.0909-0.1738i	-0.1212+0.1572i
33.8	-1.2930+0.8754i	-11.8574-1.6001i	0.2272-0.1930i	0.0514-0.0498i	0.0608-0.2492i	0.2958+0.1131i	0.0868-0.1981i	-0.1218+0.1812i
33.9	-2.0495+2.5982i	-11.8787-1.5364i	0.1004-0.0852i	0.0687+0.0395i	0.0600-0.2441i	0.2888+0.0753i	0.0979-0.1883i	-0.1196+0.1820i
34.0	-0.7204+2.3576i	-11.7627-1.5080i	0.1585-0.0180i	0.1362+0.0418i	0.0585-0.2783i	0.2571+0.0636i	0.1117-0.2183i	-0.1158+0.2022i
34.1	-0.0913+2.3979i	-11.4573-1.3566i	0.1534-0.0154i	0.1753+0.0109i	0.0517-0.3045i	0.2997+0.0614i	0.1171-0.2434i	-0.1085+0.2093i
34.2	0.1322+2.2668i	-11.3201-1.3219i	0.0706+0.0799i	0.1622-0.0179i	0.0375-0.3042i	0.3208+0.0620i	0.0985-0.2586i	-0.0996+0.2055i
34.3	-0.4247+2.5649i	-11.2838-1.3308i	0.0384-0.0481i	0.1289+0.0084i	0.0268-0.3076i	0.3321+0.0388i	0.0900-0.2606i	-0.0930+0.2018i
34.4	-0.4796+2.2789i	-11.1269-1.4203i	0.1336-0.0449i	0.0779-0.0176i	-0.0098-0.3076i	0.3576+0.0402i	0.0483-0.2563i	-0.0725+0.1975i
34.5	-0.6135+2.9170i	-10.9596-1.4113i	0.0962-0.0640i	0.0665+0.0229i	-0.0365-0.3321i	0.3620+0.0207i	0.0285-0.2706i	-0.0612+0.2204i
34.6	-1.1435+2.1478i	-10.7810-1.3829i	0.1201-0.1973i	0.0146+0.0156i	-0.0752-0.3312i	0.3908+0.0498i	-0.0051-0.2603i	-0.0424+0.2214i
34.7	-0.7240+0.7992i	-10.6652-1.3769i	0.1007-0.3523i	0.0251+0.0079i	-0.0895-0.3144i	0.3828+0.0817i	-0.0223-0.2458i	-0.0338+0.2069i
34.8	0.0256+0.6876i	-10.5889-1.2305i	-0.0070-0.1351i	0.0737+0.0059i	-0.1035-0.3134i	0.3591+0.0866i	-0.0287-0.2537i	-0.0248+0.2039i
34.9	1.3934+2.2180i	-10.4728-1.2713i	-0.2926+0.1138i	0.1249+0.0414i	-0.1144-0.3258i	0.3813+0.0616i	-0.0238-0.2565i	-0.0173+0.2205i
35.0	0.4539+1.7641i	-10.2181-1.2452i	-0.1643-0.0501i	0.0776+0.0507i	-0.1466-0.3281i	0.4241+0.0589i	-0.0384-0.2466i	-0.0008+0.2242i
35.1	0.7545+3.2548i	-10.0347-1.1903i	-0.0113-0.1284i	0.1183+0.1436i	-0.1764-0.3393i	0.3876+0.0216i	-0.0433-0.2499i	0.0218+0.2383i
35.2	1.0927+3.0379i	-9.8434-1.2551i	0.0795-0.0892i	0.0962+0.1291i	-0.1936-0.3213i	0.3605-0.0013i	-0.0571-0.2382i	0.0440+0.2250i
35.3	0.8313+2.2479i	-9.7113-1.2448i	0.0253-0.0230i	0.0671+0.0971i	-0.2107-0.2940i	0.3925+0.0129i	-0.0710-0.2190i	0.0534+0.2081i
35.4	-0.0990+2.0538i	-9.7234-1.2544i	-0.0029-0.0431i	0.0296+0.1287i	-0.2246-0.2814i	0.4186+0.0230i	-0.0770-0.1977i	0.0601+0.1971i
35.5	0.1422+2.0765i	-9.5105-1.3438i	0.1617-0.1552i	0.0152+0.1427i	-0.2408-0.2572i	0.4096+0.0121i	-0.0821-0.1811i	0.0819+0.1798i
35.6	0.5152+2.3878i	-9.3195-1.3364i	-0.0475-0.0952i	0.0642+0.1391i	-0.2418-0.2429i	0.4119+0.0046i	-0.0795-0.1698i	0.0891+0.1709i
35.7	1.3217+1.7965i	-9.1787-1.2832i	-0.0728+0.0925i	0.0860+0.1124i	-0.2425-0.2187i	0.4040-0.0060i	-0.0846-0.1698i	0.0890+0.1537i
35.8	1.4634+1.7057i	-9.0065-1.2804i	0.0141-0.0333i	0.0985+0.1351i	-0.2563-0.1975i	0.4038+0.0228i	-0.0890-0.1514i	0.0989+0.1301i
35.9	1.8399+1.6674i	-8.9777-1.2237i	-0.0895-0.0427i	0.0948+0.1368i	-0.2522-0.2118i	0.3842+0.0305i	-0.0834-0.1525i	0.0978+0.1370i
36.0	1.4675+1.4720i	-8.9410-1.2238i	-0.0767-0.0759i	0.0831+0.1557i	-0.2527-0.2116i	0.3630+0.0415i	-0.0757-0.1438i	0.1034+0.1346i
36.1	0.6658+1.1189i	-8.7795-1.2626i	-0.0968-0.0153i	0.0910+0.1771i	-0.2556-0.1813i	0.4030+0.0203i	-0.0611-0.1187i	0.1008+0.0992i
36.2	0.5512+1.2077i	-8.5661-1.1338i	-0.1034+0.0374i	0.1092+0.1988i	-0.2572-0.1715i	0.4208+0.0268i	-0.0552-0.1098i	0.0957+0.0882i
36.3	1.3676+1.8848i	-8.4109-1.0484i	-0.0788-0.0031i	0.1504+0.2167i	-0.2825-0.1867i	0.4205+0.0525i	-0.0443-0.1211i	0.1059+0.0924i
36.4	2.1644+1.3547i	-8.1927-1.1916i	0.0544-0.2205i	0.1729+0.2105i	-0.2961-0.1630i	0.4027+0.0875i	-0.0453-0.1233i	0.1069+0.0754i
36.5	1.7636+0.3344i	-8.1280-1.3380i	-0.1097-0.2819i	0.1650+0.1578i	-0.3080-0.1464i	0.4428+0.0929i	-0.0299-0.1264i	0.1113+0.0586i
36.6	2.3798+1.3199i	-7.9197-1.1407i	-0.0271-0.1056i	0.2187+0.1668i	-0.3254-0.1408i	0.4682+0.1159i	-0.0154-0.1397i	0.1108+0.0427i
36.7	2.9674+2.7671i	-7.7089-1.0420i	0.0541-0.0493i	0.2682+0.2274i	-0.3326-0.1361i	0.4803+0.1132i	-0.0055-0.1466i	0.0976+0.0408i
36.8	2.8890+1.6772i	-7.5920-1.1361i	0.0140-0.2018i	0.2586+0.1964i	-0.3457-0.1033i	0.5112+0.1394i	-0.0046-0.1507i	0.1024+0.0152i
36.9	2.3249+0.4340i	-7.5074-1.1638i	-0.0275-0.2958i	0.2372+0.1415i	-0.3570-0.0528i	0.5906+0.1803i	-0.0113-0.1622i	0.0951-0.0174i
37.0	3.0072+1.1228i	-7.3152-1.1871i	0.0760-0.1860i	0.2484+0.1344i	-0.3480-0.0662i	0.5768+0.1276i	-0.0112-0.1852i	0.0839-0.0021i
37.1	3.0290+1.6710i	-7.1639-1.0951i	0.1345+0.0230i	0.2349+0.1055i	-0.3280-0.0688i	0.5783+0.0753i	-0.0164-0.1957i	0.0633+0.0047i

37.2	2.7132+1.7244i	-7.0708-1.0667i	0.1105-0.0230i	0.2169+0.1192i	-0.3322-0.0380i	0.6114+0.0779i	-0.0325-0.1977i	0.0550-0.0018i
37.3	2.9283+1.7304i	-6.9652-1.0014i	0.0198+0.0490i	0.2325+0.1152i	-0.3180-0.0289i	0.6138+0.0575i	-0.0417-0.2010i	0.0439-0.0021i
37.4	2.4184+1.2754i	-6.8553-0.9386i	-0.0144+0.0048i	0.1853+0.1265i	-0.2965-0.0216i	0.6474+0.0668i	-0.0717-0.1906i	0.0202-0.0029i
37.5	2.7749+1.1443i	-6.6751-1.0007i	-0.0647-0.2181i	0.2095+0.1257i	-0.3115+0.0058i	0.7110+0.0493i	-0.0829-0.2063i	0.0216-0.0087i
37.6	2.7230+1.3989i	-6.6260-0.9852i	-0.0357-0.1321i	0.1645+0.0956i	-0.3103+0.0166i	0.6896+0.0027i	-0.0865-0.2069i	0.0367-0.0092i
37.7	2.0471+1.6019i	-6.4914-0.9297i	-0.1677-0.0032i	0.1257+0.0939i	-0.2778+0.0205i	0.7240-0.1071i	-0.1009-0.1984i	0.0110+0.0045i
37.8	1.8094+2.2742i	-6.3840-0.7887i	-0.1615+0.0953i	0.1088+0.1334i	-0.2703+0.0238i	0.6827-0.1515i	-0.1188-0.1873i	0.0209+0.0048i
37.9	3.2034+2.3153i	-6.1209-0.8494i	-0.0348+0.0023i	0.0863+0.1700i	-0.2760+0.0166i	0.6074-0.0880i	-0.1412-0.1690i	0.0282-0.0197i
38.0	4.6609+1.0658i	-5.9311-0.9102i	-0.0311-0.1550i	0.1199+0.2120i	-0.2889+0.0332i	0.6943-0.0189i	-0.1617-0.1420i	0.0011-0.0318i
38.1	2.9919+1.0785i	-5.8559-0.8408i	-0.0295-0.0785i	0.0879+0.2482i	-0.2714+0.0450i	0.7087-0.1156i	-0.1404-0.0991i	0.0065-0.0096i
38.2	4.0461+0.9972i	-5.6636-0.9031i	-0.0264+0.0025i	0.1635+0.2197i	-0.2489+0.0194i	0.5595-0.1896i	-0.1105-0.1015i	0.0168+0.0048i
38.3	3.9808+0.7391i	-5.5144-0.8429i	-0.0224+0.1221i	0.1659+0.2114i	-0.2429+0.0189i	0.5122-0.1976i	-0.0927-0.0939i	0.0187+0.0028i
38.4	4.1264+0.7258i	-5.3446-0.8698i	-0.0309+0.0527i	0.2190+0.2128i	-0.2545+0.0342i	0.5395-0.1581i	-0.0793-0.0994i	0.0273-0.0094i
38.5	4.2349+1.6239i	-5.1629-0.8554i	-0.0356-0.0238i	0.2353+0.2515i	-0.2398+0.0316i	0.4966-0.1471i	-0.0568-0.0967i	0.0166-0.0154i
38.6	4.4399+1.2172i	-5.0132-0.8631i	-0.1746-0.0369i	0.2735+0.2192i	-0.2134+0.0417i	0.5283-0.1939i	-0.0571-0.1003i	-0.0023-0.0020i
38.7	3.8091+1.4898i	-4.9567-0.7877i	-0.3234-0.0212i	0.2589+0.2680i	-0.2007+0.0471i	0.5738-0.2017i	-0.0593-0.0894i	-0.0356+0.0003i
38.8	3.5353+1.3627i	-4.8653-0.6905i	-0.2133+0.0866i	0.2067+0.2660i	-0.2177+0.0448i	0.5881-0.0792i	-0.0663-0.1018i	-0.0402-0.0251i
38.9	3.5016+1.4233i	-4.7578-0.6660i	-0.3094+0.1491i	0.2466+0.2416i	-0.2068+0.0384i	0.5445-0.1376i	-0.0528-0.1002i	-0.0281-0.0079i
39.0	4.3527+2.9438i	-4.4778-0.5666i	-0.2332+0.1390i	0.2962+0.2977i	-0.2158+0.0396i	0.6321-0.1351i	-0.0294-0.1045i	-0.0505+0.0088i
39.1	4.7787+2.9299i	-4.2246-0.6238i	-0.0715-0.0070i	0.2886+0.3172i	-0.2303+0.0409i	0.6756-0.0950i	-0.0304-0.1101i	-0.0629+0.0095i
39.2	4.8784+1.8945i	-4.0664-0.6956i	-0.1285-0.0034i	0.3016+0.2926i	-0.2197+0.0342i	0.5972-0.1188i	-0.0307-0.1148i	-0.0485+0.0238i
39.3	4.2353+1.6193i	-3.9850-0.6458i	-0.1541+0.1288i	0.2878+0.2555i	-0.2153+0.0180i	0.5457-0.0980i	-0.0240-0.1148i	-0.0253+0.0315i
39.4	4.7869+0.8694i	-3.8266-0.7188i	-0.1246+0.0346i	0.2916+0.2350i	-0.2206+0.0351i	0.6185-0.0991i	-0.0288-0.1159i	-0.0359+0.0233i
39.5	4.3169+1.5378i	-3.7118-0.6350i	-0.1521+0.1705i	0.3055+0.2507i	-0.2210+0.0432i	0.6210-0.1402i	-0.0177-0.1180i	-0.0207+0.0389i
39.6	4.7142+2.3223i	-3.5583-0.5074i	-0.2657+0.2505i	0.3316+0.2837i	-0.2216+0.0421i	0.6207-0.1425i	-0.0182-0.1351i	-0.0342+0.0588i
39.7	6.1186+1.8990i	-3.2656-0.4863i	-0.1872+0.2299i	0.3683+0.2583i	-0.2257+0.0557i	0.6560-0.1530i	-0.0453-0.1568i	-0.0180+0.0556i
39.8	5.4758+1.3329i	-3.0958-0.4807i	-0.1004+0.2916i	0.3353+0.2145i	-0.2159+0.0483i	0.6459-0.1060i	-0.0520-0.1488i	-0.0102+0.0187i
39.9	5.3157-0.0609i	-3.0264-0.6587i	-0.2685+0.2027i	0.3066+0.1636i	-0.2146+0.0528i	0.6635-0.1215i	-0.0684-0.1432i	-0.0163+0.0119i
40.0	5.4825-0.0089i	-2.8986-0.6478i	-0.2509+0.2955i	0.2519+0.1662i	-0.2398+0.0528i	0.7314-0.0813i	-0.0698-0.1611i	-0.0241-0.0017i
40.1	5.9789+0.6585i	-2.7231-0.5974i	-0.3010+0.3255i	0.3009+0.1648i	-0.2247+0.0290i	0.6836-0.0567i	-0.0435-0.1648i	-0.0328+0.0085i
40.2	6.3702+1.9614i	-2.5270-0.4607i	-0.3311+0.3723i	0.3659+0.2185i	-0.2152+0.0359i	0.6648-0.0822i	-0.0254-0.1759i	-0.0438+0.0036i
40.3	7.1559+1.6774i	-2.3248-0.4024i	-0.3256+0.4875i	0.3897+0.1699i	-0.2342+0.0289i	0.6768-0.0487i	-0.0391-0.2121i	-0.0275-0.0035i
40.4	6.6364+0.5771i	-2.1897-0.4929i	-0.3493+0.4484i	0.3597+0.1505i	-0.2191+0.0500i	0.6722-0.1131i	-0.0625-0.1862i	-0.0422-0.0061i
40.5	5.5820+0.1168i	-1.9745-0.4412i	-0.0775+0.4099i	0.3688+0.2130i	-0.2097+0.1182i	0.6945-0.2917i	-0.0988-0.1475i	-0.0286-0.0126i
40.6	6.3282+0.5510i	-1.7250-0.3950i	0.0353+0.4060i	0.4185+0.1739i	-0.2137+0.1070i	0.6652-0.2915i	-0.0731-0.1765i	-0.0001-0.0145i
40.7	6.8954+0.2054i	-1.5880-0.3613i	-0.0685+0.5221i	0.3745+0.1216i	-0.2177+0.0909i	0.6955-0.2540i	-0.1099-0.2039i	-0.0197+0.0197i
40.8	6.9230-0.5172i	-1.4603-0.4926i	-0.2671+0.4789i	0.3305+0.0473i	-0.2030+0.0727i	0.6584-0.1972i	-0.1330-0.2065i	-0.0140-0.0231i
40.9	6.2650-0.4180i	-1.2921-0.4087i	-0.0660+0.5670i	0.3469+0.1562i	-0.2163+0.0984i	0.6737-0.2970i	-0.1419-0.1642i	0.0271-0.0118i
41.0	6.5554-0.3568i	-1.0313-0.3568i	0.1162+0.5587i	0.3632+0.1562i	-0.2183+0.1113i	0.6844-0.3166i	-0.1625-0.1660i	0.0131+0.0162i
41.1	6.7207+0.3507i	-0.9640-0.4148i	-0.0785+0.4534i	0.3587+0.1136i	-0.2002+0.0987i	0.6553-0.2552i	-0.1500-0.1793i	-0.0127-0.0120i
41.2	6.6256+0.6628i	-0.6880-0.3073i	0.0989+0.6057i	0.3520+0.1766i	-0.2071+0.1015i	0.6740-0.3061i	-0.1547-0.1552i	-0.0186-0.0006i
41.3	7.0699+0.8637i	-0.4000-0.2648i	0.2839+0.5886i	0.4096+0.1942i	-0.2148+0.0915i	0.6542-0.3343i	-0.1278-0.1429i	-0.0000+0.0252i
41.4	7.2612+0.7097i	-0.1369-0.2189i	0.6353+0.6454i	0.4776+0.2267i	-0.2272+0.1436i	0.6293-0.4179i	-0.1433-0.1311i	0.0464+0.0602i
41.5	7.0178-0.0039i	-0.0004-0.2741i	0.5259+0.5948i	0.3664+0.1911i	-0.2273+0.1579i	0.6387-0.4047i	-0.1811-0.1143i	0.0359+0.0238i
41.6	7.9418+0.3694i	0.3270-0.3806i	0.4894+0.2748i	0.4136+0.2215i	-0.2043+0.1629i	0.5678-0.3949i	-0.1784-0.1005i	0.0442+0.0244i
41.7	8.1835+0.6707i	0.5391-0.3848i	0.5352+0.2366i	0.4136+0.1888i	-0.1838+0.1682i	0.5466-0.3767i	-0.1724-0.0910i	-0.0002+0.0128i
41.8	8.6113+0.5316i	0.7041-0.4046i	0.5668+0.3616i	0.3809+0.1587i	-0.2035+0.1666i	0.5660-0.3593i	-0.1971-0.1090i	0.0001-0.0027i
41.9	8.4681+0.4267i	0.7750-0.4476i	0.4239+0.2396i	0.3454+0.1521i	-0.1826+0.1737i	0.5490-0.3376i	-0.2097-0.0865i	-0.0050-0.0222i
42.0	8.1016+0.1489i	0.9807-0.5575i	0.5514-0.0921i	0.3686+0.2048i	-0.1357+0.1982i	0.4946-0.3461i	-0.1751-0.0255i	-0.0059-0.0006i
42.1	7.4413-0.4343i	1.0400-0.6643i	0.5299-0.1487i	0.4036+0.2106i	-0.1338+0.1974i	0.4836-0.3405i	-0.1461-0.0257i	0.0470+0.0031i
42.2	7.7939+0.3579i	1.2087-0.4983i	0.3628+0.0013i	0.3806+0.2071i	-0.1068+0.1837i	0.5111-0.3039i	-0.1572-0.0175i	0.0052-0.0093i
42.3	8.3953+0.6441i	1.4647-0.4746i	0.4834-0.1587i	0.4169+0.2244i	-0.0923+0.1818i	0.4858-0.2850i	-0.1438-0.0040i	0.0403+0.0050i
42.4	8.4359+1.1728i	1.7776-0.4748i	0.6210-0.1723i	0.4052+0.2566i	-0.0978+0.1999i	0.4946-0.3067i	-0.1568-0.0008i	0.0464-0.0352i
42.5	8.9900+0.9799i	1.9883-0.3817i	0.5482-0.0722i	0.4115+0.2530i	-0.0690+0.1914i	0.5222-0.2896i	-0.1675+0.0178i	-0.0185-0.1025i
42.6	9.5892+1.0150i	2.2310-0.2735i	0.5592+0.1966i	0.3803+0.2448i	-0.0848+0.1857i	0.5333-0.2987i	-0.1840-0.0070i	-0.1173-0.1263i
42.7	9.1738-0.0294i	2.3226-0.3777i	0.4058+0.1745i	0.3474+0.2301i	-0.0667+0.1355i	0.5284-0.2755i	-0.1547+0.0292i	-0.0891-0.0326i
42.8	8.9404-0.1554i	2.4518-0.4991i	0.5323-0.0727i	0.3627+0.3074i	-0.0558+0.1544i	0.4987-0.2702i	-0.1413+0.0724i	-0.0703-0.0225i
42.9	10.1759-0.7000i	2.7972-0.6467i	0.4811-0.2816i	0.3582+0.2577i	-0.0386+0.1710i	0.4867-0.2468i	-0.1707+0.0772i	-0.1523-0.0583i
43.0	9.1839-0.4651i	2.6629-0.6132i	0.0045-0.1839i	0.4326+0.2641i	-0.0202+0.0651i	0.5287-0.1667i	-0.0676+0.0905i	-0.1326-0.0078i
43.1	8.9871+0.8685i	2.7565-0.2716i	-0.0065+0.2335i	0.4417+0.2915i	-0.0792+0.0458i	0.5751-0.1909i	-0.0403+0.0472i	-0.1136+0.0193i
43.2	9.3141+1.4495i	3.0722-0.2670i	0.1485+0.0153i	0.4844+0.3386i	-0.0903+0.0782i	0.5746-0.1908i	-0.0266+0.0513i	-0.0989+0.0106i
43.3	10.1582+0.8900i	3.4478-0.3694i	0.4071-0.0212i	0.4884+0.3608i	-0.1476+0.1109i	0.5900-0.2219i	-0.0230+0.0407i	-0.0456+0.0491i
43.4	10.8098-0.0464i	3.7323-0.5902i	0.4019-0.3186i	0.5540+0.3290i	-0.1189+0.1408i	0.5799-0.2140i	-0.0084+0.0451i	0.0165+0.0398i

43.5	11.4261-0.1938i	4.0491-0.6140i	0.4160-0.0699i	0.4782+0.3278i	-0.1356+0.1399i	0.6018-0.2322i	-0.0428+0.0430i	-0.0097+0.0733i
43.6	11.4651+0.9058i	4.1893-0.5310i	0.1881-0.2384i	0.4972+0.3185i	-0.1030+0.1143i	0.6302-0.2278i	-0.0289+0.0329i	-0.0393+0.0389i
43.7	10.6380+1.1132i	4.2597-0.4445i	0.2469-0.2498i	0.5623+0.3773i	-0.1089+0.0908i	0.6285-0.2422i	0.0304+0.0619i	-0.0088+0.0434i
43.8	10.3037+0.3603i	4.3464-0.4902i	0.2171-0.1817i	0.6253+0.3067i	-0.1335+0.0868i	0.6253-0.2420i	0.1048+0.0358i	0.0577+0.0134i
43.9	11.3185-0.0498i	4.6749-0.5236i	0.3226-0.2001i	0.6317+0.2593i	-0.1645+0.1247i	0.6289-0.2532i	0.0843-0.0220i	0.0604-0.0026i
44.0	11.2184+0.1986i	4.8302-0.4760i	0.3202-0.1757i	0.6280+0.2356i	-0.1399+0.1328i	0.6434-0.2564i	0.0644-0.0238i	-0.0050-0.0055i
44.1	11.6715-0.7342i	5.1014-0.6398i	0.1961-0.1694i	0.5859+0.2396i	-0.0914+0.1210i	0.6718-0.2595i	0.0495+0.0235i	-0.0826+0.0402i
44.2	11.4451-0.2755i	5.2909-0.6119i	0.0372-0.2537i	0.6699+0.2918i	-0.0686+0.1293i	0.6865-0.2839i	0.1186+0.0176i	0.0048+0.0581i
44.3	11.8455+0.3922i	5.5021-0.5743i	0.0671-0.2720i	0.6896+0.2903i	-0.0712+0.1308i	0.6634-0.3161i	0.1328-0.0157i	0.0244-0.0178i
44.4	12.5822+0.1965i	5.7600-0.6621i	0.0558-0.2456i	0.6953+0.2849i	-0.0732+0.1231i	0.6229-0.3098i	0.1389-0.0312i	-0.0281-0.0166i
44.5	13.7934-0.6873i	6.2148-0.7834i	0.1785-0.2195i	0.6786+0.2569i	-0.1618+0.1582i	0.6247-0.2955i	0.1251-0.0684i	0.0297+0.0186i
44.6	12.9724+0.1132i	6.2587-0.4770i	0.1076-0.0078i	0.6999+0.2567i	-0.1339+0.1508i	0.6418-0.3188i	0.1419-0.0886i	0.0043+0.0257i
44.7	12.8324-0.3720i	6.3107-0.5774i	0.0378+0.0290i	0.7433+0.1989i	-0.1324+0.1235i	0.6226-0.3278i	0.1620-0.1117i	0.0133+0.0154i
44.8	13.7793+0.0512i	6.6761-0.5037i	0.1430+0.0722i	0.7515+0.1308i	-0.2243+0.1107i	0.6202-0.3072i	0.1874-0.1874i	0.0821+0.0654i
44.9	13.2415+0.0040i	6.7910-0.5183i	0.0008-0.1209i	0.7135+0.0928i	-0.1791+0.1832i	0.6489-0.2785i	0.1635-0.2410i	0.0940-0.0153i
45.0	13.5266-0.6633i	7.0864-0.7260i	-0.0868-0.0989i	0.5839+0.1186i	-0.1396+0.2437i	0.6660-0.3235i	0.0701-0.2666i	0.0550-0.0772i
45.1	13.6890-0.5976i	7.3418-0.7765i	-0.0608+0.0079i	0.6148+0.1280i	-0.1452+0.1917i	0.6623-0.3307i	0.0617-0.2535i	0.0529-0.0592i
45.2	13.1988-0.1022i	7.4028-0.6807i	0.0689+0.0508i	0.6720+0.1974i	-0.1308+0.2139i	0.6485-0.3186i	0.0708-0.2345i	0.0571-0.0706i
45.3	13.1505-0.6174i	7.5321-0.6861i	0.0792-0.0978i	0.6914+0.1753i	-0.0655+0.2479i	0.6403-0.3153i	0.0442-0.2338i	0.0192-0.1540i
45.4	13.2454+0.1991i	7.7778-0.4843i	0.0133-0.0173i	0.7121+0.1237i	-0.0492+0.2424i	0.6361-0.3077i	0.0332-0.2629i	-0.0580-0.2185i
45.5	14.1831+1.0244i	8.1652-0.3604i	0.0325+0.1045i	0.7353+0.1438i	-0.0970+0.2142i	0.6545-0.2787i	0.0680-0.2461i	-0.0742-0.1069i
45.6	14.4027+0.3257i	8.5073-0.6459i	0.1779+0.2686i	0.6760+0.2217i	-0.1675+0.3162i	0.6838-0.2938i	0.0733-0.2667i	-0.0003-0.0584i
45.7	15.5147-0.1330i	8.9196-0.7376i	0.3027+0.3933i	0.7493+0.2627i	-0.1276+0.4240i	0.6997-0.3035i	0.0630-0.3079i	0.0620-0.1084i
45.8	15.0393-0.1672i	8.9263-0.7686i	0.1879+0.1770i	0.8576+0.1891i	-0.0293+0.3748i	0.7179-0.3085i	0.0825-0.3372i	0.0127-0.1432i
45.9	14.6124-0.2312i	9.1008-0.6858i	0.0035+0.2554i	0.7798+0.1395i	-0.0459+0.3094i	0.7345-0.3151i	0.0733-0.3558i	-0.0369-0.0347i
46.0	14.5029-0.1842i	9.2812-0.5979i	-0.1027+0.2695i	0.7662+0.1076i	-0.0500+0.2797i	0.7373-0.3403i	0.0571-0.3597i	0.0095+0.0574i
46.1	15.2901-0.0968i	9.5771-0.6822i	-0.0215+0.1986i	0.8194+0.0092i	-0.0810+0.2601i	0.7442-0.3608i	0.0841-0.4203i	0.1184+0.0303i
46.2	15.5069-0.3139i	9.8389-0.8977i	0.1223+0.2178i	0.7886-0.0447i	-0.0236+0.3277i	0.7266-0.3812i	0.0182-0.4844i	0.1337-0.0795i
46.3	15.5446-0.2377i	10.1201-0.7790i	0.2588+0.3448i	0.7265-0.0654i	-0.0212+0.3374i	0.6976-0.3752i	-0.0552-0.4988i	0.2000-0.1339i
46.4	15.3321-0.7210i	9.9749-0.8099i	0.0750+0.2394i	0.7431-0.1186i	0.0236+0.2348i	0.7024-0.3523i	-0.0690-0.4599i	0.1070-0.1136i
46.5	16.0386+0.0562i	10.4824-0.7853i	0.2430+0.5149i	0.6803+0.0297i	0.0545+0.4178i	0.7212-0.3396i	-0.1481-0.4962i	0.1141-0.2278i
46.6	16.0771+0.2189i	10.7719-0.7761i	0.3240+0.4376i	0.6748+0.0221i	0.0595+0.4312i	0.7365-0.3387i	-0.1625-0.5161i	0.1352-0.2881i
46.7	16.0810-1.3218i	11.0385-0.9435i	0.2799+0.2427i	0.6611-0.0800i	0.1764+0.3928i	0.7702-0.3606i	-0.2481-0.5020i	-0.0057-0.3447i
46.8	16.9304+0.0677i	11.3320-0.5054i	0.5731+0.3002i	0.6406-0.0420i	0.2121+0.3948i	0.7810-0.3624i	-0.3249-0.4818i	-0.0855-0.3339i
46.9	17.3547+0.5191i	11.6994-0.3496i	0.5924+0.5368i	0.6168+0.0243i	0.1925+0.4173i	0.8049-0.3634i	-0.3437-0.4658i	-0.0715-0.3316i
47.0	17.1056+0.4301i	11.9807-0.3617i	0.4291+0.5246i	0.5797+0.0116i	0.1543+0.3107i	0.8145-0.3877i	-0.3227-0.4023i	-0.1157-0.2417i
47.1	18.0958+0.6782i	12.5251-0.4864i	-0.0543+0.6840i	0.4554+0.0910i	0.0264+0.3556i	0.8465-0.4008i	-0.2949-0.4452i	-0.0605-0.1948i
47.2	18.8577+1.0355i	12.7432-0.4296i	0.0877+0.3050i	0.4909+0.0197i	0.1233+0.2969i	0.8536-0.4392i	-0.3514-0.4348i	-0.1132-0.1221i
47.3	18.8362+0.8722i	12.9599-0.4326i	0.5393+0.4631i	0.6246+0.0086i	0.2236+0.2887i	0.8692-0.4785i	-0.3590-0.3998i	-0.0708-0.0919i
47.4	19.0363+0.1340i	13.2852-0.7477i	0.5811+0.5834i	0.6474+0.0022i	0.3050+0.2970i	0.8656-0.5787i	-0.4203-0.4058i	-0.0254-0.1455i
47.5	19.3355-0.3127i	13.4810-0.8611i	0.5659+0.5535i	0.5971-0.0318i	0.3332+0.2938i	0.8133-0.6074i	-0.4937-0.4203i	-0.0219-0.2139i
47.6	19.5398-0.9189i	13.7016-0.9632i	0.7678+0.4758i	0.6095-0.0471i	0.3931+0.2763i	0.7722-0.6006i	-0.5462-0.3791i	-0.0576-0.2805i
47.7	19.8118-0.1390i	14.0096-0.6959i	0.4647+0.6820i	0.4684+0.0033i	0.3273+0.2625i	0.7436-0.5738i	-0.5928-0.3386i	-0.0802-0.3072i
47.8	19.2104-1.3106i	14.0784-0.9195i	0.7579+0.2868i	0.5450-0.0166i	0.4497+0.1418i	0.7518-0.6042i	-0.5980-0.2200i	-0.1125-0.2190i
47.9	19.4455+0.0690i	14.2994-0.6087i	0.6462-0.0410i	0.5701-0.0662i	0.4074-0.0456i	0.6984-0.6089i	-0.5669-0.1269i	-0.1524-0.2255i
48.0	19.8891-0.1206i	14.9439-0.6469i	0.5198+0.3903i	0.4996-0.0050i	0.3672+0.0123i	0.7083-0.6273i	-0.5696-0.1161i	-0.1703-0.2582i
48.1	18.9608-0.5275i	14.7778-0.7867i	0.8754-0.0106i	0.5199-0.0858i	0.4746-0.1108i	0.6374-0.6184i	-0.6118-0.0286i	-0.2820-0.2499i
48.2	20.1713-0.1882i	15.3902-0.6903i	0.8179+0.4649i	0.5197+0.0890i	0.4395+0.0387i	0.7226-0.5930i	-0.5982-0.0631i	-0.2736-0.2536i
48.3	20.7410-0.3060i	15.7018-0.9614i	1.0425+0.5318i	0.5548+0.1165i	0.4758+0.0372i	0.7012-0.6464i	-0.6088-0.0599i	-0.2548-0.2816i
48.4	21.9826-0.8255i	16.0857-0.9050i	1.2376+0.4554i	0.6018+0.0502i	0.5000-0.0511i	0.6553-0.6243i	-0.6394+0.0035i	-0.3431-0.3036i
48.5	21.6866-1.5484i	16.2977-0.9369i	0.8635+0.2530i	0.4866-0.0027i	0.3881-0.1156i	0.6595-0.5936i	-0.5856+0.0376i	-0.3458-0.2667i
48.6	22.1741-1.5739i	16.7714-1.1308i	0.8993+0.3020i	0.4917+0.0760i	0.3793-0.1488i	0.6630-0.5859i	-0.5622+0.0951i	-0.3983-0.2330i
48.7	22.4354-0.7146i	17.2674-0.7837i	0.8287+0.6746i	0.4229+0.1532i	0.3315-0.0780i	0.7328-0.5482i	-0.5450+0.0578i	-0.4314-0.2330i
48.8	21.6488-0.5502i	17.2606-0.6332i	1.0598+0.1080i	0.4873+0.0667i	0.3717-0.2273i	0.7565-0.5953i	-0.5122+0.1329i	-0.5134-0.0391i
48.9	22.3505-1.3128i	17.5091-0.9423i	0.8919+0.0560i	0.4816+0.0290i	0.3259-0.2512i	0.7059-0.6404i	-0.5099+0.1260i	-0.4097+0.0368i
49.0	23.2688-1.1020i	18.2435-0.9162i	0.5841+0.5807i	0.3855+0.1505i	0.2703-0.1545i	0.7119-0.6455i	-0.5532+0.1016i	-0.2788-0.0583i
49.1	23.4780-0.7256i	18.3826-0.5720i	0.7812+0.5454i	0.4420+0.1940i	0.2824-0.1931i	0.6722-0.6143i	-0.5433+0.1878i	-0.2672-0.1415i
49.2	22.3097-0.5190i	18.2069-0.6031i	0.7091+0.0089i	0.4602+0.1368i	0.1742-0.3445i	0.6734-0.5422i	-0.3909+0.2742i	-0.3595-0.0649i
49.3	22.1446-0.6429i	18.6982-0.6874i	0.7568+0.0325i	0.4014+0.1376i	0.1678-0.3628i	0.7242-0.5880i	-0.3714+0.3069i	-0.4279+0.0213i
49.4	24.0471-1.7101i	19.7723-1.0125i	1.0150+0.2050i	0.4970+0.1718i	0.2090-0.3323i	0.7742-0.6933i	-0.3789+0.2905i	-0.4331+0.0764i
49.5	25.1429-0.9406i	20.0835-0.8631i	0.5640+0.6397i	0.4652+0.2098i	0.1421-0.2182i	0.7343-0.6989i	-0.3990+0.1551i	-0.2680+0.0067i
49.6	24.3271+0.0494i	19.9845-0.7159i	0.7589+0.7622i	0.4168+0.2732i	0.1411-0.2604i	0.7129-0.6553i	-0.3885+0.2245i	-0.2975-0.0528i
49.7	25.6820-0.9855i	20.7763-0.9587i	1.0046+1.7061i	0.5580+0.4472i	0.1715-0.1431i	0.7704-0.7280i	-0.3740+0.2297i	-0.4196-0.0816i

49.8	25.2556-0.9529i	20.9604-0.8733i	0.6645+0.8825i	0.5313+0.2815i	0.0507-0.2341i	0.7608-0.7505i	-0.2597+0.2039i	-0.3938+0.0898i
49.9	25.3779-1.2578i	21.1869-1.1495i	1.0456+0.2536i	0.5292+0.1708i	0.0863-0.3597i	0.6341-0.7532i	-0.2862+0.2595i	-0.2596+0.1521i
50.0	25.9474+0.1321i	21.5441-0.6247i	0.0811-0.1666i	0.3986+0.1615i	-0.1776-0.3681i	0.6770-0.5448i	-0.1333+0.2502i	-0.1946-0.0272i
50.1	26.3663-0.3754i	22.2174-0.6828i	0.0510-0.2293i	0.4082+0.1546i	-0.2038-0.3779i	0.7865-0.5856i	-0.0917+0.2505i	-0.3389+0.0608i
50.2	26.5039-0.6645i	22.6579-1.0538i	0.8346+0.1348i	0.4753+0.2202i	-0.0619-0.3550i	0.7884-0.7326i	-0.1705+0.2687i	-0.4469+0.1674i
50.3	26.8455-0.6506i	23.0693-1.0560i	0.5239+0.1877i	0.4064+0.2268i	-0.1142-0.3312i	0.8001-0.7872i	-0.1555+0.2469i	-0.3913+0.2283i
50.4	26.6473-1.1902i	23.4601-1.2399i	0.2243-0.4215i	0.3251+0.1520i	-0.1908-0.4609i	0.7025-0.7778i	-0.1259+0.3326i	-0.2793+0.3049i
50.5	27.4352-0.5596i	23.6559-1.2699i	0.5913-0.0659i	0.4276+0.2554i	-0.1609-0.4003i	0.6415-0.7814i	-0.1106+0.3204i	-0.2349+0.2431i
50.6	27.0725+0.4414i	23.7094-1.1720i	0.9405-0.5002i	0.5059+0.1771i	-0.1829-0.4768i	0.6071-0.7525i	-0.0383+0.3446i	-0.2966+0.2689i
50.7	27.6805-0.3532i	24.3362-1.2388i	0.6262-0.4504i	0.4405+0.1902i	-0.2324-0.4057i	0.6860-0.8137i	-0.0134+0.2854i	-0.3330+0.3306i
50.8	27.9837-1.6181i	24.7273-1.4850i	0.5348-0.5522i	0.4047+0.1133i	-0.2610-0.4083i	0.5995-0.8655i	0.0123+0.2677i	-0.2039+0.4071i
50.9	29.0564-2.4445i	25.2380-1.8838i	1.1761+0.5884i	0.4548+0.2455i	-0.1000-0.2575i	0.5085-0.9108i	-0.1774+0.1868i	-0.1834+0.4167i
51.0	29.4559-1.4708i	25.8932-1.8134i	2.0087+0.3255i	0.4990+0.3422i	-0.0155-0.3660i	0.4533-0.8536i	-0.2287+0.3296i	-0.1387+0.3932i
51.1	28.9531-1.8930i	26.0072-2.0493i	2.2059-0.0278i	0.5198+0.2867i	-0.0026-0.4251i	0.4493-0.9023i	-0.2076+0.3711i	-0.1149+0.4335i
51.2	28.5592-3.0129i	25.9521-2.5579i	1.4387-0.0886i	0.3789+0.3405i	-0.1474-0.4189i	0.2600-0.8291i	-0.1219+0.3678i	0.1322+0.2125i
51.3	29.1518-2.2563i	26.2645-2.2454i	1.3872+0.8317i	0.4541+0.5028i	-0.1222-0.2485i	0.3396-0.6243i	-0.1639+0.2522i	-0.0272-0.1167i
51.4	29.8957-1.3609i	26.8812-1.7628i	1.6388+1.0077i	0.5420+0.5260i	-0.1073-0.2382i	0.5447-0.5733i	-0.1473+0.2727i	-0.3047-0.1013i
51.5	31.1176+0.0236i	27.9110-1.3824i	1.1282+0.2498i	0.5268+0.4590i	-0.2688-0.2980i	0.7629-0.6465i	0.0316+0.2888i	-0.4357+0.1704i
51.6	31.7167-0.8596i	28.8041-1.6099i	-0.2243+0.0929i	0.3441+0.3847i	-0.5087-0.2060i	0.8852-0.7795i	0.2243+0.1515i	-0.2660+0.3416i
51.7	32.3659-2.5917i	29.4487-2.3358i	-0.4476+0.6553i	0.3085+0.4188i	-0.5124-0.1006i	0.8458-0.9368i	0.2039+0.0546i	-0.1537+0.3858i
51.8	32.6453-3.9349i	29.6697-2.6850i	0.6144+1.1141i	0.3857+0.4266i	-0.3128-0.0935i	0.6852-1.0426i	0.0377+0.0665i	-0.0573+0.3880i
51.9	33.3362-3.3632i	29.9255-2.5865i	0.2074+0.5845i	0.3485+0.4629i	-0.3916-0.1272i	0.5995-0.9605i	0.0926+0.0949i	0.0111+0.3116i
52.0	34.1402-3.8406i	30.4877-3.3408i	0.2974+0.0582i	0.4280+0.4517i	-0.4829-0.1908i	0.5139-0.9389i	0.1963+0.1015i	0.0744+0.3594i
52.1	33.8035-4.0363i	30.6297-3.9810i	1.3359-0.1952i	0.5231+0.4653i	-0.4190-0.3009i	0.3194-0.8784i	0.1358+0.2239i	0.1920+0.3375i
52.2	34.2148-3.7579i	30.9431-3.8422i	0.7993+1.0280i	0.4812+0.7143i	-0.4407-0.1025i	0.3555-0.8266i	0.1145+0.0974i	0.1855+0.0775i
52.3	33.1410-3.2316i	30.9197-3.5745i	0.3202+0.1488i	0.4670+0.6613i	-0.6052-0.1474i	0.5073-0.6615i	0.3446+0.1091i	0.0579+0.0817i
52.4	33.8598-2.8517i	31.6572-3.5292i	0.6314-0.5735i	0.4673+0.5965i	-0.6469-0.2228i	0.5880-0.6483i	0.4044+0.1366i	-0.0256+0.2173i
52.5	33.2679-4.5577i	31.6853-4.2613i	1.2497+0.3399i	0.5260+0.6939i	-0.5070-0.1559i	0.4697-0.7967i	0.2151+0.1163i	0.0625+0.3422i
52.6	33.1063-4.4398i	31.6109-4.2272i	0.6674+1.7771i	0.5626+0.8222i	-0.4539+0.1200i	0.4422-0.8217i	0.0669-0.1556i	0.1895+0.2405i
52.7	33.7616-2.8612i	32.4440-3.5808i	-0.3815-0.0672i	0.5359+0.7596i	-0.7909+0.0922i	0.7410-0.5829i	0.5119-0.1870i	0.1744-0.0263i
52.8	34.9143-2.0352i	33.0914-3.4207i	-0.4147-0.7208i	0.5856+0.6118i	-0.9018+0.0925i	0.9844-0.6400i	0.6694-0.2414i	-0.0155+0.0024i
52.9	36.1603-3.3418i	34.2911-3.6438i	0.3179+0.4163i	0.6049+0.6424i	-0.6745+0.2416i	0.9595-0.9849i	0.3838-0.3804i	-0.0039+0.2816i
53.0	36.2341-5.2938i	34.7060-4.5537i	0.6590+2.0816i	0.6340+0.7474i	-0.4396+0.4602i	0.8112-1.2279i	0.0525-0.5637i	0.1136+0.2493i
53.1	35.5556-5.4769i	34.5093-4.9951i	2.8847+2.3640i	0.7452+0.7285i	-0.0777+0.3637i	0.5159-1.2575i	-0.3438-0.3937i	0.0711+0.1252i
53.2	38.2843-3.9319i	35.9866-4.5625i	1.7040+1.2072i	0.6545+0.7831i	-0.3038+0.4201i	0.6466-1.3328i	-0.1238-0.5279i	0.1031+0.1136i
53.3	38.5735-4.2175i	36.3873-4.5754i	0.7844+2.0154i	0.5463+0.8566i	-0.2207+0.6261i	0.6009-1.4721i	-0.3711-0.7554i	0.1239+0.1085i
53.4	38.3796-4.4357i	36.3896-4.8315i	1.5368+1.3294i	0.6004+0.8856i	-0.1270+0.4695i	0.3967-1.3803i	-0.4728-0.5194i	0.1899+0.1075i
53.5	37.8783-4.8849i	36.6751-4.8813i	1.2215+0.1493i	0.7086+0.9189i	-0.2792+0.3816i	0.4856-1.1374i	-0.1726-0.3673i	0.2037+0.0029i
53.6	38.7686-5.4159i	37.5507-4.8204i	1.6444+0.4735i	0.7290+0.8311i	-0.1644+0.3297i	0.5976-1.2192i	-0.3064-0.2623i	0.0964+0.0504i
53.7	39.8647-3.7126i	38.2271-4.5681i	1.5051+1.2981i	0.7239+0.9290i	-0.0225+0.4519i	0.5108-1.4535i	-0.5610-0.4024i	0.1290+0.0860i
53.8	41.7137-3.4861i	39.3977-5.1669i	2.8802+2.2956i	0.8518+1.0563i	0.2899+0.3929i	0.2804-1.6015i	-0.9571-0.2410i	0.1254+0.0963i
53.9	41.7968-5.4477i	40.0406-6.2230i	3.5428+0.9517i	0.8855+1.0270i	0.2216+0.1358i	0.1023-1.5638i	-0.8120+0.1280i	0.1652+0.1081i
54.0	40.3676-5.9842i	39.5079-6.4063i	3.0844+0.6272i	0.9278+1.1043i	0.1282+0.1087i	-0.0483-1.3878i	-0.6722+0.2538i	0.1579+0.0395i
54.1	41.0150-4.4807i	40.2486-5.3364i	2.2749+0.9869i	0.9823+1.1043i	0.1033+0.2854i	0.2213-1.4302i	-0.5832-0.0148i	0.0779+0.0500i
54.2	42.6874-6.9558i	41.5452-6.2601i	1.4763+1.4085i	0.9755+1.0665i	0.2482+0.4483i	0.1749-1.7523i	-0.7846-0.2288i	0.2261+0.0967i
54.3	42.6489-7.9375i	41.7635-6.9429i	2.1569+2.2303i	1.1063+1.0740i	0.5221+0.3596i	-0.1985-1.8017i	-1.1313-0.0687i	0.2579-0.0275i
54.4	42.2212-6.9509i	42.1529-6.3923i	1.9105+0.3591i	1.0497+0.9757i	0.2887+0.2143i	-0.2011-1.7128i	-0.7798+0.0430i	0.3065-0.0870i
54.5	42.5342-7.0010i	42.1854-6.7869i	2.1816-0.1558i	1.1154+0.9319i	0.2132+0.0498i	-0.2872-1.4844i	-0.6366+0.2702i	0.2707-0.1706i
54.6	43.2520-7.4451i	42.1468-7.0648i	3.1557+0.3503i	1.2692+0.8446i	0.2422-0.1230i	-0.2825-1.2804i	-0.6136+0.5363i	0.0308-0.1650i
54.7	44.4838-6.2032i	43.6352-6.6680i	2.1640+0.5281i	1.2372+0.8242i	0.2679+0.1100i	-0.1059-1.5392i	-0.6503+0.1529i	-0.1024+0.0359i
54.8	44.8765-6.9167i	44.3676-7.2959i	2.6791-0.6073i	1.2552+0.7118i	0.1176-0.0877i	-0.1883-1.5500i	-0.3778+0.3789i	0.1062+0.1702i
54.9	45.9775-9.5836i	44.9370-8.5418i	2.4647-0.8935i	1.3190+0.6649i	0.0829-0.2331i	-0.4850-1.5069i	-0.3226+0.5728i	0.2932+0.0663i
55.0	45.9664-10.0063i	45.3805-8.8760i	2.0829-0.3012i	1.2604+0.6891i	0.1477-0.2480i	-0.6729-1.4422i	-0.4322+0.6023i	0.3318-0.0237i
55.1	44.7762-8.8523i	45.3085-8.5544i	1.7055-0.4927i	1.1634+0.6939i	0.0467-0.2576i	-0.7048-1.3193i	-0.2981+0.5856i	0.3371-0.0761i
55.2	45.1634-7.5858i	45.8408-7.9631i	1.2108-1.5898i	1.1037+0.6458i	-0.1520-0.1563i	-0.6776-1.3356i	-0.0281+0.3494i	0.3894-0.1121i
55.3	47.3911-8.0913i	46.8261-7.7033i	-0.1349-2.0083i	1.0356+0.6214i	-0.1813+0.0381i	-0.7138-1.3284i	-0.0609+0.0101i	0.4089-0.1997i
55.4	47.3102-7.2259i	47.6633-7.8669i	-0.7190-1.1223i	1.0374+0.7363i	-0.1292+0.1172i	-0.7832-1.1633i	-0.1472-0.1056i	0.3353-0.3157i
55.5	47.6416-7.5550i	48.4709-7.9664i	0.6450+0.3551i	1.1277+0.7816i	-0.0259-0.1003i	-0.7102-1.0199i	-0.2653+0.3148i	0.2341-0.2527i
55.6	49.0777-7.8026i	49.3624-8.3083i	0.9595+0.5403i	1.1402+0.8191i	0.0006-0.1884i	-0.7849-1.0905i	-0.3282+0.4477i	0.3009-0.2019i
55.7	48.9352-8.6962i	49.5155-9.0561i	1.6084-0.3703i	1.1384+0.8474i	-0.1643-0.2469i	-0.9308-0.9072i	-0.0790+0.5357i	0.3400-0.2799i
55.8	48.6772-9.6117i	49.5191-9.4003i	1.1644-0.9052i	1.1195+0.8340i	-0.2370-0.1540i	-0.9933-0.8588i	0.0335+0.4050i	0.3103-0.3609i
55.9	49.9441-9.3848i	50.5969-9.1577i	0.9986-0.8639i	1.1549+0.8582i	-0.2517-0.1279i	-0.9571-0.6986i	0.0803+0.3842i	0.2839-0.4092i
56.0	49.9227-7.3041i	51.7092-7.9388i	0.7715-0.8190i	1.1335+0.8712i	-0.2600-0.0494i	-0.7356-0.6241i	0.1057+0.2508i	0.1786-0.4449i

56.1	50.4025-7.6913i	52.7357-8.5139i	1.2237-0.6049i	1.1525+0.8462i	-0.2394-0.0761i	-0.6147-0.7584i	0.0905+0.2748i	0.1307-0.3904i
56.2	52.0023-9.4877i	54.0905-10.2613i	0.5051+0.2688i	1.1672+1.0039i	-0.1234-0.1039i	-0.9657-0.8038i	-0.1391+0.3738i	0.1932-0.3674i
56.3	52.2225-10.7080i	54.2571-11.1003i	0.3602-0.3149i	1.2320+0.9979i	-0.1882-0.1145i	-1.1094-0.6922i	-0.0326+0.3677i	0.2296-0.3962i
56.4	51.9193-11.7942i	54.0683-11.0338i	-0.0125-1.6620i	1.2366+0.8670i	-0.2756-0.0374i	-1.1127-0.5924i	0.1275+0.1939i	0.2529-0.4389i
56.5	52.1346-10.0357i	55.2059-10.7642i	0.3230-1.3677i	1.2673+1.0263i	-0.3004-0.0421i	-1.1420-0.4559i	0.1914+0.2409i	0.2448-0.5228i
56.6	53.8883-9.7965i	56.4615-11.3076i	1.6094+0.0444i	1.4527+1.0720i	-0.2711-0.1549i	-1.1737-0.3057i	0.1874+0.4862i	0.2088-0.5616i
56.7	55.1546-10.3242i	56.5669-11.3789i	1.1214+0.3871i	1.5324+0.9909i	-0.2190-0.1456i	-1.1631-0.2155i	0.0900+0.4308i	0.1478-0.5818i
56.8	56.9794-11.3665i	58.0144-11.9124i	0.6156-0.3655i	1.6174+0.9574i	-0.2624-0.1030i	-1.1371-0.1221i	0.1855+0.3141i	0.1210-0.5996i
56.9	54.9132-11.1151i	58.0949-12.0779i	1.7989+0.2816i	1.6177+0.9775i	-0.2971-0.1793i	-1.0412+0.0574i	0.2723+0.4892i	0.0908-0.6137i
57.0	56.7863-11.6581i	59.1287-12.3896i	2.4989+1.1731i	1.7305+0.9534i	-0.3105-0.2401i	-0.9883+0.2108i	0.2735+0.6028i	0.0496-0.6525i
57.1	59.9780-11.7604i	61.4292-13.2182i	1.9767+1.0539i	1.8249+0.9619i	-0.3166-0.1859i	-0.8623+0.2287i	0.2522+0.4557i	-0.0125-0.6655i
57.2	60.9177-10.3261i	63.0591-12.8500i	2.1172+0.0169i	1.7496+0.9817i	-0.3099-0.1529i	-0.6825+0.0533i	0.2876+0.3339i	-0.0821-0.5622i
57.3	59.6769-9.4296i	62.6415-11.9794i	2.5936-1.5090i	1.7032+0.9904i	-0.4170-0.1461i	-0.7032+0.0142i	0.4749+0.3152i	-0.0492-0.5352i
57.4	59.2369-11.2403i	63.1872-12.8524i	1.5984-0.3355i	1.6632+0.9353i	-0.3811-0.1443i	-0.8182+0.0537i	0.3582+0.2938i	-0.0575-0.5408i
57.5	60.3878-12.2876i	64.2807-13.8497i	1.6905-0.4954i	1.7264+0.9105i	-0.3932-0.1620i	-0.9344+0.0684i	0.4024+0.3232i	0.0317-0.5463i
57.6	60.9676-12.7782i	64.8922-14.5816i	0.8447-0.4194i	1.7750+0.9235i	-0.3802-0.1151i	-0.9999+0.1803i	0.3427+0.2136i	0.0512-0.6233i
57.7	62.8801-12.5656i	66.8492-14.5747i	0.2840+0.9083i	1.7850+0.9963i	-0.3395-0.1261i	-1.0038+0.2921i	0.1974+0.2324i	0.0271-0.7148i
57.8	62.9702-13.6700i	67.4512-15.2125i	0.2753+0.6550i	1.7896+0.9112i	-0.3657-0.0940i	-0.8982+0.3506i	0.2375+0.1852i	-0.0008-0.7469i
57.9	65.0781-13.6765i	68.8394-15.4125i	0.1870+0.0540i	1.8916+0.8805i	-0.4031-0.0702i	-0.8383+0.4178i	0.2816+0.1174i	-0.0205-0.7545i
58.0	65.9767-13.4786i	69.3271-16.1641i	0.8566-0.1487i	2.0266+0.8665i	-0.4454-0.0795i	-0.8124+0.4832i	0.3361+0.1102i	-0.0709-0.7769i
58.1	64.1482-13.8890i	69.5931-16.5187i	1.6753-1.5891i	1.9311+0.8021i	-0.5239-0.0373i	-0.7053+0.5313i	0.5476+0.0344i	-0.1271-0.7504i
58.2	67.4261-13.3209i	71.7336-16.5588i	1.6707-1.5518i	1.9572+0.7388i	-0.5282-0.0173i	-0.6304+0.5671i	0.5274+0.0234i	-0.1471-0.7397i
58.3	68.3528-15.0697i	72.5393-17.4733i	1.1719-1.5147i	1.9966+0.6831i	-0.5112+0.0065i	-0.6176+0.5576i	0.4277-0.0040i	-0.0934-0.7958i
58.4	67.7643-14.7906i	73.4170-17.4104i	0.8379-2.1710i	1.9588+0.7617i	-0.5221+0.0299i	-0.5985+0.5603i	0.4757-0.0763i	-0.1426-0.8473i
58.5	69.1127-15.2715i	74.7999-18.6756i	1.5748-1.3981i	2.0183+0.7563i	-0.5479+0.0197i	-0.5827+0.6509i	0.4954+0.0049i	-0.1890-0.8809i
58.6	73.1686-17.6088i	77.6633-20.0030i	1.6030-1.1969i	2.1085+0.6979i	-0.5770+0.0410i	-0.5998+0.7594i	0.4905+0.0630i	-0.2604-0.9597i
58.7	74.7855-16.7619i	79.5409-19.5161i	0.4997-0.9649i	2.1305+0.7082i	-0.5524+0.0492i	-0.6244+0.7859i	0.3947+0.0237i	-0.2769-1.0088i
58.8	75.7414-18.9634i	80.3283-22.1086i	0.6120-0.7288i	2.2412+0.6712i	-0.5547+0.0839i	-0.5982+0.8092i	0.4062+0.0085i	-0.2961-1.0415i
58.9	77.1165-19.9642i	81.8246-22.9773i	2.3110-0.8115i	2.2791+0.6485i	-0.6028+0.0872i	-0.5311+0.8972i	0.5788+0.1184i	-0.3352-1.0863i
59.0	76.7263-19.7013i	81.8842-23.4340i	1.6879+0.1126i	2.3011+0.6473i	-0.5821+0.1113i	-0.5221+0.9448i	0.5229+0.1089i	-0.4248-1.1247i
59.1	78.0555-19.2365i	83.7866-22.9245i	0.9229-0.4104i	2.3280+0.5868i	-0.5650+0.1390i	-0.4991+0.9877i	0.4994+0.0152i	-0.5047-1.1292i
59.2	81.7500-21.3788i	87.0679-24.7919i	0.2337-1.0776i	2.2667+0.5085i	-0.5702+0.1812i	-0.4666+1.0196i	0.4565-0.0804i	-0.5633-1.1137i
59.3	81.8604-21.5702i	88.7903-25.1394i	0.9928-1.5028i	2.2247+0.5792i	-0.5876+0.1909i	-0.4205+1.0804i	0.5923-0.0434i	-0.6006-1.1292i
59.4	82.0698-24.8739i	89.3571-28.1469i	2.2024-1.4134i	2.3013+0.5251i	-0.5897+0.2022i	-0.3169+1.1771i	0.7083+0.0136i	-0.6813-1.1370i
59.5	83.2323-25.9540i	90.4007-29.0058i	1.7847-0.2827i	2.3110+0.5068i	-0.5637+0.2015i	-0.2747+1.2195i	0.6221+0.0497i	-0.7575-1.1319i
59.6	87.4076-27.7774i	93.6266-32.1692i	2.7030-1.4835i	2.4486+0.5000i	-0.5971+0.2471i	-0.1517+1.2203i	0.7874-0.0881i	-0.8238-1.0910i
59.7	87.6579-25.6175i	94.8917-30.4029i	1.7691-1.3395i	2.3260+0.4114i	-0.5662+0.2439i	-0.1625+1.2591i	0.6750-0.1193i	-0.8715-1.1450i
59.8	88.6967-27.1947i	96.8207-31.6094i	0.1041+0.3169i	2.3452+0.3819i	-0.5254+0.2566i	-0.2040+1.3246i	0.5458-0.0922i	-0.8953-1.2038i
59.9	89.8773-29.0976i	96.9653-33.5034i	0.5286+0.8431i	2.3692+0.3438i	-0.5329+0.2552i	-0.1136+1.3949i	0.5598-0.0422i	-0.9851-1.2165i
60.0	89.5600-32.7220i	97.2336-37.2079i	0.8608+2.1414i	2.3556+0.3243i	-0.5027+0.2674i	-0.0019+1.4718i	0.5339+0.0163i	-1.0771-1.1564i
60.1	91.2150-35.8723i	98.6891-41.2746i	1.3678-0.5403i	2.4281+0.2717i	-0.5217+0.3170i	0.1285+1.4273i	0.6760-0.2126i	-1.1731-1.1119i
60.2	94.8931-36.7702i	101.8948-41.8982i	0.7110-0.7312i	2.4412+0.2549i	-0.5355+0.3226i	0.1228+1.4604i	0.6484-0.2568i	-1.2122-1.1731i
60.3	97.8394-37.4882i	104.9733-42.4731i	0.5870-0.1110i	2.4993+0.2539i	-0.5295+0.3208i	0.1466+1.5146i	0.6528-0.2525i	-1.3032-1.1920i
60.4	97.4530-39.0790i	104.9630-44.4476i	1.5850-0.6704i	2.5224+0.1962i	-0.5258+0.3316i	0.2583+1.5168i	0.7630-0.3180i	-1.4035-1.1167i
60.5	99.6533-40.3072i	106.4064-47.0487i	2.5569-0.0608i	2.5758+0.1970i	-0.5324+0.3251i	0.3352+1.6024i	0.7775-0.2721i	-1.5070-1.0781i
60.6	98.1836-43.4098i	106.0533-47.6220i	2.1438-1.7646i	2.4799+0.0468i	-0.5444+0.3425i	0.3987+1.6020i	0.8213-0.3924i	-1.5769-1.0332i
60.7	100.1417-45.8290i	109.2373-51.2172i	1.1009-1.7981i	2.4584+0.0562i	-0.5479+0.3791i	0.4495+1.6580i	0.8037-0.4870i	-1.6489-1.0019i
60.8	102.2786-47.1356i	110.4160-53.7389i	0.5935+0.1040i	2.5055+0.0662i	-0.5162+0.3920i	0.5131+1.6928i	0.6336-0.4683i	-1.7116-0.9548i
60.9	102.9034-48.1996i	110.8739-56.0612i	-0.3085+0.3842i	2.5186+0.1126i	-0.5011+0.4140i	0.4992+1.6911i	0.5757-0.5355i	-1.7280-0.9290i
61.0	104.4050-52.5377i	113.4934-58.7808i	-0.7980-0.7109i	2.3921-0.0166i	-0.5001+0.4270i	0.5999+1.7401i	0.6047-0.6012i	-1.8028-0.8907i
61.1	104.9748-57.1751i	113.6708-63.5205i	0.7562+0.3531i	2.5092-0.0860i	-0.4947+0.4440i	0.7828+1.8048i	0.6807-0.5396i	-1.9322-0.8569i
61.2	102.8136-56.8642i	112.2200-63.8541i	-0.1646+0.3730i	2.4973-0.1295i	-0.4718+0.4510i	0.8466+1.7595i	0.6220-0.6314i	-1.9540-0.8064i
61.3	105.5964-56.7419i	114.2205-64.6511i	-1.5420+0.3034i	2.5766-0.1216i	-0.4620+0.4619i	0.8669+1.7335i	0.5453-0.7468i	-1.9682-0.7676i
61.4	106.9364-60.6654i	115.5250-69.1241i	-0.3258+0.0120i	2.5787-0.1353i	-0.4734+0.4723i	1.0352+1.7561i	0.6100-0.7842i	-2.1065-0.6645i
61.5	109.5525-64.8040i	118.2627-73.9599i	0.0357+0.8641i	2.5429-0.1466i	-0.4858+0.4915i	1.1216+1.8505i	0.6224-0.7927i	-2.2641-0.6801i
61.6	106.2280-63.4470i	116.7818-73.7455i	-0.7625+1.0892i	2.4214-0.0648i	-0.4720+0.4926i	1.1427+1.8037i	0.5521-0.8445i	-2.2970-0.5834i
61.7	104.8678-67.1460i	115.3523-78.3915i	-0.5916+2.2110i	2.5163-0.0022i	-0.4440+0.5159i	1.2659+1.7890i	0.4801-0.8443i	-2.4020-0.4585i
61.8	105.8228-73.7060i	117.3881-84.2997i	0.9530+2.9802i	2.4931-0.0187i	-0.4344+0.5364i	1.4082+1.8471i	0.5200-0.7944i	-2.5173-0.3506i
61.9	107.1036-74.8831i	119.0247-85.0551i	0.4652+1.2893i	2.4618-0.0896i	-0.4432+0.5444i	1.4322+1.8193i	0.5583-0.9259i	-2.5232-0.2619i
62.0	108.7727-77.8119i	119.9554-89.1051i	-0.4488+1.5495i	2.5743-0.1534i	-0.4372+0.5682i	1.5242+1.8170i	0.4850-0.9983i	-2.5936-0.1548i
62.1	106.1761-81.2048i	117.6230-92.5690i	-1.2049+1.8326i	2.5810-0.1920i	-0.4151+0.5746i	1.5670+1.7841i	0.3813-1.0487i	-2.5851-0.0721i
62.2	108.1715-85.7483i	118.9295-97.3500i	-0.6227+3.0961i	2.5860-0.2090i	-0.4071+0.5882i	1.7140+1.8240i	0.3632-1.0248i	-2.7079+0.0265i
62.3	104.5713-87.2504i	116.0261-97.4081i	2.2343+4.1138i	2.4809-0.2881i	-0.3861+0.5684i	1.8457+1.8133i	0.4080-0.8979i	-2.8001+0.1843i

62.4	101.6963-88.7327i	113.6088-101.1403i	2.9213+3.2000i	2.5248-0.2384i	-0.3694+0.5842i	1.9388+1.7601i	0.4735-1.0030i	-2.7956+0.3437i
62.5	104.9156-95.6535i	114.8386-107.3788i	-0.5220+2.3606i	2.6995-0.4190i	-0.3444+0.6314i	1.9692+1.7936i	0.2745-1.2048i	-2.8293+0.4486i
62.6	109.8498-101.6482i	118.9262-114.1911i	-1.6715+3.5414i	2.7992-0.4109i	-0.3692+0.6715i	2.0987+1.8715i	0.1783-1.2491i	-2.9286+0.5037i
62.7	112.7021-105.5059i	120.8711-117.5221i	-2.0954+4.1965i	2.8792-0.4531i	-0.3689+0.6864i	2.2018+1.8849i	0.0992-1.2394i	-2.9342+0.6514i
62.8	108.9020-100.5986i	118.4371-113.9260i	-0.4738+2.3508i	2.7570-0.3183i	-0.3392+0.6482i	2.2283+1.7703i	0.2248-1.2457i	-2.8050+0.8247i
62.9	103.7606-105.6859i	111.6836-119.7832i	3.4547+5.1192i	2.8616-0.4389i	-0.2939+0.6578i	2.4256+1.6928i	0.1994-1.0899i	-2.7940+1.0143i
63.0	102.6516-109.1176i	110.7931-123.8476i	5.2370+4.1899i	2.8804-0.4992i	-0.2751+0.6770i	2.6311+1.6566i	0.2410-1.1563i	-2.8141+1.2421i
63.1	105.9330-112.3984i	115.0956-129.0097i	0.3301+4.3587i	2.8956-0.5136i	-0.2684+0.7170i	2.6562+1.7371i	-0.0559-1.4057i	-2.8170+1.3311i
63.2	99.5870-116.8590i	109.6218-133.8265i	3.8382+6.3471i	2.9029-0.5857i	-0.2176+0.7183i	2.8857+1.6605i	-0.0022-1.2316i	-2.7315+1.4942i
63.3	96.2338-119.5427i	106.6504-136.3516i	4.7573+6.5554i	2.8450-0.7205i	-0.1899+0.7201i	2.9950+1.5995i	-0.0160-1.2813i	-2.7115+1.6314i
63.4	91.5707-120.6661i	103.0811-137.5040i	4.0433+4.3957i	2.7812-0.7777i	-0.1665+0.7158i	3.0284+1.4993i	-0.0769-1.4456i	-2.6220+1.7739i
63.5	95.1956-126.0504i	104.7081-142.6978i	4.6419+3.2376i	2.9333-0.8276i	-0.1673+0.7230i	3.1686+1.4753i	-0.0831-1.5114i	-2.6300+1.8358i
63.6	95.3570-124.0145i	104.4349-140.4341i	4.8873+2.3724i	2.9033-0.8928i	-0.1603+0.7022i	3.2213+1.4123i	-0.0864-1.5149i	-2.5520+1.8678i
63.7	92.7126-129.6245i	102.2371-146.9454i	4.8700+3.6822i	2.8642-0.9300i	-0.1333+0.7209i	3.4444+1.3651i	-0.2201-1.5120i	-2.5483+2.0586i
63.8	91.8869-134.1463i	101.8829-151.5128i	2.2069+1.4482i	2.8375-0.9698i	-0.1240+0.7377i	3.4836+1.3324i	-0.3221-1.7111i	-2.4594+2.1362i
63.9	89.0804-134.3845i	99.7224-152.5003i	1.7426+3.4272i	2.8193-1.0182i	-0.0853+0.7244i	3.5799+1.3148i	-0.4953-1.6563i	-2.3687+2.2358i
64.0	87.9563-137.7713i	97.7797-157.7409i	3.5089+2.7586i	2.8805-1.0156i	-0.0595+0.7165i	3.8091+1.1642i	-0.5285-1.6930i	-2.3584+2.4172i
64.1	85.8432-140.4230i	93.7083-159.7402i	4.8053+1.6196i	2.8825-1.1789i	-0.0463+0.7165i	3.8285+1.0184i	-0.5239-1.6871i	-2.2546+2.4984i
64.2	78.7716-140.9262i	87.5636-159.1202i	7.5104+0.7958i	2.7485-1.2701i	-0.0145+0.6787i	3.9315+0.8658i	-0.4541-1.6215i	-2.0795+2.5252i
64.3	77.2245-140.7058i	84.4803-162.3238i	6.7810+2.6578i	2.7303-1.2485i	0.0161+0.6656i	4.0854+0.7212i	-0.7265-1.5868i	-1.9054+2.6527i
64.4	77.1649-144.9325i	84.9335-166.6461i	3.8242-0.4068i	2.7636-1.3458i	0.0263+0.6601i	4.2212+0.6755i	-0.9085-1.8284i	-1.8266+2.7642i
64.5	72.6484-145.5652i	81.5247-167.4720i	4.7448+0.4265i	2.6290-1.2893i	0.0401+0.6553i	4.3038+0.5385i	-0.9519-1.7069i	-1.7153+2.7617i
64.6	67.3460-149.1551i	76.1438-172.5779i	5.1347+5.4403i	2.5838-1.3364i	0.0570+0.6634i	4.4563+0.4375i	-1.1399-1.5142i	-1.7280+2.8057i
64.7	65.8454-151.5416i	72.8186-172.7172i	6.5516+8.2686i	2.6073-1.6342i	0.0916+0.6426i	4.5288+0.3878i	-1.3028-1.3383i	-1.7382+2.7792i
64.8	65.6805-154.4934i	74.3334-176.8458i	4.1775+4.6781i	2.5335-1.5148i	0.0977+0.6346i	4.6604+0.2634i	-1.3584-1.4681i	-1.6762+2.7791i
64.9	60.2964-154.4066i	69.1418-177.0029i	2.8518+4.4494i	2.4824-1.5141i	0.1065+0.5985i	4.6925+0.0627i	-1.4877-1.4448i	-1.5643+2.7757i
65.0	57.0514-161.2339i	64.7157-182.9415i	5.4321+5.5482i	2.4100-1.6863i	0.1278+0.5755i	4.9306-0.2159i	-1.6026-1.2394i	-1.5133+2.8958i
65.1	56.7222-165.1388i	63.7151-188.3080i	7.2136+2.8132i	2.3912-1.7684i	0.1209+0.5722i	5.0963-0.4128i	-1.5636-1.2641i	-1.5737+3.0364i
65.2	54.4288-166.7265i	60.2651-191.8013i	9.5056+4.3167i	2.3638-1.6824i	0.1149+0.5816i	5.2027-0.6228i	-1.5766-1.0673i	-1.5203+3.1919i
65.3	51.9898-162.2638i	59.6772-189.0992i	5.0686+7.3373i	2.2797-1.6021i	0.1080+0.5579i	5.2078-0.6455i	-1.8359-1.0144i	-1.5383+3.2719i
65.4	53.8375-160.9553i	61.0011-188.5498i	0.7243+5.9677i	2.3967-1.6225i	0.0871+0.5254i	5.1351-0.7362i	-2.0272-1.1041i	-1.4460+3.2515i
65.5	48.6825-163.8042i	54.8808-191.8574i	4.6394+1.2293i	2.3715-1.5135i	0.1007+0.4860i	5.2287-1.1827i	-1.8740-1.0401i	-1.2220+3.4545i
65.6	40.6286-166.0087i	47.0142-194.3678i	7.7284+2.6647i	2.2316-1.5676i	0.1242+0.4776i	5.3215-1.4963i	-1.8484-0.8127i	-1.0720+3.6581i
65.7	38.5420-164.3867i	43.4024-192.9318i	10.8498+3.4312i	2.2304-1.6463i	0.1239+0.4631i	5.3099-1.6923i	-1.7758-0.5958i	-1.0150+3.6734i
65.8	32.9461-168.6891i	35.9853-197.4408i	8.2237+5.4375i	2.3319-1.8119i	0.1140+0.4539i	5.3033-1.9915i	-1.9940-0.4899i	-0.8923+3.8910i
65.9	31.1237-172.7650i	34.2708-202.7518i	7.1677+5.1889i	2.3444-1.8235i	0.1029+0.4500i	5.3246-2.1682i	-2.0131-0.4952i	-0.8689+3.9675i
66.0	26.4945-172.6628i	28.6502-201.2348i	9.2231+5.1427i	2.2109-1.9225i	0.1100+0.4212i	5.2475-2.4833i	-1.9602-0.2907i	-0.6868+4.1418i
66.1	21.7839-175.2712i	25.2640-204.6884i	3.7424+4.6280i	2.1613-2.0038i	0.0706+0.4089i	5.1933-2.7334i	-2.1781-0.3362i	-0.4566+4.3475i
66.2	15.8003-176.6007i	18.0114-206.8227i	4.7829+4.4043i	2.1345-2.0858i	0.0714+0.4090i	5.0569-3.0225i	-2.1580-0.1967i	-0.1405+4.5221i
66.3	9.8237-175.3646i	10.0406-205.4597i	6.8114+1.8398i	2.0836-2.0736i	0.0510+0.3793i	4.8612-3.3955i	-2.0253-0.1122i	0.2824+4.5976i
66.4	8.1071-174.0002i	9.0094-205.7298i	5.7512+5.1222i	2.0570-2.0891i	0.0024+0.3946i	4.7713-3.5234i	-2.0915+0.0521i	0.5251+4.6081i
66.5	6.0931-175.6198i	7.3304-206.6128i	5.3249+5.0750i	1.9759-2.2376i	-0.0115+0.4060i	4.6024-3.6359i	-2.0776+0.1036i	0.7924+4.6381i
66.6	4.6315-174.5109i	5.8091-204.6193i	6.3133+4.3859i	1.8613-2.2287i	-0.0213+0.4136i	4.4618-3.6752i	-1.9883+0.1485i	0.9522+4.5369i
66.7	0.0387-172.0829i	-0.5035-203.7142i	11.3542+3.2838i	1.7353-2.1437i	-0.0161+0.4277i	4.3267-3.8654i	-1.8115+0.3013i	1.2831+4.4425i
66.8	-5.0180-171.9326i	-7.9965-203.5416i	13.4817+6.5679i	1.6955-2.3134i	-0.0263+0.4498i	4.2149-4.0593i	-1.8296+0.5239i	1.6914+4.4449i
66.9	-10.0292-170.6514i	-12.9916-201.8402i	15.2718+6.3391i	1.5518-2.3688i	-0.0258+0.4583i	4.1004-4.1574i	-1.7171+0.5664i	1.9101+4.2890i
67.0	-12.4306-167.1197i	-14.3432-199.8511i	6.4443+8.5989i	1.6054-2.3952i	-0.0645+0.4518i	3.9056-4.1649i	-1.9343+0.4942i	2.1379+4.0874i
67.1	-17.6267-165.3628i	-18.8885-195.9382i	3.1161+2.9422i	1.5998-2.3721i	-0.0779+0.4265i	3.6195-4.3427i	-1.8833+0.3855i	2.4869+3.9368i
67.2	-19.9639-167.3546i	-21.3920-198.5834i	10.0110+4.9849i	1.2773-2.3682i	-0.0758+0.4750i	3.6895-4.4992i	-1.7108+0.6107i	2.5730+3.7572i
67.3	-23.8350-166.9236i	-26.2209-198.8988i	15.5431+0.2817i	1.1742-2.2278i	-0.0538+0.5045i	3.5822-4.7203i	-1.4155+0.6722i	2.7498+3.5847i
67.4	-28.2541-161.2529i	-30.9375-194.4635i	12.1593-2.7083i	1.2380-2.1626i	-0.0699+0.5120i	3.2603-4.8464i	-1.4232+0.5851i	3.0204+3.2388i
67.5	-28.9881-159.4436i	-32.0797-192.6964i	12.0417-0.1081i	1.0838-2.2668i	-0.0762+0.5417i	3.1500-4.8737i	-1.4380+0.6872i	3.0794+3.0048i
67.6	-31.5700-157.5310i	-34.8971-188.9206i	13.7534-3.3433i	0.9198-2.3104i	-0.0565+0.5519i	2.9386-4.9501i	-1.3052+0.6925i	3.1327+2.7360i
67.7	-34.8705-158.0470i	-39.5078-186.4582i	14.3544-3.5166i	0.9210-2.4822i	-0.0486+0.5580i	2.6541-5.0300i	-1.2574+0.7666i	3.4375+2.4534i
67.8	-34.4932-158.0906i	-40.9083-189.6954i	15.8201-2.3108i	0.8594-2.4113i	-0.0463+0.5911i	2.6802-5.1946i	-1.2596+0.8275i	3.5529+2.4341i
67.9	-34.3916-157.0633i	-42.5899-190.8279i	17.0967-1.2936i	0.8027-2.3508i	-0.0453+0.6152i	2.5549-5.3348i	-1.2319+0.8749i	3.6251+2.2420i
68.0	-39.8726-159.7925i	-48.5897-192.9272i	17.3261+1.0879i	0.5511-2.4735i	-0.0327+0.6628i	2.3739-5.4493i	-1.2579+1.0341i	3.7397+1.8790i
68.1	-43.8817-155.5538i	-51.7172-187.9749i	15.3912-0.5084i	0.4328-2.3202i	-0.0056+0.6707i	2.1142-5.4600i	-1.1951+1.0352i	3.6357+1.6261i
68.2	-50.2732-154.4054i	-58.9907-184.5009i	18.0750-3.6224i	0.2330-2.2288i	0.0383+0.6821i	1.8144-5.5775i	-1.0269+1.0924i	3.5983+1.4335i
68.3	-52.3112-154.6704i	-62.5409-185.7404i	14.2286-6.5652i	0.3249-2.1660i	0.0570+0.6873i	1.5781-5.6906i	-1.0015+1.0448i	3.7570+1.3125i
68.4	-53.5095-149.0385i	-63.2515-180.6056i	11.9101-13.0138i	0.5042-1.8581i	0.0912+0.6621i	1.2626-5.6648i	-0.8675+0.8488i	3.6843+1.0324i
68.5	-56.8876-148.7863i	-68.1534-180.1234i	11.7555-12.2781i	0.3801-1.9364i	0.1114+0.6621i	1.0762-5.6545i	-0.8117+0.8646i	3.5896+0.7164i
68.6	-57.8905-148.5269i	-70.9758-181.4547i	11.9177-10.2574i	0.3628-1.9123i	0.1177+0.6779i	0.9652-5.6989i	-0.8108+0.9191i	3.5413+0.6319i

68.7	-58.3250-142.1910i	-71.5054-173.1089i	13.0716-12.3685i	0.3338-1.8404i	0.1463+0.6507i	0.6833-5.5389i	-0.6814+0.8785i	3.5017+0.3572i
68.8	-58.4861-137.0566i	-72.6116-166.9650i	14.0371-15.3394i	0.3788-1.7090i	0.1820+0.6312i	0.4394-5.4008i	-0.5438+0.8034i	3.3420+0.1365i
68.9	-62.5510-133.8904i	-77.5053-163.7488i	11.5836-10.6069i	0.3447-1.8578i	0.1906+0.6400i	0.2177-5.2592i	-0.5605+0.8557i	3.2959+0.0099i
69.0	-63.9325-134.2561i	-79.9997-163.1704i	12.5956-11.3086i	0.1866-1.8622i	0.1963+0.6483i	0.1221-5.2040i	-0.4968+0.8678i	3.1221-0.1684i
69.1	-66.4594-129.7072i	-81.1833-158.3873i	9.7681-16.7291i	0.2382-1.6693i	0.2292+0.6199i	-0.0807-5.1046i	-0.3876+0.7093i	2.9370-0.3912i
69.2	-70.4388-128.0433i	-85.6351-158.5152i	9.6824-14.0791i	0.1223-1.6459i	0.2480+0.6385i	-0.1937-5.1076i	-0.3863+0.7650i	2.8329-0.5052i
69.3	-67.1261-127.6128i	-82.7270-156.7329i	9.7400-12.9853i	0.0829-1.8247i	0.2441+0.6226i	-0.1840-4.9473i	-0.3914+0.7189i	2.5980-0.5400i
69.4	-68.8473-124.9546i	-87.6672-153.7978i	9.8499-14.7675i	0.1798-1.7054i	0.2664+0.6135i	-0.3766-4.9071i	-0.3451+0.6411i	2.4654-0.6196i
69.5	-73.1939-117.9079i	-92.0890-144.6900i	9.8697-15.6007i	0.0553-1.5876i	0.3013+0.5867i	-0.6265-4.7535i	-0.2870+0.6005i	2.3244-0.6934i
69.6	-76.0430-114.0121i	-92.9209-140.2582i	8.1612-17.6195i	-0.1028-1.4181i	0.3160+0.5618i	-0.7057-4.6483i	-0.2561+0.5226i	2.2185-0.6744i
69.7	-73.8815-112.1226i	-91.3618-139.8021i	6.7124-15.5362i	-0.0900-1.4774i	0.3031+0.5534i	-0.7238-4.5597i	-0.3171+0.4837i	2.1010-0.8005i
69.8	-75.4781-108.5620i	-92.9908-136.6574i	5.6495-15.5021i	-0.0919-1.3618i	0.3142+0.5501i	-0.8188-4.4626i	-0.2997+0.4625i	1.9981-0.8439i
69.9	-75.5968-107.3509i	-94.9453-135.4572i	5.6419-16.2493i	-0.2098-1.3096i	0.3187+0.5396i	-0.8628-4.3863i	-0.3288+0.4078i	1.9137-0.7624i
70.0	-74.9843-108.1649i	-95.7446-132.7296i	5.6809-18.3332i	-0.2489-1.3135i	0.3272+0.5270i	-0.8885-4.2827i	-0.3390+0.3768i	1.7350-0.7823i
70.1	-74.5771-104.9595i	-94.6891-129.5455i	5.1584-17.4021i	-0.2772-1.2335i	0.3381+0.4964i	-0.8959-4.1545i	-0.3140+0.3476i	1.7228-0.8295i
70.2	-73.2592-97.8633i	-91.6449-123.5293i	4.8596-18.1558i	-0.2350-1.0491i	0.3367+0.4575i	-0.8879-4.0048i	-0.2870+0.2578i	1.5781-0.7990i
70.3	-75.9799-95.8839i	-93.9308-120.3157i	3.5875-17.5555i	-0.3254-1.0194i	0.3358+0.4584i	-0.9534-3.9621i	-0.3211+0.2655i	1.4468-0.7125i
70.4	-77.0648-95.5112i	-95.5962-118.5163i	1.3098-16.4035i	-0.3234-1.0200i	0.3327+0.4550i	-0.9847-3.8952i	-0.3826+0.2788i	1.4298-0.7765i
70.5	-78.9975-93.1880i	-96.9503-115.5671i	0.4653-16.8584i	-0.3444-0.9122i	0.3423+0.4413i	-1.0213-3.8763i	-0.3982+0.2612i	1.3202-0.7472i
70.6	-76.3457-90.6191i	-95.6624-113.9751i	2.9320-17.1240i	-0.4427-0.7990i	0.3523+0.4324i	-0.9982-3.8847i	-0.3583+0.2321i	1.2238-0.6481i
70.7	-74.5637-87.4448i	-95.3807-111.4957i	2.3042-16.9666i	-0.4042-0.7059i	0.3400+0.4124i	-1.0237-3.8437i	-0.4117+0.2039i	1.1890-0.6253i
70.8	-74.4078-87.5733i	-95.3275-110.8808i	0.2158-16.9064i	-0.3267-0.7969i	0.3321+0.3972i	-1.0484-3.8217i	-0.4653+0.1808i	1.2145-0.6130i
70.9	-74.0024-84.8678i	-94.5931-107.8467i	0.0744-17.3779i	-0.3173-0.7257i	0.3396+0.3881i	-1.0482-3.7703i	-0.4636+0.1708i	1.1722-0.6218i
71.0	-70.7846-80.9335i	-91.1567-103.5301i	-0.8289-18.5275i	-0.1531-0.6153i	0.3499+0.3615i	-1.1222-3.7213i	-0.4594+0.1419i	1.0905-0.5867i
71.1	-70.4134-80.7510i	-90.0042-102.5305i	-1.1666-17.5140i	-0.3009-0.7234i	0.3399+0.3263i	-1.1186-3.6308i	-0.4657+0.1159i	1.1174-0.5344i
71.2	-70.4958-79.0626i	-91.2876-101.8194i	-0.3257-17.3594i	-0.3260-0.5683i	0.3445+0.3266i	-1.1314-3.6765i	-0.4887+0.1329i	1.1535-0.5333i
71.3	-70.7897-77.1226i	-91.3608-98.9277i	-1.0119-17.6879i	-0.2383-0.4671i	0.3396+0.3238i	-1.2210-3.6839i	-0.5217+0.1629i	1.1261-0.5333i
71.4	-68.3962-74.8209i	-88.2971-98.0001i	-2.0083-16.5407i	-0.2092-0.4435i	0.3162+0.3156i	-1.2464-3.6416i	-0.5674+0.1783i	1.1318-0.5177i
71.5	-67.0096-75.3127i	-88.3460-97.2873i	-3.6888-16.1582i	-0.2688-0.6414i	0.2822+0.2724i	-1.2328-3.6427i	-0.6387+0.1262i	1.0610-0.5580i
71.6	-68.5607-74.0122i	-89.6529-95.6266i	-3.7939-15.7944i	-0.4663-0.6304i	0.2494+0.2556i	-1.2376-3.6758i	-0.7090+0.1128i	0.9830-0.5787i
71.7	-69.2164-73.4316i	-90.7687-95.2780i	-4.2801-16.0813i	-0.4549-0.4797i	0.2371+0.2658i	-1.4332-3.7526i	-0.7251+0.1536i	1.0168-0.5519i
71.8	-68.4892-71.3309i	-90.0709-91.0670i	-5.4266-17.2762i	-0.3126-0.4529i	0.2659+0.2507i	-1.6268-3.6398i	-0.6499+0.1862i	1.0023-0.5667i
71.9	-66.7584-69.4917i	-87.3602-88.3952i	-4.8423-18.2244i	-0.3547-0.2610i	0.2473+0.2559i	-1.6334-3.5717i	-0.6804+0.2321i	0.9509-0.5587i
72.0	-66.1882-69.1448i	-87.8016-88.6749i	-5.3670-16.2885i	-0.3895-0.3231i	0.2139+0.2498i	-1.6995-3.5497i	-0.7268+0.2395i	0.9295-0.5626i
72.1	-65.0463-68.1391i	-86.2423-88.4851i	-5.8303-16.0116i	-0.4429-0.3471i	0.1851+0.2342i	-1.7579-3.4230i	-0.7324+0.2170i	0.8795-0.5098i
72.2	-64.8155-64.7458i	-86.5195-84.0004i	-5.5844-15.2110i	-0.3673-0.2485i	0.1832+0.2395i	-1.9094-3.3204i	-0.7202+0.2401i	0.8703-0.6052i
72.3	-65.9843-63.6861i	-87.1093-83.1152i	-7.0594-15.4149i	-0.5125-0.0609i	0.1591+0.2518i	-1.9870-3.3427i	-0.7499+0.2885i	0.9185-0.5417i
72.4	-64.9475-64.3516i	-86.1828-83.6949i	-7.6452-15.5437i	-0.4239-0.0156i	0.1577+0.2619i	-2.0368-3.3055i	-0.7787+0.3416i	0.9163-0.5398i
72.5	-64.1097-64.4484i	-86.5629-82.5898i	-7.7613-15.2109i	-0.3919+0.0454i	0.1431+0.2818i	-2.0996-3.2243i	-0.7971+0.3767i	0.8694-0.5687i
72.6	-67.0253-62.9941i	-88.8497-78.8264i	-9.9371-14.6646i	-0.4359-0.0337i	0.1704+0.2387i	-2.2591-2.9744i	-0.6890+0.3515i	0.8691-0.6466i
72.7	-65.3401-59.0409i	-86.4957-77.2464i	-9.5069-13.6622i	-0.4406+0.1797i	0.1138+0.2529i	-2.2410-2.9977i	-0.7810+0.3676i	0.8320-0.5486i
72.8	-61.7055-58.2216i	-84.1319-77.6086i	-10.3327-13.2576i	-0.4473+0.1558i	0.0464+0.2241i	-2.2378-2.8015i	-0.8492+0.3058i	0.8517-0.5399i
72.9	-60.5900-58.7742i	-83.6165-78.2449i	-11.3126-14.1326i	-0.5188+0.1298i	0.0283+0.2126i	-2.2758-2.6550i	-0.8423+0.2701i	0.8956-0.5853i
73.0	-60.9136-58.4808i	-83.1416-76.5174i	-11.2127-13.6048i	-0.5600+0.1620i	0.0225+0.2298i	-2.2371-2.6635i	-0.8289+0.3038i	0.7495-0.5921i
73.1	-59.3110-54.1887i	-81.8583-73.2985i	-10.7628-13.4819i	-0.3232+0.4736i	0.0596+0.2690i	-2.3658-2.5979i	-0.7705+0.3905i	0.7481-0.6468i
73.2	-58.3631-53.2581i	-81.6149-73.0367i	-11.5509-13.5754i	-0.3464+0.6238i	0.0375+0.2887i	-2.4220-2.5155i	-0.7994+0.4325i	0.7632-0.6100i
73.3	-58.8063-55.7689i	-82.8792-71.7851i	-12.2236-12.1464i	-0.4330+0.5855i	-0.0060+0.3226i	-2.3978-2.3121i	-0.8479+0.5024i	0.7350-0.6293i
73.4	-55.7433-53.9286i	-81.3050-70.3176i	-13.1396-11.9343i	-0.2094+0.6210i	-0.0398+0.3271i	-2.3916-2.2014i	-0.8925+0.5132i	0.7013-0.6939i
73.5	-56.6939-53.8645i	-81.1333-70.7190i	-15.1143-11.4457i	-0.3682+0.6476i	-0.0919+0.2956i	-2.3179-2.0180i	-0.8664+0.4508i	0.7469-0.6716i
73.6	-56.2258-50.1551i	-81.0273-68.5146i	-14.9071-10.5388i	-0.2879+0.8413i	-0.0781+0.3195i	-2.3122-1.9973i	-0.8456+0.4677i	0.7043-0.6395i
73.7	-55.3838-51.6408i	-80.2519-67.9454i	-14.5162-11.4404i	-0.2881+0.7557i	-0.0816+0.3267i	-2.2187-1.8681i	-0.8148+0.4661i	0.6952-0.6431i
73.8	-56.7273-52.8749i	-81.1337-67.8838i	-16.1951-11.2413i	-0.2194+0.8934i	-0.0767+0.3901i	-2.1873-1.7847i	-0.7821+0.5344i	0.7123-0.6971i
73.9	-57.4140-52.8428i	-80.6852-66.8787i	-17.0492-9.7220i	-0.1983+0.8215i	-0.0982+0.4177i	-2.1696-1.7179i	-0.7967+0.5578i	0.6570-0.7266i
74.0	-55.1706-51.5511i	-79.8212-65.6436i	-15.5543-8.4643i	-0.1957+1.0496i	-0.1131+0.4872i	-2.1043-1.6225i	-0.8329+0.6439i	0.6134-0.7656i
74.1	-54.0499-48.3210i	-79.8566-63.8710i	-15.5891-7.6907i	-0.1364+1.3159i	-0.1344+0.5097i	-2.0905-1.6001i	-0.8578+0.6470i	0.6009-0.7941i
74.2	-53.0138-47.1221i	-77.8742-63.4268i	-17.2100-7.0818i	-0.1795+1.4228i	-0.1866+0.5213i	-2.0054-1.6935i	-0.9196+0.6157i	0.5544-0.7328i
74.3	-53.8363-47.8703i	-77.4366-63.2832i	-17.9707-6.7598i	-0.1662+1.3562i	-0.1670+0.5621i	-1.9748-1.6300i	-0.8802+0.6767i	0.5112-0.7349i
74.4	-55.2687-49.2150i	-77.4622-60.8689i	-18.2817-5.3702i	-0.1221+1.2361i	-0.1437+0.5951i	-1.8663-1.5173i	-0.8238+0.7308i	0.4282-0.7564i
74.5	-53.6302-50.6834i	-76.8028-61.7735i	-20.3193-4.3582i	-0.1334+1.2715i	-0.2222+0.6194i	-1.7002-1.4893i	-0.9111+0.7042i	0.4652-0.7441i
74.6	-51.4888-48.8496i	-75.1773-61.1819i	-19.6315-3.5833i	-0.0581+1.5195i	-0.2246+0.6832i	-1.6880-1.4828i	-0.9238+0.7718i	0.4361-0.7537i
74.7	-51.4149-44.3023i	-74.6841-57.9026i	-16.7651-2.6295i	0.2311+1.8018i	-0.1031+0.7319i	-1.8282-1.4728i	-0.7895+0.8665i	0.3223-0.7956i
74.8	-51.3627-44.6324i	-73.6089-58.0667i	-17.6548-2.5272i	0.2461+1.7873i	-0.1133+0.7465i	-1.7498-1.4595i	-0.7898+0.8551i	0.3307-0.7316i
74.9	-51.1099-46.9283i	-74.5956-57.5691i	-18.6842-1.5842i	0.2812+1.6698i	-0.1067+0.7798i	-1.7345-1.4164i	-0.7809+0.8812i	0.2707-0.6728i

75.0	-49.4004-45.9408i	-73.7489-56.2002i	-17.2804+0.1776i	0.4621+1.8844i	-0.0760+0.9062i	-1.7567-1.4982i	-0.7865+1.0113i	0.2035-0.7022i
75.1	-47.5558-41.2389i	-72.7891-54.5312i	-16.9884+2.7762i	0.5712+2.2156i	-0.0954+0.9513i	-1.7671-1.5349i	-0.8210+1.0212i	0.2143-0.7329i
75.2	-47.9704-41.2932i	-72.8664-55.0779i	-17.1024+4.7408i	0.7150+2.3514i	-0.0812+1.0583i	-1.7296-1.5914i	-0.8285+1.1251i	0.2002-0.8203i
75.3	-48.9743-40.9082i	-72.3399-53.7271i	-17.5332+3.4715i	0.7921+2.3224i	-0.0126+1.0424i	-1.6620-1.5476i	-0.7202+1.0953i	0.1808-0.7292i
75.4	-47.0503-43.4168i	-72.1090-54.1220i	-17.8780+4.0176i	1.0536+2.2565i	0.0197+1.0994i	-1.7129-1.4828i	-0.6928+1.1702i	0.1782-0.6820i
75.5	-45.6689-45.1050i	-70.9579-54.7092i	-17.5886+4.8933i	1.1219+2.1680i	0.0409+1.1607i	-1.5851-1.4556i	-0.6620+1.2321i	0.1538-0.6779i
75.6	-43.7885-43.9016i	-70.5647-53.5765i	-15.4788+6.7683i	1.4610+2.2465i	0.0891+1.2233i	-1.6367-1.4573i	-0.6337+1.2710i	0.1014-0.6987i
75.7	-45.3769-41.9142i	-70.1828-52.6917i	-15.8955+7.4715i	1.4237+2.4549i	0.0974+1.2383i	-1.5566-1.4544i	-0.6134+1.2374i	0.0602-0.6752i
75.8	-44.7317-41.4286i	-69.4960-51.2922i	-16.2037+7.6390i	1.5055+2.1737i	0.1478+1.1762i	-1.6200-1.3196i	-0.5568+1.1751i	0.0017-0.6277i
75.9	-45.4393-42.3314i	-67.8578-50.5549i	-15.4586+8.3018i	1.4772+1.9772i	0.1813+1.1710i	-1.5212-1.2312i	-0.5168+1.1701i	0.0132-0.6063i
76.0	-47.8176-44.2292i	-67.5228-50.0538i	-15.0152+9.5099i	1.3389+1.9648i	0.2485+1.2682i	-1.4351-1.3507i	-0.4520+1.2429i	-0.0130-0.6149i
76.1	-44.0374-43.9349i	-68.2569-50.1255i	-12.6451+10.7064i	1.8827+2.0221i	0.3574+1.3843i	-1.5137-1.3676i	-0.4186+1.3655i	-0.0700-0.6171i
76.2	-43.5906-44.2683i	-67.9788-50.0462i	-11.6228+11.8933i	1.9960+2.0611i	0.3911+1.4253i	-1.4958-1.3123i	-0.4169+1.4107i	-0.0816-0.6104i
76.3	-42.5174-43.1548i	-66.8799-49.3998i	-12.3754+11.5453i	1.9653+2.0924i	0.3816+1.3804i	-1.3667-1.3359i	-0.4075+1.3033i	-0.0859-0.5827i
76.4	-41.2623-40.6348i	-66.2642-47.8723i	-10.3538+11.0219i	2.3757+1.9266i	0.5514+1.3254i	-1.4018-1.3134i	-0.2368+1.2610i	-0.1238-0.5453i
76.5	-40.8795-39.9338i	-64.7738-46.7626i	-9.9058+9.4763i	2.5139+1.8059i	0.6147+1.2861i	-1.3785-1.2056i	-0.1511+1.2143i	-0.1312-0.5257i
76.6	-42.3518-39.2996i	-65.1302-44.2064i	-8.4753+10.4902i	2.5380+1.5455i	0.7168+1.2703i	-1.4526-1.1631i	-0.0911+1.2455i	-0.2299-0.4679i
76.7	-42.0418-38.3349i	-64.9041-45.3685i	-8.7332+11.5287i	2.5892+1.6164i	0.7697+1.3259i	-1.3039-1.3460i	-0.0810+1.2525i	-0.2307-0.4497i
76.8	-43.7145-38.6731i	-65.1372-45.3160i	-7.4634+12.8233i	2.5344+1.6805i	0.8558+1.3399i	-1.3119-1.5656i	-0.0494+1.2338i	-0.2602-0.4143i
76.9	-42.0823-38.7972i	-63.6728-44.5451i	-6.7459+13.1288i	2.6399+1.6023i	0.9186+1.3749i	-1.2999-1.5357i	-0.0352+1.2530i	-0.2941-0.4516i
77.0	-41.6492-37.2414i	-62.5176-43.3125i	-5.2273+12.2121i	2.6677+1.5330i	0.9874+1.3226i	-1.2105-1.4572i	0.0590+1.2376i	-0.2802-0.3998i
77.1	-40.6598-37.7389i	-61.7898-42.8165i	-4.7861+11.3593i	2.8104+1.3925i	1.0749+1.2734i	-1.1302-1.4473i	0.1501+1.1696i	-0.2976-0.3640i
77.2	-34.6068-37.3707i	-59.7588-42.4096i	-5.4780+10.6552i	3.1113+1.1357i	1.0650+1.2195i	-1.0345-1.4324i	0.1351+1.0892i	-0.3030-0.3436i
77.3	-35.3975-36.4881i	-60.9814-42.0180i	-3.6952+12.8229i	3.3431+1.2604i	1.1637+1.2975i	-1.2427-1.6688i	0.0975+1.1467i	-0.3106-0.3132i
77.4	-34.9002-37.4096i	-59.8978-41.4683i	-2.4114+12.6752i	3.4347+0.9834i	1.2611+1.2919i	-1.2020-1.7321i	0.1357+1.1455i	-0.3566-0.2918i
77.5	-38.6612-38.2438i	-59.7424-39.8827i	-0.4303+11.6755i	3.1569+0.5475i	1.4324+1.1470i	-1.2957-1.7551i	0.2445+1.1249i	-0.4518-0.1763i
77.6	-39.8525-35.0069i	-58.9016-38.5354i	-0.6502+10.5055i	3.0530+0.5724i	1.4469+1.0033i	-1.3549-1.8011i	0.2591+0.9996i	-0.4358-0.1232i
77.7	-36.8851-33.6453i	-57.6630-38.3012i	-0.6179+9.3330i	3.1885+0.6741i	1.4931+0.9406i	-1.3689-1.8269i	0.2941+0.9349i	-0.4193-0.0755i
77.8	-36.1461-32.8390i	-57.4060-39.3000i	1.1107+12.3876i	3.3362+0.7446i	1.5695+1.0731i	-1.5422-1.9727i	0.1979+1.0114i	-0.4315-0.1243i
77.9	-36.1071-34.2799i	-57.0452-39.8399i	2.0283+12.8580i	3.2586+0.6016i	1.6786+1.0018i	-1.6288-2.1580i	0.2195+0.9669i	-0.4590-0.1020i
78.0	-31.3660-33.8871i	-56.1369-39.2555i	2.7901+10.3247i	3.3759+0.5083i	1.7446+0.8533i	-1.5609-2.0821i	0.2965+0.9584i	-0.4849+0.0343i
78.1	-32.6871-32.0395i	-54.3556-37.2399i	3.0673+10.0358i	3.2236+0.4787i	1.7573+0.7218i	-1.6507-2.0329i	0.2984+0.8845i	-0.5028+0.1089i
78.2	-32.7528-36.1128i	-53.2626-36.6596i	2.5569+8.6212i	3.1385+0.0343i	1.7481+0.5963i	-1.6332-1.9466i	0.3421+0.8249i	-0.4215+0.1140i
78.3	-28.0923-36.1255i	-51.5775-37.6541i	3.0047+9.4737i	3.2815+0.0188i	1.7313+0.6143i	-1.7193-2.0497i	0.2151+0.8189i	-0.3982+0.1587i
78.4	-26.4196-33.3506i	-51.6292-37.3585i	4.4168+9.0838i	3.5450+0.0451i	1.8146+0.5005i	-1.9402-2.0437i	0.2051+0.8168i	-0.3920+0.2477i
78.5	-27.3322-36.0483i	-49.3487-36.8656i	3.7365+6.2343i	3.3809-0.3146i	1.7926+0.2511i	-1.9618-2.1131i	0.3033+0.6920i	-0.2984+0.3087i
78.6	-30.7067-35.5355i	-48.2667-36.3938i	4.4060+5.6283i	3.0093-0.4690i	1.7592+0.1899i	-2.0046-2.0751i	0.2861+0.6866i	-0.2664+0.3433i
78.7	-27.8963-34.0790i	-47.7900-36.6512i	5.5806+6.5628i	3.4584-0.5433i	1.7773+0.1841i	-2.1313-2.1444i	0.2101+0.6865i	-0.2179+0.3854i
78.8	-25.6311-35.8426i	-47.8774-36.4798i	4.7242+4.8705i	3.5952-0.9585i	1.6266+0.0200i	-2.3257-2.0426i	0.1350+0.5844i	-0.1276+0.3664i
78.9	-28.1742-34.5214i	-45.6496-35.1821i	4.5010+1.8360i	2.7617-1.2259i	1.4562-0.0758i	-2.2992-1.9939i	0.0765+0.5902i	-0.0734+0.3806i
79.0	-25.0236-33.9648i	-43.8493-36.0978i	2.6915+2.2246i	1.8029-0.7334i	1.4683+0.1440i	-2.4242-2.1621i	0.0518+0.9106i	-0.0507+0.4374i
79.1	-21.8269-37.4627i	-43.7134-38.3559i	3.3735+5.1109i	2.2689-0.2039i	1.6676+0.1951i	-2.7239-2.1465i	0.1552+1.0333i	-0.0459+0.4330i
79.2	-21.0322-39.0461i	-43.7210-37.8248i	5.3466+6.4242i	3.1461-0.1809i	1.8098+0.0973i	-2.8369-1.9908i	0.2576+0.9583i	-0.0294+0.4094i
79.3	-25.0938-40.3645i	-43.0220-37.9970i	5.2668+5.8106i	3.1137-0.2587i	1.7774-0.0542i	-2.9110-1.9550i	0.3505+0.8082i	0.0362+0.4267i
79.4	-21.8523-42.4939i	-41.8421-38.6028i	5.3278+4.9561i	3.1590-0.7750i	1.7132-0.0957i	-2.9368-1.7203i	0.3458+0.8453i	0.0434+0.4000i
79.5	-22.0295-38.4706i	-41.6712-39.1686i	6.6095+4.8192i	3.3135-0.6251i	1.7207-0.1601i	-3.1129-1.6183i	0.3263+0.8417i	0.0463+0.3838i
79.6	-21.2992-37.7173i	-40.8484-39.3922i	6.8620+3.9436i	3.3534-0.7538i	1.6677-0.2509i	-3.1806-1.4692i	0.3258+0.7978i	0.0765+0.3653i
79.7	-22.6084-33.9776i	-40.3119-38.8303i	6.8361+3.0605i	3.2233-0.5190i	1.6024-0.3102i	-3.1925-1.3419i	0.3644+0.7294i	0.1139+0.3839i
79.8	-23.6600-34.9019i	-40.3246-39.7585i	7.1552+3.1585i	3.1001-0.6747i	1.5860-0.3377i	-3.3539-1.1769i	0.3361+0.7336i	0.1299+0.3751i
79.9	-22.3602-37.9667i	-39.2329-42.2424i	6.0866+4.0169i	2.8371-1.0516i	1.5009-0.3339i	-3.5328-1.0650i	0.2477+0.7930i	0.1834+0.3984i
80.0	-19.1981-39.3640i	-37.6702-41.1601i	5.3489+1.1336i	2.9274-1.3849i	1.4417-0.4767i	-3.3846-0.8407i	0.3308+0.6621i	0.2071+0.3752i

2.1.98 Run 9 – IP270A10 – Accels 9–16

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	5.1507+0.0000i	-9.9959+0.0000i	-6.9245+0.0000i	13.0943+0.0000i	8.9685+0.0000i	2.5590+0.0000i	-9.2591+0.0000i	17.0239+0.0000i
0.1	6.7344-0.6811i	-10.2987-0.0257i	-5.8342+0.9103i	13.9759+0.3913i	10.5658-0.1067i	2.8225+0.7347i	-9.3766+0.0300i	16.8846+0.9749i
0.2	18.0770+25.3217i	8.0711-3.7227i	7.5918+0.0740i	3.0289+5.4339i	3.0699-6.3230i	-2.3427+9.5739i	4.9655+13.7428i	-39.0567+15.1835i
0.3	1.3841+7.4657i	-1.8080-0.0804i	0.2592+0.8081i	0.8005+1.6001i	1.6696+0.4232i	-0.6561+2.2832i	0.0822+0.3823i	-1.5684+1.3452i
0.4	0.2460-0.1832i	-0.2550+0.0852i	-0.2129+0.0717i	-0.0526+0.0162i	-0.1183-0.1259i	-0.0495+0.0900i	-0.0286-0.0321i	0.1194-0.1591i
0.5	0.1391-0.2187i	-0.0711-0.0854i	-0.0136-0.0073i	0.0428+0.0275i	-0.0466-0.0123i	-0.0798-0.0476i	0.0539+0.0146i	-0.0035+0.0231i
0.6	0.2823-0.0925i	-0.1130+0.0783i	0.0027-0.0282i	0.0643+0.0609i	-0.0298+0.0350i	-0.0436-0.1338i	0.0603+0.0118i	-0.0456-0.0033i
0.7	0.0955+0.0443i	-0.1535+0.0286i	0.0084-0.0173i	0.1390-0.0148i	-0.0558+0.0057i	-0.0434-0.0370i	0.1297-0.0120i	0.0631-0.0564i
0.8	0.1739-0.0117i	-0.1298-0.0779i	0.0047-0.0111i	0.1902-0.0261i	-0.0033+0.0056i	-0.0192-0.0093i	0.1851-0.0172i	0.0110+0.0036i
0.9	0.1916+0.0173i	-0.1725-0.0614i	0.0035-0.0026i	0.2212-0.0383i	-0.0058+0.0064i	-0.0292+0.0000i	0.2179-0.0396i	-0.0143+0.0018i
1.0	0.2380+0.0498i	-0.2837-0.0229i	0.0239-0.0048i	0.3417-0.0416i	-0.0257+0.0096i	0.0045+0.0142i	0.3470-0.0687i	0.0140-0.0021i
1.1	0.2988+0.0258i	-0.4269-0.0518i	0.0374-0.0029i	0.4331-0.0446i	-0.0134+0.0010i	-0.0163+0.0164i	0.4280-0.0613i	0.0201-0.0043i
1.2	0.3521+0.0161i	-0.4978-0.0099i	0.0416-0.0087i	0.5228-0.0714i	-0.0113+0.0042i	-0.0309+0.0168i	0.5200-0.0898i	0.0175-0.0081i
1.3	0.4488-0.0178i	-0.6315+0.0300i	0.0561-0.0287i	0.7233-0.2114i	-0.0194+0.0052i	-0.0436+0.0332i	0.7193-0.2346i	0.0212-0.0040i
1.4	0.5332-0.0599i	-0.7418+0.0849i	0.0738-0.0589i	0.9000-0.4293i	-0.0260+0.0134i	-0.0571+0.0577i	0.8871-0.4529i	0.0316-0.0068i
1.5	0.6552-0.1292i	-0.9022+0.1505i	-0.0079-0.1284i	0.5663-0.8930i	-0.0111+0.0353i	0.0187+0.1271i	0.5402-0.9096i	0.0201-0.0225i
1.6	0.9057-0.1500i	-1.2030+0.1691i	-0.0922-0.0055i	0.3771-0.2772i	0.0021+0.0105i	0.0854+0.0235i	0.3723-0.2903i	0.0089-0.0046i
1.7	1.1376-0.3631i	-1.5015+0.4040i	-0.0165+0.0726i	1.0271-0.1291i	-0.0202-0.0022i	0.0172-0.0291i	1.0275-0.1611i	0.0269+0.0028i
1.8	1.5208-0.8644i	-1.9577+0.9721i	0.0655+0.0616i	1.8618-0.8187i	-0.0481+0.0154i	-0.0602+0.0237i	1.8442-0.8719i	0.0500-0.0126i
1.9	1.7369-1.6437i	-2.2258+1.8623i	0.1446+0.0231i	2.3988-2.0042i	-0.0661+0.0458i	-0.1004+0.1109i	2.3498-2.0700i	0.0633-0.0376i
2.0	0.8672-2.6547i	-1.2441+3.0104i	0.1963-0.0530i	1.3588-3.6400i	-0.0409+0.0916i	-0.0050+0.2344i	1.2672-3.6792i	0.0434-0.0740i
2.1	-1.1371-1.9119i	0.9470+2.1386i	0.1829-0.1269i	-1.6043-2.7885i	0.0364+0.0793i	0.2781+0.1533i	-1.6698-2.7479i	-0.0188-0.0574i
2.2	-1.3727-1.2638i	1.1692+1.3609i	0.2909-0.2686i	-2.1014-1.8578i	0.0515+0.0546i	0.4641-0.0640i	-2.1420-1.8071i	-0.0285-0.0363i
2.3	-1.3150-0.9476i	1.0173+0.8856i	0.1414-0.6057i	-2.0556-1.2199i	0.0526+0.0427i	0.3295-0.4658i	-2.0793-1.1698i	-0.0249-0.0212i
2.4	-1.3314-0.6859i	0.8797+0.6253i	-0.3339-0.3920i	-1.9087-0.8840i	0.0542+0.0321i	-0.1516-0.2888i	-1.9214-0.8409i	-0.0192-0.0180i
2.5	-1.1971-0.4722i	0.6757+0.4715i	-0.3338-0.1170i	-1.7081-0.6831i	0.0485+0.0228i	-0.1676-0.0361i	-1.7180-0.6461i	-0.0137-0.0151i
2.6	-1.0585-0.3504i	0.4726+0.3591i	-0.2176-0.0425i	-1.5669-0.5410i	0.0441+0.0164i	-0.0637+0.0217i	-1.5717-0.5057i	-0.0105-0.0120i
2.7	-1.0009-0.2957i	0.3659+0.2890i	-0.1786-0.0230i	-1.5193-0.4731i	0.0431+0.0161i	-0.0258+0.0337i	-1.5228-0.4412i	-0.0068-0.0107i
2.8	-0.9263-0.2566i	0.2301+0.2506i	-0.1538-0.0206i	-1.4259-0.4103i	0.0413+0.0141i	-0.0073+0.0286i	-1.4296-0.3830i	-0.0027-0.0081i
2.9	-0.8623-0.2196i	0.0969+0.2160i	-0.1381-0.0193i	-1.3360-0.3530i	0.0391+0.0119i	0.0009+0.0237i	-1.3370-0.3280i	0.0010-0.0069i
3.0	-0.8030-0.1864i	-0.0380+0.1761i	-0.1243-0.0166i	-1.2449-0.3043i	0.0364+0.0115i	0.0045+0.0214i	-1.2449-0.2818i	0.0054-0.0058i
3.1	-0.7779-0.1642i	-0.1316+0.1513i	-0.1171-0.0135i	-1.2187-0.2724i	0.0346+0.0103i	0.0104+0.0214i	-1.2180-0.2506i	0.0079-0.0047i
3.2	-0.7555-0.1540i	-0.2176+0.1458i	-0.1095-0.0122i	-1.1955-0.2544i	0.0343+0.0110i	0.0173+0.0194i	-1.1956-0.2329i	0.0106-0.0046i
3.3	-0.7214-0.1415i	-0.3390+0.1314i	-0.1031-0.0113i	-1.1490-0.2370i	0.0337+0.0099i	0.0194+0.0182i	-1.1481-0.2174i	0.0152-0.0039i
3.4	-0.6997-0.1240i	-0.4251+0.1059i	-0.0992-0.0105i	-1.1195-0.2103i	0.0333+0.0080i	0.0204+0.0155i	-1.1186-0.1922i	0.0192-0.0033i
3.5	-0.6804-0.1144i	-0.5281+0.1014i	-0.0954-0.0108i	-1.0981-0.1973i	0.0323+0.0075i	0.0221+0.0140i	-1.0967-0.1799i	0.0220-0.0035i
3.6	-0.6646-0.1035i	-0.6174+0.0879i	-0.0926-0.0099i	-1.0766-0.1827i	0.0318+0.0069i	0.0234+0.0128i	-1.0752-0.1664i	0.0259-0.0034i
3.7	-0.6442-0.0935i	-0.7182+0.0856i	-0.0885-0.0079i	-1.0501-0.1674i	0.0321+0.0055i	0.0244+0.0123i	-1.0488-0.1508i	0.0310-0.0032i
3.8	-0.6307-0.0904i	-0.8185+0.0743i	-0.0872-0.0072i	-1.0378-0.1609i	0.0321+0.0063i	0.0240+0.0122i	-1.0360-0.1454i	0.0347-0.0032i
3.9	-0.6198-0.0941i	-0.9263+0.0941i	-0.0859-0.0083i	-1.0278-0.1675i	0.0318+0.0074i	0.0255+0.0113i	-1.0265-0.1521i	0.0385-0.0040i
4.0	-0.6165-0.0893i	-1.0179+0.0787i	-0.0855-0.0074i	-1.0260-0.1603i	0.0333+0.0075i	0.0257+0.0110i	-1.0242-0.1453i	0.0425-0.0029i
4.1	-0.6087-0.0839i	-1.1385+0.0692i	-0.0841-0.0065i	-1.0216-0.1501i	0.0348+0.0071i	0.0266+0.0116i	-1.0192-0.1373i	0.0464-0.0014i
4.2	-0.5995-0.0827i	-1.2267+0.0693i	-0.0833-0.0058i	-1.0136-0.1479i	0.0358+0.0068i	0.0279+0.0123i	-1.0112-0.1353i	0.0503-0.0001i
4.3	-0.5905-0.0766i	-1.3388+0.0450i	-0.0825-0.0046i	-1.0030-0.1349i	0.0347+0.0065i	0.0279+0.0112i	-1.0003-0.1219i	0.0542+0.0001i
4.4	-0.5820-0.0738i	-1.4475+0.0493i	-0.0809-0.0019i	-0.9911-0.1280i	0.0351+0.0084i	0.0277+0.0131i	-0.9887-0.1138i	0.0595+0.0012i
4.5	-0.5740-0.0718i	-1.5621+0.0611i	-0.0777-0.0041i	-0.9791-0.1254i	0.0384+0.0071i	0.0295+0.0122i	-0.9762-0.1124i	0.0675+0.0000i
4.6	-0.5683-0.0670i	-1.6811+0.0382i	-0.0766-0.0059i	-0.9734-0.1156i	0.0414+0.0059i	0.0300+0.0090i	-0.9706-0.1042i	0.0738-0.0011i
4.7	-0.5633-0.0656i	-1.8033+0.0538i	-0.0771-0.0049i	-0.9688-0.1147i	0.0431+0.0051i	0.0297+0.0088i	-0.9664-0.1032i	0.0787-0.0024i
4.8	-0.5571-0.0622i	-1.9111+0.0512i	-0.0765-0.0042i	-0.9635-0.1095i	0.0446+0.0060i	0.0300+0.0080i	-0.9595-0.0971i	0.0849-0.0005i
4.9	-0.5508-0.0620i	-2.0401+0.0535i	-0.0753-0.0024i	-0.9638-0.1078i	0.0473+0.0064i	0.0308+0.0095i	-0.9589-0.0965i	0.0913+0.0005i
5.0	-0.5455-0.0640i	-2.1940+0.0297i	-0.0754-0.0032i	-0.9586-0.1106i	0.0492+0.0067i	0.0302+0.0095i	-0.9551-0.0994i	0.0991+0.0018i
5.1	-0.5429-0.0653i	-2.3296+0.0027i	-0.0745-0.0036i	-0.9580-0.1097i	0.0510+0.0082i	0.0342+0.0089i	-0.9542-0.0978i	0.1066+0.0031i
5.2	-0.5350-0.0643i	-2.4713+0.0377i	-0.0721-0.0029i	-0.9465-0.1073i	0.0546+0.0055i	0.0366+0.0077i	-0.9425-0.0974i	0.1175+0.0007i
5.3	-0.5328-0.0701i	-2.6206+0.0375i	-0.0732-0.0023i	-0.9477-0.1137i	0.0565+0.0064i	0.0347+0.0076i	-0.9440-0.1043i	0.1244+0.0019i
5.4	-0.5323-0.0740i	-2.7683+0.0207i	-0.0717+0.0004i	-0.9534-0.1184i	0.0622+0.0140i	0.0354+0.0112i	-0.9504-0.1073i	0.1359+0.0088i
5.5	-0.5298-0.0760i	-2.9099+0.0227i	-0.0670-0.0012i	-0.9524-0.1211i	0.0702+0.0125i	0.0396+0.0105i	-0.9505-0.1117i	0.1502+0.0064i
5.6	-0.5280-0.0791i	-3.0676+0.0463i	-0.0685-0.0031i	-0.9507-0.1282i	0.0804+0.0131i	0.0388+0.0085i	-0.9498-0.1210i	0.1651+0.0069i

5.7	-0.5329-0.0853i	-3.2548+0.0769i	-0.0692-0.0055i	-0.9596-0.1337i	0.1003+0.0090i	0.0395+0.0070i	-0.9588-0.1247i	0.1900+0.0005i
5.8	-0.5365-0.0884i	-3.4002+0.0837i	-0.0665-0.0087i	-0.9718-0.1429i	0.1155+0.0077i	0.0429+0.0049i	-0.9709-0.1319i	0.2114+0.0009i
5.9	-0.5409-0.0879i	-3.5104+0.0776i	-0.0645-0.0058i	-0.9852-0.1377i	0.1307+0.0160i	0.0464+0.0056i	-0.9834-0.1263i	0.2320+0.0107i
6.0	-0.5512-0.0891i	-3.6646+0.0791i	-0.0655-0.0078i	-1.0117-0.1379i	0.1529+0.0127i	0.0476+0.0055i	-1.0095-0.1269i	0.2559+0.0062i
6.1	-0.5516-0.0874i	-3.8288+0.0736i	-0.0664-0.0082i	-1.0121-0.1345i	0.1705+0.0058i	0.0462+0.0038i	-1.0116-0.1245i	0.2802+0.0002i
6.2	-0.5515-0.0839i	-4.0194+0.0226i	-0.0659-0.0108i	-1.0181-0.1268i	0.2032+0.0026i	0.0471+0.0002i	-1.0195-0.1173i	0.3207-0.0012i
6.3	-0.5557-0.0818i	-4.2211+0.0308i	-0.0667-0.0108i	-1.0412-0.1185i	0.2552-0.0062i	0.0503-0.0025i	-1.0426-0.1095i	0.3795-0.0102i
6.4	-0.5586-0.0834i	-4.4064+0.0990i	-0.0659-0.0118i	-1.0494-0.1178i	0.2994-0.0292i	0.0510-0.0021i	-1.0506-0.1099i	0.4256-0.0354i
6.5	-0.5614-0.0817i	-4.5327+0.0788i	-0.0626-0.0143i	-1.0608-0.1058i	0.3766-0.0645i	0.0564-0.0037i	-1.0600-0.0962i	0.5111-0.0690i
6.6	-0.5570-0.0834i	-4.7449+0.0447i	-0.0611-0.0147i	-1.0531-0.1056i	0.4948-0.0875i	0.0587-0.0048i	-1.0561-0.0942i	0.6378-0.0912i
6.7	-0.5580-0.0828i	-4.9575+0.0810i	-0.0570-0.0216i	-1.0570-0.1078i	0.6729-0.2603i	0.0656-0.0135i	-1.0629-0.0931i	0.8235-0.2614i
6.8	-0.5641-0.0767i	-5.1751+0.0875i	-0.0569-0.0357i	-1.0716-0.0922i	0.8393-0.6791i	0.0676-0.0325i	-1.0769-0.0735i	0.9954-0.6750i
6.9	-0.5553-0.0767i	-5.4265+0.1322i	-0.0730-0.0465i	-1.0822-0.0844i	0.5402-1.1792i	0.0511-0.0474i	-1.0846-0.0602i	0.7092-1.1721i
7.0	-0.5369-0.0960i	-5.6375+0.1132i	-0.0999-0.0432i	-1.0887-0.0828i	-0.3431-1.2995i	0.0194-0.0460i	-1.0791-0.0566i	-0.1572-1.2914i
7.1	-0.5440-0.1184i	-5.8049+0.1040i	-0.1086-0.0288i	-1.0975-0.0740i	-0.7585-0.9650i	0.0091-0.0325i	-1.0799-0.0525i	-0.5617-0.9598i
7.2	-0.5735-0.1381i	-6.0891+0.0336i	-0.1047-0.0139i	-1.0995-0.0648i	-0.7330-0.4775i	0.0124-0.0170i	-1.0831-0.0483i	-0.5254-0.4767i
7.3	-0.5934-0.1403i	-6.2499+0.1279i	-0.0993-0.0098i	-1.1012-0.0648i	-0.6539-0.3142i	0.0179-0.0101i	-1.0877-0.0505i	-0.4391-0.3155i
7.4	-0.6157-0.1325i	-6.4882+0.2496i	-0.0947-0.0061i	-1.1033-0.0719i	-0.5289-0.1945i	0.0243-0.0048i	-1.0917-0.0602i	-0.3047-0.1991i
7.5	-0.6376-0.1250i	-6.8445+0.1390i	-0.0939-0.0054i	-1.1085-0.0817i	-0.4322-0.0880i	0.0266-0.0033i	-1.0970-0.0712i	-0.1954-0.0929i
7.6	-0.6510-0.1147i	-6.9933+0.0788i	-0.0923-0.0067i	-1.1184-0.0906i	-0.3228-0.1036i	0.0294+0.0005i	-1.1103-0.0790i	-0.0786-0.1098i
7.7	-0.6624-0.1011i	-7.2811+0.2267i	-0.0906-0.0081i	-1.1320-0.0924i	-0.2352-0.1311i	0.0322-0.0015i	-1.1267-0.0824i	0.0194-0.1411i
7.8	-0.6648-0.0854i	-7.5478+0.3106i	-0.0939-0.0073i	-1.1563-0.0864i	-0.2693-0.1538i	0.0334+0.0001i	-1.1471-0.0761i	-0.0053-0.1652i
7.9	-0.6664-0.0746i	-7.8599+0.1721i	-0.0963-0.0063i	-1.1704-0.0829i	-0.2842-0.1503i	0.0327-0.0013i	-1.1594-0.0716i	-0.0054-0.1610i
8.0	-0.6698-0.0692i	-8.1508+0.1043i	-0.0971-0.0078i	-1.1804-0.0837i	-0.2370-0.1506i	0.0338-0.0029i	-1.1729-0.0708i	0.0502-0.1603i
8.1	-0.6729-0.0598i	-8.4861+0.1922i	-0.0997-0.0091i	-1.1959-0.0733i	-0.2430-0.1868i	0.0347-0.0029i	-1.1878-0.0631i	0.0567-0.1964i
8.2	-0.6760-0.0547i	-8.8110+0.2497i	-0.0994-0.0075i	-1.2138-0.0703i	-0.2834-0.2104i	0.0357-0.0026i	-1.2036-0.0597i	0.0276-0.2194i
8.3	-0.6795-0.0511i	-9.2163+0.2700i	-0.1020-0.0040i	-1.2280-0.0715i	-0.3061-0.1616i	0.0371-0.0014i	-1.2208-0.0621i	0.0215-0.1724i
8.4	-0.6831-0.0457i	-9.5861+0.2523i	-0.1040-0.0021i	-1.2405-0.0670i	-0.2740-0.1238i	0.0377-0.0009i	-1.2329-0.0554i	0.0682-0.1343i
8.5	-0.6844-0.0360i	-9.9711+0.2706i	-0.1048-0.0023i	-1.2573-0.0613i	-0.2208-0.1529i	0.0383-0.0000i	-1.2486-0.0495i	0.1355-0.1639i
8.6	-0.6854-0.0273i	-10.2355+0.3451i	-0.1051-0.0007i	-1.2679-0.0587i	-0.1894-0.1403i	0.0414+0.0014i	-1.2582-0.0490i	0.1785-0.1514i
8.7	-0.6822-0.0170i	-10.4420+0.4010i	-0.1058+0.0026i	-1.2719-0.0522i	-0.1563-0.1624i	0.0455+0.0021i	-1.2655-0.0415i	0.2224-0.1723i
8.8	-0.6779-0.0078i	-10.6742+0.3690i	-0.1061+0.0044i	-1.2815-0.0505i	-0.0869-0.2213i	0.0468+0.0017i	-1.2775-0.0411i	0.3025-0.2307i
8.9	-0.6749-0.0081i	-11.1842+0.3543i	-0.1086+0.0093i	-1.2991-0.0516i	-0.1130-0.3014i	0.0451+0.0038i	-1.2973-0.0398i	0.2967-0.3125i
9.0	-0.6618-0.0062i	-11.5843+0.4681i	-0.1085+0.0158i	-1.3257-0.0455i	-0.2165-0.4206i	0.0503+0.0076i	-1.3211-0.0316i	0.2177-0.4275i
9.1	-0.6569-0.0061i	-12.1139+0.3120i	-0.1061+0.0134i	-1.3445-0.0494i	-0.2813-0.4726i	0.0552+0.0089i	-1.3354-0.0349i	0.1789-0.4771i
9.2	-0.6531-0.0113i	-12.4777+0.3290i	-0.1053+0.0136i	-1.3559-0.0483i	-0.3133-0.4641i	0.0579+0.0070i	-1.3480-0.0334i	0.1651-0.4693i
9.3	-0.6431-0.0112i	-12.8864+0.5767i	-0.1030+0.0224i	-1.3815-0.0429i	-0.4212-0.5608i	0.0624+0.0137i	-1.3718-0.0249i	0.0778-0.5711i
9.4	-0.6280-0.0204i	-13.2491+0.6687i	-0.0902+0.0255i	-1.4057-0.0367i	-0.6355-0.4656i	0.0742+0.0163i	-1.3922-0.0210i	-0.1100-0.4797i
9.5	-0.6275-0.0390i	-13.9752+0.6062i	-0.0881+0.0238i	-1.4305-0.0374i	-0.7791-0.3613i	0.0821+0.0162i	-1.4157-0.0237i	-0.2208-0.3810i
9.6	-0.6319-0.0574i	-14.5739+0.6002i	-0.0882+0.0212i	-1.4535-0.0377i	-0.7363-0.2799i	0.0888+0.0097i	-1.4379-0.0232i	-0.1550-0.3066i
9.7	-0.6329-0.0790i	-15.0438+0.5181i	-0.0854+0.0173i	-1.4752-0.0386i	-0.6989-0.2408i	0.0942+0.0041i	-1.4621-0.0248i	-0.1014-0.2714i
9.8	-0.6373-0.1041i	-15.4481+0.7258i	-0.0814+0.0178i	-1.4974-0.0318i	-0.6842-0.1770i	0.1015+0.0007i	-1.4858-0.0202i	-0.0649-0.2167i
9.9	-0.6531-0.1250i	-15.9988+1.0454i	-0.0790+0.0158i	-1.5195-0.0222i	-0.6807-0.1404i	0.1087-0.0070i	-1.5075-0.0101i	-0.0351-0.1835i
10.0	-0.6881-0.1545i	-16.8534+1.1009i	-0.0783+0.0064i	-1.5595-0.0084i	-0.6894-0.1316i	0.1164-0.0237i	-1.5418-0.0022i	-0.0042-0.1779i
10.1	-0.7299-0.1784i	-17.6109+0.9112i	-0.0782-0.0093i	-1.5952-0.0104i	-0.7020-0.1396i	0.1201-0.0448i	-1.5789-0.0053i	0.0291-0.1877i
10.2	-0.7744-0.1788i	-18.2957+0.9296i	-0.0841-0.0289i	-1.6300-0.0118i	-0.7047-0.1229i	0.1138-0.0710i	-1.6118-0.0042i	0.0714-0.1795i
10.3	-0.8150-0.1630i	-18.6837+1.5238i	-0.1024-0.0335i	-1.6570+0.0083i	-0.6758-0.0634i	0.0954-0.0818i	-1.6383+0.0187i	0.1376-0.1567i
10.4	-0.8412-0.1525i	-19.2273+1.7382i	-0.1227-0.0321i	-1.6808+0.0175i	-0.6602-0.0480i	0.0783-0.0843i	-1.6661+0.0287i	0.1875-0.1631i
10.5	-0.8572-0.1365i	-19.5040+1.7799i	-0.1319-0.0230i	-1.6930+0.0260i	-0.6047-0.0647i	0.0641-0.0779i	-1.6856+0.0323i	0.2676-0.2105i
10.6	-0.8721-0.1249i	-20.2998+1.7163i	-0.1366+0.0001i	-1.7312+0.0236i	-0.6187-0.0888i	0.0563-0.0575i	-1.7260+0.0295i	0.2765-0.2796i
10.7	-0.8929-0.1153i	-21.0826+1.6483i	-0.1395+0.0150i	-1.7685+0.0239i	-0.6411-0.1056i	0.0530-0.0456i	-1.7638+0.0362i	0.2707-0.3250i
10.8	-0.9077-0.1017i	-21.3411+1.9795i	-0.1290+0.0276i	-1.7917+0.0347i	-0.6212-0.0981i	0.0568-0.0368i	-1.7866+0.0492i	0.2990-0.3507i
10.9	-0.9274-0.0928i	-22.4014+1.9108i	-0.1208+0.0284i	-1.8480+0.0374i	-0.6282-0.1325i	0.0734-0.0354i	-1.8408+0.0573i	0.3100-0.3976i
11.0	-0.9352-0.0856i	-22.7546+1.7955i	-0.1096+0.0293i	-1.8729+0.0405i	-0.6225-0.1633i	0.0865-0.0332i	-1.8640+0.0644i	0.3076-0.4496i
11.1	-0.9518-0.0737i	-23.6729+1.8320i	-0.0935+0.0216i	-1.9183+0.0576i	-0.6302-0.2049i	0.1017-0.0452i	-1.9065+0.0804i	0.2993-0.4916i
11.2	-0.9652-0.0698i	-24.4342+1.5183i	-0.0817+0.0056i	-1.9604+0.0535i	-0.6391-0.2673i	0.1144-0.0610i	-1.9447+0.0825i	0.2968-0.5439i
11.3	-0.9664-0.0544i	-25.2427+1.5227i	-0.0832-0.0283i	-1.9938+0.0597i	-0.7127-0.3568i	0.1104-0.0833i	-1.9765+0.0874i	0.2449-0.6293i
11.4	-0.9664-0.0430i	-26.0769+1.6725i	-0.0991-0.0507i	-2.0355+0.0686i	-0.8152-0.4094i	0.1017-0.0992i	-2.0125+0.0897i	0.1625-0.6626i
11.5	-0.9739-0.0489i	-27.2938+1.4702i	-0.1275-0.0642i	-2.0934+0.0542i	-0.9685-0.4474i	0.0791-0.1097i	-2.0670+0.0790i	0.0446-0.6886i
11.6	-0.9968-0.0602i	-29.1820+1.1714i	-0.1698-0.0611i	-2.1883+0.0385i	-1.1593-0.4140i	0.0502-0.1056i	-2.1564+0.0597i	-0.0856-0.6264i
11.7	-1.0211-0.0600i	-30.8717+1.4349i	-0.1942-0.0493i	-2.2822+0.0522i	-1.2693-0.3306i	0.0427-0.0898i	-2.2468+0.0726i	-0.1340-0.5363i
11.8	-1.0441-0.0570i	-32.4870+1.9278i	-0.2098-0.0236i	-2.3858+0.0789i	-1.3499-0.2032i	0.0443-0.0664i	-2.3488+0.0981i	-0.1457-0.4149i
11.9	-1.0635-0.0620i	-33.9071+1.8839i	-0.2153-0.0046i	-2.4834+0.0915i	-1.3792-0.1131i	0.0540-0.0522i	-2.4468+0.1094i	-0.1109-0.3236i

12.0	-1.1021-0.0516i	-36.6234+2.8725i	-0.2167+0.0102i	-2.6399+0.1781i	-1.3929-0.0275i	0.0773-0.0538i	-2.5980+0.1952i	-0.0239-0.2585i
12.1	-1.1232-0.0430i	-38.5653+3.8538i	-0.2184+0.0208i	-2.7601+0.2637i	-1.4128+0.0248i	0.0976-0.0619i	-2.7167+0.2773i	0.0427-0.2358i
12.2	-1.1285-0.0299i	-39.3322+5.5768i	-0.2166+0.0281i	-2.8261+0.3844i	-1.4012+0.0733i	0.1107-0.0769i	-2.7816+0.3966i	0.1130-0.2338i
12.3	-1.1114-0.0370i	-38.9245+6.6933i	-0.2168+0.0259i	-2.8432+0.5026i	-1.3644+0.0721i	0.1193-0.1040i	-2.7990+0.5144i	0.1807-0.2716i
12.4	-1.1158-0.0634i	-39.5162+6.8208i	-0.2322+0.0362i	-2.8946+0.5826i	-1.3982+0.0666i	0.1123-0.1212i	-2.8492+0.5958i	0.1927-0.2950i
12.5	-1.1490-0.1044i	-40.9459+7.0313i	-0.2466+0.0621i	-2.9463+0.7130i	-1.4647+0.0942i	0.1012-0.1311i	-2.9021+0.7217i	0.2104-0.2867i
12.6	-1.2123-0.1729i	-43.1339+6.2246i	-0.2502+0.0859i	-3.0202+0.8377i	-1.5470+0.0971i	0.0943-0.1473i	-2.9740+0.8423i	0.2540-0.2828i
12.7	-1.2735-0.2197i	-44.4679+5.9570i	-0.2382+0.1125i	-3.0153+0.9549i	-1.5858+0.1203i	0.0889-0.1633i	-2.9682+0.9598i	0.2956-0.2789i
12.8	-1.3858-0.2324i	-46.6809+6.7936i	-0.2187+0.1396i	-2.9514+1.0932i	-1.6511+0.1764i	0.0696-0.1753i	-2.9034+1.0960i	0.3220-0.2841i
12.9	-1.5025-0.2370i	-48.4601+6.8389i	-0.1920+0.1490i	-2.8318+1.1682i	-1.7055+0.1962i	0.0446-0.1873i	-2.7867+1.1711i	0.3514-0.2973i
13.0	-1.6224-0.2094i	-50.7259+6.5373i	-0.1598+0.1389i	-2.7318+1.1118i	-1.7707+0.2164i	0.0177-0.1787i	-2.6897+1.1169i	0.3875-0.2891i
13.1	-1.7471-0.1384i	-54.5027+7.7368i	-0.1477+0.1240i	-2.7395+1.0683i	-1.8890+0.2695i	-0.0078-0.1661i	-2.6968+1.0696i	0.4165-0.2826i
13.2	-1.8553-0.0615i	-58.3871+8.2897i	-0.1407+0.1026i	-2.7897+0.9884i	-2.0034+0.3138i	-0.0244-0.1534i	-2.7473+0.9879i	0.4762-0.2682i
13.3	-1.8989+0.0110i	-61.2576+9.2413i	-0.1458+0.0853i	-2.8951+0.8915i	-2.0816+0.4026i	-0.0244-0.1301i	-2.8500+0.8883i	0.5663-0.2613i
13.4	-1.9588+0.0656i	-65.1031+10.3196i	-0.1603+0.0619i	-3.0433+0.8395i	-2.2011+0.4626i	-0.0279-0.1258i	-2.9912+0.8375i	0.6424-0.2817i
13.5	-2.0048+0.0688i	-68.2613+9.4775i	-0.1689+0.0399i	-3.1860+0.7341i	-2.2935+0.4776i	-0.0278-0.1233i	-3.1305+0.7326i	0.7287-0.2973i
13.6	-2.0956+0.1241i	-73.5325+12.2965i	-0.1991+0.0424i	-3.4451+0.7543i	-2.4398+0.6793i	-0.0352-0.1015i	-3.3868+0.7481i	0.8465-0.3045i
13.7	-2.2011+0.1619i	-78.2473+14.3387i	-0.2331+0.0467i	-3.6977+0.7916i	-2.5078+0.8205i	-0.0421-0.0875i	-3.6375+0.7866i	0.9497-0.3416i
13.8	-2.3355+0.2519i	-82.5288+18.8622i	-0.2699+0.0772i	-3.9826+0.9221i	-2.5146+1.0366i	-0.0414-0.0517i	-3.9300+0.9120i	1.0932-0.3703i
13.9	-2.4571+0.2946i	-86.5401+19.5696i	-0.2897+0.0845i	-4.2273+0.9946i	-2.5761+1.0243i	-0.0277-0.0526i	-4.1713+0.9912i	1.2204-0.4471i
14.0	-2.6167+0.4638i	-94.0441+25.0724i	-0.3303+0.1243i	-4.5886+1.2590i	-2.7255+1.1984i	-0.0328-0.0335i	-4.5231+1.2508i	1.3749-0.5783i
14.1	-2.7525+0.6185i	-100.9176+29.8649i	-0.3512+0.1713i	-4.9099+1.5214i	-2.8401+1.3379i	-0.0184-0.0011i	-4.8324+1.5101i	1.5583-0.7532i
14.2	-2.8368+0.7268i	-105.2427+34.0415i	-0.3406+0.2055i	-5.1192+1.7479i	-2.9263+1.4293i	0.0188+0.0148i	-5.0336+1.7278i	1.6796-0.9452i
14.3	-2.9257+0.8644i	-109.6190+39.7569i	-0.3400+0.2447i	-5.3185+2.0246i	-3.0734+1.5792i	0.0377+0.0267i	-5.2231+1.9908i	1.7368-1.1342i
14.4	-3.2230+1.0716i	-121.1599+47.1662i	-0.3626+0.3026i	-5.8042+2.4425i	-3.4481+1.8561i	0.0465+0.0408i	-5.7060+2.3972i	1.8477-1.4251i
14.5	-3.3435+1.3945i	-125.8321+57.9564i	-0.3514+0.3792i	-5.9728+2.9713i	-3.5563+2.2884i	0.0685+0.0775i	-5.8757+2.9042i	1.8704-1.6867i
14.6	-3.5361+1.8402i	-133.9096+70.0431i	-0.3007+0.4742i	-6.2636+3.6533i	-3.6594+2.8027i	0.1445+0.1118i	-6.1719+3.5687i	1.9269-2.1589i
14.7	-3.4549+2.2122i	-131.4456+81.0988i	-0.2221+0.5672i	-6.0999+4.1830i	-3.4919+3.2468i	0.2075+0.1622i	-6.0158+4.0765i	1.7474-2.3911i
14.8	-3.0458+2.6168i	-127.6161+92.1749i	0.0113+0.5659i	-5.6961+4.6637i	-2.9634+3.6703i	0.4052+0.1387i	-5.6470+4.5384i	1.3175-2.4184i
14.9	-2.8042+2.7700i	-130.6331+99.6295i	0.1760+0.4687i	-5.6007+4.9085i	-2.5973+3.7737i	0.5591+0.0311i	-5.5784+4.7931i	1.2483-2.3152i
15.0	-2.9467+2.6675i	-145.0906+102.5858i	0.1869+0.3203i	-6.1169+4.8696i	-2.8218+3.5562i	0.6185-0.1191i	-6.1017+4.7635i	1.5079-2.3278i
15.1	-3.2502+2.7226i	-161.2712+115.6018i	0.1715+0.2097i	-6.8805+5.2372i	-3.1629+3.6953i	0.6681-0.2627i	-6.8643+5.1398i	1.9883-2.4013i
15.2	-3.5573+3.0648i	-172.8690+137.6582i	0.1439+0.1019i	-7.4949+6.1325i	-3.3759+4.0680i	0.6909-0.4432i	-7.4939+6.0357i	2.5438-2.8108i
15.3	-3.8013+3.8993i	-180.8784+182.3444i	0.0873+0.0670i	-7.9241+8.0085i	-3.5061+5.0734i	0.6833-0.6227i	-7.9399+7.8910i	2.9550-3.6580i
15.4	-3.9896+5.0662i	-186.0840+236.1826i	0.0097+0.0376i	-8.1726+10.3319i	-3.6217+6.2632i	0.6373-0.8391i	-8.2206+10.2162i	3.1354-5.0261i
15.5	-3.4070+6.9969i	-157.2983+320.5907i	-0.1139+0.0685i	-6.9173+13.9867i	-3.0089+8.1793i	0.4084-1.1113i	-7.0108+13.8877i	2.2644-7.0812i
15.6	-1.4942+8.3630i	-67.9681+377.8208i	-0.1340+0.1867i	-3.1316+16.4174i	-0.9934+9.6081i	0.0642-1.1998i	-3.2333+16.3734i	0.0831-8.1805i
15.7	1.4508+7.9344i	57.7987+353.0215i	-0.0895+0.2771i	2.1920+15.3306i	2.0582+9.1286i	-0.3181-1.0173i	2.1169+15.3432i	-2.7400-7.4088i
15.8	2.8894+7.2201i	109.7005+317.6045i	-0.1369+0.2963i	4.5059+13.9286i	3.2434+8.3148i	-0.5508-0.8865i	4.4736+13.9530i	-4.3512-6.6510i
15.9	4.3556+5.7335i	166.6077+258.5312i	-0.1357+0.4332i	7.0169+11.3145i	4.4795+7.1390i	-0.7579-0.5322i	7.0094+11.3210i	-5.9122-4.6034i
16.0	4.4968+4.3439i	162.0502+202.6027i	-0.1214+0.4361i	6.8704+9.0486i	4.6014+5.8007i	-0.7302-0.3678i	6.8804+9.0334i	-5.7790-3.2576i
16.1	4.4246+3.5250i	152.1600+175.3702i	-0.1005+0.4537i	6.5636+7.9204i	4.6142+5.1360i	-0.6862-0.2652i	6.5680+7.8910i	-5.5505-2.4593i
16.2	4.2468+2.6782i	143.9946+149.3474i	-0.0011+0.4548i	6.2599+6.7979i	4.7667+4.3556i	-0.5666-0.1802i	6.2516+6.7594i	-4.9770-1.7078i
16.3	4.0949+2.0407i	135.1501+133.1559i	0.0262+0.5083i	6.0346+6.1061i	4.6610+3.8651i	-0.5376-0.0806i	6.0178+6.0583i	-4.7824-1.1063i
16.4	3.8961+1.6090i	126.5076+124.5667i	0.0673+0.5602i	5.8159+5.6790i	4.5090+3.6037i	-0.4982+0.0052i	5.7885+5.6342i	-4.5806-0.6416i
16.5	3.6184+1.1685i	119.8920+117.5299i	0.1653+0.5834i	5.6274+5.2144i	4.4921+3.3003i	-0.3990+0.0775i	5.5913+5.1731i	-4.1486-0.1697i
16.6	3.3632+0.8600i	119.3778+117.7650i	0.2817+0.5156i	5.6175+5.0594i	4.5525+2.8957i	-0.2940+0.0382i	5.5802+5.0372i	-3.7570-0.1171i
16.7	3.0480+0.6264i	115.5904+114.7465i	0.3362+0.3834i	5.3872+4.8393i	4.3853+2.4208i	-0.2253-0.0630i	5.3555+4.8286i	-3.3618-0.2152i
16.8	2.7463+0.4645i	120.6976+106.3813i	0.3416+0.2524i	5.5219+4.4355i	4.2446+1.9685i	-0.2228-0.1538i	5.4991+4.4243i	-3.1108-0.2973i
16.9	2.6905+0.2581i	125.0437+93.4834i	0.3023+0.2765i	5.7619+3.7916i	4.1140+1.8750i	-0.2880-0.0650i	5.7454+3.7777i	-3.2582+0.1297i
17.0	2.4978+0.0727i	120.8792+88.6071i	0.3329+0.2729i	5.5307+3.4777i	4.0706+1.7741i	-0.2363-0.0339i	5.5110+3.4646i	-2.9515+0.3506i
17.1	2.1497-0.0743i	123.9456+85.8451i	0.3898+0.1532i	5.4696+3.3037i	4.1855+1.4276i	-0.1647-0.1370i	5.4443+3.2914i	-2.3868+0.1758i
17.2	1.9982+0.0257i	124.3771+71.6529i	0.2335+0.0884i	5.4556+2.8762i	3.7451+1.1820i	-0.3202-0.1670i	5.4392+2.8585i	-2.7011-0.0611i
17.3	1.9800+0.0148i	117.3958+61.5881i	0.1766+0.1386i	5.2490+2.4940i	3.5922+1.2077i	-0.3626-0.0793i	5.2325+2.4749i	-2.7979+0.1524i
17.4	1.9306-0.0903i	110.3810+56.2934i	0.2284+0.1369i	5.0250+2.2354i	3.7186+1.0011i	-0.2944-0.0562i	5.0049+2.2211i	-2.5723+0.2289i
17.5	1.8594-0.1824i	105.1025+53.9969i	0.1845+0.0976i	4.8271+2.0986i	3.4766+0.7390i	-0.3199-0.0816i	4.8127+2.0856i	-2.6595+0.1860i
17.6	1.8082-0.2601i	101.9657+52.7846i	0.1645+0.1512i	4.7149+2.0069i	3.3300+0.8827i	-0.3315-0.0148i	4.7029+1.9923i	-2.7048+0.4882i
17.7	1.7101-0.4103i	97.6734+50.2381i	0.2180+0.1847i	4.5537+1.8215i	3.4765+0.8981i	-0.2637+0.0398i	4.5384+1.8033i	-2.3820+0.8312i
17.8	1.5922-0.5267i	94.7695+49.6905i	0.2235+0.1369i	4.4272+1.7361i	3.4650+0.6129i	-0.2450+0.0061i	4.4116+1.7186i	-2.1739+0.7805i
17.9	1.4442-0.6563i	94.7599+50.0169i	0.2267+0.1474i	4.3967+1.6865i	3.3668+0.5353i	-0.2334+0.0237i	4.3793+1.6650i	-2.0361+0.9222i
18.0	1.2755-0.7301i	94.2971+48.7169i	0.2020+0.1839i	4.3343+1.6044i	3.1630+0.5989i	-0.2482+0.0702i	4.3161+1.5786i	-1.9523+1.1013i
18.1	1.1017-0.7771i	94.3980+45.8552i	0.2423+0.1877i	4.3172+1.4553i	3.2609+0.5563i	-0.2036+0.0870i	4.2949+1.4298i	-1.6260+1.1847i
18.2	0.9305-0.7877i	93.5695+43.3314i	0.2944+0.1719i	4.2591+1.3385i	3.3835+0.4420i	-0.1455+0.0794i	4.2335+1.3173i	-1.2667+1.1317i

18.3	0.7821−0.7530i	92.3871+40.5839i	0.3113+0.1323i	4.1876+1.2415i	3.4090+0.2483i	−0.1207+0.0465i	4.1585+1.2258i	−1.0339+0.9249i
18.4	0.6750−0.7274i	90.5943+38.1796i	0.3557+0.1128i	4.1257+1.1767i	3.6084+0.1302i	−0.0681+0.0321i	4.0910+1.1642i	−0.7292+0.7757i
18.5	0.5891−0.6915i	87.7278+37.1451i	0.3907+0.0042i	4.0464+1.1293i	3.7104−0.4888i	−0.0278−0.0728i	4.0086+1.1313i	−0.5656+0.1906i
18.6	0.5282−0.6930i	86.1964+37.4716i	0.2881−0.1341i	4.0114+1.0762i	3.0452−1.2508i	−0.1288−0.2034i	3.9883+1.0896i	−1.1201−0.3829i
18.7	0.3937−0.7394i	86.3640+36.7419i	0.1338−0.0705i	3.9435+1.0041i	2.1246−0.8818i	−0.2721−0.1279i	3.9363+1.0039i	−1.6734+0.1173i
18.8	0.2491−0.7483i	87.9004+34.6575i	0.1480+0.0081i	3.9718+0.9125i	2.1156−0.4415i	−0.2553−0.0399i	3.9559+0.9036i	−1.4650+0.5706i
18.9	0.0940−0.6254i	86.8967+31.0034i	0.1501+0.0202i	3.9014+0.8092i	2.0840−0.3115i	−0.2462−0.0237i	3.8842+0.8028i	−1.2425+0.5467i
19.0	0.0137−0.5261i	85.5742+28.4229i	0.1375+0.0237i	3.8572+0.7431i	2.0098−0.2704i	−0.2573−0.0178i	3.8440+0.7377i	−1.1778+0.4697i
19.1	−0.0423−0.4172i	83.7691+26.3451i	0.1337+0.0340i	3.8173+0.7070i	2.0022−0.1731i	−0.2562−0.0034i	3.8029+0.6998i	−1.1056+0.4118i
19.2	−0.0647−0.3383i	82.4376+24.0464i	0.1445+0.0309i	3.8235+0.6026i	2.0584−0.1718i	−0.2469+0.0042i	3.8096+0.5970i	−1.0418+0.3596i
19.3	−0.0818−0.2846i	81.2283+22.4098i	0.1638+0.0389i	3.8605+0.5377i	2.1392−0.1578i	−0.2338+0.0169i	3.8461+0.5280i	−0.9777+0.3440i
19.4	−0.0847−0.2273i	78.7984+21.5181i	0.1601+0.0402i	3.8109+0.5127i	2.1014−0.1614i	−0.2334+0.0204i	3.7967+0.5018i	−0.9728+0.2758i
19.5	−0.0828−0.2003i	76.9612+20.8406i	0.1689+0.0334i	3.7896+0.4456i	2.1113−0.2440i	−0.2241+0.0219i	3.7737+0.4363i	−0.9381+0.2232i
19.6	−0.0957−0.1926i	76.0792+20.3118i	0.1763+0.0362i	3.8078+0.3976i	2.1100−0.2889i	−0.2186+0.0311i	3.7908+0.3869i	−0.9110+0.1997i
19.7	−0.1245−0.1693i	74.6546+19.6274i	0.1725+0.0285i	3.7994+0.3456i	2.0272−0.3454i	−0.2181+0.0291i	3.7825+0.3350i	−0.9073+0.1162i
19.8	−0.1497−0.1442i	73.3613+19.1947i	0.1693+0.0178i	3.7655+0.3276i	1.9342−0.3678i	−0.2154+0.0216i	3.7474+0.3181i	−0.9288+0.0208i
19.9	−0.1887−0.1238i	72.7812+18.3297i	0.1728+0.0133i	3.7994+0.3035i	1.8673−0.3593i	−0.2148+0.0188i	3.7806+0.2941i	−0.9595−0.0319i
20.0	−0.2299−0.0736i	72.3503+16.1957i	0.1831−0.0040i	3.8933+0.1490i	1.8424−0.3812i	−0.2103+0.0118i	3.8741+0.1379i	−0.9900−0.0641i
20.1	−0.2596−0.0364i	70.8237+15.1682i	0.1890−0.0034i	3.9629+0.1167i	1.8569−0.3034i	−0.2105+0.0120i	3.9448+0.1042i	−1.0121−0.0761i
20.2	−0.2713−0.0090i	68.8407+14.5060i	0.1763−0.0154i	3.9880+0.0867i	1.8165−0.2971i	−0.2278−0.0001i	3.9718+0.0756i	−1.0802−0.1328i
20.3	−0.2930+0.0263i	67.4422+14.1459i	0.1704−0.0297i	4.0664−0.0357i	1.8242−0.3362i	−0.2421−0.0018i	4.0482−0.0495i	−1.1433−0.1628i
20.4	−0.3187+0.0607i	66.3063+13.1662i	0.1615−0.0460i	4.1155−0.2004i	1.8088−0.3997i	−0.2545−0.0020i	4.0927−0.2162i	−1.1884−0.1824i
20.5	−0.3574+0.1100i	65.0874+12.8593i	0.1529−0.0531i	4.2583−0.3752i	1.8003−0.4390i	−0.2796+0.0085i	4.2298−0.3894i	−1.2958−0.1722i
20.6	−0.3854+0.1613i	63.9986+12.6587i	0.1458−0.0565i	4.3530−0.5365i	1.7816−0.4660i	−0.2983+0.0205i	4.3212−0.5499i	−1.3827−0.1534i
20.7	−0.4230+0.2143i	62.7764+12.9537i	0.1377−0.0459i	4.4925−0.6848i	1.7583−0.4356i	−0.3195+0.0464i	4.4566−0.6961i	−1.4856−0.0918i
20.8	−0.4321+0.2872i	61.7494+13.0983i	0.1311−0.0534i	4.5962−1.0019i	1.7412−0.4906i	−0.3357+0.0733i	4.5522−1.0076i	−1.5751+0.0006i
20.9	−0.4262+0.3513i	60.9287+12.6973i	0.1185−0.0536i	4.5461−1.3608i	1.6751−0.5398i	−0.3399+0.1083i	4.5024−1.3600i	−1.5922+0.1246i
21.0	−0.4324+0.4191i	60.1595+12.4000i	0.1238−0.0512i	4.5318−1.7099i	1.6679−0.5676i	−0.3314+0.1402i	4.4872−1.7037i	−1.5713+0.2355i
21.1	−0.4766+0.5369i	59.4669+12.8342i	0.1396−0.0487i	4.6916−2.2209i	1.7010−0.6011i	−0.3298+0.1880i	4.6442−2.2070i	−1.5890+0.3706i
21.2	−0.4770+0.6327i	58.2571+13.4293i	0.1330−0.0460i	4.6303−2.5742i	1.6470−0.5959i	−0.3316+0.2208i	4.5845−2.5550i	−1.5977+0.4618i
21.3	−0.4353+0.7075i	56.9823+13.4531i	0.1217−0.0492i	4.3238−2.9045i	1.5513−0.5898i	−0.3184+0.2468i	4.2844−2.8779i	−1.5414+0.5411i
21.4	−0.3642+0.8106i	56.5321+13.1667i	0.1175−0.0629i	3.9247−3.4444i	1.4770−0.6662i	−0.2871+0.2845i	3.8937−3.4110i	−1.4503+0.6591i
21.5	−0.3043+0.9044i	56.3578+13.6823i	0.1183−0.0726i	3.5725−3.8277i	1.4450−0.7019i	−0.2523+0.3128i	3.5461−3.7915i	−1.3671+0.7261i
21.6	−0.1444+0.9941i	56.7640+14.1703i	0.1080−0.0832i	2.8393−4.1575i	1.3752−0.7148i	−0.1951+0.3335i	2.8220−4.1187i	−1.2273+0.7916i
21.7	−0.0376+1.0420i	56.4778+14.8148i	0.1000−0.0795i	2.3408−4.2043i	1.3103−0.6480i	−0.1590+0.3399i	2.3295−4.1646i	−1.1345+0.7916i
21.8	0.1580+1.0390i	56.5305+13.8987i	0.0806−0.0914i	1.4301−4.1183i	1.1820−0.6781i	−0.0930+0.3189i	1.4309−4.0836i	−0.9543+0.7508i
21.9	0.2610+0.9201i	56.0402+12.8073i	0.0602−0.0806i	0.9561−3.5807i	1.1138−0.5915i	−0.0726+0.2813i	0.9600−3.5526i	−0.8924+0.6742i
22.0	0.3519+0.8364i	56.1260+12.0780i	0.0516−0.0715i	0.5507−3.1469i	1.0859−0.5188i	−0.0492+0.2504i	0.5562−3.1273i	−0.8280+0.6163i
22.1	0.3807+0.8269i	55.8195+12.1444i	0.0599−0.0618i	0.4846−2.9949i	1.1231−0.4754i	−0.0359+0.2489i	0.4889−2.9771i	−0.7875+0.6128i
22.2	0.4150+0.7475i	55.1038+11.5997i	0.0565−0.0527i	0.4281−2.5947i	1.1293−0.4282i	−0.0349+0.2248i	0.4304−2.5798i	−0.7821+0.5612i
22.3	0.4587+0.7468i	54.7764+11.6173i	0.0506−0.0548i	0.3842−2.4692i	1.1327−0.4275i	−0.0391+0.2138i	0.3872−2.4576i	−0.7919+0.5288i
22.4	0.4943+0.7586i	54.7874+11.8869i	0.0640−0.0558i	0.4325−2.3998i	1.2109−0.4295i	−0.0329+0.2109i	0.4315−2.3920i	−0.7674+0.5110i
22.5	0.5085+0.7031i	53.8807+11.6240i	0.0673−0.0587i	0.5601−2.2671i	1.2355−0.4612i	−0.0407+0.2041i	0.5575−2.2589i	−0.7684+0.4784i
22.6	0.5442+0.6705i	53.2976+11.4575i	0.0632−0.0663i	0.5876−2.2587i	1.2124−0.5119i	−0.0475+0.2053i	0.5835−2.2487i	−0.7766+0.4702i
22.7	0.5846+0.6638i	52.9588+11.7484i	0.0614−0.0673i	0.6094−2.3223i	1.2238−0.5277i	−0.0491+0.2156i	0.6069−2.3140i	−0.7847+0.4715i
22.8	0.6525+0.6059i	52.7204+11.3666i	0.0604−0.0684i	0.4479−2.3795i	1.2012−0.5662i	−0.0260+0.2222i	0.4439−2.3720i	−0.7198+0.4853i
22.9	0.6733+0.5865i	52.2191+11.8906i	0.0648−0.0739i	0.4053−2.4765i	1.2120−0.5992i	−0.0110+0.2289i	0.3997−2.4636i	−0.6715+0.4659i
23.0	0.7266+0.5482i	51.9487+11.9412i	0.0604−0.0950i	0.2319−2.6562i	1.1505−0.7130i	0.0121+0.2331i	0.2296−2.6390i	−0.6268+0.4438i
23.1	0.8188+0.4622i	52.4501+11.7235i	0.0341−0.1008i	−0.1085−2.7158i	1.0249−0.7715i	0.0268+0.2361i	−0.1062−2.6983i	−0.6436+0.4521i
23.2	0.8078+0.3578i	52.0514+11.5337i	0.0225−0.0912i	−0.3281−2.4446i	0.9452−0.6897i	0.0395+0.2132i	−0.3221−2.4320i	−0.6197+0.3900i
23.3	0.8191+0.2243i	52.1013+10.8002i	0.0051−0.0791i	−0.7244−2.2320i	0.8058−0.6240i	0.0724+0.1987i	−0.7173−2.2223i	−0.5502+0.3710i
23.4	0.8305+0.1405i	52.3767+10.8346i	−0.0164−0.0702i	−1.0097−2.1397i	0.6935−0.5902i	0.0864+0.1970i	−1.0012−2.1324i	−0.5696+0.3686i
23.5	0.7915+0.0573i	52.1434+10.4464i	−0.0165−0.0664i	−1.1657−1.8444i	0.6747−0.5377i	0.1030+0.1652i	−1.1582−1.8378i	−0.5441+0.2946i
23.6	0.7358−0.0017i	51.8759+10.1868i	−0.0025−0.0564i	−1.1441−1.5408i	0.7536−0.4601i	0.1141+0.1435i	−1.1373−1.5338i	−0.5192+0.2495i
23.7	0.6828−0.1173i	51.6953+9.0135i	0.0003−0.0395i	−1.2212−1.0480i	0.7659−0.3671i	0.1205+0.1054i	−1.2170−1.0424i	−0.5127+0.2170i
23.8	0.6379−0.1713i	51.4309+8.9724i	0.0096−0.0285i	−1.1268−0.8695i	0.8158−0.3202i	0.1185+0.1024i	−1.1234−0.8668i	−0.5219+0.2341i
23.9	0.5209−0.1979i	50.2779+8.9700i	0.0176−0.0223i	−0.8668−0.6038i	0.8640−0.2715i	0.0974+0.0812i	−0.8700−0.6040i	−0.5426+0.1744i
24.0	0.4471−0.1715i	49.5308+9.2602i	0.0227−0.0254i	−0.6966−0.5089i	0.8891−0.2403i	0.0824+0.0658i	−0.6965−0.5088i	−0.5495+0.1113i
24.1	0.3821−0.1898i	49.0845+8.5468i	0.0191−0.0297i	−0.5890−0.3518i	0.8726−0.2453i	0.0701+0.0461i	−0.5877−0.3492i	−0.5695+0.0876i
24.2	0.3424−0.1816i	49.2079+8.7869i	0.0249−0.0268i	−0.5256−0.2756i	0.9208−0.2149i	0.0711+0.0350i	−0.5290−0.2723i	−0.6121+0.0416i
24.3	0.2826−0.1649i	48.4539+8.7229i	0.0259−0.0171i	−0.4188−0.2194i	0.9250−0.1575i	0.0623+0.0341i	−0.4218−0.2173i	−0.5991+0.0393i
24.4	0.2430−0.1298i	47.5342+8.6807i	0.0173−0.0259i	−0.2994−0.2116i	0.8842−0.1711i	0.0428+0.0270i	−0.3012−0.2087i	−0.6276−0.0091i
24.5	0.2257−0.1115i	47.5365+8.6986i	0.0237−0.0460i	−0.2409−0.2311i	0.9390−0.2448i	0.0443+0.0129i	−0.2421−0.2255i	−0.6606−0.0399i

24.6	0.2112-0.1057i	47.4454+8.7168i	0.0346-0.0442i	-0.2098-0.2090i	1.0109-0.2470i	0.0504+0.0109i	-0.2116-0.2038i	-0.6646-0.0483i
24.7	0.2139-0.0983i	47.5006+8.8585i	0.0330-0.0383i	-0.1631-0.2055i	1.0560-0.2349i	0.0466+0.0200i	-0.1658-0.2009i	-0.7179-0.0233i
24.8	0.1917-0.0767i	46.6216+8.7566i	0.0206-0.0433i	-0.0773-0.1824i	1.0186-0.2375i	0.0257+0.0075i	-0.0819-0.1766i	-0.7566-0.0693i
24.9	0.1715-0.0722i	45.9432+8.7581i	0.0125-0.0375i	-0.0237-0.1586i	0.9846-0.2032i	0.0135+0.0116i	-0.0260-0.1525i	-0.7707-0.0636i
25.0	0.1839-0.0770i	46.1649+9.2374i	0.0058-0.0297i	-0.0288-0.1752i	1.0049-0.1860i	0.0092+0.0249i	-0.0286-0.1730i	-0.8524-0.0331i
25.1	0.1762-0.0974i	46.0834+8.7235i	0.0082-0.0345i	0.0083-0.1200i	1.0360-0.2408i	0.0072+0.0117i	0.0066-0.1179i	-0.8723-0.0122i
25.2	0.1533-0.1144i	45.9948+8.2436i	0.0104-0.0438i	0.0385-0.1107i	1.0329-0.3199i	0.0092+0.0020i	0.0368-0.1069i	-0.8566+0.0223i
25.3	0.1195-0.0947i	44.9710+8.8444i	0.0056-0.0380i	0.1181-0.1486i	1.0166-0.2636i	-0.0031+0.0122i	0.1173-0.1433i	-0.8591-0.0125i
25.4	0.1020-0.0939i	44.6867+9.1376i	0.0007-0.0320i	0.1420-0.1442i	1.0184-0.2427i	-0.0095+0.0161i	0.1427-0.1382i	-0.9080-0.0126i
25.5	0.0899-0.0964i	45.1253+9.3115i	0.0069-0.0333i	0.1296-0.1304i	1.0625-0.2668i	0.0003+0.0126i	0.1306-0.1265i	-0.9502+0.0114i
25.6	0.0314-0.0660i	43.7358+9.3667i	0.0025-0.0423i	0.1989-0.1210i	1.0014-0.2352i	-0.0058-0.0020i	0.1980-0.1160i	-0.8875-0.1041i
25.7	0.0265-0.0578i	43.6637+9.7017i	0.0093-0.0298i	0.2294-0.1294i	1.0883-0.2101i	0.0004+0.0119i	0.2287-0.1262i	-0.9356-0.0372i
25.8	0.0198-0.0498i	43.5752+9.7663i	0.0075-0.0290i	0.2598-0.1226i	1.1115-0.2126i	-0.0084+0.0109i	0.2573-0.1170i	-0.9766-0.0231i
25.9	-0.0097-0.0528i	43.3658+9.2910i	0.0131-0.0292i	0.2766-0.1045i	1.0917-0.2500i	0.0008+0.0037i	0.2714-0.0993i	-0.8816+0.0223i
26.0	-0.0054-0.0689i	44.2303+9.3112i	0.0185-0.0378i	0.2641-0.1254i	1.1491-0.3854i	0.0136-0.0027i	0.2602-0.1205i	-0.9059+0.1469i
26.1	-0.0177-0.0327i	43.3537+9.8450i	0.0076-0.0449i	0.3140-0.1467i	1.1457-0.3482i	-0.0091-0.0067i	0.3119-0.1401i	-0.9627+0.0374i
26.2	-0.0320-0.0082i	42.5263+10.1114i	-0.0027-0.0408i	0.3553-0.1455i	1.1303-0.2949i	-0.0229-0.0077i	0.3529-0.1373i	-1.0004-0.0258i
26.3	-0.0371-0.0289i	42.9020+9.8211i	0.0028-0.0237i	0.3391-0.1504i	1.1340-0.3513i	-0.0110+0.0068i	0.3361-0.1468i	-0.9584+0.1351i
26.4	-0.0507-0.0391i	43.1184+9.9132i	0.0091-0.0186i	0.3472-0.1544i	1.1500-0.4220i	-0.0084+0.0085i	0.3450-0.1543i	-0.9452+0.2179i
26.5	-0.0627-0.0165i	42.9415+10.6822i	0.0073-0.0272i	0.3725-0.1953i	1.2118-0.4930i	-0.0140+0.0049i	0.3713-0.1941i	-1.0333+0.2087i
26.6	-0.0690-0.0054i	42.9802+11.1907i	0.0128-0.0231i	0.3789-0.2369i	1.2719-0.5365i	-0.0065+0.0155i	0.3764-0.2344i	-1.0706+0.2775i
26.7	-0.1120+0.0248i	41.5408+11.2317i	0.0190-0.0288i	0.4359-0.2082i	1.2843-0.4434i	-0.0063+0.0005i	0.4325-0.2030i	-1.0157+0.0977i
26.8	-0.1220+0.0464i	41.3964+11.8808i	0.0136-0.0339i	0.4480-0.2367i	1.2967-0.4815i	-0.0146-0.0040i	0.4449-0.2275i	-1.1011+0.0898i
26.9	-0.1331+0.0740i	41.5051+12.4895i	0.0147-0.0471i	0.4589-0.2570i	1.3401-0.5961i	-0.0152-0.0150i	0.4535-0.2429i	-1.1639+0.1192i
27.0	-0.1279+0.1063i	42.0371+13.5183i	0.0172-0.0503i	0.4699-0.3076i	1.4127-0.7499i	-0.0121-0.0161i	0.4656-0.2950i	-1.2595+0.2550i
27.1	-0.1281+0.1252i	42.8592+13.5188i	0.0179-0.0519i	0.4579-0.3372i	1.3397-0.8940i	-0.0111-0.0216i	0.4540-0.3272i	-1.1999+0.4278i
27.2	-0.1462+0.1378i	42.8006+13.2160i	0.0234-0.0627i	0.4474-0.3401i	1.2694-0.9664i	-0.0036-0.0390i	0.4428-0.3292i	-1.0501+0.4425i
27.3	-0.1544+0.1558i	42.4745+13.3875i	0.0266-0.0679i	0.4689-0.3355i	1.2461-0.9833i	-0.0046-0.0503i	0.4640-0.3243i	-0.9991+0.3870i
27.4	-0.1875+0.2226i	41.7835+14.7247i	0.0217-0.0970i	0.5349-0.3878i	1.2996-1.1257i	-0.0152-0.0763i	0.5276-0.3686i	-1.1004+0.2644i
27.5	-0.1721+0.2667i	42.5014+15.7698i	0.0110-0.1038i	0.5118-0.4600i	1.2271-1.2607i	-0.0244-0.0775i	0.5070-0.4407i	-1.1145+0.3673i
27.6	-0.1451+0.3154i	42.8502+16.7941i	-0.0081-0.1016i	0.5207-0.5138i	1.1167-1.3237i	-0.0533-0.0759i	0.5189-0.4931i	-1.1871+0.4459i
27.7	-0.1117+0.3569i	43.8444+17.2939i	-0.0145-0.1195i	0.4870-0.5728i	0.9900-1.4737i	-0.0657-0.0941i	0.4874-0.5500i	-1.1433+0.4476i
27.8	-0.0983+0.3484i	44.2693+16.6683i	-0.0256-0.1185i	0.4396-0.5544i	0.8221-1.4204i	-0.0720-0.0944i	0.4426-0.5333i	-1.0301+0.3974i
27.9	-0.0510+0.3622i	45.5409+16.9564i	-0.0503-0.1082i	0.3782-0.5854i	0.6203-1.4200i	-0.0943-0.0830i	0.3864-0.5651i	-1.0250+0.4884i
28.0	-0.0446+0.4057i	45.6454+17.6020i	-0.0587-0.1113i	0.4137-0.6350i	0.5869-1.4518i	-0.1165-0.0840i	0.4247-0.6102i	-1.1025+0.4610i
28.1	-0.0114+0.4007i	46.4405+16.7786i	-0.0732-0.1099i	0.3535-0.6421i	0.4170-1.4014i	-0.1287-0.0764i	0.3658-0.6210i	-1.0436+0.4634i
28.2	0.0816+0.3642i	48.7314+15.8116i	-0.0951-0.0798i	0.1822-0.6538i	0.1183-1.2808i	-0.1356-0.0369i	0.1967-0.6379i	-0.8938+0.6714i
28.3	0.0642+0.3762i	47.6045+15.7475i	-0.1031-0.0720i	0.2120-0.6377i	0.1364-1.1414i	-0.1502-0.0299i	0.2273-0.6232i	-0.9602+0.5729i
28.4	0.1432+0.3800i	49.6381+15.6870i	-0.1145-0.0652i	0.0902-0.6824i	-0.0196-1.1258i	-0.1471-0.0105i	0.1097-0.6692i	-0.8667+0.6966i
28.5	0.1813+0.3715i	50.4634+15.3641i	-0.1161-0.0516i	0.0357-0.6693i	-0.0882-1.0471i	-0.1459-0.0002i	0.0542-0.6584i	-0.8121+0.7288i
28.6	0.2080+0.4014i	50.5846+15.7541i	-0.1247-0.0434i	0.0158-0.6876i	-0.1223-1.0037i	-0.1583+0.0066i	0.0367-0.6774i	-0.8489+0.7241i
28.7	0.2121+0.3651i	50.5067+14.6324i	-0.1146-0.0527i	-0.0271-0.6409i	-0.1256-0.9327i	-0.1429+0.0024i	-0.0087-0.6301i	-0.7239+0.6294i
28.8	0.2313+0.3453i	50.6592+14.1005i	-0.1176-0.0436i	-0.0727-0.5843i	-0.1536-0.8338i	-0.1400-0.0008i	-0.0539-0.5780i	-0.6832+0.5643i
28.9	0.2656+0.3078i	51.3559+13.2681i	-0.1290-0.0341i	-0.1262-0.5484i	-0.2296-0.7537i	-0.1479+0.0096i	-0.1058-0.5420i	-0.6617+0.5753i
29.0	0.2924+0.2621i	51.8548+12.3987i	-0.1432-0.0190i	-0.1789-0.4948i	-0.3004-0.6474i	-0.1554+0.0241i	-0.1582-0.4909i	-0.6486+0.5955i
29.1	0.2702+0.2799i	51.2915+12.3107i	-0.1392-0.0275i	-0.1318-0.4713i	-0.2487-0.6290i	-0.1623+0.0066i	-0.1123-0.4674i	-0.6990+0.4724i
29.2	0.2836+0.2924i	51.1396+12.3318i	-0.1480-0.0249i	-0.1215-0.4526i	-0.2538-0.5772i	-0.1789+0.0050i	-0.1001-0.4490i	-0.7744+0.4293i
29.3	0.3312+0.2906i	51.5290+12.6826i	-0.1518-0.0023i	-0.1649-0.4596i	-0.2500-0.4828i	-0.1797+0.0352i	-0.1415-0.4573i	-0.7773+0.5049i
29.4	0.3583+0.2767i	51.7966+12.4386i	-0.1521+0.0012i	-0.1808-0.4380i	-0.2399-0.4485i	-0.1810+0.0357i	-0.1575-0.4393i	-0.7923+0.5015i
29.5	0.3755+0.2506i	52.1928+11.8078i	-0.1607-0.0061i	-0.2076-0.3710i	-0.2569-0.4149i	-0.1845+0.0164i	-0.1851-0.3710i	-0.8078+0.3922i
29.6	0.3291+0.2032i	51.3647+10.9482i	-0.1540+0.0269i	-0.1707-0.3138i	-0.2021-0.2484i	-0.1763+0.0519i	-0.1531-0.3183i	-0.7645+0.4471i
29.7	0.3275+0.1315i	51.6172+9.9211i	-0.1349+0.0478i	-0.1549-0.2375i	-0.1281-0.1475i	-0.1641+0.0656i	-0.1422-0.2430i	-0.7113+0.4808i
29.8	0.3685+0.1442i	51.8107+10.2487i	-0.1544+0.0534i	-0.1588-0.2624i	-0.1542-0.1378i	-0.1896+0.0770i	-0.1427-0.2683i	-0.8280+0.5101i
29.9	0.4030+0.1390i	52.1723+10.1351i	-0.1363+0.0721i	-0.1803-0.2691i	-0.0490-0.0744i	-0.1769+0.0972i	-0.1638-0.2775i	-0.7711+0.5551i
30.0	0.3615+0.1241i	51.5675+9.7125i	-0.1311+0.0723i	-0.1601-0.2192i	-0.0109-0.0371i	-0.1625+0.0901i	-0.1475-0.2271i	-0.7326+0.4876i
30.1	0.3095+0.1011i	50.7007+9.0786i	-0.1403+0.0552i	-0.1295-0.1656i	-0.0172-0.0575i	-0.1641+0.0628i	-0.1189-0.1700i	-0.7542+0.3656i
30.2	0.3096+0.1368i	50.4209+9.6536i	-0.1267+0.0663i	-0.1078-0.1965i	0.0576-0.0231i	-0.1583+0.0756i	-0.0988-0.1996i	-0.7567+0.3728i
30.3	0.2895+0.1165i	50.3001+9.3343i	-0.1086+0.0697i	-0.0909-0.1753i	0.1273-0.0137i	-0.1395+0.0777i	-0.0826-0.1778i	-0.7132+0.3662i
30.4	0.2495+0.0506i	49.9405+8.3745i	-0.1146+0.0687i	-0.0783-0.1359i	0.0996-0.0107i	-0.1373+0.0837i	-0.0682-0.1383i	-0.6833+0.3838i
30.5	0.2928+0.0088i	50.4780+7.9728i	-0.1099+0.0804i	-0.0929-0.1170i	0.1194+0.0313i	-0.1388+0.0996i	-0.0838-0.1201i	-0.7092+0.4522i
30.6	0.3114+0.0323i	50.4072+8.4659i	-0.1245+0.0854i	-0.0742-0.1462i	0.1079+0.0484i	-0.1671+0.1141i	-0.0638-0.1496i	-0.8146+0.4776i
30.7	0.3027+0.0661i	50.0474+8.6995i	-0.1203+0.0959i	-0.0436-0.1457i	0.1666+0.0800i	-0.1730+0.1118i	-0.0347-0.1491i	-0.8587+0.4340i
30.8	0.2233+0.0069i	49.6754+7.7265i	-0.1060+0.1051i	-0.0367-0.0903i	0.1817+0.1070i	-0.1408+0.1135i	-0.0283-0.0935i	-0.7231+0.4425i

30.9	0.2403-0.0124i	49.8196+7.5457i	-0.1003+0.0904i	-0.0260-0.0848i	0.2296+0.0678i	-0.1448+0.1103i	-0.0156-0.0848i	-0.7450+0.4204i
31.0	0.2580+0.0118i	49.6099+8.0130i	-0.0999+0.0950i	-0.0298-0.1011i	0.2770+0.0851i	-0.1451+0.1130i	-0.0180-0.1030i	-0.7890+0.4099i
31.1	0.2441+0.0317i	49.0375+8.2399i	-0.0899+0.0919i	-0.0012-0.0985i	0.3322+0.0764i	-0.1430+0.1042i	0.0083-0.1003i	-0.7855+0.3646i
31.2	0.2268-0.0385i	49.6045+7.8203i	-0.0718+0.1015i	-0.0121-0.0719i	0.3631+0.0551i	-0.1186+0.1223i	-0.0045-0.0727i	-0.7132+0.4573i
31.3	0.1677-0.0406i	49.3296+7.3718i	-0.0758+0.0939i	-0.0141-0.0549i	0.3336+0.0505i	-0.1031+0.1077i	-0.0038-0.0566i	-0.6513+0.4201i
31.4	0.2267-0.0168i	49.2467+7.8857i	-0.0942+0.0966i	-0.0285-0.0774i	0.3395+0.0366i	-0.1288+0.1131i	-0.0141-0.0791i	-0.7861+0.4249i
31.5	0.2538-0.0684i	49.5796+8.0395i	-0.0976+0.1124i	-0.0416-0.0697i	0.3578+0.0245i	-0.1285+0.1366i	-0.0254-0.0740i	-0.8246+0.5346i
31.6	0.1674-0.0580i	49.3322+7.4810i	-0.0785+0.1012i	-0.0216-0.0118i	0.3746+0.0324i	-0.0966+0.0995i	-0.0088-0.0163i	-0.6869+0.4318i
31.7	0.1404+0.0032i	48.7665+7.6008i	-0.0838+0.0951i	0.0001-0.0142i	0.3984+0.0622i	-0.1011+0.0829i	0.0100-0.0149i	-0.7044+0.3152i
31.8	0.1368-0.0278i	49.0146+7.4123i	-0.0917+0.0807i	-0.0059-0.0161i	0.3972-0.0218i	-0.1018+0.0738i	0.0049-0.0154i	-0.7252+0.3486i
31.9	0.1158-0.0716i	49.1116+7.2968i	-0.0893+0.0901i	-0.0057-0.0052i	0.3729-0.0184i	-0.0963+0.0874i	0.0075-0.0099i	-0.6828+0.4124i
32.0	0.0816-0.0828i	49.3259+7.0090i	-0.0811+0.1061i	-0.0091+0.0220i	0.3721+0.0267i	-0.0767+0.0899i	0.0030+0.0177i	-0.6082+0.4108i
32.1	0.0479-0.0839i	49.2328+6.8542i	-0.1089+0.1069i	-0.0158+0.0292i	0.2761+0.0114i	-0.0931+0.0909i	-0.0021+0.0219i	-0.5984+0.4359i
32.2	0.0920-0.0748i	49.1668+7.1235i	-0.0992+0.1003i	0.0398+0.0566i	0.3325-0.0718i	-0.1263+0.0620i	0.0557+0.0500i	-0.6793+0.4367i
32.3	0.0957-0.0237i	48.7825+7.2127i	-0.0969+0.1044i	0.0501+0.0602i	0.3721-0.0416i	-0.1273+0.0507i	0.0619+0.0514i	-0.6933+0.3668i
32.4	0.0359+0.0456i	48.3399+6.6066i	-0.1128+0.1204i	0.0508+0.0786i	0.3118+0.0655i	-0.1225+0.0417i	0.0631+0.0704i	-0.6328+0.2539i
32.5	0.0058+0.0604i	48.3574+6.4760i	-0.1230+0.1290i	0.0626+0.0827i	0.2614+0.1011i	-0.1310+0.0459i	0.0728+0.0768i	-0.6211+0.2254i
32.6	0.0057-0.0724i	49.3117+6.9753i	-0.1298+0.1227i	0.0347+0.0977i	0.2045-0.0522i	-0.1274+0.0564i	0.0439+0.0858i	-0.5801+0.3989i
32.7	-0.0374-0.0114i	48.9927+6.3855i	-0.1517+0.1204i	0.0589+0.1166i	0.1451-0.0368i	-0.1508+0.0305i	0.0709+0.1044i	-0.5750+0.2919i
32.8	-0.0439+0.0822i	48.4107+5.6296i	-0.1612+0.1373i	0.1173+0.1358i	0.1060+0.0819i	-0.1934+0.0196i	0.1306+0.1289i	-0.6185+0.1651i
32.9	-0.0626+0.0279i	49.1711+5.9888i	-0.1439+0.1568i	0.1095+0.1633i	0.1224+0.0584i	-0.1735+0.0239i	0.1196+0.1560i	-0.5628+0.2467i
33.0	-0.0210+0.0452i	48.8451+6.4173i	-0.1256+0.1526i	0.1371+0.1135i	0.2318+0.1265i	-0.1760+0.0501i	0.1494+0.1049i	-0.6518+0.2098i
33.1	0.0264+0.0453i	48.5032+6.8749i	-0.1263+0.1580i	0.1586+0.1004i	0.2668+0.1034i	-0.1992+0.0650i	0.1722+0.0906i	-0.7343+0.2569i
33.2	-0.0159+0.0674i	48.8599+6.1181i	-0.1271+0.1752i	0.1847+0.1358i	0.1910+0.1203i	-0.2053+0.0513i	0.1956+0.1287i	-0.6592+0.2300i
33.3	-0.0519+0.0732i	49.2941+5.7134i	-0.1269+0.1693i	0.2136+0.1146i	0.1300+0.1329i	-0.2171+0.0609i	0.2223+0.1056i	-0.6158+0.2016i
33.4	-0.0364+0.0862i	48.9824+5.8351i	-0.1302+0.1860i	0.2227+0.0877i	0.1506+0.2072i	-0.2301+0.0938i	0.2296+0.0798i	-0.6700+0.1919i
33.5	-0.0225+0.0829i	48.9812+6.2656i	-0.1198+0.2242i	0.2374+0.1095i	0.1418+0.2392i	-0.2368+0.1192i	0.2457+0.0987i	-0.6464+0.2671i
33.6	-0.0600+0.1085i	49.1038+5.8621i	-0.1067+0.2596i	0.2327+0.1295i	0.1406+0.3721i	-0.2153+0.1455i	0.2409+0.1193i	-0.5745+0.2627i
33.7	-0.0654+0.1408i	48.5556+5.5360i	-0.0865+0.2724i	0.2622+0.1272i	0.2024+0.4653i	-0.2129+0.1569i	0.2711+0.1167i	-0.5714+0.1853i
33.8	-0.0546+0.1539i	48.4117+5.8623i	-0.0906+0.3171i	0.2492+0.1418i	0.2419+0.5165i	-0.1972+0.1823i	0.2585+0.1300i	-0.5940+0.2261i
33.9	-0.0501+0.1366i	48.8954+5.9926i	-0.1007+0.2989i	0.2412+0.1142i	0.2118+0.4424i	-0.1892+0.1825i	0.2504+0.1036i	-0.5892+0.2371i
34.0	-0.0916+0.1410i	49.3939+5.9583i	-0.1112+0.3269i	0.2261+0.0971i	0.1368+0.5119i	-0.1917+0.2163i	0.2371+0.0824i	-0.5595+0.2772i
34.1	-0.0830+0.2103i	48.7186+5.4333i	-0.0932+0.3541i	0.2711+0.0812i	0.1562+0.6574i	-0.2078+0.2410i	0.2820+0.0643i	-0.5935+0.2223i
34.2	-0.0687+0.2438i	48.7024+5.0276i	-0.0650+0.3629i	0.2867+0.0777i	0.2340+0.7206i	-0.1953+0.2402i	0.2983+0.0605i	-0.5954+0.1973i
34.3	-0.0529+0.2623i	49.0128+4.8125i	-0.0511+0.3575i	0.2938+0.0465i	0.2997+0.7344i	-0.1894+0.2486i	0.3043+0.0288i	-0.6242+0.1687i
34.4	-0.0083+0.2550i	49.0253+5.3464i	0.0031+0.3541i	0.3176+0.0437i	0.4348+0.7253i	-0.1633+0.2434i	0.3232+0.0262i	-0.6121+0.1443i
34.5	0.0484+0.2530i	48.6959+5.7292i	0.0324+0.3694i	0.3160+0.0203i	0.5379+0.7236i	-0.1538+0.2717i	0.3195+0.0047i	-0.6657+0.1735i
34.6	0.0901+0.2935i	48.2793+5.3059i	0.0771+0.3765i	0.3452+0.0338i	0.6416+0.7270i	-0.1384+0.2586i	0.3456+0.0200i	-0.6573+0.1158i
34.7	0.0779+0.3193i	48.6436+4.7953i	0.0887+0.3617i	0.3373+0.0500i	0.6635+0.6891i	-0.1159+0.2395i	0.3362+0.0342i	-0.6281+0.0916i
34.8	0.0462+0.3258i	49.0495+4.3282i	0.0924+0.3590i	0.3171+0.0571i	0.6456+0.7054i	-0.0912+0.2431i	0.3191+0.0366i	-0.5940+0.1010i
34.9	0.1024+0.2648i	49.2308+5.0847i	0.1025+0.3646i	0.3215+0.0435i	0.6168+0.5972i	-0.1006+0.2486i	0.3242+0.0262i	-0.6053+0.2244i
35.0	0.1570+0.2886i	48.4432+4.8188i	0.1367+0.3636i	0.3521+0.0243i	0.6899+0.6173i	-0.0967+0.2578i	0.3490+0.0083i	-0.6344+0.1597i
35.1	0.1669+0.2471i	48.4889+5.2179i	0.1486+0.3627i	0.3131-0.0124i	0.6869+0.5923i	-0.0705+0.3036i	0.3105-0.0309i	-0.6236+0.2121i
35.2	0.1726+0.2032i	48.5167+5.5677i	0.1600+0.3399i	0.2794-0.0300i	0.7022+0.5757i	-0.0399+0.3104i	0.2763-0.0464i	-0.5895+0.2072i
35.3	0.1902+0.2186i	48.3627+5.3699i	0.1784+0.3155i	0.3005-0.0278i	0.7287+0.5434i	-0.0314+0.2806i	0.2957-0.0415i	-0.5722+0.1726i
35.4	0.1955+0.2198i	48.4976+5.2407i	0.1903+0.3064i	0.3226-0.0200i	0.7147+0.5448i	-0.0363+0.2601i	0.3184-0.0346i	-0.5369+0.1116i
35.5	0.1991+0.1899i	48.4946+5.6098i	0.2045+0.2830i	0.3085-0.0302i	0.7051+0.5380i	-0.0178+0.2532i	0.3017-0.0432i	-0.4942+0.0771i
35.6	0.2166+0.1670i	47.8511+5.8524i	0.2019+0.2733i	0.2893-0.0244i	0.6826+0.4988i	-0.0004+0.2351i	0.2810-0.0366i	-0.4618+0.0811i
35.7	0.1908+0.1605i	48.4413+5.5250i	0.1985+0.2478i	0.2804-0.0343i	0.6563+0.4830i	0.0173+0.2176i	0.2746-0.0481i	-0.4144+0.1025i
35.8	0.1815+0.1733i	48.4861+5.5126i	0.2101+0.2312i	0.2831-0.0185i	0.6745+0.4911i	0.0266+0.2014i	0.2761-0.0300i	-0.4188+0.0074i
35.9	0.1733+0.1789i	48.8716+5.1623i	0.1913+0.2459i	0.2558-0.0087i	0.6106+0.5004i	0.0318+0.2116i	0.2509-0.0200i	-0.3868-0.0135i
36.0	0.1597+0.1780i	49.0274+4.7539i	0.1777+0.2475i	0.2288+0.0004i	0.5705+0.5338i	0.0421+0.2032i	0.2237-0.0074i	-0.3416-0.0628i
36.1	0.1590+0.1666i	49.0583+4.9769i	0.1888+0.2264i	0.2649-0.0050i	0.5965+0.6811i	0.0286+0.1796i	0.2610-0.0119i	-0.4020-0.2799i
36.2	0.1803+0.1869i	48.5575+4.6409i	0.1835+0.2227i	0.2613-0.0010i	0.6220+0.7393i	0.0339+0.1693i	0.2568-0.0091i	-0.4554-0.3795i
36.3	0.1724+0.1971i	48.9854+4.3612i	0.1829+0.2537i	0.2563+0.0361i	0.5679+0.8157i	0.0419+0.1686i	0.2570+0.0278i	-0.4728-0.4334i
36.4	0.1597+0.1897i	49.5982+4.7004i	0.1950+0.2416i	0.2432+0.0537i	0.6286+0.7967i	0.0637+0.1609i	0.2413+0.0485i	-0.5219-0.4053i
36.5	0.1786+0.2003i	49.2693+4.6515i	0.2200+0.2481i	0.2723+0.0711i	0.6978+0.9427i	0.0594+0.1355i	0.2753+0.0651i	-0.6308-0.5420i
36.6	0.1886+0.2395i	49.4761+4.5609i	0.2400+0.2624i	0.3002+0.0993i	0.7669+1.0549i	0.0496+0.1149i	0.2991+0.0915i	-0.7747-0.6354i
36.7	0.1957+0.2288i	49.5127+4.4782i	0.2440+0.2710i	0.3083+0.1040i	0.8136+1.0579i	0.0432+0.1149i	0.3079+0.0978i	-0.8629-0.6191i
36.8	0.2132+0.2307i	49.1953+4.2771i	0.2690+0.2580i	0.3370+0.1273i	0.9079+1.1190i	0.0484+0.0927i	0.3366+0.1225i	-0.9485-0.6685i
36.9	0.2591+0.2600i	49.0141+3.8896i	0.3021+0.2445i	0.3924+0.1624i	1.0532+1.2259i	0.0451+0.0520i	0.3909+0.1523i	-1.0728-0.7397i
37.0	0.2457+0.2516i	48.9292+3.9717i	0.2966+0.2490i	0.3950+0.1323i	1.0982+1.1960i	0.0196+0.0691i	0.3932+0.1194i	-1.1293-0.6403i
37.1	0.2528+0.2475i	49.0920+3.9457i	0.2966+0.2341i	0.4126+0.0958i	1.2065+1.1294i	-0.0146+0.0740i	0.4140+0.0845i	-1.2421-0.5436i

37.2	0.2879+0.2322i	48.9031+4.6535i	0.3081+0.2126i	0.4282+0.0908i	1.2946+1.0529i	-0.0066+0.0714i	0.4294+0.0784i	-1.3061-0.4633i
37.3	0.2897+0.2093i	49.1015+4.6970i	0.3006+0.1952i	0.4303+0.0776i	1.3040+0.9883i	-0.0078+0.0763i	0.4318+0.0646i	-1.3126-0.3704i
37.4	0.3306+0.2035i	49.3474+4.2019i	0.2866+0.1724i	0.4356+0.0606i	1.3554+0.8887i	-0.0055+0.0889i	0.4355+0.0510i	-1.2967-0.3039i
37.5	0.3727+0.1928i	49.0448+4.3372i	0.3199+0.1651i	0.4824+0.0530i	1.4527+0.9029i	-0.0129+0.0784i	0.4815+0.0384i	-1.3665-0.2472i
37.6	0.3686+0.1638i	49.2292+4.6597i	0.3324+0.1588i	0.4836+0.0329i	1.4604+0.9021i	-0.0283+0.0682i	0.4841+0.0168i	-1.3598-0.2025i
37.7	0.4028+0.1181i	48.6604+4.5195i	0.3100+0.1397i	0.4992-0.0230i	1.4912+0.8207i	-0.0468+0.0637i	0.4997-0.0426i	-1.3652-0.1011i
37.8	0.4059+0.0882i	48.5903+4.5103i	0.3114+0.1303i	0.4832-0.0555i	1.4862+0.8028i	-0.0596+0.0700i	0.4835-0.0734i	-1.2977-0.0796i
37.9	0.3746+0.0705i	49.4184+4.9217i	0.3101+0.1231i	0.4410-0.0389i	1.4868+0.8248i	-0.0551+0.0968i	0.4359-0.0535i	-1.2159-0.1299i
38.0	0.3976+0.0923i	49.8871+4.0361i	0.3206+0.1241i	0.4823+0.0043i	1.5679+0.8360i	-0.0339+0.0900i	0.4755-0.0127i	-1.2349-0.1771i
38.1	0.3948+0.0471i	49.1942+3.9612i	0.3282+0.1079i	0.5021-0.0439i	1.5694+0.7450i	-0.0587+0.0720i	0.4969-0.0626i	-1.2379-0.1803i
38.2	0.3104+0.0343i	49.2510+3.7186i	0.2981+0.1164i	0.4270-0.0824i	1.5087+0.7493i	-0.0748+0.0868i	0.4228-0.0998i	-1.2117-0.1741i
38.3	0.2889+0.0396i	49.1833+3.6138i	0.2994+0.1206i	0.4182-0.0825i	1.5089+0.7715i	-0.0938+0.0810i	0.4127-0.0987i	-1.2067-0.2008i
38.4	0.3276+0.0425i	48.6354+3.9547i	0.3273+0.1124i	0.4414-0.0712i	1.5456+0.8208i	-0.0932+0.0903i	0.4308-0.0866i	-1.2321-0.2506i
38.5	0.3039+0.0431i	48.6827+4.5046i	0.3088+0.1031i	0.4148-0.0688i	1.5492+0.8091i	-0.0976+0.0940i	0.4023-0.0841i	-1.2550-0.2641i
38.6	0.3114+0.0362i	49.0973+4.3607i	0.3001+0.0985i	0.4259-0.0799i	1.5914+0.7668i	-0.1049+0.0718i	0.4110-0.0985i	-1.2801-0.2477i
38.7	0.3299+0.0275i	49.0461+3.9932i	0.2820+0.0836i	0.4334-0.0910i	1.6663+0.7164i	-0.0989+0.0772i	0.4172-0.1057i	-1.3466-0.2548i
38.8	0.3523+0.0522i	49.3722+4.1040i	0.2930+0.0767i	0.4430-0.0496i	1.7177+0.7618i	-0.0951+0.1005i	0.4261-0.0615i	-1.3590-0.2999i
38.9	0.3473+0.0184i	49.0937+4.4613i	0.2904+0.0712i	0.4304-0.0710i	1.6901+0.7194i	-0.1101+0.0957i	0.4162-0.0855i	-1.3710-0.2864i
39.0	0.3735-0.0041i	49.2928+5.4667i	0.2835+0.0752i	0.4594-0.0672i	1.7285+0.6766i	-0.1063+0.1111i	0.4458-0.0800i	-1.4604-0.2702i
39.1	0.4117+0.0013i	48.7993+5.7047i	0.2894+0.0858i	0.4795-0.0500i	1.8079+0.7005i	-0.1029+0.1229i	0.4664-0.0601i	-1.5370-0.2919i
39.2	0.3721-0.0026i	49.2243+4.9995i	0.2881+0.0880i	0.4528-0.0633i	1.8082+0.6622i	-0.1079+0.1258i	0.4443-0.0740i	-1.5385-0.2465i
39.3	0.3588+0.0029i	49.2317+5.2505i	0.2883+0.0979i	0.4299-0.0635i	1.7741+0.6500i	-0.1189+0.1273i	0.4167-0.0692i	-1.4972-0.2265i
39.4	0.3896-0.0062i	49.0393+5.1545i	0.2902+0.0851i	0.4464-0.0720i	1.8225+0.6610i	-0.1088+0.1219i	0.4317-0.0799i	-1.5133-0.2483i
39.5	0.3949-0.0305i	49.0221+5.2011i	0.3033+0.0904i	0.4475-0.0701i	1.8004+0.6302i	-0.1122+0.1180i	0.4330-0.0779i	-1.5099-0.2386i
39.6	0.3865-0.0302i	49.6520+5.4924i	0.2962+0.1076i	0.4265-0.0524i	1.8414+0.5768i	-0.0991+0.1240i	0.4131-0.0653i	-1.5415-0.1744i
39.7	0.4127-0.0455i	50.1710+5.3532i	0.3156+0.0929i	0.4389-0.0384i	1.8301+0.5779i	-0.0819+0.1244i	0.4277-0.0487i	-1.4934-0.1878i
39.8	0.4278-0.0445i	49.8663+4.9881i	0.3139+0.0800i	0.4573-0.0204i	1.8143+0.6942i	-0.0984+0.1283i	0.4478-0.0290i	-1.5083-0.3355i
39.9	0.4461-0.0592i	49.8856+4.7587i	0.3241+0.0836i	0.4805-0.0215i	1.8998+0.7526i	-0.0965+0.1148i	0.4685-0.0290i	-1.5580-0.3837i
40.0	0.4805-0.0734i	49.9621+4.9636i	0.3389+0.0859i	0.5126-0.0119i	1.9772+0.8674i	-0.0972+0.1468i	0.4982-0.0215i	-1.6325-0.4412i
40.1	0.4495-0.0563i	50.0882+4.8434i	0.3109+0.0999i	0.4859-0.0005i	1.9467+0.8433i	-0.1120+0.1538i	0.4728-0.0120i	-1.6828-0.4001i
40.2	0.4210-0.0824i	50.1722+5.1867i	0.3053+0.0977i	0.4924-0.0072i	1.9995+0.8363i	-0.1141+0.1505i	0.4816-0.0191i	-1.7873-0.3671i
40.3	0.4280-0.0795i	50.5810+5.0486i	0.3353+0.1130i	0.5131+0.0073i	2.0361+0.9499i	-0.1064+0.1659i	0.5054-0.0015i	-1.7981-0.3806i
40.4	0.4230-0.1232i	50.7273+4.8690i	0.3427+0.0858i	0.5225-0.0147i	2.1679+0.8797i	-0.1093+0.1371i	0.5129-0.0213i	-1.8737-0.3688i
40.5	0.4370-0.2423i	50.7847+4.6510i	0.3747+0.0268i	0.5364-0.0908i	2.3572+0.7833i	-0.0754+0.1024i	0.5226-0.0953i	-1.9788-0.3954i
40.6	0.4334-0.2612i	50.6020+4.7824i	0.3868+0.0356i	0.5326-0.0931i	2.2981+0.8727i	-0.0858+0.1256i	0.5210-0.1027i	-1.9812-0.4103i
40.7	0.4429-0.2407i	50.9399+5.0090i	0.3874+0.0618i	0.5345-0.0713i	2.3854+0.7890i	-0.0777+0.1452i	0.5207-0.0847i	-1.9622-0.2462i
40.8	0.4158-0.2030i	51.0941+4.6486i	0.3835+0.0464i	0.5320-0.0257i	2.4041+0.8592i	-0.0795+0.1216i	0.5170-0.0364i	-1.9361-0.3292i
40.9	0.4590-0.2918i	50.8434+4.8700i	0.4209+0.0418i	0.5627-0.0580i	2.3925+0.8609i	-0.0653+0.1063i	0.5447-0.0665i	-1.9330-0.4793i
41.0	0.4609-0.3327i	51.4537+5.1329i	0.4301+0.0386i	0.5675-0.0849i	2.5352+0.7131i	-0.0433+0.1068i	0.5497-0.0968i	-2.0188-0.3149i
41.1	0.4178-0.3111i	51.4256+5.0330i	0.4005+0.0202i	0.5569-0.0707i	2.5895+0.7177i	-0.0704+0.1112i	0.5373-0.0843i	-2.0904-0.2693i
41.2	0.4250-0.3682i	51.3748+4.8746i	0.4083+0.0141i	0.5752-0.1064i	2.6801+0.6664i	-0.0684+0.1228i	0.5530-0.1156i	-2.1546-0.2942i
41.3	0.4072-0.4084i	51.4783+4.8575i	0.4180+0.0240i	0.5656-0.1262i	2.6301+0.6378i	-0.0694+0.1421i	0.5431-0.1389i	-2.2124-0.3248i
41.4	0.3862-0.4740i	52.0110+4.9438i	0.4582+0.0107i	0.5498-0.1300i	2.6636+0.4291i	-0.0176+0.1061i	0.5247-0.1422i	-2.2376-0.1321i
41.5	0.4070-0.5084i	52.4472+5.2434i	0.4693-0.0116i	0.5642-0.0948i	2.7750+0.4658i	-0.0288+0.0675i	0.5396-0.1056i	-2.2263-0.1779i
41.6	0.3117-0.5301i	53.2769+5.0291i	0.4660-0.0247i	0.5489-0.0953i	2.7842+0.3860i	-0.0344+0.0553i	0.5241-0.1069i	-2.2390-0.1417i
41.7	0.2673-0.5315i	53.2411+4.9294i	0.4396-0.0485i	0.5594-0.0839i	2.9400+0.2624i	-0.0499+0.0230i	0.5343-0.0933i	-2.4080-0.0320i
41.8	0.2661-0.5482i	52.9396+4.7823i	0.4559-0.0596i	0.5740-0.0788i	3.0664+0.2764i	-0.0452+0.0289i	0.5489-0.0870i	-2.4958+0.0006i
41.9	0.2149-0.5681i	52.9435+4.9479i	0.4468-0.0830i	0.5907-0.0666i	3.1039+0.2062i	-0.0788+0.0030i	0.5636-0.0721i	-2.5481+0.0551i
42.0	0.0779-0.5885i	53.1361+4.5072i	0.4169-0.1135i	0.5880-0.0778i	3.0300-0.0785i	-0.1153-0.0172i	0.5608-0.0772i	-2.4529+0.2481i
42.1	0.0585-0.5729i	52.9227+4.0608i	0.4379-0.1167i	0.5943-0.0613i	2.9221-0.0861i	-0.1126-0.0184i	0.5674-0.0609i	-2.3680+0.1690i
42.2	0.0641-0.5253i	52.8161+4.5173i	0.3975-0.1201i	0.6387-0.0349i	2.9266-0.1468i	-0.1645-0.0340i	0.6143-0.0344i	-2.3940+0.2029i
42.3	0.0043-0.5122i	53.1976+4.6267i	0.4003-0.1155i	0.6724-0.0351i	2.7868-0.2300i	-0.1782-0.0295i	0.6480-0.0347i	-2.2907+0.2477i
42.4	-0.0589-0.5386i	53.7701+4.3176i	0.4081-0.1489i	0.7381-0.1032i	2.8886-0.2682i	-0.1709-0.0222i	0.7085-0.1036i	-2.3205+0.2508i
42.5	-0.0878-0.5205i	54.0660+4.7521i	0.3542-0.1926i	0.7184-0.2031i	2.8969-0.2545i	-0.2036-0.0205i	0.6855-0.1985i	-2.2826+0.1689i
42.6	-0.1349-0.4878i	53.9837+4.4138i	0.3180-0.1860i	0.6304-0.1583i	3.2713-0.0605i	-0.1622-0.0259i	0.6006-0.1522i	-2.5894+0.0361i
42.7	-0.0905-0.4656i	53.9817+4.2276i	0.3341-0.1289i	0.6978-0.1147i	3.1422-0.2767i	-0.2579-0.0076i	0.6719-0.1101i	-2.5551+0.0327i
42.8	-0.1315-0.4414i	54.0406+4.1587i	0.3220-0.1343i	0.6648-0.1191i	2.9580-0.4357i	-0.2828-0.0165i	0.6378-0.1129i	-2.6107+0.0747i
42.9	-0.1913-0.3365i	54.8206+4.0999i	0.2749-0.1545i	0.6192-0.0524i	3.1979-0.4327i	-0.2869-0.0465i	0.5912-0.0444i	-2.8387+0.3006i
43.0	-0.0748-0.2633i	54.1898+3.9369i	0.2488-0.0570i	0.6989+0.0278i	2.8924-0.1891i	-0.3449+0.0704i	0.6763+0.0316i	-2.7656+0.1378i
43.1	-0.0630-0.3265i	54.3340+4.6154i	0.3116-0.0072i	0.7899+0.0006i	3.1378-0.0772i	-0.2828+0.1162i	0.7659+0.0032i	-2.9228+0.1543i
43.2	-0.1078-0.3156i	54.4858+4.6429i	0.3605-0.0370i	0.8333-0.0555i	3.3167-0.2446i	-0.2690+0.0862i	0.8058-0.0527i	-3.0319+0.2192i
43.3	-0.1156-0.3476i	54.7237+4.3503i	0.4312-0.0446i	0.8669-0.0938i	3.3739-0.4756i	-0.2199+0.0846i	0.8391-0.0885i	-3.0779+0.3689i
43.4	-0.0840-0.3281i	55.2767+3.9678i	0.4554-0.0802i	0.8771-0.1286i	3.1316-0.6353i	-0.2642+0.0546i	0.8524-0.1214i	-2.9756+0.4618i

43.5	-0.0989-0.3573i	55.9096+3.7888i	0.4549-0.0918i	0.9098-0.1367i	3.2616-0.9296i	-0.2816+0.0619i	0.8767-0.1287i	-2.9855+0.7990i
43.6	-0.1134-0.3401i	55.8657+4.4324i	0.4094-0.1215i	0.9315-0.1610i	3.1575-0.9358i	-0.3245+0.1007i	0.9026-0.1513i	-2.9612+0.8402i
43.7	-0.1679-0.3644i	55.6182+4.2387i	0.4018-0.0982i	0.9807-0.2346i	2.9484-0.8402i	-0.3361+0.1879i	0.9581-0.2224i	-3.0727+0.8721i
43.8	-0.2383-0.3099i	55.9254+3.9464i	0.4582-0.0808i	0.9645-0.3159i	2.8900-0.5328i	-0.2567+0.2415i	0.9393-0.3078i	-2.9023+0.9533i
43.9	-0.2172-0.2432i	55.9929+4.0310i	0.5342-0.1036i	0.9426-0.2799i	3.2861-0.5126i	-0.1740+0.1510i	0.9094-0.2707i	-2.6716+0.6265i
44.0	-0.1560-0.2687i	55.6123+3.8997i	0.5066-0.1489i	1.0199-0.2446i	3.5301-0.8644i	-0.2649+0.0666i	0.9888-0.2313i	-3.2198+0.5564i
44.1	-0.1298-0.3010i	56.0416+3.3173i	0.4440-0.1919i	1.1196-0.3526i	3.5352-1.5068i	-0.4008+0.0918i	1.0894-0.3331i	-3.4517+1.0778i
44.2	-0.1619-0.2748i	56.7832+3.5045i	0.4109-0.2152i	1.0781-0.5525i	2.6565-1.7677i	-0.4414+0.1843i	1.0588-0.5304i	-2.9634+1.5458i
44.3	-0.2488-0.2782i	56.8415+3.5853i	0.3808-0.2170i	0.9383-0.6164i	2.2932-1.2415i	-0.3958+0.2434i	0.9235-0.5982i	-2.5906+1.3320i
44.4	-0.2916-0.1528i	57.2142+3.2777i	0.3597-0.1673i	0.7934-0.5439i	2.4741-0.8782i	-0.3309+0.2559i	0.7783-0.5271i	-2.5147+1.0635i
44.5	-0.2433-0.1075i	57.8313+3.1973i	0.4569-0.1676i	0.8442-0.4565i	2.8170-1.0361i	-0.2359+0.2150i	0.8228-0.4377i	-2.6432+1.0497i
44.6	-0.1990-0.1115i	57.3152+3.4777i	0.4100-0.1774i	0.8349-0.5636i	2.5701-1.2114i	-0.2703+0.2402i	0.8164-0.5476i	-2.5951+1.2038i
44.7	-0.1685-0.1162i	57.0733+3.0149i	0.4070-0.1046i	0.6747-0.5084i	2.3595-0.6123i	-0.2399+0.2428i	0.6548-0.5002i	-2.4409+0.8678i
44.8	-0.1296-0.1371i	57.0861+3.5448i	0.5483-0.0524i	0.7135-0.2886i	2.8419-0.3693i	-0.1736+0.2266i	0.6881-0.2807i	-2.7362+0.8060i
44.9	-0.1216-0.1897i	57.4109+4.1957i	0.6156-0.1770i	1.0129-0.2729i	3.4001-0.6457i	-0.2826+0.1456i	0.9781-0.2579i	-2.9123+0.9127i
45.0	-0.2324-0.1829i	58.1715+3.4073i	0.5500-0.3568i	1.0157-0.5281i	3.2681-1.4370i	-0.3204+0.1805i	0.9820-0.5037i	-2.6854+1.0797i
45.1	-0.1909-0.1065i	58.2935+2.8300i	0.4513-0.3251i	0.8811-0.5119i	2.6512-1.2618i	-0.2723+0.2536i	0.8555-0.4843i	-2.7340+0.8121i
45.2	-0.1691-0.0649i	57.8186+2.9444i	0.4128-0.2890i	0.9613-0.4950i	2.5313-0.9977i	-0.2538+0.2357i	0.9367-0.4676i	-2.9071+0.7942i
45.3	-0.1680-0.0388i	57.7935+3.1244i	0.3416-0.3190i	0.9080-0.6471i	2.3881-0.7777i	-0.2669+0.1957i	0.8897-0.6205i	-2.8604+0.6513i
45.4	-0.1246-0.0188i	57.9751+3.5550i	0.3086-0.2550i	0.7051-0.5465i	2.5954-0.0143i	-0.2561+0.1130i	0.6942-0.5261i	-3.2259+0.2137i
45.5	-0.0681-0.0626i	58.4675+3.8304i	0.4245-0.1207i	0.8261-0.3165i	3.3439+0.0874i	-0.3243+0.0701i	0.8133-0.3032i	-4.0101+0.3487i
45.6	-0.1154-0.0893i	58.8987+2.9175i	0.6016-0.2029i	1.0802-0.3980i	3.9428-0.6876i	-0.3819+0.1048i	1.0588-0.3864i	-4.3774+1.2493i
45.7	-0.2065-0.0290i	59.8605+2.6797i	0.6541-0.3633i	1.2096-0.6481i	3.9537-1.3981i	-0.4321+0.1652i	1.1877-0.6272i	-4.2805+2.0420i
45.8	-0.1429+0.0483i	59.6688+2.5905i	0.5569-0.3915i	0.9985-0.7767i	3.5623-1.3734i	-0.4192+0.2453i	0.9807-0.7535i	-3.8738+2.1258i
45.9	-0.1373+0.1284i	59.6881+2.5241i	0.5650-0.3890i	0.9842-0.7604i	3.9034-1.9501i	-0.4413+0.3504i	0.9588-0.7352i	-4.1494+2.4727i
46.0	-0.0665+0.1989i	59.9558+3.0229i	0.5124-0.4059i	0.9342-0.8696i	3.2861-2.6941i	-0.3904+0.4798i	0.9191-0.8324i	-3.8602+3.1615i
46.1	0.0533+0.1766i	60.0847+2.8750i	0.5203-0.3820i	0.7888-0.9113i	2.4771-2.3957i	-0.2758+0.5290i	0.7860-0.8807i	-3.2409+3.4378i
46.2	0.1959+0.1912i	60.3357+2.1715i	0.4553-0.4215i	0.5405-0.7434i	1.9023-1.7420i	-0.1793+0.4361i	0.5391-0.7246i	-2.4447+3.3366i
46.3	0.3515+0.0960i	60.2185+2.2271i	0.4298-0.3819i	0.5350-0.4246i	1.5536-0.8759i	-0.0210+0.3749i	0.5255-0.4180i	-1.3991+2.8823i
46.4	0.3765-0.0389i	59.5643+2.0574i	0.4148-0.2809i	0.6733-0.3254i	2.1630-0.4890i	-0.0780+0.3255i	0.6561-0.3229i	-1.5258+2.1937i
46.5	0.3491-0.1416i	60.2726+2.1472i	0.4833-0.4093i	0.8570-0.3126i	2.6501-0.5977i	-0.1113+0.1275i	0.8378-0.3094i	-1.6694+1.8171i
46.6	0.3313-0.2064i	60.5588+2.2730i	0.5110-0.4405i	0.9592-0.3487i	2.7716-0.4535i	-0.1249+0.0963i	0.9370-0.3463i	-1.8997+1.5849i
46.7	0.3303-0.2438i	61.0111+2.3350i	0.4361-0.4525i	1.0486-0.3846i	3.2605-0.2894i	-0.2308+0.0427i	1.0206-0.3744i	-2.1964+1.2791i
46.8	0.2723-0.3572i	60.7658+3.3404i	0.4320-0.4618i	1.1610-0.3968i	3.6882-0.4353i	-0.3325-0.0084i	1.1221-0.3829i	-2.4882+1.0622i
46.9	0.2031-0.3866i	61.5161+3.4706i	0.4624-0.4999i	1.2353-0.4712i	3.8372-0.6682i	-0.3588-0.0052i	1.1976-0.4514i	-2.8384+1.0239i
47.0	0.1283-0.3346i	61.6496+3.0584i	0.4682-0.4504i	1.3250-0.6416i	4.2005-1.1501i	-0.4202+0.1412i	1.2937-0.6142i	-3.5873+1.5711i
47.1	0.1837-0.3001i	62.9600+2.8831i	0.5467-0.4554i	1.2717-0.7882i	4.1404-1.7269i	-0.3121+0.1831i	1.2403-0.7623i	-3.5027+2.3661i
47.2	0.2064-0.4195i	63.1441+3.4917i	0.5237-0.4495i	1.3103-0.8465i	4.0720-2.0830i	-0.4416+0.2216i	1.2816-0.8220i	-3.2800+2.7379i
47.3	0.1513-0.5218i	62.7360+3.1211i	0.5131-0.4907i	1.3477-0.9408i	3.6920-2.3589i	-0.5254+0.2821i	1.3243-0.9183i	-3.0529+3.0033i
47.4	0.0066-0.5250i	63.2715+1.8869i	0.4642-0.6220i	1.2915-1.2868i	3.1291-2.7742i	-0.5257+0.4264i	1.2702-1.2582i	-2.4611+3.6108i
47.5	-0.0297-0.4644i	63.1585+1.7986i	0.3584-0.6594i	0.9326-1.3539i	2.4594-2.4455i	-0.3841+0.4463i	0.9190-1.3314i	-1.5078+3.4764i
47.6	-0.0172-0.4610i	62.9057+1.8083i	0.2837-0.6284i	0.7126-1.0847i	2.2292-1.6663i	-0.3228+0.3507i	0.6958-1.0681i	-1.0002+2.6121i
47.7	-0.0634-0.4481i	63.2838+2.2283i	0.3194-0.6022i	0.8482-0.9391i	2.7483-1.4067i	-0.2765+0.2944i	0.8162-0.9164i	-1.1221+2.1078i
47.8	-0.1082-0.4604i	63.6184+1.9553i	0.2566-0.6027i	0.8575-1.1536i	2.5080-2.0796i	-0.3749+0.4053i	0.8317-1.1256i	-0.9553+2.0849i
47.9	-0.1533-0.4331i	63.3406+2.1261i	0.1778-0.4836i	0.7100-1.0275i	2.2800-1.3360i	-0.3552+0.4294i	0.6838-1.0017i	-1.3968+1.1981i
48.0	-0.2154-0.3765i	64.5847+2.0748i	0.2235-0.5094i	0.7927-0.9845i	2.6685-1.2028i	-0.3662+0.4205i	0.7591-0.9557i	-1.8402+1.6426i
48.1	-0.1574-0.2798i	63.7808+1.8320i	0.0838-0.4398i	0.7868-0.9436i	2.7570-0.9087i	-0.3726+0.4092i	0.7531-0.9202i	-1.3719+1.1968i
48.2	-0.1323-0.3061i	64.7123+2.4405i	0.1613-0.4671i	0.9424-0.9779i	3.0954-1.1213i	-0.4206+0.3171i	0.9125-0.9472i	-1.8802+1.4570i
48.3	-0.1348-0.2863i	64.8913+1.5778i	0.1304-0.5134i	0.8426-1.1658i	2.6996-1.3009i	-0.3744+0.3614i	0.8155-1.1398i	-1.3281+1.7530i
48.4	-0.0924-0.3214i	64.9574+1.6912i	0.0633-0.4235i	0.5714-1.0714i	2.6612-0.5738i	-0.3392+0.3065i	0.5362-1.0520i	-0.9405+0.8090i
48.5	-0.1027-0.3380i	64.9982+1.7501i	0.1302-0.3466i	0.4638-0.8789i	2.9794-0.2018i	-0.2924+0.2795i	0.4212-0.8600i	-1.2617+0.1355i
48.6	-0.0901-0.3032i	65.8981+1.0729i	0.1257-0.2721i	0.4914-0.6092i	3.3530+0.1818i	-0.3335+0.2296i	0.4455-0.5873i	-1.7767-0.2623i
48.7	-0.0785-0.3339i	66.6477+1.9134i	0.2397-0.2501i	0.8034-0.4333i	4.3649+0.2910i	-0.3974+0.1372i	0.7427-0.4078i	-2.4986-0.3342i
48.8	-0.1374-0.3646i	66.2503+2.4069i	0.3026-0.2410i	1.0203-0.5896i	5.1736-0.8714i	-0.5514+0.2764i	0.9495-0.5439i	-3.2081+0.0713i
48.9	-0.1523-0.2956i	66.2968+1.4415i	0.2993-0.2981i	1.0690-0.6888i	4.6254-1.5602i	-0.5304+0.3463i	1.0041-0.6237i	-3.0972+0.4908i
49.0	-0.1452-0.2748i	67.4827+1.3454i	0.3096-0.3805i	1.1190-0.8913i	3.9460-1.5716i	-0.4664+0.3328i	1.0663-0.8229i	-2.7050+0.6305i
49.1	-0.1147-0.2584i	67.1388+2.5236i	0.2243-0.3189i	0.8426-0.9078i	3.3355-0.8490i	-0.3896+0.3012i	0.7890-0.8489i	-2.3192-0.0779i
49.2	-0.0410-0.3230i	66.2763+2.5435i	0.2921-0.0851i	0.8631-0.5275i	4.2718-0.0368i	-0.4314+0.2745i	0.8002-0.4600i	-3.4681-0.8905i
49.3	-0.0610-0.3725i	67.1407+2.5018i	0.3964-0.0731i	1.1166-0.5280i	5.1978-0.5019i	-0.5751+0.3094i	1.0568-0.4285i	-4.4926-0.5974i
49.4	-0.1305-0.3829i	69.5051+1.7812i	0.4904-0.1772i	1.3085-0.6909i	5.6581-1.2588i	-0.6783+0.3989i	1.2661-0.5802i	-4.9219+0.2943i
49.5	-0.1420-0.2917i	69.4619+2.0470i	0.5052-0.3267i	1.2678-0.7659i	4.8830-1.4899i	-0.5273+0.3707i	1.2264-0.6669i	-4.0026+0.6235i
49.6	-0.1155-0.2978i	68.5776+1.9675i	0.4513-0.2623i	1.2842-0.8125i	4.8644-1.1577i	-0.5402+0.3237i	1.2426-0.7032i	-4.2282-0.1073i
49.7	-0.1304-0.3555i	69.9039+1.1770i	0.4769-0.2736i	1.2770-0.8093i	5.3636-0.9654i	-0.6541+0.2515i	1.2510-0.6812i	-5.2727-0.1250i

49.8	-0.1518-0.3647i	69.9552+1.9317i	0.5987-0.2292i	1.3010-0.7992i	5.7251-1.4758i	-0.6537+0.4071i	1.3070-0.6797i	-5.9588+0.9412i
49.9	-0.0998-0.3134i	70.1597+1.5072i	0.5521-0.2280i	1.1855-0.7166i	4.9970-1.6482i	-0.5796+0.5069i	1.2006-0.6086i	-4.9148+1.2430i
50.0	-0.0118-0.4212i	70.0816+2.3178i	0.6622-0.1053i	1.5104-0.3970i	5.3842-0.2494i	-0.4761+0.3706i	1.5161-0.2882i	-5.3738-0.2367i
50.1	-0.0848-0.4629i	71.3398+2.0082i	0.7915-0.0908i	1.8565-0.6226i	6.7228-0.8022i	-0.6294+0.4343i	1.8720-0.5058i	-6.8646+0.3573i
50.2	-0.1857-0.4798i	71.8074+1.1676i	0.8324-0.1916i	2.0120-0.9421i	7.4822-1.8543i	-0.7951+0.5314i	2.0475-0.8134i	-7.4683+1.4676i
50.3	-0.2353-0.4451i	72.3620+1.1619i	0.9233-0.2680i	2.0675-1.1133i	7.5768-2.5459i	-0.7836+0.5883i	2.1120-0.9906i	-7.5150+2.2130i
50.4	-0.2416-0.3491i	73.0337+0.6166i	0.9141-0.3149i	1.9878-1.3319i	7.0134-3.2556i	-0.7225+0.7538i	2.0420-1.2230i	-7.1403+2.7904i
50.5	-0.2573-0.3258i	72.5583+0.5649i	0.8700-0.3834i	1.7937-1.5094i	6.5149-3.2034i	-0.6609+0.7830i	1.8524-1.4117i	-6.6267+3.1383i
50.6	-0.2682-0.2956i	72.1117+0.4874i	0.8809-0.3301i	1.6873-1.4342i	6.8756-3.0729i	-0.6486+0.7954i	1.7464-1.3350i	-6.7960+3.0331i
50.7	-0.3089-0.3497i	72.9985+0.7428i	1.0513-0.3926i	1.9740-1.4541i	7.8808-3.5937i	-0.7573+0.7804i	2.0472-1.3481i	-7.7759+3.6088i
50.8	-0.3429-0.1690i	73.3996+0.2912i	1.0641-0.5531i	1.8513-1.7806i	7.3693-4.7311i	-0.6676+0.9596i	1.9363-1.7000i	-7.0891+5.0971i
50.9	-0.1879-0.0573i	73.7503-0.5631i	0.9413-0.6980i	1.5831-1.8051i	6.8032-5.3255i	-0.5846+0.8701i	1.6499-1.7535i	-5.5158+5.3800i
51.0	-0.0985-0.1914i	74.7471-0.3086i	0.8708-0.6555i	1.6389-1.6492i	6.4516-5.0048i	-0.6360+0.8363i	1.6865-1.5878i	-5.1962+4.4176i
51.1	-0.2036-0.2120i	74.7114-0.6410i	0.9149-0.7667i	1.8029-1.9747i	6.6551-5.8664i	-0.7329+0.9479i	1.8594-1.9085i	-5.6514+4.9631i
51.2	-0.0774-0.0912i	74.2102-1.7476i	0.6973-0.9340i	1.0909-1.9656i	4.1457-5.4968i	-0.3990+0.9604i	1.1511-1.9198i	-3.3991+4.6057i
51.3	0.1344-0.2525i	74.0725-1.0697i	0.5573-0.7347i	1.2594-1.1378i	4.5263-2.5455i	-0.4042+0.5382i	1.2855-1.0738i	-3.7433+1.7690i
51.4	0.1032-0.4360i	74.7904-0.0924i	0.7233-0.5423i	1.9467-0.9817i	6.9519-1.8147i	-0.7007+0.4096i	1.9757-0.8821i	-6.4414+0.9224i
51.5	-0.0996-0.5317i	76.3914+0.6086i	1.1539-0.5200i	2.7588-1.3424i	9.6961-3.3288i	-1.0070+0.5982i	2.8306-1.2296i	-9.6276+2.6080i
51.6	-0.1711-0.5042i	77.8215+0.1883i	1.4563-0.7676i	3.0404-1.9688i	10.1009-5.5017i	-0.9977+0.8260i	3.1483-1.8821i	-10.2512+5.1524i
51.7	-0.2391-0.4407i	78.8295-1.3818i	1.5015-1.0798i	3.0147-2.5856i	9.7498-7.2924i	-0.9823+1.0006i	3.1276-2.5160i	-9.7302+7.0828i
51.8	-0.2440-0.3900i	79.0105-1.5362i	1.3127-1.3068i	2.6621-3.0016i	8.5820-8.4562i	-0.9483+1.1131i	2.7637-2.9505i	-8.2206+8.0069i
51.9	-0.1477-0.3203i	79.0178-1.0954i	1.1219-1.3524i	2.2249-3.0477i	7.1796-8.4005i	-0.7992+1.1498i	2.3283-3.0004i	-7.3108+7.6574i
52.0	-0.0999-0.2707i	79.1003-3.0558i	1.0339-1.3934i	1.9640-3.2618i	6.3267-8.9852i	-0.7066+1.3293i	2.0862-3.2267i	-6.9290+8.7391i
52.1	-0.0752-0.1942i	78.8874-4.7323i	0.8132-1.5078i	1.4712-3.5659i	4.7838-9.7805i	-0.5539+1.5210i	1.5761-3.5495i	-4.8604+9.4693i
52.2	-0.0198-0.2480i	78.9584-4.3429i	0.6376-1.5534i	1.0470-3.4618i	3.8151-8.6411i	-0.3484+1.3516i	1.1312-3.4528i	-3.5379+8.3832i
52.3	0.0606-0.2708i	78.7619-3.7846i	0.6609-1.3254i	0.9683-2.9205i	4.1510-7.5508i	-0.2864+1.1978i	1.0553-2.9023i	-4.2323+6.9031i
52.4	0.0802-0.2939i	79.7319-3.6569i	0.7819-1.2396i	1.3711-2.7308i	5.2531-7.8094i	-0.4803+1.1966i	1.4666-2.6986i	-5.8306+6.9259i
52.5	0.1594-0.2599i	79.5100-5.0893i	0.6998-1.4556i	1.3254-3.2731i	4.5491-9.8455i	-0.5357+1.3945i	1.4273-3.2644i	-5.1768+9.3381i
52.6	0.2584-0.3575i	79.1239-4.8600i	0.4964-1.5953i	0.8729-3.3114i	2.6241-9.5414i	-0.3325+1.3301i	0.9518-3.3400i	-2.8738+9.7002i
52.7	0.2760-0.6895i	80.0748-3.3963i	0.5980-1.3310i	1.1595-2.7759i	2.5835-6.6459i	-0.2274+1.1731i	1.2396-2.7850i	-3.5886+7.0082i
52.8	0.2097-0.8648i	80.4893-3.2576i	0.8685-1.1704i	1.6683-2.6435i	4.6986-5.8203i	-0.3912+1.0666i	1.7636-2.6414i	-5.9061+6.4195i
52.9	0.0741-0.8085i	82.5401-3.4959i	0.9859-1.4887i	1.9302-3.3101i	5.7926-8.4728i	-0.6524+1.2592i	2.0260-3.3299i	-6.3143+9.3515i
53.0	-0.0227-0.8280i	83.1491-5.0396i	0.8182-1.7859i	1.6142-3.7755i	4.7716-9.4495i	-0.6289+1.3498i	1.6830-3.8093i	-4.5215+10.7062i
53.1	-0.1251-0.8311i	82.0750-5.8579i	0.5585-1.7836i	1.2697-3.6942i	4.3499-8.9272i	-0.6808+1.3265i	1.3059-3.7160i	-3.0226+9.7888i
53.2	-0.1669-0.9281i	84.2784-5.0931i	0.6735-1.8635i	1.3490-3.8309i	4.5479-9.0884i	-0.6093+1.3775i	1.3879-3.8596i	-3.4395+9.8800i
53.3	-0.1899-0.9035i	84.5841-5.1175i	0.5819-1.9912i	1.1850-3.8657i	4.3758-9.3061i	-0.5529+1.3254i	1.2127-3.8990i	-2.7910+10.0698i
53.4	-0.0628-0.7649i	84.0520-5.5464i	0.3425-1.9491i	0.8091-3.7816i	3.0578-9.5853i	-0.4507+1.3995i	0.8302-3.8065i	-1.6607+9.6456i
53.5	0.1837-1.0389i	84.0376-5.6599i	0.3766-1.6291i	1.0338-3.0161i	2.7199-7.4595i	-0.4146+1.1718i	1.0629-3.0281i	-2.2662+7.3280i
53.6	0.0924-1.2936i	85.2626-5.4120i	0.6071-1.6210i	1.8012-3.2942i	4.9028-7.7305i	-0.7699+1.2198i	1.8327-3.2916i	-4.2768+7.5271i
53.7	-0.1055-1.3605i	85.7785-5.0223i	0.5936-1.9042i	1.7375-4.0552i	5.0194-9.2934i	-0.8611+1.4459i	1.7608-4.0674i	-3.9388+9.4460i
53.8	-0.3136-1.3962i	87.2514-6.2609i	0.4289-2.0897i	1.5008-4.6001i	4.8505-10.5558i	-0.9380+1.6944i	1.5048-4.6039i	-2.9705+10.4672i
53.9	-0.5188-1.4007i	87.9421-8.1244i	0.2651-2.2384i	1.0339-5.1824i	3.8405-12.1310i	-0.7591+2.0630i	1.0434-5.1634i	-2.1849+11.1592i
54.0	-0.4572-1.2877i	86.7460-8.6031i	-0.0555-2.1586i	0.1622-5.0076i	1.7128-11.8163i	-0.4164+2.0056i	0.1785-4.9755i	-0.6555+10.2897i
54.1	-0.3910-1.6494i	87.7615-6.6029i	0.2269-1.9370i	0.7900-4.3008i	3.2267-9.7750i	-0.7078+1.6818i	0.8260-4.2869i	-2.8415+9.2634i
54.2	-0.7201-1.8694i	89.8491-7.5527i	0.3753-2.2723i	1.1747-4.9450i	3.9469-11.1981i	-0.8708+1.9290i	1.1979-4.9577i	-2.7426+11.5245i
54.3	-1.0959-1.7950i	89.5945-8.9076i	0.0528-2.4953i	0.6250-5.4635i	2.8847-12.1310i	-0.7475+2.1718i	0.6259-5.4718i	-0.8099+11.9672i
54.4	-1.2762-1.7941i	89.7143-7.7962i	-0.0609-2.5419i	0.2445-5.7058i	1.6048-12.3382i	-0.4844+2.3827i	0.2593-5.7018i	-0.1162+11.8999i
54.5	-1.4234-1.5826i	89.0174-8.5325i	-0.2496-2.3731i	-0.2604-5.4595i	0.5932-11.5053i	-0.2311+2.3744i	-0.2422-5.4367i	0.5469+10.6288i
54.6	-1.4186-1.4629i	88.2951-9.1870i	-0.2632-2.0436i	-0.2720-4.8210i	1.6158-10.1486i	-0.2770+2.1802i	-0.2476-4.7864i	-0.7510+9.0600i
54.7	-1.4492-1.5448i	90.4282-8.4640i	0.0726-2.1140i	0.3830-4.7494i	4.2898-10.6784i	-0.5328+2.0335i	0.3939-4.7424i	-2.6740+10.2489i
54.8	-1.6643-1.4990i	91.2558-9.5108i	0.0382-2.3393i	0.2762-5.3916i	3.0230-12.9944i	-0.4245+2.4257i	0.2960-5.3662i	-1.9861+11.7207i
54.9	-2.0169-1.2789i	91.6541-11.3210i	-0.3022-2.4833i	-0.4394-5.8491i	0.4933-13.8370i	-0.1111+2.7111i	-0.4175-5.8117i	0.0979+12.1679i
55.0	-2.1937-1.0320i	92.0862-11.9248i	-0.5240-2.4985i	-0.8747-5.8908i	-0.5996-13.6741i	0.0492+2.7360i	-0.8539-5.8467i	1.2164+11.8914i
55.1	-2.2331-0.7809i	91.5929-11.2588i	-0.6339-2.3968i	-1.1430-5.7453i	-1.3783-12.9831i	0.2079+2.7112i	-1.1092-5.7030i	1.4589+11.5064i
55.2	-2.2841-0.6489i	91.6936-10.2592i	-0.6221-2.3795i	-1.3689-5.7790i	-1.8918-12.5280i	0.4053+2.7288i	-1.3171-5.7507i	1.7951+11.9166i
55.3	-2.1815-0.4762i	92.7050-9.4632i	-0.6777-2.3649i	-1.5900-5.5074i	-2.1659-11.6011i	0.5471+2.5257i	-1.5440-5.5029i	2.3382+11.4148i
55.4	-1.9836-0.2280i	93.7457-10.1102i	-0.7911-2.1837i	-1.7475-4.9751i	-2.2144-10.1641i	0.6491+2.2889i	-1.7132-4.9772i	2.6503+10.2160i
55.5	-1.8831-0.3607i	94.8072-10.2456i	-0.6515-2.1128i	-1.1988-5.0344i	-0.6920-10.7690i	0.4034+2.3354i	-1.1674-5.0030i	1.4541+9.7551i
55.6	-2.1026-0.3185i	95.8434-10.7698i	-0.6529-2.3076i	-1.2891-5.6802i	-0.9561-12.3877i	0.3814+2.5891i	-1.2492-5.6394i	1.6197+10.8895i
55.7	-2.1829+0.0448i	95.3286-11.6491i	-0.9454-2.2680i	-2.1883-5.6132i	-3.1982-12.1621i	0.7686+2.6671i	-2.1260-5.5800i	3.1264+10.6179i
55.8	-2.1652+0.1590i	95.0153-12.1424i	-1.0626-2.2390i	-2.4988-5.4173i	-3.7981-11.5340i	0.9167+2.5856i	-2.4340-5.3949i	3.5082+10.3246i
55.9	-1.9714+0.2896i	96.3493-11.5203i	-1.1106-2.0812i	-2.6289-4.9870i	-4.0279-10.4799i	1.0335+2.4346i	-2.5646-4.9661i	3.6267+9.4279i
56.0	-1.6181-0.0010i	97.5938-9.7588i	-0.8539-1.9001i	-1.7947-4.4640i	-2.1102-8.9898i	0.7923+2.1535i	-1.7287-4.4515i	1.8192+8.3813i

56.1	-1.8169-0.2411i	98.7502-10.7161i	-0.6169-2.1123i	-1.1759-5.2570i	-0.4298-10.5553i	0.5191+2.3753i	-1.1187-5.2395i	0.4467+9.8635i
56.2	-2.2454+0.1547i	100.3958-13.3290i	-0.9922-2.3903i	-2.3086-6.0075i	-2.3533-12.6088i	0.8368+2.6966i	-2.2551-5.9821i	2.7803+11.2549i
56.3	-2.2371+0.4210i	100.2445-14.4303i	-1.2633-2.3807i	-3.0291-5.8898i	-4.1776-12.5833i	1.1315+2.7106i	-2.9643-5.8683i	4.0322+11.1421i
56.4	-2.1130+0.5180i	99.4379-13.9764i	-1.3473-2.2975i	-3.3330-5.6092i	-5.0747-11.7491i	1.3033+2.5932i	-3.2619-5.6017i	4.4591+10.7932i
56.5	-2.1665+0.6955i	100.6191-13.9293i	-1.4281-2.2479i	-3.5237-5.4590i	-5.4581-11.2465i	1.3701+2.5604i	-3.4497-5.4505i	4.6784+10.3431i
56.6	-2.1415+0.8835i	101.8884-14.8675i	-1.5395-2.1655i	-3.7546-5.3193i	-5.8134-11.0559i	1.4469+2.5728i	-3.6781-5.2992i	5.0120+9.7401i
56.7	-1.9363+0.9566i	101.4740-14.7052i	-1.5892-2.0739i	-3.8619-5.0702i	-5.8156-10.4687i	1.4958+2.4758i	-3.7854-5.0602i	5.2117+9.3104i
56.8	-1.8307+1.1279i	103.2629-15.2863i	-1.6588-1.9828i	-4.0638-4.8306i	-6.1599-9.8203i	1.6263+2.3731i	-3.9876-4.8293i	5.3923+8.9874i
56.9	-1.6825+1.1353i	103.1308-15.5096i	-1.6694-1.8110i	-4.0845-4.4372i	-6.1834-9.1316i	1.6556+2.2479i	-4.0073-4.4211i	5.2506+8.0704i
57.0	-1.4523+1.1631i	104.1063-15.8794i	-1.6794-1.6770i	-4.0770-4.1165i	-6.0602-8.4761i	1.6686+2.1440i	-3.9993-4.0974i	5.1533+7.3243i
57.1	-1.3751+1.0352i	106.9052-17.2142i	-1.5834-1.5996i	-3.7750-3.9319i	-5.0465-7.9108i	1.6079+2.0400i	-3.7031-3.9262i	4.5713+7.1117i
57.2	-1.6129+0.6866i	108.7816-16.7028i	-1.3018-1.7527i	-3.0229-4.4112i	-3.0565-9.1411i	1.3371+2.1474i	-2.9485-4.4013i	3.0128+7.9302i
57.3	-1.8022+0.9727i	107.7190-15.2199i	-1.4058-1.9058i	-3.4824-4.9170i	-4.2436-10.2530i	1.4473+2.3205i	-3.3862-4.9069i	3.1096+8.7571i
57.4	-1.6869+1.2731i	108.2039-16.2386i	-1.5776-1.9029i	-3.9918-4.8260i	-5.0794-10.1834i	1.5602+2.3317i	-3.8989-4.8231i	3.7520+9.1184i
57.5	-1.7529+1.5600i	109.4934-17.5736i	-1.7183-2.0364i	-4.3831-5.1351i	-6.1647-11.1388i	1.7582+2.5314i	-4.2834-5.1319i	4.8476+10.2006i
57.6	-1.5515+1.8178i	109.8209-18.6385i	-1.9003-1.9806i	-4.8284-4.9568i	-7.1488-10.5530i	1.9687+2.4545i	-4.7407-4.9619i	6.0119+9.8590i
57.7	-1.3831+1.9094i	112.1094-18.4178i	-1.9944-1.9345i	-5.0377-4.7993i	-7.3206-10.0035i	2.0491+2.3798i	-4.9705-4.8127i	6.4872+9.2791i
57.8	-1.1576+1.8040i	112.5983-19.1301i	-2.0019-1.8161i	-5.1221-4.4933i	-7.3944-9.2317i	2.1034+2.2298i	-5.0478-4.5137i	6.4774+8.6062i
57.9	-0.9644+1.8098i	114.1286-19.3446i	-2.0266-1.7085i	-5.2170-4.2212i	-7.5262-8.6274i	2.1566+2.1222i	-5.1454-4.2393i	6.5202+8.1751i
58.0	-0.7509+1.8128i	114.2249-20.5549i	-2.0707-1.6170i	-5.3551-4.0027i	-7.7162-8.2122i	2.2330+2.0457i	-5.2852-4.0168i	6.6239+7.8294i
58.1	-0.5370+1.6639i	114.4140-21.1794i	-2.1185-1.5182i	-5.5201-3.7481i	-8.1106-7.7757i	2.3419+1.9483i	-5.4348-3.7719i	6.6104+7.5882i
58.2	-0.4657+1.5182i	116.9273-20.9509i	-2.1042-1.4374i	-5.4622-3.5215i	-8.0411-7.3873i	2.3246+1.8584i	-5.3790-3.5488i	6.6056+7.2093i
58.3	-0.8008+1.5397i	117.3388-22.0465i	-2.0080-1.4606i	-5.2285-3.5379i	-7.4914-7.0269i	2.2214+1.8446i	-5.1603-3.5591i	6.2818+6.8946i
58.4	-0.6329+1.7311i	118.3061-21.7402i	-2.0907-1.4961i	-5.4754-3.6141i	-7.4989-7.1526i	2.3340+1.8897i	-5.3984-3.6448i	6.1867+7.1877i
58.5	-0.3358+1.6739i	119.7089-23.6562i	-2.1603-1.4162i	-5.6497-3.3845i	-7.6775-6.9898i	2.4107+1.8146i	-5.5713-3.4142i	6.3244+6.8807i
58.6	-0.1391+1.6975i	123.2899-25.1006i	-2.2547-1.4070i	-5.9022-3.3428i	-7.8811-6.9911i	2.4921+1.7997i	-5.8226-3.3683i	6.5593+6.7486i
58.7	-0.1515+1.7683i	125.6792-24.1953i	-2.2839-1.4130i	-6.0003-3.3472i	-7.7604-6.9744i	2.5194+1.7888i	-5.9279-3.3724i	6.6144+6.8116i
58.8	-0.1094+1.7391i	125.9728-27.9327i	-2.2606-1.3006i	-5.9840-3.0179i	-7.7400-6.5005i	2.5476+1.6387i	-5.9111-3.0431i	6.5789+6.3715i
58.9	-0.0819+1.6815i	127.5523-29.1217i	-2.2519-1.2501i	-5.9768-2.9010i	-7.8183-6.3848i	2.5628+1.6063i	-5.8966-2.9247i	6.2970+6.0205i
59.0	0.1287+1.6982i	127.1879-29.8551i	-2.2782-1.2133i	-6.0156-2.7921i	-7.6814-6.1792i	2.5523+1.5480i	-5.9430-2.8108i	6.2804+5.8165i
59.1	0.2574+1.7641i	129.4117-28.9509i	-2.3190-1.2667i	-6.0995-2.8633i	-7.6031-6.3107i	2.5693+1.5868i	-6.0295-2.8852i	6.2506+6.1348i
59.2	0.3759+1.7217i	133.1263-31.2452i	-2.3860-1.2087i	-6.3149-2.7214i	-7.7338-6.1255i	2.6724+1.5263i	-6.2397-2.7536i	6.4430+6.1354i
59.3	0.4514+1.6338i	135.4064-31.4797i	-2.4036-1.2039i	-6.3763-2.7062i	-7.8208-6.1542i	2.6950+1.5230i	-6.2891-2.7383i	6.2356+6.1007i
59.4	0.5884+1.4124i	135.8372-35.4931i	-2.4413-1.1335i	-6.4415-2.4786i	-8.0458-6.0236i	2.7446+1.4435i	-6.3491-2.5106i	6.2038+5.8935i
59.5	0.6534+1.2644i	136.6059-36.3958i	-2.4651-1.1311i	-6.4950-2.3908i	-7.9794-6.1187i	2.7526+1.4277i	-6.4109-2.4162i	6.2871+5.9073i
59.6	0.6504+1.1911i	140.2879-40.7548i	-2.5419-1.0326i	-6.6825-2.1192i	-8.3535-5.7563i	2.8588+1.3246i	-6.5845-2.1566i	6.3084+5.8562i
59.7	0.6124+1.1202i	141.5464-38.0971i	-2.5355-1.1203i	-6.6849-2.2336i	-8.0278-6.0221i	2.8126+1.3798i	-6.6049-2.2705i	6.2168+6.1978i
59.8	0.6032+1.0605i	143.6564-39.5766i	-2.5658-1.1113i	-6.8162-2.1754i	-7.8471-6.0397i	2.8450+1.3575i	-6.7441-2.2104i	6.2835+6.1373i
59.9	0.6482+0.9007i	142.4103-41.4614i	-2.5655-1.0347i	-6.7555-2.0060i	-7.8421-5.8312i	2.8298+1.2935i	-6.6819-2.0355i	6.2483+5.8187i
60.0	0.6704+0.8230i	146.0135-44.3065i	-2.6211-0.8944i	-6.7762-1.5885i	-8.0424-5.5558i	2.8576+1.1550i	-6.7276-1.6169i	6.4709+5.4363i
60.1	0.6933+0.7638i	145.5016-50.7911i	-2.6836-0.7813i	-6.9338-1.3481i	-8.3773-5.0684i	2.9526+1.0446i	-6.8596-1.3888i	6.5305+5.4837i
60.2	0.7381+0.8208i	148.1257-52.5392i	-2.7196-0.8039i	-7.0298-1.3868i	-8.3585-5.0972i	2.9784+1.0666i	-6.9499-1.4241i	6.5809+5.6258i
60.3	0.7951+0.8585i	151.6767-53.0914i	-2.7676-0.8294i	-7.1039-1.4041i	-8.3788-5.2727i	3.0026+1.1054i	-7.0252-1.4386i	6.5649+5.7866i
60.4	0.8570+0.8347i	151.0268-55.5972i	-2.7795-0.7754i	-7.1036-1.2841i	-8.4692-5.1115i	3.0163+1.0753i	-7.0157-1.3320i	6.4142+5.8098i
60.5	1.0318+0.7442i	152.2346-58.8237i	-2.8308-0.7080i	-7.2030-1.1430i	-8.6278-5.0545i	3.0751+1.0374i	-7.1093-1.1849i	6.5364+5.6812i
60.6	1.1146+0.5486i	151.3803-59.1615i	-2.8041-0.6927i	-7.1885-1.1304i	-8.4915-4.8972i	3.0579+1.0156i	-7.0855-1.1808i	6.3269+5.7653i
60.7	1.2121+0.4311i	155.1707-63.6369i	-2.9280-0.6280i	-7.4439-0.9662i	-8.8264-4.8078i	3.1687+0.9751i	-7.3463-1.0199i	6.7055+5.8521i
60.8	1.2254+0.3056i	155.8875-66.8186i	-2.9654-0.5784i	-7.5360-0.8159i	-8.7888-4.8187i	3.2157+0.9491i	-7.4599-0.8674i	7.0041+5.8137i
60.9	1.2684+0.2029i	155.8936-69.8851i	-2.9721-0.5107i	-7.6088-0.6526i	-8.7333-4.5876i	3.2507+0.8957i	-7.5310-0.7042i	7.0674+5.7738i
61.0	1.2997+0.1249i	158.9058-72.6511i	-3.0471-0.4818i	-7.8449-0.5156i	-8.9695-4.5838i	3.3594+0.8530i	-7.7586-0.5672i	7.2022+5.9441i
61.1	1.3480-0.0798i	158.5978-78.4228i	-3.0911-0.3949i	-7.8652-0.2423i	-9.2198-4.4492i	3.4149+0.7556i	-7.7795-0.2890i	7.2762+5.7134i
61.2	1.3054-0.2129i	156.0629-78.8786i	-3.0361-0.3592i	-7.7356-0.1775i	-8.9747-4.2210i	3.3685+0.7289i	-7.6507-0.2326i	7.1865+5.6830i
61.3	1.3143-0.3540i	157.9541-79.7619i	-3.0537-0.3583i	-7.8542-0.1601i	-8.9196-4.1612i	3.4291+0.7444i	-7.7705-0.2209i	7.3245+5.8854i
61.4	1.2914-0.6110i	159.1267-85.1728i	-3.1699-0.2230i	-8.0425+0.1642i	-9.3243-3.9543i	3.5412+0.6488i	-7.9539+0.0966i	7.5836+5.8091i
61.5	1.2707-0.8744i	162.1768-90.9585i	-3.2909-0.1192i	-8.2581+0.4321i	-9.6163-3.8417i	3.6474+0.5582i	-8.1616+0.3605i	7.8272+5.7107i
61.6	1.0811-1.0295i	159.9088-90.5581i	-3.2270-0.0538i	-8.1871+0.5727i	-9.3320-3.6410i	3.6086+0.5088i	-8.0924+0.4919i	7.6935+5.6806i
61.7	0.8714-1.1796i	157.6867-96.2990i	-3.2314+0.1126i	-8.2504+0.9134i	-9.3932-3.2657i	3.6727+0.3558i	-8.1595+0.8440i	7.8907+5.3324i
61.8	0.7907-1.3719i	159.7290-103.1096i	-3.3305+0.2332i	-8.4394+1.2485i	-9.8201-3.2299i	3.7998+0.2550i	-8.3487+1.1778i	8.2178+5.2386i
61.9	0.6587-1.4044i	161.3525-103.5876i	-3.3318+0.2671i	-8.4755+1.3268i	-9.8871-3.1264i	3.8260+0.2340i	-8.3803+1.2425i	8.2455+5.4669i
62.0	0.5624-1.5852i	161.7402-108.2222i	-3.3467+0.3839i	-8.5259+1.6790i	-9.8969-2.9635i	3.8972+0.1056i	-8.4369+1.5881i	8.4933+5.4433i
62.1	0.3636-1.6120i	158.3414-112.4251i	-3.3027+0.4613i	-8.4176+1.9109i	-9.7950-2.6206i	3.8959-0.0075i	-8.3387+1.8130i	8.6724+5.2277i
62.2	0.1025-1.6716i	159.4887-117.9882i	-3.3213+0.5522i	-8.5086+2.1519i	-9.9453-2.4606i	3.9688-0.1162i	-8.4231+2.0561i	8.8514+5.0636i
62.3	-0.1103-1.6399i	155.3480-117.3041i	-3.2370+0.6053i	-8.3689+2.3145i	-9.7600-2.5349i	3.8790-0.2052i	-8.2836+2.2270i	8.5151+4.8617i

62.4	-0.2080-1.6973i	151.8753-121.9241i	-3.2026+0.7648i	-8.2305+2.6817i	-9.9066-2.0930i	3.8595-0.3400i	-8.1436+2.5939i	8.5772+4.6866i
62.5	-0.4466-1.8559i	152.5166-128.8500i	-3.2287+0.8978i	-8.2886+3.0890i	-9.8938-1.7275i	3.9546-0.5145i	-8.2107+2.9806i	9.1242+4.6552i
62.6	-0.6163-1.9943i	157.3010-136.7594i	-3.3132+0.9735i	-8.5378+3.3686i	-10.1333-1.6908i	4.1182-0.6261i	-8.4647+3.2507i	9.6507+4.6978i
62.7	-0.7447-1.9670i	159.1055-139.9714i	-3.2929+1.0086i	-8.5379+3.5785i	-10.0886-1.7577i	4.1258-0.6959i	-8.4714+3.4678i	9.7986+4.6933i
62.8	-0.7855-1.7090i	155.5520-134.9500i	-3.1850+1.0058i	-8.2287+3.6132i	-9.9459-1.7144i	3.9735-0.6754i	-8.1520+3.4904i	9.3627+4.7184i
62.9	-1.0029-1.6174i	146.6685-142.1391i	-3.0997+1.1818i	-7.9821+4.0686i	-10.0011-1.3448i	3.9406-0.9251i	-7.9121+3.9523i	9.4267+3.9895i
63.0	-1.2809-1.5837i	145.0639-146.7079i	-3.0751+1.3187i	-7.9965+4.4583i	-10.2458-1.0242i	3.9787-1.1183i	-7.9129+4.3385i	9.5529+3.8304i
63.1	-1.5082-1.7132i	149.6889-152.6449i	-3.1314+1.4069i	-8.1747+4.8303i	-10.2200-0.8678i	4.0701-1.2466i	-8.1183+4.6898i	10.2581+4.1188i
63.2	-1.8277-1.4284i	142.9837-158.0247i	-3.0136+1.4668i	-7.8150+4.9768i	-10.2850-0.6771i	3.9602-1.3585i	-7.7503+4.8433i	10.0940+3.5440i
63.3	-1.9385-1.4082i	138.9558-160.7115i	-2.9834+1.5412i	-7.7671+5.3875i	-10.2668-0.5503i	3.9393-1.5148i	-7.6980+5.2435i	10.0772+3.5519i
63.4	-2.0985-1.3287i	134.1849-161.7375i	-2.8763+1.6074i	-7.5010+5.6361i	-10.0499-0.2230i	3.8050-1.6132i	-7.4400+5.4777i	10.0011+3.5964i
63.5	-2.2490-1.2082i	135.6547-167.0235i	-2.9017+1.6686i	-7.4937+5.8317i	-10.2194-0.0333i	3.8458-1.7383i	-7.4345+5.6635i	10.1741+3.5352i
63.6	-2.2800-1.0380i	134.6831-163.7478i	-2.8254+1.6232i	-7.2854+5.8130i	-9.9646-0.1130i	3.7228-1.7442i	-7.2334+5.6423i	9.9201+3.6073i
63.7	-2.5500-0.8917i	131.8806-170.9287i	-2.7935+1.7395i	-7.1157+6.2196i	-10.0548+0.0840i	3.6777-1.9234i	-7.0840+6.0407i	10.2629+3.4027i
63.8	-2.6586-0.8627i	131.4637-175.7576i	-2.8039+1.8294i	-7.0080+6.5120i	-10.1594+0.3757i	3.6842-2.0210i	-6.9912+6.3200i	10.6634+3.5431i
63.9	-2.8110-0.5045i	128.8293-176.3864i	-2.7424+1.8202i	-6.7840+6.6431i	-10.0354+0.3178i	3.5762-2.0682i	-6.7828+6.4578i	10.8505+3.4392i
64.0	-2.8747-0.1591i	125.9873-181.9971i	-2.7164+1.9386i	-6.6133+6.9170i	-10.2454+0.6599i	3.5205-2.2171i	-6.6115+6.7247i	11.0391+3.2024i
64.1	-2.8957+0.0121i	120.6038-183.7783i	-2.6188+1.9572i	-6.2321+6.9700i	-10.1100+0.9021i	3.3515-2.2884i	-6.2262+6.7713i	10.8852+2.9809i
64.2	-2.7016+0.2463i	113.3728-182.5110i	-2.5325+1.9484i	-5.7643+6.9711i	-10.0952+1.1246i	3.1963-2.3321i	-5.7592+6.7841i	10.7086+2.7350i
64.3	-2.5222+0.4672i	108.5379-186.0228i	-2.4941+2.0339i	-5.5227+7.2653i	-10.0576+1.3666i	3.1318-2.3952i	-5.5344+7.0779i	11.1950+2.4334i
64.4	-2.4846+0.5386i	108.8709-190.4494i	-2.5674+2.1014i	-5.6364+7.5670i	-10.1988+1.6621i	3.1680-2.4811i	-5.6665+7.3561i	11.7785+2.7545i
64.5	-2.4872+0.6473i	104.9361-190.7986i	-2.5262+2.0796i	-5.3715+7.4344i	-10.1339+1.7396i	3.0189-2.4679i	-5.4116+7.2355i	11.7649+2.4279i
64.6	-2.6245+0.8275i	98.9140-196.8126i	-2.4841+2.1548i	-5.2378+7.5894i	-10.0266+1.9531i	2.9133-2.5734i	-5.2925+7.4055i	11.9707+1.7861i
64.7	-2.6218+1.0796i	94.4337-196.4927i	-2.4853+2.1238i	-5.2584+7.4909i	-9.8367+1.9870i	2.8140-2.5732i	-5.3250+7.3274i	11.9861+1.3522i
64.8	-2.6072+1.1660i	96.0400-200.2228i	-2.5636+2.1913i	-5.2739+7.5311i	-10.0572+2.2994i	2.8542-2.5434i	-5.3445+7.3601i	12.3415+1.3694i
64.9	-2.4455+1.2607i	90.0078-200.1381i	-2.5168+2.2580i	-5.0352+7.7132i	-9.8308+2.6652i	2.7829-2.5841i	-5.1152+7.5464i	12.4668+1.0565i
65.0	-2.3128+1.4288i	84.4948-206.0063i	-2.5485+2.4380i	-4.8715+8.2869i	-10.0222+3.0686i	2.7526-2.7510i	-4.9613+8.1341i	12.8365+0.3809i
65.1	-2.3277+1.5617i	83.0537-211.4967i	-2.5824+2.5931i	-4.8924+8.5623i	-10.1647+3.4915i	2.7573-2.8125i	-4.9804+8.3904i	12.9177+0.1772i
65.2	-2.2820+1.6657i	78.8317-215.0018i	-2.5053+2.7305i	-4.5117+8.8373i	-10.1295+3.6961i	2.6665-2.8893i	-4.6027+8.6831i	12.9685-0.3672i
65.3	-2.2724+1.7664i	78.0822-211.8106i	-2.4500+2.7682i	-4.3623+8.9956i	-9.6531+3.6407i	2.5555-2.8227i	-4.4832+8.8519i	13.0765-0.4142i
65.4	-2.2567+1.7656i	79.1112-210.6796i	-2.3817+2.8386i	-4.2085+9.0728i	-9.2667+3.8590i	2.5589-2.7702i	-4.3446+8.9249i	13.2656-0.4381i
65.5	-2.0200+1.8582i	71.8345-213.7002i	-2.2632+3.0661i	-3.7259+9.5263i	-9.2874+4.5173i	2.4945-2.8800i	-3.8506+9.3810i	13.0868-0.9446i
65.6	-1.7955+2.0093i	62.9840-216.1493i	-2.1487+3.2361i	-3.2710+10.0061i	-9.1916+4.7840i	2.4111-2.9697i	-3.3937+9.8819i	12.9662-1.5507i
65.7	-1.6754+2.0947i	58.5148-213.7832i	-2.0520+3.2329i	-2.9211+9.9193i	-8.9609+4.7688i	2.3635-2.9500i	-3.0341+9.8109i	12.6199-1.9632i
65.8	-1.5256+2.2629i	50.3031-218.4489i	-1.8744+3.4331i	-2.5478+10.4816i	-8.4688+5.2038i	2.3202-3.1242i	-2.6809+10.3770i	12.7464-2.5282i
65.9	-1.4686+2.3131i	48.5144-223.8605i	-1.8434+3.5135i	-2.4182+10.6024i	-8.4231+5.3835i	2.3556-3.1967i	-2.5530+10.4939i	12.8199-2.6549i
66.0	-1.3154+2.3932i	41.9541-221.4368i	-1.6798+3.6108i	-1.9486+10.6916i	-8.1198+5.5146i	2.2678-3.2889i	-2.0759+10.5918i	12.4733-3.1671i
66.1	-1.2352+2.4561i	38.3060-224.8845i	-1.5222+3.7647i	-1.4681+11.2096i	-7.7566+5.8398i	2.2080-3.4507i	-1.6179+11.1079i	12.8063-3.2866i
66.2	-1.0980+2.5143i	30.0529-226.7102i	-1.3052+3.8905i	-0.7893+11.5458i	-7.5016+6.1289i	2.0426-3.5950i	-0.9417+11.4538i	12.7075-3.7457i
66.3	-0.8965+2.5108i	20.8968-224.3644i	-0.9934+4.0007i	0.3060+11.7417i	-7.0945+6.5429i	1.7830-3.7580i	0.1593+11.6538i	12.3556-4.2517i
66.4	-0.7724+2.5215i	19.7055-224.3764i	-0.8172+4.0176i	0.9205+11.7587i	-6.7706+6.4697i	1.6701-3.7898i	0.7645+11.6776i	12.3939-4.6170i
66.5	-0.6543+2.5182i	18.0908-224.7109i	-0.6477+4.0065i	1.5315+11.6897i	-6.5223+6.3902i	1.5411-3.7818i	1.3735+11.6144i	12.3299-4.7390i
66.6	-0.5452+2.4569i	16.4316-222.1099i	-0.5341+3.9299i	1.9293+11.3373i	-6.2828+6.2844i	1.4551-3.7272i	1.7749+11.2687i	12.0594-4.8363i
66.7	-0.3420+2.3944i	8.9069-220.6915i	-0.2913+3.8747i	2.8715+10.9165i	-6.0976+6.3519i	1.2431-3.7116i	2.7310+10.8615i	11.6841-5.3217i
66.8	-0.1102+2.3747i	0.5705-220.0831i	-0.0012+3.8947i	3.8044+10.8556i	-5.7059+6.3315i	1.0353-3.7823i	3.6557+10.8182i	11.5580-5.9240i
66.9	-0.0391+2.2613i	-4.6996-218.0185i	0.1805+3.8033i	4.3139+10.4707i	-5.4726+6.2811i	0.8872-3.7588i	4.1771+10.4363i	11.1838-6.1018i
67.0	-0.0088+2.1668i	-5.8110-215.5301i	0.3544+3.6898i	4.6837+10.0458i	-4.8676+6.2072i	0.7887-3.6601i	4.5220+10.0147i	11.2358-6.1310i
67.1	0.0979+2.0350i	-10.4806-210.6189i	0.6084+3.6065i	5.2492+9.5177i	-4.3732+6.3792i	0.5775-3.5849i	5.0836+9.4731i	10.8398-6.2337i
67.2	0.0878+1.9854i	-13.5649-212.9431i	0.6628+3.4859i	5.6599+8.8300i	-4.5639+6.1888i	0.5142-3.5510i	5.5071+8.7994i	10.6072-6.7417i
67.3	0.0902+1.8798i	-18.8451-212.3447i	0.7850+3.3748i	6.0658+8.2271i	-4.6641+6.3028i	0.3638-3.5298i	5.9380+8.2005i	10.0739-7.0764i
67.4	0.0813+1.7660i	-23.8592-207.3999i	1.0240+3.1926i	6.6262+7.4541i	-4.1268+6.3448i	0.1606-3.3874i	6.4921+7.4239i	9.7261-7.1995i
67.5	0.0722+1.6978i	-25.3358-205.0910i	1.0996+3.0017i	6.8188+6.8596i	-3.8875+6.0244i	0.0816-3.3084i	6.6832+6.8432i	9.4747-7.3718i
67.6	0.0149+1.6210i	-28.4288-200.4773i	1.1615+2.7976i	6.9564+6.1096i	-3.7795+5.8529i	-0.0317-3.2095i	6.8311+6.0956i	9.0101-7.4238i
67.7	0.0239+1.5343i	-33.5269-197.5143i	1.3857+2.6005i	7.4874+5.5692i	-3.4544+5.6225i	-0.2161-3.0936i	7.3625+5.5627i	8.6063-7.5737i
67.8	0.0437+1.5997i	-35.3137-200.6228i	1.4156+2.5700i	7.5287+5.3688i	-3.5524+5.5047i	-0.2121-3.0638i	7.4082+5.3684i	8.6703-7.6597i
67.9	0.0577+1.6260i	-37.1955-201.6527i	1.4383+2.4464i	7.5023+4.9177i	-3.5686+5.3779i	-0.2206-3.0045i	7.3963+4.9251i	8.5184-7.7868i
68.0	-0.0199+1.6715i	-43.5111-203.6855i	1.5220+2.2237i	7.8283+4.0691i	-3.5773+5.2230i	-0.2816-2.8900i	7.7185+4.0837i	8.4985-8.2295i
68.1	-0.0203+1.6902i	-46.3480-197.8601i	1.4781+2.0404i	7.5300+3.3516i	-3.4338+5.1045i	-0.3274-2.7418i	7.4295+3.3646i	8.0249-8.2333i
68.2	0.0288+1.7169i	-54.0509-193.6366i	1.4723+1.9285i	7.3333+2.7494i	-3.4093+5.1559i	-0.4259-2.6521i	7.2439+2.7595i	7.4955-8.4859i
68.3	0.0872+1.8406i	-57.8885-194.0459i	1.5399+1.8786i	7.3537+2.4300i	-3.4612+5.3681i	-0.4688-2.5843i	7.2511+2.4300i	7.4595-8.6130i
68.4	0.1250+1.8313i	-58.6222-188.2522i	1.4893+1.7185i	7.0095+1.7584i	-3.3619+5.5857i	-0.4503-2.4371i	6.9014+1.7399i	7.0208-8.3825i
68.5	0.2883+1.8366i	-63.7189-187.2790i	1.4595+1.5213i	6.6954+1.0801i	-3.2243+5.6765i	-0.4026-2.3502i	6.5904+1.0598i	6.6750-8.5170i
68.6	0.3638+1.8678i	-66.8241-188.4156i	1.4156+1.4726i	6.3703+0.8494i	-3.2087+5.7415i	-0.3573-2.3450i	6.2615+0.8302i	6.5729-8.7035i

68.7	0.4086+1.7846i	-67.6986-179.5302i	1.3952+1.2618i	6.3017+0.4058i	-3.0477+5.6276i	-0.4483-2.2299i	6.1966+0.3776i	6.0706-8.5000i
68.8	0.4635+1.7100i	-68.9718-172.8429i	1.3029+1.1088i	5.9166-0.0747i	-2.9071+5.6015i	-0.4600-2.1179i	5.8096-0.1090i	5.6134-8.2815i
68.9	0.5625+1.5848i	-73.4220-169.4083i	1.2938+1.0332i	5.6663-0.1833i	-2.6387+5.4830i	-0.4781-2.0844i	5.5502-0.2062i	5.3636-8.3303i
69.0	0.5564+1.5366i	-76.1895-168.0652i	1.1787+0.9360i	5.3424-0.6423i	-2.6110+5.5359i	-0.4496-2.0252i	5.2203-0.6540i	5.1704-8.4757i
69.1	0.5666+1.4710i	-77.1876-162.5089i	1.0603+0.8379i	4.9067-1.0533i	-2.4635+5.7129i	-0.4654-1.9343i	4.7832-1.0734i	4.7411-8.3008i
69.2	0.6710+1.4605i	-81.9955-162.6180i	1.0042+0.8291i	4.4815-1.1118i	-2.2820+5.7537i	-0.4339-1.9526i	4.3555-1.1170i	4.4647-8.5514i
69.3	0.6656+1.4357i	-79.3580-160.4817i	0.8858+0.7720i	3.9253-1.2157i	-2.0955+5.5597i	-0.3226-1.8950i	3.7910-1.2129i	4.2466-8.3350i
69.4	0.7666+1.4332i	-84.5420-156.9480i	0.8423+0.7529i	3.4706-1.3333i	-1.7961+5.6702i	-0.3115-1.9000i	3.3445-1.3257i	3.8534-8.2957i
69.5	0.8286+1.3167i	-89.0729-147.1936i	0.7757+0.6931i	3.0547-1.5288i	-1.4390+5.5309i	-0.3864-1.8199i	2.9355-1.5127i	3.2598-8.1103i
69.6	0.7943+1.1774i	-89.4715-142.1520i	0.6895+0.7062i	2.8263-1.5623i	-1.3904+5.4574i	-0.4272-1.7367i	2.7000-1.5461i	3.1045-7.7972i
69.7	0.7616+1.0934i	-87.9904-141.6620i	0.6186+0.6593i	2.5858-1.6653i	-1.2903+5.3302i	-0.3656-1.6694i	2.4573-1.6361i	3.1119-7.6746i
69.8	0.7468+1.0517i	-89.4614-138.0683i	0.5805+0.6361i	2.1347-1.6611i	-1.1305+5.2468i	-0.3145-1.6010i	2.0127-1.6263i	2.8213-7.5390i
69.9	0.6827+1.0238i	-91.4771-136.4076i	0.5403+0.6818i	2.0080-1.4004i	-1.0849+5.1572i	-0.3375-1.5894i	1.8836-1.3690i	2.8295-7.2658i
70.0	0.6510+1.0346i	-92.7080-132.5095i	0.4497+0.6761i	1.5514-1.3997i	-0.9688+5.0784i	-0.2493-1.5673i	1.4340-1.3553i	2.7059-7.1466i
70.1	0.6659+1.0031i	-91.3345-129.2246i	0.4261+0.6507i	1.3694-1.2364i	-0.9421+4.9508i	-0.1865-1.4985i	1.2555-1.1888i	2.5834-6.8455i
70.2	0.6476+0.9551i	-88.0996-123.3319i	0.3593+0.6579i	1.2725-1.0375i	-0.8850+4.7868i	-0.1618-1.4513i	1.1694-0.9998i	2.4784-6.3857i
70.3	0.6391+0.9483i	-90.2278-119.4518i	0.2868+0.6879i	0.8879-0.9530i	-0.7139+4.6415i	-0.1148-1.4675i	0.7907-0.9075i	2.3511-6.3265i
70.4	0.6320+0.9441i	-91.6230-117.2124i	0.2648+0.6516i	0.8663-1.0581i	-0.6174+4.5752i	-0.0658-1.4174i	0.7577-1.0003i	2.4670-6.3538i
70.5	0.7088+0.9205i	-92.9438-113.8072i	0.1971+0.6940i	0.4078-0.9183i	-0.5056+4.5169i	0.0539-1.4692i	0.3086-0.8619i	2.3788-6.3076i
70.6	0.6675+0.9167i	-91.7681-112.2071i	0.1230+0.7378i	0.1917-0.8624i	-0.5726+4.4128i	0.0952-1.4934i	0.1029-0.8076i	2.3133-6.1250i
70.7	0.6460+0.8953i	-91.6531-109.5185i	0.1009+0.7672i	0.2470-0.7899i	-0.5440+4.3405i	0.0864-1.4881i	0.1585-0.7406i	2.4446-6.0057i
70.8	0.6558+0.8656i	-91.4368-108.4959i	0.0798+0.7999i	-0.0549-0.5944i	-0.4586+4.3070i	0.1636-1.5271i	-0.1399-0.5400i	2.4859-5.9493i
70.9	0.6469+0.8229i	-90.5804-105.2137i	0.0498+0.8129i	-0.1201-0.4416i	-0.4665+4.2157i	0.1826-1.5594i	-0.2035-0.3880i	2.4777-5.8488i
71.0	0.6130+0.7703i	-87.1008-100.6748i	0.0308+0.8311i	-0.2647-0.3539i	-0.4002+4.1516i	0.1850-1.5662i	-0.3474-0.3032i	2.3593-5.7624i
71.1	0.5706+0.7118i	-85.6174-99.6000i	0.0309+0.8467i	-0.1365-0.1880i	-0.4815+4.0379i	0.1454-1.5306i	-0.2172-0.1470i	2.4079-5.5247i
71.2	0.5761+0.7001i	-86.8875-98.6745i	0.0290+0.8924i	-0.1876-0.0121i	-0.4839+4.0582i	0.1634-1.5924i	-0.2654+0.0280i	2.4925-5.6055i
71.3	0.5540+0.6810i	-86.7270-95.1919i	0.0462+0.9317i	-0.2856+0.1296i	-0.3478+4.0466i	0.1636-1.6470i	-0.3641+0.1795i	2.4520-5.7421i
71.4	0.5415+0.6832i	-83.7780-94.2704i	0.0424+0.9427i	-0.4251+0.1150i	-0.2710+3.9989i	0.1960-1.6193i	-0.5141+0.1632i	2.4946-5.7792i
71.5	0.4876+0.6690i	-84.0807-93.6386i	-0.0095+0.9508i	-0.6007-0.0217i	-0.1355+4.0538i	0.2668-1.5916i	-0.6949+0.0283i	2.5953-5.7965i
71.6	0.4301+0.6675i	-85.7127-91.8779i	-0.0596+0.9974i	-0.6523+0.2409i	-0.0441+4.0304i	0.3135-1.6829i	-0.7464+0.2857i	2.6773-5.8035i
71.7	0.4217+0.6763i	-86.7249-90.8963i	-0.0411+1.0796i	-0.8010+0.4982i	0.0821+4.0240i	0.2878-1.7772i	-0.8843+0.5421i	2.5405-5.9450i
71.8	0.4170+0.6821i	-85.2828-86.2665i	0.0084+1.0939i	-0.7818+0.5732i	0.1834+3.9469i	0.1838-1.7640i	-0.8528+0.6193i	2.1243-5.9679i
71.9	0.3923+0.6990i	-82.8026-83.5532i	0.0029+1.0928i	-0.8750+0.5684i	0.2829+3.8107i	0.2327-1.7395i	-0.9465+0.6233i	2.0845-5.9862i
72.0	0.3941+0.6881i	-83.4407-83.8650i	0.0133+1.1094i	-0.9210+0.7185i	0.3941+3.7265i	0.2455-1.7809i	-0.9965+0.7697i	2.0565-5.9699i
72.1	0.3736+0.6993i	-81.9033-83.7666i	0.0225+1.1482i	-0.9444+0.8918i	0.4681+3.6055i	0.2165-1.7945i	-1.0222+0.9276i	1.9145-5.7311i
72.2	0.3458+0.6881i	-81.6009-79.1893i	0.0972+1.1304i	-0.6866+0.9265i	0.5676+3.5124i	0.1587-1.7884i	-0.7736+0.9639i	1.7974-5.7329i
72.3	0.3170+0.7148i	-82.4168-77.9599i	0.1016+1.1868i	-0.7347+1.0531i	0.5958+3.4015i	0.1601-1.8201i	-0.8213+1.0981i	1.8106-5.7574i
72.4	0.3173+0.7554i	-81.7220-78.2176i	0.1157+1.2315i	-0.8286+1.1769i	0.6380+3.3136i	0.1852-1.8670i	-0.9123+1.2293i	1.8186-5.8575i
72.5	0.3010+0.7662i	-82.2127-76.6774i	0.1260+1.2459i	-0.8801+1.3172i	0.7140+3.2065i	0.2062-1.9246i	-0.9667+1.3766i	1.7887-5.8897i
72.6	0.3258+0.7309i	-83.2695-72.6442i	0.1989+1.1988i	-0.7011+1.4831i	0.7674+3.1418i	0.0840-1.9109i	-0.7779+1.5357i	1.3170-5.7160i
72.7	0.3298+0.8048i	-81.6743-71.4230i	0.2134+1.2939i	-0.6524+1.6472i	0.8542+3.0800i	0.0868-2.0111i	-0.7424+1.6898i	1.5153-5.7069i
72.8	0.3075+0.8403i	-80.2468-72.1825i	0.2340+1.3105i	-0.7562+1.6445i	1.0183+3.0214i	0.1099-1.9230i	-0.8542+1.6837i	1.6385-5.4197i
72.9	0.3059+0.8581i	-79.7057-72.5991i	0.2617+1.2835i	-0.7571+1.6459i	1.0244+3.0125i	0.0900-1.8542i	-0.8528+1.6874i	1.6118-5.2510i
73.0	0.2826+0.8552i	-79.0204-70.8316i	0.2145+1.2572i	-0.7507+1.6178i	1.0308+2.8672i	0.1259-1.9298i	-0.8450+1.6619i	1.5674-5.2522i
73.1	0.3297+0.8531i	-77.6296-67.0896i	0.2881+1.2873i	-0.5838+1.8712i	1.0612+2.7470i	0.0291-2.0333i	-0.6771+1.9188i	1.2678-5.3914i
73.2	0.3547+0.9025i	-77.6147-66.5265i	0.3383+1.3337i	-0.5290+1.9940i	1.1010+2.6620i	-0.0444-2.0751i	-0.6363+2.0430i	1.2672-5.4090i
73.3	0.3934+0.8994i	-78.9717-64.6185i	0.4001+1.3092i	-0.4218+2.0572i	1.2251+2.4473i	-0.0719-2.0479i	-0.5389+2.1152i	1.2957-5.4183i
73.4	0.4379+0.9111i	-77.7769-63.1751i	0.4504+1.2974i	-0.4545+2.0765i	1.4159+2.3817i	-0.0328-2.0546i	-0.5718+2.1339i	1.3241-5.4864i
73.5	0.4468+0.8877i	-77.9462-63.7722i	0.4969+1.2567i	-0.3604+2.0427i	1.3875+2.3117i	-0.0870-1.9358i	-0.4873+2.0960i	1.3280-5.1110i
73.6	0.4513+0.9106i	-77.8141-61.6029i	0.5047+1.2937i	-0.3599+2.1903i	1.3910+2.2220i	-0.1116-2.0156i	-0.4855+2.2443i	1.2826-5.1039i
73.7	0.4492+0.8663i	-76.9480-60.6179i	0.5218+1.2223i	-0.2651+2.1291i	1.3279+2.0637i	-0.1563-1.9526i	-0.3881+2.1906i	1.2544-4.9883i
73.8	0.4690+0.8706i	-77.5194-59.5525i	0.5619+1.2019i	-0.2204+2.2326i	1.3360+1.8951i	-0.1967-1.9844i	-0.3449+2.3076i	1.1779-5.1126i
73.9	0.4862+0.8548i	-77.1201-58.2821i	0.5909+1.1837i	-0.1303+2.4022i	1.4234+1.7102i	-0.2245-2.0495i	-0.2527+2.4842i	1.0913-5.0905i
74.0	0.5078+0.8485i	-76.6643-56.3025i	0.6126+1.1681i	-0.0238+2.5433i	1.4317+1.4793i	-0.2455-2.0835i	-0.1491+2.6467i	1.0927-5.2263i
74.1	0.5056+0.8828i	-76.8639-54.6593i	0.6201+1.1596i	-0.0383+2.4585i	1.5101+1.4919i	-0.2235-2.0487i	-0.1682+2.5686i	1.1662-5.2508i
74.2	0.4864+0.9059i	-75.3144-54.4242i	0.6048+1.1577i	-0.0203+2.3425i	1.6059+1.4605i	-0.2045-2.0369i	-0.1669+2.4556i	1.3352-5.1321i
74.3	0.4962+0.8862i	-74.7018-53.7721i	0.6090+1.0978i	0.0314+2.3387i	1.5673+1.2213i	-0.2589-2.0219i	-0.1117+2.4623i	1.1504-5.1299i
74.4	0.5326+0.8515i	-74.2075-50.5751i	0.6348+1.0287i	0.1919+2.3729i	1.5023+0.9773i	-0.3050-2.0158i	0.0637+2.5085i	0.9476-5.0835i
74.5	0.4966+0.8504i	-74.3503-50.9811i	0.6512+1.0190i	0.2164+2.3954i	1.5948+0.8611i	-0.2176-1.9309i	0.0645+2.5361i	1.3069-4.8803i
74.6	0.5047+0.8713i	-72.9881-50.1222i	0.6586+1.0087i	0.2318+2.2689i	1.6171+0.7304i	-0.2074-1.8814i	0.0820+2.4240i	1.3254-5.0119i
74.7	0.5954+0.8727i	-71.2662-46.9267i	0.7002+0.9937i	0.3573+2.3649i	1.5229+0.6042i	-0.3572-2.0046i	0.2394+2.5358i	0.8166-5.2500i
74.8	0.5732+0.8671i	-70.5062-47.1688i	0.6524+0.9825i	0.2603+2.3464i	1.4609+0.4815i	-0.3143-1.9536i	0.1457+2.5194i	0.9097-5.0912i
74.9	0.5969+0.8629i	-71.5177-45.9545i	0.6577+0.9547i	0.2789+2.3178i	1.4138+0.2415i	-0.3578-1.9581i	0.1778+2.5015i	0.8149-5.0175i

75.0	0.6565+0.8785i	-70.7371-43.6115i	0.7036+0.8974i	0.3760+2.3042i	1.4433-0.0940i	-0.3826-2.0684i	0.2815+2.5186i	0.7330-5.3663i
75.1	0.6480+0.9056i	-69.8821-42.1209i	0.7483+0.9170i	0.4209+2.3980i	1.5232-0.1310i	-0.3451-2.1144i	0.3140+2.6200i	0.9200-5.4305i
75.2	0.6802+0.9080i	-69.9808-41.8432i	0.7954+0.8570i	0.4698+2.4255i	1.5885-0.3950i	-0.2631-2.2071i	0.3690+2.6699i	0.9946-5.7952i
75.3	0.6737+0.8854i	-69.0328-40.6295i	0.7101+0.8398i	0.5073+2.3004i	1.2592-0.5052i	-0.3373-2.0916i	0.4204+2.5408i	0.8376-5.4183i
75.4	0.6949+0.8747i	-68.7443-40.1499i	0.7520+0.8054i	0.5186+2.2418i	1.2162-0.7226i	-0.3914-2.0717i	0.4453+2.4994i	0.7452-5.5079i
75.5	0.6935+0.8676i	-67.9601-39.7715i	0.7269+0.7276i	0.4366+2.2464i	1.1102-1.0669i	-0.2935-2.0946i	0.3734+2.5228i	0.7608-5.5770i
75.6	0.7710+0.8700i	-67.2362-38.4898i	0.8017+0.6882i	0.5192+2.3554i	1.1116-1.3322i	-0.3168-2.2158i	0.4542+2.6424i	0.7027-5.7448i
75.7	0.7354+0.8510i	-66.3973-37.8616i	0.7065+0.6689i	0.4249+2.2615i	0.9639-1.3273i	-0.2616-2.1672i	0.3723+2.5452i	0.7618-5.5407i
75.8	0.7704+0.7727i	-65.3180-36.7473i	0.6908+0.6532i	0.5502+2.3592i	0.8110-1.3892i	-0.4101-2.1894i	0.5194+2.6323i	0.4942-5.3005i
75.9	0.7641+0.7538i	-63.7871-35.7602i	0.6666+0.5967i	0.5176+2.2672i	0.6390-1.5160i	-0.3766-2.1170i	0.4952+2.5412i	0.5280-5.2205i
76.0	0.7377+0.7854i	-63.2369-34.4508i	0.5415+0.5491i	0.2726+2.2357i	0.3488-1.8504i	-0.2709-2.2298i	0.2733+2.5331i	0.4515-5.4919i
76.1	0.7897+0.7575i	-63.4084-34.0147i	0.5699+0.4865i	0.4219+2.3272i	0.1939-2.2521i	-0.4037-2.3982i	0.4447+2.6565i	0.2449-5.9595i
76.2	0.8050+0.7480i	-62.6948-33.5653i	0.5758+0.4541i	0.4759+2.2972i	0.0812-2.3674i	-0.4420-2.3940i	0.5130+2.6416i	0.2654-6.1263i
76.3	0.7903+0.7566i	-62.0356-33.2336i	0.4981+0.4584i	0.3985+2.2461i	-0.0005-2.2364i	-0.3449-2.3586i	0.4339+2.5771i	0.4192-5.7860i
76.4	0.8356+0.7053i	-60.8982-32.1454i	0.4199+0.4636i	0.3141+2.3840i	-0.4568-2.2823i	-0.4305-2.4568i	0.3913+2.6991i	-0.0662-5.7260i
76.5	0.7805+0.6313i	-59.3102-31.8376i	0.4230+0.3744i	0.4162+2.1910i	-0.6473-2.2663i	-0.5136-2.3270i	0.5082+2.4971i	-0.2778-5.5684i
76.6	0.7604+0.5774i	-58.4807-29.5160i	0.3615+0.3654i	0.5844+2.1303i	-1.0138-2.3017i	-0.7476-2.3017i	0.7193+2.4282i	-0.6750-5.5610i
76.7	0.7624+0.6414i	-58.6471-30.0164i	0.1904+0.3834i	0.3444+2.2259i	-1.3520-2.5129i	-0.6406-2.4319i	0.4993+2.5369i	-0.6378-5.7130i
76.8	0.7814+0.7215i	-58.3534-29.3294i	0.0814+0.5409i	0.2347+2.5934i	-1.7219-2.4206i	-0.6588-2.6812i	0.4122+2.9043i	-0.7454-5.8022i
76.9	0.7957+0.7007i	-57.2996-28.4905i	0.0375+0.4955i	0.1852+2.6248i	-1.9030-2.5894i	-0.6766-2.7315i	0.3811+2.9425i	-0.9142-5.8873i
77.0	0.7746+0.6555i	-56.0773-27.8016i	0.0050+0.4587i	0.2313+2.4717i	-2.2113-2.5517i	-0.7433-2.5860i	0.4503+2.7797i	-1.1628-5.7206i
77.1	0.7335+0.6406i	-55.4445-27.6014i	-0.1158+0.4749i	0.1019+2.5006i	-2.5423-2.4839i	-0.7403-2.5783i	0.3488+2.7873i	-1.4611-5.4678i
77.2	0.7067+0.6125i	-54.7252-27.5147i	-0.1919+0.4586i	0.0243+2.4749i	-2.6236-2.4418i	-0.6999-2.5378i	0.2792+2.7481i	-1.4044-5.2441i
77.3	0.7885+0.6463i	-55.0303-26.5991i	-0.0999+0.6418i	0.3481+2.8873i	-2.8755-2.4532i	-0.9668-2.8249i	0.6169+3.1632i	-1.4010-5.7002i
77.4	0.7624+0.6791i	-54.2178-25.7365i	-0.2214+0.6876i	0.2057+3.0440i	-3.2033-2.5184i	-0.9654-2.9503i	0.5101+3.3189i	-1.6580-5.7815i
77.5	0.7571+0.6850i	-53.0531-24.1941i	-0.3840+0.8437i	0.2102+3.2213i	-3.8945-2.1574i	-1.2109-2.9910i	0.5788+3.4525i	-2.3872-5.5398i
77.6	0.7903+0.7072i	-51.9272-23.6222i	-0.3352+0.9785i	0.3779+3.2898i	-3.9462-1.6620i	-1.3276-2.9333i	0.7490+3.4725i	-2.4958-5.1320i
77.7	0.7969+0.7298i	-51.1562-23.4345i	-0.3412+1.1265i	0.4592+3.4327i	-4.2235-1.3386i	-1.4363-2.8918i	0.8510+3.5749i	-2.6533-4.7316i
77.8	0.8945+0.7869i	-51.1174-23.5471i	-0.3039+1.2023i	0.6054+3.8166i	-4.4586-1.6583i	-1.6127-3.2091i	1.0230+3.9802i	-2.7211-5.2782i
77.9	0.9450+0.8378i	-50.6328-23.0331i	-0.3612+1.4188i	0.7611+4.2305i	-4.9703-1.2337i	-1.8019-3.3668i	1.2148+4.3437i	-2.9793-4.9903i
78.0	0.8987+0.8453i	-50.1625-22.9788i	-0.4287+1.5628i	0.7711+4.0372i	-5.2083-0.6299i	-1.8936-3.0875i	1.2453+4.0820i	-3.2502-4.2572i
78.1	0.9541+0.8147i	-48.5098-21.8596i	-0.3074+1.6506i	1.0343+4.0155i	-5.2120-0.1584i	-2.0845-2.9460i	1.5002+4.0141i	-3.3897-3.7711i
78.2	0.9516+0.7799i	-47.4225-21.2186i	-0.2345+1.6847i	1.0840+3.9419i	-5.1355+0.2245i	-2.0446-2.7124i	1.5349+3.8978i	-3.3531-3.2863i
78.3	1.0219+0.8094i	-46.7526-21.3005i	-0.1697+1.7687i	1.2424+4.1177i	-5.1945+0.2584i	-2.1569-2.8219i	1.7093+4.0658i	-3.2229-3.3251i
78.4	1.1440+0.7960i	-46.4724-21.0804i	0.0172+1.9443i	1.7007+4.3290i	-5.2269+0.7570i	-2.4994-2.8241i	2.1640+4.2088i	-3.3256-2.9687i
78.5	1.1687+0.7900i	-44.6600-20.6737i	0.1630+2.1807i	1.7738+4.4002i	-5.0027+1.6510i	-2.4611-2.6103i	2.1893+4.1781i	-3.0066-1.9699i
78.6	1.1926+0.7487i	-43.3792-20.2823i	0.2321+2.1940i	1.8797+4.3414i	-4.9090+1.7838i	-2.5032-2.5072i	2.2710+4.1068i	-2.9299-1.7798i
78.7	1.3117+0.7554i	-43.2562-20.2292i	0.4537+2.2698i	2.1576+4.4304i	-4.5854+1.8591i	-2.5903-2.5245i	2.5170+4.1899i	-2.4416-1.7701i
78.8	1.4043+0.6430i	-43.1715-19.9614i	0.8492+2.1862i	2.6018+4.2468i	-3.6351+2.0146i	-2.6355-2.3608i	2.8557+3.9854i	-1.6426-1.6922i
78.9	1.3448+0.5639i	-41.5919-19.3719i	0.8869+2.1559i	2.6008+4.1191i	-3.3456+1.9925i	-2.5380-2.2033i	2.7933+3.8416i	-1.1789-1.4460i
79.0	1.3125+0.5855i	-40.8300-18.7479i	0.8102+2.3529i	2.7485+4.4670i	-4.2884+1.8119i	-2.8215-2.3811i	2.9877+4.1768i	-1.7103-1.7151i
79.1	1.4454+0.5866i	-40.3024-19.0899i	1.0657+2.4603i	3.3047+4.5600i	-4.5768+2.2760i	-3.1910-2.3371i	3.5523+4.2379i	-1.8605-1.6377i
79.2	1.5493+0.5145i	-39.6130-18.7503i	1.2589+2.3602i	3.5073+4.3019i	-4.1890+2.6840i	-3.2295-2.1146i	3.7193+3.9554i	-1.6049-1.3435i
79.3	1.5798+0.4991i	-38.4795-18.7181i	1.5011+2.3707i	3.6295+4.2255i	-3.5054+3.0732i	-3.0972-1.9453i	3.7386+3.8612i	-0.7403-0.8963i
79.4	1.5560+0.3505i	-37.7169-19.1039i	1.5874+2.1069i	3.7144+3.7859i	-3.2291+2.6670i	-3.0580-1.7257i	3.7825+3.4646i	-0.5451-1.3052i
79.5	1.6238+0.2617i	-37.2345-19.7108i	1.8240+2.0032i	4.1334+3.6215i	-2.8550+2.7159i	-3.1935-1.6101i	4.1464+3.3152i	-0.0266-1.5286i
79.6	1.5953+0.1689i	-36.3968-19.8588i	1.9504+1.8570i	4.2939+3.4274i	-2.4801+2.6086i	-3.1721-1.5004i	4.2554+3.1411i	0.3669-1.7355i
79.7	1.5756+0.1254i	-35.5851-20.0533i	2.0606+1.7260i	4.4236+3.1881i	-2.1433+2.5461i	-3.1370-1.3749i	4.3295+2.9376i	0.7162-1.8437i
79.8	1.6085+0.0321i	-35.2133-20.2957i	2.2232+1.5239i	4.6852+2.9462i	-2.0076+2.1788i	-3.2521-1.3328i	4.5757+2.7561i	0.8201-2.4727i
79.9	1.6133-0.0692i	-34.6720-21.1601i	2.3647+1.4231i	4.9289+2.8699i	-2.0158+1.6429i	-3.3735-1.3478i	4.8198+2.7512i	0.9752-3.3151i
80.0	1.5276-0.1498i	-33.6543-20.6615i	2.3003+1.2092i	4.7649+2.5403i	-1.8737+1.5351i	-3.1844-1.1612i	4.6382+2.4503i	0.9004-3.3234i

2.1.99 Run 9 – IP270A10 – Accels 17–24

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-3.2998+0.0000i	0.7863+0.0000i	43.3931+0.0000i	8.4528+0.0000i	10.1220+0.0000i	1.4821+0.0000i	6.8697+0.0000i	10.7210+0.0000i
0.1	-5.7651-2.3029i	1.8115-2.0969i	43.9288-0.8360i	5.8722+7.5293i	10.5746+0.1447i	-5.4346+10.4850i	8.0171-1.0806i	11.0446-1.3066i
0.2	14.9398+8.1506i	14.5830+1.7571i	7.9437+1.6564i	5.8398+31.7627i	13.5532-12.7893i	11.1978+88.2842i	17.9037-15.7345i	17.1685-17.4308i
0.3	-2.9979-0.2711i	1.8799+2.3470i	0.4150-0.1028i	-1.1803-4.4723i	-0.1487-1.4800i	-3.5006-1.8951i	-2.4790-0.3991i	-4.5744-2.8067i
0.4	-0.5042-0.4264i	-0.1084+0.1365i	-0.3025-0.0395i	-0.8433+0.3246i	0.1794-0.2022i	-0.1481-0.0314i	-0.1169+0.2283i	0.2219+0.3356i
0.5	0.0300-0.0828i	0.0693-0.0145i	-0.0562-0.0760i	-0.1598+0.0111i	-0.1310-0.0296i	-0.0219+0.1767i	-0.0912+0.0305i	0.0295+0.1894i
0.6	-0.0007+0.0893i	0.0959+0.0790i	-0.0282-0.0457i	0.1755+0.1028i	-0.1251-0.1207i	0.2931+0.1907i	-0.2238+0.0465i	0.0624+0.2117i
0.7	-0.0719+0.0471i	0.1318+0.0070i	0.0024+0.0622i	0.0065+0.1025i	0.1260-0.0579i	0.0399-0.0220i	-0.0414+0.0463i	0.0162+0.0486i
0.8	-0.0094+0.0096i	0.0866-0.0202i	-0.0172-0.0262i	-0.0593+0.0323i	0.0277+0.0003i	-0.0197+0.0031i	0.0185+0.0129i	0.0569+0.0108i
0.9	-0.0172+0.0023i	0.1033-0.0180i	0.0038-0.0237i	-0.0481+0.0082i	0.0150+0.0219i	-0.0347-0.0193i	0.0243+0.0048i	0.0688+0.0224i
1.0	-0.0355+0.0087i	0.1672-0.0438i	0.0367+0.0155i	-0.0339-0.0032i	0.0499+0.0180i	-0.0391-0.0409i	0.0236-0.0144i	0.0981+0.0027i
1.1	-0.0373+0.0058i	0.2179-0.0170i	-0.0108-0.0047i	-0.0221-0.0091i	0.0550+0.0282i	-0.0173-0.0631i	0.0560-0.0046i	0.1490+0.0132i
1.2	-0.0410+0.0259i	0.2566-0.0090i	-0.0172-0.0028i	-0.0156+0.0084i	0.0512+0.0476i	-0.0027-0.0355i	0.0646-0.0016i	0.1730+0.0174i
1.3	-0.0761+0.0623i	0.3389-0.0250i	-0.0271+0.0034i	-0.0303+0.0364i	0.0588+0.1380i	0.0089-0.0195i	0.0759-0.0275i	0.2193+0.0499i
1.4	-0.1021+0.1162i	0.4055-0.0406i	-0.0259+0.0067i	-0.0404+0.0683i	0.0427+0.2883i	0.0094-0.0252i	0.0978-0.0714i	0.2521+0.1046i
1.5	0.0462+0.2425i	0.6016-0.0344i	-0.0053+0.0112i	0.0793+0.1536i	0.6743+0.6632i	0.0041-0.0236i	-0.0031-0.1628i	0.6416+0.2891i
1.6	0.1939+0.0383i	0.9366-0.1826i	0.0188-0.0143i	0.2087+0.0061i	1.4379-0.1066i	-0.0046-0.0031i	-0.1036-0.0153i	1.1889-0.1202i
1.7	0.0660-0.0787i	1.0829-0.4809i	0.0115-0.0442i	0.1364-0.0930i	1.1935-0.7660i	0.0113+0.0008i	-0.0060+0.0759i	1.1782-0.5869i
1.8	-0.0672-0.0182i	1.3575-0.9686i	-0.0021-0.0759i	0.0668-0.0872i	1.0446-1.1042i	0.0297-0.0203i	0.1031+0.0559i	1.2813-1.0205i
1.9	-0.1463+0.1069i	1.4682-1.6892i	-0.0312-0.1070i	0.0209-0.0554i	0.8392-1.4930i	0.0345-0.0376i	0.1998-0.0098i	1.2662-1.6165i
2.0	-0.0668+0.2952i	0.5600-2.5510i	-0.1271-0.1432i	0.0292+0.0056i	0.0235-1.8118i	0.0081-0.0640i	0.2302-0.1334i	0.3906-2.2769i
2.1	0.3038+0.2353i	-1.2601-1.7178i	-0.2980-0.0255i	0.1567+0.0076i	-1.0186-0.9924i	-0.0679-0.0417i	0.1370-0.1818i	-1.1386-1.4598i
2.2	0.5157+0.0071i	-1.4672-1.0725i	-0.4755+0.1808i	0.3252-0.1421i	-1.0390-0.5357i	-0.1129+0.0092i	0.2343-0.3042i	-1.2740-0.8916i
2.3	0.3935-0.4206i	-1.3662-0.7042i	-0.3198+0.5974i	0.2078-0.5133i	-0.8857-0.3297i	-0.0817+0.1091i	0.0928-0.6140i	-1.1610-0.5998i
2.4	-0.0970-0.2614i	-1.2532-0.4902i	0.2270+0.3831i	-0.2576-0.3248i	-0.7724-0.2151i	0.0354+0.0682i	-0.3676-0.4033i	-1.0707-0.4152i
2.5	-0.1212-0.0145i	-1.1071-0.3583i	0.2372+0.0859i	-0.2633-0.0650i	-0.6716-0.1481i	0.0403+0.0063i	-0.3648-0.1315i	-0.9452-0.2937i
2.6	-0.0172+0.0426i	-0.9956-0.2732i	0.1089+0.0091i	-0.1490-0.0007i	-0.5887-0.1045i	0.0172-0.0076i	-0.2495-0.0553i	-0.8402-0.2192i
2.7	0.0242+0.0544i	-0.9466-0.2308i	0.0649-0.0122i	-0.1053+0.0180i	-0.5419-0.0775i	0.0094-0.0093i	-0.2103-0.0344i	-0.7898-0.1804i
2.8	0.0400+0.0456i	-0.8811-0.1998i	0.0354-0.0085i	-0.0826+0.0140i	-0.4991-0.0668i	0.0050-0.0086i	-0.1841-0.0304i	-0.7313-0.1567i
2.9	0.0443+0.0385i	-0.8231-0.1696i	0.0194-0.0061i	-0.0714+0.0114i	-0.4648-0.0565i	0.0047-0.0085i	-0.1649-0.0267i	-0.6809-0.1336i
3.0	0.0448+0.0352i	-0.7677-0.1441i	0.0062-0.0064i	-0.0636+0.0101i	-0.4352-0.0453i	0.0042-0.0084i	-0.1504-0.0220i	-0.6354-0.1127i
3.1	0.0507+0.0334i	-0.7442-0.1263i	-0.0060-0.0076i	-0.0543+0.0091i	-0.4147-0.0363i	0.0025-0.0065i	-0.1429-0.0195i	-0.6122-0.0981i
3.2	0.0584+0.0305i	-0.7236-0.1180i	-0.0153-0.0066i	-0.0455+0.0077i	-0.3964-0.0355i	0.0007-0.0055i	-0.1351-0.0194i	-0.5907-0.0920i
3.3	0.0580+0.0286i	-0.6927-0.1087i	-0.0243-0.0047i	-0.0413+0.0105i	-0.3782-0.0310i	0.0024-0.0049i	-0.1276-0.0175i	-0.5652-0.0849i
3.4	0.0578+0.0253i	-0.6730-0.0960i	-0.0304-0.0045i	-0.0395+0.0090i	-0.3655-0.0279i	0.0036-0.0045i	-0.1234-0.0154i	-0.5484-0.0760i
3.5	0.0585+0.0229i	-0.6561-0.0901i	-0.0410-0.0038i	-0.0360+0.0065i	-0.3533-0.0277i	0.0035-0.0042i	-0.1195-0.0152i	-0.5327-0.0718i
3.6	0.0589+0.0211i	-0.6425-0.0821i	-0.0494-0.0049i	-0.0345+0.0063i	-0.3456-0.0244i	0.0039-0.0044i	-0.1161-0.0146i	-0.5208-0.0643i
3.7	0.0585+0.0197i	-0.6263-0.0754i	-0.0586-0.0020i	-0.0330+0.0067i	-0.3370-0.0227i	0.0044-0.0042i	-0.1118-0.0118i	-0.5077-0.0597i
3.8	0.0594+0.0202i	-0.6153-0.0724i	-0.0683+0.0058i	-0.0310+0.0057i	-0.3292-0.0223i	0.0038-0.0038i	-0.1092-0.0118i	-0.4969-0.0575i
3.9	0.0605+0.0189i	-0.6060-0.0747i	-0.0588+0.0131i	-0.0295+0.0048i	-0.3211-0.0238i	0.0052-0.0031i	-0.1086-0.0122i	-0.4877-0.0606i
4.0	0.0599+0.0178i	-0.6026-0.0714i	-0.0600+0.0017i	-0.0293+0.0050i	-0.3190-0.0231i	0.0069-0.0026i	-0.1084-0.0115i	-0.4849-0.0580i
4.1	0.0596+0.0180i	-0.5954-0.0659i	-0.0779-0.0035i	-0.0275+0.0062i	-0.3133-0.0200i	0.0066-0.0040i	-0.1073-0.0104i	-0.4778-0.0532i
4.2	0.0599+0.0185i	-0.5877-0.0647i	-0.0877-0.0040i	-0.0268+0.0068i	-0.3065-0.0187i	0.0065-0.0039i	-0.1063-0.0102i	-0.4703-0.0521i
4.3	0.0597+0.0173i	-0.5798-0.0599i	-0.0957-0.0093i	-0.0269+0.0064i	-0.3013-0.0191i	0.0073-0.0042i	-0.1050-0.0081i	-0.4628-0.0494i
4.4	0.0590+0.0181i	-0.5732-0.0567i	-0.1086-0.0102i	-0.0258+0.0082i	-0.2993-0.0205i	0.0078-0.0042i	-0.1031-0.0052i	-0.4575-0.0477i
4.5	0.0595+0.0166i	-0.5659-0.0547i	-0.1241-0.0027i	-0.0237+0.0059i	-0.2977-0.0186i	0.0086-0.0030i	-0.0997-0.0061i	-0.4516-0.0451i
4.6	0.0582+0.0137i	-0.5609-0.0508i	-0.1425+0.0015i	-0.0234+0.0033i	-0.2937-0.0174i	0.0096-0.0016i	-0.0977-0.0068i	-0.4460-0.0419i
4.7	0.0567+0.0140i	-0.5556-0.0493i	-0.1588+0.0096i	-0.0229+0.0038i	-0.2894-0.0176i	0.0093-0.0023i	-0.0974-0.0068i	-0.4403-0.0418i
4.8	0.0549+0.0126i	-0.5506-0.0466i	-0.1761+0.0168i	-0.0234+0.0050i	-0.2855-0.0168i	0.0113-0.0010i	-0.0973-0.0063i	-0.4347-0.0395i
4.9	0.0574+0.0120i	-0.5461-0.0468i	-0.2046+0.0338i	-0.0227+0.0048i	-0.2785-0.0189i	0.0121-0.0034i	-0.0971-0.0050i	-0.4270-0.0405i
5.0	0.0577+0.0130i	-0.5408-0.0496i	-0.2564+0.0773i	-0.0232+0.0030i	-0.2734-0.0221i	0.0126-0.0039i	-0.0966-0.0063i	-0.4221-0.0426i
5.1	0.0582+0.0136i	-0.5385-0.0505i	-0.2710+0.1731i	-0.0224+0.0025i	-0.2703-0.0242i	0.0112-0.0036i	-0.0951-0.0057i	-0.4190-0.0443i
5.2	0.0563+0.0121i	-0.5318-0.0489i	-0.1351+0.2743i	-0.0218+0.0026i	-0.2673-0.0224i	0.0103-0.0033i	-0.0927-0.0058i	-0.4128-0.0442i
5.3	0.0540+0.0115i	-0.5288-0.0541i	0.0061+0.1737i	-0.0230+0.0020i	-0.2649-0.0307i	0.0117-0.0045i	-0.0938-0.0052i	-0.4089-0.0510i
5.4	0.0539+0.0128i	-0.5320-0.0588i	-0.0206+0.0709i	-0.0225+0.0031i	-0.2667-0.0380i	0.0121-0.0056i	-0.0929-0.0021i	-0.4102-0.0576i
5.5	0.0551+0.0120i	-0.5306-0.0609i	-0.0644+0.0256i	-0.0211+0.0032i	-0.2671-0.0397i	0.0113-0.0076i	-0.0889-0.0019i	-0.4089-0.0596i
5.6	0.0535+0.0115i	-0.5276-0.0654i	-0.0893+0.0111i	-0.0210+0.0027i	-0.2667-0.0437i	0.0114-0.0073i	-0.0903-0.0050i	-0.4074-0.0633i

5.7	0.0522+0.0098i	-0.5329-0.0705i	-0.1351+0.0194i	-0.0212-0.0010i	-0.2713-0.0498i	0.0104-0.0061i	-0.0905-0.0085i	-0.4114-0.0701i
5.8	0.0514+0.0080i	-0.5387-0.0737i	-0.1646+0.0163i	-0.0218-0.0036i	-0.2760-0.0531i	0.0100-0.0047i	-0.0903-0.0105i	-0.4170-0.0728i
5.9	0.0523+0.0075i	-0.5436-0.0702i	-0.1713-0.0108i	-0.0208-0.0020i	-0.2835-0.0535i	0.0082-0.0042i	-0.0891-0.0080i	-0.4220-0.0716i
6.0	0.0509+0.0055i	-0.5548-0.0691i	-0.2001-0.0050i	-0.0197-0.0029i	-0.2917-0.0548i	0.0063-0.0031i	-0.0924-0.0093i	-0.4325-0.0722i
6.1	0.0474+0.0058i	-0.5565-0.0675i	-0.2313+0.0117i	-0.0229-0.0031i	-0.2943-0.0523i	0.0051-0.0023i	-0.0934-0.0103i	-0.4331-0.0705i
6.2	0.0426+0.0061i	-0.5586-0.0624i	-0.2589+0.0048i	-0.0253-0.0040i	-0.2970-0.0482i	0.0040-0.0020i	-0.0930-0.0118i	-0.4359-0.0659i
6.3	0.0374+0.0033i	-0.5641-0.0597i	-0.3163+0.0119i	-0.0273-0.0073i	-0.3006-0.0450i	0.0004+0.0010i	-0.0962-0.0135i	-0.4418-0.0621i
6.4	0.0314+0.0053i	-0.5651-0.0606i	-0.3500+0.0459i	-0.0293-0.0066i	-0.2996-0.0451i	-0.0029+0.0034i	-0.0982-0.0126i	-0.4426-0.0614i
6.5	0.0249+0.0088i	-0.5659-0.0547i	-0.3604+0.0493i	-0.0287-0.0064i	-0.2977-0.0416i	-0.0039+0.0072i	-0.0965-0.0128i	-0.4398-0.0578i
6.6	0.0126+0.0112i	-0.5602-0.0525i	-0.4491+0.0489i	-0.0333-0.0077i	-0.2950-0.0375i	-0.0067+0.0095i	-0.0966-0.0120i	-0.4335-0.0545i
6.7	-0.0070+0.0257i	-0.5572-0.0532i	-0.5655+0.1600i	-0.0363-0.0078i	-0.2956-0.0361i	-0.0198+0.0217i	-0.0986-0.0157i	-0.4317-0.0551i
6.8	-0.0287+0.0618i	-0.5596-0.0536i	-0.6707+0.3970i	-0.0421-0.0025i	-0.2964-0.0389i	-0.0333+0.0479i	-0.1032-0.0162i	-0.4346-0.0539i
6.9	-0.0083+0.1149i	-0.5663-0.0568i	-0.5276+0.6696i	-0.0447+0.0061i	-0.2978-0.0423i	-0.0245+0.0758i	-0.1110-0.0114i	-0.4360-0.0558i
7.0	0.0801+0.1306i	-0.5760-0.0619i	-0.0692+0.7011i	-0.0344+0.0143i	-0.2957-0.0488i	0.0344+0.0791i	-0.1120-0.0046i	-0.4333-0.0602i
7.1	0.1256+0.0985i	-0.5835-0.0587i	0.1566+0.5170i	-0.0261+0.0116i	-0.3003-0.0547i	0.0626+0.0594i	-0.1078+0.0003i	-0.4367-0.0629i
7.2	0.1239+0.0473i	-0.5859-0.0520i	0.1188+0.2388i	-0.0247+0.0040i	-0.3105-0.0565i	0.0586+0.0298i	-0.1031-0.0007i	-0.4428-0.0627i
7.3	0.1173+0.0328i	-0.5844-0.0498i	0.0875+0.2021i	-0.0219+0.0019i	-0.3110-0.0539i	0.0555+0.0308i	-0.1010-0.0004i	-0.4422-0.0604i
7.4	0.1018+0.0230i	-0.5829-0.0485i	0.0048+0.1977i	-0.0244+0.0013i	-0.3125-0.0478i	0.0410+0.0284i	-0.1012-0.0002i	-0.4448-0.0585i
7.5	0.0879+0.0096i	-0.5858-0.0481i	-0.0769+0.0987i	-0.0296-0.0009i	-0.3206-0.0482i	0.0320+0.0142i	-0.1016-0.0037i	-0.4479-0.0605i
7.6	0.0750+0.0155i	-0.5897-0.0484i	-0.1129+0.0695i	-0.0337+0.0008i	-0.3220-0.0407i	0.0129+0.0177i	-0.1029-0.0060i	-0.4476-0.0554i
7.7	0.0635+0.0223i	-0.5917-0.0495i	-0.1696+0.1508i	-0.0359+0.0039i	-0.3239-0.0420i	-0.0044+0.0402i	-0.1058-0.0046i	-0.4483-0.0552i
7.8	0.0686+0.0283i	-0.5959-0.0453i	-0.1770+0.2115i	-0.0372+0.0076i	-0.3194-0.0333i	0.0049+0.0557i	-0.1088-0.0030i	-0.4491-0.0479i
7.9	0.0702+0.0257i	-0.5978-0.0427i	-0.1706+0.1433i	-0.0375+0.0060i	-0.3185-0.0267i	0.0094+0.0537i	-0.1101-0.0034i	-0.4490-0.0433i
8.0	0.0628+0.0259i	-0.5999-0.0449i	-0.2275+0.1007i	-0.0397+0.0032i	-0.3206-0.0318i	-0.0044+0.0600i	-0.1135-0.0036i	-0.4471-0.0478i
8.1	0.0629+0.0349i	-0.6019-0.0407i	-0.2388+0.1660i	-0.0398+0.0062i	-0.3190-0.0293i	-0.0005+0.0853i	-0.1134-0.0002i	-0.4454-0.0437i
8.2	0.0692+0.0399i	-0.6043-0.0374i	-0.2278+0.2334i	-0.0380+0.0095i	-0.3181-0.0284i	0.0169+0.1052i	-0.1128+0.0016i	-0.4454-0.0418i
8.3	0.0723+0.0335i	-0.6071-0.0385i	-0.2270+0.2035i	-0.0374+0.0080i	-0.3146-0.0315i	0.0252+0.0940i	-0.1138+0.0006i	-0.4416-0.0450i
8.4	0.0644+0.0258i	-0.6097-0.0380i	-0.3166+0.1684i	-0.0398+0.0059i	-0.3130-0.0313i	-0.0019+0.0854i	-0.1187-0.0009i	-0.4381-0.0439i
8.5	0.0551+0.0344i	-0.6119-0.0369i	-0.3994+0.1754i	-0.0436+0.0093i	-0.3154-0.0328i	-0.0340+0.1128i	-0.1233+0.0031i	-0.4374-0.0464i
8.6	0.0500+0.0351i	-0.6094-0.0380i	-0.3765+0.1716i	-0.0466+0.0082i	-0.3107-0.0366i	-0.0441+0.1219i	-0.1233+0.0067i	-0.4318-0.0486i
8.7	0.0450+0.0437i	-0.6044-0.0391i	-0.3653+0.2231i	-0.0462+0.0124i	-0.3012-0.0390i	-0.0571+0.1614i	-0.1241+0.0113i	-0.4235-0.0488i
8.8	0.0318+0.0597i	-0.6027-0.0404i	-0.4115+0.3042i	-0.0506+0.0188i	-0.2977-0.0418i	-0.1037+0.2266i	-0.1289+0.0157i	-0.4186-0.0492i
8.9	0.0354+0.0793i	-0.6058-0.0450i	-0.4620+0.3835i	-0.0506+0.0265i	-0.2993-0.0468i	-0.0805+0.2979i	-0.1309+0.0225i	-0.4172-0.0575i
9.0	0.0642+0.1131i	-0.6056-0.0462i	-0.3391+0.5652i	-0.0429+0.0388i	-0.2950-0.0499i	0.0264+0.4116i	-0.1254+0.0357i	-0.4100-0.0585i
9.1	0.0819+0.1237i	-0.6077-0.0500i	-0.2933+0.5547i	-0.0359+0.0427i	-0.2896-0.0549i	0.0951+0.4618i	-0.1200+0.0357i	-0.4048-0.0625i
9.2	0.0924+0.1211i	-0.6062-0.0540i	-0.2156+0.5698i	-0.0327+0.0408i	-0.2840-0.0607i	0.1267+0.4621i	-0.1163+0.0346i	-0.3966-0.0672i
9.3	0.1228+0.1541i	-0.6038-0.0568i	-0.0544+0.7911i	-0.0238+0.0577i	-0.2802-0.0664i	0.2497+0.5735i	-0.1070+0.0521i	-0.3918-0.0730i
9.4	0.1851+0.1333i	-0.6048-0.0638i	0.2368+0.7299i	0.0009+0.0520i	-0.2763-0.0753i	0.4765+0.4752i	-0.0839+0.0497i	-0.3828-0.0825i
9.5	0.2244+0.1066i	-0.6080-0.0745i	0.3025+0.5556i	0.0173+0.0434i	-0.2740-0.0892i	0.6231+0.3552i	-0.0732+0.0420i	-0.3765-0.0971i
9.6	0.2157+0.0799i	-0.6036-0.0891i	0.2526+0.3708i	0.0187+0.0310i	-0.2655-0.1082i	0.5847+0.2719i	-0.0731+0.0344i	-0.3647-0.1189i
9.7	0.2111+0.0619i	-0.6026-0.1070i	0.1980+0.2440i	0.0169+0.0228i	-0.2591-0.1276i	0.5543+0.2239i	-0.0742+0.0276i	-0.3556-0.1426i
9.8	0.2177+0.0415i	-0.6027-0.1303i	0.1860+0.2593i	0.0215+0.0177i	-0.2543-0.1521i	0.5454+0.1546i	-0.0705+0.0224i	-0.3467-0.1710i
9.9	0.2220+0.0245i	-0.6156-0.1550i	0.1141+0.3128i	0.0256+0.0087i	-0.2574-0.1785i	0.5402+0.1123i	-0.0704+0.0158i	-0.3488-0.2027i
10.0	0.2204+0.0017i	-0.6431-0.1938i	-0.0286+0.2012i	0.0272-0.0054i	-0.2627-0.2193i	0.5317+0.0849i	-0.0706+0.0067i	-0.3625-0.2523i
10.1	0.2235-0.0223i	-0.6813-0.2277i	-0.0538+0.0819i	0.0270-0.0259i	-0.2768-0.2615i	0.5334+0.0762i	-0.0726-0.0110i	-0.3855-0.3012i
10.2	0.2123-0.0528i	-0.7251-0.2362i	-0.0765+0.0142i	0.0209-0.0494i	-0.3080-0.2870i	0.5162+0.0471i	-0.0786-0.0325i	-0.4223-0.3278i
10.3	0.1768-0.0748i	-0.7727-0.2305i	0.0153+0.1944i	0.0008-0.0624i	-0.3479-0.3122i	0.4652-0.0005i	-0.0987-0.0390i	-0.4715-0.3487i
10.4	0.1450-0.0811i	-0.8046-0.2257i	0.0407+0.2470i	-0.0220-0.0665i	-0.3796-0.3306i	0.4316-0.0045i	-0.1215-0.0381i	-0.5074-0.3616i
10.5	0.1143-0.0666i	-0.8316-0.2192i	0.2429+0.1552i	-0.0434-0.0576i	-0.4140-0.3464i	0.3830+0.0265i	-0.1391-0.0274i	-0.5382-0.3719i
10.6	0.1059-0.0344i	-0.8594-0.2157i	0.2539+0.0300i	-0.0520-0.0377i	-0.4563-0.3625i	0.4058+0.0613i	-0.1435-0.0036i	-0.5784-0.3792i
10.7	0.1060-0.0174i	-0.8888-0.2097i	0.2306-0.1106i	-0.0546-0.0258i	-0.4937-0.3734i	0.4270+0.0766i	-0.1452+0.0107i	-0.6163-0.3833i
10.8	0.1028-0.0043i	-0.9117-0.2002i	0.4231-0.1167i	-0.0514-0.0159i	-0.5306-0.3765i	0.4163+0.0768i	-0.1399+0.0206i	-0.6500-0.3831i
10.9	0.1159+0.0043i	-0.9406-0.1889i	0.3768-0.3380i	-0.0450-0.0112i	-0.5734-0.3766i	0.4269+0.0987i	-0.1294+0.0273i	-0.6868-0.3788i
11.0	0.1280+0.0140i	-0.9616-0.1822i	0.4620-0.5543i	-0.0336-0.0095i	-0.6102-0.3780i	0.4305+0.1261i	-0.1165+0.0344i	-0.7190-0.3747i
11.1	0.1433+0.0133i	-0.9915-0.1652i	0.4137-0.8219i	-0.0217-0.0198i	-0.6606-0.3575i	0.4448+0.1489i	-0.1022+0.0267i	-0.7623-0.3508i
11.2	0.1561+0.0116i	-1.0075-0.1538i	0.4284-1.1771i	-0.0117-0.0338i	-0.6930-0.3477i	0.4633+0.1859i	-0.0939+0.0142i	-0.7873-0.3365i
11.3	0.1664+0.0057i	-1.0171-0.1372i	0.1976-1.5923i	-0.0173-0.0509i	-0.7197-0.3185i	0.5141+0.2353i	-0.0933-0.0087i	-0.8002-0.3136i
11.4	0.1754-0.0062i	-1.0267-0.1177i	-0.1755-1.8114i	-0.0300-0.0659i	-0.7327-0.2743i	0.5863+0.2529i	-0.1001-0.0251i	-0.8051-0.2789i
11.5	0.1787-0.0108i	-1.0464-0.1135i	-0.8147-1.9809i	-0.0466-0.0747i	-0.7529-0.2448i	0.6796+0.2734i	-0.1171-0.0380i	-0.8167-0.2613i
11.6	0.1774-0.0166i	-1.0756-0.1161i	-1.6386-1.9381i	-0.0686-0.0732i	-0.7671-0.2213i	0.7840+0.2471i	-0.1518-0.0391i	-0.8302-0.2487i
11.7	0.1860-0.0206i	-1.1007-0.1079i	-2.0719-1.5691i	-0.0816-0.0620i	-0.7691-0.2063i	0.8396+0.1888i	-0.1716-0.0297i	-0.8382-0.2334i
11.8	0.1954-0.0214i	-1.1273-0.0952i	-2.2639-0.9570i	-0.0859-0.0456i	-0.7619-0.1988i	0.8792+0.1148i	-0.1875-0.0099i	-0.8410-0.2247i
11.9	0.2056-0.0256i	-1.1454-0.0939i	-2.1965-0.6618i	-0.0808-0.0406i	-0.7541-0.2056i	0.8923+0.0703i	-0.1926+0.0044i	-0.8366-0.2278i

12.0	0.2214-0.0425i	-1.1796-0.0772i	-2.1122-0.4964i	-0.0723-0.0465i	-0.7613-0.2160i	0.8946+0.0258i	-0.1949+0.0171i	-0.8383-0.2263i
12.1	0.2375-0.0599i	-1.2000-0.0686i	-2.0420-0.4661i	-0.0635-0.0532i	-0.7567-0.2324i	0.9021+0.0111i	-0.1974+0.0257i	-0.8322-0.2334i
12.2	0.2456-0.0843i	-1.2047-0.0537i	-1.8678-0.4607i	-0.0559-0.0664i	-0.7505-0.2520i	0.8977+0.0011i	-0.1951+0.0322i	-0.8211-0.2433i
12.3	0.2432-0.1145i	-1.1854-0.0618i	-1.8245-0.8882i	-0.0609-0.0901i	-0.7371-0.2931i	0.8960+0.0237i	-0.1946+0.0350i	-0.7939-0.2806i
12.4	0.2407-0.1379i	-1.1889-0.0898i	-2.2866-0.9744i	-0.0752-0.1074i	-0.7329-0.3478i	0.9393+0.0313i	-0.2090+0.0427i	-0.7825-0.3344i
12.5	0.2280-0.1680i	-1.2252-0.1325i	-2.7592-0.5469i	-0.0959-0.1211i	-0.7673-0.4294i	1.0015+0.0178i	-0.2190+0.0674i	-0.8023-0.4117i
12.6	0.2166-0.2010i	-1.2900-0.2037i	-3.0076-0.3354i	-0.1125-0.1417i	-0.8298-0.5568i	1.0586+0.0146i	-0.2176+0.0984i	-0.8512-0.5310i
12.7	0.1935-0.2313i	-1.3549-0.2525i	-2.9142-0.1696i	-0.1269-0.1551i	-0.9194-0.6567i	1.0875+0.0057i	-0.2057+0.1212i	-0.9220-0.6257i
12.8	0.1514-0.2575i	-1.4731-0.2662i	-2.9679+0.2453i	-0.1641-0.1630i	-1.0952-0.7220i	1.1477-0.0175i	-0.1822+0.1429i	-1.0752-0.6873i
12.9	0.1020-0.2747i	-1.5968-0.2838i	-2.8628+0.2696i	-0.2038-0.1734i	-1.2923-0.7663i	1.2018-0.0261i	-0.1503+0.1524i	-1.2488-0.7316i
13.0	0.0483-0.2629i	-1.7271-0.2638i	-2.7567+0.2097i	-0.2450-0.1693i	-1.4996-0.7183i	1.2717-0.0498i	-0.1164+0.1407i	-1.4296-0.6968i
13.1	0.0025-0.2465i	-1.8710-0.1958i	-3.0767+0.2782i	-0.2912-0.1521i	-1.6935-0.6116i	1.3567-0.1125i	-0.1011+0.1190i	-1.5964-0.6120i
13.2	-0.0338-0.2249i	-2.0075-0.1328i	-3.3695+0.3034i	-0.3311-0.1335i	-1.8604-0.5069i	1.4245-0.1653i	-0.0876+0.0979i	-1.7399-0.5241i
13.3	-0.0529-0.1865i	-2.0945-0.0455i	-3.2957+0.4566i	-0.3521-0.1013i	-1.9394-0.3628i	1.4599-0.2238i	-0.0905+0.0747i	-1.8028-0.4028i
13.4	-0.0700-0.1645i	-2.1973+0.0232i	-3.5548+0.3958i	-0.3785-0.0850i	-2.0293-0.2481i	1.4990-0.2657i	-0.0981+0.0497i	-1.8760-0.3125i
13.5	-0.0817-0.1396i	-2.2820+0.0388i	-3.5078-0.1657i	-0.3957-0.0741i	-2.0982-0.1854i	1.5231-0.2390i	-0.1035+0.0217i	-1.9247-0.2717i
13.6	-0.1008-0.1054i	-2.4404+0.1594i	-3.9038+0.4302i	-0.4323-0.0339i	-2.1859-0.0319i	1.5967-0.3129i	-0.1312+0.0114i	-2.0061-0.1562i
13.7	-0.1067-0.0788i	-2.5736+0.2692i	-4.4528+0.5677i	-0.4575-0.0124i	-2.2248+0.0802i	1.6446-0.3409i	-0.1667+0.0037i	-2.0659-0.0740i
13.8	-0.1055-0.0340i	-2.6938+0.4614i	-4.5015+1.4837i	-0.4712+0.0409i	-2.2269+0.2239i	1.6734-0.4039i	-0.2080+0.0261i	-2.0973+0.0601i
13.9	-0.1040-0.0235i	-2.7894+0.5432i	-4.7502+0.9904i	-0.4901+0.0425i	-2.2650+0.2218i	1.7349-0.3642i	-0.2295+0.0350i	-2.1363+0.0849i
14.0	-0.1254+0.0145i	-2.9457+0.7852i	-5.7794+1.6849i	-0.5494+0.0913i	-2.3797+0.3292i	1.8570-0.3860i	-0.2710+0.0683i	-2.2273+0.1999i
14.1	-0.1323+0.0784i	-3.0620+1.0252i	-6.1240+2.6149i	-0.5956+0.1643i	-2.5004+0.4210i	1.9933-0.3462i	-0.2932+0.1219i	-2.3117+0.2996i
14.2	-0.1046+0.1344i	-3.1142+1.2043i	-5.5060+3.1717i	-0.5886+0.2267i	-2.5824+0.4986i	2.1354-0.3242i	-0.2835+0.1705i	-2.3551+0.3675i
14.3	-0.0880+0.1775i	-3.1692+1.4102i	-5.2037+3.7544i	-0.5831+0.2867i	-2.6695+0.6172i	2.3046-0.3745i	-0.2692+0.2115i	-2.4096+0.4631i
14.4	-0.0609+0.2467i	-3.3695+1.7414i	-6.0019+4.0359i	-0.6130+0.3664i	-2.9094+0.7751i	2.6671-0.3953i	-0.2703+0.2631i	-2.5787+0.5855i
14.5	-0.0200+0.3191i	-3.3851+2.1383i	-5.9259+5.3504i	-0.6101+0.4622i	-3.0210+1.0010i	2.8766-0.5060i	-0.2443+0.3255i	-2.6430+0.7757i
14.6	0.0753+0.4482i	-3.3803+2.7016i	-5.2849+5.1215i	-0.5725+0.5918i	-3.1922+1.2909i	3.2605-0.4457i	-0.1828+0.3987i	-2.7561+1.0070i
14.7	0.1889+0.5516i	-3.1043+3.1229i	-4.0950+6.4647i	-0.4878+0.7129i	-3.1427+1.5696i	3.5051-0.4795i	-0.1071+0.4700i	-2.6976+1.2347i
14.8	0.5501+0.4872i	-2.3341+3.3120i	-2.2987+6.4734i	-0.2350+0.7358i	-2.9867+1.8481i	4.3709-0.9362i	0.1098+0.4516i	-2.5283+1.4342i
14.9	0.7863+0.3021i	-1.9199+3.2136i	-1.3615+6.4462i	-0.0752+0.6594i	-2.9258+2.0401i	5.0326-1.6292i	0.2434+0.3550i	-2.4614+1.5518i
15.0	0.8524+0.1010i	-2.0652+2.9497i	-2.4494+4.5793i	-0.0850+0.5198i	-3.1121+2.0175i	5.6028-2.2236i	0.2488+0.2251i	-2.6046+1.5158i
15.1	0.8818-0.1337i	-2.4122+2.8495i	-2.5564+4.4023i	-0.1506+0.4072i	-3.4928+2.1493i	6.0715-3.2486i	0.2493+0.1117i	-2.8591+1.6022i
15.2	0.8242-0.3552i	-2.7824+3.0719i	-1.4527+3.3373i	-0.2333+0.3488i	-3.8277+2.5721i	6.1459-4.3744i	0.2375-0.0024i	-3.0746+1.8946i
15.3	0.7070-0.5426i	-3.0594+3.8098i	0.2686+5.5668i	-0.3129+0.4444i	-4.0705+3.5152i	5.8970-6.2431i	0.2149-0.0592i	-3.2332+2.5755i
15.4	0.5895-0.6829i	-3.2095+4.8801i	-0.3101+7.2440i	-0.4149+0.5970i	-4.2207+4.7063i	5.6797-8.2333i	0.1587-0.1020i	-3.3371+3.4306i
15.5	0.3792-0.8192i	-2.5949+6.5848i	-1.5328+9.3144i	-0.4377+0.8761i	-3.6349+6.5347i	4.1741-10.9753i	0.0461-0.1400i	-2.9114+4.7391i
15.6	0.1513-0.8415i	-0.7744+7.7091i	2.1188+13.3657i	-0.1789+1.1541i	-1.7553+7.8068i	0.8362-12.6080i	-0.0061-0.0970i	-1.5430+5.6404i
15.7	-0.0795-0.6781i	1.8054+7.1489i	7.4755+12.2148i	0.2505+1.1532i	1.0183+7.3568i	-3.4946-11.2463i	-0.0518-0.0344i	0.4575+5.2763i
15.8	-0.1764-0.5503i	3.0283+6.4272i	6.8057+8.8093i	0.4283+1.0546i	2.2748+6.6371i	-5.3888-9.6717i	-0.1120-0.0202i	1.3356+4.7174i
15.9	-0.2433-0.3780i	4.2627+5.0099i	6.9142+11.2617i	0.6432+0.9275i	3.6010+5.2637i	-7.1124-7.3093i	-0.1477+0.0961i	2.2532+3.7506i
16.0	-0.2088-0.3018i	4.2795+3.7580i	4.3029+7.0062i	0.6293+0.6799i	3.6449+3.9361i	-6.8622-5.1776i	-0.1795+0.1061i	2.2516+2.7802i
16.1	-0.1851-0.2710i	4.1748+3.0527i	2.4141+6.1316i	0.5939+0.5606i	3.4828+3.2194i	-6.4840-4.0842i	-0.1892+0.1346i	2.1086+2.2584i
16.2	-0.1425-0.2572i	3.9819+2.3231i	4.1912+5.4623i	0.5968+0.4475i	3.2635+2.4919i	-6.0779-3.0413i	-0.1329+0.1548i	1.9437+1.7469i
16.3	-0.1450-0.2253i	3.8317+1.7723i	1.9963+7.8037i	0.5326+0.4149i	2.9963+1.9532i	-5.6202-2.3146i	-0.1310+0.2274i	1.7366+1.3735i
16.4	-0.1475-0.1834i	3.6405+1.4007i	1.4056+11.0886i	0.4869+0.4314i	2.6683+1.6647i	-5.1899-1.9055i	-0.0969+0.2911i	1.5002+1.1796i
16.5	-0.1230-0.1258i	3.3798+1.0127i	4.2580+14.5776i	0.4968+0.4668i	2.3319+1.4751i	-4.7694-1.5389i	-0.0126+0.3377i	1.2653+1.0529i
16.6	-0.0484-0.1411i	3.1537+0.7250i	9.3660+14.3781i	0.5916+0.4553i	2.1510+1.4884i	-4.3870-1.4276i	0.0980+0.3094i	1.1327+1.0487i
16.7	-0.0081-0.2179i	2.8490+0.4905i	12.8313+9.4030i	0.6312+0.3481i	1.9662+1.5117i	-4.0704-1.3864i	0.1634+0.1949i	1.0030+1.0402i
16.8	-0.0642-0.2843i	2.5395+0.3378i	14.1967+3.0446i	0.6249+0.2054i	1.9478+1.4664i	-4.0752-1.2452i	0.1726+0.0658i	0.9879+0.9870i
16.9	-0.1362-0.2287i	2.4373+0.1900i	12.6355+3.8590i	0.5875+0.1854i	1.9919+1.2956i	-4.2334-0.9214i	0.1395+0.0680i	0.9964+0.8719i
17.0	-0.1105-0.1858i	2.2621+0.0720i	14.0990+3.0877i	0.5988+0.1741i	1.9255+1.2378i	-4.0753-0.5692i	0.1558+0.0526i	0.9411+0.8265i
17.1	-0.0779-0.2209i	2.0165+0.0038i	13.8652-5.0990i	0.5998+0.0437i	1.9191+1.2017i	-3.5425-0.0498i	0.1592-0.0684i	0.9152+0.7815i
17.2	-0.1512-0.2338i	1.9211+0.0502i	3.5487-5.7002i	0.4400-0.0033i	1.9186+1.0653i	-3.0131-0.2864i	0.0034-0.0941i	0.8773+0.6844i
17.3	-0.1834-0.1877i	1.8986+0.0051i	0.5153-0.6633i	0.3655+0.0442i	1.8455+0.9490i	-2.9689-0.5202i	-0.0578-0.0320i	0.8066+0.6182i
17.4	-0.1561-0.1576i	1.8516-0.1141i	3.6954+1.5740i	0.3910+0.0765i	1.7652+0.8761i	-3.0978-0.5301i	-0.0211-0.0028i	0.7463+0.5737i
17.5	-0.1568-0.1610i	1.7610-0.2182i	3.3839+0.4940i	0.3801+0.0616i	1.7074+0.8476i	-3.1164-0.4104i	-0.0349-0.0224i	0.6938+0.5488i
17.6	-0.1480-0.1437i	1.6969-0.2789i	3.7066+2.5438i	0.3876+0.0781i	1.6771+0.8258i	-3.1153-0.3604i	-0.0364+0.0026i	0.6550+0.5377i
17.7	-0.1338-0.1416i	1.6043-0.4092i	6.6849+3.4960i	0.4052+0.0664i	1.6314+0.7714i	-3.1788-0.2230i	-0.0115+0.0144i	0.6090+0.5138i
17.8	-0.1526-0.1505i	1.4812-0.5249i	6.8954+1.3504i	0.3818+0.0359i	1.6012+0.7573i	-3.1580-0.0211i	-0.0233-0.0131i	0.5766+0.5039i
17.9	-0.1647-0.1388i	1.3125-0.6295i	7.8843+1.1168i	0.3877+0.0336i	1.6209+0.7494i	-3.1717+0.1879i	-0.0233-0.0100i	0.5681+0.5003i
18.0	-0.1808-0.1066i	1.1333-0.6653i	7.0140+2.0389i	0.3644+0.0491i	1.6264+0.7201i	-3.0472+0.3563i	-0.0465+0.0097i	0.5564+0.4820i
18.1	-0.1801-0.0857i	0.9978-0.6699i	7.2769+1.2528i	0.3535+0.0363i	1.6386+0.6503i	-2.8659+0.5952i	-0.0497+0.0109i	0.5495+0.4518i
18.2	-0.1651-0.0647i	0.8805-0.6585i	7.9980+0.2255i	0.3534+0.0300i	1.6289+0.5885i	-2.6406+0.7822i	-0.0428+0.0098i	0.5312+0.4222i

18.3	-0.1570-0.0559i	0.7824-0.6273i	7.0694-0.9091i	0.3310+0.0265i	1.6158+0.5338i	-2.3657+0.8400i	-0.0575+0.0029i	0.5132+0.3858i
18.4	-0.1422-0.0390i	0.7364-0.6014i	7.3280-1.2083i	0.3229+0.0392i	1.6032+0.4942i	-2.1672+0.8731i	-0.0615+0.0110i	0.4886+0.3555i
18.5	-0.0975-0.0312i	0.7221-0.6472i	7.2103-2.4736i	0.3382+0.0736i	1.5707+0.4778i	-1.8801+0.7888i	-0.0493+0.0183i	0.4497+0.3443i
18.6	-0.0603-0.0721i	0.6223-0.7849i	5.0940-3.8212i	0.3874+0.0715i	1.5743+0.4739i	-1.7151+0.5646i	-0.0435-0.0031i	0.4241+0.3479i
18.7	-0.0944-0.1152i	0.3708-0.8127i	2.7098-2.3336i	0.3875+0.0104i	1.6019+0.4139i	-1.7343+0.5087i	-0.0796-0.0174i	0.4248+0.3312i
18.8	-0.1142-0.1193i	0.2177-0.7606i	3.4985-1.3571i	0.3816-0.0282i	1.6468+0.3377i	-1.6999+0.5979i	-0.0899-0.0104i	0.4399+0.3023i
18.9	-0.1359-0.1139i	0.0779-0.6368i	2.8045-0.9008i	0.3443-0.0353i	1.6313+0.2480i	-1.5281+0.4918i	-0.1154+0.0032i	0.4173+0.2546i
19.0	-0.1546-0.1127i	-0.0067-0.5480i	2.1412-0.5007i	0.3194-0.0339i	1.6145+0.1786i	-1.4635+0.3777i	-0.1335+0.0132i	0.3922+0.2169i
19.1	-0.1704-0.1042i	-0.0700-0.4338i	2.2109-0.0200i	0.3058-0.0276i	1.5992+0.1151i	-1.4744+0.2847i	-0.1421+0.0301i	0.3628+0.1875i
19.2	-0.1808-0.0944i	-0.0940-0.3543i	2.7109+0.0397i	0.3020-0.0318i	1.5811+0.0390i	-1.5144+0.2500i	-0.1417+0.0401i	0.3317+0.1618i
19.3	-0.1908-0.0887i	-0.1109-0.2987i	3.4600+0.2996i	0.3062-0.0324i	1.5580-0.0391i	-1.5652+0.2389i	-0.1390+0.0564i	0.2938+0.1340i
19.4	-0.2023-0.0805i	-0.1199-0.2390i	3.3895+0.2420i	0.2954-0.0269i	1.4830-0.0868i	-1.5697+0.2218i	-0.1375+0.0692i	0.2401+0.1199i
19.5	-0.2141-0.0645i	-0.1193-0.2053i	3.5716-0.1319i	0.2870-0.0271i	1.3999-0.1484i	-1.5735+0.2915i	-0.1289+0.0826i	0.1876+0.1091i
19.6	-0.2265-0.0490i	-0.1306-0.1868i	3.6485-0.1009i	0.2809-0.0201i	1.3413-0.1890i	-1.5706+0.3563i	-0.1197+0.0980i	0.1505+0.1003i
19.7	-0.2365-0.0271i	-0.1568-0.1538i	3.3007-0.2723i	0.2747-0.0058i	1.2537-0.1954i	-1.5026+0.3975i	-0.1107+0.1059i	0.0976+0.1046i
19.8	-0.2283-0.0058i	-0.1703-0.1287i	2.9671-0.3541i	0.2794+0.0135i	1.1935-0.1530i	-1.4060+0.3776i	-0.1013+0.1063i	0.0638+0.1214i
19.9	-0.2194+0.0059i	-0.1963-0.1114i	2.8464-0.3752i	0.2953+0.0189i	1.1687-0.1281i	-1.3293+0.3425i	-0.0898+0.1026i	0.0328+0.1248i
20.0	-0.2157+0.0105i	-0.2270-0.0754i	3.0497-0.6184i	0.3201+0.0016i	1.1490-0.1348i	-1.2866+0.2973i	-0.0757+0.0903i	-0.0129+0.1329i
20.1	-0.2192+0.0105i	-0.2536-0.0521i	3.2647-0.2425i	0.3350+0.0004i	1.1498-0.1047i	-1.2902+0.2026i	-0.0734+0.0825i	-0.0591+0.1432i
20.2	-0.2294+0.0124i	-0.2724-0.0396i	2.7373-0.1976i	0.3348+0.0010i	1.1463-0.0728i	-1.3045+0.1231i	-0.0832+0.0741i	-0.0981+0.1588i
20.3	-0.2372+0.0237i	-0.3100-0.0143i	2.8577-0.1538i	0.3498-0.0034i	1.1782-0.0669i	-1.3672+0.0953i	-0.0902+0.0744i	-0.1293+0.1953i
20.4	-0.2445+0.0362i	-0.3517+0.0182i	2.9329-0.3431i	0.3599-0.0159i	1.2053-0.0835i	-1.4089+0.1093i	-0.0951+0.0707i	-0.1481+0.2232i
20.5	-0.2555+0.0577i	-0.4028+0.0693i	2.9264-0.3748i	0.3855-0.0287i	1.2627-0.1114i	-1.4715+0.1280i	-0.1039+0.0751i	-0.1833+0.2632i
20.6	-0.2611+0.0740i	-0.4383+0.1211i	2.9461-0.4708i	0.4061-0.0457i	1.3009-0.1395i	-1.5080+0.1410i	-0.1075+0.0792i	-0.2120+0.3016i
20.7	-0.2690+0.0971i	-0.4855+0.1837i	2.8462-0.1779i	0.4293-0.0590i	1.3569-0.1621i	-1.5461+0.1484i	-0.1145+0.0875i	-0.2441+0.3501i
20.8	-0.2799+0.1204i	-0.5156+0.2591i	3.0744-0.2841i	0.4448-0.0998i	1.4071-0.2270i	-1.6415+0.1867i	-0.1178+0.0937i	-0.2546+0.4256i
20.9	-0.2789+0.1562i	-0.5271+0.3503i	2.9636-0.6710i	0.4367-0.1405i	1.4151-0.3271i	-1.6785+0.3158i	-0.1202+0.0990i	-0.2391+0.4815i
21.0	-0.2745+0.1920i	-0.5305+0.4428i	3.1456-0.7362i	0.4384-0.1726i	1.4179-0.4250i	-1.6661+0.4069i	-0.1186+0.1111i	-0.2427+0.5376i
21.1	-0.2759+0.2474i	-0.5643+0.5845i	3.3516-0.6074i	0.4579-0.2161i	1.4578-0.5493i	-1.6570+0.4970i	-0.1193+0.1330i	-0.2756+0.6510i
21.2	-0.2677+0.2823i	-0.5559+0.6985i	2.7390-0.5618i	0.4472-0.2523i	1.4399-0.6380i	-1.6016+0.5339i	-0.1241+0.1434i	-0.2780+0.7311i
21.3	-0.2418+0.3105i	-0.4988+0.7921i	2.3388-0.6668i	0.4229-0.2794i	1.3856-0.7265i	-1.5315+0.5753i	-0.1238+0.1514i	-0.2221+0.7836i
21.4	-0.1986+0.3533i	-0.4062+0.9227i	2.2299-1.0455i	0.3906-0.3286i	1.3115-0.8704i	-1.4654+0.6791i	-0.1115+0.1616i	-0.1254+0.8684i
21.5	-0.1539+0.3868i	-0.3056+1.0258i	2.0059-1.0118i	0.3669-0.3617i	1.2472-0.9636i	-1.3860+0.7021i	-0.1019+0.1735i	-0.0354+0.9488i
21.6	-0.0768+0.4054i	-0.1006+1.1016i	2.1030-0.5956i	0.3166-0.3936i	1.1123-1.0615i	-1.3460+0.6742i	-0.0792+0.1848i	0.1541+0.9988i
21.7	-0.0299+0.4150i	0.0284+1.1362i	2.0779-0.2840i	0.2823-0.3938i	1.0073-1.0508i	-1.3103+0.6112i	-0.0650+0.1886i	0.2620+1.0278i
21.8	0.0485+0.3927i	0.2497+1.0884i	2.1078-0.5815i	0.2067-0.4053i	0.7933-1.0568i	-1.2319+0.6251i	-0.0379+0.1799i	0.4468+0.9602i
21.9	0.0900+0.3355i	0.3622+0.9342i	1.8666-0.5775i	0.1637-0.3751i	0.7363-0.9744i	-1.2331+0.6243i	-0.0341+0.1604i	0.5690+0.7932i
22.0	0.1335+0.2918i	0.4695+0.8024i	1.7414-0.4060i	0.1272-0.3488i	0.6921-0.9069i	-1.2259+0.6224i	-0.0254+0.1457i	0.6896+0.6563i
22.1	0.1441+0.2716i	0.4936+0.7601i	1.8243-0.2027i	0.1167-0.3476i	0.6770-0.9398i	-1.2118+0.6365i	-0.0210+0.1456i	0.6953+0.5740i
22.2	0.1473+0.2294i	0.4966+0.6420i	2.0186-0.3051i	0.1006-0.3210i	0.6747-0.8973i	-1.2311+0.6638i	-0.0203+0.1331i	0.7008+0.4404i
22.3	0.1496+0.2085i	0.5100+0.6002i	1.9264-0.3067i	0.0891-0.3201i	0.6756-0.9186i	-1.2677+0.6674i	-0.0241+0.1294i	0.7146+0.3764i
22.4	0.1581+0.1882i	0.5117+0.5740i	2.0194-0.1997i	0.0906-0.3240i	0.7140-0.9884i	-1.2898+0.6841i	-0.0272+0.1329i	0.7254+0.3009i
22.5	0.1428+0.1606i	0.4616+0.5138i	2.0911-0.1617i	0.0951-0.3095i	0.7379-1.0662i	-1.2742+0.7387i	-0.0333+0.1332i	0.6744+0.1820i
22.6	0.1348+0.1458i	0.4364+0.4840i	2.0650-0.2315i	0.0921-0.3113i	0.7215-1.1713i	-1.2603+0.8144i	-0.0349+0.1378i	0.6372+0.0888i
22.7	0.1279+0.1420i	0.4289+0.5000i	1.9987-0.2996i	0.0895-0.3239i	0.7079-1.2908i	-1.2656+0.8813i	-0.0386+0.1464i	0.6143+0.0262i
22.8	0.1288+0.1346i	0.4484+0.4901i	2.0293-0.2352i	0.0639-0.3293i	0.5467-1.4058i	-1.1707+0.9521i	-0.0297+0.1506i	0.5430-0.0538i
22.9	0.1259+0.1323i	0.4459+0.5046i	1.9753-0.1363i	0.0514-0.3391i	0.4529-1.5310i	-1.0694+0.9632i	-0.0291+0.1619i	0.4743-0.1099i
23.0	0.1269+0.1226i	0.4571+0.5188i	1.9247-0.2418i	0.0254-0.3591i	0.2607-1.7264i	-0.9200+0.9968i	-0.0162+0.1715i	0.3836-0.2021i
23.1	0.1255+0.1139i	0.5115+0.5042i	1.9246-0.2085i	-0.0177-0.3638i	-0.0220-1.8361i	-0.8831+1.0640i	0.0044+0.1760i	0.2969-0.2812i
23.2	0.1260+0.1046i	0.5353+0.4507i	1.9124-0.1500i	-0.0417-0.3289i	-0.2025-1.6605i	-0.8389+0.9781i	0.0135+0.1633i	0.2246-0.2511i
23.3	0.1284+0.0941i	0.5850+0.4015i	1.7424-0.0529i	-0.0902-0.2991i	-0.5544-1.5369i	-0.6883+0.9184i	0.0314+0.1495i	0.0853-0.2533i
23.4	0.1297+0.0912i	0.6303+0.3852i	1.4101-0.0895i	-0.1236-0.2885i	-0.8345-1.4972i	-0.6084+0.9102i	0.0457+0.1451i	-0.0324-0.2587i
23.5	0.1314+0.0832i	0.6558+0.3231i	1.6844-0.2437i	-0.1341-0.2536i	-0.9903-1.2786i	-0.5936+0.8460i	0.0534+0.1308i	-0.1107-0.2031i
23.6	0.1334+0.0752i	0.6535+0.2588i	1.9136-0.1404i	-0.1304-0.2209i	-0.9930-1.0640i	-0.5945+0.8040i	0.0506+0.1199i	-0.1327-0.1495i
23.7	0.1358+0.0570i	0.6647+0.1300i	1.8734-0.0675i	-0.1399-0.1696i	-1.0712-0.6923i	-0.5808+0.7892i	0.0540+0.0981i	-0.1684-0.0575i
23.8	0.1339+0.0561i	0.6459+0.0776i	1.9666+0.0628i	-0.1312-0.1522i	-1.0133-0.5722i	-0.5836+0.8377i	0.0497+0.0912i	-0.1618-0.0327i
23.9	0.1248+0.0485i	0.5688+0.0203i	1.9732-0.0111i	-0.1101-0.1222i	-0.8276-0.3770i	-0.5655+0.7962i	0.0352+0.0843i	-0.1324+0.0241i
24.0	0.1166+0.0467i	0.5094+0.0195i	1.9903-0.0455i	-0.0929-0.1114i	-0.7187-0.2931i	-0.5615+0.7225i	0.0253+0.0825i	-0.1241+0.0698i
24.1	0.1089+0.0367i	0.4671-0.0320i	1.8359-0.0398i	-0.0856-0.0916i	-0.6516-0.1719i	-0.5108+0.7153i	0.0214+0.0724i	-0.1216+0.0922i
24.2	0.1112+0.0400i	0.4719-0.0315i	1.8625-0.1825i	-0.0773-0.0866i	-0.6420-0.0890i	-0.5316+0.6852i	0.0262+0.0718i	-0.1345+0.1489i
24.3	0.1027+0.0444i	0.4209-0.0339i	1.8074+0.0108i	-0.0683-0.0752i	-0.5735-0.0368i	-0.5017+0.6539i	0.0195+0.0668i	-0.1374+0.1692i
24.4	0.0905+0.0409i	0.3636-0.0328i	1.6986-0.0134i	-0.0540-0.0693i	-0.4906-0.0393i	-0.4808+0.5963i	0.0079+0.0626i	-0.1404+0.1578i
24.5	0.0953+0.0301i	0.3600-0.0477i	1.8769-0.2392i	-0.0461-0.0718i	-0.4554-0.0473i	-0.4895+0.5835i	0.0106+0.0589i	-0.1289+0.1509i

24.6	0.0997+0.0327i	0.3580-0.0595i	2.0674-0.0435i	-0.0373-0.0633i	-0.4551-0.0326i	-0.4956+0.5804i	0.0099+0.0598i	-0.1466+0.1545i
24.7	0.1023+0.0349i	0.3487-0.0684i	2.0582+0.1591i	-0.0299-0.0594i	-0.4318-0.0329i	-0.5140+0.5832i	0.0111+0.0622i	-0.1426+0.1489i
24.8	0.0907+0.0320i	0.3041-0.0663i	1.9157+0.1863i	-0.0231-0.0530i	-0.3609-0.0098i	-0.5338+0.5171i	0.0009+0.0603i	-0.1393+0.1602i
24.9	0.0832+0.0370i	0.2650-0.0601i	1.8532+0.2406i	-0.0163-0.0489i	-0.3132+0.0117i	-0.5265+0.5043i	-0.0061+0.0576i	-0.1407+0.1720i
25.0	0.0817+0.0465i	0.2714-0.0556i	1.8608+0.2122i	-0.0106-0.0495i	-0.3493+0.0014i	-0.5795+0.5431i	-0.0055+0.0626i	-0.1714+0.1767i
25.1	0.0853+0.0348i	0.2571-0.0930i	1.7296+0.1352i	-0.0096-0.0457i	-0.3235+0.0565i	-0.5604+0.5717i	-0.0074+0.0566i	-0.1622+0.1873i
25.2	0.0911+0.0207i	0.2266-0.1263i	1.7831+0.0887i	-0.0064-0.0446i	-0.2874+0.0699i	-0.5071+0.5789i	-0.0060+0.0481i	-0.1488+0.1764i
25.3	0.0840+0.0344i	0.1843-0.0845i	1.7708+0.2533i	0.0072-0.0381i	-0.2268+0.0178i	-0.5076+0.5384i	-0.0144+0.0536i	-0.1624+0.1568i
25.4	0.0840+0.0395i	0.1760-0.0714i	1.7322+0.1927i	0.0156-0.0429i	-0.2281+0.0290i	-0.5198+0.5686i	-0.0173+0.0560i	-0.1837+0.1753i
25.5	0.0984+0.0357i	0.1845-0.0857i	1.8270+0.0225i	0.0205-0.0487i	-0.2590+0.0553i	-0.4964+0.5950i	-0.0119+0.0552i	-0.1951+0.2013i
25.6	0.0839+0.0383i	0.1223-0.0482i	1.7644-0.0855i	0.0302-0.0484i	-0.2047+0.0489i	-0.4345+0.4800i	-0.0235+0.0522i	-0.2212+0.2072i
25.7	0.0945+0.0366i	0.1246-0.0514i	1.8615+0.2073i	0.0385-0.0478i	-0.2045+0.0459i	-0.4469+0.4812i	-0.0267+0.0542i	-0.2368+0.2089i
25.8	0.0969+0.0316i	0.1187-0.0598i	1.7276+0.4282i	0.0378-0.0485i	-0.1793+0.0556i	-0.4491+0.4473i	-0.0287+0.0532i	-0.2234+0.2191i
25.9	0.0927+0.0199i	0.0683-0.0778i	1.9447+0.4092i	0.0387-0.0487i	-0.1515+0.0847i	-0.3878+0.4251i	-0.0310+0.0454i	-0.2297+0.2232i
26.0	0.1015+0.0001i	0.0622-0.1250i	2.0922+0.2552i	0.0365-0.0603i	-0.1743+0.1099i	-0.3816+0.4884i	-0.0280+0.0395i	-0.2350+0.2382i
26.1	0.0884+0.0068i	0.0390-0.0821i	2.0924+0.2387i	0.0424-0.0599i	-0.1499+0.0662i	-0.4651+0.3859i	-0.0402+0.0456i	-0.2524+0.2309i
26.2	0.0786+0.0139i	0.0150-0.0470i	2.1385+0.2651i	0.0512-0.0588i	-0.1301+0.0625i	-0.5228+0.3260i	-0.0505+0.0460i	-0.2764+0.2455i
26.3	0.0764+0.0131i	-0.0066-0.0684i	2.0158+0.3400i	0.0461-0.0556i	-0.1378+0.0948i	-0.4957+0.4270i	-0.0539+0.0463i	-0.2810+0.2620i
26.4	0.0794+0.0134i	-0.0240-0.0721i	2.0006+0.1168i	0.0442-0.0567i	-0.1148+0.1310i	-0.4727+0.4949i	-0.0544+0.0501i	-0.2665+0.2981i
26.5	0.0832+0.0132i	-0.0313-0.0505i	2.0629+0.0149i	0.0531-0.0731i	-0.1335+0.1363i	-0.5437+0.5283i	-0.0642+0.0576i	-0.3029+0.3495i
26.6	0.0931+0.0132i	-0.0430-0.0500i	2.0498-0.0372i	0.0628-0.0755i	-0.1460+0.1239i	-0.5951+0.5757i	-0.0651+0.0609i	-0.3278+0.3565i
26.7	0.0888+0.0254i	-0.0770-0.0044i	2.0790+0.1887i	0.0740-0.0683i	-0.1018+0.1216i	-0.5704+0.4584i	-0.0767+0.0680i	-0.3516+0.3676i
26.8	0.0932+0.0282i	-0.0817+0.0147i	2.0411+0.0942i	0.0783-0.0765i	-0.1020+0.1224i	-0.6185+0.4691i	-0.0807+0.0755i	-0.3616+0.4063i
26.9	0.1040+0.0205i	-0.1027+0.0294i	2.1201-0.0249i	0.0862-0.0926i	-0.1001+0.1568i	-0.6592+0.5472i	-0.0799+0.0862i	-0.3726+0.4815i
27.0	0.1183+0.0123i	-0.1044+0.0490i	2.1821-0.0089i	0.0881-0.1165i	-0.0977+0.2092i	-0.6928+0.6955i	-0.0756+0.1016i	-0.3581+0.5930i
27.1	0.1199-0.0063i	-0.1101+0.0706i	1.9227-0.1163i	0.0691-0.1306i	-0.0412+0.2446i	-0.5623+0.8110i	-0.0682+0.1076i	-0.2687+0.6496i
27.2	0.1127-0.0196i	-0.1322+0.0920i	2.0251-0.1791i	0.0641-0.1309i	0.0009+0.2521i	-0.4241+0.8089i	-0.0653+0.1106i	-0.2381+0.6629i
27.3	0.1129-0.0206i	-0.1411+0.1117i	2.0907-0.1936i	0.0675-0.1269i	0.0568+0.2495i	-0.3507+0.7606i	-0.0613+0.1177i	-0.1936+0.6778i
27.4	0.1227-0.0246i	-0.1551+0.1636i	2.0894-0.2056i	0.0883-0.1455i	0.0889+0.2449i	-0.3760+0.7215i	-0.0622+0.1368i	-0.2013+0.7596i
27.5	0.1199-0.0353i	-0.1545+0.1991i	2.1294-0.2592i	0.0833-0.1660i	0.1083+0.2331i	-0.3478+0.7835i	-0.0504+0.1457i	-0.1569+0.8099i
27.6	0.1192-0.0419i	-0.1509+0.2489i	1.8695-0.0486i	0.0669-0.1858i	0.1823+0.2237i	-0.2881+0.8197i	-0.0346+0.1522i	-0.0431+0.8672i
27.7	0.1170-0.0582i	-0.1206+0.3030i	2.0911-0.1294i	0.0457-0.2022i	0.2352+0.1993i	-0.1810+0.7923i	-0.0165+0.1605i	0.0779+0.8970i
27.8	0.1027-0.0595i	-0.1070+0.3041i	2.0258+0.0021i	0.0339-0.1910i	0.2495+0.1630i	-0.0974+0.6897i	-0.0072+0.1525i	0.1250+0.8311i
27.9	0.0918-0.0666i	-0.0707+0.3170i	2.0467-0.0121i	0.0147-0.1893i	0.2731+0.1165i	-0.0386+0.6592i	0.0085+0.1508i	0.2207+0.7929i
28.0	0.0944-0.0717i	-0.0688+0.3623i	2.2630-0.0556i	0.0152-0.1960i	0.3312+0.0532i	-0.0312+0.5726i	0.0226+0.1507i	0.2948+0.7668i
28.1	0.0810-0.0791i	-0.0411+0.3683i	2.0487-0.0029i	-0.0026-0.1872i	0.3251-0.0143i	0.0039+0.4691i	0.0316+0.1305i	0.3435+0.6656i
28.2	0.0539-0.0879i	0.0424+0.3486i	1.8976-0.1030i	-0.0396-0.1773i	0.2701-0.0847i	0.0602+0.4556i	0.0465+0.1055i	0.4142+0.5269i
28.3	0.0467-0.0753i	0.0305+0.3728i	2.0294+0.0424i	-0.0247-0.1714i	0.2544-0.1200i	-0.0377+0.3739i	0.0342+0.1000i	0.3500+0.4921i
28.4	0.0349-0.0890i	0.1105+0.3790i	2.2955-0.0471i	-0.0499-0.1805i	0.2016-0.1831i	-0.0084+0.3632i	0.0500+0.0833i	0.4065+0.4158i
28.5	0.0265-0.0893i	0.1527+0.3749i	2.4320-0.0450i	-0.0692-0.1790i	0.1786-0.2059i	0.0131+0.3275i	0.0542+0.0760i	0.4332+0.3724i
28.6	0.0174-0.0891i	0.1823+0.4076i	2.1810-0.0602i	-0.0781-0.1814i	0.1595-0.2454i	-0.0248+0.2744i	0.0493+0.0731i	0.4380+0.3582i
28.7	0.0063-0.0914i	0.1904+0.3754i	2.1052+0.0334i	-0.0732-0.1539i	0.0989-0.2653i	-0.0755+0.1753i	0.0375+0.0601i	0.3625+0.2650i
28.8	-0.0036-0.0820i	0.2141+0.3574i	2.2920+0.0022i	-0.0760-0.1482i	0.0485-0.2353i	-0.1224+0.1485i	0.0334+0.0614i	0.3188+0.2660i
28.9	-0.0176-0.0782i	0.2502+0.3208i	2.1463-0.0826i	-0.0950-0.1372i	0.0119-0.2340i	-0.1496+0.1289i	0.0298+0.0479i	0.3214+0.2154i
29.0	-0.0311-0.0698i	0.2823+0.2793i	2.1368-0.2394i	-0.1018-0.1271i	-0.0351-0.2161i	-0.1881+0.1548i	0.0232+0.0358i	0.2966+0.1758i
29.1	-0.0280-0.0679i	0.2656+0.2970i	2.1676-0.0767i	-0.0955-0.1296i	-0.0165-0.2081i	-0.2004+0.0999i	0.0221+0.0383i	0.2918+0.1943i
29.2	-0.0317-0.0620i	0.2812+0.3100i	2.2346+0.1026i	-0.0995-0.1344i	-0.0208-0.1984i	-0.2550+0.0800i	0.0228+0.0413i	0.2968+0.2164i
29.3	-0.0402-0.0510i	0.3391+0.3124i	2.3010+0.0211i	-0.1107-0.1257i	-0.0639-0.2108i	-0.3144+0.1105i	0.0180+0.0407i	0.2905+0.1980i
29.4	-0.0432-0.0498i	0.3679+0.2967i	2.4938-0.1697i	-0.1162-0.1251i	-0.0829-0.1953i	-0.3451+0.1183i	0.0174+0.0358i	0.2898+0.1977i
29.5	-0.0447-0.0464i	0.3812+0.2650i	2.7270-0.1721i	-0.1127-0.1313i	-0.1186-0.1461i	-0.3753+0.1288i	0.0151+0.0365i	0.2585+0.2379i
29.6	-0.0468-0.0252i	0.3284+0.2138i	2.4287-0.1481i	-0.1073-0.0991i	-0.1043-0.1324i	-0.3611+0.1358i	-0.0002+0.0342i	0.2189+0.1754i
29.7	-0.0406-0.0103i	0.3404+0.1396i	2.2821-0.2955i	-0.1189-0.0829i	-0.0887-0.0852i	-0.3180+0.1818i	-0.0007+0.0285i	0.2430+0.1479i
29.8	-0.0456-0.0087i	0.3842+0.1557i	2.5806-0.2572i	-0.1280-0.0811i	-0.0993-0.0986i	-0.3881+0.1759i	0.0003+0.0254i	0.2674+0.1389i
29.9	-0.0429+0.0008i	0.4271+0.1722i	2.7013-0.3695i	-0.1450-0.0771i	-0.1238-0.1041i	-0.4062+0.2033i	-0.0034+0.0251i	0.2775+0.1317i
30.0	-0.0432+0.0076i	0.3884+0.1481i	2.5496-0.4478i	-0.1277-0.0706i	-0.1250-0.0776i	-0.4039+0.1965i	-0.0151+0.0284i	0.2130+0.1443i
30.1	-0.0455+0.0035i	0.3446+0.1056i	2.1850-0.4648i	-0.1038-0.0690i	-0.1160-0.0436i	-0.3937+0.1598i	-0.0281+0.0286i	0.1483+0.1575i
30.2	-0.0397+0.0116i	0.3520+0.1450i	2.3732-0.2443i	-0.0999-0.0683i	-0.1077-0.0670i	-0.4179+0.1373i	-0.0308+0.0329i	0.1490+0.1569i
30.3	-0.0328+0.0109i	0.3349+0.1181i	2.6064-0.3660i	-0.0940-0.0567i	-0.0982-0.0549i	-0.3955+0.1303i	-0.0314+0.0313i	0.1385+0.1406i
30.4	-0.0385+0.0119i	0.2803+0.0461i	2.6864-0.3823i	-0.0859-0.0367i	-0.0857-0.0348i	-0.3939+0.1550i	-0.0375+0.0233i	0.1036+0.0790i
30.5	-0.0348+0.0175i	0.3223+0.0093i	2.5184-0.2347i	-0.0998-0.0358i	-0.1021-0.0187i	-0.4069+0.2231i	-0.0330+0.0153i	0.1329+0.0604i
30.6	-0.0415+0.0189i	0.3413+0.0319i	2.6880-0.2078i	-0.1172-0.0405i	-0.0915-0.0360i	-0.4535+0.2210i	-0.0333+0.0159i	0.1686+0.0619i
30.7	-0.0372+0.0261i	0.3407+0.0682i	2.7133-0.0916i	-0.1200-0.0492i	-0.0787-0.0324i	-0.4507+0.2047i	-0.0400+0.0252i	0.1714+0.1067i
30.8	-0.0379+0.0319i	0.2526+0.0179i	2.5664-0.2977i	-0.0978-0.0323i	-0.0705+0.0026i	-0.3774+0.2429i	-0.0566+0.0249i	0.0875+0.0887i

30.9	-0.0362+0.0278i	0.2715-0.0185i	2.5723-0.2630i	-0.1035-0.0172i	-0.0636+0.0038i	-0.3739+0.2292i	-0.0548+0.0206i	0.1139+0.0503i
31.0	-0.0305+0.0323i	0.2958-0.0069i	2.7256-0.1111i	-0.0960-0.0156i	-0.0800-0.0126i	-0.4095+0.2035i	-0.0612+0.0262i	0.0890+0.0512i
31.1	-0.0257+0.0364i	0.2899+0.0132i	2.4795-0.0514i	-0.0996-0.0119i	-0.0639-0.0100i	-0.3840+0.1508i	-0.0619+0.0335i	0.0936+0.0759i
31.2	-0.0191+0.0364i	0.2633-0.0639i	2.4889-0.3840i	-0.0979+0.0087i	-0.0640+0.0169i	-0.3385+0.2073i	-0.0614+0.0330i	0.0825+0.0344i
31.3	-0.0191+0.0305i	0.2085-0.0602i	2.3355-0.3658i	-0.0761+0.0021i	-0.0645+0.0189i	-0.3104+0.2018i	-0.0771+0.0313i	0.0044+0.0372i
31.4	-0.0227+0.0346i	0.2767-0.0436i	2.5267-0.2922i	-0.0841-0.0085i	-0.0887+0.0076i	-0.4029+0.2061i	-0.0806+0.0376i	0.0129+0.0564i
31.5	-0.0215+0.0380i	0.2932-0.0993i	2.8664-0.1718i	-0.0833+0.0011i	-0.1054+0.0251i	-0.4371+0.2602i	-0.0819+0.0392i	0.0018+0.0450i
31.6	-0.0121+0.0324i	0.2147-0.0926i	2.2197-0.5464i	-0.0645-0.0096i	-0.0888+0.0542i	-0.3325+0.2315i	-0.0897+0.0454i	-0.0533+0.1035i
31.7	-0.0173+0.0378i	0.1825-0.0339i	2.1963-0.6404i	-0.0533-0.0174i	-0.0800+0.0373i	-0.3305+0.1548i	-0.1015+0.0531i	-0.0986+0.1393i
31.8	-0.0204+0.0202i	0.1722-0.0596i	2.3590-0.5194i	-0.0486-0.0200i	-0.0874+0.0517i	-0.3306+0.1476i	-0.1047+0.0450i	-0.1230+0.1305i
31.9	-0.0228+0.0218i	0.1485-0.1040i	2.7524-0.3278i	-0.0525-0.0060i	-0.0744+0.0697i	-0.3093+0.1893i	-0.1046+0.0449i	-0.1207+0.1066i
32.0	-0.0235+0.0333i	0.0990-0.1115i	2.9428-0.5418i	-0.0344-0.0067i	-0.0627+0.0795i	-0.2814+0.2348i	-0.1068+0.0581i	-0.1625+0.1313i
32.1	-0.0464+0.0295i	0.0705-0.1070i	2.8705-0.4720i	-0.0406-0.0127i	-0.0644+0.0856i	-0.2967+0.2094i	-0.1293+0.0584i	-0.1980+0.1473i
32.2	-0.0449+0.0115i	0.1073-0.0988i	2.6546-0.2461i	-0.0751-0.0354i	-0.0329+0.1244i	-0.3175+0.1731i	-0.1143+0.0727i	-0.0824+0.2429i
32.3	-0.0457+0.0171i	0.1174-0.0518i	2.6384-0.1826i	-0.0709-0.0423i	-0.0331+0.1150i	-0.3448+0.1162i	-0.1218+0.0791i	-0.1034+0.2838i
32.4	-0.0608+0.0355i	0.0592+0.0126i	2.7297-0.3138i	-0.0536-0.0395i	-0.0223+0.1004i	-0.3323+0.0378i	-0.1407+0.0905i	-0.1739+0.3200i
32.5	-0.0686+0.0498i	0.0345+0.0332i	2.7642-0.5013i	-0.0512-0.0311i	-0.0057+0.0924i	-0.3508+0.0200i	-0.1442+0.0979i	-0.1759+0.3256i
32.6	-0.0727+0.0344i	0.0490-0.0870i	2.7630-0.2049i	-0.0571-0.0273i	-0.0124+0.1375i	-0.3481+0.1702i	-0.1440+0.1012i	-0.1738+0.3155i
32.7	-0.0918+0.0306i	0.0093-0.0325i	2.6839-0.4004i	-0.0664-0.0357i	0.0149+0.1361i	-0.3057+0.0718i	-0.1596+0.1038i	-0.1812+0.3570i
32.8	-0.1135+0.0477i	0.0017+0.0388i	2.5969-0.5381i	-0.0919-0.0445i	0.0569+0.1275i	-0.3088-0.0054i	-0.1590+0.1174i	-0.1085+0.4162i
32.9	-0.0992+0.0497i	-0.0108-0.0152i	3.0103-0.6839i	-0.0875-0.0555i	0.0482+0.1613i	-0.2629+0.0957i	-0.1483+0.1419i	-0.1047+0.4760i
33.0	-0.0802+0.0619i	0.0194+0.0159i	2.5347-0.3579i	-0.0901-0.0325i	0.0478+0.1107i	-0.2920+0.0829i	-0.1380+0.1288i	-0.0626+0.3793i
33.1	-0.0796+0.0638i	0.0605+0.0083i	2.7997-0.2942i	-0.1056-0.0213i	0.0515+0.1067i	-0.3283+0.0531i	-0.1334+0.1343i	-0.0112+0.3712i
33.2	-0.0902+0.0698i	0.0175+0.0270i	2.8636-0.3395i	-0.1027-0.0282i	0.0821+0.1239i	-0.3143+0.0134i	-0.1349+0.1530i	-0.0070+0.4416i
33.3	-0.0963+0.0712i	-0.0196+0.0331i	2.8513-0.4282i	-0.1161-0.0119i	0.1073+0.1078i	-0.2899-0.0226i	-0.1221+0.1457i	0.0454+0.3871i
33.4	-0.1012+0.0920i	-0.0073+0.0476i	2.6903-0.8267i	-0.1233+0.0142i	0.1155+0.0790i	-0.2991-0.0413i	-0.1255+0.1486i	0.0621+0.3392i
33.5	-0.1044+0.1107i	0.0032+0.0384i	2.7118-1.0675i	-0.1332+0.0252i	0.1249+0.0922i	-0.3228-0.0359i	-0.1211+0.1797i	0.1048+0.3805i
33.6	-0.1010+0.1372i	-0.0364+0.0569i	3.0871-0.9694i	-0.1182+0.0419i	0.1406+0.0878i	-0.2827-0.0273i	-0.1185+0.1956i	0.0814+0.3817i
33.7	-0.0919+0.1568i	-0.0419+0.0894i	3.1506-1.0363i	-0.1219+0.0559i	0.1625+0.0657i	-0.2388-0.0492i	-0.1065+0.2024i	0.1077+0.3695i
33.8	-0.0856+0.1800i	-0.0346+0.0959i	3.0889-1.0897i	-0.1018+0.0654i	0.1432+0.0576i	-0.2834-0.0859i	-0.1267+0.2284i	0.0355+0.4102i
33.9	-0.0847+0.1706i	-0.0210+0.0903i	3.0094-0.8997i	-0.0728+0.0739i	0.1291+0.0466i	-0.3838-0.1150i	-0.1362+0.2223i	-0.0142+0.3720i
34.0	-0.0989+0.1889i	-0.0513+0.0870i	3.4377-0.8289i	-0.0703+0.1005i	0.1480+0.0408i	-0.3588-0.1252i	-0.1354+0.2314i	-0.0217+0.3354i
34.1	-0.0944+0.2121i	-0.0351+0.1402i	3.1115-0.9514i	-0.0887+0.1127i	0.1665+0.0070i	-0.3276-0.1907i	-0.1202+0.2391i	0.0537+0.3239i
34.2	-0.0795+0.2132i	-0.0226+0.1656i	2.9165-0.5790i	-0.0885+0.0979i	0.1652-0.0074i	-0.3289-0.2165i	-0.1083+0.2413i	0.0813+0.3442i
34.3	-0.0697+0.2124i	-0.0152+0.1822i	2.8367-0.6490i	-0.0840+0.1063i	0.1526-0.0316i	-0.3517-0.2614i	-0.1008+0.2367i	0.0835+0.3020i
34.4	-0.0398+0.2156i	0.0218+0.1704i	2.9357-0.4640i	-0.0738+0.1057i	0.1403-0.0283i	-0.3978-0.2269i	-0.0682+0.2508i	0.1275+0.3208i
34.5	-0.0240+0.2330i	0.0614+0.1623i	3.0645-0.7606i	-0.0674+0.1284i	0.1348-0.0465i	-0.4862-0.2329i	-0.0498+0.2719i	0.1559+0.2971i
34.6	-0.0063+0.2358i	0.0825+0.1977i	2.9534-1.3847i	-0.0667+0.1186i	0.1275-0.0634i	-0.5076-0.2939i	-0.0242+0.2927i	0.2007+0.3435i
34.7	0.0073+0.2237i	0.0650+0.2113i	2.7520-1.9593i	-0.0479+0.1153i	0.1234-0.0741i	-0.4772-0.3604i	-0.0188+0.2789i	0.1669+0.3309i
34.8	0.0168+0.2237i	0.0371+0.2189i	2.5004-1.5794i	-0.0246+0.1166i	0.1196-0.0763i	-0.4659-0.3807i	-0.0211+0.2647i	0.1120+0.3112i
34.9	0.0109+0.2140i	0.0929+0.1580i	1.9563-0.7029i	-0.0365+0.1068i	0.0819-0.0484i	-0.5956-0.3087i	0.0010+0.2853i	0.1626+0.3564i
35.0	0.0277+0.2301i	0.1276+0.1851i	1.9769-1.1797i	-0.0291+0.1340i	0.0752-0.0695i	-0.6783-0.3746i	0.0246+0.2889i	0.2027+0.3145i
35.1	0.0376+0.2524i	0.1346+0.1585i	2.4590-1.6794i	-0.0004+0.1823i	0.0742-0.0761i	-0.7646-0.3494i	0.0371+0.2764i	0.1666+0.2182i
35.2	0.0454+0.2484i	0.1277+0.1312i	2.5779-1.4471i	0.0314+0.1988i	0.0752-0.0675i	-0.8182-0.3174i	0.0424+0.2489i	0.1232+0.1427i
35.3	0.0568+0.2281i	0.1407+0.1461i	2.3405-1.1902i	0.0393+0.1792i	0.0685-0.0719i	-0.8239-0.3502i	0.0498+0.2354i	0.1335+0.1531i
35.4	0.0520+0.2280i	0.1360+0.1625i	2.7136-1.2644i	0.0386+0.1649i	0.0682-0.0733i	-0.8677-0.3189i	0.0517+0.2370i	0.1503+0.1845i
35.5	0.0571+0.2260i	0.1446+0.1423i	3.0615-1.2300i	0.0606+0.1623i	0.0704-0.0660i	-0.9527-0.2490i	0.0579+0.2214i	0.1326+0.1514i
35.6	0.0618+0.2089i	0.1732+0.1272i	2.3982-0.8853i	0.0903+0.1436i	0.0522-0.0588i	-1.0597-0.2242i	0.0371+0.2200i	0.0567+0.1755i
35.7	0.0693+0.1860i	0.1412+0.1232i	2.1615-0.2756i	0.1087+0.1306i	0.0484-0.0553i	-1.0624-0.2447i	0.0278+0.1895i	0.0169+0.1517i
35.8	0.0781+0.1951i	0.1437+0.1403i	2.2952-0.9048i	0.1224+0.1224i	0.0618-0.0726i	-1.0447-0.2222i	0.0309+0.1849i	0.0138+0.1426i
35.9	0.0642+0.2054i	0.1204+0.1389i	2.4459-1.1985i	0.1395+0.1413i	0.0670-0.0809i	-1.1054-0.2459i	0.0110+0.1927i	-0.0472+0.1308i
36.0	0.0575+0.2047i	0.1178+0.1480i	2.7702-1.1905i	0.1650+0.1308i	0.0731-0.0758i	-1.1838-0.1634i	-0.0148+0.1947i	-0.1232+0.1505i
36.1	0.0636+0.2209i	0.1243+0.1510i	2.6138-0.8046i	0.1653+0.0978i	0.0700-0.0728i	-1.1733+0.0372i	0.0049+0.2041i	-0.0910+0.1876i
36.2	0.0734+0.2247i	0.1490+0.1728i	2.2154-1.0283i	0.1852+0.0903i	0.0623-0.0848i	-1.2186+0.0566i	-0.0068+0.2128i	-0.1442+0.1955i
36.3	0.0817+0.2420i	0.1329+0.1827i	2.2851-1.1455i	0.2092+0.0731i	0.0726-0.0968i	-1.2449+0.1435i	0.0044+0.2460i	-0.1650+0.2633i
36.4	0.1063+0.2423i	0.1149+0.1800i	2.3164-1.4763i	0.2302+0.0605i	0.0791-0.1121i	-1.1665+0.1561i	0.0158+0.2301i	-0.1738+0.2573i
36.5	0.1303+0.2530i	0.1433+0.1972i	2.1212-1.1910i	0.2350+0.0070i	0.0659-0.1126i	-1.1420+0.3401i	0.0447+0.2501i	-0.1390+0.3522i
36.6	0.1526+0.2573i	0.1633+0.2207i	2.2190-1.0253i	0.2237-0.0478i	0.0623-0.1329i	-1.0326+0.4569i	0.0816+0.2858i	-0.0833+0.4700i
36.7	0.1595+0.2537i	0.1774+0.2185i	2.3679-1.0926i	0.2091-0.0607i	0.0534-0.1431i	-0.9720+0.4629i	0.0953+0.2954i	-0.0529+0.5026i
36.8	0.1839+0.2491i	0.2053+0.2388i	2.3999-1.4951i	0.2112-0.0898i	0.0413-0.1680i	-0.9279+0.5001i	0.1144+0.2823i	-0.0259+0.5180i
36.9	0.2192+0.2368i	0.2583+0.2704i	2.0873-1.7565i	0.2009-0.1539i	0.0029-0.1960i	-0.8583+0.5824i	0.1439+0.2779i	0.0296+0.5945i
37.0	0.2063+0.2277i	0.2592+0.2442i	2.7174-1.0070i	0.1596-0.1404i	0.0069-0.1814i	-0.7680+0.5272i	0.1489+0.2618i	0.0814+0.5582i
37.1	0.1930+0.2015i	0.2768+0.2173i	3.3922-0.4380i	0.0954-0.1372i	-0.0000-0.1694i	-0.6399+0.4394i	0.1624+0.2365i	0.1794+0.5087i

37.2	0.2118+0.1888i	0.3179+0.1916i	3.4479-1.1126i	0.0995-0.1301i	-0.0358-0.1700i	-0.6720+0.3652i	0.1666+0.2184i	0.1678+0.4609i
37.3	0.2112+0.1706i	0.3111+0.1592i	3.1435-0.9790i	0.0976-0.1193i	-0.0489-0.1606i	-0.6967+0.2979i	0.1576+0.1891i	0.1420+0.4100i
37.4	0.2050+0.1662i	0.3079+0.1441i	2.6854-1.6128i	0.0809-0.0728i	-0.0598-0.1706i	-0.6892+0.1222i	0.1346+0.1566i	0.1138+0.3088i
37.5	0.2239+0.1526i	0.3537+0.1145i	2.6190-2.1762i	0.0596-0.1051i	-0.0909-0.1566i	-0.6427+0.1886i	0.1640+0.1512i	0.1873+0.3531i
37.6	0.2098+0.1320i	0.3539+0.0882i	3.1853-1.5436i	0.0356-0.1291i	-0.0809-0.1276i	-0.6265+0.2594i	0.1808+0.1425i	0.2418+0.3751i
37.7	0.1938+0.0925i	0.3567+0.0381i	2.4144-0.8948i	0.0164-0.1336i	-0.1030-0.0917i	-0.6714+0.2033i	0.1468+0.1216i	0.2066+0.3540i
37.8	0.1643+0.0865i	0.3354+0.0181i	2.5898-0.9955i	-0.0094-0.1230i	-0.0949-0.0754i	-0.6923+0.2048i	0.1407+0.1105i	0.2237+0.3362i
37.9	0.1342+0.1345i	0.2878+0.0320i	3.5535-1.3243i	-0.0293-0.0723i	-0.0732-0.0846i	-0.6731+0.1922i	0.1224+0.0991i	0.2061+0.2698i
38.0	0.1781+0.1663i	0.3107+0.0837i	3.5600-2.3333i	-0.0142-0.0528i	-0.0874-0.1021i	-0.6205+0.1231i	0.1152+0.1064i	0.1916+0.2930i
38.1	0.1703+0.1330i	0.3478+0.0561i	3.3110-2.2544i	-0.0368-0.0480i	-0.0898-0.0914i	-0.6506+0.0385i	0.1273+0.1172i	0.2639+0.2933i
38.2	0.1222+0.1289i	0.2832+0.0259i	3.5652-0.9297i	-0.0449-0.0343i	-0.0432-0.0785i	-0.6772+0.0299i	0.1076+0.1215i	0.2446+0.2707i
38.3	0.1037+0.1355i	0.2692+0.0346i	3.7439-0.5584i	-0.0635-0.0395i	-0.0418-0.0820i	-0.6873+0.0662i	0.1170+0.1303i	0.2856+0.2984i
38.4	0.1243+0.1589i	0.3123+0.0387i	3.8497-1.2793i	-0.0638-0.0190i	-0.0755-0.0899i	-0.7470+0.0872i	0.1434+0.1226i	0.3354+0.2608i
38.5	0.1187+0.1651i	0.2938+0.0259i	3.8597-1.1497i	-0.0523-0.0131i	-0.0723-0.0906i	-0.7871+0.1063i	0.1292+0.1175i	0.3015+0.2413i
38.6	0.1277+0.1320i	0.2947+0.0094i	3.1257-0.9891i	-0.0542-0.0435i	-0.0972-0.0612i	-0.7893+0.1369i	0.1209+0.1157i	0.2969+0.2662i
38.7	0.1481+0.1292i	0.3065+0.0016i	2.9315-1.6384i	-0.0378-0.0212i	-0.1151-0.0565i	-0.8105+0.0739i	0.0920+0.1068i	0.2381+0.2159i
38.8	0.1576+0.1744i	0.3211+0.0346i	4.0236-2.0623i	-0.0412+0.0304i	-0.1212-0.0812i	-0.8128+0.0301i	0.0920+0.0851i	0.2430+0.1293i
38.9	0.1357+0.1513i	0.3167+0.0055i	3.3854-1.5513i	-0.0512+0.0247i	-0.1142-0.0426i	-0.8601+0.0712i	0.1019+0.0862i	0.2604+0.1367i
39.0	0.1688+0.1626i	0.3641-0.0186i	3.4790-2.2405i	-0.0192+0.0536i	-0.1466-0.0284i	-0.9285+0.0772i	0.0960+0.0975i	0.2164+0.1136i
39.1	0.1904+0.1876i	0.3979-0.0056i	4.2148-2.9468i	-0.0041+0.0710i	-0.1505-0.0302i	-0.9237+0.0907i	0.0886+0.1104i	0.2053+0.1213i
39.2	0.1699+0.1754i	0.3522-0.0079i	3.7994-2.4523i	-0.0021+0.0657i	-0.1081-0.0256i	-0.9004+0.0627i	0.0872+0.1126i	0.1995+0.1224i
39.3	0.1408+0.1793i	0.3435+0.0038i	3.9177-1.6073i	-0.0163+0.0697i	-0.0845-0.0267i	-0.9261+0.0654i	0.0842+0.1172i	0.2007+0.1318i
39.4	0.1675+0.1775i	0.3878-0.0074i	4.1301-2.1915i	0.0006+0.0706i	-0.1121-0.0233i	-0.9435+0.0830i	0.0776+0.1031i	0.1814+0.1066i
39.5	0.1673+0.1686i	0.3961-0.0242i	3.7799-2.3724i	0.0087+0.0701i	-0.1152-0.0060i	-1.0194+0.0701i	0.0878+0.1121i	0.1877+0.1165i
39.6	0.1818+0.1664i	0.3895-0.0349i	3.6110-2.7313i	0.0329+0.0660i	-0.1061-0.0133i	-1.0123+0.0673i	0.0741+0.1278i	0.1341+0.1404i
39.7	0.1949+0.1631i	0.4111-0.0605i	3.6355-3.4175i	0.0510+0.0569i	-0.1108-0.0061i	-1.0493+0.1380i	0.0833+0.1241i	0.1263+0.1361i
39.8	0.1782+0.1933i	0.4249-0.0532i	3.7490-2.9031i	0.0350+0.0771i	-0.1064-0.0126i	-1.0511+0.1836i	0.0814+0.1101i	0.1437+0.1007i
39.9	0.1933+0.1933i	0.4298-0.0690i	3.5151-2.9744i	0.0344+0.0638i	-0.1173-0.0138i	-0.9743+0.2270i	0.0828+0.1183i	0.1506+0.1343i
40.0	0.2194+0.2402i	0.4695-0.0779i	4.7670-3.0739i	0.0458+0.1075i	-0.1330-0.0127i	-1.0020+0.2641i	0.0828+0.1083i	0.1496+0.0731i
40.1	0.1980+0.2450i	0.4491-0.0641i	4.5273-2.3419i	0.0459+0.1111i	-0.1082-0.0207i	-1.0329+0.2275i	0.0656+0.1099i	0.1183+0.0766i
40.2	0.2093+0.2368i	0.4331-0.0936i	3.8139-2.5486i	0.0587+0.0909i	-0.0989-0.0196i	-0.9995+0.3009i	0.0715+0.1109i	0.1119+0.1026i
40.3	0.2268+0.2672i	0.4388-0.1037i	4.1472-2.1813i	0.0721+0.0950i	-0.0989-0.0282i	-1.0011+0.3887i	0.0915+0.1131i	0.1276+0.1055i
40.4	0.2408+0.2225i	0.4256-0.1498i	3.5971-2.4540i	0.0664+0.0516i	-0.1004-0.0119i	-0.9319+0.4051i	0.0990+0.1107i	0.1451+0.1392i
40.5	0.3016+0.1508i	0.4429-0.2555i	2.1966-4.9323i	0.1251+0.0181i	-0.1003+0.0468i	-0.9325+0.4597i	0.1238+0.0921i	0.1133+0.1156i
40.6	0.2881+0.1741i	0.4468-0.2849i	1.8422-4.6403i	0.1402+0.0365i	-0.0935+0.0594i	-1.0693+0.5540i	0.1404+0.0871i	0.1139+0.0870i
40.7	0.2997+0.1728i	0.4394-0.2808i	2.6544-4.0947i	0.1307+0.0471i	-0.1042+0.0449i	-0.9911+0.4349i	0.1140+0.0960i	0.0954+0.0846i
40.8	0.2843+0.1819i	0.4050-0.2581i	2.1960-2.6102i	0.1204+0.0136i	-0.0806+0.0231i	-0.9502+0.5700i	0.0946+0.0769i	0.0720+0.1096i
40.9	0.3035+0.1737i	0.4450-0.3128i	1.6743-4.3538i	0.1516+0.0301i	-0.1081+0.0753i	-1.0918+0.6087i	0.1390+0.1134i	0.0894+0.1347i
41.0	0.3432+0.1383i	0.4425-0.3531i	1.4496-4.7809i	0.1748+0.0271i	-0.0854+0.0866i	-1.0132+0.4879i	0.1434+0.1100i	0.0853+0.1348i
41.1	0.3215+0.1484i	0.4046-0.3452i	1.4956-3.4368i	0.1568+0.0126i	-0.0589+0.0491i	-0.9440+0.5405i	0.1105+0.0731i	0.0652+0.1017i
41.2	0.3379+0.1544i	0.4113-0.3887i	1.6599-3.9020i	0.1667+0.0248i	-0.0667+0.0554i	-0.9253+0.5847i	0.1079+0.0951i	0.0560+0.0996i
41.3	0.3432+0.1750i	0.4042-0.4097i	1.3180-3.9144i	0.1837+0.0520i	-0.0738+0.0495i	-0.9993+0.5998i	0.1422+0.1201i	0.0655+0.0786i
41.4	0.4032+0.0879i	0.3935-0.4771i	0.3623-5.5678i	0.2467-0.0007i	-0.1039+0.0760i	-1.0237+0.4798i	0.1931+0.1190i	0.0363+0.1173i
41.5	0.3966+0.0534i	0.3953-0.5112i	0.9191-5.2536i	0.2303-0.0493i	-0.1061+0.0987i	-0.9576+0.5152i	0.1722+0.0972i	0.0397+0.1679i
41.6	0.3806+0.0367i	0.3052-0.5280i	-0.0429-4.9123i	0.2279-0.0610i	-0.0663+0.1139i	-0.9245+0.5057i	0.1835+0.0914i	0.0415+0.1743i
41.7	0.3862-0.0089i	0.2692-0.5403i	-0.2613-4.0570i	0.2055-0.1137i	-0.0415+0.1002i	-0.7399+0.4788i	0.1564+0.0670i	0.0385+0.2048i
41.8	0.4089-0.0084i	0.2704-0.5702i	0.4979-3.7272i	0.2247-0.1146i	-0.0244+0.0967i	-0.7101+0.5130i	0.1449+0.0442i	0.0188+0.1758i
41.9	0.3803-0.0421i	0.2203-0.5908i	0.3962-3.0468i	0.2034-0.1554i	-0.0018+0.0777i	-0.7044+0.5138i	0.1242+0.0307i	0.0223+0.1940i
42.0	0.3187-0.1059i	0.1008-0.5930i	-0.3335-3.5640i	0.1455-0.2049i	0.0025+0.0572i	-0.6678+0.3801i	0.1283+0.0324i	0.0684+0.2241i
42.1	0.3003-0.0950i	0.0965-0.5784i	-0.5244-3.6224i	0.1402-0.1895i	-0.0269+0.0770i	-0.7815+0.3977i	0.1653+0.0294i	0.0881+0.2072i
42.2	0.2590-0.1096i	0.1002-0.5501i	0.0003-2.9541i	0.0825-0.2076i	-0.0169+0.0586i	-0.7248+0.3226i	0.1077+0.0340i	0.0919+0.2441i
42.3	0.2197-0.1115i	0.0384-0.5389i	-0.2920-3.3605i	0.0644-0.1985i	0.0038+0.0534i	-0.8203+0.2353i	0.1255+0.0406i	0.1233+0.2335i
42.4	0.2286-0.1119i	-0.0150-0.5771i	-0.0506-3.9232i	0.0842-0.2073i	0.0238+0.0450i	-0.7835+0.2868i	0.1139+0.0238i	0.0824+0.2176i
42.5	0.1922-0.0847i	-0.0485-0.5710i	0.3684-3.1703i	0.0197-0.2172i	0.0172+0.0278i	-0.6597+0.4195i	0.0512+0.0102i	0.0981+0.2261i
42.6	0.2955-0.0708i	-0.0973-0.5603i	1.3808-2.9762i	0.0663-0.2102i	0.0509+0.0324i	-0.2648+0.4793i	0.0103-0.0131i	0.0240+0.1878i
42.7	0.1939-0.0504i	-0.0916-0.5282i	1.4526-2.6474i	-0.0404-0.1413i	-0.0075+0.0117i	-0.5252+0.1293i	0.0288+0.0608i	0.1323+0.1876i
42.8	0.1778-0.0648i	-0.1380-0.4936i	1.0947-3.8994i	-0.0519-0.1580i	-0.0144-0.0106i	-0.6065+0.0653i	0.0531+0.0911i	0.1665+0.2227i
42.9	0.2027-0.1287i	-0.1915-0.4198i	0.9801-4.0019i	-0.0346-0.2462i	0.0373-0.0549i	-0.3728+0.1602i	-0.0243+0.0604i	0.0798+0.2621i
43.0	0.1249+0.0314i	-0.0899-0.3204i	0.2011-2.2940i	-0.0836-0.0752i	-0.0355-0.0356i	-0.6964+0.1704i	-0.0026+0.1441i	0.1059+0.2033i
43.1	0.2204+0.0740i	-0.0625-0.3845i	1.2380-2.2425i	0.0109-0.0250i	-0.0150-0.0079i	-0.6471+0.1523i	0.0545+0.1608i	0.0909+0.1809i
43.2	0.2538+0.0315i	-0.0958-0.3586i	0.6623-3.1813i	0.0453-0.0529i	-0.0117-0.0346i	-0.6670+0.0238i	0.0902+0.1307i	0.0885+0.1557i
43.3	0.3214+0.0024i	-0.0978-0.3725i	1.6488-4.5827i	0.1190-0.0432i	-0.0516-0.0119i	-0.7652-0.1271i	0.1613+0.1320i	0.0683+0.1402i
43.4	0.2632-0.0412i	-0.0691-0.3487i	0.4584-5.0691i	0.0841-0.0740i	-0.0936+0.0276i	-1.0683-0.2393i	0.1999+0.0938i	0.1037+0.1591i

43.5	0.2490-0.0873i	-0.0990-0.4005i	2.0084-4.8875i	0.0719-0.1323i	-0.0622-0.0171i	-1.0451-0.2177i	0.1344+0.1226i	0.0712+0.2332i
43.6	0.2053-0.0590i	-0.1089-0.4039i	1.4848-3.9030i	0.0443-0.1217i	-0.0418-0.0106i	-1.1173+0.0013i	0.0872+0.1032i	0.0487+0.2028i
43.7	0.2091+0.0120i	-0.1432-0.3847i	1.1833-4.2164i	0.0762-0.0385i	-0.0279+0.0113i	-1.2273+0.1130i	0.1424+0.1327i	0.0770+0.1569i
43.8	0.2607+0.0557i	-0.1626-0.3108i	0.6187-4.3326i	0.1446-0.0088i	-0.0552+0.0287i	-1.2889+0.2582i	0.2318+0.1031i	0.0771+0.1105i
43.9	0.3158+0.0246i	-0.1455-0.2836i	0.8537-5.0006i	0.1463-0.0629i	-0.0888+0.0417i	-1.0473+0.1983i	0.2608+0.0860i	0.0919+0.1691i
44.0	0.3206-0.0448i	-0.0946-0.3261i	0.7571-4.6711i	0.1208-0.1084i	-0.0616+0.0716i	-0.9676+0.0011i	0.2180+0.0637i	0.0886+0.2314i
44.1	0.2299-0.1075i	-0.1081-0.3666i	0.3430-4.3514i	0.0303-0.1313i	-0.0093+0.0471i	-1.0787-0.2335i	0.1302+0.0654i	0.1261+0.2482i
44.2	0.1304-0.1003i	-0.1188-0.3331i	-0.4546-4.8107i	-0.0138-0.1370i	-0.0301+0.0243i	-1.5175-0.1199i	0.1684+0.0666i	0.2254+0.2493i
44.3	0.1208-0.0258i	-0.1929-0.3529i	-0.5607-5.2245i	-0.0093-0.1054i	0.0083+0.0108i	-1.5457+0.2142i	0.1692+0.0447i	0.2507+0.1598i
44.4	0.1609+0.0145i	-0.2513-0.2389i	-0.8703-5.6544i	-0.0129-0.0801i	-0.0249-0.0723i	-1.2921+0.2770i	0.1567+0.0792i	0.2023+0.1073i
44.5	0.2543-0.0213i	-0.2156-0.1814i	0.5844-6.3856i	0.0916-0.0857i	-0.0910-0.0523i	-1.2185+0.1003i	0.2235+0.0889i	0.0956+0.1484i
44.6	0.2214-0.0128i	-0.1612-0.1967i	-0.1472-5.6736i	0.0770-0.1075i	-0.0740+0.0100i	-1.3044+0.1452i	0.2033+0.0853i	0.1176+0.2237i
44.7	0.2426+0.0369i	-0.1224-0.2138i	-0.6292-4.8803i	0.0628-0.0915i	-0.0572-0.0102i	-1.3079+0.2746i	0.2303+0.0909i	0.2181+0.1957i
44.8	0.3494+0.0155i	-0.0670-0.2517i	0.7309-4.2292i	0.1521-0.0726i	-0.0887-0.0174i	-1.3165+0.2107i	0.3229+0.0777i	0.2152+0.1067i
44.9	0.2593-0.0772i	-0.0765-0.3443i	-0.4524-4.7375i	0.0765-0.1732i	-0.1397+0.0229i	-1.4463+0.2807i	0.2822-0.0357i	0.1708+0.1049i
45.0	0.1950-0.0872i	-0.2166-0.3509i	-0.0573-5.5485i	0.0160-0.1685i	-0.0566+0.0520i	-1.4016+0.4202i	0.1754-0.0663i	0.1580+0.0921i
45.1	0.2395+0.0101i	-0.1764-0.2587i	0.2249-4.8858i	0.0979-0.0504i	-0.0354+0.0302i	-1.3885+0.4965i	0.2026-0.0078i	0.1241+0.0109i
45.2	0.2647-0.0038i	-0.1566-0.2167i	-0.6952-5.7828i	0.1406-0.0855i	-0.0365-0.0155i	-1.2866+0.4208i	0.2330-0.0123i	0.0765+0.0147i
45.3	0.2336-0.0080i	-0.1616-0.1909i	-2.0666-6.0117i	0.1124-0.1492i	-0.0589-0.0224i	-1.2685+0.4466i	0.1918-0.0836i	0.0218+0.0271i
45.4	0.3161-0.0093i	-0.1127-0.1927i	-2.2105-5.3673i	0.1228-0.2057i	-0.0674+0.0090i	-1.0722+0.4977i	0.1670-0.1210i	0.0154+0.0737i
45.5	0.3822-0.0662i	-0.0706-0.2265i	-1.6340-5.3103i	0.1188-0.2086i	-0.1113-0.0321i	-1.1081+0.1212i	0.2276-0.0308i	0.0907+0.1605i
45.6	0.3896-0.1905i	-0.1309-0.2435i	-0.3538-7.8013i	0.1446-0.2539i	-0.1253-0.0538i	-1.4588-0.1018i	0.3116-0.0646i	0.1413+0.1161i
45.7	0.3178-0.2682i	-0.2239-0.1721i	-1.4021-9.5492i	0.1260-0.3227i	-0.1823-0.0696i	-1.8290+0.0894i	0.3282-0.1596i	0.1089+0.0623i
45.8	0.2679-0.2027i	-0.1398-0.0976i	-3.7647-7.6066i	0.0667-0.2794i	-0.2583-0.0247i	-1.8567+0.3516i	0.2861-0.1920i	0.0839+0.0359i
45.9	0.2931-0.1685i	-0.1428-0.0167i	-2.7999-5.7668i	0.0625-0.1910i	-0.2781+0.0201i	-1.7812+0.3578i	0.2396-0.1271i	0.0145+0.0543i
46.0	0.2802-0.1495i	-0.0802+0.0688i	-2.1261-4.9641i	0.0859-0.1395i	-0.2786+0.0767i	-1.7592+0.3644i	0.2459-0.0475i	-0.0142+0.1490i
46.1	0.3026-0.1339i	0.0645+0.0376i	-1.6280-4.0103i	0.1389-0.1685i	-0.2697+0.1448i	-1.8631+0.6033i	0.3513-0.0772i	0.1141+0.2102i
46.2	0.2755-0.2337i	0.2155+0.0087i	-2.3122-5.3025i	0.1151-0.2754i	-0.2293+0.1686i	-1.7801+0.7547i	0.3380-0.2093i	0.1872+0.1450i
46.3	0.2151-0.2549i	0.3495-0.1157i	-2.1742-5.7926i	0.1175-0.2817i	-0.1669+0.1446i	-1.6070+0.8058i	0.3259-0.2481i	0.1639+0.0281i
46.4	0.1535-0.1635i	0.3418-0.2571i	-3.4769-3.4548i	0.0460-0.2236i	-0.1670+0.1420i	-1.5157+0.6565i	0.2368-0.1976i	0.1041+0.0563i
46.5	0.1421-0.2746i	0.2863-0.3547i	-3.6251-7.1553i	0.0531-0.3584i	-0.1609+0.1614i	-1.7117+0.5049i	0.2511-0.3142i	0.1121+0.0805i
46.6	0.1661-0.2489i	0.2713-0.4117i	-3.4452-6.8084i	0.0677-0.3825i	-0.1823+0.1765i	-1.7486+0.7301i	0.2790-0.3587i	0.1139+0.0642i
46.7	0.1212-0.2373i	0.2628-0.4727i	-4.9186-5.8017i	-0.0421-0.4037i	-0.1434+0.2082i	-1.4894+0.7776i	0.1518-0.3944i	0.0986+0.0769i
46.8	0.0846-0.2505i	0.1699-0.5822i	-4.9016-5.8023i	-0.0989-0.3891i	-0.0924+0.1925i	-1.5563+0.5024i	0.0802-0.4044i	0.1187+0.0339i
46.9	0.1187-0.2402i	0.0841-0.5900i	-3.8617-6.3213i	-0.0622-0.3756i	-0.0954+0.1552i	-1.7102+0.5144i	0.0928-0.4073i	0.0823-0.0167i
47.0	0.1704-0.1756i	-0.0009-0.5184i	-2.5329-4.6372i	-0.0441-0.3064i	-0.1595+0.1438i	-1.5104+0.5574i	0.0695-0.3075i	-0.0345+0.0421i
47.1	0.2799-0.2251i	0.0603-0.4702i	0.7820-5.4181i	0.0440-0.3640i	-0.1580+0.2058i	-1.4298+0.3667i	0.1453-0.2678i	-0.0082+0.2544i
47.2	0.1609-0.2534i	0.0675-0.6142i	-1.0156-3.9947i	-0.1067-0.3562i	-0.0662+0.2575i	-1.6202+0.2115i	0.0885-0.2848i	0.1901+0.2538i
47.3	0.0620-0.2648i	0.0172-0.6983i	-3.2179-4.6095i	-0.1625-0.3207i	-0.0479+0.2300i	-2.2114+0.2083i	0.0739-0.3157i	0.2609+0.1370i
47.4	-0.0232-0.2605i	-0.1276-0.6961i	-4.0442-5.2520i	-0.2067-0.3084i	-0.0268+0.1980i	-2.5127+0.6461i	0.0254-0.3889i	0.2724-0.0122i
47.5	-0.0555-0.2417i	-0.1778-0.6319i	-3.7794-5.4566i	-0.2049-0.3057i	-0.0540+0.1848i	-2.4589+0.9111i	-0.0570-0.4465i	0.1467-0.1102i
47.6	-0.0852-0.2095i	-0.1656-0.6298i	-4.8189-5.9232i	-0.2418-0.3032i	-0.1065+0.2280i	-2.3944+1.2055i	-0.1241-0.4472i	0.0717-0.1153i
47.7	-0.0380-0.1770i	-0.2356-0.6187i	-2.9804-5.8380i	-0.2130-0.2862i	-0.0385+0.1923i	-1.9990+1.2664i	-0.1542-0.3797i	0.0227-0.0870i
47.8	-0.1655-0.0602i	-0.2935-0.6011i	-5.8893-3.7808i	-0.2909-0.1926i	-0.0826+0.2048i	-2.4776+1.4022i	-0.2108-0.2832i	0.0006-0.0250i
47.9	-0.0786+0.1071i	-0.3285-0.5750i	-5.0014-0.5588i	-0.2687-0.1099i	-0.0321+0.2417i	-1.9765+1.9825i	-0.2206-0.1806i	0.0094+0.0225i
48.0	-0.0049-0.0013i	-0.3737-0.5302i	-3.6825-3.0818i	-0.2414-0.1794i	-0.0079+0.2471i	-1.6990+2.0264i	-0.2067-0.2128i	0.0204+0.0145i
48.1	-0.1374+0.0563i	-0.3492-0.4511i	-6.8186-1.6455i	-0.3636-0.1193i	0.0718+0.2351i	-1.1610+1.9178i	-0.3343-0.1637i	-0.0275+0.0065i
48.2	-0.0805-0.0528i	-0.3302-0.4582i	-5.2797-5.1851i	-0.3054-0.1891i	0.0121+0.1996i	-1.4773+1.3289i	-0.2628-0.1933i	-0.0370+0.0493i
48.3	-0.1253-0.0588i	-0.3360-0.4393i	-6.0940-5.8557i	-0.3216-0.2174i	0.0375+0.2273i	-1.5445+1.5601i	-0.2631-0.2123i	0.0055+0.0905i
48.4	-0.1467+0.0369i	-0.3364-0.4698i	-7.1676-4.7323i	-0.3943-0.1595i	0.0671+0.1928i	-1.2895+1.5089i	-0.3138-0.2016i	0.0660+0.0140i
48.5	-0.0372+0.1179i	-0.3425-0.4609i	-5.1007-3.2430i	-0.3386-0.0876i	0.0513+0.1715i	-1.2144+1.5566i	-0.2925-0.1413i	0.0482-0.0175i
48.6	-0.0040+0.1149i	-0.3259-0.4166i	-5.2020-3.8166i	-0.3390-0.0574i	0.0510+0.1788i	-1.0328+1.5065i	-0.3069-0.0975i	0.0135-0.0263i
48.7	0.0526+0.0538i	-0.3216-0.4448i	-4.2660-5.1795i	-0.3102-0.0880i	0.0496+0.1485i	-0.9559+1.1314i	-0.2881-0.1043i	-0.0136-0.0237i
48.8	0.0286+0.1095i	-0.3945-0.4654i	-6.5322-2.0710i	-0.3546+0.0378i	0.0403+0.1615i	-1.2580+0.9530i	-0.3312-0.0030i	-0.0286-0.0334i
48.9	0.0095+0.0921i	-0.4042-0.3956i	-5.6060-1.5171i	-0.3247+0.0560i	0.0478+0.1531i	-1.2743+1.1154i	-0.3018+0.0297i	-0.0585-0.0383i
49.0	0.0160+0.0708i	-0.3999-0.3725i	-2.8203-3.8333i	-0.2783+0.0033i	0.0017+0.1499i	-1.2612+1.1731i	-0.2367-0.0046i	-0.0678+0.0055i
49.1	0.0112+0.1662i	-0.3759-0.3458i	-3.3554-4.2621i	-0.2633+0.0347i	0.0311+0.1673i	-1.1940+1.2009i	-0.2342+0.0294i	-0.0668+0.0565i
49.2	0.1458+0.2951i	-0.2887-0.3991i	-3.7466-1.5308i	-0.2071+0.1455i	0.0641+0.1171i	-0.9368+0.8828i	-0.1955+0.1401i	-0.0553+0.0419i
49.3	0.2006+0.2660i	-0.3224-0.4391i	-4.2581-1.6888i	-0.2093+0.1790i	0.0585+0.1146i	-1.0866+0.6589i	-0.1760+0.1714i	-0.0085+0.0282i
49.4	0.1903+0.1629i	-0.3889-0.4375i	-5.2866-2.6699i	-0.2166+0.1441i	0.0408+0.1165i	-1.4989+0.8388i	-0.1681+0.1295i	0.0058-0.0364i
49.5	0.1561+0.0766i	-0.4033-0.3731i	-3.1918-4.1108i	-0.1595+0.0656i	0.0264+0.1335i	-1.4900+1.0061i	-0.1280+0.0365i	-0.0781-0.0819i
49.6	0.1676+0.1975i	-0.3772-0.3872i	-3.6453-3.9275i	-0.1492+0.1084i	0.0750+0.0997i	-1.3252+0.8391i	-0.1403+0.1031i	-0.1049+0.0072i
49.7	0.2763+0.1098i	-0.3981-0.4218i	-4.2171-7.6086i	-0.1215+0.0279i	0.0221+0.0591i	-1.5261+0.6985i	-0.0797+0.0618i	-0.0401-0.0248i

49.8	0.3961+0.0609i	-0.4274-0.4088i	-3.4950-4.5609i	-0.0437+0.0617i	-0.0666+0.0478i	-1.6355+0.7144i	-0.0234+0.0560i	-0.1127-0.0971i
49.9	0.2295+0.0823i	-0.3733-0.3528i	-5.4916-2.3837i	-0.0884+0.1087i	-0.0697+0.1576i	-1.7723+1.0382i	-0.0814+0.0813i	-0.2025-0.0552i
50.0	0.3792+0.2910i	-0.2894-0.4473i	-1.2326+0.0746i	0.0239+0.1598i	0.0151+0.1262i	-1.0830+0.9690i	0.0289+0.1186i	-0.1764+0.0132i
50.1	0.5332+0.2602i	-0.3786-0.4661i	-1.0677+0.2781i	0.0465+0.1876i	-0.0072+0.1121i	-1.1290+0.5900i	0.0403+0.1288i	-0.1715+0.0292i
50.2	0.5009+0.1221i	-0.4790-0.4841i	-3.9994-1.4298i	-0.0302+0.1497i	-0.0008+0.1650i	-1.4027+0.5314i	-0.0180+0.1116i	-0.1552+0.0444i
50.3	0.5343+0.0354i	-0.5241-0.4443i	-2.8891-1.4133i	0.0136+0.1253i	0.0301+0.1671i	-1.6249+0.5184i	0.0015+0.1079i	-0.1545+0.0590i
50.4	0.4935+0.0813i	-0.5343-0.3297i	-2.6509+1.2428i	0.0304+0.2227i	0.0820+0.1756i	-1.5615+0.5893i	0.0155+0.1396i	-0.1521+0.0089i
50.5	0.4480+0.0417i	-0.5493-0.2916i	-3.4634-0.2993i	0.0357+0.1796i	0.0428+0.1532i	-1.6508+0.6481i	0.0413+0.0826i	-0.1648-0.0069i
50.6	0.4868+0.0858i	-0.5587-0.2732i	-4.6538+1.3292i	0.0200+0.1983i	0.0217+0.1535i	-1.4923+0.7144i	0.0428+0.1123i	-0.1528+0.0350i
50.7	0.5867-0.0447i	-0.6100-0.3314i	-3.7305+0.9206i	0.0505+0.1349i	0.0211+0.1507i	-1.6623+0.6391i	0.0817+0.0920i	-0.1006+0.0481i
50.8	0.5025-0.1670i	-0.6416-0.1388i	-3.6385+1.2842i	0.0631+0.1240i	0.0772+0.1170i	-1.7728+0.7583i	0.0775+0.0634i	-0.1584-0.0057i
50.9	0.2971-0.3234i	-0.4997-0.0328i	-4.8844-2.7105i	-0.0413+0.0537i	0.0361+0.1666i	-1.8733+0.3462i	-0.0105+0.0022i	-0.2083+0.0051i
51.0	0.1589-0.1941i	-0.4212-0.1472i	-7.5523-1.9859i	-0.0945+0.1229i	0.0694+0.1814i	-2.1882+0.4544i	-0.0440+0.0460i	-0.2075-0.0078i
51.1	0.1338-0.1942i	-0.5308-0.1523i	-8.3027-0.8532i	-0.0986+0.1472i	0.0902+0.1932i	-2.4673+0.6342i	-0.0463+0.0336i	-0.2226-0.0361i
51.2	-0.0037-0.0959i	-0.4103-0.0169i	-6.1453-0.1769i	-0.0570+0.1047i	0.1381+0.1831i	-2.2527+1.6148i	-0.0343+0.0137i	-0.2496+0.0294i
51.3	0.0497+0.0652i	-0.2004-0.1617i	-5.3758-2.9891i	-0.0931+0.0384i	0.1260+0.1191i	-1.4776+1.5071i	-0.0446-0.0185i	-0.2165+0.0646i
51.4	0.2906+0.1211i	-0.2363-0.3334i	-5.8977-3.5131i	-0.0825+0.0692i	0.0798+0.0780i	-1.2559+0.8240i	-0.0147+0.0158i	-0.1871+0.0577i
51.5	0.6206-0.0134i	-0.4301-0.4244i	-4.6950-1.0556i	0.0436+0.1233i	0.0185+0.1054i	-1.5370+0.1481i	0.1018+0.0296i	-0.1702-0.0033i
51.6	0.7595-0.2627i	-0.5009-0.3877i	-0.6225-0.1688i	0.2218+0.0780i	0.0080+0.1355i	-2.1616-0.0963i	0.2074-0.0455i	-0.2245-0.0381i
51.7	0.6725-0.4567i	-0.5807-0.2989i	0.2329-1.5461i	0.2121-0.0161i	-0.0073+0.1592i	-2.5176+0.1345i	0.2092-0.1343i	-0.2463-0.0112i
51.8	0.3866-0.5403i	-0.5874-0.2261i	-2.8344-3.2913i	0.1034-0.0732i	0.0469+0.1625i	-3.1167+0.4604i	0.0914-0.1762i	-0.3322+0.0156i
51.9	0.3326-0.4176i	-0.4792-0.1390i	-2.1624-2.0439i	0.1240-0.0276i	0.1193+0.1235i	-2.9618+0.7802i	0.0570-0.1422i	-0.3622+0.0213i
52.0	0.3369-0.4149i	-0.4174-0.0678i	-2.2324-0.3549i	0.1391+0.0210i	0.0825+0.0975i	-2.7720+0.8027i	0.0800-0.1800i	-0.3670-0.0418i
52.1	0.0657-0.3503i	-0.3787+0.0220i	-4.9665+0.4598i	0.0335+0.0971i	0.0664+0.1552i	-2.9592+1.0514i	-0.0484-0.1771i	-0.4563+0.0082i
52.2	0.0430-0.2751i	-0.2981-0.0094i	-3.3100-2.7212i	0.0812+0.0156i	0.0942+0.1272i	-2.9741+1.3173i	-0.1134-0.1451i	-0.5166+0.1796i
52.3	0.2736-0.1223i	-0.1941-0.0409i	-2.5066-0.1566i	0.1925+0.0958i	0.0907+0.1134i	-2.7179+1.1308i	-0.0452-0.0423i	-0.4462+0.2258i
52.4	0.3712-0.1359i	-0.1837-0.0743i	-3.5532+1.9189i	0.1986+0.1389i	0.0544+0.1478i	-2.7410+0.9844i	0.0124-0.0180i	-0.4013+0.1852i
52.5	0.1969-0.3473i	-0.1032-0.0161i	-4.8262-0.2633i	0.1074+0.0297i	0.0680+0.2127i	-2.9797+0.9899i	-0.0025-0.0517i	-0.3552+0.3506i
52.6	0.0518-0.4995i	0.0213-0.0948i	-2.7841-3.7401i	0.0595-0.0909i	0.1147+0.2761i	-3.0976+0.6803i	-0.0197-0.1959i	-0.1972+0.2758i
52.7	0.3267-0.1347i	0.0428-0.4210i	-0.7408+1.2052i	0.2365+0.0207i	0.0807+0.1469i	-2.7385+1.2222i	0.1300-0.1465i	-0.1225+0.1676i
52.8	0.6319-0.1551i	-0.0330-0.6112i	-0.5634+2.7694i	0.3431+0.0123i	0.0358+0.1009i	-2.6570+1.0572i	0.1938-0.1621i	-0.1342+0.0983i
52.9	0.4286-0.6044i	-0.1792-0.5491i	-2.3033-0.1075i	0.2181-0.1115i	0.0579+0.2007i	-3.7191+0.5217i	0.0677-0.2940i	-0.2469+0.0151i
53.0	0.1002-0.8177i	-0.2587-0.5637i	-2.6637-4.1531i	0.0704-0.2693i	0.0808+0.2322i	-4.3474+0.8739i	-0.0646-0.3939i	-0.2970+0.0114i
53.1	-0.2793-0.6807i	-0.3546-0.5713i	-7.5478-5.1354i	-0.2029-0.2769i	0.0677+0.1771i	-4.3840+1.8119i	-0.2410-0.3416i	-0.3187+0.0810i
53.2	-0.1247-0.6455i	-0.4021-0.6311i	-4.8983-2.1849i	-0.0649-0.2516i	0.0834+0.1548i	-4.3642+2.1050i	-0.2012-0.3168i	-0.3802+0.0873i
53.3	-0.2053-0.7614i	-0.4190-0.6074i	-2.2538-3.6315i	-0.0908-0.3170i	0.1197+0.2234i	-4.4052+2.0460i	-0.3037-0.3484i	-0.4691+0.0596i
53.4	-0.3569-0.5745i	-0.2855-0.4564i	-3.9023-2.1456i	-0.1514-0.1868i	0.1444+0.2058i	-4.1750+2.3214i	-0.3358-0.2089i	-0.4466+0.1893i
53.5	-0.1845-0.3253i	-0.0277-0.7130i	-3.4477+0.8837i	-0.0186-0.1020i	0.1478+0.1281i	-3.8928+2.2992i	-0.1366-0.0983i	-0.2783+0.2012i
53.6	-0.1649-0.3507i	-0.1369-0.9589i	-4.2655-0.1876i	-0.0800-0.0721i	0.1535+0.1467i	-4.3640+2.0382i	-0.1641-0.1552i	-0.3438+0.0608i
53.7	-0.3169-0.5247i	-0.3254-1.0167i	-3.2256-2.0898i	-0.1666-0.1393i	0.1169+0.2125i	-4.9649+2.1303i	-0.2653-0.2794i	-0.4177-0.0035i
53.8	-0.6160-0.5016i	-0.5199-1.0371i	-5.7788-4.6222i	-0.3626-0.1049i	0.1688+0.2309i	-5.4601+2.7842i	-0.4467-0.2676i	-0.5270+0.0061i
53.9	-0.6467-0.2363i	-0.7032-1.0029i	-7.8691-1.9869i	-0.3343+0.1046i	0.2197+0.1878i	-5.0565+3.7148i	-0.4853-0.0823i	-0.6239+0.1509i
54.0	-0.5759-0.0729i	-0.6091-0.8800i	-6.7666-0.8248i	-0.2572+0.1832i	0.1661+0.1809i	-4.2358+3.5188i	-0.3852+0.0448i	-0.4564+0.2921i
54.1	-0.3844-0.2643i	-0.5410-1.2374i	-4.5381-1.3960i	-0.1774+0.0192i	0.1005+0.2408i	-5.0127+3.0545i	-0.2511-0.1031i	-0.3435+0.0936i
54.2	-0.6111-0.5078i	-0.8498-1.4218i	-3.0067-2.2166i	-0.2274-0.0996i	0.1988+0.3099i	-6.1966+3.7200i	-0.3554-0.2435i	-0.5435-0.0048i
54.3	-0.9180-0.3460i	-1.1786-1.3213i	-3.6767-4.0883i	-0.3854-0.0561i	0.2701+0.2747i	-6.0061+5.0011i	-0.5064-0.1986i	-0.6675+0.0871i
54.4	-0.7888-0.1020i	-1.3135-1.3024i	-3.4532-0.3236i	-0.2366+0.0714i	0.2981+0.2869i	-5.5191+5.8186i	-0.4743-0.1275i	-0.6819+0.1109i
54.5	-0.6742+0.1550i	-1.4288-1.1172i	-4.1441+0.4366i	-0.1667+0.1961i	0.3407+0.2892i	-4.7515+6.1067i	-0.4609-0.0447i	-0.6840+0.1432i
54.6	-0.4619+0.2665i	-1.4266-1.0413i	-6.2807-0.9707i	-0.1762+0.2450i	0.3186+0.2112i	-3.8767+5.9612i	-0.4185+0.0380i	-0.6494+0.1841i
54.7	-0.3381-0.1716i	-1.4426-1.1359i	-3.9076-0.9289i	-0.1697+0.0474i	0.3254+0.2200i	-4.2589+5.3303i	-0.4174-0.0691i	-0.7219+0.1222i
54.8	-0.4364-0.0641i	-1.6247-1.0748i	-5.3478+1.6762i	-0.0784+0.1967i	0.4000+0.2206i	-4.5519+6.0626i	-0.4048+0.0204i	-0.8277+0.1923i
54.9	-0.6128+0.1632i	-1.9396-0.8716i	-5.3631+1.7511i	-0.0395+0.2693i	0.5121+0.1257i	-4.1214+7.4018i	-0.4375+0.1237i	-0.9309+0.3454i
55.0	-0.7027+0.2598i	-2.1000-0.6489i	-4.1620+0.4470i	-0.0763+0.2648i	0.5257+0.0755i	-3.6121+7.8291i	-0.4507+0.1533i	-0.9439+0.4366i
55.1	-0.6132+0.3371i	-2.1395-0.4354i	-3.5204+1.2463i	-0.0217+0.2707i	0.5074+0.0415i	-2.7884+7.7632i	-0.3878+0.1669i	-0.9042+0.4864i
55.2	-0.5010+0.3063i	-2.1868-0.3233i	-2.9996+3.5755i	0.0878+0.1908i	0.5266-0.0285i	-2.2760+7.9001i	-0.3490+0.1573i	-0.9179+0.5670i
55.3	-0.4812+0.2246i	-2.0917-0.1770i	-0.2799+4.2812i	0.0998+0.0668i	0.5464-0.1058i	-1.8297+7.6353i	-0.3504+0.1165i	-0.9104+0.5979i
55.4	-0.4500+0.2776i	-1.9065+0.0549i	1.1461+3.2021i	0.0516+0.0016i	0.4659-0.2198i	-0.9619+7.2975i	-0.2985+0.1277i	-0.8193+0.6991i
55.5	-0.4591+0.4229i	-1.8399-0.0651i	-1.0580-0.0930i	-0.0273+0.1823i	0.4601-0.1848i	-1.1423+6.7267i	-0.3082+0.1607i	-0.8197+0.6507i
55.6	-0.5329+0.4591i	-2.0654-0.0012i	-1.6697-0.7570i	-0.0210+0.2646i	0.4778-0.1832i	-1.6818+6.9189i	-0.3452+0.1625i	-0.8928+0.6826i
55.7	-0.4523+0.6463i	-2.1244+0.3468i	-3.4158+0.6174i	0.0861+0.3233i	0.4284-0.2161i	-0.8391+7.3423i	-0.3097+0.2287i	-0.8273+0.7974i
55.8	-0.3792+0.6603i	-2.0959+0.4552i	-2.9116+2.1004i	0.1222+0.2542i	0.3603-0.2959i	-0.1012+7.4874i	-0.2732+0.2494i	-0.7748+0.8813i
55.9	-0.2825+0.7093i	-1.9056+0.5882i	-2.4910+2.1503i	0.1655+0.2509i	0.3385-0.3198i	0.2126+7.1675i	-0.2216+0.2681i	-0.7201+0.9064i
56.0	-0.1477+0.6385i	-1.5774+0.3157i	-1.5970+2.4914i	0.1508+0.1847i	0.2473-0.3324i	0.4520+6.4381i	-0.1208+0.2131i	-0.6395+0.8339i

56.1	−0.1459+0.5720i	−1.7631+0.1040i	−2.6349+1.7501i	0.1279+0.2190i	0.2510−0.2595i	−0.1575+6.1685i	−0.1484+0.1061i	−0.7099+0.7867i
56.2	−0.3170+0.6333i	−2.1589+0.5113i	−1.0510+0.0113i	0.1046+0.2802i	0.2725−0.2898i	−0.2818+6.6962i	−0.2803+0.1567i	−0.7960+0.9161i
56.3	−0.2805+0.7031i	−2.1365+0.7758i	−1.0713+1.0636i	0.1600+0.2786i	0.2190−0.3516i	0.3842+6.9802i	−0.2482+0.2107i	−0.7087+1.0113i
56.4	−0.1900+0.6850i	−2.0079+0.8759i	−0.6149+3.8003i	0.2281+0.2264i	0.1344−0.3793i	0.8315+6.7393i	−0.1871+0.1929i	−0.6381+1.0309i
56.5	−0.1708+0.7698i	−2.0197+1.0540i	−0.9555+3.5289i	0.2449+0.2229i	0.0740−0.3585i	1.0892+6.8298i	−0.1684+0.2076i	−0.6196+1.0824i
56.6	−0.1645+0.9138i	−1.9764+1.2324i	−2.6726+0.5340i	0.2416+0.3049i	0.0954−0.2933i	1.2609+6.9524i	−0.1731+0.2535i	−0.5893+1.1151i
56.7	−0.1263+0.9200i	−1.7850+1.2855i	−1.6092−0.1120i	0.2309+0.2901i	0.0886−0.2989i	1.4682+6.6897i	−0.1773+0.2444i	−0.5429+1.1220i
56.8	−0.0332+0.9065i	−1.6734+1.4485i	−1.1783+1.3055i	0.2877+0.2419i	0.0428−0.3666i	1.8272+6.4433i	−0.1418+0.2354i	−0.5180+1.1578i
56.9	0.0336+0.9819i	−1.4881+1.4532i	−3.1755−0.1444i	0.3267+0.2671i	0.0592−0.3248i	1.8609+6.2226i	−0.1223+0.2631i	−0.4830+1.1637i
57.0	0.0713+1.0425i	−1.2500+1.4665i	−4.2985−1.8818i	0.3141+0.2788i	0.0148−0.2790i	2.0849+6.0265i	−0.0939+0.2582i	−0.4130+1.1676i
57.1	0.1198+1.0024i	−1.1733+1.3286i	−3.2913−1.2547i	0.2923+0.2346i	−0.0398−0.2759i	2.2348+5.6555i	−0.0778+0.2134i	−0.4091+1.1444i
57.2	0.1639+0.9251i	−1.4223+0.9877i	−3.4761+0.6197i	0.2744+0.2657i	−0.0318−0.2690i	1.8400+5.2311i	−0.0821+0.1636i	−0.4901+1.0716i
57.3	0.2634+0.9384i	−1.6076+1.2679i	−4.7039+2.9572i	0.3966+0.2917i	0.0076−0.2578i	1.5979+5.3002i	−0.0995+0.1584i	−0.5250+1.1291i
57.4	0.2510+0.8912i	−1.4686+1.5667i	−2.5874+1.2220i	0.3995+0.2503i	−0.0886−0.2815i	1.7098+5.4012i	−0.0964+0.1604i	−0.4673+1.2042i
57.5	0.1891+0.9095i	−1.5151+1.8612i	−2.7367+1.5010i	0.4396+0.2565i	−0.0919−0.3298i	1.7325+5.8439i	−0.1043+0.1862i	−0.4799+1.3309i
57.6	0.1704+0.9470i	−1.2959+2.1047i	−1.0852+1.5089i	0.4389+0.2123i	−0.1456−0.3062i	2.0655+5.7560i	−0.1101+0.1786i	−0.4217+1.3954i
57.7	0.1643+1.0120i	−1.1227+2.1821i	0.1343−0.5901i	0.4182+0.2034i	−0.1700−0.2649i	2.1415+5.7105i	−0.1258+0.1686i	−0.3883+1.4148i
57.8	0.2357+1.0141i	−0.8923+2.0639i	−0.1197−0.1635i	0.4564+0.1871i	−0.1326−0.2481i	2.0843+5.4349i	−0.1192+0.1621i	−0.3458+1.3731i
57.9	0.2843+1.0224i	−0.7075+2.0617i	−0.0707+0.6212i	0.4896+0.1684i	−0.1644−0.2004i	2.1164+5.1460i	−0.1074+0.1396i	−0.3275+1.3706i
58.0	0.3575+1.0577i	−0.4883+2.0580i	−0.8844+0.8835i	0.4981+0.1383i	−0.2242−0.1673i	2.4681+5.1459i	−0.0861+0.1275i	−0.2266+1.4242i
58.1	0.4880+1.0204i	−0.2670+1.9167i	−2.6347+3.5191i	0.5430+0.1159i	−0.2249−0.1537i	2.8232+4.8106i	−0.0669+0.1156i	−0.1338+1.3962i
58.2	0.5016+0.9925i	−0.1932+1.7484i	−2.5433+3.3850i	0.5401+0.1261i	−0.1698−0.1600i	2.6017+4.4190i	−0.0670+0.0919i	−0.1027+1.2721i
58.3	0.4440+1.0093i	−0.5253+1.7757i	−1.5555+3.2490i	0.5588+0.1254i	−0.2148−0.1519i	2.0689+4.5803i	−0.1018+0.0564i	−0.2879+1.2308i
58.4	0.5286+1.0568i	−0.3426+1.9785i	−1.1002+4.3251i	0.6174+0.0880i	−0.1969−0.1499i	2.2768+4.8574i	−0.1252+0.0928i	−0.3298+1.4156i
58.5	0.5849+1.1036i	−0.0310+1.9106i	−1.6600+3.0035i	0.6274+0.0776i	−0.2010−0.0923i	2.5246+4.7265i	−0.1093+0.0990i	−0.2392+1.4805i
58.6	0.6372+1.1794i	0.1824+1.9357i	−1.8119+2.4945i	0.6254+0.0689i	−0.2483+0.0009i	2.8427+4.6429i	−0.1125+0.0864i	−0.1402+1.5573i
58.7	0.6422+1.1949i	0.1816+2.0032i	−0.0482+2.4020i	0.6346+0.0460i	−0.3004−0.0452i	2.8060+4.6919i	−0.1107+0.0782i	−0.1427+1.6187i
58.8	0.6934+1.1789i	0.2362+1.9454i	−0.1992+2.0037i	0.6627+0.0064i	−0.2867−0.0583i	2.7516+4.5596i	−0.1059+0.0742i	−0.1385+1.6378i
58.9	0.7782+1.2526i	0.2825+1.8729i	−2.8607+1.6870i	0.7066+0.0227i	−0.2402−0.0140i	2.7027+4.4610i	−0.1056+0.0682i	−0.1130+1.6366i
59.0	0.8276+1.2668i	0.5205+1.8532i	−1.7205+0.5253i	0.6948−0.0098i	−0.2331+0.0376i	2.7130+4.3116i	−0.1156+0.0497i	−0.0052+1.6496i
59.1	0.8799+1.2387i	0.6499+1.8988i	−0.5457+1.6899i	0.6889−0.0371i	−0.2027+0.0272i	2.7036+4.3196i	−0.1427+0.0335i	0.0424+1.6645i
59.2	0.9600+1.2143i	0.7390+1.8591i	0.6200+2.5736i	0.7105−0.0788i	−0.2692+0.0287i	2.7492+4.2563i	−0.1689+0.0439i	0.0414+1.7145i
59.3	1.0227+1.2393i	0.8314+1.7836i	−0.9099+2.9387i	0.7550−0.0821i	−0.2748+0.0721i	2.6950+4.2934i	−0.1772+0.0360i	0.0273+1.7214i
59.4	1.1180+1.2434i	0.9753+1.5317i	−2.6780+2.5917i	0.7674−0.1097i	−0.2587+0.0931i	2.8448+4.3368i	−0.1766+0.0284i	0.1031+1.7436i
59.5	1.1643+1.2353i	1.0421+1.3654i	−1.9900+0.8494i	0.7409−0.1290i	−0.2150+0.1151i	2.8138+4.4204i	−0.1921+0.0252i	0.1961+1.7436i
59.6	1.2723+1.1679i	1.0241+1.2706i	−3.4848+2.6267i	0.7841−0.1810i	−0.1826+0.0968i	2.9637+4.3290i	−0.2103+0.0338i	0.1801+1.7283i
59.7	1.2783+1.1888i	0.9882+1.2075i	−1.8054+2.5116i	0.7727−0.2101i	−0.2080+0.1121i	2.8392+4.5410i	−0.2404+0.0230i	0.2124+1.8129i
59.8	1.2945+1.2397i	0.9964+1.1510i	0.8698+0.1233i	0.7926−0.2235i	−0.2131+0.1716i	2.5932+4.4979i	−0.2621+0.0293i	0.1508+1.9150i
59.9	1.3701+1.2696i	1.0423+0.9786i	0.3002−0.6416i	0.7771−0.2339i	−0.2404+0.2655i	2.7112+4.3416i	−0.2823+0.0233i	0.2468+1.9252i
60.0	1.4428+1.2195i	1.0622+0.8765i	−0.2277−2.5032i	0.7415−0.2662i	−0.1603+0.3027i	2.8634+4.2051i	−0.3019+0.0443i	0.3416+1.9095i
60.1	1.5765+1.1438i	1.0749+0.8013i	−1.1471+1.5492i	0.7743−0.3294i	−0.0995+0.2947i	3.0221+4.0470i	−0.3289+0.0495i	0.4486+1.9461i
60.2	1.6087+1.1938i	1.1225+0.8619i	−0.1868+1.6959i	0.7900−0.3510i	−0.1531+0.3198i	3.0136+4.0930i	−0.3477+0.0357i	0.4702+2.0686i
60.3	1.6827+1.2193i	1.1867+0.8979i	0.0534+0.9159i	0.7984−0.3612i	−0.1200+0.2949i	2.9752+4.2581i	−0.3756+0.0542i	0.5157+2.1242i
60.4	1.8023+1.1549i	1.2465+0.8621i	−1.2802+1.8172i	0.8127−0.3733i	−0.0617+0.2409i	3.0202+4.2472i	−0.3795+0.0707i	0.6283+2.0715i
60.5	1.8984+1.1361i	1.4242+0.7522i	−2.3753+0.7521i	0.8046−0.3926i	−0.1107+0.2588i	3.2529+4.2923i	−0.3824+0.0801i	0.7540+2.0783i
60.6	1.9936+1.0893i	1.5118+0.5713i	−2.3074+3.1967i	0.8272−0.4055i	−0.1288+0.3022i	3.1961+4.1077i	−0.3972+0.0795i	0.8381+2.0658i
60.7	2.0696+1.0477i	1.6392+0.4217i	−0.7583+3.4367i	0.8488−0.4561i	−0.1559+0.3569i	3.4274+4.1513i	−0.3974+0.1023i	0.9052+2.1179i
60.8	2.1089+0.9954i	1.6312+0.2581i	0.4981+0.6964i	0.8150−0.4954i	−0.1224+0.3919i	3.4815+4.2245i	−0.4292+0.1086i	1.0098+2.0806i
60.9	2.1394+0.9560i	1.6652+0.1342i	1.8675+0.1941i	0.8227−0.5357i	−0.0806+0.3867i	3.4816+4.1941i	−0.4269+0.1158i	1.0360+2.0798i
61.0	2.2566+0.9115i	1.6997+0.0746i	2.5257+1.5907i	0.8560−0.5729i	−0.0317+0.4058i	3.4997+4.1819i	−0.4437+0.1452i	1.1232+2.1272i
61.1	2.3908+0.8715i	1.7333−0.1503i	0.4051+0.2755i	0.8366−0.6054i	0.0475+0.4541i	3.6876+4.1552i	−0.4628+0.1469i	1.3173+2.1071i
61.2	2.4055+0.8116i	1.6801−0.2903i	1.5525+0.5310i	0.8191−0.6183i	0.0941+0.4126i	3.5576+4.0370i	−0.4738+0.1486i	1.3602+2.0077i
61.3	2.4519+0.7610i	1.6745−0.4384i	3.4926+0.7589i	0.8282−0.6311i	0.1366+0.3188i	3.5407+4.0746i	−0.4880+0.1516i	1.3759+1.9190i
61.4	2.5956+0.6738i	1.6398−0.7112i	1.9099+1.1187i	0.8351−0.6778i	0.1095+0.3865i	3.8574+3.9604i	−0.5339+0.1756i	1.4703+1.8912i
61.5	2.7445+0.6803i	1.6290−0.9814i	1.7740−0.2171i	0.8572−0.7329i	0.0806+0.4820i	4.0426+3.9344i	−0.5612+0.1933i	1.5886+1.9980i
61.6	2.8014+0.5934i	1.4468−1.1320i	3.0126−0.4970i	0.8634−0.7602i	0.1325+0.4794i	3.8124+3.8058i	−0.5645+0.2145i	1.6590+1.9280i
61.7	2.9370+0.4620i	1.2305−1.3077i	2.7425−1.8803i	0.8525−0.8078i	0.2285+0.4737i	3.8734+3.7216i	−0.5767+0.2660i	1.7693+1.8761i
61.8	3.0801+0.3548i	1.1507−1.4971i	0.6356−3.0230i	0.8525−0.8610i	0.3008+0.5045i	4.1396+3.7611i	−0.5789+0.3302i	1.9126+1.8606i
61.9	3.1182+0.2578i	1.0168−1.5232i	1.4224−0.6506i	0.8684−0.9042i	0.3266+0.5236i	4.1467+3.6868i	−0.5681+0.3580i	1.9452+1.8339i
62.0	3.2128+0.1287i	0.9263−1.6991i	2.8599−1.1626i	0.8751−0.9895i	0.3100+0.5723i	4.1861+3.6322i	−0.5868+0.4014i	2.0053+1.8571i
62.1	3.2229+0.0022i	0.7208−1.7346i	3.8181−1.4675i	0.8507−1.0223i	0.3359+0.5047i	4.2030+3.5057i	−0.5844+0.3944i	2.0611+1.7253i
62.2	3.3790−0.1356i	0.4705−1.8099i	3.1482−3.2325i	0.8410−1.0826i	0.4677+0.4814i	4.2463+3.5313i	−0.5890+0.4135i	2.2670+1.6633i
62.3	3.4580−0.3119i	0.2533−1.7895i	−0.5918−4.8430i	0.8078−1.1227i	0.5329+0.4593i	4.1866+3.6343i	−0.5794+0.4668i	2.4082+1.5725i

62.4	3.4722-0.4744i	0.1587-1.8590i	-1.3971-3.6991i	0.7740-1.1720i	0.5640+0.4344i	4.4267+3.4309i	-0.5318+0.4986i	2.4987+1.4859i
62.5	3.5329-0.6432i	-0.0715-2.0292i	3.2481-2.4700i	0.7532-1.2837i	0.6202+0.4463i	4.4889+3.2374i	-0.5510+0.5308i	2.5850+1.4837i
62.6	3.6799-0.7634i	-0.2160-2.1729i	4.8847-4.0067i	0.7670-1.4000i	0.6520+0.5011i	4.5367+3.4067i	-0.5826+0.5582i	2.7390+1.5105i
62.7	3.6987-0.9466i	-0.3360-2.1531i	5.6855-4.7854i	0.7246-1.4685i	0.7358+0.4988i	4.5280+3.5410i	-0.5847+0.6092i	2.8503+1.4120i
62.8	3.5310-1.1067i	-0.4006-1.9101i	3.2324-2.5155i	0.6703-1.4404i	0.7365+0.3506i	4.6567+3.4710i	-0.5273+0.6299i	2.7436+1.1791i
62.9	3.5223-1.3514i	-0.6570-1.8554i	-1.4502-6.2963i	0.5837-1.4774i	0.7461+0.2322i	4.9399+3.3876i	-0.4894+0.6738i	2.8221+0.9356i
63.0	3.5688-1.6498i	-0.9429-1.8423i	-3.7140-5.1484i	0.5296-1.5789i	0.8394+0.1748i	5.1090+3.2691i	-0.4566+0.7060i	2.9679+0.7425i
63.1	3.5630-1.8234i	-1.1440-1.9827i	2.6160-5.1696i	0.4694-1.7466i	0.9160+0.2351i	5.0958+3.3060i	-0.4711+0.7379i	3.1165+0.7862i
63.2	3.4676-2.0247i	-1.4820-1.7238i	-1.7257-8.0027i	0.3476-1.6976i	1.0733+0.0516i	5.2437+3.2411i	-0.4059+0.7342i	3.1862+0.3764i
63.3	3.4326-2.2420i	-1.5926-1.7104i	-2.5047-8.5095i	0.3112-1.7933i	1.0252-0.0306i	5.4073+3.2225i	-0.3771+0.7495i	3.1983+0.3015i
63.4	3.3019-2.4314i	-1.7511-1.6445i	-1.7292-5.7566i	0.2311-1.8431i	1.0772-0.0727i	5.4089+2.9877i	-0.3333+0.7509i	3.2556+0.1424i
63.5	3.3023-2.5586i	-1.8938-1.5352i	-2.4513-4.3147i	0.1952-1.9008i	1.0539-0.1336i	5.6258+2.9295i	-0.3398+0.7655i	3.2827+0.0863i
63.6	3.1875-2.6306i	-1.9228-1.3564i	-2.6234-3.3860i	0.1490-1.9021i	1.0251-0.1922i	5.4933+2.9070i	-0.3453+0.7599i	3.1996-0.0095i
63.7	3.1417-2.8973i	-2.1956-1.2427i	-2.5007-5.2736i	0.0104-1.9796i	1.1156-0.2863i	5.6224+2.8486i	-0.3253+0.7764i	3.3898-0.2833i
63.8	3.0262-3.0052i	-2.2990-1.2232i	0.3919-2.4106i	-0.0671-2.0452i	1.1222-0.3530i	5.8218+2.6368i	-0.3016+0.7854i	3.3623-0.3695i
63.9	2.8453-3.1696i	-2.4672-0.8993i	0.7907-4.6544i	-0.2059-2.0518i	1.1361-0.5250i	5.9027+2.6541i	-0.2889+0.7725i	3.3067-0.6838i
64.0	2.7697-3.3904i	-2.5347-0.6082i	-1.0385-3.9988i	-0.3168-2.0794i	1.0962-0.6496i	6.1966+2.4667i	-0.2624+0.7932i	3.3448-0.9037i
64.1	2.5854-3.5041i	-2.5694-0.4509i	-2.2676-3.0309i	-0.4113-2.0555i	1.0623-0.7267i	6.2652+2.2546i	-0.2419+0.7820i	3.2978-1.1157i
64.2	2.3319-3.5382i	-2.4029-0.2297i	-5.9305-2.3811i	-0.4874-1.9849i	0.8724-0.8761i	6.3286+1.9835i	-0.2130+0.7344i	3.0009-1.2962i
64.3	2.0548-3.6486i	-2.2916-0.0615i	-4.5939-4.4531i	-0.6494-1.9482i	0.7362-0.9779i	6.4337+1.7626i	-0.2066+0.7367i	2.7472-1.5547i
64.4	1.9029-3.8101i	-2.2775+0.0076i	-1.1351-0.7343i	-0.7378-2.0208i	0.6411-1.0650i	6.5931+1.5612i	-0.2393+0.7326i	2.5895-1.6882i
64.5	1.6988-3.7976i	-2.2953+0.1090i	-2.1480-2.0543i	-0.8480-1.9583i	0.5859-1.1059i	6.5984+1.4950i	-0.2433+0.7146i	2.4347-1.8449i
64.6	1.6176-3.8548i	-2.4474+0.2725i	-2.4883-8.1291i	-0.9890-1.9040i	0.5643-1.1974i	6.6161+1.4301i	-0.2625+0.7114i	2.4164-2.0249i
64.7	1.4670-3.8168i	-2.5089+0.5401i	-4.2933-11.6182i	-1.1164-1.7855i	0.4815-1.3324i	6.6652+1.2572i	-0.3213+0.6926i	2.1976-2.1637i
64.8	1.3514-3.7617i	-2.5077+0.6111i	-1.4796-7.2682i	-1.1686-1.7426i	0.4360-1.3166i	6.8036+1.0211i	-0.3400+0.7021i	2.0277-2.2103i
64.9	1.1747-3.7114i	-2.3927+0.7288i	-0.2479-6.9787i	-1.2262-1.6632i	0.2781-1.3332i	6.6903+0.6993i	-0.3686+0.7092i	1.7546-2.2078i
65.0	1.0022-3.7682i	-2.3000+0.9280i	-3.0279-8.5698i	-1.3414-1.5653i	0.0703-1.3683i	6.8779+0.4067i	-0.4063+0.7880i	1.4484-2.1958i
65.1	0.9977-3.8395i	-2.3036+1.0766i	-4.9306-5.7525i	-1.3760-1.5206i	-0.0180-1.3640i	6.9715+0.1127i	-0.4447+0.8391i	1.3742-2.2132i
65.2	0.9086-3.9086i	-2.2634+1.1736i	-7.3412-7.5989i	-1.4538-1.4507i	-0.0703-1.3089i	6.9764-0.0385i	-0.4152+0.9009i	1.3567-2.2978i
65.3	0.8410-3.8904i	-2.2498+1.2699i	-2.3022-10.8042i	-1.5484-1.3895i	-0.0460-1.2843i	6.7042-0.0172i	-0.4397+0.9468i	1.3537-2.3132i
65.4	0.7627-3.7553i	-2.2283+1.2803i	2.6508-9.1990i	-1.5630-1.3135i	-0.0690-1.2518i	6.4632-0.1552i	-0.4446+0.9983i	1.2419-2.1217i
65.5	0.5315-3.7933i	-2.0163+1.3840i	-1.9413-4.2308i	-1.5639-1.1776i	-0.2565-1.2095i	6.5557-0.5984i	-0.3956+1.1077i	0.9839-2.0608i
65.6	0.3738-3.8478i	-1.8102+1.5177i	-5.6928-5.9250i	-1.5875-1.0574i	-0.4183-1.1911i	6.6150-0.8306i	-0.3477+1.2086i	0.7486-2.0908i
65.7	0.3506-3.7809i	-1.7152+1.6152i	-9.0986-6.9911i	-1.5484-0.9360i	-0.4911-1.1745i	6.5305-0.9342i	-0.3318+1.2195i	0.5917-2.1002i
65.8	0.2633-3.8960i	-1.5902+1.7755i	-6.0956-9.3212i	-1.5777-0.8682i	-0.6212-1.1948i	6.3449-1.2951i	-0.2973+1.2988i	0.4616-2.1117i
65.9	0.2888-3.9444i	-1.5218+1.8097i	-4.8923-9.0917i	-1.5564-0.8657i	-0.6913-1.2038i	6.3384-1.3601i	-0.2769+1.3339i	0.3752-2.0779i
66.0	0.1694-4.0235i	-1.3906+1.9214i	-7.2497-9.2270i	-1.5300-0.7720i	-0.7613-1.1178i	6.1229-1.6182i	-0.2186+1.4159i	0.1901-2.0405i
66.1	0.0114-4.1774i	-1.3165+1.9890i	-1.2150-8.7352i	-1.5782-0.7885i	-0.8332-1.0331i	5.9150-1.8195i	-0.1443+1.5042i	0.1185-1.9799i
66.2	-0.2526-4.3067i	-1.1850+2.0396i	-2.3769-8.6337i	-1.6260-0.7395i	-0.8863-0.9801i	5.8271-2.0778i	-0.0334+1.5500i	-0.0074-1.9783i
66.3	-0.5823-4.3437i	-0.9881+2.0625i	-5.0329-5.9860i	-1.6279-0.6716i	-1.0087-0.8885i	5.5420-2.4188i	0.0979+1.5882i	-0.1645-1.7739i
66.4	-0.7437-4.3241i	-0.8401+2.0494i	-3.8363-9.3589i	-1.6362-0.6250i	-1.0434-0.8287i	5.2863-2.4131i	0.1752+1.6185i	-0.1866-1.6934i
66.5	-0.9531-4.3318i	-0.7211+2.0113i	-3.4825-9.4227i	-1.6578-0.5875i	-1.0640-0.7895i	5.1507-2.3577i	0.2726+1.6493i	-0.2161-1.6493i
66.6	-1.0544-4.2201i	-0.6156+1.9545i	-4.7246-8.7697i	-1.6201-0.5449i	-1.0987-0.7299i	5.0014-2.3155i	0.3201+1.6266i	-0.2673-1.5640i
66.7	-1.3096-4.0976i	-0.4431+1.8687i	-10.2093-7.7507i	-1.6303-0.4506i	-1.1689-0.6236i	4.9383-2.4054i	0.4529+1.5867i	-0.3142-1.4986i
66.8	-1.6422-4.0812i	-0.2499+1.8228i	-12.6248-11.5997i	-1.6929-0.3815i	-1.2595-0.5391i	4.7828-2.4619i	0.5757+1.6141i	-0.4389-1.4716i
66.9	-1.7997-3.9591i	-0.2051+1.7056i	-14.6464-11.6456i	-1.6828-0.3272i	-1.3139-0.4506i	4.5968-2.4735i	0.6531+1.5784i	-0.5042-1.3497i
67.0	-1.9532-3.7811i	-0.1971+1.5805i	-5.1686-13.7313i	-1.6987-0.2835i	-1.3405-0.4174i	4.2327-2.3354i	0.7020+1.5233i	-0.5904-1.3296i
67.1	-2.2122-3.6228i	-0.1206+1.4288i	-2.1171-7.3375i	-1.7007-0.2237i	-1.3412-0.2847i	3.9214-2.5515i	0.8127+1.4755i	-0.6417-1.2339i
67.2	-2.2586-3.4898i	-0.1498+1.3774i	-9.4299-9.7614i	-1.6732-0.1287i	-1.3958-0.1804i	4.0201-2.5312i	0.8792+1.4145i	-0.6768-1.1752i
67.3	-2.4064-3.3684i	-0.1930+1.2911i	-15.2835-5.0198i	-1.6572-0.0395i	-1.4069-0.0667i	4.0441-2.6805i	0.9636+1.3303i	-0.7176-1.1393i
67.4	-2.6073-3.0753i	-0.2611+1.1906i	-12.0648-1.7524i	-1.6598+0.0484i	-1.3796+0.0990i	3.7446-2.7344i	1.0536+1.2286i	-0.7413-0.9908i
67.5	-2.6347-2.9075i	-0.2979+1.1461i	-11.9071-4.6098i	-1.6253+0.1022i	-1.3915+0.2090i	3.6203-2.6080i	1.0822+1.1680i	-0.7731-0.8856i
67.6	-2.6813-2.7049i	-0.3964+1.1060i	-13.7920-1.2251i	-1.5728+0.1583i	-1.3563+0.3379i	3.5465-2.6169i	1.1178+1.0824i	-0.7657-0.7562i
67.7	-2.9232-2.4579i	-0.4763+1.0444i	-14.7019-0.8976i	-1.5811+0.2496i	-1.3447+0.5027i	3.3377-2.6544i	1.2236+1.0058i	-0.8571-0.6268i
67.8	-3.0120-2.4462i	-0.5157+1.0902i	-16.0651-2.6637i	-1.5929+0.2765i	-1.3533+0.6005i	3.3739-2.5737i	1.2563+1.0104i	-0.9130-0.5618i
67.9	-3.0404-2.3098i	-0.5575+1.1350i	-17.3648-3.9713i	-1.5631+0.3285i	-1.3046+0.7058i	3.3565-2.4765i	1.2766+0.9648i	-0.9609-0.4385i
68.0	-3.1184-2.0239i	-0.7076+1.2558i	-18.0336-6.4658i	-1.5719+0.4465i	-1.2030+0.8555i	3.3721-2.5046i	1.3529+0.8514i	-0.9114-0.3039i
68.1	-3.0551-1.8233i	-0.7100+1.3499i	-16.2874-4.5937i	-1.4825+0.4877i	-1.0849+0.9668i	3.1854-2.4403i	1.3273+0.7723i	-0.8522-0.1687i
68.2	-3.0549-1.6503i	-0.6556+1.4650i	-19.3646-1.4935i	-1.4052+0.5625i	-0.9592+1.0760i	3.1462-2.5338i	1.3446+0.7110i	-0.7606-0.0933i
68.3	-3.1910-1.5398i	-0.6249+1.6166i	-15.3077+1.6222i	-1.4193+0.6036i	-0.8367+1.1411i	3.1316-2.6806i	1.4223+0.6468i	-0.7047-0.0779i
68.4	-3.1345-1.3160i	-0.5718+1.6460i	-13.1533+8.4512i	-1.3240+0.6328i	-0.6672+1.1646i	2.9938-2.7077i	1.3924+0.5132i	-0.6311+0.0240i
68.5	-3.0263-1.0909i	-0.4311+1.7458i	-13.0909+7.4171i	-1.2346+0.7185i	-0.5758+1.1934i	2.9054-2.7485i	1.3614+0.3730i	-0.6053+0.0799i
68.6	-2.9851-1.0441i	-0.3427+1.8354i	-13.4729+5.3715i	-1.2018+0.7321i	-0.4882+1.2228i	2.8807-2.7819i	1.3413+0.3291i	-0.5642+0.0705i

68.7	-2.9953-0.8399i	-0.2525+1.8323i	-14.8843+7.6208i	-1.1451+0.7557i	-0.3586+1.2444i	2.7059-2.7602i	1.3269+0.2134i	-0.4874+0.1469i
68.8	-2.8928-0.6578i	-0.1375+1.8177i	-16.0764+10.5127i	-1.0594+0.7740i	-0.2186+1.2239i	2.6188-2.7188i	1.2532+0.1223i	-0.3914+0.2035i
68.9	-2.8717-0.5586i	0.0008+1.7367i	-13.6000+5.7128i	-1.0209+0.7667i	-0.1422+1.1981i	2.4958-2.6951i	1.2308+0.0764i	-0.3495+0.2151i
69.0	-2.7485-0.4119i	0.0444+1.7258i	-14.8515+6.1256i	-0.9516+0.8006i	-0.0412+1.1854i	2.4656-2.7411i	1.1630+0.0010i	-0.2592+0.2307i
69.1	-2.6393-0.2139i	0.1192+1.6674i	-11.9994+11.8835i	-0.8591+0.8205i	0.0855+1.1268i	2.3168-2.7664i	1.0819-0.0840i	-0.1901+0.2840i
69.2	-2.5581-0.1271i	0.2739+1.6646i	-11.9457+9.6023i	-0.7923+0.8372i	0.1559+1.0822i	2.2308-2.7371i	1.0285-0.0948i	-0.1827+0.2744i
69.3	-2.3340-0.0915i	0.3157+1.6447i	-12.2135+8.3693i	-0.7077+0.8348i	0.2043+0.9954i	2.0572-2.6430i	0.9121-0.0954i	-0.1752+0.2349i
69.4	-2.2359-0.0396i	0.4230+1.6274i	-12.6220+10.1251i	-0.6506+0.8241i	0.2599+0.9405i	1.9484-2.7296i	0.8469-0.1228i	-0.1621+0.2314i
69.5	-2.1732+0.0532i	0.5289+1.4919i	-12.9430+11.0774i	-0.5760+0.8006i	0.3025+0.9165i	1.6910-2.6923i	0.7736-0.1424i	-0.1533+0.2337i
69.6	-2.1397+0.0651i	0.5231+1.3347i	-11.3758+13.1662i	-0.5490+0.7520i	0.3558+0.9130i	1.6349-2.6234i	0.7416-0.1284i	-0.0617+0.2531i
69.7	-2.0306+0.1860i	0.4954+1.2613i	-9.8910+11.2648i	-0.5041+0.7772i	0.4083+0.8537i	1.5359-2.4637i	0.6911-0.1399i	-0.0416+0.2752i
69.8	-1.9246+0.2488i	0.4982+1.2207i	-8.9063+11.5038i	-0.4510+0.7782i	0.4807+0.7848i	1.4185-2.4184i	0.6569-0.1630i	-0.0217+0.2227i
69.9	-1.8883+0.1922i	0.4488+1.1849i	-9.1203+12.2130i	-0.4358+0.7061i	0.4693+0.7443i	1.4827-2.3257i	0.6567-0.1339i	0.0552+0.2146i
70.0	-1.7284+0.2288i	0.4400+1.2098i	-9.4980+14.3222i	-0.3646+0.6867i	0.5109+0.6748i	1.4306-2.2663i	0.5870-0.1273i	0.0725+0.1986i
70.1	-1.6780+0.2940i	0.4660+1.1662i	-9.0568+13.3555i	-0.3544+0.6895i	0.5334+0.6174i	1.3412-2.1468i	0.5658-0.1412i	0.0087+0.1846i
70.2	-1.5543+0.2833i	0.4783+1.0950i	-8.6127+14.1788i	-0.3011+0.6276i	0.4878+0.5693i	1.2784-2.0034i	0.5172-0.1245i	0.0011+0.2221i
70.3	-1.4438+0.2170i	0.5053+1.0712i	-7.2395+13.8695i	-0.2520+0.5677i	0.5080+0.5497i	1.2123-1.9380i	0.4558-0.0851i	0.0365+0.2065i
70.4	-1.4194+0.2842i	0.4970+1.0533i	-5.1423+12.9733i	-0.2503+0.5810i	0.5354+0.5321i	1.2315-1.9044i	0.4273-0.1164i	0.0469+0.1757i
70.5	-1.2947+0.2393i	0.5719+1.0215i	-4.6703+13.7855i	-0.1973+0.5383i	0.5796+0.4987i	1.1773-1.8536i	0.3704-0.0901i	0.0198+0.1962i
70.6	-1.2159+0.1463i	0.5474+0.9981i	-7.1736+13.7719i	-0.1719+0.4722i	0.5844+0.4897i	1.2073-1.7552i	0.3294-0.0396i	0.0477+0.2133i
70.7	-1.2067+0.1390i	0.5215+0.9533i	-6.6063+13.6753i	-0.1812+0.4312i	0.5797+0.4761i	1.2717-1.6636i	0.3170-0.0086i	0.0929+0.2355i
70.8	-1.2069+0.1173i	0.5124+0.9165i	-4.6877+13.8002i	-0.1996+0.4151i	0.6418+0.4409i	1.2412-1.6438i	0.2930+0.0061i	0.0741+0.2112i
70.9	-1.1789+0.1061i	0.5045+0.8672i	-4.5915+14.2619i	-0.2112+0.4001i	0.6426+0.3926i	1.2334-1.5793i	0.2655+0.0186i	0.0647+0.2066i
71.0	-1.1287+0.0792i	0.4645+0.8098i	-3.5814+15.5532i	-0.2045+0.3754i	0.6694+0.3497i	1.2620-1.5699i	0.2426+0.0379i	0.0849+0.2085i
71.1	-1.1665+0.0691i	0.4264+0.7552i	-3.2222+14.4252i	-0.2254+0.3618i	0.6584+0.3434i	1.3103-1.5163i	0.2784+0.0685i	0.1047+0.2346i
71.2	-1.2073+0.0538i	0.4284+0.7342i	-4.0285+14.4587i	-0.2580+0.3669i	0.6826+0.3307i	1.3766-1.5105i	0.2787+0.0918i	0.1088+0.2453i
71.3	-1.1914+0.0504i	0.3950+0.7185i	-3.3775+15.0363i	-0.2746+0.3686i	0.7187+0.2842i	1.4242-1.5321i	0.2625+0.1072i	0.1453+0.2347i
71.4	-1.1887+0.0694i	0.3847+0.7250i	-2.4816+14.2635i	-0.2920+0.3766i	0.7496+0.2535i	1.4408-1.5517i	0.2560+0.1035i	0.1725+0.1922i
71.5	-1.1188+0.1379i	0.3354+0.7395i	-1.3321+13.6793i	-0.2515+0.4155i	0.7745+0.2286i	1.3892-1.6255i	0.2044+0.1144i	0.1731+0.1905i
71.6	-1.0515+0.1314i	0.2901+0.7312i	-1.4984+13.4337i	-0.1926+0.4250i	0.7718+0.1562i	1.3570-1.5797i	0.1553+0.1610i	0.1457+0.2318i
71.7	-1.0938+0.1106i	0.2875+0.7248i	-1.0451+13.8628i	-0.1794+0.4051i	0.8251+0.1167i	1.3414-1.5805i	0.1655+0.2162i	0.1736+0.2557i
71.8	-1.1086+0.1716i	0.2828+0.7443i	0.2798+15.1254i	-0.1588+0.4126i	0.8375+0.0453i	1.2941-1.6908i	0.1915+0.2272i	0.2076+0.2168i
71.9	-1.0363+0.1842i	0.2584+0.7548i	-0.3497+16.2772i	-0.1371+0.4149i	0.8324+0.0015i	1.2738-1.7005i	0.1630+0.2247i	0.2101+0.1611i
72.0	-1.0023+0.1826i	0.2634+0.7501i	0.0919+14.4545i	-0.1104+0.4118i	0.8236-0.0314i	1.2108-1.6921i	0.1573+0.2566i	0.1981+0.1710i
72.1	-0.9473+0.1506i	0.2592+0.7713i	0.6054+14.1734i	-0.0735+0.3554i	0.7934-0.0828i	1.1195-1.6388i	0.1676+0.3068i	0.1874+0.1958i
72.2	-0.9328+0.2447i	0.2084+0.7565i	0.4581+13.5851i	-0.0539+0.3608i	0.7805-0.1352i	1.1462-1.6450i	0.2057+0.2956i	0.2032+0.2160i
72.3	-0.9755+0.2048i	0.1854+0.7604i	1.5427+13.8863i	-0.0450+0.3068i	0.7998-0.1521i	1.1290-1.6053i	0.2268+0.3405i	0.2265+0.2167i
72.4	-0.9544+0.2168i	0.1794+0.8028i	2.1162+14.3432i	-0.0522+0.2925i	0.8000-0.2028i	1.1464-1.6165i	0.2299+0.3767i	0.2320+0.1857i
72.5	-0.8937+0.2272i	0.1522+0.8195i	2.0759+14.3561i	-0.0338+0.2768i	0.8097-0.2626i	1.1227-1.5887i	0.2213+0.3981i	0.2457+0.1762i
72.6	-0.8880+0.3053i	0.1992+0.8106i	3.9778+13.6176i	-0.0125+0.3038i	0.7890-0.3388i	0.9622-1.6837i	0.2627+0.3703i	0.2237+0.1474i
72.7	-0.8395+0.1898i	0.2088+0.8715i	3.5531+12.9999i	0.0011+0.2090i	0.7199-0.3809i	0.9771-1.6084i	0.2764+0.4440i	0.2402+0.2141i
72.8	-0.8302+0.2286i	0.1960+0.9002i	4.1653+12.4291i	-0.0057+0.1669i	0.7108-0.4288i	0.8451-1.5283i	0.2717+0.4365i	0.2502+0.1684i
72.9	-0.8595+0.3029i	0.2049+0.9227i	4.8525+12.8889i	-0.0283+0.1646i	0.7155-0.4653i	0.7582-1.5573i	0.3064+0.3883i	0.2709+0.1034i
73.0	-0.7265+0.2440i	0.1739+0.9306i	4.7659+12.8037i	0.0451+0.1461i	0.6843-0.4981i	0.7253-1.5354i	0.2621+0.4252i	0.2230+0.1814i
73.1	-0.7328+0.2572i	0.1992+0.9139i	4.7504+13.2699i	0.0446+0.1270i	0.6519-0.5497i	0.7035-1.5180i	0.2890+0.4489i	0.1940+0.1960i
73.2	-0.7578+0.2207i	0.2411+0.9655i	5.1861+13.6511i	0.0204+0.0721i	0.5981-0.5891i	0.6822-1.4699i	0.3341+0.4782i	0.2295+0.1989i
73.3	-0.7041+0.2497i	0.3070+0.9698i	5.5043+12.5771i	0.0026+0.0526i	0.5230-0.6254i	0.6089-1.3596i	0.3500+0.4625i	0.2234+0.1732i
73.4	-0.6288+0.3195i	0.3357+0.9986i	6.2773+12.5082i	-0.0094+0.0620i	0.4792-0.6974i	0.5943-1.3884i	0.3276+0.4511i	0.2097+0.1350i
73.5	-0.6416+0.3380i	0.3995+0.9619i	8.0131+12.0874i	-0.0397+0.0249i	0.4103-0.6747i	0.5003-1.2793i	0.3859+0.4173i	0.2329+0.1328i
73.6	-0.6026+0.2727i	0.4224+0.9751i	7.9229+11.5086i	-0.0386-0.0261i	0.3766-0.7010i	0.4845-1.1680i	0.3840+0.4665i	0.2362+0.1754i
73.7	-0.6009+0.2677i	0.4226+0.9335i	7.7302+12.2095i	-0.0669-0.0181i	0.3333-0.6832i	0.4930-1.1386i	0.4014+0.4401i	0.2679+0.1658i
73.8	-0.6113+0.2866i	0.4447+0.9099i	9.1630+12.6148i	-0.1030-0.0276i	0.3239-0.6857i	0.4892-1.0805i	0.4141+0.4348i	0.2727+0.1500i
73.9	-0.5376+0.2697i	0.4672+0.8863i	9.8785+11.5698i	-0.0761-0.0350i	0.2758-0.7329i	0.4042-0.9898i	0.4152+0.4684i	0.2225+0.1862i
74.0	-0.4977+0.2639i	0.4861+0.8681i	8.5717+10.9422i	-0.0955-0.0457i	0.2004-0.7679i	0.4620-0.8741i	0.4192+0.4651i	0.2126+0.1690i
74.1	-0.4891+0.2846i	0.4787+0.8704i	8.6813+10.4146i	-0.1148-0.0528i	0.1910-0.7502i	0.5144-0.8350i	0.4091+0.4380i	0.2498+0.1687i
74.2	-0.4541+0.2057i	0.4656+0.8625i	9.8368+10.1189i	-0.0927-0.0985i	0.1497-0.7025i	0.4425-0.6926i	0.3884+0.4567i	0.2350+0.2313i
74.3	-0.4305+0.1928i	0.4739+0.8514i	10.8004+10.0562i	-0.0894-0.0939i	0.1125-0.6968i	0.4297-0.6295i	0.3926+0.4591i	0.2365+0.2198i
74.4	-0.3443+0.1808i	0.5117+0.8248i	11.3711+9.1640i	-0.0879-0.0779i	0.0338-0.6941i	0.4444-0.6288i	0.3954+0.4576i	0.2057+0.2133i
74.5	-0.3215+0.1925i	0.4796+0.7882i	12.9591+8.4013i	-0.1351-0.0978i	0.0142-0.6551i	0.4724-0.4323i	0.3794+0.4452i	0.1897+0.1981i
74.6	-0.2939+0.2244i	0.4789+0.7900i	12.3767+7.9257i	-0.1599-0.0965i	-0.0087-0.6246i	0.5543-0.3456i	0.3749+0.4264i	0.2241+0.1705i
74.7	-0.2608+0.1786i	0.5393+0.7987i	10.6457+7.6923i	-0.1470-0.0941i	-0.0595-0.6468i	0.6199-0.4764i	0.4014+0.4404i	0.2458+0.1914i
74.8	-0.2797+0.1371i	0.5164+0.7815i	11.4898+7.8306i	-0.1583-0.1261i	-0.0435-0.6016i	0.6517-0.3905i	0.3834+0.4476i	0.2626+0.1904i
74.9	-0.2489+0.0614i	0.5444+0.7794i	12.4850+7.1856i	-0.1412-0.1622i	-0.0910-0.5779i	0.6638-0.2912i	0.4087+0.4904i	0.2691+0.2469i

75.0	-0.1905-0.0104i	0.5791+0.7854i	11.6215+6.2708i	-0.1435-0.1487i	-0.1262-0.5529i	0.7453-0.2717i	0.4009+0.5233i	0.2462+0.2630i
75.1	-0.1734-0.0141i	0.5566+0.7783i	11.3769+4.3817i	-0.1718-0.1671i	-0.1408-0.5545i	0.8637-0.2570i	0.4143+0.5302i	0.2719+0.2863i
75.2	-0.1040-0.0209i	0.5571+0.7684i	11.6539+3.5508i	-0.1913-0.1211i	-0.1333-0.5319i	0.9825-0.3099i	0.3875+0.5389i	0.2262+0.2901i
75.3	-0.1650-0.0624i	0.5735+0.7467i	12.5534+4.2399i	-0.1970-0.1608i	-0.1352-0.4814i	0.9486-0.1420i	0.3978+0.5496i	0.2395+0.3002i
75.4	-0.1963-0.1002i	0.5687+0.7387i	13.2866+4.1739i	-0.2361-0.1836i	-0.1476-0.4374i	1.0541-0.1152i	0.4326+0.5497i	0.3128+0.2939i
75.5	-0.1236-0.1441i	0.5520+0.7395i	13.2710+3.6260i	-0.2415-0.1712i	-0.1377-0.4164i	1.1203-0.0749i	0.3901+0.5785i	0.2521+0.2772i
75.6	-0.0783-0.2104i	0.5934+0.7361i	11.9745+2.3656i	-0.2638-0.1845i	-0.1710-0.4228i	1.2445-0.1342i	0.4124+0.6195i	0.2491+0.3091i
75.7	-0.0568-0.2493i	0.5692+0.6876i	12.5355+1.9898i	-0.2384-0.2131i	-0.1421-0.3954i	1.2791-0.0276i	0.3869+0.6064i	0.2592+0.3410i
75.8	-0.0858-0.2887i	0.6137+0.6414i	13.0387+1.4990i	-0.2273-0.2350i	-0.1758-0.4188i	1.1530-0.0924i	0.4340+0.6372i	0.2734+0.3675i
75.9	-0.0896-0.2877i	0.5931+0.6249i	12.7668+0.6142i	-0.2632-0.2119i	-0.1528-0.3993i	1.2263-0.0908i	0.4318+0.6170i	0.2776+0.3196i
76.0	-0.0640-0.3654i	0.5519+0.6607i	12.8917+0.0393i	-0.2264-0.2037i	-0.0783-0.3812i	1.2788-0.1107i	0.3766+0.6781i	0.2410+0.3382i
76.1	-0.1204-0.4568i	0.5607+0.6550i	11.4753-0.4157i	-0.2736-0.2037i	-0.0986-0.3644i	1.3629-0.2319i	0.4127+0.7278i	0.2903+0.3646i
76.2	-0.1430-0.4665i	0.5625+0.6379i	10.8848-1.3175i	-0.3152-0.2053i	-0.1173-0.3422i	1.4726-0.2533i	0.4456+0.7071i	0.3396+0.3460i
76.3	-0.1195-0.5107i	0.5490+0.6205i	11.4626-1.3421i	-0.2928-0.2222i	-0.0935-0.3343i	1.4483-0.2180i	0.4002+0.7067i	0.2883+0.3589i
76.4	-0.1820-0.5667i	0.5610+0.6178i	10.8126-1.2211i	-0.2989-0.2180i	-0.0340-0.3741i	1.4828-0.3866i	0.4135+0.7719i	0.2844+0.3727i
76.5	-0.2173-0.5559i	0.5251+0.5477i	10.7002-0.1473i	-0.3249-0.1789i	-0.0264-0.3139i	1.5283-0.4327i	0.4514+0.7078i	0.3068+0.3565i
76.6	-0.2837-0.5689i	0.5200+0.4993i	10.1463-1.2223i	-0.3003-0.1826i	-0.0525-0.2919i	1.4288-0.4217i	0.5372+0.7089i	0.3844+0.3711i
76.7	-0.3132-0.6443i	0.5005+0.5595i	10.7831-1.8160i	-0.2703-0.1989i	0.0063-0.3074i	1.4439-0.3954i	0.4697+0.7923i	0.3258+0.3963i
76.8	-0.3687-0.7355i	0.5048+0.6431i	10.3743-3.0560i	-0.2599-0.2712i	0.0297-0.4038i	1.4533-0.4994i	0.4903+0.9197i	0.3354+0.4752i
76.9	-0.3782-0.7439i	0.5097+0.6278i	9.9574-3.3016i	-0.2608-0.2505i	0.0637-0.4239i	1.4380-0.5445i	0.4860+0.9480i	0.3132+0.4928i
77.0	-0.4197-0.7151i	0.5009+0.5887i	9.2537-2.9828i	-0.2941-0.2286i	0.0658-0.3776i	1.4269-0.5095i	0.5067+0.9015i	0.3213+0.4350i
77.1	-0.4386-0.7370i	0.4696+0.5683i	9.2342-2.5030i	-0.2636-0.2357i	0.1215-0.4028i	1.3699-0.5243i	0.4760+0.9296i	0.2868+0.4565i
77.2	-0.4513-0.7362i	0.4353+0.5527i	9.9278-2.3024i	-0.2450-0.2184i	0.1442-0.4099i	1.2964-0.5206i	0.4532+0.9361i	0.2628+0.4750i
77.3	-0.5918-0.8103i	0.4747+0.5746i	9.0509-3.7456i	-0.3499-0.2830i	0.0850-0.4701i	1.4085-0.4971i	0.6294+1.0722i	0.3928+0.5628i
77.4	-0.6087-0.8414i	0.4311+0.6301i	8.5844-3.8235i	-0.3256-0.2867i	0.1301-0.5501i	1.4279-0.6158i	0.6026+1.1463i	0.3870+0.5739i
77.5	-0.6916-0.8480i	0.4323+0.6903i	7.6297-3.8793i	-0.2609-0.3283i	0.1263-0.6429i	1.2999-0.7438i	0.6936+1.2013i	0.4388+0.5893i
77.6	-0.7296-0.8222i	0.4749+0.6913i	7.5444-3.7237i	-0.2768-0.3480i	0.0594-0.6763i	1.2417-0.8087i	0.7624+1.1926i	0.4663+0.5759i
77.7	-0.7937-0.7942i	0.4876+0.6820i	7.5168-3.3221i	-0.2995-0.4095i	0.0479-0.7226i	1.2082-0.6136i	0.8438+1.2275i	0.5007+0.6030i
77.8	-0.9012-0.8803i	0.5104+0.7042i	6.5113-5.1152i	-0.3485-0.4436i	0.0256-0.8026i	1.2083-0.7043i	0.9475+1.3756i	0.5346+0.6704i
77.9	-0.9903-0.9130i	0.5385+0.7603i	6.5065-6.0285i	-0.3656-0.5163i	-0.0243-0.9258i	1.2402-0.7612i	1.0734+1.4701i	0.5742+0.7609i
78.0	-1.0237-0.8401i	0.4874+0.7914i	6.2280-4.6293i	-0.3458-0.5962i	-0.0410-0.9180i	1.1289-0.5642i	1.1028+1.3983i	0.5919+0.7434i
78.1	-1.0465-0.8230i	0.5204+0.7629i	6.0260-4.7747i	-0.3846-0.6245i	-0.1269-0.9043i	1.0356-0.5547i	1.2219+1.3518i	0.6357+0.7493i
78.2	-1.0535-0.6836i	0.5280+0.7482i	6.1343-4.3238i	-0.4370-0.6010i	-0.1314-0.8921i	1.1143-0.4220i	1.2234+1.2657i	0.6323+0.6909i
78.3	-1.1098-0.7563i	0.5445+0.7906i	5.5870-5.1308i	-0.4897-0.6342i	-0.1886-0.9330i	1.1345-0.4543i	1.3327+1.3262i	0.6698+0.7199i
78.4	-1.2515-0.7596i	0.6056+0.8264i	4.7705-5.2821i	-0.6068-0.6866i	-0.3030-0.9932i	1.0050-0.5005i	1.5270+1.3365i	0.7755+0.7562i
78.5	-1.2806-0.6230i	0.6308+0.8417i	5.4382-4.3730i	-0.7017-0.7348i	-0.3315-1.0362i	1.1234-0.2318i	1.5673+1.3126i	0.8086+0.7735i
78.6	-1.3020-0.5702i	0.6666+0.8438i	4.7874-4.4449i	-0.7347-0.7308i	-0.3612-1.0375i	1.0811-0.1430i	1.6053+1.2740i	0.8344+0.7641i
78.7	-1.4248-0.5794i	0.6795+0.8487i	3.9913-5.1864i	-0.9013-0.7461i	-0.4282-1.0509i	1.1619-0.0658i	1.7031+1.2984i	0.9117+0.7844i
78.8	-1.4366-0.4313i	0.7178+0.8104i	3.8942-4.7967i	-1.0312-0.6209i	-0.5569-1.0101i	1.2266-0.1343i	1.7838+1.2116i	0.9768+0.7227i
78.9	-1.3696-0.2889i	0.7420+0.8607i	3.2900-3.2783i	-1.0186-0.5836i	-0.5903-1.0134i	1.2697+0.2252i	1.7870+1.1867i	0.9963+0.7283i
79.0	-1.3630-0.3789i	0.9045+0.9112i	4.0804-2.4182i	-1.0048-0.7388i	-0.6993-1.0403i	1.4294+0.6636i	2.0522+1.3148i	1.0940+0.8486i
79.1	-1.4988-0.3993i	1.0128+0.8462i	4.2577-3.9067i	-1.2044-0.7810i	-0.8370-1.0129i	1.7267+0.6233i	2.3279+1.2182i	1.2626+0.8473i
79.2	-1.6306-0.3630i	0.9917+0.7342i	3.5379-5.0036i	-1.3565-0.6872i	-0.8226-0.9441i	1.8180+0.3499i	2.3495+1.0282i	1.3228+0.7586i
79.3	-1.6543-0.2945i	0.9879+0.6790i	3.9506-5.2399i	-1.4917-0.6349i	-0.8504-0.9222i	2.1296+0.3581i	2.3669+0.9496i	1.3727+0.7306i
79.4	-1.6055-0.1174i	0.9616+0.6280i	3.5669-4.9711i	-1.4918-0.4715i	-0.8656-0.8312i	2.2036+0.4492i	2.3612+0.8005i	1.3881+0.6242i
79.5	-1.6973-0.0095i	0.9567+0.5967i	2.5563-5.3253i	-1.6193-0.3690i	-0.9458-0.7985i	2.3165+0.3598i	2.4888+0.6624i	1.5130+0.5647i
79.6	-1.6994+0.1021i	0.9274+0.5884i	2.0286-5.0442i	-1.6627-0.2604i	-0.9894-0.7743i	2.3711+0.2269i	2.5044+0.5479i	1.5499+0.4950i
79.7	-1.6789+0.1598i	0.9373+0.5533i	1.7882-4.5828i	-1.7008-0.1722i	-1.0187-0.7219i	2.4943+0.1221i	2.5138+0.4380i	1.5732+0.4233i
79.8	-1.6703+0.2441i	0.9731+0.5427i	1.3434-4.9354i	-1.7511-0.0389i	-1.0931-0.6684i	2.6055-0.0634i	2.6100+0.3350i	1.6434+0.3489i
79.9	-1.6484+0.3660i	1.0285+0.5489i	1.7761-5.7732i	-1.7920+0.0564i	-1.2033-0.6553i	2.8176-0.0048i	2.7344+0.2992i	1.7411+0.3109i
80.0	-1.5473+0.4902i	1.0019+0.5151i	2.1500-4.2874i	-1.7237+0.2034i	-1.1476-0.6103i	2.8508-0.1978i	2.5946+0.1624i	1.6776+0.1984i

2.1.100 Run 9 – IP270A10 – Accels 25–32

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	93.5534+0.0000i	18.3833+0.0000i	18.0202+0.0000i	15.8597+0.0000i	6.1541+0.0000i	21.3509+0.0000i	14.9363+0.0000i	-15.7855+0.0000i
0.1	93.1445+0.8177i	18.3283-0.3737i	17.7753-1.2912i	16.2678+0.8261i	6.2171+0.5109i	21.4990+0.4779i	14.2153-0.7386i	-16.6119-1.3111i
0.2	8.2624-17.9692i	1.3672+0.4556i	-1.6690+8.4210i	-7.2455-13.3093i	0.6104-0.5079i	-1.1594+0.5456i	-5.6523+9.1632i	-9.0885+6.5591i
0.3	-0.7452-0.8558i	0.0704-0.3217i	-0.5920+1.6121i	-0.9537+0.5103i	-0.0677-0.0007i	0.7080+0.0964i	1.3909-1.0700i	1.0717+0.1957i
0.4	0.0405-0.1492i	0.0733-0.0880i	0.0648-0.0564i	-0.1965+0.0892i	-0.0472+0.0495i	0.2250-0.0903i	-0.1049+0.0753i	-0.0316+0.0899i
0.5	0.0030+0.0073i	0.0236-0.0333i	0.0155+0.0155i	-0.0151+0.0404i	0.0556+0.0258i	0.1187-0.0009i	-0.0928-0.1027i	-0.0274-0.0379i
0.6	-0.0833+0.1104i	0.0126-0.0131i	0.0039+0.0354i	-0.0046-0.0228i	0.2118+0.0499i	0.0298-0.0205i	0.0758-0.0216i	-0.0024-0.0052i
0.7	0.0765+0.0260i	0.0043+0.0136i	0.0027+0.0339i	0.0008+0.0028i	0.1255-0.0082i	0.0588+0.0105i	-0.0010+0.0488i	-0.0709+0.0153i
0.8	-0.0219+0.0135i	-0.0082+0.0086i	-0.0214+0.0196i	-0.0061+0.0081i	-0.0318-0.0146i	0.0474+0.0049i	-0.0043-0.0022i	-0.0538-0.0031i
0.9	-0.0027+0.0323i	-0.0091+0.0003i	-0.0343+0.0335i	0.0041+0.0010i	-0.0130-0.0219i	0.0336-0.0086i	-0.0081-0.0212i	-0.0534-0.0002i
1.0	0.0218+0.0016i	0.0002-0.0127i	-0.0826+0.0484i	0.0074+0.0183i	0.0265-0.0441i	0.0658-0.0234i	0.0400-0.0227i	-0.0776+0.0201i
1.1	-0.0195-0.0181i	0.0178-0.0008i	-0.0585+0.0575i	-0.0048+0.0069i	0.0268-0.0155i	0.0671-0.0217i	0.0306-0.0123i	-0.0906+0.0191i
1.2	-0.0242-0.0029i	0.0167+0.0027i	-0.0895+0.0912i	-0.0073+0.0025i	0.0312-0.0176i	0.0871-0.0219i	0.0202-0.0121i	-0.1038+0.0226i
1.3	-0.0291+0.0105i	0.0213+0.0047i	-0.1609+0.2540i	-0.0080+0.0047i	0.0422-0.0261i	0.1156-0.0450i	0.0148-0.0230i	-0.1329+0.0383i
1.4	-0.0313+0.0149i	0.0247+0.0095i	-0.2363+0.5184i	-0.0091+0.0076i	0.0455-0.0348i	0.1240-0.0715i	0.0140-0.0327i	-0.1499+0.0648i
1.5	-0.0190+0.0286i	0.0422+0.0173i	0.7045+1.1761i	-0.0000+0.0133i	0.0268-0.0584i	0.1330-0.0977i	-0.0003-0.0439i	-0.1764+0.0878i
1.6	-0.0115+0.0049i	0.0704-0.0001i	1.7874-0.0259i	0.0087+0.0000i	0.0285-0.0446i	0.2043-0.1036i	0.0018-0.0300i	-0.2660+0.1104i
1.7	-0.0331-0.0056i	0.0711-0.0156i	1.2671-0.9476i	0.0015-0.0106i	0.0528-0.0644i	0.2567-0.1865i	0.0158-0.0375i	-0.3237+0.2123i
1.8	-0.0575+0.0081i	0.0800-0.0205i	0.8154-1.1737i	-0.0071-0.0137i	0.0720-0.1209i	0.3144-0.3616i	0.0225-0.0711i	-0.3945+0.4083i
1.9	-0.0816+0.0422i	0.1010-0.0345i	0.3835-1.3116i	-0.0172-0.0101i	0.0341-0.1807i	0.2714-0.5756i	-0.0051-0.1012i	-0.3518+0.6566i
2.0	-0.0650+0.0853i	0.1167-0.0512i	-0.3569-1.2335i	-0.0295-0.0104i	-0.0930-0.1982i	-0.0807-0.7362i	-0.0769-0.1137i	0.0534+0.8698i
2.1	-0.0086+0.0758i	0.1522-0.0735i	-0.8080-0.4498i	-0.0510+0.0087i	-0.1751-0.0651i	-0.5409-0.3755i	-0.1572-0.0338i	0.5966+0.4541i
2.2	-0.0292+0.0904i	0.2852-0.2168i	-0.6743-0.1495i	-0.0819+0.0495i	-0.1298-0.0298i	-0.5459-0.1596i	-0.1799+0.0421i	0.6107+0.2035i
2.3	-0.0031+0.1500i	0.1486-0.5595i	-0.5064-0.1039i	-0.0501+0.1324i	-0.1201-0.0665i	-0.4597-0.0655i	-0.1286+0.1170i	0.5184+0.0936i
2.4	0.0928+0.1004i	-0.3101-0.3520i	-0.4348-0.0420i	0.0601+0.0867i	-0.1677-0.0121i	-0.3920-0.0185i	-0.0269+0.0866i	0.4404+0.0411i
2.5	0.0877+0.0389i	-0.3077-0.0868i	-0.3662+0.0033i	0.0631+0.0234i	-0.1519+0.0328i	-0.3461+0.0049i	-0.0182+0.0447i	0.3883+0.0115i
2.6	0.0591+0.0199i	-0.1931-0.0217i	-0.2964+0.0222i	0.0366+0.0051i	-0.1169+0.0418i	-0.3075+0.0245i	-0.0258+0.0367i	0.3455-0.0139i
2.7	0.0500+0.0144i	-0.1509-0.0036i	-0.2466+0.0369i	0.0272+0.0005i	-0.0929+0.0541i	-0.2748+0.0458i	-0.0211+0.0393i	0.3105-0.0345i
2.8	0.0414+0.0117i	-0.1252-0.0038i	-0.2181+0.0315i	0.0220+0.0009i	-0.0802+0.0533i	-0.2528+0.0495i	-0.0193+0.0389i	0.2857-0.0387i
2.9	0.0362+0.0103i	-0.1101-0.0042i	-0.2001+0.0291i	0.0195+0.0019i	-0.0746+0.0510i	-0.2412+0.0514i	-0.0209+0.0375i	0.2726-0.0427i
3.0	0.0313+0.0092i	-0.0997-0.0027i	-0.1896+0.0293i	0.0162+0.0019i	-0.0788+0.0512i	-0.2377+0.0568i	-0.0250+0.0385i	0.2680-0.0495i
3.1	0.0269+0.0073i	-0.0922-0.0010i	-0.1706+0.0305i	0.0135+0.0009i	-0.0684+0.0519i	-0.2213+0.0626i	-0.0202+0.0400i	0.2498-0.0560i
3.2	0.0240+0.0074i	-0.0842-0.0014i	-0.1526+0.0266i	0.0118+0.0020i	-0.0552+0.0527i	-0.2027+0.0632i	-0.0128+0.0399i	0.2311-0.0589i
3.3	0.0203+0.0064i	-0.0795-0.0005i	-0.1444+0.0261i	0.0116+0.0016i	-0.0529+0.0531i	-0.1985+0.0697i	-0.0132+0.0424i	0.2253-0.0654i
3.4	0.0171+0.0054i	-0.0760-0.0007i	-0.1379+0.0221i	0.0103+0.0015i	-0.0523+0.0502i	-0.1954+0.0670i	-0.0121+0.0400i	0.2209-0.0635i
3.5	0.0144+0.0057i	-0.0716-0.0019i	-0.1293+0.0203i	0.0082+0.0018i	-0.0465+0.0506i	-0.1862+0.0669i	-0.0081+0.0400i	0.2107-0.0640i
3.6	0.0127+0.0046i	-0.0696-0.0010i	-0.1256+0.0200i	0.0076+0.0011i	-0.0468+0.0521i	-0.1838+0.0700i	-0.0075+0.0412i	0.2089-0.0678i
3.7	0.0099+0.0038i	-0.0667-0.0001i	-0.1229+0.0165i	0.0068+0.0011i	-0.0468+0.0489i	-0.1876+0.0690i	-0.0076+0.0382i	0.2112-0.0664i
3.8	0.0068+0.0039i	-0.0646-0.0004i	-0.1172+0.0163i	0.0053+0.0009i	-0.0436+0.0511i	-0.1857+0.0750i	-0.0049+0.0382i	0.2082-0.0720i
3.9	0.0049+0.0052i	-0.0634-0.0016i	-0.1107+0.0164i	0.0048+0.0009i	-0.0383+0.0565i	-0.1783+0.0938i	-0.0009+0.0411i	0.2009-0.0903i
4.0	0.0041+0.0045i	-0.0642-0.0018i	-0.1099+0.0143i	0.0054+0.0005i	-0.0310+0.0562i	-0.1608+0.0982i	-0.0029+0.0414i	0.1855-0.0955i
4.1	0.0022+0.0032i	-0.0634-0.0007i	-0.1032+0.0155i	0.0052+0.0006i	-0.0215+0.0578i	-0.1498+0.0928i	0.0021+0.0455i	0.1741-0.0911i
4.2	-0.0008+0.0034i	-0.0622+0.0003i	-0.0979+0.0157i	0.0047+0.0003i	-0.0160+0.0596i	-0.1503+0.0955i	0.0069+0.0492i	0.1728-0.0941i
4.3	-0.0046+0.0030i	-0.0622+0.0010i	-0.0956+0.0124i	0.0038+0.0000i	-0.0140+0.0508i	-0.1549+0.0922i	0.0083+0.0470i	0.1775-0.0916i
4.4	-0.0065+0.0026i	-0.0612+0.0027i	-0.0972+0.0089i	0.0034+0.0005i	-0.0183+0.0429i	-0.1594+0.0929i	0.0069+0.0471i	0.1817-0.0917i
4.5	-0.0094+0.0032i	-0.0595+0.0012i	-0.0986+0.0106i	0.0016+0.0009i	-0.0295+0.0498i	-0.1635+0.0952i	0.0086+0.0482i	0.1845-0.0943i
4.6	-0.0118+0.0027i	-0.0578-0.0009i	-0.0939+0.0102i	0.0001+0.0015i	-0.0258+0.0505i	-0.1644+0.0886i	0.0131+0.0422i	0.1861-0.0874i
4.7	-0.0149+0.0032i	-0.0578-0.0013i	-0.0897+0.0101i	-0.0002+0.0011i	-0.0197+0.0513i	-0.1660+0.0920i	0.0150+0.0407i	0.1889-0.0909i
4.8	-0.0181+0.0032i	-0.0585-0.0011i	-0.0887+0.0080i	-0.0000+0.0010i	-0.0174+0.0506i	-0.1728+0.0887i	0.0158+0.0359i	0.1949-0.0891i
4.9	-0.0205+0.0013i	-0.0580-0.0000i	-0.0797+0.0042i	-0.0005-0.0012i	-0.0079+0.0433i	-0.1791+0.0933i	0.0260+0.0369i	0.1993-0.0931i
5.0	-0.0244+0.0021i	-0.0585-0.0006i	-0.0762+0.0026i	-0.0022-0.0015i	-0.0098+0.0446i	-0.1882+0.1092i	0.0298+0.0377i	0.2099-0.1086i
5.1	-0.0276+0.0019i	-0.0571-0.0002i	-0.0748-0.0015i	-0.0045-0.0014i	-0.0092+0.0401i	-0.1914+0.1183i	0.0372+0.0343i	0.2131-0.1190i
5.2	-0.0326+0.0023i	-0.0550+0.0003i	-0.0755+0.0001i	-0.0070-0.0010i	-0.0223+0.0425i	-0.2155+0.1286i	0.0346+0.0348i	0.2351-0.1289i
5.3	-0.0345+0.0010i	-0.0558-0.0012i	-0.0714-0.0092i	-0.0072-0.0020i	-0.0127+0.0397i	-0.2179+0.1578i	0.0344+0.0265i	0.2383-0.1589i
5.4	-0.0372+0.0003i	-0.0569+0.0013i	-0.0743-0.0167i	-0.0090-0.0019i	-0.0167+0.0271i	-0.2045+0.1797i	0.0359+0.0262i	0.2263-0.1823i
5.5	-0.0413+0.0008i	-0.0546+0.0007i	-0.0753-0.0196i	-0.0117-0.0019i	-0.0276+0.0321i	-0.2085+0.1995i	0.0410+0.0248i	0.2302-0.2020i
5.6	-0.0445+0.0018i	-0.0535-0.0010i	-0.0744-0.0250i	-0.0134-0.0039i	-0.0270+0.0402i	-0.2176+0.2375i	0.0359+0.0161i	0.2405-0.2385i

5.7	-0.0451+0.0039i	-0.0561-0.0036i	-0.0791-0.0317i	-0.0144-0.0012i	-0.0309+0.0451i	-0.1939+0.2738i	0.0322+0.0000i	0.2135-0.2730i
5.8	-0.0489+0.0066i	-0.0563-0.0051i	-0.0851-0.0318i	-0.0170+0.0012i	-0.0355+0.0641i	-0.1626+0.3039i	0.0333-0.0030i	0.1818-0.3042i
5.9	-0.0537+0.0062i	-0.0554-0.0040i	-0.0914-0.0327i	-0.0214+0.0002i	-0.0427+0.0558i	-0.1224+0.3076i	0.0328+0.0057i	0.1399-0.3075i
6.0	-0.0547+0.0075i	-0.0579-0.0056i	-0.0964-0.0333i	-0.0226-0.0002i	-0.0253+0.0648i	-0.0444+0.3182i	0.0334-0.0016i	0.0642-0.3175i
6.1	-0.0569+0.0057i	-0.0611-0.0055i	-0.0999-0.0332i	-0.0278+0.0006i	-0.0249+0.0688i	-0.0392+0.3139i	0.0202-0.0050i	0.0609-0.3132i
6.2	-0.0590+0.0052i	-0.0631-0.0066i	-0.1040-0.0294i	-0.0318+0.0006i	-0.0298+0.0735i	-0.0182+0.2953i	0.0101-0.0079i	0.0416-0.2943i
6.3	-0.0589+0.0067i	-0.0659-0.0081i	-0.1029-0.0280i	-0.0359+0.0019i	-0.0090+0.0814i	0.0438+0.2688i	0.0171-0.0129i	-0.0191-0.2686i
6.4	-0.0609+0.0059i	-0.0698-0.0072i	-0.0993-0.0274i	-0.0398+0.0052i	0.0069+0.0900i	0.0629+0.2821i	0.0147-0.0099i	-0.0373-0.2808i
6.5	-0.0577+0.0032i	-0.0708-0.0055i	-0.0953-0.0260i	-0.0450+0.0095i	0.0249+0.0813i	0.0860+0.2510i	0.0073-0.0062i	-0.0560-0.2487i
6.6	-0.0521+0.0025i	-0.0763-0.0035i	-0.0951-0.0235i	-0.0499+0.0121i	0.0163+0.0817i	0.0497+0.2433i	-0.0056+0.0010i	-0.0198-0.2412i
6.7	-0.0462-0.0105i	-0.0845-0.0012i	-0.0935-0.0210i	-0.0618+0.0215i	0.0193+0.0949i	0.0603+0.2487i	-0.0066-0.0019i	-0.0287-0.2475i
6.8	-0.0391-0.0433i	-0.0963+0.0103i	-0.0945-0.0308i	-0.0749+0.0437i	0.0535+0.0775i	0.1003+0.1982i	-0.0199-0.0105i	-0.0652-0.2038i
6.9	-0.0767-0.0812i	-0.0956+0.0315i	-0.0984-0.0415i	-0.0684+0.0713i	0.0698+0.0376i	0.1130+0.1636i	-0.0357+0.0140i	-0.0780-0.1781i
7.0	-0.1497-0.0898i	-0.0660+0.0412i	-0.0988-0.0503i	-0.0167+0.0755i	0.0415+0.0113i	0.0874+0.1659i	-0.0176+0.0532i	-0.0627-0.1866i
7.1	-0.1851-0.0602i	-0.0484+0.0323i	-0.1061-0.0584i	0.0074+0.0577i	0.0237+0.0105i	0.0956+0.1649i	0.0103+0.0569i	-0.0788-0.1837i
7.2	-0.1903-0.0236i	-0.0460+0.0164i	-0.1215-0.0601i	0.0003+0.0301i	0.0097+0.0216i	0.1087+0.1453i	0.0312+0.0419i	-0.0937-0.1574i
7.3	-0.1873-0.0021i	-0.0473+0.0127i	-0.1228-0.0546i	-0.0070+0.0289i	0.0016+0.0432i	0.1052+0.1442i	0.0388+0.0284i	-0.0893-0.1513i
7.4	-0.1881+0.0125i	-0.0528+0.0085i	-0.1284-0.0465i	-0.0213+0.0269i	0.0091+0.0624i	0.1034+0.1620i	0.0356+0.0110i	-0.0838-0.1672i
7.5	-0.1914+0.0117i	-0.0580+0.0018i	-0.1395-0.0421i	-0.0314+0.0150i	0.0191+0.0651i	0.0982+0.1761i	0.0311+0.0057i	-0.0753-0.1785i
7.6	-0.1975+0.0106i	-0.0637+0.0009i	-0.1410-0.0263i	-0.0499+0.0185i	0.0278+0.0394i	0.1215+0.1618i	0.0220+0.0105i	-0.1000-0.1663i
7.7	-0.2102+0.0275i	-0.0731+0.0036i	-0.1383-0.0267i	-0.0671+0.0345i	0.0387+0.0582i	0.1312+0.1827i	0.0191+0.0068i	-0.1086-0.1868i
7.8	-0.2132+0.0360i	-0.0732+0.0095i	-0.1326-0.0160i	-0.0606+0.0427i	0.0438+0.0444i	0.1541+0.1269i	0.0217+0.0003i	-0.1311-0.1310i
7.9	-0.2187+0.0347i	-0.0750+0.0084i	-0.1320-0.0102i	-0.0582+0.0408i	0.0410+0.0273i	0.1421+0.0820i	0.0155+0.0009i	-0.1169-0.0854i
8.0	-0.2355+0.0401i	-0.0779+0.0083i	-0.1330-0.0174i	-0.0719+0.0472i	0.0549+0.0401i	0.1549+0.1082i	0.0088-0.0040i	-0.1276-0.1121i
8.1	-0.2420+0.0577i	-0.0777+0.0155i	-0.1287-0.0176i	-0.0739+0.0659i	0.0533+0.0332i	0.1509+0.0850i	0.0044-0.0071i	-0.1258-0.0891i
8.2	-0.2410+0.0728i	-0.0767+0.0200i	-0.1274-0.0150i	-0.0664+0.0805i	0.0589+0.0310i	0.1612+0.0750i	-0.0020-0.0068i	-0.1349-0.0796i
8.3	-0.2496+0.0689i	-0.0762+0.0167i	-0.1225-0.0185i	-0.0652+0.0718i	0.0638+0.0368i	0.1495+0.1013i	-0.0117-0.0027i	-0.1231-0.1062i
8.4	-0.2772+0.0672i	-0.0832+0.0139i	-0.1195-0.0190i	-0.0896+0.0652i	0.0571+0.0315i	0.1423+0.0787i	-0.0053-0.0011i	-0.1157-0.0844i
8.5	-0.3095+0.0868i	-0.0922+0.0200i	-0.1193-0.0218i	-0.1180+0.0862i	0.0486+0.0202i	0.1466+0.0501i	-0.0004+0.0075i	-0.1221-0.0553i
8.6	-0.3260+0.0952i	-0.0960+0.0210i	-0.1167-0.0262i	-0.1277+0.0923i	0.0535+0.0153i	0.1277+0.0651i	-0.0136+0.0118i	-0.1010-0.0688i
8.7	-0.3441+0.1260i	-0.0991+0.0285i	-0.1080-0.0298i	-0.1425+0.1251i	0.0543+0.0066i	0.0890+0.0624i	-0.0232+0.0079i	-0.0613-0.0652i
8.8	-0.3835+0.1725i	-0.1080+0.0419i	-0.1054-0.0318i	-0.1814+0.1728i	0.0533-0.0045i	0.0955+0.0563i	-0.0224+0.0111i	-0.0662-0.0580i
8.9	-0.3775+0.2260i	-0.1074+0.0552i	-0.1072-0.0355i	-0.1645+0.2266i	0.0465-0.0181i	0.0970+0.0643i	-0.0213+0.0207i	-0.0677-0.0665i
9.0	-0.3155+0.3085i	-0.0894+0.0804i	-0.1000-0.0366i	-0.0917+0.3101i	0.0471-0.0269i	0.1205+0.0381i	-0.0210+0.0373i	-0.0947-0.0374i
9.1	-0.2832+0.3431i	-0.0782+0.0884i	-0.0982-0.0419i	-0.0458+0.3419i	0.0367-0.0230i	0.1154+0.0289i	-0.0083+0.0358i	-0.0835-0.0265i
9.2	-0.2713+0.3459i	-0.0728+0.0892i	-0.0936-0.0476i	-0.0261+0.3337i	0.0293-0.0279i	0.0860+0.0271i	-0.0030+0.0269i	-0.0528-0.0294i
9.3	-0.1917+0.4340i	-0.0510+0.1191i	-0.0956-0.0521i	0.0527+0.4115i	0.0197-0.0256i	0.1246+0.0312i	0.0054+0.0389i	-0.0922-0.0345i
9.4	-0.0354+0.3637i	-0.0040+0.1033i	-0.0997-0.0544i	0.2043+0.3416i	0.0082-0.0196i	0.1474+0.0152i	0.0213+0.0370i	-0.1141-0.0178i
9.5	0.0531+0.2733i	0.0236+0.0799i	-0.1002-0.0639i	0.2999+0.2574i	-0.0056-0.0229i	0.1289+0.0123i	0.0226+0.0344i	-0.0917-0.0157i
9.6	0.0068+0.2156i	0.0184+0.0626i	-0.0939-0.0756i	0.2642+0.2052i	-0.0224-0.0129i	0.1068+0.0391i	0.0246+0.0247i	-0.0698-0.0438i
9.7	-0.0295+0.1802i	0.0150+0.0513i	-0.0895-0.0839i	0.2380+0.1750i	-0.0198-0.0025i	0.1213+0.0436i	0.0116+0.0244i	-0.0814-0.0483i
9.8	-0.0500+0.1297i	0.0166+0.0366i	-0.0852-0.0917i	0.2247+0.1274i	-0.0121+0.0019i	0.1273+0.0285i	0.0091+0.0255i	-0.0860-0.0319i
9.9	-0.0727+0.0975i	0.0177+0.0215i	-0.0812-0.1056i	0.2185+0.0950i	-0.0095+0.0021i	0.1227+0.0247i	0.0101+0.0234i	-0.0785-0.0318i
10.0	-0.1095+0.0860i	0.0178+0.0114i	-0.0770-0.1228i	0.2084+0.0859i	-0.0131+0.0045i	0.1036+0.0202i	0.0200+0.0257i	-0.0631-0.0139i
10.1	-0.1378+0.0798i	0.0150-0.0044i	-0.0731-0.1451i	0.2008+0.0829i	-0.0173-0.0051i	0.0923+0.0012i	0.0342+0.0283i	-0.0528+0.0039i
10.2	-0.1761+0.0646i	0.0009-0.0315i	-0.0766-0.1681i	0.1809+0.0602i	-0.0137+0.0015i	0.1076-0.0015i	0.0493+0.0373i	-0.0602-0.0028i
10.3	-0.2298+0.0485i	-0.0244-0.0459i	-0.0925-0.1985i	0.1399+0.0264i	-0.0203+0.0162i	0.1232+0.0119i	0.0445+0.0305i	-0.0781-0.0262i
10.4	-0.2685+0.0558i	-0.0496-0.0449i	-0.1106-0.2204i	0.1081+0.0215i	-0.0228+0.0292i	0.1319+0.0185i	0.0404+0.0114i	-0.0870-0.0278i
10.5	-0.3186+0.0874i	-0.0743-0.0317i	-0.1351-0.2441i	0.0580+0.0483i	-0.0404+0.0228i	0.1336+0.0401i	-0.0028+0.0125i	-0.0842-0.0464i
10.6	-0.3182+0.1194i	-0.0779-0.0119i	-0.1661-0.2660i	0.0638+0.0807i	-0.0301+0.0250i	0.1410+0.0196i	-0.0005+0.0251i	-0.0920-0.0341i
10.7	-0.3196+0.1347i	-0.0783+0.0043i	-0.1908-0.2788i	0.0728+0.0942i	0.0008+0.0166i	0.1355-0.0038i	0.0192+0.0172i	-0.0840-0.0112i
10.8	-0.3442+0.1403i	-0.0751+0.0175i	-0.2176-0.2857i	0.0531+0.0991i	-0.0153+0.0293i	0.1345+0.0021i	-0.0050+0.0266i	-0.0822-0.0173i
10.9	-0.3644+0.1502i	-0.0685+0.0232i	-0.2479-0.2938i	0.0496+0.1175i	-0.0111+0.0315i	0.1406-0.0010i	0.0003+0.0264i	-0.0875-0.0089i
11.0	-0.3687+0.1738i	-0.0571+0.0284i	-0.2741-0.3023i	0.0470+0.1419i	0.0094+0.0306i	0.1378-0.0041i	0.0146+0.0266i	-0.0858-0.0092i
11.1	-0.3826+0.1866i	-0.0478+0.0216i	-0.3121-0.2952i	0.0494+0.1690i	-0.0126+0.0306i	0.1397+0.0080i	-0.0043+0.0406i	-0.0835-0.0210i
11.2	-0.3942+0.2037i	-0.0418+0.0106i	-0.3343-0.2955i	0.0532+0.2013i	0.0103+0.0180i	0.1444-0.0020i	0.0149+0.0282i	-0.0837-0.0096i
11.3	-0.3904+0.2333i	-0.0390-0.0043i	-0.3638-0.2756i	0.0832+0.2516i	-0.0003+0.0056i	0.1482-0.0077i	0.0132+0.0225i	-0.0842-0.0072i
11.4	-0.3743+0.2412i	-0.0432-0.0202i	-0.3782-0.2381i	0.1338+0.2704i	0.0261-0.0055i	0.1600-0.0076i	0.0485+0.0207i	-0.0971-0.0087i
11.5	-0.3531+0.2449i	-0.0577-0.0275i	-0.3927-0.2044i	0.1990+0.2796i	0.0427+0.0215i	0.1735-0.0000i	0.0694+0.0418i	-0.1183-0.0188i
11.6	-0.3465+0.2234i	-0.0794-0.0247i	-0.3892-0.1770i	0.2744+0.2506i	-0.0201+0.0280i	0.1644+0.0062i	0.0251+0.0453i	-0.0974-0.0237i
11.7	-0.3610+0.1941i	-0.0877-0.0193i	-0.3770-0.1665i	0.3052+0.2064i	-0.0403+0.0315i	0.1646+0.0071i	0.0082+0.0447i	-0.0909-0.0254i
11.8	-0.3878+0.1584i	-0.0946-0.0084i	-0.3447-0.1658i	0.3134+0.1429i	-0.0187+0.0548i	0.1749+0.0065i	0.0300+0.0564i	-0.0982-0.0327i
11.9	-0.4267+0.1320i	-0.0945-0.0020i	-0.3109-0.1815i	0.2964+0.1055i	-0.0203+0.0530i	0.1707+0.0028i	0.0255+0.0537i	-0.0890-0.0298i

12.0	−0.5065+0.1309i	−0.0913−0.0023i	−0.2899−0.2245i	0.2553+0.0844i	−0.0283+0.0170i	0.1878−0.0204i	0.0081+0.0255i	−0.1084−0.0054i
12.1	−0.5692+0.1470i	−0.0923−0.0047i	−0.2645−0.2685i	0.2316+0.0913i	−0.0121+0.0047i	0.2117−0.0256i	0.0182+0.0160i	−0.1345+0.0016i
12.2	−0.6113+0.1824i	−0.0924−0.0114i	−0.2512−0.3205i	0.2103+0.1148i	0.0029+0.0185i	0.2283−0.0179i	0.0339+0.0301i	−0.1485−0.0128i
12.3	−0.6347+0.2316i	−0.0984−0.0228i	−0.2494−0.4000i	0.2079+0.1618i	−0.0006+0.0233i	0.2406−0.0144i	0.0365+0.0417i	−0.1616−0.0221i
12.4	−0.6456+0.2514i	−0.1132−0.0249i	−0.2455−0.4860i	0.2454+0.1771i	−0.0030+0.0135i	0.2476−0.0191i	0.0380+0.0333i	−0.1700−0.0173i
12.5	−0.6729+0.2630i	−0.1269−0.0163i	−0.2868−0.6079i	0.2855+0.1657i	−0.0458+0.0183i	0.2189−0.0288i	0.0101+0.0298i	−0.1285+0.0061i
12.6	−0.7199+0.2690i	−0.1406−0.0087i	−0.3580−0.7839i	0.3045+0.1558i	−0.0532+0.0237i	0.2355−0.0287i	0.0014+0.0270i	−0.1384+0.0079i
12.7	−0.7571+0.2851i	−0.1431−0.0047i	−0.4719−0.9250i	0.3087+0.1522i	−0.0332+0.0362i	0.2716−0.0143i	0.0095+0.0264i	−0.1656−0.0142i
12.8	−0.7868+0.3229i	−0.1428+0.0037i	−0.6998−1.0246i	0.3363+0.1489i	−0.0182+0.0658i	0.3131+0.0155i	0.0206+0.0504i	−0.1892−0.0541i
12.9	−0.8068+0.3394i	−0.1465+0.0052i	−0.9682−1.0894i	0.3577+0.1527i	−0.0202+0.0143i	0.3378−0.0375i	−0.0114+0.0132i	−0.2054−0.0086i
13.0	−0.8311+0.3254i	−0.1480+0.0009i	−1.2417−1.0143i	0.3877+0.1378i	−0.0362−0.0238i	0.3542−0.0730i	−0.0424+0.0094i	−0.2280+0.0293i
13.1	−0.8874+0.3143i	−0.1660−0.0058i	−1.4760−0.8714i	0.4265+0.1053i	−0.0161−0.0373i	0.4353−0.0961i	−0.0205+0.0377i	−0.3106+0.0435i
13.2	−0.9788+0.2949i	−0.1824−0.0155i	−1.6772−0.7308i	0.4469+0.0720i	−0.0333−0.0762i	0.4849−0.1451i	−0.0224+0.0441i	−0.3577+0.0837i
13.3	−1.0918+0.3037i	−0.1963−0.0103i	−1.7558−0.5301i	0.4370+0.0262i	−0.0765−0.0724i	0.5062−0.1897i	−0.0013+0.0588i	−0.3741+0.1334i
13.4	−1.2201+0.3257i	−0.2178−0.0081i	−1.8445−0.3767i	0.4234−0.0014i	−0.0944−0.0520i	0.5292−0.2482i	0.0175+0.0380i	−0.3851+0.1900i
13.5	−1.3491+0.3460i	−0.2374−0.0143i	−1.9021−0.2667i	0.3862+0.0228i	−0.1286−0.0674i	0.4978−0.2407i	−0.0438+0.0561i	−0.3409+0.1652i
13.6	−1.5395+0.4348i	−0.2750+0.0015i	−1.9461−0.0684i	0.3666+0.0028i	−0.2015−0.0900i	0.5332−0.2930i	−0.0503+0.0882i	−0.3556+0.2026i
13.7	−1.6860+0.5517i	−0.3084+0.0090i	−1.9200+0.0630i	0.3639+0.0301i	−0.2663−0.0871i	0.5498−0.3950i	−0.0368+0.0856i	−0.3591+0.3030i
13.8	−1.8454+0.7195i	−0.3491+0.0491i	−1.8350+0.1966i	0.3372+0.0673i	−0.3070−0.0251i	0.5932−0.4442i	−0.0181+0.1203i	−0.4127+0.3104i
13.9	−1.9982+0.8339i	−0.3894+0.0607i	−1.8325+0.1584i	0.3950+0.1399i	−0.3252+0.0034i	0.6722−0.5148i	0.0184+0.1155i	−0.4975+0.3817i
14.0	−2.2173+1.1376i	−0.4704+0.1247i	−1.9162+0.2020i	0.5384+0.1744i	−0.4267+0.0818i	0.6797−0.6313i	0.0456+0.1360i	−0.5056+0.4915i
14.1	−2.3773+1.5160i	−0.5297+0.2423i	−2.0315+0.2294i	0.6734+0.1139i	−0.4684+0.1605i	0.6509−0.8067i	0.0572+0.0700i	−0.4981+0.6556i
14.2	−2.4134+1.8324i	−0.5140+0.3535i	−2.1178+0.2721i	0.6924+0.0215i	−0.4599+0.2687i	0.6094−0.8796i	0.0377+0.0408i	−0.4434+0.7077i
14.3	−2.4192+2.1323i	−0.4818+0.4429i	−2.2103+0.3591i	0.6679−0.0546i	−0.4662+0.3314i	0.5339−0.9743i	−0.0237+0.0316i	−0.3420+0.8094i
14.4	−2.5139+2.6574i	−0.4637+0.5613i	−2.4379+0.4697i	0.6800−0.0603i	−0.4916+0.4243i	0.5052−1.1306i	−0.0635+0.0659i	−0.2886+0.9405i
14.5	−2.4215+3.2023i	−0.4123+0.6872i	−2.5596+0.6484i	0.7030−0.0670i	−0.4680+0.5131i	0.4331−1.3003i	−0.0438+0.0632i	−0.2136+1.0667i
14.6	−2.1965+4.1541i	−0.2979+0.8865i	−2.7649+0.8560i	0.7588+0.0404i	−0.4044+0.6988i	0.3633−1.5663i	−0.0093+0.0912i	−0.1582+1.2849i
14.7	−1.6345+4.7724i	−0.1244+1.0436i	−2.7739+1.0805i	0.8015+0.0403i	−0.3071+0.8464i	0.1838−1.7152i	−0.0247+0.0905i	−0.0149+1.4178i
14.8	0.0768+4.7617i	0.3774+0.9846i	−2.7530+1.3662i	1.0975+0.0125i	−0.0095+0.9581i	−0.3493−1.5956i	−0.0317+0.1419i	0.4658+1.2969i
14.9	1.0925+4.1406i	0.6770+0.7717i	−2.7613+1.6255i	1.3907−0.1982i	0.1874+0.9591i	−0.6493−1.3435i	−0.0133+0.1443i	0.7747+1.0408i
15.0	1.1614+3.4070i	0.7276+0.5071i	−2.9095+1.6293i	1.5668−0.4454i	0.3702+0.8570i	−0.4989−1.1738i	0.0356+0.1014i	0.6426+0.8776i
15.1	0.8569+2.6698i	0.7101+0.2270i	−3.2801+1.7685i	1.6033−0.8101i	0.3625+0.7534i	−0.4167−0.9786i	−0.0655+0.1414i	0.6322+0.6485i
15.2	0.2543+2.3312i	0.6137−0.0007i	−3.6082+2.2001i	1.4813−1.0660i	0.1361+0.6232i	−0.4466−0.9820i	−0.2593+0.1598i	0.7626+0.6006i
15.3	−0.4155+2.3848i	0.4771−0.1466i	−3.8417+3.0845i	1.2202−1.5913i	0.0455+0.4428i	−0.4172−1.3700i	−0.3919+0.1134i	0.7592+0.9670i
15.4	−0.8602+2.9725i	0.3304−0.2024i	−4.0016+4.1807i	1.0934−2.1591i	0.0158+0.4194i	−0.3820−2.0019i	−0.4051−0.0240i	0.7094+1.5530i
15.5	−0.8125+4.1873i	0.1216−0.2028i	−3.5066+5.9081i	0.6216−2.7756i	0.0578+0.7311i	−0.8326−2.4621i	−0.5344+0.1948i	1.0634+1.8219i
15.6	0.1677+5.1034i	0.0389−0.0980i	−1.7938+7.1375i	−0.4224−3.1652i	0.6158+1.0335i	−1.2680−2.4806i	−0.4835+0.5720i	1.3025+1.6843i
15.7	1.7843+5.0776i	0.0208+0.0354i	0.7666+6.7962i	−1.5751−2.5596i	0.8240+1.0435i	−2.2632−1.7254i	−0.2361+1.1294i	2.0793+0.8863i
15.8	2.7674+4.9221i	0.0169+0.1091i	1.9245+6.1717i	−2.1048−1.9097i	1.1137+0.9405i	−2.8518−1.3704i	−0.0405+1.2362i	2.5780+0.6132i
15.9	3.8578+3.9422i	0.0709+0.1986i	3.1739+4.9714i	−2.5453−1.1715i	1.6907+0.5292i	−2.9641−0.5633i	0.2727+1.3431i	2.5759−0.0917i
16.0	4.0438+3.1447i	0.0669+0.1701i	3.2450+3.7828i	−2.1560−0.2543i	1.6740−0.0200i	−2.8129−0.0447i	0.7636+1.4592i	2.3709−0.5633i
16.1	4.1040+2.6242i	0.0699+0.1536i	3.1106+3.1283i	−1.7424+0.1934i	1.5213−0.3795i	−2.6859+0.2374i	1.2582+1.3501i	2.1685−0.7997i
16.2	3.9731+2.0269i	0.0993+0.1340i	2.9474+2.4760i	−1.3824+0.4661i	1.2615−0.4777i	−2.4234+0.7080i	1.6644+1.1417i	1.8507−1.2086i
16.3	3.9297+1.5894i	0.0735+0.1884i	2.7106+2.0011i	−0.9028+0.4889i	1.0179−0.6076i	−2.3219+0.9916i	2.0627+0.7435i	1.6940−1.4270i
16.4	3.8342+1.2945i	0.0816+0.2599i	2.4060+1.7567i	−0.5862+0.3153i	0.8800−0.6272i	−2.1355+1.1897i	2.3262+0.2823i	1.4756−1.5613i
16.5	3.6723+0.9979i	0.1512+0.3362i	2.1130+1.6178i	−0.4687−0.0465i	0.7839−0.5633i	−1.7552+1.3496i	2.3757−0.4250i	1.0729−1.6109i
16.6	3.6910+0.7525i	0.3344+0.3292i	1.9810+1.6898i	−0.7909−0.3481i	0.9338−0.4545i	−1.3485+1.5209i	1.9579−1.1691i	0.6921−1.6652i
16.7	3.4836+0.4147i	0.4204+0.1674i	1.8444+1.7563i	−1.0555−0.1520i	0.9473−0.6799i	−1.0910+1.4279i	1.4297−1.4835i	0.5028−1.4986i
16.8	3.0498+0.1523i	0.3690−0.0179i	1.9116+1.7220i	−1.1186+0.2794i	0.5990−0.7982i	−1.0081+1.3167i	0.9009−1.2533i	0.4846−1.3926i
16.9	2.8499+0.0162i	0.2891−0.0169i	2.0105+1.5506i	−1.0479+0.4379i	0.4444−0.7778i	−1.0954+1.4530i	0.9197−1.1076i	0.5622−1.5376i
17.0	2.6865+0.0379i	0.3047+0.0125i	1.9800+1.5086i	−1.0552+0.4986i	0.4214−0.6394i	−1.0254+1.8332i	0.8187−1.4503i	0.5295−1.9202i
17.1	2.6231+0.1742i	0.3504−0.0806i	2.0421+1.4775i	−0.8575+0.9908i	0.5002−0.6665i	0.0687+2.3953i	0.1535−1.8190i	−0.6784−2.5470i
17.2	2.7554+0.0640i	0.2255−0.1696i	2.0721+1.3007i	−0.3052+1.0520i	0.6116−0.9539i	0.8236+1.3949i	−0.2288−1.3089i	−1.5270−1.4095i
17.3	2.6992−0.1570i	0.1203−0.1525i	1.9995+1.1675i	0.0276+0.8479i	0.3374−1.2012i	0.5624+0.6633i	−0.0914−0.9967i	−1.2470−0.5573i
17.4	2.5407−0.2911i	0.1132−0.1040i	1.9219+1.1000i	0.0596+0.5169i	−0.0795−1.0047i	0.1597+0.5094i	−0.0432−1.0980i	−0.7848−0.2973i
17.5	2.4485−0.3520i	0.1053−0.0996i	1.8741+1.0911i	−0.1042+0.4079i	−0.2003−0.6682i	−0.0128+0.5977i	−0.3878−1.0781i	−0.5163−0.3286i
17.6	2.4293−0.4655i	0.1219−0.0997i	1.8576+1.0890i	−0.2548+0.5133i	−0.0786−0.5704i	−0.0093+0.5873i	−0.5592−0.8396i	−0.4612−0.3097i
17.7	2.2385−0.6864i	0.1015−0.1285i	1.8419+1.0599i	−0.1562+0.6921i	0.0222−0.5985i	−0.0712+0.5233i	−0.5040−0.5238i	−0.3498−0.2215i
17.8	2.0163−0.7494i	0.0433−0.1323i	1.8460+1.0663i	0.0234+0.6789i	0.0024−0.5610i	−0.1544+0.5914i	−0.4475−0.3855i	−0.1997−0.2799i
17.9	1.7941−0.8147i	0.0178−0.1128i	1.9240+1.0805i	0.0214+0.6982i	0.0210−0.6380i	−0.1111+0.6692i	−0.3303−0.2769i	−0.1750−0.3825i
18.0	1.6049−0.7974i	−0.0162−0.0728i	1.9890+1.0579i	0.0888+0.7167i	0.0119−0.6501i	−0.0212+0.7268i	−0.1984−0.1862i	−0.2227−0.4832i
18.1	1.4388−0.7293i	−0.0375−0.0478i	2.0552+0.9675i	0.3243+0.7710i	−0.2081−0.6772i	−0.0380+0.6878i	−0.1453−0.2066i	−0.2115−0.4655i
18.2	1.3302−0.6061i	−0.0334−0.0095i	2.0922+0.8817i	0.5072+0.7121i	−0.2706−0.6117i	0.0393+0.6805i	−0.1142−0.3033i	−0.3022−0.4635i

18.3	1.2793−0.4700i	−0.0402+0.0216i	2.1137+0.8035i	0.7158+0.5677i	−0.3234−0.4599i	0.0882+0.6884i	−0.1720−0.3059i	−0.3532−0.4654i
18.4	1.2566−0.3434i	−0.0485+0.0657i	2.1335+0.7494i	0.9833+0.4289i	−0.4055−0.4067i	0.0794+0.6305i	−0.2204−0.2512i	−0.3788−0.4100i
18.5	1.4189−0.2289i	0.0150+0.1474i	2.1107+0.7216i	1.1033−0.1898i	−0.4345−0.3223i	0.0560+0.5962i	−0.1917−0.2263i	−0.3914−0.2802i
18.6	1.6716−0.4012i	0.1544+0.1391i	2.1381+0.7298i	0.5018−0.8072i	−0.3593−0.1793i	0.0874+0.6555i	−0.1493−0.2155i	−0.3457−0.2049i
18.7	1.4953−0.7431i	0.1701−0.0004i	2.2299+0.6745i	−0.1394−0.3086i	−0.2028−0.2030i	0.2221+0.6135i	−0.1042−0.2478i	−0.2943−0.1868i
18.8	1.2500−0.8252i	0.1289−0.0626i	2.3392+0.5726i	−0.0689+0.1880i	−0.1686−0.2926i	0.3081+0.5030i	−0.0798−0.2914i	−0.3240−0.1430i
18.9	1.0640−0.7324i	0.0692−0.0720i	2.3697+0.4222i	0.2019+0.2573i	−0.1822−0.2553i	0.3119+0.4268i	−0.0984−0.2645i	−0.3109−0.1439i
19.0	0.9538−0.6689i	0.0243−0.0673i	2.3874+0.3133i	0.3615+0.2014i	−0.1717−0.1818i	0.3047+0.4091i	−0.0965−0.2297i	−0.2873−0.1698i
19.1	0.8499−0.5624i	−0.0098−0.0482i	2.4045+0.2009i	0.4468+0.1301i	−0.1617−0.1814i	0.2739+0.3437i	−0.1011−0.2548i	−0.2465−0.1418i
19.2	0.7950−0.4892i	−0.0272−0.0342i	2.4116+0.0688i	0.5097+0.0547i	−0.1340−0.1537i	0.2641+0.3257i	−0.0930−0.2470i	−0.2471−0.1449i
19.3	0.7597−0.4394i	−0.0347−0.0140i	2.4145−0.0519i	0.5540−0.0153i	−0.1286−0.1682i	0.2483+0.3057i	−0.0892−0.2587i	−0.2350−0.1505i
19.4	0.7280−0.3505i	−0.0461+0.0151i	2.3405−0.1380i	0.5585−0.1103i	−0.1356−0.1579i	0.2181+0.3074i	−0.1127−0.2455i	−0.2173−0.1751i
19.5	0.7140−0.2814i	−0.0464+0.0493i	2.2487−0.2399i	0.5509−0.2113i	−0.1252−0.1867i	0.2077+0.2836i	−0.1141−0.2890i	−0.2149−0.1501i
19.6	0.6912−0.2212i	−0.0446+0.0856i	2.1904−0.3064i	0.5383−0.3098i	−0.1370−0.2353i	0.2024+0.2607i	−0.1246−0.3508i	−0.1993−0.1385i
19.7	0.6921−0.1277i	−0.0284+0.1227i	2.1030−0.3323i	0.4829−0.4183i	−0.1613−0.2156i	0.2119+0.2764i	−0.1674−0.3548i	−0.2098−0.1677i
19.8	0.7436−0.0532i	0.0067+0.1440i	2.0363−0.2944i	0.3981−0.4932i	−0.1633−0.2006i	0.2399+0.2574i	−0.2119−0.3381i	−0.2528−0.1525i
19.9	0.7995−0.0253i	0.0479+0.1427i	2.0352−0.2632i	0.3050−0.4921i	−0.1485−0.2064i	0.2781+0.2255i	−0.2475−0.3133i	−0.2901−0.1293i
20.0	0.8434−0.0422i	0.0850+0.1160i	2.0635−0.3057i	0.2372−0.4446i	−0.1699−0.1656i	0.2799+0.1860i	−0.2832−0.2402i	−0.2894−0.1021i
20.1	0.8666−0.0557i	0.0972+0.0947i	2.1241−0.2756i	0.2463−0.4031i	−0.1719−0.1484i	0.2590+0.1418i	−0.2750−0.1818i	−0.2693−0.0601i
20.2	0.8755−0.0658i	0.0918+0.0846i	2.1623−0.2447i	0.2744−0.4481i	−0.1481−0.1556i	0.2448+0.1028i	−0.2445−0.1669i	−0.2535−0.0125i
20.3	0.8627−0.0698i	0.0910+0.0866i	2.2651−0.2914i	0.2469−0.5444i	−0.1515−0.1354i	0.2209+0.0848i	−0.2245−0.1466i	−0.2213+0.0100i
20.4	0.8302−0.0698i	0.0913+0.0845i	2.3450−0.3675i	0.2042−0.6030i	−0.1750−0.1248i	0.1789+0.0642i	−0.2320−0.1324i	−0.1712+0.0258i
20.5	0.8464−0.0515i	0.1074+0.0881i	2.4928−0.4905i	0.1098−0.6503i	−0.1462−0.1475i	0.1690+0.0436i	−0.2137−0.1550i	−0.1509+0.0377i
20.6	0.8634−0.0376i	0.1247+0.0855i	2.6026−0.6127i	0.0170−0.6596i	−0.1169−0.1352i	0.1652+0.0500i	−0.1899−0.1451i	−0.1444+0.0173i
20.7	0.8880−0.0107i	0.1471+0.0843i	2.7534−0.7378i	−0.0780−0.6436i	−0.1392−0.1209i	0.1309+0.0511i	−0.2038−0.1224i	−0.1121−0.0049i
20.8	0.8868−0.0343i	0.1582+0.0646i	2.8526−0.9822i	−0.1797−0.6267i	−0.1095−0.1540i	0.1075+0.0430i	−0.1587−0.1311i	−0.0756−0.0155i
20.9	0.8572−0.0141i	0.1580+0.0535i	2.8312−1.2680i	−0.2609−0.5526i	−0.1459−0.1908i	0.0830+0.0609i	−0.1733−0.1914i	−0.0460−0.0736i
21.0	0.8713−0.0028i	0.1673+0.0414i	2.8292−1.5455i	−0.2796−0.4906i	−0.1641−0.1889i	0.0976+0.0710i	−0.2048−0.1954i	−0.0903−0.0971i
21.1	0.9297+0.0102i	0.1969+0.0271i	2.9469−1.9590i	−0.3033−0.4603i	−0.1786−0.1766i	0.1164+0.0842i	−0.2246−0.1849i	−0.1377−0.1152i
21.2	0.9658+0.0232i	0.2040+0.0034i	2.9004−2.2687i	−0.3015−0.3887i	−0.1740−0.1576i	0.1260+0.0934i	−0.2294−0.1651i	−0.1752−0.1317i
21.3	0.9718+0.0234i	0.1976−0.0257i	2.6918−2.5277i	−0.3068−0.3163i	−0.1629−0.1336i	0.1261+0.0820i	−0.2310−0.1467i	−0.1822−0.1209i
21.4	0.9772+0.0096i	0.1912−0.0592i	2.3834−2.9388i	−0.3215−0.2471i	−0.1760−0.1299i	0.1131+0.0554i	−0.2353−0.1348i	−0.1697−0.0913i
21.5	1.0163−0.0022i	0.1876−0.0820i	2.1009−3.2489i	−0.2942−0.2372i	−0.1959−0.1178i	0.1055+0.0459i	−0.2593−0.1258i	−0.1815−0.0765i
21.6	1.0290−0.0612i	0.1568−0.1119i	1.5039−3.5078i	−0.2995−0.2422i	−0.1905−0.1156i	0.1223+0.0258i	−0.2681−0.1174i	−0.2206−0.0353i
21.7	1.0307−0.0474i	0.1313−0.1212i	1.1061−3.5581i	−0.2879−0.2395i	−0.1874−0.0982i	0.1157+0.0220i	−0.2680−0.0918i	−0.2262−0.0339i
21.8	1.0027−0.0729i	0.0887−0.1247i	0.3747−3.4515i	−0.2938−0.2322i	−0.1943−0.0768i	0.0946+0.0063i	−0.2703−0.0540i	−0.2036+0.0052i
21.9	0.9988−0.0790i	0.0627−0.1047i	0.0214−2.9907i	−0.3033−0.1792i	−0.1515−0.0638i	0.0797+0.0134i	−0.2293−0.0375i	−0.1834+0.0043i
22.0	1.0231−0.0849i	0.0449−0.0861i	−0.2979−2.6160i	−0.3112−0.1464i	−0.1591−0.0716i	0.0398+0.0033i	−0.2165−0.0378i	−0.1194+0.0169i
22.1	1.0574−0.0982i	0.0472−0.0802i	−0.3610−2.5096i	−0.2876−0.1182i	−0.1653−0.0958i	0.0230+0.0010i	−0.2219−0.0642i	−0.0955+0.0017i
22.2	1.0419−0.1169i	0.0434−0.0663i	−0.3826−2.1656i	−0.3003−0.0694i	−0.1375−0.1112i	0.0478+0.0094i	−0.1966−0.0728i	−0.1332+0.0024i
22.3	1.0446−0.1427i	0.0354−0.0659i	−0.4202−2.0695i	−0.2982−0.0714i	−0.1365−0.1020i	0.0649+0.0305i	−0.1982−0.0606i	−0.1750−0.0058i
22.4	1.0949−0.1795i	0.0423−0.0720i	−0.4057−2.0265i	−0.2681−0.0541i	−0.1944−0.0901i	0.0243+0.0328i	−0.2311−0.0540i	−0.1298−0.0134i
22.5	1.0853−0.2226i	0.0480−0.0659i	−0.2593−1.9036i	−0.2477−0.0663i	−0.1742−0.0824i	0.0486+0.0253i	−0.2194−0.0583i	−0.1696+0.0002i
22.6	1.0657−0.2618i	0.0491−0.0634i	−0.2118−1.8891i	−0.2588−0.0702i	−0.1709−0.0788i	0.0593+0.0164i	−0.2187−0.0620i	−0.1806+0.0249i
22.7	1.0721−0.2796i	0.0476−0.0701i	−0.1988−1.9586i	−0.2514−0.0322i	−0.1796−0.0673i	0.0439+0.0247i	−0.2289−0.0556i	−0.1726+0.0095i
22.8	1.0485−0.3158i	0.0422−0.0731i	−0.3366−1.9985i	−0.2128−0.0066i	−0.1726−0.0430i	0.0405+0.0404i	−0.2381−0.0448i	−0.1768+0.0059i
22.9	1.0359−0.3447i	0.0354−0.0799i	−0.3530−2.0988i	−0.1329−0.0304i	−0.1666−0.0547i	0.0561+0.0387i	−0.2579−0.0368i	−0.2118+0.0126i
23.0	0.9880−0.3981i	0.0313−0.0924i	−0.4646−2.2634i	−0.1017−0.0639i	−0.1820−0.0381i	0.0549+0.0229i	−0.2820+0.0098i	−0.2057+0.0430i
23.1	0.9207−0.4382i	0.0101−0.0918i	−0.7726−2.2907i	−0.1664−0.0674i	−0.1645−0.0175i	0.0568+0.0122i	−0.2491+0.0483i	−0.1935+0.0724i
23.2	0.8964−0.4045i	0.0026−0.0810i	−0.9712−2.0589i	−0.1819−0.0774i	−0.1748−0.0295i	0.0286−0.0047i	−0.2314+0.0398i	−0.1529+0.0875i
23.3	0.8360−0.3802i	−0.0130−0.0706i	−1.3106−1.8734i	−0.1671−0.0535i	−0.1902−0.0179i	−0.0175−0.0042i	−0.2241+0.0416i	−0.0672+0.0673i
23.4	0.8017−0.3680i	−0.0241−0.0661i	−1.5536−1.8065i	−0.2025−0.0295i	−0.1896−0.0330i	−0.0163−0.0087i	−0.2210+0.0374i	−0.0694+0.0991i
23.5	0.7950−0.3437i	−0.0226−0.0539i	−1.6984−1.5412i	−0.2101−0.0467i	−0.1907−0.0341i	−0.0129+0.0024i	−0.2115+0.0375i	−0.0872+0.0770i
23.6	0.8111−0.3381i	−0.0213−0.0421i	−1.6843−1.2486i	−0.1548−0.0362i	−0.1761−0.0222i	−0.0237+0.0210i	−0.1914+0.0340i	−0.0734+0.0295i
23.7	0.8108−0.3484i	−0.0271−0.0272i	−1.7709−0.7484i	−0.1345+0.0008i	−0.1787−0.0186i	−0.0264+0.0278i	−0.1858+0.0295i	−0.0643+0.0284i
23.8	0.8217−0.3589i	−0.0246−0.0150i	−1.6847−0.5559i	−0.1168+0.0278i	−0.1522−0.0199i	−0.0043+0.0234i	−0.1710+0.0324i	−0.1000+0.0739i
23.9	0.8143−0.3451i	−0.0172−0.0027i	−1.4116−0.2974i	−0.0764+0.0040i	−0.1541−0.0166i	−0.0008+0.0264i	−0.1727+0.0368i	−0.1189+0.0863i
24.0	0.8134−0.3284i	−0.0115−0.0022i	−1.2333−0.2390i	−0.0562−0.0254i	−0.1731−0.0344i	−0.0244+0.0228i	−0.1857+0.0116i	−0.0801+0.0573i
24.1	0.7941−0.3472i	−0.0044+0.0047i	−1.1127−0.0614i	−0.0618−0.0486i	−0.2065−0.0268i	−0.0358+0.0363i	−0.2081+0.0033i	−0.0738+0.0540i
24.2	0.8197−0.3455i	0.0037+0.0043i	−1.0634−0.0074i	−0.0874−0.0563i	−0.2147+0.0018i	−0.0231+0.0562i	−0.2506+0.0199i	−0.1338+0.0387i
24.3	0.7963−0.3178i	0.0040+0.0103i	−0.9279+0.0294i	−0.0565−0.0488i	−0.1786−0.0092i	−0.0138+0.0446i	−0.2296+0.0217i	−0.1072+0.0575i
24.4	0.7680−0.3048i	0.0080+0.0073i	−0.7693+0.0276i	−0.0713−0.0859i	−0.1822+0.0260i	−0.0093+0.0645i	−0.2306+0.0518i	−0.1081+0.0466i
24.5	0.7785−0.3438i	0.0174−0.0013i	−0.7200+0.0266i	−0.0915−0.0988i	−0.2014+0.0273i	−0.0118+0.0477i	−0.2343+0.0721i	−0.1059+0.0884i

24.6	0.7997−0.3577i	0.0244+0.0045i	−0.6915+0.0638i	−0.0889−0.1273i	−0.2047+0.0196i	−0.0181+0.0521i	−0.2489+0.0684i	−0.1311+0.0767i
24.7	0.8107−0.3752i	0.0308+0.0044i	−0.6449+0.0838i	−0.1260−0.1214i	−0.2264+0.0486i	−0.0294+0.0578i	−0.2765+0.0948i	−0.1282+0.0748i
24.8	0.7922−0.3619i	0.0282+0.0009i	−0.5420+0.0813i	−0.1474−0.1476i	−0.2296+0.0665i	−0.0312+0.0611i	−0.2565+0.1051i	−0.1224+0.0691i
24.9	0.7656−0.3304i	0.0277+0.0078i	−0.4481+0.0913i	−0.1603−0.1357i	−0.2027+0.0741i	−0.0207+0.0681i	−0.2463+0.1087i	−0.1100+0.0613i
25.0	0.7771−0.3351i	0.0286+0.0099i	−0.4482+0.0805i	−0.2063−0.1099i	−0.1970+0.0710i	−0.0203+0.0689i	−0.2519+0.0971i	−0.0963+0.0635i
25.1	0.7673−0.3663i	0.0284+0.0080i	−0.4064+0.1591i	−0.1937−0.0921i	−0.2040+0.1101i	−0.0273+0.0905i	−0.2505+0.1293i	−0.1004+0.0539i
25.2	0.7362−0.4085i	0.0321−0.0014i	−0.3482+0.1893i	−0.1786−0.0607i	−0.1913+0.1121i	−0.0302+0.0816i	−0.2392+0.1541i	−0.0567+0.0785i
25.3	0.7410−0.3531i	0.0408+0.0051i	−0.2382+0.1195i	−0.1912−0.0835i	−0.1230+0.0782i	0.0022+0.0720i	−0.1978+0.1522i	−0.0782+0.0721i
25.4	0.7541−0.3403i	0.0474+0.0058i	−0.2080+0.1189i	−0.2289−0.0553i	−0.1276+0.0912i	0.0098+0.0888i	−0.2114+0.1781i	−0.1203+0.0458i
25.5	0.7666−0.3817i	0.0565−0.0083i	−0.2143+0.1434i	−0.2435+0.0017i	−0.1659+0.0853i	−0.0107+0.0871i	−0.2354+0.1977i	−0.0922+0.0468i
25.6	0.7383−0.3125i	0.0611−0.0080i	−0.0861+0.0867i	−0.2183−0.0382i	−0.1511+0.0431i	−0.0133+0.0549i	−0.2083+0.1653i	−0.0700+0.0620i
25.7	0.7773−0.3298i	0.0690−0.0113i	−0.0515+0.0786i	−0.2219+0.0089i	−0.2092+0.0700i	−0.0278+0.0802i	−0.2355+0.1802i	−0.0784+0.0347i
25.8	0.7828−0.3506i	0.0665−0.0199i	−0.0280+0.0826i	−0.2152+0.0247i	−0.2133+0.0781i	−0.0183+0.0860i	−0.2215+0.1914i	−0.0936+0.0475i
25.9	0.7216−0.3575i	0.0572−0.0263i	0.0395+0.0988i	−0.1355+0.0455i	−0.1572+0.0924i	0.0104+0.0903i	−0.1649+0.2162i	−0.1228+0.0697i
26.0	0.6926−0.4552i	0.0462−0.0514i	0.0430+0.1320i	−0.0724+0.1230i	−0.1611+0.1399i	0.0324+0.1081i	−0.1345+0.2900i	−0.1503+0.1422i
26.1	0.7159−0.4026i	0.0355−0.0510i	0.0764+0.0559i	−0.0717+0.0663i	−0.1570+0.1267i	0.0245+0.0772i	−0.1210+0.2675i	−0.1046+0.1632i
26.2	0.7283−0.3533i	0.0370−0.0421i	0.1315+0.0140i	−0.0879+0.0313i	−0.1457+0.1399i	0.0184+0.0745i	−0.1126+0.2663i	−0.0793+0.1347i
26.3	0.6859−0.3841i	0.0269−0.0276i	0.1441+0.0467i	−0.0210+0.0370i	−0.1232+0.1383i	0.0279+0.0695i	−0.0804+0.2419i	−0.0493+0.1452i
26.4	0.6657−0.4089i	0.0233−0.0167i	0.1675+0.0604i	0.0125+0.0134i	−0.0934+0.1888i	0.0389+0.0821i	−0.0578+0.2658i	−0.0519+0.1533i
26.5	0.7255−0.4448i	0.0263−0.0268i	0.1804+0.0097i	0.0060+0.0212i	−0.0946+0.2088i	0.0446+0.0829i	−0.0441+0.3115i	−0.0566+0.1681i
26.6	0.7569−0.4754i	0.0275−0.0270i	0.1946−0.0143i	0.0176+0.0307i	−0.0944+0.2256i	0.0442+0.0959i	−0.0257+0.3208i	−0.0384+0.1562i
26.7	0.7876−0.3986i	0.0476−0.0169i	0.2758−0.0383i	0.0026−0.0592i	−0.1101+0.1835i	0.0220+0.0830i	−0.0430+0.2871i	−0.0389+0.1106i
26.8	0.8195−0.4297i	0.0505−0.0258i	0.2863−0.0734i	−0.0170−0.0655i	−0.0937+0.1755i	0.0331+0.0801i	−0.0255+0.3006i	−0.0461+0.1396i
26.9	0.8432−0.5089i	0.0510−0.0349i	0.3012−0.0856i	−0.0309−0.0876i	−0.1056+0.1558i	0.0368+0.0684i	0.0071+0.2786i	−0.0136+0.1753i
27.0	0.8586−0.6368i	0.0496−0.0460i	0.3095−0.1233i	−0.0339−0.0853i	−0.0847+0.1890i	0.0541+0.0772i	0.0704+0.3157i	−0.0178+0.1994i
27.1	0.7691−0.7174i	0.0443−0.0476i	0.3447−0.1432i	−0.0095−0.0925i	−0.0650+0.2197i	0.0515+0.0680i	0.1037+0.2831i	0.0415+0.1934i
27.2	0.6972−0.7278i	0.0492−0.0457i	0.4057−0.1658i	0.0024−0.1403i	−0.0682+0.2250i	0.0410+0.0451i	0.1088+0.2402i	0.1148+0.1767i
27.3	0.6613−0.7149i	0.0613−0.0444i	0.4560−0.1910i	−0.0358−0.2027i	−0.0738+0.2185i	0.0217+0.0322i	0.0989+0.2099i	0.1364+0.1548i
27.4	0.7098−0.7715i	0.0877−0.0697i	0.5541−0.2853i	−0.1549−0.2525i	−0.0103+0.2087i	0.0420+0.0375i	0.1343+0.1862i	0.0671+0.1527i
27.5	0.6572−0.8569i	0.0829−0.0891i	0.5609−0.3803i	−0.1943−0.2129i	0.0522+0.2235i	0.0602+0.0515i	0.1855+0.1704i	0.0911+0.1251i
27.6	0.5678−0.9036i	0.0656−0.1104i	0.5829−0.4860i	−0.2302−0.1512i	0.0361+0.2243i	0.0439+0.0435i	0.1369+0.1595i	0.1347+0.1131i
27.7	0.4704−0.9368i	0.0548−0.1255i	0.5462−0.6059i	−0.2623−0.1671i	0.0686+0.1862i	0.0395+0.0409i	0.1412+0.1228i	0.1468+0.0494i
27.8	0.3798−0.8612i	0.0519−0.1187i	0.5176−0.6270i	−0.2836−0.1826i	0.0712+0.1675i	0.0304+0.0489i	0.1239+0.1141i	0.0980−0.0177i
27.9	0.2707−0.8465i	0.0306−0.1167i	0.4657−0.7057i	−0.3169−0.1499i	0.0651+0.1404i	0.0197+0.0451i	0.1078+0.0875i	0.0928−0.0255i
28.0	0.2489−0.8172i	0.0302−0.1289i	0.4928−0.8272i	−0.3918−0.1360i	0.0656+0.1051i	0.0147+0.0458i	0.0850+0.0727i	0.0614−0.0397i
28.1	0.1863−0.7366i	0.0230−0.1280i	0.4068−0.8761i	−0.4151−0.0981i	0.0444+0.0821i	0.0132+0.0412i	0.0577+0.0590i	0.0421−0.0522i
28.2	0.0430−0.6758i	−0.0124−0.1169i	0.1790−0.8863i	−0.3684+0.0216i	0.0257+0.0686i	0.0199+0.0362i	0.0529+0.0469i	0.0082−0.0383i
28.3	0.1080−0.6005i	−0.0081−0.1188i	0.1931−0.9076i	−0.3970+0.0451i	0.0400+0.0132i	0.0453+0.0170i	0.0471+0.0265i	−0.0368−0.0110i
28.4	0.0319−0.5892i	−0.0236−0.1332i	0.0078−0.9668i	−0.3788+0.1867i	0.0340+0.0267i	0.0423+0.0277i	0.0499+0.0486i	−0.0156−0.0204i
28.5	−0.0059−0.5539i	−0.0376−0.1335i	−0.0927−0.9772i	−0.3416+0.2432i	−0.0120+0.0276i	0.0232+0.0244i	0.0160+0.0496i	−0.0191+0.0017i
28.6	−0.0028−0.5199i	−0.0540−0.1349i	−0.1537−1.0587i	−0.3160+0.2596i	−0.0169+0.0140i	0.0304+0.0202i	0.0261+0.0400i	−0.0570+0.0519i
28.7	0.0212−0.4384i	−0.0511−0.1238i	−0.2159−0.9803i	−0.2703+0.2145i	0.0045+0.0029i	0.0404+0.0050i	0.0422+0.0298i	−0.0620+0.0432i
28.8	0.0303−0.3935i	−0.0622−0.1259i	−0.2888−0.9336i	−0.2399+0.2194i	−0.0289+0.0169i	0.0216+0.0066i	0.0170+0.0427i	−0.0509+0.0407i
28.9	0.0142−0.3578i	−0.0843−0.1209i	−0.3958−0.8650i	−0.1970+0.2465i	−0.0276+0.0323i	0.0215+0.0099i	0.0263+0.0446i	−0.0239+0.0728i
29.0	0.0066−0.3263i	−0.0946−0.1075i	−0.4742−0.7638i	−0.1727+0.2742i	−0.0278+0.0535i	0.0242+0.0133i	0.0334+0.0562i	−0.0238+0.0820i
29.1	0.0475−0.2927i	−0.0813−0.1060i	−0.4374−0.7750i	−0.2114+0.2353i	−0.0361+0.0580i	0.0235+0.0197i	0.0137+0.0510i	−0.0163+0.0771i
29.2	0.0725−0.2809i	−0.0937−0.1119i	−0.4727−0.7891i	−0.2125+0.2519i	−0.0460+0.0909i	0.0225+0.0217i	0.0082+0.0706i	−0.0239+0.0602i
29.3	0.0938−0.2619i	−0.1082−0.1050i	−0.5766−0.7737i	−0.1657+0.2927i	0.0028+0.0844i	0.0355+0.0146i	0.0545+0.0784i	−0.0631+0.0890i
29.4	0.1082−0.2585i	−0.1147−0.1134i	−0.6284−0.7356i	−0.1523+0.3302i	0.0360+0.1003i	0.0456+0.0275i	0.0837+0.0944i	−0.0717+0.1101i
29.5	0.1264−0.2543i	−0.1214−0.1151i	−0.6574−0.6878i	−0.1537+0.3236i	−0.0044+0.0589i	0.0350+0.0022i	0.0568+0.0605i	−0.0388+0.1584i
29.6	0.1218−0.2032i	−0.1169−0.0806i	−0.5643−0.5637i	−0.1107+0.2935i	0.0017+0.0532i	0.0237−0.0051i	0.0380+0.0501i	−0.0033+0.1295i
29.7	0.1240−0.1928i	−0.1210−0.0613i	−0.5866−0.4169i	−0.0468+0.2973i	−0.0213+0.0817i	0.0143+0.0092i	0.0196+0.0714i	0.0325+0.1195i
29.8	0.1501−0.1829i	−0.1335−0.0645i	−0.6689−0.4410i	−0.0840+0.3218i	−0.0812+0.1182i	0.0125−0.0010i	−0.0072+0.1023i	0.0605+0.1337i
29.9	0.1647−0.1559i	−0.1585−0.0478i	−0.7575−0.4335i	0.0488+0.3256i	0.0085+0.2470i	0.0452+0.0187i	0.0725+0.1994i	0.0793+0.1453i
30.0	0.1776−0.1424i	−0.1525−0.0429i	−0.6529−0.3903i	0.0645+0.2916i	0.0365+0.1380i	0.0519−0.0032i	0.0889+0.1235i	0.0106+0.1740i
30.1	0.2029−0.1560i	−0.1343−0.0579i	−0.5207−0.3382i	0.0184+0.2740i	0.0511+0.0682i	0.0349−0.0052i	0.1067+0.0633i	−0.0115+0.1376i
30.2	0.2385−0.1375i	−0.1254−0.0592i	−0.5255−0.3908i	0.0139+0.2933i	0.0694+0.1206i	0.0175+0.0197i	0.1173+0.1092i	−0.0013+0.0770i
30.3	0.2438−0.1341i	−0.1160−0.0481i	−0.4878−0.3361i	0.0318+0.2760i	0.0578+0.1258i	0.0123+0.0269i	0.1063+0.1021i	−0.0065+0.0916i
30.4	0.2176−0.1325i	−0.1184−0.0307i	−0.4082−0.1890i	0.0575+0.2497i	−0.0175+0.0963i	0.0009+0.0068i	0.0572+0.0724i	0.0621+0.0933i
30.5	0.2146−0.1440i	−0.1349−0.0224i	−0.4880−0.1114i	0.1157+0.2781i	0.0276+0.1222i	0.0034+0.0032i	0.0898+0.0668i	0.0604+0.0671i
30.6	0.2239−0.1456i	−0.1544−0.0294i	−0.5377−0.1460i	0.1334+0.3162i	0.0608+0.1034i	0.0234−0.0017i	0.1152+0.0669i	0.0703+0.0989i
30.7	0.2531−0.1272i	−0.1525−0.0287i	−0.5267−0.2204i	0.1265+0.2972i	0.0617+0.1323i	0.0165+0.0021i	0.1035+0.0678i	0.0695+0.0712i
30.8	0.2198−0.1066i	−0.1396−0.0007i	−0.3492−0.1179i	0.1585+0.2167i	0.0370+0.1396i	−0.0111+0.0056i	0.0747+0.0535i	0.0960+0.0257i

30.9	0.2280−0.1126i	−0.1409+0.0080i	−0.3737−0.0376i	0.1728+0.1742i	0.1473+0.0422i	0.0360+0.0043i	0.1310−0.0042i	0.0129+0.0569i
31.0	0.2642−0.1073i	−0.1368+0.0052i	−0.3714−0.0725i	0.1716+0.1759i	0.1541+0.0632i	0.0209+0.0112i	0.1313+0.0222i	−0.0043+0.0604i
31.1	0.2836−0.0879i	−0.1300+0.0068i	−0.3616−0.1253i	0.1701+0.1379i	0.1361+0.0482i	0.0149+0.0118i	0.1128+0.0349i	−0.0072+0.0823i
31.2	0.2616−0.1127i	−0.1219+0.0303i	−0.3283+0.0089i	0.1789+0.1079i	0.1033+0.0232i	0.0166+0.0034i	0.0963+0.0222i	0.0631+0.0909i
31.3	0.2588−0.1044i	−0.1092+0.0217i	−0.1838−0.0006i	0.1729+0.1136i	0.0799+0.0775i	−0.0058+0.0010i	0.0847+0.0331i	0.0837+0.0522i
31.4	0.3086−0.1178i	−0.1275+0.0119i	−0.2716−0.0498i	0.1737+0.1394i	0.1293+0.0660i	0.0047−0.0002i	0.1300+0.0117i	0.0688+0.0708i
31.5	0.3207−0.1518i	−0.1345+0.0221i	−0.2881+0.0098i	0.1766+0.1417i	0.0813−0.0042i	0.0041−0.0260i	0.1014−0.0306i	0.1127+0.1152i
31.6	0.2838−0.1395i	−0.1081+0.0143i	−0.1325−0.0492i	0.1778+0.1211i	0.0609+0.0282i	−0.0174−0.0169i	0.0714−0.0055i	0.1109+0.0744i
31.7	0.2908−0.1004i	−0.0992+0.0069i	−0.0254−0.1628i	0.1652+0.0960i	0.1087+0.0295i	−0.0001+0.0095i	0.0910+0.0033i	0.0681+0.0713i
31.8	0.2954−0.1182i	−0.0966−0.0091i	0.0210−0.1346i	0.1593+0.1229i	0.0687−0.0044i	−0.0125+0.0013i	0.0778−0.0099i	0.1031+0.0692i
31.9	0.2702−0.1298i	−0.1017+0.0114i	0.0377−0.0502i	0.1746+0.0978i	0.0549−0.0307i	−0.0198−0.0213i	0.0558−0.0341i	0.1065+0.0789i
32.0	0.2445−0.1441i	−0.0919+0.0359i	0.1512−0.0469i	0.1737+0.0435i	0.1367+0.0082i	0.0048−0.0061i	0.0739−0.0481i	0.0266+0.0150i
32.1	0.2283−0.1376i	−0.1210+0.0205i	0.2115−0.0980i	0.2447+0.0830i	0.0854+0.0007i	−0.0114−0.0183i	0.0557−0.0574i	0.0784+0.0245i
32.2	0.2488−0.1380i	−0.1397−0.0009i	0.0162−0.2580i	0.2524+0.0859i	0.0878−0.0117i	−0.0095−0.0148i	0.0520−0.0433i	0.0797+0.0120i
32.3	0.2785−0.0914i	−0.1407−0.0059i	0.0301−0.3868i	0.2600+0.0744i	0.1012−0.0168i	−0.0153−0.0111i	0.0477−0.0433i	0.0554+0.0462i
32.4	0.2535−0.0207i	−0.1400+0.0046i	0.1907−0.5161i	0.2761+0.0291i	0.1224+0.0096i	−0.0109−0.0028i	0.0523−0.0327i	0.0213+0.0254i
32.5	0.2532+0.0143i	−0.1433+0.0190i	0.2045−0.5610i	0.2691−0.0107i	0.0530−0.0563i	−0.0102−0.0192i	0.0304−0.0493i	0.0611+0.0697i
32.6	0.2466−0.1005i	−0.1560+0.0320i	0.1876−0.4058i	0.2933−0.0247i	0.0652−0.1269i	−0.0126−0.0223i	0.0151−0.0825i	0.0285+0.1148i
32.7	0.2123−0.0465i	−0.1704+0.0150i	0.2522−0.5505i	0.3315−0.0276i	0.0464−0.0643i	−0.0272−0.0043i	0.0018−0.0437i	0.0241+0.0673i
32.8	0.2063+0.0230i	−0.1953+0.0213i	0.1500−0.7157i	0.3542−0.0628i	0.1581−0.0146i	−0.0284+0.0510i	0.0369−0.0084i	−0.0809+0.0342i
32.9	0.1924−0.0388i	−0.1843+0.0324i	0.1526−0.7370i	0.3394−0.0770i	0.1348−0.0495i	−0.0318+0.0332i	0.0175−0.0317i	−0.0339+0.0703i
33.0	0.2392−0.0104i	−0.1690+0.0574i	0.0498−0.6042i	0.3001−0.1135i	0.0301−0.0243i	−0.0396−0.0088i	−0.0041−0.0075i	0.1048+0.0224i
33.1	0.2781−0.0092i	−0.1760+0.0613i	−0.0560−0.6044i	0.2841−0.1195i	0.0687−0.0635i	−0.0360+0.0137i	0.0077−0.0075i	0.0344+0.0552i
33.2	0.2603+0.0163i	−0.1773+0.0584i	−0.0485−0.7700i	0.2830−0.1349i	0.0350−0.0531i	−0.0240+0.0140i	−0.0044−0.0186i	0.0056+0.0615i
33.3	0.2319+0.0328i	−0.1840+0.0690i	−0.1123−0.6889i	0.2816−0.1565i	−0.0124−0.0183i	−0.0324+0.0074i	−0.0348+0.0084i	0.0890+0.0292i
33.4	0.2500+0.0538i	−0.1834+0.0973i	−0.1458−0.6327i	0.2648−0.1949i	0.0067−0.0826i	−0.0147+0.0077i	−0.0274−0.0108i	0.0855+0.1080i
33.5	0.2639+0.0406i	−0.1965+0.1185i	−0.2513−0.7113i	0.2938−0.2369i	−0.0171−0.0752i	−0.0162+0.0123i	−0.0431−0.0223i	0.0949+0.0943i
33.6	0.2343+0.0468i	−0.1800+0.1488i	−0.1704−0.7190i	0.2777−0.2738i	−0.0201−0.0391i	−0.0356+0.0268i	−0.0462+0.0046i	0.0824+0.0433i
33.7	0.2164+0.0861i	−0.1620+0.1776i	−0.1880−0.7101i	0.2598−0.3473i	0.0357−0.0695i	−0.0253+0.0590i	−0.0292+0.0309i	0.0252+0.0597i
33.8	0.2388+0.1124i	−0.1551+0.1968i	−0.0835−0.8428i	0.2799−0.3748i	−0.0018−0.0778i	−0.0167+0.0333i	−0.0405+0.0303i	0.0857+0.0974i
33.9	0.3080+0.1078i	−0.1480+0.1913i	−0.0609−0.8077i	0.2432−0.3679i	−0.0287−0.0404i	−0.0307+0.0144i	−0.0630+0.0418i	0.0860+0.0787i
34.0	0.2800+0.1144i	−0.1488+0.2245i	0.0041−0.7500i	0.2181−0.4116i	−0.0092+0.0015i	−0.0517+0.0436i	−0.0317+0.0807i	0.0753+0.0056i
34.1	0.2723+0.1687i	−0.1459+0.2388i	−0.1405−0.7948i	0.1996−0.4269i	0.0332−0.0025i	−0.0492+0.0731i	−0.0101+0.0896i	0.0233+0.0157i
34.2	0.2813+0.1848i	−0.1339+0.2279i	−0.2247−0.8666i	0.2013−0.3984i	0.0396−0.0102i	−0.0477+0.0521i	0.0027+0.0799i	0.0167+0.0377i
34.3	0.3081+0.1895i	−0.1240+0.2271i	−0.2681−0.7950i	0.1818−0.4086i	0.0208−0.0008i	−0.0329+0.0230i	0.0133+0.0739i	0.0367+0.0310i
34.4	0.3370+0.1468i	−0.1047+0.2409i	−0.4273−0.7647i	0.1416−0.4892i	0.0411−0.0159i	−0.0409+0.0327i	−0.0001+0.0725i	0.0140+0.0528i
34.5	0.3696+0.1353i	−0.0912+0.2714i	−0.5267−0.7080i	0.0740−0.5579i	0.0266−0.0101i	−0.0401+0.0370i	0.0005+0.0974i	0.0411+0.0467i
34.6	0.3876+0.1712i	−0.0747+0.2723i	−0.6654−0.8502i	0.0624−0.5995i	0.0266−0.0420i	0.0169+0.0063i	0.0092+0.0889i	0.0600+0.0694i
34.7	0.3591+0.2054i	−0.0494+0.2541i	−0.5641−0.8946i	0.0405−0.5600i	0.0325−0.0652i	0.0302+0.0127i	0.0448+0.0807i	0.0496+0.0912i
34.8	0.3359+0.2213i	−0.0271+0.2477i	−0.4292−0.8901i	0.0040−0.5246i	0.0046−0.0597i	−0.0095+0.0098i	0.0209+0.0271i	0.0683+0.0542i
34.9	0.3716+0.1500i	−0.0395+0.2453i	−0.6426−0.9015i	−0.0195−0.5291i	0.0314−0.0629i	−0.0106+0.0367i	0.0389+0.0396i	0.0386+0.0782i
35.0	0.4192+0.2065i	−0.0180+0.2696i	−0.7991−0.8482i	−0.0929−0.6027i	0.0088−0.0673i	−0.0141+0.0333i	0.0104+0.0757i	0.0336+0.0866i
35.1	0.4660+0.1917i	0.0115+0.2947i	−0.7445−0.6235i	−0.1957−0.5999i	0.0156−0.0779i	−0.0327+0.0530i	0.0422+0.0437i	−0.0014+0.0841i
35.2	0.4961+0.1925i	0.0351+0.2938i	−0.6696−0.4402i	−0.2510−0.5741i	0.0116−0.1034i	0.0102+0.0084i	0.1095+0.0258i	0.0564+0.1222i
35.3	0.4943+0.2221i	0.0473+0.2663i	−0.7165−0.4939i	−0.2628−0.5497i	0.0314−0.0942i	−0.0195+0.0383i	0.0667+0.0400i	0.0174+0.1213i
35.4	0.5074+0.2164i	0.0507+0.2655i	−0.8096−0.5345i	−0.2776−0.5589i	0.0168−0.0745i	−0.0301+0.0447i	0.0444+0.0308i	0.0279+0.0930i
35.5	0.5690+0.1911i	0.0802+0.2541i	−0.8338−0.4076i	−0.3653−0.5044i	0.0162−0.0730i	0.0106+0.0495i	0.1158+0.0681i	0.0469+0.1053i
35.6	0.6546+0.1748i	0.1028+0.2323i	−0.7789−0.4547i	−0.4093−0.4667i	−0.0027−0.0396i	0.0389−0.0229i	0.2037+0.0835i	0.1319+0.0998i
35.7	0.6530+0.2009i	0.1179+0.2054i	−0.6822−0.4270i	−0.4150−0.3970i	−0.0802−0.0271i	0.0558−0.0407i	0.1806+0.1098i	0.2109+0.0896i
35.8	0.6533+0.1771i	0.1390+0.1913i	−0.6642−0.3853i	−0.4517−0.3596i	−0.0690−0.0352i	0.0316−0.0346i	0.1679+0.0552i	0.1806+0.0748i
35.9	0.6408+0.1764i	0.1194+0.1949i	−0.5406−0.3884i	−0.3874−0.3671i	−0.0630−0.0673i	0.0593−0.0186i	0.1696+0.0103i	0.1732+0.0997i
36.0	0.6976+0.1542i	0.1319+0.1972i	−0.4312−0.3956i	−0.4312−0.3595i	−0.0727−0.0271i	0.0667−0.0199i	0.2020+0.0628i	0.1791+0.1037i
36.1	0.6939+0.0880i	0.1344+0.1831i	−0.5093−0.2656i	−0.4733−0.3433i	−0.0646−0.0080i	0.0424−0.0443i	0.1933+0.0424i	0.1742+0.0608i
36.2	0.7210+0.0789i	0.1368+0.1756i	−0.4157−0.2591i	−0.4720−0.3185i	−0.0586+0.0178i	0.0156−0.0529i	0.1902+0.0293i	0.1710+0.0280i
36.3	0.6770+0.0368i	0.1366+0.1820i	−0.3550−0.3749i	−0.4676−0.3202i	−0.0244−0.0124i	0.0176−0.0138i	0.1217+0.0123i	0.1061+0.0555i
36.4	0.6478+0.0378i	0.1633+0.1699i	−0.2212−0.3986i	−0.5052−0.2797i	−0.0926−0.0389i	0.0478−0.0361i	0.0933−0.0062i	0.1734+0.0669i
36.5	0.6401−0.0138i	0.1733+0.1665i	−0.2784−0.4792i	−0.5553−0.2800i	−0.0606−0.0472i	0.0401−0.0303i	0.0962−0.0065i	0.1454+0.0720i
36.6	0.5650−0.0840i	0.1724+0.1333i	−0.3182−0.6547i	−0.5458−0.1860i	−0.0136−0.0128i	−0.0058−0.0159i	0.0555−0.0455i	0.0807+0.0111i
36.7	0.5370−0.1008i	0.1693+0.1214i	−0.3354−0.7511i	−0.5363−0.1505i	−0.0153−0.0015i	−0.0217−0.0473i	0.0554−0.0633i	0.0742+0.0008i
36.8	0.5419−0.0840i	0.1968+0.1123i	−0.3855−0.8216i	−0.5959−0.1235i	−0.0406−0.0108i	−0.0146−0.0857i	0.0668−0.0634i	0.1169+0.0209i
36.9	0.5294−0.0901i	0.2125+0.0683i	−0.5208−0.9926i	−0.6175−0.0388i	−0.0580−0.0130i	0.0070−0.0883i	0.0514−0.0358i	0.1435+0.0480i
37.0	0.5001−0.0768i	0.2007+0.0682i	−0.5875−0.9618i	−0.6188−0.0111i	−0.0741−0.0196i	−0.0193−0.0803i	0.0438−0.0411i	0.1470+0.0511i
37.1	0.4414−0.0520i	0.1698+0.0565i	−0.7388−0.9044i	−0.5595+0.0396i	−0.0420+0.0015i	−0.0550−0.0546i	0.0704−0.0311i	0.1132+0.0399i

37.2	0.4628−0.0296i	0.1723+0.0397i	−0.7704−0.8483i	−0.5560+0.0885i	−0.0392+0.0225i	−0.0720−0.0555i	0.0754−0.0270i	0.1088+0.0232i
37.3	0.4555+0.0029i	0.1614+0.0367i	−0.7277−0.7849i	−0.5111+0.1076i	−0.0523+0.0092i	−0.0699−0.0510i	0.0670−0.0400i	0.1388+0.0281i
37.4	0.4319+0.0777i	0.1214+0.0289i	−0.6599−0.6607i	−0.3586+0.1124i	−0.0347−0.0078i	−0.0447−0.0471i	0.0684−0.0254i	0.1347+0.0405i
37.5	0.4128+0.0642i	0.1248+0.0105i	−0.8591−0.7103i	−0.3513+0.1813i	−0.0372−0.0106i	−0.0412−0.0367i	0.0443−0.0334i	0.1449+0.0667i
37.6	0.4182+0.0596i	0.1298+0.0148i	−0.9978−0.7170i	−0.3990+0.1646i	−0.0394−0.0107i	−0.0279−0.0190i	0.0306−0.0116i	0.1598+0.0705i
37.7	0.4378+0.1130i	0.0941+0.0118i	−0.9726−0.6768i	−0.2948+0.1487i	−0.0368−0.0068i	−0.0174−0.0258i	0.0297+0.0162i	0.1678+0.0632i
37.8	0.4488+0.1281i	0.0793+0.0148i	−1.0509−0.6079i	−0.2471+0.1549i	−0.0348+0.0132i	−0.0033−0.0458i	0.0386+0.0239i	0.1713+0.0390i
37.9	0.4315+0.1524i	0.0665+0.0373i	−1.0004−0.4453i	−0.1889+0.1204i	−0.0231+0.0113i	−0.0001−0.0807i	0.0880+0.0128i	0.1671+0.0127i
38.0	0.3950+0.2395i	0.0627+0.0653i	−0.9313−0.5418i	−0.1171+0.0101i	−0.0372−0.0066i	−0.0147−0.1181i	0.0920+0.0004i	0.1822+0.0035i
38.1	0.4901+0.2992i	0.0915+0.0681i	−1.1481−0.5737i	−0.2539−0.0735i	−0.0511+0.0160i	−0.0843−0.1279i	0.0931−0.0064i	0.1812−0.0403i
38.2	0.5407+0.2969i	0.0969+0.0712i	−1.0755−0.5134i	−0.3041−0.0705i	−0.0563+0.0114i	−0.1205−0.1171i	0.1180−0.0493i	0.1738−0.0654i
38.3	0.5802+0.2994i	0.0919+0.0656i	−1.1998−0.5660i	−0.3325−0.0683i	−0.0477+0.0186i	−0.1332−0.1064i	0.0996−0.0718i	0.1600−0.0917i
38.4	0.6406+0.2814i	0.0931+0.0666i	−1.4034−0.4707i	−0.3609−0.0360i	−0.0403+0.0262i	−0.1442−0.0835i	0.0822−0.0666i	0.1224−0.1023i
38.5	0.6915+0.2438i	0.0925+0.0530i	−1.3251−0.4071i	−0.3856+0.0258i	−0.0373+0.0210i	−0.1395−0.0513i	0.0744−0.0696i	0.1173−0.0729i
38.6	0.7043+0.2146i	0.0731+0.0346i	−1.3436−0.4539i	−0.3328+0.0636i	−0.0392+0.0222i	−0.1387−0.0243i	0.0547−0.0599i	0.0900−0.0420i
38.7	0.7297+0.2135i	0.0673+0.0323i	−1.2121−0.3364i	−0.3057+0.0794i	−0.0392+0.0215i	−0.1262−0.0053i	0.0466−0.0534i	0.0830−0.0316i
38.8	0.7474+0.2306i	0.0722+0.0590i	−1.2556−0.1548i	−0.3118+0.0424i	−0.0426+0.0236i	−0.0996−0.0060i	0.0366−0.0274i	0.1067−0.0265i
38.9	0.7587+0.1945i	0.0497+0.0663i	−1.3141−0.1176i	−0.2738+0.0174i	−0.0256+0.0237i	−0.1091−0.0031i	0.0318−0.0237i	0.0936−0.0243i
39.0	0.7938+0.1307i	0.0569+0.0721i	−1.2567−0.0097i	−0.2859+0.0545i	−0.0062+0.0395i	−0.1241+0.0069i	0.0466−0.0197i	0.0640−0.0309i
39.1	0.8061+0.1264i	0.0744+0.0840i	−1.2384+0.0053i	−0.3005+0.0458i	−0.0199+0.0338i	−0.1083+0.0008i	0.0430−0.0051i	0.0774−0.0196i
39.2	0.7891+0.1566i	0.0781+0.0935i	−1.1584−0.0379i	−0.2906−0.0017i	−0.0188+0.0359i	−0.1095−0.0024i	0.0553−0.0002i	0.0748−0.0141i
39.3	0.8325+0.1632i	0.0944+0.1089i	−1.1959−0.0824i	−0.3378−0.0560i	−0.0019+0.0469i	−0.1064+0.0081i	0.0697+0.0119i	0.0747−0.0202i
39.4	0.8624+0.1521i	0.1117+0.1094i	−1.2042+0.0024i	−0.3617−0.0580i	−0.0054+0.0605i	−0.1110+0.0110i	0.0742+0.0304i	0.0857−0.0153i
39.5	0.9010+0.1358i	0.1127+0.1093i	−1.2609−0.0223i	−0.3793−0.0651i	−0.0075+0.0445i	−0.1093−0.0087i	0.0804+0.0144i	0.1024−0.0190i
39.6	0.8847+0.1133i	0.1244+0.0985i	−1.0958−0.0840i	−0.3867−0.0237i	−0.0107+0.0310i	−0.1013−0.0010i	0.0900−0.0011i	0.0984−0.0179i
39.7	0.8961+0.0844i	0.1373+0.0917i	−1.1298−0.0164i	−0.3797−0.0005i	0.0103+0.0170i	−0.0949+0.0230i	0.0893−0.0035i	0.0872+0.0208i
39.8	0.9301+0.0614i	0.1469+0.0993i	−1.1900+0.1180i	−0.4219−0.0359i	0.0045+0.0284i	−0.1068+0.0002i	0.0917+0.0071i	0.0861−0.0139i
39.9	0.8912+0.0318i	0.1568+0.0890i	−1.1674+0.0667i	−0.4235−0.0457i	−0.0048+0.0178i	−0.0862−0.0278i	0.0946−0.0194i	0.1079−0.0248i
40.0	0.9195+0.0153i	0.1681+0.1166i	−1.2284+0.2637i	−0.4637−0.0863i	−0.0074+0.0184i	−0.0878−0.0024i	0.0865+0.0036i	0.0978−0.0010i
40.1	0.9218+0.0286i	0.1617+0.1227i	−1.1096+0.1979i	−0.4774−0.0736i	−0.0129+0.0254i	−0.1032+0.0060i	0.1008+0.0067i	0.1045−0.0024i
40.2	0.8748−0.0300i	0.1554+0.1044i	−1.0358+0.1754i	−0.4725−0.0211i	−0.0149+0.0231i	−0.1122+0.0054i	0.1060−0.0022i	0.1138−0.0202i
40.3	0.8681−0.0529i	0.1680+0.1311i	−1.1145+0.1891i	−0.4859−0.0570i	−0.0156+0.0161i	−0.1066+0.0163i	0.0963−0.0121i	0.1182−0.0146i
40.4	0.8346−0.0732i	0.1720+0.0912i	−1.1241+0.1439i	−0.4856−0.0184i	−0.0188+0.0120i	−0.1238−0.0030i	0.0932−0.0142i	0.1192−0.0125i
40.5	0.8369−0.1458i	0.2133+0.0379i	−1.0391+0.3410i	−0.5515+0.0623i	−0.0174+0.0047i	−0.1398−0.0304i	0.1048−0.0049i	0.1127−0.0262i
40.6	0.8799−0.1835i	0.1998+0.0724i	−1.1214+0.4481i	−0.5523+0.0105i	−0.0106−0.0050i	−0.1471−0.0114i	0.1072−0.0083i	0.1150−0.0316i
40.7	0.8647−0.1061i	0.2229+0.0908i	−1.0487+0.3501i	−0.5648−0.0024i	−0.0161+0.0016i	−0.1377+0.0017i	0.1045−0.0069i	0.1063−0.0325i
40.8	0.8615−0.1437i	0.2452+0.0825i	−0.9869+0.3226i	−0.6118−0.0068i	−0.0265+0.0057i	−0.1228+0.0186i	0.1168−0.0306i	0.1205−0.0240i
40.9	0.9159−0.2347i	0.2470+0.0517i	−1.1086+0.3472i	−0.6152+0.0154i	−0.0131+0.0216i	−0.1440+0.0173i	0.1113−0.0226i	0.1195−0.0386i
41.0	0.8664−0.1843i	0.2725+0.0453i	−0.9960+0.2815i	−0.6807+0.0389i	−0.0258+0.0214i	−0.1565−0.0038i	0.1117−0.0139i	0.1012−0.0488i
41.1	0.8345−0.1804i	0.2677+0.0466i	−0.9013+0.3455i	−0.7277+0.0825i	−0.0394+0.0237i	−0.1593+0.0163i	0.1267−0.0262i	0.1011−0.0528i
41.2	0.8355−0.2269i	0.2785+0.0282i	−0.8735+0.4030i	−0.7746+0.1492i	−0.0346+0.0299i	−0.1474+0.0228i	0.1301−0.0375i	0.1040−0.0472i
41.3	0.8294−0.2332i	0.2539+0.0419i	−0.9213+0.4121i	−0.7364+0.1613i	−0.0285+0.0363i	−0.1672+0.0125i	0.1219−0.0386i	0.1072−0.0496i
41.4	0.8329−0.1884i	0.2802−0.0064i	−0.8989+0.2526i	−0.6854+0.2710i	−0.0196+0.0414i	−0.1960+0.0104i	0.1184−0.0206i	0.1039−0.0509i
41.5	0.8626−0.2260i	0.3148−0.0541i	−0.9534+0.2286i	−0.7633+0.2907i	−0.0325+0.0379i	−0.1748+0.0291i	0.1178−0.0274i	0.0873−0.0454i
41.6	0.7995−0.2381i	0.3061−0.0697i	−0.8610+0.2242i	−0.7497+0.3628i	−0.0451+0.0338i	−0.1882+0.0409i	0.1281−0.0409i	0.0790−0.0484i
41.7	0.7276−0.2047i	0.3041−0.1021i	−0.7453+0.1230i	−0.7506+0.4528i	−0.0436+0.0330i	−0.1766+0.0412i	0.1505−0.0347i	0.0843−0.0385i
41.8	0.7370−0.2297i	0.3491−0.0937i	−0.7140+0.2113i	−0.8630+0.4470i	−0.0490+0.0326i	−0.1680+0.0484i	0.1764−0.0379i	0.0857−0.0486i
41.9	0.7307−0.2460i	0.3496−0.1433i	−0.7454+0.1412i	−0.9106+0.5550i	−0.0578+0.0567i	−0.1794+0.0742i	0.1959−0.0474i	0.0843−0.0579i
42.0	0.6694−0.1951i	0.2697−0.2342i	−0.8130+0.0441i	−0.7258+0.7980i	−0.0502+0.0865i	−0.2053+0.0941i	0.1979−0.0699i	0.0686−0.0676i
42.1	0.7205−0.1883i	0.2385−0.2173i	−0.9639+0.0957i	−0.5776+0.7339i	−0.0284+0.0867i	−0.2074+0.1311i	0.1905−0.0676i	0.0540−0.0432i
42.2	0.7240−0.1917i	0.2212−0.2524i	−0.9564−0.0068i	−0.5901+0.8036i	−0.0248+0.1038i	−0.1644+0.1405i	0.2322−0.0920i	0.0700−0.0416i
42.3	0.7225−0.1579i	0.1754−0.2604i	−1.0050−0.0269i	−0.4708+0.8423i	−0.0092+0.1049i	−0.1568+0.1336i	0.2380−0.1203i	0.0674−0.0380i
42.4	0.7412−0.2157i	0.2126−0.2869i	−0.9112+0.0544i	−0.5459+0.8926i	−0.0186+0.1057i	−0.1487+0.1314i	0.2532−0.1448i	0.0525−0.0442i
42.5	0.7237−0.2863i	0.1892−0.3234i	−0.9270+0.1791i	−0.5423+0.9575i	−0.0166+0.1254i	−0.1332+0.1076i	0.2435−0.1985i	0.0630−0.0577i
42.6	0.5544−0.3006i	0.2447−0.2922i	−0.4563+0.2923i	−0.7146+0.9370i	−0.0359+0.1166i	−0.1479+0.1096i	0.2495−0.1924i	0.0731−0.0511i
42.7	0.6223−0.1743i	0.1156−0.2862i	−0.9514+0.0925i	−0.4425+0.9298i	0.0213+0.1447i	−0.1569+0.1075i	0.1833−0.2321i	0.0561−0.0478i
42.8	0.6152−0.1877i	0.0616−0.3378i	−1.0658+0.0042i	−0.3065+1.1028i	0.0455+0.1511i	−0.1440+0.1277i	0.1280−0.2788i	0.0394−0.0601i
42.9	0.5462−0.2315i	0.1187−0.3942i	−0.7578−0.0977i	−0.4798+1.3429i	0.0097+0.1620i	−0.1095+0.1273i	0.1955−0.3681i	0.0561−0.0741i
43.0	0.5931−0.2451i	−0.0290−0.2621i	−0.9513+0.1007i	−0.1243+1.0858i	0.0556+0.1430i	−0.0583+0.1216i	0.0895−0.3517i	0.0477−0.0600i
43.1	0.5412−0.2227i	0.0279−0.1844i	−0.7880+0.1107i	−0.2112+0.9649i	0.0705+0.1149i	−0.0392+0.0841i	0.1064−0.3254i	0.0568−0.0490i
43.2	0.5020−0.1432i	0.0415−0.2016i	−0.7891+0.0100i	−0.1674+0.9700i	0.0757+0.0970i	−0.0495+0.0805i	0.0870−0.2876i	0.0581−0.0234i
43.3	0.5122−0.0565i	0.0737−0.1913i	−0.8723−0.0069i	−0.1421+0.9385i	0.0860+0.0904i	−0.0918+0.0906i	0.0600−0.2344i	0.0438−0.0134i
43.4	0.6210+0.0221i	0.0113−0.2015i	−1.2046−0.0415i	0.0798+0.8113i	0.0935+0.0755i	−0.0870+0.0889i	0.0408−0.1992i	0.0472−0.0193i

43.5	0.7037−0.0336i	0.0805−0.2595i	−1.2132−0.2177i	−0.0842+1.0595i	0.0871+0.1051i	−0.0938+0.0468i	0.0456−0.3205i	0.0548−0.0513i
43.6	0.7424−0.1272i	0.0642−0.2359i	−1.1968+0.0510i	−0.1708+1.0693i	0.0806+0.1123i	−0.1072+0.0544i	0.0432−0.3907i	0.0514−0.0473i
43.7	0.6856−0.1674i	0.0139−0.1729i	−1.1521+0.3203i	−0.0767+1.0156i	0.0945+0.0904i	−0.1467+0.0872i	−0.0054−0.3381i	0.0333−0.0210i
43.8	0.6517−0.1381i	0.0165−0.0939i	−1.1125+0.4757i	0.0953+0.8291i	0.0982+0.0452i	−0.1438+0.1007i	0.0056−0.2679i	0.0461−0.0133i
43.9	0.5719−0.1194i	0.0713−0.1463i	−1.0812+0.2958i	0.2082+0.8035i	0.1005+0.0525i	−0.1294+0.0930i	−0.0575−0.2528i	0.0396−0.0056i
44.0	0.5565−0.0467i	0.0662−0.1880i	−1.0707+0.0526i	0.0536+0.7647i	0.1054+0.0571i	−0.1154+0.0697i	−0.0545−0.2802i	0.0473−0.0017i
44.1	0.5852+0.0626i	0.0254−0.2271i	−1.2186−0.0553i	−0.0553+0.9920i	0.0969+0.0778i	−0.1243+0.0488i	−0.1301−0.3411i	0.0428−0.0256i
44.2	0.7683+0.0894i	−0.0536−0.2286i	−1.6644+0.0325i	0.2513+1.1151i	0.1215+0.0663i	−0.1594+0.0781i	−0.1939−0.2772i	0.0274−0.0096i
44.3	0.8077−0.0922i	−0.0537−0.2082i	−1.6000+0.4390i	0.2957+1.0669i	0.1197+0.0370i	−0.1576+0.0840i	−0.2023−0.2706i	0.0424+0.0014i
44.4	0.6605−0.1689i	−0.0725−0.2214i	−1.3282+0.4442i	0.4626+1.1480i	0.1282+0.0400i	−0.1471+0.1095i	−0.2499−0.2041i	0.0334+0.0074i
44.5	0.5995−0.0963i	0.0131−0.2473i	−1.1973+0.2897i	0.4161+1.1277i	0.1166+0.0380i	−0.1420+0.1078i	−0.2314−0.1512i	0.0381+0.0212i
44.6	0.6330−0.0338i	−0.0034−0.2176i	−1.2830+0.3098i	0.3385+1.1936i	0.0978+0.0428i	−0.1557+0.1030i	−0.2206−0.1551i	0.0454+0.0166i
44.7	0.6573−0.0498i	−0.0223−0.1737i	−1.3699+0.3148i	0.5493+1.1248i	0.1001+0.0452i	−0.1668+0.1102i	−0.2137−0.1192i	0.0549+0.0288i
44.8	0.6731+0.0085i	0.0622−0.1109i	−1.4280+0.2774i	0.6473+0.9012i	0.1108+0.0272i	−0.1630+0.1064i	−0.1651−0.1130i	0.0698+0.0218i
44.9	0.7948+0.0028i	0.0573−0.1881i	−1.7716+0.3741i	0.7369+0.7921i	0.1176+0.0312i	−0.1364+0.1024i	−0.1774−0.1225i	0.0862+0.0011i
45.0	0.8803−0.1524i	0.0811−0.2797i	−1.6923+0.8155i	0.4803+0.7475i	0.1005+0.0500i	−0.1421+0.1310i	−0.2073−0.1318i	0.0685−0.0145i
45.1	0.7634−0.2553i	0.0367−0.2146i	−1.3094+1.1120i	0.2780+0.6249i	0.0902+0.0439i	−0.1385+0.1610i	−0.2012−0.1103i	0.0572+0.0027i
45.2	0.6106−0.2092i	0.0151−0.2391i	−0.9553+0.9449i	0.3483+0.8538i	0.0924+0.0434i	−0.1424+0.1304i	−0.2318−0.0891i	0.0550+0.0129i
45.3	0.6030−0.1281i	−0.0256−0.2615i	−0.8217+0.8567i	0.4187+0.9079i	0.0828+0.0591i	−0.1387+0.1407i	−0.2611−0.0350i	0.0777+0.0055i
45.4	0.5623−0.1130i	−0.0237−0.2414i	−0.6566+0.6493i	0.4013+0.8208i	0.0834+0.0733i	−0.1109+0.1426i	−0.2416−0.0019i	0.0904−0.0012i
45.5	0.5202−0.0219i	−0.0355−0.2682i	−0.9716+0.0341i	0.6448+0.8835i	0.1195+0.1047i	−0.1256+0.1246i	−0.2354+0.1232i	0.0940−0.0050i
45.6	0.6116+0.0626i	0.0031−0.3598i	−1.4884+0.0563i	0.7070+1.0450i	0.1503+0.0983i	−0.1617+0.1651i	−0.1855+0.1984i	0.0902−0.0104i
45.7	0.7061+0.0616i	−0.0475−0.4360i	−1.8211+0.3465i	0.9118+1.0952i	0.1769+0.0768i	−0.1626+0.2232i	−0.1200+0.2310i	0.0863−0.0173i
45.8	0.7109+0.0417i	−0.1736−0.3518i	−1.8096+0.6477i	1.1231+0.7255i	0.1833+0.0417i	−0.1146+0.2446i	−0.0547+0.2453i	0.0928+0.0030i
45.9	0.7460+0.0406i	−0.1349−0.3031i	−1.7705+0.9039i	0.9938+0.7136i	0.1962+0.0442i	−0.1112+0.2622i	−0.0077+0.2697i	0.0824+0.0038i
46.0	0.7286+0.0151i	−0.1422−0.3002i	−1.5754+1.0657i	1.0532+0.7985i	0.2326+0.0252i	−0.0576+0.2504i	0.0552+0.2772i	0.0619+0.0234i
46.1	0.7523+0.0304i	−0.1685−0.2257i	−1.6633+1.0455i	1.2351+0.5121i	0.2495−0.0251i	−0.0097+0.2378i	0.1582+0.2443i	0.0885+0.0514i
46.2	0.7870+0.0124i	−0.1905−0.2389i	−1.5537+1.0908i	1.2581+0.2411i	0.2323−0.0307i	0.0299+0.2306i	0.2693+0.1943i	0.1066+0.0491i
46.3	0.7422−0.0889i	−0.1567−0.2539i	−1.1533+1.2764i	1.1901+0.1750i	0.2090−0.0452i	0.0678+0.1475i	0.3216+0.1034i	0.1339+0.0324i
46.4	0.6857−0.0203i	−0.1870−0.1881i	−1.0654+1.0112i	1.1084+0.1060i	0.2314−0.0467i	0.0470+0.0687i	0.3070+0.0312i	0.1352+0.0223i
46.5	0.7018+0.0504i	−0.2180−0.3461i	−1.1646+0.9025i	1.0943+0.2501i	0.2523−0.0449i	0.0299+0.0617i	0.3481−0.0273i	0.1500+0.0227i
46.6	0.7060+0.0377i	−0.2411−0.3254i	−1.1900+0.9773i	1.1978+0.1272i	0.2457−0.0657i	0.0085+0.0624i	0.3672−0.0623i	0.1384+0.0099i
46.7	0.6862+0.0634i	−0.2920−0.2803i	−1.0321+0.8457i	1.1048−0.1083i	0.2053−0.0742i	−0.0482+0.0267i	0.3433−0.1340i	0.1317−0.0087i
46.8	0.7229+0.1439i	−0.3064−0.3001i	−1.1740+0.7173i	0.7973−0.0719i	0.1995−0.0812i	−0.1039+0.0001i	0.2769−0.2279i	0.1538−0.0247i
46.9	0.7667+0.1471i	−0.3057−0.3229i	−1.1461+0.8152i	0.8007+0.0574i	0.2174−0.0962i	−0.1165+0.0284i	0.2636−0.2384i	0.1600−0.0268i
47.0	0.6972+0.1152i	−0.2681−0.2562i	−1.0740+0.7743i	0.7757+0.2476i	0.2323−0.0989i	−0.1255+0.0626i	0.2313−0.2338i	0.1397−0.0388i
47.1	0.6714+0.1908i	−0.1660−0.3280i	−1.0635+0.3902i	0.8204+0.4316i	0.2388−0.1054i	−0.1252+0.0509i	0.2268−0.2504i	0.1132−0.0250i
47.2	0.7948+0.3789i	−0.2481−0.2685i	−1.6262+0.2869i	0.8439+0.3382i	0.2598−0.1311i	−0.1772+0.0183i	0.1990−0.3574i	0.1172−0.0332i
47.3	1.0179+0.4530i	−0.3909−0.2504i	−1.9908+0.5104i	1.2134+0.2100i	0.2626−0.2021i	−0.2020+0.0576i	0.1503−0.4101i	0.1400−0.0248i
47.4	1.2229+0.3159i	−0.4815−0.1905i	−2.1295+1.0599i	1.3581−0.0143i	0.2241−0.2542i	−0.1844+0.1217i	0.0796−0.4433i	0.1463−0.0321i
47.5	1.3250+0.2414i	−0.4662−0.1304i	−1.8851+1.3465i	1.1962−0.2914i	0.1796−0.2728i	−0.1237+0.1257i	0.0372−0.4560i	0.1411−0.0400i
47.6	1.3434+0.0669i	−0.5062−0.0970i	−1.7763+1.6137i	1.2511−0.4685i	0.1594−0.2886i	−0.1192+0.1004i	−0.0232−0.4557i	0.1390−0.0446i
47.7	1.2217−0.1435i	−0.3904−0.1241i	−1.3959+1.5733i	0.8818−0.3830i	0.1168−0.2513i	−0.1591+0.1097i	−0.1143−0.4280i	0.1206−0.0432i
47.8	1.3095−0.1528i	−0.5673−0.0363i	−1.7111+1.7351i	1.1902−0.2812i	0.1457−0.2680i	−0.1896+0.1517i	−0.1558−0.3952i	0.0941−0.0314i
47.9	1.1736−0.3987i	−0.4781+0.1645i	−1.3035+1.9232i	1.0379−0.5259i	0.0981−0.2706i	−0.1612+0.1798i	−0.2009−0.3383i	0.1156−0.0241i
48.0	1.0906−0.4677i	−0.4059+0.1188i	−1.1758+1.9147i	0.8741−0.5367i	0.0587−0.2505i	−0.0986+0.2131i	−0.2009−0.3067i	0.1404−0.0210i
48.1	0.8767−0.4454i	−0.4154+0.2052i	−0.6183+1.7464i	0.5931−0.7464i	0.0202−0.2186i	−0.0460+0.1344i	−0.2331−0.2879i	0.1498−0.0388i
48.2	0.8480−0.2315i	−0.4690+0.0299i	−0.8317+1.2553i	0.7243−0.4395i	0.0497−0.2114i	−0.0997+0.1237i	−0.2095−0.2485i	0.1401−0.0569i
48.3	0.8468−0.2641i	−0.5110+0.0642i	−0.8609+1.2929i	0.7840−0.5203i	0.0357−0.2009i	−0.0728+0.1277i	−0.2016−0.2536i	0.1436−0.0581i
48.4	0.7817−0.1741i	−0.4965+0.1549i	−0.9545+1.2441i	0.6095−0.5909i	0.0412−0.1873i	−0.0949+0.1041i	−0.2257−0.2411i	0.1344−0.0575i
48.5	0.8403−0.1774i	−0.3907+0.2186i	−1.0028+1.3464i	0.5397−0.6199i	0.0274−0.2158i	−0.1392+0.1169i	−0.2637−0.1846i	0.1308−0.0440i
48.6	0.7800−0.1981i	−0.3650+0.2429i	−0.8381+1.3593i	0.4904−0.6505i	0.0194−0.1976i	−0.1287+0.1131i	−0.2412−0.1296i	0.1315−0.0431i
48.7	0.7334−0.1040i	−0.3142+0.1375i	−0.8324+1.0601i	0.3491−0.5119i	0.0202−0.1839i	−0.1703+0.0948i	−0.2071−0.1147i	0.1366−0.0399i
48.8	0.8157+0.0210i	−0.3728+0.2570i	−1.1616+1.1585i	0.4146−0.4282i	0.0199−0.2032i	−0.2121+0.1300i	−0.2374−0.1158i	0.1301−0.0389i
48.9	0.8371−0.0158i	−0.3257+0.2955i	−1.1187+1.2892i	0.4233−0.4632i	0.0043−0.1941i	−0.1819+0.1344i	−0.2499−0.0878i	0.1340−0.0444i
49.0	0.8566−0.0534i	−0.2842+0.2038i	−1.2587+1.3169i	0.4103−0.4437i	−0.0019−0.1933i	−0.1886+0.1558i	−0.2622−0.0540i	0.1549−0.0250i
49.1	0.8131−0.0875i	−0.2886+0.2003i	−0.9859+1.3802i	0.4593−0.5039i	0.0076−0.2037i	−0.1637+0.1339i	−0.2819−0.0209i	0.1537−0.0067i
49.2	0.7139+0.0199i	−0.1805+0.2994i	−0.7668+0.9867i	0.2833−0.3844i	−0.0075−0.2136i	−0.1974+0.1184i	−0.2617−0.0064i	0.1674+0.0050i
49.3	0.7401+0.0994i	−0.2006+0.3277i	−1.0959+0.9255i	0.2559−0.2443i	−0.0207−0.2077i	−0.2521+0.1734i	−0.2100+0.0056i	0.1763+0.0076i
49.4	0.8618+0.0888i	−0.2814+0.3396i	−1.5023+1.1848i	0.4828−0.2872i	−0.0311−0.2070i	−0.2293+0.2203i	−0.1620+0.0081i	0.1932−0.0284i
49.5	0.9262+0.0518i	−0.1860+0.2787i	−1.2808+1.5020i	0.3755−0.5326i	−0.0584−0.1884i	−0.1575+0.1918i	−0.1731−0.0028i	0.2151−0.0679i
49.6	0.8513+0.0072i	−0.1494+0.2592i	−0.9308+1.1196i	0.2177−0.3404i	−0.0604−0.1620i	−0.1973+0.1805i	−0.2036+0.0079i	0.2049−0.0748i
49.7	0.7448+0.1063i	−0.2655+0.1806i	−1.2635+0.8787i	0.4709−0.0777i	−0.0507−0.1519i	−0.2343+0.2272i	−0.1489+0.0462i	0.1786−0.0751i

49.8	0.8288+0.2991i	-0.1479+0.3019i	-1.6224+0.9255i	0.6355-0.1953i	-0.0311-0.1384i	-0.1927+0.2758i	-0.0740+0.0765i	0.1852-0.0855i
49.9	1.0372+0.2413i	-0.1096+0.4441i	-1.6226+1.4918i	0.5796-0.5293i	-0.0314-0.1580i	-0.1446+0.2272i	-0.0874+0.0059i	0.2031-0.0711i
50.0	0.8256+0.1659i	0.1900+0.4003i	-0.9180+1.3579i	0.2621-0.5013i	-0.0522-0.1554i	-0.2457+0.1973i	-0.0920+0.0214i	0.2131-0.0596i
50.1	0.8228+0.3401i	0.1744+0.3844i	-1.1065+1.0061i	0.2853-0.4789i	-0.0478-0.1390i	-0.2194+0.2868i	-0.0484+0.0628i	0.2323-0.0800i
50.2	0.8835+0.3717i	0.0460+0.3549i	-1.4999+1.0905i	0.4554-0.3888i	-0.0359-0.1197i	-0.1795+0.3347i	-0.0331+0.0272i	0.2204-0.0958i
50.3	1.0051+0.3771i	0.1103+0.3128i	-1.6970+1.1673i	0.4632-0.3451i	-0.0359-0.1119i	-0.1443+0.3296i	-0.0348+0.0052i	0.2197-0.1132i
50.4	1.0491+0.3956i	0.2119+0.4281i	-1.5571+1.5617i	0.1757-0.5079i	-0.0414-0.1290i	-0.1139+0.2815i	-0.0237-0.0310i	0.1874-0.1304i
50.5	1.0199+0.4229i	0.1529+0.3803i	-1.5528+1.7258i	0.4125-0.5939i	-0.0308-0.1339i	-0.0912+0.2909i	-0.0078-0.0349i	0.1953-0.0997i
50.6	0.9476+0.4415i	0.1678+0.4384i	-1.5597+1.6251i	0.4787-0.7122i	-0.0246-0.1367i	-0.0944+0.2588i	-0.0059-0.0291i	0.1702-0.1109i
50.7	0.9913+0.4594i	0.1896+0.3614i	-2.0184+1.5152i	0.5258-0.6882i	-0.0147-0.1308i	-0.1094+0.2830i	0.0118-0.0721i	0.1649-0.1286i
50.8	1.0186+0.4734i	0.2463+0.3513i	-1.8048+1.8485i	0.5597-0.8462i	0.0102-0.1258i	-0.0337+0.2036i	0.0138-0.0694i	0.1530-0.1398i
50.9	1.0856+0.6953i	0.0981+0.2285i	-1.9171+1.9745i	0.4724-0.8051i	0.0196-0.1335i	-0.0887+0.1350i	0.0379-0.0692i	0.1239-0.1266i
51.0	1.2757+0.6774i	0.0271+0.3394i	-1.8512+2.2753i	0.4553-0.7994i	0.0087-0.1624i	-0.1423+0.1758i	0.0275-0.1205i	0.1449-0.1065i
51.1	1.3902+0.6651i	0.0034+0.4095i	-1.9149+2.6618i	0.5204-0.9509i	0.0224-0.1625i	-0.0852+0.1976i	-0.0073-0.0893i	0.1665-0.1521i
51.2	1.4823+0.3120i	0.2039+0.3904i	-1.1975+3.3828i	0.1908-1.2158i	0.0245-0.2019i	-0.0933+0.1053i	0.0262-0.1269i	0.0880-0.1417i
51.3	1.2464+0.2051i	0.1828+0.1625i	-0.4134+2.7324i	-0.0641-1.0359i	-0.0255-0.2461i	-0.2408+0.1007i	0.0401-0.2268i	0.1110-0.0871i
51.4	1.0512+0.3500i	0.1200+0.1060i	-0.6488+1.9290i	0.0225-0.6198i	-0.0514-0.2224i	-0.3066+0.1706i	-0.0102-0.2308i	0.1670-0.0771i
51.5	1.0137+0.6166i	0.2210+0.1924i	-1.6371+1.7525i	0.1561-0.4355i	-0.0733-0.1784i	-0.2661+0.2713i	-0.0979-0.2060i	0.2108-0.1325i
51.6	1.2632+0.8561i	0.4139+0.1193i	-2.1243+2.1828i	0.2132-0.5684i	-0.0484-0.1590i	-0.2285+0.3069i	-0.1048-0.1799i	0.2410-0.1700i
51.7	1.3868+0.9191i	0.4029+0.0532i	-2.3294+2.7708i	0.2991-0.8511i	-0.0329-0.1779i	-0.2022+0.3182i	-0.0957-0.1760i	0.2023-0.1973i
51.8	1.6629+0.9157i	0.2397+0.0584i	-1.9335+3.1782i	0.4640-1.0928i	-0.0338-0.2116i	-0.1705+0.2803i	-0.1122-0.2004i	0.1488-0.2364i
51.9	1.7332+0.8179i	0.3740+0.0603i	-1.2264+3.2458i	0.0937-0.9227i	-0.0274-0.1949i	-0.2158+0.2495i	-0.1252-0.1478i	0.1425-0.2285i
52.0	1.7846+1.0226i	0.4660+0.1465i	-1.1287+3.2961i	0.0215-1.2251i	-0.0428-0.2485i	-0.2038+0.2480i	-0.1762-0.1804i	0.1598-0.2111i
52.1	2.1483+0.9938i	0.4857+0.2535i	-0.7776+3.9096i	-0.2788-1.5964i	-0.1161-0.2828i	-0.1816+0.2273i	-0.2469-0.1803i	0.1348-0.1998i
52.2	2.3506+0.5905i	0.5062-0.0694i	-0.0316+3.6398i	-0.7582-1.1808i	-0.1719-0.2381i	-0.1997+0.2810i	-0.2409-0.1374i	0.1079-0.1657i
52.3	2.2346+0.5313i	0.6102-0.0777i	0.1057+3.0778i	-0.8471-0.8494i	-0.1899-0.2055i	-0.2078+0.2720i	-0.2595-0.0956i	0.1327-0.1324i
52.4	2.1264+0.6221i	0.6082+0.0237i	-0.1418+2.9165i	-0.7991-0.7749i	-0.2062-0.1643i	-0.2374+0.2623i	-0.2796-0.0894i	0.1531-0.1330i
52.5	2.1984+0.8337i	0.4665-0.0074i	-0.4677+2.7759i	-0.5762-0.7084i	-0.1350-0.1886i	-0.2657+0.2524i	-0.2294-0.1652i	0.1313-0.0939i
52.6	2.5660+1.0057i	0.4011-0.2417i	-0.4500+3.3377i	-0.7785-0.6763i	-0.1741-0.2660i	-0.2906+0.2674i	-0.2520-0.1791i	0.1668-0.0737i
52.7	2.5064+0.5367i	0.6919-0.3335i	-0.2123+3.3105i	-0.8338-0.6519i	-0.3000-0.2116i	-0.3633+0.3465i	-0.3936-0.0121i	0.2418-0.1067i
52.8	2.3323+0.4965i	0.7765-0.3241i	-0.5072+2.8077i	-0.7308-0.6601i	-0.3161-0.0969i	-0.4055+0.4210i	-0.4034+0.1520i	0.2788-0.1690i
52.9	2.7481+0.8861i	0.5859-0.3950i	-0.7611+3.3278i	-0.6032-0.6817i	-0.2513-0.0542i	-0.3426+0.4819i	-0.3055+0.2123i	0.2645-0.2267i
53.0	3.1608+0.7087i	0.3842-0.5977i	-0.5786+3.7978i	-0.6915-0.5575i	-0.2197-0.0139i	-0.2593+0.5118i	-0.1723+0.2080i	0.2305-0.2652i
53.1	3.1500+0.1455i	0.0202-0.5152i	-0.3902+3.6009i	-0.5680-0.5972i	-0.1931+0.0125i	-0.2002+0.4868i	-0.1031+0.1246i	0.1549-0.2902i
53.2	3.2470-0.0030i	0.2376-0.6620i	-0.2689+3.6389i	-0.8109-0.5115i	-0.1613-0.0290i	-0.2284+0.4984i	-0.0431+0.0720i	0.1137-0.3086i
53.3	3.4554-0.1107i	0.1462-0.8590i	0.2055+3.7835i	-1.1858-0.1778i	-0.1614-0.0147i	-0.2367+0.4907i	0.0171+0.0362i	0.0884-0.2941i
53.4	3.3568-0.2708i	0.0068-0.7696i	0.5238+3.5489i	-1.0693-0.1246i	-0.1427-0.0503i	-0.2451+0.4316i	0.0197-0.0225i	0.0828-0.2214i
53.5	3.1373-0.3819i	0.1011-0.7199i	0.3157+3.0472i	-0.7972+0.0588i	-0.1792-0.0520i	-0.3714+0.4606i	-0.0164-0.0359i	0.1738-0.1683i
53.6	3.2304-0.2689i	0.0165-0.6339i	0.1170+3.0438i	-0.6252+0.0928i	-0.1530+0.0256i	-0.4198+0.5665i	-0.0485-0.0522i	0.2246-0.2237i
53.7	3.5669-0.2466i	-0.1539-0.7204i	0.0353+3.4544i	-0.7589+0.0212i	-0.1129+0.0206i	-0.4094+0.6379i	-0.0514-0.1388i	0.1946-0.2806i
53.8	3.7977-0.5694i	-0.4581-0.6447i	0.3432+3.6899i	-0.5672+0.0544i	-0.0556-0.0025i	-0.3495+0.7204i	-0.1477-0.1639i	0.1705-0.3125i
53.9	3.6594-0.9945i	-0.3959-0.5173i	0.6928+3.7231i	-0.5404+0.0744i	0.0117-0.0501i	-0.2729+0.7981i	-0.1610-0.1081i	0.1043-0.2971i
54.0	3.2650-1.0560i	-0.4517-0.5340i	0.6396+3.4069i	-0.6486+0.4169i	-0.0050-0.0952i	-0.2808+0.7707i	-0.1119-0.1416i	0.0798-0.2262i
54.1	3.4994-0.8301i	-0.4893-0.5783i	-0.0394+3.4003i	-0.4409+0.4407i	-0.0590-0.0781i	-0.3179+0.9075i	-0.1815-0.1683i	0.2114-0.3066i
54.2	4.0896-1.0854i	-0.6125-0.7223i	0.1114+4.0172i	-0.2821+0.4738i	-0.0602-0.1019i	-0.1964+1.0433i	-0.2596-0.1950i	0.1862-0.3908i
54.3	3.9908-1.7131i	-0.9195-0.6486i	0.5877+4.2585i	-0.0338+0.4823i	-0.0555-0.1146i	-0.0512+1.0582i	-0.3102-0.1472i	0.0879-0.4151i
54.4	4.0079-2.0050i	-0.7426-0.5166i	0.9611+4.5475i	-0.3432+0.2602i	-0.1030-0.1368i	0.0197+1.0997i	-0.3033-0.1017i	0.0693-0.4017i
54.5	3.7220-2.1903i	-0.6818-0.3102i	1.4600+4.4459i	-0.3794+0.2069i	-0.1374-0.1449i	0.0885+1.0299i	-0.3059-0.0605i	0.0204-0.3669i
54.6	3.0818-2.2137i	-0.6772-0.0716i	1.4247+3.7408i	-0.0584+0.0995i	-0.1336-0.1042i	0.1258+0.9889i	-0.3119-0.0207i	0.0456-0.3509i
54.7	3.1659-2.0211i	-0.6957-0.2899i	1.1572+3.4406i	0.0062+0.1332i	-0.1300-0.0424i	0.1736+1.0929i	-0.3423-0.0150i	0.1067-0.4255i
54.8	3.3829-2.2100i	-0.5162-0.0990i	1.3161+3.7989i	-0.1237-0.0900i	-0.1345-0.0655i	0.3064+1.0993i	-0.3634+0.0830i	0.0785-0.4860i
54.9	3.2626-2.8445i	-0.5086+0.0516i	1.9085+3.8344i	-0.1718-0.1052i	-0.1321-0.0694i	0.4774+1.0013i	-0.3349+0.1716i	-0.0304-0.4944i
55.0	3.0390-3.0930i	-0.6237+0.0937i	2.1694+3.7497i	-0.1323-0.0753i	-0.1517-0.0700i	0.5505+0.9180i	-0.3314+0.1908i	-0.0794-0.4417i
55.1	2.6765-3.0656i	-0.5462+0.1257i	2.2863+3.6434i	-0.2082-0.0939i	-0.1541-0.0747i	0.5974+0.8057i	-0.2860+0.2138i	-0.1181-0.3946i
55.2	2.5345-3.1522i	-0.3495+0.0315i	2.3994+3.3980i	-0.4382-0.1254i	-0.1347-0.0693i	0.6322+0.7400i	-0.1871+0.2791i	-0.1682-0.4055i
55.3	2.3788-3.1205i	-0.3196-0.1973i	2.5969+3.1582i	-0.5460+0.0721i	-0.1056-0.0650i	0.5968+0.6439i	-0.1285+0.2477i	-0.1801-0.3475i
55.4	1.9094-3.0696i	-0.3876-0.2702i	2.6533+2.6604i	-0.3373+0.2015i	-0.0973-0.1001i	0.5232+0.5231i	-0.0949+0.1931i	-0.1308-0.2610i
55.5	1.8421-2.7354i	-0.4710+0.0107i	2.5052+2.5814i	-0.1254+0.1473i	-0.1106-0.1030i	0.4660+0.5821i	-0.1185+0.2055i	-0.0687-0.2801i
55.6	2.0856-2.7382i	-0.5107+0.0935i	2.4143+2.6846i	-0.1031-0.0425i	-0.1544-0.1215i	0.5041+0.6180i	-0.0848+0.1854i	-0.1272-0.2657i
55.7	1.8171-2.9016i	-0.3851+0.1951i	2.5237+2.7683i	-0.2786-0.1505i	-0.2010-0.1732i	0.5529+0.4805i	-0.0388+0.1757i	-0.1593-0.2016i
55.8	1.4710-3.0452i	-0.3086+0.0982i	2.3948+2.5501i	-0.3966+0.0467i	-0.1762-0.1678i	0.5603+0.4312i	-0.0356+0.1583i	-0.1700-0.1786i
55.9	1.3135-2.9336i	-0.2703+0.1002i	2.5716+2.3844i	-0.2834+0.0934i	-0.2607-0.1670i	0.4894+0.3901i	-0.0538+0.1666i	-0.0877-0.1493i
56.0	1.1134-2.6395i	-0.2436+0.0122i	2.3064+1.9618i	-0.2296+0.0888i	-0.3305-0.0890i	0.3540+0.4834i	-0.0684+0.1434i	0.0352-0.2468i

56.1	1.3619-2.4038i	-0.2744+0.0394i	2.0061+2.0685i	-0.2645-0.1122i	-0.3131-0.0031i	0.3901+0.6134i	-0.0928+0.1700i	0.0114-0.3643i
56.2	1.4912-2.6542i	-0.4450+0.1283i	2.1814+2.3637i	-0.2923+0.0239i	-0.2957-0.0316i	0.5675+0.5457i	-0.0612+0.1685i	-0.1166-0.2878i
56.3	1.2187-2.7806i	-0.3829+0.1437i	2.2036+2.3708i	-0.3179+0.0371i	-0.2906-0.0417i	0.6206+0.4629i	-0.0239+0.1806i	-0.1327-0.2322i
56.4	1.0412-2.6290i	-0.2859+0.0275i	2.1375+2.2894i	-0.3485-0.0675i	-0.3240-0.0525i	0.5904+0.4085i	0.0148+0.1644i	-0.1082-0.1927i
56.5	0.9450-2.7276i	-0.2461+0.0908i	2.0102+2.2664i	-0.4884+0.0802i	-0.3238+0.0265i	0.6118+0.3792i	0.0049+0.1470i	-0.1273-0.1765i
56.6	0.8304-2.8157i	-0.2483+0.2716i	2.1319+2.3606i	-0.3425+0.1440i	-0.3038+0.0582i	0.6485+0.3364i	-0.0355+0.1832i	-0.1028-0.1889i
56.7	0.6596-2.6749i	-0.3066+0.2336i	2.1470+2.3062i	-0.1846+0.1014i	-0.3118+0.0474i	0.6004+0.2910i	-0.0334+0.2009i	-0.0638-0.1827i
56.8	0.4893-2.5386i	-0.2424+0.1615i	2.2207+2.1377i	-0.1106+0.0284i	-0.3186+0.0575i	0.5691+0.2258i	-0.0097+0.1767i	-0.0670-0.1701i
56.9	0.5300-2.4454i	-0.1852+0.3208i	2.3854+2.0469i	-0.2608+0.0031i	-0.3073+0.1485i	0.5790+0.2125i	0.0124+0.1595i	-0.0488-0.2029i
57.0	0.4253-2.3192i	-0.1890+0.4047i	2.3284+2.0499i	-0.2647-0.0559i	-0.2906+0.2023i	0.5324+0.2164i	0.0028+0.1598i	0.0020-0.2229i
57.1	0.3693-2.1814i	-0.1930+0.3288i	2.2771+1.8814i	-0.3111-0.0643i	-0.2505+0.2351i	0.4958+0.2421i	0.0043+0.1662i	-0.0043-0.2817i
57.2	0.4913-1.9649i	-0.1658+0.2626i	2.0633+1.8084i	-0.2717-0.0848i	-0.2112+0.2302i	0.5248+0.3522i	0.0225+0.2039i	-0.0656-0.3662i
57.3	0.6812-1.9300i	-0.0346+0.2630i	2.0921+1.9682i	-0.4550-0.0382i	-0.1863+0.2292i	0.6058+0.3037i	0.0727+0.1914i	-0.1324-0.2845i
57.4	0.6243-1.9410i	-0.1454+0.2006i	1.8610+1.9723i	-0.3626-0.0254i	-0.1733+0.1983i	0.5980+0.1971i	0.1051+0.1762i	-0.1381-0.2451i
57.5	0.6273-2.0912i	-0.1287+0.2050i	1.9106+2.0260i	-0.2401-0.0327i	-0.1773+0.1653i	0.6468+0.1017i	0.1374+0.1628i	-0.1787-0.1959i
57.6	0.5373-2.0742i	-0.1931+0.1546i	1.9869+2.0952i	-0.2540+0.0524i	-0.1956+0.1617i	0.5931-0.0058i	0.1251+0.1301i	-0.1527-0.1335i
57.7	0.5317-2.0950i	-0.2875+0.1823i	2.0422+2.1303i	-0.2411+0.1896i	-0.1870+0.2051i	0.5434-0.0226i	0.1270+0.1234i	-0.1047-0.1350i
57.8	0.5979-2.0620i	-0.2323+0.1872i	2.2500+1.9839i	-0.3046+0.2829i	-0.1626+0.2391i	0.4990-0.0097i	0.1524+0.1443i	-0.0515-0.2060i
57.9	0.6000-1.8894i	-0.2327+0.1727i	2.2880+2.0427i	-0.3135+0.1787i	-0.1526+0.2524i	0.4377-0.0192i	0.1676+0.1268i	-0.0417-0.1963i
58.0	0.4451-1.8154i	-0.2072+0.2231i	2.1272+1.9852i	-0.3017-0.0061i	-0.1232+0.2481i	0.4012-0.0442i	0.1768+0.1054i	-0.0333-0.1959i
58.1	0.3710-1.6301i	-0.0666+0.1768i	2.1820+1.9233i	-0.3457-0.1338i	-0.1119+0.2470i	0.3552-0.0144i	0.1908+0.0772i	0.0044-0.2526i
58.2	0.5077-1.4846i	-0.0604+0.1829i	2.1349+1.9515i	-0.3309-0.0022i	-0.1049+0.2378i	0.2888+0.0479i	0.1925+0.0523i	-0.0126-0.3132i
58.3	0.7802-1.5881i	-0.1085+0.1730i	1.9680+2.2242i	-0.4386+0.0037i	-0.1121+0.2485i	0.3313+0.0386i	0.2160+0.0247i	-0.1318-0.3176i
58.4	0.6906-1.7350i	-0.0551+0.1043i	2.4243+2.1499i	-0.3650+0.0474i	-0.0825+0.2621i	0.2729-0.0050i	0.2356+0.0005i	-0.1520-0.3152i
58.5	0.5846-1.6716i	-0.0511+0.1722i	2.5551+2.0635i	-0.3719+0.0259i	-0.0757+0.2753i	0.1986+0.0489i	0.2265-0.0382i	-0.1379-0.3100i
58.6	0.4933-1.6230i	-0.0795+0.2383i	2.3965+2.2227i	-0.5308+0.1580i	-0.0504+0.3066i	0.1646+0.0610i	0.1857-0.0810i	-0.1268-0.2699i
58.7	0.5023-1.6057i	-0.1598+0.1590i	2.2394+2.0759i	-0.4185+0.0782i	-0.0328+0.2837i	0.1872+0.0328i	0.1836-0.1195i	-0.1767-0.2344i
58.8	0.5197-1.6492i	-0.1239+0.1665i	2.3488+1.7550i	-0.3914+0.1161i	-0.0262+0.2634i	0.1995+0.0337i	0.1876-0.1458i	-0.2741-0.1864i
58.9	0.5775-1.6383i	-0.0204+0.2924i	2.4733+1.7687i	-0.4391+0.1746i	-0.0321+0.2729i	0.2171+0.0545i	0.1684-0.1501i	-0.2844-0.1766i
59.0	0.5512-1.5826i	-0.0628+0.3142i	2.3750+1.8429i	-0.3733+0.2749i	0.0452+0.2729i	0.2204+0.0065i	0.1704-0.1758i	-0.2899-0.0510i
59.1	0.5604-1.5192i	-0.0668+0.2294i	2.3669+1.9932i	-0.2184+0.2913i	0.1088+0.2662i	0.2407-0.0240i	0.1632-0.2051i	-0.2694+0.0804i
59.2	0.6268-1.5182i	-0.1200+0.2008i	2.3570+1.9027i	-0.2655+0.2603i	-0.0155+0.2834i	0.1431-0.0252i	0.0709-0.2158i	-0.2106+0.0306i
59.3	0.6991-1.5256i	-0.0607+0.2720i	2.4274+1.9749i	-0.3067+0.2487i	0.0036+0.3642i	0.0945+0.0238i	0.0253-0.1787i	-0.1398+0.0000i
59.4	0.6379-1.5296i	0.0160+0.3161i	2.4975+1.8754i	-0.2300+0.0493i	0.0429+0.3646i	-0.0051+0.0482i	0.0146-0.1485i	-0.0787-0.0227i
59.5	0.6546-1.5807i	-0.0089+0.3619i	2.4801+1.9229i	-0.1689+0.0908i	0.0958+0.3822i	-0.0485+0.1255i	0.0050-0.1426i	-0.0399-0.0159i
59.6	0.6577-1.5844i	0.1250+0.3066i	2.7376+1.8425i	-0.1945+0.0735i	0.1597+0.3588i	-0.0162+0.1098i	0.0148-0.1643i	-0.0513-0.0706i
59.7	0.7339-1.6146i	0.0427+0.2558i	2.4904+1.8315i	-0.2934-0.0358i	0.1651+0.3752i	-0.0238+0.1856i	0.0294-0.1466i	-0.0627-0.0960i
59.8	0.8590-1.6199i	-0.0598+0.2674i	2.5569+1.8692i	-0.1703+0.0371i	0.2104+0.4046i	-0.0465+0.2419i	0.0101-0.1544i	-0.0446-0.0964i
59.9	0.8232-1.5600i	-0.9558+0.8518i	1.5404+2.4115i	-0.3334+0.0041i	0.1692+0.4560i	-0.0901+0.3010i	-0.0300-0.1414i	-0.0306-0.1424i
60.0	0.8029-1.5444i	2.8121+2.8123i	5.2158+4.2686i	-0.3606+0.0321i	0.2504+0.3849i	-0.0409+0.3113i	-0.0403-0.1676i	-0.0236-0.1360i
60.1	0.8153-1.5262i	1.2360+1.5881i	3.8471+3.0828i	-0.4853-0.0003i	0.3011+0.3290i	-0.0318+0.3488i	-0.0245-0.1922i	-0.0514-0.1406i
60.2	0.8729-1.4955i	0.1172+0.3605i	2.7448+1.9852i	-0.6231-0.1297i	0.3152+0.3304i	-0.0254+0.3942i	-0.0419-0.2293i	-0.0786-0.1371i
60.3	0.9152-1.5531i	0.0713+0.2630i	2.7317+1.9052i	-0.6154-0.1150i	0.3494+0.3037i	-0.0457+0.4053i	-0.0969-0.2548i	-0.0510-0.1120i
60.4	0.8944-1.5709i	0.1782+0.2334i	2.8186+1.8611i	-0.5665-0.0942i	0.3794+0.2604i	-0.0291+0.4270i	-0.1624-0.2464i	-0.0135-0.0831i
60.5	0.8032-1.5785i	0.1766+0.2653i	2.6882+1.8995i	-0.6302-0.1919i	0.3541+0.2052i	-0.0399+0.3938i	-0.2030-0.2272i	0.0080-0.0693i
60.6	0.9137-1.4217i	0.1511+0.1691i	2.5849+1.9737i	-0.9268-0.2587i	0.3250+0.1850i	-0.0849+0.4403i	-0.2654-0.1689i	0.0684-0.1180i
60.7	0.9023-1.5123i	0.1191+0.1517i	2.6153+2.0512i	-1.0434-0.0491i	0.2940+0.1940i	-0.1182+0.4986i	-0.3563-0.0477i	0.1559-0.1997i
60.8	0.9086-1.6123i	0.0390+0.2284i	2.6297+2.1476i	-1.0323+0.1358i	0.3160+0.2217i	-0.0810+0.5668i	-0.2974+0.0540i	0.0922-0.2653i
60.9	0.8904-1.6626i	0.0375+0.1854i	2.7041+2.0554i	-0.8848+0.3075i	0.3415+0.2407i	-0.0717+0.6095i	-0.2572+0.0846i	0.0572-0.2904i
61.0	1.0010-1.6533i	0.0373+0.1334i	2.9301+2.0941i	-0.9325+0.3331i	0.3871+0.2773i	-0.0862+0.6320i	-0.2004+0.0209i	0.0120-0.2350i
61.1	0.9601-1.6538i	0.0898+0.2013i	3.0704+2.1429i	-0.9680+0.2979i	0.4463+0.2911i	-0.0808+0.6776i	-0.2091+0.0165i	0.0450-0.2131i
61.2	1.0132-1.6235i	0.0651+0.1663i	3.0592+2.0713i	-0.9798+0.3620i	0.4912+0.2647i	-0.0214+0.7318i	-0.2147+0.0516i	0.0437-0.2391i
61.3	1.0336-1.6643i	0.0581+0.0963i	3.1225+2.0133i	-0.8888+0.4867i	0.5243+0.2465i	0.0138+0.8067i	-0.2351+0.0901i	0.1059-0.2836i
61.4	1.0089-1.6186i	0.0681+0.1190i	3.1974+2.2109i	-1.0424+0.4851i	0.5878+0.1992i	0.0404+0.8812i	-0.2163+0.1382i	0.1235-0.3763i
61.5	1.0474-1.6013i	0.0208+0.1480i	3.1827+2.2713i	-1.1680+0.4511i	0.6338+0.1852i	0.0247+0.9493i	-0.1892+0.1823i	0.1049-0.4688i
61.6	1.2020-1.5734i	-0.0545+0.1462i	3.1706+2.2618i	-1.2476+0.5131i	0.6587+0.1534i	0.0665+1.0389i	-0.1701+0.1671i	0.0870-0.4702i
61.7	1.1840-1.6938i	-0.0281+0.1782i	3.3561+2.0808i	-1.1095+0.6971i	0.6964+0.0953i	0.1285+1.0670i	-0.1098+0.2205i	0.0273-0.5506i
61.8	1.1270-1.7991i	0.0351+0.2524i	3.5574+2.1965i	-0.9810+0.9119i	0.7455+0.0579i	0.1689+1.1662i	-0.0799+0.2436i	-0.0066-0.6102i
61.9	1.2068-1.7599i	0.0274+0.2165i	3.6359+2.3269i	-1.0899+0.9995i	0.7700+0.0311i	0.2498+1.2098i	-0.0538+0.2622i	-0.0813-0.6694i
62.0	1.2529-1.7880i	-0.0209+0.2613i	3.6893+2.4068i	-1.1372+1.1026i	0.8169-0.0398i	0.3374+1.3392i	-0.0542+0.2609i	-0.1514-0.6910i
62.1	1.2560-1.8111i	-0.0525+0.2521i	3.7088+2.3017i	-1.1308+1.1342i	0.8037-0.1137i	0.4563+1.4361i	-0.0093+0.2314i	-0.2591-0.6646i
62.2	1.3182-1.8809i	-0.0251+0.3007i	3.9038+2.2819i	-1.0562+1.1867i	0.8533-0.1920i	0.6111+1.4808i	0.0411+0.2134i	-0.3991-0.6325i
62.3	1.2864-1.9539i	0.0372+0.3829i	3.7667+2.2857i	-0.9665+1.1843i	0.8649-0.2519i	0.7522+1.4750i	0.0607+0.2128i	-0.4426-0.6133i

62.4	1.1327−1.9326i	0.1100+0.3299i	3.7792+2.2314i	−0.8305+1.2291i	0.8529−0.3148i	0.9032+1.4685i	0.0359+0.2126i	−0.4112−0.5644i
62.5	1.1973−1.9224i	0.0419+0.2467i	3.9904+2.2505i	−0.7823+1.5426i	0.8216−0.4353i	1.0588+1.4700i	−0.0227+0.2697i	−0.4345−0.5614i
62.6	1.3907−2.0982i	−0.0161+0.3289i	4.2506+2.3576i	−0.9349+1.7027i	0.8456−0.4786i	1.2222+1.5106i	−0.0614+0.2721i	−0.4689−0.5566i
62.7	1.4770−2.2526i	−0.0094+0.4206i	4.4037+2.4646i	−0.9469+1.9663i	0.8199−0.5313i	1.3882+1.4322i	−0.0719+0.3219i	−0.4868−0.4824i
62.8	1.2515−2.1929i	0.1301+0.3739i	4.3199+2.5152i	−0.6653+1.9717i	0.7487−0.5641i	1.4157+1.3182i	−0.0344+0.3594i	−0.4506−0.4123i
62.9	1.0137−2.3371i	0.2488+0.4339i	4.3957+2.2643i	−0.2923+1.8721i	0.7111−0.6210i	1.5401+1.1487i	0.0529+0.3926i	−0.4596−0.3976i
63.0	1.0312−2.3748i	0.3364+0.4096i	4.7843+2.3034i	−0.1061+1.8500i	0.7074−0.7151i	1.6441+1.0329i	0.1578+0.4086i	−0.5204−0.3862i
63.1	1.2383−2.4677i	0.1748+0.3800i	5.0097+2.4423i	−0.1050+2.1619i	0.6590−0.7929i	1.8302+1.0429i	0.1973+0.4996i	−0.5766−0.4474i
63.2	1.0993−2.5934i	0.3977+0.4659i	5.4214+2.3173i	0.3061+2.1171i	0.5769−0.8523i	1.9425+0.9328i	0.2974+0.5561i	−0.6406−0.4515i
63.3	0.9725−2.5971i	0.4419+0.3628i	5.3800+2.2059i	0.5721+1.8936i	0.5489−0.8698i	2.0193+0.8169i	0.3759+0.4984i	−0.6477−0.4037i
63.4	0.9414−2.5261i	0.4346+0.2735i	5.3968+2.2192i	0.6062+1.8366i	0.4819−0.8805i	2.0764+0.6436i	0.4518+0.5063i	−0.6819−0.4024i
63.5	0.9082−2.5401i	0.4576+0.2041i	5.5415+2.1027i	0.6298+1.6596i	0.4384−0.8915i	2.1598+0.5768i	0.4975+0.5106i	−0.7131−0.3976i
63.6	0.9745−2.4849i	0.4331+0.1689i	5.5710+2.1057i	0.5264+1.5134i	0.4087−0.8603i	2.1490+0.4827i	0.5195+0.4749i	−0.7183−0.3429i
63.7	1.0403−2.5685i	0.4054+0.1990i	5.9069+2.1334i	0.5828+1.3820i	0.3907−0.8814i	2.2263+0.2408i	0.6367+0.4693i	−0.7873−0.3194i
63.8	0.9998−2.5403i	0.4056+0.0697i	6.1474+2.1227i	0.5996+1.5451i	0.3717−0.8955i	2.2730+0.1444i	0.7163+0.5076i	−0.7712−0.3340i
63.9	0.9588−2.6285i	0.4012+0.0853i	6.3479+2.1659i	0.7174+1.5434i	0.3413−0.9185i	2.2821+0.0147i	0.8697+0.4819i	−0.8321−0.2785i
64.0	0.8667−2.6583i	0.4035+0.0308i	6.5376+1.9641i	0.7508+1.3747i	0.3004−1.0083i	2.2715−0.2234i	1.0184+0.4352i	−0.8891−0.2636i
64.1	0.7850−2.6152i	0.4118−0.0103i	6.5338+1.8211i	0.6225+1.2312i	0.2355−1.0184i	2.2212−0.3683i	1.0704+0.3721i	−0.8774−0.2334i
64.2	0.6756−2.4927i	0.4504−0.1410i	6.7474+1.5204i	0.6812+0.8717i	0.1816−0.9717i	2.0736−0.5180i	1.1314+0.2447i	−0.8617−0.1778i
64.3	0.6367−2.5674i	0.4135−0.1129i	7.1236+1.3649i	0.8613+0.9320i	0.1192−0.9725i	1.8540−0.7012i	1.2517+0.1046i	−0.8731−0.1497i
64.4	0.7021−2.5282i	0.3419−0.2873i	7.4981+1.2805i	0.7582+1.0151i	0.0635−0.9767i	1.8386−0.8511i	1.4207−0.0275i	−0.9417−0.1579i
64.5	0.7090−2.6226i	0.3180−0.2260i	7.6113+1.0181i	0.6060+1.0886i	0.0494−0.9126i	1.6713−0.8269i	1.4570−0.1832i	−1.0101−0.1258i
64.6	0.7049−2.8037i	0.2407−0.1408i	7.7609+0.6090i	0.7341+1.0073i	0.0728−0.8808i	1.6036−0.8353i	1.5707−0.3261i	−1.1568−0.0481i
64.7	0.5950−2.7444i	0.1952−0.1862i	7.7889+0.3067i	0.9815+0.8202i	0.1437−0.8358i	1.5596−0.8881i	1.6888−0.5194i	−1.2286+0.0926i
64.8	0.6467−2.7717i	0.2201−0.1970i	8.1317+0.1560i	0.9045+1.1728i	0.2349−0.8354i	1.5396−0.9406i	1.7280−0.6790i	−1.2226+0.1959i
64.9	0.6495−2.7254i	0.1325−0.2642i	8.1750−0.2435i	0.9201+1.0845i	0.2649−0.8576i	1.4941−1.0014i	1.6765−0.9639i	−1.1717+0.3824i
65.0	0.5705−2.8378i	0.1111−0.2704i	8.4538−0.9355i	1.0046+0.8891i	0.3017−0.9328i	1.3852−1.1210i	1.6487−1.3166i	−1.1845+0.5507i
65.1	0.6202−2.8396i	0.0731−0.2876i	8.5681−1.1913i	0.7736+0.9106i	0.3716−1.0826i	1.3117−1.1514i	1.5173−1.5540i	−1.1137+0.6270i
65.2	0.6086−2.9793i	0.0437−0.1318i	8.5920−1.3547i	0.6721+0.9696i	0.3570−1.1866i	1.2219−1.1813i	1.2838−1.7307i	−0.9554+0.7249i
65.3	0.7291−3.0600i	−0.1019−0.0062i	8.4462−1.3600i	0.6941+1.2473i	0.3955−1.2897i	1.1044−1.1974i	1.1371−1.8434i	−0.8824+0.7436i
65.4	0.8232−3.0483i	−0.1886−0.0558i	8.4464−1.6371i	0.8801+1.4940i	0.3613−1.3502i	1.0181−1.1555i	0.9731−1.8256i	−0.8104+0.6645i
65.5	0.6864−3.0512i	−0.1250−0.0818i	8.4968−2.2269i	0.8263+1.4274i	0.2318−1.4529i	0.8748−1.1025i	0.7605−1.9316i	−0.7185+0.6993i
65.6	0.4862−3.1967i	−0.0408+0.0184i	8.4622−2.6304i	1.0543+1.4816i	0.1544−1.5482i	0.8124−1.0251i	0.5956−2.0419i	−0.6530+0.7370i
65.7	0.3668−3.2184i	0.0462+0.0942i	8.3210−2.8318i	1.1986+1.3780i	0.0977−1.5946i	0.7519−0.8952i	0.4634−2.1129i	−0.5953+0.7749i
65.8	0.3140−3.2393i	−0.0489+0.0799i	8.2102−3.2749i	1.5365+1.2660i	0.0123−1.7411i	0.7360−0.8444i	0.2508−2.2540i	−0.5453+0.8329i
65.9	0.2462−3.3402i	−0.0201+0.0408i	8.1684−3.6188i	1.8365+1.2654i	−0.0707−1.8646i	0.7883−0.7601i	0.0943−2.2971i	−0.5008+0.8298i
66.0	0.1684−3.3124i	0.0608+0.1097i	8.0755−3.8420i	2.0763+1.0526i	−0.1927−1.9193i	0.7955−0.7291i	−0.0987−2.3426i	−0.4314+0.8731i
66.1	0.2712−3.3640i	−0.0224+0.1285i	8.0724−4.0854i	2.1746+0.9579i	−0.2813−2.0659i	0.8591−0.6876i	−0.3304−2.4309i	−0.3660+0.8715i
66.2	0.1199−3.3837i	0.0369+0.1381i	7.9397−4.3441i	2.1967+0.7033i	−0.4208−2.2183i	0.9309−0.7233i	−0.5828−2.4066i	−0.2830+0.8514i
66.3	0.0402−3.2860i	0.0195+0.0301i	7.7330−4.8681i	1.9766+0.1278i	−0.6859−2.3338i	1.0047−0.7188i	−0.9028−2.3513i	−0.1885+0.8471i
66.4	0.1309−3.3756i	−0.0162+0.0949i	7.7146−5.0422i	1.8769+0.0711i	−0.8835−2.3790i	1.0484−0.7709i	−1.1110−2.2945i	−0.1485+0.8458i
66.5	0.1018−3.4713i	0.0114+0.1296i	7.5668−5.1986i	1.7469+0.1674i	−1.1581−2.4540i	1.1041−0.8845i	−1.2947−2.1624i	−0.0848+0.7876i
66.6	0.0521−3.4742i	0.0539+0.1310i	7.3252−5.3069i	1.6032+0.1925i	−1.3623−2.4089i	1.0970−0.9335i	−1.4233−2.0024i	−0.0279+0.7341i
66.7	−0.1339−3.5089i	0.1266+0.1598i	7.0908−5.5932i	1.4554+0.1080i	−1.6673−2.2977i	1.1110−1.0986i	−1.6403−1.7740i	0.0263+0.6783i
66.8	−0.2573−3.6337i	0.1528+0.2559i	6.9880−5.8230i	1.4652+0.0753i	−1.9923−2.2457i	1.1095−1.2541i	−1.8577−1.6217i	0.0814+0.6383i
66.9	−0.3297−3.6231i	0.1828+0.2094i	6.8455−6.0537i	1.5011−0.0469i	−2.2156−2.0829i	1.0597−1.2746i	−1.9372−1.4400i	0.1095+0.5715i
67.0	−0.2432−3.7522i	0.1002+0.2294i	6.7140−6.2728i	1.6593+0.1701i	−2.3818−1.8968i	0.9341−1.3541i	−1.9629−1.1930i	0.0979+0.4632i
67.1	−0.2927−3.6042i	0.0953+0.1574i	6.4155−6.4016i	1.5708+0.2946i	−2.6147−1.6796i	0.7727−1.4765i	−2.0349−0.9026i	0.1064+0.3338i
67.2	−0.4343−3.6426i	0.1876+0.1932i	6.3820−6.5936i	1.6079+0.0732i	−2.7854−1.5059i	0.7156−1.5090i	−2.0259−0.7232i	0.0601+0.2674i
67.3	−0.6080−3.5740i	0.2952+0.1442i	6.2785−6.8406i	1.4234−0.1839i	−2.9511−1.2527i	0.5890−1.5542i	−2.0179−0.5343i	0.0187+0.2200i
67.4	−0.6967−3.5364i	0.2632+0.1026i	5.8910−7.1284i	1.3582−0.0695i	−3.1396−0.8656i	0.4197−1.5142i	−1.9381−0.2652i	−0.1004+0.1566i
67.5	−0.7611−3.5487i	0.2694+0.1110i	5.6394−7.2474i	1.3879−0.1700i	−3.2034−0.6110i	0.3060−1.5155i	−1.7658−0.1606i	−0.2437+0.1493i
67.6	−0.8747−3.4385i	0.2966+0.0435i	5.2793−7.3671i	1.2007−0.2946i	−3.1214−0.2871i	0.2213−1.4522i	−1.6075−0.0196i	−0.3449+0.1556i
67.7	−0.9332−3.3596i	0.3091+0.0423i	5.1248−7.4706i	1.1102−0.2765i	−3.1589+0.1205i	0.0272−1.3079i	−1.5477+0.1059i	−0.4415+0.1973i
67.8	−0.9633−3.4846i	0.3449+0.0687i	5.2114−7.6645i	1.1431−0.2502i	−3.1770+0.3485i	0.0188−1.2519i	−1.4799+0.0468i	−0.5472+0.3484i
67.9	−1.0619−3.5884i	0.4100+0.0378i	5.1268−8.0088i	1.2158−0.2506i	−3.0717+0.6194i	0.0475−1.1832i	−1.3909+0.0581i	−0.6019+0.4839i
68.0	−1.2157−3.6307i	0.4359+0.0296i	4.8818−8.3381i	1.3772−0.1810i	−2.8819+0.9239i	0.0664−1.0678i	−1.3368+0.1110i	−0.5914+0.6398i
68.1	−1.2511−3.5917i	0.3938+0.0258i	4.4302−8.4631i	1.2428−0.1021i	−2.5704+1.1150i	0.0877−0.9673i	−1.2514+0.1110i	−0.5217+0.7584i
68.2	−1.4600−3.5371i	0.4228+0.0310i	3.8222−8.6154i	1.0617+0.0437i	−2.3043+1.2586i	0.1170−0.9614i	−1.1911+0.1316i	−0.4271+0.8661i
68.3	−1.5695−3.5038i	0.4264+0.0064i	3.6132−8.6868i	1.1682+0.2800i	−2.1414+1.2454i	0.1257−1.0238i	−1.2044+0.0994i	−0.3504+0.9455i
68.4	−1.6840−3.3498i	0.4461−0.1191i	3.1639−8.8464i	1.2603+0.2535i	−1.9995+1.2435i	0.1428−1.0573i	−1.0703+0.2138i	−0.3004+0.8940i
68.5	−1.8366−3.2493i	0.4626−0.1836i	2.8103−9.0418i	1.5480−0.0012i	−1.9263+1.3813i	0.1217−1.0777i	−0.9330+0.2325i	−0.2359+0.9187i
68.6	−1.8970−3.2199i	0.4684−0.1743i	2.6249−9.0267i	1.6855−0.1373i	−1.8241+1.4216i	0.0765−1.0727i	−0.8929+0.1058i	−0.1769+0.9706i

68.7	-1.9542-2.9931i	0.4491-0.2544i	2.1931-8.9040i	1.4806-0.4164i	-1.5934+1.4782i	0.0653-1.0466i	-0.8982+0.0510i	-0.1159+0.9900i
68.8	-2.0493-2.7841i	0.4412-0.3361i	1.6975-8.8277i	1.2504-0.5959i	-1.3440+1.4613i	0.1145-0.9875i	-0.9318-0.0138i	0.0119+0.9960i
68.9	-2.1171-2.6387i	0.4020-0.3262i	1.2896-8.5803i	1.2773-0.7073i	-1.2126+1.4094i	0.0955-1.0503i	-1.0009-0.0654i	0.1664+1.0050i
69.0	-2.1509-2.5106i	0.3660-0.3541i	0.9723-8.4975i	1.1524-0.8042i	-1.1381+1.3696i	0.0605-1.0589i	-1.0606-0.0745i	0.2630+0.9675i
69.1	-2.1404-2.3210i	0.3206-0.4926i	0.6013-8.5577i	0.9202-0.8555i	-1.0353+1.2851i	-0.0211-1.0620i	-1.1038-0.0060i	0.3453+0.8501i
69.2	-2.1784-2.3478i	0.2918-0.4676i	0.3332-8.6214i	0.9708-0.8239i	-1.0721+1.1978i	-0.0571-1.1235i	-1.1797-0.0323i	0.3746+0.8487i
69.3	-2.0174-2.2516i	0.2742-0.4572i	0.3270-8.3784i	1.0619-0.7843i	-1.1320+1.1366i	-0.0685-1.1233i	-1.1698+0.0078i	0.3552+0.7732i
69.4	-2.0577-2.0681i	0.2563-0.5333i	-0.0331-8.2571i	1.0274-0.9070i	-1.2227+1.2437i	-0.1340-1.1117i	-1.1696+0.1317i	0.3313+0.7309i
69.5	-1.9965-1.8464i	0.1865-0.5239i	-0.4474-7.8867i	0.7551-1.0231i	-1.1450+1.3687i	-0.3314-1.0922i	-1.2121+0.2392i	0.3821+0.6444i
69.6	-1.9325-1.7095i	0.1171-0.5313i	-0.7138-7.5739i	0.4267-0.9531i	-1.0627+1.4379i	-0.4773-1.0127i	-1.2210+0.2592i	0.4089+0.6286i
69.7	-1.7858-1.7396i	0.0632-0.5388i	-0.7316-7.6216i	0.3559-0.8911i	-0.9638+1.5635i	-0.5014-0.8592i	-1.2085+0.2404i	0.3773+0.6733i
69.8	-1.6656-1.6505i	0.0436-0.5348i	-0.7606-7.3849i	0.4187-0.7981i	-0.8515+1.6690i	-0.4583-0.6874i	-1.2401+0.2829i	0.3862+0.6785i
69.9	-1.6679-1.6206i	-0.0319-0.5090i	-1.0554-7.1768i	0.2412-0.6794i	-0.6939+1.6803i	-0.4127-0.6090i	-1.2415+0.3090i	0.4033+0.6974i
70.0	-1.5642-1.5937i	-0.0869-0.4860i	-1.2102-6.9847i	0.2005-0.5495i	-0.4828+1.6203i	-0.3069-0.5579i	-1.2205+0.3903i	0.4632+0.6795i
70.1	-1.4296-1.6029i	-0.0295-0.5090i	-1.0119-6.9162i	0.3243-0.4617i	-0.4249+1.5745i	-0.2497-0.4979i	-1.2338+0.4535i	0.4869+0.6454i
70.2	-1.3123-1.5712i	-0.0818-0.5354i	-1.0620-6.7437i	0.2336-0.4171i	-0.3085+1.4739i	-0.1430-0.4819i	-1.1525+0.5027i	0.4918+0.5958i
70.3	-1.2195-1.5812i	-0.1391-0.4825i	-1.2630-6.5346i	0.2191-0.2977i	-0.2145+1.3433i	-0.0643-0.4929i	-1.0963+0.5533i	0.5271+0.5537i
70.4	-1.1524-1.5982i	-0.1810-0.4450i	-1.3710-6.4126i	0.2479-0.1821i	-0.1709+1.3010i	-0.0356-0.5481i	-1.1177+0.5877i	0.5581+0.5367i
70.5	-1.0353-1.6921i	-0.1779-0.4541i	-1.3233-6.3384i	0.4316-0.1442i	-0.1015+1.2084i	0.0706-0.7092i	-1.0510+0.5875i	0.5773+0.5349i
70.6	-1.0094-1.7840i	-0.1939-0.4302i	-1.3681-6.2719i	0.4297-0.1413i	-0.1112+1.1497i	0.0786-0.7106i	-0.9888+0.5757i	0.5692+0.5158i
70.7	-1.0354-1.8643i	-0.2688-0.3968i	-1.5864-6.2022i	0.3885-0.0600i	-0.0836+1.1065i	0.0324-0.7401i	-0.9788+0.5763i	0.6044+0.4955i
70.8	-0.9665-1.9642i	-0.2451-0.3881i	-1.4056-6.1320i	0.5749+0.0214i	-0.1226+1.0631i	-0.0529-0.7536i	-1.0330+0.5793i	0.6247+0.4897i
70.9	-0.9651-2.0427i	-0.2572-0.3742i	-1.3603-6.1011i	0.6641-0.0487i	-0.1119+1.0362i	-0.0686-0.7902i	-1.0728+0.5944i	0.6687+0.4461i
71.0	-1.0617-2.0369i	-0.2634-0.3790i	-1.5072-5.9571i	0.7036-0.0621i	-0.0756+0.9726i	-0.1257-0.7637i	-1.0431+0.6507i	0.6955+0.3592i
71.1	-1.0776-1.9915i	-0.2685-0.3735i	-1.5216-5.8351i	0.7101-0.0060i	-0.0766+0.9170i	-0.1468-0.7004i	-1.0521+0.6502i	0.6846+0.3242i
71.2	-1.1147-2.0798i	-0.2813-0.3495i	-1.4545-5.9382i	0.7682-0.1109i	-0.1072+0.9249i	-0.1907-0.6899i	-1.1100+0.6983i	0.7008+0.2879i
71.3	-1.2227-2.1114i	-0.2977-0.3182i	-1.5944-5.9358i	0.8214-0.2031i	-0.1151+0.8992i	-0.2701-0.6465i	-1.1061+0.7840i	0.7072+0.2304i
71.4	-1.2060-2.0923i	-0.3105-0.2637i	-1.5897-5.7613i	0.9100-0.1811i	-0.1481+0.8662i	-0.2016-0.5938i	-1.1452+0.8620i	0.7359+0.1924i
71.5	-1.1631-2.0501i	-0.3588-0.2603i	-1.6163-5.7631i	0.9457-0.0902i	-0.1178+0.8562i	-0.1380-0.5952i	-1.1087+0.9037i	0.7156+0.1906i
71.6	-1.1700-2.1439i	-0.4189-0.2969i	-1.7080-6.0582i	1.0062-0.2714i	-0.1089+0.8712i	-0.1239-0.6243i	-1.0536+0.9687i	0.6863+0.1612i
71.7	-1.2524-2.1966i	-0.4272-0.2572i	-1.9551-6.1747i	0.9850-0.3771i	-0.1086+0.8925i	-0.0737-0.6202i	-1.0582+1.0704i	0.7211+0.1020i
71.8	-1.3722-2.0330i	-0.3981-0.2325i	-2.2566-5.8856i	0.8562-0.3504i	-0.0715+0.8661i	-0.0796-0.5979i	-0.9651+1.1695i	0.7004+0.0425i
71.9	-1.3536-2.0140i	-0.3927-0.1755i	-2.2820-5.6767i	0.9234-0.3493i	-0.0797+0.8341i	-0.0787-0.6222i	-0.9151+1.1868i	0.6907+0.0215i
72.0	-1.3265-2.0191i	-0.4174-0.1777i	-2.3443-5.6983i	0.9393-0.4087i	-0.0567+0.8387i	-0.0518-0.6634i	-0.8721+1.2773i	0.7098-0.0377i
72.1	-1.2907-1.9383i	-0.4230-0.1846i	-2.4563-5.5253i	0.8967-0.4237i	-0.0422+0.7847i	-0.0409-0.6867i	-0.7904+1.2661i	0.6642-0.0673i
72.2	-1.4257-1.9029i	-0.4044-0.1634i	-2.7850-5.4397i	0.8733-0.4810i	-0.0130+0.7952i	-0.0820-0.6928i	-0.6469+1.3799i	0.6148-0.1426i
72.3	-1.3991-1.9376i	-0.4365-0.1005i	-2.9228-5.3147i	0.8763-0.4343i	-0.0136+0.7557i	-0.1393-0.7093i	-0.5835+1.4223i	0.6118-0.1854i
72.4	-1.3983-1.9455i	-0.4216-0.0514i	-2.9572-5.1821i	0.9169-0.4008i	-0.0241+0.7293i	-0.1478-0.7438i	-0.5066+1.4234i	0.5732-0.2041i
72.5	-1.4023-1.9846i	-0.4250-0.0129i	-3.0271-5.1391i	0.9513-0.4570i	-0.0294+0.7334i	-0.1526-0.7807i	-0.3562+1.4284i	0.4793-0.2136i
72.6	-1.4207-1.8148i	-0.3988-0.0504i	-3.1032-4.8770i	0.9681-0.5359i	-0.0472+0.7844i	-0.1433-0.7410i	-0.2835+1.4391i	0.4608-0.2179i
72.7	-1.3897-1.8921i	-0.4504-0.0309i	-3.2542-4.8841i	0.9588-0.6796i	-0.0461+0.7629i	-0.1229-0.7615i	-0.2925+1.3237i	0.4628-0.1729i
72.8	-1.2065-1.8041i	-0.5108+0.0133i	-3.1557-4.5350i	0.9254-0.5105i	-0.0238+0.7104i	-0.1829-0.7520i	-0.2453+1.2797i	0.4440-0.1677i
72.9	-1.1002-1.6885i	-0.5134+0.0083i	-3.0558-4.2183i	0.9087-0.4069i	0.0083+0.6955i	-0.1986-0.7526i	-0.1776+1.2898i	0.4121-0.1944i
73.0	-1.1370-1.7548i	-0.4843-0.0403i	-3.1279-4.3864i	0.9140-0.6222i	0.0675+0.6917i	-0.1957-0.7435i	-0.0670+1.2346i	0.3840-0.1822i
73.1	-1.2757-1.8710i	-0.4320+0.0162i	-3.2731-4.4550i	0.8540-0.7952i	0.1033+0.7223i	-0.2980-0.7910i	0.0318+1.2770i	0.3659-0.2252i
73.2	-1.2795-1.8673i	-0.4686+0.0539i	-3.4223-4.2589i	0.7599-0.8133i	0.0928+0.6754i	-0.3074-0.8173i	0.0444+1.2291i	0.3387-0.2174i
73.3	-1.1873-1.9044i	-0.4890+0.1351i	-3.3686-4.0282i	0.8155-0.7610i	0.0557+0.6104i	-0.3075-0.7883i	0.0466+1.1326i	0.3433-0.1949i
73.4	-1.1692-1.8960i	-0.4698+0.1523i	-3.3232-3.8881i	0.9115-0.7457i	-0.0297+0.6206i	-0.3163-0.7612i	0.0719+1.1481i	0.3377-0.2126i
73.5	-1.0044-1.7844i	-0.5118+0.1396i	-3.1905-3.5235i	0.9171-0.6415i	-0.1020+0.6040i	-0.2965-0.7633i	0.0297+1.1814i	0.3236-0.2563i
73.6	-1.0261-1.8887i	-0.5172+0.1559i	-3.2541-3.6400i	0.8657-0.7684i	-0.1129+0.6232i	-0.3591-0.7456i	0.0596+1.1401i	0.3264-0.2465i
73.7	-1.0097-1.8120i	-0.4946+0.1695i	-3.2191-3.4113i	0.7756-0.7512i	-0.0866+0.6584i	-0.4318-0.7145i	0.0824+1.1357i	0.3186-0.2425i
73.8	-1.0199-1.9194i	-0.4643+0.2398i	-3.1389-3.3101i	0.7449-0.8253i	-0.0842+0.7424i	-0.4854-0.7352i	0.1124+1.2019i	0.3058-0.2651i
73.9	-0.9827-2.0225i	-0.4547+0.2390i	-3.1025-3.4280i	0.7820-0.9228i	-0.0230+0.7645i	-0.5532-0.6868i	0.2127+1.2076i	0.2810-0.2998i
74.0	-0.9982-2.1713i	-0.4359+0.3234i	-3.1114-3.3614i	0.7545-0.9877i	0.0076+0.7633i	-0.5789-0.6367i	0.2969+1.2178i	0.2486-0.3365i
74.1	-1.0246-2.2147i	-0.4328+0.3513i	-3.1634-3.2744i	0.7123-0.9928i	-0.0000+0.7594i	-0.5756-0.5817i	0.3500+1.1828i	0.1975-0.3302i
74.2	-0.9199-2.3524i	-0.5031+0.3417i	-3.1387-3.4162i	0.6668-1.0650i	0.0413+0.7222i	-0.5452-0.5435i	0.3635+1.1074i	0.1770-0.3161i
74.3	-0.9552-2.3779i	-0.4730+0.3805i	-3.1323-3.3186i	0.6124-1.0525i	0.0795+0.6898i	-0.5404-0.4980i	0.3993+1.0579i	0.1603-0.3023i
74.4	-0.9887-2.3694i	-0.3987+0.3878i	-3.0304-3.1813i	0.6342-1.0801i	0.1106+0.6962i	-0.5263-0.4890i	0.4680+0.9880i	0.1201-0.2725i
74.5	-0.7618-2.4827i	-0.4394+0.4734i	-2.7349-3.1291i	0.7288-0.9864i	0.0216+0.6927i	-0.4591-0.4518i	0.4177+1.0336i	0.1292-0.3120i
74.6	-0.8167-2.5743i	-0.4489+0.5644i	-2.7793-2.9932i	0.6944-0.9240i	-0.0019+0.6936i	-0.5133-0.4612i	0.4510+0.9830i	0.0819-0.2974i
74.7	-1.2040-2.6130i	-0.3291+0.5311i	-3.1327-2.9641i	0.5122-1.1206i	0.1026+0.7339i	-0.5117-0.4052i	0.5919+0.9515i	0.0232-0.3034i
74.8	-1.1467-2.6091i	-0.3401+0.5676i	-3.0238-2.8450i	0.4735-1.0731i	0.0532+0.7329i	-0.4379-0.4100i	0.5479+0.9153i	0.0217-0.2793i
74.9	-1.2201-2.6472i	-0.3261+0.5668i	-3.1533-2.8160i	0.4074-1.0787i	0.0611+0.6464i	-0.4437-0.3329i	0.5375+0.7737i	0.0260-0.2344i

75.0	-1.4150-2.9155i	-0.2653+0.6292i	-3.2737-2.9809i	0.3805-1.2654i	0.1323+0.7120i	-0.4689-0.3457i	0.6099+0.7209i	0.0091-0.1882i
75.1	-1.4826-3.0665i	-0.2459+0.6390i	-3.3571-3.0128i	0.4173-1.3292i	0.1367+0.7565i	-0.4673-0.3839i	0.6668+0.7153i	-0.0311-0.1907i
75.2	-1.5408-3.3156i	-0.1370+0.6921i	-3.1986-3.1397i	0.5307-1.4328i	0.1853+0.8657i	-0.4732-0.3879i	0.7195+0.7494i	-0.0548-0.1812i
75.3	-1.5433-3.2449i	-0.1439+0.7121i	-3.0883-3.0235i	0.3374-1.3589i	0.1734+0.8207i	-0.3603-0.4271i	0.6794+0.7082i	-0.0489-0.1771i
75.4	-1.7387-3.1986i	-0.1071+0.7616i	-3.3043-2.7503i	0.2254-1.3172i	0.1508+0.7745i	-0.3859-0.4201i	0.6450+0.6349i	-0.0480-0.1563i
75.5	-1.6985-3.2965i	-0.0062+0.8053i	-3.0265-2.7417i	0.3137-1.3129i	0.1728+0.7912i	-0.3901-0.3620i	0.6294+0.6343i	-0.0377-0.1455i
75.6	-1.9467-3.3900i	0.0999+0.7989i	-3.1681-2.7481i	0.2500-1.3992i	0.3077+0.8337i	-0.4241-0.3648i	0.6903+0.6095i	-0.0412-0.1321i
75.7	-1.9371-3.4754i	0.1072+0.7758i	-3.1047-2.7931i	0.2003-1.4512i	0.3101+0.7599i	-0.4354-0.3345i	0.6635+0.5625i	-0.0337-0.1302i
75.8	-2.0085-3.2725i	0.0697+0.6492i	-3.1966-2.6557i	0.0950-1.3778i	0.3951+0.6291i	-0.4164-0.3381i	0.7165+0.4580i	-0.0501-0.1107i
75.9	-1.9819-3.1686i	0.1217+0.6712i	-3.0004-2.4276i	0.0536-1.2656i	0.3804+0.5773i	-0.3380-0.3793i	0.7029+0.4242i	-0.0609-0.0918i
76.0	-2.0231-3.3665i	0.1922+0.7250i	-2.7709-2.5755i	0.0893-1.3293i	0.4162+0.5993i	-0.3323-0.4031i	0.7028+0.4327i	-0.0625-0.0720i
76.1	-2.4234-3.4935i	0.2261+0.7307i	-2.9968-2.5717i	-0.0706-1.3940i	0.4104+0.5774i	-0.4181-0.3783i	0.7192+0.3750i	-0.0596-0.0814i
76.2	-2.5772-3.4959i	0.2579+0.7491i	-3.1052-2.3753i	-0.1726-1.3418i	0.3461+0.5498i	-0.4327-0.4106i	0.6892+0.3121i	-0.0787-0.0497i
76.3	-2.4651-3.5189i	0.2879+0.6785i	-2.8764-2.5030i	-0.1730-1.3596i	0.3811+0.4980i	-0.3897-0.3924i	0.6998+0.2727i	-0.0924-0.0411i
76.4	-2.7654-3.3249i	0.4322+0.5642i	-2.8511-2.4629i	-0.3184-1.2696i	0.4361+0.4580i	-0.3880-0.3291i	0.7181+0.1995i	-0.0976-0.0124i
76.5	-2.8910-3.1667i	0.4900+0.5058i	-2.8702-2.2314i	-0.3372-1.1605i	0.4040+0.4046i	-0.4089-0.3355i	0.6654+0.1223i	-0.0837+0.0169i
76.6	-3.2004-3.0231i	0.4117+0.5470i	-3.1873-2.1666i	-0.4606-1.1022i	0.3702+0.3382i	-0.3942-0.2914i	0.6531+0.0493i	-0.0916+0.0251i
76.7	-3.2163-3.2118i	0.4379+0.5587i	-2.9323-2.3937i	-0.5086-1.1237i	0.3758+0.3502i	-0.3537-0.3151i	0.6489+0.1074i	-0.0909+0.0052i
76.8	-3.3684-3.3079i	0.4428+0.3983i	-2.9295-2.6528i	-0.5066-1.1234i	0.3516+0.3221i	-0.3930-0.3370i	0.6486+0.1235i	-0.1033+0.0068i
76.9	-3.4589-3.3607i	0.5134+0.3603i	-2.8324-2.6877i	-0.4887-1.0656i	0.3468+0.2944i	-0.3699-0.3073i	0.6519+0.0681i	-0.1154+0.0111i
77.0	-3.4821-3.1648i	0.5694+0.4135i	-2.6664-2.4457i	-0.5023-0.9394i	0.3245+0.2909i	-0.3750-0.2969i	0.6009+0.0253i	-0.1052+0.0226i
77.1	-3.5369-3.0942i	0.6161+0.3394i	-2.4566-2.5137i	-0.4704-0.8867i	0.3127+0.2578i	-0.3223-0.2818i	0.5673-0.0186i	-0.1148+0.0530i
77.2	-3.4723-3.0012i	0.5987+0.2516i	-2.2956-2.5429i	-0.4746-0.8022i	0.2657+0.2095i	-0.2600-0.2480i	0.5208-0.0361i	-0.1213+0.0680i
77.3	-3.9945-3.2781i	0.5580+0.2862i	-2.8105-2.9153i	-0.5588-0.7871i	0.2088+0.2166i	-0.2641-0.3121i	0.5230-0.1375i	-0.1317+0.1377i
77.4	-4.1549-3.2156i	0.5946+0.1668i	-2.7226-2.9730i	-0.5341-0.6684i	0.1909+0.2384i	-0.2512-0.2973i	0.4737-0.1220i	-0.1263+0.1330i
77.5	-4.5035-2.7758i	0.5736+0.0355i	-3.0002-2.8979i	-0.4880-0.5610i	0.1116+0.1985i	-0.2739-0.3187i	0.4145-0.1210i	-0.1156+0.1464i
77.6	-4.5367-2.5295i	0.5043-0.0601i	-3.0652-2.8590i	-0.4395-0.4996i	0.0740+0.2049i	-0.2544-0.3272i	0.4028-0.1218i	-0.1191+0.1631i
77.7	-4.6139-2.4681i	0.5170-0.0220i	-3.1266-2.9996i	-0.3766-0.5015i	0.0301+0.2382i	-0.2469-0.3800i	0.3893-0.1536i	-0.1444+0.2102i
77.8	-5.0399-2.7855i	0.4447+0.0001i	-3.4245-3.3211i	-0.3011-0.5122i	-0.0232+0.3292i	-0.2023-0.3944i	0.4008-0.2185i	-0.1393+0.2882i
77.9	-5.3509-2.7467i	0.4595-0.2111i	-3.6873-3.5931i	-0.2441-0.4851i	-0.0864+0.3710i	-0.1946-0.4479i	0.4079-0.2312i	-0.1512+0.3346i
78.0	-5.3774-2.2797i	0.4558-0.1671i	-3.7316-3.2832i	-0.2374-0.5284i	-0.1290+0.3783i	-0.2368-0.3803i	0.3027-0.1873i	-0.1179+0.3314i
78.1	-5.4529-2.0078i	0.4098-0.2038i	-3.9121-3.1516i	-0.1113-0.5499i	-0.1018+0.4376i	-0.2695-0.4432i	0.2456-0.2283i	-0.0550+0.3662i
78.2	-5.2622-1.6845i	0.4771-0.1865i	-3.7248-2.9174i	-0.1357-0.4977i	-0.0549+0.5168i	-0.2247-0.4714i	0.2270-0.2114i	-0.0535+0.3761i
78.3	-5.4455-1.7416i	0.4322-0.2324i	-3.9253-3.0254i	-0.0385-0.4919i	-0.0676+0.5787i	-0.2476-0.4909i	0.1650-0.2429i	0.0367+0.4373i
78.4	-5.7697-1.4053i	0.3187-0.3256i	-4.2886-2.9684i	0.0327-0.5250i	-0.0067+0.6288i	-0.3445-0.5452i	0.0941-0.2728i	0.1294+0.4812i
78.5	-5.5568-1.0128i	0.3505-0.3950i	-4.2103-3.0445i	-0.0591-0.5438i	0.0484+0.6312i	-0.3197-0.5829i	0.0935-0.2226i	0.1241+0.4427i
78.6	-5.4615-0.7988i	0.2951-0.4185i	-4.1969-2.8988i	0.0123-0.5276i	0.0763+0.6322i	-0.3589-0.5789i	0.0346-0.1915i	0.1884+0.4333i
78.7	-5.7194-0.7425i	0.2399-0.3785i	-4.3973-2.9366i	-0.0446-0.5735i	0.1337+0.7357i	-0.3454-0.6324i	-0.0223-0.2382i	0.2335+0.4734i
78.8	-5.5165-0.3572i	0.0471-0.3982i	-4.5216-2.8270i	-0.1147-0.4477i	0.2480+0.7521i	-0.3719-0.6317i	-0.0675-0.2437i	0.3142+0.4921i
78.9	-5.0123-0.1528i	-0.0356-0.3426i	-4.4731-2.8753i	-0.1032-0.4436i	0.2056+0.6918i	-0.3291-0.6316i	-0.0658-0.1657i	0.3105+0.4404i
79.0	-4.9368-0.6556i	-0.0062-0.1076i	-4.7649-3.2261i	0.2840-0.5803i	0.1839+0.7533i	-0.4211-0.7793i	-0.0549-0.0993i	0.3459+0.4002i
79.1	-5.6143-0.7793i	0.0646-0.0846i	-5.3813-3.1810i	0.3592-0.8318i	0.2439+0.8121i	-0.5858-0.7191i	-0.0577-0.0800i	0.3884+0.3517i
79.2	-6.1379-0.4629i	0.0908-0.2350i	-5.5544-2.8575i	0.2817-0.9331i	0.3507+0.8061i	-0.5792-0.6916i	-0.0793-0.1207i	0.4055+0.3744i
79.3	-6.1584-0.2148i	0.1132-0.3148i	-5.7158-2.7945i	0.0787-1.0147i	0.4036+0.7696i	-0.5081-0.6380i	-0.0967-0.0953i	0.3930+0.3483i
79.4	-5.9827+0.1452i	0.1053-0.1192i	-5.7575-2.4502i	0.0009-1.0531i	0.3945+0.6789i	-0.5133-0.5445i	-0.1201-0.0223i	0.4155+0.2662i
79.5	-6.2797+0.4819i	-0.0411-0.1290i	-6.1871-2.1953i	0.0059-1.1561i	0.4029+0.6677i	-0.5867-0.5705i	-0.1219+0.0068i	0.4198+0.2380i
79.6	-6.2127+0.8837i	-0.1018-0.1559i	-6.3169-1.8630i	-0.0256-1.1377i	0.4182+0.6594i	-0.6337-0.5694i	-0.1330+0.0249i	0.4249+0.2246i
79.7	-6.0861+1.0563i	-0.1262-0.1527i	-6.3667-1.6324i	-0.0515-1.1550i	0.4240+0.6468i	-0.6387-0.5432i	-0.1260+0.0270i	0.4147+0.2188i
79.8	-6.1564+1.3066i	-0.1846-0.0743i	-6.6138-1.3875i	-0.0152-1.1378i	0.4830+0.6086i	-0.7363-0.5434i	-0.1533+0.0473i	0.4759+0.2036i
79.9	-6.0440+1.5383i	-0.2874+0.1565i	-6.9407-1.2559i	-0.0591-1.2297i	0.5449+0.6338i	-0.7902-0.6275i	-0.1721+0.0515i	0.5305+0.2117i
80.0	-5.6273+1.9847i	-0.1900+0.0555i	-6.5703-0.8219i	-0.2092-1.1168i	0.5193+0.5818i	-0.7251-0.5295i	-0.1351+0.0668i	0.4828+0.1822i

2.1.101 Run 9 – IP270A10 – Accels 33–40

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	9.5805+0.0000i	4.2201+0.0000i	-4.7274+0.0000i	-3.6883+0.0000i	20.5998+0.0000i	9.4787+0.0000i	11.3758+0.0000i	3.8980+0.0000i
0.1	10.4819-2.2014i	5.1553-4.3914i	-3.5592-1.6996i	-0.9225+0.6823i	22.4942-2.4144i	13.0266-0.8705i	10.4198+1.0077i	3.1897+0.0465i
0.2	-1.1125-8.8809i	-6.7870-4.2617i	2.0956+5.6566i	11.5129-27.3974i	-4.6406-23.4980i	36.4896-47.0565i	2.3490-6.1377i	4.1937-15.7539i
0.3	4.2884-3.9692i	-0.5427-2.4068i	0.0572-2.6496i	-0.7860+0.2831i	2.5380+1.5148i	5.6999-5.6221i	-0.7666+0.8292i	0.2951+1.8043i
0.4	-0.2617+0.4930i	-0.0139-0.3231i	-0.2429+0.0820i	0.5404+0.1107i	1.3605-0.9407i	0.1713-1.0946i	0.0023+0.0338i	-0.1313+0.2738i
0.5	-0.0756+0.2673i	0.0841+0.0503i	-0.1534+0.1161i	0.1574-0.2556i	0.4830-0.3058i	-0.1453-0.2516i	0.0481-0.0826i	0.0175+0.1058i
0.6	-0.0528+0.2042i	0.2032+0.1987i	0.0552+0.1148i	-0.0506-0.1924i	-0.1316-0.2174i	-0.0226-0.0586i	-0.0450-0.0293i	0.0114-0.0308i
0.7	-0.0095+0.0172i	0.0491-0.0500i	0.0726+0.0505i	-0.1509+0.1123i	0.0950+0.4891i	-0.0171-0.0224i	-0.0047+0.0738i	-0.0767+0.0169i
0.8	-0.0012+0.0051i	0.0451-0.0364i	-0.0122-0.0139i	-0.0110-0.0121i	0.0883+0.1707i	-0.0247-0.0375i	-0.0018+0.0029i	-0.0374+0.0104i
0.9	-0.0360+0.0178i	0.0715+0.0225i	-0.0082-0.0225i	0.0173-0.0185i	-0.1489-0.1011i	0.0075-0.0097i	-0.0306+0.0109i	-0.0218+0.0155i
1.0	-0.0215-0.0298i	0.0840+0.0389i	-0.0165+0.0115i	0.0315+0.0009i	-0.0229-0.1532i	-0.0009+0.0203i	-0.0209+0.0058i	-0.0459+0.0020i
1.1	-0.0043+0.0083i	0.1555+0.0158i	-0.0060+0.0122i	0.0484-0.0028i	0.1120+0.1229i	-0.0186+0.0012i	0.0013-0.0011i	-0.0377+0.0257i
1.2	-0.0088+0.0133i	0.1702+0.0210i	0.0062+0.0022i	0.0605-0.0117i	0.0342+0.1592i	-0.0269-0.0022i	0.0094+0.0049i	-0.0452+0.0404i
1.3	-0.0179+0.0211i	0.2187+0.0556i	0.0110-0.0025i	0.0831-0.0305i	0.0594+0.1723i	-0.0231+0.0042i	0.0102+0.0009i	-0.0530+0.0675i
1.4	-0.0298+0.0538i	0.2452+0.1146i	0.0175-0.0104i	0.1059-0.0695i	0.0999+0.2670i	-0.0266+0.0119i	0.0127-0.0046i	-0.0484+0.0997i
1.5	0.0540+0.1262i	0.6323+0.3039i	0.0026-0.0193i	-0.0008-0.1610i	0.7147+0.6012i	-0.0191+0.0272i	0.0099-0.0289i	-0.0058+0.1367i
1.6	0.1502+0.0209i	1.1871-0.1011i	-0.0044-0.0026i	-0.1044-0.0142i	1.4681-0.0981i	-0.0051+0.0039i	-0.0179-0.0255i	-0.0125+0.1088i
1.7	0.0949-0.0552i	1.1795-0.5675i	0.0105+0.0016i	-0.0099+0.0774i	1.2727-0.7256i	-0.0244-0.0106i	-0.0233-0.0038i	-0.0398+0.1511i
1.8	0.0436-0.0420i	1.2848-0.9965i	0.0233-0.0116i	0.0989+0.0600i	1.1525-1.0774i	-0.0489+0.0011i	-0.0214+0.0053i	-0.0329+0.2634i
1.9	0.0181-0.0060i	1.2804-1.5917i	0.0335-0.0275i	0.1953-0.0044i	0.7958-1.5105i	-0.0728+0.0250i	-0.0133+0.0153i	0.0987+0.3550i
2.0	0.0385+0.0485i	0.4152-2.2665i	0.0169-0.0603i	0.2273-0.1266i	-0.1432-1.8549i	-0.0702+0.0603i	0.0070+0.0274i	0.3887+0.3045i
2.1	0.1837+0.0267i	-1.1289-1.4742i	-0.0535-0.0450i	0.1430-0.1827i	-0.9897-1.1136i	-0.0297+0.0620i	0.0360+0.0083i	0.4682-0.0348i
2.2	0.3527-0.1320i	-1.2731-0.9001i	-0.0989+0.0040i	0.2360-0.2953i	-1.0366-0.6376i	-0.0531+0.0823i	0.0581-0.0260i	0.3867-0.1601i
2.3	0.2397-0.5034i	-1.1604-0.5958i	-0.0718+0.0929i	0.0984-0.6090i	-0.9255-0.3513i	-0.0239+0.1536i	0.0329-0.0857i	0.2724-0.1687i
2.4	-0.2314-0.3297i	-1.0544-0.4139i	0.0356+0.0590i	-0.3564-0.4061i	-0.8150-0.2376i	0.0846+0.1020i	-0.0413-0.0507i	0.1921-0.1742i
2.5	-0.2454-0.0724i	-0.9300-0.2990i	0.0411+0.0060i	-0.3579-0.1367i	-0.7025-0.2164i	0.0834+0.0348i	-0.0380-0.0085i	0.1653-0.1728i
2.6	-0.1364-0.0040i	-0.8321-0.2263i	0.0181-0.0078i	-0.2466-0.0574i	-0.5691-0.1485i	0.0536+0.0165i	-0.0214+0.0005i	0.1325-0.1792i
2.7	-0.0955+0.0128i	-0.7822-0.1891i	0.0101-0.0090i	-0.2067-0.0373i	-0.5398-0.1076i	0.0426+0.0110i	-0.0178+0.0022i	0.0831-0.2004i
2.8	-0.0746+0.0109i	-0.7245-0.1641i	0.0091-0.0070i	-0.1796-0.0342i	-0.5245-0.0821i	0.0345+0.0103i	-0.0138+0.0019i	0.0653-0.1941i
2.9	-0.0627+0.0086i	-0.6769-0.1408i	0.0086-0.0056i	-0.1619-0.0301i	-0.4910-0.0690i	0.0290+0.0105i	-0.0110+0.0026i	0.0683-0.1881i
3.0	-0.0549+0.0088i	-0.6318-0.1191i	0.0090-0.0054i	-0.1476-0.0258i	-0.4460-0.0532i	0.0233+0.0093i	-0.0095+0.0016i	0.0868-0.1916i
3.1	-0.0476+0.0081i	-0.6078-0.1035i	0.0075-0.0051i	-0.1417-0.0217i	-0.4172-0.0414i	0.0185+0.0077i	-0.0073+0.0019i	0.0539-0.1953i
3.2	-0.0379+0.0069i	-0.5872-0.0976i	0.0063-0.0047i	-0.1352-0.0212i	-0.4038-0.0550i	0.0160+0.0074i	-0.0072+0.0014i	0.0177-0.1963i
3.3	-0.0360+0.0085i	-0.5615-0.0895i	0.0073-0.0051i	-0.1263-0.0198i	-0.3786-0.0383i	0.0125+0.0065i	-0.0071+0.0009i	0.0187-0.2063i
3.4	-0.0338+0.0069i	-0.5449-0.0804i	0.0077-0.0051i	-0.1213-0.0183i	-0.3632-0.0404i	0.0097+0.0057i	-0.0062+0.0009i	0.0157-0.1944i
3.5	-0.0298+0.0048i	-0.5296-0.0766i	0.0081-0.0043i	-0.1171-0.0174i	-0.3459-0.0362i	0.0069+0.0056i	-0.0066+0.0006i	-0.0038-0.1956i
3.6	-0.0271+0.0044i	-0.5176-0.0694i	0.0089-0.0049i	-0.1140-0.0156i	-0.3516-0.0346i	0.0040+0.0036i	-0.0069+0.0000i	-0.0045-0.2011i
3.7	-0.0256+0.0054i	-0.5045-0.0639i	0.0107-0.0050i	-0.1107-0.0133i	-0.3437-0.0514i	0.0013+0.0026i	-0.0071+0.0000i	-0.0058-0.1917i
3.8	-0.0247+0.0049i	-0.4944-0.0610i	0.0112-0.0049i	-0.1082-0.0140i	-0.3151-0.0295i	-0.0018+0.0030i	-0.0069+0.0005i	-0.0257-0.1971i
3.9	-0.0236+0.0042i	-0.4846-0.0638i	0.0110-0.0046i	-0.1070-0.0140i	-0.2962-0.0286i	-0.0042+0.0040i	-0.0063+0.0001i	-0.0532-0.2179i
4.0	-0.0236+0.0038i	-0.4813-0.0617i	0.0126-0.0040i	-0.1064-0.0123i	-0.3032-0.0280i	-0.0059+0.0043i	-0.0036+0.0003i	-0.0657-0.2215i
4.1	-0.0230+0.0046i	-0.4754-0.0567i	0.0138-0.0041i	-0.1055-0.0120i	-0.2957-0.0187i	-0.0077+0.0051i	-0.0035-0.0016i	-0.1085-0.2404i
4.2	-0.0217+0.0054i	-0.4678-0.0542i	0.0140-0.0036i	-0.1056-0.0122i	-0.2925-0.0261i	-0.0098+0.0052i	-0.0032-0.0033i	-0.1422-0.2539i
4.3	-0.0216+0.0050i	-0.4604-0.0512i	0.0145-0.0034i	-0.1045-0.0101i	-0.3261-0.0093i	-0.0129+0.0036i	-0.0013-0.0050i	-0.1603-0.2232i
4.4	-0.0214+0.0060i	-0.4564-0.0508i	0.0158-0.0039i	-0.1023-0.0070i	-0.3214-0.0059i	-0.0162+0.0032i	-0.0037-0.0098i	-0.1494-0.1998i
4.5	-0.0190+0.0059i	-0.4503-0.0489i	0.0165-0.0032i	-0.0985-0.0075i	-0.3190-0.0066i	-0.0202+0.0036i	-0.0104-0.0063i	-0.1363-0.2239i
4.6	-0.0192+0.0043i	-0.4431-0.0451i	0.0177-0.0023i	-0.0975-0.0102i	-0.2891-0.0149i	-0.0225+0.0031i	-0.0116-0.0015i	-0.1771-0.2186i
4.7	-0.0196+0.0030i	-0.4380-0.0442i	0.0195-0.0024i	-0.0970-0.0111i	-0.2829-0.0151i	-0.0263+0.0031i	-0.0091+0.0001i	-0.2079-0.2163i
4.8	-0.0179+0.0031i	-0.4343-0.0423i	0.0214-0.0013i	-0.0962-0.0094i	-0.2897-0.0222i	-0.0303+0.0031i	-0.0067+0.0015i	-0.2226-0.1935i
4.9	-0.0172+0.0053i	-0.4256-0.0438i	0.0227-0.0037i	-0.0968-0.0085i	-0.2861-0.0204i	-0.0328+0.0017i	-0.0076-0.0028i	-0.3238-0.1549i
5.0	-0.0171+0.0047i	-0.4203-0.0462i	0.0227-0.0030i	-0.0972-0.0078i	-0.2695-0.0348i	-0.0371+0.0012i	-0.0088-0.0029i	-0.3633-0.1421i
5.1	-0.0163+0.0044i	-0.4181-0.0466i	0.0228-0.0026i	-0.0955-0.0078i	-0.2597-0.0378i	-0.0419+0.0016i	-0.0136-0.0052i	-0.4072-0.0913i
5.2	-0.0152+0.0042i	-0.4123-0.0449i	0.0253-0.0023i	-0.0923-0.0070i	-0.2864-0.0321i	-0.0473+0.0019i	-0.0185-0.0021i	-0.3817-0.1037i
5.3	-0.0165+0.0028i	-0.4088-0.0525i	0.0277-0.0033i	-0.0931-0.0064i	-0.2706-0.0139i	-0.0499+0.0003i	-0.0138+0.0008i	-0.4373+0.0035i
5.4	-0.0154+0.0046i	-0.4106-0.0591i	0.0279-0.0034i	-0.0932-0.0047i	-0.2637-0.0063i	-0.0537-0.0006i	-0.0148-0.0055i	-0.4147+0.1036i
5.5	-0.0120+0.0043i	-0.4095-0.0633i	0.0276-0.0054i	-0.0906-0.0059i	-0.2450-0.0153i	-0.0600-0.0011i	-0.0225-0.0048i	-0.3989+0.1323i
5.6	-0.0148+0.0022i	-0.4081-0.0670i	0.0306-0.0034i	-0.0915-0.0065i	-0.2476-0.0547i	-0.0651+0.0012i	-0.0197+0.0018i	-0.3888+0.1898i

5.7	-0.0149-0.0007i	-0.4111-0.0731i	0.0345-0.0020i	-0.0916-0.0086i	-0.2749-0.0537i	-0.0691+0.0038i	-0.0211+0.0127i	-0.3199+0.3010i
5.8	-0.0130-0.0033i	-0.4153-0.0756i	0.0355-0.0015i	-0.0910-0.0127i	-0.2725-0.0261i	-0.0746+0.0064i	-0.0234+0.0215i	-0.2645+0.2796i
5.9	-0.0110-0.0027i	-0.4243-0.0758i	0.0359-0.0017i	-0.0901-0.0106i	-0.2829-0.0670i	-0.0820+0.0048i	-0.0274+0.0114i	-0.1415+0.2913i
6.0	-0.0107-0.0028i	-0.4330-0.0772i	0.0376-0.0004i	-0.0918-0.0121i	-0.2788-0.0644i	-0.0886+0.0055i	-0.0230+0.0183i	-0.0992+0.3325i
6.1	-0.0132-0.0030i	-0.4343-0.0734i	0.0395-0.0012i	-0.0937-0.0121i	-0.2919-0.0245i	-0.0960+0.0054i	-0.0159+0.0217i	-0.0264+0.3162i
6.2	-0.0150-0.0037i	-0.4370-0.0677i	0.0435-0.0003i	-0.0937-0.0122i	-0.2980-0.0608i	-0.1028+0.0063i	-0.0123+0.0271i	0.0790+0.2649i
6.3	-0.0163-0.0060i	-0.4431-0.0654i	0.0485+0.0013i	-0.0967-0.0146i	-0.3135-0.0541i	-0.1098+0.0080i	-0.0056+0.0372i	0.0303+0.2219i
6.4	-0.0176-0.0063i	-0.4429-0.0645i	0.0536-0.0005i	-0.0994-0.0154i	-0.2976-0.0445i	-0.1185+0.0124i	0.0062+0.0387i	-0.0149+0.1982i
6.5	-0.0154-0.0063i	-0.4415-0.0589i	0.0629-0.0024i	-0.1005-0.0151i	-0.2814-0.0552i	-0.1271+0.0151i	0.0223+0.0308i	-0.0302+0.1605i
6.6	-0.0159-0.0066i	-0.4356-0.0560i	0.0756-0.0040i	-0.1012-0.0148i	-0.2866-0.0649i	-0.1378+0.0139i	0.0304+0.0251i	0.0265+0.0760i
6.7	-0.0159-0.0093i	-0.4343-0.0553i	0.0893-0.0163i	-0.1072-0.0154i	-0.3187-0.0514i	-0.1578+0.0273i	0.0409+0.0248i	0.0266+0.0049i
6.8	-0.0211-0.0112i	-0.4390-0.0504i	0.1008-0.0503i	-0.1178-0.0104i	-0.3261-0.0392i	-0.1766+0.0554i	0.0722+0.0027i	0.0106+0.0866i
6.9	-0.0306-0.0074i	-0.4395-0.0502i	0.0689-0.0921i	-0.1228+0.0034i	-0.3084-0.0741i	-0.1748+0.0880i	0.0729-0.0549i	0.0488+0.1542i
7.0	-0.0318-0.0013i	-0.4315-0.0543i	0.0039-0.1031i	-0.1100+0.0131i	-0.3194-0.0542i	-0.1255+0.0954i	0.0090-0.0994i	0.0059+0.1249i
7.1	-0.0285+0.0018i	-0.4315-0.0591i	-0.0251-0.0740i	-0.0982+0.0126i	-0.3299-0.0768i	-0.0996+0.0773i	-0.0382-0.0893i	-0.0222+0.1541i
7.2	-0.0253+0.0015i	-0.4377-0.0622i	-0.0232-0.0350i	-0.0926+0.0032i	-0.3288-0.0914i	-0.1069+0.0464i	-0.0642-0.0553i	-0.0077+0.1738i
7.3	-0.0227+0.0043i	-0.4397-0.0601i	-0.0142-0.0142i	-0.0922+0.0013i	-0.3208-0.0700i	-0.1157+0.0485i	-0.0736-0.0286i	-0.0289+0.0438i
7.4	-0.0227+0.0063i	-0.4425-0.0583i	-0.0085-0.0029i	-0.0940+0.0006i	-0.3232-0.0251i	-0.1357+0.0465i	-0.0711+0.0015i	-0.0358+0.0189i
7.5	-0.0227+0.0042i	-0.4461-0.0622i	-0.0042-0.0031i	-0.0957-0.0045i	-0.3683-0.0202i	-0.1546+0.0309i	-0.0678+0.0172i	-0.0844+0.0879i
7.6	-0.0240+0.0060i	-0.4474-0.0566i	-0.0068-0.0025i	-0.0985-0.0063i	-0.3693-0.0390i	-0.1804+0.0314i	-0.0526+0.0174i	0.0353+0.1983i
7.7	-0.0259+0.0060i	-0.4482-0.0582i	-0.0097+0.0122i	-0.1023-0.0047i	-0.3326-0.0579i	-0.2087+0.0537i	-0.0390+0.0437i	0.0101+0.1264i
7.8	-0.0236+0.0059i	-0.4485-0.0513i	-0.0064+0.0238i	-0.1059-0.0020i	-0.3617-0.0707i	-0.2064+0.0654i	-0.0284+0.0423i	0.0614+0.1731i
7.9	-0.0250+0.0025i	-0.4483-0.0448i	-0.0031+0.0244i	-0.1069-0.0032i	-0.3166-0.0709i	-0.2118+0.0611i	-0.0069+0.0357i	0.1295+0.2589i
8.0	-0.0256+0.0005i	-0.4479-0.0481i	-0.0090+0.0313i	-0.1091-0.0052i	-0.3331-0.0217i	-0.2360+0.0674i	0.0032+0.0392i	0.0292+0.1601i
8.1	-0.0254+0.0041i	-0.4453-0.0462i	-0.0026+0.0495i	-0.1118-0.0007i	-0.3242-0.0078i	-0.2421+0.0929i	0.0062+0.0372i	0.0738+0.1050i
8.2	-0.0257+0.0071i	-0.4447-0.0441i	0.0087+0.0643i	-0.1111+0.0015i	-0.3228-0.0107i	-0.2373+0.1144i	0.0108+0.0396i	0.0470+0.1042i
8.3	-0.0252+0.0054i	-0.4406-0.0465i	0.0136+0.0607i	-0.1115+0.0011i	-0.3317-0.0140i	-0.2435+0.1014i	0.0172+0.0317i	0.0112+0.0247i
8.4	-0.0272+0.0034i	-0.4390-0.0482i	-0.0032+0.0573i	-0.1161-0.0009i	-0.3115-0.0030i	-0.2825+0.0930i	0.0080+0.0271i	0.0820+0.0478i
8.5	-0.0310+0.0049i	-0.4379-0.0481i	-0.0245+0.0775i	-0.1215+0.0026i	-0.2836-0.0267i	-0.3273+0.1237i	-0.0028+0.0206i	0.0742+0.0413i
8.6	-0.0306+0.0063i	-0.4325-0.0489i	-0.0293+0.0863i	-0.1217+0.0051i	-0.2980-0.0401i	-0.3503+0.1349i	0.0054+0.0124i	0.0128-0.0320i
8.7	-0.0305+0.0113i	-0.4234-0.0503i	-0.0346+0.1182i	-0.1240+0.0107i	-0.2662-0.0387i	-0.3767+0.1769i	0.0108+0.0156i	0.0982-0.1763i
8.8	-0.0338+0.0161i	-0.4177-0.0506i	-0.0637+0.1663i	-0.1310+0.0165i	-0.2718-0.0519i	-0.4353+0.2387i	0.0035+0.0166i	0.0743-0.1558i
8.9	-0.0352+0.0213i	-0.4166-0.0581i	-0.0456+0.2173i	-0.1316+0.0266i	-0.2796-0.0701i	-0.4260+0.3113i	0.0004+0.0102i	0.0417-0.1491i
9.0	-0.0275+0.0351i	-0.4107-0.0603i	0.0318+0.3001i	-0.1218+0.0437i	-0.2885-0.0242i	-0.3358+0.4246i	0.0107+0.0110i	0.1063-0.0770i
9.1	-0.0198+0.0355i	-0.4043-0.0650i	0.0832+0.3340i	-0.1143+0.0469i	-0.2706-0.0199i	-0.2851+0.4730i	-0.0038+0.0212i	0.0716-0.1231i
9.2	-0.0190+0.0343i	-0.3976-0.0691i	0.1089+0.3370i	-0.1126+0.0469i	-0.2878-0.0728i	-0.2661+0.4727i	-0.0012+0.0281i	0.0809-0.1726i
9.3	-0.0107+0.0513i	-0.3918-0.0750i	0.2035+0.4244i	-0.1009+0.0641i	-0.3232-0.0755i	-0.1603+0.5890i	0.0083+0.0378i	-0.0371-0.0340i
9.4	0.0167+0.0481i	-0.3821-0.0858i	0.3759+0.3574i	-0.0688+0.0580i	-0.2886-0.0563i	0.0489+0.4930i	0.0237+0.0302i	-0.1032+0.1067i
9.5	0.0336+0.0374i	-0.3771-0.0995i	0.4856+0.2676i	-0.0508+0.0447i	-0.3157-0.0888i	0.1747+0.3729i	0.0353+0.0120i	-0.0486+0.0187i
9.6	0.0321+0.0251i	-0.3660-0.1206i	0.4588+0.2034i	-0.0552+0.0312i	-0.2928-0.1252i	0.1141+0.2937i	0.0154+0.0098i	-0.0760-0.1638i
9.7	0.0324+0.0184i	-0.3580-0.1443i	0.4408+0.1659i	-0.0570+0.0235i	-0.2851-0.1266i	0.0647+0.2503i	0.0148+0.0117i	-0.1796-0.1089i
9.8	0.0371+0.0126i	-0.3505-0.1742i	0.4388+0.1153i	-0.0547+0.0140i	-0.2412-0.1786i	0.0372+0.1832i	0.0191+0.0051i	-0.2076-0.0410i
9.9	0.0428+0.0006i	-0.3534-0.2060i	0.4365+0.0818i	-0.0550+0.0005i	-0.2379-0.1964i	0.0126+0.1409i	0.0183-0.0016i	-0.1882-0.0400i
10.0	0.0456-0.0090i	-0.3653-0.2504i	0.4293+0.0614i	-0.0575-0.0101i	-0.2818-0.2218i	-0.0269+0.1244i	0.0101-0.0004i	-0.0054-0.0307i
10.1	0.0475-0.0295i	-0.3886-0.3012i	0.4343+0.0544i	-0.0652-0.0278i	-0.2796-0.2573i	-0.0576+0.1200i	-0.0001-0.0054i	0.1663+0.0379i
10.2	0.0410-0.0556i	-0.4241-0.3280i	0.4241+0.0304i	-0.0781-0.0505i	-0.2776-0.3075i	-0.1022+0.0954i	-0.0091-0.0081i	0.2088+0.1086i
10.3	0.0164-0.0694i	-0.4711-0.3471i	0.3899-0.0049i	-0.1039-0.0548i	-0.3549-0.3529i	-0.1658+0.0687i	-0.0169-0.0030i	0.0527+0.1219i
10.4	-0.0071-0.0742i	-0.5080-0.3607i	0.3684-0.0106i	-0.1293-0.0514i	-0.4407-0.3769i	-0.2180+0.0731i	-0.0230+0.0119i	-0.0445+0.1116i
10.5	-0.0266-0.0681i	-0.5407-0.3679i	0.3355+0.0124i	-0.1486-0.0352i	-0.4501-0.3493i	-0.2923+0.1169i	-0.0180+0.0094i	-0.4061+0.0297i
10.6	-0.0353-0.0445i	-0.5816-0.3769i	0.3571+0.0372i	-0.1518-0.0089i	-0.4605-0.3727i	-0.2893+0.1584i	-0.0112+0.0087i	-0.3159+0.1547i
10.7	-0.0383-0.0324i	-0.6212-0.3823i	0.3764+0.0449i	-0.1543+0.0101i	-0.4741-0.3708i	-0.2893+0.1760i	-0.0014+0.0089i	0.0400+0.1225i
10.8	-0.0374-0.0200i	-0.6545-0.3854i	0.3672+0.0418i	-0.1497+0.0242i	-0.5429-0.3923i	-0.3164+0.1852i	-0.0040+0.0099i	-0.2236+0.2170i
10.9	-0.0303-0.0149i	-0.6920-0.3809i	0.3771+0.0537i	-0.1363+0.0307i	-0.6007-0.3384i	-0.3401+0.2068i	-0.0057+0.0139i	-0.1088+0.2152i
11.0	-0.0169-0.0145i	-0.7217-0.3764i	0.3835+0.0673i	-0.1239+0.0365i	-0.6337-0.3359i	-0.3516+0.2360i	0.0032+0.0179i	0.0591+0.2076i
11.1	-0.0050-0.0213i	-0.7618-0.3483i	0.3926+0.0799i	-0.1071+0.0332i	-0.6706-0.3485i	-0.3656+0.2608i	-0.0007+0.0167i	-0.2611+0.2228i
11.2	0.0010-0.0303i	-0.7874-0.3352i	0.4056+0.1022i	-0.0956+0.0247i	-0.7022-0.3193i	-0.3759+0.2920i	-0.0005+0.0184i	0.0207+0.0666i
11.3	-0.0025-0.0486i	-0.8041-0.3114i	0.4411+0.1331i	-0.0942+0.0022i	-0.7132-0.2920i	-0.3664+0.3468i	-0.0028+0.0110i	-0.0255+0.0187i
11.4	-0.0094-0.0635i	-0.8094-0.2746i	0.4857+0.1450i	-0.0973-0.0184i	-0.7162-0.2812i	-0.3279+0.3706i	0.0035+0.0131i	0.4569-0.1409i
11.5	-0.0266-0.0696i	-0.8205-0.2584i	0.5425+0.1518i	-0.1112-0.0323i	-0.7699-0.2701i	-0.2745+0.3798i	0.0121+0.0159i	0.8131+0.2688i
11.6	-0.0536-0.0683i	-0.8355-0.2437i	0.6086+0.1387i	-0.1374-0.0336i	-0.7442-0.2526i	-0.2327+0.3451i	0.0050+0.0166i	0.0182+0.5097i
11.7	-0.0633-0.0604i	-0.8427-0.2310i	0.6504+0.1107i	-0.1524-0.0266i	-0.7821-0.2044i	-0.2331+0.2967i	0.0060+0.0135i	-0.1828+0.5378i
11.8	-0.0655-0.0452i	-0.8448-0.2271i	0.6824+0.0677i	-0.1644-0.0129i	-0.8135-0.1841i	-0.2562+0.2324i	0.0061+0.0131i	0.3065+0.7808i
11.9	-0.0602-0.0350i	-0.8421-0.2286i	0.6978+0.0422i	-0.1695-0.0023i	-0.8011-0.2110i	-0.3065+0.1868i	0.0031+0.0110i	0.4050+0.6620i

12.0	-0.0471-0.0355i	-0.8466-0.2265i	0.7064+0.0137i	-0.1686+0.0056i	-0.8125-0.2242i	-0.4046+0.1746i	0.0018+0.0074i	0.2209+0.2169i
12.1	-0.0403-0.0404i	-0.8423-0.2327i	0.7166+0.0029i	-0.1710+0.0050i	-0.8281-0.2245i	-0.4783+0.1929i	-0.0023+0.0070i	0.3956-0.0121i
12.2	-0.0347-0.0517i	-0.8289-0.2449i	0.7194-0.0067i	-0.1686+0.0086i	-0.7997-0.2395i	-0.5338+0.2373i	-0.0058+0.0085i	0.8203+0.1241i
12.3	-0.0324-0.0755i	-0.7993-0.2816i	0.7148+0.0075i	-0.1755+0.0071i	-0.7693-0.3041i	-0.5641+0.3037i	-0.0072+0.0120i	0.7834+0.1444i
12.4	-0.0440-0.0865i	-0.7874-0.3300i	0.7434+0.0183i	-0.1924+0.0134i	-0.7444-0.3667i	-0.5681+0.3341i	-0.0061+0.0144i	0.8389-0.1022i
12.5	-0.0600-0.0947i	-0.8096-0.4100i	0.7876+0.0204i	-0.2078+0.0336i	-0.7832-0.4079i	-0.5846+0.3483i	-0.0071+0.0183i	0.6611-0.0475i
12.6	-0.0767-0.1096i	-0.8588-0.5308i	0.8375+0.0342i	-0.2185+0.0551i	-0.8611-0.5357i	-0.6285+0.3625i	-0.0049+0.0226i	0.6604-0.1431i
12.7	-0.0913-0.1239i	-0.9322-0.6267i	0.8750+0.0402i	-0.2101+0.0753i	-0.9449-0.6931i	-0.6626+0.3845i	0.0012+0.0295i	0.9808-0.4533i
12.8	-0.1222-0.1295i	-1.0859-0.6887i	0.9369+0.0307i	-0.1932+0.0941i	-1.1187-0.7848i	-0.6718+0.4222i	0.0046+0.0316i	1.3344-0.5252i
12.9	-0.1499-0.1381i	-1.2598-0.7352i	0.9987+0.0279i	-0.1724+0.0997i	-1.3260-0.7952i	-0.6738+0.4489i	0.0251+0.0215i	0.5818-1.2671i
13.0	-0.1798-0.1327i	-1.4410-0.7017i	1.0702+0.0052i	-0.1504+0.0932i	-1.5639-0.7159i	-0.6756+0.4296i	0.0394+0.0058i	-0.1591-1.5344i
13.1	-0.2157-0.1201i	-1.6107-0.6113i	1.1480-0.0492i	-0.1419+0.0811i	-1.7531-0.5930i	-0.7142+0.4008i	0.0369-0.0191i	0.0083-1.4321i
13.2	-0.2470-0.1003i	-1.7518-0.5198i	1.2143-0.0947i	-0.1357+0.0697i	-1.9899-0.5100i	-0.7985+0.3645i	0.0300-0.0415i	-0.6332-1.7766i
13.3	-0.2621-0.0755i	-1.8123-0.4014i	1.2512-0.1523i	-0.1384+0.0600i	-2.0227-0.3783i	-0.9135+0.3482i	-0.0075-0.0430i	-0.7302-1.7419i
13.4	-0.2779-0.0644i	-1.8879-0.3085i	1.2910-0.1925i	-0.1462+0.0441i	-2.0708-0.2383i	-1.0484+0.3537i	-0.0160-0.0242i	-0.7329-1.5735i
13.5	-0.2920-0.0586i	-1.9413-0.2701i	1.3234-0.1785i	-0.1499+0.0216i	-2.1303-0.1879i	-1.1948+0.3773i	0.0018-0.0538i	-1.3776-1.0776i
13.6	-0.3241-0.0226i	-2.0263-0.1585i	1.3902-0.2412i	-0.1786+0.0194i	-2.2486-0.0200i	-1.3974+0.4474i	-0.0535-0.0838i	-1.2330-0.8197i
13.7	-0.3434-0.0015i	-2.0838-0.0711i	1.4416-0.2753i	-0.2137+0.0182i	-2.4002+0.0936i	-1.5626+0.5704i	-0.0896-0.0666i	-1.4292-0.6572i
13.8	-0.3509+0.0426i	-2.1229+0.0681i	1.4845-0.3426i	-0.2541+0.0465i	-2.4302+0.2971i	-1.7618+0.7499i	-0.1145-0.0475i	-2.1032-0.6685i
13.9	-0.3594+0.0472i	-2.1611+0.0913i	1.5215-0.3357i	-0.2739+0.0646i	-2.4564+0.3018i	-1.9077+0.8999i	-0.1520-0.0203i	-2.0294-0.9106i
14.0	-0.4001+0.0925i	-2.2516+0.2014i	1.5925-0.3698i	-0.3078+0.1086i	-2.4853+0.4609i	-2.0914+1.2243i	-0.2283+0.0307i	-1.4251-0.9782i
14.1	-0.4310+0.1434i	-2.3352+0.2985i	1.6829-0.3283i	-0.3211+0.1635i	-2.6319+0.5524i	-2.2291+1.6121i	-0.2363+0.1075i	-2.3712-0.2321i
14.2	-0.4316+0.1940i	-2.3813+0.3674i	1.8050-0.2877i	-0.3063+0.2043i	-2.7335+0.5116i	-2.2664+1.9265i	-0.1997+0.1836i	-2.8953+0.2659i
14.3	-0.4279+0.2465i	-2.4347+0.4702i	1.9615-0.3196i	-0.2951+0.2405i	-2.7268+0.5080i	-2.2784+2.2182i	-0.1684+0.2152i	-2.5100+1.0230i
14.4	-0.4538+0.3239i	-2.6163+0.6023i	2.2720-0.3408i	-0.3089+0.2970i	-2.9497+0.6866i	-2.3656+2.7808i	-0.1532+0.2427i	-2.1047+1.5984i
14.5	-0.4443+0.4079i	-2.6876+0.7921i	2.4518-0.4401i	-0.2902+0.3673i	-3.2085+1.0969i	-2.2712+3.3538i	-0.1336+0.2808i	-2.4167+2.0858i
14.6	-0.4058+0.5187i	-2.8039+1.0161i	2.7687-0.4257i	-0.2292+0.4673i	-3.3251+1.4192i	-2.0045+4.4062i	-0.1119+0.3755i	-2.6511+2.7867i
14.7	-0.3362+0.6208i	-2.7459+1.2437i	2.9729-0.4522i	-0.1457+0.5606i	-3.2088+1.6677i	-1.3772+5.0649i	-0.0528+0.4571i	-1.8273+3.3819i
14.8	-0.1126+0.6603i	-2.5929+1.4498i	3.6578-0.8446i	0.1316+0.5552i	-3.0057+1.9449i	0.5412+5.0437i	0.1414+0.5135i	0.2360+3.2024i
14.9	0.0372+0.6206i	-2.5378+1.5777i	4.1693-1.4089i	0.3132+0.4531i	-2.9352+2.0840i	1.7247+4.2955i	0.2718+0.5157i	1.3790+2.3580i
15.0	0.0625+0.5248i	-2.6816+1.5479i	4.6324-1.8816i	0.3533+0.3020i	-3.1025+1.9990i	1.8736+3.4235i	0.3814+0.4563i	0.8024+1.6459i
15.1	0.0641+0.4651i	-2.9468+1.6500i	5.0404-2.7050i	0.3567+0.1510i	-3.5398+2.2441i	1.5394+2.4830i	0.4272+0.3537i	1.4868+1.0417i
15.2	0.0646+0.4317i	-3.1643+1.9657i	5.1380-3.6493i	0.3319+0.0015i	-4.0179+2.8278i	0.8243+2.0174i	0.3885+0.2373i	2.2317+1.3531i
15.3	0.1029+0.4856i	-3.3214+2.6739i	4.9713-5.1882i	0.2894-0.0830i	-4.4173+3.6914i	-0.0269+1.8900i	0.4263+0.1247i	2.0165+2.0827i
15.4	0.1419+0.5564i	-3.4330+3.5561i	4.7897-6.8256i	0.2140-0.1424i	-4.6437+4.9564i	-0.5731+2.3067i	0.4439+0.1757i	1.5984+2.8602i
15.5	0.2504+0.6151i	-2.9781+4.9041i	3.5245-9.0891i	0.0948-0.1836i	-3.8913+6.8324i	-0.7182+3.4171i	0.5344+0.2127i	1.8514+2.2186i
15.6	0.4461+0.5978i	-1.5608+5.8361i	0.7980-10.3893i	0.0337-0.1478i	-1.8085+8.1483i	-0.0420+4.3127i	0.8703+0.1310i	1.5718+1.1231i
15.7	0.6009+0.3814i	0.5166+5.4461i	-2.7456-9.2780i	-0.0244-0.0834i	1.0644+7.6935i	1.2700+4.5563i	0.7906-0.2577i	2.6472-0.4476i
15.8	0.5760+0.2307i	1.4236+4.8732i	-4.2749-8.0148i	-0.0861-0.0578i	2.3879+6.8143i	2.1608+4.6710i	0.8481-0.4042i	2.1754-0.8066i
15.9	0.5282+0.1269i	2.3790+3.8563i	-5.6678-6.0673i	-0.1164+0.0510i	3.7451+5.4368i	3.2474+3.8904i	0.9777-0.7358i	1.1640-1.6105i
16.0	0.4034+0.0018i	2.3769+2.8498i	-5.5143-4.4096i	-0.1516+0.0479i	3.8435+4.1902i	3.6140+3.3561i	0.6648-1.1438i	0.3710-1.4219i
16.1	0.3187-0.0153i	2.2246+2.3120i	-5.2655-3.5674i	-0.1655+0.0654i	3.6712+3.3753i	3.8460+2.9573i	0.2640-1.3079i	-0.4104-1.2643i
16.2	0.2844-0.0248i	2.0447+1.7818i	-4.9649-2.7287i	-0.1249+0.0829i	3.4248+2.5997i	3.8260+2.4068i	-0.1803-1.2457i	-0.7292-1.2872i
16.3	0.2031+0.0149i	1.8333+1.3949i	-4.6887-2.0914i	-0.1377+0.1589i	3.1519+2.0649i	3.9794+1.9293i	-0.5684-1.1186i	-1.0968-0.9457i
16.4	0.1633+0.0757i	1.5903+1.1919i	-4.3967-1.6734i	-0.1159+0.2366i	2.7904+1.7605i	4.0075+1.5410i	-0.8188-0.8959i	-1.3961-0.4762i
16.5	0.1729+0.1468i	1.3425+1.0623i	-4.0434-1.2316i	-0.0321+0.3060i	2.4911+1.6197i	3.8702+1.0855i	-0.9578-0.4666i	-1.5746+0.0556i
16.6	0.2571+0.1581i	1.2046+1.0590i	-3.5911-1.0329i	0.0982+0.2863i	2.3926+1.6615i	3.7990+0.7109i	-0.7235+0.0439i	-1.5714+0.1525i
16.7	0.3154+0.0814i	1.0730+1.0526i	-3.2185-1.0571i	0.1741+0.1573i	2.1446+1.6357i	3.4778+0.4114i	-0.4706+0.1627i	-1.5495+0.8986i
16.8	0.3200-0.0282i	1.0551+0.9970i	-3.1804-1.0723i	0.1693+0.0141i	2.1159+1.5079i	2.9626+0.2844i	-0.3983+0.0548i	-0.9499+1.2170i
16.9	0.2687-0.0106i	1.0642+0.8732i	-3.3215-0.8342i	0.1229+0.0152i	2.1337+1.3260i	2.7748+0.1872i	-0.4921+0.0148i	-0.6361+1.1295i
17.0	0.2799-0.0005i	1.0039+0.8236i	-3.1610-0.5488i	0.1379+0.0099i	2.0852+1.2950i	2.6003+0.2513i	-0.4279+0.2897i	-0.4901+1.2864i
17.1	0.2908-0.0953i	0.9674+0.7760i	-2.7517-0.2609i	0.1438-0.1095i	2.0609+1.2794i	2.6474+0.6176i	-0.0689+0.4753i	-0.3014+1.8875i
17.2	0.1466-0.1266i	0.9255+0.6829i	-2.4748-0.4760i	-0.0118-0.1478i	1.9946+1.1409i	3.0517+0.4778i	0.2066+0.0716i	0.1829+2.0656i
17.3	0.0895-0.0644i	0.8546+0.6188i	-2.5170-0.5952i	-0.0805-0.0895i	1.8993+1.0084i	3.0941+0.1100i	-0.0398-0.2204i	0.6112+1.9903i
17.4	0.1243-0.0322i	0.7940+0.5731i	-2.6031-0.4997i	-0.0524-0.0526i	1.8710+0.9137i	2.8998-0.1541i	-0.3453+0.0245i	1.1335+1.8401i
17.5	0.1113-0.0441i	0.7478+0.5468i	-2.5617-0.3770i	-0.0645-0.0656i	1.8171+0.8631i	2.7453-0.2425i	-0.1990+0.2953i	1.8758+1.3148i
17.6	0.1119-0.0129i	0.7108+0.5324i	-2.5031-0.3573i	-0.0613-0.0465i	1.7789+0.8424i	2.6762-0.3465i	0.0341+0.2569i	1.8835+0.6234i
17.7	0.1412-0.0007i	0.6596+0.5029i	-2.5469-0.2941i	-0.0482-0.0485i	1.7254+0.8054i	2.4769-0.5385i	0.1157+0.0537i	1.4544+0.3367i
17.8	0.1320-0.0229i	0.6272+0.4892i	-2.5609-0.1373i	-0.0747-0.0703i	1.7351+0.7845i	2.2901-0.5857i	0.1020+0.0036i	1.4549+0.1829i
17.9	0.1410-0.0167i	0.6215+0.4827i	-2.5452+0.0156i	-0.0833-0.0639i	1.7342+0.7829i	2.0350-0.6320i	0.0725-0.1170i	1.3731-0.0301i
18.0	0.1253+0.0092i	0.6047+0.4627i	-2.4491+0.1387i	-0.1138-0.0389i	1.7542+0.7620i	1.8609-0.5976i	0.0111-0.1835i	1.1990-0.1894i
18.1	0.1246+0.0066i	0.5923+0.4281i	-2.3677+0.3016i	-0.1293-0.0298i	1.7693+0.6708i	1.7851-0.4878i	-0.1514-0.1832i	1.1737-0.3470i
18.2	0.1343+0.0052i	0.5654+0.3965i	-2.2346+0.4589i	-0.1296-0.0186i	1.7883+0.6028i	1.7639-0.3631i	-0.1989-0.0822i	1.0231-0.3862i

18.3	0.1257−0.0010i	0.5406+0.3630i	−2.0751+0.5497i	−0.1470−0.0108i	1.7503+0.5196i	1.8127−0.2714i	−0.1705+0.0232i	0.9638−0.3896i
18.4	0.1273+0.0100i	0.5119+0.3336i	−1.9888+0.6259i	−0.1560+0.0099i	1.7307+0.4913i	1.9026−0.1953i	−0.1703+0.0227i	0.9643−0.4554i
18.5	0.1450+0.0210i	0.4701+0.3301i	−1.7654+0.7591i	−0.1313+0.0404i	1.6890+0.4914i	2.1353−0.3146i	−0.1671+0.0324i	0.8962−0.5203i
18.6	0.1660+0.0005i	0.4497+0.3419i	−1.4103+0.7510i	−0.0906+0.0303i	1.6884+0.4666i	2.1888−0.7414i	−0.1489+0.0548i	0.8043−0.6066i
18.7	0.1440−0.0280i	0.4556+0.3191i	−1.2342+0.5245i	−0.1088−0.0131i	1.6740+0.4024i	1.7774−0.9416i	−0.1308+0.0671i	0.6268−0.6565i
18.8	0.1418−0.0336i	0.4675+0.2863i	−1.2370+0.4402i	−0.1275−0.0242i	1.7517+0.3211i	1.5525−0.8636i	−0.1377+0.0802i	0.5320−0.6570i
18.9	0.1228−0.0326i	0.4430+0.2418i	−1.1604+0.3367i	−0.1640−0.0158i	1.7219+0.2181i	1.4439−0.7615i	−0.0972+0.1054i	0.4226−0.6279i
19.0	0.1059−0.0298i	0.4171+0.2051i	−1.1350+0.2536i	−0.1902−0.0043i	1.6706+0.1843i	1.3683−0.7222i	−0.0531+0.1359i	0.3242−0.6151i
19.1	0.0990−0.0261i	0.3870+0.1763i	−1.1555+0.1787i	−0.2089+0.0149i	1.6658+0.1095i	1.2820−0.6276i	−0.0221+0.1390i	0.2592−0.5339i
19.2	0.0990−0.0270i	0.3569+0.1509i	−1.1975+0.1539i	−0.2165+0.0309i	1.6680+0.0102i	1.2416−0.5793i	0.0061+0.1398i	0.2106−0.4856i
19.3	0.1047−0.0231i	0.3190+0.1206i	−1.2450+0.1474i	−0.2198+0.0513i	1.6339−0.0526i	1.2229−0.5508i	0.0083+0.1308i	0.1795−0.4442i
19.4	0.0979−0.0176i	0.2677+0.1046i	−1.2527+0.1486i	−0.2221+0.0718i	1.6029−0.0971i	1.1914−0.4851i	0.0262+0.1149i	0.1858−0.4109i
19.5	0.0934−0.0150i	0.2135+0.0901i	−1.2634+0.2218i	−0.2163+0.0976i	1.5132−0.1515i	1.1765−0.4519i	0.0478+0.1144i	0.1940−0.3696i
19.6	0.0882−0.0083i	0.1740+0.0807i	−1.2658+0.2926i	−0.2078+0.1219i	1.4395−0.1944i	1.1531−0.4211i	0.0538+0.1029i	0.2013−0.3422i
19.7	0.0834+0.0025i	0.1176+0.0849i	−1.2004+0.3563i	−0.1953+0.1394i	1.3387−0.2030i	1.1379−0.3487i	0.0637+0.0914i	0.1859−0.3268i
19.8	0.0885+0.0137i	0.0796+0.1026i	−1.0971+0.3681i	−0.1757+0.1458i	1.2576−0.1784i	1.1669−0.2926i	0.0782+0.0768i	0.1824−0.3125i
19.9	0.1004+0.0195i	0.0463+0.1065i	−1.0016+0.3455i	−0.1578+0.1428i	1.2445−0.1524i	1.2070−0.2630i	0.1007+0.0478i	0.1920−0.2952i
20.0	0.1177+0.0102i	0.0006+0.1162i	−0.9360+0.2926i	−0.1405+0.1286i	1.2646−0.1510i	1.2463−0.2743i	0.0970+0.0311i	0.2085−0.3089i
20.1	0.1279+0.0102i	−0.0446+0.1275i	−0.9204+0.2048i	−0.1418+0.1153i	1.2752−0.0986i	1.2858−0.2806i	0.0898+0.0069i	0.2182−0.3063i
20.2	0.1289+0.0097i	−0.0847+0.1453i	−0.9214+0.1479i	−0.1539+0.1067i	1.2439−0.0928i	1.3123−0.3084i	0.0932−0.0071i	0.2236−0.2900i
20.3	0.1355+0.0052i	−0.1152+0.1843i	−0.9500+0.1338i	−0.1640+0.1118i	1.2539−0.0839i	1.2980−0.3487i	0.0825−0.0093i	0.2400−0.3091i
20.4	0.1397−0.0028i	−0.1335+0.2133i	−0.9629+0.1432i	−0.1743+0.1136i	1.2938−0.1043i	1.2567−0.3775i	0.0803−0.0247i	0.2511−0.3136i
20.5	0.1490−0.0064i	−0.1670+0.2535i	−0.9693+0.1528i	−0.1851+0.1262i	1.3509−0.1275i	1.2670−0.3842i	0.0868−0.0487i	0.2588−0.3252i
20.6	0.1581−0.0120i	−0.1941+0.2912i	−0.9617+0.1486i	−0.1893+0.1344i	1.3763−0.1615i	1.2720−0.3831i	0.0836−0.0572i	0.2541−0.3514i
20.7	0.1678−0.0139i	−0.2256+0.3379i	−0.9465+0.1328i	−0.1992+0.1495i	1.4517−0.2083i	1.2928−0.3596i	0.0646−0.0657i	0.2710−0.3840i
20.8	0.1759−0.0316i	−0.2366+0.4117i	−0.9839+0.1216i	−0.2040+0.1648i	1.5250−0.2839i	1.2723−0.4033i	0.0469−0.1046i	0.2630−0.4348i
20.9	0.1729−0.0485i	−0.2218+0.4667i	−0.9992+0.1734i	−0.2039+0.1839i	1.5021−0.3917i	1.2196−0.3800i	0.0148−0.0997i	0.2490−0.4450i
21.0	0.1774−0.0614i	−0.2270+0.5207i	−0.9825+0.1995i	−0.2004+0.2063i	1.4981−0.4670i	1.2397−0.3772i	0.0084−0.1004i	0.2394−0.4647i
21.1	0.1924−0.0778i	−0.2631+0.6298i	−0.9523+0.2101i	−0.2007+0.2478i	1.5587−0.5859i	1.3245−0.4025i	−0.0118−0.1051i	0.2305−0.5428i
21.2	0.1887−0.0914i	−0.2676+0.7087i	−0.9098+0.1863i	−0.2016+0.2690i	1.5432−0.7138i	1.3763−0.4025i	−0.0226−0.0977i	0.2226−0.5871i
21.3	0.1746−0.1072i	−0.2134+0.7644i	−0.8743+0.1702i	−0.1891+0.2850i	1.4893−0.8300i	1.3768−0.4147i	−0.0256−0.0896i	0.1701−0.6122i
21.4	0.1623−0.1324i	−0.1217+0.8500i	−0.8570+0.1897i	−0.1604+0.3086i	1.4121−0.9904i	1.3591−0.4585i	−0.0476−0.0895i	0.1095−0.6401i
21.5	0.1511−0.1488i	−0.0351+0.9326i	−0.8317+0.1704i	−0.1334+0.3316i	1.3353−1.0636i	1.3976−0.5143i	−0.0703−0.0704i	0.0686−0.6653i
21.6	0.1285−0.1637i	0.1554+0.9883i	−0.8617+0.1184i	−0.0809+0.3492i	1.1562−1.1193i	1.3532−0.6334i	−0.0679−0.0522i	−0.0255−0.6873i
21.7	0.1102−0.1625i	0.2631+1.0215i	−0.8743+0.0668i	−0.0520+0.3539i	1.0302−1.1261i	1.3198−0.6270i	−0.0686−0.0494i	−0.0790−0.6717i
21.8	0.0744−0.1674i	0.4472+0.9571i	−0.8878+0.0907i	0.0044+0.3351i	0.8137−1.1585i	1.2042−0.6574i	−0.0610−0.0413i	−0.1629−0.6126i
21.9	0.0539−0.1491i	0.5753+0.7899i	−0.9132+0.1219i	0.0248+0.2921i	0.7588−1.0648i	1.1682−0.6132i	−0.0387−0.0427i	−0.1627−0.5592i
22.0	0.0373−0.1318i	0.6979+0.6533i	−0.9298+0.1510i	0.0494+0.2607i	0.6894−0.9673i	1.1654−0.5799i	−0.0510−0.0386i	−0.1867−0.5392i
22.1	0.0374−0.1282i	0.7049+0.5694i	−0.9230+0.1597i	0.0551+0.2532i	0.6903−0.9843i	1.2139−0.5906i	−0.0562−0.0484i	−0.1978−0.5317i
22.2	0.0357−0.1159i	0.7130+0.4351i	−0.9341+0.1924i	0.0540+0.2195i	0.7047−0.9569i	1.1902−0.5717i	−0.0442−0.0519i	−0.2011−0.5106i
22.3	0.0339−0.1158i	0.7299+0.3704i	−0.9614+0.1950i	0.0525+0.2105i	0.7087−0.9749i	1.1973−0.6105i	−0.0496−0.0539i	−0.2218−0.5182i
22.4	0.0385−0.1149i	0.7411+0.2953i	−0.9727+0.1921i	0.0521+0.2067i	0.7434−1.0127i	1.2794−0.6729i	−0.0948−0.0560i	−0.2640−0.5474i
22.5	0.0420−0.1122i	0.6872+0.1731i	−0.9541+0.2310i	0.0387+0.1973i	0.7638−1.1254i	1.2793−0.7406i	−0.1011−0.0413i	−0.3110−0.5361i
22.6	0.0419−0.1158i	0.6525+0.0778i	−0.9394+0.2747i	0.0328+0.1944i	0.7384−1.2820i	1.2495−0.8099i	−0.1032−0.0392i	−0.3522−0.5257i
22.7	0.0396−0.1192i	0.6286+0.0128i	−0.9443+0.2915i	0.0272+0.1976i	0.7109−1.3763i	1.2603−0.8537i	−0.1297−0.0346i	−0.3894−0.5326i
22.8	0.0307−0.1220i	0.5549−0.0684i	−0.9081+0.3276i	0.0337+0.1987i	0.5611−1.4879i	1.2126−0.9151i	−0.1284+0.0092i	−0.4392−0.4773i
22.9	0.0245−0.1237i	0.4861−0.1234i	−0.8648+0.3186i	0.0318+0.2081i	0.4705−1.6452i	1.2007−0.9964i	−0.1622+0.0420i	−0.5172−0.4821i
23.0	0.0151−0.1305i	0.3933−0.2196i	−0.7949+0.3280i	0.0426+0.2183i	0.2451−1.8089i	1.0946−1.1168i	−0.1740+0.0753i	−0.6364−0.4147i
23.1	−0.0004−0.1311i	0.3057−0.3009i	−0.8040+0.3638i	0.0649+0.2187i	−0.0231−1.8930i	0.9087−1.1836i	−0.1644+0.1005i	−0.7186−0.3218i
23.2	−0.0077−0.1171i	0.2320−0.2688i	−0.7875+0.3316i	0.0738+0.2020i	−0.2094−1.7038i	0.8438−1.1031i	−0.1546+0.1115i	−0.6678−0.2405i
23.3	−0.0248−0.1071i	0.0895−0.2697i	−0.7303+0.3150i	0.0910+0.1837i	−0.5827−1.6046i	0.7014−1.0203i	−0.1400+0.1519i	−0.6293−0.0847i
23.4	−0.0347−0.1013i	−0.0309−0.2756i	−0.7082+0.3130i	0.1064+0.1771i	−0.8584−1.5804i	0.5797−0.9751i	−0.0905+0.1724i	−0.6520+0.0460i
23.5	−0.0339−0.0914i	−0.1108−0.2167i	−0.7111+0.3047i	0.1164+0.1586i	−0.9895−1.3502i	0.5477−0.9026i	−0.0438+0.1899i	−0.5735+0.1094i
23.6	−0.0305−0.0777i	−0.1304−0.1657i	−0.7272+0.2946i	0.1140+0.1416i	−0.9786−1.1080i	0.5926−0.8554i	−0.0403+0.2167i	−0.5166+0.1032i
23.7	−0.0316−0.0638i	−0.1700−0.0703i	−0.7358+0.3262i	0.1147+0.1117i	−1.0578−0.7359i	0.5881−0.7852i	−0.0173+0.1832i	−0.4139+0.1489i
23.8	−0.0298−0.0586i	−0.1634−0.0449i	−0.7390+0.3659i	0.1095+0.1011i	−1.0030−0.5987i	0.6164−0.7696i	−0.0119+0.1837i	−0.3929+0.1520i
23.9	−0.0245−0.0476i	−0.1336+0.0148i	−0.7099+0.3666i	0.0890+0.0908i	−0.8787−0.3655i	0.6640−0.7364i	0.0129+0.1977i	−0.3381+0.1136i
24.0	−0.0183−0.0479i	−0.1238+0.0626i	−0.6883+0.3271i	0.0752+0.0902i	−0.7692−0.2936i	0.6972−0.7234i	0.0061+0.1881i	−0.3010+0.0696i
24.1	−0.0196−0.0416i	−0.1216+0.0861i	−0.6473+0.3537i	0.0698+0.0777i	−0.6838−0.1891i	0.6747−0.7281i	0.0415+0.1627i	−0.2402+0.0569i
24.2	−0.0147−0.0417i	−0.1321+0.1418i	−0.6708+0.3292i	0.0728+0.0772i	−0.6432−0.0997i	0.6884−0.7265i	0.1191+0.1776i	−0.2474+0.0893i
24.3	−0.0145−0.0400i	−0.1345+0.1642i	−0.6464+0.3123i	0.0603+0.0761i	−0.5700−0.0671i	0.6843−0.6711i	0.1180+0.1304i	−0.2289+0.0825i
24.4	−0.0122−0.0347i	−0.1370+0.1564i	−0.6054+0.2864i	0.0488+0.0741i	−0.5382−0.0845i	0.6624−0.6658i	0.1214+0.0631i	−0.2265+0.0492i
24.5	−0.0065−0.0363i	−0.1245+0.1498i	−0.6133+0.2905i	0.0520+0.0645i	−0.4741−0.0774i	0.6626−0.7194i	0.1162+0.0465i	−0.2211+0.0769i

24.6	-0.0036-0.0307i	-0.1445+0.1499i	-0.6262+0.2982i	0.0501+0.0637i	-0.4458-0.0536i	0.6861-0.7475i	0.1241+0.0413i	-0.2411+0.0543i
24.7	-0.0007-0.0265i	-0.1425+0.1472i	-0.6430+0.3009i	0.0504+0.0637i	-0.4235-0.0352i	0.6781-0.7659i	0.1029+0.0242i	-0.2373+0.0737i
24.8	0.0013-0.0262i	-0.1351+0.1588i	-0.6311+0.2722i	0.0381+0.0613i	-0.3663-0.0256i	0.6643-0.7540i	0.0916+0.0415i	-0.2337+0.0515i
24.9	0.0025-0.0226i	-0.1343+0.1689i	-0.6080+0.2651i	0.0292+0.0619i	-0.2889-0.0006i	0.6361-0.7009i	0.0490+0.0044i	-0.2080+0.0383i
25.0	0.0067-0.0206i	-0.1646+0.1734i	-0.6508+0.2806i	0.0290+0.0660i	-0.3138-0.0456i	0.6112-0.7035i	0.0198-0.0243i	-0.2265+0.0617i
25.1	0.0063-0.0233i	-0.1548+0.1864i	-0.6481+0.3255i	0.0247+0.0556i	-0.3230-0.0239i	0.5940-0.7159i	0.0273+0.0238i	-0.2260+0.0761i
25.2	0.0064-0.0226i	-0.1435+0.1748i	-0.6114+0.3553i	0.0236+0.0441i	-0.2951+0.0002i	0.5665-0.7310i	0.0252+0.0225i	-0.1820+0.0826i
25.3	0.0101-0.0168i	-0.1542+0.1540i	-0.5813+0.3135i	0.0117+0.0543i	-0.2087-0.0082i	0.5938-0.6841i	-0.0248+0.0429i	-0.1826+0.0493i
25.4	0.0152-0.0184i	-0.1776+0.1719i	-0.5779+0.3233i	0.0097+0.0565i	-0.2077-0.0024i	0.5874-0.6636i	-0.0704+0.1128i	-0.1843+0.0195i
25.5	0.0203-0.0218i	-0.1922+0.1960i	-0.5773+0.3332i	0.0151+0.0501i	-0.2809-0.0020i	0.5766-0.6920i	-0.0421+0.1811i	-0.1832+0.0266i
25.6	0.0227-0.0227i	-0.2156+0.2034i	-0.4993+0.2549i	-0.0028+0.0519i	-0.2301+0.0476i	0.5930-0.6287i	0.0106+0.2453i	-0.2126-0.0049i
25.7	0.0312-0.0199i	-0.2305+0.2032i	-0.5188+0.2459i	-0.0024+0.0520i	-0.2111+0.0398i	0.6235-0.6205i	0.0582+0.2626i	-0.2194-0.0086i
25.8	0.0293-0.0208i	-0.2172+0.2136i	-0.5274+0.2232i	-0.0037+0.0516i	-0.1640+0.0317i	0.6307-0.6354i	0.1420+0.2751i	-0.2290+0.0008i
25.9	0.0287-0.0222i	-0.2228+0.2189i	-0.4874+0.2256i	-0.0153+0.0434i	-0.1168+0.0664i	0.6054-0.5984i	0.1929+0.2629i	-0.2347-0.0219i
26.0	0.0322-0.0301i	-0.2273+0.2355i	-0.5235+0.2834i	-0.0154+0.0281i	-0.1475+0.0930i	0.5538-0.6591i	0.2493+0.2609i	-0.2338-0.0101i
26.1	0.0359-0.0266i	-0.2442+0.2293i	-0.5577+0.2038i	-0.0299+0.0376i	-0.1118+0.0199i	0.6025-0.6431i	0.3061+0.2068i	-0.2554+0.0012i
26.2	0.0387-0.0260i	-0.2696+0.2422i	-0.5769+0.1536i	-0.0418+0.0446i	-0.1204+0.0307i	0.6296-0.6057i	0.3535+0.1520i	-0.2911+0.0180i
26.3	0.0362-0.0272i	-0.2763+0.2584i	-0.5821+0.2516i	-0.0502+0.0465i	-0.1842+0.0349i	0.6096-0.5908i	0.4128+0.0802i	-0.3136+0.0345i
26.4	0.0331-0.0318i	-0.2586+0.2953i	-0.5799+0.3221i	-0.0509+0.0556i	-0.0978+0.0991i	0.6088-0.6035i	0.4576-0.0287i	-0.3282+0.1038i
26.5	0.0391-0.0440i	-0.2963+0.3473i	-0.6385+0.3321i	-0.0554+0.0646i	-0.1009+0.0963i	0.6727-0.6685i	0.4523-0.0661i	-0.3587+0.1255i
26.6	0.0489-0.0437i	-0.3209+0.3524i	-0.6918+0.3663i	-0.0605+0.0699i	-0.1545+0.1000i	0.7142-0.6960i	0.4574-0.1090i	-0.3632+0.1366i
26.7	0.0512-0.0360i	-0.3418+0.3626i	-0.6486+0.2789i	-0.0722+0.0807i	-0.0863+0.0992i	0.8000-0.6749i	0.4371-0.1275i	-0.3912+0.1463i
26.8	0.0532-0.0385i	-0.3530+0.3995i	-0.6839+0.2844i	-0.0745+0.0929i	-0.1188+0.0899i	0.8253-0.7445i	0.4154-0.1963i	-0.3841+0.1930i
26.9	0.0597-0.0495i	-0.3653+0.4738i	-0.7216+0.3554i	-0.0738+0.1059i	-0.1158+0.1184i	0.8439-0.8744i	0.4121-0.2895i	-0.4084+0.2681i
27.0	0.0632-0.0657i	-0.3512+0.5849i	-0.7754+0.4762i	-0.0676+0.1236i	-0.0759+0.1842i	0.8308-1.0317i	0.3633-0.3618i	-0.3940+0.3435i
27.1	0.0524-0.0828i	-0.2629+0.6417i	-0.6950+0.6010i	-0.0561+0.1288i	-0.0276+0.1950i	0.7134-1.1022i	0.2527-0.4290i	-0.2940+0.4229i
27.2	0.0467-0.0875i	-0.2323+0.6530i	-0.5788+0.6384i	-0.0551+0.1317i	0.0039+0.1907i	0.6491-1.1249i	0.1708-0.4205i	-0.2588+0.4297i
27.3	0.0431-0.0827i	-0.1884+0.6694i	-0.5087+0.6219i	-0.0467+0.1444i	0.0919+0.2363i	0.5986-1.1543i	0.1209-0.4110i	-0.2264+0.4585i
27.4	0.0552-0.0931i	-0.1938+0.7510i	-0.5030+0.6037i	-0.0409+0.1636i	0.1120+0.1920i	0.6004-1.3156i	0.0820-0.4411i	-0.2020+0.5210i
27.5	0.0509-0.1076i	-0.1482+0.8019i	-0.4691+0.6591i	-0.0294+0.1735i	0.1229+0.1600i	0.4860-1.4137i	0.0472-0.4142i	-0.1528+0.5303i
27.6	0.0383-0.1212i	-0.0349+0.8556i	-0.4186+0.6774i	-0.0126+0.1839i	0.1643+0.1685i	0.3080-1.4541i	-0.0352-0.4323i	-0.0178+0.6085i
27.7	0.0255-0.1305i	0.0803+0.8841i	-0.3230+0.6837i	0.0147+0.1886i	0.2219+0.1489i	0.1387-1.4974i	-0.1019-0.4142i	0.0660+0.6035i
27.8	0.0144-0.1212i	0.1284+0.8179i	-0.2273+0.6214i	0.0256+0.1807i	0.2708+0.1040i	0.0281-1.3892i	-0.1270-0.3764i	0.1034+0.5324i
27.9	0.0024-0.1196i	0.2268+0.7815i	-0.1543+0.6027i	0.0434+0.1742i	0.3133+0.0815i	-0.1647-1.3194i	-0.1341-0.3360i	0.1777+0.4941i
28.0	0.0020-0.1183i	0.3004+0.7549i	-0.1258+0.5436i	0.0627+0.1699i	0.3209-0.0308i	-0.2619-1.2714i	-0.1779-0.2812i	0.2905+0.4470i
28.1	-0.0065-0.1127i	0.3467+0.6538i	-0.0723+0.4641i	0.0752+0.1452i	0.3315-0.0549i	-0.3485-1.1048i	-0.2008-0.2351i	0.3330+0.3555i
28.2	-0.0307-0.1079i	0.4138+0.5192i	-0.0052+0.4386i	0.0843+0.1110i	0.2682-0.1017i	-0.4977-0.8705i	-0.1898-0.1691i	0.3225+0.2258i
28.3	-0.0224-0.0993i	0.3502+0.4805i	-0.0468+0.3469i	0.0715+0.1071i	0.2514-0.1972i	-0.3991-0.7904i	-0.1329-0.1659i	0.2810+0.1467i
28.4	-0.0354-0.1068i	0.4043+0.4042i	-0.0172+0.3066i	0.0874+0.0788i	0.1878-0.2276i	-0.4878-0.6661i	-0.1421-0.1351i	0.2738+0.0669i
28.5	-0.0494-0.1049i	0.4302+0.3608i	-0.0064+0.2612i	0.0882+0.0647i	0.1571-0.2457i	-0.5142-0.5666i	-0.1622-0.1462i	0.2503+0.0479i
28.6	-0.0552-0.1043i	0.4342+0.3459i	-0.0355+0.2080i	0.0838+0.0626i	0.1522-0.2686i	-0.5038-0.5022i	-0.1686-0.1742i	0.2375+0.0313i
28.7	-0.0519-0.0865i	0.3584+0.2533i	-0.0581+0.1556i	0.0671+0.0450i	0.0759-0.2638i	-0.3882-0.4148i	-0.1225-0.1009i	0.1965-0.0545i
28.8	-0.0504-0.0850i	0.3154+0.2580i	-0.0831+0.1247i	0.0566+0.0468i	-0.0111-0.2591i	-0.3469-0.3773i	-0.0683-0.0907i	0.1129-0.0436i
28.9	-0.0630-0.0809i	0.3164+0.2069i	-0.1042+0.1036i	0.0490+0.0330i	0.0055-0.2734i	-0.3322-0.2976i	-0.0988-0.0528i	0.1110-0.0538i
29.0	-0.0664-0.0731i	0.2903+0.1681i	-0.1272+0.1003i	0.0388+0.0206i	-0.0377-0.2540i	-0.3121-0.2314i	-0.1396-0.0786i	0.0907-0.0478i
29.1	-0.0625-0.0735i	0.2848+0.1876i	-0.1338+0.0555i	0.0396+0.0236i	-0.0935-0.2215i	-0.2762-0.2281i	-0.1753-0.1062i	0.1122-0.0022i
29.2	-0.0668-0.0784i	0.2894+0.2100i	-0.1656+0.0230i	0.0388+0.0271i	-0.0618-0.2013i	-0.2564-0.2173i	-0.1512-0.1315i	0.1243+0.0186i
29.3	-0.0725-0.0727i	0.2819+0.1897i	-0.2201+0.0249i	0.0332+0.0309i	-0.0772-0.2114i	-0.2012-0.1794i	-0.1608-0.1229i	0.0956-0.0188i
29.4	-0.0741-0.0730i	0.2826+0.1870i	-0.2436+0.0169i	0.0354+0.0260i	-0.1370-0.1895i	-0.1813-0.1670i	-0.1402-0.0908i	0.0852-0.0161i
29.5	-0.0711-0.0752i	0.2535+0.2285i	-0.2540+0.0126i	0.0317+0.0262i	-0.1336-0.1435i	-0.1657-0.1915i	-0.1716-0.1644i	0.0336+0.0458i
29.6	-0.0689-0.0555i	0.2108+0.1709i	-0.2585+0.0123i	0.0104+0.0256i	-0.1151-0.0791i	-0.1153-0.1130i	-0.1728-0.1139i	0.0543-0.0002i
29.7	-0.0762-0.0453i	0.2352+0.1445i	-0.2577+0.0342i	0.0097+0.0209i	-0.0653-0.0589i	-0.0753-0.0782i	-0.2146-0.0579i	0.0863+0.0314i
29.8	-0.0812-0.0471i	0.2642+0.1351i	-0.2959+0.0230i	0.0137+0.0150i	-0.1148-0.1412i	-0.0880-0.0502i	-0.2927+0.0259i	0.1091+0.0058i
29.9	-0.0926-0.0453i	0.2728+0.1290i	-0.3546+0.0241i	0.0045+0.0193i	-0.1560-0.1057i	-0.0102+0.0017i	-0.2467-0.0003i	0.0913+0.0114i
30.0	-0.0819-0.0398i	0.2057+0.1416i	-0.3474+0.0232i	-0.0125+0.0278i	-0.1548-0.0227i	0.0372-0.0156i	-0.1983-0.0191i	0.0454+0.0103i
30.1	-0.0681-0.0379i	0.1403+0.1559i	-0.3158+0.0091i	-0.0241+0.0284i	-0.1201+0.0201i	0.0654-0.0795i	-0.1689-0.0695i	0.0034+0.0259i
30.2	-0.0669-0.0342i	0.1407+0.1543i	-0.3413-0.0217i	-0.0234+0.0340i	-0.1372-0.0783i	0.1214-0.0547i	-0.1587-0.0131i	0.0036+0.0071i
30.3	-0.0658-0.0279i	0.1317+0.1392i	-0.3390-0.0198i	-0.0243+0.0309i	-0.0917-0.0656i	0.1506-0.0476i	-0.1216+0.0194i	0.0141+0.0071i
30.4	-0.0593-0.0171i	0.0962+0.0829i	-0.3298+0.0105i	-0.0355+0.0172i	-0.0689-0.0121i	0.1355-0.0373i	-0.1395+0.0643i	0.0109-0.0235i
30.5	-0.0637-0.0191i	0.1232+0.0628i	-0.3627+0.0410i	-0.0326+0.0078i	-0.0735-0.0180i	0.1420-0.0219i	-0.1261+0.0516i	0.0235-0.0104i
30.6	-0.0738-0.0206i	0.1597+0.0611i	-0.4036+0.0187i	-0.0348+0.0072i	-0.0941-0.0578i	0.1357-0.0111i	-0.2082+0.1484i	0.0513-0.0107i
30.7	-0.0776-0.0255i	0.1654+0.1061i	-0.4085-0.0015i	-0.0363+0.0261i	-0.1015-0.0682i	0.1719-0.0051i	-0.2231+0.1043i	0.0624+0.0215i
30.8	-0.0653-0.0207i	0.0834+0.0896i	-0.3594+0.0458i	-0.0565+0.0278i	-0.1038+0.0135i	0.1852+0.0103i	-0.1315+0.0615i	0.0254+0.0320i

30.9	-0.0720-0.0113i	0.1083+0.0527i	-0.3738+0.0568i	-0.0536+0.0209i	-0.0561+0.0541i	0.1984-0.0187i	-0.1827+0.0620i	0.0595+0.0268i
31.0	-0.0686-0.0078i	0.0836+0.0556i	-0.3998+0.0391i	-0.0598+0.0269i	-0.0521+0.0007i	0.2503-0.0256i	-0.1277+0.0796i	0.0463+0.0090i
31.1	-0.0710-0.0021i	0.0910+0.0774i	-0.3900+0.0162i	-0.0570+0.0378i	-0.0793-0.0334i	0.2874-0.0237i	-0.1213+0.1391i	0.0627-0.0017i
31.2	-0.0703+0.0101i	0.0801+0.0378i	-0.3729+0.0706i	-0.0556+0.0356i	-0.0628-0.0163i	0.2767-0.0413i	-0.1483+0.2341i	0.0677+0.0065i
31.3	-0.0561+0.0046i	-0.0005+0.0421i	-0.3370+0.0658i	-0.0756+0.0316i	-0.0546-0.0082i	0.3001-0.0385i	-0.0433+0.1553i	0.0315+0.0093i
31.4	-0.0588+0.0002i	0.0080+0.0615i	-0.4001+0.0530i	-0.0803+0.0361i	-0.1077+0.0174i	0.3409-0.0532i	0.0583+0.0719i	0.0172+0.0005i
31.5	-0.0563+0.0055i	-0.0018+0.0536i	-0.4289+0.0944i	-0.0849+0.0397i	-0.1762+0.0612i	0.3481-0.0772i	0.0361+0.0807i	0.0108-0.0026i
31.6	-0.0489-0.0045i	-0.0578+0.1086i	-0.3576+0.0826i	-0.0926+0.0497i	-0.1098+0.0841i	0.3481-0.0982i	-0.1104+0.1491i	0.0103+0.0416i
31.7	-0.0423-0.0077i	-0.1028+0.1427i	-0.3462+0.0351i	-0.1056+0.0616i	-0.0528+0.0591i	0.3621-0.0880i	-0.1061+0.0334i	0.0145+0.0432i
31.8	-0.0382-0.0123i	-0.1273+0.1322i	-0.3438+0.0377i	-0.1135+0.0508i	-0.0592+0.0550i	0.3600-0.0914i	-0.0736+0.1248i	0.0187+0.0174i
31.9	-0.0435-0.0028i	-0.1222+0.1118i	-0.3317+0.0736i	-0.1162+0.0508i	-0.0723+0.0639i	0.3406-0.1017i	-0.0974+0.1571i	0.0268+0.0251i
32.0	-0.0340-0.0013i	-0.1634+0.1355i	-0.3091+0.1104i	-0.1211+0.0695i	-0.0447+0.0891i	0.3127-0.1383i	-0.1785-0.0579i	0.0388+0.0619i
32.1	-0.0396-0.0052i	-0.2028+0.1482i	-0.3157+0.0882i	-0.1490+0.0669i	-0.0084+0.1138i	0.3198-0.1074i	-0.0756-0.0693i	-0.0036+0.0296i
32.2	-0.0597-0.0235i	-0.0871+0.2455i	-0.3447+0.0696i	-0.1267+0.0858i	-0.0465+0.1420i	0.3380-0.1106i	-0.1179+0.1642i	0.0396+0.0285i
32.3	-0.0585-0.0279i	-0.1065+0.2899i	-0.3629+0.0278i	-0.1361+0.1004i	-0.0495+0.1450i	0.3948-0.0770i	-0.0603+0.0968i	0.0308+0.0247i
32.4	-0.0485-0.0262i	-0.1787+0.3262i	-0.3351-0.0237i	-0.1614+0.1201i	-0.0159+0.1075i	0.3920-0.0187i	0.0312-0.0314i	0.0175+0.0191i
32.5	-0.0482-0.0200i	-0.1811+0.3325i	-0.3301-0.0285i	-0.1660+0.1304i	0.0186+0.1008i	0.4018+0.0139i	0.0303+0.0112i	-0.0095-0.0073i
32.6	-0.0520-0.0226i	-0.1805+0.3200i	-0.3373+0.0956i	-0.1648+0.1301i	-0.0112+0.1059i	0.3919-0.1179i	-0.1259+0.0308i	-0.0181+0.0084i
32.7	-0.0643-0.0294i	-0.1868+0.3638i	-0.3048+0.0357i	-0.1851+0.1357i	0.0259+0.1130i	0.3745-0.0675i	0.0364+0.0593i	0.0038-0.0066i
32.8	-0.0864-0.0322i	-0.1146+0.4235i	-0.2969-0.0240i	-0.1823+0.1570i	0.0553+0.1088i	0.3805-0.0121i	0.0254-0.0637i	0.0246+0.0138i
32.9	-0.0840-0.0420i	-0.1102+0.4824i	-0.2702+0.0442i	-0.1709+0.1831i	0.0565+0.1112i	0.3537-0.0988i	-0.1157+0.0335i	0.0253+0.0461i
33.0	-0.0833-0.0211i	-0.0685+0.3872i	-0.2995+0.0282i	-0.1535+0.1673i	0.0639+0.0973i	0.3984-0.0799i	-0.0691+0.2199i	0.0270+0.0490i
33.1	-0.0935-0.0101i	-0.0160+0.3801i	-0.3249+0.0119i	-0.1472+0.1722i	0.0461+0.0725i	0.4285-0.0836i	-0.0756+0.2212i	0.0444+0.0441i
33.2	-0.0953-0.0176i	-0.0086+0.4503i	-0.2894-0.0013i	-0.1477+0.1993i	0.0752+0.1188i	0.4243-0.0581i	0.0502+0.0521i	0.0234+0.0200i
33.3	-0.1043-0.0038i	0.0424+0.3947i	-0.2613-0.0169i	-0.1304+0.1887i	0.0977+0.0972i	0.3826-0.0471i	0.0523+0.0481i	0.0282+0.0161i
33.4	-0.1113+0.0181i	0.0587+0.3505i	-0.2671-0.0332i	-0.1299+0.1916i	0.0934+0.0834i	0.4034-0.0331i	-0.0224+0.0664i	0.0345+0.0014i
33.5	-0.1197+0.0292i	0.0994+0.3937i	-0.2850-0.0223i	-0.1225+0.2301i	0.1145+0.1040i	0.4374-0.0614i	0.0222-0.0190i	0.0128+0.0027i
33.6	-0.1129+0.0457i	0.0781+0.3945i	-0.2496-0.0227i	-0.1222+0.2481i	0.1255+0.0748i	0.4097-0.0500i	0.0206+0.0053i	0.0134+0.0231i
33.7	-0.1156+0.0589i	0.1072+0.3807i	-0.2184-0.0386i	-0.1098+0.2593i	0.1341+0.0361i	0.3944-0.0359i	-0.0681+0.0897i	0.0365+0.0427i
33.8	-0.0977+0.0684i	0.0351+0.4223i	-0.2485-0.0642i	-0.1334+0.2942i	0.1419+0.0373i	0.4505-0.0172i	-0.0217+0.0664i	0.0245+0.0118i
33.9	-0.0806+0.0722i	-0.0175+0.3867i	-0.2919-0.0683i	-0.1390+0.2832i	0.1381+0.0830i	0.5243-0.0219i	0.0128-0.0926i	-0.0055-0.0265i
34.0	-0.0835+0.0918i	-0.0269+0.3514i	-0.2597-0.0653i	-0.1420+0.2937i	0.1552+0.0472i	0.4720-0.0052i	0.0685-0.0958i	0.0108-0.0333i
34.1	-0.0956+0.1048i	0.0495+0.3375i	-0.2322-0.1327i	-0.1192+0.3066i	0.1699+0.0057i	0.4636+0.0551i	0.0361-0.0921i	0.0156-0.0209i
34.2	-0.0916+0.0982i	0.0772+0.3575i	-0.2387-0.1784i	-0.1039+0.3096i	0.1553+0.0317i	0.4901+0.0796i	0.0344-0.0310i	0.0213-0.0083i
34.3	-0.0872+0.1078i	0.0816+0.3163i	-0.2567-0.2156i	-0.0911+0.3014i	0.1259+0.0269i	0.5098+0.0679i	0.0492+0.0242i	0.0355-0.0008i
34.4	-0.0766+0.1046i	0.1287+0.3356i	-0.2959-0.1888i	-0.0504+0.3188i	0.1161+0.0046i	0.5428-0.0478i	-0.0261-0.0203i	0.0043+0.0079i
34.5	-0.0692+0.1259i	0.1592+0.3119i	-0.3520-0.1877i	-0.0230+0.3434i	0.1130-0.0600i	0.5477-0.1019i	-0.0508-0.0656i	-0.0066+0.0048i
34.6	-0.0639+0.1229i	0.2066+0.3600i	-0.3762-0.2265i	0.0054+0.3716i	0.1107-0.1069i	0.5833-0.1047i	-0.1351-0.0455i	-0.0079+0.0109i
34.7	-0.0485+0.1207i	0.1703+0.3499i	-0.3561-0.2683i	0.0064+0.3561i	0.1242-0.1045i	0.5508-0.0355i	-0.0451+0.0321i	0.0189+0.0076i
34.8	-0.0289+0.1230i	0.1148+0.3279i	-0.3354-0.2837i	0.0050+0.3402i	0.1404-0.1358i	0.5178+0.0303i	-0.0102-0.0341i	0.0080-0.0040i
34.9	-0.0308+0.1126i	0.1629+0.3687i	-0.4249-0.2276i	0.0331+0.3596i	0.1147-0.0633i	0.5331-0.0739i	-0.0448-0.1035i	-0.0087-0.0287i
35.0	-0.0281+0.1329i	0.2051+0.3278i	-0.4676-0.2618i	0.0649+0.3648i	0.0876-0.0738i	0.5723-0.0419i	-0.0827-0.0482i	-0.0133-0.0198i
35.1	-0.0046+0.1702i	0.1714+0.2315i	-0.4978-0.2290i	0.0833+0.3480i	0.0730-0.0631i	0.5819-0.0478i	-0.0172-0.0967i	-0.0078-0.0258i
35.2	0.0208+0.1836i	0.1303+0.1561i	-0.5221-0.1972i	0.0906+0.3135i	0.1072-0.0133i	0.6112-0.0292i	0.0193-0.0727i	-0.0080-0.0371i
35.3	0.0272+0.1671i	0.1412+0.1694i	-0.5244-0.2216i	0.1014+0.3009i	0.0899-0.0690i	0.6306+0.0077i	-0.0727-0.0878i	-0.0011-0.0302i
35.4	0.0260+0.1541i	0.1558+0.1988i	-0.5382-0.2075i	0.1071+0.3059i	0.0912-0.0609i	0.6751-0.0215i	-0.1769-0.1311i	-0.0414-0.0099i
35.5	0.0420+0.1502i	0.1368+0.1633i	-0.5708-0.1733i	0.1182+0.2808i	0.0614-0.0659i	0.7513-0.0469i	-0.1776-0.0093i	-0.0563+0.0046i
35.6	0.0638+0.1330i	0.0609+0.1871i	-0.6267-0.1569i	0.1028+0.2752i	0.0367-0.0441i	0.8935-0.0599i	-0.1000-0.0201i	-0.0735-0.0153i
35.7	0.0778+0.1209i	0.0212+0.1606i	-0.6292-0.1807i	0.0935+0.2451i	0.0226-0.0292i	0.9016+0.0247i	-0.0314+0.0667i	-0.0564-0.0191i
35.8	0.0861+0.1211i	0.0160+0.1522i	-0.6053-0.1712i	0.0963+0.2353i	0.0638-0.0620i	0.8991-0.0327i	-0.0492+0.0764i	-0.0599-0.0036i
35.9	0.1009+0.1356i	-0.0443+0.1422i	-0.6344-0.1738i	0.0676+0.2421i	0.1101-0.0412i	0.9121-0.0435i	0.0377+0.0176i	-0.0295-0.0294i
36.0	0.1176+0.1246i	-0.1193+0.1596i	-0.6622-0.1301i	0.0450+0.2431i	0.1467-0.0328i	1.0194-0.0668i	0.0444+0.0309i	-0.0343-0.0362i
36.1	0.1128+0.1004i	-0.0887+0.2004i	-0.6357-0.0397i	0.0650+0.2530i	0.0906-0.0471i	0.9899-0.2631i	-0.0780+0.1382i	-0.0662+0.0522i
36.2	0.1308+0.0986i	-0.1445+0.2123i	-0.6569-0.0409i	0.0521+0.2576i	0.1203-0.0526i	1.0249-0.3087i	-0.0161+0.1724i	-0.0499+0.0749i
36.3	0.1529+0.0884i	-0.1689+0.2825i	-0.6361-0.0000i	0.0573+0.2921i	0.1566-0.0605i	0.9416-0.3974i	-0.0904+0.1250i	-0.0523+0.0562i
36.4	0.1675+0.0788i	-0.1766+0.2735i	-0.5877-0.0117i	0.0703+0.2769i	0.1630-0.0885i	0.8514-0.3570i	0.0259+0.1581i	0.0014+0.0463i
36.5	0.1756+0.0393i	-0.1402+0.3698i	-0.5608+0.0562i	0.1067+0.3027i	0.1709-0.1663i	0.7826-0.4770i	-0.0397+0.1907i	-0.0047+0.0797i
36.6	0.1720+0.0049i	-0.0841+0.4896i	-0.4890+0.0799i	0.1380+0.3360i	0.1263-0.1865i	0.6103-0.6244i	-0.0500+0.1040i	-0.0062+0.1016i
36.7	0.1636-0.0052i	-0.0531+0.5248i	-0.4633+0.0687i	0.1526+0.3427i	0.0829-0.1730i	0.5292-0.6389i	0.0333+0.0586i	0.0115+0.0720i
36.8	0.1636-0.0286i	-0.0231+0.5443i	-0.4382+0.0565i	0.1796+0.3286i	0.0772-0.2050i	0.5051-0.5953i	0.0362+0.0458i	0.0087+0.0549i
36.9	0.1581-0.0757i	0.0376+0.6260i	-0.4166+0.0438i	0.2163+0.3265i	0.0066-0.2338i	0.4476-0.5945i	-0.0374+0.0317i	-0.0161+0.0435i
37.0	0.1242-0.0701i	0.0947+0.5920i	-0.3838+0.0083i	0.2186+0.3093i	-0.0036-0.2316i	0.3977-0.5089i	0.0190+0.0167i	-0.0123+0.0295i
37.1	0.0756-0.0684i	0.1944+0.5421i	-0.3519-0.0510i	0.2343+0.2762i	-0.0104-0.2599i	0.3002-0.4125i	0.0195+0.0075i	0.0030+0.0420i

37.2	0.0834-0.0578i	0.1907+0.4917i	-0.3901-0.0893i	0.2424+0.2504i	-0.0030-0.2256i	0.3225-0.3500i	0.0061-0.0207i	0.0055+0.0283i
37.3	0.0856-0.0559i	0.1685+0.4378i	-0.4203-0.1220i	0.2296+0.2204i	-0.0008-0.2075i	0.3296-0.2494i	0.0413-0.0168i	0.0078+0.0193i
37.4	0.0733-0.0186i	0.1433+0.3320i	-0.4652-0.2002i	0.1961+0.1837i	-0.0354-0.1857i	0.3562-0.1191i	0.1311+0.0499i	0.0677+0.0167i
37.5	0.0650-0.0421i	0.2176+0.3705i	-0.4538-0.1926i	0.2258+0.1794i	-0.0639-0.1803i	0.3251-0.1079i	0.0505+0.0266i	0.0223+0.0285i
37.6	0.0438-0.0641i	0.2734+0.3915i	-0.4392-0.1574i	0.2479+0.1728i	-0.0842-0.1427i	0.3285-0.0968i	-0.0358-0.0042i	-0.0098+0.0345i
37.7	0.0336-0.0771i	0.2409+0.3671i	-0.5058-0.1865i	0.2129+0.1509i	-0.1400-0.1543i	0.4167+0.0073i	-0.0549+0.0501i	0.0147+0.0497i
37.8	0.0060-0.0730i	0.2595+0.3418i	-0.5430-0.1839i	0.2073+0.1397i	-0.1329-0.0871i	0.4906+0.0317i	-0.0862+0.0569i	0.0118+0.0618i
37.9	-0.0142-0.0276i	0.2415+0.2713i	-0.5592-0.1678i	0.1865+0.1218i	-0.0903-0.0703i	0.5317+0.0341i	0.0339+0.0884i	0.0547+0.0668i
38.0	0.0077-0.0103i	0.2251+0.2934i	-0.5491-0.1827i	0.1722+0.1426i	-0.0833-0.1166i	0.5091+0.0973i	0.0883+0.0567i	0.0601+0.0270i
38.1	-0.0104-0.0121i	0.2952+0.2861i	-0.5519-0.1910i	0.2024+0.1596i	-0.0720-0.1131i	0.6120+0.1156i	0.0385+0.0273i	0.0126+0.0189i
38.2	-0.0293-0.0042i	0.2724+0.2613i	-0.5569-0.1814i	0.1818+0.1624i	-0.0456-0.0847i	0.6736+0.1076i	0.1399+0.0250i	0.0474+0.0258i
38.3	-0.0491-0.0142i	0.3069+0.2892i	-0.5578-0.1547i	0.1921+0.1742i	-0.0482-0.1003i	0.7100+0.0721i	0.0494-0.0930i	0.0190+0.0064i
38.4	-0.0436+0.0038i	0.3546+0.2547i	-0.5809-0.1390i	0.2319+0.1614i	-0.0797-0.1266i	0.7493+0.0347i	-0.0676-0.1360i	-0.0432+0.0004i
38.5	-0.0388+0.0117i	0.3173+0.2368i	-0.5912-0.1294i	0.2177+0.1486i	-0.0653-0.1118i	0.7820-0.0072i	-0.0339-0.1301i	-0.0247-0.0055i
38.6	-0.0409-0.0157i	0.3093+0.2640i	-0.6041-0.1132i	0.2087+0.1442i	-0.1108-0.0775i	0.7941-0.0082i	-0.0268-0.0821i	-0.0305-0.0080i
38.7	-0.0242+0.0015i	0.2465+0.2146i	-0.6214-0.1426i	0.1760+0.1280i	-0.1407-0.0701i	0.8212+0.0012i	0.0352-0.0336i	0.0186+0.0158i
38.8	-0.0198+0.0459i	0.2539+0.1291i	-0.6225-0.1615i	0.1791+0.1037i	-0.0878-0.1003i	0.8549+0.0269i	-0.0178+0.0064i	0.0042+0.0458i
38.9	-0.0284+0.0340i	0.2702+0.1376i	-0.6443-0.1256i	0.1872+0.1042i	-0.0858-0.0563i	0.8723-0.0006i	-0.0582-0.0212i	-0.0110+0.0331i
39.0	0.0008+0.0593i	0.2263+0.1148i	-0.6676-0.1045i	0.1804+0.1079i	-0.1490-0.0323i	0.8944-0.0833i	-0.0153+0.0016i	-0.0006+0.0423i
39.1	0.0119+0.0776i	0.2142+0.1204i	-0.6617-0.0968i	0.1731+0.1188i	-0.1960-0.0661i	0.9197-0.1203i	-0.0259-0.0084i	-0.0180+0.0354i
39.2	0.0045+0.0713i	0.2082+0.1232i	-0.6471-0.1138i	0.1682+0.1225i	-0.1365-0.0477i	0.9083-0.0668i	-0.0089-0.0135i	0.0168+0.0334i
39.3	-0.0103+0.0683i	0.2165+0.1355i	-0.6521-0.0952i	0.1708+0.1326i	-0.0640-0.0374i	0.9920-0.0577i	-0.0013-0.0374i	0.0175+0.0079i
39.4	0.0057+0.0710i	0.1990+0.1115i	-0.6653-0.0905i	0.1682+0.1180i	-0.0935-0.0166i	1.0416-0.0735i	-0.0570+0.0030i	-0.0004+0.0364i
39.5	0.0119+0.0708i	0.2038+0.1190i	-0.6947-0.0847i	0.1814+0.1279i	-0.1489-0.0099i	1.0908-0.0924i	-0.0431-0.0419i	-0.0027-0.0012i
39.6	0.0273+0.0712i	0.1500+0.1425i	-0.6832-0.0954i	0.1618+0.1454i	-0.1741-0.0527i	1.0725-0.1075i	0.0247-0.0129i	0.0296-0.0109i
39.7	0.0433+0.0614i	0.1420+0.1385i	-0.7018-0.0770i	0.1723+0.1351i	-0.1397+0.0236i	1.1161-0.1446i	-0.0280-0.0124i	0.0019+0.0064i
39.8	0.0301+0.0751i	0.1593+0.1015i	-0.7056-0.0477i	0.1777+0.1192i	-0.1463+0.0445i	1.1790-0.2129i	-0.0209+0.0132i	-0.0059+0.0350i
39.9	0.0288+0.0609i	0.1646+0.1345i	-0.6783-0.0220i	0.1755+0.1270i	-0.1003-0.0153i	1.1396-0.2909i	-0.0155-0.0140i	-0.0117+0.0169i
40.0	0.0359+0.0973i	0.1642+0.0729i	-0.6802+0.0063i	0.1811+0.1117i	-0.1306-0.0166i	1.1802-0.3365i	-0.1056+0.0119i	-0.0481+0.0519i
40.1	0.0325+0.1029i	0.1302+0.0757i	-0.6836-0.0158i	0.1589+0.1191i	-0.1300+0.0001i	1.1697-0.2857i	-0.0500+0.0010i	-0.0051+0.0260i
40.2	0.0454+0.0883i	0.1205+0.1021i	-0.6544+0.0003i	0.1574+0.1177i	-0.1363+0.0038i	1.0755-0.3508i	-0.0519-0.0236i	-0.0094+0.0273i
40.3	0.0533+0.0907i	0.1381+0.1055i	-0.6459+0.0343i	0.1819+0.1189i	-0.1498+0.0084i	1.0835-0.3785i	-0.1207-0.0694i	-0.0672+0.0123i
40.4	0.0485+0.0583i	0.1545+0.1405i	-0.6136+0.0399i	0.1868+0.1112i	-0.0990+0.0390i	1.0246-0.4266i	-0.1230-0.0853i	-0.0891+0.0130i
40.5	0.0940+0.0241i	0.1205+0.1204i	-0.5891+0.0671i	0.2112+0.0726i	-0.0706+0.0481i	0.9902-0.5525i	-0.1641-0.0057i	-0.0942+0.0899i
40.6	0.1052+0.0343i	0.1211+0.0939i	-0.6335+0.1187i	0.2281+0.0646i	-0.1085+0.0389i	1.0483-0.5907i	-0.1826-0.0117i	-0.1209+0.0750i
40.7	0.0977+0.0481i	0.1058+0.0941i	-0.6277+0.0483i	0.2072+0.0883i	-0.1263-0.0168i	1.0668-0.4492i	-0.1542+0.0417i	-0.0750+0.0954i
40.8	0.0819+0.0179i	0.0843+0.1239i	-0.6195+0.0939i	0.1884+0.0677i	-0.0899-0.0362i	1.1195-0.5009i	-0.1585-0.0142i	-0.0661+0.0603i
40.9	0.1173+0.0252i	0.1013+0.1464i	-0.6775+0.1722i	0.2382+0.0889i	-0.1283+0.1364i	1.1507-0.7025i	-0.1272-0.0930i	-0.0661-0.0057i
41.0	0.1309+0.0220i	0.1001+0.1455i	-0.6304+0.1020i	0.2425+0.0921i	-0.0759+0.0837i	1.0507-0.5928i	-0.1160-0.0617i	-0.0498+0.0120i
41.1	0.1058+0.0104i	0.0822+0.1132i	-0.5903+0.0861i	0.2083+0.0576i	-0.0320+0.0390i	1.0261-0.5536i	-0.1380+0.0008i	-0.0376+0.0658i
41.2	0.1153+0.0230i	0.0731+0.1087i	-0.5761+0.1260i	0.2081+0.0692i	-0.0856+0.0507i	1.0109-0.6705i	-0.1508+0.0060i	-0.0298+0.0558i
41.3	0.1346+0.0492i	0.0819+0.0869i	-0.5899+0.1540i	0.2360+0.0901i	-0.0929+0.0413i	0.9493-0.7019i	-0.1368-0.0270i	-0.0375+0.0217i
41.4	0.1922+0.0124i	0.0481+0.1263i	-0.5824+0.0785i	0.2830+0.0959i	-0.1124+0.0498i	0.8963-0.5772i	-0.1443-0.0051i	-0.0424+0.0307i
41.5	0.1672-0.0278i	0.0504+0.1767i	-0.5673+0.0853i	0.2673+0.0789i	-0.1187+0.0148i	1.0057-0.6510i	-0.2011-0.0298i	-0.0728+0.0359i
41.6	0.1677-0.0355i	0.0540+0.1800i	-0.5451+0.0694i	0.2680+0.0632i	-0.0423+0.0562i	0.9124-0.6372i	-0.1140-0.0082i	-0.0380+0.0497i
41.7	0.1444-0.0774i	0.0562+0.2131i	-0.4515+0.0192i	0.2351+0.0398i	-0.0234+0.0873i	0.8058-0.5457i	-0.1635+0.0556i	-0.0414+0.0832i
41.8	0.1512-0.0782i	0.0392+0.1875i	-0.4263+0.0207i	0.2341+0.0162i	-0.0298+0.0883i	0.8514-0.5548i	-0.2234+0.1139i	-0.0578+0.1008i
41.9	0.1218-0.1099i	0.0432+0.2034i	-0.4259-0.0034i	0.2134-0.0046i	-0.0021+0.0464i	0.8952-0.5714i	-0.2278+0.0870i	-0.0680+0.0815i
42.0	0.0801-0.1312i	0.0871+0.2252i	-0.4267-0.1036i	0.2030-0.0075i	0.0061+0.0271i	0.7919-0.5149i	-0.2050+0.1619i	-0.0660+0.1569i
42.1	0.0917-0.1266i	0.1059+0.2125i	-0.4870-0.0729i	0.2417-0.0087i	-0.0881+0.0538i	0.8427-0.5113i	-0.1833+0.1314i	-0.0498+0.1280i
42.2	0.0347-0.1317i	0.1115+0.2508i	-0.4923-0.1220i	0.1836-0.0054i	-0.0806+0.0231i	0.9163-0.5193i	-0.1764+0.1562i	-0.0243+0.1205i
42.3	0.0250-0.1156i	0.1447+0.2383i	-0.5502-0.1687i	0.2005+0.0011i	-0.0190+0.0647i	0.9061-0.4745i	-0.1198+0.2040i	0.0290+0.1256i
42.4	0.0319-0.1232i	0.1111+0.2213i	-0.5205-0.1627i	0.1898-0.0230i	-0.0100+0.0435i	0.9452-0.5573i	-0.1269+0.2088i	0.0318+0.1260i
42.5	-0.0228-0.1276i	0.1251+0.2272i	-0.5041-0.1066i	0.1323-0.0457i	-0.0141+0.0056i	0.9700-0.7372i	-0.1659+0.2540i	0.0078+0.1576i
42.6	-0.0040-0.1301i	0.0553+0.1897i	-0.2807-0.0782i	0.0767-0.0759i	-0.0215+0.0485i	0.6515-0.7133i	-0.2035+0.2546i	-0.0015+0.1885i
42.7	-0.0752-0.0568i	0.1620+0.1845i	-0.4537-0.1954i	0.0977+0.0122i	-0.0662+0.0696i	0.8118-0.5880i	-0.1431+0.2578i	-0.0085+0.1634i
42.8	-0.0805-0.0502i	0.1963+0.2096i	-0.4890-0.2248i	0.1184+0.0328i	-0.0321+0.0719i	0.7705-0.6434i	-0.1352+0.2674i	-0.0142+0.1448i
42.9	-0.0951-0.1170i	0.1134+0.2508i	-0.3623-0.2627i	0.0353-0.0105i	-0.0068-0.0059i	0.7253-0.6204i	-0.1971+0.3056i	-0.0160+0.1398i
43.0	-0.0970+0.0224i	0.1305+0.1959i	-0.5568-0.1668i	0.0452+0.0777i	-0.0971+0.0689i	0.7542-0.7412i	0.0020+0.2014i	0.0490+0.0660i
43.1	-0.0224+0.0563i	0.1140+0.1753i	-0.4817-0.1553i	0.0958+0.1008i	-0.0628+0.0844i	0.6013-0.6645i	-0.0243+0.1860i	0.0268+0.0504i
43.2	0.0122+0.0398i	0.1110+0.1471i	-0.4664-0.2281i	0.1278+0.0781i	-0.1030+0.0972i	0.5433-0.4937i	-0.0062+0.2116i	0.0159+0.0668i
43.3	0.0874+0.0457i	0.0912+0.1269i	-0.4748-0.2933i	0.2042+0.0886i	-0.1038+0.0957i	0.5081-0.3488i	-0.0702+0.2467i	-0.0232+0.1275i
43.4	0.0811+0.0167i	0.1236+0.1456i	-0.6317-0.3413i	0.2404+0.0657i	-0.0626+0.0744i	0.7324-0.2231i	-0.0038+0.3069i	0.0220+0.1550i

43.5	0.0473-0.0083i	0.0928+0.2165i	-0.6308-0.3785i	0.1880+0.0834i	-0.0913+0.0032i	0.9985-0.3269i	-0.0045+0.2640i	0.0253+0.0758i
43.6	0.0207-0.0038i	0.0688+0.1896i	-0.6599-0.3041i	0.1457+0.0527i	-0.0676+0.0483i	1.0794-0.5038i	-0.0158+0.2583i	0.0209+0.0871i
43.7	0.0603+0.0627i	0.0915+0.1380i	-0.6777-0.2261i	0.1962+0.0782i	-0.0487+0.0540i	0.8669-0.6475i	0.0170+0.2748i	0.0314+0.1335i
43.8	0.1443+0.0689i	0.0833+0.0948i	-0.6855-0.1559i	0.2795+0.0564i	-0.0719+0.0502i	0.7125-0.5718i	0.0650+0.2873i	0.0470+0.1633i
43.9	0.1573+0.0149i	0.0980+0.1604i	-0.6078-0.1852i	0.3004+0.0464i	-0.0822+0.0278i	0.6431-0.5163i	0.0758+0.2600i	0.0031+0.1518i
44.0	0.1159-0.0294i	0.1028+0.2182i	-0.5268-0.2750i	0.2585+0.0309i	-0.0881+0.0510i	0.6345-0.3718i	0.0093+0.1741i	-0.0246+0.1025i
44.1	0.0226-0.0232i	0.1410+0.2272i	-0.5788-0.4478i	0.1731+0.0370i	-0.0180+0.0703i	0.8157-0.2058i	0.0253+0.3239i	-0.0270+0.1888i
44.2	0.0165-0.0127i	0.2285+0.2282i	-0.8117-0.4604i	0.2194+0.0357i	0.0048+0.0286i	1.1156-0.2090i	0.1275+0.3445i	0.0014+0.2155i
44.3	0.0288+0.0065i	0.2555+0.1416i	-0.8514-0.3225i	0.2259-0.0075i	0.0225+0.0427i	1.1304-0.5361i	0.1554+0.2952i	0.0430+0.2045i
44.4	0.0389+0.0285i	0.2080+0.0859i	-0.7847-0.2886i	0.1934+0.0081i	-0.0253-0.0237i	0.8692-0.6701i	0.1049+0.2640i	0.0472+0.1596i
44.5	0.1261+0.0181i	0.0948+0.1268i	-0.7305-0.3502i	0.2504+0.0250i	-0.0330-0.0169i	0.7631-0.5578i	0.1086+0.2257i	0.0236+0.1594i
44.6	0.1003+0.0096i	0.1188+0.2050i	-0.7467-0.3841i	0.2285+0.0307i	-0.0015+0.0345i	0.8103-0.4519i	0.0651+0.3346i	-0.0117+0.2548i
44.7	0.1067+0.0155i	0.2159+0.1766i	-0.8020-0.3178i	0.2591+0.0374i	-0.0075-0.0096i	0.8337-0.4394i	0.1291+0.3148i	0.0332+0.2289i
44.8	0.1940+0.0107i	0.2050+0.0962i	-0.8046-0.3148i	0.3530+0.0332i	-0.0025-0.0203i	0.8832-0.2550i	0.1761+0.2871i	0.0792+0.1944i
44.9	0.1232-0.0813i	0.1553+0.1025i	-0.8861-0.3067i	0.3001-0.0690i	-0.0927+0.0789i	1.3068-0.2558i	0.1844+0.1906i	0.0360+0.1553i
45.0	0.0487-0.0810i	0.1529+0.0946i	-0.8753-0.2410i	0.2184-0.1110i	-0.0381+0.0640i	1.5201-0.7606i	0.1763+0.1281i	0.0559+0.1577i
45.1	0.1106+0.0061i	0.1262+0.0089i	-0.8136-0.1650i	0.2487-0.0673i	-0.0047+0.0729i	1.0507-1.0493i	0.1130+0.1445i	0.0636+0.1611i
45.2	0.1500-0.0077i	0.0756+0.0028i	-0.7538-0.2467i	0.2552-0.0826i	0.0088+0.0195i	0.6684-0.8835i	0.1497+0.2422i	0.1018+0.2020i
45.3	0.1257-0.0578i	0.0194+0.0140i	-0.7752-0.2753i	0.1985-0.1463i	0.0154+0.0408i	0.6247-0.6955i	0.1731+0.3071i	0.1422+0.2377i
45.4	0.1344-0.1217i	0.0100+0.0623i	-0.6872-0.2593i	0.1724-0.1806i	0.0078+0.0361i	0.4725-0.5001i	0.1757+0.2339i	0.1431+0.2081i
45.5	0.1442-0.1158i	0.0741+0.1490i	-0.7106-0.3977i	0.2174-0.0789i	-0.0256+0.0019i	0.4920-0.2505i	0.1697+0.1199i	0.0858+0.1129i
45.6	0.1652-0.1287i	0.1212+0.1082i	-0.8464-0.5379i	0.3097-0.1106i	-0.0566-0.0381i	0.7942-0.1508i	0.1596+0.1928i	0.0662+0.1707i
45.7	0.1719-0.1791i	0.0872+0.0630i	-1.0223-0.4991i	0.3237-0.2066i	-0.1137-0.0454i	1.0730-0.2301i	0.1934+0.2126i	0.0832+0.1686i
45.8	0.1477-0.1717i	0.0598+0.0426i	-1.0751-0.3720i	0.2713-0.2238i	-0.1687+0.0236i	1.0047-0.3436i	0.2170+0.1572i	0.1043+0.1642i
45.9	0.1357-0.0944i	-0.0077+0.0606i	-1.0261-0.3618i	0.2317-0.1514i	-0.1858+0.0301i	1.1073-0.4842i	0.1835+0.1597i	0.0903+0.2229i
46.0	0.1628-0.0376i	-0.0357+0.1590i	-1.0205-0.3984i	0.2401-0.0683i	-0.1915+0.1023i	1.0129-0.6931i	0.1882+0.2214i	0.1066+0.2658i
46.1	0.2302-0.0893i	0.0903+0.2286i	-1.0910-0.3136i	0.3481-0.0881i	-0.1727+0.1671i	0.9020-0.6182i	0.2453+0.1460i	0.1315+0.1964i
46.2	0.2119-0.2224i	0.1656+0.1729i	-1.1039-0.2747i	0.3412-0.2266i	-0.1464+0.1239i	0.8592-0.5031i	0.2809+0.0963i	0.2019+0.1373i
46.3	0.2041-0.2396i	0.1565+0.0587i	-1.1326-0.2563i	0.3209-0.2822i	-0.0858+0.0940i	0.7566-0.6280i	0.3635+0.0181i	0.2555+0.0863i
46.4	0.1209-0.1944i	0.1001+0.0825i	-1.1418-0.2768i	0.2158-0.2134i	-0.0717+0.0697i	0.7790-0.4540i	0.3165-0.0459i	0.2342+0.0174i
46.5	0.1179-0.2978i	0.1063+0.1034i	-1.2245-0.3335i	0.2283-0.3350i	-0.0726+0.1085i	0.7886-0.3005i	0.2652+0.0366i	0.2253+0.0665i
46.6	0.1423-0.3281i	0.1070+0.0933i	-1.2384-0.1989i	0.2531-0.3743i	-0.1028+0.0839i	0.7514-0.3161i	0.2586-0.0009i	0.1836+0.0364i
46.7	0.0368-0.3688i	0.0914+0.1122i	-1.1300-0.1508i	0.1174-0.4006i	-0.0525+0.0880i	0.7775-0.2091i	0.2144-0.0419i	0.1567-0.0079i
46.8	-0.0484-0.3514i	0.1231+0.0702i	-1.1376-0.2577i	0.0537-0.4007i	-0.0187+0.0772i	0.9036-0.0426i	0.1653+0.0268i	0.1157+0.0085i
46.9	-0.0118-0.3229i	0.0887+0.0137i	-1.1938-0.2331i	0.0740-0.4088i	0.0022+0.0793i	0.9458-0.0757i	0.2195+0.0754i	0.1517+0.0416i
47.0	-0.0072-0.2425i	-0.0301+0.0654i	-1.0545-0.2407i	0.0458-0.3114i	-0.0920+0.1317i	0.8914-0.1326i	0.1131+0.0599i	0.0364+0.0762i
47.1	0.0710-0.2699i	-0.0064+0.2779i	-1.0212-0.3760i	0.1218-0.2689i	-0.1386+0.2181i	0.8645-0.0151i	0.1277+0.0979i	0.0549+0.0860i
47.2	-0.0739-0.2677i	0.1993+0.2861i	-1.1393-0.4882i	0.0597-0.2541i	-0.0092+0.2309i	1.2285+0.3415i	0.1287+0.0324i	-0.0071+0.0572i
47.3	-0.0833-0.2293i	0.2671+0.1737i	-1.4576-0.4890i	0.0577-0.2588i	0.0049+0.1746i	1.6425+0.3855i	0.3011-0.0138i	0.1041+0.0493i
47.4	-0.0913-0.2298i	0.2838+0.0239i	-1.6298-0.3236i	0.0286-0.3337i	0.0496+0.1428i	1.9733+0.0942i	0.3175+0.0175i	0.1195+0.0582i
47.5	-0.0894-0.2542i	0.1686-0.0740i	-1.6596-0.1976i	-0.0334-0.3975i	0.0178+0.1181i	2.0848-0.0414i	0.2929-0.0047i	0.1366+0.0581i
47.6	-0.1188-0.2780i	0.0927-0.0807i	-1.6930-0.0105i	-0.1042-0.4028i	-0.0621+0.1293i	2.1042-0.3195i	0.3091-0.0394i	0.1009+0.0818i
47.7	-0.1289-0.2639i	0.0501-0.0518i	-1.5083+0.0802i	-0.1225-0.3593i	-0.0174+0.0852i	1.9442-0.6962i	0.2695-0.0545i	0.0606+0.0760i
47.8	-0.1739-0.1557i	0.0336-0.0052i	-1.7680+0.1297i	-0.1894-0.2435i	-0.0231+0.1369i	2.1466-0.8294i	0.2574-0.0833i	0.0486+0.0985i
47.9	-0.1661-0.1130i	0.0366+0.0338i	-1.5276+0.4609i	-0.1934-0.1486i	-0.0068+0.1290i	1.8469-1.1877i	0.1714-0.2344i	0.0192+0.0458i
48.0	-0.1565-0.1793i	0.0428+0.0276i	-1.3417+0.4608i	-0.1690-0.2074i	0.0087+0.1331i	1.6987-1.2387i	0.1134-0.1676i	-0.0075+0.0720i
48.1	-0.2936-0.1543i	-0.0050+0.0246i	-1.1275+0.4142i	-0.3188-0.1569i	0.0416+0.1037i	1.3821-1.1576i	0.1170-0.1293i	0.0431+0.0775i
48.2	-0.2330-0.1864i	-0.0149+0.0661i	-1.2190+0.1395i	-0.2627-0.1849i	0.0001+0.0820i	1.3116-0.7871i	0.1516-0.0933i	0.1090+0.0817i
48.3	-0.2423-0.2217i	0.0275+0.1045i	-1.2752+0.2224i	-0.2620-0.2023i	0.0371+0.0762i	1.3048-0.8255i	0.1915-0.1226i	0.1399+0.0595i
48.4	-0.3321-0.1739i	0.0921+0.0269i	-1.2071+0.2225i	-0.3265-0.1800i	0.0216+0.0715i	1.2599-0.6394i	0.0952-0.1456i	0.0380+0.0788i
48.5	-0.2836-0.1083i	0.0713-0.0100i	-1.1975+0.3158i	-0.2899-0.1138i	0.0301+0.0755i	1.4147-0.7217i	0.0202-0.0922i	-0.0002+0.1140i
48.6	-0.2923-0.0882i	0.0273-0.0175i	-1.0957+0.3280i	-0.3073-0.0712i	0.0418+0.1158i	1.3042-0.7476i	0.0846-0.0222i	0.0546+0.1548i
48.7	-0.2888-0.1068i	-0.0026-0.0050i	-1.0061+0.1791i	-0.2903-0.0811i	0.0069+0.0611i	1.2695-0.5781i	0.1295-0.0315i	0.0894+0.1369i
48.8	-0.3248+0.0306i	-0.0155-0.0110i	-1.1409+0.0672i	-0.3359+0.0567i	0.0312+0.0948i	1.5693-0.4352i	0.1353+0.0008i	0.0849+0.2090i
48.9	-0.2977+0.0421i	-0.0426-0.0125i	-1.1368+0.1393i	-0.2965+0.0843i	0.0140+0.0960i	1.6365-0.5738i	0.1293-0.0127i	0.0971+0.1711i
49.0	-0.2683-0.0043i	-0.0420+0.0299i	-1.0920+0.1657i	-0.2309+0.0391i	-0.0130+0.0308i	1.6236-0.7737i	0.0780-0.0774i	-0.0323+0.1371i
49.1	-0.2456+0.0251i	-0.0490+0.0737i	-1.0971+0.1915i	-0.2315+0.0754i	0.0291+0.1075i	1.4575-0.9214i	0.1294-0.1233i	0.0460+0.1870i
49.2	-0.2117+0.1343i	-0.0439+0.0633i	-0.9770+0.0709i	-0.1989+0.1872i	0.0302+0.0654i	1.2782-0.5795i	0.1098-0.0978i	0.1057+0.1525i
49.3	-0.2300+0.1844i	0.0070+0.0554i	-0.9929-0.0614i	-0.1816+0.2259i	0.0087+0.0621i	1.3812-0.4197i	0.1170-0.0016i	0.0448+0.2049i
49.4	-0.2219+0.1559i	0.0242-0.0027i	-1.1611-0.0314i	-0.1691+0.1900i	-0.0128+0.0523i	1.6787-0.4494i	0.0742-0.0833i	0.0160+0.1878i
49.5	-0.1587+0.0713i	-0.0484-0.0380i	-1.1796+0.0596i	-0.1064+0.0942i	-0.0013+0.1419i	1.7647-0.6828i	0.1913-0.0157i	0.0756+0.2741i
49.6	-0.1634+0.1193i	-0.0687+0.0471i	-1.1001-0.0024i	-0.1192+0.1446i	0.0709+0.0902i	1.5459-0.7174i	0.2185+0.0173i	0.1941+0.2204i
49.7	-0.1290+0.0661i	-0.0031+0.0125i	-1.1240-0.0814i	-0.0889+0.0840i	0.0488+0.0778i	1.2974-0.4672i	0.1131+0.0487i	0.1214+0.1809i

49.8	-0.0481+0.0957i	-0.0785-0.0616i	-1.2016-0.1251i	-0.0389+0.1101i	-0.0118-0.0088i	1.6595-0.0725i	0.0797+0.0133i	0.0494+0.1829i
49.9	-0.0899+0.1252i	-0.1718-0.0289i	-1.3460-0.0249i	-0.0800+0.1654i	-0.0418+0.0585i	2.1094-0.2849i	0.1918+0.0393i	0.0848+0.3298i
50.0	-0.0105+0.1739i	-0.1458+0.0519i	-1.0968+0.0592i	0.0366+0.1992i	0.0327+0.0495i	1.7328-0.5227i	0.1849+0.0129i	0.1469+0.3377i
50.1	0.0125+0.2044i	-0.1213+0.0665i	-1.0806-0.1132i	0.0428+0.2340i	-0.0140+0.1072i	1.7889-0.1718i	0.1545+0.0986i	0.1871+0.3486i
50.2	-0.0547+0.1818i	-0.0982+0.0693i	-1.1645-0.2118i	-0.0300+0.2194i	0.0309+0.1612i	2.0103-0.0841i	0.2048+0.1393i	0.2071+0.3623i
50.3	-0.0129+0.1644i	-0.0980+0.0745i	-1.2689-0.2306i	0.0043+0.2217i	0.0575+0.1054i	2.3475-0.1531i	0.3234+0.0574i	0.2565+0.3386i
50.4	-0.0103+0.2538i	-0.0956+0.0141i	-1.2822-0.2433i	0.0485+0.2787i	0.0941+0.1060i	2.4505-0.2623i	0.2949+0.0066i	0.2871+0.4229i
50.5	0.0105+0.2180i	-0.1136-0.0034i	-1.3431-0.2404i	0.0633+0.2314i	0.0662+0.1400i	2.3485-0.3450i	0.3433+0.0406i	0.2845+0.4663i
50.6	0.0056+0.2260i	-0.1074+0.0425i	-1.3103-0.2138i	0.0476+0.2693i	0.0015+0.1195i	2.2692-0.2815i	0.3265-0.0232i	0.2353+0.3881i
50.7	0.0173+0.1703i	-0.0547+0.0584i	-1.3436-0.2259i	0.0821+0.2504i	-0.0092+0.1244i	2.5385-0.2759i	0.2885-0.1288i	0.1582+0.2876i
50.8	0.0400+0.1545i	-0.1176+0.0012i	-1.4533-0.2248i	0.1011+0.2285i	0.0715+0.1150i	2.7433-0.4429i	0.3742-0.1277i	0.2946+0.3181i
50.9	-0.0740+0.0982i	-0.1586+0.0046i	-1.4731-0.4438i	-0.0083+0.1671i	0.0132+0.1712i	2.7599-0.3010i	0.3633+0.0605i	0.2560+0.5489i
51.0	-0.1224+0.1809i	-0.1611-0.0126i	-1.6518-0.4373i	-0.0313+0.2322i	0.0752+0.1657i	2.9122-0.3901i	0.4573+0.0224i	0.3904+0.5942i
51.1	-0.1168+0.2194i	-0.1755-0.0381i	-1.7887-0.3930i	-0.0202+0.2556i	0.1216+0.1819i	3.1526-0.5290i	0.4842-0.0841i	0.4486+0.6108i
51.2	-0.0565+0.1710i	-0.2128+0.0296i	-1.8663+0.1016i	0.0677+0.2110i	0.1291+0.0968i	3.1049-1.5576i	0.4972-0.3963i	0.5880+0.4891i
51.3	-0.0980+0.0799i	-0.1727+0.0755i	-1.4846+0.2587i	0.0371+0.1125i	0.0885+0.0538i	2.2047-1.6788i	0.3206-0.4375i	0.5745+0.3092i
51.4	-0.1154+0.1204i	-0.1375+0.0674i	-1.2453-0.0194i	0.0037+0.1324i	0.0632+0.0266i	1.8753-1.0753i	0.1980-0.3122i	0.4308+0.2679i
51.5	-0.0465+0.2087i	-0.1214-0.0011i	-1.2615-0.4265i	0.0809+0.1982i	0.0095+0.0903i	2.3350-0.3614i	0.2123-0.1011i	0.2134+0.4062i
51.6	0.1158+0.2022i	-0.1824-0.0323i	-1.5814-0.5815i	0.2295+0.1874i	0.0460+0.1395i	3.1824-0.3052i	0.3899-0.0842i	0.2989+0.5711i
51.7	0.1274+0.1360i	-0.2064-0.0076i	-1.7710-0.5290i	0.2584+0.1485i	-0.0001+0.1587i	3.5382-0.6523i	0.3921-0.1591i	0.3039+0.6545i
51.8	0.0837+0.0973i	-0.2890+0.0180i	-2.1228-0.4540i	0.1794+0.1266i	0.0270+0.0865i	3.8085-0.9464i	0.6036-0.2910i	0.6508+0.6603i
51.9	0.1190+0.1345i	-0.3166+0.0154i	-2.1565-0.2696i	0.2042+0.1249i	0.1098+0.0970i	3.6938-1.2770i	0.6346-0.3130i	0.8295+0.5925i
52.0	0.1354+0.1653i	-0.3322-0.0449i	-2.1403-0.2790i	0.2342+0.1237i	0.0693+0.0598i	3.7378-1.0154i	0.5461-0.3933i	0.7436+0.5854i
52.1	0.0637+0.2397i	-0.4215+0.0061i	-2.3816-0.2635i	0.1767+0.1731i	0.0344+0.0780i	4.1460-1.3337i	0.4483-0.4738i	0.8502+0.7583i
52.2	0.1239+0.1508i	-0.4735+0.1780i	-2.4376+0.0264i	0.1952+0.1064i	0.0821+0.0414i	3.9669-2.3018i	0.4387-0.5595i	1.1716+0.5585i
52.3	0.2158+0.2052i	-0.4135+0.2233i	-2.3677+0.0660i	0.2592+0.1674i	0.0681+0.0597i	3.6871-2.1748i	0.3814-0.4964i	1.1484+0.4540i
52.4	0.2075+0.2448i	-0.3692+0.1861i	-2.3464-0.0045i	0.2867+0.2017i	0.0413+0.0942i	3.5999-1.7564i	0.3278-0.4772i	1.0239+0.4675i
52.5	0.1195+0.1623i	-0.3164+0.3424i	-2.3797-0.1036i	0.2409+0.1791i	0.0281+0.1212i	3.7038-1.5292i	0.3882-0.5966i	0.9989+0.3693i
52.6	0.0739+0.0851i	-0.1529+0.2716i	-2.4297-0.2411i	0.2723+0.0566i	0.0861+0.2108i	3.8023-1.6802i	0.2464-0.4398i	1.0064+0.7051i
52.7	0.2530+0.1621i	-0.1054+0.1805i	-2.4479+0.2637i	0.4484+0.0651i	0.0250+0.1694i	3.7399-2.4784i	0.1458-0.5902i	0.9713+0.5297i
52.8	0.3339+0.1364i	-0.1229+0.1147i	-2.3875+0.2805i	0.4784+0.0522i	-0.0160+0.0572i	3.7662-2.1492i	0.1935-0.6913i	0.9017+0.3779i
52.9	0.2353+0.0808i	-0.2237+0.0298i	-2.8278-0.1180i	0.3817-0.0095i	0.0170+0.1170i	4.5556-1.7201i	0.3455-0.5674i	1.2008+0.7043i
53.0	0.1411-0.0387i	-0.2597+0.0282i	-3.0939+0.0284i	0.3140-0.1405i	0.0744+0.1431i	4.8470-2.3339i	0.4031-0.5563i	1.4456+0.7090i
53.1	-0.0841-0.0881i	-0.2708+0.0896i	-3.0648+0.4777i	0.1316-0.1595i	0.1036+0.0727i	4.4713-2.9823i	0.2348-0.7978i	1.4196+0.2646i
53.2	0.0345-0.0820i	-0.3355+0.1043i	-3.1291+0.7806i	0.2157-0.1597i	0.0861+0.0542i	4.7990-3.5646i	0.1709-0.9470i	1.5555+0.1203i
53.3	0.0111-0.1443i	-0.4014+0.0834i	-3.0690+0.8617i	0.1709-0.2485i	0.0807+0.1680i	4.7597-3.9301i	-0.0231-0.7579i	1.7425+0.1932i
53.4	-0.0389-0.0573i	-0.3775+0.2021i	-2.9458+0.9938i	0.1295-0.1430i	0.0781+0.1606i	4.3158-4.1945i	-0.1245-0.8533i	1.7512+0.0129i
53.5	0.0468+0.0110i	-0.2307+0.2145i	-2.8270+1.0965i	0.2546-0.0620i	0.0938+0.0842i	3.9197-4.1657i	-0.0313-0.8411i	1.6548-0.1585i
53.6	-0.0065+0.0713i	-0.2919+0.0700i	-2.9664+0.9144i	0.2020-0.0766i	0.1246+0.1398i	4.2278-3.6907i	0.1546-0.8103i	1.7680-0.0937i
53.7	-0.0605+0.0302i	-0.3486+0.0092i	-3.1554+0.9012i	0.1653-0.1746i	0.1268+0.1971i	4.5783-3.8410i	0.0867-0.8551i	1.8823-0.0509i
53.8	-0.2046+0.0677i	-0.4461+0.0112i	-3.3532+1.1067i	0.0076-0.1955i	0.1733+0.2088i	4.6867-4.3051i	-0.0123-0.8593i	2.0855-0.2097i
53.9	-0.1647+0.2378i	-0.5477+0.1435i	-3.2401+1.5276i	-0.0224-0.0529i	0.2280+0.1370i	4.5068-5.2409i	-0.2089-1.0036i	2.0834-0.5308i
54.0	-0.1289+0.3023i	-0.3818+0.2689i	-2.8033+1.4548i	0.0387+0.0220i	0.1187+0.1720i	3.4139-5.3997i	-0.4998-0.8777i	1.7360-0.5932i
54.1	-0.0678+0.1815i	-0.2817+0.0840i	-3.0940+1.2879i	0.1541-0.0957i	0.0776+0.2817i	3.8167-4.6962i	-0.3172-0.7619i	1.8206-0.4615i
54.2	-0.0697+0.0931i	-0.4741-0.0078i	-3.6349+1.6319i	0.1281-0.2416i	0.2873+0.3022i	4.7801-5.3794i	-0.1680-0.9280i	2.2602-0.6036i
54.3	-0.1873+0.1043i	-0.5840+0.0791i	-3.4495+2.1961i	-0.0359-0.2688i	0.3403+0.1889i	4.2066-6.4476i	-0.3489-1.1246i	2.2741-1.0545i
54.4	-0.0497+0.1942i	-0.6060+0.1043i	-3.3258+2.6003i	0.0669-0.2221i	0.2958+0.2169i	4.1281-7.0828i	-0.7894-1.1403i	2.2582-1.2240i
54.5	0.0231+0.2819i	-0.6095+0.1265i	-3.0187+2.7050i	0.0747-0.1721i	0.3402+0.3217i	3.4564-7.0507i	-0.8892-0.9775i	2.1064-1.2846i
54.6	-0.0079+0.2972i	-0.5792+0.1572i	-2.5592+2.5743i	-0.0124-0.0996i	0.3448+0.2276i	2.5681-6.4060i	-0.7330-0.8818i	1.7445-1.4368i
54.7	-0.0277+0.1219i	-0.6441+0.1123i	-2.6458+2.3723i	-0.0396-0.1899i	0.3649+0.2218i	2.9418-6.0737i	-0.6286-0.8751i	1.8260-1.4745i
54.8	0.0785+0.2683i	-0.7647+0.1779i	-2.9164+2.6384i	0.0367-0.0749i	0.4038+0.1165i	3.5070-6.5847i	-0.6792-0.8412i	1.9696-1.5848i
54.9	0.1305+0.3129i	-0.8672+0.3214i	-2.7693+3.2261i	0.0357-0.0488i	0.5628-0.0279i	3.0832-7.6259i	-0.8908-0.7967i	1.9598-2.0183i
55.0	0.0945+0.3019i	-0.8716+0.4091i	-2.4821+3.4181i	0.0003-0.0663i	0.5815-0.0402i	2.4171-7.9844i	-1.0445-0.6662i	1.7631-2.2125i
55.1	0.1209+0.3038i	-0.8359+0.4607i	-2.1005+3.3836i	0.0316-0.0663i	0.5781-0.0653i	1.7979-7.8834i	-1.1509-0.5791i	1.4663-2.2486i
55.2	0.2127+0.2260i	-0.8477+0.5464i	-1.9593+3.5253i	0.0957-0.1098i	0.4606-0.1429i	1.7673-8.1571i	-1.3170-0.4203i	1.3562-2.4454i
55.3	0.2095+0.1016i	-0.8342+0.5869i	-1.7326+3.5320i	0.0861-0.1922i	0.4470-0.1209i	1.4241-8.3066i	-1.3158-0.3797i	1.2730-2.4812i
55.4	0.1474+0.0414i	-0.7441+0.6846i	-1.2701+3.4457i	0.0436-0.2093i	0.4567-0.1856i	0.4492-8.1364i	-1.3066-0.2274i	0.9243-2.6030i
55.5	0.0690+0.2449i	-0.7448+0.6155i	-1.3109+2.9995i	-0.0194-0.1044i	0.5105-0.1930i	0.4703-7.2408i	-1.1542-0.1056i	0.8785-2.3641i
55.6	0.1011+0.3307i	-0.8168+0.6380i	-1.5769+3.0463i	-0.0153-0.0664i	0.4786-0.2255i	0.9091-7.3488i	-1.1208-0.0831i	0.8908-2.4392i
55.7	0.2032+0.3722i	-0.7596+0.7509i	-1.2648+3.2341i	0.0376-0.0257i	0.3664-0.2637i	0.3639-7.6710i	-1.3594+0.0482i	0.5646-2.5126i
55.8	0.2108+0.2989i	-0.7115+0.8385i	-0.8761+3.3828i	0.0336-0.0601i	0.2904-0.3292i	-0.1994-8.0249i	-1.4137+0.1103i	0.2831-2.6235i
55.9	0.2679+0.2961i	-0.6618+0.8620i	-0.7531+3.2558i	0.0476-0.0508i	0.2762-0.3770i	-0.6019-7.8026i	-1.1793+0.3047i	0.1391-2.6262i
56.0	0.2215+0.2265i	-0.5781+0.7944i	-0.5637+2.9917i	0.0716-0.0916i	0.1863-0.3501i	-0.8345-7.2080i	-1.0203+0.3659i	-0.0141-2.4738i

56.1	0.1861+0.2870i	-0.6486+0.7439i	-0.8100+2.7968i	0.0634-0.1153i	0.2114-0.2938i	-0.2145-6.8627i	-1.0814+0.2915i	0.0435-2.2705i
56.2	0.2030+0.3804i	-0.7271+0.8566i	-0.8176+2.9819i	-0.0233-0.0905i	0.2140-0.3202i	-0.4628-7.5044i	-1.0696+0.5734i	-0.0198-2.3529i
56.3	0.2655+0.3741i	-0.6493+0.9497i	-0.5247+3.1256i	-0.0101-0.0625i	0.1736-0.3516i	-1.0868-7.8270i	-1.0103+0.6542i	-0.2492-2.4484i
56.4	0.3396+0.3121i	-0.5861+0.9812i	-0.3464+3.0997i	0.0423-0.0709i	0.0996-0.3596i	-1.3908-7.7742i	-0.9298+0.6351i	-0.4235-2.4250i
56.5	0.3459+0.3073i	-0.5668+1.0247i	-0.1853+3.1203i	0.0483-0.0869i	-0.0121-0.3309i	-1.6698-7.8312i	-0.8274+0.7738i	-0.5549-2.3226i
56.6	0.3510+0.3829i	-0.5405+1.0441i	-0.1016+3.0699i	0.0175-0.0531i	0.0600-0.2643i	-2.0116-7.6541i	-0.6591+0.7876i	-0.6266-2.2606i
56.7	0.3388+0.3614i	-0.4956+1.0585i	0.0523+2.9386i	-0.0255-0.0435i	0.0900-0.2510i	-2.3462-7.3990i	-0.5767+0.7286i	-0.7158-2.1862i
56.8	0.3940+0.3121i	-0.4785+1.0958i	0.1930+2.8556i	-0.0181-0.0361i	0.0329-0.4081i	-2.6924-7.2403i	-0.4846+0.7329i	-0.8167-2.1324i
56.9	0.4329+0.3348i	-0.4491+1.0895i	0.2045+2.6529i	0.0087-0.0017i	-0.0155-0.3383i	-2.7600-6.7515i	-0.3739+0.7476i	-0.8575-2.0109i
57.0	0.4153+0.3438i	-0.3793+1.0912i	0.3391+2.4697i	0.0096+0.0205i	-0.0487-0.2877i	-3.0255-6.3210i	-0.3272+0.6239i	-0.9355-1.8797i
57.1	0.3733+0.2975i	-0.3731+1.0717i	0.4213+2.3394i	0.0001-0.0084i	-0.0374-0.3173i	-3.1698-6.0384i	-0.3210+0.6336i	-1.0264-1.7631i
57.2	0.3391+0.3597i	-0.4523+1.0108i	0.2207+2.1711i	-0.0086-0.0063i	-0.0597-0.2389i	-2.6823-5.8291i	-0.3212+0.7297i	-0.9566-1.7233i
57.3	0.4748+0.4082i	-0.4958+1.0679i	0.0258+2.1658i	0.0429+0.0097i	-0.0006-0.1422i	-2.2629-5.9713i	-0.3427+0.7433i	-0.9094-1.6917i
57.4	0.4772+0.3622i	-0.4389+1.1456i	0.2101+2.2032i	0.0307+0.0147i	-0.1554-0.1507i	-2.6616-6.0492i	-0.2473+0.6151i	-0.9823-1.6536i
57.5	0.5474+0.3764i	-0.4557+1.2640i	0.1884+2.3715i	0.0296+0.0223i	-0.1162-0.3101i	-2.7598-6.4423i	-0.1830+0.5850i	-1.1020-1.7522i
57.6	0.5569+0.3328i	-0.3946+1.3284i	0.3739+2.3423i	0.0178+0.0036i	-0.1720-0.2881i	-3.2042-6.4554i	-0.1652+0.5913i	-1.1581-1.6683i
57.7	0.5406+0.3212i	-0.3521+1.3447i	0.4881+2.2727i	-0.0035-0.0191i	-0.1791-0.2922i	-3.5458-6.3851i	-0.0680+0.5698i	-1.1703-1.5929i
57.8	0.5906+0.3016i	-0.3179+1.3000i	0.4205+2.1706i	0.0181-0.0421i	-0.1060-0.2372i	-3.5224-6.1473i	-0.0461+0.6663i	-1.2037-1.4390i
57.9	0.6154+0.2833i	-0.2951+1.2969i	0.4036+2.0280i	0.0367-0.0356i	-0.1747-0.2078i	-3.5876-5.8415i	-0.0806+0.5833i	-1.2207-1.4009i
58.0	0.6137+0.2440i	-0.2002+1.3536i	0.5583+1.9891i	0.0382-0.0178i	-0.2231-0.1823i	-3.8241-5.5760i	-0.0559+0.5215i	-1.2416-1.3498i
58.1	0.6647+0.2172i	-0.1232+1.3346i	0.6010+1.8542i	0.0681-0.0048i	-0.2215-0.1777i	-3.8402-5.2930i	-0.1179+0.5135i	-1.2819-1.2911i
58.2	0.6579+0.2392i	-0.0933+1.2070i	0.4919+1.6095i	0.0740-0.0233i	-0.1555-0.0762i	-3.6519-4.9134i	-0.0964+0.4375i	-1.1635-1.2077i
58.3	0.6667+0.2479i	-0.2664+1.1657i	0.3083+1.7047i	0.0567-0.0626i	-0.2369-0.1236i	-3.2307-5.1398i	-0.0488+0.4547i	-1.0992-1.2228i
58.4	0.7515+0.2046i	-0.3176+1.3516i	0.3654+1.8716i	0.0300-0.0495i	-0.2410-0.1488i	-3.5092-5.5133i	-0.0315+0.4943i	-1.2940-1.3028i
58.5	0.7637+0.2024i	-0.2274+1.4174i	0.4837+1.7125i	0.0414-0.0286i	-0.2065-0.0975i	-3.8281-5.1749i	0.0137+0.4316i	-1.3339-1.2166i
58.6	0.7350+0.2178i	-0.1246+1.4831i	0.6851+1.5619i	0.0375-0.0267i	-0.2776+0.0012i	-4.1663-5.0206i	0.0615+0.4105i	-1.2477-1.1470i
58.7	0.7358+0.1781i	-0.1332+1.5453i	0.7447+1.5907i	0.0211-0.0234i	-0.3129+0.0012i	-4.3188-5.0719i	0.1554+0.3870i	-1.2534-1.0935i
58.8	0.7786+0.1267i	-0.1280+1.5632i	0.6815+1.5462i	0.0262-0.0408i	-0.2754-0.0599i	-4.2886-4.7961i	0.1976+0.4175i	-1.2824-0.9004i
58.9	0.8370+0.1684i	-0.1106+1.5559i	0.5416+1.3823i	0.0523-0.0458i	-0.2424+0.0017i	-4.0791-4.5095i	0.0936+0.3994i	-1.3103-0.8883i
59.0	0.8206+0.1641i	-0.0086+1.5657i	0.6250+1.2306i	0.0416-0.0602i	-0.2196+0.0020i	-4.2133-4.2932i	0.1379+0.2819i	-1.2511-0.8875i
59.1	0.8283+0.1477i	0.0341+1.5838i	0.6128+1.2083i	0.0101-0.0725i	-0.1754-0.0383i	-4.2521-4.3984i	0.1588+0.1723i	-1.2058-0.9393i
59.2	0.8627+0.0994i	0.0413+1.6344i	0.5923+1.2137i	-0.0036-0.0620i	-0.2760-0.0921i	-4.2887-4.3958i	0.1321+0.2157i	-1.1409-0.9029i
59.3	0.9161+0.1027i	0.0160+1.6398i	0.4866+1.1731i	0.0055-0.0651i	-0.3095-0.0457i	-4.1506-4.3658i	0.0616+0.2392i	-1.1581-0.9242i
59.4	0.9524+0.0636i	0.0797+1.6663i	0.4219+1.1304i	0.0044-0.0569i	-0.2652+0.1288i	-4.1612-4.1567i	0.0335+0.1943i	-1.2227-0.9204i
59.5	0.9395+0.0511i	0.1706+1.6583i	0.4133+1.0871i	-0.0157-0.0594i	-0.0990+0.1975i	-4.2451-4.1209i	0.0840+0.1932i	-1.2218-0.9719i
59.6	1.0038-0.0176i	0.1447+1.6594i	0.2913+1.1077i	-0.0231-0.0642i	-0.1949+0.1535i	-4.1944-4.0649i	-0.0057+0.1886i	-1.3493-0.8645i
59.7	0.9759-0.0537i	0.1863+1.7491i	0.3493+1.1759i	-0.0303-0.0648i	-0.3309+0.0721i	-4.1861-4.2912i	0.0762+0.1773i	-1.2058-0.8012i
59.8	1.0048-0.0529i	0.1304+1.8402i	0.2997+1.0822i	-0.0585-0.0524i	-0.3271+0.1412i	-4.2483-4.2409i	0.0646+0.1904i	-1.2425-0.9175i
59.9	0.9840-0.0371i	0.2193+1.8666i	0.3194+0.9252i	-0.0722-0.0422i	-0.3120+0.2414i	-4.2292-3.9715i	0.0239+0.0672i	-1.1632-0.9950i
60.0	0.9687-0.0542i	0.3589+1.8314i	0.3035+0.8413i	-0.0557-0.0153i	-0.1493+0.2615i	-4.3730-3.6411i	-0.0519-0.0900i	-1.2792-0.9992i
60.1	1.0099-0.1459i	0.4311+1.8829i	0.1972+0.8939i	-0.0638-0.0166i	-0.0854+0.2359i	-4.3226-3.6468i	-0.1485+0.0323i	-1.4853-0.9313i
60.2	1.0158-0.1726i	0.4423+2.0016i	0.2450+0.8899i	-0.0712-0.0129i	-0.2205+0.2418i	-4.3862-3.7333i	-0.1054+0.0172i	-1.4205-0.9641i
60.3	1.0411-0.1761i	0.4844+2.0559i	0.2016+0.9251i	-0.0907-0.0033i	-0.2724+0.2469i	-4.3966-3.8593i	-0.1484+0.0585i	-1.4632-0.9351i
60.4	1.0803-0.2028i	0.5789+2.0140i	0.1100+0.9467i	-0.0896+0.0035i	-0.1116+0.2261i	-4.3151-3.8379i	-0.2295+0.1115i	-1.6074-0.8910i
60.5	1.0751-0.2227i	0.7020+2.0259i	0.1713+0.8655i	-0.0989+0.0298i	-0.1292+0.1769i	-4.4856-3.6559i	-0.2304+0.0416i	-1.6101-0.8999i
60.6	1.0879-0.2441i	0.7921+2.0169i	0.1414+0.8625i	-0.0644+0.0497i	-0.1849+0.2079i	-4.3330-3.6812i	-0.3331+0.0346i	-1.6217-0.8470i
60.7	1.0838-0.2881i	0.8590+2.0654i	0.2733+0.8477i	-0.0632+0.0525i	-0.2247+0.2791i	-4.6877-3.7278i	-0.2125+0.0505i	-1.5520-0.8656i
60.8	1.0541-0.3051i	0.9687+2.0310i	0.3008+0.7475i	-0.0820+0.0397i	-0.1987+0.4107i	-4.8730-3.6044i	-0.1600+0.0353i	-1.5550-0.8550i
60.9	1.0666-0.3444i	0.9948+2.0335i	0.3101+0.7282i	-0.0936+0.0281i	-0.1477+0.4131i	-4.9618-3.5518i	-0.1057+0.1631i	-1.5642-0.7337i
61.0	1.1311-0.3845i	1.0808+2.0856i	0.2041+0.7713i	-0.0786+0.0499i	-0.1166+0.4827i	-5.0020-3.6667i	-0.2728+0.2718i	-1.7686-0.6860i
61.1	1.1480-0.4157i	1.2649+2.0602i	0.0981+0.6774i	-0.0711+0.0620i	-0.0298+0.4412i	-5.0023-3.4046i	-0.3587+0.2439i	-1.9265-0.6313i
61.2	1.1265-0.4340i	1.3120+1.9647i	0.0549+0.6732i	-0.0715+0.0437i	0.0163+0.4418i	-4.8896-3.3553i	-0.4165+0.2970i	-1.9466-0.5045i
61.3	1.1378-0.4511i	1.3264+1.8797i	0.0462+0.7248i	-0.0816+0.0192i	0.0373+0.3853i	-4.9645-3.4880i	-0.3825+0.4459i	-1.9129-0.3429i
61.4	1.1570-0.4824i	1.4168+1.8592i	0.0350+0.6268i	-0.0974+0.0605i	0.0360+0.3521i	-5.1145-3.2979i	-0.3455+0.3032i	-1.8866-0.5388i
61.5	1.1807-0.5271i	1.5338+1.9648i	0.0603+0.5261i	-0.1053+0.0975i	-0.0116+0.4669i	-5.3194-3.1241i	-0.2740+0.2255i	-1.8818-0.5555i
61.6	1.1927-0.5584i	1.6083+1.8989i	-0.0220+0.4876i	-0.0742+0.1039i	0.0593+0.4525i	-5.1703-3.0439i	-0.4574+0.2536i	-2.0292-0.5141i
61.7	1.2119-0.6092i	1.7141+1.8426i	-0.1099+0.4771i	-0.0780+0.1175i	0.1955+0.4090i	-5.2325-2.8468i	-0.5526+0.4154i	-2.1501-0.3500i
61.8	1.2434-0.6437i	1.8435+1.8175i	-0.1515+0.4139i	-0.0811+0.1486i	0.2636+0.5123i	-5.4546-2.7454i	-0.5446+0.4456i	-2.2212-0.3343i
61.9	1.2609-0.6850i	1.8830+1.7999i	-0.1962+0.4467i	-0.0458+0.1633i	0.1847+0.5664i	-5.4344-2.8584i	-0.5650+0.4852i	-2.2725-0.4038i
62.0	1.2639-0.7586i	1.9421+1.8226i	-0.1898+0.3980i	-0.0453+0.1929i	0.1913+0.5549i	-5.5749-2.7865i	-0.4940+0.4834i	-2.1830-0.4172i
62.1	1.2370-0.8093i	2.0012+1.6955i	-0.1686+0.4211i	-0.0324+0.1677i	0.2488+0.5202i	-5.6557-2.6501i	-0.3899+0.6279i	-2.1144-0.1842i
62.2	1.2707-0.8699i	2.2027+1.6353i	-0.3078+0.3893i	0.0028+0.1678i	0.3991+0.5281i	-5.6919-2.4848i	-0.4465+0.7592i	-2.3717-0.0733i
62.3	1.2754-0.9132i	2.3311+1.5461i	-0.4510+0.3721i	0.0101+0.1987i	0.5039+0.4727i	-5.4527-2.3608i	-0.4786+0.8274i	-2.3346-0.0321i

62.4	1.2425-0.9760i	2.4111+1.4626i	-0.4290+0.3610i	0.0306+0.2155i	0.5325+0.4426i	-5.5432-2.1792i	-0.3587+0.7366i	-2.1637-0.0412i
62.5	1.2175-1.0667i	2.4976+1.4770i	-0.3942+0.3382i	0.0273+0.2236i	0.5711+0.4716i	-5.8368-2.1222i	-0.2080+0.7948i	-2.1144-0.0287i
62.6	1.2575-1.1620i	2.6542+1.5037i	-0.4520+0.3351i	0.0605+0.2145i	0.5205+0.5686i	-6.0671-2.1302i	-0.2160+0.9089i	-2.3210+0.0192i
62.7	1.2348-1.2118i	2.7694+1.4034i	-0.5331+0.3440i	0.0880+0.2054i	0.5938+0.5916i	-6.0812-2.1807i	-0.2498+0.9427i	-2.4165+0.1372i
62.8	1.1781-1.2066i	2.6525+1.1745i	-0.5455+0.3908i	0.0777+0.2021i	0.6450+0.4965i	-5.9072-2.2032i	-0.0759+1.0110i	-2.1487+0.1981i
62.9	1.1375-1.2860i	2.7144+0.9344i	-0.6390+0.3795i	0.0678+0.2024i	0.6976+0.3778i	-5.9114-1.7445i	0.1311+1.0007i	-2.0251+0.3981i
63.0	1.1597-1.3988i	2.8493+0.7632i	-0.8609+0.3888i	0.1121+0.2075i	0.7297+0.1877i	-5.8916-1.5734i	0.0371+0.8754i	-2.3394+0.3848i
63.1	1.1100-1.5247i	3.0225+0.8205i	-0.7901+0.3849i	0.1446+0.1921i	0.8327+0.3063i	-6.3193-1.6751i	0.2025+0.9099i	-2.3853+0.3253i
63.2	1.0713-1.5290i	3.0789+0.4129i	-1.0459+0.4051i	0.1811+0.1237i	1.0203+0.1817i	-6.1448-1.3344i	-0.1091+1.0287i	-2.7171+0.6447i
63.3	1.0515-1.6555i	3.0792+0.3577i	-1.0616+0.4922i	0.1669+0.1395i	1.0230+0.0445i	-6.2043-1.2897i	0.1754+1.0575i	-2.4389+0.7618i
63.4	0.9609-1.7287i	3.1401+0.2146i	-1.0428+0.5551i	0.2026+0.1282i	1.0823-0.0041i	-6.1975-1.2419i	0.2756+0.9274i	-2.3844+0.7393i
63.5	0.9487-1.8204i	3.1612+0.1719i	-1.1071+0.6582i	0.1922+0.1311i	1.0194-0.0604i	-6.2889-1.2110i	0.3786+0.9807i	-2.3153+0.8813i
63.6	0.9047-1.8427i	3.0840+0.0878i	-1.1652+0.7203i	0.2008+0.1211i	0.9761-0.1106i	-6.0913-1.2570i	0.3133+1.0512i	-2.3340+0.9786i
63.7	0.8168-1.9485i	3.2842-0.1676i	-1.2776+0.7337i	0.2517+0.0914i	1.1018-0.2362i	-6.2203-0.9998i	0.2349+0.9375i	-2.5935+1.0611i
63.8	0.7384-2.0143i	3.2642-0.2391i	-1.2006+0.7837i	0.2517+0.0783i	1.0812-0.2591i	-6.4891-0.9947i	0.3387+0.8794i	-2.4746+1.0179i
63.9	0.6178-2.0464i	3.2253-0.5428i	-1.2233+0.7887i	0.2321+0.0141i	1.0445-0.4893i	-6.5442-0.8380i	0.4636+0.8879i	-2.4103+1.0968i
64.0	0.5256-2.1291i	3.2723-0.7333i	-1.2558+0.8820i	0.2396+0.0027i	1.0089-0.5108i	-6.6445-0.6087i	0.6111+0.8324i	-2.3212+1.1612i
64.1	0.4142-2.1494i	3.2331-0.9293i	-1.2311+0.9545i	0.2478-0.0290i	0.9329-0.6398i	-6.5319-0.4589i	0.8156+0.7978i	-2.1063+1.2587i
64.2	0.3255-2.1407i	2.9352-1.0950i	-1.3160+1.0281i	0.2075-0.0583i	0.7378-0.8706i	-6.2979-0.2405i	0.9158+0.6230i	-1.9147+1.3782i
64.3	0.1828-2.1237i	2.7175-1.3598i	-1.3163+1.0319i	0.1539-0.0941i	0.7077-1.0139i	-6.4271+0.0738i	0.7529+0.4985i	-1.9575+1.3203i
64.4	0.0954-2.2199i	2.5854-1.4581i	-1.2804+1.1645i	0.1122-0.1201i	0.6083-1.0606i	-6.6945+0.0075i	0.8853+0.6336i	-1.8702+1.3926i
64.5	-0.0235-2.1687i	2.4495-1.6087i	-1.2772+1.1847i	0.0954-0.1792i	0.5536-1.0872i	-6.6092+0.1712i	0.8354+0.5682i	-1.7722+1.5646i
64.6	-0.1394-2.1586i	2.4602-1.7954i	-1.3246+1.2010i	0.0529-0.2231i	0.5692-1.2420i	-6.6159+0.5498i	0.9203+0.6357i	-1.8166+1.8622i
64.7	-0.2485-2.0832i	2.2799-1.9273i	-1.3765+1.2219i	-0.0820-0.2339i	0.4506-1.3212i	-6.4844+0.7785i	1.1434+0.6298i	-1.5773+1.9262i
64.8	-0.2991-2.0350i	2.1339-1.9756i	-1.3779+1.2701i	-0.1085-0.2529i	0.3892-1.2514i	-6.6465+0.8230i	1.1055+0.6534i	-1.6114+1.8354i
64.9	-0.3782-1.9879i	1.8937-1.9732i	-1.3494+1.3502i	-0.1773-0.2355i	0.2352-1.2292i	-6.5513+1.0009i	1.1670+0.6793i	-1.4823+1.9084i
65.0	-0.4792-1.9674i	1.6243-1.9736i	-1.4142+1.5316i	-0.2855-0.1706i	0.0649-1.3119i	-6.5179+1.3167i	1.2008+0.8664i	-1.3768+2.2479i
65.1	-0.5132-1.9526i	1.5720-2.0057i	-1.4809+1.6433i	-0.3091-0.1179i	-0.0352-1.3741i	-6.4583+1.4469i	1.1834+0.7827i	-1.3964+2.1995i
65.2	-0.5935-1.9014i	1.5763-2.1143i	-1.5045+1.6299i	-0.2880-0.0713i	-0.0485-1.2423i	-6.3794+1.7703i	1.0632+0.4441i	-1.4746+1.9836i
65.3	-0.6883-1.8252i	1.6235-2.1584i	-1.4038+1.5809i	-0.3116-0.0430i	0.0032-1.1514i	-6.4002+1.8226i	1.2857+0.4893i	-1.3305+1.8960i
65.4	-0.7015-1.7474i	1.5272-1.9926i	-1.3509+1.6551i	-0.3262+0.0145i	-0.0305-1.1219i	-6.4063+1.7345i	1.3391+0.7110i	-1.3743+2.0672i
65.5	-0.7332-1.6920i	1.2737-1.9681i	-1.4063+1.9010i	-0.3220+0.1355i	-0.2339-1.1393i	-6.1515+1.8880i	1.3910+0.6957i	-1.1943+2.2327i
65.6	-0.7618-1.6162i	1.0356-2.0427i	-1.3949+1.9771i	-0.3515+0.2108i	-0.4274-1.0925i	-5.9999+2.1759i	1.4867+0.5791i	-0.9520+2.2567i
65.7	-0.7227-1.5206i	0.8720-2.0911i	-1.4238+1.9937i	-0.3726+0.2409i	-0.4799-1.0467i	-5.7375+2.3218i	1.6307+0.4918i	-0.8568+2.2415i
65.8	-0.7545-1.5081i	0.7558-2.1389i	-1.3671+2.0925i	-0.3856+0.3332i	-0.5694-1.0910i	-5.6496+2.6201i	1.7948+0.3510i	-0.7470+2.2749i
65.9	-0.7260-1.5335i	0.6571-2.1114i	-1.3359+2.2122i	-0.4076+0.3532i	-0.5716-1.0971i	-5.6634+2.6478i	1.9700+0.3279i	-0.5391+2.5242i
66.0	-0.6971-1.4880i	0.4421-2.1108i	-1.3858+2.2832i	-0.3903+0.4677i	-0.6037-0.9758i	-5.3376+2.8217i	1.7504-0.0093i	-0.6489+2.3595i
66.1	-0.7664-1.5597i	0.3807-2.0754i	-1.2419+2.4619i	-0.3180+0.5500i	-0.6477-0.8886i	-5.4648+2.8401i	1.9710-0.0121i	-0.5743+2.3292i
66.2	-0.8475-1.5675i	0.2468-2.0942i	-1.1282+2.5428i	-0.2496+0.6209i	-0.6698-0.8261i	-5.3535+3.0782i	2.0153-0.2306i	-0.4521+2.1142i
66.3	-0.9217-1.5956i	0.0637-1.9036i	-1.0126+2.7372i	-0.1235+0.7304i	-0.8093-0.8203i	-5.0276+3.1933i	1.8759-0.5248i	-0.3883+2.2121i
66.4	-0.9711-1.5556i	0.0276-1.8443i	-0.9269+2.7106i	-0.0213+0.7598i	-0.8545-0.8069i	-4.9614+3.3335i	1.7292-0.7693i	-0.5832+2.1710i
66.5	-1.0362-1.5260i	-0.0127-1.8225i	-0.8003+2.7601i	0.0761+0.7644i	-0.9234-0.7735i	-4.9101+3.3117i	1.8077-0.7922i	-0.3762+2.2183i
66.6	-1.0363-1.4793i	-0.0866-1.7417i	-0.7168+2.7583i	0.1201+0.7461i	-1.0010-0.7383i	-4.7640+3.2788i	1.7863-0.7511i	-0.1918+2.2487i
66.7	-1.1007-1.3972i	-0.1665-1.6891i	-0.6440+2.7671i	0.2256+0.7201i	-1.0410-0.6312i	-4.5087+3.4392i	1.6332-0.9537i	-0.0838+2.1964i
66.8	-1.2024-1.3416i	-0.3104-1.6929i	-0.5807+2.7470i	0.3179+0.7367i	-1.0735-0.4643i	-4.2715+3.6716i	1.5331-1.1856i	-0.1556+2.1073i
66.9	-1.2106-1.3163i	-0.4041-1.5608i	-0.5691+2.7942i	0.3811+0.7194i	-1.0628-0.3873i	-4.0159+3.6326i	1.3199-1.0476i	-0.1954+2.3239i
67.0	-1.2536-1.2630i	-0.4961-1.5364i	-0.4183+2.8089i	0.4107+0.6194i	-1.1181-0.4023i	-3.9902+3.5478i	1.1076-0.7883i	-0.2419+2.6579i
67.1	-1.3109-1.1911i	-0.5645-1.4338i	-0.2655+2.8307i	0.5171+0.5950i	-1.1478-0.2710i	-3.7538+3.5133i	0.8426-0.9961i	-0.3200+2.4564i
67.2	-1.2931-1.1126i	-0.6300-1.3721i	-0.2900+2.7750i	0.5542+0.5568i	-1.2746-0.1861i	-3.6398+3.6852i	0.9259-1.1699i	-0.2385+2.3205i
67.3	-1.3062-1.0578i	-0.6945-1.3297i	-0.3315+2.8280i	0.6267+0.5025i	-1.2759-0.0320i	-3.3530+3.7490i	0.6466-1.2692i	-0.3346+2.2674i
67.4	-1.3701-0.9635i	-0.7308-1.1630i	-0.1550+2.8480i	0.7012+0.4055i	-1.1695+0.1205i	-3.1445+3.6878i	0.5547-1.2201i	-0.2757+2.2855i
67.5	-1.3648-0.9140i	-0.7723-1.0427i	-0.0634+2.8168i	0.7063+0.3559i	-1.2035+0.1004i	-3.0579+3.6368i	0.6408-0.9820i	-0.0621+2.3559i
67.6	-1.3598-0.8572i	-0.7725-0.8886i	0.0177+2.8468i	0.7359+0.3070i	-1.1813+0.2676i	-2.8910+3.4869i	0.7124-0.8974i	0.2322+2.3720i
67.7	-1.4122-0.7522i	-0.8700-0.7536i	0.0580+2.8058i	0.8323+0.2650i	-1.1315+0.4852i	-2.6187+3.4522i	0.2905-0.9385i	-0.0097+2.2338i
67.8	-1.4274-0.7398i	-0.9273-0.6923i	0.0201+2.8290i	0.8568+0.2565i	-1.1444+0.5386i	-2.5872+3.4817i	0.2358-0.9957i	0.0165+2.3824i
67.9	-1.4084-0.7055i	-0.9820-0.5586i	0.0156+2.8956i	0.8574+0.1972i	-1.1207+0.6433i	-2.4748+3.4115i	0.2171-0.5414i	-0.0861+2.7994i
68.0	-1.4379-0.5661i	-0.9302-0.4290i	0.1036+2.8589i	0.8914+0.0799i	-1.0615+0.7790i	-2.4596+3.5012i	0.2669-0.6189i	0.1082+2.6466i
68.1	-1.3994-0.4983i	-0.8636-0.2866i	0.1974+2.8466i	0.8669+0.0124i	-0.9686+0.8554i	-2.3202+3.3785i	0.3944-0.6262i	0.3655+2.7947i
68.2	-1.3905-0.4080i	-0.7773-0.2203i	0.3727+2.8316i	0.8642-0.0382i	-0.8224+0.9585i	-2.2237+3.4068i	0.6263-0.7373i	0.8895+2.5323i
68.3	-1.4190-0.3375i	-0.7192-0.2083i	0.4479+2.8054i	0.9237-0.1122i	-0.6280+1.0810i	-2.1865+3.4888i	0.6421-1.2797i	0.8628+1.9505i
68.4	-1.3417-0.3044i	-0.6522-0.0838i	0.5086+2.8915i	0.8763-0.2167i	-0.4919+1.0896i	-2.0106+3.2654i	0.6001-0.9891i	1.0354+2.3463i
68.5	-1.2515-0.2485i	-0.6339-0.0122i	0.5381+2.9559i	0.7975-0.3253i	-0.4077+1.0852i	-1.8468+3.1622i	0.3564-0.8212i	1.0527+2.4946i
68.6	-1.2143-0.2308i	-0.5981-0.0227i	0.5684+2.9091i	0.7565-0.3577i	-0.3031+1.0682i	-1.8201+3.2354i	0.1634-1.1852i	0.9412+2.1220i

68.7	−1.2070−0.2088i	−0.5263+0.0749i	0.6615+2.9256i	0.7514−0.4043i	−0.2097+1.0615i	−1.6659+2.9861i	0.2435−0.9112i	1.0130+2.1307i
68.8	−1.1690−0.1966i	−0.4313+0.1479i	0.7662+2.9520i	0.6881−0.4457i	−0.1109+1.0526i	−1.5618+2.7526i	0.1563−0.6123i	1.3020+2.3221i
68.9	−1.1634−0.1694i	−0.3843+0.1526i	0.8912+2.8064i	0.6497−0.4566i	−0.0199+1.0153i	−1.5261+2.7730i	0.1908−0.8177i	1.5308+1.9306i
69.0	−1.1262−0.1158i	−0.2890+0.1712i	0.9824+2.7366i	0.5835−0.4937i	0.0513+0.9497i	−1.5603+2.7855i	0.3702−1.0080i	1.6949+1.5293i
69.1	−1.0842−0.0980i	−0.2138+0.2446i	1.0928+2.7802i	0.5213−0.5570i	0.2007+0.8810i	−1.5075+2.6114i	0.4934−0.8303i	1.7887+1.8518i
69.2	−1.0342−0.0781i	−0.2069+0.2208i	1.1619+2.7400i	0.4621−0.5804i	0.2345+0.8808i	−1.4546+2.6775i	0.5152−0.6501i	1.6184+1.9100i
69.3	−0.9122−0.0617i	−0.1996+0.1845i	1.0900+2.7016i	0.3764−0.5728i	0.2599+0.8008i	−1.3626+2.5250i	0.1007−0.4498i	1.1105+2.0339i
69.4	−0.8738−0.0713i	−0.1920+0.1949i	1.1514+2.6772i	0.2980−0.5591i	0.3238+0.7706i	−1.2456+2.4839i	0.0301−0.4013i	1.1498+1.9417i
69.5	−0.8516−0.0638i	−0.1764+0.2000i	1.2460+2.5256i	0.2506−0.5213i	0.3753+0.7229i	−1.1048+2.4069i	−0.0510−0.3808i	1.1526+1.6994i
69.6	−0.8816−0.0689i	−0.0699+0.2207i	1.3714+2.4090i	0.2592−0.4858i	0.3534+0.7474i	−1.2270+2.3459i	0.3698−0.5266i	1.7281+1.3626i
69.7	−0.8462−0.0488i	−0.0401+0.2427i	1.3902+2.4439i	0.2345−0.5175i	0.3819+0.6838i	−1.2563+2.2064i	0.3871−0.1689i	1.5764+1.9263i
69.8	−0.7764−0.0174i	−0.0230+0.1831i	1.3314+2.3320i	0.2229−0.5384i	0.4011+0.6525i	−1.1500+2.2293i	0.1395−0.3128i	1.0599+1.6449i
69.9	−0.8174−0.0562i	0.0680+0.1705i	1.4975+2.2728i	0.2312−0.5215i	0.3429+0.5743i	−1.3580+2.2131i	1.0062−0.5303i	2.0469+1.3811i
70.0	−0.7537−0.0452i	0.0806+0.1527i	1.5072+2.2230i	0.1755−0.5278i	0.3866+0.5248i	−1.3462+2.1743i	1.1385−0.6348i	2.0023+1.2990i
70.1	−0.6976−0.0333i	0.0059+0.1336i	1.3739+2.2025i	0.1658−0.5656i	0.4863+0.5074i	−1.1895+2.0718i	0.3024−0.5146i	1.3085+1.5558i
70.2	−0.6576−0.0782i	−0.0091+0.1800i	1.3765+2.1862i	0.1211−0.5490i	0.4626+0.4225i	−1.1860+1.8985i	0.4063−0.4255i	1.4542+1.8339i
70.3	−0.6182−0.0999i	0.0286+0.1620i	1.4444+2.0828i	0.0686−0.5146i	0.4731+0.4143i	−1.2029+1.9487i	0.6949−0.5906i	1.6356+1.5823i
70.4	−0.6242−0.0497i	0.0403+0.1223i	1.4987+1.9897i	0.0279−0.5481i	0.4765+0.4421i	−1.2268+2.0219i	0.7971−0.8734i	1.7266+1.2239i
70.5	−0.5382−0.0922i	−0.0003+0.1422i	1.4288+1.9637i	−0.0344−0.5216i	0.5055+0.4485i	−1.1433+1.9970i	0.3060−0.8503i	1.1560+1.2858i
70.6	−0.5076−0.1555i	0.0276+0.1684i	1.3978+1.9651i	−0.0693−0.4693i	0.5110+0.4136i	−1.1387+1.9286i	0.2379−0.6202i	1.2883+1.5047i
70.7	−0.5506−0.1748i	0.0817+0.1942i	1.5156+1.9342i	−0.0953−0.4502i	0.5374+0.4192i	−1.2604+1.8894i	0.7816−0.7536i	2.0292+1.5023i
70.8	−0.5219−0.1933i	0.0603+0.1768i	1.4242+1.9282i	−0.1106−0.4428i	0.6620+0.4120i	−1.1697+1.8775i	0.4160−0.8724i	1.4035+1.4107i
70.9	−0.5082−0.2219i	0.0477+0.1803i	1.3742+1.9404i	−0.1322−0.4330i	0.6834+0.3424i	−1.1211+1.8056i	0.2256−0.6999i	1.2552+1.6758i
71.0	−0.5115−0.2358i	0.0689+0.1904i	1.3830+1.8957i	−0.1624−0.4016i	0.6572+0.3022i	−1.0824+1.7644i	0.3496−0.7984i	1.4251+1.6658i
71.1	−0.5501−0.2356i	0.0948+0.2160i	1.4211+1.8934i	−0.1287−0.3709i	0.6118+0.2898i	−1.1746+1.6607i	0.6997−0.8462i	1.7817+1.6105i
71.2	−0.5736−0.2527i	0.0961+0.2314i	1.3864+1.9316i	−0.1330−0.3594i	0.6240+0.2883i	−1.1698+1.6622i	0.4716−0.7806i	1.6718+1.6545i
71.3	−0.5910−0.2543i	0.1351+0.2251i	1.4152+1.8939i	−0.1624−0.3412i	0.7099+0.2719i	−1.1473+1.7187i	0.3047−0.9505i	1.8070+1.5533i
71.4	−0.5927−0.2183i	0.1655+0.1740i	1.4276+1.7988i	−0.1621−0.3382i	0.7339+0.2208i	−1.1691+1.7924i	0.0817−1.6096i	1.7491+0.9357i
71.5	−0.5649−0.1768i	0.1776+0.1731i	1.4706+1.8384i	−0.1981−0.3355i	0.7420+0.2374i	−1.2106+1.7439i	−0.0515−1.7111i	1.6191+0.8013i
71.6	−0.5298−0.2312i	0.1621+0.2292i	1.5560+1.9883i	−0.2553−0.3184i	0.7976+0.1582i	−1.2965+1.6024i	−0.0572−0.8724i	1.6912+1.7944i
71.7	−0.5460−0.2658i	0.1957+0.2483i	1.6425+1.9932i	−0.2601−0.2755i	0.8458+0.0801i	−1.2960+1.6482i	0.0977−0.8224i	1.9681+1.9959i
71.8	−0.5549−0.2159i	0.2231+0.2024i	1.6938+1.8693i	−0.2440−0.2369i	0.8436+0.0496i	−1.1863+1.7197i	0.1103−1.2002i	2.0713+1.3713i
71.9	−0.5177−0.1814i	0.2243+0.1414i	1.6719+1.7385i	−0.2736−0.2341i	0.8646+0.0399i	−1.1373+1.8022i	−0.3088−1.6807i	1.9413+0.8983i
72.0	−0.5028−0.1983i	0.2220+0.1554i	1.7082+1.7651i	−0.2862−0.2116i	0.8460−0.0137i	−1.1449+1.7452i	−0.3631−1.3309i	1.8543+1.1650i
72.1	−0.4812−0.2448i	0.2196+0.1818i	1.7572+1.7382i	−0.2749−0.1520i	0.8468−0.0599i	−1.1622+1.6361i	−0.0084−0.9156i	2.0825+1.3858i
72.2	−0.4989−0.2201i	0.2277+0.2021i	1.8480+1.6792i	−0.2904−0.1481i	0.8824−0.1279i	−1.1162+1.6380i	−0.2938−0.9696i	2.5046+1.3900i
72.3	−0.5092−0.2353i	0.2584+0.1868i	1.9233+1.5799i	−0.2722−0.1077i	0.8603−0.1897i	−1.1750+1.7596i	−0.0136−1.5106i	2.9255+1.0111i
72.4	−0.5066−0.2335i	0.2646+0.1458i	1.9182+1.5085i	−0.2710−0.0815i	0.8694−0.2330i	−1.1456+1.8332i	−0.1776−1.8979i	2.9470+0.5419i
72.5	−0.4899−0.2481i	0.2779+0.1312i	1.9221+1.4848i	−0.2864−0.0696i	0.8850−0.3059i	−1.1030+1.8308i	−0.3833−1.7196i	2.9434+0.5839i
72.6	−0.4610−0.2199i	0.2414+0.1112i	1.8771+1.4540i	−0.2574−0.0579i	0.8573−0.3475i	−0.8897+1.7284i	−1.3038−1.2781i	2.2297+0.3635i
72.7	−0.4897−0.3230i	0.2672+0.1793i	2.0216+1.4373i	−0.2548+0.0175i	0.7737−0.3759i	−1.0611+1.6949i	−0.5562−1.1143i	3.0801+0.7571i
72.8	−0.4910−0.2977i	0.2964+0.1213i	2.0564+1.3238i	−0.2105+0.0092i	0.7809−0.4037i	−1.1024+1.7270i	−0.1530−1.9732i	3.0934+0.0611i
72.9	−0.4969−0.2598i	0.3197+0.0544i	2.0337+1.2272i	−0.1503−0.0256i	0.8114−0.4197i	−1.0820+1.7803i	−0.1673−2.2608i	2.8178−0.9697i
73.0	−0.4326−0.3299i	0.2684+0.1480i	2.0407+1.3128i	−0.2157+0.0223i	0.8009−0.5431i	−1.0506+1.5805i	−0.2699−0.9352i	2.6546+0.4501i
73.1	−0.4468−0.3621i	0.2305+0.1654i	1.9982+1.2801i	−0.2244+0.0403i	0.6902−0.5995i	−0.8665+1.6011i	−0.9689−0.5133i	2.2249+0.7158i
73.2	−0.5026−0.3884i	0.2772+0.1568i	2.0969+1.1727i	−0.1799+0.0774i	0.6563−0.5994i	−0.9627+1.6568i	−0.2634−0.5456i	3.0442+0.2873i
73.3	−0.5022−0.3652i	0.2756+0.1094i	2.1210+1.0208i	−0.1553+0.0590i	0.5726−0.6166i	−0.9369+1.7258i	−0.1252−1.2069i	2.8314−0.1568i
73.4	−0.4795−0.3329i	0.2529+0.0736i	2.0962+0.9586i	−0.1886+0.0488i	0.6202−0.6974i	−0.7831+1.7374i	−1.0668−1.7054i	2.2901−0.6369i
73.5	−0.5044−0.3184i	0.2769+0.0701i	2.1118+0.8430i	−0.0985+0.0289i	0.5476−0.7122i	−0.8578+1.6944i	−0.9464−2.1931i	2.6282−1.2718i
73.6	−0.5155−0.4017i	0.2801+0.1169i	2.1083+0.8841i	−0.1089+0.0644i	0.5432−0.7507i	−0.8462+1.5995i	−0.7917−1.8404i	2.7745−0.4457i
73.7	−0.5399−0.3671i	0.3124+0.1169i	2.0933+0.8144i	−0.0744+0.0631i	0.4721−0.7313i	−0.8699+1.5361i	−0.6547−1.8249i	3.1472−0.8620i
73.8	−0.5505−0.3619i	0.3118+0.0960i	2.0241+0.6853i	−0.0545+0.0433i	0.4490−0.7732i	−0.8042+1.6040i	−0.9582−2.1637i	2.8110−1.3999i
73.9	−0.5298−0.4068i	0.2650+0.1332i	2.0219+0.7355i	−0.0592+0.0559i	0.3982−0.8451i	−0.7489+1.4542i	−1.3696−1.4379i	2.2607−0.4542i
74.0	−0.5449−0.4004i	0.2562+0.1057i	2.0402+0.6035i	−0.0742+0.0353i	0.3232−0.9058i	−0.7519+1.5276i	−1.5422−1.7003i	2.2783−0.7628i
74.1	−0.5675−0.3824i	0.2997+0.0990i	2.0698+0.5070i	−0.0857+0.0080i	0.3391−0.9044i	−0.7702+1.6026i	−1.4955−1.9815i	2.7055−1.3781i
74.2	−0.5706−0.4513i	0.3072+0.1657i	2.1419+0.5381i	−0.0871+0.0157i	0.3268−0.8715i	−0.9127+1.5035i	−0.5613−1.2836i	3.1470−0.5002i
74.3	−0.5634−0.4383i	0.3027+0.1494i	2.1028+0.4762i	−0.0841+0.0120i	0.2579−0.9214i	−0.8638+1.4799i	−0.8752−1.1821i	2.9786−0.6466i
74.4	−0.5319−0.4238i	0.2622+0.1418i	2.0196+0.3955i	−0.1002+0.0182i	0.1934−0.9316i	−0.7295+1.3956i	−1.9342−0.5678i	2.2705−0.7885i
74.5	−0.5342−0.4169i	0.2580+0.1087i	1.9887+0.3066i	−0.0845−0.0351i	0.1995−0.8704i	−0.7761+1.4719i	−1.9599−1.4347i	2.0147−1.4114i
74.6	−0.5521−0.3658i	0.2917+0.0541i	1.9941+0.1361i	−0.1063−0.0670i	0.1506−0.8308i	−0.7701+1.6547i	−2.0483−2.5981i	2.2176−2.5338i
74.7	−0.5765−0.3941i	0.2933+0.0825i	1.9582+0.0595i	−0.1408−0.0161i	0.1008−0.8716i	−0.6077+1.5997i	−2.1554−1.1317i	2.0996−2.2696i
74.8	−0.5773−0.4022i	0.3186+0.0727i	1.9064−0.0048i	−0.1354−0.0123i	0.0551−0.7670i	−0.6631+1.6187i	−1.9892−1.4446i	2.5039−2.7830i
74.9	−0.5917−0.4394i	0.3334+0.1247i	1.9527−0.0395i	−0.1274+0.0332i	−0.0289−0.7469i	−0.7391+1.4782i	−1.3554−0.8937i	3.1250−2.0188i

75.0	−0.6003−0.4635i	0.3026+0.1342i	1.9210−0.1406i	−0.1819+0.0505i	−0.0934−0.7989i	−0.6204+1.4528i	−1.6627+0.1662i	2.4830−1.6523i
75.1	−0.6290−0.4902i	0.3265+0.1550i	1.9559−0.2189i	−0.2039+0.0423i	−0.0804−0.8813i	−0.6129+1.4702i	−2.0817+0.3066i	2.7381−1.9218i
75.2	−0.5923−0.4734i	0.2512+0.1474i	1.8103−0.3076i	−0.2695+0.0288i	−0.0756−0.9358i	−0.3434+1.4828i	−3.5091+0.4226i	0.8673−2.1837i
75.3	−0.6156−0.4916i	0.2695+0.1530i	1.6931−0.3204i	−0.2203+0.0369i	−0.0724−0.7617i	−0.4374+1.4088i	−2.1819+0.2222i	1.4346−2.0988i
75.4	−0.6698−0.4574i	0.3432+0.1299i	1.7017−0.5370i	−0.2112+0.0566i	−0.1337−0.6812i	−0.4640+1.5194i	−1.6632−0.4763i	2.6349−2.8712i
75.5	−0.6054−0.4511i	0.2647+0.1095i	1.4901−0.6055i	−0.2501+0.0694i	−0.0435−0.7462i	−0.2615+1.4265i	−2.5955−0.3507i	1.1484−2.8202i
75.6	−0.6371−0.4939i	0.2460+0.1466i	1.4165−0.6669i	−0.2863+0.1260i	−0.0794−0.8359i	−0.1335+1.2605i	−3.0540+0.7123i	0.6355−2.2778i
75.7	−0.6131−0.5263i	0.2562+0.1809i	1.3710−0.6814i	−0.2967+0.1056i	−0.0883−0.8165i	−0.2136+1.1816i	−2.1123+1.2367i	1.1433−1.6242i
75.8	−0.6463−0.5571i	0.2806+0.2259i	1.3695−0.6208i	−0.2459+0.1759i	−0.1540−0.8550i	−0.3271+0.9394i	−1.2174+1.8051i	1.3925−0.7513i
75.9	−0.6461−0.5046i	0.2780+0.1692i	1.2097−0.6753i	−0.2268+0.1613i	−0.1503−0.7934i	−0.2863+0.9380i	−1.0231+1.1503i	1.1383−1.5699i
76.0	−0.5631−0.5362i	0.2209+0.1830i	0.9862−0.7017i	−0.2741+0.1991i	−0.1164−0.7455i	−0.1921+0.8167i	−1.9579+1.4981i	0.1394−1.4256i
76.1	−0.6438−0.5347i	0.2642+0.2098i	0.8824−0.8357i	−0.2920+0.2625i	−0.1571−0.7716i	−0.2194+0.7674i	−1.4848+1.2264i	0.5059−1.5077i
76.2	−0.7026−0.4882i	0.3159+0.1780i	0.8637−1.0145i	−0.2828+0.2573i	−0.2141−0.7861i	−0.3258+0.8878i	−0.5312+0.3187i	1.5742−2.6636i
76.3	−0.6512−0.5537i	0.2684+0.2124i	0.7705−0.8963i	−0.2956+0.2501i	−0.1726−0.7216i	−0.3242+0.6715i	−0.4559+1.5380i	1.0287−1.7630i
76.4	−0.6363−0.5873i	0.2461+0.2448i	0.4524−0.7589i	−0.2927+0.3484i	−0.1516−0.6920i	−0.2087+0.4225i	−0.7635+2.0005i	0.3288−1.3620i
76.5	−0.6574−0.5158i	0.2573+0.2313i	0.3491−0.7981i	−0.2691+0.3249i	−0.1880−0.6094i	−0.2072+0.3820i	−0.4771+1.5011i	0.5064−1.4885i
76.6	−0.7282−0.4890i	0.3574+0.2330i	0.3765−0.7768i	−0.2166+0.3447i	−0.3458−0.6219i	−0.5138+0.4296i	0.1616+1.3560i	1.6570−1.5358i
76.7	−0.6691−0.5543i	0.3041+0.2579i	0.1599−0.7160i	−0.2539+0.3796i	−0.2186−0.6983i	−0.5517+0.3055i	0.2051+1.4444i	1.4412−1.6378i
76.8	−0.6740−0.7006i	0.3161+0.3472i	0.0444−0.5519i	−0.2437+0.4723i	−0.2231−0.8105i	−0.7321+0.1247i	0.2400+1.6447i	1.4846−1.4104i
76.9	−0.6531−0.7018i	0.2850+0.3614i	−0.1203−0.5550i	−0.2468+0.4833i	−0.1981−0.8065i	−0.6885−0.0214i	−0.0077+1.4012i	0.5980−1.0839i
77.0	−0.6405−0.6280i	0.2722+0.2937i	−0.3124−0.5850i	−0.2079+0.4637i	−0.1609−0.7567i	−0.6303+0.0949i	−0.3341+0.7920i	0.4337−2.0102i
77.1	−0.5714−0.6632i	0.2192+0.3263i	−0.5599−0.4614i	−0.2223+0.4904i	−0.1825−0.7237i	−0.5583−0.0901i	−0.9978+1.0363i	−0.5087−1.2445i
77.2	−0.5457−0.6716i	0.1976+0.3532i	−0.6480−0.3098i	−0.2208+0.4952i	−0.1531−0.7488i	−0.6413−0.2626i	−0.7164+1.2998i	−0.4820−0.7348i
77.3	−0.7651−0.7799i	0.3320+0.4121i	−0.5659−0.2085i	−0.1631+0.5606i	−0.3502−0.8153i	−1.0546−0.2035i	0.2997+1.5661i	0.7148−1.1497i
77.4	−0.7249−0.8095i	0.3156+0.4327i	−0.7726−0.1089i	−0.1887+0.6284i	−0.3599−0.8184i	−1.0740−0.3067i	0.2377+0.8489i	0.5287−1.6373i
77.5	−0.7298−0.8456i	0.3683+0.4671i	−0.8199+0.1361i	−0.1366+0.7248i	−0.3410−0.8905i	−1.4119−0.2706i	0.6678+0.7357i	1.2777−1.7331i
77.6	−0.7801−0.8746i	0.3926+0.4768i	−0.7601+0.3212i	−0.0855+0.7337i	−0.3888−0.9230i	−1.5256−0.2495i	0.4480+0.4681i	1.1872−2.2401i
77.7	−0.8181−0.9378i	0.4226+0.5000i	−0.7954+0.5130i	−0.0203+0.7341i	−0.4867−0.9432i	−1.6364−0.2020i	0.5129+0.5005i	0.8115−1.9453i
77.8	−0.9352−1.0260i	0.4639+0.5635i	−0.8364+0.4943i	−0.0041+0.8273i	−0.5061−0.9976i	−1.9236−0.2975i	0.1487+0.1337i	0.3061−2.1965i
77.9	−1.0132−1.1829i	0.5115+0.6724i	−0.8494+0.8111i	0.0491+0.8957i	−0.5776−1.0796i	−2.2552−0.4677i	0.2434+0.3292i	0.7237−1.7220i
78.0	−0.9987−1.1734i	0.5333+0.6361i	−0.9081+0.8900i	0.0955+0.8814i	−0.5566−1.0493i	−2.3644−0.1277i	0.8635−0.0640i	1.5501−1.7935i
78.1	−1.0759−1.1763i	0.5828+0.6534i	−0.8150+0.9847i	0.1680+0.8710i	−0.6127−1.0354i	−2.4833−0.0406i	0.2261+0.5166i	0.8218−1.3287i
78.2	−1.0688−1.1072i	0.5596+0.5929i	−0.8712+1.1225i	0.1951+0.8070i	−0.5859−1.0166i	−2.2324+0.1632i	−0.2527−0.5621i	0.0578−2.4734i
78.3	−1.1831−1.1701i	0.6165+0.6233i	−0.7937+1.1872i	0.2471+0.8488i	−0.6306−1.0839i	−2.5152+0.1285i	−0.4838−0.2274i	0.2721−2.3179i
78.4	−1.3783−1.2207i	0.7352+0.6579i	−0.7560+1.3849i	0.3629+0.9028i	−0.8077−1.0522i	−2.7886+0.2423i	−0.6395+0.5386i	−0.0512−1.6743i
78.5	−1.4357−1.2924i	0.7481+0.6858i	−0.7392+1.8818i	0.4192+0.8623i	−0.7723−1.0068i	−2.6141+0.3311i	−0.6042+0.4663i	−0.2319−1.9897i
78.6	−1.4732−1.2612i	0.7742+0.6777i	−0.6690+1.9613i	0.4689+0.8469i	−0.8190−1.0013i	−2.6429+0.4658i	−0.7307+0.0313i	−0.4735−2.0308i
78.7	−1.6786−1.2784i	0.8653+0.6887i	−0.7064+2.0419i	0.5056+0.8678i	−0.9121−1.0002i	−2.7865+0.5820i	−0.5330−0.2423i	0.0291−2.3596i
78.8	−1.8629−1.1407i	0.9497+0.6382i	−0.3497+2.3170i	0.5581+0.8353i	−0.9748−0.9964i	−2.7308+0.6204i	−1.3930−0.4874i	−1.0486−2.9478i
78.9	−1.8751−1.1096i	0.9860+0.6212i	0.0483+2.6324i	0.6098+0.7800i	−0.9419−0.9059i	−2.8163+0.7186i	−0.6204−0.0154i	−0.3068−2.5798i
79.0	−1.9383−1.2398i	1.0765+0.6483i	0.4541+2.4858i	0.7895+0.7618i	−0.9990−0.9423i	−3.1263+1.1232i	−1.1289+0.0901i	−0.3295−2.8359i
79.1	−2.2089−1.2398i	1.1995+0.6240i	0.4578+2.2726i	0.8659+0.6923i	−1.1842−0.9522i	−3.2420+1.3945i	−1.3160+0.8869i	−0.8821−2.3527i
79.2	−2.3351−1.1183i	1.2172+0.5769i	0.1282+2.1964i	0.8025+0.6293i	−1.2426−0.9284i	−3.1232+1.3886i	−1.3734+1.0958i	−1.3735−1.9849i
79.3	−2.4795−1.0926i	1.2438+0.5803i	0.2311+2.3795i	0.7701+0.5908i	−1.2886−0.8435i	−3.0097+1.3512i	−0.5802+0.8225i	−0.8995−2.0025i
79.4	−2.4914−0.8445i	1.2624+0.4516i	0.4130+2.3802i	0.7698+0.5187i	−1.3141−0.6403i	−2.9258+1.6478i	−0.4926+0.6724i	−1.0961−2.0344i
79.5	−2.7176−0.6953i	1.3947+0.3921i	0.6014+2.4087i	0.7960+0.4725i	−1.4202−0.6606i	−3.2293+1.9070i	−0.1025+0.9614i	−0.6077−1.9266i
79.6	−2.7937−0.5426i	1.4285+0.3343i	0.7725+2.4312i	0.7972+0.4591i	−1.4377−0.6364i	−3.2632+2.0568i	0.2446+1.0076i	−0.2889−1.9943i
79.7	−2.8444−0.4171i	1.4421+0.2736i	0.9601+2.3458i	0.7883+0.4127i	−1.4462−0.4636i	−3.1981+2.1476i	0.4430+1.0546i	−0.4097−1.6962i
79.8	−2.9427−0.2158i	1.4978+0.1907i	1.1726+2.2556i	0.8264+0.3981i	−1.3790−0.3940i	−3.2270+2.3628i	−0.1924+1.1807i	−1.4050−1.4931i
79.9	−3.0762−0.0360i	1.6024+0.1090i	1.6016+2.2293i	0.8956+0.4088i	−1.4827−0.4504i	−3.3097+2.8353i	−0.0312+0.8963i	−1.4612−1.7544i
80.0	−2.9250+0.1256i	1.5278+0.0431i	1.5968+2.2832i	0.8427+0.3839i	−1.4551−0.3465i	−2.9269+2.7790i	−0.0023+0.5017i	−1.7575−1.8014i

2.1.102 Run 9 – IP270A10 – Accels 41–47

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	31.8169+0.0000i	20.2193+0.0000i	-9.1332+0.0000i	12.2791+0.0000i	15.2989+0.0000i	20.2291+0.0000i	11.9004+0.0000i
0.1	30.5067+0.7175i	20.4022-0.8246i	-8.9871-1.1325i	12.5397-1.6070i	14.9466-3.4191i	21.4770-2.0797i	11.2293-0.3576i
0.2	-8.0092+31.5144i	2.2276+10.0028i	5.9739+1.2840i	1.7240+6.4167i	5.9984+23.0561i	12.5338+18.5061i	27.7124+7.7746i
0.3	-0.9022+4.6474i	1.1516+2.4756i	1.4152+3.9702i	-1.1975+0.2249i	-0.5742-1.4777i	-2.4131+0.9761i	2.8640+3.5910i
0.4	-0.7851+0.0766i	-0.1884+0.3947i	0.0332+0.2556i	-0.2214-0.0879i	0.1802-0.2916i	-0.6711+0.0049i	0.3225+0.3008i
0.5	-0.3933-0.0509i	0.0675+0.1955i	-0.1414+0.0783i	-0.0861-0.1224i	0.0145-0.0012i	-0.0581+0.1999i	0.0214+0.0020i
0.6	-0.1393+0.1198i	0.1381-0.0309i	0.1250+0.1752i	-0.0331-0.0679i	0.1084+0.0698i	0.0730+0.0705i	0.0474-0.0544i
0.7	0.1088+0.0122i	0.0956-0.0397i	0.0694+0.0894i	-0.0048+0.0430i	0.0700-0.0300i	0.0960+0.1169i	0.0929-0.0073i
0.8	0.0163-0.0164i	0.1556+0.0187i	0.0006+0.0056i	-0.0202+0.0142i	0.1384-0.0267i	0.0182+0.0270i	0.1309-0.0015i
0.9	-0.0202-0.0113i	0.1914-0.0100i	-0.0024+0.0008i	-0.0210+0.0087i	0.1718-0.0285i	0.0037-0.0016i	0.1625-0.0121i
1.0	0.0097+0.0035i	0.2706-0.0351i	-0.0052+0.0102i	-0.0121+0.0039i	0.2663-0.0376i	-0.0029-0.0168i	0.2263-0.0208i
1.1	0.0247+0.0045i	0.3374-0.0244i	0.0001+0.0088i	-0.0007+0.0040i	0.3324-0.0268i	0.0077-0.0074i	0.2848-0.0085i
1.2	0.0333-0.0064i	0.4059-0.0407i	-0.0081+0.0077i	-0.0086+0.0089i	0.3939-0.0401i	0.0134-0.0052i	0.3338-0.0216i
1.3	0.0438-0.0271i	0.5586-0.1235i	-0.0118+0.0075i	-0.0169+0.0198i	0.5394-0.1155i	0.0219-0.0028i	0.4529-0.0571i
1.4	0.0582-0.0552i	0.6860-0.2505i	-0.0171+0.0113i	-0.0188+0.0424i	0.6611-0.2327i	0.0277-0.0068i	0.5448-0.1157i
1.5	-0.0378-0.1315i	0.5939-0.5012i	-0.0057+0.0250i	0.0431+0.0841i	0.5862-0.4691i	0.0216-0.0201i	0.6585-0.1901i
1.6	-0.1471+0.0001i	0.6520-0.2242i	0.0070+0.0039i	0.1027+0.0107i	0.6613-0.2241i	0.0195-0.0053i	0.9346-0.2114i
1.7	-0.0814+0.1000i	1.0836-0.2821i	-0.0102-0.0074i	0.0652-0.0328i	1.0728-0.2947i	0.0359-0.0016i	1.1850-0.4546i
1.8	-0.0124+0.1199i	1.6819-0.8908i	-0.0317+0.0015i	0.0332-0.0161i	1.6405-0.8896i	0.0595-0.0220i	1.5756-1.0150i
1.9	0.0640+0.1208i	2.0377-1.8862i	-0.0458+0.0251i	0.0251+0.0190i	1.9758-1.8589i	0.0727-0.0522i	1.7735-1.8679i
2.0	0.1686+0.0878i	1.0499-3.2115i	-0.0378+0.0543i	0.0676+0.0611i	0.9996-3.1374i	0.0410-0.0991i	0.7822-2.9301i
2.1	0.2481-0.0252i	-1.4525-2.3671i	0.0039+0.0483i	0.2008+0.0129i	-1.4331-2.2945i	-0.0379-0.0739i	-1.3645-2.0261i
2.2	0.3631-0.1964i	-1.8324-1.5545i	0.0055+0.0472i	0.3547-0.1543i	-1.8012-1.4933i	-0.0594-0.0397i	-1.6146-1.2990i
2.3	0.2225-0.5403i	-1.7630-1.0313i	0.0149+0.0563i	0.2285-0.5185i	-1.7292-0.9811i	-0.0506-0.0038i	-1.5168-0.8842i
2.4	-0.2454-0.3590i	-1.6425-0.7402i	0.0425+0.0373i	-0.2374-0.3320i	-1.5951-0.7047i	-0.0208-0.0060i	-1.4232-0.6196i
2.5	-0.2605-0.1013i	-1.4661-0.5611i	0.0382+0.0180i	-0.2461-0.0724i	-1.4232-0.5365i	-0.0146-0.0155i	-1.2540-0.4453i
2.6	-0.1598-0.0304i	-1.3335-0.4386i	0.0280+0.0102i	-0.1376-0.0073i	-1.2963-0.4212i	-0.0148-0.0141i	-1.1169-0.3367i
2.7	-0.1250-0.0140i	-1.2836-0.3781i	0.0250+0.0097i	-0.0965+0.0094i	-1.2483-0.3648i	-0.0142-0.0124i	-1.0565-0.2863i
2.8	-0.1035-0.0135i	-1.2010-0.3285i	0.0226+0.0096i	-0.0751+0.0056i	-1.1690-0.3173i	-0.0108-0.0098i	-0.9749-0.2494i
2.9	-0.0911-0.0124i	-1.1246-0.2830i	0.0207+0.0078i	-0.0637+0.0030i	-1.0925-0.2723i	-0.0075-0.0087i	-0.8984-0.2128i
3.0	-0.0827-0.0101i	-1.0491-0.2435i	0.0177+0.0072i	-0.0573+0.0046i	-1.0176-0.2346i	-0.0054-0.0069i	-0.8249-0.1798i
3.1	-0.0778-0.0071i	-1.0236-0.2170i	0.0157+0.0062i	-0.0496+0.0050i	-0.9926-0.2091i	-0.0040-0.0061i	-0.7931-0.1573i
3.2	-0.0708-0.0047i	-1.0003-0.2033i	0.0138+0.0066i	-0.0410+0.0034i	-0.9714-0.1950i	-0.0014-0.0055i	-0.7642-0.1478i
3.3	-0.0644-0.0017i	-0.9588-0.1891i	0.0128+0.0065i	-0.0377+0.0042i	-0.9328-0.1809i	0.0015-0.0056i	-0.7205-0.1365i
3.4	-0.0583-0.0014i	-0.9338-0.1685i	0.0124+0.0056i	-0.0355+0.0025i	-0.9083-0.1607i	0.0035-0.0057i	-0.6918-0.1200i
3.5	-0.0540-0.0045i	-0.9146-0.1584i	0.0114+0.0051i	-0.0328+0.0019i	-0.8883-0.1515i	0.0046-0.0054i	-0.6660-0.1134i
3.6	-0.0523-0.0049i	-0.8976-0.1458i	0.0113+0.0042i	-0.0301+0.0017i	-0.8710-0.1396i	0.0072-0.0043i	-0.6427-0.1028i
3.7	-0.0505-0.0032i	-0.8744-0.1330i	0.0114+0.0033i	-0.0277+0.0013i	-0.8481-0.1274i	0.0128-0.0031i	-0.6141-0.0943i
3.8	-0.0493-0.0038i	-0.8614-0.1282i	0.0095+0.0039i	-0.0261+0.0013i	-0.8356-0.1235i	0.0150-0.0035i	-0.5945-0.0899i
3.9	-0.0480-0.0047i	-0.8518-0.1335i	0.0090+0.0047i	-0.0248+0.0007i	-0.8265-0.1285i	0.0177-0.0039i	-0.5764-0.0949i
4.0	-0.0479-0.0044i	-0.8508-0.1284i	0.0092+0.0046i	-0.0250+0.0013i	-0.8235-0.1232i	0.0199-0.0032i	-0.5666-0.0903i
4.1	-0.0481-0.0040i	-0.8444-0.1198i	0.0095+0.0046i	-0.0238+0.0024i	-0.8183-0.1154i	0.0236-0.0014i	-0.5504-0.0837i
4.2	-0.0478-0.0028i	-0.8357-0.1178i	0.0091+0.0048i	-0.0235+0.0022i	-0.8105-0.1122i	0.0260-0.0011i	-0.5334-0.0832i
4.3	-0.0485-0.0020i	-0.8253-0.1088i	0.0073+0.0049i	-0.0238+0.0019i	-0.7997-0.1034i	0.0281-0.0010i	-0.5148-0.0757i
4.4	-0.0469+0.0006i	-0.8151-0.1036i	0.0069+0.0063i	-0.0221+0.0047i	-0.7902-0.0984i	0.0309+0.0011i	-0.4983-0.0715i
4.5	-0.0432-0.0014i	-0.8047-0.1009i	0.0071+0.0052i	-0.0195+0.0027i	-0.7806-0.0955i	0.0360+0.0005i	-0.4788-0.0696i
4.6	-0.0426-0.0031i	-0.8003-0.0926i	0.0077+0.0034i	-0.0193-0.0001i	-0.7753-0.0881i	0.0415-0.0003i	-0.4617-0.0617i
4.7	-0.0434-0.0036i	-0.7959-0.0925i	0.0084+0.0032i	-0.0193-0.0009i	-0.7702-0.0876i	0.0451-0.0012i	-0.4469-0.0618i
4.8	-0.0439-0.0030i	-0.7903-0.0893i	0.0084+0.0038i	-0.0189-0.0006i	-0.7646-0.0838i	0.0496-0.0015i	-0.4299-0.0578i
4.9	-0.0446-0.0005i	-0.7872-0.0877i	0.0087+0.0042i	-0.0177+0.0021i	-0.7612-0.0831i	0.0544-0.0023i	-0.4131-0.0586i
5.0	-0.0428-0.0004i	-0.7808-0.0897i	0.0081+0.0040i	-0.0159+0.0024i	-0.7565-0.0853i	0.0582-0.0011i	-0.3969-0.0608i
5.1	-0.0417-0.0008i	-0.7792-0.0898i	0.0077+0.0044i	-0.0146+0.0023i	-0.7548-0.0853i	0.0627-0.0002i	-0.3843-0.0609i
5.2	-0.0403-0.0001i	-0.7702-0.0881i	0.0081+0.0035i	-0.0139+0.0023i	-0.7435-0.0840i	0.0693-0.0010i	-0.3618-0.0605i
5.3	-0.0421+0.0006i	-0.7690-0.0949i	0.0086+0.0037i	-0.0146+0.0026i	-0.7436-0.0905i	0.0750-0.0005i	-0.3456-0.0673i
5.4	-0.0412+0.0026i	-0.7730-0.0999i	0.0119+0.0071i	-0.0131+0.0041i	-0.7477-0.0947i	0.0817+0.0020i	-0.3379-0.0715i
5.5	-0.0374+0.0014i	-0.7720-0.1028i	0.0157+0.0069i	-0.0101+0.0017i	-0.7466-0.0977i	0.0899-0.0013i	-0.3228-0.0750i
5.6	-0.0377+0.0008i	-0.7706-0.1096i	0.0195+0.0064i	-0.0102+0.0002i	-0.7448-0.1031i	0.0982-0.0019i	-0.3055-0.0815i

5.7	-0.0359-0.0007i	-0.7772-0.1156i	0.0289+0.0033i	-0.0090-0.0024i	-0.7517-0.1094i	0.1122-0.0049i	-0.2978-0.0873i
5.8	-0.0341-0.0026i	-0.7847-0.1220i	0.0375+0.0040i	-0.0072-0.0044i	-0.7592-0.1169i	0.1236-0.0065i	-0.2912-0.0939i
5.9	-0.0311-0.0014i	-0.7948-0.1189i	0.0436+0.0091i	-0.0041-0.0025i	-0.7675-0.1126i	0.1335-0.0017i	-0.2838-0.0920i
6.0	-0.0307-0.0028i	-0.8160-0.1187i	0.0528+0.0066i	-0.0037-0.0041i	-0.7879-0.1121i	0.1476-0.0022i	-0.2854-0.0913i
6.1	-0.0313-0.0033i	-0.8183-0.1158i	0.0626+0.0039i	-0.0049-0.0048i	-0.7906-0.1092i	0.1608-0.0054i	-0.2709-0.0879i
6.2	-0.0296-0.0055i	-0.8237-0.1081i	0.0808+0.0028i	-0.0036-0.0071i	-0.7940-0.1037i	0.1836-0.0040i	-0.2578-0.0798i
6.3	-0.0281-0.0092i	-0.8404-0.1030i	0.1113-0.0014i	-0.0019-0.0092i	-0.8103-0.0978i	0.2202-0.0074i	-0.2506-0.0743i
6.4	-0.0277-0.0077i	-0.8458-0.1035i	0.1361-0.0150i	-0.0003-0.0100i	-0.8146-0.0969i	0.2491-0.0224i	-0.2371-0.0775i
6.5	-0.0238-0.0103i	-0.8519-0.0916i	0.1835-0.0340i	0.0037-0.0108i	-0.8194-0.0879i	0.3005-0.0417i	-0.2206-0.0699i
6.6	-0.0194-0.0124i	-0.8456-0.0893i	0.2533-0.0483i	0.0064-0.0125i	-0.8122-0.0844i	0.3773-0.0527i	-0.1950-0.0650i
6.7	-0.0114-0.0216i	-0.8487-0.0912i	0.3614-0.1513i	0.0148-0.0212i	-0.8139-0.0857i	0.4883-0.1544i	-0.1739-0.0669i
6.8	-0.0067-0.0449i	-0.8580-0.0789i	0.4627-0.4063i	0.0181-0.0419i	-0.8248-0.0745i	0.5917-0.4024i	-0.1615-0.0624i
6.9	-0.0258-0.0654i	-0.8651-0.0706i	0.2777-0.7148i	-0.0024-0.0601i	-0.8319-0.0688i	0.4171-0.7019i	-0.1472-0.0660i
7.0	-0.0705-0.0647i	-0.8638-0.0697i	-0.2636-0.7939i	-0.0397-0.0615i	-0.8319-0.0703i	-0.1039-0.7757i	-0.1343-0.0717i
7.1	-0.0882-0.0451i	-0.8675-0.0670i	-0.5213-0.5902i	-0.0541-0.0452i	-0.8366-0.0666i	-0.3467-0.5742i	-0.1246-0.0670i
7.2	-0.0821-0.0221i	-0.8694-0.0642i	-0.5120-0.2917i	-0.0504-0.0263i	-0.8385-0.0610i	-0.3255-0.2837i	-0.1029-0.0583i
7.3	-0.0771-0.0130i	-0.8705-0.0626i	-0.4666-0.1890i	-0.0455-0.0188i	-0.8388-0.0602i	-0.2736-0.1839i	-0.0825-0.0570i
7.4	-0.0703-0.0093i	-0.8731-0.0662i	-0.3946-0.1153i	-0.0390-0.0131i	-0.8393-0.0638i	-0.1944-0.1128i	-0.0623-0.0599i
7.5	-0.0653-0.0069i	-0.8763-0.0765i	-0.3391-0.0537i	-0.0371-0.0100i	-0.8413-0.0719i	-0.1286-0.0522i	-0.0364-0.0624i
7.6	-0.0620-0.0106i	-0.8829-0.0799i	-0.2783-0.0621i	-0.0329-0.0131i	-0.8491-0.0760i	-0.0625-0.0598i	-0.0167-0.0596i
7.7	-0.0600-0.0110i	-0.8911-0.0810i	-0.2325-0.0692i	-0.0298-0.0120i	-0.8585-0.0788i	-0.0087-0.0711i	0.0068-0.0691i
7.8	-0.0645-0.0100i	-0.9061-0.0741i	-0.2532-0.0797i	-0.0315-0.0096i	-0.8714-0.0724i	-0.0207-0.0816i	0.0222-0.0632i
7.9	-0.0661-0.0113i	-0.9147-0.0704i	-0.2638-0.0788i	-0.0316-0.0104i	-0.8781-0.0685i	-0.0193-0.0770i	0.0515-0.0545i
8.0	-0.0649-0.0110i	-0.9219-0.0733i	-0.2442-0.0757i	-0.0305-0.0108i	-0.8858-0.0697i	0.0122-0.0731i	0.0745-0.0572i
8.1	-0.0654-0.0110i	-0.9301-0.0679i	-0.2494-0.0911i	-0.0323-0.0093i	-0.8928-0.0625i	0.0169-0.0904i	0.0984-0.0572i
8.2	-0.0688-0.0092i	-0.9392-0.0644i	-0.2732-0.0994i	-0.0333-0.0091i	-0.9006-0.0585i	0.0028-0.0966i	0.1234-0.0525i
8.3	-0.0715-0.0077i	-0.9474-0.0655i	-0.2897-0.0723i	-0.0321-0.0079i	-0.9077-0.0617i	-0.0009-0.0704i	0.1560-0.0546i
8.4	-0.0722-0.0066i	-0.9557-0.0638i	-0.2814-0.0498i	-0.0344-0.0069i	-0.9155-0.0601i	0.0193-0.0513i	0.1870-0.0535i
8.5	-0.0689-0.0068i	-0.9638-0.0602i	-0.2620-0.0587i	-0.0330-0.0050i	-0.9226-0.0579i	0.0497-0.0596i	0.2172-0.0580i
8.6	-0.0680-0.0064i	-0.9679-0.0597i	-0.2530-0.0500i	-0.0310-0.0030i	-0.9257-0.0584i	0.0740-0.0511i	0.2484-0.0639i
8.7	-0.0685-0.0037i	-0.9685-0.0548i	-0.2415-0.0494i	-0.0287-0.0022i	-0.9243-0.0521i	0.0976-0.0505i	0.2852-0.0666i
8.8	-0.0673-0.0020i	-0.9712-0.0540i	-0.2171-0.0671i	-0.0278-0.0006i	-0.9275-0.0513i	0.1325-0.0658i	0.3163-0.0628i
8.9	-0.0679-0.0006i	-0.9828-0.0571i	-0.2295-0.0941i	-0.0292+0.0004i	-0.9401-0.0548i	0.1335-0.0930i	0.3481-0.0755i
9.0	-0.0676+0.0009i	-0.9945-0.0527i	-0.2664-0.1338i	-0.0266+0.0077i	-0.9504-0.0550i	0.1156-0.1269i	0.3881-0.0776i
9.1	-0.0660-0.0029i	-1.0021-0.0586i	-0.2935-0.1508i	-0.0242+0.0058i	-0.9564-0.0560i	0.1117-0.1419i	0.4349-0.0808i
9.2	-0.0637-0.0048i	-1.0044-0.0616i	-0.3104-0.1435i	-0.0246+0.0044i	-0.9582-0.0576i	0.1126-0.1379i	0.4745-0.0866i
9.3	-0.0623-0.0006i	-1.0145-0.0593i	-0.3430-0.1668i	-0.0221+0.0116i	-0.9678-0.0572i	0.0989-0.1618i	0.5114-0.1025i
9.4	-0.0588-0.0031i	-1.0246-0.0607i	-0.4090-0.1372i	-0.0115+0.0139i	-0.9794-0.0592i	0.0570-0.1344i	0.5519-0.1044i
9.5	-0.0596-0.0094i	-1.0347-0.0711i	-0.4601-0.1103i	-0.0053+0.0154i	-0.9885-0.0672i	0.0348-0.1089i	0.5993-0.1075i
9.6	-0.0654-0.0128i	-1.0475-0.0831i	-0.4530-0.0840i	-0.0020+0.0103i	-0.9950-0.0768i	0.0628-0.0919i	0.6583-0.1344i
9.7	-0.0710-0.0146i	-1.0583-0.0976i	-0.4464-0.0771i	-0.0016+0.0085i	-1.0036-0.0885i	0.0860-0.0842i	0.7070-0.1545i
9.8	-0.0749-0.0109i	-1.0707-0.1080i	-0.4509-0.0621i	0.0037+0.0106i	-1.0143-0.0987i	0.1052-0.0707i	0.7585-0.1821i
9.9	-0.0784-0.0106i	-1.0893-0.1140i	-0.4621-0.0508i	0.0142+0.0066i	-1.0281-0.1066i	0.1222-0.0644i	0.8015-0.2229i
10.0	-0.0828-0.0109i	-1.1264-0.1271i	-0.4863-0.0479i	0.0259+0.0032i	-1.0573-0.1204i	0.1364-0.0652i	0.8483-0.2711i
10.1	-0.0834-0.0166i	-1.1672-0.1501i	-0.5135-0.0525i	0.0347-0.0113i	-1.0911-0.1458i	0.1544-0.0765i	0.8919-0.3181i
10.2	-0.0874-0.0299i	-1.2023-0.1546i	-0.5338-0.0400i	0.0387-0.0370i	-1.1263-0.1586i	0.1731-0.0830i	0.9202-0.3556i
10.3	-0.0996-0.0294i	-1.2393-0.1427i	-0.5326-0.0004i	0.0297-0.0574i	-1.1636-0.1507i	0.1961-0.0821i	0.9186-0.4026i
10.4	-0.1148-0.0268i	-1.2723-0.1351i	-0.5348+0.0189i	0.0165-0.0675i	-1.1931-0.1504i	0.2134-0.0863i	0.9303-0.4276i
10.5	-0.1207-0.0121i	-1.2901-0.1317i	-0.5156+0.0267i	0.0014-0.0667i	-1.2135-0.1504i	0.2442-0.1046i	0.9513-0.4467i
10.6	-0.1226+0.0109i	-1.3262-0.1356i	-0.5155+0.0237i	-0.0078-0.0597i	-1.2516-0.1579i	0.2567-0.1317i	0.9688-0.4691i
10.7	-0.1218+0.0245i	-1.3636-0.1360i	-0.5231+0.0237i	-0.0120-0.0567i	-1.2912-0.1578i	0.2578-0.1542i	0.9817-0.4813i
10.8	-0.1132+0.0351i	-1.3887-0.1244i	-0.5135+0.0303i	-0.0111-0.0506i	-1.3192-0.1490i	0.2692-0.1683i	0.9916-0.4971i
10.9	-0.1023+0.0380i	-1.4364-0.1162i	-0.5221+0.0154i	-0.0090-0.0529i	-1.3663-0.1432i	0.2787-0.1853i	1.0274-0.4968i
11.0	-0.0849+0.0384i	-1.4638-0.1107i	-0.5195+0.0016i	-0.0018-0.0559i	-1.3954-0.1392i	0.2792-0.2038i	1.0359-0.4950i
11.1	-0.0662+0.0251i	-1.5049-0.0885i	-0.5283-0.0208i	0.0067-0.0644i	-1.4371-0.1187i	0.2778-0.2200i	1.0614-0.4764i
11.2	-0.0547+0.0071i	-1.5376-0.0848i	-0.5361-0.0535i	0.0103-0.0770i	-1.4741-0.1107i	0.2800-0.2413i	1.0894-0.4483i
11.3	-0.0589-0.0194i	-1.5646-0.0731i	-0.5775-0.0966i	-0.0010-0.0968i	-1.5017-0.0963i	0.2664-0.2717i	1.1578-0.4280i
11.4	-0.0737-0.0460i	-1.5908-0.0540i	-0.6283-0.1207i	-0.0162-0.1153i	-1.5262-0.0783i	0.2413-0.2849i	1.2150-0.3967i
11.5	-0.1039-0.0656i	-1.6263-0.0559i	-0.7051-0.1410i	-0.0415-0.1266i	-1.5609-0.0759i	0.2034-0.2948i	1.2825-0.3723i
11.6	-0.1461-0.0667i	-1.6842-0.0600i	-0.8114-0.1337i	-0.0797-0.1171i	-1.6176-0.0759i	0.1623-0.2677i	1.3975-0.3408i
11.7	-0.1691-0.0520i	-1.7420-0.0461i	-0.8781-0.1028i	-0.0946-0.1042i	-1.6728-0.0576i	0.1479-0.2320i	1.5016-0.3266i
11.8	-0.1874-0.0273i	-1.8064-0.0265i	-0.9302-0.0462i	-0.1003-0.0797i	-1.7299-0.0394i	0.1528-0.1842i	1.6186-0.3347i
11.9	-0.1954-0.0099i	-1.8648-0.0169i	-0.9622-0.0083i	-0.0948-0.0619i	-1.7820-0.0321i	0.1764-0.1466i	1.7343-0.3294i

12.0	-0.1996+0.0078i	-1.9573+0.0368i	-1.0034+0.0344i	-0.0794-0.0555i	-1.8725+0.0200i	0.2236-0.1220i	1.9140-0.3670i
12.1	-0.2051+0.0156i	-2.0306+0.0892i	-1.0398+0.0686i	-0.0703-0.0563i	-1.9398+0.0707i	0.2604-0.1120i	2.0674-0.4178i
12.2	-0.2063+0.0250i	-2.0661+0.1612i	-1.0481+0.1098i	-0.0649-0.0610i	-1.9686+0.1367i	0.2954-0.1154i	2.1649-0.5096i
12.3	-0.2085+0.0323i	-2.0629+0.2224i	-1.0393+0.1263i	-0.0616-0.0786i	-1.9625+0.1920i	0.3287-0.1309i	2.2300-0.5951i
12.4	-0.2292+0.0425i	-2.0893+0.2579i	-1.0672+0.1298i	-0.0701-0.0908i	-1.9841+0.2232i	0.3465-0.1366i	2.3099-0.6368i
12.5	-0.2421+0.0729i	-2.1260+0.3150i	-1.1160+0.1447i	-0.0831-0.0941i	-2.0146+0.2696i	0.3741-0.1287i	2.4369-0.6900i
12.6	-0.2466+0.1089i	-2.1842+0.3508i	-1.1818+0.1441i	-0.0932-0.1016i	-2.0686+0.2997i	0.4118-0.1192i	2.6114-0.7289i
12.7	-0.2355+0.1423i	-2.1973+0.3922i	-1.2251+0.1600i	-0.0983-0.1075i	-2.0901+0.3350i	0.4451-0.1124i	2.7184-0.7809i
12.8	-0.2068+0.1730i	-2.2051+0.4570i	-1.2807+0.2002i	-0.1136-0.1082i	-2.1034+0.3910i	0.4814-0.1144i	2.8146-0.8818i
12.9	-0.1675+0.1848i	-2.1856+0.4894i	-1.3235+0.2186i	-0.1338-0.1157i	-2.0878+0.4158i	0.5206-0.1223i	2.9003-0.9332i
13.0	-0.1291+0.1713i	-2.1757+0.4660i	-1.3772+0.2248i	-0.1545-0.1105i	-2.0854+0.3967i	0.5681-0.1263i	3.0073-0.9220i
13.1	-0.1125+0.1521i	-2.2339+0.4646i	-1.4753+0.2523i	-0.1784-0.1032i	-2.1475+0.3967i	0.6137-0.1413i	3.1899-0.9615i
13.2	-0.1057+0.1316i	-2.3008+0.4422i	-1.5815+0.2748i	-0.1968-0.0943i	-2.2228+0.3789i	0.6662-0.1466i	3.4261-0.9597i
13.3	-0.1103+0.1089i	-2.3763+0.4096i	-1.6753+0.3329i	-0.2060-0.0757i	-2.2923+0.3559i	0.7260-0.1613i	3.6806-1.0136i
13.4	-0.1149+0.0848i	-2.4849+0.3992i	-1.7948+0.3831i	-0.2186-0.0740i	-2.3952+0.3511i	0.7807-0.1846i	3.9713-1.0829i
13.5	-0.1222+0.0629i	-2.5858+0.3386i	-1.8983+0.4002i	-0.2243-0.0727i	-2.4852+0.2945i	0.8370-0.1840i	4.2477-1.0753i
13.6	-0.1544+0.0612i	-2.7745+0.3750i	-2.0485+0.5487i	-0.2472-0.0444i	-2.6581+0.3300i	0.9250-0.2018i	4.6565-1.2832i
13.7	-0.1849+0.0615i	-2.9579+0.4168i	-2.1414+0.6718i	-0.2663-0.0328i	-2.8370+0.3727i	1.0128-0.2330i	4.9703-1.4804i
13.8	-0.2222+0.0908i	-3.1576+0.5396i	-2.2142+0.8515i	-0.2729+0.0137i	-3.0343+0.4870i	1.1169-0.2868i	5.2958-1.7805i
13.9	-0.2399+0.0963i	-3.3220+0.5995i	-2.3109+0.8883i	-0.2711+0.0164i	-3.1915+0.5432i	1.1967-0.3341i	5.6191-1.8891i
14.0	-0.2732+0.1246i	-3.5751+0.8017i	-2.4956+1.1014i	-0.2912+0.0493i	-3.4333+0.7415i	1.2958-0.4262i	6.1357-2.3242i
14.1	-0.2908+0.1700i	-3.7915+1.0006i	-2.6370+1.3231i	-0.3014+0.0880i	-3.6310+0.9374i	1.4065-0.5034i	6.6375-2.7512i
14.2	-0.2885+0.2073i	-3.9212+1.1635i	-2.7133+1.4986i	-0.2866+0.1182i	-3.7517+1.0925i	1.5014-0.5871i	7.0001-3.1454i
14.3	-0.2917+0.2412i	-4.0468+1.3628i	-2.8075+1.7092i	-0.2839+0.1487i	-3.8728+1.2821i	1.5887-0.6962i	7.3581-3.6211i
14.4	-0.3102+0.2969i	-4.3901+1.6553i	-3.0619+2.0672i	-0.2957+0.1852i	-4.1919+1.5600i	1.7565-0.8626i	8.1465-4.4043i
14.5	-0.2960+0.3728i	-4.5031+2.0277i	-3.0955+2.5128i	-0.2815+0.2523i	-4.2965+1.9119i	1.8264-1.0441i	8.4242-5.3451i
14.6	-0.2432+0.4570i	-4.7014+2.5012i	-3.1023+3.1665i	-0.2257+0.3347i	-4.4849+2.3572i	1.9436-1.2973i	8.8132-6.6653i
14.7	-0.1702+0.5386i	-4.5706+2.8849i	-2.8091+3.6489i	-0.1531+0.4233i	-4.3653+2.7216i	1.9025-1.4400i	8.4407-7.5992i
14.8	0.0402+0.5336i	-4.2645+3.2194i	-1.9241+3.9032i	0.0741+0.4063i	-4.0828+3.0499i	1.8355-1.5686i	7.4377-8.3035i
14.9	0.1834+0.4480i	-4.1790+3.3941i	-1.3990+3.7725i	0.2360+0.3135i	-4.0112+3.2219i	1.9198-1.6697i	7.1448-8.4764i
15.0	0.1871+0.3100i	-4.5244+3.3258i	-1.5424+3.4297i	0.2542+0.1541i	-4.3322+3.1676i	2.1988-1.7808i	8.0735-8.3932i
15.1	0.1741+0.2000i	-5.0638+3.5399i	-1.8955+3.3059i	0.2481+0.0111i	-4.8321+3.3688i	2.5865-2.0295i	9.3903-8.9743i
15.2	0.1411+0.1002i	-5.5124+4.1390i	-2.2620+3.4678i	0.2120-0.1204i	-5.2427+3.9518i	2.9236-2.5011i	10.5847-10.3433i
15.3	0.0879+0.0681i	-5.8465+5.4267i	-2.5767+4.2053i	0.1402-0.1864i	-5.5395+5.1706i	3.1208-3.4003i	11.4812-13.4301i
15.4	0.0192+0.0564i	-6.0673+7.0346i	-2.7948+5.2666i	0.0397-0.2347i	-5.7234+6.6964i	3.2058-4.5923i	12.0171-17.4665i
15.5	-0.1069+0.0973i	-5.2616+9.6055i	-2.2821+7.0566i	-0.1155-0.2380i	-4.9399+9.1147i	2.4504-6.3738i	9.8299-23.8742i
15.6	-0.1215+0.2234i	-2.6641+11.3763i	-0.4664+8.3501i	-0.1981-0.1405i	-2.4759+10.7638i	0.5372-7.4211i	3.1771-28.1293i
15.7	-0.0701+0.3180i	1.0605+10.6987i	2.2426+7.9121i	-0.2238+0.0044i	1.0471+10.0892i	-2.0298-6.7575i	-6.1686-26.3422i
15.8	-0.0880+0.3446i	2.6865+9.7445i	3.4973+7.2475i	-0.2710+0.0544i	2.5683+9.1605i	-3.3062-6.0243i	-10.5203-23.9272i
15.9	-0.0633+0.4555i	4.4591+7.9770i	4.7997+5.9182i	-0.2864+0.2217i	4.2191+7.4783i	-4.5576-4.4664i	-15.0667-19.0218i
16.0	-0.0461+0.4433i	4.3597+6.3965i	4.9195+4.6257i	-0.2685+0.2272i	4.1175+5.9798i	-4.4830-3.2832i	-15.0425-14.7693i
16.1	-0.0252+0.4608i	4.1347+5.6208i	4.8891+3.9081i	-0.2426+0.2567i	3.8956+5.2389i	-4.3307-2.6315i	-14.6196-12.5083i
16.2	0.0680+0.4550i	3.9414+4.8641i	4.8185+3.1174i	-0.1409+0.2682i	3.7003+4.5260i	-4.0169-1.9906i	-13.9431-10.1634i
16.3	0.0914+0.4951i	3.8115+4.4085i	4.6678+2.5531i	-0.1218+0.3149i	3.5663+4.0966i	-3.8742-1.4952i	-13.3572-8.5318i
16.4	0.1270+0.5395i	3.6950+4.1238i	4.4573+2.2193i	-0.0909+0.3603i	3.4433+3.8269i	-3.7125-1.1253i	-12.6820-7.5417i
16.5	0.2174+0.5592i	3.6006+3.7996i	4.2554+1.8892i	-0.0059+0.3953i	3.3461+3.5272i	-3.4252-0.7184i	-11.9567-6.5831i
16.6	0.3248+0.5000i	3.6209+3.6803i	4.1726+1.6016i	0.0905+0.3422i	3.3500+3.4194i	-3.1047-0.5753i	-11.5668-6.2253i
16.7	0.3711+0.3778i	3.4805+3.4966i	3.9368+1.2790i	0.1367+0.2244i	3.2198+3.2599i	-2.7813-0.5867i	-10.8703-5.8748i
16.8	0.3779+0.2513i	3.5929+3.1908i	3.6802+0.9892i	0.1372+0.1173i	3.3316+2.9810i	-2.6260-0.6046i	-10.6268-5.3420i
16.9	0.3434+0.2696i	3.7617+2.7257i	3.5591+0.8427i	0.0883+0.1598i	3.4921+2.5426i	-2.7267-0.3366i	-10.8017-4.4841i
17.0	0.3697+0.2663i	3.5949+2.4888i	3.4353+0.7570i	0.1228+0.1683i	3.3308+2.3181i	-2.5322-0.1429i	-10.3670-4.0845i
17.1	0.4232+0.1598i	3.5399+2.3462i	3.3621+0.6204i	0.1776+0.0661i	3.2718+2.1824i	-2.1605-0.1257i	-10.1118-3.9001i
17.2	0.2839+0.0997i	3.5111+2.0276i	3.1793+0.5136i	0.0303+0.0177i	3.2502+1.8889i	-2.2042-0.2850i	-10.0793-3.4399i
17.3	0.2299+0.1447i	3.3532+1.7600i	3.0902+0.4501i	-0.0191+0.0780i	3.1002+1.6371i	-2.2607-0.2193i	-9.8220-2.9144i
17.4	0.2773+0.1394i	3.1792+1.5797i	3.0806+0.3028i	0.0310+0.0857i	2.9336+1.4697i	-2.1922-0.1257i	-9.4999-2.4753i
17.5	0.2383+0.1008i	3.0263+1.4827i	2.9421+0.1499i	-0.0049+0.0563i	2.7936+1.3799i	-2.1909-0.0843i	-9.1897-2.2134i
17.6	0.2220+0.1506i	2.9377+1.4265i	2.8644+0.1392i	-0.0184+0.1112i	2.7092+1.3232i	-2.1747+0.0419i	-9.0240-2.0261i
17.7	0.2700+0.1771i	2.8152+1.3101i	2.8326+0.0218i	0.0366+0.1501i	2.5904+1.2143i	-2.0531+0.2080i	-8.7329-1.6131i
17.8	0.2765+0.1330i	2.7195+1.2560i	2.7206-0.1482i	0.0461+0.1151i	2.5011+1.1676i	-1.9645+0.2550i	-8.4228-1.3766i
17.9	0.2787+0.1416i	2.6910+1.2262i	2.5673-0.2470i	0.0558+0.1303i	2.4747+1.1400i	-1.8841+0.3670i	-8.2170-1.1769i
18.0	0.2539+0.1725i	2.6434+1.1712i	2.3689-0.2461i	0.0408+0.1680i	2.4277+1.0880i	-1.8014+0.4732i	-7.9321-1.0422i
18.1	0.2882+0.1743i	2.6269+1.0766i	2.2934-0.2618i	0.0803+0.1737i	2.4083+0.9986i	-1.6496+0.5572i	-7.7262-0.8153i
18.2	0.3333+0.1595i	2.5829+1.0061i	2.2438-0.2716i	0.1330+0.1602i	2.3647+0.9294i	-1.4669+0.5903i	-7.4780-0.6738i

18.3	0.3493+0.1222i	2.5297+0.9416i	2.1801-0.2884i	0.1538+0.1242i	2.3102+0.8721i	-1.3260+0.5495i	-7.2346-0.6076i
18.4	0.3923+0.1071i	2.4761+0.8910i	2.2051-0.2741i	0.1977+0.1047i	2.2541+0.8267i	-1.1936+0.5284i	-7.0853-0.5765i
18.5	0.4285+0.0113i	2.4048+0.8611i	2.2693-0.4410i	0.2281+0.0091i	2.1830+0.8039i	-1.0574+0.3966i	-6.9495-0.5331i
18.6	0.3416-0.1199i	2.3614+0.8472i	2.1037-0.7769i	0.1374-0.1078i	2.1467+0.7980i	-1.0920+0.2283i	-6.8296-0.3707i
18.7	0.1974-0.0679i	2.3227+0.8234i	1.6651-0.7835i	0.0130-0.0460i	2.1172+0.7744i	-1.1740+0.3101i	-6.4972-0.1957i
18.8	0.2088+0.0034i	2.3424+0.7724i	1.5315-0.6569i	0.0329+0.0225i	2.1312+0.7226i	-1.0919+0.4214i	-6.3580-0.0867i
18.9	0.2072+0.0134i	2.2966+0.7067i	1.4042-0.5386i	0.0383+0.0265i	2.0849+0.6636i	-0.9723+0.3651i	-6.0673-0.1110i
19.0	0.1953+0.0125i	2.2607+0.6675i	1.3171-0.4706i	0.0288+0.0246i	2.0518+0.6326i	-0.9273+0.3003i	-5.8900-0.1407i
19.1	0.1923+0.0237i	2.2240+0.6544i	1.2680-0.3650i	0.0257+0.0299i	2.0154+0.6198i	-0.8990+0.2382i	-5.7647-0.2238i
19.2	0.2028+0.0225i	2.2260+0.6009i	1.2680-0.3226i	0.0338+0.0257i	2.0151+0.5711i	-0.8867+0.2029i	-5.7288-0.1823i
19.3	0.2201+0.0275i	2.2474+0.5762i	1.2853-0.2898i	0.0463+0.0306i	2.0331+0.5510i	-0.8795+0.1875i	-5.7265-0.1434i
19.4	0.2157+0.0281i	2.2237+0.5728i	1.2573-0.2490i	0.0414+0.0306i	2.0117+0.5512i	-0.8774+0.1562i	-5.5903-0.1825i
19.5	0.2218+0.0213i	2.2315+0.5518i	1.2545-0.2616i	0.0442+0.0267i	2.0202+0.5361i	-0.8697+0.1566i	-5.4996-0.1030i
19.6	0.2285+0.0203i	2.2635+0.5385i	1.2411-0.2638i	0.0478+0.0293i	2.0524+0.5273i	-0.8623+0.1676i	-5.4404-0.0486i
19.7	0.2228+0.0140i	2.2891+0.5055i	1.1927-0.2497i	0.0445+0.0246i	2.0778+0.4956i	-0.8351+0.1573i	-5.2964-0.0482i
19.8	0.2174+0.0096i	2.2879+0.4750i	1.1575-0.2231i	0.0420+0.0200i	2.0803+0.4648i	-0.8050+0.1282i	-5.1721-0.1172i
19.9	0.2197+0.0098i	2.3226+0.4413i	1.1331-0.2032i	0.0452+0.0185i	2.1133+0.4333i	-0.7792+0.1006i	-5.1195-0.1524i
20.0	0.2319-0.0039i	2.3975+0.3198i	1.1206-0.2030i	0.0529+0.0076i	2.1831+0.3220i	-0.7647+0.0728i	-5.1123-0.0685i
20.1	0.2414-0.0003i	2.4353+0.2725i	1.1210-0.1620i	0.0568+0.0071i	2.2173+0.2753i	-0.7651+0.0366i	-5.0969-0.1282i
20.2	0.2333-0.0081i	2.4451+0.2314i	1.1026-0.1453i	0.0459-0.0030i	2.2260+0.2355i	-0.7813+0.0000i	-5.0445-0.1755i
20.3	0.2357-0.0198i	2.4741+0.1415i	1.0994-0.1444i	0.0415-0.0145i	2.2507+0.1518i	-0.8023-0.0140i	-5.0704-0.1551i
20.4	0.2336-0.0373i	2.4887+0.0279i	1.0781-0.1547i	0.0350-0.0264i	2.2640+0.0475i	-0.8109-0.0182i	-5.0516-0.0613i
20.5	0.2326-0.0451i	2.5547-0.0803i	1.0759-0.1462i	0.0261-0.0291i	2.3210-0.0522i	-0.8406-0.0170i	-5.1214-0.0045i
20.6	0.2323-0.0513i	2.5972-0.1800i	1.0751-0.1343i	0.0192-0.0312i	2.3566-0.1436i	-0.8599-0.0183i	-5.1574+0.0391i
20.7	0.2308-0.0447i	2.6645-0.2690i	1.0762-0.0999i	0.0101-0.0215i	2.4129-0.2249i	-0.8791-0.0158i	-5.2091+0.0323i
20.8	0.2321-0.0580i	2.7136-0.4575i	1.0857-0.1107i	-0.0009-0.0242i	2.4544-0.3945i	-0.9109+0.0009i	-5.2735+0.1664i
20.9	0.2228-0.0674i	2.6791-0.6666i	1.0630-0.1210i	-0.0112-0.0183i	2.4246-0.5845i	-0.9126+0.0429i	-5.2122+0.3707i
21.0	0.2292-0.0753i	2.6696-0.8694i	1.0659-0.1239i	-0.0065-0.0110i	2.4146-0.7671i	-0.8995+0.0720i	-5.1832+0.5403i
21.1	0.2496-0.0844i	2.7641-1.1702i	1.0932-0.1181i	0.0037-0.0017i	2.4955-1.0406i	-0.8971+0.0978i	-5.2684+0.7184i
21.2	0.2480-0.0922i	2.7219-1.3808i	1.0823-0.1003i	-0.0017+0.0008i	2.4586-1.2292i	-0.8881+0.0984i	-5.1899+0.8008i
21.3	0.2325-0.1033i	2.5333-1.5789i	1.0484-0.0962i	-0.0090+0.0019i	2.2849-1.4093i	-0.8622+0.1038i	-4.9773+0.9148i
21.4	0.2208-0.1300i	2.2943-1.8996i	1.0301-0.1240i	-0.0108-0.0023i	2.0687-1.6964i	-0.8381+0.1338i	-4.7899+1.1940i
21.5	0.2153-0.1491i	2.0806-2.1288i	1.0336-0.1280i	-0.0060-0.0068i	1.8749-1.9002i	-0.8199+0.1374i	-4.6606+1.3207i
21.6	0.1937-0.1704i	1.6374-2.3262i	1.0342-0.1350i	-0.0080-0.0100i	1.4751-2.0763i	-0.8111+0.1370i	-4.4303+1.4302i
21.7	0.1769-0.1675i	1.3352-2.3686i	1.0196-0.0952i	-0.0119-0.0087i	1.2009-2.1129i	-0.7990+0.1181i	-4.2207+1.3330i
21.8	0.1394-0.1809i	0.7927-2.3256i	0.9858-0.1174i	-0.0193-0.0179i	0.7112-2.0746i	-0.7639+0.1294i	-3.8290+1.3860i
21.9	0.1110-0.1622i	0.4839-2.0021i	0.9699-0.1078i	-0.0350-0.0107i	0.4313-1.7855i	-0.7498+0.1270i	-3.6323+1.2408i
22.0	0.0946-0.1450i	0.2178-1.7446i	0.9760-0.1015i	-0.0444-0.0026i	0.1909-1.5539i	-0.7384+0.1305i	-3.5165+1.1134i
22.1	0.0995-0.1364i	0.1712-1.6383i	0.9951-0.0914i	-0.0388+0.0058i	0.1481-1.4578i	-0.7270+0.1302i	-3.5103+1.0528i
22.2	0.0955-0.1240i	0.1217-1.3839i	0.9967-0.0960i	-0.0420+0.0155i	0.1019-1.2279i	-0.7233+0.1281i	-3.4757+0.9495i
22.3	0.0922-0.1228i	0.0815-1.2993i	1.0016-0.1009i	-0.0491+0.0153i	0.0657-1.1478i	-0.7319+0.1166i	-3.4833+0.9093i
22.4	0.1070-0.1274i	0.0958-1.2323i	1.0362-0.1047i	-0.0381+0.0192i	0.0780-1.0840i	-0.7300+0.1033i	-3.5813+0.8900i
22.5	0.1122-0.1296i	0.1691-1.1167i	1.0308-0.1272i	-0.0338+0.0240i	0.1412-0.9772i	-0.7182+0.1005i	-3.5858+0.9291i
22.6	0.1076-0.1381i	0.1917-1.0765i	1.0141-0.1546i	-0.0352+0.0265i	0.1594-0.9366i	-0.7139+0.1042i	-3.5524+1.0189i
22.7	0.1060-0.1449i	0.2045-1.0819i	1.0209-0.1565i	-0.0360+0.0319i	0.1698-0.9369i	-0.7194+0.0963i	-3.5730+1.0694i
22.8	0.0970-0.1548i	0.1376-1.0921i	1.0058-0.1775i	-0.0275+0.0348i	0.1160-0.9434i	-0.7022+0.1085i	-3.4379+1.1899i
22.9	0.0987-0.1654i	0.1360-1.1198i	0.9997-0.1772i	-0.0162+0.0345i	0.1147-0.9643i	-0.6883+0.0905i	-3.3461+1.2189i
23.0	0.0827-0.1899i	0.0824-1.1846i	0.9691-0.2140i	-0.0079+0.0283i	0.0687-1.0158i	-0.6723+0.0845i	-3.1577+1.3821i
23.1	0.0456-0.2012i	-0.0656-1.1932i	0.9399-0.2455i	-0.0181+0.0328i	-0.0538-1.0207i	-0.6947+0.1001i	-2.9788+1.5087i
23.2	0.0279-0.1831i	-0.1716-1.0671i	0.9120-0.2130i	-0.0213+0.0298i	-0.1444-0.9125i	-0.6799+0.0812i	-2.7959+1.3172i
23.3	-0.0086-0.1654i	-0.3333-0.9728i	0.8582-0.1962i	-0.0176+0.0325i	-0.2813-0.8316i	-0.6556+0.0824i	-2.4708+1.2244i
23.4	-0.0416-0.1542i	-0.4449-0.9249i	0.8353-0.1866i	-0.0203+0.0380i	-0.3762-0.7871i	-0.6665+0.0824i	-2.2890+1.1728i
23.5	-0.0473-0.1400i	-0.5155-0.7924i	0.8363-0.1701i	-0.0127+0.0320i	-0.4374-0.6758i	-0.6629+0.0701i	-2.1937+1.0026i
23.6	-0.0336-0.1173i	-0.5091-0.6419i	0.8667-0.1478i	-0.0031+0.0346i	-0.4315-0.5487i	-0.6672+0.0598i	-2.2367+0.8193i
23.7	-0.0358-0.0829i	-0.5527-0.4168i	0.8745-0.1551i	-0.0011+0.0373i	-0.4692-0.3541i	-0.6714+0.0775i	-2.2016+0.6450i
23.8	-0.0248-0.0696i	-0.5085-0.3213i	0.8919-0.1600i	0.0041+0.0486i	-0.4332-0.2730i	-0.6810+0.0922i	-2.2763+0.5836i
23.9	-0.0078-0.0547i	-0.3917-0.1904i	0.8886-0.1440i	0.0038+0.0465i	-0.3350-0.1585i	-0.6701+0.0757i	-2.3387+0.4017i
24.0	0.0038-0.0526i	-0.3102-0.1526i	0.8799-0.1166i	0.0049+0.0374i	-0.2655-0.1259i	-0.6603+0.0426i	-2.3696+0.2650i
24.1	0.0054-0.0470i	-0.2531-0.0808i	0.8606-0.1333i	0.0057+0.0332i	-0.2148-0.0657i	-0.6504+0.0586i	-2.3676+0.2664i
24.2	0.0110-0.0403i	-0.2102-0.0551i	0.8978-0.1115i	0.0112+0.0288i	-0.1752-0.0445i	-0.6861+0.0320i	-2.5037+0.1527i
24.3	0.0144-0.0289i	-0.1584-0.0394i	0.8751-0.0822i	0.0142+0.0294i	-0.1306-0.0306i	-0.6677+0.0207i	-2.4725+0.0787i
24.4	0.0106-0.0367i	-0.1000-0.0352i	0.8463-0.0714i	0.0086+0.0198i	-0.0806-0.0244i	-0.6484+0.0045i	-2.4195+0.0522i
24.5	0.0212-0.0525i	-0.0726-0.0445i	0.8804-0.1065i	0.0106+0.0074i	-0.0580-0.0294i	-0.6748+0.0153i	-2.5240+0.1335i

24.6	0.0305-0.0505i	-0.0570-0.0360i	0.9163-0.1051i	0.0180+0.0063i	-0.0424-0.0207i	-0.6963+0.0180i	-2.6106+0.1291i
24.7	0.0334-0.0453i	-0.0355-0.0300i	0.9502-0.1105i	0.0192+0.0114i	-0.0229-0.0186i	-0.7287+0.0231i	-2.7147+0.1398i
24.8	0.0277-0.0480i	-0.0059-0.0303i	0.9285-0.0981i	0.0062+0.0025i	0.0000-0.0201i	-0.7181+0.0095i	-2.6765+0.1009i
24.9	0.0221-0.0382i	0.0152-0.0237i	0.9030-0.0845i	-0.0012+0.0063i	0.0173-0.0139i	-0.7024+0.0071i	-2.6114+0.0588i
25.0	0.0156-0.0325i	0.0237-0.0268i	0.9429-0.0846i	-0.0039+0.0158i	0.0260-0.0176i	-0.7503+0.0121i	-2.7200+0.0580i
25.1	0.0190-0.0359i	0.0326-0.0049i	0.9585-0.1293i	-0.0024+0.0083i	0.0356+0.0030i	-0.7631+0.0528i	-2.7593+0.1680i
25.2	0.0244-0.0467i	0.0423-0.0021i	0.9429-0.1894i	-0.0003+0.0014i	0.0427+0.0069i	-0.7469+0.0986i	-2.7240+0.3235i
25.3	0.0273-0.0412i	0.0730-0.0129i	0.9236-0.1358i	-0.0055+0.0065i	0.0659-0.0049i	-0.7245+0.0592i	-2.6699+0.1893i
25.4	0.0236-0.0344i	0.0875-0.0126i	0.9372-0.1291i	-0.0083+0.0091i	0.0813-0.0043i	-0.7388+0.0529i	-2.6997+0.1657i
25.5	0.0254-0.0355i	0.0865-0.0074i	0.9771-0.1575i	-0.0030+0.0091i	0.0808-0.0013i	-0.7707+0.0712i	-2.7885+0.2207i
25.6	0.0246-0.0369i	0.1136-0.0108i	0.9105-0.0913i	-0.0035-0.0045i	0.1015-0.0047i	-0.6975+0.0088i	-2.5766+0.0515i
25.7	0.0344-0.0271i	0.1301-0.0141i	0.9671-0.1032i	0.0037+0.0052i	0.1144-0.0052i	-0.7420+0.0217i	-2.7092+0.0641i
25.8	0.0364-0.0256i	0.1373-0.0123i	0.9881-0.1134i	-0.0013+0.0033i	0.1204-0.0030i	-0.7614+0.0251i	-2.7619+0.0671i
25.9	0.0404-0.0286i	0.1410-0.0098i	0.9306-0.1532i	0.0078-0.0026i	0.1244-0.0030i	-0.7099+0.0630i	-2.6196+0.1589i
26.0	0.0442-0.0403i	0.1437-0.0172i	0.9640-0.2763i	0.0171-0.0053i	0.1293-0.0084i	-0.7535+0.1546i	-2.7403+0.4455i
26.1	0.0413-0.0450i	0.1577-0.0222i	0.9777-0.2074i	0.0013-0.0120i	0.1407-0.0105i	-0.7623+0.0811i	-2.7646+0.2497i
26.2	0.0343-0.0411i	0.1709-0.0243i	0.9793-0.1533i	-0.0069-0.0130i	0.1527-0.0136i	-0.7628+0.0344i	-2.7459+0.1043i
26.3	0.0360-0.0294i	0.1653-0.0289i	0.9560-0.2454i	0.0003+0.0013i	0.1494-0.0247i	-0.7569+0.1264i	-2.7098+0.3395i
26.4	0.0435-0.0268i	0.1660-0.0362i	0.9458-0.3126i	0.0037+0.0025i	0.1448-0.0308i	-0.7599+0.1829i	-2.7129+0.4914i
26.5	0.0449-0.0364i	0.1797-0.0565i	1.0094-0.3472i	0.0026-0.0068i	0.1565-0.0485i	-0.8163+0.1820i	-2.8926+0.5320i
26.6	0.0517-0.0384i	0.1833-0.0700i	1.0441-0.3938i	0.0101+0.0017i	0.1595-0.0594i	-0.8663+0.2173i	-3.0260+0.6293i
26.7	0.0617-0.0356i	0.1946-0.0623i	1.0221-0.2739i	0.0134-0.0100i	0.1680-0.0519i	-0.8255+0.1154i	-2.9145+0.3348i
26.8	0.0584-0.0419i	0.1957-0.0696i	1.0502-0.2906i	0.0082-0.0148i	0.1702-0.0589i	-0.8688+0.1151i	-3.0162+0.3560i
26.9	0.0628-0.0559i	0.1947-0.0770i	1.0865-0.3553i	0.0106-0.0276i	0.1680-0.0663i	-0.9150+0.1703i	-3.1555+0.5354i
27.0	0.0686-0.0620i	0.1986-0.1028i	1.1517-0.4780i	0.0133-0.0346i	0.1691-0.0903i	-0.9951+0.2807i	-3.3713+0.8559i
27.1	0.0680-0.0672i	0.1921-0.1183i	1.0829-0.5995i	0.0092-0.0414i	0.1636-0.1041i	-0.9507+0.4177i	-3.2156+1.2469i
27.2	0.0690-0.0783i	0.1891-0.1219i	0.9914-0.6279i	0.0147-0.0535i	0.1604-0.1075i	-0.8468+0.4666i	-2.9199+1.3817i
27.3	0.0761-0.0875i	0.1913-0.1197i	0.9588-0.6100i	0.0140-0.0603i	0.1548-0.1063i	-0.7986+0.4547i	-2.7780+1.3271i
27.4	0.0795-0.1128i	0.2148-0.1350i	1.0224-0.6304i	0.0102-0.0880i	0.1707-0.1183i	-0.8336+0.4243i	-2.9033+1.3099i
27.5	0.0678-0.1231i	0.2046-0.1672i	0.9904-0.7249i	0.0034-0.0941i	0.1645-0.1423i	-0.8192+0.5019i	-2.8339+1.5465i
27.6	0.0535-0.1273i	0.2002-0.1893i	0.9497-0.7764i	-0.0217-0.0970i	0.1596-0.1597i	-0.8108+0.5424i	-2.7389+1.6685i
27.7	0.0448-0.1492i	0.1789-0.2144i	0.8755-0.8396i	-0.0360-0.1180i	0.1382-0.1803i	-0.7434+0.5870i	-2.5377+1.8175i
27.8	0.0301-0.1453i	0.1632-0.2072i	0.7570-0.7894i	-0.0421-0.1183i	0.1203-0.1742i	-0.6366+0.5513i	-2.2156+1.6898i
27.9	0.0030-0.1402i	0.1391-0.2166i	0.6589-0.8125i	-0.0661-0.1091i	0.1019-0.1785i	-0.5760+0.5831i	-1.9811+1.7440i
28.0	-0.0009-0.1496i	0.1404-0.2272i	0.6680-0.8049i	-0.0823-0.1149i	0.1044-0.1849i	-0.5840+0.5668i	-1.9986+1.6912i
28.1	-0.0174-0.1487i	0.1129-0.2232i	0.5745-0.7732i	-0.0960-0.1095i	0.0820-0.1846i	-0.5066+0.5448i	-1.7650+1.6210i
28.2	-0.0511-0.1257i	0.0511-0.2248i	0.3949-0.7886i	-0.1127-0.0737i	0.0347-0.1794i	-0.3773+0.5904i	-1.3439+1.7045i
28.3	-0.0553-0.1162i	0.0602-0.2150i	0.4268-0.6852i	-0.1198-0.0671i	0.0416-0.1689i	-0.3966+0.4964i	-1.3932+1.4349i
28.4	-0.0698-0.1123i	0.0209-0.2236i	0.3358-0.7150i	-0.1273-0.0529i	0.0136-0.1736i	-0.3246+0.5264i	-1.1914+1.5156i
28.5	-0.0766-0.1012i	-0.0026-0.2161i	0.2904-0.6893i	-0.1310-0.0431i	-0.0039-0.1670i	-0.2897+0.5101i	-1.0739+1.4553i
28.6	-0.0864-0.0990i	-0.0156-0.2231i	0.2952-0.6630i	-0.1449-0.0405i	-0.0158-0.1707i	-0.2958+0.4834i	-1.0699+1.3674i
28.7	-0.0826-0.1004i	-0.0298-0.1965i	0.2597-0.5909i	-0.1334-0.0392i	-0.0268-0.1458i	-0.2482+0.4303i	-0.9643+1.2046i
28.8	-0.0907-0.0875i	-0.0423-0.1847i	0.2378-0.5251i	-0.1351-0.0390i	-0.0336-0.1343i	-0.2281+0.3777i	-0.8924+1.0383i
28.9	-0.1043-0.0787i	-0.0594-0.1723i	0.2042-0.5001i	-0.1459-0.0288i	-0.0489-0.1269i	-0.2032+0.3593i	-0.8194+0.9818i
29.0	-0.1195-0.0645i	-0.0708-0.1467i	0.1777-0.4683i	-0.1513-0.0125i	-0.0542-0.1107i	-0.1868+0.3352i	-0.7604+0.9124i
29.1	-0.1108-0.0681i	-0.0645-0.1405i	0.2198-0.4130i	-0.1557-0.0258i	-0.0507-0.1005i	-0.2118+0.2784i	-0.8471+0.7671i
29.2	-0.1153-0.0627i	-0.0639-0.1352i	0.2496-0.3752i	-0.1714-0.0278i	-0.0510-0.0973i	-0.2339+0.2377i	-0.9084+0.6619i
29.3	-0.1178-0.0461i	-0.0796-0.1331i	0.2622-0.3614i	-0.1734-0.0031i	-0.0621-0.0986i	-0.2479+0.2316i	-0.9287+0.6196i
29.4	-0.1194-0.0437i	-0.0867-0.1233i	0.2764-0.3492i	-0.1787-0.0000i	-0.0685-0.0904i	-0.2566+0.2191i	-0.9577+0.5842i
29.5	-0.1293-0.0405i	-0.0928-0.1132i	0.2837-0.3042i	-0.1811-0.0147i	-0.0723-0.0810i	-0.2532+0.1732i	-0.9608+0.4835i
29.6	-0.1234-0.0114i	-0.0843-0.0908i	0.2794-0.2623i	-0.1707+0.0180i	-0.0649-0.0638i	-0.2531+0.1474i	-0.9272+0.3882i
29.7	-0.1081+0.0085i	-0.0812-0.0670i	0.2894-0.2467i	-0.1640+0.0355i	-0.0614-0.0506i	-0.2616+0.1385i	-0.9437+0.3394i
29.8	-0.1206+0.0108i	-0.0833-0.0680i	0.3308-0.2523i	-0.1864+0.0424i	-0.0642-0.0537i	-0.2929+0.1313i	-1.0276+0.3390i
29.9	-0.1056+0.0284i	-0.0951-0.0734i	0.3537-0.2394i	-0.1798+0.0586i	-0.0734-0.0592i	-0.3231+0.1162i	-1.0913+0.3204i
30.0	-0.1043+0.0303i	-0.0850-0.0594i	0.3504-0.2043i	-0.1643+0.0538i	-0.0636-0.0515i	-0.3143+0.0895i	-1.0621+0.2379i
30.1	-0.1118+0.0219i	-0.0673-0.0537i	0.3537-0.1752i	-0.1613+0.0352i	-0.0468-0.0469i	-0.3035+0.0602i	-1.0211+0.1668i
30.2	-0.0976+0.0314i	-0.0590-0.0596i	0.3845-0.1569i	-0.1572+0.0432i	-0.0451-0.0504i	-0.3304+0.0387i	-1.0870+0.0968i
30.3	-0.0814+0.0351i	-0.0619-0.0470i	0.3928-0.1545i	-0.1422+0.0471i	-0.0532-0.0394i	-0.3368+0.0393i	-1.1021+0.0910i
30.4	-0.0839+0.0320i	-0.0535-0.0261i	0.3600-0.1718i	-0.1345+0.0582i	-0.0438-0.0195i	-0.3110+0.0534i	-1.0245+0.1305i
30.5	-0.0805+0.0410i	-0.0660-0.0162i	0.3748-0.1943i	-0.1411+0.0720i	-0.0530-0.0146i	-0.3410+0.0590i	-1.0776+0.1697i
30.6	-0.0917+0.0410i	-0.0655-0.0173i	0.4094-0.1988i	-0.1622+0.0792i	-0.0527-0.0169i	-0.3759+0.0441i	-1.1646+0.1478i
30.7	-0.0828+0.0477i	-0.0655-0.0242i	0.4484-0.1646i	-0.1682+0.0746i	-0.0547-0.0229i	-0.4032+0.0093i	-1.2193+0.0638i
30.8	-0.0788+0.0585i	-0.0468-0.0120i	0.3854-0.1635i	-0.1401+0.0809i	-0.0371-0.0124i	-0.3612+0.0227i	-1.0877+0.0860i

30.9	-0.0710+0.0478i	-0.0545+0.0042i	0.4119-0.1726i	-0.1437+0.0807i	-0.0465+0.0004i	-0.3853+0.0344i	-1.1410+0.1132i
31.0	-0.0704+0.0514i	-0.0573-0.0070i	0.4486-0.1599i	-0.1429+0.0810i	-0.0483-0.0077i	-0.4182+0.0180i	-1.1858+0.0621i
31.1	-0.0580+0.0507i	-0.0609-0.0033i	0.4662-0.1375i	-0.1424+0.0767i	-0.0538-0.0026i	-0.4302+0.0026i	-1.1815-0.0134i
31.2	-0.0499+0.0585i	-0.0600+0.0224i	0.4411-0.1880i	-0.1257+0.0955i	-0.0514+0.0185i	-0.4297+0.0528i	-1.1570+0.0872i
31.3	-0.0587+0.0541i	-0.0377+0.0174i	0.3945-0.1744i	-0.1072+0.0823i	-0.0307+0.0142i	-0.3934+0.0491i	-1.0624+0.0866i
31.4	-0.0679+0.0523i	-0.0480+0.0119i	0.4603-0.1866i	-0.1317+0.0836i	-0.0405+0.0063i	-0.4447+0.0366i	-1.1738+0.0694i
31.5	-0.0735+0.0627i	-0.0453+0.0233i	0.4791-0.2435i	-0.1372+0.1065i	-0.0401+0.0147i	-0.4793+0.0750i	-1.2212+0.1470i
31.6	-0.0634+0.0664i	-0.0345+0.0224i	0.4180-0.1904i	-0.1056+0.0795i	-0.0329+0.0127i	-0.4249+0.0601i	-1.0703+0.0730i
31.7	-0.0657+0.0654i	-0.0338+0.0088i	0.4294-0.1240i	-0.1054+0.0630i	-0.0283+0.0005i	-0.4206+0.0110i	-1.0345-0.0480i
31.8	-0.0735+0.0486i	-0.0288+0.0196i	0.4369-0.1732i	-0.1087+0.0573i	-0.0226+0.0095i	-0.4233+0.0493i	-1.0449+0.0186i
31.9	-0.0743+0.0549i	-0.0255+0.0314i	0.4020-0.1971i	-0.1074+0.0731i	-0.0223+0.0172i	-0.4110+0.0771i	-1.0050+0.0709i
32.0	-0.0720+0.0763i	-0.0180+0.0117i	0.3652-0.1765i	-0.0900+0.0733i	-0.0146-0.0005i	-0.3892+0.0812i	-0.9436+0.0852i
32.1	-0.1048+0.0794i	-0.0012+0.0149i	0.3198-0.1960i	-0.1018+0.0756i	0.0033+0.0014i	-0.3581+0.0855i	-0.8652+0.0938i
32.2	-0.0838+0.0763i	-0.0142+0.0251i	0.3758-0.2224i	-0.1273+0.0580i	-0.0152+0.0046i	-0.3975+0.1053i	-0.9858+0.0381i
32.3	-0.0815+0.0810i	-0.0156+0.0155i	0.3982-0.1698i	-0.1265+0.0473i	-0.0145-0.0055i	-0.4089+0.0688i	-0.9934-0.0794i
32.4	-0.0990+0.1025i	-0.0026-0.0078i	0.3441-0.0763i	-0.1190+0.0381i	-0.0014-0.0297i	-0.3553+0.0015i	-0.8476-0.2090i
32.5	-0.1052+0.1137i	0.0071-0.0138i	0.3169-0.0498i	-0.1226+0.0409i	0.0039-0.0353i	-0.3292-0.0180i	-0.8130-0.2489i
32.6	-0.1180+0.1076i	0.0165+0.0014i	0.2879-0.1922i	-0.1190+0.0552i	0.0110-0.0198i	-0.3115+0.1005i	-0.8303-0.0089i
32.7	-0.1333+0.1129i	0.0164-0.0122i	0.2553-0.1390i	-0.1388+0.0315i	0.0124-0.0341i	-0.2724+0.0598i	-0.7229-0.1000i
32.8	-0.1329+0.1340i	0.0070-0.0301i	0.2472-0.0361i	-0.1710+0.0170i	-0.0019-0.0532i	-0.2558-0.0235i	-0.6908-0.2464i
32.9	-0.1207+0.1523i	-0.0102-0.0410i	0.2321-0.0822i	-0.1542+0.0219i	-0.0203-0.0655i	-0.2487+0.0219i	-0.6773-0.1707i
33.0	-0.0973+0.1437i	-0.0224-0.0325i	0.3114-0.0301i	-0.1593+0.0411i	-0.0281-0.0548i	-0.3061-0.0175i	-0.7773-0.2360i
33.1	-0.0928+0.1432i	-0.0379-0.0121i	0.3615-0.0512i	-0.1806+0.0558i	-0.0474-0.0360i	-0.3412-0.0064i	-0.8446-0.2633i
33.2	-0.0922+0.1698i	-0.0307-0.0249i	0.2991-0.0319i	-0.1760+0.0442i	-0.0463-0.0514i	-0.2785-0.0149i	-0.7571-0.3015i
33.3	-0.0857+0.1607i	-0.0398-0.0201i	0.2569-0.0150i	-0.1820+0.0518i	-0.0620-0.0410i	-0.2372-0.0304i	-0.7129-0.3054i
33.4	-0.0840+0.1701i	-0.0406-0.0110i	0.2850+0.0192i	-0.1963+0.0751i	-0.0610-0.0294i	-0.2573-0.0690i	-0.7263-0.3470i
33.5	-0.0777+0.2075i	-0.0506-0.0073i	0.2734+0.0001i	-0.2020+0.1001i	-0.0725-0.0316i	-0.2518-0.0591i	-0.7187-0.3694i
33.6	-0.0690+0.2462i	-0.0486-0.0096i	0.2390+0.0477i	-0.1852+0.1218i	-0.0708-0.0364i	-0.2266-0.1012i	-0.6225-0.4061i
33.7	-0.0460+0.2582i	-0.0580-0.0033i	0.2508+0.1175i	-0.1816+0.1290i	-0.0804-0.0291i	-0.2310-0.1585i	-0.5650-0.5012i
33.8	-0.0550+0.2936i	-0.0381-0.0103i	0.2682+0.1246i	-0.1683+0.1498i	-0.0574-0.0384i	-0.2548-0.1764i	-0.5555-0.5763i
33.9	-0.0666+0.2785i	-0.0125-0.0087i	0.2687+0.0920i	-0.1584+0.1492i	-0.0354-0.0360i	-0.2488-0.1534i	-0.6323-0.5453i
34.0	-0.0821+0.3007i	-0.0019-0.0065i	0.2316+0.0954i	-0.1632+0.1782i	-0.0256-0.0335i	-0.2176-0.1664i	-0.5858-0.5433i
34.1	-0.0551+0.3249i	-0.0201-0.0049i	0.2412+0.1793i	-0.1762+0.1943i	-0.0448-0.0325i	-0.2255-0.2502i	-0.5435-0.6841i
34.2	-0.0285+0.3347i	-0.0288-0.0063i	0.2664+0.2192i	-0.1677+0.1899i	-0.0568-0.0350i	-0.2488-0.2880i	-0.5674-0.7680i
34.3	-0.0132+0.3237i	-0.0298+0.0031i	0.3067+0.2425i	-0.1650+0.1957i	-0.0565-0.0221i	-0.2790-0.3141i	-0.6417-0.8039i
34.4	0.0383+0.3249i	-0.0466-0.0094i	0.3550+0.2508i	-0.1454+0.1887i	-0.0779-0.0310i	-0.3264-0.3203i	-0.7366-0.8263i
34.5	0.0662+0.3386i	-0.0455-0.0095i	0.4173+0.2407i	-0.1393+0.2090i	-0.0771-0.0293i	-0.3889-0.3207i	-0.8553-0.8394i
34.6	0.1133+0.3503i	-0.0682-0.0095i	0.4514+0.2774i	-0.1285+0.1987i	-0.1012-0.0317i	-0.4231-0.3460i	-0.8752-0.9308i
34.7	0.1220+0.3351i	-0.0697-0.0071i	0.4432+0.2766i	-0.1083+0.1874i	-0.1014-0.0323i	-0.4209-0.3403i	-0.8284-0.9323i
34.8	0.1209+0.3340i	-0.0540-0.0145i	0.4124+0.2744i	-0.0867+0.1896i	-0.0869-0.0360i	-0.4060-0.3396i	-0.7730-0.9001i
34.9	0.1325+0.3379i	-0.0599-0.0141i	0.4213+0.1798i	-0.0969+0.1960i	-0.0964-0.0330i	-0.4213-0.2724i	-0.8763-0.7974i
35.0	0.1668+0.3333i	-0.0639+0.0020i	0.4634+0.2235i	-0.0945+0.2072i	-0.1041-0.0209i	-0.4567-0.3071i	-0.9231-0.8820i
35.1	0.1729+0.3251i	-0.0645+0.0252i	0.4681+0.1784i	-0.0769+0.2462i	-0.1035+0.0040i	-0.4675-0.2836i	-0.9835-0.8081i
35.2	0.1800+0.2975i	-0.0473+0.0309i	0.4644+0.1658i	-0.0489+0.2536i	-0.0823+0.0167i	-0.4719-0.2690i	-0.9986-0.7526i
35.3	0.2001+0.2803i	-0.0453+0.0215i	0.4649+0.1795i	-0.0395+0.2299i	-0.0804+0.0087i	-0.4739-0.2640i	-0.9633-0.7845i
35.4	0.2110+0.2759i	-0.0628+0.0219i	0.4439+0.2029i	-0.0440+0.2152i	-0.0972+0.0051i	-0.4545-0.2777i	-0.9299-0.8146i
35.5	0.2225+0.2542i	-0.0645+0.0288i	0.4306+0.2064i	-0.0274+0.2090i	-0.0986+0.0131i	-0.4431-0.2807i	-0.9418-0.7871i
35.6	0.2187+0.2495i	-0.0527+0.0038i	0.4160+0.1883i	-0.0091+0.1879i	-0.0881-0.0107i	-0.4335-0.2616i	-0.9090-0.7534i
35.7	0.2121+0.2255i	-0.0421-0.0005i	0.3807+0.1795i	0.0105+0.1741i	-0.0795-0.0102i	-0.4136-0.2470i	-0.8786-0.7563i
35.8	0.2223+0.2118i	-0.0344-0.0039i	0.3818+0.2173i	0.0189+0.1630i	-0.0683-0.0167i	-0.4154-0.2695i	-0.8278-0.7683i
35.9	0.1946+0.2266i	-0.0181-0.0186i	0.3454+0.2190i	0.0246+0.1706i	-0.0497-0.0306i	-0.3838-0.2728i	-0.7679-0.7353i
36.0	0.1776+0.2311i	-0.0091-0.0182i	0.3134+0.2431i	0.0390+0.1615i	-0.0408-0.0293i	-0.3555-0.2913i	-0.7454-0.7027i
36.1	0.1968+0.2164i	-0.0218-0.0208i	0.3366+0.3809i	0.0276+0.1336i	-0.0563-0.0309i	-0.3609-0.4007i	-0.7216-0.8653i
36.2	0.1914+0.2202i	-0.0168-0.0285i	0.3600+0.4485i	0.0348+0.1234i	-0.0469-0.0384i	-0.3800-0.4519i	-0.6900-0.9300i
36.3	0.1907+0.2577i	-0.0047-0.0597i	0.3359+0.4877i	0.0436+0.1176i	-0.0321-0.0697i	-0.3583-0.4962i	-0.6043-0.9457i
36.4	0.1972+0.2486i	0.0066-0.0546i	0.3696+0.4679i	0.0644+0.1137i	-0.0227-0.0712i	-0.3962-0.4800i	-0.6321-0.9554i
36.5	0.2248+0.2634i	-0.0149-0.0720i	0.4283+0.5772i	0.0580+0.0841i	-0.0493-0.0950i	-0.4389-0.5761i	-0.6490-1.0972i
36.6	0.2497+0.2899i	-0.0419-0.0958i	0.4955+0.6559i	0.0418+0.0559i	-0.0825-0.1161i	-0.4940-0.6478i	-0.6415-1.2231i
36.7	0.2607+0.2967i	-0.0587-0.1021i	0.5440+0.6523i	0.0313+0.0525i	-0.0984-0.1221i	-0.5375-0.6528i	-0.6848-1.2622i
36.8	0.2929+0.2915i	-0.0810-0.1108i	0.6042+0.6991i	0.0326+0.0323i	-0.1203-0.1325i	-0.5913-0.6897i	-0.7142-1.3441i
36.9	0.3369+0.2921i	-0.1075-0.1144i	0.6929+0.7756i	0.0275-0.0052i	-0.1503-0.1392i	-0.6721-0.7459i	-0.7854-1.4730i
37.0	0.3338+0.2876i	-0.1136-0.1142i	0.7303+0.7283i	0.0010+0.0061i	-0.1546-0.1369i	-0.7122-0.7237i	-0.8366-1.4232i
37.1	0.3460+0.2638i	-0.1408-0.1141i	0.8184+0.6764i	-0.0431+0.0068i	-0.1801-0.1314i	-0.7883-0.6887i	-0.9466-1.3939i

37.2	0.3642+0.2420i	-0.1484-0.1039i	0.8775+0.6272i	-0.0379+0.0119i	-0.1900-0.1181i	-0.8451-0.6356i	-1.0342-1.3724i
37.3	0.3600+0.2219i	-0.1467-0.0902i	0.8830+0.5666i	-0.0356+0.0187i	-0.1921-0.1060i	-0.8551-0.5846i	-1.0555-1.3096i
37.4	0.3482+0.1889i	-0.1422-0.0572i	0.8911+0.5088i	-0.0366+0.0425i	-0.1803-0.0699i	-0.8709-0.5241i	-1.0505-1.2792i
37.5	0.3886+0.1837i	-0.1584-0.0507i	0.9498+0.4990i	-0.0482+0.0319i	-0.2010-0.0630i	-0.9278-0.5144i	-1.0790-1.2830i
37.6	0.4003+0.1713i	-0.1698-0.0491i	0.9557+0.4847i	-0.0659+0.0204i	-0.2163-0.0629i	-0.9307-0.4997i	-1.0785-1.2652i
37.7	0.3849+0.1452i	-0.1653-0.0632i	0.9709+0.4315i	-0.0820+0.0127i	-0.2077-0.0740i	-0.9401-0.4569i	-1.0736-1.2680i
37.8	0.3829+0.1301i	-0.1814-0.0527i	0.9504+0.4198i	-0.0957+0.0174i	-0.2195-0.0670i	-0.9299-0.4496i	-1.0547-1.2758i
37.9	0.3708+0.1231i	-0.1891-0.0168i	0.9156+0.4279i	-0.0972+0.0517i	-0.2188-0.0391i	-0.9206-0.4536i	-1.0328-1.3158i
38.0	0.3865+0.1343i	-0.1725-0.0199i	0.9237+0.4607i	-0.0744+0.0514i	-0.2089-0.0503i	-0.9432-0.4556i	-1.0263-1.3904i
38.1	0.3978+0.1140i	-0.1896-0.0325i	0.9438+0.4567i	-0.0963+0.0346i	-0.2327-0.0586i	-0.9383-0.4283i	-1.0997-1.4348i
38.2	0.3597+0.1156i	-0.1976-0.0529i	0.9299+0.4576i	-0.1164+0.0407i	-0.2335-0.0734i	-0.9228-0.4374i	-1.1317-1.4186i
38.3	0.3663+0.1207i	-0.2204-0.0644i	0.9401+0.4791i	-0.1375+0.0300i	-0.2595-0.0837i	-0.9232-0.4479i	-1.1704-1.4421i
38.4	0.3954+0.1129i	-0.2407-0.0381i	0.9681+0.5076i	-0.1421+0.0430i	-0.2875-0.0621i	-0.9362-0.4639i	-1.2432-1.4311i
38.5	0.3741+0.1064i	-0.2439-0.0278i	0.9884+0.4992i	-0.1460+0.0473i	-0.2906-0.0515i	-0.9415-0.4614i	-1.3013-1.3999i
38.6	0.3635+0.1018i	-0.2302-0.0502i	1.0141+0.4841i	-0.1485+0.0239i	-0.2791-0.0683i	-0.9559-0.4492i	-1.3550-1.3217i
38.7	0.3468+0.0882i	-0.2069-0.0415i	1.0623+0.4729i	-0.1407+0.0346i	-0.2535-0.0580i	-0.9904-0.4337i	-1.4000-1.2851i
38.8	0.3598+0.0848i	-0.2140-0.0010i	1.0780+0.4872i	-0.1417+0.0659i	-0.2636-0.0206i	-1.0079-0.4439i	-1.4057-1.2693i
38.9	0.3618+0.0804i	-0.2303-0.0137i	1.0858+0.4726i	-0.1597+0.0579i	-0.2811-0.0258i	-1.0027-0.4314i	-1.3859-1.2016i
39.0	0.3595+0.0831i	-0.2100-0.0080i	1.1265+0.4425i	-0.1495+0.0766i	-0.2646-0.0216i	-1.0226-0.4070i	-1.4127-1.1226i
39.1	0.3677+0.0955i	-0.2096+0.0028i	1.1773+0.4536i	-0.1494+0.0898i	-0.2683-0.0173i	-1.0605-0.4183i	-1.3977-1.1274i
39.2	0.3622+0.0991i	-0.2246-0.0104i	1.1832+0.4294i	-0.1540+0.0886i	-0.2811-0.0301i	-1.0695-0.4016i	-1.3606-1.1094i
39.3	0.3626+0.1039i	-0.2471-0.0211i	1.1670+0.4129i	-0.1665+0.0934i	-0.2966-0.0368i	-1.0513-0.3897i	-1.3175-1.0894i
39.4	0.3719+0.0875i	-0.2392-0.0158i	1.1799+0.4234i	-0.1545+0.0928i	-0.2929-0.0296i	-1.0579-0.3977i	-1.3053-1.0903i
39.5	0.3859+0.0955i	-0.2659-0.0310i	1.1814+0.4114i	-0.1591+0.0880i	-0.3217-0.0435i	-1.0433-0.3875i	-1.2877-1.0489i
39.6	0.3781+0.1102i	-0.2648-0.0304i	1.2047+0.3662i	-0.1488+0.0946i	-0.3164-0.0401i	-1.0595-0.3619i	-1.2591-1.0268i
39.7	0.3927+0.0980i	-0.2506+0.0014i	1.1735+0.3604i	-0.1311+0.0962i	-0.3048-0.0075i	-1.0432-0.3824i	-1.2197-1.0441i
39.8	0.3980+0.0920i	-0.2580+0.0185i	1.1713+0.4415i	-0.1458+0.0998i	-0.3093+0.0042i	-1.0485-0.4509i	-1.2142-1.0787i
39.9	0.4084+0.0976i	-0.2646+0.0024i	1.2020+0.4818i	-0.1470+0.0874i	-0.3184-0.0128i	-1.0902-0.4786i	-1.1952-1.1003i
40.0	0.4244+0.0964i	-0.2641+0.0225i	1.2412+0.5245i	-0.1469+0.1163i	-0.3214+0.0065i	-1.1284-0.5236i	-1.1924-1.1093i
40.1	0.3995+0.1079i	-0.2628+0.0201i	1.2591+0.4907i	-0.1603+0.1228i	-0.3183+0.0015i	-1.1298-0.5059i	-1.1654-1.0696i
40.2	0.3999+0.1043i	-0.2725+0.0257i	1.3158+0.4695i	-0.1663+0.1210i	-0.3238+0.0024i	-1.1706-0.5020i	-1.1524-1.0701i
40.3	0.4297+0.1217i	-0.2904+0.0323i	1.3209+0.4968i	-0.1613+0.1352i	-0.3401+0.0028i	-1.1896-0.5447i	-1.1172-1.0872i
40.4	0.4418+0.0970i	-0.2939+0.0144i	1.3870+0.4841i	-0.1685+0.1024i	-0.3488-0.0136i	-1.2496-0.5188i	-1.1264-1.0927i
40.5	0.4793+0.0362i	-0.2822+0.0080i	1.4785+0.4892i	-0.1361+0.0688i	-0.3428-0.0071i	-1.3265-0.5044i	-1.1482-1.0619i
40.6	0.4931+0.0434i	-0.3044+0.0165i	1.4656+0.5065i	-0.1449+0.0871i	-0.3615+0.0040i	-1.3021-0.5442i	-1.0829-1.0278i
40.7	0.4905+0.0646i	-0.3002+0.0212i	1.4673+0.4153i	-0.1361+0.1112i	-0.3595+0.0029i	-1.3331-0.4784i	-1.0837-1.0310i
40.8	0.4858+0.0555i	-0.3097+0.0292i	1.4548+0.4486i	-0.1410+0.0926i	-0.3642+0.0094i	-1.3397-0.5289i	-1.0224-1.0752i
40.9	0.5220+0.0560i	-0.3077+0.0260i	1.4542+0.5173i	-0.1267+0.0745i	-0.3619+0.0085i	-1.3344-0.5585i	-1.0428-1.0355i
41.0	0.5369+0.0464i	-0.2986+0.0230i	1.5141+0.4237i	-0.1127+0.0774i	-0.3579+0.0022i	-1.4038-0.4643i	-1.0530-1.0063i
41.1	0.5118+0.0282i	-0.2979+0.0305i	1.5446+0.3900i	-0.1381+0.0840i	-0.3595+0.0067i	-1.4371-0.4609i	-1.0114-1.0201i
41.2	0.5213+0.0224i	-0.3029+0.0301i	1.5855+0.3888i	-0.1401+0.0953i	-0.3686+0.0063i	-1.4764-0.4564i	-0.9886-1.0176i
41.3	0.5347+0.0342i	-0.3265+0.0250i	1.5936+0.3912i	-0.1392+0.1138i	-0.3873+0.0003i	-1.4720-0.4588i	-0.9698-1.0243i
41.4	0.5754+0.0180i	-0.3332+0.0151i	1.6148+0.2816i	-0.0892+0.0825i	-0.3960-0.0085i	-1.4995-0.3405i	-1.0043-0.9887i
41.5	0.5849+0.0000i	-0.3464+0.0041i	1.6338+0.3143i	-0.1039+0.0443i	-0.4135-0.0164i	-1.5318-0.3515i	-0.9798-0.9996i
41.6	0.5838-0.0127i	-0.3532+0.0144i	1.6339+0.2736i	-0.1092+0.0389i	-0.4214-0.0088i	-1.5354-0.3119i	-0.9214-0.9781i
41.7	0.5665-0.0346i	-0.3618+0.0076i	1.7238+0.2018i	-0.1369+0.0130i	-0.4327-0.0159i	-1.6266-0.2493i	-0.8788-1.0012i
41.8	0.5844-0.0481i	-0.3666+0.0207i	1.7649+0.1879i	-0.1339+0.0206i	-0.4444-0.0044i	-1.6997-0.2528i	-0.8256-1.0082i
41.9	0.5839-0.0701i	-0.3928+0.0277i	1.7730+0.1668i	-0.1665+0.0016i	-0.4717+0.0007i	-1.7266-0.2073i	-0.7593-1.0519i
42.0	0.5567-0.1092i	-0.4081+0.0406i	1.7536+0.0640i	-0.1986-0.0052i	-0.4881+0.0207i	-1.6545-0.0496i	-0.7741-1.1200i
42.1	0.5748-0.1118i	-0.4177+0.0566i	1.7225+0.0747i	-0.1909-0.0076i	-0.5019+0.0375i	-1.5832-0.0808i	-0.7888-1.1079i
42.2	0.5436-0.1161i	-0.4129+0.0715i	1.7124+0.0524i	-0.2386-0.0150i	-0.4999+0.0516i	-1.5999-0.0502i	-0.7635-1.1417i
42.3	0.5433-0.1160i	-0.3981+0.0792i	1.6462+0.0149i	-0.2470-0.0050i	-0.4816+0.0606i	-1.5274-0.0098i	-0.7708-1.1425i
42.4	0.5519-0.1492i	-0.3552+0.0635i	1.6730+0.0085i	-0.2365-0.0083i	-0.4440+0.0463i	-1.5560-0.0052i	-0.7859-1.1440i
42.5	0.5058-0.1845i	-0.3695+0.0150i	1.6579+0.0575i	-0.2713-0.0093i	-0.4599+0.0091i	-1.5531-0.0387i	-0.7881-1.2131i
42.6	0.4741-0.1727i	-0.3964+0.0191i	1.8579+0.1419i	-0.2471-0.0212i	-0.4927+0.0073i	-1.7539-0.1374i	-0.8005-1.1705i
42.7	0.5026-0.1181i	-0.4753+0.0294i	1.8188+0.0627i	-0.3377+0.0075i	-0.5663+0.0199i	-1.6902-0.0681i	-0.7407-1.1311i
42.8	0.4977-0.1275i	-0.5191+0.0423i	1.7680+0.0293i	-0.3636+0.0116i	-0.6059+0.0360i	-1.6773+0.0019i	-0.7253-1.1514i
42.9	0.4551-0.1499i	-0.5358+0.0901i	1.8764+0.0195i	-0.3795-0.0111i	-0.6249+0.0824i	-1.8302+0.0944i	-0.6575-1.2175i
43.0	0.4291-0.0572i	-0.4845+0.1754i	1.8176+0.1402i	-0.4160+0.1058i	-0.5704+0.1620i	-1.6728+0.0010i	-0.6924-1.2523i
43.1	0.4952-0.0085i	-0.4258+0.1396i	1.9539+0.1440i	-0.3572+0.1402i	-0.5180+0.1184i	-1.7523-0.0369i	-0.7116-1.1935i
43.2	0.5522-0.0353i	-0.4525+0.1047i	2.0517+0.0602i	-0.3424+0.1112i	-0.5522+0.0817i	-1.7973+0.0205i	-0.6236-1.1372i
43.3	0.6319-0.0516i	-0.4648+0.1050i	2.0828-0.0666i	-0.2936+0.1177i	-0.5729+0.0874i	-1.8122+0.1115i	-0.5916-1.1001i
43.4	0.6596-0.0952i	-0.5130+0.1113i	1.9748-0.1513i	-0.3244+0.0936i	-0.6233+0.0983i	-1.7090+0.1768i	-0.5043-1.0962i

43.5	0.6636-0.1199i	-0.5375+0.1440i	1.9802-0.3194i	-0.3487+0.1148i	-0.6443+0.1402i	-1.7590+0.3464i	-0.4150-1.2045i
43.6	0.6192-0.1641i	-0.5188+0.2086i	1.9318-0.3253i	-0.3813+0.1522i	-0.6216+0.2046i	-1.7146+0.3341i	-0.3711-1.3201i
43.7	0.6157-0.1549i	-0.4749+0.2458i	1.9022-0.2651i	-0.3781+0.2338i	-0.5819+0.2326i	-1.6795+0.3352i	-0.3881-1.3818i
43.8	0.6624-0.1421i	-0.4442+0.2213i	1.9011-0.1515i	-0.2958+0.2732i	-0.5664+0.2078i	-1.5539+0.2978i	-0.4313-1.3830i
43.9	0.7318-0.1407i	-0.4649+0.1514i	2.0338-0.1171i	-0.2290+0.1790i	-0.5961+0.1479i	-1.5362+0.1352i	-0.4319-1.3186i
44.0	0.7352-0.1816i	-0.5180+0.1396i	2.2117-0.2750i	-0.3255+0.1087i	-0.6482+0.1419i	-1.7953+0.1502i	-0.3112-1.2883i
44.1	0.6943-0.2561i	-0.5546+0.1820i	2.2262-0.6046i	-0.4553+0.1534i	-0.6860+0.1982i	-1.8796+0.4666i	-0.1714-1.3817i
44.2	0.6439-0.3178i	-0.5429+0.2107i	1.8008-0.7795i	-0.4558+0.2427i	-0.6677+0.2401i	-1.5082+0.6570i	-0.1982-1.5587i
44.3	0.5881-0.3131i	-0.5298+0.2004i	1.5848-0.5109i	-0.3978+0.2771i	-0.6467+0.2286i	-1.3103+0.4625i	-0.2582-1.6130i
44.4	0.5546-0.2501i	-0.5558+0.2048i	1.6811-0.2900i	-0.3509+0.2800i	-0.6628+0.2330i	-1.3240+0.2943i	-0.3327-1.6426i
44.5	0.6554-0.2460i	-0.5249+0.2358i	1.8423-0.3679i	-0.2720+0.2536i	-0.6389+0.2623i	-1.4449+0.2993i	-0.3223-1.6557i
44.6	0.6100-0.2669i	-0.5104+0.2087i	1.7418-0.4788i	-0.2938+0.2741i	-0.6196+0.2366i	-1.3797+0.3435i	-0.3081-1.7421i
44.7	0.5959-0.1777i	-0.5826+0.1394i	1.6583-0.1906i	-0.2662+0.2522i	-0.6874+0.1590i	-1.3004+0.1098i	-0.3955-1.6606i
44.8	0.7514-0.1183i	-0.6553+0.2189i	1.9216-0.1541i	-0.2208+0.2405i	-0.7773+0.2365i	-1.4797+0.0167i	-0.3258-1.5759i
44.9	0.8443-0.2518i	-0.6666+0.2822i	2.1530-0.3230i	-0.3314+0.1774i	-0.8040+0.3123i	-1.6061+0.0744i	-0.1448-1.6174i
45.0	0.7732-0.4632i	-0.6444+0.3823i	1.9715-0.6491i	-0.3621+0.2250i	-0.7734+0.4422i	-1.5454+0.2048i	-0.0698-1.8834i
45.1	0.6508-0.4364i	-0.5353+0.4528i	1.7436-0.4988i	-0.2953+0.2926i	-0.6395+0.5026i	-1.4993+0.0602i	-0.2427-2.0010i
45.2	0.6074-0.3917i	-0.3885+0.3947i	1.7589-0.3601i	-0.2627+0.2638i	-0.4937+0.4365i	-1.5499+0.0350i	-0.3678-1.9707i
45.3	0.5304-0.4088i	-0.3513+0.2292i	1.7042-0.2328i	-0.2702+0.2020i	-0.4535+0.2769i	-1.5305-0.0625i	-0.4509-1.9333i
45.4	0.5034-0.3030i	-0.4869+0.0663i	1.8753+0.1275i	-0.2793+0.0946i	-0.5766+0.1023i	-1.7385-0.3555i	-0.5047-1.7609i
45.5	0.6751-0.1534i	-0.6825+0.0444i	2.3422+0.1208i	-0.3762+0.0645i	-0.7906+0.0588i	-2.1300-0.2624i	-0.3731-1.5922i
45.6	0.8933-0.2848i	-0.8202+0.1967i	2.6271-0.3601i	-0.4452+0.1282i	-0.9505+0.2246i	-2.3251+0.2181i	-0.1171-1.6292i
45.7	0.9576-0.5031i	-0.8544+0.3362i	2.5848-0.7883i	-0.4870+0.2037i	-0.9984+0.3839i	-2.2552+0.5881i	0.0778-1.7990i
45.8	0.8444-0.5500i	-0.8570+0.3769i	2.3982-0.7997i	-0.4646+0.2681i	-0.9875+0.4297i	-2.0203+0.5495i	0.0360-1.9705i
45.9	0.8729-0.5814i	-0.9559+0.5712i	2.5649-1.1150i	-0.5023+0.3980i	-1.0894+0.6325i	-2.1862+0.7379i	0.1658-2.1212i
46.0	0.7887-0.6598i	-0.8211+0.7668i	2.2408-1.5128i	-0.4300+0.5535i	-0.9466+0.8448i	-2.0042+1.0788i	0.1430-2.4593i
46.1	0.7509-0.6505i	-0.7136+0.7624i	1.8292-1.4599i	-0.2897+0.5811i	-0.8278+0.8441i	-1.6502+1.0708i	-0.0346-2.6020i
46.2	0.6274-0.6757i	-0.6272+0.7980i	1.4665-1.1879i	-0.1833+0.4676i	-0.7188+0.8802i	-1.3307+0.8976i	-0.2866-2.6423i
46.3	0.5211-0.6087i	-0.3132+0.8654i	1.1506-0.7397i	-0.0106+0.3911i	-0.3828+0.9342i	-0.9592+0.6118i	-0.6490-2.6802i
46.4	0.5191-0.4608i	-0.2921+0.6844i	1.4447-0.4978i	-0.0872+0.3323i	-0.3596+0.7320i	-1.1038+0.3219i	-0.6852-2.4589i
46.5	0.6040-0.5594i	-0.3023+0.5773i	1.6430-0.5116i	-0.1246+0.1450i	-0.3862+0.6196i	-1.2542+0.2311i	-0.6926-2.2611i
46.6	0.6409-0.5765i	-0.2864+0.5244i	1.7198-0.4339i	-0.1369+0.1029i	-0.3755+0.5618i	-1.3570+0.0961i	-0.6870-2.2296i
46.7	0.5883-0.5639i	-0.3107+0.4161i	1.9395-0.3188i	-0.2541+0.0368i	-0.4037+0.4493i	-1.5805-0.0629i	-0.6618-2.1865i
46.8	0.6099-0.5579i	-0.3969+0.3262i	2.1232-0.3675i	-0.3689-0.0073i	-0.5006+0.3588i	-1.7937-0.0980i	-0.5837-2.0345i
46.9	0.6608-0.5979i	-0.4481+0.3252i	2.2204-0.4603i	-0.3932+0.0024i	-0.5551+0.3650i	-1.9532-0.0608i	-0.5080-1.9831i
47.0	0.7049-0.5830i	-0.5220+0.3781i	2.4810-0.7241i	-0.4636+0.1552i	-0.6355+0.4207i	-2.2922+0.2301i	-0.3427-2.0694i
47.1	0.7711-0.6237i	-0.5298+0.3847i	2.4397-1.1107i	-0.3609+0.2083i	-0.6492+0.4361i	-2.2704+0.6012i	-0.3737-2.2048i
47.2	0.7508-0.6418i	-0.6346+0.4119i	2.3433-1.3709i	-0.4885+0.2536i	-0.7545+0.4689i	-2.1976+0.7810i	-0.3311-2.2087i
47.3	0.7444-0.7057i	-0.6763+0.5032i	2.1159-1.5413i	-0.5473+0.3184i	-0.8000+0.5607i	-1.9959+0.9347i	-0.1801-2.2059i
47.4	0.6657-0.8865i	-0.6225+0.6384i	1.6971-1.7921i	-0.5265+0.4521i	-0.7468+0.7206i	-1.6976+1.1738i	-0.1226-2.4241i
47.5	0.4911-0.9255i	-0.5226+0.6472i	1.2106-1.6025i	-0.3867+0.4488i	-0.6242+0.7345i	-1.3216+1.0347i	-0.2815-2.5271i
47.6	0.3798-0.8460i	-0.4862+0.6431i	1.0256-1.0938i	-0.3285+0.3460i	-0.5733+0.7104i	-1.1396+0.6253i	-0.4067-2.4662i
47.7	0.4167-0.7856i	-0.3960+0.6212i	1.2203-0.8556i	-0.2984+0.2913i	-0.4927+0.6781i	-1.3239+0.4425i	-0.4489-2.4180i
47.8	0.3607-0.8036i	-0.4314+0.6445i	1.0905-1.0812i	-0.3845+0.4138i	-0.5257+0.7172i	-1.1696+0.5575i	-0.3307-2.5106i
47.9	0.2885-0.6369i	-0.4196+0.5630i	1.0867-0.5697i	-0.3673+0.4141i	-0.5014+0.6198i	-1.3445+0.0998i	-0.4262-2.5125i
48.0	0.3507-0.6758i	-0.4502+0.6413i	1.2978-0.5483i	-0.3865+0.4030i	-0.5479+0.7050i	-1.5877+0.2712i	-0.3523-2.5740i
48.1	0.1764-0.5792i	-0.2558+0.5447i	1.2890-0.2819i	-0.4021+0.3830i	-0.3300+0.6116i	-1.4650+0.0771i	-0.5195-2.6018i
48.2	0.2921-0.5987i	-0.3438+0.4560i	1.5169-0.4346i	-0.4480+0.2973i	-0.4320+0.5061i	-1.6625+0.2602i	-0.3934-2.4770i
48.3	0.2318-0.6622i	-0.2742+0.4416i	1.2473-0.5295i	-0.3962+0.3287i	-0.3613+0.5040i	-1.3965+0.3651i	-0.4291-2.5908i
48.4	0.1478-0.5161i	-0.3464+0.2554i	1.2042-0.0367i	-0.3837+0.2534i	-0.4267+0.2990i	-1.3160-0.0689i	-0.5925-2.4679i
48.5	0.2372-0.4029i	-0.4844+0.2293i	1.4118+0.2324i	-0.3565+0.2295i	-0.5742+0.2615i	-1.4899-0.3424i	-0.5506-2.3436i
48.6	0.2582-0.3065i	-0.5371+0.2729i	1.6925+0.4776i	-0.4089+0.1849i	-0.6320+0.2920i	-1.7398-0.4974i	-0.5732-2.2729i
48.7	0.4228-0.2674i	-0.6005+0.2489i	2.2421+0.5028i	-0.4884+0.0995i	-0.7185+0.2565i	-2.1368-0.5098i	-0.4660-2.1731i
48.8	0.5539-0.2934i	-0.7777+0.3710i	2.6883-0.0710i	-0.6571+0.2710i	-0.9321+0.3890i	-2.4554-0.1715i	-0.1686-2.1818i
48.9	0.5339-0.3938i	-0.6626+0.5172i	2.3974-0.4164i	-0.6136+0.3582i	-0.8151+0.5616i	-2.3360+0.0567i	-0.1237-2.3296i
49.0	0.5052-0.4824i	-0.5097+0.4442i	1.9922-0.3837i	-0.5276+0.3341i	-0.6496+0.5133i	-2.1315+0.0858i	-0.2114-2.4927i
49.1	0.3838-0.3808i	-0.4786+0.2504i	1.7129+0.1391i	-0.4483+0.2773i	-0.5879+0.3097i	-1.9152-0.2556i	-0.2989-2.5113i
49.2	0.5202-0.0838i	-0.6772+0.1208i	2.4372+0.5686i	-0.5193+0.2426i	-0.8005+0.1413i	-2.4490-0.5946i	-0.3023-2.2003i
49.3	0.6958-0.0864i	-0.8899+0.1910i	2.9959+0.3016i	-0.6800+0.2925i	-1.0443+0.2189i	-2.9395-0.3744i	-0.1068-2.1456i
49.4	0.8342-0.2546i	-1.0353+0.4068i	3.2140-0.1637i	-0.7856+0.4014i	-1.2121+0.4600i	-3.1224+0.0443i	0.1111-2.3099i
49.5	0.7816-0.4337i	-0.8085+0.5286i	2.6785-0.3081i	-0.6089+0.3820i	-0.9678+0.6050i	-2.6783+0.1199i	0.1153-2.5231i
49.6	0.7287-0.3210i	-0.7497+0.2856i	2.7518-0.0102i	-0.6191+0.3193i	-0.8974+0.3537i	-2.7706-0.1645i	0.0302-2.4316i
49.7	0.8271-0.3260i	-1.0308+0.2263i	3.1783+0.0857i	-0.7445+0.2330i	-1.1871+0.2853i	-3.1962-0.1693i	0.1286-2.3731i

49.8	0.9997-0.3478i	-1.2186+0.4557i	3.4578-0.3748i	-0.7590+0.4002i	-1.3854+0.5192i	-3.4563+0.2706i	0.3460-2.4413i
49.9	0.8821-0.3793i	-1.0307+0.6800i	2.9614-0.4523i	-0.6821+0.5150i	-1.1763+0.7565i	-2.9933+0.3972i	0.2569-2.6674i
50.0	0.9914-0.1544i	-0.8145+0.3892i	3.2904+0.3504i	-0.5557+0.3514i	-0.9518+0.4262i	-3.1858-0.3133i	0.0493-2.4756i
50.1	1.2252-0.1647i	-1.0731+0.3338i	4.0994-0.0236i	-0.7337+0.4078i	-1.2481+0.3695i	-3.8823-0.0169i	0.2484-2.3520i
50.2	1.3214-0.3342i	-1.2856+0.4679i	4.4606-0.6304i	-0.9260+0.5139i	-1.4848+0.5336i	-4.2173+0.5281i	0.4970-2.4349i
50.3	1.4223-0.4567i	-1.3596+0.5875i	4.4512-1.0385i	-0.9185+0.5854i	-1.5671+0.6681i	-4.2374+0.8862i	0.6894-2.5298i
50.4	1.3828-0.5558i	-1.2631+0.7606i	4.1355-1.3618i	-0.8509+0.7730i	-1.4581+0.8590i	-4.0424+1.2045i	0.7018-2.7649i
50.5	1.3093-0.6435i	-1.2200+0.7653i	3.8725-1.3386i	-0.7859+0.7883i	-1.4037+0.8701i	-3.7720+1.3019i	0.6613-2.9193i
50.6	1.3405-0.5829i	-1.3272+0.7524i	4.1296-1.2764i	-0.7940+0.7992i	-1.5182+0.8551i	-3.8708+1.2463i	0.6386-2.8655i
50.7	1.5865-0.6764i	-1.5746+0.8597i	4.6769-1.6396i	-0.9324+0.7963i	-1.8015+0.9713i	-4.3509+1.5124i	0.9256-2.8528i
50.8	1.5625-0.9414i	-1.5034+1.1900i	4.3041-2.2878i	-0.8500+1.0004i	-1.7140+1.3513i	-4.0165+2.1903i	1.1588-3.2323i
50.9	1.3477-1.1189i	-1.3243+1.3234i	3.7725-2.5343i	-0.7755+0.9444i	-1.4977+1.4954i	-3.4679+2.3633i	0.9684-3.5547i
51.0	1.2496-1.0248i	-1.1925+1.2709i	3.6254-2.1767i	-0.8087+0.9237i	-1.3506+1.4240i	-3.3235+2.0286i	0.7016-3.5876i
51.1	1.3254-1.1810i	-1.2726+1.3638i	3.7680-2.6128i	-0.9042+1.0508i	-1.4530+1.5438i	-3.4865+2.3518i	0.8957-3.6110i
51.2	0.9483-1.3581i	-0.8393+1.5639i	2.4105-2.2450i	-0.5090+1.0758i	-0.9526+1.7580i	-2.3100+2.1264i	0.5835-4.2385i
51.3	0.7932-0.9666i	-0.5600+1.0852i	2.7798-0.5897i	-0.4916+0.5870i	-0.6553+1.2073i	-2.5372+0.6477i	-0.0814-3.9761i
51.4	1.1247-0.6836i	-0.9105+0.6804i	4.3039-0.2545i	-0.8298+0.4202i	-1.0541+0.7569i	-3.8640+0.2846i	-0.0183-3.3716i
51.5	1.7825-0.7343i	-1.5644+0.7538i	5.9469-1.3150i	-1.2013+0.6252i	-1.8006+0.8299i	-5.3204+1.1597i	0.7151-2.9346i
51.6	2.1514-1.1486i	-1.7973+1.1315i	6.1350-2.7132i	-1.1926+0.8938i	-2.0745+1.2557i	-5.4734+2.3452i	1.4004-3.1561i
51.7	2.1827-1.6025i	-1.8220+1.5000i	5.8153-3.7471i	-1.1778+1.1046i	-2.1053+1.6825i	-5.2130+3.2257i	1.7154-3.6562i
51.8	1.9063-1.9104i	-1.6613+1.7373i	5.0113-4.2694i	-1.1331+1.2491i	-1.9151+1.9703i	-4.5435+3.6834i	1.7473-4.1730i
51.9	1.6421-1.9588i	-1.4386+1.7794i	4.3381-4.0966i	-0.9541+1.2971i	-1.6430+2.0151i	-4.0192+3.5327i	1.5702-4.5577i
52.0	1.5147-2.0716i	-1.3318+1.9776i	3.9997-4.5342i	-0.8493+1.4843i	-1.5133+2.2194i	-3.7669+3.9902i	1.3406-4.7932i
52.1	1.1586-2.2443i	-1.0063+2.1963i	3.0181-4.8740i	-0.6699+1.7081i	-1.1477+2.4677i	-2.8541+4.4181i	0.9936-5.1847i
52.2	0.8893-2.2223i	-0.7398+1.9928i	2.4513-4.1303i	-0.4342+1.5009i	-0.8566+2.2370i	-2.2655+3.7922i	0.5774-5.5042i
52.3	0.9546-1.8963i	-0.8338+1.7670i	2.9056-3.5045i	-0.3669+1.3383i	-0.9559+1.9675i	-2.4826+3.1421i	0.3225-5.1501i
52.4	1.1790-1.8112i	-1.0603+1.8117i	3.6879-3.7262i	-0.5801+1.3587i	-1.2259+2.0093i	-3.1942+3.2220i	0.4500-4.8689i
52.5	1.0585-2.1814i	-0.9691+2.1673i	3.1813-4.9473i	-0.6285+1.6085i	-1.1284+2.4251i	-2.9382+4.3577i	0.4939-5.3988i
52.6	0.6906-2.3578i	-0.5823+2.2320i	1.9584-4.9201i	-0.3769+1.5285i	-0.6965+2.4964i	-1.9284+4.3186i	-0.1244-5.7330i
52.7	0.8266-1.9198i	-0.4704+1.7506i	2.3137-3.3475i	-0.1994+1.2841i	-0.5760+1.9351i	-1.9506+2.9087i	-0.4490-5.2428i
52.8	1.2626-1.6931i	-0.9271+1.4477i	3.6257-3.0796i	-0.4027+1.1236i	-1.0915+1.5971i	-3.0141+2.5735i	-0.0789-4.5095i
52.9	1.4360-2.2075i	-1.2814+1.9701i	3.9058-4.7192i	-0.7235+1.3671i	-1.4977+2.1888i	-3.4258+3.9541i	0.5071-4.8280i
53.0	1.1572-2.6133i	-1.1069+2.2690i	3.0037-5.3046i	-0.7033+1.4611i	-1.3061+2.5427i	-2.7815+4.4712i	0.3770-5.3221i
53.1	0.7999-2.5573i	-0.9574+2.2256i	2.4809-4.8087i	-0.7877+1.4340i	-1.1165+2.5122i	-2.3808+4.1298i	0.0995-5.2424i
53.2	0.9441-2.6681i	-1.0131+2.3282i	2.6832-4.9309i	-0.7022+1.4785i	-1.1855+2.6139i	-2.4584+4.0848i	0.3126-5.4730i
53.3	0.7920-2.8312i	-0.8958+2.4570i	2.3681-5.0881i	-0.6690+1.4207i	-1.0634+2.7677i	-2.3610+4.0737i	0.2274-5.6741i
53.4	0.4525-2.7723i	-0.5597+2.5472i	1.6678-4.9614i	-0.5492+1.5346i	-0.6819+2.8631i	-1.8279+4.0666i	-0.1107-5.9238i
53.5	0.5039-2.2822i	-0.3788+2.1430i	1.9146-3.6924i	-0.4456+1.2846i	-0.4832+2.3733i	-1.8407+3.0407i	-0.5721-5.4938i
53.6	0.8768-2.2599i	-0.7644+1.9889i	3.0546-3.8975i	-0.8404+1.3189i	-0.9386+2.2183i	-2.9093+3.2245i	-0.0880-5.0084i
53.7	0.8541-2.6748i	-0.9170+2.2467i	2.8434-4.8971i	-0.9740+1.5429i	-1.1101+2.5394i	-2.9296+4.0299i	0.2326-5.2941i
53.8	0.6204-2.9427i	-0.8902+2.5124i	2.4176-5.4507i	-1.0912+1.8179i	-1.0769+2.8681i	-2.7747+4.6287i	0.2330-5.6323i
53.9	0.3972-3.1591i	-0.7030+2.8239i	1.9564-5.9257i	-0.9003+2.2438i	-0.8460+3.2343i	-2.3027+5.2372i	0.1836-6.3201i
54.0	-0.0428-3.0145i	-0.3330+2.6781i	1.0631-5.5040i	-0.5159+2.2072i	-0.3895+3.0780i	-1.4485+4.9566i	-0.5890-6.5397i
54.1	0.4004-2.7046i	-0.8447+2.3810i	2.1216-4.7921i	-0.8133+1.8236i	-0.9507+2.6994i	-2.3785+4.1971i	-0.3502-5.8064i
54.2	0.5516-3.2074i	-0.9623+2.8946i	2.1711-5.8345i	-0.9921+2.0708i	-1.1253+3.2577i	-2.4973+5.0948i	0.1079-6.1870i
54.3	0.0856-3.4795i	-0.6137+3.1540i	1.2765-6.0945i	-0.8888+2.3374i	-0.7430+3.5816i	-1.8509+5.4187i	-0.2170-6.6894i
54.4	-0.0787-3.5425i	-0.3603+3.2809i	0.8059-6.0567i	-0.5716+2.5585i	-0.4508+3.7240i	-1.2593+5.4038i	-0.4254-7.0909i
54.5	-0.3343-3.2853i	-0.1115+3.1039i	0.4378-5.4084i	-0.2872+2.5474i	-0.1548+3.5200i	-0.8526+4.9445i	-0.8756-6.9005i
54.6	-0.2670-2.8242i	-0.3193+2.7620i	1.2012-4.5909i	-0.3703+2.3458i	-0.3697+3.1209i	-1.5023+4.3762i	-1.0000-6.2030i
54.7	0.2178-2.9714i	-0.8324+2.9237i	2.5582-5.2902i	-0.7088+2.1948i	-0.9857+3.2913i	-2.6163+4.7348i	-0.5156-5.9698i
54.8	0.1441-3.3186i	-0.6083+3.4234i	1.9654-6.3451i	-0.5374+2.6628i	-0.7325+3.8777i	-1.9956+5.6968i	-0.3303-6.5019i
54.9	-0.3589-3.5117i	-0.0462+3.6834i	0.6163-6.5558i	-0.1555+2.9714i	-0.0873+4.1839i	-0.8697+6.0298i	-0.7717-6.9820i
55.0	-0.6731-3.5103i	0.2471+3.6900i	-0.0134-6.3655i	0.0154+2.9932i	0.2506+4.1917i	-0.4049+5.9111i	-1.1741-7.0718i
55.1	-0.8173-3.3812i	0.4467+3.5868i	-0.2607-6.0332i	0.1969+2.9412i	0.4794+4.0710i	-0.1706+5.6556i	-1.4566-6.9338i
55.2	-0.8321-3.4040i	0.5589+3.5888i	-0.4186-6.0141i	0.4155+2.9149i	0.6177+4.0837i	0.1412+5.5820i	-1.4133-7.0009i
55.3	-0.9332-3.3595i	0.7199+3.4636i	-0.6192-5.6652i	0.5516+2.6721i	0.8068+3.9343i	0.3181+5.0832i	-1.4870-6.9893i
55.4	-1.0896-3.0919i	0.9238+3.1884i	-0.6064-4.9456i	0.6465+2.4040i	1.0462+3.6108i	0.3472+4.4207i	-1.8735-6.7345i
55.5	-0.8692-2.9549i	0.7020+3.0706i	0.1821-5.0005i	0.3726+2.5013i	0.7843+3.4719i	-0.3365+4.6262i	-1.6054-6.3740i
55.6	-0.8722-3.2226i	0.6187+3.3055i	-0.0474-5.7671i	0.3421+2.7836i	0.6893+3.7495i	-0.2518+5.3332i	-1.3149-6.5854i
55.7	-1.2719-3.1801i	1.0236+3.3807i	-1.0305-5.5235i	0.7840+2.8782i	1.1717+3.8339i	0.7157+5.2369i	-1.7076-6.7924i
55.8	-1.4179-3.1418i	1.1988+3.3351i	-1.2366-5.2492i	0.9416+2.7713i	1.3762+3.7718i	0.9712+4.9607i	-1.9040-6.8700i
55.9	-1.4929-2.9256i	1.3367+3.1536i	-1.2374-4.6925i	1.0707+2.6082i	1.5330+3.5559i	1.0592+4.4933i	-2.0757-6.7391i
56.0	-1.1356-2.6477i	1.1446+2.8038i	-0.0766-4.0720i	0.8211+2.2863i	1.3012+3.1379i	0.1700+3.8345i	-1.8720-6.3583i

56.1	-0.7807-2.9337i	0.7744+2.9149i	0.7485-5.0132i	0.5175+2.5070i	0.8552+3.2747i	-0.5444+4.5846i	-1.3581-6.3606i
56.2	-1.3028-3.3369i	1.0393+3.3427i	-0.5231-5.9345i	0.8054+2.8780i	1.1637+3.7817i	0.3746+5.4430i	-1.6368-6.9193i
56.3	-1.6732-3.3374i	1.4111+3.4347i	-1.3632-5.8665i	1.1356+2.9095i	1.6092+3.8859i	1.1079+5.3906i	-2.0453-7.1441i
56.4	-1.7962-3.2322i	1.5980+3.3167i	-1.6983-5.5514i	1.3332+2.7627i	1.8337+3.7414i	1.4790+5.0392i	-2.1638-7.0988i
56.5	-1.8986-3.1509i	1.6949+3.2583i	-1.8157-5.2425i	1.4108+2.7162i	1.9440+3.6610i	1.6362+4.8236i	-2.2546-7.1324i
56.6	-2.0462-3.0213i	1.8209+3.2165i	-1.9470-4.9460i	1.4962+2.7528i	2.0807+3.6182i	1.7897+4.7415i	-2.4848-7.0404i
56.7	-2.1214-2.8914i	1.8946+3.1007i	-2.0015-4.6753i	1.5325+2.6480i	2.1665+3.4801i	1.7994+4.4746i	-2.5194-6.9176i
56.8	-2.2088-2.7747i	2.0336+2.9790i	-2.0615-4.4424i	1.6758+2.5228i	2.3284+3.3357i	1.9368+4.1922i	-2.6677-6.8527i
56.9	-2.2152-2.5297i	2.0575+2.7850i	-1.9546-3.9836i	1.7170+2.4102i	2.3534+3.1137i	1.9566+3.8909i	-2.7212-6.6061i
57.0	-2.2331-2.3326i	2.1070+2.6217i	-1.8388-3.5814i	1.7269+2.3097i	2.4106+2.9243i	1.8886+3.6098i	-2.8001-6.4200i
57.1	-2.1009-2.2279i	2.0500+2.4578i	-1.3033-3.4668i	1.6419+2.1757i	2.3314+2.7324i	1.4562+3.3669i	-2.8618-6.2709i
57.2	-1.6942-2.4296i	1.6765+2.5210i	-0.2723-4.2234i	1.3408+2.2859i	1.8930+2.8032i	0.6402+3.7668i	-2.4239-6.2802i
57.3	-1.7793-2.6549i	1.6194+2.7058i	-0.7297-4.7657i	1.4791+2.4644i	1.8541+3.0192i	0.9815+4.1835i	-2.1533-6.4541i
57.4	-1.9987-2.6881i	1.7204+2.8412i	-1.1833-4.7843i	1.5721+2.4857i	1.9761+3.1677i	1.2369+4.3036i	-2.2091-6.5802i
57.5	-2.2287-2.9118i	2.0222+3.1733i	-1.7831-5.2919i	1.7923+2.7154i	2.3112+3.5384i	1.8172+4.8360i	-2.3349-6.9463i
57.6	-2.5087-2.8323i	2.3449+3.0741i	-2.3608-5.0420i	2.0065+2.6181i	2.6694+3.4198i	2.3043+4.5689i	-2.6308-6.9480i
57.7	-2.6558-2.7445i	2.4760+2.9683i	-2.5240-4.6930i	2.0621+2.5400i	2.8132+3.3006i	2.3710+4.2892i	-2.7630-6.9890i
57.8	-2.6696-2.5788i	2.5024+2.7800i	-2.4994-4.3398i	2.1264+2.3793i	2.8501+3.0758i	2.3996+3.9398i	-2.7524-6.8354i
57.9	-2.6989-2.4437i	2.5544+2.6265i	-2.4986-4.1021i	2.1860+2.2621i	2.9119+2.9011i	2.4477+3.6646i	-2.7154-6.7078i
58.0	-2.7528-2.3185i	2.6448+2.5004i	-2.5300-3.9449i	2.2545+2.1874i	3.0095+2.7617i	2.5197+3.4797i	-2.7926-6.5877i
58.1	-2.7995-2.1985i	2.7350+2.3755i	-2.5279-3.8308i	2.3880+2.0783i	3.1200+2.6151i	2.6868+3.2779i	-2.8429-6.5383i
58.2	-2.7835-2.0886i	2.7126+2.2647i	-2.5021-3.6471i	2.3717+1.9940i	3.0910+2.4866i	2.6549+3.1070i	-2.7708-6.4598i
58.3	-2.6611-2.1013i	2.5584+2.2497i	-2.3531-3.4639i	2.2594+1.9633i	2.9101+2.4653i	2.4064+2.9378i	-2.5601-6.3698i
58.4	-2.7561-2.1607i	2.6626+2.3148i	-2.2559-3.5766i	2.3605+1.9967i	3.0254+2.5333i	2.3853+2.9770i	-2.4923-6.6455i
58.5	-2.8403-2.0355i	2.7791+2.2063i	-2.2732-3.4737i	2.4364+1.9450i	3.1540+2.4058i	2.4567+2.9239i	-2.5164-6.6372i
58.6	-2.9645-2.0222i	2.8887+2.1836i	-2.3376-3.4437i	2.5108+1.9519i	3.2835+2.3744i	2.5161+2.9273i	-2.5624-6.7697i
58.7	-3.0088-2.0385i	2.9114+2.1902i	-2.3233-3.4556i	2.5109+1.9421i	3.3062+2.3761i	2.4334+2.9104i	-2.5456-6.9281i
58.8	-2.9923-1.8814i	2.9242+2.0094i	-2.3218-3.2855i	2.5465+1.7994i	3.3203+2.1828i	2.4243+2.7409i	-2.6101-6.7115i
58.9	-2.9530-1.7994i	2.9184+1.9202i	-2.2067-3.1573i	2.5922+1.7906i	3.3140+2.0922i	2.4684+2.7024i	-2.4728-6.6371i
59.0	-2.9853-1.7439i	2.9292+1.8397i	-2.1717-3.0728i	2.5699+1.7367i	3.3193+2.0005i	2.4186+2.6171i	-2.4393-6.5764i
59.1	-3.0357-1.8295i	2.9577+1.9349i	-2.1244-3.1929i	2.5790+1.7699i	3.3538+2.0878i	2.3678+2.6423i	-2.3713-6.8135i
59.2	-3.1305-1.7719i	3.0612+1.8661i	-2.1844-3.2019i	2.6769+1.7087i	3.4694+2.0083i	2.3949+2.5580i	-2.4016-6.9412i
59.3	-3.1379-1.7639i	3.0673+1.8470i	-2.0764-3.1985i	2.7155+1.7206i	3.4827+1.9861i	2.4401+2.5665i	-2.2436-7.0563i
59.4	-3.1697-1.6605i	3.1194+1.7188i	-2.0723-3.1698i	2.7966+1.6621i	3.5333+1.8414i	2.5375+2.5190i	-2.2812-7.0631i
59.5	-3.2120-1.6506i	3.1145+1.7069i	-2.1070-3.2105i	2.8110+1.6636i	3.5338+1.8233i	2.4927+2.5612i	-2.2809-7.2352i
59.6	-3.2917-1.5404i	3.2146+1.5785i	-2.1369-3.2189i	2.9501+1.5285i	3.6519+1.6733i	2.6379+2.3988i	-2.3196-7.3525i
59.7	-3.2854-1.6547i	3.1378+1.6835i	-2.0753-3.3555i	2.8882+1.6141i	3.5652+1.7849i	2.4791+2.4889i	-2.0881-7.6635i
59.8	-3.3518-1.6314i	3.1567+1.6314i	-2.0657-3.3553i	2.9368+1.6050i	3.5786+1.7224i	2.3810+2.4902i	-2.0031-7.8996i
59.9	-3.3415-1.5287i	3.1308+1.4964i	-2.0832-3.2498i	3.2419+0.7499i	3.5552+1.5694i	2.3956+2.4029i	-1.9533-7.8400i
60.0	-3.4110-1.3367i	3.1756+1.3506i	-2.2271-3.1149i	-0.2147+1.6609i	3.6004+1.4073i	2.4800+2.3178i	-1.9805-7.6430i
60.1	-3.4841-1.2311i	3.2493+1.2160i	-2.2876-3.1509i	1.5819+1.1542i	3.6776+1.2476i	2.5960+2.1019i	-2.2687-7.9233i
60.2	-3.5379-1.2682i	3.2927+1.2178i	-2.2915-3.2126i	3.0003+1.2623i	3.7252+1.2429i	2.5578+2.0846i	-2.1938-8.2979i
60.3	-3.5882-1.3024i	3.2967+1.2608i	-2.2718-3.2836i	3.1257+1.3299i	3.7332+1.2874i	2.5531+2.1364i	-2.0634-8.6310i
60.4	-3.5788-1.2444i	3.2636+1.2553i	-2.2415-3.2851i	3.1548+1.2873i	3.7024+1.2747i	2.5806+2.0523i	-2.1201-8.7849i
60.5	-3.6415-1.1550i	3.3353+1.1821i	-2.2982-3.2507i	3.2140+1.2648i	3.7818+1.1934i	2.6324+2.0238i	-2.2768-8.8787i
60.6	-3.6077-1.1619i	3.2542+1.1240i	-2.2243-3.2680i	3.2097+1.2250i	3.6936+1.1172i	2.5579+1.9106i	-2.1279-8.9987i
60.7	-3.7693-1.0972i	3.4080+1.0618i	-2.3758-3.3407i	3.3144+1.1803i	3.8616+1.0351i	2.6431+1.8740i	-2.3314-9.3018i
60.8	-3.8436-1.0300i	3.4518+1.0443i	-2.5095-3.3374i	3.3524+1.1716i	3.8913+1.0167i	2.5733+1.8985i	-2.5303-9.5373i
60.9	-3.8693-0.9538i	3.4441+0.9572i	-2.5363-3.3325i	3.3743+1.1012i	3.8779+0.9181i	2.5106+1.8038i	-2.5924-9.6975i
61.0	-3.9651-0.9314i	3.4892+0.9400i	-2.5924-3.4106i	3.4916+1.0634i	3.9424+0.8844i	2.5516+1.8081i	-2.7303-10.0722i
61.1	-4.0098-0.8035i	3.5410+0.7989i	-2.6670-3.3401i	3.5736+0.9851i	3.9883+0.7310i	2.6395+1.7830i	-2.9580-10.2075i
61.2	-3.9482-0.7651i	3.4503+0.7649i	-2.6461-3.2953i	3.5161+0.9338i	3.8807+0.6949i	2.5348+1.6791i	-2.8962-10.1885i
61.3	-3.9926-0.7879i	3.4863+0.8200i	-2.6843-3.3656i	3.5641+0.9448i	3.9198+0.7444i	2.4634+1.6426i	-2.9068-10.5041i
61.4	-4.1303-0.6377i	3.5791+0.7014i	-2.8208-3.3719i	3.7075+0.8506i	4.0298+0.5933i	2.5975+1.5799i	-3.2885-10.7704i
61.5	-4.2781-0.5120i	3.6689+0.5383i	-2.9347-3.3911i	3.8223+0.7776i	4.1179+0.4058i	2.6797+1.5537i	-3.4468-11.1270i
61.6	-4.2107-0.4332i	3.5108+0.4836i	-2.9131-3.3598i	3.7823+0.7098i	3.9462+0.3411i	2.5475+1.4587i	-3.3473-11.1698i
61.7	-4.2414-0.2232i	3.4903+0.2914i	-3.0489-3.2361i	3.8616+0.5442i	3.9173+0.1217i	2.5355+1.3463i	-3.8005-11.2130i
61.8	-4.3700-0.0751i	3.6094+0.2130i	-3.1936-3.2303i	4.0187+0.4641i	4.0370+0.0313i	2.6616+1.3794i	-4.2580-11.6846i
61.9	-4.3797-0.0636i	3.5935+0.2357i	-3.1985-3.3017i	4.0498+0.4246i	4.0213+0.0462i	2.6570+1.3218i	-4.2935-11.9416i
62.0	-4.4288+0.0726i	3.6132+0.1324i	-3.3237-3.3045i	4.1098+0.2932i	4.0420-0.0813i	2.6215+1.2803i	-4.6001-12.2948i
62.1	-4.4016+0.1767i	3.5906+0.0492i	-3.4381-3.2060i	4.0960+0.1676i	4.0032-0.1763i	2.5580+1.1786i	-4.9975-12.2443i
62.2	-4.4407+0.2959i	3.5682-0.0417i	-3.5713-3.1371i	4.1854+0.0666i	3.9683-0.2755i	2.5733+1.1443i	-5.3958-12.4867i
62.3	-4.3193+0.3933i	3.3352-0.0698i	-3.4863-2.9945i	4.1223-0.0081i	3.7239-0.3000i	2.5177+1.2029i	-5.4585-12.4444i

62.4	-4.2791+0.5766i	3.3059-0.1895i	-3.5319-2.9298i	4.1211-0.1665i	3.6875-0.4419i	2.5912+1.0495i	-5.8720-12.3898i
62.5	-4.3787+0.7292i	3.3991-0.3363i	-3.7830-2.9525i	4.1895-0.3524i	3.7720-0.6317i	2.5179+0.9497i	-6.4433-12.6827i
62.6	-4.5286+0.8330i	3.5223-0.4314i	-4.0161-3.0089i	4.3524-0.4527i	3.8944-0.7489i	2.5326+0.9737i	-6.9438-13.3250i
62.7	-4.5243+0.8958i	3.4775-0.3700i	-4.0920-2.9696i	4.3595-0.5114i	3.8381-0.6978i	2.4643+1.0338i	-7.1646-13.6103i
62.8	-4.3530+0.8891i	3.3384-0.2291i	-3.8935-2.8836i	4.2218-0.5230i	3.6876-0.5450i	2.4592+1.0096i	-7.0188-13.2513i
62.9	-4.2590+1.1606i	3.2688-0.4547i	-3.9880-2.5559i	4.2160-0.7567i	3.6037-0.7770i	2.5041+0.9620i	-7.9158-12.8153i
63.0	-4.2402+1.3332i	3.2035-0.5432i	-4.0800-2.4678i	4.2891-0.9576i	3.5332-0.8964i	2.5731+0.8789i	-8.5793-12.8711i
63.1	-4.3794+1.4240i	3.2866-0.5907i	-4.3711-2.6302i	4.3341-1.0907i	3.5944-0.9833i	2.4509+0.8391i	-9.1324-13.4931i
63.2	-4.2096+1.5463i	3.1469-0.6221i	-4.3405-2.3149i	4.2811-1.2021i	3.4301-0.9990i	2.5184+0.8303i	-9.7838-13.1171i
63.3	-4.1828+1.6557i	3.0789-0.6237i	-4.3448-2.2909i	4.2656-1.3546i	3.3552-1.0222i	2.5035+0.8252i	-10.2139-13.1521i
63.4	-4.0559+1.7275i	2.9237-0.6301i	-4.3267-2.2777i	4.1291-1.4955i	3.1847-1.0482i	2.4368+0.7046i	-10.4463-12.9723i
63.5	-4.0884+1.8128i	2.9630-0.7183i	-4.4086-2.2513i	4.1858-1.6329i	3.2178-1.1526i	2.4745+0.6625i	-10.8805-13.0467i
63.6	-3.9800+1.7619i	2.8347-0.6200i	-4.2932-2.2211i	4.0712-1.6452i	3.0728-1.0497i	2.3976+0.6883i	-10.6825-12.8607i
63.7	-3.9582+1.9302i	2.7541-0.6870i	-4.4733-2.1095i	4.0501-1.8309i	2.9645-1.1348i	2.4074+0.6743i	-11.4906-12.8929i
63.8	-3.9948+2.0196i	2.8525-0.7092i	-4.6169-2.1866i	4.0423-1.9493i	3.0415-1.1898i	2.4265+0.5800i	-12.0049-13.0547i
63.9	-3.9303+2.0417i	2.7656-0.5883i	-4.6976-2.0681i	3.9398-1.9951i	2.9225-1.0610i	2.3611+0.6410i	-12.4518-12.8561i
64.0	-3.8938+2.1924i	2.7335-0.6577i	-4.7896-1.9352i	3.9148-2.1762i	2.8770-1.1322i	2.4479+0.5424i	-13.1197-12.5378i
64.1	-3.7484+2.2292i	2.6332-0.6632i	-4.7345-1.7864i	3.7594-2.2673i	2.7574-1.1343i	2.4450+0.4711i	-13.3245-12.0841i
64.2	-3.5969+2.2445i	2.6274-0.6249i	-4.5969-1.6304i	3.6273-2.3343i	2.7356-1.0872i	2.5244+0.4088i	-13.5978-11.4040i
64.3	-3.5766+2.3678i	2.7178-0.5602i	-4.7596-1.4962i	3.5411-2.4202i	2.7915-1.0223i	2.4795+0.3729i	-14.2655-10.9421i
64.4	-3.7034+2.4133i	2.8348-0.4900i	-4.9506-1.6426i	3.5557-2.5526i	2.8997-0.9837i	2.4598+0.2605i	-14.8614-11.0247i
64.5	-3.6299+2.4138i	2.7593-0.4580i	-4.9159-1.4782i	3.4203-2.5597i	2.8085-0.9337i	2.4656+0.2366i	-14.9482-10.6236i
64.6	-3.5948+2.5513i	2.5996-0.5581i	-5.0564-1.2034i	3.3236-2.6569i	2.6155-1.0193i	2.4068+0.2314i	-15.5042-10.2158i
64.7	-3.5880+2.5582i	2.4778-0.5324i	-5.0563-0.9752i	3.2132-2.6480i	2.4766-0.9723i	2.3174+0.2610i	-15.6684-9.6318i
64.8	-3.6944+2.5991i	2.6604-0.5089i	-5.1481-1.0160i	3.2531-2.6674i	2.6536-0.9543i	2.3499+0.1217i	-15.9732-9.6349i
64.9	-3.6508+2.6852i	2.7359-0.5035i	-5.1768-0.8908i	3.1526-2.7419i	2.7043-0.9494i	2.2611+0.0185i	-16.1113-8.9671i
65.0	-3.6792+2.9526i	2.8671-0.5117i	-5.3037-0.6179i	3.1241-2.9176i	2.8149-0.9659i	2.3291-0.0043i	-16.7983-8.2133i
65.1	-3.7200+3.1152i	2.8920-0.5174i	-5.3376-0.5519i	3.1415-3.0299i	2.8378-0.9926i	2.3557-0.1451i	-17.0392-8.0838i
65.2	-3.6143+3.3118i	2.9110-0.5374i	-5.3515-0.3015i	3.0563-3.1088i	2.8286-0.9988i	2.3752-0.1355i	-17.3123-7.6864i
65.3	-3.5753+3.3647i	2.8027-0.3952i	-5.4200-0.2539i	2.9007-3.0426i	2.6760-0.8477i	2.1455-0.0984i	-17.0799-7.6007i
65.4	-3.5489+3.4217i	2.9170-0.4145i	-5.5002-0.2955i	2.8376-3.0174i	2.7531-0.8703i	1.9444-0.1859i	-16.9346-7.4935i
65.5	-3.3746+3.6862i	3.0840-0.4604i	-5.3724-0.1023i	2.7736-3.1790i	2.9050-0.9181i	2.0235-0.3575i	-17.2200-6.6578i
65.6	-3.2159+3.9341i	3.1547-0.4162i	-5.3045+0.1540i	2.6924-3.2802i	2.9660-0.8552i	2.0457-0.3348i	-17.6028-5.9183i
65.7	-3.0703+3.9603i	3.1872-0.4228i	-5.1592+0.3532i	2.6439-3.2510i	2.9968-0.8287i	2.0191-0.2728i	-17.4187-5.3531i
65.8	-2.9115+4.2367i	3.1937-0.5011i	-5.2507+0.6081i	2.5432-3.4389i	2.9675-0.9063i	1.8212-0.3061i	-17.7589-4.6592i
65.9	-2.8907+4.3279i	3.3130-0.5702i	-5.2839+0.6509i	2.5636-3.5282i	3.0705-0.9652i	1.7980-0.3303i	-17.9317-4.6390i
66.0	-2.6755+4.4748i	3.3201-0.6936i	-5.1340+0.9071i	2.4595-3.6172i	3.0736-1.0553i	1.7541-0.3011i	-17.7334-3.8018i
66.1	-2.5350+4.6755i	3.3902-0.7003i	-5.2733+0.9646i	2.3368-3.8014i	3.1102-1.0892i	1.5897-0.3515i	-17.8164-3.6048i
66.2	-2.2699+4.8607i	3.4382-0.7636i	-5.2055+1.1631i	2.1442-3.9587i	3.1432-1.1411i	1.5842-0.3646i	-17.9723-3.0314i
66.3	-1.8642+5.0194i	3.5238-0.9568i	-5.0355+1.3663i	1.8664-4.1390i	3.2038-1.3207i	1.5981-0.4581i	-17.7246-2.1160i
66.4	-1.6652+5.0789i	3.6167-0.9832i	-5.0375+1.5304i	1.7280-4.1355i	3.2595-1.3419i	1.5211-0.3690i	-17.5563-2.0163i
66.5	-1.4520+5.0800i	3.7029-0.9762i	-4.9597+1.5935i	1.5584-4.1237i	3.3290-1.3198i	1.4860-0.3122i	-17.5140-2.0789i
66.6	-1.2944+4.9901i	3.7713-1.0485i	-4.8195+1.6233i	1.4559-4.0571i	3.3962-1.3668i	1.4614-0.2921i	-17.2282-1.9507i
66.7	-0.9475+4.9479i	3.8758-1.2169i	-4.6241+1.8077i	1.2575-4.0310i	3.4792-1.5033i	1.5530-0.3030i	-17.2176-1.3514i
66.8	-0.5857+5.0305i	3.9459-1.3694i	-4.5353+2.0740i	1.0197-4.0679i	3.5180-1.6225i	1.5214-0.2073i	-17.4171-0.6903i
66.9	-0.3421+4.9322i	3.9111-1.5243i	-4.3631+2.1214i	0.8714-4.0321i	3.4758-1.7547i	1.5455-0.2029i	-17.2766-0.3042i
67.0	-0.1810+4.7920i	3.8790-1.5806i	-4.4091+2.1090i	0.7051-3.9200i	3.4127-1.7989i	1.2998-0.2162i	-17.0737-0.1722i
67.1	0.1301+4.6619i	3.7686-1.7520i	-4.2385+2.0971i	0.4553-3.8691i	3.2995-1.9663i	1.2093-0.3722i	-16.5662+0.4237i
67.2	0.2546+4.5479i	3.8824-1.9895i	-4.1178+2.2857i	0.4356-3.8012i	3.3990-2.1422i	1.3979-0.3040i	-16.6532+0.7253i
67.3	0.4687+4.4153i	3.8338-2.2044i	-3.8787+2.3989i	0.3324-3.7763i	3.3545-2.3227i	1.5807-0.3823i	-16.5586+1.2326i
67.4	0.7590+4.1815i	3.7090-2.3693i	-3.7728+2.4002i	0.0890-3.6387i	3.2122-2.4683i	1.4565-0.4933i	-16.1762+1.7656i
67.5	0.8656+3.9840i	3.6466-2.4586i	-3.6825+2.4708i	0.0046-3.5227i	3.1453-2.5193i	1.4168-0.4171i	-15.8938+1.9822i
67.6	0.9880+3.7307i	3.5278-2.5945i	-3.5043+2.4814i	-0.0848-3.4135i	3.0306-2.6199i	1.4516-0.4395i	-15.4546+2.4199i
67.7	1.2769+3.5147i	3.3883-2.5969i	-3.3427+2.5407i	-0.2753-3.2707i	2.8807-2.6029i	1.3947-0.3878i	-15.0330+2.9652i
67.8	1.3058+3.4860i	3.4055-2.6392i	-3.3576+2.5809i	-0.2710-3.2411i	2.9026-2.6194i	1.4115-0.3487i	-15.1805+2.9995i
67.9	1.3399+3.3427i	3.3563-2.7042i	-3.3032+2.6219i	-0.2751-3.1721i	2.8625-2.6541i	1.4158-0.3318i	-15.0226+3.2402i
68.0	1.4384+3.1113i	3.4061-2.8337i	-3.3217+2.7969i	-0.3364-3.0378i	2.8901-2.7155i	1.4477-0.2797i	-14.9544+3.6903i
68.1	1.4175+2.8762i	3.2052-2.8801i	-3.1435+2.8174i	-0.3797-2.9021i	2.7060-2.7279i	1.4158-0.3133i	-14.1837+3.9359i
68.2	1.4519+2.7284i	3.0113-2.9894i	-2.9305+2.9245i	-0.4606-2.8202i	2.5457-2.8032i	1.4735-0.3803i	-13.7073+4.4427i
68.3	1.5167+2.6496i	2.9847-3.0067i	-2.9212+2.9690i	-0.5225-2.7843i	2.5344-2.8128i	1.4849-0.5013i	-13.5296+4.5490i
68.4	1.4736+2.4033i	2.9383-3.0736i	-2.7523+2.8543i	-0.5213-2.6892i	2.5292-2.8536i	1.4524-0.7080i	-12.8783+4.5495i
68.5	1.4436+2.1691i	2.8557-3.1904i	-2.6276+2.9185i	-0.4937-2.6019i	2.4725-2.9350i	1.4090-0.7916i	-12.5740+4.6237i
68.6	1.3795+2.1215i	2.8058-3.2694i	-2.5797+3.0252i	-0.4644-2.5908i	2.4467-2.9975i	1.3776-0.8158i	-12.4919+4.6119i

68.7	1.3998+1.8660i	2.7110-3.2016i	-2.3693+2.9577i	-0.5547-2.4760i	2.3569-2.9250i	1.3507-0.8486i	-11.7668+4.7104i
68.8	1.3192+1.6565i	2.6092-3.2186i	-2.1700+2.8849i	-0.5722-2.3686i	2.2947-2.9275i	1.3152-0.9279i	-11.1475+4.6610i
68.9	1.3005+1.5887i	2.4741-3.2371i	-2.0623+2.9255i	-0.6203-2.3000i	2.1794-2.9469i	1.2036-0.8863i	-10.8438+4.6428i
69.0	1.1750+1.4778i	2.4598-3.3907i	-1.9794+2.9838i	-0.5899-2.2388i	2.1834-3.0714i	1.1929-0.9289i	-10.6501+4.5893i
69.1	1.0659+1.3247i	2.3370-3.4863i	-1.7880+2.8711i	-0.6032-2.1666i	2.0949-3.1658i	1.1533-1.0999i	-10.1006+4.5830i
69.2	0.9941+1.3349i	2.2181-3.5859i	-1.6619+2.9763i	-0.5876-2.1569i	2.0033-3.2601i	1.0653-1.0858i	-10.0618+4.5361i
69.3	0.8385+1.2622i	2.1233-3.5365i	-1.5782+2.9163i	-0.4931-2.0875i	1.9352-3.2027i	0.9413-1.0461i	-9.7247+4.1131i
69.4	0.7892+1.2291i	1.9132-3.6508i	-1.4148+2.8936i	-0.5081-2.0949i	1.7651-3.3139i	0.8270-1.1157i	-9.6008+4.2231i
69.5	0.7416+1.1424i	1.6687-3.6696i	-1.1562+2.8276i	-0.5922-1.9945i	1.5561-3.3348i	0.7093-1.1385i	-9.1866+4.4082i
69.6	0.6585+1.1260i	1.5786-3.6296i	-1.0758+2.6878i	-0.6293-1.9227i	1.4882-3.3129i	0.6771-1.1772i	-8.9815+4.2865i
69.7	0.5633+1.0597i	1.5578-3.6230i	-1.0873+2.6172i	-0.5814-1.8417i	1.4712-3.3059i	0.5821-1.1418i	-8.7517+4.0493i
69.8	0.5096+1.0258i	1.3848-3.5423i	-0.9542+2.5550i	-0.5399-1.7718i	1.3162-3.2276i	0.4864-1.1438i	-8.4961+3.9248i
69.9	0.4581+1.0645i	1.2956-3.4148i	-0.9576+2.4351i	-0.5616-1.7629i	1.2341-3.1254i	0.4305-1.1269i	-8.5941+3.6343i
70.0	0.3428+1.0535i	1.2220-3.4210i	-0.9103+2.3778i	-0.4859-1.7267i	1.1911-3.1357i	0.3468-1.1067i	-8.4767+3.4909i
70.1	0.3157+1.0168i	1.2348-3.2467i	-0.8404+2.2396i	-0.4309-1.6590i	1.2105-2.9799i	0.2975-1.0655i	-8.3081+3.2680i
70.2	0.2498+0.9975i	1.2129-3.1026i	-0.8049+2.0457i	-0.3967-1.6167i	1.1890-2.8631i	0.2672-1.0528i	-8.0643+2.9964i
70.3	0.1586+1.0347i	1.1214-3.1019i	-0.7524+2.0357i	-0.3721-1.6177i	1.1164-2.8621i	0.1646-0.9986i	-8.0451+2.9242i
70.4	0.1133+1.0009i	1.2245-3.0815i	-0.8089+2.0430i	-0.3508-1.5544i	1.2076-2.8369i	0.0820-0.9626i	-8.1751+2.9681i
70.5	0.0080+1.0535i	1.1910-3.1364i	-0.7565+2.0147i	-0.2478-1.5938i	1.1926-2.8965i	-0.0065-0.9307i	-8.1917+2.9523i
70.6	-0.0670+1.0840i	1.1763-3.1499i	-0.7162+1.9598i	-0.1989-1.6220i	1.1965-2.9105i	0.0070-0.9182i	-8.1418+2.7917i
70.7	-0.1006+1.1116i	1.2016-3.1619i	-0.7792+1.9047i	-0.2218-1.6118i	1.2194-2.9267i	-0.0358-0.8968i	-8.2209+2.7621i
70.8	-0.1526+1.1601i	1.2093-3.1618i	-0.7780+1.8681i	-0.1685-1.6367i	1.2399-2.9384i	-0.1499-0.8593i	-8.2291+2.6890i
70.9	-0.1830+1.1752i	1.2319-3.1677i	-0.7626+1.8150i	-0.1485-1.6524i	1.2636-2.9536i	-0.1643-0.8080i	-8.2111+2.6641i
71.0	-0.2035+1.1896i	1.1525-3.1599i	-0.7201+1.7744i	-0.1516-1.6503i	1.1991-2.9571i	-0.1977-0.7952i	-7.9783+2.7903i
71.1	-0.1908+1.1956i	1.1522-3.0225i	-0.7218+1.6719i	-0.1793-1.6152i	1.1933-2.8423i	-0.1790-0.7585i	-7.9434+2.6067i
71.2	-0.2033+1.2615i	1.1508-3.0653i	-0.7326+1.6898i	-0.1716-1.6642i	1.1960-2.8899i	-0.2192-0.7190i	-8.1608+2.6469i
71.3	-0.2005+1.3269i	1.0767-3.1384i	-0.7229+1.7257i	-0.1866-1.6935i	1.1217-2.9646i	-0.2941-0.6704i	-8.1581+2.8363i
71.4	-0.2241+1.3406i	1.0522-3.1411i	-0.7299+1.7298i	-0.1735-1.6634i	1.0992-2.9661i	-0.3718-0.6401i	-8.0547+2.8325i
71.5	-0.3090+1.3288i	1.1069-3.2178i	-0.7741+1.7111i	-0.1297-1.6424i	1.1498-3.0331i	-0.4761-0.6653i	-7.9535+2.8768i
71.6	-0.3757+1.3973i	1.1685-3.2899i	-0.8212+1.6734i	-0.0971-1.7118i	1.2056-3.1151i	-0.5414-0.6052i	-8.0222+2.8540i
71.7	-0.3632+1.5113i	1.0647-3.3906i	-0.7611+1.7043i	-0.1377-1.7821i	1.1184-3.2258i	-0.6032-0.5487i	-7.9936+2.9247i
71.8	-0.2749+1.5304i	0.8729-3.3901i	-0.6045+1.6983i	-0.2268-1.7491i	0.9452-3.2376i	-0.5802-0.4982i	-7.6337+3.2425i
71.9	-0.2946+1.5377i	0.8729-3.3632i	-0.6004+1.7113i	-0.1898-1.7056i	0.9449-3.2066i	-0.6399-0.4223i	-7.4748+3.2960i
72.0	-0.2932+1.5673i	0.8201-3.3783i	-0.6028+1.6927i	-0.1928-1.7303i	0.8924-3.2303i	-0.7006-0.3614i	-7.4134+3.1946i
72.1	-0.2784+1.6001i	0.7146-3.3842i	-0.5687+1.5989i	-0.2151-1.7365i	0.7855-3.2530i	-0.7239-0.3254i	-7.1340+3.0042i
72.2	-0.1807+1.5897i	0.6687-3.3685i	-0.5572+1.5607i	-0.2713-1.7031i	0.7275-3.2433i	-0.7165-0.2602i	-7.0853+3.2006i
72.3	-0.1842+1.6670i	0.6814-3.3861i	-0.5471+1.5734i	-0.2853-1.7159i	0.7452-3.2621i	-0.7554-0.1801i	-7.0756+3.1850i
72.4	-0.1795+1.7344i	0.6613-3.4763i	-0.5568+1.6116i	-0.2731-1.7381i	0.7273-3.3517i	-0.7950-0.0852i	-7.0470+3.2280i
72.5	-0.1806+1.7739i	0.6304-3.5134i	-0.5664+1.6078i	-0.2639-1.7630i	0.6932-3.3915i	-0.8369+0.0069i	-6.9504+3.2041i
72.6	-0.0537+1.7336i	0.4393-3.4274i	-0.3884+1.4974i	-0.3501-1.7330i	0.5076-3.3285i	-0.7590+0.0394i	-6.5633+3.3577i
72.7	-0.0595+1.8424i	0.3995-3.5650i	-0.5011+1.4970i	-0.3676-1.8198i	0.4568-3.4603i	-0.8340+0.0962i	-6.6314+3.2140i
72.8	-0.0753+1.8173i	0.3887-3.4826i	-0.5642+1.3681i	-0.3727-1.7360i	0.4274-3.3926i	-0.9506+0.0771i	-6.3975+2.9362i
72.9	-0.0509+1.7690i	0.3570-3.4055i	-0.5465+1.2840i	-0.3934-1.6711i	0.3996-3.3295i	-0.9569+0.0594i	-6.2091+2.7765i
73.0	-0.0948+1.7635i	0.3850-3.4703i	-0.5602+1.3045i	-0.3519-1.7299i	0.4287-3.3834i	-0.9180+0.1339i	-6.0807+2.7465i
73.1	0.0250+1.8422i	0.2370-3.5385i	-0.4731+1.3288i	-0.4253-1.7844i	0.2854-3.4526i	-0.8643+0.2773i	-6.0144+2.9476i
73.2	0.0740+1.9034i	0.1016-3.6073i	-0.4942+1.3469i	-0.4948-1.7970i	0.1536-3.5249i	-0.8773+0.3464i	-5.9923+2.8839i
73.3	0.1273+1.8979i	-0.0072-3.5510i	-0.5440+1.3578i	-0.5281-1.7355i	0.0353-3.4681i	-0.9128+0.4627i	-5.9684+2.7690i
73.4	0.1522+1.8965i	-0.0229-3.6017i	-0.6125+1.3649i	-0.5131-1.7146i	0.0058-3.5196i	-1.0128+0.5176i	-5.8523+2.8775i
73.5	0.2010+1.8175i	-0.1522-3.4257i	-0.6135+1.2278i	-0.5506-1.6135i	-0.1345-3.3643i	-0.9909+0.4633i	-5.5306+2.5665i
73.6	0.2161+1.8714i	-0.2240-3.4975i	-0.6123+1.2194i	-0.5677-1.6736i	-0.1995-3.4361i	-0.9797+0.5136i	-5.5350+2.4663i
73.7	0.2484+1.7920i	-0.2683-3.3622i	-0.6118+1.2067i	-0.5935-1.6024i	-0.2490-3.2961i	-0.9274+0.5661i	-5.4125+2.3828i
73.8	0.2993+1.8111i	-0.3496-3.3573i	-0.5746+1.2666i	-0.6170-1.5902i	-0.3368-3.2805i	-0.9042+0.6935i	-5.3507+2.3406i
73.9	0.3386+1.8207i	-0.4472-3.3291i	-0.5732+1.2584i	-0.6359-1.6206i	-0.4399-3.2681i	-0.9184+0.7939i	-5.1981+2.2046i
74.0	0.3635+1.8518i	-0.5121-3.3000i	-0.6213+1.3262i	-0.6466-1.5985i	-0.5163-3.2327i	-0.9197+0.9595i	-5.2778+2.0973i
74.1	0.3612+1.8427i	-0.5024-3.2713i	-0.6709+1.3352i	-0.6418-1.5611i	-0.5146-3.2088i	-0.9698+0.9545i	-5.3168+2.0821i
74.2	0.3193+1.8272i	-0.4918-3.2712i	-0.7604+1.3216i	-0.6386-1.5687i	-0.5175-3.1962i	-1.0449+0.9192i	-5.1944+1.8513i
74.3	0.3496+1.7838i	-0.5756-3.1822i	-0.6867+1.3664i	-0.6547-1.5287i	-0.5972-3.0965i	-0.9745+1.0294i	-5.0198+1.7428i
74.4	0.4108+1.7366i	-0.6532-3.0797i	-0.6384+1.3798i	-0.6606-1.4907i	-0.6797-2.9863i	-0.8738+1.1484i	-4.9095+1.7073i
74.5	0.3736+1.7210i	-0.5893-2.9350i	-0.8052+1.3226i	-0.6095-1.4114i	-0.6451-2.8417i	-1.0099+1.1622i	-4.8379+1.2908i
74.6	0.3827+1.7232i	-0.6108-2.9210i	-0.8297+1.4036i	-0.6005-1.3449i	-0.6760-2.8095i	-1.0214+1.2347i	-4.8250+1.2554i
74.7	0.5099+1.7549i	-0.7974-3.0023i	-0.6423+1.5105i	-0.6837-1.4181i	-0.8332-2.8824i	-0.8281+1.3707i	-4.9075+1.5790i
74.8	0.4497+1.7360i	-0.7184-2.9024i	-0.6510+1.4813i	-0.6405-1.3726i	-0.7485-2.7688i	-0.8452+1.3855i	-4.7772+1.2921i
74.9	0.4671+1.7135i	-0.8146-2.8573i	-0.6228+1.5078i	-0.6616-1.3576i	-0.8418-2.7184i	-0.7958+1.4659i	-4.7434+1.0642i

75.0	0.5235+1.7302i	-0.8916-2.9126i	-0.6338+1.7115i	-0.6761-1.3999i	-0.9243-2.7369i	-0.7804+1.7035i	-4.8528+1.0736i
75.1	0.5473+1.7741i	-0.8565-2.9311i	-0.7301+1.7259i	-0.6654-1.4210i	-0.9100-2.7592i	-0.8530+1.7522i	-5.0614+0.9974i
75.2	0.5874+1.7925i	-0.7923-2.9464i	-0.7793+1.9041i	-0.5950-1.4423i	-0.8588-2.7390i	-0.8865+1.9694i	-5.2446+0.8712i
75.3	0.5536+1.7278i	-0.8040-2.8170i	-0.6454+1.8108i	-0.6087-1.3615i	-0.8377-2.6089i	-0.7097+1.9191i	-5.0473+0.5715i
75.4	0.6145+1.7150i	-0.9058-2.7518i	-0.6023+1.9037i	-0.6445-1.3106i	-0.9325-2.5246i	-0.6626+2.0167i	-5.0548+0.6220i
75.5	0.5882+1.6795i	-0.8282-2.6596i	-0.5835+2.0028i	-0.5403-1.2950i	-0.8525-2.4207i	-0.6310+2.1899i	-4.9977+0.3373i
75.6	0.6776+1.6937i	-0.9111-2.7297i	-0.5762+2.1027i	-0.5478-1.3537i	-0.9261-2.4711i	-0.5953+2.3556i	-5.1153+0.3585i
75.7	0.5894+1.6484i	-0.7845-2.6406i	-0.5642+2.0451i	-0.4790-1.3262i	-0.7997-2.3820i	-0.5676+2.3018i	-5.1346+0.1587i
75.8	0.6276+1.6158i	-0.9145-2.6021i	-0.4467+1.9457i	-0.5705-1.3456i	-0.9140-2.3725i	-0.4288+2.2924i	-5.0368+0.2268i
75.9	0.6067+1.5418i	-0.8750-2.4720i	-0.4180+1.9400i	-0.5143-1.2741i	-0.8684-2.2344i	-0.3740+2.3055i	-4.8785+0.0274i
76.0	0.5020+1.5572i	-0.6926-2.5555i	-0.2964+2.1059i	-0.3817-1.3308i	-0.6604-2.2717i	-0.2649+2.5009i	-4.8908-0.2846i
76.1	0.5956+1.5973i	-0.8085-2.6341i	-0.2019+2.3507i	-0.4640-1.3992i	-0.7583-2.3069i	-0.1183+2.8046i	-5.2400-0.0968i
76.2	0.6177+1.5939i	-0.8398-2.5863i	-0.1964+2.4431i	-0.4780-1.3602i	-0.7906-2.2550i	-0.0675+2.8915i	-5.4244-0.0768i
76.3	0.5261+1.5440i	-0.6820-2.5519i	-0.2305+2.3025i	-0.3910-1.3687i	-0.6306-2.2315i	-0.0922+2.7507i	-5.3322-0.3836i
76.4	0.5452+1.5528i	-0.7191-2.6117i	0.0637+2.2553i	-0.3831-1.4586i	-0.6095-2.3004i	0.2060+2.7697i	-5.3737-0.2243i
76.5	0.5950+1.4318i	-0.7901-2.4191i	0.1737+2.2120i	-0.4133-1.3584i	-0.6790-2.1182i	0.3544+2.6868i	-5.0997-0.0803i
76.6	0.6393+1.4082i	-0.9401-2.3524i	0.3523+2.2184i	-0.5438-1.3351i	-0.7974-2.0512i	0.6376+2.6955i	-5.2842+0.1490i
76.7	0.4784+1.4729i	-0.7178-2.4605i	0.4419+2.3038i	-0.4128-1.4284i	-0.5363-2.1345i	0.6998+2.8155i	-5.4711-0.4002i
76.8	0.4115+1.6604i	-0.6422-2.7986i	0.5754+2.2832i	-0.3903-1.6547i	-0.4341-2.4820i	0.8428+2.8657i	-5.8237-0.6244i
76.9	0.4026+1.6410i	-0.6316-2.7897i	0.6724+2.3267i	-0.3683-1.6717i	-0.4051-2.4629i	0.9333+2.9718i	-5.8185-0.6124i
77.0	0.4270+1.5628i	-0.6617-2.6279i	0.8188+2.2663i	-0.3676-1.5670i	-0.4075-2.2996i	1.1279+2.8793i	-5.6592-0.4850i
77.1	0.3685+1.5439i	-0.5789-2.5981i	1.0059+2.1511i	-0.3050-1.5876i	-0.2891-2.2863i	1.3048+2.8002i	-5.4016-0.5255i
77.2	0.2977+1.4922i	-0.4903-2.5081i	1.0035+2.0444i	-0.2633-1.5839i	-0.1947-2.2177i	1.2938+2.7157i	-5.1598-0.6817i
77.3	0.4510+1.7468i	-0.7376-2.8856i	1.0163+2.1521i	-0.4716-1.7929i	-0.4363-2.5888i	1.4495+2.9020i	-5.8457-0.5926i
77.4	0.3842+1.8150i	-0.6396-3.0085i	1.1771+2.1684i	-0.4043-1.8923i	-0.3099-2.7093i	1.5911+2.9771i	-5.8375-0.7229i
77.5	0.3709+1.9102i	-0.7402-3.1124i	1.5407+2.0017i	-0.4972-2.0000i	-0.3373-2.8535i	2.0143+2.8277i	-5.9194-0.5940i
77.6	0.4478+1.9528i	-0.8717-3.1722i	1.5655+1.7530i	-0.5948-2.0319i	-0.4738-2.9537i	2.0691+2.5574i	-5.9497-0.5624i
77.7	0.4887+2.0265i	-0.9385-3.2167i	1.6525+1.5284i	-0.6527-2.0539i	-0.5231-3.0399i	2.2120+2.3726i	-5.9511-0.7098i
77.8	0.5697+2.2236i	-1.1165-3.5010i	1.6773+1.7212i	-0.7741-2.2617i	-0.6767-3.3008i	2.3052+2.7138i	-6.4737-0.8630i
77.9	0.5983+2.3949i	-1.1776-3.7518i	1.8257+1.5078i	-0.8704-2.4701i	-0.7146-3.6048i	2.5430+2.5902i	-6.8854-1.0983i
78.0	0.5907+2.3737i	-1.1739-3.6409i	1.9651+1.2435i	-0.9007-2.3440i	-0.6965-3.5461i	2.7215+2.2205i	-6.6208-1.0308i
78.1	0.7393+2.3565i	-1.4203-3.5795i	1.9675+1.0097i	-1.0593-2.3157i	-0.9397-3.5226i	2.8129+1.9452i	-6.5500-0.9031i
78.2	0.7961+2.2871i	-1.4237-3.3917i	1.9660+0.7715i	-1.0458-2.1855i	-0.9582-3.3785i	2.7799+1.6900i	-6.2814-0.9012i
78.3	0.8712+2.3840i	-1.5587-3.5063i	1.8563+0.7905i	-1.1472-2.2801i	-1.0969-3.5035i	2.7308+1.7389i	-6.6377-1.1821i
78.4	1.1139+2.4741i	-1.9336-3.6035i	1.8500+0.5934i	-1.4276-2.3577i	-1.4659-3.6490i	2.8655+1.5616i	-7.0056-0.9767i
78.5	1.1930+2.5032i	-1.9627-3.6086i	1.7785+0.0915i	-1.4544-2.3323i	-1.5220-3.7519i	2.7822+1.0419i	-6.8396-1.1484i
78.6	1.2407+2.4710i	-2.0379-3.5312i	1.7364+0.0047i	-1.5115-2.2728i	-1.6122-3.6914i	2.7487+0.9462i	-6.8221-1.1629i
78.7	1.4103+2.5433i	-2.2319-3.5876i	1.5350-0.0089i	-1.6572-2.2947i	-1.8413-3.7536i	2.6052+0.9593i	-7.1467-1.2819i
78.8	1.6541+2.4086i	-2.5182-3.4315i	1.1221-0.1325i	-1.8462-2.1800i	-2.2160-3.6184i	2.2370+0.8080i	-7.3235-1.0554i
78.9	1.5898+2.3233i	-2.4293-3.3014i	0.9162-0.2299i	-1.8392-2.0668i	-2.1777-3.5047i	2.0048+0.7315i	-7.2202-1.2492i
79.0	1.6536+2.5932i	-2.5706-3.5594i	1.1426+0.0156i	-1.9760-2.1659i	-2.2817-3.7487i	2.3960+1.1239i	-7.9076-1.5268i
79.1	2.0045+2.6694i	-3.0226-3.6260i	1.2532-0.0021i	-2.2494-2.1539i	-2.7190-3.8258i	2.7314+1.0901i	-8.6403-1.2084i
79.2	2.1726+2.4835i	-3.2088-3.3727i	1.2325-0.1520i	-2.3231-2.0228i	-2.9127-3.5915i	2.7272+0.8293i	-8.6015-0.8000i
79.3	2.2684+2.3991i	-3.2623-3.2538i	1.0078-0.4319i	-2.3307-1.9484i	-3.0242-3.5113i	2.4979+0.5148i	-8.6229-0.8952i
79.4	2.3053+2.1681i	-3.3017-2.9294i	0.9006-0.2780i	-2.3332-1.6911i	-3.0865-3.1519i	2.4095+0.5838i	-8.4478-0.5715i
79.5	2.4886+2.0659i	-3.5550-2.7909i	0.6881-0.2580i	-2.5196-1.5763i	-3.3837-2.9950i	2.3227+0.5492i	-8.7964-0.3424i
79.6	2.5465+1.9314i	-3.5989-2.6086i	0.5199-0.2451i	-2.5690-1.4575i	-3.4715-2.8059i	2.1887+0.5305i	-8.8993-0.1640i
79.7	2.5919+1.8020i	-3.6422-2.4303i	0.3933-0.2698i	-2.5912-1.3256i	-3.5530-2.6198i	2.0896+0.4416i	-8.8269+0.0459i
79.8	2.7415+1.6658i	-3.8463-2.2620i	0.3009-0.0945i	-2.6997-1.2046i	-3.7777-2.4162i	2.0693+0.5655i	-9.1170+0.3342i
79.9	2.8756+1.6744i	-4.0221-2.1942i	0.1343+0.1283i	-2.8219-1.1105i	-3.9741-2.3044i	2.0151+0.8230i	-9.5429+0.4847i
80.0	2.7808+1.4281i	-3.8441-1.8981i	0.1418+0.0083i	-2.6699-0.9571i	-3.8031-2.0036i	1.9484+0.6251i	-9.0304+0.7776i

2.1.103 Run 10 – IP270NVP – Accels 1–8

In-plane shaking at 270° with no vertical shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	26.5427+0.0000i	-6.9512+0.0000i	17.7285+0.0000i	49.9603+0.0000i	-2.5770+0.0000i	18.2490+0.0000i	10.5775+0.0000i	14.0680+0.0000i
0.1	26.4346-0.0010i	-6.8977+0.1179i	17.6322-0.3582i	49.5335-0.0704i	-2.7397+0.1619i	18.0697+0.3532i	10.3380+0.4142i	14.8258-0.7933i
0.2	14.6935+5.7728i	3.4342+1.5386i	2.8278+1.5198i	-7.7800+2.6873i	-4.7583+5.4527i	1.7669+6.0487i	-2.6519+14.5468i	-16.5890-4.3235i
0.3	-0.0067-2.4721i	-2.0949+0.4528i	0.1873-1.2714i	-0.2222+0.0018i	0.3288+2.8876i	-0.6455+3.2022i	-1.6555+2.9295i	2.6084+1.5209i
0.4	0.1528-0.2401i	-0.1572-0.1153i	0.1851-0.2699i	0.0754-0.1660i	0.1333+0.5508i	-0.1404+0.4953i	-0.1943+0.1670i	0.5624-0.1040i
0.5	0.1895+0.0004i	0.0723+0.0683i	0.0124+0.0546i	-0.0185-0.0220i	-0.0382+0.0957i	-0.0924+0.0652i	-0.1198+0.0616i	0.0298+0.0155i
0.6	0.2111-0.1264i	0.1050-0.0606i	-0.0245+0.0471i	-0.0624+0.0126i	-0.0051+0.0362i	-0.0271+0.0356i	0.0021+0.0717i	-0.0070-0.0038i
0.7	0.1660-0.0468i	0.0461+0.0152i	0.0081+0.0128i	0.0312+0.0033i	0.0317+0.0203i	-0.0753+0.0350i	-0.0071+0.0272i	-0.0808+0.0094i
0.8	0.3417-0.1473i	0.1124-0.0161i	0.0127+0.0071i	0.0392+0.0039i	0.0115+0.0120i	-0.1224-0.0166i	-0.0048-0.0219i	-0.0104-0.0241i
0.9	0.2324-0.2507i	0.0876+0.0499i	0.0080+0.0311i	0.0130+0.0030i	-0.0019+0.0147i	-0.1335-0.0017i	0.0004-0.0034i	0.0024-0.0131i
1.0	0.1495-0.0524i	0.2530+0.0752i	0.0088+0.0332i	-0.0090-0.0073i	-0.0064-0.0000i	-0.1853+0.0021i	0.0012+0.0077i	0.0251-0.0240i
1.1	0.2643-0.0262i	0.3488+0.0175i	0.0164+0.0085i	-0.0111+0.0080i	0.0074-0.0023i	-0.2353+0.0202i	0.0053-0.0006i	0.0158-0.0272i
1.2	0.3667-0.0304i	0.4307-0.0066i	0.0206+0.0163i	-0.0121+0.0142i	0.0110-0.0024i	-0.2895+0.0499i	0.0027-0.0008i	0.0065-0.0385i
1.3	0.5018-0.0492i	0.5348-0.0322i	0.0268-0.0006i	0.0017+0.0080i	0.0164-0.0020i	-0.3836+0.0770i	-0.0013+0.0002i	-0.0097-0.0686i
1.4	0.6553-0.0464i	0.6743-0.0432i	0.0249-0.0031i	-0.0121+0.0012i	0.0221-0.0011i	-0.4584+0.0906i	0.0018-0.0025i	-0.1084-0.0909i
1.5	0.9456-0.1300i	0.9632-0.1294i	0.0325+0.0057i	-0.0270+0.0143i	0.0385-0.0133i	-0.6205+0.0756i	0.0022+0.0009i	-0.2655+0.1322i
1.6	1.1561-0.2950i	1.1698-0.2912i	0.0544+0.0053i	-0.0311+0.0202i	0.0407-0.0272i	-0.8878+0.1299i	0.0021+0.0016i	-0.0936+0.3705i
1.7	1.3183-0.5432i	1.3337-0.5399i	0.0830-0.0131i	-0.0284+0.0201i	0.0336-0.0347i	-1.1790+0.3946i	0.0018+0.0005i	0.2348+0.3216i
1.8	1.4384-1.1686i	1.4538-1.1587i	0.1058-0.0735i	-0.0417+0.0316i	0.0271-0.0426i	-1.3152+1.1133i	0.0024+0.0014i	0.3499+0.1009i
1.9	1.3474-1.9576i	1.3593-1.9306i	0.1001-0.1574i	-0.0387+0.0679i	0.0174-0.0480i	-1.1952+1.9545i	0.0032+0.0004i	0.3713-0.0616i
2.0	-0.2154-2.0777i	-0.1791-2.0323i	-0.0565-0.2203i	0.0130+0.0814i	0.0018-0.0116i	0.4458+2.1361i	0.0005-0.0004i	0.2062-0.2071i
2.1	-0.8699-1.6489i	-0.8082-1.5982i	-0.1617-0.2054i	0.0400+0.0533i	0.0278+0.0146i	1.1556+1.7111i	0.0033+0.0005i	0.1105-0.1919i
2.2	-0.8800-1.1237i	-0.8131-1.0982i	-0.2733-0.1746i	0.0463+0.0427i	0.1207+0.0334i	1.2247+1.1710i	0.0096+0.0027i	0.1387-0.1304i
2.3	-0.7741-0.7856i	-0.7075-0.7658i	-0.4262+0.0493i	0.0500+0.0173i	0.2606-0.1357i	1.1784+0.8120i	0.0152-0.0056i	0.2519-0.2673i
2.4	-0.7018-0.6181i	-0.6373-0.5929i	-0.1211+0.4669i	0.0299-0.0017i	-0.0218-0.4852i	1.1078+0.6105i	0.0018-0.0226i	-0.0500-0.6023i
2.5	-0.5614-0.4637i	-0.4873-0.4484i	0.2183+0.2163i	0.0142+0.0065i	-0.3128-0.2327i	0.9931+0.4838i	-0.0119-0.0113i	-0.3521-0.3288i
2.6	-0.4942-0.3853i	-0.4134-0.3763i	0.1103+0.0698i	0.0146+0.0090i	-0.2056-0.0966i	0.9647+0.4111i	-0.0067-0.0049i	-0.2536-0.1773i
2.7	-0.4195-0.3309i	-0.3282-0.3214i	0.0740+0.0293i	0.0155+0.0108i	-0.1665-0.0562i	0.9279+0.3637i	-0.0045-0.0035i	-0.2181-0.1295i
2.8	-0.3397-0.3030i	-0.2457-0.2954i	0.0481+0.0169i	0.0090+0.0106i	-0.1361-0.0432i	0.8820+0.3302i	-0.0029-0.0027i	-0.1887-0.1100i
2.9	-0.2480-0.2581i	-0.1477-0.2522i	0.0356+0.0121i	0.0118+0.0118i	-0.1196-0.0332i	0.8338+0.2770i	-0.0020-0.0017i	-0.1702-0.0894i
3.0	-0.1689-0.2042i	-0.0604-0.1939i	0.0270+0.0098i	0.0074+0.0128i	-0.1070-0.0259i	0.7979+0.2330i	-0.0020-0.0014i	-0.1584-0.0741i
3.1	-0.1037-0.1886i	0.0162-0.1800i	0.0210+0.0089i	0.0100+0.0124i	-0.0989-0.0233i	0.7712+0.2176i	-0.0012-0.0018i	-0.1508-0.0687i
3.2	-0.0476-0.1878i	0.0769-0.1808i	0.0159+0.0061i	0.0034+0.0152i	-0.0931-0.0214i	0.7570+0.2132i	-0.0005-0.0009i	-0.1478-0.0658i
3.3	-0.0002-0.1692i	0.1317-0.1649i	0.0121+0.0068i	-0.0017+0.0231i	-0.0897-0.0184i	0.7481+0.1892i	-0.0001-0.0014i	-0.1472-0.0568i
3.4	0.0737-0.1389i	0.2159-0.1338i	0.0089+0.0039i	-0.0081+0.0123i	-0.0847-0.0143i	0.7241+0.1656i	0.0005-0.0012i	-0.1408-0.0479i
3.5	0.1257-0.1274i	0.2766-0.1233i	0.0076+0.0029i	-0.0111+0.0126i	-0.0818-0.0130i	0.7083+0.1554i	0.0004-0.0010i	-0.1374-0.0448i
3.6	0.2195-0.1175i	0.3769-0.1119i	0.0052+0.0037i	-0.0234+0.0224i	-0.0767-0.0122i	0.6772+0.1493i	0.0007-0.0011i	-0.1293-0.0431i
3.7	0.2596-0.1075i	0.4223-0.1040i	0.0051+0.0024i	-0.0209+0.0289i	-0.0755-0.0106i	0.6715+0.1401i	0.0011-0.0010i	-0.1290-0.0398i
3.8	0.3216-0.1018i	0.4994-0.0965i	0.0045+0.0018i	-0.0269+0.0433i	-0.0743-0.0097i	0.6694+0.1341i	0.0017-0.0012i	-0.1311-0.0373i
3.9	0.3730-0.1009i	0.5600-0.0980i	0.0034+0.0038i	-0.0231+0.0495i	-0.0725-0.0092i	0.6693+0.1356i	0.0026+0.0000i	-0.1330-0.0362i
4.0	0.4224-0.0827i	0.6139-0.0780i	0.0037+0.0052i	-0.0251+0.0610i	-0.0717-0.0083i	0.6658+0.1209i	0.0033-0.0002i	-0.1324-0.0318i
4.1	0.5183-0.0840i	0.7262-0.0779i	0.0061+0.0044i	-0.0129+0.0848i	-0.0698-0.0078i	0.6328+0.1172i	0.0038-0.0009i	-0.1248-0.0320i
4.2	0.5807-0.0752i	0.7988-0.0725i	0.0047+0.0037i	0.0039+0.0854i	-0.0679-0.0065i	0.6257+0.1048i	0.0036-0.0010i	-0.1247-0.0265i
4.3	0.6313-0.0537i	0.8566-0.0526i	0.0060+0.0028i	0.0163+0.0969i	-0.0677-0.0033i	0.6272+0.0917i	0.0043-0.0006i	-0.1275-0.0199i
4.4	0.6951-0.0640i	0.9335-0.0670i	0.0034-0.0003i	0.0339+0.0989i	-0.0647-0.0014i	0.6206+0.0949i	0.0048+0.0005i	-0.1248-0.0191i
4.5	0.7810-0.0489i	1.0383-0.0508i	-0.0022+0.0013i	0.0653+0.0827i	-0.0600-0.0026i	0.6095+0.0790i	0.0059-0.0001i	-0.1190-0.0159i
4.6	0.8329-0.0463i	1.0962-0.0468i	-0.0017+0.0046i	0.0739+0.0860i	-0.0598-0.0043i	0.6011+0.0766i	0.0062-0.0011i	-0.1184-0.0173i
4.7	0.9073-0.0292i	1.1795-0.0251i	-0.0007+0.0067i	0.0811+0.0775i	-0.0588-0.0037i	0.5882+0.0703i	0.0060-0.0008i	-0.1182-0.0158i
4.8	1.0052-0.0331i	1.2955-0.0295i	0.0001+0.0052i	0.0915+0.0720i	-0.0592-0.0031i	0.5767+0.0747i	0.0059-0.0014i	-0.1180-0.0158i
4.9	1.0680-0.0271i	1.3675-0.0226i	-0.0010+0.0024i	0.0981+0.0686i	-0.0581-0.0021i	0.5719+0.0697i	0.0069+0.0005i	-0.1171-0.0130i
5.0	1.1523-0.0188i	1.4650-0.0145i	-0.0018+0.0017i	0.1022+0.0653i	-0.0561-0.0024i	0.5614+0.0647i	0.0093+0.0002i	-0.1150-0.0110i
5.1	1.2339-0.0276i	1.5599-0.0265i	-0.0007+0.0025i	0.1058+0.0496i	-0.0572-0.0027i	0.5504+0.0711i	0.0091-0.0002i	-0.1149-0.0123i
5.2	1.3171-0.0383i	1.6558-0.0367i	-0.0004+0.0055i	0.1012+0.0205i	-0.0555-0.0023i	0.5380+0.0748i	0.0094+0.0005i	-0.1122-0.0133i
5.3	1.3910-0.0472i	1.7383-0.0497i	-0.0015+0.0065i	0.1073+0.0226i	-0.0545-0.0041i	0.5281+0.0775i	0.0096-0.0005i	-0.1100-0.0131i
5.4	1.4738-0.0521i	1.8445-0.0514i	-0.0048+0.0037i	0.1013+0.0078i	-0.0513-0.0027i	0.5261+0.0861i	0.0140+0.0005i	-0.1096-0.0132i
5.5	1.5431-0.0448i	1.9254-0.0370i	-0.0066+0.0010i	0.0841+0.0120i	-0.0494-0.0005i	0.5237+0.0886i	0.0125+0.0038i	-0.1091-0.0118i
5.6	1.6296-0.0578i	2.0272-0.0547i	-0.0137+0.0023i	0.0909-0.0030i	-0.0456-0.0041i	0.5253+0.0987i	0.0137+0.0042i	-0.1096-0.0151i

5.7	1.7018-0.0606i	2.1187-0.0587i	-0.0167+0.0043i	0.0993-0.0015i	-0.0457-0.0056i	0.5304+0.1083i	0.0181+0.0039i	-0.1112-0.0170i
5.8	1.7822-0.0742i	2.2123-0.0751i	-0.0188+0.0081i	0.0927-0.0269i	-0.0462-0.0074i	0.5387+0.1124i	0.0213+0.0011i	-0.1134-0.0191i
5.9	1.8704-0.0644i	2.3176-0.0557i	-0.0230+0.0076i	0.1109-0.0256i	-0.0464-0.0073i	0.5435+0.1104i	0.0242+0.0022i	-0.1157-0.0197i
6.0	1.9544-0.0522i	2.4241-0.0489i	-0.0279+0.0166i	0.1107-0.0464i	-0.0458-0.0093i	0.5490+0.0948i	0.0306-0.0020i	-0.1193-0.0170i
6.1	2.0369-0.0455i	2.5240-0.0370i	-0.0318+0.0233i	0.1013-0.0604i	-0.0459-0.0104i	0.5498+0.0927i	0.0325-0.0041i	-0.1209-0.0172i
6.2	2.1072-0.0476i	2.6002-0.0379i	-0.0321+0.0248i	0.0785-0.0597i	-0.0468-0.0106i	0.5492+0.0914i	0.0337-0.0029i	-0.1236-0.0173i
6.3	2.2046-0.0286i	2.7096-0.0112i	-0.0287+0.0327i	0.0863-0.0615i	-0.0479-0.0114i	0.5495+0.0806i	0.0402-0.0058i	-0.1280-0.0165i
6.4	2.3142-0.0224i	2.8497-0.0090i	-0.0299+0.0377i	0.0651-0.0828i	-0.0493-0.0133i	0.5476+0.0734i	0.0489-0.0060i	-0.1323-0.0164i
6.5	2.4043-0.0379i	2.9574-0.0277i	-0.0387+0.0395i	0.0557-0.0780i	-0.0490-0.0134i	0.5475+0.0749i	0.0563-0.0052i	-0.1363-0.0158i
6.6	2.4988-0.0267i	3.0644-0.0110i	-0.0417+0.0384i	0.0574-0.0727i	-0.0493-0.0130i	0.5458+0.0752i	0.0625-0.0040i	-0.1405-0.0168i
6.7	2.6036-0.0316i	3.1924-0.0254i	-0.0499+0.0420i	0.0497-0.0851i	-0.0492-0.0128i	0.5409+0.0696i	0.0769-0.0120i	-0.1461-0.0132i
6.8	2.7169-0.0211i	3.3340-0.0110i	-0.0699+0.0521i	0.0514-0.0977i	-0.0488-0.0136i	0.5358+0.0623i	0.1014-0.0179i	-0.1544-0.0094i
6.9	2.8257-0.0214i	3.4653-0.0093i	-0.0841+0.0631i	0.0451-0.1123i	-0.0493-0.0146i	0.5292+0.0597i	0.1183-0.0313i	-0.1615-0.0057i
7.0	2.9355-0.0240i	3.5904-0.0082i	-0.1050+0.1086i	0.0581-0.1446i	-0.0528-0.0184i	0.5242+0.0567i	0.1545-0.0897i	-0.1773+0.0107i
7.1	3.0580-0.0221i	3.7354-0.0108i	-0.1270+0.2106i	0.0674-0.2422i	-0.0580-0.0207i	0.5213+0.0531i	0.1906-0.2089i	-0.1952+0.0496i
7.2	3.1516-0.0221i	3.8429-0.0170i	-0.0147+0.2955i	-0.0850-0.3426i	-0.0629-0.0151i	0.5124+0.0522i	0.0564-0.3302i	-0.1564+0.0940i
7.3	3.2655-0.0428i	3.9806-0.0391i	0.0932+0.2317i	-0.2315-0.2508i	-0.0599-0.0093i	0.5031+0.0578i	-0.0943-0.2506i	-0.1076+0.0718i
7.4	3.3845-0.0201i	4.1295-0.0044i	0.1309+0.1372i	-0.2863-0.1226i	-0.0553-0.0072i	0.4996+0.0580i	-0.1483-0.1323i	-0.0880+0.0365i
7.5	3.5135-0.0135i	4.2813+0.0044i	0.1252+0.0988i	-0.2904-0.0826i	-0.0537-0.0069i	0.4968+0.0604i	-0.1395-0.0776i	-0.0893+0.0196i
7.6	3.6308-0.0131i	4.4114+0.0032i	0.1064+0.0922i	-0.2855-0.0363i	-0.0525-0.0079i	0.4962+0.0625i	-0.1153-0.0609i	-0.0976+0.0133i
7.7	3.7763-0.0120i	4.5843+0.0087i	0.0697+0.0795i	-0.2825+0.0167i	-0.0494-0.0103i	0.4901+0.0635i	-0.0848-0.0364i	-0.1109+0.0046i
7.8	3.9038-0.0355i	4.7388-0.0206i	0.0632+0.0793i	-0.3110+0.0297i	-0.0490-0.0124i	0.4862+0.0654i	-0.0750-0.0284i	-0.1164+0.0028i
7.9	4.0282-0.0414i	4.8765-0.0300i	0.0597+0.1056i	-0.3482+0.0754i	-0.0510-0.0135i	0.4857+0.0647i	-0.0626-0.0404i	-0.1236+0.0098i
8.0	4.1621-0.0775i	5.0308-0.0530i	0.0636+0.1308i	-0.3376+0.0867i	-0.0525-0.0140i	0.4834+0.0650i	-0.0618-0.0526i	-0.1295+0.0204i
8.1	4.2662-0.0526i	5.1686-0.0250i	0.0654+0.1081i	-0.3512+0.1420i	-0.0518-0.0117i	0.4783+0.0626i	-0.0630-0.0368i	-0.1313+0.0138i
8.2	4.4157-0.0146i	5.3406+0.0064i	0.0729+0.0980i	-0.3666+0.1746i	-0.0515-0.0106i	0.4734+0.0598i	-0.0688-0.0327i	-0.1299+0.0135i
8.3	4.5865-0.0299i	5.5311+0.0060i	0.0695+0.0920i	-0.3444+0.2524i	-0.0519-0.0100i	0.4699+0.0578i	-0.0692-0.0293i	-0.1344+0.0142i
8.4	4.7406-0.0550i	5.7072-0.0118i	0.0791+0.0885i	-0.3326+0.3394i	-0.0537-0.0103i	0.4627+0.0602i	-0.0692-0.0210i	-0.1347+0.0099i
8.5	4.8856-0.0766i	5.8665-0.0290i	0.0685+0.1003i	-0.3279+0.4031i	-0.0518-0.0122i	0.4576+0.0599i	-0.0651-0.0181i	-0.1402+0.0118i
8.6	5.0850-0.1214i	6.0896-0.0504i	0.0462+0.1041i	-0.2908+0.4633i	-0.0506-0.0108i	0.4514+0.0614i	-0.0621-0.0134i	-0.1509+0.0135i
8.7	5.2086-0.1818i	6.2535-0.0711i	0.0568+0.1065i	-0.2589+0.4990i	-0.0512-0.0091i	0.4421+0.0649i	-0.0632-0.0088i	-0.1534+0.0172i
8.8	5.2580-0.2193i	6.3817-0.0761i	0.0425+0.1073i	-0.1902+0.5806i	-0.0505-0.0088i	0.4335+0.0676i	-0.0567-0.0045i	-0.1636+0.0172i
8.9	5.3683-0.1475i	6.5737-0.0487i	0.0347+0.1384i	-0.1171+0.6113i	-0.0494-0.0110i	0.4243+0.0739i	-0.0513-0.0071i	-0.1719+0.0304i
9.0	5.5897-0.0727i	6.7976-0.0174i	0.0538+0.1520i	-0.0247+0.6499i	-0.0502-0.0118i	0.4184+0.0769i	-0.0552-0.0096i	-0.1675+0.0387i
9.1	5.7822-0.1654i	7.0068-0.0500i	0.0486+0.1589i	0.0201+0.6446i	-0.0512-0.0125i	0.4123+0.0794i	-0.0557-0.0066i	-0.1729+0.0419i
9.2	5.8476-0.2336i	7.1578-0.0952i	-0.0144+0.1968i	0.0926+0.6040i	-0.0481-0.0164i	0.4041+0.0857i	-0.0532+0.0018i	-0.1994+0.0531i
9.3	5.9877-0.1722i	7.3644-0.0749i	0.0032+0.3086i	0.1415+0.6425i	-0.0501-0.0191i	0.3949+0.0939i	-0.0498+0.0051i	-0.2005+0.0964i
9.4	6.1401-0.1492i	7.5482-0.1015i	0.0779+0.4109i	0.2142+0.6578i	-0.0517-0.0216i	0.3902+0.1057i	-0.0452+0.0091i	-0.1798+0.1349i
9.5	6.3558-0.1644i	7.7554-0.1360i	0.2039+0.4354i	0.3025+0.6381i	-0.0554-0.0218i	0.3829+0.1249i	-0.0373+0.0142i	-0.1409+0.1453i
9.6	6.5512-0.2045i	7.9678-0.1707i	0.3301+0.3874i	0.3626+0.6234i	-0.0576-0.0177i	0.3757+0.1374i	-0.0313+0.0123i	-0.0994+0.1319i
9.7	6.7312-0.2573i	8.1754-0.1731i	0.3790+0.2683i	0.4124+0.5077i	-0.0561-0.0156i	0.3702+0.1550i	-0.0280+0.0066i	-0.0878+0.0937i
9.8	6.8797-0.3301i	8.4171-0.2224i	0.3862+0.2032i	0.4241+0.4604i	-0.0542-0.0156i	0.3708+0.1775i	-0.0244+0.0028i	-0.0901+0.0748i
9.9	6.9830-0.3385i	8.5870-0.2679i	0.3865+0.1608i	0.4279+0.4504i	-0.0547-0.0160i	0.3758+0.1927i	-0.0239-0.0037i	-0.0951+0.0677i
10.0	7.1243-0.3611i	8.7913-0.2824i	0.3821+0.1318i	0.4650+0.3717i	-0.0540-0.0183i	0.3818+0.2150i	-0.0245-0.0123i	-0.1080+0.0646i
10.1	7.2647-0.3572i	8.9992-0.3018i	0.3712+0.1033i	0.4962+0.3433i	-0.0537-0.0183i	0.3968+0.2361i	-0.0267-0.0159i	-0.1185+0.0574i
10.2	7.3918-0.3206i	9.1583-0.2999i	0.3562+0.0994i	0.4588+0.2999i	-0.0556-0.0185i	0.4222+0.2454i	-0.0364-0.0123i	-0.1234+0.0602i
10.3	7.5529-0.3021i	9.3603-0.2977i	0.3533+0.1025i	0.4343+0.2765i	-0.0564-0.0197i	0.4461+0.2538i	-0.0424-0.0057i	-0.1262+0.0673i
10.4	7.7444-0.2985i	9.5976-0.3268i	0.3635+0.0902i	0.4902+0.2470i	-0.0596-0.0214i	0.4686+0.2583i	-0.0413+0.0004i	-0.1294+0.0726i
10.5	7.8829-0.2884i	9.7606-0.3399i	0.3823+0.0755i	0.4794+0.2110i	-0.0616-0.0209i	0.4877+0.2487i	-0.0336+0.0047i	-0.1244+0.0769i
10.6	8.0647-0.1961i	9.9806-0.2580i	0.3970+0.0471i	0.4598+0.2219i	-0.0635-0.0191i	0.5053+0.2374i	-0.0289+0.0029i	-0.1233+0.0781i
10.7	8.2486-0.1425i	10.2018-0.2202i	0.4133+0.0156i	0.4846+0.1861i	-0.0659-0.0155i	0.5208+0.2185i	-0.0259-0.0022i	-0.1212+0.0764i
10.8	8.4547-0.1408i	10.4259-0.2249i	0.4052-0.0057i	0.4640+0.1557i	-0.0644-0.0139i	0.5292+0.2109i	-0.0297-0.0053i	-0.1223+0.0764i
10.9	8.6811-0.1781i	10.7211-0.2564i	0.4089-0.0333i	0.4176+0.1726i	-0.0616-0.0145i	0.5291+0.2025i	-0.0295-0.0017i	-0.1241+0.0858i
11.0	8.8023-0.1276i	10.9116-0.2384i	0.4049-0.0855i	0.4250+0.1273i	-0.0588-0.0141i	0.5302+0.1857i	-0.0321-0.0043i	-0.1205+0.0857i
11.1	8.9376+0.0034i	11.1021-0.1549i	0.3830-0.1264i	0.3690+0.0954i	-0.0580-0.0150i	0.5274+0.1703i	-0.0305-0.0083i	-0.1175+0.0809i
11.2	9.3228+0.1894i	11.5129-0.0578i	0.3236-0.1459i	0.3038+0.1482i	-0.0615-0.0179i	0.5206+0.1594i	-0.0327-0.0100i	-0.1169+0.0782i
11.3	9.6376+0.2195i	11.8249-0.0402i	0.2907-0.1500i	0.2907+0.1701i	-0.0627-0.0174i	0.5212+0.1519i	-0.0346-0.0113i	-0.1130+0.0754i
11.4	9.9337+0.2096i	12.1415-0.0636i	0.2627-0.1523i	0.2851+0.2048i	-0.0648-0.0158i	0.5104+0.1453i	-0.0364-0.0100i	-0.1165+0.0810i
11.5	10.2789+0.2755i	12.5000-0.0003i	0.2229-0.1473i	0.2684+0.2244i	-0.0663-0.0169i	0.5012+0.1353i	-0.0404-0.0092i	-0.1202+0.0738i
11.6	10.5607+0.3125i	12.8073+0.0164i	0.1881-0.1349i	0.2821+0.2397i	-0.0676-0.0174i	0.4916+0.1296i	-0.0417-0.0107i	-0.1268+0.0719i
11.7	10.9461+0.2977i	13.1811+0.0096i	0.1600-0.0984i	0.3655+0.2700i	-0.0695-0.0138i	0.4790+0.1253i	-0.0447-0.0124i	-0.1333+0.0741i
11.8	11.3274+0.2612i	13.5732+0.0018i	0.1465-0.0547i	0.3937+0.3138i	-0.0692-0.0111i	0.4665+0.1206i	-0.0473-0.0101i	-0.1413+0.0736i
11.9	11.6367+0.2429i	13.9069+0.0254i	0.1395-0.0299i	0.3931+0.2946i	-0.0695-0.0083i	0.4556+0.1205i	-0.0503-0.0086i	-0.1498+0.0771i

12.0	11.9551+0.1880i	14.2582-0.0070i	0.1420-0.0050i	0.4145+0.2917i	-0.0692-0.0068i	0.4430+0.1233i	-0.0533-0.0071i	-0.1639+0.0816i
12.1	12.2686+0.1618i	14.6378-0.0117i	0.1659+0.0217i	0.4342+0.2709i	-0.0685-0.0049i	0.4269+0.1266i	-0.0553-0.0043i	-0.1739+0.0906i
12.2	12.5932+0.0762i	15.0307-0.1077i	0.1890+0.0346i	0.4684+0.2499i	-0.0689-0.0048i	0.4099+0.1359i	-0.0575-0.0026i	-0.1846+0.1046i
12.3	12.9793-0.0051i	15.4717-0.2142i	0.2051+0.0494i	0.5177+0.2610i	-0.0666-0.0039i	0.3910+0.1485i	-0.0623-0.0001i	-0.1990+0.1244i
12.4	13.3082-0.0489i	15.8557-0.2221i	0.2197+0.0567i	0.4780+0.2381i	-0.0635-0.0007i	0.3745+0.1670i	-0.0656+0.0024i	-0.2053+0.1488i
12.5	13.7587-0.1368i	16.3360-0.3149i	0.2608+0.0467i	0.5040+0.1835i	-0.0610+0.0011i	0.3587+0.1928i	-0.0668+0.0073i	-0.2145+0.1846i
12.6	14.0800-0.2933i	16.6892-0.4757i	0.2755+0.0355i	0.5211+0.2026i	-0.0607+0.0023i	0.3578+0.2232i	-0.0674+0.0117i	-0.2097+0.2227i
12.7	14.3404-0.4774i	17.0120-0.6468i	0.2881+0.0286i	0.5126+0.2193i	-0.0578+0.0035i	0.3696+0.2582i	-0.0673+0.0186i	-0.1793+0.2665i
12.8	14.5581-0.6162i	17.3339-0.7603i	0.2666+0.0109i	0.5048+0.2029i	-0.0537+0.0011i	0.3970+0.2889i	-0.0667+0.0246i	-0.1234+0.3014i
12.9	14.6855-0.7045i	17.5668-0.8481i	0.2398-0.0094i	0.5222+0.1751i	-0.0522+0.0003i	0.4377+0.3049i	-0.0634+0.0256i	-0.0613+0.3165i
13.0	14.8316-0.7392i	17.7926-0.9153i	0.2329-0.0031i	0.5595+0.1632i	-0.0500+0.0029i	0.4764+0.3005i	-0.0569+0.0252i	-0.0011+0.3037i
13.1	15.1188-0.5728i	18.1370-0.7822i	0.2346+0.0135i	0.5488+0.1572i	-0.0452+0.0021i	0.5021+0.2787i	-0.0543+0.0196i	0.0497+0.2617i
13.2	15.3884-0.4417i	18.4547-0.6583i	0.2260+0.0201i	0.5552+0.1393i	-0.0415+0.0008i	0.5127+0.2545i	-0.0574+0.0138i	0.0786+0.2193i
13.3	15.8100-0.3696i	18.9369-0.6006i	0.2199+0.0231i	0.5734+0.0992i	-0.0372-0.0029i	0.5161+0.2297i	-0.0694+0.0087i	0.0877+0.1743i
13.4	16.1812-0.3566i	19.3467-0.6203i	0.2081+0.0251i	0.5576+0.1018i	-0.0332-0.0082i	0.5080+0.2107i	-0.0776+0.0117i	0.0857+0.1417i
13.5	16.6048-0.3250i	19.8359-0.5908i	0.2055+0.0372i	0.5551+0.1247i	-0.0330-0.0109i	0.4992+0.2009i	-0.0927+0.0171i	0.0766+0.1095i
13.6	17.0783-0.3641i	20.3529-0.6271i	0.1992+0.0500i	0.5397+0.1370i	-0.0341-0.0170i	0.4904+0.1936i	-0.1056+0.0291i	0.0546+0.0732i
13.7	17.6389-0.3739i	20.9566-0.6190i	0.1855+0.0641i	0.5026+0.1417i	-0.0321-0.0211i	0.4854+0.1811i	-0.1127+0.0437i	0.0318+0.0540i
13.8	18.0915-0.3732i	21.4690-0.6138i	0.1633+0.0834i	0.5023+0.1570i	-0.0328-0.0243i	0.4819+0.1710i	-0.1196+0.0545i	0.0075+0.0489i
13.9	18.5760-0.5063i	22.0211-0.7723i	0.1599+0.1294i	0.5202+0.1732i	-0.0317-0.0290i	0.4696+0.1618i	-0.1254+0.0725i	-0.0090+0.0513i
14.0	19.0552-0.5511i	22.5703-0.8009i	0.1597+0.1736i	0.5033+0.1977i	-0.0275-0.0322i	0.4533+0.1483i	-0.1272+0.0941i	-0.0238+0.0555i
14.1	19.5560-0.6023i	23.1626-0.8310i	0.1631+0.2173i	0.5305+0.2169i	-0.0218-0.0404i	0.4357+0.1400i	-0.1203+0.1131i	-0.0244+0.0595i
14.2	20.0538-0.7122i	23.7387-0.9579i	0.1800+0.2665i	0.5396+0.2134i	-0.0162-0.0523i	0.4206+0.1375i	-0.1139+0.1238i	-0.0238+0.0576i
14.3	20.6188-0.9185i	24.3971-1.1722i	0.2196+0.2990i	0.5462+0.2285i	-0.0208-0.0717i	0.4026+0.1413i	-0.1215+0.1387i	-0.0364+0.0537i
14.4	21.0449-1.1270i	24.9109-1.4045i	0.2474+0.3413i	0.5230+0.2466i	-0.0389-0.0859i	0.3827+0.1422i	-0.1280+0.1607i	-0.0488+0.0535i
14.5	21.6677-1.2989i	25.6423-1.5672i	0.3020+0.3949i	0.5603+0.2885i	-0.0682-0.0846i	0.3707+0.1399i	-0.1290+0.2058i	-0.0699+0.0630i
14.6	22.0643-1.5448i	26.0893-1.8089i	0.3428+0.4326i	0.5820+0.3148i	-0.0789-0.0761i	0.3558+0.1429i	-0.1286+0.2578i	-0.0713+0.0842i
14.7	22.3914-1.9590i	26.5044-2.2634i	0.4357+0.5140i	0.6360+0.4351i	-0.0905-0.0769i	0.3419+0.1464i	-0.0775+0.3468i	-0.0571+0.1145i
14.8	22.5282-2.2333i	26.6991-2.5657i	0.6040+0.5488i	0.7869+0.4843i	-0.1019-0.0737i	0.3344+0.1547i	0.0400+0.3952i	-0.0255+0.1288i
14.9	22.5877-2.0830i	26.7966-2.4023i	0.7602+0.4933i	0.9604+0.4267i	-0.1128-0.0615i	0.3264+0.1455i	0.1699+0.3754i	0.0108+0.1138i
15.0	22.8095-1.7004i	27.0528-1.9685i	0.8468+0.3824i	1.0856+0.3331i	-0.1167-0.0469i	0.3113+0.1313i	0.2523+0.3027i	0.0297+0.0823i
15.1	23.4299-1.2625i	27.7642-1.4791i	0.8727+0.2439i	1.1132+0.2079i	-0.1148-0.0337i	0.2821+0.1245i	0.2729+0.2009i	0.0261+0.0528i
15.2	24.2914-1.0550i	28.7710-1.2481i	0.8646+0.1364i	1.0829+0.1323i	-0.1092-0.0228i	0.2487+0.1226i	0.2632+0.1215i	0.0154+0.0219i
15.3	25.1027-0.9373i	29.7199-1.1196i	0.8262+0.0752i	1.0710+0.0640i	-0.1051-0.0159i	0.2203+0.1188i	0.2458+0.0725i	0.0002+0.0019i
15.4	26.0732-0.9995i	30.8263-1.1822i	0.7950+0.0433i	1.0638-0.0149i	-0.0968-0.0116i	0.1844+0.1203i	0.2165+0.0424i	-0.0189-0.0059i
15.5	27.0033-1.1273i	31.8974-1.3390i	0.7712+0.0515i	1.0624-0.0338i	-0.0886-0.0124i	0.1492+0.1300i	0.1965+0.0282i	-0.0363-0.0114i
15.6	27.8658-1.2414i	32.8964-1.4555i	0.7770+0.0459i	1.0518-0.0551i	-0.0877-0.0151i	0.1141+0.1402i	0.1866+0.0133i	-0.0478-0.0155i
15.7	29.0206-1.3162i	34.2039-1.5205i	0.7782+0.0265i	1.0470-0.0536i	-0.0869-0.0153i	0.0666+0.1489i	0.1726-0.0031i	-0.0606-0.0168i
15.8	30.0534-1.6920i	35.4174-1.9199i	0.7928+0.0377i	1.0728-0.0941i	-0.0805-0.0160i	0.0222+0.1657i	0.1592-0.0138i	-0.0728-0.0149i
15.9	31.1931-2.2506i	36.7306-2.5468i	0.8405+0.0461i	1.0737-0.1608i	-0.0790-0.0182i	-0.0271+0.1930i	0.1476-0.0305i	-0.0876-0.0121i
16.0	32.3416-2.8107i	38.0158-3.1795i	0.8980+0.0107i	1.0590-0.1783i	-0.0801-0.0213i	-0.0779+0.2301i	0.1374-0.0416i	-0.0974-0.0193i
16.1	33.3137-3.7709i	39.1534-4.2542i	0.9246-0.0732i	1.0610-0.1932i	-0.0812-0.0221i	-0.1165+0.2869i	0.1155-0.0511i	-0.1137-0.0152i
16.2	33.8126-4.7452i	39.7433-5.3357i	0.9587-0.1292i	1.0356-0.2190i	-0.0828-0.0216i	-0.1324+0.3355i	0.0977-0.0558i	-0.1244-0.0027i
16.3	34.4982-6.1948i	40.5447-6.9696i	0.9647-0.2587i	1.0182-0.2929i	-0.0839-0.0244i	-0.1474+0.4242i	0.0725-0.0610i	-0.1422+0.0022i
16.4	34.5897-7.0378i	40.6914-7.8853i	0.9265-0.3746i	1.0045-0.3009i	-0.0833-0.0193i	-0.1509+0.4814i	0.0487-0.0711i	-0.1479+0.0106i
16.5	34.1444-7.6595i	40.2512-8.5640i	0.7775-0.4668i	0.9509-0.3267i	-0.0829-0.0144i	-0.1132+0.5130i	0.0242-0.0571i	-0.1492+0.0189i
16.6	33.7622-7.5938i	39.8738-8.4980i	0.5577-0.3989i	0.8558-0.2931i	-0.0766-0.0135i	-0.0684+0.5023i	-0.0064-0.0083i	-0.1524+0.0320i
16.7	33.7678-7.1584i	39.9147-8.0276i	0.4954-0.2012i	0.8531-0.1719i	-0.0769-0.0209i	-0.0623+0.4804i	0.0095+0.0433i	-0.1474+0.0425i
16.8	34.7630-6.6220i	41.0411-7.4141i	0.5999-0.0177i	0.9656-0.1396i	-0.0836-0.0277i	-0.1084+0.4566i	0.0652+0.0599i	-0.1416+0.0390i
16.9	36.0770-7.0132i	42.5455-7.8284i	0.6992-0.0903i	1.0322-0.2291i	-0.0903-0.0164i	-0.1654+0.4902i	0.0935+0.0121i	-0.1552+0.0243i
17.0	36.7946-7.6516i	43.3759-8.5234i	0.6567-0.1613i	1.0096-0.3083i	-0.0818-0.0035i	-0.1941+0.5325i	0.0801-0.0436i	-0.1614+0.0219i
17.1	37.1542-7.0479i	43.8469-7.8338i	0.5107+0.0005i	0.9339-0.2770i	-0.0607-0.0135i	-0.2242+0.5119i	0.0056-0.0350i	-0.1766+0.0256i
17.2	38.7615-5.9026i	45.7053-6.5394i	0.6153+0.3515i	0.8937-0.1620i	-0.0539-0.0436i	-0.3167+0.4811i	-0.0473+0.0680i	-0.1881+0.0396i
17.3	40.9999-7.0015i	48.2531-7.7850i	1.0262+0.2951i	1.0443-0.1171i	-0.0828-0.0444i	-0.4144+0.5643i	0.0329+0.1111i	-0.1831+0.0512i
17.4	42.6868-8.6710i	50.2007-9.5899i	1.1844-0.0519i	1.1564-0.1970i	-0.0888-0.0240i	-0.4896+0.6710i	0.0914+0.0949i	-0.1925+0.0418i
17.5	43.7349-10.0824i	51.4051-11.1550i	1.0962-0.1939i	1.1547-0.2760i	-0.0761-0.0171i	-0.5461+0.7513i	0.1050+0.0749i	-0.2038+0.0473i
17.6	44.4016-11.5785i	52.2050-12.8105i	1.0898-0.2057i	1.1513-0.2914i	-0.0715-0.0240i	-0.5713+0.8483i	0.1095+0.0610i	-0.2084+0.0603i
17.7	44.7084-13.4068i	52.6136-14.8104i	1.1462-0.1886i	1.1906-0.3006i	-0.0760-0.0385i	-0.5833+0.9912i	0.1295+0.0693i	-0.2146+0.0737i
17.8	44.1281-14.4768i	52.0211-15.9752i	1.1594-0.2190i	1.2325-0.3306i	-0.0869-0.0456i	-0.5290+1.0721i	0.1749+0.0615i	-0.2014+0.0783i
17.9	43.4488-14.2263i	51.3357-15.6560i	1.2050-0.2018i	1.2801-0.3783i	-0.0979-0.0462i	-0.4868+1.0605i	0.2134+0.0296i	-0.1866+0.0788i
18.0	43.5857-13.5222i	51.5566-14.8167i	1.3256-0.1741i	1.2938-0.4350i	-0.1107-0.0383i	-0.5000+1.0400i	0.2419-0.0057i	-0.1769+0.0684i
18.1	45.0565-13.1903i	53.3214-14.3758i	1.4793-0.4733i	1.2963-0.5178i	-0.1103-0.0114i	-0.5819+1.0580i	0.2229-0.0899i	-0.1764+0.0393i
18.2	46.1268-13.5780i	54.6513-14.7832i	1.4749-0.7293i	1.2858-0.6305i	-0.1016+0.0013i	-0.6479+1.1296i	0.1845-0.1396i	-0.1996+0.0188i

18.3	47.2998-13.8959i	56.1058-15.1375i	1.3586-0.8816i	1.2349-0.7117i	-0.0848+0.0062i	-0.7073+1.1956i	0.1292-0.1663i	-0.2230-0.0006i
18.4	48.9175-14.5684i	58.0950-15.9235i	1.2041-1.1745i	1.1473-0.7721i	-0.0641+0.0116i	-0.8072+1.2863i	0.0459-0.2037i	-0.2468-0.0220i
18.5	50.1618-15.9111i	59.6585-17.4355i	0.7014-1.4540i	0.9641-0.8163i	-0.0253+0.0062i	-0.8893+1.4495i	-0.1066-0.1785i	-0.3097-0.0396i
18.6	50.1889-17.0967i	59.7870-18.8121i	0.0087-1.0492i	0.8113-0.5883i	-0.0082-0.0308i	-0.8701+1.5895i	-0.1726+0.0205i	-0.3830+0.0139i
18.7	49.8123-16.9195i	59.4636-18.7030i	0.0745-0.2028i	0.9461-0.3376i	-0.0264-0.0651i	-0.8096+1.6476i	-0.0256+0.1751i	-0.3772+0.0882i
18.8	50.8656-16.1706i	60.7583-17.9195i	0.5623-0.1248i	1.0966-0.3714i	-0.0473-0.0670i	-0.8349+1.6592i	0.0822+0.1178i	-0.3511+0.0809i
18.9	52.7587-15.6702i	62.9751-17.4149i	0.9006-0.1250i	1.2238-0.4213i	-0.0569-0.0727i	-0.9509+1.7167i	0.1268+0.0898i	-0.3516+0.0601i
19.0	54.3956-15.5012i	64.9010-17.2655i	1.0559-0.1231i	1.2797-0.4714i	-0.0657-0.0745i	-1.0190+1.7835i	0.1596+0.0648i	-0.3747+0.0581i
19.1	56.9012-15.5894i	67.8148-17.4126i	1.2326-0.2597i	1.3337-0.5241i	-0.0705-0.0785i	-1.1154+1.8972i	0.1794+0.0327i	-0.4195+0.0366i
19.2	60.0657-16.6459i	71.4906-18.6504i	1.3803-0.4822i	1.4521-0.6219i	-0.0769-0.0800i	-1.2351+2.0761i	0.1994-0.0021i	-0.4738+0.0204i
19.3	62.4966-17.7196i	74.2716-19.8782i	1.5179-0.6092i	1.4789-0.7012i	-0.0818-0.0841i	-1.3240+2.2740i	0.2218-0.0365i	-0.5203+0.0268i
19.4	64.9499-19.3559i	77.1116-21.7428i	1.6715-0.8701i	1.5501-0.8634i	-0.0917-0.0848i	-1.3866+2.5002i	0.2364-0.0882i	-0.5812+0.0411i
19.5	67.0487-21.0234i	79.5975-23.6552i	1.6474-1.1160i	1.5600-0.9907i	-0.0990-0.0751i	-1.3873+2.6533i	0.2236-0.1363i	-0.6569+0.0754i
19.6	69.5436-23.2767i	82.4956-26.2571i	1.4739-1.5490i	1.4350-1.0714i	-0.0952-0.0627i	-1.4330+2.9154i	0.1771-0.2121i	-0.7604+0.1182i
19.7	71.3090-24.3189i	84.5827-27.4728i	1.2425-1.6798i	1.3538-1.1615i	-0.0884-0.0556i	-1.4467+3.0061i	0.1120-0.2594i	-0.8171+0.1597i
19.8	73.6125-25.8703i	87.2635-29.2853i	0.8946-1.6534i	1.1997-1.2419i	-0.0785-0.0648i	-1.5482+3.1618i	0.0064-0.2569i	-0.9275+0.2523i
19.9	77.1297-28.0929i	91.2944-31.8588i	0.6630-1.4206i	1.1207-1.1916i	-0.0646-0.0830i	-1.8136+3.4401i	-0.0789-0.1914i	-1.0489+0.3728i
20.0	80.3784-29.8439i	95.0189-33.8586i	0.7158-1.0853i	1.1110-1.1154i	-0.0701-0.1107i	-1.9999+3.6689i	-0.1011-0.1118i	-1.1226+0.4400i
20.1	85.0922-34.0798i	100.5271-38.6183i	1.1082-1.1030i	1.2076-1.0154i	-0.1002-0.1271i	-2.1798+4.2054i	-0.0729-0.0079i	-1.1850+0.6697i
20.2	87.9277-38.3075i	103.8586-43.4833i	1.3050-1.2589i	1.2978-1.0981i	-0.1167-0.1172i	-2.3499+4.7691i	-0.0382+0.0228i	-1.1913+0.8585i
20.3	91.3527-44.5651i	107.8792-50.6543i	1.4053-1.5320i	1.3816-1.2255i	-0.1348-0.1002i	-2.4260+5.6044i	0.0091+0.0422i	-1.1903+1.1468i
20.4	93.1417-50.5202i	110.0135-57.4023i	1.4424-1.8134i	1.3512-1.3723i	-0.1392-0.0848i	-2.3034+6.3930i	0.0336+0.0373i	-1.1118+1.4280i
20.5	93.1567-58.3073i	110.1424-66.2420i	1.2432-2.2085i	1.2463-1.4428i	-0.1284-0.0884i	-1.8788+7.3585i	0.0448+0.0337i	-0.9428+1.6540i
20.6	91.8106-64.7733i	108.7038-73.6529i	0.9704-2.3216i	1.1708-1.4289i	-0.1157-0.1004i	-1.1652+8.1638i	0.0556+0.0666i	-0.6413+1.8872i
20.7	90.2938-70.9485i	107.1290-80.7026i	0.7674-2.5373i	1.1668-1.4836i	-0.1163-0.1042i	-0.4002+8.7906i	0.0975+0.0781i	-0.3661+2.0404i
20.8	87.2739-76.8191i	103.7711-87.5172i	0.6544-2.8396i	1.2495-1.5880i	-0.1174-0.0860i	0.5987+9.2872i	0.1831+0.0601i	-0.0696+2.1057i
20.9	85.6754-80.0643i	102.0954-91.2790i	0.3756-2.9679i	1.1929-1.7259i	-0.1053-0.0857i	1.3707+9.4942i	0.2020-0.0071i	0.2031+2.0804i
21.0	84.3826-83.9222i	100.6721-95.6451i	0.2742-3.1171i	1.0746-1.7720i	-0.1020-0.0981i	2.0041+9.5912i	0.1864-0.0385i	0.4560+2.0471i
21.1	82.5013-88.7968i	98.7032-101.3698i	-0.0749-3.1305i	0.9861-1.7294i	-0.0982-0.1161i	2.7529+9.6095i	0.1865-0.0579i	0.7463+1.8904i
21.2	80.9606-93.0960i	97.0925-106.4307i	-0.3729-3.1021i	0.9523-1.8038i	-0.0896-0.1218i	3.4090+9.6513i	0.1918-0.0705i	1.0002+1.7497i
21.3	79.2704-97.4153i	95.2868-111.5132i	-0.7226-3.2079i	0.8376-1.9255i	-0.0775-0.1198i	4.0230+9.7156i	0.1684-0.1044i	1.1579+1.5560i
21.4	77.3689-103.0390i	93.2070-118.0339i	-1.0121-3.3168i	0.7020-2.1635i	-0.0552-0.1462i	4.5261+9.7479i	0.1292-0.1590i	1.2598+1.2532i
21.5	75.7339-110.5456i	91.3702-126.7632i	-1.3341-3.2161i	0.5549-2.1726i	-0.0366-0.1941i	4.8822+10.0804i	0.0715-0.1233i	1.2973+1.0056i
21.6	70.8716-118.4310i	85.8858-135.8884i	-1.6929-3.3987i	0.4837-2.1502i	-0.0369-0.2371i	5.7198+10.5409i	0.0892-0.1106i	1.3010+0.8276i
21.7	61.9226-125.8164i	75.7052-144.5061i	-2.4053-3.3601i	0.2989-2.1424i	-0.0567-0.3004i	6.8846+10.8915i	0.0684-0.1024i	1.1918+0.6400i
21.8	49.8922-130.4155i	61.9071-149.8472i	-3.0255-3.2565i	-0.0425-2.0151i	-0.0956-0.3755i	8.3110+10.9436i	0.0209-0.0605i	1.0814+0.4623i
21.9	38.1909-129.5279i	48.5506-148.9057i	-3.5678-2.6600i	-0.1012-1.9214i	-0.1643-0.4128i	9.8131+10.5214i	0.0464-0.0222i	1.0108+0.4383i
22.0	27.2395-125.9982i	36.0985-144.9686i	-3.9711-1.9845i	-0.1643-1.7304i	-0.2421-0.4343i	11.2274+9.8209i	0.0894+0.0088i	0.9289+0.4212i
22.1	18.5386-120.1495i	26.1856-138.2128i	-4.2366-1.6169i	-0.2420-1.5228i	-0.3262-0.4498i	12.5089+8.9534i	0.1443+0.0344i	0.8795+0.4152i
22.2	12.7619-113.4627i	19.6117-130.5686i	-4.4962-1.0846i	-0.1763-1.3074i	-0.4133-0.4471i	13.5788+8.0507i	0.2036+0.0323i	0.8392+0.4258i
22.3	10.0698-104.4511i	16.6340-120.2973i	-4.3782-0.2125i	-0.0510-1.1918i	-0.4928-0.4089i	14.4927+6.7923i	0.2603-0.0023i	0.8379+0.4559i
22.4	11.0074-96.5728i	17.8580-111.3735i	-4.3340+0.2788i	0.0696-1.2142i	-0.5443-0.3629i	15.0053+5.6342i	0.2847-0.0705i	0.8736+0.4639i
22.5	13.6739-90.1041i	21.1092-104.0580i	-4.2331+0.7740i	0.1578-1.1716i	-0.6037-0.3209i	15.5543+4.3111i	0.2945-0.1197i	0.9057+0.4610i
22.6	17.2572-86.3114i	25.3086-99.7932i	-3.9663+1.4487i	0.1872-1.1651i	-0.6468-0.2821i	15.9795+3.2909i	0.2899-0.1617i	0.9500+0.4535i
22.7	21.5409-83.8464i	30.3087-97.0841i	-3.6797+1.9331i	0.2558-1.1686i	-0.6791-0.2356i	16.2523+2.3116i	0.2775-0.2031i	0.9848+0.4450i
22.8	27.7847-84.0874i	37.7304-97.5237i	-3.1745+2.4466i	0.3888-1.2628i	-0.7312-0.1805i	16.5154+0.9536i	0.2634-0.2498i	1.0518+0.3949i
22.9	33.5827-84.3937i	44.5748-98.0334i	-2.7007+2.7683i	0.4533-1.3199i	-0.7844-0.1343i	16.7967-0.1713i	0.2461-0.2765i	1.0974+0.3377i
23.0	39.4439-86.5793i	51.4483-100.7636i	-1.9547+2.8033i	0.4916-1.3931i	-0.8439-0.0475i	17.1456-1.7011i	0.2226-0.3014i	1.1968+0.2741i
23.1	44.9555-90.9143i	57.8299-105.9884i	-1.4983+2.6532i	0.5119-1.5306i	-0.8530+0.0382i	17.1607-2.9287i	0.1907-0.3392i	1.2454+0.1600i
23.2	50.2293-97.7899i	63.8965-114.2574i	-1.3163+2.5706i	0.4923-1.7176i	-0.8515+0.1396i	16.9662-4.6045i	0.1482-0.3700i	1.2659+0.0034i
23.3	52.2365-108.0879i	66.2850-126.5027i	-0.8064+2.2807i	0.3317-1.8314i	-0.8447+0.2447i	16.5419-6.4668i	0.1010-0.3788i	1.2554-0.1359i
23.4	53.0412-120.7401i	67.2069-141.5505i	-0.6684+2.1131i	0.1540-1.9431i	-0.8127+0.3680i	15.8213-8.6035i	0.0344-0.3729i	1.2046-0.2826i
23.5	48.3356-133.9765i	61.6746-157.2205i	-0.8012+1.6291i	0.0002-1.9513i	-0.7366+0.4776i	14.3679-10.4791i	-0.0143-0.3626i	1.0856-0.4299i
23.6	40.5536-144.1871i	52.3643-169.2289i	-0.5283+1.0939i	-0.1977-1.9273i	-0.6560+0.5548i	12.6457-11.8849i	-0.0400-0.3250i	0.9705-0.5254i
23.7	25.9666-155.4900i	35.1225-182.4400i	-0.9053+0.6442i	-0.4301-1.8389i	-0.5109+0.6055i	9.9334-13.0421i	-0.0573-0.2644i	0.7998-0.6126i
23.8	15.1546-160.7826i	22.3209-188.7609i	-1.3430+1.0625i	-0.5472-1.7471i	-0.4069+0.6186i	8.0401-13.3413i	-0.0669-0.2337i	0.6796-0.6327i
23.9	0.2128-160.4047i	4.7422-188.3379i	-1.6869+1.2217i	-0.6124-1.6201i	-0.3118+0.5751i	6.0469-12.8029i	-0.0557-0.2105i	0.5631-0.5987i
24.0	-13.7909-154.7821i	-11.7646-181.6666i	-2.0052+1.0138i	-0.6350-1.3982i	-0.2321+0.5092i	4.2252-11.7550i	-0.0195-0.1909i	0.4617-0.5663i
24.1	-25.2780-153.2444i	-25.3759-179.7915i	-1.6320+1.1061i	-0.7084-1.2792i	-0.1770+0.4816i	2.8012-11.1645i	-0.0234-0.1691i	0.4009-0.5468i
24.2	-32.8998-147.8685i	-34.2956-173.3520i	-1.5863+0.8840i	-0.6899-1.1622i	-0.1472+0.4364i	2.1015-10.3043i	-0.0267-0.1547i	0.3403-0.5231i
24.3	-43.3111-136.3654i	-46.4546-159.7305i	-2.0431+1.1478i	-0.6681-0.9963i	-0.1250+0.3695i	1.1619-8.8108i	-0.0216-0.1429i	0.2523-0.4655i
24.4	-48.0586-129.8670i	-51.9636-152.0701i	-2.1393+1.4220i	-0.6554-0.9253i	-0.1253+0.3397i	0.7924-8.0559i	-0.0168-0.1297i	0.2231-0.4265i
24.5	-50.1943-122.7492i	-54.3344-143.7686i	-2.4198+1.8189i	-0.5711-0.8007i	-0.1423+0.3195i	0.7313-7.2867i	0.0019-0.1129i	0.1906-0.3880i

24.6	-53.3204-114.6591i	-57.9724-134.3151i	-2.6908+2.1610i	-0.4657-0.6768i	-0.1372+0.2901i	0.5069-6.5100i	0.0332-0.0912i	0.1406-0.3225i
24.7	-53.5330-107.2833i	-58.2265-125.5945i	-2.3441+2.3749i	-0.3613-0.6042i	-0.1496+0.2711i	0.5913-5.8237i	0.0669-0.0840i	0.1273-0.2596i
24.8	-55.0429-100.7740i	-59.9257-117.9770i	-2.6509+2.5520i	-0.3078-0.5641i	-0.1504+0.2571i	0.5443-5.2289i	0.1150-0.0819i	0.0906-0.2314i
24.9	-53.6704-94.4638i	-58.2343-110.4502i	-2.6858+3.5610i	-0.2182-0.5230i	-0.1440+0.2369i	0.7046-4.7273i	0.1448-0.1076i	0.0817-0.1445i
25.0	-52.9279-88.9792i	-57.3543-104.1246i	-2.0444+4.1203i	-0.0918-0.5309i	-0.1646+0.2199i	0.8114-4.3376i	0.1735-0.1345i	0.1397-0.0752i
25.1	-52.0391-84.0405i	-56.3156-98.3773i	-1.5367+3.4766i	0.0029-0.4941i	-0.1729+0.2077i	0.8835-3.9676i	0.1907-0.1449i	0.1723-0.0673i
25.2	-51.1576-80.1903i	-55.2305-93.8006i	-1.5497+3.3333i	0.0841-0.4831i	-0.1768+0.2042i	0.9698-3.7118i	0.2159-0.1455i	0.1828-0.0592i
25.3	-49.9278-73.7307i	-53.7355-86.1278i	-1.3113+3.0126i	0.2324-0.5092i	-0.1932+0.1900i	1.0946-3.3136i	0.2652-0.1626i	0.2208-0.0388i
25.4	-47.3748-70.1486i	-50.6595-81.9393i	-1.8062+1.6860i	0.3563-0.5585i	-0.2151+0.1905i	1.2487-3.1149i	0.3137-0.1784i	0.2461-0.0740i
25.5	-43.5772-67.8727i	-46.0664-79.3223i	-3.0420+1.3128i	0.4163-0.6316i	-0.2307+0.2000i	1.4715-2.9679i	0.3558-0.2180i	0.2304-0.1109i
25.6	-40.6063-64.4890i	-42.5193-75.3442i	-4.6317+1.0565i	0.5011-0.6884i	-0.2456+0.2004i	1.6420-2.7267i	0.4219-0.2564i	0.2068-0.1266i
25.7	-36.7924-61.3466i	-37.9924-71.6194i	-6.6728+2.4024i	0.5912-0.8140i	-0.2630+0.2100i	1.8876-2.5346i	0.4920-0.3646i	0.1758-0.1067i
25.8	-33.8015-59.8311i	-34.5034-69.8303i	-7.9835+3.7859i	0.6477-0.9502i	-0.2798+0.2201i	2.1055-2.4550i	0.5181-0.4784i	0.1465-0.0930i
25.9	-32.2920-59.0090i	-32.7279-68.8264i	-9.5680+4.8708i	0.6368-1.0238i	-0.2943+0.2344i	2.1529-2.4030i	0.5387-0.5621i	0.0984-0.0904i
26.0	-28.4367-57.6605i	-28.0448-67.4025i	-11.7493+8.8634i	0.6457-1.1755i	-0.3035+0.2772i	2.3699-2.3204i	0.5654-0.7423i	0.0306-0.0198i
26.1	-23.9931-55.5476i	-22.7738-64.9608i	-10.9391+14.3654i	0.6450-1.3379i	-0.2928+0.3066i	2.7029-2.2094i	0.4975-0.9393i	0.0233+0.1081i
26.2	-20.1076-55.4019i	-18.1449-64.8217i	-7.1309+18.2396i	0.5394-1.4529i	-0.2710+0.3218i	2.9491-2.2175i	0.3268-1.1035i	0.0928+0.2218i
26.3	-16.6202-54.7701i	-14.1015-64.1527i	-3.6696+20.6532i	0.4492-1.5422i	-0.2681+0.3273i	3.1698-2.2010i	0.1637-1.2061i	0.1806+0.2981i
26.4	-11.7672-53.4612i	-8.4897-62.5354i	-0.2915+22.0201i	0.3968-1.5777i	-0.2668+0.3365i	3.4937-2.1157i	-0.0003-1.2653i	0.2816+0.3473i
26.5	-8.1413-54.0631i	-4.2755-63.2213i	3.2250+22.2761i	0.3213-1.5944i	-0.2520+0.3485i	3.6982-2.1604i	-0.1683-1.2822i	0.3760+0.3424i
26.6	-4.1038-56.3827i	0.6032-65.8626i	7.3575+21.7173i	0.2149-1.6463i	-0.2359+0.3603i	3.9652-2.3427i	-0.3581-1.2627i	0.4834+0.3137i
26.7	1.7980-56.8775i	7.4991-66.2326i	10.6781+21.3715i	0.1652-1.6775i	-0.2285+0.3792i	4.3662-2.3946i	-0.5184-1.2383i	0.5715+0.2832i
26.8	4.6861-57.6980i	10.9067-67.1131i	12.5740+20.8739i	0.0679-1.6941i	-0.2191+0.3921i	4.5366-2.4595i	-0.6369-1.2093i	0.6090+0.2526i
26.9	7.4791-59.2040i	14.2462-68.9803i	14.8841+20.5020i	-0.0196-1.6796i	-0.2032+0.4042i	4.7259-2.5782i	-0.7527-1.1764i	0.6448+0.2323i
27.0	13.5282-62.7603i	21.2228-73.0638i	19.1078+19.2727i	-0.1480-1.6336i	-0.1723+0.4136i	5.0915-2.8447i	-0.9460-1.0966i	0.7148+0.1881i
27.1	18.8144-66.6867i	27.5127-77.5431i	23.0060+17.2718i	-0.1929-1.6020i	-0.1457+0.4086i	5.4459-3.1494i	-1.1054-0.9839i	0.8016+0.1512i
27.2	23.8547-72.5485i	33.4885-84.2998i	26.2664+13.8725i	-0.2270-1.5720i	-0.1204+0.3908i	5.7633-3.6319i	-1.2209-0.8414i	0.8807+0.0911i
27.3	29.8604-79.8268i	40.4674-92.9671i	28.7764+9.5354i	-0.2543-1.4860i	-0.1201+0.3683i	6.1205-4.1716i	-1.3172-0.6639i	0.9582-0.0049i
27.4	34.9588-91.1972i	46.4180-105.9256i	29.7653+4.1125i	-0.1885-1.4731i	-0.1306+0.3596i	6.3973-4.9632i	-1.3350-0.4496i	1.0099-0.1548i
27.5	36.2245-98.0335i	47.9210-113.4143i	29.0647+0.8278i	-0.1148-1.4437i	-0.1391+0.3527i	6.4025-5.3703i	-1.2987-0.3274i	0.9988-0.2359i
27.6	40.1162-111.7216i	52.5993-129.1956i	29.4190-3.9007i	-0.0852-1.4833i	-0.1415+0.3460i	6.6289-6.2915i	-1.3196-0.2076i	1.0237-0.3600i
27.7	41.0869-125.4321i	53.9152-145.2027i	29.4845-8.4126i	-0.0774-1.5569i	-0.1566+0.3447i	6.6765-7.2257i	-1.3553-0.0636i	1.0462-0.4947i
27.8	33.0788-141.7506i	44.9404-164.0093i	26.5335-13.3001i	-0.1205-1.6293i	-0.1785+0.3475i	6.1054-8.3119i	-1.3209+0.1258i	0.9854-0.6523i
27.9	23.0559-158.6019i	33.5889-183.4323i	22.8046-17.5882i	-0.1367-1.7344i	-0.1913+0.3665i	5.4096-9.4301i	-1.2273+0.2910i	0.8967-0.8048i
28.0	8.8448-168.5390i	17.2693-195.0786i	18.1277-19.6611i	-0.2384-1.7905i	-0.1986+0.3957i	4.4108-10.0757i	-1.0832+0.4022i	0.7587-0.9033i
28.1	-15.8832-181.3001i	-10.9493-209.5375i	12.0082-21.9076i	-0.3580-1.9172i	-0.1928+0.4250i	2.7853-10.9174i	-0.9085+0.5096i	0.5521-1.0204i
28.2	-33.9599-187.1248i	-31.8385-215.9581i	7.9827-22.2407i	-0.4715-2.0282i	-0.1910+0.4517i	1.6481-11.2688i	-0.8082+0.5453i	0.4142-1.0577i
28.3	-52.8413-179.7937i	-53.6280-207.7533i	4.5653-19.9778i	-0.6738-2.0102i	-0.1851+0.4736i	0.4232-10.7930i	-0.7234+0.5085i	0.2765-0.9934i
28.4	-72.2006-175.5697i	-75.5645-202.6739i	0.7137-19.0272i	-0.8422-1.9907i	-0.1806+0.4909i	-0.7976-10.5240i	-0.6152+0.5452i	0.1375-0.9739i
28.5	-88.6561-165.2244i	-94.0460-190.7430i	-2.9905-16.6213i	-0.9999-1.8744i	-0.1982+0.5153i	-1.8552-9.8979i	-0.4952+0.5355i	0.0226-0.9062i
28.6	-99.9136-152.0472i	-106.8516-175.7070i	-5.2548-13.4829i	-1.1357-1.7546i	-0.2093+0.5616i	-2.6130-9.0694i	-0.4199+0.4925i	-0.0514-0.8221i
28.7	-105.6206-140.1782i	-113.3548-162.1651i	-5.6609-10.6831i	-1.1932-1.6477i	-0.1876+0.6319i	-2.9700-8.3533i	-0.3823+0.4545i	-0.0912-0.7603i
28.8	-108.6611-127.8673i	-116.6966-148.1196i	-5.8391-7.8203i	-1.2339-1.5278i	-0.1447+0.6922i	-3.1693-7.6055i	-0.3553+0.4078i	-0.1171-0.6825i
28.9	-111.7631-114.9340i	-120.0758-133.0400i	-5.6883-4.9755i	-1.2915-1.4082i	-0.0926+0.7525i	-3.4004-6.8211i	-0.3368+0.3676i	-0.1360-0.6021i
29.0	-111.3302-105.5800i	-119.2390-122.2669i	-4.8367-3.0664i	-1.2878-1.3121i	-0.0148+0.7871i	-3.3820-6.2215i	-0.3199+0.3520i	-0.1350-0.5598i
29.1	-109.7768-96.3398i	-117.2683-111.6852i	-3.6245-1.3509i	-1.2847-1.1968i	0.0815+0.7933i	-3.3126-5.6791i	-0.3028+0.3329i	-0.1354-0.5108i
29.2	-108.9054-87.9119i	-116.1049-102.0401i	-2.4138-0.1193i	-1.2750-1.0873i	0.1797+0.7914i	-3.2946-5.1912i	-0.2906+0.3253i	-0.1338-0.4735i
29.3	-107.1343-82.9010i	-113.8872-96.4590i	-1.2366+0.3027i	-1.2607-1.0077i	0.2459+0.7694i	-3.1709-4.9043i	-0.2877+0.3217i	-0.1235-0.4560i
29.4	-105.3175-76.7154i	-111.5887-88.8607i	-0.0837+0.7038i	-1.2858-0.9472i	0.3078+0.7287i	-3.0995-4.5209i	-0.2890+0.3109i	-0.1143-0.4319i
29.5	-102.2550-70.5934i	-107.8460-81.6144i	0.9973+1.0306i	-1.2457-0.8632i	0.3622+0.6784i	-2.9505-4.1578i	-0.2770+0.3228i	-0.1064-0.4163i
29.6	-99.5893-65.7214i	-104.6054-76.3489i	1.8644+1.1625i	-1.1926-0.7896i	0.4083+0.6335i	-2.7818-3.9009i	-0.2524+0.3179i	-0.1129-0.3997i
29.7	-97.2958-62.5969i	-101.6657-72.9284i	2.4756+1.0669i	-1.1551-0.7307i	0.4349+0.5970i	-2.6531-3.7458i	-0.2304+0.3167i	-0.1108-0.3937i
29.8	-93.9695-59.0337i	-97.8397-68.7341i	3.1853+0.9255i	-1.1109-0.6864i	0.4614+0.5420i	-2.5193-3.5820i	-0.2155+0.2941i	-0.1088-0.3887i
29.9	-91.5563-55.9470i	-94.8419-64.7725i	3.7261+0.6447i	-1.0965-0.6559i	0.4776+0.4929i	-2.4438-3.4027i	-0.2093+0.2844i	-0.1107-0.3790i
30.0	-88.6375-53.0663i	-91.2643-61.5932i	4.4168+0.3510i	-1.0738-0.6212i	0.4937+0.4552i	-2.3422-3.2505i	-0.1965+0.2838i	-0.1153-0.3836i
30.1	-85.9249-51.3575i	-87.7976-59.7003i	5.0154+0.0901i	-1.0342-0.5973i	0.5079+0.4144i	-2.2251-3.1140i	-0.1823+0.2726i	-0.1336-0.3822i
30.2	-83.5483-49.0579i	-84.8392-57.1416i	5.4835-0.1811i	-0.9834-0.5694i	0.5220+0.3733i	-2.1281-2.9512i	-0.1575+0.2565i	-0.1599-0.3716i
30.3	-80.8384-46.1615i	-81.5879-53.7550i	5.8912-0.7622i	-0.9626-0.5612i	0.5286+0.3199i	-2.0402-2.7581i	-0.1531+0.2109i	-0.1983-0.3446i
30.4	-78.4121-44.5876i	-78.4092-51.7942i	5.7172-1.1364i	-0.9422-0.5636i	0.5134+0.2851i	-1.8838-2.6204i	-0.1722+0.1700i	-0.2198-0.3074i
30.5	-75.8944-43.3491i	-75.3183-50.5864i	5.4531-1.4944i	-0.9400-0.5293i	0.4978+0.2658i	-1.7065-2.5718i	-0.2158+0.1680i	-0.2302-0.2686i
30.6	-73.6002-42.0682i	-72.1384-49.0731i	5.5942-1.6577i	-0.9567-0.4880i	0.5023+0.2538i	-1.5699-2.5716i	-0.2500+0.1893i	-0.2344-0.2319i
30.7	-71.4545-41.6470i	-69.3283-48.3399i	5.7656-1.6696i	-0.9538-0.4489i	0.5114+0.2402i	-1.4882-2.5764i	-0.2599+0.2230i	-0.2244-0.2029i
30.8	-67.9982-41.4947i	-65.3737-47.9026i	6.1359-1.9461i	-0.8801-0.3999i	0.5342+0.1968i	-1.3885-2.5340i	-0.2423+0.2561i	-0.2135-0.1646i

30.9	-65.6942-41.0788i	-62.6460-47.3753i	6.4327-2.1493i	-0.8252-0.3610i	0.5404+0.1651i	-1.3435-2.4823i	-0.2177+0.2798i	-0.1922-0.1424i
31.0	-64.2774-40.9526i	-60.2359-46.7288i	6.6548-2.3487i	-0.7741-0.3203i	0.5466+0.1362i	-1.2909-2.4193i	-0.1824+0.3170i	-0.1683-0.1257i
31.1	-62.7407-40.2042i	-57.5546-45.9271i	6.7862-2.6269i	-0.7013-0.3019i	0.5481+0.0964i	-1.2145-2.3340i	-0.1267+0.3092i	-0.1590-0.1092i
31.2	-60.9489-39.8139i	-55.2625-45.5500i	6.9409-2.9240i	-0.6266-0.3381i	0.5482+0.0583i	-1.1244-2.2592i	-0.0820+0.2673i	-0.1510-0.0933i
31.3	-58.4450-40.2568i	-51.9262-45.0814i	7.0037-3.4351i	-0.5593-0.4029i	0.5395+0.0053i	-0.9638-2.1497i	-0.0637+0.2160i	-0.1244-0.0659i
31.4	-57.0125-40.4422i	-50.0510-45.4533i	7.0061-3.7760i	-0.5446-0.4416i	0.5283-0.0219i	-0.9431-2.1591i	-0.0744+0.1798i	-0.1127-0.0669i
31.5	-55.9141-40.2730i	-47.9630-45.3007i	6.8891-4.0145i	-0.5627-0.4672i	0.5094-0.0520i	-0.8671-2.1919i	-0.0889+0.1486i	-0.0932-0.0658i
31.6	-52.1332-41.8324i	-43.5171-46.3355i	7.0747-4.6578i	-0.5011-0.5326i	0.4915-0.1013i	-0.5867-2.1198i	-0.1083+0.1311i	-0.0725-0.0442i
31.7	-50.6056-42.9758i	-41.3486-47.1295i	6.9793-5.1283i	-0.4676-0.5677i	0.4783-0.1338i	-0.4422-2.1722i	-0.1160+0.1188i	-0.0664-0.0368i
31.8	-48.8733-44.8462i	-38.7698-48.4086i	6.9033-5.4465i	-0.4567-0.6455i	0.4524-0.1681i	-0.3168-2.2774i	-0.1352+0.0939i	-0.0399-0.0279i
31.9	-47.6995-47.0173i	-36.5809-50.0534i	6.9009-5.8163i	-0.4675-0.7227i	0.4332-0.1911i	-0.2616-2.4023i	-0.1565+0.0718i	-0.0267-0.0337i
32.0	-47.1695-49.9443i	-35.0375-52.4876i	6.6302-6.5294i	-0.4949-0.8422i	0.4129-0.2297i	-0.3220-2.5546i	-0.1851+0.0269i	-0.0264-0.0304i
32.1	-47.6824-51.9902i	-33.8275-53.9532i	6.2528-6.9278i	-0.5633-0.9565i	0.3826-0.2637i	-0.3207-2.6667i	-0.2209-0.0012i	-0.0220-0.0227i
32.2	-47.6799-53.9182i	-32.4052-55.3828i	6.1410-7.2074i	-0.6316-1.0243i	0.3642-0.2902i	-0.3746-2.8400i	-0.2714-0.0084i	-0.0132-0.0306i
32.3	-48.0305-57.5147i	-30.5989-58.2340i	6.0788-7.8691i	-0.7353-1.1165i	0.3382-0.3293i	-0.4136-2.9812i	-0.3267-0.0199i	0.0027-0.0297i
32.4	-49.8545-60.6415i	-29.6881-61.1379i	5.4910-8.3710i	-0.9019-1.1772i	0.2856-0.3763i	-0.4353-3.0197i	-0.4253+0.0120i	0.0087-0.0043i
32.5	-52.2158-60.2852i	-29.6256-61.1777i	4.9185-8.3572i	-1.0444-1.1693i	0.2424-0.3908i	-0.5768-3.0095i	-0.4739+0.0334i	0.0180+0.0013i
32.6	-55.5504-61.6376i	-30.1001-62.8007i	4.0195-8.5955i	-1.2430-1.1156i	0.1644-0.4107i	-0.6409-2.9652i	-0.5536+0.0954i	0.0470+0.0141i
32.7	-59.8334-62.5537i	-30.4304-64.0896i	3.1294-8.8511i	-1.4748-1.0676i	0.0898-0.4263i	-0.7118-2.8415i	-0.6149+0.1701i	0.0666+0.0322i
32.8	-63.9260-61.7340i	-30.7343-64.8197i	2.5201-8.8496i	-1.6858-0.9218i	0.0284-0.4189i	-0.7061-2.7766i	-0.6600+0.2538i	0.0937+0.0309i
32.9	-69.4903-58.3217i	-31.3532-64.8794i	1.5187-8.0964i	-1.9160-0.6422i	-0.0711-0.3632i	-0.6671-2.7734i	-0.6687+0.4157i	0.1509+0.0157i
33.0	-73.8478-56.8549i	-31.7807-64.2221i	0.9573-7.4898i	-2.0579-0.5162i	-0.1269-0.3106i	-0.5996-2.6486i	-0.6434+0.5223i	0.1788+0.0016i
33.1	-76.4374-54.1204i	-30.8227-64.2853i	0.7429-7.0074i	-2.1410-0.3170i	-0.1499-0.2663i	-0.5964-2.6226i	-0.6038+0.6074i	0.1815-0.0254i
33.2	-78.5097-50.6933i	-29.5420-63.7218i	0.6586-6.3508i	-2.1814-0.1350i	-0.1506-0.2221i	-0.4797-2.5315i	-0.5381+0.6745i	0.1737-0.0294i
33.3	-79.9117-45.5190i	-26.8105-64.1341i	0.8217-5.7411i	-2.2680+0.1409i	-0.1614-0.1843i	-0.3008-2.5378i	-0.4989+0.7515i	0.1878-0.0234i
33.4	-81.1770-40.5971i	-24.3314-64.6730i	1.0228-5.2093i	-2.3398+0.4393i	-0.1654-0.1497i	-0.1544-2.5931i	-0.4607+0.8392i	0.1975-0.0208i
33.5	-78.5833-36.2937i	-21.6274-67.7568i	1.5413-5.0268i	-2.1866+0.7673i	-0.1506-0.1307i	-0.0529-2.8118i	-0.3518+0.9217i	0.2039-0.0237i
33.6	-77.8063-31.7909i	-20.3036-70.0873i	1.9761-4.9964i	-2.0602+1.0656i	-0.1494-0.1310i	-0.0535-2.9667i	-0.2302+0.9893i	0.2176-0.0100i
33.7	-73.5573-25.0100i	-17.3021-75.3284i	2.3499-5.2649i	-1.8061+1.4595i	-0.1719-0.1609i	0.0122-3.2080i	-0.1053+0.9906i	0.2531+0.0313i
33.8	-69.5260-20.7708i	-16.9291-79.8196i	2.4706-5.5777i	-1.5421+1.6777i	-0.2170-0.1705i	0.0223-3.4435i	-0.0008+0.9468i	0.2997+0.0556i
33.9	-65.5515-15.9342i	-18.6392-81.3295i	2.5390-5.6254i	-1.2838+1.8140i	-0.2624-0.1302i	-0.0351-3.5802i	0.0778+0.8657i	0.3789+0.0588i
34.0	-59.7943-13.7211i	-19.7314-83.4983i	2.5248-5.5488i	-1.0078+1.9264i	-0.3030-0.0869i	-0.1850-3.7529i	0.0918+0.8397i	0.4576+0.0423i
34.1	-52.5254-14.9975i	-21.0711-85.7655i	2.5567-5.6433i	-0.6539+1.8759i	-0.3135-0.0424i	-0.3813-3.8292i	0.1027+0.7858i	0.5155-0.0092i
34.2	-47.5832-17.9148i	-21.5874-87.5772i	2.5819-5.6109i	-0.4629+1.8455i	-0.3228+0.0343i	-0.5181-3.8846i	0.0763+0.8346i	0.5779-0.1000i
34.3	-43.3755-18.8499i	-19.3418-89.9043i	2.9342-5.2721i	-0.3210+1.9447i	-0.3242+0.1156i	-0.4923-3.9904i	0.0886+0.9294i	0.6383-0.1864i
34.4	-39.1497-22.7779i	-19.3167-94.4247i	3.3158-5.6545i	-0.0804+1.9381i	-0.2981+0.1594i	-0.6181-4.1288i	0.1437+0.9824i	0.6772-0.2745i
34.5	-36.4059-25.6829i	-20.3486-98.3612i	3.5619-5.9720i	0.1748+1.9157i	-0.2689+0.1888i	-0.7973-4.2739i	0.2455+1.0106i	0.6966-0.3280i
34.6	-35.1865-28.4549i	-20.8823-102.0170i	3.7976-6.4357i	0.3961+1.8901i	-0.2317+0.2104i	-0.8974-4.3933i	0.3752+1.0244i	0.7048-0.3844i
34.7	-33.6246-32.7892i	-22.9101-108.9038i	3.8810-7.3802i	0.6620+1.9256i	-0.1991+0.2286i	-1.1006-4.6051i	0.5231+1.0695i	0.7368-0.4810i
34.8	-33.2900-35.6367i	-25.4721-113.1791i	3.9552-8.0432i	0.9048+1.8234i	-0.1619+0.2285i	-1.3136-4.6880i	0.6752+0.9944i	0.7324-0.5745i
34.9	-35.0064-38.9376i	-29.9765-116.0462i	3.3543-8.8142i	1.0539+1.6209i	-0.1520+0.1986i	-1.5492-4.6892i	0.7600+0.8890i	0.7185-0.6502i
35.0	-35.5195-42.5806i	-36.0811-121.1226i	2.8146-9.7139i	1.3385+1.4757i	-0.1529+0.1734i	-1.9103-4.7794i	0.9003+0.8076i	0.7252-0.7358i
35.1	-36.4437-44.7191i	-42.8680-123.8572i	1.9379-10.4317i	1.5915+1.2922i	-0.1699+0.1595i	-2.2800-4.7873i	1.0106+0.6686i	0.7114-0.8278i
35.2	-39.2422-46.4674i	-51.2651-124.8742i	0.5179-11.0238i	1.7414+1.0565i	-0.2169+0.1488i	-2.6718-4.6811i	1.0517+0.4987i	0.6609-0.9315i
35.3	-41.3773-46.7235i	-57.5393-122.9748i	-0.5036-10.9691i	1.8337+0.8182i	-0.2314+0.1469i	-2.9668-4.4554i	1.0804+0.3529i	0.5772-0.9880i
35.4	-44.2313-46.2498i	-65.7417-118.2648i	-1.9967-10.4164i	1.8861+0.4683i	-0.2844+0.1846i	-3.2773-4.0592i	1.0434+0.1466i	0.4990-1.1005i
35.5	-45.1891-45.3312i	-69.1448-113.4107i	-2.8301-9.4432i	1.8265+0.2540i	-0.3255+0.2452i	-3.3686-3.7277i	0.9342+0.0607i	0.4269-1.1434i
35.6	-45.5013-44.8285i	-72.5622-108.4199i	-3.7589-8.5768i	1.8609+0.0269i	-0.3643+0.3117i	-3.4756-3.4299i	0.8897-0.0132i	0.3967-1.1270i
35.7	-45.4625-43.4174i	-72.6095-102.6826i	-4.2354-7.4369i	1.8170-0.1827i	-0.3946+0.3910i	-3.4360-3.0888i	0.8114-0.1024i	0.3992-1.1650i
35.8	-44.1455-42.5136i	-70.9288-99.3771i	-4.2627-6.2653i	1.8024-0.3392i	-0.3900+0.4925i	-3.3194-2.8821i	0.7546-0.1514i	0.3917-1.2621i
35.9	-42.3369-42.8780i	-67.7283-96.4186i	-3.8837-4.7951i	1.6238-0.5610i	-0.3492+0.6457i	-3.0996-2.7248i	0.6187-0.1869i	0.3262-1.4045i
36.0	-41.0088-43.2686i	-64.4709-96.6864i	-3.1560-3.7809i	1.4321-0.5872i	-0.2804+0.7649i	-2.9165-2.7164i	0.5051-0.1291i	0.2433-1.5335i
36.1	-40.7136-44.3735i	-62.3449-97.1227i	-2.1112-2.9506i	1.2843-0.6633i	-0.1437+0.8744i	-2.8154-2.7786i	0.4423-0.0701i	0.1010-1.6556i
36.2	-41.6194-47.3053i	-62.4595-100.4684i	-0.8234-2.7210i	1.1553-0.7176i	0.0480+0.9328i	-2.7816-2.9759i	0.4417-0.0097i	-0.1129-1.7379i
36.3	-42.6135-50.2249i	-65.0652-103.9439i	0.2111-3.2737i	1.1129-0.7467i	0.2324+0.9093i	-2.9365-3.1652i	0.5108+0.0210i	-0.3395-1.7488i
36.4	-43.6364-51.7753i	-69.0689-105.8843i	0.8695-3.9883i	1.1410-0.8190i	0.4024+0.8258i	-3.3005-3.2283i	0.5680-0.0521i	-0.5528-1.7174i
36.5	-45.5047-51.8287i	-73.1121-105.9131i	1.1692-4.8625i	1.1072-0.8366i	0.5132+0.6865i	-3.6704-3.1484i	0.5858-0.1068i	-0.7218-1.6188i
36.6	-47.7318-51.8557i	-76.4459-104.4658i	0.8851-5.5437i	1.0387-0.8280i	0.5243+0.5649i	-3.8761-2.9371i	0.5783-0.1263i	-0.8014-1.5054i
36.7	-49.3551-51.3338i	-79.6454-101.7579i	0.5468-5.9285i	0.9852-0.9117i	0.5273+0.4690i	-4.1377-2.6606i	0.5506-0.1997i	-0.8740-1.4127i
36.8	-50.2454-50.5889i	-81.5858-98.9002i	0.0943-6.1648i	0.8815-0.9644i	0.4951+0.3744i	-4.3003-2.3053i	0.4637-0.2427i	-0.9084-1.3098i
36.9	-51.1683-49.9658i	-81.5407-97.1927i	-0.2257-6.0643i	0.8586-0.9028i	0.4657+0.3635i	-4.2903-2.0129i	0.4675-0.1950i	-0.9439-1.2927i
37.0	-50.4201-50.1180i	-80.8308-97.4403i	-0.1296-6.2021i	0.9855-0.9998i	0.4795+0.3553i	-4.2588-1.7086i	0.5415-0.2633i	-1.0520-1.3077i
37.1	-50.8815-50.0958i	-81.0336-97.0560i	-0.4026-6.4527i	0.8857-1.1525i	0.4730+0.2857i	-4.1775-1.3993i	0.4633-0.3967i	-1.1201-1.2342i

37.2	-51.2669-50.4074i	-81.6925-96.6556i	-0.8556-6.6139i	0.7177-1.2834i	0.4318+0.2320i	-4.0691-1.1459i	0.3071-0.4824i	-1.1604-1.1600i
37.3	-51.6046-50.8633i	-82.9702-96.8874i	-1.3967-6.4387i	0.5381-1.2875i	0.3589+0.2156i	-3.9121-0.8976i	0.1176-0.4523i	-1.1875-1.1058i
37.4	-52.5653-51.3003i	-84.3651-96.2555i	-1.9125-6.0484i	0.3035-1.2876i	0.2910+0.2301i	-3.7039-0.6140i	-0.0902-0.3963i	-1.2431-1.0764i
37.5	-53.1710-51.3453i	-86.0333-95.6607i	-2.1198-5.5791i	0.1986-1.1938i	0.2609+0.2780i	-3.5264-0.4940i	-0.1742-0.2644i	-1.2844-1.0383i
37.6	-55.0752-51.2985i	-88.8199-95.2556i	-2.0817-4.8304i	0.1239-0.9408i	0.2840+0.3868i	-3.3188-0.4502i	-0.1734+0.0134i	-1.3985-1.0210i
37.7	-56.7784-51.4026i	-91.5120-94.8427i	-1.7515-4.2463i	0.1576-0.6905i	0.3394+0.4856i	-3.1537-0.4574i	-0.0837+0.2794i	-1.5047-1.0215i
37.8	-57.7931-50.9699i	-93.3371-93.6430i	-1.1847-4.0346i	0.3896-0.6012i	0.4527+0.5241i	-3.0125-0.4739i	0.1723+0.3782i	-1.6201-0.9698i
37.9	-58.7630-49.7966i	-94.4367-91.5549i	-0.5620-4.1898i	0.6698-0.7252i	0.6088+0.5112i	-2.9261-0.4920i	0.4926+0.2598i	-1.7618-0.8887i
38.0	-59.3794-48.9657i	-95.1039-89.6820i	-0.1615-4.5019i	0.7213-0.9273i	0.7166+0.4444i	-2.8441-0.4551i	0.5816+0.0603i	-1.8919-0.7636i
38.1	-60.2098-48.5711i	-96.7514-88.6462i	-0.3579-4.7808i	0.5961-1.0865i	0.7249+0.3508i	-2.7365-0.5154i	0.5072-0.0761i	-1.9280-0.5801i
38.2	-61.5071-48.2917i	-99.4474-87.8590i	-0.5344-4.9416i	0.4828-1.2114i	0.7401+0.2749i	-2.7075-0.5610i	0.4389-0.1819i	-1.9799-0.4136i
38.3	-62.4758-47.6237i	-101.1525-85.9808i	-0.1742-4.9165i	0.3709-1.2212i	0.8067+0.2627i	-2.7110-0.5638i	0.4122-0.1874i	-2.0259-0.3116i
38.4	-64.0430-46.4110i	-103.7321-83.3925i	-0.3118-4.5138i	0.2401-1.1657i	0.8048+0.2893i	-2.7418-0.5441i	0.3574-0.1287i	-2.0013-0.2401i
38.5	-64.8731-45.2761i	-105.1725-80.8195i	-0.1168-4.4192i	0.1947-1.1262i	0.8687+0.2679i	-2.7210-0.4966i	0.3565-0.1102i	-2.0459-0.1310i
38.6	-65.6133-44.0787i	-106.2661-78.2515i	0.1256-4.6917i	0.1517-1.1146i	0.9288+0.1747i	-2.6889-0.4791i	0.3589-0.1351i	-2.0777+0.0353i
38.7	-66.0477-42.7903i	-106.9682-75.6443i	0.2342-4.8772i	0.1327-1.0915i	0.9789+0.1022i	-2.6739-0.4317i	0.3719-0.1441i	-2.0947+0.1362i
38.8	-66.4966-41.6706i	-107.4937-73.0499i	0.4477-4.7264i	0.0941-1.0626i	1.0403+0.0837i	-2.5985-0.3603i	0.3576-0.1159i	-2.1630+0.2094i
38.9	-66.8565-39.9527i	-107.5788-70.1939i	0.8231-5.2821i	0.0952-1.0249i	1.1178-0.0687i	-2.5354-0.3315i	0.3983-0.1661i	-2.2204+0.4126i
39.0	-66.7776-38.7593i	-107.2426-67.8683i	0.7821-5.5169i	0.0584-1.0249i	1.1313-0.1519i	-2.4947-0.3005i	0.3962-0.2075i	-2.2369+0.5432i
39.1	-66.4245-37.8272i	-106.9378-65.9047i	0.7491-5.8818i	0.0545-1.0225i	1.1398-0.2634i	-2.4500-0.2912i	0.3919-0.2387i	-2.2405+0.7170i
39.2	-66.2999-36.7569i	-106.5988-63.6152i	0.9049-6.2852i	0.0491-1.0448i	1.1731-0.3966i	-2.3986-0.2623i	0.3990-0.3097i	-2.2782+0.9297i
39.3	-66.4157-35.9672i	-106.3904-61.7738i	0.5771-6.7483i	0.0096-1.0685i	1.1120-0.5453i	-2.3677-0.2564i	0.3508-0.3496i	-2.1845+1.1447i
39.4	-66.0476-35.0224i	-105.3335-60.2665i	0.3783-7.3545i	-0.0286-1.0304i	1.0482-0.7156i	-2.3185-0.2881i	0.3084-0.3624i	-2.0633+1.4587i
39.5	-65.6959-34.3856i	-104.7523-58.6131i	0.1597-7.7188i	-0.0641-0.9809i	0.9956-0.8325i	-2.2701-0.2837i	0.2720-0.3519i	-1.9251+1.6843i
39.6	-65.3970-33.4119i	-104.5527-56.6545i	-0.3188-7.8886i	-0.1120-0.9570i	0.8747-0.9444i	-2.2057-0.2593i	0.2011-0.3508i	-1.6837+1.8340i
39.7	-64.9833-32.4534i	-103.5341-55.1524i	-0.5491-8.2009i	-0.0984-0.8760i	0.8312-1.0747i	-2.1148-0.3276i	0.2020-0.3168i	-1.6192+1.9706i
39.8	-64.8146-31.9201i	-102.9247-54.3539i	-0.9716-8.5730i	-0.0820-0.8932i	0.7429-1.2087i	-2.1530-0.4316i	0.2098-0.3507i	-1.5313+2.2564i
39.9	-64.9424-31.4728i	-102.9957-53.3706i	-1.8744-8.8562i	-0.0758-0.8879i	0.4997-1.3111i	-2.2798-0.4474i	0.1760-0.3514i	-1.0752+2.5029i
40.0	-64.6847-31.1065i	-102.6755-52.4649i	-2.5776-9.0455i	-0.0403-0.8730i	0.2951-1.3780i	-2.3384-0.4339i	0.1607-0.3522i	-0.6933+2.6054i
40.1	-64.6029-30.2416i	-102.2725-50.9441i	-3.2299-8.5327i	-0.1169-0.8584i	0.1265-1.3052i	-2.3730-0.3345i	0.1062-0.3455i	-0.3993+2.5379i
40.2	-64.5504-29.5542i	-102.1994-49.6848i	-3.8168-8.2049i	-0.0697-0.8453i	-0.0373-1.2496i	-2.3961-0.2675i	0.1145-0.3291i	-0.1024+2.4209i
40.3	-64.4259-28.7400i	-101.7172-48.1166i	-4.1882-7.7598i	-0.0860-0.8235i	-0.1515-1.1917i	-2.3917-0.2133i	0.1066-0.2955i	0.1407+2.3230i
40.4	-64.1208-28.0400i	-101.1286-46.8491i	-4.5980-7.3020i	-0.0833-0.7682i	-0.2809-1.0933i	-2.3765-0.1399i	0.0925-0.2362i	0.4201+2.1688i
40.5	-63.7176-27.4765i	-100.3915-45.8593i	-4.7993-6.7708i	-0.0863-0.7880i	-0.3701-0.9715i	-2.3463-0.0828i	0.0767-0.2619i	0.6026+1.9616i
40.6	-63.3127-26.9452i	-99.9256-44.8693i	-4.7079-6.2091i	-0.1335-0.7883i	-0.3560-0.8550i	-2.3099-0.0328i	0.0534-0.2406i	0.6151+1.7181i
40.7	-62.7752-25.9565i	-98.7414-43.1941i	-4.6860-5.8151i	-0.1317-0.7238i	-0.3677-0.7635i	-2.2474+0.0145i	0.0509-0.1723i	0.6079+1.4901i
40.8	-62.3377-25.4627i	-97.8585-42.3256i	-4.9248-5.6692i	-0.0455-0.6715i	-0.4418-0.7558i	-2.2215+0.0176i	0.1054-0.1390i	0.6639+1.4208i
40.9	-61.9864-25.4281i	-97.4283-42.0127i	-4.9009-5.2881i	-0.0107-0.7415i	-0.4721-0.6901i	-2.2444+0.0218i	0.1426-0.1727i	0.6888+1.3891i
41.0	-61.8641-24.7771i	-96.9346-40.9955i	-4.8299-4.8236i	-0.0296-0.8139i	-0.4908-0.5727i	-2.2556+0.0801i	0.1491-0.2323i	0.7125+1.2417i
41.1	-61.4203-24.0736i	-96.2549-39.9049i	-5.0195-4.5626i	0.0359-0.8332i	-0.5683-0.4964i	-2.2537+0.1485i	0.2033-0.2658i	0.8739+1.1087i
41.2	-61.2538-23.6708i	-95.7330-39.3542i	-5.0874-4.2098i	0.0585-0.8770i	-0.6175-0.4242i	-2.2566+0.2133i	0.2350-0.3160i	1.0118+0.9916i
41.3	-61.0079-23.2399i	-95.5347-38.5866i	-4.8166-3.6801i	-0.0543-0.9815i	-0.5444-0.2851i	-2.1763+0.2923i	0.1548-0.3823i	0.9645+0.7607i
41.4	-60.5913-22.7856i	-95.0641-37.5873i	-4.2784-3.5304i	-0.2001-0.9765i	-0.4368-0.2456i	-2.1006+0.3200i	0.0688-0.3642i	0.8644+0.6584i
41.5	-60.1788-22.2558i	-94.3628-36.5630i	-4.1712-3.6875i	-0.2274-0.8577i	-0.4221-0.2881i	-2.0824+0.3278i	0.0600-0.3094i	0.8274+0.6908i
41.6	-59.7112-21.8168i	-93.5217-35.5683i	-4.2706-3.3399i	-0.1382-0.8794i	-0.4669-0.1992i	-2.0520+0.3909i	0.1267-0.3603i	0.9058+0.4901i
41.7	-59.2793-21.5909i	-92.7284-35.1678i	-4.0923-3.2107i	-0.1313-0.8972i	-0.4478-0.1634i	-2.0053+0.4100i	0.1249-0.3733i	0.8657+0.3930i
41.8	-58.9660-21.1665i	-92.0699-34.3937i	-4.0019-3.3325i	-0.1168-0.8195i	-0.4404-0.2022i	-1.9492+0.4437i	0.1461-0.3209i	0.8982+0.3672i
41.9	-58.2598-20.7828i	-90.9048-33.8594i	-4.0438-3.2888i	-0.0524-0.7653i	-0.4582-0.1886i	-1.8788+0.4672i	0.1808-0.3135i	0.9054+0.2251i
42.0	-57.7042-20.5598i	-89.9504-33.4073i	-3.6465-3.1327i	-0.1700-0.7871i	-0.3389-0.1839i	-1.8001+0.4521i	0.0854-0.3180i	0.6732+0.2226i
42.1	-57.3376-20.5605i	-89.2609-33.1085i	-3.6795-3.1515i	-0.1076-0.8089i	-0.4232-0.2013i	-1.7822+0.4465i	0.1742-0.3432i	0.7517+0.2084i
42.2	-57.0729-20.2550i	-88.8207-32.6014i	-3.5157-3.0991i	-0.1228-0.8284i	-0.4215-0.1666i	-1.7612+0.4380i	0.1732-0.3600i	0.6615+0.1776i
42.3	-56.9385-19.9719i	-88.2774-32.4486i	-3.2147-2.7888i	-0.3034-0.8966i	-0.2861-0.0730i	-1.7367+0.4055i	-0.0024-0.4382i	0.3528+0.1220i
42.4	-56.6023-20.0408i	-87.5817-32.5246i	-3.0157-2.9037i	-0.2997-0.8714i	-0.2749-0.1150i	-1.7670+0.4246i	-0.0092-0.3948i	0.3071+0.2715i
42.5	-56.1847-19.8251i	-87.2055-31.9978i	-2.7921-3.0463i	-0.3985-0.7467i	-0.2554-0.1985i	-1.7408+0.4733i	-0.0620-0.2803i	0.3740+0.5123i
42.6	-55.8628-19.2606i	-86.7527-31.0945i	-2.5021-2.9868i	-0.5347-0.6827i	-0.1856-0.1917i	-1.6707+0.4932i	-0.1589-0.2400i	0.3386+0.5252i
42.7	-55.8111-19.1281i	-86.5682-30.7891i	-2.8747-2.8099i	-0.3835-0.8287i	-0.2879-0.0464i	-1.6168+0.5368i	-0.0371-0.4178i	0.4638+0.1853i
42.8	-55.4320-18.8014i	-86.0226-30.2499i	-3.0455-2.8367i	-0.2748-0.8668i	-0.3474+0.0165i	-1.5650+0.5592i	0.0408-0.4929i	0.5514+0.0365i
42.9	-54.8359-18.7177i	-85.1345-29.9266i	-2.9373-2.8462i	-0.2420-0.8763i	-0.3422+0.0407i	-1.5117+0.5479i	0.0511-0.5255i	0.5408+0.0072i
43.0	-54.5155-18.8710i	-84.4169-30.0198i	-2.7998-3.0613i	-0.2761-0.8244i	-0.3234+0.0142i	-1.4965+0.4857i	0.0051-0.4910i	0.5452+0.0922i
43.1	-54.4958-18.6680i	-84.3638-29.6282i	-2.8050-3.2153i	-0.3189-0.7136i	-0.3098-0.0300i	-1.5385+0.4911i	-0.0261-0.4136i	0.6182+0.1454i
43.2	-54.1109-18.0563i	-83.8589-28.5727i	-2.6680-3.0735i	-0.3738-0.6269i	-0.2577-0.0480i	-1.5342+0.5153i	-0.0990-0.3545i	0.5916+0.1509i
43.3	-53.6642-17.5530i	-83.1261-27.9924i	-2.5549-2.9111i	-0.3827-0.6770i	-0.2258+0.0004i	-1.4997+0.5388i	-0.1396-0.4235i	0.5087-0.0291i
43.4	-53.4107-17.3673i	-82.4970-27.6564i	-2.6487-2.8538i	-0.3496-0.7833i	-0.2450+0.0604i	-1.4690+0.5746i	-0.1128-0.5343i	0.4696-0.1860i

43.5	-52.8443-17.3006i	-81.3587-27.6518i	-2.5539-3.0768i	-0.4375-0.6646i	-0.2147-0.0035i	-1.4547+0.5684i	-0.1888-0.4447i	0.4165-0.0593i
43.6	-52.4682-17.4632i	-80.8932-28.0090i	-2.6542-3.1032i	-0.3902-0.6572i	-0.2415+0.0049i	-1.4492+0.5779i	-0.1643-0.4631i	0.4216-0.1090i
43.7	-52.3558-17.2827i	-80.7015-27.6755i	-2.4881-2.8993i	-0.5734-0.7237i	-0.1322+0.0440i	-1.4021+0.5819i	-0.3568-0.5051i	0.2275-0.1065i
43.8	-52.4404-17.0498i	-80.7020-27.2552i	-2.6362-2.8634i	-0.5780-0.8103i	-0.1170+0.1143i	-1.3351+0.6143i	-0.3759-0.5953i	0.2581-0.2536i
43.9	-51.7558-16.9407i	-79.5555-26.8839i	-2.6543-3.1240i	-0.4035-0.5968i	-0.1612+0.0083i	-1.3415+0.6342i	-0.2844-0.4126i	0.3399-0.1956i
44.0	-51.1738-17.1797i	-78.8352-27.2936i	-2.6462-3.1239i	-0.3669-0.5696i	-0.2159-0.0296i	-1.3544+0.6559i	-0.2235-0.3556i	0.3601-0.1173i
44.1	-51.0854-17.1552i	-78.8323-27.1536i	-2.6761-3.0478i	-0.4193-0.6472i	-0.2393+0.0231i	-1.3068+0.7039i	-0.2431-0.4457i	0.3896-0.1726i
44.2	-50.8596-17.0774i	-78.5300-26.8781i	-2.6455-2.9952i	-0.5594-0.8329i	-0.1813+0.1153i	-1.2104+0.6858i	-0.3814-0.5939i	0.2795-0.3924i
44.3	-50.5387-16.8086i	-78.1258-26.5268i	-2.3356-2.8225i	-0.8962-0.9178i	-0.0060+0.1581i	-1.1549+0.5719i	-0.6889-0.6416i	-0.1053-0.4128i
44.4	-50.2456-17.0642i	-77.4767-26.8267i	-2.2986-3.1516i	-0.8950-0.7079i	-0.0183+0.1263i	-1.1549+0.5891i	-0.7202-0.5215i	-0.1204-0.3214i
44.5	-50.0682-17.1913i	-77.2110-27.1168i	-2.5694-3.3460i	-0.7019-0.5601i	-0.0666+0.1197i	-1.1494+0.6715i	-0.6281-0.4254i	0.0121-0.2872i
44.6	-50.0819-16.7439i	-77.2430-26.7441i	-2.6965-3.2010i	-0.7338-0.4401i	-0.0232+0.0540i	-1.1044+0.7040i	-0.6836-0.2934i	-0.0422-0.2447i
44.7	-49.9223-16.7066i	-77.0852-26.6723i	-2.7127-3.2084i	-0.7638-0.4416i	-0.0204+0.0579i	-1.0637+0.6723i	-0.7152-0.2879i	-0.1454-0.2060i
44.8	-49.9099-16.8727i	-77.0682-26.7768i	-2.9077-3.2156i	-0.6950-0.3084i	-0.0296+0.0389i	-1.0079+0.6725i	-0.6892-0.1586i	-0.0212-0.1183i
44.9	-49.6680-16.5806i	-76.5994-26.1080i	-2.9061-3.1468i	-0.8321-0.1539i	0.0788-0.0445i	-1.0373+0.6203i	-0.8488+0.0284i	-0.0733-0.0141i
45.0	-49.2432-16.2615i	-75.8285-25.4726i	-2.9813-2.9646i	-0.8117-0.1426i	0.1116-0.0869i	-1.0063+0.5731i	-0.8870+0.0895i	-0.1841-0.0647i
45.1	-48.9593-16.7228i	-75.6016-26.2462i	-3.0661-2.9992i	-0.5570-0.0453i	-0.0478-0.1583i	-0.9934+0.6621i	-0.6021+0.2513i	-0.0992-0.0107i
45.2	-48.9076-16.6890i	-75.5265-26.2721i	-3.0605-2.9796i	-0.5352+0.0095i	-0.0906-0.1551i	-0.9940+0.6541i	-0.4995+0.2848i	-0.0685+0.0734i
45.3	-49.0027-16.4640i	-75.7372-25.8734i	-3.0779-2.8463i	-0.4818-0.0273i	-0.0939-0.1089i	-0.9199+0.6518i	-0.4614+0.2421i	-0.1104+0.0750i
45.4	-48.9950-16.2993i	-75.8791-25.5755i	-3.1589-2.8286i	-0.3773-0.1961i	-0.1247-0.0233i	-0.8318+0.6221i	-0.3749+0.0732i	-0.0163+0.0196i
45.5	-48.5489-15.8932i	-75.1107-24.8878i	-2.9555-2.7879i	-0.3719-0.0322i	-0.1153-0.0948i	-0.8632+0.5849i	-0.3682+0.2156i	0.0891+0.1017i
45.6	-48.3746-15.4479i	-74.9681-24.3476i	-3.0702-2.4936i	-0.5201-0.1273i	-0.0284-0.0487i	-0.8479+0.5267i	-0.5423+0.1147i	-0.0128-0.0341i
45.7	-48.0015-15.0560i	-74.3246-23.6935i	-3.1555-2.2858i	-0.5281-0.1574i	-0.0112-0.0475i	-0.8532+0.5019i	-0.5800+0.1209i	-0.0555-0.1087i
45.8	-47.7300-15.0690i	-73.6687-23.6739i	-3.0497-2.4029i	-0.4436+0.0450i	-0.0515-0.1421i	-0.9038+0.5564i	-0.4948+0.3102i	-0.0040-0.0393i
45.9	-47.2076-14.9741i	-72.8077-23.5986i	-2.9549-2.2409i	-0.4680+0.2056i	-0.0429-0.2451i	-0.9346+0.5911i	-0.5170+0.5136i	-0.0662+0.0307i
46.0	-46.6027-15.6240i	-72.0041-24.6480i	-2.8687-2.3151i	-0.2978+0.2344i	-0.1592-0.2947i	-0.9073+0.6491i	-0.2952+0.6274i	-0.0366+0.0847i
46.1	-46.8848-16.1191i	-72.5656-25.2875i	-2.8015-2.2424i	-0.2703+0.1151i	-0.1744-0.2257i	-0.8281+0.6257i	-0.2576+0.5232i	-0.1096+0.1202i
46.2	-46.9654-16.1242i	-72.8409-25.1226i	-2.5597-2.1014i	-0.2525+0.1589i	-0.2056-0.2127i	-0.7666+0.5993i	-0.1887+0.5239i	-0.0062+0.2016i
46.3	-46.8793-15.4189i	-72.5259-23.9681i	-2.6377-2.1593i	-0.1895+0.0841i	-0.2385-0.1497i	-0.7548+0.5575i	-0.1030+0.4050i	0.1174+0.0206i
46.4	-46.4337-15.4383i	-71.7890-24.0012i	-2.5962-2.1662i	-0.1888+0.1387i	-0.2220-0.1652i	-0.7778+0.5777i	-0.1345+0.4771i	-0.0106+0.0012i
46.5	-46.3498-15.6056i	-72.0189-24.3501i	-2.7612-2.1356i	-0.1357+0.1286i	-0.2057-0.1636i	-0.7676+0.5596i	-0.1197+0.5008i	-0.0925+0.0781i
46.6	-46.1768-15.4912i	-71.7758-24.1216i	-2.5746-1.9690i	-0.2035+0.1444i	-0.1916-0.1990i	-0.7835+0.5371i	-0.1496+0.5516i	-0.1190+0.1219i
46.7	-45.9128-15.2599i	-71.3366-23.6767i	-2.2450-1.9546i	-0.1079+0.2020i	-0.2573-0.2077i	-0.7482+0.5453i	-0.0086+0.5779i	-0.0663+0.1761i
46.8	-45.7941-14.9618i	-71.1262-23.2517i	-2.2416-1.8910i	-0.0700+0.1801i	-0.2764-0.1723i	-0.7447+0.5273i	0.0435+0.5253i	-0.0367+0.1893i
46.9	-45.7109-14.7755i	-70.9974-22.8912i	-2.2856-1.9456i	-0.0354+0.1537i	-0.2890-0.1543i	-0.7464+0.5427i	0.0937+0.4645i	-0.0105+0.1752i
47.0	-45.3907-14.8435i	-70.4057-22.9966i	-2.1833-2.0978i	0.0144+0.1896i	-0.3248-0.1550i	-0.7236+0.5851i	0.1805+0.4718i	0.0743+0.2230i
47.1	-45.1281-15.0710i	-69.9926-23.3147i	-2.1802-1.9796i	-0.0058+0.2855i	-0.3286-0.1834i	-0.7098+0.5868i	0.1624+0.5698i	0.0917+0.2351i
47.2	-45.0053-14.9263i	-69.7126-23.0098i	-2.1174-2.1608i	0.0728+0.2887i	-0.3702-0.1919i	-0.7258+0.5368i	0.2543+0.5765i	0.1255+0.2570i
47.3	-44.7960-14.7840i	-69.2956-22.7547i	-2.1217-2.2297i	0.1233+0.2778i	-0.3929-0.1927i	-0.7771+0.5598i	0.3034+0.5552i	0.2074+0.2064i
47.4	-44.3982-14.7450i	-68.6576-22.8472i	-1.9950-2.1511i	0.1895+0.2948i	-0.4412-0.1684i	-0.7604+0.6632i	0.3801+0.5376i	0.2557+0.0733i
47.5	-44.4092-15.0170i	-68.5598-23.4259i	-2.0692-2.2254i	0.2264+0.2564i	-0.4766-0.1220i	-0.6926+0.7377i	0.4425+0.4882i	0.1889-0.1007i
47.6	-44.7385-15.0372i	-69.0846-23.2866i	-2.1846-2.1317i	0.2406+0.1490i	-0.4500-0.0616i	-0.5881+0.6921i	0.4465+0.3948i	-0.0463-0.1256i
47.7	-44.5771-14.9492i	-68.9479-23.2868i	-2.0401-2.2127i	0.2626+0.1669i	-0.4554-0.0438i	-0.5571+0.6795i	0.4774+0.3650i	-0.1114+0.0392i
47.8	-44.5333-14.6134i	-69.0051-22.7492i	-2.1080-2.1190i	0.3225+0.1356i	-0.4383-0.0347i	-0.5527+0.6286i	0.4952+0.3255i	-0.0544+0.0764i
47.9	-44.1654-14.3082i	-68.3670-22.2919i	-1.9491-2.0673i	0.3187+0.0144i	-0.4437-0.0206i	-0.5363+0.6110i	0.4934+0.2486i	-0.1081+0.1047i
48.0	-43.8198-14.3478i	-67.8111-22.5077i	-1.7964-2.2143i	0.2879+0.0500i	-0.4794-0.0026i	-0.5235+0.6285i	0.5278+0.2244i	-0.1137+0.1886i
48.1	-43.6219-14.7089i	-67.5865-23.1666i	-1.6920-2.3551i	0.2829+0.1307i	-0.5343+0.0057i	-0.4734+0.6341i	0.6174+0.2434i	-0.0764+0.3417i
48.2	-43.7301-14.7007i	-67.9022-23.0509i	-1.7645-2.4344i	0.2840+0.0736i	-0.5215+0.0733i	-0.4226+0.5844i	0.6085+0.1469i	0.0426+0.3995i
48.3	-43.7746-14.5640i	-68.0469-22.7312i	-1.7355-2.6059i	0.3284+0.0761i	-0.5047+0.1177i	-0.3873+0.5332i	0.6222+0.0858i	0.1435+0.3347i
48.4	-43.8060-14.2017i	-68.0922-22.2856i	-1.7886-2.7146i	0.4087+0.0260i	-0.4982+0.1385i	-0.3941+0.4807i	0.6601+0.0203i	0.2039+0.2960i
48.5	-43.3593-14.1299i	-67.3630-22.0619i	-1.8061-2.5770i	0.3336-0.0575i	-0.4589+0.1345i	-0.4773+0.4889i	0.5629-0.0165i	0.2025+0.2110i
48.6	-43.2442-14.1581i	-67.2501-22.1582i	-2.0092-2.5945i	0.3338-0.0958i	-0.4652+0.1852i	-0.4486+0.4944i	0.5427-0.1012i	0.1952+0.2165i
48.7	-43.3045-13.9976i	-67.1797-21.8162i	-2.0756-2.5746i	0.3678-0.0489i	-0.4354+0.1950i	-0.4347+0.4621i	0.5124-0.1033i	0.2480+0.2510i
48.8	-42.8806-13.6366i	-66.5174-21.2811i	-1.9663-2.3746i	0.3993-0.0263i	-0.4586+0.1640i	-0.4694+0.4962i	0.5405-0.0301i	0.2781+0.1814i
48.9	-42.7353-13.9270i	-66.4204-21.8982i	-1.8259-2.6079i	0.4423-0.0341i	-0.5155+0.2040i	-0.4031+0.5371i	0.6464-0.0443i	0.2943+0.1288i
49.0	-42.7520-13.8974i	-66.5340-21.7967i	-1.9025-2.7936i	0.4531-0.0782i	-0.4923+0.2742i	-0.3947+0.5024i	0.6398-0.1786i	0.2486+0.0813i
49.1	-42.6289-13.7605i	-66.4602-21.6241i	-1.8953-2.8250i	0.4186-0.1491i	-0.4527+0.3264i	-0.3830+0.4754i	0.6001-0.2923i	0.1907+0.1180i
49.2	-42.7170-13.4887i	-66.6172-21.2317i	-2.0699-2.8032i	0.3997-0.1399i	-0.4095+0.3495i	-0.3821+0.4059i	0.5471-0.3218i	0.2660+0.1694i
49.3	-42.2389-13.3021i	-66.1061-21.0065i	-2.1318-2.7461i	0.4165-0.1585i	-0.4077+0.3565i	-0.4211+0.3924i	0.5318-0.3514i	0.3552+0.1316i
49.4	-41.9783-13.1703i	-65.8487-20.8992i	-2.1200-2.5956i	0.3494-0.1139i	-0.3834+0.3866i	-0.4333+0.4768i	0.4461-0.3675i	0.4017+0.0414i
49.5	-42.0027-13.1717i	-65.7594-20.9900i	-2.2852-2.6834i	0.3389-0.1627i	-0.3228+0.4141i	-0.3837+0.4474i	0.3893-0.4112i	0.3107-0.0021i
49.6	-41.8946-13.3126i	-65.6478-20.8360i	-2.3470-2.7663i	0.3490-0.2076i	-0.2768+0.4359i	-0.4221+0.4198i	0.3691-0.4826i	0.3830-0.0346i
49.7	-41.5599-13.0290i	-65.1728-20.4336i	-2.3738-2.6684i	0.3643-0.1788i	-0.2256+0.4259i	-0.4606+0.4349i	0.3037-0.4715i	0.4067-0.1877i

49.8	-41.1197-12.7852i	-64.5840-20.1314i	-2.4608-2.4905i	0.3878-0.1568i	-0.2024+0.3940i	-0.4127+0.4868i	0.2507-0.4203i	0.2895-0.2690i
49.9	-40.7324-12.8085i	-63.9921-20.3560i	-2.3305-2.5204i	0.4016-0.1304i	-0.2360+0.3781i	-0.3251+0.5234i	0.3262-0.3594i	0.0959-0.2250i
50.0	-40.9515-12.8412i	-64.4359-20.3722i	-2.4752-2.4082i	0.3571-0.0970i	-0.2357+0.3682i	-0.3468+0.4847i	0.3203-0.3293i	0.0973-0.0826i
50.1	-40.6174-12.8190i	-63.9803-20.2995i	-2.3254-2.3987i	0.3770-0.1156i	-0.2297+0.3594i	-0.3841+0.4512i	0.3149-0.3380i	0.1659-0.1071i
50.2	-40.4679-12.9591i	-63.9524-20.3407i	-2.3802-2.5506i	0.3842-0.1593i	-0.2234+0.3900i	-0.3708+0.4082i	0.3425-0.3854i	0.1864-0.1157i
50.3	-40.4113-13.1333i	-63.8762-20.5309i	-2.5051-2.6555i	0.3703-0.1518i	-0.1750+0.4291i	-0.3708+0.4519i	0.2934-0.4655i	0.2031-0.2096i
50.4	-40.1214-12.8998i	-63.4980-20.2008i	-2.4368-2.5624i	0.4058-0.1711i	-0.1586+0.4209i	-0.3717+0.4904i	0.2904-0.4839i	0.1447-0.2431i
50.5	-39.7475-12.8424i	-62.8281-20.0955i	-2.2925-2.5877i	0.3181-0.2189i	-0.1511+0.3780i	-0.4024+0.4874i	0.2273-0.4623i	0.0305-0.2372i
50.6	-39.4179-12.6661i	-62.3037-20.1184i	-2.2814-2.4331i	0.3196-0.1575i	-0.1679+0.3694i	-0.4366+0.5438i	0.2029-0.4258i	-0.0541-0.1675i
50.7	-39.5243-12.8950i	-62.6139-20.6915i	-2.2966-2.4508i	0.3621-0.1640i	-0.1329+0.4124i	-0.2603+0.4735i	0.1837-0.4872i	-0.0795-0.0011i
50.8	-39.5196-12.9491i	-62.8430-20.7383i	-2.4447-2.4988i	0.3451-0.1813i	-0.0602+0.4261i	-0.2328+0.3943i	0.1106-0.5216i	0.0544+0.0573i
50.9	-39.2563-12.7274i	-62.5044-20.1715i	-2.6424-2.3303i	0.3513-0.1955i	-0.0418+0.3829i	-0.2880+0.4024i	0.0683-0.4783i	0.1034-0.0505i
51.0	-38.8959-12.9039i	-61.9069-20.4893i	-2.4515-2.3040i	0.4237-0.2000i	-0.0847+0.3922i	-0.2511+0.4338i	0.1301-0.4785i	0.0477-0.0565i
51.1	-38.9353-12.9723i	-62.2815-20.3514i	-2.3262-2.4415i	0.4511-0.2204i	-0.0522+0.3958i	-0.2627+0.3608i	0.1216-0.5065i	0.1427-0.0192i
51.2	-39.0129-12.6253i	-62.2990-19.8649i	-2.4539-2.1282i	0.4164-0.1898i	-0.0205+0.3594i	-0.2187+0.3827i	0.0790-0.4616i	0.1200-0.1583i
51.3	-39.2237-12.8128i	-62.6106-20.1953i	-2.5025-2.1713i	0.4024-0.2125i	-0.0054+0.3524i	-0.1599+0.3616i	0.0725-0.4657i	-0.0119-0.0816i
51.4	-39.2019-12.7482i	-62.7694-20.0072i	-2.5397-2.2274i	0.3871-0.2358i	0.0022+0.3507i	-0.1966+0.2361i	0.0524-0.4909i	0.0763+0.0228i
51.5	-38.6009-12.3743i	-61.9014-19.4286i	-2.3119-2.1126i	0.3952-0.1765i	-0.0182+0.3387i	-0.3116+0.2559i	0.0591-0.4673i	0.1530-0.0449i
51.6	-38.3813-12.0709i	-61.4140-18.9821i	-2.3700-2.1264i	0.3961-0.1892i	-0.0205+0.3319i	-0.4065+0.2901i	0.0307-0.4840i	0.1701-0.1133i
51.7	-38.2262-12.1680i	-61.1219-19.0055i	-2.5329-2.2228i	0.4299-0.1840i	-0.0123+0.3320i	-0.4456+0.3549i	-0.0056-0.4797i	0.1382-0.1563i
51.8	-37.7233-12.4547i	-60.4525-19.5819i	-2.5796-2.1784i	0.4628-0.1875i	-0.0008+0.3447i	-0.3563+0.4585i	-0.0178-0.4750i	0.0679-0.1791i
51.9	-37.5793-12.8257i	-60.3062-20.2030i	-2.5331-2.1704i	0.4977-0.1578i	-0.0150+0.3430i	-0.2805+0.5417i	0.0318-0.4218i	0.0506-0.1642i
52.0	-37.7660-12.6769i	-60.6798-19.8440i	-2.4969-2.0975i	0.4285-0.2344i	0.0237+0.3444i	-0.2976+0.4745i	-0.0329-0.4573i	0.1496-0.1505i
52.1	-37.7483-12.4750i	-60.5863-19.3341i	-2.5338-1.8850i	0.4111-0.2221i	0.0430+0.3056i	-0.2781+0.4795i	-0.0445-0.4174i	0.1178-0.2607i
52.2	-37.4761-12.3573i	-60.1578-19.2858i	-2.5128-1.8503i	0.5023-0.2154i	0.0143+0.3158i	-0.2171+0.4674i	0.0203-0.4430i	-0.0176-0.2502i
52.3	-36.9490-12.4972i	-59.5665-19.6358i	-2.4828-2.0656i	0.5606-0.2531i	0.0286+0.3435i	-0.2337+0.4749i	-0.0090-0.5016i	-0.0198-0.2167i
52.4	-37.0766-12.5446i	-59.8300-19.7777i	-2.4022-1.9656i	0.5036-0.2517i	0.0443+0.3398i	-0.1968+0.4265i	-0.0398-0.4790i	-0.0584-0.2012i
52.5	-36.9686-12.5751i	-59.6706-19.6333i	-2.4082-2.1104i	0.4716-0.2282i	0.0409+0.3272i	-0.2731+0.3905i	-0.0744-0.4681i	-0.0676-0.1896i
52.6	-36.6267-12.6897i	-59.0785-19.9611i	-2.3529-1.9949i	0.4640-0.2490i	0.0515+0.3449i	-0.2371+0.4133i	-0.1058-0.4761i	-0.1455-0.1972i
52.7	-36.8359-12.5013i	-59.3459-19.9201i	-2.4252-1.8560i	0.5290-0.2988i	0.0880+0.3468i	-0.2097+0.3429i	-0.1116-0.5031i	-0.1649-0.0785i
52.8	-36.7256-12.3992i	-59.6298-19.6560i	-2.4402-2.1109i	0.5178-0.3074i	0.1223+0.3431i	-0.2992+0.3216i	-0.1535-0.5087i	-0.0717+0.0088i
52.9	-36.5363-12.2694i	-59.5533-19.2249i	-2.6138-1.8924i	0.4734-0.2824i	0.1760+0.2902i	-0.3681+0.3200i	-0.2555-0.4413i	0.0557-0.0306i
53.0	-36.2389-12.1701i	-58.6975-18.9113i	-2.6726-1.5667i	0.5227-0.2349i	0.1886+0.2487i	-0.4200+0.4725i	-0.2603-0.3397i	0.0532-0.2156i
53.1	-36.0007-12.2987i	-58.4727-19.2469i	-2.6299-1.5105i	0.5593-0.2248i	0.1919+0.2396i	-0.3962+0.5741i	-0.2406-0.3070i	-0.0037-0.2259i
53.2	-35.7593-12.5158i	-58.0855-19.6058i	-2.5456-1.4856i	0.6404-0.2842i	0.1746+0.2192i	-0.3168+0.7067i	-0.1599-0.2950i	-0.0799-0.2658i
53.3	-35.8151-12.2561i	-58.3794-19.6020i	-2.5453-1.2388i	0.6246-0.4010i	0.1355+0.2025i	-0.1219+0.6288i	-0.1161-0.3704i	-0.1983-0.2278i
53.4	-35.8364-12.7358i	-58.7199-20.3860i	-2.6821-1.3710i	0.5322-0.4026i	0.1690+0.2028i	-0.0477+0.5898i	-0.1851-0.3645i	-0.2346-0.0814i
53.5	-35.7425-12.6565i	-58.7717-19.9880i	-2.3676-1.2540i	0.5110-0.4027i	0.1808+0.1669i	-0.1625+0.4703i	-0.2221-0.3124i	-0.1295-0.0351i
53.6	-35.5613-12.3966i	-58.5015-19.4338i	-2.1798-1.2315i	0.5515-0.3927i	0.1601+0.1491i	-0.2295+0.5161i	-0.1700-0.2731i	-0.0837-0.0969i
53.7	-35.3584-12.3248i	-58.1740-19.2851i	-2.0682-1.0868i	0.6031-0.4278i	0.1071+0.1284i	-0.1390+0.6475i	-0.0726-0.2594i	-0.2009-0.1354i
53.8	-35.4519-12.1593i	-58.2461-19.1529i	-1.8841-0.8682i	0.5470-0.4464i	0.1051+0.1047i	-0.1028+0.4990i	-0.1121-0.3004i	-0.2372+0.0091i
53.9	-34.9830-12.1777i	-57.4459-19.1102i	-1.9090-1.1015i	0.6218-0.4142i	0.1002+0.1393i	-0.2179+0.5905i	-0.0911-0.3015i	-0.1213-0.0414i
54.0	-34.6564-12.4105i	-57.2080-19.6068i	-1.8494-1.2604i	0.6244-0.4957i	0.1049+0.1613i	-0.1283+0.6609i	-0.0791-0.3491i	-0.1701-0.0653i
54.1	-34.6126-12.3414i	-57.4884-19.6327i	-1.7429-0.8415i	0.5204-0.5907i	0.1368+0.0965i	-0.0527+0.6519i	-0.1530-0.3106i	-0.2147-0.0378i
54.2	-34.5607-12.4081i	-57.5300-19.6785i	-1.5900-0.7135i	0.3935-0.6117i	0.1209+0.0835i	0.0730+0.6410i	-0.1760-0.3001i	-0.2009+0.0129i
54.3	-34.2914-12.4196i	-57.1749-19.4859i	-1.4296-0.9747i	0.3996-0.5424i	0.1230+0.0851i	0.0223+0.6097i	-0.1713-0.2862i	-0.1421-0.0074i
54.4	-34.2167-12.5264i	-57.0721-19.8437i	-1.5612-0.9832i	0.4443-0.5426i	0.1281+0.0785i	0.0167+0.7456i	-0.1547-0.2835i	-0.1863-0.0416i
54.5	-34.2808-12.7358i	-57.1605-20.0090i	-1.2542-0.9493i	0.3775-0.6114i	0.0733+0.0662i	0.1831+0.7249i	-0.0821-0.3081i	-0.2139+0.0090i
54.6	-34.5736-12.8221i	-57.3635-20.0388i	-1.0275-1.0780i	0.3204-0.5469i	0.0359+0.0686i	0.2729+0.6654i	-0.0554-0.2785i	-0.2224+0.0676i
54.7	-34.4585-12.6231i	-57.6264-19.7242i	-0.8230-1.2270i	0.3175-0.5306i	0.0119+0.0692i	0.3217+0.5678i	-0.0420-0.3077i	-0.1782+0.1334i
54.8	-34.3492-12.3678i	-57.8581-19.1598i	-0.9671-1.4322i	0.2684-0.4805i	-0.0005+0.0816i	0.2184+0.4586i	-0.0909-0.3210i	-0.0895+0.1092i
54.9	-34.1385-12.3040i	-57.5260-18.8254i	-0.8210-1.1043i	0.2182-0.4572i	-0.0206+0.0609i	0.1906+0.4216i	-0.1127-0.2810i	-0.0804+0.0168i
55.0	-34.0048-12.5106i	-57.2456-19.2420i	-0.7112-1.5503i	0.2596-0.4407i	-0.0423+0.1418i	0.3502+0.5456i	-0.0624-0.3629i	-0.1473-0.0070i
55.1	-33.8603-12.6316i	-57.0597-19.4671i	-0.8534-2.0799i	0.2893-0.4422i	-0.0282+0.1927i	0.3941+0.5496i	-0.0875-0.4443i	-0.1736+0.0162i
55.2	-33.8192-12.5965i	-56.9728-19.3289i	-0.9384-2.0182i	0.2644-0.3998i	-0.0051+0.1734i	0.4014+0.5574i	-0.1282-0.4126i	-0.1962+0.0273i
55.3	-33.8031-12.3435i	-57.0033-18.9520i	-0.7886-2.1190i	0.2992-0.3258i	0.0025+0.2009i	0.4295+0.4464i	-0.1259-0.4139i	-0.2003+0.0634i
55.4	-33.9347-12.3963i	-57.2776-18.8741i	-0.9160-2.1299i	0.2923-0.3430i	0.0175+0.2082i	0.4322+0.2625i	-0.1714-0.4281i	-0.1784+0.0913i
55.5	-33.6650-12.3756i	-56.9039-18.5785i	-1.1012-2.1469i	0.3069-0.3529i	0.0485+0.2057i	0.3749+0.2532i	-0.2086-0.4182i	-0.1502+0.1009i
55.6	-33.2334-12.1788i	-56.4064-18.5065i	-0.9601-2.0656i	0.3153-0.3718i	0.0272+0.1860i	0.3336+0.3428i	-0.1971-0.3655i	-0.1429+0.0834i
55.7	-33.2916-12.2235i	-56.3413-18.6288i	-1.1173-1.9729i	0.3336-0.3779i	0.0654+0.1904i	0.3579+0.3044i	-0.2143-0.4090i	-0.1715+0.0830i
55.8	-33.0653-12.2903i	-56.1164-18.7323i	-1.2209-2.1559i	0.3262-0.4070i	0.0969+0.1912i	0.4147+0.2381i	-0.2629-0.4413i	-0.1646+0.1045i
55.9	-33.0026-12.3196i	-56.0948-18.7541i	-1.0433-2.2320i	0.3041-0.3508i	0.0696+0.1936i	0.4675+0.1981i	-0.2488-0.3778i	-0.1492+0.1209i
56.0	-33.1980-12.2122i	-56.1252-18.5453i	-1.0328-2.2120i	0.2956-0.3033i	0.0657+0.1838i	0.3739+0.1302i	-0.2440-0.3597i	-0.1407+0.1279i

56.1	-32.9236-12.2393i	-55.8185-18.6660i	-1.2384-2.2560i	0.3328-0.2903i	0.0930+0.1598i	0.2820+0.1726i	-0.2620-0.3326i	-0.1330+0.1100i
56.2	-32.6501-12.2099i	-55.4094-18.6111i	-1.0501-2.2155i	0.3353-0.2680i	0.0867+0.1724i	0.3191+0.2499i	-0.2530-0.3208i	-0.1430+0.0952i
56.3	-32.7069-12.3570i	-55.8372-18.4712i	-1.2214-2.1147i	0.3471-0.3079i	0.0837+0.1518i	0.3823+0.2520i	-0.2638-0.3008i	-0.1459+0.1269i
56.4	-32.5987-12.3243i	-55.7010-18.5418i	-1.1439-2.1098i	0.3066-0.3190i	0.0803+0.1419i	0.4280+0.1965i	-0.2780-0.2891i	-0.1363+0.1322i
56.5	-32.4893-12.1695i	-55.4567-18.3811i	-1.1513-2.0081i	0.2837-0.3319i	0.0959+0.1350i	0.3917+0.1136i	-0.2838-0.3029i	-0.1302+0.1337i
56.6	-32.5874-12.0848i	-55.4012-18.3014i	-1.2526-2.1584i	0.2833-0.3687i	0.0928+0.1459i	0.3791+0.0429i	-0.3080-0.3283i	-0.1179+0.1389i
56.7	-32.5707-12.0743i	-55.3283-18.1636i	-1.2055-2.2008i	0.2649-0.3147i	0.0938+0.1354i	0.3174+0.0508i	-0.3180-0.3088i	-0.1165+0.1397i
56.8	-32.2655-12.1988i	-55.3217-18.1125i	-1.0544-2.1521i	0.2962-0.3218i	0.0941+0.1357i	0.3446+0.0169i	-0.3000-0.3020i	-0.1253+0.1534i
56.9	-32.0698-11.9370i	-54.9678-17.8524i	-1.1983-2.3082i	0.2895-0.3495i	0.1053+0.1383i	0.3135+0.0031i	-0.3124-0.3174i	-0.1182+0.1618i
57.0	-31.8382-12.2056i	-54.7512-18.1149i	-1.3210-2.2262i	0.2707-0.3042i	0.1118+0.1244i	0.2665+0.0059i	-0.3278-0.2676i	-0.1168+0.1495i
57.1	-31.8939-12.2158i	-54.7516-18.1687i	-1.1863-2.0040i	0.2899-0.2930i	0.1065+0.1109i	0.3013+0.0183i	-0.3159-0.2376i	-0.1225+0.1746i
57.2	-31.8309-12.1734i	-54.6151-17.9250i	-1.1274-1.9939i	0.3114-0.3408i	0.1058+0.1014i	0.2859-0.0202i	-0.3151-0.2431i	-0.0820+0.1858i
57.3	-31.3141-12.0947i	-54.0953-17.9013i	-0.9356-2.2781i	0.3305-0.3148i	0.0906+0.1204i	0.2346+0.0390i	-0.2826-0.2461i	-0.0755+0.1582i
57.4	-31.3715-12.0262i	-54.1884-17.8962i	-0.9924-2.2045i	0.3218-0.2900i	0.0842+0.1300i	0.2789+0.0569i	-0.2877-0.2408i	-0.1014+0.1516i
57.5	-31.4302-11.9238i	-54.2785-17.5978i	-1.0068-2.0403i	0.2895-0.2852i	0.0902+0.1347i	0.3176-0.0055i	-0.2766-0.2310i	-0.0956+0.1589i
57.6	-31.4393-11.9193i	-54.2187-17.5285i	-1.1478-2.2650i	0.3343-0.2769i	0.1123+0.1324i	0.3118-0.0058i	-0.2937-0.2363i	-0.0968+0.1806i
57.7	-31.2103-11.7549i	-53.9514-17.5298i	-0.9736-2.2673i	0.3043-0.2884i	0.1104+0.1150i	0.2911-0.0161i	-0.3009-0.2213i	-0.0805+0.1795i
57.8	-31.1469-11.7536i	-53.9777-17.5902i	-1.0169-2.2696i	0.2699-0.3095i	0.0953+0.1017i	0.3251-0.0189i	-0.3043-0.1999i	-0.0614+0.1854i
57.9	-31.0554-11.7146i	-53.7426-17.5788i	-1.1101-2.0188i	0.2643-0.2878i	0.1167+0.0834i	0.2446+0.0531i	-0.3195-0.1977i	-0.1054+0.1876i
58.0	-31.1425-11.8916i	-53.6403-17.6191i	-0.8543-2.0698i	0.2463-0.2150i	0.1092+0.0950i	0.2813+0.0607i	-0.2887-0.1509i	-0.1381+0.1930i
58.1	-30.8412-12.0683i	-53.4604-17.6627i	-0.7859-2.2888i	0.2286-0.1748i	0.1024+0.1129i	0.3006-0.0142i	-0.2876-0.1488i	-0.1021+0.1659i
58.2	-30.3975-11.9135i	-53.0948-17.4833i	-0.8618-2.5089i	0.2789-0.1973i	0.1167+0.1221i	0.2614-0.0871i	-0.2938-0.1798i	-0.0833+0.1605i
58.3	-30.1401-11.5512i	-52.8982-17.1476i	-0.7454-2.5129i	0.3195-0.2376i	0.1009+0.1165i	0.2945-0.0719i	-0.2828-0.1859i	-0.0623+0.1758i
58.4	-29.8422-11.8016i	-52.5533-17.1097i	-0.7913-2.4748i	0.2715-0.2996i	0.1104+0.0978i	0.1803-0.0512i	-0.3193-0.2077i	-0.0612+0.1677i
58.5	-29.9121-11.8253i	-52.5731-17.2263i	-0.9322-2.5291i	0.2382-0.2661i	0.1205+0.0937i	0.1614-0.0141i	-0.3164-0.1997i	-0.0891+0.1788i
58.6	-30.3424-11.7341i	-53.1801-16.9352i	-0.9716-2.2945i	0.2728-0.2900i	0.0982+0.0837i	0.2358-0.0365i	-0.2786-0.1784i	-0.0343+0.1964i
58.7	-30.1454-11.8330i	-53.0647-17.0747i	-0.7316-2.5587i	0.3204-0.2799i	0.0811+0.0851i	0.3020-0.0687i	-0.2592-0.1845i	-0.0151+0.1975i
58.8	-29.9363-11.7965i	-52.4974-17.2078i	-0.6136-2.4452i	0.3046-0.2230i	0.1018+0.0658i	0.2826-0.0027i	-0.2521-0.1768i	-0.0782+0.2143i
58.9	-29.6356-11.4434i	-52.2042-17.0081i	-0.6865-2.4051i	0.2872-0.2592i	0.1143+0.0664i	0.2573-0.0283i	-0.2553-0.2064i	-0.0358+0.2072i
59.0	-29.4327-11.4161i	-52.0769-16.9857i	-0.6591-2.3078i	0.2908-0.2840i	0.1058+0.0626i	0.2556-0.0382i	-0.2518-0.2208i	0.0119+0.2042i
59.1	-29.3822-11.6592i	-52.1439-17.1624i	-0.6318-2.6080i	0.2499-0.2223i	0.0918+0.0603i	0.2883-0.0571i	-0.2626-0.1819i	-0.0248+0.1939i
59.2	-29.1811-11.8662i	-52.0919-16.9647i	-0.4625-2.7224i	0.2706-0.1546i	0.0972+0.0643i	0.2838-0.0451i	-0.2585-0.1553i	-0.0592+0.2171i
59.3	-28.9766-11.7322i	-51.7994-16.9454i	-0.5945-2.6054i	0.1753-0.2205i	0.1019+0.0553i	0.2399-0.0365i	-0.3149-0.1816i	-0.0482+0.2065i
59.4	-28.9040-11.4154i	-51.7502-16.4940i	-0.5229-2.5441i	0.2553-0.2521i	0.1126+0.0451i	0.2151-0.0691i	-0.2760-0.2149i	-0.0282+0.2371i
59.5	-28.9614-11.2843i	-51.6960-16.4160i	-0.6226-2.4886i	0.3040-0.1845i	0.1148+0.0547i	0.2206-0.1172i	-0.2619-0.1944i	-0.0348+0.2269i
59.6	-28.6885-11.4804i	-51.3410-16.5979i	-0.7077-2.6586i	0.2961-0.1715i	0.1192+0.0527i	0.2027-0.0991i	-0.2696-0.1848i	-0.0427+0.2424i
59.7	-28.5038-11.5518i	-50.9240-16.5298i	-0.6123-2.6816i	0.2406-0.2041i	0.1148+0.0508i	0.1756-0.0890i	-0.2843-0.1840i	-0.0244+0.2332i
59.8	-28.3052-11.5648i	-50.5870-16.8096i	-0.2846-2.8161i	0.2160-0.1682i	0.1100+0.0282i	0.1954-0.0202i	-0.2835-0.2020i	-0.0111+0.2497i
59.9	-28.4560-11.7841i	-50.7457-16.8433i	-0.5216-2.8535i	0.2011-0.2024i	0.1022+0.0163i	0.2017-0.0359i	-0.3129-0.2196i	-0.0130+0.2414i
60.0	-28.3639-11.9105i	-50.9540-16.8118i	-0.6460-3.5013i	0.2931-0.1681i	0.0863+0.0406i	0.2375-0.1290i	-0.3036-0.2168i	0.0165+0.2630i
60.1	-28.2510-11.8274i	-51.1520-16.8864i	-0.4519-3.5179i	0.3077-0.0518i	0.0823+0.0409i	0.2692-0.1334i	-0.2756-0.1666i	0.0164+0.2763i
60.2	-28.0701-11.5892i	-50.9228-16.6004i	-0.7563-3.3150i	0.2889-0.1040i	0.0765+0.0353i	0.2452-0.1325i	-0.3041-0.1859i	0.0315+0.2467i
60.3	-27.8836-11.7794i	-50.4920-16.6730i	-0.9849-3.5753i	0.2218-0.1534i	0.0798+0.0384i	0.2089-0.1387i	-0.3424-0.1968i	0.0379+0.2076i
60.4	-27.7735-11.5499i	-50.4731-16.6922i	-0.4431-3.7373i	0.2262-0.0684i	0.0782+0.0267i	0.2516-0.1064i	-0.3275-0.1624i	0.0515+0.2343i
60.5	-27.7865-11.2721i	-50.2681-16.4475i	-0.3578-3.7325i	0.2828-0.0539i	0.0701+0.0262i	0.2729-0.1531i	-0.3005-0.1731i	0.0878+0.2453i
60.6	-27.5746-11.4789i	-50.0201-16.4542i	-0.3004-3.6666i	0.2735-0.0354i	0.0629+0.0278i	0.2768-0.1521i	-0.3074-0.1828i	0.0619+0.2244i
60.7	-27.5489-11.5824i	-50.0206-16.6107i	-0.1277-3.7952i	0.2646+0.0319i	0.0726+0.0131i	0.2824-0.1010i	-0.2994-0.1589i	0.0423+0.2548i
60.8	-27.2239-11.8167i	-49.4995-16.9881i	-0.2864-4.1263i	0.2115+0.0435i	0.0620+0.0235i	0.2534-0.1592i	-0.3336-0.1479i	0.0587+0.2542i
60.9	-26.9528-11.4043i	-49.4109-16.4980i	-0.6670-4.2017i	0.2949-0.0583i	0.0649+0.0317i	0.2130-0.1797i	-0.3193-0.1935i	0.0926+0.2181i
61.0	-27.2076-11.3064i	-49.7114-16.5130i	-0.9409-4.1170i	0.3621-0.0456i	0.0659+0.0249i	0.2355-0.1942i	-0.3084-0.1935i	0.0930+0.2245i
61.1	-27.1677-11.9110i	-49.5702-16.6361i	-1.0424-4.5727i	0.3038+0.0148i	0.0693+0.0249i	0.2184-0.1808i	-0.3358-0.1669i	0.0759+0.2387i
61.2	-26.7128-12.0047i	-49.3612-16.6103i	-0.6736-5.2736i	0.3219+0.0598i	0.0599+0.0248i	0.2195-0.1817i	-0.3229-0.1664i	0.1133+0.2837i
61.3	-26.7383-11.9925i	-49.2802-16.7528i	-0.7779-4.9367i	0.3398+0.0383i	0.0579+0.0106i	0.2340-0.1897i	-0.3108-0.1756i	0.1235+0.2613i
61.4	-26.8188-11.7476i	-49.1470-16.6128i	-1.1671-4.6203i	0.3303+0.0254i	0.0590+0.0127i	0.2226-0.2011i	-0.3335-0.1697i	0.0963+0.2510i
61.5	-26.6854-11.6676i	-48.8434-16.5977i	-1.2187-4.7145i	0.2949+0.1037i	0.0584+0.0278i	0.2114-0.2051i	-0.3648-0.1271i	0.0761+0.3206i
61.6	-26.2689-11.7115i	-48.4467-16.7403i	-1.3494-5.3146i	0.3323+0.0965i	0.0631+0.0217i	0.1906-0.2009i	-0.3610-0.1689i	0.1161+0.2832i
61.7	-26.2284-12.1113i	-48.6803-16.5610i	-1.6331-5.6175i	0.3660+0.0327i	0.0628+0.0092i	0.2056-0.1783i	-0.3473-0.1834i	0.1418+0.2147i
61.8	-26.3470-12.0947i	-48.8003-16.5733i	-1.8207-5.3827i	0.3356+0.0841i	0.0539+0.0191i	0.2096-0.1995i	-0.3696-0.1416i	0.1008+0.2646i
61.9	-26.1077-11.6031i	-48.4830-16.3111i	-1.6571-5.2112i	0.3853+0.0992i	0.0513+0.0224i	0.1899-0.2149i	-0.3341-0.1436i	0.1434+0.2666i
62.0	-25.6815-11.3637i	-48.1061-16.0272i	-1.7025-5.3110i	0.3866+0.0763i	0.0562+0.0167i	0.1644-0.2044i	-0.3483-0.1775i	0.1615+0.2298i
62.1	-25.9463-11.2471i	-47.9660-16.2228i	-2.3234-4.9820i	0.3793+0.0582i	0.0609+0.0056i	0.1773-0.1800i	-0.3570-0.1650i	0.1816+0.2677i
62.2	-25.9994-11.2693i	-47.8555-16.2425i	-2.2645-4.7264i	0.3572+0.0815i	0.0578+0.0068i	0.1728-0.1545i	-0.3809-0.1270i	0.1515+0.2815i
62.3	-25.9023-11.3780i	-47.6040-16.1929i	-2.4155-4.5186i	0.3877+0.0733i	0.0551+0.0056i	0.1910-0.1446i	-0.3763-0.1149i	0.1642+0.2857i

62.4	-25.6360-11.5328i	-47.6577-16.1031i	-2.7178-4.6740i	0.4230+0.0926i	0.0574+0.0088i	0.1881-0.1968i	-0.3579-0.1058i	0.1801+0.2588i
62.5	-25.2964-11.6178i	-47.5795-16.0402i	-3.0995-4.8065i	0.4458+0.0211i	0.0560+0.0127i	0.1478-0.2414i	-0.3790-0.1342i	0.1329+0.2041i
62.6	-25.3392-11.5871i	-47.6035-16.0141i	-3.2428-4.8958i	0.4734+0.0671i	0.0543+0.0119i	0.1330-0.2208i	-0.3786-0.1173i	0.1705+0.2074i
62.7	-25.3216-11.6191i	-47.6075-16.0298i	-3.3976-4.8310i	0.4665+0.0908i	0.0561+0.0082i	0.1250-0.1993i	-0.3781-0.1164i	0.1629+0.2144i
62.8	-24.8678-11.4110i	-47.2191-16.0399i	-3.2274-4.7415i	0.5510+0.0581i	0.0490+0.0051i	0.1483-0.2022i	-0.3543-0.1447i	0.2078+0.1536i
62.9	-25.1006-11.2043i	-47.3891-16.0348i	-3.0022-4.5579i	0.5469+0.0724i	0.0424-0.0056i	0.1552-0.2069i	-0.3440-0.1242i	0.2343+0.1582i
63.0	-25.0026-11.7203i	-47.5558-16.1312i	-3.3989-4.7710i	0.5669+0.0312i	0.0435+0.0017i	0.1532-0.1986i	-0.3547-0.1271i	0.2065+0.1366i
63.1	-24.8102-11.8490i	-47.1542-16.4715i	-3.7851-4.5033i	0.5744+0.1126i	0.0380-0.0003i	0.1624-0.1771i	-0.3604-0.0811i	0.2728+0.2024i
63.2	-24.5909-11.4756i	-46.8117-16.5576i	-3.8907-4.3097i	0.5815+0.1504i	0.0282-0.0008i	0.1713-0.1993i	-0.3653-0.0518i	0.3092+0.2215i
63.3	-24.3204-11.6464i	-46.7902-16.5652i	-4.1923-4.4522i	0.6118+0.0842i	0.0258+0.0133i	0.1648-0.2400i	-0.3748-0.0673i	0.2875+0.1219i
63.4	-24.1303-11.5483i	-46.4902-16.4561i	-3.9843-4.5532i	0.6089+0.0290i	0.0303-0.0021i	0.1694-0.1953i	-0.3824-0.1033i	0.2729+0.1328i
63.5	-24.0474-11.4290i	-46.3756-16.2993i	-4.1527-4.1652i	0.5957+0.0455i	0.0346-0.0041i	0.1540-0.1777i	-0.3730-0.0952i	0.2644+0.0912i
63.6	-23.9547-11.3649i	-46.0211-15.9523i	-3.5641-4.0295i	0.5273+0.0300i	0.0224-0.0065i	0.1539-0.1884i	-0.3817-0.0895i	0.2624+0.0723i
63.7	-23.4309-11.0916i	-45.7095-16.1333i	-3.7377-4.1563i	0.5419+0.0516i	0.0232-0.0076i	0.1274-0.1794i	-0.3979-0.0871i	0.2784+0.1494i
63.8	-23.3218-11.2685i	-45.8398-16.1359i	-3.8793-4.1381i	0.5461+0.0753i	0.0203-0.0032i	0.1402-0.1918i	-0.3934-0.0602i	0.2611+0.1237i
63.9	-23.0804-11.4956i	-45.7741-15.9817i	-4.0826-3.9099i	0.5794+0.0358i	0.0182-0.0090i	0.1721-0.1798i	-0.3902-0.0765i	0.2473+0.1192i
64.0	-23.0430-11.5673i	-45.7535-16.1667i	-4.4575-3.8824i	0.6370+0.0646i	0.0188-0.0156i	0.1776-0.1690i	-0.3745-0.0762i	0.3014+0.0848i
64.1	-23.5520-11.5727i	-45.7351-16.2289i	-4.4122-3.6876i	0.6298+0.0880i	0.0100-0.0071i	0.1571-0.1961i	-0.3445-0.0615i	0.2953+0.0419i
64.2	-22.9337-11.5097i	-45.4624-16.2217i	-4.2846-3.9121i	0.6310+0.1055i	0.0027-0.0067i	0.1584-0.1957i	-0.3564-0.0510i	0.2580+0.0406i
64.3	-22.9229-11.4849i	-45.5704-16.1907i	-4.3313-3.6759i	0.6550+0.1049i	-0.0042+0.0015i	0.1805-0.1959i	-0.3702-0.0445i	0.2622+0.0124i
64.4	-22.7032-11.3125i	-45.4335-16.0441i	-4.1796-3.7441i	0.6537+0.0765i	-0.0018+0.0004i	0.1776-0.1896i	-0.3598-0.0728i	0.2167+0.0042i
64.5	-22.4544-11.1069i	-45.0966-16.2022i	-4.2993-3.8077i	0.6264+0.1223i	-0.0032-0.0016i	0.1562-0.1968i	-0.3644-0.0515i	0.2514-0.0202i
64.6	-22.2660-11.0641i	-44.7629-16.2381i	-4.0539-3.6794i	0.6146+0.1306i	-0.0012-0.0079i	0.1601-0.1800i	-0.3634-0.0442i	0.2550-0.0023i
64.7	-22.3967-11.3096i	-45.0289-15.9252i	-4.3209-3.3952i	0.6467+0.0774i	0.0037-0.0106i	0.1679-0.1850i	-0.3627-0.0545i	0.2156-0.0067i
64.8	-22.2005-11.2489i	-44.8366-15.8243i	-4.2704-3.2803i	0.6577+0.0722i	-0.0012-0.0140i	0.1860-0.1825i	-0.3649-0.0484i	0.2111-0.0222i
64.9	-21.7561-10.7337i	-44.1791-15.7451i	-4.0691-3.1605i	0.6399+0.0697i	-0.0005-0.0062i	0.1756-0.2019i	-0.3705-0.0601i	0.2085+0.0024i
65.0	-21.6953-10.7661i	-44.4538-15.6504i	-4.1578-2.9992i	0.7009+0.0417i	-0.0005+0.0028i	0.1601-0.2091i	-0.3524-0.0702i	0.1877-0.0055i
65.1	-21.3405-11.1383i	-44.2824-15.8314i	-4.3446-3.1475i	0.7078+0.0627i	-0.0090-0.0018i	0.1755-0.2225i	-0.3513-0.0686i	0.1809-0.0226i
65.2	-20.9906-11.2676i	-44.0954-15.9137i	-4.4887-3.1436i	0.6685+0.0252i	-0.0234-0.0138i	0.1957-0.2039i	-0.3746-0.0735i	0.2182-0.0155i
65.3	-21.0464-10.9881i	-44.2705-15.8764i	-4.4394-3.1584i	0.7090+0.0357i	-0.0188-0.0081i	0.1700-0.1893i	-0.3530-0.0683i	0.2164-0.0146i
65.4	-20.9827-11.0048i	-43.9248-15.9365i	-4.3878-3.1270i	0.6770+0.0889i	-0.0178-0.0075i	0.1667-0.1780i	-0.3509-0.0599i	0.2102-0.0295i
65.5	-20.8161-11.4931i	-44.0091-16.0271i	-4.4241-3.0052i	0.6999+0.0840i	-0.0217-0.0095i	0.1661-0.1819i	-0.3470-0.0393i	0.1964-0.0319i
65.6	-20.4358-11.0358i	-43.5577-15.8232i	-4.2518-3.0772i	0.7464+0.0438i	-0.0216-0.0036i	0.1945-0.1888i	-0.3493-0.0645i	0.1754-0.0178i
65.7	-20.1889-11.0595i	-43.4412-15.7677i	-4.3617-2.9488i	0.7426+0.0757i	-0.0221+0.0027i	0.1875-0.1888i	-0.3399-0.0589i	0.1491-0.0460i
65.8	-20.2861-11.5653i	-43.7398-15.8251i	-4.5367-2.8297i	0.7676+0.0680i	-0.0318+0.0088i	0.1842-0.2074i	-0.3362-0.0539i	0.1642-0.0568i
65.9	-20.2587-11.8369i	-43.6866-16.1211i	-4.6802-2.6553i	0.7098+0.0547i	-0.0372-0.0034i	0.1927-0.1877i	-0.3561-0.0471i	0.2029-0.0783i
66.0	-20.2263-11.9321i	-43.3449-15.8280i	-4.5810-2.5719i	0.7189+0.1061i	-0.0258-0.0029i	0.1631-0.1487i	-0.3348-0.0280i	0.1773-0.1016i
66.1	-19.9514-11.3901i	-43.3481-15.4343i	-4.4073-2.4785i	0.7452+0.0876i	-0.0272-0.0036i	0.1565-0.1840i	-0.3168-0.0473i	0.1671-0.0981i
66.2	-19.7858-11.6349i	-43.1164-15.4996i	-4.3497-2.3965i	0.6858+0.0575i	-0.0311-0.0003i	0.1573-0.1792i	-0.3431-0.0475i	0.1683-0.0886i
66.3	-19.1768-11.5610i	-42.8739-15.7997i	-4.4395-2.6143i	0.7510+0.0723i	-0.0388+0.0040i	0.1785-0.1660i	-0.3505-0.0616i	0.1747-0.0747i
66.4	-19.2161-11.7436i	-42.8293-15.6198i	-4.4621-2.5249i	0.7142+0.0647i	-0.0285+0.0072i	0.1600-0.1800i	-0.3405-0.0461i	0.1416-0.0731i
66.5	-19.3118-11.7874i	-42.5507-15.4242i	-4.3535-2.5561i	0.7265+0.0368i	-0.0324-0.0104i	0.1744-0.1522i	-0.3338-0.0573i	0.1372-0.0656i
66.6	-19.3424-11.8023i	-42.4761-15.2883i	-4.2802-2.5448i	0.7072+0.0701i	-0.0452-0.0017i	0.1832-0.1538i	-0.3318-0.0441i	0.1411-0.0646i
66.7	-18.9398-12.1754i	-42.3972-15.5391i	-4.3779-2.3203i	0.7056+0.0600i	-0.0513+0.0068i	0.1992-0.1992i	-0.3365-0.0333i	0.0985-0.0676i
66.8	-18.9013-12.4116i	-42.1723-15.7137i	-4.4572-2.3689i	0.6404+0.0149i	-0.0473+0.0064i	0.1957-0.2125i	-0.3538-0.0339i	0.0817-0.0328i
66.9	-18.8535-12.3516i	-41.7125-15.7176i	-4.3437-2.5697i	0.6548+0.0656i	-0.0470-0.0030i	0.1911-0.1634i	-0.3428-0.0356i	0.1239-0.0505i
67.0	-18.8037-12.2152i	-41.9069-15.3799i	-4.1114-2.2162i	0.7243+0.0528i	-0.0443-0.0079i	0.1917-0.1436i	-0.3162-0.0451i	0.1167-0.0685i
67.1	-18.8733-12.1494i	-41.9041-15.4112i	-4.2473-2.0827i	0.7106+0.0370i	-0.0501-0.0137i	0.2363-0.1248i	-0.3470-0.0388i	0.1090-0.0573i
67.2	-18.8804-12.1353i	-41.6153-15.5291i	-4.3045-2.1144i	0.6881+0.0668i	-0.0603+0.0003i	0.2348-0.1568i	-0.3494-0.0357i	0.0955-0.0631i
67.3	-18.7875-12.1673i	-41.4700-15.6096i	-4.2227-2.2604i	0.6565+0.1050i	-0.0743+0.0045i	0.2368-0.1898i	-0.3579-0.0263i	0.0732-0.0594i
67.4	-18.9068-12.1919i	-41.4071-15.3988i	-4.1958-2.2468i	0.6412+0.0939i	-0.0768+0.0044i	0.2448-0.1995i	-0.3612-0.0209i	0.0568-0.0360i
67.5	-18.7110-12.2550i	-40.8082-15.5599i	-4.1266-2.4535i	0.5970+0.1559i	-0.0836+0.0026i	0.2534-0.1626i	-0.3786-0.0244i	0.0973-0.0574i
67.6	-18.5723-12.5036i	-40.7789-15.5499i	-4.2922-2.4535i	0.5939+0.1265i	-0.0838+0.0119i	0.2667-0.1484i	-0.3801-0.0459i	0.0980-0.0659i
67.7	-19.0992-12.1105i	-41.0170-15.4765i	-4.3709-2.2850i	0.6387+0.1280i	-0.0730+0.0025i	0.2676-0.1182i	-0.3473-0.0506i	0.0816-0.0511i
67.8	-18.6929-11.6510i	-40.7855-15.3443i	-4.2921-2.1365i	0.6935+0.1529i	-0.0697-0.0034i	0.2577-0.0813i	-0.3323-0.0626i	0.0832-0.0411i
67.9	-18.0205-11.7442i	-40.4577-15.4266i	-4.2241-2.2409i	0.6717+0.1483i	-0.0783+0.0057i	0.2849-0.1213i	-0.3465-0.0640i	0.0768-0.0628i
68.0	-18.1275-11.9516i	-40.6421-15.2432i	-4.3400-2.1808i	0.6759+0.0495i	-0.0860-0.0028i	0.3384-0.1233i	-0.3627-0.0643i	0.0613-0.0656i
68.1	-17.9459-11.5535i	-40.1579-15.0944i	-4.1741-2.1516i	0.6584+0.0799i	-0.0883-0.0097i	0.3657-0.0964i	-0.3702-0.0887i	0.0766-0.0612i
68.2	-17.9205-11.4469i	-39.9407-15.1578i	-4.1784-2.1524i	0.6037+0.1779i	-0.1016+0.0036i	0.3460-0.1472i	-0.3930-0.0767i	0.0696-0.0653i
68.3	-17.6002-11.2521i	-39.8391-14.9256i	-4.1230-2.1240i	0.6352+0.2216i	-0.1054+0.0163i	0.3213-0.1670i	-0.3696-0.0547i	0.0367-0.0507i
68.4	-17.4325-10.8825i	-39.5296-15.2954i	-4.3080-2.3211i	0.6107+0.2939i	-0.1138+0.0235i	0.3280-0.1801i	-0.3944-0.0329i	0.0222-0.0551i
68.5	-17.8178-10.9935i	-39.6809-15.2671i	-4.3516-2.1129i	0.5849+0.1798i	-0.1021+0.0125i	0.3416-0.1527i	-0.3947-0.0705i	0.0506-0.0020i
68.6	-17.3996-11.2509i	-39.1783-15.1575i	-4.2293-2.1037i	0.5679+0.1534i	-0.1137+0.0116i	0.3908-0.1531i	-0.4068-0.0943i	0.0483-0.0091i

68.7	-16.7958-11.3042i	-38.9709-15.0552i	-4.2163-1.9924i	0.6248+0.2336i	-0.1255+0.0180i	0.4074-0.1600i	-0.3969-0.0706i	0.0594+0.0032i
68.8	-16.7781-11.1835i	-38.9105-15.0247i	-4.2257-1.9442i	0.5967+0.2675i	-0.1256+0.0156i	0.4104-0.1245i	-0.3880-0.0464i	0.0630+0.0158i
68.9	-16.6230-11.1529i	-38.8576-14.9076i	-4.4129-1.9432i	0.6040+0.2904i	-0.1259+0.0109i	0.4021-0.1322i	-0.3804-0.0464i	0.0908+0.0057i
69.0	-16.0733-11.3263i	-38.8057-14.9843i	-4.5006-2.1442i	0.6694+0.3193i	-0.1290+0.0196i	0.4160-0.1670i	-0.4050-0.0480i	0.0574-0.0191i
69.1	-15.2574-11.4322i	-38.3481-15.4161i	-4.5165-2.3339i	0.6640+0.3616i	-0.1389+0.0187i	0.4575-0.1706i	-0.4396-0.0293i	0.0227-0.0128i
69.2	-15.4198-11.1801i	-38.0858-15.2361i	-4.3547-2.1462i	0.6703+0.3302i	-0.1475+0.0206i	0.4773-0.1657i	-0.4366-0.0478i	0.0540-0.0133i
69.3	-15.3741-10.6955i	-37.6874-14.7986i	-4.2516-2.2152i	0.6759+0.3106i	-0.1453+0.0218i	0.4716-0.1690i	-0.4324-0.0779i	0.0709-0.0031i
69.4	-15.2535-10.6685i	-37.4012-15.1188i	-4.3776-2.2071i	0.6828+0.3881i	-0.1436+0.0353i	0.4894-0.1941i	-0.4279-0.0403i	0.0787+0.0076i
69.5	-14.9520-10.6176i	-37.3184-15.0732i	-4.3311-2.0068i	0.6781+0.4114i	-0.1470+0.0274i	0.4886-0.2137i	-0.4225-0.0508i	-0.0011-0.0144i
69.6	-14.5415-11.1839i	-37.3890-15.1646i	-4.4336-1.8498i	0.6806+0.4013i	-0.1579+0.0330i	0.5140-0.2127i	-0.4413-0.0436i	-0.0375+0.0135i
69.7	-14.3933-11.1637i	-37.3637-15.1938i	-4.6414-1.7931i	0.6651+0.3658i	-0.1726+0.0507i	0.5120-0.2449i	-0.4694-0.0225i	0.0184+0.0409i
69.8	-14.5057-10.9414i	-37.3901-15.1472i	-4.4842-1.8553i	0.6970+0.3813i	-0.1721+0.0469i	0.5278-0.2479i	-0.4575-0.0270i	0.0139-0.0042i
69.9	-14.3809-10.9004i	-36.8965-15.4103i	-4.7445-1.9561i	0.6653+0.4251i	-0.1792+0.0491i	0.5756-0.2645i	-0.4864-0.0261i	0.0147-0.0033i
70.0	-14.1924-10.5600i	-36.4488-14.9399i	-4.4907-1.8818i	0.6896+0.4916i	-0.1886+0.0405i	0.5892-0.2511i	-0.4752-0.0518i	-0.0284+0.0217i
70.1	-13.9901-10.9254i	-36.5462-14.8556i	-4.6086-1.7118i	0.7135+0.4204i	-0.1803+0.0364i	0.5794-0.2227i	-0.4540-0.0647i	0.0169+0.0175i
70.2	-13.6700-11.2782i	-36.7060-15.5532i	-4.9204-1.6991i	0.7401+0.3679i	-0.1811+0.0531i	0.5853-0.2760i	-0.4587-0.0341i	0.0377+0.0490i
70.3	-13.3619-10.8246i	-36.3976-15.0711i	-4.7991-1.7340i	0.7276+0.3363i	-0.1877+0.0485i	0.5727-0.2689i	-0.4711-0.0414i	0.0120+0.0578i
70.4	-12.3354-10.1092i	-35.3188-14.5892i	-4.5132-1.9148i	0.7228+0.4168i	-0.2036+0.0474i	0.6101-0.2602i	-0.4938-0.0621i	-0.0370+0.0531i
70.5	-11.6421-10.3706i	-34.8439-14.8688i	-4.7298-2.1402i	0.7344+0.4368i	-0.2229+0.0468i	0.6714-0.2611i	-0.5229-0.0651i	-0.0328+0.0364i
70.6	-11.9135-11.0032i	-34.9155-15.3434i	-4.9997-2.0558i	0.7257+0.4334i	-0.2356+0.0613i	0.7083-0.3017i	-0.5324-0.0484i	-0.0436+0.0485i
70.7	-11.9951-11.2012i	-35.1806-15.2348i	-5.0076-1.7535i	0.7495+0.4860i	-0.2282+0.0724i	0.6860-0.3383i	-0.5243-0.0295i	-0.0354+0.0432i
70.8	-11.6441-10.9786i	-35.2180-15.4979i	-4.9379-1.4077i	0.7271+0.5303i	-0.2228+0.0823i	0.6425-0.3889i	-0.5249-0.0057i	0.0445+0.0756i
70.9	-11.7209-10.7128i	-35.2598-15.2197i	-5.0388-1.2042i	0.7499+0.4984i	-0.2308+0.0818i	0.6730-0.3400i	-0.5079-0.0101i	0.0448+0.0994i
71.0	-11.1457-10.7794i	-34.7302-15.2976i	-5.2027-1.5509i	0.7591+0.5032i	-0.2482+0.0883i	0.7400-0.3858i	-0.5414-0.0193i	-0.0568+0.0796i
71.1	-10.7099-10.5115i	-34.6065-15.2328i	-5.1703-1.4592i	0.7405+0.5236i	-0.2574+0.0988i	0.7419-0.4168i	-0.5571-0.0104i	-0.0504+0.0888i
71.2	-10.0926-10.8069i	-34.0035-15.4046i	-5.2805-1.1726i	0.7591+0.6267i	-0.2670+0.1083i	0.8150-0.3974i	-0.5755-0.0052i	-0.0767+0.0446i
71.3	-9.6341-11.7736i	-33.5869-15.5480i	-5.3715-1.3229i	0.8026+0.5162i	-0.2670+0.1164i	0.8037-0.4289i	-0.5757+0.0021i	-0.0249+0.0974i
71.4	-9.8430-11.5444i	-33.6328-15.4144i	-5.4516-1.3032i	0.7941+0.5564i	-0.2718+0.1254i	0.8061-0.4716i	-0.5701+0.0129i	-0.0326+0.0738i
71.5	-9.9025-11.1653i	-33.7691-15.5751i	-5.2918-1.1032i	0.8148+0.6274i	-0.2641+0.1394i	0.7898-0.5370i	-0.5506+0.0500i	-0.0353+0.1480i
71.6	-9.6029-11.1998i	-33.6055-15.8732i	-5.3606-0.9730i	0.8449+0.6118i	-0.2758+0.1490i	0.8247-0.5488i	-0.5700+0.0471i	-0.0176+0.1306i
71.7	-8.2875-11.5349i	-32.7758-15.6012i	-5.3939-1.0376i	0.8821+0.5869i	-0.3046+0.1481i	0.8359-0.5231i	-0.5856+0.0398i	0.0309+0.1872i
71.8	-7.9455-11.1931i	-32.7588-15.4076i	-5.2905-0.9108i	0.8814+0.6117i	-0.2895+0.1461i	0.8379-0.5463i	-0.5658+0.0435i	-0.0525+0.2111i
71.9	-8.0555-11.4806i	-32.6896-15.4886i	-5.4634-0.7005i	0.7987+0.6582i	-0.2897+0.1836i	0.8270-0.6132i	-0.5910+0.0821i	-0.0251+0.2348i
72.0	-7.6986-12.2746i	-32.5332-15.5184i	-5.5448-0.7074i	0.8325+0.6094i	-0.3034+0.2071i	0.8429-0.6388i	-0.5981+0.0977i	0.0160+0.2206i
72.1	-6.7620-11.9185i	-32.1454-15.5734i	-5.5902-0.7426i	0.9120+0.6331i	-0.3007+0.2126i	0.8043-0.6486i	-0.6070+0.1023i	0.0209+0.2198i
72.2	-6.9266-12.0077i	-31.8365-15.4481i	-5.8755-0.7275i	0.8444+0.6647i	-0.3184+0.2127i	0.8991-0.6634i	-0.6048+0.0948i	0.0214+0.2680i
72.3	-6.7666-12.1777i	-31.4049-15.6573i	-5.8801-0.4596i	0.8373+0.7644i	-0.3310+0.2416i	0.9270-0.7921i	-0.6339+0.1255i	0.0285+0.3045i
72.4	-6.4211-11.8459i	-31.2077-15.7384i	-5.7868-0.6400i	0.8413+0.7769i	-0.3279+0.2392i	0.9103-0.8481i	-0.6349+0.1241i	0.0283+0.2926i
72.5	-5.5615-12.4645i	-30.7208-15.9649i	-5.8524-0.3846i	0.8847+0.7289i	-0.3405+0.2417i	0.9268-0.8330i	-0.6340+0.1332i	0.0472+0.3055i
72.6	-5.6028-13.1471i	-30.3983-16.3256i	-6.0315-0.1005i	0.8177+0.8236i	-0.3243+0.3065i	0.9286-1.0097i	-0.6471+0.1841i	0.0694+0.3528i
72.7	-4.5866-13.2808i	-29.9920-16.8095i	-6.1111+0.0256i	0.9156+0.8464i	-0.3377+0.3347i	0.9366-1.0522i	-0.6650+0.1920i	0.1189+0.3193i
72.8	-4.4508-12.9325i	-29.7300-16.3558i	-6.0197+0.0496i	0.9654+0.8290i	-0.3451+0.3092i	0.9695-1.0215i	-0.6645+0.1608i	0.0714+0.3437i
72.9	-4.3251-13.3221i	-29.5299-16.2231i	-6.0865+0.1116i	1.0120+0.8068i	-0.3375+0.3045i	0.9042-1.0251i	-0.6507+0.1690i	0.0593+0.3553i
73.0	-3.3096-13.8825i	-28.9791-16.6094i	-6.0971+0.2061i	0.9803+0.8661i	-0.3552+0.3401i	0.8985-1.1310i	-0.6843+0.1994i	0.0995+0.4193i
73.1	-2.7183-13.9064i	-28.8446-16.7423i	-6.4262+0.3445i	0.9971+0.9246i	-0.3456+0.3678i	0.9002-1.1902i	-0.6809+0.2192i	0.1305+0.4412i
73.2	-3.0402-14.2204i	-28.4248-17.0172i	-6.2171+0.7029i	0.9572+0.9521i	-0.3362+0.3763i	0.9057-1.2133i	-0.6784+0.2272i	0.1541+0.4138i
73.3	-2.6754-14.4278i	-28.1883-17.0468i	-5.8875+0.6001i	1.0049+0.8746i	-0.3454+0.3596i	0.8444-1.1399i	-0.6606+0.2034i	0.2205+0.3638i
73.4	-2.8050-15.5442i	-28.7841-17.5486i	-6.2859+0.9131i	1.0546+0.8998i	-0.3025+0.3956i	0.7132-1.1781i	-0.6261+0.2710i	0.3045+0.3230i
73.5	-1.6863-15.8466i	-27.8479-17.8899i	-6.5479+1.0565i	0.9875+0.9377i	-0.3396+0.4334i	0.7036-1.2953i	-0.6643+0.2983i	0.4129+0.3715i
73.6	-1.6533-15.7856i	-27.5343-17.6667i	-6.3251+1.2678i	1.0096+0.9906i	-0.3364+0.4461i	0.7194-1.3760i	-0.6639+0.3040i	0.3849+0.4033i
73.7	-1.7119-16.7258i	-27.7508-18.0478i	-6.2832+1.7126i	1.1309+1.0867i	-0.3129+0.4744i	0.6707-1.3814i	-0.6444+0.3511i	0.4062+0.3843i
73.8	-0.5849-16.6484i	-26.9546-18.3617i	-6.5917+1.5980i	1.1613+1.1009i	-0.3502+0.4831i	0.7143-1.4066i	-0.6766+0.3526i	0.4405+0.4136i
73.9	-0.3432-16.7907i	-26.3611-18.4466i	-6.6746+1.6394i	1.0317+1.1537i	-0.3718+0.5112i	0.7267-1.4997i	-0.7216+0.3557i	0.4563+0.4477i
74.0	-0.2664-17.2908i	-26.4493-18.4724i	-6.6212+2.0983i	1.1457+1.0986i	-0.3451+0.5133i	0.6353-1.4084i	-0.6771+0.3576i	0.5655+0.3528i
74.1	0.5696-17.7773i	-26.0800-19.2000i	-6.5542+2.6519i	1.1970+1.1369i	-0.3380+0.5587i	0.6270-1.4949i	-0.6793+0.4008i	0.5694+0.2868i
74.2	0.8873-18.0992i	-25.8767-19.5381i	-6.5016+2.8502i	1.1807+1.1405i	-0.3410+0.5845i	0.6010-1.5718i	-0.7060+0.4338i	0.5612+0.3241i
74.3	1.2473-18.3277i	-25.3237-19.5908i	-6.4185+2.9152i	1.1794+1.1863i	-0.3427+0.5950i	0.5742-1.5526i	-0.7034+0.4306i	0.5910+0.2891i
74.4	1.6365-18.9775i	-24.8023-20.3279i	-6.3943+3.3420i	1.1903+1.1996i	-0.3566+0.6374i	0.6500-1.6202i	-0.7080+0.4422i	0.5826+0.2371i
74.5	2.6385-19.2869i	-24.1077-20.8329i	-6.4759+3.6763i	1.2502+1.2966i	-0.3617+0.6682i	0.6183-1.6620i	-0.7323+0.4600i	0.5947+0.1742i
74.6	2.5160-19.7886i	-24.4239-20.6351i	-6.5677+3.8360i	1.2637+1.3186i	-0.3337+0.6963i	0.4799-1.7096i	-0.7044+0.5025i	0.6590+0.1481i
74.7	2.4470-19.9027i	-24.4948-20.9903i	-6.8011+4.3191i	1.3382+1.2821i	-0.3288+0.7339i	0.4542-1.6966i	-0.6826+0.5283i	0.7055+0.0928i
74.8	3.3491-21.2404i	-24.0723-21.9500i	-6.4641+4.9440i	1.4408+1.3572i	-0.3188+0.8007i	0.4770-1.7962i	-0.7035+0.5643i	0.6543+0.0714i
74.9	3.3683-21.9480i	-24.0729-22.2060i	-6.2147+5.0626i	1.4091+1.4517i	-0.3188+0.8338i	0.4149-1.8672i	-0.7103+0.6069i	0.6363+0.0546i

75.0	1.6307-22.4816i	-24.7582-22.6236i	-5.8627+5.3430i	1.4160+1.5303i	-0.2532+0.8604i	0.3452-1.8133i	-0.6361+0.6408i	0.6534-0.0322i
75.1	1.3892-23.8740i	-25.0755-23.3676i	-5.6192+5.6008i	1.5120+1.4712i	-0.1820+0.8999i	0.2457-1.8428i	-0.5938+0.6747i	0.6633-0.0729i
75.2	2.8991-24.3414i	-24.3526-23.8212i	-5.6294+5.7716i	1.6017+1.5086i	-0.2057+0.9305i	0.2357-1.8719i	-0.6314+0.6844i	0.6276-0.0828i
75.3	2.4187-24.1614i	-24.5537-23.7561i	-5.1109+6.3079i	1.6531+1.5321i	-0.1579+0.9639i	0.1184-1.9647i	-0.5940+0.7103i	0.6860-0.1518i
75.4	2.4692-24.7884i	-24.1441-23.9799i	-4.7242+6.8142i	1.7499+1.5083i	-0.1357+0.9966i	0.0937-2.0302i	-0.5894+0.7135i	0.6674-0.1875i
75.5	2.4147-25.3900i	-24.3403-24.9326i	-4.3203+7.3516i	1.8487+1.7048i	-0.0814+1.0596i	-0.0207-2.0240i	-0.5699+0.7891i	0.6548-0.2477i
75.6	2.0116-26.1484i	-24.5166-25.5037i	-4.1849+7.6834i	1.8160+1.6480i	-0.0542+1.0971i	-0.0869-2.0373i	-0.5589+0.8234i	0.6258-0.2733i
75.7	2.4659-27.2561i	-24.2356-25.6154i	-4.1196+7.8781i	1.8344+1.6207i	-0.0332+1.1319i	-0.1482-2.0204i	-0.5528+0.8411i	0.5918-0.2840i
75.8	1.8887-27.7344i	-24.2777-26.1155i	-2.9889+8.4639i	1.9791+1.7086i	0.0375+1.1642i	-0.2239-1.9701i	-0.5071+0.8839i	0.5510-0.2966i
75.9	1.5384-28.3285i	-25.1426-26.1233i	-2.2848+8.3986i	2.1926+1.6301i	0.1215+1.1275i	-0.2741-1.8980i	-0.4193+0.8613i	0.5246-0.3387i
76.0	1.2839-28.5174i	-24.8014-26.0484i	-1.6178+8.4408i	2.2829+1.6622i	0.1911+1.1694i	-0.3730-1.9161i	-0.3839+0.9011i	0.5314-0.3594i
76.1	0.8751-28.7038i	-25.1330-26.3783i	-1.2650+8.8270i	2.3570+1.6992i	0.2632+1.2186i	-0.4762-1.9390i	-0.3703+0.9510i	0.4787-0.3950i
76.2	0.9760-30.0029i	-25.6266-26.8670i	-0.9773+9.2599i	2.3820+1.6323i	0.3031+1.2224i	-0.5338-1.8799i	-0.3443+0.9640i	0.4484-0.4497i
76.3	1.0121-30.2666i	-25.1263-27.3077i	-0.5611+9.5721i	2.4740+1.6859i	0.3599+1.2471i	-0.5536-1.8322i	-0.3094+0.9922i	0.4203-0.4416i
76.4	-0.0313-30.2663i	-25.9416-27.6109i	0.4337+9.3135i	2.6030+1.6055i	0.4718+1.2208i	-0.6190-1.7613i	-0.2380+0.9867i	0.3988-0.4676i
76.5	0.3242-31.0473i	-25.9765-27.9326i	1.3992+9.1638i	2.7409+1.6376i	0.5435+1.2396i	-0.5586-1.7272i	-0.1718+1.0216i	0.3921-0.4597i
76.6	-0.2950-31.2166i	-26.3257-27.5459i	1.8040+8.9614i	2.7932+1.4427i	0.5905+1.2091i	-0.4949-1.6875i	-0.1409+0.9599i	0.3293-0.4288i
76.7	-1.2919-31.6253i	-26.9024-27.7666i	2.1833+8.9196i	2.7802+1.3950i	0.6635+1.1916i	-0.5181-1.6972i	-0.1168+0.9498i	0.2515-0.4527i
76.8	-2.3160-32.6761i	-27.4115-27.9081i	3.1991+8.7148i	2.9060+1.3887i	0.7852+1.1648i	-0.5850-1.6893i	-0.0386+0.9906i	0.2142-0.4238i
76.9	-1.1735-33.0588i	-26.9848-28.3294i	4.0930+8.6593i	3.1056+1.4320i	0.8720+1.1650i	-0.5943-1.6861i	-0.0038+1.0040i	0.2143-0.4335i
77.0	-1.2233-31.8462i	-27.2574-28.1435i	4.2971+8.1987i	3.1302+1.3567i	0.9144+1.0829i	-0.6154-1.5996i	0.0130+0.9557i	0.1282-0.3811i
77.1	-0.6898-31.2998i	-27.0198-27.4807i	4.7813+8.3986i	3.2718+1.3457i	0.8966+1.0906i	-0.5589-1.6231i	0.0431+0.9473i	0.1637-0.3900i
77.2	-1.0587-32.4788i	-27.1964-27.7698i	5.5385+7.8136i	3.4000+1.1124i	0.9871+1.0428i	-0.5080-1.6055i	0.1224+0.9208i	0.1045-0.3911i
77.3	-1.9128-33.0129i	-27.5187-27.9336i	5.8162+7.0960i	3.3807+0.9822i	1.0728+0.9893i	-0.5336-1.6092i	0.1826+0.8989i	0.0677-0.3961i
77.4	-1.8400-31.9739i	-27.5410-27.5053i	6.0529+7.0373i	3.4067+0.9563i	1.0936+0.9557i	-0.5246-1.6914i	0.2199+0.8926i	0.1107-0.3792i
77.5	-2.4573-31.4919i	-27.3839-26.7864i	6.7330+6.7576i	3.4532+0.8792i	1.1058+0.8749i	-0.6665-1.7210i	0.2477+0.8521i	0.0953-0.3705i
77.6	-3.8379-32.4113i	-27.5732-27.1449i	7.7326+5.8433i	3.5450+0.6690i	1.2541+0.7646i	-0.6510-1.7626i	0.3291+0.7821i	0.0741-0.3042i
77.7	-3.3522-32.4235i	-27.1361-26.7282i	7.4768+5.3343i	3.5745+0.5376i	1.2353+0.6929i	-0.6892-1.8273i	0.3180+0.7114i	0.1339-0.2728i
77.8	-2.5741-32.4774i	-26.4609-26.6048i	7.7294+4.9531i	3.5445+0.4902i	1.2301+0.6647i	-0.7438-1.8087i	0.2823+0.6833i	0.0744-0.2446i
77.9	-3.0460-32.7167i	-26.7110-27.1958i	8.4609+4.5155i	3.5255+0.5572i	1.3356+0.5888i	-0.8562-1.8500i	0.3326+0.6895i	0.0448-0.2480i
78.0	-2.8635-32.6247i	-27.1998-27.1500i	8.8699+3.9367i	3.7450+0.4190i	1.3546+0.4767i	-0.8375-1.8023i	0.3834+0.6398i	0.0130-0.2340i
78.1	-3.7003-33.1264i	-26.9425-27.0993i	9.4899+3.6419i	3.7500+0.2725i	1.4032+0.4220i	-0.9389-1.8534i	0.4227+0.6260i	0.0514-0.2901i
78.2	-3.5799-33.2474i	-26.6340-27.0692i	9.3229+2.3425i	3.6711+0.0933i	1.3787+0.2841i	-1.0787-1.8293i	0.4072+0.5346i	0.0181-0.3078i
78.3	-3.5804-34.0111i	-27.1204-27.3290i	9.2619+1.7141i	3.6154+0.0357i	1.3334+0.1948i	-1.1096-1.8596i	0.3859+0.5174i	-0.0025-0.2546i
78.4	-3.6403-33.8000i	-26.1666-26.9898i	9.3828+1.1179i	3.5940-0.1174i	1.3009+0.1380i	-1.1807-1.9108i	0.3943+0.4760i	0.0875-0.2453i
78.5	-4.2516-33.1149i	-26.2155-26.8309i	9.4282+0.1218i	3.6061-0.2948i	1.2927+0.0565i	-1.2473-1.8574i	0.4340+0.3880i	0.0708-0.2780i
78.6	-4.5802-33.5326i	-26.5235-26.7805i	10.0613-0.5679i	3.6591-0.3578i	1.3112+0.0064i	-1.2839-1.7780i	0.4618+0.3768i	0.0098-0.1968i
78.7	-3.9748-33.9590i	-26.2376-26.7995i	9.9969-0.9705i	3.6192-0.5439i	1.2659-0.0584i	-1.3651-1.6459i	0.4567+0.3314i	-0.0109-0.1850i
78.8	-3.3686-33.8548i	-25.2510-27.0016i	10.2281-2.4234i	3.7392-0.9054i	1.1851-0.1869i	-1.3890-1.7059i	0.4286+0.2336i	0.0319-0.1735i
78.9	-3.0778-33.4668i	-24.5664-26.7803i	9.9984-3.8384i	3.5909-1.2172i	1.0971-0.2569i	-1.4573-1.6921i	0.3708+0.1305i	0.0809-0.1707i
79.0	-1.4378-34.2185i	-23.1957-27.0273i	8.2825-5.1985i	3.0135-1.3528i	0.9453-0.2742i	-1.4943-1.7838i	0.1901+0.0815i	0.1120-0.1891i
79.1	-0.6503-36.6894i	-21.8588-28.6655i	4.9485-4.3257i	2.5192-1.0902i	0.8207-0.0885i	-1.6783-1.8299i	-0.0022+0.2544i	0.1486-0.2261i
79.2	-2.7852-39.2675i	-23.2956-31.0258i	5.1474-2.1631i	2.6907-0.5956i	0.9839+0.0663i	-1.9032-1.7883i	0.1157+0.4688i	0.1233-0.2185i
79.3	-5.0159-39.5136i	-24.6856-31.7841i	6.6879-1.9316i	2.9441-0.5475i	1.1389-0.0392i	-1.9378-1.5988i	0.3231+0.4690i	0.1124-0.1780i
79.4	-6.0376-38.8794i	-25.4520-31.4567i	7.1904-1.9368i	3.0304-0.5526i	1.1006-0.1072i	-1.9689-1.4265i	0.3541+0.4370i	0.0685-0.1675i
79.5	-7.0251-38.4266i	-26.3855-31.9506i	7.7843-3.1958i	3.0013-0.6787i	1.1455-0.1845i	-2.0199-1.2208i	0.4062+0.3687i	0.0147-0.1877i
79.6	-7.3864-38.0047i	-26.6395-31.2205i	7.2393-4.1478i	2.9746-0.9061i	1.0497-0.3549i	-1.9557-1.1813i	0.3624+0.2273i	0.0020-0.0767i
79.7	-7.0883-38.4300i	-25.6684-31.5636i	7.8089-4.5013i	3.0617-0.9908i	1.0686-0.3851i	-2.0368-1.1252i	0.3777+0.2305i	0.0183-0.0342i
79.8	-6.4761-38.7372i	-25.0405-32.1820i	7.3626-4.7853i	2.9231-1.1684i	1.0321-0.3893i	-2.0271-1.0497i	0.3059+0.2139i	0.0685-0.0644i
79.9	-7.2135-38.2933i	-25.5646-32.4121i	6.7600-5.7560i	2.7905-1.1993i	0.9724-0.4756i	-2.0709-0.9472i	0.3061+0.1614i	0.1127-0.0185i
80.0	-8.7345-38.6647i	-26.8163-32.8775i	6.9623-6.3712i	2.6845-1.1855i	0.9419-0.5219i	-2.0314-0.7389i	0.3477+0.1240i	0.0547+0.0186i

2.1.104 Run 10 – IP270NVP – Accels 9–16

In-plane shaking at 270° with no vertical shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	3.9874+0.0000i	--	-6.5270+0.0000i	12.2780+0.0000i	8.3712+0.0000i	2.6624+0.0000i	-2.3216+0.0000i	17.1927+0.0000i
0.1	4.0828-0.5588i	--	-6.1140-0.3333i	12.3904-0.2386i	8.2609+0.5554i	2.5422+0.2521i	-2.2064+0.1789i	16.9293+0.2709i
0.2	-2.3920+5.8382i	--	-13.9242+0.5043i	-2.4220+3.7364i	-13.0241-3.4670i	-4.9897-1.7877i	1.0565-1.0959i	1.4483-1.2410i
0.3	0.5340+2.6163i	--	-0.5858+1.4429i	-0.1301+1.1470i	-3.2381+3.8690i	0.5601+0.1611i	0.4641+0.2519i	-0.2011+1.0229i
0.4	0.6548+0.9055i	--	0.3083+0.4731i	0.0292+0.2131i	-0.6199+0.5416i	0.0171+0.0517i	-0.0155+0.0141i	-0.0103+0.3705i
0.5	0.0571+0.1252i	--	0.0168+0.0519i	0.0882-0.0060i	-0.0114+0.1949i	-0.0247-0.0132i	0.0140-0.0478i	-0.0303+0.1135i
0.6	-0.0378+0.0416i	--	-0.0318-0.0340i	0.0391+0.0040i	0.0392+0.0154i	0.0913+0.0441i	0.0312-0.0132i	-0.0109+0.0527i
0.7	0.0562+0.0378i	--	-0.0196-0.0319i	0.0879+0.0244i	-0.0139+0.0105i	0.0136-0.0216i	0.0711+0.0019i	0.0301+0.0179i
0.8	0.1014+0.0131i	--	0.0053-0.0104i	0.1542-0.0155i	0.0226+0.0222i	-0.0437-0.0035i	0.1551-0.0224i	0.0204+0.0113i
0.9	0.1304-0.0002i	--	-0.0039+0.0029i	0.1782-0.0242i	0.0026+0.0163i	-0.0263-0.0015i	0.1767-0.0343i	0.0053-0.0082i
1.0	0.1736+0.0081i	--	-0.0003-0.0079i	0.2316-0.0377i	-0.0101+0.0055i	-0.0064-0.0089i	0.2259-0.0433i	0.0068-0.0047i
1.1	0.2198-0.0059i	--	0.0032-0.0058i	0.2768-0.0757i	-0.0050+0.0028i	-0.0092+0.0045i	0.2754-0.0919i	0.0107-0.0016i
1.2	0.2691-0.0159i	--	0.0009-0.0079i	0.3152-0.1383i	-0.0073+0.0012i	-0.0063+0.0232i	0.3072-0.1525i	0.0119-0.0031i
1.3	0.3595-0.0320i	--	-0.0002-0.0228i	0.3909-0.2272i	-0.0093-0.0004i	0.0040+0.0378i	0.3837-0.2397i	0.0121-0.0023i
1.4	0.4826-0.0322i	--	-0.0333-0.0322i	0.2329-0.3002i	-0.0106+0.0003i	0.0601+0.0480i	0.2269-0.3045i	0.0128-0.0005i
1.5	0.7211-0.1299i	--	-0.0860+0.0466i	0.0238+0.2548i	-0.0095-0.0000i	0.1405-0.0806i	0.0359+0.2551i	0.0157+0.0035i
1.6	0.8792-0.3061i	--	-0.0270+0.1280i	0.7056+0.7783i	-0.0161+0.0013i	0.0335-0.2113i	0.7347+0.7539i	0.0226+0.0047i
1.7	0.9742-0.5286i	--	0.0829+0.1100i	1.8030+0.3929i	-0.0228+0.0061i	-0.1585-0.1749i	1.8191+0.3377i	0.0342-0.0028i
1.8	1.0421-1.0723i	--	0.1171+0.0447i	2.2542-0.9008i	-0.0256+0.0233i	-0.2321-0.0243i	2.2337-0.9668i	0.0416-0.0159i
1.9	0.9296-1.7555i	--	0.1214+0.0078i	2.2108-2.2141i	-0.0263+0.0422i	-0.2512+0.1155i	2.1518-2.2810i	0.0419-0.0295i
2.0	-0.4887-1.8475i	--	0.1045-0.0155i	0.0144-2.8645i	0.0152+0.0512i	-0.0606+0.2569i	-0.0652-2.8719i	0.0192-0.0358i
2.1	-1.0760-1.4645i	--	0.1060-0.0064i	-1.0772-2.4231i	0.0371+0.0450i	0.0823+0.2501i	-1.1414-2.3989i	0.0108-0.0269i
2.2	-1.1100-0.9924i	--	0.1786+0.0090i	-1.3135-1.7110i	0.0550+0.0364i	0.2114+0.2028i	-1.3563-1.6844i	0.0223-0.0169i
2.3	-1.0507-0.6893i	--	0.3069-0.1638i	-1.3282-1.2444i	0.0800-0.0067i	0.3615-0.0060i	-1.3571-1.2163i	0.0514-0.0417i
2.4	-0.9942-0.5348i	--	0.0088-0.5144i	-1.3105-0.9939i	0.0230-0.0777i	0.0857-0.3757i	-1.3308-0.9590i	0.0011-0.1040i
2.5	-0.9043-0.4130i	--	-0.2900-0.2513i	-1.2174-0.7867i	-0.0371-0.0321i	-0.2067-0.1449i	-1.2308-0.7570i	-0.0510-0.0544i
2.6	-0.8688-0.3463i	--	-0.1849-0.1116i	-1.2033-0.6632i	-0.0157-0.0088i	-0.1000-0.0229i	-1.2140-0.6375i	-0.0306-0.0274i
2.7	-0.8330-0.3032i	--	-0.1475-0.0708i	-1.1730-0.5952i	-0.0095-0.0024i	-0.0611+0.0106i	-1.1814-0.5714i	-0.0226-0.0203i
2.8	-0.7907-0.2733i	--	-0.1191-0.0571i	-1.1211-0.5421i	-0.0065-0.0010i	-0.0350+0.0180i	-1.1288-0.5203i	-0.0147-0.0185i
2.9	-0.7475-0.2294i	--	-0.1026-0.0445i	-1.0639-0.4555i	-0.0050-0.0007i	-0.0231+0.0168i	-1.0690-0.4352i	-0.0095-0.0151i
3.0	-0.7165-0.1931i	--	-0.0923-0.0356i	-1.0240-0.3856i	-0.0037-0.0006i	-0.0144+0.0158i	-1.0281-0.3661i	-0.0053-0.0122i
3.1	-0.6930-0.1793i	--	-0.0850-0.0330i	-0.9954-0.3614i	-0.0036-0.0004i	-0.0087+0.0166i	-0.9991-0.3438i	-0.0018-0.0120i
3.2	-0.6778-0.1738i	--	-0.0809-0.0307i	-0.9889-0.3540i	-0.0038+0.0010i	-0.0033+0.0181i	-0.9922-0.3374i	0.0013-0.0116i
3.3	-0.6691-0.1543i	--	-0.0783-0.0264i	-0.9873-0.3127i	-0.0042+0.0007i	0.0020+0.0169i	-0.9900-0.2967i	0.0036-0.0096i
3.4	-0.6493-0.1357i	--	-0.0733-0.0210i	-0.9597-0.2746i	-0.0040+0.0003i	0.0045+0.0166i	-0.9615-0.2589i	0.0065-0.0079i
3.5	-0.6362-0.1274i	--	-0.0714-0.0187i	-0.9420-0.2585i	-0.0041-0.0000i	0.0058+0.0153i	-0.9432-0.2434i	0.0089-0.0075i
3.6	-0.6109-0.1209i	--	-0.0658-0.0184i	-0.9013-0.2495i	-0.0040+0.0004i	0.0070+0.0153i	-0.9025-0.2356i	0.0140-0.0077i
3.7	-0.6058-0.1134i	--	-0.0645-0.0165i	-0.8996-0.2342i	-0.0040+0.0006i	0.0084+0.0151i	-0.9004-0.2209i	0.0157-0.0074i
3.8	-0.6027-0.1084i	--	-0.0640-0.0155i	-0.9087-0.2245i	-0.0040+0.0003i	0.0114+0.0143i	-0.9087-0.2114i	0.0180-0.0072i
3.9	-0.6007-0.1085i	--	-0.0641-0.0148i	-0.9196-0.2248i	-0.0044+0.0015i	0.0149+0.0153i	-0.9194-0.2110i	0.0194-0.0070i
4.0	-0.5975-0.0983i	--	-0.0638-0.0133i	-0.9166-0.1979i	-0.0047+0.0014i	0.0158+0.0127i	-0.9159-0.1854i	0.0212-0.0059i
4.1	-0.5748-0.0940i	--	-0.0607-0.0128i	-0.8665-0.1962i	-0.0049+0.0001i	0.0109+0.0135i	-0.8660-0.1850i	0.0274-0.0074i
4.2	-0.5683-0.0848i	--	-0.0597-0.0100i	-0.8639-0.1728i	-0.0054-0.0003i	0.0128+0.0118i	-0.8633-0.1613i	0.0306-0.0069i
4.3	-0.5684-0.0754i	--	-0.0610-0.0062i	-0.8767-0.1500i	-0.0053+0.0013i	0.0157+0.0127i	-0.8751-0.1392i	0.0328-0.0036i
4.4	-0.5632-0.0766i	--	-0.0586-0.0043i	-0.8708-0.1543i	-0.0037+0.0037i	0.0173+0.0158i	-0.8695-0.1444i	0.0368-0.0011i
4.5	-0.5556-0.0658i	--	-0.0534-0.0044i	-0.8581-0.1270i	-0.0009+0.0014i	0.0209+0.0112i	-0.8563-0.1166i	0.0433-0.0018i
4.6	-0.5501-0.0642i	--	-0.0536-0.0064i	-0.8513-0.1241i	-0.0026-0.0003i	0.0207+0.0087i	-0.8499-0.1137i	0.0463-0.0047i
4.7	-0.5407-0.0592i	--	-0.0527-0.0056i	-0.8370-0.1118i	-0.0044-0.0006i	0.0191+0.0069i	-0.8357-0.1028i	0.0490-0.0038i
4.8	-0.5324-0.0613i	--	-0.0529-0.0044i	-0.8265-0.1206i	-0.0048+0.0007i	0.0179+0.0084i	-0.8256-0.1105i	0.0528-0.0030i
4.9	-0.5290-0.0587i	--	-0.0519-0.0028i	-0.8238-0.1101i	-0.0037+0.0027i	0.0192+0.0083i	-0.8223-0.1003i	0.0571-0.0005i
5.0	-0.5223-0.0551i	--	-0.0497-0.0028i	-0.8112-0.0985i	-0.0023+0.0024i	0.0192+0.0063i	-0.8088-0.0891i	0.0645+0.0004i
5.1	-0.5145-0.0595i	--	-0.0501-0.0038i	-0.8001-0.1094i	-0.0033+0.0021i	0.0178+0.0063i	-0.7988-0.0997i	0.0681+0.0002i
5.2	-0.5081-0.0614i	--	-0.0491-0.0043i	-0.7873-0.1136i	-0.0029+0.0031i	0.0185+0.0076i	-0.7860-0.1045i	0.0736+0.0003i
5.3	-0.5026-0.0629i	--	-0.0467-0.0044i	-0.7765-0.1148i	-0.0029+0.0013i	0.0177+0.0078i	-0.7748-0.1063i	0.0784-0.0023i
5.4	-0.5034-0.0691i	--	-0.0451-0.0026i	-0.7802-0.1254i	0.0036+0.0044i	0.0199+0.0099i	-0.7795-0.1172i	0.0887+0.0009i
5.5	-0.5040-0.0713i	--	-0.0444-0.0016i	-0.7804-0.1283i	0.0037+0.0108i	0.0213+0.0103i	-0.7799-0.1210i	0.0935+0.0074i
5.6	-0.5047-0.0791i	--	-0.0423-0.0047i	-0.7898-0.1429i	0.0092+0.0110i	0.0255+0.0091i	-0.7888-0.1345i	0.1053+0.0065i

5.7	-0.5081-0.0855i	--	-0.0411-0.0063i	-0.8016-0.1560i	0.0170+0.0109i	0.0271+0.0084i	-0.8002-0.1473i	0.1169+0.0064i
5.8	-0.5164-0.0880i	--	-0.0414-0.0075i	-0.8161-0.1602i	0.0231+0.0046i	0.0273+0.0068i	-0.8152-0.1511i	0.1268+0.0003i
5.9	-0.5217-0.0870i	--	-0.0422-0.0075i	-0.8280-0.1590i	0.0299+0.0062i	0.0267+0.0065i	-0.8270-0.1509i	0.1378+0.0016i
6.0	-0.5272-0.0760i	--	-0.0433-0.0095i	-0.8425-0.1379i	0.0439-0.0043i	0.0289+0.0028i	-0.8425-0.1296i	0.1560-0.0091i
6.1	-0.5293-0.0728i	--	-0.0431-0.0101i	-0.8512-0.1350i	0.0485-0.0094i	0.0305+0.0016i	-0.8512-0.1260i	0.1675-0.0144i
6.2	-0.5296-0.0715i	--	-0.0428-0.0104i	-0.8563-0.1325i	0.0506-0.0100i	0.0306+0.0016i	-0.8561-0.1247i	0.1750-0.0142i
6.3	-0.5315-0.0648i	--	-0.0458-0.0117i	-0.8639-0.1194i	0.0602-0.0183i	0.0286-0.0002i	-0.8642-0.1106i	0.1898-0.0225i
6.4	-0.5320-0.0591i	--	-0.0481-0.0125i	-0.8687-0.1094i	0.0760-0.0219i	0.0271-0.0025i	-0.8695-0.0996i	0.2118-0.0238i
6.5	-0.5322-0.0591i	--	-0.0487-0.0127i	-0.8750-0.1092i	0.0970-0.0218i	0.0282-0.0031i	-0.8742-0.0998i	0.2367-0.0249i
6.6	-0.5335-0.0588i	--	-0.0501-0.0118i	-0.8823-0.1102i	0.1106-0.0177i	0.0295-0.0033i	-0.8822-0.1027i	0.2564-0.0205i
6.7	-0.5324-0.0547i	--	-0.0514-0.0113i	-0.8830-0.1019i	0.1416-0.0371i	0.0277-0.0028i	-0.8842-0.0935i	0.2941-0.0388i
6.8	-0.5309-0.0493i	--	-0.0517-0.0118i	-0.8817-0.0896i	0.1978-0.0542i	0.0279-0.0049i	-0.8826-0.0810i	0.3571-0.0555i
6.9	-0.5291-0.0473i	--	-0.0530-0.0119i	-0.8809-0.0850i	0.2386-0.0835i	0.0262-0.0060i	-0.8819-0.0766i	0.4046-0.0848i
7.0	-0.5290-0.0439i	--	-0.0589-0.0114i	-0.8831-0.0832i	0.3170-0.2231i	0.0215-0.0066i	-0.8853-0.0724i	0.4896-0.2233i
7.1	-0.5311-0.0375i	--	-0.0655-0.0086i	-0.8876-0.0832i	0.3982-0.5102i	0.0181-0.0058i	-0.8922-0.0678i	0.5779-0.5059i
7.2	-0.5244-0.0319i	--	-0.0649+0.0024i	-0.8885-0.0833i	0.0817-0.7909i	0.0161+0.0026i	-0.8874-0.0660i	0.2726-0.7821i
7.3	-0.5148-0.0389i	--	-0.0556+0.0039i	-0.8887-0.0887i	-0.2673-0.6025i	0.0227+0.0059i	-0.8848-0.0742i	-0.0625-0.5980i
7.4	-0.5093-0.0429i	--	-0.0494+0.0005i	-0.8939-0.0847i	-0.3937-0.3219i	0.0282+0.0039i	-0.8877-0.0729i	-0.1799-0.3202i
7.5	-0.5098-0.0453i	--	-0.0475-0.0028i	-0.8991-0.0842i	-0.3768-0.1972i	0.0307+0.0023i	-0.8927-0.0743i	-0.1540-0.1974i
7.6	-0.5126-0.0467i	--	-0.0489-0.0032i	-0.9089-0.0849i	-0.3202-0.1627i	0.0313+0.0020i	-0.9031-0.0767i	-0.0906-0.1648i
7.7	-0.5140-0.0506i	--	-0.0500-0.0072i	-0.9126-0.0887i	-0.2372-0.1136i	0.0331-0.0007i	-0.9095-0.0800i	0.0025-0.1170i
7.8	-0.5144-0.0510i	--	-0.0518-0.0082i	-0.9187-0.0897i	-0.2140-0.1011i	0.0328-0.0023i	-0.9150-0.0797i	0.0340-0.1059i
7.9	-0.5154-0.0482i	--	-0.0555-0.0085i	-0.9330-0.0889i	-0.1878-0.1494i	0.0332-0.0026i	-0.9291-0.0779i	0.0680-0.1514i
8.0	-0.5162-0.0464i	--	-0.0570-0.0074i	-0.9433-0.0881i	-0.1905-0.1977i	0.0333-0.0036i	-0.9387-0.0780i	0.0760-0.2021i
8.1	-0.5157-0.0465i	--	-0.0571-0.0070i	-0.9488-0.0810i	-0.1954-0.1471i	0.0340-0.0032i	-0.9459-0.0720i	0.0796-0.1508i
8.2	-0.5148-0.0459i	--	-0.0572-0.0056i	-0.9577-0.0737i	-0.2165-0.1318i	0.0347-0.0024i	-0.9542-0.0662i	0.0680-0.1365i
8.3	-0.5157-0.0452i	--	-0.0594-0.0050i	-0.9701-0.0659i	-0.2173-0.1208i	0.0351-0.0033i	-0.9668-0.0565i	0.0802-0.1265i
8.4	-0.5132-0.0471i	--	-0.0613-0.0055i	-0.9733-0.0674i	-0.2266-0.0990i	0.0349-0.0040i	-0.9707-0.0578i	0.0825-0.1077i
8.5	-0.5132-0.0479i	--	-0.0614-0.0054i	-0.9788-0.0632i	-0.2064-0.1050i	0.0350-0.0048i	-0.9759-0.0540i	0.1121-0.1153i
8.6	-0.5120-0.0482i	--	-0.0605-0.0042i	-0.9899-0.0600i	-0.1779-0.1042i	0.0345-0.0048i	-0.9867-0.0506i	0.1547-0.1149i
8.7	-0.5070-0.0497i	--	-0.0629-0.0027i	-0.9950-0.0585i	-0.1885-0.0971i	0.0358-0.0032i	-0.9927-0.0508i	0.1558-0.1088i
8.8	-0.5046-0.0517i	--	-0.0649-0.0014i	-1.0010-0.0590i	-0.1464-0.0911i	0.0375-0.0030i	-0.9979-0.0510i	0.2099-0.1044i
8.9	-0.5035-0.0550i	--	-0.0646-0.0004i	-1.0112-0.0603i	-0.1177-0.1420i	0.0415-0.0035i	-1.0085-0.0504i	0.2510-0.1602i
9.0	-0.5019-0.0598i	--	-0.0664-0.0004i	-1.0212-0.0615i	-0.1561-0.1719i	0.0420-0.0038i	-1.0187-0.0503i	0.2255-0.1890i
9.1	-0.5027-0.0630i	--	-0.0685+0.0008i	-1.0299-0.0570i	-0.1567-0.1777i	0.0402-0.0035i	-1.0286-0.0431i	0.2361-0.1970i
9.2	-0.4993-0.0667i	--	-0.0692+0.0015i	-1.0420-0.0545i	-0.0614-0.2083i	0.0417-0.0044i	-1.0431-0.0401i	0.3442-0.2316i
9.3	-0.4957-0.0688i	--	-0.0719+0.0053i	-1.0542-0.0555i	-0.0761-0.3661i	0.0411-0.0025i	-1.0533-0.0429i	0.3438-0.3919i
9.4	-0.4948-0.0754i	--	-0.0722+0.0107i	-1.0706-0.0574i	-0.1760-0.5091i	0.0441-0.0006i	-1.0677-0.0417i	0.2596-0.5359i
9.5	-0.4901-0.0895i	--	-0.0691+0.0147i	-1.0908-0.0589i	-0.3507-0.5336i	0.0494-0.0009i	-1.0848-0.0412i	0.1043-0.5679i
9.6	-0.4835-0.1010i	--	-0.0640+0.0138i	-1.0999-0.0597i	-0.5227-0.4666i	0.0546-0.0009i	-1.0933-0.0420i	-0.0547-0.5052i
9.7	-0.4851-0.1199i	--	-0.0616+0.0105i	-1.1166-0.0560i	-0.5763-0.2993i	0.0586-0.0046i	-1.1089-0.0383i	-0.0931-0.3419i
9.8	-0.4918-0.1386i	--	-0.0608+0.0094i	-1.1346-0.0495i	-0.5704-0.2133i	0.0625-0.0096i	-1.1255-0.0348i	-0.0717-0.2649i
9.9	-0.5016-0.1565i	--	-0.0613+0.0099i	-1.1467-0.0387i	-0.5579-0.1712i	0.0628-0.0152i	-1.1373-0.0244i	-0.0478-0.2300i
10.0	-0.5142-0.1779i	--	-0.0648+0.0106i	-1.1676-0.0330i	-0.5298-0.1458i	0.0618-0.0218i	-1.1593-0.0126i	-0.0028-0.2147i
10.1	-0.5321-0.1886i	--	-0.0650+0.0091i	-1.1851-0.0309i	-0.5025-0.1201i	0.0630-0.0231i	-1.1767-0.0152i	0.0370-0.1959i
10.2	-0.5598-0.1942i	--	-0.0658+0.0081i	-1.1977-0.0244i	-0.4911-0.1163i	0.0610-0.0243i	-1.1877-0.0101i	0.0554-0.2010i
10.3	-0.5845-0.1971i	--	-0.0665+0.0101i	-1.2137-0.0196i	-0.4919-0.1192i	0.0594-0.0265i	-1.2037-0.0042i	0.0621-0.2108i
10.4	-0.6080-0.1981i	--	-0.0685+0.0099i	-1.2393-0.0208i	-0.4989-0.1198i	0.0584-0.0265i	-1.2269-0.0029i	0.0660-0.2201i
10.5	-0.6269-0.1911i	--	-0.0686+0.0117i	-1.2527-0.0073i	-0.5109-0.1130i	0.0566-0.0278i	-1.2386+0.0085i	0.0603-0.2191i
10.6	-0.6470-0.1820i	--	-0.0671+0.0142i	-1.2785+0.0059i	-0.5195-0.0985i	0.0586-0.0282i	-1.2629+0.0188i	0.0576-0.2058i
10.7	-0.6636-0.1668i	--	-0.0666+0.0150i	-1.3034+0.0159i	-0.5326-0.0871i	0.0611-0.0282i	-1.2882+0.0298i	0.0513-0.1912i
10.8	-0.6745-0.1588i	--	-0.0665+0.0157i	-1.3153+0.0285i	-0.5361-0.0773i	0.0615-0.0285i	-1.2990+0.0416i	0.0585-0.1801i
10.9	-0.6799-0.1525i	--	-0.0661+0.0178i	-1.3351+0.0609i	-0.5330-0.0693i	0.0639-0.0315i	-1.3209+0.0747i	0.0759-0.1742i
11.0	-0.6841-0.1400i	--	-0.0633+0.0154i	-1.3412+0.0709i	-0.5263-0.0724i	0.0661-0.0339i	-1.3263+0.0839i	0.0930-0.1713i
11.1	-0.6874-0.1269i	--	-0.0621+0.0107i	-1.3382+0.0724i	-0.5276-0.0835i	0.0652-0.0380i	-1.3241+0.0848i	0.1049-0.1748i
11.2	-0.6914-0.1186i	--	-0.0679+0.0058i	-1.3609+0.0734i	-0.5576-0.1040i	0.0633-0.0407i	-1.3447+0.0845i	0.0989-0.1866i
11.3	-0.6950-0.1138i	--	-0.0696+0.0051i	-1.3695+0.0725i	-0.5783-0.1040i	0.0618-0.0401i	-1.3520+0.0818i	0.0976-0.1849i
11.4	-0.6931-0.1104i	--	-0.0736+0.0094i	-1.3908+0.0999i	-0.5980-0.0920i	0.0632-0.0423i	-1.3724+0.1103i	0.1012-0.1735i
11.5	-0.6934-0.1045i	--	-0.0779+0.0070i	-1.4144+0.0907i	-0.6227-0.0889i	0.0602-0.0407i	-1.3965+0.1019i	0.1052-0.1636i
11.6	-0.6894-0.1047i	--	-0.0826+0.0073i	-1.4469+0.0971i	-0.6452-0.0853i	0.0606-0.0431i	-1.4291+0.1068i	0.1049-0.1542i
11.7	-0.6925-0.1035i	--	-0.0888+0.0129i	-1.4758+0.1171i	-0.6681-0.0693i	0.0625-0.0432i	-1.4575+0.1251i	0.1148-0.1391i
11.8	-0.6922-0.1018i	--	-0.0926+0.0159i	-1.5029+0.1207i	-0.6878-0.0487i	0.0640-0.0401i	-1.4828+0.1296i	0.1295-0.1181i
11.9	-0.6891-0.1072i	--	-0.0959+0.0204i	-1.5357+0.1381i	-0.7018-0.0330i	0.0673-0.0385i	-1.5161+0.1454i	0.1451-0.1013i

12.0	-0.6848-0.1122i	--	-0.1012+0.0233i	-1.5815+0.1526i	-0.7129-0.0204i	0.0740-0.0399i	-1.5626+0.1598i	0.1674-0.0924i
12.1	-0.6810-0.1179i	--	-0.1060+0.0284i	-1.6301+0.1716i	-0.7275-0.0127i	0.0809-0.0406i	-1.6106+0.1785i	0.1898-0.0890i
12.2	-0.6795-0.1287i	--	-0.1098+0.0354i	-1.6796+0.2124i	-0.7460-0.0066i	0.0871-0.0458i	-1.6600+0.2182i	0.2129-0.0934i
12.3	-0.6770-0.1476i	--	-0.1130+0.0465i	-1.7265+0.2747i	-0.7581+0.0018i	0.0937-0.0547i	-1.7068+0.2777i	0.2415-0.0967i
12.4	-0.6740-0.1715i	--	-0.1163+0.0574i	-1.7697+0.3435i	-0.7687+0.0102i	0.1014-0.0665i	-1.7484+0.3471i	0.2677-0.1044i
12.5	-0.6795-0.2064i	--	-0.1186+0.0721i	-1.8249+0.4448i	-0.7924+0.0216i	0.1107-0.0811i	-1.8034+0.4475i	0.2966-0.1094i
12.6	-0.6965-0.2418i	--	-0.1137+0.0882i	-1.8314+0.5531i	-0.8071+0.0334i	0.1116-0.0982i	-1.8109+0.5569i	0.3173-0.1258i
12.7	-0.7329-0.2827i	--	-0.1002+0.1052i	-1.7756+0.6850i	-0.8239+0.0526i	0.1003-0.1187i	-1.7546+0.6879i	0.3251-0.1439i
12.8	-0.7965-0.3148i	--	-0.0761+0.1190i	-1.6487+0.7951i	-0.8333+0.0708i	0.0782-0.1382i	-1.6258+0.7997i	0.3326-0.1623i
12.9	-0.8714-0.3321i	--	-0.0523+0.1244i	-1.5117+0.8518i	-0.8515+0.0834i	0.0544-0.1479i	-1.4903+0.8562i	0.3278-0.1701i
13.0	-0.9404-0.3142i	--	-0.0282+0.1210i	-1.3731+0.8278i	-0.8629+0.0936i	0.0295-0.1410i	-1.3538+0.8294i	0.3204-0.1707i
13.1	-1.0001-0.2788i	--	-0.0062+0.1066i	-1.2589+0.7349i	-0.8728+0.1051i	0.0103-0.1277i	-1.2393+0.7376i	0.3244-0.1541i
13.2	-1.0339-0.2388i	--	0.0084+0.0893i	-1.1996+0.6344i	-0.8843+0.1085i	0.0018-0.1126i	-1.1802+0.6370i	0.3352-0.1380i
13.3	-1.0638-0.1981i	--	0.0142+0.0690i	-1.1963+0.5353i	-0.9077+0.1097i	0.0007-0.0999i	-1.1777+0.5364i	0.3532-0.1325i
13.4	-1.0783-0.1670i	--	0.0170+0.0547i	-1.2100+0.4764i	-0.9208+0.1217i	0.0031-0.0934i	-1.1914+0.4776i	0.3782-0.1283i
13.5	-1.0913-0.1431i	--	0.0115+0.0404i	-1.2353+0.4041i	-0.9486+0.1338i	0.0023-0.0826i	-1.2159+0.4035i	0.3948-0.1189i
13.6	-1.1068-0.1148i	--	0.0043+0.0273i	-1.2865+0.3175i	-0.9730+0.1671i	0.0035-0.0707i	-1.2688+0.3175i	0.4256-0.0978i
13.7	-1.1309-0.0883i	--	-0.0023+0.0203i	-1.3519+0.2790i	-0.9764+0.1887i	0.0083-0.0652i	-1.3367+0.2778i	0.4753-0.0904i
13.8	-1.1503-0.0665i	--	-0.0105+0.0165i	-1.4193+0.2533i	-0.9834+0.1933i	0.0139-0.0595i	-1.4019+0.2529i	0.5158-0.0978i
13.9	-1.1673-0.0295i	--	-0.0147+0.0131i	-1.4916+0.2448i	-1.0031+0.2017i	0.0197-0.0564i	-1.4709+0.2462i	0.5590-0.1137i
14.0	-1.1814+0.0007i	--	-0.0166+0.0105i	-1.5564+0.2366i	-1.0193+0.2012i	0.0276-0.0531i	-1.5359+0.2374i	0.6001-0.1287i
14.1	-1.1891+0.0347i	--	-0.0130+0.0052i	-1.6099+0.2348i	-1.0463+0.1943i	0.0402-0.0526i	-1.5912+0.2340i	0.6311-0.1590i
14.2	-1.1982+0.0625i	--	-0.0120-0.0045i	-1.6656+0.2488i	-1.0796+0.2004i	0.0527-0.0619i	-1.6459+0.2476i	0.6580-0.1852i
14.3	-1.2104+0.0903i	--	-0.0213-0.0182i	-1.7274+0.2911i	-1.1294+0.2316i	0.0542-0.0822i	-1.7063+0.2883i	0.6840-0.2085i
14.4	-1.2229+0.1168i	--	-0.0373-0.0245i	-1.7389+0.3237i	-1.1656+0.2644i	0.0358-0.0943i	-1.7205+0.3214i	0.7033-0.2298i
14.5	-1.2430+0.1633i	--	-0.0625-0.0192i	-1.7671+0.3267i	-1.2113+0.3052i	0.0075-0.0828i	-1.7465+0.3211i	0.7362-0.2528i
14.6	-1.2464+0.2219i	--	-0.0726-0.0041i	-1.7947+0.3342i	-1.2446+0.3610i	0.0005-0.0633i	-1.7706+0.3257i	0.7422-0.2895i
14.7	-1.2112+0.3130i	--	-0.0731+0.0078i	-1.8168+0.3597i	-1.2328+0.4693i	0.0043-0.0445i	-1.7929+0.3497i	0.7294-0.3275i
14.8	-1.1320+0.3589i	--	-0.0651+0.0192i	-1.8318+0.3706i	-1.1602+0.5411i	0.0207-0.0319i	-1.8153+0.3547i	0.6987-0.3380i
14.9	-1.0434+0.3445i	--	-0.0536+0.0219i	-1.8270+0.3419i	-1.0581+0.5466i	0.0362-0.0217i	-1.8146+0.3263i	0.6809-0.2883i
15.0	-0.9979+0.2856i	--	-0.0446+0.0193i	-1.8393+0.2841i	-0.9967+0.4849i	0.0501-0.0157i	-1.8303+0.2738i	0.7089-0.2152i
15.1	-1.0123+0.2129i	--	-0.0429+0.0105i	-1.9102+0.2341i	-1.0118+0.3751i	0.0632-0.0197i	-1.8996+0.2244i	0.7904-0.1796i
15.2	-1.0552+0.1641i	--	-0.0436+0.0015i	-2.0063+0.1875i	-1.0607+0.3028i	0.0740-0.0276i	-1.9944+0.1800i	0.8953-0.1641i
15.3	-1.1036+0.1449i	--	-0.0433-0.0035i	-2.1068+0.1632i	-1.1261+0.2636i	0.0831-0.0303i	-2.0957+0.1588i	0.9832-0.1614i
15.4	-1.1572+0.1480i	--	-0.0455-0.0078i	-2.2181+0.1739i	-1.2048+0.2542i	0.0916-0.0341i	-2.2040+0.1682i	1.0818-0.1771i
15.5	-1.2080+0.1601i	--	-0.0499-0.0118i	-2.3168+0.1797i	-1.2670+0.2470i	0.1010-0.0406i	-2.3015+0.1749i	1.1811-0.2220i
15.6	-1.2622+0.1799i	--	-0.0547-0.0176i	-2.4132+0.1936i	-1.3287+0.2344i	0.1090-0.0475i	-2.3959+0.1876i	1.2764-0.2824i
15.7	-1.3358+0.2105i	--	-0.0592-0.0239i	-2.5495+0.2197i	-1.4398+0.2304i	0.1194-0.0537i	-2.5327+0.2117i	1.3831-0.3510i
15.8	-1.3937+0.2619i	--	-0.0601-0.0294i	-2.6704+0.2758i	-1.5211+0.2372i	0.1318-0.0649i	-2.6566+0.2640i	1.4881-0.4524i
15.9	-1.4546+0.3374i	--	-0.0729-0.0368i	-2.8040+0.3503i	-1.6534+0.2454i	0.1352-0.0806i	-2.7942+0.3358i	1.5534-0.6003i
16.0	-1.5129+0.4364i	--	-0.0852-0.0465i	-2.9293+0.4166i	-1.8001+0.3056i	0.1375-0.0932i	-2.9230+0.4067i	1.6084-0.7418i
16.1	-1.5266+0.5728i	--	-0.1011-0.0485i	-3.0472+0.5532i	-1.9333+0.4238i	0.1355-0.1088i	-3.0421+0.5494i	1.6025-0.9236i
16.2	-1.5033+0.6894i	--	-0.1151-0.0428i	-3.1122+0.6985i	-2.0365+0.5521i	0.1302-0.1199i	-3.1069+0.6950i	1.5338-1.0604i
16.3	-1.4553+0.8644i	--	-0.1338-0.0349i	-3.1986+0.9086i	-2.1249+0.7781i	0.1246-0.1379i	-3.1895+0.9067i	1.4623-1.2323i
16.4	-1.3722+0.9775i	--	-0.1394-0.0230i	-3.1801+1.0629i	-2.1196+0.9584i	0.1138-0.1427i	-3.1686+1.0635i	1.3717-1.3164i
16.5	-1.1961+1.0329i	--	-0.1406-0.0023i	-3.0345+1.1761i	-1.9473+1.1726i	0.0944-0.1369i	-3.0227+1.1771i	1.2362-1.2724i
16.6	-0.9940+0.9782i	--	-0.1293+0.0135i	-2.8904+1.1288i	-1.6657+1.2084i	0.0910-0.1147i	-2.8794+1.1284i	1.1706-1.1685i
16.7	-0.8956+0.9043i	--	-0.1190+0.0111i	-2.8632+1.0091i	-1.5245+1.0870i	0.0969-0.1024i	-2.8549+1.0108i	1.1790-1.1338i
16.8	-0.9055+0.8164i	--	-0.1142-0.0043i	-3.0000+0.8843i	-1.5359+0.8827i	0.1144-0.1019i	-2.9934+0.8889i	1.2975-1.1425i
16.9	-0.9514+0.8579i	--	-0.1285-0.0133i	-3.1881+0.8930i	-1.6852+0.8315i	0.1231-0.1059i	-3.1734+0.8978i	1.3819-1.2961i
17.0	-0.9053+0.9423i	--	-0.1362-0.0186i	-3.2714+0.9834i	-1.7510+0.8178i	0.1288-0.1165i	-3.2512+0.9832i	1.3390-1.5128i
17.1	-0.7980+0.8397i	--	-0.1479-0.0297i	-3.3073+0.9042i	-1.8399+0.6508i	0.1273-0.1187i	-3.2861+0.9023i	1.1712-1.4756i
17.2	-0.8466+0.6387i	--	-0.1675-0.0340i	-3.5201+0.7236i	-2.1704+0.4925i	0.1327-0.1052i	-3.5022+0.7217i	1.1477-1.2439i
17.3	-1.0107+0.7099i	--	-0.1915-0.0136i	-3.8541+0.8576i	-2.5110+0.7650i	0.1466-0.1040i	-3.8332+0.8538i	1.3267-1.2563i
17.4	-1.0874+0.8664i	--	-0.1886+0.0197i	-4.1309+1.0987i	-2.5751+1.2371i	0.1828-0.0967i	-4.1107+1.0942i	1.5803-1.2871i
17.5	-1.0828+1.0130i	--	-0.1695+0.0249i	-4.2915+1.3174i	-2.4863+1.4312i	0.2205-0.1177i	-4.2734+1.3176i	1.7932-1.5029i
17.6	-1.0349+1.1437i	--	-0.1725+0.0132i	-4.3824+1.5425i	-2.4923+1.4863i	0.2254-0.1571i	-4.3639+1.5431i	1.7938-1.8391i
17.7	-0.8883+1.3229i	--	-0.1847+0.0082i	-4.4822+1.8108i	-2.4959+1.6828i	0.2213-0.1915i	-4.4598+1.8124i	1.6408-2.1918i
17.8	-0.6394+1.4080i	--	-0.1921+0.0002i	-4.4023+1.9832i	-2.3206+1.7516i	0.2047-0.2191i	-4.3810+1.9843i	1.3513-2.4157i
17.9	-0.4116+1.3420i	--	-0.2039-0.0149i	-4.3248+1.9789i	-2.2001+1.5916i	0.1815-0.2315i	-4.3000+1.9785i	1.0595-2.4553i
18.0	-0.2986+1.2526i	--	-0.2286-0.0229i	-4.3607+1.8967i	-2.2994+1.4144i	0.1600-0.2295i	-4.3336+1.8975i	0.8438-2.4204i
18.1	-0.2304+1.1380i	--	-0.2647+0.0031i	-4.5758+1.8913i	-2.6316+1.4864i	0.1442-0.2072i	-4.5417+1.8893i	0.6519-2.1970i
18.2	-0.1643+1.0936i	--	-0.2841+0.0249i	-4.7771+2.0066i	-2.8166+1.6708i	0.1474-0.1977i	-4.7401+2.0030i	0.5646-2.0821i

18.3	-0.1072+1.0045i	--	-0.2961+0.0544i	-4.9928+2.0914i	-2.9712+1.8847i	0.1591-0.1762i	-4.9577+2.0862i	0.5263-1.8675i
18.4	-0.0655+0.9542i	--	-0.3068+0.1004i	-5.2615+2.2590i	-3.1557+2.2999i	0.1786-0.1520i	-5.2245+2.2456i	0.5532-1.5907i
18.5	0.0219+0.9169i	--	-0.2841+0.1632i	-5.4717+2.5371i	-3.0095+3.0015i	0.2242-0.1135i	-5.4384+2.5112i	0.7806-1.2269i
18.6	0.1155+0.8781i	--	-0.2035+0.1702i	-5.5040+2.8076i	-2.1586+3.2150i	0.3103-0.1345i	-5.4854+2.7788i	1.4000-1.2952i
18.7	0.2440+0.7915i	--	-0.1654+0.0938i	-5.4911+2.8459i	-1.6109+2.4941i	0.3500-0.2176i	-5.4764+2.8339i	1.5924-1.9116i
18.8	0.3212+0.6481i	--	-0.2173+0.0676i	-5.6924+2.8086i	-2.0213+2.1295i	0.3170-0.2433i	-5.6688+2.7997i	1.2188-1.9977i
18.9	0.3779+0.4982i	--	-0.2500+0.0695i	-6.0637+2.8057i	-2.3752+2.0952i	0.3231-0.2381i	-6.0312+2.7969i	1.0978-1.8503i
19.0	0.3953+0.3706i	--	-0.2646+0.0806i	-6.4342+2.9165i	-2.5525+2.1186i	0.3475-0.2385i	-6.3984+2.9086i	1.1417-1.7420i
19.1	0.3756+0.2277i	--	-0.2818+0.0867i	-6.9506+3.0482i	-2.7811+2.1637i	0.3870-0.2473i	-6.9168+3.0395i	1.2873-1.6518i
19.2	0.3315+0.1104i	--	-0.2973+0.0955i	-7.5249+3.3970i	-2.9982+2.3353i	0.4349-0.2761i	-7.4900+3.3861i	1.5482-1.6370i
19.3	0.3189+0.0215i	--	-0.3088+0.1046i	-8.0361+3.8201i	-3.1746+2.5031i	0.4785-0.3151i	-8.0004+3.8072i	1.7368-1.6978i
19.4	0.2986-0.0702i	--	-0.3232+0.1102i	-8.5643+4.3712i	-3.3579+2.6966i	0.5226-0.3641i	-8.5288+4.3549i	1.9252-1.8177i
19.5	0.2712-0.1106i	--	-0.3355+0.1174i	-8.9555+4.9530i	-3.4478+2.8918i	0.5468-0.4178i	-8.9179+4.9380i	2.0991-1.9543i
19.6	0.3360-0.1716i	--	-0.3628+0.1339i	-9.5472+5.8109i	-3.5927+3.1872i	0.5848-0.4954i	-9.5140+5.7937i	2.2391-2.1653i
19.7	0.3760-0.2270i	--	-0.3848+0.1455i	-9.8197+6.3054i	-3.6940+3.3225i	0.5941-0.5387i	-9.7822+6.2907i	2.2871-2.2402i
19.8	0.4921-0.3551i	--	-0.4200+0.1613i	-10.3606+7.0784i	-3.8428+3.5039i	0.6173-0.6040i	-10.3134+7.0660i	2.3964-2.3547i
19.9	0.6282-0.5869i	--	-0.4616+0.2006i	-11.1955+8.0420i	-4.0980+3.7707i	0.6629-0.6697i	-11.1509+8.0313i	2.6834-2.4591i
20.0	0.6709-0.7436i	--	-0.4957+0.2322i	-11.8461+8.6507i	-4.3697+3.9787i	0.6886-0.7029i	-11.8017+8.6432i	2.9223-2.5103i
20.1	0.6428-1.1182i	--	-0.5292+0.3069i	-12.5932+10.5132i	-4.7240+4.5767i	0.7299-0.8231i	-12.5397+10.5042i	3.2915-2.7616i
20.2	0.6256-1.4167i	--	-0.5294+0.3853i	-13.0664+12.2915i	-4.8973+5.2394i	0.7818-0.9273i	-13.0041+12.2777i	3.6029-3.0718i
20.3	0.5527-1.8792i	--	-0.5086+0.4820i	-13.3892+15.0426i	-4.9172+6.1025i	0.8314-1.1065i	-13.3087+15.0373i	4.0644-3.6700i
20.4	0.3860-2.3395i	--	-0.4681+0.5428i	-13.0156+17.8126i	-4.7161+6.8694i	0.8363-1.3179i	-12.9065+17.8012i	4.3288-4.3689i
20.5	0.0162-2.7645i	--	-0.4160+0.5874i	-11.6479+20.6652i	-4.3060+7.6982i	0.7506-1.5644i	-11.5064+20.6320i	4.3429-5.2756i
20.6	-0.5824-3.1735i	--	-0.3604+0.6308i	-9.1455+23.2857i	-3.6263+8.3531i	0.5646-1.7955i	-8.9790+23.1915i	4.0387-6.1805i
20.7	-1.1704-3.3892i	--	-0.3011+0.6652i	-6.7217+25.2707i	-2.9016+8.9223i	0.3875-1.9678i	-6.5545+25.1178i	3.7165-6.9486i
20.8	-1.8238-3.4607i	--	-0.2135+0.6794i	-3.7855+26.7150i	-1.9294+9.1652i	0.1749-2.0963i	-3.6546+26.5040i	3.2950-7.7681i
20.9	-2.3763-3.4295i	--	-0.1974+0.6394i	-1.1578+27.3627i	-1.3980+8.9246i	-0.0569-2.2024i	-1.0869+27.1147i	2.6652-8.4374i
21.0	-2.8701-3.2925i	--	-0.1823+0.6500i	1.2058+27.6403i	-1.0412+8.9702i	-0.2661-2.2300i	1.2295+27.3814i	2.0956-8.7557i
21.1	-3.4385-2.9324i	--	-0.1534+0.6656i	4.0115+27.1563i	-0.6819+9.0034i	-0.5022-2.1908i	3.9745+26.9177i	1.3796-9.0334i
21.2	-3.9559-2.6290i	--	-0.1102+0.6884i	6.4243+26.7283i	-0.3386+9.0503i	-0.6785-2.1422i	6.3353+26.5134i	0.8309-9.2586i
21.3	-4.2859-2.2521i	--	-0.0690+0.6862i	8.3724+26.0965i	0.0362+9.0827i	-0.8195-2.1056i	8.2557+25.9127i	0.3582-9.5365i
21.4	-4.5067-1.6983i	--	-0.0595+0.6612i	9.9875+24.9965i	0.1743+9.1121i	-0.9537-2.0719i	9.8598+24.8626i	-0.2551-9.8552i
21.5	-4.5713-1.2971i	--	-0.0499+0.6836i	11.0268+24.5593i	0.2827+9.4783i	-1.0485-2.0766i	10.8954+24.4527i	-0.7984-10.2642i
21.6	-4.6906-1.0343i	--	-0.0134+0.6821i	12.6861+24.6784i	0.7724+9.7894i	-1.2015-2.1388i	12.5628+24.5944i	-1.5836-10.8304i
21.7	-4.6830-0.7623i	--	-0.0021+0.7031i	14.5953+24.4445i	1.3362+10.2372i	-1.4499-2.1470i	14.4920+24.3794i	-2.8727-11.0304i
21.8	-4.6505-0.4295i	--	0.0074+0.7348i	17.0709+23.5823i	2.1183+10.5713i	-1.7687-2.0858i	16.9902+23.5208i	-4.5314-10.8314i
21.9	-4.7997-0.2998i	--	0.0557+0.7576i	19.6387+22.4322i	3.1114+10.5231i	-2.0436-1.9375i	19.5616+22.3669i	-5.7901-10.1533i
22.0	-4.8895-0.1674i	--	0.1309+0.7810i	21.8609+20.7755i	4.1566+10.2862i	-2.2632-1.7312i	21.7813+20.7011i	-6.8079-9.1781i
22.1	-5.0181-0.0300i	--	0.2062+0.7865i	23.8621+18.8673i	5.1034+9.8203i	-2.4434-1.5076i	23.7681+18.7882i	-7.5318-8.0877i
22.2	-5.1936+0.0804i	--	0.2795+0.7734i	25.4704+17.0022i	5.8622+9.2502i	-2.5897-1.2828i	25.3644+16.9239i	-7.9094-7.0113i
22.3	-5.4707+0.2424i	--	0.3587+0.7372i	26.8288+14.6417i	6.4743+8.3681i	-2.6693-1.0115i	26.7124+14.5685i	-7.9493-5.8119i
22.4	-5.7218+0.4742i	--	0.3865+0.6624i	27.6528+12.5361i	6.6177+7.4220i	-2.7122-0.8102i	27.5328+12.4791i	-7.8509-5.0210i
22.5	-6.0177+0.7898i	--	0.4038+0.6021i	28.5022+10.0881i	6.5902+6.5380i	-2.7662-0.5701i	28.3687+10.0455i	-7.6499-4.1680i
22.6	-6.3119+1.1038i	--	0.4187+0.5704i	29.2251+8.1898i	6.5219+5.9815i	-2.8034-0.3832i	29.0880+8.1621i	-7.4359-3.5638i
22.7	-6.5291+1.4332i	--	0.4161+0.5454i	29.6285+6.4252i	6.2707+5.5623i	-2.8228-0.1965i	29.4914+6.4057i	-7.1866-3.0346i
22.8	-6.8520+2.0262i	--	0.4222+0.5476i	30.0649+3.8419i	5.9434+5.3038i	-2.8098+0.0773i	29.9319+3.8325i	-6.6819-2.3425i
22.9	-7.1476+2.5599i	--	0.4659+0.5508i	30.4873+1.6837i	5.8899+5.1955i	-2.7706+0.2994i	30.3488+1.6786i	-6.0492-1.8013i
23.0	-7.5022+3.3356i	--	0.5464+0.4972i	31.1655-1.1120i	5.9925+4.7974i	-2.7018+0.5267i	31.0184-1.1005i	-5.2237-1.5250i
23.1	-7.6416+4.0704i	--	0.5702+0.4017i	31.1793-3.4126i	5.8299+4.3220i	-2.6306+0.6326i	31.0282-3.3787i	-4.6165-1.7588i
23.2	-7.6068+5.1291i	--	0.5425+0.3087i	30.7798-6.6650i	5.3281+3.9107i	-2.5863+0.8011i	30.6385-6.6044i	-4.1794-2.0267i
23.3	-7.3425+6.3464i	--	0.5185+0.2641i	29.9628-10.2367i	4.8867+3.8565i	-2.5194+1.0338i	29.8415-10.1648i	-3.8520-2.2217i
23.4	-6.8245+7.7354i	--	0.4609+0.2080i	28.5761-14.3167i	4.3736+3.8523i	-2.4357+1.3090i	28.4707-14.2278i	-3.5473-2.5918i
23.5	-5.7497+8.9129i	--	0.3990+0.1535i	25.7481-17.8941i	3.9694+4.0512i	-2.2655+1.5413i	25.6647-17.7904i	-3.4043-3.0941i
23.6	-4.4840+9.7621i	--	0.3627+0.1496i	22.3547-20.5798i	3.7784+4.4070i	-2.0361+1.7427i	22.2909-20.4663i	-3.3501-3.3968i
23.7	-2.5298+10.3895i	--	0.2862+0.1564i	17.1463-22.8379i	3.6368+4.9675i	-1.7116+1.9207i	17.1099-22.7275i	-3.6117-3.8785i
23.8	-1.2024+10.4238i	--	0.2437+0.1919i	13.4687-23.3859i	3.6300+5.4612i	-1.4720+1.9964i	13.4496-23.2837i	-3.7729-4.1906i
23.9	0.1565+9.7917i	--	0.2276+0.2470i	9.5894-22.2821i	3.9676+5.9312i	-1.1936+1.9777i	9.5838-22.1943i	-4.1452-4.2860i
24.0	1.3803+8.8374i	--	0.2174+0.2548i	6.0198-20.2498i	4.4018+6.1343i	-0.9309+1.8535i	6.0271-20.1790i	-4.5976-4.4277i
24.1	2.2933+8.2244i	--	0.2560+0.2856i	3.3658-19.0186i	4.9065+6.4643i	-0.6876+1.8150i	3.3740-18.9593i	-4.7143-4.5512i
24.2	2.6965+7.4644i	--	0.2681+0.2776i	2.0861-17.2992i	5.3567+6.4582i	-0.5646+1.7026i	2.0935-17.2460i	-5.0299-4.5730i
24.3	3.2229+6.2208i	--	0.2831+0.2601i	0.3406-14.4882i	6.0537+6.2283i	-0.4063+1.5118i	0.3489-14.4467i	-5.4973-4.5911i
24.4	3.3558+5.5744i	--	0.2949+0.2506i	-0.3026-13.0029i	6.4567+6.0688i	-0.3324+1.4123i	-0.2948-12.9652i	-5.7165-4.6021i
24.5	3.2816+4.8777i	--	0.2951+0.2270i	-0.4143-11.4921i	6.8093+5.7942i	-0.2990+1.3082i	-0.4118-11.4541i	-5.9786-4.5691i

24.6	3.3217+4.2207i	--	0.2681+0.2163i	-0.8078-10.0479i	7.0480+5.4694i	-0.2762+1.2107i	-0.7982-10.0177i	-6.4121-4.4117i
24.7	3.1330+3.6099i	--	0.2449+0.2143i	-0.6425-8.7585i	7.2145+5.1555i	-0.2797+1.1349i	-0.6297-8.7338i	-6.7951-4.1420i
24.8	3.0486+3.0999i	--	0.1874+0.1979i	-0.6971-7.6832i	7.2662+4.8861i	-0.3022+1.0624i	-0.6819-7.6577i	-7.2738-4.0283i
24.9	2.7481+2.6485i	--	0.1370+0.2677i	-0.3990-6.7698i	7.2524+4.7924i	-0.3261+1.0728i	-0.3796-6.7540i	-7.6292-3.4854i
25.0	2.4798+2.2558i	--	0.1839+0.3357i	-0.1895-6.0602i	7.5384+4.7712i	-0.2524+1.0941i	-0.1722-6.0539i	-7.6357-2.9562i
25.1	2.2238+1.9499i	--	0.2278+0.3146i	-0.0489-5.4045i	7.8649+4.4764i	-0.1793+1.0239i	-0.0384-5.4015i	-7.6065-2.7014i
25.2	2.0093+1.7483i	--	0.2243+0.2977i	0.0942-4.9587i	7.9641+4.2080i	-0.1633+0.9676i	0.1021-4.9562i	-7.6734-2.5540i
25.3	1.7555+1.4497i	--	0.2381+0.2995i	0.3028-4.3177i	8.1476+3.9002i	-0.1264+0.9095i	0.3104-4.3166i	-7.7955-2.1907i
25.4	1.5028+1.3154i	--	0.2410+0.2444i	0.5536-3.9563i	8.2442+3.5298i	-0.1160+0.8160i	0.5578-3.9548i	-7.7664-2.0337i
25.5	1.1814+1.2668i	--	0.1975+0.2169i	0.8993-3.7281i	8.1800+3.2124i	-0.1591+0.7425i	0.9035-3.7250i	-7.7759-1.8800i
25.6	0.9233+1.0947i	--	0.1369+0.2027i	1.1392-3.3390i	8.1113+2.9362i	-0.2120+0.6854i	1.1455-3.3371i	-7.9026-1.6749i
25.7	0.5637+1.0353i	--	0.0485+0.2526i	1.5040-3.0356i	7.9331+2.7655i	-0.3005+0.6844i	1.5144-3.0351i	-8.0626-1.3334i
25.8	0.2923+1.0399i	--	0.0049+0.3107i	1.8140-2.9019i	7.9024+2.7038i	-0.3515+0.7116i	1.8252-2.9044i	-8.1327-0.9867i
25.9	0.2009+1.0608i	--	-0.0415+0.3456i	1.8727-2.8103i	7.8906+2.6370i	-0.3965+0.7262i	1.8842-2.8165i	-8.1610-0.8021i
26.0	-0.0683+1.0830i	--	-0.1308+0.4605i	2.1684-2.6507i	7.7541+2.5477i	-0.4880+0.8116i	2.1820-2.6579i	-8.2542-0.4639i
26.1	-0.4227+1.1250i	--	-0.1442+0.6441i	2.6046-2.5031i	7.6797+2.6022i	-0.5131+0.9534i	2.6224-2.5179i	-8.3021+0.0018i
26.2	-0.6477+1.2116i	--	-0.0390+0.8200i	2.9233-2.4916i	7.7559+2.7603i	-0.4228+1.1045i	2.9375-2.5202i	-8.0952+0.5235i
26.3	-0.8564+1.2574i	--	0.0923+0.9426i	3.1872-2.4564i	7.9752+2.8690i	-0.3049+1.2041i	3.1925-2.4962i	-7.8256+0.9150i
26.4	-1.2374+1.2551i	--	0.2302+1.0053i	3.5698-2.3247i	8.2687+2.8047i	-0.1742+1.2364i	3.5665-2.3729i	-7.5203+1.1600i
26.5	-1.4726+1.3797i	--	0.3538+1.0144i	3.7825-2.3856i	8.4634+2.6541i	-0.0558+1.2280i	3.7755-2.4330i	-7.2796+1.2344i
26.6	-1.7195+1.6442i	--	0.4986+1.0133i	4.0745-2.5790i	8.6386+2.5247i	0.0760+1.2110i	4.0560-2.6291i	-7.0144+1.3665i
26.7	-2.1217+1.7968i	--	0.6117+1.0057i	4.5055-2.5905i	8.8012+2.4530i	0.1756+1.1795i	4.4800-2.6420i	-6.8548+1.4978i
26.8	-2.3068+1.9471i	--	0.6728+0.9997i	4.6724-2.6356i	8.9379+2.4224i	0.2393+1.1521i	4.6414-2.6887i	-6.7898+1.5747i
26.9	-2.4630+2.1164i	--	0.7521+1.0040i	4.8782-2.7260i	9.1451+2.4475i	0.3120+1.1442i	4.8400-2.7824i	-6.6908+1.7079i
27.0	-2.7989+2.4797i	--	0.8976+1.0044i	5.3070-2.9531i	9.5963+2.4431i	0.4446+1.1183i	5.2527-3.0169i	-6.4448+1.9280i
27.1	-3.1160+2.8634i	--	1.0594+0.9779i	5.7299-3.2754i	10.1392+2.2792i	0.5899+1.0587i	5.6613-3.3392i	-6.0964+2.0803i
27.2	-3.4043+3.3754i	--	1.1986+0.8928i	6.1355-3.8246i	10.6497+1.9423i	0.7141+0.9663i	6.0505-3.8818i	-5.7731+2.1280i
27.3	-3.7529+3.9753i	--	1.3349+0.7646i	6.5819-4.4368i	11.2241+1.3899i	0.8294+0.8160i	6.4803-4.4820i	-5.4416+2.0129i
27.4	-4.0162+4.8527i	--	1.4025+0.5721i	6.8942-5.3699i	11.5396+0.4692i	0.8733+0.6112i	6.7795-5.3953i	-5.2689+1.8425i
27.5	-4.0505+5.3490i	--	1.3775+0.4499i	6.8533-5.8182i	11.5244-0.2144i	0.8492+0.4650i	6.7363-5.8278i	-5.3699+1.7121i
27.6	-4.2274+6.3933i	--	1.3915+0.3492i	7.0942-6.8235i	11.5331-0.8821i	0.8460+0.3307i	6.9749-6.8161i	-5.3742+1.8531i
27.7	-4.2025+7.4576i	--	1.4415+0.2357i	7.1387-7.8648i	11.6641-1.5645i	0.8709+0.1901i	7.0148-7.8433i	-5.2105+1.9137i
27.8	-3.5218+8.6762i	--	1.4367+0.0829i	6.4652-9.0810i	11.4883-2.4809i	0.8309+0.0076i	6.3453-9.0420i	-4.9363+1.8833i
27.9	-2.6925+9.9293i	--	1.3716-0.0611i	5.6521-10.3240i	11.0494-3.3867i	0.7280-0.1656i	5.5398-10.2668i	-4.8175+1.8458i
28.0	-1.5637+10.6831i	--	1.2567-0.1500i	4.4914-11.0401i	10.4118-3.9655i	0.5864-0.2760i	4.3905-10.9672i	-4.8339+1.7160i
28.1	0.3292+11.5802i	--	1.1331-0.2383i	2.6301-11.9321i	9.3784-4.5615i	0.3937-0.3682i	2.5512-11.8531i	-4.6329+1.7178i
28.2	1.7024+12.0073i	--	1.0699-0.2571i	1.3664-12.2627i	8.6508-4.8678i	0.2621-0.4087i	1.3013-12.1837i	-4.4153+1.7900i
28.3	3.1868+11.5094i	--	1.0302-0.2073i	0.0152-11.7122i	7.9871-4.6445i	0.1392-0.3611i	-0.0379-11.6317i	-4.2546+1.7546i
28.4	4.6874+11.1957i	--	0.9813-0.2227i	-1.3458-11.3636i	7.2415-4.6399i	-0.0014-0.3666i	-1.3938-11.2808i	-3.9979+1.5894i
28.5	5.9683+10.4407i	--	0.9390-0.2229i	-2.5199-10.6328i	6.6800-4.4236i	-0.1177-0.3254i	-2.5630-10.5597i	-3.8077+1.3858i
28.6	6.8901+9.4972i	--	0.9307-0.2152i	-3.3567-9.6847i	6.3654-4.1080i	-0.1842-0.2710i	-3.3988-9.6129i	-3.6810+1.0914i
28.7	7.3900+8.6190i	--	0.9355-0.2303i	-3.7501-8.8643i	6.1516-3.8587i	-0.2289-0.2129i	-3.7868-8.7938i	-3.6570+0.7949i
28.8	7.7055+7.6922i	--	0.9265-0.2345i	-3.9658-8.0130i	5.9751-3.5777i	-0.2661-0.1415i	-4.0003-7.9446i	-3.7193+0.5498i
28.9	8.0064+6.7234i	--	0.9257-0.2442i	-4.2035-7.1322i	5.8581-3.2795i	-0.2808-0.0706i	-4.2388-7.0629i	-3.8047+0.2426i
29.0	8.0188+6.0369i	--	0.9128-0.2580i	-4.1809-6.4633i	5.8110-3.1303i	-0.2796-0.0445i	-4.2139-6.3908i	-4.0061+0.0145i
29.1	7.9716+5.3478i	--	0.8940-0.2778i	-4.0961-5.8554i	5.7970-2.9771i	-0.2710-0.0159i	-4.1276-5.7836i	-4.2437-0.1613i
29.2	7.9842+4.7518i	--	0.8832-0.3005i	-4.0740-5.3039i	5.7703-2.8474i	-0.2580-0.0131i	-4.1001-5.2340i	-4.4709-0.3239i
29.3	7.9190+4.4142i	--	0.8862-0.3151i	-3.9389-4.9766i	5.7624-2.8080i	-0.2569-0.0258i	-3.9640-4.9043i	-4.6447-0.3650i
29.4	7.8424+3.9353i	--	0.8835-0.3294i	-3.8530-4.5499i	5.8091-2.6812i	-0.2443-0.0355i	-3.8786-4.4768i	-4.8325-0.4298i
29.5	7.7253+3.4706i	--	0.8732-0.3666i	-3.6965-4.1451i	5.8407-2.6680i	-0.2580-0.0636i	-3.7196-4.0687i	-5.0685-0.5033i
29.6	7.6671+3.1507i	--	0.8536-0.3838i	-3.5291-3.8534i	5.8035-2.6004i	-0.3079-0.0707i	-3.5498-3.7768i	-5.3362-0.5241i
29.7	7.5911+2.9337i	--	0.8327-0.4000i	-3.3992-3.6716i	5.7810-2.5638i	-0.3416-0.0762i	-3.4178-3.5939i	-5.5292-0.4974i
29.8	7.5195+2.6585i	--	0.8163-0.4163i	-3.2610-3.4776i	5.8221-2.4695i	-0.3780-0.0726i	-3.2780-3.4017i	-5.7828-0.4362i
29.9	7.4444+2.3968i	--	0.7979-0.4345i	-3.1603-3.2774i	5.8630-2.3990i	-0.4042-0.0713i	-3.1772-3.2030i	-5.9539-0.3655i
30.0	7.3597+2.1633i	--	0.7648-0.4611i	-3.0497-3.1050i	5.8978-2.3415i	-0.4378-0.0770i	-3.0634-3.0296i	-6.1789-0.3418i
30.1	7.2921+1.9890i	--	0.7238-0.4592i	-2.9406-2.9453i	5.9149-2.3338i	-0.4840-0.0824i	-2.9509-2.8697i	-6.4043-0.2419i
30.2	7.2714+1.7889i	--	0.6800-0.4517i	-2.8574-2.7533i	5.9567-2.3171i	-0.5445-0.0823i	-2.8621-2.6779i	-6.6667-0.1671i
30.3	7.2535+1.5284i	--	0.6327-0.4191i	-2.7730-2.5406i	6.0501-2.1865i	-0.6115-0.0486i	-2.7752-2.4665i	-6.9428-0.0311i
30.4	7.1764+1.3815i	--	0.6284-0.3683i	-2.6092-2.3906i	6.1675-2.0953i	-0.6637-0.0036i	-2.6145-2.3184i	-7.0653+0.1431i
30.5	7.1667+1.2453i	--	0.6561-0.3526i	-2.4358-2.3324i	6.3487-2.1254i	-0.7137+0.0561i	-2.4415-2.2583i	-7.1734+0.2961i
30.6	7.1696+1.0957i	--	0.6737-0.3604i	-2.3129-2.3218i	6.5171-2.1761i	-0.7376+0.1183i	-2.3189-2.2420i	-7.3327+0.3356i
30.7	7.1530+0.9544i	--	0.6757-0.3729i	-2.2320-2.3167i	6.6062-2.2653i	-0.7425+0.1672i	-2.2375-2.2324i	-7.4937+0.3942i
30.8	7.1913+0.7435i	--	0.6633-0.3598i	-2.1574-2.2397i	6.7219-2.3996i	-0.7670+0.2208i	-2.1557-2.1526i	-7.8707+0.6151i

30.9	7.1842+0.5762i	--	0.6589-0.3562i	-2.1258-2.1671i	6.8049-2.4665i	-0.7609+0.2516i	-2.1210-2.0780i	-8.0985+0.7572i
31.0	7.2207+0.4048i	--	0.6651-0.3659i	-2.0905-2.0910i	6.8631-2.6084i	-0.7670+0.2652i	-2.0812-1.9964i	-8.3121+0.8993i
31.1	7.2859+0.2018i	--	0.6610-0.3482i	-2.0378-1.9716i	6.9108-2.6611i	-0.8034+0.2833i	-2.0223-1.8754i	-8.6178+1.1301i
31.2	7.3066+0.0182i	--	0.6653-0.3215i	-1.9595-1.8716i	6.9342-2.6780i	-0.8400+0.3166i	-1.9373-1.7762i	-8.8755+1.4066i
31.3	7.3266-0.2076i	--	0.6974-0.2799i	-1.8108-1.7532i	7.0582-2.7302i	-0.8789+0.3724i	-1.7842-1.6562i	-9.1586+1.8791i
31.4	7.3521-0.3647i	--	0.7030-0.2720i	-1.8020-1.7407i	7.1548-2.7279i	-0.8719+0.4226i	-1.7698-1.6409i	-9.2617+2.1619i
31.5	7.3848-0.5374i	--	0.7423-0.2885i	-1.7404-1.7738i	7.3007-2.7060i	-0.8726+0.4948i	-1.7055-1.6719i	-9.3220+2.4325i
31.6	7.4732-0.9126i	--	0.8354-0.2719i	-1.5033-1.6463i	7.6150-2.9868i	-0.9399+0.5511i	-1.4583-1.5467i	-9.6501+3.1006i
31.7	7.4881-1.1669i	--	0.8836-0.2959i	-1.3796-1.6671i	7.7664-3.1516i	-0.9715+0.6253i	-1.3268-1.5661i	-9.7584+3.5281i
31.8	7.5309-1.5075i	--	0.9455-0.3378i	-1.2908-1.7313i	7.9625-3.3874i	-0.9726+0.7407i	-1.2279-1.6293i	-9.8305+4.1286i
31.9	7.4715-1.8462i	--	0.9570-0.4039i	-1.2626-1.8010i	8.0554-3.6594i	-0.9373+0.8453i	-1.1885-1.7045i	-9.7697+4.6785i
32.0	7.3987-2.2148i	--	0.9375-0.4480i	-1.3394-1.8665i	8.1876-3.9146i	-0.8582+0.9616i	-1.2497-1.7800i	-9.7007+5.3800i
32.1	7.2742-2.5836i	--	0.9429-0.4916i	-1.3479-1.8973i	8.1967-4.1628i	-0.7987+1.0654i	-1.2498-1.8253i	-9.4311+5.9804i
32.2	7.1784-2.9324i	--	0.9289-0.5834i	-1.4267-2.0085i	8.2551-4.4596i	-0.7122+1.1800i	-1.3208-1.9453i	-9.1543+6.4978i
32.3	6.9793-3.3506i	--	0.8930-0.6485i	-1.4982-2.0391i	8.2469-4.8583i	-0.5897+1.2777i	-1.3863-1.9893i	-8.7870+7.1590i
32.4	6.7223-3.7600i	--	0.9106-0.6750i	-1.5032-1.9672i	8.3079-5.3406i	-0.4699+1.3223i	-1.3912-1.9370i	-8.1845+7.7941i
32.5	6.5002-3.8254i	--	0.8667-0.6804i	-1.6172-1.9298i	8.3011-5.3758i	-0.3368+1.3204i	-1.5041-1.9074i	-7.7720+7.7703i
32.6	6.1115-4.0558i	--	0.8775-0.6973i	-1.6116-1.8163i	8.2420-5.7255i	-0.1973+1.2891i	-1.5128-1.8075i	-7.0096+7.9838i
32.7	5.6823-4.2520i	--	0.8634-0.6829i	-1.6123-1.6032i	8.1348-6.0445i	-0.0388+1.2106i	-1.5239-1.6076i	-6.2564+8.1030i
32.8	5.3729-4.2405i	--	0.8763-0.6747i	-1.5425-1.4996i	8.0201-6.2077i	0.0555+1.1116i	-1.4649-1.5055i	-5.6671+7.9552i
32.9	4.8602-4.1379i	--	0.8874-0.7643i	-1.4033-1.4848i	7.6597-6.6093i	0.1530+0.9673i	-1.3432-1.4911i	-4.8246+7.4683i
33.0	4.5101-4.0952i	--	0.8863-0.8122i	-1.2664-1.3711i	7.3536-6.9267i	0.1828+0.8244i	-1.2150-1.3788i	-4.3463+7.1377i
33.1	4.3436-3.9984i	--	0.8291-0.8478i	-1.2363-1.3419i	7.1395-7.0925i	0.2068+0.7171i	-1.1868-1.3455i	-4.1799+6.7455i
33.2	4.2599-3.8785i	--	0.7952-0.8546i	-1.1196-1.2763i	6.9254-7.2408i	0.1501+0.5993i	-1.0697-1.2770i	-4.2091+6.3500i
33.3	4.2026-3.7552i	--	0.7863-0.8571i	-0.9542-1.2740i	6.7519-7.3736i	0.0882+0.4929i	-0.9082-1.2749i	-4.2111+5.9984i
33.4	4.1799-3.6387i	--	0.7753-0.8752i	-0.8231-1.3138i	6.6397-7.5378i	0.0284+0.3927i	-0.7814-1.3138i	-4.2708+5.6756i
33.5	4.3353-3.7086i	--	0.7427-0.9332i	-0.7517-1.4744i	6.4601-7.9220i	-0.0974+0.3589i	-0.7052-1.4699i	-4.6508+5.5980i
33.6	4.3966-3.7931i	--	0.6798-0.9472i	-0.7426-1.5605i	6.0365-8.1597i	-0.2106+0.3158i	-0.6957-1.5474i	-4.8224+5.4717i
33.7	4.5686-3.8974i	--	0.6910-0.8537i	-0.6603-1.6462i	5.9349-8.3451i	-0.3570+0.2816i	-0.6049-1.6409i	-5.2953+5.7129i
33.8	4.6159-4.0879i	--	0.7217-0.7995i	-0.5990-1.7604i	5.6061-8.3982i	-0.5064+0.3232i	-0.5362-1.7629i	-5.4979+5.9899i
33.9	4.5127-4.0509i	--	0.7931-0.7783i	-0.5286-1.9234i	5.2335-8.0479i	-0.6646+0.4160i	-0.4655-1.9310i	-5.6004+6.0050i
34.0	4.5619-4.1027i	--	0.8709-0.8117i	-0.5949-2.1061i	5.1482-8.0243i	-0.7393+0.5212i	-0.5333-2.1252i	-5.6093+6.2398i
34.1	4.6592-4.3061i	--	0.9294-0.8545i	-0.7360-2.2026i	5.1075-7.9962i	-0.7901+0.6800i	-0.6785-2.2299i	-5.6137+6.6263i
34.2	4.7356-4.5424i	--	0.9905-0.9836i	-0.8716-2.2812i	5.0976-8.1423i	-0.7839+0.7849i	-0.8222-2.3109i	-5.4003+6.8309i
34.3	4.9345-4.8028i	--	1.0423-1.1392i	-0.9354-2.3858i	5.1277-8.4208i	-0.7979+0.8737i	-0.8960-2.4119i	-5.3554+6.8664i
34.4	4.9584-5.3215i	--	1.0243-1.2511i	-1.1176-2.4124i	4.9126-8.6531i	-0.7328+1.0029i	-1.0891-2.4438i	-5.0831+7.1432i
34.5	4.8975-5.7847i	--	0.9592-1.3290i	-1.3054-2.4373i	4.4553-8.8494i	-0.7010+1.1180i	-1.2827-2.4698i	-4.7637+7.4128i
34.6	4.8002-6.2071i	--	0.8705-1.4004i	-1.4386-2.4444i	4.0108-8.9366i	-0.6831+1.2341i	-1.4164-2.4737i	-4.5621+7.5648i
34.7	4.5207-6.9646i	--	0.7881-1.4862i	-1.6227-2.4085i	3.5126-9.0421i	-0.5817+1.3451i	-1.6128-2.4346i	-4.1787+7.6519i
34.8	4.1467-7.4725i	--	0.7077-1.4896i	-1.7446-2.2770i	3.1539-8.6746i	-0.5165+1.4258i	-1.7408-2.2972i	-4.0674+7.4665i
34.9	3.5795-7.8390i	--	0.6505-1.4669i	-1.8061-2.1268i	2.9416-8.2861i	-0.4051+1.4896i	-1.8070-2.1451i	-3.8629+7.3494i
35.0	2.8931-8.4268i	--	0.5858-1.4388i	-1.9484-1.9638i	2.5478-7.8972i	-0.2668+1.5711i	-1.9516-1.9844i	-3.5424+7.1966i
35.1	2.0960-8.7383i	--	0.5700-1.3970i	-2.0019-1.8082i	2.4961-7.3811i	-0.1352+1.6153i	-2.0099-1.8284i	-3.4717+6.9896i
35.2	1.0910-8.8609i	--	0.5901-1.3491i	-1.9667-1.6194i	2.8067-6.8540i	0.0398+1.6011i	-1.9771-1.6371i	-3.6289+6.8026i
35.3	0.3522-8.6547i	--	0.5786-1.2855i	-1.9391-1.4461i	3.0518-6.3510i	0.1350+1.5510i	-1.9493-1.4602i	-3.8117+6.5038i
35.4	-0.6300-8.1551i	--	0.6842-1.2531i	-1.7980-1.2291i	3.7513-5.8073i	0.2886+1.4279i	-1.8140-1.2415i	-4.1060+6.1869i
35.5	-1.1199-7.5662i	--	0.8034-1.3065i	-1.6290-1.1736i	4.5837-5.8780i	0.3600+1.2974i	-1.6508-1.1762i	-4.5537+6.1424i
35.6	-1.5918-7.0139i	--	0.9616-1.3704i	-1.4637-1.1687i	5.3751-6.3120i	0.3733+1.1979i	-1.4906-1.1657i	-5.0430+6.4966i
35.7	-1.7380-6.3378i	--	1.1400-1.5033i	-1.2814-1.1979i	6.2209-6.7696i	0.3462+1.1167i	-1.3154-1.1889i	-5.5553+6.8443i
35.8	-1.6445-5.8846i	--	1.2573-1.7217i	-1.1457-1.2768i	6.8063-7.4541i	0.2745+1.0521i	-1.1829-1.2584i	-5.9475+7.2306i
35.9	-1.3952-5.4227i	--	1.3105-2.1139i	-1.0233-1.4682i	7.2857-8.7675i	0.2150+0.9954i	-1.0645-1.4323i	-6.1591+8.0361i
36.0	-1.1127-5.2726i	--	1.2530-2.4773i	-0.9881-1.6656i	7.3912-10.0154i	0.1741+0.9690i	-1.0282-1.6136i	-6.1814+8.7141i
36.1	-0.8992-5.2533i	--	1.0508-2.8691i	-1.0372-1.8975i	6.9599-11.4368i	0.0796+0.9798i	-1.0709-1.8264i	-5.9680+9.5034i
36.2	-0.8245-5.5762i	--	0.6528-3.2321i	-1.1838-2.1417i	5.8088-12.9146i	-0.0032+1.0786i	-1.2042-2.0539i	-5.3434+10.4736i
36.3	-1.0524-5.9228i	--	0.1617-3.3956i	-1.4320-2.2641i	4.2939-13.6396i	-0.0260+1.1996i	-1.4290-2.1675i	-4.6098+10.9679i
36.4	-1.5385-6.0874i	--	-0.3184-3.3872i	-1.7246-2.2830i	2.8125-13.7313i	0.0020+1.3459i	-1.6954-2.1818i	-3.8801+11.2911i
36.5	-2.1031-6.0743i	--	-0.7581-3.1997i	-2.0065-2.2038i	1.4106-13.2143i	0.1046+1.4752i	-1.9570-2.1105i	-3.0501+11.1911i
36.6	-2.5027-5.8646i	--	-0.9959-2.9593i	-2.1731-2.0465i	0.6062-12.5200i	0.2482+1.5057i	-2.1156-1.9639i	-2.4129+10.8886i
36.7	-2.9440-5.5355i	--	-1.1795-2.7122i	-2.3195-1.8643i	0.0432-11.7014i	0.3911+1.5134i	-2.2523-1.7938i	-1.9563+10.5489i
36.8	-3.2596-5.1154i	--	-1.2582-2.4629i	-2.4035-1.6638i	-0.1586-10.9995i	0.5456+1.5010i	-2.3284-1.6088i	-1.6497+10.2859i
36.9	-3.4028-4.7290i	--	-1.2953-2.3569i	-2.3881-1.5211i	-0.0971-10.6089i	0.6163+1.4002i	-2.3070-1.4730i	-1.7300+9.9802i
37.0	-3.4191-4.3583i	--	-1.3858-2.2556i	-2.3883-1.3795i	0.0709-10.2964i	0.6308+1.3661i	-2.3006-1.3405i	-2.1147+10.0016i
37.1	-3.3679-3.9789i	--	-1.4029-2.0643i	-2.3515-1.2247i	0.2749-9.9331i	0.6879+1.3942i	-2.2642-1.2032i	-2.1513+10.2176i

37.2	-3.2632-3.6899i	--	-1.3580-1.9127i	-2.3118-1.1092i	0.5915-9.6866i	0.8071+1.3897i	-2.2323-1.1011i	-1.9927+10.4055i
37.3	-3.1753-3.4976i	--	-1.2788-1.8449i	-2.2367-1.0044i	0.9183-9.8441i	0.9603+1.3244i	-2.1715-1.0032i	-1.6855+10.6448i
37.4	-3.0895-3.2296i	--	-1.2092-1.8089i	-2.1446-0.8869i	1.2828-9.9630i	1.1201+1.2038i	-2.0922-0.8909i	-1.3955+10.7515i
37.5	-3.0444-3.0953i	--	-1.1915-1.8300i	-2.0896-0.8380i	1.3465-10.3176i	1.1931+1.0475i	-2.0452-0.8370i	-1.1201+10.7362i
37.6	-3.0507-3.0495i	--	-1.2790-1.9427i	-2.0337-0.8304i	1.1843-11.0412i	1.1964+0.7791i	-1.9964-0.8180i	-0.8088+10.6905i
37.7	-3.0959-3.0430i	--	-1.4152-2.0602i	-1.9948-0.8375i	0.7895-11.6443i	1.1351+0.5355i	-1.9551-0.8141i	-0.5199+10.5547i
37.8	-3.1468-2.9138i	--	-1.6140-2.0680i	-1.9541-0.8373i	0.1256-11.8578i	0.9422+0.4043i	-1.9044-0.8055i	-0.4913+10.4152i
37.9	-3.2027-2.6838i	--	-1.8702-1.9672i	-1.9333-0.8235i	-0.6006-11.6668i	0.6774+0.3862i	-1.8728-0.7922i	-0.6830+10.4020i
38.0	-3.1212-2.4591i	--	-2.0223-1.7916i	-1.9194-0.7943i	-0.8585-11.4240i	0.5252+0.4514i	-1.8518-0.7749i	-0.7652+10.6293i
38.1	-3.0004-2.4008i	--	-2.0489-1.6194i	-1.8984-0.8130i	-1.0272-11.3998i	0.5320+0.5388i	-1.8293-0.7998i	-0.4677+11.0265i
38.2	-2.9922-2.3574i	--	-2.1086-1.4730i	-1.9003-0.8208i	-1.2946-11.4420i	0.5429+0.5945i	-1.8330-0.8122i	-0.0788+11.4081i
38.3	-3.0243-2.3339i	--	-2.1989-1.3859i	-1.9123-0.8024i	-1.6869-11.4126i	0.4667+0.5699i	-1.8456-0.7923i	0.3257+11.4061i
38.4	-3.1091-2.2928i	--	-2.2257-1.3373i	-1.9382-0.7748i	-2.1127-11.4314i	0.4789+0.4829i	-1.8764-0.7618i	0.9350+11.2931i
38.5	-3.1637-2.1845i	--	-2.3048-1.2284i	-1.9420-0.7300i	-2.4669-11.3393i	0.4087+0.4561i	-1.8787-0.7185i	1.2931+11.1925i
38.6	-3.1647-2.0836i	--	-2.3681-1.0510i	-1.9475-0.7029i	-2.7682-11.1319i	0.3394+0.5228i	-1.8812-0.6951i	1.5725+11.1336i
38.7	-3.1866-1.9664i	--	-2.4165-0.9253i	-1.9529-0.6786i	-3.0078-10.8662i	0.2884+0.5690i	-1.8841-0.6730i	1.8042+10.9174i
38.8	-3.2330-1.7667i	--	-2.4766-0.8454i	-1.9271-0.6531i	-3.1322-10.7463i	0.2392+0.5404i	-1.8544-0.6465i	1.9951+10.7606i
38.9	-3.2229-1.6095i	--	-2.5497-0.6265i	-1.9190-0.6259i	-3.3263-10.5096i	0.1456+0.6655i	-1.8453-0.6243i	2.0505+10.6697i
39.0	-3.2250-1.4710i	--	-2.5601-0.4797i	-1.9078-0.5937i	-3.3289-10.2983i	0.1245+0.7252i	-1.8294-0.5945i	2.0632+10.5775i
39.1	-3.2309-1.3440i	--	-2.5638-0.3083i	-1.9012-0.5703i	-3.3893-10.1906i	0.1117+0.8131i	-1.8201-0.5755i	2.1514+10.5702i
39.2	-3.2163-1.1916i	--	-2.5990-0.0984i	-1.9144-0.5228i	-3.4599-10.0959i	0.0793+0.9188i	-1.8309-0.5328i	2.2049+10.6426i
39.3	-3.1683-1.1274i	--	-2.5102+0.1075i	-1.9061-0.4509i	-3.5078-10.0168i	0.1508+1.0440i	-1.8217-0.4671i	2.3906+10.6588i
39.4	-3.0502-0.9906i	--	-2.4036+0.3457i	-1.8614-0.4058i	-3.5656-10.2462i	0.1949+1.1757i	-1.7826-0.4364i	2.5604+10.9331i
39.5	-2.9800-0.8894i	--	-2.3118+0.5191i	-1.7844-0.3654i	-3.8672-10.4336i	0.2180+1.2455i	-1.7098-0.4005i	2.9199+11.0718i
39.6	-2.8860-0.7981i	--	-2.1542+0.6771i	-1.6743-0.3371i	-4.4176-10.2700i	0.3293+1.3239i	-1.6058-0.3760i	3.4436+10.9202i
39.7	-2.8035-0.7969i	--	-2.1072+0.8543i	-1.5956-0.4137i	-4.4984-9.8634i	0.3551+1.4347i	-1.5262-0.4575i	3.3372+10.7060i
39.8	-2.8480-0.7404i	--	-1.9744+1.0774i	-1.6429-0.5011i	-4.1757-10.1530i	0.4446+1.5502i	-1.5719-0.5528i	3.2648+11.3397i
39.9	-2.8359-0.6087i	--	-1.6190+1.2184i	-1.7116-0.5004i	-4.6885-10.7193i	0.6731+1.6137i	-1.6516-0.5597i	4.2184+11.8138i
40.0	-2.7822-0.5717i	--	-1.3407+1.2889i	-1.7297-0.4914i	-5.2485-10.8225i	0.8536+1.6687i	-1.6805-0.5531i	4.9454+11.8457i
40.1	-2.7565-0.4164i	--	-1.1290+1.2167i	-1.7503-0.4532i	-5.7329-10.8903i	1.0278+1.5517i	-1.7108-0.5150i	5.5992+11.7721i
40.2	-2.7221-0.3638i	--	-0.9377+1.1486i	-1.7616-0.4222i	-6.3396-10.5865i	1.1711+1.4760i	-1.7304-0.4817i	6.1740+11.3480i
40.3	-2.6360-0.2718i	--	-0.7839+1.0874i	-1.7444-0.3962i	-6.8629-10.2959i	1.2489+1.3870i	-1.7211-0.4562i	6.7002+10.9229i
40.4	-2.5041-0.2313i	--	-0.6103+0.9686i	-1.7265-0.3733i	-7.5237-10.0343i	1.3389+1.2596i	-1.7150-0.4274i	7.3689+10.4259i
40.5	-2.4488-0.2244i	--	-0.4923+0.8407i	-1.7123-0.3543i	-7.9022-9.5303i	1.4109+1.1463i	-1.7083-0.4013i	7.7352+9.9086i
40.6	-2.4484-0.2465i	--	-0.5103+0.6939i	-1.7019-0.3366i	-8.0708-8.9196i	1.3970+1.0366i	-1.6962-0.3759i	7.8370+9.2302i
40.7	-2.4680-0.2052i	--	-0.5189+0.5702i	-1.6250-0.3277i	-8.0556-8.2053i	1.3948+0.9267i	-1.6210-0.3570i	7.5921+8.3548i
40.8	-2.4381-0.1537i	--	-0.4620+0.5916i	-1.5902-0.4042i	-7.9755-7.6078i	1.4425+0.9060i	-1.5864-0.4265i	7.1853+8.0314i
40.9	-2.4471-0.0767i	--	-0.4103+0.5777i	-1.6693-0.4416i	-7.8050-7.5514i	1.4634+0.8362i	-1.6618-0.4626i	7.1852+8.3522i
41.0	-2.4743-0.0070i	--	-0.3647+0.4661i	-1.7307-0.4049i	-7.6599-7.3616i	1.4932+0.7248i	-1.7224-0.4258i	7.3437+8.2923i
41.1	-2.4360+0.0696i	--	-0.2563+0.3792i	-1.7720-0.3205i	-7.9902-7.0252i	1.5339+0.6353i	-1.7620-0.3388i	7.6837+7.8972i
41.2	-2.3407+0.1402i	--	-0.1729+0.3091i	-1.7623-0.2159i	-8.2980-6.7063i	1.5484+0.5632i	-1.7528-0.2332i	7.9683+7.6992i
41.3	-2.2358+0.1695i	--	-0.2080+0.1391i	-1.6736-0.2170i	-8.2308-6.4061i	1.4758+0.4527i	-1.6675-0.2319i	8.2527+7.4376i
41.4	-2.2043+0.2439i	--	-0.3037+0.0628i	-1.6334-0.2634i	-8.2713-6.2522i	1.3829+0.4107i	-1.6274-0.2771i	8.5779+7.0509i
41.5	-2.2471+0.3070i	--	-0.3318+0.0915i	-1.6360-0.3048i	-8.2481-6.2192i	1.3677+0.4328i	-1.6270-0.3139i	8.5102+6.7468i
41.6	-2.1773+0.3619i	--	-0.3075-0.0243i	-1.6992-0.2970i	-8.5713-5.6550i	1.3949+0.3596i	-1.6846-0.3025i	8.6182+6.1851i
41.7	-2.0872+0.4063i	--	-0.3481-0.0760i	-1.7063-0.2469i	-8.5655-5.3056i	1.3766+0.3137i	-1.6860-0.2464i	8.5053+5.6831i
41.8	-2.0128+0.4309i	--	-0.3908-0.0511i	-1.6641-0.2276i	-9.0064-5.0035i	1.3465+0.3384i	-1.6430-0.2230i	8.6233+5.2405i
41.9	-1.9076+0.4480i	--	-0.4053-0.0843i	-1.6210-0.2433i	-9.1041-4.3375i	1.3632+0.3283i	-1.5963-0.2396i	8.5354+4.6047i
42.0	-1.8352+0.5172i	--	-0.5726-0.0368i	-1.6220-0.2589i	-8.7032-4.0568i	1.3004+0.2764i	-1.5959-0.2571i	8.1788+4.4493i
42.1	-1.7292+0.4365i	--	-0.4637+0.0407i	-1.7014-0.3002i	-8.5689-3.5147i	1.3143+0.2874i	-1.6707-0.3030i	8.0597+4.2660i
42.2	-1.7291+0.4824i	--	-0.4787+0.0056i	-1.7974-0.3139i	-8.2362-3.5191i	1.3535+0.2523i	-1.7638-0.3209i	8.1272+4.2213i
42.3	-1.8175+0.4968i	--	-0.6495-0.0517i	-1.8937-0.3478i	-7.4359-3.5128i	1.2862+0.1317i	-1.8595-0.3571i	7.5084+4.1912i
42.4	-1.7351+0.6048i	--	-0.6500+0.0812i	-2.0286-0.0899i	-7.1577-3.4742i	1.2186+0.1119i	-1.9911-0.1061i	7.0006+4.4471i
42.5	-1.5383+0.7332i	--	-0.5663+0.1906i	-1.8394+0.1028i	-6.9872-4.2198i	1.1473+0.1264i	-1.8125+0.0825i	7.3421+4.8878i
42.6	-1.4903+0.7048i	--	-0.6103+0.1251i	-1.7165+0.0295i	-7.0598-4.7121i	1.0897+0.1550i	-1.6920+0.0136i	7.7770+5.1329i
42.7	-1.4817+0.5660i	--	-0.5341-0.0555i	-1.6718-0.0010i	-7.3986-3.7020i	1.1511+0.1324i	-1.6408-0.0146i	7.7255+4.5815i
42.8	-1.4665+0.5173i	--	-0.4907-0.0981i	-1.5794+0.0461i	-7.6253-2.9401i	1.2030+0.0957i	-1.5473+0.0311i	7.8519+3.9345i
42.9	-1.3891+0.5088i	--	-0.4962-0.0697i	-1.4437-0.0042i	-7.4718-2.5865i	1.1817+0.0133i	-1.4112-0.0225i	7.6891+3.4282i
43.0	-1.3651+0.3641i	--	-0.4462-0.0371i	-1.4610-0.2211i	-7.2331-3.0519i	1.0948+0.0190i	-1.4318-0.2343i	7.4441+3.5526i
43.1	-1.4258+0.3357i	--	-0.4643-0.0653i	-1.6517-0.2935i	-7.8934-3.5456i	1.0536+0.1086i	-1.6178-0.3025i	7.7660+3.7538i
43.2	-1.4426+0.4512i	--	-0.5771-0.0746i	-1.8164-0.2556i	-8.4795-3.5118i	1.0909+0.1647i	-1.7811-0.2643i	8.3868+3.8074i
43.3	-1.5177+0.4747i	--	-0.6496-0.1227i	-1.8795-0.1712i	-8.3604-2.6123i	1.1445+0.1459i	-1.8417-0.1863i	8.4310+3.2842i
43.4	-1.6086+0.5770i	--	-0.6822-0.1562i	-1.9267-0.1237i	-8.3023-1.8491i	1.2069+0.1060i	-1.8823-0.1458i	8.3430+2.8960i

43.5	-1.4766+0.6820i	--	-0.7458-0.0116i	-2.0021+0.0093i	-8.3373-1.7064i	1.2347+0.0419i	-1.9635-0.0135i	8.6328+2.4025i
43.6	-1.3689+0.6395i	--	-0.6728+0.0724i	-1.9078+0.2169i	-7.8477-0.8449i	1.2068-0.0721i	-1.8694+0.1920i	7.9989+1.5291i
43.7	-1.4194+0.6716i	--	-0.7219+0.0060i	-1.7902+0.1105i	-6.9072-1.3708i	1.0775-0.0858i	-1.7602+0.0858i	7.4641+2.1026i
43.8	-1.4776+0.7131i	--	-0.7480-0.1239i	-1.8688+0.0018i	-7.3799-1.3126i	1.0516-0.0349i	-1.8297-0.0241i	7.5809+2.3393i
43.9	-1.2902+0.8573i	--	-0.8043+0.0982i	-2.0755+0.2098i	-8.2423-0.2084i	1.1156-0.0346i	-2.0259+0.1824i	7.6811+1.3628i
44.0	-1.1392+0.8680i	--	-0.6849+0.2793i	-2.0456+0.4653i	-7.6830+0.4600i	1.1491-0.0723i	-1.9964+0.4237i	7.5380+1.1815i
44.1	-1.0989+0.8211i	--	-0.5221+0.2467i	-1.8462+0.5722i	-6.8836+0.6355i	1.1365-0.1057i	-1.8113+0.5205i	7.5561+1.2546i
44.2	-1.1071+0.7674i	--	-0.5107+0.0983i	-1.7060+0.5405i	-6.0959+1.0999i	1.1230-0.1427i	-1.6865+0.4846i	7.5523+1.0188i
44.3	-1.0386+0.6615i	--	-0.6911-0.0025i	-1.7121+0.4717i	-4.9026+0.7725i	1.0842-0.1937i	-1.7065+0.4166i	7.5452+1.0867i
44.4	-0.9260+0.5552i	--	-0.6052-0.0103i	-1.5805+0.5075i	-4.1848+0.2692i	1.0167-0.3012i	-1.5800+0.4660i	6.9175+0.3368i
44.5	-1.0664+0.5444i	--	-0.5148-0.0285i	-1.4486+0.5205i	-4.2947-0.1612i	0.8884-0.3216i	-1.4425+0.4857i	5.9816+0.1995i
44.6	-1.0283+0.7525i	--	-0.5719+0.0689i	-1.4632+0.6065i	-4.2981+0.0005i	0.8597-0.2525i	-1.4589+0.5747i	5.9385+0.2213i
44.7	-0.9600+0.6511i	--	-0.5194+0.0544i	-1.3309+0.7015i	-3.4506-0.2748i	0.8540-0.2889i	-1.3358+0.6728i	5.5218+0.2364i
44.8	-0.9910+0.4451i	--	-0.5043-0.0641i	-1.0325+0.4980i	-3.9875-1.5281i	0.7348-0.2428i	-1.0340+0.4835i	5.3298+0.7177i
44.9	-1.1553+0.5994i	--	-0.7477-0.0224i	-1.1958+0.2466i	-4.9527-2.0253i	0.7445-0.1395i	-1.1930+0.2424i	6.0409+0.8349i
45.0	-1.0853+0.6466i	--	-0.8762+0.0821i	-1.3949+0.2114i	-5.1612-1.1161i	0.7838-0.1037i	-1.3821+0.2009i	5.8688+0.6708i
45.1	-1.0731+0.7137i	--	-0.6198+0.2834i	-1.2328+0.3208i	-4.2837-0.4764i	0.7711-0.0874i	-1.2130+0.3036i	4.7532+0.7916i
45.2	-1.1840+0.7901i	--	-0.5423+0.2433i	-1.3636+0.2180i	-4.1634-1.2428i	0.8173-0.0661i	-1.3471+0.2059i	5.1121+1.1268i
45.3	-1.0428+0.9250i	--	-0.4926+0.1251i	-1.3337+0.2501i	-3.7593-1.9068i	0.8124-0.0489i	-1.3213+0.2378i	4.9693+1.6992i
45.4	-0.8414+0.9207i	--	-0.4325-0.0365i	-1.2246+0.1806i	-4.1684-2.4133i	0.8148-0.0253i	-1.2079+0.1652i	5.2574+2.4287i
45.5	-0.8922+0.8871i	--	-0.5296+0.0073i	-1.3580+0.1117i	-5.3789-2.5625i	0.8975+0.0218i	-1.3375+0.1032i	6.4900+2.0146i
45.6	-0.8749+0.8255i	--	-0.6514-0.0565i	-1.4866+0.0943i	-5.4893-1.9486i	0.9300-0.0151i	-1.4712+0.0795i	6.9752+1.5105i
45.7	-0.7687+0.9454i	--	-0.7489-0.0994i	-1.6332+0.0133i	-5.9092-1.7047i	0.9883-0.0248i	-1.6132+0.0014i	7.1721+1.2571i
45.8	-0.6225+1.0248i	--	-0.7845+0.0617i	-1.8138+0.2060i	-6.3830-1.1100i	1.0628-0.0956i	-1.7844+0.1940i	7.2930+0.1566i
45.9	-0.3726+0.9477i	--	-0.8667+0.2852i	-1.9673+0.5701i	-6.3512-0.2266i	1.0792-0.2416i	-1.9365+0.5612i	7.0486-1.1597i
46.0	-0.2938+0.6377i	--	-0.6916+0.5127i	-1.8191+1.0150i	-5.5800+0.7685i	1.0041-0.3806i	-1.7871+0.9961i	5.8744-1.8652i
46.1	-0.4397+0.3190i	--	-0.5053+0.4208i	-1.3302+1.2028i	-4.0504+0.3267i	0.8062-0.4137i	-1.3123+1.1777i	4.7125-1.1416i
46.2	-0.6486+0.1615i	--	-0.3898+0.2990i	-0.7816+1.0482i	-3.7189-0.8005i	0.6512-0.2944i	-0.7711+1.0280i	4.3395-0.1288i
46.3	-0.7065+0.3909i	--	-0.4316+0.1595i	-0.7809+0.4638i	-4.7756-0.8306i	0.7929-0.1713i	-0.7662+0.4527i	5.3704+0.0094i
46.4	-0.7933+0.4727i	--	-0.4858+0.1913i	-0.9055+0.3530i	-4.3630-0.5220i	0.8062-0.2642i	-0.8938+0.3501i	4.9862-0.9894i
46.5	-0.9516+0.5346i	--	-0.5151+0.1674i	-0.9523+0.1392i	-4.0302-1.1724i	0.6960-0.2153i	-0.9360+0.1456i	4.0266-0.3638i
46.6	-0.9237+0.6473i	--	-0.5705+0.1841i	-1.2119+0.0658i	-4.1950-1.3662i	0.7342-0.1312i	-1.1892+0.0736i	4.4601+0.1398i
46.7	-0.7354+0.7141i	--	-0.5228+0.2261i	-1.3428+0.1997i	-4.4438-1.4169i	0.7847-0.1405i	-1.3117+0.2036i	4.6040+0.1107i
46.8	-0.7170+0.6877i	--	-0.5126+0.2012i	-1.3721+0.2280i	-4.6639-1.4389i	0.8016-0.1341i	-1.3362+0.2245i	4.7529+0.1871i
46.9	-0.6095+0.8282i	--	-0.5410+0.1713i	-1.5004+0.1814i	-4.8990-1.4796i	0.8572-0.1072i	-1.4596+0.1724i	4.8412+0.3216i
47.0	-0.3808+0.8246i	--	-0.5465+0.2466i	-1.6545+0.3843i	-5.5348-1.3002i	0.9261-0.1905i	-1.6100+0.3728i	5.3074+0.0141i
47.1	-0.3900+0.5983i	--	-0.5114+0.3220i	-1.5312+0.6988i	-5.4790-0.9486i	0.8713-0.2696i	-1.4927+0.6856i	5.2465-0.7930i
47.2	-0.4186+0.6348i	--	-0.4962+0.2675i	-1.4251+0.5022i	-5.7288-1.1638i	0.8696-0.1705i	-1.3829+0.5003i	5.0809-0.5097i
47.3	-0.4375+0.5225i	--	-0.5051+0.2811i	-1.4993+0.5446i	-6.2993-0.4141i	0.9356-0.1882i	-1.4557+0.5390i	5.5440-1.0668i
47.4	-0.5528+0.5005i	--	-0.4742+0.3325i	-1.4548+0.7517i	-5.9675+0.9637i	0.9593-0.3068i	-1.4125+0.7354i	5.1655-2.3071i
47.5	-0.7075+0.5106i	--	-0.4027+0.3313i	-1.2332+0.8608i	-4.4631+1.8265i	0.8988-0.4043i	-1.1999+0.8487i	3.7149-3.1348i
47.6	-0.6586+0.6435i	--	-0.4001+0.2523i	-1.0467+0.6832i	-3.0232+0.9866i	0.7953-0.4123i	-1.0187+0.6798i	2.3453-2.3421i
47.7	-0.5800+0.6663i	--	-0.4209+0.2466i	-1.0997+0.5354i	-3.0692-0.2111i	0.7481-0.4108i	-1.0601+0.5351i	1.9734-1.3171i
47.8	-0.5356+0.6946i	--	-0.4719+0.2491i	-1.3421+0.5509i	-3.7830-0.3257i	0.7385-0.3451i	-1.2918+0.5429i	2.1166-0.7681i
47.9	-0.4061+0.6545i	--	-0.4540+0.3072i	-1.3812+0.6942i	-3.4753-0.1527i	0.7700-0.3482i	-1.3291+0.6751i	2.2523-0.2840i
48.0	-0.3269+0.5617i	--	-0.3966+0.3530i	-1.2993+0.8956i	-3.1980-0.3101i	0.7895-0.4395i	-1.2508+0.8712i	2.4282-0.4719i
48.1	-0.3702+0.4301i	--	-0.2770+0.3913i	-1.0165+0.9172i	-2.8500-0.9201i	0.6483-0.4748i	-0.9701+0.8996i	1.5439-0.3069i
48.2	-0.5395+0.4557i	--	-0.1839+0.2883i	-0.7856+0.7657i	-2.8405-1.7108i	0.5182-0.3497i	-0.7398+0.7527i	1.4652+0.8557i
48.3	-0.5750+0.5597i	--	-0.1956+0.2017i	-0.7617+0.5648i	-3.4720-2.0230i	0.5310-0.2867i	-0.7119+0.5518i	2.0535+1.0919i
48.4	-0.5604+0.6255i	--	-0.2230+0.1345i	-0.7992+0.4768i	-3.9589-1.9631i	0.5329-0.2360i	-0.7434+0.4661i	1.9582+1.0930i
48.5	-0.5863+0.6834i	--	-0.3116+0.1121i	-0.9025+0.4799i	-4.2248-1.6730i	0.5890-0.2026i	-0.8417+0.4699i	2.1967+1.2340i
48.6	-0.4912+0.6650i	--	-0.2843+0.1133i	-0.7976+0.5125i	-3.9976-1.7423i	0.5840-0.2595i	-0.7364+0.4898i	2.2469+1.6249i
48.7	-0.4325+0.6588i	--	-0.3253+0.0823i	-0.8358+0.3709i	-4.5758-2.1583i	0.5611-0.2273i	-0.7671+0.3504i	2.5063+1.8745i
48.8	-0.3773+0.5612i	--	-0.4018+0.1965i	-0.8518+0.4537i	-5.1627-1.1213i	0.5687-0.2129i	-0.7763+0.4237i	2.5692+1.5313i
48.9	-0.4073+0.4732i	--	-0.2908+0.2642i	-0.7137+0.3918i	-4.6355-0.5811i	0.5552-0.2062i	-0.6400+0.3562i	2.3724+1.6806i
49.0	-0.5120+0.5488i	--	-0.2420+0.1091i	-0.9647+0.1758i	-4.2837-1.3338i	0.6340-0.1527i	-0.8863+0.1398i	2.7381+2.1991i
49.1	-0.5110+0.6280i	--	-0.2362+0.0573i	-0.9610+0.2830i	-4.0016-1.7341i	0.6062-0.1846i	-0.8846+0.2407i	2.5506+2.5489i
49.2	-0.4381+0.6634i	--	-0.2737-0.0071i	-1.0121+0.1678i	-4.7009-2.3186i	0.6036-0.1219i	-0.9324+0.1221i	3.1934+3.1039i
49.3	-0.3785+0.6237i	--	-0.2949-0.0082i	-1.0612+0.2585i	-5.3531-1.9736i	0.6511-0.1140i	-0.9721+0.1990i	3.7698+3.0633i
49.4	-0.3741+0.6128i	--	-0.3086-0.0415i	-0.9041+0.2815i	-5.4881-1.6862i	0.6851-0.1218i	-0.8220+0.2086i	4.5211+2.9740i
49.5	-0.4177+0.5913i	--	-0.3265-0.0683i	-0.8693+0.0256i	-5.0163-1.7549i	0.6345-0.0919i	-0.7944-0.0397i	4.3208+3.0153i
49.6	-0.4500+0.6328i	--	-0.3381-0.1482i	-1.1028-0.1078i	-5.6214-2.1084i	0.7203-0.0467i	-1.0255-0.1853i	5.1116+3.4113i
49.7	-0.4012+0.6408i	--	-0.4736-0.1883i	-1.3425+0.0161i	-6.5294-1.3787i	0.8394-0.1093i	-1.2778-0.0769i	6.1989+2.3162i

49.8	-0.2840+0.6455i	--	-0.5808-0.1144i	-1.3705+0.2022i	-6.4294-0.6707i	0.8427-0.2209i	-1.3218+0.1111i	6.0503+1.3518i
49.9	-0.3095+0.5564i	--	-0.5462+0.0242i	-1.0886+0.2283i	-5.3266-0.3409i	0.7015-0.2960i	-1.0422+0.1547i	4.5235+0.8033i
50.0	-0.3982+0.6028i	--	-0.4940-0.0381i	-1.1920-0.0798i	-5.3933-1.5514i	0.6634-0.1533i	-1.1297-0.1544i	4.3336+2.0108i
50.1	-0.3019+0.5943i	--	-0.5529-0.0486i	-1.4222+0.0242i	-6.3524-1.1691i	0.7364-0.1165i	-1.3593-0.0699i	5.2462+2.1229i
50.2	-0.2497+0.5920i	--	-0.5457-0.0460i	-1.4815+0.0172i	-6.4644-0.8027i	0.7835-0.0955i	-1.4189-0.0834i	5.6142+2.0738i
50.3	-0.2914+0.6028i	--	-0.6110-0.0777i	-1.6536+0.0744i	-6.7453-0.4023i	0.8596-0.1556i	-1.6041-0.0375i	6.2449+1.6838i
50.4	-0.3167+0.6088i	--	-0.6619-0.0507i	-1.7689+0.1298i	-6.6721-0.1175i	0.9035-0.1778i	-1.7258+0.0161i	6.2916+1.4888i
50.5	-0.1908+0.6534i	--	-0.7429+0.0154i	-2.0411+0.3258i	-6.7468+0.2537i	1.0050-0.2325i	-2.0176+0.2047i	6.8749+0.8165i
50.6	-0.1481+0.5142i	--	-0.7245+0.1445i	-1.9882+0.7556i	-6.1345+0.7897i	0.9865-0.3881i	-1.9851+0.6386i	6.3637-0.1595i
50.7	-0.1540+0.4520i	--	-0.5304+0.1880i	-1.3438+0.9294i	-4.9315+0.3653i	0.7161-0.4428i	-1.3439+0.8307i	4.9881+0.0114i
50.8	-0.1584+0.4823i	--	-0.4948+0.0608i	-1.1025+0.6249i	-5.2646-0.6812i	0.6450-0.3238i	-1.0991+0.5306i	5.2671+0.9179i
50.9	-0.1641+0.4471i	--	-0.6517+0.0298i	-1.3202+0.4722i	-6.4787-0.3471i	0.7250-0.2898i	-1.3231+0.3763i	6.0550+0.5090i
51.0	-0.2336+0.3561i	--	-0.6239+0.1044i	-1.3050+0.5140i	-6.1026+0.2291i	0.6921-0.3138i	-1.2987+0.4196i	5.2883+0.3333i
51.1	-0.2705+0.4311i	--	-0.6137+0.0273i	-1.3399+0.3249i	-6.3720-0.1593i	0.7050-0.2094i	-1.3276+0.2227i	5.6021+0.9320i
51.2	-0.2289+0.4967i	--	-0.7117+0.0628i	-1.3691+0.2819i	-6.6958+0.5194i	0.7458-0.2192i	-1.3738+0.1865i	6.0897+0.2056i
51.3	-0.2842+0.4334i	--	-0.6375+0.1070i	-1.2727+0.1223i	-5.8008+0.0512i	0.6664-0.2072i	-1.2654+0.0324i	5.1706+0.6246i
51.4	-0.3260+0.5425i	--	-0.6204-0.0393i	-1.5818-0.2433i	-6.7235-1.1329i	0.7181-0.0395i	-1.5656-0.3540i	5.9601+1.9963i
51.5	-0.2791+0.5407i	--	-0.7749-0.0482i	-2.0157-0.0416i	-8.0337-0.3212i	0.9150-0.0412i	-2.0142-0.1633i	7.4078+1.3822i
51.6	-0.2815+0.4930i	--	-0.9030+0.0011i	-2.3012+0.1875i	-8.5993+0.6059i	1.0555-0.1236i	-2.3154+0.0646i	8.1707+0.4108i
51.7	-0.2372+0.4710i	--	-1.0036+0.1364i	-2.4921+0.5661i	-8.6067+1.8555i	1.1361-0.2549i	-2.5325+0.4526i	8.2472-0.9250i
51.8	-0.2632+0.5189i	--	-1.0193+0.3219i	-2.4052+1.0380i	-8.0765+3.0289i	1.1016-0.4283i	-2.4506+0.9404i	7.5607-2.1278i
51.9	-0.3180+0.4440i	--	-0.9060+0.4119i	-2.0471+1.1822i	-7.4564+3.0302i	0.9858-0.4474i	-2.0721+1.0811i	6.5045-1.6308i
52.0	-0.3598+0.4632i	--	-0.7981+0.3088i	-1.8784+0.9372i	-6.9846+2.2694i	0.9868-0.3610i	-1.9156+0.8269i	6.9617-0.6712i
52.1	-0.2918+0.6052i	--	-0.8734+0.3194i	-1.9941+0.9474i	-7.3606+2.4828i	1.0442-0.4042i	-2.0443+0.8483i	7.5288-1.4216i
52.2	-0.1565+0.5544i	--	-0.9080+0.4178i	-2.0505+1.1073i	-7.5723+3.2966i	1.0524-0.4867i	-2.0989+1.0117i	7.2629-2.2979i
52.3	-0.1737+0.4033i	--	-0.8870+0.4834i	-2.0351+1.2890i	-7.0989+3.9276i	1.0554-0.5672i	-2.0854+1.1983i	6.8189-2.5842i
52.4	-0.2610+0.3787i	--	-0.7396+0.4888i	-1.7759+1.2580i	-5.9402+3.7076i	0.9744-0.5704i	-1.8261+1.1741i	6.0923-2.2671i
52.5	-0.2014+0.3032i	--	-0.7509+0.4374i	-1.8701+1.2096i	-6.2639+3.4464i	1.0083-0.5666i	-1.9294+1.1273i	6.6795-2.3324i
52.6	-0.2209+0.2249i	--	-0.7458+0.5285i	-1.7520+1.4253i	-5.9862+4.5372i	0.9672-0.6779i	-1.8185+1.3603i	6.3105-3.6030i
52.7	-0.3549+0.2214i	--	-0.6573+0.5140i	-1.5866+1.2501i	-5.0171+4.1418i	0.8786-0.6452i	-1.6433+1.1940i	5.2686-3.0704i
52.8	-0.5272+0.3620i	--	-0.6725+0.3677i	-1.7786+1.0790i	-5.0384+2.8114i	0.8901-0.5601i	-1.8291+1.0124i	5.4102-1.7963i
52.9	-0.4441+0.5070i	--	-0.7861+0.2919i	-1.8897+0.9884i	-6.1677+2.4565i	0.9302-0.4788i	-1.9535+0.9172i	6.7045-1.6402i
53.0	-0.5206+0.5529i	--	-1.0286+0.4031i	-2.3266+1.2420i	-7.3123+4.1601i	1.1389-0.5818i	-2.4009+1.1828i	7.8046-3.6355i
53.1	-0.5431+0.6002i	--	-1.0177+0.5288i	-2.2724+1.5257i	-6.6158+4.5837i	1.1099-0.7203i	-2.3412+1.4778i	6.8661-4.2786i
53.2	-0.5133+0.7241i	--	-1.0160+0.7094i	-2.2354+1.9167i	-6.3207+5.1216i	1.1002-0.8676i	-2.2953+1.8715i	6.2131-4.5618i
53.3	-0.2361+0.8154i	--	-0.8372+0.8874i	-1.8506+2.2189i	-5.3583+5.9159i	0.9731-1.0045i	-1.9098+2.1726i	5.3470-5.0204i
53.4	-0.2753+0.5479i	--	-0.6293+0.8697i	-1.2672+2.1709i	-4.1109+5.5094i	0.7026-1.0343i	-1.3254+2.1383i	4.1252-4.7959i
53.5	-0.4036+0.4192i	--	-0.5705+0.6645i	-1.2545+1.5657i	-3.7952+4.2043i	0.6438-0.7839i	-1.3016+1.5331i	3.9208-3.4388i
53.6	-0.4973+0.7233i	--	-0.7608+0.6237i	-1.8610+1.5337i	-4.8535+4.1635i	0.8766-0.7130i	-1.9045+1.4913i	5.0153-3.4161i
53.7	-0.3476+0.7533i	--	-0.7304+0.8378i	-1.7098+2.1473i	-4.3827+4.9443i	0.8626-0.9375i	-1.7541+2.1089i	4.3573-4.3116i
53.8	-0.1669+0.5812i	--	-0.5618+0.7676i	-1.2374+1.9442i	-3.9650+3.8619i	0.6535-0.8621i	-1.2781+1.9086i	3.8867-3.2499i
53.9	-0.3347+0.5949i	--	-0.7583+0.7585i	-1.7059+1.9190i	-5.6610+4.6940i	0.8662-0.8401i	-1.7527+1.8771i	5.3605-3.7905i
54.0	-0.3783+0.6084i	--	-0.7155+0.9170i	-1.5895+2.2813i	-4.9922+6.2186i	0.8323-0.9809i	-1.6452+2.2388i	4.8489-4.9624i
54.1	-0.3414+0.6576i	--	-0.5910+0.9920i	-1.2695+2.4135i	-3.5134+6.6013i	0.6859-1.0325i	-1.3264+2.3842i	3.7516-5.4250i
54.2	-0.2811+0.8085i	--	-0.4590+0.9921i	-0.9615+2.3788i	-2.6908+5.9627i	0.5728-1.0310i	-1.0148+2.3481i	3.1007-4.7967i
54.3	-0.3006+0.8078i	--	-0.5123+0.8840i	-1.1072+2.1375i	-3.2930+5.3184i	0.6640-0.9361i	-1.1657+2.1061i	3.9121-4.3919i
54.4	-0.3218+0.8429i	--	-0.5862+1.0097i	-1.2543+2.4588i	-3.4358+6.0259i	0.7245-1.0892i	-1.3103+2.4364i	3.8661-5.2670i
54.5	-0.1853+0.9008i	--	-0.4005+1.1141i	-0.8634+2.6572i	-2.3621+6.3445i	0.5730-1.1862i	-0.9085+2.6407i	2.5909-5.4841i
54.6	-0.1584+0.8687i	--	-0.2841+1.0869i	-0.6157+2.5583i	-1.7223+6.0278i	0.4755-1.1367i	-0.6558+2.5392i	1.9597-5.2029i
54.7	-0.1330+0.8034i	--	-0.1581+0.9947i	-0.3636+2.3459i	-1.2799+5.1792i	0.3733-1.0559i	-0.3982+2.3193i	1.5960-4.3375i
54.8	-0.0820+0.6862i	--	-0.1622+0.8238i	-0.4101+2.0041i	-1.6783+4.2381i	0.3920-0.9244i	-0.4488+1.9785i	2.1327-3.5892i
54.9	0.1336+0.7477i	--	-0.2515+0.8197i	-0.6423+1.9733i	-2.3196+4.7929i	0.4843-0.9140i	-0.6771+1.9544i	2.5904-4.1768i
55.0	0.0424+0.8595i	--	-0.2271+0.9610i	-0.5966+2.3309i	-2.0269+5.8694i	0.4930-1.1052i	-0.6287+2.3087i	2.2396-4.9340i
55.1	-0.0546+0.7647i	--	-0.1731+0.9643i	-0.4679+2.4302i	-1.6008+5.8138i	0.4298-1.1800i	-0.5012+2.4006i	1.9825-4.7564i
55.2	-0.1200+0.7114i	--	-0.1597+0.9499i	-0.3815+2.4439i	-1.3703+5.6254i	0.3712-1.1890i	-0.4200+2.4172i	1.8451-4.7741i
55.3	-0.0647+0.6415i	--	-0.0816+0.9102i	-0.1380+2.3280i	-0.7312+5.3206i	0.2511-1.1464i	-0.1719+2.3067i	1.0841-4.5140i
55.4	0.1614+0.6285i	--	0.0052+0.8102i	0.0240+2.0425i	-0.2329+4.7611i	0.1550-1.0541i	-0.0065+2.0211i	0.6396-3.9598i
55.5	0.0169+0.6133i	--	-0.0440+0.7365i	-0.1022+1.8695i	-0.6801+4.2036i	0.1821-0.9788i	-0.1349+1.8491i	1.0536-3.4367i
55.6	-0.0413+0.6606i	--	-0.1273+0.8074i	-0.3020+2.0840i	-1.2122+4.7530i	0.2645-1.0186i	-0.3387+2.0636i	1.5636-3.9485i
55.7	0.1051+0.5569i	--	-0.0740+0.8537i	-0.1223+2.2178i	-0.5442+5.0255i	0.1903-1.0846i	-0.1598+2.1916i	1.0316-4.0890i
55.8	0.1463+0.6332i	--	0.0005+0.8347i	0.0893+2.1238i	-0.0814+4.7945i	0.0903-1.0642i	0.0510+2.0980i	0.6697-3.8146i
55.9	-0.0443+0.6000i	--	0.0889+0.7670i	0.3022+1.9444i	0.2635+4.3314i	0.0076-0.9929i	0.2632+1.9254i	0.3263-3.5277i
56.0	-0.0471+0.4794i	--	0.0491+0.6604i	0.1891+1.6708i	0.1306+3.6205i	0.0335-0.8757i	0.1575+1.6479i	0.4406-2.8936i

56.1	0.0230+0.6598i	--	-0.1076+0.6787i	-0.2499+1.7362i	-0.7971+3.8562i	0.1912-0.8731i	-0.2808+1.7111i	1.3410-3.1247i
56.2	-0.0679+0.5566i	--	-0.0791+0.7604i	-0.1441+2.0126i	-0.5857+4.3571i	0.1534-0.9768i	-0.1803+1.9894i	1.1468-3.6353i
56.3	-0.0998+0.4743i	--	0.0386+0.7893i	0.1943+2.0544i	0.1036+4.2724i	0.0235-0.9964i	0.1581+2.0362i	0.5201-3.6049i
56.4	-0.1635+0.5320i	--	0.0972+0.7457i	0.3371+1.9250i	0.3161+4.0578i	-0.0313-0.9413i	0.3009+1.9092i	0.3496-3.4182i
56.5	-0.0058+0.4932i	--	0.0886+0.6928i	0.3143+1.7902i	0.4081+3.7142i	-0.0361-0.8872i	0.2813+1.7725i	0.2478-3.0769i
56.6	0.1357+0.4637i	--	0.1162+0.6681i	0.3495+1.7205i	0.5703+3.6111i	-0.0603-0.8720i	0.3150+1.7002i	0.1480-2.9192i
56.7	0.1225+0.2948i	--	0.0954+0.6595i	0.2861+1.7121i	0.5136+3.4187i	-0.0378-0.8605i	0.2521+1.6906i	0.2390-2.7725i
56.8	0.0667+0.3646i	--	0.1121+0.6394i	0.3636+1.6136i	0.5803+3.2096i	-0.0667-0.8122i	0.3329+1.5955i	0.1231-2.5853i
56.9	0.0759+0.3351i	--	0.1179+0.6085i	0.3669+1.5579i	0.5903+2.9687i	-0.0740-0.7884i	0.3357+1.5371i	0.1258-2.3484i
57.0	0.0492+0.3431i	--	0.1019+0.5569i	0.3292+1.4298i	0.5639+2.6933i	-0.0659-0.7319i	0.2991+1.4150i	0.1776-2.2139i
57.1	-0.1685+0.5357i	--	0.1138+0.5180i	0.3573+1.3034i	0.4562+2.3315i	-0.0774-0.6811i	0.3298+1.2920i	0.2411-2.0280i
57.2	-0.0286+0.6692i	--	0.0843+0.5032i	0.2244+1.2789i	0.0983+2.2377i	-0.0245-0.6760i	0.1987+1.2675i	0.4470-1.9274i
57.3	0.0308+0.6004i	--	-0.0196+0.5827i	-0.0451+1.4985i	-0.5072+2.8355i	0.0865-0.7358i	-0.0695+1.4850i	0.8678-2.2730i
57.4	-0.0818+0.4684i	--	0.0498+0.6223i	0.1837+1.6241i	-0.0231+3.1244i	-0.0040-0.7896i	0.1554+1.6086i	0.5436-2.4852i
57.5	0.0186+0.6140i	--	0.1105+0.5697i	0.3132+1.4969i	0.3593+2.9679i	-0.0583-0.7474i	0.2875+1.4822i	0.2338-2.3779i
57.6	-0.0452+0.7275i	--	0.1054+0.5360i	0.3351+1.3785i	0.3942+2.7239i	-0.0635-0.7061i	0.3048+1.3624i	0.2474-2.1626i
57.7	0.0632+0.6188i	--	0.1015+0.5412i	0.3082+1.4000i	0.3797+2.6305i	-0.0601-0.7037i	0.2802+1.3828i	0.2705-2.1026i
57.8	0.0243+0.6928i	--	0.1504+0.5278i	0.4339+1.3646i	0.4952+2.5318i	-0.1205-0.6826i	0.4075+1.3491i	0.1776-2.0460i
57.9	-0.0848+0.4670i	--	0.0929+0.5554i	0.3300+1.4260i	0.3533+2.4340i	-0.0810-0.7073i	0.3029+1.4080i	0.3291-1.9492i
58.0	-0.2214+0.7176i	--	0.0915+0.4850i	0.3599+1.2440i	0.3919+2.2112i	-0.0930-0.6235i	0.3324+1.2344i	0.2439-1.8811i
58.1	-0.1751+0.7235i	--	0.1333+0.4390i	0.4441+1.1718i	0.5326+2.1348i	-0.1263-0.5934i	0.4174+1.1630i	0.1316-1.8423i
58.2	0.1089+0.6194i	--	0.0925+0.4221i	0.3395+1.1319i	0.4971+2.0256i	-0.1026-0.5730i	0.3143+1.1192i	0.1683-1.6667i
58.3	0.0799+0.6834i	--	0.1249+0.4169i	0.4020+1.1090i	0.5159+1.9994i	-0.1282-0.5702i	0.3769+1.0971i	0.1450-1.5963i
58.4	-0.0828+0.3246i	--	0.1409+0.4403i	0.4075+1.1904i	0.4970+1.9634i	-0.1292-0.6047i	0.3802+1.1754i	0.2455-1.5040i
58.5	-0.0715+0.3977i	--	0.0805+0.4318i	0.2793+1.1560i	0.3096+1.8488i	-0.0795-0.5786i	0.2500+1.1392i	0.4295-1.4203i
58.6	0.1148+0.6333i	--	0.0945+0.4366i	0.2999+1.1705i	0.1993+1.9704i	-0.0824-0.5888i	0.2717+1.1586i	0.4860-1.5855i
58.7	0.2942+0.6603i	--	0.1080+0.4561i	0.3495+1.2335i	0.2597+2.0782i	-0.1063-0.6279i	0.3226+1.2213i	0.3877-1.6884i
58.8	0.1825+0.6504i	--	0.0517+0.4610i	0.2306+1.2382i	0.1432+1.9471i	-0.0616-0.6135i	0.2047+1.2278i	0.4357-1.5804i
58.9	0.2190+0.6433i	--	0.0630+0.4285i	0.2152+1.1700i	0.1820+1.8411i	-0.0506-0.5731i	0.1929+1.1561i	0.4130-1.4106i
59.0	0.3062+0.5791i	--	0.0764+0.4121i	0.2537+1.1517i	0.2069+1.7923i	-0.0746-0.5628i	0.2311+1.1356i	0.4003-1.3301i
59.1	0.2009+0.5047i	--	0.0903+0.4093i	0.3116+1.1149i	0.2461+1.7365i	-0.0880-0.5474i	0.2854+1.1019i	0.3722-1.3644i
59.2	0.0072+0.4965i	--	0.0912+0.4163i	0.3761+1.1202i	0.2391+1.6659i	-0.1121-0.5315i	0.3478+1.1050i	0.3489-1.3735i
59.3	-0.1172+0.3201i	--	0.1241+0.4379i	0.4322+1.2077i	0.2957+1.7686i	-0.1367-0.5821i	0.3973+1.1929i	0.4246-1.4022i
59.4	0.0568+0.3593i	--	0.0956+0.4528i	0.3178+1.1930i	0.1950+1.7440i	-0.0821-0.5713i	0.2935+1.1757i	0.4177-1.2821i
59.5	0.1716+0.5289i	--	0.0733+0.4025i	0.2849+1.0813i	0.2294+1.5848i	-0.0819-0.5147i	0.2605+1.0680i	0.3506-1.2025i
59.6	0.1374+0.4678i	--	0.0539+0.4082i	0.2535+1.1018i	0.1621+1.5518i	-0.0630-0.5066i	0.2259+1.0890i	0.4357-1.2057i
59.7	0.0866+0.4242i	--	0.0514+0.3933i	0.2183+1.0750i	0.1445+1.5223i	-0.0478-0.4999i	0.1900+1.0638i	0.5039-1.1849i
59.8	-0.0921+0.4808i	--	0.0746+0.4270i	0.2682+1.1957i	0.1134+1.5883i	-0.0575-0.5533i	0.2428+1.1807i	0.5302-1.1868i
59.9	0.0340+0.3053i	--	0.0766+0.4722i	0.2796+1.2920i	0.0969+1.6743i	-0.0617-0.6033i	0.2526+1.2664i	0.5965-1.2068i
60.0	0.2546+0.4460i	--	0.0744+0.4495i	0.2894+1.1625i	0.1223+1.5956i	-0.0700-0.5260i	0.2687+1.1297i	0.5570-1.1343i
60.1	0.1388+0.6768i	--	0.0856+0.3947i	0.3723+1.0589i	0.1429+1.4835i	-0.1055-0.4843i	0.3516+1.0440i	0.4976-1.1541i
60.2	0.1552+0.5929i	--	0.1128+0.3859i	0.4308+1.0684i	0.2276+1.4895i	-0.1231-0.4974i	0.4038+1.0537i	0.4750-1.1158i
60.3	0.1301+0.4208i	--	0.1184+0.3813i	0.4033+1.0917i	0.2353+1.5033i	-0.1177-0.5199i	0.3707+1.0743i	0.5702-1.0912i
60.4	0.0554+0.5352i	--	0.1316+0.3953i	0.4294+1.1547i	0.2371+1.5019i	-0.1316-0.5380i	0.3972+1.1409i	0.5396-1.1616i
60.5	0.2287+0.5239i	--	0.1357+0.3872i	0.4896+1.1121i	0.2167+1.4734i	-0.1509-0.5139i	0.4585+1.0985i	0.4954-1.1135i
60.6	0.2565+0.4756i	--	0.1160+0.3752i	0.4570+1.0653i	0.1968+1.4510i	-0.1409-0.4999i	0.4276+1.0496i	0.5317-1.0618i
60.7	0.2223+0.5872i	--	0.0916+0.3899i	0.4066+1.1051i	0.0918+1.3990i	-0.1161-0.5172i	0.3774+1.0881i	0.5887-1.0582i
60.8	0.1529+0.5889i	--	0.1119+0.3631i	0.4612+1.0675i	0.2221+1.3710i	-0.1509-0.4891i	0.4274+1.0535i	0.5732-1.0819i
60.9	0.3147+0.3914i	--	0.1149+0.3722i	0.4191+1.0456i	0.1552+1.3566i	-0.1075-0.4813i	0.3925+1.0254i	0.6102-0.9558i
61.0	0.4418+0.3690i	--	0.1022+0.3965i	0.3933+1.0931i	0.1094+1.3408i	-0.0935-0.4929i	0.3695+1.0712i	0.5978-0.9336i
61.1	0.2298+0.4595i	--	0.1148+0.3717i	0.4460+1.0937i	0.1926+1.3079i	-0.1341-0.4865i	0.4175+1.0730i	0.6047-0.9756i
61.2	0.1426+0.4306i	--	0.1368+0.3933i	0.5014+1.1351i	0.1946+1.3527i	-0.1516-0.4847i	0.4731+1.1163i	0.5969-1.0212i
61.3	0.1482+0.4011i	--	0.1429+0.3998i	0.4856+1.1316i	0.1293+1.3419i	-0.1248-0.4850i	0.4557+1.1145i	0.6112-0.9697i
61.4	0.2760+0.2967i	--	0.1258+0.3992i	0.5029+1.1247i	0.1277+1.3360i	-0.1339-0.5016i	0.4727+1.1027i	0.6539-0.9818i
61.5	0.1993+0.3702i	--	0.1176+0.3906i	0.5993+1.0640i	0.2174+1.2448i	-0.2046-0.4582i	0.5669+1.0469i	0.6459-1.0137i
61.6	0.1559+0.3271i	--	0.1311+0.3906i	0.5847+1.1166i	0.2006+1.2921i	-0.1822-0.4773i	0.5506+1.0957i	0.6541-0.9567i
61.7	0.1905+0.3526i	--	0.1413+0.3767i	0.5519+1.1114i	0.1524+1.3040i	-0.1454-0.4918i	0.5205+1.0865i	0.6854-0.9230i
61.8	0.2067+0.4344i	--	0.1219+0.3605i	0.5990+1.0685i	0.1735+1.2149i	-0.1963-0.4625i	0.5653+1.0477i	0.7185-0.9396i
61.9	0.2622+0.3937i	--	0.1403+0.3585i	0.6209+1.0359i	0.2106+1.1685i	-0.2000-0.4361i	0.5869+1.0187i	0.6009-0.9036i
62.0	0.2131+0.2720i	--	0.1490+0.3563i	0.5978+0.9966i	0.1910+1.2329i	-0.1802-0.4257i	0.5608+0.9757i	0.6528-0.8792i
62.1	0.2191+0.2610i	--	0.1348+0.3856i	0.5936+1.0327i	0.1217+1.2442i	-0.1820-0.4405i	0.5577+1.0112i	0.7384-0.9161i
62.2	0.1316+0.3007i	--	0.1345+0.3716i	0.6329+1.0267i	0.1661+1.1693i	-0.2060-0.4262i	0.5921+1.0077i	0.7535-0.9390i
62.3	0.1435+0.3550i	--	0.1474+0.3644i	0.6743+1.0232i	0.1743+1.1392i	-0.2112-0.4138i	0.6362+1.0053i	0.7355-0.9502i

62.4	0.2469+0.3265i	--	0.1468+0.3537i	0.6883+1.0236i	0.1877+1.0864i	-0.2216-0.4216i	0.6481+1.0064i	0.6749-0.9375i
62.5	0.2685+0.2224i	--	0.1299+0.3159i	0.6510+0.9293i	0.1906+1.0307i	-0.2127-0.4012i	0.6106+0.9083i	0.7154-0.8095i
62.6	0.1959+0.2478i	--	0.1454+0.3080i	0.7407+0.8356i	0.2038+1.0383i	-0.2286-0.3628i	0.7015+0.8164i	0.6954-0.8542i
62.7	0.1635+0.2112i	--	0.1439+0.3222i	0.7503+0.8676i	0.1614+1.0473i	-0.2226-0.3751i	0.7112+0.8508i	0.7159-0.8644i
62.8	0.2821+0.2582i	--	0.1521+0.2997i	0.6715+0.8217i	0.1451+1.0014i	-0.1776-0.3369i	0.6353+0.8038i	0.6810-0.7638i
62.9	0.2563+0.2586i	--	0.1744+0.3079i	0.7392+0.8264i	0.1614+1.0287i	-0.1922-0.3286i	0.7028+0.8105i	0.6500-0.8107i
63.0	0.2004+0.1953i	--	0.1654+0.3014i	0.7258+0.8048i	0.1369+1.0202i	-0.1766-0.3321i	0.6896+0.7865i	0.7037-0.7909i
63.1	0.1202+0.2356i	--	0.1839+0.3208i	0.7548+0.8674i	0.1797+1.0070i	-0.2035-0.3362i	0.7115+0.8548i	0.6959-0.8982i
63.2	0.1283+0.2493i	--	0.1876+0.3241i	0.7860+0.8352i	0.1737+0.9775i	-0.2193-0.3045i	0.7403+0.8296i	0.7285-0.9380i
63.3	0.2165+0.2130i	--	0.1774+0.2793i	0.7738+0.6803i	0.1883+0.9562i	-0.2161-0.2560i	0.7296+0.6729i	0.7341-0.9125i
63.4	0.1292+0.1678i	--	0.1752+0.2961i	0.7785+0.7861i	0.1211+1.0027i	-0.1961-0.2954i	0.7344+0.7709i	0.8150-0.8441i
63.5	0.1024+0.2313i	--	0.1720+0.2767i	0.7460+0.7693i	0.1752+0.9208i	-0.1770-0.2841i	0.7082+0.7605i	0.7028-0.8057i
63.6	0.0883+0.2589i	--	0.1832+0.2566i	0.7704+0.6781i	0.1940+0.9545i	-0.1708-0.2717i	0.7258+0.6700i	0.7518-0.8388i
63.7	0.0486+0.1742i	--	0.1859+0.2943i	0.7768+0.7220i	0.1368+0.9669i	-0.1761-0.2690i	0.7266+0.7085i	0.8625-0.8310i
63.8	0.0802+0.1752i	--	0.1845+0.2754i	0.7878+0.6491i	0.2054+0.8938i	-0.1828-0.2372i	0.7399+0.6406i	0.7796-0.8272i
63.9	0.0943+0.1990i	--	0.1708+0.2733i	0.7786+0.7153i	0.1448+0.8943i	-0.1690-0.2637i	0.7347+0.7064i	0.8237-0.8031i
64.0	0.0967+0.2539i	--	0.1831+0.2732i	0.7962+0.6799i	0.0670+0.9354i	-0.1391-0.2538i	0.7553+0.6699i	0.8454-0.8475i
64.1	0.1195+0.2450i	--	0.1856+0.2511i	0.7823+0.6061i	0.1180+0.8930i	-0.1378-0.2303i	0.7453+0.6019i	0.7151-0.8591i
64.2	0.1114+0.2660i	--	0.1807+0.2232i	0.8303+0.5299i	0.1566+0.8074i	-0.1729-0.2252i	0.7902+0.5294i	0.7275-0.7918i
64.3	0.0839+0.2631i	--	0.1940+0.2014i	0.8965+0.4044i	0.1729+0.8239i	-0.1822-0.2011i	0.8535+0.4031i	0.7681-0.8331i
64.4	0.1191+0.2027i	--	0.1722+0.2118i	0.8097+0.4702i	0.1290+0.8717i	-0.1355-0.2225i	0.7686+0.4631i	0.7831-0.8048i
64.5	0.0690+0.2637i	--	0.1815+0.1913i	0.7701+0.3829i	0.1338+0.8127i	-0.1196-0.1798i	0.7247+0.3815i	0.8100-0.8005i
64.6	0.0224+0.2759i	--	0.1772+0.1997i	0.7643+0.3412i	0.1402+0.8111i	-0.1101-0.1568i	0.7214+0.3430i	0.7875-0.8044i
64.7	0.0439+0.2341i	--	0.1783+0.2088i	0.7850+0.3877i	0.1306+0.8553i	-0.1039-0.1892i	0.7456+0.3838i	0.7874-0.8151i
64.8	0.0835+0.2863i	--	0.1686+0.2026i	0.7667+0.4180i	0.1125+0.8994i	-0.1025-0.2202i	0.7268+0.4172i	0.7988-0.8992i
64.9	0.0278+0.2441i	--	0.1720+0.2027i	0.7459+0.4181i	0.1394+0.8814i	-0.0995-0.2104i	0.7034+0.4196i	0.8002-0.8607i
65.0	0.0860+0.2108i	--	0.1638+0.1986i	0.7577+0.3492i	0.1281+0.8660i	-0.0994-0.1842i	0.7159+0.3495i	0.7631-0.8144i
65.1	0.0936+0.2070i	--	0.1610+0.2073i	0.7208+0.3302i	0.1532+0.9355i	-0.0801-0.1917i	0.6787+0.3279i	0.7610-0.8746i
65.2	0.0527+0.1839i	--	0.1863+0.2117i	0.7199+0.4945i	0.1996+0.9394i	-0.0755-0.2454i	0.6758+0.4880i	0.7626-0.8451i
65.3	0.0668+0.2484i	--	0.1718+0.1817i	0.6372+0.3440i	0.1545+0.8304i	-0.0538-0.1878i	0.5964+0.3391i	0.7516-0.7532i
65.4	0.0367+0.2801i	--	0.1558+0.1631i	0.6940+0.3490i	0.1949+0.7399i	-0.0686-0.1786i	0.6548+0.3488i	0.6985-0.7135i
65.5	0.0428+0.2557i	--	0.1479+0.1634i	0.6768+0.3581i	0.1817+0.7388i	-0.0505-0.2085i	0.6410+0.3554i	0.6854-0.7538i
65.6	0.0973+0.2332i	--	0.1381+0.1673i	0.6340+0.2588i	0.1616+0.7779i	-0.0581-0.1791i	0.5989+0.2562i	0.7180-0.7509i
65.7	0.1049+0.2786i	--	0.1173+0.1533i	0.6027+0.1827i	0.1520+0.7134i	-0.0451-0.1490i	0.5661+0.1834i	0.7076-0.7112i
65.8	0.1051+0.2574i	--	0.1404+0.1599i	0.7734+0.2071i	0.2065+0.6882i	-0.0755-0.1556i	0.7298+0.2120i	0.6845-0.6844i
65.9	0.0538+0.2902i	--	0.1583+0.1499i	0.7588+0.2006i	0.2278+0.7727i	-0.0788-0.1822i	0.7166+0.2009i	0.6903-0.7931i
66.0	0.0537+0.3394i	--	0.1311+0.1227i	0.6936+0.0768i	0.1681+0.6572i	-0.0474-0.1396i	0.6581+0.0824i	0.6753-0.7493i
66.1	0.0761+0.2937i	--	0.1360+0.1273i	0.6645+0.0312i	0.1786+0.6678i	-0.0460-0.1287i	0.6341+0.0354i	0.6282-0.6834i
66.2	0.0391+0.2761i	--	0.1385+0.1295i	0.6815+0.0525i	0.2036+0.6814i	-0.0605-0.1487i	0.6461+0.0552i	0.6617-0.7145i
66.3	0.0494+0.2735i	--	0.1320+0.1429i	0.6608+0.0624i	0.1708+0.6776i	-0.0482-0.1498i	0.6230+0.0620i	0.7065-0.6768i
66.4	0.0297+0.2853i	--	0.1197+0.1203i	0.5662-0.0265i	0.1880+0.6055i	-0.0310-0.1130i	0.5292-0.0280i	0.6899-0.6370i
66.5	0.0192+0.2781i	--	0.1151+0.1173i	0.5564+0.0770i	0.1658+0.6325i	-0.0384-0.1364i	0.5229+0.0764i	0.6725-0.6162i
66.6	0.0120+0.2949i	--	0.1208+0.1156i	0.5726-0.0023i	0.2036+0.5661i	-0.0509-0.1214i	0.5390+0.0003i	0.6473-0.5911i
66.7	0.0546+0.2528i	--	0.1248+0.1089i	0.5341-0.1158i	0.2563+0.5461i	-0.0624-0.0996i	0.4995-0.1169i	0.6251-0.5824i
66.8	0.0125+0.2559i	--	0.1077+0.0877i	0.4352-0.1038i	0.2589+0.5393i	-0.0254-0.0919i	0.3922-0.1060i	0.6808-0.5915i
66.9	0.0162+0.3094i	--	0.0963+0.1093i	0.4440-0.0383i	0.1805+0.5018i	-0.0047-0.1011i	0.4054-0.0325i	0.7072-0.5589i
67.0	0.0532+0.3334i	--	0.0956+0.1159i	0.4480-0.0724i	0.1359+0.5515i	-0.0007-0.1116i	0.4153-0.0670i	0.6664-0.5726i
67.1	0.0395+0.4037i	--	0.0786+0.1195i	0.4852-0.0693i	0.1766+0.6040i	-0.0262-0.1415i	0.4489-0.0688i	0.6782-0.6361i
67.2	0.0586+0.3534i	--	0.0718+0.1092i	0.3940-0.1197i	0.2332+0.5532i	-0.0164-0.1179i	0.3575-0.1222i	0.6721-0.5831i
67.3	0.1139+0.3254i	--	0.0735+0.1042i	0.3788-0.1040i	0.3170+0.5071i	-0.0520-0.1121i	0.3395-0.1023i	0.5764-0.5501i
67.4	0.1260+0.3219i	--	0.0678+0.1019i	0.3200-0.1368i	0.3348+0.4672i	-0.0536-0.0930i	0.2815-0.1387i	0.5614-0.5128i
67.5	0.1146+0.3493i	--	0.0506+0.0989i	0.2666-0.1422i	0.3070+0.4211i	-0.0125-0.0874i	0.2314-0.1379i	0.6370-0.4880i
67.6	0.1131+0.3434i	--	0.0607+0.0836i	0.2058-0.1322i	0.2767+0.4220i	0.0209-0.0852i	0.1677-0.1290i	0.7059-0.4723i
67.7	0.1185+0.3753i	--	0.0380+0.0913i	0.1551-0.1006i	0.1787+0.4317i	0.0510-0.0860i	0.1172-0.0975i	0.7098-0.4613i
67.8	0.0993+0.3751i	--	0.0292+0.1052i	0.0934-0.0357i	0.1020+0.4204i	0.1034-0.0918i	0.0567-0.0399i	0.7469-0.4063i
67.9	0.1350+0.3777i	--	0.0283+0.0889i	0.1013-0.1191i	0.1207+0.4290i	0.0934-0.0685i	0.0635-0.1221i	0.7834-0.4318i
68.0	0.1698+0.3417i	--	0.0572+0.1081i	0.2162+0.0130i	0.1461+0.4630i	0.0600-0.1275i	0.1744+0.0121i	0.7707-0.4391i
68.1	0.1784+0.3495i	--	0.0547+0.0982i	0.1958+0.0212i	0.1360+0.4961i	0.0578-0.1444i	0.1553+0.0183i	0.8064-0.4249i
68.2	0.1381+0.3220i	--	0.0205+0.0847i	0.1701+0.0163i	0.2165+0.4230i	0.0421-0.1066i	0.1292+0.0170i	0.7883-0.3695i
68.3	0.1575+0.3164i	--	0.0053+0.1234i	0.1802+0.0114i	0.2179+0.2826i	0.0357-0.0562i	0.1426+0.0121i	0.7615-0.2406i
68.4	0.1622+0.3165i	--	-0.0124+0.1211i	0.1896-0.0205i	0.2612+0.2200i	0.0175-0.0317i	0.1469-0.0140i	0.7640-0.2551i
68.5	0.1131+0.2877i	--	0.0014+0.1149i	0.1180-0.0203i	0.1602+0.3156i	0.0977-0.0591i	0.0776-0.0175i	0.8615-0.2571i
68.6	0.1271+0.2821i	--	0.0225+0.0943i	0.1799-0.0378i	0.1314+0.3261i	0.0890-0.0539i	0.1363-0.0404i	0.9431-0.1996i

68.7	0.1300+0.2632i	--	0.0321+0.1180i	0.2080-0.0199i	0.1240+0.2744i	0.0602-0.0574i	0.1630-0.0198i	0.9364-0.1975i
68.8	0.1404+0.3145i	--	0.0481+0.1565i	0.2743+0.0226i	0.0717+0.2577i	0.0551-0.0827i	0.2293+0.0250i	0.9719-0.2392i
68.9	0.1948+0.2808i	--	0.0465+0.1525i	0.1396+0.0006i	0.0392+0.2401i	0.1066-0.0441i	0.0969+0.0004i	0.9790-0.2100i
69.0	0.1723+0.2142i	--	0.0297+0.1026i	0.1085-0.0188i	0.1157+0.2502i	0.1103-0.0421i	0.0648-0.0133i	0.9381-0.2278i
69.1	0.1820+0.2637i	--	0.0113+0.1243i	0.1382+0.0014i	0.1371+0.2906i	0.1199-0.0634i	0.0925+0.0100i	1.0159-0.2961i
69.2	0.1623+0.2509i	--	0.0237+0.1288i	0.1633+0.0163i	0.1115+0.3053i	0.1154-0.0479i	0.1123+0.0179i	1.0924-0.2524i
69.3	0.1288+0.2453i	--	0.0207+0.1201i	0.1253-0.0107i	0.0687+0.2884i	0.1549-0.0278i	0.0746-0.0142i	1.1404-0.1830i
69.4	0.1319+0.2779i	--	0.0171+0.1115i	0.0846-0.1601i	0.0134+0.2520i	0.1979+0.0094i	0.0393-0.1587i	1.1806-0.2434i
69.5	0.1562+0.2332i	--	-0.0044+0.1141i	0.1123-0.0821i	0.0981+0.2590i	0.1962-0.0097i	0.0681-0.0839i	1.0778-0.1894i
69.6	0.1641+0.2286i	--	-0.0123+0.1180i	0.1552-0.0393i	0.1442+0.2305i	0.1680-0.0371i	0.1080-0.0413i	1.0803-0.1744i
69.7	0.1244+0.2099i	--	-0.0084+0.1132i	0.0973-0.1279i	0.1748+0.2155i	0.1772-0.0008i	0.0493-0.1301i	1.1708-0.2210i
69.8	0.1097+0.1905i	--	-0.0206+0.1045i	0.0270-0.0290i	0.1632+0.2149i	0.2229-0.0212i	-0.0211-0.0276i	1.1608-0.2323i
69.9	0.1199+0.2250i	--	-0.0336+0.1163i	0.0433-0.0084i	0.1386+0.2491i	0.2367-0.0566i	-0.0098-0.0010i	1.2327-0.2821i
70.0	0.1378+0.2060i	--	-0.0089+0.1121i	0.1454-0.0423i	0.1451+0.2413i	0.2056-0.0433i	0.0966-0.0390i	1.2175-0.1698i
70.1	0.0963+0.2098i	--	0.0064+0.0755i	0.0730-0.0879i	0.0667+0.2203i	0.2436-0.0186i	0.0264-0.0858i	1.2736-0.1107i
70.2	0.0386+0.2099i	--	-0.0149+0.0851i	0.0123-0.0932i	0.0464+0.1782i	0.2686-0.0358i	-0.0385-0.0865i	1.3450-0.1810i
70.3	0.0279+0.1470i	--	-0.0597+0.0497i	-0.0665-0.1325i	0.0820+0.1179i	0.2934-0.0111i	-0.1183-0.1294i	1.3151-0.0998i
70.4	0.0356+0.1781i	--	-0.0596+0.0573i	0.0911-0.1539i	0.1056+0.1369i	0.2645+0.0086i	0.0360-0.1577i	1.3520-0.0366i
70.5	0.0558+0.2072i	--	-0.0523+0.0966i	0.0441-0.0466i	0.1585+0.1358i	0.3063-0.0252i	-0.0180-0.0447i	1.4226-0.0732i
70.6	0.0217+0.2103i	--	-0.0663+0.1100i	0.0450+0.0077i	0.1295+0.1158i	0.3106-0.0600i	-0.0227+0.0141i	1.4946-0.0842i
70.7	0.0216+0.2201i	--	-0.0683+0.1194i	0.0261+0.0728i	0.1035+0.1010i	0.2897-0.1186i	-0.0386+0.0844i	1.4755-0.1606i
70.8	0.0208+0.2078i	--	-0.0538+0.0793i	-0.1142-0.1076i	0.0636+0.0759i	0.3584-0.0863i	-0.1758-0.0944i	1.5557-0.2169i
70.9	0.0392+0.2277i	--	-0.0461+0.0666i	-0.0780-0.1680i	-0.0004+0.0608i	0.3491-0.0430i	-0.1388-0.1592i	1.5608-0.1506i
71.0	0.0245+0.2004i	--	-0.0856+0.0887i	0.0628-0.0704i	0.1086+0.0987i	0.3197-0.0828i	-0.0020-0.0563i	1.5306-0.1648i
71.1	-0.0012+0.2313i	--	-0.0763+0.1101i	0.0560-0.0461i	0.1358+0.0706i	0.3354-0.1066i	-0.0087-0.0298i	1.5871-0.1809i
71.2	0.0507+0.2137i	--	-0.0855+0.0888i	-0.0009+0.0409i	0.1069+0.0286i	0.3869-0.1404i	-0.0706+0.0560i	1.6774-0.2010i
71.3	0.0307+0.2456i	--	-0.0656+0.0958i	-0.0103-0.0553i	0.0817-0.0136i	0.3869-0.0930i	-0.0770-0.0406i	1.7517-0.1570i
71.4	-0.0391+0.2252i	--	-0.1133+0.0817i	-0.0811-0.0988i	0.0766-0.0166i	0.4287-0.0564i	-0.1499-0.0771i	1.7521-0.1686i
71.5	-0.0339+0.2323i	--	-0.0876+0.0911i	0.0123-0.2151i	0.0792-0.1090i	0.3995-0.0224i	-0.0541-0.1869i	1.7108-0.1462i
71.6	-0.0324+0.2147i	--	-0.0986+0.0558i	-0.0276-0.2249i	0.0723-0.0442i	0.4123-0.0513i	-0.0973-0.1972i	1.7815-0.2256i
71.7	-0.0391+0.2174i	--	-0.0930+0.1188i	-0.1708-0.1556i	0.1207-0.0977i	0.4578-0.0576i	-0.2461-0.1298i	1.8714-0.1350i
71.8	-0.0661+0.2355i	--	-0.1952+0.1588i	-0.2610-0.1277i	0.0448-0.0885i	0.5030-0.0867i	-0.3329-0.1031i	1.8374-0.1206i
71.9	-0.0960+0.2513i	--	-0.2265+0.1483i	-0.3266-0.1777i	0.0057-0.1407i	0.5238-0.1289i	-0.3975-0.1515i	1.9000-0.1981i
72.0	-0.0925+0.2406i	--	-0.2065+0.0748i	-0.3603-0.3375i	-0.0211-0.2419i	0.5598-0.0678i	-0.4318-0.3042i	2.0006-0.1805i
72.1	-0.1372+0.2408i	--	-0.2189+0.0998i	-0.4242-0.2464i	0.0264-0.2765i	0.5739-0.1024i	-0.4963-0.2080i	1.9952-0.2012i
72.2	-0.1363+0.2291i	--	-0.2462+0.0990i	-0.4528-0.3436i	0.0054-0.2407i	0.5843-0.0626i	-0.5263-0.3040i	2.0464-0.1709i
72.3	-0.1334+0.2505i	--	-0.2559+0.1196i	-0.4155-0.4056i	0.0105-0.2284i	0.6022-0.0633i	-0.4946-0.3672i	2.1562-0.2530i
72.4	-0.1367+0.2690i	--	-0.2907+0.1372i	-0.4898-0.3748i	-0.0058-0.2160i	0.6160-0.0873i	-0.5700-0.3399i	2.1555-0.2594i
72.5	-0.1418+0.2678i	--	-0.2518+0.1297i	-0.4513-0.3496i	-0.0082-0.2474i	0.6202-0.0956i	-0.5323-0.3132i	2.2190-0.2661i
72.6	-0.1851+0.3133i	--	-0.3564+0.1470i	-0.7106-0.3868i	-0.0798-0.3235i	0.7384-0.1647i	-0.7867-0.3324i	2.3043-0.4418i
72.7	-0.2019+0.3279i	--	-0.3350+0.0967i	-0.7919-0.3982i	-0.1282-0.3342i	0.8130-0.1876i	-0.8720-0.3368i	2.5082-0.5699i
72.8	-0.1929+0.3212i	--	-0.3896+0.1809i	-0.8760-0.2978i	-0.0550-0.2309i	0.8356-0.2082i	-0.9531-0.2460i	2.4580-0.4907i
72.9	-0.2453+0.3360i	--	-0.4301+0.2127i	-0.9709-0.2221i	-0.1028-0.1980i	0.8710-0.2435i	-1.0464-0.1724i	2.4797-0.5065i
73.0	-0.2486+0.4004i	--	-0.4242+0.2490i	-0.9188-0.2167i	-0.0670-0.2701i	0.8496-0.2870i	-0.9982-0.1610i	2.5333-0.5895i
73.1	-0.2577+0.4538i	--	-0.4572+0.3032i	-1.0640-0.2244i	-0.1223-0.3356i	0.8987-0.2951i	-1.1407-0.1674i	2.6107-0.5428i
73.2	-0.2760+0.4580i	--	-0.4411+0.2591i	-1.1087-0.2760i	-0.2165-0.3062i	0.9488-0.2843i	-1.1829-0.2200i	2.7524-0.6281i
73.3	-0.2838+0.4560i	--	-0.4212+0.2286i	-1.1744-0.2382i	-0.1977-0.3006i	0.9668-0.2855i	-1.2459-0.1835i	2.7444-0.6104i
73.4	-0.2353+0.5030i	--	-0.4124+0.2699i	-1.2927-0.1437i	-0.3034-0.3179i	0.9674-0.3487i	-1.3494-0.0808i	2.6945-0.8245i
73.5	-0.1785+0.5271i	--	-0.3187+0.2969i	-1.2891-0.1790i	-0.2381-0.4275i	0.9762-0.3438i	-1.3609-0.1046i	2.9061-0.8772i
73.6	-0.1479+0.5369i	--	-0.3491+0.3653i	-1.3180-0.0486i	-0.2007-0.4141i	1.0043-0.4243i	-1.3935+0.0216i	2.9026-0.8953i
73.7	-0.0859+0.5678i	--	-0.3229+0.4284i	-1.3127+0.1320i	-0.2155-0.4132i	0.9706-0.5220i	-1.3841+0.2089i	2.8466-1.0610i
73.8	-0.1148+0.5609i	--	-0.3236+0.4498i	-1.4128+0.1307i	-0.1431-0.4324i	1.0340-0.5297i	-1.4973+0.2063i	3.0310-1.0290i
73.9	-0.1428+0.6283i	--	-0.3954+0.5469i	-1.5759+0.3136i	-0.1391-0.3964i	1.1219-0.6629i	-1.6640+0.3846i	3.1934-1.1019i
74.0	-0.1983+0.6750i	--	-0.4102+0.4938i	-1.7063+0.3115i	-0.2551-0.3563i	1.1592-0.6682i	-1.7875+0.3806i	3.2402-1.1904i
74.1	-0.1805+0.6791i	--	-0.4041+0.5207i	-1.7662+0.5412i	-0.1941-0.3553i	1.1812-0.8009i	-1.8474+0.6209i	3.2389-1.4895i
74.2	-0.1225+0.7864i	--	-0.3975+0.6637i	-1.6369+0.7974i	-0.1007-0.3854i	1.0786-0.9681i	-1.7265+0.8840i	3.2048-1.6407i
74.3	-0.1026+0.7441i	--	-0.3563+0.6119i	-1.6063+0.7367i	-0.0830-0.4301i	1.0687-0.9378i	-1.6965+0.8323i	3.2179-1.7136i
74.4	-0.1497+0.7383i	--	-0.3808+0.5975i	-1.7441+0.8616i	-0.1027-0.4839i	1.1762-1.0327i	-1.8351+0.9650i	3.3438-1.8793i
74.5	-0.0668+0.7933i	--	-0.3514+0.6099i	-1.7128+0.9085i	-0.0927-0.4286i	1.1690-1.0735i	-1.8111+1.0167i	3.4243-2.0561i
74.6	-0.0128+0.8152i	--	-0.2474+0.6601i	-1.5329+1.0099i	-0.1192-0.5075i	1.0561-1.0982i	-1.6275+1.1284i	3.3808-2.1416i
74.7	-0.0138+0.8451i	--	-0.1941+0.6623i	-1.5681+1.0772i	-0.1354-0.5811i	1.0860-1.1403i	-1.6665+1.2000i	3.4764-2.2764i
74.8	-0.0071+0.9026i	--	-0.2387+0.7614i	-1.6067+1.3930i	-0.0362-0.6299i	1.0675-1.3754i	-1.7043+1.5185i	3.3676-2.5159i
74.9	-0.0339+0.8890i	--	-0.2933+0.8023i	-1.7270+1.4300i	0.0313-0.6987i	1.0873-1.3950i	-1.8207+1.5609i	3.2887-2.6064i

75.0	-0.0033+0.8858i	--	-0.2527+0.7461i	-1.6948+1.4287i	-0.1424-0.7606i	1.0413-1.3887i	-1.7751+1.5727i	3.1618-2.7607i
75.1	0.0253+0.9386i	--	-0.2005+0.7450i	-1.5627+1.5810i	-0.2286-0.8855i	0.9423-1.4963i	-1.6331+1.7398i	3.0110-2.9809i
75.2	0.0927+0.9224i	--	-0.2018+0.7530i	-1.5972+1.5709i	-0.0327-0.8832i	0.9831-1.5243i	-1.6753+1.7286i	3.0578-3.1104i
75.3	0.1844+0.9846i	--	-0.1185+0.8062i	-1.4682+1.6798i	-0.1287-0.8691i	0.8844-1.5952i	-1.5390+1.8444i	3.0247-3.2826i
75.4	0.2108+1.0052i	--	-0.1057+0.7689i	-1.4327+1.7658i	-0.0869-0.9388i	0.8460-1.6881i	-1.5051+1.9458i	2.9176-3.4783i
75.5	0.3085+0.9959i	--	0.0038+0.7616i	-1.1875+1.8626i	-0.1149-1.0630i	0.6832-1.7293i	-1.2473+2.0600i	2.7077-3.6754i
75.6	0.3556+1.0397i	--	0.0061+0.7820i	-1.1174+1.9431i	-0.1640-1.1854i	0.6149-1.7690i	-1.1695+2.1493i	2.5947-3.7869i
75.7	0.3604+1.0273i	--	-0.0523+0.7947i	-1.3012+2.0679i	-0.1213-1.3747i	0.6643-1.8584i	-1.3551+2.2843i	2.4980-3.8862i
75.8	0.4374+1.0002i	--	-0.0298+0.8241i	-1.2150+2.2114i	-0.2041-1.4892i	0.5618-1.9364i	-1.2539+2.4381i	2.2483-4.0085i
75.9	0.4648+0.9635i	--	-0.0113+0.7383i	-1.0290+2.1162i	-0.4189-1.4964i	0.4280-1.8595i	-1.0376+2.3374i	1.9120-3.9498i
76.0	0.5035+0.9703i	--	0.0409+0.7567i	-0.9558+2.2308i	-0.5555-1.6641i	0.3650-1.9167i	-0.9492+2.4635i	1.8549-4.0626i
76.1	0.5774+0.9377i	--	0.0555+0.7674i	-0.8797+2.3261i	-0.6107-1.7610i	0.2768-1.9976i	-0.8603+2.5708i	1.6349-4.2935i
76.2	0.6314+0.9375i	--	0.0961+0.7670i	-0.7631+2.4072i	-0.6797-1.8371i	0.2043-2.0570i	-0.7429+2.6583i	1.5303-4.4031i
76.3	0.6206+0.9215i	--	0.0600+0.7703i	-0.7888+2.4514i	-0.8550-1.9981i	0.1738-2.0786i	-0.7564+2.7091i	1.4045-4.3936i
76.4	0.7551+0.8802i	--	0.1192+0.7033i	-0.5023+2.4312i	-1.1252-2.0349i	-0.0503-2.0267i	-0.4391+2.6941i	1.0510-4.3558i
76.5	0.8116+0.8352i	--	0.1485+0.7033i	-0.3431+2.4499i	-1.4332-2.1470i	-0.1406-2.0104i	-0.2518+2.7184i	0.9126-4.3527i
76.6	0.7467+0.8304i	--	0.0878+0.7120i	-0.3686+2.5132i	-1.5935-2.1370i	-0.1428-2.0855i	-0.2579+2.7727i	0.7653-4.2920i
76.7	0.7721+0.7317i	--	0.0562+0.6202i	-0.2813+2.4244i	-1.7939-2.1343i	-0.2547-2.0772i	-0.1514+2.6851i	0.4758-4.3977i
76.8	0.7938+0.7033i	--	0.0029+0.6888i	-0.2791+2.4276i	-2.1059-2.0249i	-0.3661-2.0176i	-0.1147+2.6792i	0.1069-4.2583i
76.9	0.8441+0.7169i	--	0.0224+0.7362i	-0.1947+2.4991i	-2.3060-1.9820i	-0.4809-2.0255i	-0.0052+2.7415i	-0.0869-4.1608i
77.0	0.8151+0.6534i	--	-0.0534+0.7137i	-0.1099+2.4468i	-2.4696-1.8528i	-0.5578-1.9496i	0.0938+2.6663i	-0.3330-3.9117i
77.1	0.8176+0.6510i	--	0.0294+0.7442i	-0.0928+2.5052i	-2.4348-1.9558i	-0.5083-1.9526i	0.0975+2.7322i	-0.0888-3.9403i
77.2	0.8034+0.5900i	--	-0.0659+0.7115i	-0.2510+2.4593i	-2.7848-1.8753i	-0.4492-1.9155i	-0.0248+2.6690i	-0.2804-3.8621i
77.3	0.7815+0.5850i	--	-0.1348+0.7460i	-0.2128+2.5605i	-3.1905-1.6660i	-0.5559-1.9187i	0.0497+2.7451i	-0.6332-3.6897i
77.4	0.7803+0.6197i	--	-0.0441+0.8766i	-0.0726+2.7588i	-3.2910-1.5407i	-0.6155-1.9553i	0.1947+2.9391i	-0.5279-3.6582i
77.5	0.7975+0.5627i	--	0.0282+0.9004i	0.1033+2.6434i	-3.2020-1.2647i	-0.6677-1.8446i	0.3682+2.8052i	-0.5205-3.5242i
77.6	0.8663+0.5570i	--	0.0026+0.9549i	0.2678+2.6731i	-3.6341-0.7901i	-0.8645-1.8248i	0.5734+2.7895i	-0.9978-3.2174i
77.7	0.8251+0.5556i	--	0.0472+1.0554i	0.2717+2.7738i	-3.5798-0.5473i	-0.8822-1.8267i	0.5672+2.8558i	-0.8575-2.9296i
77.8	0.8031+0.5187i	--	0.0214+1.0480i	0.3207+2.7082i	-3.6172-0.4142i	-0.9020-1.7850i	0.6252+2.7716i	-0.9317-2.8301i
77.9	0.8328+0.5063i	--	0.0076+1.1784i	0.4046+2.7947i	-3.8504+0.1375i	-1.0137-1.6924i	0.7320+2.8023i	-1.2068-2.4113i
78.0	0.8623+0.5425i	--	0.0560+1.2517i	0.4886+2.7706i	-3.7589+0.5983i	-1.0303-1.5717i	0.8084+2.7298i	-1.1127-1.9630i
78.1	0.9079+0.4984i	--	0.1650+1.2992i	0.5935+2.7935i	-3.7605+0.9038i	-1.0839-1.5072i	0.9179+2.7238i	-1.0701-1.8237i
78.2	0.9002+0.4004i	--	0.2395+1.2746i	0.6850+2.7181i	-3.4810+1.2338i	-1.1027-1.4077i	0.9790+2.6121i	-0.9547-1.5608i
78.3	0.9076+0.3689i	--	0.3265+1.3410i	0.7860+2.6681i	-2.9994+1.5621i	-1.0845-1.2901i	1.0186+2.5332i	-0.5835-1.2667i
78.4	0.9151+0.3975i	--	0.4633+1.3750i	0.8705+2.6818i	-2.6696+1.6479i	-1.0928-1.2405i	1.0572+2.5462i	-0.1729-1.1942i
78.5	1.0045+0.3694i	--	0.6611+1.3025i	1.0570+2.6734i	-2.3379+1.5028i	-1.0640-1.2455i	1.2135+2.5492i	0.2117-1.3528i
78.6	0.9910+0.3160i	--	0.7105+1.3071i	1.0346+2.6567i	-2.0544+1.4622i	-0.9801-1.2166i	1.1771+2.5303i	0.3958-1.2821i
78.7	0.9967+0.3314i	--	0.7834+1.2483i	1.0939+2.5121i	-1.7082+1.5591i	-0.9234-1.1265i	1.2059+2.3749i	0.6811-1.1818i
78.8	0.9808+0.3203i	--	0.8409+1.2488i	1.0512+2.5492i	-1.1728+1.5629i	-0.8215-1.1407i	1.1040+2.4042i	1.2901-1.1636i
78.9	0.9890+0.2979i	--	0.9417+1.1679i	1.1011+2.6415i	-0.9162+1.1080i	-0.7848-1.2416i	1.1396+2.5283i	1.6284-1.5495i
79.0	0.9480+0.2347i	--	0.8869+1.0954i	1.0856+2.6806i	-1.1753+0.8315i	-0.8292-1.3275i	1.1477+2.5901i	1.6358-1.8066i
79.1	0.8999+0.2076i	--	0.8534+1.1294i	1.1797+2.8615i	-1.6123+0.4399i	-1.0126-1.5021i	1.2566+2.8094i	1.3777-2.4193i
79.2	0.9432+0.1851i	--	1.0145+1.2200i	1.4855+2.9511i	-1.7732+0.4480i	-1.1564-1.4787i	1.5784+2.9151i	1.2075-2.7825i
79.3	0.9791+0.1143i	--	1.1548+1.1340i	1.6967+2.7205i	-1.6291+0.7144i	-1.1930-1.2601i	1.7808+2.6648i	1.1645-2.6557i
79.4	0.9101+0.0526i	--	1.2427+1.0292i	1.8677+2.5749i	-1.3966+0.5829i	-1.1615-1.1380i	1.9489+2.5397i	1.2876-2.7297i
79.5	0.9579-0.0595i	--	1.3513+0.8133i	2.1453+2.3569i	-1.6019+0.4525i	-1.2444-1.0752i	2.2640+2.3197i	0.9163-3.0844i
79.6	0.9518-0.0900i	--	1.3298+0.7729i	2.1024+2.3200i	-1.3414+0.3994i	-1.1921-1.0957i	2.1986+2.2839i	1.0577-3.1660i
79.7	0.9280-0.0481i	--	1.3729+0.7795i	2.0924+2.3844i	-1.3418+0.2099i	-1.1783-1.1808i	2.1922+2.3420i	1.1268-3.3806i
79.8	0.9048-0.0763i	--	1.3171+0.6325i	2.0395+2.2959i	-1.6183+0.0385i	-1.2409-1.2226i	2.1516+2.2275i	0.8035-3.6275i
79.9	0.8693-0.0936i	--	1.3660+0.5836i	2.1654+2.2736i	-1.6746+0.1670i	-1.2942-1.1783i	2.2887+2.1821i	0.6406-3.5449i
80.0	0.9319-0.0382i	--	1.4114+0.5427i	2.3242+2.3037i	-1.8736-0.0143i	-1.3297-1.2087i	2.4648+2.2150i	0.4424-3.8428i

2.1.105 Run 10 – IP270NVP – Accels 17–24

In-plane shaking at 270° with no vertical shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	0.2646+0.0000i	1.0607+0.0000i	--	10.4139+0.0000i	6.7400+0.0000i	8.7455+0.0000i	5.9177+0.0000i	11.0663+0.0000i
0.1	0.5332+0.2518i	0.9274-0.3987i	--	10.2028-0.6514i	6.8909+0.1233i	7.8564-1.9678i	6.0489-0.0701i	10.9731+0.7933i
0.2	-6.0125-5.0733i	-3.2816+4.8632i	--	-11.4222+12.4405i	2.9818+0.4809i	4.8309-9.4037i	-2.5445-5.4354i	9.0184-4.2829i
0.3	-2.1411+0.9365i	-0.7151-0.0448i	--	-0.3752+0.6834i	-1.3572-0.5932i	4.7359-6.4302i	-0.0439+0.4659i	0.3586-0.9821i
0.4	0.4315+0.5815i	-0.0961-0.0587i	--	0.0471-0.5643i	-0.2372+0.0508i	0.7107-0.9481i	-0.1565-0.0244i	0.0675+0.0156i
0.5	0.1140+0.2391i	-0.0319-0.0142i	--	-0.1598-0.1115i	0.0245-0.0867i	0.0634-0.3788i	0.0104-0.0250i	0.0591+0.0116i
0.6	0.0182+0.0186i	0.0361+0.0148i	--	-0.0681+0.0029i	0.0760-0.0199i	-0.0154-0.1366i	0.0190+0.0030i	0.0361+0.0149i
0.7	-0.0098-0.0016i	0.0655+0.0276i	--	-0.0578+0.0320i	0.0681+0.0029i	-0.0148-0.0489i	-0.0022+0.0008i	0.0756+0.0248i
0.8	-0.0027+0.0073i	0.0970+0.0011i	--	-0.0057+0.0222i	0.0725+0.0134i	-0.0220-0.0023i	0.0197-0.0163i	0.0951+0.0095i
0.9	0.0010+0.0155i	0.1204-0.0021i	--	0.0013+0.0024i	0.0749+0.0227i	0.0035+0.0111i	0.0186-0.0102i	0.1149+0.0074i
1.0	0.0037+0.0143i	0.1777-0.0012i	--	0.0041+0.0012i	0.1509+0.0447i	0.0136-0.0041i	0.0117-0.0083i	0.1687+0.0240i
1.1	0.0058+0.0215i	0.2194-0.0162i	--	0.0127+0.0191i	0.1943+0.0415i	0.0049+0.0056i	0.0146-0.0084i	0.2113+0.0215i
1.2	0.0115+0.0357i	0.2702-0.0302i	--	0.0212+0.0275i	0.2566+0.0670i	0.0091-0.0040i	0.0105-0.0186i	0.2676+0.0281i
1.3	0.0169+0.0605i	0.3695-0.0489i	--	0.0408+0.0386i	0.3801+0.1137i	0.0096-0.0012i	0.0065-0.0318i	0.3796+0.0429i
1.4	0.1120+0.0830i	0.4987-0.0494i	--	0.1200+0.0552i	0.7634+0.1678i	0.0146-0.0020i	-0.0369-0.0408i	0.6340+0.0746i
1.5	0.2654-0.1371i	0.7410-0.1663i	--	0.2532-0.1168i	1.3981-0.5393i	0.0197-0.0072i	-0.1055+0.0632i	1.0790-0.3101i
1.6	0.0936-0.3707i	0.8926-0.3591i	--	0.1423-0.3025i	1.0845-1.3461i	0.0193-0.0087i	-0.0245+0.1703i	1.0291-0.7982i
1.7	-0.2346-0.3203i	0.9730-0.5865i	--	-0.0890-0.2851i	0.3030-1.4242i	0.0190-0.0108i	0.1263+0.1449i	0.7126-0.9710i
1.8	-0.3626-0.0795i	1.0211-1.1397i	--	-0.1768-0.1601i	0.0400-1.3638i	0.0222-0.0215i	0.1779+0.0392i	0.6217-1.2525i
1.9	-0.3921+0.1222i	0.8803-1.8326i	--	-0.2118-0.0697i	-0.1581-1.5629i	0.0204-0.0325i	0.1863-0.0353i	0.4633-1.7336i
2.0	-0.1384+0.3382i	-0.5651-1.8751i	--	-0.1516+0.0931i	-1.0367-1.1375i	-0.0061-0.0342i	0.1149-0.0819i	-0.7539-1.5856i
2.1	0.0502+0.3436i	-1.1537-1.4635i	--	-0.0518+0.1334i	-1.2434-0.7552i	-0.0215-0.0319i	0.0892-0.0662i	-1.1855-1.1870i
2.2	0.2076+0.2779i	-1.1719-0.9815i	--	0.0860+0.1263i	-1.0959-0.4462i	-0.0294-0.0249i	0.1483-0.0356i	-1.1323-0.7728i
2.3	0.3739+0.0557i	-1.1012-0.6724i	--	0.2445-0.0521i	-0.9689-0.2425i	-0.0384-0.0044i	0.2708-0.1897i	-1.0340-0.5138i
2.4	0.1082-0.3275i	-1.0330-0.5107i	--	-0.0158-0.4036i	-0.8425-0.1275i	-0.0143+0.0277i	-0.0158-0.5232i	-0.9534-0.3862i
2.5	-0.1837-0.1096i	-0.9316-0.3935i	--	-0.2932-0.1703i	-0.7183-0.0953i	0.0131+0.0112i	-0.3036-0.2667i	-0.8568-0.2908i
2.6	-0.0749+0.0086i	-0.8961-0.3290i	--	-0.1836-0.0454i	-0.6726-0.0841i	0.0064+0.0004i	-0.2041-0.1262i	-0.8111-0.2411i
2.7	-0.0351+0.0402i	-0.8581-0.2876i	--	-0.1416-0.0084i	-0.6318-0.0655i	0.0046-0.0033i	-0.1679-0.0848i	-0.7695-0.2071i
2.8	-0.0092+0.0451i	-0.8147-0.2597i	--	-0.1118+0.0001i	-0.5947-0.0567i	0.0041-0.0029i	-0.1393-0.0706i	-0.7263-0.1858i
2.9	0.0014+0.0407i	-0.7697-0.2170i	--	-0.0960+0.0026i	-0.5617-0.0477i	0.0038-0.0025i	-0.1222-0.0557i	-0.6860-0.1556i
3.0	0.0089+0.0368i	-0.7363-0.1807i	--	-0.0852+0.0047i	-0.5364-0.0383i	0.0043-0.0026i	-0.1107-0.0447i	-0.6554-0.1295i
3.1	0.0147+0.0361i	-0.7114-0.1677i	--	-0.0771+0.0056i	-0.5153-0.0339i	0.0049-0.0021i	-0.1028-0.0414i	-0.6310-0.1207i
3.2	0.0221+0.0373i	-0.6965-0.1631i	--	-0.0693+0.0072i	-0.4954-0.0321i	0.0056-0.0019i	-0.0984-0.0392i	-0.6130-0.1170i
3.3	0.0273+0.0337i	-0.6871-0.1438i	--	-0.0639+0.0069i	-0.4807-0.0299i	0.0054-0.0020i	-0.0965-0.0336i	-0.6009-0.1042i
3.4	0.0294+0.0305i	-0.6657-0.1257i	--	-0.0594+0.0076i	-0.4668-0.0261i	0.0059-0.0025i	-0.0916-0.0278i	-0.5828-0.0915i
3.5	0.0307+0.0296i	-0.6520-0.1179i	--	-0.0573+0.0075i	-0.4573-0.0242i	0.0071-0.0024i	-0.0888-0.0257i	-0.5707-0.0861i
3.6	0.0299+0.0293i	-0.6262-0.1115i	--	-0.0544+0.0081i	-0.4443-0.0213i	0.0086-0.0021i	-0.0825-0.0244i	-0.5491-0.0807i
3.7	0.0319+0.0281i	-0.6208-0.1040i	--	-0.0515+0.0088i	-0.4374-0.0200i	0.0088-0.0023i	-0.0811-0.0218i	-0.5429-0.0753i
3.8	0.0357+0.0274i	-0.6169-0.0990i	--	-0.0485+0.0086i	-0.4262-0.0192i	0.0097-0.0026i	-0.0815-0.0205i	-0.5350-0.0727i
3.9	0.0395+0.0268i	-0.6144-0.0998i	--	-0.0456+0.0078i	-0.4164-0.0224i	0.0109-0.0021i	-0.0823-0.0203i	-0.5297-0.0748i
4.0	0.0402+0.0226i	-0.6109-0.0890i	--	-0.0447+0.0064i	-0.4151-0.0232i	0.0116-0.0015i	-0.0815-0.0175i	-0.5273-0.0688i
4.1	0.0339+0.0250i	-0.5875-0.0852i	--	-0.0470+0.0078i	-0.4113-0.0174i	0.0132-0.0016i	-0.0762-0.0177i	-0.5115-0.0636i
4.2	0.0356+0.0220i	-0.5817-0.0758i	--	-0.0451+0.0073i	-0.4049-0.0183i	0.0146-0.0019i	-0.0752-0.0140i	-0.5038-0.0586i
4.3	0.0384+0.0197i	-0.5817-0.0673i	--	-0.0436+0.0078i	-0.3977-0.0202i	0.0166-0.0019i	-0.0768-0.0099i	-0.5002-0.0538i
4.4	0.0403+0.0221i	-0.5760-0.0696i	--	-0.0418+0.0093i	-0.3938-0.0210i	0.0169-0.0024i	-0.0742-0.0081i	-0.4951-0.0551i
4.5	0.0426+0.0169i	-0.5679-0.0587i	--	-0.0384+0.0058i	-0.3921-0.0202i	0.0169-0.0017i	-0.0691-0.0068i	-0.4892-0.0480i
4.6	0.0418+0.0151i	-0.5618-0.0563i	--	-0.0378+0.0038i	-0.3872-0.0190i	0.0179-0.0012i	-0.0694-0.0088i	-0.4829-0.0467i
4.7	0.0392+0.0127i	-0.5528-0.0511i	--	-0.0380+0.0020i	-0.3830-0.0198i	0.0190-0.0008i	-0.0680-0.0080i	-0.4755-0.0440i
4.8	0.0382+0.0142i	-0.5445-0.0540i	--	-0.0381+0.0038i	-0.3772-0.0200i	0.0204-0.0012i	-0.0681-0.0083i	-0.4674-0.0461i
4.9	0.0392+0.0131i	-0.5405-0.0516i	--	-0.0372+0.0038i	-0.3735-0.0221i	0.0224-0.0010i	-0.0672-0.0072i	-0.4630-0.0449i
5.0	0.0376+0.0111i	-0.5327-0.0486i	--	-0.0370+0.0026i	-0.3709-0.0242i	0.0250-0.0008i	-0.0653-0.0053i	-0.4563-0.0440i
5.1	0.0357+0.0121i	-0.5256-0.0532i	--	-0.0383+0.0021i	-0.3657-0.0272i	0.0257-0.0018i	-0.0641-0.0059i	-0.4496-0.0479i
5.2	0.0347+0.0124i	-0.5191-0.0553i	--	-0.0386+0.0014i	-0.3645-0.0306i	0.0264-0.0026i	-0.0628-0.0059i	-0.4444-0.0506i
5.3	0.0331+0.0116i	-0.5134-0.0578i	--	-0.0387-0.0007i	-0.3640-0.0345i	0.0278-0.0030i	-0.0617-0.0071i	-0.4400-0.0538i
5.4	0.0353+0.0136i	-0.5127-0.0641i	--	-0.0371+0.0007i	-0.3639-0.0397i	0.0294-0.0034i	-0.0593-0.0055i	-0.4395-0.0602i
5.5	0.0351+0.0132i	-0.5126-0.0667i	--	-0.0370+0.0008i	-0.3664-0.0437i	0.0276-0.0037i	-0.0577-0.0038i	-0.4383-0.0641i
5.6	0.0380+0.0125i	-0.5146-0.0744i	--	-0.0352-0.0001i	-0.3667-0.0506i	0.0263-0.0024i	-0.0558-0.0064i	-0.4384-0.0720i

5.7	0.0388+0.0120i	-0.5182-0.0807i	--	-0.0349-0.0014i	-0.3689-0.0554i	0.0279-0.0020i	-0.0561-0.0088i	-0.4425-0.0786i
5.8	0.0382+0.0112i	-0.5250-0.0832i	--	-0.0364-0.0030i	-0.3758-0.0588i	0.0291-0.0026i	-0.0566-0.0107i	-0.4503-0.0820i
5.9	0.0377+0.0106i	-0.5296-0.0808i	--	-0.0370-0.0029i	-0.3804-0.0587i	0.0300-0.0049i	-0.0583-0.0110i	-0.4552-0.0815i
6.0	0.0364+0.0077i	-0.5374-0.0697i	--	-0.0379-0.0043i	-0.3891-0.0502i	0.0316-0.0029i	-0.0589-0.0115i	-0.4607-0.0703i
6.1	0.0357+0.0075i	-0.5381-0.0683i	--	-0.0381-0.0051i	-0.3907-0.0480i	0.0319-0.0011i	-0.0588-0.0112i	-0.4619-0.0680i
6.2	0.0355+0.0077i	-0.5382-0.0665i	--	-0.0391-0.0058i	-0.3900-0.0476i	0.0313-0.0005i	-0.0604-0.0126i	-0.4617-0.0673i
6.3	0.0333+0.0070i	-0.5390-0.0596i	--	-0.0426-0.0061i	-0.3912-0.0418i	0.0344+0.0010i	-0.0634-0.0133i	-0.4614-0.0609i
6.4	0.0306+0.0055i	-0.5377-0.0546i	--	-0.0454-0.0068i	-0.3914-0.0378i	0.0368+0.0050i	-0.0655-0.0135i	-0.4610-0.0560i
6.5	0.0276+0.0048i	-0.5384-0.0548i	--	-0.0466-0.0072i	-0.3937-0.0396i	0.0385+0.0073i	-0.0666-0.0141i	-0.4620-0.0571i
6.6	0.0258+0.0042i	-0.5397-0.0546i	--	-0.0479-0.0061i	-0.3927-0.0410i	0.0404+0.0062i	-0.0673-0.0133i	-0.4611-0.0574i
6.7	0.0196+0.0053i	-0.5369-0.0504i	--	-0.0512-0.0058i	-0.3918-0.0386i	0.0417+0.0041i	-0.0702-0.0115i	-0.4583-0.0538i
6.8	0.0105+0.0054i	-0.5341-0.0463i	--	-0.0546-0.0066i	-0.3913-0.0341i	0.0421+0.0058i	-0.0726-0.0111i	-0.4557-0.0489i
6.9	0.0050+0.0083i	-0.5306-0.0444i	--	-0.0579-0.0061i	-0.3897-0.0336i	0.0415+0.0077i	-0.0743-0.0103i	-0.4526-0.0472i
7.0	-0.0085+0.0249i	-0.5271-0.0460i	--	-0.0666-0.0003i	-0.3863-0.0344i	0.0462+0.0068i	-0.0816-0.0057i	-0.4492-0.0461i
7.1	-0.0249+0.0621i	-0.5252-0.0489i	--	-0.0764+0.0155i	-0.3856-0.0348i	0.0510+0.0095i	-0.0900+0.0047i	-0.4478-0.0454i
7.2	0.0117+0.1047i	-0.5268-0.0520i	--	-0.0628+0.0377i	-0.3853-0.0376i	0.0519+0.0022i	-0.0800+0.0239i	-0.4450-0.0462i
7.3	0.0607+0.0851i	-0.5283-0.0523i	--	-0.0401+0.0322i	-0.3848-0.0383i	0.0451+0.0022i	-0.0611+0.0196i	-0.4402-0.0488i
7.4	0.0810+0.0481i	-0.5305-0.0493i	--	-0.0296+0.0166i	-0.3875-0.0391i	0.0420+0.0056i	-0.0529+0.0081i	-0.4385-0.0499i
7.5	0.0811+0.0304i	-0.5291-0.0483i	--	-0.0282+0.0091i	-0.3878-0.0393i	0.0442+0.0098i	-0.0521+0.0022i	-0.4374-0.0517i
7.6	0.0747+0.0260i	-0.5295-0.0476i	--	-0.0313+0.0078i	-0.3864-0.0375i	0.0451+0.0154i	-0.0537-0.0003i	-0.4359-0.0505i
7.7	0.0641+0.0191i	-0.5267-0.0490i	--	-0.0350+0.0032i	-0.3839-0.0373i	0.0406+0.0221i	-0.0576-0.0049i	-0.4332-0.0512i
7.8	0.0613+0.0163i	-0.5272-0.0497i	--	-0.0368+0.0001i	-0.3846-0.0370i	0.0422+0.0272i	-0.0589-0.0060i	-0.4319-0.0519i
7.9	0.0562+0.0238i	-0.5278-0.0500i	--	-0.0395+0.0022i	-0.3837-0.0371i	0.0432+0.0431i	-0.0615-0.0040i	-0.4308-0.0509i
8.0	0.0547+0.0327i	-0.5279-0.0504i	--	-0.0411+0.0060i	-0.3833-0.0385i	0.0459+0.0586i	-0.0632-0.0024i	-0.4287-0.0532i
8.1	0.0567+0.0235i	-0.5269-0.0476i	--	-0.0421+0.0028i	-0.3806-0.0381i	0.0504+0.0475i	-0.0638-0.0028i	-0.4243-0.0514i
8.2	0.0611+0.0223i	-0.5275-0.0466i	--	-0.0421+0.0034i	-0.3779-0.0386i	0.0555+0.0416i	-0.0640-0.0011i	-0.4200-0.0501i
8.3	0.0595+0.0199i	-0.5291-0.0467i	--	-0.0421+0.0022i	-0.3758-0.0408i	0.0542+0.0394i	-0.0650-0.0008i	-0.4162-0.0512i
8.4	0.0603+0.0158i	-0.5262-0.0478i	--	-0.0423-0.0004i	-0.3737-0.0431i	0.0633+0.0394i	-0.0662-0.0021i	-0.4122-0.0541i
8.5	0.0557+0.0169i	-0.5244-0.0472i	--	-0.0432-0.0009i	-0.3738-0.0441i	0.0547+0.0504i	-0.0682-0.0011i	-0.4104-0.0552i
8.6	0.0496+0.0166i	-0.5219-0.0482i	--	-0.0463+0.0000i	-0.3693-0.0471i	0.0376+0.0586i	-0.0714-0.0005i	-0.4043-0.0585i
8.7	0.0510+0.0181i	-0.5188-0.0505i	--	-0.0475+0.0001i	-0.3647-0.0518i	0.0449+0.0629i	-0.0709+0.0000i	-0.3975-0.0611i
8.8	0.0442+0.0184i	-0.5154-0.0527i	--	-0.0510-0.0003i	-0.3604-0.0556i	0.0272+0.0688i	-0.0733+0.0013i	-0.3912-0.0653i
8.9	0.0412+0.0299i	-0.5112-0.0577i	--	-0.0518+0.0033i	-0.3536-0.0640i	0.0158+0.1056i	-0.0745+0.0048i	-0.3823-0.0735i
9.0	0.0482+0.0353i	-0.5105-0.0620i	--	-0.0507+0.0077i	-0.3512-0.0700i	0.0405+0.1272i	-0.0738+0.0069i	-0.3775-0.0786i
9.1	0.0459+0.0363i	-0.5105-0.0652i	--	-0.0524+0.0094i	-0.3501-0.0756i	0.0400+0.1363i	-0.0762+0.0084i	-0.3740-0.0863i
9.2	0.0247+0.0432i	-0.5054-0.0715i	--	-0.0598+0.0102i	-0.3435-0.0834i	-0.0283+0.1766i	-0.0829+0.0107i	-0.3644-0.0932i
9.3	0.0282+0.0809i	-0.5027-0.0774i	--	-0.0605+0.0256i	-0.3395-0.0931i	-0.0089+0.3078i	-0.0842+0.0241i	-0.3587-0.1031i
9.4	0.0533+0.1138i	-0.5023-0.0884i	--	-0.0538+0.0378i	-0.3367-0.1068i	0.0805+0.4285i	-0.0794+0.0363i	-0.3534-0.1184i
9.5	0.1002+0.1195i	-0.5034-0.1042i	--	-0.0371+0.0410i	-0.3321-0.1278i	0.2398+0.4579i	-0.0662+0.0405i	-0.3453-0.1405i
9.6	0.1441+0.1070i	-0.5031-0.1135i	--	-0.0199+0.0376i	-0.3325-0.1391i	0.3919+0.4006i	-0.0511+0.0356i	-0.3396-0.1537i
9.7	0.1602+0.0624i	-0.5052-0.1281i	--	-0.0126+0.0214i	-0.3303-0.1606i	0.4421+0.2580i	-0.0461+0.0240i	-0.3368-0.1770i
9.8	0.1622+0.0352i	-0.5121-0.1473i	--	-0.0123+0.0089i	-0.3342-0.1857i	0.4442+0.1818i	-0.0451+0.0185i	-0.3393-0.2043i
9.9	0.1584+0.0176i	-0.5219-0.1624i	--	-0.0141+0.0014i	-0.3441-0.2096i	0.4350+0.1362i	-0.0453+0.0147i	-0.3469-0.2290i
10.0	0.1508+0.0026i	-0.5336-0.1827i	--	-0.0189-0.0048i	-0.3525-0.2396i	0.4173+0.0994i	-0.0498+0.0113i	-0.3566-0.2615i
10.1	0.1428-0.0059i	-0.5511-0.1943i	--	-0.0230-0.0109i	-0.3667-0.2573i	0.3958+0.0705i	-0.0541+0.0072i	-0.3725-0.2821i
10.2	0.1319-0.0069i	-0.5799-0.1995i	--	-0.0279-0.0116i	-0.4024-0.2722i	0.3695+0.0788i	-0.0557+0.0092i	-0.4082-0.2962i
10.3	0.1283-0.0063i	-0.6042-0.2017i	--	-0.0316-0.0115i	-0.4326-0.2850i	0.3614+0.0949i	-0.0574+0.0111i	-0.4399-0.3079i
10.4	0.1280-0.0067i	-0.6284-0.2013i	--	-0.0324-0.0110i	-0.4571-0.2948i	0.3757+0.1074i	-0.0599+0.0111i	-0.4651-0.3186i
10.5	0.1276-0.0081i	-0.6482-0.1916i	--	-0.0333-0.0114i	-0.4869-0.2948i	0.4052+0.1069i	-0.0612+0.0125i	-0.4933-0.3141i
10.6	0.1316-0.0118i	-0.6670-0.1828i	--	-0.0344-0.0124i	-0.5100-0.2929i	0.4334+0.0849i	-0.0607+0.0149i	-0.5164-0.3090i
10.7	0.1381-0.0153i	-0.6837-0.1690i	--	-0.0333-0.0153i	-0.5278-0.2803i	0.4563+0.0594i	-0.0605+0.0139i	-0.5351-0.2928i
10.8	0.1349-0.0219i	-0.6962-0.1620i	--	-0.0332-0.0159i	-0.5476-0.2787i	0.4527+0.0397i	-0.0596+0.0138i	-0.5526-0.2873i
10.9	0.1347-0.0306i	-0.7008-0.1534i	--	-0.0338-0.0176i	-0.5597-0.2911i	0.4503+0.0241i	-0.0576+0.0169i	-0.5596-0.2944i
11.0	0.1319-0.0333i	-0.7037-0.1400i	--	-0.0350-0.0216i	-0.5746-0.2842i	0.4400+0.0161i	-0.0577+0.0170i	-0.5705-0.2820i
11.1	0.1278-0.0345i	-0.7058-0.1264i	--	-0.0375-0.0258i	-0.5922-0.2663i	0.4365+0.0150i	-0.0561+0.0122i	-0.5825-0.2636i
11.2	0.1283-0.0323i	-0.7121-0.1204i	--	-0.0429-0.0277i	-0.6022-0.2507i	0.4525+0.0257i	-0.0582+0.0091i	-0.5848-0.2491i
11.3	0.1248-0.0326i	-0.7161-0.1150i	--	-0.0453-0.0283i	-0.6205-0.2432i	0.4571+0.0237i	-0.0607+0.0075i	-0.5957-0.2391i
11.4	0.1264-0.0423i	-0.7128-0.1112i	--	-0.0460-0.0308i	-0.6213-0.2555i	0.4688+0.0025i	-0.0638+0.0104i	-0.5905-0.2458i
11.5	0.1305-0.0414i	-0.7136-0.1054i	--	-0.0478-0.0319i	-0.6262-0.2393i	0.4788+0.0021i	-0.0657+0.0087i	-0.5882-0.2302i
11.6	0.1363-0.0437i	-0.7111-0.1044i	--	-0.0501-0.0317i	-0.6172-0.2386i	0.4951-0.0068i	-0.0695+0.0087i	-0.5750-0.2289i
11.7	0.1364-0.0490i	-0.7119-0.1043i	--	-0.0526-0.0307i	-0.6181-0.2457i	0.5044-0.0225i	-0.0748+0.0110i	-0.5719-0.2367i
11.8	0.1381-0.0503i	-0.7108-0.1031i	--	-0.0526-0.0299i	-0.6234-0.2409i	0.5109-0.0291i	-0.0776+0.0147i	-0.5685-0.2330i
11.9	0.1407-0.0554i	-0.7085-0.1074i	--	-0.0520-0.0315i	-0.6224-0.2516i	0.5112-0.0424i	-0.0797+0.0197i	-0.5604-0.2414i

12.0	0.1497-0.0587i	-0.7074-0.1118i	--	-0.0504-0.0317i	-0.6070-0.2584i	0.5184-0.0459i	-0.0851+0.0217i	-0.5430-0.2503i
12.1	0.1590-0.0633i	-0.7036-0.1161i	--	-0.0461-0.0340i	-0.5945-0.2708i	0.5295-0.0430i	-0.0879+0.0269i	-0.5277-0.2603i
12.2	0.1669-0.0738i	-0.7013-0.1301i	--	-0.0424-0.0398i	-0.5831-0.2988i	0.5414-0.0469i	-0.0912+0.0341i	-0.5102-0.2864i
12.3	0.1720-0.0893i	-0.6987-0.1517i	--	-0.0391-0.0467i	-0.5754-0.3427i	0.5464-0.0481i	-0.0950+0.0451i	-0.4947-0.3245i
12.4	0.1761-0.1066i	-0.6966-0.1720i	--	-0.0383-0.0551i	-0.5686-0.3930i	0.5505-0.0473i	-0.0970+0.0568i	-0.4799-0.3701i
12.5	0.1882-0.1349i	-0.6995-0.2083i	--	-0.0334-0.0704i	-0.5634-0.4704i	0.5711-0.0526i	-0.0965+0.0723i	-0.4676-0.4416i
12.6	0.1836-0.1643i	-0.7179-0.2442i	--	-0.0363-0.0851i	-0.5922-0.5497i	0.5856-0.0606i	-0.0914+0.0882i	-0.4872-0.5154i
12.7	0.1642-0.1999i	-0.7588-0.2836i	--	-0.0458-0.1039i	-0.6749-0.6409i	0.6008-0.0691i	-0.0764+0.1065i	-0.5523-0.6048i
12.8	0.1231-0.2298i	-0.8254-0.3175i	--	-0.0652-0.1236i	-0.8114-0.7129i	0.6049-0.0783i	-0.0515+0.1190i	-0.6664-0.6793i
12.9	0.0764-0.2447i	-0.9029-0.3322i	--	-0.0898-0.1347i	-0.9583-0.7447i	0.6201-0.0921i	-0.0242+0.1244i	-0.7939-0.7161i
13.0	0.0326-0.2361i	-0.9740-0.3128i	--	-0.1195-0.1339i	-1.1054-0.7100i	0.6348-0.1064i	0.0005+0.1173i	-0.9228-0.6903i
13.1	-0.0048-0.2141i	-1.0323-0.2779i	--	-0.1470-0.1311i	-1.2310-0.6295i	0.6481-0.1179i	0.0242+0.1025i	-1.0315-0.6202i
13.2	-0.0260-0.1903i	-1.0690-0.2384i	--	-0.1641-0.1222i	-1.3112-0.5459i	0.6452-0.1276i	0.0386+0.0858i	-1.0973-0.5471i
13.3	-0.0372-0.1631i	-1.1016-0.1974i	--	-0.1809-0.1066i	-1.3576-0.4532i	0.6420-0.1375i	0.0470+0.0656i	-1.1356-0.4684i
13.4	-0.0443-0.1459i	-1.1159-0.1640i	--	-0.1908-0.0938i	-1.3767-0.3862i	0.6307-0.1490i	0.0490+0.0514i	-1.1500-0.4113i
13.5	-0.0485-0.1257i	-1.1324-0.1387i	--	-0.1980-0.0797i	-1.3870-0.3194i	0.6167-0.1372i	0.0461+0.0356i	-1.1569-0.3564i
13.6	-0.0451-0.1038i	-1.1499-0.1039i	--	-0.2048-0.0683i	-1.3843-0.2398i	0.6171-0.1152i	0.0384+0.0182i	-1.1508-0.2886i
13.7	-0.0434-0.0912i	-1.1744-0.0715i	--	-0.2055-0.0601i	-1.3801-0.1952i	0.6155-0.1011i	0.0295+0.0065i	-1.1471-0.2499i
13.8	-0.0386-0.0770i	-1.1967-0.0431i	--	-0.2063-0.0480i	-1.3697-0.1699i	0.6212-0.0779i	0.0215+0.0030i	-1.1387-0.2247i
13.9	-0.0333-0.0631i	-1.2138-0.0028i	--	-0.2097-0.0405i	-1.3709-0.1428i	0.6398-0.0446i	0.0172+0.0032i	-1.1334-0.1978i
14.0	-0.0263-0.0513i	-1.2251+0.0309i	--	-0.2116-0.0360i	-1.3696-0.1262i	0.6642-0.0034i	0.0141+0.0030i	-1.1215-0.1763i
14.1	-0.0122-0.0409i	-1.2273+0.0682i	--	-0.2076-0.0314i	-1.3758-0.1102i	0.7144+0.0315i	0.0183-0.0007i	-1.1165-0.1591i
14.2	0.0011-0.0448i	-1.2351+0.0965i	--	-0.2027-0.0308i	-1.3871-0.1045i	0.7648+0.0303i	0.0234-0.0071i	-1.1146-0.1546i
14.3	0.0019-0.0635i	-1.2517+0.1262i	--	-0.2082-0.0406i	-1.4034-0.1045i	0.7932+0.0135i	0.0207-0.0202i	-1.1166-0.1606i
14.4	-0.0213-0.0696i	-1.2676+0.1625i	--	-0.2254-0.0437i	-1.4419-0.0936i	0.8000+0.0221i	0.0053-0.0271i	-1.1421-0.1546i
14.5	-0.0522-0.0453i	-1.2928+0.2247i	--	-0.2506-0.0279i	-1.4840-0.0619i	0.8031+0.0906i	-0.0159-0.0228i	-1.1720-0.1230i
14.6	-0.0563-0.0065i	-1.2935+0.3001i	--	-0.2620-0.0071i	-1.5104-0.0211i	0.8367+0.1703i	-0.0209-0.0103i	-1.1839-0.0834i
14.7	-0.0370+0.0369i	-1.2396+0.4148i	--	-0.2608+0.0163i	-1.5196+0.0403i	0.9507+0.2902i	-0.0186+0.0015i	-1.1789-0.0297i
14.8	0.0110+0.0609i	-1.1177+0.4774i	--	-0.2421+0.0333i	-1.4885+0.0839i	1.1654+0.3421i	-0.0099+0.0057i	-1.1427+0.0034i
14.9	0.0576+0.0599i	-0.9876+0.4552i	--	-0.2239+0.0339i	-1.4562+0.0949i	1.3841+0.2967i	-0.0027+0.0054i	-1.1047+0.0140i
15.0	0.0862+0.0385i	-0.9163+0.3685i	--	-0.2126+0.0204i	-1.4426+0.0711i	1.5348+0.1799i	-0.0001+0.0047i	-1.0840+0.0007i
15.1	0.0951+0.0081i	-0.9220+0.2635i	--	-0.2182+0.0046i	-1.4632+0.0264i	1.6167+0.0347i	0.0022+0.0042i	-1.0807-0.0300i
15.2	0.0938-0.0122i	-0.9691+0.1830i	--	-0.2328-0.0041i	-1.5090+0.0113i	1.6512-0.0996i	0.0053-0.0008i	-1.0924-0.0436i
15.3	0.0919-0.0244i	-1.0234+0.1460i	--	-0.2453-0.0092i	-1.5521+0.0078i	1.6797-0.1878i	0.0047-0.0044i	-1.1073-0.0443i
15.4	0.0901-0.0355i	-1.0894+0.1346i	--	-0.2642-0.0111i	-1.6058+0.0087i	1.7058-0.2609i	0.0064-0.0042i	-1.1286-0.0460i
15.5	0.0819-0.0383i	-1.1473+0.1384i	--	-0.2783-0.0056i	-1.6591+0.0217i	1.7389-0.3183i	0.0103-0.0064i	-1.1475-0.0403i
15.6	0.0762-0.0372i	-1.2074+0.1488i	--	-0.2920-0.0023i	-1.7109+0.0369i	1.7842-0.3713i	0.0096-0.0089i	-1.1679-0.0348i
15.7	0.0791-0.0388i	-1.2862+0.1689i	--	-0.3099+0.0050i	-1.7787+0.0450i	1.8723-0.4414i	0.0129-0.0068i	-1.1911-0.0336i
15.8	0.0828-0.0415i	-1.3521+0.2128i	--	-0.3254+0.0157i	-1.8374+0.0718i	1.9467-0.5337i	0.0164-0.0078i	-1.2059-0.0190i
15.9	0.0846-0.0441i	-1.4269+0.2768i	--	-0.3375+0.0286i	-1.9031+0.1137i	2.0178-0.6547i	0.0197-0.0078i	-1.2256-0.0034i
16.0	0.0855-0.0466i	-1.5013+0.3631i	--	-0.3489+0.0445i	-1.9790+0.1721i	2.0898-0.8095i	0.0269-0.0128i	-1.2547+0.0234i
16.1	0.0913-0.0522i	-1.5331+0.5004i	--	-0.3554+0.0648i	-2.0265+0.2498i	2.0913-0.9991i	0.0313-0.0185i	-1.2596+0.0556i
16.2	0.0988-0.0595i	-1.5235+0.6236i	--	-0.3519+0.0802i	-2.0393+0.3103i	2.0534-1.1530i	0.0319-0.0199i	-1.2509+0.0735i
16.3	0.1015-0.0770i	-1.4988+0.8058i	--	-0.3531+0.0989i	-2.0577+0.4207i	1.9693-1.4133i	0.0314-0.0373i	-1.2464+0.1025i
16.4	0.0930-0.0916i	-1.4288+0.9290i	--	-0.3538+0.1059i	-2.0688+0.4763i	1.8450-1.5768i	0.0331-0.0470i	-1.2498+0.1108i
16.5	0.0582-0.1071i	-1.2616+1.0096i	--	-0.3526+0.1057i	-2.0476+0.5113i	1.5738-1.6206i	0.0230-0.0527i	-1.2584+0.1140i
16.6	0.0272-0.0818i	-1.0472+0.9834i	--	-0.3604+0.1043i	-2.0065+0.5132i	1.3070-1.4308i	0.0067-0.0485i	-1.2534+0.1269i
16.7	0.0235-0.0412i	-0.9264+0.9227i	--	-0.3649+0.1153i	-2.0021+0.5054i	1.2615-1.2181i	0.0007-0.0386i	-1.2453+0.1436i
16.8	0.0444-0.0133i	-0.9096+0.8254i	--	-0.3750+0.1269i	-2.0601+0.4937i	1.4391-1.0836i	0.0048-0.0295i	-1.2476+0.1539i
16.9	0.0568+0.0022i	-0.9577+0.8429i	--	-0.3855+0.1494i	-2.1358+0.5741i	1.5597-1.2191i	0.0104-0.0285i	-1.2641+0.2054i
17.0	0.0649+0.0136i	-0.9228+0.9009i	--	-0.3880+0.1722i	-2.1709+0.6667i	1.5367-1.3986i	0.0179-0.0254i	-1.2655+0.2535i
17.1	0.0722+0.0270i	-0.8511+0.7947i	--	-0.3847+0.1752i	-2.1465+0.6399i	1.3684-1.2737i	0.0269-0.0249i	-1.2166+0.2366i
17.2	0.0965+0.0515i	-0.9280+0.6353i	--	-0.3911+0.1687i	-2.2115+0.5431i	1.4399-0.8919i	0.0415-0.0233i	-1.2077+0.1741i
17.3	0.1349+0.0470i	-1.0756+0.7369i	--	-0.4014+0.1786i	-2.3657+0.6043i	1.8185-0.9429i	0.0544-0.0323i	-1.2688+0.1790i
17.4	0.1615+0.0237i	-1.1210+0.9132i	--	-0.4258+0.1799i	-2.4871+0.7171i	2.1039-1.1731i	0.0577-0.0467i	-1.2967+0.2188i
17.5	0.1672+0.0085i	-1.0891+1.0503i	--	-0.4572+0.1958i	-2.5728+0.8120i	2.2242-1.4242i	0.0586-0.0485i	-1.3104+0.2498i
17.6	0.1750+0.0047i	-1.0388+1.1563i	--	-0.4667+0.2352i	-2.6267+0.9248i	2.2303-1.6960i	0.0654-0.0529i	-1.3212+0.2742i
17.7	0.1976+0.0090i	-0.8962+1.3316i	--	-0.4618+0.2831i	-2.6443+1.0955i	2.1508-1.9861i	0.0753-0.0614i	-1.2948+0.3295i
17.8	0.2145+0.0070i	-0.6365+1.4037i	--	-0.4370+0.3145i	-2.5994+1.2076i	1.9590-2.1753i	0.0793-0.0667i	-1.2559+0.3676i
17.9	0.2305+0.0011i	-0.4037+1.3096i	--	-0.4100+0.3172i	-2.5591+1.2015i	1.7601-2.1804i	0.0825-0.0629i	-1.2225+0.3541i
18.0	0.2476+0.0021i	-0.3017+1.1932i	--	-0.3930+0.3133i	-2.5818+1.1668i	1.6806-2.1395i	0.0961-0.0563i	-1.2144+0.3360i
18.1	0.2673-0.0220i	-0.2772+1.0686i	--	-0.3877+0.2857i	-2.6937+1.1838i	1.6345-2.1362i	0.1245-0.0725i	-1.2292+0.3285i
18.2	0.2835-0.0440i	-0.2451+1.0305i	--	-0.3952+0.2778i	-2.7657+1.2599i	1.5806-2.1920i	0.1371-0.0952i	-1.2192+0.3305i

18.3	0.2965-0.0615i	-0.2211+0.9684i	--	-0.4099+0.2670i	-2.8360+1.3341i	1.5133-2.1363i	0.1486-0.1213i	-1.2090+0.3316i
18.4	0.2989-0.0959i	-0.2165+0.9634i	--	-0.4454+0.2344i	-2.9747+1.4259i	1.4851-2.1225i	0.1633-0.1572i	-1.2299+0.3349i
18.5	0.2673-0.1175i	-0.1521+1.0271i	--	-0.5206+0.2132i	-3.0872+1.6074i	1.3729-2.0415i	0.1520-0.2112i	-1.2340+0.3667i
18.6	0.2218-0.0866i	0.0422+1.0668i	--	-0.6284+0.2822i	-3.0804+1.7574i	1.4283-1.8705i	0.0903-0.2189i	-1.2084+0.3731i
18.7	0.2508-0.0085i	0.2936+0.9272i	--	-0.6326+0.4173i	-3.0385+1.8269i	1.5993-1.8415i	0.0708-0.1673i	-1.1735+0.3731i
18.8	0.3196-0.0074i	0.3489+0.7248i	--	-0.5678+0.4327i	-3.0877+1.8329i	1.6054-1.8664i	0.1086-0.1614i	-1.1626+0.3533i
18.9	0.3802-0.0082i	0.3964+0.5737i	--	-0.5578+0.4290i	-3.2335+1.9003i	1.6980-1.7828i	0.1466-0.1849i	-1.1632+0.3525i
19.0	0.4357-0.0250i	0.4242+0.4425i	--	-0.5622+0.4284i	-3.3103+1.9619i	1.8481-1.7275i	0.1574-0.2027i	-1.1288+0.3219i
19.1	0.4997-0.0415i	0.4259+0.2934i	--	-0.5847+0.4365i	-3.4303+2.0990i	2.0739-1.7117i	0.1681-0.2344i	-1.0977+0.3246i
19.2	0.5550-0.0851i	0.3972+0.1632i	--	-0.6270+0.4509i	-3.5926+2.2965i	2.3619-1.8147i	0.1743-0.2693i	-1.0857+0.3173i
19.3	0.6187-0.1268i	0.3968+0.0582i	--	-0.6524+0.4787i	-3.6898+2.4941i	2.5753-1.9573i	0.1785-0.3038i	-1.0451+0.2887i
19.4	0.6878-0.1907i	0.3885-0.0573i	--	-0.6765+0.5125i	-3.7612+2.7284i	2.7972-2.1806i	0.1783-0.3463i	-1.0015+0.2486i
19.5	0.7312-0.2756i	0.3645-0.1302i	--	-0.7075+0.5326i	-3.7677+2.8599i	2.9219-2.4336i	0.1640-0.3729i	-0.9585+0.1616i
19.6	0.7949-0.3959i	0.4060-0.2393i	--	-0.7531+0.5648i	-3.7966+3.0947i	2.9656-2.8219i	0.1465-0.4174i	-0.8771+0.0544i
19.7	0.7979-0.4807i	0.4110-0.3218i	--	-0.7903+0.5728i	-3.8616+3.1421i	2.9113-3.0019i	0.1276-0.4331i	-0.9017-0.0446i
19.8	0.8021-0.5865i	0.4771-0.4497i	--	-0.8707+0.6069i	-3.9715+3.2133i	2.7975-3.1108i	0.1088-0.4440i	-0.8607-0.2140i
19.9	0.8199-0.6664i	0.5697-0.6485i	--	-0.9967+0.6905i	-4.2674+3.4351i	2.8441-3.1198i	0.1168-0.4604i	-0.8246-0.3638i
20.0	0.8421-0.6845i	0.5990-0.7594i	--	-1.0784+0.7655i	-4.5390+3.6968i	3.0014-3.0886i	0.1279-0.4776i	-0.8503-0.3764i
20.1	0.8810-0.8333i	0.5916-1.0771i	--	-1.1639+0.9234i	-4.8744+4.1098i	3.3503-3.1382i	0.1338-0.5252i	-0.9465-0.6740i
20.2	0.9071-0.9778i	0.6094-1.3508i	--	-1.2302+1.0773i	-5.1711+4.5891i	3.6744-3.3795i	0.1485-0.5770i	-1.0510-0.9044i
20.3	0.9087-1.2172i	0.6043-1.8132i	--	-1.3096+1.3282i	-5.4566+5.2816i	4.0709-3.7975i	0.1371-0.6516i	-1.2368-1.2978i
20.4	0.8439-1.4830i	0.4845-2.3046i	--	-1.3339+1.5720i	-5.6000+5.9116i	4.3080-4.2856i	0.1226-0.7269i	-1.5424-1.7329i
20.5	0.6789-1.7094i	0.1239-2.7823i	--	-1.2660+1.8825i	-5.5215+6.9299i	4.3672-5.0196i	0.0713-0.8282i	-2.0209-1.9202i
20.6	0.3821-1.9039i	-0.4930-3.2256i	--	-1.0981+2.1820i	-5.3233+7.7715i	4.3137-5.5651i	-0.0189-0.9024i	-2.8182-2.1318i
20.7	0.1342-2.0382i	-1.0754-3.4595i	--	-0.8875+2.4160i	-4.9730+8.5439i	4.2666-6.1285i	-0.1034-0.9627i	-3.4858-2.1605i
20.8	-0.1181-2.1013i	-1.6986-3.5897i	--	-0.6098+2.6274i	-4.3063+9.3974i	4.1395-6.8347i	-0.2135-0.9961i	-4.0852-1.9274i
20.9	-0.4025-2.1226i	-2.3124-3.6636i	--	-0.3663+2.7570i	-3.9171+10.0054i	3.8758-7.4853i	-0.2970-1.0067i	-4.7649-1.6104i
21.0	-0.6734-2.0974i	-2.8722-3.5327i	--	-0.1493+2.8078i	-3.6123+10.5026i	3.6461-7.8820i	-0.3717-1.0191i	-5.4083-1.2184i
21.1	-0.9689-1.9459i	-3.4896-3.1443i	--	0.1186+2.8240i	-3.1628+11.1742i	3.3704-8.4483i	-0.4633-1.0091i	-6.0810-0.4017i
21.2	-1.2002-1.7866i	-4.0210-2.8141i	--	0.3451+2.8363i	-2.7247+11.8357i	3.2541-8.9214i	-0.5441-0.9915i	-6.6346+0.3746i
21.3	-1.3700-1.6038i	-4.3758-2.4609i	--	0.5373+2.8315i	-2.1969+12.5982i	2.9677-9.5213i	-0.6174-0.9774i	-6.9306+1.2932i
21.4	-1.4944-1.3735i	-4.6544-1.9400i	--	0.7052+2.7943i	-1.6549+13.5371i	2.5426-10.4029i	-0.6644-0.9592i	-7.0624+2.5469i
21.5	-1.5649-1.1342i	-4.7702-1.5086i	--	0.8067+2.8482i	-1.1776+14.9095i	2.0978-11.3174i	-0.7042-0.9668i	-7.0380+3.9015i
21.6	-1.5826-0.9792i	-4.8981-1.2681i	--	1.0308+2.9420i	0.1622+16.3252i	1.3453-12.2300i	-0.7823-0.9923i	-6.5687+5.0740i
21.7	-1.5589-0.8107i	-4.9896-0.9742i	--	1.3114+2.9821i	2.2882+17.5409i	-0.1064-12.9519i	-0.8764-1.0112i	-5.5094+6.2252i
21.8	-1.5662-0.6278i	-5.0870-0.5620i	--	1.6549+2.9452i	4.8925+18.2801i	-2.0404-13.3886i	-1.0065-1.0138i	-4.2523+7.2285i
21.9	-1.5468-0.5279i	-5.2624-0.3192i	--	2.0144+2.8353i	7.5659+17.9204i	-3.5754-12.9610i	-1.1477-0.9713i	-2.9983+7.3978i
22.0	-1.4913-0.4225i	-5.3417-0.0723i	--	2.3271+2.6582i	10.1700+17.0658i	-4.9285-12.1976i	-1.2749-0.9026i	-1.6560+7.3473i
22.1	-1.4384-0.3430i	-5.4284+0.1693i	--	2.6141+2.4348i	12.5156+15.8351i	-6.0105-11.2544i	-1.3940-0.8264i	-0.4471+7.0609i
22.2	-1.3927-0.2894i	-5.5327+0.3534i	--	2.8385+2.2222i	14.4788+14.4373i	-6.7233-10.2907i	-1.4986-0.7456i	0.5950+6.5966i
22.3	-1.3531-0.2457i	-5.7089+0.5612i	--	3.0247+1.9442i	16.0693+12.4360i	-7.0065-9.0973i	-1.5835-0.6199i	1.3830+5.8295i
22.4	-1.3604-0.2421i	-5.9140+0.7587i	--	3.1375+1.6847i	16.8533+10.5549i	-6.9576-8.2723i	-1.6350-0.5127i	1.6784+5.0615i
22.5	-1.3731-0.2124i	-6.1712+1.0692i	--	3.2594+1.3965i	17.7213+8.5036i	-6.9252-7.4804i	-1.6879-0.3921i	2.0281+4.2872i
22.6	-1.3967-0.1801i	-6.4423+1.3889i	--	3.3520+1.1884i	18.3372+6.9681i	-6.7484-7.0093i	-1.7276-0.2932i	2.2092+3.7498i
22.7	-1.4205-0.1538i	-6.6608+1.7249i	--	3.4205+0.9802i	18.7082+5.4707i	-6.6205-6.5987i	-1.7532-0.2041i	2.3029+3.1997i
22.8	-1.4522-0.0727i	-6.9475+2.3559i	--	3.4846+0.6762i	19.0112+3.5431i	-6.2181-6.2543i	-1.7838-0.0873i	2.3040+2.6673i
22.9	-1.4719-0.0053i	-7.1602+2.9285i	--	3.5138+0.4143i	19.3210+1.9357i	-5.7052-5.9980i	-1.8252+0.0026i	2.3270+2.2259i
23.0	-1.5072+0.0488i	-7.3858+3.6819i	--	3.5673+0.1142i	19.6628-0.2582i	-5.1333-6.1220i	-1.8814+0.1202i	2.2529+1.5385i
23.1	-1.5373+0.0896i	-7.4818+4.2937i	--	3.5586-0.1178i	19.5229-1.8580i	-4.7783-6.6799i	-1.9025+0.2356i	2.0395+1.1897i
23.2	-1.5940+0.1847i	-7.4674+5.2464i	--	3.5435-0.4361i	19.1041-4.0134i	-4.8479-7.3960i	-1.9202+0.3981i	1.7548+0.8115i
23.3	-1.6376+0.3172i	-7.2435+6.4188i	--	3.5040-0.7847i	18.4964-6.3698i	-5.2770-8.2239i	-1.9166+0.5616i	1.5191+0.4234i
23.4	-1.6994+0.4843i	-6.8105+7.7679i	--	3.3954-1.1776i	17.4818-9.0912i	-6.0681-9.1472i	-1.9156+0.7660i	1.1643-0.0361i
23.5	-1.6922+0.6665i	-5.8263+8.9276i	--	3.1591-1.5533i	15.5939-11.4206i	-7.3503-9.7230i	-1.8476+0.9613i	0.7472-0.3348i
23.6	-1.6218+0.8426i	-4.5997+9.8252i	--	2.8987-1.8513i	13.3772-13.1278i	-8.7696-9.8540i	-1.7404+1.1184i	0.3165-0.4898i
23.7	-1.4991+1.0662i	-2.7032+10.5454i	--	2.4606-2.1409i	9.9277-14.4467i	-10.7943-9.4218i	-1.5646+1.3118i	-0.3366-0.4184i
23.8	-1.3949+1.2134i	-1.3971+10.6594i	--	2.1231-2.2538i	7.5405-14.7320i	-12.1028-8.6566i	-1.4356+1.4325i	-0.7428-0.2660i
23.9	-1.2158+1.2982i	-0.0035+10.1130i	--	1.7524-2.2513i	5.1078-13.9975i	-13.1661-7.1289i	-1.2522+1.4763i	-1.0139+0.0012i
24.0	-1.0177+1.3187i	1.2899+9.1896i	--	1.3975-2.1771i	2.8384-12.6852i	-13.8257-5.2572i	-1.0557+1.4787i	-1.2516+0.3296i
24.1	-0.8630+1.3910i	2.2805+8.6225i	--	1.1220-2.1562i	1.1408-11.8879i	-14.2778-3.7497i	-0.9031+1.5264i	-1.4092+0.6108i
24.2	-0.7354+1.3787i	2.7252+7.8652i	--	0.9264-2.0559i	0.3390-10.7982i	-13.9760-2.4804i	-0.7717+1.4982i	-1.3623+0.8229i
24.3	-0.5609+1.3424i	3.3305+6.5905i	--	0.6324-1.8527i	-0.7715-9.0346i	-13.3552-0.6780i	-0.5994+1.4457i	-1.3010+1.0822i
24.4	-0.4738+1.3140i	3.5065+5.9233i	--	0.5025-1.7269i	-1.1979-8.1414i	-12.8516+0.1979i	-0.5158+1.4161i	-1.2643+1.1661i
24.5	-0.3899+1.2843i	3.4778+5.1882i	--	0.3891-1.5674i	-1.2803-7.2056i	-11.9326+1.0376i	-0.4378+1.3723i	-1.1501+1.2354i

24.6	-0.2924+1.2457i	3.5336+4.5225i	--	0.2770-1.4012i	-1.5261-6.2879i	-11.2186+1.6697i	-0.3407+1.3124i	-1.0436+1.2858i
24.7	-0.2083+1.1905i	3.3486+3.9042i	--	0.2535-1.2282i	-1.4493-5.4798i	-10.4129+2.0788i	-0.2636+1.2293i	-0.9718+1.2595i
24.8	-0.1537+1.1525i	3.2409+3.3644i	--	0.2026-1.0888i	-1.5092-4.8080i	-9.8336+2.4546i	-0.1957+1.1653i	-0.9215+1.2385i
24.9	-0.1133+1.1366i	2.9245+2.9637i	--	0.2174-0.9361i	-1.3635-4.2332i	-9.1351+2.7543i	-0.1645+1.1003i	-0.9423+1.1941i
25.0	-0.0177+1.1178i	2.7638+2.6144i	--	0.2535-0.8304i	-1.2767-3.7893i	-8.3624+3.0271i	-0.1219+1.0353i	-0.9680+1.1334i
25.1	0.0710+1.0396i	2.5965+2.2749i	--	0.2657-0.7583i	-1.2230-3.3502i	-7.6056+3.0179i	-0.0899+0.9473i	-0.9963+1.1065i
25.2	0.1080+0.9829i	2.4063+2.0432i	--	0.2848-0.6865i	-1.1502-3.0794i	-7.1599+2.9090i	-0.0862+0.8890i	-1.0431+1.0473i
25.3	0.1834+0.9015i	2.2298+1.7142i	--	0.3413-0.6046i	-1.0443-2.7063i	-6.6108+2.8378i	-0.0687+0.7914i	-1.0948+0.9294i
25.4	0.2108+0.7927i	2.0482+1.4992i	--	0.3707-0.6011i	-0.9169-2.4753i	-6.1534+2.6260i	-0.0998+0.6953i	-1.1708+0.8802i
25.5	0.1846+0.7098i	1.7441+1.3644i	--	0.3865-0.5934i	-0.7515-2.2638i	-5.7906+2.2948i	-0.1687+0.6431i	-1.3131+0.9315i
25.6	0.1603+0.6331i	1.5062+1.1252i	--	0.3889-0.5598i	-0.6545-1.9946i	-5.4917+2.1306i	-0.2345+0.5834i	-1.4537+0.9102i
25.7	0.0988+0.5878i	1.1387+0.9833i	--	0.4048-0.5018i	-0.4721-1.7856i	-5.2525+1.8124i	-0.3353+0.5652i	-1.6357+0.9123i
25.8	0.0620+0.5596i	0.8651+0.9198i	--	0.4166-0.4693i	-0.2895-1.6753i	-5.0499+1.5473i	-0.4096+0.5622i	-1.7375+0.9351i
25.9	0.0129+0.5473i	0.7757+0.8786i	--	0.3710-0.4502i	-0.2812-1.5969i	-4.9604+1.3836i	-0.4827+0.5757i	-1.8266+0.9770i
26.0	-0.0731+0.5760i	0.4786+0.7713i	--	0.3410-0.3325i	-0.1539-1.4417i	-4.8406+0.9626i	-0.6006+0.6684i	-2.0085+1.0622i
26.1	-0.1105+0.6480i	0.0174+0.7316i	--	0.4309-0.1610i	0.0905-1.3253i	-4.9767+0.4768i	-0.6427+0.7997i	-2.1853+1.1094i
26.2	-0.0721+0.7329i	-0.3122+0.8183i	--	0.5884-0.0644i	0.2683-1.2881i	-5.2513+0.3390i	-0.5852+0.9061i	-2.3087+1.2092i
26.3	-0.0117+0.7899i	-0.5751+0.8785i	--	0.7320-0.0024i	0.4085-1.2494i	-5.4158+0.2910i	-0.5400+0.9695i	-2.4388+1.2731i
26.4	0.0500+0.8075i	-0.9842+0.8717i	--	0.9020+0.0488i	0.5863-1.1290i	-5.5098+0.2368i	-0.5193+1.0039i	-2.6806+1.3504i
26.5	0.1042+0.8184i	-1.2757+0.9689i	--	1.0531+0.0274i	0.6764-1.1052i	-5.7500+0.2469i	-0.4757+1.0389i	-2.8683+1.5047i
26.6	0.1778+0.8141i	-1.5869+1.2422i	--	1.2324-0.0482i	0.8296-1.1432i	-5.9701+0.3117i	-0.4116+1.0628i	-3.0287+1.7434i
26.7	0.2360+0.7850i	-2.0549+1.3973i	--	1.4226-0.0929i	1.0393-1.1248i	-6.1396+0.3328i	-0.3946+1.0687i	-3.3053+1.8876i
26.8	0.2681+0.7782i	-2.2941+1.5571i	--	1.5198-0.1518i	1.1192-1.1237i	-6.2765+0.4331i	-0.3885+1.0833i	-3.4598+2.0558i
26.9	0.3108+0.7751i	-2.5000+1.7621i	--	1.6215-0.2127i	1.2237-1.1530i	-6.3816+0.5377i	-0.3618+1.1034i	-3.5694+2.2302i
27.0	0.3742+0.7660i	-2.9069+2.2045i	--	1.8138-0.3487i	1.4047-1.2103i	-6.5799+0.8153i	-0.3314+1.1381i	-3.8402+2.6098i
27.1	0.4511+0.7380i	-3.2392+2.6664i	--	1.9841-0.5016i	1.5953-1.3134i	-6.6171+1.0473i	-0.2941+1.1592i	-4.0416+2.9707i
27.2	0.5056+0.6832i	-3.5141+3.2516i	--	2.1357-0.7220i	1.7520-1.5500i	-6.6537+1.2563i	-0.2742+1.1555i	-4.2616+3.3470i
27.3	0.5588+0.6167i	-3.8087+3.9171i	--	2.2786-0.9880i	1.9448-1.7410i	-6.5814+1.4829i	-0.2801+1.1657i	-4.5005+3.9192i
27.4	0.5865+0.5216i	-3.9950+4.7980i	--	2.3739-1.3518i	2.0851-2.0651i	-6.4935+1.7075i	-0.3030+1.2012i	-4.6741+4.6841i
27.5	0.5848+0.4503i	-4.0123+5.2666i	--	2.3786-1.5709i	2.0682-2.2079i	-6.5118+1.8186i	-0.3292+1.2246i	-4.7180+5.1640i
27.6	0.5769+0.3760i	-4.1960+6.3484i	--	2.4435-1.9932i	2.1813-2.5772i	-6.5356+2.1620i	-0.3514+1.2994i	-4.8550+6.1139i
27.7	0.5924+0.3126i	-4.1430+7.4414i	--	2.4340-2.4001i	2.2440-2.9465i	-6.4280+2.4482i	-0.3465+1.3852i	-4.7681+7.0749i
27.8	0.5800+0.2262i	-3.3932+8.6675i	--	2.1621-2.8536i	2.0352-3.4046i	-6.1042+2.6796i	-0.2985+1.4970i	-4.1067+8.1325i
27.9	0.5311+0.1458i	-2.5037+9.8883i	--	1.8375-3.3033i	1.7476-3.9062i	-5.8581+2.8005i	-0.2390+1.6222i	-3.3547+9.1821i
28.0	0.4680+0.1096i	-1.3339+10.5942i	--	1.4224-3.5610i	1.3162-4.2053i	-5.6211+2.8484i	-0.1493+1.7209i	-2.3933+9.8203i
28.1	0.3956+0.0656i	0.5767+11.4363i	--	0.7436-3.8706i	0.6423-4.5773i	-5.2298+2.9845i	0.0593+1.8350i	-0.6690+10.5561i
28.2	0.3490+0.0454i	1.9522+11.8047i	--	0.2414-4.0076i	0.2240-4.7055i	-4.8983+3.0235i	0.2383+1.9080i	0.6895+10.9474i
28.3	0.3128+0.0749i	3.4038+11.2749i	--	-0.2717-3.8216i	-0.2663-4.5145i	-4.6708+2.9067i	0.4457+1.8758i	2.0715+10.5082i
28.4	0.2562+0.0766i	4.9028+10.9407i	--	-0.8124-3.7015i	-0.7811-4.3926i	-4.3952+2.8148i	0.6448+1.8454i	3.4712+10.2244i
28.5	0.2124+0.0902i	6.2141+10.1596i	--	-1.2750-3.4189i	-1.2409-4.1492i	-4.0690+2.6142i	0.8055+1.7550i	4.6462+9.4689i
28.6	0.1927+0.1078i	7.1374+9.1601i	--	-1.5909-3.0574i	-1.5805-3.7928i	-3.9062+2.2913i	0.9246+1.6464i	5.4611+8.5727i
28.7	0.1918+0.1285i	7.6121+8.2183i	--	-1.7485-2.7167i	-1.7194-3.4956i	-3.8715+2.0210i	1.0215+1.5316i	5.9675+7.6896i
28.8	0.1882+0.1617i	7.8955+7.2578i	--	-1.8361-2.3528i	-1.7920-3.1687i	-3.9073+1.7807i	1.0777+1.4152i	6.2609+6.7896i
28.9	0.1951+0.1884i	8.1520+6.2491i	--	-1.8926-1.9722i	-1.8708-2.8467i	-3.9704+1.5110i	1.1322+1.2826i	6.5009+5.8011i
29.0	0.2209+0.2014i	8.1215+5.5317i	--	-1.8410-1.7216i	-1.8426-2.5752i	-4.0656+1.3600i	1.1532+1.1961i	6.4915+5.1764i
29.1	0.2495+0.2000i	8.0217+4.8207i	--	-1.7569-1.4799i	-1.7922-2.3876i	-4.1823+1.1815i	1.1634+1.0954i	6.3896+4.4588i
29.2	0.2771+0.1814i	7.9829+4.1970i	--	-1.6872-1.2889i	-1.7670-2.2285i	-4.3008+0.9995i	1.1858+1.0009i	6.3401+3.8467i
29.3	0.2991+0.1539i	7.8761+3.8603i	--	-1.6185-1.2062i	-1.6872-2.1428i	-4.4213+0.9382i	1.2054+0.9441i	6.2944+3.5157i
29.4	0.3158+0.1197i	7.7607+3.3895i	--	-1.5403-1.0920i	-1.6580-2.0442i	-4.5400+0.8581i	1.2066+0.8586i	6.1518+3.0285i
29.5	0.3139+0.0776i	7.6002+2.9181i	--	-1.4643-0.9838i	-1.6369-1.9472i	-4.7442+0.7440i	1.2024+0.7723i	5.9593+2.5579i
29.6	0.2983+0.0499i	7.4876+2.5987i	--	-1.4196-0.9123i	-1.5832-1.8875i	-4.9838+0.6994i	1.2104+0.7027i	5.8898+2.2046i
29.7	0.2785+0.0302i	7.3715+2.3926i	--	-1.3760-0.8744i	-1.5688-1.8639i	-5.1781+0.7089i	1.1991+0.6489i	5.7505+1.9637i
29.8	0.2555+0.0005i	7.2520+2.1324i	--	-1.3338-0.8284i	-1.6031-1.8735i	-5.3917+0.7452i	1.1824+0.5713i	5.5384+1.6043i
29.9	0.2355-0.0297i	7.1418+1.9004i	--	-1.3087-0.7884i	-1.6481-1.8353i	-5.5094+0.8038i	1.1570+0.4941i	5.3367+1.2992i
30.0	0.2078-0.0500i	7.0204+1.6833i	--	-1.2715-0.7516i	-1.7072-1.7857i	-5.6772+0.8357i	1.1267+0.4260i	5.0657+1.0645i
30.1	0.1728-0.0558i	6.9159+1.5360i	--	-1.2499-0.7389i	-1.7595-1.6869i	-5.8359+0.9187i	1.0889+0.3947i	4.8280+1.0250i
30.2	0.1326-0.0611i	6.8746+1.3549i	--	-1.2476-0.7110i	-1.7962-1.5692i	-6.0252+0.9702i	1.0539+0.3683i	4.6692+0.9638i
30.3	0.0837-0.0577i	6.8320+1.1153i	--	-1.2521-0.6522i	-1.8257-1.4435i	-6.2442+0.9911i	1.0054+0.3300i	4.5121+0.8368i
30.4	0.0518-0.0358i	6.7501+0.9878i	--	-1.2709-0.6055i	-1.7664-1.3436i	-6.3443+1.0363i	0.9724+0.3228i	4.4862+0.8008i
30.5	0.0220-0.0090i	6.7227+0.8678i	--	-1.3076-0.5326i	-1.6832-1.3280i	-6.4811+1.0910i	0.9651+0.3039i	4.5662+0.6264i
30.6	0.0082+0.0190i	6.6870+0.7231i	--	-1.2906-0.4382i	-1.6562-1.4005i	-6.7058+1.1792i	0.9545+0.2748i	4.5212+0.2938i
30.7	0.0023+0.0459i	6.6292+0.5896i	--	-1.2437-0.3636i	-1.6917-1.4472i	-6.9181+1.2993i	0.9380+0.2550i	4.3493+0.0485i
30.8	-0.0084+0.0860i	6.6104+0.4215i	--	-1.1847-0.3128i	-1.7897-1.4149i	-7.2465+1.5916i	0.9188+0.2452i	4.0761-0.0713i

30.9	0.0008+0.1101i	6.5918+0.2975i	--	-1.1222-0.2741i	-1.8833-1.3578i	-7.3951+1.7711i	0.9014+0.2280i	3.8154-0.1319i
31.0	0.0136+0.1164i	6.6175+0.1670i	--	-1.0815-0.2429i	-1.9807-1.2812i	-7.4825+1.9240i	0.8978+0.2179i	3.6246-0.1730i
31.1	0.0186+0.1195i	6.6647-0.0076i	--	-1.0561-0.2310i	-2.0508-1.1442i	-7.6131+2.0471i	0.8953+0.2089i	3.5001-0.1271i
31.2	0.0222+0.1300i	6.6661-0.1768i	--	-1.0359-0.2253i	-2.0709-1.0166i	-7.7650+2.2162i	0.9016+0.1978i	3.4484-0.0714i
31.3	0.0264+0.1426i	6.6472-0.3530i	--	-1.0209-0.2230i	-2.0669-0.8655i	-7.9901+2.5436i	0.9056+0.1861i	3.4217-0.0059i
31.4	0.0248+0.1513i	6.6546-0.4826i	--	-0.9937-0.2110i	-2.1153-0.8131i	-8.1132+2.7042i	0.8850+0.1650i	3.2840-0.0333i
31.5	0.0329+0.1599i	6.6857-0.5971i	--	-0.9888-0.1494i	-2.1279-0.7847i	-8.1554+2.8002i	0.8843+0.1053i	3.2530-0.2247i
31.6	0.0397+0.1688i	6.7497-0.8935i	--	-1.0267-0.1602i	-2.0500-0.5790i	-8.4830+3.2780i	0.9284+0.1065i	3.4667-0.0937i
31.7	0.0454+0.1737i	6.7608-1.0961i	--	-1.0558-0.1142i	-2.0012-0.5086i	-8.5689+3.5553i	0.9467+0.0614i	3.5818-0.2248i
31.8	0.0609+0.1834i	6.8135-1.3878i	--	-1.0540-0.0307i	-1.9781-0.4543i	-8.7135+3.8888i	0.9610-0.0062i	3.6366-0.4814i
31.9	0.0668+0.1884i	6.7648-1.6874i	--	-0.9974+0.0456i	-1.9577-0.4169i	-8.8490+4.2437i	0.9234-0.0854i	3.4981-0.7649i
32.0	0.0871+0.1924i	6.6978-2.0081i	--	-0.9020+0.0802i	-2.0151-0.3696i	-8.9342+4.7896i	0.8375-0.1524i	3.1620-0.9799i
32.1	0.0977+0.1906i	6.5898-2.3362i	--	-0.8645+0.1389i	-2.0117-0.2973i	-8.8622+5.2003i	0.7867-0.2135i	2.9961-1.2101i
32.2	0.0918+0.1882i	6.5182-2.6316i	--	-0.7907+0.2484i	-2.0281-0.2875i	-8.9595+5.4992i	0.7021-0.3100i	2.7074-1.6139i
32.3	0.0989+0.1985i	6.3411-2.9924i	--	-0.6558+0.2965i	-2.0112-0.2269i	-9.0541+6.1604i	0.5837-0.3664i	2.2673-1.8271i
32.4	0.1087+0.1987i	6.1510-3.3402i	--	-0.6229+0.2813i	-1.9850-0.0870i	-8.8202+6.8669i	0.5008-0.3362i	2.0413-1.7578i
32.5	0.1274+0.2111i	5.9719-3.3896i	--	-0.5046+0.2956i	-2.0140-0.0694i	-8.5754+7.0120i	0.3874-0.3191i	1.5836-1.7647i
32.6	0.1492+0.2024i	5.6566-3.5996i	--	-0.4604+0.2611i	-1.9622+0.0463i	-8.0336+7.4596i	0.3147-0.2636i	1.3321-1.5889i
32.7	0.1887+0.1946i	5.2951-3.7791i	--	-0.3684+0.1624i	-1.8972+0.1852i	-7.4463+7.9581i	0.2197-0.1590i	0.9784-1.2054i
32.8	0.2176+0.1732i	5.0211-3.7672i	--	-0.3379+0.0757i	-1.8268+0.2237i	-6.8654+8.0067i	0.1887-0.0701i	0.8420-0.8818i
32.9	0.2427+0.1088i	4.5820-3.7100i	--	-0.2992+0.0744i	-1.6756+0.2266i	-6.0638+7.5303i	0.1773-0.0101i	0.7424-0.7380i
33.0	0.2533+0.0453i	4.2604-3.7423i	--	-0.2935+0.0265i	-1.5640+0.2962i	-5.5493+7.2677i	0.1865+0.0545i	0.7502-0.5048i
33.1	0.2484+0.0065i	4.0892-3.6908i	--	-0.2093-0.0199i	-1.5268+0.2888i	-5.5014+7.0066i	0.1287+0.1131i	0.5093-0.3060i
33.2	0.2266-0.0404i	3.9907-3.6065i	--	-0.2005-0.0858i	-1.4803+0.3103i	-5.5070+6.7153i	0.1265+0.1989i	0.4983-0.0244i
33.3	0.1812-0.0868i	3.8889-3.4983i	--	-0.1970-0.1634i	-1.4065+0.2919i	-5.7031+6.4081i	0.1381+0.2967i	0.5331+0.2907i
33.4	0.1421-0.1434i	3.8379-3.3863i	--	-0.1931-0.2277i	-1.3547+0.2527i	-5.9282+6.0433i	0.1438+0.3781i	0.5521+0.5427i
33.5	0.0594-0.1837i	3.9613-3.4494i	--	-0.2054-0.2550i	-1.3751+0.2009i	-6.6144+5.9419i	0.1854+0.4346i	0.6524+0.6551i
33.6	-0.0403-0.2158i	3.9586-3.5060i	--	-0.2101-0.3018i	-1.3966+0.1669i	-7.1973+5.9051i	0.2307+0.5198i	0.7140+0.8528i
33.7	-0.1215-0.2420i	4.0843-3.5835i	--	-0.2602-0.5334i	-1.4663+0.0892i	-7.9271+6.3182i	0.3199+0.7306i	0.9508+1.5096i
33.8	-0.2299-0.2217i	4.0908-3.7125i	--	-0.3841-0.6479i	-1.5192+0.0577i	-8.3836+6.8454i	0.4819+0.8276i	1.3821+1.8139i
33.9	-0.3451-0.1719i	3.9620-3.5891i	--	-0.5604-0.6294i	-1.5863+0.0178i	-8.6209+6.9681i	0.7025+0.7815i	1.9585+1.7321i
34.0	-0.4379-0.1230i	4.0071-3.5918i	--	-0.6873-0.5831i	-1.7006-0.0047i	-9.0716+7.1616i	0.8427+0.7202i	2.3403+1.5737i
34.1	-0.5194-0.0011i	4.1077-3.7440i	--	-0.8042-0.5161i	-1.8527+0.0672i	-9.5784+7.9583i	0.9443+0.6281i	2.6534+1.3426i
34.2	-0.5691+0.1052i	4.1869-3.9011i	--	-0.8698-0.4170i	-1.9822+0.1785i	-10.0352+8.7318i	0.9870+0.5006i	2.8193+1.0254i
34.3	-0.6118+0.2023i	4.3987-4.0562i	--	-0.8994-0.2984i	-2.0896+0.2822i	-10.7533+9.4349i	1.0151+0.4141i	2.9363+0.7218i
34.4	-0.6132+0.3542i	4.4660-4.4837i	--	-0.8597-0.2351i	-2.1630+0.4695i	-11.1271+11.0041i	1.0047+0.3673i	2.8961+0.5596i
34.5	-0.6387+0.4830i	4.4196-4.8768i	--	-0.8318-0.1691i	-2.2196+0.6363i	-11.4215+12.3124i	1.0002+0.3395i	2.8748+0.4063i
34.6	-0.6507+0.6185i	4.3671-5.2089i	--	-0.7805-0.0928i	-2.2329+0.8061i	-11.6096+13.6878i	0.9718+0.3053i	2.7798+0.2252i
34.7	-0.5982+0.8051i	4.1937-5.7821i	--	-0.6761-0.0913i	-2.2097+1.0507i	-11.4005+16.0337i	0.9550+0.3267i	2.6450+0.2125i
34.8	-0.5213+0.9785i	3.9444-6.2018i	--	-0.6103-0.1448i	-2.1702+1.2512i	-10.7706+18.1219i	0.9755+0.3778i	2.5803+0.2699i
34.9	-0.3850+1.1134i	3.5248-6.5164i	--	-0.5613-0.1943i	-2.0355+1.4364i	-9.3526+19.8277i	1.0021+0.4183i	2.5326+0.3288i
35.0	-0.2289+1.3079i	3.0313-6.9981i	--	-0.5170-0.2869i	-1.9090+1.6561i	-7.6800+22.2620i	1.0792+0.5248i	2.5513+0.5205i
35.1	-0.0250+1.4297i	2.4469-7.2882i	--	-0.5400-0.3999i	-1.7253+1.8002i	-5.3685+23.9148i	1.2137+0.5836i	2.7237+0.6714i
35.2	0.2874+1.4828i	1.7323-7.4441i	--	-0.5958-0.5664i	-1.4624+1.9193i	-1.9188+25.1501i	1.4107+0.6275i	2.9602+0.9090i
35.3	0.4974+1.4825i	1.1552-7.3268i	--	-0.6911-0.6754i	-1.2772+1.9242i	0.7605+25.3053i	1.5644+0.6448i	3.1851+1.0583i
35.4	0.8366+1.3813i	0.3819-7.0419i	--	-0.8793-0.8249i	-1.0055+1.8858i	4.7284+24.7046i	1.8499+0.5736i	3.7113+1.1420i
35.5	1.0579+1.1908i	0.0095-6.6420i	--	-1.0804-0.8603i	-0.8580+1.7682i	7.3070+23.0770i	2.0602+0.4212i	4.1703+0.9709i
35.6	1.2418+0.9580i	-0.3273-6.2734i	--	-1.4363-0.8599i	-0.7944+1.6007i	10.1433+21.0334i	2.3866+0.2245i	4.8959+0.6783i
35.7	1.3497+0.7213i	-0.4001-5.8397i	--	-1.7495-0.7129i	-0.8609+1.4867i	11.8528+18.3362i	2.6324-0.0874i	5.4537+0.1548i
35.8	1.3691+0.5099i	-0.2971-5.6078i	--	-1.9972-0.5086i	-0.9468+1.4685i	12.5153+15.9742i	2.7754-0.4291i	5.8850-0.4513i
35.9	1.3386+0.1917i	-0.1952-5.4115i	--	-2.2063-0.1211i	-1.0270+1.5224i	12.5562+12.5882i	2.8078-1.0069i	6.1466-1.5388i
36.0	1.2504-0.0223i	-0.0753-5.3821i	--	-2.2439+0.2113i	-1.0846+1.6232i	11.7050+10.4887i	2.6824-1.4534i	6.0182-2.4258i
36.1	1.0586-0.2320i	-0.0498-5.4876i	--	-2.2661+0.6284i	-1.1145+1.7781i	10.4898+8.3005i	2.4474-1.9298i	5.7291-3.4589i
36.2	0.8071-0.3498i	-0.1707-5.8344i	--	-2.1372+1.1143i	-1.0412+2.0516i	8.8616+6.9202i	2.0227-2.3696i	5.0591-4.5127i
36.3	0.5907-0.3250i	-0.4987-6.1001i	--	-1.8550+1.4768i	-0.8477+2.2715i	7.4279+6.6231i	1.5417-2.5836i	4.1421-5.1644i
36.4	0.4190-0.2254i	-1.0328-6.2271i	--	-1.5210+1.7261i	-0.5796+2.3951i	6.3242+6.7260i	1.0829-2.6722i	3.1899-5.5401i
36.5	0.3040-0.0483i	-1.6215-6.1152i	--	-1.0768+1.8458i	-0.2609+2.4221i	5.2669+7.2580i	0.6094-2.5668i	2.1091-5.5134i
36.6	0.3150+0.0822i	-1.9851-5.8266i	--	-0.7174+1.7961i	-0.0271+2.3546i	4.9146+7.7932i	0.3199-2.3709i	1.3667-5.1730i
36.7	0.3567+0.1832i	-2.3668-5.5128i	--	-0.4106+1.6933i	0.2089+2.2330i	4.8771+8.1314i	0.0974-2.1939i	0.7585-4.8314i
36.8	0.4351+0.2660i	-2.6325-5.1041i	--	-0.1446+1.5704i	0.3633+2.0708i	4.7946+8.3803i	-0.0583-2.0035i	0.2781-4.4364i
36.9	0.5165+0.2633i	-2.6763-4.7786i	--	0.0276+1.3800i	0.4490+1.9546i	4.7631+8.7159i	-0.1447-1.8701i	0.0001-4.0568i
37.0	0.5944+0.2783i	-2.6310-4.6146i	--	0.1455+1.1786i	0.4941+1.8904i	4.7776+9.3914i	-0.2195-1.7665i	-0.1967-3.7190i
37.1	0.6620+0.3207i	-2.6952-4.3732i	--	0.2044+1.0439i	0.5355+1.7896i	5.0212+9.7775i	-0.2641-1.6537i	-0.3225-3.4227i

37.2	0.7672+0.3226i	-2.7441-4.1614i	--	0.2651+0.9054i	0.5854+1.6901i	5.4533+10.0325i	-0.2970-1.5665i	-0.4300-3.1648i
37.3	0.8993+0.2711i	-2.8058-3.9629i	--	0.3085+0.7715i	0.6169+1.6084i	6.0650+10.1776i	-0.3183-1.5037i	-0.4896-2.9323i
37.4	1.0474+0.1763i	-2.8661-3.6852i	--	0.3581+0.6053i	0.6379+1.5166i	6.7135+10.1719i	-0.3631-1.4717i	-0.5932-2.7105i
37.5	1.1166+0.0462i	-2.8717-3.4623i	--	0.3513+0.4807i	0.6589+1.4326i	7.2901+9.8364i	-0.3974-1.4407i	-0.6194-2.5423i
37.6	1.1255-0.1897i	-2.8762-3.2575i	--	0.3020+0.2990i	0.7292+1.3769i	8.0892+9.3979i	-0.5072-1.4189i	-0.6875-2.3267i
37.7	1.0735-0.3942i	-2.8451-3.1424i	--	0.2275+0.1491i	0.7915+1.3413i	8.7488+9.0622i	-0.6234-1.4004i	-0.7488-2.1514i
37.8	0.9416-0.5072i	-2.7558-3.0576i	--	0.1138+0.0750i	0.7965+1.2869i	8.9533+8.5873i	-0.7061-1.3388i	-0.7164-2.0185i
37.9	0.7589-0.5573i	-2.7203-3.0281i	--	-0.0103+0.0171i	0.8294+1.2047i	8.9268+8.0541i	-0.8014-1.2560i	-0.6921-1.8944i
38.0	0.6374-0.5576i	-2.7427-2.9670i	--	-0.1364-0.0212i	0.8364+1.1188i	9.0397+7.6735i	-0.8821-1.1630i	-0.6744-1.7621i
38.1	0.6190-0.5587i	-2.8022-2.9076i	--	-0.1840-0.0141i	0.8377+1.0898i	9.3267+7.4649i	-0.9035-1.0615i	-0.6890-1.6591i
38.2	0.5919-0.5800i	-2.9463-2.8496i	--	-0.2426-0.0204i	0.8869+1.0524i	9.8323+7.2359i	-0.9536-0.9790i	-0.7282-1.5721i
38.3	0.4634-0.6192i	-3.0552-2.7345i	--	-0.3790-0.0254i	0.9162+0.9861i	10.1007+6.6552i	-1.0273-0.9226i	-0.7142-1.4981i
38.4	0.4034-0.6956i	-3.1874-2.5503i	--	-0.4440-0.0857i	0.9635+0.8942i	10.6032+6.1261i	-1.0639-0.8686i	-0.7252-1.3552i
38.5	0.3017-0.7128i	-3.2215-2.3524i	--	-0.5656-0.0932i	0.9598+0.7934i	10.8846+5.5545i	-1.1308-0.7733i	-0.6986-1.2191i
38.6	0.2075-0.6601i	-3.1901-2.2160i	--	-0.6512-0.0034i	0.9530+0.7368i	10.9682+4.9642i	-1.1836-0.6460i	-0.6906-1.1402i
38.7	0.1348-0.6025i	-3.1608-2.0759i	--	-0.7174+0.0889i	0.9511+0.6974i	11.0765+4.4281i	-1.2264-0.5523i	-0.6827-1.0986i
38.8	0.0901-0.6194i	-3.1656-1.8359i	--	-0.8151+0.0964i	0.9171+0.6169i	11.3377+3.8536i	-1.2857-0.4813i	-0.6551-1.0028i
38.9	0.0064-0.5138i	-3.1053-1.7010i	--	-0.9000+0.2727i	0.9004+0.5863i	11.3010+3.0773i	-1.3284-0.3212i	-0.6247-0.9673i
39.0	-0.0087-0.4667i	-3.0678-1.6040i	--	-0.9178+0.3456i	0.8964+0.5361i	11.2718+2.5526i	-1.3436-0.2142i	-0.6247-0.9058i
39.1	-0.0251-0.4067i	-3.0595-1.5054i	--	-0.9328+0.4602i	0.8791+0.5059i	11.1859+1.9961i	-1.3465-0.0800i	-0.6090-0.8566i
39.2	-0.0547-0.3444i	-3.0505-1.4233i	--	-0.9675+0.5874i	0.8628+0.4695i	11.1346+1.2773i	-1.3671+0.0697i	-0.5897-0.8087i
39.3	-0.0166-0.2484i	-3.0463-1.3777i	--	-0.9002+0.7596i	0.8638+0.4460i	10.9954+0.6831i	-1.2956+0.2257i	-0.5870-0.7992i
39.4	-0.0116-0.2015i	-2.9628-1.2462i	--	-0.8476+0.9453i	0.8285+0.4195i	10.5507-0.1754i	-1.2155+0.4223i	-0.5564-0.7617i
39.5	-0.0460-0.1768i	-2.9173-1.1292i	--	-0.8213+1.0623i	0.7877+0.3779i	10.0939-0.9564i	-1.1492+0.5731i	-0.5187-0.7053i
39.6	-0.0230-0.0986i	-2.8726-1.0322i	--	-0.6877+1.1878i	0.7740+0.3504i	9.5462-1.4331i	-1.0122+0.6935i	-0.5113-0.6844i
39.7	0.0177+0.0177i	-2.7918-1.0097i	--	-0.6131+1.3603i	0.7618+0.3633i	9.2726-1.8349i	-0.9511+0.8275i	-0.5111-0.6992i
39.8	0.1100-0.0014i	-2.8139-0.9711i	--	-0.4830+1.4583i	0.7705+0.3108i	9.0337-2.6438i	-0.8557+0.9850i	-0.5362-0.6393i
39.9	0.1533-0.0381i	-2.8156-0.8360i	--	-0.2324+1.5270i	0.7380+0.2646i	7.9501-3.3474i	-0.5787+1.1156i	-0.5180-0.5613i
40.0	0.1902-0.0045i	-2.7740-0.7976i	--	-0.0145+1.6034i	0.7192+0.2735i	7.0055-3.6093i	-0.3454+1.1732i	-0.5031-0.5537i
40.1	0.2400-0.1088i	-2.7743-0.6637i	--	0.1650+1.4501i	0.7123+0.1882i	6.3698-3.7693i	-0.1743+1.1043i	-0.5010-0.4595i
40.2	0.2777-0.1157i	-2.7442-0.6002i	--	0.3510+1.3830i	0.7028+0.1881i	5.6298-3.6301i	0.0129+1.0326i	-0.4879-0.4438i
40.3	0.2544-0.1433i	-2.6720-0.4953i	--	0.4467+1.3069i	0.6647+0.1688i	4.8993-3.5895i	0.1423+0.9776i	-0.4533-0.4089i
40.4	0.2197-0.1881i	-2.5909-0.4119i	--	0.5388+1.1955i	0.6109+0.1527i	4.0637-3.4022i	0.2863+0.8839i	-0.3970-0.3764i
40.5	0.2210-0.2191i	-2.5470-0.4080i	--	0.6264+1.0466i	0.6015+0.1392i	3.5171-2.9809i	0.3771+0.7420i	-0.3773-0.3696i
40.6	0.1838-0.2150i	-2.5520-0.4182i	--	0.5968+0.9305i	0.5902+0.1354i	3.4145-2.4654i	0.3517+0.6189i	-0.3805-0.3784i
40.7	0.2152-0.1798i	-2.5743-0.3221i	--	0.6188+0.8461i	0.5835+0.1411i	3.4232-2.0135i	0.3542+0.5326i	-0.3967-0.3470i
40.8	0.3160-0.1523i	-2.5333-0.2334i	--	0.7450+0.8336i	0.6050+0.1495i	3.2778-1.9351i	0.4490+0.5045i	-0.4093-0.3407i
40.9	0.3302-0.2776i	-2.5088-0.1715i	--	0.7835+0.6699i	0.6067+0.0649i	3.0914-1.9912i	0.4672+0.4368i	-0.4249-0.2756i
41.0	0.3213-0.3762i	-2.5223-0.1361i	--	0.7892+0.4821i	0.5918+0.0260i	2.9709-1.7502i	0.4543+0.3007i	-0.4581-0.2275i
41.1	0.2954-0.3974i	-2.4828-0.0470i	--	0.8452+0.4123i	0.5338+0.0682i	2.3503-1.5562i	0.5585+0.2019i	-0.4133-0.2107i
41.2	0.2485-0.4329i	-2.3762+0.0160i	--	0.8752+0.3280i	0.5069+0.1134i	1.8553-1.2899i	0.6390+0.0932i	-0.3624-0.2160i
41.3	0.1314-0.4846i	-2.2824+0.0203i	--	0.7419+0.1561i	0.5063+0.1190i	1.9038-0.7563i	0.5197-0.0716i	-0.3438-0.1924i
41.4	-0.0146-0.4693i	-2.2870+0.0813i	--	0.5729+0.1142i	0.5165+0.1051i	1.9374-0.5713i	0.3580-0.0837i	-0.3249-0.1400i
41.5	-0.0240-0.3987i	-2.3621+0.1636i	--	0.5459+0.1594i	0.5128+0.0572i	1.9655-0.6101i	0.3513-0.0021i	-0.3058-0.1049i
41.6	-0.0195-0.3672i	-2.2662+0.2449i	--	0.5935+0.0942i	0.4889+0.1077i	1.6625-0.1011i	0.4202-0.1478i	-0.2770-0.1490i
41.7	-0.0259-0.3316i	-2.1627+0.3011i	--	0.5853+0.0864i	0.5004+0.1401i	1.6628+0.1646i	0.3854-0.1958i	-0.2897-0.1780i
41.8	-0.0815-0.2256i	-2.1098+0.3501i	--	0.5637+0.1454i	0.4678+0.1366i	1.4572+0.3087i	0.3910-0.1412i	-0.2732-0.1499i
41.9	-0.0547-0.1119i	-1.9997+0.4056i	--	0.5695+0.1630i	0.4570+0.1771i	1.5262+0.7961i	0.4191-0.1734i	-0.2295-0.1480i
42.0	-0.0512-0.1404i	-1.9258+0.4354i	--	0.4543+0.0968i	0.5258+0.0768i	2.2238+0.6398i	0.2300-0.1493i	-0.2647-0.0886i
42.1	-0.0187-0.0922i	-1.8178+0.3857i	--	0.5235+0.1439i	0.4478+0.1138i	1.7272+0.5474i	0.3389-0.1552i	-0.2194-0.1047i
42.2	0.0188-0.1185i	-1.7890+0.4256i	--	0.5241+0.0859i	0.4802+0.0792i	1.9011+0.6089i	0.2906-0.1801i	-0.2226-0.0933i
42.3	0.0741-0.2330i	-1.8689+0.3828i	--	0.4291-0.0942i	0.6151-0.0198i	2.7654+0.6335i	0.0320-0.2665i	-0.3236-0.0599i
42.4	0.0866-0.3117i	-1.7935+0.4831i	--	0.3970-0.1148i	0.5721-0.1002i	2.6882+0.2877i	0.0123-0.1700i	-0.3208+0.0023i
42.5	-0.0583-0.3842i	-1.6655+0.5818i	--	0.2454-0.0683i	0.4516-0.2393i	2.4591-0.4594i	0.0087+0.0315i	-0.2400+0.1082i
42.6	-0.1777-0.3926i	-1.6472+0.5418i	--	0.1186-0.0889i	0.4607-0.2821i	2.4972-0.4643i	-0.1143+0.0589i	-0.2434+0.1430i
42.7	-0.0909-0.2952i	-1.5717+0.4605i	--	0.2807-0.1439i	0.4694-0.0307i	2.1506+0.7346i	0.0356-0.2231i	-0.2207+0.0119i
42.8	-0.0636-0.2182i	-1.5247+0.4584i	--	0.3627-0.1528i	0.4514+0.0712i	1.9573+1.3038i	0.1287-0.3170i	-0.2112-0.0169i
42.9	-0.0666-0.2097i	-1.4448+0.4411i	--	0.3301-0.1975i	0.4256+0.0101i	2.1277+1.2549i	0.1305-0.3117i	-0.1900+0.0300i
43.0	-0.1043-0.2184i	-1.4607+0.2925i	--	0.2362-0.1668i	0.3095-0.0494i	1.9394+0.7804i	0.1310-0.2314i	-0.1338+0.0668i
43.1	-0.1906-0.1712i	-1.5780+0.2919i	--	0.1868-0.0657i	0.2491-0.0062i	1.4198+0.7076i	0.1320-0.1666i	-0.1086+0.0526i
43.2	-0.2578-0.1503i	-1.6253+0.4049i	--	0.1366-0.0435i	0.3221-0.0303i	1.4901+0.7846i	0.0303-0.1230i	-0.1398+0.0730i
43.3	-0.2202-0.0919i	-1.6587+0.4149i	--	0.1583-0.0824i	0.4345+0.0611i	1.8652+1.4117i	-0.0526-0.2278i	-0.1956+0.0565i
43.4	-0.1427-0.0577i	-1.6982+0.4976i	--	0.2384-0.1295i	0.5353+0.1350i	2.0743+1.8773i	-0.0484-0.3376i	-0.2065+0.0531i

43.5	-0.1782-0.0472i	-1.6484+0.5934i	--	0.1478-0.1224i	0.5272-0.1024i	2.2566+1.4594i	-0.1074-0.1578i	-0.1657+0.1337i
43.6	-0.1144+0.0042i	-1.5299+0.5771i	--	0.1478-0.1361i	0.3941-0.1714i	2.4332+1.6813i	-0.0130-0.1334i	-0.1243+0.1447i
43.7	-0.1267-0.0998i	-1.6070+0.5565i	--	0.0192-0.1999i	0.4449-0.1680i	2.9925+1.3410i	-0.2092-0.2066i	-0.1660+0.1423i
43.8	-0.1416-0.0825i	-1.6219+0.6045i	--	0.0291-0.2006i	0.4370+0.0258i	2.8258+1.7751i	-0.2112-0.3464i	-0.1384+0.1032i
43.9	-0.1181+0.0683i	-1.4445+0.8663i	--	0.0914-0.0667i	0.3626-0.0763i	2.6108+1.7414i	-0.0944-0.1280i	-0.0988+0.1847i
44.0	-0.0796+0.0658i	-1.3086+0.8947i	--	0.1163-0.0889i	0.2895-0.1855i	2.5064+1.5867i	0.0038-0.0328i	-0.0353+0.2618i
44.1	-0.0859+0.0322i	-1.2663+0.8179i	--	0.0627-0.1598i	0.1986-0.1600i	2.5555+1.7995i	0.0363-0.1192i	0.0321+0.2469i
44.2	-0.0792+0.0380i	-1.2559+0.7182i	--	0.0036-0.2010i	0.2780+0.0288i	3.0797+2.2430i	-0.0772-0.3144i	0.0370+0.1650i
44.3	-0.0773-0.0617i	-1.2264+0.5096i	--	-0.1117-0.2719i	0.6057-0.0003i	4.0895+1.9760i	-0.4311-0.4150i	-0.0242+0.0277i
44.4	-0.0606-0.0314i	-1.1491+0.4634i	--	-0.1428-0.1919i	0.4336-0.0571i	4.0818+1.4718i	-0.3792-0.3464i	-0.0210-0.0196i
44.5	-0.0383+0.0200i	-1.2735+0.5480i	--	-0.1324-0.1208i	0.1868+0.0197i	3.6590+1.4121i	-0.2392-0.3050i	-0.0366+0.0337i
44.6	-0.0468+0.0815i	-1.2487+0.7818i	--	-0.1773-0.0551i	0.2624+0.0087i	3.8178+1.3739i	-0.3325-0.1423i	-0.0388+0.2038i
44.7	0.0367+0.0311i	-1.1775+0.6786i	--	-0.1743-0.0337i	0.3141+0.0121i	4.2208+1.0734i	-0.3111-0.1334i	0.0791+0.1605i
44.8	-0.0595-0.0028i	-1.2202+0.5412i	--	-0.1372+0.0755i	0.2628+0.0513i	3.4984+0.5223i	-0.2688-0.1369i	0.0291+0.0335i
44.9	-0.1876+0.0552i	-1.4416+0.7009i	--	-0.1880+0.1130i	0.4417-0.1260i	3.5213+0.4059i	-0.5247+0.0482i	-0.1974+0.1158i
45.0	-0.0977+0.1140i	-1.3361+0.7549i	--	-0.1510+0.1003i	0.5107-0.1061i	3.9774+0.5222i	-0.5562+0.0782i	-0.1789+0.1758i
45.1	0.0671+0.1542i	-1.2730+0.9054i	--	-0.0278+0.1408i	0.2651-0.1701i	3.6531+0.1640i	-0.2415+0.1849i	-0.0438+0.2696i
45.2	0.0552+0.1178i	-1.3695+0.9915i	--	-0.0106+0.1409i	0.2340-0.2269i	3.1990+0.0262i	-0.2278+0.2290i	-0.0732+0.2793i
45.3	0.1090+0.0391i	-1.1904+1.1214i	--	-0.0052+0.0972i	0.1998-0.0787i	3.3426+0.1835i	-0.2155+0.1625i	-0.0371+0.3306i
45.4	0.1042-0.0593i	-0.9304+1.0967i	--	0.0144+0.0526i	0.1288+0.1534i	3.1499+0.3154i	-0.1005-0.0213i	0.0963+0.2961i
45.5	-0.0369+0.0273i	-0.9986+1.0938i	--	0.0058+0.1119i	0.2036-0.0178i	2.7285+0.3642i	-0.1525+0.1463i	0.0509+0.3139i
45.6	-0.0599+0.0522i	-0.9781+0.9941i	--	-0.0438+0.0698i	0.3877+0.0505i	3.1041+0.8156i	-0.3265+0.0411i	0.0419+0.2408i
45.7	-0.0205+0.0674i	-0.8521+1.1052i	--	-0.0341+0.0704i	0.3942+0.1012i	3.4503+0.9002i	-0.3252+0.0142i	0.0691+0.2293i
45.8	-0.0132+0.1775i	-0.7275+1.2251i	--	-0.0142+0.1462i	0.2281-0.0888i	3.4442+0.6648i	-0.2410+0.2199i	0.0165+0.3066i
45.9	0.0073+0.2551i	-0.5039+1.1670i	--	-0.0153+0.1754i	0.1640-0.1456i	3.7104+0.2496i	-0.2644+0.4346i	-0.0647+0.5270i
46.0	0.1282+0.2776i	-0.3973+0.9041i	--	0.0338+0.1585i	0.1463-0.1223i	3.4120-0.0515i	-0.0577+0.5170i	0.1777+0.6829i
46.1	0.1804+0.1015i	-0.4962+0.5678i	--	-0.0164+0.1293i	0.3186+0.0028i	3.4732-0.2400i	-0.0439+0.3242i	0.4189+0.4366i
46.2	0.0761+0.0256i	-0.6932+0.4088i	--	0.0037+0.1866i	0.3512+0.0032i	2.8734-0.4410i	-0.0487+0.2685i	0.3536+0.2302i
46.3	0.0415+0.1603i	-0.7312+0.6310i	--	0.0371+0.1216i	0.3447-0.0328i	2.8851+0.4456i	0.0202+0.2491i	0.3691+0.3416i
46.4	0.1305+0.2344i	-0.8271+0.7298i	--	0.0084+0.1458i	0.3724-0.1951i	3.4147+0.2136i	-0.0022+0.2972i	0.3973+0.2821i
46.5	0.2119+0.1603i	-0.9560+0.7965i	--	-0.0050+0.1644i	0.2933-0.2482i	3.5777-0.1837i	-0.0344+0.2782i	0.3304+0.1858i
46.6	0.1730+0.1257i	-0.9302+0.9004i	--	-0.0077+0.2016i	0.3043-0.2464i	3.4271-0.3901i	-0.1362+0.3117i	0.2137+0.1747i
46.7	0.1983+0.1171i	-0.7151+0.9902i	--	0.0564+0.2106i	0.2136-0.1993i	3.0211-0.4465i	-0.0347+0.3864i	0.2624+0.3018i
46.8	0.1930+0.0915i	-0.6711+0.9506i	--	0.0633+0.1933i	0.2305-0.2105i	2.8800-0.3001i	0.0083+0.3586i	0.3358+0.2349i
46.9	0.2142+0.0916i	-0.5262+1.0752i	--	0.0850+0.1907i	0.0998-0.2026i	3.0454-0.1711i	0.0312+0.3402i	0.2301+0.2324i
47.0	0.1974+0.0779i	-0.2889+1.0850i	--	0.1109+0.1973i	0.0045-0.1037i	2.8206-0.5498i	0.1172+0.3922i	0.2707+0.4003i
47.1	0.1708+0.1480i	-0.2981+0.8622i	--	0.0974+0.2142i	0.2653-0.0275i	2.5495-0.3771i	0.0969+0.5051i	0.4824+0.5379i
47.2	0.2115+0.1372i	-0.3001+0.8760i	--	0.0953+0.2430i	0.3426-0.2610i	2.7917-0.1952i	0.2062+0.5272i	0.6750+0.2781i
47.3	0.1904+0.1712i	-0.3149+0.7542i	--	0.1006+0.3035i	0.3246-0.3669i	2.8037-0.2260i	0.3074+0.4690i	0.7849+0.0096i
47.4	0.2121+0.2525i	-0.4276+0.7460i	--	0.1938+0.3502i	0.1548-0.5340i	2.7135-0.1269i	0.3529+0.3758i	0.5353-0.2951i
47.5	0.3249+0.3433i	-0.5389+0.7713i	--	0.3404+0.3231i	-0.1154-0.4814i	2.7765+0.2295i	0.3144+0.2813i	0.0542-0.3087i
47.6	0.4869+0.2674i	-0.4401+0.8658i	--	0.3553+0.1829i	-0.1705-0.2565i	3.4964+0.2325i	0.2455+0.2493i	-0.0571+0.0266i
47.7	0.5457+0.1180i	-0.3735+0.8540i	--	0.3242+0.1367i	-0.1456-0.1916i	3.6445-0.5557i	0.2841+0.2796i	0.0759+0.1757i
47.8	0.5193+0.0718i	-0.3155+0.8615i	--	0.3283+0.1000i	-0.2222-0.1321i	3.3694-0.3516i	0.2784+0.2790i	0.0304+0.2389i
47.9	0.5490-0.0161i	-0.1800+0.8008i	--	0.2943+0.0525i	-0.1895+0.0586i	3.6328-0.5967i	0.2774+0.2501i	0.1491+0.3887i
48.0	0.5447-0.0748i	-0.1214+0.7036i	--	0.2684+0.0614i	-0.1243+0.1061i	3.6817-1.1976i	0.3276+0.2688i	0.2915+0.4175i
48.1	0.5749-0.1478i	-0.1722+0.5706i	--	0.2922+0.0918i	-0.0248+0.0764i	3.1186-1.9029i	0.4142+0.2920i	0.4452+0.3532i
48.2	0.4668-0.2544i	-0.3140+0.5962i	--	0.2932+0.0542i	0.0305+0.1052i	2.3368-1.6197i	0.3658+0.2131i	0.3853+0.2352i
48.3	0.3759-0.2211i	-0.3302+0.6815i	--	0.2900+0.0244i	0.0328+0.0777i	2.0520-1.2376i	0.3658+0.2318i	0.3501+0.3306i
48.4	0.3807-0.2090i	-0.2915+0.7200i	--	0.3297+0.0237i	-0.0222-0.0184i	1.9319-0.8585i	0.4335+0.1959i	0.3370+0.2079i
48.5	0.3599-0.1856i	-0.3380+0.7461i	--	0.3087-0.0141i	-0.0341+0.0745i	2.3792-0.4844i	0.3904+0.1710i	0.2591+0.2930i
48.6	0.3501-0.2923i	-0.2347+0.7099i	--	0.2921-0.0611i	-0.0364+0.1689i	2.5296-0.9429i	0.4151+0.1021i	0.3197+0.3316i
48.7	0.2947-0.3105i	-0.1772+0.7025i	--	0.2864-0.0533i	-0.0193+0.1895i	2.2337-1.1407i	0.4229+0.1021i	0.3648+0.3541i
48.8	0.2785-0.2463i	-0.1340+0.5921i	--	0.2780-0.0427i	0.0614+0.1619i	2.3962-1.2269i	0.4604+0.1014i	0.4363+0.3108i
48.9	0.2986-0.2432i	-0.1619+0.5074i	--	0.3070-0.0473i	0.0735+0.1036i	2.1367-1.5529i	0.5100+0.0510i	0.4498+0.2444i
49.0	0.3253-0.2584i	-0.2625+0.5541i	--	0.3348-0.1134i	0.0083+0.1845i	1.7483-1.0418i	0.4526-0.0006i	0.3462+0.3173i
49.1	0.3446-0.3485i	-0.2634+0.5979i	--	0.2952-0.1893i	0.0404+0.2727i	1.9008-0.8743i	0.4447-0.0371i	0.4181+0.4069i
49.2	0.2425-0.4085i	-0.2064+0.6191i	--	0.2590-0.1950i	0.1141+0.2289i	1.6071-0.8917i	0.4226-0.0403i	0.4758+0.3708i
49.3	0.1862-0.4089i	-0.1622+0.5726i	--	0.2501-0.2048i	0.1809+0.2115i	1.4871-0.6895i	0.4484-0.0697i	0.5637+0.3224i
49.4	0.0709-0.3901i	-0.1880+0.5572i	--	0.1991-0.2092i	0.2362+0.1823i	1.6534-0.6386i	0.4218-0.1246i	0.5650+0.2475i
49.5	0.0683-0.3535i	-0.2185+0.5381i	--	0.1784-0.2115i	0.1644+0.2100i	1.5754-0.7431i	0.3457-0.1794i	0.4817+0.2444i
49.6	0.0139-0.3520i	-0.2646+0.5709i	--	0.1902-0.2634i	0.0937+0.2536i	1.1415-0.3272i	0.3303-0.2000i	0.4078+0.3643i
49.7	-0.0606-0.2245i	-0.2373+0.5855i	--	0.1401-0.2827i	0.1181+0.2589i	1.4305+0.3840i	0.2841-0.1903i	0.4088+0.4226i

49.8	-0.0157-0.1348i	-0.1220+0.6031i	--	0.0786-0.2833i	0.1486+0.3933i	2.1373+0.3999i	0.2480-0.1495i	0.5157+0.6178i
49.9	0.1553-0.1001i	-0.1279+0.5095i	--	0.0608-0.2213i	0.3192+0.3360i	2.6289-0.4495i	0.3022-0.0989i	0.7671+0.5815i
50.0	0.1879-0.2037i	-0.2316+0.5435i	--	0.0794-0.1938i	0.3827+0.2889i	2.1112-0.7261i	0.3162-0.0841i	0.8428+0.4787i
50.1	0.1216-0.2255i	-0.1479+0.5354i	--	0.0453-0.2095i	0.4997+0.2684i	1.9735-0.3472i	0.3372-0.1222i	1.0388+0.3867i
50.2	0.0906-0.2368i	-0.1030+0.5226i	--	0.0451-0.2007i	0.5124+0.1138i	1.8761-0.3668i	0.3484-0.1790i	1.0518+0.1757i
50.3	0.0303-0.2003i	-0.1444+0.5472i	--	0.0556-0.2370i	0.3174+0.1030i	1.7638-0.0427i	0.2919-0.2454i	0.8160+0.1602i
50.4	0.0690-0.1640i	-0.1699+0.5639i	--	0.0385-0.2519i	0.2781+0.1776i	2.0175+0.1217i	0.2542-0.2442i	0.7752+0.2634i
50.5	0.1130-0.1179i	-0.0410+0.5876i	--	-0.0541-0.2289i	0.4794+0.2764i	2.7188+0.1574i	0.2025-0.1825i	1.0397+0.3454i
50.6	0.1863-0.1229i	-0.0040+0.4402i	--	-0.0812-0.1700i	0.5939+0.2477i	3.0652-0.3316i	0.2170-0.1296i	1.2067+0.2328i
50.7	0.2054-0.2623i	0.0004+0.3492i	--	-0.0952-0.1212i	0.7142+0.1249i	2.6540-1.0929i	0.2564-0.1759i	1.3478-0.0600i
50.8	0.0558-0.3212i	-0.0296+0.3691i	--	-0.0955-0.1217i	0.6151+0.0302i	2.0662-1.0466i	0.2272-0.1969i	1.1605-0.1408i
50.9	-0.0050-0.2036i	-0.0408+0.3489i	--	-0.1138-0.1123i	0.6144+0.0689i	2.2184-0.6165i	0.2213-0.1782i	1.2016-0.0611i
51.0	0.1104-0.2206i	-0.1018+0.2524i	--	-0.0633-0.0752i	0.6491-0.0543i	2.2337-0.9399i	0.2654-0.2394i	1.2528-0.3177i
51.1	0.0182-0.2682i	-0.1579+0.3326i	--	-0.0250-0.0716i	0.4448-0.2154i	1.7255-0.7748i	0.2288-0.2678i	0.9424-0.4608i
51.2	-0.0340-0.1089i	-0.1050+0.3972i	--	-0.0479-0.0739i	0.3794-0.0773i	1.9683-0.4727i	0.1689-0.2522i	0.8311-0.2588i
51.3	0.0930-0.1485i	-0.1630+0.3226i	--	-0.0425-0.0687i	0.4739-0.0178i	1.9477-0.8727i	0.1571-0.2326i	0.9201-0.1981i
51.4	0.0567-0.2782i	-0.2295+0.4287i	--	-0.0513-0.0991i	0.5809-0.0749i	1.4484-0.6344i	0.1796-0.2447i	1.0907-0.2513i
51.5	-0.0254-0.2276i	-0.1792+0.4372i	--	-0.0808-0.0714i	0.6279-0.1898i	1.7721-0.2082i	0.1883-0.2507i	1.1733-0.4284i
51.6	-0.0594-0.1580i	-0.1705+0.3958i	--	-0.0811-0.0404i	0.5333-0.2392i	2.0771-0.0805i	0.1515-0.2615i	1.0694-0.5389i
51.7	-0.0460-0.0779i	-0.1180+0.3753i	--	-0.0553+0.0193i	0.3932-0.3096i	2.4120-0.2384i	0.1090-0.2632i	0.8802-0.7102i
51.8	0.0146-0.0345i	-0.1234+0.3982i	--	-0.0118+0.0463i	0.3282-0.2641i	2.5824-0.5876i	0.0918-0.2532i	0.7229-0.7393i
51.9	0.1042-0.0682i	-0.1694+0.3222i	--	0.0303-0.0030i	0.4375-0.0985i	2.4719-0.7780i	0.1536-0.2201i	0.7958-0.5159i
52.0	-0.0335-0.1398i	-0.2236+0.3405i	--	0.0560-0.0546i	0.2013-0.0951i	1.8539-0.6844i	0.0600-0.2537i	0.4130-0.4436i
52.1	-0.0670+0.0239i	-0.1631+0.4732i	--	0.0302-0.0988i	0.1948+0.2099i	1.9238-0.1662i	0.0233-0.1507i	0.4259+0.0658i
52.2	0.1116+0.0574i	-0.0346+0.4039i	--	-0.0335-0.0630i	0.6634+0.1244i	2.6056-0.3112i	0.1555-0.1575i	1.1417-0.1056i
52.3	0.1511-0.0313i	-0.0632+0.2584i	--	0.0092-0.0417i	0.5410-0.1343i	2.5871-0.7470i	0.1396-0.2510i	0.9540-0.5115i
52.4	0.1817-0.0744i	-0.1581+0.2318i	--	0.0423-0.0836i	0.4894-0.0383i	2.3284-0.7420i	0.0768-0.2326i	0.7584-0.3755i
52.5	0.1658-0.0681i	-0.0928+0.1739i	--	-0.0367-0.0830i	0.7166+0.0358i	2.5393-0.5378i	0.1049-0.2030i	1.1499-0.3262i
52.6	0.2412-0.0484i	-0.1101+0.0605i	--	-0.0843+0.0019i	0.9758-0.2172i	3.0365-0.9074i	0.1433-0.2589i	1.4587-0.8195i
52.7	0.2780-0.1896i	-0.2598+0.0474i	--	-0.0136+0.0340i	0.7823-0.5590i	2.7437-1.5020i	0.1194-0.3364i	1.1218-1.2271i
52.8	0.1517-0.3184i	-0.4518+0.1974i	--	0.0451-0.0298i	0.4140-0.5755i	2.0932-1.3538i	0.0118-0.3267i	0.5280-1.1375i
52.9	-0.0593-0.2463i	-0.3744+0.3591i	--	-0.0312-0.0196i	0.3729-0.4842i	1.9437-1.0158i	-0.0304-0.3060i	0.5115-0.9894i
53.0	-0.0793-0.0116i	-0.4381+0.4023i	--	-0.0027+0.0833i	0.2910-0.6056i	2.3301-0.8444i	-0.0781-0.2915i	0.3507-1.1960i
53.1	-0.0004+0.0188i	-0.4647+0.4414i	--	0.0814+0.0603i	0.1118-0.4713i	2.2774-1.0183i	-0.1045-0.2250i	0.0307-0.9832i
53.2	0.1195+0.0558i	-0.4281+0.5604i	--	0.1307-0.0573i	0.1462-0.1124i	2.4316-0.9442i	-0.0602-0.1392i	0.0388-0.3844i
53.3	0.2544+0.0047i	-0.1568+0.6187i	--	0.0656-0.1317i	0.4730-0.0315i	2.7615-1.1844i	0.0217-0.1399i	0.5588-0.2073i
53.4	0.2589-0.1642i	-0.2233+0.3428i	--	-0.0085-0.0775i	0.6855-0.4174i	2.4759-1.9679i	0.0548-0.2258i	0.8072-0.7953i
53.5	0.1301-0.2079i	-0.3769+0.2354i	--	0.0248-0.0241i	0.3282-0.5764i	1.7371-1.8373i	-0.0416-0.2818i	0.3285-1.0388i
53.6	0.0803-0.1153i	-0.4714+0.5458i	--	0.0981-0.0258i	0.0516-0.5023i	1.7170-1.2817i	-0.1241-0.2218i	-0.1042-0.8326i
53.7	0.2365-0.0484i	-0.3050+0.5637i	--	0.1081-0.1277i	0.2177-0.0495i	2.2057-1.1539i	-0.0779-0.0964i	0.1194-0.1960i
53.8	0.2644-0.1720i	-0.1280+0.4013i	--	-0.0468-0.1480i	0.6991-0.0024i	2.3418-1.3488i	0.0281-0.0956i	0.9365-0.1448i
53.9	0.1856-0.1524i	-0.2880+0.4178i	--	-0.0305-0.0579i	0.7644-0.4525i	2.4234-1.5126i	0.0504-0.1761i	0.9620-0.7639i
54.0	0.2206-0.1617i	-0.3434+0.4112i	--	-0.0092-0.0245i	0.6870-0.7627i	2.4279-1.8121i	0.0274-0.2555i	0.7849-1.2290i
54.1	0.1993-0.1690i	-0.3265+0.4452i	--	0.0002+0.0260i	0.3976-0.9007i	2.2300-2.0533i	-0.0712-0.2860i	0.3689-1.4585i
54.2	0.1642-0.2192i	-0.3002+0.5921i	--	0.0287-0.0144i	0.1739-0.7576i	1.8698-2.2504i	-0.1175-0.2413i	0.0495-1.1634i
54.3	0.0964-0.1743i	-0.3226+0.6091i	--	0.0348-0.0160i	0.1449-0.7011i	1.7291-1.9574i	-0.1367-0.2017i	-0.0139-1.0201i
54.4	0.1500-0.1334i	-0.3415+0.6280i	--	0.0609-0.0332i	0.0959-0.7054i	1.8796-2.0844i	-0.1395-0.1646i	-0.0849-0.9500i
54.5	0.2284-0.1783i	-0.2289+0.6928i	--	0.0946-0.0626i	-0.0249-0.7058i	1.6264-2.3889i	-0.1123-0.1517i	-0.1821-0.8521i
54.6	0.2483-0.2040i	-0.2254+0.6698i	--	0.1063-0.0382i	-0.0487-0.7092i	1.4411-2.4767i	-0.1239-0.1355i	-0.2579-0.8972i
54.7	0.2205-0.2666i	-0.2061+0.6224i	--	0.0998-0.0509i	-0.0989-0.6191i	1.1093-2.4298i	-0.1187-0.1223i	-0.2664-0.7817i
54.8	0.1314-0.2437i	-0.1516+0.5162i	--	0.0910-0.0690i	-0.0754-0.4825i	0.9335-2.0200i	-0.1378-0.1042i	-0.2355-0.6261i
54.9	0.1371-0.1466i	0.0413+0.5914i	--	0.0970-0.0422i	-0.0892-0.5295i	1.1158-1.7839i	-0.1414-0.1163i	-0.1382-0.6803i
55.0	0.2454-0.1942i	-0.0565+0.6962i	--	0.1281-0.0982i	-0.0780-0.5800i	1.2106-2.1343i	-0.1179-0.1167i	-0.1795-0.7015i
55.1	0.2507-0.2728i	-0.1319+0.6195i	--	0.1158-0.1576i	-0.0954-0.4912i	1.0840-2.1986i	-0.1153-0.1108i	-0.1772-0.6037i
55.2	0.2306-0.2679i	-0.1838+0.5790i	--	0.0956-0.1545i	-0.1025-0.4514i	0.9622-2.1431i	-0.1338-0.0924i	-0.1811-0.5726i
55.3	0.2308-0.2937i	-0.1369+0.5198i	--	0.0956-0.1624i	-0.1500-0.4155i	0.7571-2.1318i	-0.1360-0.0721i	-0.2737-0.5360i
55.4	0.1935-0.3370i	0.0777+0.5136i	--	0.0793-0.1714i	-0.2124-0.3926i	0.5315-2.0430i	-0.1368-0.0874i	-0.2791-0.4961i
55.5	0.1564-0.3476i	-0.0710+0.5006i	--	0.0536-0.1792i	-0.1533-0.3558i	0.4687-1.8813i	-0.1357-0.0805i	-0.2183-0.4323i
55.6	0.1521-0.3082i	-0.1179+0.5411i	--	0.0512-0.1592i	-0.1059-0.3707i	0.6574-1.7872i	-0.1411-0.0610i	-0.1676-0.5175i
55.7	0.1550-0.3337i	0.0377+0.4479i	--	0.0457-0.1876i	-0.1964-0.3386i	0.6093-1.8332i	-0.1298-0.0626i	-0.2279-0.4444i
55.8	0.1195-0.3621i	0.0707+0.5311i	--	0.0173-0.2028i	-0.2222-0.3286i	0.4299-1.8077i	-0.1199-0.0583i	-0.2300-0.3538i
55.9	0.1157-0.3562i	-0.1359+0.4900i	--	-0.0002-0.1864i	-0.1310-0.2861i	0.3373-1.7278i	-0.1187-0.0397i	-0.2159-0.3777i
56.0	0.0986-0.3492i	-0.1364+0.3798i	--	0.0079-0.1775i	-0.1400-0.2356i	0.2855-1.6101i	-0.1386-0.0454i	-0.2325-0.3523i

56.1	0.0811−0.3218i	−0.0552+0.5706i	--	0.0084−0.1602i	−0.1368−0.3053i	0.4251−1.4557i	−0.1468−0.0330i	−0.2052−0.3849i
56.2	0.0881−0.3169i	−0.1464+0.4576i	--	−0.0133−0.1708i	−0.0980−0.2776i	0.5180−1.5106i	−0.1394−0.0151i	−0.1856−0.3993i
56.3	0.0825−0.3268i	−0.1795+0.3848i	--	−0.0251−0.1676i	−0.1103−0.2351i	0.3841−1.5708i	−0.1260+0.0045i	−0.2050−0.3351i
56.4	0.0755−0.3227i	−0.2494+0.4441i	--	−0.0369−0.1529i	−0.0729−0.2345i	0.3138−1.5034i	−0.1185−0.0002i	−0.1703−0.3525i
56.5	0.0593−0.3224i	−0.0925+0.4101i	--	−0.0380−0.1561i	−0.1280−0.2326i	0.2712−1.4282i	−0.1193−0.0025i	−0.1968−0.2996i
56.6	0.0392−0.3423i	0.0508+0.3850i	--	−0.0466−0.1700i	−0.1679−0.2129i	0.2258−1.4154i	−0.1171−0.0104i	−0.1820−0.2677i
56.7	0.0368−0.3329i	0.0437+0.2134i	--	−0.0460−0.1723i	−0.1706−0.1596i	0.2286−1.3782i	−0.1261−0.0017i	−0.1754−0.2292i
56.8	0.0390−0.3256i	−0.0165+0.2858i	--	−0.0483−0.1725i	−0.1409−0.1542i	0.1999−1.3116i	−0.1208+0.0159i	−0.1854−0.1789i
56.9	0.0296−0.3358i	−0.0056+0.2641i	--	−0.0632−0.1772i	−0.1486−0.1455i	0.1956−1.2667i	−0.1058+0.0185i	−0.1409−0.1395i
57.0	0.0250−0.3065i	−0.0331+0.2794i	--	−0.0592−0.1465i	−0.1406−0.1624i	0.1946−1.2337i	−0.1107+0.0160i	−0.1464−0.1838i
57.1	0.0307−0.3080i	−0.2609+0.4714i	--	−0.0596−0.1299i	−0.0738−0.1936i	0.1353−1.1564i	−0.1062+0.0326i	−0.1183−0.1887i
57.2	0.0213−0.3255i	−0.1211+0.6084i	--	−0.0394−0.1418i	−0.1086−0.2419i	0.0909−1.0612i	−0.0939+0.0343i	−0.1228−0.1508i
57.3	0.0420−0.3170i	−0.0550+0.5468i	--	−0.0138−0.1638i	−0.1132−0.2153i	0.2229−1.0214i	−0.0973+0.0508i	−0.1414−0.1586i
57.4	0.0411−0.3237i	−0.1668+0.4094i	--	−0.0426−0.1768i	−0.0831−0.1503i	0.2462−1.0669i	−0.0941+0.0518i	−0.1093−0.1801i
57.5	0.0311−0.3296i	−0.0726+0.5551i	--	−0.0511−0.1624i	−0.0924−0.1892i	0.2126−1.0379i	−0.0819+0.0492i	−0.1392−0.2165i
57.6	0.0190−0.3480i	−0.1412+0.6720i	--	−0.0637−0.1527i	−0.0676−0.2234i	0.2493−1.0307i	−0.0755+0.0441i	−0.1474−0.2237i
57.7	0.0022−0.3342i	−0.0290+0.5651i	--	−0.0697−0.1483i	−0.1007−0.1909i	0.2230−1.0074i	−0.0778+0.0419i	−0.1543−0.1856i
57.8	−0.0218−0.3298i	−0.0574+0.6486i	--	−0.0834−0.1486i	−0.1129−0.1948i	0.1089−0.9056i	−0.0718+0.0507i	−0.1203−0.1779i
57.9	0.0013−0.3291i	−0.1635+0.4330i	--	−0.0820−0.1656i	−0.1135−0.1600i	0.1498−0.9565i	−0.0842+0.0604i	−0.1009−0.0938i
58.0	0.0284−0.3100i	−0.3239+0.6743i	--	−0.0844−0.1181i	−0.0332−0.1963i	0.2475−0.8906i	−0.0955+0.0676i	−0.0988−0.2076i
58.1	0.0003−0.2955i	−0.2795+0.6656i	--	−0.0918−0.1128i	−0.0165−0.1801i	0.1715−0.7971i	−0.0971+0.0634i	−0.1090−0.2368i
58.2	−0.0271−0.2969i	0.0184+0.5717i	--	−0.0905−0.1279i	−0.0738−0.1617i	0.1879−0.7773i	−0.1002+0.0610i	−0.1529−0.1805i
58.3	−0.0405−0.3123i	−0.0041+0.6464i	--	−0.0925−0.1353i	−0.0798−0.1620i	0.1102−0.7463i	−0.0911+0.0554i	−0.1261−0.1702i
58.4	−0.0411−0.3131i	−0.1585+0.2744i	--	−0.1168−0.1513i	−0.0646−0.1208i	0.0935−0.7858i	−0.0757+0.0428i	−0.0167−0.1269i
58.5	−0.0211−0.3127i	−0.1418+0.3430i	--	−0.1069−0.1452i	−0.0853−0.1244i	0.1885−0.7567i	−0.0893+0.0520i	−0.0247−0.1369i
58.6	−0.0620−0.3218i	0.0392+0.5874i	--	−0.1050−0.1368i	−0.1253−0.1558i	0.1841−0.7314i	−0.0788+0.0577i	−0.0778−0.1597i
58.7	−0.0833−0.3333i	0.2140+0.6234i	--	−0.1032−0.1510i	−0.1899−0.1455i	0.1882−0.7363i	−0.0739+0.0640i	−0.1065−0.1337i
58.8	−0.0293−0.3375i	0.1042+0.6225i	--	−0.0960−0.1430i	−0.1605−0.1713i	0.2792−0.7513i	−0.0785+0.0808i	−0.0991−0.0929i
58.9	−0.0520−0.3260i	0.1492+0.6036i	--	−0.0912−0.1398i	−0.1431−0.1733i	0.2518−0.6680i	−0.0643+0.0786i	−0.1303−0.0751i
59.0	−0.1001−0.3215i	0.2551+0.5324i	--	−0.1030−0.1473i	−0.1620−0.1371i	0.2253−0.6339i	−0.0553+0.0676i	−0.1178−0.0672i
59.1	−0.0652−0.3046i	0.1345+0.4684i	--	−0.1107−0.1273i	−0.1499−0.1054i	0.2208−0.6124i	−0.0695+0.0772i	−0.0809−0.0957i
59.2	−0.0505−0.3081i	−0.0797+0.4721i	--	−0.1211−0.1105i	−0.1035−0.0954i	0.2398−0.6313i	−0.0751+0.1023i	−0.0699−0.1440i
59.3	−0.0713−0.3181i	−0.2081+0.2915i	--	−0.1501−0.1336i	−0.0923−0.0592i	0.1935−0.6611i	−0.0695+0.0926i	0.0285−0.0829i
59.4	−0.0608−0.3313i	−0.0263+0.3325i	--	−0.1259−0.1394i	−0.1118−0.0809i	0.2541−0.6652i	−0.0462+0.1063i	−0.0436+0.0026i
59.5	−0.0634−0.3161i	0.0952+0.5023i	--	−0.1135−0.1256i	−0.1194−0.1008i	0.2838−0.5395i	−0.0493+0.1170i	−0.1101−0.0368i
59.6	−0.0569−0.3135i	0.0506+0.4404i	--	−0.1193−0.1119i	−0.0904−0.0890i	0.3308−0.6132i	−0.0509+0.1173i	−0.1033−0.0877i
59.7	−0.0594−0.3069i	0.0037+0.3973i	--	−0.1167−0.1082i	−0.0634−0.0806i	0.3336−0.6309i	−0.0515+0.1084i	−0.0765−0.1067i
59.8	−0.0697−0.3388i	−0.1765+0.4546i	--	−0.1235−0.1286i	−0.0530−0.1078i	0.2883−0.6384i	−0.0455+0.1139i	−0.0472−0.0524i
59.9	−0.0796−0.3406i	−0.0544+0.2863i	--	−0.1312−0.1490i	−0.1185−0.0879i	0.3071−0.6791i	−0.0305+0.1133i	−0.0073+0.0480i
60.0	−0.1043−0.3406i	0.1889+0.4343i	--	−0.1234−0.1297i	−0.1497−0.0892i	0.2819−0.6032i	−0.0225+0.1228i	−0.0677−0.0557i
60.1	−0.1170−0.3418i	0.0687+0.6700i	--	−0.1334−0.1013i	−0.1029−0.1042i	0.2564−0.5077i	−0.0377+0.1415i	−0.0565−0.1367i
60.2	−0.1290−0.3272i	0.0988+0.5911i	--	−0.1348−0.1143i	−0.1282−0.0810i	0.2023−0.4816i	−0.0284+0.1305i	−0.0418−0.0600i
60.3	−0.1368−0.3158i	0.0757+0.4116i	--	−0.1460−0.1332i	−0.1293−0.0521i	0.2075−0.4702i	−0.0254+0.1087i	0.0314+0.0004i
60.4	−0.1563−0.3320i	−0.0155+0.5266i	--	−0.1541−0.1218i	−0.1096−0.0763i	0.1699−0.4816i	−0.0334+0.1312i	0.0034−0.0529i
60.5	−0.1906−0.3241i	0.1579+0.5189i	--	−0.1599−0.1067i	−0.1314−0.0734i	0.2120−0.5078i	−0.0095+0.1306i	−0.0280−0.0675i
60.6	−0.1716−0.3040i	0.1936+0.4715i	--	−0.1504−0.1096i	−0.1452−0.0588i	0.2120−0.4785i	−0.0160+0.1244i	−0.0273−0.0320i
60.7	−0.1601−0.3257i	0.1451+0.5892i	--	−0.1482−0.1158i	−0.1244−0.0978i	0.3040−0.4665i	−0.0075+0.1443i	−0.0391+0.0034i
60.8	−0.1801−0.3160i	0.0935+0.5912i	--	−0.1613−0.0984i	−0.0998−0.0609i	0.2239−0.4553i	−0.0230+0.1397i	0.0034−0.1201i
60.9	−0.1735−0.2880i	0.2618+0.3898i	--	−0.1484−0.1157i	−0.1158−0.0475i	0.2931−0.4654i	0.0108+0.1317i	−0.0103+0.0204i
61.0	−0.1742−0.2848i	0.3906+0.3699i	--	−0.1444−0.1214i	−0.1478−0.0593i	0.3712−0.4127i	0.0330+0.1521i	−0.0379+0.1028i
61.1	−0.1845−0.3010i	0.1756+0.4559i	--	−0.1703−0.1078i	−0.1037−0.0625i	0.3262−0.3794i	0.0146+0.1528i	0.0179+0.0031i
61.2	−0.2026−0.3203i	0.0934+0.4319i	--	−0.1749−0.0947i	−0.0762−0.0411i	0.2524−0.5204i	0.0205+0.1497i	0.0246−0.0757i
61.3	−0.1982−0.3050i	0.0925+0.4085i	--	−0.1579−0.0865i	−0.0796−0.0672i	0.2363−0.4759i	0.0376+0.1561i	−0.0090−0.0063i
61.4	−0.1963−0.3042i	0.2170+0.2920i	--	−0.1733−0.0988i	−0.1233−0.0438i	0.3424−0.5207i	0.0479+0.1446i	0.0553+0.0203i
61.5	−0.2214−0.3367i	0.1503+0.3502i	--	−0.2150−0.0936i	−0.0909+0.0312i	0.3348−0.5188i	0.0171+0.1570i	0.0947−0.1339i
61.6	−0.2312−0.3144i	0.1037+0.3261i	--	−0.1923−0.1040i	−0.0909−0.0117i	0.2483−0.5024i	0.0324+0.1434i	0.0531−0.0407i
61.7	−0.2286−0.2765i	0.1396+0.3613i	--	−0.1679−0.0971i	−0.1045−0.0674i	0.2358−0.4479i	0.0489+0.1320i	0.0227+0.0617i
61.8	−0.2402−0.3063i	0.1646+0.4294i	--	−0.2012−0.0982i	−0.1090−0.0238i	0.3628−0.4140i	0.0384+0.1436i	0.1056−0.0316i
61.9	−0.2631−0.2895i	0.2218+0.3960i	--	−0.1936−0.0845i	−0.0984−0.0245i	0.3080−0.3956i	0.0572+0.1552i	0.0539−0.0284i
62.0	−0.2594−0.2590i	0.1703+0.2697i	--	−0.1930−0.0735i	−0.0744−0.0238i	0.2882−0.5230i	0.0684+0.1167i	0.0605−0.0130i
62.1	−0.2809−0.2847i	0.1772+0.2546i	--	−0.2036−0.0789i	−0.0688−0.0105i	0.3284−0.5868i	0.0767+0.1272i	0.0641−0.0180i
62.2	−0.2760−0.2794i	0.0934+0.2977i	--	−0.2204−0.0705i	−0.0709+0.0123i	0.2868−0.5325i	0.0561+0.1385i	0.1174−0.0637i
62.3	−0.2790−0.2653i	0.0985+0.3568i	--	−0.2228−0.0603i	−0.0806−0.0033i	0.2916−0.5213i	0.0704+0.1466i	0.1224−0.0784i

62.4	-0.3019-0.2534i	0.1996+0.3279i	--	-0.2203-0.0637i	-0.0785-0.0127i	0.3711-0.4386i	0.0866+0.1569i	0.0998-0.0177i
62.5	-0.2705-0.2223i	0.2286+0.2131i	--	-0.2186-0.0760i	-0.1056-0.0145i	0.4610-0.3555i	0.0859+0.1320i	0.1576+0.0637i
62.6	-0.2995-0.2048i	0.1515+0.2387i	--	-0.2190-0.0452i	-0.0730-0.0022i	0.3579-0.4225i	0.0809+0.1196i	0.1124-0.0301i
62.7	-0.2908-0.2076i	0.1188+0.1952i	--	-0.2201-0.0510i	-0.0710+0.0024i	0.4175-0.4407i	0.0930+0.1195i	0.1332-0.0216i
62.8	-0.2868-0.1560i	0.2504+0.2458i	--	-0.1882-0.0406i	-0.0800-0.0485i	0.4116-0.3379i	0.1212+0.1130i	0.0675+0.0369i
62.9	-0.3020-0.1393i	0.2213+0.2577i	--	-0.1924-0.0233i	-0.0802-0.0431i	0.3466-0.3859i	0.1296+0.1131i	0.0687+0.0331i
63.0	-0.2737-0.1241i	0.1672+0.1908i	--	-0.1908-0.0240i	-0.0772-0.0358i	0.4088-0.3882i	0.1292+0.1008i	0.1133+0.0634i
63.1	-0.3255-0.1614i	0.0845+0.2357i	--	-0.2065-0.0102i	-0.0366-0.0131i	0.2907-0.5075i	0.1250+0.1088i	0.1110-0.0592i
63.2	-0.3665-0.1565i	0.0860+0.2479i	--	-0.2197+0.0042i	-0.0221+0.0043i	0.2483-0.4700i	0.1205+0.1247i	0.0849-0.1104i
63.3	-0.3544-0.0800i	0.1827+0.1991i	--	-0.2154+0.0202i	-0.0411+0.0013i	0.2505-0.3507i	0.1120+0.1013i	0.0675-0.0797i
63.4	-0.3341-0.0983i	0.0873+0.1616i	--	-0.2211+0.0066i	-0.0413-0.0109i	0.3028-0.5024i	0.1216+0.0774i	0.1217-0.0547i
63.5	-0.3039-0.0690i	0.0653+0.2295i	--	-0.1859+0.0069i	-0.0198-0.0503i	0.2386-0.3781i	0.1138+0.0892i	0.0633-0.0276i
63.6	-0.2813-0.0431i	0.0519+0.2689i	--	-0.1853+0.0242i	-0.0353-0.0422i	0.1656-0.4388i	0.1053+0.0651i	0.0715-0.0258i
63.7	-0.3095-0.0875i	0.0041+0.1670i	--	-0.2145+0.0097i	-0.0365+0.0094i	0.3060-0.5451i	0.1310+0.0732i	0.1565-0.0677i
63.8	-0.2957-0.0603i	0.0413+0.1622i	--	-0.2002+0.0280i	-0.0488+0.0131i	0.2348-0.4280i	0.1147+0.0889i	0.1343-0.0750i
63.9	-0.2810-0.0764i	0.0544+0.1906i	--	-0.1964+0.0164i	-0.0563-0.0087i	0.3180-0.4449i	0.1223+0.0810i	0.1519-0.0570i
64.0	-0.2981-0.0416i	0.0499+0.2464i	--	-0.1837+0.0332i	-0.0250-0.0522i	0.3143-0.5786i	0.1478+0.0552i	0.0898-0.1235i
64.1	-0.2761-0.0060i	0.0822+0.2407i	--	-0.1569+0.0409i	-0.0277-0.0604i	0.2479-0.4647i	0.1487+0.0595i	0.0548-0.0948i
64.2	-0.2667-0.0210i	0.0788+0.2603i	--	-0.1661+0.0216i	-0.0565-0.0543i	0.2346-0.3035i	0.1377+0.0678i	0.1074-0.0462i
64.3	-0.2680+0.0046i	0.0432+0.2549i	--	-0.1781+0.0398i	-0.0461-0.0331i	0.1869-0.3637i	0.1261+0.0393i	0.1086-0.0931i
64.4	-0.2086-0.0016i	0.0899+0.1967i	--	-0.1525+0.0329i	-0.0765-0.0402i	0.2353-0.4120i	0.1258+0.0274i	0.0960-0.0425i
64.5	-0.2268+0.0385i	0.0397+0.2597i	--	-0.1472+0.0589i	-0.0307-0.0541i	0.1979-0.3386i	0.1293+0.0349i	0.0693-0.0733i
64.6	-0.2248+0.0380i	-0.0133+0.2744i	--	-0.1532+0.0740i	-0.0111-0.0352i	0.2017-0.4422i	0.1298+0.0272i	0.0679-0.1224i
64.7	-0.1852+0.0201i	0.0119+0.2387i	--	-0.1523+0.0563i	-0.0486-0.0354i	0.2258-0.5028i	0.1247+0.0148i	0.0834-0.0917i
64.8	-0.1887+0.0137i	0.0465+0.3005i	--	-0.1461+0.0494i	-0.0574-0.0675i	0.1702-0.5399i	0.1106+0.0020i	0.0559-0.0909i
64.9	-0.1812-0.0038i	-0.0136+0.2498i	--	-0.1536+0.0478i	-0.0445-0.0307i	0.1478-0.4785i	0.1065+0.0119i	0.0715-0.0738i
65.0	-0.1674+0.0165i	0.0531+0.2076i	--	-0.1527+0.0513i	-0.0585-0.0056i	0.2479-0.4917i	0.1215+0.0054i	0.0786-0.0687i
65.1	-0.1555+0.0266i	0.0587+0.2103i	--	-0.1413+0.0610i	-0.0562-0.0300i	0.1843-0.5596i	0.1088-0.0097i	0.0322-0.0695i
65.2	-0.1614-0.0099i	0.0222+0.1933i	--	-0.1323+0.0390i	-0.0473-0.0439i	0.0241-0.5665i	0.1062-0.0177i	0.0271-0.0425i
65.3	-0.1585+0.0066i	0.0357+0.2529i	--	-0.1268+0.0430i	-0.0302-0.0381i	0.1671-0.4853i	0.1259-0.0181i	0.0442-0.0728i
65.4	-0.1733+0.0130i	0.0132+0.2775i	--	-0.1209+0.0466i	-0.0336-0.0617i	0.1288-0.3790i	0.1088-0.0041i	0.0423-0.0826i
65.5	-0.1488+0.0016i	0.0184+0.2668i	--	-0.0897+0.0430i	-0.0296-0.0735i	0.0474-0.3560i	0.0951-0.0007i	0.0128-0.0539i
65.6	-0.1432-0.0012i	0.0821+0.2370i	--	-0.1170+0.0442i	-0.0474-0.0176i	0.1455-0.4641i	0.1003-0.0225i	0.0602-0.0798i
65.7	-0.1202+0.0306i	0.0914+0.2730i	--	-0.1077+0.0416i	-0.0502-0.0360i	0.1989-0.3414i	0.0959-0.0086i	0.0397-0.0975i
65.8	-0.1409+0.0406i	0.1008+0.2534i	--	-0.1176+0.0336i	-0.0730-0.0366i	0.1759-0.2625i	0.1019+0.0014i	0.0607-0.0260i
65.9	-0.1632+0.0426i	0.0353+0.2925i	--	-0.1187+0.0537i	-0.0540-0.0669i	0.0236-0.3860i	0.0869-0.0299i	0.0256-0.0663i
66.0	-0.1349+0.0681i	0.0284+0.3444i	--	-0.1026+0.0660i	-0.0372-0.0794i	0.1199-0.2844i	0.0882-0.0222i	0.0098-0.0894i
66.1	-0.1184+0.0730i	0.0594+0.2975i	--	-0.0981+0.0694i	-0.0275-0.0642i	0.1276-0.2921i	0.0930-0.0233i	-0.0067-0.0598i
66.2	-0.1261+0.0554i	0.0195+0.2665i	--	-0.1147+0.0659i	-0.0305-0.0604i	0.1110-0.3584i	0.0877-0.0339i	0.0340-0.0704i
66.3	-0.1243+0.0509i	0.0323+0.2693i	--	-0.1063+0.0440i	-0.0421-0.0584i	0.1278-0.3545i	0.0921-0.0317i	0.0334-0.0759i
66.4	-0.0993+0.0612i	0.0152+0.2731i	--	-0.1030+0.0627i	-0.0333-0.0450i	0.1441-0.2685i	0.0757-0.0201i	0.0331-0.0929i
66.5	-0.0981+0.0374i	0.0133+0.2801i	--	-0.1041+0.0561i	-0.0405-0.0473i	0.1166-0.3075i	0.0751-0.0218i	0.0271-0.0434i
66.6	-0.1022+0.0406i	0.0076+0.2897i	--	-0.0968+0.0437i	-0.0410-0.0322i	0.0856-0.2459i	0.0773-0.0143i	0.0430-0.0625i
66.7	-0.0735+0.0415i	0.0488+0.2413i	--	-0.1025+0.0427i	-0.0732-0.0113i	0.0670-0.1824i	0.0629-0.0175i	0.0418-0.0650i
66.8	-0.0540+0.0051i	-0.0020+0.2338i	--	-0.1022+0.0610i	-0.0528+0.0037i	0.0492-0.2249i	0.0412-0.0267i	0.0502-0.0893i
66.9	-0.0702+0.0314i	0.0037+0.2933i	--	-0.0936+0.0612i	-0.0292-0.0194i	0.0902-0.2170i	0.0638-0.0139i	0.0121-0.0890i
67.0	-0.0577+0.0436i	0.0420+0.3303i	--	-0.0842+0.0661i	-0.0378-0.0445i	0.1292-0.3055i	0.0747-0.0252i	-0.0205-0.0595i
67.1	-0.0902+0.0163i	0.0242+0.4041i	--	-0.0909+0.0494i	-0.0636-0.0732i	0.0199-0.3685i	0.0419-0.0338i	-0.0136-0.0704i
67.2	-0.0762+0.0269i	0.0460+0.3425i	--	-0.0746+0.0368i	-0.0672-0.0445i	-0.0419-0.2329i	0.0247-0.0277i	0.0106-0.0711i
67.3	-0.0701+0.0262i	0.1119+0.3164i	--	-0.0699+0.0371i	-0.1027-0.0241i	-0.1463-0.0811i	0.0027-0.0079i	0.0163-0.0234i
67.4	-0.0655+0.0116i	0.1297+0.3081i	--	-0.0744+0.0393i	-0.1119-0.0008i	-0.1582-0.0465i	-0.0101+0.0020i	0.0079-0.0276i
67.5	-0.0861+0.0283i	0.1110+0.3352i	--	-0.0593+0.0471i	-0.0636-0.0224i	-0.1800-0.0647i	-0.0138-0.0056i	-0.0156-0.0569i
67.6	-0.0594+0.0207i	0.1028+0.3204i	--	-0.0712+0.0404i	-0.0503-0.0190i	-0.0834-0.1445i	0.0028-0.0323i	0.0063-0.0913i
67.7	-0.0439+0.0129i	0.1008+0.3566i	--	-0.0741+0.0410i	-0.0398-0.0275i	0.0536-0.1840i	0.0166-0.0269i	-0.0015-0.0809i
67.8	-0.0192+0.0020i	0.0762+0.3548i	--	-0.0557+0.0401i	-0.0024-0.0581i	0.1733-0.2184i	0.0405-0.0161i	-0.0318-0.0487i
67.9	-0.0194+0.0119i	0.1215+0.3620i	--	-0.0700+0.0431i	-0.0249-0.0327i	0.1233-0.1877i	0.0223-0.0306i	-0.0257-0.0847i
68.0	-0.0116+0.0110i	0.1524+0.3365i	--	-0.0762+0.0403i	-0.0820-0.0784i	0.0468-0.2600i	0.0278-0.0315i	-0.0057-0.0081i
68.1	-0.0234-0.0074i	0.1530+0.3524i	--	-0.0799+0.0253i	-0.0878-0.0788i	0.0183-0.3490i	0.0292-0.0583i	0.0127-0.0280i
68.2	-0.0481+0.0057i	0.1314+0.3184i	--	-0.0598+0.0261i	-0.0844-0.0570i	-0.1670-0.1345i	-0.0252-0.0380i	-0.0021-0.0343i
68.3	-0.0256+0.0372i	0.1747+0.2968i	--	-0.0477+0.0024i	-0.0974-0.0407i	-0.1326+0.1503i	-0.0305+0.0401i	-0.0026+0.0031i
68.4	-0.0340+0.0529i	0.1766+0.2832i	--	-0.0561+0.0143i	-0.1030-0.0214i	-0.1807+0.2480i	-0.0575+0.0540i	0.0046-0.0250i
68.5	-0.0113-0.0190i	0.1120+0.2515i	--	-0.0588+0.0152i	-0.0673-0.0155i	0.0161-0.0308i	-0.0101+0.0022i	0.0461-0.0504i
68.6	-0.0035-0.0286i	0.1190+0.2456i	--	-0.0736+0.0145i	-0.0869-0.0033i	0.0159-0.0304i	0.0046-0.0191i	0.0314-0.0362i

68.7	-0.0152-0.0213i	0.1262+0.2335i	--	-0.0856-0.0097i	-0.1133+0.0018i	0.0218+0.0702i	0.0156+0.0161i	0.0549-0.0166i
68.8	-0.0084-0.0254i	0.1402+0.2884i	--	-0.0933-0.0356i	-0.1379-0.0286i	0.0954+0.1118i	0.0396+0.0549i	0.0802-0.0171i
68.9	-0.0136-0.0064i	0.1918+0.2500i	--	-0.0829-0.0125i	-0.1117-0.0163i	0.1027+0.1222i	0.0436+0.0504i	0.0216-0.0271i
69.0	0.0014-0.0064i	0.1676+0.1864i	--	-0.0730+0.0238i	-0.0992+0.0214i	0.0280+0.0829i	0.0109+0.0073i	0.0007-0.0148i
69.1	0.0206-0.0104i	0.1754+0.2479i	--	-0.0684+0.0164i	-0.1178+0.0001i	0.0296+0.0968i	-0.0103+0.0176i	0.0061-0.0043i
69.2	-0.0018+0.0008i	0.1655+0.2327i	--	-0.0989+0.0014i	-0.1207-0.0097i	0.0644+0.1054i	0.0045+0.0152i	0.0481-0.0085i
69.3	0.0035-0.0135i	0.1216+0.2077i	--	-0.1033-0.0049i	-0.0935+0.0161i	0.1394+0.1149i	0.0170+0.0117i	0.0475-0.0317i
69.4	0.0284-0.0185i	0.1142+0.2321i	--	-0.0983+0.0104i	-0.0688+0.0571i	0.2463+0.1823i	0.0333+0.0185i	0.0328-0.0801i
69.5	0.0880+0.0016i	0.1618+0.1956i	--	-0.0432+0.0127i	-0.1010+0.0181i	0.1930+0.3017i	-0.0052+0.0363i	0.0064+0.0071i
69.6	0.0983-0.0316i	0.1805+0.1976i	--	-0.0452-0.0033i	-0.1497+0.0314i	0.1373+0.3038i	-0.0262+0.0475i	0.0372+0.0219i
69.7	0.0462-0.0507i	0.1250+0.1629i	--	-0.0577-0.0109i	-0.1319+0.0917i	0.0878+0.2829i	-0.0323+0.0370i	0.0729-0.0457i
69.8	0.0683-0.0172i	0.1173+0.1507i	--	-0.0388+0.0171i	-0.1026+0.0429i	0.0901+0.2300i	-0.0440+0.0272i	0.0273-0.0168i
69.9	0.0680-0.0377i	0.1268+0.1867i	--	-0.0472+0.0104i	-0.1059+0.0451i	0.0955+0.1665i	-0.0489+0.0193i	0.0226-0.0280i
70.0	0.1165-0.0642i	0.1540+0.1622i	--	-0.0353-0.0112i	-0.1635+0.0448i	0.1365+0.2137i	-0.0204+0.0226i	0.0538+0.0157i
70.1	0.0962-0.0631i	0.0994+0.1640i	--	-0.0726-0.0088i	-0.1131+0.0367i	0.3238+0.1515i	0.0231-0.0041i	0.0408+0.0068i
70.2	0.0679-0.0869i	0.0289+0.1625i	--	-0.1009-0.0116i	-0.0912+0.0717i	0.3727+0.1653i	0.0017+0.0124i	0.0701-0.0098i
70.3	0.0730-0.0993i	0.0271+0.0963i	--	-0.0592-0.0050i	-0.0546+0.0979i	0.2871+0.1795i	-0.0389+0.0024i	0.0274-0.0080i
70.4	0.1176-0.0922i	0.0562+0.1158i	--	-0.0371-0.0321i	-0.1080+0.0798i	0.2134+0.3462i	-0.0506+0.0163i	0.0144+0.0057i
70.5	0.1347-0.0688i	0.0715+0.1394i	--	-0.0470-0.0298i	-0.1183+0.0618i	0.1996+0.3593i	-0.0568+0.0377i	0.0041-0.0016i
70.6	0.1416-0.0898i	0.0332+0.1420i	--	-0.0429-0.0449i	-0.1177+0.0554i	0.2237+0.3497i	-0.0645+0.0481i	0.0334+0.0200i
70.7	0.1166-0.1067i	0.0291+0.1570i	--	-0.0621-0.0513i	-0.1040+0.0358i	0.2228+0.2984i	-0.0665+0.0502i	0.0265+0.0400i
70.8	0.0781-0.1500i	-0.0043+0.1353i	--	-0.0732-0.0206i	-0.0505+0.1180i	0.3684+0.1953i	-0.0310+0.0212i	0.0248-0.0214i
70.9	0.0881-0.1555i	0.0271+0.1604i	--	-0.0926-0.0273i	-0.0877+0.1238i	0.4081+0.1799i	-0.0002+0.0163i	0.0480-0.0317i
71.0	0.1568-0.1500i	0.0313+0.1361i	--	-0.0427-0.0369i	-0.1284+0.0843i	0.2096+0.2708i	-0.0721+0.0313i	0.0359+0.0412i
71.1	0.1616-0.1646i	-0.0121+0.1619i	--	-0.0534-0.0602i	-0.1338+0.0789i	0.2316+0.3283i	-0.0767+0.0528i	0.0367+0.0459i
71.2	0.1989-0.1647i	0.0349+0.1275i	--	-0.0501-0.0515i	-0.1263+0.0793i	0.2716+0.3054i	-0.0797+0.0255i	-0.0299+0.0206i
71.3	0.1615-0.1759i	0.0125+0.1634i	--	-0.0803-0.0421i	-0.1136+0.1107i	0.3412+0.3402i	-0.0598+0.0507i	0.0004-0.0037i
71.4	0.1768-0.1384i	-0.0431+0.1413i	--	-0.0492-0.0155i	-0.0842+0.1289i	0.2607+0.4046i	-0.1034+0.0408i	0.0010-0.0115i
71.5	0.1778-0.1871i	-0.0501+0.1351i	--	-0.0586-0.0287i	-0.1049+0.1782i	0.3201+0.5172i	-0.0783+0.0804i	0.0192-0.0173i
71.6	0.1508-0.2028i	-0.0528+0.1274i	--	-0.0836-0.0163i	-0.0931+0.1977i	0.3123+0.4062i	-0.0884+0.0332i	0.0023-0.0305i
71.7	0.1285-0.2343i	-0.0554+0.1410i	--	-0.1110-0.0779i	-0.1088+0.1789i	0.3727+0.4826i	-0.0778+0.0878i	0.0616-0.0139i
71.8	0.1762-0.2551i	-0.0752+0.1614i	--	-0.0338-0.0907i	-0.0315+0.1175i	0.3879+0.4889i	-0.1490+0.1259i	-0.0180+0.0574i
71.9	0.1440-0.3176i	-0.1062+0.1657i	--	-0.0104-0.1183i	-0.0021+0.1384i	0.3558+0.5027i	-0.1612+0.1345i	-0.0312+0.0574i
72.0	0.1343-0.3171i	-0.1138+0.1514i	--	-0.0307-0.0890i	-0.0023+0.2106i	0.4235+0.5994i	-0.1404+0.1083i	-0.0187+0.0152i
72.1	0.1225-0.3153i	-0.1677+0.1466i	--	-0.0300-0.0986i	0.0244+0.1935i	0.4311+0.6360i	-0.1631+0.1312i	-0.0377+0.0293i
72.2	0.1244-0.3428i	-0.1496+0.1378i	--	-0.0491-0.0924i	-0.0005+0.2235i	0.4404+0.5577i	-0.1686+0.1157i	0.0005+0.0171i
72.3	0.1196-0.3791i	-0.1479+0.1392i	--	-0.0412-0.0929i	-0.0039+0.2567i	0.4252+0.6446i	-0.1848+0.1342i	-0.0042+0.0187i
72.4	0.0978-0.3712i	-0.1513+0.1516i	--	-0.0289-0.0907i	0.0499+0.2406i	0.4164+0.6793i	-0.2169+0.1523i	-0.0542+0.0368i
72.5	0.1094-0.3837i	-0.1671+0.1594i	--	-0.0599-0.0868i	0.0150+0.2451i	0.5162+0.6282i	-0.1760+0.1475i	-0.0166+0.0467i
72.6	0.0933-0.4788i	-0.2024+0.1945i	--	-0.0252-0.1111i	0.0969+0.3031i	0.5554+0.6370i	-0.2363+0.1642i	-0.0332-0.0123i
72.7	0.0877-0.4854i	-0.2332+0.2157i	--	-0.0673-0.0816i	0.1232+0.3441i	0.7569+0.5356i	-0.2008+0.1211i	-0.0329-0.0460i
72.8	0.1081-0.4767i	-0.2219+0.2137i	--	-0.0341-0.1112i	0.1389+0.2483i	0.6525+0.5398i	-0.2574+0.1786i	-0.0705+0.0511i
72.9	0.1114-0.4840i	-0.2771+0.2361i	--	-0.0016-0.1258i	0.2035+0.2072i	0.7069+0.5104i	-0.2810+0.2077i	-0.0992+0.1066i
73.0	0.0629-0.5543i	-0.2839+0.2965i	--	-0.0190-0.1554i	0.1780+0.2139i	0.6744+0.5337i	-0.2745+0.2500i	-0.0397+0.1119i
73.1	0.0330-0.5722i	-0.2935+0.3251i	--	-0.0336-0.1863i	0.2178+0.2269i	0.7716+0.6959i	-0.2867+0.3072i	-0.0815+0.1106i
73.2	0.0437-0.5793i	-0.3203+0.3275i	--	-0.0687-0.1346i	0.2322+0.2565i	0.9807+0.6018i	-0.2581+0.2633i	-0.0825+0.1332i
73.3	-0.0020-0.5402i	-0.3480+0.3311i	--	-0.0730-0.1258i	0.2741+0.2524i	0.9965+0.5116i	-0.2489+0.2264i	-0.0986+0.0672i
73.4	-0.0850-0.5077i	-0.3091+0.3752i	--	-0.0826-0.1155i	0.3248+0.2218i	1.0392+0.4911i	-0.2126+0.2598i	-0.0850+0.0535i
73.5	-0.1291-0.5313i	-0.2592+0.3846i	--	-0.1602-0.1284i	0.2421+0.2816i	1.1972+0.6310i	-0.1283+0.2954i	0.0104+0.0236i
73.6	-0.1138-0.5736i	-0.2268+0.3965i	--	-0.1339-0.1668i	0.2491+0.2505i	1.1604+0.6297i	-0.1632+0.3432i	-0.0084+0.0432i
73.7	-0.1511-0.5681i	-0.1605+0.4394i	--	-0.1673-0.1784i	0.2473+0.1780i	1.1635+0.5415i	-0.1484+0.3888i	-0.0139+0.1113i
73.8	-0.1546-0.5926i	-0.1988+0.4268i	--	-0.1838-0.2004i	0.2481+0.1654i	1.2488+0.6027i	-0.1712+0.4190i	-0.0321+0.1707i
73.9	-0.1747-0.6536i	-0.2309+0.4866i	--	-0.1563-0.2517i	0.3393+0.0911i	1.2866+0.5422i	-0.2294+0.4845i	-0.1041+0.2356i
74.0	-0.2685-0.5974i	-0.2891+0.5326i	--	-0.1819-0.2134i	0.4171+0.1120i	1.3551+0.3838i	-0.2238+0.4221i	-0.0954+0.1534i
74.1	-0.2688-0.5858i	-0.2864+0.5476i	--	-0.1828-0.1818i	0.4247+0.0848i	1.3821+0.2363i	-0.2338+0.4406i	-0.0777+0.1602i
74.2	-0.3224-0.6287i	-0.2251+0.6608i	--	-0.1923-0.2614i	0.3909-0.0372i	1.1438+0.2739i	-0.2383+0.5659i	-0.0698+0.2451i
74.3	-0.3310-0.6082i	-0.2012+0.6185i	--	-0.2201-0.2036i	0.3884-0.0017i	1.2108+0.1994i	-0.2085+0.5360i	-0.0714+0.2296i
74.4	-0.2893-0.6251i	-0.2524+0.6093i	--	-0.2020-0.1854i	0.4341+0.0163i	1.3386+0.0542i	-0.2383+0.5247i	-0.1073+0.2003i
74.5	-0.2977-0.5910i	-0.1762+0.6661i	--	-0.2320-0.1588i	0.4232-0.0349i	1.3929-0.0262i	-0.2054+0.5318i	-0.0964+0.2377i
74.6	-0.3582-0.5441i	-0.1340+0.6846i	--	-0.2745-0.1741i	0.3617-0.0470i	1.4458+0.1167i	-0.1234+0.5883i	-0.0409+0.2229i
74.7	-0.3761-0.5179i	-0.1449+0.7078i	--	-0.3133-0.1690i	0.3566+0.0045i	1.6356+0.1119i	-0.0923+0.6020i	-0.0410+0.1663i
74.8	-0.3899-0.5827i	-0.1483+0.7631i	--	-0.2752-0.2121i	0.3863-0.1278i	1.4188-0.0953i	-0.1541+0.6776i	-0.0805+0.2856i
74.9	-0.3907-0.5603i	-0.1658+0.7388i	--	-0.2245-0.2024i	0.3874-0.1663i	1.2969-0.0247i	-0.1996+0.7182i	-0.0665+0.3072i

75.0	-0.4149-0.5041i	-0.1410+0.7429i	--	-0.2567-0.1534i	0.4083-0.1278i	1.4329-0.0747i	-0.1426+0.6894i	-0.0843+0.2717i
75.1	-0.4571-0.5055i	-0.1255+0.8067i	--	-0.2811-0.1429i	0.4256-0.1625i	1.4284-0.2037i	-0.0959+0.7324i	-0.1097+0.2931i
75.2	-0.4295-0.5185i	-0.0625+0.7846i	--	-0.2449-0.1360i	0.4205-0.1741i	1.3894-0.2750i	-0.1270+0.7326i	-0.0952+0.3096i
75.3	-0.5111-0.4590i	0.0117+0.8526i	--	-0.3050-0.1516i	0.3901-0.2005i	1.3868-0.2488i	-0.0477+0.7821i	-0.0590+0.3256i
75.4	-0.5194-0.4854i	0.0338+0.8823i	--	-0.3039-0.0988i	0.4138-0.2340i	1.3635-0.5288i	-0.0419+0.7870i	-0.0547+0.3645i
75.5	-0.5474-0.4550i	0.1197+0.8625i	--	-0.3327-0.0831i	0.3595-0.2595i	1.3184-0.5205i	0.0431+0.7967i	-0.0300+0.3917i
75.6	-0.5645-0.4332i	0.1750+0.9068i	--	-0.3183-0.1080i	0.3547-0.2773i	1.1466-0.4377i	0.0607+0.8440i	-0.0339+0.3948i
75.7	-0.5448-0.4527i	0.1831+0.8964i	--	-0.2579-0.1119i	0.3616-0.3079i	1.0736-0.5358i	0.0191+0.9012i	-0.0209+0.4181i
75.8	-0.5714-0.4590i	0.2477+0.8691i	--	-0.2469-0.1383i	0.3501-0.3353i	0.9987-0.5951i	0.0549+0.9358i	0.0023+0.4407i
75.9	-0.5981-0.4018i	0.2748+0.8418i	--	-0.2648-0.0753i	0.3329-0.3503i	0.8791-0.6648i	0.1131+0.8866i	0.0308+0.4501i
76.0	-0.6310-0.3923i	0.2929+0.8430i	--	-0.3134-0.0929i	0.3163-0.3332i	0.9287-0.6077i	0.1802+0.9467i	0.0495+0.4491i
76.1	-0.6413-0.3918i	0.3571+0.8173i	--	-0.2889-0.0918i	0.3138-0.3722i	0.7949-0.6406i	0.2163+0.9807i	0.0634+0.4716i
76.2	-0.6466-0.3479i	0.3951+0.8235i	--	-0.2851-0.0866i	0.3000-0.4108i	0.6931-0.6629i	0.2633+1.0023i	0.0541+0.4838i
76.3	-0.6633-0.3629i	0.3781+0.7997i	--	-0.2739-0.1122i	0.3116-0.3931i	0.6810-0.6105i	0.2761+1.0406i	0.0625+0.4874i
76.4	-0.7338-0.3136i	0.4864+0.7854i	--	-0.3257-0.0886i	0.2626-0.4180i	0.4827-0.5810i	0.3924+1.0096i	0.1115+0.5232i
76.5	-0.7577-0.2949i	0.5351+0.7598i	--	-0.3619-0.1115i	0.2198-0.4092i	0.4736-0.3929i	0.4665+1.0235i	0.1480+0.5489i
76.6	-0.7282-0.3469i	0.4820+0.7561i	--	-0.3140-0.1317i	0.2477-0.4389i	0.3571-0.5488i	0.4651+1.0564i	0.1206+0.5559i
76.7	-0.7212-0.3364i	0.5195+0.6805i	--	-0.2790-0.0520i	0.2357-0.4636i	0.1752-0.7533i	0.5250+1.0053i	0.1458+0.5752i
76.8	-0.7720-0.2922i	0.5544+0.6451i	--	-0.2682-0.1124i	0.2336-0.4896i	0.0977-0.3792i	0.5626+1.0023i	0.2044+0.5985i
76.9	-0.8486-0.2743i	0.5833+0.6413i	--	-0.3103-0.1604i	0.2090-0.5336i	-0.0735-0.2308i	0.6270+1.0175i	0.2246+0.6321i
77.0	-0.8359-0.2861i	0.5541+0.5869i	--	-0.2274-0.1534i	0.1837-0.5314i	-0.4290-0.1754i	0.6503+0.9558i	0.2368+0.6239i
77.1	-0.8173-0.2345i	0.5433+0.5814i	--	-0.3098-0.1862i	0.1621-0.5078i	-0.1412+0.0749i	0.6644+1.0115i	0.2474+0.6185i
77.2	-0.7588-0.2032i	0.5181+0.5332i	--	-0.2856-0.1447i	0.2098-0.5009i	0.0811+0.1027i	0.6717+0.9995i	0.2608+0.6259i
77.3	-0.7761-0.1900i	0.5188+0.5250i	--	-0.2728-0.1268i	0.2257-0.5560i	-0.0642+0.0331i	0.7491+0.9929i	0.2751+0.6530i
77.4	-0.7934-0.1359i	0.5201+0.5666i	--	-0.3706-0.1892i	0.1595-0.5932i	0.0873+0.3645i	0.8200+1.0464i	0.3248+0.6639i
77.5	-0.7723-0.0792i	0.5332+0.5080i	--	-0.3901-0.1706i	0.0900-0.5575i	0.3106+0.7101i	0.8498+0.9892i	0.3849+0.6397i
77.6	-0.8435-0.1226i	0.5996+0.4986i	--	-0.3956-0.1798i	0.0789-0.6039i	0.1224+0.5923i	0.9739+0.9299i	0.4431+0.6397i
77.7	-0.8928-0.1314i	0.5546+0.4776i	--	-0.4312-0.2194i	0.0554-0.6130i	0.2051+0.6715i	1.0048+0.9546i	0.4801+0.6478i
77.8	-0.8463-0.1504i	0.5210+0.4238i	--	-0.3596-0.2113i	0.0585-0.5923i	0.3092+0.6542i	1.0186+0.9087i	0.5061+0.6376i
77.9	-0.8818-0.0993i	0.5441+0.3861i	--	-0.3565-0.2516i	0.0377-0.6398i	0.2409+0.9047i	1.0950+0.8433i	0.5644+0.6543i
78.0	-0.8945-0.0512i	0.5276+0.4255i	--	-0.3834-0.2879i	0.0164-0.6526i	0.2711+1.1831i	1.1238+0.7711i	0.5991+0.6485i
78.1	-0.9330+0.0472i	0.5360+0.3798i	--	-0.4697-0.2701i	-0.0162-0.6569i	0.5866+1.3700i	1.1800+0.7349i	0.6236+0.6290i
78.2	-0.9086+0.1122i	0.4988+0.3195i	--	-0.4690-0.1995i	-0.0598-0.6545i	0.7149+1.2534i	1.1959+0.6483i	0.6504+0.5986i
78.3	-0.9268+0.1564i	0.4794+0.2979i	--	-0.4918-0.2517i	-0.0840-0.6730i	0.7183+1.5838i	1.1669+0.5611i	0.6811+0.5734i
78.4	-1.0274+0.2158i	0.4664+0.3427i	--	-0.6039-0.2386i	-0.1097-0.6701i	0.8419+1.6873i	1.1889+0.5442i	0.7373+0.5373i
78.5	-0.9692+0.3154i	0.4978+0.3724i	--	-0.6969-0.1531i	-0.1809-0.6780i	1.3523+1.6737i	1.2322+0.5484i	0.7868+0.5159i
78.6	-0.9149+0.3020i	0.4636+0.3560i	--	-0.7137-0.1757i	-0.2018-0.6841i	1.6039+1.7226i	1.1836+0.5348i	0.8004+0.5137i
78.7	-0.8920+0.3227i	0.4528+0.3914i	--	-0.7194-0.1293i	-0.2030-0.6626i	1.7509+1.6137i	1.1736+0.4448i	0.8034+0.4756i
78.8	-0.9589+0.4124i	0.4190+0.4519i	--	-0.7558-0.0861i	-0.2237-0.7363i	1.7025+1.6970i	1.1146+0.4328i	0.8276+0.4883i
78.9	-0.9453+0.4945i	0.4226+0.5001i	--	-0.7870-0.0225i	-0.2534-0.7621i	2.0214+1.6402i	1.1313+0.4950i	0.8493+0.4822i
79.0	-0.8571+0.5146i	0.4525+0.4913i	--	-0.7348+0.0425i	-0.3265-0.7656i	2.1157+1.4870i	1.2131+0.5336i	0.8584+0.4961i
79.1	-0.8030+0.4852i	0.5124+0.4760i	--	-0.6613-0.0133i	-0.4378-0.7418i	2.0039+1.4012i	1.3636+0.6050i	0.9051+0.5224i
79.2	-0.8050+0.5035i	0.5638+0.4036i	--	-0.7625-0.0970i	-0.5013-0.6650i	2.5955+1.5819i	1.4505+0.5585i	1.0286+0.4703i
79.3	-0.8391+0.5568i	0.5830+0.3246i	--	-0.8830-0.0365i	-0.5136-0.6236i	2.9491+1.4489i	1.4554+0.3778i	1.0932+0.3701i
79.4	-0.7278+0.6376i	0.5231+0.2619i	--	-0.8955+0.0281i	-0.5595-0.6028i	3.1804+1.4371i	1.4084+0.2842i	1.1058+0.3083i
79.5	-0.5796+0.6940i	0.5511+0.1972i	--	-0.9107+0.1684i	-0.6008-0.5123i	3.6126+0.8923i	1.4642+0.1689i	1.1253+0.1763i
79.6	-0.5386+0.6945i	0.5375+0.2344i	--	-0.8632+0.1932i	-0.6183-0.5538i	3.5072+0.7019i	1.3836+0.1224i	1.1114+0.1353i
79.7	-0.5400+0.6713i	0.4930+0.3001i	--	-0.8854+0.1946i	-0.6452-0.5556i	3.6041+0.6753i	1.4141+0.1526i	1.1388+0.1382i
79.8	-0.5514+0.6524i	0.4931+0.3390i	--	-0.8576+0.2663i	-0.6369-0.5190i	3.4321+0.3013i	1.4676+0.1175i	1.1220+0.1074i
79.9	-0.4992+0.6260i	0.5035+0.3414i	--	-0.8511+0.3178i	-0.6920-0.4595i	3.6001-0.0385i	1.4789+0.0762i	1.1481+0.0335i
80.0	-0.3675+0.6516i	0.5849+0.4102i	--	-0.8232+0.3506i	-0.7481-0.4628i	3.9529-0.2128i	1.4816+0.0452i	1.1755-0.0188i

2.1.106 Run 10 – IP270NVP – Accels 25–32

In-plane shaking at 270° with no vertical shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	17.8004+0.0000i	17.3297+0.0000i	15.5769+0.0000i	15.2622+0.0000i	5.8647+0.0000i	20.6703+0.0000i	15.1403+0.0000i	-12.5748+0.0000i
0.1	17.6028+0.6323i	17.3054+0.0863i	15.5332+0.0984i	15.2568+0.0709i	5.8340-0.2312i	20.5951-0.4980i	14.9934-0.0747i	-12.8468-0.1333i
0.2	14.8128-9.8222i	-0.4803-0.0834i	-1.0562+1.6842i	-1.9194+6.9500i	3.5229+3.9592i	1.2362+9.8563i	-7.9659-14.0999i	-1.8845-9.0167i
0.3	1.1409-1.6920i	-0.0784+0.0198i	0.4637+0.2569i	-0.6197+0.3114i	2.1039+1.9000i	2.8163+1.3095i	-1.3303+1.6974i	-0.4788+1.9045i
0.4	-0.2440-0.1413i	0.0216+0.1187i	0.1061+0.1326i	-0.0154-0.2065i	0.4942-0.0297i	0.4445+0.2147i	0.1601+0.4143i	0.0188+0.3514i
0.5	-0.0050+0.0309i	-0.0485-0.0225i	-0.0226+0.0122i	0.0269+0.1087i	0.0545-0.0882i	0.0403+0.0142i	0.0450+0.0916i	-0.0311-0.0000i
0.6	0.0090-0.0094i	-0.0474+0.0020i	0.0057+0.0143i	-0.0326-0.0738i	0.0239+0.0238i	0.0261+0.0143i	0.0203+0.0383i	-0.0236+0.0148i
0.7	0.0073+0.0053i	-0.0214-0.0474i	0.0530-0.0283i	0.0689+0.0491i	0.0204+0.0213i	0.0226+0.0034i	-0.0425+0.0069i	0.0079-0.0057i
0.8	-0.0021+0.0004i	0.0310-0.0227i	0.0635+0.0116i	-0.0068-0.0185i	0.0117+0.0220i	0.0374-0.0186i	-0.0080-0.0102i	-0.0347+0.0038i
0.9	-0.0104-0.0007i	0.0432-0.0187i	0.0824+0.0202i	-0.0989+0.0757i	0.0070+0.0092i	0.0515-0.0187i	0.0061+0.0002i	-0.0611+0.0114i
1.0	-0.0047-0.0031i	0.0321-0.0312i	0.1413+0.0286i	-0.0925+0.0733i	0.0368-0.0173i	0.0654-0.0142i	0.0221-0.0145i	-0.0751+0.0029i
1.1	-0.0046-0.0022i	0.0291-0.0139i	0.1745+0.0724i	-0.0590+0.0496i	0.0344-0.0136i	0.0772-0.0260i	0.0169-0.0096i	-0.0894+0.0258i
1.2	-0.0094+0.0000i	0.0123+0.0057i	0.2288+0.1444i	0.0025+0.0195i	0.0216-0.0246i	0.0875-0.0369i	0.0125-0.0071i	-0.1054+0.0409i
1.3	-0.0125+0.0025i	0.0261+0.0126i	0.3738+0.2398i	-0.0210+0.0275i	0.0333-0.0263i	0.1143-0.0547i	0.0139-0.0223i	-0.1406+0.0528i
1.4	-0.0169+0.0007i	0.0524+0.0066i	0.9365+0.3332i	-0.0024+0.0353i	0.0311-0.0309i	0.1238-0.0594i	0.0065-0.0254i	-0.1640+0.0564i
1.5	-0.0200+0.0011i	0.0861-0.0347i	1.8497-0.7654i	0.0343-0.0342i	0.0275-0.0133i	0.1748-0.0554i	0.0007-0.0059i	-0.2287+0.0632i
1.6	-0.0237+0.0048i	0.0582-0.0920i	1.2266-2.0084i	0.0333-0.0444i	0.0707-0.0140i	0.2606-0.0931i	0.0308+0.0043i	-0.3176+0.1181i
1.7	-0.0295+0.0066i	-0.0015-0.0898i	-0.1585-1.9967i	0.0058-0.0423i	0.1067-0.0687i	0.3235-0.2090i	0.0628-0.0265i	-0.3784+0.2437i
1.8	-0.0346+0.0189i	-0.0253-0.0643i	-0.6441-1.5029i	0.0057-0.0504i	0.0776-0.1607i	0.2870-0.4469i	0.0446-0.0901i	-0.3414+0.5040i
1.9	-0.0323+0.0380i	-0.0407-0.0469i	-0.8826-1.3537i	-0.0129-0.0634i	0.0218-0.2357i	0.1639-0.6811i	0.0110-0.1360i	-0.2138+0.7692i
2.0	-0.0054+0.0438i	-0.0338+0.0157i	-1.3506-0.6116i	-0.0169-0.0040i	-0.1740-0.1621i	-0.3815-0.5870i	-0.1046-0.1206i	0.4042+0.6775i
2.1	0.0068+0.0332i	0.0171+0.0485i	-1.2728-0.2444i	-0.0367+0.0034i	-0.2091-0.0844i	-0.5528-0.3913i	-0.1510-0.0852i	0.6062+0.4608i
2.2	0.0065+0.0217i	0.1163+0.0519i	-1.0097-0.0624i	-0.0329+0.0054i	-0.1711-0.0182i	-0.5162-0.2082i	-0.1637-0.0370i	0.5695+0.2537i
2.3	-0.0028+0.0244i	0.2591-0.1157i	-0.8300+0.0535i	-0.0539+0.0010i	-0.1195-0.0092i	-0.4602-0.0993i	-0.1656+0.0276i	0.5110+0.1248i
2.4	0.0086+0.0378i	-0.0211-0.4538i	-0.6913+0.1031i	-0.0247+0.0352i	-0.1542-0.0532i	-0.4219-0.0476i	-0.1063+0.0966i	0.4649+0.0631i
2.5	0.0191+0.0223i	-0.2958-0.1994i	-0.5762+0.1034i	0.0042-0.0072i	-0.1905+0.0102i	-0.3842+0.0003i	-0.0499+0.0700i	0.4182+0.0140i
2.6	0.0140+0.0155i	-0.1885-0.0740i	-0.5161+0.0862i	-0.0106+0.0009i	-0.1526+0.0392i	-0.3499+0.0226i	-0.0531+0.0545i	0.3821-0.0115i
2.7	0.0121+0.0127i	-0.1499-0.0367i	-0.4711+0.0911i	-0.0101-0.0004i	-0.1313+0.0557i	-0.3248+0.0473i	-0.0499+0.0578i	0.3560-0.0365i
2.8	0.0084+0.0117i	-0.1212-0.0297i	-0.4372+0.0838i	-0.0066+0.0184i	-0.1165+0.0634i	-0.2998+0.0629i	-0.0467+0.0600i	0.3318-0.0529i
2.9	0.0055+0.0104i	-0.1044-0.0234i	-0.4129+0.0692i	-0.0139+0.0168i	-0.1058+0.0636i	-0.2833+0.0687i	-0.0438+0.0580i	0.3127-0.0606i
3.0	0.0034+0.0085i	-0.0928-0.0161i	-0.3907+0.0625i	-0.0121+0.0025i	-0.0972+0.0641i	-0.2707+0.0738i	-0.0416+0.0556i	0.2980-0.0672i
3.1	0.0010+0.0086i	-0.0845-0.0146i	-0.3714+0.0607i	-0.0128+0.0033i	-0.0888+0.0697i	-0.2562+0.0833i	-0.0379+0.0590i	0.2825-0.0766i
3.2	0.0001+0.0088i	-0.0796-0.0132i	-0.3490+0.0609i	-0.0075+0.0095i	-0.0724+0.0758i	-0.2328+0.0958i	-0.0275+0.0658i	0.2588-0.0897i
3.3	-0.0005+0.0077i	-0.0762-0.0110i	-0.3307+0.0509i	-0.0065+0.0111i	-0.0587+0.0712i	-0.2134+0.0933i	-0.0175+0.0619i	0.2391-0.0882i
3.4	-0.0030+0.0063i	-0.0695-0.0064i	-0.3192+0.0462i	-0.0099+0.0049i	-0.0558+0.0689i	-0.2074+0.0935i	-0.0164+0.0601i	0.2320-0.0898i
3.5	-0.0043+0.0058i	-0.0678-0.0042i	-0.3130+0.0438i	-0.0063-0.0027i	-0.0533+0.0701i	-0.2026+0.0966i	-0.0145+0.0606i	0.2268-0.0937i
3.6	-0.0070+0.0065i	-0.0656-0.0032i	-0.3110+0.0465i	-0.0101-0.0004i	-0.0532+0.0783i	-0.2032+0.1098i	-0.0160+0.0667i	0.2263-0.1061i
3.7	-0.0083+0.0062i	-0.0644-0.0048i	-0.3035+0.0413i	-0.0044+0.0052i	-0.0468+0.0789i	-0.1954+0.1113i	-0.0109+0.0664i	0.2178-0.1079i
3.8	-0.0087+0.0051i	-0.0606-0.0040i	-0.2841+0.0383i	-0.0043+0.0009i	-0.0286+0.0806i	-0.1733+0.1159i	0.0049+0.0673i	0.1955-0.1141i
3.9	-0.0098+0.0056i	-0.0597-0.0024i	-0.2692+0.0352i	-0.0019-0.0012i	-0.0099+0.0827i	-0.1507+0.1337i	0.0214+0.0673i	0.1722-0.1311i
4.0	-0.0106+0.0049i	-0.0573-0.0035i	-0.2688+0.0255i	-0.0097-0.0009i	-0.0067+0.0734i	-0.1351+0.1250i	0.0199+0.0573i	0.1570-0.1228i
4.1	-0.0140+0.0038i	-0.0588-0.0024i	-0.2811+0.0347i	-0.0081+0.0026i	-0.0241+0.0855i	-0.1598+0.1316i	0.0013+0.0721i	0.1818-0.1308i
4.2	-0.0162+0.0022i	-0.0562-0.0012i	-0.2726+0.0259i	-0.0042+0.0025i	-0.0148+0.0734i	-0.1516+0.1161i	0.0099+0.0640i	0.1739-0.1159i
4.3	-0.0173+0.0011i	-0.0555+0.0019i	-0.2603+0.0168i	-0.0038+0.0023i	0.0043+0.0595i	-0.1329+0.1048i	0.0258+0.0569i	0.1549-0.1053i
4.4	-0.0202+0.0019i	-0.0532+0.0007i	-0.2577+0.0151i	-0.0135+0.0046i	0.0064+0.0616i	-0.1271+0.1192i	0.0321+0.0658i	0.1478-0.1198i
4.5	-0.0237+0.0005i	-0.0485-0.0020i	-0.2582+0.0059i	-0.0186+0.0082i	-0.0021+0.0493i	-0.1274+0.0952i	0.0359+0.0505i	0.1469-0.0954i
4.6	-0.0260+0.0010i	-0.0494-0.0047i	-0.2561+0.0058i	-0.0081+0.0120i	0.0045+0.0545i	-0.1262+0.0963i	0.0410+0.0488i	0.1462-0.0964i
4.7	-0.0283+0.0014i	-0.0516-0.0022i	-0.2575+0.0036i	-0.0111+0.0009i	0.0042+0.0487i	-0.1403+0.0890i	0.0386+0.0426i	0.1599-0.0898i
4.8	-0.0315+0.0019i	-0.0501+0.0003i	-0.2519+0.0078i	-0.0078-0.0031i	0.0093+0.0553i	-0.1476+0.1120i	0.0404+0.0531i	0.1678-0.1138i
4.9	-0.0329+0.0019i	-0.0468+0.0003i	-0.2473+0.0001i	-0.0145+0.0031i	0.0104+0.0407i	-0.1466+0.1023i	0.0455+0.0435i	0.1656-0.1043i
5.0	-0.0349+0.0007i	-0.0471+0.0018i	-0.2498-0.0050i	-0.0155+0.0009i	0.0031+0.0298i	-0.1630+0.0941i	0.0431+0.0319i	0.1823-0.0962i
5.1	-0.0375+0.0021i	-0.0531-0.0011i	-0.2519-0.0068i	-0.0020+0.0064i	0.0072+0.0393i	-0.1791+0.1225i	0.0430+0.0367i	0.2008-0.1254i
5.2	-0.0410+0.0028i	-0.0520-0.0029i	-0.2547-0.0112i	0.0021+0.0040i	-0.0028+0.0391i	-0.1973+0.1408i	0.0365+0.0337i	0.2180-0.1436i
5.3	-0.0448+0.0021i	-0.0517-0.0029i	-0.2577-0.0154i	-0.0041+0.0027i	-0.0135+0.0362i	-0.2152+0.1570i	0.0299+0.0259i	0.2361-0.1586i
5.4	-0.0468+0.0022i	-0.0487-0.0013i	-0.2568-0.0183i	-0.0077+0.0018i	-0.0175+0.0332i	-0.2035+0.1955i	0.0395+0.0286i	0.2238-0.1977i
5.5	-0.0514+0.0031i	-0.0481+0.0003i	-0.2608-0.0219i	-0.0033-0.0018i	-0.0240+0.0258i	-0.2005+0.2122i	0.0374+0.0272i	0.2194-0.2179i
5.6	-0.0548+0.0050i	-0.0463-0.0017i	-0.2599-0.0266i	-0.0082+0.0031i	-0.0266+0.0343i	-0.1832+0.2645i	0.0550+0.0169i	0.1995-0.2709i

5.7	-0.0550+0.0058i	-0.0457+0.0010i	-0.2585-0.0273i	-0.0100-0.0142i	-0.0210+0.0431i	-0.1503+0.3121i	0.0613+0.0087i	0.1673-0.3157i
5.8	-0.0574+0.0054i	-0.0464-0.0019i	-0.2648-0.0305i	-0.0194-0.0168i	-0.0191+0.0525i	-0.0979+0.3375i	0.0544-0.0003i	0.1159-0.3411i
5.9	-0.0591+0.0073i	-0.0442-0.0034i	-0.2662-0.0313i	-0.0334-0.0232i	-0.0186+0.0567i	-0.0565+0.3505i	0.0467+0.0031i	0.0767-0.3549i
6.0	-0.0599+0.0047i	-0.0426-0.0089i	-0.2723-0.0320i	-0.0297-0.0074i	-0.0237+0.0566i	-0.0083+0.2902i	0.0364-0.0091i	0.0263-0.2931i
6.1	-0.0635+0.0032i	-0.0441-0.0091i	-0.2732-0.0303i	-0.0310+0.0059i	-0.0197+0.0635i	0.0186+0.2903i	0.0387-0.0088i	-0.0017-0.2920i
6.2	-0.0668+0.0048i	-0.0494-0.0062i	-0.2767-0.0268i	-0.0265-0.0033i	-0.0117+0.0689i	0.0362+0.2954i	0.0405-0.0058i	-0.0183-0.2965i
6.3	-0.0668+0.0037i	-0.0522-0.0048i	-0.2765-0.0231i	-0.0402-0.0104i	0.0045+0.0730i	0.0585+0.2571i	0.0322-0.0076i	-0.0387-0.2577i
6.4	-0.0660+0.0057i	-0.0513-0.0131i	-0.2755-0.0256i	-0.0368+0.0096i	0.0143+0.0730i	0.0758+0.2255i	0.0211-0.0111i	-0.0562-0.2255i
6.5	-0.0677+0.0076i	-0.0582-0.0117i	-0.2820-0.0256i	-0.0211+0.0166i	0.0190+0.0720i	0.1008+0.2312i	0.0177-0.0129i	-0.0798-0.2325i
6.6	-0.0700+0.0069i	-0.0593-0.0048i	-0.2794-0.0206i	-0.0295-0.0032i	0.0297+0.0674i	0.1230+0.2414i	0.0215-0.0035i	-0.1013-0.2452i
6.7	-0.0693+0.0026i	-0.0643-0.0025i	-0.2800-0.0194i	-0.0322-0.0108i	0.0273+0.0579i	0.1234+0.2179i	0.0221-0.0016i	-0.1024-0.2208i
6.8	-0.0672+0.0012i	-0.0701-0.0072i	-0.2835-0.0225i	-0.0237+0.0050i	0.0195+0.0529i	0.1156+0.1769i	0.0198-0.0054i	-0.0946-0.1795i
6.9	-0.0678-0.0023i	-0.0718-0.0093i	-0.2821-0.0263i	-0.0275+0.0111i	0.0183+0.0512i	0.1089+0.1572i	0.0165-0.0069i	-0.0880-0.1604i
7.0	-0.0596-0.0205i	-0.0770+0.0030i	-0.2743-0.0229i	-0.0442-0.0071i	0.0368+0.0560i	0.1127+0.1466i	0.0100-0.0136i	-0.0886-0.1506i
7.1	-0.0523-0.0534i	-0.0899+0.0245i	-0.2757-0.0238i	-0.0394+0.0010i	0.0524+0.0546i	0.1306+0.1347i	-0.0015-0.0125i	-0.1037-0.1415i
7.2	-0.0992-0.0958i	-0.0725+0.0509i	-0.2780-0.0267i	-0.0335-0.0092i	0.0544+0.0278i	0.1157+0.1301i	-0.0079+0.0120i	-0.0905-0.1452i
7.3	-0.1561-0.0692i	-0.0476+0.0358i	-0.2833-0.0301i	-0.0300+0.0095i	0.0355+0.0282i	0.1026+0.1527i	0.0109+0.0218i	-0.0826-0.1676i
7.4	-0.1799-0.0313i	-0.0315+0.0170i	-0.2849-0.0302i	-0.0373+0.0120i	0.0185+0.0256i	0.1028+0.1323i	0.0202+0.0130i	-0.0876-0.1425i
7.5	-0.1826-0.0114i	-0.0296+0.0138i	-0.2837-0.0246i	-0.0491-0.0058i	0.0116+0.0329i	0.0992+0.1261i	0.0212+0.0041i	-0.0853-0.1321i
7.6	-0.1807-0.0036i	-0.0305+0.0124i	-0.2783-0.0214i	-0.0640+0.0033i	0.0196+0.0339i	0.1248+0.1246i	0.0225+0.0037i	-0.1101-0.1301i
7.7	-0.1836+0.0081i	-0.0429+0.0028i	-0.2814-0.0239i	-0.0540+0.0250i	0.0128+0.0475i	0.1164+0.1233i	0.0272-0.0066i	-0.1023-0.1259i
7.8	-0.1853+0.0149i	-0.0465-0.0042i	-0.2828-0.0276i	-0.0461+0.0480i	0.0129+0.0555i	0.1057+0.1211i	0.0235-0.0093i	-0.0900-0.1235i
7.9	-0.1875+0.0219i	-0.0540+0.0056i	-0.2826-0.0228i	-0.0471+0.0424i	0.0216+0.0601i	0.1321+0.1116i	0.0216-0.0177i	-0.1154-0.1137i
8.0	-0.1941+0.0308i	-0.0557+0.0171i	-0.2818-0.0170i	-0.0579+0.0314i	0.0238+0.0629i	0.1334+0.1213i	0.0123-0.0205i	-0.1149-0.1242i
8.1	-0.1976+0.0272i	-0.0486+0.0093i	-0.2731-0.0206i	-0.0808+0.0368i	0.0295+0.0508i	0.1183+0.0973i	0.0046-0.0145i	-0.1003-0.0995i
8.2	-0.2023+0.0231i	-0.0465+0.0037i	-0.2706-0.0281i	-0.0648+0.0365i	0.0311+0.0348i	0.1206+0.0735i	0.0056-0.0069i	-0.1030-0.0762i
8.3	-0.2111+0.0226i	-0.0561+0.0081i	-0.2785-0.0278i	-0.0409+0.0230i	0.0345+0.0207i	0.1409+0.0474i	0.0072-0.0011i	-0.1199-0.0520i
8.4	-0.2136+0.0267i	-0.0494+0.0085i	-0.2710-0.0262i	-0.0697+0.0104i	0.0398+0.0232i	0.1167+0.0555i	-0.0087-0.0016i	-0.0978-0.0582i
8.5	-0.2269+0.0357i	-0.0619+0.0085i	-0.2789-0.0293i	-0.0537+0.0184i	0.0371+0.0230i	0.1056+0.0405i	-0.0092-0.0073i	-0.0889-0.0423i
8.6	-0.2498+0.0424i	-0.0624+0.0060i	-0.2719-0.0369i	-0.0947+0.0519i	0.0312+0.0202i	0.1102+0.0327i	-0.0043-0.0062i	-0.0912-0.0362i
8.7	-0.2539+0.0472i	-0.0548+0.0098i	-0.2608-0.0379i	-0.1267+0.0420i	0.0337+0.0162i	0.1003+0.0295i	-0.0124-0.0015i	-0.0784-0.0342i
8.8	-0.2728+0.0518i	-0.0644+0.0092i	-0.2605-0.0416i	-0.1232+0.0450i	0.0369+0.0067i	0.0850+0.0394i	-0.0209+0.0022i	-0.0620-0.0442i
8.9	-0.2902+0.0792i	-0.0671+0.0147i	-0.2531-0.0526i	-0.1321+0.0829i	0.0300+0.0056i	0.0960+0.0378i	-0.0144+0.0005i	-0.0765-0.0426i
9.0	-0.2843+0.0921i	-0.0631+0.0229i	-0.2550-0.0537i	-0.1376+0.0833i	0.0198-0.0012i	0.0927+0.0362i	-0.0231+0.0072i	-0.0719-0.0409i
9.1	-0.2943+0.1021i	-0.0651+0.0252i	-0.2549-0.0588i	-0.1237+0.0932i	0.0263-0.0041i	0.0917+0.0147i	-0.0278+0.0135i	-0.0715-0.0199i
9.2	-0.3538+0.1347i	-0.0789+0.0361i	-0.2463-0.0592i	-0.1953+0.1110i	0.0336-0.0033i	0.0939+0.0057i	-0.0247+0.0095i	-0.0744-0.0085i
9.3	-0.3509+0.2307i	-0.0771+0.0604i	-0.2423-0.0710i	-0.1969+0.2094i	0.0370-0.0103i	0.0939+0.0097i	-0.0322+0.0237i	-0.0709-0.0086i
9.4	-0.2982+0.3203i	-0.0615+0.0848i	-0.2413-0.0837i	-0.1479+0.2745i	0.0242-0.0158i	0.1071+0.0254i	-0.0310+0.0380i	-0.0802-0.0270i
9.5	-0.1971+0.3466i	-0.0322+0.0919i	-0.2422-0.0977i	-0.0428+0.3166i	0.0103-0.0152i	0.1216+0.0282i	-0.0203+0.0432i	-0.0969-0.0314i
9.6	-0.0959+0.3061i	0.0032+0.0742i	-0.2427-0.1090i	0.0510+0.3128i	-0.0145-0.0206i	0.0973+0.0295i	-0.0064+0.0379i	-0.0713-0.0343i
9.7	-0.0731+0.2007i	0.0210+0.0438i	-0.2322-0.1207i	0.0466+0.2191i	-0.0258-0.0111i	0.0848+0.0278i	-0.0008+0.0251i	-0.0584-0.0326i
9.8	-0.0832+0.1505i	0.0211+0.0233i	-0.2322-0.1396i	0.0567+0.1777i	-0.0305-0.0034i	0.0864+0.0269i	-0.0040+0.0229i	-0.0590-0.0307i
9.9	-0.0996+0.1189i	0.0134+0.0123i	-0.2449-0.1564i	0.0555+0.1486i	-0.0274-0.0069i	0.0788+0.0030i	0.0029+0.0324i	-0.0553-0.0085i
10.0	-0.1284+0.0946i	0.0064+0.0035i	-0.2436-0.1781i	0.0319+0.1214i	-0.0256+0.0076i	0.0951+0.0016i	-0.0079+0.0440i	-0.0703-0.0136i
10.1	-0.1587+0.0765i	-0.0037-0.0049i	-0.2486-0.1885i	0.0388+0.1214i	-0.0343+0.0139i	0.0950+0.0243i	-0.0235+0.0346i	-0.0639-0.0320i
10.2	-0.1884+0.0858i	-0.0090-0.0101i	-0.2692-0.2032i	0.0149+0.1668i	-0.0309+0.0140i	0.0878+0.0134i	-0.0036+0.0293i	-0.0623-0.0146i
10.3	-0.2067+0.1045i	-0.0115-0.0176i	-0.2821-0.2209i	-0.0027+0.2226i	-0.0389+0.0243i	0.0978+0.0163i	0.0014+0.0404i	-0.0733-0.0193i
10.4	-0.2139+0.1181i	-0.0147-0.0189i	-0.2870-0.2348i	0.0102+0.2413i	-0.0558+0.0302i	0.1019+0.0304i	-0.0206+0.0350i	-0.0718-0.0327i
10.5	-0.2009+0.1241i	-0.0159-0.0154i	-0.3084-0.2426i	0.0450+0.2376i	-0.0364+0.0439i	0.1024+0.0068i	-0.0082+0.0404i	-0.0709-0.0085i
10.6	-0.1971+0.1147i	-0.0163-0.0177i	-0.3184-0.2556i	0.0740+0.2523i	-0.0493+0.0760i	0.1136+0.0040i	-0.0186+0.0783i	-0.0819-0.0093i
10.7	-0.1984+0.0965i	-0.0280-0.0171i	-0.3338-0.2563i	0.1154+0.2004i	-0.0560+0.0897i	0.1075+0.0077i	-0.0197+0.0872i	-0.0766-0.0137i
10.8	-0.2122+0.0859i	-0.0319-0.0180i	-0.3507-0.2635i	0.1271+0.1737i	-0.0261+0.0985i	0.0993+0.0012i	0.0052+0.0910i	-0.0721-0.0063i
10.9	-0.2255+0.0958i	-0.0377-0.0205i	-0.3647-0.2989i	0.1584+0.2007i	-0.0124+0.1307i	0.1020+0.0070i	0.0185+0.1201i	-0.0703-0.0147i
11.0	-0.2391+0.0927i	-0.0421-0.0181i	-0.3828-0.3023i	0.1429+0.1844i	0.0242+0.1265i	0.1043+0.0049i	0.0520+0.1096i	-0.0757-0.0128i
11.1	-0.2424+0.0858i	-0.0369-0.0219i	-0.4087-0.2919i	0.1302+0.1441i	0.0719+0.1016i	0.1112-0.0040i	0.0893+0.0802i	-0.0820-0.0017i
11.2	-0.2518+0.0875i	-0.0361-0.0311i	-0.4196-0.2882i	0.1289+0.1501i	0.0892+0.0814i	0.1131-0.0016i	0.1002+0.0596i	-0.0841+0.0035i
11.3	-0.2565+0.0813i	-0.0439-0.0205i	-0.4452-0.2736i	0.1513+0.1316i	0.1127+0.0700i	0.1256-0.0011i	0.1163+0.0455i	-0.0948+0.0013i
11.4	-0.2679+0.0824i	-0.0445-0.0249i	-0.4483-0.3064i	0.1519+0.1135i	0.0967+0.0514i	0.1128-0.0005i	0.0990+0.0285i	-0.0758+0.0014i
11.5	-0.2812+0.0733i	-0.0458-0.0228i	-0.4532-0.2865i	0.1610+0.1104i	0.1109+0.0207i	0.1219-0.0086i	0.1060+0.0038i	-0.0825+0.0068i
11.6	-0.2909+0.0671i	-0.0517-0.0181i	-0.4449-0.2848i	0.1684+0.0874i	0.1081-0.0081i	0.1161-0.0167i	0.0978-0.0241i	-0.0785+0.0159i
11.7	-0.3059+0.0610i	-0.0642-0.0112i	-0.4587-0.2955i	0.1889+0.0549i	0.0878-0.0291i	0.1125-0.0147i	0.0819-0.0430i	-0.0678+0.0161i
11.8	-0.3237+0.0538i	-0.0591-0.0201i	-0.4571-0.3005i	0.1612+0.0631i	0.0731-0.0417i	0.1201-0.0115i	0.0675-0.0507i	-0.0738+0.0119i
11.9	-0.3420+0.0504i	-0.0613-0.0162i	-0.4571-0.3173i	0.1528+0.0479i	0.0472-0.0620i	0.1138-0.0081i	0.0410-0.0623i	-0.0677+0.0117i

12.0	-0.3656+0.0506i	-0.0606-0.0110i	-0.4329-0.3248i	0.1405+0.0548i	0.0386-0.0676i	0.1249-0.0092i	0.0334-0.0665i	-0.0751+0.0083i
12.1	-0.3865+0.0524i	-0.0628-0.0130i	-0.4140-0.3465i	0.1425+0.0713i	0.0308-0.0567i	0.1343-0.0083i	0.0265-0.0577i	-0.0831+0.0045i
12.2	-0.4087+0.0587i	-0.0621-0.0135i	-0.3943-0.3860i	0.1270+0.0654i	0.0274-0.0550i	0.1495-0.0153i	0.0225-0.0547i	-0.0988+0.0091i
12.3	-0.4379+0.0632i	-0.0668-0.0137i	-0.3858-0.4517i	0.1098+0.0579i	-0.0051-0.0527i	0.1403-0.0194i	-0.0065-0.0462i	-0.0868+0.0166i
12.4	-0.4663+0.0755i	-0.0602-0.0095i	-0.3685-0.5190i	0.0987+0.0490i	-0.0294-0.0503i	0.1317-0.0208i	-0.0287-0.0465i	-0.0787+0.0183i
12.5	-0.4943+0.0890i	-0.0572-0.0206i	-0.3579-0.6423i	0.0800+0.0748i	-0.0176-0.0429i	0.1523-0.0187i	-0.0196-0.0404i	-0.0984+0.0117i
12.6	-0.5123+0.1091i	-0.0658-0.0215i	-0.4068-0.7546i	0.0970+0.1092i	-0.0058-0.0449i	0.1728-0.0308i	-0.0084-0.0418i	-0.1143+0.0300i
12.7	-0.5191+0.1344i	-0.0724-0.0187i	-0.5274-0.8820i	0.1343+0.1155i	-0.0187-0.0491i	0.1669-0.0433i	-0.0191-0.0439i	-0.1030+0.0398i
12.8	-0.5213+0.1579i	-0.0768-0.0157i	-0.7249-0.9835i	0.1563+0.1172i	-0.0382-0.0471i	0.1576-0.0439i	-0.0426-0.0481i	-0.0867+0.0372i
12.9	-0.5183+0.1688i	-0.0871-0.0203i	-0.9339-1.0298i	0.2053+0.1202i	-0.0244-0.0475i	0.1883-0.0397i	-0.0398-0.0459i	-0.1158+0.0297i
13.0	-0.5065+0.1727i	-0.0928-0.0179i	-1.1436-0.9780i	0.2358+0.0958i	-0.0266-0.0677i	0.2041-0.0586i	-0.0516-0.0437i	-0.1299+0.0376i
13.1	-0.5079+0.1495i	-0.0831-0.0142i	-1.3082-0.8561i	0.2268+0.0688i	-0.0453-0.0553i	0.2056-0.0505i	-0.0649-0.0167i	-0.1271+0.0253i
13.2	-0.5225+0.1255i	-0.0900-0.0133i	-1.4213-0.7363i	0.2641+0.0495i	-0.0656-0.0430i	0.2193-0.0332i	-0.0694+0.0133i	-0.1482+0.0006i
13.3	-0.5609+0.1090i	-0.0953-0.0111i	-1.4844-0.5994i	0.2768-0.0037i	-0.0746-0.0505i	0.2551-0.0697i	-0.0527+0.0153i	-0.1945+0.0427i
13.4	-0.5985+0.1072i	-0.0931-0.0140i	-1.5050-0.5086i	0.2260-0.0131i	-0.0993-0.0593i	0.2453-0.1396i	-0.0451-0.0124i	-0.1826+0.1263i
13.5	-0.6496+0.1084i	-0.0919-0.0173i	-1.5110-0.4126i	0.1793-0.0117i	-0.1112-0.0427i	0.1989-0.1270i	-0.0786-0.0157i	-0.1154+0.1012i
13.6	-0.7084+0.1187i	-0.0999-0.0148i	-1.4975-0.2947i	0.1623-0.0261i	-0.1287-0.0307i	0.1844-0.0877i	-0.1058+0.0213i	-0.0974+0.0467i
13.7	-0.7672+0.1436i	-0.1107-0.0076i	-1.4790-0.2296i	0.1531-0.0284i	-0.1473-0.0331i	0.2118-0.1087i	-0.0990+0.0327i	-0.1319+0.0635i
13.8	-0.8211+0.1720i	-0.1185-0.0054i	-1.4488-0.1978i	0.1485-0.0176i	-0.1630-0.0156i	0.2353-0.1130i	-0.0906+0.0445i	-0.1560+0.0653i
13.9	-0.8744+0.2335i	-0.1255+0.0079i	-1.4391-0.1706i	0.1316-0.0043i	-0.1617+0.0233i	0.2787-0.1207i	-0.0727+0.0593i	-0.2093+0.0716i
14.0	-0.9160+0.2926i	-0.1219+0.0197i	-1.4294-0.1544i	0.1143+0.0140i	-0.1851+0.0549i	0.2777-0.1288i	-0.0748+0.0710i	-0.2045+0.0785i
14.1	-0.9254+0.3584i	-0.1065+0.0196i	-1.4319-0.1472i	0.1222+0.0458i	-0.1687+0.0799i	0.2820-0.1548i	-0.0657+0.0645i	-0.2097+0.1117i
14.2	-0.9376+0.4047i	-0.0928+0.0079i	-1.4403-0.1474i	0.1162+0.0764i	-0.1328+0.0950i	0.3071-0.1731i	-0.0599+0.0635i	-0.2390+0.1292i
14.3	-0.9779+0.4612i	-0.1035-0.0158i	-1.4554-0.1524i	0.1184+0.1206i	-0.1421+0.1042i	0.3111-0.1726i	-0.0672+0.1003i	-0.2391+0.1128i
14.4	-1.0066+0.5298i	-0.1388-0.0239i	-1.5014-0.1480i	0.1506+0.1167i	-0.1609+0.0993i	0.3158-0.2113i	-0.0568+0.1069i	-0.2459+0.1528i
14.5	-1.0425+0.6482i	-0.1874+0.0076i	-1.5528-0.1180i	0.1901+0.1164i	-0.1845+0.1200i	0.3223-0.2620i	-0.0372+0.1007i	-0.2553+0.2005i
14.6	-1.0468+0.7967i	-0.2008+0.0653i	-1.5906-0.0717i	0.2318+0.1081i	-0.2194+0.1549i	0.2906-0.3158i	-0.0406+0.0949i	-0.2230+0.2512i
14.7	-0.9233+1.0331i	-0.1795+0.1251i	-1.6126-0.0235i	0.2435+0.1119i	-0.2102+0.1946i	0.2451-0.4122i	-0.0351+0.0706i	-0.1843+0.3565i
14.8	-0.6357+1.1567i	-0.1115+0.1530i	-1.5941+0.0190i	0.2959+0.0956i	-0.1521+0.2627i	0.1680-0.4147i	-0.0305+0.0869i	-0.1145+0.3609i
14.9	-0.3244+1.0759i	-0.0418+0.1427i	-1.5777+0.0368i	0.3357+0.0784i	-0.0928+0.2694i	0.0732-0.3734i	-0.0342+0.0860i	-0.0214+0.3204i
15.0	-0.1514+0.8533i	-0.0124+0.1157i	-1.5789+0.0318i	0.3949+0.0308i	-0.0339+0.2581i	0.0723-0.2806i	-0.0135+0.0831i	-0.0306+0.2316i
15.1	-0.1631+0.5893i	-0.0107+0.0702i	-1.6068-0.0054i	0.4132+0.0114i	-0.0280+0.2183i	0.0971-0.2145i	-0.0180+0.0653i	-0.0594+0.1740i
15.2	-0.2674+0.3780i	-0.0249+0.0281i	-1.6702-0.0142i	0.4092-0.0187i	-0.0389+0.1641i	0.1481-0.1882i	-0.0258+0.0335i	-0.0991+0.1613i
15.3	-0.3821+0.2592i	-0.0425+0.0141i	-1.7227-0.0052i	0.4134-0.1064i	-0.0442+0.1303i	0.2278-0.1983i	-0.0207+0.0111i	-0.1679+0.1786i
15.4	-0.5275+0.2011i	-0.0562+0.0147i	-1.7757+0.0074i	0.4100-0.1916i	-0.0957+0.1271i	0.2613-0.2126i	-0.0478-0.0042i	-0.1904+0.1952i
15.5	-0.6591+0.1871i	-0.0721+0.0085i	-1.8344+0.0180i	0.4229-0.2240i	-0.1690+0.1567i	0.2636-0.2212i	-0.0965-0.0250i	-0.1861+0.2085i
15.6	-0.7648+0.1884i	-0.0799+0.0042i	-1.8880+0.0297i	0.3951-0.2650i	-0.1594+0.1930i	0.3309-0.2471i	-0.1297-0.0497i	-0.2420+0.2406i
15.7	-0.8941+0.1929i	-0.0845+0.0005i	-1.9612+0.0362i	0.3573-0.3076i	-0.1601+0.2207i	0.4129-0.2788i	-0.2040-0.0419i	-0.3147+0.2662i
15.8	-1.0192+0.2284i	-0.0901+0.0074i	-2.0279+0.0664i	0.3473-0.3598i	-0.2459+0.2610i	0.4251-0.3511i	-0.2497-0.0295i	-0.3233+0.3470i
15.9	-1.1403+0.2987i	-0.0922+0.0116i	-2.0993+0.1051i	0.2786-0.4429i	-0.2366+0.3638i	0.4591-0.4266i	-0.3573-0.0237i	-0.3323+0.4357i
16.0	-1.2589+0.3778i	-0.0961+0.0214i	-2.1939+0.1662i	0.2000-0.5135i	-0.1803+0.4513i	0.5266-0.5203i	-0.4811+0.0194i	-0.3770+0.5347i
16.1	-1.3542+0.5191i	-0.0913+0.0216i	-2.2598+0.2425i	0.0816-0.4989i	-0.1149+0.4988i	0.5138-0.6820i	-0.5951+0.1400i	-0.3336+0.6843i
16.2	-1.3858+0.6530i	-0.0830+0.0124i	-2.2825+0.2956i	-0.0554-0.4591i	-0.0458+0.5033i	0.4567-0.8080i	-0.6651+0.2893i	-0.2523+0.7873i
16.3	-1.4268+0.8526i	-0.0862-0.0151i	-2.3235+0.4027i	-0.1709-0.3634i	0.0333+0.5747i	0.3868-0.9196i	-0.7169+0.6115i	-0.1589+0.8524i
16.4	-1.4127+0.9835i	-0.0975-0.0444i	-2.3537+0.4549i	-0.1778-0.1822i	0.0742+0.5604i	0.2718-1.0516i	-0.6590+0.8734i	-0.0289+0.9580i
16.5	-1.2974+1.0798i	-0.1373-0.0613i	-2.3599+0.4947i	-0.1042-0.0021i	0.1251+0.4804i	0.0359-1.1255i	-0.4022+1.1004i	0.2034+0.9972i
16.6	-1.1600+1.1227i	-0.2099-0.0210i	-2.3671+0.5168i	0.1659+0.0179i	0.1164+0.4086i	-0.2698-1.0282i	0.0545+1.1175i	0.4847+0.8610i
16.7	-1.0505+1.1480i	-0.2277+0.0310i	-2.3975+0.5082i	0.2649-0.1047i	0.1737+0.4247i	-0.3360-0.8902i	0.3391+0.9728i	0.5185+0.7150i
16.8	-0.9959+1.0953i	-0.2069+0.0662i	-2.4923+0.4985i	0.2730-0.2434i	0.2194+0.4478i	-0.2235-0.7727i	0.3862+0.7347i	0.3968+0.6316i
16.9	-1.0515+1.0604i	-0.1911+0.0706i	-2.5911+0.5989i	0.1658-0.3120i	0.3144+0.4001i	-0.1595-0.8988i	0.2922+0.8154i	0.3404+0.7303i
17.0	-1.0711+1.0780i	-0.1847+0.0843i	-2.6462+0.7249i	0.1408-0.3937i	0.2513+0.3705i	-0.2777-1.1863i	0.4289+0.9769i	0.4548+1.0346i
17.1	-1.1364+1.0151i	-0.1932+0.1038i	-2.6378+0.7054i	0.1246-0.4862i	0.1297+0.3961i	-0.7573-1.0812i	0.6844+0.7709i	0.9946+0.9579i
17.2	-1.3084+1.0212i	-0.1985+0.1503i	-2.7456+0.6018i	0.0353-0.6174i	0.0894+0.5703i	-1.0488-0.4513i	0.7138+0.4161i	1.3987+0.2631i
17.3	-1.3614+1.1967i	-0.1292+0.1541i	-2.9414+0.6834i	-0.2589-0.5407i	0.3755+0.6342i	-0.6406-0.1949i	0.5342+0.4247i	0.9674-0.1145i
17.4	-1.3933+1.3343i	-0.1065+0.1134i	-3.1003+0.8319i	-0.2799-0.2329i	0.5458+0.3489i	-0.3183-0.2930i	0.5991+0.5808i	0.5784-0.1117i
17.5	-1.4340+1.4680i	-0.1461+0.1174i	-3.2449+0.9600i	-0.0215-0.1991i	0.3968+0.2093i	-0.3026-0.4078i	0.7964+0.5557i	0.4786-0.0300i
17.6	-1.4244+1.6279i	-0.1475+0.1363i	-3.3335+1.0937i	0.0324-0.3610i	0.2217+0.2420i	-0.3301-0.4521i	0.7905+0.3426i	0.4333+0.0206i
17.7	-1.2918+1.9004i	-0.1429+0.1739i	-3.4332+1.2862i	-0.0458-0.5401i	0.2095+0.2982i	-0.2899-0.5317i	0.7575+0.0928i	0.3188+0.0731i
17.8	-0.9803+2.0168i	-0.0926+0.1710i	-3.4306+1.4129i	-0.2323-0.5759i	0.2942+0.4176i	-0.3079-0.6027i	0.6447-0.0717i	0.2750+0.1909i
17.9	-0.6975+1.9047i	-0.0683+0.1648i	-3.4485+1.4362i	-0.3934-0.6245i	0.4251+0.5466i	-0.3729-0.5787i	0.4910-0.1020i	0.3109+0.2568i
18.0	-0.5568+1.7423i	-0.0357+0.1660i	-3.5245+1.4250i	-0.5982-0.6810i	0.5454+0.5491i	-0.4160-0.5596i	0.3392-0.0920i	0.3700+0.2848i
18.1	-0.5991+1.4839i	0.0057+0.1006i	-3.7009+1.4875i	-0.8859-0.4125i	0.6649+0.3058i	-0.4341-0.6004i	0.2112-0.0070i	0.4319+0.3244i
18.2	-0.6800+1.3891i	-0.0055+0.0496i	-3.8505+1.6308i	-0.9763-0.1658i	0.6781+0.2268i	-0.4746-0.5902i	0.2029+0.1079i	0.4978+0.3061i

18.3	-0.8043+1.3081i	-0.0246+0.0125i	-4.0021+1.7734i	-1.0490+0.0594i	0.6220+0.1609i	-0.5266-0.5407i	0.3010+0.1880i	0.5572+0.2250i
18.4	-1.0048+1.2631i	-0.0654-0.0697i	-4.2255+1.9299i	-1.0382+0.5214i	0.6341+0.0799i	-0.5076-0.5298i	0.3744+0.1857i	0.5565+0.1493i
18.5	-1.2993+1.3865i	-0.1933-0.1404i	-4.4223+2.2130i	-0.6593+1.1366i	0.5683-0.1122i	-0.5600-0.6044i	0.3408+0.0901i	0.5803+0.1051i
18.6	-1.3561+1.8167i	-0.3579-0.0198i	-4.4514+2.4737i	0.3057+1.0312i	0.4483-0.1571i	-0.6636-0.6246i	0.2881+0.0963i	0.5238+0.1046i
18.7	-0.9524+2.0750i	-0.3423+0.2223i	-4.4655+2.6202i	0.6940+0.0163i	0.3710-0.1150i	-0.7245-0.5417i	0.2655+0.1796i	0.4142+0.1567i
18.8	-0.7229+1.8512i	-0.2019+0.2149i	-4.6061+2.6735i	0.0431-0.2671i	0.3327-0.0962i	-0.7321-0.4589i	0.2604+0.2353i	0.4529+0.1775i
18.9	-0.6818+1.6909i	-0.1091+0.1831i	-4.8745+2.8172i	-0.4357-0.1601i	0.2650-0.0743i	-0.7437-0.4075i	0.2614+0.2718i	0.4928+0.1740i
19.0	-0.6752+1.5678i	-0.0792+0.1627i	-5.0646+3.0166i	-0.6133-0.0171i	0.2831-0.0545i	-0.6968-0.3769i	0.3204+0.3012i	0.4689+0.1648i
19.1	-0.7508+1.4392i	-0.0778+0.1208i	-5.3329+3.2833i	-0.6406+0.1519i	0.2893-0.0217i	-0.6320-0.3659i	0.3915+0.3295i	0.3970+0.1809i
19.2	-0.8986+1.3565i	-0.0767+0.0631i	-5.6167+3.6796i	-0.6397+0.4329i	0.2405+0.0568i	-0.6305-0.3344i	0.4242+0.3816i	0.4201+0.1565i
19.3	-0.9910+1.3267i	-0.0819+0.0352i	-5.8621+4.1186i	-0.6205+0.6271i	0.2249+0.1213i	-0.6569-0.3329i	0.4470+0.4392i	0.4705+0.2034i
19.4	-1.0894+1.2876i	-0.1090-0.0049i	-6.0635+4.6301i	-0.4805+0.7909i	0.2769+0.1585i	-0.6400-0.3531i	0.4809+0.4379i	0.4845+0.2486i
19.5	-1.2306+1.2795i	-0.1566-0.0394i	-6.1073+4.9972i	-0.3361+0.9139i	0.2500+0.1489i	-0.6777-0.4164i	0.5106+0.4588i	0.5193+0.3117i
19.6	-1.4059+1.2472i	-0.2294-0.0928i	-6.2919+5.6095i	-0.1542+1.0731i	0.3052+0.2552i	-0.7148-0.4242i	0.6610+0.6151i	0.5370+0.3604i
19.7	-1.5849+1.1915i	-0.3066-0.1179i	-6.3644+5.8562i	0.0110+1.1053i	0.3557+0.2590i	-0.7950-0.4619i	0.8327+0.5933i	0.6645+0.4382i
19.8	-1.8663+1.2594i	-0.4131-0.0912i	-6.6242+6.2628i	0.1965+1.0592i	0.3876+0.3443i	-0.9129-0.4162i	1.0175+0.5441i	0.7983+0.4070i
19.9	-2.2084+1.4460i	-0.5303-0.0005i	-7.2424+6.9331i	0.3706+0.9351i	0.3779+0.3249i	-1.0214-0.3359i	1.0730+0.4172i	0.9278+0.3240i
20.0	-2.4205+1.6538i	-0.5795+0.0815i	-7.7305+7.4273i	0.3091+0.8361i	0.4219+0.3658i	-1.0262-0.1991i	1.1127+0.3332i	0.9436+0.1876i
20.1	-2.6070+2.0091i	-0.5567+0.2010i	-8.1559+8.7437i	0.1251+0.9161i	0.5409+0.4004i	-1.0100-0.0730i	1.1509+0.1985i	0.9825+0.0708i
20.2	-2.6729+2.2830i	-0.5505+0.2512i	-8.5363+10.0556i	0.1586+1.1513i	0.5662+0.4200i	-1.0240-0.0033i	1.1243+0.1576i	0.9975-0.0158i
20.3	-2.7095+2.5940i	-0.6170+0.3109i	-8.7972+12.0580i	0.6010+1.4342i	0.6326+0.3558i	-1.0043-0.0337i	1.1908+0.0350i	0.9584+0.0505i
20.4	-2.7243+2.8155i	-0.6255+0.4017i	-8.4875+14.0675i	1.0184+1.4566i	0.7670+0.3625i	-0.9776-0.0243i	1.2990+0.0177i	0.9696+0.1419i
20.5	-2.7541+3.1370i	-0.6146+0.4915i	-7.4118+16.3257i	1.3572+1.3444i	0.8671+0.4160i	-1.0108+0.0891i	1.3164-0.0064i	1.0849+0.0705i
20.6	-2.7612+3.4701i	-0.5849+0.6495i	-5.5129+18.3309i	1.6818+0.9880i	0.9691+0.3348i	-1.0021+0.1201i	1.4035-0.1424i	1.1861+0.0636i
20.7	-2.6955+3.7994i	-0.4838+0.7513i	-3.5218+19.8152i	1.7721+0.7908i	1.0486+0.2450i	-0.9736+0.2612i	1.3745-0.3214i	1.2250-0.2182i
20.8	-2.4650+4.0636i	-0.3770+0.8463i	-1.0769+20.9701i	2.0694+0.4553i	1.1245+0.2204i	-0.8958+0.2376i	1.3351-0.3121i	1.2233-0.1103i
20.9	-2.4493+4.0871i	-0.2964+0.9088i	1.0062+21.4664i	2.0128-0.1981i	1.3058+0.1481i	-0.9556+0.1315i	1.5236-0.2714i	1.5084+0.0461i
21.0	-2.5043+4.3041i	-0.2122+0.8867i	2.8630+21.5252i	1.7943-0.2079i	1.4239+0.0028i	-1.0033+0.2516i	1.6005-0.4380i	1.6252-0.2277i
21.1	-2.4742+4.6951i	-0.1229+0.8835i	4.9819+21.0335i	1.7476-0.3463i	1.5139-0.1725i	-0.9947+0.4256i	1.6250-0.6969i	1.6402-0.6393i
21.2	-2.4337+5.0264i	-0.0226+0.9277i	6.8737+20.6906i	1.8095-0.5592i	1.4688-0.3932i	-0.9135+0.4925i	1.5541-0.9250i	1.5507-0.8790i
21.3	-2.3763+5.3075i	0.0475+0.9034i	8.4170+20.2499i	1.8841-0.6792i	1.3702-0.6087i	-0.8203+0.5746i	1.3794-1.0483i	1.2942-1.0451i
21.4	-2.3366+5.6598i	0.0932+0.8707i	9.6420+19.4474i	1.7087-0.9879i	1.2157-0.6371i	-0.7970+0.6071i	1.1735-1.0227i	1.2073-1.1273i
21.5	-2.2580+6.2801i	0.0834+0.9115i	10.3586+19.1993i	1.7099-1.3514i	1.1744-0.7758i	-0.7539+0.6125i	1.1945-1.0791i	1.1643-1.1158i
21.6	-1.8805+6.7718i	0.1646+0.9407i	11.8344+19.4777i	1.5407-1.6978i	1.1502-0.8905i	-0.6752+0.6123i	1.1915-1.2350i	1.0293-1.1394i
21.7	-1.3774+7.2337i	0.2704+0.9447i	13.6004+19.4829i	1.0306-1.9378i	1.1099-0.9521i	-0.5636+0.5753i	1.0990-1.3569i	0.9118-1.1350i
21.8	-0.6829+7.6850i	0.3632+0.9344i	15.7516+18.8100i	0.3640-2.0068i	1.0962-1.0464i	-0.5294+0.6726i	1.0543-1.4679i	0.8961-1.2893i
21.9	0.0570+7.7661i	0.4772+0.9054i	18.1440+17.8461i	-0.0206-1.7971i	0.9802-1.0883i	-0.5237+0.6825i	0.9419-1.5104i	0.9585-1.3727i
22.0	0.8188+7.6691i	0.5522+0.8688i	20.2268+16.4427i	-0.1608-1.5185i	0.8937-1.2486i	-0.4656+0.6225i	0.7728-1.6116i	0.8612-1.4051i
22.1	1.5049+7.4394i	0.6701+0.7954i	22.1410+14.7551i	-0.4101-1.1991i	0.8187-1.3766i	-0.3430+0.6299i	0.6384-1.7066i	0.6434-1.4870i
22.2	2.0207+7.0936i	0.7454+0.6986i	23.6524+13.1187i	-0.4693-0.8603i	0.5940-1.4839i	-0.2687+0.6093i	0.4408-1.7862i	0.5210-1.5364i
22.3	2.3390+6.5567i	0.7990+0.6268i	25.0470+11.0372i	-0.3132-0.6348i	0.3800-1.4580i	-0.1896+0.5261i	0.2661-1.6618i	0.3662-1.4366i
22.4	2.3526+6.0319i	0.8341+0.5214i	25.9896+9.1037i	-0.2240-0.5007i	0.2419-1.3127i	-0.1384+0.5111i	0.1204-1.5101i	0.2278-1.3928i
22.5	2.2800+5.6493i	0.8610+0.4151i	26.9017+6.7955i	-0.1963-0.4273i	0.1460-1.1716i	-0.1079+0.4027i	0.0913-1.3374i	0.1903-1.2387i
22.6	2.1175+5.4648i	0.8695+0.3561i	27.7110+4.9646i	-0.1181-0.4051i	0.1049-1.0646i	-0.1372+0.3291i	0.1731-1.2234i	0.3098-1.2065i
22.7	1.9403+5.3615i	0.8726+0.2951i	28.1674+3.2337i	-0.1510-0.2628i	0.1191-0.9659i	-0.1968+0.2922i	0.3067-1.1820i	0.4783-1.2674i
22.8	1.6814+5.4486i	0.9013+0.1954i	28.7421+0.6131i	-0.1254+0.0303i	0.1917-0.8631i	-0.3251+0.3136i	0.4848-1.3698i	0.6978-1.5162i
22.9	1.4589+5.5557i	0.8884+0.0970i	29.3133-1.5590i	0.1860+0.3281i	0.3513-0.8065i	-0.3278+0.4767i	0.5074-1.6588i	0.5083-1.9380i
23.0	1.3222+5.8341i	0.8688-0.0141i	30.0527-4.4913i	0.8294+0.3564i	0.4578-0.8512i	-0.1735+0.5740i	0.3178-1.7909i	0.0699-2.1562i
23.1	1.1533+6.0631i	0.8208-0.1001i	30.1236-6.9531i	1.2324-0.0571i	0.4607-0.9325i	-0.0096+0.4827i	0.1006-1.6433i	-0.2517-1.8898i
23.2	1.0741+6.5085i	0.7673-0.1715i	29.6619-10.4047i	1.3625-0.5620i	0.5077-1.0301i	0.0617+0.3480i	0.0377-1.5852i	-0.4272-1.7333i
23.3	1.2256+7.2914i	0.7021-0.2803i	28.6568-14.3429i	1.3471-0.8873i	0.6095-1.1700i	0.0289+0.2027i	0.1471-1.6474i	-0.3572-1.6112i
23.4	1.5376+8.1962i	0.6167-0.3587i	27.0007-18.7647i	1.2616-1.3171i	0.5953-1.4516i	-0.0548+0.1061i	0.1169-1.8632i	-0.3469-1.6778i
23.5	2.3071+8.9424i	0.4643-0.4151i	23.6554-22.5035i	1.1602-1.7186i	0.4879-1.6972i	-0.1236+0.0487i	-0.0097-2.0784i	-0.3870-1.7811i
23.6	3.3408+9.5049i	0.3369-0.4403i	19.6974-25.3137i	0.9320-1.9164i	0.3231-1.9109i	-0.1882-0.0153i	-0.1880-2.2323i	-0.4788-1.8376i
23.7	4.8940+9.8218i	0.1796-0.4225i	13.7697-27.4660i	0.4476-2.1305i	0.0298-2.0801i	-0.2676-0.0078i	-0.4707-2.3780i	-0.6962-1.8974i
23.8	5.9733+9.7073i	0.0768-0.3364i	9.6240-27.7057i	0.1344-2.3707i	-0.1777-2.2460i	-0.3376-0.0670i	-0.6224-2.5238i	-0.8073-1.9473i
23.9	7.1612+9.0486i	0.0174-0.2362i	5.3590-26.0632i	-0.2470-2.2498i	-0.4484-2.2592i	-0.4410-0.0950i	-0.8250-2.4937i	-0.8892-1.8387i
24.0	8.1898+7.9250i	0.0066-0.1550i	1.5377-23.3332i	-0.7103-2.0861i	-0.8706-2.1074i	-0.5574+0.0847i	-1.2595-2.3625i	-1.1997-1.8815i
24.1	9.0008+7.1660i	0.0091-0.1020i	-1.3620-21.6508i	-0.9499-1.8682i	-1.0995-2.0408i	-0.6064+0.1373i	-1.4248-2.4345i	-1.2957-1.8388i
24.2	9.1712+6.3087i	-0.0190-0.0507i	-2.6008-19.4647i	-0.9941-1.7043i	-1.3074-1.8369i	-0.5907+0.2394i	-1.6877-2.3315i	-1.5020-1.7595i
24.3	9.3784+4.9199i	-0.0287+0.0436i	-4.1952-15.9167i	-1.0365-1.5660i	-1.6051-1.6742i	-0.5318+0.3225i	-2.2768-2.1594i	-1.9996-1.6233i
24.4	9.4053+4.2142i	0.0062+0.0894i	-4.6578-14.0919i	-1.0715-1.4643i	-1.6790-1.5859i	-0.5120+0.3117i	-2.4464-2.0014i	-2.0138-1.4320i
24.5	9.1766+3.4580i	0.0293+0.1544i	-4.4935-12.1354i	-1.0386-1.4869i	-1.8579-1.2626i	-0.4735+0.3446i	-2.6590-1.5428i	-2.1524-0.9947i

24.6	8.9633+2.8388i	0.0385+0.2222i	-4.6543-10.3964i	-1.1277-1.4900i	-2.0131-1.0279i	-0.4926+0.3389i	-2.7805-1.2570i	-2.1112-0.8242i
24.7	8.6146+2.3585i	0.1006+0.2743i	-4.1491-8.8316i	-1.3891-1.4545i	-2.0222-0.6956i	-0.4924+0.3758i	-2.8436-0.8609i	-2.0216-0.5568i
24.8	8.3611+1.8882i	0.1631+0.2978i	-3.9244-7.4812i	-1.7224-1.3941i	-1.9739-0.4630i	-0.5277+0.4004i	-2.8634-0.5816i	-1.9444-0.4458i
24.9	7.9455+1.6013i	0.2289+0.3548i	-3.1943-6.4348i	-2.0047-1.1870i	-1.8733-0.2657i	-0.5360+0.4617i	-2.6984-0.3447i	-1.7658-0.4305i
25.0	7.8004+1.4024i	0.3445+0.3764i	-2.6749-5.6354i	-2.1334-0.8483i	-1.8239-0.0528i	-0.4834+0.4868i	-2.5938-0.0489i	-1.8088-0.1852i
25.1	7.6197+1.1667i	0.4022+0.3222i	-2.2407-4.9087i	-2.0171-0.5826i	-1.7059+0.1707i	-0.4674+0.5222i	-2.5302+0.1132i	-1.7895-0.0651i
25.2	7.4469+1.0258i	0.4309+0.3075i	-1.8176-4.4326i	-2.0234-0.4898i	-1.4126+0.1964i	-0.3441+0.5041i	-2.3695+0.1808i	-1.6903+0.0246i
25.3	7.3480+0.8420i	0.5369+0.2653i	-1.2951-3.7730i	-2.2206-0.1516i	-1.3024+0.1415i	-0.3167+0.4654i	-2.4387+0.3141i	-1.6838+0.0828i
25.4	7.2861+0.6942i	0.5779+0.1446i	-0.8481-3.4674i	-2.1471+0.2193i	-1.3030+0.1347i	-0.3462+0.4041i	-2.3763+0.5370i	-1.5978+0.2762i
25.5	7.1183+0.5479i	0.5687+0.0464i	-0.2184-3.3534i	-1.9784+0.4570i	-1.2649+0.1694i	-0.3757+0.3857i	-2.1487+0.7948i	-1.3525+0.4210i
25.6	7.0356+0.3581i	0.5467-0.0126i	0.2425-2.9465i	-1.8698+0.6764i	-1.2905+0.2844i	-0.4002+0.4140i	-2.0268+1.0677i	-1.2875+0.4593i
25.7	6.9115+0.1699i	0.5005-0.0687i	0.9136-2.7569i	-1.6993+0.9253i	-1.2039+0.3496i	-0.4280+0.4674i	-1.7525+1.0638i	-1.1687+0.2804i
25.8	6.8023+0.0343i	0.4652-0.1110i	1.4790-2.7379i	-1.4930+1.1787i	-1.1208+0.4699i	-0.4317+0.5201i	-1.5793+1.1166i	-1.1841+0.2406i
25.9	6.7905-0.1073i	0.3832-0.1467i	1.5912-2.7168i	-1.1388+1.3402i	-1.1777+0.4145i	-0.4251+0.6066i	-1.6048+1.0205i	-1.2804+0.1633i
26.0	6.6422-0.3931i	0.2540-0.1268i	2.0955-2.6289i	-0.6842+1.2734i	-1.2642+0.6633i	-0.3553+0.7140i	-1.6000+1.3092i	-1.3786+0.4523i
26.1	6.3822-0.5760i	0.2262+0.0010i	2.8994-2.6198i	-0.5637+0.9921i	-1.0328+0.8008i	-0.2792+0.6483i	-1.2628+1.3970i	-1.1053+0.6135i
26.2	6.1124-0.6640i	0.2853+0.0958i	3.4489-2.7799i	-0.5926+0.9302i	-0.8050+0.8637i	-0.2443+0.6189i	-1.0447+1.3745i	-0.9889+0.4783i
26.3	5.9559-0.7119i	0.3609+0.1474i	3.9178-2.9035i	-0.5600+0.9732i	-0.6944+0.7240i	-0.2570+0.5994i	-0.9735+1.2016i	-0.8759+0.3014i
26.4	5.8056-0.8017i	0.4388+0.1926i	4.6581-2.8659i	-0.4016+0.9295i	-0.5173+0.6742i	-0.2427+0.6111i	-0.8658+1.1502i	-0.8116+0.1870i
26.5	5.6679-0.8998i	0.4804+0.1916i	5.0698-3.0758i	-0.3372+0.8678i	-0.4072+0.6496i	-0.2244+0.6369i	-0.7281+1.1530i	-0.8282+0.1176i
26.6	5.4656-0.9269i	0.5694+0.1653i	5.6063-3.5746i	-0.3683+0.8833i	-0.4012+0.5366i	-0.2455+0.6527i	-0.7349+1.0517i	-1.0034+0.0384i
26.7	5.2926-1.0000i	0.6488+0.1419i	6.4509-3.8078i	-0.2883+0.8858i	-0.3266+0.3083i	-0.1926+0.6272i	-0.6808+0.8981i	-1.0926-0.0193i
26.8	5.1877-1.0648i	0.6703+0.1232i	6.8698-4.0792i	-0.1616+0.8707i	-0.3092+0.0878i	-0.1331+0.6241i	-0.7022+0.8147i	-1.1988-0.0550i
26.9	5.0289-1.0926i	0.7076+0.0994i	7.2854-4.4150i	-0.1141+0.9047i	-0.4131-0.0033i	-0.0956+0.6087i	-0.7472+0.8069i	-1.4382-0.0483i
27.0	4.7689-1.1033i	0.7762+0.0629i	8.1122-5.1290i	0.0223+0.9468i	-0.6942-0.1095i	-0.1056+0.5854i	-0.8155+0.7512i	-1.5226+0.0424i
27.1	4.5565-1.0029i	0.8614+0.0315i	8.8692-5.9770i	0.1416+0.9277i	-0.8462-0.0062i	-0.0669+0.5803i	-0.7261+0.8477i	-1.6005+0.2058i
27.2	4.4120-0.8238i	0.9401-0.0626i	9.5709-7.1714i	0.3411+0.9676i	-0.9795+0.0896i	-0.0705+0.5708i	-0.7657+0.8851i	-1.6400+0.3922i
27.3	4.3387-0.6548i	1.0269-0.1706i	10.3558-8.5535i	0.5530+0.8191i	-1.0469+0.3604i	-0.0723+0.5736i	-0.7499+0.9917i	-1.6327+0.6438i
27.4	4.3397-0.5554i	1.0987-0.3323i	10.9100-10.4973i	0.6588+0.6121i	-1.0814+0.6475i	-0.1148+0.6138i	-0.7214+1.0846i	-1.6311+0.6996i
27.5	4.3949-0.5438i	1.1043-0.4344i	10.9655-11.6350i	0.6957+0.4687i	-1.0724+0.7627i	-0.1154+0.6402i	-0.7198+1.0651i	-1.5994+0.7069i
27.6	4.3185-0.4669i	1.0928-0.6289i	11.3874-14.0032i	0.8413+0.5172i	-1.0384+0.7979i	-0.0353+0.6331i	-0.7749+1.0425i	-1.7350+0.8825i
27.7	4.2933-0.3710i	1.0755-0.7856i	11.3419-16.3635i	1.0326+0.3853i	-1.0691+0.9100i	-0.0322+0.6104i	-0.8443+1.1632i	-1.7338+1.0620i
27.8	4.3656-0.2636i	0.9807-0.9532i	9.8214-19.1089i	1.1689+0.0606i	-0.9795+1.1217i	-0.0279+0.6069i	-0.7837+1.3239i	-1.6080+1.1453i
27.9	4.4379-0.1765i	0.8456-1.1459i	7.9750-21.9596i	1.0803-0.2705i	-0.8480+1.2765i	-0.0265+0.6359i	-0.6701+1.4252i	-1.5607+1.2980i
28.0	4.5604-0.1449i	0.6862-1.2521i	5.5075-23.6620i	0.9852-0.4917i	-0.6927+1.3584i	-0.0521+0.6634i	-0.5902+1.4879i	-1.4690+1.4331i
28.1	4.6236-0.1142i	0.4332-1.3690i	1.2578-25.6650i	0.6943-0.7198i	-0.4722+1.5494i	-0.0169+0.7150i	-0.4816+1.6633i	-1.3552+1.6814i
28.2	4.6277-0.1535i	0.2361-1.4014i	-1.8935-26.6288i	0.4867-0.8722i	-0.2942+1.6380i	0.0598+0.7388i	-0.3349+1.7573i	-1.3094+1.8127i
28.3	4.6866-0.1794i	0.0386-1.3233i	-5.2969-25.5871i	0.3732-0.8926i	-0.2182+1.6135i	0.0330+0.7065i	-0.2583+1.8071i	-1.0795+1.8836i
28.4	4.7321-0.1734i	-0.1587-1.2574i	-8.7881-24.9090i	0.1916-1.0661i	0.0540+1.6176i	0.0776+0.6927i	-0.0446+1.7793i	-0.9441+2.0451i
28.5	4.8703-0.2007i	-0.2854-1.1495i	-11.7938-23.1868i	-0.1187-1.0645i	0.2611+1.6128i	0.1077+0.7065i	0.0990+1.7727i	-0.7538+2.0880i
28.6	5.0200-0.2752i	-0.3683-1.0235i	-13.9583-20.9537i	-0.3154-0.9690i	0.4277+1.5635i	0.1516+0.7197i	0.2648+1.7908i	-0.5513+2.0366i
28.7	5.0397-0.3995i	-0.3969-0.9263i	-15.1628-18.7883i	-0.4890-0.8371i	0.5719+1.4160i	0.1606+0.6978i	0.3943+1.6893i	-0.3832+2.0806i
28.8	5.0343-0.5172i	-0.4184-0.8040i	-15.8629-16.5122i	-0.6654-0.7595i	0.6545+1.3371i	0.1852+0.6798i	0.4938+1.6134i	-0.2758+1.9780i
28.9	5.0572-0.6113i	-0.4299-0.6827i	-16.4747-14.1007i	-0.7414-0.6339i	0.7725+1.2729i	0.1908+0.6965i	0.6189+1.5791i	-0.0993+1.8926i
29.0	5.0263-0.7212i	-0.3876-0.6161i	-16.3610-12.4459i	-0.8151-0.5226i	0.8311+1.1619i	0.1994+0.7110i	0.6808+1.4943i	-0.0052+1.7798i
29.1	4.9656-0.7897i	-0.3657-0.5557i	-16.0266-10.8108i	-0.8595-0.4241i	0.8743+1.0149i	0.2262+0.7131i	0.7298+1.3924i	0.0585+1.6953i
29.2	4.9140-0.8359i	-0.3390-0.5301i	-15.8266-9.4588i	-0.8932-0.3602i	0.9703+0.8715i	0.2694+0.6961i	0.8125+1.2773i	0.1204+1.6797i
29.3	4.8578-0.8718i	-0.3130-0.5262i	-15.5855-8.7551i	-0.9156-0.2613i	1.0110+0.7793i	0.2971+0.6921i	0.8750+1.2280i	0.0992+1.6095i
29.4	4.8366-0.8826i	-0.2780-0.5295i	-15.2553-7.7830i	-0.8937-0.1004i	1.0438+0.6603i	0.3059+0.6792i	0.9169+1.1500i	0.1285+1.5548i
29.5	4.8223-0.9089i	-0.2656-0.5402i	-14.9100-6.8563i	-0.8928-0.0487i	0.9961+0.5392i	0.3418+0.6593i	0.9680+1.0954i	0.1167+1.5983i
29.6	4.7975-0.9054i	-0.2740-0.5497i	-14.7502-6.1612i	-0.9825+0.0834i	0.9669+0.4892i	0.3773+0.6767i	1.0714+1.0337i	0.1756+1.5930i
29.7	4.8107-0.9002i	-0.2774-0.5561i	-14.5441-5.7201i	-0.9985+0.1484i	0.9546+0.3966i	0.4224+0.6497i	1.1236+0.8761i	0.2001+1.5695i
29.8	4.8379-0.9074i	-0.3072-0.5805i	-14.3207-5.1262i	-0.9010+0.3156i	0.9227+0.3962i	0.4855+0.6457i	1.1423+0.7752i	0.2857+1.5712i
29.9	4.8483-0.9024i	-0.3468-0.5939i	-14.1147-4.5422i	-0.7772+0.4598i	0.8811+0.5204i	0.4668+0.6291i	1.0969+0.7853i	0.4222+1.5279i
30.0	4.8554-0.8977i	-0.3969-0.6036i	-13.8140-4.0260i	-0.6322+0.5583i	0.8903+0.4994i	0.4809+0.6253i	1.0478+0.7199i	0.4629+1.5359i
30.1	4.8586-0.9210i	-0.4496-0.5959i	-13.5400-3.7832i	-0.5110+0.5253i	0.8986+0.4592i	0.5306+0.6081i	1.0172+0.6812i	0.4435+1.4845i
30.2	4.8967-0.9436i	-0.5037-0.5882i	-13.4026-3.4815i	-0.4531+0.5384i	0.9456+0.4280i	0.5354+0.5871i	1.0295+0.6407i	0.4661+1.4740i
30.3	4.9404-0.9321i	-0.5781-0.5476i	-13.2665-3.0527i	-0.3623+0.5843i	0.9849+0.3948i	0.5678+0.5746i	1.0499+0.6074i	0.5230+1.4819i
30.4	4.9730-0.9161i	-0.6144-0.4983i	-13.2107-2.8280i	-0.2723+0.5687i	0.9785+0.3918i	0.5754+0.5372i	1.0439+0.6048i	0.5767+1.4710i
30.5	5.0137-0.8991i	-0.6661-0.4453i	-13.3481-2.4661i	-0.1108+0.5576i	1.1083+0.3226i	0.6146+0.5022i	1.1214+0.5323i	0.5994+1.4472i
30.6	5.0574-0.8965i	-0.6996-0.3817i	-13.3230-1.9241i	-0.0073+0.5421i	1.1675+0.2640i	0.6600+0.4844i	1.1288+0.4851i	0.6294+1.4078i
30.7	5.1172-0.9053i	-0.7113-0.3294i	-13.1519-1.4856i	0.0665+0.4867i	1.1820+0.2343i	0.6809+0.4787i	1.1065+0.4615i	0.6943+1.3750i
30.8	5.2444-0.9303i	-0.7363-0.2336i	-12.9553-1.1280i	0.1716+0.3086i	1.2600+0.1374i	0.7318+0.4562i	1.1367+0.4192i	0.7241+1.3557i

30.9	5.3511-0.9271i	-0.7256-0.1653i	-12.7096-0.8571i	0.2213+0.1653i	1.3412+0.1001i	0.7493+0.4450i	1.1881+0.4223i	0.6581+1.3299i
31.0	5.4522-0.9468i	-0.7013-0.1063i	-12.6150-0.6131i	0.1716-0.0277i	1.4493+0.0318i	0.7986+0.4599i	1.2571+0.4403i	0.5702+1.2756i
31.1	5.5803-0.9552i	-0.6715-0.0664i	-12.6118-0.4635i	0.0358-0.1343i	1.5508-0.1191i	0.9367+0.4338i	1.3654+0.4240i	0.5937+1.3817i
31.2	5.6976-1.0090i	-0.6428-0.0523i	-12.6389-0.3222i	-0.1619-0.0993i	1.5613-0.1852i	1.0017+0.3336i	1.4771+0.3360i	0.6972+1.4065i
31.3	5.8914-1.1265i	-0.6275-0.0107i	-12.7780-0.1100i	-0.2549-0.1041i	1.7299-0.2577i	1.0388+0.2194i	1.6433+0.1845i	0.6788+1.2647i
31.4	5.9843-1.1992i	-0.6281+0.0078i	-12.6823+0.1186i	-0.2265-0.0340i	1.8367-0.4720i	1.0688+0.1416i	1.6928+0.0007i	0.6065+1.3775i
31.5	6.0895-1.2200i	-0.6028+0.0404i	-12.7620+0.6253i	-0.2682+0.0253i	1.8816-0.6006i	1.0472+0.0701i	1.6992-0.1288i	0.5993+1.3716i
31.6	6.3506-1.4363i	-0.6039+0.0802i	-13.3562+0.8365i	-0.3308+0.0001i	1.8368-0.9703i	1.0833-0.0965i	1.6727-0.3790i	0.6973+1.5647i
31.7	6.4646-1.5600i	-0.6069+0.1169i	-13.6411+1.3460i	-0.3676-0.0281i	1.7639-1.1815i	1.0666-0.1892i	1.6111-0.5401i	0.8105+1.6348i
31.8	6.6582-1.7512i	-0.5820+0.1609i	-13.9081+2.1464i	-0.4420+0.0475i	1.6595-1.4294i	1.0205-0.2752i	1.5346-0.6958i	0.9461+1.7528i
31.9	6.7789-1.9894i	-0.5513+0.1870i	-13.7095+3.0243i	-0.4945+0.2038i	1.4967-1.6779i	0.9832-0.3568i	1.4353-0.8288i	1.1098+1.8474i
32.0	6.8972-2.2888i	-0.5151+0.2118i	-13.1787+3.8301i	-0.4399+0.4160i	1.1706-1.9370i	0.9193-0.4968i	1.2740-0.9816i	1.4425+1.9895i
32.1	6.9110-2.5468i	-0.4900+0.2338i	-12.8781+4.6564i	-0.3732+0.5727i	0.8707-2.1195i	0.8546-0.5887i	1.1106-1.1119i	1.6841+2.0793i
32.2	6.9856-2.7740i	-0.4983+0.2423i	-12.3930+5.7594i	-0.2051+0.7350i	0.7427-2.2927i	0.7775-0.6679i	1.0029-1.2084i	1.8457+2.0594i
32.3	7.0516-3.1570i	-0.4860+0.2852i	-11.5245+6.6558i	-0.0600+0.8575i	0.5018-2.5978i	0.7643-0.7653i	0.8802-1.3576i	2.0391+2.1139i
32.4	6.9872-3.5554i	-0.4914+0.3360i	-10.9943+7.1101i	0.2924+0.8319i	-0.0158-2.5668i	0.5535-0.8635i	0.6124-1.4398i	2.4362+1.8695i
32.5	6.9124-3.6273i	-0.4446+0.3550i	-9.9677+7.2733i	0.4853+0.8233i	-0.1295-2.4245i	0.4143-0.8074i	0.4740-1.4071i	2.4463+1.6697i
32.6	6.7321-3.8975i	-0.4363+0.4015i	-9.2027+7.3725i	0.8751+0.6396i	-0.3445-2.2079i	0.2178-0.7343i	0.2103-1.3332i	2.5432+1.3384i
32.7	6.5368-4.1653i	-0.3688+0.4454i	-8.1520+7.0223i	1.1502+0.3779i	-0.8011-2.0692i	0.1460-0.6810i	-0.0603-1.2360i	2.8299+1.1689i
32.8	6.3112-4.2021i	-0.3153+0.4504i	-7.5486+6.4602i	1.2676+0.0764i	-0.9520-1.9245i	0.1947-0.5978i	-0.1470-1.0959i	2.8732+1.0365i
32.9	6.0116-4.1464i	-0.2107+0.4671i	-6.8537+6.1225i	1.2647-0.4920i	-1.0647-1.6640i	0.2233-0.6245i	-0.2486-0.9929i	2.9636+0.7947i
33.0	5.7884-4.1904i	-0.1590+0.4410i	-6.5358+5.6917i	1.2147-0.8225i	-1.1283-1.4231i	0.1107-0.5498i	-0.3902-0.8560i	2.9822+0.4584i
33.1	5.7688-4.1853i	-0.1195+0.4321i	-5.9437+5.2711i	1.1153-1.1509i	-1.2460-1.2464i	0.0887-0.5379i	-0.5266-0.7065i	3.0571+0.1956i
33.2	5.7420-4.1840i	-0.1064+0.4147i	-5.8890+4.6547i	0.9813-1.4315i	-1.2257-1.0239i	0.0507-0.5013i	-0.6002-0.5234i	2.9769-0.0692i
33.3	5.7882-4.1373i	-0.0949+0.4125i	-5.9839+3.9575i	0.8519-1.7511i	-1.1400-0.8565i	0.0376-0.4243i	-0.6034-0.2859i	2.8833-0.2870i
33.4	5.8687-4.0449i	-0.0832+0.3978i	-6.0833+3.3383i	0.6970-2.0798i	-1.1235-0.8129i	0.0280-0.3821i	-0.6148-0.0930i	2.8658-0.4076i
33.5	6.1517-4.1440i	-0.0983+0.3868i	-6.5920+3.1843i	0.3873-2.3350i	-1.0693-0.6916i	-0.0238-0.3764i	-0.5973+0.1163i	2.7915-0.6385i
33.6	6.3022-4.2442i	-0.1083+0.4357i	-6.9367+2.9008i	-0.0121-2.6973i	-1.1004-0.4504i	-0.0413-0.4060i	-0.5736+0.3953i	2.7323-1.0820i
33.7	6.6730-4.5109i	-0.0323+0.4324i	-7.8005+1.7492i	-0.6572-2.9108i	-1.1521-0.3210i	0.0104-0.3716i	-0.3970+0.7154i	2.7499-1.3635i
33.8	6.7548-4.7943i	0.0270+0.4675i	-8.8709+1.4321i	-1.3740-3.0281i	-1.1081-0.2761i	0.1827-0.3382i	-0.0642+0.9340i	2.5830-1.5617i
33.9	6.6616-4.7507i	0.0762+0.4475i	-10.1482+1.6498i	-2.0655-2.7289i	-0.9870-0.1327i	0.2568-0.3601i	0.4099+1.0752i	2.1466-1.7616i
34.0	6.8423-4.7705i	0.1046+0.3873i	-11.2342+2.0855i	-2.4324-2.3496i	-0.8115-0.1166i	0.3084-0.3692i	0.7939+1.0670i	1.8310-1.7636i
34.1	7.0961-5.0851i	0.1095+0.3725i	-12.2485+3.0402i	-2.6958-1.8854i	-0.7958-0.1837i	0.4182-0.5132i	1.1864+0.7657i	1.6577-1.5944i
34.2	7.4117-5.4050i	0.1247+0.3112i	-12.9878+4.2324i	-2.7939-1.4347i	-0.7400-0.2989i	0.4519-0.7030i	1.4291+0.3621i	1.5164-1.3816i
34.3	7.9020-5.7780i	0.1323+0.2765i	-13.7883+5.5167i	-2.8863-1.1828i	-0.7119-0.3529i	0.3599-0.9273i	1.4866+0.0321i	1.4374-1.3194i
34.4	8.2249-6.5530i	0.1422+0.3119i	-13.9874+6.9843i	-2.8881-0.9571i	-0.6921-0.3822i	0.2204-1.0176i	1.4558-0.2614i	1.3548-1.2115i
34.5	8.4144-7.2384i	0.1643+0.3512i	-14.0884+8.2693i	-3.1266-0.8307i	-0.8000-0.3415i	0.1236-1.1099i	1.4138-0.4973i	1.4552-1.2061i
34.6	8.5659-7.9315i	0.1993+0.3960i	-13.9384+9.6521i	-3.3471-0.7025i	-0.8564-0.3239i	-0.0023-1.1027i	1.3273-0.6363i	1.4577-1.2366i
34.7	8.6295-9.1546i	0.2868+0.4549i	-13.4510+11.3378i	-3.5360-0.5934i	-1.0174-0.3140i	-0.2508-1.3134i	1.1447-0.7843i	1.5397-1.4195i
34.8	8.3943-10.3061i	0.3524+0.4228i	-12.8642+12.6771i	-3.7943-0.1186i	-1.0508-0.2522i	-0.3751-1.2827i	1.1219-0.8847i	1.4672-1.4142i
34.9	7.7582-11.2584i	0.4582+0.4235i	-11.7884+13.7783i	-3.8834+0.2361i	-1.0463-0.1056i	-0.5690-1.1816i	0.9927-0.9266i	1.3955-1.4959i
35.0	7.0157-12.5729i	0.6212+0.4272i	-10.6204+15.0690i	-4.1944+0.5772i	-1.1006+0.0010i	-0.7358-1.2288i	0.9457-1.0394i	1.3495-1.6359i
35.1	5.9758-13.5087i	0.7804+0.3850i	-9.3299+15.9240i	-4.4422+0.9962i	-1.1070+0.1185i	-0.8857-1.1538i	0.9227-1.1145i	1.2938-1.7390i
35.2	4.3323-14.2654i	0.9326+0.2761i	-7.3991+16.2938i	-4.4968+1.5237i	-1.1203+0.1517i	-1.1103-1.1148i	0.7913-1.2260i	1.1760-1.7881i
35.3	2.9781-14.4450i	0.9675+0.1477i	-5.9488+16.0816i	-4.4103+2.0194i	-1.1281+0.1558i	-1.1541-1.0837i	0.7271-1.3482i	1.1273-1.7880i
35.4	1.0613-14.3494i	1.0808-0.1190i	-4.2957+15.4914i	-4.2612+2.8362i	-1.0720+0.2969i	-1.2869-0.8441i	0.6169-1.4513i	0.9674-1.8055i
35.5	-0.1896-13.7065i	1.0928-0.3758i	-3.4825+14.7144i	-3.9844+3.5487i	-0.9837+0.4902i	-1.4092-0.6573i	0.4865-1.4479i	0.8404-1.8798i
35.6	-1.4568-12.7860i	1.0552-0.6024i	-3.1643+13.7783i	-3.5568+4.2028i	-0.9109+0.5779i	-1.4444-0.5242i	0.3729-1.5194i	0.7200-1.9347i
35.7	-2.1036-11.6739i	0.9722-0.7944i	-3.4122+13.0786i	-2.9565+4.5705i	-0.8506+0.6294i	-1.4606-0.4079i	0.2496-1.5709i	0.6876-1.8853i
35.8	-2.2776-10.8884i	0.8514-0.9953i	-4.0678+12.9528i	-2.5163+4.9013i	-0.7315+0.6848i	-1.4488-0.2806i	0.1964-1.5809i	0.6185-1.8627i
35.9	-2.3212-9.8094i	0.6241-1.2183i	-4.6442+13.3257i	-1.7321+5.1524i	-0.6208+0.7370i	-1.4084-0.1834i	0.0072-1.6169i	0.5773-1.8894i
36.0	-2.0549-9.2531i	0.3853-1.3462i	-4.8788+14.1343i	-0.9977+5.2740i	-0.5762+0.7793i	-1.4319-0.1773i	-0.1583-1.6528i	0.5941-2.0349i
36.1	-1.8074-8.7244i	0.0645-1.4247i	-4.9445+15.2808i	-0.1782+5.2684i	-0.4552+0.7854i	-1.4553-0.0998i	-0.3280-1.6576i	0.4868-2.1177i
36.2	-1.5768-8.5701i	-0.2538-1.3634i	-4.2750+16.9804i	0.5043+4.9598i	-0.3235+0.7711i	-1.5244+0.0342i	-0.5685-1.5752i	0.2924-2.1906i
36.3	-1.5687-8.6752i	-0.5264-1.1751i	-2.8030+18.3913i	1.0537+4.4172i	-0.2474+0.7117i	-1.5921+0.1213i	-0.8157-1.4313i	0.0445-2.2401i
36.4	-1.7465-8.7844i	-0.7256-0.9648i	-0.9603+19.3054i	1.4308+4.0256i	-0.1415+0.6714i	-1.6423+0.2839i	-0.9500-1.2831i	-0.2214-2.1855i
36.5	-1.9179-8.7955i	-0.7840-0.6800i	1.1919+19.4948i	1.5333+3.4238i	-0.0450+0.5602i	-1.6185+0.4630i	-0.9908-1.0230i	-0.3767-2.0087i
36.6	-2.0998-8.6788i	-0.6922-0.4638i	2.8654+18.8768i	1.3523+2.9358i	-0.0154+0.4530i	-1.5593+0.5375i	-0.9847-0.8594i	-0.5407-1.8871i
36.7	-2.3889-8.4883i	-0.6160-0.3534i	4.4336+18.0696i	1.2405+2.7437i	-0.0324+0.3792i	-1.5598+0.6628i	-1.0004-0.7072i	-0.6546-1.6672i
36.8	-2.5563-8.2304i	-0.5221-0.2510i	5.5914+17.0281i	1.1527+2.5567i	-0.0931+0.3143i	-1.5643+0.7505i	-0.9712-0.6056i	-0.6696-1.5316i
36.9	-2.5401-8.1491i	-0.4121-0.2754i	6.2740+16.2606i	0.9258+2.5563i	-0.1396+0.3233i	-1.5937+0.9751i	-0.9293-0.4480i	-0.7124-1.3592i
37.0	-2.5487-8.3692i	-0.3806-0.3932i	6.9158+15.8086i	0.7870+3.0335i	-0.1853+0.4048i	-1.4557+1.3270i	-0.8502-0.2805i	-0.6046-1.2373i
37.1	-2.7482-8.3468i	-0.4210-0.3575i	7.4362+15.1356i	1.0114+3.2198i	-0.1777+0.3874i	-1.1802+1.3940i	-0.7358-0.2634i	-0.4655-1.1822i

37.2	-2.9885-8.2578i	-0.4374-0.2982i	7.9869+14.4453i	1.3855+3.2609i	-0.1162+0.4062i	-0.9062+1.4304i	-0.6550-0.2191i	-0.4409-1.1760i
37.3	-3.2525-8.1951i	-0.3942-0.2730i	8.4590+13.7902i	1.7036+3.2168i	-0.1535+0.4405i	-0.7589+1.3461i	-0.6534-0.1889i	-0.3847-1.2642i
37.4	-3.5705-8.0558i	-0.3779-0.3044i	9.0461+13.0616i	2.1118+3.1896i	-0.1703+0.4812i	-0.6480+1.2498i	-0.6002-0.1683i	-0.3626-1.3717i
37.5	-3.8319-7.8421i	-0.3704-0.3151i	9.4174+12.3250i	2.3818+2.8724i	-0.0811+0.5183i	-0.6222+1.1702i	-0.4540-0.1180i	-0.4527-1.4328i
37.6	-4.2038-7.6002i	-0.4005-0.3600i	10.0540+11.4504i	2.6824+2.4736i	-0.0360+0.5037i	-0.6539+1.0491i	-0.2994-0.1473i	-0.5463-1.4831i
37.7	-4.5018-7.4325i	-0.4077-0.4316i	10.5720+10.7823i	2.6810+2.1634i	0.0960+0.5219i	-0.8179+1.0360i	-0.1699-0.2152i	-0.8008-1.5200i
37.8	-4.6198-7.2288i	-0.4826-0.4755i	10.6195+10.1277i	2.5718+1.9846i	0.1556+0.4541i	-1.0006+1.2581i	-0.2033-0.3972i	-1.0529-1.3786i
37.9	-4.6923-7.0398i	-0.6255-0.5535i	10.6537+9.4197i	2.4680+2.1509i	0.1848+0.3913i	-1.0131+1.6486i	-0.3270-0.5321i	-1.2218-1.1571i
38.0	-4.8797-6.8330i	-0.8018-0.5359i	10.7466+8.7110i	2.7783+2.2321i	0.1762+0.3385i	-0.8003+1.8803i	-0.4203-0.5675i	-1.2529-0.9577i
38.1	-5.1546-6.6424i	-0.8448-0.3893i	10.9395+8.1311i	3.0388+1.9299i	0.1746+0.3259i	-0.4869+1.9720i	-0.5395-0.4519i	-1.2389-0.7387i
38.2	-5.5431-6.4638i	-0.8888-0.2733i	11.3240+7.5668i	3.2771+1.6520i	0.1940+0.2852i	-0.1165+2.0000i	-0.5995-0.3705i	-1.1400-0.5696i
38.3	-5.7999-6.0967i	-1.0092-0.2729i	11.3679+6.8656i	3.5549+1.4043i	0.2053+0.2583i	0.1202+1.8855i	-0.6207-0.2764i	-1.0640-0.4587i
38.4	-6.0930-5.7109i	-0.9403-0.2757i	11.5364+6.0393i	3.4078+1.1081i	0.1941+0.2644i	0.3178+1.6919i	-0.6335-0.1302i	-0.9910-0.3895i
38.5	-6.2514-5.3043i	-0.9672-0.2404i	11.4873+5.2104i	3.3744+0.8002i	0.1838+0.2244i	0.4278+1.5017i	-0.5482-0.0797i	-0.8802-0.3584i
38.6	-6.3410-4.8772i	-1.0323-0.1073i	11.3758+4.5618i	3.3908+0.4341i	0.1822+0.1984i	0.5032+1.3952i	-0.4411-0.0413i	-0.7867-0.2725i
38.7	-6.3830-4.5397i	-1.0495-0.0487i	11.3115+4.1577i	3.2628+0.2892i	0.1861+0.1917i	0.5319+1.3018i	-0.3482-0.0519i	-0.7042-0.2792i
38.8	-6.4899-4.1708i	-1.0841-0.0602i	11.2611+3.5225i	3.1641+0.1853i	0.1715+0.1633i	0.5222+1.2019i	-0.3158-0.0916i	-0.6805-0.2763i
38.9	-6.5157-3.7190i	-1.1922+0.1155i	11.1006+3.0204i	3.1771-0.1412i	0.1702+0.1520i	0.4988+1.1368i	-0.2796-0.1448i	-0.6597-0.2756i
39.0	-6.4954-3.3989i	-1.1746+0.1784i	11.0569+2.5448i	3.0036-0.1902i	0.1664+0.1527i	0.4660+1.1259i	-0.2683-0.1690i	-0.6648-0.2568i
39.1	-6.4602-3.0702i	-1.1784+0.2833i	10.9306+2.0662i	2.9158-0.3279i	0.1819+0.1483i	0.4825+1.1124i	-0.2555-0.1863i	-0.6264-0.2495i
39.2	-6.4691-2.6721i	-1.2365+0.3805i	10.8430+1.4853i	2.9109-0.3633i	0.1893+0.1547i	0.5305+1.1210i	-0.2447-0.2133i	-0.5876-0.2310i
39.3	-6.4229-2.3415i	-1.1900+0.5635i	10.7237+1.0909i	2.8561-0.6389i	0.1966+0.1274i	0.5794+1.0875i	-0.2549-0.2319i	-0.6083-0.2102i
39.4	-6.2052-1.8448i	-1.1578+0.7628i	10.3371+0.4069i	2.8193-0.9333i	0.1995+0.1084i	0.6120+1.0590i	-0.2609-0.2533i	-0.5874-0.1782i
39.5	-5.9800-1.4145i	-1.1282+0.8474i	9.8542-0.2665i	2.7835-1.0541i	0.2057+0.0976i	0.6332+0.9920i	-0.2804-0.2774i	-0.5542-0.1731i
39.6	-5.7506-1.1287i	-1.0139+0.9771i	9.4588-0.6172i	2.6007-1.2343i	0.2211+0.0737i	0.7018+0.9174i	-0.2992-0.3099i	-0.5242-0.1747i
39.7	-5.6396-0.9360i	-1.0098+1.1151i	9.3762-0.8039i	2.5904-1.4232i	0.2253+0.0795i	0.6997+0.8781i	-0.3210-0.2969i	-0.5156-0.1658i
39.8	-5.5642-0.5078i	-0.9012+1.2283i	9.2808-1.7004i	2.3886-1.5388i	0.2276+0.0784i	0.6996+0.8667i	-0.2995-0.3061i	-0.4994-0.1597i
39.9	-5.0681-0.0942i	-0.6456+1.3286i	8.3152-2.4514i	2.0363-1.6664i	0.2291+0.0424i	0.7195+0.8214i	-0.3276-0.3382i	-0.4828-0.1591i
40.0	-4.6507+0.0876i	-0.4667+1.4323i	7.5515-2.6127i	1.8106-1.8050i	0.2315+0.0257i	0.7330+0.7836i	-0.3642-0.3453i	-0.4778-0.1596i
40.1	-4.3392+0.2687i	-0.2638+1.3072i	7.0672-3.0087i	1.5038-1.5460i	0.2168+0.0284i	0.7398+0.7677i	-0.3963-0.3508i	-0.4821-0.1211i
40.2	-4.0346+0.2839i	-0.1324+1.2805i	6.5169-2.9141i	1.3606-1.5146i	0.2262+0.0090i	0.7510+0.7512i	-0.4365-0.3376i	-0.4745-0.0903i
40.3	-3.6821+0.3265i	-0.0397+1.2191i	5.8641-2.9434i	1.3078-1.4441i	0.2390-0.0128i	0.7788+0.7176i	-0.4593-0.3327i	-0.4641-0.0908i
40.4	-3.2666+0.3074i	0.0408+1.1260i	5.0591-2.9051i	1.2800-1.4242i	0.2559-0.0336i	0.8467+0.6571i	-0.5094-0.3113i	-0.4107-0.0856i
40.5	-2.9751+0.2052i	0.1392+1.0437i	4.5995-2.6667i	1.1611-1.3750i	0.2463-0.0497i	0.8861+0.6384i	-0.5127-0.2927i	-0.4054-0.0623i
40.6	-2.8858-0.0279i	0.1407+0.9241i	4.5233-2.1456i	1.1554-1.2148i	0.2299-0.0403i	0.8835+0.5869i	-0.5285-0.2808i	-0.4261-0.0894i
40.7	-2.8778-0.1821i	0.1547+0.8327i	4.6110-1.7848i	1.1326-1.1215i	0.2380-0.0556i	0.8702+0.4743i	-0.5660-0.2547i	-0.4214-0.0850i
40.8	-2.8708-0.1436i	0.1897+0.8858i	4.7103-1.8421i	1.1058-1.3055i	0.2525-0.0880i	0.8648+0.4311i	-0.5826-0.2145i	-0.3822-0.0487i
40.9	-2.7747-0.0226i	0.2689+0.8164i	4.5508-2.3120i	0.9391-1.1296i	0.2536-0.1101i	0.8817+0.4087i	-0.5703-0.1951i	-0.3662-0.0411i
41.0	-2.6611-0.0050i	0.3202+0.7066i	4.4460-2.3466i	0.9629-0.9626i	0.2473-0.1267i	0.9053+0.3803i	-0.5571-0.1751i	-0.3688-0.0218i
41.1	-2.3877+0.0129i	0.3102+0.7217i	3.8303-2.2291i	1.0651-1.2670i	0.2553-0.1742i	0.9265+0.3319i	-0.5792-0.1158i	-0.3127+0.0185i
41.2	-2.1646-0.0132i	0.3303+0.7280i	3.3062-2.0473i	1.0649-1.4321i	0.2403-0.2177i	0.9357+0.2980i	-0.5657-0.0753i	-0.3023+0.0545i
41.3	-2.0246-0.1889i	0.3777+0.6324i	3.0695-1.6517i	0.8420-1.3900i	0.1912-0.2304i	0.9690+0.2260i	-0.5274-0.0573i	-0.2584+0.0149i
41.4	-1.9226-0.3348i	0.3235+0.5120i	2.9634-1.4403i	0.8420-1.2148i	0.1628-0.2290i	0.9679+0.1208i	-0.5074-0.0745i	-0.2306+0.0021i
41.5	-1.9953-0.2950i	0.2778+0.4831i	3.0330-1.5157i	0.9475-1.0434i	0.1765-0.2207i	0.9228+0.0453i	-0.5470-0.0919i	-0.2457-0.0203i
41.6	-1.8667-0.3797i	0.2596+0.5271i	2.7754-1.0779i	1.0255-1.4348i	0.1834-0.2669i	0.8938-0.0065i	-0.5590-0.0160i	-0.2354-0.0070i
41.7	-1.8336-0.4914i	0.2437+0.5400i	2.8806-0.7762i	0.9748-1.6038i	0.1625-0.3036i	0.8716-0.0600i	-0.5263+0.0273i	-0.2235-0.0015i
41.8	-1.7592-0.5476i	0.1647+0.5493i	2.7830-0.6216i	1.1518-1.5680i	0.1746-0.3051i	0.8454-0.1169i	-0.5755+0.0056i	-0.2270-0.0419i
41.9	-1.7400-0.7208i	0.1368+0.6058i	2.8570-0.2317i	1.3134-1.8241i	0.1764-0.3533i	0.8145-0.2195i	-0.5976+0.0545i	-0.2253-0.0249i
42.0	-1.8762-0.6723i	0.1846+0.5248i	3.5051-0.6508i	1.1242-1.6095i	0.1240-0.3252i	0.7464-0.2349i	-0.5162-0.0009i	-0.1981-0.0167i
42.1	-1.7354-0.5826i	0.1537+0.6475i	3.0008-0.8154i	1.1525-2.1478i	0.1333-0.3833i	0.6694-0.2624i	-0.5782+0.0892i	-0.1833-0.0379i
42.2	-1.7836-0.5651i	0.2019+0.6040i	3.1593-0.8386i	0.9561-2.0274i	0.0735-0.3972i	0.5585-0.3053i	-0.5462+0.0739i	-0.1678-0.0486i
42.3	-1.9449-0.4865i	0.3641+0.5227i	3.8799-1.2212i	0.1660-1.8021i	-0.0263-0.3763i	0.5237-0.3183i	-0.3888+0.0141i	-0.1298-0.0634i
42.4	-1.8604-0.3677i	0.3761+0.4774i	3.6305-1.8005i	0.0705-1.4938i	-0.0610-0.3632i	0.4449-0.2718i	-0.3789-0.0203i	-0.1305-0.0756i
42.5	-1.6991-0.2103i	0.3299+0.2913i	2.9523-2.4265i	0.4252-0.8303i	-0.0396-0.2785i	0.4009-0.2536i	-0.4638-0.1741i	-0.1660-0.1151i
42.6	-1.5646-0.2135i	0.3719+0.1787i	2.7853-2.2653i	0.2631-0.3678i	-0.0767-0.2179i	0.4416-0.3218i	-0.4378-0.3003i	-0.1630-0.1654i
42.7	-1.5118-0.4758i	0.3963+0.4146i	2.6181-1.0851i	0.0511-1.3754i	-0.1237-0.3368i	0.3956-0.3131i	-0.4178-0.0535i	-0.1151-0.1128i
42.8	-1.4717-0.5992i	0.3937+0.5191i	2.6156-0.6138i	0.0629-1.9095i	-0.1480-0.4026i	0.2615-0.3090i	-0.4383+0.1317i	-0.0977-0.0853i
42.9	-1.4840-0.5472i	0.3612+0.4884i	2.7548-1.0530i	0.3114-2.0313i	-0.1643-0.3840i	0.1021-0.3006i	-0.4920+0.1546i	-0.1201-0.0827i
43.0	-1.3350-0.4218i	0.3098+0.4350i	2.1224-1.5921i	0.4665-2.0183i	-0.1460-0.3421i	0.0495-0.3005i	-0.5566+0.1598i	-0.1479-0.0954i
43.1	-1.1130-0.4528i	0.2244+0.4132i	1.5937-1.2374i	0.5928-1.9359i	-0.1038-0.3182i	0.0064-0.2591i	-0.6555+0.2040i	-0.1842-0.1213i
43.2	-1.0278-0.5355i	0.2471+0.3336i	1.9094-0.9053i	0.5231-1.5237i	-0.1153-0.2740i	-0.0666-0.1584i	-0.6848+0.1424i	-0.2007-0.1496i
43.3	-1.0797-0.7522i	0.3453+0.3836i	2.4711-0.2334i	0.1152-1.6823i	-0.1853-0.2733i	-0.0897-0.0624i	-0.5440+0.1600i	-0.1795-0.1446i
43.4	-1.1678-0.8631i	0.3844+0.4655i	2.9602-0.0342i	-0.1609-2.1470i	-0.2198-0.2987i	-0.0907+0.0101i	-0.3870+0.2249i	-0.1499-0.1184i

43.5	−1.1719−0.8250i	0.3529+0.3362i	3.1397−0.9585i	0.1795−1.6769i	−0.1699−0.2320i	−0.1502+0.0261i	−0.6049+0.1299i	−0.2251−0.1031i
43.6	−1.3170−0.9424i	0.3183+0.3897i	2.8130−1.3799i	0.2583−2.0256i	−0.1639−0.2486i	−0.1137+0.0746i	−0.6170+0.2759i	−0.2369−0.0827i
43.7	−1.3287−0.7586i	0.4521+0.3253i	2.7967−1.4433i	−0.4640−1.8144i	−0.2019−0.2022i	−0.1330+0.1076i	−0.5308+0.1229i	−0.2146−0.1303i
43.8	−1.1603−0.8512i	0.4759+0.4085i	2.4267−0.6383i	−0.8327−2.3622i	−0.2455−0.2716i	−0.1476+0.1686i	−0.2913+0.2253i	−0.1890−0.1081i
43.9	−1.1800−1.0058i	0.3434+0.4287i	2.5179−1.0751i	−0.3756−2.4290i	−0.2264−0.3132i	−0.0691+0.2724i	−0.3041+0.4865i	−0.1761−0.0431i
44.0	−1.2475−0.9856i	0.3316+0.3928i	2.2289−1.7099i	−0.1529−2.1260i	−0.2178−0.2816i	0.0088+0.3390i	−0.3656+0.5035i	−0.1590−0.0352i
44.1	−1.1996−0.9823i	0.3803+0.4115i	1.5968−1.5823i	−0.1324−2.2754i	−0.2127−0.2783i	0.0677+0.3420i	−0.2891+0.4797i	−0.1344−0.0448i
44.2	−1.2393−1.1592i	0.4805+0.4817i	1.7168−0.7584i	−0.8838−2.9377i	−0.2797−0.3074i	0.0987+0.3475i	−0.0581+0.3033i	−0.1032−0.0786i
44.3	−1.4745−1.0517i	0.7055+0.4387i	2.7609−0.5475i	−2.4568−2.3167i	−0.3748−0.2283i	0.1727+0.2827i	−0.1144−0.1997i	−0.1415−0.1545i
44.4	−1.5686−0.8242i	0.6860+0.3759i	2.2122−0.7502i	−2.4822−2.0175i	−0.3299−0.2214i	0.2056+0.2435i	−0.1951−0.1508i	−0.1324−0.1754i
44.5	−1.4092−0.7355i	0.5893+0.3704i	1.4179−0.6539i	−1.8552−2.2152i	−0.2711−0.2811i	0.1399+0.3003i	−0.1644+0.0988i	−0.1134−0.1157i
44.6	−1.3134−0.9713i	0.5985+0.3056i	1.7580−0.7388i	−1.8184−2.0822i	−0.3261−0.2948i	0.2013+0.3943i	−0.2379+0.1883i	−0.1132−0.0906i
44.7	−1.5863−0.9283i	0.6313+0.3002i	1.8025−0.8633i	−2.2956−2.1502i	−0.3684−0.2771i	0.2313+0.3114i	−0.1838+0.1443i	−0.1139−0.0981i
44.8	−1.3618−0.6746i	0.5707+0.2416i	1.4226−0.4887i	−2.2818−1.9071i	−0.3581−0.2918i	0.2018+0.2456i	−0.1294+0.1551i	−0.0947−0.1284i
44.9	−1.1051−0.7863i	0.6481+0.0878i	2.3638−0.6816i	−2.3676−0.8375i	−0.3965−0.1994i	0.1994+0.2731i	−0.3127+0.1323i	−0.1283−0.1499i
45.0	−1.2693−0.8508i	0.7191+0.1307i	2.8500−0.7372i	−2.9366−0.5665i	−0.4750−0.1470i	0.1981+0.2539i	−0.2787+0.0100i	−0.1500−0.1455i
45.1	−1.5264−0.7664i	0.6006+0.0942i	2.0372−1.3385i	−2.2232−0.3734i	−0.4220−0.1306i	0.1265+0.3468i	−0.2591+0.1538i	−0.1594−0.0989i
45.2	−1.3381−0.7223i	0.5448+0.0009i	1.8267−1.4178i	−1.7221−0.0749i	−0.3835−0.1212i	0.1385+0.3685i	−0.2605+0.1957i	−0.1767−0.1518i
45.3	−1.3827−0.7023i	0.5564+0.0046i	1.7149−1.0137i	−1.8138−0.1883i	−0.4063−0.0906i	0.2589+0.4244i	−0.1844+0.1988i	−0.1654−0.1393i
45.4	−1.3616−0.5372i	0.4817+0.1163i	1.2380−0.4918i	−1.7603−0.9427i	−0.4166−0.1478i	0.3383+0.4466i	−0.0102+0.1127i	−0.1548−0.0990i
45.5	−1.1032−0.6949i	0.4620+0.0409i	1.3779−0.6060i	−1.4598−0.3815i	−0.3961−0.1309i	0.3187+0.3601i	−0.1078+0.0786i	−0.1798−0.1047i
45.6	−1.0016−0.8427i	0.5794+0.1349i	1.8694−0.1525i	−2.2447−0.6179i	−0.5123−0.1333i	0.3622+0.3043i	−0.1967−0.1057i	−0.1621−0.1430i
45.7	−1.1709−0.8929i	0.5834+0.1393i	2.1223+0.0965i	−2.6212−0.6282i	−0.5725−0.1255i	0.4157+0.3208i	−0.2611−0.1849i	−0.1405−0.1238i
45.8	−1.2847−0.9987i	0.5026+0.0369i	2.1071−0.4341i	−2.0422−0.1843i	−0.5094−0.0429i	0.4391+0.2852i	−0.3408−0.0857i	−0.1455−0.1008i
45.9	−1.4127−1.0888i	0.4985−0.0693i	2.4363−1.1654i	−1.9179+0.4509i	−0.4801+0.0919i	0.4679+0.1540i	−0.4465+0.0202i	−0.1718−0.1220i
46.0	−1.5142−0.9853i	0.4052−0.1020i	2.0019−1.8471i	−1.2133+0.6561i	−0.3785+0.0780i	0.3619+0.0697i	−0.4184+0.1055i	−0.1852−0.1302i
46.1	−1.4690−0.7178i	0.4845+0.0049i	1.5837−1.4351i	−1.6180+0.2841i	−0.4203+0.0210i	0.2960+0.0432i	−0.3802+0.0445i	−0.1789−0.1630i
46.2	−1.2069−0.5940i	0.4865+0.0043i	1.2578−0.9389i	−1.6717+0.2791i	−0.4365−0.0074i	0.2615+0.0739i	−0.3945−0.0165i	−0.1762−0.1783i
46.3	−1.3081−0.8978i	0.4321+0.0286i	1.5058−0.7238i	−1.2995+0.0229i	−0.4712+0.0354i	0.2562+0.1441i	−0.5026+0.0180i	−0.1861−0.1653i
46.4	−1.5344−0.8483i	0.4735−0.0531i	1.7919−1.0578i	−1.2858+0.5430i	−0.4321+0.1227i	0.1450+0.1729i	−0.6165+0.1238i	−0.2405−0.1505i
46.5	−1.5012−0.6508i	0.4799−0.0887i	1.6666−1.1868i	−1.1985+0.6843i	−0.4027+0.1266i	0.1428+0.2831i	−0.5875+0.2108i	−0.2531−0.1290i
46.6	−1.2725−0.6869i	0.5388−0.0999i	1.7276−1.0902i	−1.5329+0.7810i	−0.4128+0.1416i	0.2365+0.3118i	−0.6128+0.2317i	−0.2396−0.1532i
46.7	−1.2757−0.7324i	0.4542−0.1388i	1.4618−1.1681i	−1.2540+0.8195i	−0.3808+0.1149i	0.3132+0.3208i	−0.5619+0.3054i	−0.2253−0.1143i
46.8	−1.2795−0.7178i	0.4166−0.1252i	1.3941−0.9958i	−1.0737+0.8035i	−0.3827+0.1234i	0.3102+0.3340i	−0.5585+0.3315i	−0.2442−0.0886i
46.9	−1.3579−0.7036i	0.4069−0.0854i	1.5104−0.9216i	−0.7865+0.5409i	−0.3767+0.1334i	0.3861+0.3649i	−0.5367+0.4407i	−0.2518−0.0566i
47.0	−1.3239−0.5520i	0.3356−0.1227i	1.2788−1.2010i	−0.4281+0.4056i	−0.3120+0.1080i	0.4321+0.3047i	−0.4391+0.4910i	−0.2256+0.0132i
47.1	−1.0962−0.8413i	0.4048−0.1648i	1.2831−1.0849i	−0.7264+0.8165i	−0.3408+0.1446i	0.3843+0.2179i	−0.4535+0.5007i	−0.2143−0.0299i
47.2	−1.3263−0.9844i	0.4109−0.1915i	1.2476−0.9260i	−0.5469+1.0863i	−0.3434+0.2079i	0.3899+0.2657i	−0.4241+0.5737i	−0.2058−0.0308i
47.3	−1.4114−0.9023i	0.3806−0.1437i	1.0663−0.6291i	−0.5108+0.8194i	−0.3254+0.2038i	0.3386+0.2338i	−0.3756+0.5836i	−0.1843−0.0312i
47.4	−1.3927−0.8880i	0.3787−0.1219i	1.3138−0.4214i	−0.4507+0.5616i	−0.2926+0.1635i	0.2935+0.3367i	−0.3297+0.6123i	−0.1765−0.0029i
47.5	−1.3861−1.0387i	0.4435−0.0910i	1.8157−0.1982i	−0.7710+0.4291i	−0.3584+0.1377i	0.3330+0.4266i	−0.3055+0.6215i	−0.1476−0.0340i
47.6	−1.7086−1.0105i	0.5111−0.1343i	2.3107−0.6073i	−1.1288+0.6218i	−0.3909+0.2101i	0.4744+0.3809i	−0.2147+0.6538i	−0.1329−0.0860i
47.7	−1.8758−0.6028i	0.4641−0.2207i	2.1556−1.2700i	−0.8548+0.8739i	−0.3266+0.2528i	0.5042+0.3277i	−0.1370+0.6590i	−0.1752−0.0710i
47.8	−1.7019−0.6407i	0.4156−0.1864i	1.8888−1.1491i	−0.5780+0.7915i	−0.3190+0.2473i	0.6145+0.3024i	−0.0465+0.6338i	−0.1766−0.0647i
47.9	−1.7385−0.4694i	0.4672−0.1737i	1.8359−1.3247i	−0.8614+0.5647i	−0.3305+0.2554i	0.6203+0.1838i	−0.0070+0.5855i	−0.1430−0.0732i
48.0	−1.8032−0.2329i	0.4472−0.2343i	1.6760−1.5939i	−0.7552+0.7111i	−0.2685+0.2543i	0.5354+0.0910i	0.0231+0.5445i	−0.1373−0.0677i
48.1	−1.6661+0.0634i	0.3995−0.3001i	1.2359−1.8549i	−0.3127+1.1332i	−0.2065+0.2595i	0.4032+0.1427i	0.0312+0.5437i	−0.1756−0.0823i
48.2	−1.1736−0.0132i	0.4076−0.2557i	0.7865−1.3593i	−0.4028+1.1233i	−0.2415+0.2571i	0.4735+0.2660i	0.0405+0.5058i	−0.1754−0.0910i
48.3	−1.0479−0.2833i	0.3453−0.2976i	0.7477−1.2425i	−0.1681+1.0010i	−0.2596+0.2559i	0.5502+0.2492i	0.0480+0.4779i	−0.1679−0.0579i
48.4	−1.1146−0.4141i	0.3043−0.2847i	0.8263−0.9528i	0.1024+0.8080i	−0.2360+0.2564i	0.5505+0.2465i	0.0812+0.5052i	−0.1529−0.0507i
48.5	−1.2363−0.5461i	0.3496−0.2386i	1.2118−0.8003i	−0.1668+0.6047i	−0.2486+0.2837i	0.5856+0.1825i	0.1016+0.4484i	−0.1723−0.0675i
48.6	−1.2962−0.3044i	0.3682−0.2747i	1.1583−1.1010i	−0.4412+0.4388i	−0.2325+0.2685i	0.5852+0.1307i	0.1899+0.3785i	−0.1658−0.0599i
48.7	−1.1710−0.2087i	0.3198−0.2808i	0.9840−1.1364i	−0.4728+0.5187i	−0.1966+0.2606i	0.5601+0.1003i	0.2376+0.3148i	−0.1495−0.0367i
48.8	−1.2585−0.2132i	0.3177−0.3124i	1.1122−1.1787i	−0.2752+0.8581i	−0.1767+0.2577i	0.4744+0.0578i	0.1965+0.2370i	−0.1581−0.0412i
48.9	−1.2002−0.1059i	0.3256−0.3752i	0.9372−1.3631i	−0.0612+0.9569i	−0.1724+0.2680i	0.4673+0.1264i	0.1441+0.2602i	−0.1503−0.0380i
49.0	−1.0391−0.3232i	0.3328−0.3526i	0.8576−0.9819i	−0.1650+0.9070i	−0.1846+0.2904i	0.5662+0.1489i	0.0891+0.2335i	−0.1436−0.0992i
49.1	−1.1619−0.2890i	0.2735−0.3472i	0.8624−1.0095i	0.0148+0.6775i	−0.1739+0.3039i	0.6132+0.1436i	0.1091+0.2478i	−0.1655−0.1010i
49.2	−1.0395−0.2944i	0.2298−0.3847i	0.6937−0.9497i	0.1978+0.7788i	−0.1347+0.3119i	0.6168+0.0948i	0.1126+0.2316i	−0.1964−0.0896i
49.3	−0.9513−0.3487i	0.2414−0.3757i	0.7064−0.8230i	0.1968+0.6674i	−0.1124+0.2810i	0.6077+0.0700i	0.1169+0.1949i	−0.1765−0.0667i
49.4	−0.9696−0.3788i	0.2716−0.3908i	0.8455−0.6888i	−0.0980+0.6848i	−0.0989+0.2875i	0.5881+0.0763i	0.0700+0.1686i	−0.2204−0.0589i
49.5	−0.9074−0.2825i	0.2207−0.3537i	0.7441−0.6451i	−0.2551+0.6521i	−0.1101+0.3014i	0.5968+0.0581i	0.0622+0.1672i	−0.2229−0.0878i
49.6	−0.7295−0.3509i	0.1642−0.3286i	0.5773−0.5269i	0.0103+0.2775i	−0.0931+0.2645i	0.6534+0.0269i	0.0617+0.1462i	−0.1989−0.0835i
49.7	−0.7963−0.6726i	0.1645−0.3126i	0.9258−0.1935i	0.0218+0.2079i	−0.0853+0.2266i	0.6818−0.0590i	0.0334+0.1445i	−0.1935−0.0604i

49.8	−1.0024−0.7380i	0.1798−0.2789i	1.3034−0.3441i	−0.3188+0.1496i	−0.0856+0.2225i	0.6880−0.1101i	0.0527+0.1437i	−0.1782−0.0498i
49.9	−1.3256−0.5138i	0.1830−0.3754i	1.4326−0.9523i	−0.1917+0.6278i	−0.0859+0.2233i	0.5836−0.1017i	0.0451+0.1373i	−0.1628−0.0382i
50.0	−1.1986−0.4235i	0.1837−0.3916i	1.0337−0.9259i	0.0336+0.8758i	−0.0943+0.2428i	0.5776−0.0317i	−0.0205+0.1381i	−0.1845−0.0447i
50.1	−1.1151−0.5137i	0.1528−0.3500i	0.9345−0.6165i	0.0520+0.6670i	−0.0815+0.2182i	0.5728−0.0679i	−0.0339+0.1257i	−0.1676−0.0262i
50.2	−1.1355−0.4455i	0.1279−0.3655i	0.9573−0.5673i	0.2348+0.6453i	−0.0633+0.2260i	0.5587−0.0830i	−0.0261+0.1227i	−0.1661+0.0269i
50.3	−1.0371−0.4554i	0.0776−0.3598i	0.9839−0.4920i	0.1608+0.4206i	−0.0970+0.2003i	0.5837−0.1130i	−0.0595+0.1115i	−0.2046+0.0159i
50.4	−1.0666−0.4498i	0.0798−0.3234i	1.1642−0.4860i	0.2514+0.2260i	−0.0901+0.1966i	0.5898−0.1197i	−0.0820+0.1487i	−0.1688+0.0203i
50.5	−1.1854−0.5635i	0.1805−0.3048i	1.4203−0.4738i	−0.0945+0.3286i	−0.0998+0.2238i	0.5341−0.2003i	−0.0929+0.1806i	−0.1468+0.0197i
50.6	−1.2976−0.4987i	0.2502−0.3590i	1.5275−0.7166i	−0.3212+0.6014i	−0.0973+0.2515i	0.4048−0.1483i	−0.1200+0.1959i	−0.1353+0.0294i
50.7	−1.2242−0.2410i	0.1667−0.4119i	1.0633−0.9804i	−0.2615+0.7918i	−0.0935+0.2527i	0.3970−0.1178i	−0.0962+0.1682i	−0.1292+0.0119i
50.8	−1.0540−0.2197i	0.0658−0.4037i	0.8033−0.8017i	0.0013+0.6715i	−0.0611+0.2364i	0.4392−0.1433i	−0.0968+0.1758i	−0.1403−0.0111i
50.9	−1.0849−0.3774i	0.0423−0.3479i	1.0085−0.5977i	−0.0884+0.5256i	−0.0749+0.2217i	0.4254−0.1314i	−0.1205+0.1915i	−0.1410+0.0009i
51.0	−1.1154−0.2511i	0.0327−0.3921i	0.9811−0.8238i	0.0329+0.5698i	−0.0754+0.2136i	0.4923−0.0147i	−0.1348+0.1988i	−0.0960+0.0081i
51.1	−0.9888−0.2391i	−0.0277−0.3817i	0.8208−0.6274i	0.3684+0.3928i	−0.0604+0.2043i	0.5332−0.0485i	−0.1356+0.2185i	−0.1055+0.0115i
51.2	−1.0715−0.3586i	−0.0415−0.3436i	1.0947−0.5267i	0.2378+0.4341i	−0.0920+0.2207i	0.5321−0.1512i	−0.1373+0.2463i	−0.1168+0.0194i
51.3	−1.1021−0.2217i	−0.0785−0.3503i	0.9943−0.9329i	0.3469+0.5603i	−0.1007+0.2607i	0.5234−0.1241i	−0.1306+0.3134i	−0.1011−0.0298i
51.4	−0.9155−0.2350i	−0.0878−0.3164i	0.5170−0.6912i	0.5206+0.4114i	−0.0707+0.2892i	0.5813−0.1051i	−0.1162+0.3806i	−0.1165−0.0531i
51.5	−0.9824−0.3729i	−0.0262−0.3116i	0.7657−0.2505i	0.4214+0.2610i	−0.0383+0.2689i	0.5595−0.1305i	−0.0694+0.4026i	−0.1478−0.0340i
51.6	−0.9928−0.4114i	−0.0098−0.2685i	1.0474−0.1401i	0.1755+0.0567i	−0.0459+0.2408i	0.5128−0.1905i	−0.0358+0.3937i	−0.1632−0.0358i
51.7	−1.0535−0.3924i	−0.0097−0.2682i	1.3546−0.1668i	−0.0213+0.1280i	−0.0413+0.2211i	0.4979−0.2213i	0.0209+0.4007i	−0.1131+0.0029i
51.8	−1.1335−0.3636i	−0.0339−0.3041i	1.5643−0.3627i	−0.0780+0.3926i	−0.0424+0.2423i	0.5281−0.2512i	0.0866+0.4004i	−0.1442+0.0141i
51.9	−1.1749−0.3639i	−0.0133−0.3328i	1.5249−0.6545i	0.1283+0.6076i	−0.0237+0.2620i	0.5378−0.1676i	0.1141+0.3954i	−0.1034−0.0264i
52.0	−0.8764−0.3220i	−0.0477−0.2861i	1.2542−0.5765i	0.0983+0.2108i	−0.0385+0.2394i	0.5912−0.2276i	0.1157+0.3355i	−0.1074−0.0743i
52.1	−0.9287−0.5874i	−0.0518−0.2522i	1.4112−0.4704i	0.0186+0.2375i	−0.0489+0.2629i	0.5136−0.3494i	0.1371+0.3079i	−0.1620−0.0319i
52.2	−1.3070−0.4968i	−0.0788−0.2743i	1.5316−0.6493i	0.3075+0.3523i	−0.0199+0.2736i	0.4206−0.3169i	0.1335+0.3180i	−0.0980−0.0027i
52.3	−1.2395−0.2380i	−0.1442−0.2782i	1.5161−0.7467i	0.4402+0.1211i	−0.0108+0.2079i	0.4459−0.2392i	0.1317+0.2943i	−0.0472−0.0759i
52.4	−1.1393−0.3300i	−0.0785−0.2717i	1.4736−0.8128i	0.2931+0.2784i	−0.0220+0.2717i	0.4419−0.2272i	0.1480+0.3175i	−0.0773−0.1211i
52.5	−1.1629−0.4060i	−0.0484−0.2285i	1.3736−0.6487i	−0.0762+0.1654i	−0.0214+0.2967i	0.3694−0.1619i	0.1590+0.3371i	−0.0959−0.1087i
52.6	−1.3672−0.3353i	−0.0314−0.2638i	1.5094−0.6608i	−0.2458+0.4396i	0.0043+0.3394i	0.3865−0.1467i	0.2002+0.3453i	−0.0821−0.1329i
52.7	−1.3624−0.0207i	−0.1234−0.2429i	1.4380−0.9278i	0.1424+0.2282i	0.0454+0.3031i	0.5145−0.1515i	0.2524+0.3155i	−0.0697−0.1825i
52.8	−1.1179−0.0097i	−0.1477−0.2270i	1.2719−0.8135i	0.2898+0.1162i	0.0912+0.2680i	0.5720−0.1919i	0.2963+0.2586i	−0.1568−0.1919i
52.9	−0.9695−0.0740i	−0.1904−0.1699i	1.2001−0.5258i	0.1128+0.0396i	0.1153+0.2021i	0.5433−0.2830i	0.3049+0.1268i	−0.2263−0.1102i
53.0	−1.0434−0.2679i	−0.1852−0.1754i	1.7003−0.3069i	−0.0486+0.3007i	0.0499+0.1422i	0.5867−0.3539i	0.2222+0.0532i	−0.2330−0.0843i
53.1	−1.0983−0.2908i	−0.1935−0.1769i	1.9487−0.5444i	0.0645+0.4386i	0.0227+0.1848i	0.5893−0.3394i	0.1665+0.1034i	−0.2202−0.0537i
53.2	−1.2612−0.2990i	−0.2340−0.1636i	2.1861−0.9774i	0.3866+0.3621i	0.0480+0.2094i	0.6027−0.4014i	0.1538+0.1252i	−0.1782−0.0305i
53.3	−1.4462−0.1236i	−0.1924−0.0996i	2.0097−1.4617i	0.3423+0.0456i	0.0505+0.2094i	0.4569−0.5283i	0.1792+0.0858i	−0.1579−0.0176i
53.4	−1.3775+0.1943i	−0.2107−0.1029i	1.5699−1.7052i	0.4352+0.1321i	0.0804+0.2067i	0.3788−0.3806i	0.1737+0.0542i	−0.1849−0.0772i
53.5	−1.0201+0.2527i	−0.2087−0.0454i	1.2170−1.3449i	0.3762−0.0314i	0.0888+0.1831i	0.4138−0.3240i	0.1438+0.0742i	−0.1964−0.1253i
53.6	−1.0056+0.0251i	−0.1928−0.0127i	1.4897−0.9600i	0.5108−0.0426i	0.1172+0.1447i	0.5425−0.4163i	0.1348+0.1200i	−0.2071−0.0777i
53.7	−1.2052−0.1156i	−0.1109+0.0131i	1.8224−1.3157i	0.4049+0.0333i	0.0673+0.1605i	0.4836−0.4436i	0.1151+0.1242i	−0.1615−0.0913i
53.8	−1.2260+0.0861i	−0.1059+0.0457i	1.3484−1.5703i	0.1545−0.1759i	0.0248+0.1576i	0.3330−0.3767i	0.0785+0.1199i	−0.1793−0.1167i
53.9	−1.2119+0.1464i	−0.0936+0.0025i	1.5651−1.3544i	0.2380−0.0043i	0.0297+0.1345i	0.4375−0.4208i	0.0924+0.1343i	−0.2237−0.1138i
54.0	−1.2288+0.2315i	−0.0937+0.0033i	1.6430−1.4402i	0.3604−0.0329i	0.0261+0.1625i	0.4647−0.4553i	0.0950+0.1523i	−0.1930−0.1078i
54.1	−1.1034+0.3300i	−0.0812+0.0903i	1.5573−1.5831i	0.0971−0.2163i	0.0097+0.1773i	0.4153−0.5385i	0.1320+0.1857i	−0.2039−0.1477i
54.2	−0.9945+0.4194i	−0.0588+0.0810i	1.3042−1.8788i	0.0167−0.2279i	0.0397+0.1809i	0.3623−0.6150i	0.1876+0.1479i	−0.2793−0.1331i
54.3	−0.9269+0.3187i	−0.0385+0.0515i	1.3292−1.6608i	0.0872−0.1363i	0.0541+0.1682i	0.3545−0.6224i	0.1813+0.1224i	−0.3153−0.0908i
54.4	−0.9935+0.3192i	−0.0298+0.0275i	1.5657−1.9158i	0.1881−0.0753i	0.0489+0.1720i	0.3186−0.5950i	0.1613+0.1163i	−0.2848−0.0544i
54.5	−0.9351+0.4920i	0.0209+0.0075i	1.2807−2.2735i	0.2576−0.1491i	0.0541+0.1540i	0.2120−0.6305i	0.1728+0.0846i	−0.2814−0.0281i
54.6	−0.8737+0.4827i	0.1048+0.0088i	1.1142−2.2053i	0.1446+0.0254i	0.0671+0.1946i	0.2105−0.6058i	0.1649+0.0798i	−0.2791−0.0315i
54.7	−0.7381+0.5068i	0.1318+0.0010i	0.7706−2.1172i	0.0785−0.1017i	0.0820+0.1955i	0.1772−0.5848i	0.1610+0.0859i	−0.2982−0.0523i
54.8	−0.5805+0.3634i	0.1197+0.0011i	0.6532−1.8098i	−0.2146−0.0831i	0.0709+0.2100i	0.1194−0.5320i	0.1798+0.0619i	−0.3607−0.0258i
54.9	−0.5694+0.3131i	0.0777+0.0281i	0.6431−1.6488i	−0.3677−0.2070i	0.0440+0.1634i	0.0158−0.5892i	0.1917+0.0575i	−0.3187+0.0102i
55.0	−0.6725+0.3574i	0.1610−0.0881i	0.8051−1.9128i	−0.1771+0.0603i	0.0867+0.1717i	0.0609−0.5834i	0.2110+0.0432i	−0.3161+0.0411i
55.1	−0.6204+0.3494i	0.1329−0.1716i	0.7010−2.0181i	−0.1597+0.0729i	0.0921+0.1970i	0.0715−0.4995i	0.2195+0.0374i	−0.3327+0.0365i
55.2	−0.5471+0.3150i	0.0835−0.1390i	0.6211−1.9753i	−0.2219−0.0285i	0.0761+0.2042i	0.0536−0.4650i	0.2134+0.0443i	−0.3356+0.0124i
55.3	−0.5173+0.2785i	0.0996−0.1458i	0.5408−1.9011i	−0.0747+0.1721i	0.1038+0.2054i	0.0159−0.4273i	0.1628+0.0284i	−0.3183+0.0190i
55.4	−0.4210+0.3006i	0.0786−0.1456i	0.3145−1.8239i	−0.1289+0.0607i	0.0941+0.1911i	−0.0554−0.3893i	0.1492−0.0067i	−0.2750+0.0662i
55.5	−0.4077+0.2695i	0.0370−0.1673i	0.2696−1.7182i	−0.1023+0.0771i	0.1300+0.1748i	0.0266−0.3597i	0.1689−0.0026i	−0.3303+0.0624i
55.6	−0.4208+0.1832i	0.0579−0.1244i	0.3959−1.5802i	−0.2527+0.1778i	0.1368+0.2117i	0.0556−0.3617i	0.1548−0.0061i	−0.3044+0.0945i
55.7	−0.4461+0.2251i	0.0365−0.1521i	0.4214−1.7328i	−0.0675−0.0296i	0.1090+0.1825i	−0.0008−0.3481i	0.1457+0.0138i	−0.2648+0.0497i
55.8	−0.4186+0.2632i	−0.0013−0.1546i	0.2978−1.8087i	0.0620−0.2167i	0.1235+0.1395i	−0.0038−0.3774i	0.1408+0.0121i	−0.2494+0.0731i
55.9	−0.3869+0.1382i	0.0437−0.1628i	0.1497−1.7053i	−0.1174+0.2688i	0.1847+0.1839i	0.0622−0.3251i	0.1501−0.0168i	−0.3303+0.1008i
56.0	−0.3273+0.1250i	0.0463−0.1626i	0.1696−1.5421i	−0.2224+0.2827i	0.1935+0.1861i	0.0614−0.2751i	0.1412+0.0014i	−0.3170+0.0748i

56.1	-0.3681+0.1026i	0.0215-0.1484i	0.3618-1.3946i	-0.0810+0.1210i	0.1960+0.1328i	0.0731-0.3668i	0.1408+0.0061i	-0.2929+0.1226i
56.2	-0.4061+0.0554i	0.0361-0.1646i	0.3684-1.4724i	-0.0838+0.3275i	0.2236+0.1440i	0.1091-0.3251i	0.1408-0.0149i	-0.2803+0.1121i
56.3	-0.3762+0.0737i	0.0304-0.1574i	0.2542-1.6568i	-0.1168+0.2823i	0.2238+0.1380i	0.1128-0.2789i	0.1451-0.0100i	-0.2908+0.1162i
56.4	-0.3447+0.0484i	0.0221-0.1475i	0.1357-1.5746i	-0.1882+0.3177i	0.2189+0.1321i	0.1229-0.3030i	0.1406-0.0342i	-0.3396+0.1492i
56.5	-0.3539+0.0745i	0.0022-0.1664i	0.1207-1.5260i	-0.0545+0.1914i	0.2212+0.0756i	0.0727-0.3117i	0.1400-0.0420i	-0.2862+0.1212i
56.6	-0.3156+0.1052i	-0.0164-0.1858i	0.0360-1.5199i	-0.1663+0.0554i	0.1834+0.0692i	-0.0091-0.3140i	0.1284-0.0594i	-0.2469+0.1266i
56.7	-0.2861+0.0914i	-0.0260-0.1615i	0.0750-1.5107i	-0.2159+0.0342i	0.1525+0.0708i	-0.0008-0.2303i	0.1216-0.0493i	-0.2554+0.0981i
56.8	-0.3263+0.0564i	-0.0049-0.1678i	0.0692-1.5231i	-0.0678+0.1212i	0.1895+0.0367i	0.0377-0.2760i	0.1352-0.0734i	-0.2597+0.1453i
56.9	-0.3234+0.0840i	-0.0265-0.2193i	-0.0106-1.5045i	-0.0411+0.0813i	0.1502+0.0206i	-0.0077-0.2323i	0.1167-0.0695i	-0.2606+0.1569i
57.0	-0.3200+0.0597i	-0.0534-0.1769i	-0.0207-1.3634i	-0.0510+0.2396i	0.1470+0.0220i	0.0115-0.2153i	0.1015-0.0546i	-0.2560+0.1599i
57.1	-0.3140+0.0140i	-0.0380-0.1208i	-0.0726-1.2981i	0.0169+0.1689i	0.1698-0.0051i	0.1124-0.3059i	0.1139-0.0386i	-0.2918+0.1811i
57.2	-0.2977+0.0485i	-0.0352-0.1545i	-0.0564-1.3368i	0.0403-0.0987i	0.1258-0.0521i	0.0451-0.3739i	0.1192-0.0618i	-0.2853+0.1911i
57.3	-0.2995-0.0087i	0.0174-0.1608i	0.1695-1.2753i	0.0091+0.0623i	0.1153-0.0590i	0.0210-0.3774i	0.0912-0.0757i	-0.2480+0.2139i
57.4	-0.2969-0.0566i	-0.0296-0.1572i	0.0532-1.3040i	-0.0889+0.2569i	0.1262-0.0077i	0.0375-0.3132i	0.0882-0.0808i	-0.2541+0.2169i
57.5	-0.3385-0.0971i	0.0274-0.1386i	0.0198-1.2032i	-0.0273+0.3433i	0.1260-0.0137i	0.0079-0.3252i	0.0916-0.0783i	-0.2218+0.2457i
57.6	-0.4041-0.0722i	0.0039-0.2027i	0.0171-1.2008i	0.1416+0.2520i	0.1462-0.0389i	0.0553-0.3763i	0.0755-0.0875i	-0.2132+0.2633i
57.7	-0.3683-0.0372i	-0.0050-0.1906i	0.0634-1.2084i	0.0901+0.1920i	0.1204-0.0359i	0.0160-0.3110i	0.0580-0.0980i	-0.1783+0.2552i
57.8	-0.2688-0.0874i	-0.0295-0.1436i	-0.0762-1.2111i	-0.1183+0.1833i	0.1027-0.0260i	0.0346-0.3294i	0.0516-0.0954i	-0.1785+0.2569i
57.9	-0.2789-0.0066i	-0.1020-0.1619i	-0.0506-1.3064i	0.0522-0.0008i	0.0738-0.0293i	0.0636-0.2290i	0.0257-0.0841i	-0.1896+0.2217i
58.0	-0.3461-0.1319i	-0.0085-0.1232i	-0.0603-1.0684i	0.0830+0.4017i	0.1037-0.0118i	0.0891-0.3111i	0.0511-0.1108i	-0.2160+0.2697i
58.1	-0.2876-0.2393i	0.0416-0.1026i	-0.0467-0.9988i	-0.1066+0.6157i	0.1224+0.0084i	0.0651-0.3490i	0.0607-0.1047i	-0.2174+0.2595i
58.2	-0.3196-0.2029i	0.0283-0.1256i	0.0409-0.9446i	-0.0453+0.5287i	0.1375-0.0162i	-0.0051-0.3034i	0.0138-0.1111i	-0.1241+0.2706i
58.3	-0.2409-0.1899i	0.0101-0.1226i	-0.0056-0.9822i	-0.2763+0.3603i	0.1101-0.0054i	0.0200-0.3245i	0.0257-0.1012i	-0.1301+0.2794i
58.4	-0.1861-0.0930i	-0.0586-0.1741i	-0.1001-1.1816i	-0.2646+0.1574i	0.0583+0.0009i	0.0720-0.2116i	0.0369-0.0800i	-0.1668+0.2187i
58.5	-0.2321-0.1025i	-0.0789-0.1235i	-0.1099-1.0320i	-0.1236+0.1979i	0.0708-0.0111i	0.0863-0.2386i	0.0216-0.0622i	-0.1455+0.2247i
58.6	-0.2253-0.1189i	-0.0661-0.1018i	-0.0546-0.9905i	-0.2091+0.0546i	0.0641+0.0188i	0.0070-0.2940i	-0.0095-0.1003i	-0.0744+0.3279i
58.7	-0.2077-0.1210i	-0.0915-0.0873i	-0.1053-1.0044i	-0.3296-0.0342i	0.0761+0.0312i	-0.0448-0.3089i	-0.0210-0.1236i	-0.0191+0.3646i
58.8	-0.2917-0.0867i	-0.0754-0.1416i	-0.0459-1.0653i	-0.0006+0.0395i	0.0977-0.0129i	-0.0581-0.3014i	-0.0427-0.0923i	0.0048+0.3260i
58.9	-0.3078-0.1141i	-0.0546-0.2104i	0.0317-1.0693i	0.1333+0.0735i	0.1309-0.0067i	-0.0577-0.2718i	-0.0310-0.0629i	0.0040+0.3181i
59.0	-0.2590-0.0998i	-0.0647-0.1717i	0.0528-0.9774i	-0.0363-0.0173i	0.2213+0.0117i	-0.0128-0.2453i	0.0094-0.0436i	0.0353+0.3233i
59.1	-0.2042-0.1689i	-0.0370-0.0951i	0.0076-0.9631i	-0.2589+0.1463i	0.1513-0.0012i	-0.0279-0.2150i	0.0070-0.0429i	0.0067+0.2306i
59.2	-0.2321-0.2235i	-0.0388-0.0976i	-0.0703-0.9037i	-0.1777+0.3483i	0.1203-0.0275i	0.0188-0.2400i	-0.0081-0.0368i	-0.0204+0.1813i
59.3	-0.1412-0.1585i	-0.1166-0.1041i	-0.1355-1.0076i	-0.4329+0.1200i	0.0913-0.0072i	0.0823-0.2047i	-0.0025-0.0151i	-0.0573+0.1366i
59.4	-0.2785-0.0911i	-0.0931-0.2160i	-0.0305-1.0732i	0.0359+0.0047i	0.0665-0.0467i	0.0038-0.1765i	-0.0433-0.0217i	-0.0191+0.1791i
59.5	-0.3506-0.2210i	-0.0303-0.2024i	-0.0083-0.9932i	0.0552+0.3212i	0.0882-0.0468i	-0.0419-0.2105i	-0.0417-0.0498i	-0.0220+0.2437i
59.6	-0.3582-0.1863i	-0.0544-0.1958i	0.0300-0.8866i	0.0776+0.4518i	0.0903-0.0582i	-0.0091-0.2023i	-0.0403-0.0417i	-0.0217+0.2267i
59.7	-0.3204-0.1705i	-0.0141-0.1840i	0.0977-0.8378i	0.0042+0.5211i	0.1130-0.0663i	0.0137-0.1866i	-0.0456-0.0492i	-0.0120+0.1990i
59.8	-0.2596-0.1429i	-0.1424-0.2686i	0.0226-1.0364i	0.0620+0.2179i	0.1153-0.0566i	0.1040-0.2232i	0.0066-0.0570i	-0.0775+0.2046i
59.9	-0.2633-0.0037i	-1.1500+2.6311i	-0.9168+1.5461i	-0.1418+0.5564i	0.0710-0.0417i	0.0560-0.1353i	0.0078-0.0010i	-0.0329+0.1792i
60.0	-0.3244-0.0683i	-2.9582+6.3054i	-2.6859+5.1570i	-0.6518+1.6868i	0.0321-0.0664i	-0.0425-0.1508i	-0.0487-0.0186i	0.0348+0.2189i
60.1	-0.2854-0.3231i	-2.5410-0.1983i	-2.3548-0.9613i	-0.7594+0.4653i	0.0789-0.0677i	-0.0017-0.2898i	-0.0302-0.0728i	-0.0420+0.2376i
60.2	-0.2107-0.2802i	-0.1173-0.1094i	-0.0640-0.9200i	-0.2789+0.2792i	0.0572-0.0596i	-0.0053-0.2251i	-0.0521-0.0748i	0.0128+0.2255i
60.3	-0.1551-0.2419i	-0.2189-0.1493i	-0.1229-1.0465i	-0.3095+0.2105i	0.0523-0.0398i	0.0160-0.1457i	-0.0469-0.0736i	0.0337+0.2213i
60.4	-0.1214-0.2898i	-0.1955-0.1647i	-0.0806-1.0806i	-0.3072+0.2741i	0.0593-0.0375i	0.0483-0.2113i	-0.0167-0.0889i	-0.0232+0.2451i
60.5	-0.1922-0.2689i	-0.1760-0.1774i	-0.0817-1.0223i	-0.1995+0.3138i	0.0752-0.0403i	0.0204-0.2122i	-0.0472-0.0818i	0.0414+0.2527i
60.6	-0.1847-0.2762i	-0.1985-0.1535i	-0.0893-1.0403i	-0.1729+0.2338i	0.0757-0.0283i	0.0074-0.1978i	-0.0624-0.0384i	0.0760+0.2148i
60.7	-0.2727-0.2766i	-0.2196-0.2105i	-0.0979-1.1180i	0.0008+0.2498i	0.0656-0.0360i	-0.0022-0.2325i	-0.0586-0.0420i	0.0461+0.2604i
60.8	-0.1600-0.3500i	-0.1734-0.1092i	-0.0553-0.9527i	-0.3640+0.4164i	0.0817-0.0588i	-0.0127-0.2163i	-0.0845-0.1000i	0.0399+0.2490i
60.9	-0.2524-0.2655i	-0.1638-0.1617i	-0.0188-1.0580i	-0.0854+0.3467i	0.0441-0.0472i	-0.0264-0.1371i	-0.1093-0.0562i	0.0869+0.1929i
61.0	-0.3692-0.2711i	-0.1345-0.2507i	-0.0455-1.1938i	0.1189+0.3804i	0.0283-0.0519i	-0.0446-0.1493i	-0.0908-0.0192i	0.1056+0.1702i
61.1	-0.2871-0.3461i	-0.1675-0.1796i	-0.1009-1.0889i	-0.1031+0.4496i	0.0405-0.0741i	-0.0084-0.1674i	-0.0854-0.0485i	0.0875+0.1759i
61.2	-0.2097-0.2852i	-0.1255-0.1180i	-0.0082-0.9077i	-0.1396+0.3826i	0.0276-0.0907i	0.0108-0.1744i	-0.0710-0.0532i	0.0676+0.1280i
61.3	-0.2370-0.2721i	-0.1287-0.2166i	0.0296-1.0843i	0.1919+0.3637i	0.0265-0.0901i	-0.0112-0.2002i	-0.0668-0.0144i	0.0341+0.1313i
61.4	-0.3088-0.2217i	-0.2324-0.1787i	-0.1646-1.0479i	0.2155+0.2236i	0.0279-0.0801i	0.0191-0.1335i	-0.0904+0.0145i	0.0953+0.1003i
61.5	-0.2518-0.3115i	-0.2531+0.0433i	-0.2391-0.6711i	-0.1940+0.4328i	0.0266-0.1145i	0.0522-0.1693i	-0.1008-0.0041i	0.0892+0.0715i
61.6	-0.2190-0.2613i	-0.2235-0.0623i	-0.1238-0.8627i	-0.0246+0.2380i	0.0057-0.1050i	0.0269-0.1468i	-0.0664-0.0085i	0.0615+0.1073i
61.7	-0.2368-0.2456i	-0.2404-0.2080i	-0.0732-1.1522i	0.1922+0.1033i	0.0103-0.1072i	0.0351-0.1808i	-0.0911+0.0086i	0.0770+0.1194i
61.8	-0.2909-0.3258i	-0.3405-0.0258i	-0.3606-0.9154i	-0.0592+0.2707i	-0.0041-0.1265i	0.0505-0.2081i	-0.0938-0.0053i	0.0788+0.0877i
61.9	-0.3012-0.3497i	-0.2713-0.0273i	-0.3156-0.9155i	0.0317+0.4194i	-0.0044-0.1160i	0.0680-0.1690i	-0.1237+0.0162i	0.0945+0.1077i
62.0	-0.2745-0.1968i	-0.2416-0.1098i	-0.1691-0.8978i	0.1578+0.2100i	-0.0355-0.1035i	0.0877-0.1474i	-0.0858+0.0339i	0.0800+0.0756i
62.1	-0.3065-0.1610i	-0.2412-0.0946i	-0.1454-0.8504i	0.2186+0.2228i	-0.0285-0.1288i	0.0830-0.1932i	-0.0797+0.0457i	0.1033+0.0614i
62.2	-0.2372-0.2217i	-0.3040-0.0020i	-0.2649-0.7551i	0.0545+0.2845i	-0.0268-0.1152i	0.0887-0.2130i	-0.1036+0.0345i	0.0745+0.0711i
62.3	-0.2405-0.2283i	-0.3042+0.0136i	-0.2710-0.7253i	0.0168+0.2690i	-0.0439-0.0889i	0.0632-0.2309i	-0.0886+0.0150i	0.0565+0.1010i

62.4	-0.3562-0.2957i	-0.2551-0.0099i	-0.3667-0.8988i	0.1462+0.3938i	-0.0395-0.1024i	0.0508-0.2339i	-0.1149+0.0378i	0.1061+0.0852i
62.5	-0.4180-0.2884i	-0.3380-0.0547i	-0.5716-1.0229i	0.1892+0.2742i	-0.0330-0.1163i	0.0763-0.2115i	-0.1060+0.0697i	0.1113+0.0403i
62.6	-0.3319-0.2774i	-0.2898+0.0139i	-0.3800-0.8532i	0.0857+0.3670i	-0.0427-0.1021i	0.0836-0.2290i	-0.1124+0.0659i	0.0828+0.0546i
62.7	-0.3800-0.2509i	-0.2937-0.0270i	-0.3983-0.8213i	0.2132+0.3400i	-0.0445-0.1099i	0.0962-0.2537i	-0.0875+0.0898i	0.0896+0.0286i
62.8	-0.4489-0.2892i	-0.2163-0.1320i	-0.3728-0.9662i	0.4379+0.4299i	-0.0594-0.1060i	0.0744-0.2423i	-0.0885+0.1323i	0.1212+0.0149i
62.9	-0.4083-0.2467i	-0.1995-0.0927i	-0.3508-0.9010i	0.3954+0.2940i	-0.0778-0.1053i	0.0455-0.2580i	-0.0597+0.1260i	0.1107+0.0133i
63.0	-0.4333-0.2272i	-0.2276-0.1062i	-0.4102-0.9608i	0.4729+0.2145i	-0.0679-0.1155i	0.0308-0.2436i	-0.0554+0.1231i	0.1029-0.0029i
63.1	-0.3129-0.1879i	-0.1902+0.0288i	-0.2650-0.6973i	0.1405+0.1732i	-0.0915-0.0850i	0.0091-0.2715i	-0.0727+0.0868i	0.0583+0.0241i
63.2	-0.2606-0.2554i	-0.1674+0.1388i	-0.1586-0.6167i	0.0347+0.2479i	-0.0998-0.0713i	0.0034-0.3202i	-0.0675+0.0871i	0.0509+0.0380i
63.3	-0.2693-0.3392i	-0.1747+0.0964i	-0.2022-0.7775i	0.0203+0.5267i	-0.1049-0.0536i	-0.0196-0.2985i	-0.0750+0.1214i	0.0607+0.0048i
63.4	-0.2729-0.1564i	-0.2235-0.0147i	-0.2104-0.7020i	0.1441+0.2568i	-0.1046-0.0625i	-0.0230-0.3144i	-0.0362+0.0859i	0.0363+0.0038i
63.5	-0.2739-0.2506i	-0.1837-0.0422i	-0.1688-0.8230i	0.2389+0.3039i	-0.0868-0.0680i	-0.0388-0.2866i	-0.0360+0.1025i	0.0631-0.0102i
63.6	-0.1605-0.1865i	-0.2183-0.0529i	-0.0395-0.8266i	0.0735+0.2647i	-0.1159-0.0519i	-0.0734-0.2525i	-0.0133+0.0668i	0.0214+0.0173i
63.7	-0.2407-0.0978i	-0.2543+0.0336i	-0.2365-0.5319i	0.1271+0.2093i	-0.1229-0.0576i	-0.0707-0.2779i	0.0113+0.0897i	0.0074-0.0231i
63.8	-0.2056-0.2206i	-0.2336+0.0912i	-0.2478-0.6251i	-0.0044+0.2755i	-0.1230-0.0400i	-0.0707-0.2921i	0.0249+0.0935i	-0.0180-0.0291i
63.9	-0.2678-0.1774i	-0.2428+0.0102i	-0.2785-0.6505i	0.1098+0.1978i	-0.1038-0.0510i	-0.0499-0.2714i	0.0225+0.0642i	0.0004-0.0111i
64.0	-0.3031-0.0947i	-0.1661+0.0014i	-0.1170-0.5367i	0.3409+0.2472i	-0.1275-0.0476i	-0.0917-0.2728i	0.0634+0.0492i	-0.0307-0.0156i
64.1	-0.2967-0.2044i	-0.1211+0.0096i	-0.1550-0.7052i	0.3568+0.2950i	-0.1238-0.0390i	-0.1219-0.2682i	0.0529+0.0638i	-0.0113-0.0174i
64.2	-0.2665-0.3103i	-0.2213+0.0124i	-0.3088-0.8556i	0.2635+0.3809i	-0.1135-0.0335i	-0.1327-0.2521i	0.0247+0.0694i	0.0086-0.0149i
64.3	-0.1910-0.2712i	-0.2098+0.0634i	-0.1634-0.7583i	0.0776+0.3922i	-0.1059-0.0175i	-0.1415-0.2613i	0.0190+0.0524i	-0.0000-0.0033i
64.4	-0.2473-0.1932i	-0.2095-0.0303i	-0.2300-0.7967i	0.2487+0.2548i	-0.1030-0.0157i	-0.1160-0.2381i	0.0331+0.0268i	0.0033-0.0093i
64.5	-0.2193-0.2933i	-0.1529+0.0162i	-0.1401-0.8566i	0.2132+0.3852i	-0.0844-0.0077i	-0.1258-0.2127i	0.0017+0.0276i	0.0070+0.0141i
64.6	-0.2218-0.2127i	-0.1276+0.0340i	-0.1111-0.6720i	0.3429+0.3386i	-0.0796-0.0133i	-0.1256-0.1894i	0.0114-0.0001i	-0.0049+0.0348i
64.7	-0.2330-0.1137i	-0.1602+0.0006i	-0.1513-0.5878i	0.3861+0.1716i	-0.0899-0.0194i	-0.1104-0.1707i	0.0010-0.0158i	-0.0002+0.0011i
64.8	-0.1946-0.0819i	-0.1984-0.0303i	-0.1046-0.6187i	0.4007+0.1472i	-0.1117-0.0266i	-0.1106-0.1612i	-0.0086-0.0233i	-0.0039+0.0077i
64.9	-0.1450-0.1431i	-0.1733-0.0145i	-0.0491-0.6755i	0.3352+0.2029i	-0.1027-0.0417i	-0.1190-0.1545i	-0.0040-0.0018i	-0.0168+0.0225i
65.0	-0.2542-0.1183i	-0.1141+0.0134i	-0.1810-0.6235i	0.3222+0.2931i	-0.1012-0.0307i	-0.1192-0.1302i	-0.0177+0.0055i	-0.0118+0.0306i
65.1	-0.2034-0.0621i	-0.1092+0.0242i	-0.0513-0.6157i	0.3090+0.1918i	-0.1075-0.0388i	-0.1233-0.1184i	-0.0237-0.0040i	-0.0246+0.0048i
65.2	-0.0532-0.0109i	-0.1792-0.0706i	0.1026-0.6136i	0.3383-0.0207i	-0.1267-0.0402i	-0.1060-0.1235i	-0.0533-0.0190i	-0.0202-0.0114i
65.3	-0.2120-0.0648i	-0.1081-0.0355i	-0.1028-0.5367i	0.4529+0.1284i	-0.1130-0.0308i	-0.1195-0.0959i	-0.0425-0.0130i	-0.0199+0.0007i
65.4	-0.1847-0.1725i	-0.1481+0.0087i	-0.1196-0.6338i	0.3537+0.1131i	-0.1283-0.0206i	-0.1055-0.1238i	-0.0327-0.0058i	-0.0251+0.0158i
65.5	-0.1394-0.1897i	-0.1522-0.0258i	-0.0632-0.7113i	0.3301-0.0384i	-0.1440-0.0092i	-0.1081-0.1233i	-0.0393-0.0169i	-0.0438+0.0328i
65.6	-0.1793-0.0710i	-0.1345-0.0153i	-0.1665-0.5023i	0.2808-0.0032i	-0.1291-0.0219i	-0.0882-0.0724i	-0.0546-0.0331i	-0.0033+0.0228i
65.7	-0.2345-0.1829i	-0.1055+0.0343i	-0.2166-0.5730i	0.2768+0.2617i	-0.1070-0.0246i	-0.0807-0.0666i	-0.0608-0.0023i	-0.0102+0.0009i
65.8	-0.2219-0.2081i	-0.1557+0.0450i	-0.2790-0.6810i	0.2846+0.2224i	-0.1193-0.0076i	-0.0697-0.0722i	-0.1020+0.0209i	-0.0194-0.0095i
65.9	-0.0836-0.1234i	-0.2077-0.0254i	-0.0694-0.6432i	0.3895+0.0724i	-0.1305-0.0165i	-0.0695-0.1038i	-0.0745+0.0235i	-0.0427+0.0277i
66.0	-0.1846-0.2123i	-0.0822+0.0191i	-0.1222-0.6395i	0.3609+0.1828i	-0.1112+0.0231i	-0.0578-0.0971i	-0.0590+0.0325i	-0.0420+0.0482i
66.1	-0.2117-0.1847i	-0.0542-0.0148i	-0.1461-0.6491i	0.3878+0.1265i	-0.1387+0.0321i	-0.0615-0.0985i	-0.0438+0.0452i	-0.0477+0.0453i
66.2	-0.1432-0.1269i	-0.1313-0.0285i	-0.0824-0.5913i	0.3702+0.0377i	-0.1358+0.0188i	-0.0450-0.1163i	-0.0566+0.0594i	-0.0421+0.0416i
66.3	-0.1694-0.0936i	-0.1528-0.0231i	-0.1775-0.4566i	0.4144+0.0856i	-0.1181+0.0013i	-0.0671-0.1188i	-0.0568+0.0495i	-0.0292+0.0319i
66.4	-0.1792-0.1936i	-0.0932+0.0343i	-0.1926-0.5365i	0.3585+0.0794i	-0.1451+0.0211i	-0.0415-0.1100i	-0.0289+0.0552i	-0.0483+0.0351i
66.5	-0.1374-0.1239i	-0.1065-0.0488i	-0.1328-0.5048i	0.3939-0.0554i	-0.1524+0.0023i	-0.0495-0.0925i	-0.0243+0.0212i	-0.0368+0.0588i
66.6	-0.0980-0.1674i	-0.1403+0.0228i	-0.1453-0.4759i	0.2536+0.0413i	-0.1183+0.0046i	-0.0620-0.1482i	-0.0073+0.0495i	-0.0356+0.0425i
66.7	-0.0649-0.2198i	-0.1386+0.0628i	-0.1246-0.5489i	0.2172+0.0726i	-0.1261+0.0378i	-0.0711-0.1318i	0.0134+0.0395i	-0.0572+0.0455i
66.8	0.0066-0.2026i	-0.1639+0.0363i	0.0031-0.5357i	0.2396+0.0013i	-0.1390+0.0348i	-0.0677-0.1438i	0.0135+0.0116i	-0.0774+0.0535i
66.9	-0.0655-0.2000i	-0.1101+0.0191i	-0.0556-0.4981i	0.3387+0.0827i	-0.1189+0.0311i	-0.0767-0.1586i	-0.0007+0.0388i	-0.0658+0.0384i
67.0	-0.1429-0.1054i	-0.0618-0.0460i	-0.1083-0.4425i	0.4009+0.0731i	-0.1199+0.0334i	-0.0844-0.1254i	-0.0018+0.0254i	-0.0493+0.0710i
67.1	-0.0255-0.0601i	-0.1934-0.0216i	0.0025-0.4087i	0.2927-0.0559i	-0.1426+0.0054i	-0.0605-0.1446i	-0.0003+0.0125i	-0.0537+0.0644i
67.2	0.0397-0.1618i	-0.2097+0.0456i	-0.0167-0.4846i	0.2128+0.0247i	-0.1375+0.0372i	-0.0763-0.1279i	0.0017+0.0104i	-0.0523+0.0657i
67.3	0.1297-0.2928i	-0.2514+0.0610i	-0.0095-0.7025i	0.0676+0.0159i	-0.1519+0.0429i	-0.0665-0.1279i	-0.0161+0.0370i	-0.0326+0.0466i
67.4	0.1597-0.3250i	-0.2513+0.1101i	0.0335-0.6973i	0.0643-0.0162i	-0.1519+0.0357i	-0.0756-0.1586i	-0.0143+0.0326i	-0.0419+0.0428i
67.5	0.1839-0.3384i	-0.2219+0.1272i	0.1405-0.7128i	0.1061+0.0035i	-0.1591+0.0655i	-0.0773-0.1503i	-0.0308+0.0178i	-0.0362+0.0616i
67.6	0.1565-0.2327i	-0.1938+0.0683i	0.1477-0.4863i	0.1670+0.1183i	-0.1465+0.0397i	-0.0810-0.1188i	-0.0082-0.0090i	-0.0459+0.0737i
67.7	0.0254-0.1658i	-0.1342-0.0081i	0.0200-0.3715i	0.3100+0.1669i	-0.1263+0.0155i	-0.0857-0.0998i	-0.0139-0.0236i	-0.0352+0.1009i
67.8	-0.0950-0.1039i	-0.0476-0.1027i	-0.0288-0.3037i	0.4466+0.2502i	-0.0903+0.0125i	-0.0706-0.0645i	0.0135-0.0366i	-0.0380+0.1227i
67.9	-0.0088-0.1556i	-0.0582-0.0384i	0.0891-0.3323i	0.3174+0.2868i	-0.1059+0.0344i	-0.0790-0.0510i	0.0148-0.0249i	-0.0524+0.1060i
68.0	0.0771-0.0568i	-0.1420-0.1440i	0.1914-0.3913i	0.4094+0.0440i	-0.1500+0.0171i	-0.0648-0.0748i	-0.0114-0.0360i	-0.0371+0.1065i
68.1	0.1519+0.0418i	-0.1946-0.1699i	0.2807-0.2245i	0.4373-0.0169i	-0.1518+0.0008i	-0.0613-0.0733i	0.0010-0.0706i	-0.0237+0.1153i
68.2	0.2971-0.2038i	-0.3062-0.0532i	0.2872-0.5296i	0.2195+0.0465i	-0.1557+0.0358i	-0.0537-0.0691i	-0.0103-0.0210i	-0.0488+0.0741i
68.3	0.2125-0.4288i	-0.2624+0.1017i	0.0679-0.6775i	0.0985+0.1781i	-0.1125+0.0929i	-0.0612-0.0655i	-0.0133-0.0258i	-0.0560+0.0954i
68.4	0.2618-0.5524i	-0.2741+0.2413i	0.1116-0.8243i	-0.0072+0.1458i	-0.1282+0.1205i	-0.1028-0.1077i	0.0043-0.0314i	-0.0793+0.1135i
68.5	0.1724-0.2650i	-0.2104+0.0558i	0.1469-0.4362i	0.2696+0.1091i	-0.1190+0.0218i	-0.0643-0.0944i	-0.0206-0.0340i	-0.0460+0.0876i
68.6	0.2116-0.2519i	-0.2406-0.0192i	0.2859-0.4382i	0.2789+0.0585i	-0.1377+0.0187i	-0.0479-0.1047i	-0.0124-0.0480i	-0.0530+0.0910i

68.7	0.1989-0.3252i	-0.2529+0.0775i	0.2080-0.4728i	0.1889+0.1074i	-0.1175+0.0528i	-0.0399-0.1049i	-0.0210-0.0554i	-0.0323+0.1129i
68.8	0.1205-0.3392i	-0.2412+0.0951i	0.0789-0.4323i	0.2184+0.1832i	-0.0769+0.0544i	-0.0230-0.0893i	-0.0278-0.0562i	-0.0063+0.1272i
68.9	0.1052-0.3574i	-0.1426+0.1130i	0.1046-0.4726i	0.3493+0.2742i	-0.0926+0.0516i	-0.0140-0.0618i	-0.0627-0.0979i	0.0042+0.1318i
69.0	0.1818-0.3566i	-0.1927+0.0898i	0.1657-0.5680i	0.3663+0.1573i	-0.1266+0.0358i	-0.0286-0.0756i	-0.0425-0.0800i	-0.0182+0.1152i
69.1	0.2021-0.3834i	-0.2334+0.1087i	0.2009-0.5590i	0.3830+0.1200i	-0.1377+0.0430i	-0.0246-0.0788i	-0.0367-0.1110i	-0.0326+0.1421i
69.2	0.2171-0.3463i	-0.2454+0.0876i	0.2602-0.4767i	0.3306+0.1223i	-0.1526+0.0519i	-0.0091-0.0587i	-0.0458-0.1186i	-0.0283+0.1259i
69.3	0.1839-0.3547i	-0.1901+0.0963i	0.2373-0.4404i	0.4143+0.2040i	-0.1649+0.0533i	0.0175-0.0591i	-0.0536-0.1102i	-0.0442+0.1190i
69.4	0.1044-0.4582i	-0.0646+0.1682i	0.1902-0.4676i	0.4686+0.3471i	-0.1624+0.0152i	0.0083-0.0714i	-0.0748-0.1186i	-0.0279+0.1436i
69.5	0.0815-0.5618i	-0.1039+0.1000i	0.0872-0.7735i	0.4612+0.2064i	-0.1570+0.0450i	0.0212-0.0952i	-0.1017-0.0772i	0.0141+0.1235i
69.6	0.1387-0.5446i	-0.1958+0.1358i	0.0725-0.7518i	0.3373+0.0351i	-0.1383+0.0488i	0.0178-0.1160i	-0.0836-0.0783i	0.0072+0.1269i
69.7	0.2362-0.5228i	-0.2301+0.2583i	0.1049-0.6012i	0.2404+0.1324i	-0.1451+0.0484i	-0.0312-0.1216i	-0.0675-0.1057i	-0.0285+0.1387i
69.8	0.2472-0.5008i	-0.1828+0.1584i	0.2572-0.6729i	0.3726+0.1215i	-0.1736+0.0832i	-0.0330-0.1091i	-0.0995-0.1047i	-0.0144+0.1243i
69.9	0.2804-0.4704i	-0.2350+0.0894i	0.3027-0.6448i	0.4466+0.1134i	-0.1932+0.0776i	-0.0215-0.0885i	-0.1264-0.0991i	-0.0047+0.1124i
70.0	0.2085-0.4525i	-0.2691+0.0576i	0.1207-0.6419i	0.3718+0.0382i	-0.1459+0.1003i	0.0104-0.0643i	-0.1333-0.0897i	0.0144+0.1082i
70.1	0.0917-0.3287i	-0.1231+0.0046i	0.1774-0.3995i	0.5631+0.0763i	-0.1606+0.0945i	0.0319-0.0453i	-0.1528-0.0643i	0.0175+0.1101i
70.2	0.1109-0.3715i	-0.0846+0.0679i	0.2224-0.4278i	0.4776+0.0501i	-0.1650+0.0777i	-0.0247-0.0492i	-0.1681-0.0616i	0.0211+0.1133i
70.3	0.1969-0.3830i	-0.1002+0.0490i	0.2780-0.4550i	0.4862+0.0406i	-0.1422+0.0772i	0.0274-0.0408i	-0.1802-0.0543i	0.0340+0.0866i
70.4	0.2268-0.5001i	-0.1675+0.1059i	0.2720-0.6154i	0.4759+0.1473i	-0.1196+0.0841i	0.0622-0.0766i	-0.1772-0.0707i	0.0346+0.1098i
70.5	0.2629-0.5344i	-0.1179+0.1260i	0.3423-0.6199i	0.4575+0.1263i	-0.1208+0.0867i	0.0679-0.1019i	-0.1799-0.0575i	0.0173+0.1084i
70.6	0.2768-0.5338i	-0.1833+0.0830i	0.3346-0.5944i	0.4950+0.0969i	-0.1358+0.0865i	0.0808-0.0933i	-0.1302-0.0528i	0.0002+0.1075i
70.7	0.2855-0.5389i	-0.2337+0.0406i	0.3953-0.6011i	0.5269+0.0034i	-0.1358+0.0861i	0.0763-0.1130i	-0.1299-0.0484i	0.0148+0.1157i
70.8	0.2586-0.4599i	-0.1269+0.0317i	0.3070-0.4746i	0.6903-0.0473i	-0.1598+0.0928i	0.0370-0.1123i	-0.1692-0.0317i	0.0318+0.1192i
70.9	0.2634-0.3543i	-0.1574+0.0226i	0.2765-0.2984i	0.7341+0.0339i	-0.1468+0.0344i	0.0523-0.1042i	-0.1378-0.0667i	0.0253+0.1107i
71.0	0.3776-0.5041i	-0.2940+0.0561i	0.3930-0.5764i	0.5028-0.1281i	-0.1470+0.0659i	0.0125-0.1112i	-0.0985-0.0827i	0.0031+0.1311i
71.1	0.3686-0.5667i	-0.2722+0.0981i	0.4152-0.6605i	0.5601-0.0859i	-0.1543+0.0779i	0.0102-0.1081i	-0.1560-0.0319i	0.0158+0.1131i
71.2	0.3983-0.5973i	-0.1891+0.0446i	0.5631-0.6073i	0.7310-0.1120i	-0.1541+0.0961i	0.0531-0.1319i	-0.1303-0.0613i	0.0229+0.1244i
71.3	0.3849-0.5700i	-0.1479+0.0944i	0.5442-0.5701i	0.6073-0.0562i	-0.1667+0.1016i	0.0249-0.0859i	-0.1803-0.0779i	0.0274+0.1376i
71.4	0.4447-0.6816i	-0.1917+0.1458i	0.5601-0.7383i	0.5197-0.0320i	-0.1595+0.1110i	0.0391-0.0849i	-0.1486-0.0762i	0.0053+0.1490i
71.5	0.3880-0.7379i	-0.1465+0.2372i	0.4548-0.7887i	0.4692-0.0245i	-0.1304+0.0763i	0.0253-0.0893i	-0.1649-0.0773i	0.0186+0.1178i
71.6	0.4559-0.7020i	-0.2003+0.1528i	0.6176-0.6742i	0.5909-0.1427i	-0.1833+0.0739i	0.0227-0.1135i	-0.1647-0.0850i	0.0092+0.1259i
71.7	0.4739-0.6894i	-0.1832+0.2291i	0.5310-0.6119i	0.5626-0.0948i	-0.1779+0.0677i	0.0822-0.0737i	-0.2325-0.0943i	0.0383+0.1429i
71.8	0.3764-0.7208i	-0.1595+0.1971i	0.4724-0.7839i	0.6134-0.1668i	-0.1451+0.0691i	0.1047-0.0774i	-0.2461-0.1002i	0.0601+0.1353i
71.9	0.3905-0.7862i	-0.2184+0.1787i	0.4613-0.8682i	0.5744-0.2036i	-0.1510+0.0766i	0.1037-0.1078i	-0.2780-0.1296i	0.0581+0.1427i
72.0	0.4156-0.8674i	-0.1786+0.2582i	0.4597-0.9208i	0.5512-0.1613i	-0.1555+0.0844i	0.1300-0.1163i	-0.3317-0.1139i	0.0532+0.1479i
72.1	0.4146-0.9002i	-0.1757+0.2454i	0.4870-0.9227i	0.5940-0.1325i	-0.1628+0.0657i	0.1134-0.1014i	-0.3259-0.0749i	0.0607+0.1204i
72.2	0.5096-0.8141i	-0.2283+0.1989i	0.5909-0.7860i	0.5706-0.0798i	-0.2049+0.0570i	0.1422-0.1071i	-0.3542-0.1133i	0.0540+0.1404i
72.3	0.5584-0.9529i	-0.2711+0.2843i	0.6640-0.9820i	0.5076-0.2288i	-0.2105+0.0837i	0.1293-0.1397i	-0.4021-0.0952i	0.0788+0.1550i
72.4	0.5523-1.0219i	-0.2591+0.2778i	0.7134-1.1031i	0.4777-0.2669i	-0.2135+0.0832i	0.1242-0.1557i	-0.4238-0.0137i	0.1057+0.1219i
72.5	0.5286-0.9732i	-0.2321+0.2482i	0.6409-1.0412i	0.5061-0.2865i	-0.2145+0.0783i	0.1237-0.1719i	-0.3934-0.0090i	0.0916+0.1203i
72.6	0.5902-1.1046i	-0.2172+0.3057i	0.7902-1.1111i	0.5009-0.2322i	-0.2383+0.0681i	0.1506-0.1860i	-0.4624-0.0233i	0.0860+0.1529i
72.7	0.5431-1.0927i	-0.1308+0.2223i	0.7500-0.9594i	0.6199-0.2286i	-0.2650+0.0537i	0.1849-0.1922i	-0.4847-0.0237i	0.0881+0.1496i
72.8	0.5990-1.0623i	-0.2021+0.2081i	0.8521-1.0444i	0.6400-0.4210i	-0.2684+0.0968i	0.1959-0.1943i	-0.4982-0.0335i	0.0999+0.1710i
72.9	0.5356-1.0719i	-0.1898+0.1381i	0.7615-1.1093i	0.6659-0.4503i	-0.2540+0.0949i	0.1912-0.2283i	-0.4681-0.0101i	0.1073+0.1637i
73.0	0.5897-1.1315i	-0.2738+0.1611i	0.7600-1.1593i	0.5805-0.4193i	-0.2587+0.0934i	0.1573-0.2444i	-0.5280-0.0104i	0.1225+0.1716i
73.1	0.5903-1.2778i	-0.2327+0.2943i	0.7788-1.3167i	0.5786-0.4121i	-0.2911+0.1281i	0.1462-0.2293i	-0.5576+0.0479i	0.1255+0.1551i
73.2	0.5310-1.2944i	-0.1386+0.2259i	0.6972-1.3001i	0.7248-0.4438i	-0.2909+0.1263i	0.1733-0.2719i	-0.5268+0.0452i	0.1306+0.1587i
73.3	0.5332-1.2194i	-0.0727+0.1894i	0.7244-1.1558i	0.7273-0.3229i	-0.2836+0.1205i	0.1486-0.2644i	-0.5131+0.0724i	0.1295+0.1550i
73.4	0.4391-1.3166i	0.0016+0.2706i	0.6311-1.2692i	0.6215-0.3030i	-0.2629+0.1388i	0.1274-0.2943i	-0.5513+0.1928i	0.1732+0.1114i
73.5	0.4638-1.4374i	0.0354+0.4311i	0.5291-1.4164i	0.4713-0.3028i	-0.2795+0.1419i	0.1366-0.3063i	-0.5984+0.2043i	0.1959+0.1151i
73.6	0.4876-1.4892i	-0.0011+0.4150i	0.5722-1.5149i	0.4561-0.3105i	-0.3021+0.1270i	0.1338-0.3129i	-0.5890+0.2038i	0.1828+0.1171i
73.7	0.4549-1.5372i	0.0141+0.3593i	0.5828-1.5496i	0.4842-0.3467i	-0.3088+0.1420i	0.1024-0.3612i	-0.5774+0.2584i	0.2029+0.1059i
73.8	0.4892-1.6088i	0.0291+0.3745i	0.5745-1.6192i	0.5192-0.4505i	-0.3555+0.1579i	0.0677-0.4007i	-0.6176+0.2655i	0.2368+0.1107i
73.9	0.5422-1.6940i	-0.0011+0.3118i	0.6850-1.7487i	0.6132-0.4979i	-0.4154+0.2076i	0.0645-0.4366i	-0.6655+0.3539i	0.2447+0.0972i
74.0	0.5468-1.6612i	0.0311+0.2640i	0.7572-1.6233i	0.6963-0.4093i	-0.4463+0.2410i	0.0577-0.4872i	-0.6847+0.4133i	0.2392+0.0777i
74.1	0.5156-1.7280i	0.0364+0.2280i	0.7230-1.6722i	0.6008-0.5554i	-0.4422+0.3025i	-0.0283-0.4600i	-0.6743+0.4739i	0.2455+0.0534i
74.2	0.5887-1.8376i	-0.1847+0.3001i	0.8140-1.8860i	0.4788-0.6611i	-0.4351+0.3574i	-0.0774-0.4487i	-0.6739+0.5516i	0.2753+0.0493i
74.3	0.5879-1.8601i	-0.1186+0.2606i	0.7703-1.8174i	0.5159-0.6599i	-0.4088+0.3734i	-0.0972-0.4104i	-0.6204+0.5538i	0.2870+0.0180i
74.4	0.5945-1.9166i	-0.0111+0.1434i	0.8078-1.7669i	0.6200-0.6488i	-0.4026+0.3730i	-0.0815-0.4019i	-0.5880+0.6004i	0.2562-0.0254i
74.5	0.5695-2.0094i	0.0216+0.1023i	0.7900-1.8340i	0.6332-0.7317i	-0.3565+0.4126i	-0.0616-0.3943i	-0.5478+0.6696i	0.2498-0.0459i
74.6	0.4475-2.1729i	0.0470+0.2788i	0.5182-2.0754i	0.4400-0.6812i	-0.2973+0.4530i	-0.0921-0.3634i	-0.4464+0.7143i	0.2083-0.0723i
74.7	0.3742-2.2917i	0.2230+0.3707i	0.3419-2.0969i	0.3962-0.6209i	-0.3216+0.4642i	-0.0796-0.3402i	-0.4066+0.7734i	0.1820-0.0992i
74.8	0.3809-2.4040i	0.0720+0.1865i	0.5387-2.1740i	0.3825-0.7421i	-0.3226+0.4991i	-0.1348-0.3275i	-0.3960+0.8487i	0.1933-0.1435i
74.9	0.3968-2.5542i	-0.0381+0.2915i	0.5217-2.4742i	0.2406-0.8271i	-0.2703+0.5639i	-0.1572-0.3227i	-0.3445+0.9108i	0.1867-0.1738i

75.0	0.2353-2.6226i	0.0953+0.2968i	0.3437-2.4431i	0.3049-0.7408i	-0.2446+0.5827i	-0.0821-0.3041i	-0.2621+0.9206i	0.1419-0.1855i
75.1	0.0940-2.6774i	0.1388+0.2172i	0.2694-2.4510i	0.2901-0.6997i	-0.2454+0.5874i	-0.0521-0.2525i	-0.2063+0.9324i	0.1092-0.1966i
75.2	0.0674-2.7228i	0.0952+0.2415i	0.2699-2.3763i	0.1863-0.7205i	-0.1947+0.5792i	-0.0373-0.2878i	-0.1785+0.8774i	0.0804-0.1474i
75.3	-0.0432-2.8600i	0.1304+0.3152i	0.1255-2.6238i	0.1748-0.6520i	-0.1812+0.6282i	-0.0394-0.2817i	-0.1040+0.9633i	0.0758-0.1628i
75.4	-0.1098-2.9005i	0.0990+0.0729i	0.1970-2.6243i	0.2193-0.7400i	-0.1894+0.6590i	-0.0727-0.2917i	-0.0549+0.9753i	0.0582-0.1766i
75.5	-0.3383-3.0453i	0.0985+0.0975i	-0.0021-2.6461i	0.1828-0.7690i	-0.1034+0.6799i	-0.1365-0.3156i	0.0729+0.9650i	0.0292-0.1702i
75.6	-0.4010-3.1727i	0.0007+0.2267i	-0.1036-2.7263i	0.1698-0.7277i	-0.0422+0.6963i	-0.0974-0.3160i	0.1300+1.0037i	0.0045-0.1776i
75.7	-0.4380-3.2149i	-0.0563+0.1893i	-0.1863-2.7518i	0.1125-0.7212i	0.0151+0.6863i	-0.0743-0.3076i	0.1845+0.9848i	-0.0079-0.1830i
75.8	-0.6495-3.2561i	-0.0802+0.2306i	-0.3114-2.6932i	0.1192-0.7138i	0.0697+0.6681i	-0.0991-0.3260i	0.2417+0.9649i	-0.0210-0.1808i
75.9	-0.7763-3.1644i	-0.0957+0.1272i	-0.2545-2.6762i	0.1470-0.6373i	0.1080+0.6332i	-0.0916-0.2972i	0.2689+0.9395i	-0.0102-0.1970i
76.0	-0.9185-3.2799i	-0.0217+0.2066i	-0.3709-2.7637i	0.1401-0.5568i	0.1507+0.5963i	-0.0885-0.3275i	0.3638+0.8813i	-0.0612-0.1601i
76.1	-1.1342-3.3962i	-0.0314+0.2350i	-0.5055-2.8134i	0.1005-0.6227i	0.2359+0.5964i	-0.0828-0.3799i	0.4550+0.8285i	-0.0865-0.1197i
76.2	-1.2977-3.4176i	-0.0278+0.2618i	-0.6351-2.8272i	0.0449-0.6434i	0.2682+0.5405i	-0.1259-0.3988i	0.5155+0.7784i	-0.0941-0.1051i
76.3	-1.4217-3.4926i	-0.0282+0.3147i	-0.7073-2.8166i	0.0508-0.5614i	0.2831+0.4769i	-0.1179-0.3924i	0.5427+0.7145i	-0.1246-0.0863i
76.4	-1.6141-3.3842i	-0.0465+0.2391i	-0.6611-2.7291i	0.0521-0.5574i	0.2981+0.4657i	-0.1172-0.3457i	0.6027+0.6702i	-0.1761-0.0926i
76.5	-1.7606-3.4336i	0.0294+0.3931i	-0.6284-2.8061i	0.0463-0.5750i	0.3088+0.4575i	-0.0850-0.2975i	0.5814+0.6302i	-0.1719-0.0653i
76.6	-1.8798-3.3497i	0.0352+0.2476i	-0.7362-2.6968i	0.1434-0.4114i	0.2867+0.3794i	-0.0645-0.3456i	0.5606+0.5822i	-0.1622-0.0283i
76.7	-2.0484-3.2401i	-0.0437+0.0085i	-0.7838-2.6210i	0.2278-0.3166i	0.2834+0.3248i	-0.1067-0.3957i	0.5848+0.5214i	-0.1525-0.0142i
76.8	-2.2849-3.2179i	-0.0694+0.2365i	-0.7844-2.6941i	0.2160-0.4605i	0.2877+0.2967i	-0.1251-0.4143i	0.6287+0.4957i	-0.1636-0.0231i
76.9	-2.4574-3.2530i	-0.0937+0.2710i	-0.6901-2.7429i	0.2886-0.5163i	0.2890+0.2531i	-0.1209-0.4175i	0.6958+0.4914i	-0.1991-0.0496i
77.0	-2.5591-3.0789i	-0.3763+0.1824i	-0.7619-2.6927i	0.4127-0.5217i	0.2289+0.1713i	-0.1673-0.3560i	0.6660+0.3958i	-0.2065-0.0384i
77.1	-2.5873-3.1685i	-0.1239+0.3931i	-0.8096-2.8435i	0.2727-0.5119i	0.2475+0.1630i	-0.1469-0.3713i	0.6811+0.3606i	-0.2292-0.0129i
77.2	-2.8413-3.0753i	0.0781+0.3216i	-0.9709-2.8371i	0.2096-0.4150i	0.2144+0.1280i	-0.1222-0.4144i	0.6910+0.2714i	-0.2530+0.0304i
77.3	-3.0088-3.0231i	0.0410+0.1085i	-1.0078-2.9426i	0.4045-0.3396i	0.1448+0.1033i	-0.1363-0.4591i	0.6845+0.1997i	-0.2832+0.0685i
77.4	-3.0414-3.0602i	0.1289+0.3090i	-1.0753-3.1720i	0.3465-0.2779i	0.1103+0.0880i	-0.1095-0.4571i	0.6637+0.1642i	-0.2977+0.1118i
77.5	-3.2116-3.0074i	0.1431+0.5269i	-1.3440-3.3334i	0.3298-0.4600i	0.0784+0.0895i	-0.1491-0.4566i	0.6753+0.0551i	-0.2977+0.2128i
77.6	-3.5615-2.6821i	0.0163+0.3204i	-1.4481-3.1332i	0.6378-0.5258i	0.0163+0.0981i	-0.1489-0.5019i	0.6500+0.0301i	-0.3156+0.2384i
77.7	-3.5643-2.5896i	-0.0335+0.3069i	-1.5383-3.2502i	0.7159-0.5126i	-0.0490+0.1190i	-0.1750-0.5219i	0.6263-0.0082i	-0.3199+0.2712i
77.8	-3.7571-2.4421i	-0.0079+0.2708i	-1.7688-3.1378i	0.6918-0.4694i	-0.0980+0.1214i	-0.2285-0.5255i	0.5579-0.0649i	-0.2718+0.3006i
77.9	-4.0408-2.3164i	-0.0118+0.2717i	-1.8430-3.2802i	0.7314-0.7216i	-0.1442+0.1497i	-0.2362-0.5432i	0.5721-0.1056i	-0.2515+0.3574i
78.0	-4.1990-2.0867i	-0.0611+0.3573i	-1.9388-3.1783i	0.8478-0.9983i	-0.1803+0.2029i	-0.2568-0.5076i	0.5166-0.1129i	-0.2406+0.3918i
78.1	-4.3559-2.0112i	0.1101+0.5220i	-2.1668-3.3486i	0.7058-1.1230i	-0.2279+0.2880i	-0.2891-0.5064i	0.5141-0.1987i	-0.2326+0.4822i
78.2	-4.4138-1.6900i	0.1326+0.3466i	-2.3905-3.3091i	0.6447-1.0639i	-0.2275+0.3419i	-0.3398-0.5243i	0.4462-0.2493i	-0.1446+0.5407i
78.3	-4.3784-1.3777i	-0.0111+0.4641i	-2.4398-3.1631i	0.6057-1.3868i	-0.1846+0.4369i	-0.3891-0.5167i	0.3796-0.2526i	-0.0830+0.5592i
78.4	-4.3098-1.2428i	-0.0534+0.5082i	-2.3745-3.2850i	0.6249-1.5621i	-0.1842+0.4923i	-0.4130-0.5406i	0.3746-0.2746i	-0.0579+0.6009i
78.5	-4.4507-1.0527i	0.1879+0.4950i	-2.7437-3.3802i	0.2734-1.4874i	-0.1076+0.5250i	-0.4265-0.5406i	0.3093-0.3192i	0.0147+0.6345i
78.6	-4.5490-0.7706i	0.2843+0.5501i	-2.9477-3.1665i	0.0124-1.5788i	-0.0532+0.5623i	-0.4093-0.4912i	0.2257-0.2932i	0.0782+0.6078i
78.7	-4.5844-0.5354i	0.2877+0.4600i	-3.1490-2.9266i	-0.0321-1.5768i	-0.0270+0.5716i	-0.4522-0.4662i	0.1560-0.2499i	0.1441+0.5857i
78.8	-4.4083-0.2305i	0.0744+0.3801i	-2.8593-2.9412i	-0.0160-1.7324i	-0.0465+0.5821i	-0.4649-0.4551i	0.1565-0.2369i	0.1618+0.5915i
78.9	-4.3352-0.0070i	0.1096+0.3635i	-3.0316-2.9636i	-0.1722-1.7234i	0.0201+0.6197i	-0.4696-0.4496i	0.1071-0.2222i	0.2064+0.5806i
79.0	-4.0187+0.0174i	0.0331+0.2303i	-3.2017-3.1263i	-0.0572-1.4841i	0.0403+0.6119i	-0.4847-0.5080i	0.0716-0.2022i	0.2607+0.5868i
79.1	-3.7095-0.3440i	-0.1262+0.4022i	-3.5604-3.2542i	0.2299-1.4283i	0.0768+0.6187i	-0.5690-0.5697i	0.0373-0.1799i	0.3534+0.5717i
79.2	-4.1120-0.5038i	0.1638+0.8743i	-4.0427-3.1920i	-0.2480-1.8016i	0.2011+0.6735i	-0.6346-0.5154i	0.0427-0.1730i	0.4008+0.5239i
79.3	-4.3912-0.0554i	0.4138+0.8245i	-4.1188-2.6950i	-0.4862-1.9728i	0.2477+0.6221i	-0.6544-0.4245i	0.0601-0.1602i	0.3988+0.4622i
79.4	-4.3319+0.2057i	0.4667+0.8795i	-4.1910-2.4305i	-0.7370-2.1134i	0.2579+0.5901i	-0.6622-0.3416i	0.0288-0.1743i	0.4099+0.3972i
79.5	-4.4553+0.6396i	0.8131+0.7694i	-4.5517-2.0219i	-1.1624-1.8031i	0.3212+0.5306i	-0.6707-0.2981i	-0.0176-0.1713i	0.4410+0.3530i
79.6	-4.2239+1.1966i	0.5561+0.6218i	-4.4475-1.6295i	-1.1595-1.8664i	0.3063+0.5542i	-0.7061-0.2440i	-0.0033-0.1439i	0.4431+0.3360i
79.7	-4.2695+1.2680i	0.5862+0.6123i	-4.5771-1.6334i	-1.2561-1.8778i	0.3341+0.5620i	-0.7426-0.2438i	-0.0475-0.1614i	0.4639+0.3365i
79.8	-4.1442+1.3861i	0.6347+0.3793i	-4.5545-1.3800i	-1.1511-1.5553i	0.3188+0.4976i	-0.7552-0.2234i	-0.0839-0.1000i	0.4992+0.2931i
79.9	-3.9178+1.6367i	0.7129+0.2746i	-4.6511-1.1403i	-1.4053-1.3322i	0.3515+0.5047i	-0.7256-0.1729i	-0.0936-0.1005i	0.5372+0.2768i
80.0	-3.9746+1.9214i	0.8088+0.3607i	-4.9634-0.9183i	-1.7961-1.4138i	0.4313+0.5204i	-0.7538-0.1278i	-0.1396-0.1224i	0.5738+0.2655i

2.1.107 Run 10 – IP270NVP – Accels 33–40

In-plane shaking at 270° with no vertical shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	9.3216+0.0000i	4.5325+0.0000i	-4.9457+0.0000i	-5.7800+0.0000i	20.1701+0.0000i	6.8545+0.0000i	12.9642+0.0000i	5.4241+0.0000i
0.1	9.5263+0.6488i	4.4764+0.1396i	-4.8426-0.0734i	-6.0722-0.9033i	20.2089+0.4392i	6.1506-0.2467i	12.7490+1.4053i	4.9190+0.4005i
0.2	19.3235-9.0935i	-7.9726-5.7421i	-10.3532+1.2962i	27.2122+21.2587i	-0.6954-4.2956i	9.4013+8.5810i	-13.2422-34.3168i	5.1048-21.5931i
0.3	-0.2052+4.9925i	-0.7812+3.6106i	0.7480+0.4591i	-5.4473+3.3154i	-1.8323-1.5162i	-1.9744+2.3376i	-3.8146-0.8529i	-3.9227-3.7597i
0.4	0.4585+0.8668i	0.2546+0.5853i	0.1551-0.0605i	0.0418+0.9752i	-0.5253-0.7253i	0.2299-0.0822i	-1.1305-0.6096i	-0.6777-0.5020i
0.5	-0.0137+0.4260i	0.1992+0.1471i	0.0218-0.0188i	-0.0054+0.1150i	-0.5405-0.2945i	-0.2754-0.1634i	-0.4752+0.0682i	0.1532-0.1016i
0.6	0.0564+0.1850i	0.1586+0.0045i	0.0480+0.0027i	-0.0438+0.0542i	0.3203-0.3063i	-0.0604-0.0491i	0.0689+0.0254i	0.0203-0.0525i
0.7	0.0109+0.0483i	0.1109+0.0479i	0.0448+0.0247i	0.0150+0.0786i	-0.0790+0.0697i	0.0076-0.0496i	0.1571-0.2577i	0.0448+0.0113i
0.8	0.0066-0.0286i	0.0818+0.0267i	0.0116+0.0165i	0.0526+0.0210i	-0.1840-0.0055i	-0.0155-0.0208i	0.0004-0.0167i	-0.0316+0.0266i
0.9	-0.0217+0.0008i	0.0910+0.0260i	-0.0009+0.0136i	-0.0034-0.0155i	-0.0475+0.0347i	-0.0062-0.0147i	-0.0270+0.0259i	-0.0603+0.0419i
1.0	-0.0132+0.0082i	0.1611+0.0302i	0.0056+0.0070i	0.0013-0.0178i	0.1445-0.0689i	-0.0151-0.0114i	0.0152-0.0153i	-0.0406+0.0342i
1.1	0.0039+0.0087i	0.2075+0.0247i	0.0072+0.0022i	0.0085-0.0093i	0.1440+0.0001i	-0.0108+0.0012i	-0.0020-0.0230i	-0.0458+0.0242i
1.2	0.0160+0.0221i	0.2661+0.0343i	0.0070+0.0014i	0.0124-0.0148i	0.2372+0.0424i	-0.0057+0.0019i	-0.0026-0.0013i	-0.0435+0.0526i
1.3	0.0219+0.0327i	0.3801+0.0514i	0.0098+0.0014i	0.0048-0.0300i	0.3258+0.1251i	-0.0022-0.0018i	0.0054-0.0062i	-0.0487+0.0722i
1.4	0.0758+0.0438i	0.6292+0.0868i	0.0102-0.0005i	-0.0375-0.0428i	0.7488+0.1523i	-0.0050-0.0018i	0.0088-0.0197i	-0.0229+0.0759i
1.5	0.1755-0.0728i	1.0769-0.2916i	0.0145+0.0010i	-0.1142+0.0609i	1.4207-0.5209i	-0.0110-0.0027i	-0.0008-0.0300i	-0.0255+0.0348i
1.6	0.0941-0.2119i	1.0338-0.7815i	0.0188-0.0010i	-0.0339+0.1730i	1.1238-1.3231i	-0.0183-0.0021i	-0.0205-0.0228i	-0.1131+0.0353i
1.7	-0.0827-0.2019i	0.7175-0.9599i	0.0218-0.0061i	0.1208+0.1483i	0.3374-1.4335i	-0.0250+0.0014i	-0.0273-0.0016i	-0.1788+0.1503i
1.8	-0.1560-0.0911i	0.6332-1.2388i	0.0257-0.0139i	0.1760+0.0495i	0.0329-1.3649i	-0.0274+0.0100i	-0.0256+0.0044i	-0.0928+0.3459i
1.9	-0.1811-0.0000i	0.4821-1.7209i	0.0281-0.0282i	0.1880-0.0194i	-0.1897-1.5826i	-0.0264+0.0206i	-0.0246+0.0048i	0.0657+0.4743i
2.0	-0.0919+0.1300i	-0.7320-1.5894i	0.0012-0.0368i	0.1215-0.0763i	-1.0054-1.1569i	-0.0142+0.0255i	-0.0080+0.0289i	0.4760+0.2860i
2.1	0.0101+0.1528i	-1.1713-1.1992i	-0.0111-0.0303i	0.0931-0.0639i	-1.2128-0.8115i	-0.0082+0.0213i	0.0111+0.0279i	0.5407+0.0978i
2.2	0.1324+0.1397i	-1.1267-0.7863i	-0.0172-0.0224i	0.1524-0.0338i	-1.1018-0.4710i	-0.0125+0.0145i	0.0310+0.0228i	0.4620-0.0410i
2.3	0.2866-0.0380i	-1.0358-0.5181i	-0.0235-0.0101i	0.2745-0.1815i	-0.9750-0.2881i	-0.0234+0.0212i	0.0538-0.0104i	0.3872-0.1168i
2.4	0.0362-0.3949i	-0.9468-0.3754i	-0.0089+0.0094i	-0.0047-0.5166i	-0.8435-0.1923i	-0.0020+0.0458i	0.0032-0.0697i	0.3486-0.1417i
2.5	-0.2483-0.1744i	-0.8406-0.2892i	0.0076+0.0001i	-0.2953-0.2681i	-0.7457-0.1150i	0.0177+0.0278i	-0.0441-0.0272i	0.3220-0.1886i
2.6	-0.1469-0.0498i	-0.8007-0.2451i	0.0020-0.0047i	-0.1985-0.1301i	-0.6850-0.1017i	0.0093+0.0160i	-0.0250-0.0083i	0.2643-0.2075i
2.7	-0.1095-0.0144i	-0.7613-0.2116i	0.0015-0.0060i	-0.1628-0.0873i	-0.6394-0.0908i	0.0057+0.0128i	-0.0181-0.0028i	0.2289-0.2411i
2.8	-0.0829-0.0040i	-0.7196-0.1905i	0.0018-0.0061i	-0.1346-0.0707i	-0.6066-0.0790i	0.0018+0.0111i	-0.0126-0.0015i	0.1982-0.2637i
2.9	-0.0692-0.0011i	-0.6802-0.1602i	0.0019-0.0053i	-0.1190-0.0572i	-0.5677-0.0550i	-0.0012+0.0095i	-0.0108-0.0010i	0.1820-0.2571i
3.0	-0.0591+0.0008i	-0.6505-0.1347i	0.0025-0.0045i	-0.1082-0.0469i	-0.5377-0.0395i	-0.0034+0.0080i	-0.0096-0.0004i	0.1650-0.2523i
3.1	-0.0516+0.0024i	-0.6265-0.1246i	0.0033-0.0036i	-0.1011-0.0427i	-0.5187-0.0388i	-0.0047+0.0076i	-0.0078+0.0001i	0.1428-0.2717i
3.2	-0.0453+0.0044i	-0.6090-0.1200i	0.0052-0.0037i	-0.0965-0.0398i	-0.5080-0.0345i	-0.0058+0.0085i	-0.0065-0.0005i	0.0923-0.3039i
3.3	-0.0408+0.0037i	-0.5968-0.1078i	0.0056-0.0042i	-0.0945-0.0350i	-0.4997-0.0332i	-0.0068+0.0082i	-0.0058-0.0008i	0.0453-0.2897i
3.4	-0.0372+0.0046i	-0.5789-0.0953i	0.0062-0.0043i	-0.0890-0.0298i	-0.4791-0.0276i	-0.0091+0.0069i	-0.0056-0.0015i	0.0321-0.2828i
3.5	-0.0351+0.0045i	-0.5673-0.0898i	0.0075-0.0037i	-0.0863-0.0274i	-0.4685-0.0267i	-0.0103+0.0063i	-0.0052-0.0017i	0.0204-0.2873i
3.6	-0.0330+0.0050i	-0.5465-0.0841i	0.0088-0.0037i	-0.0800-0.0265i	-0.4470-0.0224i	-0.0136+0.0064i	-0.0057-0.0021i	0.0259-0.3249i
3.7	-0.0307+0.0056i	-0.5404-0.0787i	0.0095-0.0037i	-0.0792-0.0241i	-0.4354-0.0236i	-0.0147+0.0058i	-0.0063-0.0026i	-0.0001-0.3258i
3.8	-0.0274+0.0056i	-0.5323-0.0761i	0.0103-0.0030i	-0.0804-0.0220i	-0.4304-0.0267i	-0.0158+0.0055i	-0.0070-0.0030i	-0.0875-0.3348i
3.9	-0.0254+0.0056i	-0.5268-0.0788i	0.0112-0.0025i	-0.0815-0.0210i	-0.4196-0.0249i	-0.0174+0.0067i	-0.0083-0.0025i	-0.1733-0.3411i
4.0	-0.0246+0.0041i	-0.5247-0.0721i	0.0122-0.0020i	-0.0795-0.0186i	-0.4125-0.0228i	-0.0188+0.0059i	-0.0063-0.0012i	-0.1748-0.2994i
4.1	-0.0272+0.0048i	-0.5084-0.0665i	0.0139-0.0033i	-0.0741-0.0184i	-0.4114-0.0187i	-0.0224+0.0055i	-0.0037-0.0046i	-0.0982-0.3774i
4.2	-0.0258+0.0039i	-0.5017-0.0610i	0.0156-0.0033i	-0.0731-0.0151i	-0.4119-0.0332i	-0.0241+0.0040i	-0.0052-0.0052i	-0.1521-0.3279i
4.3	-0.0237+0.0053i	-0.4987-0.0559i	0.0169-0.0028i	-0.0754-0.0115i	-0.4010-0.0293i	-0.0247+0.0035i	-0.0059-0.0071i	-0.2554-0.2691i
4.4	-0.0208+0.0078i	-0.4929-0.0576i	0.0174-0.0028i	-0.0730-0.0104i	-0.3950-0.0189i	-0.0268+0.0041i	-0.0090-0.0103i	-0.2885-0.2966i
4.5	-0.0183+0.0048i	-0.4879-0.0513i	0.0187-0.0030i	-0.0676-0.0092i	-0.4029-0.0167i	-0.0294+0.0025i	-0.0143-0.0074i	-0.2865-0.2320i
4.6	-0.0181+0.0031i	-0.4814-0.0491i	0.0197-0.0029i	-0.0677-0.0106i	-0.4004-0.0204i	-0.0316+0.0022i	-0.0139-0.0034i	-0.3357-0.2414i
4.7	-0.0188+0.0012i	-0.4744-0.0467i	0.0206-0.0016i	-0.0667-0.0092i	-0.3946-0.0192i	-0.0352+0.0030i	-0.0133-0.0014i	-0.3445-0.2067i
4.8	-0.0193+0.0025i	-0.4666-0.0480i	0.0219-0.0016i	-0.0660-0.0090i	-0.3877-0.0220i	-0.0385+0.0033i	-0.0124-0.0048i	-0.3926-0.2496i
4.9	-0.0190+0.0027i	-0.4626-0.0472i	0.0241-0.0018i	-0.0660-0.0074i	-0.3796-0.0255i	-0.0397+0.0020i	-0.0144-0.0069i	-0.4334-0.1698i
5.0	-0.0189+0.0023i	-0.4561-0.0470i	0.0267-0.0020i	-0.0631-0.0065i	-0.3815-0.0265i	-0.0434+0.0007i	-0.0147-0.0055i	-0.4263-0.0908i
5.1	-0.0185+0.0014i	-0.4484-0.0503i	0.0279-0.0016i	-0.0638-0.0074i	-0.3774-0.0201i	-0.0458+0.0022i	-0.0127-0.0056i	-0.4880-0.1037i
5.2	-0.0190+0.0007i	-0.4424-0.0528i	0.0287-0.0015i	-0.0617-0.0073i	-0.3696-0.0248i	-0.0497+0.0020i	-0.0132-0.0048i	-0.4580-0.0617i
5.3	-0.0201+0.0008i	-0.4383-0.0562i	0.0304-0.0029i	-0.0596-0.0070i	-0.3623-0.0466i	-0.0532+0.0006i	-0.0154-0.0014i	-0.4160+0.0093i
5.4	-0.0168+0.0019i	-0.4378-0.0622i	0.0329-0.0030i	-0.0570-0.0066i	-0.3687-0.0412i	-0.0575+0.0017i	-0.0209-0.0056i	-0.4374+0.0824i
5.5	-0.0163+0.0025i	-0.4385-0.0657i	0.0331-0.0018i	-0.0563-0.0062i	-0.3690-0.0398i	-0.0637+0.0020i	-0.0236-0.0093i	-0.3901+0.1713i
5.6	-0.0134+0.0014i	-0.4395-0.0743i	0.0328-0.0009i	-0.0543-0.0084i	-0.3661-0.0536i	-0.0690+0.0032i	-0.0357+0.0016i	-0.4229+0.2935i

5.7	-0.0120+0.0001i	-0.4427-0.0806i	0.0350-0.0013i	-0.0548-0.0105i	-0.3750-0.0557i	-0.0692+0.0045i	-0.0372+0.0085i	-0.4341+0.3754i
5.8	-0.0119-0.0032i	-0.4498-0.0836i	0.0378-0.0020i	-0.0570-0.0132i	-0.3808-0.0484i	-0.0721+0.0051i	-0.0343+0.0174i	-0.3268+0.4184i
5.9	-0.0135-0.0025i	-0.4554-0.0825i	0.0394-0.0024i	-0.0578-0.0126i	-0.3723-0.0465i	-0.0764+0.0051i	-0.0310+0.0180i	-0.2244+0.4189i
6.0	-0.0143-0.0039i	-0.4610-0.0714i	0.0439-0.0031i	-0.0576-0.0131i	-0.3894-0.0350i	-0.0791+0.0043i	-0.0277+0.0242i	-0.0514+0.3634i
6.1	-0.0134-0.0054i	-0.4618-0.0694i	0.0450-0.0030i	-0.0585-0.0135i	-0.3897-0.0479i	-0.0844+0.0041i	-0.0291+0.0279i	-0.0397+0.3350i
6.2	-0.0139-0.0058i	-0.4615-0.0681i	0.0452-0.0017i	-0.0593-0.0134i	-0.3896-0.0530i	-0.0887+0.0058i	-0.0276+0.0292i	-0.0733+0.3051i
6.3	-0.0165-0.0068i	-0.4627-0.0608i	0.0499-0.0010i	-0.0622-0.0142i	-0.3931-0.0567i	-0.0891+0.0072i	-0.0152+0.0334i	-0.0808+0.2300i
6.4	-0.0181-0.0084i	-0.4625-0.0562i	0.0556+0.0014i	-0.0649-0.0148i	-0.3971-0.0417i	-0.0919+0.0097i	-0.0039+0.0379i	-0.0328+0.1888i
6.5	-0.0176-0.0096i	-0.4627-0.0578i	0.0590+0.0029i	-0.0670-0.0153i	-0.3908-0.0407i	-0.0969+0.0118i	-0.0003+0.0391i	-0.0063+0.2081i
6.6	-0.0192-0.0094i	-0.4617-0.0582i	0.0623+0.0024i	-0.0687-0.0155i	-0.3840-0.0329i	-0.1009+0.0108i	0.0028+0.0306i	-0.0572+0.2250i
6.7	-0.0219-0.0104i	-0.4592-0.0549i	0.0680-0.0015i	-0.0707-0.0137i	-0.3893-0.0192i	-0.1064+0.0079i	0.0031+0.0233i	-0.0327+0.1973i
6.8	-0.0241-0.0114i	-0.4574-0.0497i	0.0760-0.0018i	-0.0738-0.0126i	-0.3952-0.0384i	-0.1123+0.0086i	0.0024+0.0240i	0.0234+0.1447i
6.9	-0.0270-0.0122i	-0.4543-0.0479i	0.0806-0.0048i	-0.0765-0.0113i	-0.3898-0.0431i	-0.1189+0.0095i	0.0056+0.0256i	0.0244+0.1628i
7.0	-0.0340-0.0090i	-0.4489-0.0464i	0.0965-0.0236i	-0.0847-0.0052i	-0.3850-0.0370i	-0.1211+0.0087i	0.0191+0.0278i	-0.0944+0.1542i
7.1	-0.0425+0.0003i	-0.4478-0.0455i	0.1108-0.0565i	-0.0950+0.0097i	-0.3843-0.0313i	-0.1238+0.0116i	0.0360+0.0170i	-0.0813+0.1236i
7.2	-0.0349+0.0172i	-0.4442-0.0459i	0.0708-0.0989i	-0.0816+0.0322i	-0.3848-0.0318i	-0.1309+0.0042i	0.0316-0.0193i	-0.1158+0.1656i
7.3	-0.0165+0.0151i	-0.4395-0.0497i	0.0211-0.0741i	-0.0582+0.0258i	-0.3834-0.0393i	-0.1461+0.0059i	0.0006-0.0183i	-0.1385+0.1880i
7.4	-0.0074+0.0049i	-0.4388-0.0507i	0.0041-0.0357i	-0.0466+0.0113i	-0.3920-0.0490i	-0.1560+0.0088i	-0.0158-0.0023i	0.0061+0.2732i
7.5	-0.0066-0.0022i	-0.4379-0.0514i	0.0077-0.0155i	-0.0448+0.0027i	-0.3971-0.0349i	-0.1615+0.0143i	-0.0189+0.0098i	0.0340+0.2515i
7.6	-0.0085-0.0050i	-0.4359-0.0509i	0.0162-0.0072i	-0.0488-0.0001i	-0.3969-0.0294i	-0.1677+0.0187i	-0.0173+0.0120i	-0.0174+0.2204i
7.7	-0.0119-0.0088i	-0.4329-0.0514i	0.0225+0.0047i	-0.0528-0.0052i	-0.4010-0.0460i	-0.1831+0.0257i	-0.0213+0.0243i	0.0094+0.1321i
7.8	-0.0150-0.0095i	-0.4320-0.0530i	0.0279+0.0108i	-0.0551-0.0072i	-0.3992-0.0411i	-0.1881+0.0315i	-0.0166+0.0309i	0.0087+0.0838i
7.9	-0.0189-0.0096i	-0.4306-0.0534i	0.0335+0.0180i	-0.0590-0.0032i	-0.4015-0.0448i	-0.1945+0.0452i	-0.0101+0.0384i	-0.0124+0.0958i
8.0	-0.0213-0.0074i	-0.4281-0.0530i	0.0346+0.0259i	-0.0598+0.0003i	-0.4016-0.0467i	-0.2022+0.0616i	-0.0064+0.0390i	-0.0240-0.0133i
8.1	-0.0209-0.0081i	-0.4247-0.0509i	0.0399+0.0234i	-0.0601-0.0027i	-0.3921-0.0565i	-0.2056+0.0497i	0.0025+0.0323i	0.0544+0.0259i
8.2	-0.0223-0.0072i	-0.4211-0.0506i	0.0431+0.0210i	-0.0597-0.0027i	-0.3857-0.0521i	-0.2092+0.0431i	0.0034+0.0221i	0.0825+0.0846i
8.3	-0.0236-0.0070i	-0.4185-0.0527i	0.0426+0.0212i	-0.0608-0.0030i	-0.3957-0.0459i	-0.2199+0.0432i	0.0040+0.0134i	0.0846+0.1234i
8.4	-0.0245-0.0083i	-0.4137-0.0551i	0.0503+0.0236i	-0.0612-0.0039i	-0.3936-0.0483i	-0.2216+0.0442i	0.0160+0.0144i	0.0581+0.0443i
8.5	-0.0261-0.0081i	-0.4115-0.0564i	0.0452+0.0326i	-0.0629-0.0039i	-0.3889-0.0347i	-0.2394+0.0544i	0.0159+0.0192i	0.0994+0.0225i
8.6	-0.0283-0.0063i	-0.4052-0.0586i	0.0331+0.0386i	-0.0658-0.0030i	-0.3756-0.0447i	-0.2720+0.0611i	0.0091+0.0176i	0.0754+0.0155i
8.7	-0.0291-0.0056i	-0.3985-0.0629i	0.0402+0.0430i	-0.0682-0.0023i	-0.3582-0.0693i	-0.2764+0.0656i	0.0142+0.0128i	0.0414-0.0017i
8.8	-0.0315-0.0035i	-0.3921-0.0669i	0.0320+0.0481i	-0.0722-0.0013i	-0.3582-0.0673i	-0.3048+0.0709i	0.0178+0.0045i	0.0069-0.0596i
8.9	-0.0308+0.0004i	-0.3827-0.0748i	0.0254+0.0736i	-0.0753+0.0017i	-0.3645-0.0797i	-0.3300+0.1101i	0.0098+0.0091i	-0.0342+0.0562i
9.0	-0.0280+0.0019i	-0.3780-0.0793i	0.0413+0.0885i	-0.0725+0.0053i	-0.3625-0.0711i	-0.3175+0.1264i	0.0095-0.0000i	-0.0292-0.0004i
9.1	-0.0304+0.0024i	-0.3753-0.0854i	0.0411+0.0951i	-0.0743+0.0068i	-0.3453-0.0638i	-0.3300+0.1391i	0.0122-0.0010i	0.0288-0.0233i
9.2	-0.0367+0.0048i	-0.3669-0.0944i	-0.0064+0.1260i	-0.0851+0.0080i	-0.3526-0.0850i	-0.4112+0.1845i	0.0136+0.0094i	0.0406+0.0161i
9.3	-0.0366+0.0183i	-0.3598-0.1027i	0.0089+0.2218i	-0.0852+0.0262i	-0.3413-0.0854i	-0.4064+0.3150i	0.0237+0.0075i	-0.0119+0.0352i
9.4	-0.0289+0.0306i	-0.3552-0.1180i	0.0736+0.3109i	-0.0767+0.0436i	-0.3392-0.1128i	-0.3344+0.4369i	0.0218+0.0051i	-0.1760+0.0132i
9.5	-0.0138+0.0337i	-0.3484-0.1409i	0.1913+0.3367i	-0.0576+0.0482i	-0.3513-0.1135i	-0.1939+0.4711i	0.0173+0.0036i	-0.2994+0.0501i
9.6	0.0018+0.0292i	-0.3427-0.1534i	0.3041+0.2964i	-0.0376+0.0412i	-0.3333-0.1239i	-0.0553+0.4162i	0.0089-0.0028i	-0.2419-0.0524i
9.7	0.0092+0.0143i	-0.3394-0.1765i	0.3446+0.1915i	-0.0331+0.0226i	-0.3382-0.1570i	-0.0217+0.2728i	0.0039-0.0014i	-0.2810-0.0426i
9.8	0.0111+0.0036i	-0.3407-0.2050i	0.3497+0.1355i	-0.0338+0.0119i	-0.3352-0.1794i	-0.0360+0.2023i	0.0054-0.0007i	-0.3240+0.0176i
9.9	0.0085-0.0035i	-0.3493-0.2305i	0.3432+0.0987i	-0.0383+0.0048i	-0.3416-0.2169i	-0.0574+0.1622i	0.0060-0.0094i	-0.1725+0.1643i
10.0	0.0050-0.0121i	-0.3589-0.2640i	0.3303+0.0687i	-0.0454-0.0019i	-0.3728-0.2527i	-0.0955+0.1330i	0.0119-0.0094i	-0.3201+0.3323i
10.1	0.0041-0.0152i	-0.3743-0.2825i	0.3161+0.0471i	-0.0499-0.0037i	-0.3767-0.2763i	-0.1367+0.1079i	0.0154+0.0007i	-0.4615+0.2220i
10.2	0.0001-0.0143i	-0.4111-0.2957i	0.2960+0.0553i	-0.0541-0.0009i	-0.4149-0.2825i	-0.1735+0.1175i	0.0055+0.0046i	-0.2579+0.2559i
10.3	-0.0030-0.0148i	-0.4425-0.3072i	0.2874+0.0704i	-0.0583+0.0035i	-0.4434-0.3059i	-0.1980+0.1409i	0.0007+0.0045i	-0.3744+0.3595i
10.4	-0.0058-0.0158i	-0.4669-0.3161i	0.2987+0.0798i	-0.0605+0.0071i	-0.4740-0.3094i	-0.2087+0.1550i	0.0069+0.0089i	-0.6961+0.2988i
10.5	-0.0084-0.0148i	-0.4964-0.3134i	0.3219+0.0812i	-0.0605+0.0100i	-0.5027-0.2947i	-0.1917+0.1638i	0.0168+0.0125i	-0.4155+0.5908i
10.6	-0.0066-0.0156i	-0.5191-0.3087i	0.3427+0.0667i	-0.0592+0.0116i	-0.5359-0.2826i	-0.1894+0.1567i	0.0229+0.0092i	-0.5717+1.0790i
10.7	-0.0070-0.0168i	-0.5360-0.2919i	0.3602+0.0476i	-0.0573+0.0126i	-0.5538-0.2851i	-0.1917+0.1373i	0.0283+0.0054i	-0.6669+1.1927i
10.8	-0.0089-0.0185i	-0.5535-0.2864i	0.3565+0.0326i	-0.0587+0.0136i	-0.5631-0.2639i	-0.2085+0.1270i	0.0338-0.0002i	-0.2315+1.3219i
10.9	-0.0064-0.0203i	-0.5615-0.2940i	0.3572+0.0260i	-0.0569+0.0148i	-0.5647-0.2878i	-0.2285+0.1445i	0.0395-0.0151i	0.0076+1.8585i
11.0	-0.0060-0.0214i	-0.5732-0.2815i	0.3525+0.0209i	-0.0531+0.0147i	-0.5772-0.2983i	-0.2415+0.1438i	0.0371-0.0257i	0.4972+1.8561i
11.1	-0.0082-0.0247i	-0.5848-0.2613i	0.3548+0.0183i	-0.0510+0.0112i	-0.6101-0.2596i	-0.2387+0.1376i	0.0343-0.0295i	1.1169+1.5924i
11.2	-0.0087-0.0278i	-0.5878-0.2482i	0.3659+0.0260i	-0.0536+0.0088i	-0.6244-0.2364i	-0.2455+0.1401i	0.0321-0.0344i	1.3956+1.2857i
11.3	-0.0115-0.0259i	-0.6000-0.2393i	0.3716+0.0250i	-0.0541+0.0093i	-0.6348-0.2404i	-0.2448+0.1332i	0.0266-0.0346i	1.7457+1.0740i
11.4	-0.0142-0.0280i	-0.5926-0.2465i	0.3809+0.0140i	-0.0541+0.0108i	-0.6503-0.2354i	-0.2579+0.1382i	0.0179-0.0584i	1.6796+0.9691i
11.5	-0.0151-0.0277i	-0.5900-0.2315i	0.3908+0.0119i	-0.0560+0.0074i	-0.6518-0.2497i	-0.2691+0.1252i	0.0176-0.0630i	1.9210+0.5989i
11.6	-0.0146-0.0281i	-0.5784-0.2298i	0.4003+0.0063i	-0.0589+0.0058i	-0.6472-0.2755i	-0.2814+0.1182i	0.0211-0.0729i	1.8996+0.2050i
11.7	-0.0156-0.0305i	-0.5751-0.2372i	0.4090-0.0021i	-0.0621+0.0083i	-0.6557-0.2622i	-0.2920+0.1134i	-0.0006-0.0853i	1.8188-0.0942i
11.8	-0.0170-0.0287i	-0.5724-0.2338i	0.4169-0.0062i	-0.0637+0.0093i	-0.6581-0.2512i	-0.3061+0.1046i	-0.0208-0.0818i	1.8057-0.3134i
11.9	-0.0158-0.0285i	-0.5661-0.2420i	0.4189-0.0139i	-0.0670+0.0131i	-0.6586-0.2728i	-0.3258+0.0999i	-0.0426-0.0945i	1.6185-0.5537i

12.0	-0.0129-0.0281i	-0.5482-0.2502i	0.4248-0.0162i	-0.0703+0.0163i	-0.6372-0.2585i	-0.3538+0.0991i	-0.0475-0.0931i	1.5082-0.7572i
12.1	-0.0095-0.0291i	-0.5325-0.2618i	0.4343-0.0119i	-0.0724+0.0209i	-0.6204-0.2721i	-0.3785+0.0988i	-0.0529-0.0761i	1.4748-0.7755i
12.2	-0.0058-0.0334i	-0.5146-0.2880i	0.4427-0.0122i	-0.0748+0.0273i	-0.5981-0.3183i	-0.4092+0.1031i	-0.0540-0.0706i	1.4803-0.8178i
12.3	-0.0026-0.0410i	-0.4998-0.3258i	0.4469-0.0133i	-0.0762+0.0356i	-0.5866-0.3524i	-0.4407+0.1109i	-0.0738-0.0691i	1.1559-0.7915i
12.4	0.0000-0.0499i	-0.4864-0.3692i	0.4503-0.0094i	-0.0773+0.0438i	-0.5890-0.4118i	-0.4712+0.1299i	-0.0848-0.0640i	0.9228-0.8154i
12.5	0.0040-0.0630i	-0.4739-0.4408i	0.4664-0.0076i	-0.0779+0.0542i	-0.5944-0.4627i	-0.5083+0.1528i	-0.0778-0.0558i	1.0945-0.9114i
12.6	0.0004-0.0766i	-0.4928-0.5158i	0.4804-0.0092i	-0.0722+0.0653i	-0.6184-0.5319i	-0.5277+0.1829i	-0.0778-0.0622i	1.2788-0.9468i
12.7	-0.0091-0.0916i	-0.5580-0.6046i	0.4970-0.0120i	-0.0590+0.0765i	-0.6841-0.6363i	-0.5287+0.2235i	-0.0899-0.0623i	1.3082-1.0748i
12.8	-0.0302-0.1059i	-0.6744-0.6777i	0.5083-0.0142i	-0.0382+0.0842i	-0.8323-0.7428i	-0.5148+0.2606i	-0.1033-0.0610i	1.1005-1.2714i
12.9	-0.0527-0.1128i	-0.8029-0.7145i	0.5286-0.0210i	-0.0171+0.0845i	-0.9789-0.7649i	-0.4955+0.2792i	-0.1078-0.0653i	1.2373-1.7201i
13.0	-0.0735-0.1056i	-0.9317-0.6907i	0.5456-0.0318i	0.0027+0.0754i	-1.1374-0.7256i	-0.4644+0.2812i	-0.1126-0.0781i	1.1161-2.2345i
13.1	-0.0924-0.0958i	-1.0394-0.6209i	0.5618-0.0443i	0.0172+0.0588i	-1.2522-0.6426i	-0.4515+0.2414i	-0.1353-0.0646i	1.1368-2.0580i
13.2	-0.1015-0.0846i	-1.1068-0.5471i	0.5671-0.0596i	0.0248+0.0442i	-1.3497-0.5458i	-0.4587+0.2026i	-0.1643-0.0642i	0.7667-1.9716i
13.3	-0.1059-0.0717i	-1.1452-0.4684i	0.5664-0.0701i	0.0247+0.0290i	-1.3860-0.4445i	-0.4970+0.1730i	-0.1982-0.0655i	0.6039-2.2974i
13.4	-0.1067-0.0647i	-1.1568-0.4096i	0.5621-0.0754i	0.0234+0.0185i	-1.3809-0.3960i	-0.5371+0.1607i	-0.2318-0.0498i	-0.0311-2.8086i
13.5	-0.1100-0.0574i	-1.1619-0.3559i	0.5559-0.0690i	0.0204+0.0074i	-1.4114-0.3520i	-0.5981+0.1534i	-0.2391-0.0369i	-0.5696-2.6745i
13.6	-0.1118-0.0496i	-1.1596-0.2928i	0.5538-0.0606i	0.0092-0.0061i	-1.4103-0.2605i	-0.6621+0.1549i	-0.2488-0.0276i	-0.8002-2.0164i
13.7	-0.1106-0.0428i	-1.1586-0.2512i	0.5563-0.0494i	-0.0014-0.0112i	-1.3982-0.2034i	-0.7316+0.1760i	-0.3056-0.0094i	-1.2633-2.0706i
13.8	-0.1100-0.0380i	-1.1500-0.2255i	0.5622-0.0324i	-0.0102-0.0089i	-1.4101-0.1672i	-0.7959+0.2089i	-0.3549+0.0166i	-1.2947-1.8789i
13.9	-0.1090-0.0328i	-1.1441-0.1991i	0.5743-0.0082i	-0.0156-0.0040i	-1.4150-0.1362i	-0.8566+0.2776i	-0.4019+0.0617i	-1.2581-1.7969i
14.0	-0.1088-0.0297i	-1.1343-0.1783i	0.5904+0.0233i	-0.0168+0.0023i	-1.3984-0.1323i	-0.9052+0.3393i	-0.4740+0.1242i	-1.2241-1.5003i
14.1	-0.1026-0.0293i	-1.1296-0.1605i	0.6272+0.0519i	-0.0102+0.0070i	-1.4090-0.1097i	-0.9169+0.4090i	-0.5662+0.2594i	-1.6124-1.1444i
14.2	-0.0970-0.0345i	-1.1292-0.1537i	0.6694+0.0583i	-0.0012+0.0013i	-1.4219-0.1043i	-0.9256+0.4597i	-0.6118+0.4606i	-1.8282-1.1089i
14.3	-0.1020-0.0473i	-1.1321-0.1587i	0.6938+0.0502i	-0.0018-0.0126i	-1.4485-0.1213i	-0.9717+0.5255i	-0.5095+0.7386i	-1.5807-1.2811i
14.4	-0.1190-0.0524i	-1.1573-0.1522i	0.7045+0.0590i	-0.0147-0.0193i	-1.4904-0.1004i	-0.9996+0.6003i	-0.1958+0.8875i	-1.7251-1.1382i
14.5	-0.1422-0.0444i	-1.1851-0.1202i	0.7202+0.1115i	-0.0371-0.0110i	-1.5210-0.0739i	-1.0351+0.7283i	0.1794+0.7777i	-2.1741-0.9650i
14.6	-0.1524-0.0256i	-1.1962-0.0831i	0.7455+0.1685i	-0.0405+0.0082i	-1.5576-0.0125i	-1.0334+0.8869i	0.2742+0.5868i	-2.1099-0.6126i
14.7	-0.1546-0.0092i	-1.1929-0.0308i	0.8350+0.2618i	-0.0331+0.0266i	-1.5681+0.0432i	-0.8942+1.1415i	0.3129+0.4768i	-2.1225-0.0021i
14.8	-0.1451+0.0068i	-1.1561+0.0021i	1.0071+0.3022i	-0.0123+0.0346i	-1.5257+0.0884i	-0.5785+1.2748i	0.3086+0.3959i	-1.7539+0.2069i
14.9	-0.1351+0.0139i	-1.1206+0.0126i	1.1822+0.2661i	0.0077+0.0317i	-1.5208+0.0951i	-0.2311+1.1829i	0.3074+0.3264i	-1.3019+0.2847i
15.0	-0.1268+0.0129i	-1.1002-0.0018i	1.3015+0.1756i	0.0201+0.0233i	-1.5190+0.0577i	-0.0331+0.9264i	0.3099+0.2567i	-1.1792+0.1653i
15.1	-0.1255+0.0088i	-1.0983-0.0320i	1.3651+0.0573i	0.0229+0.0145i	-1.5407+0.0134i	-0.0440+0.6239i	0.2966+0.1986i	-1.2436+0.0401i
15.2	-0.1269+0.0055i	-1.1136-0.0416i	1.3945-0.0448i	0.0222+0.0025i	-1.5737+0.0182i	-0.1631+0.3784i	0.2619+0.1527i	-1.2878+0.0353i
15.3	-0.1256+0.0049i	-1.1315-0.0451i	1.4162-0.1151i	0.0216-0.0053i	-1.5974+0.0055i	-0.2933+0.2391i	0.2233+0.1319i	-1.3825+0.0302i
15.4	-0.1286+0.0042i	-1.1521-0.0449i	1.4356-0.1709i	0.0205-0.0089i	-1.6533+0.0116i	-0.4593+0.1655i	0.1714+0.1289i	-1.4290+0.1132i
15.5	-0.1367+0.0067i	-1.1712-0.0373i	1.4611-0.2067i	0.0188-0.0104i	-1.7069+0.0314i	-0.6067+0.1354i	0.1325+0.1572i	-1.3073+0.2091i
15.6	-0.1418+0.0080i	-1.1929-0.0294i	1.5057-0.2410i	0.0178-0.0128i	-1.7619+0.0493i	-0.7299+0.1236i	0.1491+0.1963i	-1.4104+0.2473i
15.7	-0.1442+0.0113i	-1.2200-0.0272i	1.5835-0.2925i	0.0203-0.0129i	-1.8548+0.0430i	-0.8802+0.1142i	0.1668+0.2128i	-1.5206+0.3044i
15.8	-0.1457+0.0135i	-1.2356-0.0122i	1.6426-0.3576i	0.0234-0.0099i	-1.9199+0.0762i	-1.0240+0.1357i	0.1221+0.2468i	-1.5357+0.4313i
15.9	-0.1499+0.0175i	-1.2573+0.0053i	1.7201-0.4429i	0.0281-0.0093i	-2.0053+0.1199i	-1.1916+0.1922i	0.1824+0.3304i	-1.6317+0.5523i
16.0	-0.1527+0.0221i	-1.2868+0.0369i	1.7998-0.5603i	0.0364-0.0114i	-2.0579+0.1827i	-1.3541+0.2577i	0.2863+0.3755i	-1.7507+0.6622i
16.1	-0.1520+0.0265i	-1.2930+0.0728i	1.8241-0.7226i	0.0441-0.0200i	-2.1129+0.2479i	-1.5043+0.4158i	0.3936+0.3558i	-1.8835+0.9653i
16.2	-0.1474+0.0280i	-1.2831+0.0932i	1.8125-0.8618i	0.0484-0.0266i	-2.1384+0.3096i	-1.5789+0.5835i	0.4949+0.2772i	-1.8911+1.3504i
16.3	-0.1454+0.0314i	-1.2733+0.1266i	1.7682-1.0983i	0.0543-0.0471i	-2.1510+0.4248i	-1.6754+0.8494i	0.5978+0.1713i	-1.7079+2.0570i
16.4	-0.1482+0.0292i	-1.2761+0.1347i	1.6711-1.2656i	0.0511-0.0648i	-2.1387+0.5170i	-1.6676+1.0492i	0.6065+0.0305i	-1.3198+2.6619i
16.5	-0.1559+0.0232i	-1.2807+0.1410i	1.4331-1.3435i	0.0293-0.0771i	-2.0906+0.5579i	-1.5102+1.2189i	0.5305-0.1553i	-0.1631+3.0389i
16.6	-0.1681+0.0277i	-1.2723+0.1510i	1.1527-1.2067i	0.0001-0.0639i	-2.0821+0.5644i	-1.2724+1.2775i	0.3244-0.2339i	1.2145+2.3295i
16.7	-0.1744+0.0385i	-1.2668+0.1632i	1.0798-1.0093i	-0.0064-0.0407i	-2.0934+0.5520i	-1.1098+1.2667i	0.2378-0.1751i	1.5141+1.2662i
16.8	-0.1796+0.0476i	-1.2756+0.1725i	1.2180-0.8565i	0.0072-0.0248i	-2.1528+0.5152i	-1.0516+1.1461i	0.2486-0.0587i	1.1253+0.4631i
16.9	-0.1808+0.0623i	-1.2926+0.2251i	1.3512-0.9676i	0.0210-0.0229i	-2.2245+0.6016i	-1.1668+1.0820i	0.3706-0.1360i	0.8638-0.0953i
17.0	-0.1788+0.0783i	-1.2911+0.2789i	1.3303-1.1233i	0.0284-0.0195i	-2.2682+0.7004i	-1.2125+1.0859i	0.2741-0.2223i	0.6001-0.4491i
17.1	-0.1739+0.0803i	-1.2398+0.2609i	1.1660-0.9863i	0.0316-0.0098i	-2.2432+0.6644i	-1.3110+0.9908i	0.0926-0.1212i	0.1487-0.4716i
17.2	-0.1716+0.0744i	-1.2283+0.1925i	1.2367-0.6125i	0.0518+0.0055i	-2.2950+0.5603i	-1.5439+0.9803i	0.1030+0.1239i	-0.1915-0.4635i
17.3	-0.1712+0.0769i	-1.2941+0.2027i	1.6240-0.6768i	0.0850-0.0067i	-2.4722+0.6414i	-1.6732+1.2114i	0.4035+0.0673i	-0.5464-0.4974i
17.4	-0.1790+0.0798i	-1.3287+0.2411i	1.8522-0.9577i	0.0996-0.0373i	-2.6321+0.7288i	-1.7098+1.4580i	0.4511-0.3135i	-1.2071-0.2402i
17.5	-0.1930+0.0872i	-1.3457+0.2733i	1.8944-1.1791i	0.0969-0.0466i	-2.7174+0.8429i	-1.7012+1.6139i	0.1848-0.4636i	-1.4603+0.2377i
17.6	-0.1936+0.1000i	-1.3576+0.3034i	1.8916-1.3598i	0.1028-0.0478i	-2.7310+0.9661i	-1.7022+1.7480i	-0.0453-0.3426i	-1.1083+0.8811i
17.7	-0.1920+0.1131i	-1.3310+0.3636i	1.8409-1.5716i	0.1202-0.0544i	-2.7549+1.1719i	-1.6203+2.0158i	-0.1173-0.1019i	-0.5706+1.1670i
17.8	-0.1832+0.1224i	-1.2889+0.4056i	1.6964-1.7033i	0.1386-0.0600i	-2.7203+1.2879i	-1.3281+2.1257i	0.0168+0.0851i	-0.4848+1.1647i
17.9	-0.1753+0.1237i	-1.2483+0.3961i	1.5641-1.6811i	0.1521-0.0587i	-2.6565+1.2575i	-1.0835+1.9735i	0.1837+0.1795i	-0.4041+1.0058i
18.0	-0.1701+0.1275i	-1.2361+0.3770i	1.5562-1.6343i	0.1763-0.0565i	-2.6811+1.2695i	-1.0284+1.7832i	0.3216+0.1727i	-0.3254+0.9450i
18.1	-0.1644+0.1198i	-1.2500+0.3656i	1.5796-1.7180i	0.2118-0.0929i	-2.8163+1.2936i	-1.1927+1.6217i	0.4675-0.0436i	-0.1551+1.0746i
18.2	-0.1652+0.1146i	-1.2380+0.3690i	1.5370-1.8374i	0.2277-0.1295i	-2.8690+1.3650i	-1.3381+1.6281i	0.4713-0.1452i	-0.1364+1.1158i

18.3	−0.1636+0.1065i	−1.2247+0.3696i	1.4661−1.8683i	0.2378−0.1681i	−2.9565+1.4134i	−1.5084+1.6646i	0.3538−0.2324i	−0.1381+1.0406i
18.4	−0.1723+0.0875i	−1.2483+0.3678i	1.4033−1.9891i	0.2469−0.2296i	−3.1168+1.5044i	−1.7407+1.8111i	0.2819−0.2896i	−0.1177+1.0489i
18.5	−0.2065+0.0648i	−1.2545+0.3974i	1.1256−2.0885i	0.2084−0.3065i	−3.2252+1.7053i	−1.9326+2.2065i	0.2065−0.3333i	−0.0972+1.0992i
18.6	−0.2702+0.0880i	−1.2347+0.4075i	0.8364−1.8473i	0.1064−0.2936i	−3.1874+1.8570i	−1.6268+2.6527i	0.1914−0.3144i	0.0259+1.0889i
18.7	−0.2808+0.1618i	−1.2026+0.4090i	0.8883−1.4618i	0.0918−0.1918i	−3.1521+1.9286i	−1.0650+2.5810i	0.1921−0.3590i	0.1767+1.1026i
18.8	−0.2442+0.1781i	−1.1877+0.3902i	1.0891−1.3941i	0.1710−0.1830i	−3.2244+1.9360i	−1.0625+2.2606i	0.1450−0.4066i	0.4179+1.0764i
18.9	−0.2313+0.1787i	−1.1879+0.3888i	1.2559−1.3330i	0.2347−0.2085i	−3.3954+1.9699i	−1.1836+2.1390i	0.0516−0.3950i	0.4914+1.0108i
19.0	−0.2291+0.1810i	−1.1584+0.3604i	1.3949−1.3065i	0.2646−0.2408i	−3.4729+2.0632i	−1.2321+2.0750i	0.0169−0.3855i	0.5264+0.9183i
19.1	−0.2351+0.1833i	−1.1320+0.3671i	1.5766−1.3094i	0.2909−0.2871i	−3.5981+2.2039i	−1.3649+2.0245i	−0.0356−0.3530i	0.5105+0.8387i
19.2	−0.2469+0.1878i	−1.1235+0.3644i	1.7927−1.4086i	0.3103−0.3468i	−3.7792+2.4002i	−1.5545+2.0388i	−0.0857−0.3152i	0.5221+0.6519i
19.3	−0.2484+0.1976i	−1.0835+0.3398i	1.9500−1.5239i	0.3317−0.4023i	−3.8785+2.6021i	−1.6803+2.0994i	−0.0641−0.2914i	0.5481+0.5719i
19.4	−0.2478+0.2064i	−1.0411+0.3038i	2.1110−1.6970i	0.3429−0.4705i	−3.9928+2.8287i	−1.8032+2.1589i	−0.0518−0.2544i	0.4674+0.5411i
19.5	−0.2543+0.2058i	−0.9980+0.2274i	2.1743−1.8974i	0.3253−0.5304i	−4.0067+3.0059i	−1.9313+2.2357i	−0.1255−0.2285i	0.4149+0.5767i
19.6	−0.2688+0.2107i	−0.9089+0.1315i	2.1434−2.2129i	0.3097−0.6169i	−4.0103+3.3013i	−2.0926+2.3430i	−0.1322−0.2046i	0.3826+0.4965i
19.7	−0.2839+0.2065i	−0.9223+0.0320i	2.0449−2.3523i	0.2802−0.6539i	−4.0165+3.3501i	−2.2457+2.3378i	−0.1641−0.1893i	0.3363+0.4417i
19.8	−0.3156+0.2059i	−0.8765−0.1435i	1.8646−2.3903i	0.2510−0.6965i	−4.1369+3.4021i	−2.5232+2.4713i	−0.1841−0.0838i	0.2749+0.4081i
19.9	−0.3646+0.2347i	−0.8413−0.2929i	1.8081−2.2981i	0.2513−0.7335i	−4.4544+3.6182i	−2.9171+2.7441i	−0.1934−0.0324i	0.2549+0.4355i
20.0	−0.4024+0.2606i	−0.8652−0.3039i	1.9083−2.1846i	0.2638−0.7510i	−4.7315+3.9097i	−3.2059+3.0120i	−0.1628+0.0324i	0.2528+0.4498i
20.1	−0.4397+0.3137i	−0.9581−0.6091i	2.1885−2.1112i	0.2735−0.8468i	−5.0764+4.3593i	−3.4667+3.5860i	−0.0836+0.0384i	0.2374+0.3908i
20.2	−0.4673+0.3690i	−1.0649−0.8435i	2.4123−2.2442i	0.2879−0.9536i	−5.4546+4.8489i	−3.5247+4.1102i	−0.0554+0.0376i	0.2237+0.4299i
20.3	−0.5060+0.4610i	−1.2573−1.2394i	2.6470−2.4649i	0.2557−1.1050i	−5.7374+5.6157i	−3.4303+4.7200i	−0.0835+0.0715i	0.2029+0.5171i
20.4	−0.5153+0.5440i	−1.5665−1.6784i	2.7717−2.6967i	0.1846−1.2565i	−5.8316+6.3028i	−3.2649+5.1430i	−0.0291+0.0916i	0.2232+0.5416i
20.5	−0.4935+0.6510i	−2.0504−1.8605i	2.8318−3.0431i	0.0577−1.4070i	−5.7578+7.3522i	−3.0875+5.6515i	0.0688+0.1292i	0.2040+0.5369i
20.6	−0.4458+0.7569i	−2.8526−2.0684i	2.8752−3.2271i	−0.1406−1.5142i	−5.4961+8.2321i	−2.8723+6.0774i	0.1415+0.0464i	0.3256+0.5900i
20.7	−0.3799+0.8393i	−3.5285−2.0909i	2.9502−3.4991i	−0.3222−1.5908i	−5.0816+9.0959i	−2.5921+6.5240i	0.2054+0.0254i	0.3551+0.6997i
20.8	−0.2839+0.9247i	−4.1329−1.8494i	2.9987−3.8812i	−0.5348−1.6184i	−4.4072+10.0088i	−2.0605+6.8395i	0.2662+0.0385i	0.3642+0.6579i
20.9	−0.2048+0.9742i	−4.8175−1.5162i	2.9794−4.2031i	−0.7114−1.6039i	−3.9497+10.6009i	−1.9366+6.7684i	0.3631−0.1130i	0.3740+0.6120i
21.0	−0.1424+0.9912i	−5.4653−1.1148i	2.9713−4.4579i	−0.8658−1.5815i	−3.5669+11.0840i	−1.9176+7.0573i	0.3445−0.2657i	0.3452+0.6187i
21.1	−0.0611+1.0072i	−6.1348−0.2854i	2.9666−4.8596i	−1.0336−1.4919i	−3.1135+11.7666i	−1.7593+7.5271i	0.3341−0.2887i	0.3550+0.7056i
21.2	0.0142+1.0327i	−6.6884+0.5039i	3.0069−5.1957i	−1.1813−1.4041i	−2.6573+12.4180i	−1.5253+7.9310i	0.2532−0.3143i	0.4071+0.7867i
21.3	0.0779+1.0593i	−6.9875+1.4394i	2.8868−5.6327i	−1.3068−1.3170i	−2.0379+13.1682i	−1.2583+8.2679i	0.1176−0.4345i	0.4519+0.7846i
21.4	0.1404+1.0595i	−7.1185+2.7135i	2.7083−6.2597i	−1.3845−1.2062i	−1.4436+14.1380i	−1.1220+8.6433i	0.0903−0.3791i	0.4943+0.7992i
21.5	0.1855+1.1041i	−7.0934+4.0961i	2.4622−6.8252i	−1.4356−1.1111i	−0.9872+15.5313i	−0.9150+9.3905i	0.0140−0.4741i	0.5915+0.8756i
21.6	0.2858+1.1561i	−6.6075+5.2954i	2.1030−7.3756i	−1.5070−1.0652i	0.3690+16.9381i	−0.2974+9.9773i	−0.1550−0.4391i	0.6659+0.8419i
21.7	0.4142+1.1729i	−5.5159+6.4682i	1.3178−7.8830i	−1.5686−1.0125i	2.5650+18.1564i	0.4453+10.5688i	−0.1473−0.3272i	0.7376+0.7970i
21.8	0.5675+1.1516i	−4.2178+7.4879i	0.2514−8.2286i	−1.6726−0.9379i	5.2402+18.9229i	1.4966+11.1621i	−0.1175−0.3004i	0.9349+0.8111i
21.9	0.7144+1.0981i	−2.9238+7.6570i	−0.5684−8.0271i	−1.7866−0.8575i	7.9963+18.5343i	2.6485+11.2138i	−0.1449−0.2289i	1.0235+0.7241i
22.0	0.8459+1.0133i	−1.5420+7.5959i	−1.3065−7.6529i	−1.8692−0.7557i	10.6167+17.6092i	3.8412+11.0200i	−0.1706−0.2383i	1.0885+0.6322i
22.1	0.9510+0.9100i	−0.3023+7.2893i	−1.8680−7.1651i	−1.9502−0.6555i	13.0097+16.3363i	4.9695+10.6750i	−0.1402−0.2126i	1.1204+0.5472i
22.2	1.0176+0.8069i	0.7617+6.8113i	−2.2062−6.6625i	−2.0240−0.5673i	15.0208+14.8853i	5.8997+10.1652i	−0.1777−0.2162i	1.1780+0.4535i
22.3	1.0723+0.6922i	1.5710+6.0147i	−2.2833−6.0271i	−2.0921−0.4459i	16.6633+12.8412i	6.5847+9.3261i	−0.2667−0.2526i	1.1792+0.3018i
22.4	1.0909+0.5906i	1.8789+5.2244i	−2.1645−5.6109i	−2.1471−0.3431i	17.4926+10.9024i	6.7628+8.4491i	−0.2070−0.2080i	1.1952+0.2342i
22.5	1.1073+0.4817i	2.2369+4.4319i	−2.0040−5.2446i	−2.2035−0.2124i	18.3615+8.8102i	6.8987+7.7173i	−0.1251−0.2321i	1.2012+0.2099i
22.6	1.1204+0.4071i	2.4290+3.8764i	−1.7705−5.0624i	−2.2552−0.0985i	19.0135+7.2600i	6.8736+7.2854i	−0.1509−0.2144i	1.2038+0.1640i
22.7	1.1267+0.3393i	2.5273+3.3096i	−1.5602−4.9517i	−2.2893+0.0003i	19.3736+5.7133i	6.7957+6.9628i	−0.2257−0.2113i	1.1775+0.1136i
22.8	1.1207+0.2446i	2.5317+2.7511i	−1.1606−5.0201i	−2.3345+0.1520i	19.6391+3.7254i	6.6804+6.8504i	−0.3534−0.0934i	1.1598+0.0444i
22.9	1.1023+0.1638i	2.5577+2.2894i	−0.7661−5.1100i	−2.3938+0.2683i	19.9816+2.0650i	6.6831+6.8126i	−0.4011+0.1225i	1.1450+0.0130i
23.0	1.0954+0.0867i	2.4834+1.5801i	−0.3387−5.4537i	−2.4829+0.4282i	20.3327−0.1454i	6.9298+6.8067i	−0.4133+0.2412i	1.2091−0.0161i
23.1	1.0782+0.0340i	2.2663+1.2221i	−0.0787−5.9897i	−2.5280+0.5864i	20.1998−1.8166i	6.9640+6.6359i	−0.3320+0.3042i	1.2613−0.1467i
23.2	1.0665−0.0372i	1.9788+0.8294i	−0.0397−6.7403i	−2.5504+0.8279i	19.7720−4.0097i	7.0301+6.5646i	−0.0951+0.3265i	1.2526−0.2209i
23.3	1.0539−0.1187i	1.7415+0.4209i	−0.2562−7.6806i	−2.5376+1.0861i	19.2014−6.4356i	7.3186+6.9590i	−0.0540+0.2556i	1.2476−0.3317i
23.4	1.0224−0.1982i	1.3861−0.0601i	−0.7604−8.7461i	−2.5204+1.3982i	18.1731−9.2171i	7.7989+7.3262i	0.0044+0.3340i	1.2006−0.4320i
23.5	0.9719−0.2745i	0.9567−0.3830i	−1.7553−9.6381i	−2.3853+1.6967i	16.2734−11.5797i	8.6237+7.4105i	0.0988+0.4798i	1.1632−0.6005i
23.6	0.9241−0.3475i	0.5114−0.5596i	−2.9026−10.1669i	−2.1839+1.9393i	14.0653−13.3408i	9.6233+7.4738i	0.2259+0.4055i	1.1107−0.6658i
23.7	0.8394−0.4293i	−0.1623−0.5102i	−4.6763−10.3919i	−1.8615+2.2169i	10.5396−14.7106i	10.9292+7.0353i	0.4852+0.3586i	0.9869−0.7425i
23.8	0.7692−0.4602i	−0.5890−0.3663i	−5.8984−10.1782i	−1.6265+2.3709i	8.1058−15.0575i	11.8344+6.3265i	0.4668+0.3902i	0.9108−0.8669i
23.9	0.6943−0.4834i	−0.8820−0.0984i	−7.1196−9.3438i	−1.3078+2.3894i	5.5969−14.3546i	12.6058+5.2249i	0.3508+0.3094i	0.8192−0.9130i
24.0	0.6115−0.5070i	−1.1421+0.2346i	−8.1012−8.1527i	−0.9818+2.3256i	3.2729−13.0527i	13.0574+3.6544i	0.6389+0.1173i	0.7001−0.8597i
24.1	0.5526−0.5238i	−1.3159+0.5176i	−8.8391−7.2966i	−0.7305+2.3364i	1.5225−12.2638i	13.5263+2.4502i	0.7567+0.2528i	0.5858−0.8750i
24.2	0.4913−0.5248i	−1.2809+0.7372i	−9.0319−6.3889i	−0.5523+2.2460i	0.6732−11.1907i	13.1608+1.3794i	1.0102+0.2005i	0.4842−0.8913i
24.3	0.3841−0.5002i	−1.2341+1.0103i	−9.2220−4.9832i	−0.3154+2.0847i	−0.4776−9.4157i	12.6071−0.2805i	1.6324−0.3764i	0.3582−0.8398i
24.4	0.3336−0.4753i	−1.2029+1.1023i	−9.1866−4.2578i	−0.2037+1.9961i	−0.9370−8.5205i	12.2186−1.1029i	1.7480−0.7933i	0.3027−0.7970i
24.5	0.2698−0.4283i	−1.0938+1.1791i	−8.8550−3.4862i	−0.1148+1.8886i	−1.0811−7.5635i	11.4792−1.9698i	1.3691−1.6493i	0.2586−0.7193i

24.6	0.2156-0.3779i	-0.9907+1.2357i	-8.6378-2.7925i	-0.0031+1.7689i	-1.3259-6.6030i	10.6674-2.5254i	0.8130-2.1227i	0.2229-0.6791i
24.7	0.2037-0.3223i	-0.9175+1.2150i	-8.2362-2.2501i	0.0666+1.6296i	-1.2661-5.7436i	9.7445-2.7860i	-0.1847-2.1614i	0.2462-0.6279i
24.8	0.1772-0.2752i	-0.8658+1.1973i	-7.9798-1.7926i	0.1323+1.5159i	-1.3809-5.0709i	8.9300-3.1571i	-0.8532-1.6007i	0.2425-0.6604i
24.9	0.1812-0.2124i	-0.8840+1.1557i	-7.5828-1.3658i	0.1479+1.4170i	-1.2613-4.4992i	8.0495-3.0763i	-0.5345-0.8580i	0.1536-0.6896i
25.0	0.2023-0.1680i	-0.9119+1.0975i	-7.1444-1.0443i	0.1899+1.3166i	-1.1712-4.0517i	7.6486-2.8676i	-0.2738-0.8428i	0.1127-0.6118i
25.1	0.2107-0.1499i	-0.9453+1.0718i	-6.7545-0.8770i	0.2100+1.1862i	-1.1270-3.5827i	7.2606-2.7701i	-0.4115-1.2053i	0.0759-0.5430i
25.2	0.2213-0.1260i	-0.9929+1.0161i	-6.4998-0.7755i	0.2009+1.1071i	-1.0606-3.2980i	6.9182-2.7002i	-0.7519-1.1994i	0.0887-0.5234i
25.3	0.2510-0.1008i	-1.0443+0.9018i	-6.1502-0.6126i	0.2167+0.9747i	-0.9728-2.8867i	6.5911-2.4431i	-1.0382-0.8974i	0.0741-0.4584i
25.4	0.2556-0.1212i	-1.1239+0.8536i	-5.8432-0.6416i	0.1790+0.8445i	-0.8455-2.6300i	6.5359-2.2379i	-1.0186-0.4339i	0.0779-0.4375i
25.5	0.2450-0.1298i	-1.2641+0.9068i	-5.5860-0.7405i	0.0816+0.7717i	-0.6912-2.4060i	6.4395-2.1270i	-0.8838-0.3724i	0.0677-0.4172i
25.6	0.2286-0.1229i	-1.4036+0.8902i	-5.3859-0.7311i	-0.0064+0.6830i	-0.5808-2.1249i	6.3903-2.0469i	-0.8568-0.4001i	0.0533-0.3727i
25.7	0.2115-0.0857i	-1.5863+0.8948i	-5.1822-0.8227i	-0.1353+0.6405i	-0.3660-1.8938i	6.3450-1.9384i	-0.8246-0.2946i	0.0716-0.3132i
25.8	0.1988-0.0596i	-1.6901+0.9195i	-5.0450-0.9449i	-0.2317+0.6219i	-0.1969-1.7676i	6.3319-1.8332i	-0.8298-0.1813i	0.1032-0.2817i
25.9	0.1578-0.0387i	-1.7782+0.9629i	-5.0275-1.0213i	-0.3222+0.6247i	-0.1983-1.6710i	6.4757-1.8804i	-0.7567-0.1468i	0.1109-0.2775i
26.0	0.1184+0.0680i	-1.9567+1.0536i	-4.9646-1.1728i	-0.4792+0.7018i	-0.0417-1.4778i	6.5179-2.1551i	-0.8081-0.1825i	0.1573-0.2918i
26.1	0.1758+0.2126i	-2.1297+1.1067i	-4.9892-1.3249i	-0.5605+0.8296i	0.2270-1.3570i	6.3080-2.3149i	-0.8759-0.0750i	0.1728-0.3003i
26.2	0.3016+0.2993i	-2.2464+1.2074i	-5.0695-1.3626i	-0.5346+0.9453i	0.4225-1.3078i	6.0324-2.3186i	-0.8725-0.0092i	0.1745-0.2708i
26.3	0.4143+0.3544i	-2.3732+1.2705i	-5.1335-1.3552i	-0.5087+1.0154i	0.6070-1.2510i	5.9408-2.2596i	-0.8234+0.0391i	0.1622-0.2730i
26.4	0.5430+0.3882i	-2.6100+1.3454i	-5.1675-1.3193i	-0.5170+1.0512i	0.8043-1.1272i	5.9280-2.2528i	-0.7484+0.1391i	0.1756-0.2714i
26.5	0.6676+0.3774i	-2.7934+1.5015i	-5.2809-1.2883i	-0.4988+1.0906i	0.9233-1.1157i	5.8817-2.3733i	-0.7305+0.2246i	0.1970-0.2464i
26.6	0.8090+0.3288i	-2.9458+1.7369i	-5.3557-1.2529i	-0.4559+1.1321i	1.1100-1.1552i	5.7310-2.3804i	-0.6357+0.3421i	0.2004-0.2315i
26.7	0.9510+0.2929i	-3.2142+1.8749i	-5.4014-1.2217i	-0.4721+1.1378i	1.3494-1.1438i	5.6525-2.4016i	-0.4581+0.2991i	0.2488-0.2252i
26.8	1.0299+0.2513i	-3.3655+2.0434i	-5.4925-1.1652i	-0.4880+1.1602i	1.4610-1.1567i	5.6206-2.4692i	-0.2357+0.1458i	0.2565-0.2272i
26.9	1.1121+0.2114i	-3.4708+2.2118i	-5.5631-1.1105i	-0.4816+1.1924i	1.6091-1.1865i	5.4848-2.5039i	-0.1814-0.0264i	0.2492-0.2138i
27.0	1.2616+0.1160i	-3.7381+2.5810i	-5.6957-0.9699i	-0.4949+1.2550i	1.8149-1.2854i	5.3260-2.5145i	-0.3080-0.1679i	0.2979-0.2283i
27.1	1.3954+0.0005i	-3.9366+2.9336i	-5.7285-0.8242i	-0.4924+1.3095i	2.0137-1.4120i	5.2192-2.3849i	-0.6471-0.1717i	0.3598-0.2527i
27.2	1.5106-0.1610i	-4.1555+3.3049i	-5.7622-0.7059i	-0.5068+1.3542i	2.2005-1.6836i	5.2149-2.1928i	-0.7301-0.2280i	0.3976-0.2783i
27.3	1.6105-0.3590i	-4.3949+3.8655i	-5.7404-0.5580i	-0.5441+1.4267i	2.4197-1.9280i	5.3580-2.1350i	-0.8995-0.0395i	0.4241-0.3201i
27.4	1.6661-0.6158i	-4.5719+4.6214i	-5.6566-0.4021i	-0.5811+1.5386i	2.5833-2.3350i	5.5053-2.2552i	-1.0737+0.4116i	0.4622-0.3790i
27.5	1.6654-0.7716i	-4.6178+5.0986i	-5.6562-0.2980i	-0.6024+1.6038i	2.5732-2.5004i	5.5668-2.3641i	-0.9397+0.6268i	0.4840-0.4619i
27.6	1.7007-1.0597i	-4.7532+6.0333i	-5.6294-0.1841i	-0.6403+1.7656i	2.6980-2.9685i	5.5679-2.3927i	-0.6469+0.5453i	0.4830-0.5127i
27.7	1.6914-1.3393i	-4.6696+6.9792i	-5.5893-0.0809i	-0.6328+1.9409i	2.7766-3.4483i	5.6533-2.4715i	-0.6750+0.5807i	0.4715-0.5779i
27.8	1.5085-1.6441i	-4.0247+8.0270i	-5.5017+0.0345i	-0.5285+2.1518i	2.5152-3.9955i	5.7685-2.6536i	-0.7330+0.5600i	0.4713-0.6787i
27.9	1.2874-1.9359i	-3.2849+9.0704i	-5.4227+0.0727i	-0.3967+2.3734i	2.1539-4.5765i	5.7582-2.8762i	-0.7044+0.6860i	0.3855-0.7649i
28.0	1.0079-2.0988i	-2.3368+9.7057i	-5.3585+0.0950i	-0.2071+2.5340i	1.6264-4.9279i	5.6545-3.1196i	-0.5898+0.8542i	0.3027-0.8538i
28.1	0.5661-2.2942i	-0.6323+10.4337i	-5.2591+0.1389i	0.1541+2.7093i	0.7915-5.3587i	5.3594-3.3387i	-0.2784+1.0617i	0.1537-0.9164i
28.2	0.2391-2.3748i	0.7077+10.8240i	-5.1648+0.1577i	0.4442+2.8098i	0.2841-5.5228i	5.0984-3.4722i	-0.1298+1.1431i	0.0486-0.9125i
28.3	-0.0847-2.2520i	2.0801+10.3961i	-5.1608+0.1440i	0.7710+2.7306i	-0.3020-5.2835i	4.8737-3.3879i	-0.0775+0.9616i	-0.0238-0.8576i
28.4	-0.4285-2.1774i	3.4646+10.1167i	-5.1180+0.1885i	1.0967+2.6759i	-0.9140-5.1264i	4.6644-3.3917i	0.1215+0.9968i	-0.1125-0.8475i
28.5	-0.7359-1.9942i	4.6249+9.3702i	-5.0169+0.2038i	1.3708+2.5248i	-1.4807-4.8225i	4.6090-3.3469i	0.3610+0.9032i	-0.2221-0.7954i
28.6	-0.9366-1.7573i	5.4343+8.4886i	-4.9955+0.1359i	1.5736+2.3255i	-1.8778-4.3805i	4.6338-3.3320i	0.4626+0.7954i	-0.2863-0.7284i
28.7	-1.0310-1.5268i	5.9357+7.6147i	-4.9876+0.0844i	1.7151+2.1187i	-2.0529-4.0232i	4.5172-3.3831i	0.5996+0.6884i	-0.3161-0.6580i
28.8	-1.0841-1.2847i	6.2258+6.7228i	-5.0118+0.0659i	1.7896+1.9138i	-2.1399-3.6310i	4.4223-3.4148i	0.6510+0.6493i	-0.3214-0.5853i
28.9	-1.1071-1.0302i	6.4636+5.7424i	-5.0509+0.0311i	1.8591+1.6854i	-2.2331-3.2262i	4.3513-3.4069i	0.8215+0.6149i	-0.3289-0.4977i
29.0	-1.0596-0.8648i	6.4557+5.1267i	-5.0754+0.0466i	1.8714+1.5348i	-2.2018-2.8793i	4.2178-3.4704i	0.9063+0.4668i	-0.3320-0.4685i
29.1	-0.9880-0.7092i	6.3568+4.4175i	-5.0985+0.0372i	1.8621+1.3699i	-2.1328-2.6514i	4.0386-3.4556i	0.8308+0.3204i	-0.3331-0.4393i
29.2	-0.9248-0.5922i	6.3081+3.8142i	-5.1325+0.0051i	1.8711+1.2192i	-2.0807-2.4633i	3.8650-3.4004i	0.7297+0.1404i	-0.3289-0.3957i
29.3	-0.8649-0.5497i	6.2657+3.4894i	-5.1653+0.0125i	1.8746+1.1319i	-1.9973-2.3393i	3.7389-3.3441i	0.6282+0.1613i	-0.3247-0.3692i
29.4	-0.8005-0.4887i	6.1244+3.0087i	-5.2086+0.0122i	1.8575+1.0051i	-1.9391-2.2144i	3.6695-3.2177i	0.6693+0.1935i	-0.3161-0.3370i
29.5	-0.7414-0.4315i	5.9343+2.5466i	-5.2905+0.0151i	1.8321+0.8810i	-1.8800-2.0940i	3.6233-3.1211i	0.8590+0.1061i	-0.3154-0.3042i
29.6	-0.7039-0.3981i	5.8655+2.1972i	-5.3864+0.0149i	1.8261+0.7836i	-1.8172-2.0054i	3.5430-3.0017i	0.9957+0.0070i	-0.3172-0.2743i
29.7	-0.6719-0.3843i	5.7309+1.9588i	-5.4645+0.0338i	1.8005+0.7105i	-1.8038-1.9716i	3.5468-2.8934i	1.1840-0.0615i	-0.2936-0.2463i
29.8	-0.6401-0.3681i	5.5249+1.6068i	-5.5735+0.0588i	1.7615+0.6041i	-1.8201-1.9577i	3.5925-2.7533i	1.3383-0.2327i	-0.2645-0.2071i
29.9	-0.6206-0.3561i	5.3255+1.3073i	-5.6404+0.1068i	1.7155+0.5053i	-1.8473-1.9067i	3.6436-2.6185i	1.4750-0.5234i	-0.2489-0.1525i
30.0	-0.5925-0.3465i	5.0644+1.0751i	-5.7269+0.1323i	1.6552+0.4192i	-1.8923-1.8562i	3.6816-2.5181i	1.3437-0.9184i	-0.2183-0.1212i
30.1	-0.5782-0.3522i	4.8311+1.0355i	-5.8130+0.2036i	1.5875+0.3851i	-1.9317-1.7608i	3.7184-2.4829i	1.0779-1.1339i	-0.1787-0.1315i
30.2	-0.5776-0.3463i	4.6765+0.9750i	-5.9247+0.2629i	1.5339+0.3566i	-1.9497-1.6276i	3.7768-2.4645i	0.8958-1.3506i	-0.1439-0.1320i
30.3	-0.5858-0.3196i	4.5238+0.8459i	-6.0583+0.2871i	1.4692+0.3151i	-1.9580-1.4953i	3.8356-2.3594i	0.6893-1.5593i	-0.1156-0.0985i
30.4	-0.6105-0.2938i	4.4986+0.8071i	-6.1247+0.3152i	1.4324+0.3094i	-1.9071-1.4045i	3.9272-2.2421i	0.5468-1.5125i	-0.1017-0.0912i
30.5	-0.6433-0.2452i	4.5796+0.6341i	-6.2478+0.3744i	1.4249+0.2840i	-1.8169-1.3759i	4.0437-2.1444i	0.3711-1.5549i	-0.0662-0.0807i
30.6	-0.6294-0.1786i	4.5354+0.3072i	-6.4066+0.4617i	1.4082+0.2363i	-1.7725-1.4277i	4.1409-2.0959i	0.0911-1.6552i	-0.0244-0.0784i
30.7	-0.5927-0.1278i	4.3659+0.0640i	-6.5396+0.5815i	1.3756+0.2030i	-1.7868-1.4700i	4.2626-2.0939i	-0.1293-1.7586i	0.0016-0.0722i
30.8	-0.5419-0.1032i	4.0981-0.0538i	-6.7422+0.8264i	1.3335+0.1986i	-1.8584-1.4450i	4.4409-2.0957i	-0.3532-1.7978i	0.0440-0.0957i

30.9	-0.4930-0.0880i	3.8441-0.1153i	-6.8221+0.9829i	1.3000+0.1893i	-1.9415-1.3821i	4.5903-2.0788i	-0.5009-1.7797i	0.0685-0.1051i
31.0	-0.4609-0.0779i	3.6584-0.1555i	-6.8538+1.1476i	1.2890+0.1848i	-2.0392-1.3139i	4.7391-2.1174i	-0.7064-1.6854i	0.1080-0.1180i
31.1	-0.4434-0.0837i	3.5390-0.1100i	-6.8891+1.2562i	1.2853+0.1872i	-2.0972-1.1849i	4.8724-2.1017i	-1.1571-1.5253i	0.1465-0.1413i
31.2	-0.4304-0.0914i	3.4902-0.0562i	-6.9423+1.3620i	1.2953+0.1823i	-2.1040-1.0583i	4.9719-2.1142i	-1.1606-1.4075i	0.1472-0.1573i
31.3	-0.4195-0.1043i	3.4718+0.0065i	-7.0714+1.5773i	1.3094+0.1792i	-2.1097-0.9244i	5.2379-2.1507i	-1.1934-1.4907i	0.1818-0.1785i
31.4	-0.4001-0.1026i	3.3381-0.0238i	-7.1419+1.6651i	1.2847+0.1567i	-2.1545-0.8878i	5.3849-2.1891i	-1.3987-1.4803i	0.2193-0.2113i
31.5	-0.4029-0.0651i	3.3094-0.2213i	-7.1676+1.7244i	1.2908+0.0880i	-2.1661-0.8571i	5.5669-2.1526i	-1.5540-1.5006i	0.2509-0.2044i
31.6	-0.4319-0.0938i	3.5276-0.0904i	-7.4004+2.0552i	1.3632+0.1014i	-2.0788-0.6746i	5.9143-2.3330i	-1.9240-1.2669i	0.2606-0.2718i
31.7	-0.4559-0.0726i	3.6479-0.2241i	-7.4757+2.2545i	1.3967+0.0508i	-2.0421-0.5894i	6.0809-2.4244i	-2.0780-1.1762i	0.2479-0.3059i
31.8	-0.4588-0.0244i	3.7085-0.4858i	-7.5744+2.4973i	1.4315-0.0373i	-2.0191-0.5222i	6.3685-2.5737i	-2.3143-0.9520i	0.2594-0.3227i
31.9	-0.4232+0.0218i	3.5717-0.7758i	-7.6464+2.7517i	1.3962-0.1453i	-1.9920-0.4707i	6.5950-2.7834i	-2.5109-0.5165i	0.2681-0.3645i
32.0	-0.3586+0.0381i	3.2363-0.9996i	-7.6986+3.0869i	1.2986-0.2394i	-2.0426-0.4315i	6.8385-3.0286i	-2.5725+0.0482i	0.2653-0.4208i
32.1	-0.3369+0.0719i	3.0731-1.2357i	-7.6534+3.3582i	1.2412-0.3284i	-2.0446-0.3616i	6.9792-3.2551i	-2.4952+0.4073i	0.2449-0.4398i
32.2	-0.2868+0.1410i	2.7849-1.6488i	-7.7337+3.5957i	1.1414-0.4623i	-2.0330-0.3217i	7.2410-3.4903i	-2.5136+0.6753i	0.2817-0.4449i
32.3	-0.1926+0.1606i	2.3428-1.8686i	-7.7894+4.0575i	0.9957-0.5452i	-1.9786-0.2479i	7.5152-3.9019i	-2.5858+1.1764i	0.3391-0.5277i
32.4	-0.1735+0.1332i	2.1120-1.8044i	-7.7198+4.5616i	0.8917-0.5167i	-1.9437-0.1402i	7.7047-4.4585i	-2.1378+1.4767i	0.2995-0.5901i
32.5	-0.0999+0.1392i	1.6522-1.8141i	-7.5610+4.6811i	0.7466-0.5020i	-1.9687-0.1365i	7.7636-4.6341i	-1.8657+1.4659i	0.3136-0.5847i
32.6	-0.0798+0.1019i	1.3941-1.6436i	-7.2607+5.0382i	0.6515-0.4363i	-1.9117-0.0328i	7.7561-5.1108i	-1.4822+1.5957i	0.2805-0.6375i
32.7	-0.0260+0.0184i	1.0332-1.2599i	-6.8844+5.4254i	0.5349-0.3058i	-1.8469+0.0728i	7.7053-5.6222i	-1.1473+1.6750i	0.2280-0.7064i
32.8	-0.0180-0.0504i	0.8904-0.9375i	-6.5080+5.5083i	0.4914-0.1888i	-1.7791+0.0849i	7.5414-5.8600i	-0.8824+1.5885i	0.1973-0.7354i
32.9	-0.0221-0.0528i	0.7878-0.7931i	-5.9209+5.3739i	0.4807-0.1132i	-1.6500+0.1030i	7.2532-6.1078i	-0.6590+1.2823i	0.1743-0.7103i
33.0	-0.0352-0.0898i	0.7954-0.5553i	-5.5083+5.3127i	0.4956-0.0342i	-1.5525+0.1567i	6.9727-6.3559i	-0.5355+1.1068i	0.1121-0.7103i
33.1	0.0131-0.1177i	0.5530-0.3587i	-5.3735+5.1986i	0.4322+0.0368i	-1.4959+0.1248i	6.9515-6.5661i	-0.5489+0.9796i	0.1091-0.7530i
33.2	0.0097-0.1569i	0.5419-0.0751i	-5.2812+5.0561i	0.4337+0.1414i	-1.4629+0.1609i	6.8743-6.7586i	-0.5807+0.7541i	0.1222-0.7646i
33.3	0.0016-0.2035i	0.5762+0.2340i	-5.3214+4.8793i	0.4526+0.2677i	-1.3905+0.1327i	6.9242-6.9322i	-0.6585+0.7281i	0.1314-0.8224i
33.4	-0.0011-0.2435i	0.5972+0.4836i	-5.3813+4.6727i	0.4664+0.3757i	-1.3255+0.1077i	7.0100-7.0569i	-0.7631+0.7341i	0.1307-0.8581i
33.5	-0.0094-0.2544i	0.6996+0.5922i	-5.7202+4.6406i	0.5353+0.4424i	-1.3517+0.0730i	7.1853-7.4337i	-0.9880+0.6106i	0.1557-0.9026i
33.6	-0.0125-0.2806i	0.7568+0.7849i	-5.9497+4.6443i	0.6027+0.5518i	-1.3551+0.0185i	7.1548-7.8237i	-1.1841+0.6674i	0.1465-0.9852i
33.7	-0.0456-0.4295i	0.9903+1.4344i	-6.3327+4.7575i	0.7496+0.8165i	-1.4075-0.1052i	7.3282-8.4490i	-1.2558+1.0740i	0.0901-1.1175i
33.8	-0.1282-0.5025i	1.4156+1.7376i	-6.5411+4.9693i	0.9764+0.9315i	-1.4725-0.1771i	7.0828-8.9301i	-1.3224+1.4815i	-0.0191-1.2521i
33.9	-0.2450-0.4742i	1.9830+1.6543i	-6.6359+4.9011i	1.2687+0.8672i	-1.5666-0.2243i	6.5926-8.7431i	-1.0301+1.5707i	-0.1982-1.2087i
34.0	-0.3173-0.4313i	2.3573+1.4893i	-6.9676+4.9410i	1.4682+0.7814i	-1.7037-0.2496i	6.6169-8.6800i	-0.9818+1.6588i	-0.2241-1.1678i
34.1	-0.3809-0.3878i	2.6633+1.2604i	-7.3822+5.3529i	1.6281+0.6422i	-1.8647-0.1918i	6.7843-8.9060i	-0.7443+1.7456i	-0.2806-1.1495i
34.2	-0.4073-0.3310i	2.8229+0.9476i	-7.7808+5.8607i	1.7103+0.4535i	-2.0024-0.0646i	7.2048-9.2354i	-0.4876+1.8102i	-0.3090-1.1202i
34.3	-0.4065-0.2588i	2.9344+0.6430i	-8.3041+6.3781i	1.7833+0.3025i	-2.0970+0.0682i	7.8534-9.8045i	-0.4073+1.7536i	-0.2810-1.1371i
34.4	-0.3649-0.2377i	2.8866+0.4820i	-8.5684+7.4188i	1.7955+0.1895i	-2.1796+0.2256i	8.2336-10.8920i	-0.3931+1.7584i	-0.2582-1.2389i
34.5	-0.3361-0.2133i	2.8561+0.3346i	-8.7144+8.2971i	1.8128+0.1035i	-2.2374+0.3844i	8.3535-11.8394i	-0.3061+1.6539i	-0.2844-1.2733i
34.6	-0.2928-0.1889i	2.7535+0.1604i	-8.7552+9.2147i	1.7978+0.0095i	-2.2468+0.5094i	8.4477-12.8001i	-0.2949+1.5648i	-0.2905-1.3032i
34.7	-0.2229-0.2309i	2.6082+0.1554i	-8.5415+10.7414i	1.7892-0.0348i	-2.2378+0.6955i	8.3697-14.6091i	-0.2015+1.7522i	-0.3673-1.4665i
34.8	-0.1857-0.2983i	2.5408+0.2283i	-8.0483+11.9793i	1.8064-0.0620i	-2.2104+0.8408i	7.7836-16.2234i	-0.1583+1.8981i	-0.4408-1.6065i
34.9	-0.1726-0.3642i	2.4917+0.2983i	-7.0887+12.9837i	1.8052-0.0830i	-2.0990+1.0026i	6.7491-17.5107i	-0.2318+1.8837i	-0.5521-1.6959i
35.0	-0.1654-0.4660i	2.5052+0.5060i	-5.9437+14.4358i	1.8671-0.0426i	-2.0346+1.1663i	5.3854-19.4385i	-0.1654+2.1515i	-0.7383-1.9100i
35.1	-0.2213-0.5698i	2.6836+0.6779i	-4.4553+15.3246i	1.9809-0.0478i	-1.9239+1.2602i	3.5271-20.6997i	0.0698+2.2943i	-1.0432-2.0144i
35.2	-0.3173-0.7056i	2.9372+0.9279i	-2.3133+15.9206i	2.1254-0.0518i	-1.7664+1.3645i	0.7730-21.6253i	0.3932+2.4674i	-1.4102-2.0646i
35.3	-0.4295-0.7794i	3.1720+1.0833i	-0.6821+15.8612i	2.2233-0.0516i	-1.6587+1.3612i	-1.4866-21.7303i	0.6118+2.5481i	-1.6732-2.0577i
35.4	-0.6199-0.8678i	3.7200+1.1739i	1.6551+15.2608i	2.4591-0.1559i	-1.4920+1.3605i	-4.6487-21.2214i	0.9947+2.5455i	-2.1148-1.8586i
35.5	-0.7958-0.8550i	4.1955+1.0026i	3.0475+14.1519i	2.6380-0.3258i	-1.4383+1.3113i	-6.6827-19.8978i	1.2874+2.4386i	-2.4030-1.6208i
35.6	-1.0653-0.7993i	4.9382+0.7086i	4.5200+12.8398i	2.9593-0.5237i	-1.5182+1.2193i	-8.9153-18.0608i	1.7878+2.3912i	-2.7854-1.3540i
35.7	-1.2824-0.6546i	5.5133+0.1748i	5.2962+11.1925i	3.2215-0.8570i	-1.6715+1.2247i	-10.0970-15.8391i	2.2028+2.0669i	-3.0228-0.9354i
35.8	-1.4496-0.4874i	5.9533-0.4425i	5.4749+9.8302i	3.3921-1.2517i	-1.8117+1.3179i	-10.4750-14.1294i	2.4157+1.6799i	-3.1075-0.4980i
35.9	-1.5657-0.1909i	6.2220-1.5442i	5.2148+7.9787i	3.4223-1.9260i	-1.8802+1.5308i	-10.4175-11.6440i	2.5891+1.1091i	-3.1025+0.0883i
36.0	-1.5646+0.0508i	6.0982-2.4519i	4.5219+6.9549i	3.2642-2.4640i	-1.8866+1.7718i	-9.7266-10.2076i	2.5912+0.6685i	-2.9653+0.5147i
36.1	-1.5565+0.3397i	5.8127-3.4978i	3.6690+5.9507i	2.9645-3.0513i	-1.8420+2.0956i	-8.9209-8.7824i	2.4869+0.1998i	-2.6822+0.9560i
36.2	-1.4485+0.6549i	5.1314-4.5619i	2.7394+5.5602i	2.4295-3.6106i	-1.6304+2.4873i	-7.9094-7.9314i	2.1377-0.2568i	-2.2709+1.3011i
36.3	-1.2523+0.8743i	4.2024-5.2177i	2.0968+5.7346i	1.7982-3.8914i	-1.3367+2.7806i	-7.2228-7.8055i	1.7899-0.4606i	-1.8897+1.4252i
36.4	-1.0391+1.0266i	3.2494-5.5918i	1.6990+5.9855i	1.1743-4.0055i	-0.9390+2.9339i	-6.8636-7.7734i	1.4874-0.6015i	-1.5236+1.4838i
36.5	-0.7575+1.0995i	2.1722-5.5683i	1.4105+6.3895i	0.5331-3.8633i	-0.4689+2.9338i	-6.4363-7.9319i	1.1316-0.5452i	-1.1149+1.3488i
36.6	-0.5295+1.0622i	1.4242-5.2324i	1.4779+6.6923i	0.1430-3.5861i	-0.1489+2.7998i	-6.2815-8.0381i	0.8350-0.4640i	-0.8982+1.1735i
36.7	-0.3430+1.0019i	0.8175-4.8917i	1.6818+6.7711i	-0.1701-3.3368i	0.1365+2.6130i	-6.3703-7.9577i	0.6411-0.3336i	-0.7746+1.0035i
36.8	-0.1739+0.9320i	0.3423-4.5057i	1.7711+6.8084i	-0.3864-3.0620i	0.3355+2.3781i	-6.3385-7.7982i	0.5272-0.2496i	-0.6508+0.9092i
36.9	-0.0670+0.8115i	0.0628-4.1359i	1.8594+6.9116i	-0.4957-2.8776i	0.4501+2.2228i	-6.2597-7.9117i	0.4228-0.0459i	-0.6209+0.7762i
37.0	0.0051+0.6967i	-0.1382-3.8083i	1.9349+7.1335i	-0.6001-2.7627i	0.5038+2.1200i	-6.3932-8.2017i	0.4886+0.2023i	-0.6242+0.6710i
37.1	0.0495+0.6332i	-0.2642-3.5222i	2.0530+7.2079i	-0.6881-2.6014i	0.5521+2.0109i	-6.5787-8.0890i	0.5598+0.3225i	-0.5557+0.5596i

37.2	0.1033+0.5551i	-0.3706-3.2684i	2.2316+7.2278i	-0.7545-2.4611i	0.6173+1.8729i	-6.7366-7.8961i	0.6087+0.3915i	-0.5434+0.4798i
37.3	0.1493+0.4707i	-0.4348-3.0480i	2.4824+7.2874i	-0.8010-2.3513i	0.6549+1.7492i	-6.8681-7.7760i	0.6965+0.4093i	-0.5565+0.4487i
37.4	0.2044+0.3619i	-0.5398-2.8405i	2.7397+7.2448i	-0.8821-2.2717i	0.6581+1.6296i	-7.0348-7.5353i	0.7837+0.4439i	-0.5715+0.3765i
37.5	0.2111+0.2698i	-0.5755-2.6810i	3.0052+7.1070i	-0.9315-2.1963i	0.6724+1.5202i	-7.2147-7.3134i	0.9301+0.4331i	-0.5580+0.3376i
37.6	0.1720+0.1259i	-0.6640-2.4823i	3.4349+7.0035i	-1.0755-2.1264i	0.7095+1.4437i	-7.4893-7.1644i	1.1544+0.3613i	-0.6300+0.2822i
37.7	0.1052+0.0048i	-0.7482-2.3205i	3.8565+6.9659i	-1.2152-2.0711i	0.7461+1.3777i	-7.7383-7.1611i	1.1873+0.2587i	-0.6958+0.2502i
37.8	0.0149-0.0487i	-0.7441-2.1862i	4.1301+6.7744i	-1.3015-1.9787i	0.7417+1.3337i	-7.9764-7.0415i	1.1474+0.1223i	-0.7129+0.2017i
37.9	-0.0858-0.0720i	-0.7423-2.0381i	4.3088+6.3759i	-1.4067-1.8790i	0.7790+1.2767i	-8.2259-6.7801i	1.0898+0.0299i	-0.7771+0.2113i
38.0	-0.1749-0.0813i	-0.7338-1.8880i	4.3780+6.0073i	-1.5173-1.7535i	0.7911+1.1953i	-8.4463-6.3826i	1.1002-0.0582i	-0.8054+0.2219i
38.1	-0.1952-0.0809i	-0.7478-1.7740i	4.5104+5.8526i	-1.5659-1.6043i	0.8080+1.1629i	-8.6783-6.0442i	0.9362-0.1073i	-0.8047+0.2192i
38.2	-0.2353-0.0927i	-0.7900-1.6789i	4.7837+5.7051i	-1.6508-1.4744i	0.8438+1.1100i	-9.0315-5.7236i	0.8407-0.0846i	-0.8517+0.1901i
38.3	-0.3424-0.1013i	-0.7794-1.6023i	4.8974+5.3893i	-1.7458-1.3696i	0.8651+1.0410i	-9.1614-5.2806i	0.9166-0.0777i	-0.9280+0.2171i
38.4	-0.4029-0.1519i	-0.7970-1.4607i	5.2123+5.1023i	-1.7853-1.2602i	0.9020+0.9446i	-9.3650-4.8892i	0.8557-0.0270i	-0.9613+0.2343i
38.5	-0.5096-0.1537i	-0.7778-1.3215i	5.3642+4.7917i	-1.8542-1.1105i	0.8779+0.8183i	-9.4584-4.4764i	0.8824-0.0476i	-0.9873+0.2846i
38.6	-0.5878-0.0798i	-0.7759-1.2346i	5.4418+4.4857i	-1.9051-0.9240i	0.8592+0.7665i	-9.4928-4.0145i	0.8663-0.0667i	-1.0015+0.3240i
38.7	-0.6499-0.0013i	-0.7763-1.1863i	5.5354+4.1902i	-1.9391-0.7947i	0.8527+0.7612i	-9.5153-3.6747i	0.8820-0.0621i	-1.0693+0.3265i
38.8	-0.7321+0.0119i	-0.7543-1.0875i	5.6569+3.8658i	-1.9952-0.6853i	0.8140+0.6712i	-9.6294-3.2830i	0.9178-0.0773i	-1.1405+0.3884i
38.9	-0.8030+0.1627i	-0.7336-1.0368i	5.6678+3.4646i	-2.0332-0.4767i	0.7944+0.6653i	-9.6848-2.7661i	0.9869-0.1206i	-1.1976+0.4461i
39.0	-0.8208+0.2332i	-0.7359-0.9655i	5.6669+3.1439i	-2.0397-0.3358i	0.8005+0.6407i	-9.6708-2.3917i	0.9690-0.1307i	-1.2324+0.5017i
39.1	-0.8352+0.3364i	-0.7238-0.9048i	5.6246+2.8591i	-2.0317-0.1652i	0.7672+0.6214i	-9.6346-2.0002i	0.9808-0.1720i	-1.2090+0.5899i
39.2	-0.8608+0.4556i	-0.7084-0.8417i	5.5958+2.4551i	-2.0476+0.0240i	0.7451+0.5904i	-9.6714-1.4476i	1.0303-0.2149i	-1.2005+0.6772i
39.3	-0.8019+0.6018i	-0.6985-0.8184i	5.5610+2.1800i	-1.9611+0.2202i	0.7639+0.5714i	-9.6220-1.0505i	1.0629-0.2909i	-1.2065+0.7625i
39.4	-0.7473+0.7632i	-0.6643-0.7644i	5.3328+1.8028i	-1.8518+0.4799i	0.7308+0.5576i	-9.3172-0.3995i	1.0692-0.3814i	-1.1757+0.8581i
39.5	-0.7193+0.8740i	-0.6199-0.6989i	5.0990+1.4311i	-1.7537+0.6747i	0.6857+0.5405i	-8.9500+0.1526i	1.0097-0.4709i	-1.1000+0.9457i
39.6	-0.6006+0.9814i	-0.6017-0.6689i	4.8851+1.1996i	-1.5777+0.8215i	0.7134+0.5282i	-8.6053+0.4789i	0.9900-0.5152i	-1.0609+1.0148i
39.7	-0.5338+1.1213i	-0.5972-0.6779i	4.7665+1.0713i	-1.5051+0.9756i	0.7187+0.5681i	-8.5493+0.6495i	0.9997-0.5214i	-1.0833+1.0530i
39.8	-0.4315+1.2162i	-0.6166-0.6094i	4.7263+0.6776i	-1.3946+1.1857i	0.7352+0.5153i	-8.5077+1.3737i	0.9628-0.6196i	-1.0256+1.1927i
39.9	-0.2154+1.2885i	-0.5834-0.5262i	4.3326+0.3235i	-1.0433+1.3632i	0.7203+0.4720i	-7.7268+1.9939i	0.8617-0.6991i	-0.8955+1.2807i
40.0	-0.0215+1.3518i	-0.5580-0.5166i	3.9831+0.1962i	-0.7472+1.4398i	0.7352+0.4868i	-7.1058+2.2326i	0.7692-0.7021i	-0.8094+1.3040i
40.1	0.1368+1.2435i	-0.5446-0.4252i	3.7315-0.0526i	-0.5297+1.3754i	0.7831+0.3903i	-6.6269+2.5546i	0.6748-0.7071i	-0.7420+1.3430i
40.2	0.3032+1.1849i	-0.5251-0.4137i	3.4657-0.0522i	-0.3033+1.2956i	0.7957+0.3933i	-6.1975+2.5512i	0.6411-0.7291i	-0.6383+1.3230i
40.3	0.3983+1.1230i	-0.4877-0.3839i	3.1305-0.1030i	-0.1320+1.2344i	0.7625+0.3538i	-5.6240+2.5749i	0.5655-0.6953i	-0.5500+1.3309i
40.4	0.4955+1.0251i	-0.4277-0.3576i	2.7205-0.0668i	0.0601+1.1295i	0.7192+0.3198i	-4.9299+2.4791i	0.5058-0.6909i	-0.4375+1.3778i
40.5	0.5769+0.8947i	-0.4042-0.3522i	2.4642+0.0124i	0.1859+0.9703i	0.7269+0.2759i	-4.4593+2.3392i	0.4678-0.7080i	-0.3790+1.3171i
40.6	0.5610+0.7966i	-0.4055-0.3673i	2.3576+0.1716i	0.1753+0.8081i	0.7252+0.2476i	-4.2933+1.9113i	0.4895-0.5912i	-0.4185+1.1696i
40.7	0.5805+0.7132i	-0.4217-0.3435i	2.3449+0.3400i	0.1820+0.6852i	0.7177+0.2431i	-4.3587+1.5144i	0.4855-0.5366i	-0.3921+1.1448i
40.8	0.6870+0.6894i	-0.4366-0.3368i	2.3337+0.3867i	0.2671+0.6567i	0.7581+0.2456i	-4.5138+1.5834i	0.5068-0.5937i	-0.3786+1.2099i
40.9	0.7157+0.5675i	-0.4536-0.2709i	2.2739+0.2271i	0.2877+0.5997i	0.7628+0.1362i	-4.3258+1.9585i	0.4618-0.6062i	-0.3017+1.2996i
41.0	0.7275+0.4097i	-0.4851-0.2189i	2.1844+0.1791i	0.2860+0.4606i	0.7622+0.0738i	-4.0499+2.0766i	0.4592-0.5755i	-0.3008+1.2228i
41.1	0.7942+0.3191i	-0.4434-0.1969i	1.8897+0.2404i	0.4174+0.3627i	0.7186+0.1042i	-3.6345+2.0591i	0.4357-0.6502i	-0.2320+1.2358i
41.2	0.8274+0.2284i	-0.3972-0.1970i	1.6597+0.3208i	0.5170+0.2499i	0.7022+0.1199i	-3.2687+2.0822i	0.4028-0.6989i	-0.1268+1.2283i
41.3	0.6978+0.0740i	-0.3710-0.1681i	1.5884+0.4598i	0.4164+0.0714i	0.6703+0.0713i	-2.8331+1.8125i	0.3242-0.6620i	-0.0557+1.1119i
41.4	0.5508+0.0455i	-0.3436-0.1155i	1.4494+0.4952i	0.2711+0.0422i	0.6327+0.0530i	-2.4607+1.4230i	0.3466-0.5968i	-0.1488+1.0426i
41.5	0.5348+0.0991i	-0.3206-0.0933i	1.4186+0.4811i	0.2574+0.1141i	0.6217+0.0378i	-2.6104+1.3128i	0.3375-0.5651i	-0.1392+1.0278i
41.6	0.5889+0.0073i	-0.2968-0.1328i	1.2904+0.7141i	0.3355-0.0396i	0.6251+0.0533i	-2.5027+1.1426i	0.3249-0.6262i	-0.0558+1.0157i
41.7	0.5757-0.0162i	-0.3080-0.1572i	1.2657+0.8698i	0.3026-0.1004i	0.6347+0.0712i	-2.4937+0.9123i	0.3744-0.6494i	-0.1383+1.0360i
41.8	0.5723+0.0370i	-0.2954-0.1347i	1.1234+0.9721i	0.3121-0.0580i	0.6292+0.0885i	-2.4202+0.6488i	0.4318-0.6222i	-0.1759+1.0452i
41.9	0.5861+0.0277i	-0.2539-0.1313i	1.1222+1.2558i	0.3345-0.1058i	0.6247+0.1142i	-2.5187+0.2428i	0.4694-0.6939i	-0.1914+1.0814i
42.0	0.4576-0.0113i	-0.2831-0.0760i	1.3616+1.1226i	0.1270-0.0827i	0.6450+0.0119i	-2.7003+0.3617i	0.4689-0.6672i	-0.2883+1.1082i
42.1	0.5359+0.0006i	-0.2405-0.0837i	1.1604+1.1603i	0.2477-0.0596i	0.5589+0.0245i	-2.5657+0.4996i	0.4875-0.8161i	-0.1939+1.2085i
42.2	0.5235-0.0405i	-0.2422-0.0749i	1.2194+1.1439i	0.2003-0.0913i	0.5725-0.0245i	-2.6340+0.5338i	0.4411-0.8132i	-0.1947+1.1922i
42.3	0.3702-0.1808i	-0.3292-0.0415i	1.6320+1.0251i	-0.0574-0.1758i	0.6710-0.1422i	-2.8077+0.8390i	0.2609-0.7844i	-0.1404+1.1784i
42.4	0.3411-0.1737i	-0.3274+0.0188i	1.5890+0.8355i	-0.0742-0.0757i	0.6449-0.2052i	-2.6503+1.1267i	0.2264-0.7298i	-0.1024+1.2674i
42.5	0.2368-0.0704i	-0.2466+0.1118i	1.3244+0.4536i	-0.0726+0.1282i	0.4829-0.2909i	-2.1189+1.2478i	0.2472-0.5779i	-0.0854+1.2104i
42.6	0.1148-0.0500i	-0.2410+0.1395i	1.2584+0.3572i	-0.1734+0.1465i	0.4501-0.3243i	-1.6963+1.0935i	0.2358-0.4171i	-0.0920+1.0084i
42.7	0.2590-0.1933i	-0.2222+0.0286i	1.2564+0.9864i	-0.0129-0.1416i	0.4908-0.1417i	-1.8687+0.7176i	0.1393-0.6167i	0.0821+0.9748i
42.8	0.3442-0.2523i	-0.2175+0.0064i	1.2034+1.3232i	0.0788-0.2350i	0.4970-0.0508i	-1.9751+0.4606i	0.1040-0.7228i	0.1061+0.9968i
42.9	0.3270-0.3025i	-0.2052+0.0545i	1.2279+1.3381i	0.0664-0.2228i	0.4723-0.1319i	-2.0262+0.5387i	0.2491-0.8359i	-0.0006+1.2283i
43.0	0.2609-0.2558i	-0.1500+0.0953i	1.0791+1.1618i	0.0788-0.1217i	0.3466-0.1979i	-1.6819+0.6730i	0.2264-0.9363i	0.1293+1.3604i
43.1	0.2476-0.1529i	-0.1216+0.0798i	0.7903+1.1575i	0.1127-0.0590i	0.2839-0.1288i	-1.2664+0.4000i	0.2659-0.8825i	0.0521+1.2345i
43.2	0.2032-0.1112i	-0.1480+0.0926i	0.7416+1.1070i	0.0294-0.0389i	0.3427-0.1201i	-1.0961+0.1040i	0.3123-0.6770i	-0.2093+1.0954i
43.3	0.1921-0.1749i	-0.1966+0.0825i	0.9397+1.3506i	-0.0422-0.1629i	0.4380-0.0553i	-1.2800-0.2431i	0.2403-0.6550i	-0.2334+0.9902i
43.4	0.2459-0.2679i	-0.2025+0.0946i	1.0894+1.5808i	-0.0330-0.2780i	0.5446-0.0201i	-1.6309-0.3488i	0.1905-0.7893i	-0.2850+1.0705i

43.5	0.1843−0.2256i	−0.1509+0.1600i	0.9842+1.4173i	−0.1057−0.1214i	0.5141−0.2282i	−1.6083−0.3261i	0.3285−0.8541i	−0.3666+1.4715i
43.6	0.1876−0.2764i	−0.1146+0.1703i	1.1076+1.6591i	−0.0416−0.1113i	0.3821−0.3030i	−1.9187−0.4414i	0.2650−1.1376i	0.0840+1.9209i
43.7	0.0037−0.3152i	−0.1434+0.1674i	1.4015+1.3801i	−0.2269−0.1650i	0.3715−0.2949i	−1.7146−0.0403i	0.0071−0.9850i	0.2557+1.5864i
43.8	−0.0079−0.3636i	−0.1117+0.1435i	1.4331+1.5750i	−0.1949−0.2885i	0.3606−0.1398i	−1.5137−0.2745i	−0.1799−1.0460i	0.3934+1.2898i
43.9	0.0855−0.2565i	−0.0747+0.2162i	1.2824+1.7353i	−0.0986−0.0973i	0.3169−0.2188i	−1.8487−0.7219i	−0.0554−1.2122i	0.3813+1.7398i
44.0	0.1159−0.2497i	−0.0138+0.2806i	1.1887+1.6808i	−0.0245−0.0080i	0.2457−0.3291i	−1.9666−0.5329i	−0.0796−1.2262i	0.5487+1.9893i
44.1	0.0679−0.3191i	0.0498+0.2711i	1.1986+1.7617i	0.0092−0.0823i	0.1349−0.3272i	−1.6678−0.4446i	−0.2061−1.2644i	0.8896+1.9580i
44.2	−0.0406−0.4133i	0.0747+0.2058i	1.5090+1.9605i	−0.0719−0.2633i	0.1579−0.1646i	−1.6865−0.7363i	−0.4771−1.2613i	1.0834+1.6368i
44.3	−0.2719−0.4484i	0.0486+0.0638i	2.0178+1.6180i	−0.3886−0.3917i	0.4081−0.1671i	−1.9782−0.3544i	−0.7448−0.9216i	0.8550+1.2153i
44.4	−0.3157−0.3489i	0.0465−0.0011i	2.0219+1.4776i	−0.3682−0.3165i	0.2395−0.1857i	−2.0771−0.0970i	−0.8796−0.7969i	1.2334+1.0025i
44.5	−0.2593−0.2838i	0.0142+0.0541i	1.8600+1.6125i	−0.2506−0.2444i	0.0303−0.1052i	−1.8272−0.1539i	−0.8436−0.8458i	1.5060+0.8466i
44.6	−0.2911−0.2009i	0.0198+0.2137i	1.8926+1.6443i	−0.3224−0.0919i	0.1042−0.1165i	−1.6555−0.7182i	−0.7378−0.8412i	1.2454+1.0148i
44.7	−0.3220−0.1935i	0.1365+0.1702i	2.1737+1.5201i	−0.2968−0.0844i	0.1295−0.0995i	−2.2019−0.6167i	−0.9591−0.8207i	1.5312+0.9287i
44.8	−0.2840−0.0640i	0.0858+0.0379i	1.8976+1.2659i	−0.2365−0.0660i	0.0746−0.0212i	−1.8427−0.3881i	−0.9359−0.5961i	1.2997+0.4526i
44.9	−0.3411+0.0504i	−0.1256+0.0934i	1.7633+1.0983i	−0.4661+0.0630i	0.2440−0.1501i	−1.3129−0.6782i	−0.6871−0.3906i	0.6189+0.6633i
45.0	−0.3477+0.0430i	−0.1025+0.1438i	2.0593+1.0550i	−0.4923+0.0646i	0.2883−0.1272i	−1.8628−0.6574i	−0.8013−0.3244i	0.6564+0.6733i
45.1	−0.1877+0.1099i	−0.0001+0.2248i	1.9763+0.9694i	−0.2363+0.1852i	0.0933−0.1624i	−2.3847−0.4152i	−0.8478−0.3514i	1.1897+0.6728i
45.2	−0.1243+0.1417i	−0.0332+0.2343i	1.6688+0.9004i	−0.2158+0.2269i	0.1059−0.2136i	−1.9313−0.3990i	−0.6749−0.2822i	0.9789+0.6659i
45.3	−0.1204+0.0915i	−0.0038+0.2936i	1.8168+0.9367i	−0.2026+0.1738i	0.0664−0.0614i	−1.9873−0.4060i	−0.7254−0.2183i	1.0618+0.4296i
45.4	−0.0881−0.0097i	0.1176+0.2825i	1.8361+0.9820i	−0.0786+0.0389i	−0.0113+0.1287i	−2.0295−0.1746i	−0.8016−0.2366i	1.1472+0.0408i
45.5	−0.0739+0.0891i	0.0816+0.2811i	1.5014+0.9862i	−0.1101+0.1637i	0.0881−0.0205i	−1.5477−0.6302i	−0.5868−0.1935i	0.7988+0.3803i
45.6	−0.1668+0.0157i	0.0926+0.2087i	1.6913+1.1547i	−0.2351+0.0390i	0.2131+0.0256i	−1.4398−0.8049i	−0.6619−0.1931i	0.5465+0.3820i
45.7	−0.1822−0.0030i	0.1241+0.1971i	1.9018+1.1407i	−0.2338−0.0090i	0.2198+0.0946i	−1.9216−0.9202i	−0.7742−0.1042i	0.6337+0.2658i
45.8	−0.1328+0.1001i	0.0585+0.2557i	1.7998+1.1149i	−0.2046+0.1618i	0.0769−0.0609i	−2.1690−1.2333i	−0.6341−0.1398i	0.8263+0.5414i
45.9	−0.1543+0.1807i	−0.0339+0.4531i	1.8607+0.9566i	−0.2721+0.3561i	0.0041−0.0794i	−2.4442−1.3563i	−0.5974−0.1562i	0.8617+0.7834i
46.0	−0.0557+0.2100i	0.1794+0.6041i	1.6889+0.9096i	−0.0951+0.4730i	0.0395−0.0442i	−2.6814−1.0178i	−0.5115−0.1423i	0.9698+0.9087i
46.1	−0.1169+0.1533i	0.4192+0.3844i	1.8395+0.8083i	−0.0398+0.3230i	0.1826+0.0394i	−2.4821−0.3546i	−0.6099−0.0385i	0.9588+0.5080i
46.2	−0.0985+0.2147i	0.3644+0.1893i	1.6279+0.6629i	−0.0061+0.2844i	0.2100+0.0417i	−1.8715−0.2384i	−0.5484+0.0434i	0.7354+0.2255i
46.3	−0.0152+0.1295i	0.3734+0.3006i	1.6008+1.0475i	0.0627+0.2247i	0.2275−0.0117i	−2.1283−0.9581i	−0.4911−0.0894i	0.7458+0.5964i
46.4	−0.0514+0.1777i	0.4010+0.2287i	1.8109+0.9648i	0.0084+0.2428i	0.2621−0.1474i	−2.5479−0.8594i	−0.5051−0.0393i	0.9163+0.6616i
46.5	−0.0648+0.2056i	0.3296+0.1375i	1.9508+0.7467i	−0.0372+0.2379i	0.1760−0.1951i	−2.4663−0.4677i	−0.4703+0.0362i	1.0633+0.4734i
46.6	−0.0856+0.2486i	0.2277+0.1262i	1.8550+0.5851i	−0.1109+0.2667i	0.1727−0.1945i	−2.0445−0.5472i	−0.4443+0.0976i	0.7992+0.4723i
46.7	0.0057+0.2627i	0.2721+0.2451i	1.6602+0.5750i	−0.0110+0.3456i	0.0946−0.1249i	−2.1344−0.7172i	−0.3984+0.0382i	0.8613+0.5064i
46.8	0.0363+0.2369i	0.3382+0.1769i	1.5698+0.6370i	0.0366+0.3103i	0.1178−0.1237i	−2.1668−0.7138i	−0.3752+0.0656i	0.8600+0.5144i
46.9	0.0731+0.2084i	0.2195+0.1825i	1.6449+0.7065i	0.0315+0.2932i	0.0065−0.1104i	−2.2970−0.7728i	−0.3483−0.0005i	0.9143+0.4460i
47.0	0.1160+0.2145i	0.2572+0.3555i	1.5006+0.5769i	0.0997+0.3869i	−0.0600−0.0154i	−2.3322−0.6436i	−0.3187−0.0586i	0.9851+0.3554i
47.1	0.0996+0.2668i	0.4723+0.4800i	1.3456+0.6956i	0.1432+0.4765i	0.1956+0.0788i	−1.9953−1.1284i	−0.2863−0.0203i	0.7251+0.6037i
47.2	0.1206+0.2856i	0.6637+0.2135i	1.4936+0.7333i	0.2430+0.4255i	0.2809−0.1415i	−2.4298−1.3820i	−0.3060+0.0639i	0.9644+0.7832i
47.3	0.1300+0.3083i	0.7730−0.0586i	1.4926+0.7402i	0.3304+0.3615i	0.2491−0.2526i	−2.7080−1.3151i	−0.3768−0.0086i	1.1309+0.5685i
47.4	0.2014+0.3127i	0.5122−0.3647i	1.4569+0.8927i	0.3494+0.2582i	0.1026−0.4275i	−2.8423−1.2619i	−0.3570−0.0493i	1.1137+0.4827i
47.5	0.2901+0.2790i	0.0202−0.3772i	1.6001+1.1248i	0.2925+0.1635i	−0.1648−0.3849i	−2.9944−1.3834i	−0.4408−0.0276i	0.9698+0.4858i
47.6	0.2650+0.1715i	−0.0947−0.0229i	2.0854+1.0376i	0.2039+0.1434i	−0.2348−0.1735i	−3.5773−1.1422i	−0.5156+0.0615i	1.1101+0.5728i
47.7	0.2559+0.1574i	0.0423+0.1339i	2.1570+0.6030i	0.2175+0.2059i	−0.2080−0.0896i	−3.7952−0.4070i	−0.4733+0.1342i	1.2258+0.3868i
47.8	0.2817+0.1176i	−0.0144+0.1938i	2.0457+0.6476i	0.2195+0.2069i	−0.2468−0.0581i	−3.4708−0.4726i	−0.3594+0.1437i	1.2554+0.4608i
47.9	0.2332+0.0574i	0.1061+0.3654i	2.1598+0.4675i	0.2256+0.2147i	−0.2365+0.1059i	−3.5796−0.1128i	−0.4219+0.1049i	1.3163+0.2712i
48.0	0.2079+0.0866i	0.2574+0.3962i	2.1311+0.1818i	0.2611+0.2506i	−0.1679+0.1768i	−3.6660+0.3047i	−0.3854+0.1085i	1.4516+0.0412i
48.1	0.2592+0.1639i	0.4134+0.3238i	1.8553−0.1545i	0.3492+0.2923i	−0.0454+0.1914i	−3.3296+0.8806i	−0.2941+0.1334i	1.3961−0.2041i
48.2	0.2659+0.1295i	0.3570+0.2001i	1.5380−0.0614i	0.3585+0.2122i	0.0057+0.2178i	−2.3395+0.8156i	−0.1960+0.2176i	1.1156−0.2197i
48.3	0.2863+0.0955i	0.3187+0.2941i	1.4016+0.1171i	0.3729+0.2115i	0.0060+0.1987i	−2.1016+0.2186i	−0.0745+0.1658i	1.0701−0.0121i
48.4	0.3474+0.0696i	0.2958+0.1678i	1.3729+0.2788i	0.4263+0.1560i	−0.0160+0.0851i	−2.3231−0.0829i	−0.1319+0.0438i	1.0480+0.0242i
48.5	0.3074+0.0122i	0.2188+0.2621i	1.5877+0.4257i	0.3807+0.1237i	−0.0396+0.1445i	−2.6251−0.3177i	−0.2162+0.0201i	1.0525+0.0933i
48.6	0.2659−0.0473i	0.2865+0.3164i	1.6856+0.1931i	0.4041+0.0843i	−0.0414+0.2227i	−2.7965+0.1900i	−0.3609+0.1287i	1.0319−0.0858i
48.7	0.2588−0.0281i	0.3359+0.3334i	1.5651+0.0501i	0.4263+0.0872i	−0.0084+0.2546i	−2.6540+0.3343i	−0.3441+0.1261i	0.9670−0.1640i
48.8	0.2483+0.0055i	0.4094+0.2878i	1.6046−0.0735i	0.4415+0.0634i	0.0657+0.2611i	−2.8436+0.4599i	−0.2061+0.2118i	1.1454−0.1470i
48.9	0.2852+0.0235i	0.4192+0.2181i	1.4554−0.2338i	0.4786+0.0246i	0.1031+0.2075i	−2.6606+0.7454i	−0.1717+0.1820i	1.0870−0.2687i
49.0	0.3337−0.0366i	0.3096+0.2899i	1.2435−0.0189i	0.4478−0.0335i	0.0506+0.2649i	−2.3445+0.3528i	−0.2804+0.1011i	0.8339−0.1952i
49.1	0.3105−0.1245i	0.3769+0.3940i	1.3171+0.0704i	0.4295−0.0567i	0.0785+0.3258i	−2.4979+0.4163i	−0.2411+0.1283i	0.9346−0.1556i
49.2	0.2871−0.1283i	0.4345+0.3542i	1.1622+0.0148i	0.4180−0.0688i	0.1574+0.2858i	−2.1920+0.3672i	−0.1598+0.1935i	0.8508−0.1307i
49.3	0.2887−0.1536i	0.5241+0.3089i	1.0597+0.0995i	0.4586−0.1016i	0.2431+0.2429i	−2.0942+0.2549i	−0.2043+0.1796i	0.7477−0.1210i
49.4	0.2174−0.1576i	0.5357+0.2321i	1.1305+0.1094i	0.4386−0.1707i	0.2603+0.2321i	−2.1476+0.2109i	−0.2057+0.2093i	0.7337−0.0867i
49.5	0.1827−0.1431i	0.4570+0.2254i	1.1223+0.0184i	0.3640−0.2090i	0.1645+0.2608i	−2.0569+0.4293i	−0.1215+0.1973i	0.7985−0.1973i
49.6	0.2248−0.2038i	0.3730+0.3540i	0.8663+0.2125i	0.3535−0.2044i	0.1139+0.2742i	−1.6911+0.1546i	−0.1306+0.1120i	0.6040−0.1197i
49.7	0.1926−0.2351i	0.3707+0.4146i	0.9281+0.5640i	0.3142−0.2235i	0.1286+0.2716i	−1.8787−0.5248i	−0.1376+0.1031i	0.6352+0.1645i

49.8	0.1223−0.2442i	0.4838+0.6127i	1.2679+0.6032i	0.2845−0.1831i	0.1300+0.4020i	−2.4606−0.6022i	−0.1847+0.0839i	0.8727+0.2194i
49.9	0.1024−0.1597i	0.7354+0.5690i	1.5141+0.2224i	0.3004−0.1422i	0.2857+0.3777i	−3.0341−0.0233i	−0.1892+0.1601i	1.1387+0.0101i
50.0	0.1356−0.1102i	0.8111+0.4571i	1.2765+0.0278i	0.3223−0.1265i	0.3793+0.3500i	−2.6466+0.1910i	−0.1788+0.2174i	0.9852−0.1211i
50.1	0.1226−0.1471i	1.0087+0.3701i	1.1539+0.1732i	0.3752−0.1725i	0.4976+0.3063i	−2.5681+0.0057i	−0.1888+0.2146i	0.9409−0.0404i
50.2	0.1393−0.1459i	1.0153+0.1606i	1.0552+0.1453i	0.3761−0.2438i	0.5238+0.1471i	−2.5461+0.1344i	−0.1279+0.2076i	0.9122−0.1057i
50.3	0.1470−0.2058i	0.7767+0.1459i	0.9903+0.3524i	0.3168−0.3020i	0.3193+0.0953i	−2.4686+0.0714i	−0.1607+0.1991i	0.8661−0.0256i
50.4	0.1447−0.2301i	0.7266+0.2531i	1.0658+0.4553i	0.2681−0.2860i	0.2988+0.1633i	−2.5523+0.0296i	−0.1104+0.1625i	0.9022−0.0209i
50.5	0.0525−0.2168i	0.9957+0.3419i	1.3248+0.4715i	0.2398−0.2436i	0.4513+0.2996i	−2.8066−0.1137i	−0.1258+0.1712i	1.0818+0.0065i
50.6	0.0105−0.1681i	1.1685+0.2278i	1.4725+0.3143i	0.2502−0.2128i	0.5682+0.3147i	−3.0817+0.1287i	−0.1407+0.1796i	1.1988−0.1439i
50.7	−0.0180−0.1228i	1.3128−0.0648i	1.4153−0.0056i	0.2857−0.2531i	0.7007+0.1847i	−2.8116+0.8342i	−0.1266+0.2102i	1.0824−0.4431i
50.8	−0.0127−0.1096i	1.1236−0.1433i	1.1739−0.0246i	0.2501−0.2573i	0.6048+0.0661i	−2.3255+0.7355i	−0.0432+0.1844i	0.9004−0.4399i
50.9	−0.0201−0.1106i	1.1691−0.0646i	1.2140+0.1609i	0.2656−0.2476i	0.5745+0.0993i	−2.5797+0.3259i	−0.0599+0.1580i	0.9670−0.2773i
51.0	0.0242−0.0945i	1.2169−0.3186i	1.2420+0.0380i	0.3010−0.3163i	0.6356−0.0291i	−2.7203+0.7626i	−0.1419+0.1894i	0.9622−0.4334i
51.1	0.0757−0.0909i	0.8971−0.4573i	0.9959+0.0854i	0.2443−0.3335i	0.4598−0.1918i	−2.2921+0.6256i	−0.0276+0.1453i	0.8127−0.4025i
51.2	0.0507−0.0861i	0.7907−0.2591i	1.1099+0.1879i	0.1833−0.3239i	0.3859−0.0404i	−2.4856+0.4316i	−0.0134+0.1590i	0.8748−0.3292i
51.3	0.0563−0.0754i	0.8833−0.1968i	1.1239+0.0118i	0.1638−0.2874i	0.4830+0.0172i	−2.4369+0.8407i	0.0119+0.1590i	0.8343−0.4379i
51.4	0.0768−0.1022i	1.0410−0.2482i	0.8593+0.0669i	0.2203−0.2883i	0.5955−0.0750i	−1.9374+0.6439i	0.0281+0.1069i	0.6938−0.3605i
51.5	0.0623−0.0994i	1.1186−0.4143i	0.9302+0.2805i	0.2443−0.3319i	0.6351−0.2010i	−2.2147+0.1894i	0.0218+0.0974i	0.8416−0.2461i
51.6	0.0549−0.1029i	1.0204−0.5159i	1.0328+0.3844i	0.2157−0.3599i	0.5356−0.2423i	−2.4559+0.0896i	0.0106+0.0740i	0.9471−0.2382i
51.7	0.0529−0.0691i	0.8380−0.6806i	1.2092+0.3642i	0.1581−0.3912i	0.3950−0.2770i	−2.7793+0.2189i	−0.0148+0.1123i	1.0423−0.3302i
51.8	0.0682−0.0511i	0.6907−0.7072i	1.3533+0.2513i	0.1092−0.3988i	0.3362−0.2167i	−3.0316+0.5500i	−0.0487+0.1347i	1.0651−0.4930i
51.9	0.1088−0.0694i	0.7589−0.4956i	1.3347+0.1459i	0.1466−0.3560i	0.4641−0.0345i	−3.0035+0.7713i	−0.0177+0.1841i	1.0260−0.5412i
52.0	0.1180−0.1105i	0.3799−0.4154i	1.0502+0.1231i	0.0636−0.3453i	0.2286−0.0538i	−2.2503+0.7068i	−0.0337+0.0881i	0.7076−0.4693i
52.1	0.1089−0.1336i	0.4001+0.0904i	1.0292+0.3442i	0.0411−0.2381i	0.2113+0.2420i	−2.3759+0.1097i	−0.0237+0.1246i	0.7500−0.1834i
52.2	0.0786−0.1252i	1.1076−0.0782i	1.3420+0.3379i	0.1683−0.2762i	0.6746+0.1592i	−3.2071+0.3753i	0.0644+0.1583i	1.1108−0.3273i
52.3	0.1030−0.1291i	0.9220−0.4786i	1.3636+0.1568i	0.1216−0.3533i	0.5468−0.1199i	−3.1450+0.9123i	0.0731+0.0686i	1.0566−0.5592i
52.4	0.1163−0.1526i	0.7370−0.3447i	1.2581+0.1271i	0.0656−0.3260i	0.4925−0.0181i	−2.7356+0.8694i	0.0233+0.0980i	0.8717−0.5026i
52.5	0.0449−0.1594i	1.1310−0.2977i	1.3384+0.2380i	0.1411−0.3023i	0.6835+0.0667i	−2.8842+0.6219i	−0.0317+0.1056i	1.0212−0.3874i
52.6	−0.0132−0.1011i	1.4430−0.7907i	1.6103+0.0981i	0.1802−0.4121i	0.9396−0.1627i	−3.3246+1.0097i	−0.0231+0.1811i	1.2236−0.6024i
52.7	0.0430−0.0792i	1.1035−1.1947i	1.5413−0.2177i	0.1084−0.4665i	0.7693−0.5126i	−3.1749+1.6593i	0.0531+0.1075i	1.1032−0.8837i
52.8	0.0991−0.1190i	0.5117−1.1016i	1.2279−0.2019i	−0.0123−0.4383i	0.4224−0.5447i	−2.5209+1.4927i	0.0671+0.0688i	0.8366−0.8177i
52.9	0.0303−0.1025i	0.5037−0.9587i	1.1538−0.1113i	−0.0231−0.4105i	0.3836−0.4516i	−2.3550+1.2026i	0.0249+0.0893i	0.7784−0.6928i
53.0	0.0568−0.0250i	0.3482−1.1669i	1.2976−0.0096i	−0.0730−0.4573i	0.2960−0.5574i	−2.8207+0.9454i	0.0085+0.0952i	0.8781−0.7301i
53.1	0.1267−0.0367i	0.0343−0.9589i	1.2829−0.0689i	−0.1385−0.3883i	0.1115−0.4162i	−2.9215+1.0561i	0.0693+0.1182i	0.8623−0.7547i
53.2	0.1893−0.1422i	0.0367−0.3683i	1.3444−0.0413i	−0.1330−0.2682i	0.1756−0.0810i	−3.2550+1.2049i	0.1276+0.0795i	0.9218−0.7175i
53.3	0.1267−0.2301i	0.5427−0.1857i	1.5096−0.1725i	−0.0494−0.2352i	0.4886−0.0425i	−3.3826+1.7636i	0.1424+0.0343i	0.9675−0.8213i
53.4	0.0360−0.1739i	0.7953−0.7719i	1.4189−0.5520i	−0.0133−0.3160i	0.7131−0.3966i	−3.0153+2.5229i	0.1233+0.0236i	0.8633−1.1091i
53.5	0.0614−0.1115i	0.3245−1.0164i	1.0511−0.5727i	−0.0887−0.3456i	0.3563−0.5716i	−2.1766+2.4062i	0.0687−0.0027i	0.6126−1.0301i
53.6	0.1536−0.1056i	−0.1097−0.8110i	0.9672−0.3330i	−0.1805−0.3049i	0.0720−0.5107i	−2.1703+1.7830i	0.1262−0.0016i	0.6177−0.8564i
53.7	0.1629−0.1986i	0.1056−0.1813i	1.1633−0.2503i	−0.1379−0.1700i	0.2333−0.0593i	−2.5792+1.7475i	0.1328+0.0068i	0.7433−0.8042i
53.8	0.0182−0.2325i	0.9169−0.1253i	1.2541−0.3535i	0.0249−0.1274i	0.6861−0.0154i	−2.5568+2.0210i	0.0864+0.0111i	0.8236−0.7931i
53.9	0.0549−0.1641i	0.9425−0.7397i	1.2370−0.4337i	0.0543−0.2687i	0.7742−0.4324i	−2.7805+2.0900i	0.1496+0.0466i	0.9665−0.8951i
54.0	0.0641−0.1537i	0.7692−1.1942i	1.2239−0.5461i	0.0051−0.3804i	0.6897−0.7565i	−2.7443+2.5379i	0.1675+0.0360i	0.9522−1.1147i
54.1	0.0357−0.1323i	0.3693−1.4216i	1.1595−0.6671i	−0.1032−0.4084i	0.4001−0.9252i	−2.3156+2.9605i	0.0905−0.0282i	0.7618−1.3407i
54.2	0.0334−0.1596i	0.0567−1.1339i	0.9836−0.7724i	−0.1663−0.3328i	0.1662−0.7872i	−1.7947+3.1117i	0.0604−0.0636i	0.4687−1.3455i
54.3	0.0534−0.1443i	−0.0082−0.9919i	0.8676−0.6534i	−0.1786−0.2986i	0.1342−0.7107i	−1.6699+2.6784i	0.0934−0.0379i	0.4312−1.1634i
54.4	0.0867−0.1682i	−0.0827−0.9231i	0.8795−0.6866i	−0.2038−0.2714i	0.1069−0.7006i	−1.8889+2.8024i	0.1318−0.0448i	0.5077−1.2182i
54.5	0.1040−0.2002i	−0.1823−0.8266i	0.7307−0.7970i	−0.1977−0.2257i	−0.0187−0.7095i	−1.4971+3.1492i	0.1282−0.1319i	0.3269−1.3083i
54.6	0.0995−0.1587i	−0.2577−0.8789i	0.6503−0.8316i	−0.2077−0.2233i	−0.0489−0.7017i	−1.1501+3.1094i	0.1436−0.0731i	0.2536−1.3223i
54.7	0.0916−0.1641i	−0.2702−0.7598i	0.4932−0.7782i	−0.1911−0.1809i	−0.0927−0.6318i	−0.7253+2.9583i	0.1395−0.0980i	0.1106−1.2463i
54.8	0.0729−0.1662i	−0.2331−0.6059i	0.4336−0.6037i	−0.1632−0.1638i	−0.0981−0.4717i	−0.4719+2.4327i	0.0678−0.0105i	0.0808−1.0019i
54.9	0.0723−0.1552i	−0.1302−0.6594i	0.5189−0.5013i	−0.1354−0.1881i	−0.1297−0.5193i	−0.6078+2.2681i	−0.0674+0.0076i	0.0884−0.9791i
55.0	0.1101−0.2062i	−0.1748−0.6798i	0.5153−0.5967i	−0.1480−0.2147i	−0.0946−0.5725i	−0.7227+2.4714i	0.0512−0.0681i	0.1398−1.1628i
55.1	0.0960−0.2661i	−0.1705−0.5792i	0.4753−0.5534i	−0.1464−0.2021i	−0.1185−0.4688i	−0.6599+2.4061i	0.0380−0.1208i	0.0973−1.1458i
55.2	0.0708−0.2611i	−0.1719−0.5502i	0.4463−0.5200i	−0.1553−0.1837i	−0.1205−0.4142i	−0.5886+2.3423i	−0.0227−0.0603i	0.0562−1.0914i
55.3	0.0656−0.2482i	−0.2666−0.5211i	0.3746−0.5323i	−0.1785−0.1761i	−0.1535−0.3903i	−0.4091+2.2153i	0.0794+0.0386i	0.0146−1.0284i
55.4	0.0419−0.2526i	−0.2671−0.4825i	0.3040−0.5050i	−0.1775−0.1749i	−0.2149−0.3595i	−0.1589+2.1147i	−0.0239−0.0571i	−0.1164−0.9761i
55.5	0.0345−0.2529i	−0.2081−0.4175i	0.2675−0.4425i	−0.1703−0.1540i	−0.1581−0.3380i	−0.1760+1.9284i	−0.0152−0.0639i	−0.0829−0.8905i
55.6	0.0285−0.2405i	−0.1563−0.5019i	0.3396−0.4203i	−0.1522−0.1720i	−0.1426−0.3362i	−0.3488+1.8832i	0.0160−0.0394i	0.0348−0.9366i
55.7	0.0202−0.2835i	−0.2160−0.4260i	0.3254−0.4054i	−0.1782−0.1516i	−0.2111−0.3295i	−0.3986+1.9555i	0.0277−0.1083i	−0.0475−0.9587i
55.8	−0.0062−0.3043i	−0.2193−0.3295i	0.2565−0.3631i	−0.1851−0.1214i	−0.2279−0.3343i	−0.2768+1.9333i	0.0019−0.1486i	−0.1134−0.9364i
55.9	−0.0306−0.2644i	−0.2020−0.3600i	0.2223−0.3517i	−0.1670−0.1402i	−0.1426−0.2665i	−0.0606+1.7819i	0.0215−0.0694i	−0.1424−0.9097i
56.0	−0.0223−0.2381i	−0.2196−0.3394i	0.2036−0.3331i	−0.1706−0.1376i	−0.1539−0.2152i	−0.0192+1.6337i	−0.0537−0.0130i	−0.1646−0.7906i

56.1	0.0031-0.2370i	-0.1915-0.3732i	0.2399-0.2646i	-0.1827-0.1282i	-0.1317-0.3053i	-0.2846+1.5092i	-0.0057-0.0914i	-0.0912-0.7898i
56.2	-0.0212-0.2531i	-0.1750-0.3906i	0.2641-0.2772i	-0.1828-0.1319i	-0.1021-0.2599i	-0.3218+1.5562i	0.0215-0.1159i	-0.0961-0.8627i
56.3	-0.0457-0.2559i	-0.1963-0.3258i	0.2294-0.2738i	-0.1729-0.0958i	-0.1125-0.2219i	-0.1716+1.6401i	0.0076-0.1382i	-0.1091-0.8891i
56.4	-0.0658-0.2380i	-0.1559-0.3440i	0.2102-0.2413i	-0.1536-0.1038i	-0.0910-0.2176i	-0.0562+1.5743i	-0.0121-0.1454i	-0.1217-0.8939i
56.5	-0.0602-0.2381i	-0.1830-0.2890i	0.1848-0.2108i	-0.1705-0.0872i	-0.1210-0.2201i	-0.0594+1.4803i	-0.0432-0.1737i	-0.2023-0.8318i
56.6	-0.0771-0.2541i	-0.1670-0.2530i	0.1838-0.2058i	-0.1626-0.0811i	-0.1781-0.2121i	-0.0024+1.4624i	-0.0983-0.1877i	-0.2274-0.7785i
56.7	-0.0763-0.2514i	-0.1622-0.2160i	0.1690-0.1840i	-0.1613-0.0660i	-0.1851-0.1546i	-0.0074+1.4259i	-0.0657-0.1593i	-0.2131-0.7640i
56.8	-0.0743-0.2416i	-0.1779-0.1668i	0.1538-0.1731i	-0.1728-0.0568i	-0.1394-0.1376i	0.0204+1.3502i	-0.0215-0.0451i	-0.2358-0.6755i
56.9	-0.0822-0.2482i	-0.1285-0.1272i	0.1543-0.1373i	-0.1567-0.0319i	-0.1299-0.1427i	-0.0033+1.2693i	-0.0570-0.1493i	-0.2180-0.6395i
57.0	-0.0873-0.2045i	-0.1328-0.1792i	0.1775-0.1466i	-0.1578-0.0448i	-0.1456-0.1401i	-0.0371+1.2142i	-0.0802-0.1295i	-0.1959-0.6638i
57.1	-0.0798-0.1864i	-0.1082-0.1835i	0.1360-0.1136i	-0.1475-0.0390i	-0.0889-0.1747i	0.0317+1.1366i	-0.0241-0.0784i	-0.1789-0.7163i
57.2	-0.0462-0.2146i	-0.1137-0.1373i	0.1035-0.0454i	-0.1333-0.0169i	-0.1176-0.2354i	0.0376+1.0680i	0.0119-0.2456i	-0.1942-0.7356i
57.3	-0.0128-0.2327i	-0.1350-0.1476i	0.1229-0.0528i	-0.1364-0.0271i	-0.1163-0.2015i	-0.1032+1.0276i	0.1131-0.1843i	-0.0496-0.6699i
57.4	-0.0617-0.2462i	-0.1015-0.1696i	0.1588-0.0726i	-0.1276-0.0446i	-0.0912-0.1308i	-0.0753+1.0844i	0.0051-0.1233i	-0.0852-0.6869i
57.5	-0.0752-0.2272i	-0.1290-0.2095i	0.1524-0.0479i	-0.1391-0.0657i	-0.0777-0.1627i	-0.0123+0.9897i	0.0515-0.0961i	-0.1333-0.7365i
57.6	-0.0798-0.2165i	-0.1366-0.2144i	0.1719-0.0306i	-0.1529-0.0583i	-0.0193-0.2091i	-0.0873+0.9485i	0.0327-0.2260i	-0.1711-0.7477i
57.7	-0.0864-0.2227i	-0.1430-0.1790i	0.1493-0.0286i	-0.1503-0.0392i	-0.1016-0.1762i	-0.0694+0.9989i	0.0426-0.3244i	-0.1127-0.7395i
57.8	-0.1074-0.2297i	-0.1090-0.1716i	0.1251+0.0276i	-0.1171-0.0421i	-0.1465-0.1940i	0.0638+0.9412i	-0.0902-0.2294i	-0.1694-0.7620i
57.9	-0.0935-0.2434i	-0.0973-0.0850i	0.1205+0.0074i	-0.1324+0.0025i	-0.0987-0.1710i	-0.0430+0.9877i	-0.2189-0.2071i	-0.2511-0.6811i
58.0	-0.1025-0.1752i	-0.0940-0.2083i	0.1424+0.0018i	-0.1486-0.0443i	-0.0193-0.1436i	-0.0349+0.8208i	-0.1005-0.0082i	-0.2393-0.6242i
58.1	-0.1188-0.1637i	-0.0947-0.2372i	0.1184+0.0410i	-0.1340-0.0790i	-0.0216-0.1026i	0.0829+0.6963i	-0.0345-0.0331i	-0.1605-0.6826i
58.2	-0.1161-0.1731i	-0.1414-0.1816i	0.1415+0.0367i	-0.1591-0.0657i	-0.0714-0.0972i	-0.0061+0.6641i	-0.0541-0.0933i	-0.2143-0.6665i
58.3	-0.1227-0.1911i	-0.1137-0.1665i	0.1219+0.0785i	-0.1261-0.0629i	-0.0998-0.1050i	0.0681+0.6571i	-0.0708-0.0810i	-0.1891-0.6852i
58.4	-0.1371-0.2210i	-0.0060-0.1105i	0.1057+0.0772i	-0.0913-0.0274i	-0.1015-0.1022i	0.0752+0.7492i	-0.1572-0.1480i	-0.1774-0.6715i
58.5	-0.1277-0.2066i	-0.0143-0.1234i	0.1352+0.0589i	-0.1140-0.0247i	-0.1160-0.1297i	-0.0235+0.7229i	-0.2266-0.0896i	-0.2500-0.6087i
58.6	-0.1308-0.2122i	-0.0594-0.1462i	0.1333+0.0917i	-0.1060-0.0306i	-0.1505-0.1535i	0.0234+0.7227i	-0.1608-0.1300i	-0.1990-0.6538i
58.7	-0.1446-0.2360i	-0.0855-0.1176i	0.1671+0.1232i	-0.0960-0.0267i	-0.2274-0.1352i	0.0246+0.7247i	-0.2561-0.1744i	-0.2289-0.6604i
58.8	-0.1167-0.2266i	-0.0866-0.0828i	0.1663+0.1199i	-0.1262+0.0042i	-0.1906-0.1722i	-0.1105+0.7000i	-0.2694-0.2595i	-0.3025-0.6478i
58.9	-0.1058-0.2238i	-0.1184-0.0626i	0.1444+0.1585i	-0.1317+0.0031i	-0.1391-0.1852i	-0.1158+0.5858i	-0.0541-0.3504i	-0.2346-0.7090i
59.0	-0.1260-0.2312i	-0.1061-0.0556i	0.1632+0.1610i	-0.1106-0.0040i	-0.1608-0.1344i	-0.1153+0.5716i	-0.0255-0.1967i	-0.2120-0.5941i
59.1	-0.1360-0.2094i	-0.0635-0.0830i	0.1498+0.1733i	-0.0977-0.0140i	-0.1877-0.0810i	-0.0371+0.5524i	-0.1470-0.1919i	-0.2112-0.6579i
59.2	-0.1482-0.1789i	-0.0545-0.1332i	0.1408+0.1575i	-0.1065-0.0160i	-0.1641-0.0420i	-0.0089+0.5123i	-0.2766-0.0631i	-0.3068-0.6306i
59.3	-0.1776-0.2129i	0.0494-0.0684i	0.1150+0.1880i	-0.0684+0.0049i	-0.1569-0.0287i	0.0315+0.5518i	-0.3982-0.1764i	-0.2810-0.5974i
59.4	-0.1320-0.2225i	-0.0316+0.0221i	0.1257+0.2046i	-0.0991+0.0528i	-0.1183-0.0869i	-0.0853+0.5302i	-0.2844-0.3468i	-0.3125-0.6439i
59.5	-0.1327-0.2006i	-0.0952-0.0292i	0.1827+0.2389i	-0.1275+0.0183i	-0.1246-0.1025i	-0.1545+0.3872i	-0.2437-0.3148i	-0.3647-0.7796i
59.6	-0.1348-0.1757i	-0.0870-0.0828i	0.1874+0.1800i	-0.1335+0.0172i	-0.1025-0.0653i	-0.2016+0.4354i	-0.1298-0.1396i	-0.3060-0.6459i
59.7	-0.1371-0.1682i	-0.0529-0.1034i	0.1903+0.1592i	-0.1156+0.0080i	-0.0723-0.0412i	-0.2076+0.4510i	-0.1757-0.1853i	-0.2675-0.6385i
59.8	-0.1347-0.2076i	-0.0257-0.0401i	0.1328+0.2099i	-0.0897+0.0356i	-0.0677-0.0812i	-0.1655+0.4539i	-0.1739-0.3553i	-0.2342-0.7193i
59.9	-0.1470-0.2384i	0.0257+0.1075i	0.1413+0.2265i	-0.0760+0.1051i	-0.1298-0.1158i	-0.2103+0.5319i	-0.5042-0.4362i	-0.4082-0.7488i
60.0	-0.1564-0.1943i	-0.0299+0.0569i	0.1419+0.2240i	-0.1029+0.1050i	-0.1490-0.0918i	-0.2196+0.4352i	-0.2818-0.1803i	-0.3593-0.6961i
60.1	-0.1732-0.1787i	-0.0635-0.1115i	0.1749+0.2654i	-0.1101+0.0014i	-0.1052-0.0453i	-0.1344+0.2937i	-0.1588+0.0045i	-0.2285-0.7637i
60.2	-0.1729-0.1989i	-0.0190-0.0501i	0.1867+0.3068i	-0.0682+0.0116i	-0.1602-0.0318i	-0.1188+0.2984i	-0.3062-0.2348i	-0.3413-0.8084i
60.3	-0.1877-0.2244i	0.0604+0.0101i	0.1983+0.3072i	-0.0395+0.0162i	-0.1678-0.0331i	-0.1371+0.3276i	-0.4923-0.3877i	-0.3787-0.8572i
60.4	-0.1938-0.2227i	0.0353-0.0476i	0.1545+0.3424i	-0.0370+0.0150i	-0.1460-0.0366i	-0.0680+0.3077i	-0.3222-0.3495i	-0.1588-0.8956i
60.5	-0.2043-0.2064i	0.0038-0.0551i	0.2093+0.3354i	-0.0427+0.0157i	-0.1597-0.0286i	-0.1418+0.2949i	-0.2892-0.3953i	-0.2369-0.9183i
60.6	-0.1953-0.2053i	0.0086-0.0202i	0.2336+0.3483i	-0.0444+0.0129i	-0.1613-0.0169i	-0.1846+0.2530i	-0.4641-0.4145i	-0.3805-0.9623i
60.7	-0.1894-0.2118i	-0.0112+0.0087i	0.2460+0.3763i	-0.0633+0.0340i	-0.1398-0.0580i	-0.2605+0.2311i	-0.6518-0.4769i	-0.5320-1.0350i
60.8	-0.2222-0.1862i	0.0329-0.1185i	0.2479+0.3604i	-0.0429-0.0077i	-0.1237+0.0149i	-0.1996+0.2262i	-0.4811-0.1809i	-0.2945-0.8871i
60.9	-0.1939-0.1973i	0.0134+0.0225i	0.2797+0.3334i	-0.0414+0.0247i	-0.1205+0.0042i	-0.2713+0.2477i	-0.4733-0.3611i	-0.4026-0.9272i
61.0	-0.1875-0.2086i	-0.0199+0.1072i	0.3314+0.3719i	-0.0635+0.0551i	-0.1364-0.0405i	-0.3886+0.2118i	-0.5075-0.5482i	-0.6582-1.0116i
61.1	-0.2258-0.1984i	0.0482+0.0036i	0.3131+0.4058i	-0.0439+0.0316i	-0.1073-0.0372i	-0.3287+0.1414i	-0.6639-0.4225i	-0.6242-1.0061i
61.2	-0.2233-0.1697i	0.0582-0.0847i	0.2567+0.3229i	-0.0185+0.0314i	-0.0663+0.0119i	-0.2500+0.2445i	-0.4177-0.0177i	-0.3464-0.6519i
61.3	-0.1888-0.1789i	0.0199+0.0022i	0.2344+0.3779i	-0.0218+0.0550i	-0.0622-0.0480i	-0.2668+0.2126i	-0.2519-0.5529i	-0.3520-0.9562i
61.4	-0.2170-0.1878i	0.0796+0.0267i	0.3288+0.3366i	-0.0298+0.0576i	-0.1317-0.0302i	-0.3953+0.2687i	-0.7237-0.2614i	-0.7548-0.7721i
61.5	-0.2899-0.1481i	0.1289-0.1397i	0.3848+0.2466i	-0.0283+0.0200i	-0.1318+0.1033i	-0.3855+0.2940i	-0.8513+0.5773i	-0.7806-0.2512i
61.6	-0.2492-0.1744i	0.0859-0.0382i	0.3297+0.2981i	-0.0190+0.0361i	-0.0894+0.0294i	-0.3614+0.2614i	-0.6656+0.1780i	-0.6579-0.5051i
61.7	-0.2115-0.1986i	0.0505+0.0675i	0.2940+0.3894i	-0.0152+0.0480i	-0.0967-0.0561i	-0.3514+0.2073i	-0.7359-0.5072i	-0.6297-0.9597i
61.8	-0.2860-0.1807i	0.1440-0.0322i	0.4334+0.3516i	-0.0174+0.0265i	-0.1306+0.0039i	-0.4579+0.2018i	-1.1188+0.0559i	-1.0636-0.6715i
61.9	-0.2670-0.1575i	0.0855-0.0334i	0.4040+0.3587i	-0.0166+0.0268i	-0.1199+0.0251i	-0.4078+0.1668i	-0.8446+0.0424i	-0.8898-0.7729i
62.0	-0.2491-0.1452i	0.0916-0.0103i	0.3616+0.2803i	-0.0075+0.0392i	-0.0657+0.0044i	-0.3911+0.2613i	-0.6515+0.1020i	-0.7409-0.5444i
62.1	-0.2619-0.1398i	0.0943-0.0211i	0.3908+0.2239i	-0.0093+0.0542i	-0.0604-0.0045i	-0.4663+0.3467i	-0.8749+0.4253i	-0.9383-0.3273i
62.2	-0.2899-0.1274i	0.1476-0.0722i	0.3982+0.2359i	0.0004+0.0441i	-0.0957+0.0664i	-0.4552+0.3049i	-0.9263+0.5123i	-0.9397-0.2448i
62.3	-0.2893-0.1136i	0.1505-0.0915i	0.3992+0.2403i	0.0107+0.0441i	-0.0987+0.0691i	-0.4734+0.2800i	-0.7677+0.6085i	-0.8409-0.2156i

62.4	-0.2991-0.1231i	0.1322-0.0313i	0.4655+0.3078i	-0.0081+0.0424i	-0.0743+0.0214i	-0.5164+0.2040i	-0.9722+0.2965i	-1.1530-0.6171i
62.5	-0.3146-0.1474i	0.1975+0.0532i	0.5482+0.3486i	-0.0174+0.0382i	-0.1220-0.0067i	-0.5981+0.1402i	-1.4804+0.0131i	-1.6892-0.8660i
62.6	-0.3095-0.1027i	0.1469-0.0461i	0.4731+0.2758i	-0.0016+0.0178i	-0.0868+0.0373i	-0.5143+0.2167i	-1.1612+0.2452i	-1.2836-0.6136i
62.7	-0.3058-0.1040i	0.1637-0.0380i	0.4948+0.2552i	-0.0032+0.0291i	-0.0788+0.0778i	-0.5710+0.2310i	-1.4226+0.3769i	-1.4388-0.4490i
62.8	-0.2580-0.1033i	0.0988+0.0300i	0.4983+0.3207i	-0.0102+0.0231i	-0.0475+0.0038i	-0.5992+0.1453i	-1.1692-0.0137i	-1.3735-0.7287i
62.9	-0.2566-0.0869i	0.0966+0.0240i	0.4516+0.3099i	0.0040+0.0369i	-0.0501-0.0077i	-0.5398+0.1901i	-1.0324+0.1319i	-1.3048-0.5359i
63.0	-0.2554-0.0884i	0.1376+0.0555i	0.4733+0.2978i	0.0028+0.0334i	-0.0766-0.0174i	-0.5813+0.1981i	-1.0772+0.1237i	-1.4271-0.6325i
63.1	-0.2658-0.0533i	0.1284-0.0749i	0.4285+0.1921i	0.0364+0.0373i	-0.0499+0.0229i	-0.5242+0.3250i	-0.5850+0.6328i	-0.9585-0.0296i
63.2	-0.2845-0.0286i	0.1124-0.1347i	0.4131+0.1778i	0.0476+0.0292i	-0.0227+0.0861i	-0.5114+0.3311i	-0.4199+0.9017i	-0.7518+0.1009i
63.3	-0.2914-0.0178i	0.1013-0.1048i	0.4399+0.2257i	0.0310-0.0159i	-0.0647+0.0981i	-0.5049+0.2500i	-0.3747+0.5774i	-0.7273-0.3269i
63.4	-0.2833-0.0367i	0.1480-0.0700i	0.4209+0.1705i	0.0409+0.0173i	-0.0497+0.0511i	-0.5319+0.3451i	-0.5969+0.5697i	-0.8992-0.0184i
63.5	-0.2370-0.0430i	0.0831-0.0436i	0.3870+0.2363i	0.0278+0.0034i	-0.0033+0.0114i	-0.4788+0.2467i	-0.5956+0.2632i	-0.8178-0.4274i
63.6	-0.2336-0.0320i	0.0972-0.0477i	0.3627+0.2298i	0.0567-0.0033i	-0.0272+0.0163i	-0.4484+0.2934i	-0.5233+0.3110i	-0.5490-0.3134i
63.7	-0.2752-0.0176i	0.1801-0.0902i	0.4444+0.1011i	0.0654+0.0275i	-0.0402+0.0697i	-0.5896+0.4026i	-0.7352+0.8315i	-1.0299+0.3576i
63.8	-0.2678-0.0012i	0.1610-0.1030i	0.4244+0.1537i	0.0573+0.0094i	-0.0656+0.0740i	-0.5301+0.3149i	-0.5840+0.7149i	-0.8876+0.0600i
63.9	-0.2663-0.0224i	0.1806-0.0839i	0.4650+0.1673i	0.0519+0.0168i	-0.0495+0.0159i	-0.6034+0.3096i	-0.8735+0.5986i	-1.1222-0.0023i
64.0	-0.2310+0.0065i	0.1060-0.1415i	0.4147+0.0865i	0.0595+0.0024i	0.0087-0.0077i	-0.6052+0.4311i	-0.4671+0.9217i	-0.7980+0.3775i
64.1	-0.2018+0.0055i	0.0717-0.1111i	0.4006+0.1396i	0.0486-0.0205i	-0.0109-0.0089i	-0.5442+0.3666i	-0.3004+0.7838i	-0.6865-0.0042i
64.2	-0.2333-0.0225i	0.1313-0.0581i	0.4590+0.2197i	0.0487-0.0343i	-0.0406-0.0094i	-0.5520+0.2529i	-0.7819+0.4814i	-1.0558-0.4054i
64.3	-0.2435+0.0106i	0.1317-0.1113i	0.4204+0.1503i	0.0647-0.0590i	-0.0337-0.0032i	-0.5000+0.3323i	-0.7105+0.6092i	-0.7793-0.1168i
64.4	-0.2119-0.0064i	0.1186-0.0588i	0.4332+0.1500i	0.0414-0.0403i	-0.0322-0.0286i	-0.5383+0.3331i	-0.5909+0.5075i	-0.9178-0.1752i
64.5	-0.2041+0.0214i	0.0854-0.0943i	0.4130+0.1833i	0.0538-0.0671i	0.0057-0.0129i	-0.5219+0.2789i	-0.3347+0.4913i	-0.6465-0.3150i
64.6	-0.1946+0.0532i	0.0747-0.1442i	0.3750+0.1069i	0.0480-0.0534i	0.0258+0.0391i	-0.5210+0.3721i	-0.0943+0.8445i	-0.5721+0.1970i
64.7	-0.1874+0.0316i	0.0921-0.1012i	0.3727+0.0818i	0.0419-0.0315i	-0.0043+0.0012i	-0.5163+0.4308i	-0.0730+0.7687i	-0.6493+0.3353i
64.8	-0.1794+0.0193i	0.0718-0.0945i	0.3402+0.0802i	0.0358-0.0382i	-0.0165-0.0398i	-0.4734+0.4574i	-0.1998+0.7436i	-0.5411+0.3445i
64.9	-0.1822+0.0166i	0.0774-0.0874i	0.3120+0.1148i	0.0410-0.0423i	-0.0077+0.0141i	-0.4372+0.4137i	-0.2343+0.5680i	-0.5701+0.0958i
65.0	-0.1926+0.0347i	0.0850-0.0997i	0.3777+0.0618i	0.0259-0.0501i	-0.0108+0.0561i	-0.4927+0.4740i	-0.2385+0.5405i	-0.7645+0.0993i
65.1	-0.1688+0.0407i	0.0508-0.0962i	0.3338+0.0295i	0.0239-0.0520i	0.0227+0.0064i	-0.4517+0.5539i	-0.1325+0.7005i	-0.4892+0.2380i
65.2	-0.1415-0.0026i	0.0381-0.0498i	0.2542+0.0555i	0.0590-0.0267i	0.0244-0.0477i	-0.3338+0.5280i	0.0394+0.4913i	-0.0397+0.2178i
65.3	-0.1475+0.0148i	0.0468-0.0774i	0.3429+0.0577i	0.0390-0.0397i	0.0471-0.0197i	-0.4526+0.4640i	0.1603+0.6229i	-0.3996+0.3254i
65.4	-0.1513+0.0090i	0.0526-0.0837i	0.3466+0.1165i	0.0332-0.0576i	0.0383-0.0320i	-0.4531+0.3442i	0.0316+0.7274i	-0.4550+0.1253i
65.5	-0.1159-0.0104i	0.0242-0.0528i	0.3146+0.1550i	0.0283-0.0508i	0.0342-0.0776i	-0.4006+0.3118i	0.1215+0.5100i	-0.2441-0.0042i
65.6	-0.1455+0.0237i	0.0726-0.0922i	0.3512+0.0404i	0.0181-0.0474i	-0.0134+0.0112i	-0.4437+0.4573i	-0.0593+0.6629i	-0.5477+0.4854i
65.7	-0.1460+0.0243i	0.0531-0.1104i	0.3850+0.0720i	-0.0023-0.0738i	-0.0095+0.0166i	-0.4978+0.3917i	-0.0779+0.5518i	-0.5879+0.1701i
65.8	-0.1654+0.0045i	0.0773-0.0469i	0.3923+0.1082i	0.0108-0.0628i	-0.0250+0.0022i	-0.4631+0.3471i	-0.0469+0.4346i	-0.6838-0.1408i
65.9	-0.1417+0.0166i	0.0410-0.0718i	0.2849+0.0805i	0.0320-0.0704i	-0.0005-0.0574i	-0.3446+0.4142i	0.0080+0.4493i	-0.2112+0.1245i
66.0	-0.1287+0.0357i	0.0254-0.0910i	0.3266+0.1075i	0.0028-0.0893i	0.0309-0.0506i	-0.4062+0.3260i	0.2889+0.6015i	-0.2913+0.0621i
66.1	-0.1224+0.0344i	-0.0034-0.0696i	0.3293+0.1210i	-0.0012-0.0807i	0.0379-0.0294i	-0.3721+0.3098i	0.3086+0.5985i	-0.3385+0.0169i
66.2	-0.1403+0.0334i	0.0395-0.0779i	0.3241+0.0768i	0.0190-0.0759i	0.0357-0.0332i	-0.3783+0.3493i	-0.0388+0.4208i	-0.3683+0.1489i
66.3	-0.1426+0.0248i	0.0415-0.0837i	0.3491+0.0304i	0.0147-0.0637i	0.0156-0.0508i	-0.4281+0.3877i	-0.0085+0.4540i	-0.4922+0.3719i
66.4	-0.1353+0.0400i	0.0258-0.1001i	0.3339+0.0771i	-0.0080-0.0821i	0.0090-0.0341i	-0.3937+0.3031i	0.0306+0.7115i	-0.5313+0.2567i
66.5	-0.1287+0.0220i	0.0317-0.0484i	0.3076+0.1000i	-0.0015-0.0553i	0.0105-0.0422i	-0.3646+0.2723i	0.0642+0.5875i	-0.5107+0.2514i
66.6	-0.1299+0.0209i	0.0559-0.0717i	0.3266+0.0866i	0.0200-0.0623i	-0.0084-0.0262i	-0.4092+0.2850i	0.0277+0.5390i	-0.4223+0.3091i
66.7	-0.1360+0.0214i	0.0514-0.0735i	0.3074+0.0990i	0.0060-0.0795i	-0.0286-0.0162i	-0.3619+0.2818i	0.0111+0.5208i	-0.3962+0.0945i
66.8	-0.1205+0.0322i	0.0524-0.0850i	0.2628+0.0945i	0.0038-0.0827i	0.0023-0.0037i	-0.3240+0.2661i	0.0554+0.6114i	-0.2037+0.2276i
66.9	-0.1071+0.0326i	0.0173-0.0880i	0.2911+0.0886i	0.0042-0.0748i	0.0379-0.0151i	-0.3761+0.2785i	0.3211+0.5974i	-0.1765+0.1998i
67.0	-0.0944+0.0395i	-0.0131-0.0650i	0.2970+0.0582i	-0.0132-0.0608i	0.0388-0.0591i	-0.3889+0.3151i	0.4948+0.3796i	-0.2243+0.2031i
67.1	-0.1039+0.0222i	0.0143-0.0648i	0.2368+0.0288i	-0.0051-0.0579i	-0.0222-0.0848i	-0.3777+0.3483i	0.1874+0.6267i	-0.0436+0.4155i
67.2	-0.0945+0.0084i	0.0295-0.0657i	0.2369+0.0554i	-0.0026-0.0782i	-0.0457-0.0404i	-0.3583+0.3054i	0.0930+0.5883i	-0.0482+0.2350i
67.3	-0.1001-0.0143i	0.0433-0.0237i	0.2194+0.1667i	-0.0081-0.0854i	-0.0700-0.0211i	-0.2730+0.1958i	0.0226+0.4444i	-0.0437-0.2977i
67.4	-0.1027-0.0099i	0.0358-0.0280i	0.2058+0.1840i	-0.0128-0.0840i	-0.0814-0.0000i	-0.2663+0.1724i	-0.0857+0.5213i	-0.0931-0.3383i
67.5	-0.0798+0.0063i	0.0086-0.0549i	0.1956+0.1599i	-0.0017-0.1041i	-0.0144-0.0278i	-0.3065+0.1898i	0.1746+0.7585i	0.2865-0.2491i
67.6	-0.0793+0.0203i	0.0215-0.0844i	0.2124+0.0533i	0.0034-0.1079i	0.0044-0.0097i	-0.3363+0.2750i	0.1599+0.4499i	0.2478+0.0845i
67.7	-0.0718+0.0216i	0.0174-0.0796i	0.2337+0.0278i	-0.0267-0.0777i	0.0145-0.0286i	-0.3662+0.2948i	0.0052+0.3090i	-0.1309+0.2434i
67.8	-0.0473+0.0209i	-0.0275-0.0477i	0.2649+0.0027i	-0.0420-0.0487i	0.0722-0.0748i	-0.4171+0.2949i	0.0903+0.0457i	-0.2490+0.1954i
67.9	-0.0561+0.0325i	-0.0161-0.0825i	0.2294-0.0059i	-0.0311-0.0820i	0.0458-0.0362i	-0.4014+0.3123i	0.2273+0.1683i	0.0588+0.1998i
68.0	-0.0581+0.0030i	0.0026+0.0010i	0.1734+0.0302i	-0.0086-0.0488i	-0.0026-0.1023i	-0.3313+0.2718i	0.1439+0.2180i	0.0079+0.0553i
68.1	-0.0584-0.0045i	0.0222-0.0132i	0.1553-0.0317i	0.0151-0.0479i	-0.0169-0.1104i	-0.3425+0.3282i	-0.1374+0.1615i	0.1005+0.4570i
68.2	-0.0581-0.0181i	0.0291-0.0240i	0.1318+0.0795i	0.0022-0.0948i	-0.0566-0.0781i	-0.3029+0.1986i	-0.3180+0.4945i	0.2359-0.0544i
68.3	-0.0708-0.0288i	0.0404-0.0073i	0.1988+0.1651i	-0.0300-0.0777i	-0.0626-0.0286i	-0.3531+0.0845i	0.1698+0.6277i	-0.0019-0.3994i
68.4	-0.0847-0.0214i	0.0578-0.0425i	0.2044+0.2020i	-0.0388-0.0964i	-0.0825+0.0177i	-0.3737+0.0739i	0.1086+0.8493i	0.0285-0.5752i
68.5	-0.0591-0.0042i	0.0655-0.0534i	0.2116+0.0561i	-0.0123-0.0664i	-0.0159-0.0247i	-0.4351+0.2140i	-0.1090+0.3171i	-0.1444+0.0657i
68.6	-0.0663-0.0109i	0.0477-0.0277i	0.1797+0.0724i	0.0047-0.0772i	-0.0407-0.0526i	-0.4315+0.1588i	-0.2243+0.4178i	-0.0299+0.0865i

68.7	-0.0853-0.0349i	0.0814-0.0186i	0.2195+0.0957i	0.0182-0.0613i	-0.0766-0.0195i	-0.4681+0.1487i	-0.0553+0.5180i	-0.1219-0.0476i
68.8	-0.0996-0.0491i	0.1119-0.0228i	0.2695+0.0843i	0.0208-0.0327i	-0.0786-0.0355i	-0.5378+0.1732i	0.1306+0.3278i	-0.3329+0.0015i
68.9	-0.0687-0.0185i	0.0468-0.0399i	0.2266+0.0770i	0.0085-0.0518i	-0.0262-0.0197i	-0.4558+0.2161i	0.3196+0.7160i	-0.1269-0.0529i
69.0	-0.0547-0.0143i	0.0310-0.0294i	0.1731+0.1068i	-0.0137-0.0911i	-0.0495+0.0158i	-0.3765+0.1800i	0.1189+0.4774i	-0.0670-0.3516i
69.1	-0.0589-0.0262i	0.0402-0.0170i	0.1845+0.1174i	-0.0306-0.0791i	-0.0847-0.0010i	-0.4350+0.1825i	0.1038+0.5671i	-0.1101-0.2656i
69.2	-0.0837-0.0224i	0.0786-0.0227i	0.1976+0.0840i	-0.0024-0.0694i	-0.0847-0.0160i	-0.4628+0.1983i	0.0819+0.5759i	-0.0896-0.0490i
69.3	-0.0727-0.0173i	0.0722-0.0419i	0.1965+0.0723i	-0.0031-0.0761i	-0.0035+0.0167i	-0.4567+0.1856i	0.0279+0.5685i	-0.1656+0.0305i
69.4	-0.0559+0.0075i	0.0527-0.1016i	0.2013+0.0617i	-0.0185-0.0994i	0.0408+0.0637i	-0.4723+0.2326i	0.2141+0.5229i	-0.2694+0.0299i
69.5	-0.0277-0.0324i	0.0302-0.0088i	0.2360+0.2051i	-0.0683-0.1030i	-0.0258+0.0127i	-0.4709+0.0569i	0.5391+0.7694i	-0.3239-0.6762i
69.6	-0.0451-0.0589i	0.0724+0.0041i	0.2447+0.2057i	-0.0703-0.0826i	-0.0908-0.0038i	-0.5139+0.0342i	0.5553+0.7964i	-0.4524-0.6829i
69.7	-0.0602-0.0294i	0.1146-0.0619i	0.2245+0.1059i	-0.0402-0.0890i	-0.0784+0.0732i	-0.5193+0.1788i	0.4008+0.6562i	-0.4572-0.1701i
69.8	-0.0218-0.0281i	0.0550-0.0281i	0.1702+0.1457i	-0.0519-0.0936i	-0.0314+0.0320i	-0.4498+0.1189i	0.3396+0.8214i	-0.1854-0.3600i
69.9	-0.0177-0.0390i	0.0547-0.0441i	0.1542+0.1083i	-0.0507-0.0920i	-0.0429+0.0406i	-0.4923+0.1665i	0.1182+0.6985i	-0.2042-0.1897i
70.0	-0.0333-0.0610i	0.0834+0.0052i	0.2406+0.1307i	-0.0443-0.0759i	-0.1099+0.0332i	-0.5755+0.0995i	0.4473+0.6560i	-0.5462-0.3058i
70.1	-0.0438-0.0429i	0.0520-0.0009i	0.2438+0.0868i	-0.0312-0.0719i	-0.0048+0.0118i	-0.5773+0.0963i	0.5096+0.3316i	-0.5258-0.1071i
70.2	-0.0559-0.0458i	0.0845-0.0252i	0.2272+0.0888i	-0.0426-0.0621i	-0.0020+0.0408i	-0.5385+0.1244i	0.4249+0.4440i	-0.5366-0.0554i
70.3	-0.0229-0.0420i	0.0490-0.0213i	0.2052+0.1059i	-0.0742-0.0706i	0.0060+0.0746i	-0.4999+0.0750i	0.3354+0.4348i	-0.4194-0.1582i
70.4	-0.0250-0.0674i	0.0566-0.0075i	0.2419+0.1633i	-0.0763-0.1026i	-0.0301+0.0619i	-0.5750+0.0241i	0.4406+0.7693i	-0.5000-0.3958i
70.5	-0.0140-0.0774i	0.0396-0.0246i	0.2116+0.1642i	-0.0769-0.0948i	-0.0347+0.0244i	-0.5484+0.0442i	0.5926+0.7042i	-0.3157-0.4254i
70.6	-0.0199-0.0915i	0.0649-0.0000i	0.2291+0.1540i	-0.0792-0.0764i	-0.0286+0.0154i	-0.5931+0.0497i	0.5146+0.3950i	-0.4532-0.4332i
70.7	-0.0335-0.1133i	0.0560+0.0318i	0.2050+0.1625i	-0.0750-0.0612i	-0.0202+0.0016i	-0.5460+0.0480i	0.0978+0.4506i	-0.3899-0.3172i
70.8	-0.0295-0.0839i	0.0359-0.0286i	0.2279+0.1045i	-0.0693-0.0678i	0.0253+0.0694i	-0.5660+0.1272i	0.3223+0.5046i	-0.6275+0.0646i
70.9	-0.0352-0.0626i	0.0565-0.0537i	0.2364+0.0286i	-0.0426-0.0600i	0.0052+0.0632i	-0.6080+0.1456i	0.1716-0.0252i	-0.7611+0.1783i
71.0	-0.0132-0.1020i	0.0647+0.0259i	0.2197+0.1220i	-0.0759-0.0705i	-0.0521+0.0063i	-0.6294+0.0587i	0.3784+0.5020i	-0.5504-0.3457i
71.1	-0.0182-0.1296i	0.0756+0.0323i	0.2099+0.1413i	-0.0810-0.0668i	-0.0375+0.0178i	-0.6160+0.0748i	0.3509+0.6262i	-0.6095-0.4241i
71.2	0.0101-0.1363i	0.0010+0.0160i	0.1725+0.1053i	-0.1085-0.0941i	-0.0169-0.0038i	-0.5740+0.0829i	0.2014+0.6047i	-0.2802-0.3779i
71.3	-0.0215-0.1142i	0.0209-0.0069i	0.1916+0.1117i	-0.0844-0.0701i	-0.0314+0.0675i	-0.5882+0.0579i	0.4240+0.7719i	-0.4237-0.2058i
71.4	0.0128-0.0987i	0.0258-0.0257i	0.1653+0.1469i	-0.0951-0.1076i	0.0024+0.0712i	-0.5541+0.0770i	0.4474+1.0333i	-0.2559-0.2894i
71.5	-0.0103-0.1069i	0.0444-0.0501i	0.1898+0.1497i	-0.0892-0.0882i	-0.0095+0.1346i	-0.5922+0.0812i	0.6813+0.8599i	-0.4939-0.4670i
71.6	-0.0129-0.1016i	0.0241-0.0480i	0.1339+0.1144i	-0.0837-0.0983i	-0.0098+0.1332i	-0.5695+0.1147i	-0.0140+0.7768i	-0.4127-0.1254i
71.7	-0.0257-0.1297i	0.0780-0.0346i	0.1778+0.0863i	-0.0673-0.0527i	-0.0123+0.1329i	-0.5854+0.1507i	0.1483+0.6223i	-0.7600-0.0834i
71.8	0.0234-0.1589i	0.0121+0.0339i	0.1899+0.1277i	-0.1573-0.0265i	0.0277+0.0626i	-0.6016+0.0234i	0.7602+0.8726i	-0.5298-0.6610i
71.9	0.0327-0.1922i	0.0189+0.0358i	0.1989+0.1257i	-0.1576-0.0240i	0.0342+0.0759i	-0.6979+0.0213i	1.1720+0.8375i	-0.6319-0.7477i
72.0	0.0284-0.1646i	0.0242-0.0176i	0.1913+0.1345i	-0.1386-0.0778i	0.0554+0.1513i	-0.6898+0.0487i	1.0231+0.9555i	-0.7805-0.6915i
72.1	0.0339-0.1818i	-0.0035-0.0012i	0.1771+0.1447i	-0.1646-0.0675i	0.0849+0.1140i	-0.6258+0.0413i	0.5742+0.9913i	-0.7320-0.7028i
72.2	0.0254-0.1636i	0.0373-0.0119i	0.1703+0.0731i	-0.1458-0.0423i	0.0719+0.1441i	-0.6826+0.0887i	0.4521+0.5674i	-1.0042-0.5064i
72.3	0.0218-0.1852i	0.0433-0.0170i	0.1665+0.1014i	-0.1446-0.0556i	0.0761+0.2033i	-0.7510+0.1010i	0.7798+1.0431i	-0.9101-0.5843i
72.4	0.0328-0.2037i	-0.0046-0.0018i	0.1389+0.1724i	-0.1786-0.0595i	0.1216+0.1814i	-0.7076+0.0531i	0.6698+1.2951i	-0.6526-0.7107i
72.5	0.0053-0.1983i	0.0232+0.0157i	0.1936+0.1467i	-0.1588-0.0432i	0.0938+0.1639i	-0.7360+0.0714i	0.9549+1.2994i	-0.9066-0.6182i
72.6	0.0554-0.2230i	0.0095-0.0435i	0.1247+0.0866i	-0.1869-0.0556i	0.1553+0.2124i	-0.7395+0.1757i	0.7548+1.0008i	-0.9311-0.3609i
72.7	0.0425-0.1950i	-0.0021-0.0622i	0.1449+0.0147i	-0.1832-0.0742i	0.2079+0.2262i	-0.7222+0.2113i	0.7227+0.2593i	-1.1018+0.0273i
72.8	0.0718-0.2288i	-0.0375+0.0280i	0.1094+0.0708i	-0.2167-0.0212i	0.2071+0.1349i	-0.7217+0.1326i	0.7276+0.8316i	-0.9601-0.4519i
72.9	0.0865-0.2481i	-0.0693+0.0874i	0.1470+0.1138i	-0.2574+0.0179i	0.2649+0.1109i	-0.7062+0.0329i	1.0324+1.2106i	-0.9320-0.7282i
73.0	0.0584-0.2801i	0.0097+0.0811i	0.1523+0.0763i	-0.2304+0.0523i	0.2186+0.1261i	-0.8223+0.0591i	1.4131+0.9105i	-1.3776-0.7477i
73.1	0.0524-0.3236i	-0.0315+0.0629i	0.1230+0.1330i	-0.2525+0.0541i	0.2645+0.1425i	-0.7950+0.0791i	1.4443+1.1396i	-1.3080-0.8482i
73.2	0.0401-0.2904i	-0.0453+0.0999i	0.1550+0.1150i	-0.2614+0.0323i	0.3095+0.1157i	-0.7634+0.0498i	1.5492+1.3617i	-1.4472-0.7760i
73.3	0.0483-0.2612i	-0.0721+0.0433i	0.1383+0.0626i	-0.2489+0.0097i	0.3717+0.1345i	-0.6597+0.1028i	1.0280+0.9307i	-1.3941-0.2627i
73.4	0.0338-0.2562i	-0.0689+0.0090i	0.1108+0.0492i	-0.2248+0.0128i	0.4003+0.1246i	-0.6879+0.1953i	1.5008+0.4303i	-1.5401-0.0974i
73.5	-0.0432-0.2645i	0.0317-0.0321i	0.2274+0.0483i	-0.1538+0.0075i	0.3405+0.1754i	-0.7907+0.3160i	2.2992-0.0866i	-2.1592+0.0883i
73.6	-0.0201-0.3215i	0.0180-0.0087i	0.1887+0.0799i	-0.1787+0.0390i	0.3336+0.1614i	-0.7784+0.2931i	2.3972+0.0826i	-2.0440-0.0289i
73.7	-0.0463-0.3436i	0.0044+0.0471i	0.1427+0.0615i	-0.1683+0.0875i	0.3124+0.0605i	-0.7312+0.2592i	2.5962+0.1177i	-2.0525-0.1675i
73.8	-0.0492-0.3784i	-0.0259+0.1147i	0.1786+0.1111i	-0.2038+0.1054i	0.3675+0.0458i	-0.6670+0.2066i	2.6039+0.4607i	-2.0933-0.4003i
73.9	-0.0181-0.4527i	-0.0900+0.1849i	0.1693+0.1440i	-0.2605+0.1553i	0.4750-0.0515i	-0.6865+0.1342i	2.5192+0.7034i	-1.9037-0.6819i
74.0	-0.0116-0.4130i	-0.0817+0.1146i	0.1072+0.0646i	-0.2369+0.1143i	0.5163-0.0369i	-0.5995+0.1570i	1.8158+0.0007i	-2.0966+0.0073i
74.1	-0.0219-0.4209i	-0.0673+0.1283i	0.0917+0.0482i	-0.2483+0.1317i	0.5285-0.0801i	-0.5726+0.1552i	1.9588-0.1902i	-2.0416+0.3481i
74.2	-0.0673-0.5176i	-0.0197+0.2032i	0.0774+0.1100i	-0.2146+0.2178i	0.4747-0.2150i	-0.7443+0.1256i	2.3208+0.4719i	-2.0678+0.0542i
74.3	-0.0819-0.4643i	-0.0323+0.1892i	0.1096+0.0801i	-0.2015+0.2041i	0.4928-0.1963i	-0.6990+0.0689i	2.3798+0.2168i	-2.0507+0.1507i
74.4	-0.0386-0.4728i	-0.0822+0.1770i	0.0900+0.0095i	-0.2419+0.2019i	0.5136-0.1952i	-0.5994+0.0442i	1.6708-0.4853i	-1.8535+0.6322i
74.5	-0.0718-0.4666i	-0.0699+0.2108i	0.1134-0.0017i	-0.2298+0.2051i	0.5032-0.2537i	-0.6735+0.0027i	2.1143-0.4681i	-2.0009+0.6509i
74.6	-0.1508-0.4774i	-0.0162+0.1777i	0.1950+0.0486i	-0.1799+0.2015i	0.4588-0.2743i	-0.7094+0.0773i	3.0000-0.6928i	-2.3461+0.6971i
74.7	-0.1809-0.4731i	-0.0390+0.1156i	0.2235+0.0080i	-0.1862+0.1882i	0.4584-0.2063i	-0.5780+0.1525i	2.6201-1.1816i	-2.3440+1.2699i
74.8	-0.1519-0.5620i	-0.0552+0.2460i	0.1047-0.0379i	-0.2173+0.2677i	0.4668-0.3557i	-0.6355+0.0184i	2.0122-0.7287i	-2.1086+1.0962i
74.9	-0.1235-0.5678i	-0.0292+0.2560i	0.1373-0.0076i	-0.2341+0.2646i	0.4468-0.3919i	-0.7131+0.0449i	2.7815-0.4074i	-2.2464+0.9435i

75.0	-0.1513-0.5224i	-0.0721+0.2230i	0.1015-0.0346i	-0.2189+0.2352i	0.4624-0.3463i	-0.5708+0.0653i	2.1664-0.9775i	-2.0227+1.3652i
75.1	-0.1842-0.5324i	-0.0925+0.2507i	0.0205-0.0598i	-0.1945+0.2765i	0.4836-0.4189i	-0.5272-0.0336i	1.8757-0.9544i	-1.6854+1.4013i
75.2	-0.1749-0.5215i	-0.0710+0.2633i	0.0898-0.1327i	-0.2259+0.2805i	0.4281-0.4454i	-0.6069+0.0183i	2.2077-1.5192i	-1.7613+1.6739i
75.3	-0.2467-0.5450i	-0.0288+0.2637i	0.0533-0.0849i	-0.1786+0.2872i	0.4066-0.4540i	-0.6318+0.0508i	2.0077-1.9139i	-1.9295+1.8877i
75.4	-0.2512-0.5410i	-0.0281+0.3360i	0.0277-0.1109i	-0.1772+0.3238i	0.4487-0.5239i	-0.6098-0.1938i	1.4500-1.2765i	-1.6186+1.6610i
75.5	-0.3180-0.5304i	-0.0045+0.3481i	0.0461-0.1853i	-0.1366+0.3187i	0.3656-0.5726i	-0.6733-0.1644i	1.8032-1.4549i	-1.5546+1.8076i
75.6	-0.3248-0.5485i	0.0085+0.3361i	0.0121-0.2144i	-0.1096+0.3281i	0.3584-0.5927i	-0.7941-0.1555i	1.8534-1.3771i	-1.5681+1.9459i
75.7	-0.2799-0.5628i	0.0264+0.3666i	0.0149-0.2743i	-0.1441+0.3858i	0.3336-0.6486i	-0.8136-0.2686i	2.0925-1.7573i	-1.7499+1.9158i
75.8	-0.3014-0.5757i	0.0485+0.3813i	-0.0459-0.3622i	-0.1333+0.4233i	0.2854-0.6745i	-0.8378-0.2428i	1.4281-1.8314i	-1.5674+2.0958i
75.9	-0.3098-0.5229i	0.0751+0.4039i	-0.2106-0.3450i	-0.0684+0.4020i	0.2123-0.6710i	-0.8681-0.3409i	1.1679-1.6106i	-1.5322+1.8543i
76.0	-0.3572-0.5438i	0.0876+0.3936i	-0.2729-0.3657i	-0.0382+0.4301i	0.1994-0.6528i	-0.8424-0.3860i	1.0580-1.6878i	-1.4238+2.0030i
76.1	-0.3743-0.5520i	0.1112+0.4089i	-0.3019-0.3944i	-0.0242+0.4444i	0.1552-0.6904i	-0.9769-0.4120i	1.4002-2.0098i	-1.3067+2.0575i
76.2	-0.3970-0.5562i	0.1162+0.4158i	-0.3577-0.3785i	0.0012+0.4456i	0.1161-0.7193i	-1.1006-0.4224i	1.3062-2.1600i	-1.1327+2.4263i
76.3	-0.3945-0.5764i	0.1225+0.4190i	-0.4353-0.4331i	0.0004+0.4664i	0.1456-0.7037i	-1.1205-0.4610i	0.8075-2.0508i	-1.0046+2.5656i
76.4	-0.4611-0.5506i	0.1712+0.4509i	-0.6060-0.3943i	0.1033+0.4625i	0.0577-0.7505i	-1.2475-0.5402i	0.8491-1.6257i	-0.7788+2.2208i
76.5	-0.4872-0.5543i	0.2009+0.4551i	-0.7937-0.3647i	0.1560+0.4511i	-0.0173-0.7295i	-1.2684-0.4384i	0.7729-1.8382i	-0.7694+2.1977i
76.6	-0.4450-0.5948i	0.1817+0.4846i	-0.9165-0.3256i	0.1525+0.4940i	0.0118-0.7559i	-1.3739-0.5941i	0.5203-2.1240i	-0.4773+2.4133i
76.7	-0.4422-0.5375i	0.2142+0.5186i	-0.9575-0.2909i	0.2052+0.4876i	-0.0437-0.7695i	-1.6363-0.7411i	0.4520-1.8486i	-0.3821+2.2431i
76.8	-0.4504-0.5657i	0.2716+0.4923i	-1.0962-0.1725i	0.2290+0.4477i	-0.0907-0.7749i	-1.7474-0.4480i	0.2944-1.6555i	-0.4784+2.2135i
76.9	-0.4848-0.6119i	0.3027+0.5098i	-1.3260-0.1480i	0.2856+0.4350i	-0.0955-0.8367i	-1.8671-0.3786i	0.1177-1.4237i	-0.3409+2.1855i
77.0	-0.4528-0.6039i	0.3390+0.5100i	-1.4115-0.0613i	0.3319+0.3876i	-0.1239-0.8288i	-2.2656-0.3303i	0.6993-1.6146i	-0.4340+2.1374i
77.1	-0.5031-0.6297i	0.3260+0.4828i	-1.4196+0.0225i	0.3080+0.3854i	-0.1095-0.7613i	-2.0241-0.2610i	0.6423-1.7589i	-0.3685+2.3866i
77.2	-0.4697-0.6142i	0.3046+0.4864i	-1.5213+0.1913i	0.2562+0.3719i	-0.0891-0.7103i	-1.9746-0.3472i	0.3343-1.7608i	-0.3546+2.4158i
77.3	-0.4613-0.6331i	0.3181+0.5175i	-1.6438+0.3428i	0.3186+0.3628i	-0.0981-0.7694i	-2.2037-0.4803i	0.3788-1.7067i	-0.1625+2.2865i
77.4	-0.5396-0.6899i	0.3537+0.4925i	-1.6716+0.5230i	0.3528+0.3423i	-0.1552-0.7870i	-2.1167-0.2387i	0.4459-1.9945i	-0.1307+2.6570i
77.5	-0.6105-0.6716i	0.3963+0.4465i	-1.4999+0.7795i	0.3065+0.2518i	-0.2386-0.7214i	-2.0758+0.0858i	0.5343-2.2930i	0.0458+2.8526i
77.6	-0.6471-0.6954i	0.4502+0.4698i	-1.6807+0.9803i	0.3892+0.2549i	-0.2899-0.7560i	-2.4152+0.0929i	0.2225-2.2074i	0.2421+2.6453i
77.7	-0.6954-0.7565i	0.4817+0.4894i	-1.5950+1.1867i	0.3922+0.2671i	-0.2923-0.7294i	-2.4356+0.1008i	0.1601-2.0758i	0.2524+2.6388i
77.8	-0.6925-0.7303i	0.5022+0.4850i	-1.3867+1.2113i	0.3382+0.2537i	-0.2937-0.6774i	-2.5736+0.1883i	0.1529-2.3719i	0.4854+2.5196i
77.9	-0.7190-0.7742i	0.5519+0.4832i	-1.4598+1.4029i	0.3764+0.1733i	-0.3656-0.7111i	-2.7979+0.4838i	0.3769-2.5874i	0.4315+2.4460i
78.0	-0.7582-0.8072i	0.5738+0.4728i	-1.4839+1.6342i	0.3732+0.1085i	-0.4025-0.7264i	-2.8744+0.7494i	0.2798-2.6655i	0.4237+2.5164i
78.1	-0.8463-0.8007i	0.5802+0.4330i	-1.4003+1.8518i	0.3522+0.0548i	-0.4142-0.7211i	-2.6476+0.9847i	-0.0757-2.9777i	0.7612+2.8557i
78.2	-0.9050-0.7480i	0.6024+0.4306i	-1.1573+2.0689i	0.3162+0.0241i	-0.4329-0.7068i	-2.6078+0.9657i	-0.1207-2.7338i	1.2197+2.7309i
78.3	-0.9575-0.7502i	0.6414+0.3887i	-0.9876+2.1942i	0.2823-0.0354i	-0.4415-0.6926i	-2.6523+1.4277i	-0.3134-3.0631i	1.1687+2.4435i
78.4	-1.0614-0.7412i	0.6863+0.3542i	-0.9270+2.3356i	0.3015-0.0456i	-0.4717-0.6436i	-2.5662+1.5451i	-0.5315-2.6422i	1.0190+2.4663i
78.5	-1.1760-0.6948i	0.6937+0.3475i	-0.7234+2.5801i	0.2455-0.0235i	-0.5347-0.6003i	-2.2710+1.4677i	-0.9513-2.6165i	1.1623+2.6299i
78.6	-1.1958-0.6808i	0.6882+0.3448i	-0.6551+2.5675i	0.1528+0.0151i	-0.5821-0.5937i	-2.0658+1.6370i	-1.0043-3.0551i	1.3078+2.4219i
78.7	-1.2320-0.6174i	0.6911+0.3166i	-0.4879+2.5469i	0.1034-0.0108i	-0.6061-0.5689i	-2.0405+1.6833i	-1.0945-3.1910i	1.5957+2.4368i
78.8	-1.2833-0.6222i	0.7256+0.3452i	-0.4318+2.8720i	0.0791+0.0014i	-0.6080-0.6209i	-2.1335+1.7325i	-1.2320-2.6591i	1.4800+2.4654i
78.9	-1.3718-0.5918i	0.7477+0.3611i	-0.1174+3.0872i	0.0555+0.0820i	-0.6183-0.6020i	-2.0364+1.6158i	-1.2778-2.3224i	1.5726+2.5056i
79.0	-1.4023-0.5695i	0.8019+0.3973i	0.3635+3.2179i	0.1361+0.1198i	-0.6311-0.5962i	-2.2626+1.4236i	-0.7933-2.1965i	1.7527+2.7013i
79.1	-1.4232-0.5439i	0.9014+0.3727i	0.8850+2.8170i	0.2788+0.1551i	-0.6512-0.5931i	-2.5698+1.6315i	-1.0709-2.0366i	1.9377+2.4486i
79.2	-1.5428-0.4796i	0.9499+0.2456i	0.9745+2.3598i	0.2210+0.1097i	-0.7557-0.5668i	-2.1229+2.3004i	-1.7794-2.4067i	2.0710+2.3166i
79.3	-1.6063-0.3453i	0.9350+0.1565i	0.7700+2.2320i	0.1582+0.0725i	-0.8174-0.5043i	-1.6603+2.5477i	-2.0156-2.4130i	1.9500+2.0750i
79.4	-1.6210-0.2409i	0.9291+0.0975i	0.8723+2.1547i	0.0958+0.0529i	-0.8073-0.4396i	-1.3454+2.6655i	-1.8053-2.1692i	1.9834+1.6886i
79.5	-1.6458-0.0412i	0.8959+0.0011i	1.0174+2.0543i	0.0777+0.0870i	-0.8253-0.3327i	-0.9452+2.5274i	-1.8856-1.9816i	2.3097+1.6109i
79.6	-1.6220+0.0035i	0.9069-0.0027i	1.1532+2.2050i	0.0530+0.1589i	-0.8588-0.3495i	-0.9912+2.6336i	-2.3069-1.7778i	2.1887+1.2671i
79.7	-1.6483-0.0120i	0.9252+0.0019i	1.1368+2.2661i	0.0586+0.2106i	-0.8792-0.3298i	-0.9332+2.6496i	-2.4706-1.7158i	2.3058+1.3983i
79.8	-1.6154+0.0583i	0.9174-0.0043i	1.1571+2.1893i	0.1464+0.2365i	-0.8492-0.3316i	-1.0424+2.3940i	-2.6990-1.1727i	2.4159+1.3908i
79.9	-1.6216+0.1391i	0.9323-0.0388i	1.3723+2.1326i	0.1679+0.2795i	-0.9172-0.2480i	-0.7703+2.2412i	-2.6291-1.2720i	2.3177+1.0758i
80.0	-1.6382+0.2178i	0.9434-0.0685i	1.5598+2.0962i	0.1194+0.3333i	-0.9721-0.1951i	-0.4961+2.3607i	-2.1608-1.3302i	2.5590+0.9452i

2.1.108 Run 10 – IP270NVP – Accels 41–47

In-plane shaking at 270° with no vertical shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	33.1528+0.0000i	20.5430+0.0000i	-8.6799+0.0000i	12.0149+0.0000i	14.9559+0.0000i	19.3243+0.0000i	31.8054+0.0000i
0.1	33.1349+0.3983i	20.5730+0.5679i	-8.6419+0.1450i	12.0058+0.0097i	15.0746-0.0640i	19.3149+0.0023i	31.8440+0.0743i
0.2	-10.4500+2.9040i	-2.5290-4.8669i	-21.3778-9.7910i	1.0884-0.0091i	-1.4233-2.7760i	3.6294+0.0673i	-3.9450-1.4725i
0.3	3.9330+0.2363i	-0.3061-0.7908i	-1.4087+2.2659i	1.0628+0.4563i	-0.6102-0.6001i	1.0862-0.7840i	0.3174-0.7618i
0.4	0.2686+0.6704i	0.2090-0.0776i	-0.7405-0.0704i	0.1813+0.0870i	0.0567+0.0618i	-0.1985+0.0826i	0.0276+0.1298i
0.5	0.1042+0.2441i	0.0176-0.0722i	0.1316-0.0765i	0.0701+0.0141i	0.0201+0.0051i	0.0087+0.0456i	0.0070+0.1280i
0.6	0.0454+0.0602i	0.0667+0.0086i	0.0441-0.0069i	0.0171-0.0019i	0.0293+0.0239i	0.0175+0.0017i	0.0147-0.0231i
0.7	0.0551-0.0042i	0.0972+0.0296i	0.0076+0.0112i	0.0007-0.0103i	0.0735+0.0123i	0.0142+0.0162i	0.0894-0.0287i
0.8	0.0107+0.0123i	0.1360-0.0044i	-0.0133-0.0095i	-0.0005+0.0113i	0.1250+0.0081i	0.0005-0.0041i	0.1418-0.0096i
0.9	0.0040-0.0051i	0.1560-0.0156i	0.0076+0.0075i	0.0047+0.0198i	0.1506-0.0022i	-0.0034+0.0036i	0.1589-0.0201i
1.0	0.0070-0.0112i	0.2117-0.0160i	0.0090+0.0013i	0.0013+0.0105i	0.2089-0.0306i	0.0021+0.0019i	0.2016-0.0149i
1.1	-0.0031-0.0098i	0.2627-0.0439i	-0.0002+0.0035i	0.0045+0.0060i	0.2505-0.0482i	0.0114-0.0021i	0.2595-0.0222i
1.2	-0.0101-0.0127i	0.3052-0.0835i	-0.0002+0.0051i	0.0128+0.0088i	0.2933-0.0771i	0.0136+0.0015i	0.3119-0.0417i
1.3	-0.0165-0.0231i	0.3883-0.1400i	-0.0010+0.0055i	0.0225+0.0226i	0.3799-0.1336i	0.0155-0.0009i	0.4164-0.0651i
1.4	-0.0624-0.0329i	0.3691-0.1760i	-0.0073-0.0026i	0.0680+0.0308i	0.3715-0.1663i	0.0179+0.0000i	0.5319-0.0783i
1.5	-0.1399+0.0587i	0.3786+0.0660i	-0.0098+0.0017i	0.1405-0.0660i	0.3970+0.0500i	0.0244-0.0007i	0.7577-0.1421i
1.6	-0.0877+0.1594i	0.8186+0.2511i	-0.0094+0.0080i	0.0729-0.1700i	0.8154+0.2092i	0.0326-0.0031i	0.9654-0.2896i
1.7	0.0272+0.1588i	1.4492-0.0639i	-0.0042+0.0089i	-0.0602-0.1538i	1.4024-0.0987i	0.0391-0.0098i	1.1402-0.5493i
1.8	0.0667+0.1174i	1.7234-1.0263i	-0.0052+0.0077i	-0.1103-0.0713i	1.6568-1.0261i	0.0450-0.0265i	1.2316-1.2037i
1.9	0.0826+0.1106i	1.6386-2.0691i	-0.0051+0.0122i	-0.1272-0.0066i	1.5687-2.0341i	0.0447-0.0472i	1.0964-1.9898i
2.0	0.1361+0.0862i	-0.2477-2.4573i	0.0061+0.0160i	-0.0613+0.0987i	-0.2658-2.3907i	0.0014-0.0546i	-0.5075-2.0876i
2.1	0.1679+0.0711i	-1.1219-2.0271i	0.0098+0.0149i	0.0206+0.1179i	-1.1139-1.9639i	-0.0133-0.0461i	-1.1746-1.6441i
2.2	0.2371+0.0616i	-1.2587-1.4104i	0.0191+0.0128i	0.1365+0.1084i	-1.2426-1.3638i	-0.0015-0.0289i	-1.1998-1.1108i
2.3	0.3616-0.1155i	-1.2325-1.0113i	0.0350-0.0098i	0.2849-0.0748i	-1.2152-0.9705i	0.0184-0.0419i	-1.1184-0.7816i
2.4	0.0794-0.4692i	-1.1990-0.8042i	0.0031-0.0516i	0.0090-0.4295i	-1.1711-0.7625i	-0.0156-0.0807i	-1.0693-0.6305i
2.5	-0.2206-0.2308i	-1.1091-0.6294i	-0.0334-0.0238i	-0.2792-0.1855i	-1.0744-0.6012i	-0.0496-0.0450i	-0.9811-0.4768i
2.6	-0.1273-0.0966i	-1.0822-0.5281i	-0.0221-0.0081i	-0.1726-0.0549i	-1.0510-0.5077i	-0.0363-0.0246i	-0.9325-0.3910i
2.7	-0.0950-0.0578i	-1.0472-0.4705i	-0.0181-0.0045i	-0.1321-0.0147i	-1.0171-0.4537i	-0.0288-0.0179i	-0.8853-0.3422i
2.8	-0.0707-0.0447i	-0.9982-0.4270i	-0.0161-0.0025i	-0.1004-0.0016i	-0.9703-0.4129i	-0.0222-0.0153i	-0.8304-0.3093i
2.9	-0.0575-0.0351i	-0.9450-0.3587i	-0.0152-0.0019i	-0.0818+0.0032i	-0.9201-0.3472i	-0.0170-0.0122i	-0.7755-0.2582i
3.0	-0.0491-0.0279i	-0.9070-0.3036i	-0.0152-0.0026i	-0.0685+0.0050i	-0.8837-0.2931i	-0.0127-0.0111i	-0.7334-0.2158i
3.1	-0.0439-0.0251i	-0.8801-0.2847i	-0.0155-0.0016i	-0.0594+0.0031i	-0.8573-0.2737i	-0.0099-0.0110i	-0.7001-0.2012i
3.2	-0.0417-0.0224i	-0.8686-0.2783i	-0.0152-0.0003i	-0.0526+0.0033i	-0.8465-0.2681i	-0.0075-0.0102i	-0.6790-0.1977i
3.3	-0.0403-0.0178i	-0.8632-0.2464i	-0.0156-0.0004i	-0.0488+0.0036i	-0.8406-0.2370i	-0.0059-0.0100i	-0.6646-0.1744i
3.4	-0.0377-0.0123i	-0.8385-0.2172i	-0.0169-0.0001i	-0.0455+0.0043i	-0.8168-0.2085i	-0.0037-0.0099i	-0.6346-0.1523i
3.5	-0.0345-0.0098i	-0.8223-0.2048i	-0.0166+0.0002i	-0.0436+0.0049i	-0.8006-0.1965i	-0.0026-0.0100i	-0.6136-0.1427i
3.6	-0.0274-0.0097i	-0.7884-0.1965i	-0.0168+0.0008i	-0.0410+0.0055i	-0.7670-0.1889i	0.0000-0.0097i	-0.5743-0.1364i
3.7	-0.0265-0.0093i	-0.7851-0.1837i	-0.0175+0.0003i	-0.0404+0.0061i	-0.7643-0.1770i	0.0009-0.0092i	-0.5653-0.1279i
3.8	-0.0270-0.0092i	-0.7880-0.1759i	-0.0180+0.0003i	-0.0381+0.0070i	-0.7674-0.1694i	0.0015-0.0085i	-0.5557-0.1222i
3.9	-0.0268-0.0088i	-0.7933-0.1770i	-0.0189+0.0010i	-0.0356+0.0089i	-0.7718-0.1708i	0.0023-0.0079i	-0.5464-0.1231i
4.0	-0.0260-0.0076i	-0.7902-0.1586i	-0.0191+0.0016i	-0.0347+0.0096i	-0.7685-0.1520i	0.0039-0.0055i	-0.5369-0.1094i
4.1	-0.0247-0.0076i	-0.7513-0.1553i	-0.0202+0.0011i	-0.0349+0.0123i	-0.7310-0.1487i	0.0084-0.0056i	-0.4980-0.1071i
4.2	-0.0246-0.0063i	-0.7468-0.1366i	-0.0210-0.0003i	-0.0309+0.0128i	-0.7265-0.1319i	0.0106-0.0057i	-0.4843-0.0950i
4.3	-0.0249-0.0031i	-0.7533-0.1191i	-0.0208+0.0003i	-0.0264+0.0141i	-0.7327-0.1153i	0.0129-0.0031i	-0.4778-0.0818i
4.4	-0.0238-0.0005i	-0.7481-0.1236i	-0.0206+0.0026i	-0.0228+0.0150i	-0.7276-0.1187i	0.0154-0.0018i	-0.4649-0.0852i
4.5	-0.0191-0.0012i	-0.7380-0.1030i	-0.0205+0.0009i	-0.0169+0.0100i	-0.7171-0.0989i	0.0197-0.0018i	-0.4451-0.0704i
4.6	-0.0197-0.0035i	-0.7310-0.1005i	-0.0217-0.0006i	-0.0173+0.0061i	-0.7099-0.0963i	0.0223-0.0033i	-0.4295-0.0693i
4.7	-0.0198-0.0035i	-0.7187-0.0916i	-0.0236+0.0003i	-0.0191+0.0038i	-0.6982-0.0874i	0.0238-0.0028i	-0.4093-0.0619i
4.8	-0.0206-0.0026i	-0.7079-0.0973i	-0.0255+0.0002i	-0.0194+0.0046i	-0.6883-0.0927i	0.0271-0.0023i	-0.3889-0.0654i
4.9	-0.0195-0.0004i	-0.7047-0.0907i	-0.0255+0.0012i	-0.0185+0.0042i	-0.6842-0.0855i	0.0304-0.0008i	-0.3752-0.0602i
5.0	-0.0180+0.0001i	-0.6947-0.0830i	-0.0250+0.0008i	-0.0175+0.0028i	-0.6740-0.0781i	0.0350+0.0001i	-0.3547-0.0550i
5.1	-0.0191-0.0015i	-0.6841-0.0901i	-0.0270+0.0009i	-0.0187+0.0028i	-0.6643-0.0872i	0.0368-0.0002i	-0.3362-0.0617i
5.2	-0.0183-0.0013i	-0.6724-0.0936i	-0.0275+0.0021i	-0.0181+0.0027i	-0.6529-0.0909i	0.0414+0.0004i	-0.3146-0.0660i
5.3	-0.0182-0.0011i	-0.6642-0.0957i	-0.0290+0.0005i	-0.0189+0.0014i	-0.6444-0.0931i	0.0459-0.0013i	-0.2974-0.0698i
5.4	-0.0154-0.0001i	-0.6659-0.1060i	-0.0264+0.0034i	-0.0174+0.0029i	-0.6458-0.1017i	0.0535-0.0004i	-0.2856-0.0762i
5.5	-0.0139+0.0021i	-0.6654-0.1090i	-0.0283+0.0073i	-0.0156+0.0041i	-0.6448-0.1039i	0.0552+0.0043i	-0.2748-0.0788i
5.6	-0.0106+0.0015i	-0.6715-0.1207i	-0.0255+0.0069i	-0.0113+0.0020i	-0.6510-0.1165i	0.0611+0.0043i	-0.2641-0.0908i

5.7	-0.0106+0.0000i	-0.6799-0.1321i	-0.0212+0.0072i	-0.0095+0.0013i	-0.6592-0.1274i	0.0687+0.0032i	-0.2595-0.0996i
5.8	-0.0111-0.0027i	-0.6928-0.1369i	-0.0190+0.0040i	-0.0105-0.0011i	-0.6713-0.1318i	0.0746-0.0013i	-0.2556-0.1041i
5.9	-0.0109-0.0024i	-0.7026-0.1361i	-0.0160+0.0055i	-0.0121-0.0019i	-0.6803-0.1304i	0.0807+0.0008i	-0.2488-0.1013i
6.0	-0.0101-0.0042i	-0.7129-0.1177i	-0.0086-0.0021i	-0.0118-0.0055i	-0.6905-0.1115i	0.0937-0.0041i	-0.2415-0.0844i
6.1	-0.0102-0.0063i	-0.7181-0.1145i	-0.0073-0.0058i	-0.0105-0.0058i	-0.6959-0.1091i	0.0993-0.0078i	-0.2315-0.0831i
6.2	-0.0110-0.0074i	-0.7207-0.1134i	-0.0081-0.0056i	-0.0104-0.0069i	-0.6983-0.1083i	0.1026-0.0082i	-0.2210-0.0822i
6.3	-0.0137-0.0075i	-0.7262-0.1021i	-0.0031-0.0112i	-0.0125-0.0080i	-0.7022-0.0970i	0.1130-0.0117i	-0.2092-0.0718i
6.4	-0.0163-0.0091i	-0.7296-0.0930i	0.0062-0.0133i	-0.0145-0.0080i	-0.7051-0.0883i	0.1276-0.0116i	-0.1950-0.0633i
6.5	-0.0146-0.0092i	-0.7335-0.0936i	0.0171-0.0123i	-0.0136-0.0092i	-0.7077-0.0890i	0.1432-0.0125i	-0.1824-0.0670i
6.6	-0.0152-0.0101i	-0.7376-0.0941i	0.0237-0.0100i	-0.0141-0.0096i	-0.7122-0.0895i	0.1556-0.0090i	-0.1697-0.0660i
6.7	-0.0169-0.0097i	-0.7369-0.0870i	0.0395-0.0222i	-0.0147-0.0099i	-0.7115-0.0821i	0.1792-0.0205i	-0.1507-0.0614i
6.8	-0.0165-0.0103i	-0.7352-0.0778i	0.0730-0.0320i	-0.0146-0.0116i	-0.7096-0.0733i	0.2179-0.0292i	-0.1308-0.0535i
6.9	-0.0174-0.0113i	-0.7334-0.0752i	0.0968-0.0488i	-0.0145-0.0115i	-0.7075-0.0705i	0.2465-0.0466i	-0.1118-0.0516i
7.0	-0.0214-0.0130i	-0.7330-0.0724i	0.1463-0.1362i	-0.0172-0.0134i	-0.7067-0.0689i	0.3004-0.1313i	-0.0917-0.0504i
7.1	-0.0256-0.0146i	-0.7361-0.0698i	0.1972-0.3137i	-0.0216-0.0154i	-0.7081-0.0674i	0.3575-0.3051i	-0.0731-0.0508i
7.2	-0.0307-0.0098i	-0.7329-0.0689i	-0.0015-0.4900i	-0.0263-0.0108i	-0.7051-0.0681i	0.1693-0.4793i	-0.0541-0.0512i
7.3	-0.0292-0.0059i	-0.7301-0.0749i	-0.2244-0.3732i	-0.0243-0.0070i	-0.7039-0.0723i	-0.0414-0.3651i	-0.0330-0.0568i
7.4	-0.0254-0.0044i	-0.7320-0.0742i	-0.3055-0.1983i	-0.0198-0.0066i	-0.7064-0.0700i	-0.1150-0.1930i	-0.0152-0.0534i
7.5	-0.0232-0.0050i	-0.7346-0.0737i	-0.2980-0.1204i	-0.0177-0.0060i	-0.7076-0.0703i	-0.0985-0.1165i	0.0054-0.0540i
7.6	-0.0240-0.0043i	-0.7397-0.0736i	-0.2660-0.0969i	-0.0167-0.0059i	-0.7121-0.0712i	-0.0588-0.0948i	0.0215-0.0543i
7.7	-0.0231-0.0063i	-0.7417-0.0776i	-0.2202-0.0641i	-0.0161-0.0084i	-0.7130-0.0735i	-0.0060-0.0629i	0.0477-0.0553i
7.8	-0.0231-0.0067i	-0.7451-0.0790i	-0.2074-0.0548i	-0.0156-0.0099i	-0.7152-0.0739i	0.0126-0.0532i	0.0670-0.0591i
7.9	-0.0263-0.0068i	-0.7522-0.0776i	-0.1936-0.0796i	-0.0163-0.0105i	-0.7230-0.0737i	0.0342-0.0768i	0.0847-0.0596i
8.0	-0.0279-0.0072i	-0.7581-0.0772i	-0.1974-0.1032i	-0.0173-0.0108i	-0.7276-0.0736i	0.0409-0.1021i	0.1074-0.0608i
8.1	-0.0276-0.0067i	-0.7602-0.0726i	-0.2027-0.0758i	-0.0174-0.0108i	-0.7297-0.0688i	0.0436-0.0737i	0.1289-0.0559i
8.2	-0.0287-0.0053i	-0.7629-0.0678i	-0.2162-0.0691i	-0.0177-0.0099i	-0.7320-0.0638i	0.0379-0.0666i	0.1495-0.0514i
8.3	-0.0305-0.0040i	-0.7709-0.0637i	-0.2203-0.0615i	-0.0174-0.0089i	-0.7377-0.0602i	0.0445-0.0600i	0.1736-0.0506i
8.4	-0.0330-0.0030i	-0.7718-0.0640i	-0.2273-0.0480i	-0.0181-0.0097i	-0.7381-0.0626i	0.0484-0.0472i	0.2029-0.0548i
8.5	-0.0327-0.0037i	-0.7731-0.0617i	-0.2201-0.0480i	-0.0180-0.0105i	-0.7390-0.0602i	0.0631-0.0482i	0.2252-0.0583i
8.6	-0.0333-0.0036i	-0.7778-0.0610i	-0.2126-0.0439i	-0.0184-0.0112i	-0.7429-0.0596i	0.0820-0.0459i	0.2581-0.0588i
8.7	-0.0344-0.0017i	-0.7789-0.0628i	-0.2198-0.0386i	-0.0180-0.0101i	-0.7425-0.0622i	0.0842-0.0402i	0.2866-0.0614i
8.8	-0.0348-0.0003i	-0.7791-0.0639i	-0.2034-0.0329i	-0.0174-0.0097i	-0.7413-0.0635i	0.1101-0.0350i	0.3159-0.0670i
8.9	-0.0348+0.0012i	-0.7811-0.0672i	-0.1937-0.0525i	-0.0152-0.0113i	-0.7422-0.0678i	0.1299-0.0552i	0.3487-0.0729i
9.0	-0.0356+0.0020i	-0.7855-0.0688i	-0.2134-0.0657i	-0.0174-0.0116i	-0.7462-0.0700i	0.1215-0.0670i	0.3756-0.0748i
9.1	-0.0381+0.0033i	-0.7890-0.0680i	-0.2170-0.0635i	-0.0186-0.0111i	-0.7502-0.0680i	0.1292-0.0691i	0.4027-0.0853i
9.2	-0.0388+0.0021i	-0.7937-0.0709i	-0.1847-0.0671i	-0.0165-0.0124i	-0.7535-0.0710i	0.1708-0.0769i	0.4404-0.0976i
9.3	-0.0397+0.0051i	-0.7972-0.0749i	-0.1910-0.1236i	-0.0187-0.0099i	-0.7571-0.0766i	0.1750-0.1291i	0.4734-0.1079i
9.4	-0.0407+0.0088i	-0.8045-0.0799i	-0.2278-0.1739i	-0.0200-0.0083i	-0.7638-0.0843i	0.1518-0.1760i	0.4971-0.1231i
9.5	-0.0375+0.0138i	-0.8131-0.0898i	-0.2935-0.1784i	-0.0154-0.0083i	-0.7717-0.0944i	0.1083-0.1839i	0.5287-0.1471i
9.6	-0.0340+0.0150i	-0.8168-0.0962i	-0.3533-0.1554i	-0.0118-0.0066i	-0.7739-0.1000i	0.0611-0.1649i	0.5563-0.1619i
9.7	-0.0303+0.0138i	-0.8252-0.1030i	-0.3746-0.0970i	-0.0092-0.0090i	-0.7829-0.1073i	0.0545-0.1127i	0.5898-0.1773i
9.8	-0.0271+0.0131i	-0.8388-0.1111i	-0.3766-0.0678i	-0.0067-0.0123i	-0.7945-0.1175i	0.0685-0.0903i	0.6185-0.2047i
9.9	-0.0263+0.0121i	-0.8507-0.1130i	-0.3784-0.0558i	-0.0072-0.0135i	-0.8046-0.1205i	0.0791-0.0834i	0.6338-0.2247i
10.0	-0.0246+0.0087i	-0.8696-0.1202i	-0.3746-0.0500i	-0.0051-0.0173i	-0.8206-0.1293i	0.0978-0.0863i	0.6580-0.2580i
10.1	-0.0225+0.0059i	-0.8871-0.1267i	-0.3702-0.0385i	-0.0021-0.0185i	-0.8385-0.1373i	0.1140-0.0836i	0.6747-0.2816i
10.2	-0.0172+0.0013i	-0.9077-0.1272i	-0.3730-0.0326i	-0.0026-0.0201i	-0.8621-0.1397i	0.1166-0.0823i	0.6657-0.2915i
10.3	-0.0138-0.0023i	-0.9291-0.1267i	-0.3793-0.0268i	-0.0032-0.0232i	-0.8850-0.1405i	0.1184-0.0821i	0.6631-0.3033i
10.4	-0.0150-0.0117i	-0.9551-0.1286i	-0.3842-0.0193i	-0.0040-0.0271i	-0.9110-0.1415i	0.1232-0.0840i	0.6695-0.3141i
10.5	-0.0189-0.0205i	-0.9741-0.1184i	-0.3876-0.0143i	-0.0070-0.0276i	-0.9289-0.1298i	0.1287-0.0814i	0.6696-0.3088i
10.6	-0.0304-0.0291i	-0.9978-0.1064i	-0.3920-0.0097i	-0.0062-0.0291i	-0.9535-0.1180i	0.1339-0.0781i	0.6805-0.2940i
10.7	-0.0422-0.0315i	-1.0209-0.0929i	-0.3968-0.0103i	-0.0058-0.0306i	-0.9764-0.1044i	0.1347-0.0750i	0.6921-0.2726i
10.8	-0.0527-0.0289i	-1.0349-0.0818i	-0.4021-0.0091i	-0.0088-0.0309i	-0.9895-0.0926i	0.1383-0.0730i	0.7117-0.2644i
10.9	-0.0635-0.0195i	-1.0486-0.0584i	-0.4039-0.0042i	-0.0079-0.0324i	-1.0033-0.0696i	0.1482-0.0702i	0.7436-0.2650i
11.0	-0.0653-0.0154i	-1.0522-0.0448i	-0.4057-0.0066i	-0.0073-0.0370i	-1.0089-0.0568i	0.1569-0.0718i	0.7672-0.2466i
11.1	-0.0669-0.0133i	-1.0525-0.0371i	-0.4108-0.0149i	-0.0113-0.0410i	-1.0079-0.0489i	0.1648-0.0738i	0.7921-0.2244i
11.2	-0.0741-0.0122i	-1.0664-0.0307i	-0.4320-0.0257i	-0.0150-0.0419i	-1.0175-0.0431i	0.1655-0.0751i	0.8452-0.2040i
11.3	-0.0757-0.0088i	-1.0715-0.0286i	-0.4450-0.0284i	-0.0169-0.0416i	-1.0256-0.0405i	0.1683-0.0765i	0.8777-0.1931i
11.4	-0.0794-0.0004i	-1.0808-0.0117i	-0.4609-0.0248i	-0.0185-0.0430i	-1.0341-0.0225i	0.1748-0.0739i	0.9300-0.1942i
11.5	-0.0823+0.0006i	-1.0923-0.0097i	-0.4785-0.0253i	-0.0211-0.0413i	-1.0432-0.0224i	0.1801-0.0689i	0.9820-0.1759i
11.6	-0.0871+0.0015i	-1.1071-0.0049i	-0.4946-0.0244i	-0.0228-0.0415i	-1.0559-0.0174i	0.1830-0.0649i	1.0301-0.1699i
11.7	-0.0921+0.0086i	-1.1209+0.0067i	-0.5145-0.0193i	-0.0242-0.0411i	-1.0662-0.0046i	0.1922-0.0607i	1.0944-0.1701i
11.8	-0.0950+0.0109i	-1.1340+0.0119i	-0.5309-0.0125i	-0.0254-0.0371i	-1.0766-0.0014i	0.2014-0.0516i	1.1565-0.1646i
11.9	-0.1001+0.0187i	-1.1484+0.0204i	-0.5449-0.0062i	-0.0253-0.0360i	-1.0909+0.0048i	0.2110-0.0423i	1.2124-0.1616i

12.0	-0.1062+0.0240i	-1.1704+0.0263i	-0.5620+0.0009i	-0.0230-0.0355i	-1.1105+0.0109i	0.2244-0.0394i	1.2793-0.1705i
12.1	-0.1096+0.0313i	-1.1931+0.0347i	-0.5781+0.0070i	-0.0187-0.0361i	-1.1301+0.0177i	0.2384-0.0376i	1.3475-0.1796i
12.2	-0.1148+0.0404i	-1.2160+0.0496i	-0.5949+0.0123i	-0.0169-0.0371i	-1.1494+0.0308i	0.2530-0.0394i	1.4201-0.2068i
12.3	-0.1214+0.0527i	-1.2368+0.0745i	-0.6136+0.0167i	-0.0136-0.0402i	-1.1672+0.0537i	0.2691-0.0404i	1.5021-0.2342i
12.4	-0.1244+0.0663i	-1.2572+0.1033i	-0.6310+0.0234i	-0.0082-0.0465i	-1.1833+0.0778i	0.2826-0.0410i	1.5789-0.2668i
12.5	-0.1269+0.0867i	-1.2864+0.1434i	-0.6553+0.0304i	-0.0040-0.0577i	-1.2105+0.1109i	0.3034-0.0405i	1.6596-0.3197i
12.6	-0.1232+0.1064i	-1.2941+0.1872i	-0.6694+0.0432i	-0.0064-0.0656i	-1.2191+0.1460i	0.3180-0.0489i	1.7094-0.3864i
12.7	-0.1072+0.1306i	-1.2778+0.2402i	-0.6835+0.0601i	-0.0123-0.0766i	-1.2052+0.1910i	0.3272-0.0561i	1.7325-0.4648i
12.8	-0.0769+0.1486i	-1.2317+0.2850i	-0.6957+0.0766i	-0.0234-0.0868i	-1.1675+0.2306i	0.3365-0.0638i	1.7295-0.5360i
12.9	-0.0471+0.1589i	-1.1862+0.3092i	-0.7116+0.0867i	-0.0383-0.0925i	-1.1313+0.2498i	0.3461-0.0699i	1.7080-0.5749i
13.0	-0.0192+0.1526i	-1.1369+0.3045i	-0.7200+0.0947i	-0.0551-0.0866i	-1.0930+0.2440i	0.3508-0.0741i	1.6799-0.5783i
13.1	0.0096+0.1351i	-1.0969+0.2657i	-0.7308+0.0950i	-0.0659-0.0798i	-1.0601+0.2128i	0.3614-0.0717i	1.6818-0.5362i
13.2	0.0259+0.1179i	-1.0758+0.2250i	-0.7437+0.0925i	-0.0692-0.0718i	-1.0420+0.1801i	0.3704-0.0695i	1.7053-0.4878i
13.3	0.0352+0.0957i	-1.0812+0.1880i	-0.7728+0.0897i	-0.0698-0.0638i	-1.0511+0.1486i	0.3797-0.0694i	1.7620-0.4384i
13.4	0.0365+0.0801i	-1.0898+0.1682i	-0.7937+0.0982i	-0.0716-0.0598i	-1.0595+0.1333i	0.3916-0.0692i	1.8294-0.4171i
13.5	0.0306+0.0647i	-1.1048+0.1376i	-0.8266+0.1059i	-0.0759-0.0539i	-1.0715+0.1046i	0.4002-0.0623i	1.9125-0.3964i
13.6	0.0255+0.0466i	-1.1351+0.0981i	-0.8629+0.1288i	-0.0748-0.0492i	-1.0983+0.0709i	0.4164-0.0500i	2.0106-0.3807i
13.7	0.0193+0.0367i	-1.1748+0.0862i	-0.8871+0.1502i	-0.0724-0.0444i	-1.1390+0.0624i	0.4445-0.0433i	2.1112-0.3752i
13.8	0.0111+0.0303i	-1.2153+0.0793i	-0.9135+0.1613i	-0.0703-0.0410i	-1.1759+0.0555i	0.4689-0.0433i	2.2023-0.3755i
13.9	0.0078+0.0285i	-1.2559+0.0834i	-0.9441+0.1877i	-0.0662-0.0364i	-1.2118+0.0592i	0.4941-0.0473i	2.3130-0.4025i
14.0	0.0044+0.0272i	-1.2920+0.0872i	-0.9704+0.2098i	-0.0625-0.0341i	-1.2454+0.0640i	0.5215-0.0480i	2.4182-0.4113i
14.1	0.0063+0.0197i	-1.3213+0.0940i	-0.9923+0.2304i	-0.0543-0.0351i	-1.2730+0.0708i	0.5476-0.0544i	2.5241-0.4365i
14.2	0.0083+0.0094i	-1.3502+0.1050i	-1.0201+0.2514i	-0.0468-0.0439i	-1.2993+0.0854i	0.5717-0.0651i	2.6274-0.4726i
14.3	-0.0008-0.0023i	-1.3846+0.1323i	-1.0653+0.2907i	-0.0499-0.0626i	-1.3300+0.1118i	0.5933-0.0774i	2.7483-0.5415i
14.4	-0.0169-0.0091i	-1.3917+0.1545i	-1.0954+0.3342i	-0.0688-0.0705i	-1.3316+0.1336i	0.6117-0.0847i	2.8361-0.6042i
14.5	-0.0412-0.0067i	-1.4097+0.1639i	-1.1359+0.4024i	-0.0953-0.0600i	-1.3472+0.1411i	0.6381-0.0858i	2.9450-0.6705i
14.6	-0.0502+0.0072i	-1.4211+0.1772i	-1.1609+0.4848i	-0.1027-0.0408i	-1.3592+0.1538i	0.6494-0.0952i	3.0269-0.7629i
14.7	-0.0528+0.0207i	-1.4264+0.2059i	-1.1140+0.6320i	-0.1000-0.0215i	-1.3643+0.1777i	0.6656-0.0973i	3.0453-0.9140i
14.8	-0.0469+0.0254i	-1.4226+0.2136i	-0.9764+0.7171i	-0.0817-0.0059i	-1.3623+0.1866i	0.6913-0.0967i	2.9743-1.0092i
14.9	-0.0371+0.0232i	-1.4047+0.1943i	-0.8137+0.6928i	-0.0620-0.0021i	-1.3451+0.1718i	0.7212-0.0805i	2.8797-0.9543i
15.0	-0.0302+0.0186i	-1.4007+0.1536i	-0.7216+0.5842i	-0.0493-0.0089i	-1.3434+0.1389i	0.7617-0.0648i	2.8733-0.8008i
15.1	-0.0300+0.0125i	-1.4368+0.1125i	-0.7386+0.4358i	-0.0441-0.0206i	-1.3754+0.1027i	0.8175-0.0732i	3.0248-0.6418i
15.2	-0.0344+0.0060i	-1.4946+0.0763i	-0.8061+0.3241i	-0.0442-0.0296i	-1.4246+0.0680i	0.8801-0.0851i	3.2413-0.5319i
15.3	-0.0401+0.0011i	-1.5555+0.0582i	-0.8845+0.2634i	-0.0425-0.0364i	-1.4811+0.0505i	0.9359-0.0968i	3.4534-0.4730i
15.4	-0.0413-0.0019i	-1.6227+0.0610i	-0.9839+0.2388i	-0.0434-0.0438i	-1.5399+0.0571i	0.9936-0.1155i	3.7040-0.4707i
15.5	-0.0450-0.0069i	-1.6835+0.0600i	-1.0710+0.2345i	-0.0447-0.0515i	-1.5925+0.0577i	1.0529-0.1431i	3.9456-0.5048i
15.6	-0.0530-0.0118i	-1.7400+0.0669i	-1.1511+0.2323i	-0.0486-0.0570i	-1.6449+0.0615i	1.1187-0.1799i	4.1777-0.5521i
15.7	-0.0622-0.0145i	-1.8213+0.0808i	-1.2704+0.2383i	-0.0495-0.0625i	-1.7214+0.0750i	1.1980-0.2251i	4.4913-0.6147i
15.8	-0.0672-0.0166i	-1.8976+0.1104i	-1.3723+0.2701i	-0.0514-0.0687i	-1.7903+0.1041i	1.2701-0.2899i	4.7718-0.7434i
15.9	-0.0787-0.0237i	-1.9799+0.1529i	-1.4965+0.3221i	-0.0605-0.0751i	-1.8635+0.1424i	1.3370-0.3847i	5.0790-0.9324i
16.0	-0.0923-0.0285i	-2.0562+0.1888i	-1.6267+0.4085i	-0.0705-0.0844i	-1.9324+0.1788i	1.4021-0.4837i	5.3868-1.1645i
16.1	-0.1088-0.0271i	-2.1295+0.2734i	-1.7241+0.5532i	-0.0807-0.0878i	-1.9966+0.2568i	1.4207-0.6257i	5.6105-1.5309i
16.2	-0.1242-0.0190i	-2.1713+0.3660i	-1.7694+0.6926i	-0.0875-0.0850i	-2.0319+0.3424i	1.3919-0.7428i	5.6934-1.8666i
16.3	-0.1430-0.0126i	-2.2300+0.4920i	-1.8073+0.9218i	-0.1026-0.0860i	-2.0805+0.4568i	1.3598-0.9074i	5.7856-2.3965i
16.4	-0.1487+0.0023i	-2.2137+0.5866i	-1.7785+1.0845i	-0.1131-0.0788i	-2.0645+0.5437i	1.2903-1.0152i	5.7290-2.7487i
16.5	-0.1494+0.0241i	-2.1180+0.6640i	-1.6121+1.2248i	-0.1252-0.0631i	-1.9752+0.6128i	1.1460-1.0396i	5.4056-2.9681i
16.6	-0.1363+0.0373i	-2.0230+0.6423i	-1.3868+1.2332i	-0.1199-0.0409i	-1.8854+0.5916i	1.0025-0.9615i	5.0352-2.8873i
16.7	-0.1274+0.0317i	-2.0019+0.5689i	-1.2631+1.1634i	-0.1082-0.0324i	-1.8658+0.5202i	0.9657-0.8812i	4.9127-2.7057i
16.8	-0.1263+0.0155i	-2.0748+0.4872i	-1.2588+1.0375i	-0.1013-0.0395i	-1.9342+0.4439i	1.0537-0.8218i	5.1150-2.4877i
16.9	-0.1437+0.0078i	-2.1881+0.4841i	-1.3516+1.0276i	-0.1093-0.0401i	-2.0337+0.4414i	1.1528-0.9208i	5.4454-2.6175i
17.0	-0.1523+0.0048i	-2.2308+0.5353i	-1.3701+1.0574i	-0.1072-0.0349i	-2.0684+0.4900i	1.1265-1.0674i	5.5439-2.8541i
17.1	-0.1631-0.0068i	-2.2364+0.4810i	-1.3909+0.9281i	-0.1080-0.0352i	-2.0711+0.4403i	0.9985-0.9973i	5.5369-2.6301i
17.2	-0.1878-0.0132i	-2.3493+0.3581i	-1.6064+0.7878i	-0.1053-0.0327i	-2.1743+0.3213i	1.0197-0.7640i	5.9754-2.2178i
17.3	-0.2158+0.0104i	-2.5460+0.4238i	-1.8344+0.9813i	-0.1139-0.0288i	-2.3585+0.3805i	1.2397-0.8066i	6.6304-2.5797i
17.4	-0.2225+0.0479i	-2.7133+0.5641i	-1.9160+1.2762i	-0.1024-0.0158i	-2.5083+0.5034i	1.4234-0.9403i	7.0723-3.1610i
17.5	-0.2153+0.0596i	-2.8008+0.6938i	-1.9100+1.4579i	-0.0842-0.0220i	-2.5861+0.6219i	1.5137-1.1148i	7.3062-3.6464i
17.6	-0.2168+0.0537i	-2.8515+0.8164i	-1.8985+1.5898i	-0.0848-0.0386i	-2.6337+0.7349i	1.5107-1.3106i	7.3885-4.1451i
17.7	-0.2315+0.0597i	-2.9068+0.9570i	-1.8152+1.8350i	-0.0947-0.0516i	-2.6800+0.8595i	1.4262-1.5423i	7.3051-4.8297i
17.8	-0.2382+0.0558i	-2.8523+1.0467i	-1.5615+1.9413i	-0.1019-0.0613i	-2.6272+0.9442i	1.2427-1.6815i	6.8520-5.2051i
17.9	-0.2459+0.0456i	-2.7996+1.0433i	-1.3442+1.8207i	-0.1186-0.0704i	-2.5791+0.9408i	1.0636-1.6748i	6.4401-5.0724i
18.0	-0.2678+0.0345i	-2.8130+0.9841i	-1.2971+1.6680i	-0.1364-0.0735i	-2.5893+0.8884i	0.9750-1.6266i	6.3650-4.8210i
18.1	-0.3038+0.0592i	-2.9294+0.9613i	-1.4269+1.5727i	-0.1589-0.0534i	-2.6895+0.8627i	0.9242-1.5664i	6.6462-4.6760i
18.2	-0.3242+0.0855i	-3.0425+1.0050i	-1.5125+1.6061i	-0.1702-0.0349i	-2.7865+0.8983i	0.8802-1.5701i	6.8608-4.8045i

18.3	-0.3430+0.1149i	-3.1713+1.0305i	-1.6054+1.6330i	-0.1774-0.0126i	-2.9001+0.9142i	0.8444-1.5096i	7.0977-4.8538i
18.4	-0.3625+0.1602i	-3.3174+1.1075i	-1.7530+1.7607i	-0.1729+0.0202i	-3.0286+0.9763i	0.8311-1.4700i	7.4750-5.0600i
18.5	-0.3482+0.2311i	-3.4301+1.2264i	-1.7950+2.0672i	-0.1505+0.0688i	-3.1292+1.0735i	0.7965-1.4113i	7.7022-5.5180i
18.6	-0.2746+0.2505i	-3.4590+1.3533i	-1.4835+2.3001i	-0.0859+0.0681i	-3.1610+1.1823i	0.8633-1.3489i	7.5360-5.9204i
18.7	-0.2381+0.1865i	-3.4683+1.3423i	-1.1014+2.1139i	-0.0541+0.0094i	-3.1704+1.1699i	0.9069-1.3782i	7.1918-5.8708i
18.8	-0.2878+0.1614i	-3.6035+1.2960i	-1.1557+1.8619i	-0.0919-0.0081i	-3.2912+1.1240i	0.8643-1.3508i	7.3195-5.5869i
18.9	-0.3247+0.1712i	-3.8211+1.2501i	-1.2768+1.7497i	-0.1088-0.0033i	-3.4862+1.0744i	0.8878-1.2635i	7.7332-5.4186i
19.0	-0.3419+0.1845i	-4.0685+1.2893i	-1.3500+1.6859i	-0.1056+0.0075i	-3.7127+1.1037i	0.9517-1.2060i	8.0906-5.3614i
19.1	-0.3647+0.1949i	-4.4172+1.3161i	-1.4930+1.6289i	-0.0968+0.0141i	-4.0357+1.1210i	1.0710-1.1538i	8.6704-5.3710i
19.2	-0.3862+0.2150i	-4.7992+1.4749i	-1.6692+1.6643i	-0.0927+0.0101i	-4.3900+1.2631i	1.2572-1.1637i	9.4195-5.6622i
19.3	-0.4010+0.2368i	-5.1534+1.6807i	-1.7964+1.7248i	-0.0846+0.0113i	-4.7170+1.4379i	1.3909-1.2130i	9.9829-6.0343i
19.4	-0.4188+0.2581i	-5.5395+1.9739i	-1.9263+1.7959i	-0.0755+0.0094i	-5.0708+1.6946i	1.5202-1.3028i	10.5560-6.5332i
19.5	-0.4289+0.2754i	-5.8585+2.3412i	-2.0170+1.8922i	-0.0721-0.0041i	-5.3697+2.0295i	1.6208-1.4137i	10.9774-7.0296i
19.6	-0.4538+0.3037i	-6.2995+2.8566i	-2.1293+2.0308i	-0.0678-0.0216i	-5.7795+2.5007i	1.6755-1.5826i	11.4493-7.7731i
19.7	-0.4719+0.3195i	-6.5089+3.1918i	-2.2095+2.0754i	-0.0767-0.0309i	-5.9689+2.8155i	1.6723-1.6490i	11.7428-8.0771i
19.8	-0.5124+0.3444i	-6.8764+3.7136i	-2.3195+2.1505i	-0.0952-0.0376i	-6.2984+3.2926i	1.6684-1.7007i	12.2175-8.5374i
19.9	-0.5709+0.3912i	-7.3800+4.3033i	-2.5157+2.2735i	-0.1150-0.0306i	-6.7500+3.8187i	1.7718-1.6993i	13.1026-9.1659i
20.0	-0.6131+0.4304i	-7.7947+4.6527i	-2.6942+2.3961i	-0.1310-0.0214i	-7.1231+4.1292i	1.9126-1.6778i	13.8933-9.6564i
20.1	-0.6617+0.5298i	-8.2893+5.8037i	-2.9117+2.6910i	-0.1364+0.0060i	-7.5771+5.1605i	2.1625-1.7466i	14.9643-10.9390i
20.2	-0.6775+0.6340i	-8.5567+6.8769i	-3.0365+3.0067i	-0.1219+0.0399i	-7.8147+6.1276i	2.3475-1.9116i	15.6834-12.3543i
20.3	-0.6683+0.7724i	-8.7582+8.5639i	-3.1010+3.3978i	-0.0946+0.0714i	-8.0064+7.6521i	2.5859-2.2002i	16.3634-14.4000i
20.4	-0.6331+0.8756i	-8.5307+10.2927i	-3.0670+3.7175i	-0.0620+0.0717i	-7.8028+9.2193i	2.7175-2.5102i	16.4915-16.3326i
20.5	-0.5678+0.9794i	-7.6991+11.9771i	-2.9864+4.1230i	-0.0345+0.0579i	-7.0551+10.7346i	2.7615-2.9113i	16.0600-18.7399i
20.6	-0.4821+1.0678i	-6.1385+13.5780i	-2.8541+4.4571i	-0.0067+0.0426i	-5.6466+12.1669i	2.7029-3.2755i	15.0660-20.7744i
20.7	-0.3865+1.1474i	-4.6704+14.7834i	-2.6802+4.8049i	0.0260+0.0289i	-4.3210+13.2489i	2.6446-3.6330i	13.9847-22.6084i
20.8	-0.2491+1.1983i	-2.9364+15.6317i	-2.3395+5.0788i	0.0689+0.0028i	-2.7668+14.0140i	2.5478-4.0279i	12.3727-24.2640i
20.9	-0.1895+1.1770i	-1.3182+16.0305i	-2.1797+5.1020i	0.0571-0.0621i	-1.3037+14.3773i	2.3768-4.3262i	11.2118-25.0818i
21.0	-0.1421+1.1963i	0.2055+16.2044i	-2.0925+5.2687i	0.0484-0.0847i	0.0737+14.5359i	2.2158-4.5435i	10.2655-25.8725i
21.1	-0.0794+1.2205i	2.0155+15.8029i	-1.9579+5.5113i	0.0491-0.1104i	1.7080+14.1696i	2.0093-4.8049i	9.0621-26.8191i
21.2	-0.0102+1.2489i	3.5743+15.4333i	-1.8399+5.7210i	0.0738-0.1326i	3.1223+13.8235i	1.8513-5.0231i	8.0483-27.6470i
21.3	0.0598+1.2632i	4.7769+14.8832i	-1.6823+5.9145i	0.0817-0.1744i	4.2070+13.3109i	1.6750-5.2736i	7.0483-28.5114i
21.4	0.0988+1.2615i	5.7745+13.9382i	-1.5743+6.1546i	0.0613-0.2601i	5.1010+12.4400i	1.4424-5.5850i	6.1360-29.5532i
21.5	0.1240+1.3182i	6.4001+13.3238i	-1.4517+6.5861i	0.0358-0.3267i	5.6675+11.8540i	1.1945-5.9097i	5.3846-31.2538i
21.6	0.2025+1.3660i	7.2043+13.0992i	-1.0926+6.9442i	-0.0023-0.3942i	6.3723+11.6206i	0.8555-6.2753i	3.6061-33.0874i
21.7	0.2960+1.4331i	7.9655+12.6616i	-0.5808+7.3104i	-0.1152-0.4394i	7.0222+11.1952i	0.2447-6.5261i	0.7669-34.7400i
21.8	0.4061+1.4796i	9.0094+11.9201i	0.1070+7.5746i	-0.2625-0.4597i	7.9263+10.4999i	-0.5785-6.6055i	-2.9569-35.6527i
21.9	0.5562+1.4879i	10.0900+11.2842i	0.7905+7.4995i	-0.3535-0.4105i	8.8517+9.9227i	-1.2050-6.3850i	-6.5939-35.0533i
22.0	0.7356+1.4744i	10.9552+10.4147i	1.4909+7.2696i	-0.4298-0.3352i	9.5832+9.1461i	-1.7520-6.0130i	-10.0181-33.6861i
22.1	0.9014+1.4321i	11.7378+9.4617i	2.0717+6.8869i	-0.4810-0.2606i	10.2348+8.3033i	-2.1470-5.5489i	-12.9022-31.7177i
22.2	1.0529+1.3704i	12.3433+8.5804i	2.4590+6.4328i	-0.5129-0.1790i	10.7359+7.5292i	-2.3479-5.0829i	-15.0034-29.5633i
22.3	1.2031+1.2567i	12.8825+7.5403i	2.6727+5.8097i	-0.5010-0.0796i	11.1810+6.6288i	-2.3744-4.5404i	-16.3459-26.6356i
22.4	1.2700+1.1097i	13.2847+6.6385i	2.6159+5.2448i	-0.4816-0.0367i	11.5202+5.8512i	-2.2868-4.1882i	-16.6200-24.1071i
22.5	1.3412+0.9633i	13.6750+5.5412i	2.4111+4.7540i	-0.4678+0.0134i	11.8492+4.9004i	-2.1146-3.8484i	-16.5847-21.6758i
22.6	1.3950+0.8605i	14.0441+4.6833i	2.1828+4.4798i	-0.4473+0.0610i	12.1652+4.1594i	-1.9342-3.6445i	-16.2965-20.0757i
22.7	1.4172+0.7635i	14.2593+3.9106i	1.8817+4.3096i	-0.4342+0.1085i	12.3502+3.4951i	-1.7367-3.5071i	-15.7485-18.7909i
22.8	1.4425+0.6676i	14.5474+2.6774i	1.4430+4.3057i	-0.3967+0.1666i	12.5995+2.4250i	-1.4091-3.4281i	-14.7828-17.6610i
22.9	1.5018+0.5912i	14.7872+1.6310i	1.1147+4.3753i	-0.3267+0.2037i	12.7970+1.5182i	-1.0660-3.3868i	-13.9009-16.8015i
23.0	1.5874+0.4318i	15.2360+0.3225i	0.8032+4.4902i	-0.2110+0.2175i	13.1874+0.3938i	-0.6698-3.4978i	-13.1080-16.0479i
23.1	1.6059+0.2624i	15.3367-0.8279i	0.4989+4.6406i	-0.1430+0.1513i	13.2767-0.5986i	-0.3777-3.7753i	-12.1566-15.9198i
23.2	1.5655+0.0650i	15.2366-2.5017i	0.1286+4.9924i	-0.1265+0.0728i	13.1945-2.0516i	-0.1577-4.1829i	-11.1233-15.9549i
23.3	1.5045-0.0985i	14.9106-4.3429i	-0.0894+5.6168i	-0.1238+0.0228i	12.9201-3.6551i	-0.0615-4.6936i	-10.5027-16.5657i
23.4	1.3982-0.2764i	14.3054-6.4492i	-0.2404+6.4132i	-0.1449-0.0339i	12.3981-5.4849i	-0.0509-5.3564i	-9.9690-17.4611i
23.5	1.2457-0.4343i	12.9039-8.3240i	-0.0233+7.2718i	-0.1980-0.0889i	11.1866-7.1118i	-0.3108-6.0429i	-9.9972-18.6230i
23.6	1.0957-0.5237i	11.1704-9.7625i	0.4508+8.0064i	-0.2471-0.1172i	9.6795-8.3662i	-0.7079-6.5389i	-10.4401-19.4786i
23.7	0.8538-0.5752i	8.5196-11.0335i	1.3871+8.8263i	-0.3413-0.1400i	7.3808-9.4865i	-1.4876-7.0832i	-11.5700-20.6171i
23.8	0.6968-0.5488i	6.6217-11.3696i	2.0804+9.2612i	-0.3990-0.1129i	5.7309-9.7929i	-2.0445-7.3424i	-12.4647-21.3028i
23.9	0.5651-0.4620i	4.5929-10.8251i	3.0817+9.3079i	-0.4414-0.0385i	3.9586-9.3299i	-2.8105-7.2950i	-14.1139-21.3948i
24.0	0.4542-0.3800i	2.7210-9.8075i	4.0999+9.0284i	-0.4777+0.0014i	2.3202-8.4500i	-3.5613-7.0770i	-15.7174-20.8291i
24.1	0.3995-0.2998i	1.3610-9.1784i	4.8934+8.9877i	-0.4654+0.0534i	1.1343-7.9057i	-4.0890-7.0077i	-16.9851-20.7349i
24.2	0.3748-0.2437i	0.6970-8.2909i	5.4555+8.6413i	-0.4595+0.0794i	0.5554-7.1311i	-4.5078-6.7448i	-17.9683-20.0604i
24.3	0.3448-0.1633i	-0.2083-6.8503i	6.2730+7.9383i	-0.4555+0.1230i	-0.2419-5.8801i	-5.1187-6.2651i	-19.3502-18.6845i
24.4	0.3442-0.1281i	-0.5279-6.0660i	6.6649+7.5553i	-0.4417+0.1457i	-0.5222-5.1972i	-5.3937-6.0013i	-20.0331-17.8956i
24.5	0.3492-0.1051i	-0.5742-5.2701i	6.9375+7.0802i	-0.4216+0.1728i	-0.5655-4.4939i	-5.6023-5.6613i	-20.4695-16.9092i

24.6	0.3222-0.0717i	-0.7886-4.5211i	7.2501+6.5568i	-0.4338+0.2016i	-0.7553-3.8460i	-5.8793-5.2661i	-20.9322-15.7983i
24.7	0.3180-0.0347i	-0.6943-3.8400i	7.4083+6.0341i	-0.4233+0.2412i	-0.6742-3.2540i	-6.0358-4.8597i	-21.1485-14.7504i
24.8	0.2774-0.0182i	-0.7092-3.2876i	7.5886+5.6194i	-0.4505+0.2604i	-0.6839-2.7705i	-6.2355-4.5690i	-21.4680-13.9159i
24.9	0.2449+0.0703i	-0.5330-2.8232i	7.5981+5.1856i	-0.4431+0.3395i	-0.5307-2.3744i	-6.3206-4.1444i	-21.4244-12.8933i
25.0	0.2937+0.1484i	-0.3924-2.4663i	7.6942+4.8415i	-0.3643+0.4157i	-0.4161-2.0692i	-6.3360-3.7899i	-21.4538-12.0834i
25.1	0.3408+0.1487i	-0.3125-2.1463i	7.8069+4.4501i	-0.2905+0.4050i	-0.3484-1.7877i	-6.3487-3.4962i	-21.4694-11.3231i
25.2	0.3422+0.1452i	-0.2287-1.9281i	7.8292+4.1597i	-0.2648+0.3942i	-0.2788-1.5950i	-6.3499-3.2847i	-21.4440-10.7227i
25.3	0.3629+0.1602i	-0.1032-1.6297i	7.9199+3.7287i	-0.2128+0.3973i	-0.1741-1.3376i	-6.3817-2.9420i	-21.5067-9.7587i
25.4	0.3743+0.1208i	0.0268-1.4530i	7.9053+3.3906i	-0.1847+0.3440i	-0.0657-1.1796i	-6.3208-2.7340i	-21.3167-9.1350i
25.5	0.3470+0.1062i	0.1986-1.3834i	7.7808+3.1027i	-0.1939+0.2939i	0.0816-1.1175i	-6.2216-2.5579i	-20.9457-8.6394i
25.6	0.3041+0.1043i	0.3166-1.2074i	7.7281+2.7840i	-0.2200+0.2735i	0.1830-0.9634i	-6.1869-2.3500i	-20.7688-8.0745i
25.7	0.2383+0.1532i	0.5036-1.0838i	7.5992+2.4788i	-0.2628+0.2938i	0.3453-0.8576i	-6.1219-2.1487i	-20.5267-7.4914i
25.8	0.2107+0.2066i	0.6495-1.0365i	7.5209+2.2646i	-0.2814+0.3241i	0.4703-0.8187i	-6.0860-2.0019i	-20.3953-7.0854i
25.9	0.1703+0.2397i	0.6737-1.0047i	7.4985+2.1196i	-0.3221+0.3439i	0.4915-0.7878i	-6.0773-1.9229i	-20.3119-6.8141i
26.0	0.0999+0.3449i	0.8144-0.9324i	7.3726+1.8688i	-0.3788+0.4298i	0.6165-0.7251i	-6.0297-1.7882i	-20.0469-6.3799i
26.1	0.1049+0.5138i	1.0043-0.8924i	7.2011+1.6604i	-0.3654+0.5661i	0.7772-0.7010i	-5.9914-1.6336i	-19.8472-5.9162i
26.2	0.2059+0.6682i	1.1395-0.8909i	7.0257+1.5248i	-0.2631+0.6992i	0.8894-0.7080i	-5.9311-1.4968i	-19.5479-5.5877i
26.3	0.3272+0.7759i	1.2479-0.8831i	6.9230+1.4189i	-0.1405+0.7911i	0.9749-0.7056i	-5.8968-1.3749i	-19.3734-5.2831i
26.4	0.4611+0.8439i	1.4157-0.8302i	6.8127+1.2602i	0.0087+0.8361i	1.1052-0.6607i	-5.8479-1.2396i	-19.2402-4.9088i
26.5	0.5779+0.8604i	1.4941-0.8791i	6.7143+1.1614i	0.1348+0.8303i	1.1603-0.7026i	-5.8248-1.1663i	-19.1165-4.6514i
26.6	0.7205+0.8554i	1.6064-0.9702i	6.5655+1.1118i	0.2771+0.7976i	1.2431-0.7747i	-5.7777-1.0739i	-18.8839-4.3845i
26.7	0.8375+0.8560i	1.7730-0.9701i	6.4172+1.0627i	0.4084+0.7696i	1.3732-0.7697i	-5.7498-0.9567i	-18.7024-4.0560i
26.8	0.9013+0.8626i	1.8403-1.0039i	6.3663+1.0585i	0.4853+0.7378i	1.4252-0.7939i	-5.7839-0.8782i	-18.6649-3.8234i
26.9	0.9851+0.8736i	1.9211-1.0439i	6.3447+1.0859i	0.5672+0.7193i	1.4857-0.8219i	-5.7969-0.7948i	-18.5841-3.6540i
27.0	1.1389+0.8755i	2.1024-1.1387i	6.3330+1.1288i	0.7253+0.6712i	1.6305-0.8988i	-5.7847-0.6469i	-18.4166-3.3428i
27.1	1.3119+0.8476i	2.2779-1.2958i	6.3631+1.1291i	0.8965+0.5866i	1.7688-1.0259i	-5.7182-0.5074i	-18.2113-3.0607i
27.2	1.4659+0.7536i	2.4628-1.5378i	6.4227+1.1209i	1.0408+0.4462i	1.9181-1.2181i	-5.6374-0.4135i	-18.0154-2.8455i
27.3	1.6208+0.6198i	2.6563-1.8251i	6.5034+1.0721i	1.1878+0.2516i	2.0768-1.4484i	-5.5572-0.3548i	-17.8265-2.7047i
27.4	1.7143+0.4156i	2.7866-2.2674i	6.5534+0.9118i	1.2635-0.0233i	2.1766-1.8034i	-5.4766-0.2550i	-17.5960-2.4006i
27.5	1.7034+0.2831i	2.7519-2.4665i	6.5796+0.7278i	1.2465-0.1999i	2.1434-1.9601i	-5.4947-0.1829i	-17.5312-2.1833i
27.6	1.7400+0.1427i	2.8552-2.9128i	6.5131+0.6005i	1.2669-0.4306i	2.2262-2.3197i	-5.4509-0.0792i	-17.2645-1.9514i
27.7	1.7994-0.0004i	2.8617-3.3975i	6.5008+0.5081i	1.2822-0.6693i	2.2236-2.7101i	-5.4038+0.0123i	-17.0617-1.7507i
27.8	1.7807-0.1920i	2.5330-3.9547i	6.4757+0.3828i	1.1663-0.9630i	1.9516-3.1519i	-5.3200+0.1121i	-16.8024-1.5770i
27.9	1.7021-0.3895i	2.1443-4.5322i	6.4199+0.2767i	0.9866-1.2466i	1.6362-3.6129i	-5.2347+0.1908i	-16.5410-1.4922i
28.0	1.5615-0.5048i	1.6038-4.8678i	6.3894+0.2307i	0.7307-1.4177i	1.1997-3.8803i	-5.1960+0.2062i	-16.3819-1.5281i
28.1	1.3874-0.6396i	0.7083-5.2575i	6.2643+0.1700i	0.3526-1.5891i	0.4653-4.1808i	-5.0473+0.2579i	-16.0656-1.4896i
28.2	1.2867-0.6808i	0.1057-5.4076i	6.1453+0.0911i	0.0947-1.6575i	-0.0249-4.2989i	-4.9161+0.3304i	-15.8593-1.4104i
28.3	1.1965-0.6229i	-0.5484-5.1749i	6.1061+0.0937i	-0.1641-1.5567i	-0.5496-4.1106i	-4.8620+0.3222i	-15.8229-1.4618i
28.4	1.1002-0.6315i	-1.2248-5.0091i	6.0045+0.0874i	-0.4418-1.5199i	-1.0953-3.9688i	-4.7198+0.3193i	-15.6134-1.4676i
28.5	1.0214-0.6105i	-1.8031-4.6526i	5.9800+0.0955i	-0.6790-1.3971i	-1.5650-3.6687i	-4.6242+0.2901i	-15.5092-1.4721i
28.6	0.9800-0.5750i	-2.2221-4.1754i	6.0069+0.1279i	-0.8371-1.2403i	-1.9051-3.2770i	-4.5915+0.2096i	-15.5429-1.5695i
28.7	0.9740-0.5638i	-2.4481-3.7557i	6.0071+0.1431i	-0.9265-1.0892i	-2.0901-2.9296i	-4.5629+0.1435i	-15.5346-1.5777i
28.8	0.9560-0.5388i	-2.5671-3.3131i	6.0026+0.1420i	-0.9873-0.9173i	-2.1850-2.5604i	-4.5610+0.0907i	-15.5143-1.5473i
28.9	0.9410-0.5188i	-2.6672-2.8506i	6.0379+0.1636i	-1.0239-0.7444i	-2.2566-2.1763i	-4.5878+0.0105i	-15.5483-1.5447i
29.0	0.9326-0.5028i	-2.6516-2.5277i	6.0769+0.1497i	-1.0144-0.6434i	-2.2374-1.9112i	-4.6339-0.0214i	-15.5691-1.4899i
29.1	0.9202-0.5021i	-2.5904-2.2169i	6.1317+0.1335i	-0.9913-0.5434i	-2.1758-1.6553i	-4.6878-0.0481i	-15.5899-1.4320i
29.2	0.9154-0.5035i	-2.5611-1.9522i	6.1855+0.1192i	-0.9715-0.4733i	-2.1419-1.4392i	-4.7470-0.0673i	-15.5981-1.3872i
29.3	0.9302-0.5036i	-2.5030-1.8052i	6.2128+0.0779i	-0.9547-0.4482i	-2.0913-1.3238i	-4.7807-0.0497i	-15.6073-1.3000i
29.4	0.9343-0.5005i	-2.4456-1.6213i	6.2737+0.0596i	-0.9285-0.4099i	-2.0377-1.1799i	-4.8434-0.0527i	-15.6407-1.2442i
29.5	0.9393-0.5191i	-2.3876-1.4421i	6.3396+0.0002i	-0.9207-0.3847i	-1.9866-1.0364i	-4.9061-0.0232i	-15.6784-1.1165i
29.6	0.9379-0.5284i	-2.3483-1.3003i	6.3942-0.0304i	-0.9462-0.3578i	-1.9550-0.9216i	-4.9604-0.0188i	-15.7344-1.0638i
29.7	0.9315-0.5386i	-2.3011-1.2142i	6.4343-0.0682i	-0.9573-0.3413i	-1.9181-0.8552i	-5.0017-0.0004i	-15.7762-0.9917i
29.8	0.9315-0.5577i	-2.2640-1.1224i	6.5207-0.1030i	-0.9759-0.3171i	-1.8867-0.7795i	-5.0856+0.0157i	-15.8546-0.8745i
29.9	0.9227-0.5792i	-2.2256-1.0051i	6.5785-0.1487i	-0.9841-0.2947i	-1.8513-0.6821i	-5.1407+0.0448i	-15.8632-0.7620i
30.0	0.9020-0.6014i	-2.1736-0.9122i	6.6529-0.1770i	-0.9981-0.2793i	-1.8003-0.6096i	-5.2100+0.0555i	-15.8790-0.7276i
30.1	0.8759-0.5983i	-2.1452-0.8539i	6.7186-0.2553i	-1.0267-0.2689i	-1.7767-0.5709i	-5.2739+0.1010i	-15.8901-0.6279i
30.2	0.8484-0.5905i	-2.1321-0.7767i	6.8227-0.3284i	-1.0720-0.2516i	-1.7646-0.5161i	-5.3632+0.1319i	-15.9817-0.5382i
30.3	0.8153-0.5618i	-2.1212-0.6947i	6.9455-0.3892i	-1.1255-0.2015i	-1.7538-0.4590i	-5.4868+0.1472i	-16.0970-0.4777i
30.4	0.8212-0.5179i	-2.1082-0.6281i	6.9996-0.4534i	-1.1637-0.1491i	-1.7513-0.4090i	-5.5604+0.1870i	-16.1531-0.4130i
30.5	0.8617-0.5148i	-2.1144-0.5430i	7.0811-0.5406i	-1.2017-0.0817i	-1.7704-0.3360i	-5.6573+0.2568i	-16.2923-0.2948i
30.6	0.8924-0.5340i	-2.1197-0.4617i	7.1857-0.5916i	-1.2146-0.0128i	-1.7812-0.2577i	-5.7579+0.2998i	-16.3956-0.1360i
30.7	0.9012-0.5548i	-2.0920-0.4053i	7.2661-0.6668i	-1.2087+0.0379i	-1.7566-0.2052i	-5.8365+0.3670i	-16.4557+0.0282i
30.8	0.9015-0.5554i	-2.0649-0.3352i	7.4469-0.8380i	-1.2199+0.0926i	-1.7259-0.1508i	-6.0039+0.5042i	-16.6474+0.2917i

30.9	0.8996-0.5603i	-2.0394-0.2732i	7.5622-0.9442i	-1.2059+0.1322i	-1.6997-0.1039i	-6.1030+0.5883i	-16.7329+0.4259i
31.0	0.9111-0.5771i	-2.0324-0.1994i	7.6638-1.0786i	-1.2065+0.1584i	-1.6910-0.0475i	-6.1782+0.6982i	-16.7527+0.5980i
31.1	0.9145-0.5721i	-2.0437-0.1276i	7.7859-1.2217i	-1.2366+0.1870i	-1.6984-0.0013i	-6.2816+0.7938i	-16.8084+0.6802i
31.2	0.9232-0.5555i	-2.0521-0.0818i	7.8765-1.3710i	-1.2681+0.2243i	-1.7087+0.0271i	-6.3766+0.8884i	-16.9263+0.8007i
31.3	0.9632-0.5293i	-2.0546-0.0042i	7.9997-1.6117i	-1.3006+0.2845i	-1.7209+0.0827i	-6.5273+1.0830i	-17.1734+1.1427i
31.4	0.9631-0.5337i	-2.0502+0.0289i	8.0609-1.7333i	-1.2994+0.3296i	-1.7138+0.1043i	-6.6057+1.1798i	-17.2188+1.2946i
31.5	1.0016-0.5649i	-2.0566+0.0988i	8.1241-1.8244i	-1.3016+0.4022i	-1.7219+0.1669i	-6.6732+1.2719i	-17.2489+1.4407i
31.6	1.1093-0.5633i	-2.1131+0.2358i	8.3493-2.2212i	-1.3634+0.4797i	-1.7970+0.2650i	-6.9085+1.6139i	-17.6948+1.8949i
31.7	1.1641-0.6070i	-2.1287+0.3505i	8.4325-2.4593i	-1.3889+0.5614i	-1.8272+0.3651i	-6.9999+1.8230i	-17.8726+2.2241i
31.8	1.2256-0.6777i	-2.1281+0.4960i	8.5358-2.7886i	-1.3900+0.6864i	-1.8370+0.4976i	-7.1037+2.1236i	-18.0703+2.7179i
31.9	1.2277-0.7668i	-2.0655+0.6181i	8.5469-3.1245i	-1.3494+0.7947i	-1.7825+0.6084i	-7.1203+2.4207i	-18.0848+3.2666i
32.0	1.1869-0.8409i	-1.9873+0.7452i	8.5665-3.5102i	-1.2817+0.9116i	-1.7016+0.7179i	-7.1502+2.7647i	-18.0277+3.8808i
32.1	1.1765-0.9131i	-1.9296+0.8921i	8.4556-3.8558i	-1.2230+1.0253i	-1.6528+0.8483i	-7.0610+3.0722i	-17.7858+4.3975i
32.2	1.1349-1.0358i	-1.8306+1.0432i	8.3851-4.1855i	-1.1374+1.1446i	-1.5630+0.9876i	-6.9980+3.3604i	-17.6504+4.9410i
32.3	1.0640-1.1208i	-1.6466+1.1730i	8.2382-4.6362i	-1.0050+1.2477i	-1.3931+1.1030i	-6.8841+3.7560i	-17.4190+5.7308i
32.4	1.0542-1.1567i	-1.5310+1.2782i	8.0259-5.0903i	-0.8896+1.3127i	-1.3056+1.1766i	-6.7031+4.1739i	-17.0600+6.3399i
32.5	0.9780-1.1539i	-1.4022+1.2696i	7.8499-5.1008i	-0.7628+1.3127i	-1.1793+1.1656i	-6.5405+4.1958i	-16.5960+6.3834i
32.6	0.9547-1.1609i	-1.2568+1.2890i	7.5111-5.3451i	-0.6151+1.3044i	-1.0698+1.1664i	-6.2346+4.4274i	-16.0087+6.7075i
32.7	0.9058-1.1249i	-1.0688+1.2610i	7.1524-5.5449i	-0.4534+1.2454i	-0.9116+1.1176i	-5.9020+4.6223i	-15.2777+6.9482i
32.8	0.9038-1.0905i	-0.9617+1.1613i	6.8432-5.5444i	-0.3500+1.1500i	-0.8368+1.0125i	-5.6118+4.6446i	-14.6273+6.8214i
32.9	0.8983-1.1527i	-0.7949+1.0917i	6.3424-5.4984i	-0.2255+1.0215i	-0.7189+0.9589i	-5.1317+4.6058i	-13.7307+6.5437i
33.0	0.8915-1.1706i	-0.7224+1.0449i	6.0039-5.5073i	-0.1783+0.9029i	-0.6802+0.9177i	-4.8105+4.6060i	-13.1318+6.4135i
33.1	0.8260-1.1853i	-0.6397+0.9534i	5.8440-5.4174i	-0.1392+0.7953i	-0.6085+0.8386i	-4.6459+4.5050i	-12.7397+6.0926i
33.2	0.8084-1.1668i	-0.6423+0.8723i	5.7501-5.3175i	-0.1776+0.6831i	-0.6216+0.7653i	-4.5383+4.3915i	-12.4454+5.7433i
33.3	0.8162-1.1487i	-0.6272+0.7841i	5.6772-5.2039i	-0.2210+0.5757i	-0.6277+0.6872i	-4.4594+4.2684i	-12.2890+5.2138i
33.4	0.8172-1.1539i	-0.6156+0.7052i	5.6568-5.0954i	-0.2630+0.4774i	-0.6352+0.6211i	-4.4219+4.1569i	-12.2253+4.6383i
33.5	0.8063-1.2182i	-0.6647+0.6343i	5.7966-5.1924i	-0.3767+0.4332i	-0.6949+0.5701i	-4.5203+4.1908i	-12.6584+4.2963i
33.6	0.7507-1.2288i	-0.6738+0.5438i	5.7514-5.2272i	-0.4723+0.3791i	-0.7131+0.4979i	-4.4715+4.1722i	-12.8457+3.9079i
33.7	0.7863-1.1339i	-0.7918+0.3628i	5.9854-5.3409i	-0.6191+0.3204i	-0.8434+0.3136i	-4.6506+4.2070i	-13.5772+3.2548i
33.8	0.8440-1.0909i	-0.9368+0.2853i	5.9960-5.4714i	-0.7752+0.3408i	-1.0007+0.2431i	-4.6699+4.2572i	-14.1322+2.9631i
33.9	0.9466-1.0851i	-1.1411+0.3029i	5.9163-5.3445i	-0.9353+0.4083i	-1.2123+0.2855i	-4.6391+4.1145i	-14.6996+2.5724i
34.0	1.0302-1.1450i	-1.2947+0.3531i	5.9723-5.4223i	-1.0256+0.5038i	-1.3726+0.3514i	-4.7149+4.1578i	-15.5913+2.4864i
34.1	1.0854-1.2143i	-1.4561+0.4705i	6.0503-5.6310i	-1.1012+0.6629i	-1.5295+0.4843i	-4.8249+4.3105i	-16.6129+3.0811i
34.2	1.1307-1.3644i	-1.5589+0.6369i	6.0569-5.8460i	-1.1148+0.7874i	-1.6325+0.6645i	-4.8584+4.4988i	-17.3879+3.8503i
34.3	1.1844-1.5355i	-1.6408+0.8078i	6.1572-6.0345i	-1.1380+0.8914i	-1.7164+0.8494i	-4.9402+4.6608i	-18.1216+4.5144i
34.4	1.1409-1.6611i	-1.6267+0.9877i	6.0506-6.3777i	-1.0801+1.0303i	-1.7067+1.0406i	-4.8583+4.9439i	-18.5555+5.6676i
34.5	1.0471-1.7555i	-1.5988+1.1339i	5.8270-6.7012i	-1.0451+1.1551i	-1.6770+1.1967i	-4.6675+5.1974i	-18.7915+6.6718i
34.6	0.9441-1.8404i	-1.5418+1.2657i	5.6189-6.9314i	-1.0107+1.2715i	-1.6186+1.3395i	-4.4784+5.3780i	-18.8242+7.6430i
34.7	0.8309-1.9309i	-1.4512+1.4230i	5.3018-7.2359i	-0.8952+1.3892i	-1.5301+1.5062i	-4.2042+5.6034i	-18.7274+8.9724i
34.8	0.7358-1.9157i	-1.3862+1.5151i	5.0743-7.2387i	-0.8186+1.4548i	-1.4549+1.6061i	-4.0096+5.5449i	-18.4391+9.9773i
34.9	0.6645-1.8789i	-1.2709+1.5908i	4.7866-7.2183i	-0.7057+1.5059i	-1.3327+1.6818i	-3.7878+5.4895i	-17.6518+10.8500i
35.0	0.5703-1.8337i	-1.1411+1.6644i	4.3972-7.2355i	-0.5704+1.5697i	-1.2008+1.7517i	-3.4787+5.4474i	-16.8875+11.9096i
35.1	0.5392-1.7694i	-1.0465+1.6801i	4.1785-7.1198i	-0.4582+1.5900i	-1.1156+1.7692i	-3.3310+5.2778i	-16.1109+12.5006i
35.2	0.5618-1.6959i	-0.9206+1.6735i	4.0906-6.9558i	-0.3141+1.5517i	-0.9986+1.7587i	-3.3276+5.0800i	-14.9062+12.8789i
35.3	0.5615-1.6020i	-0.8599+1.6149i	4.0494-6.6769i	-0.2454+1.4891i	-0.9362+1.6983i	-3.3495+4.8086i	-14.0179+12.7979i
35.4	0.6951-1.5234i	-0.8275+1.5132i	4.1160-6.3229i	-0.1458+1.3587i	-0.9210+1.6060i	-3.5094+4.4824i	-12.9117+12.4894i
35.5	0.8548-1.5575i	-0.8535+1.4709i	4.4143-6.2035i	-0.1222+1.2449i	-0.9566+1.5746i	-3.8602+4.4098i	-12.4738+12.0401i
35.6	1.0691-1.6257i	-0.9830+1.4189i	4.7784-6.3406i	-0.1672+1.1687i	-1.1044+1.5412i	-4.2404+4.5566i	-12.2766+11.6503i
35.7	1.3013-1.7759i	-1.1622+1.4680i	5.2427-6.4812i	-0.2517+1.1246i	-1.2904+1.6131i	-4.6825+4.7046i	-12.4504+11.1755i
35.8	1.4665-2.0182i	-1.3191+1.5836i	5.6363-6.7850i	-0.3578+1.1082i	-1.4514+1.7568i	-5.0442+4.9764i	-12.9048+11.0479i
35.9	1.5627-2.4718i	-1.4190+1.8438i	5.9411-7.4746i	-0.4493+1.1417i	-1.5476+2.0643i	-5.3595+5.5908i	-13.4043+11.2498i
36.0	1.5220-2.8955i	-1.4314+2.0963i	6.0554-8.1609i	-0.5020+1.1957i	-1.5439+2.3482i	-5.4981+6.2261i	-13.8200+11.8045i
36.1	1.3225-3.3633i	-1.3796+2.3938i	5.8841-8.9783i	-0.5819+1.2967i	-1.4654+2.6760i	-5.3919+6.9562i	-14.0178+12.5132i
36.2	0.8985-3.8222i	-1.1698+2.7793i	5.2684-9.9796i	-0.6123+1.4898i	-1.2143+3.0843i	-4.8814+7.8363i	-13.6108+13.8022i
36.3	0.3545-4.0507i	-0.8417+3.0233i	4.4245-10.5527i	-0.5585+1.6619i	-0.8379+3.3406i	-4.1616+8.3423i	-12.7419+14.8342i
36.4	-0.1967-4.0872i	-0.5111+3.1428i	3.5355-10.8260i	-0.4634+1.8303i	-0.4593+3.4587i	-3.4453+8.5610i	-11.8343+15.5394i
36.5	-0.7227-3.9177i	-0.1242+3.1388i	2.5845-10.6752i	-0.2848+1.9541i	-0.0301+3.4308i	-2.6850+8.4381i	-10.6992+15.6819i
36.6	-1.0264-3.6582i	0.1581+3.0269i	1.9299-10.3127i	-0.0923+1.9684i	0.2687+3.2871i	-2.1573+8.1703i	-9.7289+15.4683i
36.7	-1.2641-3.3837i	0.3883+2.8818i	1.4253-9.8728i	0.0832+1.9517i	0.5142+3.1207i	-1.7765+7.8137i	-8.9106+15.1053i
36.8	-1.3888-3.1058i	0.5555+2.7314i	1.1216-9.4778i	0.2525+1.9218i	0.6915+2.9398i	-1.5897+7.5238i	-8.4418+14.7623i
36.9	-1.4401-2.9628i	0.6230+2.6040i	1.1158-9.1618i	0.3291+1.8166i	0.7524+2.7930i	-1.5895+7.3454i	-8.2947+14.6328i
37.0	-1.5251-2.8422i	0.6739+2.5272i	1.3079-9.0477i	0.3498+1.7732i	0.7987+2.7100i	-1.7258+7.2850i	-8.3564+14.8566i
37.1	-1.5481-2.6442i	0.7259+2.4461i	1.3459-8.9987i	0.4041+1.7901i	0.8516+2.6119i	-1.7805+7.2413i	-8.1198+14.9432i

37.2	-1.5233-2.4843i	0.7814+2.3755i	1.3237-8.9711i	0.5087+1.7817i	0.9082+2.5258i	-1.8159+7.2247i	-7.7998+14.9636i
37.3	-1.4621-2.4049i	0.8413+2.3268i	1.2339-9.0943i	0.6431+1.7352i	0.9607+2.4632i	-1.8176+7.3953i	-7.4616+15.2259i
37.4	-1.4122-2.3493i	0.9122+2.2629i	1.1398-9.1373i	0.7895+1.6376i	1.0254+2.3877i	-1.8265+7.5210i	-7.0776+15.4322i
37.5	-1.4070-2.3475i	0.9781+2.1982i	0.9886-9.1900i	0.8701+1.5146i	1.0834+2.3197i	-1.7274+7.6642i	-6.6374+15.4784i
37.6	-1.5015-2.4300i	1.0770+2.1240i	0.7348-9.3187i	0.9025+1.3015i	1.1725+2.2448i	-1.4863+7.9614i	-5.8503+15.6457i
37.7	-1.6341-2.5243i	1.1490+2.0664i	0.4370-9.3892i	0.8795+1.1047i	1.2338+2.1856i	-1.1579+8.1993i	-5.0390+15.7921i
37.8	-1.8086-2.5147i	1.1673+1.9932i	0.2101-9.3348i	0.7385+0.9876i	1.2437+2.1210i	-0.7913+8.2481i	-4.4689+15.7252i
37.9	-2.0315-2.4101i	1.1812+1.9104i	0.0755-9.2144i	0.5347+0.9529i	1.2563+2.0522i	-0.4543+8.1077i	-3.9656+15.3724i
38.0	-2.1706-2.2445i	1.1987+1.8461i	0.0235-9.1918i	0.4126+0.9988i	1.2813+1.9908i	-0.3122+7.9905i	-3.6099+15.0643i
38.1	-2.2098-2.0929i	1.2452+1.8100i	-0.1864-9.3206i	0.4379+1.0773i	1.3328+1.9529i	-0.1297+8.0237i	-3.0192+15.0688i
38.2	-2.2855-1.9659i	1.3111+1.7716i	-0.4878-9.4705i	0.4688+1.1306i	1.4044+1.9165i	0.1132+8.0925i	-2.2571+15.1010i
38.3	-2.3840-1.8745i	1.3403+1.7004i	-0.8087-9.4129i	0.4234+1.1020i	1.4444+1.8458i	0.3961+8.0410i	-1.6262+14.6990i
38.4	-2.4351-1.8108i	1.4007+1.6227i	-1.2435-9.3081i	0.4665+1.0212i	1.5066+1.7625i	0.7558+7.9889i	-0.7645+14.2799i
38.5	-2.5202-1.6913i	1.4266+1.5352i	-1.5251-9.1729i	0.4259+0.9896i	1.5335+1.6680i	1.0069+7.8834i	-0.2570+13.7580i
38.6	-2.5872-1.5135i	1.4415+1.4692i	-1.7502-9.0255i	0.3807+1.0377i	1.5541+1.5954i	1.2261+7.7384i	0.2050+13.2522i
38.7	-2.6392-1.3818i	1.4499+1.4186i	-1.9302-8.8046i	0.3514+1.0662i	1.5624+1.5439i	1.4060+7.5495i	0.5651+12.6985i
38.8	-2.6940-1.2895i	1.4753+1.3414i	-2.0783-8.6198i	0.3252+1.0276i	1.5827+1.4642i	1.5271+7.4367i	0.8239+12.1909i
38.9	-2.7607-1.0768i	1.4711+1.2872i	-2.1561-8.4479i	0.2508+1.1231i	1.5830+1.4079i	1.6453+7.2542i	1.0297+11.5625i
39.0	-2.7703-0.9311i	1.4697+1.2326i	-2.1661-8.2893i	0.2351+1.1637i	1.5806+1.3517i	1.6612+7.0946i	1.0794+11.0274i
39.1	-2.7713-0.7654i	1.4588+1.1917i	-2.2145-8.1991i	0.2296+1.2331i	1.5714+1.3069i	1.7129+7.0018i	1.0988+10.6237i
39.2	-2.8006-0.5655i	1.4465+1.1428i	-2.2464-8.1484i	0.2047+1.3202i	1.5647+1.2585i	1.7654+6.9206i	1.1234+10.1643i
39.3	-2.7212-0.3713i	1.4492+1.1306i	-2.3337-8.1078i	0.2734+1.4288i	1.5664+1.2404i	1.8264+6.8439i	1.1719+9.8044i
39.4	-2.6212-0.1520i	1.4407+1.1155i	-2.3854-8.2242i	0.3174+1.5548i	1.5551+1.2199i	1.8645+6.9235i	1.0518+9.4700i
39.5	-2.5417+0.0119i	1.4552+1.0821i	-2.6048-8.2825i	0.3569+1.6215i	1.5644+1.1818i	2.0337+6.9703i	1.0213+9.1344i
39.6	-2.4146+0.1681i	1.5451+1.0487i	-2.9995-8.1521i	0.4921+1.6838i	1.6554+1.1429i	2.2980+6.8413i	1.0879+8.8075i
39.7	-2.3694+0.3486i	1.6133+0.9241i	-2.9992-7.8822i	0.5263+1.7562i	1.7200+1.0177i	2.2638+6.6731i	0.8983+8.6307i
39.8	-2.2307+0.5426i	1.5160+0.8101i	-2.8404-8.1231i	0.5893+1.8606i	1.6180+0.9054i	2.1807+6.9093i	0.9132+8.5768i
39.9	-1.9199+0.6599i	1.4115+0.8084i	-3.2833-8.4290i	0.8111+1.9383i	1.5116+0.9094i	2.6083+7.1530i	1.1399+8.3940i
40.0	-1.6817+0.7226i	1.3833+0.8282i	-3.6886-8.4681i	0.9980+1.9940i	1.4811+0.9286i	2.9716+7.1607i	1.2943+8.2191i
40.1	-1.5091+0.6585i	1.4053+0.8182i	-4.0725-8.4234i	1.1802+1.8897i	1.4989+0.9194i	3.2574+7.1121i	1.3378+7.8209i
40.2	-1.3475+0.6079i	1.4232+0.8064i	-4.4580-8.1663i	1.3387+1.8087i	1.5189+0.9079i	3.5891+6.8825i	1.4260+7.5489i
40.3	-1.2157+0.5683i	1.4200+0.7730i	-4.7921-7.8907i	1.4334+1.7111i	1.5175+0.8770i	3.8728+6.6643i	1.4478+7.2649i
40.4	-1.0724+0.4727i	1.4215+0.7676i	-5.2120-7.6062i	1.5405+1.5806i	1.5217+0.8739i	4.2247+6.4525i	1.4418+7.0103i
40.5	-0.9753+0.3698i	1.4399+0.7574i	-5.4557-7.2610i	1.6246+1.4536i	1.5384+0.8654i	4.4082+6.1250i	1.3864+6.7184i
40.6	-0.9984+0.2558i	1.4783+0.7377i	-5.5567-6.8152i	1.6215+1.3249i	1.5810+0.8439i	4.4548+5.7596i	1.2795+6.4270i
40.7	-0.9997+0.1732i	1.5255+0.6853i	-5.4991-6.2311i	1.6231+1.1893i	1.6261+0.7899i	4.3494+5.3001i	1.1112+5.9840i
40.8	-0.9349+0.2144i	1.5534+0.5571i	-5.3350-5.8564i	1.6663+1.1381i	1.6493+0.6573i	4.1878+5.0789i	0.9231+5.9454i
40.9	-0.8793+0.1934i	1.4603+0.4690i	-5.2288-5.8879i	1.6719+1.0627i	1.5542+0.5782i	4.1781+5.1737i	0.9855+5.9373i
41.0	-0.8355+0.0897i	1.3860+0.4570i	-5.1981-5.7864i	1.6912+0.9481i	1.4830+0.5750i	4.2290+5.0593i	1.0637+5.6538i
41.1	-0.7393+0.0193i	1.3240+0.4825i	-5.3549-5.5453i	1.7390+0.8526i	1.4261+0.5995i	4.4455+4.8021i	1.0330+5.3826i
41.2	-0.6661-0.0436i	1.2801+0.5355i	-5.4961-5.3934i	1.7556+0.7791i	1.3892+0.6476i	4.6199+4.6429i	1.0355+5.3008i
41.3	-0.7086-0.1982i	1.3189+0.5475i	-5.5610-5.2290i	1.6902+0.6600i	1.4308+0.6645i	4.6729+4.4449i	1.0189+5.0975i
41.4	-0.8123-0.2608i	1.3683+0.5325i	-5.6834-5.0247i	1.6146+0.6067i	1.4844+0.6605i	4.7614+4.2578i	0.9726+4.8257i
41.5	-0.8355-0.2274i	1.3659+0.5066i	-5.6432-4.8723i	1.5976+0.6224i	1.4853+0.6326i	4.7240+4.1239i	0.8587+4.5407i
41.6	-0.8211-0.3269i	1.3639+0.5098i	-5.7303-4.5323i	1.6329+0.5312i	1.4913+0.6347i	4.8496+3.7594i	0.7668+4.3341i
41.7	-0.8635-0.3590i	1.3870+0.5179i	-5.6781-4.2890i	1.6150+0.4729i	1.5229+0.6418i	4.7922+3.4946i	0.6393+4.2860i
41.8	-0.9147-0.3230i	1.4603+0.5175i	-5.8589-4.0259i	1.6073+0.4861i	1.6106+0.6355i	4.9189+3.2824i	0.4901+4.0719i
41.9	-0.9367-0.3312i	1.5252+0.4723i	-5.8200-3.6057i	1.6228+0.4458i	1.6836+0.5813i	4.8945+2.9105i	0.2075+3.9191i
42.0	-1.0973-0.2636i	1.6030+0.3199i	-5.6023-3.4409i	1.5505+0.3771i	1.7619+0.4255i	4.5967+2.7946i	-0.0541+3.8909i
42.1	-0.9798-0.1717i	1.4571+0.1881i	-5.4504-3.2139i	1.5492+0.3614i	1.6216+0.2827i	4.5878+2.6258i	-0.0208+3.9795i
42.2	-0.9930-0.1978i	1.4005+0.1488i	-5.3029-3.1970i	1.5660+0.3206i	1.5725+0.2437i	4.5513+2.5915i	-0.0763+3.8935i
42.3	-1.1402-0.2414i	1.3310+0.0443i	-4.9587-3.2261i	1.4614+0.2009i	1.4998+0.1362i	4.0437+2.5088i	-0.1600+3.8541i
42.4	-1.1157-0.1150i	1.1296+0.1408i	-4.7363-3.2385i	1.3650+0.1988i	1.2933+0.2147i	3.7682+2.6527i	-0.1508+3.8944i
42.5	-1.0272-0.0199i	1.1249+0.2635i	-4.7376-3.5474i	1.2965+0.2544i	1.2804+0.3433i	3.8507+3.0425i	-0.1422+3.7972i
42.6	-1.0831-0.1037i	1.2034+0.3518i	-4.9212-3.7308i	1.2551+0.3094i	1.3594+0.4468i	3.9765+3.2119i	-0.1432+3.4753i
42.7	-1.0194-0.2735i	1.2563+0.4274i	-5.0045-3.3166i	1.3342+0.2592i	1.4113+0.5113i	4.1002+2.7002i	-0.1656+3.3578i
42.8	-0.9945-0.2920i	1.3778+0.4101i	-5.0685-2.9238i	1.4082+0.1914i	1.5349+0.4814i	4.2361+2.2637i	-0.3237+3.2791i
42.9	-0.9997-0.2304i	1.4823+0.2122i	-4.9423-2.6979i	1.3939+0.0791i	1.6388+0.2761i	4.1508+1.9767i	-0.4968+3.2948i
43.0	-0.9245-0.1966i	1.3132+0.0287i	-4.8165-2.9090i	1.2891+0.0823i	1.4636+0.0906i	3.9787+2.1173i	-0.4989+3.4208i
43.1	-0.9460-0.2544i	1.1717+0.1482i	-5.1908-3.0959i	1.2573+0.1918i	1.3283+0.2162i	4.1885+2.3086i	-0.3784+3.2626i
43.2	-1.0991-0.2768i	1.2519+0.2590i	-5.5885-2.9904i	1.3097+0.2511i	1.4250+0.3369i	4.4553+2.3351i	-0.4857+2.9075i
43.3	-1.1928-0.2996i	1.3486+0.2615i	-5.5617-2.5242i	1.3589+0.1979i	1.5266+0.3357i	4.4054+1.9333i	-0.6421+2.7651i
43.4	-1.2391-0.3165i	1.4295+0.2580i	-5.4909-2.1730i	1.4249+0.1309i	1.6061+0.3272i	4.3589+1.5793i	-0.8015+2.6775i

43.5	-1.3240-0.1342i	1.4920+0.1054i	-5.5271-1.9561i	1.4439+0.0535i	1.6841+0.1657i	4.3779+1.4339i	-1.1886+2.6980i
43.6	-1.2213+0.0114i	1.4152-0.0510i	-5.1597-1.4766i	1.3895-0.0853i	1.5974-0.0101i	4.0574+0.9746i	-1.3143+2.9242i
43.7	-1.2348-0.0759i	1.3152-0.0550i	-4.8149-1.8242i	1.2230-0.0825i	1.4933+0.0027i	3.5829+1.2554i	-1.1887+2.9037i
43.8	-1.2684-0.2345i	1.2770+0.0717i	-5.0800-1.8606i	1.2092-0.0366i	1.4628+0.1392i	3.6986+1.2560i	-1.0738+2.6935i
43.9	-1.3554+0.0447i	1.3368-0.0522i	-5.3307-1.0747i	1.2970-0.0683i	1.5502-0.0245i	3.8773+0.8266i	-1.4420+2.6809i
44.0	-1.2261+0.2631i	1.2504-0.1433i	-4.9797-0.7527i	1.3043-0.1185i	1.4559-0.1475i	3.7531+0.7417i	-1.6237+2.8974i
44.1	-1.0438+0.2352i	1.1771-0.0935i	-4.6716-0.7626i	1.2659-0.1563i	1.3544-0.1035i	3.6505+0.7077i	-1.4977+2.9557i
44.2	-1.0263+0.0965i	1.2060-0.0483i	-4.4281-0.5997i	1.2248-0.2137i	1.3704-0.0513i	3.4568+0.4405i	-1.4615+2.8540i
44.3	-1.2061-0.0102i	1.2737-0.0449i	-4.0752-0.7696i	1.1428-0.2512i	1.4448-0.0275i	3.0662+0.4618i	-1.5654+2.7143i
44.4	-1.0779+0.0194i	1.1565-0.1456i	-3.6350-0.8448i	1.0436-0.3311i	1.3208-0.1339i	2.6837+0.3505i	-1.6649+2.9222i
44.5	-0.9324+0.0093i	0.9563-0.1368i	-3.4970-0.9995i	0.9198-0.3262i	1.1073-0.1374i	2.4093+0.4579i	-1.5401+3.1304i
44.6	-0.9909+0.1119i	0.9693-0.0756i	-3.5529-0.8087i	0.8885-0.2597i	1.1185-0.0864i	2.3719+0.5392i	-1.4829+3.0583i
44.7	-0.9084+0.0960i	0.9473-0.0212i	-3.1173-0.9412i	0.8510-0.2768i	1.0812-0.0318i	2.0666+0.5959i	-1.5114+3.0542i
44.8	-0.8799-0.0631i	1.0423+0.0946i	-3.3519-1.5234i	0.7779-0.1708i	1.1748+0.0934i	2.1436+1.0680i	-1.3803+3.0635i
44.9	-1.1893-0.0355i	1.2597+0.0424i	-4.0254-1.5656i	0.8229-0.0645i	1.4263+0.0495i	2.4481+1.2685i	-1.4709+2.8561i
45.0	-1.3320+0.0936i	1.3173-0.1226i	-4.0583-1.0595i	0.8573-0.0712i	1.4971-0.1323i	2.3441+1.0671i	-1.7250+2.7184i
45.1	-0.9904+0.3294i	1.0529-0.2970i	-3.2851-0.7569i	0.8164-0.0694i	1.1891-0.3424i	1.9739+1.1863i	-1.7062+3.0887i
45.2	-0.9080+0.2657i	0.8943-0.2426i	-3.2605-1.1145i	0.8537-0.0213i	1.0155-0.2713i	2.1874+1.4626i	-1.5219+3.1282i
45.3	-0.8369+0.1035i	0.8220+0.0118i	-3.0654-1.5060i	0.8353+0.0302i	0.9292-0.0024i	2.1324+1.7405i	-1.3066+2.9540i
45.4	-0.7839-0.1187i	0.8850+0.2414i	-3.2588-1.9478i	0.8629+0.0704i	0.9815+0.2545i	2.3999+1.9513i	-1.1960+2.7019i
45.5	-0.9548-0.0635i	1.1104+0.2123i	-3.9893-1.7950i	0.9921+0.1248i	1.2283+0.2278i	3.0516+1.8710i	-1.3500+2.4910i
45.6	-1.1202-0.1079i	1.2230+0.1742i	-4.2259-1.4694i	1.0187+0.0578i	1.3552+0.1900i	3.1210+1.4816i	-1.4879+2.3697i
45.7	-1.2470-0.1429i	1.3486+0.1395i	-4.4165-1.2420i	1.0826+0.0380i	1.4911+0.1654i	3.1999+1.3042i	-1.7211+2.1091i
45.8	-1.3035+0.0884i	1.4049-0.0451i	-4.5028-0.6622i	1.1636-0.0457i	1.5654-0.0358i	3.3281+0.9285i	-2.0270+2.1747i
45.9	-1.3942+0.4121i	1.4342-0.3080i	-4.3557+0.0508i	1.1668-0.2037i	1.6145-0.3378i	3.1561+0.4651i	-2.3718+2.3955i
46.0	-1.1394+0.7214i	1.1769-0.5200i	-3.6306+0.5319i	1.0744-0.3506i	1.3363-0.6027i	2.7243+0.2107i	-2.4590+2.9355i
46.1	-0.8544+0.5916i	0.9311-0.2856i	-2.8386+0.0328i	0.8440-0.3468i	1.0435-0.3750i	2.1289+0.5429i	-2.1381+3.2303i
46.2	-0.6957+0.3996i	0.9791-0.0280i	-2.7228-0.6510i	0.7193-0.1800i	1.0522-0.1001i	2.0781+1.1024i	-1.7014+3.1856i
46.3	-0.8027+0.2328i	1.3287-0.1488i	-3.3278-0.5978i	0.9107-0.1073i	1.4012-0.1775i	2.7130+0.9540i	-1.7108+2.6286i
46.4	-0.8431+0.3265i	1.2750-0.4399i	-3.0465-0.2363i	0.9020-0.2208i	1.3567-0.4654i	2.4339+0.5740i	-1.9583+2.7977i
46.5	-0.8125+0.2706i	1.0399-0.4511i	-2.7646-0.6274i	0.7765-0.1589i	1.1165-0.4632i	2.0217+0.9284i	-1.8254+2.9235i
46.6	-0.8860+0.2581i	0.9746-0.3829i	-2.9284-0.7270i	0.8012-0.0676i	1.0603-0.3834i	2.1654+1.1730i	-1.8111+2.8186i
46.7	-0.8398+0.2994i	0.9114-0.3272i	-2.9517-0.7121i	0.8558-0.0655i	1.0056-0.3282i	2.3614+1.1892i	-1.7771+2.7300i
46.8	-0.8363+0.2602i	0.9140-0.2566i	-3.0366-0.7509i	0.8845-0.0582i	1.0133-0.2518i	2.4914+1.1696i	-1.7892+2.6548i
46.9	-0.8760+0.2128i	0.9679-0.1944i	-3.1060-0.7762i	0.9402-0.0373i	1.0787-0.1823i	2.5867+1.1533i	-1.7676+2.4674i
47.0	-0.9102+0.3144i	1.0139-0.2572i	-3.3399-0.6464i	1.0272-0.1135i	1.1361-0.2564i	2.8899+1.0385i	-1.9630+2.5046i
47.1	-0.8674+0.4433i	0.9792-0.2851i	-3.3220-0.3537i	0.9781-0.1812i	1.0973-0.3019i	2.8465+0.7862i	-2.0029+2.7120i
47.2	-0.8469+0.3571i	1.0628-0.2047i	-3.3593-0.4110i	0.9912-0.0831i	1.1797-0.2019i	2.8800+0.8744i	-2.0160+2.4431i
47.3	-0.8901+0.3972i	1.1687-0.2865i	-3.6055+0.0172i	1.0755-0.1250i	1.2967-0.2915i	3.1289+0.5216i	-2.2709+2.3883i
47.4	-0.8461+0.5290i	1.1631-0.4901i	-3.3012+0.7703i	1.0973-0.2854i	1.2988-0.5222i	2.9537-0.1255i	-2.4385+2.6858i
47.5	-0.6978+0.5885i	1.0303-0.6412i	-2.3713+1.1859i	0.9950-0.4122i	1.1472-0.6963i	2.2220-0.5461i	-2.3511+3.0225i
47.6	-0.6098+0.4715i	0.8718-0.6253i	-1.5482+0.6366i	0.8464-0.3989i	0.9594-0.6721i	1.5289-0.1871i	-2.0866+2.9938i
47.7	-0.6002+0.4154i	0.7696-0.6242i	-1.4746-0.0691i	0.8034-0.3568i	0.8540-0.6540i	1.4251+0.3656i	-2.0362+2.9590i
47.8	-0.6584+0.3760i	0.6819-0.4912i	-1.8038-0.2169i	0.8024-0.2918i	0.7817-0.5072i	1.6068+0.5333i	-1.8720+2.7977i
47.9	-0.6473+0.4181i	0.6600-0.4421i	-1.6601-0.2709i	0.8139-0.2994i	0.7702-0.4675i	1.5729+0.6356i	-2.0210+2.6890i
48.0	-0.5919+0.4802i	0.6693-0.4507i	-1.5080-0.3520i	0.8312-0.3671i	0.7760-0.4930i	1.6006+0.6207i	-2.2129+2.7749i
48.1	-0.4041+0.5157i	0.4846-0.4864i	-1.1822-0.7103i	0.7021-0.3742i	0.5606-0.5456i	1.3118+0.8438i	-2.0907+3.0564i
48.2	-0.2850+0.3295i	0.3729-0.2130i	-1.2857-1.3213i	0.5868-0.2339i	0.4186-0.2519i	1.3409+1.3375i	-1.7013+3.1231i
48.3	-0.3284+0.2127i	0.4808-0.1444i	-1.6832-1.4720i	0.6273-0.1774i	0.5233-0.1555i	1.7085+1.3961i	-1.5559+2.9241i
48.4	-0.3597+0.1234i	0.5198-0.0456i	-1.8424-1.4349i	0.6457-0.1361i	0.5761-0.0330i	1.7912+1.2919i	-1.5087+2.6971i
48.5	-0.4878+0.0935i	0.6652+0.0091i	-2.0308-1.3151i	0.6997-0.1138i	0.7497+0.0209i	1.8139+1.2442i	-1.6050+2.4662i
48.6	-0.4636+0.0883i	0.7107-0.0210i	-1.9235-1.4812i	0.6931-0.1672i	0.7922-0.0205i	1.7728+1.3700i	-1.7607+2.5464i
48.7	-0.5165+0.0342i	0.7425-0.0004i	-2.2179-1.6828i	0.6917-0.1262i	0.8246+0.0082i	1.9468+1.5028i	-1.7546+2.4630i
48.8	-0.6115+0.1805i	0.8794-0.1476i	-2.4132-1.1482i	0.7257-0.1457i	0.9771-0.1555i	2.0392+1.2608i	-1.9574+2.4416i
48.9	-0.4751+0.2619i	0.7961-0.3299i	-2.0988-1.0061i	0.7087-0.1661i	0.8776-0.3521i	1.9627+1.2726i	-1.9731+2.6984i
49.0	-0.4302+0.0631i	0.6080-0.1907i	-2.0530-1.4686i	0.7502-0.0968i	0.6910-0.1880i	2.0541+1.4861i	-1.7618+2.6191i
49.1	-0.4070-0.0186i	0.5337-0.0265i	-1.9316-1.7667i	0.7047-0.1114i	0.6098-0.0178i	1.9330+1.6038i	-1.6612+2.5636i
49.2	-0.4799-0.1287i	0.6126+0.1224i	-2.3976-2.0942i	0.7227-0.0350i	0.7005+0.1503i	2.2707+1.8589i	-1.5491+2.4080i
49.3	-0.5397-0.1352i	0.7234+0.1930i	-2.7721-1.9457i	0.7933-0.0282i	0.8259+0.2121i	2.5574+1.7574i	-1.6460+2.2584i
49.4	-0.6059-0.1577i	0.9675+0.1910i	-2.9976-1.8041i	0.8452-0.0367i	1.0690+0.2039i	2.8052+1.6909i	-1.7954+2.2093i
49.5	-0.6086-0.1802i	0.9171+0.0517i	-2.7971-1.8796i	0.7774-0.0308i	1.0090+0.0700i	2.6396+1.6812i	-1.7921+2.3347i
49.6	-0.6583-0.2917i	0.9057+0.1387i	-3.2238-2.1063i	0.8650+0.0211i	1.0070+0.1772i	3.0203+1.8040i	-1.6734+2.1627i
49.7	-0.8676-0.2848i	1.1326+0.1265i	-3.7956-1.5452i	1.0117-0.0531i	1.2639+0.1631i	3.5054+1.2635i	-1.8254+1.9155i

49.8	-0.9854-0.1441i	1.2521-0.0464i	-3.6840-1.0594i	1.0208-0.1790i	1.3968-0.0370i	3.3719+0.8258i	-2.1289+1.9369i
49.9	-0.8578+0.0521i	1.0946-0.3536i	-2.8733-0.8570i	0.8675-0.2771i	1.2159-0.3776i	2.6822+0.6365i	-2.3047+2.2540i
50.0	-0.7773-0.0841i	0.8735-0.2066i	-2.9304-1.5638i	0.8089-0.1079i	0.9823-0.2028i	2.6261+1.2862i	-2.0413+2.3193i
50.1	-0.8858-0.1119i	0.9576-0.0787i	-3.4800-1.3931i	0.9038-0.0708i	1.0834-0.0730i	3.0880+1.2471i	-2.1041+2.1186i
50.2	-0.8966-0.1110i	0.9980-0.0660i	-3.5630-1.2438i	0.9553-0.0694i	1.1236-0.0608i	3.2653+1.1371i	-2.1266+2.1124i
50.3	-1.0047-0.1225i	1.0791-0.1134i	-3.7937-1.0510i	1.0337-0.1379i	1.2186-0.1042i	3.5175+0.8821i	-2.1975+2.0938i
50.4	-1.0599-0.0843i	1.0923-0.1604i	-3.7473-0.9024i	1.0705-0.1704i	1.2402-0.1581i	3.5029+0.7426i	-2.2800+2.0448i
50.5	-1.1755+0.0139i	1.1377-0.1828i	-3.8662-0.6114i	1.1533-0.2247i	1.2992-0.1938i	3.6192+0.4434i	-2.5093+1.9605i
50.6	-1.1357+0.2053i	1.0928-0.2865i	-3.4745-0.2721i	1.1099-0.3669i	1.2502-0.3259i	3.2724+0.0791i	-2.7807+2.2120i
50.7	-0.8443+0.2347i	0.8556-0.2157i	-2.8279-0.6407i	0.8365-0.4036i	0.9674-0.2530i	2.6638+0.2380i	-2.4092+2.7299i
50.8	-0.8239+0.0411i	0.9515-0.0304i	-3.1523-1.2320i	0.7999-0.2589i	1.0668-0.0359i	2.8549+0.6992i	-2.0197+2.6328i
50.9	-1.0452+0.0313i	1.1898-0.1193i	-3.7941-0.9226i	0.9239-0.2487i	1.3347-0.1338i	3.2911+0.4682i	-2.2079+2.3368i
51.0	-0.9722+0.1304i	1.0507-0.2662i	-3.4476-0.7124i	0.8739-0.3013i	1.1780-0.3039i	2.9603+0.3263i	-2.3314+2.5908i
51.1	-0.9792+0.0055i	1.0785-0.1041i	-3.6801-0.9465i	0.8942-0.1994i	1.2067-0.1213i	3.1636+0.5643i	-1.9978+2.4269i
51.2	-1.1116+0.0884i	1.2604-0.2748i	-3.9045-0.4780i	0.9540-0.2452i	1.4006-0.3055i	3.3926+0.1793i	-2.0259+2.3123i
51.3	-0.9668+0.1260i	1.0173-0.4049i	-3.4021-0.8083i	0.8395-0.2375i	1.1241-0.4404i	2.9136+0.4097i	-1.9082+2.5762i
51.4	-0.9719-0.1185i	0.8869-0.1265i	-4.0149-1.4891i	0.8943-0.0407i	0.9888-0.1091i	3.3392+1.0377i	-1.5687+2.2660i
51.5	-1.2289-0.1196i	1.1572-0.0201i	-4.7453-0.9460i	1.1206-0.0543i	1.3091+0.0053i	4.0269+0.6715i	-1.8794+1.8473i
51.6	-1.4202-0.0228i	1.3561-0.0966i	-5.0588-0.3763i	1.2652-0.1564i	1.5414-0.0883i	4.3181+0.1477i	-2.2598+1.7433i
51.7	-1.5466+0.1887i	1.4732-0.2583i	-5.0112+0.3546i	1.3323-0.3171i	1.6767-0.2835i	4.2726-0.5147i	-2.6046+1.8564i
51.8	-1.5375+0.4554i	1.4480-0.4578i	-4.6319+0.9633i	1.2891-0.5119i	1.6473-0.5210i	3.9255-1.0650i	-2.7637+2.2911i
51.9	-1.3646+0.5477i	1.3340-0.5132i	-4.2029+0.8285i	1.1795-0.5168i	1.5131-0.6105i	3.4984-0.7969i	-2.6733+2.5270i
52.0	-1.2725+0.3890i	1.3488-0.3832i	-4.2155+0.3521i	1.1650-0.4171i	1.4970-0.4556i	3.6068-0.3701i	-2.2870+2.4030i
52.1	-1.3802+0.4400i	1.4642-0.4852i	-4.4664+0.6590i	1.2359-0.4720i	1.6233-0.5494i	3.8867-0.6987i	-2.2994+2.1677i
52.2	-1.3963+0.5869i	1.4371-0.6665i	-4.4005+1.1246i	1.2517-0.5879i	1.6013-0.7438i	3.8300-1.1767i	-2.6155+2.2724i
52.3	-1.3688+0.6764i	1.4152-0.7761i	-4.1116+1.3474i	1.2324-0.6837i	1.5751-0.8710i	3.5367-1.3909i	-2.7761+2.5040i
52.4	-1.1705+0.6735i	1.2135-0.7789i	-3.6098+1.1815i	1.1113-0.6820i	1.3509-0.8683i	3.1018-1.2081i	-2.4134+2.6472i
52.5	-1.2140+0.6152i	1.2547-0.7179i	-3.8640+1.1380i	1.1433-0.6653i	1.4038-0.8034i	3.3162-1.2129i	-2.5433+2.4345i
52.6	-1.1944+0.7797i	1.2455-0.8866i	-3.6808+1.7829i	1.1004-0.8108i	1.3844-0.9963i	3.0992-1.8311i	-2.6869+2.7079i
52.7	-1.0390+0.7455i	1.0553-0.8992i	-3.1247+1.4745i	0.9776-0.7888i	1.1647-1.0038i	2.5886-1.5894i	-2.4276+2.9583i
52.8	-1.0504+0.5140i	0.9703-0.6132i	-3.2262+0.7409i	0.9696-0.6484i	1.0810-0.6795i	2.6369-0.9155i	-2.0501+2.7111i
52.9	-1.2506+0.4039i	1.2308-0.4363i	-3.9873+0.6778i	1.0437-0.5485i	1.3750-0.4816i	3.2501-0.8089i	-2.0450+2.2952i
53.0	-1.5930+0.6305i	1.5844-0.7052i	-4.5482+1.8323i	1.2836-0.6947i	1.7790-0.7835i	3.7717-1.7559i	-2.5744+2.2650i
53.1	-1.5390+0.8177i	1.5037-0.9006i	-4.0485+2.0798i	1.2299-0.8314i	1.6911-1.0109i	3.3239-1.9916i	-2.6127+2.5393i
53.2	-1.5051+1.0477i	1.4526-1.1067i	-3.7268+2.2835i	1.2238-0.9815i	1.6263-1.2509i	3.0901-2.1438i	-2.7192+2.7473i
53.3	-1.2586+1.2697i	1.2492-1.2960i	-3.1931+2.5834i	1.0833-1.1545i	1.3902-1.4589i	2.6740-2.4799i	-2.5252+3.0280i
53.4	-0.9552+1.2511i	0.9439-1.3170i	-2.5717+2.3006i	0.7923-1.1640i	1.0422-1.4742i	2.0370-2.2862i	-2.2749+3.3573i
53.5	-0.8707+0.9546i	0.8031-1.0736i	-2.4992+1.6084i	0.7005-0.8974i	0.8966-1.1882i	1.9028-1.6160i	-1.8654+3.0602i
53.6	-1.1304+0.8896i	0.9890-0.9379i	-3.0661+1.7095i	0.9355-0.8190i	1.1225-1.0360i	2.4655-1.6107i	-1.9304+2.6626i
53.7	-1.0723+1.1766i	0.9812-1.1425i	-2.6752+2.1132i	0.9263-1.0292i	1.1101-1.2850i	2.1901-2.0046i	-2.1110+2.8601i
53.8	-0.8559+1.0416i	0.8169-0.9904i	-2.5251+1.4474i	0.7282-0.9269i	0.9182-1.1083i	1.9606-1.5044i	-1.9357+2.7073i
53.9	-1.1646+1.0584i	1.1444-1.0361i	-3.4065+1.9605i	0.9792-0.9332i	1.2913-1.1672i	2.7201-1.8417i	-2.4112+2.5844i
54.0	-1.0911+1.2953i	1.0618-1.2627i	-3.0098+2.7104i	0.9328-1.1217i	1.1953-1.4331i	2.4279-2.4919i	-2.4611+3.0110i
54.1	-0.8970+1.4030i	0.8629-1.3496i	-2.2801+2.9252i	0.7444-1.1791i	0.9651-1.5299i	1.7734-2.6835i	-2.1495+3.2901i
54.2	-0.7135+1.3791i	0.7011-1.3038i	-1.9123+2.5396i	0.6183-1.1507i	0.7720-1.4768i	1.4417-2.3284i	-1.7610+3.3294i
54.3	-0.8194+1.2344i	0.8481-1.1884i	-2.3085+2.2793i	0.7232-1.0422i	0.9278-1.3329i	1.8425-2.1118i	-1.7992+2.9734i
54.4	-0.9044+1.4326i	0.9048-1.4204i	-2.2872+2.6929i	0.7818-1.2027i	1.0041-1.5898i	1.8178-2.5069i	-2.1005+3.1568i
54.5	-0.6256+1.5642i	0.6395-1.5375i	-1.6269+2.8063i	0.6163-1.3032i	0.7071-1.7231i	1.2549-2.6202i	-1.7960+3.3904i
54.6	-0.4585+1.5181i	0.4792-1.4596i	-1.2964+2.6449i	0.5107-1.2440i	0.5242-1.6425i	0.9667-2.4421i	-1.5198+3.4119i
54.7	-0.2950+1.3683i	0.3425-1.2962i	-1.1117+2.1336i	0.4105-1.1424i	0.3704-1.4565i	0.8134-2.0166i	-1.2188+3.3168i
54.8	-0.3345+1.1378i	0.4255-1.1057i	-1.4376+1.6911i	0.4314-0.9901i	0.4647-1.2336i	1.0466-1.6568i	-1.1008+2.8856i
54.9	-0.4657+1.1650i	0.5772-1.1615i	-1.7585+2.1161i	0.5300-1.0083i	0.6464-1.2993i	1.2699-1.9918i	-1.2111+2.6421i
55.0	-0.4111+1.3771i	0.4867-1.4032i	-1.5321+2.6218i	0.5482-1.2305i	0.5419-1.5808i	1.1230-2.4203i	-1.2880+2.9601i
55.1	-0.3346+1.3763i	0.3741-1.4359i	-1.3314+2.5009i	0.4748-1.2951i	0.4129-1.6228i	0.9593-2.3623i	-1.2590+3.0351i
55.2	-0.3073+1.3645i	0.3200-1.4168i	-1.2386+2.4371i	0.4086-1.2847i	0.3454-1.6125i	0.8621-2.3164i	-1.2334+3.0039i
55.3	-0.1755+1.3054i	0.1803-1.3521i	-0.8497+2.2889i	0.2800-1.2459i	0.1870-1.5331i	0.5149-2.1976i	-1.0694+2.8575i
55.4	-0.0534+1.1598i	0.0725-1.2168i	-0.6025+1.9952i	0.1677-1.1649i	0.0657-1.3686i	0.2712-1.9628i	-0.8428+2.6581i
55.5	-0.1220+1.0486i	0.1018-1.1152i	-0.8910+1.7058i	0.1954-1.0708i	0.0973-1.2519i	0.4574-1.6940i	-0.8944+2.4958i
55.6	-0.2449+1.1478i	0.2111-1.1645i	-1.1649+2.0584i	0.2899-1.1029i	0.2213-1.3099i	0.6952-1.9206i	-1.0983+2.4806i
55.7	-0.1644+1.2094i	0.1523-1.2331i	-0.7660+2.1442i	0.2050-1.1849i	0.1615-1.3889i	0.4039-2.0410i	-1.1275+2.5207i
55.8	-0.0572+1.1740i	0.0435-1.1956i	-0.5552+1.9936i	0.0997-1.1705i	0.0359-1.3468i	0.2027-1.9382i	-0.9793+2.5111i
55.9	0.0664+1.0906i	-0.0861-1.1079i	-0.4108+1.8030i	0.0241-1.0834i	-0.1142-1.2496i	0.0466-1.7241i	-0.8294+2.4688i
56.0	0.0190+0.9358i	-0.0489-0.9721i	-0.4727+1.4320i	0.0384-0.9593i	-0.0728-1.0970i	0.0930-1.4028i	-0.8704+2.2482i

56.1	-0.2062+0.9505i	0.1447-0.9457i	-0.9613+1.6215i	0.1950-0.9562i	0.1519-1.0605i	0.5136-1.5226i	-1.1163+2.1041i
56.2	-0.1708+1.0723i	0.1075-1.0641i	-0.8370+1.8928i	0.1660-1.0479i	0.1116-1.1942i	0.4090-1.7452i	-1.1845+2.2142i
56.3	-0.0056+1.1181i	-0.0436-1.1024i	-0.4771+1.8332i	0.0404-1.0637i	-0.0604-1.2415i	0.1036-1.6927i	-1.0701+2.3727i
56.4	0.0737+1.0589i	-0.1237-1.0308i	-0.4003+1.7336i	-0.0135-1.0152i	-0.1502-1.1618i	0.0133-1.6004i	-0.9674+2.3313i
56.5	0.0690+0.9760i	-0.1036-0.9588i	-0.3145+1.5465i	-0.0282-0.9597i	-0.1281-1.0795i	-0.0415-1.4585i	-0.9396+2.1565i
56.6	0.0982+0.9352i	-0.1193-0.9291i	-0.2385+1.4690i	-0.0642-0.9521i	-0.1435-1.0458i	-0.1177-1.4189i	-0.8727+2.0870i
56.7	0.0672+0.9219i	-0.0860-0.9240i	-0.2716+1.3543i	-0.0442-0.9223i	-0.1049-1.0454i	-0.1065-1.3255i	-0.9898+2.0359i
56.8	0.1028+0.8886i	-0.1268-0.8633i	-0.2294+1.2597i	-0.0712-0.8814i	-0.1510-0.9796i	-0.1278-1.2352i	-0.9183+1.9887i
56.9	0.1109+0.8434i	-0.1289-0.8322i	-0.2205+1.1252i	-0.0837-0.8531i	-0.1523-0.9467i	-0.1451-1.1352i	-0.9374+1.8831i
57.0	0.0910+0.7800i	-0.1142-0.7692i	-0.2388+1.0329i	-0.0822-0.7889i	-0.1363-0.8712i	-0.1386-1.0093i	-0.9760+1.8140i
57.1	0.1089+0.7271i	-0.1550-0.6929i	-0.3303+0.8998i	-0.0746-0.7347i	-0.1880-0.7823i	-0.0767-0.8589i	-0.9314+1.8383i
57.2	0.0581+0.6967i	-0.0869-0.6587i	-0.4941+0.8709i	-0.0249-0.7251i	-0.1116-0.7414i	0.0546-0.8303i	-0.9005+1.7555i
57.3	-0.0853+0.7954i	0.0531-0.7434i	-0.7537+1.1771i	0.0964-0.7882i	0.0540-0.8365i	0.2844-1.0550i	-1.1240+1.6871i
57.4	0.0115+0.8631i	-0.0536-0.8121i	-0.5285+1.3039i	0.0149-0.8515i	-0.0697-0.9246i	0.0940-1.1549i	-1.1247+1.8177i
57.5	0.0967+0.8001i	-0.1137-0.7302i	-0.3093+1.2600i	-0.0482-0.8147i	-0.1401-0.8318i	-0.0510-1.0913i	-0.9653+1.7883i
57.6	0.0954+0.7433i	-0.1155-0.6602i	-0.3003+1.1368i	-0.0576-0.7739i	-0.1400-0.7471i	-0.0559-0.9883i	-1.0023+1.7818i
57.7	0.0860+0.7490i	-0.0960-0.6740i	-0.2925+1.0754i	-0.0601-0.7644i	-0.1152-0.7676i	-0.0571-0.9519i	-1.0330+1.7431i
57.8	0.1456+0.7308i	-0.1676-0.6441i	-0.2529+1.0437i	-0.1107-0.7473i	-0.1987-0.7345i	-0.0991-0.9103i	-0.9557+1.7474i
57.9	0.0708+0.7611i	-0.1172-0.7048i	-0.3286+0.9485i	-0.0685-0.7582i	-0.1417-0.8014i	-0.0528-0.8529i	-1.1521+1.7098i
58.0	0.0829+0.6788i	-0.1459-0.5848i	-0.3116+0.9414i	-0.0753-0.6804i	-0.1758-0.6606i	-0.0684-0.7566i	-1.1077+1.6712i
58.1	0.1366+0.6221i	-0.1810-0.5220i	-0.2486+0.9253i	-0.1136-0.6487i	-0.2218-0.5997i	-0.1308-0.7350i	-1.0265+1.6069i
58.2	0.0871+0.5864i	-0.1057-0.4971i	-0.2142+0.8312i	-0.1073-0.6371i	-0.1359-0.5751i	-0.1261-0.6992i	-1.0241+1.4574i
58.3	0.1240+0.5796i	-0.1477-0.4844i	-0.2150+0.8074i	-0.1273-0.6344i	-0.1825-0.5631i	-0.1266-0.6853i	-0.9892+1.4953i
58.4	0.1308+0.6045i	-0.1629-0.5632i	-0.2731+0.7027i	-0.1305-0.6521i	-0.2010-0.6516i	-0.1359-0.6650i	-1.1282+1.4427i
58.5	0.0551+0.5887i	-0.0941-0.5284i	-0.3619+0.6624i	-0.0798-0.6164i	-0.1212-0.6130i	-0.0517-0.6161i	-1.2410+1.3949i
58.6	0.0667+0.6040i	-0.0734-0.5110i	-0.3856+0.7868i	-0.0782-0.6419i	-0.0955-0.5943i	0.0267-0.6843i	-1.1261+1.4883i
58.7	0.0898+0.6323i	-0.0732-0.5479i	-0.3169+0.8432i	-0.1024-0.6877i	-0.0982-0.6307i	-0.0007-0.7339i	-1.0469+1.5443i
58.8	0.0230+0.6343i	-0.0347-0.5401i	-0.3420+0.7740i	-0.0482-0.6703i	-0.0523-0.6205i	0.0300-0.6605i	-1.1884+1.5197i
58.9	0.0349+0.5857i	-0.0195-0.4936i	-0.3119+0.6936i	-0.0472-0.6283i	-0.0395-0.5692i	0.0003-0.6243i	-1.1939+1.3970i
59.0	0.0511+0.5631i	-0.0206-0.4861i	-0.2831+0.6474i	-0.0851-0.6143i	-0.0407-0.5613i	-0.0132-0.6111i	-1.1814+1.3359i
59.1	0.0711+0.5601i	-0.0689-0.4723i	-0.2956+0.6493i	-0.0953-0.6026i	-0.0983-0.5498i	-0.0383-0.5856i	-1.1862+1.3509i
59.2	0.0806+0.5672i	-0.1115-0.4546i	-0.3157+0.6572i	-0.1060-0.5803i	-0.1495-0.5345i	-0.0345-0.5445i	-1.2072+1.3752i
59.3	0.1056+0.6004i	-0.1558-0.5216i	-0.3658+0.6471i	-0.1211-0.6309i	-0.2003-0.6098i	-0.0753-0.5819i	-1.2955+1.3826i
59.4	0.0738+0.6064i	-0.0749-0.5116i	-0.3335+0.5968i	-0.0811-0.6249i	-0.1040-0.5938i	-0.0298-0.5756i	-1.2793+1.3349i
59.5	0.0540+0.5398i	-0.0396-0.4198i	-0.2825+0.5796i	-0.0850-0.5870i	-0.0722-0.4880i	-0.0413-0.5128i	-1.2182+1.2605i
59.6	0.0264+0.5470i	-0.0172-0.4259i	-0.3232+0.5688i	-0.0596-0.5765i	-0.0477-0.4970i	-0.0242-0.4963i	-1.3132+1.2385i
59.7	0.0151+0.5310i	-0.0087-0.4128i	-0.3468+0.5596i	-0.0696-0.4991i	-0.0319-0.4851i	-0.0275-0.4808i	-1.3473+1.1842i
59.8	0.0385+0.5745i	-0.0464-0.4585i	-0.3827+0.5525i	0.0436-0.6394i	-0.0794-0.5381i	-0.0194-0.4915i	-1.4522+1.2795i
59.9	0.0411+0.6212i	-0.0419-0.5422i	-0.4063+0.5254i	-3.4797-8.3379i	-0.0715-0.6296i	-0.0167-0.5247i	-1.4948+1.3571i
60.0	0.0447+0.5727i	-0.0103-0.4390i	-0.3499+0.5175i	-6.6339-18.9202i	-0.0388-0.5082i	-0.0105-0.5111i	-1.4017+1.3256i
60.1	0.0697+0.5303i	-0.0454-0.3475i	-0.3393+0.5768i	4.6614-4.8987i	-0.0854-0.4110i	-0.0071-0.4471i	-1.3822+1.3058i
60.2	0.0945+0.5203i	-0.0624-0.3726i	-0.3297+0.5441i	-0.0823-0.5660i	-0.1049-0.4382i	-0.0457-0.4508i	-1.3046+1.2771i
60.3	0.0867+0.5174i	-0.0633-0.4078i	-0.3686+0.5070i	-0.1352-0.6387i	-0.1052-0.4799i	-0.0666-0.4586i	-1.3848+1.2104i
60.4	0.1048+0.5434i	-0.0837-0.4017i	-0.3638+0.5453i	-0.1686-0.5758i	-0.1295-0.4790i	-0.0691-0.4400i	-1.4189+1.3286i
60.5	0.1198+0.5271i	-0.0572-0.3792i	-0.3210+0.5302i	-0.1718-0.5818i	-0.1062-0.4500i	-0.0494-0.4306i	-1.3454+1.3283i
60.6	0.0969+0.5070i	-0.0469-0.3721i	-0.3316+0.4955i	-0.1580-0.5575i	-0.0930-0.4442i	-0.0382-0.4214i	-1.3325+1.2867i
60.7	0.0663+0.5265i	-0.0233-0.3681i	-0.3611+0.4972i	-0.1295-0.5761i	-0.0660-0.4343i	0.0022-0.3802i	-1.3918+1.3288i
60.8	0.0832+0.4959i	-0.0456-0.3161i	-0.3573+0.5164i	-0.1646-0.5501i	-0.1012-0.3859i	-0.0632-0.3735i	-1.3882+1.2937i
60.9	0.0798+0.4954i	0.0026-0.3582i	-0.3519+0.4306i	-0.1327-0.5441i	-0.0405-0.4255i	-0.0332-0.3802i	-1.3681+1.1684i
61.0	0.0700+0.5197i	0.0461-0.3773i	-0.3282+0.4096i	-0.1290-0.5503i	0.0035-0.4402i	-0.0038-0.3682i	-1.3415+1.1813i
61.1	0.0860+0.4997i	-0.0087-0.3320i	-0.3522+0.4409i	-0.1633-0.5388i	-0.0632-0.3961i	-0.0476-0.3434i	-1.3806+1.2343i
61.2	0.1124+0.5281i	-0.0373-0.3354i	-0.3559+0.4605i	-0.1731-0.5408i	-0.0940-0.4051i	-0.0484-0.3614i	-1.4022+1.2708i
61.3	0.1167+0.5309i	-0.0260-0.3469i	-0.3588+0.4245i	-0.1438-0.5478i	-0.0749-0.4136i	-0.0084-0.3529i	-1.3943+1.2672i
61.4	0.0984+0.5298i	-0.0011-0.3823i	-0.3684+0.4166i	-0.1675-0.5505i	-0.0444-0.4470i	-0.0064-0.3494i	-1.3987+1.2391i
61.5	0.0953+0.5173i	-0.0417-0.3090i	-0.3743+0.4561i	-0.2248-0.5096i	-0.1049-0.3727i	-0.0460-0.3127i	-1.3874+1.2152i
61.6	0.1052+0.5197i	-0.0273-0.3425i	-0.3700+0.4087i	-0.2055-0.5232i	-0.0887-0.4130i	-0.0348-0.3378i	-1.3954+1.1654i
61.7	0.1101+0.5053i	0.0050-0.3680i	-0.3749+0.3801i	-0.1718-0.5434i	-0.0484-0.4319i	-0.0090-0.3419i	-1.4135+1.2111i
61.8	0.0985+0.4902i	-0.0153-0.2929i	-0.3965+0.4125i	-0.2216-0.5099i	-0.0715-0.3524i	-0.0191-0.3056i	-1.3949+1.2057i
61.9	0.1253+0.4816i	0.0005-0.2787i	-0.3292+0.3949i	-0.2327-0.4861i	-0.0549-0.3380i	-0.0351-0.2881i	-1.3229+1.1683i
62.0	0.1255+0.4714i	0.0065-0.3103i	-0.3515+0.3615i	-0.2076-0.4736i	-0.0501-0.3691i	-0.0310-0.3311i	-1.3744+1.1241i
62.1	0.1103+0.5055i	0.0224-0.3344i	-0.3846+0.3694i	-0.2101-0.4845i	-0.0285-0.3962i	0.0064-0.3301i	-1.4130+1.1595i
62.2	0.1067+0.4985i	-0.0064-0.2946i	-0.4076+0.3907i	-0.2329-0.4654i	-0.0669-0.3590i	-0.0182-0.2870i	-1.4165+1.1703i
62.3	0.1213+0.4914i	-0.0078-0.2754i	-0.3977+0.4020i	-0.2335-0.4483i	-0.0734-0.3386i	-0.0245-0.2780i	-1.4064+1.1581i

62.4	0.1314+0.4818i	0.0392−0.2780i	−0.3572+0.3878i	−0.2465−0.4546i	−0.0290−0.3365i	−0.0197−0.2526i	−1.3391+1.1729i
62.5	0.1107+0.4307i	0.0467−0.2782i	−0.3774+0.3120i	−0.2497−0.4418i	−0.0140−0.3278i	−0.0261−0.2471i	−1.3404+1.0571i
62.6	0.1348+0.4179i	0.0327−0.2688i	−0.3700+0.3401i	−0.2585−0.4074i	−0.0331−0.3135i	−0.0333−0.2514i	−1.3666+1.0882i
62.7	0.1312+0.4339i	0.0313−0.2917i	−0.3859+0.3377i	−0.2523−0.4081i	−0.0350−0.3428i	−0.0154−0.2542i	−1.4101+1.0784i
62.8	0.1341+0.4022i	0.0779−0.2636i	−0.3487+0.2804i	−0.2195−0.3720i	0.0219−0.3106i	−0.0019−0.2473i	−1.3193+1.0011i
62.9	0.1658+0.4115i	0.0658−0.2656i	−0.3403+0.2999i	−0.2294−0.3726i	0.0080−0.3120i	−0.0029−0.2592i	−1.2903+1.0474i
63.0	0.1527+0.3998i	0.0742−0.2782i	−0.3748+0.2802i	−0.2153−0.3672i	0.0142−0.3201i	0.0075−0.2574i	−1.3356+1.0252i
63.1	0.1724+0.4353i	0.0664−0.2524i	−0.3682+0.3430i	−0.2340−0.3577i	−0.0010−0.3053i	−0.0185−0.2386i	−1.3342+1.0728i
63.2	0.1735+0.4413i	0.0742−0.2226i	−0.3750+0.3662i	−0.2497−0.3340i	0.0048−0.2740i	−0.0242−0.2227i	−1.3530+1.1044i
63.3	0.1640+0.3795i	0.0915−0.2224i	−0.3678+0.3378i	−0.2554−0.2967i	0.0206−0.2659i	−0.0295−0.2348i	−1.3291+1.0238i
63.4	0.1578+0.3949i	0.0827−0.2456i	−0.4152+0.2923i	−0.2332−0.3179i	0.0187−0.2977i	−0.0060−0.2552i	−1.4297+1.0153i
63.5	0.1571+0.3766i	0.0754−0.2530i	−0.3696+0.2767i	−0.2104−0.3085i	0.0158−0.2944i	−0.0265−0.2186i	−1.3312+1.0080i
63.6	0.1632+0.3515i	0.0748−0.2495i	−0.4018+0.2968i	−0.2090−0.3001i	0.0069−0.2847i	−0.0447−0.2376i	−1.2888+1.0222i
63.7	0.1590+0.3870i	0.0834−0.2418i	−0.4527+0.2860i	−0.2175−0.2962i	0.0231−0.2849i	−0.0296−0.2533i	−1.3792+0.9651i
63.8	0.1627+0.3671i	0.0806−0.2263i	−0.4175+0.2869i	−0.2241−0.2664i	0.0176−0.2598i	−0.0590−0.2212i	−1.3403+0.9474i
63.9	0.1496+0.3661i	0.1113−0.2286i	−0.4366+0.2766i	−0.2075−0.2878i	0.0448−0.2687i	−0.0404−0.2184i	−1.3567+0.9444i
64.0	0.1623+0.3653i	0.1530−0.2528i	−0.4408+0.2910i	−0.1729−0.2770i	0.0915−0.2945i	0.0013−0.2280i	−1.3695+1.0211i
64.1	0.1703+0.3427i	0.1569−0.2461i	−0.3782+0.2947i	−0.1687−0.2569i	0.0912−0.2814i	−0.0060−0.2163i	−1.2689+0.9903i
64.2	0.1711+0.3083i	0.1245−0.2123i	−0.3885+0.2804i	−0.2090−0.2514i	0.0540−0.2394i	−0.0226−0.1847i	−1.2356+0.9147i
64.3	0.1843+0.2779i	0.1031−0.2267i	−0.4170+0.3010i	−0.2161−0.2280i	0.0259−0.2450i	−0.0335−0.2026i	−1.2454+0.9417i
64.4	0.1546+0.2880i	0.1284−0.2470i	−0.4275+0.2726i	−0.1720−0.2489i	0.0533−0.2756i	−0.0172−0.2263i	−1.2511+0.8888i
64.5	0.1559+0.2632i	0.1395−0.2198i	−0.4337+0.2737i	−0.1597−0.2107i	0.0731−0.2392i	−0.0313−0.1953i	−1.2503+0.8709i
64.6	0.1483+0.2649i	0.1570−0.2095i	−0.4234+0.2822i	−0.1513−0.1966i	0.0861−0.2232i	−0.0422−0.1997i	−1.2768+0.8717i
64.7	0.1507+0.2783i	0.1493−0.2376i	−0.4343+0.2803i	−0.1413−0.2194i	0.0739−0.2612i	−0.0377−0.2243i	−1.2903+0.8744i
64.8	0.1415+0.2823i	0.1561−0.2630i	−0.4394+0.3235i	−0.1424−0.2456i	0.0849−0.2931i	−0.0314−0.2381i	−1.2585+0.9163i
64.9	0.1384+0.2811i	0.1304−0.2433i	−0.4462+0.3051i	−0.1429−0.2389i	0.0557−0.2679i	−0.0611−0.2289i	−1.2860+0.8607i
65.0	0.1365+0.2666i	0.1749−0.2592i	−0.4161+0.2797i	−0.1366−0.2136i	0.1030−0.2696i	−0.0477−0.2311i	−1.2483+0.8158i
65.1	0.1299+0.2750i	0.1825−0.2949i	−0.4174+0.2960i	−0.1191−0.2261i	0.1129−0.3082i	−0.0563−0.2587i	−1.2233+0.8659i
65.2	0.1511+0.2926i	0.1589−0.2879i	−0.4176+0.2775i	−0.1241−0.2665i	0.0906−0.3199i	−0.0871−0.2551i	−1.2095+0.8615i
65.3	0.1317+0.2449i	0.1817−0.2389i	−0.4025+0.2508i	−0.1066−0.2176i	0.1222−0.2561i	−0.0738−0.2241i	−1.2136+0.7901i
65.4	0.1266+0.2259i	0.2190−0.2068i	−0.3779+0.2408i	−0.1228−0.2016i	0.1422−0.2253i	−0.0927−0.1766i	−1.2158+0.7210i
65.5	0.1176+0.2360i	0.2321−0.2384i	−0.3733+0.2592i	−0.0996−0.2292i	0.1602−0.2611i	−0.0836−0.1654i	−1.2041+0.7034i
65.6	0.1045+0.2296i	0.2121−0.2499i	−0.3803+0.2674i	−0.1054−0.2036i	0.1399−0.2604i	−0.0761−0.2035i	−1.1963+0.6964i
65.7	0.0819+0.2059i	0.2261−0.2351i	−0.3755+0.2445i	−0.0861−0.1732i	0.1536−0.2393i	−0.0752−0.1824i	−1.1923+0.6516i
65.8	0.1169+0.2127i	0.2805−0.2619i	−0.3710+0.2223i	−0.1229−0.1742i	0.1943−0.2625i	−0.0939−0.1751i	−1.1813+0.6019i
65.9	0.1314+0.2107i	0.2308−0.3012i	−0.3801+0.2705i	−0.1267−0.1987i	0.1519−0.3107i	−0.1012−0.1928i	−1.1629+0.6903i
66.0	0.1017+0.1768i	0.2699−0.3123i	−0.3649+0.2655i	−0.0976−0.1585i	0.1934−0.3103i	−0.0831−0.1387i	−1.1904+0.6348i
66.1	0.1098+0.1709i	0.2519−0.3265i	−0.3402+0.2286i	−0.0900−0.1551i	0.1833−0.3178i	−0.0796−0.1580i	−1.1326+0.6244i
66.2	0.1121+0.1758i	0.2361−0.3485i	−0.3621+0.2333i	−0.1064−0.1688i	0.1584−0.3419i	−0.1003−0.1671i	−1.1627+0.5972i
66.3	0.1025+0.1880i	0.2379−0.3717i	−0.3792+0.2208i	−0.0929−0.1620i	0.1670−0.3683i	−0.0937−0.1695i	−1.1607+0.5632i
66.4	0.0815+0.1608i	0.2071−0.3385i	−0.3786+0.2145i	−0.0853−0.1293i	0.1514−0.3234i	−0.1068−0.1347i	−1.1923+0.4899i
66.5	0.0802+0.1596i	0.1979−0.2694i	−0.3624+0.2037i	−0.0895−0.1554i	0.1435−0.2689i	−0.0913−0.1576i	−1.1584+0.4906i
66.6	0.0844+0.1518i	0.1940−0.3063i	−0.3544+0.1979i	−0.1058−0.1412i	0.1266−0.2966i	−0.1151−0.1322i	−1.1264+0.4986i
66.7	0.0884+0.1352i	0.1082−0.3304i	−0.3557+0.1983i	−0.1155−0.1259i	0.0346−0.3095i	−0.1336−0.1242i	−1.1034+0.4458i
66.8	0.0586+0.1177i	0.1049−0.2475i	−0.3859+0.2168i	−0.0857−0.1201i	0.0400−0.2281i	−0.1592−0.1291i	−1.1587+0.4135i
66.9	0.0486+0.1419i	0.1914−0.3017i	−0.3749+0.1904i	−0.0577−0.1214i	0.1331−0.2894i	−0.1246−0.0981i	−1.1753+0.4348i
67.0	0.0534+0.1405i	0.1856−0.3484i	−0.3571+0.1875i	−0.0491−0.1308i	0.1299−0.3365i	−0.0927−0.1227i	−1.1672+0.4804i
67.1	0.0351+0.1451i	0.1929−0.3583i	−0.3638+0.2235i	−0.0687−0.1580i	0.1257−0.3543i	−0.1187−0.1420i	−1.1838+0.5102i
67.2	0.0181+0.1301i	0.1602−0.3500i	−0.3604+0.2005i	−0.0628−0.1388i	0.0995−0.3387i	−0.1553−0.1339i	−1.1037+0.4002i
67.3	0.0288+0.1315i	0.0891−0.3235i	−0.3216+0.1903i	−0.0958−0.1400i	0.0250−0.3048i	−0.1815−0.1175i	−0.9994+0.3257i
67.4	0.0184+0.1263i	0.0514−0.2890i	−0.3132+0.1823i	−0.0995−0.1232i	−0.0137−0.2636i	−0.1934−0.1023i	−1.0051+0.2853i
67.5	−0.0126+0.1209i	0.1206−0.3036i	−0.3277+0.1669i	−0.0742−0.1021i	0.0591−0.2754i	−0.2018−0.0691i	−1.0793+0.2668i
67.6	−0.0145+0.1055i	0.1095−0.3011i	−0.3603+0.1634i	−0.0432−0.0945i	0.0527−0.2721i	−0.2016−0.0741i	−1.1117+0.2259i
67.7	−0.0347+0.1143i	0.1476−0.2806i	−0.3580+0.1575i	−0.0109−0.1005i	0.1002−0.2613i	−0.1557−0.0876i	−1.1535+0.2561i
67.8	−0.0507+0.1275i	0.1954−0.2697i	−0.3590+0.1296i	0.0383−0.1012i	0.1554−0.2622i	−0.1303−0.0825i	−1.1924+0.2609i
67.9	−0.0596+0.1019i	0.1733−0.2532i	−0.3711+0.1504i	0.0312−0.0819i	0.1314−0.2415i	−0.1442−0.0874i	−1.1892+0.2368i
68.0	−0.0200+0.1321i	0.1365−0.3215i	−0.3862+0.1270i	0.0097−0.1356i	0.0826−0.3207i	−0.1405−0.0941i	−1.1556+0.2678i
68.1	−0.0214+0.1176i	0.1098−0.3147i	−0.4010+0.1243i	0.0144−0.1513i	0.0582−0.3226i	−0.1429−0.1162i	−1.1253+0.2520i
68.2	−0.0599+0.1034i	0.1361−0.2446i	−0.3890+0.1065i	−0.0143−0.1246i	0.0830−0.2406i	−0.1902−0.0922i	−1.0691+0.1428i
68.3	−0.0733+0.1336i	0.1631−0.2310i	−0.3737+0.0545i	−0.0279−0.0761i	0.1098−0.2206i	−0.1829−0.0406i	−1.0219+0.0082i
68.4	−0.0918+0.1329i	0.1549−0.2007i	−0.3777+0.0715i	−0.0428−0.0485i	0.0931−0.1814i	−0.2117−0.0077i	−1.0296−0.0358i
68.5	−0.0922+0.1243i	0.2172−0.2110i	−0.4098+0.0730i	0.0291−0.0781i	0.1618−0.1871i	−0.1999−0.0472i	−1.1649−0.0010i
68.6	−0.0734+0.0965i	0.1616−0.1917i	−0.4538+0.0479i	0.0219−0.0770i	0.1035−0.1643i	−0.1930−0.0692i	−1.1570−0.0716i

68.7	-0.0572+0.1253i	0.1562-0.1910i	-0.4507+0.0451i	0.0001-0.0779i	0.0976-0.1694i	-0.1783-0.0515i	-1.1278-0.0914i
68.8	-0.0411+0.1702i	0.1371-0.2491i	-0.4780+0.0598i	-0.0015-0.0992i	0.0736-0.2358i	-0.1460-0.0310i	-1.1725-0.0730i
68.9	-0.0555+0.1597i	0.1595-0.1988i	-0.4523+0.0461i	0.0392-0.0688i	0.1182-0.1840i	-0.1433-0.0238i	-1.1480-0.0707i
69.0	-0.0722+0.1148i	0.1861-0.1497i	-0.4373+0.0594i	0.0380-0.0624i	0.1285-0.1294i	-0.1844-0.0318i	-1.1367-0.0579i
69.1	-0.0963+0.1420i	0.2075-0.1856i	-0.4859+0.0798i	0.0423-0.0771i	0.1364-0.1709i	-0.2101-0.0394i	-1.1932-0.0651i
69.2	-0.0873+0.1400i	0.2357-0.1753i	-0.5192+0.0556i	0.0356-0.0616i	0.1676-0.1646i	-0.2046-0.0569i	-1.1841-0.1505i
69.3	-0.1020+0.1228i	0.2869-0.1568i	-0.5280+0.0317i	0.0696-0.0526i	0.2244-0.1477i	-0.2049-0.0635i	-1.2136-0.2395i
69.4	-0.1093+0.1126i	0.2956-0.1336i	-0.5383+0.0769i	0.1112-0.0163i	0.2331-0.1148i	-0.1954-0.0438i	-1.3252-0.2683i
69.5	-0.1265+0.1162i	0.2977-0.1272i	-0.5163+0.0341i	0.1100-0.0416i	0.2287-0.1157i	-0.2153-0.0514i	-1.2791-0.3147i
69.6	-0.1307+0.1260i	0.2697-0.1569i	-0.5325+0.0351i	0.0909-0.0575i	0.1895-0.1384i	-0.2294-0.0397i	-1.2306-0.3110i
69.7	-0.1360+0.1176i	0.2794-0.1071i	-0.5580+0.0766i	0.0906-0.0254i	0.2077-0.0872i	-0.2727-0.0395i	-1.2258-0.3285i
69.8	-0.1550+0.1206i	0.3291-0.1247i	-0.5505+0.0617i	0.1361-0.0408i	0.2642-0.1102i	-0.2759-0.0299i	-1.2350-0.3046i
69.9	-0.1778+0.1340i	0.3622-0.1807i	-0.5804+0.0823i	0.1465-0.0670i	0.2820-0.1702i	-0.2816-0.0340i	-1.2974-0.2896i
70.0	-0.1436+0.1172i	0.2901-0.1541i	-0.5976+0.0425i	0.1192-0.0663i	0.1975-0.1415i	-0.2712-0.0538i	-1.2623-0.3341i
70.1	-0.1343+0.0722i	0.3056-0.0974i	-0.6012+0.0229i	0.1487-0.0461i	0.2311-0.0780i	-0.2547-0.0514i	-1.3065-0.3853i
70.2	-0.1642+0.0914i	0.4082-0.1166i	-0.6250+0.0644i	0.1683-0.0578i	0.3351-0.0907i	-0.2655-0.0201i	-1.3445-0.3890i
70.3	-0.2139+0.0507i	0.4381-0.0115i	-0.6005+0.0389i	0.1860-0.0361i	0.3713+0.0149i	-0.2879-0.0142i	-1.2652-0.4514i
70.4	-0.2098+0.0493i	0.3863-0.0185i	-0.6412+0.0107i	0.1620-0.0248i	0.3030+0.0003i	-0.2920-0.0361i	-1.2339-0.5546i
70.5	-0.2230+0.0998i	0.4550-0.1065i	-0.6757+0.0086i	0.1935-0.0500i	0.3602-0.0846i	-0.3430-0.0202i	-1.2662-0.5562i
70.6	-0.2417+0.1215i	0.4946-0.1526i	-0.7152+0.0078i	0.1981-0.0770i	0.4020-0.1341i	-0.3392-0.0040i	-1.2736-0.5707i
70.7	-0.2345+0.1507i	0.4802-0.2242i	-0.6999+0.0364i	0.1808-0.1226i	0.3957-0.2018i	-0.3206+0.0306i	-1.2707-0.5404i
70.8	-0.2415+0.1081i	0.4858-0.1640i	-0.6994+0.0990i	0.2281-0.1012i	0.4234-0.1163i	-0.3308+0.0329i	-1.3503-0.5170i
70.9	-0.2270+0.0804i	0.4709-0.1250i	-0.7019+0.0902i	0.2258-0.0539i	0.4063-0.0756i	-0.2941+0.0162i	-1.2539-0.5747i
71.0	-0.2593+0.1069i	0.4959-0.1812i	-0.7382+0.0811i	0.2106-0.0875i	0.4004-0.1432i	-0.3465+0.0063i	-1.2000-0.6248i
71.1	-0.2654+0.1329i	0.5115-0.2206i	-0.7654+0.0917i	0.2185-0.1123i	0.4052-0.1865i	-0.3753+0.0274i	-1.2539-0.6616i
71.2	-0.2873+0.1240i	0.5486-0.2307i	-0.7980+0.0841i	0.2655-0.1306i	0.4391-0.1998i	-0.3715+0.0668i	-1.3008-0.6974i
71.3	-0.2691+0.1154i	0.5236-0.2216i	-0.8204+0.0941i	0.2509-0.0872i	0.4285-0.1812i	-0.3777+0.0676i	-1.3040-0.7873i
71.4	-0.3198+0.1029i	0.6165-0.1712i	-0.8129+0.0965i	0.2900-0.0616i	0.5289-0.1260i	-0.3896+0.0611i	-1.2394-0.8047i
71.5	-0.2855+0.1046i	0.5626-0.1747i	-0.8110+0.1404i	0.2707-0.0336i	0.4672-0.1053i	-0.3840+0.0912i	-1.2557-0.8342i
71.6	-0.3081+0.0761i	0.5765-0.1590i	-0.8313+0.1677i	0.2777-0.0568i	0.4776-0.0946i	-0.3975+0.0642i	-1.2580-0.8593i
71.7	-0.3294+0.1406i	0.6518-0.1955i	-0.8424+0.1358i	0.2967-0.0649i	0.5560-0.1323i	-0.4620+0.0895i	-1.1867-0.9484i
71.8	-0.4260+0.1764i	0.7600-0.2454i	-0.8153+0.1351i	0.3500-0.0910i	0.6716-0.1910i	-0.4310+0.0851i	-1.2150-0.9997i
71.9	-0.4632+0.1770i	0.7737-0.2617i	-0.8232+0.1923i	0.3702-0.1281i	0.6897-0.1963i	-0.4437+0.1186i	-1.3155-1.0948i
72.0	-0.4581+0.0992i	0.7718-0.1633i	-0.8461+0.2229i	0.3928-0.0707i	0.6972-0.0757i	-0.4592+0.1523i	-1.2758-1.1805i
72.1	-0.4770+0.1362i	0.7991-0.2097i	-0.8448+0.2205i	0.3995-0.0895i	0.7240-0.1195i	-0.4896+0.1813i	-1.2990-1.1917i
72.2	-0.5102+0.1241i	0.8462-0.1759i	-0.8565+0.2364i	0.4150-0.0643i	0.7697-0.0804i	-0.4992+0.1336i	-1.2350-1.2561i
72.3	-0.5350+0.1429i	0.8491-0.2105i	-0.9063+0.2912i	0.4218-0.0723i	0.7625-0.1108i	-0.5320+0.1307i	-1.3294-1.3777i
72.4	-0.5745+0.1671i	0.8708-0.2467i	-0.8906+0.2873i	0.4316-0.0964i	0.7867-0.1384i	-0.5322+0.1421i	-1.3565-1.3935i
72.5	-0.5400+0.1642i	0.8679-0.2360i	-0.9258+0.2990i	0.4276-0.0981i	0.7839-0.1285i	-0.5408+0.1630i	-1.3545-1.3702i
72.6	-0.6640+0.1983i	1.0239-0.3459i	-0.8941+0.4126i	0.5351-0.1430i	0.9500-0.2201i	-0.5791+0.2340i	-1.4766-1.5212i
72.7	-0.6671+0.1691i	1.0796-0.3488i	-0.9505+0.4715i	0.5870-0.1474i	1.0121-0.2220i	-0.6016+0.2589i	-1.5770-1.5492i
72.8	-0.7306+0.2443i	1.1531-0.3808i	-0.9291+0.4137i	0.6052-0.1820i	1.0782-0.2794i	-0.6521+0.2042i	-1.5180-1.5662i
72.9	-0.7790+0.2757i	1.2126-0.3993i	-0.9220+0.4029i	0.6289-0.2194i	1.1516-0.3151i	-0.6407+0.1997i	-1.5380-1.6320i
73.0	-0.7748+0.3268i	1.1916-0.5304i	-0.9372+0.4798i	0.6066-0.2520i	1.1106-0.4254i	-0.6857+0.2526i	-1.5651-1.6776i
73.1	-0.8260+0.3832i	1.2524-0.5713i	-0.9266+0.4747i	0.6471-0.2542i	1.1750-0.4460i	-0.7060+0.2901i	-1.6327-1.8166i
73.2	-0.8244+0.3451i	1.2710-0.5252i	-0.9606+0.5091i	0.6836-0.2423i	1.2053-0.4010i	-0.6918+0.2846i	-1.7425-1.8607i
73.3	-0.8047+0.3157i	1.2405-0.5026i	-0.9326+0.4846i	0.6882-0.2441i	1.2032-0.3859i	-0.6919+0.2947i	-1.6702-1.8150i
73.4	-0.7923+0.3921i	1.2006-0.6042i	-0.8506+0.5601i	0.6947-0.2789i	1.1923-0.4744i	-0.6476+0.3753i	-1.8266-1.8002i
73.5	-0.7298+0.4330i	1.1626-0.6573i	-0.9231+0.6173i	0.6738-0.2612i	1.1363-0.5044i	-0.7236+0.4380i	-1.8631-1.9520i
73.6	-0.7649+0.5084i	1.2023-0.7805i	-0.9111+0.6101i	0.7000-0.3375i	1.1636-0.6342i	-0.7534+0.4598i	-1.8927-2.0174i
73.7	-0.7332+0.6058i	1.1537-0.9069i	-0.8684+0.6544i	0.6771-0.4049i	1.1149-0.7578i	-0.7422+0.5273i	-1.9792-1.9931i
73.8	-0.7647+0.6273i	1.2178-0.8920i	-0.9422+0.6467i	0.7066-0.4139i	1.1816-0.7448i	-0.8118+0.5334i	-1.9551-2.1044i
73.9	-0.8693+0.7448i	1.3121-1.0714i	-0.9720+0.6455i	0.7667-0.5353i	1.2761-0.9216i	-0.8765+0.5627i	-2.1014-2.2436i
74.0	-0.8897+0.6994i	1.3256-1.0328i	-0.9241+0.6541i	0.7985-0.5291i	1.3252-0.8987i	-0.8424+0.5682i	-2.1639-2.1951i
74.1	-0.8948+0.7772i	1.3723-1.1585i	-0.9186+0.7408i	0.8118-0.6104i	1.3566-1.0400i	-0.8889+0.6512i	-2.2095-2.1588i
74.2	-0.8822+0.9605i	1.2950-1.4046i	-0.9415+0.7846i	0.7210-0.7486i	1.2439-1.2867i	-0.9341+0.7384i	-2.2431-2.2049i
74.3	-0.8427+0.9199i	1.2513-1.3513i	-0.9398+0.8281i	0.7036-0.7075i	1.1999-1.2210i	-0.9376+0.7643i	-2.2697-2.2188i
74.4	-0.8907+0.9391i	1.3527-1.4288i	-0.9627+0.8754i	0.7913-0.7707i	1.3181-1.2938i	-0.9518+0.8315i	-2.2743-2.3111i
74.5	-0.8724+0.9743i	1.3020-1.4842i	-0.9917+0.9307i	0.7778-0.7970i	1.2528-1.3461i	-0.9799+0.8521i	-2.3829-2.3326i
74.6	-0.7457+1.0509i	1.0970-1.5493i	-0.9730+0.9511i	0.6802-0.8059i	1.0586-1.4041i	-0.9196+0.9370i	-2.4619-2.3630i
74.7	-0.7058+1.0753i	1.0834-1.5630i	-0.9909+0.9934i	0.6939-0.8280i	1.0674-1.4109i	-0.9120+1.0144i	-2.5121-2.4165i
74.8	-0.7455+1.2362i	1.1070-1.8174i	-0.9570+1.0574i	0.6839-1.0028i	1.0643-1.6680i	-0.9602+1.1427i	-2.5713-2.5185i
74.9	-0.8064+1.2954i	1.1665-1.8480i	-0.9145+1.0999i	0.6911-1.0037i	1.1278-1.6867i	-1.0020+1.2211i	-2.6227-2.6248i

75.0	-0.7280+1.2674i	1.0783-1.7850i	-0.8185+1.1468i	0.6701-0.9743i	1.0788-1.6234i	-0.8679+1.2785i	-2.7531-2.5876i
75.1	-0.6374+1.3131i	0.9478-1.9050i	-0.7476+1.2246i	0.6144-1.0400i	0.9542-1.7352i	-0.7759+1.3828i	-2.8704-2.6127i
75.2	-0.6681+1.3358i	0.9616-1.9138i	-0.7726+1.2812i	0.6261-1.0573i	0.9546-1.7264i	-0.8793+1.4159i	-2.8171-2.6528i
75.3	-0.5622+1.4167i	0.7904-1.9984i	-0.7281+1.3146i	0.5459-1.1065i	0.7990-1.8128i	-0.8009+1.4593i	-3.0698-2.8019i
75.4	-0.5305+1.4197i	0.7648-2.0725i	-0.6933+1.3860i	0.5187-1.1693i	0.7613-1.8818i	-0.7994+1.5293i	-3.1546-2.8028i
75.5	-0.3767+1.4552i	0.5536-2.1000i	-0.6342+1.4662i	0.4018-1.1719i	0.5469-1.9001i	-0.7013+1.6583i	-3.3223-2.7459i
75.6	-0.3490+1.5029i	0.4576-2.1574i	-0.5818+1.5136i	0.3502-1.1792i	0.4670-1.9517i	-0.6432+1.7342i	-3.3749-2.8740i
75.7	-0.4133+1.5521i	0.5336-2.2111i	-0.5146+1.5544i	0.3888-1.2264i	0.5545-1.9998i	-0.6727+1.8537i	-3.4511-2.9230i
75.8	-0.3387+1.6235i	0.4280-2.2584i	-0.3954+1.5819i	0.3318-1.2690i	0.4603-2.0474i	-0.5652+1.9708i	-3.5394-2.7714i
75.9	-0.2474+1.5232i	0.2890-2.1571i	-0.2459+1.5539i	0.2697-1.2007i	0.3409-1.9404i	-0.3950+1.9312i	-3.6022-2.7124i
76.0	-0.1704+1.5721i	0.2092-2.2157i	-0.1951+1.5949i	0.2298-1.2234i	0.2761-1.9911i	-0.2946+2.0331i	-3.7865-2.8035i
76.1	-0.1155+1.6221i	0.1153-2.2552i	-0.1129+1.6717i	0.1731-1.2631i	0.1849-2.0233i	-0.2233+2.1273i	-3.9844-2.8073i
76.2	-0.0496+1.6483i	0.0261-2.2655i	-0.0533+1.6773i	0.1310-1.2919i	0.0973-2.0413i	-0.1416+2.2054i	-4.1975-2.7354i
76.3	-0.0500+1.6729i	0.0149-2.2521i	0.0338+1.6821i	0.1360-1.2913i	0.1235-2.0313i	-0.0377+2.2918i	-4.3102-2.8027i
76.4	0.0995+1.6031i	-0.2144-2.1991i	0.1845+1.6536i	-0.0034-1.2414i	-0.0882-1.9853i	0.1897+2.2669i	-4.3103-2.6654i
76.5	0.1899+1.6149i	-0.3084-2.1925i	0.2806+1.6470i	-0.0257-1.2180i	-0.1679-1.9632i	0.3894+2.3374i	-4.2813-2.6782i
76.6	0.1663+1.6224i	-0.2599-2.2093i	0.3464+1.5898i	0.0132-1.2945i	-0.1173-1.9939i	0.4811+2.3048i	-4.3090-2.6981i
76.7	0.1981+1.5313i	-0.3323-2.1336i	0.4509+1.6126i	-0.0357-1.2859i	-0.1814-1.9049i	0.6149+2.2821i	-4.4884-2.6457i
76.8	0.2191+1.5689i	-0.4065-2.0980i	0.6390+1.5418i	-0.0724-1.2581i	-0.2148-1.8860i	0.8069+2.2462i	-4.6966-2.6142i
76.9	0.2892+1.6083i	-0.4885-2.1235i	0.7557+1.4927i	-0.1333-1.2737i	-0.2764-1.9227i	0.9367+2.2452i	-4.8056-2.5886i
77.0	0.2663+1.5401i	-0.4985-2.0428i	0.8374+1.3721i	-0.1605-1.2387i	-0.2920-1.8454i	1.0242+2.1282i	-4.8249-2.3467i
77.1	0.3292+1.5774i	-0.4968-2.0381i	0.7719+1.3511i	-0.1348-1.2281i	-0.2818-1.8552i	1.0284+2.1560i	-4.8172-2.3743i
77.2	0.2810+1.5167i	-0.4039-1.9498i	0.9028+1.2766i	-0.0235-1.2176i	-0.1514-1.7901i	1.1828+2.0824i	-4.8429-2.3601i
77.3	0.2865+1.5198i	-0.4210-1.9648i	1.0457+1.1713i	-0.0500-1.2601i	-0.1531-1.8316i	1.3784+1.9944i	-4.9724-2.3104i
77.4	0.3906+1.6411i	-0.4903-2.0786i	1.0187+1.1000i	-0.0978-1.3133i	-0.2242-1.9724i	1.4548+1.9695i	-5.0287-2.3681i
77.5	0.4673+1.6154i	-0.6057-2.0033i	0.9861+1.0098i	-0.1573-1.2701i	-0.3430-1.8970i	1.4486+1.8352i	-5.2117-2.2493i
77.6	0.5478+1.5851i	-0.7075-2.0146i	1.1788+0.8309i	-0.2434-1.3327i	-0.4374-1.9441i	1.7000+1.5937i	-5.2498-2.1590i
77.7	0.5724+1.6307i	-0.7305-2.0574i	1.1238+0.6815i	-0.2851-1.3872i	-0.4702-2.0160i	1.6584+1.4695i	-5.3756-2.2597i
77.8	0.5650+1.5927i	-0.7505-2.0180i	1.0967+0.6475i	-0.2994-1.3770i	-0.4749-1.9719i	1.6640+1.4122i	-5.3879-2.1417i
77.9	0.6112+1.6361i	-0.8289-2.0198i	1.2344+0.4736i	-0.3531-1.3853i	-0.5254-2.0033i	1.8175+1.2274i	-5.5917-2.0668i
78.0	0.6544+1.6159i	-0.8600-1.9610i	1.2231+0.2793i	-0.3792-1.3661i	-0.5656-1.9857i	1.8354+1.0064i	-5.5355-1.9129i
78.1	0.7745+1.6215i	-0.9549-1.9339i	1.2286+0.1859i	-0.4370-1.3517i	-0.6620-1.9866i	1.8958+0.9051i	-5.7635-1.9049i
78.2	0.8183+1.5266i	-0.9913-1.8296i	1.1418+0.0143i	-0.5054-1.3199i	-0.7282-1.9124i	1.8065+0.6985i	-5.9001-1.7754i
78.3	0.8300+1.5147i	-1.0031-1.7880i	1.0150-0.1052i	-0.5686-1.2737i	-0.7880-1.8928i	1.6560+0.5295i	-5.8536-1.7477i
78.4	0.8992+1.5180i	-1.0714-1.7848i	0.9290-0.1800i	-0.6385-1.2462i	-0.8689-1.8981i	1.5635+0.4382i	-5.9403-1.8069i
78.5	1.0489+1.4535i	-1.1662-1.7533i	0.8094-0.2622i	-0.6640-1.2389i	-0.9945-1.8764i	1.5185+0.3862i	-5.9683-1.7411i
78.6	1.0667+1.4439i	-1.1310-1.7287i	0.7947-0.3056i	-0.6345-1.2160i	-0.9664-1.8660i	1.4717+0.3512i	-5.9270-1.6654i
78.7	1.0865+1.3491i	-1.1451-1.6351i	0.7080-0.3613i	-0.6359-1.1514i	-1.0061-1.7694i	1.3497+0.2472i	-5.9673-1.4462i
78.8	1.0303+1.3282i	-1.0846-1.6496i	0.5452-0.5218i	-0.6488-1.1782i	-0.9928-1.7948i	1.0994+0.1141i	-5.9958-1.4999i
78.9	1.0715+1.3051i	-1.1049-1.6835i	0.3738-0.5838i	-0.6752-1.2172i	-1.0525-1.8180i	0.9071+0.1383i	-6.0435-1.5723i
79.0	1.0055+1.2794i	-1.0873-1.7046i	0.1737-0.5539i	-0.7168-1.2517i	-1.0394-1.8184i	0.7396+0.2211i	-6.2887-1.9358i
79.1	1.0015+1.4450i	-1.1630-1.8429i	0.0315-0.2357i	-0.8514-1.2932i	-1.1067-1.9267i	0.7125+0.6503i	-6.9227-1.9383i
79.2	1.2378+1.5840i	-1.3771-1.8912i	0.1941-0.0204i	-0.9218-1.2204i	-1.2983-1.9648i	1.0334+0.8695i	-7.3905-1.5273i
79.3	1.4156+1.4302i	-1.5098-1.7005i	0.3898-0.1209i	-0.9400-1.0685i	-1.4289-1.7805i	1.2683+0.6497i	-7.2867-1.0017i
79.4	1.4935+1.3260i	-1.5529-1.5674i	0.2907-0.1642i	-0.9290-0.9400i	-1.4946-1.6357i	1.2364+0.5869i	-7.1063-0.5892i
79.5	1.6640+1.1106i	-1.7065-1.3882i	0.3007-0.1715i	-0.9459-0.8706i	-1.6451-1.4496i	1.3762+0.5013i	-6.9775-0.2361i
79.6	1.5872+1.0405i	-1.6437-1.3792i	0.1235-0.3430i	-0.9526-0.9033i	-1.6064-1.4290i	1.1552+0.3223i	-6.8732-0.1192i
79.7	1.6235+1.0660i	-1.6355-1.4360i	0.1160-0.3494i	-0.9441-0.9529i	-1.5994-1.4823i	1.1536+0.3632i	-7.0438+0.0116i
79.8	1.5989+0.9359i	-1.6231-1.3738i	0.1051-0.3006i	-0.9716-0.9673i	-1.5713-1.4171i	1.1235+0.3851i	-7.0064+0.1103i
79.9	1.6650+0.8558i	-1.6924-1.3424i	0.0483-0.3566i	-1.0124-0.9549i	-1.6391-1.3949i	1.1120+0.2830i	-6.9311+0.2675i
80.0	1.7468+0.8346i	-1.7522-1.3440i	-0.0126-0.3970i	-1.0035-0.9562i	-1.6976-1.3844i	1.1859+0.2986i	-6.8098+0.6584i

2.1.109 Run 11 – IP000NVP – Accels 1–8

In-plane shaking at 0° with no vertical shake plate. Accelerometers 1–8.

f (Hz)	acc1 ($g/lb \times 10^{-3}$)	acc2 ($g/lb \times 10^{-3}$)	acc3 ($g/lb \times 10^{-3}$)	acc4 ($g/lb \times 10^{-3}$)	acc5 ($g/lb \times 10^{-3}$)	acc6 ($g/lb \times 10^{-3}$)	acc7 ($g/lb \times 10^{-3}$)	acc8 ($g/lb \times 10^{-3}$)
0.0	-17.4989+0.0000i	25.2443+0.0000i	1.5269+0.0000i	41.9080+0.0000i	-3.9383+0.0000i	19.2851+0.0000i	10.8186+0.0000i	12.5623+0.0000i
0.1	-18.0439+1.3608i	24.9195-0.8928i	1.9000-0.4807i	40.8804-0.7449i	-3.4370-1.2059i	19.0849+0.0893i	10.0366-2.8602i	14.9615+8.2481i
0.2	0.6273+2.0673i	-0.2972+2.2921i	-3.0263+4.7987i	-1.3721+6.7736i	-3.0777+12.1764i	9.5340+7.6970i	0.9790+5.3304i	8.6290-12.1210i
0.3	2.8717+1.3545i	-0.2350-1.2490i	-0.3798-0.7103i	2.1292-0.1436i	-1.7821+5.2841i	1.7140+2.0869i	0.7287+2.1418i	-2.9589+10.1404i
0.4	3.4346+2.6702i	1.2777+1.2142i	0.9270+1.6875i	1.7893+0.2131i	0.2730+1.0265i	2.8094+2.2504i	1.8103+1.1114i	0.8362+7.1967i
0.5	-2.7370+7.2271i	-0.3413+6.0475i	-3.9335+8.5801i	-0.0413+1.6951i	-0.0729+0.8375i	0.2055+2.5766i	1.0445+0.1914i	2.0238+3.2683i
0.6	-0.0006-0.8219i	-0.4627-0.4765i	0.4741-0.1237i	0.2241-0.1488i	-0.0172+0.0136i	-0.0553-0.1832i	0.1066+0.2736i	1.3753-0.8634i
0.7	0.6828-0.1777i	0.2183-0.1258i	0.4843+0.0013i	0.0442-0.0479i	-0.1069+0.0092i	-0.0329-0.0949i	-0.0517-0.0286i	0.3056-0.2407i
0.8	0.5149+0.6216i	0.2282+0.5787i	-0.0687+0.3318i	0.1014-0.0071i	-0.1205+0.0465i	-0.0273-0.0251i	-0.0365+0.0145i	-0.0945-0.0472i
0.9	0.4731+0.7568i	0.1365+0.7741i	-0.3238+0.3296i	0.0809+0.0391i	-0.0481+0.0014i	-0.0669+0.0059i	0.0021+0.0183i	-0.1571+0.0114i
1.0	0.5058+0.6668i	0.5158+0.5273i	-0.4085-0.1822i	0.0498-0.0331i	-0.0939-0.0200i	-0.0084-0.0185i	-0.0204+0.0040i	-0.0989+0.0091i
1.1	0.3591-0.1202i	0.3229-0.0837i	-0.0311-0.3537i	0.0464-0.0251i	-0.1505-0.0003i	-0.0004+0.0100i	-0.0225+0.0185i	-0.1200-0.0015i
1.2	0.1019-0.0518i	0.1578-0.0236i	0.1323+0.0180i	0.0132+0.0082i	-0.1841-0.0132i	0.0383-0.0120i	-0.0137-0.0056i	-0.1520-0.0309i
1.3	0.3872+0.1213i	0.4804+0.0286i	0.3002+0.0232i	-0.0012+0.0203i	-0.2086-0.0193i	0.0152-0.0392i	-0.0121-0.0046i	-0.1937-0.0906i
1.4	0.5757+0.0359i	0.5593-0.0190i	0.0066+0.0277i	-0.0008-0.0049i	-0.2794-0.0318i	-0.0298-0.0248i	-0.0089-0.0008i	-0.3879-0.0547i
1.5	0.5575-0.0058i	0.5040-0.0583i	-0.0462+0.1741i	-0.0221+0.0097i	-0.3520-0.0103i	-0.0394-0.0188i	-0.0193+0.0059i	-0.3911+0.1335i
1.6	0.6355+0.1773i	0.6305+0.0987i	0.0319+0.1002i	-0.0314+0.0090i	-0.4417-0.0283i	-0.0663-0.0066i	-0.0256+0.0005i	-0.3374+0.0459i
1.7	0.7744+0.1417i	0.7859+0.1062i	-0.0190-0.0440i	-0.0332+0.0104i	-0.5748-0.0371i	-0.0731+0.0078i	-0.0312-0.0021i	-0.5079-0.0276i
1.8	1.1461+0.0365i	1.1460+0.0169i	0.0760-0.0084i	-0.0320+0.0020i	-0.7888-0.0069i	-0.0895+0.0221i	-0.0421-0.0013i	-0.7314-0.0110i
1.9	1.3653+0.0097i	1.3693-0.0132i	0.0656+0.0236i	-0.0462+0.0040i	-1.0250+0.0260i	-0.1183+0.0526i	-0.0530+0.0008i	-0.9610+0.0127i
2.0	1.8043+0.0817i	1.8093+0.0587i	0.0461+0.1101i	-0.0591+0.0045i	-1.3959-0.0156i	-0.1717+0.1154i	-0.0697-0.0005i	-1.3168-0.0387i
2.1	2.2645+0.0212i	2.2835-0.0140i	0.1033+0.2506i	-0.0690+0.0037i	-1.8032+0.0678i	-0.1435+0.2072i	-0.0870+0.0028i	-1.7217+0.0271i
2.2	3.7119-0.2822i	3.7044-0.3342i	0.5829+0.3752i	-0.1151+0.0172i	-3.0416+0.4023i	0.0675+0.2192i	-0.1391+0.0146i	-2.9714+0.3432i
2.3	3.6314-3.7357i	3.5632-3.7144i	0.9413-0.4889i	-0.1262+0.1615i	-2.8948+3.5770i	0.0489+0.0312i	-0.1383+0.1467i	-2.8357+3.4688i
2.4	-3.6950-1.7757i	-3.6841-1.7910i	-0.1545-0.1889i	0.1377+0.0572i	3.9590+1.7507i	0.1267+0.1147i	0.1369+0.0772i	3.8840+1.7232i
2.5	-2.3287-0.7215i	-2.2804-0.7815i	-0.0737-0.0773i	0.1098+0.0137i	2.7139+0.7409i	0.1142+0.0609i	0.0845+0.0320i	2.6679+0.7333i
2.6	-1.6502-0.3474i	-1.5552-0.3781i	-0.1131-0.0180i	0.0747+0.0163i	2.0280+0.3677i	0.0978+0.0378i	0.0555+0.0164i	2.0011+0.3664i
2.7	-1.1486-0.2602i	-1.0536-0.2781i	-0.0933-0.0022i	0.0453+0.0117i	1.5915+0.2218i	0.0829+0.0269i	0.0339+0.0098i	1.5784+0.2253i
2.8	-0.8792-0.1852i	-0.7916-0.1966i	-0.1015-0.0302i	0.0343+0.0038i	1.3627+0.1749i	0.0736+0.0199i	0.0215+0.0083i	1.3595+0.1776i
2.9	-0.6006-0.1292i	-0.5129-0.1391i	-0.0126-0.0234i	0.0370+0.0070i	1.2000+0.1636i	0.0667+0.0174i	0.0121+0.0086i	1.2049+0.1648i
3.0	-0.4500-0.1333i	-0.3511-0.1454i	0.0236-0.0162i	0.0294+0.0061i	1.0804+0.1344i	0.0606+0.0150i	0.0037+0.0069i	1.0919+0.1368i
3.1	-0.3546-0.1157i	-0.2557-0.1176i	-0.0015-0.0357i	0.0235+0.0045i	0.9989+0.1064i	0.0563+0.0127i	-0.0033+0.0047i	1.0154+0.1096i
3.2	-0.2325-0.1062i	-0.1150-0.1159i	-0.0115-0.0364i	0.0229+0.0060i	0.9255+0.1005i	0.0529+0.0122i	-0.0101+0.0049i	0.9478+0.1027i
3.3	-0.1091-0.0661i	0.0224-0.0739i	0.0348-0.0497i	0.0189+0.0050i	0.8740+0.0915i	0.0501+0.0096i	-0.0161+0.0046i	0.9022+0.0949i
3.4	0.0426-0.0953i	0.1701-0.1052i	0.0551-0.0509i	0.0090+0.0037i	0.8128+0.0849i	0.0471+0.0079i	-0.0251+0.0041i	0.8465+0.0872i
3.5	0.1004-0.1042i	0.2318-0.1207i	0.0459-0.0422i	0.0083+0.0020i	0.7773+0.0830i	0.0454+0.0089i	-0.0308+0.0043i	0.8163+0.0839i
3.6	0.1696-0.1077i	0.3211-0.1125i	0.0339-0.0887i	0.0085-0.0002i	0.7470+0.0777i	0.0430+0.0087i	-0.0367+0.0038i	0.7913+0.0801i
3.7	0.2624-0.0690i	0.4265-0.0750i	0.0788-0.0688i	0.0051+0.0011i	0.7180+0.0718i	0.0412+0.0078i	-0.0437+0.0033i	0.7675+0.0753i
3.8	0.3415-0.0265i	0.5165-0.0451i	0.0515-0.0259i	-0.0007+0.0048i	0.6902+0.0680i	0.0393+0.0071i	-0.0518+0.0021i	0.7464+0.0706i
3.9	0.4204-0.0442i	0.6093-0.0530i	0.0267-0.0220i	-0.0049+0.0047i	0.6664+0.0669i	0.0372+0.0053i	-0.0599+0.0028i	0.7296+0.0697i
4.0	0.4889-0.0190i	0.6892-0.0183i	0.0323-0.0054i	-0.0081+0.0050i	0.6459+0.0639i	0.0363+0.0056i	-0.0663+0.0020i	0.7144+0.0680i
4.1	0.5720-0.0257i	0.7787-0.0330i	0.0599-0.0100i	-0.0105+0.0050i	0.6228+0.0683i	0.0341+0.0067i	-0.0752+0.0031i	0.7002+0.0708i
4.2	0.6437-0.0778i	0.8653-0.0753i	0.0338-0.0186i	-0.0109+0.0071i	0.6096+0.0703i	0.0319+0.0064i	-0.0821+0.0044i	0.6934+0.0714i
4.3	0.7765-0.1246i	1.0078-0.1171i	0.0532-0.0174i	-0.0158+0.0055i	0.5909+0.0730i	0.0304+0.0072i	-0.0928+0.0049i	0.6839+0.0742i
4.4	0.8733-0.0789i	1.1285-0.0796i	0.1093-0.0148i	-0.0152+0.0056i	0.5759+0.0811i	0.0306+0.0111i	-0.1033+0.0054i	0.6766+0.0808i
4.5	0.9235-0.1327i	1.1734-0.1285i	0.0930-0.0047i	-0.0262+0.0100i	0.5692+0.0801i	0.0322+0.0110i	-0.1120+0.0056i	0.6770+0.0786i
4.6	1.0598-0.1007i	1.3333-0.1027i	0.1202-0.0314i	-0.0299+0.0110i	0.5585+0.0849i	0.0312+0.0081i	-0.1233+0.0072i	0.6750+0.0827i
4.7	1.1729+0.0244i	1.4742-0.0003i	0.1407-0.0367i	-0.0331+0.0024i	0.5450+0.0887i	0.0303+0.0088i	-0.1364+0.0090i	0.6695+0.0858i
4.8	1.1745-0.0216i	1.4917-0.0356i	0.0460-0.0128i	-0.0481+0.0126i	0.5294+0.0891i	0.0271+0.0090i	-0.1510+0.0078i	0.6678+0.0853i
4.9	1.3619-0.0914i	1.6809-0.1134i	0.0951-0.0047i	-0.0478+0.0102i	0.5176+0.0955i	0.0247+0.0094i	-0.1646+0.0078i	0.6662+0.0900i
5.0	1.4966-0.0705i	1.8540-0.0968i	0.1511+0.0204i	-0.0542+0.0135i	0.5114+0.1029i	0.0236+0.0099i	-0.1807+0.0122i	0.6721+0.0949i
5.1	1.5554-0.1037i	1.9150-0.1002i	0.1757-0.0260i	-0.0702+0.0203i	0.4978+0.1149i	0.0216+0.0112i	-0.1991+0.0147i	0.6737+0.1033i
5.2	1.6151-0.1675i	1.9859-0.1509i	0.2016-0.0217i	-0.0755+0.0257i	0.4844+0.1238i	0.0214+0.0130i	-0.2217+0.0166i	0.6740+0.1113i
5.3	1.7102-0.1078i	2.1039-0.1219i	0.1781+0.0639i	-0.0844+0.0329i	0.4802+0.1368i	0.0203+0.0143i	-0.2404+0.0235i	0.6811+0.1205i
5.4	1.7991-0.1632i	2.1858-0.1638i	0.1794-0.0459i	-0.1018+0.0374i	0.4722+0.1580i	0.0178+0.0192i	-0.2658+0.0289i	0.6925+0.1341i
5.5	1.8235-0.2145i	2.2263-0.1894i	0.1283-0.0198i	-0.1190+0.0494i	0.4699+0.1746i	0.0191+0.0233i	-0.2892+0.0322i	0.7053+0.1472i
5.6	1.9810-0.1315i	2.3943-0.1833i	0.2175+0.1189i	-0.1474+0.0630i	0.4846+0.1881i	0.0189+0.0256i	-0.3246+0.0460i	0.7376+0.1515i

5.7	2.1010-0.1894i	2.5482-0.2215i	0.1926+0.0606i	-0.1574+0.0759i	0.4842+0.1971i	0.0185+0.0293i	-0.3480+0.0556i	0.7515+0.1549i
5.8	2.1557-0.3168i	2.6474-0.3092i	0.1631-0.0083i	-0.1705+0.0865i	0.4882+0.2261i	0.0211+0.0327i	-0.3764+0.0764i	0.7731+0.1715i
5.9	2.1916-0.3128i	2.6947-0.3454i	0.2206+0.0235i	-0.1869+0.1048i	0.5298+0.2443i	0.0258+0.0380i	-0.3979+0.0892i	0.8225+0.1798i
6.0	2.2990-0.3712i	2.8060-0.3997i	0.1687+0.0091i	-0.2072+0.1169i	0.5514+0.2534i	0.0354+0.0389i	-0.4330+0.1014i	0.8596+0.1793i
6.1	2.4258-0.4512i	2.9609-0.4642i	0.1334+0.0175i	-0.2339+0.1216i	0.5645+0.2428i	0.0408+0.0352i	-0.4761+0.1132i	0.8942+0.1652i
6.2	2.5505-0.4028i	3.1018-0.4164i	0.2084+0.0205i	-0.2636+0.1281i	0.5764+0.2306i	0.0452+0.0309i	-0.5273+0.1144i	0.9283+0.1576i
6.3	2.7173-0.4361i	3.3099-0.4159i	0.2119-0.0000i	-0.3044+0.1437i	0.5788+0.2156i	0.0458+0.0238i	-0.6027+0.1235i	0.9653+0.1414i
6.4	3.0048-0.4272i	3.6167-0.4033i	0.1917-0.1407i	-0.3695+0.1678i	0.5656+0.2059i	0.0407+0.0196i	-0.7080+0.1499i	1.0023+0.1226i
6.5	3.1774-0.4150i	3.8045-0.4190i	0.2546-0.1309i	-0.4378+0.2017i	0.5793+0.2166i	0.0382+0.0198i	-0.8145+0.2017i	1.0605+0.1165i
6.6	3.3083-0.4456i	3.9482-0.4761i	0.2553-0.0814i	-0.5203+0.2515i	0.5981+0.2134i	0.0375+0.0219i	-0.9321+0.2779i	1.1316+0.0897i
6.7	3.4971-0.4775i	4.2103-0.4842i	0.2358-0.1192i	-0.6466+0.3259i	0.6091+0.2138i	0.0358+0.0206i	-1.1113+0.3548i	1.2224+0.0675i
6.8	3.8328-0.6557i	4.5819-0.6674i	0.3083-0.1544i	-0.7834+0.4876i	0.6243+0.2166i	0.0378+0.0184i	-1.3009+0.5512i	1.3153-0.0010i
6.9	4.2002-0.8651i	4.9839-0.9210i	0.3689-0.0846i	-1.0540+0.7485i	0.6403+0.2090i	0.0372+0.0202i	-1.6694+0.8896i	1.4701-0.1254i
7.0	4.5188-1.3081i	5.3814-1.3519i	0.3437-0.1586i	-1.3089+1.2416i	0.6597+0.2014i	0.0349+0.0222i	-2.0093+1.4988i	1.6225-0.3364i
7.1	4.5221-2.2559i	5.3703-2.4089i	0.4094-0.2559i	-1.1022+2.3986i	0.7078+0.1641i	0.0394+0.0262i	-1.7958+2.9647i	1.6247-0.8572i
7.2	3.6711-2.7258i	4.4142-2.9649i	0.3350-0.2168i	0.1350+3.0250i	0.6993+0.0934i	0.0419+0.0117i	-0.2930+3.7452i	1.1537-1.1811i
7.3	2.8303-2.5237i	3.5194-2.7128i	0.1853-0.2786i	1.2121+2.6738i	0.6350+0.0700i	0.0233+0.0210i	1.0257+3.3098i	0.6950-1.0898i
7.4	2.3597-2.0054i	2.9931-2.1429i	0.0278-0.2498i	2.0398+1.9378i	0.5979+0.0870i	0.0373+0.0505i	2.0483+2.4131i	0.3298-0.8187i
7.5	2.5696-1.3102i	3.2252-1.4236i	0.1474-0.1769i	2.0696+1.1284i	0.5878+0.0841i	0.0534+0.0352i	2.0587+1.4360i	0.3279-0.4928i
7.6	2.9561-0.7768i	3.7207-0.8411i	0.1782-0.0209i	1.8205+0.5810i	0.5681+0.0866i	0.0542+0.0189i	1.7187+0.7505i	0.4614-0.2546i
7.7	3.3352-0.7175i	4.1364-0.7692i	0.1576+0.0477i	1.5853+0.4256i	0.5611+0.0926i	0.0471+0.0152i	1.3936+0.5534i	0.6042-0.1971i
7.8	3.8751-0.7389i	4.6937-0.7857i	0.2598-0.0427i	1.4173+0.4028i	0.5567+0.1148i	0.0422+0.0193i	1.1293+0.5695i	0.7275-0.2259i
7.9	4.0363-0.8881i	4.8970-0.8905i	0.3524-0.1186i	1.4210+0.3920i	0.5458+0.1176i	0.0441+0.0185i	1.0926+0.6009i	0.7598-0.2715i
8.0	4.1371-0.9240i	5.0277-0.9580i	0.3862+0.0150i	1.4416+0.3002i	0.5458+0.1235i	0.0439+0.0149i	1.1032+0.5138i	0.7800-0.2570i
8.1	4.2442-1.0385i	5.2504-1.0783i	0.3076+0.0048i	1.4135+0.2650i	0.5607+0.1278i	0.0391+0.0204i	1.0423+0.4880i	0.8421-0.2711i
8.2	4.3714-1.0182i	5.4161-1.0382i	0.2562-0.1067i	1.4591+0.1739i	0.5676+0.1262i	0.0393+0.0225i	1.0694+0.3926i	0.8764-0.2517i
8.3	4.8001-1.0691i	5.8456-1.0849i	0.3232-0.0934i	1.4694+0.0699i	0.5527+0.1312i	0.0379+0.0217i	1.0288+0.2950i	0.9422-0.2453i
8.4	5.0306-0.9696i	6.1357-1.0010i	0.3330+0.0258i	1.4831+0.0233i	0.5491+0.1267i	0.0372+0.0228i	0.9896+0.2536i	1.0121-0.2531i
8.5	5.4780-0.9725i	6.6413-1.0263i	0.4003-0.0018i	1.5145-0.0434i	0.5488+0.1278i	0.0358+0.0255i	0.9374+0.2087i	1.1382-0.2968i
8.6	5.9012-1.2125i	7.0582-1.2256i	0.5487-0.0733i	1.5828-0.1060i	0.5447+0.1388i	0.0363+0.0306i	0.9198+0.1836i	1.2384-0.3492i
8.7	6.2965-1.5298i	7.5214-1.5725i	0.4556-0.1517i	1.6720-0.2222i	0.5227+0.1381i	0.0384+0.0326i	0.9278+0.1535i	1.3448-0.4657i
8.8	6.7020-1.8445i	8.0408-1.9442i	0.3598-0.2263i	1.7611-0.3677i	0.5089+0.1422i	0.0400+0.0336i	0.9233+0.1136i	1.4963-0.5985i
8.9	7.1436-2.3227i	8.5327-2.4845i	0.3733-0.3341i	1.8665-0.5757i	0.4877+0.1693i	0.0329+0.0380i	0.9342+0.0619i	1.5964-0.7887i
9.0	7.4050-3.2901i	8.7860-3.5452i	0.3344-0.3979i	1.9032-0.9184i	0.4829+0.2108i	0.0374+0.0596i	0.9431-0.0036i	1.6246-1.1567i
9.1	7.2705-3.5537i	8.6832-3.9297i	0.5396-0.1339i	1.8893-1.0929i	0.4750+0.2271i	0.0534+0.0693i	0.9721-0.0632i	1.5417-1.3044i
9.2	8.3345-4.9087i	9.8025-5.3868i	0.8105-0.1689i	2.1264-1.6429i	0.4433+0.3039i	0.0625+0.0841i	1.0102-0.2481i	1.8210-1.7707i
9.3	7.3104-7.5868i	8.7230-8.2085i	0.6076-0.5020i	1.7032-2.6031i	0.5125+0.4314i	0.0992+0.0972i	0.8988-0.4815i	1.4376-2.7060i
9.4	4.3144-9.3943i	5.5126-10.1860i	0.3648-0.7535i	0.6182-3.2732i	0.6715+0.4986i	0.1554+0.0828i	0.6413-0.6612i	0.3693-3.3668i
9.5	1.1222-7.2849i	2.1012-7.9702i	0.1972-0.4330i	-0.5779-2.5817i	0.8131+0.3816i	0.1804+0.0152i	0.3382-0.5384i	-0.8367-2.6952i
9.6	0.3714-4.9269i	1.2563-5.3170i	0.0595-0.3783i	-0.9613-1.7627i	0.8434+0.2663i	0.1645-0.0326i	0.2262-0.3663i	-1.2107-1.8417i
9.7	0.7825-3.5251i	1.6652-3.7769i	0.1697-0.4564i	-0.9608-1.2470i	0.8235+0.1992i	0.1390-0.0615i	0.2030-0.2570i	-1.1951-1.2840i
9.8	1.3244-2.6899i	2.2561-2.8853i	0.1827-0.2985i	-0.8429-0.9264i	0.7986+0.1589i	0.1168-0.0752i	0.2087-0.1844i	-1.0636-0.9473i
9.9	1.8368-1.9196i	2.9112-2.0080i	0.2309-0.0820i	-0.6837-0.6239i	0.7717+0.1226i	0.0899-0.0862i	0.2274-0.1204i	-0.8855-0.6462i
10.0	2.3076-1.4550i	3.4910-1.4778i	0.1841-0.1361i	-0.5631-0.4659i	0.7543+0.1018i	0.0689-0.0880i	0.2489-0.0918i	-0.7488-0.4990i
10.1	2.9159-1.2138i	4.1519-1.2247i	0.3381-0.2846i	-0.4329-0.3875i	0.7398+0.0877i	0.0509-0.0756i	0.2678-0.0796i	-0.6176-0.4012i
10.2	3.2465-0.9947i	4.6387-1.0108i	0.3292-0.1803i	-0.3175-0.3516i	0.7217+0.0841i	0.0381-0.0687i	0.2833-0.0857i	-0.5072-0.3261i
10.3	3.5746-0.8113i	5.0367-0.8985i	0.3522-0.1513i	-0.2668-0.3478i	0.7118+0.0849i	0.0313-0.0626i	0.2794-0.1039i	-0.4321-0.2986i
10.4	3.9069-0.6231i	5.4120-0.7147i	0.4361-0.2217i	-0.2539-0.3250i	0.7023+0.0795i	0.0209-0.0597i	0.2456-0.1148i	-0.3682-0.2617i
10.5	4.0871-0.5007i	5.6809-0.5937i	0.4699-0.2773i	-0.2408-0.2945i	0.7008+0.0755i	0.0129-0.0534i	0.2197-0.1093i	-0.3292-0.2233i
10.6	4.4676-0.4932i	6.1017-0.6201i	0.4661-0.3217i	-0.2441-0.2504i	0.6934+0.0671i	0.0066-0.0482i	0.2002-0.0894i	-0.2909-0.1947i
10.7	4.9224-0.2690i	6.5425-0.4344i	0.5360-0.3404i	-0.2097-0.2013i	0.6870+0.0592i	0.0007-0.0439i	0.1895-0.0630i	-0.2443-0.1651i
10.8	4.9631-0.1456i	6.6972-0.3721i	0.4820-0.2317i	-0.1828-0.1711i	0.6769+0.0570i	-0.0024-0.0369i	0.1934-0.0467i	-0.2088-0.1433i
10.9	5.2155+0.0171i	6.9891-0.2391i	0.4655-0.3042i	-0.1300-0.1326i	0.6690+0.0548i	-0.0069-0.0254i	0.1956-0.0343i	-0.1625-0.1160i
11.0	5.6538-0.0627i	7.3986-0.2813i	0.3770-0.4850i	-0.0910-0.1183i	0.6609+0.0554i	-0.0118-0.0182i	0.2007-0.0298i	-0.1318-0.1041i
11.1	5.9774+0.1366i	7.7741-0.1425i	0.4272-0.3416i	-0.0588-0.1203i	0.6533+0.0607i	-0.0127-0.0076i	0.2000-0.0306i	-0.0990-0.0845i
11.2	6.3110+0.1575i	8.0742-0.0978i	0.4335-0.3912i	-0.0393-0.1143i	0.6498+0.0587i	-0.0063-0.0044i	0.1981-0.0266i	-0.0736-0.0782i
11.3	6.8574+0.2478i	8.5551-0.0507i	0.5756-0.4080i	-0.0286-0.1052i	0.6457+0.0539i	0.0011+0.0048i	0.1923-0.0240i	-0.0435-0.0653i
11.4	7.1671+0.0862i	8.8994-0.1670i	0.3624-0.4852i	-0.0048-0.0890i	0.6398+0.0564i	0.0014+0.0089i	0.1918-0.0214i	-0.0202-0.0534i
11.5	7.1745+0.1405i	8.9965-0.0906i	0.1351-0.4686i	0.0129-0.0747i	0.6370+0.0545i	0.0038+0.0093i	0.1938-0.0179i	0.0015-0.0523i
11.6	7.5730+0.2559i	9.4253-0.0117i	0.2484-0.4355i	0.0340-0.0850i	0.6302+0.0560i	0.0054+0.0119i	0.1940-0.0134i	0.0226-0.0445i
11.7	8.0117+0.1600i	9.8305-0.1013i	0.2857-0.4280i	0.0661-0.0851i	0.6285+0.0556i	0.0074+0.0125i	0.1944-0.0137i	0.0404-0.0415i
11.8	8.3450+0.1063i	10.1648-0.1244i	0.2172-0.4985i	0.0746-0.0748i	0.6260+0.0544i	0.0099+0.0113i	0.1948-0.0141i	0.0632-0.0398i
11.9	8.5902+0.1512i	10.4820-0.0583i	0.1542-0.4142i	0.1120-0.0773i	0.6218+0.0559i	0.0124+0.0119i	0.1942-0.0165i	0.0843-0.0321i

12.0	8.7568+0.2121i	10.7429+0.0179i	0.1969-0.1384i	0.1326-0.0872i	0.6192+0.0604i	0.0148+0.0115i	0.1951-0.0215i	0.0986-0.0258i
12.1	9.2718+0.1090i	11.2328-0.0436i	0.5384-0.1697i	0.1663-0.0981i	0.6115+0.0624i	0.0123+0.0092i	0.1975-0.0268i	0.1131-0.0252i
12.2	9.3759+0.0519i	11.4440-0.1048i	0.5048-0.1287i	0.1699-0.1028i	0.6065+0.0642i	0.0124+0.0114i	0.1967-0.0346i	0.1281-0.0204i
12.3	9.6072+0.0150i	11.7545-0.1565i	0.4401+0.0821i	0.1810-0.1051i	0.6024+0.0620i	0.0111+0.0097i	0.1990-0.0431i	0.1404-0.0205i
12.4	9.9839+0.0037i	12.1452-0.1770i	0.6139+0.1236i	0.1946-0.1249i	0.6016+0.0636i	0.0113+0.0089i	0.1931-0.0522i	0.1555-0.0254i
12.5	10.3067-0.0756i	12.4964-0.1459i	0.5188-0.2062i	0.1844-0.1484i	0.5978+0.0695i	0.0119+0.0140i	0.1824-0.0642i	0.1665-0.0237i
12.6	10.5725-0.1242i	12.7931-0.2503i	0.4332-0.1581i	0.1799-0.1432i	0.5936+0.0691i	0.0100+0.0150i	0.1653-0.0704i	0.1745-0.0242i
12.7	10.5755-0.1901i	12.9779-0.3017i	0.3174-0.0247i	0.1619-0.1475i	0.5907+0.0697i	0.0070+0.0162i	0.1468-0.0733i	0.1806-0.0186i
12.8	10.8447-0.1178i	13.2933-0.2161i	0.2727-0.0544i	0.1686-0.1458i	0.5842+0.0701i	0.0060+0.0184i	0.1342-0.0729i	0.1881-0.0134i
12.9	11.1932-0.1332i	13.6587-0.2488i	0.4380+0.0563i	0.1915-0.1218i	0.5756+0.0736i	0.0051+0.0222i	0.1327-0.0626i	0.1984-0.0032i
13.0	11.2362-0.0245i	13.7928-0.1280i	0.3249-0.0201i	0.2001-0.1160i	0.5679+0.0847i	0.0082+0.0288i	0.1249-0.0659i	0.2093+0.0069i
13.1	11.6049-0.1164i	14.2116-0.1997i	0.4624-0.1271i	0.2008-0.1065i	0.5661+0.0942i	0.0175+0.0310i	0.1122-0.0587i	0.2347+0.0118i
13.2	12.0304-0.0222i	14.6834-0.1601i	0.6110+0.0332i	0.1938-0.1196i	0.5628+0.1015i	0.0192+0.0306i	0.1089-0.0661i	0.2450+0.0103i
13.3	12.3217-0.0099i	15.0177-0.1973i	0.5731+0.0713i	0.1931-0.1562i	0.5616+0.1122i	0.0224+0.0314i	0.0961-0.0723i	0.2605+0.0047i
13.4	12.6692-0.0239i	15.3663-0.2402i	0.6940-0.0545i	0.2036-0.1463i	0.5623+0.1249i	0.0254+0.0333i	0.0837-0.0731i	0.2697+0.0076i
13.5	12.8143-0.0542i	15.6099-0.2270i	0.6080+0.0170i	0.2000-0.1200i	0.5661+0.1289i	0.0289+0.0317i	0.0758-0.0666i	0.2798+0.0078i
13.6	13.1898-0.0201i	16.0763-0.2528i	0.6630+0.0611i	0.2099-0.1016i	0.5757+0.1380i	0.0363+0.0306i	0.0650-0.0489i	0.2869+0.0138i
13.7	13.5749-0.3250i	16.4676-0.4950i	0.8053-0.2459i	0.2257-0.1041i	0.5858+0.1408i	0.0402+0.0256i	0.0643-0.0393i	0.2989+0.0187i
13.8	14.0126-0.2126i	16.8797-0.3626i	0.8465-0.2517i	0.2182-0.0916i	0.5887+0.1412i	0.0397+0.0204i	0.0577-0.0405i	0.3122+0.0185i
13.9	14.3889-0.1645i	17.2635-0.3007i	0.8304-0.2137i	0.2221-0.0872i	0.5856+0.1372i	0.0403+0.0172i	0.0526-0.0431i	0.3215+0.0165i
14.0	14.7019-0.3157i	17.6280-0.3351i	1.0325-0.3602i	0.2603-0.0831i	0.5848+0.1402i	0.0403+0.0148i	0.0553-0.0416i	0.3372+0.0186i
14.1	14.9097-0.3506i	18.0358-0.3784i	0.9061-0.3717i	0.2709-0.0806i	0.5864+0.1544i	0.0429+0.0113i	0.0541-0.0357i	0.3524+0.0277i
14.2	15.1630-0.3904i	18.4153-0.5085i	0.8313-0.3386i	0.2693-0.0868i	0.5929+0.1718i	0.0373+0.0068i	0.0459-0.0390i	0.3696+0.0347i
14.3	15.6889-0.2056i	19.0245-0.3401i	0.8142-0.2561i	0.2732-0.1248i	0.6069+0.1703i	0.0300-0.0028i	0.0349-0.0541i	0.3906+0.0215i
14.4	15.8255-0.1498i	19.2324-0.3251i	0.7696-0.1258i	0.2798-0.1159i	0.6177+0.1597i	0.0249+0.0005i	0.0280-0.0521i	0.4004+0.0091i
14.5	16.2325-0.1415i	19.6446-0.3422i	0.9171-0.0884i	0.3044-0.0964i	0.6219+0.1450i	0.0266+0.0021i	0.0336-0.0459i	0.4138+0.0027i
14.6	16.8332-0.1876i	20.2759-0.3251i	1.0822-0.3715i	0.3432-0.1220i	0.6210+0.1364i	0.0276+0.0040i	0.0336-0.0479i	0.4255-0.0091i
14.7	16.9966-0.3507i	20.6039-0.5113i	0.7468-0.5285i	0.3449-0.1511i	0.6121+0.1354i	0.0244+0.0039i	0.0302-0.0665i	0.4298-0.0228i
14.8	17.3556-0.5447i	21.0467-0.6612i	0.8563-0.4634i	0.3359-0.1728i	0.6132+0.1328i	0.0201+0.0000i	0.0105-0.0841i	0.4354-0.0361i
14.9	17.8583-0.7003i	21.5227-0.7795i	0.7529-0.5729i	0.3096-0.1765i	0.6091+0.1331i	0.0148+0.0012i	-0.0194-0.0795i	0.4252-0.0393i
15.0	18.2125-0.5139i	21.9798-0.6310i	0.6139-0.3310i	0.2822-0.1444i	0.6023+0.1336i	0.0123+0.0053i	-0.0493-0.0575i	0.4196-0.0346i
15.1	18.6110-0.4057i	22.4565-0.5216i	0.4057-0.2114i	0.2643-0.1123i	0.5943+0.1322i	0.0094+0.0079i	-0.0683-0.0296i	0.4245-0.0241i
15.2	19.0350-0.3765i	22.9459-0.5420i	0.3755-0.0721i	0.2773-0.0884i	0.5847+0.1282i	0.0094+0.0079i	-0.0717-0.0111i	0.4273-0.0211i
15.3	19.4709-0.7014i	23.4487-0.8582i	0.6341-0.1064i	0.3050-0.0767i	0.5769+0.1260i	0.0077+0.0093i	-0.0640+0.0104i	0.4305-0.0252i
15.4	19.8724-0.6336i	23.9413-0.7124i	0.8231-0.0969i	0.3352-0.0511i	0.5649+0.1326i	0.0021+0.0101i	-0.0588+0.0280i	0.4367-0.0185i
15.5	20.4121-0.5318i	24.6023-0.6988i	0.8827+0.1305i	0.3583-0.0557i	0.5582+0.1365i	0.0033+0.0051i	-0.0500+0.0329i	0.4481-0.0150i
15.6	20.8426-0.7252i	25.1184-0.9065i	0.6866+0.1165i	0.3825-0.0678i	0.5485+0.1363i	-0.0010+0.0006i	-0.0356+0.0439i	0.4578-0.0213i
15.7	21.3696-0.6741i	25.6831-0.7241i	0.7634+0.0376i	0.4315-0.0521i	0.5387+0.1449i	-0.0027+0.0001i	-0.0236+0.0485i	0.4700-0.0167i
15.8	21.8870-0.8850i	26.3104-0.9815i	0.8321+0.0949i	0.4527-0.0564i	0.5281+0.1510i	-0.0055-0.0024i	-0.0171+0.0431i	0.4834-0.0128i
15.9	22.2991-1.0006i	26.8718-1.1117i	0.8578-0.0372i	0.4760-0.0727i	0.5141+0.1655i	-0.0196-0.0004i	0.0059+0.0323i	0.4878-0.0171i
16.0	22.7529-0.9676i	27.4270-1.0843i	0.8756+0.0895i	0.5163-0.1076i	0.5007+0.1832i	-0.0314+0.0089i	0.0190+0.0142i	0.4926-0.0213i
16.1	23.4102-1.2751i	28.1254-1.4441i	0.9427+0.1123i	0.5178-0.1411i	0.4996+0.1958i	-0.0385+0.0148i	0.0118-0.0039i	0.4948-0.0232i
16.2	23.9664-1.1873i	28.8165-1.3694i	0.8568+0.0418i	0.5353-0.1454i	0.5004+0.2038i	-0.0432+0.0220i	0.0066-0.0082i	0.4964-0.0169i
16.3	24.3691-1.1714i	29.3024-1.2854i	0.9947-0.0744i	0.5612-0.1374i	0.4905+0.2111i	-0.0463+0.0343i	0.0096-0.0113i	0.5072-0.0094i
16.4	25.0348-1.4619i	29.9905-1.6339i	0.9775+0.1934i	0.5724-0.1448i	0.4697+0.2236i	-0.0499+0.0486i	0.0205-0.0153i	0.5235-0.0139i
16.5	25.7580-1.5662i	30.7668-1.6760i	1.1409+0.2533i	0.5953-0.1804i	0.4552+0.2425i	-0.0462+0.0628i	0.0335-0.0398i	0.5282-0.0257i
16.6	26.0414-1.5183i	31.2188-1.6859i	1.3828+0.3898i	0.5965-0.2200i	0.4453+0.2696i	-0.0294+0.0721i	0.0262-0.0751i	0.5204-0.0258i
16.7	26.5481-1.3414i	31.8901-1.5876i	1.6897+0.3041i	0.5894-0.2542i	0.4358+0.3009i	-0.0168+0.0715i	0.0013-0.0887i	0.5147-0.0190i
16.8	27.5333-1.6177i	32.9404-1.9110i	1.5614-0.0260i	0.6057-0.2554i	0.4420+0.3292i	-0.0238+0.0695i	-0.0140-0.0754i	0.5180-0.0104i
16.9	27.8345-1.6677i	33.3591-1.9111i	1.3363+0.1013i	0.6389-0.2300i	0.4416+0.3477i	-0.0283+0.0873i	-0.0107-0.0680i	0.5209-0.0062i
17.0	28.4597-1.8535i	34.0992-2.0845i	1.6240+0.2699i	0.7045-0.2747i	0.4370+0.3867i	-0.0190+0.0986i	-0.0024-0.0902i	0.5395+0.0118i
17.1	28.9505-2.2542i	34.6837-2.4938i	1.9430+0.1443i	0.7008-0.3420i	0.4443+0.4394i	0.0008+0.0962i	-0.0111-0.1246i	0.5433+0.0237i
17.2	29.6866-2.6390i	35.5450-2.9113i	1.8121-0.1500i	0.6813-0.3299i	0.4595+0.4768i	0.0068+0.0813i	-0.0194-0.1398i	0.5488+0.0556i
17.3	30.1419-2.8737i	36.0809-3.0635i	1.4606-0.2716i	0.7091-0.3641i	0.4658+0.5053i	-0.0019+0.0807i	-0.0165-0.1593i	0.5683+0.0806i
17.4	30.8243-3.0253i	36.8468-3.3508i	1.3646+0.0454i	0.6992-0.4409i	0.5008+0.5567i	-0.0027+0.0940i	-0.0353-0.1918i	0.5986+0.0973i
17.5	31.1923-2.9903i	37.4239-3.2790i	1.2118+0.1416i	0.6548-0.4894i	0.5488+0.5821i	0.0097+0.0929i	-0.0633-0.2088i	0.6269+0.1123i
17.6	31.8206-2.9922i	38.1394-3.1997i	1.6416-0.1650i	0.6309-0.5085i	0.6045+0.6021i	0.0163+0.0809i	-0.0940-0.2247i	0.6624+0.1312i
17.7	32.3503-3.4003i	38.6864-3.5571i	1.6193-0.2931i	0.6386-0.5072i	0.6517+0.6117i	0.0201+0.0766i	-0.1086-0.2319i	0.7049+0.1449i
17.8	32.9828-3.7075i	39.5234-3.8006i	1.5552-0.0135i	0.6162-0.5430i	0.7024+0.5873i	0.0196+0.0758i	-0.1252-0.2407i	0.7532+0.1246i
17.9	33.6568-3.6487i	40.3360-3.7657i	1.6922-0.0413i	0.6229-0.5692i	0.7460+0.5734i	0.0203+0.0729i	-0.1429-0.2482i	0.7993+0.1159i
18.0	34.1535-3.5525i	41.0081-3.5719i	1.3552-0.4682i	0.6392-0.5723i	0.7827+0.5670i	0.0131+0.0668i	-0.1595-0.2652i	0.8427+0.1110i
18.1	34.7634-3.3710i	41.7540-3.3869i	1.2686+0.0954i	0.6395-0.5432i	0.7984+0.5307i	0.0043+0.0646i	-0.1880-0.2757i	0.8704+0.0846i
18.2	35.7656-3.3444i	42.9300-3.3317i	1.2650+0.5345i	0.6215-0.5603i	0.7990+0.4973i	-0.0023+0.0688i	-0.2086-0.2762i	0.8843+0.0662i

18.3	36.5445-3.5922i	43.8430-3.4781i	1.4553+0.6263i	0.5841-0.5530i	0.8005+0.4572i	-0.0016+0.0773i	-0.2340-0.2626i	0.9038+0.0418i
18.4	37.2823-3.6604i	44.8613-3.6133i	1.8394+1.0294i	0.6220-0.5090i	0.7884+0.4146i	0.0082+0.0937i	-0.2459-0.2291i	0.9154+0.0217i
18.5	38.0954-3.3457i	45.9628-3.2906i	2.1575+1.2046i	0.6929-0.4577i	0.7515+0.3894i	0.0178+0.1091i	-0.2005-0.1855i	0.9242+0.0266i
18.6	39.6269-3.2373i	47.8773-3.2410i	2.7861+0.6971i	0.9246-0.4875i	0.7091+0.3956i	0.0485+0.0857i	-0.0652-0.2396i	0.9911+0.0290i
18.7	40.7776-3.6448i	49.3533-3.7900i	2.8197+0.0061i	1.0004-0.6543i	0.6872+0.4149i	0.0266+0.0470i	-0.0600-0.4117i	1.0390-0.0387i
18.8	41.5727-4.3454i	50.3456-4.6800i	2.6884-0.0124i	0.9411-0.8163i	0.6688+0.4368i	0.0005+0.0448i	-0.1392-0.5061i	1.0353-0.0926i
18.9	42.6234-5.1133i	51.6504-5.5044i	2.3363+0.3458i	0.8833-0.9129i	0.6570+0.4355i	-0.0129+0.0613i	-0.2161-0.5579i	1.0366-0.1438i
19.0	43.8063-5.0132i	53.0130-5.5107i	2.9792+0.3635i	0.8824-0.9942i	0.6309+0.4351i	-0.0217+0.0711i	-0.2570-0.6044i	1.0336-0.1775i
19.1	44.6358-5.4541i	54.0827-6.1369i	2.8577+0.2525i	0.8191-1.1024i	0.6007+0.4583i	-0.0355+0.0857i	-0.3130-0.6538i	1.0123-0.2063i
19.2	45.5906-6.1219i	55.1948-6.9511i	2.4068+0.4259i	0.7357-1.2035i	0.5810+0.4786i	-0.0475+0.1076i	-0.3898-0.7104i	0.9938-0.2379i
19.3	46.7829-6.4512i	56.4667-7.3750i	2.5924+0.4545i	0.6691-1.2821i	0.5603+0.4997i	-0.0578+0.1228i	-0.4758-0.7615i	0.9753-0.2591i
19.4	47.6207-7.2009i	57.5122-8.1815i	2.5484+0.2280i	0.5584-1.3618i	0.5368+0.5051i	-0.0605+0.1566i	-0.5900-0.7943i	0.9377-0.2893i
19.5	48.2910-7.5762i	58.3942-8.5210i	2.3881+0.4536i	0.4032-1.3553i	0.4928+0.5255i	-0.0521+0.1978i	-0.7006-0.7940i	0.8875-0.2869i
19.6	49.3400-8.0422i	59.6043-8.9731i	2.4661+0.8884i	0.3085-1.3600i	0.4333+0.5542i	-0.0400+0.2376i	-0.7994-0.7898i	0.8424-0.2738i
19.7	50.3541-7.9658i	60.9934-9.1194i	2.9453+1.7523i	0.2382-1.4009i	0.3995+0.6254i	-0.0094+0.2669i	-0.8963-0.7939i	0.8168-0.2469i
19.8	51.6140-8.0591i	62.3659-9.2323i	3.2549+1.8610i	0.1097-1.4093i	0.3805+0.6785i	0.0496+0.2789i	-0.9990-0.7944i	0.7893-0.2151i
19.9	52.9311-8.9024i	63.8590-10.2062i	3.9767+1.6584i	0.0162-1.3434i	0.3517+0.7488i	0.0911+0.2686i	-1.0979-0.7414i	0.7771-0.1657i
20.0	54.2150-9.0370i	65.4030-10.5228i	4.7107+1.6980i	-0.0664-1.2796i	0.2865+0.8137i	0.1260+0.2510i	-1.1960-0.6849i	0.7546-0.1134i
20.1	55.4948-9.3196i	66.9984-10.8865i	4.7537+1.2487i	-0.1272-1.2203i	0.2143+0.9173i	0.1449+0.2087i	-1.2650-0.6357i	0.7383-0.0504i
20.2	57.4122-10.0004i	69.1419-11.6219i	4.9594+0.8195i	-0.1621-1.1583i	0.1638+1.0544i	0.1308+0.1681i	-1.3315-0.5946i	0.7389+0.0174i
20.3	59.3978-11.1329i	71.3554-12.8317i	5.2499+0.4958i	-0.1482-1.1062i	0.1126+1.2338i	0.1203+0.1361i	-1.3898-0.5386i	0.7475+0.1004i
20.4	61.2273-11.9643i	73.5547-13.7512i	5.1673+0.1771i	-0.0967-1.0876i	0.0450+1.3913i	0.1247+0.1365i	-1.4356-0.5027i	0.7514+0.1591i
20.5	63.1521-13.1785i	75.7014-15.2306i	5.4919+0.1587i	-0.0990-1.0718i	0.0344+1.6098i	0.1139+0.1329i	-1.4934-0.4600i	0.7724+0.2424i
20.6	64.7515-15.1988i	77.6034-17.4079i	5.1808-0.3133i	-0.1068-1.0845i	0.0658+1.9055i	0.0947+0.1331i	-1.5378-0.4116i	0.8093+0.3547i
20.7	64.9388-17.6132i	78.0268-20.2686i	4.8414-0.3744i	-0.1011-1.1644i	0.2524+2.2282i	0.0865+0.1568i	-1.5810-0.3719i	0.8984+0.4675i
20.8	65.5194-18.8698i	78.8451-21.9598i	4.9689+0.0598i	-0.1651-1.1649i	0.4525+2.4214i	0.1283+0.2051i	-1.6300-0.3347i	1.0062+0.5363i
20.9	65.3656-20.7429i	78.8844-23.9223i	5.5798+0.5995i	-0.2448-1.1369i	0.7966+2.6813i	0.1787+0.1959i	-1.6858-0.2932i	1.1777+0.6464i
21.0	65.5556-22.0913i	79.1488-25.2274i	5.9718+0.4435i	-0.2613-1.1486i	1.0428+2.8527i	0.1895+0.1546i	-1.7250-0.2737i	1.2958+0.7046i
21.1	65.2576-22.7969i	78.7706-26.2553i	6.3706-0.1576i	-0.3514-1.0511i	1.5586+2.9585i	0.1833+0.0994i	-1.7550-0.2190i	1.5189+0.7498i
21.2	65.1742-23.0789i	78.8023-26.7528i	6.0058-0.4736i	-0.4101-1.0399i	1.9947+2.9512i	0.1251+0.0794i	-1.7976-0.1861i	1.6990+0.7476i
21.3	65.9248-22.2169i	79.6487-25.9788i	6.2709-0.4471i	-0.4603-0.9944i	2.3490+2.8052i	0.1080+0.0751i	-1.8303-0.1745i	1.8813+0.6931i
21.4	65.8281-22.1862i	79.7187-25.7146i	6.4190-0.6937i	-0.5438-0.9651i	2.6559+2.6073i	0.0955+0.0814i	-1.9078-0.1604i	2.0206+0.6261i
21.5	66.5494-21.4787i	80.6298-24.8619i	6.2214-0.5085i	-0.6060-0.9115i	2.8441+2.3866i	0.1029+0.0661i	-1.9634-0.1467i	2.1306+0.5469i
21.6	67.5145-21.0970i	81.6693-24.5491i	6.4875-0.0862i	-0.6233-0.8666i	3.0499+2.0852i	0.1012+0.1032i	-1.9836-0.1281i	2.2691+0.4279i
21.7	69.7241-20.8798i	84.2185-24.3840i	7.0129-0.2152i	-0.6593-0.8111i	3.1754+1.8690i	0.1051+0.1169i	-2.0657-0.1153i	2.3625+0.3290i
21.8	72.2765-20.6356i	87.3458-23.9613i	7.1355-0.4899i	-0.6858-0.7457i	3.2753+1.6055i	0.1061+0.1169i	-2.1468-0.0946i	2.4703+0.2238i
21.9	74.5698-20.7458i	90.1173-24.0269i	7.4184-0.5192i	-0.7683-0.6625i	3.3031+1.5065i	0.1033+0.1326i	-2.2515-0.0627i	2.5160+0.1820i
22.0	77.5689-19.4792i	93.6644-22.7529i	8.3247-0.5120i	-0.7671-0.5872i	3.3139+1.2491i	0.1057+0.1344i	-2.3542-0.0461i	2.5902+0.0671i
22.1	79.3828-20.8636i	95.9152-24.2370i	8.3805-1.0002i	-0.7405-0.5615i	3.3177+1.1576i	0.1184+0.1254i	-2.4090+0.0144i	2.6334+0.0092i
22.2	83.7569-21.4076i	100.8347-24.9756i	9.0211-1.3729i	-0.7572-0.4920i	3.2706+0.9398i	0.1115+0.1274i	-2.5517+0.0245i	2.6989-0.1032i
22.3	86.4939-21.2959i	104.2231-24.7798i	9.0444-1.6284i	-0.8041-0.4066i	3.2800+0.8231i	0.1286+0.1251i	-2.6652+0.0624i	2.7624-0.1627i
22.4	89.5403-21.6559i	107.6736-25.3431i	9.5458-1.7492i	-0.8820-0.3100i	3.3074+0.7429i	0.1398+0.1144i	-2.7710+0.1334i	2.8253-0.1861i
22.5	93.3045-22.4056i	112.1643-26.3509i	10.0506-2.1921i	-0.8479-0.2039i	3.3070+0.6740i	0.1419+0.0954i	-2.8854+0.2213i	2.9101-0.2183i
22.6	96.8027-23.1485i	116.3459-27.3597i	9.9054-2.9103i	-0.8333-0.0422i	3.2956+0.5983i	0.1382+0.0777i	-3.0066+0.3232i	2.9871-0.2456i
22.7	100.3098-24.1864i	120.5758-28.5122i	10.0107-3.8149i	-0.7536+0.0138i	3.3149+0.5197i	0.1335+0.0815i	-3.0796+0.4075i	3.0806-0.2836i
22.8	105.1594-25.6579i	126.1602-30.1611i	10.2670-4.3617i	-0.6916+0.0568i	3.3419+0.4171i	0.1269+0.0659i	-3.1729+0.4749i	3.2176-0.3457i
22.9	109.7040-29.6897i	131.2857-34.8376i	10.0580-5.1583i	-0.5739+0.0858i	3.3248+0.3376i	0.1017+0.0551i	-3.2479+0.5961i	3.3335-0.4552i
23.0	114.0422-31.5210i	136.4902-37.2670i	10.0724-5.1550i	-0.5341+0.1599i	3.3060+0.2617i	0.1178+0.0696i	-3.3616+0.6558i	3.4538-0.5530i
23.1	118.8867-31.7718i	142.3571-37.8310i	10.5379-4.5117i	-0.5190+0.2486i	3.3191+0.1987i	0.1430+0.0520i	-3.5210+0.7063i	3.5635-0.5997i
23.2	124.7849-36.0502i	149.0490-42.6546i	10.4276-5.3121i	-0.4244+0.2883i	3.2727+0.1390i	0.1117+0.0143i	-3.6558+0.8477i	3.6936-0.6888i
23.3	129.5515-39.5080i	154.4692-46.6600i	10.7905-5.7096i	-0.3706+0.2769i	3.3028+0.0498i	0.0802+0.0176i	-3.7431+0.9330i	3.8530-0.8054i
23.4	135.0999-42.7021i	161.0882-50.2484i	11.2325-5.2668i	-0.2774+0.3338i	3.3297+0.0419i	0.0805+0.0104i	-3.8644+1.0305i	4.0257-0.8920i
23.5	140.9454-47.3425i	168.1691-56.1089i	11.2686-5.4223i	-0.1802+0.3435i	3.3707-0.0048i	0.0824+0.0280i	-4.0154+1.1760i	4.2229-1.0435i
23.6	146.7519-52.8558i	175.0770-62.8613i	11.3344-6.2684i	-0.0314+0.2331i	3.4306-0.1611i	0.0700-0.0071i	-4.1768+1.3068i	4.4257-1.2631i
23.7	153.2385-58.0477i	182.6346-68.3859i	11.7381-6.8561i	0.0252+0.2809i	3.4108-0.1763i	0.0046-0.0019i	-4.3720+1.4294i	4.6171-1.4209i
23.8	158.7673-65.2858i	189.2314-77.2031i	12.5727-7.1729i	0.1172+0.2101i	3.3884-0.2454i	-0.0056+0.0076i	-4.5496+1.6288i	4.7754-1.6906i
23.9	163.8022-72.8923i	195.3200-86.3536i	13.5966-6.9688i	0.1285+0.1583i	3.4153-0.3370i	-0.0762-0.0163i	-4.7226+1.8326i	4.9572-1.9733i
24.0	172.1647-82.5526i	204.5211-97.6181i	14.7157-9.8414i	0.1967+0.1346i	3.4195-0.4395i	-0.1956+0.1255i	-4.9873+2.0752i	5.1797-2.3065i
24.1	178.0770-91.6330i	211.2335-108.0880i	15.1700-10.8079i	0.1927+0.0277i	3.4585-0.4734i	-0.2101+0.1930i	-5.2129+2.2819i	5.3517-2.5938i
24.2	180.8102-102.8929i	214.6605-121.2336i	15.0145-11.3596i	0.1843+0.0204i	3.4825-0.5241i	-0.1389+0.1953i	-5.3826+2.5996i	5.4571-2.9969i
24.3	183.8880-116.7408i	218.3065-137.1867i	15.2001-12.3787i	0.2192+0.0067i	3.5706-0.5734i	-0.1322+0.2579i	-5.5214+3.0140i	5.5313-3.4347i
24.4	188.4314-130.4309i	224.1318-153.5419i	15.3427-13.8181i	0.3141+0.0661i	3.5722-0.6986i	-0.0909+0.3732i	-5.7465+3.5035i	5.5818-3.9992i
24.5	188.6657-148.2756i	223.6671-174.4266i	15.6222-16.8057i	0.3710-0.0839i	3.5883-0.7982i	-0.0718+0.4038i	-5.7755+4.0772i	5.4821-4.6016i

24.6	190.9309-163.5281i	226.0810-191.9700i	15.5695-18.5597i	0.2671-0.0963i	3.6442-0.8682i	-0.0599+0.4825i	-5.8906+4.5449i	5.4353-5.0706i
24.7	194.5212-180.1917i	230.7926-211.5953i	15.0581-20.5627i	0.3453-0.2315i	3.7781-0.9977i	-0.0241+0.5409i	-6.0959+5.1048i	5.4107-5.6939i
24.8	189.8042-199.4186i	224.9579-234.4986i	13.6205-23.1484i	0.4182-0.2758i	3.8416-1.1565i	0.0791+0.5825i	-5.9868+5.7443i	5.1674-6.2887i
24.9	183.1803-212.0920i	217.0503-249.3332i	12.3823-25.0305i	0.4759-0.3829i	3.8312-1.2475i	0.1601+0.5960i	-5.8367+6.1684i	4.8857-6.6554i
25.0	172.0714-229.7871i	204.0817-269.7431i	9.5464-26.5699i	0.2314-0.5518i	3.8410-1.3930i	0.2384+0.6154i	-5.5967+6.7698i	4.3457-7.1604i
25.1	161.5122-251.3684i	191.5215-294.8560i	6.6387-27.6377i	0.0620-0.6215i	3.8568-1.6325i	0.3282+0.6202i	-5.3662+7.5288i	3.8202-7.7773i
25.2	147.2327-270.5150i	174.1319-317.0998i	3.1120-28.6487i	-0.2014-0.7312i	3.8050-1.8728i	0.4256+0.6016i	-5.0151+8.2645i	3.1344-8.2041i
25.3	135.4430-277.3555i	160.8915-325.5102i	0.3428-27.6387i	-0.4078-0.6621i	3.7976-2.0189i	0.4777+0.5414i	-4.7281+8.6355i	2.6548-8.3131i
25.4	118.0430-287.0983i	140.6506-336.6757i	-3.1421-25.9570i	-0.5137-0.4162i	3.7702-2.2832i	0.5376+0.4725i	-4.2395+9.1991i	2.0178-8.3514i
25.5	108.4281-297.1092i	129.3799-348.1708i	-4.7219-24.4008i	-0.5599-0.2528i	3.7276-2.5329i	0.5741+0.4292i	-3.8971+9.7068i	1.6625-8.4718i
25.6	90.9872-312.7327i	108.4631-366.3870i	-5.0052-22.2499i	-0.6416-0.1166i	3.5515-2.8684i	0.6089+0.3354i	-3.2489+10.3610i	1.1342-8.6544i
25.7	71.8191-325.6939i	85.9083-381.1269i	-4.8548-20.0641i	-0.6585-0.0289i	3.3343-3.0848i	0.6260+0.2182i	-2.5069+10.9236i	0.5743-8.7982i
25.8	50.5430-335.3280i	60.9779-391.9392i	-3.8064-20.2244i	-0.6318+0.2082i	3.1223-3.2207i	0.6033+0.1780i	-1.7700+11.4254i	-0.0074-8.9462i
25.9	26.3530-330.8032i	33.4718-386.3958i	-3.5316-21.8445i	-0.6512+0.6609i	2.8559-3.3128i	0.5042+0.1714i	-0.8168+11.5133i	-0.6209-8.6406i
26.0	10.1200-333.7844i	14.4859-389.7961i	-3.3141-22.2275i	-0.5342+0.9136i	2.6698-3.4964i	0.4619+0.1571i	-0.0491+11.7934i	-1.0100-8.5271i
26.1	-16.1351-333.2191i	-16.4226-389.2980i	-3.4477-22.7527i	-0.2848+0.9143i	2.2977-3.5832i	0.4596+0.2087i	1.1432+11.7912i	-1.5976-8.3575i
26.2	-36.5098-331.7767i	-39.6671-387.0394i	-5.4826-24.0688i	-0.0800+0.8431i	2.0594-3.6268i	0.4747+0.2484i	1.9970+11.6779i	-2.0541-8.2244i
26.3	-55.1067-328.0603i	-61.2717-381.7533i	-7.7461-24.1981i	-0.0076+0.7729i	1.7896-3.7045i	0.5069+0.2233i	2.7485+11.3940i	-2.4530-7.9807i
26.4	-71.5322-314.2627i	-80.8449-365.7790i	-8.7142-23.5557i	0.1752+0.8422i	1.4975-3.6129i	0.5210+0.1652i	3.4161+10.8523i	-2.7459-7.5834i
26.5	-90.4332-305.2420i	-102.5340-355.8284i	-9.7810-22.5618i	0.2638+0.7908i	1.1750-3.5718i	0.5315+0.0990i	4.1293+10.4342i	-3.1249-7.2879i
26.6	-106.0729-301.0401i	-120.4265-350.3426i	-10.9636-21.4269i	0.2449+0.7076i	0.9502-3.5521i	0.5470+0.0853i	4.6589+10.1880i	-3.4208-7.0897i
26.7	-115.8605-289.5400i	-132.4715-336.8037i	-12.2677-20.7543i	0.3678+0.8360i	0.7323-3.4041i	0.5632+0.0935i	5.0444+9.8635i	-3.5900-6.7990i
26.8	-125.7058-276.1308i	-143.6328-321.1626i	-12.0367-20.3463i	0.4282+0.9700i	0.5289-3.2125i	0.5132+0.0570i	5.4058+9.4959i	-3.7056-6.5062i
26.9	-137.9191-260.6909i	-157.5849-302.9543i	-12.7367-19.9573i	0.6778+1.0482i	0.2766-3.0144i	0.4680+0.0410i	5.9607+9.0290i	-3.8791-6.1519i
27.0	-145.7061-250.8359i	-166.2447-290.8608i	-14.7589-19.3694i	0.9282+0.9602i	0.1584-2.7988i	0.4452+0.0451i	6.3531+8.6319i	-3.9756-5.9419i
27.1	-152.8594-238.6147i	-174.2042-276.1610i	-15.8110-17.6767i	1.1136+0.9283i	0.0379-2.5730i	0.4506+0.0620i	6.7095+8.1423i	-4.0831-5.7093i
27.2	-162.3076-220.4840i	-185.0905-255.1763i	-16.5714-15.8929i	1.3193+0.7708i	-0.0834-2.2629i	0.4596+0.0787i	7.2247+7.4043i	-4.2860-5.4220i
27.3	-168.1603-208.9814i	-191.5915-241.6570i	-16.7774-14.9375i	1.3664+0.6051i	-0.1246-2.0593i	0.4491+0.0976i	7.5253+6.8747i	-4.4339-5.2465i
27.4	-168.7693-195.6307i	-192.2423-225.7529i	-16.7593-14.4952i	1.4678+0.4004i	-0.0734-1.8067i	0.4953+0.1692i	7.5689+6.2461i	-4.5111-4.9835i
27.5	-169.6692-185.4015i	-193.1961-213.8892i	-17.0484-13.8660i	1.4217+0.3292i	-0.0321-1.6448i	0.5068+0.1921i	7.5501+5.8021i	-4.5885-4.7747i
27.6	-170.5410-172.5760i	-193.6119-199.0764i	-17.3602-12.6660i	1.3991+0.3514i	0.0514-1.4415i	0.5475+0.1728i	7.5436+5.3328i	-4.6496-4.5553i
27.7	-171.3307-163.1122i	-193.6173-188.1394i	-17.7146-11.7111i	1.4739+0.2966i	0.1468-1.3019i	0.6051+0.1774i	7.5795+4.9874i	-4.7412-4.3783i
27.8	-171.4200-154.8520i	-193.5288-178.2239i	-17.6162-11.2308i	1.4751+0.1692i	0.2241-1.1940i	0.6088+0.1817i	7.5777+4.6253i	-4.8105-4.1906i
27.9	-169.0543-143.2595i	-190.7311-164.0396i	-17.7907-10.6472i	1.4281+0.0031i	0.3875-1.0524i	0.6456+0.1627i	7.4602+4.0914i	-4.8655-3.8858i
28.0	-166.8308-134.2592i	-187.8758-153.7556i	-17.7856-10.2108i	1.2822-0.0307i	0.5449-1.0011i	0.7018+0.1563i	7.3105+3.8084i	-4.9091-3.6538i
28.1	-164.3218-127.2315i	-184.8369-145.6191i	-17.9538-10.2069i	1.4052+0.1634i	0.6723-1.0188i	0.7673+0.1619i	7.3168+3.7373i	-4.9512-3.4066i
28.2	-161.3055-119.2703i	-180.9963-136.4491i	-18.5699-9.7169i	1.8108+0.1607i	0.7237-1.0394i	0.8022+0.1043i	7.5090+3.4191i	-4.8999-3.1299i
28.3	-159.2824-113.9209i	-178.1568-130.0143i	-19.4111-9.0570i	1.9480-0.1301i	0.7897-1.0107i	0.8280+0.0593i	7.5426+3.0027i	-4.8542-2.9746i
28.4	-155.0974-107.8531i	-172.8743-122.8009i	-19.8703-7.7662i	1.9513-0.3340i	0.8973-0.9929i	0.8637+0.0050i	7.3808+2.6425i	-4.7747-2.8057i
28.5	-151.2934-102.7995i	-168.1819-117.0492i	-20.1651-6.4323i	1.8857-0.4211i	0.9897-1.0347i	0.8720-0.0343i	7.2193+2.3565i	-4.7024-2.6628i
28.6	-147.8778-98.9506i	-163.8807-112.7056i	-20.4788-5.5403i	1.9102-0.5114i	1.0829-1.0933i	0.8863-0.0709i	7.1280+2.1336i	-4.6482-2.5600i
28.7	-145.1136-96.1921i	-160.5202-109.5003i	-20.7511-4.4603i	1.9689-0.7105i	1.1682-1.2224i	0.8976-0.1121i	7.1016+1.8731i	-4.6508-2.4623i
28.8	-142.5270-93.0375i	-157.2671-105.8238i	-20.9824-2.8224i	1.9819-0.9036i	1.2066-1.3499i	0.9364-0.1678i	7.0528+1.6087i	-4.6422-2.3516i
28.9	-140.6568-90.8742i	-154.4122-103.3349i	-20.8971-1.3783i	1.9416-1.0137i	1.1703-1.4442i	0.9675-0.2130i	6.9254+1.4049i	-4.6101-2.2546i
29.0	-138.6725-88.5954i	-151.8499-100.7440i	-20.0515-0.3671i	1.9324-1.1678i	1.0884-1.5239i	0.9764-0.2713i	6.8062+1.1849i	-4.6028-2.1423i
29.1	-137.7329-86.4504i	-150.4244-98.0660i	-19.4288+1.0177i	1.8446-1.3911i	0.9662-1.5975i	0.9544-0.3586i	6.6764+0.9068i	-4.6111-2.0042i
29.2	-137.3155-83.9875i	-149.6430-94.9911i	-18.9785+2.8835i	1.7655-1.5633i	0.8683-1.6064i	0.9779-0.4574i	6.5954+0.6538i	-4.6313-1.8765i
29.3	-135.8568-80.8580i	-147.4449-91.3382i	-17.2751+4.4819i	1.5756-1.6693i	0.7913-1.5438i	0.9119-0.5818i	6.3874+0.4398i	-4.5848-1.7355i
29.4	-135.5900-77.7376i	-146.6040-87.4815i	-15.7655+5.5391i	1.4378-1.7644i	0.7278-1.5002i	0.8376-0.6648i	6.2325+0.2334i	-4.5932-1.5910i
29.5	-135.0376-75.2805i	-145.5811-84.6544i	-14.9627+5.8504i	1.3264-1.8811i	0.6939-1.4686i	0.7819-0.6826i	6.0875+0.0499i	-4.5875-1.4532i
29.6	-133.3474-73.1954i	-143.1703-82.2757i	-13.7031+5.6433i	1.1761-1.9506i	0.6809-1.4036i	0.7129-0.7013i	5.8693-0.0446i	-4.5194-1.3480i
29.7	-131.8696-70.0206i	-140.9818-78.7109i	-11.4991+5.5083i	1.0143-1.9363i	0.6639-1.3474i	0.6113-0.7470i	5.6602-0.1636i	-4.4595-1.2050i
29.8	-131.0049-67.8287i	-139.4457-76.4963i	-10.1433+5.8863i	0.8744-1.9859i	0.6593-1.3287i	0.5682-0.7630i	5.5268-0.2907i	-4.4275-1.0906i
29.9	-130.2779-65.5813i	-137.9179-73.9775i	-9.8714+5.5586i	0.8022-2.0406i	0.6702-1.3122i	0.5380-0.7347i	5.4379-0.3903i	-4.3837-0.9800i
30.0	-128.2011-63.4530i	-135.1058-71.6797i	-9.2005+4.6203i	0.6084-2.0392i	0.6703-1.2783i	0.4914-0.6918i	5.1908-0.4779i	-4.2758-0.8630i
30.1	-127.4631-60.8547i	-133.6507-68.5428i	-8.6861+3.9937i	0.4568-2.0258i	0.6483-1.2363i	0.4487-0.6921i	4.9764-0.5723i	-4.1817-0.7447i
30.2	-126.0865-58.3717i	-131.6166-65.5998i	-8.3454+3.3525i	0.2961-1.9986i	0.6378-1.2093i	0.4312-0.6887i	4.7636-0.6299i	-4.0655-0.6271i
30.3	-124.7047-56.9609i	-129.7257-63.8023i	-8.3249+3.0652i	0.2087-1.9877i	0.6461-1.1891i	0.4219-0.6869i	4.6228-0.6484i	-3.9642-0.5760i
30.4	-123.1418-55.0116i	-127.2657-61.8015i	-7.9601+2.8706i	0.1361-1.9488i	0.6670-1.1736i	0.3828-0.6957i	4.4890-0.6561i	-3.8754-0.5503i
30.5	-121.9608-53.3319i	-125.4101-59.9703i	-7.6736+2.5179i	0.0565-1.9402i	0.6617-1.1606i	0.3531-0.6766i	4.3455-0.7002i	-3.8121-0.5096i
30.6	-121.3382-51.4791i	-124.0418-57.7145i	-7.5258+2.0893i	-0.0699-1.9176i	0.6214-1.1626i	0.3219-0.6657i	4.1555-0.7676i	-3.7433-0.4250i
30.7	-120.3936-50.2318i	-122.1766-56.2679i	-7.5288+1.8727i	-0.2090-1.8753i	0.6071-1.1396i	0.3274-0.6480i	3.9891-0.7535i	-3.6655-0.3909i
30.8	-119.6008-48.5906i	-120.4308-54.5798i	-7.4920+1.7034i	-0.3481-1.7943i	0.5847-1.1140i	0.3312-0.6544i	3.8272-0.7331i	-3.5928-0.3558i

30.9	-118.2990-47.0462i	-118.5715-53.0763i	-7.6655+1.7871i	-0.4649-1.7289i	0.5689-1.0874i	0.3082-0.6737i	3.6765-0.6962i	-3.5185-0.3186i
31.0	-117.4898-45.9742i	-116.9744-51.7384i	-7.8800+2.0000i	-0.5653-1.6846i	0.5572-1.0594i	0.3208-0.6985i	3.5429-0.6590i	-3.4445-0.2837i
31.1	-116.7623-44.3947i	-115.2442-49.9641i	-7.7952+1.9646i	-0.6638-1.5998i	0.5403-1.0139i	0.3074-0.7201i	3.4085-0.6109i	-3.3521-0.2556i
31.2	-116.1205-42.4929i	-113.2463-47.5081i	-7.6647+1.9138i	-0.7803-1.4781i	0.5196-0.9411i	0.2640-0.7192i	3.2464-0.5280i	-3.2475-0.2372i
31.3	-115.1928-41.2126i	-111.5341-46.1737i	-7.7350+2.0079i	-0.8269-1.3276i	0.5301-0.8968i	0.2397-0.7116i	3.1816-0.4300i	-3.1954-0.2459i
31.4	-114.6759-40.0957i	-110.0726-45.1175i	-7.7575+2.2016i	-0.8734-1.2163i	0.5472-0.8496i	0.2174-0.7334i	3.1304-0.3368i	-3.1486-0.2601i
31.5	-113.8115-38.8486i	-108.0429-44.2072i	-7.7314+2.3652i	-0.8814-1.1197i	0.5633-0.8014i	0.2100-0.7253i	3.0861-0.2553i	-3.0854-0.2874i
31.6	-113.1019-37.2663i	-106.0282-42.1859i	-7.7043+2.4695i	-0.9231-0.9874i	0.5820-0.7332i	0.1860-0.7276i	3.0303-0.1603i	-3.0302-0.2870i
31.7	-112.5778-35.9188i	-104.1839-40.7745i	-7.4990+2.4157i	-0.9486-0.9074i	0.5884-0.6958i	0.1368-0.7216i	2.9819-0.1073i	-2.9668-0.2791i
31.8	-112.0346-34.4456i	-101.7230-39.7010i	-7.3331+2.4960i	-0.9665-0.8134i	0.5980-0.6498i	0.0985-0.7210i	2.9434-0.0454i	-2.8887-0.2955i
31.9	-111.4770-33.3261i	-99.8170-38.4919i	-6.9959+2.7514i	-0.9680-0.7362i	0.6281-0.6124i	0.0701-0.7367i	2.9452-0.0033i	-2.8536-0.3057i
32.0	-111.1795-32.2225i	-97.8661-37.2898i	-6.8259+2.7341i	-0.9946-0.6660i	0.6577-0.5674i	0.0499-0.7221i	2.9190+0.0422i	-2.8096-0.3162i
32.1	-111.1832-31.1339i	-96.0995-35.8317i	-6.7136+2.8962i	-1.0237-0.6218i	0.6787-0.5383i	0.0085-0.7124i	2.8900+0.0567i	-2.7588-0.3063i
32.2	-110.5957-29.8198i	-93.3537-35.0257i	-6.6558+2.8080i	-1.0296-0.5157i	0.7067-0.5005i	-0.0042-0.6654i	2.8509+0.1147i	-2.6898-0.3350i
32.3	-110.5619-28.4631i	-91.2088-34.2987i	-6.5522+2.8760i	-1.0645-0.4316i	0.7363-0.4624i	-0.0012-0.6399i	2.8236+0.1646i	-2.6417-0.3662i
32.4	-110.9040-27.4495i	-89.3068-33.7210i	-6.4272+2.9702i	-1.1115-0.3856i	0.7557-0.4454i	-0.0214-0.6350i	2.7949+0.1981i	-2.5931-0.3812i
32.5	-111.7792-26.0379i	-86.5787-32.9162i	-6.0466+3.0780i	-1.2031-0.2870i	0.7772-0.4110i	-0.0589-0.6163i	2.7357+0.2522i	-2.5023-0.4040i
32.6	-112.3202-24.8805i	-83.7536-32.6556i	-5.9776+2.9999i	-1.2863-0.1744i	0.7860-0.3690i	-0.0536-0.5716i	2.6605+0.3221i	-2.4042-0.4594i
32.7	-113.4571-22.7212i	-81.5635-32.1017i	-5.6712+3.0916i	-1.3960-0.0386i	0.7748-0.3257i	-0.0455-0.5362i	2.5812+0.4011i	-2.3127-0.5178i
32.8	-114.5888-20.5243i	-79.2299-31.5840i	-5.3087+3.1112i	-1.4761+0.0916i	0.7749-0.2603i	-0.0501-0.5209i	2.5069+0.4919i	-2.2257-0.5872i
32.9	-116.4689-17.7631i	-76.2058-31.5808i	-5.0756+2.9339i	-1.6209+0.2936i	0.7694-0.1680i	-0.0160-0.5041i	2.4016+0.6622i	-2.1004-0.7274i
33.0	-118.9063-14.0339i	-73.4456-31.5864i	-4.8623+2.8839i	-1.8133+0.5924i	0.7578-0.0698i	-0.0179-0.4803i	2.3017+0.8580i	-1.9717-0.8773i
33.1	-120.8595-9.4180i	-69.9789-32.2970i	-4.6261+2.4866i	-1.9540+0.9596i	0.7642+0.0627i	-0.0086-0.4509i	2.2273+1.1319i	-1.8489-1.0993i
33.2	-123.4670-2.4361i	-65.8316-33.0122i	-4.6264+2.1272i	-2.1175+1.5389i	0.7851+0.2760i	0.0673-0.4335i	2.1704+1.5451i	-1.6962-1.4365i
33.3	-123.8652+6.8114i	-61.1657-34.8978i	-4.6683+1.5548i	-2.0322+2.2480i	0.8782+0.5194i	0.1841-0.4900i	2.2757+2.0605i	-1.6429-1.8848i
33.4	-122.1284+17.6026i	-56.6877-38.2285i	-4.9479+0.8109i	-1.7543+3.0130i	1.0417+0.7839i	0.2432-0.5742i	2.5419+2.5860i	-1.7005-2.4246i
33.5	-117.8884+32.2764i	-52.5101-43.6347i	-5.6543+0.2923i	-1.1642+3.9453i	1.3552+1.0782i	0.2369-0.7082i	3.0894+3.1921i	-1.9800-3.1365i
33.6	-108.5727+43.6150i	-50.9967-50.5046i	-6.8237-0.0543i	-0.2872+4.5696i	1.7637+1.2291i	0.1738-0.8149i	3.8451+3.5381i	-2.5298-3.6927i
33.7	-94.1756+49.1809i	-52.6921-56.6087i	-8.4697+0.8035i	0.8693+4.6329i	2.2011+1.1736i	0.0537-0.8551i	4.7057+3.4560i	-3.3107-3.9121i
33.8	-74.2290+50.8198i	-56.9709-62.8371i	-9.7850+2.6857i	2.3199+4.3317i	2.7071+0.9774i	-0.1262-0.8097i	5.7164+3.0684i	-4.3748-3.9066i
33.9	-54.7102+45.9014i	-63.3301-66.6569i	-8.7596+5.5540i	3.5535+3.5801i	3.1291+0.6298i	-0.1786-0.6899i	6.5678+2.3057i	-5.4097-3.4969i
34.0	-48.4682+37.6862i	-67.3710-65.7490i	-7.2941+6.4992i	3.7879+2.7886i	3.1919+0.3445i	-0.1492-0.6568i	6.6918+1.6521i	-5.7345-2.9610i
34.1	-42.4917+26.3460i	-72.3950-63.9678i	-5.4785+6.3061i	3.9242+1.8008i	3.1995+0.0116i	-0.0415-0.6082i	6.6851+0.8336i	-6.0211-2.2513i
34.2	-37.4936+18.5565i	-76.0639-62.7885i	-4.6896+5.7226i	4.1250+1.1756i	3.2757-0.2115i	0.0441-0.6198i	6.7374+0.2689i	-6.3017-1.7551i
34.3	-35.1377+10.3036i	-78.0392-60.1570i	-4.3008+4.8976i	3.9750+0.5686i	3.2735-0.3992i	0.0788-0.6957i	6.5121-0.2376i	-6.3313-1.2306i
34.4	-34.9505+4.8420i	-78.5045-57.8790i	-4.1962+4.7364i	3.7608+0.1931i	3.2597-0.5141i	0.0644-0.7753i	6.2744-0.5475i	-6.2585-0.8616i
34.5	-35.9117+0.3525i	-78.6232-55.9997i	-4.5339+4.9352i	3.5931-0.0779i	3.2984-0.6299i	0.0357-0.8614i	6.1161-0.7477i	-6.2279-0.5494i
34.6	-36.1527-3.6276i	-78.6635-54.6099i	-5.0235+5.2337i	3.4719-0.3347i	3.3223-0.7439i	-0.0057-0.9533i	5.9867-0.9374i	-6.1909-0.2766i
34.7	-36.8861-6.0861i	-77.7944-53.7313i	-5.2367+5.7953i	3.4090-0.4897i	3.3442-0.8420i	-0.0446-1.0370i	5.8973-1.0717i	-6.1225-0.0761i
34.8	-37.1878-8.5980i	-77.2570-53.1773i	-4.8984+6.6231i	3.3533-0.6618i	3.4145-0.9267i	-0.1516-1.0982i	5.8327-1.2303i	-6.1188+0.1199i
34.9	-38.4014-10.7178i	-76.7760-52.4353i	-4.6780+7.3730i	3.2349-0.7965i	3.4445-0.9992i	-0.2444-1.1427i	5.7103-1.3421i	-6.0577+0.2726i
35.0	-39.2129-13.0075i	-76.2365-51.8140i	-3.9659+8.0989i	3.1191-0.9674i	3.4541-1.1095i	-0.3486-1.1632i	5.5888-1.4691i	-5.9719+0.4484i
35.1	-40.2146-14.9625i	-75.9861-51.2700i	-3.0468+8.6972i	3.0645-1.0749i	3.4747-1.2215i	-0.4308-1.1680i	5.4968-1.5885i	-5.9136+0.6270i
35.2	-40.7229-16.1634i	-75.6241-51.1660i	-1.4851+9.0133i	3.0466-1.2036i	3.5192-1.3380i	-0.5483-1.1734i	5.4470-1.7409i	-5.8989+0.8049i
35.3	-42.0770-17.3084i	-75.6291-50.9982i	0.0037+9.4679i	2.9611-1.3115i	3.5533-1.4153i	-0.6587-1.1575i	5.3842-1.8536i	-5.8852+0.9338i
35.4	-42.4901-18.9808i	-75.4427-51.0408i	1.7350+9.0858i	2.8819-1.4740i	3.5731-1.5330i	-0.7581-1.1059i	5.2745-1.9914i	-5.8443+1.0875i
35.5	-42.3894-19.3439i	-74.8848-50.8527i	2.9292+8.0848i	2.8580-1.5948i	3.5805-1.6565i	-0.8559-1.0620i	5.2034-2.1444i	-5.8003+1.2715i
35.6	-43.0919-20.3447i	-74.8544-50.9104i	3.8687+7.2131i	2.7842-1.7286i	3.5638-1.7766i	-0.9460-1.0239i	5.0972-2.2964i	-5.7133+1.4525i
35.7	-43.4404-21.4083i	-75.0324-50.7481i	4.9487+6.1354i	2.7264-1.8536i	3.5680-1.8875i	-1.0409-0.9552i	5.0044-2.4105i	-5.6321+1.5995i
35.8	-44.0263-22.0267i	-75.1585-50.8700i	6.0750+4.7338i	2.6870-1.9720i	3.5765-1.9653i	-1.1321-0.9156i	4.9075-2.5311i	-5.5563+1.7132i
35.9	-44.4203-22.3783i	-75.3541-50.5055i	6.3584+2.8255i	2.5842-2.1440i	3.5454-2.0609i	-1.2199-0.8104i	4.7373-2.6730i	-5.4347+1.8222i
36.0	-45.3477-22.3131i	-75.9366-49.5159i	6.3668+1.5757i	2.4421-2.2237i	3.5120-2.1144i	-1.2803-0.6919i	4.5760-2.7481i	-5.3427+1.8856i
36.1	-45.7397-22.4661i	-75.9994-48.9520i	6.2488+0.3228i	2.3852-2.2938i	3.5125-2.1642i	-1.3105-0.6070i	4.4720-2.8011i	-5.2923+1.9406i
36.2	-45.7509-22.7329i	-75.4758-48.2564i	5.4317-1.2897i	2.2797-2.3659i	3.5446-2.1794i	-1.3441-0.5050i	4.2917-2.8260i	-5.2205+1.9652i
36.3	-46.4385-22.5076i	-75.8351-47.0195i	4.5522-1.8812i	2.1449-2.4023i	3.5461-2.2362i	-1.3877-0.3952i	4.1343-2.8901i	-5.1463+2.0321i
36.4	-46.2064-22.2992i	-75.3357-45.7492i	3.6257-2.3936i	2.0532-2.4638i	3.6104-2.2539i	-1.4066-0.3150i	4.0262-2.9002i	-5.1431+2.0449i
36.5	-46.2999-22.0407i	-74.2411-44.8314i	2.8394-2.3786i	1.9260-2.5034i	3.6894-2.3130i	-1.4094-0.2400i	3.9347-2.9083i	-5.1487+2.0723i
36.6	-45.9080-22.2668i	-73.5232-44.6460i	2.0393-2.6116i	1.8483-2.5377i	3.7791-2.3637i	-1.4465-0.1955i	3.8277-2.9169i	-5.1862+2.0955i
36.7	-46.0230-22.3774i	-72.9655-44.2766i	1.5247-2.6700i	1.7551-2.5727i	3.9061-2.4607i	-1.5298-0.1176i	3.7496-2.9201i	-5.2408+2.1679i
36.8	-46.1579-22.1730i	-72.0388-43.8819i	1.2347-2.7173i	1.6599-2.5481i	4.0066-2.5695i	-1.5841-0.0153i	3.6721-2.9289i	-5.2825+2.2402i
36.9	-45.8217-22.6686i	-71.1676-43.8421i	1.0449-2.5499i	1.5766-2.5512i	4.1288-2.7289i	-1.6584+0.1235i	3.5968-2.9232i	-5.3515+2.3611i
37.0	-45.5307-22.7600i	-70.4806-43.7151i	0.7483-2.8189i	1.5179-2.5035i	4.1958-2.8624i	-1.6829+0.2855i	3.5310-2.8801i	-5.3782+2.4437i
37.1	-45.3209-22.9194i	-69.6173-43.8201i	0.3054-2.9260i	1.5354-2.4647i	4.3020-2.9869i	-1.6937+0.4093i	3.5362-2.8329i	-5.4603+2.5084i

37.2	-44.9095-23.1915i	-68.2826-44.1513i	0.1828-2.7689i	1.6075-2.4318i	4.4235-3.1797i	-1.6776+0.5708i	3.5922-2.8112i	-5.5494+2.6263i
37.3	-44.8255-23.3786i	-67.5941-44.0619i	0.1198-2.7948i	1.6372-2.4297i	4.5284-3.3420i	-1.6836+0.7590i	3.6252-2.8231i	-5.6173+2.7360i
37.4	-44.2266-23.5480i	-66.5128-44.5659i	0.0093-3.0749i	1.7473-2.4497i	4.6869-3.5729i	-1.6834+0.9893i	3.7082-2.8758i	-5.7407+2.8961i
37.5	-43.5004-24.4217i	-65.0752-45.6599i	-0.3138-3.2681i	1.8427-2.5884i	4.8031-3.9459i	-1.5931+1.2376i	3.7941-3.0364i	-5.8512+3.1811i
37.6	-43.4835-24.5441i	-64.6698-46.0604i	-0.2824-3.5156i	1.8676-2.6361i	4.8806-4.1630i	-1.5072+1.4270i	3.8277-3.1275i	-5.9450+3.3279i
37.7	-43.2266-25.1536i	-63.8936-47.2542i	-0.8213-3.8844i	1.9816-2.7853i	4.9502-4.5052i	-1.3422+1.6698i	3.8831-3.2913i	-6.0314+3.5784i
37.8	-43.2427-25.3958i	-63.5521-47.8527i	-1.1442-3.6894i	1.9726-2.9000i	4.8562-4.7873i	-1.0726+1.8744i	3.8101-3.4338i	-5.9944+3.7810i
37.9	-43.4177-26.4405i	-63.7449-49.1325i	-1.8519-3.6103i	1.9474-3.1440i	4.8014-5.1910i	-0.7766+2.0771i	3.7686-3.6734i	-5.9934+4.0908i
38.0	-43.4044-27.2929i	-63.5478-50.6194i	-2.4127-3.5653i	1.9927-3.4140i	4.8620-5.6423i	-0.4617+2.2794i	3.7888-3.9316i	-6.1433+4.4551i
38.1	-43.7137-27.7599i	-63.6963-51.7527i	-2.5937-3.1094i	1.9610-3.6146i	4.7740-5.9913i	-0.1128+2.3356i	3.7116-4.1321i	-6.1680+4.7455i
38.2	-43.5054-28.2811i	-64.0529-52.7389i	-2.4767-2.7178i	1.7949-3.8611i	4.5447-6.4189i	0.2899+2.2757i	3.5070-4.3767i	-6.0700+5.1692i
38.3	-44.2061-28.5644i	-64.7737-53.7416i	-2.3496-2.8093i	1.6875-4.0656i	4.3804-6.7573i	0.5988+2.1030i	3.3965-4.5641i	-6.0270+5.5344i
38.4	-44.6634-29.7126i	-65.2834-55.1442i	-2.5500-2.9315i	1.6258-4.3077i	4.2054-7.1309i	0.9525+1.9324i	3.2511-4.7786i	-5.9565+5.9353i
38.5	-44.8550-29.8667i	-65.7403-55.8374i	-2.3609-2.9571i	1.5260-4.5165i	3.9862-7.4430i	1.1663+1.6794i	3.0779-4.9883i	-5.8160+6.3045i
38.6	-45.5053-30.7308i	-66.8878-57.0512i	-2.5263-3.1295i	1.3140-4.9375i	3.7234-7.8908i	1.4059+1.5014i	2.8308-5.3315i	-5.6691+6.7835i
38.7	-46.1538-31.0976i	-68.1938-57.4882i	-2.9902-3.0417i	0.9666-5.1496i	3.2911-8.2334i	1.5339+1.1916i	2.4496-5.5218i	-5.3162+7.2472i
38.8	-46.6848-31.6829i	-69.2159-58.2055i	-3.4737-3.4337i	0.5900-5.3674i	2.9607-8.5116i	1.6230+0.8899i	2.0839-5.7031i	-5.0665+7.6237i
38.9	-47.0717-31.5020i	-70.3587-58.5887i	-3.7017-3.2359i	0.1182-5.6414i	2.4655-8.8563i	1.6874+0.5909i	1.6081-5.9139i	-4.6458+8.0895i
39.0	-47.5468-32.0462i	-71.9939-59.4638i	-4.2873-3.3577i	-0.3279-5.7590i	1.9843-9.0958i	1.6442+0.3704i	1.1384-5.9767i	-4.1837+8.4565i
39.1	-48.2535-32.3831i	-73.3397-59.6140i	-4.7997-3.2692i	-0.7739-5.7172i	1.5379-9.1662i	1.5824+0.1630i	0.7048-5.8946i	-3.7481+8.6500i
39.2	-49.0351-32.1582i	-74.6800-58.8651i	-5.0564-2.7634i	-1.3119-5.5584i	1.0275-9.1701i	1.5211-0.0502i	0.2096-5.7276i	-3.2207+8.7719i
39.3	-49.8290-31.9932i	-76.2199-58.5722i	-5.4282-2.2172i	-1.8367-5.4480i	0.5365-9.2582i	1.4181-0.2202i	-0.2850-5.5817i	-2.6800+8.9834i
39.4	-50.1561-32.1485i	-77.2543-58.4222i	-5.7682-1.9807i	-2.2983-5.3166i	0.1224-9.2897i	1.3664-0.3677i	-0.7260-5.4134i	-2.2207+9.1409i
39.5	-50.4595-32.2192i	-78.3589-58.2836i	-5.5473-1.4406i	-2.7433-5.0137i	-0.3703-9.2879i	1.2543-0.5003i	-1.1520-5.0978i	-1.6339+9.2652i
39.6	-51.6089-31.9753i	-80.3777-57.8663i	-5.7711-0.7010i	-3.1697-4.6021i	-0.9573-9.2550i	1.1494-0.6412i	-1.5492-4.7107i	-0.9123+9.3078i
39.7	-52.1180-31.2308i	-81.1346-56.4803i	-6.0413+0.0382i	-3.4503-4.0843i	-1.3705-9.0807i	1.0719-0.8113i	-1.8130-4.2333i	-0.4174+9.1559i
39.8	-52.9483-31.1680i	-82.5425-56.0171i	-6.0275+0.9986i	-3.6143-3.6851i	-1.8022-9.0559i	0.9344-0.9691i	-1.9696-3.8336i	0.0704+9.2162i
39.9	-54.0216-30.9531i	-84.3989-55.1884i	-5.4866+1.7450i	-3.7295-3.2169i	-2.3127-8.9116i	0.7288-1.0454i	-2.0970-3.3755i	0.7379+9.1333i
40.0	-54.5332-30.2698i	-85.7349-53.9816i	-4.8791+1.9672i	-3.7998-2.7791i	-2.8198-8.7015i	0.5577-1.0815i	-2.1967-2.9942i	1.4055+8.9545i
40.1	-55.1341-29.8278i	-86.9750-52.6150i	-4.2227+2.2789i	-3.7936-2.4480i	-3.2709-8.4175i	0.4094-1.0807i	-2.2029-2.6335i	2.0191+8.6336i
40.2	-55.7910-28.9379i	-87.8680-50.8455i	-3.3130+2.5746i	-3.7570-2.0198i	-3.6417-7.9978i	0.2425-1.0749i	-2.1381-2.2148i	2.5014+8.0991i
40.3	-55.7285-28.2184i	-87.9742-49.4098i	-2.8727+2.1934i	-3.5908-1.7585i	-3.8057-7.6666i	0.1465-1.0484i	-2.0283-1.9697i	2.7297+7.7066i
40.4	-55.7590-27.4465i	-88.2973-47.5603i	-2.3701+1.6340i	-3.4331-1.4465i	-4.0477-7.2491i	0.0197-1.0022i	-1.9136-1.6366i	3.0203+7.1833i
40.5	-56.0811-26.7479i	-88.6371-46.2206i	-2.0394+1.5029i	-3.3231-1.1893i	-4.2033-6.9354i	-0.0913-0.9654i	-1.7963-1.3817i	3.1654+6.7972i
40.6	-56.2551-25.7927i	-88.9246-44.4920i	-1.8984+1.6812i	-3.1760-1.0020i	-4.3839-6.5857i	-0.1918-0.9098i	-1.6672-1.1854i	3.4156+6.4339i
40.7	-56.4296-25.5710i	-88.9458-43.8051i	-1.8557+1.6133i	-3.0535-0.8812i	-4.4347-6.3305i	-0.2721-0.8552i	-1.5621-1.0404i	3.5174+6.0746i
40.8	-56.5901-24.9121i	-88.8514-42.3202i	-1.4693+1.3823i	-2.8912-0.7215i	-4.5027-6.0028i	-0.3517-0.8073i	-1.4058-0.8522i	3.5806+5.6388i
40.9	-56.3191-24.2479i	-88.5713-40.9088i	-1.3688+1.1413i	-2.7504-0.6274i	-4.5805-5.7155i	-0.3991-0.7292i	-1.2838-0.7140i	3.6418+5.2735i
41.0	-56.0962-23.4396i	-88.4262-39.5061i	-1.2595+0.8599i	-2.6342-0.4479i	-4.6716-5.4600i	-0.4319-0.6637i	-1.1754-0.5279i	3.7259+4.9383i
41.1	-55.9474-22.5780i	-88.0377-37.8518i	-1.3332+0.6212i	-2.4491-0.3259i	-4.7021-5.1624i	-0.4541-0.5822i	-0.9902-0.4003i	3.7191+4.5462i
41.2	-55.7117-22.0362i	-87.6003-36.7651i	-1.2285+0.4008i	-2.3231-0.2316i	-4.6966-4.9449i	-0.4914-0.5184i	-0.8583-0.2919i	3.6150+4.2633i
41.3	-55.5502-21.5251i	-87.1338-35.6971i	-1.1969+0.1177i	-2.1546-0.1318i	-4.7280-4.7091i	-0.5142-0.4536i	-0.7008-0.1950i	3.5501+4.0165i
41.4	-55.1694-20.9788i	-86.4189-34.6897i	-1.3914+0.1412i	-1.9486-0.1898i	-4.6697-4.4369i	-0.4878-0.3878i	-0.5454-0.2116i	3.4777+3.7624i
41.5	-55.0162-20.7598i	-86.0869-34.0874i	-1.4142-0.0854i	-1.9464-0.1119i	-4.6298-4.3040i	-0.4846-0.3655i	-0.4837-0.1360i	3.3691+3.5648i
41.6	-54.6602-20.1686i	-85.4102-33.0465i	-1.3926-0.3136i	-1.7230-0.0557i	-4.6586-4.0344i	-0.5089-0.3114i	-0.2343-0.0814i	3.2462+3.3337i
41.7	-54.8758-19.5938i	-85.2592-32.1327i	-1.5031-0.2571i	-1.6554-0.1860i	-4.5773-3.8398i	-0.5087-0.2897i	-0.1634-0.1722i	3.1328+3.1723i
41.8	-54.3831-19.7135i	-84.2977-31.8585i	-1.7250-0.3132i	-1.6880-0.1903i	-4.4432-3.7096i	-0.5041-0.2758i	-0.1518-0.1430i	2.9603+3.0359i
41.9	-53.7825-19.4592i	-83.5061-31.2951i	-1.5357-0.3078i	-1.6376-0.0504i	-4.4222-3.6309i	-0.5175-0.2613i	-0.1083-0.0056i	2.8797+3.0031i
42.0	-53.8055-19.2716i	-83.5072-30.7428i	-1.5557-0.5813i	-1.4962-0.0417i	-4.4392-3.5389i	-0.5122-0.2365i	-0.0167-0.0154i	2.8885+3.0028i
42.1	-53.2736-18.6010i	-82.7732-29.7979i	-1.7464-0.6132i	-1.3690-0.1235i	-4.4187-3.3416i	-0.5032-0.1745i	0.1087-0.0839i	2.8824+2.8700i
42.2	-53.0235-18.0444i	-82.0449-28.8220i	-1.5389-0.6697i	-1.3699-0.0793i	-4.3498-3.1816i	-0.5046-0.1229i	0.1862-0.0626i	2.7630+2.7742i
42.3	-53.0034-17.8009i	-81.7684-28.4530i	-1.6865-0.6803i	-1.3116-0.0983i	-4.3251-3.0754i	-0.4812-0.0899i	0.2341-0.0634i	2.7803+2.7219i
42.4	-52.4032-17.7790i	-80.9020-28.3067i	-1.9666-0.8931i	-1.2843-0.1461i	-4.2503-2.9927i	-0.4544-0.1077i	0.2194-0.0649i	2.7595+2.6177i
42.5	-52.1864-17.4659i	-80.5156-27.8407i	-1.9638-0.8539i	-1.2777-0.0841i	-4.2334-2.9263i	-0.4583-0.1023i	0.2646-0.0058i	2.7271+2.5610i
42.6	-51.9325-17.0328i	-80.1988-27.1789i	-2.0727-0.7546i	-1.2053-0.0585i	-4.2499-2.8347i	-0.4549-0.0832i	0.3359+0.0190i	2.7264+2.5005i
42.7	-51.4261-17.3047i	-79.3546-27.3880i	-2.2094-0.7700i	-1.1851-0.0457i	-4.1754-2.7783i	-0.4635-0.0689i	0.3939+0.0502i	2.6506+2.4876i
42.8	-51.7456-16.8974i	-79.4330-26.7193i	-2.0679-0.5167i	-1.1621+0.0279i	-4.1800-2.6813i	-0.4643-0.0452i	0.4479+0.0816i	2.6795+2.4215i
42.9	-50.9580-16.6145i	-78.3704-26.3993i	-1.9892-0.5176i	-1.1030+0.0148i	-4.1190-2.5883i	-0.4731-0.0392i	0.4662+0.0700i	2.6481+2.3287i
43.0	-50.7106-16.8471i	-78.0341-26.3502i	-2.4117-0.4877i	-1.1029+0.0194i	-4.1079-2.5426i	-0.4781-0.0266i	0.5262+0.1264i	2.6501+2.2919i
43.1	-50.5669-16.4439i	-77.7541-25.7492i	-2.5293-0.4997i	-1.0318+0.0821i	-4.1263-2.4677i	-0.4753-0.0135i	0.5996+0.1853i	2.6719+2.2226i
43.2	-50.0377-15.9771i	-77.1999-25.2909i	-2.4157-0.4973i	-0.9475+0.1490i	-4.1261-2.4003i	-0.4752+0.0073i	0.6668+0.2358i	2.6834+2.1960i
43.3	-50.0099-16.1225i	-76.9300-25.1756i	-2.3234-0.3785i	-0.8195+0.1384i	-4.1399-2.2978i	-0.4938+0.0353i	0.8102+0.2437i	2.6981+2.1240i
43.4	-49.7284-15.9631i	-76.2977-25.0083i	-2.2504-0.3636i	-0.7475+0.0748i	-4.1104-2.2133i	-0.5031+0.0526i	0.8878+0.2004i	2.7195+2.0465i

43.5	-49.8298-15.7305i	-76.2372-24.5864i	-2.3288-0.1662i	-0.7133+0.0683i	-4.0894-2.1429i	-0.4926+0.0607i	0.9076+0.1861i	2.7331+1.9642i
43.6	-49.6150-15.3070i	-75.9464-23.9697i	-2.1973-0.2970i	-0.7634+0.1070i	-4.0717-2.0688i	-0.4982+0.0837i	0.9333+0.1981i	2.6882+1.8474i
43.7	-48.9667-15.2246i	-75.0643-23.7570i	-2.1965-0.3228i	-0.6997+0.1283i	-4.0279-1.9840i	-0.4914+0.1047i	0.9899+0.1826i	2.6441+1.7847i
43.8	-48.8679-15.0986i	-74.6460-23.6938i	-2.0093-0.0569i	-0.6062+0.1460i	-4.0094-1.9330i	-0.4953+0.1230i	1.0684+0.2057i	2.6815+1.7546i
43.9	-48.5994-15.2917i	-74.4098-23.7025i	-2.0222-0.2282i	-0.5046+0.1466i	-4.0162-1.8741i	-0.4942+0.1537i	1.1555+0.2326i	2.7179+1.6778i
44.0	-48.3884-15.3385i	-74.0404-23.4987i	-2.2500-0.2050i	-0.4322+0.0923i	-4.0148-1.8004i	-0.4964+0.1699i	1.2398+0.2097i	2.7286+1.5538i
44.1	-48.3096-14.5489i	-73.8333-22.7387i	-1.8314-0.1734i	-0.3883+0.0338i	-4.0187-1.6826i	-0.4901+0.2179i	1.3276+0.1428i	2.6896+1.4263i
44.2	-48.1134-14.4431i	-73.4787-22.5815i	-2.0389-0.1800i	-0.4261-0.0290i	-3.9476-1.6317i	-0.4697+0.2299i	1.3274+0.0871i	2.6196+1.3848i
44.3	-47.8646-14.4299i	-73.0238-22.4443i	-2.1953-0.0603i	-0.4238-0.0931i	-3.9364-1.5856i	-0.4733+0.2552i	1.3804+0.0804i	2.5980+1.2989i
44.4	-47.4221-14.3359i	-72.3445-22.4651i	-2.0287-0.0020i	-0.3488-0.0357i	-3.9131-1.5433i	-0.4637+0.2819i	1.4412+0.0906i	2.5699+1.2699i
44.5	-46.9603-14.3626i	-71.7397-22.4254i	-1.8830-0.0140i	-0.2736-0.1006i	-3.8755-1.4795i	-0.4496+0.3062i	1.4907+0.0445i	2.5430+1.2174i
44.6	-46.7886-14.0534i	-71.4479-21.8383i	-1.6112-0.1451i	-0.2816-0.1518i	-3.8447-1.3968i	-0.4233+0.3239i	1.4903-0.0093i	2.4980+1.1351i
44.7	-46.2433-13.9770i	-70.8087-21.7164i	-1.6464-0.1626i	-0.2772-0.1310i	-3.8251-1.3385i	-0.4030+0.3438i	1.5334-0.0306i	2.4545+1.0973i
44.8	-46.3410-13.9094i	-70.7721-21.6114i	-1.5779+0.0259i	-0.2589-0.1391i	-3.8349-1.2849i	-0.3712+0.3702i	1.5790-0.0846i	2.4886+1.0696i
44.9	-46.3827-13.8267i	-70.6852-21.2397i	-1.4684+0.0081i	-0.3015-0.2308i	-3.8031-1.2130i	-0.3468+0.3721i	1.5880-0.1282i	2.4591+0.9806i
45.0	-46.1737-13.8784i	-70.2856-21.3211i	-1.4469-0.1442i	-0.2844-0.2495i	-3.7860-1.1611i	-0.3331+0.3654i	1.6136-0.1516i	2.4511+0.9048i
45.1	-45.9622-13.6793i	-69.9080-21.0418i	-1.5871-0.2989i	-0.2619-0.2720i	-3.7496-1.0824i	-0.3264+0.3592i	1.6237-0.1965i	2.4069+0.7832i
45.2	-45.2447-13.8264i	-69.2630-21.1061i	-1.6653-0.3951i	-0.2470-0.2511i	-3.7344-1.0530i	-0.3248+0.3817i	1.6593-0.1844i	2.3520+0.7541i
45.3	-44.5981-13.6135i	-68.4959-20.9273i	-1.5471-0.5642i	-0.2163-0.2407i	-3.7330-1.0044i	-0.3156+0.4001i	1.7231-0.1977i	2.3062+0.7215i
45.4	-44.5198-13.5636i	-68.4062-20.7749i	-1.6829-0.5882i	-0.2696-0.2570i	-3.7102-0.9266i	-0.2965+0.4206i	1.7259-0.2666i	2.2456+0.6822i
45.5	-44.4554-13.5117i	-68.0127-20.6776i	-1.6333-0.3707i	-0.2495-0.2205i	-3.6723-0.8727i	-0.2804+0.4339i	1.7198-0.2830i	2.2240+0.6890i
45.6	-44.0982-13.2850i	-67.4751-20.4662i	-1.5662-0.4280i	-0.2213-0.2878i	-3.6379-0.8283i	-0.2682+0.4288i	1.7439-0.3045i	2.2063+0.6436i
45.7	-44.1005-13.2934i	-67.3842-20.3529i	-1.4557-0.3822i	-0.2115-0.2730i	-3.6256-0.7881i	-0.2586+0.4297i	1.7706-0.3199i	2.1936+0.6054i
45.8	-43.9491-13.4166i	-67.0174-20.3453i	-1.3006-0.4853i	-0.2116-0.2752i	-3.6083-0.7494i	-0.2478+0.4281i	1.8126-0.3509i	2.1624+0.5839i
45.9	-43.8749-12.7870i	-66.7124-19.7518i	-1.2566-0.7413i	-0.2495-0.3402i	-3.5727-0.6751i	-0.2268+0.4306i	1.8274-0.4215i	2.1348+0.5394i
46.0	-43.7395-13.2061i	-66.7172-20.2368i	-1.5866-0.9487i	-0.2575-0.3662i	-3.5615-0.6487i	-0.2266+0.4332i	1.8034-0.4642i	2.1295+0.5057i
46.1	-43.6645-13.5680i	-66.6534-20.4110i	-1.9988-0.6390i	-0.2874-0.3231i	-3.5343-0.6071i	-0.2315+0.4395i	1.7598-0.4755i	2.1034+0.4568i
46.2	-42.9328-13.1590i	-65.5819-20.0074i	-1.9529-0.4095i	-0.3171-0.2558i	-3.4789-0.5580i	-0.2455+0.4645i	1.7460-0.4485i	2.0271+0.4229i
46.3	-42.3537-13.5022i	-64.9845-20.3591i	-1.7886-0.5413i	-0.2465-0.2261i	-3.4587-0.5498i	-0.2448+0.4843i	1.7846-0.3851i	2.0070+0.4272i
46.4	-42.4539-13.5789i	-65.0764-20.3655i	-1.7081-0.5304i	-0.1524-0.2321i	-3.4693-0.5047i	-0.2091+0.5116i	1.8846-0.4256i	2.0443+0.4305i
46.5	-42.4729-13.3284i	-65.0364-19.8876i	-1.8962-0.5173i	-0.1246-0.2555i	-3.4692-0.4179i	-0.1734+0.5315i	1.9161-0.5278i	2.0772+0.3651i
46.6	-42.6373-13.1535i	-64.9407-19.6850i	-1.9457-0.4810i	-0.1173-0.3366i	-3.4468-0.3515i	-0.1475+0.5554i	1.9215-0.5970i	2.0620+0.2831i
46.7	-42.6574-13.2430i	-64.8320-19.6645i	-2.0883-0.5128i	-0.1618-0.3557i	-3.3955-0.3157i	-0.1303+0.5453i	1.9066-0.6128i	2.0044+0.2246i
46.8	-42.0900-13.4945i	-64.0862-19.6574i	-2.0325-0.5829i	-0.1270-0.3542i	-3.3253-0.2654i	-0.1034+0.5562i	1.8792-0.6428i	1.9350+0.1641i
46.9	-41.7128-13.5033i	-63.7963-19.6212i	-2.0291-0.5366i	-0.1468-0.3446i	-3.3001-0.2106i	-0.0885+0.5686i	1.8524-0.6826i	1.8815+0.1474i
47.0	-41.8293-13.6017i	-63.7332-19.8207i	-2.0976-0.6744i	-0.2086-0.3841i	-3.2825-0.2135i	-0.0886+0.5674i	1.8593-0.6762i	1.8601+0.1396i
47.1	-41.7568-13.8413i	-63.4638-20.0589i	-1.8729-0.5446i	-0.2213-0.3581i	-3.2413-0.2010i	-0.0569+0.5871i	1.8697-0.6610i	1.8285+0.1240i
47.2	-41.5328-13.4706i	-63.0584-19.9263i	-1.8957-0.4764i	-0.1899-0.3799i	-3.2391-0.1639i	-0.0281+0.5960i	1.9345-0.6924i	1.8190+0.1158i
47.3	-41.5260-13.1835i	-62.9715-19.6405i	-1.9470-0.6816i	-0.1651-0.3886i	-3.2240-0.1156i	0.0001+0.5979i	1.9439-0.7513i	1.8292+0.0740i
47.4	-41.6594-13.2620i	-62.9133-19.6268i	-1.9226-0.6669i	-0.1769-0.3708i	-3.1700-0.0580i	0.0348+0.6084i	1.9182-0.8129i	1.7672+0.0071i
47.5	-41.4372-13.2390i	-62.6540-19.5819i	-1.9901-0.6270i	-0.2320-0.4044i	-3.1301-0.0279i	0.0583+0.6071i	1.8806-0.8368i	1.7093-0.0450i
47.6	-41.1211-13.2700i	-62.2722-19.6778i	-2.2360-0.6296i	-0.2155-0.4419i	-3.1076-0.0112i	0.0577+0.5970i	1.8832-0.8399i	1.6637-0.0553i
47.7	-40.7979-13.2447i	-61.7662-19.6297i	-2.0163-0.6064i	-0.1976-0.4046i	-3.0486+0.0085i	0.0857+0.5773i	1.8656-0.8545i	1.6223-0.0405i
47.8	-40.8961-13.2790i	-61.8390-19.5935i	-1.9348-0.5538i	-0.2143-0.3972i	-3.0155+0.0347i	0.0969+0.5791i	1.8607-0.8429i	1.5980-0.0979i
47.9	-40.5885-12.9860i	-61.4920-19.3264i	-2.0679-0.5199i	-0.2325-0.3937i	-3.0004+0.0418i	0.0801+0.5872i	1.8536-0.8370i	1.5475-0.1497i
48.0	-40.3797-13.1855i	-61.2829-19.4532i	-2.2262-0.4731i	-0.2409-0.4420i	-2.9698+0.0436i	0.1119+0.5952i	1.8353-0.8450i	1.4921-0.1382i
48.1	-40.4892-13.1930i	-61.1368-19.4841i	-2.2004-0.1450i	-0.2339-0.4434i	-2.9545+0.0704i	0.1481+0.6095i	1.8529-0.8513i	1.4594-0.1442i
48.2	-40.2129-12.8585i	-60.7370-19.2657i	-2.1023-0.0153i	-0.2512-0.4064i	-2.9351+0.0950i	0.1761+0.6051i	1.8663-0.8880i	1.4241-0.1538i
48.3	-39.6214-12.6965i	-60.2662-19.1381i	-2.1112-0.2286i	-0.1996-0.3911i	-2.9129+0.1357i	0.1923+0.5940i	1.8644-0.9156i	1.3887-0.1807i
48.4	-39.4538-13.2545i	-60.0025-19.7786i	-1.9710-0.4926i	-0.2313-0.4409i	-2.8663+0.1256i	0.2109+0.5746i	1.8309-0.9134i	1.3482-0.1626i
48.5	-39.6601-12.9834i	-60.0939-19.5142i	-1.9530-0.1829i	-0.2622-0.4427i	-2.8522+0.1267i	0.2228+0.5771i	1.8417-0.8966i	1.3150-0.1636i
48.6	-39.2927-12.9250i	-59.7999-19.5016i	-2.0266-0.3431i	-0.2137-0.4471i	-2.8598+0.1520i	0.2543+0.5841i	1.8709-0.9188i	1.2772-0.1507i
48.7	-39.0987-12.5670i	-59.4946-19.1677i	-1.8661-0.5002i	-0.2777-0.3858i	-2.8128+0.1920i	0.2762+0.5446i	1.8219-0.9566i	1.2607-0.1189i
48.8	-38.8032-12.2928i	-59.0047-18.8939i	-1.8582-0.6395i	-0.3028-0.3606i	-2.7676+0.1722i	0.2466+0.5213i	1.7780-0.8950i	1.2741-0.1163i
48.9	-39.0612-12.7457i	-59.1444-19.2618i	-2.0905-0.4203i	-0.2667-0.3577i	-2.7722+0.1464i	0.2507+0.5553i	1.8030-0.8438i	1.2595-0.1279i
49.0	-39.4290-12.7036i	-59.4488-19.1067i	-2.0462-0.0133i	-0.2838-0.3239i	-2.7832+0.1875i	0.2840+0.5775i	1.8131-0.8597i	1.2463-0.1495i
49.1	-39.2595-12.1189i	-59.2514-18.6854i	-1.7385+0.2334i	-0.2720-0.3446i	-2.7788+0.2311i	0.3271+0.5818i	1.8340-0.8891i	1.2302-0.1694i
49.2	-38.5998-12.2765i	-58.4988-18.6864i	-1.5400+0.0745i	-0.2290-0.3464i	-2.7445+0.2349i	0.3451+0.5571i	1.8347-0.8833i	1.1940-0.1602i
49.3	-38.4157-12.8038i	-58.3639-19.2547i	-1.5373-0.0547i	-0.2641-0.3337i	-2.7708+0.2331i	0.3378+0.5589i	1.8802-0.8740i	1.1981-0.1645i
49.4	-38.0633-12.0471i	-57.8445-18.4795i	-1.6807+0.1801i	-0.2793-0.3002i	-2.7824+0.2521i	0.3534+0.5694i	1.9412-0.8635i	1.1633-0.1690i
49.5	-37.6981-12.0855i	-57.3649-18.6610i	-1.6689+0.0346i	-0.2202-0.3010i	-2.7927+0.2520i	0.3812+0.5702i	1.9893-0.8516i	1.1639-0.1721i
49.6	-37.3100-12.4922i	-57.0959-19.1437i	-1.6008+0.0287i	-0.1453-0.3065i	-2.7853+0.2953i	0.4186+0.5523i	2.0139-0.9070i	1.1507-0.1774i
49.7	-37.5977-12.3987i	-57.1289-19.0270i	-1.4383+0.2206i	-0.2219-0.3188i	-2.7823+0.3015i	0.4333+0.5376i	2.0378-0.8998i	1.1205-0.1823i

49.8	-37.5441-12.4245i	-56.9967-18.9751i	-1.3388+0.1269i	-0.3088-0.3091i	-2.7727+0.3141i	0.4470+0.5317i	2.0444-0.8804i	1.0867-0.1781i
49.9	-36.8900-12.2658i	-56.2771-18.8522i	-1.3533+0.0098i	-0.2642-0.2327i	-2.7546+0.3490i	0.4536+0.5293i	2.0564-0.9078i	1.0667-0.1793i
50.0	-36.7199-12.2931i	-56.0497-19.0047i	-1.4244+0.0151i	-0.1695-0.2773i	-2.7689+0.3651i	0.4673+0.5505i	2.0986-0.8985i	1.0671-0.1980i
50.1	-36.8292-12.2950i	-56.1370-18.9216i	-1.3648+0.0954i	-0.1762-0.2996i	-2.8150+0.3899i	0.4936+0.5561i	2.1815-0.9171i	1.0694-0.2033i
50.2	-36.3489-12.3406i	-55.5063-18.9915i	-1.3969-0.0769i	-0.1639-0.2964i	-2.8175+0.4254i	0.5242+0.5553i	2.2324-0.9388i	1.0640-0.2203i
50.3	-36.1179-12.1605i	-55.1453-18.8665i	-1.2599+0.0195i	-0.1596-0.2795i	-2.8008+0.4634i	0.5471+0.5506i	2.2506-0.9650i	1.0479-0.2402i
50.4	-36.1808-12.5484i	-55.2790-19.2166i	-1.3740-0.0660i	-0.1716-0.3028i	-2.7952+0.5041i	0.5728+0.5360i	2.2505-1.0363i	1.0117-0.2768i
50.5	-35.8996-12.6031i	-54.8389-19.3232i	-1.5060+0.1049i	-0.1473-0.3050i	-2.8121+0.5397i	0.6036+0.5321i	2.2966-1.0706i	0.9873-0.3023i
50.6	-36.0147-12.6374i	-54.8607-19.3360i	-1.4378+0.1962i	-0.1720-0.3034i	-2.8325+0.5821i	0.6292+0.5260i	2.3377-1.0876i	0.9802-0.3056i
50.7	-35.8269-12.3545i	-54.5911-19.1949i	-1.2241+0.3712i	-0.2042-0.2868i	-2.8210+0.6542i	0.6637+0.5139i	2.3563-1.1682i	0.9548-0.3245i
50.8	-35.1981-12.5401i	-53.7497-19.4867i	-1.1075+0.2610i	-0.1638-0.2556i	-2.7558+0.7163i	0.6937+0.4839i	2.3542-1.2529i	0.9095-0.3191i
50.9	-35.0121-12.9450i	-53.6068-19.7647i	-1.1139-0.0061i	-0.1209-0.2816i	-2.7145+0.7359i	0.7008+0.4645i	2.3139-1.2594i	0.8953-0.2948i
51.0	-34.4642-12.1712i	-53.0250-19.2142i	-1.0434+0.0407i	-0.1590-0.1986i	-2.7235+0.7927i	0.7322+0.4526i	2.3297-1.3037i	0.8820-0.3297i
51.1	-34.5614-12.1047i	-52.9069-19.1863i	-0.7999+0.2442i	-0.2184-0.2470i	-2.7215+0.8276i	0.7620+0.4348i	2.3607-1.3141i	0.8617-0.3513i
51.2	-34.5654-12.4868i	-52.7640-19.5447i	-0.7598+0.2285i	-0.2126-0.2818i	-2.7010+0.8958i	0.7854+0.4342i	2.3870-1.3575i	0.8218-0.4001i
51.3	-34.6693-12.3478i	-53.1143-19.4743i	-0.7343+0.0502i	-0.2401-0.2442i	-2.6642+0.9551i	0.8292+0.4287i	2.3791-1.4371i	0.7777-0.4014i
51.4	-34.4915-12.7440i	-52.9725-19.7085i	-0.8592+0.0873i	-0.2769-0.2765i	-2.6324+0.9839i	0.8729+0.4168i	2.3615-1.4639i	0.7082-0.4081i
51.5	-34.4193-12.7555i	-52.7775-19.7995i	-1.0480+0.0968i	-0.2584-0.2798i	-2.5941+0.9968i	0.9206+0.3944i	2.3697-1.4697i	0.6566-0.3919i
51.6	-34.1387-12.9862i	-52.4778-20.1496i	-0.9388+0.2430i	-0.2409-0.2638i	-2.5847+1.0203i	0.9501+0.3608i	2.4039-1.4962i	0.6281-0.3552i
51.7	-34.1081-13.1242i	-52.3250-20.5020i	-0.6456-0.0620i	-0.2133-0.2857i	-2.5547+1.0307i	0.9818+0.3267i	2.4167-1.5063i	0.6075-0.3292i
51.8	-33.7621-13.1292i	-51.9190-20.5484i	-0.5512+0.0100i	-0.2065-0.1891i	-2.4915+1.0551i	1.0074+0.2847i	2.3982-1.5375i	0.5897-0.3071i
51.9	-33.6839-13.2334i	-51.7240-20.6696i	-0.5907+0.0242i	-0.2149-0.1698i	-2.4818+1.0657i	1.0411+0.2557i	2.4456-1.5694i	0.5580-0.2952i
52.0	-33.8014-13.5652i	-52.0050-20.9222i	-0.7523-0.0612i	-0.1913-0.1966i	-2.4611+1.0638i	1.0656+0.2298i	2.4291-1.5790i	0.5492-0.2267i
52.1	-33.8015-13.4659i	-51.7925-20.8731i	-0.5212-0.0018i	-0.1360-0.2065i	-2.4634+1.0770i	1.1144+0.1998i	2.4906-1.5791i	0.5443-0.2238i
52.2	-33.5469-13.0583i	-51.3458-20.4468i	-0.2405-0.0728i	-0.1522-0.1937i	-2.4612+1.0884i	1.1507+0.1022i	2.5646-1.6200i	0.5233-0.2239i
52.3	-33.1891-12.9645i	-50.9996-20.4377i	-0.2151+0.0150i	-0.2080-0.1516i	-2.4520+1.0889i	1.1219+0.0587i	2.5548-1.6266i	0.5411-0.1957i
52.4	-32.5413-13.1041i	-50.3997-20.8811i	-0.2814-0.3864i	-0.1359-0.1363i	-2.4480+1.1027i	1.1374+0.0100i	2.5908-1.6946i	0.5261-0.1714i
52.5	-31.9666-13.1720i	-49.8908-20.9677i	-0.0760-0.4957i	-0.1391-0.1626i	-2.4497+1.1326i	1.1710-0.0548i	2.6456-1.7770i	0.4809-0.1346i
52.6	-32.1742-12.8320i	-49.8249-20.6365i	0.0551-0.4010i	-0.1744-0.2041i	-2.4697+1.1545i	1.1809-0.1037i	2.6914-1.8165i	0.5041-0.1318i
52.7	-32.8132-13.1452i	-50.1903-20.8698i	0.0624-0.3873i	-0.1706-0.2498i	-2.5156+1.1975i	1.1875-0.1315i	2.7715-1.8833i	0.5312-0.1593i
52.8	-32.6729-13.5774i	-50.0987-21.4106i	0.3262-0.5177i	-0.1450-0.2115i	-2.5525+1.2512i	1.2090-0.1684i	2.8409-1.9819i	0.5078-0.1648i
52.9	-32.0456-13.6313i	-49.2867-21.7871i	0.3905-0.6770i	-0.1914-0.1976i	-2.5625+1.2783i	1.2192-0.2203i	2.8662-2.0541i	0.4558-0.1164i
53.0	-30.7590-13.5766i	-48.0602-21.9493i	0.3800-1.1804i	-0.1830-0.1867i	-2.5933+1.3147i	1.2210-0.2775i	2.9116-2.1064i	0.4570-0.0697i
53.1	-31.1566-13.3009i	-48.3120-22.0254i	0.6029-1.2576i	-0.1921-0.0907i	-2.6648+1.4276i	1.2296-0.3582i	2.9938-2.2826i	0.5089-0.0204i
53.2	-31.0375-13.5346i	-47.9309-22.5134i	0.6156-1.2478i	-0.2012-0.0489i	-2.7095+1.5443i	1.2677-0.4180i	3.0891-2.4271i	0.5441-0.0092i
53.3	-30.9597-14.2599i	-47.5738-23.3128i	0.6901-1.4172i	-0.2438-0.0472i	-2.7296+1.6368i	1.2963-0.5011i	3.1450-2.5512i	0.5495-0.0087i
53.4	-31.1667-14.5565i	-47.7549-23.9545i	0.7217-1.6449i	-0.2037-0.0010i	-2.7349+1.7779i	1.2761-0.5916i	3.1661-2.7308i	0.5811-0.0223i
53.5	-30.7445-14.6090i	-47.4407-24.1055i	0.3955-1.9333i	-0.1204+0.0183i	-2.6525+1.8964i	1.2131-0.6614i	3.0493-2.8929i	0.5721-0.0462i
53.6	-30.5696-15.0234i	-47.6381-24.7316i	-0.1071-2.0420i	-0.0642+0.0134i	-2.6533+2.0037i	1.2025-0.7404i	3.0606-3.0475i	0.5726-0.0140i
53.7	-30.5545-15.1870i	-47.7330-25.4295i	-0.1264-2.1649i	-0.0150+0.0295i	-2.6699+2.1836i	1.1763-0.8152i	3.1221-3.3045i	0.6024-0.0312i
53.8	-30.4533-15.2049i	-47.7755-25.7166i	-0.2245-2.3028i	0.0483+0.0132i	-2.6317+2.3593i	1.1619-0.8705i	3.0830-3.5284i	0.6190-0.0362i
53.9	-30.6013-15.8219i	-48.0475-26.4851i	-0.3033-2.4259i	0.0194-0.0174i	-2.5183+2.4987i	1.1185-0.9724i	2.9682-3.7183i	0.6373-0.0429i
54.0	-30.0731-15.8725i	-47.7584-26.9557i	-0.2451-2.5518i	0.0095-0.0217i	-2.3366+2.6284i	1.0313-1.0648i	2.7492-3.9095i	0.6223-0.0676i
54.1	-30.6403-15.7414i	-48.5689-27.3648i	-0.5072-2.3395i	0.0864+0.0484i	-2.2163+2.8284i	0.9516-1.1605i	2.6371-4.1922i	0.5925-0.0724i
54.2	-30.5591-16.2264i	-48.8350-28.1946i	-0.7171-2.4850i	0.1372+0.0396i	-2.1061+2.9430i	0.9185-1.2236i	2.5289-4.3780i	0.5857-0.0285i
54.3	-30.6373-16.4576i	-49.3272-28.4033i	-0.7111-2.5883i	0.1349+0.0524i	-1.8934+3.0316i	0.7859-1.3207i	2.2565-4.5201i	0.6581-0.0148i
54.4	-30.3244-16.4969i	-49.5081-28.4119i	-0.9501-2.5252i	0.2093+0.0818i	-1.6848+3.0662i	0.6514-1.3282i	1.9974-4.5805i	0.6702-0.0497i
54.5	-30.6662-16.9776i	-50.3394-28.8595i	-1.3072-2.4875i	0.1668-0.0024i	-1.4742+3.0870i	0.5305-1.3314i	1.7244-4.6686i	0.6777-0.0604i
54.6	-30.6799-16.6921i	-50.7268-28.5941i	-1.1705-2.2419i	0.1741-0.0739i	-1.2788+3.0694i	0.4199-1.3157i	1.4624-4.7029i	0.6895-0.0680i
54.7	-31.2203-16.3998i	-51.2830-28.0528i	-1.3951-1.7637i	0.1660-0.1810i	-1.1212+3.0619i	0.3649-1.3343i	1.2134-4.7237i	0.7182-0.0471i
54.8	-31.7963-17.0562i	-51.9105-28.8842i	-1.4700-1.7192i	0.0874-0.1799i	-1.0215+3.0542i	0.2656-1.3680i	1.0648-4.7464i	0.7896-0.0252i
54.9	-31.8065-17.6165i	-52.1806-29.4709i	-1.6398-2.1722i	0.0509-0.1014i	-0.9214+3.0125i	0.1404-1.3256i	0.9365-4.7115i	0.8349-0.0785i
55.0	-31.8857-16.9712i	-52.7183-28.7061i	-1.7253-1.9136i	0.0372-0.1082i	-0.7016+2.9787i	0.0282-1.2688i	0.6199-4.6877i	0.8394-0.1641i
55.1	-31.8717-16.5789i	-53.0749-28.2584i	-1.4956-1.6245i	0.0594-0.1458i	-0.5472+2.9492i	-0.0187-1.2243i	0.3841-4.6728i	0.8426-0.2178i
55.2	-32.0639-16.6127i	-53.5241-28.3708i	-1.4562-1.5285i	0.0858-0.1373i	-0.4295+2.9111i	-0.0876-1.1702i	0.2036-4.6154i	0.8567-0.2823i
55.3	-31.6538-16.7889i	-53.1670-28.3828i	-1.3140-1.8212i	0.0426-0.0916i	-0.3305+2.8055i	-0.1401-1.0875i	0.0579-4.4319i	0.8398-0.3532i
55.4	-31.6640-16.9216i	-53.3327-28.4629i	-1.1580-1.8347i	0.0178-0.0700i	-0.2445+2.7820i	-0.1692-1.0626i	-0.0760-4.3909i	0.8311-0.3988i
55.5	-32.2013-17.1212i	-54.3218-28.5168i	-1.1971-1.7104i	0.1107-0.0540i	-0.0820+2.7629i	-0.2376-1.0364i	-0.2903-4.3423i	0.8143-0.4817i
55.6	-32.6043-16.8771i	-55.0148-28.1687i	-1.2728-1.7134i	0.0803-0.0571i	0.0489+2.7012i	-0.3200-0.9836i	-0.4572-4.2654i	0.7654-0.5453i
55.7	-32.4825-16.9825i	-54.8770-28.1762i	-1.3735-1.6059i	0.0928-0.0378i	0.1055+2.6056i	-0.3386-0.9057i	-0.5222-4.1338i	0.7083-0.5856i
55.8	-32.0595-17.0772i	-54.7965-28.0021i	-1.3495-1.8214i	0.1740-0.1211i	0.1966+2.5085i	-0.3401-0.8471i	-0.6278-4.0045i	0.6344-0.6151i
55.9	-32.1147-16.0846i	-54.9384-26.8381i	-1.3483-2.0613i	0.0885-0.0751i	0.2493+2.4102i	-0.3397-0.7992i	-0.7100-3.8553i	0.5887-0.6206i
56.0	-32.3616-16.0578i	-55.2718-26.3215i	-1.2434-1.8148i	0.1062-0.0904i	0.3276+2.3126i	-0.3454-0.7569i	-0.8004-3.6970i	0.5161-0.6209i

56.1	-32.7365-15.9363i	-55.7911-25.8467i	-1.2790-1.8407i	0.1507-0.0307i	0.4314+2.2127i	-0.3872-0.7016i	-0.9307-3.5666i	0.4509-0.6287i
56.2	-32.4874-15.8256i	-55.6542-25.4891i	-1.2171-1.6081i	0.2069-0.0229i	0.5147+2.1144i	-0.3936-0.6351i	-1.0273-3.4284i	0.3788-0.6275i
56.3	-32.5238-15.6413i	-55.5166-25.1578i	-1.2745-1.6313i	0.2146-0.0651i	0.5221+2.0063i	-0.3666-0.5850i	-1.0356-3.2949i	0.3145-0.6020i
56.4	-31.7998-15.8766i	-54.9068-25.2638i	-1.4097-1.7610i	0.2040-0.0952i	0.5265+1.8899i	-0.3493-0.5139i	-1.0314-3.1487i	0.2828-0.5884i
56.5	-31.9264-15.8684i	-55.0676-25.1491i	-1.4770-1.8853i	0.2057-0.1241i	0.5517+1.8158i	-0.3445-0.4943i	-1.0501-3.0358i	0.2508-0.5593i
56.6	-31.8332-15.1277i	-55.0125-24.2459i	-1.4018-1.6495i	0.1910-0.1191i	0.5771+1.7285i	-0.3362-0.4590i	-1.0587-2.8926i	0.2081-0.5431i
56.7	-31.2069-14.7480i	-54.3769-23.8543i	-1.1395-1.8676i	0.1988-0.1007i	0.5772+1.6359i	-0.3116-0.4255i	-1.0354-2.7795i	0.1794-0.5074i
56.8	-31.7725-15.1649i	-54.8754-23.9777i	-1.4789-1.8262i	0.1967-0.0858i	0.5976+1.5899i	-0.3157-0.4041i	-1.0571-2.7361i	0.1705-0.4902i
56.9	-32.0610-15.2191i	-55.0592-23.8806i	-1.4522-1.7924i	0.1585-0.1038i	0.6183+1.5227i	-0.3045-0.3796i	-1.0573-2.6725i	0.1412-0.4672i
57.0	-32.0764-15.4267i	-55.1375-24.1108i	-1.6529-1.7357i	0.1909-0.1137i	0.6264+1.4767i	-0.2725-0.3754i	-1.0344-2.6235i	0.0961-0.4460i
57.1	-31.8516-15.2280i	-55.0068-23.7680i	-1.3351-1.8223i	0.1710-0.1244i	0.6238+1.4124i	-0.2649-0.3671i	-1.0180-2.5380i	0.0841-0.4172i
57.2	-31.6425-15.1436i	-54.7299-23.4800i	-1.3298-1.8022i	0.2027-0.1186i	0.5938+1.3443i	-0.2443-0.3360i	-0.9945-2.4412i	0.0905-0.3900i
57.3	-31.3905-15.2912i	-54.4939-23.7150i	-1.4712-1.9445i	0.1889-0.1345i	0.5873+1.2949i	-0.2416-0.3225i	-0.9804-2.3928i	0.0905-0.3576i
57.4	-31.3909-14.9969i	-54.4371-23.3890i	-1.6411-1.7938i	0.1546-0.1001i	0.6144+1.2359i	-0.2244-0.3048i	-0.9943-2.3529i	0.0595-0.3312i
57.5	-31.2420-14.3554i	-54.2337-22.4152i	-1.3311-1.5883i	0.2298-0.0839i	0.6079+1.1674i	-0.1992-0.2936i	-0.9790-2.2434i	0.0532-0.3248i
57.6	-31.1736-14.5167i	-54.2291-22.3825i	-1.1399-1.6590i	0.2140-0.0722i	0.5769+1.1070i	-0.1714-0.2973i	-0.9606-2.1908i	0.0511-0.2758i
57.7	-31.3329-14.7044i	-54.4598-22.4901i	-1.3349-1.7386i	0.1698-0.0937i	0.6182+1.0876i	-0.1859-0.2904i	-0.9878-2.1854i	0.0209-0.2814i
57.8	-30.8960-14.5170i	-53.8966-22.3062i	-1.3595-1.7469i	0.1497-0.0810i	0.6067+1.0160i	-0.1736-0.2590i	-0.9822-2.1205i	0.0109-0.2540i
57.9	-31.1353-14.9917i	-54.1698-22.6869i	-1.7761-1.7614i	0.1761-0.1168i	0.5839+1.0143i	-0.1565-0.2906i	-0.9577-2.1375i	0.0153-0.2325i
58.0	-30.7933-15.1550i	-54.0697-22.8210i	-1.6719-1.8320i	0.1503-0.1412i	0.5801+0.9935i	-0.1506-0.2969i	-0.9471-2.1088i	0.0279-0.2159i
58.1	-30.5650-14.5599i	-53.6936-22.2685i	-1.3693-1.9905i	0.1539-0.1260i	0.5779+0.9409i	-0.1484-0.2855i	-0.9690-2.0478i	0.0355-0.1972i
58.2	-30.6314-14.3373i	-53.6546-21.8797i	-1.3888-1.7492i	0.2215-0.1134i	0.5601+0.8727i	-0.1367-0.2980i	-0.9992-1.9743i	0.0437-0.1622i
58.3	-30.8089-14.6064i	-53.7649-22.1483i	-1.4927-1.4763i	0.1612-0.1211i	0.5656+0.8584i	-0.1273-0.2890i	-0.9857-1.9564i	0.0281-0.1642i
58.4	-29.9930-14.4939i	-53.0449-22.0361i	-1.4031-1.6189i	0.1985-0.1877i	0.5589+0.8090i	-0.1279-0.2797i	-0.9998-1.9274i	0.0266-0.1293i
58.5	-29.9804-14.2919i	-53.0932-21.6888i	-1.3942-1.6625i	0.1538-0.0820i	0.5528+0.7845i	-0.1300-0.3062i	-0.9940-1.8710i	0.0474-0.1177i
58.6	-30.5647-14.2888i	-53.6170-21.7469i	-1.3981-1.5477i	0.0702-0.0775i	0.5337+0.7603i	-0.1560-0.3147i	-0.9998-1.8443i	0.0993-0.1067i
58.7	-30.5066-14.4017i	-53.4042-21.6082i	-1.4112-1.4894i	0.1152-0.1224i	0.5162+0.7209i	-0.1473-0.2994i	-0.9926-1.7847i	0.0983-0.0944i
58.8	-30.3280-14.8274i	-53.3436-21.9292i	-1.5949-1.8153i	0.1908-0.1059i	0.4938+0.7043i	-0.1460-0.3070i	-0.9704-1.7666i	0.1106-0.0888i
58.9	-30.0985-14.1849i	-52.6230-21.3623i	-1.2097-1.6058i	0.1765-0.0902i	0.4801+0.6675i	-0.1577-0.2862i	-0.9455-1.6775i	0.1131-0.1059i
59.0	-29.9846-14.5759i	-52.7923-21.5072i	-1.3611-1.7800i	0.1889-0.0493i	0.4794+0.6562i	-0.1659-0.2839i	-0.9455-1.6598i	0.1249-0.1050i
59.1	-30.0144-14.5877i	-53.0513-21.4872i	-1.4511-1.6869i	0.1583-0.0227i	0.4713+0.6455i	-0.1450-0.2909i	-0.9297-1.6474i	0.1036-0.1050i
59.2	-29.6710-14.2363i	-52.7382-21.2100i	-1.0992-1.4601i	0.1232-0.0218i	0.4559+0.6074i	-0.1453-0.2896i	-0.9334-1.5815i	0.1054-0.1047i
59.3	-29.6184-14.1682i	-52.5437-21.0847i	-1.1965-1.4053i	0.1279-0.0236i	0.4423+0.5786i	-0.1563-0.2875i	-0.9396-1.5542i	0.1276-0.0851i
59.4	-29.7941-14.7931i	-52.9620-21.5846i	-1.3466-1.4954i	0.1754-0.0333i	0.4422+0.5626i	-0.1530-0.2577i	-0.9225-1.5419i	0.1269-0.0863i
59.5	-29.7641-14.2157i	-52.7290-21.0132i	-1.3797-1.3959i	0.1703-0.0601i	0.4369+0.5459i	-0.1954-0.2407i	-0.9457-1.4782i	0.1586-0.1010i
59.6	-29.7278-14.2385i	-52.7649-20.7764i	-1.3788-1.4940i	0.1092-0.0503i	0.4278+0.5255i	-0.2054-0.2486i	-0.9496-1.4379i	0.1580-0.0912i
59.7	-28.8247-13.9713i	-51.8178-20.4987i	-1.0469-1.4906i	0.1534-0.0326i	0.4065+0.5094i	-0.2031-0.2393i	-0.9162-1.4027i	0.1446-0.1033i
59.8	-29.1343-14.0670i	-51.9094-20.7795i	-1.0685-1.4755i	0.1440+0.0159i	0.3995+0.5050i	-0.1837-0.2467i	-0.8909-1.3904i	0.1564-0.1026i
59.9	-28.8720-14.1841i	-52.0801-19.9423i	-1.2500-0.6271i	-0.2811+1.2312i	0.3909+0.4782i	-0.1602-0.2311i	-0.8628-1.3620i	0.1432-0.0724i
60.0	-28.6508-14.0319i	-53.2316-17.4524i	-2.4053+0.7006i	-1.7407+3.5313i	0.3866+0.4302i	-0.1797-0.2091i	-0.8725-1.3084i	0.1555-0.0570i
60.1	-28.7877-13.6357i	-51.6864-19.4877i	-1.1468-1.2233i	0.0949+0.8884i	0.3654+0.4340i	-0.1796-0.2336i	-0.8596-1.3080i	0.1767-0.0607i
60.2	-28.8220-13.8100i	-51.7286-20.1777i	-1.1103-1.4141i	0.2556+0.0228i	0.3668+0.4414i	-0.2047-0.2395i	-0.8401-1.2691i	0.1785-0.0635i
60.3	-28.6991-13.4026i	-51.5843-19.6800i	-0.9306-1.2179i	0.2260-0.0119i	0.3755+0.4236i	-0.2002-0.2017i	-0.8358-1.2436i	0.1555-0.1046i
60.4	-28.8894-13.2861i	-51.6740-19.4512i	-0.8389-1.4210i	0.2026+0.0803i	0.3672+0.4129i	-0.1908-0.1987i	-0.8215-1.2237i	0.1623-0.0992i
60.5	-28.8345-14.1865i	-51.7048-20.1954i	-1.0512-1.4686i	0.1684+0.0517i	0.3518+0.3973i	-0.1797-0.1817i	-0.8007-1.1932i	0.1817-0.0948i
60.6	-28.7460-13.6884i	-51.6004-19.9922i	-0.9345-1.5318i	0.1438+0.0037i	0.3460+0.3791i	-0.1756-0.1659i	-0.7728-1.1723i	0.1833-0.1075i
60.7	-28.1253-13.8628i	-51.0132-20.2620i	-0.8823-1.6340i	0.2131-0.0100i	0.3437+0.3851i	-0.1942-0.1846i	-0.7609-1.1746i	0.1885-0.1326i
60.8	-28.2223-13.8489i	-50.9981-20.3149i	-0.7134-1.6491i	0.2332+0.0370i	0.3367+0.3797i	-0.1881-0.1956i	-0.7481-1.1723i	0.1793-0.1177i
60.9	-28.4587-13.4786i	-51.3164-19.9251i	-0.5821-1.7554i	0.2170+0.0567i	0.3208+0.3528i	-0.1613-0.1841i	-0.7535-1.1508i	0.1587-0.1195i
61.0	-27.8315-13.6412i	-50.7952-19.9253i	-0.6166-1.7038i	0.1804+0.0696i	0.3109+0.3398i	-0.1413-0.1695i	-0.7263-1.1419i	0.1164-0.1439i
61.1	-27.5621-13.6571i	-50.3391-19.9417i	-0.4168-1.7620i	0.1910+0.0823i	0.3042+0.3426i	-0.1401-0.1853i	-0.7046-1.1309i	0.0969-0.1407i
61.2	-27.5300-13.5867i	-49.9143-19.9005i	-0.1981-1.7875i	0.1554+0.0769i	0.2799+0.3242i	-0.1147-0.1663i	-0.6796-1.0911i	0.0755-0.1215i
61.3	-27.3876-13.7217i	-50.1435-19.7090i	-0.2864-2.1805i	0.2087+0.0332i	0.2802+0.3082i	-0.1345-0.1575i	-0.6924-1.0626i	0.0762-0.1071i
61.4	-27.1644-13.3426i	-49.9131-19.3599i	-0.0888-1.9369i	0.2281+0.0357i	0.2835+0.3027i	-0.1487-0.1554i	-0.6873-1.0468i	0.0594-0.1068i
61.5	-27.4096-12.8064i	-49.9952-18.8960i	0.3441-1.6071i	0.1881+0.0986i	0.2867+0.3022i	-0.1588-0.1557i	-0.6755-1.0186i	0.0274-0.0988i
61.6	-27.6439-12.7000i	-50.2632-18.6097i	0.3602-1.8077i	0.1576+0.1531i	0.2805+0.2896i	-0.1513-0.1664i	-0.6731-1.0226i	0.0503-0.0728i
61.7	-27.1041-12.9660i	-49.9205-18.7235i	0.2802-1.9472i	0.2015+0.1217i	0.2742+0.2792i	-0.1498-0.1539i	-0.6682-1.0032i	0.0616-0.0647i
61.8	-27.0984-13.2970i	-50.0179-18.8728i	-0.1995-2.1789i	0.2696+0.1173i	0.2762+0.2759i	-0.1530-0.1428i	-0.6653-0.9809i	0.0508-0.0805i
61.9	-26.8925-13.3742i	-49.7732-19.1039i	0.2605-2.5849i	0.2743+0.1878i	0.2711+0.2770i	-0.1500-0.1637i	-0.6237-0.9690i	0.0711-0.0593i
62.0	-26.5981-13.2503i	-49.5838-19.0063i	0.3203-2.6277i	0.2316+0.1363i	0.2592+0.2643i	-0.1485-0.1339i	-0.6234-0.9515i	0.0734-0.0886i
62.1	-26.4989-12.6911i	-49.1711-18.6513i	0.7587-2.9319i	0.2361+0.1492i	0.2520+0.2632i	-0.1468-0.1266i	-0.6138-0.9359i	0.0955-0.0732i
62.2	-26.5734-12.4960i	-49.0480-18.1232i	1.4103-3.4058i	0.2594+0.2089i	0.2356+0.2417i	-0.1283-0.1276i	-0.5928-0.9203i	0.0943-0.0332i
62.3	-26.8705-13.7204i	-49.8053-19.0465i	0.5214-3.2978i	0.2219+0.1840i	0.2429+0.2426i	-0.1368-0.1288i	-0.6035-0.9093i	0.0807-0.0353i

62.4	-26.4721-13.1635i	-49.4138-18.5904i	0.5917-3.1141i	0.2254+0.1771i	0.2423+0.2346i	-0.1353-0.1104i	-0.5925-0.8750i	0.0481-0.0607i
62.5	-25.9983-13.2428i	-49.0822-18.5856i	0.8201-3.7725i	0.2435+0.1656i	0.2391+0.2153i	-0.1337-0.0881i	-0.5732-0.8500i	0.0328-0.0575i
62.6	-26.0310-12.7507i	-48.9820-18.0301i	0.5870-3.9022i	0.2148+0.2171i	0.2388+0.2232i	-0.1400-0.1056i	-0.5638-0.8549i	0.0741-0.0323i
62.7	-26.0136-12.8456i	-48.6726-18.4194i	0.5399-4.2544i	0.1879+0.2790i	0.2416+0.2183i	-0.1377-0.1058i	-0.5510-0.8646i	0.0661-0.0433i
62.8	-25.6704-13.4636i	-48.6225-19.0045i	0.6742-5.0712i	0.2394+0.2923i	0.2416+0.2199i	-0.1415-0.1120i	-0.5226-0.8639i	0.0567-0.0224i
62.9	-25.4050-13.3817i	-48.3628-18.7943i	0.2928-5.8095i	0.2998+0.2806i	0.2301+0.2155i	-0.1347-0.1086i	-0.5147-0.8639i	0.0739-0.0552i
63.0	-25.2977-13.4584i	-48.4207-18.5898i	0.2545-6.0313i	0.2927+0.2790i	0.2257+0.2017i	-0.1157-0.1049i	-0.5107-0.8501i	0.0646-0.0496i
63.1	-25.1790-13.5453i	-48.2354-18.7275i	0.0946-5.7419i	0.2558+0.3001i	0.2298+0.2007i	-0.1122-0.0841i	-0.4987-0.8343i	0.0785-0.0256i
63.2	-25.3265-12.9424i	-48.2329-18.1204i	-0.3739-5.8690i	0.2845+0.3324i	0.2248+0.1927i	-0.1265-0.0695i	-0.5014-0.8102i	0.0675-0.0275i
63.3	-24.9189-12.8640i	-47.8776-18.1228i	-0.6342-6.1051i	0.3212+0.3620i	0.2165+0.1907i	-0.1146-0.0817i	-0.4779-0.7924i	0.0816-0.0092i
63.4	-25.1608-12.8746i	-47.9001-18.0596i	-1.1283-6.1220i	0.2996+0.3741i	0.2114+0.1862i	-0.1056-0.0496i	-0.4549-0.7812i	0.0999-0.0384i
63.5	-25.5420-13.4847i	-48.4687-18.5907i	-2.2184-5.8729i	0.3173+0.3355i	0.2146+0.1862i	-0.1194-0.0723i	-0.4852-0.7831i	0.0958-0.0462i
63.6	-25.4270-13.4501i	-48.2992-18.4177i	-2.0822-6.6900i	0.3468+0.3933i	0.2114+0.1789i	-0.0878-0.0847i	-0.4696-0.7866i	0.0856-0.0066i
63.7	-25.3872-12.5957i	-48.0295-17.3597i	-2.3749-6.0268i	0.3822+0.3940i	0.2047+0.1681i	-0.0889-0.0529i	-0.4558-0.7506i	0.0699-0.0275i
63.8	-24.4967-12.5364i	-47.2416-17.3460i	-3.0268-6.1947i	0.4099+0.3458i	0.1950+0.1635i	-0.0677-0.0416i	-0.4559-0.7437i	0.0781-0.0328i
63.9	-24.5572-13.1799i	-47.3306-18.0088i	-3.8722-6.6659i	0.4655+0.3816i	0.1927+0.1651i	-0.0650-0.0656i	-0.4453-0.7590i	0.1075-0.0296i
64.0	-24.3706-13.7040i	-47.2162-18.6921i	-3.8403-6.3290i	0.4386+0.4369i	0.1915+0.1722i	-0.0371-0.1168i	-0.4205-0.7668i	0.1008+0.0257i
64.1	-23.6322-13.6175i	-46.2336-18.5737i	-4.1199-6.1496i	0.4620+0.3673i	0.1823+0.1640i	-0.0330-0.0750i	-0.4006-0.7451i	0.0881-0.0098i
64.2	-23.5620-13.0426i	-46.2528-18.2428i	-4.6605-6.0696i	0.5073+0.3870i	0.1843+0.1645i	-0.0274-0.1017i	-0.4034-0.7192i	0.0744-0.0020i
64.3	-23.1659-12.9327i	-46.0566-17.9464i	-4.5702-5.6589i	0.5200+0.3612i	0.1817+0.1520i	-0.0366-0.0787i	-0.4095-0.6912i	0.0812+0.0078i
64.4	-22.9447-13.2242i	-45.7880-17.7363i	-4.6170-5.2517i	0.4979+0.3585i	0.1683+0.1518i	-0.0226-0.0736i	-0.4002-0.6652i	0.0872+0.0061i
64.5	-23.2842-13.2727i	-46.2712-17.8488i	-5.0694-4.5201i	0.5174+0.2866i	0.1809+0.1525i	-0.0517-0.0764i	-0.4194-0.6811i	0.0988-0.0099i
64.6	-22.9777-13.3694i	-46.2053-18.2033i	-4.7871-4.1529i	0.5226+0.2794i	0.1912+0.1389i	-0.0402-0.0607i	-0.4031-0.6927i	0.0848+0.0033i
64.7	-23.1611-12.7052i	-46.0818-17.6602i	-5.1138-3.8967i	0.5773+0.3286i	0.1827+0.1405i	-0.0437-0.0647i	-0.3851-0.6624i	0.0804+0.0058i
64.8	-22.9304-12.4674i	-45.8252-17.1502i	-4.8190-3.9598i	0.5978+0.3138i	0.1822+0.1314i	-0.0513-0.0340i	-0.3767-0.6572i	0.0808-0.0401i
64.9	-22.7906-12.8276i	-45.6081-17.1609i	-4.8274-3.9959i	0.6068+0.2901i	0.1781+0.1356i	-0.0264-0.0509i	-0.3577-0.6446i	0.0820-0.0251i
65.0	-23.0929-13.3376i	-45.7447-17.8968i	-4.8140-3.5195i	0.5280+0.3211i	0.1836+0.1339i	-0.0367-0.0775i	-0.3640-0.6263i	0.0711+0.0175i
65.1	-23.3300-13.2515i	-46.0735-17.7697i	-4.5197-3.3701i	0.5257+0.3836i	0.1843+0.1188i	-0.0122-0.0455i	-0.3523-0.6231i	0.0987-0.0094i
65.2	-23.0990-13.0850i	-45.9601-17.4573i	-4.6899-3.3973i	0.5709+0.3230i	0.1771+0.1238i	-0.0024-0.0717i	-0.3554-0.6200i	0.0829-0.0310i
65.3	-22.8246-13.1161i	-45.3433-17.5198i	-4.8295-3.0247i	0.5588+0.2918i	0.1669+0.1182i	-0.0128-0.0777i	-0.3413-0.6072i	0.0985+0.0008i
65.4	-22.9413-13.1889i	-45.5263-17.5097i	-4.6112-2.6626i	0.5703+0.2704i	0.1663+0.1172i	-0.0102-0.0209i	-0.3238-0.5821i	0.0575-0.0135i
65.5	-22.5241-13.1260i	-45.2664-17.3541i	-4.8353-2.6590i	0.5524+0.3015i	0.1659+0.1163i	0.0036-0.0401i	-0.3341-0.5746i	0.0812-0.0175i
65.6	-23.0135-13.4337i	-45.4080-17.4655i	-4.6657-2.5464i	0.5387+0.3017i	0.1660+0.1110i	-0.0101-0.0787i	-0.3344-0.5679i	0.0988-0.0034i
65.7	-22.7829-13.4800i	-44.9415-17.2870i	-4.4254-2.4759i	0.5180+0.2789i	0.1696+0.1027i	0.0134-0.0494i	-0.3045-0.5680i	0.0538-0.0350i
65.8	-22.1043-13.8387i	-44.4374-17.6331i	-4.3846-2.6221i	0.4605+0.3161i	0.1640+0.1001i	0.0638-0.0933i	-0.3008-0.5687i	0.0240-0.0071i
65.9	-22.5907-13.6461i	-44.5009-17.2374i	-4.1185-2.5770i	0.4780+0.3228i	0.1621+0.0980i	0.0892-0.0672i	-0.2885-0.5449i	0.0079-0.0321i
66.0	-22.2997-13.2432i	-44.1998-17.1277i	-4.4745-2.5660i	0.5321+0.3293i	0.1599+0.0974i	0.0485-0.0903i	-0.2712-0.5356i	0.0674-0.0025i
66.1	-22.8272-13.5474i	-44.8305-17.2496i	-4.8644-2.4030i	0.6057+0.3778i	0.1653+0.1034i	0.0054-0.0875i	-0.2648-0.5087i	0.0352-0.0345i
66.2	-22.8530-13.7280i	-44.4948-17.3475i	-4.7490-2.2595i	0.6152+0.3459i	0.1578+0.1010i	0.0166-0.1036i	-0.2532-0.5125i	0.0805-0.0288i
66.3	-22.5070-13.6983i	-44.1435-17.3192i	-4.5557-2.5406i	0.5390+0.3975i	0.1538+0.0967i	0.0574-0.1258i	-0.2412-0.5068i	0.0591+0.0314i
66.4	-21.4142-13.4774i	-43.1410-17.2714i	-4.2125-2.4825i	0.5022+0.4224i	0.1500+0.0995i	0.0716-0.1015i	-0.2242-0.4862i	0.0612+0.0318i
66.5	-21.7715-13.0059i	-43.6406-17.3425i	-4.3556-2.4869i	0.6124+0.4250i	0.1540+0.0990i	0.0407-0.1241i	-0.2411-0.5019i	0.0469-0.0517i
66.6	-21.8915-13.2192i	-43.7410-17.5020i	-4.2714-2.3322i	0.5621+0.4012i	0.1533+0.0919i	0.0633-0.1207i	-0.2171-0.5004i	0.0349-0.0186i
66.7	-21.5742-13.4673i	-43.3989-17.2458i	-4.1220-2.2141i	0.5608+0.3632i	0.1500+0.0868i	0.0751-0.0884i	-0.1981-0.4916i	0.0370-0.0065i
66.8	-21.1230-13.3131i	-42.8682-17.1321i	-3.8886-2.2551i	0.5553+0.4078i	0.1458+0.0851i	0.1065-0.0879i	-0.1902-0.4787i	0.0533+0.0034i
66.9	-21.2934-13.0436i	-42.6581-17.0690i	-3.8392-2.4678i	0.5352+0.4046i	0.1490+0.0896i	0.1132-0.0997i	-0.1781-0.4697i	0.0061-0.0358i
67.0	-21.2290-12.8640i	-42.8357-17.0548i	-3.9070-2.3422i	0.5898+0.4315i	0.1533+0.0875i	0.0800-0.1195i	-0.1899-0.4561i	-0.0197-0.0265i
67.1	-21.1770-12.8859i	-42.9165-17.1119i	-4.1108-2.4135i	0.6193+0.4665i	0.1545+0.0878i	0.0471-0.1527i	-0.1876-0.4540i	-0.0014+0.0009i
67.2	-20.6532-12.7076i	-42.5530-17.0095i	-4.1714-2.4252i	0.6030+0.4650i	0.1557+0.0869i	0.0224-0.1326i	-0.1684-0.4610i	0.0251+0.0338i
67.3	-21.2753-12.6294i	-42.8313-17.1235i	-4.1031-2.3324i	0.6156+0.4910i	0.1554+0.0818i	0.0189-0.1393i	-0.1494-0.4703i	0.0542+0.0245i
67.4	-21.3380-12.5475i	-42.6142-17.1292i	-4.0907-2.3614i	0.6362+0.4935i	0.1479+0.0889i	0.0344-0.1329i	-0.1418-0.4437i	0.0156-0.0037i
67.5	-20.7757-12.8095i	-42.2666-17.5897i	-4.0253-2.1568i	0.5766+0.4902i	0.1547+0.0887i	0.0617-0.1169i	-0.1340-0.4459i	0.0193-0.0169i
67.6	-21.0375-13.0088i	-42.7304-17.6756i	-3.9213-1.9225i	0.5632+0.4648i	0.1574+0.0800i	0.0506-0.1397i	-0.1300-0.4391i	0.0525-0.0008i
67.7	-20.9351-12.3095i	-42.3464-16.8783i	-3.9574-2.0335i	0.5983+0.4894i	0.1484+0.0733i	0.0815-0.1496i	-0.1170-0.4308i	0.0290+0.0211i
67.8	-20.1475-12.1644i	-41.5035-16.5710i	-3.7817-2.0006i	0.6625+0.4919i	0.1459+0.0793i	0.0894-0.1203i	-0.1084-0.4117i	0.0067+0.0166i
67.9	-19.7724-12.0604i	-41.4134-16.5812i	-3.7351-2.0515i	0.6776+0.4877i	0.1500+0.0770i	0.0767-0.1058i	-0.0986-0.4039i	0.0015+0.0237i
68.0	-19.6965-12.1728i	-41.5185-16.7406i	-3.9114-2.0727i	0.6824+0.4882i	0.1547+0.0748i	0.0548-0.1211i	-0.0851-0.4067i	-0.0076+0.0243i
68.1	-19.9772-12.4813i	-41.4998-16.8700i	-4.0025-2.1410i	0.6841+0.4642i	0.1519+0.0781i	0.0495-0.1154i	-0.0785-0.3896i	-0.0073+0.0423i
68.2	-20.2100-11.9853i	-41.7930-16.6385i	-4.1582-2.2994i	0.7033+0.5298i	0.1505+0.0738i	0.0535-0.1372i	-0.0794-0.4023i	-0.0094+0.0479i
68.3	-20.0991-12.0029i	-41.6432-16.7993i	-4.3304-2.3012i	0.7187+0.5391i	0.1473+0.0752i	0.0893-0.1375i	-0.0746-0.3934i	-0.0241+0.0553i
68.4	-19.5728-11.6144i	-40.9817-16.4350i	-4.1038-2.1734i	0.7588+0.5413i	0.1480+0.0796i	0.0876-0.1228i	-0.0395-0.3707i	-0.0271+0.0661i
68.5	-19.1242-11.2512i	-40.6450-16.1320i	-4.0638-2.0433i	0.8237+0.5649i	0.1554+0.0754i	0.0519-0.1294i	-0.0251-0.3741i	-0.0202+0.0735i
68.6	-18.6100-11.5557i	-40.5353-16.7507i	-4.3897-1.9342i	0.7817+0.5196i	0.1516+0.0777i	0.0365-0.1500i	-0.0228-0.3779i	-0.0055+0.0809i

68.7	-18.3124-11.9419i	-40.1963-17.0693i	-4.2088-2.0820i	0.6853+0.4878i	0.1419+0.0841i	0.0605-0.1277i	-0.0313-0.3572i	-0.0152+0.0708i
68.8	-18.4085-11.9912i	-40.3807-17.0913i	-4.2362-2.1822i	0.7150+0.4893i	0.1456+0.0874i	0.0695-0.1359i	-0.0241-0.3505i	-0.0035+0.0962i
68.9	-18.1235-11.5820i	-40.5113-16.6111i	-4.3666-2.0808i	0.7737+0.5252i	0.1554+0.0908i	0.0414-0.1247i	-0.0131-0.3376i	0.0109+0.0783i
69.0	-18.0686-12.0306i	-40.4508-16.8168i	-4.5267-2.3397i	0.8517+0.5401i	0.1574+0.0941i	0.0398-0.1225i	-0.0224-0.3254i	-0.0099+0.0642i
69.1	-18.3445-11.9831i	-40.3516-16.9374i	-4.1654-2.3007i	0.8344+0.6021i	0.1618+0.0933i	0.0602-0.1240i	-0.0062-0.3357i	-0.0122+0.0805i
69.2	-18.2286-12.4188i	-40.0977-17.4556i	-4.2260-2.3726i	0.8248+0.6714i	0.1729+0.1102i	0.0250-0.1802i	0.0436-0.3311i	0.0288+0.1164i
69.3	-17.4943-11.5543i	-39.7525-17.0617i	-4.5116-2.1230i	0.8790+0.6302i	0.1743+0.1058i	0.0511-0.1271i	0.0478-0.3180i	0.0127+0.1168i
69.4	-16.9115-10.8591i	-39.0706-16.3045i	-4.1439-1.9252i	0.8662+0.6008i	0.1631+0.1008i	0.0673-0.1025i	0.0383-0.2969i	0.0104+0.1120i
69.5	-16.4982-10.9864i	-38.7844-16.2566i	-4.3704-2.2865i	0.8944+0.6031i	0.1632+0.1022i	0.0621-0.1453i	0.0487-0.2864i	-0.0083+0.1136i
69.6	-16.2270-11.2600i	-38.5475-16.4095i	-4.2878-2.3445i	0.8798+0.6099i	0.1651+0.0977i	0.0811-0.1073i	0.0638-0.2922i	0.0230+0.1007i
69.7	-16.5087-11.5889i	-38.8722-16.7021i	-4.2689-2.3013i	0.8512+0.5976i	0.1777+0.1116i	0.0830-0.0758i	0.0843-0.2894i	0.0274+0.0818i
69.8	-16.6984-11.7454i	-39.1009-17.1200i	-4.8194-2.3297i	0.9170+0.5704i	0.1939+0.1184i	0.0490-0.0809i	0.0966-0.2904i	0.0311+0.1051i
69.9	-16.4088-11.2278i	-39.1994-16.6171i	-4.7536-2.0307i	0.9070+0.5284i	0.1893+0.1071i	0.0899-0.0771i	0.0961-0.2729i	0.0353+0.1103i
70.0	-15.6057-11.1932i	-38.4619-16.6749i	-4.7407-2.0437i	0.9156+0.5554i	0.1873+0.1147i	0.1329-0.0575i	0.1220-0.2451i	0.0382+0.1095i
70.1	-15.8503-11.3290i	-38.6899-16.7820i	-4.9070-2.0355i	0.9595+0.6130i	0.2157+0.1077i	0.1310-0.0551i	0.1535-0.2598i	0.0162+0.1256i
70.2	-15.8892-12.6377i	-38.8544-18.1363i	-4.9455-2.3344i	0.9662+0.6076i	0.2340+0.1232i	0.1243-0.0262i	0.1720-0.2867i	0.0060+0.1232i
70.3	-16.0306-11.4004i	-38.7097-16.4546i	-5.0849-1.9603i	0.9748+0.6467i	0.2105+0.1178i	0.1950-0.0501i	0.1585-0.2809i	-0.0098+0.1115i
70.4	-15.0866-10.4883i	-37.7349-15.9132i	-4.9410-2.1191i	0.9581+0.5454i	0.2102+0.1229i	0.1457-0.0208i	0.1546-0.2510i	0.0024+0.0794i
70.5	-14.2673-10.9319i	-37.3445-16.5112i	-4.8527-2.2256i	0.9980+0.5643i	0.2168+0.1245i	0.1861-0.0617i	0.1706-0.2454i	0.0083+0.1057i
70.6	-14.1962-11.6948i	-37.5411-17.0212i	-4.9771-1.9170i	0.9596+0.5343i	0.2275+0.1214i	0.2510-0.0313i	0.1831-0.2467i	-0.0276+0.0916i
70.7	-14.3675-12.0296i	-37.7877-17.1067i	-5.3245-1.8960i	0.9768+0.5771i	0.2511+0.1366i	0.2429+0.0077i	0.2096-0.2286i	-0.0090+0.0758i
70.8	-14.2812-11.8828i	-37.5052-16.5808i	-5.1049-1.7297i	0.9558+0.6265i	0.2567+0.1426i	0.2424-0.0107i	0.2275-0.2448i	-0.0047+0.0826i
70.9	-14.0881-11.6468i	-37.5402-16.4995i	-5.2022-1.6547i	0.9448+0.5840i	0.2608+0.1295i	0.2663-0.0007i	0.2299-0.2514i	-0.0095+0.0801i
71.0	-13.9066-11.5902i	-37.2255-16.5935i	-5.0890-1.5047i	0.9252+0.5471i	0.2578+0.1325i	0.3229-0.0342i	0.2539-0.2498i	-0.0301+0.1033i
71.1	-13.3235-11.3724i	-36.7228-16.5542i	-5.2932-1.4586i	0.9765+0.5376i	0.2651+0.1331i	0.3480-0.0719i	0.2601-0.2465i	-0.0445+0.1218i
71.2	-12.2381-11.7065i	-35.7160-17.0974i	-5.3259-2.1861i	1.0205+0.6273i	0.2797+0.1618i	0.3900-0.0827i	0.2800-0.2058i	-0.0611+0.1371i
71.3	-12.6396-11.6262i	-36.1639-16.9172i	-5.4832-1.8494i	1.0656+0.6100i	0.2937+0.1525i	0.4184-0.0946i	0.2772-0.2021i	-0.0581+0.1307i
71.4	-12.5964-11.0612i	-36.2499-16.2532i	-5.4311-1.4876i	1.0078+0.5742i	0.2978+0.1452i	0.4848-0.0626i	0.2921-0.2009i	-0.0897+0.1219i
71.5	-11.8820-11.5120i	-35.6798-16.7530i	-5.5941-1.8086i	1.0102+0.5984i	0.3001+0.1463i	0.5551-0.1303i	0.3092-0.1884i	-0.1171+0.1522i
71.6	-11.6764-11.5171i	-35.6858-16.8835i	-5.7107-1.5727i	1.0079+0.5116i	0.3019+0.1547i	0.5454-0.1981i	0.3037-0.1562i	-0.1275+0.1925i
71.7	-11.4789-11.7809i	-35.0597-16.9581i	-5.8888-1.5779i	1.0295+0.4994i	0.3162+0.1751i	0.6081-0.1990i	0.3187-0.1285i	-0.1636+0.2201i
71.8	-11.2085-11.8857i	-34.9265-17.0072i	-5.8346-1.6395i	1.0526+0.5328i	0.3527+0.1718i	0.6639-0.2963i	0.3707-0.1458i	-0.1508+0.2481i
71.9	-11.3456-11.7228i	-35.3636-16.9543i	-5.7710-1.5642i	1.0170+0.5385i	0.3637+0.1560i	0.6474-0.3375i	0.3906-0.1622i	-0.1237+0.2410i
72.0	-10.9269-11.5688i	-35.0416-16.8922i	-5.7573-1.8302i	1.0356+0.5715i	0.3849+0.1615i	0.7013-0.3719i	0.4096-0.1401i	-0.1438+0.2710i
72.1	-10.4152-11.5350i	-34.3017-16.7274i	-5.7744-1.4724i	1.0206+0.5202i	0.3741+0.1754i	0.7346-0.3990i	0.4216-0.1232i	-0.1545+0.2939i
72.2	-10.3688-11.7804i	-34.6713-16.7903i	-5.7362-1.1986i	0.9895+0.5424i	0.3890+0.1513i	0.7033-0.4683i	0.4495-0.1399i	-0.1259+0.3321i
72.3	-9.8322-11.8316i	-34.2959-17.1171i	-5.8895-1.3118i	0.9964+0.5332i	0.4131+0.1676i	0.6830-0.4956i	0.4720-0.1100i	-0.0992+0.3382i
72.4	-9.2801-12.1569i	-34.0036-17.3422i	-5.9952-1.2938i	1.0058+0.4932i	0.4300+0.1743i	0.6504-0.5920i	0.4826-0.0872i	-0.0785+0.3793i
72.5	-9.3206-11.7524i	-34.1611-16.8838i	-5.8841-1.3690i	0.9254+0.5360i	0.4497+0.1750i	0.6545-0.6347i	0.5152-0.1006i	-0.0775+0.3953i
72.6	-9.1803-11.7993i	-33.8283-16.6458i	-6.2314-1.3595i	0.9525+0.5516i	0.4753+0.1859i	0.7257-0.6821i	0.5657-0.0668i	-0.0812+0.4427i
72.7	-9.1160-11.9671i	-33.8683-16.9690i	-6.4364-1.0573i	1.0359+0.5045i	0.4830+0.1531i	0.6725-0.7781i	0.5702-0.0797i	-0.0668+0.4712i
72.8	-8.6020-11.7991i	-33.2863-16.7881i	-6.7572-1.3176i	0.9960+0.5835i	0.4933+0.1664i	0.6955-0.8214i	0.5873-0.0854i	-0.0774+0.4851i
72.9	-7.8061-11.4846i	-32.8672-16.3140i	-6.5688-1.1521i	0.9766+0.5423i	0.5073+0.1631i	0.6506-0.8671i	0.6252-0.0846i	-0.0340+0.5031i
73.0	-7.4714-12.2083i	-32.7467-16.8627i	-6.8080-0.8384i	0.9764+0.5238i	0.5363+0.1759i	0.6196-0.9101i	0.6681-0.0603i	-0.0174+0.5101i
73.1	-7.1573-12.7269i	-32.2774-17.2772i	-6.7437-0.6139i	0.9710+0.5601i	0.5563+0.1707i	0.6164-0.9668i	0.6934-0.0634i	-0.0059+0.5476i
73.2	-6.9470-12.1624i	-31.9423-16.7139i	-6.6131-0.3662i	0.9115+0.5766i	0.5599+0.1578i	0.5906-0.9603i	0.6881-0.0787i	0.0042+0.5504i
73.3	-6.6120-12.3978i	-31.6854-16.8927i	-7.2597-0.4642i	0.9528+0.6030i	0.6036+0.1710i	0.5875-1.0821i	0.7401-0.0774i	0.0317+0.6002i
73.4	-6.0673-12.9413i	-31.5873-17.3758i	-7.3145-0.1106i	1.0611+0.5709i	0.6190+0.1323i	0.4589-1.0861i	0.7305-0.1205i	0.0978+0.5622i
73.5	-5.6294-13.1240i	-31.5093-17.7039i	-6.9294-0.0325i	0.9062+0.6647i	0.6491+0.1139i	0.4298-1.0969i	0.7883-0.1335i	0.1367+0.5794i
73.6	-5.1659-13.4139i	-30.9138-17.8376i	-6.9071-0.0501i	0.9026+0.7560i	0.6557+0.1490i	0.4388-1.1478i	0.8183-0.1162i	0.1585+0.6157i
73.7	-5.0303-13.9003i	-30.7010-18.2145i	-7.2460-0.0266i	0.9714+0.7180i	0.7052+0.1359i	0.3988-1.2000i	0.8798-0.1229i	0.2086+0.6428i
73.8	-4.9951-14.0305i	-30.8794-18.5629i	-7.3402+0.4548i	0.9084+0.6336i	0.7238+0.1144i	0.3309-1.2030i	0.8947-0.1243i	0.2321+0.6071i
73.9	-5.1651-13.7499i	-30.7425-17.7363i	-7.2919+0.6897i	0.8565+0.6975i	0.7485+0.0821i	0.2694-1.2544i	0.9482-0.1534i	0.2922+0.6121i
74.0	-3.4894-13.8105i	-29.2404-17.7915i	-7.3766+0.0626i	0.9083+0.7719i	0.7767+0.1027i	0.3121-1.3637i	0.9720-0.1469i	0.3010+0.6637i
74.1	-2.9508-14.2094i	-29.6108-18.2226i	-7.4784+0.2424i	0.8786+0.7534i	0.8006+0.0962i	0.2718-1.3415i	1.0111-0.1507i	0.3252+0.6408i
74.2	-3.5029-14.2503i	-30.4147-17.9871i	-7.5767+0.7109i	0.9094+0.7053i	0.7982+0.0429i	0.1971-1.3002i	0.9941-0.1826i	0.3540+0.5906i
74.3	-2.9981-14.7514i	-29.9105-18.3301i	-7.9352+0.7175i	0.9531+0.7517i	0.8650+0.0204i	0.1220-1.3424i	1.0610-0.2103i	0.4056+0.5842i
74.4	-2.3852-15.2411i	-29.4011-18.5785i	-8.3251+0.7544i	0.9675+0.7313i	0.8995+0.0201i	0.0564-1.3520i	1.0901-0.2007i	0.4511+0.5720i
74.5	-1.5485-15.5202i	-28.5056-19.0510i	-8.1798+1.0811i	0.8271+0.7117i	0.9150+0.0281i	0.0779-1.3962i	1.1244-0.1906i	0.4707+0.5709i
74.6	-1.3910-15.8993i	-28.2089-19.3672i	-8.0033+1.4537i	0.7844+0.8913i	0.9593+0.0028i	0.0570-1.4914i	1.2040-0.2376i	0.5192+0.5938i
74.7	-1.1016-15.9098i	-27.9470-19.7436i	-8.0378+1.8555i	0.7331+1.0305i	0.9909+0.0158i	0.0034-1.5647i	1.2428-0.2469i	0.5622+0.5768i
74.8	-0.9419-16.3096i	-28.1556-20.1919i	-8.0881+2.0765i	0.7282+0.9603i	1.0201-0.0201i	-0.0978-1.5614i	1.2607-0.2820i	0.5826+0.5143i
74.9	-1.6336-16.1596i	-28.8727-19.7580i	-8.3168+2.1381i	0.8244+0.9365i	1.0355-0.1145i	-0.2410-1.5025i	1.2359-0.3678i	0.5925+0.4485i

75.0	-0.6722-16.3507i	-27.7366-19.6848i	-8.4659+2.6673i	0.7819+0.9132i	1.0601-0.1047i	-0.1992-1.5027i	1.2523-0.3504i	0.5765+0.4412i
75.1	0.7330-16.5053i	-26.6146-19.8782i	-8.5987+2.6717i	0.6947+1.0131i	1.0952-0.1091i	-0.1813-1.6029i	1.2989-0.3590i	0.5879+0.4640i
75.2	1.2631-16.5802i	-26.3979-19.9126i	-8.2609+2.3238i	0.7619+1.2073i	1.1182-0.1252i	-0.2214-1.6002i	1.3162-0.3703i	0.5895+0.4421i
75.3	0.2767-17.0072i	-27.4388-19.9650i	-8.6013+3.1366i	0.7547+1.1719i	1.1703-0.2013i	-0.3462-1.6038i	1.3670-0.4318i	0.6207+0.4283i
75.4	0.4908-18.7964i	-27.5836-21.4352i	-8.7715+3.7957i	0.8755+1.2671i	1.2013-0.2567i	-0.4340-1.6740i	1.3731-0.5110i	0.6707+0.4186i
75.5	1.0529-19.6367i	-27.2610-22.0343i	-8.3756+4.0906i	0.8325+1.3015i	1.2249-0.2923i	-0.4996-1.6762i	1.3923-0.5326i	0.6875+0.3713i
75.6	1.2095-18.9821i	-26.7448-20.9652i	-8.2241+4.2258i	0.7690+1.3048i	1.2303-0.3265i	-0.5667-1.6271i	1.4192-0.5499i	0.7056+0.3440i
75.7	1.5970-19.0769i	-26.9551-20.8740i	-8.2717+5.1731i	0.7044+1.3673i	1.2616-0.3971i	-0.6813-1.5718i	1.4432-0.6049i	0.7197+0.2879i
75.8	2.7330-19.9792i	-25.7410-21.8461i	-8.1644+5.6215i	0.7163+1.5551i	1.3307-0.4403i	-0.7719-1.7014i	1.5012-0.6609i	0.7782+0.3005i
75.9	3.3724-20.8077i	-25.0915-22.2297i	-8.2404+6.3766i	0.8266+1.6941i	1.3746-0.5300i	-0.8766-1.7407i	1.5535-0.7487i	0.8413+0.2802i
76.0	3.1282-21.2987i	-25.4921-22.9116i	-7.6182+6.1732i	1.0117+1.7180i	1.3494-0.5816i	-0.9834-1.6133i	1.4850-0.7857i	0.8005+0.1937i
76.1	2.5887-20.5639i	-26.3913-21.9600i	-8.2516+6.1602i	0.9434+1.5728i	1.3653-0.6084i	-0.9838-1.5388i	1.5008-0.7440i	0.7929+0.1828i
76.2	2.4935-22.0464i	-26.5037-22.9031i	-8.0618+7.0386i	0.7356+1.8072i	1.4203-0.7060i	-1.0740-1.5022i	1.5850-0.8185i	0.8122+0.1090i
76.3	1.7486-23.8350i	-26.7151-24.2060i	-7.4727+7.5684i	0.8844+2.0721i	1.3995-0.7855i	-1.1800-1.4975i	1.5575-0.8920i	0.8400+0.0684i
76.4	3.1861-23.9974i	-25.5970-24.6284i	-7.4137+8.0291i	1.0692+2.0995i	1.3910-0.8261i	-1.2323-1.5696i	1.5484-0.9253i	0.8756+0.0813i
76.5	3.8804-23.9573i	-25.2376-23.7240i	-7.0897+8.4221i	1.1369+2.1024i	1.3624-0.8984i	-1.2233-1.4929i	1.5206-0.9766i	0.8384+0.0506i
76.6	4.4352-23.8623i	-25.2797-23.5280i	-7.0726+8.6789i	1.0450+2.1223i	1.3797-0.9421i	-1.2080-1.4142i	1.5522-0.9665i	0.8039+0.0150i
76.7	3.8049-24.0807i	-25.9991-24.0026i	-6.5936+8.5786i	1.2029+2.1486i	1.3684-1.0319i	-1.3496-1.3813i	1.5399-0.9955i	0.8254-0.0406i
76.8	4.3784-25.3815i	-25.5312-25.0988i	-6.2152+9.1640i	1.5264+2.3639i	1.3765-1.1466i	-1.4730-1.4029i	1.5436-1.1224i	0.8318-0.0908i
76.9	4.1383-26.4442i	-25.6195-25.1455i	-5.9600+10.0270i	1.6346+2.4276i	1.3378-1.2155i	-1.5269-1.3834i	1.5389-1.2000i	0.8381-0.1256i
77.0	4.4422-27.5231i	-25.4376-25.7765i	-5.7025+10.3883i	1.6422+2.3612i	1.3324-1.2364i	-1.5874-1.3656i	1.5613-1.1748i	0.8568-0.1787i
77.1	3.6632-27.8053i	-25.8873-26.1561i	-5.5717+10.3915i	1.7235+2.3803i	1.3156-1.2880i	-1.6351-1.3054i	1.5474-1.1671i	0.8172-0.2261i
77.2	2.9013-27.4716i	-26.3435-25.6990i	-4.9909+10.5438i	1.8439+2.3501i	1.2617-1.3338i	-1.6653-1.2488i	1.4960-1.2104i	0.7746-0.2672i
77.3	3.2825-29.4162i	-26.1145-27.0961i	-3.6394+11.2720i	2.1083+2.7052i	1.1977-1.4827i	-1.8518-1.1778i	1.4673-1.3916i	0.7489-0.4000i
77.4	3.9701-29.6727i	-25.8573-27.2099i	-3.6578+11.3301i	2.3214+2.6215i	1.1847-1.5068i	-1.8615-1.1808i	1.5014-1.3948i	0.7142-0.3958i
77.5	3.0578-30.0838i	-26.4624-27.2059i	-2.8709+11.1046i	2.5054+2.4479i	1.1433-1.5283i	-1.9258-1.0643i	1.4563-1.3970i	0.6499-0.4079i
77.6	2.9928-30.6756i	-26.8878-27.2536i	-2.2204+11.2443i	2.6176+2.4102i	1.0957-1.6123i	-2.0502-1.0121i	1.4333-1.4717i	0.6506-0.4254i
77.7	1.8155-30.5804i	-27.7616-26.6584i	-1.3569+11.5828i	2.7371+2.4630i	1.0081-1.6843i	-2.1187-0.8795i	1.3595-1.5350i	0.6221-0.4519i
77.8	2.2802-30.8391i	-26.9705-27.2024i	-0.9963+11.6740i	2.8129+2.3799i	0.9713-1.6950i	-2.1573-0.8145i	1.3466-1.5228i	0.5732-0.4990i
77.9	1.8770-32.2350i	-27.1143-27.6526i	-0.3277+12.0186i	2.9482+2.2548i	0.9037-1.7556i	-2.2178-0.7040i	1.2964-1.5568i	0.4990-0.5303i
78.0	2.4341-32.9104i	-26.9523-28.1956i	0.1749+12.1408i	2.9555+2.2624i	0.8782-1.7967i	-2.2485-0.6476i	1.3134-1.5633i	0.4098-0.5187i
78.1	3.4478-33.1519i	-26.0671-27.8799i	0.1966+12.0393i	3.0311+2.1711i	0.8068-1.8165i	-2.2888-0.6009i	1.3202-1.5405i	0.4071-0.5478i
78.2	3.0463-33.8200i	-26.3512-27.8912i	0.5751+12.2856i	3.2250+2.1576i	0.7491-1.8400i	-2.3882-0.5337i	1.2975-1.5675i	0.3784-0.5639i
78.3	1.7770-33.6601i	-27.4857-27.6977i	1.2400+11.5335i	3.3704+1.9023i	0.6952-1.9058i	-2.4489-0.3108i	1.2964-1.5732i	0.3008-0.5366i
78.4	1.5108-32.3243i	-27.1486-26.8830i	2.2693+11.3726i	3.4055+1.8119i	0.5936-1.9021i	-2.4298-0.1933i	1.2458-1.5023i	0.2695-0.4958i
78.5	1.6418-32.8883i	-27.1730-26.9263i	2.8644+11.1017i	3.5864+1.6831i	0.5147-1.9127i	-2.4042-0.0595i	1.2114-1.5342i	0.2186-0.4673i
78.6	1.0372-33.0045i	-27.5806-26.9185i	4.3647+10.6974i	3.8841+1.6147i	0.4195-1.8817i	-2.3875+0.1717i	1.1592-1.5840i	0.1322-0.4693i
78.7	0.5795-33.3623i	-27.4872-26.9904i	4.9849+10.4894i	3.9058+1.3021i	0.4309-1.7941i	-2.3397+0.3526i	1.1401-1.5202i	0.0333-0.4502i
78.8	-0.4354-32.7331i	-27.5583-25.9888i	5.4600+9.3124i	3.7407+0.6945i	0.4419-1.7191i	-2.1553+0.4334i	1.1006-1.3742i	-0.0351-0.3584i
78.9	1.2970-31.1700i	-26.3465-24.5441i	5.1413+7.9066i	3.2961+0.2006i	0.5585-1.6639i	-1.9338+0.4328i	1.1789-1.1784i	-0.0619-0.2412i
79.0	4.8311-31.5622i	-23.9394-24.6030i	3.8287+6.8622i	2.5571+0.3847i	0.7280-1.7381i	-1.8998+0.2120i	1.4570-1.0576i	0.0122-0.1480i
79.1	5.2879-34.7257i	-23.1727-26.5184i	2.2988+8.3044i	2.2075+1.2446i	0.6899-2.0162i	-2.0899+0.0847i	1.7628-1.3092i	0.0777-0.1123i
79.2	4.0224-37.5825i	-23.6617-28.3343i	3.0689+10.0992i	2.7712+1.7417i	0.5375-2.1993i	-2.3925+0.3505i	1.9154-1.6990i	0.0731-0.2058i
79.3	3.2871-38.9742i	-24.4700-29.3181i	3.6320+10.2192i	3.1229+1.7049i	0.5182-2.2226i	-2.4313+0.5537i	1.9372-1.8421i	0.0173-0.1736i
79.4	3.4748-39.0646i	-23.9396-29.6659i	4.4271+10.1313i	3.3441+1.5789i	0.4737-2.1667i	-2.3644+0.6536i	1.8614-1.9291i	-0.0044-0.1268i
79.5	2.6926-39.9507i	-24.3053-30.1602i	4.8412+9.6708i	3.3592+1.2947i	0.4099-2.1732i	-2.2344+0.8195i	1.7544-2.0462i	-0.0571-0.0570i
79.6	1.2255-40.3508i	-24.9860-30.4161i	6.1913+9.5061i	3.2777+1.2641i	0.3424-2.2435i	-2.1588+1.0668i	1.7341-2.2098i	-0.0665+0.0352i
79.7	0.7693-40.2184i	-24.9077-29.7092i	6.6862+9.7656i	3.3804+1.1050i	0.2668-2.2353i	-2.1060+1.0880i	1.5837-2.2895i	0.0306+0.0835i
79.8	0.1480-41.0807i	-24.7427-30.0662i	6.9792+9.5499i	3.4205+0.9246i	0.2232-2.2874i	-2.0437+1.1800i	1.5324-2.4007i	0.0961+0.1011i
79.9	-0.2204-42.0036i	-24.9643-30.7705i	8.3591+8.6332i	3.4896+0.6595i	0.1866-2.4020i	-1.9470+1.3785i	1.5042-2.4828i	0.1178+0.1919i
80.0	-0.3514-41.8243i	-24.7553-30.5923i	8.7154+8.5049i	3.5385+0.7024i	0.1060-2.4306i	-1.7640+1.4082i	1.3889-2.5742i	0.1449+0.2282i

2.1.110 Run 11 – IP000NVP – Accels 9–16

In-plane shaking at 0° with no vertical shake plate. Accelerometers 9–16.

f (Hz)	acc9 ($g/lb \times 10^{-3}$)	acc10 ($g/lb \times 10^{-3}$)	acc11 ($g/lb \times 10^{-3}$)	acc12 ($g/lb \times 10^{-3}$)	acc13 ($g/lb \times 10^{-3}$)	acc14 ($g/lb \times 10^{-3}$)	acc15 ($g/lb \times 10^{-3}$)	acc16 ($g/lb \times 10^{-3}$)
0.0	5.2616+0.0000i	--	-5.1429+0.0000i	13.2826+0.0000i	8.5181+0.0000i	2.3405+0.0000i	0.5966+0.0000i	18.9012+0.0000i
0.1	5.6357+4.8983i	--	-3.6947-1.9775i	12.6099-0.5307i	9.6120-1.3524i	2.2956-0.5255i	0.0604-1.3118i	18.2538-1.7786i
0.2	1.9510-9.6307i	--	0.0360-3.7060i	-4.4869-2.9123i	4.6324-4.2896i	-6.1621-1.9819i	-4.0529+0.5100i	-2.7905-0.1405i
0.3	2.6879+1.8268i	--	0.3651+0.0356i	1.0289+0.0859i	1.2596-0.6427i	-1.9513-2.3818i	0.0869+0.3917i	0.1086-0.9709i
0.4	1.9501+0.6076i	--	-0.1145-0.1813i	-0.1024-1.3030i	0.7987-0.1225i	-0.3374-0.9749i	-0.1270-1.2483i	0.6289-0.8592i
0.5	-2.1100-0.8353i	--	-0.5517-0.1680i	-0.9084-0.8036i	1.1550-0.5899i	-0.8996-1.0712i	0.0340-0.7535i	1.0380+0.6792i
0.6	0.2234-0.3856i	--	-0.1037+0.0627i	0.0365+0.0982i	0.0673+0.3113i	0.0172-0.0792i	-0.0380+0.0974i	0.0124+0.1438i
0.7	-0.0078-0.1438i	--	-0.0364+0.0249i	-0.0223+0.0237i	-0.0714+0.0286i	-0.0415-0.0482i	-0.0283+0.0192i	0.0151-0.0313i
0.8	0.0623-0.0241i	--	-0.0752+0.0244i	-0.0234+0.0290i	-0.0100+0.0075i	-0.0696-0.0261i	-0.0268+0.0346i	-0.0045-0.0033i
0.9	0.0835-0.0178i	--	-0.0896-0.0023i	-0.0175+0.0097i	-0.0265+0.0562i	-0.0286-0.0516i	-0.0201+0.0165i	-0.0166+0.0093i
1.0	-0.0161-0.0766i	--	-0.1109-0.0137i	0.0282-0.0103i	-0.0367+0.0351i	-0.1043-0.0532i	0.0317+0.0046i	-0.0340-0.0096i
1.1	-0.0293-0.0602i	--	-0.1282-0.0138i	0.0108-0.0089i	-0.0810-0.0646i	-0.1678-0.0045i	0.0282-0.0101i	-0.0532-0.0002i
1.2	-0.0499+0.0085i	--	-0.1594-0.0131i	0.0569-0.0298i	-0.0700+0.0016i	-0.2021-0.0120i	0.0632-0.0317i	-0.0565-0.0031i
1.3	-0.0409+0.0632i	--	-0.2050-0.0390i	0.0145-0.0965i	-0.0746+0.0133i	-0.2165-0.0017i	0.0080-0.0972i	-0.0569-0.0074i
1.4	0.0632+0.0248i	--	-0.3304-0.0325i	-0.2375-0.0033i	-0.0652-0.0033i	-0.2329-0.0319i	-0.2398+0.0133i	-0.0807-0.0143i
1.5	0.0342-0.0623i	--	-0.3730+0.0528i	-0.0639+0.3578i	-0.0937-0.0127i	-0.3409-0.0841i	-0.0527+0.3644i	-0.0998-0.0041i
1.6	-0.0256-0.0390i	--	-0.4069+0.0073i	0.3002+0.1940i	-0.1099-0.0327i	-0.5045-0.0673i	0.3061+0.1813i	-0.1194-0.0063i
1.7	-0.0043-0.0159i	--	-0.5572-0.0288i	0.2031+0.0259i	-0.1291-0.0403i	-0.6127-0.0403i	0.2058+0.0188i	-0.1441-0.0104i
1.8	0.0083-0.0238i	--	-0.7801+0.0010i	0.1718-0.0135i	-0.1722-0.0350i	-0.8126-0.0069i	0.1768-0.0175i	-0.1849-0.0060i
1.9	0.0218-0.0461i	--	-1.0177+0.0335i	0.1890-0.0567i	-0.2095-0.0332i	-1.0431+0.0283i	0.1950-0.0613i	-0.2293-0.0008i
2.0	0.0470-0.0981i	--	-1.3893-0.0077i	0.2514-0.1509i	-0.2682-0.0493i	-1.4154-0.0015i	0.2569-0.1567i	-0.2955-0.0102i
2.1	0.0028-0.1706i	--	-1.7979+0.0758i	0.1947-0.2839i	-0.3348-0.0449i	-1.8115+0.0927i	0.2006-0.2898i	-0.3660+0.0022i
2.2	-0.2453-0.1674i	--	-3.0446+0.4187i	-0.1731-0.2952i	-0.5249-0.0352i	-2.9983+0.4293i	-0.1507-0.2926i	-0.5754+0.0545i
2.3	-0.2346+0.1730i	--	-2.8850+3.5993i	-0.1482+0.1157i	-0.6366+0.4042i	-2.8555+3.5317i	-0.1118+0.0808i	-0.5710+0.5708i
2.4	0.1193+0.0139i	--	3.9855+1.7302i	-0.0030-0.1153i	0.3831+0.3707i	3.9148+1.7470i	-0.0476-0.1414i	0.5395+0.2923i
2.5	0.0605-0.0050i	--	2.7294+0.7253i	-0.0314-0.0702i	0.2496+0.1886i	2.6859+0.7424i	-0.0652-0.0831i	0.3276+0.1225i
2.6	0.0349-0.0067i	--	2.0424+0.3561i	-0.0347-0.0431i	0.1535+0.1200i	2.0086+0.3719i	-0.0615-0.0525i	0.2059+0.0604i
2.7	0.0199-0.0079i	--	1.6051+0.2145i	-0.0331-0.0315i	0.0764+0.0754i	1.5745+0.2257i	-0.0532-0.0373i	0.1238+0.0340i
2.8	0.0139-0.0061i	--	1.3766+0.1678i	-0.0295-0.0236i	0.0384+0.0649i	1.3490+0.1771i	-0.0470-0.0297i	0.0758+0.0261i
2.9	0.0117-0.0036i	--	1.2150+0.1570i	-0.0252-0.0190i	0.0052+0.0608i	1.1896+0.1657i	-0.0417-0.0254i	0.0368+0.0266i
3.0	0.0096-0.0029i	--	1.0965+0.1302i	-0.0231-0.0162i	-0.0264+0.0555i	1.0717+0.1374i	-0.0378-0.0216i	0.0044+0.0212i
3.1	0.0084-0.0038i	--	1.0144+0.1030i	-0.0211-0.0145i	-0.0491+0.0433i	0.9922+0.1099i	-0.0355-0.0193i	-0.0212+0.0140i
3.2	0.0070-0.0040i	--	0.9417+0.0969i	-0.0194-0.0135i	-0.0702+0.0389i	0.9209+0.1030i	-0.0332-0.0184i	-0.0483+0.0137i
3.3	0.0061-0.0026i	--	0.8912+0.0883i	-0.0196-0.0100i	-0.0933+0.0363i	0.8714+0.0950i	-0.0309-0.0147i	-0.0703+0.0125i
3.4	0.0056-0.0020i	--	0.8316+0.0823i	-0.0191-0.0092i	-0.1248+0.0366i	0.8115+0.0886i	-0.0295-0.0140i	-0.1019+0.0116i
3.5	0.0050-0.0022i	--	0.7974+0.0802i	-0.0185-0.0099i	-0.1459+0.0364i	0.7779+0.0856i	-0.0289-0.0147i	-0.1227+0.0123i
3.6	0.0051-0.0016i	--	0.7680+0.0759i	-0.0169-0.0081i	-0.1644+0.0340i	0.7485+0.0809i	-0.0262-0.0130i	-0.1445+0.0113i
3.7	0.0048-0.0007i	--	0.7400+0.0715i	-0.0154-0.0063i	-0.1888+0.0323i	0.7206+0.0757i	-0.0242-0.0107i	-0.1693+0.0085i
3.8	0.0049-0.0011i	--	0.7142+0.0665i	-0.0146-0.0063i	-0.2158+0.0294i	0.6947+0.0712i	-0.0237-0.0104i	-0.1971+0.0051i
3.9	0.0058-0.0008i	--	0.6918+0.0654i	-0.0122-0.0053i	-0.2427+0.0272i	0.6732+0.0715i	-0.0225-0.0101i	-0.2260+0.0059i
4.0	0.0065-0.0005i	--	0.6724+0.0639i	-0.0118-0.0062i	-0.2690+0.0225i	0.6531+0.0693i	-0.0211-0.0112i	-0.2511+0.0036i
4.1	0.0073-0.0003i	--	0.6525+0.0678i	-0.0104-0.0048i	-0.3027+0.0269i	0.6332+0.0733i	-0.0186-0.0107i	-0.2850+0.0065i
4.2	0.0080-0.0005i	--	0.6408+0.0686i	-0.0097-0.0049i	-0.3250+0.0270i	0.6217+0.0736i	-0.0172-0.0102i	-0.3104+0.0095i
4.3	0.0101-0.0009i	--	0.6246+0.0715i	-0.0076-0.0070i	-0.3654+0.0343i	0.6043+0.0784i	-0.0153-0.0113i	-0.3491+0.0118i
4.4	0.0095-0.0025i	--	0.6109+0.0800i	-0.0079-0.0104i	-0.4033+0.0432i	0.5902+0.0865i	-0.0156-0.0161i	-0.3844+0.0175i
4.5	0.0059-0.0029i	--	0.6058+0.0793i	-0.0118-0.0120i	-0.4296+0.0393i	0.5868+0.0852i	-0.0191-0.0172i	-0.4141+0.0179i
4.6	0.0066+0.0001i	--	0.5979+0.0831i	-0.0115-0.0073i	-0.4668+0.0464i	0.5783+0.0899i	-0.0184-0.0130i	-0.4560+0.0212i
4.7	0.0081-0.0009i	--	0.5865+0.0864i	-0.0100-0.0065i	-0.5117+0.0526i	0.5663+0.0940i	-0.0173-0.0138i	-0.5006+0.0260i
4.8	0.0117-0.0016i	--	0.5757+0.0868i	-0.0087-0.0072i	-0.5649+0.0495i	0.5550+0.0950i	-0.0147-0.0136i	-0.5524+0.0270i
4.9	0.0128-0.0007i	--	0.5649+0.0934i	-0.0072-0.0070i	-0.6131+0.0486i	0.5447+0.1007i	-0.0132-0.0137i	-0.5975+0.0270i
5.0	0.0140-0.0004i	--	0.5612+0.0998i	-0.0064-0.0084i	-0.6638+0.0572i	0.5404+0.1083i	-0.0115-0.0155i	-0.6529+0.0387i
5.1	0.0159-0.0001i	--	0.5526+0.1111i	-0.0047-0.0093i	-0.7249+0.0730i	0.5312+0.1195i	-0.0092-0.0173i	-0.7133+0.0517i
5.2	0.0182-0.0007i	--	0.5417+0.1211i	-0.0044-0.0127i	-0.8016+0.0841i	0.5203+0.1285i	-0.0086-0.0191i	-0.7884+0.0615i
5.3	0.0190-0.0017i	--	0.5388+0.1334i	-0.0041-0.0131i	-0.8638+0.1059i	0.5185+0.1417i	-0.0071-0.0198i	-0.8512+0.0812i
5.4	0.0211-0.0054i	--	0.5352+0.1511i	-0.0028-0.0196i	-0.9487+0.1340i	0.5142+0.1614i	-0.0034-0.0268i	-0.9351+0.1060i
5.5	0.0224-0.0079i	--	0.5371+0.1673i	-0.0064-0.0272i	-1.0180+0.1502i	0.5154+0.1799i	-0.0052-0.0336i	-1.0082+0.1259i
5.6	0.0254-0.0096i	--	0.5545+0.1797i	-0.0071-0.0306i	-1.1170+0.1872i	0.5355+0.1946i	-0.0075-0.0379i	-1.1121+0.1642i

5.7	0.0268-0.0104i	--	0.5569+0.1871i	-0.0077-0.0334i	-1.1975+0.2111i	0.5375+0.2020i	-0.0072-0.0421i	-1.1876+0.1920i
5.8	0.0273-0.0121i	--	0.5662+0.2141i	-0.0147-0.0365i	-1.2895+0.2834i	0.5468+0.2287i	-0.0132-0.0464i	-1.2763+0.2575i
5.9	0.0284-0.0156i	--	0.6083+0.2303i	-0.0233-0.0416i	-1.3363+0.3297i	0.5918+0.2455i	-0.0234-0.0508i	-1.3330+0.3029i
6.0	0.0253-0.0170i	--	0.6327+0.2365i	-0.0362-0.0412i	-1.4364+0.3673i	0.6167+0.2528i	-0.0347-0.0511i	-1.4303+0.3404i
6.1	0.0241-0.0139i	--	0.6505+0.2253i	-0.0463-0.0349i	-1.5571+0.3985i	0.6338+0.2417i	-0.0436-0.0445i	-1.5490+0.3699i
6.2	0.0228-0.0111i	--	0.6666+0.2150i	-0.0543-0.0285i	-1.6990+0.3922i	0.6498+0.2291i	-0.0497-0.0374i	-1.6891+0.3654i
6.3	0.0257-0.0077i	--	0.6753+0.1994i	-0.0570-0.0179i	-1.9047+0.4000i	0.6596+0.2127i	-0.0507-0.0273i	-1.8967+0.3777i
6.4	0.0338-0.0043i	--	0.6696+0.1870i	-0.0565-0.0120i	-2.2006+0.4454i	0.6531+0.2001i	-0.0446-0.0212i	-2.1865+0.4342i
6.5	0.0427-0.0055i	--	0.6901+0.1944i	-0.0586-0.0087i	-2.4832+0.5722i	0.6733+0.2090i	-0.0420-0.0192i	-2.4696+0.5596i
6.6	0.0497-0.0117i	--	0.7180+0.1891i	-0.0628-0.0064i	-2.8027+0.7453i	0.7007+0.2029i	-0.0408-0.0180i	-2.7876+0.7342i
6.7	0.0604-0.0152i	--	0.7425+0.1876i	-0.0659-0.0010i	-3.2877+0.9199i	0.7213+0.2000i	-0.0373-0.0157i	-3.2654+0.9110i
6.8	0.0701-0.0231i	--	0.7689+0.1792i	-0.0724+0.0055i	-3.7947+1.4090i	0.7451+0.1950i	-0.0378-0.0156i	-3.7665+1.3919i
6.9	0.0883-0.0368i	--	0.8053+0.1529i	-0.0842+0.0148i	-4.7288+2.2204i	0.7766+0.1734i	-0.0390-0.0167i	-4.6925+2.2005i
7.0	0.1068-0.0620i	--	0.8447+0.1141i	-0.0930+0.0337i	-5.5942+3.6582i	0.8119+0.1408i	-0.0357-0.0187i	-5.5496+3.6298i
7.1	0.1017-0.1243i	--	0.8855+0.0099i	-0.0895+0.0802i	-5.1777+7.1228i	0.8548+0.0528i	-0.0358-0.0217i	-5.1334+7.0571i
7.2	0.0446-0.1541i	--	0.8111-0.0923i	-0.0377+0.1303i	-1.7588+8.9782i	0.7963-0.0430i	-0.0328+0.0049i	-1.7350+8.8964i
7.3	0.0008-0.1505i	--	0.6972-0.0973i	0.0365+0.1001i	1.2271+8.0669i	0.6932-0.0503i	-0.0024-0.0109i	1.2282+7.9938i
7.4	-0.0520-0.1340i	--	0.6194-0.0416i	0.0457+0.0184i	3.6330+6.0747i	0.6306-0.0002i	-0.0250-0.0658i	3.6066+6.0134i
7.5	-0.0610-0.0860i	--	0.6116+0.0013i	0.0161+0.0058i	3.6144+3.7503i	0.6261+0.0282i	-0.0521-0.0477i	3.5833+3.7142i
7.6	-0.0446-0.0490i	--	0.6167+0.0362i	-0.0007+0.0065i	2.6665+2.1060i	0.6251+0.0525i	-0.0555-0.0235i	2.6444+2.0912i
7.7	-0.0236-0.0398i	--	0.6326+0.0485i	-0.0064+0.0089i	1.7495+1.6915i	0.6376+0.0625i	-0.0488-0.0156i	1.7312+1.6807i
7.8	-0.0043-0.0496i	--	0.6476+0.0623i	-0.0102+0.0102i	0.9712+1.9006i	0.6492+0.0769i	-0.0413-0.0168i	0.9621+1.8911i
7.9	-0.0068-0.0596i	--	0.6470+0.0590i	-0.0166+0.0119i	0.8009+2.1178i	0.6485+0.0726i	-0.0465-0.0171i	0.7987+2.1165i
8.0	-0.0104-0.0571i	--	0.6507+0.0664i	-0.0148+0.0189i	0.7560+1.9852i	0.6543+0.0782i	-0.0447-0.0103i	0.7600+1.9849i
8.1	-0.0052-0.0632i	--	0.6778+0.0662i	-0.0097+0.0117i	0.5243+2.0387i	0.6777+0.0801i	-0.0359-0.0188i	0.5283+2.0346i
8.2	-0.0117-0.0610i	--	0.6912+0.0659i	-0.0162+0.0066i	0.4745+1.8573i	0.6913+0.0789i	-0.0445-0.0181i	0.4845+1.8521i
8.3	-0.0064-0.0563i	--	0.6905+0.0699i	-0.0203+0.0063i	0.1412+1.7209i	0.6896+0.0811i	-0.0426-0.0179i	0.1592+1.7175i
8.4	0.0012-0.0553i	--	0.6997+0.0657i	-0.0248+0.0060i	-0.1693+1.6942i	0.6967+0.0778i	-0.0402-0.0185i	-0.1491+1.6886i
8.5	0.0119-0.0590i	--	0.7200+0.0592i	-0.0322+0.0058i	-0.6810+1.8130i	0.7167+0.0721i	-0.0424-0.0194i	-0.6529+1.8006i
8.6	0.0181-0.0650i	--	0.7348+0.0573i	-0.0405+0.0094i	-1.0802+2.0226i	0.7308+0.0726i	-0.0466-0.0169i	-1.0407+2.0039i
8.7	0.0202-0.0756i	--	0.7389+0.0377i	-0.0450+0.0196i	-1.5229+2.4113i	0.7291+0.0506i	-0.0444-0.0133i	-1.4724+2.3942i
8.8	0.0310-0.0861i	--	0.7531+0.0196i	-0.0545+0.0298i	-2.1164+2.8701i	0.7397+0.0326i	-0.0454-0.0117i	-2.0624+2.8439i
8.9	0.0433-0.1010i	--	0.7526+0.0088i	-0.0547+0.0412i	-2.5463+3.6059i	0.7399+0.0234i	-0.0396-0.0095i	-2.4832+3.5756i
9.0	0.0419-0.1477i	--	0.7538-0.0162i	-0.0493+0.0576i	-2.6459+5.0653i	0.7401+0.0007i	-0.0339-0.0125i	-2.5792+5.0139i
9.1	0.0213-0.1686i	--	0.7354-0.0254i	-0.0461+0.0639i	-2.3008+5.6146i	0.7210-0.0087i	-0.0360-0.0148i	-2.2358+5.5578i
9.2	0.0279-0.2227i	--	0.7583-0.0418i	-0.0510+0.0917i	-3.3598+7.4193i	0.7320-0.0185i	-0.0284-0.0133i	-3.2776+7.3452i
9.3	-0.0458-0.2991i	--	0.7521-0.0909i	-0.0239+0.1320i	-1.7816+11.0453i	0.7231-0.0499i	-0.0252-0.0216i	-1.7008+10.9204i
9.4	-0.1842-0.3250i	--	0.7075-0.1382i	0.0357+0.1523i	2.4965+13.4940i	0.6901-0.0845i	-0.0268-0.0346i	2.5357+13.3203i
9.5	-0.2925-0.1955i	--	0.6337-0.1205i	0.0893+0.1009i	7.1419+10.6783i	0.6345-0.0688i	-0.0356-0.0439i	7.1188+10.5199i
9.6	-0.2979-0.0810i	--	0.6019-0.0769i	0.0970+0.0489i	8.4930+7.2758i	0.6137-0.0305i	-0.0472-0.0464i	8.4417+7.1433i
9.7	-0.2675-0.0093i	--	0.5923-0.0417i	0.0886+0.0194i	8.3365+5.0682i	0.6082-0.0003i	-0.0530-0.0425i	8.2726+4.9577i
9.8	-0.2301+0.0294i	--	0.5965-0.0201i	0.0738+0.0023i	7.7657+3.7572i	0.6136+0.0170i	-0.0582-0.0408i	7.6968+3.6627i
9.9	-0.1847+0.0585i	--	0.6067-0.0023i	0.0569-0.0113i	7.0278+2.5818i	0.6254+0.0302i	-0.0630-0.0376i	6.9525+2.5060i
10.0	-0.1500+0.0669i	--	0.6160+0.0052i	0.0465-0.0200i	6.4791+1.9884i	0.6357+0.0315i	-0.0649-0.0336i	6.4001+1.9273i
10.1	-0.1232+0.0645i	--	0.6279+0.0087i	0.0325-0.0184i	5.9673+1.6063i	0.6490+0.0313i	-0.0692-0.0286i	5.8813+1.5571i
10.2	-0.0995+0.0631i	--	0.6351+0.0159i	0.0243-0.0108i	5.5224+1.3112i	0.6560+0.0364i	-0.0691-0.0233i	5.4398+1.2721i
10.3	-0.0847+0.0590i	--	0.6414+0.0197i	0.0250-0.0105i	5.2111+1.1867i	0.6594+0.0390i	-0.0638-0.0204i	5.1295+1.1515i
10.4	-0.0633+0.0527i	--	0.6461+0.0217i	0.0286-0.0144i	4.9299+1.0111i	0.6626+0.0396i	-0.0589-0.0221i	4.8357+0.9991i
10.5	-0.0491+0.0419i	--	0.6524+0.0229i	0.0254-0.0196i	4.7378+0.8613i	0.6703+0.0405i	-0.0603-0.0249i	4.6507+0.8642i
10.6	-0.0451+0.0330i	--	0.6535+0.0205i	0.0193-0.0206i	4.5417+0.7598i	0.6723+0.0382i	-0.0637-0.0254i	4.4686+0.7703i
10.7	-0.0400+0.0269i	--	0.6576+0.0195i	0.0127-0.0174i	4.3377+0.6739i	0.6786+0.0354i	-0.0687-0.0230i	4.2714+0.6869i
10.8	-0.0361+0.0208i	--	0.6584+0.0243i	0.0108-0.0168i	4.1868+0.6134i	0.6778+0.0387i	-0.0690-0.0233i	4.1320+0.6288i
10.9	-0.0318+0.0121i	--	0.6640+0.0294i	0.0051-0.0167i	4.0140+0.5428i	0.6839+0.0398i	-0.0725-0.0225i	3.9670+0.5604i
11.0	-0.0311+0.0050i	--	0.6636+0.0328i	0.0019-0.0170i	3.9054+0.5060i	0.6854+0.0390i	-0.0722-0.0213i	3.8630+0.5304i
11.1	-0.0299-0.0066i	--	0.6674+0.0398i	-0.0011-0.0129i	3.7777+0.4608i	0.6887+0.0420i	-0.0721-0.0166i	3.7473+0.4882i
11.2	-0.0331-0.0087i	--	0.6727+0.0378i	-0.0022-0.0143i	3.6945+0.4392i	0.6909+0.0416i	-0.0729-0.0188i	3.6650+0.4705i
11.3	-0.0366-0.0137i	--	0.6798+0.0375i	-0.0046-0.0182i	3.5972+0.3872i	0.6953+0.0420i	-0.0752-0.0239i	3.5706+0.4216i
11.4	-0.0404-0.0152i	--	0.6820+0.0425i	-0.0076-0.0227i	3.5091+0.3558i	0.6967+0.0469i	-0.0782-0.0260i	3.4982+0.3917i
11.5	-0.0406-0.0168i	--	0.6870+0.0401i	-0.0132-0.0240i	3.4406+0.3491i	0.7009+0.0451i	-0.0845-0.0282i	3.4298+0.3796i
11.6	-0.0436-0.0181i	--	0.6888+0.0411i	-0.0232-0.0241i	3.3700+0.3189i	0.7042+0.0465i	-0.0935-0.0276i	3.3633+0.3554i
11.7	-0.0471-0.0170i	--	0.6938+0.0412i	-0.0314-0.0212i	3.3018+0.3111i	0.7096+0.0457i	-0.1014-0.0232i	3.3059+0.3454i
11.8	-0.0485-0.0194i	--	0.7000+0.0410i	-0.0378-0.0137i	3.2321+0.3077i	0.7150+0.0432i	-0.1069-0.0164i	3.2397+0.3356i
11.9	-0.0516-0.0164i	--	0.7062+0.0431i	-0.0416-0.0006i	3.1757+0.2933i	0.7207+0.0439i	-0.1097-0.0047i	3.1791+0.3143i

12.0	-0.0522-0.0122i	--	0.7096+0.0500i	-0.0431+0.0045i	3.1321+0.2864i	0.7247+0.0493i	-0.1110+0.0018i	3.1399+0.3046i
12.1	-0.0502-0.0092i	--	0.7088+0.0496i	-0.0435+0.0160i	3.0853+0.2776i	0.7241+0.0478i	-0.1125+0.0125i	3.0958+0.3007i
12.2	-0.0473-0.0114i	--	0.7126+0.0502i	-0.0353+0.0297i	3.0435+0.2728i	0.7268+0.0474i	-0.1034+0.0228i	3.0535+0.2970i
12.3	-0.0451-0.0133i	--	0.7154+0.0504i	-0.0251+0.0382i	3.0221+0.2605i	0.7278+0.0435i	-0.0940+0.0314i	3.0287+0.2911i
12.4	-0.0436-0.0132i	--	0.7217+0.0503i	-0.0159+0.0377i	2.9898+0.2676i	0.7305+0.0438i	-0.0858+0.0359i	3.0008+0.2921i
12.5	-0.0440-0.0128i	--	0.7257+0.0538i	-0.0078+0.0327i	2.9563+0.2624i	0.7338+0.0474i	-0.0775+0.0331i	2.9697+0.2783i
12.6	-0.0426-0.0153i	--	0.7256+0.0531i	-0.0094+0.0295i	2.9158+0.2464i	0.7332+0.0462i	-0.0773+0.0285i	2.9329+0.2700i
12.7	-0.0421-0.0239i	--	0.7269+0.0567i	-0.0091+0.0307i	2.8880+0.2386i	0.7326+0.0474i	-0.0786+0.0300i	2.9033+0.2665i
12.8	-0.0408-0.0271i	--	0.7275+0.0608i	-0.0041+0.0360i	2.8555+0.2294i	0.7332+0.0477i	-0.0769+0.0326i	2.8728+0.2609i
12.9	-0.0454-0.0338i	--	0.7293+0.0655i	0.0066+0.0420i	2.8284+0.2301i	0.7281+0.0525i	-0.0666+0.0384i	2.8539+0.2600i
13.0	-0.0530-0.0371i	--	0.7304+0.0778i	0.0202+0.0422i	2.7918+0.2225i	0.7249+0.0653i	-0.0559+0.0413i	2.8364+0.2529i
13.1	-0.0630-0.0305i	--	0.7395+0.0863i	0.0394+0.0314i	2.7525+0.2320i	0.7297+0.0758i	-0.0349+0.0310i	2.7953+0.2593i
13.2	-0.0710-0.0253i	--	0.7455+0.0922i	0.0534+0.0161i	2.7370+0.2393i	0.7318+0.0846i	-0.0193+0.0191i	2.7831+0.2630i
13.3	-0.0723-0.0156i	--	0.7564+0.0977i	0.0596-0.0107i	2.7082+0.2653i	0.7383+0.1021i	-0.0156-0.0034i	2.7565+0.2774i
13.4	-0.0683-0.0058i	--	0.7657+0.1058i	0.0537-0.0369i	2.6966+0.2818i	0.7488+0.1192i	-0.0200-0.0293i	2.7381+0.2675i
13.5	-0.0642-0.0041i	--	0.7759+0.1087i	0.0442-0.0477i	2.6912+0.2831i	0.7618+0.1239i	-0.0309-0.0429i	2.7187+0.2707i
13.6	-0.0593-0.0039i	--	0.7875+0.1134i	0.0205-0.0556i	2.6877+0.2951i	0.7813+0.1321i	-0.0529-0.0500i	2.7017+0.2835i
13.7	-0.0535-0.0077i	--	0.8012+0.1149i	0.0039-0.0468i	2.6766+0.2910i	0.8011+0.1310i	-0.0695-0.0438i	2.6779+0.2943i
13.8	-0.0464-0.0105i	--	0.8097+0.1172i	-0.0098-0.0434i	2.6663+0.2867i	0.8135+0.1298i	-0.0845-0.0412i	2.6549+0.3093i
13.9	-0.0437-0.0177i	--	0.8178+0.1154i	-0.0092-0.0423i	2.6614+0.2812i	0.8191+0.1279i	-0.0825-0.0380i	2.6522+0.3227i
14.0	-0.0422-0.0233i	--	0.8281+0.1160i	-0.0044-0.0385i	2.6369+0.2888i	0.8248+0.1280i	-0.0790-0.0331i	2.6383+0.3405i
14.1	-0.0429-0.0259i	--	0.8346+0.1275i	-0.0026-0.0548i	2.6019+0.2944i	0.8315+0.1407i	-0.0770-0.0491i	2.6111+0.3557i
14.2	-0.0438-0.0288i	--	0.8480+0.1417i	-0.0184-0.0858i	2.5733+0.3028i	0.8504+0.1603i	-0.0950-0.0794i	2.5947+0.3755i
14.3	-0.0421-0.0314i	--	0.8669+0.1388i	-0.0533-0.0993i	2.5343+0.3027i	0.8768+0.1599i	-0.1317-0.0933i	2.5678+0.4059i
14.4	-0.0437-0.0386i	--	0.8828+0.1287i	-0.0862-0.0803i	2.5204+0.3356i	0.8975+0.1452i	-0.1668-0.0726i	2.5844+0.4403i
14.5	-0.0437-0.0423i	--	0.8926+0.1180i	-0.0977-0.0557i	2.5226+0.3678i	0.9123+0.1309i	-0.1796-0.0430i	2.5950+0.4631i
14.6	-0.0473-0.0487i	--	0.9017+0.1112i	-0.1016-0.0417i	2.4986+0.3973i	0.9222+0.1217i	-0.1854-0.0313i	2.5805+0.4900i
14.7	-0.0510-0.0664i	--	0.9044+0.1029i	-0.0959-0.0307i	2.4802+0.4145i	0.9214+0.1133i	-0.1836-0.0178i	2.5836+0.5301i
14.8	-0.0637-0.0768i	--	0.9090+0.1004i	-0.1013-0.0198i	2.4667+0.4389i	0.9264+0.1057i	-0.1877-0.0069i	2.5893+0.5711i
14.9	-0.0805-0.0784i	--	0.9109+0.1007i	-0.1099-0.0093i	2.4718+0.4748i	0.9291+0.1040i	-0.1955+0.0063i	2.6403+0.5947i
15.0	-0.1036-0.0704i	--	0.9118+0.1038i	-0.1208+0.0062i	2.4414+0.5253i	0.9269+0.1043i	-0.2047+0.0250i	2.6590+0.6164i
15.1	-0.1204-0.0539i	--	0.9136+0.1097i	-0.1253+0.0222i	2.4033+0.5818i	0.9264+0.1068i	-0.2092+0.0449i	2.6551+0.6281i
15.2	-0.1222-0.0383i	--	0.9138+0.1115i	-0.1230+0.0354i	2.3998+0.6405i	0.9272+0.1066i	-0.2063+0.0637i	2.6532+0.6505i
15.3	-0.1184-0.0303i	--	0.9157+0.1122i	-0.1118+0.0468i	2.4414+0.7235i	0.9290+0.1074i	-0.1931+0.0788i	2.6870+0.6971i
15.4	-0.1129-0.0244i	--	0.9171+0.1243i	-0.1027+0.0547i	2.4653+0.7911i	0.9290+0.1174i	-0.1818+0.0892i	2.7037+0.7442i
15.5	-0.1130-0.0235i	--	0.9262+0.1320i	-0.0978+0.0675i	2.4862+0.8357i	0.9341+0.1232i	-0.1764+0.1024i	2.7120+0.7829i
15.6	-0.1137-0.0203i	--	0.9307+0.1336i	-0.0872+0.0800i	2.5257+0.9073i	0.9387+0.1250i	-0.1602+0.1157i	2.7492+0.8350i
15.7	-0.1118-0.0124i	--	0.9371+0.1423i	-0.0749+0.0871i	2.5586+0.9643i	0.9408+0.1320i	-0.1443+0.1203i	2.7689+0.8719i
15.8	-0.1100-0.0125i	--	0.9419+0.1502i	-0.0730+0.0949i	2.5726+0.9909i	0.9448+0.1383i	-0.1406+0.1242i	2.7650+0.8965i
15.9	-0.1135-0.0175i	--	0.9469+0.1648i	-0.0620+0.0874i	2.6538+1.0587i	0.9511+0.1552i	-0.1259+0.1192i	2.8440+0.9647i
16.0	-0.1162-0.0153i	--	0.9541+0.1849i	-0.0426+0.0854i	2.7270+1.1398i	0.9535+0.1766i	-0.1020+0.1162i	2.9152+1.0424i
16.1	-0.1159-0.0135i	--	0.9694+0.1948i	-0.0270+0.0914i	2.8405+1.1683i	0.9662+0.1877i	-0.0858+0.1223i	3.0206+1.0604i
16.2	-0.1182-0.0104i	--	0.9889+0.2007i	-0.0126+0.0826i	2.9619+1.1605i	0.9829+0.1955i	-0.0715+0.1117i	3.1375+1.0420i
16.3	-0.1256+0.0033i	--	0.9996+0.2065i	-0.0071+0.0812i	3.0158+1.1299i	0.9906+0.2012i	-0.0634+0.1067i	3.1815+0.9954i
16.4	-0.1265+0.0190i	--	1.0044+0.2151i	0.0161+0.0672i	3.0335+1.1344i	0.9921+0.2109i	-0.0387+0.0898i	3.1886+0.9859i
16.5	-0.1150+0.0294i	--	1.0059+0.2197i	0.0224+0.0365i	3.0680+1.1253i	0.9928+0.2234i	-0.0320+0.0585i	3.2010+0.9723i
16.6	-0.0819+0.0361i	--	1.0063+0.2380i	0.0152+0.0131i	3.0846+1.1332i	0.9960+0.2483i	-0.0414+0.0324i	3.1653+0.9781i
16.7	-0.0513+0.0057i	--	1.0120+0.2699i	0.0185-0.0134i	3.1042+1.1889i	1.0022+0.2857i	-0.0365+0.0013i	3.1393+1.0916i
16.8	-0.0737-0.0422i	--	1.0354+0.2929i	-0.0201-0.0547i	3.1576+1.2216i	1.0323+0.3119i	-0.0743-0.0408i	3.2603+1.1951i
16.9	-0.0924-0.0312i	--	1.0477+0.3059i	-0.0572-0.0555i	3.1532+1.2691i	1.0454+0.3261i	-0.1115-0.0378i	3.3055+1.2002i
17.0	-0.0865-0.0149i	--	1.0518+0.3417i	-0.0767-0.0259i	3.0859+1.3685i	1.0519+0.3624i	-0.1310-0.0137i	3.2341+1.2568i
17.1	-0.0683-0.0244i	--	1.0689+0.3977i	-0.0754-0.0073i	3.1596+1.5804i	1.0732+0.4156i	-0.1285-0.0044i	3.2533+1.4562i
17.2	-0.0764-0.0801i	--	1.1058+0.4358i	-0.0975-0.0381i	3.2930+1.5617i	1.1185+0.4547i	-0.1512-0.0373i	3.4018+1.5335i
17.3	-0.1079-0.0885i	--	1.1222+0.4724i	-0.1306-0.0283i	3.2470+1.6058i	1.1374+0.4886i	-0.1804-0.0288i	3.4235+1.5990i
17.4	-0.1401-0.0616i	--	1.1791+0.5327i	-0.1576+0.0201i	3.3663+1.8668i	1.1978+0.5428i	-0.2106+0.0118i	3.5961+1.7632i
17.5	-0.1402-0.0583i	--	1.2548+0.5645i	-0.1493+0.0402i	3.6033+1.9879i	1.2730+0.5745i	-0.2068+0.0275i	3.8164+1.8514i
17.6	-0.1456-0.0651i	--	1.3336+0.5897i	-0.1525+0.0482i	3.8141+2.0275i	1.3519+0.5956i	-0.2156+0.0335i	4.0120+1.9091i
17.7	-0.1615-0.0768i	--	1.4088+0.6078i	-0.1597+0.0494i	3.9613+2.0518i	1.4276+0.6124i	-0.2244+0.0272i	4.1726+1.9465i
17.8	-0.1869-0.0786i	--	1.5014+0.5996i	-0.1642+0.0714i	4.2041+2.1084i	1.5220+0.5998i	-0.2337+0.0462i	4.4247+1.9879i
17.9	-0.1950-0.0709i	--	1.5812+0.5932i	-0.1657+0.0805i	4.4084+2.1521i	1.6006+0.5921i	-0.2417+0.0559i	4.6245+2.0132i
18.0	-0.2216-0.0770i	--	1.6542+0.5859i	-0.1898+0.0709i	4.5606+2.1444i	1.6731+0.5883i	-0.2718+0.0457i	4.8189+2.0154i
18.1	-0.2520-0.0651i	--	1.7128+0.5518i	-0.2214+0.0971i	4.6835+2.1170i	1.7333+0.5533i	-0.3100+0.0709i	4.9898+1.9622i
18.2	-0.2764-0.0366i	--	1.7641+0.5169i	-0.2336+0.1358i	4.8938+2.1024i	1.7873+0.5142i	-0.3283+0.1084i	5.2171+1.8873i

18.3	-0.2816-0.0086i	--	1.8143+0.4867i	-0.2234+0.1893i	5.1151+2.1349i	1.8390+0.4782i	-0.3256+0.1624i	5.4073+1.8337i
18.4	-0.2803+0.0210i	--	1.8728+0.4395i	-0.1841+0.2494i	5.4637+2.0850i	1.8931+0.4231i	-0.2923+0.2248i	5.6914+1.6980i
18.5	-0.2913+0.0459i	--	1.9238+0.3945i	-0.1414+0.2820i	5.8374+1.8916i	1.9370+0.3766i	-0.2580+0.2640i	6.0051+1.4665i
18.6	-0.2570+0.0701i	--	1.9483+0.3193i	-0.0415+0.2270i	5.9503+1.3025i	1.9500+0.3070i	-0.1611+0.2233i	5.9459+0.9666i
18.7	-0.2345+0.0551i	--	1.9216+0.2974i	-0.0744+0.1483i	5.5449+1.2191i	1.9280+0.2938i	-0.1811+0.1400i	5.5922+1.0252i
18.8	-0.2417+0.0551i	--	1.9186+0.3107i	-0.1235+0.1430i	5.4156+1.4577i	1.9312+0.3092i	-0.2330+0.1295i	5.5533+1.2700i
18.9	-0.2537+0.0481i	--	1.9667+0.3184i	-0.1512+0.1756i	5.6070+1.6947i	1.9799+0.3127i	-0.2692+0.1588i	5.7770+1.4801i
19.0	-0.2602+0.0398i	--	2.0036+0.3210i	-0.1498+0.2129i	5.8179+1.8495i	2.0145+0.3136i	-0.2721+0.1953i	5.9893+1.6214i
19.1	-0.2673+0.0439i	--	2.0321+0.3171i	-0.1602+0.2361i	6.0585+1.8971i	2.0476+0.3100i	-0.2838+0.2170i	6.2428+1.6625i
19.2	-0.2736+0.0499i	--	2.0716+0.3074i	-0.1627+0.2656i	6.3269+1.9471i	2.0887+0.2968i	-0.2883+0.2444i	6.5159+1.6742i
19.3	-0.2869+0.0557i	--	2.1128+0.3013i	-0.1759+0.2861i	6.5808+1.9697i	2.1315+0.2899i	-0.3072+0.2656i	6.7834+1.6813i
19.4	-0.3055+0.0585i	--	2.1634+0.2810i	-0.1944+0.3386i	6.9302+1.9875i	2.1846+0.2688i	-0.3325+0.3186i	7.1627+1.6585i
19.5	-0.3267+0.0650i	--	2.2002+0.2717i	-0.1849+0.4132i	7.2866+1.9642i	2.2211+0.2521i	-0.3279+0.3940i	7.5494+1.5690i
19.6	-0.3491+0.0814i	--	2.2343+0.2628i	-0.1560+0.4954i	7.6722+1.8874i	2.2537+0.2318i	-0.3083+0.4743i	7.9255+1.4130i
19.7	-0.3671+0.1062i	--	2.2937+0.2660i	-0.0991+0.5772i	8.1161+1.8158i	2.3085+0.2339i	-0.2584+0.5585i	8.3162+1.2557i
19.8	-0.3891+0.1331i	--	2.3569+0.2619i	-0.0003+0.6271i	8.5898+1.6505i	2.3648+0.2296i	-0.1639+0.6093i	8.7029+1.0401i
19.9	-0.3927+0.1667i	--	2.4095+0.2282i	0.1173+0.6214i	8.9421+1.2188i	2.4035+0.1964i	-0.0543+0.6083i	8.9591+0.6120i
20.0	-0.3982+0.1933i	--	2.4499+0.2003i	0.2340+0.6036i	9.3358+0.8302i	2.4344+0.1724i	0.0566+0.5973i	9.2574+0.2295i
20.1	-0.4000+0.2240i	--	2.4695+0.1861i	0.2952+0.5109i	9.5659+0.3792i	2.4533+0.1703i	0.1130+0.5114i	9.4306-0.1443i
20.2	-0.4034+0.2503i	--	2.5044+0.1854i	0.2931+0.4230i	9.7462-0.0391i	2.4961+0.1841i	0.1067+0.4277i	9.6141-0.4690i
20.3	-0.4193+0.2848i	--	2.5521+0.1980i	0.2785+0.3485i	9.9896-0.4602i	2.5561+0.2037i	0.0918+0.3528i	9.8853-0.8401i
20.4	-0.4473+0.3197i	--	2.5970+0.1897i	0.2913+0.3412i	10.2303-0.8365i	2.6109+0.1996i	0.0954+0.3517i	10.1449-1.2188i
20.5	-0.4521+0.3688i	--	2.6474+0.1906i	0.2943+0.3330i	10.4270-1.3282i	2.6781+0.2017i	0.0916+0.3530i	10.3399-1.7069i
20.6	-0.4499+0.4344i	--	2.7077+0.2056i	0.2603+0.3013i	10.5271-1.9731i	2.7547+0.2069i	0.0515+0.3311i	10.4688-2.3426i
20.7	-0.4217+0.4948i	--	2.7753+0.2123i	0.2437+0.3419i	10.3559-2.6125i	2.8282+0.1935i	0.0359+0.3756i	10.3049-3.0227i
20.8	-0.4137+0.5305i	--	2.8564+0.1987i	0.3378+0.4284i	10.1831-3.0742i	2.9012+0.1564i	0.1230+0.4677i	10.1088-3.5575i
20.9	-0.3814+0.6067i	--	2.9843+0.2230i	0.5070+0.4254i	9.9686-3.5573i	3.0175+0.1651i	0.2901+0.4752i	9.7693-4.0821i
21.0	-0.3322+0.6772i	--	3.0589+0.2282i	0.5438+0.3063i	9.7327-3.9619i	3.0917+0.1592i	0.3296+0.3601i	9.4829-4.4417i
21.1	-0.2317+0.7413i	--	3.2004+0.2095i	0.5235+0.1361i	9.1750-4.4118i	3.2253+0.1376i	0.3104+0.1933i	8.9002-4.7950i
21.2	-0.1131+0.7629i	--	3.3264+0.1799i	0.3638+0.0695i	8.6799-4.6140i	3.3504+0.1055i	0.1543+0.1344i	8.4451-4.9562i
21.3	-0.0338+0.7599i	--	3.4456+0.1261i	0.3202+0.0355i	8.2772-4.6340i	3.4651+0.0481i	0.1140+0.1038i	8.0591-4.9308i
21.4	0.0715+0.7309i	--	3.5264+0.0707i	0.2589+0.0340i	7.7959-4.5252i	3.5357-0.0150i	0.0568+0.1039i	7.5749-4.7891i
21.5	0.1155+0.7058i	--	3.6211+0.0251i	0.2404-0.0201i	7.6490-4.3008i	3.6200-0.0535i	0.0337+0.0467i	7.4306-4.5300i
21.6	0.1478+0.6416i	--	3.7342-0.0653i	0.2175+0.1126i	7.5149-4.0396i	3.7285-0.1511i	0.0064+0.1753i	7.3362-4.3187i
21.7	0.1992+0.6209i	--	3.8291-0.1438i	0.2188+0.1429i	7.4122-3.9568i	3.8062-0.2416i	0.0056+0.2076i	7.2220-4.2551i
21.8	0.2269+0.5814i	--	3.9624-0.2147i	0.2260+0.1278i	7.5388-3.7696i	3.9230-0.3084i	0.0095+0.2002i	7.3319-4.0383i
21.9	0.2783+0.5477i	--	4.0239-0.2556i	0.2038+0.1831i	7.5361-3.6576i	3.9758-0.3460i	-0.0128+0.2491i	7.3340-3.9548i
22.0	0.3017+0.5007i	--	4.1248-0.3324i	0.2182+0.1698i	7.6825-3.4436i	4.0706-0.4153i	-0.0068+0.2378i	7.4704-3.7227i
22.1	0.3013+0.4641i	--	4.1903-0.3806i	0.2297+0.1198i	7.7925-3.3816i	4.1369-0.4538i	-0.0003+0.1900i	7.5881-3.6133i
22.2	0.3277+0.4010i	--	4.3196-0.4938i	0.2328+0.1939i	8.0870-3.3464i	4.2594-0.5653i	-0.0068+0.2649i	7.8754-3.5404i
22.3	0.3191+0.3727i	--	4.4309-0.5398i	0.2762+0.1811i	8.3311-3.2551i	4.3644-0.6074i	0.0294+0.2577i	8.1216-3.4490i
22.4	0.3223+0.3466i	--	4.5444-0.5694i	0.3049+0.1491i	8.5750-3.1805i	4.4712-0.6296i	0.0465+0.2279i	8.3554-3.3655i
22.5	0.3135+0.3085i	--	4.6836-0.6256i	0.3167+0.1382i	8.9110-3.2155i	4.6089-0.6814i	0.0487+0.2171i	8.6865-3.3701i
22.6	0.2914+0.2686i	--	4.8108-0.6708i	0.3530+0.1004i	9.1863-3.2046i	4.7369-0.7240i	0.0767+0.1727i	8.9814-3.3378i
22.7	0.2811+0.2215i	--	4.9564-0.7440i	0.3316+0.1185i	9.4600-3.3068i	4.8807-0.7980i	0.0521+0.1991i	9.2777-3.4214i
22.8	0.2489+0.1906i	--	5.1452-0.8194i	0.3516+0.0884i	9.8056-3.3770i	5.0621-0.8619i	0.0631+0.1746i	9.6577-3.4414i
22.9	0.1967+0.1818i	--	5.3150-0.9703i	0.3231+0.0228i	10.1920-3.5860i	5.2323-1.0084i	0.0228+0.1176i	10.1067-3.6499i
23.0	0.1502+0.1722i	--	5.4985-1.0926i	0.3340+0.0714i	10.6337-3.7397i	5.4118-1.1318i	0.0189+0.1720i	10.5729-3.8363i
23.1	0.1141+0.1836i	--	5.6700-1.1444i	0.3941+0.0470i	10.9733-3.7428i	5.5773-1.1774i	0.0644+0.1454i	10.9436-3.8723i
23.2	0.0746+0.1924i	--	5.9042-1.3006i	0.3495-0.0209i	11.6175-4.0350i	5.8195-1.3257i	0.0063+0.0900i	11.6202-4.1676i
23.3	0.0574+0.2229i	--	6.1248-1.4510i	0.3232-0.0579i	12.1077-4.2826i	6.0383-1.4755i	-0.0358+0.0537i	12.1162-4.4281i
23.4	0.0233+0.2515i	--	6.3807-1.5965i	0.3010-0.0555i	12.6926-4.5972i	6.2939-1.6159i	-0.0820+0.0710i	12.7018-4.7814i
23.5	-0.0262+0.2773i	--	6.6682-1.8418i	0.3196-0.0294i	13.3166-5.1506i	6.5709-1.8586i	-0.0835+0.1157i	13.3200-5.3743i
23.6	-0.0679+0.3289i	--	6.9638-2.1325i	0.3230-0.1176i	13.9562-5.6480i	6.8680-2.1382i	-0.1001+0.0485i	13.9700-5.8907i
23.7	-0.0862+0.3839i	--	7.2825-2.3588i	0.2164-0.1180i	14.7622-6.1859i	7.1861-2.3678i	-0.2380+0.0663i	14.7622-6.4544i
23.8	-0.0922+0.4558i	--	7.5575-2.7703i	0.1790-0.1143i	15.4692-7.1831i	7.4537-2.7678i	-0.2928+0.1037i	15.4299-7.4565i
23.9	-0.0685+0.5622i	--	7.8343-3.2046i	0.0435-0.1682i	16.1361-8.2101i	7.7429-3.1961i	-0.4421+0.0827i	16.0689-8.4643i
24.0	-0.0365+0.5818i	--	8.2043-3.7195i	-0.1498+0.0831i	17.0085-9.4463i	8.1211-3.7251i	-0.6634+0.3692i	16.9432-9.6804i
24.1	-0.0138+0.6543i	--	8.4593-4.1675i	-0.1402+0.2071i	17.4777-10.5725i	8.3702-4.1765i	-0.6699+0.5291i	17.4292-10.8294i
24.2	-0.0101+0.7757i	--	8.5833-4.7972i	0.0386+0.1842i	17.6227-12.2039i	8.4882-4.7916i	-0.5066+0.5587i	17.5990-12.4451i
24.3	0.0548+0.8695i	--	8.6387-5.5139i	0.0864+0.2671i	17.4493-14.0831i	8.5453-5.5064i	-0.4556+0.6969i	17.4411-14.3031i
24.4	0.1518+0.9712i	--	8.7407-6.3857i	0.1027+0.4328i	17.3103-16.2730i	8.6273-6.3872i	-0.4239+0.9324i	17.3499-16.5010i
24.5	0.3031+1.0981i	--	8.5432-7.3251i	0.1268+0.4481i	16.3748-18.4620i	8.4305-7.3153i	-0.3700+1.0193i	16.4331-18.7512i

24.6	0.4631+1.1072i	--	8.4224-8.0528i	0.2193+0.5794i	15.6040-20.1093i	8.3112-8.0392i	-0.2627+1.1947i	15.6332-20.3157i
24.7	0.6479+1.1828i	--	8.3144-8.9331i	0.2884+0.6205i	14.5609-21.9428i	8.2063-8.9162i	-0.1708+1.2990i	14.7097-22.1316i
24.8	0.8073+1.1651i	--	7.8446-9.7830i	0.4654+0.6545i	12.8015-23.4475i	7.7411-9.7585i	0.0580+1.3840i	13.0526-23.6524i
24.9	0.9470+1.1114i	--	7.4004-10.2652i	0.6011+0.6757i	11.4851-24.1274i	7.2922-10.2521i	0.2323+1.4314i	11.7500-24.3439i
25.0	1.1910+1.0579i	--	6.6299-10.9432i	0.7348+0.6777i	9.3452-25.0515i	6.5049-10.9427i	0.4336+1.4632i	9.6358-25.3495i
25.1	1.4456+0.9889i	--	5.8477-11.7829i	0.8950+0.6318i	7.1091-26.1236i	5.7109-11.7837i	0.6599+1.4416i	7.4901-26.5576i
25.2	1.6969+0.7842i	--	4.9028-12.3688i	1.0096+0.6085i	4.7311-26.4728i	4.7429-12.3722i	0.8506+1.4276i	5.1779-27.0713i
25.3	1.8515+0.6173i	--	4.2408-12.5174i	1.0805+0.5083i	3.1156-26.1535i	4.0696-12.5070i	0.9772+1.3210i	3.6422-26.8138i
25.4	2.0295+0.2388i	--	3.3145-12.5407i	1.1904+0.4295i	0.9504-24.9832i	3.1348-12.5235i	1.1483+1.2251i	1.5294-25.8553i
25.5	2.0891-0.0413i	--	2.8293-12.6623i	1.2525+0.3571i	-0.0508-24.2650i	2.6309-12.6364i	1.2377+1.1443i	0.5371-25.3770i
25.6	2.0467-0.4260i	--	2.1203-12.8642i	1.3451+0.1983i	-1.1159-23.3194i	1.8965-12.7946i	1.3494+0.9538i	-0.5826-24.7088i
25.7	1.9039-0.7205i	--	1.4580-13.0485i	1.4786+0.0253i	-1.4367-22.5277i	1.2316-12.9505i	1.5165+0.7770i	-1.2378-24.2734i
25.8	1.7696-0.9267i	--	0.7735-13.3089i	1.5679-0.0109i	-1.6963-22.3854i	0.5652-13.1958i	1.6287+0.7396i	-1.8429-24.4988i
25.9	1.5828-1.1454i	--	-0.0227-13.0875i	1.5669-0.1398i	-2.1649-22.1494i	-0.2379-12.9534i	1.6372+0.5977i	-2.7391-24.1339i
26.0	1.3971-1.3618i	--	-0.5748-13.0557i	1.6598-0.3390i	-2.4748-21.9302i	-0.8058-12.9006i	1.7268+0.3888i	-3.3782-23.8605i
26.1	1.0620-1.4700i	--	-1.4355-12.9235i	1.7077-0.5033i	-3.0267-21.7308i	-1.6658-12.7418i	1.7973+0.2236i	-4.3851-23.5904i
26.2	0.8335-1.4777i	--	-2.0819-12.8698i	1.7428-0.7392i	-3.5164-22.1224i	-2.3064-12.6570i	1.8470+0.0060i	-5.1136-23.7400i
26.3	0.6369-1.4881i	--	-2.6462-12.6817i	1.7438-1.1364i	-3.8473-22.4922i	-2.8676-12.4270i	1.8533-0.3847i	-5.7333-23.6833i
26.4	0.4323-1.4043i	--	-3.1783-12.2494i	1.5352-1.3956i	-4.6364-22.5026i	-3.3749-11.9552i	1.6598-0.6418i	-6.5822-23.3198i
26.5	0.3036-1.3195i	--	-3.8733-12.0165i	1.2233-1.7494i	-6.0284-23.0527i	-4.0323-11.6703i	1.3942-0.9613i	-7.9593-23.4166i
26.6	0.2026-1.2955i	--	-4.4099-11.8803i	1.0065-1.9350i	-7.1273-23.3822i	-4.5268-11.5050i	1.2116-1.1335i	-9.0105-23.4511i
26.7	0.1018-1.2862i	--	-4.7958-11.5593i	0.7618-1.8786i	-8.0963-23.1110i	-4.8775-11.1835i	0.9976-1.0719i	-9.8546-23.0886i
26.8	0.0012-1.2182i	--	-5.1514-11.2061i	0.4860-1.8529i	-9.0956-22.8646i	-5.1967-10.8203i	0.7623-1.0371i	-10.7256-22.6559i
26.9	-0.1146-1.1668i	--	-5.6794-10.7405i	0.1891-1.8138i	-10.6503-22.3725i	-5.6773-10.3590i	0.5222-0.9946i	-12.0517-21.9486i
27.0	-0.2210-1.1051i	--	-6.0442-10.4156i	0.0176-1.7282i	-11.8169-21.8735i	-6.0098-10.0339i	0.4025-0.9154i	-13.0043-21.3751i
27.1	-0.2957-1.0272i	--	-6.4188-10.0123i	-0.1429-1.6091i	-13.0398-21.1333i	-6.3638-9.6264i	0.2976-0.8085i	-14.0486-20.6043i
27.2	-0.3620-0.9123i	--	-7.0118-9.4397i	-0.3315-1.4274i	-14.8848-19.9281i	-6.9185-9.0597i	0.1960-0.6594i	-15.6484-19.4389i
27.3	-0.4057-0.8377i	--	-7.3808-9.0294i	-0.4440-1.2955i	-15.9650-18.8975i	-7.2526-8.6559i	0.1330-0.5577i	-16.6166-18.4800i
27.4	-0.4149-0.7834i	--	-7.5624-8.4290i	-0.4251-1.0658i	-16.5841-17.2020i	-7.4058-8.0778i	0.1910-0.3848i	-17.1898-17.0159i
27.5	-0.4545-0.7419i	--	-7.6945-7.9921i	-0.4528-0.9447i	-16.8427-16.0278i	-7.5105-7.6442i	0.1853-0.3080i	-17.4286-15.9659i
27.6	-0.5005-0.6575i	--	-7.8382-7.5361i	-0.4468-0.8661i	-17.1582-14.9569i	-7.6164-7.1933i	0.2187-0.2713i	-17.7753-14.9382i
27.7	-0.5261-0.6006i	--	-7.9999-7.1661i	-0.4152-0.7792i	-17.5744-14.0523i	-7.7459-6.8438i	0.2710-0.2173i	-18.2098-14.1201i
27.8	-0.5464-0.5547i	--	-8.1164-6.7692i	-0.4401-0.7013i	-17.8723-13.0226i	-7.8288-6.4626i	0.2637-0.1820i	-18.4894-13.1643i
27.9	-0.5560-0.4658i	--	-8.1702-6.1605i	-0.4017-0.6180i	-17.9072-11.5066i	-7.8392-5.8826i	0.3153-0.1602i	-18.5904-11.7004i
28.0	-0.5491-0.4202i	--	-8.1740-5.7494i	-0.3384-0.5574i	-17.7666-10.5798i	-7.8199-5.5038i	0.3885-0.1349i	-18.5766-10.8095i
28.1	-0.5831-0.4413i	--	-8.2395-5.4132i	-0.2762-0.5163i	-17.9146-9.9456i	-7.8631-5.2042i	0.4632-0.1201i	-18.8456-10.1976i
28.2	-0.6765-0.3842i	--	-8.2831-4.9230i	-0.2588-0.4996i	-18.1570-8.7469i	-7.8766-4.7501i	0.4953-0.1602i	-19.1894-8.9599i
28.3	-0.7016-0.2929i	--	-8.2598-4.5489i	-0.2404-0.4807i	-18.0771-7.6805i	-7.8246-4.4001i	0.5152-0.1851i	-19.1842-7.8458i
28.4	-0.7113-0.2099i	--	-8.1146-4.1720i	-0.2084-0.4788i	-17.6603-6.7167i	-7.6555-4.0706i	0.5419-0.2259i	-18.8592-6.7887i
28.5	-0.7451-0.1050i	--	-7.9714-3.8468i	-0.1775-0.4683i	-17.1586-5.9637i	-7.4837-3.8148i	0.5633-0.2547i	-18.4437-5.9416i
28.6	-0.7570+0.0114i	--	-7.8859-3.5916i	-0.1570-0.4733i	-16.8784-5.3834i	-7.3737-3.6267i	0.5812-0.2882i	-18.2437-5.2615i
28.7	-0.7438+0.1384i	--	-7.8780-3.3212i	-0.1563-0.4747i	-16.7658-4.7065i	-7.3529-3.4471i	0.5817-0.3238i	-18.1843-4.4452i
28.8	-0.7074+0.2866i	--	-7.8376-3.0249i	-0.1323-0.4825i	-16.5807-3.9950i	-7.3300-3.2589i	0.6060-0.3718i	-18.0609-3.5430i
28.9	-0.6274+0.3868i	--	-7.7046-2.7761i	-0.1000-0.4885i	-16.2100-3.4102i	-7.2627-3.0939i	0.6272-0.4088i	-17.6580-2.7916i
29.0	-0.5134+0.4575i	--	-7.5869-2.5176i	-0.0883-0.5044i	-15.8730-2.7977i	-7.2366-2.8991i	0.6249-0.4595i	-17.2229-2.0251i
29.1	-0.3781+0.5280i	--	-7.4801-2.2195i	-0.1110-0.5273i	-15.5021-2.0824i	-7.2362-2.6354i	0.5875-0.5234i	-16.7013-1.1551i
29.2	-0.2612+0.5984i	--	-7.4040-1.9561i	-0.0897-0.5756i	-15.1695-1.4426i	-7.2592-2.3815i	0.5963-0.6053i	-16.3037-0.3749i
29.3	-0.1046+0.6157i	--	-7.2119-1.7351i	-0.1271-0.6393i	-14.5864-1.0075i	-7.1458-2.1161i	0.5335-0.7010i	-15.5517+0.1739i
29.4	0.0434+0.6167i	--	-7.1071-1.5050i	-0.1911-0.6677i	-14.2272-0.5654i	-7.1043-1.8516i	0.4544-0.7598i	-15.0444+0.6726i
29.5	0.1246+0.5879i	--	-7.0031-1.2882i	-0.2305-0.6467i	-13.8780-0.0670i	-7.0365-1.6084i	0.3942-0.7663i	-14.5821+1.1354i
29.6	0.2021+0.5017i	--	-6.8015-1.1507i	-0.2693-0.6290i	-13.2386+0.2272i	-6.8585-1.4265i	0.3215-0.7691i	-13.8280+1.4043i
29.7	0.3292+0.4068i	--	-6.6145-0.9849i	-0.3396-0.6316i	-12.7086+0.4322i	-6.6961-1.2151i	0.2262-0.7930i	-13.1761+1.6766i
29.8	0.4039+0.3595i	--	-6.4928-0.8391i	-0.3623-0.6158i	-12.3345+0.6342i	-6.5954-1.0444i	0.1779-0.7956i	-12.7098+1.9108i
29.9	0.4212+0.2905i	--	-6.3979-0.6987i	-0.3768-0.5553i	-12.0580+0.8707i	-6.5013-0.8861i	0.1429-0.7567i	-12.3491+2.1311i
30.0	0.4217+0.1927i	--	-6.1717-0.5590i	-0.3728-0.4917i	-11.5301+1.1036i	-6.2831-0.7214i	0.1064-0.7122i	-11.6693+2.2944i
30.1	0.4331+0.1184i	--	-5.9827-0.4251i	-0.3792-0.4664i	-11.0969+1.2908i	-6.1063-0.5599i	0.0641-0.6991i	-11.1029+2.4635i
30.2	0.4317+0.0690i	--	-5.7691-0.3043i	-0.3638-0.4442i	-10.6610+1.4541i	-5.9066-0.4105i	0.0422-0.6892i	-10.5215+2.5362i
30.3	0.4323+0.0361i	--	-5.6115-0.2479i	-0.3462-0.4263i	-10.3284+1.5890i	-5.7502-0.3304i	0.0266-0.6746i	-10.1178+2.5609i
30.4	0.4433-0.0197i	--	-5.4691-0.2239i	-0.3561-0.4227i	-10.0173+1.6803i	-5.5980-0.2793i	-0.0129-0.6683i	-9.7903+2.5515i
30.5	0.4409-0.0714i	--	-5.3438-0.1683i	-0.3590-0.3943i	-9.6966+1.8301i	-5.4660-0.2142i	-0.0458-0.6359i	-9.4760+2.6315i
30.6	0.4183-0.1375i	--	-5.1918-0.0614i	-0.3547-0.3734i	-9.2592+2.0339i	-5.3115-0.0963i	-0.0781-0.6092i	-9.0196+2.8042i
30.7	0.4103-0.1646i	--	-5.0343-0.0305i	-0.3219-0.3600i	-8.8281+2.0830i	-5.1616-0.0570i	-0.0743-0.5820i	-8.5963+2.7945i
30.8	0.4053-0.2040i	--	-4.8842-0.0097i	-0.3027-0.3734i	-8.4341+2.0850i	-5.0175-0.0158i	-0.0788-0.5814i	-8.1907+2.7686i

30.9	0.3854-0.2527i	--	-4.7473-0.0000i	-0.3048-0.3886i	-8.0739+2.0453i	-4.8762+0.0175i	-0.0985-0.5813i	-7.8016+2.7176i
31.0	0.3674-0.2817i	--	-4.6114+0.0176i	-0.2771-0.4101i	-7.7128+2.0553i	-4.7434+0.0545i	-0.0900-0.5851i	-7.4113+2.6845i
31.1	0.3445-0.3114i	--	-4.4593+0.0185i	-0.2734-0.4270i	-7.3133+2.0241i	-4.5884+0.0809i	-0.1009-0.5861i	-6.9906+2.6171i
31.2	0.3103-0.3261i	--	-4.2867+0.0001i	-0.3017-0.4344i	-6.8721+1.9027i	-4.4043+0.0850i	-0.1404-0.5739i	-6.5133+2.4154i
31.3	0.2847-0.3310i	--	-4.2062-0.0479i	-0.3207-0.4396i	-6.6524+1.7079i	-4.3093+0.0501i	-0.1635-0.5602i	-6.3029+2.1610i
31.4	0.2581-0.3485i	--	-4.1331-0.1093i	-0.3371-0.4607i	-6.4185+1.5065i	-4.2173+0.0101i	-0.1837-0.5637i	-6.0473+1.8988i
31.5	0.2484-0.3546i	--	-4.0478-0.1706i	-0.3394-0.4548i	-6.2133+1.3281i	-4.1221-0.0443i	-0.1890-0.5469i	-5.8582+1.6703i
31.6	0.2310-0.3602i	--	-3.9683-0.2188i	-0.3664-0.4588i	-6.0096+1.1332i	-4.0202-0.0713i	-0.2214-0.5373i	-5.6797+1.4307i
31.7	0.2061-0.3745i	--	-3.8950-0.2388i	-0.4111-0.4491i	-5.8567+1.0045i	-3.9228-0.0871i	-0.2658-0.5151i	-5.5151+1.2997i
31.8	0.1833-0.3860i	--	-3.8099-0.2846i	-0.4388-0.4401i	-5.7055+0.8267i	-3.8132-0.1269i	-0.2941-0.4948i	-5.3428+1.1254i
31.9	0.1774-0.4017i	--	-3.7816-0.3195i	-0.4651-0.4421i	-5.6570+0.7006i	-3.7587-0.1497i	-0.3197-0.4921i	-5.3002+1.0056i
32.0	0.1700-0.4028i	--	-3.7329-0.3462i	-0.4790-0.4179i	-5.5727+0.5807i	-3.6947-0.1785i	-0.3346-0.4596i	-5.2025+0.8169i
32.1	0.1642-0.4059i	--	-3.6831-0.3411i	-0.5120-0.3963i	-5.4712+0.5389i	-3.6148-0.1794i	-0.3646-0.4312i	-5.1046+0.7271i
32.2	0.1671-0.4174i	--	-3.6066-0.3809i	-0.5198-0.3507i	-5.3799+0.4190i	-3.5261-0.2331i	-0.3706-0.3798i	-5.0060+0.5726i
32.3	0.1662-0.4245i	--	-3.5494-0.4192i	-0.5126-0.3236i	-5.3049+0.3344i	-3.4616-0.2761i	-0.3646-0.3476i	-4.9405+0.4078i
32.4	0.1699-0.4350i	--	-3.4931-0.4354i	-0.5244-0.3096i	-5.1948+0.2950i	-3.3892-0.3027i	-0.3779-0.3305i	-4.9172+0.2994i
32.5	0.1555-0.4656i	--	-3.3954-0.4699i	-0.5432-0.2863i	-5.0415+0.1533i	-3.2607-0.3512i	-0.3977-0.2988i	-4.8266+0.1643i
32.6	0.1460-0.4929i	--	-3.2659-0.5327i	-0.5210-0.2396i	-4.8394+0.0292i	-3.1284-0.4246i	-0.3767-0.2448i	-4.6659+0.0202i
32.7	0.1303-0.5019i	--	-3.1380-0.6050i	-0.4996-0.2129i	-4.6261-0.1035i	-3.0006-0.5049i	-0.3612-0.2141i	-4.4939-0.1391i
32.8	0.1142-0.5207i	--	-3.0206-0.7083i	-0.4905-0.2081i	-4.4183-0.3357i	-2.8710-0.6066i	-0.3568-0.2006i	-4.3387-0.3265i
32.9	0.1065-0.5275i	--	-2.8461-0.8975i	-0.4487-0.2165i	-4.1275-0.6930i	-2.7010-0.7987i	-0.3204-0.1971i	-4.1454-0.6846i
33.0	0.0947-0.5373i	--	-2.6865-1.1127i	-0.4442-0.2239i	-3.8893-1.1148i	-2.5227-1.0088i	-0.3230-0.1879i	-3.9479-1.0531i
33.1	0.0755-0.5608i	--	-2.5431-1.4225i	-0.4374-0.2244i	-3.7371-1.7118i	-2.3545-1.3213i	-0.3185-0.1703i	-3.7906-1.5656i
33.2	0.0828-0.5819i	--	-2.3665-1.9036i	-0.3872-0.2831i	-3.6104-2.5831i	-2.1881-1.7762i	-0.2756-0.2034i	-3.6653-2.3543i
33.3	0.0960-0.6430i	--	-2.3429-2.5463i	-0.3475-0.3987i	-3.8640-3.6724i	-2.1736-2.3605i	-0.2321-0.2864i	-3.8209-3.2530i
33.4	0.0632-0.6804i	--	-2.5080-3.2703i	-0.3850-0.5216i	-4.4553-4.7550i	-2.2879-3.0310i	-0.2519-0.3731i	-4.2614-4.2681i
33.5	0.0448-0.7436i	--	-3.0232-4.1869i	-0.5514-0.6640i	-5.6427-5.9501i	-2.6782-3.8865i	-0.3863-0.4661i	-5.2817-5.4194i
33.6	0.0370-0.7892i	--	-3.8688-4.8137i	-0.7673-0.7035i	-7.1543-6.4904i	-3.3791-4.5429i	-0.5526-0.4753i	-6.7148-6.1022i
33.7	0.0253-0.8496i	--	-4.9644-4.9291i	-1.0000-0.5888i	-8.7743-6.1936i	-4.3250-4.7847i	-0.7233-0.3568i	-8.3560-5.9290i
33.8	-0.0711-0.9739i	--	-6.3604-4.6743i	-1.2475-0.2877i	-10.7271-5.3701i	-5.5629-4.7696i	-0.8990-0.0746i	-10.2399-5.1229i
33.9	-0.2820-1.0765i	--	-7.5789-3.8784i	-1.2367+0.1121i	-12.3596-3.8450i	-6.8211-4.3256i	-0.8199+0.2739i	-11.7084-3.6127i
34.0	-0.4178-1.0519i	--	-7.8512-3.1155i	-1.0845+0.2522i	-12.5520-2.5488i	-7.2499-3.6678i	-0.6574+0.3685i	-11.8306-2.3844i
34.1	-0.5907-0.9065i	--	-7.9935-2.1537i	-0.8086+0.3702i	-12.4796-0.8214i	-7.6325-2.7863i	-0.3767+0.4321i	-11.6743-0.9687i
34.2	-0.6925-0.7767i	--	-8.1752-1.5049i	-0.6180+0.4019i	-12.4593+0.3996i	-8.0058-2.1527i	-0.1801+0.4235i	-11.7212-0.0226i
34.3	-0.6909-0.6211i	--	-8.0556-0.8964i	-0.4810+0.3226i	-11.8415+1.4296i	-8.0486-1.4689i	-0.0565+0.3086i	-11.3230+0.8137i
34.4	-0.6577-0.5380i	--	-7.8942-0.5099i	-0.4326+0.2295i	-11.2748+1.9768i	-7.9401-0.9913i	-0.0211+0.1981i	-10.8754+1.3517i
34.5	-0.6057-0.5220i	--	-7.8130-0.2048i	-0.4210+0.1560i	-10.8748+2.2795i	-7.8848-0.6049i	-0.0193+0.1088i	-10.6188+1.7507i
34.6	-0.5595-0.5277i	--	-7.7441+0.0694i	-0.4252+0.0928i	-10.5168+2.5865i	-7.8277-0.2607i	-0.0330+0.0313i	-10.4188+2.1126i
34.7	-0.5343-0.5648i	--	-7.6616+0.2614i	-0.4387+0.0394i	-10.2300+2.7728i	-7.7462-0.0079i	-0.0503-0.0309i	-10.2570+2.3903i
34.8	-0.5464-0.6035i	--	-7.6665+0.4768i	-0.4893+0.0290i	-10.0874+2.9957i	-7.7265+0.2370i	-0.0983-0.0524i	-10.1083+2.6915i
34.9	-0.5366-0.6484i	--	-7.5944+0.6468i	-0.5276+0.0302i	-9.8332+3.1262i	-7.6310+0.4273i	-0.1421-0.0599i	-9.9057+2.9087i
35.0	-0.5916-0.7149i	--	-7.5034+0.8499i	-0.5579+0.0391i	-9.6067+3.2783i	-7.5120+0.6501i	-0.1787-0.0610i	-9.6356+3.2152i
35.1	-0.6461-0.7776i	--	-7.4429+1.0611i	-0.5728+0.0563i	-9.4694+3.4798i	-7.4307+0.8704i	-0.1970-0.0550i	-9.4122+3.5177i
35.2	-0.7731-0.8016i	--	-7.4354+1.2865i	-0.5850+0.0849i	-9.4318+3.7512i	-7.3940+1.0734i	-0.2101-0.0391i	-9.2279+3.8216i
35.3	-0.9024-0.8076i	--	-7.4163+1.4589i	-0.5904+0.1183i	-9.3582+3.9427i	-7.3463+1.2108i	-0.2214-0.0139i	-9.0397+4.0419i
35.4	-1.0438-0.7723i	--	-7.3528+1.6721i	-0.5832+0.1605i	-9.1733+4.2492i	-7.2583+1.3933i	-0.2221+0.0133i	-8.7525+4.2938i
35.5	-1.1558-0.6888i	--	-7.2885+1.9016i	-0.5766+0.1792i	-9.0313+4.5834i	-7.2061+1.5726i	-0.2164+0.0161i	-8.5418+4.5789i
35.6	-1.2441-0.6299i	--	-7.1869+2.1230i	-0.5717+0.1872i	-8.8647+4.9043i	-7.1186+1.7583i	-0.2216+0.0127i	-8.2081+4.8722i
35.7	-1.3574-0.5648i	--	-7.1047+2.3186i	-0.5801+0.2169i	-8.7447+5.2005i	-7.0504+1.9177i	-0.2384+0.0315i	-7.8490+5.0614i
35.8	-1.4941-0.4697i	--	-7.0160+2.4818i	-0.5705+0.2400i	-8.5822+5.5339i	-6.9793+2.0284i	-0.2368+0.0450i	-7.5171+5.2153i
35.9	-1.5984-0.2719i	--	-6.8365+2.6672i	-0.5454+0.2725i	-8.1034+5.9926i	-6.8601+2.1496i	-0.2284+0.0678i	-7.0923+5.2234i
36.0	-1.6396-0.1118i	--	-6.6879+2.7780i	-0.5284+0.3035i	-7.6698+6.2222i	-6.7686+2.2309i	-0.2259+0.0937i	-6.7653+5.1781i
36.1	-1.6605+0.0343i	--	-6.5866+2.8660i	-0.5025+0.3268i	-7.2942+6.3914i	-6.7287+2.2895i	-0.2108+0.1138i	-6.5839+5.1308i
36.2	-1.6225+0.2565i	--	-6.4370+2.8988i	-0.4607+0.3235i	-6.7156+6.4327i	-6.6875+2.3051i	-0.1818+0.1082i	-6.3493+4.9964i
36.3	-1.5640+0.4107i	--	-6.3088+2.9768i	-0.4419+0.3270i	-6.2723+6.4704i	-6.6470+2.4123i	-0.1728+0.1087i	-6.1414+5.0254i
36.4	-1.4857+0.5311i	--	-6.2561+2.9787i	-0.4166+0.3161i	-5.8615+6.3335i	-6.6798+2.4583i	-0.1599+0.1022i	-6.0860+5.0100i
36.5	-1.3923+0.5985i	--	-6.2434+2.9885i	-0.4197+0.2958i	-5.6575+6.1012i	-6.7112+2.5521i	-0.1672+0.0840i	-5.9629+5.0698i
36.6	-1.3029+0.6663i	--	-6.2590+2.9982i	-0.4307+0.2719i	-5.4586+5.9740i	-6.7704+2.6147i	-0.1805+0.0588i	-5.8051+5.0695i
36.7	-1.2546+0.7129i	--	-6.3238+3.0618i	-0.4698+0.2717i	-5.3975+5.8786i	-6.8646+2.7304i	-0.2218+0.0581i	-5.6154+5.0824i
36.8	-1.2075+0.7717i	--	-6.3648+3.1377i	-0.4929+0.2811i	-5.3153+5.7923i	-6.9264+2.8538i	-0.2510+0.0692i	-5.4709+5.1135i
36.9	-1.1451+0.8216i	--	-6.4417+3.2656i	-0.5263+0.3051i	-5.2502+5.7264i	-7.0257+3.0343i	-0.2851+0.0917i	-5.3278+5.1043i
37.0	-1.0977+0.8688i	--	-6.4734+3.3641i	-0.5450+0.3518i	-5.2253+5.7197i	-7.0724+3.1711i	-0.3055+0.1384i	-5.1498+4.9897i
37.1	-1.0632+0.8961i	--	-6.5709+3.4424i	-0.5623+0.3763i	-5.2406+5.6888i	-7.1791+3.3031i	-0.3189+0.1644i	-5.1116+4.8706i

37.2	-1.0281+0.9288i	--	-6.6932+3.5903i	-0.5740+0.4214i	-5.3455+5.6746i	-7.2961+3.5118i	-0.3315+0.2077i	-5.1448+4.7748i
37.3	-1.0147+0.9862i	--	-6.7894+3.7374i	-0.5830+0.4797i	-5.4498+5.7358i	-7.3954+3.7074i	-0.3393+0.2622i	-5.1343+4.7348i
37.4	-1.0020+1.0627i	--	-6.9569+3.9643i	-0.5924+0.5611i	-5.6283+5.9300i	-7.5694+3.9765i	-0.3438+0.3348i	-5.2165+4.7436i
37.5	-0.9594+1.1649i	--	-7.0862+4.3629i	-0.5631+0.6547i	-5.7218+6.3407i	-7.6980+4.4220i	-0.3117+0.4149i	-5.3545+4.8733i
37.6	-0.9176+1.2432i	--	-7.1733+4.5903i	-0.5317+0.7228i	-5.7275+6.6312i	-7.7829+4.6857i	-0.2809+0.4778i	-5.4246+4.8679i
37.7	-0.8370+1.3472i	--	-7.2445+4.9499i	-0.4728+0.8013i	-5.6897+7.0543i	-7.8579+5.1051i	-0.2208+0.5444i	-5.5698+4.9791i
37.8	-0.6987+1.4204i	--	-7.1287+5.2491i	-0.3821+0.8642i	-5.3926+7.4001i	-7.7196+5.4678i	-0.1389+0.5992i	-5.5447+5.0543i
37.9	-0.5590+1.5017i	--	-7.0536+5.6919i	-0.2795+0.9297i	-5.1261+7.9024i	-7.6261+5.9796i	-0.0455+0.6497i	-5.5864+5.3211i
38.0	-0.4142+1.5556i	--	-7.1311+6.1878i	-0.1752+1.0056i	-4.8571+8.4335i	-7.6735+6.5557i	0.0605+0.7084i	-5.8358+5.6321i
38.1	-0.2791+1.5380i	--	-7.0512+6.5614i	-0.0612+1.0237i	-4.4678+8.7763i	-7.5314+6.9986i	0.1686+0.7173i	-5.8911+5.9609i
38.2	-0.1564+1.5006i	--	-6.7960+7.0546i	0.0816+1.0054i	-3.8493+9.0889i	-7.1841+7.5315i	0.2938+0.6868i	-5.7280+6.4361i
38.3	-0.1008+1.4559i	--	-6.6282+7.4446i	0.1837+0.9478i	-3.3673+9.2768i	-6.9462+7.9255i	0.3863+0.6218i	-5.6506+6.7681i
38.4	-0.0267+1.4509i	--	-6.4300+7.8765i	0.3034+0.8868i	-2.8552+9.5116i	-6.6670+8.3572i	0.4964+0.5500i	-5.5575+7.1112i
38.5	0.0289+1.4501i	--	-6.1851+8.2495i	0.3729+0.8020i	-2.3874+9.6742i	-6.3564+8.7219i	0.5560+0.4557i	-5.3910+7.4746i
38.6	0.1363+1.5006i	--	-5.8926+8.7956i	0.4475+0.7479i	-1.7099+10.0634i	-5.9902+9.2716i	0.6150+0.3846i	-5.1523+7.9954i
38.7	0.2584+1.4659i	--	-5.3749+9.2349i	0.4981+0.6518i	-0.8800+10.0389i	-5.4191+9.6624i	0.6457+0.2783i	-4.7409+8.4600i
38.8	0.3601+1.4480i	--	-4.9663+9.5989i	0.5271+0.5553i	-0.0586+10.0674i	-4.9590+9.9810i	0.6589+0.1760i	-4.4454+8.8410i
38.9	0.4689+1.4320i	--	-4.3578+10.0383i	0.5548+0.4674i	0.9402+9.9647i	-4.2939+10.3728i	0.6619+0.0798i	-3.9291+9.4292i
39.0	0.5759+1.3957i	--	-3.7514+10.3438i	0.5517+0.4067i	1.7256+9.6304i	-3.6705+10.6208i	0.6385+0.0154i	-3.3008+9.8174i
39.1	0.6630+1.3415i	--	-3.1826+10.4344i	0.5430+0.3444i	2.4190+9.1225i	-3.0957+10.6493i	0.6088-0.0485i	-2.6578+10.0010i
39.2	0.7614+1.2573i	--	-2.5237+10.4222i	0.5365+0.2809i	3.1160+8.4426i	-2.4336+10.5865i	0.5778-0.1094i	-1.8444+10.0631i
39.3	0.8713+1.2112i	--	-1.8696+10.5060i	0.5142+0.2340i	3.7359+7.7018i	-1.7897+10.6169i	0.5309-0.1527i	-1.0131+10.2132i
39.4	0.9873+1.1762i	--	-1.3080+10.5284i	0.5103+0.1890i	4.2260+6.9473i	-1.2349+10.5898i	0.5036-0.1938i	-0.2534+10.3271i
39.5	1.1075+1.0834i	--	-0.6676+10.4759i	0.4937+0.1635i	4.4412+5.9618i	-0.6282+10.4860i	0.4609-0.2128i	0.7384+10.2698i
39.6	1.2545+0.9279i	--	0.0526+10.3497i	0.5020+0.1304i	4.3037+5.1084i	0.0414+10.3303i	0.4406-0.2304i	1.9017+9.9100i
39.7	1.3431+0.6900i	--	0.5502+10.0749i	0.5386+0.0326i	4.2798+4.6114i	0.5049+10.0444i	0.4570-0.3075i	2.5186+9.1598i
39.8	1.3233+0.5142i	--	1.0744+9.9861i	0.4977-0.0590i	4.5070+3.8407i	0.9942+9.9172i	0.4033-0.3857i	2.9092+8.9825i
39.9	1.3132+0.3690i	--	1.6830+9.7170i	0.4306-0.0817i	4.1559+2.8727i	1.5310+9.6390i	0.3211-0.3937i	3.8129+8.5553i
40.0	1.3032+0.2427i	--	2.2678+9.4053i	0.3867-0.1026i	3.6543+2.2169i	2.0514+9.3337i	0.2595-0.3993i	4.6633+7.9371i
40.1	1.2767+0.1155i	--	2.7720+9.0126i	0.3559-0.1298i	3.0735+1.8811i	2.4986+8.9712i	0.2138-0.4061i	5.2656+7.1819i
40.2	1.2210-0.0439i	--	3.1423+8.4441i	0.3130-0.1605i	2.4819+1.7765i	2.8266+8.4701i	0.1638-0.4093i	5.6858+6.0152i
40.3	1.1444-0.1248i	--	3.2966+8.0414i	0.2928-0.1635i	2.0934+1.8237i	2.9642+8.1096i	0.1428-0.3953i	5.7433+5.1734i
40.4	1.0384-0.2444i	--	3.5224+7.5221i	0.2533-0.1671i	1.8030+1.9404i	3.1861+7.6519i	0.0999-0.3719i	5.7363+4.0195i
40.5	0.9338-0.2902i	--	3.6478+7.1300i	0.2160-0.1800i	1.7866+1.9225i	3.3415+7.2960i	0.0652-0.3678i	5.4071+3.3143i
40.6	0.8896-0.3264i	--	3.8365+6.7342i	0.1975-0.1741i	1.4677+1.7469i	3.5151+6.9017i	0.0492-0.3458i	5.3780+2.8741i
40.7	0.8275-0.3923i	--	3.8849+6.4057i	0.1821-0.1827i	1.2806+1.9762i	3.5489+6.6237i	0.0359-0.3431i	5.2318+2.1838i
40.8	0.6969-0.4560i	--	3.9310+5.9934i	0.1415-0.2026i	1.2778+2.1665i	3.6116+6.2682i	0.0061-0.3442i	4.8045+1.4338i
40.9	0.6417-0.4678i	--	3.9856+5.6352i	0.1022-0.1863i	1.2402+2.1824i	3.6718+5.9445i	-0.0300-0.3150i	4.5796+0.9627i
41.0	0.5823-0.5065i	--	4.0471+5.3025i	0.0952-0.1848i	1.1538+2.1995i	3.7512+5.6532i	-0.0340-0.3015i	4.3073+0.4114i
41.1	0.4777-0.5249i	--	4.0252+4.9481i	0.0735-0.1640i	1.1508+2.3738i	3.7695+5.3379i	-0.0514-0.2677i	3.8331-0.1436i
41.2	0.3749-0.5306i	--	3.9590+4.6708i	0.0624-0.1563i	1.4303+2.3996i	3.7502+5.1057i	-0.0564-0.2509i	3.1792-0.5525i
41.3	0.3072-0.4629i	--	3.9141+4.3922i	0.0462-0.1619i	1.6669+2.1800i	3.7791+4.8461i	-0.0666-0.2463i	2.5025-0.6548i
41.4	0.3323-0.4168i	--	3.7997+4.1420i	0.0222-0.1419i	1.4536+2.0706i	3.6922+4.5594i	-0.0781-0.2217i	2.3425-0.5839i
41.5	0.3009-0.4606i	--	3.7178+3.9766i	0.0139-0.1341i	1.5809+2.1931i	3.6319+4.4169i	-0.0819-0.2051i	2.0456-0.9642i
41.6	0.2293-0.4332i	--	3.6372+3.7261i	-0.0066-0.1143i	1.7537+1.9859i	3.6103+4.1279i	-0.0912-0.1759i	1.2587-0.9347i
41.7	0.2232-0.4410i	--	3.5459+3.5630i	-0.0053-0.1064i	1.8287+1.9979i	3.5103+3.9500i	-0.0841-0.1692i	1.0682-0.7722i
41.8	0.1811-0.5006i	--	3.4140+3.4133i	0.0060-0.1160i	2.0849+1.9797i	3.3898+3.8325i	-0.0699-0.1762i	0.7546-0.9469i
41.9	0.0860-0.4995i	--	3.3550+3.3210i	0.0107-0.1406i	2.3144+1.6002i	3.4004+3.7424i	-0.0636-0.1920i	0.1395-0.9111i
42.0	0.0232-0.4863i	--	3.3537+3.2644i	0.0186-0.1449i	2.3007+1.3222i	3.4356+3.6720i	-0.0542-0.1947i	-0.1984-0.7059i
42.1	-0.0354-0.4358i	--	3.3248+3.1106i	0.0060-0.1153i	2.1610+1.1470i	3.4109+3.4710i	-0.0614-0.1678i	-0.2693-0.3657i
42.2	-0.0887-0.3620i	--	3.2261+2.9645i	-0.0040-0.1131i	2.2254+0.7425i	3.3172+3.3098i	-0.0641-0.1629i	-0.4178-0.0189i
42.3	-0.0923-0.2894i	--	3.2084+2.8669i	0.0180-0.1235i	2.0338+0.4558i	3.3225+3.2101i	-0.0414-0.1686i	-0.3832+0.2843i
42.4	-0.0930-0.2922i	--	3.1638+2.7691i	0.0299-0.1541i	1.9283+0.4932i	3.2918+3.1028i	-0.0287-0.1939i	-0.2905+0.1772i
42.5	-0.1273-0.2927i	--	3.1258+2.6911i	-0.0181-0.1934i	1.8476+0.3154i	3.2859+3.0126i	-0.0710-0.2292i	-0.3116+0.1853i
42.6	-0.1548-0.2440i	--	3.1186+2.6188i	-0.0694-0.1613i	1.7566+0.2331i	3.3084+2.8905i	-0.1199-0.1940i	-0.4131+0.2295i
42.7	-0.1458-0.2021i	--	3.0393+2.5678i	-0.0626-0.1305i	1.7308-0.0398i	3.2103+2.7956i	-0.1082-0.1644i	-0.5016+0.3390i
42.8	-0.1783-0.2025i	--	3.0518+2.4650i	-0.0444-0.1262i	1.5697-0.2765i	3.2015+2.6864i	-0.0903-0.1556i	-0.4895+0.4193i
42.9	-0.1884-0.1688i	--	3.0030+2.3567i	-0.0617-0.1295i	1.4590-0.3088i	3.1465+2.5835i	-0.1039-0.1591i	-0.4301+0.4444i
43.0	-0.1763-0.1598i	--	2.9664+2.2981i	-0.0719-0.1480i	1.2543-0.4392i	3.1287+2.5141i	-0.1057-0.1705i	-0.4071+0.4362i
43.1	-0.2056-0.1636i	--	2.9575+2.2183i	-0.0925-0.1707i	1.0878-0.5526i	3.1377+2.4178i	-0.1214-0.1868i	-0.4533+0.4168i
43.2	-0.2193-0.1500i	--	2.9401+2.1692i	-0.0987-0.1581i	0.8882-0.7666i	3.1292+2.3326i	-0.1277-0.1688i	-0.5329+0.3789i
43.3	-0.2617-0.1380i	--	2.9242+2.0775i	-0.1254-0.1413i	0.6385-0.8251i	3.1022+2.2234i	-0.1449-0.1581i	-0.6320+0.4619i
43.4	-0.3085-0.0954i	--	2.8985+2.0105i	-0.1577-0.1269i	0.3961-0.7620i	3.0661+2.1466i	-0.1698-0.1461i	-0.5908+0.5515i

43.5	-0.3253-0.0593i	--	2.8819+1.9413i	-0.1601-0.1197i	0.2577-0.7150i	3.0511+2.0729i	-0.1757-0.1367i	-0.5150+0.5360i
43.6	-0.3438+0.0034i	--	2.8432+1.8368i	-0.1955-0.1229i	0.2796-0.6774i	3.0353+1.9743i	-0.2050-0.1341i	-0.4836+0.4028i
43.7	-0.3274+0.0635i	--	2.7990+1.7789i	-0.1930-0.0820i	0.2562-0.6762i	2.9830+1.8695i	-0.1985-0.0926i	-0.5390+0.3287i
43.8	-0.3032+0.0623i	--	2.7979+1.7192i	-0.1694-0.0734i	-0.0086-0.8832i	2.9320+1.8010i	-0.1745-0.0838i	-0.5293+0.4162i
43.9	-0.3319+0.0667i	--	2.7821+1.6241i	-0.1733-0.1062i	-0.3641-1.0021i	2.9096+1.7413i	-0.1725-0.1120i	-0.4833+0.3411i
44.0	-0.3862+0.0815i	--	2.7499+1.5433i	-0.1892-0.1160i	-0.6118-0.7254i	2.8863+1.6730i	-0.1863-0.1192i	-0.5619+0.1982i
44.1	-0.4416+0.2203i	--	2.7212+1.4488i	-0.2216-0.1022i	-0.5506-0.5676i	2.8871+1.5725i	-0.2141-0.1131i	-0.7051+0.2428i
44.2	-0.3351+0.2951i	--	2.6385+1.4159i	-0.2890-0.0698i	-0.7037-0.5352i	2.8317+1.5090i	-0.2770-0.0821i	-0.4977+0.2246i
44.3	-0.2912+0.3124i	--	2.6153+1.3883i	-0.3030+0.0256i	-0.7397-0.2178i	2.8038+1.4205i	-0.2930+0.0171i	-0.5725-0.0161i
44.4	-0.2545+0.3315i	--	2.5930+1.3705i	-0.2031+0.0996i	-0.6562-0.1950i	2.7161+1.3418i	-0.1927+0.0967i	-1.0809-0.1682i
44.5	-0.2383+0.3942i	--	2.5672+1.3235i	-0.1437+0.0589i	-0.6446-0.2040i	2.6285+1.3142i	-0.1287+0.0566i	-1.3755+0.0650i
44.6	-0.1789+0.4610i	--	2.5386+1.2543i	-0.1619+0.0541i	-0.6325-0.1298i	2.6085+1.2631i	-0.1452+0.0486i	-1.2719+0.2022i
44.7	-0.0802+0.4864i	--	2.5236+1.2148i	-0.1410+0.0927i	-0.5325-0.1482i	2.5639+1.1947i	-0.1199+0.0838i	-1.3207+0.2180i
44.8	0.0237+0.4455i	--	2.5541+1.1709i	-0.0781+0.1064i	-0.6128-0.2667i	2.5318+1.1503i	-0.0568+0.0988i	-1.3642+0.3771i
44.9	0.0201+0.3982i	--	2.5178+1.0660i	-0.0652+0.0211i	-0.6991-0.3546i	2.4795+1.1328i	-0.0433+0.0109i	-1.1660+0.5305i
45.0	0.0230+0.3756i	--	2.4880+0.9924i	-0.0744-0.0236i	-0.8792-0.3375i	2.4592+1.1068i	-0.0515-0.0338i	-0.9759+0.4889i
45.1	0.0430+0.3555i	--	2.4073+0.9123i	-0.1426-0.0427i	-1.1372-0.0598i	2.4391+1.0363i	-0.1159-0.0464i	-0.8757+0.1108i
45.2	0.0302+0.3812i	--	2.3555+0.9333i	-0.1777+0.0476i	-1.1482+0.2378i	2.4037+0.9930i	-0.1439+0.0421i	-1.2008-0.0715i
45.3	0.0345+0.4259i	--	2.3362+0.9286i	-0.1741+0.0784i	-1.0149+0.4070i	2.3836+0.9547i	-0.1392+0.0700i	-1.3957-0.0282i
45.4	0.1138+0.4146i	--	2.3319+0.8696i	-0.1629+0.1146i	-0.7255+0.3317i	2.3570+0.8865i	-0.1256+0.1065i	-1.4533-0.0378i
45.5	0.1917+0.3636i	--	2.3055+0.8183i	-0.1023+0.1502i	-0.7398+0.0153i	2.2837+0.8189i	-0.0629+0.1462i	-1.7652-0.1692i
45.6	0.1960+0.3219i	--	2.2533+0.7944i	-0.0499+0.0840i	-0.9283+0.0814i	2.1944+0.8326i	-0.0046+0.0796i	-2.0461+0.1738i
45.7	0.1871+0.3034i	--	2.2598+0.7888i	-0.0463+0.0608i	-0.8788+0.2064i	2.1818+0.8466i	-0.0001+0.0541i	-2.0507+0.4713i
45.8	0.1848+0.2846i	--	2.2558+0.7439i	-0.0461+0.0623i	-0.7886+0.1194i	2.1582+0.8382i	-0.0009+0.0516i	-2.0160+0.6263i
45.9	0.2240+0.3026i	--	2.2147+0.6862i	-0.0877+0.0432i	-0.9575+0.0684i	2.1591+0.8252i	-0.0385+0.0249i	-1.6805+0.7995i
46.0	0.2550+0.2484i	--	2.1891+0.6665i	-0.1014+0.0511i	-1.1228+0.1684i	2.1824+0.8120i	-0.0507+0.0355i	-1.4845+0.6816i
46.1	0.1968+0.1548i	--	2.1913+0.6442i	-0.0574+0.0409i	-0.9699+0.3793i	2.1680+0.7594i	-0.0066+0.0264i	-1.5647+0.4767i
46.2	0.1185+0.1670i	--	2.1600+0.5858i	-0.1012+0.0243i	-0.6748+0.3067i	2.1208+0.6832i	-0.0559+0.0114i	-1.7372+0.1077i
46.3	0.0873+0.2048i	--	2.1317+0.5591i	-0.0961+0.0482i	-0.7105+0.1048i	2.0420+0.6685i	-0.0489+0.0446i	-2.2785+0.2297i
46.4	0.1159+0.2666i	--	2.1464+0.5440i	-0.0589+0.0681i	-0.9127+0.0202i	2.0193+0.6946i	-0.0031+0.0602i	-2.4371+0.6416i
46.5	0.1477+0.3008i	--	2.1383+0.4855i	-0.0121+0.0842i	-1.1141+0.1328i	2.0398+0.6760i	0.0471+0.0704i	-2.3488+0.8431i
46.6	0.1816+0.2946i	--	2.1248+0.4441i	0.0797+0.0558i	-1.0450+0.3284i	2.0313+0.6422i	0.1388+0.0394i	-2.4257+1.0057i
46.7	0.1843+0.2763i	--	2.0857+0.3746i	0.0640-0.0461i	-0.9475+0.2512i	2.0069+0.6179i	0.1226-0.0591i	-2.2391+1.1531i
46.8	0.1920+0.3047i	--	2.0305+0.3189i	0.0060-0.0888i	-0.8515+0.2609i	1.9771+0.5876i	0.0704-0.1037i	-2.2013+1.1645i
46.9	0.2126+0.3347i	--	1.9878+0.2796i	-0.0285-0.0931i	-0.8091+0.0671i	1.9628+0.5501i	0.0362-0.1065i	-2.1803+1.2779i
47.0	0.2391+0.3281i	--	1.9554+0.2608i	-0.0976-0.1121i	-0.9532-0.0233i	1.9567+0.5480i	-0.0266-0.1262i	-2.0749+1.3643i
47.1	0.2586+0.3379i	--	1.9261+0.2498i	-0.1075-0.0574i	-0.9295+0.0246i	1.9282+0.5216i	-0.0388-0.0785i	-2.1783+1.3626i
47.2	0.3218+0.3418i	--	1.9002+0.2294i	-0.1133-0.0571i	-1.0915-0.1204i	1.9140+0.5162i	-0.0445-0.0694i	-2.1212+1.6497i
47.3	0.3990+0.3162i	--	1.8715+0.1953i	-0.1511-0.0556i	-1.4072-0.0688i	1.9275+0.4993i	-0.0767-0.0689i	-1.7889+1.7838i
47.4	0.4223+0.2659i	--	1.8179+0.1610i	-0.1772+0.0122i	-1.3779+0.1914i	1.9168+0.4386i	-0.1097-0.0131i	-1.4976+1.5768i
47.5	0.4070+0.2228i	--	1.7938+0.1286i	-0.1449+0.0480i	-1.1459+0.3197i	1.8916+0.3905i	-0.0777+0.0252i	-1.4495+1.3974i
47.6	0.3999+0.2016i	--	1.7695+0.0993i	-0.1082-0.0040i	-1.0333+0.1366i	1.8590+0.3711i	-0.0325-0.0220i	-1.5178+1.3990i
47.7	0.4191+0.1881i	--	1.6924+0.0549i	-0.1594-0.0494i	-1.3204-0.1732i	1.8107+0.3574i	-0.0894-0.0678i	-1.4532+1.3535i
47.8	0.4347+0.1853i	--	1.6107+0.0497i	-0.2337-0.0175i	-1.7332+0.1190i	1.7971+0.3383i	-0.1581-0.0388i	-1.4502+1.2642i
47.9	0.4617+0.1597i	--	1.5744+0.0905i	-0.2481+0.0713i	-1.6252+0.6388i	1.7942+0.2981i	-0.1693+0.0424i	-1.4999+1.1460i
48.0	0.4539+0.1148i	--	1.5769+0.1077i	-0.2033+0.0576i	-1.3197+0.6103i	1.7618+0.2927i	-0.1195+0.0260i	-1.5496+1.1562i
48.1	0.4550+0.0657i	--	1.5739+0.1040i	-0.2198+0.0930i	-1.2863+0.6268i	1.7350+0.2550i	-0.1335+0.0615i	-1.6399+1.0454i
48.2	0.4291+0.0395i	--	1.5713+0.0940i	-0.1761+0.1494i	-1.1207+0.6868i	1.6903+0.2424i	-0.1014+0.1162i	-1.7942+1.0999i
48.3	0.4149+0.0505i	--	1.5481+0.0530i	-0.1638+0.1039i	-1.0339+0.6006i	1.6725+0.2581i	-0.0692+0.0695i	-1.8086+1.4228i
48.4	0.4073+0.0331i	--	1.5351+0.0399i	-0.1376+0.1203i	-0.8645+0.4169i	1.6513+0.2549i	-0.0495+0.0897i	-1.7679+1.3533i
48.5	0.4096+0.0320i	--	1.4867+0.0421i	-0.1414+0.1283i	-0.9958+0.3853i	1.6306+0.2458i	-0.0518+0.0925i	-1.8364+1.3485i
48.6	0.4103+0.0202i	--	1.5013+0.0473i	-0.0853+0.1400i	-0.7947+0.2502i	1.6042+0.2418i	0.0010+0.0981i	-2.0431+1.6191i
48.7	0.4084+0.0221i	--	1.4701-0.0165i	-0.0845+0.0902i	-0.9848-0.2427i	1.5923+0.2420i	-0.0006+0.0577i	-1.6419+1.8474i
48.8	0.4372+0.0201i	--	1.3637-0.0303i	-0.1929+0.0808i	-1.7323-0.2840i	1.6134+0.2341i	-0.1019+0.0518i	-1.2583+1.5199i
48.9	0.4678-0.0206i	--	1.3368+0.0403i	-0.1471+0.1691i	-1.8468+0.1757i	1.5881+0.2114i	-0.0550+0.1313i	-1.4847+1.2848i
49.0	0.4545-0.0779i	--	1.3747+0.0548i	-0.0697+0.2063i	-1.6418+0.3904i	1.5740+0.1712i	0.0183+0.1673i	-1.6011+1.2303i
49.1	0.4211-0.1178i	--	1.3946+0.0303i	-0.0168+0.2027i	-1.5060+0.4055i	1.5499+0.1392i	0.0715+0.1662i	-1.7162+1.2132i
49.2	0.4038-0.1196i	--	1.3692+0.0183i	-0.0183+0.1454i	-1.4897+0.3133i	1.5133+0.1623i	0.0813+0.0984i	-1.6946+1.4061i
49.3	0.3713-0.1251i	--	1.3610+0.0105i	-0.0798+0.1410i	-1.6235+0.3020i	1.5344+0.1722i	0.0224+0.0969i	-1.6190+1.4292i
49.4	0.3777-0.1192i	--	1.3433+0.0235i	-0.0973+0.2067i	-1.6405+0.4366i	1.5349+0.1441i	0.0010+0.1626i	-1.6366+1.3849i
49.5	0.3925-0.1527i	--	1.3590+0.0414i	-0.0390+0.2385i	-1.6315+0.5869i	1.5187+0.1377i	0.0590+0.1852i	-1.6831+1.3580i
49.6	0.3417-0.1934i	--	1.3756+0.0176i	0.0486+0.2116i	-1.5021+0.5678i	1.4826+0.1346i	0.1455+0.1601i	-1.8442+1.3521i
49.7	0.2889-0.1644i	--	1.3664-0.0238i	0.0523+0.1240i	-1.4336+0.3349i	1.4829+0.1488i	0.1470+0.0750i	-1.8194+1.5721i

49.8	0.2902-0.1187i	--	1.3276-0.0537i	0.0146+0.0728i	-1.5720+0.1222i	1.4881+0.1524i	0.1122+0.0218i	-1.6581+1.7276i
49.9	0.3205-0.1136i	--	1.2813-0.0570i	-0.0253+0.0984i	-1.7733+0.1979i	1.4836+0.1203i	0.0762+0.0509i	-1.4837+1.5443i
50.0	0.3227-0.1327i	--	1.2769-0.0455i	-0.0161+0.1175i	-1.8700+0.3923i	1.4777+0.1003i	0.0925+0.0737i	-1.6205+1.4146i
50.1	0.3174-0.1294i	--	1.2963-0.0501i	-0.0128+0.1009i	-1.9014+0.3842i	1.4892+0.1059i	0.0990+0.0485i	-1.7045+1.5819i
50.2	0.3351-0.1419i	--	1.2977-0.0590i	-0.0254+0.1256i	-1.9632+0.4894i	1.4902+0.0762i	0.0793+0.0728i	-1.5393+1.5599i
50.3	0.3317-0.1652i	--	1.2807-0.0791i	-0.0186+0.1473i	-2.0108+0.5761i	1.4697+0.0423i	0.0843+0.1010i	-1.4717+1.3660i
50.4	0.2982-0.1774i	--	1.2691-0.1019i	-0.0016+0.1676i	-1.9191+0.7656i	1.4617+0.0187i	0.0987+0.1208i	-1.5378+1.1992i
50.5	0.2740-0.1810i	--	1.2786-0.1071i	0.0514+0.1415i	-1.7654+0.9050i	1.4462+0.0221i	0.1539+0.0863i	-1.7740+1.2840i
50.6	0.2751-0.1709i	--	1.2773-0.1197i	0.0766+0.1262i	-1.8109+0.8817i	1.4421+0.0061i	0.1900+0.0674i	-1.9205+1.3502i
50.7	0.2800-0.1739i	--	1.2827-0.1497i	0.0793+0.1253i	-1.7293+0.9282i	1.4423-0.0273i	0.1962+0.0567i	-1.8969+1.4016i
50.8	0.2830-0.1836i	--	1.2575-0.1767i	0.1195+0.0956i	-1.6176+0.8410i	1.3835-0.0310i	0.2339+0.0267i	-2.0709+1.5059i
50.9	0.2997-0.1932i	--	1.2143-0.1896i	0.1114+0.0724i	-1.7733+0.6861i	1.3419-0.0281i	0.2218+0.0055i	-2.0926+1.6416i
51.0	0.2675-0.1828i	--	1.2190-0.2283i	0.1162+0.0512i	-1.7559+0.7426i	1.3542-0.0420i	0.2337-0.0164i	-2.0204+1.6490i
51.1	0.2628-0.1808i	--	1.1987-0.2518i	0.1036+0.0052i	-1.8718+0.7595i	1.3506-0.0359i	0.2306-0.0673i	-2.0149+1.7747i
51.2	0.2932-0.1916i	--	1.1486-0.2805i	0.0481-0.0007i	-2.0224+0.9320i	1.3656-0.0591i	0.1669-0.0744i	-1.8245+1.8054i
51.3	0.3059-0.2087i	--	1.1249-0.2795i	0.0553+0.0562i	-1.9744+1.0681i	1.3564-0.0984i	0.1658-0.0238i	-1.7759+1.6316i
51.4	0.2805-0.1959i	--	1.1132-0.2940i	0.0748+0.0453i	-1.7381+1.0976i	1.3507-0.1124i	0.1861-0.0286i	-1.8178+1.6053i
51.5	0.2818-0.1945i	--	1.0965-0.2898i	0.0868+0.0088i	-1.6630+1.1040i	1.3305-0.1039i	0.2034-0.0645i	-1.9198+1.6938i
51.6	0.2930-0.1911i	--	1.0620-0.2831i	0.0580-0.0026i	-1.7876+1.0523i	1.3232-0.0967i	0.1740-0.0757i	-1.9867+1.7333i
51.7	0.3046-0.2067i	--	1.0394-0.2800i	0.0596-0.0349i	-1.8738+0.9778i	1.3135-0.0829i	0.1780-0.1073i	-2.0679+1.8348i
51.8	0.3102-0.2121i	--	1.0116-0.2953i	0.0474-0.0752i	-1.9790+0.8927i	1.3058-0.0833i	0.1716-0.1514i	-1.9735+1.9045i
51.9	0.3152-0.2206i	--	0.9841-0.2475i	-0.0086-0.0202i	-2.0615+1.2643i	1.3285-0.0981i	0.1144-0.1047i	-1.9974+1.7347i
52.0	0.3590-0.2367i	--	0.9807-0.1907i	0.0047+0.0578i	-2.0539+1.3293i	1.3299-0.1130i	0.1260-0.0319i	-2.0509+1.7041i
52.1	0.3592-0.2879i	--	1.0060-0.1861i	0.0499+0.0869i	-2.0299+1.4631i	1.3116-0.1405i	0.1747-0.0033i	-2.0855+1.6317i
52.2	0.3229-0.3066i	--	1.0268-0.2179i	0.0956+0.0109i	-1.8955+1.5255i	1.2916-0.1342i	0.2147-0.0750i	-2.2640+1.7074i
52.3	0.3597-0.2885i	--	1.0143-0.2317i	0.0242-0.0205i	-2.0203+1.4193i	1.3337-0.1396i	0.1513-0.1063i	-2.1203+1.7150i
52.4	0.3787-0.3122i	--	1.0013-0.2071i	0.0342+0.0560i	-1.9798+1.6438i	1.3279-0.1703i	0.1598-0.0341i	-2.3189+1.4785i
52.5	0.4052-0.3431i	--	1.0341-0.1951i	0.0907+0.0818i	-1.6295+1.6774i	1.3041-0.2051i	0.2208-0.0143i	-2.5961+1.6122i
52.6	0.4065-0.4235i	--	1.0777-0.2141i	0.1327+0.0524i	-1.5800+1.7146i	1.2964-0.2131i	0.2657-0.0462i	-2.6725+1.7793i
52.7	0.3907-0.4981i	--	1.1020-0.2217i	0.1586+0.0903i	-1.6548+2.0049i	1.3162-0.2320i	0.2991-0.0162i	-2.8111+1.7568i
52.8	0.3737-0.5535i	--	1.1250-0.2266i	0.2703+0.1140i	-1.3717+2.1970i	1.2874-0.2607i	0.4285+0.0016i	-3.2919+1.7009i
52.9	0.3274-0.5735i	--	1.1395-0.2546i	0.3168+0.0067i	-1.0024+1.8731i	1.2658-0.2384i	0.4703-0.1008i	-3.5949+2.1388i
53.0	0.3036-0.5954i	--	1.1657-0.2953i	0.3466-0.0763i	-0.8907+1.5393i	1.2610-0.2379i	0.4991-0.1852i	-3.7461+2.5288i
53.1	0.2774-0.5994i	--	1.1768-0.3741i	0.2867-0.1974i	-1.1523+1.1339i	1.3181-0.2394i	0.4447-0.3165i	-3.6483+3.1196i
53.2	0.2700-0.6791i	--	1.1941-0.4263i	0.3073-0.2265i	-1.3242+1.0752i	1.3184-0.2771i	0.4693-0.3528i	-3.6778+3.3640i
53.3	0.2363-0.7538i	--	1.2144-0.4872i	0.3413-0.3026i	-1.2969+0.9876i	1.3047-0.2797i	0.5028-0.4366i	-3.7368+3.6978i
53.4	0.1726-0.7941i	--	1.1653-0.5728i	0.2376-0.3551i	-1.7216+0.9542i	1.3481-0.3158i	0.4031-0.4998i	-3.4193+3.9717i
53.5	0.0978-0.8206i	--	1.1195-0.5840i	0.2479-0.2990i	-1.5796+1.3538i	1.3344-0.4034i	0.4027-0.4590i	-3.3631+3.8965i
53.6	0.0135-0.8805i	--	1.1404-0.6188i	0.3038-0.4229i	-1.3473+1.1467i	1.3073-0.4074i	0.4627-0.5945i	-3.5655+4.4472i
53.7	-0.1332-0.9108i	--	1.1127-0.6957i	0.1851-0.5467i	-1.6670+1.0759i	1.3476-0.4109i	0.3486-0.7309i	-3.3202+4.9743i
53.8	-0.1853-0.8682i	--	1.0899-0.7529i	0.1380-0.5624i	-1.7992+0.9701i	1.3597-0.4637i	0.3007-0.7562i	-3.2055+5.3390i
53.9	-0.2164-0.9014i	--	0.9923-0.8187i	-0.0450-0.6447i	-2.4372+0.9325i	1.4091-0.4702i	0.1138-0.8497i	-2.4798+5.7308i
54.0	-0.4002-0.9108i	--	0.9079-0.8306i	-0.1308-0.5950i	-2.5183+1.4839i	1.3849-0.5435i	0.0197-0.8101i	-2.1077+5.5936i
54.1	-0.5849-0.7981i	--	0.8085-0.8647i	-0.2885-0.5612i	-2.5845+1.8155i	1.4150-0.6440i	-0.1456-0.7878i	-1.8327+5.7508i
54.2	-0.6286-0.7312i	--	0.7945-0.8288i	-0.2916-0.4373i	-2.3731+2.0437i	1.3775-0.7484i	-0.1505-0.6793i	-1.8539+5.9107i
54.3	-0.7224-0.6387i	--	0.7478-0.8894i	-0.3314-0.5349i	-2.4864+1.8656i	1.3372-0.7589i	-0.2052-0.7885i	-1.1244+6.3967i
54.4	-0.7713-0.4941i	--	0.6379-0.8851i	-0.4842-0.4780i	-2.6668+2.1276i	1.3198-0.8197i	-0.3756-0.7285i	-0.4734+6.1968i
54.5	-0.7878-0.3382i	--	0.5588-0.8386i	-0.5880-0.3570i	-2.6573+2.5511i	1.2950-0.8927i	-0.4914-0.6099i	0.0169+5.9285i
54.6	-0.7767-0.1889i	--	0.5023-0.7578i	-0.6459-0.1856i	-2.5276+3.0125i	1.2482-0.9733i	-0.5648-0.4504i	0.4186+5.5180i
54.7	-0.7264-0.1328i	--	0.5744-0.6963i	-0.4704-0.0425i	-1.9055+3.2595i	1.1277-1.0510i	-0.4095-0.3139i	0.3132+5.4202i
54.8	-0.7273-0.0611i	--	0.5874-0.7376i	-0.4349-0.1237i	-1.8997+2.8750i	1.0771-1.0234i	-0.3779-0.3933i	0.5371+5.7707i
54.9	-0.6838+0.0658i	--	0.5184-0.7499i	-0.5788-0.1242i	-2.2500+2.9428i	1.1034-1.0223i	-0.5313-0.3928i	1.1291+5.5464i
55.0	-0.5797+0.1509i	--	0.5103-0.7180i	-0.5262+0.0353i	-1.8245+3.4454i	0.9899-1.1141i	-0.4961-0.2378i	1.3426+4.9975i
55.1	-0.4816+0.1960i	--	0.5479-0.6757i	-0.3653+0.1440i	-1.3480+3.8130i	0.8553-1.1675i	-0.3511-0.1262i	1.1581+4.7173i
55.2	-0.3852+0.2106i	--	0.5542-0.6939i	-0.3282+0.1232i	-1.1791+3.8105i	0.7932-1.1497i	-0.3153-0.1484i	1.2769+4.7046i
55.3	-0.3065+0.1811i	--	0.5393-0.7552i	-0.3013+0.0758i	-0.9331+3.5090i	0.7360-1.1162i	-0.2973-0.1857i	1.4140+4.4631i
55.4	-0.2547+0.1718i	--	0.5584-0.7829i	-0.2306+0.0851i	-0.5986+3.5437i	0.6766-1.1341i	-0.2395-0.1733i	1.4260+4.3449i
55.5	-0.2217+0.1479i	--	0.5343-0.8665i	-0.1433+0.0352i	-0.3662+3.3245i	0.5605-1.1394i	-0.1586-0.2134i	1.4521+4.3262i
55.6	-0.2138+0.1662i	--	0.4508-0.9017i	-0.2332-0.0068i	-0.3726+3.2987i	0.5293-1.1154i	-0.2589-0.2517i	1.8011+4.2883i
55.7	-0.1835+0.1637i	--	0.3999-0.8942i	-0.3011+0.0204i	-0.3264+3.3552i	0.5272-1.1048i	-0.3368-0.2222i	2.0058+4.0080i
55.8	-0.1345+0.1085i	--	0.3366-0.8908i	-0.2625+0.0188i	-0.2532+3.3333i	0.4495-1.0779i	-0.3049-0.2198i	1.8943+3.8415i
55.9	-0.1085+0.0847i	--	0.3070-0.8716i	-0.2331+0.0266i	-0.0733+3.3059i	0.4029-1.0490i	-0.2786-0.2070i	1.8736+3.7107i
56.0	-0.0970+0.0401i	--	0.2759-0.8848i	-0.1733-0.0100i	0.2335+3.0602i	0.3198-1.0160i	-0.2209-0.2293i	1.8121+3.5971i

56.1	-0.1163+0.0600i	--	0.1853-0.9176i	-0.2154-0.0994i	0.2026+2.6924i	0.2656-0.9590i	-0.2691-0.3120i	1.9893+3.5425i
56.2	-0.0559+0.0575i	--	0.0978-0.8809i	-0.2776-0.0145i	0.1805+2.7084i	0.2254-0.9572i	-0.3446-0.2172i	2.1286+3.1842i
56.3	-0.0326+0.0273i	--	0.0659-0.8262i	-0.3060+0.0520i	0.2714+2.7362i	0.2154-0.9352i	-0.3722-0.1519i	2.0804+2.9583i
56.4	-0.0241+0.0134i	--	0.0389-0.7758i	-0.2980+0.0593i	0.3025+2.6989i	0.2023-0.8807i	-0.3614-0.1322i	2.0373+2.8438i
56.5	-0.0319-0.0222i	--	0.0139-0.7508i	-0.2940+0.0740i	0.3781+2.5880i	0.1722-0.8474i	-0.3611-0.1069i	2.0427+2.7581i
56.6	-0.0715-0.0526i	--	-0.0172-0.7230i	-0.2755+0.0494i	0.4409+2.4611i	0.1362-0.7990i	-0.3453-0.1218i	1.9799+2.6788i
56.7	-0.0913-0.0624i	--	-0.0435-0.6857i	-0.2613+0.0553i	0.4164+2.3257i	0.1225-0.7491i	-0.3293-0.1118i	1.8701+2.5860i
56.8	-0.0653-0.0717i	--	-0.0585-0.6587i	-0.2342+0.0973i	0.4247+2.3455i	0.0991-0.7461i	-0.3023-0.0680i	1.8553+2.4085i
56.9	-0.0691-0.0621i	--	-0.0859-0.6315i	-0.2465+0.0874i	0.4185+2.2819i	0.0851-0.7091i	-0.3146-0.0740i	1.8420+2.3597i
57.0	-0.0941-0.0852i	--	-0.0919-0.6031i	-0.2266+0.0935i	0.4814+2.2654i	0.0652-0.6892i	-0.2897-0.0635i	1.7165+2.3130i
57.1	-0.1317-0.0756i	--	-0.0827-0.6027i	-0.1982+0.0339i	0.5651+2.0689i	0.0509-0.6379i	-0.2658-0.1191i	1.6784+2.3571i
57.2	-0.1265-0.0677i	--	-0.0997-0.5837i	-0.2314+0.0198i	0.3719+1.9195i	0.0781-0.6097i	-0.2932-0.1291i	1.7152+2.2707i
57.3	-0.1110-0.0671i	--	-0.1167-0.5340i	-0.2772+0.0890i	0.2821+2.0142i	0.0953-0.6190i	-0.3367-0.0567i	1.7717+2.1219i
57.4	-0.1169-0.0499i	--	-0.1344-0.4963i	-0.2647+0.1148i	0.3603+2.0848i	0.0766-0.5943i	-0.3258-0.0259i	1.7426+2.0298i
57.5	-0.1450-0.0712i	--	-0.1236-0.4851i	-0.1916+0.0619i	0.4557+1.9928i	0.0445-0.5469i	-0.2530-0.0745i	1.5609+2.0043i
57.6	-0.1188-0.0703i	--	-0.1153-0.4630i	-0.1676+0.0544i	0.4718+1.9086i	0.0432-0.5262i	-0.2292-0.0837i	1.4752+1.9745i
57.7	-0.1627-0.0668i	--	-0.1476-0.4512i	-0.2304+0.0808i	0.4734+1.9860i	0.0459-0.5306i	-0.2946-0.0557i	1.5991+1.9891i
57.8	-0.1550-0.0410i	--	-0.1560-0.4136i	-0.2725+0.0935i	0.5291+1.9422i	0.0700-0.5027i	-0.3351-0.0503i	1.6637+1.9515i
57.9	-0.1704-0.0428i	--	-0.1490-0.3898i	-0.2660+0.1093i	0.5554+2.0387i	0.0804-0.5123i	-0.3276-0.0315i	1.6072+1.9519i
58.0	-0.1799-0.0629i	--	-0.1559-0.3860i	-0.2753+0.1156i	0.5108+1.9494i	0.0809-0.5057i	-0.3354-0.0217i	1.5954+1.9439i
58.1	-0.1717-0.0875i	--	-0.1515-0.3766i	-0.2211+0.1094i	0.5736+1.8302i	0.0563-0.4828i	-0.2807-0.0182i	1.5792+1.8946i
58.2	-0.1733-0.0668i	--	-0.1532-0.3345i	-0.1860+0.1072i	0.5768+1.7947i	0.0441-0.4635i	-0.2504-0.0222i	1.5374+1.7826i
58.3	-0.2020-0.0487i	--	-0.1581-0.3280i	-0.1966+0.1198i	0.5975+1.7987i	0.0378-0.4628i	-0.2597-0.0131i	1.4936+1.7873i
58.4	-0.2279-0.0513i	--	-0.1690-0.3009i	-0.1902+0.1582i	0.6205+1.8127i	0.0205-0.4483i	-0.2499+0.0264i	1.4849+1.7875i
58.5	-0.2653-0.0673i	--	-0.1526-0.2952i	-0.1587+0.1177i	0.6396+1.7472i	0.0089-0.4326i	-0.2224-0.0086i	1.4441+1.7508i
58.6	-0.2581-0.1026i	--	-0.1449-0.2758i	-0.1723+0.1105i	0.5757+1.7493i	0.0304-0.4205i	-0.2327-0.0188i	1.4887+1.7763i
58.7	-0.2268-0.0791i	--	-0.1549-0.2746i	-0.1936+0.0931i	0.4935+1.6123i	0.0463-0.3963i	-0.2530-0.0339i	1.5278+1.7265i
58.8	-0.2497-0.0137i	--	-0.1309-0.2538i	-0.1394+0.0876i	0.5994+1.6452i	0.0175-0.3771i	-0.2010-0.0381i	1.4287+1.7407i
58.9	-0.2816+0.0483i	--	-0.1305-0.2466i	-0.1834+0.0271i	0.6131+1.5890i	0.0380-0.3367i	-0.2439-0.0941i	1.4788+1.7679i
59.0	-0.2809+0.0845i	--	-0.1348-0.2359i	-0.1949+0.0359i	0.6319+1.6065i	0.0348-0.3397i	-0.2612-0.0800i	1.5236+1.7354i
59.1	-0.2699+0.0875i	--	-0.1424-0.2343i	-0.2094+0.0526i	0.6407+1.5672i	0.0349-0.3452i	-0.2731-0.0645i	1.5056+1.6473i
59.2	-0.2496+0.0998i	--	-0.1424-0.2241i	-0.2167+0.0586i	0.6152+1.4663i	0.0374-0.3368i	-0.2829-0.0493i	1.4762+1.5527i
59.3	-0.2394+0.1184i	--	-0.1397-0.2001i	-0.2082+0.0724i	0.6207+1.4381i	0.0409-0.3289i	-0.2789-0.0319i	1.4608+1.5091i
59.4	-0.2228+0.1478i	--	-0.1572-0.1923i	-0.1972+0.0746i	0.5342+1.4110i	0.0432-0.3141i	-0.2623-0.0325i	1.4315+1.4806i
59.5	-0.2158+0.1645i	--	-0.1434-0.2064i	-0.1608+0.0470i	0.5982+1.2638i	0.0168-0.2931i	-0.2289-0.0552i	1.4076+1.4111i
59.6	-0.1869+0.1993i	--	-0.1379-0.1760i	-0.2144+0.0617i	0.6413+1.3307i	0.0294-0.2925i	-0.2844-0.0393i	1.4479+1.4558i
59.7	-0.1665+0.1867i	--	-0.1288-0.1655i	-0.2335+0.0398i	0.7000+1.3783i	0.0462-0.2710i	-0.3004-0.0631i	1.4341+1.5480i
59.8	-0.1718+0.1889i	--	-0.1431-0.1587i	-0.2273+0.0578i	0.5405+1.3436i	0.0473-0.2755i	-0.2892-0.0394i	1.3806+1.4659i
59.9	-0.1438+0.2051i	--	-0.1589-0.1356i	-0.2446+0.0919i	0.4726+1.2487i	0.0563-0.2728i	-0.3025-0.0153i	1.3592+1.3578i
60.0	-0.1392+0.2087i	--	-0.1693-0.1151i	-0.2220+0.1122i	0.5059+1.1076i	0.0450-0.2753i	-0.2671-0.0095i	1.3391+1.2080i
60.1	-0.1062+0.1878i	--	-0.1464-0.1249i	-0.1719+0.1466i	0.5305+1.1206i	0.0188-0.2869i	-0.2318+0.0482i	1.2877+1.1395i
60.2	-0.0744+0.2174i	--	-0.1381-0.1313i	-0.1913+0.1396i	0.5756+1.1103i	0.0197-0.2722i	-0.2473+0.0497i	1.2888+1.1869i
60.3	-0.0585+0.2487i	--	-0.1404-0.1414i	-0.2482+0.0909i	0.6227+1.1107i	0.0441-0.2610i	-0.3130+0.0008i	1.4259+1.2349i
60.4	-0.0197+0.2654i	--	-0.1418-0.1223i	-0.2126+0.1098i	0.5588+1.1498i	0.0327-0.2555i	-0.2715+0.0210i	1.3690+1.1929i
60.5	0.0038+0.2570i	--	-0.1355-0.1074i	-0.1641+0.1465i	0.4675+1.0634i	0.0199-0.2556i	-0.2189+0.0562i	1.2992+1.1190i
60.6	0.0716+0.2498i	--	-0.1395-0.1120i	-0.1856+0.1457i	0.4439+0.9841i	0.0211-0.2560i	-0.2412+0.0594i	1.2880+1.0951i
60.7	0.1520+0.2469i	--	-0.1398-0.0958i	-0.2415+0.1572i	0.4857+1.1191i	0.0354-0.2592i	-0.2991+0.0680i	1.3099+1.1725i
60.8	0.2228+0.1831i	--	-0.1298-0.0800i	-0.2381+0.2386i	0.5287+1.1042i	0.0396-0.2674i	-0.2945+0.1519i	1.3398+1.0966i
60.9	0.2470+0.0946i	--	-0.1235-0.0648i	-0.2008+0.2453i	0.4921+1.0563i	0.0312-0.2523i	-0.2609+0.1597i	1.2841+1.0437i
61.0	0.2006+0.0256i	--	-0.1350-0.0680i	-0.1988+0.1902i	0.4566+1.0648i	0.0411-0.2410i	-0.2571+0.1055i	1.2528+1.0528i
61.1	0.1626-0.0037i	--	-0.1378-0.0625i	-0.2184+0.1829i	0.4138+1.1164i	0.0500-0.2454i	-0.2747+0.0952i	1.2433+1.0967i
61.2	0.0935-0.0241i	--	-0.1334-0.0428i	-0.1984+0.1538i	0.3427+1.0524i	0.0523-0.2329i	-0.2492+0.0698i	1.2061+1.0459i
61.3	0.0790-0.0449i	--	-0.1210-0.0465i	-0.1509+0.1819i	0.4218+0.9729i	0.0343-0.2335i	-0.2093+0.1041i	1.1970+0.9188i
61.4	0.0598-0.0370i	--	-0.1176-0.0470i	-0.1837+0.1945i	0.4543+0.9594i	0.0313-0.2333i	-0.2454+0.1178i	1.2239+0.9097i
61.5	0.0475-0.0114i	--	-0.1137-0.0439i	-0.2299+0.1521i	0.4798+0.9523i	0.0252-0.2224i	-0.2893+0.0731i	1.1909+0.8863i
61.6	0.0596-0.0213i	--	-0.1140-0.0317i	-0.1897+0.2019i	0.4732+0.9346i	0.0223-0.2366i	-0.2507+0.1265i	1.1753+0.8339i
61.7	0.0588-0.0162i	--	-0.1056-0.0191i	-0.1855+0.2215i	0.4963+0.9823i	0.0317-0.2242i	-0.2455+0.1456i	1.1986+0.9122i
61.8	0.0466-0.0118i	--	-0.1123-0.0111i	-0.1998+0.1756i	0.4826+1.0329i	0.0231-0.2159i	-0.2542+0.1011i	1.1507+0.9427i
61.9	0.0432+0.0083i	--	-0.1009-0.0010i	-0.1930+0.1908i	0.4308+1.0737i	0.0258-0.2165i	-0.2420+0.1099i	1.1064+0.9401i
62.0	0.0206-0.0232i	--	-0.0958+0.0000i	-0.1258+0.1692i	0.3874+1.0137i	0.0110-0.2047i	-0.1763+0.0856i	1.0419+0.8811i
62.1	0.0116-0.0631i	--	-0.1014-0.0052i	-0.0775+0.2090i	0.3648+0.8850i	0.0093-0.2143i	-0.1301+0.1306i	1.0547+0.7876i
62.2	0.0302-0.0485i	--	-0.1019-0.0058i	-0.1077+0.2071i	0.3506+0.8548i	0.0138-0.2037i	-0.1568+0.1359i	1.0023+0.7845i
62.3	0.0170-0.0450i	--	-0.0822+0.0162i	-0.0676+0.2254i	0.4282+0.9175i	-0.0091-0.2127i	-0.1182+0.1504i	1.0229+0.7724i

62.4	-0.0128-0.0174i	--	-0.0844+0.0082i	-0.0809+0.1075i	0.4149+0.8952i	-0.0121-0.1813i	-0.1333+0.0380i	0.9900+0.7713i
62.5	0.0130-0.0219i	--	-0.0889-0.0101i	-0.1372+0.0854i	0.4367+0.8010i	0.0036-0.1725i	-0.1893+0.0182i	0.9452+0.7559i
62.6	0.0193-0.0609i	--	-0.0728+0.0094i	-0.1080+0.1998i	0.4243+0.8261i	-0.0109-0.1943i	-0.1596+0.1290i	0.9129+0.7642i
62.7	0.0097-0.0601i	--	-0.0700+0.0144i	-0.1040+0.2351i	0.4535+0.8187i	-0.0060-0.2081i	-0.1547+0.1627i	0.9771+0.7330i
62.8	0.0161-0.0313i	--	-0.0617+0.0223i	-0.1958+0.2277i	0.4583+0.8777i	0.0045-0.1915i	-0.2476+0.1547i	0.9352+0.7691i
62.9	-0.0161-0.0772i	--	-0.0611+0.0224i	-0.0815+0.1876i	0.4001+0.8887i	-0.0044-0.1807i	-0.1315+0.1160i	0.9432+0.7705i
63.0	-0.0172-0.0752i	--	-0.0611+0.0171i	-0.0664+0.1981i	0.3907+0.8224i	-0.0070-0.1864i	-0.1123+0.1326i	0.9571+0.7419i
63.1	-0.0102-0.0773i	--	-0.0618+0.0106i	-0.1078+0.2457i	0.3861+0.7420i	0.0054-0.1836i	-0.1550+0.1830i	0.9433+0.7189i
63.2	-0.0181-0.0600i	--	-0.0555+0.0127i	-0.1340+0.2044i	0.3690+0.8078i	-0.0008-0.1601i	-0.1850+0.1411i	0.8241+0.7862i
63.3	-0.0254-0.0656i	--	-0.0473+0.0223i	-0.1319+0.2075i	0.3566+0.7174i	-0.0073-0.1555i	-0.1829+0.1448i	0.7914+0.7314i
63.4	-0.0600-0.0823i	--	-0.0399+0.0092i	-0.0415+0.1612i	0.3583+0.6766i	-0.0055-0.1259i	-0.0854+0.1002i	0.8268+0.7601i
63.5	-0.1059-0.1018i	--	-0.0261+0.0218i	0.0746+0.1537i	0.4672+0.7049i	-0.0368-0.1533i	0.0238+0.0954i	0.8806+0.6847i
63.6	-0.0454-0.0892i	--	-0.0381+0.0227i	-0.0667+0.2642i	0.4354+0.6840i	-0.0081-0.1764i	-0.1177+0.2027i	0.9041+0.6587i
63.7	-0.0568-0.0453i	--	-0.0363+0.0117i	-0.1035+0.1540i	0.4241+0.6822i	-0.0008-0.1311i	-0.1531+0.0916i	0.8487+0.7421i
63.8	-0.0655-0.0733i	--	-0.0447+0.0163i	-0.0194+0.1554i	0.3884+0.6858i	-0.0109-0.1256i	-0.0683+0.0931i	0.8818+0.7600i
63.9	-0.0484-0.1091i	--	-0.0441+0.0176i	0.0430+0.2493i	0.3427+0.6543i	-0.0217-0.1490i	-0.0079+0.1890i	0.8944+0.7169i
64.0	-0.0149-0.0995i	--	-0.0400+0.0316i	-0.0384+0.3384i	0.3485+0.6076i	-0.0135-0.1862i	-0.0957+0.2773i	0.9267+0.6591i
64.1	-0.0480-0.0873i	--	-0.0441+0.0215i	-0.0693+0.2459i	0.3359+0.6397i	0.0180-0.1531i	-0.1193+0.1839i	0.8782+0.7736i
64.2	-0.0650-0.0373i	--	-0.0554+0.0286i	-0.0834+0.1663i	0.2397+0.6397i	-0.0020-0.1376i	-0.1260+0.1007i	0.7690+0.6938i
64.3	-0.0411-0.0466i	--	-0.0448+0.0194i	-0.0626+0.1994i	0.2782+0.5757i	-0.0241-0.1323i	-0.1055+0.1404i	0.7890+0.7110i
64.4	-0.0304-0.0545i	--	-0.0381+0.0171i	-0.0666+0.1791i	0.3151+0.5437i	-0.0291-0.1095i	-0.1101+0.1209i	0.8080+0.7043i
64.5	-0.0687-0.0621i	--	-0.0297+0.0146i	-0.0226+0.1823i	0.3239+0.5568i	-0.0276-0.1137i	-0.0716+0.1236i	0.7924+0.6952i
64.6	-0.0085-0.0549i	--	-0.0467+0.0178i	-0.0794+0.2880i	0.3131+0.5975i	-0.0093-0.1411i	-0.1215+0.2279i	0.8037+0.7739i
64.7	-0.0342-0.0306i	--	-0.0565+0.0096i	-0.1197+0.2033i	0.2197+0.5469i	-0.0227-0.1123i	-0.1608+0.1489i	0.6984+0.7596i
64.8	-0.0846-0.0351i	--	-0.0485-0.0096i	-0.0495+0.1245i	0.2172+0.5345i	-0.0191-0.0959i	-0.0908+0.0693i	0.7288+0.7376i
64.9	-0.0836-0.0549i	--	-0.0495+0.0022i	-0.0872+0.1919i	0.2052+0.5139i	0.0046-0.0931i	-0.1313+0.1360i	0.7793+0.7396i
65.0	-0.0327-0.0843i	--	-0.0489+0.0319i	-0.1333+0.3102i	0.2195+0.5233i	-0.0124-0.1023i	-0.1794+0.2554i	0.8181+0.7031i
65.1	-0.0496-0.0963i	--	-0.0378+0.0139i	0.0568+0.2916i	0.2232+0.5131i	-0.0350-0.0929i	0.0106+0.2421i	0.8346+0.6650i
65.2	-0.0961-0.0670i	--	-0.0438+0.0073i	0.0560+0.1767i	0.2077+0.5534i	-0.0279-0.1070i	0.0190+0.1271i	0.7755+0.6167i
65.3	-0.0681-0.0783i	--	-0.0376+0.0129i	0.0113+0.2573i	0.1672+0.5111i	-0.0248-0.1065i	-0.0230+0.2080i	0.7399+0.6239i
65.4	-0.0474-0.0020i	--	-0.0530+0.0049i	-0.1223+0.1777i	0.1819+0.5037i	-0.0098-0.0710i	-0.1567+0.1263i	0.6991+0.6919i
65.5	-0.0876-0.0596i	--	-0.0592+0.0091i	0.0179+0.1564i	0.1731+0.5004i	-0.0326-0.0566i	-0.0210+0.1050i	0.7569+0.6631i
65.6	-0.1004-0.0761i	--	-0.0477+0.0150i	0.1026+0.1644i	0.1665+0.4707i	-0.0426-0.0649i	0.0569+0.1198i	0.7610+0.5332i
65.7	-0.0961-0.0255i	--	-0.0708-0.0084i	-0.0300+0.0641i	0.1395+0.4628i	-0.0160-0.0557i	-0.0676+0.0192i	0.7056+0.5508i
65.8	-0.0488-0.0632i	--	-0.0962+0.0162i	-0.0810+0.1737i	0.1429+0.5597i	-0.0007-0.0807i	-0.1221+0.1267i	0.7876+0.6287i
65.9	-0.0644-0.0366i	--	-0.0954+0.0058i	-0.0625+0.0939i	0.1402+0.5180i	0.0123-0.0634i	-0.0987+0.0432i	0.7840+0.6087i
66.0	-0.0787-0.0496i	--	-0.0651+0.0200i	0.0002+0.1348i	0.0750+0.4761i	-0.0060-0.0564i	-0.0303+0.0883i	0.6723+0.5363i
66.1	-0.0793+0.0105i	--	-0.0704+0.0223i	-0.1057+0.0025i	0.0525+0.5401i	-0.0102-0.0263i	-0.1351-0.0409i	0.5318+0.5119i
66.2	-0.0993-0.0449i	--	-0.0616+0.0197i	0.0116+0.0600i	0.0555+0.5173i	-0.0078-0.0299i	-0.0205+0.0153i	0.6087+0.5324i
66.3	-0.0640-0.0522i	--	-0.0606+0.0376i	-0.0088+0.1614i	0.0981+0.4759i	-0.0035-0.0529i	-0.0419+0.1190i	0.6475+0.5065i
66.4	-0.0590-0.0669i	--	-0.0741+0.0217i	0.0215+0.1748i	0.0510+0.3659i	-0.0126-0.0538i	-0.0091+0.1331i	0.6307+0.4789i
66.5	-0.0982-0.0523i	--	-0.0912-0.0056i	0.0187-0.0491i	0.0157+0.4542i	-0.0181-0.0293i	-0.0113-0.0898i	0.5264+0.4513i
66.6	-0.0791-0.0548i	--	-0.0906+0.0179i	-0.0033+0.0438i	0.0318+0.4937i	-0.0051-0.0257i	-0.0384-0.0010i	0.5819+0.5266i
66.7	-0.0589-0.0642i	--	-0.0883+0.0202i	-0.0019+0.1313i	0.0473+0.4695i	0.0009-0.0333i	-0.0344+0.0872i	0.6094+0.5635i
66.8	-0.0539-0.1031i	--	-0.0927+0.0226i	0.0338+0.1908i	0.0132+0.4484i	0.0038-0.0397i	0.0047+0.1489i	0.6345+0.5423i
66.9	-0.0862-0.0765i	--	-0.1168+0.0052i	-0.0344-0.0010i	-0.0068+0.4514i	0.0281-0.0149i	-0.0588-0.0425i	0.5943+0.5211i
67.0	-0.0779-0.0536i	--	-0.1165+0.0085i	-0.0934-0.0465i	0.0118+0.4519i	0.0160-0.0200i	-0.1222-0.0844i	0.4967+0.5007i
67.1	-0.0848-0.0722i	--	-0.0926+0.0250i	-0.0501+0.0164i	0.0547+0.4614i	-0.0136-0.0305i	-0.0811-0.0249i	0.4827+0.4432i
67.2	-0.0699-0.1036i	--	-0.0994+0.0291i	-0.0784+0.1136i	-0.0324+0.4339i	-0.0103-0.0292i	-0.1006+0.0711i	0.4037+0.5255i
67.3	-0.0975-0.1289i	--	-0.0909+0.0270i	-0.0270+0.1445i	-0.0795+0.4582i	-0.0023-0.0234i	-0.0461+0.1011i	0.3758+0.5566i
67.4	-0.1225-0.1026i	--	-0.1087+0.0226i	-0.0714+0.0365i	-0.0730+0.4338i	0.0123-0.0054i	-0.0897-0.0029i	0.3677+0.4960i
67.5	-0.1044-0.1110i	--	-0.1065+0.0116i	-0.0491+0.0730i	-0.0625+0.4467i	0.0084-0.0175i	-0.0687+0.0359i	0.4429+0.5238i
67.6	-0.1285-0.1431i	--	-0.0907+0.0109i	0.0882+0.1463i	-0.0216+0.4313i	-0.0256-0.0159i	0.0619+0.1070i	0.4707+0.5179i
67.7	-0.1326-0.1362i	--	-0.1080+0.0224i	0.0151+0.1231i	-0.0523+0.3963i	0.0008+0.0020i	-0.0064+0.0863i	0.4502+0.5320i
67.8	-0.1293-0.1136i	--	-0.1130+0.0138i	-0.0397+0.0693i	-0.0650+0.3357i	0.0335+0.0189i	-0.0531+0.0321i	0.3712+0.5874i
67.9	-0.1240-0.0971i	--	-0.1157+0.0232i	-0.0328+0.0746i	-0.0410+0.3811i	0.0246+0.0170i	-0.0529+0.0328i	0.3929+0.6500i
68.0	-0.1456-0.0854i	--	-0.1244+0.0251i	-0.0884+0.0797i	-0.0679+0.3973i	0.0364+0.0016i	-0.1075+0.0356i	0.3956+0.6391i
68.1	-0.1496-0.1074i	--	-0.1339+0.0285i	-0.1148+0.0897i	-0.1108+0.3433i	0.0384+0.0100i	-0.1293+0.0506i	0.3216+0.6328i
68.2	-0.1980-0.1297i	--	-0.1485+0.0378i	-0.0661+0.1063i	-0.1092+0.3517i	0.0334+0.0143i	-0.0783+0.0698i	0.3323+0.6191i
68.3	-0.1982-0.1112i	--	-0.1468+0.0432i	-0.0691+0.0877i	-0.1295+0.3414i	0.0383+0.0067i	-0.0804+0.0495i	0.3314+0.6428i
68.4	-0.1831-0.0932i	--	-0.1465+0.0355i	-0.1123+0.0389i	-0.1757+0.2999i	0.0536+0.0177i	-0.1199-0.0007i	0.2699+0.6635i
68.5	-0.1980-0.0939i	--	-0.1427+0.0471i	-0.1051+0.0313i	-0.1791+0.3301i	0.0490+0.0369i	-0.1145-0.0083i	0.2434+0.6996i
68.6	-0.2235-0.1048i	--	-0.1393+0.0633i	-0.0696+0.0835i	-0.1336+0.3541i	0.0448+0.0187i	-0.0846+0.0464i	0.3516+0.6879i

68.7	-0.2143-0.1060i	--	-0.1463+0.0441i	-0.1117+0.0690i	-0.1536+0.3081i	0.0527+0.0139i	-0.1218+0.0337i	0.3832+0.7010i
68.8	-0.2301-0.1039i	--	-0.1423+0.0504i	-0.1014+0.1026i	-0.1662+0.2710i	0.0616+0.0108i	-0.1139+0.0653i	0.4008+0.7109i
68.9	-0.2370-0.0811i	--	-0.1360+0.0355i	-0.0857+0.0465i	-0.1925+0.2421i	0.0549+0.0100i	-0.0913+0.0159i	0.3437+0.6466i
69.0	-0.2360-0.0511i	--	-0.1560+0.0095i	-0.1252-0.0689i	-0.2340+0.2088i	0.0586+0.0275i	-0.1225-0.0990i	0.2830+0.6066i
69.1	-0.2635-0.0281i	--	-0.1498+0.0462i	-0.0961+0.0023i	-0.2434+0.2572i	0.0659+0.0075i	-0.0941-0.0371i	0.3640+0.6299i
69.2	-0.3128-0.0100i	--	-0.1439+0.0671i	-0.0636+0.0027i	-0.3631+0.2483i	0.0607-0.0087i	-0.0598-0.0376i	0.3112+0.5838i
69.3	-0.2790+0.0019i	--	-0.1552+0.0699i	-0.1330+0.0248i	-0.3670+0.2127i	0.0757-0.0001i	-0.1332-0.0091i	0.2722+0.5973i
69.4	-0.2574-0.0130i	--	-0.1432+0.0645i	-0.1198+0.0196i	-0.2928+0.2322i	0.0785+0.0214i	-0.1247-0.0143i	0.3297+0.6566i
69.5	-0.2700+0.0062i	--	-0.1576+0.0681i	-0.1210-0.0678i	-0.2881+0.2451i	0.0794+0.0359i	-0.1239-0.1045i	0.3279+0.6216i
69.6	-0.2795+0.0109i	--	-0.1586+0.0779i	-0.0564-0.0192i	-0.3504+0.2807i	0.0709+0.0278i	-0.0567-0.0554i	0.3536+0.6889i
69.7	-0.2771+0.0247i	--	-0.1611+0.0440i	-0.0619-0.0237i	-0.4185+0.2216i	0.0637+0.0084i	-0.0585-0.0568i	0.3008+0.6311i
69.8	-0.2818+0.0454i	--	-0.1753+0.0585i	-0.1389+0.0110i	-0.4817+0.2115i	0.0758-0.0069i	-0.1325-0.0243i	0.2117+0.6192i
69.9	-0.2709+0.0161i	--	-0.1639+0.0713i	-0.1416+0.0643i	-0.4364+0.2364i	0.0910+0.0011i	-0.1304+0.0326i	0.2750+0.6942i
70.0	-0.2707-0.0010i	--	-0.1685+0.0658i	-0.0985+0.0689i	-0.4752+0.1987i	0.0821+0.0198i	-0.0860+0.0346i	0.2506+0.7190i
70.1	-0.2690+0.0377i	--	-0.1959+0.0940i	-0.1804+0.0188i	-0.5198+0.2414i	0.1020+0.0411i	-0.1689-0.0182i	0.2143+0.7456i
70.2	-0.2591+0.0556i	--	-0.2072+0.0741i	-0.2190+0.0266i	-0.5405+0.2058i	0.0968+0.0276i	-0.2060-0.0092i	0.2034+0.7116i
70.3	-0.2818+0.0503i	--	-0.1903+0.0465i	-0.1429-0.0339i	-0.5195+0.0609i	0.1340+0.0123i	-0.1301-0.0647i	0.2548+0.6098i
70.4	-0.2745+0.0735i	--	-0.2033+0.0457i	-0.2383-0.0515i	-0.5367+0.1361i	0.1206+0.0167i	-0.2210-0.0879i	0.2048+0.6605i
70.5	-0.2764+0.0777i	--	-0.2089+0.0799i	-0.1987-0.0356i	-0.6028+0.2184i	0.1174+0.0288i	-0.1832-0.0727i	0.1804+0.7241i
70.6	-0.2828+0.0921i	--	-0.2340+0.0855i	-0.2077+0.0444i	-0.6419+0.2630i	0.1183-0.0094i	-0.1953+0.0050i	0.2216+0.7650i
70.7	-0.2769+0.1034i	--	-0.2244+0.0597i	-0.1624+0.0382i	-0.6783+0.1743i	0.1068+0.0032i	-0.1462-0.0024i	0.1801+0.7548i
70.8	-0.2901+0.1037i	--	-0.2383+0.0274i	-0.1801-0.0570i	-0.7057+0.0616i	0.1153+0.0204i	-0.1610-0.0908i	0.1947+0.7076i
70.9	-0.2682+0.1026i	--	-0.2378+0.0397i	-0.1874-0.0042i	-0.6817+0.0914i	0.1140+0.0218i	-0.1694-0.0382i	0.2457+0.7425i
71.0	-0.2680+0.0806i	--	-0.2349+0.0376i	-0.1482-0.0121i	-0.6923+0.0889i	0.1188+0.0211i	-0.1244-0.0522i	0.2691+0.7802i
71.1	-0.2641+0.0911i	--	-0.2579+0.0348i	-0.1953-0.0671i	-0.7427+0.0799i	0.1344+0.0234i	-0.1708-0.1090i	0.2444+0.7656i
71.2	-0.2999+0.1090i	--	-0.3204+0.0445i	-0.2764-0.1130i	-0.8768+0.0376i	0.1670+0.0434i	-0.2513-0.1448i	0.2100+0.7694i
71.3	-0.2748+0.0996i	--	-0.3134+0.0333i	-0.2478-0.0790i	-0.8958+0.0510i	0.1523+0.0284i	-0.2192-0.1114i	0.2125+0.7766i
71.4	-0.2777+0.0856i	--	-0.3410+0.0301i	-0.2194-0.0417i	-0.9238+0.0205i	0.1463+0.0296i	-0.1854-0.0749i	0.2341+0.8241i
71.5	-0.3218+0.0828i	--	-0.3864+0.0437i	-0.2217-0.1707i	-1.0195+0.0414i	0.1814+0.0690i	-0.1893-0.2033i	0.2508+0.8625i
71.6	-0.3231+0.0983i	--	-0.4122+0.0758i	-0.3420-0.1750i	-0.9944+0.0635i	0.2101+0.0476i	-0.3064-0.2087i	0.2972+0.8485i
71.7	-0.3320+0.1156i	--	-0.4352+0.1046i	-0.3772-0.1505i	-1.0696+0.0230i	0.2320+0.0304i	-0.3362-0.1780i	0.2763+0.8282i
71.8	-0.3360+0.1155i	--	-0.4440+0.0945i	-0.3509-0.2011i	-1.2152+0.0308i	0.2358+0.0223i	-0.3035-0.2329i	0.2886+0.7960i
71.9	-0.3443+0.1302i	--	-0.4566+0.0975i	-0.3857-0.1852i	-1.2778+0.0562i	0.2509-0.0030i	-0.3385-0.2250i	0.3008+0.7451i
72.0	-0.3382+0.1316i	--	-0.4920+0.0954i	-0.4159-0.2145i	-1.4041+0.0004i	0.2523-0.0180i	-0.3675-0.2494i	0.2391+0.7258i
72.1	-0.3524+0.1409i	--	-0.4978+0.1199i	-0.4377-0.2142i	-1.4236+0.0198i	0.2803-0.0167i	-0.3873-0.2435i	0.2805+0.7795i
72.2	-0.3611+0.1551i	--	-0.4805+0.1562i	-0.4536-0.2301i	-1.4127+0.0571i	0.2735-0.0119i	-0.4018-0.2640i	0.3061+0.7324i
72.3	-0.3426+0.1698i	--	-0.4910+0.1671i	-0.5276-0.2261i	-1.5182+0.0569i	0.2832-0.0241i	-0.4635-0.2618i	0.2421+0.6917i
72.4	-0.3436+0.1876i	--	-0.5162+0.1942i	-0.6210-0.2425i	-1.5823+0.0775i	0.2958-0.0422i	-0.5510-0.2713i	0.2282+0.6307i
72.5	-0.3707+0.1871i	--	-0.5226+0.1831i	-0.5852-0.2379i	-1.6238+0.0215i	0.2803-0.0778i	-0.5219-0.2703i	0.2999+0.5457i
72.6	-0.3969+0.1898i	--	-0.5751+0.2231i	-0.7475-0.2075i	-1.8496+0.0175i	0.3469-0.0844i	-0.6684-0.2391i	0.2057+0.6383i
72.7	-0.3832+0.2119i	--	-0.5945+0.2762i	-0.8107-0.1781i	-1.8789+0.2118i	0.3528-0.1016i	-0.7289-0.2144i	0.1468+0.6865i
72.8	-0.3985+0.2434i	--	-0.6176+0.2808i	-0.8590-0.1939i	-1.9422+0.2021i	0.3726-0.1361i	-0.7709-0.2324i	0.1423+0.6400i
72.9	-0.4012+0.2480i	--	-0.6057+0.2933i	-0.8996-0.1700i	-2.0029+0.1847i	0.3739-0.1577i	-0.8099-0.2053i	0.1236+0.6272i
73.0	-0.4239+0.2731i	--	-0.6339+0.3152i	-0.9519-0.1329i	-2.1257+0.2090i	0.3764-0.1739i	-0.8572-0.1687i	0.0991+0.5885i
73.1	-0.4363+0.3056i	--	-0.6634+0.3657i	-1.0264-0.0915i	-2.1931+0.2948i	0.3959-0.2125i	-0.9225-0.1353i	0.0903+0.5833i
73.2	-0.4454+0.3305i	--	-0.6799+0.3915i	-1.0459-0.0618i	-2.2211+0.3327i	0.3881-0.2150i	-0.9469-0.1083i	0.1122+0.5503i
73.3	-0.4679+0.3787i	--	-0.7298+0.4257i	-1.1677-0.0542i	-2.4348+0.3660i	0.4157-0.2758i	-1.0550-0.1007i	0.0589+0.5035i
73.4	-0.4355+0.3935i	--	-0.7358+0.4421i	-1.2422+0.0596i	-2.4751+0.5132i	0.3856-0.3178i	-1.1276-0.0013i	-0.0441+0.4958i
73.5	-0.4032+0.4166i	--	-0.7040+0.5054i	-1.2062+0.1831i	-2.5578+0.6167i	0.3430-0.3453i	-1.0836+0.1167i	-0.1236+0.5362i
73.6	-0.4271+0.4557i	--	-0.7086+0.5285i	-1.2779+0.1672i	-2.5947+0.5423i	0.3848-0.3635i	-1.1498+0.1069i	-0.0188+0.4808i
73.7	-0.4149+0.4909i	--	-0.7251+0.5818i	-1.3864+0.3011i	-2.7716+0.6144i	0.4071-0.4181i	-1.2471+0.2309i	-0.1307+0.4777i
73.8	-0.3790+0.4966i	--	-0.7130+0.6095i	-1.3433+0.4314i	-2.7984+0.7709i	0.3420-0.4737i	-1.2039+0.3557i	-0.2062+0.4920i
73.9	-0.3528+0.5046i	--	-0.6858+0.6461i	-1.3425+0.4407i	-2.8464+0.9306i	0.3107-0.4669i	-1.2001+0.3557i	-0.2507+0.5674i
74.0	-0.3841+0.5530i	--	-0.7392+0.6873i	-1.5007+0.4637i	-2.9911+0.8893i	0.3730-0.5366i	-1.3446+0.3870i	-0.2385+0.4601i
74.1	-0.3697+0.5582i	--	-0.7414+0.7009i	-1.4854+0.5201i	-3.0959+0.9488i	0.3343-0.5420i	-1.3218+0.4375i	-0.3520+0.4976i
74.2	-0.3259+0.5539i	--	-0.6988+0.7507i	-1.4023+0.6448i	-3.0558+1.2101i	0.2729-0.5391i	-1.2460+0.5457i	-0.4614+0.6273i
74.3	-0.3062+0.5975i	--	-0.7190+0.8276i	-1.4702+0.8108i	-3.2686+1.3256i	0.2398-0.6032i	-1.2994+0.7054i	-0.6503+0.5439i
74.4	-0.2953+0.6285i	--	-0.7363+0.8764i	-1.5059+0.9625i	-3.4141+1.3473i	0.1991-0.6545i	-1.3272+0.8565i	-0.7839+0.4854i
74.5	-0.3101+0.6650i	--	-0.7582+0.9110i	-1.5175+1.0409i	-3.5501+1.4122i	0.1768-0.6976i	-1.3323+0.9280i	-0.7556+0.5592i
74.6	-0.3026+0.7096i	--	-0.7413+0.9766i	-1.5099+1.0956i	-3.6212+1.5980i	0.1591-0.7173i	-1.3267+0.9702i	-0.7098+0.6050i
74.7	-0.2708+0.7566i	--	-0.7114+1.0429i	-1.4636+1.2405i	-3.6843+1.7301i	0.1001-0.7802i	-1.2735+1.1136i	-0.7639+0.5247i
74.8	-0.2312+0.7629i	--	-0.6746+1.0528i	-1.3756+1.3109i	-3.6784+1.8977i	0.0347-0.8048i	-1.1775+1.1798i	-0.8251+0.5339i
74.9	-0.1530+0.7546i	--	-0.6275+1.0940i	-1.2658+1.4832i	-3.6675+2.1727i	-0.0797-0.8348i	-1.0712+1.3372i	-1.1005+0.5846i

75.0	-0.1713+0.7805i	--	-0.6889+1.1500i	-1.2826+1.6110i	-3.8759+2.2002i	-0.1099-0.8743i	-1.0784+1.4532i	-1.2049+0.6507i
75.1	-0.1949+0.8281i	--	-0.7539+1.2160i	-1.3777+1.6488i	-4.0820+2.3305i	-0.1068-0.8880i	-1.1602+1.4815i	-1.2709+0.7403i
75.2	-0.1712+0.8405i	--	-0.7542+1.2514i	-1.4284+1.6043i	-4.0702+2.5171i	-0.1053-0.8129i	-1.2028+1.4279i	-1.3911+0.8620i
75.3	-0.0873+0.8596i	--	-0.6917+1.3022i	-1.3196+1.7521i	-4.1350+2.7441i	-0.2231-0.8478i	-1.0816+1.5625i	-1.6747+0.9072i
75.4	-0.0168+0.9130i	--	-0.6106+1.4146i	-1.1699+1.9403i	-4.1383+3.0766i	-0.3073-0.8971i	-0.9365+1.7277i	-1.6974+1.0404i
75.5	0.0111+0.9291i	--	-0.5878+1.4697i	-1.1118+2.0011i	-4.1283+3.3039i	-0.3549-0.8838i	-0.8790+1.7750i	-1.7069+1.1472i
75.6	0.0279+0.9282i	--	-0.5521+1.4761i	-1.0434+1.9606i	-4.0634+3.4128i	-0.4063-0.7988i	-0.8111+1.7246i	-1.7171+1.3030i
75.7	0.1069+0.9262i	--	-0.5090+1.5389i	-0.9175+2.1002i	-4.0988+3.6995i	-0.5399-0.7744i	-0.6808+1.8473i	-1.9244+1.4968i
75.8	0.1750+0.9815i	--	-0.5001+1.6771i	-0.9683+2.3136i	-4.2917+4.0426i	-0.5914-0.8392i	-0.7178+2.0378i	-2.0701+1.6806i
75.9	0.2420+1.0009i	--	-0.3840+1.7801i	-0.7860+2.4451i	-4.2995+4.4866i	-0.6862-0.8189i	-0.5309+2.1383i	-2.0853+2.0105i
76.0	0.3205+0.9536i	--	-0.2944+1.7555i	-0.6001+2.4638i	-4.0595+4.6215i	-0.7666-0.7520i	-0.3615+2.1516i	-2.1150+2.0546i
76.1	0.3280+0.9235i	--	-0.3234+1.7616i	-0.6091+2.4729i	-4.1348+4.6252i	-0.7772-0.7080i	-0.3638+2.1484i	-2.2639+2.1961i
76.2	0.3893+0.9339i	--	-0.2797+1.8973i	-0.4361+2.6406i	-4.3142+5.2516i	-0.9218-0.6300i	-0.1795+2.2701i	-2.3900+2.7233i
76.3	0.4551+0.9135i	--	-0.1719+1.9573i	-0.2893+2.6177i	-4.0633+5.6829i	-0.9847-0.5251i	-0.0475+2.2221i	-2.2636+3.0096i
76.4	0.5384+0.9240i	--	-0.0642+2.0324i	-0.2203+2.7138i	-3.8564+5.8645i	-0.9795-0.5444i	0.0082+2.3107i	-2.0798+3.0943i
76.5	0.5445+0.8468i	--	-0.0438+2.0644i	-0.1100+2.8102i	-3.8396+6.0374i	-1.0218-0.4828i	0.1131+2.3886i	-2.1176+3.3767i
76.6	0.5156+0.8073i	--	-0.0650+2.0944i	-0.0682+2.8708i	-3.9308+6.1640i	-1.0455-0.4132i	0.1630+2.4311i	-2.2298+3.5907i
76.7	0.5812+0.7883i	--	0.0968+2.1710i	0.1677+2.8883i	-3.6822+6.6204i	-1.1192-0.3290i	0.3798+2.4216i	-2.1548+3.8959i
76.8	0.6676+0.8009i	--	0.2369+2.3041i	0.3368+3.0011i	-3.4097+7.2820i	-1.1628-0.2461i	0.5254+2.4844i	-1.9373+4.3742i
76.9	0.7205+0.7764i	--	0.4001+2.3373i	0.5101+3.0288i	-2.9641+7.5714i	-1.1521-0.1977i	0.6748+2.4889i	-1.5417+4.5743i
77.0	0.7539+0.7190i	--	0.4871+2.2985i	0.6160+3.0244i	-2.8623+7.6171i	-1.1647-0.1583i	0.7796+2.4822i	-1.4623+4.5964i
77.1	0.7644+0.6746i	--	0.5567+2.3517i	0.7953+3.0877i	-2.7569+7.9376i	-1.1997-0.0925i	0.9408+2.5236i	-1.4166+4.9202i
77.2	0.7731+0.6413i	--	0.6241+2.3352i	0.9001+3.0737i	-2.4537+8.0089i	-1.1788-0.0529i	1.0189+2.5013i	-1.1657+4.9949i
77.3	0.8534+0.5951i	--	0.8469+2.4117i	1.1942+3.1939i	-1.9216+8.6490i	-1.2074+0.0453i	1.2654+2.5760i	-0.7251+5.3813i
77.4	0.8670+0.5632i	--	1.0128+2.4253i	1.3750+3.1209i	-1.4636+8.8541i	-1.1561+0.1350i	1.4218+2.4878i	-0.2730+5.5692i
77.5	0.8693+0.5035i	--	1.1287+2.3326i	1.5792+3.0024i	-1.0955+8.8063i	-1.1718+0.1884i	1.5993+2.3661i	-0.0586+5.5166i
77.6	0.9097+0.4716i	--	1.3243+2.3228i	1.8208+2.9333i	-0.6129+9.0660i	-1.2051+0.2540i	1.8077+2.2730i	0.2881+5.6317i
77.7	0.9250+0.4224i	--	1.4694+2.2862i	2.0403+2.7780i	-0.1825+9.3197i	-1.2212+0.3930i	1.9888+2.1010i	0.5134+5.8670i
77.8	0.9412+0.3734i	--	1.5661+2.2237i	2.1754+2.6546i	0.1602+9.4109i	-1.1958+0.4800i	2.0990+1.9780i	0.8026+5.9082i
77.9	0.9744+0.3205i	--	1.7331+2.1817i	2.4152+2.5251i	0.7634+9.6387i	-1.1767+0.5917i	2.2896+1.8399i	1.2532+6.0482i
78.0	0.9712+0.3060i	--	1.8209+2.2141i	2.4822+2.4924i	1.1811+9.8925i	-1.1044+0.6832i	2.3268+1.7833i	1.6053+6.2766i
78.1	0.9801+0.2657i	--	2.0072+2.2189i	2.6675+2.4017i	1.7673+10.1519i	-1.0362+0.7737i	2.4630+1.6753i	2.2105+6.5898i
78.2	1.0260+0.2346i	--	2.2452+2.1793i	2.9222+2.2456i	2.5313+10.3444i	-1.0005+0.8841i	2.6617+1.5127i	2.9121+6.6754i
78.3	1.0476+0.1151i	--	2.4509+1.9574i	3.0902+1.8854i	3.3788+10.1645i	-0.9306+1.0394i	2.7776+1.1651i	3.3217+6.4577i
78.4	1.0225+0.0753i	--	2.5055+1.9299i	3.1120+1.8151i	3.8641+10.0871i	-0.8247+1.1025i	2.7506+1.1061i	3.6564+6.5506i
78.5	0.9988+0.0226i	--	2.6385+1.7704i	3.1270+1.5773i	4.6938+9.7359i	-0.6455+1.1219i	2.7005+0.8999i	4.3681+6.2601i
78.6	0.9980-0.0708i	--	2.8086+1.4158i	3.1938+1.1469i	5.6695+8.9431i	-0.4706+1.1693i	2.6975+0.5261i	5.1246+5.4705i
78.7	0.9711-0.1564i	--	2.7815+1.1135i	3.1561+0.9253i	5.8688+7.9481i	-0.4066+1.0814i	2.6611+0.3803i	5.1961+4.5636i
78.8	0.8846-0.2361i	--	2.6046+0.8887i	2.9571+0.7385i	5.6118+7.0466i	-0.3309+0.9668i	2.4774+0.2498i	4.8393+3.8916i
78.9	0.7599-0.2770i	--	2.2801+0.7798i	2.6069+0.6146i	4.7216+6.4459i	-0.3334+0.9155i	2.2090+0.1475i	3.9358+3.5362i
79.0	0.6694-0.2022i	--	2.0719+1.0925i	2.4286+0.9072i	3.6464+7.2190i	-0.4296+0.9220i	2.0922+0.3524i	3.1662+4.4450i
79.1	0.6703-0.1129i	--	2.4186+1.4496i	2.7218+1.2453i	4.6838+8.7660i	-0.3174+1.0276i	2.2517+0.5647i	4.4266+5.8893i
79.2	0.7808-0.1457i	--	3.1364+1.2163i	3.3570+1.0490i	7.1269+8.6237i	-0.1157+1.0799i	2.6590+0.4215i	6.9183+5.3017i
79.3	0.7986-0.1936i	--	3.2949+0.9135i	3.4482+0.7951i	7.9376+7.7430i	-0.0177+0.9956i	2.6988+0.2704i	7.5308+4.2247i
79.4	0.7777-0.2273i	--	3.2723+0.5578i	3.4050+0.5418i	8.1335+6.4596i	0.0379+0.8274i	2.6514+0.1359i	7.6782+2.9002i
79.5	0.7243-0.2725i	--	3.1588+0.2131i	3.3531+0.2890i	8.0492+5.1662i	0.0390+0.6717i	2.6106-0.0122i	7.3881+1.5562i
79.6	0.6714-0.3048i	--	3.0875-0.1093i	3.3515-0.0563i	8.0721+4.1703i	-0.0020+0.6252i	2.6203-0.2489i	7.0196+0.5052i
79.7	0.6624-0.3131i	--	2.9629-0.3286i	3.2416-0.2233i	7.6825+3.1753i	-0.0409+0.5068i	2.5616-0.3220i	6.6077-0.4440i
79.8	0.6443-0.3299i	--	2.8774-0.5089i	3.1980-0.3778i	7.3601+2.5382i	-0.0710+0.4494i	2.5472-0.4165i	6.2472-1.0239i
79.9	0.6269-0.3918i	--	2.8052-0.6587i	3.2468-0.5811i	6.9502+2.2467i	-0.1483+0.4845i	2.6484-0.5989i	5.3867-1.3859i
80.0	0.5877-0.3874i	--	2.5958-0.7563i	3.0391-0.7043i	6.4662+1.7983i	-0.1497+0.4782i	2.4999-0.6843i	4.7290-1.6876i

2.1.111 Run 11 – IP000NVP – Accels 17–24

In-plane shaking at 0° with no vertical shake plate. Accelerometers 17–24.

f (Hz)	acc17 ($g/lb \times 10^{-3}$)	acc18 ($g/lb \times 10^{-3}$)	acc19 ($g/lb \times 10^{-3}$)	acc20 ($g/lb \times 10^{-3}$)	acc21 ($g/lb \times 10^{-3}$)	acc22 ($g/lb \times 10^{-3}$)	acc23 ($g/lb \times 10^{-3}$)	acc24 ($g/lb \times 10^{-3}$)
0.0	-2.1230+0.0000i	1.9005+0.0000i	--	10.6986+0.0000i	6.8484+0.0000i	6.7719+0.0000i	5.0478+0.0000i	9.5701+0.0000i
0.1	-2.5871+0.7940i	1.8136+0.9451i	--	10.4830+0.0229i	6.4294-0.9689i	5.0139-2.1769i	4.3207-0.4483i	9.0562-2.5397i
0.2	-0.6517-1.5976i	-1.5501+1.1571i	--	3.6073-0.4716i	2.1415+4.1511i	-4.1636+1.4303i	5.6927+0.8978i	5.7330+6.6798i
0.3	-1.5748+1.7268i	1.2211+1.3910i	--	-0.0078+0.0229i	-4.1932+1.0969i	-3.6692+2.1760i	2.6419+0.8826i	0.8613+2.4847i
0.4	2.6477+2.5251i	0.1534-0.8468i	--	-1.0552+0.4985i	0.8549+2.6578i	0.0908+0.4677i	1.4085+0.2823i	0.8333+0.2001i
0.5	1.7625+0.4286i	0.3782-0.3561i	--	-0.0582-0.2066i	0.4712+1.7612i	0.5578+0.1614i	-0.6819-0.1747i	-0.2074-0.5661i
0.6	-0.2835-0.1012i	0.0511+0.0518i	--	-0.2411-0.0755i	0.0504+0.0863i	0.1119-0.0068i	-0.4427+0.1623i	-0.3342-0.0420i
0.7	0.0664-0.0538i	0.0582+0.0311i	--	-0.0346-0.0359i	0.0695-0.0870i	-0.0197-0.0476i	-0.0818+0.0258i	0.0314-0.0526i
0.8	0.0009+0.0112i	0.0380-0.0112i	--	-0.0176-0.0264i	0.1126-0.0267i	0.0009+0.0010i	-0.0787+0.0111i	0.0817+0.0161i
0.9	-0.0708-0.0092i	0.0370-0.0223i	--	-0.0413-0.0317i	0.0957-0.0404i	-0.0129+0.0130i	-0.0973+0.0142i	0.0766-0.0353i
1.0	-0.1668-0.0310i	-0.0474-0.0111i	--	-0.1034-0.0225i	-0.0794-0.0763i	-0.0108+0.0027i	-0.1288+0.0220i	-0.0247-0.0406i
1.1	-0.1676-0.0272i	-0.0560+0.0020i	--	-0.1682-0.0076i	-0.0876-0.0173i	0.0279-0.0008i	-0.1121-0.0171i	-0.0561-0.0023i
1.2	-0.2232-0.0108i	-0.0718+0.0170i	--	-0.2091-0.0036i	-0.1547+0.0531i	0.0306+0.0051i	-0.1422-0.0216i	-0.1080+0.0370i
1.3	-0.2263+0.0235i	-0.0350+0.0572i	--	-0.2169+0.0186i	-0.0656+0.1949i	0.0353+0.0031i	-0.1968-0.0454i	-0.0708+0.1219i
1.4	-0.1884-0.0357i	0.0741+0.0202i	--	-0.1991-0.0301i	0.3647+0.0382i	0.0425+0.0039i	-0.3290-0.0272i	0.1997+0.0396i
1.5	-0.3289-0.1470i	0.0416-0.0625i	--	-0.3174-0.1147i	0.1391-0.4409i	0.0470+0.0084i	-0.3623+0.0650i	0.0775-0.2347i
1.6	-0.5474-0.1034i	-0.0251-0.0384i	--	-0.5048-0.0826i	-0.2905-0.2374i	0.0542+0.0067i	-0.3810+0.0130i	-0.1702-0.1388i
1.7	-0.6386-0.0583i	0.0004-0.0172i	--	-0.6020-0.0477i	-0.1452-0.0484i	0.0643+0.0050i	-0.5299-0.0270i	-0.0944-0.0356i
1.8	-0.8338-0.0236i	0.0171-0.0253i	--	-0.7986-0.0141i	-0.0741-0.0358i	0.0843+0.0034i	-0.7460-0.0012i	-0.0599-0.0304i
1.9	-1.0666+0.0107i	0.0329-0.0496i	--	-1.0251+0.0191i	-0.0419-0.0475i	0.1047+0.0011i	-0.9761+0.0283i	-0.0470-0.0478i
2.0	-1.4418-0.0191i	0.0645-0.1032i	--	-1.3914-0.0176i	-0.0111-0.0668i	0.1343+0.0029i	-1.3348-0.0163i	-0.0336-0.0891i
2.1	-1.8383+0.0770i	0.0227-0.1763i	--	-1.7878+0.0701i	-0.0172-0.1003i	0.1645-0.0047i	-1.7333+0.0598i	-0.0799-0.1422i
2.2	-3.0220+0.3951i	-0.2108-0.1711i	--	-2.9849+0.3966i	-0.0867-0.1033i	0.2515-0.0281i	-2.9514+0.3932i	-0.3070-0.1277i
2.3	-2.9246+3.4983i	-0.1858+0.1387i	--	-2.8609+3.4989i	-0.0906-0.0471i	0.2458-0.2504i	-2.8032+3.4907i	-0.3023+0.2274i
2.4	3.9165+1.8095i	0.0556-0.0210i	--	3.8932+1.7513i	-0.1269-0.0320i	-0.2307-0.1356i	3.8665+1.6859i	0.1735+0.0647i
2.5	2.6965+0.7802i	0.0120-0.0218i	--	2.6759+0.7477i	-0.1116-0.0211i	-0.1404-0.0593i	2.6530+0.7111i	0.0958+0.0175i
2.6	2.0259+0.3968i	-0.0035-0.0136i	--	2.0079+0.3763i	-0.0989-0.0135i	-0.0886-0.0280i	1.9869+0.3515i	0.0594+0.0058i
2.7	1.5965+0.2420i	-0.0118-0.0117i	--	1.5808+0.2305i	-0.0906-0.0084i	-0.0549-0.0176i	1.5650+0.2123i	0.0376+0.0026i
2.8	1.3686+0.1910i	-0.0141-0.0089i	--	1.3569+0.1810i	-0.0837-0.0072i	-0.0331-0.0133i	1.3432+0.1672i	0.0275+0.0016i
2.9	1.2095+0.1772i	-0.0134-0.0065i	--	1.1978+0.1678i	-0.0793-0.0065i	-0.0159-0.0120i	1.1855+0.1558i	0.0214+0.0022i
3.0	1.0949+0.1471i	-0.0151-0.0051i	--	1.0827+0.1398i	-0.0758-0.0056i	-0.0024-0.0094i	1.0718+0.1291i	0.0170+0.0017i
3.1	1.0166+0.1178i	-0.0155-0.0054i	--	1.0040+0.1123i	-0.0724-0.0047i	0.0083-0.0066i	0.9933+0.1023i	0.0144+0.0007i
3.2	0.9476+0.1102i	-0.0153-0.0055i	--	0.9332+0.1049i	-0.0706-0.0055i	0.0199-0.0073i	0.9227+0.0958i	0.0114-0.0001i
3.3	0.9010+0.1008i	-0.0158-0.0035i	--	0.8859+0.0960i	-0.0693-0.0051i	0.0288-0.0066i	0.8741+0.0880i	0.0092+0.0009i
3.4	0.8453+0.0928i	-0.0158-0.0034i	--	0.8291+0.0884i	-0.0660-0.0053i	0.0407-0.0060i	0.8174+0.0815i	0.0076+0.0011i
3.5	0.8138+0.0902i	-0.0163-0.0036i	--	0.7967+0.0856i	-0.0652-0.0058i	0.0496-0.0060i	0.7853+0.0791i	0.0058+0.0004i
3.6	0.7868+0.0844i	-0.0157-0.0025i	--	0.7689+0.0810i	-0.0644-0.0052i	0.0592-0.0050i	0.7574+0.0747i	0.0047+0.0002i
3.7	0.7631+0.0788i	-0.0159-0.0017i	--	0.7425+0.0758i	-0.0630-0.0045i	0.0681-0.0042i	0.7312+0.0697i	0.0042+0.0006i
3.8	0.7416+0.0740i	-0.0168-0.0020i	--	0.7184+0.0709i	-0.0617-0.0047i	0.0777-0.0025i	0.7068+0.0657i	0.0037+0.0004i
3.9	0.7231+0.0728i	-0.0164-0.0018i	--	0.6981+0.0699i	-0.0618-0.0043i	0.0898-0.0022i	0.6863+0.0650i	0.0026+0.0005i
4.0	0.7077+0.0715i	-0.0165-0.0024i	--	0.6804+0.0686i	-0.0608-0.0042i	0.0998-0.0016i	0.6683+0.0627i	0.0022+0.0010i
4.1	0.6922+0.0740i	-0.0154-0.0014i	--	0.6624+0.0718i	-0.0591-0.0049i	0.1122-0.0031i	0.6500+0.0662i	0.0024+0.0006i
4.2	0.6843+0.0738i	-0.0136-0.0012i	--	0.6526+0.0721i	-0.0580-0.0055i	0.1223-0.0046i	0.6399+0.0674i	0.0028+0.0003i
4.3	0.6736+0.0771i	-0.0140-0.0019i	--	0.6391+0.0746i	-0.0575-0.0057i	0.1357-0.0051i	0.6255+0.0712i	0.0030+0.0001i
4.4	0.6659+0.0836i	-0.0147-0.0040i	--	0.6280+0.0821i	-0.0575-0.0078i	0.1481-0.0065i	0.6126+0.0780i	0.0021-0.0013i
4.5	0.6667+0.0830i	-0.0184-0.0060i	--	0.6252+0.0815i	-0.0592-0.0075i	0.1575-0.0061i	0.6091+0.0763i	-0.0013-0.0016i
4.6	0.6654+0.0861i	-0.0187-0.0038i	--	0.6200+0.0847i	-0.0604-0.0062i	0.1705-0.0080i	0.6026+0.0813i	-0.0017+0.0004i
4.7	0.6598+0.0894i	-0.0183-0.0028i	--	0.6100+0.0872i	-0.0589-0.0056i	0.1860-0.0096i	0.5919+0.0845i	-0.0009+0.0003i
4.8	0.6564+0.0892i	-0.0176-0.0032i	--	0.6017+0.0864i	-0.0572-0.0055i	0.2032-0.0087i	0.5837+0.0853i	0.0001+0.0006i
4.9	0.6537+0.0945i	-0.0182-0.0025i	--	0.5936+0.0903i	-0.0571-0.0063i	0.2185-0.0092i	0.5764+0.0910i	-0.0006+0.0009i
5.0	0.6579+0.0995i	-0.0177-0.0019i	--	0.5915+0.0967i	-0.0574-0.0062i	0.2366-0.0132i	0.5753+0.0969i	-0.0002+0.0014i
5.1	0.6587+0.1080i	-0.0177-0.0028i	--	0.5845+0.1076i	-0.0564-0.0068i	0.2547-0.0176i	0.5688+0.1063i	-0.0003+0.0021i
5.2	0.6600+0.1164i	-0.0183-0.0040i	--	0.5762+0.1156i	-0.0560-0.0072i	0.2769-0.0227i	0.5619+0.1160i	-0.0008+0.0020i
5.3	0.6687+0.1263i	-0.0192-0.0037i	--	0.5766+0.1286i	-0.0569-0.0086i	0.2946-0.0290i	0.5621+0.1278i	-0.0006+0.0010i
5.4	0.6768+0.1415i	-0.0194-0.0060i	--	0.5769+0.1473i	-0.0578-0.0102i	0.3175-0.0369i	0.5614+0.1451i	0.0002-0.0015i
5.5	0.6904+0.1552i	-0.0213-0.0077i	--	0.5822+0.1648i	-0.0589-0.0090i	0.3345-0.0436i	0.5651+0.1597i	-0.0007-0.0012i
5.6	0.7235+0.1628i	-0.0227-0.0079i	--	0.6057+0.1758i	-0.0583-0.0105i	0.3563-0.0531i	0.5853+0.1688i	0.0007-0.0014i

5.7	0.7375+0.1668i	-0.0222-0.0082i	--	0.6130+0.1812i	-0.0575-0.0108i	0.3734-0.0571i	0.5906+0.1753i	0.0010-0.0016i
5.8	0.7597+0.1858i	-0.0247-0.0095i	--	0.6269+0.2054i	-0.0579-0.0121i	0.3945-0.0739i	0.6013+0.2003i	-0.0003-0.0013i
5.9	0.8121+0.1943i	-0.0270-0.0125i	--	0.6738+0.2184i	-0.0594-0.0158i	0.4020-0.0876i	0.6451+0.2127i	0.0004-0.0041i
6.0	0.8514+0.1953i	-0.0334-0.0125i	--	0.7037+0.2242i	-0.0627-0.0183i	0.4144-0.0957i	0.6729+0.2174i	-0.0037-0.0061i
6.1	0.8868+0.1799i	-0.0384-0.0098i	--	0.7264+0.2119i	-0.0659-0.0169i	0.4303-0.0958i	0.6932+0.2063i	-0.0088-0.0035i
6.2	0.9212+0.1699i	-0.0440-0.0072i	--	0.7485+0.2014i	-0.0700-0.0133i	0.4502-0.0884i	0.7121+0.1964i	-0.0112-0.0001i
6.3	0.9606+0.1534i	-0.0475-0.0025i	--	0.7689+0.1849i	-0.0710-0.0103i	0.4782-0.0795i	0.7292+0.1809i	-0.0108+0.0036i
6.4	0.9969+0.1338i	-0.0486+0.0012i	--	0.7791+0.1708i	-0.0704-0.0072i	0.5173-0.0741i	0.7351+0.1695i	-0.0092+0.0045i
6.5	1.0572+0.1268i	-0.0512+0.0034i	--	0.8148+0.1742i	-0.0689-0.0082i	0.5487-0.0772i	0.7632+0.1741i	-0.0060+0.0058i
6.6	1.1298+0.0989i	-0.0552+0.0039i	--	0.8577+0.1601i	-0.0699-0.0103i	0.5865-0.0750i	0.8004+0.1634i	-0.0052+0.0038i
6.7	1.2185+0.0745i	-0.0599+0.0065i	--	0.9034+0.1489i	-0.0726-0.0100i	0.6356-0.0716i	0.8405+0.1560i	-0.0048+0.0041i
6.8	1.3131+0.0053i	-0.0670+0.0153i	--	0.9542+0.1202i	-0.0736-0.0074i	0.6818-0.0888i	0.8826+0.1341i	-0.0040+0.0049i
6.9	1.4730-0.1224i	-0.0808+0.0257i	--	1.0353+0.0586i	-0.0783-0.0051i	0.7356-0.0988i	0.9482+0.0843i	-0.0061+0.0043i
7.0	1.6262-0.3385i	-0.0923+0.0425i	--	1.1151-0.0449i	-0.0822-0.0008i	0.7843-0.0948i	1.0159+0.0039i	-0.0060+0.0046i
7.1	1.6263-0.8679i	-0.0891+0.0918i	--	1.1415-0.3018i	-0.0882+0.0105i	0.8539-0.0805i	1.0462-0.2010i	-0.0061+0.0072i
7.2	1.1402-1.2047i	-0.0413+0.1305i	--	0.9213-0.4913i	-0.0784+0.0262i	0.9642-0.0793i	0.8775-0.3590i	-0.0017+0.0164i
7.3	0.6660-1.1076i	0.0121+0.1158i	--	0.6752-0.4611i	-0.0593+0.0268i	1.0905-0.1614i	0.6785-0.3437i	0.0100+0.0102i
7.4	0.2988-0.8126i	0.0450+0.0732i	--	0.4888-0.3172i	-0.0515+0.0166i	1.1322-0.2716i	0.5279-0.2382i	0.0055-0.0048i
7.5	0.3015-0.4854i	0.0392+0.0445i	--	0.4848-0.1692i	-0.0507+0.0094i	1.1733-0.2843i	0.5216-0.1235i	0.0006-0.0019i
7.6	0.4372-0.2481i	0.0261+0.0243i	--	0.5359-0.0602i	-0.0509+0.0038i	1.2844-0.2808i	0.5574-0.0367i	-0.0021+0.0001i
7.7	0.5800-0.1926i	0.0156+0.0179i	--	0.5985-0.0311i	-0.0527+0.0021i	1.4000-0.3221i	0.6050-0.0136i	-0.0007+0.0009i
7.8	0.7059-0.2214i	0.0082+0.0203i	--	0.6537-0.0335i	-0.0554-0.0003i	1.5182-0.4543i	0.6479-0.0110i	0.0018+0.0025i
7.9	0.7373-0.2671i	0.0036+0.0203i	--	0.6637-0.0525i	-0.0569-0.0021i	1.5953-0.5699i	0.6544-0.0277i	-0.0019-0.0003i
8.0	0.7539-0.2518i	0.0031+0.0186i	--	0.6719-0.0421i	-0.0544-0.0012i	1.6590-0.6301i	0.6615-0.0190i	-0.0028-0.0001i
8.1	0.8162-0.2654i	0.0051+0.0153i	--	0.7109-0.0460i	-0.0507-0.0039i	1.7392-0.7154i	0.6934-0.0212i	0.0067-0.0033i
8.2	0.8513-0.2463i	0.0025+0.0108i	--	0.7282-0.0375i	-0.0496-0.0060i	1.8477-0.7531i	0.7107-0.0169i	0.0059-0.0069i
8.3	0.9128-0.2372i	-0.0024+0.0096i	--	0.7465-0.0298i	-0.0525-0.0091i	2.0426-0.8440i	0.7272-0.0101i	0.0030-0.0064i
8.4	0.9816-0.2454i	-0.0058+0.0089i	--	0.7770-0.0342i	-0.0528-0.0120i	2.2229-0.9037i	0.7497-0.0147i	0.0048-0.0073i
8.5	1.1065-0.2894i	-0.0108+0.0079i	--	0.8337-0.0493i	-0.0526-0.0140i	2.5373-1.0859i	0.7956-0.0313i	0.0066-0.0122i
8.6	1.2029-0.3416i	-0.0152+0.0049i	--	0.8743-0.0651i	-0.0548-0.0163i	2.8241-1.3028i	0.8306-0.0452i	0.0045-0.0154i
8.7	1.3033-0.4555i	-0.0243+0.0060i	--	0.9090-0.1160i	-0.0600-0.0212i	3.2001-1.6885i	0.8558-0.0856i	-0.0010-0.0199i
8.8	1.4511-0.5838i	-0.0344+0.0082i	--	0.9674-0.1667i	-0.0607-0.0225i	3.6767-2.1514i	0.9023-0.1308i	-0.0026-0.0220i
8.9	1.5484-0.7704i	-0.0367+0.0151i	--	1.0044-0.2297i	-0.0530-0.0219i	4.0306-2.8609i	0.9307-0.1851i	0.0046-0.0218i
9.0	1.5717-1.1359i	-0.0384+0.0162i	--	1.0214-0.3637i	-0.0562-0.0514i	4.1008-4.1739i	0.9405-0.2939i	-0.0005-0.0466i
9.1	1.4815-1.2808i	-0.0444+0.0101i	--	0.9863-0.4197i	-0.0777-0.0653i	3.8487-4.7179i	0.9085-0.3358i	-0.0214-0.0600i
9.2	1.7387-1.7343i	-0.0713+0.0100i	--	1.0874-0.5820i	-0.0984-0.0730i	4.7640-6.5003i	0.9917-0.4659i	-0.0414-0.0720i
9.3	1.3509-2.6314i	-0.0964+0.0444i	--	0.9606-0.9094i	-0.1388-0.0700i	3.2543-9.8460i	0.8900-0.7297i	-0.0829-0.0710i
9.4	0.3027-3.2499i	-0.1061+0.0946i	--	0.5952-1.1540i	-0.1866-0.0430i	-0.6971-12.1060i	0.5929-0.9251i	-0.1362-0.0456i
9.5	-0.8591-2.5737i	-0.0684+0.1366i	--	0.1612-0.9325i	-0.1959+0.0236i	-4.9718-9.5459i	0.2418-0.7476i	-0.1524+0.0263i
9.6	-1.2057-1.7334i	-0.0294+0.1459i	--	0.0195-0.6317i	-0.1741+0.0655i	-6.2230-6.4588i	0.1270-0.5043i	-0.1269+0.0745i
9.7	-1.1785-1.1841i	-0.0036+0.1481i	--	0.0165-0.4295i	-0.1479+0.0904i	-6.1011-4.4795i	0.1237-0.3396i	-0.0979+0.1055i
9.8	-1.0421-0.8557i	0.0154+0.1463i	--	0.0616-0.3068i	-0.1245+0.1014i	-5.6084-3.2940i	0.1596-0.2395i	-0.0734+0.1187i
9.9	-0.8570-0.5657i	0.0383+0.1391i	--	0.1265-0.1964i	-0.0936+0.1085i	-4.9485-2.2365i	0.2120-0.1522i	-0.0397+0.1247i
10.0	-0.7143-0.4246i	0.0573+0.1277i	--	0.1779-0.1452i	-0.0721+0.1039i	-4.4481-1.7156i	0.2531-0.1114i	-0.0141+0.1206i
10.1	-0.5794-0.3384i	0.0719+0.1093i	--	0.2293-0.1139i	-0.0544+0.0879i	-3.9799-1.3975i	0.2948-0.0864i	0.0057+0.1053i
10.2	-0.4682-0.2708i	0.0803+0.0978i	--	0.2691-0.0844i	-0.0406+0.0806i	-3.5779-1.1861i	0.3259-0.0609i	0.0207+0.0986i
10.3	-0.3942-0.2452i	0.0846+0.0886i	--	0.2968-0.0707i	-0.0355+0.0743i	-3.3351-1.1293i	0.3478-0.0513i	0.0261+0.0926i
10.4	-0.3297-0.2119i	0.0958+0.0757i	--	0.3234-0.0591i	-0.0276+0.0687i	-3.1640-1.0241i	0.3693-0.0409i	0.0376+0.0846i
10.5	-0.2852-0.1772i	0.1003+0.0599i	--	0.3441-0.0453i	-0.0141+0.0615i	-3.0627-0.8952i	0.3876-0.0282i	0.0517+0.0771i
10.6	-0.2443-0.1547i	0.0958+0.0480i	--	0.3597-0.0398i	-0.0098+0.0524i	-2.9440-0.7750i	0.3991-0.0244i	0.0571+0.0669i
10.7	-0.1951-0.1313i	0.0937+0.0438i	--	0.3813-0.0341i	-0.0046+0.0434i	-2.7939-0.6499i	0.4155-0.0199i	0.0636+0.0568i
10.8	-0.1601-0.1129i	0.0942+0.0360i	--	0.3926-0.0263i	0.0003+0.0321i	-2.6605-0.5723i	0.4236-0.0132i	0.0678+0.0473i
10.9	-0.1112-0.0933i	0.0955+0.0252i	--	0.4123-0.0186i	0.0068+0.0132i	-2.5055-0.4908i	0.4399-0.0040i	0.0735+0.0311i
11.0	-0.0845-0.0859i	0.0956+0.0177i	--	0.4212-0.0154i	0.0058+0.0020i	-2.4009-0.4582i	0.4456+0.0007i	0.0756+0.0209i
11.1	-0.0542-0.0745i	0.0914+0.0035i	--	0.4332-0.0084i	0.0020-0.0159i	-2.2944-0.4308i	0.4558+0.0090i	0.0726+0.0012i
11.2	-0.0329-0.0709i	0.0863-0.0012i	--	0.4441-0.0087i	-0.0100-0.0209i	-2.2241-0.4100i	0.4655+0.0091i	0.0623-0.0038i
11.3	-0.0070-0.0564i	0.0784-0.0047i	--	0.4584-0.0054i	-0.0205-0.0233i	-2.1447-0.3598i	0.4761+0.0129i	0.0537-0.0089i
11.4	0.0124-0.0434i	0.0743-0.0087i	--	0.4661+0.0011i	-0.0265-0.0246i	-2.0745-0.3293i	0.4820+0.0171i	0.0501-0.0103i
11.5	0.0348-0.0415i	0.0718-0.0083i	--	0.4747-0.0006i	-0.0310-0.0242i	-2.0059-0.3137i	0.4898+0.0165i	0.0478-0.0110i
11.6	0.0586-0.0370i	0.0661-0.0097i	--	0.4816+0.0029i	-0.0363-0.0285i	-1.9372-0.2918i	0.4975+0.0189i	0.0425-0.0139i
11.7	0.0760-0.0373i	0.0630-0.0119i	--	0.4902+0.0017i	-0.0427-0.0306i	-1.8787-0.2842i	0.5065+0.0183i	0.0377-0.0159i
11.8	0.0984-0.0391i	0.0607-0.0138i	--	0.5017+0.0009i	-0.0465-0.0301i	-1.8136-0.2812i	0.5159+0.0163i	0.0351-0.0180i
11.9	0.1195-0.0340i	0.0590-0.0113i	--	0.5119+0.0048i	-0.0474-0.0318i	-1.7528-0.2793i	0.5203+0.0181i	0.0328-0.0222i

12.0	0.1351-0.0265i	0.0571-0.0105i	--	0.5187+0.0120i	-0.0466-0.0291i	-1.7117-0.2814i	0.5277+0.0258i	0.0336-0.0215i
12.1	0.1488-0.0314i	0.0590-0.0114i	--	0.5206+0.0107i	-0.0484-0.0333i	-1.6656-0.2957i	0.5306+0.0268i	0.0336-0.0249i
12.2	0.1604-0.0344i	0.0596-0.0134i	--	0.5279+0.0112i	-0.0519-0.0405i	-1.6294-0.3154i	0.5350+0.0285i	0.0288-0.0319i
12.3	0.1652-0.0397i	0.0614-0.0147i	--	0.5329+0.0092i	-0.0607-0.0464i	-1.6113-0.3290i	0.5406+0.0281i	0.0212-0.0346i
12.4	0.1743-0.0440i	0.0629-0.0197i	--	0.5406+0.0099i	-0.0688-0.0477i	-1.6006-0.3460i	0.5487+0.0282i	0.0148-0.0347i
12.5	0.1829-0.0383i	0.0627-0.0224i	--	0.5471+0.0129i	-0.0741-0.0428i	-1.5952-0.3593i	0.5548+0.0306i	0.0097-0.0334i
12.6	0.1877-0.0385i	0.0573-0.0255i	--	0.5526+0.0126i	-0.0798-0.0393i	-1.6003-0.3565i	0.5593+0.0331i	0.0073-0.0309i
12.7	0.1913-0.0357i	0.0536-0.0312i	--	0.5577+0.0129i	-0.0824-0.0424i	-1.6145-0.3442i	0.5638+0.0351i	0.0055-0.0338i
12.8	0.1950-0.0337i	0.0522-0.0337i	--	0.5644+0.0135i	-0.0844-0.0483i	-1.6165-0.3249i	0.5658+0.0365i	0.0048-0.0384i
12.9	0.1958-0.0280i	0.0454-0.0368i	--	0.5648+0.0156i	-0.0979-0.0517i	-1.5967-0.2907i	0.5693+0.0408i	-0.0061-0.0426i
13.0	0.1963-0.0166i	0.0375-0.0401i	--	0.5626+0.0209i	-0.1121-0.0487i	-1.5835-0.2796i	0.5727+0.0494i	-0.0176-0.0425i
13.1	0.2045-0.0024i	0.0273-0.0332i	--	0.5709+0.0273i	-0.1311-0.0354i	-1.5558-0.2613i	0.5850+0.0564i	-0.0348-0.0336i
13.2	0.2080+0.0096i	0.0210-0.0256i	--	0.5722+0.0331i	-0.1448-0.0172i	-1.5390-0.2556i	0.5915+0.0565i	-0.0447-0.0201i
13.3	0.2223+0.0242i	0.0202-0.0110i	--	0.5806+0.0415i	-0.1452+0.0128i	-1.5186-0.2611i	0.6009+0.0561i	-0.0475+0.0049i
13.4	0.2358+0.0464i	0.0285-0.0013i	--	0.5890+0.0559i	-0.1307+0.0414i	-1.5097-0.2531i	0.6061+0.0619i	-0.0397+0.0256i
13.5	0.2552+0.0545i	0.0339+0.0004i	--	0.6013+0.0604i	-0.1156+0.0493i	-1.4957-0.2406i	0.6110+0.0642i	-0.0301+0.0318i
13.6	0.2819+0.0626i	0.0409-0.0019i	--	0.6166+0.0725i	-0.0880+0.0494i	-1.4837-0.2265i	0.6196+0.0709i	-0.0114+0.0340i
13.7	0.3100+0.0575i	0.0488-0.0071i	--	0.6376+0.0743i	-0.0690+0.0350i	-1.4613-0.2173i	0.6333+0.0742i	0.0000+0.0260i
13.8	0.3306+0.0519i	0.0559-0.0110i	--	0.6513+0.0727i	-0.0564+0.0266i	-1.4434-0.2182i	0.6420+0.0759i	0.0089+0.0212i
13.9	0.3396+0.0466i	0.0599-0.0209i	--	0.6580+0.0700i	-0.0535+0.0176i	-1.4336-0.2259i	0.6474+0.0751i	0.0091+0.0156i
14.0	0.3544+0.0433i	0.0595-0.0254i	--	0.6707+0.0664i	-0.0570+0.0078i	-1.4200-0.2242i	0.6547+0.0771i	0.0076+0.0100i
14.1	0.3675+0.0568i	0.0574-0.0281i	--	0.6845+0.0779i	-0.0572+0.0043i	-1.4054-0.2046i	0.6650+0.0865i	0.0082+0.0151i
14.2	0.3913+0.0756i	0.0577-0.0329i	--	0.7041+0.0917i	-0.0507+0.0095i	-1.3822-0.1890i	0.6814+0.1005i	0.0178+0.0276i
14.3	0.4301+0.0669i	0.0622-0.0380i	--	0.7309+0.0866i	-0.0380+0.0156i	-1.3360-0.2056i	0.7032+0.0983i	0.0361+0.0359i
14.4	0.4548+0.0427i	0.0626-0.0495i	--	0.7499+0.0727i	-0.0274+0.0000i	-1.3149-0.2312i	0.7186+0.0856i	0.0532+0.0175i
14.5	0.4688+0.0195i	0.0614-0.0565i	--	0.7662+0.0573i	-0.0253-0.0215i	-1.2984-0.2529i	0.7289+0.0737i	0.0570-0.0032i
14.6	0.4830-0.0020i	0.0595-0.0660i	--	0.7787+0.0445i	-0.0244-0.0371i	-1.2852-0.2774i	0.7356+0.0659i	0.0603-0.0161i
14.7	0.4865-0.0261i	0.0502-0.0888i	--	0.7859+0.0281i	-0.0338-0.0569i	-1.2821-0.3243i	0.7410+0.0577i	0.0520-0.0319i
14.8	0.4893-0.0450i	0.0344-0.1028i	--	0.7944+0.0144i	-0.0414-0.0723i	-1.2993-0.3688i	0.7487+0.0529i	0.0450-0.0472i
14.9	0.4784-0.0543i	0.0121-0.1032i	--	0.7918+0.0080i	-0.0513-0.0776i	-1.3540-0.3845i	0.7491+0.0509i	0.0374-0.0555i
15.0	0.4705-0.0558i	-0.0202-0.0915i	--	0.7947+0.0067i	-0.0712-0.0809i	-1.4031-0.3629i	0.7511+0.0512i	0.0231-0.0583i
15.1	0.4689-0.0523i	-0.0432-0.0685i	--	0.7989+0.0093i	-0.0824-0.0829i	-1.4278-0.3325i	0.7554+0.0538i	0.0142-0.0602i
15.2	0.4690-0.0556i	-0.0473-0.0441i	--	0.8013+0.0035i	-0.0895-0.0828i	-1.4305-0.3135i	0.7583+0.0498i	0.0081-0.0609i
15.3	0.4636-0.0628i	-0.0408-0.0262i	--	0.8013-0.0066i	-0.1027-0.0836i	-1.4324-0.2975i	0.7596+0.0459i	-0.0008-0.0618i
15.4	0.4638-0.0618i	-0.0331-0.0121i	--	0.8061-0.0033i	-0.1103-0.0842i	-1.4397-0.2746i	0.7632+0.0505i	-0.0064-0.0614i
15.5	0.4714-0.0645i	-0.0279-0.0062i	--	0.8125-0.0070i	-0.1168-0.0936i	-1.4174-0.2628i	0.7704+0.0505i	-0.0108-0.0638i
15.6	0.4701-0.0749i	-0.0259+0.0055i	--	0.8156-0.0205i	-0.1345-0.1044i	-1.4008-0.2600i	0.7770+0.0472i	-0.0227-0.0684i
15.7	0.4705-0.0734i	-0.0237+0.0157i	--	0.8248-0.0195i	-0.1510-0.1047i	-1.3953-0.2567i	0.7860+0.0505i	-0.0316-0.0688i
15.8	0.4789-0.0748i	-0.0157+0.0189i	--	0.8326-0.0221i	-0.1577-0.1095i	-1.3746-0.2466i	0.7948+0.0514i	-0.0372-0.0698i
15.9	0.4696-0.0741i	-0.0090+0.0193i	--	0.8295-0.0234i	-0.1818-0.1062i	-1.3652-0.2500i	0.7978+0.0522i	-0.0536-0.0664i
16.0	0.4577-0.0711i	-0.0041+0.0234i	--	0.8221-0.0240i	-0.2120-0.0892i	-1.3517-0.2690i	0.7993+0.0552i	-0.0713-0.0565i
16.1	0.4448-0.0672i	0.0027+0.0261i	--	0.8164-0.0246i	-0.2332-0.0769i	-1.3683-0.2821i	0.8033+0.0547i	-0.0836-0.0516i
16.2	0.4363-0.0503i	0.0087+0.0309i	--	0.8119-0.0136i	-0.2526-0.0563i	-1.3827-0.2728i	0.8067+0.0575i	-0.0947-0.0392i
16.3	0.4414-0.0326i	0.0132+0.0426i	--	0.8175+0.0001i	-0.2654-0.0288i	-1.3671-0.2773i	0.8104+0.0654i	-0.1052-0.0247i
16.4	0.4408-0.0185i	0.0254+0.0521i	--	0.8219+0.0082i	-0.2803+0.0009i	-1.3494-0.3092i	0.8154+0.0665i	-0.1177-0.0001i
16.5	0.4424-0.0014i	0.0397+0.0531i	--	0.8331+0.0219i	-0.2807+0.0398i	-1.3656-0.3586i	0.8200+0.0702i	-0.1213+0.0291i
16.6	0.4538+0.0191i	0.0641+0.0525i	--	0.8532+0.0358i	-0.2409+0.0731i	-1.4363-0.3792i	0.8235+0.0784i	-0.0992+0.0579i
16.7	0.4596+0.0388i	0.0888+0.0279i	--	0.8647+0.0416i	-0.2134+0.0842i	-1.5079-0.3327i	0.8251+0.0911i	-0.0787+0.0701i
16.8	0.4798+0.0596i	0.0787-0.0121i	--	0.8725+0.0524i	-0.2039+0.0842i	-1.4735-0.2675i	0.8376+0.1031i	-0.0598+0.0726i
16.9	0.4959+0.0769i	0.0631-0.0109i	--	0.8863+0.0703i	-0.2056+0.1078i	-1.4580-0.2984i	0.8489+0.1145i	-0.0550+0.0830i
17.0	0.5253+0.0906i	0.0611+0.0097i	--	0.9228+0.0789i	-0.1890+0.1212i	-1.4910-0.3144i	0.8688+0.1297i	-0.0452+0.0889i
17.1	0.5431+0.0950i	0.0757+0.0227i	--	0.9488+0.0682i	-0.1505+0.1092i	-1.5537-0.2794i	0.8807+0.1406i	-0.0212+0.0870i
17.2	0.5650+0.1257i	0.0765-0.0292i	--	0.9666+0.0797i	-0.1267+0.0803i	-1.5596-0.1763i	0.8959+0.1619i	0.0017+0.0693i
17.3	0.5906+0.1463i	0.0411-0.0307i	--	0.9904+0.0853i	-0.1372+0.0670i	-1.5241-0.1340i	0.9172+0.1791i	-0.0052+0.0609i
17.4	0.6216+0.1550i	0.0200+0.0229i	--	1.0160+0.0793i	-0.1503+0.0735i	-1.4945-0.1228i	0.9504+0.1891i	-0.0093+0.0642i
17.5	0.6545+0.1601i	0.0437+0.0398i	--	1.0361+0.0790i	-0.1387+0.0725i	-1.4854-0.0990i	0.9763+0.1972i	0.0019+0.0628i
17.6	0.7019+0.1731i	0.0558+0.0376i	--	1.0616+0.0780i	-0.1318+0.0529i	-1.4555-0.0438i	1.0154+0.2055i	0.0119+0.0514i
17.7	0.7477+0.1836i	0.0548+0.0373i	--	1.0980+0.0761i	-0.1293+0.0401i	-1.4099+0.0084i	1.0561+0.2108i	0.0151+0.0470i
17.8	0.7977+0.1603i	0.0684+0.0450i	--	1.1257+0.0505i	-0.1348+0.0373i	-1.3215+0.0244i	1.0948+0.1875i	0.0197+0.0393i
17.9	0.8453+0.1493i	0.0898+0.0572i	--	1.1548+0.0375i	-0.1366+0.0352i	-1.2625+0.0382i	1.1337+0.1779i	0.0243+0.0346i
18.0	0.8919+0.1416i	0.0938+0.0509i	--	1.1829+0.0297i	-0.1489+0.0315i	-1.1844+0.0548i	1.1700+0.1688i	0.0222+0.0344i
18.1	0.9279+0.1103i	0.0891+0.0564i	--	1.1974+0.0080i	-0.1639+0.0273i	-1.0933+0.0246i	1.1914+0.1443i	0.0193+0.0264i
18.2	0.9472+0.0760i	0.0957+0.0783i	--	1.2007-0.0047i	-0.1718+0.0360i	-1.0281-0.0265i	1.2039+0.1231i	0.0228+0.0217i

18.3	0.9656+0.0417i	0.1222+0.1042i	--	1.2103-0.0258i	-0.1704+0.0443i	-0.9714-0.0733i	1.2146+0.0910i	0.0255+0.0157i
18.4	0.9737+0.0103i	0.1752+0.1236i	--	1.2107-0.0393i	-0.1580+0.0655i	-0.8940-0.1133i	1.2106+0.0632i	0.0271+0.0141i
18.5	0.9781+0.0085i	0.2415+0.1182i	--	1.1990-0.0170i	-0.1501+0.0818i	-0.7277-0.1737i	1.1984+0.0667i	0.0248+0.0106i
18.6	1.0236+0.0156i	0.3265+0.0264i	--	1.2643+0.0238i	-0.1206+0.0581i	-0.6338-0.4208i	1.2276+0.0939i	0.0234+0.0050i
18.7	1.0695-0.0420i	0.2901-0.0572i	--	1.3451-0.0298i	-0.1453+0.0211i	-0.7614-0.6085i	1.2790+0.0684i	0.0140+0.0014i
18.8	1.0699-0.0954i	0.2431-0.0602i	--	1.3580-0.0948i	-0.1693+0.0164i	-0.8721-0.6599i	1.2865+0.0355i	0.0103+0.0034i
18.9	1.0750-0.1473i	0.2412-0.0645i	--	1.3591-0.1611i	-0.1832+0.0343i	-0.8978-0.6713i	1.2924-0.0057i	0.0119-0.0002i
19.0	1.0729-0.1835i	0.2558-0.0736i	--	1.3560-0.2005i	-0.1948+0.0431i	-0.8905-0.6993i	1.2892-0.0326i	0.0052-0.0027i
19.1	1.0550-0.2119i	0.2617-0.0908i	--	1.3322-0.2347i	-0.2092+0.0574i	-0.8934-0.7503i	1.2726-0.0492i	0.0002-0.0039i
19.2	1.0346-0.2403i	0.2602-0.1108i	--	1.3068-0.2729i	-0.2244+0.0822i	-0.9285-0.8194i	1.2619-0.0668i	-0.0080-0.0016i
19.3	1.0174-0.2638i	0.2581-0.1248i	--	1.2800-0.2993i	-0.2337+0.0937i	-0.9535-0.8818i	1.2511-0.0749i	-0.0090-0.0048i
19.4	0.9910-0.2930i	0.2493-0.1508i	--	1.2352-0.3243i	-0.2334+0.1350i	-0.9667-0.9310i	1.2235-0.0965i	-0.0055+0.0060i
19.5	0.9428-0.2982i	0.2348-0.1597i	--	1.1669-0.3183i	-0.2315+0.1807i	-0.9734-0.9842i	1.1811-0.0968i	-0.0179+0.0115i
19.6	0.8966-0.2982i	0.2337-0.1628i	--	1.1014-0.3032i	-0.2162+0.2251i	-0.9525-1.0518i	1.1371-0.0874i	-0.0249+0.0165i
19.7	0.8738-0.2882i	0.2404-0.1707i	--	1.0620-0.2759i	-0.1731+0.2553i	-0.9491-1.1596i	1.1092-0.0589i	-0.0199+0.0171i
19.8	0.8502-0.2692i	0.2358-0.1774i	--	1.0315-0.2370i	-0.0967+0.2622i	-0.9710-1.2568i	1.0818-0.0247i	-0.0091+0.0190i
19.9	0.8203-0.2288i	0.2384-0.1878i	--	1.0035-0.1654i	-0.0515+0.2382i	-1.0273-1.3497i	1.0607+0.0352i	-0.0157+0.0188i
20.0	0.7745-0.1835i	0.2518-0.1997i	--	0.9556-0.0978i	-0.0146+0.2121i	-1.0615-1.4321i	1.0227+0.0934i	-0.0240+0.0179i
20.1	0.7535-0.1155i	0.2602-0.2106i	--	0.9303-0.0172i	0.0043+0.1540i	-1.0833-1.5050i	0.9959+0.1757i	-0.0262+0.0190i
20.2	0.7530-0.0438i	0.2666-0.2339i	--	0.9225+0.0727i	-0.0139+0.0914i	-1.0922-1.5875i	0.9961+0.2721i	-0.0361+0.0171i
20.3	0.7592+0.0447i	0.2747-0.2492i	--	0.9182+0.1858i	-0.0245+0.0494i	-1.0625-1.6826i	1.0027+0.3880i	-0.0400+0.0227i
20.4	0.7658+0.0984i	0.2809-0.2775i	--	0.9125+0.2726i	-0.0202+0.0468i	-1.0032-1.8543i	0.9936+0.4718i	-0.0415+0.0307i
20.5	0.7771+0.1753i	0.2866-0.3153i	--	0.9256+0.3999i	-0.0382+0.0367i	-0.9994-2.0876i	1.0122+0.5946i	-0.0493+0.0415i
20.6	0.8204+0.2912i	0.2879-0.3570i	--	0.9726+0.5784i	-0.0628+0.0244i	-1.0301-2.3958i	1.0692+0.7676i	-0.0477+0.0625i
20.7	0.9122+0.3929i	0.2617-0.4131i	--	1.0902+0.7432i	-0.0825+0.0353i	-1.2309-2.7338i	1.1971+0.9243i	-0.0417+0.0809i
20.8	1.0050+0.4476i	0.1969-0.4670i	--	1.2427+0.8575i	-0.0450+0.0809i	-1.5013-3.0080i	1.3366+1.0194i	-0.0356+0.0898i
20.9	1.1453+0.5429i	0.1386-0.4781i	--	1.4713+0.9977i	0.0060+0.0530i	-1.8962-3.2548i	1.5503+1.1663i	-0.0333+0.0974i
21.0	1.2486+0.6109i	0.1095-0.4744i	--	1.6318+1.0729i	0.0084-0.0032i	-2.2113-3.4271i	1.7107+1.2641i	-0.0208+0.1185i
21.1	1.4692+0.6762i	0.0735-0.4577i	--	1.9243+1.1256i	-0.0256-0.0771i	-2.7100-3.4802i	2.0221+1.3348i	0.0036+0.1389i
21.2	1.6670+0.6852i	0.0675-0.4482i	--	2.1627+1.1208i	-0.1112-0.1118i	-3.1404-3.4513i	2.2975+1.3354i	0.0395+0.1351i
21.3	1.8384+0.6313i	0.0505-0.4444i	--	2.3873+1.0563i	-0.1520-0.1227i	-3.4949-3.3834i	2.5382+1.2659i	0.0590+0.1292i
21.4	1.9805+0.5581i	0.0141-0.4337i	--	2.5837+0.9634i	-0.1797-0.1413i	-3.9664-3.2320i	2.7517+1.1670i	0.0899+0.1060i
21.5	2.0854+0.4874i	0.0049-0.3965i	--	2.7200+0.8522i	-0.1954-0.1530i	-4.2159-3.0255i	2.8949+1.0575i	0.1086+0.1018i
21.6	2.2164+0.3609i	0.0126-0.4065i	--	2.8733+0.7048i	-0.2293-0.0934i	-4.3832-2.7935i	3.0590+0.8831i	0.1158+0.0798i
21.7	2.3052+0.2659i	-0.0046-0.4048i	--	2.9982+0.6012i	-0.2491-0.0642i	-4.6670-2.6659i	3.1881+0.7561i	0.1252+0.0797i
21.8	2.3984+0.1741i	0.0125-0.3941i	--	3.1125+0.4861i	-0.2745-0.0423i	-4.8355-2.4483i	3.3109+0.6162i	0.1274+0.0828i
21.9	2.4420+0.1260i	-0.0010-0.3953i	--	3.1861+0.4298i	-0.2897-0.0179i	-5.1255-2.2933i	3.3931+0.5443i	0.1400+0.0717i
22.0	2.5081+0.0332i	-0.0042-0.3972i	--	3.2759+0.3030i	-0.3010+0.0059i	-5.2765-2.0542i	3.4767+0.4056i	0.1410+0.0673i
22.1	2.5505-0.0109i	-0.0012-0.3852i	--	3.3360+0.2189i	-0.3068-0.0034i	-5.3431-1.7894i	3.5258+0.3273i	0.1376+0.0573i
22.2	2.6222-0.1345i	0.0059-0.4452i	--	3.4209+0.0884i	-0.2965+0.0101i	-5.5040-1.5897i	3.6026+0.1720i	0.1621+0.0047i
22.3	2.6754-0.1813i	-0.0093-0.4433i	--	3.4980+0.0235i	-0.2817+0.0406i	-5.5991-1.4314i	3.6682+0.0951i	0.1624+0.0250i
22.4	2.7380-0.2014i	-0.0168-0.4144i	--	3.5771-0.0235i	-0.2789+0.0428i	-5.7126-1.2029i	3.7460+0.0463i	0.1647+0.0327i
22.5	2.8190-0.2388i	-0.0177-0.4110i	--	3.6748-0.0786i	-0.2686+0.0116i	-5.7985-0.9954i	3.8338-0.0128i	0.1824-0.0062i
22.6	2.8825-0.2599i	-0.0377-0.3977i	--	3.7722-0.1271i	-0.2868-0.0170i	-5.8742-0.7230i	3.9190-0.0686i	0.1553-0.0324i
22.7	2.9849-0.3063i	-0.0300-0.4220i	--	3.8867-0.1798i	-0.3036-0.0232i	-5.8998-0.5317i	4.0243-0.1296i	0.1675-0.0650i
22.8	3.1171-0.3621i	-0.0326-0.4332i	--	4.0466-0.2547i	-0.3273-0.0600i	-5.9361-0.3316i	4.1673-0.2087i	0.1565-0.0999i
22.9	3.2290-0.4561i	-0.0245-0.4260i	--	4.1564-0.3965i	-0.3998-0.0814i	-5.8275-0.0721i	4.2679-0.3357i	0.0994-0.1099i
23.0	3.3443-0.5530i	-0.0285-0.4540i	--	4.2812-0.5155i	-0.4063-0.0538i	-5.7766+0.0280i	4.3819-0.4420i	0.1009-0.1136i
23.1	3.4515-0.5901i	-0.0770-0.4296i	--	4.4231-0.5852i	-0.3664-0.0496i	-5.9316+0.1429i	4.5069-0.5012i	0.1182-0.1023i
23.2	3.5946-0.6722i	-0.0435-0.4072i	--	4.5477-0.7113i	-0.4299-0.1021i	-5.8281+0.3887i	4.6273-0.6114i	0.0890-0.1344i
23.3	3.7435-0.7740i	0.0095-0.4050i	--	4.6961-0.8445i	-0.4830-0.0768i	-5.7504+0.4879i	4.7746-0.7305i	0.0761-0.1036i
23.4	3.9156-0.8598i	0.0494-0.4211i	--	4.8611-0.9444i	-0.4978-0.0709i	-5.6835+0.5266i	4.9446-0.8178i	0.0980-0.0984i
23.5	4.1126-1.0104i	0.0616-0.4640i	--	5.0486-1.1117i	-0.5332-0.0408i	-5.5987+0.6247i	5.1376-0.9767i	0.0937-0.1002i
23.6	4.3184-1.2209i	0.0795-0.4796i	--	5.2427-1.3660i	-0.5807-0.0749i	-5.4955+0.7496i	5.3408-1.2119i	0.0863-0.1247i
23.7	4.5180-1.3673i	0.1484-0.5217i	--	5.4017-1.5178i	-0.6842-0.0430i	-5.3358+0.7036i	5.5239-1.3469i	0.0789-0.1103i
23.8	4.6938-1.6261i	0.2018-0.6140i	--	5.5403-1.7596i	-0.6981+0.0086i	-5.2362+0.5541i	5.6738-1.5816i	0.1089-0.1117i
23.9	4.8770-1.9158i	0.2748-0.6744i	--	5.6816-2.0337i	-0.8163+0.0026i	-5.1850+0.3942i	5.8490-1.8479i	0.1051-0.1303i
24.0	5.1106-2.2720i	0.3571-0.8824i	--	5.8491-2.3162i	-0.9725+0.1808i	-5.0986+0.2149i	6.0680-2.1708i	0.0980-0.1504i
24.1	5.2709-2.5620i	0.3561-1.0112i	--	6.0218-2.5481i	-1.0257+0.3004i	-5.2233-0.0404i	6.2470-2.4217i	0.0864-0.1468i
24.2	5.3410-2.9447i	0.2523-1.1504i	--	6.1490-2.8835i	-0.9750+0.3367i	-5.4238-0.3497i	6.3607-2.7603i	0.0686-0.1756i
24.3	5.3981-3.3840i	0.1476-1.3167i	--	6.2817-3.2368i	-0.9750+0.4476i	-5.8589-0.6787i	6.4967-3.1392i	0.0538-0.1821i
24.4	5.4782-3.9453i	0.0136-1.5384i	--	6.4301-3.6703i	-0.9422+0.6453i	-6.4456-1.1714i	6.6557-3.6187i	0.1003-0.1849i
24.5	5.3796-4.5376i	-0.1757-1.6972i	--	6.4787-4.2055i	-0.9074+0.7149i	-7.2380-1.4335i	6.6854-4.1728i	0.0908-0.2195i

24.6	5.3272-5.0148i	-0.3864-1.8815i	--	6.5922-4.6445i	-0.8681+0.8896i	-8.1180-1.3685i	6.7702-4.6387i	0.0830-0.2133i
24.7	5.2876-5.6213i	-0.7080-2.0187i	--	6.8017-5.2244i	-0.8208+1.0054i	-9.3898-1.3983i	6.9330-5.2339i	0.0523-0.2385i
24.8	5.0324-6.2146i	-1.0290-2.0300i	--	6.7655-5.8966i	-0.6881+1.1034i	-10.4122-0.8423i	6.8352-5.8940i	0.0338-0.2752i
24.9	4.7480-6.5728i	-1.2456-2.0142i	--	6.6108-6.3713i	-0.5880+1.1576i	-11.0724-0.1802i	6.6504-6.3264i	0.0321-0.2783i
25.0	4.2146-7.0643i	-1.6087-1.9479i	--	6.2783-7.0226i	-0.4657+1.1900i	-12.1670+0.6702i	6.3078-6.9296i	-0.0028-0.2926i
25.1	3.6612-7.6578i	-2.0118-1.8294i	--	5.9358-7.8093i	-0.3258+1.2403i	-13.2986+1.8090i	5.9703-7.6697i	-0.0365-0.2815i
25.2	2.9791-8.0585i	-2.3810-1.5590i	--	5.3906-8.5146i	-0.2012+1.3047i	-14.1516+3.5790i	5.4669-8.3140i	-0.0655-0.2482i
25.3	2.4957-8.1588i	-2.6246-1.3247i	--	4.9734-8.8338i	-0.0874+1.2941i	-14.5916+4.8170i	5.0863-8.6071i	-0.0752-0.2406i
25.4	1.8458-8.1719i	-2.9166-0.8283i	--	4.3984-9.2111i	0.0032+1.2729i	-15.0092+7.1266i	4.5461-8.9894i	-0.1179-0.2174i
25.5	1.4958-8.2399i	-3.0026-0.4337i	--	4.0400-9.5919i	0.0778+1.2277i	-14.9660+9.0439i	4.2207-9.3568i	-0.0995-0.1998i
25.6	0.9802-8.3438i	-2.9652+0.0929i	--	3.3861-10.1928i	0.1772+1.1574i	-14.0950+11.8392i	3.6142-9.9218i	-0.0753-0.1805i
25.7	0.4823-8.4432i	-2.7907+0.5358i	--	2.6328-10.6917i	0.2376+1.0736i	-12.5109+14.1290i	2.9103-10.3943i	-0.0933-0.2032i
25.8	-0.0299-8.5788i	-2.6006+0.7790i	--	1.7810-10.9912i	0.2561+1.0623i	-10.5999+15.3345i	2.1423-10.7088i	-0.1123-0.2213i
25.9	-0.6163-8.3062i	-2.3997+0.9373i	--	0.8726-10.7167i	0.2836+1.0783i	-8.5761+15.6849i	1.3240-10.5465i	-0.1150-0.2045i
26.0	-1.0121-8.1824i	-2.2620+1.2149i	--	0.3029-10.7651i	0.3527+1.0903i	-7.2097+16.8333i	0.7814-10.6544i	-0.1034-0.1742i
26.1	-1.5515-7.9849i	-1.9084+1.4495i	--	-0.6002-10.6864i	0.4693+1.0382i	-4.6444+17.4696i	-0.1301-10.6318i	-0.0774-0.1841i
26.2	-1.9531-7.8230i	-1.6520+1.5324i	--	-1.2928-10.5662i	0.5616+0.9768i	-2.6355+17.4926i	-0.8153-10.5673i	-0.0718-0.2115i
26.3	-2.2867-7.5686i	-1.3659+1.5768i	--	-1.9522-10.3431i	0.6173+0.8861i	-0.5680+17.3513i	-1.4681-10.3957i	-0.1005-0.2076i
26.4	-2.5036-7.1984i	-1.1039+1.4877i	--	-2.4912-9.8093i	0.6260+0.7710i	1.2771+16.1434i	-2.0305-9.9145i	-0.0815-0.2125i
26.5	-2.8034-6.9323i	-0.8878+1.4164i	--	-3.0897-9.4295i	0.6455+0.6461i	2.9627+15.1641i	-2.6464-9.5913i	-0.0481-0.2385i
26.6	-3.0327-6.7801i	-0.7372+1.3891i	--	-3.5715-9.1902i	0.6696+0.5776i	4.3605+14.4904i	-3.1378-9.4021i	-0.0321-0.2698i
26.7	-3.1490-6.5916i	-0.6058+1.2949i	--	-3.8801-8.7601i	0.6577+0.4939i	5.3989+13.1622i	-3.4791-9.0280i	-0.0299-0.3720i
26.8	-3.2627-6.3898i	-0.5040+1.1742i	--	-4.1283-8.2701i	0.6004+0.4402i	6.1580+11.6382i	-3.7660-8.5871i	-0.0658-0.4409i
26.9	-3.4606-6.1420i	-0.4038+1.0328i	--	-4.4186-7.6931i	0.5585+0.3852i	6.8422+9.8709i	-4.1288-8.0783i	-0.1234-0.5213i
27.0	-3.6092-5.9924i	-0.3734+0.9282i	--	-4.5682-7.3133i	0.5013+0.3647i	7.0134+8.5825i	-4.3562-7.7309i	-0.2484-0.5616i
27.1	-3.7676-5.8005i	-0.3627+0.8083i	--	-4.6965-6.9093i	0.4298+0.3643i	6.9138+7.3267i	-4.5573-7.3382i	-0.3612-0.5671i
27.2	-4.0568-5.5286i	-0.3847+0.6615i	--	-4.8946-6.3677i	0.3876+0.4002i	6.5860+5.6158i	-4.8585-6.7887i	-0.4813-0.5166i
27.3	-4.2538-5.3435i	-0.4342+0.5882i	--	-5.0212-6.0433i	0.3795+0.4389i	6.3309+4.6245i	-5.0452-6.4517i	-0.5656-0.4714i
27.4	-4.3581-5.0653i	-0.5229+0.5717i	--	-4.9977-5.6622i	0.3834+0.4492i	5.6404+3.8730i	-5.0742-6.0399i	-0.6195-0.4421i
27.5	-4.4486-4.8387i	-0.5523+0.5682i	--	-5.0215-5.3613i	0.4199+0.4723i	5.2535+3.3462i	-5.1408-5.7128i	-0.6633-0.3895i
27.6	-4.5338-4.5920i	-0.5924+0.5347i	--	-4.9919-4.9978i	0.4760+0.5108i	4.6710+2.5885i	-5.1646-5.3115i	-0.7033-0.2924i
27.7	-4.6171-4.4050i	-0.6661+0.5152i	--	-4.9391-4.7532i	0.5217+0.4863i	3.9745+2.1724i	-5.1680-5.0391i	-0.7297-0.2672i
27.8	-4.6806-4.2046i	-0.7321+0.5126i	--	-4.9122-4.5350i	0.5416+0.4561i	3.4901+1.9292i	-5.1780-4.7929i	-0.7694-0.2581i
27.9	-4.7276-3.8908i	-0.8353+0.5384i	--	-4.8505-4.2044i	0.5831+0.4275i	2.8541+1.6337i	-5.1469-4.3984i	-0.8284-0.1985i
28.0	-4.7602-3.6483i	-0.9243+0.5929i	--	-4.8064-3.9488i	0.6060+0.4119i	2.3303+1.4988i	-5.1146-4.1171i	-0.8823-0.1249i
28.1	-4.7794-3.4002i	-0.9865+0.7013i	--	-4.7021-3.6722i	0.6468+0.3834i	1.7460+1.4867i	-5.0595-3.8606i	-0.9159-0.0761i
28.2	-4.7102-3.1413i	-0.9750+0.8119i	--	-4.4657-3.4830i	0.6722+0.3091i	1.2315+1.7565i	-4.9471-3.6199i	-0.9846-0.0333i
28.3	-4.6681-3.0050i	-0.9917+0.8587i	--	-4.3601-3.4260i	0.6690+0.2696i	1.0487+1.8776i	-4.8975-3.4710i	-1.0675+0.0265i
28.4	-4.5780-2.8563i	-1.0303+0.9349i	--	-4.2348-3.3503i	0.6675+0.2249i	0.8532+1.9496i	-4.8052-3.2872i	-1.1370+0.1429i
28.5	-4.4990-2.7237i	-1.0521+1.0498i	--	-4.1298-3.2819i	0.6710+0.1665i	0.7181+1.9541i	-4.7291-3.1027i	-1.2003+0.3072i
28.6	-4.4400-2.6367i	-1.0825+1.1767i	--	-4.0145-3.2412i	0.6819+0.1075i	0.4539+1.8825i	-4.6395-2.9466i	-1.2422+0.4676i
28.7	-4.4434-2.5708i	-1.0844+1.3470i	--	-3.9560-3.2694i	0.6774+0.0487i	0.1336+1.9474i	-4.5870-2.8256i	-1.2629+0.6736i
28.8	-4.4432-2.5023i	-1.0468+1.5541i	--	-3.9243-3.3147i	0.6509-0.0102i	-0.1551+2.0423i	-4.5218-2.6899i	-1.2370+0.9367i
28.9	-4.4272-2.4331i	-0.9363+1.7029i	--	-3.9332-3.3451i	0.5998-0.0534i	-0.3633+2.2154i	-4.4245-2.5849i	-1.1069+1.1408i
29.0	-4.4466-2.3467i	-0.7742+1.8298i	--	-4.0034-3.3552i	0.5405-0.0767i	-0.5451+2.4695i	-4.3408-2.4992i	-0.8965+1.3003i
29.1	-4.5027-2.2226i	-0.5671+1.9462i	--	-4.1247-3.3226i	0.4829-0.1005i	-0.7154+2.7322i	-4.2741-2.4007i	-0.6424+1.4178i
29.2	-4.5605-2.0951i	-0.3813+2.0465i	--	-4.2430-3.2728i	0.4375-0.1217i	-0.8558+2.9605i	-4.2367-2.3021i	-0.4216+1.5150i
29.3	-4.5450-1.9384i	-0.1465+2.0412i	--	-4.3218-3.1414i	0.3733-0.1171i	-0.8410+3.1718i	-4.1589-2.2108i	-0.1811+1.4903i
29.4	-4.5697-1.7736i	0.0547+2.0196i	--	-4.4328-2.9974i	0.3248-0.1066i	-0.8623+3.3614i	-4.1226-2.1166i	0.0469+1.4598i
29.5	-4.5697-1.6196i	0.1804+2.0077i	--	-4.4969-2.8716i	0.3073-0.0903i	-0.8310+3.6088i	-4.1030-2.0507i	0.1854+1.4045i
29.6	-4.5081-1.5041i	0.3406+1.9198i	--	-4.5245-2.7369i	0.2958-0.0428i	-0.6481+3.7735i	-4.0570-2.0039i	0.3152+1.3002i
29.7	-4.4480-1.3653i	0.5304+1.7901i	--	-4.5472-2.5520i	0.2666-0.0003i	-0.5384+3.8680i	-3.9959-1.9170i	0.4868+1.1784i
29.8	-4.4163-1.2547i	0.6605+1.7038i	--	-4.5758-2.4266i	0.2590+0.0217i	-0.4595+3.9544i	-3.9724-1.8525i	0.6113+1.1108i
29.9	-4.3870-1.1451i	0.7235+1.6128i	--	-4.5599-2.2978i	0.2813+0.0509i	-0.4295+4.0133i	-3.9489-1.7911i	0.6661+1.0342i
30.0	-4.2944-1.0266i	0.7494+1.4913i	--	-4.4995-2.1498i	0.3200+0.0511i	-0.3555+4.1178i	-3.8846-1.7288i	0.7388+0.8795i
30.1	-4.2213-0.9152i	0.7858+1.3675i	--	-4.4600-1.9987i	0.3607+0.0476i	-0.2889+4.1551i	-3.8380-1.6476i	0.8231+0.7343i
30.2	-4.1325-0.7904i	0.8013+1.2803i	--	-4.3868-1.8528i	0.4038+0.0009i	-0.2792+4.2836i	-3.7747-1.5682i	0.8844+0.5674i
30.3	-4.0526-0.7147i	0.8144+1.2380i	--	-4.3220-1.7882i	0.3886-0.0564i	-0.2040+4.4758i	-3.7219-1.5314i	0.8639+0.4372i
30.4	-3.9655-0.6632i	0.8313+1.1725i	--	-4.2688-1.7403i	0.3342-0.0816i	-0.0362+4.6558i	-3.6678-1.5194i	0.8001+0.3131i
30.5	-3.8914-0.6121i	0.8491+1.1091i	--	-4.2464-1.6802i	0.3027-0.0646i	0.2018+4.7297i	-3.6391-1.4958i	0.7619+0.2499i
30.6	-3.8178-0.5284i	0.8761+1.0325i	--	-4.2374-1.5612i	0.3140-0.0362i	0.5045+4.7439i	-3.6342-1.4354i	0.7535+0.1803i
30.7	-3.7402-0.4868i	0.9009+0.9970i	--	-4.2035-1.4868i	0.3175-0.0412i	0.6911+4.6838i	-3.6077-1.3932i	0.7521+0.1271i
30.8	-3.6680-0.4483i	0.9266+0.9405i	--	-4.1677-1.4056i	0.3311-0.0506i	0.8322+4.6260i	-3.5822-1.3573i	0.7658+0.0420i

30.9	-3.6018-0.4128i	0.9302+0.8670i	--	-4.1220-1.3188i	0.3376-0.0614i	0.9594+4.5724i	-3.5598-1.3156i	0.7337-0.0452i
31.0	-3.5327-0.3703i	0.9476+0.8307i	--	-4.0761-1.2421i	0.3411-0.0992i	1.0721+4.5558i	-3.5327-1.2709i	0.7151-0.1298i
31.1	-3.4499-0.3349i	0.9717+0.7813i	--	-4.0182-1.1653i	0.3267-0.1425i	1.2412+4.5048i	-3.4993-1.2265i	0.6729-0.2297i
31.2	-3.3525-0.3013i	0.9795+0.7211i	--	-3.9486-1.0683i	0.3026-0.1796i	1.4514+4.3450i	-3.4598-1.1656i	0.6042-0.3254i
31.3	-3.2991-0.2941i	0.9746+0.6787i	--	-3.8955-1.0087i	0.2788-0.2053i	1.5301+4.1727i	-3.4333-1.1242i	0.5359-0.3729i
31.4	-3.2532-0.2968i	0.9831+0.6261i	--	-3.8461-0.9562i	0.2462-0.2240i	1.6154+4.0273i	-3.4140-1.0994i	0.4528-0.4379i
31.5	-3.1886-0.3113i	0.9915+0.5802i	--	-3.7739-0.9350i	0.2105-0.2221i	1.6334+3.8902i	-3.3705-1.0850i	0.3847-0.4506i
31.6	-3.1260-0.3009i	0.9927+0.5168i	--	-3.6996-0.8550i	0.1662-0.2404i	1.6752+3.6737i	-3.3381-1.0344i	0.2905-0.5065i
31.7	-3.0641-0.2967i	0.9823+0.4478i	--	-3.6129-0.8013i	0.1299-0.2261i	1.6911+3.5383i	-3.3002-0.9875i	0.1919-0.5145i
31.8	-2.9880-0.3105i	0.9610+0.3772i	--	-3.4994-0.7737i	0.1007-0.2050i	1.6607+3.4019i	-3.2386-0.9586i	0.1041-0.5147i
31.9	-2.9500-0.3176i	0.9401+0.3177i	--	-3.4250-0.7478i	0.0637-0.1965i	1.6005+3.3177i	-3.2064-0.9360i	0.0167-0.5314i
32.0	-2.9070-0.3152i	0.9072+0.2664i	--	-3.3515-0.7167i	0.0381-0.1894i	1.5279+3.2059i	-3.1647-0.8967i	-0.0524-0.5262i
32.1	-2.8546-0.2981i	0.8709+0.2211i	--	-3.2582-0.6826i	-0.0005-0.1725i	1.4681+3.1184i	-3.1227-0.8437i	-0.1601-0.4983i
32.2	-2.7840-0.3171i	0.8298+0.1933i	--	-3.1472-0.6986i	-0.0161-0.1429i	1.3520+3.0669i	-3.0404-0.8237i	-0.2122-0.4349i
32.3	-2.7333-0.3296i	0.7970+0.1789i	--	-3.0675-0.7081i	-0.0256-0.1365i	1.2597+3.0358i	-2.9788-0.8123i	-0.2468-0.4115i
32.4	-2.6746-0.3322i	0.7705+0.1664i	--	-2.9765-0.7133i	-0.0533-0.1204i	1.1876+3.0482i	-2.9196-0.7938i	-0.3199-0.3694i
32.5	-2.5717-0.3452i	0.7240+0.1350i	--	-2.8286-0.7358i	-0.0824-0.0774i	1.1142+3.0699i	-2.8166-0.7714i	-0.4120-0.2848i
32.6	-2.4589-0.3845i	0.6786+0.1039i	--	-2.7008-0.7830i	-0.0878-0.0528i	1.0924+3.0809i	-2.6901-0.7836i	-0.4184-0.2286i
32.7	-2.3497-0.4319i	0.6343+0.1067i	--	-2.5866-0.8373i	-0.0927-0.0376i	1.1292+3.0691i	-2.5767-0.8108i	-0.4141-0.1847i
32.8	-2.2448-0.5047i	0.5830+0.0919i	--	-2.4631-0.8970i	-0.1042-0.0140i	1.1502+3.0017i	-2.4691-0.8531i	-0.4479-0.1613i
32.9	-2.0954-0.6383i	0.5376+0.1092i	--	-2.3113-1.0203i	-0.1049+0.0003i	1.1588+2.8922i	-2.3109-0.9593i	-0.4312-0.1359i
33.0	-1.9506-0.7879i	0.4826+0.1371i	--	-2.1404-1.1461i	-0.1153+0.0069i	1.1258+2.7404i	-2.1670-1.0814i	-0.4690-0.1360i
33.1	-1.8064-1.0172i	0.4177+0.1731i	--	-1.9509-1.3573i	-0.1239+0.0337i	1.0147+2.5918i	-2.0149-1.2707i	-0.5110-0.1097i
33.2	-1.6389-1.3584i	0.3661+0.2478i	--	-1.7431-1.6566i	-0.1074+0.0364i	0.7920+2.3313i	-1.8097-1.5733i	-0.4526-0.1555i
33.3	-1.5689-1.8352i	0.3486+0.3265i	--	-1.6129-2.0785i	-0.0926+0.0439i	0.3936+2.1358i	-1.6753-2.0215i	-0.3833-0.2827i
33.4	-1.6095-2.3910i	0.3361+0.4442i	--	-1.5275-2.6017i	-0.0950+0.0223i	-0.1326+2.0038i	-1.6746-2.5692i	-0.4822-0.4592i
33.5	-1.8816-3.1211i	0.3794+0.6103i	--	-1.5829-3.3577i	-0.1438-0.0048i	-0.9661+2.1436i	-1.9079-3.3081i	-0.8102-0.6489i
33.6	-2.4324-3.6949i	0.5191+0.7641i	--	-1.9388-4.0659i	-0.2173-0.0002i	-1.7133+2.6650i	-2.4372-3.8884i	-1.2338-0.6179i
33.7	-3.2155-3.9319i	0.7568+0.7932i	--	-2.5915-4.5552i	-0.3190+0.0579i	-2.1906+3.6180i	-3.2314-4.1121i	-1.6963-0.2780i
33.8	-4.2461-3.9400i	1.0098+0.6752i	--	-3.5864-4.9551i	-0.4221+0.2028i	-2.2855+5.0345i	-4.2886-4.0578i	-2.1335+0.4462i
33.9	-5.2582-3.5818i	1.1362+0.4578i	--	-4.8083-5.0052i	-0.4105+0.4500i	-1.5478+6.4978i	-5.2144-3.5720i	-1.9706+1.4857i
34.0	-5.6027-3.0751i	1.1134+0.3091i	--	-5.4075-4.5827i	-0.3244+0.5308i	-0.6738+6.8555i	-5.4585-3.0698i	-1.4885+1.7724i
34.1	-5.9039-2.4006i	1.0548+0.2223i	--	-6.0688-3.9335i	-0.1797+0.5825i	0.5288+6.9183i	-5.6347-2.4538i	-0.7437+1.9264i
34.2	-6.1961-1.9311i	1.0529+0.1939i	--	-6.6357-3.4241i	-0.0637+0.6029i	1.3871+6.8305i	-5.8264-2.0586i	-0.1810+1.8897i
34.3	-6.2610-1.4265i	1.0747+0.1533i	--	-6.9094-2.7601i	0.0310+0.5830i	2.0339+6.3779i	-5.8583-1.6590i	0.2237+1.5989i
34.4	-6.2225-1.0720i	1.0980+0.0851i	--	-6.9465-2.2439i	0.0766+0.5572i	2.2771+5.9547i	-5.8467-1.3794i	0.3336+1.3020i
34.5	-6.2179-0.7778i	1.1244+0.0033i	--	-6.9725-1.8063i	0.1069+0.5542i	2.3563+5.6596i	-5.8584-1.1231i	0.3692+1.0877i
34.6	-6.2101-0.5114i	1.1634-0.0955i	--	-6.9620-1.4204i	0.1274+0.5542i	2.3561+5.4853i	-5.8777-0.8929i	0.3397+0.8998i
34.7	-6.1693-0.3184i	1.1900-0.1843i	--	-6.8821-1.1389i	0.1458+0.5619i	2.2767+5.4302i	-5.8520-0.7340i	0.2851+0.7468i
34.8	-6.1999-0.1156i	1.1620-0.3052i	--	-6.8662-0.8884i	0.1810+0.5866i	2.2687+5.4823i	-5.8928-0.5343i	0.1902+0.7074i
34.9	-6.1628+0.0473i	1.1091-0.4227i	--	-6.7829-0.6954i	0.2061+0.6104i	2.2456+5.5495i	-5.8690-0.3607i	0.0914+0.7078i
35.0	-6.0969+0.2367i	1.0196-0.5347i	--	-6.6653-0.4960i	0.2536+0.6341i	2.3368+5.7100i	-5.8144-0.1754i	0.0124+0.7295i
35.1	-6.0511+0.4272i	0.9262-0.6131i	--	-6.5849-0.2931i	0.2968+0.6542i	2.4478+5.8569i	-5.7638+0.0067i	-0.0276+0.7580i
35.2	-6.0394+0.6071i	0.7796-0.6715i	--	-6.5536-0.1389i	0.3678+0.6808i	2.7523+6.0308i	-5.7456+0.1988i	-0.0483+0.8685i
35.3	-6.0125+0.7374i	0.6228-0.7033i	--	-6.5261-0.0450i	0.4421+0.6985i	3.1111+6.1687i	-5.7153+0.3533i	-0.0431+1.0068i
35.4	-5.9495+0.8981i	0.4712-0.6936i	--	-6.4767+0.0826i	0.5346+0.6809i	3.5746+6.2039i	-5.6600+0.5055i	-0.0064+1.0952i
35.5	-5.9130+1.0377i	0.3795-0.6272i	--	-6.4487+0.2033i	0.6345+0.6424i	3.9087+6.0605i	-5.5897+0.6468i	0.0980+1.1694i
35.6	-5.8665+1.1770i	0.3038-0.5834i	--	-6.4048+0.3225i	0.6993+0.5832i	4.1516+5.9736i	-5.5150+0.7781i	0.1819+1.2010i
35.7	-5.8425+1.3123i	0.2142-0.5255i	--	-6.3966+0.4244i	0.7426+0.5240i	4.4502+5.9125i	-5.4660+0.8963i	0.2451+1.2428i
35.8	-5.8039+1.3979i	0.1115-0.4492i	--	-6.3929+0.4716i	0.7979+0.5025i	4.8613+5.8412i	-5.4051+0.9845i	0.3359+1.3460i
35.9	-5.7269+1.5111i	0.0663-0.3079i	--	-6.3869+0.5326i	0.8560+0.4407i	5.3163+5.6400i	-5.3212+1.0868i	0.4904+1.4426i
36.0	-5.6719+1.5926i	0.0550-0.2108i	--	-6.4029+0.5986i	0.9030+0.3717i	5.6682+5.3655i	-5.2585+1.1622i	0.6411+1.4620i
36.1	-5.6485+1.6459i	0.0714-0.1278i	--	-6.4533+0.6450i	0.9358+0.3131i	5.9804+5.1159i	-5.2147+1.2260i	0.8034+1.4908i
36.2	-5.6327+1.6581i	0.1145-0.0191i	--	-6.5419+0.6824i	0.9610+0.2295i	6.2791+4.6051i	-5.1453+1.2587i	1.0438+1.4595i
36.3	-5.6235+1.7486i	0.1608+0.0336i	--	-6.6118+0.8240i	0.9831+0.1452i	6.4864+4.1347i	-5.0834+1.3161i	1.2451+1.3387i
36.4	-5.6677+1.7801i	0.2204+0.0537i	--	-6.7358+0.9150i	0.9968+0.0756i	6.6381+3.6880i	-5.0749+1.3236i	1.4266+1.2091i
36.5	-5.7304+1.8454i	0.2600+0.0252i	--	-6.8248+1.0731i	0.9825+0.0129i	6.5407+3.2120i	-5.0903+1.3239i	1.5138+0.9822i
36.6	-5.8328+1.8917i	0.2700+0.0230i	--	-6.9563+1.1810i	0.9856-0.0324i	6.5003+2.8581i	-5.1464+1.3281i	1.5826+0.8316i
36.7	-5.9817+2.0017i	0.2577+0.0506i	--	-7.1088+1.3554i	1.0035-0.0863i	6.4341+2.5295i	-5.2410+1.3812i	1.6294+0.6867i
36.8	-6.0844+2.1280i	0.2476+0.0844i	--	-7.2165+1.5340i	1.0106-0.1562i	6.3718+2.2278i	-5.3105+1.4540i	1.6587+0.5577i
36.9	-6.2294+2.3262i	0.2459+0.1467i	--	-7.3633+1.7909i	1.0207-0.2321i	6.2720+1.9136i	-5.4080+1.5747i	1.6867+0.4204i
37.0	-6.3184+2.5037i	0.2744+0.2292i	--	-7.4365+2.0036i	1.0139-0.3148i	6.1034+1.6708i	-5.4734+1.6709i	1.6790+0.3027i
37.1	-6.4402+2.6737i	0.3283+0.2529i	--	-7.5488+2.2019i	0.9977-0.3730i	5.9443+1.5318i	-5.5764+1.7631i	1.6648+0.1887i

37.2	-6.5468+2.9217i	0.3940+0.2700i	--	-7.6319+2.4791i	0.9687-0.4443i	5.7193+1.3986i	-5.6716+1.9117i	1.6365+0.0651i
37.3	-6.6416+3.1510i	0.4306+0.3158i	--	-7.7016+2.7303i	0.9579-0.5279i	5.5627+1.2333i	-5.7473+2.0414i	1.6204-0.0486i
37.4	-6.7964+3.4573i	0.4834+0.3793i	--	-7.8362+3.0370i	0.9385-0.6357i	5.3830+1.0811i	-5.8643+2.2195i	1.6177-0.1508i
37.5	-6.8804+3.9173i	0.5789+0.4183i	--	-7.9143+3.4837i	0.8719-0.7437i	5.1599+1.0319i	-5.9612+2.5124i	1.5895-0.2625i
37.6	-6.9366+4.2048i	0.6425+0.4532i	--	-7.9786+3.7534i	0.8222-0.8214i	5.0570+1.0164i	-6.0441+2.6800i	1.5610-0.3499i
37.7	-6.9560+4.6346i	0.7664+0.5037i	--	-8.0073+4.1628i	0.7260-0.9155i	4.8246+1.0512i	-6.1034+2.9414i	1.5286-0.4565i
37.8	-6.7781+5.0043i	0.8982+0.5047i	--	-7.8551+4.5121i	0.5976-0.9768i	4.6619+1.1302i	-6.0472+3.1588i	1.4491-0.5675i
37.9	-6.6248+5.4935i	1.0689+0.4885i	--	-7.7474+4.9792i	0.4627-1.0365i	4.5633+1.2704i	-6.0231+3.4636i	1.3925-0.6855i
38.0	-6.5775+6.0489i	1.2581+0.4674i	--	-7.7775+5.5060i	0.3287-1.0981i	4.5642+1.4836i	-6.1204+3.8177i	1.3243-0.8024i
38.1	-6.3601+6.4405i	1.4253+0.3667i	--	-7.6404+5.8977i	0.1890-1.0922i	4.6617+1.7286i	-6.1140+4.0868i	1.2180-0.8958i
38.2	-5.9592+6.8776i	1.5589+0.2108i	--	-7.3404+6.3806i	0.0427-1.0522i	4.9315+1.8289i	-5.9986+4.4636i	1.0835-0.9549i
38.3	-5.6686+7.1729i	1.6690+0.0360i	--	-7.1260+6.7296i	-0.0597-0.9735i	5.2062+1.8844i	-5.9305+4.7778i	0.9829-0.9566i
38.4	-5.3310+7.4950i	1.8058-0.1456i	--	-6.8585+7.1148i	-0.1709-0.9041i	5.4516+1.8957i	-5.8341+5.1184i	0.8644-0.9729i
38.5	-5.0077+7.7255i	1.8461-0.3515i	--	-6.5817+7.4206i	-0.2332-0.8131i	5.6696+1.8486i	-5.6979+5.4207i	0.7694-0.9773i
38.6	-4.6394+8.1250i	1.9052-0.5966i	--	-6.2941+7.8735i	-0.3024-0.7597i	6.0624+1.8204i	-5.5627+5.8288i	0.6747-1.0169i
38.7	-4.1266+8.3598i	1.8467-0.8316i	--	-5.8265+8.2265i	-0.3503-0.6749i	6.3346+1.5179i	-5.2418+6.2084i	0.5784-0.9794i
38.8	-3.7158+8.5297i	1.7736-1.0610i	--	-5.4889+8.4745i	-0.3764-0.5974i	6.7604+1.3293i	-5.0206+6.5170i	0.4946-0.9389i
38.9	-3.1511+8.7374i	1.6553-1.3002i	--	-4.9802+8.7996i	-0.4032-0.5198i	7.1803+1.0163i	-4.6529+6.8887i	0.4043-0.9025i
39.0	-2.6641+8.8682i	1.5061-1.4547i	--	-4.5286+9.0553i	-0.4154-0.4671i	7.4541+0.5323i	-4.2772+7.1877i	0.3648-0.8505i
39.1	-2.2315+8.8196i	1.3512-1.5556i	--	-4.1157+9.1317i	-0.4248-0.4088i	7.6517-0.0002i	-3.9253+7.3370i	0.3376-0.7892i
39.2	-1.7398+8.7014i	1.1743-1.6723i	--	-3.6192+9.1664i	-0.4300-0.3328i	7.7450-0.6096i	-3.5101+7.4373i	0.2957-0.7601i
39.3	-1.2799+8.6674i	0.9824-1.7684i	--	-3.1598+9.3044i	-0.4313-0.2801i	7.8649-1.3543i	-3.0914+7.6263i	0.2958-0.7305i
39.4	-0.8851+8.5847i	0.8158-1.8131i	--	-2.7634+9.3772i	-0.4438-0.2353i	7.9012-2.0459i	-2.7341+7.7603i	0.2927-0.6946i
39.5	-0.4872+8.4700i	0.6260-1.8173i	--	-2.2952+9.4568i	-0.4382-0.1822i	7.6013-2.9068i	-2.2853+7.8818i	0.2968-0.6670i
39.6	-0.0598+8.3516i	0.4721-1.8202i	--	-1.7400+9.5242i	-0.4456-0.1065i	7.0187-3.6104i	-1.7394+7.9670i	0.3274-0.6609i
39.7	0.2594+8.1715i	0.3405-1.8390i	--	-1.3146+9.4741i	-0.4380-0.0178i	6.5434-4.0029i	-1.3473+7.9290i	0.3091-0.6816i
39.8	0.6462+8.0604i	0.1827-1.8380i	--	-0.8160+9.5446i	-0.4106+0.0457i	6.1399-4.6869i	-0.9051+8.0223i	0.2854-0.6675i
39.9	0.9851+7.8476i	0.0204-1.7800i	--	-0.2475+9.4931i	-0.3616+0.1000i	5.2108-5.3337i	-0.3670+7.9958i	0.2893-0.6754i
40.0	1.3234+7.6431i	-0.1188-1.7345i	--	0.3334+9.3812i	-0.3237+0.1483i	4.2063-5.6773i	0.1800+7.8973i	0.2938-0.6958i
40.1	1.6358+7.4162i	-0.2136-1.6698i	--	0.8840+9.1587i	-0.2914+0.1778i	3.2271-5.5945i	0.7027+7.6871i	0.2967-0.7083i
40.2	1.8549+7.1187i	-0.3161-1.6058i	--	1.3325+8.7981i	-0.2375+0.2153i	2.3762-5.1658i	1.1134+7.3360i	0.2647-0.7530i
40.3	1.9583+6.9097i	-0.3858-1.5420i	--	1.5779+8.5169i	-0.2034+0.2341i	1.8444-4.7746i	1.3382+7.0654i	0.2348-0.7735i
40.4	2.1436+6.6629i	-0.5002-1.4678i	--	1.9230+8.1650i	-0.1593+0.2720i	1.3383-4.2375i	1.6403+6.7212i	0.1747-0.7973i
40.5	2.3298+6.4464i	-0.5929-1.3480i	--	2.1979+7.8697i	-0.0801+0.3075i	1.2194-3.8704i	1.8461+6.4540i	0.1031-0.7599i
40.6	2.4997+6.1453i	-0.5958-1.2451i	--	2.4845+7.5082i	0.0106+0.2911i	0.8268-3.6833i	2.1085+6.1431i	0.1416-0.7334i
40.7	2.5403+5.9967i	-0.6179-1.2173i	--	2.5942+7.2562i	0.0600+0.2624i	0.6259-3.2044i	2.2133+5.8842i	0.1409-0.7822i
40.8	2.6577+5.7831i	-0.6932-1.1669i	--	2.7821+6.9285i	0.1177+0.2502i	0.5148-2.6866i	2.3429+5.5600i	0.0795-0.8221i
40.9	2.7451+5.5530i	-0.7124-1.0985i	--	2.9254+6.6171i	0.1412+0.2181i	0.3479-2.3696i	2.4534+5.2627i	0.0510-0.8508i
41.0	2.8574+5.3637i	-0.7438-1.0349i	--	3.1024+6.3479i	0.1552+0.1651i	0.1759-2.0678i	2.5807+5.0123i	-0.0066-0.8849i
41.1	2.9464+5.1680i	-0.7683-0.9575i	--	3.2191+6.0274i	0.1385+0.1694i	0.1951-1.5412i	2.6463+4.7127i	-0.0917-0.8679i
41.2	3.0292+5.0208i	-0.8300-0.8955i	--	3.2822+5.8151i	0.1951+0.1385i	0.4736-1.2787i	2.6473+4.4961i	-0.1588-0.9058i
41.3	3.1599+4.7911i	-0.8422-0.7626i	--	3.4313+5.5332i	0.1769+0.0497i	0.6051-1.1881i	2.6879+4.2535i	-0.3241-0.9228i
41.4	3.1072+4.5164i	-0.7422-0.7107i	--	3.3866+5.1667i	0.0951+0.0982i	0.5443-1.0047i	2.6252+3.9958i	-0.3998-0.7474i
41.5	3.0953+4.4452i	-0.7695-0.7289i	--	3.3673+5.0271i	0.1331+0.1662i	0.6350-0.7188i	2.5682+3.8881i	-0.4302-0.6728i
41.6	3.2200+4.1837i	-0.7570-0.6298i	--	3.4454+4.6734i	0.2256+0.1759i	0.9518-0.4676i	2.6141+3.6544i	-0.3904-0.5152i
41.7	3.1753+3.9668i	-0.7154-0.6586i	--	3.3411+4.4302i	0.2942+0.1455i	1.2376-0.4020i	2.5324+3.4484i	-0.3042-0.5307i
41.8	3.0962+3.8612i	-0.7753-0.6940i	--	3.2384+4.3194i	0.3108+0.0727i	1.3689-0.4182i	2.4048+3.3302i	-0.3521-0.6274i
41.9	3.2004+3.7640i	-0.8646-0.6123i	--	3.3406+4.2076i	0.3343+0.0200i	1.5207-0.4773i	2.4166+3.3097i	-0.4685-0.5547i
42.0	3.3014+3.6616i	-0.8733-0.5568i	--	3.4387+4.0792i	0.3258-0.0358i	1.6048-0.4319i	2.4844+3.2530i	-0.4950-0.5136i
42.1	3.2841+3.4110i	-0.8496-0.5012i	--	3.4010+3.7999i	0.2498-0.0548i	1.6529-0.4410i	2.4865+3.0488i	-0.5030-0.4546i
42.2	3.2050+3.1978i	-0.8752-0.4074i	--	3.2954+3.5922i	0.2375-0.0529i	1.7831-0.6406i	2.3950+2.9319i	-0.5293-0.3366i
42.3	3.2113+3.0515i	-0.8417-0.3249i	--	3.2927+3.4330i	0.2384-0.0614i	1.8474-0.6641i	2.4168+2.8400i	-0.5029-0.2625i
42.4	3.1634+2.9432i	-0.8357-0.3441i	--	3.2253+3.3194i	0.2306-0.0480i	1.9213-0.6622i	2.3800+2.7407i	-0.4773-0.2497i
42.5	3.1424+2.8468i	-0.8796-0.3149i	--	3.2103+3.2318i	0.2269-0.0611i	1.8947-0.7938i	2.3736+2.6841i	-0.4753-0.2042i
42.6	3.1688+2.7223i	-0.8861-0.2291i	--	3.2316+3.1025i	0.2099-0.0616i	1.8804-0.8862i	2.4033+2.6073i	-0.4681-0.1363i
42.7	3.0744+2.6196i	-0.8548-0.1712i	--	3.1265+3.0112i	0.2207-0.0527i	1.8821-1.0397i	2.3423+2.5723i	-0.4270-0.0526i
42.8	3.0734+2.5131i	-0.8576-0.1385i	--	3.1102+2.9007i	0.2820-0.0326i	1.8929-1.0467i	2.3754+2.4965i	-0.3124+0.0060i
42.9	3.0042+2.3965i	-0.8427-0.0991i	--	3.0356+2.8089i	0.3066-0.0950i	1.9180-1.1000i	2.3376+2.3846i	-0.2486-0.0816i
43.0	2.9563+2.3185i	-0.8197-0.0612i	--	3.0271+2.7617i	0.2656-0.1534i	1.7884-1.2783i	2.3401+2.3389i	-0.2652-0.1201i
43.1	2.9502+2.2278i	-0.8313-0.0249i	--	3.0590+2.6737i	0.2253-0.1604i	1.6107-1.3742i	2.3698+2.2747i	-0.2967-0.0964i
43.2	2.9447+2.1692i	-0.8184+0.0382i	--	3.0887+2.6186i	0.2354-0.1470i	1.4449-1.4766i	2.4012+2.2573i	-0.2737-0.0257i
43.3	2.9270+2.0655i	-0.7876+0.0832i	--	3.0968+2.4894i	0.2520-0.2194i	1.3045-1.3926i	2.4414+2.1531i	-0.2086-0.0683i
43.4	2.8779+1.9828i	-0.7747+0.1168i	--	3.0592+2.3865i	0.1865-0.2335i	1.2569-1.2953i	2.4361+2.0511i	-0.2262-0.0878i

43.5	2.8542+1.9147i	-0.7596+0.1415i	--	3.0362+2.3228i	0.1629-0.1991i	1.2690-1.2947i	2.4240+1.9809i	-0.2337-0.0698i
43.6	2.8209+1.8389i	-0.7569+0.1959i	--	3.0102+2.2498i	0.1727-0.1765i	1.3503-1.3069i	2.3754+1.8953i	-0.2471-0.0715i
43.7	2.7727+1.7590i	-0.6989+0.2584i	--	2.9923+2.1524i	0.1865-0.1791i	1.2501-1.3237i	2.3523+1.8322i	-0.2271-0.0284i
43.8	2.7185+1.6930i	-0.6382+0.2529i	--	2.9899+2.0716i	0.1594-0.2029i	0.9346-1.3690i	2.3902+1.7822i	-0.1754-0.0292i
43.9	2.6903+1.6582i	-0.6235+0.2662i	--	3.0073+2.0064i	0.1527-0.2091i	0.7323-1.2638i	2.4237+1.7163i	-0.1488-0.0563i
44.0	2.6792+1.6158i	-0.6354+0.2642i	--	3.0141+1.9215i	0.1435-0.2061i	0.6843-1.0340i	2.4341+1.6073i	-0.1634-0.1064i
44.1	2.6982+1.5266i	-0.6434+0.3725i	--	3.0303+1.7794i	0.1032-0.2175i	0.8169-0.8662i	2.4177+1.4829i	-0.2372-0.0961i
44.2	2.6139+1.4730i	-0.5364+0.4022i	--	2.9300+1.7162i	0.0842-0.1680i	0.8974-0.9617i	2.3362+1.4346i	-0.2223-0.0527i
44.3	2.5864+1.4324i	-0.4905+0.4041i	--	2.9270+1.6396i	0.1035-0.1537i	0.7557-0.8848i	2.3261+1.3729i	-0.2159-0.0316i
44.4	2.5812+1.3991i	-0.4407+0.4250i	--	2.9374+1.5628i	0.1296-0.1768i	0.6166-0.8326i	2.3382+1.3497i	-0.1971+0.0127i
44.5	2.5481+1.3465i	-0.4036+0.4630i	--	2.8889+1.4645i	0.1206-0.2049i	0.6117-0.6771i	2.3264+1.2793i	-0.1744+0.0188i
44.6	2.5220+1.2758i	-0.3445+0.4999i	--	2.8392+1.3739i	0.1132-0.1969i	0.7395-0.6236i	2.2813+1.1998i	-0.1722+0.0272i
44.7	2.4878+1.2152i	-0.2430+0.5037i	--	2.7936+1.2883i	0.0861-0.1949i	0.7397-0.6021i	2.2684+1.1530i	-0.1497+0.0555i
44.8	2.4729+1.1599i	-0.1329+0.4438i	--	2.7614+1.2168i	0.0592-0.1644i	0.7110-0.5897i	2.3003+1.0856i	-0.0874+0.0704i
44.9	2.3971+1.1101i	-0.1495+0.3788i	--	2.6731+1.1801i	0.0785-0.1470i	0.7030-0.5907i	2.2304+0.9935i	-0.0737+0.0074i
45.0	2.3466+1.0939i	-0.1509+0.3512i	--	2.6372+1.1454i	0.0980-0.1275i	0.6192-0.4737i	2.2033+0.9318i	-0.0631-0.0114i
45.1	2.3063+1.0877i	-0.1407+0.3227i	--	2.6036+1.0860i	0.1320-0.1379i	0.6422-0.2607i	2.1520+0.8560i	-0.0644-0.0308i
45.2	2.3221+1.0802i	-0.1550+0.3535i	--	2.6159+1.0515i	0.1338-0.1852i	0.6429-0.2186i	2.1374+0.8655i	-0.0863-0.0129i
45.3	2.3282+1.0427i	-0.1460+0.3950i	--	2.6056+0.9790i	0.1196-0.2339i	0.7393-0.1467i	2.1317+0.8417i	-0.0944+0.0096i
45.4	2.3142+0.9861i	-0.0798+0.3730i	--	2.5517+0.9164i	0.0934-0.2243i	0.8706-0.1811i	2.0987+0.7798i	-0.0813+0.0054i
45.5	2.2987+0.9546i	-0.0087+0.3276i	--	2.5266+0.8754i	0.0763-0.2444i	0.8373-0.2346i	2.0976+0.7626i	-0.0713+0.0116i
45.6	2.2640+0.9156i	0.0058+0.2908i	--	2.4808+0.8259i	0.0551-0.2305i	0.8435-0.2000i	2.0718+0.7028i	-0.0821+0.0160i
45.7	2.2557+0.8852i	-0.0018+0.2741i	--	2.4676+0.7883i	0.0446-0.2146i	0.7946-0.1827i	2.0670+0.6716i	-0.0726+0.0457i
45.8	2.2293+0.8503i	0.0002+0.2541i	--	2.4255+0.7442i	0.0415-0.1941i	0.7908-0.0805i	2.0544+0.6304i	-0.0498+0.0473i
45.9	2.1785+0.8083i	0.0486+0.2608i	--	2.3703+0.6879i	0.0372-0.1827i	0.8206+0.0068i	2.0172+0.5817i	-0.0348+0.0771i
46.0	2.1785+0.8157i	0.0731+0.1961i	--	2.3443+0.6775i	0.0821-0.1743i	1.0104+0.0788i	1.9973+0.5615i	0.0211+0.0769i
46.1	2.1844+0.7957i	0.0021+0.1040i	--	2.3071+0.6585i	0.0814-0.2241i	1.1733-0.0256i	2.0009+0.5183i	0.0850-0.0004i
46.2	2.1535+0.7769i	-0.0953+0.1241i	--	2.2556+0.6472i	0.0512-0.2755i	1.1811-0.1486i	1.9506+0.4845i	0.0459-0.0698i
46.3	2.1586+0.7378i	-0.1227+0.1733i	--	2.2603+0.6229i	0.0163-0.2739i	1.0492-0.1996i	1.9526+0.4739i	0.0128-0.0701i
46.4	2.1640+0.7044i	-0.0760+0.2540i	--	2.2766+0.5825i	-0.0464-0.2770i	0.8612-0.0973i	2.0172+0.4460i	0.0270-0.0485i
46.5	2.1649+0.6646i	-0.0323+0.2894i	--	2.2788+0.5195i	-0.0867-0.2510i	0.9367+0.1112i	2.0333+0.3576i	0.0113-0.0534i
46.6	2.1695+0.6220i	0.0167+0.2733i	--	2.2485+0.4505i	-0.1051-0.2115i	1.2325+0.1694i	2.0196+0.2640i	0.0077-0.0418i
46.7	2.1195+0.5748i	0.0166+0.2455i	--	2.1843+0.4195i	-0.0778-0.1792i	1.3007+0.0306i	1.9471+0.1878i	0.0141-0.0761i
46.8	2.0845+0.5483i	0.0244+0.2729i	--	2.1248+0.3919i	-0.0836-0.1571i	1.3426+0.0119i	1.8714+0.1237i	-0.0111-0.0924i
46.9	2.0721+0.5068i	0.0370+0.2976i	--	2.0952+0.3751i	-0.0660-0.1439i	1.4379-0.1679i	1.8159+0.1087i	-0.0152-0.0685i
47.0	2.0513+0.4876i	0.0618+0.2844i	--	2.0721+0.3754i	-0.0535-0.1409i	1.4132-0.2530i	1.7907+0.0899i	-0.0014-0.0944i
47.1	2.0361+0.4638i	0.0858+0.2990i	--	2.0647+0.3613i	-0.0781-0.1460i	1.3234-0.3009i	1.7618+0.0708i	-0.0427-0.1096i
47.2	2.0072+0.4251i	0.1599+0.3057i	--	2.0560+0.3220i	-0.0979-0.1252i	1.1893-0.3261i	1.7550+0.0443i	-0.0447-0.0630i
47.3	1.9727+0.3959i	0.2384+0.2670i	--	2.0432+0.2791i	-0.0896-0.0888i	1.0675-0.2604i	1.7400-0.0117i	-0.0221-0.0548i
47.4	1.9187+0.3813i	0.2646+0.2171i	--	1.9790+0.2369i	-0.0630-0.0639i	1.1010-0.1436i	1.6500-0.0694i	-0.0263-0.0644i
47.5	1.8890+0.3697i	0.2505+0.1661i	--	1.9298+0.2119i	-0.0226-0.0439i	1.2189-0.0777i	1.5704-0.1077i	-0.0329-0.0715i
47.6	1.8673+0.3555i	0.2393+0.1344i	--	1.8954+0.2024i	0.0037-0.0755i	1.2983-0.1743i	1.5343-0.1113i	-0.0223-0.0790i
47.7	1.8164+0.3539i	0.2496+0.1191i	--	1.8538+0.2035i	-0.0085-0.0891i	1.1062-0.1869i	1.4812-0.1052i	-0.0411-0.0862i
47.8	1.8147+0.3526i	0.2638+0.1167i	--	1.8390+0.1624i	-0.0115-0.0966i	1.1894+0.0474i	1.4563-0.1076i	-0.0417-0.0585i
47.9	1.8155+0.3325i	0.2873+0.0794i	--	1.8083+0.1271i	0.0024-0.0909i	1.5267+0.0294i	1.4249-0.1254i	-0.0357-0.0472i
48.0	1.7995+0.3316i	0.2669+0.0286i	--	1.7714+0.1436i	0.0086-0.0915i	1.5324-0.1960i	1.3887-0.1260i	-0.0278-0.0534i
48.1	1.8001+0.3218i	0.2557-0.0124i	--	1.7661+0.1342i	-0.0039-0.0972i	1.3495-0.3037i	1.3824-0.1454i	-0.0131-0.0618i
48.2	1.7823+0.3013i	0.2256-0.0344i	--	1.7385+0.1180i	0.0057-0.0915i	1.2617-0.2083i	1.3444-0.1783i	-0.0148-0.0873i
48.3	1.7632+0.2628i	0.2008-0.0240i	--	1.7132+0.0834i	-0.0068-0.1051i	1.2875-0.1514i	1.3006-0.2151i	-0.0499-0.1141i
48.4	1.7446+0.2781i	0.1931-0.0413i	--	1.6819+0.0934i	0.0025-0.0973i	1.3286-0.0446i	1.2453-0.1872i	-0.0647-0.0859i
48.5	1.7362+0.2736i	0.1926-0.0395i	--	1.6619+0.0903i	-0.0123-0.1116i	1.4347-0.0922i	1.2354-0.1721i	-0.0677-0.0760i
48.6	1.7502+0.2416i	0.1909-0.0495i	--	1.6554+0.0711i	-0.0264-0.0998i	1.4314-0.2509i	1.2290-0.1881i	-0.0691-0.0618i
48.7	1.6901+0.2067i	0.1800-0.0555i	--	1.6124+0.0573i	-0.0160-0.0957i	1.2897-0.2205i	1.1588-0.1809i	-0.0864-0.0494i
48.8	1.6493+0.2456i	0.1860-0.0407i	--	1.5892+0.0710i	-0.0211-0.1036i	1.3609+0.0036i	1.1414-0.1145i	-0.0828+0.0059i
48.9	1.6702+0.2731i	0.2150-0.0669i	--	1.5805+0.0841i	-0.0085-0.0941i	1.5849-0.1057i	1.1747-0.1006i	-0.0239+0.0226i
49.0	1.6939+0.2532i	0.1999-0.1156i	--	1.5835+0.0797i	-0.0003-0.1063i	1.5633-0.3500i	1.1907-0.1323i	0.0148-0.0203i
49.1	1.7021+0.2256i	0.1664-0.1450i	--	1.5865+0.0661i	-0.0286-0.1149i	1.4157-0.4197i	1.1796-0.1756i	-0.0035-0.0709i
49.2	1.6714+0.2105i	0.1495-0.1415i	--	1.5533+0.0598i	-0.0314-0.0989i	1.3325-0.4055i	1.1326-0.1893i	-0.0212-0.0751i
49.3	1.6822+0.2192i	0.1202-0.1389i	--	1.5592+0.0643i	-0.0382-0.1019i	1.3542-0.3242i	1.1274-0.1808i	-0.0414-0.0713i
49.4	1.6828+0.2030i	0.1282-0.1256i	--	1.5470+0.0521i	-0.0442-0.0958i	1.3955-0.3595i	1.1100-0.1732i	-0.0465-0.0446i
49.5	1.6765+0.1977i	0.1442-0.1504i	--	1.5513+0.0474i	-0.0438-0.0826i	1.2934-0.3620i	1.1272-0.1804i	-0.0215-0.0407i
49.6	1.6809+0.2030i	0.0992-0.1871i	--	1.5488+0.0427i	-0.0501-0.0868i	1.2185-0.2561i	1.1241-0.2043i	-0.0179-0.0710i
49.7	1.6852+0.1746i	0.0475-0.1497i	--	1.5283+0.0306i	-0.0551-0.0821i	1.3517-0.2228i	1.0832-0.2136i	-0.0487-0.0601i

49.8	1.6696+0.1466i	0.0406-0.1032i	--	1.5074+0.0270i	-0.0469-0.0661i	1.4227-0.2917i	1.0459-0.1990i	-0.0634-0.0348i
49.9	1.6362+0.1474i	0.0663-0.0943i	--	1.4866+0.0262i	-0.0344-0.0635i	1.4209-0.3539i	1.0297-0.1885i	-0.0514-0.0204i
50.0	1.6596+0.1545i	0.0668-0.0974i	--	1.5043+0.0289i	-0.0383-0.0612i	1.4191-0.4264i	1.0410-0.2013i	-0.0392-0.0287i
50.1	1.6895+0.1335i	0.0680-0.0867i	--	1.5362+0.0206i	-0.0522-0.0501i	1.3493-0.4571i	1.0568-0.2196i	-0.0436-0.0279i
50.2	1.6630+0.1154i	0.0916-0.0890i	--	1.5296-0.0107i	-0.0501-0.0308i	1.1815-0.4016i	1.0471-0.2419i	-0.0405-0.0042i
50.3	1.6367+0.1186i	0.0933-0.1104i	--	1.5047-0.0282i	-0.0229-0.0206i	1.1442-0.2790i	1.0219-0.2460i	-0.0200+0.0080i
50.4	1.6600+0.1199i	0.0643-0.1241i	--	1.4838-0.0388i	0.0100-0.0215i	1.3602-0.1455i	0.9855-0.2716i	0.0009-0.0259i
50.5	1.6915+0.1052i	0.0417-0.1211i	--	1.4926-0.0501i	0.0056-0.0295i	1.4375-0.1786i	0.9839-0.2928i	-0.0098-0.0467i
50.6	1.7193+0.0814i	0.0481-0.1041i	--	1.5206-0.0606i	0.0018-0.0323i	1.4377-0.2759i	0.9949-0.2928i	-0.0125-0.0407i
50.7	1.7230+0.0434i	0.0606-0.1036i	--	1.5245-0.0984i	-0.0014-0.0276i	1.3759-0.2788i	0.9852-0.3284i	-0.0069-0.0458i
50.8	1.7031+0.0289i	0.0709-0.1056i	--	1.4917-0.1249i	-0.0048-0.0123i	1.3485-0.1746i	0.9631-0.3598i	-0.0013-0.0518i
50.9	1.6838+0.0009i	0.0869-0.1197i	--	1.4564-0.1245i	0.0219-0.0106i	1.3679-0.2437i	0.9033-0.3589i	-0.0186-0.0562i
51.0	1.6943-0.0209i	0.0533-0.1118i	--	1.4563-0.1446i	0.0327-0.0271i	1.3775-0.2237i	0.8767-0.3578i	-0.0281-0.0498i
51.1	1.7042-0.0409i	0.0485-0.0988i	--	1.4589-0.1620i	0.0341-0.0306i	1.3901-0.1809i	0.8683-0.3629i	-0.0242-0.0449i
51.2	1.6898-0.0658i	0.0820-0.0973i	--	1.4453-0.1981i	0.0385-0.0373i	1.4637-0.1411i	0.8404-0.3891i	-0.0283-0.0436i
51.3	1.6848-0.0678i	0.0968-0.1076i	--	1.4272-0.1993i	0.0317-0.0400i	1.4985-0.1691i	0.8122-0.3832i	-0.0294-0.0361i
51.4	1.7045-0.0828i	0.0786-0.0829i	--	1.4092-0.2046i	0.0466-0.0334i	1.5946-0.1461i	0.7636-0.3812i	-0.0260-0.0345i
51.5	1.7240-0.0986i	0.0821-0.0752i	--	1.4041-0.2112i	0.0493-0.0377i	1.6209-0.1559i	0.7445-0.3718i	-0.0226-0.0321i
51.6	1.7350-0.1021i	0.0987-0.0692i	--	1.4069-0.2005i	0.0515-0.0489i	1.6598-0.1731i	0.7414-0.3405i	-0.0156-0.0273i
51.7	1.7515-0.1146i	0.1157-0.0793i	--	1.4191-0.1971i	0.0493-0.0540i	1.6588-0.1603i	0.7469-0.3275i	-0.0040-0.0295i
51.8	1.7423-0.1355i	0.1332-0.0821i	--	1.4135-0.2059i	0.0480-0.0570i	1.6278-0.1454i	0.7383-0.3238i	-0.0003-0.0276i
51.9	1.7823-0.1277i	0.1564-0.0831i	--	1.4204-0.2122i	0.0535-0.0428i	1.8045-0.0820i	0.7418-0.3190i	0.0186-0.0372i
52.0	1.8083-0.1520i	0.2087-0.1053i	--	1.4343-0.1864i	0.0674-0.0513i	1.8773-0.3290i	0.7224-0.2930i	-0.0003-0.0591i
52.1	1.8112-0.1838i	0.2180-0.1632i	--	1.4487-0.2082i	0.0652-0.0615i	1.7275-0.3566i	0.7149-0.2851i	-0.0107-0.0473i
52.2	1.8314-0.2214i	0.1926-0.1838i	--	1.4602-0.2394i	0.0582-0.0623i	1.7505-0.1807i	0.7292-0.2960i	0.0038-0.0524i
52.3	1.8407-0.2470i	0.2311-0.1677i	--	1.4766-0.2373i	0.0697-0.0714i	1.8897-0.2358i	0.7360-0.2813i	0.0074-0.0659i
52.4	1.8667-0.2515i	0.2518-0.1962i	--	1.4902-0.2381i	0.0530-0.0672i	1.9507-0.2489i	0.7429-0.2714i	-0.0080-0.0527i
52.5	1.8996-0.3232i	0.2832-0.2360i	--	1.4964-0.2764i	0.0781-0.0520i	1.9895-0.3730i	0.7317-0.2832i	0.0047-0.0285i
52.6	1.9079-0.3821i	0.2846-0.3147i	--	1.5212-0.3187i	0.0966-0.0712i	1.9151-0.3934i	0.7396-0.3010i	0.0173-0.0480i
52.7	1.9426-0.4060i	0.2692-0.3848i	--	1.5693-0.3600i	0.0905-0.0777i	1.9759-0.2472i	0.7705-0.3225i	0.0169-0.0711i
52.8	1.9918-0.4234i	0.2491-0.4365i	--	1.5905-0.3923i	0.0915-0.0729i	2.1817-0.2203i	0.7796-0.3453i	0.0053-0.0886i
52.9	2.0318-0.4873i	0.1966-0.4538i	--	1.5789-0.4080i	0.1090-0.0848i	2.3724-0.4119i	0.7435-0.3396i	-0.0128-0.0804i
53.0	2.0526-0.5711i	0.1751-0.4707i	--	1.5957-0.4414i	0.1142-0.1107i	2.3762-0.6192i	0.7429-0.3269i	-0.0112-0.0674i
53.1	2.0799-0.6885i	0.1511-0.4674i	--	1.6468-0.5074i	0.1117-0.1433i	2.3623-0.7732i	0.7660-0.3358i	-0.0124-0.0564i
53.2	2.0876-0.7727i	0.1446-0.5414i	--	1.6703-0.5760i	0.0969-0.1609i	2.2722-0.8284i	0.7811-0.3498i	-0.0155-0.0417i
53.3	2.0932-0.8481i	0.1138-0.6062i	--	1.6639-0.6372i	0.0946-0.1705i	2.2848-0.8015i	0.7728-0.3607i	0.0007-0.0258i
53.4	2.0754-0.9484i	0.0612-0.6301i	--	1.6607-0.7076i	0.0796-0.1989i	2.3568-0.8930i	0.7812-0.3681i	0.0333-0.0351i
53.5	2.0364-1.0345i	0.0093-0.6477i	--	1.6286-0.7788i	0.0509-0.2116i	2.4547-1.0653i	0.7835-0.3859i	0.0411-0.0586i
53.6	2.0431-1.1419i	-0.0594-0.7047i	--	1.6410-0.8361i	0.0282-0.2134i	2.3382-1.2830i	0.8107-0.4089i	0.0323-0.0706i
53.7	2.0363-1.2396i	-0.1810-0.7426i	--	1.6613-0.9236i	0.0127-0.2013i	2.2428-1.2186i	0.8363-0.4609i	0.0298-0.0761i
53.8	2.0258-1.3513i	-0.2256-0.7121i	--	1.6585-1.0188i	0.0055-0.2078i	2.2849-1.3234i	0.8458-0.5052i	0.0410-0.0789i
53.9	1.9697-1.4442i	-0.2461-0.7438i	--	1.6188-1.0947i	-0.0198-0.1995i	2.2550-1.3081i	0.8321-0.5473i	0.0670-0.1004i
54.0	1.8821-1.5428i	-0.4114-0.7609i	--	1.5306-1.1796i	-0.0314-0.1633i	2.3250-1.2518i	0.7821-0.5847i	0.0505-0.1496i
54.1	1.8333-1.7040i	-0.5802-0.6615i	--	1.4816-1.2880i	-0.0177-0.1565i	2.5987-1.4720i	0.7491-0.6198i	0.0183-0.1526i
54.2	1.7875-1.8467i	-0.6106-0.6086i	--	1.4410-1.3629i	-0.0260-0.1632i	2.5666-1.8527i	0.7538-0.6421i	0.0111-0.1553i
54.3	1.5914-1.9704i	-0.6933-0.5365i	--	1.3362-1.4380i	-0.0422-0.1574i	2.3121-1.9237i	0.7148-0.6729i	-0.0058-0.1631i
54.4	1.4279-2.0054i	-0.7342-0.4140i	--	1.2267-1.4829i	-0.0405-0.1430i	2.2701-1.9525i	0.6653-0.6859i	-0.0174-0.1589i
54.5	1.2805-2.0370i	-0.7568-0.2800i	--	1.1203-1.5175i	-0.0351-0.1305i	2.2636-2.0376i	0.6314-0.7009i	-0.0316-0.1598i
54.6	1.1299-2.0502i	-0.7549-0.1546i	--	1.0098-1.5331i	-0.0320-0.1203i	2.2518-2.1638i	0.5930-0.7030i	-0.0457-0.1549i
54.7	1.0142-2.1169i	-0.7203-0.1158i	--	0.9264-1.5675i	-0.0359-0.1196i	2.0590-2.4057i	0.5745-0.7184i	-0.0534-0.1708i
54.8	0.8846-2.1488i	-0.7323-0.0511i	--	0.8652-1.5705i	-0.0240-0.1277i	1.9223-2.4642i	0.5669-0.7211i	-0.0777-0.1632i
54.9	0.7560-2.0908i	-0.7056+0.0694i	--	0.7956-1.5477i	-0.0107-0.1282i	1.9594-2.4248i	0.5459-0.7197i	-0.0904-0.1361i
55.0	0.5762-2.0562i	-0.6180+0.1557i	--	0.6636-1.5564i	-0.0033-0.1396i	1.7925-2.5823i	0.5133-0.7413i	-0.0982-0.1273i
55.1	0.4756-2.0343i	-0.5378+0.1953i	--	0.5809-1.5545i	-0.0012-0.1568i	1.5930-2.7532i	0.5045-0.7579i	-0.0974-0.1198i
55.2	0.3821-1.9758i	-0.4578+0.2172i	--	0.5188-1.5312i	-0.0086-0.1740i	1.4407-2.8222i	0.4954-0.7766i	-0.0907-0.1023i
55.3	0.2930-1.8649i	-0.3858+0.2032i	--	0.4515-1.4696i	-0.0195-0.1707i	1.3017-2.7702i	0.4622-0.7768i	-0.0859-0.0930i
55.4	0.2409-1.8514i	-0.3333+0.2018i	--	0.4024-1.4724i	-0.0367-0.1773i	1.1773-2.8202i	0.4477-0.8072i	-0.0832-0.0978i
55.5	0.1261-1.8279i	-0.3014+0.1824i	--	0.3182-1.4705i	-0.0458-0.1882i	0.9024-2.8873i	0.4267-0.8493i	-0.0793-0.0992i
55.6	0.0270-1.7813i	-0.2905+0.2068i	--	0.2452-1.4575i	-0.0580-0.1917i	0.7622-2.8216i	0.3719-0.8821i	-0.0897-0.0958i
55.7	-0.0062-1.7033i	-0.2525+0.2054i	--	0.2076-1.4244i	-0.0717-0.1856i	0.7242-2.7369i	0.3279-0.8949i	-0.0850-0.0896i
55.8	-0.0444-1.6379i	-0.2082+0.1559i	--	0.1606-1.3842i	-0.0826-0.1824i	0.5508-2.6868i	0.2890-0.9031i	-0.0744-0.1019i
55.9	-0.0835-1.5874i	-0.1862+0.1338i	--	0.1175-1.3523i	-0.0928-0.1723i	0.4703-2.6201i	0.2446-0.9009i	-0.0802-0.1099i
56.0	-0.1446-1.5340i	-0.1759+0.0952i	--	0.0472-1.3114i	-0.1030-0.1636i	0.3280-2.5623i	0.1819-0.8954i	-0.0876-0.1144i

56.1	-0.2266-1.4535i	-0.1979+0.1200i	--	-0.0244-1.2523i	-0.1136-0.1600i	0.1666-2.4865i	0.1116-0.8817i	-0.0965-0.0984i
56.2	-0.2862-1.3772i	-0.1406+0.1157i	--	-0.0893-1.1988i	-0.1265-0.1495i	0.0724-2.4191i	0.0495-0.8500i	-0.0854-0.0858i
56.3	-0.2734-1.3171i	-0.1113+0.0863i	--	-0.1079-1.1467i	-0.1345-0.1319i	0.0805-2.3254i	0.0040-0.8210i	-0.0883-0.0929i
56.4	-0.2761-1.2281i	-0.0975+0.0705i	--	-0.1189-1.0936i	-0.1405-0.1206i	0.0651-2.1990i	-0.0227-0.7932i	-0.0905-0.0873i
56.5	-0.3014-1.1804i	-0.1029+0.0419i	--	-0.1446-1.0503i	-0.1407-0.0999i	0.0197-2.1005i	-0.0534-0.7609i	-0.0903-0.0923i
56.6	-0.3191-1.1116i	-0.1423+0.0171i	--	-0.1739-0.9980i	-0.1226-0.0872i	-0.0231-2.0020i	-0.0870-0.7243i	-0.1027-0.0910i
56.7	-0.3096-1.0467i	-0.1594+0.0088i	--	-0.1778-0.9335i	-0.1183-0.0939i	-0.0341-1.9295i	-0.0973-0.6878i	-0.1082-0.0908i
56.8	-0.3296-1.0099i	-0.1336+0.0019i	--	-0.1968-0.8972i	-0.1217-0.0902i	-0.0616-1.9527i	-0.1075-0.6630i	-0.1089-0.0921i
56.9	-0.3349-0.9597i	-0.1327+0.0130i	--	-0.2118-0.8568i	-0.1208-0.0848i	-0.0773-1.8880i	-0.1239-0.6399i	-0.1093-0.0859i
57.0	-0.3188-0.9350i	-0.1641-0.0108i	--	-0.2253-0.8309i	-0.1147-0.0811i	-0.0933-1.8627i	-0.1342-0.6218i	-0.1041-0.0932i
57.1	-0.3205-0.9026i	-0.2008+0.0009i	--	-0.2275-0.7818i	-0.1207-0.0780i	-0.1401-1.8188i	-0.1470-0.5972i	-0.1132-0.0929i
57.2	-0.2914-0.8534i	-0.1897+0.0142i	--	-0.1967-0.7390i	-0.1264-0.0764i	-0.1526-1.7535i	-0.1511-0.5672i	-0.1084-0.0839i
57.3	-0.2862-0.8377i	-0.1696+0.0144i	--	-0.1935-0.7191i	-0.1280-0.0708i	-0.1264-1.7260i	-0.1578-0.5395i	-0.1105-0.0870i
57.4	-0.2929-0.8023i	-0.1750+0.0315i	--	-0.2111-0.6797i	-0.1174-0.0645i	-0.1428-1.6973i	-0.1736-0.5170i	-0.1132-0.0861i
57.5	-0.2803-0.7584i	-0.2070+0.0119i	--	-0.2017-0.6445i	-0.1143-0.0520i	-0.1884-1.6097i	-0.1702-0.4980i	-0.1245-0.0866i
57.6	-0.2650-0.7433i	-0.1798+0.0145i	--	-0.1847-0.6186i	-0.1171-0.0566i	-0.1650-1.5424i	-0.1714-0.4774i	-0.1185-0.0950i
57.7	-0.2817-0.7437i	-0.2235+0.0297i	--	-0.2060-0.6169i	-0.1056-0.0530i	-0.2001-1.5431i	-0.1899-0.4766i	-0.1328-0.0883i
57.8	-0.2690-0.7061i	-0.2059+0.0540i	--	-0.1946-0.5830i	-0.1116-0.0614i	-0.2010-1.4879i	-0.2049-0.4587i	-0.1369-0.0776i
57.9	-0.2540-0.7305i	-0.2184+0.0418i	--	-0.1866-0.5941i	-0.1111-0.0647i	-0.1099-1.5040i	-0.2103-0.4550i	-0.1454-0.0905i
58.0	-0.2596-0.7202i	-0.2273+0.0250i	--	-0.1827-0.5746i	-0.1074-0.0587i	-0.1117-1.5486i	-0.2114-0.4284i	-0.1593-0.0907i
58.1	-0.2835-0.6893i	-0.2205+0.0095i	--	-0.1861-0.5427i	-0.1168-0.0634i	-0.1985-1.5479i	-0.2109-0.4082i	-0.1635-0.0878i
58.2	-0.2836-0.6587i	-0.2244+0.0255i	--	-0.1771-0.5084i	-0.1319-0.0660i	-0.2325-1.4854i	-0.2143-0.3752i	-0.1691-0.0846i
58.3	-0.2702-0.6546i	-0.2494+0.0457i	--	-0.1803-0.5100i	-0.1182-0.0489i	-0.2433-1.4742i	-0.2189-0.3666i	-0.1678-0.0766i
58.4	-0.2887-0.6515i	-0.2646+0.0471i	--	-0.1767-0.4916i	-0.1277-0.0740i	-0.3027-1.4589i	-0.2231-0.3605i	-0.1815-0.0813i
58.5	-0.3024-0.6377i	-0.3025+0.0414i	--	-0.1729-0.4785i	-0.1367-0.0571i	-0.3206-1.4241i	-0.2187-0.3406i	-0.2037-0.0852i
58.6	-0.3161-0.6281i	-0.3066+0.0004i	--	-0.1532-0.4714i	-0.1488-0.0477i	-0.3016-1.3957i	-0.2078-0.3368i	-0.2390-0.0845i
58.7	-0.3056-0.5947i	-0.2729+0.0159i	--	-0.1427-0.4424i	-0.1580-0.0403i	-0.3120-1.3300i	-0.2031-0.3139i	-0.2301-0.0788i
58.8	-0.3116-0.5824i	-0.2748+0.0920i	--	-0.1408-0.4353i	-0.1651-0.0434i	-0.3556-1.3279i	-0.2022-0.2991i	-0.2214-0.0590i
58.9	-0.3061-0.5403i	-0.3004+0.1574i	--	-0.1352-0.4275i	-0.1544-0.0181i	-0.3463-1.2346i	-0.2012-0.2855i	-0.2360-0.0201i
59.0	-0.3269-0.5343i	-0.2889+0.1954i	--	-0.1397-0.4236i	-0.1511-0.0083i	-0.3451-1.2374i	-0.2027-0.2751i	-0.2448-0.0079i
59.1	-0.3208-0.5215i	-0.2776+0.1942i	--	-0.1416-0.4124i	-0.1537+0.0047i	-0.3520-1.2405i	-0.2145-0.2625i	-0.2385-0.0062i
59.2	-0.3046-0.4908i	-0.2563+0.2056i	--	-0.1305-0.3975i	-0.1653+0.0151i	-0.3716-1.2042i	-0.2144-0.2400i	-0.2382+0.0101i
59.3	-0.3096-0.4701i	-0.2433+0.2266i	--	-0.1172-0.3797i	-0.1663+0.0117i	-0.3815-1.1884i	-0.2073-0.2214i	-0.2519+0.0221i
59.4	-0.3056-0.4371i	-0.2262+0.2515i	--	-0.1162-0.3627i	-0.1537+0.0052i	-0.3572-1.1494i	-0.1977-0.2196i	-0.2504+0.0378i
59.5	-0.3401-0.3947i	-0.2111+0.2677i	--	-0.1216-0.3517i	-0.1622+0.0316i	-0.4221-1.1036i	-0.1909-0.2005i	-0.2657+0.0653i
59.6	-0.3379-0.4087i	-0.1771+0.3033i	--	-0.1139-0.3630i	-0.1662+0.0365i	-0.4404-1.0693i	-0.1888-0.1914i	-0.2642+0.0825i
59.7	-0.3189-0.3988i	-0.1567+0.2891i	--	-0.1066-0.3676i	-0.1639+0.0437i	-0.4152-1.0390i	-0.1917-0.2045i	-0.2622+0.0862i
59.8	-0.3068-0.3836i	-0.1593+0.2883i	--	-0.0936-0.3602i	-0.1604+0.0614i	-0.4189-1.0333i	-0.1789-0.1874i	-0.2561+0.0993i
59.9	-0.2859-0.3713i	-0.1220+0.2942i	--	-0.0889-0.3402i	-0.1465+0.0572i	-0.3808-1.0243i	-0.1777-0.1653i	-0.2525+0.0815i
60.0	-0.3066-0.3372i	-0.1057+0.2877i	--	-0.0856-0.3157i	-0.1534+0.0583i	-0.4107-1.0212i	-0.1796-0.1479i	-0.2834+0.0451i
60.1	-0.3351-0.3237i	-0.0844+0.2794i	--	-0.0928-0.3044i	-0.1643+0.0759i	-0.4369-1.0216i	-0.1780-0.1348i	-0.2717+0.1164i
60.2	-0.3405-0.3330i	-0.0435+0.2983i	--	-0.1033-0.3123i	-0.1477+0.0941i	-0.4644-0.9613i	-0.1666-0.1231i	-0.2492+0.1349i
60.3	-0.3330-0.3079i	-0.0283+0.3295i	--	-0.1157-0.3189i	-0.1335+0.0891i	-0.4507-0.9093i	-0.1770-0.1425i	-0.2371+0.1637i
60.4	-0.3274-0.2948i	0.0199+0.3471i	--	-0.1071-0.3118i	-0.1193+0.0911i	-0.4343-0.9115i	-0.1651-0.1333i	-0.2132+0.1736i
60.5	-0.3245-0.2590i	0.0411+0.3374i	--	-0.0949-0.2944i	-0.1082+0.1030i	-0.4502-0.9100i	-0.1510-0.1140i	-0.1984+0.2000i
60.6	-0.3291-0.2359i	0.1073+0.3268i	--	-0.0981-0.2867i	-0.1039+0.0971i	-0.4646-0.8726i	-0.1476-0.1053i	-0.1834+0.2211i
60.7	-0.3344-0.2420i	0.1915+0.3218i	--	-0.1008-0.3087i	-0.1042+0.1141i	-0.4520-0.8435i	-0.1479-0.1134i	-0.1709+0.2371i
60.8	-0.3339-0.2368i	0.2662+0.2526i	--	-0.1121-0.2994i	-0.0894+0.1039i	-0.4081-0.8467i	-0.1450-0.0973i	-0.1382+0.2106i
60.9	-0.2941-0.1901i	0.2924+0.1614i	--	-0.0972-0.2767i	-0.0955+0.1010i	-0.4128-0.8607i	-0.1370-0.0927i	-0.1083+0.1993i
61.0	-0.2401-0.1646i	0.2450+0.0954i	--	-0.0830-0.2706i	-0.0894+0.0938i	-0.3955-0.8401i	-0.1406-0.1031i	-0.0940+0.1936i
61.1	-0.2113-0.1841i	0.2051+0.0660i	--	-0.0804-0.2788i	-0.0821+0.0866i	-0.3852-0.8112i	-0.1378-0.1053i	-0.0861+0.1752i
61.2	-0.1626-0.1711i	0.1436+0.0329i	--	-0.0656-0.2724i	-0.0612+0.0909i	-0.4111-0.7998i	-0.1304-0.0907i	-0.0611+0.1752i
61.3	-0.1723-0.1600i	0.1326+0.0113i	--	-0.0691-0.2526i	-0.0681+0.0963i	-0.4400-0.8039i	-0.1272-0.0771i	-0.0692+0.1669i
61.4	-0.1718-0.1656i	0.1130+0.0147i	--	-0.0812-0.2522i	-0.0542+0.1077i	-0.4490-0.7482i	-0.1290-0.0745i	-0.0593+0.1693i
61.5	-0.1445-0.1716i	0.1000+0.0370i	--	-0.0846-0.2538i	-0.0375+0.1225i	-0.4562-0.6994i	-0.1314-0.0646i	-0.0364+0.1731i
61.6	-0.1639-0.1812i	0.1161+0.0272i	--	-0.0766-0.2556i	-0.0725+0.1172i	-0.4458-0.7205i	-0.1329-0.0567i	-0.0758+0.1776i
61.7	-0.1646-0.1892i	0.1145+0.0329i	--	-0.0769-0.2610i	-0.0688+0.1053i	-0.4341-0.6775i	-0.1249-0.0647i	-0.0799+0.1738i
61.8	-0.1586-0.1843i	0.0996+0.0366i	--	-0.0742-0.2675i	-0.0628+0.1233i	-0.4636-0.6555i	-0.1237-0.0703i	-0.0725+0.1995i
61.9	-0.1665-0.2148i	0.0893+0.0525i	--	-0.0698-0.2698i	-0.0498+0.0915i	-0.4427-0.6159i	-0.1042-0.0695i	-0.0839+0.1635i
62.0	-0.1485-0.1584i	0.0689+0.0218i	--	-0.0614-0.2606i	-0.0274+0.1300i	-0.4538-0.5916i	-0.0936-0.0637i	-0.0496+0.2244i
62.1	-0.1674-0.1467i	0.0657-0.0248i	--	-0.0704-0.2463i	-0.0164+0.1503i	-0.4554-0.5980i	-0.1002-0.0410i	-0.0600+0.2377i
62.2	-0.1658-0.1728i	0.0835-0.0148i	--	-0.0593-0.2280i	-0.0245+0.1056i	-0.4343-0.6117i	-0.0974-0.0422i	-0.0737+0.1732i
62.3	-0.1600-0.1681i	0.0755-0.0142i	--	-0.0715-0.2433i	-0.0109+0.1262i	-0.4661-0.6070i	-0.0972-0.0396i	-0.0328+0.2010i

62.4	-0.1304-0.1420i	0.0480+0.0109i	--	-0.0767-0.2372i	0.0165+0.1174i	-0.4762-0.5135i	-0.0944-0.0388i	0.0077+0.2049i
62.5	-0.1148-0.1408i	0.0675+0.0074i	--	-0.0711-0.2182i	0.0159+0.0958i	-0.4508-0.5035i	-0.0924-0.0503i	0.0048+0.1809i
62.6	-0.1464-0.1703i	0.0738-0.0370i	--	-0.0763-0.2310i	0.0164+0.1289i	-0.4587-0.5163i	-0.0782-0.0325i	-0.0051+0.1979i
62.7	-0.1563-0.1677i	0.0654-0.0415i	--	-0.0892-0.2398i	0.0126+0.1284i	-0.4271-0.4831i	-0.0849-0.0262i	0.0021+0.2289i
62.8	-0.1355-0.1850i	0.0694-0.0112i	--	-0.0811-0.2403i	0.0271+0.1050i	-0.3839-0.4519i	-0.0753-0.0292i	0.0126+0.1912i
62.9	-0.1471-0.1452i	0.0324-0.0635i	--	-0.0824-0.2410i	0.0548+0.1398i	-0.3891-0.4417i	-0.0675-0.0373i	0.0344+0.2334i
63.0	-0.1448-0.1433i	0.0289-0.0651i	--	-0.0830-0.2337i	0.0552+0.1340i	-0.3729-0.4381i	-0.0665-0.0312i	0.0497+0.2304i
63.1	-0.1463-0.1568i	0.0391-0.0690i	--	-0.0818-0.2266i	0.0556+0.1130i	-0.3430-0.3981i	-0.0564-0.0143i	0.0446+0.2142i
63.2	-0.1178-0.1644i	0.0304-0.0475i	--	-0.0691-0.2272i	0.0684+0.1064i	-0.3673-0.3748i	-0.0476-0.0273i	0.0697+0.1887i
63.3	-0.1196-0.1586i	0.0272-0.0640i	--	-0.0711-0.2178i	0.0717+0.1158i	-0.3831-0.3519i	-0.0489-0.0044i	0.0684+0.1916i
63.4	-0.1306-0.1220i	-0.0062-0.0864i	--	-0.0736-0.2099i	0.1001+0.1058i	-0.3761-0.3116i	-0.0419-0.0187i	0.0916+0.2013i
63.5	-0.1599-0.1129i	-0.0559-0.1079i	--	-0.0982-0.2206i	0.1215+0.1194i	-0.4040-0.3447i	-0.0501-0.0202i	0.1202+0.2258i
63.6	-0.1463-0.1672i	0.0025-0.0991i	--	-0.0934-0.2270i	0.0874+0.1028i	-0.3214-0.3452i	-0.0539-0.0063i	0.0962+0.1792i
63.7	-0.1134-0.1419i	-0.0069-0.0495i	--	-0.0776-0.2144i	0.0878+0.0663i	-0.3288-0.2878i	-0.0451-0.0196i	0.1048+0.1515i
63.8	-0.1354-0.1270i	-0.0133-0.0758i	--	-0.0849-0.2160i	0.1041+0.0758i	-0.3265-0.2831i	-0.0503-0.0272i	0.1179+0.1653i
63.9	-0.1703-0.1296i	-0.0026-0.1215i	--	-0.0962-0.2225i	0.1009+0.0960i	-0.2979-0.2995i	-0.0429-0.0203i	0.1070+0.1859i
64.0	-0.1736-0.1857i	0.0276-0.1140i	--	-0.1129-0.2327i	0.0698+0.0914i	-0.2504-0.3260i	-0.0454+0.0031i	0.0949+0.1654i
64.1	-0.1366-0.1662i	-0.0083-0.0959i	--	-0.0881-0.2382i	0.0908+0.0672i	-0.2582-0.2453i	-0.0446-0.0203i	0.1029+0.1600i
64.2	-0.1217-0.1485i	-0.0318-0.0532i	--	-0.0847-0.2130i	0.0894+0.0328i	-0.2480-0.2445i	-0.0355-0.0067i	0.1225+0.1104i
64.3	-0.1431-0.1497i	-0.0070-0.0580i	--	-0.0944-0.2097i	0.0788+0.0478i	-0.2740-0.2280i	-0.0360-0.0097i	0.1263+0.1140i
64.4	-0.1523-0.1372i	0.0126-0.0696i	--	-0.0990-0.2109i	0.0773+0.0507i	-0.2969-0.1837i	-0.0495-0.0082i	0.1132+0.1062i
64.5	-0.1507-0.1262i	-0.0351-0.0775i	--	-0.1082-0.2043i	0.1114+0.0379i	-0.2669-0.2125i	-0.0258-0.0099i	0.1427+0.0987i
64.6	-0.1442-0.1605i	0.0264-0.0625i	--	-0.1011-0.2136i	0.0596+0.0177i	-0.2074-0.2439i	-0.0308-0.0290i	0.0752+0.0938i
64.7	-0.1307-0.1467i	-0.0032-0.0388i	--	-0.0921-0.2014i	0.0686+0.0043i	-0.2312-0.1991i	-0.0290-0.0239i	0.0816+0.0685i
64.8	-0.1284-0.1077i	-0.0552-0.0438i	--	-0.0945-0.1936i	0.1013-0.0058i	-0.2256-0.1866i	-0.0223-0.0415i	0.1132+0.0671i
64.9	-0.1277-0.1176i	-0.0533-0.0630i	--	-0.0969-0.1993i	0.1040+0.0071i	-0.1907-0.1404i	-0.0241-0.0253i	0.1146+0.0722i
65.0	-0.1416-0.1352i	-0.0019-0.0988i	--	-0.1121-0.2013i	0.0573+0.0285i	-0.1856-0.1628i	-0.0248-0.0003i	0.0931+0.0961i
65.1	-0.1796-0.1030i	-0.0160-0.1195i	--	-0.1302-0.1827i	0.0740+0.0250i	-0.1885-0.1816i	-0.0241-0.0239i	0.0941+0.0840i
65.2	-0.1516-0.1002i	-0.0703-0.0771i	--	-0.1226-0.1787i	0.0942+0.0011i	-0.1752-0.2133i	-0.0221-0.0395i	0.1169+0.0589i
65.3	-0.1457-0.1186i	-0.0440-0.0828i	--	-0.1165-0.1742i	0.0853+0.0114i	-0.1501-0.2039i	-0.0079-0.0276i	0.1059+0.0634i
65.4	-0.1129-0.1054i	-0.0188-0.0113i	--	-0.1036-0.1687i	0.0695-0.0339i	-0.1542-0.1466i	-0.0233-0.0363i	0.0843+0.0166i
65.5	-0.1520-0.0801i	-0.0584-0.0785i	--	-0.1183-0.1572i	0.1013-0.0053i	-0.1684-0.1420i	-0.0263-0.0347i	0.1034+0.0420i
65.6	-0.1646-0.0626i	-0.0714-0.0942i	--	-0.1241-0.1397i	0.1058-0.0044i	-0.1528-0.1781i	-0.0168-0.0212i	0.1130+0.0470i
65.7	-0.1208-0.0511i	-0.0624-0.0397i	--	-0.1113-0.1368i	0.0861-0.0351i	-0.1448-0.1712i	-0.0261-0.0413i	0.0933+0.0211i
65.8	-0.1179-0.1057i	-0.0151-0.0740i	--	-0.1111-0.1656i	0.0598-0.0021i	-0.1082-0.1664i	-0.0527-0.0446i	0.0690+0.0404i
65.9	-0.1000-0.0805i	-0.0357-0.0426i	--	-0.1066-0.1567i	0.0598-0.0338i	-0.0945-0.1381i	-0.0596-0.0531i	0.0785+0.0263i
66.0	-0.1199-0.0731i	-0.0541-0.0578i	--	-0.0984-0.1376i	0.0746-0.0342i	-0.1106-0.1498i	-0.0225-0.0259i	0.0940+0.0237i
66.1	-0.0715-0.0297i	-0.0549+0.0057i	--	-0.0759-0.1153i	0.0453-0.0706i	-0.1408-0.1392i	-0.0210-0.0321i	0.0699-0.0108i
66.2	-0.1204-0.0410i	-0.0726-0.0578i	--	-0.0904-0.1231i	0.0651-0.0432i	-0.1092-0.1500i	-0.0065-0.0390i	0.0914+0.0080i
66.3	-0.1195-0.0867i	-0.0324-0.0693i	--	-0.1016-0.1346i	0.0529-0.0244i	-0.0869-0.1450i	-0.0232-0.0131i	0.0834+0.0201i
66.4	-0.1282-0.0841i	-0.0231-0.0883i	--	-0.0972-0.1255i	0.0575-0.0226i	-0.0732-0.1437i	-0.0238-0.0161i	0.0762+0.0264i
66.5	-0.1047-0.0204i	-0.0627-0.0735i	--	-0.0810-0.1045i	0.0474-0.0446i	-0.1192-0.1663i	-0.0304-0.0513i	0.0704+0.0005i
66.6	-0.0964-0.0393i	-0.0383-0.0722i	--	-0.0830-0.1140i	0.0322-0.0326i	-0.0873-0.1426i	-0.0290-0.0419i	0.0630+0.0024i
66.7	-0.1047-0.0549i	-0.0195-0.0781i	--	-0.0880-0.1219i	0.0257-0.0350i	-0.0730-0.1286i	-0.0307-0.0378i	0.0549+0.0160i
66.8	-0.1176-0.0591i	-0.0127-0.1207i	--	-0.0961-0.1252i	0.0241-0.0355i	-0.0567-0.1354i	-0.0289-0.0373i	0.0559+0.0312i
66.9	-0.0615-0.0291i	-0.0465-0.0909i	--	-0.0764-0.1125i	0.0233-0.0438i	-0.0485-0.1318i	-0.0458-0.0561i	0.0484+0.0234i
67.0	-0.0387-0.0434i	-0.0435-0.0692i	--	-0.0704-0.1086i	0.0102-0.0368i	-0.0603-0.1407i	-0.0484-0.0533i	0.0363+0.0077i
67.1	-0.0696-0.0466i	-0.0466-0.0865i	--	-0.0860-0.0998i	0.0004-0.0267i	-0.0811-0.1576i	-0.0429-0.0394i	0.0411+0.0025i
67.2	-0.0780-0.0743i	-0.0359-0.1263i	--	-0.0771-0.1090i	0.0031-0.0029i	-0.0802-0.1498i	-0.0271-0.0298i	0.0316+0.0264i
67.3	-0.0895-0.0711i	-0.0710-0.1618i	--	-0.0754-0.1116i	0.0208+0.0100i	-0.0740-0.1392i	-0.0148-0.0361i	0.0473+0.0309i
67.4	-0.0521-0.0330i	-0.0892-0.1309i	--	-0.0585-0.1034i	0.0172-0.0195i	-0.0801-0.1128i	-0.0295-0.0412i	0.0460+0.0099i
67.5	-0.0648-0.0467i	-0.0676-0.1321i	--	-0.0709-0.1093i	0.0071-0.0147i	-0.0597-0.1256i	-0.0270-0.0564i	0.0374+0.0091i
67.6	-0.1172-0.0457i	-0.0870-0.1648i	--	-0.0901-0.0978i	0.0168+0.0041i	-0.0619-0.1316i	-0.0225-0.0489i	0.0460+0.0156i
67.7	-0.0857-0.0457i	-0.0885-0.1603i	--	-0.0713-0.0966i	0.0168-0.0012i	-0.0596-0.1081i	-0.0324-0.0328i	0.0462+0.0145i
67.8	-0.0406-0.0510i	-0.0923-0.1482i	--	-0.0515-0.1041i	0.0137+0.0096i	-0.0524-0.0605i	-0.0381-0.0343i	0.0275+0.0169i
67.9	-0.0506-0.0604i	-0.0870-0.1340i	--	-0.0600-0.1115i	0.0133+0.0116i	-0.0694-0.0487i	-0.0495-0.0414i	0.0227+0.0229i
68.0	-0.0408-0.0697i	-0.1154-0.1148i	--	-0.0530-0.1147i	0.0155+0.0047i	-0.0548-0.0600i	-0.0528-0.0390i	0.0253+0.0205i
68.1	-0.0330-0.0679i	-0.1216-0.1415i	--	-0.0389-0.1104i	0.0140+0.0074i	-0.0758-0.0480i	-0.0491-0.0242i	0.0252+0.0323i
68.2	-0.0474-0.0660i	-0.1664-0.1666i	--	-0.0442-0.1097i	0.0278+0.0168i	-0.0832-0.0524i	-0.0654-0.0220i	0.0277+0.0378i
68.3	-0.0315-0.0842i	-0.1691-0.1450i	--	-0.0457-0.1185i	0.0118+0.0118i	-0.0704-0.0415i	-0.0668-0.0236i	0.0284+0.0269i
68.4	-0.0130-0.0940i	-0.1544-0.1265i	--	-0.0264-0.1153i	0.0108+0.0202i	-0.0592-0.0191i	-0.0538-0.0187i	0.0213+0.0231i
68.5	-0.0158-0.0894i	-0.1728-0.1299i	--	-0.0296-0.1165i	0.0213+0.0391i	-0.0556+0.0035i	-0.0540-0.0140i	0.0290+0.0305i
68.6	-0.0473-0.0902i	-0.1960-0.1360i	--	-0.0506-0.1265i	0.0292+0.0301i	-0.0378-0.0077i	-0.0546-0.0135i	0.0338+0.0438i

68.7	-0.0380-0.0991i	-0.1793-0.1358i	--	-0.0514-0.1270i	0.0147+0.0248i	-0.0271+0.0057i	-0.0586-0.0241i	0.0224+0.0470i
68.8	-0.0433-0.1219i	-0.1973-0.1390i	--	-0.0526-0.1295i	0.0214+0.0348i	-0.0147+0.0230i	-0.0599-0.0076i	0.0213+0.0512i
68.9	-0.0523-0.1033i	-0.2132-0.1134i	--	-0.0515-0.1153i	0.0248+0.0417i	-0.0221+0.0253i	-0.0483-0.0089i	0.0212+0.0404i
69.0	-0.0355-0.0934i	-0.2202-0.0825i	--	-0.0377-0.1030i	0.0305+0.0618i	-0.0412+0.0185i	-0.0560-0.0225i	0.0104+0.0355i
69.1	-0.0370-0.1032i	-0.2470-0.0627i	--	-0.0507-0.1226i	0.0249+0.0329i	-0.0148+0.0217i	-0.0591-0.0089i	0.0301+0.0402i
69.2	-0.0578-0.1278i	-0.2970-0.0539i	--	-0.0484-0.1220i	0.0447+0.0572i	0.0254+0.0264i	-0.0371+0.0126i	0.0492+0.0441i
69.3	-0.0413-0.1213i	-0.2631-0.0426i	--	-0.0452-0.1241i	0.0461+0.0339i	0.0206+0.0467i	-0.0396+0.0174i	0.0317+0.0402i
69.4	-0.0439-0.1182i	-0.2414-0.0491i	--	-0.0485-0.1314i	0.0378+0.0286i	0.0036+0.0677i	-0.0441+0.0067i	0.0265+0.0458i
69.5	-0.0332-0.1121i	-0.2543-0.0311i	--	-0.0377-0.1244i	0.0383+0.0413i	0.0141+0.0855i	-0.0580+0.0105i	0.0251+0.0445i
69.6	-0.0550-0.1046i	-0.2617-0.0166i	--	-0.0480-0.1286i	0.0474+0.0181i	0.0171+0.1016i	-0.0467+0.0068i	0.0397+0.0426i
69.7	-0.0654-0.1066i	-0.2580-0.0010i	--	-0.0530-0.1213i	0.0474+0.0262i	0.0265+0.0745i	-0.0367-0.0036i	0.0402+0.0277i
69.8	-0.0648-0.1178i	-0.2668+0.0261i	--	-0.0446-0.1277i	0.0642+0.0285i	0.0326+0.0669i	-0.0387+0.0120i	0.0324+0.0325i
69.9	-0.0624-0.1183i	-0.2516+0.0053i	--	-0.0500-0.1318i	0.0546+0.0164i	0.0310+0.1060i	-0.0452+0.0147i	0.0359+0.0578i
70.0	-0.0672-0.1048i	-0.2447-0.0115i	--	-0.0462-0.1233i	0.0491+0.0187i	0.0096+0.1432i	-0.0404+0.0198i	0.0427+0.0578i
70.1	-0.0420-0.1050i	-0.2492+0.0223i	--	-0.0300-0.1290i	0.0650+0.0211i	0.0439+0.1620i	-0.0511+0.0269i	0.0428+0.0529i
70.2	-0.0471-0.1185i	-0.2331+0.0337i	--	-0.0263-0.1352i	0.0721+0.0326i	0.0676+0.1436i	-0.0523+0.0115i	0.0308+0.0428i
70.3	-0.0063-0.1094i	-0.2598+0.0136i	--	-0.0302-0.1285i	0.0397+0.0362i	0.1167+0.1644i	-0.0529+0.0225i	0.0224+0.0326i
70.4	-0.0299-0.0862i	-0.2494+0.0599i	--	-0.0272-0.1266i	0.0681+0.0099i	0.0746+0.1598i	-0.0528+0.0100i	0.0102+0.0382i
70.5	-0.0296-0.1054i	-0.2436+0.0719i	--	-0.0192-0.1393i	0.0562+0.0073i	0.0530+0.1862i	-0.0513+0.0216i	0.0073+0.0493i
70.6	-0.0059-0.1198i	-0.2422+0.0958i	--	-0.0149-0.1544i	0.0421-0.0155i	0.0469+0.1752i	-0.0701+0.0123i	0.0145+0.0652i
70.7	-0.0258-0.1006i	-0.2351+0.0996i	--	-0.0323-0.1352i	0.0411-0.0093i	0.0843+0.2073i	-0.0530+0.0104i	0.0168+0.0592i
70.8	-0.0341-0.1086i	-0.2440+0.0851i	--	-0.0312-0.1209i	0.0553+0.0269i	0.1301+0.2235i	-0.0535+0.0095i	0.0199+0.0419i
70.9	-0.0420-0.1024i	-0.2143+0.0800i	--	-0.0469-0.1283i	0.0507+0.0157i	0.1460+0.2383i	-0.0586+0.0133i	0.0154+0.0461i
71.0	-0.0227-0.1221i	-0.2020+0.0607i	--	-0.0480-0.1320i	0.0212+0.0318i	0.1645+0.2678i	-0.0567+0.0158i	0.0213+0.0559i
71.1	-0.0066-0.1361i	-0.2121+0.0743i	--	-0.0417-0.1308i	0.0295+0.0440i	0.1898+0.2640i	-0.0710+0.0220i	0.0178+0.0576i
71.2	0.0036-0.1390i	-0.2455+0.0822i	--	-0.0197-0.1407i	0.0545+0.0493i	0.1770+0.3429i	-0.0901+0.0369i	0.0054+0.0757i
71.3	-0.0052-0.1462i	-0.2191+0.0778i	--	-0.0280-0.1259i	0.0434+0.0588i	0.1664+0.3160i	-0.0859+0.0310i	0.0038+0.0764i
71.4	0.0021-0.1406i	-0.2082+0.0612i	--	-0.0346-0.1308i	0.0355+0.0510i	0.1623+0.3514i	-0.1039+0.0278i	0.0072+0.0858i
71.5	0.0302-0.1563i	-0.2564+0.0506i	--	-0.0186-0.1319i	0.0393+0.0865i	0.2033+0.4177i	-0.1217+0.0386i	0.0041+0.0855i
71.6	0.0309-0.1892i	-0.2610+0.0810i	--	-0.0092-0.1446i	0.0611+0.0934i	0.2096+0.4259i	-0.1394+0.0689i	0.0129+0.1020i
71.7	0.0767-0.2116i	-0.2641+0.0953i	--	0.0059-0.1662i	0.0437+0.0807i	0.2557+0.4792i	-0.1410+0.0989i	0.0130+0.1157i
71.8	0.0669-0.2468i	-0.2643+0.0874i	--	-0.0083-0.1539i	0.0429+0.1240i	0.3383+0.4705i	-0.1329+0.1027i	0.0094+0.1161i
71.9	0.0431-0.2427i	-0.2716+0.1018i	--	-0.0038-0.1401i	0.0707+0.1170i	0.3707+0.4128i	-0.1219+0.1005i	0.0191+0.1159i
72.0	0.0479-0.2844i	-0.2714+0.1051i	--	-0.0041-0.1475i	0.0780+0.1429i	0.3971+0.4383i	-0.1232+0.1127i	0.0184+0.1259i
72.1	0.0703-0.3002i	-0.2863+0.1129i	--	0.0057-0.1701i	0.0796+0.1424i	0.4158+0.4948i	-0.1278+0.1320i	0.0173+0.1382i
72.2	0.0407-0.3084i	-0.2831+0.1092i	--	-0.0004-0.1713i	0.0897+0.1572i	0.4803+0.4686i	-0.1091+0.1458i	0.0225+0.1262i
72.3	0.0298-0.3179i	-0.2729+0.1324i	--	0.0004-0.1631i	0.1105+0.1559i	0.5201+0.4654i	-0.0867+0.1580i	0.0245+0.1283i
72.4	0.0021-0.3440i	-0.2714+0.1523i	--	0.0099-0.1653i	0.1465+0.1693i	0.5453+0.4805i	-0.0858+0.1827i	0.0258+0.1404i
72.5	-0.0257-0.3752i	-0.2744+0.1398i	--	-0.0046-0.1714i	0.1498+0.1954i	0.6096+0.4583i	-0.0808+0.1839i	0.0464+0.1335i
72.6	0.0043-0.4206i	-0.3006+0.1437i	--	0.0183-0.1868i	0.1741+0.1933i	0.6770+0.4996i	-0.0783+0.2109i	0.0376+0.1571i
72.7	-0.0097-0.4375i	-0.2965+0.1772i	--	0.0348-0.1928i	0.2084+0.1743i	0.6511+0.4680i	-0.0788+0.2243i	0.0407+0.1736i
72.8	0.0035-0.4802i	-0.3120+0.1995i	--	0.0456-0.2183i	0.2170+0.1871i	0.6714+0.4556i	-0.0822+0.2288i	0.0445+0.1805i
72.9	-0.0285-0.4976i	-0.3148+0.2061i	--	0.0411-0.2298i	0.2346+0.1857i	0.7101+0.4636i	-0.0577+0.2466i	0.0591+0.1801i
73.0	-0.0577-0.4991i	-0.3350+0.2327i	--	0.0397-0.2310i	0.2665+0.1766i	0.7568+0.4681i	-0.0547+0.2614i	0.0639+0.1845i
73.1	-0.0792-0.5340i	-0.3471+0.2591i	--	0.0409-0.2487i	0.2902+0.1683i	0.8119+0.4335i	-0.0543+0.2740i	0.0687+0.1933i
73.2	-0.0989-0.5189i	-0.3463+0.2717i	--	0.0385-0.2518i	0.3135+0.1475i	0.8416+0.4185i	-0.0480+0.2840i	0.0745+0.1852i
73.3	-0.1299-0.5898i	-0.3720+0.3134i	--	0.0397-0.2750i	0.3573+0.1620i	0.9081+0.3845i	-0.0438+0.3126i	0.0797+0.2014i
73.4	-0.2134-0.5676i	-0.3447+0.3365i	--	0.0388-0.2688i	0.4099+0.1172i	0.8533+0.2879i	-0.0273+0.2984i	0.0798+0.2056i
73.5	-0.2389-0.5751i	-0.2951+0.3630i	--	0.0309-0.3009i	0.3849+0.0721i	0.8690+0.2939i	0.0199+0.3104i	0.1050+0.2096i
73.6	-0.2549-0.6074i	-0.3205+0.3830i	--	0.0076-0.3208i	0.3993+0.0942i	0.9801+0.3318i	0.0230+0.3328i	0.1097+0.1974i
73.7	-0.2875-0.6211i	-0.3128+0.4217i	--	0.0054-0.3347i	0.4337+0.0574i	1.0200+0.2662i	0.0380+0.3629i	0.1165+0.2119i
73.8	-0.3296-0.6138i	-0.2633+0.4477i	--	-0.0042-0.3381i	0.4337+0.0166i	0.9838+0.1940i	0.0674+0.3544i	0.1388+0.2199i
73.9	-0.3939-0.6125i	-0.2266+0.4418i	--	-0.0291-0.3499i	0.4470+0.0163i	1.0285+0.1806i	0.1046+0.3424i	0.1466+0.1950i
74.0	-0.4029-0.6836i	-0.2671+0.4708i	--	-0.0269-0.3739i	0.4942+0.0349i	1.1062+0.1517i	0.0875+0.3831i	0.1381+0.1998i
74.1	-0.4253-0.6611i	-0.2364+0.4842i	--	-0.0211-0.3809i	0.4872+0.0043i	1.0830+0.1600i	0.1241+0.3814i	0.1549+0.2041i
74.2	-0.4433-0.6008i	-0.1935+0.4863i	--	-0.0189-0.3801i	0.4666-0.0614i	0.9889+0.1259i	0.1518+0.3647i	0.1703+0.2061i
74.3	-0.5097-0.5780i	-0.1845+0.5251i	--	-0.0204-0.3720i	0.5076-0.1205i	1.0005+0.0254i	0.1761+0.3918i	0.1617+0.2065i
74.4	-0.5731-0.5559i	-0.1750+0.5550i	--	-0.0259-0.3698i	0.5386-0.1721i	0.9665-0.0109i	0.1967+0.4221i	0.1656+0.2217i
74.5	-0.6117-0.5792i	-0.1630+0.5912i	--	-0.0466-0.4041i	0.5324-0.1901i	0.9900+0.0289i	0.2200+0.4300i	0.1893+0.2333i
74.6	-0.6759-0.6013i	-0.1418+0.6050i	--	-0.0801-0.4273i	0.5378-0.1903i	1.0717+0.0158i	0.2438+0.4230i	0.2031+0.2230i
74.7	-0.7320-0.6020i	-0.1008+0.6290i	--	-0.1078-0.4398i	0.5291-0.2151i	1.0853-0.0163i	0.2832+0.4394i	0.2136+0.2125i
74.8	-0.7735-0.5549i	-0.0541+0.6450i	--	-0.1192-0.4294i	0.5086-0.2463i	1.1007-0.0583i	0.3218+0.4132i	0.2260+0.1837i
74.9	-0.8004-0.4809i	0.0109+0.6457i	--	-0.1050-0.4068i	0.4846-0.3240i	0.9597-0.1921i	0.3671+0.3903i	0.2254+0.1830i

75.0	-0.8138-0.4748i	0.0098+0.6739i	--	-0.1022-0.4412i	0.4777-0.3685i	0.9154-0.0998i	0.3733+0.4243i	0.2398+0.2001i
75.1	-0.8547-0.4991i	0.0057+0.7061i	--	-0.0915-0.4809i	0.5078-0.3716i	0.9165-0.0341i	0.3709+0.4408i	0.2464+0.2104i
75.2	-0.8551-0.4555i	0.0239+0.6915i	--	-0.0723-0.4790i	0.5254-0.3777i	0.9037-0.0259i	0.3723+0.4074i	0.2196+0.2145i
75.3	-0.8896-0.4176i	0.1060+0.7156i	--	-0.0855-0.4724i	0.4963-0.4235i	0.8692-0.1350i	0.4461+0.3956i	0.2201+0.2063i
75.4	-0.9543-0.3992i	0.1590+0.7534i	--	-0.1384-0.5003i	0.4631-0.4738i	0.8517-0.1625i	0.5017+0.4048i	0.2456+0.2192i
75.5	-0.9882-0.3426i	0.1958+0.7646i	--	-0.1397-0.5121i	0.4400-0.5038i	0.8234-0.1086i	0.5241+0.3856i	0.2663+0.2088i
75.6	-1.0328-0.2751i	0.2306+0.7424i	--	-0.1703-0.5126i	0.4249-0.4979i	0.8438-0.0036i	0.5422+0.3555i	0.2727+0.1904i
75.7	-1.0759-0.1905i	0.3265+0.7285i	--	-0.1890-0.5330i	0.4014-0.5597i	0.7777+0.0246i	0.5969+0.3343i	0.2787+0.1954i
75.8	-1.1448-0.2145i	0.3902+0.7489i	--	-0.2153-0.5819i	0.4105-0.6019i	0.8010+0.0174i	0.6464+0.3438i	0.2877+0.2195i
75.9	-1.2098-0.1820i	0.4564+0.7391i	--	-0.2780-0.6230i	0.3601-0.6190i	0.8317+0.0996i	0.7297+0.3139i	0.3188+0.2157i
76.0	-1.1938-0.0692i	0.5018+0.6895i	--	-0.2928-0.5826i	0.3187-0.6448i	0.7685+0.0616i	0.7406+0.2628i	0.3181+0.2071i
76.1	-1.1891-0.0236i	0.5202+0.6783i	--	-0.2696-0.5872i	0.3157-0.6772i	0.7345+0.1253i	0.7449+0.2611i	0.3132+0.2211i
76.2	-1.2407+0.0743i	0.6233+0.6490i	--	-0.3235-0.6523i	0.2456-0.7294i	0.7596+0.3513i	0.8257+0.1932i	0.3643+0.2257i
76.3	-1.2759+0.1414i	0.6724+0.5839i	--	-0.3753-0.6641i	0.2197-0.7107i	0.8115+0.4114i	0.8443+0.1212i	0.3723+0.2120i
76.4	-1.2988+0.1548i	0.7189+0.5884i	--	-0.4439-0.6717i	0.1942-0.7209i	0.9282+0.4437i	0.8659+0.1337i	0.3790+0.2157i
76.5	-1.2547+0.2294i	0.7373+0.5257i	--	-0.4587-0.6807i	0.1569-0.7532i	0.8944+0.5388i	0.8761+0.1075i	0.3886+0.2332i
76.6	-1.2250+0.2993i	0.7472+0.4909i	--	-0.4571-0.6804i	0.1458-0.7979i	0.9157+0.6325i	0.8827+0.0838i	0.3890+0.2508i
76.7	-1.2234+0.3893i	0.8025+0.4517i	--	-0.5048-0.6999i	0.0725-0.8120i	0.9653+0.7969i	0.9381+0.0250i	0.4287+0.2427i
76.8	-1.2461+0.4645i	0.8562+0.3933i	--	-0.5969-0.7259i	0.0301-0.8421i	1.1225+0.8574i	0.9552-0.0403i	0.4687+0.2458i
76.9	-1.2355+0.5125i	0.8938+0.3382i	--	-0.6941-0.7084i	-0.0288-0.8290i	1.3502+0.9030i	0.9583-0.0794i	0.4963+0.2302i
77.0	-1.2206+0.5753i	0.9311+0.2870i	--	-0.7399-0.6598i	-0.0595-0.8085i	1.5599+0.9789i	1.0000-0.1145i	0.5141+0.2250i
77.1	-1.1626+0.6345i	0.9462+0.2426i	--	-0.7520-0.6829i	-0.1351-0.8371i	1.5860+1.1320i	1.0174-0.1579i	0.5587+0.2457i
77.2	-1.1074+0.6872i	0.9361+0.1997i	--	-0.7708-0.6557i	-0.1724-0.8451i	1.6328+1.1426i	0.9984-0.1828i	0.5745+0.2415i
77.3	-1.0696+0.8247i	0.9717+0.0541i	--	-0.8482-0.5956i	-0.2284-0.8641i	1.8417+0.9995i	1.0449-0.2941i	0.6207+0.2427i
77.4	-1.0136+0.8416i	0.9704-0.0022i	--	-0.9654-0.5726i	-0.2780-0.8126i	2.2960+1.1059i	1.0257-0.3342i	0.6660+0.2240i
77.5	-0.9501+0.8509i	0.9379-0.0710i	--	-0.9729-0.5109i	-0.3196-0.7801i	2.3899+0.9871i	1.0102-0.3849i	0.7018+0.1902i
77.6	-0.9348+0.8762i	0.9428-0.1408i	--	-1.0445-0.4497i	-0.3577-0.7513i	2.6766+0.7611i	1.0499-0.4391i	0.7394+0.1519i
77.7	-0.8768+0.9127i	0.9309-0.2279i	--	-1.0748-0.4255i	-0.4121-0.7117i	2.8480+0.6705i	1.0522-0.5446i	0.7702+0.1039i
77.8	-0.8288+0.9589i	0.9019-0.2849i	--	-1.0752-0.3722i	-0.4529-0.6734i	2.9823+0.6796i	1.0493-0.6076i	0.8065+0.0674i
77.9	-0.7658+1.0151i	0.8671-0.3423i	--	-1.1061-0.3149i	-0.5214-0.6472i	3.0870+0.6126i	1.0428-0.7003i	0.8538+0.0249i
78.0	-0.6794+1.0300i	0.8274-0.3804i	--	-1.1233-0.3183i	-0.5364-0.6550i	3.3326+0.5134i	1.0031-0.7611i	0.8744+0.0061i
78.1	-0.6458+1.0367i	0.8047-0.4154i	--	-1.2212-0.3264i	-0.5902-0.6080i	3.7259+0.5921i	0.9688-0.8132i	0.9192-0.0265i
78.2	-0.6384+1.0510i	0.7799-0.4688i	--	-1.3284-0.2619i	-0.6303-0.5482i	4.0767+0.3807i	0.9617-0.8833i	0.9694-0.0827i
78.3	-0.5528+1.0868i	0.7236-0.5289i	--	-1.3541-0.1492i	-0.6525-0.4767i	4.2681+0.0471i	0.8981-1.0277i	0.9791-0.1850i
78.4	-0.4995+1.0793i	0.6674-0.5183i	--	-1.3463-0.1674i	-0.6848-0.5032i	4.1692-0.0167i	0.8004-1.0558i	0.9781-0.1910i
78.5	-0.4431+1.0585i	0.5842-0.5325i	--	-1.3791-0.0998i	-0.6840-0.4545i	4.2766-0.3205i	0.6773-1.0723i	0.9620-0.2622i
78.6	-0.3699+1.0714i	0.5035-0.5800i	--	-1.4160+0.0734i	-0.6717-0.3480i	4.3707-0.8350i	0.5505-1.1445i	0.9417-0.3796i
78.7	-0.3173+1.0584i	0.4551-0.5785i	--	-1.3667+0.1844i	-0.6520-0.3020i	4.2674-1.1966i	0.4957-1.1493i	0.9260-0.4324i
78.8	-0.2317+0.9862i	0.3945-0.5149i	--	-1.2591+0.2252i	-0.6319-0.2720i	3.9895-1.2302i	0.4136-1.0865i	0.8675-0.4549i
78.9	-0.2014+0.9211i	0.3712-0.4405i	--	-1.1336+0.2340i	-0.5424-0.2665i	3.8914-1.1050i	0.3687-1.0178i	0.7878-0.4552i
79.0	-0.2458+0.8396i	0.4501-0.3912i	--	-1.1126+0.0751i	-0.5307-0.3260i	4.2069-0.7525i	0.4494-0.9658i	0.7995-0.3807i
79.1	-0.2781+0.7777i	0.5162-0.4704i	--	-1.3141-0.0269i	-0.6325-0.3618i	4.9247-1.0673i	0.4494-1.0375i	0.8995-0.3756i
79.2	-0.3292+0.9265i	0.4947-0.5918i	--	-1.6330+0.2116i	-0.7568-0.2972i	5.5421-1.9798i	0.4144-1.1706i	1.0178-0.5164i
79.3	-0.3230+0.9371i	0.4530-0.6299i	--	-1.6880+0.3733i	-0.7590-0.2331i	5.5687-2.5488i	0.3373-1.1979i	1.0244-0.6167i
79.4	-0.3289+0.9156i	0.3910-0.6249i	--	-1.6368+0.5410i	-0.7141-0.1755i	5.3209-3.0307i	0.2967-1.1537i	0.9854-0.6821i
79.5	-0.2656+0.9265i	0.3192-0.5898i	--	-1.5257+0.7083i	-0.7108-0.1452i	4.8990-3.4944i	0.2342-1.1140i	0.9208-0.7532i
79.6	-0.2277+0.9466i	0.3127-0.5859i	--	-1.4567+0.8730i	-0.7075-0.0726i	4.6702-4.0137i	0.1611-1.1316i	0.8634-0.8650i
79.7	-0.2617+0.9747i	0.3017-0.5486i	--	-1.3721+0.9902i	-0.6578-0.0556i	4.4397-4.1605i	0.1612-1.0702i	0.8101-0.8899i
79.8	-0.2676+1.0186i	0.2846-0.5433i	--	-1.3180+1.0948i	-0.6445-0.0400i	4.3246-4.4015i	0.1479-1.0518i	0.7712-0.9321i
79.9	-0.1638+1.0380i	0.2860-0.5566i	--	-1.2387+1.1799i	-0.6970+0.0029i	4.2141-4.7397i	0.1014-1.1018i	0.7344-1.0276i
80.0	-0.1085+1.0532i	0.2593-0.5744i	--	-1.0928+1.2263i	-0.6574+0.0062i	3.8069-4.9312i	0.0362-1.0669i	0.6453-1.0433i

2.1.112 Run 11 – IP000NVP – Accels 25–32

In-plane shaking at 0° with no vertical shake plate. Accelerometers 25–32.

f (Hz)	acc25 ($g/lb \times 10^{-3}$)	acc26 ($g/lb \times 10^{-3}$)	acc27 ($g/lb \times 10^{-3}$)	acc28 ($g/lb \times 10^{-3}$)	acc29 ($g/lb \times 10^{-3}$)	acc30 ($g/lb \times 10^{-3}$)	acc31 ($g/lb \times 10^{-3}$)	acc32 ($g/lb \times 10^{-3}$)
0.0	21.6863+0.0000i	20.2151+0.0000i	15.3809+0.0000i	16.2780+0.0000i	6.9857+0.0000i	23.4411+0.0000i	16.8981+0.0000i	-17.2034+0.0000i
0.1	20.9088-5.1930i	19.7876-0.3633i	14.8226-0.2019i	15.6685+0.3551i	6.9714+0.0318i	22.7144-0.9934i	17.4566-2.0069i	-15.2024-0.3844i
0.2	0.2869+1.1032i	1.3738+0.3863i	-1.3211+1.2032i	0.1379+1.5155i	1.9820-1.1959i	2.6801+3.3344i	6.9407+4.7792i	6.3486+10.8600i
0.3	-0.4986+1.3553i	0.0032+0.2339i	-0.0655+0.4791i	-0.6659-0.2636i	-0.3822-1.0240i	1.0971+2.2924i	-0.2632+1.0888i	-1.2777+1.9649i
0.4	0.5750+2.4723i	0.0310+0.1963i	0.2033-0.2752i	-0.3345-0.0168i	0.7944-0.7325i	0.8435+0.0018i	-0.9053-0.9592i	0.2527-0.3815i
0.5	0.2094+1.4201i	-0.1387-0.0235i	0.3564+0.0547i	0.3260+0.0372i	-0.3656+0.0827i	-0.4982-0.1212i	0.3608-0.7730i	1.1498-0.7586i
0.6	0.4408+0.1881i	-0.1906+0.0296i	0.0499+0.0715i	-0.0019+0.1069i	-0.1485-0.1006i	-0.3067+0.0780i	-0.1068+0.1199i	-0.1371-0.2141i
0.7	0.0076-0.0552i	-0.0929+0.0093i	0.1091+0.0298i	0.0036-0.0161i	-0.0838+0.0818i	-0.0209+0.0165i	0.0115+0.0332i	-0.0487-0.0419i
0.8	-0.0601-0.0406i	-0.0759+0.0071i	0.1394-0.0026i	-0.0000-0.0094i	-0.0950+0.0424i	0.0161+0.0011i	0.0165-0.0009i	-0.0127-0.0061i
0.9	-0.0220+0.0063i	-0.0803+0.0077i	0.1132-0.0339i	0.0019+0.0070i	-0.0684-0.0309i	0.0172-0.0112i	0.0175-0.0129i	-0.0223+0.0041i
1.0	-0.0313+0.0174i	-0.1034-0.0148i	-0.0871-0.0753i	0.0053+0.0065i	0.0192-0.0319i	-0.0064-0.0123i	0.0222-0.0258i	0.0184-0.0005i
1.1	-0.0114+0.0166i	-0.1327-0.0293i	-0.1189-0.0108i	-0.0020-0.0069i	-0.0113-0.0446i	-0.0070+0.0039i	0.0322-0.0061i	0.0184+0.0109i
1.2	0.0169+0.0007i	-0.1706-0.0089i	-0.2323+0.0769i	0.0146+0.0036i	-0.0346-0.0449i	-0.0029+0.0037i	0.0301+0.0012i	0.0159+0.0112i
1.3	0.0195-0.0142i	-0.1963-0.0039i	-0.0981+0.2893i	0.0211+0.0001i	-0.0360-0.0121i	0.0009+0.0055i	0.0254-0.0085i	0.0190-0.0075i
1.4	0.0165-0.0009i	-0.2555-0.0188i	0.5494+0.0534i	0.0314-0.0022i	-0.0268+0.0142i	0.0120+0.0028i	0.0249-0.0010i	-0.0104-0.0083i
1.5	0.0272+0.0071i	-0.3309-0.0269i	0.1998-0.6940i	0.0349-0.0050i	-0.0310+0.0180i	0.0120-0.0014i	0.0453+0.0082i	-0.0059+0.0096i
1.6	0.0303+0.0091i	-0.4518-0.0296i	-0.5034-0.3793i	0.0350-0.0011i	-0.0542+0.0045i	0.0089-0.0043i	0.0722+0.0065i	-0.0042+0.0087i
1.7	0.0358+0.0068i	-0.5728-0.0229i	-0.2951-0.0735i	0.0480+0.0030i	-0.0810-0.0003i	0.0083-0.0063i	0.0915+0.0023i	-0.0080+0.0051i
1.8	0.0475+0.0030i	-0.7765+0.0103i	-0.2006-0.0414i	0.0662+0.0008i	-0.1122+0.0038i	0.0120-0.0092i	0.1217-0.0025i	-0.0168+0.0107i
1.9	0.0596+0.0005i	-1.0052+0.0444i	-0.1807-0.0398i	0.0845-0.0014i	-0.1509+0.0091i	0.0154-0.0164i	0.1574-0.0097i	-0.0236+0.0208i
2.0	0.0761+0.0054i	-1.3699+0.0123i	-0.1841-0.0371i	0.1117+0.0022i	-0.2092+0.0042i	0.0246-0.0290i	0.2145-0.0077i	-0.0363+0.0361i
2.1	0.0970+0.0049i	-1.7673+0.1029i	-0.2012-0.0338i	0.1402-0.0031i	-0.2702+0.0170i	0.0177-0.0456i	0.2752-0.0235i	-0.0298+0.0567i
2.2	0.1570-0.0085i	-2.9708+0.4566i	-0.2619-0.0142i	0.2257-0.0248i	-0.4687+0.0787i	-0.0252-0.0425i	0.4604-0.0766i	0.0107+0.0607i
2.3	0.1614-0.1434i	-2.7764+3.5611i	-0.2727+0.1636i	0.2206-0.2381i	-0.4050+0.5788i	-0.0254-0.0045i	0.4293-0.5662i	0.0106+0.0455i
2.4	-0.1368-0.0799i	3.9330+1.6555i	0.1189+0.1084i	-0.2501-0.1202i	0.6378+0.2271i	-0.0250-0.0089i	-0.6451-0.2542i	0.0739+0.0200i
2.5	-0.0791-0.0331i	2.6973+0.6819i	0.0699+0.0459i	-0.1619-0.0504i	0.4361+0.0907i	-0.0214-0.0036i	-0.4439-0.1035i	0.0566+0.0067i
2.6	-0.0497-0.0159i	2.0181+0.3278i	0.0354+0.0218i	-0.1113-0.0265i	0.3309+0.0459i	-0.0174-0.0014i	-0.3358-0.0480i	0.0478+0.0005i
2.7	-0.0289-0.0098i	1.5885+0.1955i	0.0138+0.0152i	-0.0786-0.0155i	0.2645+0.0231i	-0.0157+0.0016i	-0.2686-0.0255i	0.0412-0.0025i
2.8	-0.0163-0.0073i	1.3629+0.1527i	0.0018+0.0129i	-0.0613-0.0112i	0.2309+0.0153i	-0.0150+0.0022i	-0.2340-0.0177i	0.0379-0.0019i
2.9	-0.0059-0.0071i	1.2077+0.1438i	-0.0022+0.0108i	-0.0476-0.0112i	0.2072+0.0139i	-0.0130+0.0015i	-0.2110-0.0158i	0.0355-0.0015i
3.0	0.0019-0.0055i	1.0925+0.1186i	-0.0071+0.0088i	-0.0374-0.0089i	0.1916+0.0095i	-0.0124+0.0022i	-0.1946-0.0112i	0.0342-0.0021i
3.1	0.0084-0.0042i	1.0124+0.0924i	-0.0101+0.0072i	-0.0289-0.0068i	0.1794+0.0041i	-0.0127+0.0027i	-0.1831-0.0054i	0.0320-0.0018i
3.2	0.0146-0.0034i	0.9441+0.0862i	-0.0126+0.0042i	-0.0202-0.0064i	0.1669+0.0029i	-0.0127+0.0028i	-0.1724-0.0038i	0.0313-0.0024i
3.3	0.0202-0.0028i	0.8959+0.0799i	-0.0147+0.0032i	-0.0138-0.0055i	0.1587+0.0025i	-0.0132+0.0019i	-0.1638-0.0041i	0.0311-0.0024i
3.4	0.0276-0.0037i	0.8390+0.0737i	-0.0152+0.0036i	-0.0047-0.0056i	0.1522+0.0027i	-0.0120+0.0025i	-0.1557-0.0045i	0.0293-0.0031i
3.5	0.0324-0.0037i	0.8080+0.0703i	-0.0165+0.0027i	0.0018-0.0057i	0.1498+0.0029i	-0.0111+0.0036i	-0.1527-0.0039i	0.0289-0.0043i
3.6	0.0377-0.0030i	0.7804+0.0658i	-0.0175+0.0014i	0.0068-0.0047i	0.1483+0.0041i	-0.0120+0.0034i	-0.1517-0.0037i	0.0297-0.0037i
3.7	0.0436-0.0026i	0.7555+0.0628i	-0.0185+0.0020i	0.0126-0.0037i	0.1481+0.0028i	-0.0129+0.0034i	-0.1515-0.0029i	0.0307-0.0028i
3.8	0.0486-0.0020i	0.7327+0.0598i	-0.0198+0.0021i	0.0193-0.0032i	0.1475+0.0029i	-0.0127+0.0041i	-0.1506-0.0027i	0.0300-0.0038i
3.9	0.0554-0.0023i	0.7137+0.0584i	-0.0213+0.0001i	0.0257-0.0034i	0.1487+0.0055i	-0.0128+0.0030i	-0.1523-0.0060i	0.0315-0.0026i
4.0	0.0612-0.0024i	0.6963+0.0555i	-0.0222-0.0002i	0.0316-0.0021i	0.1533+0.0032i	-0.0142+0.0030i	-0.1567-0.0024i	0.0339-0.0034i
4.1	0.0677-0.0034i	0.6796+0.0589i	-0.0223+0.0004i	0.0388-0.0025i	0.1554+0.0028i	-0.0160+0.0040i	-0.1576-0.0013i	0.0350-0.0031i
4.2	0.0726-0.0037i	0.6719+0.0595i	-0.0218-0.0002i	0.0461-0.0038i	0.1583+0.0009i	-0.0168+0.0043i	-0.1621-0.0010i	0.0366-0.0042i
4.3	0.0786-0.0044i	0.6599+0.0643i	-0.0224+0.0004i	0.0543-0.0038i	0.1643-0.0013i	-0.0198+0.0056i	-0.1700+0.0005i	0.0420-0.0080i
4.4	0.0867-0.0045i	0.6518+0.0731i	-0.0214+0.0019i	0.0612-0.0056i	0.1693-0.0072i	-0.0195+0.0120i	-0.1743+0.0064i	0.0426-0.0148i
4.5	0.0927-0.0027i	0.6487+0.0700i	-0.0252-0.0013i	0.0669-0.0052i	0.1690-0.0095i	-0.0122+0.0129i	-0.1751+0.0064i	0.0347-0.0154i
4.6	0.0982-0.0035i	0.6432+0.0729i	-0.0272-0.0019i	0.0743-0.0050i	0.1690-0.0070i	-0.0132+0.0068i	-0.1774+0.0040i	0.0355-0.0083i
4.7	0.1072-0.0047i	0.6353+0.0762i	-0.0255-0.0014i	0.0839-0.0048i	0.1822-0.0051i	-0.0157+0.0076i	-0.1886+0.0062i	0.0403-0.0084i
4.8	0.1170-0.0033i	0.6288+0.0778i	-0.0258-0.0008i	0.0949-0.0055i	0.2000-0.0100i	-0.0193+0.0107i	-0.2073+0.0107i	0.0463-0.0127i
4.9	0.1237-0.0039i	0.6269+0.0847i	-0.0250+0.0014i	0.1044-0.0058i	0.2127-0.0142i	-0.0204+0.0109i	-0.2222+0.0145i	0.0494-0.0130i
5.0	0.1311-0.0062i	0.6292+0.0891i	-0.0253+0.0010i	0.1144-0.0072i	0.2278-0.0233i	-0.0217+0.0110i	-0.2399+0.0233i	0.0526-0.0151i
5.1	0.1410-0.0077i	0.6253+0.0987i	-0.0270+0.0028i	0.1260-0.0109i	0.2457-0.0420i	-0.0236+0.0141i	-0.2564+0.0449i	0.0571-0.0208i
5.2	0.1509-0.0100i	0.6217+0.1073i	-0.0289+0.0042i	0.1397-0.0149i	0.2723-0.0686i	-0.0259+0.0200i	-0.2847+0.0772i	0.0632-0.0308i
5.3	0.1589-0.0140i	0.6252+0.1164i	-0.0287+0.0020i	0.1520-0.0187i	0.2846-0.0950i	-0.0275+0.0214i	-0.2994+0.1010i	0.0676-0.0370i
5.4	0.1684-0.0185i	0.6257+0.1343i	-0.0330+0.0039i	0.1660-0.0235i	0.3009-0.1449i	-0.0309+0.0342i	-0.3216+0.1572i	0.0748-0.0580i
5.5	0.1763-0.0221i	0.6335+0.1497i	-0.0339+0.0080i	0.1761-0.0268i	0.3039-0.1943i	-0.0288+0.0447i	-0.3262+0.2176i	0.0715-0.0763i
5.6	0.1816-0.0230i	0.6631+0.1578i	-0.0299+0.0093i	0.1910-0.0332i	0.2936-0.2403i	-0.0263+0.0498i	-0.3072+0.2757i	0.0663-0.0905i

5.7	0.1875-0.0225i	0.6721+0.1628i	-0.0300+0.0099i	0.2024-0.0369i	0.2852-0.2780i	-0.0289+0.0596i	-0.2980+0.3184i	0.0669-0.1042i
5.8	0.1955-0.0291i	0.6863+0.1840i	-0.0300+0.0119i	0.2143-0.0496i	0.2578-0.3497i	-0.0206+0.0704i	-0.2583+0.3982i	0.0526-0.1242i
5.9	0.1954-0.0353i	0.7338+0.1959i	-0.0247+0.0108i	0.2188-0.0579i	0.1583-0.4043i	-0.0050+0.0890i	-0.1388+0.4494i	0.0235-0.1522i
6.0	0.1958-0.0372i	0.7660+0.1971i	-0.0258+0.0061i	0.2282-0.0634i	0.0598-0.4120i	0.0216+0.0967i	-0.0281+0.4495i	-0.0194-0.1622i
6.1	0.1960-0.0323i	0.7942+0.1873i	-0.0263+0.0091i	0.2395-0.0646i	-0.0128-0.3754i	0.0476+0.0857i	0.0488+0.4074i	-0.0593-0.1435i
6.2	0.1958-0.0269i	0.8200+0.1759i	-0.0284+0.0078i	0.2522-0.0596i	-0.0554-0.3385i	0.0695+0.0681i	0.0969+0.3642i	-0.0907-0.1196i
6.3	0.1949-0.0186i	0.8439+0.1610i	-0.0285+0.0093i	0.2708-0.0564i	-0.0794-0.2925i	0.0752+0.0402i	0.1210+0.3068i	-0.1014-0.0837i
6.4	0.1931-0.0055i	0.8644+0.1501i	-0.0262+0.0129i	0.2965-0.0571i	-0.0767-0.2629i	0.0643+0.0204i	0.1192+0.2709i	-0.0940-0.0585i
6.5	0.1836+0.0084i	0.9054+0.1470i	-0.0223+0.0101i	0.3157-0.0624i	-0.0845-0.2477i	0.0605+0.0197i	0.1367+0.2483i	-0.0933-0.0548i
6.6	0.1770+0.0326i	0.9579+0.1276i	-0.0218+0.0054i	0.3387-0.0637i	-0.0876-0.2360i	0.0664+0.0246i	0.1372+0.2285i	-0.1007-0.0527i
6.7	0.1607+0.0596i	1.0180+0.1154i	-0.0239+0.0044i	0.3707-0.0644i	-0.0878-0.2508i	0.0665+0.0159i	0.1354+0.2295i	-0.1050-0.0422i
6.8	0.1387+0.1069i	1.0758+0.0779i	-0.0275+0.0064i	0.4012-0.0796i	-0.1199-0.2651i	0.0756+0.0009i	0.1723+0.2325i	-0.1259-0.0249i
6.9	0.0693+0.2017i	1.1716+0.0038i	-0.0305+0.0074i	0.4345-0.0930i	-0.1827-0.2666i	0.0897-0.0118i	0.2390+0.2247i	-0.1597-0.0053i
7.0	0.0063+0.3893i	1.2701-0.1179i	-0.0294+0.0090i	0.4670-0.0989i	-0.2694-0.2581i	0.0931-0.0350i	0.3184+0.1859i	-0.1833+0.0377i
7.1	0.1280+0.8387i	1.2967-0.4274i	-0.0348+0.0116i	0.5032-0.1065i	-0.4222-0.1105i	0.0940-0.0877i	0.4272+0.0095i	-0.1984+0.1602i
7.2	0.6641+1.0657i	1.0312-0.6375i	-0.0358+0.0190i	0.5450-0.1026i	-0.3754+0.1436i	0.0065-0.2146i	0.3304-0.2813i	-0.0535+0.3521i
7.3	1.1476+0.8721i	0.7521-0.5993i	-0.0359+0.0252i	0.6165-0.1295i	-0.1299+0.2425i	-0.1694-0.1100i	-0.0087-0.3208i	0.2082+0.2356i
7.4	1.4807+0.5255i	0.5305-0.4389i	-0.0308+0.0341i	0.6587-0.1906i	0.0840+0.1446i	-0.0973+0.1466i	-0.1961-0.0559i	0.1877-0.0800i
7.5	1.5162+0.2236i	0.5314-0.2572i	-0.0195+0.0258i	0.6923-0.2039i	0.1184+0.0236i	0.0267+0.1050i	-0.1362+0.0504i	0.0602-0.0777i
7.6	1.4975+0.0217i	0.6095-0.1231i	-0.0167+0.0152i	0.7689-0.2043i	0.1197-0.0721i	0.0695+0.0342i	-0.1027+0.0947i	0.0046-0.0304i
7.7	1.4848-0.0676i	0.6978-0.0924i	-0.0192+0.0127i	0.8456-0.2332i	0.1003-0.1216i	0.0646+0.0028i	-0.0914+0.1199i	-0.0020-0.0097i
7.8	1.4946-0.1629i	0.7785-0.1069i	-0.0178+0.0170i	0.9231-0.3241i	0.0503-0.1665i	0.0491-0.0132i	-0.0557+0.1566i	0.0044+0.0025i
7.9	1.5398-0.2416i	0.7940-0.1406i	-0.0231+0.0128i	0.9715-0.4049i	0.0455-0.2122i	0.0629-0.0356i	-0.0557+0.1980i	-0.0045+0.0207i
8.0	1.5860-0.3106i	0.8038-0.1336i	-0.0248+0.0122i	1.0124-0.4462i	0.0071-0.2817i	0.0333-0.0796i	-0.0310+0.2677i	0.0216+0.0495i
8.1	1.6262-0.3821i	0.8538-0.1468i	-0.0164+0.0123i	1.0656-0.5043i	-0.0996-0.2894i	-0.0210-0.0394i	0.0714+0.2936i	0.0608+0.0053i
8.2	1.7091-0.4361i	0.8824-0.1402i	-0.0094+0.0085i	1.1386-0.5291i	-0.1555-0.2811i	-0.0147-0.0112i	0.1314+0.2906i	0.0484-0.0259i
8.3	1.8368-0.5259i	0.9262-0.1415i	-0.0126+0.0040i	1.2689-0.5912i	-0.2226-0.2687i	-0.0174-0.0029i	0.1940+0.2809i	0.0443-0.0354i
8.4	1.9548-0.5776i	0.9727-0.1444i	-0.0158+0.0067i	1.3906-0.6353i	-0.2726-0.2482i	-0.0153+0.0048i	0.2433+0.2648i	0.0365-0.0449i
8.5	2.1681-0.7209i	1.0629-0.1757i	-0.0167+0.0057i	1.6037-0.7654i	-0.3551-0.1820i	-0.0006+0.0226i	0.3280+0.2059i	0.0124-0.0589i
8.6	2.3719-0.8828i	1.1326-0.2178i	-0.0203+0.0013i	1.7990-0.9161i	-0.4023-0.1368i	0.0234+0.0217i	0.3778+0.1625i	-0.0171-0.0542i
8.7	2.6490-1.1654i	1.2036-0.3065i	-0.0288-0.0009i	2.0554-1.1913i	-0.4466-0.0618i	0.0309-0.0072i	0.4189+0.1016i	-0.0268-0.0192i
8.8	2.9937-1.5034i	1.3081-0.4029i	-0.0316+0.0019i	2.3806-1.5289i	-0.4976+0.0318i	0.0444-0.0368i	0.4706+0.0467i	-0.0406+0.0159i
8.9	3.2582-2.0253i	1.3813-0.5403i	-0.0178+0.0078i	2.5987-2.0328i	-0.4716+0.1149i	-0.0210-0.0568i	0.5222-0.0233i	0.0336+0.0352i
9.0	3.3282-2.9818i	1.4003-0.8015i	-0.0206-0.0203i	2.6056-2.9587i	-0.4573+0.1991i	-0.0463+0.0611i	0.5436-0.2184i	0.0599-0.0885i
9.1	3.1763-3.3955i	1.3467-0.9065i	-0.0485-0.0306i	2.3639-3.3149i	-0.4476+0.2456i	0.0525+0.0868i	0.4509-0.3138i	-0.0370-0.1155i
9.2	3.8524-4.7534i	1.5390-1.2574i	-0.0706-0.0104i	2.9872-4.4567i	-0.5406+0.3963i	0.0869-0.0138i	0.4982-0.3859i	-0.0619-0.0216i
9.3	2.7342-7.2478i	1.2440-1.9132i	-0.0893+0.0153i	1.9770-6.7305i	-0.4460+0.6941i	0.0484-0.0406i	0.4279-0.6583i	-0.0378-0.0066i
9.4	-0.1889-8.9484i	0.4741-2.3650i	-0.0918+0.0492i	-0.7202-8.2717i	-0.1402+0.9278i	0.0184-0.0546i	0.1438-0.8855i	-0.0240-0.0000i
9.5	-3.3721-7.0759i	-0.3724-1.8685i	-0.0654+0.0757i	-3.6430-6.5176i	0.2490+0.7685i	-0.0031-0.0232i	-0.2261-0.7357i	-0.0173-0.0145i
9.6	-4.3193-4.7981i	-0.6275-1.2609i	-0.0453+0.0773i	-4.4962-4.4045i	0.3926+0.5287i	0.0050-0.0054i	-0.3663-0.5099i	-0.0282-0.0171i
9.7	-4.2437-3.3352i	-0.6077-0.8614i	-0.0312+0.0806i	-4.4176-3.0478i	0.4198+0.3680i	0.0141-0.0084i	-0.3963-0.3578i	-0.0319-0.0053i
9.8	-3.8853-2.4541i	-0.5078-0.6245i	-0.0186+0.0784i	-4.0822-2.2327i	0.4029+0.2603i	0.0199-0.0114i	-0.3807-0.2495i	-0.0303-0.0010i
9.9	-3.4025-1.6710i	-0.3710-0.4122i	-0.0013+0.0726i	-3.6314-1.5118i	0.3606+0.1587i	0.0223-0.0163i	-0.3406-0.1509i	-0.0264+0.0070i
10.0	-3.0333-1.2850i	-0.2711-0.3128i	0.0074+0.0633i	-3.2914-1.1590i	0.3250+0.1018i	0.0161-0.0267i	-0.2991-0.1040i	-0.0174+0.0097i
10.1	-2.6900-1.0452i	-0.1754-0.2502i	0.0145+0.0509i	-2.9749-0.9390i	0.2925+0.0640i	0.0123-0.0238i	-0.2684-0.0651i	-0.0178+0.0052i
10.2	-2.3913-0.8895i	-0.0921-0.1989i	0.0197+0.0486i	-2.7064-0.7916i	0.2694+0.0397i	0.0135-0.0238i	-0.2457-0.0420i	-0.0179+0.0113i
10.3	-2.2093-0.8527i	-0.0351-0.1804i	0.0215+0.0444i	-2.5439-0.7519i	0.2417+0.0164i	0.0094-0.0294i	-0.2203-0.0270i	-0.0137+0.0142i
10.4	-2.0833-0.7831i	0.0093-0.1577i	0.0231+0.0397i	-2.4319-0.6824i	0.2024+0.0046i	-0.0003-0.0332i	-0.1949-0.0228i	-0.0047+0.0151i
10.5	-2.0146-0.6967i	0.0426-0.1336i	0.0369+0.0397i	-2.3688-0.5987i	0.1865+0.0000i	-0.0036-0.0271i	-0.1922-0.0184i	0.0005+0.0114i
10.6	-1.9375-0.6102i	0.0670-0.1206i	0.0368+0.0286i	-2.3012-0.5229i	0.1774+0.0058i	-0.0058-0.0234i	-0.1861-0.0135i	0.0034+0.0114i
10.7	-1.8321-0.5104i	0.1052-0.1018i	0.0439+0.0174i	-2.2082-0.4376i	0.1645+0.0127i	-0.0107-0.0193i	-0.1748-0.0041i	0.0044+0.0100i
10.8	-1.7355-0.4469i	0.1320-0.0869i	0.0509+0.0066i	-2.1264-0.3792i	0.1609+0.0148i	-0.0085-0.0143i	-0.1733+0.0029i	0.0018+0.0069i
10.9	-1.6233-0.3829i	0.1659-0.0657i	0.0552-0.0075i	-2.0323-0.3225i	0.1546+0.0223i	-0.0054-0.0103i	-0.1702+0.0124i	0.0001+0.0035i
11.0	-1.5426-0.3590i	0.1915-0.0630i	0.0509-0.0241i	-1.9723-0.2998i	0.1584+0.0211i	-0.0048-0.0125i	-0.1638+0.0202i	0.0029+0.0044i
11.1	-1.4609-0.3346i	0.2191-0.0565i	0.0431-0.0442i	-1.9097-0.2719i	0.1571+0.0251i	-0.0077-0.0115i	-0.1543+0.0295i	0.0064+0.0023i
11.2	-1.4070-0.3189i	0.2330-0.0505i	0.0247-0.0456i	-1.8716-0.2561i	0.1621+0.0255i	-0.0068-0.0097i	-0.1429+0.0289i	0.0081+0.0008i
11.3	-1.3498-0.2824i	0.2503-0.0359i	0.0105-0.0400i	-1.8224-0.2250i	0.1708+0.0164i	-0.0053-0.0070i	-0.1298+0.0209i	0.0060+0.0007i
11.4	-1.2956-0.2623i	0.2705-0.0276i	0.0080-0.0381i	-1.7840-0.2039i	0.1773+0.0129i	-0.0026-0.0069i	-0.1276+0.0126i	0.0042+0.0019i
11.5	-1.2416-0.2517i	0.2884-0.0295i	0.0005-0.0423i	-1.7528-0.1939i	0.1818+0.0128i	-0.0019-0.0043i	-0.1279+0.0082i	0.0023+0.0000i
11.6	-1.1932-0.2337i	0.3040-0.0297i	-0.0054-0.0478i	-1.7233-0.1811i	0.1930+0.0042i	0.0018-0.0053i	-0.1328+0.0043i	0.0011-0.0014i
11.7	-1.1490-0.2269i	0.3219-0.0312i	-0.0097-0.0482i	-1.6955-0.1700i	0.1996-0.0012i	0.0042-0.0067i	-0.1314+0.0025i	-0.0008+0.0001i
11.8	-1.0982-0.2199i	0.3398-0.0302i	-0.0145-0.0467i	-1.6714-0.1675i	0.2000-0.0083i	0.0036-0.0052i	-0.1307+0.0020i	0.0004-0.0018i
11.9	-1.0475-0.2126i	0.3538-0.0259i	-0.0176-0.0502i	-1.6468-0.1591i	0.2018-0.0196i	0.0048-0.0021i	-0.1381-0.0020i	0.0040-0.0023i

12.0	-1.0154-0.2117i	0.3685-0.0227i	-0.0122-0.0479i	-1.6275-0.1486i	0.2073-0.0282i	0.0071-0.0035i	-0.1439-0.0028i	0.0027-0.0008i
12.1	-0.9715-0.2174i	0.3832-0.0257i	-0.0155-0.0560i	-1.6176-0.1505i	0.2084-0.0443i	0.0091-0.0075i	-0.1571-0.0111i	0.0017+0.0008i
12.2	-0.9331-0.2299i	0.3962-0.0254i	-0.0221-0.0615i	-1.6042-0.1550i	0.2059-0.0604i	0.0144-0.0108i	-0.1716-0.0173i	-0.0012+0.0042i
12.3	-0.9027-0.2395i	0.4068-0.0252i	-0.0397-0.0696i	-1.6124-0.1584i	0.1926-0.0687i	0.0167-0.0109i	-0.1889-0.0136i	-0.0025+0.0060i
12.4	-0.8802-0.2594i	0.4257-0.0334i	-0.0493-0.0695i	-1.6195-0.1657i	0.1787-0.0647i	0.0181-0.0160i	-0.2049-0.0021i	-0.0025+0.0138i
12.5	-0.8665-0.2807i	0.4377-0.0358i	-0.0566-0.0620i	-1.6334-0.1683i	0.1730-0.0609i	0.0156-0.0269i	-0.2128+0.0134i	0.0012+0.0201i
12.6	-0.8695-0.2925i	0.4409-0.0371i	-0.0654-0.0567i	-1.6657-0.1573i	0.1812-0.0621i	0.0101-0.0334i	-0.2171+0.0405i	0.0103+0.0203i
12.7	-0.8802-0.2928i	0.4491-0.0358i	-0.0694-0.0553i	-1.6997-0.1265i	0.1938-0.0643i	-0.0020-0.0300i	-0.2219+0.0624i	0.0256+0.0164i
12.8	-0.8777-0.2829i	0.4594-0.0360i	-0.0721-0.0586i	-1.7290-0.1013i	0.2052-0.0658i	-0.0072-0.0298i	-0.2302+0.0665i	0.0323+0.0188i
12.9	-0.8574-0.2624i	0.4736-0.0375i	-0.0866-0.0678i	-1.7536-0.0558i	0.2156-0.0720i	-0.0088-0.0242i	-0.2316+0.0818i	0.0366+0.0080i
13.0	-0.8460-0.2606i	0.4703-0.0310i	-0.1121-0.0548i	-1.7548-0.0130i	0.2189-0.0823i	-0.0150-0.0217i	-0.2367+0.0982i	0.0461+0.0013i
13.1	-0.8259-0.2486i	0.4823-0.0357i	-0.1354-0.0444i	-1.7427+0.0290i	0.2060-0.1151i	-0.0202-0.0242i	-0.2137+0.1265i	0.0483-0.0010i
13.2	-0.8104-0.2529i	0.4913-0.0476i	-0.1516-0.0255i	-1.7319+0.0845i	0.2108-0.1332i	-0.0155-0.0254i	-0.2037+0.1456i	0.0413-0.0092i
13.3	-0.7920-0.2636i	0.4968-0.0493i	-0.1527+0.0266i	-1.6978+0.1409i	0.1907-0.1547i	-0.0206-0.0212i	-0.1783+0.1667i	0.0444-0.0174i
13.4	-0.7815-0.2558i	0.4921-0.0419i	-0.1402+0.0707i	-1.6648+0.1716i	0.1740-0.1628i	-0.0371-0.0218i	-0.1657+0.1679i	0.0571-0.0201i
13.5	-0.7647-0.2468i	0.4995-0.0349i	-0.1169+0.0827i	-1.6385+0.1773i	0.1528-0.1573i	-0.0452-0.0135i	-0.1478+0.1595i	0.0608-0.0278i
13.6	-0.7542-0.2339i	0.5051-0.0204i	-0.0717+0.0847i	-1.5898+0.1552i	0.1324-0.1410i	-0.0432-0.0066i	-0.1212+0.1409i	0.0539-0.0288i
13.7	-0.7243-0.2297i	0.5234-0.0174i	-0.0463+0.0619i	-1.5752+0.1378i	0.1349-0.1329i	-0.0362+0.0050i	-0.1112+0.1329i	0.0405-0.0375i
13.8	-0.7040-0.2382i	0.5328-0.0163i	-0.0348+0.0485i	-1.5585+0.1358i	0.1394-0.1264i	-0.0355+0.0192i	-0.1098+0.1290i	0.0371-0.0520i
13.9	-0.6875-0.2508i	0.5345-0.0161i	-0.0287+0.0381i	-1.5297+0.1150i	0.1314-0.1168i	-0.0333+0.0267i	-0.1027+0.1076i	0.0329-0.0572i
14.0	-0.6578-0.2653i	0.5475-0.0026i	-0.0350+0.0333i	-1.5427+0.0811i	0.1502-0.1106i	-0.0295+0.0248i	-0.1200+0.0890i	0.0360-0.0514i
14.1	-0.6317-0.2695i	0.5659+0.0281i	-0.0346+0.0357i	-1.5669+0.0249i	0.1609-0.0974i	-0.0331+0.0401i	-0.1372+0.0832i	0.0440-0.0622i
14.2	-0.6213-0.2906i	0.5929+0.0557i	-0.0260+0.0472i	-1.6144-0.0164i	0.1677-0.0804i	-0.0243+0.0635i	-0.1481+0.0817i	0.0369-0.0885i
14.3	-0.6116-0.3285i	0.6407+0.0385i	-0.0110+0.0476i	-1.6816-0.0083i	0.1906-0.0765i	-0.0187+0.0715i	-0.1681+0.0736i	0.0281-0.0981i
14.4	-0.6143-0.3448i	0.6809+0.0076i	0.0109+0.0296i	-1.7321+0.0209i	0.2187-0.0875i	0.0056+0.0731i	-0.1842+0.0730i	0.0075-0.0968i
14.5	-0.5977-0.3486i	0.7017-0.0174i	0.0158+0.0043i	-1.7711+0.0496i	0.2387-0.0994i	0.0275+0.0718i	-0.1926+0.0832i	-0.0122-0.0971i
14.6	-0.5764-0.3740i	0.7116-0.0410i	0.0108-0.0133i	-1.8049+0.0708i	0.2576-0.1157i	0.0301+0.0670i	-0.2157+0.0886i	-0.0097-0.0936i
14.7	-0.5689-0.4360i	0.7204-0.0683i	-0.0019-0.0301i	-1.8394+0.0999i	0.2768-0.1340i	0.0379+0.0759i	-0.2431+0.0964i	-0.0106-0.1087i
14.8	-0.5947-0.4910i	0.7238-0.0890i	-0.0072-0.0429i	-1.8722+0.1163i	0.2839-0.1678i	0.0584+0.0750i	-0.2565+0.1068i	-0.0250-0.1100i
14.9	-0.6654-0.4987i	0.7069-0.1025i	-0.0175-0.0553i	-1.8897+0.1254i	0.2710-0.1794i	0.0739+0.0719i	-0.2655+0.1169i	-0.0421-0.1070i
15.0	-0.7347-0.4586i	0.6998-0.0960i	-0.0354-0.0576i	-1.9383+0.1460i	0.2780-0.2050i	0.0989+0.0602i	-0.2900+0.1527i	-0.0646-0.1062i
15.1	-0.7607-0.3997i	0.7046-0.0878i	-0.0458-0.0561i	-2.0011+0.1776i	0.2998-0.2128i	0.1151+0.0510i	-0.3178+0.1964i	-0.0767-0.1077i
15.2	-0.7484-0.3589i	0.7211-0.0889i	-0.0433-0.0603i	-2.0414+0.2164i	0.3125-0.2230i	0.1243+0.0337i	-0.3194+0.2204i	-0.0864-0.0919i
15.3	-0.7287-0.3341i	0.7226-0.0995i	-0.0574-0.0644i	-2.0567+0.2688i	0.2981-0.2572i	0.1221+0.0116i	-0.2993+0.2495i	-0.0893-0.0711i
15.4	-0.7038-0.3070i	0.7290-0.1037i	-0.0717-0.0659i	-2.1144+0.3109i	0.3110-0.2926i	0.1096+0.0100i	-0.3142+0.2945i	-0.0767-0.0816i
15.5	-0.6654-0.3039i	0.7403-0.1151i	-0.0825-0.0789i	-2.1462+0.3616i	0.3140-0.3223i	0.1237+0.0033i	-0.2927+0.3156i	-0.0957-0.0806i
15.6	-0.6383-0.3042i	0.7479-0.1283i	-0.1038-0.0939i	-2.1671+0.4132i	0.2873-0.3600i	0.1282-0.0065i	-0.2663+0.3485i	-0.1021-0.0705i
15.7	-0.6071-0.3030i	0.7614-0.1269i	-0.1230-0.0960i	-2.2178+0.4501i	0.2817-0.3887i	0.1372-0.0274i	-0.2540+0.3604i	-0.1116-0.0505i
15.8	-0.5648-0.3076i	0.7833-0.1308i	-0.1247-0.0971i	-2.2667+0.5128i	0.3027-0.4081i	0.1479-0.0457i	-0.2576+0.3694i	-0.1208-0.0413i
15.9	-0.5391-0.3418i	0.7857-0.1475i	-0.1528-0.0916i	-2.3107+0.6169i	0.3273-0.4834i	0.1675-0.0576i	-0.2767+0.4180i	-0.1394-0.0450i
16.0	-0.5226-0.3854i	0.7834-0.1706i	-0.1860-0.0785i	-2.3100+0.7447i	0.2900-0.5929i	0.1646-0.0939i	-0.2658+0.4820i	-0.1434-0.0226i
16.1	-0.5405-0.4113i	0.7675-0.1875i	-0.2086-0.0676i	-2.2427+0.8398i	0.1899-0.6460i	0.1395-0.1185i	-0.2167+0.5271i	-0.1335-0.0068i
16.2	-0.5554-0.3984i	0.7474-0.1734i	-0.2335-0.0455i	-2.1580+0.8519i	0.0583-0.6366i	0.1146-0.1231i	-0.1329+0.5498i	-0.1324-0.0004i
16.3	-0.5318-0.3684i	0.7439-0.1523i	-0.2568-0.0201i	-2.1470+0.8245i	-0.0212-0.5926i	0.1000-0.1389i	-0.0761+0.5550i	-0.1323+0.0233i
16.4	-0.4743-0.3746i	0.7620-0.1510i	-0.2743+0.0125i	-2.1842+0.8026i	-0.0501-0.5238i	0.0742-0.1449i	-0.0348+0.5274i	-0.1113+0.0381i
16.5	-0.4217-0.4185i	0.7776-0.1488i	-0.2818+0.0569i	-2.2633+0.7903i	-0.0276-0.4517i	0.0790-0.1338i	-0.0104+0.4753i	-0.1203+0.0383i
16.6	-0.3968-0.4719i	0.7918-0.1449i	-0.2465+0.0988i	-2.3507+0.8493i	0.0475-0.4810i	0.1047-0.1586i	-0.0199+0.4842i	-0.1379+0.0642i
16.7	-0.3904-0.5318i	0.8036-0.1412i	-0.2181+0.1227i	-2.4034+0.9780i	0.0415-0.6338i	0.0927-0.2231i	0.0131+0.5597i	-0.1243+0.1149i
16.8	-0.4220-0.5744i	0.8118-0.1304i	-0.2052+0.1320i	-2.3506+1.0108i	-0.2104-0.6290i	-0.0081-0.2015i	0.1731+0.4975i	-0.0420+0.0950i
16.9	-0.4309-0.5671i	0.8201-0.1193i	-0.2101+0.1599i	-2.3973+0.9520i	-0.3003-0.4371i	-0.0177-0.1356i	0.1999+0.3729i	-0.0434+0.0532i
17.0	-0.3839-0.5888i	0.8686-0.1172i	-0.1974+0.1876i	-2.6190+1.0887i	-0.1405-0.3288i	0.0370-0.1372i	0.0810+0.3657i	-0.0801+0.0605i
17.1	-0.3692-0.6714i	0.8916-0.1561i	-0.1526+0.1780i	-2.6895+1.4346i	-0.0026-0.4934i	0.0323-0.1953i	0.0234+0.5116i	-0.0558+0.0849i
17.2	-0.3970-0.7329i	0.8994-0.1366i	-0.1213+0.1508i	-2.6297+1.5161i	-0.1291-0.4473i	-0.0180-0.1610i	0.1257+0.3630i	-0.0193+0.0724i
17.3	-0.4040-0.7555i	0.9393-0.1341i	-0.1289+0.1369i	-2.7415+1.6239i	-0.1106-0.3779i	-0.0057-0.1491i	0.0188+0.2929i	-0.0089+0.0694i
17.4	-0.4474-0.7831i	0.9575-0.1716i	-0.1431+0.1451i	-2.6860+1.9753i	-0.0445-0.4286i	0.0346-0.1572i	-0.0566+0.5080i	-0.0373+0.0244i
17.5	-0.4793-0.7987i	0.9545-0.1776i	-0.1280+0.1436i	-2.4722+2.1156i	-0.0487-0.4972i	0.0297-0.1765i	0.0796+0.5605i	-0.0588+0.0253i
17.6	-0.5133-0.8202i	0.9667-0.1714i	-0.1193+0.1214i	-2.2850+2.2134i	-0.0861-0.5797i	-0.0075-0.2100i	0.1687+0.5198i	-0.0360+0.0519i
17.7	-0.5250-0.8226i	1.0002-0.1568i	-0.1141+0.1145i	-2.1982+2.2591i	-0.1503-0.5880i	-0.0333-0.1950i	0.1892+0.4754i	-0.0228+0.0305i
17.8	-0.5334-0.8340i	1.0329-0.1856i	-0.1177+0.1195i	-2.0280+2.3371i	-0.2582-0.5779i	-0.0539-0.1826i	0.2160+0.4620i	-0.0301+0.0167i
17.9	-0.5283-0.8404i	1.0580-0.2033i	-0.1265+0.1147i	-1.9134+2.3983i	-0.2998-0.5577i	-0.0546-0.1903i	0.2349+0.4403i	-0.0531+0.0190i
18.0	-0.5413-0.8640i	1.0872-0.2149i	-0.1438+0.1051i	-1.8238+2.4326i	-0.3216-0.5276i	-0.0568-0.1885i	0.2368+0.4005i	-0.0571+0.0235i
18.1	-0.5630-0.8642i	1.1065-0.2377i	-0.1641+0.1088i	-1.7349+2.4131i	-0.3066-0.4886i	-0.0475-0.1892i	0.2054+0.3526i	-0.0713+0.0363i
18.2	-0.5835-0.8370i	1.1034-0.2516i	-0.1775+0.1207i	-1.6385+2.3499i	-0.3125-0.4510i	-0.0609-0.2060i	0.1799+0.3216i	-0.0691+0.0495i

18.3	-0.5679-0.7870i	1.1231-0.2741i	-0.1653+0.1280i	-1.5440+2.3045i	-0.3278-0.4089i	-0.0791-0.2045i	0.1823+0.3323i	-0.0692+0.0373i
18.4	-0.5199-0.7071i	1.1150-0.2678i	-0.1509+0.1703i	-1.3514+2.2301i	-0.3818-0.3689i	-0.1146-0.1892i	0.2054+0.3636i	-0.0763+0.0176i
18.5	-0.3814-0.6139i	1.1287-0.2264i	-0.1425+0.1992i	-1.1568+1.9958i	-0.3972-0.3335i	-0.1471-0.1666i	0.1845+0.3697i	-0.0950+0.0088i
18.6	-0.0123-0.7393i	1.2600-0.1868i	-0.1117+0.1719i	-1.4679+1.4533i	-0.3475-0.2783i	-0.1442-0.1248i	0.1865+0.3786i	-0.1321+0.0696i
18.7	0.0521-1.1358i	1.3788-0.3060i	-0.1493+0.1370i	-2.1846+1.6231i	-0.2768-0.3038i	-0.1070-0.1396i	0.1986+0.3437i	-0.0930+0.1369i
18.8	-0.0789-1.3599i	1.3927-0.4256i	-0.1808+0.1395i	-2.4559+2.1169i	-0.2482-0.3540i	-0.0999-0.1549i	0.1606+0.3596i	-0.0409+0.1231i
18.9	-0.1786-1.4945i	1.3961-0.5412i	-0.2018+0.1758i	-2.4517+2.6144i	-0.2791-0.4017i	-0.1147-0.1701i	0.1422+0.4136i	-0.0220+0.1022i
19.0	-0.2134-1.5983i	1.3966-0.6222i	-0.2113+0.2111i	-2.4288+2.9677i	-0.3289-0.4539i	-0.1360-0.1864i	0.1454+0.4617i	-0.0158+0.0930i
19.1	-0.2926-1.7129i	1.3586-0.6995i	-0.2258+0.2482i	-2.2864+3.3272i	-0.3519-0.4742i	-0.1594-0.1888i	0.1757+0.4897i	-0.0024+0.0902i
19.2	-0.4148-1.8354i	1.3049-0.7836i	-0.2359+0.2968i	-2.0871+3.6674i	-0.3928-0.4715i	-0.1846-0.1778i	0.2160+0.4918i	0.0123+0.0694i
19.3	-0.5419-1.9457i	1.2606-0.8507i	-0.2329+0.3286i	-1.8611+3.9600i	-0.4494-0.4822i	-0.2054-0.1553i	0.2512+0.5295i	0.0139+0.0358i
19.4	-0.7257-2.0195i	1.1760-0.9307i	-0.2202+0.3922i	-1.4404+4.2306i	-0.5353-0.4821i	-0.2164-0.1523i	0.3092+0.4929i	-0.0048+0.0359i
19.5	-0.9013-2.0113i	1.0528-0.9534i	-0.1967+0.4699i	-0.9562+4.3670i	-0.5900-0.4355i	-0.2161-0.1497i	0.3403+0.4722i	-0.0396+0.0411i
19.6	-1.0168-1.9928i	0.9425-0.9517i	-0.1498+0.5525i	-0.4857+4.4658i	-0.6295-0.3900i	-0.2056-0.1594i	0.3655+0.4805i	-0.0734+0.0653i
19.7	-1.1169-2.0147i	0.8523-0.9536i	-0.0646+0.6150i	0.0379+4.5871i	-0.6824-0.3554i	-0.2159-0.1779i	0.3828+0.4855i	-0.0858+0.0990i
19.8	-1.2352-2.0063i	0.7398-0.9322i	0.0636+0.6241i	0.6364+4.5077i	-0.7535-0.2749i	-0.2494-0.1712i	0.4300+0.5115i	-0.0704+0.1158i
19.9	-1.3126-1.9444i	0.6552-0.8428i	0.1679+0.5757i	1.0998+4.0761i	-0.7378-0.1484i	-0.2739-0.1517i	0.4918+0.4839i	-0.0559+0.1369i
20.0	-1.3652-1.8811i	0.5577-0.7433i	0.2498+0.5244i	1.5301+3.6080i	-0.7154-0.0564i	-0.2995-0.1327i	0.5656+0.4518i	-0.0434+0.1440i
20.1	-1.3719-1.8701i	0.5210-0.6318i	0.2932+0.4206i	1.6628+3.1800i	-0.6648-0.0154i	-0.3200-0.0966i	0.5835+0.3964i	-0.0191+0.1295i
20.2	-1.3952-1.9064i	0.5088-0.5243i	0.2791+0.3195i	1.7002+2.8297i	-0.6364-0.0074i	-0.3211-0.0791i	0.5518+0.3409i	-0.0160+0.1450i
20.3	-1.4103-1.9217i	0.4939-0.3869i	0.2598+0.2427i	1.7767+2.4879i	-0.6398+0.0181i	-0.3064-0.0574i	0.5364+0.3460i	-0.0432+0.1450i
20.4	-1.3868-1.9837i	0.4908-0.3116i	0.2702+0.2358i	1.8447+2.2452i	-0.6302+0.0579i	-0.3086-0.0579i	0.5454+0.3346i	-0.0453+0.1827i
20.5	-1.4110-2.0708i	0.4942-0.1994i	0.2637+0.2166i	1.9434+1.9023i	-0.6183+0.1009i	-0.3201-0.0734i	0.5608+0.3291i	-0.0319+0.2404i
20.6	-1.4493-2.1849i	0.5290-0.0360i	0.2358+0.1845i	1.9386+1.4160i	-0.6044+0.1749i	-0.3387-0.0691i	0.5889+0.3368i	-0.0041+0.2886i
20.7	-1.5904-2.3346i	0.6094+0.1029i	0.2105+0.2065i	1.8020+1.0917i	-0.5255+0.2262i	-0.3613-0.0734i	0.6200+0.3630i	0.0689+0.3346i
20.8	-1.7456-2.4194i	0.7269+0.2014i	0.3024+0.2845i	1.5844+0.7784i	-0.4464+0.2692i	-0.4138-0.0413i	0.6868+0.3205i	0.1912+0.3189i
20.9	-1.9322-2.4971i	0.9043+0.3293i	0.4420+0.2319i	1.4189+0.5355i	-0.4784+0.2127i	-0.4528-0.0398i	0.7440+0.2559i	0.2758+0.3194i
21.0	-2.0865-2.5871i	1.0251+0.3967i	0.4561+0.0935i	1.2103+0.3244i	-0.3536+0.2020i	-0.4948+0.0052i	0.7574+0.2305i	0.3616+0.2595i
21.1	-2.3626-2.5825i	1.2501+0.4685i	0.3955-0.0869i	0.9219+0.0653i	-0.3035+0.1646i	-0.5264+0.0673i	0.8001+0.1455i	0.4489+0.1643i
21.2	-2.6355-2.5427i	1.4513+0.4856i	0.2281-0.1820i	0.6402-0.0467i	-0.2716+0.1221i	-0.5289+0.1389i	0.8189+0.0544i	0.4696+0.0448i
21.3	-2.8237-2.4795i	1.6522+0.4460i	0.1630-0.2143i	0.3675-0.1812i	-0.2790+0.1132i	-0.5144+0.1917i	0.8089-0.0200i	0.4536-0.0316i
21.4	-3.0643-2.3597i	1.8142+0.3978i	0.0787-0.2347i	-0.0351-0.2469i	-0.2667+0.1092i	-0.5167+0.2793i	0.7814-0.1135i	0.4773-0.1574i
21.5	-3.1887-2.2235i	1.9288+0.3285i	0.0270-0.2901i	-0.2284-0.2049i	-0.2451+0.1179i	-0.4920+0.3556i	0.7427-0.1756i	0.4393-0.2823i
21.6	-3.2688-2.0544i	2.0727+0.2149i	-0.0491-0.1732i	-0.3823-0.1503i	-0.2156+0.0855i	-0.4185+0.3858i	0.6759-0.2472i	0.3362-0.3316i
21.7	-3.3934-1.9300i	2.1789+0.1347i	-0.1103-0.1373i	-0.6608-0.1914i	-0.1658+0.0306i	-0.3596+0.4135i	0.6210-0.2733i	0.2626-0.3821i
21.8	-3.4395-1.7761i	2.2784+0.0392i	-0.1745-0.1208i	-0.7673-0.1787i	-0.1750-0.0378i	-0.2800+0.4379i	0.5328-0.2562i	0.1275-0.4368i
21.9	-3.5601-1.6878i	2.3530-0.0325i	-0.2250-0.0792i	-1.1055-0.0488i	-0.2201-0.0788i	-0.2412+0.4555i	0.4422-0.2820i	0.0618-0.4613i
22.0	-3.6087-1.5728i	2.4403-0.1386i	-0.2433-0.0342i	-1.3104+0.0397i	-0.2439-0.1327i	-0.2017+0.4524i	0.3804-0.2913i	-0.0185-0.4722i
22.1	-3.6273-1.4880i	2.4903-0.2067i	-0.2518-0.0310i	-1.4124+0.2684i	-0.2833-0.1481i	-0.1525+0.4465i	0.3246-0.2729i	-0.1087-0.4601i
22.2	-3.6540-1.4653i	2.5650-0.3376i	-0.3014+0.1018i	-1.6199+0.3803i	-0.3585-0.1403i	-0.1016+0.3973i	0.2793-0.2329i	-0.2215-0.3373i
22.3	-3.7292-1.3751i	2.6021-0.3777i	-0.2821+0.1378i	-1.5836+0.4663i	-0.3965-0.1133i	-0.0743+0.3416i	0.2618-0.1725i	-0.2587-0.2421i
22.4	-3.8096-1.2400i	2.6477-0.4014i	-0.2820+0.1315i	-1.5808+0.5630i	-0.4135-0.0929i	-0.0572+0.3137i	0.2349-0.1089i	-0.2830-0.1919i
22.5	-3.8550-1.1397i	2.7301-0.4244i	-0.2802+0.1483i	-1.6645+0.5771i	-0.4412-0.0962i	-0.0730+0.2796i	0.2345-0.0707i	-0.2644-0.1322i
22.6	-3.9221-1.0087i	2.8170-0.4353i	-0.2479+0.1479i	-1.7749+0.6172i	-0.4989-0.0991i	-0.0760+0.2421i	0.2105-0.0150i	-0.2873-0.0698i
22.7	-3.9219-0.9371i	2.9333-0.4595i	-0.2769+0.2040i	-1.9287+0.5401i	-0.5369-0.0895i	-0.0890+0.1981i	0.2555+0.0296i	-0.2829+0.0029i
22.8	-3.9291-0.8817i	3.1049-0.5125i	-0.2660+0.2248i	-2.1933+0.5278i	-0.5941-0.0327i	-0.1517+0.1916i	0.3684+0.0567i	-0.1897+0.0160i
22.9	-3.9179-0.8010i	3.2378-0.6327i	-0.2767+0.2188i	-2.3559+0.7943i	-0.6038+0.0630i	-0.1919+0.2685i	0.4033+0.0022i	-0.1557-0.0864i
23.0	-3.9419-0.7956i	3.3590-0.7600i	-0.2547+0.2827i	-2.4743+1.0045i	-0.5690+0.1601i	-0.1294+0.3002i	0.3269-0.0337i	-0.2706-0.0821i
23.1	-4.0726-0.7222i	3.4753-0.8085i	-0.1861+0.2650i	-2.6887+1.1044i	-0.5425+0.1676i	-0.1669+0.2582i	0.3525-0.0099i	-0.1871-0.0244i
23.2	-4.0573-0.6106i	3.6387-0.8977i	-0.2077+0.2368i	-2.8081+1.2613i	-0.5555+0.1716i	-0.1809+0.2995i	0.3573-0.0466i	-0.2315-0.0635i
23.3	-3.9984-0.5711i	3.8018-1.0126i	-0.2661+0.2371i	-2.8951+1.3820i	-0.5423+0.2194i	-0.1531+0.3058i	0.3228-0.0099i	-0.3205-0.0347i
23.4	-3.9889-0.5696i	3.9961-1.1204i	-0.2846+0.2504i	-3.0304+1.5307i	-0.5351+0.3036i	-0.1655+0.3055i	0.3246+0.0596i	-0.3495+0.0278i
23.5	-4.0462-0.5600i	4.1972-1.3039i	-0.2764+0.3053i	-3.1872+1.7406i	-0.5458+0.3607i	-0.1994+0.3213i	0.3504+0.0720i	-0.3262+0.0759i
23.6	-4.0975-0.5401i	4.4105-1.5629i	-0.2687+0.2743i	-3.2956+2.0677i	-0.4868+0.4028i	-0.2484+0.3294i	0.3895+0.0762i	-0.2567+0.0943i
23.7	-4.0803-0.5827i	4.6039-1.7407i	-0.3802+0.3061i	-3.3643+2.3180i	-0.4340+0.4191i	-0.2867+0.3391i	0.3923+0.0799i	-0.2666+0.1487i
23.8	-4.1055-0.6497i	4.7444-2.0383i	-0.4187+0.3584i	-3.2729+2.4545i	-0.3832+0.4545i	-0.3313+0.3711i	0.4168+0.0836i	-0.2501+0.2035i
23.9	-4.1283-0.6873i	4.9003-2.3751i	-0.5683+0.3277i	-3.2115+2.6002i	-0.3415+0.4480i	-0.4096+0.4595i	0.4278+0.0605i	-0.1853+0.1823i
24.0	-4.2101-0.8494i	5.0842-2.7609i	-0.7711+0.6391i	-3.0717+2.8117i	-0.2233+0.4533i	-0.4436+0.6030i	0.3965+0.0072i	-0.1994+0.0653i
24.1	-4.3601-0.9725i	5.2130-3.0791i	-0.8036+0.7942i	-3.0633+2.9644i	-0.1362+0.3945i	-0.4565+0.7406i	0.3735-0.0949i	-0.2158-0.0302i
24.2	-4.5883-1.0622i	5.2605-3.4676i	-0.6326+0.8526i	-3.0761+2.9256i	-0.0877+0.2901i	-0.3876+0.8880i	0.2569-0.1176i	-0.3451-0.0345i
24.3	-4.9029-1.1274i	5.3258-3.8620i	-0.5359+1.0342i	-3.3201+2.7551i	-0.0840+0.1853i	-0.2415+1.0460i	0.0917-0.0610i	-0.5555-0.0489i
24.4	-5.3430-1.2494i	5.3804-4.3863i	-0.4899+1.2810i	-3.7518+2.4220i	-0.2262+0.0634i	-0.0602+1.1559i	-0.0659+0.2244i	-0.7826+0.1093i
24.5	-5.7558-1.2185i	5.3077-4.9854i	-0.3758+1.3829i	-4.4369+2.4699i	-0.4890+0.2022i	0.1447+1.2546i	-0.0352+0.6147i	-0.9004+0.3635i

24.6	-6.2579-1.2107i	5.2561-5.4750i	-0.2772+1.6344i	-5.2827+2.9012i	-0.5840+0.4711i	0.3706+1.2519i	0.0653+0.8983i	-0.9648+0.7859i
24.7	-7.0222-1.1449i	5.2943-6.1657i	-0.0404+1.7404i	-6.3718+3.5491i	-0.3197+0.5710i	0.5674+1.1723i	0.3883+1.2299i	-0.8137+1.2230i
24.8	-7.5594-0.7596i	5.1064-6.8340i	0.2776+1.8436i	-7.1606+4.8182i	-0.1561+0.6321i	0.6960+1.0616i	0.7395+1.3948i	-0.5232+1.5205i
24.9	-7.8567-0.4545i	4.7943-7.2964i	0.4385+1.8717i	-7.3739+6.0621i	-0.0650+0.7202i	0.7920+0.9539i	1.0029+1.4264i	-0.2654+1.7294i
25.0	-8.4877+0.0235i	4.1828-7.9243i	0.7038+1.8305i	-7.2545+7.5696i	0.2686+0.7856i	0.8892+0.7950i	1.5434+1.4351i	0.3258+1.8170i
25.1	-9.1954+0.6809i	3.5448-8.6650i	0.9758+1.7528i	-7.0583+9.1802i	0.6129+0.5978i	0.9569+0.6444i	2.1310+1.2121i	0.8582+1.7634i
25.2	-9.7800+1.6558i	2.6557-9.1877i	1.1799+1.6639i	-6.1256+10.9850i	0.6228+0.1214i	0.9596+0.4146i	2.6262+0.9127i	1.4119+1.5906i
25.3	-10.1209+2.3984i	2.0273-9.2839i	1.3356+1.5708i	-5.1939+11.9577i	0.5727-0.0301i	0.7832+0.3045i	2.9667+0.6586i	1.9714+1.2876i
25.4	-10.4194+3.7603i	1.1751-9.2483i	1.4678+1.3978i	-4.1306+13.1004i	0.6797-0.2496i	0.5400+0.3704i	3.6115-0.2240i	2.5456+0.1773i
25.5	-10.4248+4.8585i	0.7208-9.3072i	1.5096+1.2282i	-3.3296+14.0367i	0.6589-0.6776i	0.5092+0.5375i	3.6947-1.0652i	2.4565-0.8052i
25.6	-10.0232+6.3471i	0.0712-9.4279i	1.5623+1.0140i	-1.6480+15.7965i	0.4532-1.2504i	0.6679+0.7709i	3.2986-2.2308i	1.6039-1.8606i
25.7	-9.3513+7.5711i	-0.6452-9.5530i	1.6114+0.8478i	0.7313+17.3057i	-0.3070-1.6548i	0.9768+0.9336i	2.3069-3.0886i	0.2172-2.3137i
25.8	-8.6838+8.3855i	-1.4534-9.5819i	1.6113+0.8375i	3.7647+17.5286i	-1.4324-1.4530i	1.4331+0.8542i	1.1009-3.0493i	-1.1709-1.6135i
25.9	-7.7332+9.0521i	-2.1811-8.9272i	1.6130+0.8162i	6.2023+15.3092i	-1.5189+0.0354i	1.6009+0.2350i	0.9475-1.9472i	-0.8864-0.0088i
26.0	-6.9861+9.9587i	-2.6059-8.5848i	1.6532+0.7130i	7.4783+14.4587i	-0.8396+0.5610i	1.4594-0.1007i	1.3579-1.9722i	-0.1981+0.1732i
26.1	-5.5402+10.5563i	-3.0902-8.2408i	1.7616+0.5746i	9.1058+13.5069i	-0.4556+0.1674i	1.3329-0.2066i	1.1923-2.6470i	-0.3277-0.1327i
26.2	-4.5648+10.8427i	-3.5389-7.8974i	1.8562+0.4940i	10.6549+12.2930i	-0.5727-0.1906i	1.3212-0.3449i	0.6418-3.0434i	-0.6139-0.0040i
26.3	-3.4952+11.0849i	-3.8882-7.4991i	1.9263+0.2598i	12.0814+10.7810i	-0.9687-0.2462i	1.2543-0.4949i	-0.2538-3.0266i	-0.7996+0.3887i
26.4	-2.3185+10.7820i	-4.0182-6.9471i	1.8304+0.0832i	12.4518+8.6620i	-1.0976+0.0493i	1.1175-0.6121i	-0.7111-2.5751i	-0.5503+0.8611i
26.5	-1.1663+10.6581i	-4.2134-6.5011i	1.7100-0.1455i	12.6368+6.6449i	-1.1458+0.3152i	0.9918-0.7030i	-1.0026-2.1356i	-0.2424+1.1897i
26.6	-0.3222+10.6380i	-4.3928-6.2527i	1.6611-0.3081i	12.9119+5.3556i	-1.2225+0.5244i	0.8647-0.8010i	-1.2073-1.8240i	0.0309+1.3868i
26.7	0.4311+10.3032i	-4.4072-5.9600i	1.5835-0.3774i	12.6195+4.0216i	-1.2141+0.8334i	0.6954-0.8447i	-1.3275-1.4520i	0.4255+1.4658i
26.8	1.1886+9.7724i	-4.3844-5.6475i	1.4512-0.3918i	12.1584+2.5896i	-1.0367+1.1063i	0.5578-0.8409i	-1.2955-0.9886i	0.8128+1.4364i
26.9	2.1352+9.1930i	-4.3679-5.2909i	1.2887-0.4272i	11.3015+0.9993i	-0.6728+1.3394i	0.3893-0.8548i	-1.0203-0.6086i	1.3568+1.2693i
27.0	2.7444+8.5865i	-4.3612-5.1213i	1.2034-0.3792i	10.6313+0.2725i	-0.3335+1.3913i	0.2774-0.8302i	-0.7884-0.5290i	1.6910+0.9747i
27.1	3.2895+7.8502i	-4.3747-4.9358i	1.0575-0.2921i	9.7368-0.4010i	0.0040+1.3286i	0.1682-0.7696i	-0.5524-0.5109i	1.9299+0.5854i
27.2	3.8665+6.6812i	-4.5070-4.6983i	0.9177-0.0975i	8.4951-1.2947i	0.3910+1.0972i	0.0496-0.6033i	-0.3053-0.4971i	2.0617-0.0697i
27.3	4.1178+5.8803i	-4.5981-4.5997i	0.9500+0.0481i	7.8148-1.5736i	0.4988+0.8488i	0.0020-0.5126i	-0.2409-0.5493i	2.0156-0.4463i
27.4	3.9866+5.0764i	-4.6169-4.4250i	1.0380+0.2126i	7.0017-1.4311i	0.4750+0.5572i	0.0177-0.4179i	-0.2097-0.6782i	1.7551-0.8638i
27.5	3.8427+4.4941i	-4.6984-4.2553i	1.1945+0.3225i	6.6408-1.5462i	0.4466+0.4686i	0.0375-0.3624i	-0.1767-0.7290i	1.5407-1.0879i
27.6	3.6394+3.7567i	-4.7396-4.0451i	1.4309+0.4374i	5.9638-1.8963i	0.4618+0.3267i	0.0416-0.2785i	-0.1376-0.7948i	1.2996-1.3916i
27.7	3.3500+3.3416i	-4.7904-3.9092i	1.6306+0.4404i	5.1736-1.8514i	0.4698+0.1338i	0.0711-0.2093i	-0.1575-0.8484i	0.9846-1.5947i
27.8	3.1188+3.0000i	-4.8312-3.7883i	1.8031+0.4372i	4.6908-1.5560i	0.4063-0.0259i	0.1241-0.1699i	-0.1820-0.9215i	0.6834-1.6635i
27.9	2.6768+2.5389i	-4.9309-3.6070i	2.1219+0.3358i	4.5473-1.1625i	0.2228-0.2077i	0.1967-0.1387i	-0.2228-0.9492i	0.2664-1.5642i
28.0	2.2552+2.3723i	-5.0556-3.3608i	2.3846+0.2202i	4.7545-1.3030i	0.0311-0.2863i	0.2555-0.1366i	-0.2338-1.0153i	0.0387-1.3959i
28.1	1.9740+2.5598i	-5.0204-2.9196i	2.6482+0.0611i	4.1517-2.2567i	-0.1251-0.2395i	0.3144-0.1585i	-0.3666-1.1928i	-0.1262-1.2418i
28.2	2.0524+2.6032i	-4.7165-2.6809i	2.8567-0.2214i	2.4459-1.9424i	-0.1498-0.2281i	0.3706-0.2253i	-0.6209-1.2060i	-0.1601-1.0561i
28.3	2.0486+2.3427i	-4.6516-2.7203i	3.0119-0.4044i	2.1117-0.9197i	-0.2114-0.2911i	0.3809-0.2664i	-0.7167-1.0918i	-0.1954-1.0193i
28.4	1.8818+2.1470i	-4.6179-2.6752i	3.2054-0.7186i	2.2560-0.2766i	-0.3614-0.3189i	0.3709-0.2894i	-0.8017-0.9879i	-0.2385-0.9902i
28.5	1.6941+2.0354i	-4.5869-2.5949i	3.4042-1.1884i	2.3995-0.0719i	-0.4995-0.2989i	0.3583-0.3137i	-0.8544-0.9028i	-0.3152-0.9141i
28.6	1.5064+1.9474i	-4.5544-2.5391i	3.5855-1.6866i	2.3110-0.0055i	-0.6115-0.2706i	0.3612-0.3350i	-0.9079-0.8740i	-0.3812-0.9017i
28.7	1.3267+1.9353i	-4.5757-2.5098i	3.6546-2.3352i	2.1918+0.1955i	-0.7760-0.2009i	0.3654-0.3640i	-1.0446-0.8266i	-0.4907-0.8845i
28.8	1.1937+1.9338i	-4.5900-2.4884i	3.5698-3.1167i	2.0719+0.4102i	-0.9551-0.1183i	0.3828-0.3902i	-1.1460-0.7486i	-0.6419-0.7784i
28.9	1.1065+1.9710i	-4.6125-2.4486i	3.1459-3.7056i	2.0326+0.6717i	-1.0586+0.0389i	0.3900-0.4208i	-1.1794-0.6039i	-0.6911-0.5983i
29.0	1.0356+2.0212i	-4.6804-2.3888i	2.4987-4.1556i	2.0023+0.9914i	-1.1290+0.2150i	0.3833-0.4634i	-1.2057-0.4521i	-0.7022-0.4367i
29.1	0.9788+2.0500i	-4.7868-2.2914i	1.7161-4.5083i	2.0145+1.3085i	-1.1570+0.4045i	0.3596-0.5192i	-1.2253-0.3366i	-0.6908-0.3083i
29.2	0.9675+2.0323i	-4.9019-2.1980i	1.0437-4.7394i	2.0798+1.6404i	-1.1935+0.5999i	0.3361-0.5618i	-1.2379-0.1934i	-0.6841-0.1598i
29.3	0.9322+1.9901i	-4.9623-2.0380i	0.3321-4.5962i	2.3472+1.8992i	-1.1864+0.7950i	0.2868-0.5693i	-1.2155-0.0501i	-0.5965-0.0476i
29.4	0.8804+1.9804i	-5.0723-1.8553i	-0.2961-4.4547i	2.6060+2.0262i	-1.1544+1.0080i	0.2619-0.5996i	-1.1943+0.0580i	-0.5046+0.0789i
29.5	0.8457+2.0360i	-5.1173-1.6642i	-0.6570-4.2717i	2.8582+2.1621i	-1.0491+1.1773i	0.2290-0.6418i	-1.1621+0.0717i	-0.3843+0.1352i
29.6	0.8385+2.0589i	-5.1195-1.5076i	-0.9795-3.9085i	3.2827+2.2165i	-0.8993+1.3144i	0.1941-0.6410i	-1.1584+0.2058i	-0.2655+0.1774i
29.7	0.8201+2.0553i	-5.1165-1.2936i	-1.3993-3.5354i	3.5493+2.0984i	-0.6822+1.4774i	0.1749-0.6277i	-1.0816+0.4710i	-0.1633+0.1905i
29.8	0.8355+2.0728i	-5.1066-1.1271i	-1.6918-3.3321i	3.7718+2.0086i	-0.5030+1.5954i	0.1555-0.6308i	-0.9581+0.6724i	-0.0661+0.1899i
29.9	0.8660+2.1155i	-5.0653-0.9485i	-1.7865-3.1180i	3.8445+1.8744i	-0.3097+1.6426i	0.1365-0.6627i	-0.7659+0.7512i	0.0172+0.1170i
30.0	0.8664+2.1434i	-4.9681-0.7727i	-1.8969-2.7816i	4.0681+1.7896i	-0.0698+1.6447i	0.1221-0.6880i	-0.4497+0.8502i	0.1622+0.0262i
30.1	0.8976+2.1126i	-4.8746-0.6442i	-2.0464-2.4720i	4.1988+1.7468i	0.1284+1.6190i	0.0947-0.7104i	-0.2648+0.8618i	0.2407-0.0182i
30.2	0.9538+2.1228i	-4.7691-0.4566i	-2.1869-2.1789i	4.2963+1.5411i	0.3174+1.5084i	0.0375-0.7253i	-0.0589+0.7897i	0.2801-0.1684i
30.3	1.0005+2.1077i	-4.6607-0.3713i	-2.2285-1.9474i	4.3679+1.4742i	0.4099+1.4138i	-0.0080-0.7298i	0.0667+0.6828i	0.2686-0.2883i
30.4	1.0019+2.0781i	-4.5847-0.3181i	-2.2026-1.6602i	4.4729+1.4014i	0.4886+1.3555i	-0.0324-0.7339i	0.1641+0.5416i	0.2272-0.3955i
30.5	1.0092+2.0689i	-4.5223-0.2453i	-2.1680-1.4596i	4.5782+1.3276i	0.6148+1.2914i	-0.0473-0.7506i	0.2535+0.4167i	0.1753-0.4529i
30.6	1.0736+2.0758i	-4.4293-0.0841i	-2.1402-1.2464i	4.6502+1.0989i	0.7214+1.1386i	-0.1137-0.7664i	0.3165+0.2761i	0.0786-0.4984i
30.7	1.1269+2.0629i	-4.3461-0.0164i	-2.1492-1.1283i	4.7603+0.9159i	0.7651+1.0120i	-0.1726-0.7626i	0.3350+0.1454i	0.0023-0.5477i
30.8	1.1864+2.0412i	-4.2562+0.0589i	-2.1846-0.9479i	4.8049+0.7242i	0.7992+0.9095i	-0.2255-0.7504i	0.3186+0.0320i	-0.0581-0.5623i

30.9	1.2280+2.0018i	-4.1608+0.1450i	-2.1458-0.7492i	4.7933+0.4989i	0.8078+0.7839i	-0.2827-0.7274i	0.2932-0.0508i	-0.1526-0.5609i
31.0	1.2891+1.9754i	-4.0560+0.2285i	-2.1454-0.5992i	4.7708+0.3033i	0.7931+0.6576i	-0.3294-0.7086i	0.2616-0.1450i	-0.2757-0.5247i
31.1	1.3709+1.9218i	-3.9293+0.2897i	-2.1277-0.4190i	4.7293+0.1363i	0.7539+0.5934i	-0.3633-0.6818i	0.2315-0.2043i	-0.3477-0.4397i
31.2	1.4352+1.8389i	-3.7937+0.3279i	-2.0585-0.2200i	4.7139-0.0493i	0.7503+0.5683i	-0.3987-0.6469i	0.2195-0.2693i	-0.3177-0.4059i
31.3	1.4531+1.7622i	-3.7183+0.3304i	-1.9680-0.1047i	4.6587-0.2219i	0.7543+0.5118i	-0.4223-0.6030i	0.1829-0.3180i	-0.3337-0.4140i
31.4	1.4895+1.6838i	-3.6293+0.3422i	-1.8807+0.0644i	4.5893-0.4106i	0.7287+0.4510i	-0.4648-0.5731i	0.1221-0.3577i	-0.3723-0.3831i
31.5	1.5166+1.6111i	-3.5279+0.3264i	-1.8243+0.1445i	4.4371-0.4971i	0.6861+0.4020i	-0.4771-0.5492i	0.0386-0.3921i	-0.3805-0.3162i
31.6	1.5425+1.5289i	-3.4328+0.3254i	-1.7108+0.2932i	4.3131-0.6660i	0.6580+0.3539i	-0.4887-0.4811i	-0.0068-0.4330i	-0.3837-0.2571i
31.7	1.5752+1.4398i	-3.3144+0.3394i	-1.5767+0.3958i	4.0890-0.7670i	0.6386+0.3303i	-0.4879-0.4311i	-0.0546-0.4328i	-0.3747-0.2156i
31.8	1.6048+1.3305i	-3.1632+0.3206i	-1.4518+0.5042i	3.7777-0.7802i	0.6147+0.2949i	-0.4738-0.3977i	-0.0978-0.4187i	-0.3469-0.2035i
31.9	1.6236+1.2434i	-3.0876+0.2990i	-1.3331+0.6173i	3.5636-0.7733i	0.5923+0.2667i	-0.4494-0.3781i	-0.1464-0.4374i	-0.3092-0.1628i
32.0	1.6216+1.1297i	-3.0219+0.2620i	-1.2424+0.7036i	3.4188-0.7438i	0.5645+0.2345i	-0.4425-0.3567i	-0.1834-0.4468i	-0.2610-0.1589i
32.1	1.6238+1.0160i	-2.9279+0.2419i	-1.0733+0.7499i	3.2385-0.6777i	0.5406+0.1977i	-0.4407-0.3438i	-0.2433-0.4412i	-0.2439-0.1581i
32.2	1.5880+0.9034i	-2.8301+0.1653i	-0.9712+0.7490i	3.0588-0.5169i	0.5031+0.1895i	-0.4334-0.3381i	-0.2775-0.4201i	-0.2699-0.2115i
32.3	1.5441+0.8071i	-2.7838+0.0947i	-0.8950+0.7928i	2.9990-0.3807i	0.4816+0.1918i	-0.4302-0.3264i	-0.3074-0.3977i	-0.2779-0.2352i
32.4	1.5095+0.7332i	-2.7271+0.0699i	-0.7436+0.8030i	2.9063-0.3200i	0.4743+0.1822i	-0.4270-0.3094i	-0.3369-0.3624i	-0.3144-0.2368i
32.5	1.4399+0.6273i	-2.6350+0.0225i	-0.5134+0.7937i	2.8009-0.2239i	0.4333+0.1488i	-0.4237-0.2908i	-0.3613-0.3441i	-0.3390-0.2081i
32.6	1.3584+0.5226i	-2.5439-0.0732i	-0.4286+0.7997i	2.7402-0.0257i	0.3805+0.1378i	-0.4117-0.2679i	-0.3865-0.3388i	-0.3335-0.1782i
32.7	1.2807+0.4645i	-2.4352-0.1594i	-0.3474+0.7760i	2.6923+0.1222i	0.3496+0.1344i	-0.3847-0.2604i	-0.3975-0.2933i	-0.3247-0.1767i
32.8	1.1830+0.4047i	-2.3542-0.2533i	-0.1868+0.7901i	2.7012+0.2455i	0.3190+0.1509i	-0.3493-0.2269i	-0.3886-0.2476i	-0.3358-0.1404i
32.9	1.0874+0.3738i	-2.2340-0.4460i	-0.1120+0.7367i	2.6861+0.4058i	0.2999+0.1884i	-0.3014-0.2143i	-0.3527-0.2126i	-0.3216-0.0955i
33.0	1.0168+0.3585i	-2.0914-0.6318i	0.0360+0.7112i	2.5707+0.5268i	0.2836+0.1980i	-0.2626-0.2541i	-0.3265-0.2145i	-0.2736-0.1233i
33.1	0.9246+0.3574i	-1.9696-0.8855i	0.2034+0.6299i	2.4491+0.6930i	0.2419+0.2037i	-0.2325-0.2831i	-0.3170-0.2158i	-0.2365-0.1576i
33.2	0.8560+0.3899i	-1.8170-1.2980i	0.1584+0.6108i	2.2404+1.0176i	0.1981+0.2403i	-0.1697-0.3521i	-0.2950-0.2349i	-0.1550-0.1896i
33.3	0.8280+0.4358i	-1.7855-1.8240i	0.0167+0.7456i	2.0473+1.5133i	0.1935+0.2967i	-0.1317-0.4522i	-0.2664-0.2513i	-0.1291-0.2344i
33.4	0.8356+0.4817i	-1.8656-2.4621i	0.1376+0.9478i	1.9129+2.2527i	0.1943+0.3647i	-0.1344-0.5982i	-0.2340-0.2929i	-0.1379-0.3511i
33.5	0.9115+0.5069i	-2.2256-3.3127i	0.5494+1.2009i	2.0623+3.3801i	0.1990+0.4380i	-0.1951-0.7999i	-0.2174-0.3848i	-0.1889-0.5100i
33.6	1.0369+0.4849i	-2.9476-3.9367i	1.0624+1.1418i	2.7940+4.3059i	0.2302+0.4820i	-0.3388-0.9733i	-0.2750-0.5047i	-0.2955-0.5861i
33.7	1.1869+0.3103i	-3.8916-4.1396i	1.6406+0.7388i	3.9342+4.7995i	0.2798+0.5274i	-0.5778-1.0223i	-0.3690-0.5788i	-0.4598-0.6001i
33.8	1.2051-0.0969i	-5.1793-4.1057i	2.2971-0.1457i	5.6335+4.9883i	0.3063+0.5361i	-0.9102-0.9540i	-0.5792-0.6116i	-0.6209-0.5279i
33.9	0.8775-0.5189i	-6.4234-3.5486i	2.1802-1.4931i	7.2819+4.4130i	0.2784+0.6229i	-1.1796-0.7397i	-0.8185-0.4649i	-0.7177-0.4879i
34.0	0.5553-0.5777i	-6.7636-2.8892i	1.5882-1.8636i	7.8063+3.6954i	0.3392+0.6768i	-1.2077-0.5683i	-0.8510-0.3317i	-0.7216-0.4392i
34.1	0.1305-0.4495i	-7.0533-2.0503i	0.6092-2.1941i	8.3124+2.8188i	0.4568+0.7693i	-1.1966-0.3805i	-0.8363-0.2223i	-0.7229-0.3403i
34.2	-0.1732-0.2557i	-7.3923-1.4453i	-0.1726-2.2193i	8.9190+2.1553i	0.6267+0.8224i	-1.1769-0.2398i	-0.8061-0.1571i	-0.8228-0.2904i
34.3	-0.2916+0.0066i	-7.4447-0.8537i	-0.8209-1.8432i	9.2862+1.4565i	0.7936+0.7882i	-1.1314-0.1310i	-0.7594-0.1282i	-0.8438-0.2323i
34.4	-0.2605+0.1711i	-7.3812-0.4246i	-1.0541-1.3786i	9.4560+0.8649i	0.9024+0.7234i	-1.1036-0.0537i	-0.7470-0.1287i	-0.8447-0.1697i
34.5	-0.2052+0.2766i	-7.3926-0.0239i	-1.1759-0.9827i	9.6760+0.1476i	1.0008+0.6311i	-1.0665-0.0397i	-0.7968-0.1466i	-0.8268-0.1206i
34.6	-0.1158+0.3405i	-7.3510+0.3621i	-1.1970-0.5809i	9.7388-0.5576i	1.1056+0.5144i	-1.0380-0.0087i	-0.8075-0.1325i	-0.8291-0.0541i
34.7	-0.0410+0.3683i	-7.2518+0.6985i	-1.1517-0.2059i	9.6175-1.1882i	1.1712+0.4196i	-1.0545+0.0013i	-0.8477-0.0962i	-0.8612-0.0872i
34.8	-0.0429+0.2965i	-7.2718+0.9861i	-0.9514+0.0396i	9.7200-1.7459i	1.2673+0.3099i	-1.0959+0.0141i	-0.9726-0.0831i	-0.9176-0.1484i
34.9	-0.0723+0.1948i	-7.2329+1.1945i	-0.7317+0.2211i	9.7318-2.1786i	1.3010+0.2072i	-1.0947+0.0361i	-1.0742-0.0586i	-0.9746-0.1632i
35.0	-0.1379+0.1226i	-7.0836+1.4683i	-0.4444+0.3613i	9.4887-2.6923i	1.2981+0.0988i	-1.1118+0.0959i	-1.1226+0.0504i	-1.0698-0.1273i
35.1	-0.2387+0.1041i	-6.9997+1.7866i	-0.2130+0.4576i	9.3249-3.3354i	1.3347+0.0087i	-1.1337+0.1421i	-1.1794+0.1766i	-1.1904-0.1189i
35.2	-0.4475+0.0799i	-6.9632+2.0514i	0.1234+0.3882i	9.2215-3.8914i	1.3889-0.0949i	-1.1718+0.1792i	-1.2536+0.2803i	-1.3491-0.0997i
35.3	-0.6997+0.0712i	-6.9221+2.2367i	0.4568+0.2258i	9.1395-4.3336i	1.4207-0.2222i	-1.2235+0.2409i	-1.3379+0.4098i	-1.5325-0.0421i
35.4	-0.9343+0.1776i	-6.7767+2.4895i	0.7803+0.0239i	8.8193-4.8559i	1.4293-0.3989i	-1.2589+0.3517i	-1.3872+0.6173i	-1.7212+0.1487i
35.5	-1.0971+0.4239i	-6.6505+2.7407i	0.9012-0.3357i	8.4140-5.3428i	1.3916-0.5690i	-1.3005+0.4650i	-1.3788+0.8561i	-1.8824+0.4146i
35.6	-1.1323+0.6651i	-6.4755+2.9720i	0.9049-0.6265i	7.9253-5.7342i	1.3212-0.7328i	-1.2967+0.5890i	-1.3005+1.0825i	-1.9597+0.6941i
35.7	-1.1359+0.8764i	-6.3372+3.1800i	0.9004-0.8838i	7.5581-6.0675i	1.2472-0.8841i	-1.2813+0.7191i	-1.2050+1.3211i	-2.0073+1.0066i
35.8	-1.2059+1.0795i	-6.2053+3.3443i	0.9319-1.2356i	7.1981-6.4396i	1.1747-1.0709i	-1.2578+0.8709i	-1.0960+1.5866i	-2.0673+1.3883i
35.9	-1.1260+1.3202i	-5.9435+3.4894i	0.7755-1.6680i	6.5175-6.6651i	0.9355-1.2675i	-1.1063+1.0137i	-0.7547+1.7996i	-1.8035+1.8883i
36.0	-1.0490+1.4535i	-5.7519+3.5356i	0.5767-1.9049i	6.0388-6.6704i	0.7311-1.3391i	-0.9966+1.1214i	-0.4893+1.9079i	-1.5438+2.1710i
36.1	-0.9753+1.5614i	-5.6261+3.5586i	0.3438-2.1379i	5.6488-6.6681i	0.5129-1.3660i	-0.8868+1.2010i	-0.2232+1.9801i	-1.2389+2.3883i
36.2	-0.8633+1.6992i	-5.5176+3.4843i	-0.0755-2.3889i	5.2510-6.4441i	0.2420-1.2874i	-0.6890+1.2619i	0.1595+1.9651i	-0.7445+2.5230i
36.3	-0.7478+1.8061i	-5.4239+3.5193i	-0.4582-2.4232i	4.9158-6.3410i	0.0569-1.2220i	-0.5226+1.2780i	0.4641+1.8720i	-0.3579+2.5786i
36.4	-0.6565+1.8526i	-5.4163+3.4675i	-0.8089-2.4018i	4.7617-6.0656i	-0.1210-1.1021i	-0.3511+1.2471i	0.7616+1.6973i	0.0777+2.5107i
36.5	-0.5463+1.8731i	-5.4529+3.4958i	-1.1095-2.1916i	4.7151-5.8184i	-0.2032-0.9478i	-0.2076+1.1485i	0.9487+1.4143i	0.4026+2.2858i
36.6	-0.4849+1.9026i	-5.5362+3.5050i	-1.3524-2.0765i	4.8155-5.6461i	-0.2393-0.8260i	-0.0851+1.0415i	1.0967+1.1677i	0.6541+2.1057i
36.7	-0.4190+1.9805i	-5.6609+3.6251i	-1.5674-1.9672i	4.9350-5.7216i	-0.2870-0.7294i	-0.0231+0.9089i	1.1856+0.9272i	0.8668+1.9074i
36.8	-0.3873+2.0409i	-5.7549+3.7346i	-1.7192-1.8770i	5.0692-5.8192i	-0.3163-0.6469i	-0.0048+0.8094i	1.1962+0.7113i	0.9857+1.7090i
36.9	-0.3509+2.1456i	-5.8900+3.9651i	-1.8900-1.7720i	5.2365-6.1422i	-0.3158-0.5562i	-0.0201+0.7059i	1.1503+0.5121i	1.0389+1.4536i
37.0	-0.2557+2.2485i	-5.9154+4.1490i	-2.0619-1.6682i	5.2171-6.3901i	-0.3197-0.5042i	-0.0826+0.6106i	1.0709+0.3529i	1.0345+1.2824i
37.1	-0.1557+2.2685i	-5.9919+4.2780i	-2.2006-1.4663i	5.2382-6.5176i	-0.3065-0.4559i	-0.1781+0.6120i	0.9656+0.2546i	0.9996+1.1889i

37.2	−0.0277+2.2829i	−6.0553+4.5087i	−2.3091−1.2311i	5.1404−6.7248i	−0.3120−0.3752i	−0.2262+0.6252i	0.8695+0.1834i	0.9933+1.0489i
37.3	0.0634+2.3439i	−6.0970+4.7307i	−2.3970−1.0875i	5.0107−6.9634i	−0.3198−0.3402i	−0.2349+0.6369i	0.8205+0.1451i	1.0093+0.9723i
37.4	0.1560+2.4637i	−6.2293+5.0457i	−2.5280−0.9982i	5.0005−7.3302i	−0.3232−0.3360i	−0.2430+0.6348i	0.7608+0.1070i	1.0211+0.9361i
37.5	0.3253+2.5357i	−6.2776+5.5233i	−2.6716−0.8119i	4.8494−7.7808i	−0.3502−0.2910i	−0.2637+0.6191i	0.7024+0.0894i	1.0372+0.8240i
37.6	0.4332+2.5515i	−6.3109+5.7691i	−2.7502−0.6376i	4.7952−7.9460i	−0.3783−0.2512i	−0.2921+0.6101i	0.6680+0.0881i	1.0717+0.7517i
37.7	0.6349+2.5925i	−6.3163+6.2169i	−2.9096−0.4024i	4.6234−8.3705i	−0.3967−0.1741i	−0.3643+0.6011i	0.6420+0.1167i	1.0626+0.6427i
37.8	0.8184+2.5235i	−6.1039+6.5197i	−2.9451−0.0903i	4.2818−8.5137i	−0.3850−0.0995i	−0.4084+0.6459i	0.6325+0.1440i	1.0080+0.5775i
37.9	1.0395+2.4651i	−5.9071+7.0114i	−3.0134+0.2473i	3.8906−8.8887i	−0.3462−0.0157i	−0.4762+0.7165i	0.6838+0.1413i	0.9475+0.5003i
38.0	1.1996+2.4208i	−5.8924+7.6068i	−2.9936+0.6277i	3.7808−9.4974i	−0.2977+0.0354i	−0.5377+0.8192i	0.7141+0.1764i	0.8831+0.5199i
38.1	1.3456+2.2785i	−5.6418+8.0250i	−2.8452+1.0150i	3.3708−9.8144i	−0.2527+0.0545i	−0.5175+0.9534i	0.7558+0.2058i	0.9011+0.5833i
38.2	1.4589+2.1532i	−5.1825+8.5157i	−2.5731+1.2903i	2.6887−10.2143i	−0.2257+0.0463i	−0.4556+1.0364i	0.8912+0.1956i	1.0084+0.6075i
38.3	1.5296+2.0355i	−4.8201+8.8497i	−2.3000+1.4382i	2.0776−10.4208i	−0.1948+0.0417i	−0.4427+1.1036i	1.0181+0.1168i	1.1075+0.6003i
38.4	1.6321+1.9011i	−4.4026+9.2033i	−2.0083+1.6067i	1.3655−10.5392i	−0.1936+0.0570i	−0.4651+1.1749i	1.1433−0.0296i	1.1742+0.4848i
38.5	1.6737+1.7442i	−4.0037+9.4424i	−1.7257+1.7104i	0.8284−10.4201i	−0.2032+0.0786i	−0.4209+1.2985i	1.1906−0.2000i	1.2431+0.3691i
38.6	1.7278+1.5561i	−3.4983+9.8147i	−1.3957+1.8650i	0.1545−10.3191i	−0.2329+0.1135i	−0.3560+1.4688i	1.2003−0.4048i	1.2818+0.2371i
38.7	1.6967+1.4679i	−2.9405+10.0539i	−1.0727+1.7305i	−0.3506−10.2670i	−0.2290+0.1580i	−0.2182+1.5678i	1.1195−0.5197i	1.2548+0.1212i
38.8	1.6141+1.3176i	−2.4525+10.1650i	−0.7165+1.6181i	−0.7185−9.9123i	−0.2310+0.2281i	−0.0773+1.6627i	1.0486−0.6603i	1.2716−0.0054i
38.9	1.5307+1.1958i	−1.7794+10.3745i	−0.3361+1.4242i	−1.2704−9.6908i	−0.2197+0.3073i	0.1178+1.7647i	1.0010−0.8029i	1.2348−0.1634i
39.0	1.4752+1.1992i	−1.2131+10.4933i	−0.2033+1.1028i	−1.6028−9.6108i	−0.1899+0.3672i	0.2916+1.7924i	0.8915−0.8791i	1.1647−0.2477i
39.1	1.4131+1.2190i	−0.7017+10.3934i	−0.1323+0.7626i	−1.8703−9.3702i	−0.1288+0.4423i	0.4388+1.7946i	0.7787−0.9071i	1.0875−0.2992i
39.2	1.3968+1.1798i	−0.0771+10.1899i	−0.1066+0.5226i	−2.2852−8.9355i	−0.0312+0.4964i	0.6411+1.7922i	0.7042−0.9450i	1.0100−0.3164i
39.3	1.3801+1.1783i	0.5038+10.0671i	−0.1793+0.2084i	−2.6247−8.5611i	0.0775+0.5293i	0.8968+1.7652i	0.6786−1.0361i	0.9882−0.3799i
39.4	1.3618+1.2111i	0.9795+9.9090i	−0.2689−0.1272i	−2.8498−8.1993i	0.1664+0.5368i	1.1315+1.6859i	0.6271−1.1649i	0.9652−0.4629i
39.5	1.4027+1.2940i	1.4479+9.6996i	−0.5424−0.4484i	−2.9841−7.9483i	0.2599+0.5119i	1.3265+1.5225i	0.5068−1.2904i	0.8816−0.5397i
39.6	1.5637+1.2990i	1.9833+9.4733i	−1.0200−0.5395i	−3.1984−7.7611i	0.3675+0.4708i	1.4821+1.3262i	0.3308−1.3739i	0.7848−0.5943i
39.7	1.6226+1.1652i	2.3207+9.1278i	−1.2292−0.3806i	−3.2408−7.4943i	0.4319+0.4195i	1.5842+1.1096i	0.1504−1.3735i	0.7242−0.6084i
39.8	1.6241+1.2078i	2.7086+8.9599i	−1.3287−0.5794i	−3.4926−7.4258i	0.4754+0.3679i	1.6296+0.9198i	0.0483−1.3752i	0.6694−0.6636i
39.9	1.7842+1.2393i	3.1217+8.6418i	−1.8326−0.6477i	−3.6736−7.1705i	0.5173+0.3158i	1.6415+0.7194i	−0.1222−1.3980i	0.5674−0.6867i
40.0	1.9546+1.1680i	3.5015+8.3016i	−2.3145−0.5378i	−3.8512−6.8610i	0.5611+0.2744i	1.6440+0.5597i	−0.3075−1.4064i	0.4436−0.7008i
40.1	2.1301+1.0219i	3.8368+7.9560i	−2.7264−0.2712i	−4.1227−6.6556i	0.5985+0.2166i	1.6146+0.4224i	−0.4455−1.3516i	0.3595−0.6961i
40.2	2.2181+0.7362i	4.0592+7.4665i	−3.0071+0.3305i	−4.2113−6.2859i	0.6187+0.1447i	1.5766+0.2865i	−0.5904−1.2580i	0.2978−0.6886i
40.3	2.2188+0.5629i	4.0996+7.1553i	−3.0775+0.7311i	−4.1611−6.1622i	0.6277+0.0991i	1.5356+0.2002i	−0.6739−1.1717i	0.2411−0.6576i
40.4	2.1504+0.2846i	4.2127+6.7511i	−3.0086+1.3244i	−4.2221−5.9021i	0.6366+0.0384i	1.5097+0.0505i	−0.7729−1.0735i	0.1901−0.6419i
40.5	1.9584+0.1619i	4.2983+6.4575i	−2.6371+1.6106i	−4.2687−5.7735i	0.6449−0.0158i	1.4740−0.0505i	−0.8557−0.9489i	0.1336−0.5917i
40.6	1.9762+0.1644i	4.4563+6.1654i	−2.6913+1.6318i	−4.4907−5.6868i	0.6337−0.0736i	1.4107−0.1556i	−0.8863−0.8350i	0.1138−0.5625i
40.7	1.9724−0.0102i	4.4982+5.9270i	−2.6931+2.0486i	−4.6073−5.5161i	0.6103−0.1065i	1.3566−0.2161i	−0.8999−0.7628i	0.1043−0.5360i
40.8	1.8301−0.2063i	4.5259+5.6092i	−2.3948+2.4801i	−4.7421−5.2874i	0.5857−0.1490i	1.2921−0.2697i	−0.9197−0.6646i	0.0689−0.5003i
40.9	1.7640−0.2979i	4.5864+5.3403i	−2.2750+2.6945i	−4.9545−5.0460i	0.5721−0.1865i	1.2507−0.3337i	−0.9363−0.5961i	0.0372−0.4756i
41.0	1.6879−0.3936i	4.6546+5.0454i	−2.1176+2.9504i	−5.1101−4.6407i	0.5548−0.2187i	1.2082−0.4302i	−0.9633−0.5313i	0.0055−0.4594i
41.1	1.5716−0.5337i	4.6272+4.7744i	−1.7810+3.2893i	−5.0569−4.3515i	0.5323−0.2498i	1.1140−0.4740i	−0.9763−0.4417i	−0.0384−0.4231i
41.2	1.3165−0.6336i	4.6056+4.5517i	−1.2424+3.5070i	−5.0609−4.1331i	0.5336−0.2675i	1.0745−0.5203i	−0.9991−0.3926i	−0.0633−0.4003i
41.3	1.0989−0.5432i	4.6313+4.3200i	−0.7124+3.3859i	−5.1286−3.7920i	0.5225−0.2848i	1.0090−0.5644i	−1.0207−0.3216i	−0.0742−0.3638i
41.4	1.1929−0.5074i	4.5707+4.0756i	−0.7557+3.2108i	−5.0166−3.6209i	0.5065−0.3069i	0.9553−0.5704i	−0.9934−0.2461i	−0.0564−0.3316i
41.5	1.0789−0.7115i	4.5222+3.8901i	−0.5113+3.5340i	−5.1055−3.3468i	0.4947−0.3105i	0.9337−0.6287i	−0.9998−0.2368i	−0.0588−0.3464i
41.6	0.7922−0.6211i	4.4444+3.6444i	0.1140+3.2923i	−4.8232−2.9163i	0.4960−0.3503i	0.8385−0.6950i	−1.0298−0.1319i	−0.0814−0.3060i
41.7	0.7734−0.5994i	4.4159+3.5054i	0.1975+3.1587i	−4.7974−2.9878i	0.4701−0.3890i	0.8191−0.7067i	−0.9787−0.0580i	−0.0684−0.2842i
41.8	0.6276−0.6763i	4.3212+3.3568i	0.4095+3.2999i	−5.0114−2.9409i	0.4455−0.4124i	0.7858−0.7813i	−0.9649−0.0196i	−0.0691−0.2803i
41.9	0.3613−0.6170i	4.3191+3.1786i	0.9781+3.1665i	−5.1194−2.2981i	0.4282−0.4398i	0.6764−0.8861i	−1.0065+0.0184i	−0.0903−0.2864i
42.0	0.2730−0.4622i	4.3463+3.1256i	1.2506+2.9082i	−5.1080−2.0133i	0.3982−0.4762i	0.5715−0.9167i	−0.9979+0.1117i	−0.1034−0.2706i
42.1	0.3381−0.3109i	4.2967+2.9832i	1.2092+2.5489i	−4.8177−1.9896i	0.3350−0.5041i	0.4625−0.8787i	−0.9028+0.2107i	−0.0964−0.2411i
42.2	0.2559−0.2302i	4.1838+2.7741i	1.3489+2.2683i	−4.6320−1.7679i	0.2881−0.5012i	0.3678−0.8870i	−0.8529+0.2506i	−0.1211−0.2432i
42.3	0.2688−0.1311i	4.1903+2.6540i	1.4123+2.0577i	−4.5787−1.5547i	0.2454−0.4989i	0.2767−0.8775i	−0.8035+0.2908i	−0.1156−0.2288i
42.4	0.3089−0.1679i	4.1626+2.5441i	1.4263+2.0551i	−4.5592−1.4879i	0.2104−0.4868i	0.2338−0.8786i	−0.7423+0.2866i	−0.1073−0.2252i
42.5	0.2376−0.1322i	4.0843+2.4267i	1.5724+1.8917i	−4.4790−1.3105i	0.1987−0.4795i	0.1534−0.8696i	−0.7435+0.2936i	−0.1391−0.2240i
42.6	0.2001−0.0569i	4.0448+2.3226i	1.6792+1.6221i	−4.2894−1.1457i	0.1835−0.4723i	0.0698−0.8379i	−0.7530+0.3374i	−0.1551−0.2120i
42.7	0.1788+0.0253i	3.9339+2.2291i	1.6619+1.3662i	−4.0499−0.9524i	0.1793−0.4506i	−0.0092−0.8103i	−0.7492+0.3553i	−0.1757−0.1979i
42.8	0.2005+0.0563i	3.9243+2.1368i	1.6469+1.2578i	−3.8607−0.7135i	0.1706−0.4489i	−0.0993−0.7892i	−0.7366+0.3963i	−0.1953−0.1568i
42.9	0.2105+0.0646i	3.8679+2.0643i	1.5815+1.1165i	−3.8268−0.8747i	0.1460−0.4530i	−0.1291−0.7354i	−0.6588+0.4521i	−0.1843−0.1491i
43.0	0.2024+0.1157i	3.8022+1.9716i	1.5533+0.9449i	−3.7073−0.7776i	0.1457−0.4500i	−0.2164−0.6675i	−0.6468+0.5020i	−0.2027−0.1269i
43.1	0.1929+0.1572i	3.7514+1.8618i	1.5445+0.8035i	−3.5429−0.6212i	0.1589−0.4586i	−0.2898−0.6170i	−0.6481+0.5546i	−0.2266−0.0935i
43.2	0.1702+0.2095i	3.7065+1.7891i	1.5690+0.6438i	−3.3704−0.4387i	0.1622−0.4870i	−0.3433−0.5763i	−0.6413+0.6188i	−0.2470−0.0622i
43.3	0.1703+0.2938i	3.6486+1.7312i	1.5193+0.4111i	−3.1015−0.3283i	0.1353−0.5007i	−0.3883−0.4549i	−0.5669+0.6879i	−0.2461−0.0080i
43.4	0.2604+0.3333i	3.6152+1.6939i	1.3176+0.3242i	−2.8503−0.4283i	0.1187−0.5178i	−0.3970−0.3588i	−0.4749+0.7229i	−0.2262+0.0297i

43.5	0.3250+0.2949i	3.6178+1.6263i	1.2267+0.3646i	-2.7294-0.5329i	0.0923-0.5338i	-0.3975-0.3120i	-0.3983+0.7326i	-0.2053+0.0467i
43.6	0.3068+0.2060i	3.6208+1.5301i	1.2689+0.4155i	-2.8167-0.5270i	0.0596-0.5295i	-0.3784-0.2543i	-0.3130+0.6979i	-0.1878+0.0538i
43.7	0.2695+0.2336i	3.5446+1.4794i	1.2688+0.1908i	-2.8759-0.6304i	0.0213-0.5381i	-0.3608-0.1709i	-0.1909+0.6998i	-0.1701+0.0924i
43.8	0.3254+0.2968i	3.4795+1.4246i	0.9687+0.0928i	-2.8076-0.4902i	-0.0058-0.5126i	-0.3364-0.1199i	-0.1242+0.6555i	-0.1541+0.1117i
43.9	0.3700+0.2789i	3.4577+1.3686i	0.8197+0.1906i	-2.7418-0.3098i	-0.0270-0.5187i	-0.3297-0.0727i	-0.0812+0.6128i	-0.1303+0.1321i
44.0	0.3978+0.2115i	3.4432+1.3376i	0.8300+0.3559i	-2.5878-0.3333i	-0.0483-0.5290i	-0.3054-0.0318i	-0.0320+0.5924i	-0.0952+0.1463i
44.1	0.3304+0.1899i	3.4470+1.2762i	0.9738+0.2774i	-2.5353-0.4011i	-0.1070-0.5238i	-0.2513+0.0325i	0.0234+0.5432i	-0.0595+0.1575i
44.2	0.3579+0.2315i	3.4028+1.2091i	0.8160+0.2591i	-2.5528-0.4537i	-0.1283-0.4864i	-0.1841+0.0409i	0.0562+0.4780i	-0.0337+0.1506i
44.3	0.3649+0.1773i	3.3364+1.1563i	0.8893+0.2627i	-2.5199-0.4905i	-0.1466-0.4810i	-0.1675+0.0390i	0.1012+0.4169i	-0.0013+0.1475i
44.4	0.3018+0.1953i	3.2864+1.1163i	0.9661+0.0778i	-2.4375-0.3112i	-0.1646-0.4602i	-0.1514+0.0511i	0.0850+0.3867i	0.0216+0.1461i
44.5	0.2965+0.2320i	3.2429+1.1003i	0.8573-0.0568i	-2.2805-0.2981i	-0.1864-0.4376i	-0.1227+0.0790i	0.1118+0.3587i	0.0468+0.1396i
44.6	0.2802+0.2068i	3.2427+1.0405i	0.8185-0.0511i	-2.3059-0.3200i	-0.2048-0.4136i	-0.0993+0.0862i	0.1238+0.2898i	0.0578+0.1338i
44.7	0.2279+0.2372i	3.2026+1.0064i	0.6978-0.1743i	-2.2339-0.1475i	-0.2122-0.3715i	-0.0708+0.0870i	0.0869+0.2428i	0.0574+0.1201i
44.8	0.2803+0.3289i	3.2117+0.9901i	0.4116-0.1992i	-2.0308-0.1581i	-0.2055-0.3604i	-0.0498+0.0742i	0.0802+0.2226i	0.0683+0.1136i
44.9	0.3654+0.2991i	3.1784+0.9319i	0.2954+0.0583i	-1.9752-0.3329i	-0.2007-0.3622i	-0.0377+0.0691i	0.0847+0.1543i	0.0744+0.0915i
45.0	0.3994+0.2519i	3.1464+0.9012i	0.2820+0.2350i	-1.9100-0.4579i	-0.2075-0.3608i	-0.0285+0.0705i	0.0746+0.1131i	0.0826+0.0862i
45.1	0.4037+0.1419i	3.1112+0.8575i	0.4397+0.3439i	-1.9368-0.6155i	-0.2313-0.3610i	-0.0151+0.0809i	0.0322+0.0471i	0.0880+0.0788i
45.2	0.3337+0.0787i	3.0830+0.8156i	0.5732+0.2031i	-1.9849-0.5121i	-0.2593-0.3384i	0.0026+0.0849i	-0.0475+0.0394i	0.0990+0.0683i
45.3	0.2282+0.0706i	3.0736+0.7517i	0.6383+0.0181i	-1.8719-0.3706i	-0.2694-0.2990i	0.0221+0.0880i	-0.1077+0.0759i	0.1012+0.0632i
45.4	0.1746+0.1288i	3.0581+0.7088i	0.5472-0.0409i	-1.9617-0.4108i	-0.2804-0.2650i	0.0527+0.0720i	-0.1475+0.0904i	0.1026+0.0569i
45.5	0.1425+0.2042i	3.0128+0.6700i	0.4669-0.1385i	-1.9026-0.3081i	-0.2690-0.2427i	0.0693+0.0421i	-0.1852+0.1327i	0.1006+0.0505i
45.6	0.1781+0.2397i	2.9739+0.6404i	0.4081-0.1333i	-1.7458-0.3733i	-0.2660-0.2497i	0.0722+0.0317i	-0.1789+0.1684i	0.1104+0.0417i
45.7	0.1791+0.2256i	2.9677+0.6195i	0.3434-0.1428i	-1.7370-0.4122i	-0.2721-0.2450i	0.0605+0.0306i	-0.1842+0.1923i	0.1136+0.0454i
45.8	0.1715+0.2430i	2.9490+0.6222i	0.2326-0.0637i	-1.6611-0.3852i	-0.2729-0.2228i	0.0620+0.0491i	-0.2000+0.2264i	0.1223+0.0508i
45.9	0.1801+0.2476i	2.9014+0.5669i	0.2212-0.0228i	-1.5689-0.5324i	-0.2690-0.2160i	0.0876+0.0663i	-0.1781+0.2502i	0.1170+0.0514i
46.0	0.1811+0.2211i	2.9522+0.5706i	0.2751+0.0254i	-1.7325-0.6021i	-0.2876-0.2069i	0.1044+0.0272i	-0.1699+0.2506i	0.1308+0.0295i
46.1	0.1173+0.2342i	2.9510+0.5274i	0.1584-0.0039i	-1.9012-0.5983i	-0.2975-0.1817i	0.0824+0.0187i	-0.1768+0.2673i	0.1336+0.0055i
46.2	0.0691+0.2539i	2.9126+0.4427i	0.1365+0.0401i	-1.9046-0.3506i	-0.2788-0.1394i	0.0704+0.0292i	-0.1933+0.3173i	0.1168-0.0023i
46.3	0.0728+0.2722i	2.8762+0.4034i	0.0833+0.0722i	-1.8308-0.0583i	-0.2683-0.1110i	0.0577+0.0512i	-0.1655+0.3639i	0.0958-0.0039i
46.4	0.0601+0.3202i	2.8004+0.3788i	-0.0385+0.0698i	-1.4218-0.0796i	-0.2293-0.1370i	0.0877+0.0820i	-0.1010+0.3922i	0.1064+0.0165i
46.5	0.0515+0.3461i	2.7884+0.3763i	0.0190+0.1905i	-1.2149-0.3151i	-0.2292-0.1472i	0.1249+0.0969i	-0.0407+0.3945i	0.1190+0.0286i
46.6	0.0050+0.4042i	2.8005+0.3648i	0.1132+0.1859i	-1.1327-0.5433i	-0.2381-0.1422i	0.1489+0.0856i	0.0219+0.3880i	0.1387+0.0154i
46.7	0.0408+0.4620i	2.7959+0.3442i	0.1174+0.2830i	-1.2652-0.5829i	-0.2438-0.1375i	0.1671+0.0695i	0.0300+0.3429i	0.1412+0.0064i
46.8	0.0740+0.4897i	2.7520+0.3145i	0.1734+0.3631i	-1.2359-0.7275i	-0.2368-0.1395i	0.1854+0.0683i	0.0460+0.3321i	0.1397+0.0057i
46.9	0.0785+0.5192i	2.7762+0.2522i	0.2441+0.2829i	-1.3987-0.7475i	-0.2430-0.1163i	0.1998+0.0532i	0.0465+0.3258i	0.1301+0.0120i
47.0	0.1226+0.5479i	2.7751+0.2411i	0.2149+0.3017i	-1.4561-0.7296i	-0.2461-0.1055i	0.2182+0.0401i	0.0563+0.3001i	0.1309+0.0090i
47.1	0.1387+0.5435i	2.7345+0.2177i	0.2403+0.3228i	-1.4639-0.7010i	-0.2464-0.0991i	0.2380+0.0316i	0.0748+0.2867i	0.1236+0.0064i
47.2	0.1526+0.5936i	2.6820+0.1746i	0.1882+0.2452i	-1.3015-0.7180i	-0.2367-0.0983i	0.2584+0.0113i	0.1066+0.2628i	0.1335+0.0117i
47.3	0.2410+0.6259i	2.6638+0.1697i	0.1322+0.3064i	-1.3133-0.7789i	-0.2492-0.0894i	0.2774-0.0292i	0.1130+0.2252i	0.1546+0.0074i
47.4	0.3142+0.6015i	2.6464+0.1593i	0.2078+0.4049i	-1.3659-0.9187i	-0.2509-0.0888i	0.2774-0.0640i	0.0932+0.1788i	0.1645+0.0010i
47.5	0.3639+0.5497i	2.6664+0.1532i	0.3111+0.4694i	-1.5861-0.9968i	-0.2681-0.0793i	0.2830-0.0951i	0.0714+0.1504i	0.1641-0.0147i
47.6	0.3194+0.5389i	2.6597+0.0883i	0.3790+0.3733i	-1.5617-0.9048i	-0.2710-0.0648i	0.2773-0.1242i	0.0394+0.1399i	0.1612-0.0241i
47.7	0.3811+0.5431i	2.5751+0.0633i	0.3192+0.3865i	-1.4954-0.8388i	-0.2724-0.0418i	0.2658-0.1389i	-0.0013+0.1499i	0.1750-0.0278i
47.8	0.3537+0.3973i	2.5681+0.0453i	0.4529+0.4152i	-1.4263-0.7702i	-0.2608-0.0136i	0.2655-0.1510i	-0.0076+0.1727i	0.1768-0.0363i
47.9	0.2502+0.3612i	2.6125+0.0383i	0.6162+0.2975i	-1.6334-0.8050i	-0.2654+0.0227i	0.2619-0.1938i	-0.0213+0.1928i	0.1725-0.0573i
48.0	0.2480+0.4513i	2.6035+0.0367i	0.5521+0.1801i	-1.7630-0.7967i	-0.2416+0.0528i	0.2420-0.2076i	-0.0292+0.2175i	0.1648-0.0693i
48.1	0.2888+0.5200i	2.5645+0.0042i	0.4165+0.1291i	-1.6776-0.7293i	-0.2111+0.0543i	0.2213-0.2157i	-0.0189+0.2251i	0.1509-0.0716i
48.2	0.3524+0.5182i	2.5376+0.0069i	0.3819+0.2116i	-1.6153-0.8571i	-0.2008+0.0550i	0.2121-0.2150i	-0.0130+0.2494i	0.1556-0.0687i
48.3	0.3489+0.4878i	2.5425-0.0362i	0.4296+0.2575i	-1.5648-0.8330i	-0.1792+0.0526i	0.2190-0.2337i	0.0123+0.2457i	0.1543-0.0864i
48.4	0.3795+0.4278i	2.5317-0.0224i	0.4733+0.2660i	-1.7378-0.8813i	-0.1759+0.0569i	0.2118-0.2520i	0.0256+0.2523i	0.1554-0.0977i
48.5	0.3042+0.4209i	2.5109-0.0528i	0.5219+0.1626i	-1.7146-0.8456i	-0.1472+0.0612i	0.2015-0.2599i	0.0766+0.2876i	0.1533-0.0832i
48.6	0.2985+0.5229i	2.5242-0.0728i	0.4662+0.0310i	-1.7413-0.7836i	-0.1317+0.0630i	0.1982-0.2818i	0.1318+0.2723i	0.1641-0.0907i
48.7	0.4344+0.4801i	2.5036-0.1100i	0.3854+0.1061i	-1.7757-0.7618i	-0.1148+0.0623i	0.1791-0.3185i	0.1624+0.2079i	0.1519-0.1092i
48.8	0.3728+0.3030i	2.4613-0.1112i	0.5136+0.1594i	-1.7767-0.6864i	-0.0903+0.0641i	0.1486-0.3337i	0.1686+0.1822i	0.1342-0.1017i
48.9	0.2421+0.3567i	2.4867-0.1034i	0.5644+0.0076i	-1.7426-0.6056i	-0.0828+0.0517i	0.1002-0.3531i	0.1648+0.1587i	0.1370-0.1069i
49.0	0.2602+0.4494i	2.4959-0.1502i	0.4485-0.0951i	-1.7609-0.5202i	-0.0782+0.0269i	0.0615-0.3494i	0.1624+0.1093i	0.1330-0.1086i
49.1	0.3269+0.5077i	2.4667-0.1888i	0.3343-0.0809i	-1.7350-0.5826i	-0.0854+0.0056i	0.0248-0.3325i	0.1473+0.0743i	0.1306-0.1118i
49.2	0.3825+0.5226i	2.4340-0.1857i	0.2750-0.0576i	-1.7388-0.6373i	-0.0866+0.0108i	0.0184-0.3218i	0.1146+0.0605i	0.1393-0.1194i
49.3	0.4053+0.4645i	2.4669-0.1876i	0.2904-0.0097i	-1.7647-0.6160i	-0.0860+0.0167i	0.0025-0.3076i	0.0982+0.0557i	0.1286-0.1357i
49.4	0.3698+0.4446i	2.4761-0.2235i	0.3212-0.0609i	-1.6641-0.5758i	-0.0817+0.0169i	-0.0242-0.3191i	0.0874+0.0652i	0.1140-0.1363i
49.5	0.3733+0.4654i	2.4470-0.2191i	0.2453-0.0660i	-1.6042-0.6296i	-0.0794+0.0102i	-0.0416-0.3172i	0.0809+0.0644i	0.1285-0.1432i
49.6	0.4039+0.4802i	2.4328-0.2067i	0.1955-0.0074i	-1.5570-0.7378i	-0.0779+0.0070i	-0.0589-0.2867i	0.0767+0.0578i	0.1206-0.1566i
49.7	0.4103+0.4458i	2.4711-0.2149i	0.2301-0.0065i	-1.6160-0.7371i	-0.0729+0.0043i	-0.0482-0.2730i	0.0638+0.0516i	0.1010-0.1555i

49.8	0.3852+0.4064i	2.5020-0.2679i	0.2713-0.0182i	-1.6556-0.6274i	-0.0438-0.0023i	-0.0367-0.2807i	0.0624+0.0419i	0.0849-0.1484i
49.9	0.3545+0.4146i	2.4793-0.3253i	0.2917-0.0527i	-1.6054-0.6037i	-0.0338-0.0155i	-0.0559-0.2825i	0.0460+0.0387i	0.0832-0.1303i
50.0	0.3578+0.4426i	2.4838-0.3369i	0.2505-0.1006i	-1.6776-0.6158i	-0.0415-0.0286i	-0.0679-0.2742i	0.0240+0.0275i	0.0913-0.1192i
50.1	0.3847+0.4658i	2.5072-0.3256i	0.1929-0.0937i	-1.7117-0.6258i	-0.0564-0.0342i	-0.0788-0.2743i	0.0125+0.0254i	0.0880-0.1349i
50.2	0.4411+0.4932i	2.4838-0.3441i	0.0944-0.0906i	-1.6476-0.6351i	-0.0604-0.0507i	-0.1062-0.2788i	-0.0003+0.0240i	0.0853-0.1311i
50.3	0.4740+0.4475i	2.4913-0.3602i	0.0773-0.0282i	-1.5914-0.5565i	-0.0604-0.0530i	-0.1193-0.2629i	-0.0351+0.0271i	0.0879-0.1258i
50.4	0.4927+0.3756i	2.5471-0.3714i	0.1444+0.0675i	-1.7899-0.6913i	-0.0837-0.0588i	-0.1143-0.2528i	-0.0548+0.0169i	0.0897-0.1470i
50.5	0.4730+0.3547i	2.5655-0.4291i	0.1646+0.0472i	-1.8160-0.7802i	-0.1066-0.0674i	-0.1127-0.2515i	-0.0666+0.0144i	0.0870-0.1660i
50.6	0.4473+0.3468i	2.5922-0.4856i	0.1639-0.0074i	-1.8718-0.6641i	-0.1244-0.0606i	-0.1145-0.2547i	-0.0889+0.0333i	0.0865-0.1657i
50.7	0.4513+0.3581i	2.5584-0.5330i	0.1168-0.0019i	-1.9076-0.6970i	-0.1362-0.0531i	-0.1343-0.2559i	-0.0963+0.0506i	0.0789-0.1768i
50.8	0.4299+0.4172i	2.5090-0.5561i	0.0786+0.0107i	-1.7769-0.7831i	-0.1278-0.0630i	-0.1480-0.2379i	-0.0949+0.0502i	0.0809-0.1725i
50.9	0.5577+0.4410i	2.5309-0.5547i	-0.0039+0.0206i	-1.7875-0.7393i	-0.1316-0.0547i	-0.1519-0.2300i	-0.1094+0.0566i	0.0890-0.1801i
51.0	0.5980+0.2957i	2.5558-0.6135i	0.0054+0.1127i	-1.9209-0.6995i	-0.1460-0.0322i	-0.1394-0.2190i	-0.1414+0.0767i	0.0795-0.1828i
51.1	0.5639+0.2265i	2.5746-0.6728i	0.0401+0.1550i	-1.9333-0.6294i	-0.1426-0.0241i	-0.1430-0.2261i	-0.1519+0.0873i	0.0720-0.1902i
51.2	0.5008+0.1769i	2.5777-0.7627i	0.1076+0.1773i	-1.9595-0.5707i	-0.1447-0.0138i	-0.1771-0.2427i	-0.1487+0.1115i	0.0454-0.2054i
51.3	0.4796+0.1786i	2.5422-0.8149i	0.1151+0.1568i	-1.9861-0.6694i	-0.1528-0.0158i	-0.1942-0.2461i	-0.1531+0.1278i	0.0372-0.2109i
51.4	0.4776+0.1226i	2.5425-0.8016i	0.1458+0.2044i	-2.2328-0.6125i	-0.1877+0.0226i	-0.2086-0.2591i	-0.2018+0.1794i	0.0175-0.2025i
51.5	0.4402+0.1071i	2.5311-0.8359i	0.1671+0.1824i	-2.2582-0.5180i	-0.1909+0.0429i	-0.2339-0.2510i	-0.2050+0.2220i	0.0065-0.1928i
51.6	0.3874+0.0908i	2.5547-0.8836i	0.1930+0.1629i	-2.2131-0.4216i	-0.1821+0.0549i	-0.2716-0.2268i	-0.1882+0.2637i	0.0043-0.1705i
51.7	0.3337+0.0939i	2.5427-0.9065i	0.1969+0.1534i	-2.2079-0.4041i	-0.1856+0.0587i	-0.2976-0.2078i	-0.1897+0.2858i	-0.0081-0.1713i
51.8	0.2876+0.1201i	2.4684-0.9394i	0.1981+0.1526i	-2.1618-0.4032i	-0.1716+0.0632i	-0.3051-0.1811i	-0.1622+0.3069i	-0.0035-0.1686i
51.9	0.2214+0.1604i	2.4896-0.9487i	0.2692+0.1263i	-2.1502-0.3574i	-0.1593+0.0730i	-0.3096-0.1503i	-0.1309+0.3334i	0.0035-0.1536i
52.0	0.2722+0.2421i	2.4987-0.9785i	0.2256+0.0043i	-2.2081-0.3008i	-0.1563+0.0812i	-0.3300-0.1261i	-0.1324+0.3337i	-0.0036-0.1548i
52.1	0.3333+0.1851i	2.5080-1.0342i	0.1153+0.0372i	-2.1381-0.2084i	-0.1573+0.1103i	-0.3315-0.1058i	-0.1385+0.3462i	0.0025-0.1753i
52.2	0.2706+0.1189i	2.5075-1.0668i	0.1035+0.1340i	-2.0267-0.2507i	-0.1589+0.1293i	-0.2953-0.0721i	-0.1316+0.3779i	0.0182-0.1804i
52.3	0.2172+0.1382i	2.4995-1.0724i	0.1576+0.1144i	-2.1823-0.1466i	-0.1435+0.1610i	-0.3249-0.0730i	-0.1066+0.4401i	-0.0037-0.1656i
52.4	0.1832+0.1701i	2.4505-1.1137i	0.1758+0.0771i	-2.1162-0.3032i	-0.1308+0.1548i	-0.3416-0.0637i	-0.0993+0.4814i	-0.0062-0.1611i
52.5	0.1657+0.2623i	2.4276-1.1583i	0.1035-0.0268i	-2.0751-0.4279i	-0.1050+0.1871i	-0.3466-0.0479i	-0.0642+0.5259i	0.0061-0.1626i
52.6	0.2230+0.2638i	2.4642-1.1812i	0.0010+0.0423i	-2.1931-0.4067i	-0.0696+0.2117i	-0.3486-0.0295i	0.0152+0.5783i	-0.0007-0.1809i
52.7	0.2065+0.2089i	2.5332-1.2104i	0.0359+0.1622i	-2.3685-0.3929i	-0.0290+0.2235i	-0.3510-0.0013i	0.1302+0.6214i	-0.0020-0.1913i
52.8	0.1195+0.2144i	2.6065-1.2537i	0.1354+0.1782i	-2.4212-0.3356i	0.0219+0.2090i	-0.3650+0.0173i	0.2264+0.6041i	-0.0022-0.1934i
52.9	0.0940+0.2938i	2.6392-1.3076i	0.1312+0.0972i	-2.4332-0.3381i	0.0434+0.1666i	-0.3767+0.0391i	0.2716+0.5177i	-0.0229-0.1979i
53.0	0.1216+0.3455i	2.6749-1.3852i	0.0705+0.0596i	-2.5403-0.2391i	0.0570+0.1423i	-0.3863+0.0816i	0.2890+0.4668i	-0.0318-0.1919i
53.1	0.1681+0.3970i	2.7052-1.5155i	0.0241+0.0776i	-2.7481-0.1623i	0.0804+0.1292i	-0.3660+0.1070i	0.3126+0.4578i	-0.0286-0.1883i
53.2	0.2367+0.4089i	2.7529-1.6399i	-0.0942+0.1195i	-2.7652+0.0113i	0.0952+0.0942i	-0.3759+0.1494i	0.3289+0.4252i	-0.0207-0.2019i
53.3	0.2781+0.3802i	2.8170-1.7596i	-0.1557+0.2008i	-2.7939+0.1568i	0.1079+0.0644i	-0.3801+0.2024i	0.3327+0.4012i	-0.0177-0.2090i
53.4	0.2856+0.3110i	2.8299-1.9433i	-0.1350+0.3158i	-2.8391+0.4355i	0.1139+0.0245i	-0.3552+0.2597i	0.3587+0.3853i	-0.0286-0.2055i
53.5	0.2430+0.3101i	2.6672-2.0801i	-0.0174+0.3252i	-2.8872+0.6154i	0.0797-0.0166i	-0.3182+0.3119i	0.4069+0.3553i	-0.0358-0.2065i
53.6	0.2693+0.3765i	2.6098-2.1910i	-0.0556+0.2599i	-2.7571+0.6933i	0.0438-0.0277i	-0.2637+0.3545i	0.4349+0.3383i	-0.0414-0.2264i
53.7	0.3044+0.3249i	2.5960-2.3407i	-0.0771+0.4084i	-2.6422+0.7035i	0.0194-0.0112i	-0.1736+0.3764i	0.4742+0.3394i	-0.0634-0.2506i
53.8	0.2839+0.3255i	2.5507-2.4520i	-0.0463+0.4256i	-2.6900+0.8259i	0.0108+0.0019i	-0.1309+0.3593i	0.5322+0.3003i	-0.0833-0.2568i
53.9	0.3048+0.3062i	2.4618-2.5660i	-0.0274+0.5344i	-2.6892+0.8853i	-0.0090+0.0068i	-0.1192+0.3422i	0.5565+0.2481i	-0.1034-0.2705i
54.0	0.2726+0.2045i	2.3353-2.6761i	0.1010+0.6961i	-2.6179+1.1215i	-0.0108+0.0313i	-0.0834+0.3599i	0.5553+0.1889i	-0.1459-0.2674i
54.1	0.1355+0.1780i	2.2323-2.8999i	0.3591+0.6995i	-2.4528+1.3772i	0.0072+0.0402i	-0.0271+0.3602i	0.5759+0.1253i	-0.1977-0.2409i
54.2	0.1150+0.2860i	2.0976-3.0193i	0.3840+0.5117i	-2.3049+1.4112i	0.0153+0.0357i	0.0040+0.3636i	0.5648+0.0464i	-0.1960-0.2199i
54.3	0.2036+0.2667i	1.8922-3.0914i	0.3255+0.5643i	-2.2698+1.5271i	0.0136+0.0483i	0.0579+0.3584i	0.5259-0.0143i	-0.2189-0.2104i
54.4	0.1707+0.2124i	1.7127-3.1188i	0.4345+0.5948i	-2.1334+1.6598i	0.0218+0.0657i	0.1038+0.3273i	0.4945-0.0452i	-0.2333-0.1891i
54.5	0.1137+0.2196i	1.5217-3.1257i	0.5817+0.5607i	-1.9881+1.6210i	0.0399+0.0669i	0.1500+0.2853i	0.4816-0.0614i	-0.2465-0.1506i
54.6	0.0665+0.2383i	1.3243-3.0852i	0.6836+0.4669i	-1.8814+1.5432i	0.0528+0.0681i	0.1870+0.2219i	0.4619-0.0764i	-0.2572-0.1250i
54.7	0.0997+0.3220i	1.1884-3.0654i	0.6064+0.2907i	-1.9071+1.5340i	0.0541+0.0740i	0.1826+0.1956i	0.4413-0.1089i	-0.2550-0.1202i
54.8	0.1081+0.3427i	1.1266-3.0660i	0.5753+0.2969i	-1.8722+1.5602i	0.0825+0.0634i	0.2179+0.1613i	0.4304-0.1132i	-0.2789-0.1141i
54.9	0.0537+0.3110i	1.0482-3.0464i	0.6820+0.3336i	-1.8120+1.5907i	0.1080+0.0529i	0.2355+0.1014i	0.4205-0.1218i	-0.2965-0.0770i
55.0	0.0181+0.3804i	0.8671-3.0645i	0.7146+0.2184i	-1.5856+1.6086i	0.1284+0.0175i	0.2156+0.0352i	0.3965-0.1606i	-0.2830-0.0239i
55.1	0.0112+0.4774i	0.7230-3.0839i	0.6619+0.0802i	-1.4157+1.5196i	0.1313-0.0189i	0.1826-0.0111i	0.3810-0.1697i	-0.2664-0.0011i
55.2	0.0180+0.5241i	0.6199-3.0763i	0.6350+0.0184i	-1.3253+1.4890i	0.1257-0.0519i	0.1469-0.0501i	0.3789-0.1772i	-0.2548+0.0131i
55.3	0.0559+0.5039i	0.5392-2.9784i	0.6139+0.0446i	-1.3234+1.5945i	0.1307-0.0703i	0.1042-0.0655i	0.3495-0.1944i	-0.2357+0.0283i
55.4	0.1007+0.5417i	0.4495-2.9663i	0.5732+0.0097i	-1.3763+1.6056i	0.1180-0.0798i	0.0762-0.0592i	0.3260-0.2248i	-0.2167+0.0579i
55.5	0.1212+0.5738i	0.3083-2.9964i	0.5237-0.0236i	-1.1618+1.7120i	0.1124-0.1220i	0.0640-0.0684i	0.2804-0.2549i	-0.1908+0.0654i
55.6	0.1526+0.5937i	0.1564-2.9784i	0.5344-0.0078i	-1.0179+1.6009i	0.0917-0.1399i	0.0534-0.0752i	0.2611-0.2757i	-0.1846+0.0683i
55.7	0.1905+0.5891i	0.0662-2.8841i	0.5594-0.0347i	-1.0622+1.5151i	0.0486-0.1222i	0.0262-0.0553i	0.2303-0.2805i	-0.1659+0.0838i
55.8	0.1998+0.6162i	-0.0402-2.8186i	0.5367-0.0573i	-0.8761+1.4136i	0.0158-0.1386i	-0.0098-0.0430i	0.2010-0.2634i	-0.1352+0.0817i
55.9	0.2471+0.6091i	-0.1265-2.7067i	0.4936-0.0702i	-0.9337+1.3952i	-0.0015-0.1224i	-0.0230-0.0351i	0.1864-0.2652i	-0.1281+0.0681i
56.0	0.2844+0.6032i	-0.2069-2.6143i	0.4214-0.1042i	-0.8894+1.4316i	-0.0086-0.1073i	-0.0339-0.0138i	0.1650-0.2647i	-0.1177+0.0527i

56.1	0.3113+0.5980i	-0.3253-2.5233i	0.3811-0.0781i	-0.7863+1.4021i	-0.0168-0.1111i	-0.0341-0.0030i	0.1384-0.2586i	-0.1196+0.0833i
56.2	0.3196+0.5626i	-0.4028-2.4339i	0.3778-0.0848i	-0.6816+1.4111i	-0.0283-0.1112i	-0.0488-0.0119i	0.1134-0.2472i	-0.0904+0.0853i
56.3	0.3481+0.5558i	-0.4195-2.3479i	0.3767-0.1025i	-0.7218+1.2268i	-0.0525-0.0929i	-0.0812+0.0064i	0.1094-0.2488i	-0.0982+0.0748i
56.4	0.3829+0.5562i	-0.4541-2.2384i	0.3585-0.0996i	-0.7748+1.0868i	-0.0620-0.0699i	-0.0718+0.0173i	0.0762-0.2217i	-0.0808+0.0679i
56.5	0.4096+0.5253i	-0.4970-2.1348i	0.3214-0.0539i	-0.8439+1.1154i	-0.0568-0.0439i	-0.0571+0.0323i	0.0510-0.2100i	-0.0744+0.0518i
56.6	0.4043+0.4735i	-0.5183-2.0334i	0.3020-0.0157i	-0.7774+1.2645i	-0.0403-0.0249i	-0.0372+0.0564i	0.0414-0.1961i	-0.0712+0.0470i
56.7	0.3815+0.4807i	-0.4982-1.9670i	0.3172-0.0123i	-0.6272+1.1866i	-0.0360-0.0399i	-0.0221+0.0629i	0.0346-0.1870i	-0.0678+0.0410i
56.8	0.3863+0.4841i	-0.5123-1.9322i	0.3158-0.0586i	-0.5874+1.1943i	-0.0394-0.0464i	-0.0380+0.0616i	0.0181-0.1801i	-0.0653+0.0480i
56.9	0.3797+0.4824i	-0.5352-1.8744i	0.3270-0.0334i	-0.5079+1.0952i	-0.0448-0.0477i	-0.0368+0.0565i	0.0164-0.1660i	-0.0637+0.0469i
57.0	0.3582+0.4678i	-0.5033-1.8190i	0.3243-0.0198i	-0.4009+1.1444i	-0.0343-0.0496i	-0.0273+0.0614i	0.0168-0.1476i	-0.0621+0.0415i
57.1	0.3762+0.4602i	-0.5236-1.7824i	0.2683-0.0375i	-0.3938+1.1154i	-0.0243-0.0562i	-0.0133+0.0654i	0.0055-0.1303i	-0.0738+0.0573i
57.2	0.4121+0.4471i	-0.5298-1.7000i	0.2548-0.0120i	-0.5364+1.0682i	-0.0219-0.0509i	-0.0038+0.0652i	0.0106-0.1238i	-0.0695+0.0620i
57.3	0.4085+0.4446i	-0.5243-1.6563i	0.2757-0.0081i	-0.5423+1.0324i	-0.0271-0.0441i	-0.0141+0.0686i	0.0213-0.1143i	-0.0577+0.0645i
57.4	0.3826+0.4601i	-0.5256-1.6467i	0.3132+0.0053i	-0.4019+0.9335i	-0.0354-0.0431i	-0.0167+0.0695i	0.0224-0.1095i	-0.0577+0.0691i
57.5	0.3889+0.4299i	-0.5155-1.5616i	0.2739+0.0460i	-0.3745+0.9583i	-0.0384-0.0347i	0.0042+0.0780i	0.0215-0.0954i	-0.0442+0.0566i
57.6	0.4131+0.4466i	-0.5545-1.4782i	0.2692+0.0704i	-0.5326+0.7985i	-0.0362-0.0285i	0.0007+0.0764i	0.0325-0.0797i	-0.0318+0.0557i
57.7	0.3813+0.4449i	-0.5603-1.5114i	0.3202+0.0747i	-0.2856+0.8086i	-0.0411-0.0279i	0.0136+0.0891i	0.0310-0.1003i	-0.0363+0.0555i
57.8	0.4027+0.4763i	-0.5994-1.4673i	0.3468+0.0506i	-0.3614+0.6173i	-0.0422-0.0262i	0.0222+0.0816i	0.0297-0.0879i	-0.0157+0.0580i
57.9	0.4149+0.4778i	-0.5481-1.4711i	0.3974+0.0027i	-0.4813+0.6361i	-0.0334-0.0205i	0.0287+0.0818i	0.0385-0.0929i	-0.0263+0.0457i
58.0	0.4118+0.4481i	-0.5296-1.4595i	0.3926-0.0159i	-0.4752+0.7722i	-0.0175-0.0191i	0.0446+0.0720i	0.0434-0.0968i	-0.0406+0.0315i
58.1	0.4272+0.4636i	-0.5937-1.4253i	0.3512-0.0163i	-0.5209+0.6891i	-0.0234-0.0167i	0.0438+0.0826i	0.0479-0.1040i	-0.0328+0.0377i
58.2	0.4564+0.4695i	-0.6246-1.3471i	0.3528-0.0551i	-0.5992+0.6285i	-0.0339-0.0268i	0.0427+0.0778i	0.0403-0.0938i	-0.0149+0.0438i
58.3	0.4541+0.4441i	-0.5988-1.3325i	0.3287-0.0478i	-0.5194+0.7328i	-0.0253-0.0293i	0.0542+0.0727i	0.0303-0.0990i	-0.0147+0.0420i
58.4	0.4790+0.4945i	-0.6455-1.3434i	0.3219-0.0607i	-0.4991+0.4734i	-0.0350-0.0355i	0.0602+0.0797i	0.0302-0.0943i	-0.0093+0.0525i
58.5	0.4886+0.4397i	-0.6290-1.2836i	0.2856-0.0410i	-0.5355+0.6811i	-0.0396-0.0232i	0.0513+0.0705i	0.0428-0.1113i	-0.0188+0.0061i
58.6	0.5110+0.4318i	-0.6449-1.2626i	0.2980-0.0569i	-0.6284+0.6713i	-0.0582-0.0242i	0.0264+0.0652i	0.0560-0.1274i	0.0043-0.0034i
58.7	0.5302+0.4175i	-0.6470-1.2121i	0.3247-0.0342i	-0.6569+0.6541i	-0.0646-0.0281i	0.0147+0.0420i	0.0841-0.1226i	0.0020+0.0012i
58.8	0.5525+0.4229i	-0.6676-1.1822i	0.2848-0.0496i	-0.7432+0.6166i	-0.0451-0.0162i	0.0563+0.0380i	0.0533-0.1067i	-0.0266-0.0006i
58.9	0.5535+0.3731i	-0.6237-1.1033i	0.3184+0.0087i	-0.6777+0.6993i	-0.0396-0.0032i	0.0767+0.0387i	0.0520-0.0995i	-0.0467-0.0110i
59.0	0.5454+0.3640i	-0.6438-1.0937i	0.3213-0.0080i	-0.6534+0.7419i	-0.0144+0.0220i	0.0872+0.0430i	0.0594-0.0839i	-0.0609-0.0013i
59.1	0.5449+0.3360i	-0.6264-1.0537i	0.3129-0.0290i	-0.6740+0.8098i	-0.0010+0.0021i	0.0803+0.0320i	0.0715-0.1104i	-0.0638+0.0061i
59.2	0.5695+0.3151i	-0.6114-0.9921i	0.3041-0.0294i	-0.6935+0.8303i	-0.0217-0.0164i	0.0568+0.0153i	0.0631-0.1335i	-0.0616+0.0110i
59.3	0.5826+0.3307i	-0.6441-0.9679i	0.3144-0.0372i	-0.6943+0.7358i	-0.0423-0.0189i	0.0526-0.0057i	0.0607-0.1319i	-0.0646+0.0086i
59.4	0.5454+0.3454i	-0.6145-0.9822i	0.3654-0.0427i	-0.5836+0.6293i	-0.0440-0.0214i	0.0465-0.0099i	0.0584-0.1156i	-0.0610+0.0171i
59.5	0.5580+0.3047i	-0.6478-0.9230i	0.3029-0.0349i	-0.6394+0.7539i	-0.0294-0.0106i	0.0552-0.0186i	0.0460-0.1300i	-0.0488+0.0246i
59.6	0.5642+0.2991i	-0.6668-0.8985i	0.2896-0.0471i	-0.6239+0.7201i	-0.0301-0.0160i	0.0557-0.0292i	0.0446-0.1397i	-0.0373+0.0335i
59.7	0.5684+0.3059i	-0.6223-0.8712i	0.3230-0.0093i	-0.6344+0.6351i	-0.0291-0.0069i	0.0453-0.0148i	0.0442-0.1375i	-0.0257+0.0412i
59.8	0.5637+0.2737i	-0.5977-0.8449i	0.3432-0.0163i	-0.6324+0.7430i	-0.0295-0.0137i	0.0386-0.0054i	0.0314-0.1534i	-0.0318+0.0441i
59.9	0.5392+0.2653i	-1.0960+0.7918i	-0.1320+1.4902i	-0.6215+0.7737i	-0.0275-0.0221i	0.0290-0.0122i	0.0199-0.1653i	-0.0394+0.0307i
60.0	0.5273+0.2837i	-3.2289+4.0915i	-2.1656+4.5688i	-0.6986+0.7428i	-0.0317-0.0132i	0.0209-0.0017i	0.0225-0.1728i	-0.0537+0.0417i
60.1	0.5566+0.2761i	-0.7114+0.4647i	0.2186+1.1084i	-0.6504+0.6369i	-0.0322-0.0265i	0.0317+0.0078i	0.0196-0.1761i	-0.0370+0.0510i
60.2	0.5378+0.2027i	-0.5795-0.7011i	0.3098-0.0143i	-0.5574+0.7889i	-0.0248-0.0542i	0.0199-0.0286i	-0.0022-0.1819i	-0.0349+0.0353i
60.3	0.5213+0.2111i	-0.5908-0.7311i	0.3290-0.0392i	-0.4553+0.7332i	-0.0284-0.0407i	0.0043-0.0489i	-0.0177-0.1691i	-0.0326+0.0578i
60.4	0.5128+0.2056i	-0.5837-0.7593i	0.3392-0.1036i	-0.4959+0.7393i	-0.0278-0.0422i	0.0074-0.0337i	-0.0506-0.1830i	-0.0263+0.0921i
60.5	0.5142+0.2205i	-0.5911-0.7211i	0.3265-0.1140i	-0.5691+0.7016i	-0.0352-0.0469i	0.0067-0.0156i	-0.0609-0.1928i	-0.0079+0.0862i
60.6	0.5046+0.2200i	-0.5221-0.6991i	0.3639-0.1052i	-0.4912+0.6714i	-0.0628-0.0462i	-0.0164-0.0214i	-0.0911-0.1719i	0.0085+0.0717i
60.7	0.5069+0.2013i	-0.4908-0.7154i	0.3599-0.1315i	-0.4611+0.7072i	-0.0875-0.0510i	-0.0371-0.0199i	-0.1308-0.1442i	0.0496+0.0715i
60.8	0.4904+0.1856i	-0.5239-0.6900i	0.3253-0.1403i	-0.5140+0.7619i	-0.0903-0.0425i	-0.0624+0.0078i	-0.1527-0.1401i	0.0636+0.0714i
60.9	0.5089+0.2221i	-0.5662-0.6507i	0.3003-0.1232i	-0.6083+0.6511i	-0.0850-0.0214i	-0.0564+0.0234i	-0.1363-0.1192i	0.0746+0.0314i
61.0	0.5110+0.2348i	-0.5421-0.6785i	0.3014-0.1400i	-0.5639+0.6174i	-0.0646-0.0040i	-0.0399+0.0559i	-0.1101-0.1045i	0.0481+0.0226i
61.1	0.4952+0.2106i	-0.5206-0.6950i	0.3050-0.1411i	-0.5056+0.6587i	-0.0558+0.0028i	-0.0278+0.0734i	-0.1012-0.0909i	0.0459+0.0275i
61.2	0.5511+0.2044i	-0.5368-0.6099i	0.3285-0.1036i	-0.6429+0.6821i	-0.0450-0.0023i	0.0087+0.0604i	-0.0924-0.0856i	0.0323-0.0062i
61.3	0.5428+0.2040i	-0.5483-0.5872i	0.3004-0.1015i	-0.6031+0.7100i	-0.0433-0.0119i	0.0136+0.0640i	-0.1043-0.0847i	0.0326+0.0012i
61.4	0.5186+0.1763i	-0.5119-0.5916i	0.3109-0.0993i	-0.4759+0.7111i	-0.0356-0.0159i	0.0139+0.0673i	-0.1042-0.0743i	0.0346+0.0105i
61.5	0.5073+0.1420i	-0.4893-0.5662i	0.2644-0.0950i	-0.4421+0.8215i	-0.0221-0.0167i	0.0269+0.0464i	-0.1155-0.0596i	0.0264+0.0119i
61.6	0.5129+0.1474i	-0.5150-0.5592i	0.2444-0.1338i	-0.4948+0.7908i	-0.0319-0.0186i	0.0326+0.0379i	-0.1191-0.0670i	0.0217+0.0066i
61.7	0.5067+0.1638i	-0.5177-0.5607i	0.2881-0.1173i	-0.4431+0.6702i	-0.0375-0.0161i	0.0237+0.0363i	-0.0991-0.0673i	0.0252+0.0080i
61.8	0.4955+0.1737i	-0.5010-0.5716i	0.2911-0.1203i	-0.3818+0.6391i	-0.0392-0.0149i	0.0109+0.0405i	-0.0940-0.0631i	0.0250+0.0058i
61.9	0.4544+0.1295i	-0.4270-0.5593i	0.3407-0.1518i	-0.2824+0.7365i	-0.0499-0.0120i	0.0210+0.0375i	-0.0955-0.0526i	0.0213+0.0052i
62.0	0.4758+0.1397i	-0.4630-0.5314i	0.3034-0.1626i	-0.3641+0.7109i	-0.0481+0.0054i	0.0181+0.0450i	-0.0858-0.0357i	0.0079-0.0146i
62.1	0.4959+0.1171i	-0.4628-0.5106i	0.3245-0.1695i	-0.4411+0.7827i	-0.0487-0.0009i	0.0115+0.0490i	-0.1012-0.0309i	0.0179-0.0243i
62.2	0.4818+0.1543i	-0.4426-0.5010i	0.3750-0.1157i	-0.3990+0.6214i	-0.0547-0.0228i	0.0074+0.0339i	-0.0934-0.0311i	0.0192-0.0258i
62.3	0.5057+0.1491i	-0.4906-0.4684i	0.3200-0.1526i	-0.4890+0.6502i	-0.0500-0.0203i	0.0308+0.0459i	-0.1073-0.0314i	0.0177-0.0194i

62.4	0.4959+0.1008i	-0.4663-0.4419i	0.2942-0.1743i	-0.4178+0.7369i	-0.0357-0.0102i	0.0435+0.0510i	-0.1060-0.0201i	0.0142-0.0083i
62.5	0.4616+0.1380i	-0.4512-0.4618i	0.2900-0.1459i	-0.2996+0.5729i	-0.0243-0.0115i	0.0553+0.0310i	-0.0913-0.0149i	0.0316-0.0133i
62.6	0.4467+0.1094i	-0.4166-0.4544i	0.2927-0.1381i	-0.2686+0.6890i	-0.0350-0.0155i	0.0550+0.0234i	-0.1147+0.0013i	0.0319+0.0015i
62.7	0.4269+0.0715i	-0.4228-0.4777i	0.2557-0.2093i	-0.2250+0.6945i	-0.0453-0.0106i	0.0528+0.0288i	-0.0981-0.0030i	0.0171-0.0067i
62.8	0.3918+0.0694i	-0.3937-0.4590i	0.2247-0.1924i	-0.1487+0.7114i	-0.0470-0.0198i	0.0682+0.0368i	-0.0808+0.0163i	0.0231-0.0214i
62.9	0.4035+0.0850i	-0.3958-0.4543i	0.2441-0.2033i	-0.1936+0.7027i	-0.0358-0.0113i	0.0756+0.0338i	-0.0931+0.0324i	0.0222-0.0401i
63.0	0.4023+0.0986i	-0.4066-0.4498i	0.2310-0.1887i	-0.1921+0.6294i	-0.0371-0.0117i	0.0679+0.0334i	-0.0816+0.0203i	0.0158-0.0261i
63.1	0.3802+0.0586i	-0.3649-0.4132i	0.2400-0.1751i	-0.1313+0.7155i	-0.0511-0.0154i	0.0664+0.0440i	-0.0716+0.0269i	0.0120-0.0172i
63.2	0.3755+0.0713i	-0.3517-0.4081i	0.2085-0.1419i	-0.1103+0.6820i	-0.0487-0.0159i	0.0813+0.0357i	-0.0610+0.0329i	0.0063-0.0193i
63.3	0.4053+0.0309i	-0.3230-0.3617i	0.2210-0.1659i	-0.2180+0.7804i	-0.0544-0.0144i	0.0827+0.0129i	-0.0760+0.0461i	0.0127-0.0240i
63.4	0.4158+0.0313i	-0.3298-0.3542i	0.2364-0.1692i	-0.2486+0.7902i	-0.0490-0.0019i	0.0895+0.0160i	-0.0698+0.0662i	0.0045-0.0390i
63.5	0.4378+0.0492i	-0.3966-0.3501i	0.2117-0.2034i	-0.3115+0.7320i	-0.0564+0.0075i	0.1050+0.0253i	-0.0633+0.0628i	-0.0023-0.0473i
63.6	0.3895+0.0260i	-0.3558-0.3521i	0.2163-0.1814i	-0.2309+0.7587i	-0.0623+0.0064i	0.0833+0.0178i	-0.0482+0.0512i	-0.0023-0.0299i
63.7	0.3784+0.0318i	-0.3431-0.3605i	0.1890-0.1789i	-0.1654+0.7264i	-0.0508+0.0174i	0.0710+0.0047i	-0.0285+0.0426i	-0.0126-0.0279i
63.8	0.4210+0.0516i	-0.3830-0.3570i	0.2324-0.1757i	-0.2954+0.6537i	-0.0486+0.0182i	0.0781-0.0010i	-0.0414+0.0353i	-0.0135-0.0282i
63.9	0.4036+0.0331i	-0.3768-0.3766i	0.2549-0.2245i	-0.3011+0.6634i	-0.0608+0.0199i	0.0799-0.0090i	-0.0343+0.0424i	-0.0042-0.0420i
64.0	0.3855+0.0025i	-0.3564-0.3585i	0.2562-0.2327i	-0.2812+0.7341i	-0.0641+0.0057i	0.0801-0.0315i	-0.0204+0.0392i	-0.0035-0.0435i
64.1	0.3819+0.0070i	-0.3215-0.3410i	0.2596-0.2031i	-0.2239+0.6919i	-0.0539+0.0005i	0.0937-0.0257i	0.0015+0.0463i	-0.0157-0.0484i
64.2	0.3492-0.0077i	-0.3144-0.2923i	0.2182-0.1957i	-0.1917+0.7288i	-0.0649+0.0018i	0.0769-0.0495i	0.0143+0.0390i	-0.0294-0.0410i
64.3	0.3771+0.0217i	-0.3634-0.2944i	0.2071-0.1538i	-0.2413+0.6027i	-0.0596+0.0068i	0.0738-0.0536i	-0.0060+0.0134i	-0.0160-0.0292i
64.4	0.4332-0.0161i	-0.3750-0.2538i	0.2558-0.1790i	-0.3934+0.6635i	-0.0515+0.0175i	0.0633-0.0450i	-0.0165+0.0143i	-0.0058-0.0217i
64.5	0.3698-0.0150i	-0.3593-0.2585i	0.1930-0.1775i	-0.2342+0.7219i	-0.0465+0.0262i	0.0591-0.0590i	0.0067+0.0099i	-0.0222-0.0169i
64.6	0.3277+0.0500i	-0.3428-0.3384i	0.2252-0.1596i	-0.1055+0.5304i	-0.0560+0.0128i	0.0386-0.0379i	0.0198-0.0260i	-0.0092-0.0060i
64.7	0.3270+0.0295i	-0.3123-0.3191i	0.2205-0.1586i	-0.1212+0.5883i	-0.0405+0.0008i	0.0175-0.0253i	0.0037-0.0121i	0.0033-0.0100i
64.8	0.3100+0.0397i	-0.2926-0.3137i	0.1938-0.1328i	-0.0656+0.5664i	-0.0154+0.0077i	0.0128-0.0242i	-0.0162-0.0167i	0.0021-0.0076i
64.9	0.3004-0.0058i	-0.2517-0.2679i	0.1962-0.1479i	-0.0375+0.6760i	0.0038+0.0104i	0.0226-0.0471i	-0.0111-0.0135i	0.0045-0.0218i
65.0	0.3043-0.0241i	-0.2922-0.2380i	0.1661-0.1986i	-0.0805+0.7003i	-0.0123+0.0230i	0.0260-0.0557i	-0.0108-0.0287i	-0.0063-0.0165i
65.1	0.3176+0.0069i	-0.2948-0.2636i	0.2208-0.1750i	-0.1151+0.5708i	-0.0194+0.0029i	0.0231-0.0350i	-0.0401+0.0019i	0.0180-0.0352i
65.2	0.2977+0.0385i	-0.2800-0.2981i	0.2121-0.1664i	-0.0655+0.5059i	-0.0148+0.0039i	0.0117-0.0326i	-0.0082-0.0072i	-0.0052-0.0231i
65.3	0.2795+0.0310i	-0.2464-0.2785i	0.2225-0.1551i	-0.0461+0.5367i	-0.0164-0.0049i	-0.0010-0.0305i	-0.0158-0.0274i	0.0078-0.0073i
65.4	0.2799+0.0281i	-0.2439-0.2500i	0.2124-0.1030i	-0.0434+0.5336i	-0.0026-0.0073i	0.0100-0.0249i	-0.0115-0.0360i	0.0116+0.0056i
65.5	0.3112+0.0150i	-0.2840-0.2304i	0.2320-0.1581i	-0.1407+0.5195i	-0.0045-0.0051i	0.0042-0.0289i	-0.0193-0.0136i	0.0028-0.0286i
65.6	0.2939+0.0090i	-0.2799-0.2208i	0.2002-0.1832i	-0.1312+0.5553i	-0.0089-0.0015i	0.0098-0.0168i	-0.0356-0.0177i	0.0130-0.0445i
65.7	0.2875+0.0310i	-0.2481-0.2337i	0.2017-0.1375i	-0.0773+0.5222i	0.0048-0.0138i	0.0201+0.0062i	-0.0337-0.0242i	0.0260-0.0280i
65.8	0.3003+0.0408i	-0.2685-0.2393i	0.2621-0.1682i	-0.1187+0.3973i	-0.0077-0.0260i	0.0174-0.0120i	-0.0297-0.0383i	0.0196-0.0377i
65.9	0.2889+0.0391i	-0.2633-0.2294i	0.2484-0.1486i	-0.1181+0.4026i	0.0008-0.0369i	0.0203-0.0149i	-0.0253-0.0255i	0.0102-0.0441i
66.0	0.2614+0.0120i	-0.1990-0.2106i	0.2255-0.1611i	-0.0847+0.5207i	-0.0077-0.0387i	0.0044+0.0008i	-0.0483-0.0349i	0.0052-0.0265i
66.1	0.2398-0.0052i	-0.2111-0.1719i	0.1501-0.1860i	-0.0687+0.5830i	-0.0045-0.0339i	0.0027-0.0108i	-0.0243-0.0246i	-0.0192-0.0380i
66.2	0.2361+0.0124i	-0.2029-0.1953i	0.1585-0.1806i	-0.0493+0.5306i	-0.0243-0.0203i	0.0255+0.0147i	-0.0651-0.0242i	-0.0047-0.0389i
66.3	0.2529-0.0056i	-0.1946-0.1797i	0.1958-0.1690i	-0.0998+0.5314i	-0.0233-0.0357i	0.0242+0.0110i	-0.0791-0.0396i	0.0067-0.0300i
66.4	0.2567+0.0071i	-0.1952-0.1827i	0.2335-0.1285i	-0.1079+0.4884i	-0.0227-0.0495i	0.0146+0.0027i	-0.0747-0.0301i	0.0113-0.0385i
66.5	0.2576+0.0242i	-0.2189-0.2088i	0.1985-0.1755i	-0.0714+0.4428i	-0.0269-0.0380i	0.0300-0.0104i	-0.0601+0.0160i	-0.0027-0.0585i
66.6	0.2511+0.0337i	-0.2111-0.2089i	0.2041-0.1508i	-0.0757+0.4125i	-0.0410-0.0395i	0.0213-0.0105i	-0.0552-0.0016i	-0.0132-0.0512i
66.7	0.2470+0.0528i	-0.2009-0.2210i	0.2143-0.1219i	-0.0435+0.3807i	-0.0530-0.0438i	0.0207-0.0082i	-0.0651-0.0030i	0.0012-0.0502i
66.8	0.2476+0.0679i	-0.1951-0.2176i	0.2367-0.1126i	-0.0050+0.3751i	-0.0621-0.0525i	0.0297+0.0117i	-0.0863+0.0053i	0.0274-0.0610i
66.9	0.2554+0.0614i	-0.1860-0.1987i	0.2340-0.1255i	-0.0257+0.3753i	-0.0293-0.0395i	0.0379+0.0093i	-0.0579+0.0194i	0.0079-0.0658i
67.0	0.2356+0.0597i	-0.1863-0.2074i	0.1916-0.1227i	-0.0173+0.3415i	-0.0272-0.0282i	0.0356-0.0111i	-0.0325+0.0161i	-0.0172-0.0631i
67.1	0.2468+0.0579i	-0.2084-0.1975i	0.1853-0.1510i	-0.0742+0.3390i	-0.0677-0.0206i	0.0312-0.0010i	-0.0560+0.0252i	-0.0158-0.0750i
67.2	0.2155+0.0740i	-0.1888-0.1982i	0.1824-0.1078i	-0.0114+0.3513i	-0.0717-0.0326i	0.0173+0.0111i	-0.0499+0.0119i	-0.0226-0.0722i
67.3	0.2097+0.0661i	-0.1660-0.1935i	0.1624-0.1110i	0.0194+0.3327i	-0.0743-0.0307i	0.0094+0.0079i	-0.0425+0.0267i	-0.0237-0.0728i
67.4	0.2341+0.0439i	-0.1654-0.1797i	0.1651-0.1253i	-0.0320+0.3650i	-0.0545-0.0240i	0.0176-0.0009i	-0.0340+0.0437i	-0.0231-0.0798i
67.5	0.2305+0.0684i	-0.1699-0.2195i	0.2100-0.0974i	0.0012+0.2849i	-0.0639-0.0316i	0.0068-0.0073i	-0.0270+0.0384i	-0.0285-0.0758i
67.6	0.2440+0.0860i	-0.1767-0.1989i	0.2260-0.0877i	-0.0373+0.2440i	-0.0738+0.0133i	0.0282+0.0126i	-0.0456+0.0578i	-0.0190-0.0918i
67.7	0.2523+0.0745i	-0.1622-0.1714i	0.2157-0.0752i	-0.0711+0.3130i	-0.0632+0.0119i	0.0271+0.0265i	-0.0291+0.0380i	-0.0399-0.0815i
67.8	0.2237+0.0538i	-0.1435-0.1735i	0.1878-0.0403i	0.0005+0.3511i	-0.0286-0.0118i	0.0337+0.0296i	-0.0139+0.0315i	-0.0404-0.0648i
67.9	0.2417+0.0703i	-0.1450-0.1615i	0.2307-0.0168i	-0.0146+0.2866i	-0.0501-0.0166i	0.0211+0.0164i	-0.0091+0.0309i	-0.0424-0.0700i
68.0	0.2388+0.0732i	-0.1358-0.1648i	0.2258-0.0222i	-0.0071+0.2619i	-0.0650-0.0121i	0.0249+0.0218i	0.0027+0.0253i	-0.0529-0.0746i
68.1	0.2474+0.0716i	-0.1330-0.1618i	0.2368-0.0299i	-0.0234+0.2904i	-0.0557-0.0175i	0.0123+0.0320i	0.0100+0.0187i	-0.0651-0.0669i
68.2	0.2596+0.0633i	-0.1454-0.1636i	0.2492-0.0628i	-0.0672+0.2597i	-0.0530+0.0034i	0.0304+0.0320i	0.0081+0.0207i	-0.0805-0.0648i
68.3	0.2646+0.0687i	-0.1300-0.1613i	0.2758-0.0172i	-0.0682+0.2383i	-0.0379-0.0147i	0.0478+0.0298i	0.0194-0.0023i	-0.0877-0.0589i
68.4	0.2522+0.0666i	-0.0890-0.1522i	0.2848+0.0144i	-0.0470+0.2701i	-0.0137-0.0275i	0.0514+0.0304i	0.0058-0.0278i	-0.0804-0.0398i
68.5	0.2311+0.0540i	-0.1048-0.1542i	0.2329-0.0328i	-0.0701+0.3070i	-0.0146-0.0230i	0.0403+0.0353i	0.0143-0.0210i	-0.0807-0.0307i
68.6	0.2560+0.0638i	-0.1125-0.1553i	0.3001-0.0359i	-0.1020+0.2586i	-0.0277-0.0266i	0.0439+0.0155i	0.0043-0.0038i	-0.0825-0.0283i

68.7	0.2795+0.0721i	-0.1181-0.1556i	0.3585-0.0034i	-0.0763+0.1985i	-0.0320-0.0421i	0.0637+0.0047i	-0.0043-0.0036i	-0.0829-0.0469i
68.8	0.2741+0.0509i	-0.1119-0.1435i	0.3561-0.0022i	-0.0612+0.2406i	-0.0466-0.0529i	0.0672+0.0044i	-0.0071-0.0040i	-0.0736-0.0461i
68.9	0.2656+0.0335i	-0.0831-0.1420i	0.3605-0.0041i	-0.0130+0.2365i	-0.0463-0.0641i	0.0646+0.0006i	-0.0327-0.0076i	-0.0493-0.0189i
69.0	0.2447+0.0321i	-0.0773-0.1478i	0.3404-0.0271i	-0.0172+0.2178i	-0.0237-0.0629i	0.0865+0.0076i	-0.0241-0.0283i	-0.0560-0.0121i
69.1	0.2651+0.0175i	-0.0824-0.1505i	0.3783-0.0642i	-0.0321+0.2182i	-0.0407-0.0687i	0.0892-0.0050i	0.0000-0.0408i	-0.0720-0.0281i
69.2	0.2381-0.0257i	-0.0517-0.1417i	0.3861-0.1355i	-0.0224+0.2259i	-0.0667-0.0569i	0.0747-0.0075i	0.0053-0.0596i	-0.0850-0.0111i
69.3	0.2329-0.0182i	-0.0498-0.1280i	0.4122-0.0646i	-0.0136+0.2419i	-0.0662-0.0835i	0.0762-0.0002i	-0.0257-0.0642i	-0.0654-0.0043i
69.4	0.2564+0.0139i	-0.0557-0.1318i	0.4367-0.0380i	0.0015+0.2359i	-0.0764-0.0940i	0.0830+0.0037i	-0.0329-0.0602i	-0.0598-0.0215i
69.5	0.2547-0.0245i	-0.0511-0.1004i	0.3966-0.1080i	-0.0695+0.2312i	-0.0791-0.0873i	0.0710+0.0024i	-0.0052-0.0798i	-0.0751-0.0068i
69.6	0.2745-0.0034i	-0.0521-0.1096i	0.4583-0.0839i	-0.0475+0.1756i	-0.0873-0.0809i	0.0741-0.0246i	-0.0114-0.0840i	-0.0877-0.0017i
69.7	0.2557-0.0003i	-0.0277-0.1171i	0.4742-0.0641i	-0.0168+0.1468i	-0.0864-0.0811i	0.0620-0.0300i	-0.0177-0.0795i	-0.0868+0.0034i
69.8	0.2153-0.0105i	-0.0152-0.1273i	0.4250-0.0842i	-0.0176+0.1575i	-0.1099-0.0727i	0.0659-0.0205i	-0.0469-0.0910i	-0.0720+0.0117i
69.9	0.2518+0.0010i	-0.0352-0.1215i	0.4774-0.0933i	-0.0219+0.1276i	-0.1341-0.0659i	0.0520-0.0217i	-0.0552-0.0885i	-0.0743+0.0016i
70.0	0.2867-0.0027i	-0.0059-0.0839i	0.5808-0.0589i	-0.0289+0.1101i	-0.1331-0.0627i	0.0660-0.0210i	-0.0643-0.1006i	-0.0781+0.0069i
70.1	0.2498-0.0383i	0.0106-0.0791i	0.5023-0.1075i	-0.0856+0.1449i	-0.1382-0.0627i	0.0483-0.0173i	-0.0505-0.1145i	-0.0917+0.0110i
70.2	0.2353-0.0596i	-0.0013-0.1145i	0.4761-0.1499i	-0.1353+0.1113i	-0.1405-0.0602i	0.0306-0.0306i	-0.0518-0.1027i	-0.0967+0.0058i
70.3	0.2190-0.1199i	0.0443-0.0943i	0.4919-0.1338i	-0.0880+0.1568i	-0.1177-0.0650i	0.0609-0.0218i	-0.0633-0.0760i	-0.0768-0.0068i
70.4	0.2271-0.0587i	0.0390-0.1175i	0.5340-0.0906i	-0.0721+0.1266i	-0.1285-0.0567i	0.0529+0.0055i	-0.1064-0.0776i	-0.0625+0.0043i
70.5	0.2374-0.0644i	0.0229-0.1096i	0.5671-0.1378i	-0.0815+0.1377i	-0.1300-0.0421i	0.0595+0.0216i	-0.0929-0.0867i	-0.0772+0.0182i
70.6	0.2656-0.0557i	-0.0102-0.1485i	0.6149-0.1630i	-0.0826+0.0630i	-0.1564-0.0299i	0.0556+0.0141i	-0.0594-0.1168i	-0.1097+0.0305i
70.7	0.2298-0.0779i	0.0232-0.1336i	0.6124-0.1661i	-0.0772+0.0733i	-0.1480-0.0332i	0.0783+0.0146i	-0.0708-0.0888i	-0.0949+0.0154i
70.8	0.2032-0.1137i	0.0548-0.0809i	0.5749-0.1538i	-0.1275+0.0861i	-0.1373-0.0202i	0.0944+0.0114i	-0.0852-0.0871i	-0.0934+0.0173i
70.9	0.2011-0.1163i	0.0593-0.0918i	0.5776-0.1673i	-0.1438+0.0890i	-0.1419-0.0105i	0.1040-0.0010i	-0.0999-0.0813i	-0.0922+0.0306i
71.0	0.2244-0.1136i	0.0700-0.1192i	0.6541-0.2189i	-0.1398+0.0594i	-0.1572-0.0163i	0.1062-0.0178i	-0.1017-0.0978i	-0.1012+0.0350i
71.1	0.1859-0.1078i	0.0859-0.1052i	0.6552-0.2173i	-0.1591+0.0766i	-0.1689-0.0052i	0.0858+0.0110i	-0.1145-0.1296i	-0.0895+0.0697i
71.2	0.1770-0.1604i	0.0725-0.0668i	0.6797-0.2337i	-0.1593+0.1043i	-0.1803-0.0162i	0.0980-0.0159i	-0.1210-0.1329i	-0.0953+0.0747i
71.3	0.1953-0.1509i	0.0553-0.0801i	0.7369-0.2604i	-0.1550+0.0443i	-0.1834+0.0005i	0.0977-0.0227i	-0.1267-0.1157i	-0.0861+0.0643i
71.4	0.2274-0.1417i	0.0526-0.0758i	0.8205-0.2358i	-0.1688+0.0030i	-0.1845-0.0134i	0.0906-0.0362i	-0.1438-0.1110i	-0.0896+0.0572i
71.5	0.2132-0.1800i	0.0783-0.0562i	0.8294-0.2966i	-0.1710+0.0505i	-0.1882-0.0247i	0.0692-0.0356i	-0.1408-0.1220i	-0.0980+0.0732i
71.6	0.2139-0.1835i	0.0571-0.0573i	0.8228-0.3620i	-0.1992+0.0338i	-0.1874-0.0002i	0.0888-0.0083i	-0.1684-0.1609i	-0.0796+0.0915i
71.7	0.1951-0.2115i	0.0820-0.0276i	0.8447-0.3773i	-0.1780+0.0272i	-0.1954-0.0048i	0.0799+0.0055i	-0.1799-0.1863i	-0.0829+0.1063i
71.8	0.1672-0.2460i	0.1331-0.0253i	0.9074-0.4651i	-0.1687+0.0128i	-0.1903+0.0071i	0.0905-0.0085i	-0.2160-0.1638i	-0.0697+0.1121i
71.9	0.1659-0.2297i	0.1363-0.0597i	0.9050-0.4937i	-0.1435-0.0226i	-0.1976+0.0274i	0.1028-0.0130i	-0.2287-0.1475i	-0.0623+0.1156i
72.0	0.1376-0.2604i	0.1447-0.0487i	0.9242-0.5188i	-0.1231-0.0697i	-0.2169+0.0283i	0.1214-0.0004i	-0.2538-0.1725i	-0.0577+0.1162i
72.1	0.1481-0.2694i	0.1629-0.0457i	0.9543-0.5504i	-0.1157-0.0370i	-0.2130+0.0218i	0.1270-0.0006i	-0.2538-0.1694i	-0.0627+0.1257i
72.2	0.1186-0.2826i	0.1909-0.0452i	0.8705-0.5847i	-0.1455+0.0309i	-0.2077+0.0231i	0.1283-0.0033i	-0.2872-0.1328i	-0.0359+0.1213i
72.3	0.0804-0.2929i	0.2208-0.0584i	0.8546-0.6196i	-0.1066+0.0147i	-0.2113+0.0245i	0.1291-0.0337i	-0.3061-0.1194i	-0.0293+0.1264i
72.4	0.0621-0.3187i	0.2325-0.0358i	0.8409-0.7162i	-0.1468+0.0209i	-0.2024+0.0358i	0.1440-0.0469i	-0.3569-0.0832i	-0.0006+0.1146i
72.5	0.0518-0.3586i	0.2472-0.0167i	0.8244-0.7614i	-0.2085-0.0389i	-0.2019+0.0399i	0.1374-0.0427i	-0.3757-0.0865i	0.0113+0.1171i
72.6	0.0260-0.3740i	0.3093-0.0225i	0.9046-0.7765i	-0.1303-0.0357i	-0.2247+0.0495i	0.1982-0.0405i	-0.4374-0.0638i	0.0363+0.1176i
72.7	-0.0056-0.3399i	0.2716-0.0585i	0.8505-0.8533i	-0.1509-0.0458i	-0.2296+0.0634i	0.1938-0.0409i	-0.4307-0.0596i	0.0449+0.1341i
72.8	-0.0106-0.3786i	0.2851-0.0720i	0.8718-0.8844i	-0.1519-0.1043i	-0.2367+0.0639i	0.1892-0.0542i	-0.4219-0.0762i	0.0277+0.1404i
72.9	-0.0204-0.3814i	0.3192-0.0648i	0.8566-0.9012i	-0.1528-0.1088i	-0.2336+0.0782i	0.2041-0.0614i	-0.4551-0.0503i	0.0488+0.1400i
73.0	-0.0552-0.4004i	0.3360-0.0455i	0.8371-0.9334i	-0.1648-0.1211i	-0.2346+0.0919i	0.1934-0.0779i	-0.4539-0.0209i	0.0473+0.1463i
73.1	-0.0817-0.4026i	0.3729-0.0696i	0.8356-0.9664i	-0.1652-0.1568i	-0.2357+0.0879i	0.1860-0.0994i	-0.4727-0.0080i	0.0658+0.1411i
73.2	-0.0887-0.4081i	0.4010-0.0736i	0.7938-0.9724i	-0.2173-0.1110i	-0.2197+0.0909i	0.1996-0.1225i	-0.4786+0.0407i	0.0735+0.1249i
73.3	-0.1486-0.4487i	0.4534-0.1126i	0.8282-1.0835i	-0.2236-0.1738i	-0.2377+0.1003i	0.2172-0.1400i	-0.5356+0.0596i	0.0997+0.1235i
73.4	-0.1874-0.3988i	0.4334-0.1539i	0.7803-1.1058i	-0.2331-0.1905i	-0.2301+0.1126i	0.2203-0.1320i	-0.5481+0.1056i	0.1328+0.1008i
73.5	-0.1818-0.3931i	0.4128-0.1682i	0.7346-1.1051i	-0.2178-0.1822i	-0.2315+0.1034i	0.2071-0.1683i	-0.5336+0.1356i	0.1403+0.1002i
73.6	-0.1998-0.4768i	0.4802-0.1138i	0.7375-1.1290i	-0.2362-0.1550i	-0.2378+0.0976i	0.2229-0.1962i	-0.5734+0.1538i	0.1579+0.1111i
73.7	-0.2567-0.4429i	0.5317-0.1848i	0.7887-1.1587i	-0.2220-0.1409i	-0.2619+0.0943i	0.2328-0.2368i	-0.6054+0.1985i	0.1659+0.0923i
73.8	-0.2727-0.4104i	0.4832-0.2369i	0.7313-1.2227i	-0.2256-0.2244i	-0.2844+0.1277i	0.1970-0.2732i	-0.5846+0.2759i	0.1662+0.0513i
73.9	-0.3116-0.4030i	0.5302-0.2572i	0.6722-1.2582i	-0.2364-0.2017i	-0.2890+0.1523i	0.1709-0.2890i	-0.5989+0.3299i	0.1898+0.0373i
74.0	-0.3458-0.4832i	0.5902-0.2656i	0.7373-1.3230i	-0.2368-0.2480i	-0.3186+0.1739i	0.1637-0.2948i	-0.6358+0.3682i	0.2078+0.0329i
74.1	-0.3527-0.4668i	0.5891-0.2491i	0.7161-1.3248i	-0.2401-0.2445i	-0.3129+0.1878i	0.1396-0.3044i	-0.5962+0.4044i	0.1933+0.0042i
74.2	-0.3563-0.3808i	0.5430-0.2808i	0.6715-1.3201i	-0.2604-0.2361i	-0.2801+0.2105i	0.1057-0.2982i	-0.5284+0.4447i	0.1737-0.0205i
74.3	-0.4588-0.3898i	0.5962-0.3403i	0.6232-1.4184i	-0.3071-0.2172i	-0.2455+0.2486i	0.0972-0.3030i	-0.5095+0.5257i	0.1825-0.0587i
74.4	-0.4980-0.4009i	0.5899-0.3676i	0.6096-1.4661i	-0.3467-0.2151i	-0.2404+0.2671i	0.0755-0.2905i	-0.5002+0.5963i	0.1965-0.0843i
74.5	-0.4587-0.4322i	0.5920-0.3539i	0.6714-1.5204i	-0.3512-0.2655i	-0.2673+0.2899i	0.0707-0.3046i	-0.5071+0.6472i	0.1950-0.1035i
74.6	-0.4938-0.4889i	0.6509-0.3697i	0.6783-1.6226i	-0.3762-0.2883i	-0.2671+0.3155i	0.0526-0.3102i	-0.5123+0.7159i	0.2175-0.1432i
74.7	-0.5401-0.5814i	0.6750-0.3941i	0.6335-1.7568i	-0.4129-0.3210i	-0.2464+0.3442i	0.0166-0.3291i	-0.4709+0.7940i	0.2176-0.1649i
74.8	-0.6202-0.5658i	0.6754-0.4126i	0.5002-1.8069i	-0.4463-0.3143i	-0.2128+0.3549i	-0.0025-0.3064i	-0.3820+0.8279i	0.1959-0.1978i
74.9	-0.7136-0.4342i	0.6156-0.5115i	0.3360-1.7841i	-0.4707-0.2802i	-0.1656+0.3490i	-0.0106-0.2803i	-0.2724+0.8267i	0.1552-0.2260i

75.0	-0.6857-0.4693i	0.6106-0.4902i	0.4066-1.8653i	-0.4985-0.2966i	-0.1765+0.3457i	0.0190-0.3000i	-0.2578+0.8602i	0.1170-0.2494i
75.1	-0.6976-0.5380i	0.6152-0.4821i	0.4642-1.9796i	-0.5029-0.3276i	-0.2040+0.3687i	0.0173-0.2951i	-0.2651+0.9055i	0.1103-0.2723i
75.2	-0.7545-0.5589i	0.6510-0.5278i	0.4261-1.9679i	-0.4712-0.3030i	-0.1919+0.3732i	0.0017-0.2847i	-0.2072+0.9224i	0.0913-0.2753i
75.3	-0.8810-0.4463i	0.6858-0.6083i	0.2663-1.9440i	-0.4749-0.2475i	-0.1570+0.3844i	-0.0069-0.2965i	-0.1135+0.9499i	0.0511-0.2967i
75.4	-0.9709-0.4530i	0.6515-0.6868i	0.1865-2.0840i	-0.4844-0.2518i	-0.1383+0.4053i	-0.0057-0.2852i	-0.0392+1.0197i	0.0285-0.3372i
75.5	-1.0203-0.4603i	0.6354-0.6723i	0.1127-2.1774i	-0.5128-0.2661i	-0.1102+0.4227i	0.0007-0.3083i	0.0545+1.0396i	-0.0126-0.3324i
75.6	-1.0300-0.4422i	0.6742-0.6163i	0.0603-2.1638i	-0.5603-0.2603i	-0.0851+0.4354i	0.0034-0.2804i	0.1131+1.0410i	-0.0327-0.3484i
75.7	-1.0918-0.3727i	0.6653-0.6532i	-0.0770-2.1714i	-0.5643-0.2127i	-0.0389+0.4265i	-0.0279-0.2890i	0.2081+1.0165i	-0.0666-0.3300i
75.8	-1.1907-0.4273i	0.6688-0.7755i	-0.1312-2.3291i	-0.5242-0.2334i	-0.0171+0.4370i	-0.0329-0.3251i	0.3067+1.0644i	-0.1160-0.3441i
75.9	-1.2893-0.4145i	0.6461-0.7995i	-0.2473-2.4394i	-0.5106-0.2836i	-0.0033+0.4203i	-0.0518-0.3245i	0.3906+1.0622i	-0.1488-0.3534i
76.0	-1.4150-0.3284i	0.5732-0.8119i	-0.4195-2.3675i	-0.5241-0.2839i	0.0330+0.3997i	-0.0894-0.3123i	0.4833+0.9756i	-0.1983-0.3196i
76.1	-1.4203-0.2273i	0.6129-0.8016i	-0.3941-2.2916i	-0.5247-0.2707i	0.0390+0.3671i	-0.0427-0.3167i	0.5263+0.9640i	-0.2164-0.3407i
76.2	-1.4616-0.2247i	0.6061-0.7807i	-0.5000-2.4079i	-0.5070-0.3677i	0.0210+0.3625i	-0.0733-0.3707i	0.6457+0.9622i	-0.2793-0.3536i
76.3	-1.5431-0.2225i	0.5992-0.8212i	-0.6769-2.4719i	-0.5399-0.4161i	0.0253+0.3769i	-0.1246-0.3974i	0.7351+0.8722i	-0.3283-0.3057i
76.4	-1.5956-0.2323i	0.6618-0.8584i	-0.7421-2.5682i	-0.5939-0.4021i	0.0368+0.3900i	-0.1816-0.4126i	0.8018+0.8458i	-0.3745-0.2676i
76.5	-1.5894-0.1236i	0.6352-0.8816i	-0.7683-2.5221i	-0.5696-0.3926i	0.0513+0.3724i	-0.1732-0.3861i	0.8293+0.8024i	-0.3931-0.2410i
76.6	-1.6105-0.0471i	0.6470-0.9062i	-0.7881-2.4875i	-0.5309-0.4025i	0.0390+0.3659i	-0.1605-0.3883i	0.8513+0.7326i	-0.3956-0.2049i
76.7	-1.7160+0.0354i	0.5649-0.8674i	-1.0288-2.5413i	-0.5160-0.4870i	0.0568+0.3649i	-0.1963-0.3859i	0.9322+0.6558i	-0.4248-0.1794i
76.8	-1.8946+0.0511i	0.5580-0.9395i	-1.2187-2.6679i	-0.5882-0.5749i	0.0813+0.3824i	-0.2570-0.3893i	1.0590+0.5906i	-0.4774-0.1461i
76.9	-1.9249+0.0725i	0.5962-0.9513i	-1.3499-2.7323i	-0.6979-0.6217i	0.0973+0.3833i	-0.2865-0.3804i	1.1163+0.5041i	-0.5072-0.1014i
77.0	-1.9887+0.0845i	0.6866-0.9281i	-1.4942-2.7581i	-0.7319-0.6523i	0.0936+0.3576i	-0.3209-0.3899i	1.1496+0.4108i	-0.5305-0.0502i
77.1	-2.0540+0.1613i	0.5805-0.9148i	-1.6068-2.7572i	-0.6621-0.7743i	0.0652+0.3565i	-0.3501-0.3410i	1.1966+0.3028i	-0.5620-0.0181i
77.2	-2.0667+0.2373i	0.4961-0.9169i	-1.6912-2.7476i	-0.6651-0.8275i	0.0690+0.3483i	-0.3625-0.2931i	1.2143+0.2156i	-0.5767+0.0170i
77.3	-2.2710+0.2833i	0.4485-1.1214i	-2.0772-2.7848i	-0.7443-0.8620i	0.1115+0.3614i	-0.3729-0.3004i	1.2430+0.0082i	-0.6120+0.1379i
77.4	-2.3999+0.3001i	0.5979-1.1155i	-2.2514-2.8101i	-0.9342-0.8686i	0.1063+0.3503i	-0.3714-0.2806i	1.2361-0.0650i	-0.6336+0.1789i
77.5	-2.5289+0.4744i	0.5333-1.0786i	-2.4761-2.6373i	-0.9603-0.9104i	0.0819+0.3342i	-0.3843-0.2425i	1.1787-0.1969i	-0.6065+0.2650i
77.6	-2.6674+0.6554i	0.5859-1.1494i	-2.8239-2.5197i	-1.0969-0.8950i	0.0700+0.3456i	-0.3892-0.2166i	1.1498-0.3210i	-0.5967+0.3500i
77.7	-2.6929+0.8617i	0.5855-1.1705i	-3.0501-2.2801i	-1.1699-0.9612i	0.0467+0.3725i	-0.3902-0.1842i	1.0855-0.4037i	-0.5596+0.4054i
77.8	-2.7547+0.9500i	0.5272-1.1348i	-3.2044-2.2295i	-1.2415-1.0513i	0.0217+0.4389i	-0.3797-0.1629i	1.0099-0.4684i	-0.5109+0.4726i
77.9	-2.8251+1.1709i	0.4155-1.1659i	-3.4115-2.0433i	-1.3005-1.1102i	0.0168+0.4976i	-0.3900-0.1438i	0.9543-0.5992i	-0.4680+0.5736i
78.0	-2.8892+1.3416i	0.4821-1.2608i	-3.5665-1.8700i	-1.4670-1.1438i	0.0332+0.5612i	-0.3746-0.1371i	0.8962-0.6562i	-0.4304+0.6182i
78.1	-2.8356+1.3994i	0.5758-1.1537i	-3.6565-1.8749i	-1.7629-1.3018i	0.0780+0.6375i	-0.3769-0.1676i	0.8384-0.7448i	-0.3833+0.7005i
78.2	-2.9584+1.5084i	0.6498-1.2016i	-3.9140-1.7204i	-2.0196-1.3001i	0.1536+0.6954i	-0.3981-0.1616i	0.7625-0.8385i	-0.2997+0.7877i
78.3	-2.9852+2.0144i	0.6833-1.2517i	-4.1288-1.1679i	-2.2723-1.2319i	0.2765+0.7198i	-0.4121-0.1489i	0.6232-0.8662i	-0.1737+0.8001i
78.4	-2.7468+2.2350i	0.5245-1.3128i	-3.9882-0.8914i	-2.3325-1.2418i	0.3479+0.7194i	-0.4325-0.1545i	0.5272-0.8555i	-0.0977+0.7812i
78.5	-2.6576+2.4465i	0.4745-1.3294i	-4.0179-0.6447i	-2.5727-1.1224i	0.4374+0.6916i	-0.4344-0.1036i	0.3984-0.8527i	0.0203+0.7549i
78.6	-2.6363+2.6854i	0.4663-1.3593i	-4.0889-0.1472i	-2.7889-0.8555i	0.5458+0.6396i	-0.4386-0.0645i	0.2535-0.8716i	0.1382+0.7361i
78.7	-2.6825+2.8540i	0.4695-1.3653i	-4.0593+0.2235i	-2.7978-0.6868i	0.6131+0.5873i	-0.4473-0.0691i	0.1564-0.8362i	0.2289+0.6699i
78.8	-2.4851+3.0739i	0.4421-1.2299i	-3.7614+0.4506i	-2.7459-0.6357i	0.6294+0.4894i	-0.4493-0.0434i	0.0818-0.7441i	0.2794+0.5658i
78.9	-2.3188+3.2727i	0.6813-1.1328i	-3.4462+0.6102i	-2.8000-0.6248i	0.6116+0.3912i	-0.4349-0.0140i	0.0269-0.6481i	0.2971+0.4859i
79.0	-2.1868+3.2440i	0.9648-1.2283i	-3.2915+0.3045i	-2.9410-0.7925i	0.5521+0.4054i	-0.4148-0.0444i	0.0976-0.5806i	0.2336+0.4456i
79.1	-1.9893+3.2787i	0.9990-1.7044i	-3.4697+0.1202i	-3.4094-0.6877i	0.5882+0.4614i	-0.4618-0.0534i	0.1138-0.6286i	0.2401+0.4683i
79.2	-2.1268+3.4996i	0.7585-2.0027i	-4.0270+0.4695i	-3.9069-0.2130i	0.7388+0.4538i	-0.4879-0.0062i	0.0366-0.7156i	0.3193+0.5138i
79.3	-2.1999+3.7273i	0.6756-2.0360i	-4.1427+0.8620i	-4.0579+0.0505i	0.8094+0.3813i	-0.5012+0.0084i	-0.0305-0.7243i	0.3581+0.4863i
79.4	-2.1993+3.7919i	0.5673-2.0204i	-4.0728+1.1296i	-3.9426+0.3716i	0.7977+0.2960i	-0.5094-0.0013i	-0.0963-0.6697i	0.3770+0.4407i
79.5	-2.0260+4.0423i	0.4451-1.9958i	-3.8932+1.4806i	-3.7977+0.6853i	0.7963+0.2286i	-0.5329+0.0233i	-0.1498-0.6218i	0.4041+0.3956i
79.6	-1.7300+4.3953i	0.4290-1.9936i	-3.7476+1.9843i	-3.8763+0.9988i	0.8145+0.1437i	-0.5711+0.1186i	-0.2289-0.6049i	0.4504+0.3502i
79.7	-1.5508+4.4804i	0.3798-1.9356i	-3.5622+2.0582i	-3.7986+1.1805i	0.8044+0.0965i	-0.5241+0.1391i	-0.2558-0.5631i	0.4512+0.3268i
79.8	-1.3848+4.6449i	0.4033-1.9638i	-3.4111+2.1871i	-3.8469+1.3775i	0.8154+0.0649i	-0.4995+0.1685i	-0.3034-0.5385i	0.4727+0.3053i
79.9	-1.0728+5.0942i	0.4984-1.9895i	-3.1865+2.5916i	-4.0394+1.5173i	0.8660-0.0001i	-0.5238+0.2567i	-0.3803-0.4986i	0.5370+0.2495i
80.0	-0.7671+5.1254i	0.4459-2.0689i	-2.8211+2.7020i	-3.8761+1.7574i	0.8286-0.0599i	-0.4903+0.3013i	-0.4135-0.4446i	0.5350+0.1968i

2.1.113 Run 11 – IP000NVP – Accels 33–40

In-plane shaking at 0° with no vertical shake plate. Accelerometers 33–40.

f (Hz)	acc33 ($g/lb \times 10^{-3}$)	acc34 ($g/lb \times 10^{-3}$)	acc35 ($g/lb \times 10^{-3}$)	acc36 ($g/lb \times 10^{-3}$)	acc37 ($g/lb \times 10^{-3}$)	acc38 ($g/lb \times 10^{-3}$)	acc39 ($g/lb \times 10^{-3}$)	acc40 ($g/lb \times 10^{-3}$)
0.0	8.3254+0.0000i	2.3234+0.0000i	-8.4062+0.0000i	-5.4821+0.0000i	21.0516+0.0000i	9.7836+0.0000i	12.5619+0.0000i	4.2499+0.0000i
0.1	7.3919-1.9207i	0.0513+0.9530i	-10.3164+1.6672i	-5.2470-1.9016i	20.3414-1.0133i	11.5726-5.4925i	11.6463-0.5151i	3.8352-0.2688i
0.2	-5.2988-0.1870i	-4.9443-3.9255i	-2.6671-5.5428i	-0.4013+4.5833i	-0.8072+1.2586i	-13.9316-2.0513i	-3.4601+0.8415i	-0.8162+0.2154i
0.3	-2.2557+1.6219i	-0.9516-5.4411i	-2.7850-4.0738i	-1.3124+0.3810i	-0.3341+1.1209i	-6.5088+3.2133i	-3.0929-0.6044i	-1.1608+0.4690i
0.4	0.8977+0.7060i	0.6608-3.9935i	-1.7154-5.3826i	-0.1760-1.6517i	-1.9089-1.3433i	-1.3904+1.0822i	-0.7848-0.0805i	-0.3453-0.0139i
0.5	-1.1054+0.6348i	-1.5379-0.2137i	-1.3045-0.9827i	0.0119-0.5544i	-1.0185+1.3764i	-0.5400-1.1584i	0.2577-1.3361i	0.3382+0.1350i
0.6	-0.3788-0.0120i	-0.3569-0.0894i	-0.2028-0.2543i	-0.4063+0.0557i	-0.6170-0.1824i	0.0550-0.2453i	0.1229-0.0890i	0.0046+0.1601i
0.7	-0.1295-0.0056i	0.0462-0.0215i	0.0114+0.0031i	-0.1534-0.0564i	0.0102-0.0732i	-0.0119-0.0313i	-0.0239-0.0493i	-0.0119+0.0543i
0.8	-0.0738+0.0270i	0.0607-0.0481i	-0.0028+0.0439i	-0.1412-0.0150i	-0.0292-0.0760i	0.0099-0.0148i	-0.0380-0.0026i	-0.0103+0.0179i
0.9	-0.0469-0.0112i	0.0512-0.0238i	-0.0158+0.0127i	-0.1208+0.0110i	-0.0954-0.1028i	-0.0210+0.0028i	-0.0268+0.0040i	0.0195+0.0208i
1.0	-0.1434-0.0503i	-0.0543-0.0164i	-0.0570-0.0276i	-0.0652-0.0162i	0.0443-0.3319i	-0.0361+0.0012i	-0.0212-0.0062i	0.0231-0.0074i
1.1	-0.1661-0.0269i	-0.0540-0.0354i	0.0170-0.0416i	-0.1199+0.0051i	0.0237-0.0348i	-0.0154+0.0044i	-0.0280+0.0094i	0.0058-0.0024i
1.2	-0.1878-0.0128i	-0.1115+0.0071i	0.0171-0.0116i	-0.1570-0.0324i	-0.1297+0.0633i	0.0184-0.0052i	-0.0239+0.0086i	-0.0094+0.0089i
1.3	-0.2096-0.0037i	-0.0533+0.1237i	0.0124+0.0009i	-0.2038-0.0606i	-0.1432+0.1202i	0.0244-0.0052i	-0.0319-0.0068i	-0.0045+0.0106i
1.4	-0.2173-0.0301i	0.2054+0.0410i	0.0191+0.0028i	-0.3289-0.0380i	0.3010-0.0320i	0.0317+0.0010i	-0.0630-0.0183i	0.0098-0.0034i
1.5	-0.3161-0.0922i	0.0940-0.2389i	0.0221+0.0045i	-0.3510+0.0498i	0.0920-0.4288i	0.0364+0.0024i	-0.0737+0.0136i	0.0052-0.0100i
1.6	-0.4740-0.0830i	-0.1471-0.1399i	0.0268+0.0029i	-0.3641+0.0079i	-0.3631-0.2181i	0.0472+0.0037i	-0.0633+0.0183i	-0.0112-0.0008i
1.7	-0.5838-0.0676i	-0.0716-0.0331i	0.0386+0.0050i	-0.5121-0.0369i	-0.2309-0.0339i	0.0553+0.0040i	-0.0850+0.0074i	-0.0063+0.0033i
1.8	-0.7807-0.0400i	-0.0309-0.0307i	0.0500+0.0026i	-0.7306-0.0201i	-0.1667-0.0406i	0.0723+0.0033i	-0.1191+0.0122i	-0.0055+0.0021i
1.9	-1.0061-0.0126i	-0.0096-0.0488i	0.0618-0.0006i	-0.9597+0.0035i	-0.1466-0.0476i	0.0893+0.0018i	-0.1567+0.0187i	-0.0051+0.0034i
2.0	-1.3635-0.0584i	0.0195-0.0865i	0.0819+0.0013i	-1.3128-0.0462i	-0.1475-0.0732i	0.1162+0.0069i	-0.2144+0.0161i	-0.0022+0.0057i
2.1	-1.7532+0.0167i	-0.0096-0.1435i	0.1013-0.0033i	-1.7058+0.0220i	-0.2070-0.0840i	0.1456+0.0034i	-0.2755+0.0339i	-0.0012+0.0046i
2.2	-2.9312+0.2998i	-0.1898-0.1414i	0.1490-0.0174i	-2.9166+0.3211i	-0.3794-0.0691i	0.2308-0.0158i	-0.4607+0.0961i	-0.0122-0.0014i
2.3	-2.8896+3.3327i	-0.1838+0.0933i	0.1458-0.1387i	-2.8263+3.3730i	-0.3382+0.3235i	0.2354-0.2297i	-0.4027+0.5920i	-0.0111+0.0319i
2.4	3.7500+1.8110i	0.0200-0.0114i	-0.1359-0.0821i	3.7910+1.7410i	0.2197+0.2070i	-0.2088-0.1168i	0.6533+0.2392i	0.0208-0.0033i
2.5	2.5909+0.7936i	-0.0103-0.0148i	-0.0844-0.0343i	2.6083+0.7538i	0.1645+0.0356i	-0.1282-0.0513i	0.4460+0.0935i	0.0122-0.0050i
2.6	1.9467+0.4115i	-0.0213-0.0115i	-0.0525-0.0150i	1.9586+0.3878i	0.1131+0.0353i	-0.0788-0.0243i	0.3396+0.0407i	0.0073-0.0047i
2.7	1.5340+0.2583i	-0.0275-0.0087i	-0.0318-0.0096i	1.5442+0.2412i	0.0901+0.0403i	-0.0461-0.0135i	0.2717+0.0193i	0.0065-0.0052i
2.8	1.3142+0.2058i	-0.0280-0.0073i	-0.0194-0.0061i	1.3267+0.1904i	0.0648+0.0242i	-0.0271-0.0105i	0.2356+0.0125i	0.0050-0.0046i
2.9	1.1579+0.1889i	-0.0266-0.0053i	-0.0099-0.0059i	1.1723+0.1764i	0.0367+0.0257i	-0.0113-0.0104i	0.2129+0.0115i	0.0048-0.0037i
3.0	1.0450+0.1578i	-0.0272-0.0044i	-0.0017-0.0043i	1.0610+0.1475i	0.0377+0.0121i	0.0013-0.0082i	0.1966+0.0079i	0.0043-0.0037i
3.1	0.9693+0.1282i	-0.0271-0.0041i	0.0044-0.0025i	0.9850+0.1191i	0.0335+0.0039i	0.0116-0.0063i	0.1841+0.0024i	0.0030-0.0048i
3.2	0.9006+0.1190i	-0.0273-0.0048i	0.0112-0.0022i	0.9163+0.1108i	0.0251+0.0063i	0.0212-0.0062i	0.1731+0.0003i	0.0024-0.0050i
3.3	0.8532+0.1095i	-0.0276-0.0032i	0.0174-0.0024i	0.8685+0.1026i	0.0212-0.0061i	0.0303-0.0058i	0.1652+0.0017i	0.0012-0.0039i
3.4	0.7969+0.1014i	-0.0255-0.0039i	0.0252-0.0016i	0.8125+0.0949i	0.0197+0.0016i	0.0429-0.0063i	0.1582+0.0012i	-0.0006-0.0037i
3.5	0.7646+0.0977i	-0.0260-0.0044i	0.0300-0.0020i	0.7813+0.0924i	0.0221-0.0024i	0.0516-0.0057i	0.1556+0.0015i	0.0003-0.0043i
3.6	0.7370+0.0919i	-0.0256-0.0031i	0.0347-0.0011i	0.7540+0.0878i	0.0145-0.0033i	0.0598-0.0046i	0.1549+0.0017i	0.0014-0.0038i
3.7	0.7110+0.0864i	-0.0244-0.0032i	0.0408-0.0005i	0.7288+0.0833i	0.0150-0.0035i	0.0690-0.0040i	0.1550+0.0014i	0.0017-0.0047i
3.8	0.6867+0.0807i	-0.0248-0.0036i	0.0473+0.0007i	0.7054+0.0795i	0.0101+0.0052i	0.0795-0.0030i	0.1546+0.0023i	0.0004-0.0059i
3.9	0.6668+0.0786i	-0.0242-0.0034i	0.0540+0.0008i	0.6862+0.0791i	0.0191+0.0015i	0.0904-0.0039i	0.1570+0.0043i	-0.0001-0.0048i
4.0	0.6496+0.0753i	-0.0237-0.0026i	0.0602+0.0014i	0.6707+0.0781i	0.0136+0.0103i	0.0989-0.0033i	0.1610+0.0013i	-0.0020-0.0073i
4.1	0.6298+0.0789i	-0.0225-0.0025i	0.0665+0.0002i	0.6543+0.0807i	0.0188+0.0103i	0.1095-0.0032i	0.1624-0.0002i	-0.0039-0.0055i
4.2	0.6195+0.0797i	-0.0211-0.0023i	0.0722+0.0003i	0.6455+0.0802i	0.0142+0.0074i	0.1183-0.0039i	0.1671-0.0012i	-0.0032-0.0037i
4.3	0.6046+0.0831i	-0.0208-0.0034i	0.0790-0.0001i	0.6323+0.0829i	0.0116-0.0023i	0.1313-0.0039i	0.1754-0.0036i	-0.0044-0.0028i
4.4	0.5918+0.0895i	-0.0221-0.0063i	0.0862-0.0016i	0.6222+0.0890i	0.0091+0.0006i	0.1439-0.0052i	0.1808-0.0101i	-0.0052-0.0009i
4.5	0.5881+0.0883i	-0.0248-0.0063i	0.0913-0.0017i	0.6202+0.0868i	0.0051+0.0096i	0.1544-0.0058i	0.1804-0.0111i	-0.0002-0.0001i
4.6	0.5817+0.0926i	-0.0247-0.0038i	0.0977-0.0015i	0.6140+0.0905i	0.0015-0.0038i	0.1671-0.0068i	0.1816-0.0074i	-0.0025-0.0039i
4.7	0.5722+0.0960i	-0.0232-0.0042i	0.1059-0.0015i	0.6063+0.0941i	-0.0088+0.0080i	0.1828-0.0077i	0.1946-0.0085i	-0.0069-0.0023i
4.8	0.5618+0.0954i	-0.0214-0.0038i	0.1154-0.0015i	0.5973+0.0938i	-0.0109+0.0002i	0.2012-0.0071i	0.2140-0.0122i	-0.0066-0.0015i
4.9	0.5540+0.1014i	-0.0215-0.0041i	0.1236-0.0003i	0.5905+0.1005i	-0.0013+0.0036i	0.2160-0.0072i	0.2294-0.0163i	-0.0019-0.0034i
5.0	0.5524+0.1073i	-0.0223-0.0033i	0.1322-0.0031i	0.5910+0.1062i	0.0048+0.0085i	0.2328-0.0111i	0.2469-0.0276i	-0.0021-0.0033i
5.1	0.5456+0.1162i	-0.0210-0.0033i	0.1416-0.0064i	0.5864+0.1168i	0.0087+0.0146i	0.2514-0.0157i	0.2643-0.0486i	-0.0071-0.0026i
5.2	0.5372+0.1253i	-0.0199-0.0040i	0.1525-0.0075i	0.5806+0.1266i	0.0052+0.0084i	0.2724-0.0195i	0.2930-0.0810i	-0.0050-0.0068i
5.3	0.5362+0.1374i	-0.0194-0.0037i	0.1593-0.0102i	0.5830+0.1369i	0.0030+0.0069i	0.2897-0.0255i	0.3061-0.1070i	-0.0052-0.0018i
5.4	0.5357+0.1551i	-0.0186-0.0063i	0.1685-0.0157i	0.5856+0.1537i	0.0046+0.0116i	0.3127-0.0337i	0.3251-0.1633i	0.0132+0.0042i
5.5	0.5388+0.1705i	-0.0197-0.0084i	0.1748-0.0190i	0.5908+0.1669i	0.0003+0.0107i	0.3305-0.0395i	0.3305-0.2215i	0.0336-0.0220i
5.6	0.5585+0.1802i	-0.0198-0.0098i	0.1812-0.0211i	0.6142+0.1754i	0.0030+0.0045i	0.3532-0.0476i	0.3145-0.2792i	0.0074-0.0681i

5.7	0.5627+0.1878i	-0.0189-0.0099i	0.1875-0.0212i	0.6213+0.1815i	0.0018+0.0103i	0.3707-0.0523i	0.3048-0.3213i	-0.0186-0.0819i
5.8	0.5721+0.2117i	-0.0192-0.0116i	0.1945-0.0262i	0.6348+0.2038i	0.0054+0.0122i	0.3913-0.0673i	0.2670-0.4024i	-0.0754-0.0866i
5.9	0.6145+0.2263i	-0.0199-0.0163i	0.1939-0.0310i	0.6783+0.2149i	0.0194+0.0062i	0.3987-0.0795i	0.1481-0.4593i	-0.1271-0.0242i
6.0	0.6411+0.2318i	-0.0249-0.0167i	0.1938-0.0336i	0.7084+0.2195i	0.0158+0.0118i	0.4137-0.0885i	0.0329-0.4623i	-0.1234+0.0358i
6.1	0.6615+0.2207i	-0.0270-0.0145i	0.1935-0.0299i	0.7313+0.2088i	-0.0079+0.0113i	0.4308-0.0893i	-0.0493-0.4192i	-0.1023+0.0471i
6.2	0.6794+0.2121i	-0.0307-0.0118i	0.1924-0.0229i	0.7532+0.1988i	-0.0244+0.0092i	0.4484-0.0829i	-0.1006-0.3749i	-0.0788+0.0445i
6.3	0.6938+0.1981i	-0.0311-0.0082i	0.1905-0.0132i	0.7728+0.1832i	-0.0104-0.0004i	0.4758-0.0763i	-0.1276-0.3160i	-0.0678+0.0378i
6.4	0.6995+0.1871i	-0.0295-0.0050i	0.1885-0.0003i	0.7844+0.1708i	0.0100+0.0086i	0.5174-0.0710i	-0.1299-0.2784i	-0.0918+0.0407i
6.5	0.7269+0.1952i	-0.0250-0.0053i	0.1793+0.0149i	0.8195+0.1717i	0.0108+0.0099i	0.5480-0.0738i	-0.1493-0.2539i	-0.1362+0.0920i
6.6	0.7611+0.1901i	-0.0234-0.0083i	0.1736+0.0397i	0.8623+0.1568i	0.0140+0.0073i	0.5852-0.0723i	-0.1586-0.2328i	-0.1129+0.1413i
6.7	0.7962+0.1892i	-0.0225-0.0069i	0.1563+0.0696i	0.9094+0.1479i	0.0067+0.0131i	0.6362-0.0680i	-0.1688-0.2339i	-0.0929+0.1898i
6.8	0.8376+0.1729i	-0.0217-0.0074i	0.1343+0.1191i	0.9600+0.1181i	0.0203+0.0067i	0.6841-0.0871i	-0.2154-0.2301i	-0.0809+0.2236i
6.9	0.9008+0.1357i	-0.0205-0.0110i	0.0655+0.2151i	1.0415+0.0586i	0.0013+0.0128i	0.7394-0.0986i	-0.3064-0.2038i	-0.0557+0.2736i
7.0	0.9719+0.0731i	-0.0160-0.0150i	0.0041+0.4065i	1.1234-0.0398i	-0.0018+0.0078i	0.7896-0.0950i	-0.4169-0.1336i	0.0284+0.3920i
7.1	1.0278-0.1086i	-0.0199-0.0215i	0.1285+0.8603i	1.1546-0.2920i	-0.0039+0.0265i	0.8588-0.0880i	-0.5360+0.1515i	0.3580+0.4018i
7.2	0.8905-0.2750i	-0.0291-0.0177i	0.6693+1.0894i	0.9417-0.4791i	0.0006+0.0223i	0.9601-0.0933i	-0.3380+0.5069i	0.5500+0.2737i
7.3	0.7070-0.2826i	-0.0260-0.0201i	1.1603+0.8895i	0.7054-0.4565i	0.0075+0.0138i	1.0774-0.1684i	0.0907+0.5366i	0.6673-0.0724i
7.4	0.5572-0.1960i	-0.0375-0.0293i	1.4902+0.5335i	0.5193-0.3276i	0.0379+0.0025i	1.1195-0.2684i	0.3738+0.2528i	0.3201-0.5949i
7.5	0.5435-0.0892i	-0.0436-0.0172i	1.5208+0.2338i	0.5095-0.1829i	0.0286-0.0009i	1.1662-0.2808i	0.3563+0.0639i	-0.0486-0.4254i
7.6	0.5734-0.0054i	-0.0423-0.0093i	1.5001+0.0356i	0.5609-0.0727i	0.0176-0.0105i	1.2817-0.2768i	0.3192-0.0534i	-0.1136-0.1575i
7.7	0.6210+0.0175i	-0.0390-0.0065i	1.4894-0.0545i	0.6248-0.0436i	0.0172+0.0064i	1.3991-0.3189i	0.2857-0.1091i	-0.0282-0.0439i
7.8	0.6661+0.0192i	-0.0345-0.0081i	1.4973-0.1471i	0.6789-0.0475i	0.0149+0.0199i	1.5191-0.4538i	0.2306-0.1601i	0.0457-0.0499i
7.9	0.6740+0.0005i	-0.0352-0.0102i	1.5448-0.2216i	0.6909-0.0685i	0.0189+0.0039i	1.5953-0.5731i	0.2313-0.2123i	0.1175-0.1274i
8.0	0.6820+0.0052i	-0.0346-0.0090i	1.5946-0.2882i	0.7012-0.0593i	0.0208-0.0011i	1.6558-0.6330i	0.2007-0.2960i	0.0678-0.2529i
8.1	0.7174+0.0025i	-0.0287-0.0107i	1.6366-0.3576i	0.7415-0.0650i	0.0151+0.0085i	1.7362-0.7207i	0.0911-0.3230i	-0.0842-0.2180i
8.2	0.7351+0.0052i	-0.0297-0.0132i	1.7225-0.4126i	0.7612-0.0563i	0.0172+0.0222i	1.8416-0.7557i	0.0334-0.3268i	-0.0982-0.1513i
8.3	0.7506+0.0078i	-0.0306-0.0139i	1.8525-0.5047i	0.7851-0.0511i	0.0269+0.0193i	2.0357-0.8426i	-0.0262-0.3227i	-0.1178-0.1431i
8.4	0.7754+0.0022i	-0.0306-0.0140i	1.9724-0.5584i	0.8175-0.0575i	0.0230+0.0132i	2.2138-0.9016i	-0.0720-0.3083i	-0.1491-0.1233i
8.5	0.8228-0.0164i	-0.0288-0.0159i	2.1855-0.7001i	0.8797-0.0778i	0.0296-0.0098i	2.5312-1.0827i	-0.1495-0.2548i	-0.1713-0.0729i
8.6	0.8569-0.0302i	-0.0309-0.0191i	2.3887-0.8600i	0.9281-0.0997i	0.0227-0.0236i	2.8191-1.2985i	-0.1871-0.2201i	-0.1461-0.0429i
8.7	0.8852-0.0773i	-0.0365-0.0230i	2.6688-1.1422i	0.9687-0.1577i	0.0399-0.0015i	3.1984-1.6857i	-0.2083-0.1574i	-0.1279-0.1135i
8.8	0.9357-0.1262i	-0.0389-0.0246i	3.0167-1.4787i	1.0351-0.2188i	0.0405-0.0357i	3.6777-2.1472i	-0.2431-0.0986i	-0.1161-0.3048i
8.9	0.9650-0.1848i	-0.0300-0.0250i	3.2852-1.9984i	1.0773-0.3010i	0.0527-0.0156i	4.0288-2.8549i	-0.2495-0.0202i	-0.6820-0.4777i
9.0	0.9759-0.3041i	-0.0337-0.0504i	3.3576-2.9568i	1.0922-0.4595i	0.0449-0.0399i	4.1047-4.1617i	-0.0929+0.1679i	-1.1026+0.5731i
9.1	0.9386-0.3524i	-0.0541-0.0651i	3.2039-3.3688i	1.0525-0.5259i	-0.0089-0.0738i	3.8614-4.7086i	0.1293+0.0598i	-0.4021+1.1126i
9.2	1.0205-0.4913i	-0.0736-0.0752i	3.8910-4.7182i	1.1696-0.7297i	-0.0004-0.1020i	4.7865-6.5000i	-0.0049-0.1699i	-0.0617+0.7478i
9.3	0.9071-0.7742i	-0.1164-0.0746i	2.7939-7.2147i	1.0038-1.1262i	-0.0539-0.0947i	3.2820-9.8602i	-0.1294-0.0931i	-0.0022+0.9309i
9.4	0.5894-0.9794i	-0.1692-0.0487i	-0.1108-8.9300i	0.5471-1.4087i	-0.1092-0.0842i	-0.6733-12.1371i	-0.1564+0.0078i	0.4030+1.1289i
9.5	0.2144-0.7827i	-0.1813+0.0258i	-3.3008-7.0849i	0.0286-1.1215i	-0.1336-0.0081i	-4.9658-9.5868i	-0.0766+0.0594i	0.9605+0.7425i
9.6	0.0961-0.5201i	-0.1551+0.0738i	-4.2611-4.8221i	-0.1318-0.7526i	-0.1389+0.0303i	-6.2324-6.4999i	-0.0177+0.0524i	1.0997+0.2045i
9.7	0.0943-0.3462i	-0.1259+0.1033i	-4.1962-3.3624i	-0.1249-0.5091i	-0.1144+0.0691i	-6.1182-4.5161i	0.0210+0.0404i	1.0154-0.1946i
9.8	0.1338-0.2406i	-0.0995+0.1176i	-3.8474-2.4809i	-0.0662-0.3628i	-0.0690+0.0872i	-5.6295-3.3260i	0.0390+0.0168i	0.7989-0.4504i
9.9	0.1911-0.1468i	-0.0666+0.1240i	-3.3735-1.6949i	0.0150-0.2324i	-0.0345+0.0945i	-4.9737-2.2659i	0.0452-0.0107i	0.4350-0.6266i
10.0	0.2357-0.1070i	-0.0405+0.1181i	-3.0102-1.3070i	0.0788-0.1735i	-0.0195+0.1054i	-4.4738-1.7425i	0.0431-0.0279i	0.2134-0.5970i
10.1	0.2800-0.0825i	-0.0208+0.1034i	-2.6684-1.0680i	0.1389-0.1378i	0.0118+0.0818i	-4.0075-1.4180i	0.0413-0.0411i	0.0420-0.4636i
10.2	0.3145-0.0549i	-0.0056+0.0962i	-2.3731-0.9106i	0.1887-0.1021i	0.0375+0.0815i	-3.6058-1.2005i	0.0454-0.0483i	-0.0377-0.3534i
10.3	0.3387-0.0437i	-0.0017+0.0903i	-2.1974-0.8713i	0.2208-0.0891i	0.0201+0.0793i	-3.3568-1.1430i	0.0378-0.0607i	-0.0341-0.3220i
10.4	0.3597-0.0353i	0.0102+0.0836i	-2.0818-0.7949i	0.2513-0.0752i	0.0195+0.0669i	-3.1778-1.0450i	0.0138-0.0583i	-0.0706-0.3017i
10.5	0.3779-0.0230i	0.0240+0.0755i	-2.0148-0.6974i	0.2740-0.0593i	0.0463+0.0550i	-3.0780-0.9253i	0.0127-0.0542i	-0.1906-0.2961i
10.6	0.3901-0.0194i	0.0297+0.0656i	-1.9300-0.6040i	0.2906-0.0510i	0.0640+0.0513i	-2.9694-0.8110i	0.0150-0.0465i	-0.2511-0.2053i
10.7	0.4087-0.0145i	0.0369+0.0563i	-1.8200-0.5036i	0.3132-0.0398i	0.0835+0.0679i	-2.8267-0.6820i	0.0193-0.0396i	-0.2835-0.0195i
10.8	0.4189-0.0087i	0.0418+0.0451i	-1.7211-0.4417i	0.3281-0.0311i	0.0780+0.0449i	-2.6975-0.5992i	0.0311-0.0404i	-0.3136+0.0844i
10.9	0.4338+0.0015i	0.0479+0.0282i	-1.6059-0.3776i	0.3501-0.0210i	0.0742+0.0059i	-2.5473-0.5133i	0.0377-0.0401i	-0.3301+0.2560i
11.0	0.4417+0.0059i	0.0483+0.0168i	-1.5244-0.3538i	0.3622-0.0183i	0.0634-0.0046i	-2.4456-0.4776i	0.0414-0.0470i	-0.2203+0.3380i
11.1	0.4512+0.0115i	0.0437+0.0007i	-1.4411-0.3299i	0.3774-0.0109i	0.0622-0.0109i	-2.3391-0.4404i	0.0396-0.0530i	-0.0834+0.4899i
11.2	0.4599+0.0084i	0.0357-0.0036i	-1.3863-0.3137i	0.3900-0.0096i	0.0693-0.0039i	-2.2666-0.4211i	0.0367-0.0515i	0.0946+0.4775i
11.3	0.4705+0.0117i	0.0278-0.0099i	-1.3252-0.2761i	0.4050-0.0020i	0.0530-0.0142i	-2.1872-0.3735i	0.0389-0.0462i	0.2710+0.3525i
11.4	0.4761+0.0189i	0.0244-0.0122i	-1.2691-0.2522i	0.4158+0.0046i	0.0486-0.0423i	-2.1187-0.3457i	0.0446-0.0394i	0.3686+0.2489i
11.5	0.4826+0.0183i	0.0232-0.0136i	-1.2133-0.2386i	0.4260+0.0035i	0.0200-0.0122i	-2.0516-0.3307i	0.0535-0.0395i	0.4164+0.1916i
11.6	0.4896+0.0216i	0.0196-0.0169i	-1.1579-0.2209i	0.4340+0.0069i	0.0251-0.0011i	-1.9902-0.3086i	0.0686-0.0431i	0.4772+0.1067i
11.7	0.4989+0.0204i	0.0142-0.0183i	-1.1109-0.2169i	0.4463+0.0082i	0.0333-0.0103i	-1.9366-0.2994i	0.0808-0.0447i	0.5195+0.0327i
11.8	0.5096+0.0188i	0.0091-0.0196i	-1.0596-0.2141i	0.4603+0.0072i	0.0314-0.0181i	-1.8764-0.2894i	0.0876-0.0500i	0.5458-0.0599i
11.9	0.5176+0.0219i	0.0077-0.0224i	-1.0099-0.2118i	0.4708+0.0091i	0.0296-0.0192i	-1.8157-0.2758i	0.0969-0.0589i	0.5578-0.2094i

12.0	0.5241+0.0277i	0.0077-0.0226i	-0.9763-0.2162i	0.4792+0.0156i	0.0198-0.0128i	-1.7744-0.2717i	0.0991-0.0616i	0.5743-0.3393i
12.1	0.5275+0.0253i	0.0076-0.0279i	-0.9351-0.2264i	0.4851+0.0168i	0.0150-0.0153i	-1.7236-0.2754i	0.1097-0.0769i	0.5038-0.5688i
12.2	0.5326+0.0261i	0.0044-0.0341i	-0.9005-0.2432i	0.4937+0.0196i	0.0123-0.0376i	-1.6766-0.2846i	0.1107-0.0945i	0.2745-0.8155i
12.3	0.5353+0.0244i	-0.0013-0.0365i	-0.8763-0.2540i	0.5016+0.0192i	0.0251-0.0371i	-1.6432-0.2932i	0.0996-0.0989i	-0.0732-0.9153i
12.4	0.5402+0.0225i	-0.0078-0.0366i	-0.8598-0.2709i	0.5109+0.0185i	0.0023-0.0299i	-1.6183-0.3203i	0.0895-0.0943i	-0.4034-0.7571i
12.5	0.5458+0.0245i	-0.0122-0.0346i	-0.8516-0.2859i	0.5204+0.0220i	0.0000-0.0279i	-1.6060-0.3467i	0.0907-0.0919i	-0.6006-0.4825i
12.6	0.5472+0.0252i	-0.0125-0.0329i	-0.8504-0.2881i	0.5293+0.0212i	-0.0052-0.0564i	-1.6159-0.3592i	0.1019-0.0949i	-0.5754-0.1367i
12.7	0.5516+0.0281i	-0.0138-0.0348i	-0.8550-0.2838i	0.5372+0.0199i	-0.0154-0.0450i	-1.6383-0.3512i	0.1193-0.0993i	-0.3857+0.1333i
12.8	0.5551+0.0282i	-0.0149-0.0395i	-0.8506-0.2728i	0.5460+0.0206i	-0.0282-0.0534i	-1.6459-0.3327i	0.1352-0.0935i	-0.2780+0.1647i
12.9	0.5518+0.0294i	-0.0242-0.0447i	-0.8272-0.2524i	0.5548+0.0223i	-0.0404-0.0588i	-1.6329-0.2983i	0.1448-0.1019i	-0.1553+0.1961i
13.0	0.5489+0.0388i	-0.0372-0.0460i	-0.8132-0.2514i	0.5571+0.0271i	-0.0455-0.0365i	-1.6202-0.2855i	0.1584-0.1175i	-0.0965+0.2574i
13.1	0.5563+0.0450i	-0.0550-0.0387i	-0.7893-0.2432i	0.5686+0.0243i	-0.0510-0.0183i	-1.5940-0.2612i	0.1545-0.1425i	0.0491+0.1705i
13.2	0.5585+0.0529i	-0.0665-0.0234i	-0.7745-0.2529i	0.5742+0.0200i	-0.1038+0.0015i	-1.5749-0.2509i	0.1544-0.1523i	0.1306+0.1207i
13.3	0.5641+0.0644i	-0.0685+0.0027i	-0.7614-0.2725i	0.5759+0.0153i	-0.0957+0.0117i	-1.5464-0.2493i	0.1478-0.1660i	0.1839+0.0498i
13.4	0.5725+0.0807i	-0.0607+0.0210i	-0.7614-0.2698i	0.5764+0.0196i	-0.0630+0.0309i	-1.5279-0.2363i	0.1535-0.1604i	0.1566+0.0013i
13.5	0.5860+0.0869i	-0.0520+0.0274i	-0.7524-0.2589i	0.5809+0.0233i	-0.0404+0.0467i	-1.5047-0.2280i	0.1517-0.1524i	0.1320-0.0366i
13.6	0.6033+0.0961i	-0.0341+0.0298i	-0.7497-0.2398i	0.5870+0.0394i	-0.0007+0.0582i	-1.4832-0.2250i	0.1695-0.1356i	0.1370-0.0740i
13.7	0.6224+0.0943i	-0.0219+0.0201i	-0.7287-0.2253i	0.6038+0.0474i	0.0156+0.0605i	-1.4532-0.2236i	0.2066-0.1434i	0.1308-0.1228i
13.8	0.6366+0.0910i	-0.0123+0.0144i	-0.7115-0.2264i	0.6148+0.0500i	0.0103+0.0339i	-1.4286-0.2347i	0.2671-0.1532i	0.1350-0.1583i
13.9	0.6447+0.0873i	-0.0094+0.0094i	-0.7003-0.2267i	0.6205+0.0509i	0.0059+0.0346i	-1.4062-0.2539i	0.3576-0.1776i	0.0931-0.2391i
14.0	0.6549+0.0857i	-0.0111+0.0056i	-0.6749-0.2273i	0.6341+0.0507i	0.0087+0.0245i	-1.3846-0.2737i	0.4509-0.2982i	-0.0117-0.2619i
14.1	0.6641+0.0987i	-0.0155+0.0100i	-0.6520-0.2088i	0.6483+0.0633i	0.0140+0.0194i	-1.3676-0.2889i	0.4877-0.5045i	-0.1010-0.2291i
14.2	0.6817+0.1120i	-0.0047+0.0198i	-0.6280-0.2055i	0.6664+0.0761i	0.0339+0.0319i	-1.3676-0.3162i	0.3262-0.7761i	-0.0725-0.1158i
14.3	0.7023+0.1056i	0.0169+0.0269i	-0.5942-0.2263i	0.6920+0.0712i	0.0332+0.0344i	-1.3653-0.3544i	0.0073-0.8056i	-0.0488+0.0660i
14.4	0.7211+0.0929i	0.0339+0.0098i	-0.5758-0.2399i	0.7098+0.0573i	0.0042+0.0264i	-1.3798-0.3743i	-0.1787-0.6382i	0.0299+0.0830i
14.5	0.7337+0.0773i	0.0359-0.0095i	-0.5492-0.2492i	0.7244+0.0441i	0.0496-0.0222i	-1.3772-0.3795i	-0.1950-0.4696i	0.1992-0.0273i
14.6	0.7377+0.0664i	0.0369-0.0232i	-0.5240-0.2710i	0.7350+0.0312i	0.0366-0.0450i	-1.3688-0.3985i	-0.1528-0.3701i	0.2898-0.1049i
14.7	0.7439+0.0550i	0.0303-0.0386i	-0.5048-0.3134i	0.7430+0.0179i	0.0670-0.0574i	-1.3746-0.4646i	-0.0886-0.3315i	0.3018-0.2428i
14.8	0.7524+0.0427i	0.0258-0.0520i	-0.5104-0.3511i	0.7505+0.0061i	0.0426-0.0703i	-1.4199-0.5205i	-0.0556-0.3162i	0.3019-0.4248i
14.9	0.7487+0.0387i	0.0183-0.0591i	-0.5483-0.3636i	0.7446-0.0007i	0.0308-0.0737i	-1.5117-0.5281i	-0.0426-0.2952i	0.1802-0.5486i
15.0	0.7485+0.0401i	0.0037-0.0638i	-0.5721-0.3462i	0.7481+0.0014i	-0.0232-0.0718i	-1.6042-0.4797i	-0.0154-0.3174i	-0.0124-0.5532i
15.1	0.7533+0.0433i	-0.0052-0.0632i	-0.5678-0.3238i	0.7538+0.0059i	-0.0457-0.0650i	-1.6541-0.4121i	0.0271-0.3272i	-0.1907-0.5039i
15.2	0.7553+0.0385i	-0.0101-0.0655i	-0.5549-0.3145i	0.7558+0.0050i	-0.0198-0.0559i	-1.6597-0.3598i	0.0494-0.3375i	-0.2736-0.4251i
15.3	0.7522+0.0306i	-0.0184-0.0672i	-0.5455-0.3106i	0.7565-0.0011i	-0.0052-0.0524i	-1.6516-0.3222i	0.0377-0.3675i	-0.2956-0.3338i
15.4	0.7545+0.0330i	-0.0219-0.0685i	-0.5283-0.3017i	0.7623+0.0029i	-0.0512-0.0816i	-1.6503-0.2849i	0.0572-0.4103i	-0.3299-0.2765i
15.5	0.7609+0.0308i	-0.0266-0.0739i	-0.4965-0.3043i	0.7725-0.0015i	-0.0621-0.0728i	-1.6234-0.2657i	0.0579-0.4393i	-0.3813-0.2161i
15.6	0.7628+0.0260i	-0.0387-0.0782i	-0.4660-0.3145i	0.7811-0.0057i	-0.0825-0.0954i	-1.6045-0.2519i	0.0277-0.4737i	-0.3703-0.1227i
15.7	0.7657+0.0294i	-0.0504-0.0782i	-0.4404-0.3219i	0.7930+0.0007i	-0.0708-0.1151i	-1.5984-0.2401i	0.0172-0.4944i	-0.3704-0.0587i
15.8	0.7710+0.0291i	-0.0552-0.0822i	-0.4047-0.3301i	0.8043-0.0007i	-0.0577-0.1020i	-1.5780-0.2248i	0.0256-0.5077i	-0.3429-0.0396i
15.9	0.7698+0.0316i	-0.0695-0.0785i	-0.3716-0.3606i	0.8104-0.0058i	-0.0800-0.0679i	-1.5807-0.2308i	0.0511-0.5786i	-0.2967-0.0123i
16.0	0.7655+0.0355i	-0.0863-0.0703i	-0.3515-0.4113i	0.8140-0.0108i	-0.1071-0.0671i	-1.5762-0.2294i	0.0229-0.6783i	-0.2602+0.0116i
16.1	0.7606+0.0394i	-0.1009-0.0664i	-0.3710-0.4517i	0.8120-0.0159i	-0.1615-0.0292i	-1.5910-0.2185i	-0.0556-0.7221i	-0.2885-0.0272i
16.2	0.7622+0.0479i	-0.1135-0.0545i	-0.3903-0.4521i	0.8146-0.0113i	-0.1449-0.0195i	-1.5927-0.1925i	-0.1751-0.7275i	-0.3982+0.0501i
16.3	0.7670+0.0593i	-0.1221-0.0396i	-0.3699-0.4535i	0.8246-0.0040i	-0.1689+0.0017i	-1.5678-0.1647i	-0.2675-0.7109i	-0.3865+0.2284i
16.4	0.7685+0.0686i	-0.1370-0.0179i	-0.3316-0.4821i	0.8333+0.0004i	-0.1956+0.0234i	-1.5177-0.1735i	-0.3090-0.6533i	-0.2391+0.4067i
16.5	0.7760+0.0794i	-0.1382+0.0152i	-0.3122-0.5338i	0.8406+0.0045i	-0.2015+0.0653i	-1.4990-0.2195i	-0.3111-0.5813i	-0.0746+0.4195i
16.6	0.7870+0.0924i	-0.1111+0.0423i	-0.3415-0.5837i	0.8441+0.0075i	-0.1716+0.1222i	-1.5111-0.2510i	-0.2750-0.6048i	0.1266+0.3884i
16.7	0.7942+0.1051i	-0.0914+0.0514i	-0.3834-0.5902i	0.8480+0.0119i	-0.1484+0.1351i	-1.5259-0.2644i	-0.3124-0.7279i	0.3666+0.2384i
16.8	0.8035+0.1229i	-0.0751+0.0531i	-0.3701-0.5455i	0.8581+0.0254i	-0.1090+0.1235i	-1.5554-0.2965i	-0.5296-0.6724i	0.2054-0.1223i
16.9	0.8145+0.1399i	-0.0694+0.0660i	-0.3366-0.5580i	0.8737+0.0365i	-0.0652+0.1808i	-1.5923-0.3069i	-0.6016-0.4873i	0.0665-0.1882i
17.0	0.8437+0.1535i	-0.0550+0.0686i	-0.2935-0.6226i	0.9061+0.0440i	-0.0509+0.1811i	-1.6196-0.2679i	-0.4426-0.4244i	0.0287-0.2238i
17.1	0.8652+0.1602i	-0.0303+0.0580i	-0.3225-0.7061i	0.9209+0.0362i	-0.0615+0.1630i	-1.6379-0.2286i	-0.3329-0.6241i	-0.0027-0.2676i
17.2	0.8849+0.1824i	-0.0099+0.0364i	-0.3379-0.6586i	0.9356+0.0548i	-0.0388+0.1307i	-1.6624-0.2393i	-0.4769-0.5160i	-0.2213-0.0899i
17.3	0.9055+0.1953i	-0.0182+0.0290i	-0.2742-0.6692i	0.9604+0.0656i	-0.0461+0.1279i	-1.7031-0.2009i	-0.4101-0.4222i	-0.1629+0.0914i
17.4	0.9354+0.2044i	-0.0262+0.0287i	-0.2698-0.7809i	0.9870+0.0580i	-0.0823+0.1435i	-1.7285-0.0903i	-0.3321-0.5710i	0.0430-0.0205i
17.5	0.9615+0.2123i	-0.0200+0.0246i	-0.3295-0.8186i	1.0084+0.0625i	-0.0189+0.1303i	-1.6889-0.0506i	-0.4125-0.6577i	-0.0442-0.0754i
17.6	1.0000+0.2119i	-0.0105+0.0150i	-0.3640-0.8160i	1.0364+0.0671i	-0.0030+0.1476i	-1.6509-0.0159i	-0.5153-0.6836i	-0.1188+0.0574i
17.7	1.0427+0.2128i	-0.0098+0.0060i	-0.3595-0.8056i	1.0725+0.0684i	-0.0470+0.1071i	-1.6261+0.0195i	-0.6034-0.6497i	-0.0110+0.0918i
17.8	1.0790+0.1906i	-0.0142-0.0021i	-0.3530-0.8228i	1.1054+0.0424i	-0.0215+0.1074i	-1.5512+0.0487i	-0.6991-0.6164i	0.0758-0.0006i
17.9	1.1155+0.1792i	-0.0131-0.0038i	-0.3560-0.8388i	1.1389+0.0294i	-0.0305+0.0698i	-1.4853+0.0736i	-0.7362-0.5798i	0.0779-0.0417i
18.0	1.1519+0.1707i	-0.0146-0.0037i	-0.3325-0.8426i	1.1733+0.0203i	-0.0608+0.0575i	-1.4482+0.0640i	-0.7618-0.5103i	0.0487-0.0931i
18.1	1.1705+0.1452i	-0.0206-0.0081i	-0.2998-0.8654i	1.1940-0.0056i	-0.0433+0.0558i	-1.4166+0.0575i	-0.7334-0.4444i	0.0010-0.1046i
18.2	1.1799+0.1218i	-0.0239-0.0074i	-0.2879-0.8955i	1.2012-0.0237i	-0.0474+0.0748i	-1.3875+0.0681i	-0.7065-0.4208i	-0.0479-0.0662i

18.3	1.1897+0.0998i	-0.0189-0.0105i	-0.2902-0.9130i	1.2099-0.0465i	-0.0389+0.0990i	-1.3152+0.1068i	-0.7260-0.3914i	-0.0469-0.0400i
18.4	1.1871+0.0751i	-0.0171-0.0126i	-0.3046-0.9033i	1.2024-0.0694i	-0.0482+0.1126i	-1.1661+0.1509i	-0.7830-0.3517i	-0.0038-0.0580i
18.5	1.1772+0.0791i	-0.0213-0.0106i	-0.2273-0.8545i	1.1926-0.0553i	-0.0344+0.1006i	-0.9243+0.1362i	-0.7675-0.3209i	0.0176-0.0892i
18.6	1.2117+0.1062i	-0.0200-0.0074i	-0.0182-0.8925i	1.2496-0.0164i	-0.0114+0.1240i	-0.6498-0.2175i	-0.7238-0.3152i	-0.0026-0.0784i
18.7	1.2638+0.0737i	-0.0221-0.0140i	0.0882-1.1411i	1.3337-0.0659i	-0.0344+0.1265i	-0.8404-0.5752i	-0.7422-0.3287i	-0.0043-0.0321i
18.8	1.2693+0.0393i	-0.0256-0.0156i	0.0443-1.3485i	1.3507-0.1266i	-0.0431+0.1319i	-1.0530-0.6407i	-0.7361-0.3418i	0.0324-0.0702i
18.9	1.2725-0.0019i	-0.0235-0.0167i	-0.0226-1.4913i	1.3564-0.1975i	-0.0329+0.1203i	-1.1275-0.6300i	-0.7651-0.3723i	0.0467-0.1209i
19.0	1.2689-0.0298i	-0.0285-0.0216i	-0.0484-1.5983i	1.3527-0.2440i	-0.0828+0.1341i	-1.1339-0.6393i	-0.8150-0.4132i	0.0405-0.1009i
19.1	1.2491-0.0427i	-0.0359-0.0219i	-0.1082-1.7205i	1.3316-0.2790i	-0.1064+0.1710i	-1.1628-0.6726i	-0.8595-0.4118i	0.0191-0.0827i
19.2	1.2345-0.0586i	-0.0454-0.0192i	-0.2071-1.8545i	1.3108-0.3199i	-0.1264+0.1792i	-1.2227-0.7113i	-0.9088-0.3834i	0.0319-0.0835i
19.3	1.2220-0.0689i	-0.0477-0.0214i	-0.3059-1.9715i	1.2892-0.3518i	-0.1347+0.1742i	-1.2790-0.7547i	-0.9800-0.3939i	0.0620-0.1132i
19.4	1.1982-0.0868i	-0.0443-0.0144i	-0.4434-2.0581i	1.2444-0.3969i	-0.1295+0.2290i	-1.3336-0.7665i	-1.0833-0.3271i	0.0597-0.1301i
19.5	1.1576-0.0819i	-0.0539-0.0065i	-0.5867-2.1072i	1.1770-0.4094i	-0.1059+0.3082i	-1.3640-0.7331i	-1.1215-0.2639i	0.0485-0.1357i
19.6	1.1148-0.0680i	-0.0604-0.0016i	-0.6953-2.1583i	1.1075-0.4097i	-0.0842+0.3800i	-1.3362-0.7071i	-1.1413-0.1922i	0.0441-0.1624i
19.7	1.0918-0.0340i	-0.0552-0.0010i	-0.8254-2.2436i	1.0501-0.3946i	-0.0315+0.4062i	-1.2821-0.7222i	-1.1823-0.1275i	0.0370-0.2056i
19.8	1.0763+0.0019i	-0.0446+0.0015i	-0.9827-2.2749i	0.9889-0.3618i	0.0762+0.3967i	-1.2188-0.7665i	-1.2334-0.0748i	0.0394-0.2415i
19.9	1.0639+0.0566i	-0.0464+0.0004i	-1.1283-2.2235i	0.9403-0.2867i	0.1377+0.3635i	-1.1675-0.8637i	-1.2223+0.0568i	0.0028-0.2688i
20.0	1.0279+0.1089i	-0.0550-0.0025i	-1.2549-2.1607i	0.8800-0.2057i	0.1691+0.3519i	-1.0948-0.9644i	-1.2197+0.1513i	-0.0303-0.2898i
20.1	1.0048+0.1802i	-0.0561-0.0031i	-1.2983-2.1057i	0.8495-0.1069i	0.1829+0.2996i	-1.0621-1.1161i	-1.1562+0.2041i	-0.0593-0.2898i
20.2	0.9996+0.2623i	-0.0642-0.0098i	-1.3126-2.0805i	0.8479-0.0018i	0.1900+0.2295i	-1.0830-1.2947i	-1.0986+0.2615i	-0.0785-0.2732i
20.3	1.0005+0.3694i	-0.0670-0.0049i	-1.3083-2.0606i	0.8483+0.1230i	0.1577+0.1874i	-1.0865-1.4491i	-1.0951+0.2611i	-0.0878-0.2820i
20.4	0.9968+0.4527i	-0.0683+0.0015i	-1.2708-2.1166i	0.8442+0.2101i	0.1906+0.1992i	-1.0422-1.6339i	-1.0524+0.2907i	-0.1113-0.2939i
20.5	1.0137+0.5728i	-0.0776+0.0107i	-1.2839-2.1989i	0.8634+0.3345i	0.1892+0.2260i	-1.0604-1.8752i	-1.0271+0.3324i	-0.1342-0.3138i
20.6	1.0592+0.7356i	-0.0776+0.0292i	-1.2923-2.3142i	0.9136+0.5027i	0.1379+0.2408i	-1.1455-2.1907i	-1.0432+0.3860i	-0.1546-0.3282i
20.7	1.1835+0.8933i	-0.0754+0.0425i	-1.4059-2.4921i	1.0363+0.6549i	0.1251+0.2729i	-1.3809-2.4839i	-0.9712+0.4135i	-0.2010-0.3351i
20.8	1.3239+0.9954i	-0.0741+0.0491i	-1.5482-2.6273i	1.1616+0.7466i	0.1876+0.3717i	-1.6420-2.6815i	-0.9492+0.4659i	-0.2389-0.3348i
20.9	1.5459+1.1359i	-0.0711+0.0537i	-1.7959-2.7514i	1.3563+0.8914i	0.2495+0.3392i	-1.9354-2.8726i	-0.9192+0.4634i	-0.2874-0.3079i
21.0	1.7025+1.2192i	-0.0640+0.0696i	-1.9814-2.8381i	1.5073+0.9866i	0.2900+0.2850i	-2.2141-3.0642i	-0.8811+0.4355i	-0.3063-0.2919i
21.1	1.9955+1.2739i	-0.0479+0.0887i	-2.2853-2.8164i	1.7994+1.0664i	0.2829+0.1743i	-2.6837-3.1686i	-0.8743+0.4150i	-0.3302-0.2537i
21.2	2.2508+1.2692i	-0.0175+0.0835i	-2.5540-2.7727i	2.0618+1.0796i	0.2465+0.1160i	-3.1447-3.1521i	-0.8513+0.4330i	-0.3529-0.2268i
21.3	2.4819+1.1974i	-0.0051+0.0823i	-2.7595-2.6945i	2.2907+1.0220i	0.2344+0.0844i	-3.4888-3.0980i	-0.8534+0.4419i	-0.3608-0.2079i
21.4	2.6808+1.0969i	0.0267+0.0657i	-3.0308-2.5691i	2.4927+0.9365i	0.2178+0.0637i	-3.9286-2.9591i	-0.7915+0.4603i	-0.3713-0.1726i
21.5	2.8154+0.9826i	0.0388+0.0654i	-3.1783-2.4263i	2.6367+0.8380i	0.2176+0.0576i	-4.1439-2.7666i	-0.7848+0.5074i	-0.3608-0.1571i
21.6	2.9664+0.8236i	0.0412+0.0492i	-3.2666-2.2490i	2.7988+0.6744i	0.2346+0.1108i	-4.2931-2.5184i	-0.7607+0.5114i	-0.3502-0.1472i
21.7	3.0893+0.7055i	0.0495+0.0491i	-3.4202-2.1344i	2.9282+0.5629i	0.2712+0.1103i	-4.5329-2.3778i	-0.6863+0.4692i	-0.3535-0.1285i
21.8	3.2037+0.5731i	0.0517+0.0559i	-3.5242-1.9618i	3.0491+0.4383i	0.1984+0.0915i	-4.6231-2.1922i	-0.6736+0.4318i	-0.3301-0.1163i
21.9	3.2744+0.5075i	0.0712+0.0497i	-3.6656-1.8593i	3.1301+0.3712i	0.1471+0.1172i	-4.8759-2.0440i	-0.6549+0.4503i	-0.3161-0.1308i
22.0	3.3566+0.3720i	0.0702+0.0499i	-3.7329-1.6898i	3.2188+0.2325i	0.1769+0.1230i	-4.9988-1.8788i	-0.6610+0.4065i	-0.3205-0.1442i
22.1	3.4064+0.2970i	0.0681+0.0431i	-3.7499-1.5413i	3.2731+0.1562i	0.1940+0.1282i	-5.0632-1.7043i	-0.6617+0.4568i	-0.3271-0.1562i
22.2	3.4767+0.1599i	0.0944-0.0058i	-3.8139-1.3950i	3.3554+0.0075i	0.2390+0.0491i	-5.1679-1.6524i	-0.6810+0.5330i	-0.3553-0.2132i
22.3	3.5425+0.0869i	0.0961+0.0139i	-3.8831-1.2847i	3.4187-0.0580i	0.2441+0.1340i	-5.2504-1.5357i	-0.5917+0.4411i	-0.4166-0.2223i
22.4	3.6196+0.0363i	0.1017+0.0211i	-3.9607-1.1335i	3.4893-0.1018i	0.2301+0.1054i	-5.3538-1.3523i	-0.4915+0.3709i	-0.4652-0.2250i
22.5	3.7063-0.0225i	0.1210-0.0156i	-3.9942-0.9729i	3.5828-0.1522i	0.2898+0.0278i	-5.4492-1.2447i	-0.4669+0.2690i	-0.5188-0.2020i
22.6	3.7878-0.0728i	0.0980-0.0389i	-4.0166-0.7693i	3.6698-0.1971i	0.3262+0.0211i	-5.5806-1.0861i	-0.5110+0.1335i	-0.5590-0.1676i
22.7	3.8832-0.1277i	0.1031-0.0707i	-3.9842-0.6010i	3.7814-0.2528i	0.2698+0.0155i	-5.6508-1.0277i	-0.5826+0.0564i	-0.5956-0.1282i
22.8	4.0217-0.2042i	0.0866-0.1098i	-3.9280-0.4496i	3.9379-0.3270i	0.2705-0.0588i	-5.7744-0.9784i	-0.7357+0.0495i	-0.6261-0.1048i
22.9	4.1174-0.3356i	0.0301-0.1232i	-3.8014-0.3201i	4.0526-0.4557i	0.1460-0.0855i	-5.8306-0.8041i	-0.8737+0.0786i	-0.6153-0.0629i
23.0	4.2193-0.4372i	0.0299-0.1239i	-3.7193-0.2901i	4.1726-0.5732i	0.1496-0.0978i	-5.9152-0.7387i	-0.7705+0.1554i	-0.6494-0.0556i
23.1	4.3451-0.4950i	0.0544-0.1128i	-3.7653-0.2398i	4.2992-0.6263i	0.2699-0.1175i	-6.1617-0.6224i	-0.7345+0.0173i	-0.7128-0.0272i
23.2	4.4639-0.6061i	0.0284-0.1434i	-3.6673-0.1054i	4.4342-0.7326i	0.2429-0.1450i	-6.1886-0.4587i	-0.8699-0.0886i	-0.7227+0.0415i
23.3	4.5991-0.7237i	0.0141-0.1074i	-3.5851-0.0772i	4.5957-0.8555i	0.1568-0.1008i	-6.1657-0.3778i	-0.9836-0.0924i	-0.7307+0.0789i
23.4	4.7527-0.8106i	0.0357-0.0957i	-3.5075-0.0906i	4.7752-0.9547i	0.1648-0.0563i	-6.2309-0.3412i	-1.0543-0.1969i	-0.7505+0.1209i
23.5	4.9269-0.9628i	0.0243-0.0966i	-3.4210-0.0623i	4.9779-1.1226i	0.2296-0.0489i	-6.3785-0.2700i	-1.2075-0.2364i	-0.7702+0.1790i
23.6	5.1166-1.1866i	0.0153-0.1199i	-3.3384-0.0640i	5.1910-1.3641i	0.1347-0.1233i	-6.5016-0.1379i	-1.3694-0.2686i	-0.7815+0.2492i
23.7	5.2718-1.3145i	0.0020-0.1066i	-3.2392-0.1391i	5.3873-1.5244i	0.0367-0.1674i	-6.5302-0.1186i	-1.5347-0.2862i	-0.7905+0.3123i
23.8	5.4055-1.5424i	0.0370-0.1038i	-3.2077-0.2431i	5.5467-1.7861i	0.0664-0.1167i	-6.5502-0.1967i	-1.8358-0.2113i	-0.7434+0.3492i
23.9	5.5573-1.7940i	0.0371-0.1210i	-3.2157-0.3733i	5.7284-2.0763i	-0.0918-0.1326i	-6.5939-0.2242i	-2.2005-0.0708i	-0.6952+0.3904i
24.0	5.7448-2.0732i	0.0273-0.1347i	-3.2291-0.4831i	5.9565-2.4361i	-0.3043+0.1260i	-6.7053-0.3545i	-2.3534-0.0429i	-0.6718+0.4668i
24.1	5.9198-2.2914i	0.0118-0.1176i	-3.3329-0.6492i	6.1289-2.7219i	-0.2996+0.2079i	-6.9133-0.4766i	-2.5674+0.2217i	-0.6446+0.5031i
24.2	6.0342-2.5915i	-0.0027-0.1289i	-3.4418-0.8187i	6.2203-3.0890i	-0.1806+0.2204i	-7.2388-0.6380i	-2.7502+0.3943i	-0.6098+0.5188i
24.3	6.1620-2.9342i	-0.0093-0.1331i	-3.6523-0.9411i	6.3252-3.4927i	-0.0451+0.2737i	-7.8050-0.8183i	-2.8273+0.4645i	-0.6094+0.5123i
24.4	6.3077-3.3680i	0.0396-0.1220i	-3.9356-1.1179i	6.4688-4.0086i	-0.0404+0.3317i	-8.5839-1.1112i	-3.1786+0.4668i	-0.6360+0.5059i
24.5	6.3462-3.8759i	0.0456-0.1429i	-4.2741-1.2650i	6.4601-4.6002i	-0.0014+0.4919i	-9.4529-1.0971i	-3.8760+0.8264i	-0.6446+0.5268i

24.6	6.4524-4.2853i	0.0701-0.1389i	-4.6591-1.2537i	6.5242-5.1026i	-0.0546+0.6518i	-10.5059-0.9101i	-4.2445+1.5636i	-0.6939+0.6004i
24.7	6.6353-4.8169i	0.0636-0.1628i	-5.2286-1.3619i	6.6508-5.7536i	0.0830+0.6612i	-11.9549-0.5535i	-4.6746+2.8474i	-0.7030+0.6578i
24.8	6.5880-5.4354i	0.0605-0.1980i	-5.6649-1.2149i	6.5100-6.4483i	0.2681+0.8064i	-12.9831+0.4341i	-4.2280+3.6615i	-0.6999+0.7825i
24.9	6.4428-5.8558i	0.0623-0.2081i	-6.0006-1.0084i	6.2689-6.9052i	0.3820+0.7698i	-13.4814+1.2660i	-3.7372+3.9345i	-0.6956+0.8607i
25.0	6.1515-6.4288i	0.0449-0.2455i	-6.6446-0.7306i	5.8246-7.5211i	0.5331+0.6947i	-14.3823+2.4318i	-3.5654+4.3900i	-0.6451+0.9982i
25.1	5.8634-7.1478i	0.0350-0.2514i	-7.3171-0.2890i	5.3835-8.2653i	0.6536+0.6100i	-15.3432+3.8738i	-3.2785+5.4758i	-0.5325+1.1225i
25.2	5.3941-7.8121i	0.0200-0.2491i	-7.9764+0.4777i	4.7478-8.8882i	0.7590+0.5475i	-15.9270+5.8527i	-1.8182+6.5515i	-0.4178+1.2053i
25.3	5.0451-8.1169i	0.0278-0.2606i	-8.3647+1.0429i	4.2868-9.1440i	0.8982+0.5055i	-16.1174+7.2359i	-0.3556+6.0438i	-0.3351+1.2909i
25.4	4.5549-8.4981i	-0.0068-0.2791i	-8.7364+2.2502i	3.6575-9.4184i	0.9884+0.4182i	-16.2686+9.6178i	0.0291+4.7929i	-0.1185+1.3871i
25.5	4.2451-8.8748i	0.0024-0.2896i	-8.8278+3.2222i	3.2857-9.7084i	1.0989+0.2478i	-16.0349+11.5248i	-0.3568+4.4686i	0.0914+1.3551i
25.6	3.6640-9.4369i	0.0133-0.3104i	-8.5618+4.5535i	2.6482-10.1752i	1.2088-0.0158i	-14.8983+14.3175i	-0.4428+4.7810i	0.2973+1.2675i
25.7	2.9935-9.9031i	-0.0295-0.3566i	-8.0269+5.6026i	1.9151-10.5798i	1.1148-0.1657i	-13.1089+16.5947i	-0.2528+5.3234i	0.3804+1.1516i
25.8	2.2669-10.2262i	-0.0820-0.3911i	-7.4605+6.2778i	1.1036-10.8399i	1.0758-0.1805i	-11.1050+17.7709i	-0.2142+5.4918i	0.4124+1.0515i
25.9	1.4574-10.0803i	-0.1088-0.3737i	-6.6705+6.9318i	0.2638-10.5307i	1.0022-0.2688i	-9.0249+17.9879i	0.1870+6.1188i	0.4249+1.0558i
26.0	0.9259-10.1811i	-0.1177-0.3519i	-6.0448+7.7845i	-0.2704-10.5127i	0.9391-0.4123i	-7.5887+19.0671i	0.9614+7.0048i	0.5483+1.0664i
26.1	0.0407-10.1701i	-0.1327-0.3574i	-4.7696+8.3233i	-1.1065-10.3917i	0.9538-0.4768i	-4.9384+19.6525i	2.3600+7.0390i	0.6858+0.9188i
26.2	-0.6169-10.1075i	-0.1603-0.3815i	-3.8222+8.5328i	-1.7614-10.2469i	0.9025-0.5480i	-2.9762+19.7133i	3.3375+6.5067i	0.7774+0.7876i
26.3	-1.2385-9.9476i	-0.2051-0.3580i	-2.8828+8.6798i	-2.3801-9.9882i	0.7194-0.6701i	-0.8761+19.5981i	4.2298+5.8584i	0.8177+0.6281i
26.4	-1.7799-9.4949i	-0.1975-0.3431i	-1.8646+8.3533i	-2.8455-9.4511i	0.6648-0.8110i	0.9852+18.3728i	4.8732+5.1605i	0.7599+0.4846i
26.5	-2.3945-9.1827i	-0.1700-0.3447i	-0.9347+8.1448i	-3.3711-9.0560i	0.5729-0.9101i	2.7316+17.4649i	5.2990+4.3597i	0.7243+0.3833i
26.6	-2.8653-9.0011i	-0.1689-0.3639i	-0.2218+8.0108i	-3.7936-8.8241i	0.4713-0.9544i	4.1141+16.9625i	5.5834+3.7098i	0.6773+0.3160i
26.7	-3.1962-8.6247i	-0.1667-0.4507i	0.4385+7.5667i	-4.0541-8.4518i	0.3581-0.9344i	5.1245+15.8996i	5.6375+3.2344i	0.6149+0.2667i
26.8	-3.4817-8.1838i	-0.2018-0.5018i	1.0097+7.0540i	-4.2638-8.0166i	0.2485-0.8316i	5.9963+14.5254i	5.4652+2.5117i	0.5740+0.2359i
26.9	-3.8303-7.6721i	-0.2517-0.5750i	1.7105+6.4416i	-4.5113-7.5149i	0.0899-0.7853i	6.9292+13.0361i	5.3316+1.9388i	0.5111+0.1946i
27.0	-4.0199-7.3178i	-0.3717-0.6132i	2.0826+5.8588i	-4.6736-7.2062i	0.0524-0.7713i	7.4612+11.8760i	5.3971+1.7408i	0.4747+0.1768i
27.1	-4.1947-6.9242i	-0.4795-0.6102i	2.3328+5.2306i	-4.8124-6.8565i	-0.0409-0.6734i	7.8110+10.5781i	5.4081+1.4485i	0.4383+0.1566i
27.2	-4.4440-6.3880i	-0.5977-0.5509i	2.5699+4.3135i	-5.0495-6.3810i	-0.1737-0.5530i	8.0398+8.6013i	5.5081+0.7890i	0.3790+0.1519i
27.3	-4.5952-6.0601i	-0.6761-0.5016i	2.6499+3.7086i	-5.2134-6.0996i	-0.1821-0.4365i	8.0638+7.3896i	5.5243+0.5652i	0.3661+0.1316i
27.4	-4.5923-5.6647i	-0.7223-0.4808i	2.4502+3.0950i	-5.2362-5.7592i	-0.1734-0.3985i	7.5123+6.3803i	5.3767+0.1024i	0.3413+0.1411i
27.5	-4.6252-5.3588i	-0.7638-0.4285i	2.3012+2.7220i	-5.3164-5.4681i	-0.1373-0.3138i	7.1643+5.5350i	5.2464-0.2826i	0.3272+0.1470i
27.6	-4.6171-4.9925i	-0.8026-0.3290i	2.1127+2.2905i	-5.3575-5.1123i	-0.0689-0.1965i	6.5671+4.3545i	5.0272-0.8440i	0.3066+0.1471i
27.7	-4.5862-4.7392i	-0.8257-0.3061i	1.8940+1.9756i	-5.3724-4.8752i	-0.0020-0.1547i	5.7755+3.7991i	4.9103-1.0288i	0.2760+0.1409i
27.8	-4.5665-4.5067i	-0.8638-0.2983i	1.7246+1.7157i	-5.3993-4.6522i	0.0231-0.1233i	5.2120+3.4587i	4.7933-1.2970i	0.2592+0.1612i
27.9	-4.4961-4.1578i	-0.9280-0.2411i	1.3816+1.3806i	-5.4214-4.2933i	0.1137-0.1540i	4.4541+2.9987i	4.5027-1.7410i	0.2652+0.1827i
28.0	-4.4324-3.9165i	-0.9886-0.1652i	1.0121+1.2939i	-5.4508-4.0051i	0.1818-0.1365i	3.8502+2.7460i	4.4657-2.1307i	0.2706+0.1734i
28.1	-4.3479-3.6986i	-1.0222-0.1161i	0.8153+1.4830i	-5.4134-3.6885i	0.2505-0.1504i	3.1170+2.7343i	4.2269-2.5984i	0.2484+0.1512i
28.2	-4.1944-3.5055i	-1.0888-0.0738i	0.9420+1.5122i	-5.2518-3.4321i	0.2796-0.2154i	2.5140+3.0770i	3.6274-2.7508i	0.2058+0.1681i
28.3	-4.1091-3.4002i	-1.1740-0.0171i	0.9296+1.2819i	-5.2056-3.3180i	0.2829-0.2467i	2.3553+3.1825i	3.4057-2.8364i	0.2082+0.2014i
28.4	-3.9847-3.2868i	-1.2450+0.0965i	0.7769+1.1102i	-5.1393-3.1495i	0.3365-0.2451i	2.1459+3.2420i	3.1428-2.9815i	0.2293+0.2154i
28.5	-3.8781-3.1992i	-1.3141+0.2650i	0.6538+1.0063i	-5.0867-2.9535i	0.3571-0.2676i	1.9315+3.2422i	2.7545-3.2085i	0.2478+0.2142i
28.6	-3.7650-3.1439i	-1.3598+0.4268i	0.5349+0.8960i	-5.0159-2.7820i	0.3924-0.3435i	1.5697+3.2077i	2.4920-3.2948i	0.2473+0.2089i
28.7	-3.7058-3.1517i	-1.3824+0.6369i	0.3919+0.8095i	-4.9847-2.6379i	0.3936-0.3986i	1.1996+3.3927i	2.2456-3.6383i	0.2455+0.2160i
28.8	-3.6689-3.1674i	-1.3607+0.8999i	0.2536+0.7312i	-4.9292-2.4668i	0.3873-0.4835i	0.9068+3.6227i	1.9196-3.9457i	0.2413+0.2163i
28.9	-3.6606-3.1754i	-1.2323+1.1045i	0.1162+0.6956i	-4.8216-2.3333i	0.3410-0.5424i	0.7725+3.9094i	1.4265-3.9431i	0.2412+0.2149i
29.0	-3.7052-3.1693i	-1.0236+1.2646i	-0.0209+0.6940i	-4.7145-2.2241i	0.2625-0.5986i	0.6796+4.2637i	0.8935-3.8148i	0.2435+0.2180i
29.1	-3.7963-3.1244i	-0.7662+1.3862i	-0.1638+0.6925i	-4.6227-2.1100i	0.1696-0.6232i	0.6456+4.6078i	0.4726-3.8469i	0.2454+0.2354i
29.2	-3.8873-3.0632i	-0.5505+1.4828i	-0.3004+0.6790i	-4.5645-2.0034i	0.1124-0.6453i	0.6840+4.8461i	0.1342-3.8701i	0.2442+0.2514i
29.3	-3.9357-2.9372i	-0.3111+1.4621i	-0.4178+0.7039i	-4.4649-1.9178i	0.0376-0.6258i	0.8259+4.9859i	-0.1393-3.7304i	0.2527+0.2623i
29.4	-4.0132-2.8034i	-0.0850+1.4386i	-0.5350+0.7401i	-4.4150-1.8232i	-0.0277-0.6083i	0.8969+5.1307i	-0.5015-3.7187i	0.2697+0.2791i
29.5	-4.0556-2.6895i	0.0507+1.3840i	-0.6182+0.7914i	-4.3892-1.7575i	-0.0428-0.5830i	1.0112+5.3985i	-0.8160-3.8072i	0.2915+0.2869i
29.6	-4.0609-2.5732i	0.1758+1.2800i	-0.6795+0.8465i	-4.3404-1.7155i	-0.0571-0.5382i	1.2881+5.5335i	-1.3947-3.5072i	0.3290+0.2791i
29.7	-4.0626-2.4186i	0.3460+1.1627i	-0.7376+0.9144i	-4.2664-1.6299i	-0.1025-0.4700i	1.4491+5.5685i	-2.1139-3.1653i	0.3635+0.2686i
29.8	-4.0750-2.3116i	0.4692+1.0992i	-0.7983+0.9538i	-4.2356-1.5616i	-0.1245-0.4293i	1.6456+5.6530i	-2.8239-2.8400i	0.3925+0.2590i
29.9	-4.0590-2.2024i	0.5229+1.0256i	-0.8259+0.9869i	-4.2018-1.4937i	-0.0842-0.3856i	1.7854+5.7590i	-3.0325-2.5349i	0.4017+0.2455i
30.0	-3.9971-2.0804i	0.5931+0.8746i	-0.9018+1.0383i	-4.1305-1.4341i	-0.0201-0.3889i	2.0246+5.8545i	-3.2861-1.2363i	0.4237+0.1974i
30.1	-3.9579-1.9498i	0.6748+0.7336i	-0.9540+1.0653i	-4.0717-1.3624i	-0.0052-0.3743i	2.2790+5.8406i	-3.5962-0.5240i	0.4469+0.1808i
30.2	-3.8909-1.8257i	0.7359+0.5729i	-1.0287+1.1672i	-3.9967-1.2828i	0.0261-0.4165i	2.5651+5.8269i	-3.4448+0.4059i	0.4529+0.1407i
30.3	-3.8328-1.7680i	0.7166+0.4498i	-1.0498+1.2814i	-3.9391-1.2497i	0.0197-0.4787i	2.7767+5.7765i	-3.1685+0.9236i	0.4464+0.1120i
30.4	-3.7785-1.7318i	0.6594+0.3324i	-1.0162+1.3968i	-3.8854-1.2444i	-0.0329-0.4991i	2.8929+5.7050i	-2.6569+1.3339i	0.4298+0.0950i
30.5	-3.7547-1.6871i	0.6281+0.2727i	-0.9510+1.4369i	-3.8547-1.2242i	-0.0541-0.4771i	3.0272+5.6980i	-2.2340+1.7035i	0.4228+0.0843i
30.6	-3.7527-1.5923i	0.6260+0.2051i	-0.8735+1.4788i	-3.8383-1.1565i	-0.0725-0.4583i	3.3102+5.6846i	-1.6926+2.1595i	0.4054+0.0626i
30.7	-3.7239-1.5289i	0.6252+0.1520i	-0.8553+1.4907i	-3.8034-1.1159i	-0.0784-0.4494i	3.5582+5.5929i	-1.0954+2.3019i	0.3891+0.0483i
30.8	-3.6950-1.4615i	0.6416+0.0665i	-0.8488+1.5086i	-3.7637-1.0834i	-0.0588-0.4499i	3.7949+5.4902i	-0.6170+2.3282i	0.3762+0.0449i

30.9	-3.6583-1.3890i	0.6122-0.0203i	-0.8325+1.5516i	-3.7306-1.0431i	-0.0552-0.4371i	3.9882+5.3231i	-0.1097+2.2809i	0.3635+0.0369i
31.0	-3.6212-1.3248i	0.5964-0.1028i	-0.8242+1.5990i	-3.6923-1.0007i	-0.0450-0.4858i	4.2083+5.1873i	0.4287+2.1759i	0.3459+0.0285i
31.1	-3.5768-1.2560i	0.5585-0.2005i	-0.7847+1.6297i	-3.6446-0.9657i	-0.0599-0.5081i	4.4612+5.0032i	0.9605+2.0304i	0.3266+0.0307i
31.2	-3.5208-1.1676i	0.4912-0.2953i	-0.7298+1.6292i	-3.5931-0.9171i	-0.0919-0.5040i	4.7059+4.7026i	1.4628+1.7188i	0.3163+0.0439i
31.3	-3.4769-1.1121i	0.4253-0.3457i	-0.7041+1.6250i	-3.5646-0.8843i	-0.1187-0.5218i	4.7836+4.4028i	1.6739+1.3393i	0.3167+0.0506i
31.4	-3.4343-1.0674i	0.3424-0.4112i	-0.6782+1.6348i	-3.5437-0.8697i	-0.1507-0.5350i	4.9041+4.1147i	1.8454+0.9383i	0.3178+0.0601i
31.5	-3.3721-1.0445i	0.2770-0.4250i	-0.6632+1.6176i	-3.4947-0.8658i	-0.1832-0.5284i	4.9486+3.8835i	1.7746+0.5018i	0.3177+0.0689i
31.6	-3.3110-0.9713i	0.1859-0.4820i	-0.6365+1.5988i	-3.4579-0.8282i	-0.2099-0.5209i	5.0011+3.5570i	1.8957+0.0304i	0.3202+0.0763i
31.7	-3.2417-0.9234i	0.0914-0.4915i	-0.5975+1.5975i	-3.4145-0.7908i	-0.2469-0.4924i	5.0223+3.2917i	1.7689-0.3585i	0.3259+0.0813i
31.8	-3.1524-0.8922i	0.0061-0.4927i	-0.5564+1.5791i	-3.3464-0.7783i	-0.2684-0.4648i	4.9965+3.0191i	1.4718-0.5871i	0.3347+0.0833i
31.9	-3.0910-0.8639i	-0.0800-0.5099i	-0.5402+1.5767i	-3.3126-0.7686i	-0.3087-0.4320i	4.9487+2.8016i	1.0956-0.8595i	0.3513+0.0849i
32.0	-3.0239-0.8286i	-0.1465-0.5067i	-0.5443+1.5671i	-3.2722-0.7443i	-0.3337-0.4249i	4.9023+2.5137i	0.8448-1.0093i	0.3626+0.0751i
32.1	-2.9455-0.7894i	-0.2510-0.4801i	-0.5300+1.5481i	-3.2322-0.7054i	-0.3616-0.4241i	4.8422+2.2613i	0.4450-1.0312i	0.3785+0.0599i
32.2	-2.8481-0.7928i	-0.3002-0.4212i	-0.5322+1.5318i	-3.1526-0.6973i	-0.3578-0.3780i	4.6861+2.0330i	0.2279-0.8174i	0.3819+0.0441i
32.3	-2.7731-0.7913i	-0.3347-0.4033i	-0.5466+1.5262i	-3.0953-0.6995i	-0.3549-0.3640i	4.5605+1.8286i	0.0580-0.7066i	0.3819+0.0347i
32.4	-2.6892-0.7906i	-0.4045-0.3629i	-0.5362+1.5493i	-3.0420-0.6875i	-0.3733-0.3546i	4.4181+1.6581i	-0.0610-0.5860i	0.3821+0.0159i
32.5	-2.5586-0.8025i	-0.4920-0.2822i	-0.5025+1.5837i	-2.9436-0.6741i	-0.3749-0.3087i	4.1730+1.4343i	-0.1105-0.4173i	0.3765-0.0081i
32.6	-2.4373-0.8350i	-0.4974-0.2310i	-0.4615+1.5805i	-2.8201-0.6990i	-0.3649-0.2703i	3.9375+1.2648i	-0.1156-0.2773i	0.3598-0.0148i
32.7	-2.3345-0.8760i	-0.4929-0.1916i	-0.3979+1.5603i	-2.7059-0.7363i	-0.3738-0.2387i	3.7330+1.1744i	-0.0812-0.1509i	0.3405-0.0225i
32.8	-2.2203-0.9224i	-0.5272-0.1712i	-0.3402+1.5151i	-2.6009-0.7951i	-0.3560-0.2259i	3.4963+1.0846i	-0.0281-0.1208i	0.3265-0.0173i
32.9	-2.0729-1.0267i	-0.5051-0.1553i	-0.2866+1.4322i	-2.4434-0.9200i	-0.3251-0.2229i	3.2406+1.0555i	0.0063-0.0325i	0.3085-0.0092i
33.0	-1.9182-1.1358i	-0.5376-0.1671i	-0.2398+1.3402i	-2.3001-1.0610i	-0.3225-0.2235i	3.0110+1.0458i	0.0404+0.0295i	0.2975-0.0023i
33.1	-1.7445-1.3184i	-0.5783-0.1513i	-0.2109+1.2382i	-2.1526-1.2735i	-0.3297-0.2025i	2.7146+1.0877i	0.0424+0.0773i	0.2793+0.0177i
33.2	-1.5483-1.5803i	-0.5186-0.2133i	-0.2161+1.0475i	-1.9387-1.6189i	-0.2477-0.1907i	2.3921+1.2122i	0.0246+0.1199i	0.2495+0.0596i
33.3	-1.4188-1.9566i	-0.4480-0.3667i	-0.2939+0.8368i	-1.8071-2.1197i	-0.1968-0.2316i	2.0930+1.4716i	-0.0056+0.2447i	0.2403+0.1143i
33.4	-1.3365-2.4207i	-0.5543-0.5748i	-0.4223+0.5841i	-1.8303-2.7349i	-0.2143-0.2993i	1.8593+1.8410i	0.0292+0.4068i	0.2507+0.1895i
33.5	-1.3823-3.0905i	-0.9042-0.8013i	-0.7396+0.3365i	-2.1307-3.5648i	-0.2329-0.3330i	1.7605+2.3958i	0.1846+0.5994i	0.3157+0.2854i
33.6	-1.6955-3.7189i	-1.3623-0.7950i	-1.1850+0.2536i	-2.7643-4.1949i	-0.2731-0.4060i	1.9831+2.9225i	0.3249+0.6813i	0.4283+0.3361i
33.7	-2.2730-4.1428i	-1.8740-0.4620i	-1.6736+0.4523i	-3.6755-4.4105i	-0.3568-0.4168i	2.5153+3.1482i	0.5487+0.6097i	0.5704+0.3028i
33.8	-3.1425-4.4721i	-2.3762+0.2666i	-2.1269+0.9443i	-4.8863-4.2988i	-0.4543-0.3679i	3.1283+2.9944i	0.8224+0.4249i	0.7142+0.1897i
33.9	-4.1906-4.5056i	-2.2705+1.3359i	-2.2095+1.6435i	-5.9225-3.6860i	-0.5566-0.2026i	3.3478+2.5739i	0.9912+0.2914i	0.7459+0.0130i
34.0	-4.6965-4.1382i	-1.8086+1.6584i	-2.0084+1.9456i	-6.1689-3.1016i	-0.5803-0.1359i	3.2615+2.3798i	0.9469+0.1965i	0.7004-0.0584i
34.1	-5.2520-3.5768i	-1.0795+1.8603i	-1.6762+2.1226i	-6.3214-2.3978i	-0.5219-0.0776i	3.1249+2.4208i	0.9118+0.0148i	0.6105-0.0976i
34.2	-5.7234-3.1492i	-0.5264+1.8576i	-1.4890+2.2030i	-6.5129-1.9482i	-0.4922-0.0252i	3.1101+2.5790i	0.9906-0.1451i	0.5772-0.0950i
34.3	-5.9453-2.5930i	-0.1199+1.6041i	-1.3639+2.1828i	-6.5274-1.5127i	-0.4812+0.0166i	3.3315+2.7008i	1.0065-0.2715i	0.5703-0.0716i
34.4	-5.9771-2.1625i	-0.0019+1.3290i	-1.3443+2.1732i	-6.5029-1.2142i	-0.4349+0.0574i	3.6331+2.6733i	0.9076-0.4155i	0.5980-0.0536i
34.5	-5.9984-1.8069i	0.0420+1.1339i	-1.3830+2.2480i	-6.5215-0.9352i	-0.4133+0.0983i	3.8956+2.5111i	0.7101-0.5451i	0.6312-0.0664i
34.6	-5.9972-1.4997i	0.0200+0.9645i	-1.4292+2.3753i	-6.5412-0.6812i	-0.3771+0.1083i	4.1542+2.3090i	0.6356-0.6180i	0.6771-0.0990i
34.7	-5.9403-1.2798i	-0.0301+0.8235i	-1.4445+2.5218i	-6.5135-0.5012i	-0.3579+0.1270i	4.2816+2.1309i	0.5502-0.5819i	0.7050-0.1275i
34.8	-5.9373-1.0758i	-0.1227+0.7979i	-1.4413+2.7222i	-6.5764-0.2829i	-0.3183+0.1485i	4.3710+1.7802i	0.3728-0.5197i	0.7468-0.1817i
34.9	-5.8694-0.9139i	-0.2129+0.8075i	-1.4224+2.9039i	-6.5683-0.0923i	-0.2903+0.2017i	4.3590+1.4112i	0.2903-0.5135i	0.7708-0.2313i
35.0	-5.7859-0.7531i	-0.2846+0.8376i	-1.2802+3.1172i	-6.5150+0.1204i	-0.2648+0.2227i	4.2170+1.1131i	0.2313-0.4734i	0.7710-0.2984i
35.1	-5.7278-0.5943i	-0.3196+0.8742i	-1.1282+3.3384i	-6.4763+0.3426i	-0.2001+0.2234i	4.0202+0.8644i	0.1038-0.4357i	0.7700-0.3660i
35.2	-5.7188-0.4710i	-0.3411+0.9949i	-0.8698+3.5353i	-6.4756+0.5780i	-0.1352+0.2931i	3.6921+0.6284i	0.0190-0.3699i	0.7643-0.4426i
35.3	-5.7060-0.3933i	-0.3360+1.1386i	-0.5849+3.6778i	-6.4619+0.7707i	-0.0584+0.3024i	3.2966+0.4511i	-0.0301-0.2750i	0.7435-0.5176i
35.4	-5.6851-0.2899i	-0.2942+1.2381i	-0.2219+3.7326i	-6.4089+0.9741i	0.0337+0.2195i	2.8944+0.4616i	-0.1039-0.1185i	0.6972-0.5853i
35.5	-5.6859-0.1881i	-0.1857+1.3266i	0.0631+3.6559i	-6.3281+1.1788i	0.1042+0.1689i	2.5542+0.7182i	-0.1154+0.0329i	0.6435-0.6330i
35.6	-5.6702-0.0830i	-0.0967+1.3700i	0.2864+3.6005i	-6.2276+1.3635i	0.1683+0.1100i	2.4069+0.9941i	-0.0790+0.1477i	0.5949-0.6833i
35.7	-5.6768+0.0091i	-0.0289+1.4218i	0.5217+3.5500i	-6.1522+1.5329i	0.1895+0.0410i	2.3534+1.2164i	-0.0469+0.2983i	0.5496-0.7326i
35.8	-5.6878+0.0458i	0.0660+1.5367i	0.8235+3.4724i	-6.0675+1.6764i	0.2105+0.0150i	2.1949+1.4505i	-0.0108+0.4381i	0.4865-0.7885i
35.9	-5.7104+0.1040i	0.2326+1.6484i	1.1101+3.2573i	-5.9246+1.8255i	0.2496-0.0630i	2.2413+1.7531i	0.1955+0.6151i	0.3799-0.8293i
36.0	-5.7448+0.1802i	0.3954+1.6733i	1.2940+3.0464i	-5.8132+1.9187i	0.2569-0.1370i	2.3246+1.8912i	0.3660+0.6740i	0.2984-0.8359i
36.1	-5.8021+0.2339i	0.5683+1.7063i	1.4392+2.8514i	-5.7272+1.9980i	0.2291-0.1672i	2.3816+2.0061i	0.5301+0.6842i	0.2168-0.8425i
36.2	-5.8876+0.2933i	0.8181+1.6782i	1.5344+2.4945i	-5.6027+2.0282i	0.1916-0.2185i	2.4990+2.1989i	0.7404+0.7061i	0.1093-0.7950i
36.3	-5.9580+0.4366i	1.0307+1.5629i	1.5908+2.2296i	-5.4948+2.0845i	0.1719-0.2745i	2.6283+2.3324i	0.9222+0.6463i	0.0306-0.7470i
36.4	-6.0650+0.5352i	1.2202+1.4326i	1.5796+1.9554i	-5.4538+2.0726i	0.1911-0.3237i	2.7498+2.4385i	1.0942+0.5272i	-0.0345-0.6880i
36.5	-6.1348+0.6863i	1.3146+1.2018i	1.4411+1.6974i	-5.4521+2.0416i	0.1653-0.3376i	2.9402+2.5590i	1.1823+0.3718i	-0.0551-0.5987i
36.6	-6.2427+0.7917i	1.3888+1.0507i	1.3048+1.5040i	-5.5068+2.0288i	0.1604-0.3501i	3.1596+2.6494i	1.2754+0.2323i	-0.0474-0.5350i
36.7	-6.3744+0.9477i	1.4359+0.9079i	1.1603+1.3776i	-5.6032+2.0851i	0.1519-0.3897i	3.4162+2.7215i	1.3267+0.0773i	-0.0382-0.4966i
36.8	-6.4609+1.1088i	1.4643+0.7805i	1.0332+1.2795i	-5.6780+2.1602i	0.1397-0.4385i	3.6009+2.7223i	1.3457-0.0574i	-0.0315-0.4725i
36.9	-6.5850+1.3323i	1.4956+0.6456i	0.8824+1.2309i	-5.7845+2.2989i	0.1571-0.4708i	3.8044+2.6964i	1.3536-0.1874i	-0.0210-0.4554i
37.0	-6.6493+1.5193i	1.4900+0.5297i	0.7355+1.1987i	-5.8446+2.4110i	0.1473-0.5344i	4.0584+2.6675i	1.3495-0.2965i	-0.0101-0.4452i
37.1	-6.7432+1.6946i	1.4726+0.4167i	0.5892+1.2243i	-5.9471+2.5057i	0.1032-0.5774i	4.2980+2.5218i	1.3656-0.3549i	0.0049-0.4296i

37.2	-6.8156+1.9353i	1.4398+0.2977i	0.4703+1.2707i	-6.0393+2.6671i	0.0526-0.6387i	4.4614+2.3371i	1.3444-0.4389i	0.0037-0.4104i
37.3	-6.8796+2.1551i	1.4212+0.1908i	0.4048+1.2787i	-6.1117+2.8148i	0.0560-0.7040i	4.5707+2.2441i	1.3159-0.5212i	0.0032-0.4035i
37.4	-6.9957+2.4257i	1.4152+0.0980i	0.3101+1.2983i	-6.2324+3.0289i	0.0168-0.7868i	4.6898+2.2004i	1.3070-0.5957i	0.0046-0.4075i
37.5	-7.0602+2.8194i	1.3873-0.0003i	0.2140+1.3760i	-6.3128+3.3664i	-0.0646-0.8536i	4.8422+2.0745i	1.2601-0.7145i	-0.0021-0.4070i
37.6	-7.1136+3.0581i	1.3579-0.0800i	0.1485+1.4165i	-6.3903+3.5496i	-0.1311-0.9217i	4.9875+1.9605i	1.2221-0.7533i	0.0020-0.3955i
37.7	-7.1330+3.4135i	1.3246-0.1703i	0.0482+1.5163i	-6.4326+3.8471i	-0.2389-1.0036i	5.1575+1.8171i	1.1805-0.8065i	0.0096-0.3869i
37.8	-6.9942+3.7215i	1.2522-0.2722i	0.0016+1.6025i	-6.3446+4.0781i	-0.3487-1.0225i	5.2716+1.6105i	1.1340-0.8616i	0.0136-0.3747i
37.9	-6.8949+4.1204i	1.1990-0.3745i	-0.0193+1.7385i	-6.2829+4.4162i	-0.4977-1.0440i	5.4207+1.4061i	1.0963-0.9503i	0.0144-0.3797i
38.0	-6.9090+4.5653i	1.1321-0.4669i	-0.0521+1.9613i	-6.3643+4.8138i	-0.6763-1.0928i	5.5458+1.1343i	1.0566-1.0160i	0.0353-0.4058i
38.1	-6.7911+4.8934i	1.0356-0.5409i	0.0057+2.1652i	-6.3239+5.1016i	-0.8023-1.0784i	5.6147+0.8532i	1.0148-1.0020i	0.0409-0.4184i
38.2	-6.5428+5.2949i	0.9191-0.5830i	0.1943+2.3323i	-6.1560+5.5073i	-0.9563-0.9856i	5.6007+0.5766i	0.9999-1.0225i	0.0230-0.4438i
38.3	-6.3755+5.5876i	0.8296-0.5705i	0.3916+2.4332i	-6.0501+5.8373i	-1.0741-0.8885i	5.5223+0.3624i	0.9916-1.0736i	-0.0098-0.4720i
38.4	-6.1625+5.9150i	0.7257-0.5691i	0.6068+2.4914i	-5.9083+6.1957i	-1.2157-0.7730i	5.4462+0.1547i	0.9700-1.1850i	-0.0405-0.4946i
38.5	-5.9370+6.1796i	0.6442-0.5578i	0.7797+2.4797i	-5.7331+6.4973i	-1.3163-0.6274i	5.3631+0.0021i	0.9456-1.2451i	-0.0673-0.4923i
38.6	-5.7096+6.5773i	0.5733-0.5728i	1.0107+2.4650i	-5.5501+6.9120i	-1.3931-0.5003i	5.3351-0.1780i	0.9127-1.3163i	-0.1108-0.4824i
38.7	-5.3169+6.8841i	0.5097-0.5244i	1.1977+2.3666i	-5.1845+7.3041i	-1.4023-0.3707i	5.1774-0.2907i	0.8103-1.4308i	-0.1561-0.4662i
38.8	-5.0390+7.1148i	0.4562-0.4750i	1.3781+2.2488i	-4.9348+7.6067i	-1.4184-0.2432i	5.0694-0.3945i	0.7376-1.5180i	-0.1906-0.4426i
38.9	-4.6190+7.4104i	0.4037-0.4255i	1.5968+2.0909i	-4.5177+7.9825i	-1.4525-0.0984i	4.9010-0.4359i	0.6474-1.6172i	-0.2307-0.4144i
39.0	-4.2380+7.6468i	0.4021-0.3722i	1.7006+1.9058i	-4.0954+8.2932i	-1.4492-0.0059i	4.8686-0.4133i	0.5271-1.6556i	-0.2589-0.3760i
39.1	-3.8880+7.7301i	0.4072-0.3188i	1.7542+1.6842i	-3.7014+8.4396i	-1.4331+0.0908i	4.8578-0.3742i	0.3606-1.6372i	-0.2865-0.3258i
39.2	-3.4723+7.7800i	0.4023-0.3044i	1.7776+1.4365i	-3.2332+8.5126i	-1.4203+0.2336i	4.9229-0.3980i	0.2137-1.5925i	-0.2831-0.2578i
39.3	-3.0812+7.9243i	0.4433-0.2928i	1.7850+1.1607i	-2.7618+8.6855i	-1.4004+0.3318i	5.0107-0.4092i	0.1599-1.5817i	-0.2790-0.1841i
39.4	-2.7368+8.0106i	0.4714-0.2717i	1.7444+0.9001i	-2.3609+8.8041i	-1.3779+0.4265i	5.1061-0.3678i	0.0861-1.5882i	-0.2652-0.1279i
39.5	-2.3226+8.1016i	0.5063-0.2689i	1.5725+0.6518i	-1.8654+8.9120i	-1.3397+0.5367i	5.3067-0.4018i	-0.0105-1.5888i	-0.2257-0.0873i
39.6	-1.8255+8.1737i	0.5656-0.2986i	1.3091+0.5251i	-1.2499+8.9739i	-1.2745+0.6527i	5.6109-0.6635i	-0.1172-1.5556i	-0.1826-0.0611i
39.7	-1.4457+8.1400i	0.5633-0.3607i	1.1077+0.5519i	-0.8213+8.8832i	-1.2062+0.7954i	5.7178-1.1375i	-0.1693-1.4915i	-0.1342-0.0493i
39.8	-1.0148+8.2116i	0.5490-0.3799i	1.0555+0.4617i	-0.3454+8.9620i	-1.1396+0.9114i	5.5957-1.3025i	-0.2477-1.4961i	-0.1154-0.0083i
39.9	-0.5127+8.1857i	0.5574-0.4267i	0.7994+0.3508i	0.2457+8.9012i	-1.0278+1.0113i	5.7819-1.4951i	-0.3592-1.4294i	-0.0237+0.0284i
40.0	0.0055+8.1070i	0.5614-0.4813i	0.5295+0.3105i	0.8489+8.7593i	-0.8969+1.0835i	5.8944-1.7902i	-0.4439-1.3895i	0.0539+0.0362i
40.1	0.4978+7.9177i	0.5582-0.5199i	0.3184+0.4078i	1.4195+8.5025i	-0.7843+1.1110i	5.8950-2.1559i	-0.5253-1.3374i	0.1003+0.0029i
40.2	0.8964+7.6038i	0.5158-0.5932i	0.1362+0.6376i	1.8584+8.0641i	-0.6440+1.1479i	5.8547-2.7397i	-0.5588-1.2500i	0.1740-0.0621i
40.3	1.1227+7.3566i	0.4725-0.6252i	0.0391+0.8165i	2.0850+7.7410i	-0.5461+1.1198i	5.6840-3.1016i	-0.5748-1.2073i	0.2019-0.1168i
40.4	1.4349+7.0492i	0.3986-0.6690i	0.0068+1.0616i	2.3838+7.3193i	-0.4484+1.1230i	5.3175-3.6382i	-0.5954-1.1121i	0.2031-0.1800i
40.5	1.6698+6.7872i	0.3174-0.6435i	0.1368+1.2241i	2.5648+7.0031i	-0.3383+1.1299i	4.7811-3.8960i	-0.6051-1.0745i	0.1972-0.2110i
40.6	1.9128+6.4754i	0.3468-0.6264i	0.1487+1.2366i	2.8352+6.6660i	-0.1810+1.0892i	4.5541-3.8419i	-0.6555-1.0782i	0.2322-0.2349i
40.7	2.0066+6.2570i	0.3407-0.6836i	0.1484+1.4031i	2.9379+6.3652i	-0.1139+1.0233i	4.4273-4.1141i	-0.6864-1.0063i	0.2332-0.2956i
40.8	2.1697+5.9717i	0.2714-0.7329i	0.2695+1.5746i	3.0522+5.9898i	-0.0315+0.9863i	3.9580-4.3877i	-0.7085-0.9356i	0.2087-0.3426i
40.9	2.2955+5.7036i	0.2372-0.7676i	0.3140+1.6208i	3.1592+5.6542i	0.0050+0.9442i	3.6566-4.4284i	-0.7664-0.8851i	0.2000-0.3531i
41.0	2.4489+5.4852i	0.1744-0.8177i	0.3468+1.6767i	3.2767+5.3578i	0.0230+0.8792i	3.3540-4.5472i	-0.8017-0.7903i	0.2063-0.3859i
41.1	2.5603+5.2051i	0.0784-0.8109i	0.4659+1.8307i	3.3202+5.0136i	0.0794+0.8478i	2.9433-4.6757i	-0.7829-0.7139i	0.1540-0.4335i
41.2	2.6116+5.0197i	0.0044-0.8528i	0.6851+1.8968i	3.2865+4.7564i	0.1512+0.7967i	2.4000-4.7725i	-0.7801-0.6617i	0.1158-0.4194i
41.3	2.7323+4.7852i	-0.1733-0.8798i	0.8764+1.8183i	3.2797+4.4858i	0.1702+0.7170i	1.8690-4.4746i	-0.7710-0.6230i	0.1682-0.3709i
41.4	2.7039+4.4750i	-0.2650-0.7005i	0.8585+1.7292i	3.1967+4.2377i	0.0928+0.7360i	2.0052-4.2217i	-0.7617-0.5688i	0.2337-0.4746i
41.5	2.6800+4.3637i	-0.2932-0.6298i	0.9174+1.8208i	3.1258+4.0956i	0.1233+0.7863i	1.7957-4.5509i	-0.7750-0.4624i	0.1979-0.5811i
41.6	2.7629+4.0649i	-0.2752-0.4872i	1.1670+1.7848i	3.1119+3.8498i	0.2453+0.7721i	1.1072-4.1961i	-0.6656-0.3966i	0.0920-0.6105i
41.7	2.6660+3.8396i	-0.1949-0.4864i	1.2925+1.6888i	3.0222+3.6554i	0.3200+0.6660i	1.1180-3.9660i	-0.6673-0.4464i	0.0664-0.6088i
41.8	2.5606+3.7468i	-0.2313-0.5756i	1.3358+1.6370i	2.8869+3.5274i	0.3040+0.5533i	0.9213-4.0913i	-0.6959-0.4230i	0.0524-0.6479i
41.9	2.6437+3.6885i	-0.3476-0.5228i	1.4919+1.5403i	2.8674+3.4838i	0.3477+0.5569i	0.3570-3.9946i	-0.6860-0.2949i	-0.0035-0.7028i
42.0	2.7376+3.5931i	-0.3827-0.4873i	1.6094+1.4721i	2.9207+3.4335i	0.3634+0.4843i	0.0458-3.6329i	-0.6735-0.2595i	-0.0705-0.7024i
42.1	2.7266+3.3456i	-0.4069-0.4205i	1.6239+1.3354i	2.9119+3.2475i	0.3246+0.4022i	0.1176-3.1635i	-0.6129-0.2921i	-0.0864-0.6790i
42.2	2.6433+3.1775i	-0.4338-0.2992i	1.6466+1.1354i	2.8022+3.1374i	0.3103+0.3781i	0.0451-2.9726i	-0.5859-0.2527i	-0.1287-0.7239i
42.3	2.6493+3.0464i	-0.4034-0.2217i	1.6817+1.0184i	2.8224+3.0511i	0.3063+0.3427i	0.0110-2.7095i	-0.5646-0.2064i	-0.1878-0.7498i
42.4	2.5937+2.9433i	-0.3697-0.2098i	1.6783+0.9484i	2.7949+2.9482i	0.2786+0.3603i	0.0684-2.6838i	-0.5530-0.1788i	-0.2520-0.7683i
42.5	2.5906+2.8777i	-0.3677-0.1730i	1.6425+0.8371i	2.7855+2.8940i	0.2751+0.3447i	-0.1069-2.5887i	-0.5369-0.1559i	-0.3572-0.7626i
42.6	2.6271+2.7669i	-0.3677-0.1145i	1.6260+0.7352i	2.8061+2.8160i	0.2894+0.3346i	-0.2313-2.3505i	-0.4775-0.1698i	-0.4384-0.7125i
42.7	2.5450+2.6983i	-0.3338-0.0369i	1.5675+0.6074i	2.7334+2.7860i	0.2759+0.3306i	-0.2043-2.1442i	-0.4286-0.1337i	-0.4777-0.7054i
42.8	2.5487+2.6095i	-0.2270+0.0152i	1.5492+0.5503i	2.7749+2.7049i	0.3509+0.3442i	-0.1643-2.0091i	-0.3602-0.0767i	-0.5920-0.6866i
42.9	2.4850+2.5065i	-0.1615-0.0643i	1.5308+0.4936i	2.7438+2.5858i	0.3733+0.2679i	-0.1249-1.9106i	-0.3510-0.1592i	-0.6068-0.5293i
43.0	2.4812+2.4693i	-0.1797-0.1081i	1.4371+0.3802i	2.7392+2.5357i	0.3521+0.2158i	-0.1605-1.7917i	-0.3341-0.1809i	-0.6033-0.4647i
43.1	2.5219+2.4002i	-0.2150-0.0917i	1.3393+0.3043i	2.7614+2.4650i	0.3156+0.2031i	-0.2149-1.6728i	-0.3164-0.1657i	-0.6235-0.4476i
43.2	2.5590+2.3603i	-0.1982-0.0301i	1.2551+0.2469i	2.7905+2.4469i	0.3517+0.2207i	-0.2937-1.5767i	-0.2772-0.1105i	-0.6844-0.4253i
43.3	2.5852+2.2442i	-0.1480-0.0761i	1.1861+0.2496i	2.8255+2.3310i	0.3956+0.1462i	-0.3358-1.2985i	-0.2185-0.1604i	-0.7177-0.2719i
43.4	2.5660+2.1397i	-0.1750-0.0917i	1.1383+0.2537i	2.8143+2.2298i	0.3317+0.1084i	-0.1393-1.1191i	-0.2149-0.2045i	-0.6361-0.2150i

43.5	2.5520+2.0717i	-0.1836-0.0700i	1.1184+0.2338i	2.8063+2.1590i	0.3010+0.1192i	0.0248-1.1592i	-0.2312-0.2061i	-0.6111-0.2289i
43.6	2.5136+1.9968i	-0.1998-0.0702i	1.1362+0.2090i	2.7616+2.0590i	0.2966+0.1390i	0.0482-1.2658i	-0.2727-0.2218i	-0.5890-0.2013i
43.7	2.4857+1.9007i	-0.1812-0.0259i	1.0990+0.1933i	2.7373+1.9945i	0.3225+0.1121i	-0.0543-1.1553i	-0.3178-0.2618i	-0.5853-0.1010i
43.8	2.4879+1.8466i	-0.1354-0.0275i	0.9566+0.1311i	2.7779+1.9405i	0.2787+0.0747i	0.0178-0.9933i	-0.3319-0.2484i	-0.5507-0.1171i
43.9	2.5100+1.8038i	-0.1109-0.0574i	0.8714+0.1444i	2.8163+1.8585i	0.2793+0.0678i	0.0522-0.9786i	-0.3326-0.1752i	-0.5419-0.1288i
44.0	2.5270+1.7210i	-0.1297-0.1082i	0.8445+0.2225i	2.8236+1.7376i	0.2860+0.0511i	0.0818-0.9995i	-0.3201-0.1693i	-0.5548-0.1028i
44.1	2.5425+1.5850i	-0.2083-0.0958i	0.9226+0.2587i	2.7951+1.6028i	0.2379+0.0242i	-0.0243-0.8982i	-0.3198-0.1811i	-0.4828-0.0211i
44.2	2.4424+1.5279i	-0.1946-0.0455i	0.9097+0.1687i	2.7064+1.5608i	0.1929+0.0647i	0.1313-0.7899i	-0.3430-0.1430i	-0.4014-0.1600i
44.3	2.4431+1.4600i	-0.1918-0.0257i	0.8170+0.1955i	2.6987+1.4928i	0.2240+0.0657i	0.1124-0.8164i	-0.3007-0.1568i	-0.5233-0.1298i
44.4	2.4572+1.4049i	-0.1767+0.0123i	0.7688+0.2099i	2.7041+1.4586i	0.2435+0.0769i	-0.0244-0.7083i	-0.2437-0.1511i	-0.5762-0.0373i
44.5	2.4245+1.3200i	-0.1581+0.0232i	0.7683+0.2368i	2.6790+1.3816i	0.2358+0.0084i	0.0333-0.5292i	-0.2314-0.1714i	-0.5316+0.0330i
44.6	2.3756+1.2337i	-0.1555+0.0339i	0.8078+0.2057i	2.6301+1.2937i	0.2219-0.0343i	0.1013-0.5018i	-0.2664-0.1774i	-0.4823+0.0289i
44.7	2.3374+1.1675i	-0.1385+0.0598i	0.7813+0.1659i	2.6007+1.2343i	0.1982-0.0381i	0.0869-0.3373i	-0.2823-0.1447i	-0.4087+0.0423i
44.8	2.3226+1.1082i	-0.0796+0.0762i	0.7445+0.1369i	2.6205+1.1765i	0.1799-0.0152i	0.2849-0.1135i	-0.2521-0.1306i	-0.3522-0.0479i
44.9	2.2485+1.0671i	-0.0647+0.0194i	0.6825+0.1092i	2.5557+1.0941i	0.1946-0.0135i	0.5836-0.2190i	-0.2462-0.1265i	-0.4421-0.1345i
45.0	2.2247+1.0270i	-0.0565+0.0027i	0.6045+0.1562i	2.5310+1.0317i	0.1973+0.0045i	0.7020-0.3471i	-0.2127-0.1192i	-0.5284-0.1082i
45.1	2.1933+0.9601i	-0.0549-0.0183i	0.5814+0.2652i	2.4792+0.9469i	0.2199-0.0055i	0.7032-0.5790i	-0.1788-0.1593i	-0.5961+0.0540i
45.2	2.2021+0.9367i	-0.0771-0.0011i	0.5933+0.2847i	2.4591+0.9369i	0.2055-0.0701i	0.5265-0.6458i	-0.1710-0.2084i	-0.5686+0.1773i
45.3	2.1979+0.8791i	-0.0908+0.0154i	0.6125+0.2874i	2.4379+0.9008i	0.2104-0.1289i	0.3908-0.5852i	-0.1567-0.2015i	-0.4690+0.2817i
45.4	2.1432+0.8185i	-0.0788+0.0140i	0.6520+0.2626i	2.3964+0.8418i	0.1828-0.1065i	0.3764-0.4694i	-0.2100-0.2061i	-0.3814+0.2139i
45.5	2.1211+0.7947i	-0.0666+0.0148i	0.6385+0.2415i	2.3813+0.8256i	0.1796-0.0989i	0.3489-0.3622i	-0.2177-0.2010i	-0.3647+0.2123i
45.6	2.0826+0.7507i	-0.0896+0.0229i	0.6379+0.2191i	2.3408+0.7783i	0.1285-0.1195i	0.4672-0.2863i	-0.1806-0.2190i	-0.3839+0.1937i
45.7	2.0752+0.7170i	-0.0849+0.0581i	0.6016+0.1992i	2.3360+0.7548i	0.1240-0.1412i	0.5166-0.3195i	-0.1458-0.2376i	-0.3939+0.2366i
45.8	2.0476+0.6813i	-0.0611+0.0643i	0.5657+0.2194i	2.3150+0.7121i	0.1140-0.1219i	0.5803-0.2826i	-0.1120-0.1973i	-0.3547+0.2684i
45.9	2.0089+0.6218i	-0.0465+0.0974i	0.5313+0.2461i	2.2747+0.6681i	0.1227-0.0914i	0.6346-0.3596i	-0.0961-0.2615i	-0.3338+0.3204i
46.0	1.9748+0.6059i	0.0073+0.0993i	0.5907+0.2757i	2.2666+0.6500i	0.1677-0.0671i	0.6281-0.4401i	-0.1389-0.3106i	-0.2928+0.3715i
46.1	1.9285+0.5941i	0.0752+0.0254i	0.6608+0.2341i	2.2707+0.6062i	0.1321-0.1206i	0.4916-0.4072i	-0.2570-0.2954i	-0.1356+0.3585i
46.2	1.8828+0.6018i	0.0379-0.0478i	0.6223+0.1799i	2.2136+0.5638i	0.0966-0.1793i	0.4465-0.3840i	-0.2867-0.2486i	-0.0859+0.3403i
46.3	1.8940+0.6030i	0.0029-0.0526i	0.5777+0.1149i	2.2125+0.5453i	0.0701-0.2017i	0.4330-0.3004i	-0.2635-0.1951i	-0.0795+0.3185i
46.4	1.9447+0.5708i	0.0124-0.0305i	0.4771+0.1528i	2.2588+0.5220i	0.0289-0.1889i	0.3970-0.2370i	-0.2113-0.2205i	0.0095+0.3237i
46.5	1.9669+0.4955i	-0.0096-0.0325i	0.4879+0.2581i	2.2674+0.4407i	-0.0243-0.1664i	0.3709-0.2112i	-0.2066-0.2718i	0.0950+0.2948i
46.6	1.9397+0.4177i	-0.0210-0.0173i	0.6133+0.2698i	2.2411+0.3599i	-0.0420-0.1585i	0.3246-0.0637i	-0.2247-0.2896i	0.1931+0.2139i
46.7	1.8736+0.3898i	-0.0155-0.0480i	0.6026+0.1732i	2.1765+0.2953i	-0.0225-0.1216i	0.4503+0.0534i	-0.2509-0.2558i	0.1487+0.0836i
46.8	1.8285+0.3560i	-0.0428-0.0568i	0.5835+0.1685i	2.1003+0.2434i	-0.0316-0.1059i	0.5266+0.0743i	-0.2514-0.2705i	0.1433+0.0094i
46.9	1.7921+0.3363i	-0.0416-0.0256i	0.6172+0.0912i	2.0532+0.2308i	-0.0280-0.0898i	0.5461+0.0864i	-0.3035-0.2633i	0.1290-0.0408i
47.0	1.7688+0.3396i	-0.0230-0.0504i	0.5762+0.0305i	2.0341+0.2142i	-0.0117-0.0916i	0.6293+0.1537i	-0.3087-0.2171i	0.0957-0.0886i
47.1	1.7671+0.3303i	-0.0645-0.0695i	0.5223+0.0059i	2.0082+0.1922i	-0.0489-0.0962i	0.6498+0.1747i	-0.2729-0.1821i	0.0788-0.1295i
47.2	1.7730+0.2938i	-0.0699-0.0190i	0.4277-0.0095i	1.9978+0.1733i	-0.0727-0.0849i	0.6953+0.2503i	-0.2563-0.2041i	0.0606-0.1655i
47.3	1.7664+0.2511i	-0.0412-0.0060i	0.3400-0.0067i	1.9912+0.1237i	-0.0553-0.0517i	0.8275+0.3202i	-0.2517-0.2397i	-0.0078-0.2198i
47.4	1.7101+0.2023i	-0.0462-0.0176i	0.2994+0.0686i	1.9108+0.0681i	-0.0404-0.0383i	0.9889+0.2814i	-0.2674-0.2496i	-0.0684-0.2267i
47.5	1.6537+0.1678i	-0.0535-0.0275i	0.3360+0.1099i	1.8469+0.0289i	-0.0076-0.0342i	1.1022+0.2208i	-0.3119-0.2399i	-0.1293-0.2226i
47.6	1.6218+0.1655i	-0.0443-0.0320i	0.3415+0.0669i	1.8068+0.0201i	0.0286-0.0657i	1.0941+0.1967i	-0.3199-0.1859i	-0.1375-0.2009i
47.7	1.5971+0.1715i	-0.0583-0.0398i	0.2188+0.0762i	1.7589+0.0215i	0.0171-0.0948i	1.2050+0.1600i	-0.2753-0.1619i	-0.1920-0.1779i
47.8	1.5918+0.1316i	-0.0633-0.0200i	0.2391+0.1868i	1.7316-0.0039i	0.0123-0.0924i	1.1242-0.0428i	-0.2638-0.1911i	-0.1679-0.0967i
47.9	1.5403+0.0899i	-0.0590-0.0062i	0.3924+0.1695i	1.6922-0.0325i	-0.0051-0.1067i	0.9529-0.0085i	-0.3111-0.1549i	-0.1184-0.0980i
48.0	1.4976+0.1121i	-0.0468-0.0077i	0.3811+0.0641i	1.6555-0.0176i	-0.0336-0.1297i	1.0007+0.1517i	-0.3307-0.1410i	-0.1538-0.1472i
48.1	1.5036+0.1109i	-0.0307-0.0195i	0.2632+0.0206i	1.6506-0.0301i	-0.0095-0.1093i	1.0989+0.2753i	-0.3384-0.1194i	-0.1962-0.1692i
48.2	1.4879+0.0846i	-0.0331-0.0389i	0.2024+0.0958i	1.6210-0.0549i	-0.0140-0.0901i	1.2479+0.2623i	-0.3021-0.1208i	-0.2244-0.1750i
48.3	1.4712+0.0536i	-0.0744-0.0671i	0.1761+0.1064i	1.5788-0.0965i	-0.0481-0.0929i	1.3338+0.2331i	-0.3137-0.0961i	-0.2621-0.1782i
48.4	1.4370+0.0573i	-0.0892-0.0393i	0.1895+0.1822i	1.5402-0.0702i	-0.0408-0.1002i	1.3947+0.1055i	-0.2888-0.0688i	-0.2742-0.1237i
48.5	1.4220+0.0529i	-0.0936-0.0241i	0.2327+0.1744i	1.5189-0.0667i	-0.0452-0.0988i	1.2643+0.0871i	-0.2564-0.0900i	-0.2253-0.1234i
48.6	1.4135+0.0450i	-0.0909-0.0006i	0.2172+0.0887i	1.5055-0.0804i	-0.0722-0.1013i	1.3069+0.2951i	-0.2311-0.0938i	-0.2379-0.1732i
48.7	1.3751+0.0303i	-0.0965+0.0066i	0.1089+0.1147i	1.4532-0.0751i	-0.0651-0.1119i	1.6172+0.1415i	-0.1802-0.1177i	-0.3169-0.1382i
48.8	1.3579+0.0377i	-0.0956+0.0476i	0.1223+0.2488i	1.4423-0.0359i	-0.0762-0.0945i	1.4566-0.2252i	-0.1909-0.1519i	-0.2928-0.0091i
48.9	1.3435+0.0503i	-0.0432+0.0665i	0.2226+0.2001i	1.4550-0.0239i	-0.0775-0.0550i	1.2313-0.0704i	-0.2121-0.1471i	-0.2018-0.0343i
49.0	1.3431+0.0540i	-0.0047+0.0272i	0.2039+0.0969i	1.4661-0.0492i	-0.0742-0.0746i	1.2978+0.1188i	-0.2242-0.1376i	-0.2052-0.0977i
49.1	1.3498+0.0400i	-0.0226-0.0251i	0.1290+0.0986i	1.4609-0.0847i	-0.0725-0.0922i	1.4373+0.1890i	-0.2183-0.1342i	-0.2448-0.1146i
49.2	1.3221+0.0365i	-0.0391-0.0294i	0.0792+0.1019i	1.4190-0.0914i	-0.0776-0.0971i	1.5653+0.2112i	-0.1865-0.1281i	-0.2665-0.1229i
49.3	1.3286+0.0395i	-0.0578-0.0235i	0.0610+0.1510i	1.4209-0.0876i	-0.0807-0.1025i	1.6444+0.1038i	-0.1831-0.1627i	-0.2788-0.1006i
49.4	1.3246+0.0256i	-0.0708+0.0027i	0.0330+0.1473i	1.3977-0.0886i	-0.0787-0.0918i	1.6531+0.0709i	-0.1897-0.1673i	-0.2795-0.0890i
49.5	1.3346+0.0187i	-0.0479+0.0055i	-0.0293+0.1566i	1.4104-0.0916i	-0.0884-0.1016i	1.6759+0.1096i	-0.1855-0.1770i	-0.2827-0.0988i
49.6	1.3396+0.0102i	-0.0487-0.0209i	-0.0698+0.2425i	1.4081-0.1069i	-0.1272-0.1018i	1.7596+0.1057i	-0.1632-0.1970i	-0.2954-0.1017i
49.7	1.3235-0.0061i	-0.0790-0.0086i	-0.0322+0.2612i	1.3726-0.1197i	-0.1344-0.1017i	1.8574+0.0372i	-0.1776-0.1944i	-0.2935-0.0604i

49.8	1.3051-0.0076i	-0.0948+0.0145i	-0.0301+0.2271i	1.3399-0.1192i	-0.1083-0.0988i	1.8902-0.0602i	-0.1879-0.2214i	-0.2918-0.0795i
49.9	1.2826-0.0059i	-0.0836+0.0318i	-0.0523+0.2269i	1.3138-0.1118i	-0.0990-0.0723i	1.8619-0.1145i	-0.1976-0.2368i	-0.2989-0.1013i
50.0	1.2925-0.0012i	-0.0691+0.0249i	-0.0553+0.2151i	1.3270-0.1199i	-0.1275-0.0539i	1.8641-0.0678i	-0.2197-0.2460i	-0.3006-0.1202i
50.1	1.3245-0.0112i	-0.0722+0.0238i	-0.1018+0.2110i	1.3517-0.1352i	-0.1477-0.0486i	1.9316-0.0239i	-0.2285-0.2243i	-0.3211-0.1230i
50.2	1.3248-0.0428i	-0.0723+0.0434i	-0.2131+0.2440i	1.3423-0.1544i	-0.1427-0.0577i	2.0785+0.0073i	-0.2399-0.2131i	-0.3840-0.1102i
50.3	1.3054-0.0578i	-0.0601+0.0530i	-0.2616+0.3156i	1.3191-0.1699i	-0.1061-0.0208i	2.1934-0.0873i	-0.2378-0.2076i	-0.4190-0.0697i
50.4	1.2788-0.0824i	-0.0387+0.0293i	-0.1666+0.4207i	1.3006-0.2003i	-0.1066-0.0256i	2.2431-0.2493i	-0.2431-0.2456i	-0.3881-0.0416i
50.5	1.2876-0.0994i	-0.0477+0.0198i	-0.1379+0.4480i	1.2998-0.2179i	-0.1094-0.0540i	2.2376-0.3250i	-0.2548-0.2412i	-0.3676-0.0403i
50.6	1.3094-0.1031i	-0.0487+0.0256i	-0.1356+0.4173i	1.3162-0.2286i	-0.1158-0.0328i	2.2160-0.3539i	-0.2950-0.2365i	-0.3693-0.0543i
50.7	1.3091-0.1388i	-0.0408+0.0206i	-0.1613+0.4439i	1.3085-0.2629i	-0.1041-0.0128i	2.2246-0.3793i	-0.3191-0.2465i	-0.3968-0.0510i
50.8	1.2826-0.1724i	-0.0355+0.0158i	-0.1783+0.5302i	1.2710-0.2911i	-0.0925-0.0015i	2.2222-0.3159i	-0.2982-0.2460i	-0.4032-0.0619i
50.9	1.2456-0.1728i	-0.0555+0.0140i	-0.1732+0.4931i	1.2166-0.2915i	-0.0991+0.0151i	2.5315-0.2876i	-0.2943-0.2127i	-0.4803-0.0779i
51.0	1.2473-0.1837i	-0.0624+0.0199i	-0.1806+0.5270i	1.2117-0.3026i	-0.0827-0.0242i	2.6344-0.6127i	-0.3111-0.2237i	-0.5076-0.0148i
51.1	1.2529-0.1968i	-0.0594+0.0246i	-0.1971+0.5590i	1.2059-0.3172i	-0.0902-0.0513i	2.6090-0.7692i	-0.3379-0.2100i	-0.5175+0.0377i
51.2	1.2370-0.2296i	-0.0658+0.0252i	-0.1924+0.6081i	1.1740-0.3609i	-0.1056-0.0399i	2.5492-0.9160i	-0.3484-0.1831i	-0.5128+0.0846i
51.3	1.2204-0.2391i	-0.0625+0.0375i	-0.1739+0.6655i	1.1450-0.3542i	-0.1278-0.0315i	2.5051-1.0236i	-0.3296-0.2145i	-0.4833+0.0873i
51.4	1.1959-0.2451i	-0.0547+0.0394i	-0.1264+0.6910i	1.1114-0.3638i	-0.1312+0.0100i	2.4928-1.1249i	-0.4022-0.1942i	-0.5077+0.1259i
51.5	1.1945-0.2489i	-0.0502+0.0402i	-0.1111+0.6945i	1.0901-0.3642i	-0.1067-0.0076i	2.4471-1.1633i	-0.4190-0.1768i	-0.5199+0.1435i
51.6	1.2004-0.2374i	-0.0457+0.0432i	-0.1167+0.7347i	1.0794-0.3438i	-0.1183-0.0260i	2.4037-1.2640i	-0.3933-0.2006i	-0.4980+0.1412i
51.7	1.2135-0.2390i	-0.0371+0.0371i	-0.1142+0.7765i	1.0808-0.3344i	-0.1085-0.0298i	2.3242-1.2989i	-0.3937-0.1824i	-0.5000+0.1608i
51.8	1.2096-0.2500i	-0.0346+0.0381i	-0.1017+0.8103i	1.0658-0.3340i	-0.0965-0.0054i	2.2161-1.3385i	-0.4147-0.1573i	-0.4962+0.1881i
51.9	1.2168-0.2652i	-0.0224+0.0307i	-0.0173+0.8809i	1.0614-0.3435i	-0.0904+0.0066i	2.0990-1.2868i	-0.3891-0.1588i	-0.4466+0.1547i
52.0	1.2113-0.2451i	-0.0367+0.0102i	0.0516+0.7978i	1.0404-0.3085i	-0.0863+0.0095i	2.2154-1.1443i	-0.3993-0.1627i	-0.5270+0.0902i
52.1	1.2249-0.2537i	-0.0532+0.0230i	-0.0382+0.7868i	1.0345-0.3053i	-0.0868+0.0056i	2.4157-1.2730i	-0.3871-0.1259i	-0.5944+0.1583i
52.2	1.2406-0.2834i	-0.0496+0.0250i	-0.0330+0.8942i	1.0457-0.3249i	-0.0972+0.0127i	2.3728-1.4634i	-0.3648-0.1272i	-0.5502+0.2284i
52.3	1.2413-0.2863i	-0.0431+0.0108i	0.0694+0.8707i	1.0526-0.3201i	-0.1103+0.0003i	2.2402-1.4709i	-0.4021-0.0877i	-0.5372+0.2558i
52.4	1.2569-0.2997i	-0.0562+0.0337i	0.1134+0.9264i	1.0471-0.3011i	-0.1127+0.0051i	2.1502-1.5220i	-0.4085-0.1467i	-0.5423+0.2548i
52.5	1.2508-0.3392i	-0.0430+0.0654i	0.1488+0.8930i	1.0229-0.3002i	-0.0998-0.0027i	2.1983-1.4304i	-0.4099-0.1606i	-0.5868+0.2566i
52.6	1.2637-0.3662i	-0.0281+0.0483i	0.1232+0.8658i	1.0422-0.3152i	-0.0743-0.0094i	2.3637-1.4959i	-0.4288-0.1590i	-0.6363+0.3275i
52.7	1.3018-0.4018i	-0.0241+0.0266i	0.1515+0.9535i	1.0893-0.3476i	-0.0985-0.0143i	2.3410-1.6522i	-0.4634-0.1554i	-0.5949+0.4050i
52.8	1.3147-0.4321i	-0.0362+0.0128i	0.2396+1.0071i	1.0949-0.3731i	-0.0861+0.0002i	2.2550-1.6832i	-0.4442-0.1341i	-0.5195+0.4096i
52.9	1.2966-0.4503i	-0.0539+0.0269i	0.3167+0.9289i	1.0521-0.3632i	-0.0520-0.0080i	2.3383-1.6530i	-0.4430-0.1406i	-0.5343+0.3886i
53.0	1.3035-0.4667i	-0.0470+0.0371i	0.3182+0.8337i	1.0619-0.3474i	-0.0718-0.0271i	2.4323-1.7144i	-0.4654-0.1223i	-0.5473+0.4169i
53.1	1.3416-0.5133i	-0.0436+0.0503i	0.3116+0.8194i	1.1066-0.3569i	-0.1269-0.0529i	2.4976-1.8806i	-0.5446-0.0976i	-0.6083+0.4773i
53.2	1.3666-0.5606i	-0.0529+0.0640i	0.2283+0.8309i	1.1294-0.3817i	-0.1193-0.0741i	2.6934-2.0531i	-0.5480-0.0805i	-0.6555+0.5507i
53.3	1.3640-0.6050i	-0.0398+0.0818i	0.1899+0.8785i	1.1295-0.4066i	-0.1085-0.0786i	2.8521-2.3035i	-0.5337-0.0670i	-0.6501+0.6463i
53.4	1.3647-0.6507i	-0.0071+0.0769i	0.2092+0.9137i	1.1489-0.4412i	-0.1373-0.0701i	2.7675-2.7097i	-0.5239-0.0039i	-0.5598+0.7515i
53.5	1.3355-0.7095i	0.0103+0.0579i	0.3559+0.9021i	1.1475-0.4826i	-0.1814-0.0508i	2.3546-2.8696i	-0.5610+0.0550i	-0.4429+0.8033i
53.6	1.3556-0.7588i	0.0028+0.0473i	0.3454+0.8382i	1.1621-0.5095i	-0.1947-0.0496i	2.2878-2.8487i	-0.5536+0.0427i	-0.4285+0.7711i
53.7	1.3907-0.8417i	-0.0039+0.0482i	0.3013+0.9420i	1.1928-0.5703i	-0.1768-0.0552i	2.2527-3.1214i	-0.5424+0.0265i	-0.3786+0.8303i
53.8	1.3877-0.9167i	0.0096+0.0465i	0.3643+0.9393i	1.2079-0.6295i	-0.1653-0.0448i	2.1017-3.2038i	-0.5433+0.0813i	-0.3215+0.8560i
53.9	1.3632-0.9834i	0.0339+0.0276i	0.3810+0.9912i	1.1957-0.6836i	-0.1858-0.0095i	1.9567-3.3879i	-0.5495+0.1098i	-0.2629+0.9309i
54.0	1.2957-1.0620i	0.0214-0.0163i	0.4776+1.0616i	1.1421-0.7588i	-0.2222+0.0301i	1.6858-3.6061i	-0.5090+0.1631i	-0.1133+0.9446i
54.1	1.2620-1.1665i	-0.0047-0.0158i	0.6552+1.0570i	1.0912-0.8305i	-0.2160+0.0640i	1.2357-3.8285i	-0.4372+0.2004i	0.0842+0.9315i
54.2	1.2246-1.2462i	-0.0080-0.0150i	0.7033+0.9271i	1.0678-0.8577i	-0.2089+0.0614i	1.0342-3.6587i	-0.4321+0.1762i	0.0947+0.8424i
54.3	1.1289-1.3141i	-0.0168-0.0217i	0.6809+0.8881i	1.0273-0.9031i	-0.2072+0.0786i	0.9496-3.7355i	-0.4400+0.2210i	0.1119+0.8481i
54.4	1.0330-1.3573i	-0.0252-0.0191i	0.7358+0.8579i	0.9569-0.9380i	-0.1767+0.0795i	0.6370-3.7614i	-0.4238+0.2625i	0.2053+0.8315i
54.5	0.9404-1.4025i	-0.0336-0.0194i	0.8154+0.8222i	0.8945-0.9587i	-0.1609+0.0592i	0.2909-3.6515i	-0.3959+0.2761i	0.2787+0.7638i
54.6	0.8313-1.4309i	-0.0408-0.0147i	0.8840+0.7565i	0.8334-0.9621i	-0.1291+0.0922i	-0.0004-3.4525i	-0.3903+0.2437i	0.3120+0.6721i
54.7	0.7307-1.4637i	-0.0425-0.0284i	0.8814+0.6257i	0.8039-0.9731i	-0.1484+0.0985i	0.0014-3.1350i	-0.4100+0.2422i	0.2583+0.5591i
54.8	0.6678-1.4618i	-0.0640-0.0204i	0.8520+0.6028i	0.7830-0.9688i	-0.1360+0.0848i	0.0374-3.1271i	-0.3855+0.2493i	0.2428+0.5483i
54.9	0.6087-1.4421i	-0.0761+0.0027i	0.8718+0.6051i	0.7506-0.9701i	-0.0781+0.1070i	-0.1267-3.1853i	-0.3516+0.2719i	0.2976+0.5846i
55.0	0.4806-1.4468i	-0.0805+0.0136i	0.8736+0.5234i	0.6814-0.9904i	-0.0567+0.1291i	-0.2960-3.0135i	-0.3102+0.2505i	0.3015+0.5190i
55.1	0.3972-1.4493i	-0.0767+0.0243i	0.8619+0.4517i	0.6464-0.9962i	-0.0722+0.0904i	-0.3435-2.8136i	-0.2944+0.1982i	0.2697+0.4340i
55.2	0.3385-1.4175i	-0.0689+0.0429i	0.8477+0.4016i	0.6242-1.0025i	-0.0667+0.0598i	-0.4066-2.7405i	-0.2981+0.1808i	0.2315+0.4251i
55.3	0.2700-1.3421i	-0.0605+0.0451i	0.8202+0.3537i	0.5863-0.9984i	-0.0425+0.0569i	-0.4252-2.7159i	-0.2648+0.2514i	0.2749+0.4698i
55.4	0.2180-1.3370i	-0.0483+0.0389i	0.8217+0.3069i	0.5707-1.0217i	-0.0638+0.0556i	-0.4473-2.6387i	-0.2756+0.2737i	0.2880+0.4603i
55.5	0.1487-1.3177i	-0.0462+0.0373i	0.7657+0.2377i	0.5300-1.0612i	-0.0913+0.0451i	-0.5232-2.5933i	-0.2270+0.2678i	0.2993+0.4357i
55.6	0.0900-1.3023i	-0.0536+0.0466i	0.7451+0.2335i	0.4625-1.0819i	-0.0823+0.0433i	-0.6246-2.5563i	-0.2140+0.2510i	0.2970+0.4252i
55.7	0.0559-1.2687i	-0.0459+0.0534i	0.7377+0.2143i	0.4214-1.0837i	-0.0793+0.0313i	-0.6877-2.4474i	-0.2280+0.2636i	0.3083+0.4335i
55.8	0.0284-1.2278i	-0.0335+0.0435i	0.6749+0.1893i	0.3693-1.0771i	-0.1000+0.0371i	-0.7510-2.3136i	-0.2149+0.2193i	0.3022+0.3767i
55.9	-0.0102-1.1939i	-0.0303+0.0308i	0.6562+0.1577i	0.3276-1.0671i	-0.1244+0.0288i	-0.7402-2.1914i	-0.2425+0.2378i	0.2785+0.3751i
56.0	-0.0676-1.1470i	-0.0320+0.0207i	0.5976+0.1200i	0.2612-1.0570i	-0.1161+0.0254i	-0.6906-2.0697i	-0.2069+0.2761i	0.3062+0.3886i

56.1	-0.1184-1.0824i	-0.0389+0.0362i	0.5357+0.1107i	0.1857-1.0299i	-0.1198-0.0173i	-0.7187-2.0317i	-0.1789+0.2747i	0.3319+0.3783i
56.2	-0.1619-1.0382i	-0.0251+0.0404i	0.4892+0.0993i	0.1171-0.9965i	-0.1320+0.0016i	-0.7769-1.9783i	-0.1488+0.2613i	0.3353+0.3478i
56.3	-0.1753-1.0073i	-0.0212+0.0362i	0.4729+0.1146i	0.0794-0.9558i	-0.1478+0.0484i	-0.7365-1.8757i	-0.1526+0.2161i	0.3305+0.3127i
56.4	-0.1865-0.9588i	-0.0216+0.0413i	0.4614+0.1415i	0.0541-0.9174i	-0.1536+0.0368i	-0.7104-1.7717i	-0.1766+0.1898i	0.3101+0.2809i
56.5	-0.2113-0.9216i	-0.0149+0.0324i	0.4423+0.1582i	0.0284-0.8878i	-0.1709+0.0491i	-0.6990-1.7318i	-0.1734+0.2279i	0.3427+0.2838i
56.6	-0.2297-0.8669i	-0.0248+0.0203i	0.4043+0.1500i	-0.0064-0.8588i	-0.1369+0.0854i	-0.6849-1.7048i	-0.1363+0.2788i	0.3627+0.2958i
56.7	-0.2232-0.8163i	-0.0311+0.0190i	0.3692+0.1625i	-0.0248-0.8050i	-0.1317+0.0538i	-0.6754-1.6541i	-0.1052+0.2225i	0.3439+0.2683i
56.8	-0.2365-0.7836i	-0.0278+0.0158i	0.3582+0.1569i	-0.0397-0.7836i	-0.1158+0.0512i	-0.6813-1.5913i	-0.0673+0.1985i	0.3659+0.2275i
56.9	-0.2396-0.7502i	-0.0312+0.0195i	0.3386+0.1870i	-0.0601-0.7559i	-0.1002+0.0741i	-0.7078-1.5564i	-0.0524+0.1696i	0.3759+0.2083i
57.0	-0.2367-0.7259i	-0.0293+0.0061i	0.2879+0.1918i	-0.0794-0.7386i	-0.0799+0.1039i	-0.6784-1.5103i	-0.0139+0.1710i	0.3818+0.2078i
57.1	-0.2417-0.6865i	-0.0396+0.0018i	0.2616+0.2008i	-0.0891-0.7085i	-0.1492+0.0535i	-0.6140-1.4969i	-0.0289+0.1676i	0.3670+0.2034i
57.2	-0.2213-0.6504i	-0.0342+0.0091i	0.2637+0.2061i	-0.0736-0.6715i	-0.1686+0.0539i	-0.5800-1.4715i	-0.0677+0.1775i	0.3446+0.2257i
57.3	-0.2160-0.6409i	-0.0319+0.0050i	0.2633+0.2191i	-0.0785-0.6432i	-0.1476+0.0814i	-0.5785-1.4293i	-0.0642+0.1484i	0.3479+0.1763i
57.4	-0.2237-0.6171i	-0.0360+0.0009i	0.2468+0.2534i	-0.1086-0.6131i	-0.1238+0.0637i	-0.6018-1.4135i	-0.0299+0.0864i	0.3500+0.1210i
57.5	-0.2169-0.5815i	-0.0506-0.0063i	0.2331+0.2541i	-0.1164-0.5970i	-0.1209+0.0632i	-0.5488-1.3916i	-0.0374+0.1130i	0.3043+0.1199i
57.6	-0.2092-0.5693i	-0.0419-0.0117i	0.2523+0.2888i	-0.0996-0.5628i	-0.1312+0.0627i	-0.5427-1.3491i	-0.1172+0.1014i	0.2704+0.1221i
57.7	-0.2100-0.5692i	-0.0590-0.0088i	0.2232+0.3133i	-0.1368-0.5621i	-0.1405+0.0831i	-0.6001-1.3602i	-0.0343+0.0718i	0.3114+0.0967i
57.8	-0.2057-0.5514i	-0.0645+0.0005i	0.2437+0.3297i	-0.1430-0.5233i	-0.1368+0.0700i	-0.6222-1.2862i	-0.0810+0.0258i	0.2690+0.1009i
57.9	-0.2060-0.5651i	-0.0737-0.0115i	0.2745+0.3423i	-0.1434-0.5250i	-0.1414+0.0772i	-0.5781-1.2715i	-0.0843+0.0434i	0.2946+0.0968i
58.0	-0.2028-0.5435i	-0.0850-0.0124i	0.2696+0.3231i	-0.1454-0.5077i	-0.1174+0.0833i	-0.5698-1.2988i	-0.0865+0.0379i	0.3099+0.0810i
58.1	-0.2139-0.5161i	-0.0866-0.0083i	0.2612+0.3121i	-0.1426-0.4765i	-0.1264+0.0643i	-0.5901-1.2764i	-0.1386+0.0367i	0.2599+0.1063i
58.2	-0.2167-0.4885i	-0.0847-0.0108i	0.2835+0.3300i	-0.1359-0.4389i	-0.1509+0.0422i	-0.6016-1.2008i	-0.1715+0.0426i	0.2705+0.0810i
58.3	-0.2100-0.4835i	-0.0876-0.0031i	0.2652+0.3261i	-0.1450-0.4393i	-0.1421+0.0818i	-0.5754-1.1964i	-0.1329+0.0535i	0.2717+0.0544i
58.4	-0.2143-0.4843i	-0.1048-0.0026i	0.2603+0.3561i	-0.1487-0.4070i	-0.1534+0.0403i	-0.5759-1.1752i	-0.1876-0.0353i	0.2058+0.0578i
58.5	-0.2132-0.4601i	-0.1285-0.0180i	0.2598+0.3530i	-0.1479-0.4059i	-0.1362+0.0862i	-0.5457-1.1796i	-0.1942+0.0314i	0.2225+0.0680i
58.6	-0.2044-0.4578i	-0.1566-0.0200i	0.2910+0.3602i	-0.1260-0.4012i	-0.1827+0.0795i	-0.5403-1.1422i	-0.2498+0.0229i	0.2341+0.0411i
58.7	-0.1937-0.4322i	-0.1469-0.0119i	0.2890+0.3661i	-0.1140-0.3756i	-0.1907+0.1064i	-0.5584-1.1330i	-0.2208+0.0279i	0.2729+0.0603i
58.8	-0.2038-0.4272i	-0.1373+0.0050i	0.3000+0.3755i	-0.1064-0.3589i	-0.2085+0.0851i	-0.5314-1.1359i	-0.2731+0.0549i	0.2381+0.0961i
58.9	-0.1899-0.4054i	-0.1584+0.0300i	0.2914+0.3602i	-0.1099-0.3535i	-0.1909+0.0965i	-0.5182-1.1388i	-0.2284+0.1279i	0.2488+0.1104i
59.0	-0.1980-0.3990i	-0.1643+0.0409i	0.3065+0.3598i	-0.1174-0.3495i	-0.1437+0.1257i	-0.5473-1.1344i	-0.2173+0.1655i	0.2487+0.1121i
59.1	-0.1987-0.3859i	-0.1579+0.0422i	0.2914+0.3472i	-0.1288-0.3445i	-0.1854+0.1463i	-0.5401-1.1122i	-0.1931+0.1751i	0.2611+0.1073i
59.2	-0.1883-0.3670i	-0.1598+0.0542i	0.3020+0.3311i	-0.1198-0.3259i	-0.1917+0.1521i	-0.5200-1.0815i	-0.1926+0.1773i	0.2662+0.0931i
59.3	-0.1825-0.3607i	-0.1738+0.0689i	0.3258+0.3486i	-0.1100-0.2968i	-0.1565+0.1723i	-0.5351-1.0640i	-0.2172+0.1697i	0.2400+0.0975i
59.4	-0.1730-0.3536i	-0.1744+0.0908i	0.3121+0.3768i	-0.1140-0.2763i	-0.1582+0.1648i	-0.5652-1.0545i	-0.2153+0.1081i	0.2253+0.0772i
59.5	-0.1894-0.3256i	-0.1853+0.1056i	0.3369+0.3417i	-0.1082-0.2669i	-0.1447+0.1955i	-0.5763-1.0580i	-0.2312+0.1906i	0.2190+0.1161i
59.6	-0.1852-0.3395i	-0.1862+0.1180i	0.3434+0.3415i	-0.1039-0.2612i	-0.1713+0.2015i	-0.5933-1.0178i	-0.2220+0.2090i	0.2206+0.1178i
59.7	-0.1780-0.3466i	-0.1868+0.1234i	0.3359+0.3433i	-0.1065-0.2705i	-0.1724+0.2080i	-0.5534-0.9992i	-0.2314+0.2125i	0.1962+0.1354i
59.8	-0.1602-0.3317i	-0.1841+0.1343i	0.3220+0.3345i	-0.0925-0.2620i	-0.1675+0.1929i	-0.5752-0.9950i	-0.2038+0.2270i	0.2582+0.1162i
59.9	-0.1544-0.3083i	-0.1706+0.1418i	0.3031+0.3243i	-0.0950-0.2299i	-0.1660+0.1878i	-0.5764-0.9760i	-0.1055+0.2334i	0.2787+0.0884i
60.0	-0.1667-0.2806i	-0.1817+0.1601i	0.2753+0.2861i	-0.1008-0.1865i	-0.1470+0.1956i	-0.5513-0.9667i	-0.0803+0.3250i	0.2462+0.1022i
60.1	-0.1736-0.2898i	-0.1812+0.1688i	0.3267+0.3376i	-0.0862-0.1844i	-0.1496+0.2053i	-0.5481-0.9554i	-0.2060+0.2193i	0.1964+0.0755i
60.2	-0.1688-0.2843i	-0.1769+0.1611i	0.3176+0.3238i	-0.0873-0.1999i	-0.1118+0.2395i	-0.5613-0.9460i	-0.1182+0.1876i	0.2385+0.0648i
60.3	-0.1664-0.2916i	-0.1756+0.1922i	0.3035+0.3262i	-0.1123-0.2110i	-0.0917+0.2290i	-0.5819-0.9304i	-0.0710+0.1338i	0.2674+0.0492i
60.4	-0.1685-0.2868i	-0.1517+0.1997i	0.3296+0.3217i	-0.1011-0.2030i	-0.0798+0.2322i	-0.6013-0.9092i	-0.0962+0.1597i	0.2638+0.0477i
60.5	-0.1635-0.2701i	-0.1332+0.2258i	0.3279+0.3057i	-0.0777-0.1724i	-0.0945+0.2477i	-0.5889-0.8729i	-0.1044+0.2063i	0.2728+0.0971i
60.6	-0.1565-0.2668i	-0.1253+0.2479i	0.2982+0.3098i	-0.0765-0.1596i	-0.1213+0.2156i	-0.5712-0.8770i	-0.0464+0.1419i	0.2932+0.0735i
60.7	-0.1601-0.2843i	-0.1151+0.2629i	0.3021+0.3255i	-0.0794-0.1743i	-0.0976+0.2561i	-0.5624-0.8740i	-0.0257+0.1453i	0.2940+0.0366i
60.8	-0.1746-0.2758i	-0.0810+0.2368i	0.3183+0.3296i	-0.0772-0.1659i	-0.0679+0.2408i	-0.5700-0.8630i	-0.0430+0.1360i	0.3063+0.0040i
60.9	-0.1683-0.2542i	-0.0484+0.2296i	0.3493+0.3213i	-0.0556-0.1461i	-0.0639+0.1947i	-0.5942-0.8300i	-0.1111+0.1685i	0.2688+0.0581i
61.0	-0.1470-0.2488i	-0.0374+0.2251i	0.3381+0.3280i	-0.0586-0.1507i	-0.0724+0.2212i	-0.5901-0.8233i	-0.1256+0.1151i	0.2546+0.0422i
61.1	-0.1342-0.2607i	-0.0333+0.2040i	0.3275+0.3419i	-0.0578-0.1611i	-0.0642+0.2353i	-0.5985-0.8300i	-0.1093+0.0624i	0.2590-0.0179i
61.2	-0.1222-0.2431i	-0.0091+0.2004i	0.3110+0.2960i	-0.0301-0.1500i	-0.0300+0.2487i	-0.5709-0.7668i	-0.0146+0.1762i	0.3948+0.0621i
61.3	-0.1313-0.2212i	-0.0185+0.1938i	0.3316+0.2747i	-0.0355-0.1324i	-0.0571+0.2352i	-0.5807-0.7406i	-0.0598+0.1999i	0.3538+0.0907i
61.4	-0.1318-0.2245i	-0.0138+0.2002i	0.3120+0.2870i	-0.0457-0.1292i	-0.0502+0.2239i	-0.5833-0.7539i	-0.0103+0.1291i	0.3549+0.0224i
61.5	-0.1309-0.2209i	0.0098+0.1974i	0.2973+0.2752i	-0.0516-0.1336i	-0.0178+0.2593i	-0.5612-0.7397i	-0.0075+0.1361i	0.3547+0.0076i
61.6	-0.1315-0.2250i	-0.0248+0.2087i	0.3229+0.2765i	-0.0510-0.1228i	-0.0479+0.2371i	-0.5556-0.7207i	-0.0889+0.1259i	0.3019+0.0173i
61.7	-0.1262-0.2358i	-0.0323+0.2063i	0.3276+0.2914i	-0.0500-0.1236i	-0.0499+0.2012i	-0.5770-0.6947i	-0.0609+0.0818i	0.3063+0.0014i
61.8	-0.1226-0.2373i	-0.0297+0.2244i	0.3102+0.2819i	-0.0487-0.1264i	-0.0430+0.2334i	-0.5844-0.6646i	-0.0632+0.0917i	0.3081+0.0309i
61.9	-0.1121-0.2451i	-0.0453+0.1883i	0.2857+0.2930i	-0.0430-0.1406i	-0.0065+0.2100i	-0.5726-0.6603i	-0.0088+0.0111i	0.3267-0.1010i
62.0	-0.1112-0.2326i	-0.0076+0.2491i	0.2918+0.2798i	-0.0200-0.1211i	0.0088+0.2384i	-0.5550-0.6452i	-0.0334+0.0401i	0.3455-0.0646i
62.1	-0.1183-0.2131i	-0.0150+0.2616i	0.2802+0.2727i	-0.0173-0.1034i	0.0443+0.2568i	-0.5313-0.6645i	-0.0181+0.0413i	0.4151-0.0843i
62.2	-0.1096-0.2077i	-0.0300+0.2069i	0.2832+0.2679i	-0.0154-0.0966i	0.0341+0.2111i	-0.5378-0.6298i	0.0049+0.0279i	0.3983-0.0518i
62.3	-0.1284-0.2138i	0.0144+0.2325i	0.2984+0.2586i	-0.0069-0.0950i	0.0548+0.2109i	-0.5259-0.5887i	-0.0178+0.0758i	0.3928-0.0227i

62.4	-0.1219-0.2012i	0.0492+0.2316i	0.2796+0.2645i	-0.0114-0.1037i	0.0629+0.2181i	-0.5229-0.6021i	-0.0084+0.0100i	0.3938-0.1320i
62.5	-0.1037-0.1987i	0.0392+0.2091i	0.2700+0.2564i	-0.0229-0.0950i	0.0402+0.1605i	-0.5238-0.5673i	-0.0333-0.0032i	0.3473-0.1007i
62.6	-0.1074-0.2042i	0.0330+0.2225i	0.2650+0.2466i	-0.0130-0.0870i	0.0409+0.2164i	-0.5191-0.5783i	-0.0086+0.0353i	0.3816-0.0916i
62.7	-0.1187-0.2169i	0.0378+0.2527i	0.2768+0.2711i	-0.0276-0.0838i	0.0290+0.2464i	-0.5282-0.6088i	-0.0447-0.0928i	0.2733-0.2083i
62.8	-0.1082-0.2179i	0.0454+0.2180i	0.2772+0.2835i	-0.0254-0.0922i	0.0501+0.1957i	-0.5258-0.5846i	-0.0721-0.0591i	0.2193-0.2467i
62.9	-0.1139-0.2092i	0.0657+0.2587i	0.2671+0.2748i	-0.0050-0.0918i	0.0570+0.2088i	-0.5197-0.5728i	-0.0922-0.0546i	0.2787-0.2305i
63.0	-0.1157-0.2118i	0.0787+0.2566i	0.2669+0.2798i	-0.0051-0.0785i	0.0936+0.2294i	-0.5164-0.5802i	-0.1197-0.0969i	0.2531-0.2213i
63.1	-0.1090-0.2067i	0.0720+0.2393i	0.2667+0.2794i	-0.0066-0.0769i	0.0960+0.2240i	-0.5203-0.5952i	-0.1303-0.1307i	0.2121-0.2990i
63.2	-0.0951-0.2065i	0.0984+0.2173i	0.2663+0.2637i	0.0099-0.0890i	0.0825+0.2035i	-0.5137-0.5576i	-0.1445-0.0875i	0.2057-0.2464i
63.3	-0.0990-0.1911i	0.0986+0.2171i	0.2432+0.2495i	0.0163-0.0778i	0.0762+0.2250i	-0.4601-0.5511i	-0.1062-0.0817i	0.2700-0.2795i
63.4	-0.1036-0.1779i	0.1193+0.2218i	0.2420+0.2438i	0.0317-0.0867i	0.0901+0.2030i	-0.4549-0.5499i	-0.1357-0.1060i	0.3089-0.3175i
63.5	-0.1323-0.1873i	0.1525+0.2458i	0.2628+0.2421i	0.0311-0.0840i	0.1200+0.1811i	-0.4517-0.5170i	-0.1633-0.0612i	0.3009-0.2987i
63.6	-0.1262-0.2015i	0.1251+0.2043i	0.2638+0.2456i	0.0147-0.0838i	0.1181+0.1839i	-0.4795-0.5155i	-0.2307-0.0098i	0.2176-0.3097i
63.7	-0.1064-0.1865i	0.1333+0.1804i	0.2637+0.2431i	0.0214-0.0938i	0.1173+0.1525i	-0.4857-0.5070i	-0.1928-0.0445i	0.1566-0.3233i
63.8	-0.1211-0.1879i	0.1507+0.1973i	0.2678+0.2463i	0.0307-0.0939i	0.1347+0.1476i	-0.4873-0.4988i	-0.2454-0.0704i	0.2244-0.3151i
63.9	-0.1362-0.1954i	0.1378+0.2160i	0.2639+0.2599i	0.0338-0.0873i	0.1409+0.1707i	-0.4852-0.5126i	-0.2426-0.0887i	0.2115-0.3645i
64.0	-0.1467-0.2100i	0.1240+0.1948i	0.2574+0.2613i	0.0169-0.0743i	0.0791+0.1853i	-0.4715-0.5052i	-0.2592-0.0314i	0.1461-0.3599i
64.1	-0.1150-0.2127i	0.1305+0.1878i	0.2338+0.2544i	0.0232-0.0953i	0.0844+0.1450i	-0.4588-0.4895i	-0.2908-0.0599i	0.1619-0.4059i
64.2	-0.1122-0.1885i	0.1507+0.1363i	0.2385+0.2561i	0.0327-0.0929i	0.0996+0.0924i	-0.4769-0.4644i	-0.3169+0.0076i	0.0894-0.3897i
64.3	-0.1259-0.1951i	0.1586+0.1437i	0.2422+0.2467i	0.0389-0.0848i	0.0779+0.0815i	-0.4623-0.4507i	-0.3153+0.0106i	0.1190-0.3181i
64.4	-0.1398-0.1842i	0.1494+0.1287i	0.2406+0.2276i	0.0425-0.0973i	0.0461+0.0969i	-0.4227-0.4388i	-0.2947+0.0435i	0.2240-0.3764i
64.5	-0.1374-0.1744i	0.1746+0.1237i	0.2485+0.2298i	0.0411-0.1012i	0.1350+0.1096i	-0.4548-0.4475i	-0.3062+0.0439i	0.1040-0.3654i
64.6	-0.1259-0.2052i	0.1044+0.1254i	0.2408+0.2506i	0.0124-0.0945i	0.0834+0.0821i	-0.4636-0.4227i	-0.2569+0.0048i	0.0424-0.3390i
64.7	-0.1160-0.1872i	0.1113+0.0965i	0.2197+0.2399i	0.0202-0.0993i	0.1045+0.0571i	-0.4430-0.4217i	-0.2587+0.0259i	0.1017-0.3476i
64.8	-0.1134-0.1745i	0.1401+0.0974i	0.2203+0.2170i	0.0281-0.1110i	0.1679+0.0498i	-0.4426-0.4094i	-0.2857+0.0189i	0.0639-0.3167i
64.9	-0.1077-0.1709i	0.1425+0.0992i	0.2084+0.2198i	0.0266-0.1099i	0.1577+0.0533i	-0.4292-0.4073i	-0.2688+0.0611i	0.0656-0.3809i
65.0	-0.1274-0.1698i	0.1252+0.1207i	0.2347+0.2230i	0.0128-0.0881i	0.0561+0.1013i	-0.4457-0.3980i	-0.2514+0.0372i	-0.0124-0.3818i
65.1	-0.1431-0.1602i	0.1208+0.1160i	0.2180+0.2115i	0.0180-0.0949i	0.1057+0.1268i	-0.4113-0.3863i	-0.2593+0.0552i	0.0301-0.3454i
65.2	-0.1334-0.1634i	0.1448+0.0918i	0.2076+0.2168i	0.0175-0.1039i	0.1197+0.0834i	-0.4139-0.3780i	-0.2607+0.0611i	-0.0095-0.2915i
65.3	-0.1278-0.1609i	0.1322+0.0895i	0.2042+0.2185i	0.0259-0.0887i	0.0955+0.0755i	-0.4115-0.3864i	-0.2582+0.0656i	0.0041-0.3084i
65.4	-0.1133-0.1502i	0.1091+0.0427i	0.1931+0.2003i	0.0129-0.1075i	0.0928+0.0198i	-0.3978-0.3597i	-0.2598+0.1129i	0.0443-0.2807i
65.5	-0.1371-0.1362i	0.1407+0.0673i	0.2093+0.2042i	0.0257-0.1061i	0.1070+0.0505i	-0.4095-0.3409i	-0.3135+0.1467i	0.0500-0.3049i
65.6	-0.1465-0.1164i	0.1486+0.0706i	0.2296+0.2113i	0.0284-0.0891i	0.1329+0.0892i	-0.4203-0.3483i	-0.2935+0.1388i	-0.0206-0.2998i
65.7	-0.1179-0.1195i	0.1218+0.0505i	0.1826+0.2017i	0.0144-0.1040i	0.1273+0.0472i	-0.3846-0.3573i	-0.2916+0.1402i	0.0351-0.2888i
65.8	-0.1230-0.1558i	0.1005+0.0725i	0.1870+0.2326i	-0.0049-0.0999i	0.0487+0.0601i	-0.3984-0.3242i	-0.2822+0.1687i	0.0117-0.3076i
65.9	-0.1167-0.1444i	0.1035+0.0573i	0.1731+0.2083i	-0.0122-0.1136i	0.0698+0.0337i	-0.3754-0.3134i	-0.2768+0.1768i	-0.0067-0.3154i
66.0	-0.1068-0.1216i	0.1176+0.0443i	0.1731+0.1892i	0.0208-0.0954i	0.1040+0.0383i	-0.3764-0.3091i	-0.2716+0.1709i	-0.0121-0.2904i
66.1	-0.0858-0.0918i	0.0950+0.0027i	0.1894+0.1897i	0.0108-0.1168i	0.0678+0.0123i	-0.4040-0.2955i	-0.2095+0.2740i	-0.0685-0.3362i
66.2	-0.0986-0.1004i	0.1123+0.0264i	0.1821+0.1823i	0.0245-0.1089i	0.0809+0.0622i	-0.3822-0.2797i	-0.2359+0.2207i	-0.0985-0.2713i
66.3	-0.1057-0.1126i	0.1048+0.0353i	0.1708+0.1746i	0.0105-0.0853i	0.0592+0.0649i	-0.3552-0.2793i	-0.2313+0.1892i	-0.0653-0.2705i
66.4	-0.1101-0.1054i	0.1031+0.0426i	0.1652+0.1466i	0.0150-0.0759i	0.0798+0.0552i	-0.3608-0.2696i	-0.2428+0.1244i	-0.0411-0.2096i
66.5	-0.0957-0.0915i	0.0955+0.0220i	0.1490+0.1622i	0.0126-0.1160i	0.0742+0.0438i	-0.3601-0.2653i	-0.2336+0.1693i	-0.0498-0.2231i
66.6	-0.0935-0.1027i	0.0848+0.0275i	0.1544+0.1793i	0.0059-0.1003i	0.0384+0.0379i	-0.3668-0.2662i	-0.2339+0.1613i	-0.0976-0.2172i
66.7	-0.0937-0.1130i	0.0752+0.0385i	0.1479+0.1793i	0.0042-0.0879i	0.0345+0.0276i	-0.3491-0.2726i	-0.2101+0.1432i	-0.1099-0.2451i
66.8	-0.0894-0.1125i	0.0750+0.0511i	0.1336+0.1555i	0.0044-0.0763i	0.0355-0.0003i	-0.3387-0.2451i	-0.2340+0.1251i	-0.0911-0.2440i
66.9	-0.0671-0.0944i	0.0656+0.0395i	0.1176+0.1503i	-0.0148-0.1023i	0.0173-0.0162i	-0.3214-0.2341i	-0.2311+0.1795i	-0.0736-0.2265i
67.0	-0.0646-0.0952i	0.0531+0.0269i	0.1262+0.1546i	-0.0193-0.0973i	0.0015-0.0019i	-0.3274-0.2322i	-0.1655+0.1689i	-0.1208-0.1827i
67.1	-0.0856-0.0925i	0.0599+0.0239i	0.1279+0.1604i	-0.0072-0.0873i	-0.0219+0.0118i	-0.3109-0.2180i	-0.1918+0.1994i	-0.1031-0.1793i
67.2	-0.0743-0.0985i	0.0486+0.0462i	0.1181+0.1484i	0.0033-0.0693i	0.0193+0.0503i	-0.3274-0.2147i	-0.2011+0.1149i	-0.1125-0.1659i
67.3	-0.0645-0.1077i	0.0637+0.0537i	0.0899+0.1558i	0.0134-0.0739i	0.0578+0.0399i	-0.2820-0.2210i	-0.2096+0.1276i	-0.1117-0.1809i
67.4	-0.0497-0.0898i	0.0618+0.0268i	0.0839+0.1403i	0.0014-0.0920i	0.0121+0.0336i	-0.2683-0.2129i	-0.2223+0.1805i	-0.0802-0.1953i
67.5	-0.0583-0.1003i	0.0481+0.0301i	0.0828+0.1421i	-0.0002-0.0928i	0.0109+0.0199i	-0.2864-0.2143i	-0.2061+0.1419i	-0.0674-0.1615i
67.6	-0.0868-0.0937i	0.0622+0.0400i	0.0915+0.1607i	0.0131-0.0774i	0.0418+0.0169i	-0.2663-0.2092i	-0.2434+0.1518i	-0.0695-0.1276i
67.7	-0.0679-0.0841i	0.0646+0.0353i	0.0827+0.1500i	0.0080-0.0679i	0.0072+0.0434i	-0.2711-0.2079i	-0.2475+0.1584i	-0.0880-0.1186i
67.8	-0.0374-0.0868i	0.0411+0.0339i	0.0549+0.1214i	-0.0112-0.0735i	0.0356+0.0678i	-0.2464-0.2145i	-0.1843+0.1214i	-0.0716-0.1456i
67.9	-0.0430-0.1007i	0.0366+0.0407i	0.0425+0.1328i	-0.0142-0.0758i	0.0138+0.0300i	-0.2323-0.2088i	-0.1991+0.1079i	-0.0344-0.1494i
68.0	-0.0338-0.1066i	0.0386+0.0414i	0.0311+0.1499i	-0.0176-0.0721i	0.0156+0.0206i	-0.2229-0.2174i	-0.1947+0.1551i	-0.0609-0.1601i
68.1	-0.0206-0.0978i	0.0365+0.0518i	0.0262+0.1309i	-0.0115-0.0573i	0.0249+0.0238i	-0.2264-0.2046i	-0.2191+0.1307i	-0.0418-0.1602i
68.2	-0.0282-0.0964i	0.0405+0.0587i	0.0122+0.1350i	-0.0155-0.0538i	0.0307+0.0498i	-0.2128-0.2090i	-0.2399+0.1239i	-0.0371-0.1675i
68.3	-0.0242-0.1072i	0.0413+0.0494i	-0.0124+0.1321i	-0.0122-0.0500i	0.0120+0.0697i	-0.2055-0.2154i	-0.2665+0.0774i	-0.0695-0.1384i
68.4	-0.0020-0.1026i	0.0317+0.0429i	-0.0201+0.1209i	-0.0060-0.0460i	0.0489+0.0361i	-0.1960-0.2042i	-0.2745+0.0922i	-0.0247-0.1221i
68.5	-0.0042-0.1002i	0.0416+0.0534i	-0.0208+0.1336i	-0.0067-0.0504i	0.0446+0.0610i	-0.2004-0.1989i	-0.2305+0.1259i	-0.0770-0.1616i
68.6	-0.0247-0.1132i	0.0429+0.0645i	-0.0213+0.1438i	-0.0071-0.0442i	0.0432+0.0398i	-0.1979-0.1881i	-0.2918+0.1181i	-0.0565-0.1614i

68.7	-0.0209-0.1213i	0.0300+0.0639i	-0.0319+0.1395i	-0.0051-0.0465i	-0.0073+0.0177i	-0.1897-0.1937i	-0.3333+0.0991i	-0.0190-0.1735i
68.8	-0.0195-0.1215i	0.0290+0.0658i	-0.0507+0.1400i	-0.0056-0.0378i	0.0117+0.0617i	-0.1638-0.2021i	-0.3449+0.1220i	-0.0065-0.1829i
68.9	-0.0143-0.1120i	0.0260+0.0556i	-0.0737+0.1325i	0.0021-0.0429i	0.0302+0.1057i	-0.1391-0.2133i	-0.3988+0.1318i	0.0432-0.1398i
69.0	-0.0011-0.1016i	0.0159+0.0525i	-0.0751+0.1232i	-0.0076-0.0556i	0.0312+0.1148i	-0.1571-0.2108i	-0.3313+0.1184i	0.0241-0.1360i
69.1	-0.0097-0.1211i	0.0345+0.0573i	-0.0927+0.1461i	-0.0069-0.0493i	0.0389+0.0667i	-0.1408-0.2055i	-0.3358+0.1717i	-0.0234-0.1875i
69.2	-0.0015-0.1308i	0.0510+0.0628i	-0.1154+0.1623i	0.0164-0.0329i	0.0485+0.1129i	-0.1188-0.2042i	-0.3666+0.2346i	-0.0610-0.2060i
69.3	0.0131-0.1228i	0.0345+0.0588i	-0.1446+0.1345i	0.0108-0.0303i	0.0425+0.0789i	-0.1119-0.2031i	-0.4272+0.1737i	0.0117-0.1829i
69.4	0.0076-0.1206i	0.0276+0.0601i	-0.1385+0.1223i	0.0072-0.0371i	0.0522+0.0654i	-0.1144-0.1770i	-0.4003+0.1443i	0.0246-0.1816i
69.5	0.0067-0.1198i	0.0279+0.0522i	-0.1274+0.1455i	-0.0043-0.0408i	0.0330+0.0898i	-0.1066-0.1823i	-0.3456+0.2704i	-0.0034-0.2414i
69.6	0.0066-0.1270i	0.0390+0.0540i	-0.1561+0.1638i	0.0157-0.0423i	0.0447+0.0478i	-0.0983-0.1898i	-0.4451+0.2664i	-0.0016-0.2269i
69.7	0.0094-0.1271i	0.0354+0.0444i	-0.1696+0.1568i	0.0234-0.0457i	0.0446+0.0317i	-0.1036-0.2060i	-0.4528+0.2259i	-0.0040-0.1677i
69.8	0.0195-0.1376i	0.0302+0.0516i	-0.1881+0.1686i	0.0152-0.0328i	0.0667+0.0379i	-0.0909-0.2189i	-0.3872+0.2615i	-0.0241-0.2068i
69.9	0.0204-0.1440i	0.0322+0.0671i	-0.2052+0.1806i	0.0150-0.0240i	0.0701+0.0572i	-0.0728-0.2068i	-0.4670+0.3092i	-0.0050-0.2734i
70.0	0.0280-0.1320i	0.0354+0.0685i	-0.2394+0.1740i	0.0344-0.0202i	0.0414+0.0668i	-0.0574-0.2035i	-0.5879+0.3262i	0.0473-0.2795i
70.1	0.0383-0.1392i	0.0303+0.0656i	-0.2392+0.1831i	0.0175-0.0176i	0.0552+0.0498i	-0.0584-0.2016i	-0.4504+0.3592i	-0.0220-0.3030i
70.2	0.0323-0.1517i	0.0190+0.0612i	-0.2347+0.1860i	0.0127-0.0332i	0.0393+0.0519i	-0.0728-0.2320i	-0.3948+0.4060i	-0.0148-0.3245i
70.3	0.0493-0.1474i	0.0144+0.0465i	-0.2572+0.1799i	0.0032-0.0340i	0.0325+0.1101i	-0.0277-0.2750i	-0.3787+0.4590i	-0.0138-0.3446i
70.4	0.0449-0.1400i	0.0050+0.0522i	-0.2698+0.1878i	0.0183-0.0382i	0.0791+0.0606i	-0.0486-0.2594i	-0.5232+0.4041i	0.0581-0.2616i
70.5	0.0558-0.1516i	0.0035+0.0611i	-0.2986+0.2074i	0.0277-0.0366i	0.0609+0.0306i	-0.0479-0.2337i	-0.5780+0.4550i	0.0711-0.2887i
70.6	0.0650-0.1819i	0.0129+0.0809i	-0.3157+0.2330i	0.0146-0.0362i	0.0457+0.0109i	-0.0559-0.2562i	-0.5946+0.5134i	0.0509-0.3704i
70.7	0.0529-0.1689i	0.0071+0.0742i	-0.3250+0.2245i	0.0210-0.0469i	0.0324+0.0027i	-0.0294-0.2738i	-0.5465+0.5757i	0.0450-0.3918i
70.8	0.0498-0.1592i	0.0048+0.0581i	-0.3152+0.2190i	0.0152-0.0478i	0.0635+0.0402i	-0.0399-0.3023i	-0.4332+0.5806i	-0.0280-0.3788i
70.9	0.0378-0.1633i	-0.0000+0.0578i	-0.3078+0.2365i	0.0112-0.0528i	0.0828+0.0458i	-0.0373-0.3060i	-0.4349+0.6150i	-0.0331-0.3929i
71.0	0.0454-0.1761i	0.0044+0.0668i	-0.3312+0.2656i	0.0166-0.0537i	0.0224+0.0481i	-0.0360-0.3290i	-0.4512+0.7134i	-0.0413-0.4792i
71.1	0.0531-0.1744i	0.0047+0.0670i	-0.3593+0.2841i	0.0078-0.0408i	-0.0068+0.0615i	-0.0444-0.3508i	-0.4022+0.7039i	-0.0792-0.4664i
71.2	0.0828-0.1740i	-0.0067+0.0748i	-0.4039+0.2588i	-0.0037-0.0423i	0.0024+0.0683i	-0.0557-0.3108i	-0.4571+0.7332i	-0.0773-0.5028i
71.3	0.0724-0.1819i	-0.0097+0.0787i	-0.4135+0.2823i	0.0045-0.0421i	0.0280+0.0608i	-0.0763-0.3356i	-0.5186+0.8051i	-0.0338-0.5163i
71.4	0.0728-0.1883i	-0.0049+0.0896i	-0.4494+0.2848i	-0.0071-0.0423i	-0.0035+0.0325i	-0.0581-0.3537i	-0.5943+0.8329i	-0.0107-0.5521i
71.5	0.0980-0.1881i	-0.0102+0.0860i	-0.4741+0.3083i	-0.0210-0.0439i	-0.0266+0.0739i	-0.0711-0.3514i	-0.5066+0.9562i	-0.0737-0.6005i
71.6	0.1010-0.2076i	-0.0034+0.0979i	-0.4740+0.3467i	-0.0300-0.0256i	-0.0084+0.0989i	-0.0881-0.3422i	-0.4659+1.0676i	-0.1130-0.6547i
71.7	0.1217-0.2256i	-0.0046+0.1047i	-0.4916+0.3369i	-0.0381-0.0093i	0.0016+0.0774i	-0.0978-0.3390i	-0.3739+1.1103i	-0.1707-0.7332i
71.8	0.1192-0.2294i	-0.0169+0.1103i	-0.5396+0.3754i	-0.0347-0.0132i	-0.0276+0.1418i	-0.0942-0.3658i	-0.3846+1.2302i	-0.1760-0.7447i
71.9	0.1238-0.2327i	-0.0136+0.1129i	-0.5393+0.4002i	-0.0270-0.0078i	-0.0070+0.1400i	-0.1023-0.3742i	-0.3591+1.1685i	-0.2189-0.6714i
72.0	0.1292-0.2505i	-0.0166+0.1218i	-0.5791+0.3935i	-0.0331+0.0128i	0.0306+0.1311i	-0.1227-0.3808i	-0.3183+1.1727i	-0.2678-0.7181i
72.1	0.1433-0.2665i	-0.0218+0.1319i	-0.5900+0.4156i	-0.0385+0.0186i	0.0336+0.1442i	-0.1260-0.3893i	-0.2349+1.2751i	-0.2998-0.8048i
72.2	0.1280-0.2613i	-0.0265+0.1202i	-0.5438+0.4122i	-0.0386+0.0208i	0.0297+0.1903i	-0.1185-0.3501i	-0.0693+1.2431i	-0.3617-0.7520i
72.3	0.1347-0.2628i	-0.0293+0.1188i	-0.5619+0.4119i	-0.0256+0.0268i	0.0608+0.1485i	-0.1432-0.3350i	-0.0453+1.2312i	-0.3977-0.7169i
72.4	0.1317-0.2716i	-0.0211+0.1315i	-0.5704+0.4657i	-0.0183+0.0398i	0.1087+0.1792i	-0.1703-0.3319i	0.0294+1.3364i	-0.4353-0.7556i
72.5	0.1083-0.2868i	-0.0095+0.1298i	-0.5531+0.4719i	-0.0158+0.0491i	0.0798+0.2168i	-0.1803-0.3404i	0.2282+1.3465i	-0.5605-0.7620i
72.6	0.1596-0.3131i	-0.0340+0.1469i	-0.6471+0.4734i	-0.0136+0.0693i	0.1046+0.1932i	-0.1530-0.3334i	0.1727+1.3962i	-0.5612-0.8028i
72.7	0.1638-0.3282i	-0.0279+0.1633i	-0.6602+0.5398i	-0.0122+0.0735i	0.1734+0.1756i	-0.1756-0.3126i	0.1778+1.4749i	-0.5816-0.8173i
72.8	0.1795-0.3570i	-0.0290+0.1811i	-0.6846+0.5262i	-0.0147+0.0824i	0.1246+0.1865i	-0.1895-0.3349i	0.2770+1.5360i	-0.6206-0.8689i
72.9	0.1757-0.3699i	-0.0191+0.1821i	-0.6954+0.5421i	0.0026+0.0958i	0.1426+0.1660i	-0.1759-0.3531i	0.3972+1.5697i	-0.6955-0.8762i
73.0	0.1748-0.3742i	-0.0200+0.1877i	-0.7228+0.5580i	0.0013+0.1027i	0.1853+0.2035i	-0.1794-0.3362i	0.4683+1.5698i	-0.7521-0.8545i
73.1	0.1842-0.4028i	-0.0216+0.1981i	-0.7418+0.5764i	0.0010+0.1206i	0.2545+0.2087i	-0.1760-0.3169i	0.5705+1.5598i	-0.8243-0.8391i
73.2	0.1725-0.4013i	-0.0120+0.1916i	-0.7020+0.5837i	0.0061+0.1204i	0.2516+0.2035i	-0.2172-0.2990i	0.7721+1.4582i	-0.9393-0.7945i
73.3	0.1834-0.4453i	-0.0157+0.2183i	-0.7807+0.6246i	0.0112+0.1386i	0.2456+0.2067i	-0.2202-0.3230i	0.9022+1.5294i	-1.0252-0.8417i
73.4	0.1669-0.4497i	-0.0078+0.2343i	-0.7796+0.6785i	0.0335+0.1356i	0.3059+0.1495i	-0.2472-0.3277i	0.9020+1.4685i	-1.0124-0.7774i
73.5	0.1601-0.4771i	0.0166+0.2379i	-0.7678+0.6929i	0.0696+0.1429i	0.2560+0.1012i	-0.2577-0.2785i	1.0372+1.4001i	-1.1219-0.7692i
73.6	0.1568-0.4968i	0.0119+0.2234i	-0.7919+0.6686i	0.0656+0.1511i	0.2760+0.1489i	-0.2301-0.2606i	1.2622+1.3015i	-1.2872-0.7022i
73.7	0.1693-0.5219i	0.0113+0.2459i	-0.8933+0.7114i	0.0790+0.1769i	0.3335+0.0700i	-0.1940-0.2837i	1.2888+1.2736i	-1.3237-0.6727i
73.8	0.1477-0.5380i	0.0337+0.2576i	-0.8710+0.7823i	0.1013+0.1801i	0.3372+0.0043i	-0.2347-0.2897i	1.3927+1.2601i	-1.3823-0.6491i
73.9	0.1292-0.5551i	0.0391+0.2380i	-0.8698+0.8162i	0.1211+0.1566i	0.3701+0.0358i	-0.2110-0.2619i	1.4975+1.0892i	-1.4746-0.5144i
74.0	0.1513-0.6035i	0.0207+0.2526i	-0.9599+0.8016i	0.1066+0.1866i	0.3645+0.0245i	-0.1828-0.2755i	1.4984+1.0177i	-1.5183-0.4555i
74.1	0.1478-0.6061i	0.0352+0.2481i	-0.9646+0.8333i	0.1413+0.1848i	0.3607-0.0104i	-0.2160-0.2608i	1.6244+0.9245i	-1.6184-0.4106i
74.2	0.1309-0.6102i	0.0624+0.2460i	-0.9322+0.9090i	0.1722+0.1694i	0.3328-0.0133i	-0.2462-0.2357i	1.6722+0.8413i	-1.6247-0.3471i
74.3	0.1288-0.6189i	0.0555+0.2541i	-0.9949+0.9708i	0.1915+0.1845i	0.3573-0.0382i	-0.2339-0.2367i	1.6582+0.7170i	-1.6083-0.1896i
74.4	0.1174-0.6327i	0.0674+0.2731i	-1.0364+1.0120i	0.2155+0.2034i	0.3810-0.1163i	-0.2718-0.2571i	1.7444+0.6733i	-1.6758-0.1547i
74.5	0.1060-0.6831i	0.0805+0.2804i	-1.0673+1.0672i	0.2485+0.2031i	0.3977-0.1212i	-0.3177-0.2696i	1.9251+0.6355i	-1.8501-0.1397i
74.6	0.0820-0.7214i	0.0816+0.2749i	-1.1006+1.1153i	0.2674+0.1812i	0.4029-0.1063i	-0.2854-0.2255i	2.0138+0.4396i	-1.9502+0.0206i
74.7	0.0497-0.7587i	0.0941+0.2684i	-1.1083+1.1546i	0.2942+0.1697i	0.3908-0.2172i	-0.2879-0.1880i	2.0996+0.1875i	-1.9954+0.2425i
74.8	0.0134-0.7600i	0.1017+0.2483i	-1.0567+1.2441i	0.3057+0.1449i	0.3543-0.2763i	-0.2995-0.1645i	2.1095-0.0320i	-1.9845+0.4461i
74.9	-0.0114-0.7533i	0.1181+0.2600i	-1.0080+1.3415i	0.3381+0.1425i	0.3600-0.2943i	-0.3611-0.1674i	1.9811-0.1850i	-1.8276+0.5977i

75.0	0.0004−0.7993i	0.1305+0.2696i	−1.0768+1.3913i	0.3639+0.1480i	0.3370−0.3336i	−0.4248−0.1578i	2.1280−0.1914i	−1.9394+0.6057i
75.1	0.0174−0.8559i	0.1306+0.2802i	−1.1454+1.4339i	0.3688+0.1396i	0.3450−0.3285i	−0.4711−0.1271i	2.2627−0.2285i	−2.0529+0.6490i
75.2	0.0358−0.8404i	0.1022+0.2766i	−1.1684+1.4088i	0.3598+0.0982i	0.3228−0.2855i	−0.4234−0.0651i	2.0494−0.3724i	−1.9240+0.7383i
75.3	0.0073−0.8511i	0.1016+0.2737i	−1.1414+1.5119i	0.4021+0.0987i	0.3298−0.3530i	−0.4013−0.0608i	1.8862−0.6102i	−1.7706+0.9157i
75.4	−0.0584−0.9099i	0.1317+0.2971i	−1.1585+1.6418i	0.4371+0.0929i	0.2986−0.4224i	−0.4427−0.0583i	1.8733−0.7437i	−1.7610+1.0548i
75.5	−0.0770−0.9238i	0.1478+0.2962i	−1.1394+1.7421i	0.4475+0.0530i	0.2236−0.4292i	−0.4689+0.0197i	1.9003−0.9262i	−1.7789+1.1899i
75.6	−0.1107−0.9111i	0.1407+0.2743i	−1.1067+1.7682i	0.4577+0.0100i	0.2065−0.4271i	−0.4136+0.0952i	1.8896−1.0833i	−1.7780+1.2822i
75.7	−0.1551−0.9314i	0.1533+0.2751i	−1.0498+1.8576i	0.4978−0.0237i	0.1755−0.4478i	−0.4361+0.1364i	1.7745−1.1951i	−1.6448+1.4009i
75.8	−0.1782−1.0192i	0.1559+0.3101i	−1.1075+1.9941i	0.5259−0.0426i	0.1982−0.5275i	−0.4457+0.1389i	1.7178−1.3094i	−1.6248+1.5466i
75.9	−0.2492−1.0902i	0.1797+0.3105i	−1.1270+2.1359i	0.5699−0.0866i	0.1372−0.5452i	−0.4209+0.2020i	1.6790−1.5134i	−1.6265+1.7136i
76.0	−0.3082−1.0457i	0.1935+0.2965i	−1.0418+2.1558i	0.5454−0.1164i	0.1013−0.5457i	−0.4388+0.2171i	1.4431−1.6132i	−1.3864+1.7803i
76.1	−0.2824−1.0290i	0.1826+0.3066i	−1.0755+2.1872i	0.5536−0.1149i	0.0860−0.5627i	−0.4141+0.2491i	1.3939−1.5537i	−1.3475+1.7235i
76.2	−0.3496−1.1034i	0.2165+0.3062i	−1.0290+2.3685i	0.6061−0.2217i	0.0190−0.6047i	−0.4656+0.4168i	1.4052−1.7494i	−1.3654+1.9018i
76.3	−0.4305−1.1171i	0.2267+0.2943i	−0.9134+2.4338i	0.5938−0.2993i	0.0085−0.5737i	−0.4155+0.5165i	1.2713−1.8997i	−1.2215+2.0282i
76.4	−0.4967−1.1552i	0.2301+0.3014i	−0.9120+2.5607i	0.5883−0.3072i	−0.0089−0.5671i	−0.3089+0.5072i	1.1172−2.0420i	−1.1489+2.1736i
76.5	−0.5185−1.1590i	0.2406+0.3133i	−0.8964+2.6586i	0.5927−0.3304i	−0.0499−0.5801i	−0.3145+0.5117i	0.9948−1.9867i	−1.0619+2.1452i
76.6	−0.5101−1.1532i	0.2317+0.3253i	−0.9164+2.7250i	0.5906−0.3579i	−0.0590−0.6357i	−0.2888+0.5466i	0.9509−1.9662i	−0.9776+2.1377i
76.7	−0.5917−1.1747i	0.2691+0.3110i	−0.7855+2.8761i	0.5949−0.4288i	−0.1187−0.6113i	−0.2724+0.7200i	0.8117−2.1096i	−0.8327+2.2699i
76.8	−0.7049−1.2310i	0.2920+0.3224i	−0.7351+3.0610i	0.5542−0.5118i	−0.1570−0.6098i	−0.2056+0.7824i	0.6409−2.2731i	−0.7317+2.4391i
76.9	−0.8025−1.2396i	0.3060+0.3135i	−0.6090+3.2012i	0.5066−0.5568i	−0.2046−0.6078i	−0.0357+0.7792i	0.4889−2.3835i	−0.6305+2.5888i
77.0	−0.8574−1.2091i	0.3046+0.3046i	−0.5052+3.3179i	0.4936−0.6011i	−0.2228−0.6140i	0.0660+0.7961i	0.3597−2.4801i	−0.4607+2.7048i
77.1	−0.8916−1.2277i	0.3367+0.3171i	−0.4324+3.4247i	0.4758−0.6465i	−0.3173−0.6470i	0.0301+0.9304i	0.3111−2.4504i	−0.3665+2.6714i
77.2	−0.9329−1.2090i	0.3557+0.3232i	−0.3213+3.4932i	0.4362−0.6560i	−0.3540−0.6453i	0.0202+0.9217i	0.2464−2.4140i	−0.2680+2.6583i
77.3	−1.0910−1.2049i	0.4029+0.3643i	−0.0266+3.6594i	0.3881−0.7449i	−0.3998−0.6387i	−0.0357+0.8170i	0.0300−2.6043i	0.0971+2.8069i
77.4	−1.1994−1.1788i	0.4106+0.3385i	0.0841+3.7559i	0.2822−0.7956i	−0.4673−0.5610i	0.2597+0.8821i	−0.1035−2.7021i	0.1852+2.8862i
77.5	−1.2574−1.1006i	0.4376+0.3200i	0.2827+3.7196i	0.2178−0.7847i	−0.4898−0.5498i	0.2710+0.9086i	−0.3174−2.6940i	0.4144+2.8071i
77.6	−1.3824−1.0468i	0.4627+0.3110i	0.5665+3.7830i	0.1736−0.7808i	−0.5416−0.5069i	0.3950+0.8324i	−0.6223−2.7910i	0.7027+2.8474i
77.7	−1.4513−0.9805i	0.4914+0.2805i	0.8345+3.7050i	0.1297−0.8194i	−0.5796−0.5143i	0.4965+0.9198i	−0.8524−2.7904i	0.9138+2.7170i
77.8	−1.4932−0.9244i	0.5279+0.2526i	1.0223+3.7286i	0.0857−0.8574i	−0.6097−0.4800i	0.4927+1.0045i	−1.0593−2.8776i	1.0395+2.7195i
77.9	−1.5806−0.8460i	0.5790+0.2238i	1.2521+3.7500i	0.0288−0.8863i	−0.6868−0.4217i	0.4718+1.0849i	−1.3535−2.9348i	1.2441+2.6615i
78.0	−1.6241−0.8247i	0.5866+0.2203i	1.4128+3.7146i	−0.0560−0.8983i	−0.7220−0.3857i	0.5923+1.1221i	−1.6775−2.8671i	1.4326+2.5755i
78.1	−1.7283−0.8219i	0.6078+0.1892i	1.6242+3.7439i	−0.1323−0.9388i	−0.7804−0.3620i	0.9071+1.2076i	−1.9067−2.9536i	1.4539+2.6453i
78.2	−1.8787−0.7384i	0.6452+0.1540i	1.8804+3.6702i	−0.2227−0.9583i	−0.8018−0.2967i	1.0806+1.1846i	−2.2911−2.9149i	1.6914+2.6588i
78.3	−1.9300−0.5397i	0.6461+0.0694i	2.1135+3.4737i	−0.3224−0.9431i	−0.8222−0.2048i	1.3516+1.2892i	−2.7614−2.5255i	2.0336+2.3383i
78.4	−1.9182−0.4980i	0.6557+0.0656i	2.1774+3.3175i	−0.3680−0.9133i	−0.8410−0.2493i	1.4510+1.3543i	−2.7809−2.1689i	1.9802+2.0083i
78.5	−1.9429−0.3903i	0.6469+0.0206i	2.2687+3.1328i	−0.4821−0.8406i	−0.8330−0.1901i	1.6634+1.2285i	−2.9504−1.9190i	2.0463+1.8333i
78.6	−1.9881−0.1480i	0.6291−0.0626i	2.3792+2.7596i	−0.6183−0.7667i	−0.8081−0.0612i	1.8267+1.0246i	−3.2227−1.5158i	2.2293+1.5523i
78.7	−1.9348+0.0260i	0.6094−0.1106i	2.3385+2.4179i	−0.6647−0.6642i	−0.7880−0.0157i	1.8026+0.9419i	−3.3228−1.1022i	2.3700+1.2240i
78.8	−1.7661+0.1120i	0.5649−0.1464i	2.1182+2.3131i	−0.6540−0.5392i	−0.7899+0.0317i	1.8328+0.9693i	−3.1433−0.7598i	2.2107+0.9414i
78.9	−1.5553+0.1436i	0.4622−0.1633i	1.7999+2.3150i	−0.6091−0.4466i	−0.7243+0.0653i	2.0208+1.0194i	−2.9772−0.5468i	2.0042+0.7443i
79.0	−1.4754−0.0856i	0.4222−0.0934i	1.6920+2.6738i	−0.5151−0.4839i	−0.7114+0.0199i	2.2805+1.0505i	−2.8371−0.6862i	1.7507+0.8858i
79.1	−1.7075−0.2903i	0.4695−0.0055i	2.1537+2.9919i	−0.6074−0.5600i	−0.7654−0.0705i	2.6723+0.6531i	−3.0688−0.7590i	1.8111+1.0956i
79.2	−2.1332−0.0479i	0.5908−0.0497i	2.7387+2.8412i	−0.8117−0.5272i	−0.9170−0.0245i	2.8231+0.1838i	−3.6207−0.4339i	2.2136+1.1100i
79.3	−2.1953+0.1646i	0.5943−0.1121i	2.7816+2.5612i	−0.9055−0.4126i	−0.9393+0.0509i	2.8983+0.0408i	−3.7370−0.0687i	2.3562+0.9210i
79.4	−2.1594+0.3574i	0.5810−0.1474i	2.7328+2.2793i	−0.9143−0.2695i	−0.9290+0.1266i	2.6876−0.1912i	−3.6258+0.2662i	2.4357+0.7522i
79.5	−2.0431+0.5645i	0.5581−0.1858i	2.6680+2.0478i	−0.8878−0.0963i	−0.9189+0.2186i	2.5290−0.3363i	−3.4831+0.6225i	2.4506+0.4750i
79.6	−1.9532+0.7897i	0.5121−0.2597i	2.7009+1.7792i	−0.8677+0.0480i	−0.8589+0.2871i	2.6726−0.4795i	−3.4301+1.0321i	2.4335+0.1720i
79.7	−1.8797+0.9055i	0.4984−0.2716i	2.6736+1.7480i	−0.7970+0.1487i	−0.8037+0.3647i	2.5408−0.5707i	−3.2410+1.2024i	2.3649+0.0708i
79.8	−1.8202+1.0049i	0.4798−0.2755i	2.6492+1.7425i	−0.7480+0.2363i	−0.8006+0.3964i	2.5534−0.7330i	−3.1319+1.3733i	2.2864−0.0001i
79.9	−1.6951+1.1448i	0.4382−0.3357i	2.6048+1.6770i	−0.6993+0.3240i	−0.8374+0.4828i	2.9330−0.7169i	−3.1003+1.6495i	2.1828−0.2447i
80.0	−1.5180+1.1996i	0.3836−0.3246i	2.4675+1.6004i	−0.6376+0.3826i	−0.7789+0.5068i	2.8739−0.9269i	−2.8483+1.8351i	2.0420−0.3498i

2.1.114 Run 11 – IP000NVP – Accels 41–47

In-plane shaking at 0° with no vertical shake plate. Accelerometers 41–47.

f (Hz)	acc41 ($g/lb \times 10^{-3}$)	acc42 ($g/lb \times 10^{-3}$)	acc43 ($g/lb \times 10^{-3}$)	acc44 ($g/lb \times 10^{-3}$)	acc45 ($g/lb \times 10^{-3}$)	acc46 ($g/lb \times 10^{-3}$)	acc47 ($g/lb \times 10^{-3}$)
0.0	34.5573+0.0000i	20.9530+0.0000i	-10.6301+0.0000i	13.4137+0.0000i	16.9992+0.0000i	21.2356+0.0000i	16.9982+0.0000i
0.1	33.8450+0.7276i	20.3926+0.3632i	-10.2259+0.3992i	13.8240-0.8728i	17.6439-1.1036i	20.8093-0.8976i	17.0782+3.2883i
0.2	-1.7193-1.5829i	-1.4436+0.8255i	-1.9222-3.2527i	0.7061-6.9402i	-0.0516-2.4069i	-5.8573-5.9828i	0.7539-4.6771i
0.3	-0.0950-1.0377i	0.2736+0.8631i	-1.5590-1.1999i	-1.4736-2.6734i	-0.0784-0.3544i	-2.0908+2.2845i	-0.4997+3.4545i
0.4	0.7091-1.4093i	-0.1738+0.3512i	0.4110-0.2320i	-0.1810+0.4115i	-0.4103-0.1832i	-0.4932+2.5786i	-0.0105-0.5978i
0.5	-0.5066-0.4514i	-0.3897-0.0492i	-0.2708-0.8388i	-0.7860+0.7102i	-0.3860-0.0808i	0.4778+1.5523i	-0.8585+0.2104i
0.6	-0.4765-0.0364i	-0.0429+0.0604i	0.0407+0.0909i	-0.1868+0.3227i	-0.3633+0.1469i	0.3778+0.0343i	-0.2024-0.1804i
0.7	-0.0833-0.0114i	0.0202-0.0366i	0.0126+0.0602i	-0.0433+0.0926i	-0.0075+0.0571i	0.1089+0.0263i	-0.0549-0.0369i
0.8	-0.0896-0.0271i	0.0121+0.0139i	-0.0304+0.0170i	-0.0464-0.0063i	0.0446+0.0089i	-0.0336+0.0162i	-0.0322-0.0200i
0.9	-0.0911-0.0173i	0.0107+0.0219i	-0.0437+0.0142i	-0.0858-0.0154i	0.0170+0.0011i	-0.0468-0.0036i	0.0071-0.0109i
1.0	-0.1140-0.0224i	0.0011+0.0007i	-0.0504+0.0107i	-0.1405-0.0001i	-0.0160+0.0213i	-0.0284-0.0115i	0.0084-0.0489i
1.1	-0.1243-0.0038i	-0.0076-0.0005i	-0.0494+0.0051i	-0.1581-0.0175i	-0.0106+0.0160i	-0.0107-0.0061i	-0.0220-0.0342i
1.2	-0.1416-0.0200i	0.0093+0.0042i	-0.0311-0.0042i	-0.1904-0.0181i	0.0094+0.0006i	-0.0306-0.0004i	-0.0745+0.0126i
1.3	-0.1863-0.0492i	-0.0040-0.0129i	-0.0317-0.0035i	-0.2114-0.0065i	-0.0031-0.0153i	-0.0387-0.0065i	-0.0547+0.0490i
1.4	-0.3207-0.0439i	-0.0873+0.0102i	-0.0551-0.0062i	-0.2328-0.0311i	-0.0755+0.0203i	-0.0452-0.0140i	0.0347+0.0191i
1.5	-0.3636+0.0435i	-0.0214+0.1585i	-0.0572-0.0020i	-0.3272-0.0754i	-0.0069+0.1484i	-0.0568-0.0032i	-0.0017-0.0368i
1.6	-0.3844-0.0044i	0.1397+0.0854i	-0.0678-0.0063i	-0.4758-0.0747i	0.1389+0.0722i	-0.0752-0.0078i	-0.0380-0.0320i
1.7	-0.5311-0.0458i	0.0975+0.0055i	-0.0839-0.0106i	-0.5958-0.0632i	0.1048+0.0035i	-0.0914-0.0080i	-0.0320-0.0194i
1.8	-0.7492-0.0242i	0.0862-0.0190i	-0.1103-0.0078i	-0.8087-0.0308i	0.1011-0.0195i	-0.1192-0.0051i	-0.0321-0.0278i
1.9	-0.9798+0.0025i	0.0982-0.0535i	-0.1382-0.0048i	-1.0462+0.0069i	0.1191-0.0541i	-0.1501-0.0037i	-0.0329-0.0514i
2.0	-1.3390-0.0449i	0.1379-0.1316i	-0.1797-0.0097i	-1.4185-0.0251i	0.1681-0.1294i	-0.1941-0.0119i	-0.0289-0.1160i
2.1	-1.7326+0.0282i	0.0786-0.2377i	-0.2230-0.0018i	-1.8160+0.0658i	0.1210-0.2350i	-0.2442-0.0055i	-0.1086-0.1951i
2.2	-2.9311+0.3225i	-0.2646-0.2358i	-0.3496+0.0261i	-3.0186+0.3937i	-0.1759-0.2389i	-0.4007+0.0295i	-0.4728-0.1574i
2.3	-2.8778+3.3843i	-0.2509+0.2125i	-0.3520+0.3481i	-2.8975+3.5106i	-0.1627+0.0996i	-0.3890+0.4069i	-0.4368+0.4515i
2.4	3.7936+1.7687i	0.1143-0.0271i	0.3390+0.1913i	3.9034+1.7656i	-0.0017-0.0725i	0.4088+0.2110i	0.3766+0.1193i
2.5	2.6166+0.7675i	0.0552-0.0277i	0.2141+0.0828i	2.6789+0.7548i	-0.0302-0.0461i	0.2626+0.0875i	0.2294+0.0368i
2.6	1.9649+0.3949i	0.0307-0.0191i	0.1394+0.0423i	2.0061+0.3817i	-0.0338-0.0300i	0.1788+0.0402i	0.1565+0.0088i
2.7	1.5480+0.2437i	0.0183-0.0155i	0.0896+0.0251i	1.5771+0.2340i	-0.0317-0.0207i	0.1226+0.0219i	0.1152+0.0038i
2.8	1.3285+0.1924i	0.0143-0.0121i	0.0607+0.0192i	1.3516+0.1844i	-0.0275-0.0163i	0.0906+0.0164i	0.0949+0.0058i
2.9	1.1727+0.1777i	0.0121-0.0088i	0.0379+0.0180i	1.1921+0.1712i	-0.0258-0.0130i	0.0661+0.0132i	0.0812+0.0047i
3.0	1.0594+0.1466i	0.0108-0.0070i	0.0190+0.0143i	1.0758+0.1415i	-0.0245-0.0107i	0.0462+0.0064i	0.0716+0.0033i
3.1	0.9820+0.1151i	0.0100-0.0073i	0.0034+0.0096i	0.9956+0.1119i	-0.0235-0.0088i	0.0302-0.0021i	0.0651+0.0018i
3.2	0.9107+0.1042i	0.0091-0.0074i	-0.0122+0.0087i	0.9236+0.1039i	-0.0220-0.0088i	0.0115-0.0076i	0.0573+0.0019i
3.3	0.8576+0.0950i	0.0072-0.0040i	-0.0251+0.0076i	0.8737+0.0949i	-0.0218-0.0058i	-0.0068-0.0101i	0.0530+0.0038i
3.4	0.7964+0.0896i	0.0063-0.0042i	-0.0429+0.0066i	0.8140+0.0877i	-0.0205-0.0050i	-0.0316-0.0089i	0.0470+0.0025i
3.5	0.7631+0.0886i	0.0064-0.0050i	-0.0550+0.0063i	0.7803+0.0842i	-0.0198-0.0055i	-0.0456-0.0068i	0.0437+0.0015i
3.6	0.7345+0.0846i	0.0078-0.0036i	-0.0672+0.0055i	0.7509+0.0796i	-0.0181-0.0045i	-0.0587-0.0045i	0.0419+0.0021i
3.7	0.7079+0.0800i	0.0077-0.0030i	-0.0807+0.0043i	0.7228+0.0744i	-0.0165-0.0040i	-0.0723-0.0036i	0.0403+0.0031i
3.8	0.6840+0.0752i	0.0076-0.0035i	-0.0960+0.0020i	0.6968+0.0689i	-0.0171-0.0043i	-0.0871-0.0044i	0.0391+0.0028i
3.9	0.6630+0.0737i	0.0090-0.0033i	-0.1116+0.0014i	0.6744+0.0687i	-0.0156-0.0032i	-0.1025-0.0026i	0.0365+0.0024i
4.0	0.6443+0.0716i	0.0090-0.0032i	-0.1261-0.0001i	0.6562+0.0656i	-0.0153-0.0038i	-0.1148-0.0035i	0.0342+0.0028i
4.1	0.6245+0.0747i	0.0107-0.0029i	-0.1449+0.0017i	0.6358+0.0673i	-0.0140-0.0037i	-0.1338-0.0015i	0.0336+0.0030i
4.2	0.6131+0.0752i	0.0118-0.0034i	-0.1585+0.0033i	0.6241+0.0683i	-0.0121-0.0034i	-0.1470-0.0004i	0.0319+0.0028i
4.3	0.5963+0.0778i	0.0130-0.0043i	-0.1806+0.0038i	0.6055+0.0714i	-0.0109-0.0055i	-0.1673+0.0005i	0.0310+0.0015i
4.4	0.5830+0.0852i	0.0114-0.0076i	-0.1993+0.0069i	0.5913+0.0792i	-0.0113-0.0081i	-0.1858+0.0027i	0.0283-0.0002i
4.5	0.5790+0.0840i	0.0071-0.0095i	-0.2141+0.0074i	0.5872+0.0784i	-0.0140-0.0091i	-0.2023+0.0036i	0.0241-0.0029i
4.6	0.5702+0.0878i	0.0072-0.0059i	-0.2383+0.0102i	0.5781+0.0818i	-0.0138-0.0057i	-0.2241+0.0062i	0.0226+0.0010i
4.7	0.5565+0.0917i	0.0091-0.0046i	-0.2619+0.0132i	0.5662+0.0863i	-0.0130-0.0050i	-0.2489+0.0091i	0.0224+0.0035i
4.8	0.5451+0.0916i	0.0114-0.0060i	-0.2909+0.0128i	0.5551+0.0869i	-0.0107-0.0060i	-0.2760+0.0098i	0.0218+0.0026i
4.9	0.5359+0.0981i	0.0113-0.0068i	-0.3158+0.0114i	0.5446+0.0931i	-0.0098-0.0063i	-0.2991+0.0093i	0.0214+0.0038i
5.0	0.5319+0.1047i	0.0112-0.0072i	-0.3465+0.0173i	0.5398+0.0991i	-0.0088-0.0069i	-0.3307+0.0141i	0.0209+0.0047i
5.1	0.5224+0.1136i	0.0133-0.0083i	-0.3808+0.0243i	0.5290+0.1091i	-0.0074-0.0073i	-0.3645+0.0215i	0.0184+0.0063i
5.2	0.5108+0.1222i	0.0129-0.0100i	-0.4224+0.0302i	0.5197+0.1194i	-0.0070-0.0100i	-0.4037+0.0275i	0.0175+0.0057i
5.3	0.5079+0.1350i	0.0131-0.0106i	-0.4557+0.0410i	0.5170+0.1322i	-0.0073-0.0109i	-0.4372+0.0384i	0.0181+0.0065i
5.4	0.5030+0.1528i	0.0148-0.0151i	-0.5030+0.0550i	0.5108+0.1519i	-0.0051-0.0149i	-0.4835+0.0519i	0.0161+0.0035i
5.5	0.5048+0.1685i	0.0131-0.0183i	-0.5447+0.0636i	0.5133+0.1652i	-0.0064-0.0208i	-0.5241+0.0621i	0.0137+0.0020i
5.6	0.5203+0.1801i	0.0108-0.0195i	-0.6040+0.0843i	0.5322+0.1775i	-0.0081-0.0229i	-0.5816+0.0841i	0.0163+0.0030i

5.7	0.5212+0.1873i	0.0118-0.0233i	-0.6470+0.1011i	0.5318+0.1871i	-0.0074-0.0265i	-0.6217+0.0999i	0.0147+0.0012i
5.8	0.5281+0.2140i	0.0090-0.0263i	-0.6974+0.1369i	0.5388+0.2141i	-0.0111-0.0296i	-0.6704+0.1354i	0.0117+0.0008i
5.9	0.5675+0.2289i	0.0025-0.0305i	-0.7303+0.1614i	0.5823+0.2310i	-0.0165-0.0338i	-0.7044+0.1570i	0.0108-0.0027i
6.0	0.5895+0.2344i	-0.0070-0.0314i	-0.7874+0.1840i	0.6057+0.2368i	-0.0270-0.0354i	-0.7619+0.1782i	0.0022-0.0009i
6.1	0.6045+0.2223i	-0.0147-0.0271i	-0.8577+0.2007i	0.6207+0.2242i	-0.0352-0.0311i	-0.8315+0.1969i	-0.0066+0.0027i
6.2	0.6170+0.2115i	-0.0202-0.0218i	-0.9401+0.1976i	0.6338+0.2122i	-0.0418-0.0250i	-0.9125+0.1958i	-0.0116+0.0056i
6.3	0.6224+0.1958i	-0.0221-0.0150i	-1.0636+0.2059i	0.6421+0.1985i	-0.0441-0.0175i	-1.0337+0.2076i	-0.0119+0.0097i
6.4	0.6122+0.1841i	-0.0187-0.0089i	-1.2354+0.2423i	0.6366+0.1867i	-0.0414-0.0116i	-1.2007+0.2452i	-0.0145+0.0161i
6.5	0.6245+0.1932i	-0.0169-0.0083i	-1.4047+0.3195i	0.6557+0.1945i	-0.0406-0.0108i	-1.3667+0.3211i	-0.0135+0.0184i
6.6	0.6436+0.1922i	-0.0165-0.0090i	-1.5939+0.4284i	0.6782+0.1916i	-0.0425-0.0114i	-1.5495+0.4299i	-0.0129+0.0144i
6.7	0.6554+0.1946i	-0.0169-0.0062i	-1.8802+0.5375i	0.6974+0.1885i	-0.0424-0.0085i	-1.8298+0.5410i	-0.0173+0.0165i
6.8	0.6690+0.1951i	-0.0203-0.0025i	-2.1835+0.8325i	0.7202+0.1838i	-0.0453-0.0030i	-2.1275+0.8363i	-0.0224+0.0265i
6.9	0.6850+0.1860i	-0.0247-0.0001i	-2.7522+1.3321i	0.7455+0.1646i	-0.0544+0.0014i	-2.6846+1.3349i	-0.0279+0.0298i
7.0	0.7058+0.1779i	-0.0250+0.0062i	-3.2845+2.2265i	0.7763+0.1353i	-0.0585+0.0079i	-3.1977+2.2213i	-0.0340+0.0396i
7.1	0.7534+0.1477i	-0.0232+0.0230i	-3.0188+4.3865i	0.8143+0.0611i	-0.0572+0.0279i	-2.9145+4.3543i	-0.0317+0.0615i
7.2	0.7509+0.0883i	-0.0050+0.0499i	-0.8583+5.5560i	0.7633-0.0218i	-0.0335+0.0600i	-0.7709+5.4937i	-0.0048+0.0857i
7.3	0.7022+0.0662i	0.0329+0.0308i	1.0406+4.9758i	0.6745-0.0272i	0.0098+0.0431i	1.1064+4.8976i	0.0301+0.0633i
7.4	0.6769+0.0778i	0.0263-0.0183i	2.5540+3.7149i	0.6248+0.0186i	0.0086-0.0089i	2.5841+3.6314i	0.0284+0.0213i
7.5	0.6687+0.0726i	0.0060-0.0144i	2.5669+2.2690i	0.6240+0.0417i	-0.0123-0.0095i	2.5831+2.2070i	0.0086+0.0180i
7.6	0.6580+0.0735i	0.0006-0.0049i	2.0236+1.2444i	0.6245+0.0606i	-0.0205-0.0041i	2.0406+1.2051i	-0.0049+0.0202i
7.7	0.6571+0.0774i	0.0020-0.0020i	1.4906+0.9656i	0.6352+0.0672i	-0.0197-0.0007i	1.5144+0.9368i	-0.0119+0.0200i
7.8	0.6585+0.0919i	0.0007-0.0039i	1.0436+1.0454i	0.6443+0.0808i	-0.0176-0.0016i	1.0768+1.0196i	-0.0159+0.0272i
7.9	0.6577+0.0901i	-0.0023-0.0024i	0.9594+1.1444i	0.6450+0.0761i	-0.0221-0.0029i	0.9995+1.1167i	-0.0226+0.0355i
8.0	0.6605+0.0931i	0.0006+0.0032i	0.9483+1.0445i	0.6520+0.0823i	-0.0209+0.0007i	0.9942+1.0152i	-0.0222+0.0398i
8.1	0.6810+0.0938i	0.0066-0.0033i	0.8243+1.0431i	0.6758+0.0855i	-0.0162-0.0061i	0.8758+1.0165i	-0.0165+0.0385i
8.2	0.6917+0.0909i	0.0058-0.0036i	0.8207+0.9188i	0.6885+0.0836i	-0.0216-0.0083i	0.8793+0.8946i	-0.0149+0.0354i
8.3	0.6855+0.0904i	0.0069-0.0051i	0.6743+0.8104i	0.6877+0.0839i	-0.0243-0.0081i	0.7428+0.7835i	-0.0231+0.0353i
8.4	0.6905+0.0860i	0.0058-0.0071i	0.5380+0.7763i	0.6948+0.0784i	-0.0270-0.0083i	0.6140+0.7465i	-0.0298+0.0350i
8.5	0.7071+0.0822i	0.0033-0.0099i	0.3191+0.7899i	0.7136+0.0688i	-0.0285-0.0107i	0.4067+0.7557i	-0.0423+0.0354i
8.6	0.7164+0.0844i	-0.0007-0.0112i	0.1618+0.8476i	0.7272+0.0666i	-0.0325-0.0134i	0.2612+0.8113i	-0.0550+0.0380i
8.7	0.7137+0.0685i	-0.0030-0.0098i	0.0021+0.9737i	0.7302+0.0479i	-0.0378-0.0078i	0.1204+0.9244i	-0.0693+0.0441i
8.8	0.7212+0.0535i	-0.0050-0.0098i	-0.2237+1.1159i	0.7424+0.0297i	-0.0410-0.0049i	-0.0838+1.0508i	-0.0878+0.0584i
8.9	0.7183+0.0500i	-0.0006-0.0088i	-0.3786+1.3577i	0.7418+0.0184i	-0.0378-0.0019i	-0.2230+1.2690i	-0.0919+0.0781i
9.0	0.7202+0.0433i	0.0008-0.0172i	-0.4114+1.8553i	0.7436-0.0067i	-0.0390-0.0056i	-0.2500+1.7200i	-0.1023+0.0970i
9.1	0.7104+0.0392i	-0.0060-0.0202i	-0.2642+2.0210i	0.7250-0.0158i	-0.0439-0.0098i	-0.1111+1.8684i	-0.1139+0.1063i
9.2	0.7267+0.0455i	-0.0112-0.0220i	-0.6399+2.5656i	0.7431-0.0309i	-0.0553-0.0077i	-0.4442+2.3642i	-0.1512+0.1591i
9.3	0.7458+0.0372i	-0.0241-0.0207i	-0.1438+3.7633i	0.7363-0.0753i	-0.0689+0.0043i	0.0265+3.4393i	-0.1341+0.2602i
9.4	0.7604+0.0097i	-0.0402-0.0113i	1.2618+4.5697i	0.6987-0.1180i	-0.0769+0.0208i	1.3191+4.1403i	-0.0541+0.3457i
9.5	0.7432-0.0224i	-0.0423+0.0120i	2.7981+3.6334i	0.6328-0.1068i	-0.0659+0.0386i	2.6938+3.2536i	0.0624+0.3204i
9.6	0.7232-0.0319i	-0.0328+0.0243i	3.2421+2.4953i	0.6040-0.0688i	-0.0503+0.0460i	3.0707+2.2052i	0.1158+0.2575i
9.7	0.7067-0.0360i	-0.0203+0.0314i	3.1819+1.7523i	0.5913-0.0369i	-0.0375+0.0515i	2.9953+1.5259i	0.1311+0.2161i
9.8	0.6961-0.0386i	-0.0120+0.0345i	2.9829+1.3142i	0.5921-0.0177i	-0.0301+0.0516i	2.8005+1.1299i	0.1335+0.1899i
9.9	0.6844-0.0447i	-0.0011+0.0341i	2.7328+0.9177i	0.5997-0.0016i	-0.0207+0.0504i	2.5574+0.7744i	0.1347+0.1624i
10.0	0.6747-0.0523i	0.0065+0.0287i	2.5506+0.7132i	0.6073+0.0013i	-0.0127+0.0451i	2.3801+0.5948i	0.1363+0.1413i
10.1	0.6627-0.0520i	0.0086+0.0229i	2.3741+0.5755i	0.6173+0.0059i	-0.0101+0.0384i	2.2150+0.4759i	0.1303+0.1168i
10.2	0.6502-0.0404i	0.0122+0.0227i	2.2233+0.4615i	0.6219+0.0161i	-0.0058+0.0390i	2.0726+0.3775i	0.1273+0.1075i
10.3	0.6437-0.0286i	0.0146+0.0202i	2.1090+0.4023i	0.6262+0.0221i	-0.0015+0.0390i	1.9625+0.3256i	0.1145+0.1016i
10.4	0.6368-0.0201i	0.0201+0.0161i	1.9863+0.3277i	0.6309+0.0265i	0.0051+0.0330i	1.8405+0.2701i	0.1083+0.1069i
10.5	0.6364-0.0138i	0.0239+0.0093i	1.9023+0.2715i	0.6387+0.0297i	0.0108+0.0247i	1.7603+0.2290i	0.1169+0.1074i
10.6	0.6340-0.0094i	0.0238+0.0067i	1.8173+0.2404i	0.6399+0.0265i	0.0087+0.0198i	1.6879+0.2102i	0.1209+0.1057i
10.7	0.6367-0.0042i	0.0224+0.0076i	1.7351+0.2207i	0.6448+0.0238i	0.0091+0.0168i	1.6157+0.1993i	0.1221+0.0992i
10.8	0.6360+0.0044i	0.0213+0.0028i	1.6814+0.2077i	0.6449+0.0277i	0.0087+0.0130i	1.5684+0.1920i	0.1212+0.0910i
10.9	0.6368+0.0125i	0.0214-0.0024i	1.6193+0.1867i	0.6526+0.0311i	0.0056+0.0083i	1.5144+0.1767i	0.1213+0.0829i
11.0	0.6365+0.0166i	0.0199-0.0047i	1.5803+0.1765i	0.6541+0.0325i	0.0067+0.0046i	1.4849+0.1663i	0.1244+0.0771i
11.1	0.6428+0.0269i	0.0199-0.0090i	1.5343+0.1588i	0.6555+0.0377i	0.0068-0.0009i	1.4466+0.1516i	0.1280+0.0692i
11.2	0.6465+0.0278i	0.0190-0.0130i	1.5016+0.1547i	0.6583+0.0356i	0.0024-0.0044i	1.4180+0.1505i	0.1230+0.0690i
11.3	0.6545+0.0282i	0.0151-0.0179i	1.4602+0.1377i	0.6648+0.0381i	-0.0020-0.0117i	1.3842+0.1366i	0.1234+0.0603i
11.4	0.6562+0.0337i	0.0106-0.0218i	1.4279+0.1281i	0.6667+0.0415i	-0.0046-0.0155i	1.3588+0.1256i	0.1224+0.0576i
11.5	0.6574+0.0351i	0.0070-0.0236i	1.4045+0.1247i	0.6713+0.0389i	-0.0093-0.0176i	1.3394+0.1242i	0.1242+0.0614i
11.6	0.6607+0.0359i	-0.0004-0.0242i	1.3756+0.1188i	0.6758+0.0398i	-0.0174-0.0205i	1.3177+0.1191i	0.1299+0.0553i
11.7	0.6668+0.0357i	-0.0077-0.0210i	1.3498+0.1153i	0.6804+0.0394i	-0.0267-0.0172i	1.2991+0.1133i	0.1304+0.0468i
11.8	0.6725+0.0361i	-0.0113-0.0159i	1.3253+0.1135i	0.6853+0.0373i	-0.0319-0.0134i	1.2770+0.1073i	0.1274+0.0370i
11.9	0.6768+0.0404i	-0.0128-0.0093i	1.3031+0.1073i	0.6897+0.0403i	-0.0334-0.0053i	1.2557+0.0987i	0.1235+0.0272i

12.0	0.6797+0.0449i	-0.0143-0.0064i	1.2890+0.1032i	0.6947+0.0470i	-0.0357-0.0026i	1.2436+0.0926i	0.1193+0.0238i
12.1	0.6768+0.0464i	-0.0136+0.0012i	1.2750+0.0993i	0.6933+0.0439i	-0.0342+0.0048i	1.2317+0.0882i	0.1137+0.0215i
12.2	0.6796+0.0490i	-0.0099+0.0089i	1.2586+0.0949i	0.6946+0.0427i	-0.0312+0.0096i	1.2163+0.0800i	0.1060+0.0143i
12.3	0.6826+0.0475i	-0.0026+0.0142i	1.2515+0.0879i	0.6961+0.0404i	-0.0245+0.0129i	1.2085+0.0734i	0.1027+0.0150i
12.4	0.6881+0.0481i	0.0020+0.0128i	1.2413+0.0831i	0.7007+0.0397i	-0.0197+0.0130i	1.1973+0.0695i	0.0957+0.0141i
12.5	0.6911+0.0513i	0.0036+0.0076i	1.2258+0.0697i	0.7028+0.0401i	-0.0172+0.0124i	1.1811+0.0584i	0.0874+0.0143i
12.6	0.6896+0.0507i	0.0024+0.0049i	1.2017+0.0597i	0.7022+0.0425i	-0.0173+0.0077i	1.1572+0.0503i	0.0916+0.0199i
12.7	0.6921+0.0543i	0.0025+0.0038i	1.1765+0.0558i	0.7022+0.0455i	-0.0152+0.0048i	1.1379+0.0470i	0.0933+0.0192i
12.8	0.6933+0.0593i	0.0058+0.0061i	1.1570+0.0561i	0.7017+0.0460i	-0.0141+0.0070i	1.1208+0.0461i	0.0931+0.0104i
12.9	0.6918+0.0676i	0.0107+0.0083i	1.1469+0.0622i	0.6979+0.0491i	-0.0111+0.0082i	1.1153+0.0542i	0.0935+0.0028i
13.0	0.6943+0.0777i	0.0181+0.0083i	1.1341+0.0574i	0.6960+0.0613i	-0.0076+0.0045i	1.1054+0.0482i	0.0896-0.0020i
13.1	0.7067+0.0865i	0.0238+0.0023i	1.1077+0.0662i	0.7022+0.0743i	-0.0026-0.0007i	1.0853+0.0520i	0.0765-0.0024i
13.2	0.7123+0.0922i	0.0273-0.0059i	1.1027+0.0663i	0.7041+0.0836i	0.0013-0.0090i	1.0804+0.0453i	0.0677-0.0059i
13.3	0.7207+0.0954i	0.0306-0.0159i	1.0906+0.0752i	0.7140+0.0975i	0.0006-0.0224i	1.0631+0.0431i	0.0586-0.0017i
13.4	0.7278+0.1026i	0.0309-0.0282i	1.0854+0.0780i	0.7231+0.1152i	-0.0025-0.0334i	1.0460+0.0367i	0.0482-0.0045i
13.5	0.7367+0.1057i	0.0274-0.0342i	1.0798+0.0821i	0.7366+0.1188i	-0.0094-0.0365i	1.0301+0.0427i	0.0324-0.0000i
13.6	0.7491+0.1101i	0.0131-0.0382i	1.0754+0.0941i	0.7571+0.1221i	-0.0229-0.0382i	1.0138+0.0603i	0.0195+0.0078i
13.7	0.7610+0.1112i	0.0049-0.0338i	1.0754+0.0961i	0.7744+0.1208i	-0.0321-0.0315i	1.0060+0.0721i	0.0131+0.0189i
13.8	0.7665+0.1142i	-0.0004-0.0310i	1.0687+0.0930i	0.7885+0.1199i	-0.0395-0.0290i	0.9954+0.0809i	0.0107+0.0291i
13.9	0.7728+0.1108i	0.0024-0.0330i	1.0688+0.0861i	0.7972+0.1139i	-0.0366-0.0272i	0.9870+0.0878i	0.0036+0.0443i
14.0	0.7831+0.1131i	0.0043-0.0310i	1.0625+0.0833i	0.8038+0.1121i	-0.0372-0.0248i	0.9847+0.0950i	-0.0046+0.0594i
14.1	0.7884+0.1257i	0.0039-0.0374i	1.0530+0.0820i	0.8100+0.1242i	-0.0378-0.0345i	0.9778+0.1066i	-0.0090+0.0789i
14.2	0.8010+0.1395i	-0.0061-0.0556i	1.0375+0.0731i	0.8242+0.1397i	-0.0462-0.0490i	0.9698+0.1159i	0.0072+0.1077i
14.3	0.8176+0.1339i	-0.0211-0.0633i	1.0106+0.0648i	0.8514+0.1367i	-0.0621-0.0548i	0.9551+0.1166i	0.0307+0.1275i
14.4	0.8323+0.1248i	-0.0391-0.0529i	1.0022+0.0749i	0.8699+0.1201i	-0.0787-0.0469i	0.9589+0.1330i	0.0557+0.1266i
14.5	0.8415+0.1170i	-0.0477-0.0394i	1.0059+0.0841i	0.8804+0.1052i	-0.0899-0.0302i	0.9679+0.1460i	0.0614+0.1219i
14.6	0.8478+0.1091i	-0.0499-0.0337i	0.9963+0.0879i	0.8860+0.0943i	-0.0908-0.0229i	0.9663+0.1585i	0.0632+0.1265i
14.7	0.8494+0.1038i	-0.0476-0.0304i	0.9885+0.0735i	0.8826+0.0848i	-0.0894-0.0192i	0.9723+0.1636i	0.0727+0.1508i
14.8	0.8546+0.1012i	-0.0546-0.0246i	0.9627+0.0672i	0.8880+0.0786i	-0.0954-0.0139i	0.9689+0.1726i	0.0930+0.1659i
14.9	0.8546+0.1012i	-0.0604-0.0194i	0.9371+0.0789i	0.8896+0.0740i	-0.1008-0.0072i	0.9770+0.1816i	0.1291+0.1551i
15.0	0.8543+0.1049i	-0.0705-0.0107i	0.8979+0.1146i	0.8870+0.0726i	-0.1107+0.0069i	0.9773+0.1996i	0.1762+0.1322i
15.1	0.8537+0.1091i	-0.0747+0.0007i	0.8654+0.1595i	0.8832+0.0761i	-0.1143+0.0188i	0.9730+0.2108i	0.2030+0.0923i
15.2	0.8543+0.1126i	-0.0719+0.0186i	0.8587+0.2000i	0.8808+0.0771i	-0.1122+0.0310i	0.9730+0.2203i	0.2034+0.0570i
15.3	0.8573+0.1173i	-0.0617+0.0270i	0.8802+0.2452i	0.8791+0.0749i	-0.1026+0.0409i	0.9883+0.2418i	0.1876+0.0342i
15.4	0.8559+0.1275i	-0.0573+0.0323i	0.8981+0.2847i	0.8776+0.0820i	-0.0955+0.0469i	0.9955+0.2620i	0.1766+0.0096i
15.5	0.8611+0.1331i	-0.0535+0.0445i	0.9103+0.3019i	0.8853+0.0852i	-0.0917+0.0549i	1.0061+0.2713i	0.1677+0.0063i
15.6	0.8681+0.1364i	-0.0432+0.0552i	0.9361+0.3325i	0.8860+0.0864i	-0.0812+0.0653i	1.0275+0.2901i	0.1594+0.0019i
15.7	0.8734+0.1441i	-0.0303+0.0596i	0.9522+0.3560i	0.8852+0.0926i	-0.0696+0.0707i	1.0416+0.3038i	0.1546-0.0039i
15.8	0.8787+0.1542i	-0.0250+0.0664i	0.9613+0.3627i	0.8875+0.1002i	-0.0686+0.0751i	1.0449+0.3050i	0.1465-0.0032i
15.9	0.8824+0.1684i	-0.0133+0.0594i	1.0006+0.3746i	0.8847+0.1113i	-0.0555+0.0711i	1.0867+0.3233i	0.1540+0.0040i
16.0	0.8862+0.1860i	0.0058+0.0529i	1.0289+0.3949i	0.8826+0.1303i	-0.0344+0.0686i	1.1180+0.3361i	0.1611-0.0074i
16.1	0.8986+0.1955i	0.0193+0.0538i	1.0636+0.3981i	0.8899+0.1442i	-0.0189+0.0698i	1.1499+0.3244i	0.1621-0.0254i
16.2	0.9129+0.2006i	0.0312+0.0439i	1.1059+0.3942i	0.9054+0.1551i	-0.0097+0.0569i	1.1849+0.3122i	0.1596-0.0394i
16.3	0.9218+0.2074i	0.0363+0.0379i	1.1180+0.3928i	0.9154+0.1616i	-0.0046+0.0513i	1.2031+0.2887i	0.1600-0.0715i
16.4	0.9290+0.2124i	0.0540+0.0201i	1.1378+0.4027i	0.9148+0.1703i	0.0152+0.0354i	1.2076+0.2782i	0.1367-0.0998i
16.5	0.9305+0.2198i	0.0576-0.0078i	1.1694+0.3970i	0.9131+0.1825i	0.0187+0.0080i	1.2158+0.2551i	0.0977-0.1210i
16.6	0.9291+0.2388i	0.0436-0.0251i	1.1911+0.3803i	0.9148+0.2064i	0.0044-0.0118i	1.1859+0.2333i	0.0273-0.1258i
16.7	0.9302+0.2675i	0.0401-0.0497i	1.2055+0.3712i	0.9213+0.2415i	0.0038-0.0338i	1.1520+0.2699i	-0.0362-0.0683i
16.8	0.9525+0.2898i	0.0164-0.0838i	1.2092+0.3542i	0.9468+0.2641i	-0.0219-0.0631i	1.1931+0.3309i	0.0186+0.0280i
16.9	0.9602+0.3050i	-0.0075-0.0947i	1.2004+0.3772i	0.9551+0.2744i	-0.0450-0.0732i	1.2234+0.3337i	0.0633-0.0060i
17.0	0.9643+0.3380i	-0.0269-0.0794i	1.1838+0.4094i	0.9609+0.3048i	-0.0605-0.0625i	1.2108+0.3203i	0.0465-0.0572i
17.1	0.9815+0.3889i	-0.0375-0.0612i	1.2173+0.4530i	0.9796+0.3544i	-0.0735-0.0487i	1.2068+0.3521i	-0.0207-0.0461i
17.2	1.0173+0.4229i	-0.0625-0.0786i	1.2555+0.3903i	1.0147+0.3954i	-0.0973-0.0679i	1.2500+0.3930i	-0.0154+0.0925i
17.3	1.0348+0.4574i	-0.0858-0.0677i	1.2143+0.3863i	1.0317+0.4299i	-0.1171-0.0604i	1.2789+0.3950i	0.0605+0.1062i
17.4	1.0840+0.5137i	-0.1030-0.0345i	1.2193+0.4791i	1.0832+0.4805i	-0.1382-0.0309i	1.3332+0.3914i	0.1322+0.0064i
17.5	1.1508+0.5472i	-0.0997-0.0166i	1.2901+0.5139i	1.1517+0.5123i	-0.1387-0.0167i	1.3720+0.4000i	0.0945-0.0172i
17.6	1.2254+0.5723i	-0.1045-0.0023i	1.3361+0.5080i	1.2242+0.5409i	-0.1464-0.0077i	1.4089+0.4106i	0.0822+0.0201i
17.7	1.2916+0.5842i	-0.1123+0.0040i	1.3672+0.5045i	1.2918+0.5541i	-0.1574-0.0055i	1.4517+0.4174i	0.1027+0.0405i
17.8	1.3757+0.5774i	-0.1165+0.0210i	1.4206+0.5169i	1.3780+0.5443i	-0.1642+0.0096i	1.5112+0.4127i	0.1204+0.0284i
17.9	1.4505+0.5736i	-0.1159+0.0282i	1.4766+0.5299i	1.4523+0.5382i	-0.1670+0.0167i	1.5557+0.4086i	0.1092+0.0137i
18.0	1.5132+0.5676i	-0.1297+0.0247i	1.5056+0.5078i	1.5188+0.5361i	-0.1809+0.0134i	1.6106+0.4013i	0.1647+0.0306i
18.1	1.5632+0.5328i	-0.1455+0.0480i	1.5032+0.5015i	1.5745+0.5006i	-0.2023+0.0348i	1.6493+0.3733i	0.2297+0.0015i
18.2	1.6070+0.5032i	-0.1520+0.0785i	1.5401+0.5223i	1.6208+0.4660i	-0.2145+0.0672i	1.7091+0.3394i	0.2582-0.0711i

18.3	1.6558+0.4744i	-0.1425+0.1132i	1.5988+0.5652i	1.6669+0.4266i	-0.2099+0.1019i	1.7400+0.3150i	0.2189-0.1710i
18.4	1.7113+0.4343i	-0.1141+0.1483i	1.7194+0.5911i	1.7187+0.3771i	-0.1888+0.1402i	1.7913+0.2764i	0.1252-0.2718i
18.5	1.7515+0.3979i	-0.0828+0.1640i	1.8823+0.5773i	1.7558+0.3322i	-0.1641+0.1553i	1.8883+0.2292i	0.0393-0.3332i
18.6	1.7734+0.3286i	-0.0176+0.1291i	2.0506+0.3428i	1.7646+0.2714i	-0.1091+0.1282i	1.9197+0.0843i	-0.1863-0.2110i
18.7	1.7488+0.3048i	-0.0300+0.0823i	1.9163+0.1736i	1.7433+0.2555i	-0.1158+0.0911i	1.8362+0.0278i	-0.1338-0.0090i
18.8	1.7387+0.3198i	-0.0577+0.0775i	1.8041+0.1903i	1.7418+0.2659i	-0.1418+0.0884i	1.7960+0.0399i	-0.0290+0.0202i
18.9	1.7788+0.3249i	-0.0737+0.0928i	1.8111+0.2348i	1.7816+0.2629i	-0.1610+0.1054i	1.8132+0.0653i	0.0124+0.0036i
19.0	1.8060+0.3271i	-0.0659+0.1089i	1.8509+0.2612i	1.8132+0.2619i	-0.1549+0.1242i	1.8459+0.0795i	0.0121-0.0104i
19.1	1.8302+0.3281i	-0.0672+0.1141i	1.8891+0.2561i	1.8355+0.2567i	-0.1525+0.1318i	1.8869+0.0626i	0.0340-0.0216i
19.2	1.8628+0.3227i	-0.0619+0.1237i	1.9214+0.2425i	1.8590+0.2437i	-0.1443+0.1412i	1.9174+0.0305i	0.0586-0.0511i
19.3	1.8932+0.3210i	-0.0664+0.1300i	1.9374+0.2208i	1.8868+0.2363i	-0.1501+0.1527i	1.9441+0.0063i	0.0910-0.0582i
19.4	1.9375+0.3031i	-0.0877+0.1434i	1.9615+0.2131i	1.9212+0.2177i	-0.1720+0.1670i	1.9890-0.0178i	0.1397-0.1055i
19.5	1.9649+0.3010i	-0.0880+0.1765i	1.9945+0.2315i	1.9411+0.2112i	-0.1704+0.1942i	2.0334-0.0496i	0.1650-0.2110i
19.6	1.9920+0.2978i	-0.0762+0.2185i	2.0491+0.2404i	1.9624+0.2060i	-0.1591+0.2330i	2.0777-0.1035i	0.1471-0.3303i
19.7	2.0404+0.3112i	-0.0561+0.2666i	2.1363+0.2417i	2.0061+0.2144i	-0.1429+0.2801i	2.1200-0.1535i	0.0711-0.4336i
19.8	2.0996+0.3154i	-0.0161+0.2962i	2.2350+0.2125i	2.0523+0.2164i	-0.1099+0.3045i	2.1532-0.2161i	-0.0584-0.4931i
19.9	2.1416+0.2932i	0.0521+0.3011i	2.3091+0.1302i	2.0834+0.1971i	-0.0525+0.3114i	2.1477-0.2973i	-0.2012-0.4811i
20.0	2.1701+0.2767i	0.1248+0.2995i	2.3931+0.0567i	2.1023+0.1848i	0.0109+0.3136i	2.1450-0.3575i	-0.3537-0.4589i
20.1	2.1822+0.2730i	0.1579+0.2571i	2.4336-0.0514i	2.1140+0.1913i	0.0379+0.2763i	2.1345-0.4073i	-0.4509-0.3396i
20.2	2.2098+0.2834i	0.1619+0.2157i	2.4489-0.1515i	2.1383+0.2095i	0.0442+0.2388i	2.1463-0.4377i	-0.4548-0.1912i
20.3	2.2482+0.3085i	0.1577+0.1736i	2.4873-0.2355i	2.1749+0.2422i	0.0394+0.2038i	2.1945-0.4718i	-0.4456-0.0903i
20.4	2.2838+0.3154i	0.1611+0.1661i	2.5284-0.3092i	2.2106+0.2525i	0.0377+0.2036i	2.2403-0.5312i	-0.4568-0.0592i
20.5	2.3293+0.3368i	0.1712+0.1647i	2.5581-0.4054i	2.2542+0.2791i	0.0441+0.2056i	2.2643-0.6097i	-0.4540-0.0171i
20.6	2.3822+0.3703i	0.1589+0.1378i	2.5672-0.5315i	2.3095+0.3188i	0.0304+0.1867i	2.2905-0.7156i	-0.4179+0.0373i
20.7	2.4541+0.4038i	0.1475+0.1542i	2.5166-0.6656i	2.3854+0.3552i	0.0222+0.2071i	2.2599-0.8467i	-0.3681+0.0400i
20.8	2.5395+0.4144i	0.1921+0.1961i	2.4653-0.7497i	2.4742+0.3611i	0.0664+0.2474i	2.2134-0.9563i	-0.3918-0.0195i
20.9	2.6838+0.4621i	0.2919+0.1987i	2.4334-0.8208i	2.6131+0.4093i	0.1637+0.2578i	2.1173-1.0549i	-0.5089-0.0248i
21.0	2.7751+0.4748i	0.3173+0.1270i	2.3883-0.9089i	2.7021+0.4298i	0.1859+0.1966i	2.0460-1.1191i	-0.5363+0.0749i
21.1	2.9401+0.4697i	0.3084+0.0201i	2.2846-1.0120i	2.8779+0.4252i	0.1767+0.1041i	1.9288-1.1681i	-0.4995+0.2260i
21.2	3.0807+0.4517i	0.2114-0.0154i	2.1693-1.0628i	3.0250+0.4011i	0.0932+0.0696i	1.8419-1.1971i	-0.3519+0.2763i
21.3	3.2158+0.3939i	0.1862-0.0401i	2.0860-1.0857i	3.1625+0.3403i	0.0742+0.0412i	1.7598-1.1921i	-0.2931+0.2954i
21.4	3.3145+0.3329i	0.1461-0.0427i	1.9502-1.0785i	3.2605+0.2747i	0.0381+0.0390i	1.6225-1.1616i	-0.2608+0.2963i
21.5	3.4167+0.2821i	0.1211-0.0815i	1.9140-1.0326i	3.3598+0.2148i	0.0176+0.0042i	1.5813-1.1024i	-0.2670+0.3011i
21.6	3.5387+0.1867i	0.0978+0.0003i	1.8904-0.9888i	3.4774+0.1065i	-0.0037+0.0744i	1.5755-1.0722i	-0.2401+0.1926i
21.7	3.6352+0.0978i	0.0893+0.0160i	1.8429-0.9769i	3.5621+0.0150i	-0.0045+0.0871i	1.5180-1.0718i	-0.2550+0.1369i
21.8	3.7670+0.0127i	0.0982+0.0050i	1.8640-0.9478i	3.6770-0.0683i	-0.0022+0.0758i	1.5091-1.0268i	-0.3229+0.1304i
21.9	3.8271-0.0281i	0.0832+0.0435i	1.8289-0.9101i	3.7305-0.1092i	-0.0196+0.1090i	1.4618-0.9975i	-0.3550+0.0953i
22.0	3.9172-0.1173i	0.0912+0.0340i	1.8323-0.8808i	3.8203-0.2020i	-0.0179+0.0941i	1.4525-0.9423i	-0.4034+0.1153i
22.1	3.9758-0.1701i	0.0859-0.0054i	1.8438-0.8611i	3.8766-0.2471i	-0.0268+0.0606i	1.4672-0.8815i	-0.4234+0.1941i
22.2	4.0910-0.2937i	0.0935+0.0508i	1.8676-0.8934i	3.9799-0.3587i	-0.0292+0.1097i	1.4690-0.8652i	-0.5185+0.2857i
22.3	4.1919-0.3452i	0.1181+0.0393i	1.8859-0.8664i	4.0720-0.4030i	-0.0151+0.1042i	1.4875-0.8259i	-0.5534+0.2915i
22.4	4.2938-0.3719i	0.1264+0.0201i	1.9106-0.8181i	4.1707-0.4329i	-0.0126+0.0855i	1.5025-0.7759i	-0.5869+0.3182i
22.5	4.4164-0.4249i	0.1312+0.0306i	1.9557-0.8050i	4.2885-0.4867i	-0.0142+0.0910i	1.5447-0.7288i	-0.6218+0.4046i
22.6	4.5325-0.4746i	0.1616+0.0056i	1.9709-0.7767i	4.3987-0.5263i	0.0113+0.0675i	1.5813-0.6641i	-0.6082+0.5010i
22.7	4.6636-0.5445i	0.1393+0.0161i	2.0240-0.7856i	4.5249-0.5921i	-0.0155+0.0778i	1.6399-0.6310i	-0.5939+0.6049i
22.8	4.8309-0.6181i	0.1585-0.0001i	2.0816-0.8010i	4.6981-0.6669i	-0.0146+0.0716i	1.7275-0.5968i	-0.5562+0.7293i
22.9	4.9779-0.7527i	0.1467-0.0490i	2.1366-0.8256i	4.8444-0.7994i	-0.0314+0.0339i	1.8388-0.5980i	-0.4316+0.8380i
23.0	5.1412-0.8672i	0.1369-0.0144i	2.1935-0.8550i	4.9990-0.9090i	-0.0551+0.0709i	1.9342-0.6337i	-0.3692+0.8471i
23.1	5.2993-0.9167i	0.1572-0.0253i	2.2136-0.8272i	5.1484-0.9614i	-0.0499+0.0582i	1.9835-0.6397i	-0.3622+0.8076i
23.2	5.5052-1.0565i	0.1300-0.0565i	2.3246-0.8526i	5.3505-1.0905i	-0.0880+0.0395i	2.1110-0.6611i	-0.3036+0.8951i
23.3	5.7030-1.1914i	0.1244-0.0935i	2.4312-0.8820i	5.5464-1.2359i	-0.1046+0.0119i	2.2096-0.7119i	-0.3103+0.8934i
23.4	5.9315-1.3216i	0.0870-0.0792i	2.5530-0.9169i	5.7646-1.3589i	-0.1478+0.0356i	2.3297-0.7712i	-0.2953+0.8728i
23.5	6.1882-1.5376i	0.0764-0.0665i	2.6551-1.0172i	6.0122-1.5665i	-0.1628+0.0633i	2.4505-0.8725i	-0.2252+0.9130i
23.6	6.4622-1.7958i	0.0823-0.1289i	2.7621-1.1169i	6.2807-1.8273i	-0.1816+0.0215i	2.5764-0.9851i	-0.1598+0.9936i
23.7	6.7356-1.9944i	0.0238-0.1237i	2.9103-1.2127i	6.5432-2.0302i	-0.2591+0.0423i	2.6908-1.0892i	-0.1340+1.0078i
23.8	6.9827-2.3633i	-0.0207-0.1070i	3.0291-1.4214i	6.7623-2.3862i	-0.3143+0.0848i	2.7698-1.2660i	-0.1440+1.0453i
23.9	7.2376-2.7589i	-0.1235-0.1161i	3.1599-1.6110i	7.0006-2.7593i	-0.4098+0.0992i	2.8443-1.4553i	-0.1509+1.0564i
24.0	7.5551-3.2032i	-0.2464+0.0372i	3.3167-1.9024i	7.3143-3.2022i	-0.5268+0.2603i	2.9332-1.6355i	-0.1053+1.1741i
24.1	7.7876-3.5920i	-0.2396+0.1218i	3.3542-2.1309i	7.5410-3.5782i	-0.5211+0.3677i	2.9659-1.8341i	-0.0921+1.1630i
24.2	7.9104-4.1455i	-0.1258+0.1293i	3.2830-2.4483i	7.6606-4.1028i	-0.4235+0.4107i	2.9596-2.1086i	-0.0530+1.2186i
24.3	7.9779-4.7764i	-0.0738+0.2030i	3.1764-2.7841i	7.7137-4.7063i	-0.3858+0.5082i	2.8884-2.3874i	0.0063+1.2996i
24.4	8.0783-5.5450i	-0.0953+0.3015i	3.0316-3.1750i	7.8083-5.4525i	-0.4020+0.6380i	2.8049-2.7081i	0.0889+1.3978i
24.5	7.9179-6.3842i	-0.0694+0.3365i	2.7709-3.5217i	7.6583-6.2575i	-0.3534+0.7308i	2.6044-3.0368i	0.1685+1.4532i

24.6	7.8248-7.0250i	0.0062+0.4239i	2.5437-3.8384i	7.5801-6.8657i	-0.2707+0.8465i	2.3875-3.2051i	0.1976+1.6564i
24.7	7.7515-7.8043i	0.0627+0.4368i	2.1621-4.1152i	7.5304-7.6306i	-0.1900+0.8960i	2.1478-3.4145i	0.4414+1.8326i
24.8	7.3651-8.5648i	0.1937+0.4892i	1.6994-4.2675i	7.1639-8.3736i	-0.0384+0.9761i	1.8620-3.5380i	0.7082+1.9213i
24.9	6.9811-9.0077i	0.2800+0.5124i	1.4013-4.2924i	6.7983-8.8097i	0.0685+1.0136i	1.6304-3.5427i	0.8263+1.9754i
25.0	6.3190-9.6215i	0.3641+0.5005i	0.9266-4.2981i	6.1527-9.4299i	0.1972+1.0324i	1.2802-3.5710i	1.1352+1.9850i
25.1	5.6537-10.3727i	0.4652+0.4416i	0.3947-4.2636i	5.4855-10.2061i	0.3455+1.0131i	0.9389-3.6019i	1.5275+1.9651i
25.2	4.8370-10.9222i	0.5324+0.4178i	-0.0952-4.0394i	4.6834-10.7438i	0.4744+1.0134i	0.5759-3.5133i	1.8539+1.7917i
25.3	4.2556-11.0664i	0.5784+0.3691i	-0.4303-3.7929i	4.1103-10.8817i	0.5554+0.9621i	0.3605-3.3674i	2.1584+1.6003i
25.4	3.4465-11.1186i	0.6380+0.3507i	-0.8223-3.2280i	3.3050-10.9298i	0.6740+0.9165i	0.1271-3.0035i	2.5321+1.1975i
25.5	3.0304-11.2510i	0.6594+0.3185i	-0.9466-2.8155i	2.8853-11.0619i	0.7238+0.8694i	0.0646-2.7773i	2.6450+0.8491i
25.6	2.3976-11.4667i	0.7101+0.2243i	-0.9681-2.2990i	2.2582-11.2642i	0.8030+0.7634i	0.0665-2.5206i	2.6601+0.4045i
25.7	1.8196-11.6554i	0.7898+0.1601i	-0.6970-1.7981i	1.6609-11.4446i	0.9104+0.7060i	0.1681-2.3709i	2.4923-0.0958i
25.8	1.2342-11.8908i	0.8789+0.1528i	-0.4379-1.4604i	1.0587-11.6757i	1.0099+0.6904i	0.2418-2.3185i	2.3089-0.3816i
25.9	0.5159-11.7239i	0.9093+0.0597i	-0.0529-1.4115i	0.3405-11.4816i	1.0763+0.5653i	0.3334-2.2314i	2.0639-0.3966i
26.0	0.0297-11.7324i	0.9783-0.0701i	0.2937-1.2924i	-0.1453-11.4649i	1.1591+0.4195i	0.4795-2.1328i	1.9320-0.5107i
26.1	-0.7253-11.6478i	1.0013-0.1776i	0.7177-1.3189i	-0.9038-11.3665i	1.2056+0.2887i	0.6343-2.1779i	1.7210-0.6605i
26.2	-1.2872-11.6359i	1.0398-0.3232i	0.9658-1.5909i	-1.4641-11.3149i	1.2522+0.1366i	0.7790-2.3555i	1.7580-0.6817i
26.3	-1.7963-11.5247i	1.0646-0.5642i	1.2083-1.9902i	-1.9450-11.1413i	1.2837-0.1035i	0.8322-2.5837i	1.6512-0.7838i
26.4	-2.2980-11.1810i	0.9210-0.7270i	1.1957-2.3162i	-2.4165-10.7619i	1.1542-0.2780i	0.7502-2.7479i	1.4849-0.8424i
26.5	-2.9456-11.0327i	0.7253-0.9165i	1.0388-2.7681i	-3.0063-10.5681i	0.9804-0.4698i	0.5521-3.0334i	1.3086-0.9594i
26.6	-3.4457-10.9480i	0.6124-1.0258i	0.8674-3.0560i	-3.4578-10.4625i	0.8861-0.5808i	0.3844-3.2189i	1.2267-1.0845i
26.7	-3.8190-10.6793i	0.4583-0.9800i	0.6523-3.1086i	-3.7860-10.1999i	0.7453-0.5584i	0.2082-3.2465i	1.1677-1.2289i
26.8	-4.1806-10.3700i	0.3145-0.9500i	0.4329-3.1716i	-4.0958-9.9058i	0.6181-0.5446i	-0.0010-3.2133i	0.9779-1.1754i
26.9	-4.7003-9.9706i	0.1449-0.9389i	0.1252-3.2152i	-4.5697-9.5261i	0.4716-0.5497i	-0.2198-3.1334i	0.9106-1.1561i
27.0	-5.0643-9.6795i	0.0658-0.8815i	-0.1037-3.2218i	-4.8931-9.2410i	0.3978-0.4993i	-0.3458-3.0756i	0.8770-1.1536i
27.1	-5.4350-9.3168i	-0.0155-0.7952i	-0.3499-3.1815i	-5.2347-8.8866i	0.3231-0.4256i	-0.5261-3.0073i	0.7063-1.1717i
27.2	-6.0029-8.7941i	-0.1087-0.6833i	-0.7022-3.0755i	-5.7744-8.3885i	0.2510-0.3438i	-0.7729-2.9163i	0.5265-1.1770i
27.3	-6.3632-8.4173i	-0.1552-0.6122i	-0.8945-2.9756i	-6.0958-8.0329i	0.2256-0.2922i	-0.9198-2.8449i	0.3976-1.1677i
27.4	-6.5425-7.8583i	-0.1300-0.4850i	-1.0505-2.6866i	-6.2503-7.5035i	0.2561-0.1934i	-1.0561-2.6856i	0.2473-1.2026i
27.5	-6.6806-7.4482i	-0.1293-0.4188i	-1.1367-2.4966i	-6.3580-7.1025i	0.2606-0.1566i	-1.1402-2.5499i	0.1703-1.1516i
27.6	-6.8234-7.0166i	-0.0950-0.3814i	-1.2080-2.3456i	-6.4616-6.6867i	0.2870-0.1379i	-1.2354-2.3920i	0.0427-1.0157i
27.7	-6.9648-6.6703i	-0.0739-0.3366i	-1.2787-2.1813i	-6.5780-6.3637i	0.3107-0.1087i	-1.2864-2.2831i	0.0008-1.0287i
27.8	-7.0764-6.3083i	-0.0722-0.3066i	-1.3486-2.0183i	-6.6609-6.0251i	0.3229-0.0888i	-1.3330-2.1661i	-0.0370-0.9882i
27.9	-7.1289-5.7432i	-0.0181-0.2814i	-1.3663-1.7899i	-6.6754-5.5038i	0.3732-0.0851i	-1.3831-1.9799i	-0.1105-0.8684i
28.0	-7.1327-5.3603i	0.0359-0.2648i	-1.3349-1.6224i	-6.6518-5.1568i	0.4232-0.0906i	-1.4255-1.8448i	-0.1811-0.8046i
28.1	-7.1795-5.0464i	0.0868-0.2739i	-1.3064-1.4452i	-6.6728-4.8807i	0.4694-0.1218i	-1.4452-1.6855i	-0.2349-0.7861i
28.2	-7.2062-4.6076i	0.1160-0.2880i	-1.2189-1.2786i	-6.6608-4.4943i	0.4859-0.1532i	-1.3845-1.5152i	-0.2750-0.6608i
28.3	-7.1754-4.2771i	0.1438-0.2856i	-1.1421-1.1942i	-6.6074-4.1985i	0.5102-0.1584i	-1.3505-1.4332i	-0.2726-0.5759i
28.4	-7.0477-3.9382i	0.1720-0.3149i	-1.0621-1.1021i	-6.4567-3.9179i	0.5334-0.1975i	-1.3359-1.3149i	-0.2779-0.5183i
28.5	-6.9205-3.6454i	0.2204-0.3675i	-0.9731-1.0469i	-6.3057-3.7068i	0.5702-0.2618i	-1.2932-1.2227i	-0.2763-0.4721i
28.6	-6.8348-3.4174i	0.2544-0.4265i	-0.8931-1.0034i	-6.2034-3.5615i	0.6000-0.3245i	-1.2539-1.1478i	-0.2658-0.4359i
28.7	-6.8175-3.1786i	0.2614-0.5075i	-0.8199-0.9780i	-6.1802-3.4332i	0.6069-0.4106i	-1.2073-1.0858i	-0.2355-0.4237i
28.8	-6.7689-2.9175i	0.2508-0.5958i	-0.7436-0.9543i	-6.1574-3.3002i	0.5924-0.5078i	-1.1723-0.9971i	-0.2542-0.4097i
28.9	-6.6405-2.6967i	0.2052-0.6619i	-0.6869-0.9304i	-6.1136-3.1711i	0.5348-0.5826i	-1.1202-0.9112i	-0.2879-0.3926i
29.0	-6.5271-2.4797i	0.1267-0.7137i	-0.6450-0.9230i	-6.1110-3.0168i	0.4499-0.6418i	-1.0513-0.8408i	-0.3001-0.3570i
29.1	-6.4273-2.2369i	0.0148-0.7395i	-0.6089-0.9351i	-6.1414-2.8148i	0.3346-0.6747i	-0.9689-0.7919i	-0.2906-0.3100i
29.2	-6.3529-2.0167i	-0.0606-0.7639i	-0.5461-0.9316i	-6.1853-2.6092i	0.2546-0.7020i	-0.9115-0.7353i	-0.3554-0.2564i
29.3	-6.1847-1.8395i	-0.1263-0.7433i	-0.5120-0.9609i	-6.1129-2.3811i	0.1842-0.6815i	-0.8301-0.7084i	-0.3622-0.1658i
29.4	-6.0977-1.6555i	-0.2185-0.7188i	-0.5141-0.9850i	-6.1084-2.1560i	0.0923-0.6615i	-0.7893-0.7059i	-0.3481-0.1172i
29.5	-6.0164-1.4789i	-0.2734-0.6808i	-0.5146-0.9674i	-6.0738-1.9440i	0.0387-0.6325i	-0.7578-0.7146i	-0.3195-0.1231i
29.6	-5.8486-1.3663i	-0.3007-0.6221i	-0.4781-0.9440i	-5.9410-1.7780i	0.0065-0.5804i	-0.6921-0.6971i	-0.2884-0.1028i
29.7	-5.7045-1.2333i	-0.3400-0.5830i	-0.4739-0.9852i	-5.8263-1.5884i	-0.0349-0.5432i	-0.6598-0.6817i	-0.2825-0.0222i
29.8	-5.6091-1.1187i	-0.3626-0.5581i	-0.4665-1.0378i	-5.7538-1.4457i	-0.0602-0.5237i	-0.6305-0.7076i	-0.2940-0.0131i
29.9	-5.5307-0.9985i	-0.3644-0.5205i	-0.4555-1.0446i	-5.6825-1.3004i	-0.0667-0.4946i	-0.5861-0.7102i	-0.2792-0.0296i
30.0	-5.3528-0.8785i	-0.3643-0.4814i	-0.4986-1.0411i	-5.5101-1.1446i	-0.0732-0.4634i	-0.5609-0.7197i	-0.2731-0.0161i
30.1	-5.2084-0.7629i	-0.3767-0.4426i	-0.5592-1.0447i	-5.3750-0.9937i	-0.0921-0.4322i	-0.5560-0.7172i	-0.2670+0.0299i
30.2	-5.0413-0.6592i	-0.3927-0.4133i	-0.6175-1.0235i	-5.2205-0.8560i	-0.1147-0.4086i	-0.5432-0.7391i	-0.2549+0.0495i
30.3	-4.9103-0.6095i	-0.3868-0.3834i	-0.6321-0.9746i	-5.0939-0.7813i	-0.1169-0.3826i	-0.5325-0.7473i	-0.2480+0.0575i
30.4	-4.7999-0.5879i	-0.3862-0.3642i	-0.6411-0.9389i	-4.9762-0.7348i	-0.1203-0.3646i	-0.5436-0.7592i	-0.2332+0.0877i
30.5	-4.7083-0.5393i	-0.3953-0.3400i	-0.6682-0.9099i	-4.8788-0.6702i	-0.1335-0.3456i	-0.5855-0.7599i	-0.2258+0.0867i
30.6	-4.6018-0.4445i	-0.4045-0.3103i	-0.7130-0.8756i	-4.7752-0.5536i	-0.1519-0.3211i	-0.6393-0.7334i	-0.2180+0.0998i
30.7	-4.4809-0.4036i	-0.3994-0.2921i	-0.7171-0.8182i	-4.6602-0.5033i	-0.1553-0.3036i	-0.6574-0.6997i	-0.2370+0.1088i
30.8	-4.3645-0.3791i	-0.4068-0.2676i	-0.7314-0.7805i	-4.5528-0.4533i	-0.1690-0.2788i	-0.6812-0.6645i	-0.2578+0.1401i

30.9	-4.2602-0.3626i	-0.4028-0.2417i	-0.7467-0.7457i	-4.4464-0.4078i	-0.1690-0.2518i	-0.6897-0.6140i	-0.2504+0.1876i
31.0	-4.1511-0.3354i	-0.3827-0.2261i	-0.7471-0.6844i	-4.3374-0.3595i	-0.1592-0.2341i	-0.6828-0.5690i	-0.2645+0.2133i
31.1	-4.0269-0.3193i	-0.3753-0.2021i	-0.7280-0.6236i	-4.2095-0.3174i	-0.1605-0.2097i	-0.6636-0.5111i	-0.2688+0.2590i
31.2	-3.8899-0.3164i	-0.3666-0.1715i	-0.7202-0.5480i	-4.0591-0.2896i	-0.1615-0.1746i	-0.6467-0.4588i	-0.2450+0.2811i
31.3	-3.8225-0.3429i	-0.3568-0.1630i	-0.6971-0.4977i	-3.9810-0.3008i	-0.1535-0.1614i	-0.6287-0.4270i	-0.2315+0.3005i
31.4	-3.7563-0.3860i	-0.3368-0.1570i	-0.6495-0.4600i	-3.8955-0.3190i	-0.1336-0.1508i	-0.5755-0.4032i	-0.2093+0.3431i
31.5	-3.6822-0.4246i	-0.3166-0.1512i	-0.6043-0.4277i	-3.8053-0.3516i	-0.1157-0.1397i	-0.5399-0.3805i	-0.2014+0.3593i
31.6	-3.6139-0.4471i	-0.3078-0.1381i	-0.5683-0.3666i	-3.7170-0.3548i	-0.1075-0.1224i	-0.5207-0.3332i	-0.1820+0.3815i
31.7	-3.5543-0.4515i	-0.3016-0.1270i	-0.5457-0.3386i	-3.6324-0.3529i	-0.1011-0.1086i	-0.4951-0.2887i	-0.1534+0.4110i
31.8	-3.4799-0.4822i	-0.2880-0.1149i	-0.5176-0.3254i	-3.5329-0.3732i	-0.0898-0.0941i	-0.4502-0.2519i	-0.1251+0.4454i
31.9	-3.4554-0.5048i	-0.2782-0.1068i	-0.4811-0.3121i	-3.4837-0.3855i	-0.0752-0.0825i	-0.4130-0.2214i	-0.1107+0.4755i
32.0	-3.4115-0.5197i	-0.2676-0.1023i	-0.4510-0.2892i	-3.4256-0.4007i	-0.0616-0.0769i	-0.3721-0.2174i	-0.0959+0.5024i
32.1	-3.3671-0.5021i	-0.2553-0.1081i	-0.4138-0.2592i	-3.3534-0.3917i	-0.0464-0.0832i	-0.3393-0.2015i	-0.0661+0.5137i
32.2	-3.2951-0.5220i	-0.2475-0.0985i	-0.3798-0.2372i	-3.2683-0.4242i	-0.0388-0.0771i	-0.2934-0.1841i	-0.0387+0.5162i
32.3	-3.2392-0.5461i	-0.2304-0.0944i	-0.3498-0.2060i	-3.2046-0.4527i	-0.0234-0.0727i	-0.2604-0.1900i	-0.0296+0.5172i
32.4	-3.1885-0.5537i	-0.2206-0.1070i	-0.3012-0.1768i	-3.1373-0.4672i	-0.0128-0.0855i	-0.2568-0.1901i	-0.0196+0.5229i
32.5	-3.0965-0.5756i	-0.1997-0.1090i	-0.2458-0.1880i	-3.0189-0.5003i	0.0092-0.0892i	-0.2355-0.1790i	0.0078+0.5437i
32.6	-2.9750-0.6169i	-0.1752-0.1003i	-0.1971-0.1759i	-2.8914-0.5535i	0.0285-0.0834i	-0.1981-0.1542i	0.0143+0.5697i
32.7	-2.8527-0.6707i	-0.1651-0.0939i	-0.1605-0.1544i	-2.7683-0.6134i	0.0316-0.0766i	-0.1721-0.1413i	0.0347+0.5660i
32.8	-2.7415-0.7549i	-0.1494-0.0888i	-0.1105-0.1703i	-2.6424-0.6935i	0.0437-0.0669i	-0.1383-0.1183i	0.0788+0.5769i
32.9	-2.5740-0.9178i	-0.1328-0.1064i	-0.0425-0.1799i	-2.4766-0.8585i	0.0525-0.0725i	-0.1146-0.1157i	0.0706+0.5680i
33.0	-2.4254-1.1040i	-0.0982-0.1117i	-0.0056-0.1950i	-2.3072-1.0358i	0.0801-0.0687i	-0.0893-0.0874i	0.0595+0.5846i
33.1	-2.2871-1.3741i	-0.0651-0.1297i	0.0211-0.2326i	-2.1401-1.3110i	0.1074-0.0788i	-0.0352-0.0565i	0.0862+0.6162i
33.2	-2.1053-1.8003i	-0.0396-0.1467i	0.0718-0.2652i	-1.9642-1.7141i	0.1250-0.0735i	0.0352-0.0323i	0.0406+0.6281i
33.3	-2.0574-2.3864i	-0.0241-0.1408i	0.0823-0.3412i	-1.9200-2.2330i	0.1388-0.0345i	0.1333+0.0103i	-0.0337+0.6916i
33.4	-2.1867-3.0565i	0.0182-0.1620i	0.0688-0.3952i	-1.9872-2.8432i	0.1935-0.0197i	0.2565-0.0094i	-0.0327+0.7699i
33.5	-2.6432-3.9056i	0.0785-0.2061i	0.0492-0.4545i	-2.3019-3.6350i	0.2893-0.0170i	0.3653-0.0692i	-0.0407+0.9019i
33.6	-3.4089-4.4862i	0.1270-0.3087i	0.0547-0.4555i	-2.9060-4.2621i	0.3889-0.0970i	0.4167-0.1809i	-0.0476+1.0156i
33.7	-4.4142-4.5952i	0.1539-0.4380i	0.0767-0.4681i	-3.7556-4.5260i	0.4752-0.2378i	0.4012-0.2749i	-0.0129+1.1540i
33.8	-5.7065-4.3569i	0.1290-0.6107i	0.0095-0.5509i	-4.8797-4.5657i	0.5216-0.4450i	0.3719-0.3212i	0.1962+1.3818i
33.9	-6.8030-3.6104i	-0.0325-0.8238i	-0.1378-0.6049i	-6.0392-4.2091i	0.3968-0.7214i	0.3951-0.3355i	0.5491+1.4936i
34.0	-7.0328-2.9172i	-0.1929-0.8335i	-0.2159-0.5680i	-6.4595-3.6332i	0.2374-0.7694i	0.4091-0.3526i	0.7286+1.4298i
34.1	-7.1330-2.0450i	-0.3891-0.7897i	-0.3203-0.4035i	-6.8378-2.8488i	0.0237-0.7605i	0.4339-0.4447i	0.9441+1.2012i
34.2	-7.2716-1.4674i	-0.5647-0.7324i	-0.3406-0.2460i	-7.1989-2.2859i	-0.1545-0.7333i	0.4200-0.5292i	1.0627+1.0223i
34.3	-7.1544-0.9390i	-0.6760-0.6027i	-0.2512-0.0939i	-7.2679-1.6640i	-0.2767-0.6231i	0.3494-0.5788i	1.0351+0.8638i
34.4	-7.0086-0.6092i	-0.6996-0.4956i	-0.1711-0.0335i	-7.1950-1.2241i	-0.3095-0.5239i	0.3044-0.5631i	0.9842+0.8291i
34.5	-6.9366-0.3490i	-0.7044-0.3999i	-0.0754-0.0323i	-7.1627-0.8680i	-0.3159-0.4360i	0.2630-0.5292i	0.9196+0.8228i
34.6	-6.8831-0.1183i	-0.6918-0.3198i	0.0296-0.0310i	-7.1188-0.5483i	-0.3015-0.3684i	0.2223-0.5002i	0.8542+0.8810i
34.7	-6.8125+0.0349i	-0.6673-0.2511i	0.1310-0.0636i	-7.0480-0.3149i	-0.2783-0.3083i	0.2178-0.4628i	0.8226+0.9667i
34.8	-6.8267+0.2248i	-0.6406-0.2119i	0.1824-0.0893i	-7.0366-0.0891i	-0.2506-0.2822i	0.2512-0.4163i	0.8986+1.0883i
34.9	-6.7733+0.3777i	-0.6157-0.1810i	0.2408-0.1304i	-6.9597+0.0893i	-0.2240-0.2589i	0.2666-0.3751i	0.9780+1.2012i
35.0	-6.7045+0.5576i	-0.5785-0.1533i	0.2629-0.2172i	-6.8544+0.2976i	-0.1906-0.2435i	0.3270-0.3290i	1.1374+1.3005i
35.1	-6.6586+0.7440i	-0.5523-0.1275i	0.2643-0.2736i	-6.7841+0.5010i	-0.1686-0.2357i	0.3991-0.2897i	1.3242+1.3722i
35.2	-6.6608+0.9476i	-0.5222-0.1306i	0.2212-0.3033i	-6.7567+0.6865i	-0.1435-0.2541i	0.5021-0.2891i	1.6269+1.3836i
35.3	-6.6511+1.1083i	-0.4958-0.1508i	0.1828-0.3280i	-6.7181+0.8119i	-0.1186-0.2864i	0.5977-0.2934i	1.9318+1.3627i
35.4	-6.6030+1.3067i	-0.4529-0.1735i	0.1527-0.3236i	-6.6432+0.9757i	-0.0850-0.3214i	0.6908-0.3444i	2.2392+1.2211i
35.5	-6.5452+1.5155i	-0.4543-0.2126i	0.1442-0.3039i	-6.5993+1.1393i	-0.0955-0.3677i	0.7510-0.4147i	2.4266+0.9691i
35.6	-6.4597+1.7149i	-0.4642-0.2394i	0.1090-0.3027i	-6.5252+1.3027i	-0.1168-0.4006i	0.8258-0.4767i	2.5555+0.7634i
35.7	-6.3956+1.8943i	-0.4773-0.2657i	0.0415-0.2739i	-6.4705+1.4440i	-0.1368-0.4372i	0.9263-0.5574i	2.7293+0.5347i
35.8	-6.3221+2.0513i	-0.4854-0.3143i	-0.0136-0.1990i	-6.4146+1.5357i	-0.1548-0.4924i	1.0141-0.6692i	2.9338+0.2612i
35.9	-6.1662+2.2312i	-0.5265-0.3557i	0.0227-0.0433i	-6.3186+1.6328i	-0.2106-0.5336i	1.0087-0.8957i	2.9673-0.1940i
36.0	-6.0321+2.3408i	-0.5704-0.3690i	0.0729+0.0587i	-6.2500+1.7073i	-0.2667-0.5465i	0.9590-1.0261i	2.9094-0.4936i
36.1	-5.9351+2.4290i	-0.6129-0.3911i	0.1665+0.1431i	-6.2294+1.7563i	-0.3176-0.5687i	0.8878-1.1363i	2.7968-0.7588i
36.2	-5.7852+2.4665i	-0.7148-0.4120i	0.3371+0.2222i	-6.2203+1.7684i	-0.4237-0.5820i	0.7662-1.2413i	2.5916-1.0692i
36.3	-5.6574+2.5380i	-0.8003-0.3877i	0.4685+0.2198i	-6.2094+1.8754i	-0.5079-0.5537i	0.6583-1.2725i	2.3938-1.2198i
36.4	-5.5970+2.5365i	-0.8762-0.3559i	0.6442+0.1648i	-6.2608+1.9269i	-0.5767-0.5142i	0.5272-1.2607i	2.1718-1.3112i
36.5	-5.5815+2.5283i	-0.9208-0.2788i	0.7252+0.0167i	-6.3023+2.0293i	-0.6148-0.4367i	0.4812-1.1922i	1.9994-1.2862i
36.6	-5.5965+2.5247i	-0.9750-0.2386i	0.7812-0.0625i	-6.3726+2.0971i	-0.6601-0.3923i	0.4493-1.1684i	1.9131-1.3123i
36.7	-5.6646+2.5733i	-1.0273-0.1874i	0.7819-0.1324i	-6.4749+2.2232i	-0.6954-0.3479i	0.4725-1.1486i	1.8732-1.3595i
36.8	-5.7074+2.6364i	-1.0543-0.1373i	0.7890-0.1996i	-6.5434+2.3519i	-0.7141-0.3080i	0.4739-1.1216i	1.8241-1.3976i
36.9	-5.7802+2.7449i	-1.0982-0.0657i	0.8077-0.2648i	-6.6479+2.5379i	-0.7449-0.2513i	0.4880-1.1094i	1.7883-1.4705i
37.0	-5.8160+2.8365i	-1.1251-0.0052i	0.7834-0.2564i	-6.6971+2.6822i	-0.7646-0.2055i	0.5241-1.1328i	1.7437-1.5803i
37.1	-5.9076+2.9076i	-1.1531+0.0594i	0.8090-0.2596i	-6.8008+2.8218i	-0.7835-0.1568i	0.5523-1.1459i	1.6736-1.6147i

37.2	-6.0216+3.0366i	-1.1605+0.1427i	0.8320-0.2972i	-6.9061+3.0361i	-0.7863-0.0918i	0.6128-1.1768i	1.6229-1.6758i
37.3	-6.1152+3.1706i	-1.1699+0.2204i	0.8303-0.3152i	-6.9895+3.2327i	-0.7928-0.0335i	0.6770-1.2112i	1.6140-1.7649i
37.4	-6.2660+3.3798i	-1.1898+0.2961i	0.8556-0.3126i	-7.1432+3.4967i	-0.8069+0.0148i	0.7514-1.2838i	1.5923-1.9351i
37.5	-6.3863+3.7385i	-1.1841+0.3847i	0.9149-0.3263i	-7.2554+3.9190i	-0.8090+0.0718i	0.7817-1.4288i	1.4541-2.1437i
37.6	-6.4693+3.9445i	-1.1794+0.4509i	0.9578-0.2951i	-7.3294+4.1704i	-0.8059+0.1157i	0.7946-1.5488i	1.3707-2.2801i
37.7	-6.5300+4.2677i	-1.1716+0.5483i	1.0583-0.2935i	-7.3918+4.5646i	-0.8075+0.1806i	0.7848-1.7090i	1.1694-2.4554i
37.8	-6.4285+4.5389i	-1.1187+0.6379i	1.1363-0.3087i	-7.2533+4.9072i	-0.7759+0.2491i	0.7137-1.8466i	0.9352-2.5148i
37.9	-6.3631+4.9340i	-1.0717+0.7391i	1.2269-0.3615i	-7.1579+5.3852i	-0.7552+0.3177i	0.6303-2.0038i	0.6567-2.5855i
38.0	-6.4281+5.3734i	-1.0335+0.8564i	1.4093-0.4375i	-7.1959+5.9249i	-0.7358+0.3977i	0.5096-2.1750i	0.3798-2.6513i
38.1	-6.3581+5.7021i	-0.9485+0.9444i	1.5170-0.5529i	-7.0536+6.3382i	-0.6819+0.4651i	0.3732-2.2542i	0.1542-2.5574i
38.2	-6.1392+6.1439i	-0.8218+1.0035i	1.5636-0.7322i	-6.7202+6.8254i	-0.5993+0.5089i	0.1971-2.3083i	-0.0288-2.4675i
38.3	-5.9985+6.4921i	-0.7277+1.0140i	1.6244-0.8634i	-6.4912+7.1765i	-0.5405+0.5175i	0.0635-2.3704i	-0.1583-2.4208i
38.4	-5.8255+6.8739i	-0.6207+1.0228i	1.6804-0.9934i	-6.2233+7.5698i	-0.4744+0.5257i	-0.0714-2.4529i	-0.3016-2.4030i
38.5	-5.6117+7.2083i	-0.5366+1.0102i	1.6943-1.1283i	-5.9304+7.8868i	-0.4195+0.5233i	-0.2066-2.5055i	-0.4342-2.3342i
38.6	-5.3599+7.6957i	-0.4535+1.0298i	1.7391-1.2857i	-5.5991+8.3746i	-0.3663+0.5448i	-0.4060-2.6159i	-0.6249-2.3263i
38.7	-4.9078+8.0883i	-0.3804+0.9944i	1.7430-1.5019i	-5.0899+8.7237i	-0.3236+0.5198i	-0.6563-2.5869i	-0.8179-2.2391i
38.8	-4.5521+8.4182i	-0.3179+0.9547i	1.7846-1.6644i	-4.6826+9.0027i	-0.2814+0.4964i	-0.9442-2.5976i	-0.9948-2.1470i
38.9	-4.0171+8.8121i	-0.2474+0.9271i	1.7830-1.9584i	-4.0974+9.3557i	-0.2370+0.4850i	-1.2584-2.5154i	-1.2080-1.9904i
39.0	-3.4890+9.0887i	-0.2167+0.8980i	1.6893-2.2226i	-3.5490+9.5935i	-0.2238+0.4664i	-1.4971-2.3688i	-1.3610-1.8649i
39.1	-2.9901+9.1790i	-0.1970+0.8582i	1.5809-2.4143i	-3.0428+9.6312i	-0.2181+0.4421i	-1.6903-2.1646i	-1.4867-1.7229i
39.2	-2.4120+9.1809i	-0.1715+0.8271i	1.3919-2.6083i	-2.4555+9.5903i	-0.2081+0.4333i	-1.8526-1.8991i	-1.6046-1.4719i
39.3	-1.8387+9.2649i	-0.1548+0.8037i	1.1783-2.8711i	-1.8840+9.6442i	-0.2040+0.4292i	-2.0038-1.6015i	-1.7097-1.2133i
39.4	-1.3469+9.2936i	-0.1331+0.7869i	0.9623-3.1102i	-1.3856+9.6460i	-0.1882+0.4301i	-2.1060-1.3059i	-1.7924-0.9828i
39.5	-0.7869+9.2590i	-0.1170+0.7879i	0.5859-3.3365i	-0.8295+9.5864i	-0.1745+0.4448i	-2.0584-0.9313i	-1.7825-0.7353i
39.6	-0.1626+9.1663i	-0.0594+0.7965i	0.0334-3.4081i	-0.2004+9.4757i	-0.1301+0.4658i	-1.8801-0.6503i	-1.7922-0.5038i
39.7	0.2780+8.9544i	0.0019+0.7221i	-0.2726-3.1880i	0.2346+9.2236i	-0.0674+0.4071i	-1.8180-0.5187i	-1.8219-0.2148i
39.8	0.7604+8.8908i	-0.0293+0.6517i	-0.3742-3.2688i	0.6787+9.1334i	-0.1055+0.3483i	-1.8239-0.1735i	-1.7435+0.1608i
39.9	1.3043+8.6669i	-0.0551+0.6579i	-0.8209-3.3372i	1.1820+8.9115i	-0.1341+0.3688i	-1.4956+0.1585i	-1.4573+0.4391i
40.0	1.8261+8.4060i	-0.0416+0.6804i	-1.3018-3.2642i	1.6892+8.6547i	-0.1237+0.4036i	-1.1387+0.3103i	-1.2181+0.6183i
40.1	2.2830+8.0736i	-0.0216+0.6885i	-1.7143-3.0439i	2.1306+8.3350i	-0.1086+0.4181i	-0.8059+0.3260i	-0.9903+0.6937i
40.2	2.6206+7.5830i	-0.0041+0.6844i	-2.0561-2.5868i	2.4614+7.8756i	-0.0849+0.4255i	-0.4853+0.1775i	-0.6912+0.7186i
40.3	2.7692+7.2360i	0.0096+0.6764i	-2.1822-2.2296i	2.6096+7.5401i	-0.0680+0.4248i	-0.3076+0.0051i	-0.5185+0.6600i
40.4	2.9830+6.7984i	0.0338+0.6581i	-2.2686-1.7236i	2.8286+7.1159i	-0.0412+0.4143i	-0.1710-0.2362i	-0.3203+0.5759i
40.5	3.1118+6.4602i	0.0619+0.6423i	-2.1609-1.4113i	2.9800+6.7820i	-0.0110+0.4028i	-0.2147-0.3471i	-0.2083+0.5042i
40.6	3.2951+6.1075i	0.0715+0.6174i	-2.2249-1.2668i	3.1574+6.4212i	-0.0059+0.3858i	-0.1012-0.3534i	-0.1349+0.4928i
40.7	3.3500+5.8270i	0.0767+0.6030i	-2.2221-0.9369i	3.1962+6.1554i	0.0047+0.3763i	-0.0612-0.5617i	-0.0497+0.4492i
40.8	3.4102+5.4739i	0.0754+0.5765i	-2.0660-0.5724i	3.2585+5.8192i	0.0028+0.3543i	-0.1101-0.7619i	0.0695+0.3969i
40.9	3.4704+5.1549i	0.0695+0.5907i	-1.9743-0.3759i	3.3195+5.5180i	-0.0045+0.3742i	-0.1129-0.8551i	0.1356+0.3280i
41.0	3.5418+4.8636i	0.0904+0.5930i	-1.9046-0.1305i	3.4050+5.2496i	0.0178+0.3770i	-0.1332-0.9524i	0.1764+0.2526i
41.1	3.5383+4.5547i	0.1159+0.5774i	-1.7241+0.1438i	3.4317+4.9502i	0.0421+0.3631i	-0.1936-1.1092i	0.2152+0.1926i
41.2	3.5010+4.3135i	0.1271+0.5861i	-1.4084+0.3184i	3.4078+4.7367i	0.0537+0.3751i	-0.4046-1.2004i	0.2607+0.1220i
41.3	3.4876+4.0575i	0.1652+0.5749i	-1.0795+0.3316i	3.4318+4.4991i	0.0885+0.3702i	-0.6055-1.1496i	0.2632+0.0345i
41.4	3.3870+3.8228i	0.1809+0.5379i	-1.0431+0.2756i	3.3660+4.2278i	0.1026+0.3405i	-0.5457-1.1067i	0.2314+0.0101i
41.5	3.3214+3.6829i	0.1840+0.5287i	-0.9026+0.4570i	3.3073+4.0890i	0.1118+0.3305i	-0.6325-1.2174i	0.2760-0.0156i
41.6	3.2765+3.4506i	0.1967+0.4855i	-0.5317+0.4165i	3.2896+3.8275i	0.1175+0.2894i	-0.8126-1.1436i	0.2598-0.0925i
41.7	3.1989+3.2922i	0.1722+0.4633i	-0.4295+0.3478i	3.1929+3.6525i	0.0925+0.2735i	-0.8696-1.1323i	0.2551-0.1027i
41.8	3.0966+3.1601i	0.1451+0.4690i	-0.2533+0.4079i	3.0661+3.5412i	0.0705+0.2807i	-1.0179-1.1766i	0.2871-0.1258i
41.9	3.0665+3.0729i	0.1783+0.4670i	-0.0128+0.3400i	3.0704+3.4709i	0.1032+0.2745i	-1.2474-1.0294i	0.3192-0.1940i
42.0	3.0797+3.0102i	0.2085+0.4735i	0.0895+0.1818i	3.1104+3.4109i	0.1252+0.2788i	-1.3190-0.9272i	0.3012-0.2476i
42.1	3.0565+2.8537i	0.1965+0.4484i	0.1107+0.0155i	3.0919+3.2239i	0.1031+0.2633i	-1.2696-0.8012i	0.2648-0.2435i
42.2	2.9707+2.7037i	0.1760+0.4648i	0.2084-0.1763i	3.0018+3.0864i	0.0793+0.2880i	-1.2952-0.5723i	0.2885-0.3158i
42.3	2.9526+2.5954i	0.2189+0.4867i	0.1464-0.3365i	3.0150+3.0013i	0.1222+0.3212i	-1.2390-0.4172i	0.2149-0.4089i
42.4	2.9039+2.5102i	0.2498+0.4454i	0.0837-0.2901i	2.9883+2.8961i	0.1548+0.2863i	-1.2074-0.4653i	0.1317-0.3881i
42.5	2.8654+2.4400i	0.2600+0.4102i	0.0909-0.3234i	2.9874+2.8156i	0.1667+0.2535i	-1.1844-0.3917i	0.0864-0.3703i
42.6	2.8604+2.3775i	0.2595+0.3769i	0.1166-0.3444i	3.0099+2.6992i	0.1595+0.2205i	-1.1783-0.3340i	0.0436-0.3363i
42.7	2.7958+2.3286i	0.2307+0.3639i	0.1710-0.4557i	2.9130+2.6248i	0.1355+0.2137i	-1.1685-0.2133i	0.0541-0.3142i
42.8	2.8121+2.2316i	0.2210+0.3684i	0.1175-0.5484i	2.9145+2.5349i	0.1202+0.2261i	-1.1084-0.1082i	0.0783-0.2957i
42.9	2.7631+2.1239i	0.2249+0.3893i	0.0744-0.5558i	2.8668+2.4406i	0.1222+0.2502i	-1.0650-0.0962i	0.0802-0.3158i
43.0	2.7249+2.0686i	0.2651+0.3832i	0.0324-0.5704i	2.8556+2.3829i	0.1660+0.2443i	-0.9980-0.0377i	0.0151-0.3148i
43.1	2.7165+2.0004i	0.2939+0.3447i	0.0116-0.5753i	2.8693+2.2976i	0.1940+0.2096i	-0.9473+0.0239i	-0.0022-0.2734i
43.2	2.7062+1.9598i	0.3031+0.3045i	-0.0130-0.6262i	2.8689+2.2295i	0.2019+0.1714i	-0.8956+0.0917i	0.0129-0.2399i
43.3	2.6971+1.8737i	0.2844+0.2847i	-0.0207-0.6569i	2.8539+2.1290i	0.1838+0.1581i	-0.8088+0.1451i	0.0385-0.2443i
43.4	2.6674+1.8078i	0.2850+0.2681i	-0.0882-0.6668i	2.8312+2.0552i	0.1814+0.1481i	-0.7195+0.1501i	0.0238-0.2463i

43.5	2.6514+1.7460i	0.2993+0.2558i	-0.1559-0.6381i	2.8261+1.9889i	0.1951+0.1397i	-0.6615+0.1397i	0.0203-0.2460i
43.6	2.6117+1.6553i	0.3089+0.2573i	-0.1381-0.5690i	2.8099+1.8990i	0.2094+0.1509i	-0.6454+0.1076i	0.0207-0.2406i
43.7	2.5771+1.6071i	0.3027+0.2334i	-0.0950-0.5582i	2.7640+1.7964i	0.2034+0.1280i	-0.6206+0.0811i	0.0288-0.2051i
43.8	2.5863+1.5460i	0.2765+0.2173i	-0.1595-0.6495i	2.7295+1.7433i	0.1744+0.1180i	-0.5179+0.1683i	0.0544-0.2050i
43.9	2.5669+1.4565i	0.2878+0.2368i	-0.2754-0.6661i	2.7266+1.6985i	0.1907+0.1412i	-0.3870+0.1828i	0.0505-0.2347i
44.0	2.5369+1.3879i	0.2933+0.2230i	-0.3255-0.5296i	2.7184+1.6234i	0.1993+0.1322i	-0.3333+0.0775i	0.0395-0.2090i
44.1	2.5127+1.3018i	0.2988+0.1919i	-0.2345-0.4836i	2.7190+1.5177i	0.2004+0.1077i	-0.3463+0.0425i	0.0697-0.2186i
44.2	2.4256+1.2769i	0.2956+0.1664i	-0.3149-0.4880i	2.6666+1.4557i	0.2066+0.0884i	-0.2555+0.0054i	-0.0009-0.2308i
44.3	2.4080+1.2695i	0.2686+0.1302i	-0.2740-0.3249i	2.6464+1.3620i	0.1847+0.0483i	-0.2491-0.1181i	-0.0201-0.1371i
44.4	2.4200+1.2657i	0.2379+0.0872i	-0.1085-0.2930i	2.5726+1.2866i	0.1524+0.0007i	-0.3943-0.1572i	0.0372-0.0639i
44.5	2.4188+1.2121i	0.1898+0.0941i	-0.0349-0.3594i	2.4907+1.2593i	0.1026+0.0105i	-0.4597-0.0973i	0.1405-0.0790i
44.6	2.3883+1.1413i	0.1869+0.1140i	-0.0507-0.3559i	2.4669+1.2084i	0.1005+0.0366i	-0.4227-0.0812i	0.1711-0.1378i
44.7	2.3826+1.1076i	0.1683+0.1105i	0.0421-0.3709i	2.4240+1.1482i	0.0841+0.0342i	-0.4273-0.0703i	0.1649-0.1245i
44.8	2.4174+1.0602i	0.1595+0.1193i	0.0342-0.4989i	2.4034+1.1125i	0.0729+0.0481i	-0.4033-0.0129i	0.1934-0.0831i
44.9	2.3792+0.9451i	0.1582+0.1560i	-0.0595-0.5711i	2.3617+1.0977i	0.0738+0.0948i	-0.3002+0.0376i	0.2784-0.1457i
45.0	2.3449+0.8724i	0.1737+0.1569i	-0.1620-0.5535i	2.3501+1.0715i	0.0915+0.1028i	-0.1737-0.0005i	0.3182-0.2128i
45.1	2.2588+0.8084i	0.1947+0.1216i	-0.2758-0.3663i	2.3404+0.9889i	0.1257+0.0699i	-0.0937-0.2234i	0.2771-0.2786i
45.2	2.2206+0.8461i	0.1717+0.0854i	-0.1957-0.1921i	2.3094+0.9384i	0.1091+0.0231i	-0.1922-0.3209i	0.2611-0.2594i
45.3	2.2153+0.8494i	0.1633+0.0562i	-0.0563-0.1181i	2.2914+0.8976i	0.1001-0.0092i	-0.2461-0.3325i	0.2578-0.2771i
45.4	2.2216+0.7934i	0.1300+0.0701i	0.0927-0.1830i	2.2504+0.8380i	0.0697+0.0064i	-0.3161-0.3515i	0.2527-0.2933i
45.5	2.2123+0.7425i	0.1140+0.0937i	0.1474-0.3135i	2.1826+0.7890i	0.0496+0.0231i	-0.4241-0.3563i	0.2660-0.3028i
45.6	2.1753+0.7030i	0.0983+0.0998i	0.1217-0.3553i	2.1085+0.7927i	0.0318+0.0315i	-0.4814-0.2483i	0.2949-0.3199i
45.7	2.1895+0.6896i	0.0690+0.0977i	0.1520-0.3500i	2.0952+0.8054i	0.0034+0.0357i	-0.4707-0.1587i	0.3213-0.3575i
45.8	2.1949+0.6383i	0.0404+0.1335i	0.2117-0.4244i	2.0727+0.7993i	-0.0238+0.0796i	-0.4419-0.1073i	0.3352-0.4161i
45.9	2.1385+0.5678i	0.0802+0.1839i	0.0989-0.4909i	2.0836+0.7836i	0.0214+0.1305i	-0.2773-0.0832i	0.2864-0.5442i
46.0	2.0954+0.5509i	0.1504+0.1935i	-0.0146-0.4455i	2.1098+0.7701i	0.0940+0.1377i	-0.2187-0.1726i	0.1736-0.6007i
46.1	2.1034+0.5447i	0.1549+0.1095i	0.0518-0.3252i	2.0888+0.7103i	0.0951+0.0536i	-0.3163-0.2680i	0.0578-0.5207i
46.2	2.0862+0.5086i	0.0772+0.0599i	0.2197-0.2712i	2.0353+0.6438i	0.0209+0.0004i	-0.4371-0.3548i	0.0268-0.4221i
46.3	2.0893+0.4770i	-0.0063+0.1016i	0.3168-0.3469i	1.9615+0.6445i	-0.0724+0.0411i	-0.6086-0.2250i	0.1001-0.3849i
46.4	2.1191+0.4372i	-0.0300+0.1922i	0.3149-0.4746i	1.9534+0.6774i	-0.1030+0.1390i	-0.5519-0.0718i	0.1506-0.4464i
46.5	2.1044+0.3632i	0.0599+0.2569i	0.2287-0.5086i	1.9934+0.6538i	-0.0109+0.2058i	-0.4586-0.0720i	0.1130-0.5204i
46.6	2.0926+0.3213i	0.1297+0.2206i	0.2730-0.4888i	1.9890+0.6055i	0.0582+0.1733i	-0.4981-0.0816i	0.0455-0.5120i
46.7	2.0511+0.2501i	0.1285+0.1842i	0.2794-0.5447i	1.9638+0.5827i	0.0618+0.1504i	-0.4513-0.0163i	0.0081-0.4869i
46.8	1.9930+0.1933i	0.1194+0.1776i	0.3151-0.5509i	1.9299+0.5484i	0.0505+0.1463i	-0.4591-0.0284i	0.0102-0.4808i
46.9	1.9516+0.1510i	0.1146+0.1799i	0.3209-0.6595i	1.9135+0.5239i	0.0485+0.1486i	-0.4751+0.0391i	-0.0121-0.4847i
47.0	1.9151+0.1279i	0.0974+0.1843i	0.2550-0.7123i	1.9127+0.5277i	0.0392+0.1571i	-0.4197+0.0912i	-0.0534-0.4744i
47.1	1.8968+0.1226i	0.0823+0.1967i	0.2962-0.6897i	1.8864+0.5038i	0.0237+0.1687i	-0.4466+0.1110i	-0.0492-0.4129i
47.2	1.8694+0.0851i	0.1042+0.2314i	0.2604-0.8185i	1.8794+0.5044i	0.0476+0.2049i	-0.3502+0.2299i	-0.0440-0.4508i
47.3	1.8246+0.0439i	0.1507+0.2450i	0.0777-0.8497i	1.9061+0.4867i	0.0997+0.2241i	-0.1680+0.2388i	-0.0937-0.4738i
47.4	1.7584+0.0251i	0.1762+0.2181i	0.0291-0.7368i	1.8940+0.4190i	0.1358+0.1986i	-0.0703+0.0951i	-0.1300-0.4105i
47.5	1.7324+0.0029i	0.1888+0.2017i	0.0951-0.6657i	1.8667+0.3707i	0.1441+0.1788i	-0.1104-0.0007i	-0.1326-0.3720i
47.6	1.7133-0.0287i	0.1973+0.1842i	0.1632-0.7399i	1.8379+0.3574i	0.1515+0.1655i	-0.1463+0.0301i	-0.1289-0.3698i
47.7	1.6349-0.0727i	0.1919+0.1884i	0.0283-0.8706i	1.8058+0.3539i	0.1538+0.1797i	-0.0672+0.0476i	-0.1108-0.3506i
47.8	1.5464-0.0681i	0.2262+0.1683i	-0.1439-0.7040i	1.8110+0.3249i	0.2086+0.1581i	-0.0065-0.0294i	-0.1428-0.3803i
47.9	1.5090-0.0098i	0.2482+0.1027i	-0.0664-0.4555i	1.8010+0.2681i	0.2392+0.0802i	-0.0821-0.1377i	-0.2435-0.3358i
48.0	1.5223+0.0126i	0.2034+0.0586i	0.0713-0.4883i	1.7595+0.2617i	0.1900+0.0349i	-0.1525-0.1164i	-0.2435-0.2558i
48.1	1.5333+0.0152i	0.1317+0.0318i	0.1189-0.4910i	1.7335+0.2246i	0.1186+0.0010i	-0.1636-0.1476i	-0.2144-0.1619i
48.2	1.5439-0.0014i	0.0927+0.0760i	0.2099-0.5122i	1.6913+0.2113i	0.0726+0.0360i	-0.2228-0.1487i	-0.1432-0.1152i
48.3	1.5281-0.0551i	0.0988+0.1193i	0.2387-0.6129i	1.6695+0.2253i	0.0724+0.0900i	-0.2307-0.0298i	-0.0942-0.1575i
48.4	1.5155-0.0666i	0.0874+0.1499i	0.2802-0.6836i	1.6430+0.2351i	0.0633+0.1238i	-0.2573-0.0331i	-0.0576-0.1713i
48.5	1.4684-0.0660i	0.1123+0.1447i	0.2539-0.6855i	1.6295+0.2281i	0.0965+0.1168i	-0.2546-0.0191i	-0.0796-0.1806i
48.6	1.4992-0.0737i	0.0694+0.1584i	0.3801-0.8284i	1.5966+0.2274i	0.0436+0.1258i	-0.3417+0.1072i	-0.0445-0.1466i
48.7	1.4517-0.1581i	0.1048+0.2351i	0.1721-1.0811i	1.6005+0.2447i	0.0828+0.2166i	-0.1687+0.2370i	0.0190-0.2004i
48.8	1.3157-0.1610i	0.2231+0.2436i	-0.2197-0.9633i	1.6536+0.2428i	0.2254+0.2247i	0.0562+0.1323i	-0.0367-0.3110i
48.9	1.2969-0.0632i	0.2545+0.1567i	-0.1833-0.7125i	1.6410+0.2096i	0.2597+0.1206i	-0.0104+0.0198i	-0.1491-0.2532i
49.0	1.3463-0.0342i	0.2303+0.0899i	-0.0779-0.6421i	1.6230+0.1614i	0.2258+0.0443i	-0.0736-0.0068i	-0.1610-0.1313i
49.1	1.3774-0.0602i	0.1845+0.0780i	0.0006-0.6685i	1.6011+0.1258i	0.1733+0.0313i	-0.1055-0.0185i	-0.1036-0.0394i
49.2	1.3574-0.0862i	0.1567+0.0961i	-0.0066-0.7392i	1.5647+0.1468i	0.1415+0.0597i	-0.0920+0.0579i	-0.0422-0.0474i
49.3	1.3467-0.0933i	0.1491+0.1072i	-0.0685-0.7386i	1.5914+0.1557i	0.1393+0.0719i	-0.0321+0.0789i	-0.0406-0.0611i
49.4	1.3318-0.0729i	0.1444+0.1069i	-0.0364-0.6644i	1.5957+0.1312i	0.1376+0.0611i	-0.0007+0.0658i	-0.0446-0.0499i
49.5	1.3525-0.0519i	0.1517+0.0968i	0.0045-0.5943i	1.5851+0.1199i	0.1396+0.0468i	0.0177+0.0457i	-0.0305-0.0195i
49.6	1.3859-0.0789i	0.1238+0.1027i	0.0866-0.6433i	1.5588+0.1123i	0.1042+0.0540i	-0.0273+0.0169i	0.0363+0.0035i
49.7	1.3807-0.1351i	0.1202+0.1391i	0.0954-0.7671i	1.5605+0.1301i	0.0984+0.1027i	-0.0125+0.1328i	0.0822-0.0349i

49.8	1.3340−0.1726i	0.1488+0.1639i	0.0023−0.8435i	1.5695+0.1440i	0.1314+0.1352i	0.0766+0.2393i	0.1078−0.0837i
49.9	1.2813−0.1652i	0.1875+0.1361i	−0.0900−0.7716i	1.5761+0.1100i	0.1771+0.1056i	0.1850+0.1510i	0.0894−0.1078i
50.0	1.2839−0.1432i	0.1852+0.0995i	−0.0907−0.6716i	1.5772+0.0830i	0.1775+0.0611i	0.1612+0.0884i	0.0629−0.0600i
50.1	1.3101−0.1546i	0.1677+0.1056i	−0.0517−0.7195i	1.5976+0.0865i	0.1589+0.0698i	0.1862+0.1540i	0.0652−0.0318i
50.2	1.3098−0.1608i	0.1582+0.0915i	−0.0748−0.6756i	1.6015+0.0559i	0.1508+0.0508i	0.3046+0.1210i	0.0863−0.0418i
50.3	1.2942−0.1727i	0.1550+0.0868i	−0.0965−0.6150i	1.5840+0.0206i	0.1488+0.0467i	0.3618+0.0277i	0.1156−0.0392i
50.4	1.2844−0.1913i	0.1606+0.0859i	−0.0608−0.5464i	1.5798−0.0160i	0.1524+0.0469i	0.3133−0.1044i	0.1083−0.0144i
50.5	1.3104−0.2007i	0.1454+0.0762i	0.0607−0.5216i	1.5680−0.0253i	0.1318+0.0378i	0.2343−0.1126i	0.1264+0.0004i
50.6	1.3206−0.2157i	0.1418+0.0728i	0.0856−0.5406i	1.5728−0.0396i	0.1279+0.0334i	0.2208−0.0797i	0.1522+0.0023i
50.7	1.3278−0.2491i	0.1266+0.0736i	0.1211−0.5651i	1.5719−0.0767i	0.1125+0.0328i	0.2353−0.1036i	0.1711+0.0185i
50.8	1.3196−0.2863i	0.1047+0.0854i	0.2060−0.6696i	1.5185−0.0870i	0.0863+0.0462i	0.1782−0.1122i	0.2148−0.0071i
50.9	1.2762−0.3025i	0.1069+0.0974i	0.1024−0.7621i	1.4845−0.0822i	0.0903+0.0642i	0.1782−0.0472i	0.2693−0.0003i
51.0	1.2807−0.3446i	0.0989+0.1197i	0.0788−0.7339i	1.4962−0.0978i	0.0838+0.0871i	0.2155−0.0620i	0.3120+0.0065i
51.1	1.2652−0.3774i	0.1012+0.1356i	0.0436−0.7321i	1.5042−0.0946i	0.0883+0.1059i	0.2622−0.0201i	0.3359−0.0427i
51.2	1.2068−0.4106i	0.1503+0.1341i	−0.0279−0.6714i	1.5245−0.1289i	0.1479+0.1075i	0.3785−0.0494i	0.3205−0.0800i
51.3	1.1801−0.4043i	0.1708+0.1146i	−0.0190−0.6188i	1.5171−0.1768i	0.1667+0.0853i	0.4002−0.1707i	0.3116−0.0639i
51.4	1.1722−0.4144i	0.1603+0.1126i	0.0673−0.6009i	1.5096−0.1962i	0.1500+0.0837i	0.3427−0.1880i	0.3214−0.0397i
51.5	1.1655−0.4125i	0.1322+0.1007i	0.1188−0.6093i	1.4926−0.1967i	0.1192+0.0749i	0.3147−0.1608i	0.3633−0.0306i
51.6	1.1382−0.4118i	0.1439+0.1079i	0.0997−0.6473i	1.4948−0.1916i	0.1363+0.0812i	0.3432−0.1507i	0.3944−0.0413i
51.7	1.1215−0.4214i	0.1599+0.1172i	0.0799−0.7032i	1.4957−0.1790i	0.1523+0.0977i	0.3535−0.1198i	0.4349−0.0526i
51.8	1.0895−0.4451i	0.1787+0.1299i	0.0065−0.7466i	1.4910−0.1851i	0.1786+0.1188i	0.4171−0.1112i	0.4658−0.1142i
51.9	1.0633−0.3905i	0.1904+0.0808i	0.0142−0.5735i	1.5183−0.2178i	0.1992+0.0569i	0.4465−0.2671i	0.4323−0.1242i
52.0	1.0600−0.3268i	0.1929+0.0476i	0.0147−0.5560i	1.5184−0.2398i	0.1999+0.0130i	0.4104−0.2822i	0.4291−0.0486i
52.1	1.0953−0.3130i	0.1642+0.0248i	0.0461−0.4773i	1.5115−0.2759i	0.1666−0.0165i	0.4512−0.3151i	0.5057−0.0079i
52.2	1.1342−0.3569i	0.1237+0.0474i	0.1559−0.4605i	1.4924−0.2791i	0.1274+0.0156i	0.4351−0.3408i	0.6232−0.0502i
52.3	1.1112−0.3749i	0.1625+0.0607i	0.0777−0.4786i	1.5270−0.2812i	0.1725+0.0350i	0.4932−0.3327i	0.6487−0.1392i
52.4	1.1099−0.3373i	0.1621+0.0335i	0.1724−0.3758i	1.5274−0.3229i	0.1751−0.0025i	0.4454−0.5019i	0.6433−0.1295i
52.5	1.1598−0.3349i	0.1115+0.0164i	0.3872−0.4330i	1.5007−0.3665i	0.1142−0.0256i	0.3261−0.5090i	0.7236−0.1071i
52.6	1.2124−0.3651i	0.0739+0.0205i	0.4226−0.4519i	1.4948−0.3786i	0.0744−0.0241i	0.3277−0.4803i	0.8437−0.1793i
52.7	1.2441−0.3768i	0.0745+0.0177i	0.4424−0.3508i	1.5237−0.4113i	0.0756−0.0315i	0.3425−0.5811i	0.9138−0.2646i
52.8	1.2976−0.3803i	0.0481−0.0052i	0.6668−0.3118i	1.5010−0.4612i	0.0433−0.0576i	0.1705−0.6935i	0.9903−0.3078i
52.9	1.3356−0.4340i	−0.0077+0.0196i	0.8678−0.5406i	1.4663−0.4445i	−0.0164−0.0257i	0.0124−0.5406i	1.0690−0.4050i
53.0	1.3735−0.4979i	−0.0439+0.0629i	0.9551−0.7373i	1.4586−0.4425i	−0.0601+0.0222i	−0.0304−0.3789i	1.1184−0.5419i
53.1	1.3834−0.6209i	−0.0149+0.1431i	0.8621−1.0499i	1.5310−0.4427i	−0.0243+0.1105i	0.0829−0.2005i	1.0981−0.7338i
53.2	1.4105−0.6903i	−0.0216+0.1686i	0.8341−1.1589i	1.5478−0.4834i	−0.0311+0.1377i	0.1602−0.1837i	1.1189−0.8739i
53.3	1.4401−0.7799i	−0.0544+0.2203i	0.8667−1.2710i	1.5360−0.4994i	−0.0684+0.1953i	0.1699−0.1256i	1.1607−1.0555i
53.4	1.3673−0.8888i	0.0149+0.2766i	0.6647−1.3457i	1.5893−0.5425i	0.0135+0.2579i	0.3629−0.1079i	1.0410−1.2570i
53.5	1.3054−0.8975i	0.0751+0.2299i	0.7206−1.2058i	1.5719−0.6558i	0.0749+0.2006i	0.2960−0.2904i	0.8258−1.3302i
53.6	1.3439−0.9655i	0.0414+0.2253i	0.8853−1.4593i	1.5415−0.6759i	0.0270+0.2001i	0.2019−0.1517i	0.7565−1.3465i
53.7	1.3071−1.0815i	0.0582+0.2608i	0.7642−1.6902i	1.5885−0.7025i	0.0456+0.2429i	0.3761−0.1059i	0.6691−1.4449i
53.8	1.2800−1.1680i	0.0690+0.2873i	0.6880−1.9003i	1.6005−0.7671i	0.0601+0.2775i	0.4195−0.0732i	0.6147−1.4829i
53.9	1.1319−1.2690i	0.1788+0.3440i	0.2742−2.0569i	1.6615−0.7928i	0.1832+0.3416i	0.7305−0.0539i	0.4425−1.6090i
54.0	1.0152−1.2798i	0.2111+0.3073i	0.0863−1.8739i	1.6249−0.9017i	0.2225+0.2979i	0.7617−0.3126i	0.3129−1.6296i
54.1	0.8888−1.3329i	0.2864+0.2943i	0.0085−1.8585i	1.6446−1.0402i	0.3057+0.2834i	0.7934−0.4708i	0.1028−1.7124i
54.2	0.8738−1.3030i	0.2560+0.2415i	0.0940−1.9045i	1.5936−1.1681i	0.2684+0.2180i	0.6836−0.5442i	−0.0447−1.6166i
54.3	0.7812−1.4019i	0.3110+0.3080i	−0.1998−2.1010i	1.5285−1.1923i	0.3231+0.2960i	0.8176−0.4289i	−0.1451−1.6638i
54.4	0.6196−1.3844i	0.3951+0.2584i	−0.4537−1.9729i	1.4911−1.2646i	0.4224+0.2560i	0.9264−0.5808i	−0.3451−1.6188i
54.5	0.5003−1.3190i	0.4505+0.1821i	−0.6008−1.8070i	1.4359−1.3575i	0.4856+0.1780i	0.9375−0.7954i	−0.5717−1.4953i
54.6	0.4125−1.2120i	0.4720+0.0832i	−0.6870−1.6026i	1.3539−1.4595i	0.5197+0.0645i	0.9020−1.0413i	−0.7408−1.2838i
54.7	0.4898−1.1369i	0.3520+0.0159i	−0.5446−1.5458i	1.1965−1.5489i	0.3845−0.0079i	0.6237−1.1122i	−0.6707−1.0627i
54.8	0.4870−1.2047i	0.3522+0.0936i	−0.6700−1.7894i	1.1271−1.5091i	0.3900+0.0858i	0.6181−0.9311i	−0.6225−1.0094i
54.9	0.3728−1.2001i	0.4549+0.0849i	−0.9476−1.6804i	1.1461−1.5078i	0.5176+0.0776i	0.7953−1.0040i	−0.7230−0.9783i
55.0	0.3512−1.1243i	0.4021−0.0262i	−0.9242−1.3723i	0.9914−1.6053i	0.4661−0.0523i	0.6330−1.2528i	−0.7125−0.8260i
55.1	0.4015−1.0596i	0.2968−0.1208i	−0.8041−1.1960i	0.8264−1.6685i	0.3557−0.1584i	0.3795−1.3911i	−0.6072−0.6669i
55.2	0.3952−1.0770i	0.2685−0.1185i	−0.8286−1.1862i	0.7364−1.6479i	0.3335−0.1592i	0.2966−1.3525i	−0.5444−0.6128i
55.3	0.3766−1.1228i	0.2550−0.0728i	−0.8099−1.1673i	0.6506−1.5768i	0.3210−0.1154i	0.2155−1.2748i	−0.5118−0.6527i
55.4	0.3987−1.1385i	0.2062−0.0761i	−0.7380−1.1144i	0.5699−1.5870i	0.2677−0.1296i	0.0895−1.2965i	−0.4607−0.6319i
55.5	0.3772−1.2207i	0.1631−0.0360i	−0.7335−1.1751i	0.4284−1.5728i	0.2169−0.0955i	−0.0284−1.2144i	−0.4019−0.6464i
55.6	0.2697−1.2584i	0.1857−0.0112i	−0.8447−1.1471i	0.3798−1.5380i	0.2409−0.0684i	0.0180−1.1828i	−0.4441−0.6922i
55.7	0.1982−1.2315i	0.2120−0.0287i	−0.8656−1.0433i	0.3727−1.5142i	0.2754−0.0943i	0.0414−1.2199i	−0.5051−0.6543i
55.8	0.1397−1.2177i	0.2038−0.0332i	−0.8398−0.9840i	0.2951−1.4709i	0.2675−0.1049i	−0.0328−1.2002i	−0.4700−0.6309i
55.9	0.1078−1.1876i	0.1934−0.0322i	−0.7959−0.9145i	0.2362−1.4264i	0.2503−0.1114i	−0.1086−1.1619i	−0.4743−0.6065i
56.0	0.0869−1.1907i	0.1451−0.0101i	−0.7080−0.9368i	0.1438−1.3697i	0.1909−0.0925i	−0.2103−1.0723i	−0.4236−0.5854i

56.1	-0.0096-1.2193i	0.1596+0.0471i	-0.8049-1.0206i	0.0846-1.2838i	0.2013-0.0347i	-0.1928-0.9606i	-0.3992-0.5897i
56.2	-0.1074-1.1595i	0.1891+0.0153i	-0.8571-0.8971i	0.0413-1.2659i	0.2321-0.0677i	-0.1656-1.0105i	-0.4121-0.5651i
56.3	-0.1433-1.0891i	0.1878-0.0073i	-0.8159-0.8115i	0.0278-1.2330i	0.2282-0.0957i	-0.2033-1.0294i	-0.3995-0.5333i
56.4	-0.1696-1.0297i	0.2000-0.0161i	-0.8049-0.7825i	0.0180-1.1680i	0.2339-0.1121i	-0.2327-1.0078i	-0.4193-0.5207i
56.5	-0.1948-0.9941i	0.1952-0.0134i	-0.7829-0.7746i	-0.0134-1.1251i	0.2263-0.1096i	-0.2455-0.9650i	-0.4214-0.5308i
56.6	-0.2172-0.9605i	0.1870-0.0162i	-0.7463-0.7439i	-0.0446-1.0644i	0.2143-0.1078i	-0.2655-0.8989i	-0.4069-0.5498i
56.7	-0.2343-0.9176i	0.1897-0.0045i	-0.7212-0.7354i	-0.0520-0.9973i	0.2121-0.0948i	-0.2756-0.8651i	-0.4127-0.5477i
56.8	-0.2487-0.8759i	0.1853-0.0172i	-0.7185-0.6875i	-0.0692-0.9859i	0.2084-0.1139i	-0.2899-0.9002i	-0.4163-0.4874i
56.9	-0.2762-0.8496i	0.1863-0.0143i	-0.7038-0.6994i	-0.0735-0.9481i	0.2061-0.1086i	-0.2915-0.8893i	-0.4580-0.4849i
57.0	-0.2696-0.8142i	0.1583-0.0267i	-0.6465-0.6895i	-0.0927-0.9320i	0.1736-0.1215i	-0.3191-0.8786i	-0.4474-0.4626i
57.1	-0.2555-0.8153i	0.1306+0.0123i	-0.6172-0.7332i	-0.1092-0.8708i	0.1385-0.0765i	-0.3340-0.7938i	-0.4062-0.4714i
57.2	-0.2710-0.7954i	0.1545+0.0185i	-0.7092-0.7405i	-0.0750-0.8271i	0.1570-0.0701i	-0.2852-0.7570i	-0.3848-0.4795i
57.3	-0.2933-0.7335i	0.1739-0.0091i	-0.7371-0.6633i	-0.0516-0.8335i	0.1824-0.0976i	-0.2416-0.7986i	-0.3895-0.4565i
57.4	-0.3098-0.6951i	0.1671-0.0169i	-0.6949-0.6167i	-0.0662-0.8055i	0.1766-0.1071i	-0.2617-0.8383i	-0.4125-0.4488i
57.5	-0.2831-0.6842i	0.1417-0.0075i	-0.6267-0.5993i	-0.0995-0.7580i	0.1476-0.0922i	-0.3125-0.7852i	-0.3616-0.4568i
57.6	-0.2692-0.6591i	0.1327+0.0033i	-0.6046-0.6052i	-0.0929-0.7416i	0.1296-0.0746i	-0.3458-0.7635i	-0.3489-0.4525i
57.7	-0.3206-0.6483i	0.1425-0.0075i	-0.6267-0.5876i	-0.0876-0.7496i	0.1448-0.0940i	-0.3140-0.7692i	-0.4109-0.4459i
57.8	-0.3352-0.6083i	0.1467-0.0102i	-0.6191-0.6002i	-0.0716-0.7221i	0.1515-0.0969i	-0.3102-0.7650i	-0.4294-0.4262i
57.9	-0.3220-0.5904i	0.1443-0.0263i	-0.6077-0.5766i	-0.0661-0.7333i	0.1414-0.1118i	-0.3405-0.7900i	-0.4263-0.4043i
58.0	-0.3292-0.5824i	0.1541-0.0165i	-0.6095-0.5902i	-0.0636-0.7173i	0.1533-0.1002i	-0.3276-0.7586i	-0.4473-0.4233i
58.1	-0.3202-0.5687i	0.1469-0.0028i	-0.5897-0.6038i	-0.0954-0.6867i	0.1428-0.0856i	-0.3556-0.7350i	-0.4224-0.4320i
58.2	-0.3157-0.5179i	0.1470-0.0134i	-0.6069-0.5750i	-0.1050-0.6628i	0.1428-0.0973i	-0.3877-0.7262i	-0.4140-0.3716i
58.3	-0.3179-0.5119i	0.1352-0.0140i	-0.5871-0.5680i	-0.1056-0.6618i	0.1250-0.0999i	-0.3959-0.7124i	-0.4323-0.3732i
58.4	-0.3289-0.4843i	0.1265-0.0069i	-0.5825-0.5564i	-0.1195-0.6474i	0.1177-0.0983i	-0.4046-0.7134i	-0.4145-0.3716i
58.5	-0.3099-0.4795i	0.1152-0.0035i	-0.5758-0.5509i	-0.1327-0.6330i	0.1023-0.0895i	-0.4195-0.6795i	-0.3912-0.3718i
58.6	-0.3101-0.4630i	0.1364-0.0170i	-0.6086-0.5624i	-0.1206-0.6298i	0.1311-0.0977i	-0.4076-0.6611i	-0.3542-0.3703i
58.7	-0.3262-0.4578i	0.1573+0.0043i	-0.6429-0.5777i	-0.0979-0.5879i	0.1554-0.0743i	-0.3826-0.6260i	-0.3647-0.3616i
58.8	-0.2959-0.4403i	0.1223+0.0090i	-0.5945-0.5561i	-0.1344-0.5728i	0.1151-0.0671i	-0.4228-0.6297i	-0.3682-0.3445i
58.9	-0.2996-0.4361i	0.1242+0.0177i	-0.5852-0.5313i	-0.1165-0.5290i	0.1155-0.0540i	-0.3958-0.5713i	-0.3867-0.3926i
59.0	-0.3040-0.4256i	0.1293+0.0243i	-0.5834-0.5106i	-0.1122-0.5369i	0.1195-0.0499i	-0.3856-0.5702i	-0.4069-0.3671i
59.1	-0.3139-0.4172i	0.1298+0.0282i	-0.5729-0.4966i	-0.1216-0.5319i	0.1200-0.0468i	-0.3893-0.5745i	-0.4189-0.3276i
59.2	-0.3160-0.4000i	0.1330+0.0295i	-0.5800-0.4914i	-0.1084-0.5048i	0.1254-0.0410i	-0.3911-0.5573i	-0.4067-0.3041i
59.3	-0.3136-0.3703i	0.1567+0.0209i	-0.5680-0.4965i	-0.1099-0.4907i	0.1467-0.0531i	-0.3968-0.5615i	-0.4071-0.2912i
59.4	-0.3252-0.3614i	0.1882+0.0133i	-0.5796-0.5193i	-0.0976-0.4684i	0.1777-0.0625i	-0.3798-0.5694i	-0.4432-0.2963i
59.5	-0.3129-0.3710i	0.1857+0.0392i	-0.5660-0.5163i	-0.1318-0.4400i	0.1741-0.0329i	-0.4082-0.5300i	-0.3854-0.3151i
59.6	-0.3162-0.3448i	0.1751+0.0241i	-0.5598-0.4817i	-0.1256-0.4502i	0.1689-0.0494i	-0.4081-0.5121i	-0.3668-0.2895i
59.7	-0.3070-0.3402i	0.1651+0.0151i	-0.5272-0.4728i	-0.1381-0.4151i	0.1578-0.0565i	-0.4162-0.4843i	-0.3324-0.2961i
59.8	-0.3165-0.3224i	0.1928+0.0100i	-0.5497-0.4658i	-0.1808-0.4251i	0.1863-0.0631i	-0.3902-0.4908i	-0.3862-0.2818i
59.9	-0.3279-0.3071i	0.2127+0.0244i	-0.5558-0.4781i	-2.8643-6.9923i	0.2079-0.0475i	-0.3712-0.4982i	-0.4244-0.2501i
60.0	-0.3176-0.3051i	0.2262+0.0256i	-0.5415-0.4875i	-4.7605-22.7789i	0.2232-0.0392i	-0.3858-0.4986i	-0.3850-0.2198i
60.1	-0.3104-0.2741i	0.2268+0.0065i	-0.5239-0.4657i	-3.2725-4.4638i	0.2227-0.0632i	-0.3989-0.5138i	-0.3349-0.2000i
60.2	-0.2998-0.2677i	0.2003+0.0305i	-0.4839-0.4366i	-0.2581-0.4875i	0.1926-0.0393i	-0.3867-0.4652i	-0.3062-0.2222i
60.3	-0.3199-0.2836i	0.2024+0.0144i	-0.4905-0.4552i	-0.1023-0.3809i	0.1989-0.0559i	-0.3559-0.4521i	-0.3247-0.2553i
60.4	-0.3138-0.2611i	0.2192+0.0130i	-0.5048-0.4278i	-0.1435-0.3796i	0.2100-0.0605i	-0.3549-0.4660i	-0.3531-0.2170i
60.5	-0.3007-0.2377i	0.2392-0.0013i	-0.5141-0.4441i	-0.1230-0.3937i	0.2314-0.0749i	-0.3506-0.4627i	-0.3542-0.2046i
60.6	-0.3072-0.2364i	0.2548-0.0206i	-0.4952-0.4644i	-0.1026-0.3870i	0.2505-0.0909i	-0.3386-0.4440i	-0.3384-0.2137i
60.7	-0.3101-0.2255i	0.2455-0.0402i	-0.4681-0.4287i	-0.1100-0.3820i	0.2422-0.1147i	-0.3359-0.4329i	-0.3144-0.1943i
60.8	-0.2993-0.2008i	0.2444-0.0186i	-0.4453-0.4258i	-0.1090-0.3898i	0.2390-0.1011i	-0.3305-0.4462i	-0.3263-0.1752i
60.9	-0.2917-0.1862i	0.2335-0.0357i	-0.4673-0.4554i	-0.1082-0.3643i	0.2270-0.1221i	-0.3487-0.4558i	-0.3190-0.1521i
61.0	-0.3011-0.1975i	0.2366-0.0730i	-0.4746-0.4656i	-0.0879-0.3460i	0.2298-0.1514i	-0.3330-0.4537i	-0.3229-0.1671i
61.1	-0.3065-0.1944i	0.2280-0.0906i	-0.4890-0.4547i	-0.0791-0.3514i	0.2200-0.1704i	-0.3226-0.4466i	-0.3307-0.1743i
61.2	-0.2923-0.1708i	0.2029-0.1228i	-0.5135-0.4669i	-0.0697-0.3435i	0.1931-0.2034i	-0.3060-0.4394i	-0.3372-0.1710i
61.3	-0.2794-0.1577i	0.1942-0.1077i	-0.5038-0.4469i	-0.0884-0.3376i	0.1785-0.1870i	-0.3209-0.4405i	-0.2922-0.1387i
61.4	-0.2820-0.1553i	0.1660-0.1009i	-0.5004-0.4337i	-0.0923-0.3399i	0.1521-0.1819i	-0.3140-0.4366i	-0.2639-0.1661i
61.5	-0.2772-0.1474i	0.1082-0.1216i	-0.4780-0.4055i	-0.0969-0.3297i	0.0968-0.2018i	-0.3073-0.4284i	-0.2217-0.1652i
61.6	-0.2742-0.1287i	0.1404-0.1147i	-0.4726-0.4098i	-0.1012-0.3421i	0.1252-0.1976i	-0.3049-0.4427i	-0.2293-0.1306i
61.7	-0.2715-0.1198i	0.1374-0.0934i	-0.4718-0.4021i	-0.1009-0.3334i	0.1165-0.1795i	-0.3099-0.4241i	-0.2238-0.1564i
61.8	-0.2733-0.1146i	0.1275-0.1328i	-0.4737-0.3829i	-0.1095-0.3371i	0.1074-0.2146i	-0.3201-0.4138i	-0.1889-0.1558i
61.9	-0.2571-0.1079i	0.1273-0.1187i	-0.4570-0.3615i	-0.0903-0.3328i	0.1111-0.1968i	-0.2979-0.4217i	-0.2094-0.1399i
62.0	-0.2410-0.0989i	0.1306-0.1468i	-0.4629-0.3794i	-0.0955-0.3100i	0.1104-0.2262i	-0.3027-0.4291i	-0.1890-0.1465i
62.1	-0.2397-0.0931i	0.1747-0.1270i	-0.4557-0.4029i	-0.1056-0.3068i	0.1513-0.2068i	-0.2884-0.4189i	-0.2002-0.1565i
62.2	-0.2386-0.0952i	0.1541-0.0922i	-0.4514-0.3910i	-0.0971-0.3001i	0.1296-0.1691i	-0.3016-0.4203i	-0.2043-0.1429i
62.3	-0.2188-0.0684i	0.1161-0.1262i	-0.4501-0.3687i	-0.1191-0.3075i	0.0837-0.2038i	-0.3089-0.4235i	-0.1779-0.1084i

62.4	-0.2214-0.0829i	0.0960-0.1555i	-0.4442-0.3516i	-0.1148-0.2756i	0.0616-0.2237i	-0.3030-0.4033i	-0.1476-0.1340i
62.5	-0.2250-0.0978i	0.0837-0.1306i	-0.4108-0.3680i	-0.0992-0.2596i	0.0566-0.1886i	-0.3087-0.3856i	-0.1177-0.1337i
62.6	-0.2065-0.0725i	0.0839-0.0966i	-0.4041-0.3549i	-0.1172-0.2741i	0.0563-0.1663i	-0.3089-0.3775i	-0.1097-0.1348i
62.7	-0.2118-0.0649i	0.0906-0.1193i	-0.4117-0.3655i	-0.1168-0.2925i	0.0595-0.1904i	-0.2959-0.3884i	-0.1335-0.1429i
62.8	-0.2009-0.0590i	0.0334-0.1086i	-0.3877-0.3485i	-0.1042-0.2941i	0.0087-0.1813i	-0.2890-0.3963i	-0.1159-0.1480i
62.9	-0.1927-0.0611i	0.1009-0.1290i	-0.3987-0.3597i	-0.1082-0.2771i	0.0711-0.2044i	-0.2695-0.4057i	-0.0964-0.1451i
63.0	-0.1944-0.0645i	0.1015-0.1202i	-0.4072-0.3709i	-0.1087-0.2761i	0.0731-0.1947i	-0.2634-0.4046i	-0.1083-0.1556i
63.1	-0.1896-0.0620i	0.0966-0.0756i	-0.3839-0.3803i	-0.0911-0.2714i	0.0694-0.1461i	-0.2549-0.3887i	-0.1266-0.2105i
63.2	-0.1801-0.0668i	0.0445-0.0721i	-0.3809-0.3504i	-0.0977-0.2531i	0.0214-0.1415i	-0.2858-0.3717i	-0.0678-0.2054i
63.3	-0.1694-0.0520i	0.0419-0.0655i	-0.3700-0.3556i	-0.1038-0.2381i	0.0211-0.1319i	-0.2782-0.3564i	-0.0306-0.1974i
63.4	-0.1554-0.0720i	0.0968-0.0517i	-0.3624-0.3773i	-0.1054-0.2112i	0.0653-0.1153i	-0.2607-0.3475i	-0.0248-0.2536i
63.5	-0.1338-0.0554i	0.1113-0.1216i	-0.3669-0.3640i	-0.1357-0.2360i	0.0677-0.1822i	-0.2794-0.3623i	-0.0128-0.1963i
63.6	-0.1588-0.0425i	0.0686-0.0682i	-0.3702-0.3502i	-0.1054-0.2564i	0.0354-0.1320i	-0.2726-0.3608i	-0.0714-0.1894i
63.7	-0.1578-0.0633i	0.0390-0.0555i	-0.3664-0.3416i	-0.0971-0.2165i	0.0098-0.1187i	-0.2701-0.3349i	-0.0065-0.2319i
63.8	-0.1628-0.0632i	0.0998-0.0446i	-0.3748-0.3515i	-0.0995-0.2153i	0.0624-0.1141i	-0.2631-0.3364i	-0.0309-0.2801i
63.9	-0.1526-0.0565i	0.1371-0.0169i	-0.3735-0.3801i	-0.1058-0.2297i	0.0971-0.0883i	-0.2504-0.3534i	-0.0632-0.2712i
64.0	-0.1535-0.0336i	0.0869-0.0080i	-0.3631-0.3793i	-0.1045-0.2651i	0.0509-0.0830i	-0.2349-0.3556i	-0.0942-0.2511i
64.1	-0.1574-0.0523i	0.1101-0.0231i	-0.3433-0.3644i	-0.0759-0.2322i	0.0800-0.0910i	-0.2318-0.3189i	-0.0463-0.3146i
64.2	-0.1586-0.0429i	0.0837-0.0754i	-0.3618-0.3324i	-0.0837-0.2288i	0.0585-0.1328i	-0.2379-0.3245i	-0.0354-0.2837i
64.3	-0.1484-0.0485i	0.0529-0.0348i	-0.3636-0.3386i	-0.1064-0.2129i	0.0251-0.0954i	-0.2420-0.3041i	0.0002-0.3180i
64.4	-0.1475-0.0519i	0.0447-0.0063i	-0.3472-0.3245i	-0.1097-0.1836i	0.0072-0.0621i	-0.2440-0.2903i	0.0228-0.3407i
64.5	-0.1376-0.0562i	0.0684-0.0120i	-0.3437-0.3390i	-0.1150-0.1890i	0.0294-0.0672i	-0.2538-0.3020i	0.0029-0.3451i
64.6	-0.1561-0.0489i	0.0614+0.0348i	-0.3145-0.3610i	-0.0952-0.2165i	0.0318-0.0328i	-0.2318-0.3087i	-0.0370-0.3749i
64.7	-0.1568-0.0615i	0.0342+0.0131i	-0.3182-0.3517i	-0.0926-0.1909i	0.0154-0.0451i	-0.2271-0.2890i	0.0255-0.3826i
64.8	-0.1459-0.0836i	0.0835-0.0186i	-0.3270-0.3441i	-0.0924-0.1733i	0.0552-0.0713i	-0.2134-0.2856i	0.0346-0.3990i
64.9	-0.1506-0.0642i	0.0998+0.0115i	-0.3185-0.3273i	-0.0665-0.1716i	0.0749-0.0457i	-0.1858-0.2545i	0.0223-0.4271i
65.0	-0.1570-0.0286i	0.0422+0.0590i	-0.3210-0.3254i	-0.0896-0.1810i	0.0209-0.0056i	-0.1805-0.2591i	-0.0288-0.4119i
65.1	-0.1316-0.0496i	0.1227+0.0762i	-0.3142-0.3481i	-0.1108-0.1634i	0.0831+0.0154i	-0.1632-0.2954i	-0.0300-0.4106i
65.2	-0.1324-0.0609i	0.1279-0.0130i	-0.3223-0.3226i	-0.0997-0.1826i	0.0863-0.0682i	-0.1882-0.3115i	-0.0195-0.3796i
65.3	-0.1240-0.0491i	0.1045+0.0344i	-0.3062-0.3275i	-0.0933-0.1808i	0.0679-0.0223i	-0.1807-0.2950i	-0.0248-0.4199i
65.4	-0.1442-0.0643i	0.0404+0.0277i	-0.2910-0.3186i	-0.0707-0.1427i	0.0133-0.0240i	-0.1831-0.2686i	0.0122-0.4656i
65.5	-0.1390-0.0615i	0.1227+0.0382i	-0.3031-0.3297i	-0.0912-0.1296i	0.0876-0.0091i	-0.1713-0.2765i	-0.0144-0.4438i
65.6	-0.1251-0.0496i	0.1486+0.0323i	-0.3090-0.3269i	-0.1019-0.1324i	0.1107-0.0135i	-0.1690-0.3088i	-0.0435-0.4242i
65.7	-0.1460-0.0796i	0.1098-0.0048i	-0.2835-0.3242i	-0.0704-0.1248i	0.0810-0.0488i	-0.1556-0.3130i	-0.0085-0.4592i
65.8	-0.1788-0.0493i	0.1255+0.0148i	-0.2770-0.3147i	-0.0544-0.1689i	0.0943-0.0391i	-0.1323-0.3075i	-0.0785-0.4593i
65.9	-0.1808-0.0659i	0.1449-0.0119i	-0.2740-0.3095i	-0.0401-0.1468i	0.1124-0.0581i	-0.1209-0.2984i	-0.0619-0.5029i
66.0	-0.1363-0.0427i	0.1436+0.0126i	-0.2729-0.3077i	-0.0530-0.1319i	0.1162-0.0341i	-0.1281-0.3038i	-0.0239-0.4871i
66.1	-0.1427-0.0491i	0.0626-0.0480i	-0.2761-0.2621i	-0.0545-0.1044i	0.0415-0.0871i	-0.1663-0.2948i	-0.0050-0.4501i
66.2	-0.1283-0.0546i	0.1538+0.0007i	-0.2632-0.2827i	-0.0620-0.1074i	0.1253-0.0386i	-0.1388-0.2973i	-0.0475-0.4824i
66.3	-0.1353-0.0268i	0.1351+0.0321i	-0.2496-0.2802i	-0.0568-0.1241i	0.1020-0.0104i	-0.1286-0.2977i	-0.0562-0.4955i
66.4	-0.1369-0.0396i	0.1613+0.0672i	-0.2309-0.3048i	-0.0592-0.1224i	0.1256+0.0260i	-0.1088-0.2798i	-0.0675-0.5472i
66.5	-0.1480-0.0821i	0.1673-0.0261i	-0.2493-0.2926i	-0.0637-0.0991i	0.1380-0.0552i	-0.1400-0.3185i	-0.0566-0.5011i
66.6	-0.1489-0.0582i	0.1537-0.0005i	-0.2315-0.2937i	-0.0441-0.1026i	0.1275-0.0395i	-0.1112-0.3094i	-0.0713-0.5405i
66.7	-0.1484-0.0511i	0.1623+0.0345i	-0.2142-0.3042i	-0.0351-0.1059i	0.1346-0.0115i	-0.0929-0.2896i	-0.0606-0.5845i
66.8	-0.1513-0.0428i	0.2073+0.0688i	-0.2182-0.3079i	-0.0265-0.1062i	0.1788+0.0220i	-0.0768-0.2857i	-0.0895-0.5912i
66.9	-0.1741-0.0705i	0.2082-0.0092i	-0.2184-0.2995i	-0.0025-0.0914i	0.1794-0.0401i	-0.0814-0.2945i	-0.0973-0.5875i
67.0	-0.1785-0.0691i	0.1451-0.0506i	-0.2110-0.2900i	-0.0140-0.0993i	0.1179-0.0751i	-0.1153-0.2983i	-0.0827-0.5512i
67.1	-0.1497-0.0494i	0.1077-0.0338i	-0.1981-0.2758i	-0.0449-0.1056i	0.0807-0.0602i	-0.1225-0.3074i	-0.0767-0.5321i
67.2	-0.1447-0.0426i	0.1075+0.0471i	-0.1856-0.2916i	-0.0372-0.0995i	0.0893+0.0150i	-0.1160-0.2941i	-0.0773-0.6027i
67.3	-0.1299-0.0449i	0.1610+0.0644i	-0.1776-0.3044i	-0.0271-0.1026i	0.1463+0.0258i	-0.1037-0.3052i	-0.0907-0.5968i
67.4	-0.1533-0.0578i	0.1628+0.0095i	-0.1723-0.2982i	-0.0080-0.0813i	0.1466-0.0289i	-0.0962-0.3039i	-0.0546-0.6119i
67.5	-0.1526-0.0686i	0.1621+0.0200i	-0.1773-0.3067i	-0.0150-0.0922i	0.1387-0.0209i	-0.0734-0.3015i	-0.1049-0.6590i
67.6	-0.1264-0.0601i	0.1919+0.0689i	-0.1604-0.3181i	-0.0512-0.0951i	0.1619+0.0212i	-0.0618-0.3090i	-0.1280-0.6465i
67.7	-0.1476-0.0502i	0.2063+0.0742i	-0.1532-0.3182i	-0.0273-0.0763i	0.1819+0.0316i	-0.0601-0.2968i	-0.1198-0.6807i
67.8	-0.1554-0.0672i	0.2131+0.0766i	-0.1382-0.3220i	0.0073-0.0491i	0.1957+0.0463i	-0.0682-0.2681i	-0.0586-0.7282i
67.9	-0.1603-0.0607i	0.1929+0.0665i	-0.1364-0.3172i	0.0006-0.0558i	0.1729+0.0323i	-0.0680-0.2630i	-0.0841-0.7409i
68.0	-0.1711-0.0581i	0.1864+0.0352i	-0.1277-0.3141i	0.0162-0.0752i	0.1715-0.0008i	-0.0567-0.2708i	-0.1366-0.7526i
68.1	-0.1753-0.0483i	0.1859+0.0593i	-0.1253-0.3115i	0.0129-0.0630i	0.1753+0.0254i	-0.0627-0.2443i	-0.1231-0.7553i
68.2	-0.1839-0.0395i	0.2352+0.0679i	-0.1228-0.3296i	0.0081-0.0631i	0.2216+0.0326i	-0.0600-0.2665i	-0.1551-0.7231i
68.3	-0.1797-0.0434i	0.2169+0.0464i	-0.1245-0.3413i	0.0201-0.0725i	0.2050+0.0126i	-0.0565-0.2710i	-0.1491-0.7469i
68.4	-0.1775-0.0504i	0.2015+0.0444i	-0.0983-0.3304i	0.0429-0.0604i	0.1934+0.0103i	-0.0330-0.2435i	-0.0959-0.7642i
68.5	-0.1737-0.0419i	0.2063+0.0597i	-0.1001-0.3222i	0.0407-0.0494i	0.1973+0.0276i	-0.0409-0.2455i	-0.0896-0.7729i
68.6	-0.1719-0.0224i	0.2261+0.0417i	-0.0931-0.3315i	0.0309-0.0645i	0.2147+0.0075i	-0.0215-0.2541i	-0.1679-0.7635i

68.7	-0.1861-0.0436i	0.2115+0.0503i	-0.0958-0.3329i	0.0386-0.0679i	0.2035+0.0152i	-0.0117-0.2371i	-0.1860-0.8294i
68.8	-0.1810-0.0347i	0.2316+0.0669i	-0.0920-0.3407i	0.0468-0.0746i	0.2209+0.0358i	-0.0066-0.2279i	-0.2018-0.8535i
68.9	-0.1673-0.0450i	0.2283+0.0422i	-0.0831-0.3274i	0.0418-0.0668i	0.2181+0.0150i	-0.0043-0.2298i	-0.1760-0.8131i
69.0	-0.1885-0.0751i	0.2307+0.0380i	-0.0982-0.3010i	0.0497-0.0426i	0.2273+0.0212i	-0.0223-0.2252i	-0.1557-0.7771i
69.1	-0.1856-0.0424i	0.2453-0.0009i	-0.1063-0.3292i	0.0565-0.0662i	0.2388-0.0214i	0.0103-0.2437i	-0.2353-0.7704i
69.2	-0.1660-0.0163i	0.2660-0.0185i	-0.0863-0.3307i	0.0667-0.0867i	0.2611-0.0392i	0.0586-0.2614i	-0.2903-0.7587i
69.3	-0.1779-0.0124i	0.2406+0.0014i	-0.0734-0.3233i	0.0861-0.0731i	0.2413-0.0189i	0.0515-0.2407i	-0.2417-0.8043i
69.4	-0.1716-0.0207i	0.2324+0.0279i	-0.0678-0.3171i	0.0826-0.0592i	0.2303+0.0046i	0.0454-0.2301i	-0.2031-0.8457i
69.5	-0.1826-0.0236i	0.2424+0.0009i	-0.0660-0.3056i	0.0853-0.0494i	0.2387-0.0164i	0.0526-0.2472i	-0.1922-0.8361i
69.6	-0.1718-0.0185i	0.2717-0.0064i	-0.0551-0.3235i	0.0829-0.0529i	0.2676-0.0284i	0.0898-0.2378i	-0.2371-0.8927i
69.7	-0.1728-0.0422i	0.2673+0.0018i	-0.0482-0.3199i	0.0785-0.0621i	0.2655-0.0154i	0.0996-0.2336i	-0.2627-0.9003i
69.8	-0.1860-0.0251i	0.2778-0.0074i	-0.0381-0.3206i	0.0940-0.0773i	0.2857-0.0288i	0.0928-0.2318i	-0.2565-0.8615i
69.9	-0.1795-0.0116i	0.2758+0.0123i	-0.0296-0.3151i	0.1065-0.0725i	0.2885-0.0147i	0.1054-0.2085i	-0.2453-0.8697i
70.0	-0.1772-0.0198i	0.2913+0.0451i	0.0087-0.3200i	0.1051-0.0500i	0.2993+0.0141i	0.1465-0.1948i	-0.2193-0.9537i
70.1	-0.2025-0.0017i	0.3112+0.0226i	0.0198-0.3317i	0.1344-0.0469i	0.3212-0.0040i	0.1497-0.2192i	-0.2639-0.9397i
70.2	-0.2113-0.0181i	0.2839+0.0436i	0.0177-0.3646i	0.1281-0.0643i	0.2990+0.0195i	0.1502-0.2494i	-0.3075-0.9760i
70.3	-0.1934-0.0384i	0.3365+0.0166i	-0.0090-0.3704i	0.1656-0.0587i	0.3353+0.0063i	0.1473-0.2401i	-0.2749-0.9923i
70.4	-0.2101-0.0436i	0.2941-0.0151i	0.0256-0.3262i	0.1537-0.0530i	0.3067-0.0288i	0.1431-0.2032i	-0.2252-1.0157i
70.5	-0.2056-0.0180i	0.3187-0.0092i	0.0253-0.3170i	0.1542-0.0544i	0.3302-0.0290i	0.1692-0.2109i	-0.2514-1.0309i
70.6	-0.2283-0.0098i	0.3279-0.0258i	0.0256-0.3297i	0.1720-0.0900i	0.3457-0.0557i	0.2094-0.2139i	-0.2941-1.0720i
70.7	-0.2066-0.0284i	0.3306+0.0094i	0.0554-0.3438i	0.1697-0.0681i	0.3470-0.0173i	0.2347-0.1949i	-0.3097-1.1281i
70.8	-0.2226-0.0658i	0.3605+0.0281i	0.0588-0.3684i	0.1742-0.0522i	0.3729+0.0191i	0.2389-0.2160i	-0.3440-1.1817i
70.9	-0.2248-0.0545i	0.3513+0.0353i	0.0609-0.3773i	0.1676-0.0537i	0.3696+0.0173i	0.2403-0.2147i	-0.3930-1.1525i
71.0	-0.2215-0.0626i	0.3502+0.0509i	0.0757-0.3915i	0.1785-0.0531i	0.3633+0.0311i	0.2752-0.2261i	-0.4140-1.2282i
71.1	-0.2426-0.0683i	0.3744+0.0459i	0.0760-0.3922i	0.2002-0.0550i	0.3897+0.0268i	0.2765-0.2399i	-0.4423-1.2487i
71.2	-0.2972-0.0562i	0.4607+0.0492i	0.0825-0.3515i	0.2407-0.0350i	0.4857+0.0407i	0.3002-0.2058i	-0.4838-1.3419i
71.3	-0.2913-0.0627i	0.4396+0.0603i	0.0738-0.3541i	0.2315-0.0540i	0.4625+0.0490i	0.3046-0.1972i	-0.5034-1.3133i
71.4	-0.3133-0.0686i	0.4599+0.0801i	0.0937-0.3738i	0.2353-0.0513i	0.4810+0.0637i	0.3417-0.1837i	-0.5350-1.3595i
71.5	-0.3530-0.0707i	0.5583+0.0727i	0.0847-0.3637i	0.2745-0.0299i	0.5749+0.0718i	0.3668-0.2078i	-0.5836-1.4100i
71.6	-0.3866-0.0340i	0.5711+0.0174i	0.0950-0.3187i	0.2980-0.0475i	0.5967+0.0211i	0.3585-0.1869i	-0.6100-1.4089i
71.7	-0.4040+0.0006i	0.5917-0.0213i	0.1108-0.2884i	0.3312-0.0556i	0.6224-0.0178i	0.4047-0.1480i	-0.6592-1.4304i
71.8	-0.4037-0.0123i	0.6190-0.0167i	0.1199-0.2883i	0.3503-0.0731i	0.6518-0.0008i	0.4624-0.1835i	-0.7725-1.4369i
71.9	-0.4113-0.0080i	0.6502-0.0639i	0.1438-0.3047i	0.3653-0.1006i	0.6882-0.0436i	0.4899-0.2066i	-0.8211-1.3675i
72.0	-0.4359-0.0074i	0.6670-0.0800i	0.1623-0.2801i	0.3846-0.1112i	0.7145-0.0536i	0.5205-0.1891i	-0.8505-1.4021i
72.1	-0.4489+0.0099i	0.6969-0.0958i	0.1565-0.2722i	0.4138-0.1154i	0.7481-0.0730i	0.5317-0.1851i	-0.8262-1.5154i
72.2	-0.4274+0.0406i	0.6857-0.1242i	0.1839-0.2813i	0.4089-0.1201i	0.7438-0.0955i	0.5651-0.2258i	-0.8566-1.3958i
72.3	-0.4307+0.0580i	0.6782-0.1533i	0.2168-0.2346i	0.4248-0.1287i	0.7442-0.1199i	0.5838-0.1954i	-0.9227-1.4014i
72.4	-0.4606+0.0836i	0.6944-0.1881i	0.2475-0.2126i	0.4380-0.1541i	0.7675-0.1491i	0.5890-0.2020i	-1.0099-1.4029i
72.5	-0.4591+0.0776i	0.6991-0.1929i	0.2742-0.2264i	0.4311-0.1808i	0.7832-0.1531i	0.6480-0.2252i	-1.0803-1.3707i
72.6	-0.5034+0.1135i	0.7695-0.2173i	0.3317-0.2144i	0.5112-0.1932i	0.8739-0.1707i	0.7102-0.1874i	-1.1121-1.4470i
72.7	-0.5218+0.1563i	0.7798-0.2741i	0.3482-0.1931i	0.5090-0.2255i	0.8894-0.2381i	0.6896-0.2185i	-1.1274-1.3976i
72.8	-0.5419+0.1649i	0.8002-0.3225i	0.3633-0.1946i	0.5413-0.2615i	0.9221-0.2876i	0.7051-0.2382i	-1.1448-1.4373i
72.9	-0.5282+0.1777i	0.7903-0.3538i	0.4099-0.2050i	0.5496-0.2835i	0.9226-0.3183i	0.7478-0.2499i	-1.1300-1.4751i
73.0	-0.5499+0.2062i	0.8142-0.3875i	0.4526-0.1764i	0.5578-0.2986i	0.9556-0.3552i	0.8045-0.2299i	-1.1727-1.4860i
73.1	-0.5695+0.2511i	0.8507-0.4507i	0.5102-0.1830i	0.5827-0.3426i	1.0021-0.4177i	0.8452-0.2519i	-1.2380-1.4387i
73.2	-0.5874+0.2760i	0.8619-0.4696i	0.5168-0.2019i	0.5776-0.3422i	1.0208-0.4467i	0.8561-0.2748i	-1.2746-1.4149i
73.3	-0.6217+0.3125i	0.9078-0.5627i	0.5697-0.1807i	0.6176-0.4059i	1.0899-0.5312i	0.9198-0.2830i	-1.3454-1.4635i
73.4	-0.6203+0.3264i	0.8707-0.5905i	0.6191-0.2224i	0.5872-0.4602i	1.0626-0.5771i	0.9051-0.3291i	-1.3799-1.3981i
73.5	-0.5735+0.3852i	0.8038-0.6454i	0.6940-0.2598i	0.5673-0.4995i	1.0028-0.6509i	0.9990-0.3529i	-1.4262-1.3722i
73.6	-0.5910+0.4102i	0.8389-0.6967i	0.7125-0.2558i	0.6017-0.5137i	1.0443-0.6849i	1.0358-0.3483i	-1.4542-1.4704i
73.7	-0.5948+0.4677i	0.8581-0.7717i	0.7876-0.2856i	0.6337-0.5682i	1.0853-0.7701i	1.0804-0.3703i	-1.5055-1.5060i
73.8	-0.5704+0.4990i	0.7917-0.8129i	0.8354-0.2934i	0.5864-0.6256i	1.0254-0.8265i	1.1171-0.3644i	-1.5957-1.4149i
73.9	-0.5312+0.5109i	0.7487-0.8257i	0.9125-0.3469i	0.5675-0.6463i	0.9883-0.8581i	1.1902-0.4490i	-1.6062-1.3785i
74.0	-0.5799+0.5660i	0.8253-0.9348i	0.9498-0.3217i	0.6355-0.7065i	1.0871-0.9538i	1.2277-0.4475i	-1.6264-1.3944i
74.1	-0.5603+0.5780i	0.7865-0.9445i	1.0214-0.3453i	0.6185-0.7151i	1.0525-0.9685i	1.2931-0.4545i	-1.6427-1.4330i
74.2	-0.5064+0.6081i	0.7034-0.9691i	1.0209-0.4072i	0.5663-0.7320i	0.9679-1.0279i	1.2718-0.5171i	-1.6224-1.3440i
74.3	-0.5031+0.6911i	0.6939-1.0642i	1.1127-0.4507i	0.5578-0.7985i	0.9866-1.1356i	1.3516-0.5571i	-1.6958-1.2914i
74.4	-0.5036+0.7530i	0.6693-1.1221i	1.1784-0.4734i	0.5379-0.8429i	0.9817-1.2045i	1.3980-0.5503i	-1.7294-1.3143i
74.5	-0.5141+0.7809i	0.6601-1.1724i	1.2410-0.5029i	0.5363-0.8933i	0.9791-1.2620i	1.4968-0.5504i	-1.8161-1.4614i
74.6	-0.4888+0.8233i	0.6459-1.2298i	1.3139-0.5845i	0.5268-0.9502i	0.9699-1.3285i	1.6030-0.6661i	-1.9213-1.4770i
74.7	-0.4342+0.8934i	0.5616-1.3189i	1.3798-0.6255i	0.4864-1.0197i	0.8912-1.4281i	1.6777-0.7221i	-2.0147-1.4568i
74.8	-0.3803+0.8968i	0.4942-1.3427i	1.4210-0.6698i	0.4265-1.0541i	0.8271-1.4671i	1.7191-0.7651i	-2.1177-1.3644i
74.9	-0.3071+0.9288i	0.3576-1.3864i	1.4425-0.7760i	0.3276-1.1080i	0.6991-1.5416i	1.6971-0.8805i	-2.1499-1.1513i

75.0	-0.3435+0.9831i	0.3778-1.4546i	1.5112-0.8134i	0.3261-1.1453i	0.7345-1.6180i	1.7918-0.8625i	-2.1832-1.3533i
75.1	-0.3909+1.0289i	0.4265-1.5026i	1.5966-0.8658i	0.3531-1.1887i	0.8006-1.6792i	1.8909-0.9310i	-2.2470-1.5201i
75.2	-0.3798+1.0316i	0.4162-1.4628i	1.6519-0.9195i	0.3579-1.1493i	0.7940-1.6470i	1.8926-1.0256i	-2.2362-1.5062i
75.3	-0.2757+1.0663i	0.2574-1.5202i	1.7493-1.0331i	0.2754-1.2039i	0.6499-1.7347i	1.9692-1.1321i	-2.2828-1.3810i
75.4	-0.1892+1.1477i	0.1421-1.6208i	1.7258-1.1765i	0.1949-1.2866i	0.5317-1.8653i	1.9656-1.2791i	-2.4836-1.4046i
75.5	-0.1527+1.1721i	0.1079-1.6554i	1.7725-1.2646i	0.1558-1.3067i	0.5016-1.9183i	2.0299-1.3735i	-2.6667-1.3704i
75.6	-0.1106+1.1457i	0.0490-1.5823i	1.8333-1.3458i	0.1053-1.2529i	0.4439-1.8625i	2.0800-1.4636i	-2.6434-1.4055i
75.7	-0.0373+1.1726i	-0.0927-1.5935i	1.8973-1.5055i	-0.0012-1.2756i	0.3073-1.9119i	2.1329-1.6055i	-2.7574-1.3507i
75.8	-0.0007+1.2712i	-0.1631-1.7238i	1.9994-1.6905i	-0.0276-1.3882i	0.2652-2.0677i	2.2167-1.7788i	-3.0284-1.3939i
75.9	0.1314+1.3125i	-0.3118-1.7628i	2.0345-1.8901i	-0.1100-1.4373i	0.1187-2.1527i	2.2885-1.9900i	-3.1638-1.3613i
76.0	0.2112+1.2744i	-0.4272-1.6877i	1.9146-1.9683i	-0.2169-1.3878i	-0.0178-2.1064i	2.1617-2.0798i	-3.2016-1.1591i
76.1	0.2137+1.2643i	-0.4177-1.6398i	1.9952-2.0046i	-0.2073-1.3478i	-0.0012-2.0704i	2.2119-2.0620i	-3.1526-1.1817i
76.2	0.2934+1.3054i	-0.5496-1.6353i	2.0652-2.3006i	-0.3103-1.3701i	-0.1309-2.1322i	2.3579-2.3379i	-3.4899-1.1545i
76.3	0.3768+1.2990i	-0.6451-1.6024i	1.9631-2.4927i	-0.4097-1.3401i	-0.2485-2.1308i	2.2598-2.5854i	-3.6400-0.9389i
76.4	0.4543+1.3455i	-0.7077-1.6604i	1.9175-2.5862i	-0.4370-1.3803i	-0.3282-2.2176i	2.1869-2.6887i	-3.8162-0.9175i
76.5	0.4801+1.3371i	-0.7492-1.6000i	1.8543-2.7527i	-0.4729-1.3528i	-0.3814-2.1953i	2.1371-2.7893i	-3.7829-0.9042i
76.6	0.4829+1.3301i	-0.7435-1.5365i	1.8839-2.8673i	-0.4842-1.3157i	-0.3821-2.1562i	2.1895-2.8593i	-3.7997-0.9377i
76.7	0.6245+1.3365i	-0.9100-1.5520i	1.7855-3.0031i	-0.5797-1.2951i	-0.5747-2.2081i	2.1105-3.0301i	-3.9510-0.6787i
76.8	0.7286+1.3722i	-1.0196-1.5810i	1.6511-3.3192i	-0.6626-1.3260i	-0.7134-2.2905i	1.9813-3.3598i	-4.2778-0.4907i
76.9	0.8351+1.3564i	-1.0996-1.5579i	1.5165-3.4785i	-0.7206-1.3241i	-0.8380-2.3002i	1.8603-3.5336i	-4.4101-0.3119i
77.0	0.9110+1.3096i	-1.1515-1.4906i	1.4839-3.5121i	-0.7441-1.2926i	-0.9069-2.2425i	1.8456-3.5527i	-4.5831-0.1955i
77.1	0.9724+1.3251i	-1.2178-1.4747i	1.3812-3.5879i	-0.7904-1.2757i	-0.9932-2.2519i	1.7850-3.5918i	-4.6921+0.0388i
77.2	0.9944+1.2927i	-1.2351-1.4418i	1.2187-3.6359i	-0.8217-1.2494i	-1.0519-2.2279i	1.6264-3.6311i	-4.6779+0.1757i
77.3	1.1330+1.2759i	-1.3839-1.4166i	0.9127-4.0097i	-0.9427-1.2496i	-1.2680-2.2681i	1.3544-4.0032i	-4.9136+0.5847i
77.4	1.2414+1.2507i	-1.4386-1.3693i	0.7847-4.0395i	-0.9521-1.1919i	-1.3763-2.2232i	1.2631-4.0693i	-4.8824+0.6928i
77.5	1.3146+1.1590i	-1.5198-1.2543i	0.6141-4.0126i	-1.0102-1.1323i	-1.4899-2.0961i	1.1512-4.0547i	-4.7737+0.9903i
77.6	1.4602+1.1064i	-1.6535-1.2112i	0.4522-4.1115i	-1.1038-1.1218i	-1.6694-2.0661i	1.0259-4.1967i	-4.8447+1.2606i
77.7	1.5510+1.0085i	-1.7480-1.0973i	0.2445-4.1938i	-1.1825-1.0347i	-1.8103-1.9581i	0.8448-4.3396i	-4.7432+1.5720i
77.8	1.6096+0.9321i	-1.7802-0.9978i	0.1303-4.1639i	-1.2065-0.9615i	-1.8757-1.8551i	0.7508-4.3524i	-4.7950+1.7575i
77.9	1.7007+0.8537i	-1.8775-0.9022i	-0.1040-4.2013i	-1.2767-0.8885i	-2.0295-1.7677i	0.5448-4.4448i	-4.8109+2.0311i
78.0	1.7281+0.8341i	-1.8891-0.8734i	-0.2088-4.3044i	-1.2677-0.8477i	-2.0752-1.7542i	0.4406-4.5743i	-4.7956+2.1637i
78.1	1.8239+0.7933i	-1.9322-0.8035i	-0.3871-4.3076i	-1.2895-0.7940i	-2.1739-1.6999i	0.3059-4.5959i	-4.7601+2.2140i
78.2	1.9538+0.7229i	-2.0318-0.7115i	-0.6251-4.2969i	-1.3635-0.7148i	-2.3442-1.6077i	0.1047-4.6567i	-4.7894+2.4295i
78.3	2.0647+0.5008i	-2.1240-0.4647i	-0.7824-4.2338i	-1.4008-0.5554i	-2.5003-1.3381i	-0.1081-4.7067i	-4.5224+2.9388i
78.4	2.0375+0.4717i	-2.0935-0.4050i	-0.9943-4.1640i	-1.3918-0.4773i	-2.5046-1.2687i	-0.3563-4.6287i	-4.2731+2.9872i
78.5	2.0489+0.3543i	-2.0516-0.3013i	-1.2030-4.0233i	-1.3401-0.3992i	-2.5179-1.1282i	-0.6076-4.5527i	-4.0269+3.1569i
78.6	2.0758+0.0965i	-2.0463-0.0705i	-1.4666-3.7876i	-1.3112-0.2466i	-2.5830-0.8176i	-0.9390-4.4115i	-3.7684+3.4934i
78.7	2.0433-0.0605i	-1.9920+0.0661i	-1.4332-3.5308i	-1.2621-0.1765i	-2.5307-0.6017i	-0.9124-4.1131i	-3.6523+3.7170i
78.8	1.9157-0.1624i	-1.8377+0.1297i	-1.2993-3.1782i	-1.1403-0.1490i	-2.3417-0.4709i	-0.8074-3.7337i	-3.2855+3.7116i
78.9	1.7472-0.2100i	-1.6523+0.1649i	-0.8348-2.9207i	-0.9787-0.1286i	-2.0630-0.3996i	-0.3860-3.4720i	-2.9193+3.5187i
79.0	1.6927-0.0530i	-1.5960+0.0006i	-0.2772-3.2273i	-0.8984-0.2788i	-1.9159-0.6519i	0.2278-3.7503i	-3.0056+3.0861i
79.1	1.8457+0.0368i	-1.7057-0.1330i	-0.4090-4.0152i	-0.9651-0.4441i	-2.1320-0.9218i	0.1445-4.5694i	-3.3470+3.0729i
79.2	2.1735-0.1770i	-1.9863+0.0287i	-1.1078-4.3331i	-1.1636-0.3755i	-2.6369-0.7421i	-0.5210-5.0015i	-3.7001+3.6397i
79.3	2.2328-0.3337i	-2.0434+0.1499i	-1.2358-4.2169i	-1.1765-0.3125i	-2.7494-0.5439i	-0.6945-4.9405i	-3.6406+4.0131i
79.4	2.1831-0.4909i	-2.0082+0.2545i	-1.2974-3.9960i	-1.1424-0.2898i	-2.7249-0.3305i	-0.7911-4.7152i	-3.5199+4.0624i
79.5	2.0949-0.6508i	-1.9422+0.3627i	-1.3528-3.8238i	-1.1186-0.2603i	-2.6433-0.1148i	-0.8620-4.5575i	-3.2777+4.2842i
79.6	2.0483-0.8548i	-1.9452+0.5291i	-1.3437-3.7885i	-1.1351-0.1758i	-2.6434+0.1241i	-0.9085-4.6062i	-2.9220+4.7157i
79.7	1.9658-0.9434i	-1.8988+0.5893i	-1.4016-3.6901i	-1.1229-0.1554i	-2.5676+0.2584i	-1.0194-4.4839i	-2.8094+4.6404i
79.8	1.9137-1.0597i	-1.8565+0.6739i	-1.4752-3.7362i	-1.1190-0.1427i	-2.5043+0.3790i	-1.0943-4.5158i	-2.7061+4.6802i
79.9	1.9260-1.1952i	-1.8920+0.8091i	-1.4939-3.7815i	-1.1190-0.0880i	-2.5073+0.5302i	-1.1107-4.6304i	-2.3198+5.1677i
80.0	1.7710-1.2518i	-1.7669+0.8771i	-1.5196-3.8322i	-1.0598-0.0543i	-2.3408+0.6266i	-1.2033-4.6763i	-1.9793+5.1386i

2.2 Coherence Data

2.2.1 Run 1 – IP000 – Accels 1–8

In-plane shaking at 0°. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.9691	0.7750	0.9880	0.9934	0.0033	0.5266	0.7277	0.8204
0.1	0.0373	0.0002	0.0033	0.0016	0.0077	0.0436	0.0404	0.0249
0.2	0.0522	0.0373	0.0373	0.0471	0.0614	0.0511	0.0313	0.0163
0.3	0.0315	0.0090	0.0169	0.0134	0.0144	0.0265	0.0146	0.0192
0.4	0.0153	0.0099	0.0034	0.0073	0.0199	0.0226	0.0080	0.0056
0.5	0.0829	0.0106	0.0021	0.0142	0.0268	0.0448	0.0729	0.0193
0.6	0.0037	0.0433	0.0112	0.0719	0.0005	0.0066	0.0187	0.0087
0.7	0.0026	0.0060	0.0304	0.0394	0.0244	0.0686	0.0128	0.0299
0.8	0.0057	0.0961	0.0301	0.0009	0.0374	0.0332	0.0106	0.0089
0.9	0.2182	0.1922	0.0045	0.0043	0.0499	0.0381	0.0395	0.0492
1.0	0.4472	0.5799	0.1537	0.0304	0.0531	0.0114	0.0199	0.0166
1.1	0.2240	0.7359	0.3968	0.0053	0.1618	0.0166	0.0170	0.0625
1.2	0.7452	0.9216	0.6169	0.0095	0.6516	0.0062	0.0134	0.2065
1.3	0.7966	0.8466	0.3325	0.0109	0.5297	0.0450	0.0022	0.4358
1.4	0.9319	0.9627	0.0181	0.0000	0.8621	0.0029	0.0116	0.6781
1.5	0.9746	0.9837	0.6457	0.0516	0.9482	0.0217	0.0092	0.9058
1.6	0.9925	0.9950	0.7723	0.0936	0.9810	0.3557	0.0748	0.8013
1.7	0.9961	0.9966	0.6238	0.3719	0.9926	0.5203	0.1913	0.9668
1.8	0.9987	0.9989	0.8082	0.7189	0.9973	0.7641	0.4531	0.9925
1.9	0.9995	0.9995	0.8301	0.8873	0.9992	0.9071	0.7622	0.9981
2.0	0.9997	0.9997	0.9234	0.9465	0.9996	0.9577	0.8873	0.9990
2.1	0.9991	0.9992	0.9167	0.9394	0.9990	0.9235	0.8612	0.9985
2.2	0.9922	0.9929	0.8309	0.8941	0.9907	0.5869	0.7199	0.9874
2.3	0.9234	0.9229	0.8354	0.8629	0.9227	0.1691	0.6485	0.9269
2.4	0.9849	0.9847	0.9241	0.9096	0.9859	0.3330	0.6726	0.9856
2.5	0.9962	0.9959	0.9296	0.8875	0.9969	0.5972	0.6403	0.9962
2.6	0.9975	0.9968	0.9179	0.8923	0.9985	0.7046	0.5469	0.9980
2.7	0.9986	0.9980	0.9304	0.9334	0.9991	0.8231	0.5767	0.9987
2.8	0.9990	0.9987	0.9235	0.9365	0.9996	0.8877	0.5036	0.9993
2.9	0.9988	0.9981	0.9012	0.9328	0.9997	0.8814	0.3570	0.9992
3.0	0.9988	0.9980	0.8926	0.9395	0.9998	0.9184	0.1426	0.9996
3.1	0.9984	0.9959	0.7808	0.9713	0.9998	0.9470	0.1066	0.9997
3.2	0.9978	0.9910	0.2612	0.9556	0.9999	0.9517	0.4515	0.9997
3.3	0.9932	0.9748	0.2479	0.9277	0.9998	0.9341	0.6215	0.9997
3.4	0.9655	0.9911	0.6295	0.8805	0.9998	0.8971	0.6562	0.9993
3.5	0.9780	0.9951	0.8135	0.8355	0.9997	0.8846	0.7530	0.9993
3.6	0.9935	0.9973	0.9108	0.7676	0.9996	0.8817	0.8302	0.9993
3.7	0.9970	0.9982	0.9203	0.6349	0.9995	0.8484	0.8671	0.9991
3.8	0.9982	0.9990	0.9482	0.5193	0.9994	0.8598	0.8986	0.9991
3.9	0.9986	0.9991	0.9533	0.3484	0.9994	0.8322	0.9253	0.9990
4.0	0.9984	0.9988	0.9516	0.0750	0.9993	0.7596	0.9194	0.9987
4.1	0.9987	0.9990	0.9593	0.0124	0.9991	0.7780	0.9239	0.9985
4.2	0.9989	0.9992	0.9643	0.2267	0.9990	0.7155	0.9430	0.9982
4.3	0.9989	0.9992	0.9646	0.2569	0.9987	0.6016	0.9323	0.9973
4.4	0.9993	0.9994	0.9653	0.5792	0.9988	0.5412	0.9341	0.9978
4.5	0.9994	0.9994	0.9800	0.7268	0.9990	0.7252	0.9629	0.9983
4.6	0.9993	0.9994	0.9792	0.7295	0.9982	0.7158	0.9663	0.9977
4.7	0.9989	0.9990	0.9733	0.7735	0.9982	0.5283	0.9573	0.9969
4.8	0.9990	0.9993	0.9751	0.8119	0.9974	0.4569	0.9650	0.9964
4.9	0.9991	0.9993	0.9752	0.8745	0.9972	0.4226	0.9614	0.9959
5.0	0.9989	0.9992	0.9741	0.8785	0.9974	0.4638	0.9703	0.9962
5.1	0.9990	0.9991	0.9800	0.9072	0.9961	0.4194	0.9747	0.9945
5.2	0.9993	0.9994	0.9809	0.9465	0.9959	0.4698	0.9830	0.9966
5.3	0.9991	0.9992	0.9828	0.9521	0.9960	0.4646	0.9825	0.9959
5.4	0.9990	0.9990	0.9821	0.9710	0.9951	0.2988	0.9852	0.9960
5.5	0.9994	0.9994	0.9836	0.9785	0.9960	0.5436	0.9891	0.9960
5.6	0.9993	0.9994	0.9867	0.9812	0.9955	0.6052	0.9911	0.9968
5.7	0.9994	0.9995	0.9903	0.9913	0.9959	0.5144	0.9938	0.9969
5.8	0.9993	0.9993	0.9874	0.9877	0.9955	0.6186	0.9932	0.9967
5.9	0.9993	0.9994	0.9855	0.9840	0.9929	0.6379	0.9937	0.9966
6.0	0.9989	0.9991	0.9850	0.9892	0.9924	0.6793	0.9935	0.9954
6.1	0.9990	0.9991	0.9879	0.9897	0.9930	0.6444	0.9925	0.9952
6.2	0.9990	0.9990	0.9885	0.9900	0.9928	0.6017	0.9944	0.9964
6.3	0.9991	0.9992	0.9912	0.9944	0.9923	0.7354	0.9959	0.9965
6.4	0.9988	0.9990	0.9874	0.9945	0.9897	0.6339	0.9960	0.9959
6.5	0.9986	0.9988	0.9841	0.9707	0.9897	0.5110	0.9854	0.9956
6.6	0.9991	0.9991	0.9888	0.9963	0.9894	0.6379	0.9972	0.9960
6.7	0.9988	0.9989	0.9914	0.9966	0.9866	0.5895	0.9974	0.9959
6.8	0.9993	0.9994	0.9923	0.9978	0.9891	0.6083	0.9984	0.9968
6.9	0.9990	0.9991	0.9931	0.9975	0.9926	0.6388	0.9979	0.9978
7.0	0.9988	0.9988	0.9939	0.9970	0.9891	0.4782	0.9975	0.9971
7.1	0.9982	0.9983	0.9923	0.9960	0.9911	0.5229	0.9967	0.9976
7.2	0.9977	0.9979	0.9897	0.9974	0.9922	0.5473	0.9973	0.9970
7.3	0.9979	0.9979	0.9855	0.9973	0.9950	0.1423	0.9969	0.9958
7.4	0.9969	0.9971	0.9657	0.9973	0.9920	0.5109	0.9970	0.9931
7.5	0.9956	0.9963	0.9329	0.9961	0.9887	0.7468	0.9950	0.9697
7.6	0.9972	0.9977	0.9719	0.9962	0.9902	0.6333	0.9940	0.9793
7.7	0.9988	0.9989	0.9839	0.9980	0.9924	0.4297	0.9968	0.9890

7.8	0.9990	0.9991	0.9893	0.9983	0.9929	0.4568	0.9964	0.9949
7.9	0.9988	0.9989	0.9908	0.9983	0.9911	0.3491	0.9951	0.9928
8.0	0.9983	0.9986	0.9835	0.9979	0.9899	0.4533	0.9940	0.9917
8.1	0.9986	0.9988	0.9889	0.9964	0.9916	0.3736	0.9906	0.9940
8.2	0.9981	0.9983	0.9843	0.9977	0.9915	0.3324	0.9938	0.9951
8.3	0.9973	0.9977	0.9796	0.9982	0.9929	0.4432	0.9954	0.9946
8.4	0.9982	0.9985	0.9843	0.9985	0.9901	0.3082	0.9965	0.9951
8.5	0.9984	0.9987	0.9866	0.9989	0.9917	0.4763	0.9968	0.9971
8.6	0.9985	0.9986	0.9901	0.9988	0.9921	0.4519	0.9973	0.9972
8.7	0.9989	0.9990	0.9908	0.9990	0.9919	0.4783	0.9969	0.9977
8.8	0.9986	0.9988	0.9936	0.9987	0.9921	0.6190	0.9970	0.9981
8.9	0.9990	0.9991	0.9953	0.9988	0.9923	0.5155	0.9973	0.9981
9.0	0.9983	0.9985	0.9955	0.9979	0.9898	0.5852	0.9963	0.9975
9.1	0.9976	0.9977	0.9911	0.9974	0.9898	0.7495	0.9968	0.9962
9.2	0.9978	0.9979	0.9929	0.9975	0.9893	0.7342	0.9972	0.9961
9.3	0.9977	0.9978	0.9948	0.9970	0.9935	0.8429	0.9962	0.9967
9.4	0.9982	0.9982	0.9959	0.9978	0.9971	0.9126	0.9960	0.9977
9.5	0.9984	0.9985	0.9952	0.9982	0.9974	0.9329	0.9958	0.9982
9.6	0.9972	0.9971	0.9892	0.9975	0.9978	0.8835	0.9926	0.9965
9.7	0.9972	0.9973	0.9863	0.9983	0.9975	0.8765	0.9914	0.9976
9.8	0.9957	0.9964	0.9715	0.9981	0.9970	0.8476	0.9899	0.9964
9.9	0.9958	0.9967	0.9608	0.9976	0.9976	0.7849	0.9861	0.9963
10.0	0.9960	0.9971	0.9433	0.9972	0.9966	0.7460	0.9807	0.9945
10.1	0.9963	0.9970	0.9459	0.9972	0.9966	0.6658	0.9874	0.9941
10.2	0.9981	0.9983	0.9639	0.9973	0.9969	0.5914	0.9890	0.9933
10.3	0.9980	0.9984	0.9601	0.9962	0.9958	0.5792	0.9893	0.9895
10.4	0.9980	0.9984	0.9737	0.9963	0.9973	0.5450	0.9896	0.9884
10.5	0.9974	0.9979	0.9692	0.9950	0.9963	0.3281	0.9831	0.9858
10.6	0.9974	0.9978	0.9737	0.9907	0.9952	0.1749	0.9772	0.9723
10.7	0.9978	0.9983	0.9805	0.9921	0.9958	0.2377	0.9836	0.9662
10.8	0.9975	0.9982	0.9773	0.9926	0.9972	0.2384	0.9837	0.9636
10.9	0.9968	0.9973	0.9672	0.9879	0.9960	0.3234	0.9763	0.9340
11.0	0.9971	0.9976	0.9684	0.9827	0.9939	0.1338	0.9709	0.9185
11.1	0.9979	0.9983	0.9804	0.9880	0.9965	0.1257	0.9792	0.9002
11.2	0.9975	0.9981	0.9716	0.9722	0.9955	0.1722	0.9837	0.8293
11.3	0.9965	0.9974	0.9596	0.9717	0.9957	0.1001	0.9774	0.8197
11.4	0.9972	0.9978	0.9375	0.9713	0.9960	0.2993	0.9739	0.7924
11.5	0.9975	0.9980	0.9124	0.9593	0.9963	0.4043	0.9771	0.7312
11.6	0.9974	0.9978	0.7639	0.9591	0.9954	0.4293	0.9780	0.6203
11.7	0.9970	0.9975	0.5405	0.9657	0.9953	0.3592	0.9729	0.4794
11.8	0.9964	0.9971	0.5949	0.9633	0.9951	0.2606	0.9774	0.6030
11.9	0.9972	0.9977	0.8569	0.9751	0.9957	0.0656	0.9731	0.7440
12.0	0.9971	0.9976	0.9270	0.9748	0.9939	0.1035	0.9672	0.8383
12.1	0.9973	0.9976	0.9612	0.9856	0.9951	0.1010	0.9698	0.8581
12.2	0.9961	0.9961	0.9610	0.9825	0.9914	0.0047	0.9750	0.8258
12.3	0.9966	0.9967	0.9665	0.9883	0.9939	0.0097	0.9735	0.9016
12.4	0.9972	0.9973	0.9682	0.9910	0.9951	0.0356	0.9789	0.8776
12.5	0.9966	0.9969	0.9655	0.9918	0.9949	0.1201	0.9791	0.9106
12.6	0.9971	0.9973	0.9746	0.9934	0.9960	0.1529	0.9784	0.9355
12.7	0.9978	0.9979	0.9815	0.9935	0.9965	0.3655	0.9763	0.9578
12.8	0.9978	0.9979	0.9798	0.9931	0.9943	0.4075	0.9668	0.9519
12.9	0.9979	0.9980	0.9801	0.9913	0.9946	0.3696	0.9546	0.9486
13.0	0.9985	0.9985	0.9875	0.9920	0.9963	0.5471	0.9501	0.9608
13.1	0.9976	0.9976	0.9819	0.9917	0.9970	0.6598	0.9226	0.9663
13.2	0.9973	0.9973	0.9792	0.9862	0.9964	0.5963	0.9112	0.9708
13.3	0.9975	0.9976	0.9824	0.9899	0.9959	0.5683	0.8880	0.9702
13.4	0.9965	0.9966	0.9806	0.9878	0.9938	0.6056	0.8786	0.9718
13.5	0.9963	0.9965	0.9770	0.9869	0.9952	0.6183	0.9097	0.9786
13.6	0.9967	0.9968	0.9803	0.9887	0.9959	0.6971	0.9035	0.9850
13.7	0.9950	0.9951	0.9730	0.9830	0.9937	0.7018	0.8828	0.9805
13.8	0.9955	0.9956	0.9775	0.9865	0.9943	0.7992	0.8683	0.9863
13.9	0.9955	0.9956	0.9747	0.9865	0.9956	0.8499	0.8399	0.9845
14.0	0.9966	0.9966	0.9803	0.9903	0.9966	0.8575	0.8652	0.9840
14.1	0.9969	0.9970	0.9823	0.9899	0.9957	0.9020	0.8716	0.9817
14.2	0.9966	0.9966	0.9793	0.9894	0.9968	0.8702	0.8345	0.9855
14.3	0.9953	0.9954	0.9764	0.9847	0.9955	0.8900	0.8166	0.9818
14.4	0.9951	0.9951	0.9719	0.9858	0.9952	0.8682	0.6983	0.9845
14.5	0.9964	0.9965	0.9756	0.9867	0.9961	0.8591	0.6818	0.9835
14.6	0.9945	0.9946	0.9578	0.9829	0.9950	0.7816	0.4002	0.9780
14.7	0.9951	0.9952	0.9596	0.9858	0.9952	0.8747	0.4697	0.9864
14.8	0.9958	0.9959	0.9624	0.9837	0.9954	0.8356	0.5061	0.9822
14.9	0.9929	0.9930	0.9406	0.9807	0.9926	0.7901	0.6155	0.9836
15.0	0.9942	0.9943	0.9315	0.9854	0.9947	0.7695	0.6701	0.9811
15.1	0.9927	0.9928	0.8994	0.9826	0.9921	0.7780	0.6846	0.9751
15.2	0.9935	0.9935	0.9036	0.9818	0.9930	0.7456	0.7003	0.9825
15.3	0.9934	0.9935	0.9007	0.9799	0.9932	0.7323	0.6169	0.9801
15.4	0.9923	0.9924	0.8940	0.9848	0.9928	0.7881	0.6901	0.9790
15.5	0.9919	0.9919	0.9220	0.9876	0.9923	0.7825	0.7509	0.9819
15.6	0.9929	0.9930	0.9446	0.9882	0.9928	0.8325	0.7882	0.9864
15.7	0.9912	0.9912	0.9410	0.9906	0.9911	0.8098	0.8787	0.9866
15.8	0.9894	0.9894	0.9438	0.9894	0.9896	0.7970	0.8247	0.9834
15.9	0.9869	0.9870	0.9305	0.9871	0.9897	0.7668	0.8134	0.9843
16.0	0.9873	0.9874	0.9485	0.9861	0.9890	0.8491	0.8261	0.9850
16.1	0.9854	0.9854	0.9430	0.9831	0.9869	0.8697	0.8074	0.9828
16.2	0.9840	0.9841	0.9331	0.9845	0.9841	0.8970	0.8592	0.9757
16.3	0.9757	0.9759	0.8901	0.9799	0.9791	0.9007	0.8428	0.9707

16.4	0.9773	0.9774	0.9270	0.9766	0.9819	0.9391	0.9008	0.9724
16.5	0.9784	0.9786	0.9357	0.9776	0.9819	0.9343	0.9415	0.9727
16.6	0.9727	0.9729	0.9513	0.9722	0.9775	0.9280	0.9396	0.9705
16.7	0.9751	0.9752	0.9569	0.9765	0.9816	0.9129	0.9422	0.9761
16.8	0.9724	0.9727	0.9474	0.9720	0.9770	0.8829	0.9345	0.9694
16.9	0.9684	0.9686	0.9388	0.9686	0.9732	0.8557	0.9213	0.9695
17.0	0.9812	0.9813	0.9367	0.9799	0.9834	0.8620	0.9547	0.9794
17.1	0.9868	0.9869	0.9343	0.9863	0.9885	0.8702	0.9711	0.9857
17.2	0.9888	0.9889	0.9704	0.9880	0.9889	0.8166	0.9784	0.9852
17.3	0.9917	0.9918	0.9523	0.9909	0.9911	0.6644	0.9767	0.9918
17.4	0.9927	0.9928	0.8415	0.9922	0.9921	0.7104	0.9852	0.9905
17.5	0.9942	0.9942	0.9189	0.9922	0.9917	0.8129	0.9864	0.9905
17.6	0.9953	0.9953	0.9359	0.9942	0.9920	0.7422	0.9863	0.9925
17.7	0.9967	0.9968	0.8564	0.9954	0.9952	0.8339	0.9917	0.9945
17.8	0.9970	0.9970	0.5434	0.9950	0.9956	0.8883	0.9891	0.9958
17.9	0.9977	0.9978	0.7306	0.9962	0.9953	0.9238	0.9914	0.9956
18.0	0.9980	0.9981	0.8405	0.9965	0.9962	0.9179	0.9930	0.9961
18.1	0.9983	0.9983	0.8616	0.9975	0.9961	0.9473	0.9944	0.9961
18.2	0.9988	0.9988	0.9116	0.9977	0.9970	0.9480	0.9928	0.9973
18.3	0.9988	0.9988	0.9585	0.9978	0.9970	0.9637	0.9939	0.9972
18.4	0.9987	0.9987	0.9672	0.9977	0.9960	0.9666	0.9913	0.9963
18.5	0.9991	0.9991	0.9820	0.9984	0.9957	0.9763	0.9933	0.9969
18.6	0.9991	0.9991	0.9925	0.9986	0.9958	0.9766	0.9867	0.9976
18.7	0.9993	0.9993	0.9847	0.9989	0.9958	0.9570	0.9944	0.9977
18.8	0.9992	0.9993	0.9590	0.9987	0.9957	0.9578	0.9949	0.9977
18.9	0.9992	0.9992	0.9290	0.9982	0.9945	0.9489	0.9956	0.9973
19.0	0.9993	0.9993	0.9268	0.9985	0.9945	0.9666	0.9964	0.9971
19.1	0.9994	0.9994	0.8984	0.9987	0.9959	0.9660	0.9978	0.9972
19.2	0.9995	0.9995	0.7971	0.9985	0.9959	0.9753	0.9978	0.9972
19.3	0.9994	0.9994	0.5181	0.9986	0.9945	0.9767	0.9976	0.9970
19.4	0.9994	0.9994	0.1395	0.9985	0.9951	0.9810	0.9981	0.9974
19.5	0.9995	0.9995	0.6885	0.9983	0.9947	0.9824	0.9978	0.9962
19.6	0.9993	0.9993	0.8394	0.9980	0.9925	0.9787	0.9978	0.9945
19.7	0.9993	0.9993	0.9128	0.9976	0.9917	0.9844	0.9967	0.9940
19.8	0.9996	0.9995	0.9574	0.9980	0.9892	0.9848	0.9980	0.9930
19.9	0.9994	0.9994	0.9643	0.9973	0.9856	0.9865	0.9970	0.9927
20.0	0.9993	0.9993	0.9480	0.9968	0.9847	0.9756	0.9968	0.9881
20.1	0.9992	0.9992	0.9184	0.9953	0.9833	0.9729	0.9961	0.9842
20.2	0.9991	0.9991	0.9171	0.9951	0.9796	0.9746	0.9968	0.9821
20.3	0.9990	0.9990	0.9107	0.9938	0.9691	0.9547	0.9948	0.9704
20.4	0.9990	0.9989	0.9409	0.9921	0.9699	0.9737	0.9958	0.9702
20.5	0.9990	0.9990	0.9437	0.9910	0.9617	0.9740	0.9953	0.9678
20.6	0.9988	0.9987	0.9409	0.9918	0.9635	0.9741	0.9961	0.9647
20.7	0.9991	0.9991	0.9522	0.9928	0.9677	0.9751	0.9963	0.9620
20.8	0.9989	0.9989	0.9640	0.9901	0.9637	0.9754	0.9958	0.9646
20.9	0.9991	0.9991	0.9698	0.9888	0.9550	0.9754	0.9962	0.9549
21.0	0.9988	0.9987	0.9468	0.9889	0.9495	0.9615	0.9953	0.9480
21.1	0.9986	0.9985	0.9327	0.9862	0.9554	0.9716	0.9945	0.9472
21.2	0.9986	0.9985	0.9442	0.9848	0.9438	0.9719	0.9920	0.9410
21.3	0.9990	0.9989	0.9452	0.9826	0.9503	0.9707	0.9938	0.9461
21.4	0.9987	0.9986	0.9432	0.9738	0.9508	0.9622	0.9907	0.9458
21.5	0.9989	0.9988	0.9536	0.9815	0.9511	0.9659	0.9928	0.9456
21.6	0.9992	0.9992	0.9534	0.9873	0.9561	0.9667	0.9954	0.9508
21.7	0.9990	0.9989	0.9379	0.9852	0.9528	0.9539	0.9948	0.9462
21.8	0.9985	0.9984	0.9046	0.9777	0.9471	0.9480	0.9928	0.9500
21.9	0.9987	0.9986	0.9045	0.9632	0.9456	0.9238	0.9916	0.9431
22.0	0.9986	0.9986	0.8829	0.9692	0.9313	0.9237	0.9912	0.9497
22.1	0.9987	0.9987	0.8087	0.9527	0.9295	0.9082	0.9895	0.9487
22.2	0.9985	0.9984	0.7745	0.9540	0.9310	0.9059	0.9895	0.9584
22.3	0.9986	0.9985	0.6423	0.9129	0.9350	0.8954	0.9866	0.9485
22.4	0.9991	0.9991	0.4360	0.8778	0.9405	0.8434	0.9841	0.9637
22.5	0.9991	0.9990	0.5890	0.7773	0.9097	0.8251	0.9700	0.9361
22.6	0.9988	0.9988	0.7123	0.8191	0.8984	0.8287	0.9795	0.9355
22.7	0.9987	0.9986	0.8063	0.8705	0.8971	0.7865	0.9856	0.9516
22.8	0.9987	0.9987	0.8199	0.8663	0.8883	0.7560	0.9887	0.9459
22.9	0.9990	0.9990	0.8316	0.8348	0.9106	0.7198	0.9913	0.9535
23.0	0.9988	0.9988	0.8336	0.8050	0.8955	0.7386	0.9888	0.9608
23.1	0.9985	0.9985	0.8641	0.8219	0.8822	0.6816	0.9882	0.9578
23.2	0.9984	0.9983	0.8394	0.7515	0.9009	0.6822	0.9878	0.9570
23.3	0.9981	0.9980	0.8219	0.7234	0.8965	0.6435	0.9859	0.9614
23.4	0.9983	0.9983	0.8770	0.6779	0.8604	0.7022	0.9856	0.9533
23.5	0.9986	0.9985	0.9071	0.6559	0.8865	0.7306	0.9906	0.9596
23.6	0.9987	0.9986	0.8935	0.6556	0.8920	0.7622	0.9905	0.9714
23.7	0.9986	0.9985	0.8436	0.5317	0.8764	0.7110	0.9848	0.9634
23.8	0.9982	0.9982	0.8589	0.5645	0.8587	0.7069	0.9823	0.9617
23.9	0.9979	0.9979	0.8844	0.6458	0.8673	0.7189	0.9860	0.9707
24.0	0.9976	0.9975	0.8963	0.6146	0.8474	0.6482	0.9790	0.9665
24.1	0.9980	0.9979	0.9102	0.6916	0.8330	0.6462	0.9807	0.9731
24.2	0.9984	0.9983	0.9130	0.7911	0.8409	0.7352	0.9829	0.9774
24.3	0.9976	0.9975	0.9166	0.7766	0.8175	0.6284	0.9800	0.9577
24.4	0.9979	0.9978	0.9131	0.7429	0.8013	0.5779	0.9753	0.9565
24.5	0.9986	0.9986	0.9586	0.8485	0.8688	0.7093	0.9856	0.9728
24.6	0.9986	0.9986	0.9553	0.8496	0.8739	0.6598	0.9866	0.9745
24.7	0.9984	0.9984	0.9463	0.8569	0.7960	0.6494	0.9839	0.9647
24.8	0.9984	0.9984	0.9568	0.8039	0.7818	0.6635	0.9803	0.9536
24.9	0.9978	0.9977	0.9558	0.7837	0.7329	0.6067	0.9795	0.9419

25.0	0.9981	0.9980	0.9542	0.7939	0.7617	0.5571	0.9775	0.9570
25.1	0.9978	0.9977	0.9528	0.8230	0.7954	0.6222	0.9685	0.9379
25.2	0.9980	0.9980	0.9533	0.8517	0.8174	0.5290	0.9722	0.9238
25.3	0.9984	0.9984	0.9552	0.8056	0.8074	0.5433	0.9798	0.9277
25.4	0.9983	0.9983	0.9576	0.8020	0.7900	0.4987	0.9765	0.9453
25.5	0.9979	0.9979	0.9466	0.8014	0.7869	0.4612	0.9672	0.9377
25.6	0.9980	0.9979	0.9586	0.7922	0.7587	0.4202	0.9726	0.9100
25.7	0.9981	0.9980	0.9499	0.8222	0.7935	0.5501	0.9742	0.9306
25.8	0.9980	0.9979	0.9470	0.8465	0.8443	0.4894	0.9759	0.9065
25.9	0.9984	0.9983	0.9620	0.8556	0.8637	0.4679	0.9818	0.9255
26.0	0.9980	0.9979	0.9544	0.8341	0.7946	0.4148	0.9694	0.8960
26.1	0.9979	0.9979	0.9512	0.8134	0.7896	0.4118	0.9742	0.8569
26.2	0.9982	0.9982	0.9697	0.8187	0.7390	0.4620	0.9799	0.9016
26.3	0.9976	0.9977	0.9614	0.8368	0.7328	0.3828	0.9789	0.8623
26.4	0.9981	0.9982	0.9676	0.8605	0.8204	0.5064	0.9828	0.8611
26.5	0.9981	0.9981	0.9575	0.7818	0.5609	0.3990	0.9778	0.8425
26.6	0.9986	0.9986	0.9646	0.8296	0.7262	0.4302	0.9810	0.8878
26.7	0.9985	0.9986	0.9726	0.8517	0.8115	0.6468	0.9792	0.8545
26.8	0.9975	0.9977	0.9518	0.8273	0.7114	0.4064	0.9773	0.7545
26.9	0.9973	0.9974	0.9521	0.8177	0.7529	0.4910	0.9702	0.7612
27.0	0.9985	0.9987	0.9656	0.7931	0.7643	0.6875	0.9762	0.7159
27.1	0.9983	0.9984	0.9674	0.7872	0.7370	0.6086	0.9726	0.7211
27.2	0.9984	0.9985	0.9639	0.7862	0.6854	0.5302	0.9757	0.7249
27.3	0.9977	0.9979	0.9665	0.8383	0.6904	0.5070	0.9710	0.7004
27.4	0.9980	0.9982	0.9727	0.8407	0.6671	0.3897	0.9756	0.6769
27.5	0.9985	0.9986	0.9575	0.7932	0.2857	0.1832	0.9737	0.6789
27.6	0.9976	0.9979	0.9444	0.7836	0.1939	0.2756	0.9622	0.5761
27.7	0.9981	0.9982	0.9464	0.7859	0.4389	0.2810	0.9680	0.6281
27.8	0.9985	0.9986	0.9600	0.8640	0.2313	0.3563	0.9740	0.6975
27.9	0.9980	0.9981	0.9436	0.8330	0.1925	0.4178	0.9750	0.5502
28.0	0.9982	0.9984	0.9260	0.7711	0.0616	0.3396	0.9715	0.6333
28.1	0.9979	0.9982	0.9137	0.7999	0.1734	0.3622	0.9698	0.5496
28.2	0.9980	0.9982	0.9275	0.8005	0.3192	0.4089	0.9744	0.5328
28.3	0.9985	0.9986	0.9320	0.7967	0.3312	0.5203	0.9715	0.6027
28.4	0.9974	0.9976	0.8663	0.7407	0.2737	0.3740	0.9570	0.3866
28.5	0.9975	0.9977	0.8702	0.7868	0.3633	0.4340	0.9522	0.3380
28.6	0.9977	0.9982	0.9008	0.8098	0.3681	0.4597	0.9563	0.4251
28.7	0.9980	0.9983	0.8904	0.6874	0.3691	0.3128	0.9503	0.2404
28.8	0.9982	0.9984	0.9013	0.7194	0.4636	0.3700	0.9418	0.1040
28.9	0.9983	0.9986	0.9268	0.7250	0.4942	0.3156	0.9461	0.1878
29.0	0.9980	0.9985	0.9391	0.8043	0.6302	0.3318	0.9313	0.1312
29.1	0.9981	0.9987	0.9139	0.7970	0.5758	0.3614	0.9428	0.0853
29.2	0.9979	0.9983	0.8770	0.6964	0.4579	0.2865	0.9063	0.0916
29.3	0.9980	0.9983	0.9132	0.7134	0.3763	0.3149	0.8810	0.1361
29.4	0.9984	0.9984	0.9028	0.7052	0.5115	0.1052	0.8688	0.1655
29.5	0.9976	0.9981	0.9183	0.6904	0.5850	0.0651	0.8992	0.2636
29.6	0.9974	0.9979	0.9089	0.6703	0.4430	0.0684	0.8791	0.2658
29.7	0.9968	0.9974	0.8716	0.5827	0.3338	0.0762	0.8252	0.1894
29.8	0.9976	0.9982	0.9100	0.6012	0.4183	0.0159	0.8069	0.3093
29.9	0.9981	0.9988	0.8384	0.3912	0.0449	0.0887	0.5545	0.3468
30.0	0.9981	0.9987	0.9369	0.5002	0.2373	0.0540	0.7193	0.4836
30.1	0.9970	0.9978	0.8951	0.5398	0.1420	0.0698	0.6427	0.4990
30.2	0.9968	0.9977	0.8927	0.5944	0.1406	0.0535	0.6833	0.6163
30.3	0.9957	0.9974	0.8861	0.5001	0.1863	0.0033	0.7030	0.5342
30.4	0.9961	0.9977	0.9119	0.5460	0.1719	0.0078	0.6209	0.6708
30.5	0.9974	0.9981	0.9077	0.6459	0.1380	0.0179	0.6715	0.6956
30.6	0.9968	0.9981	0.8867	0.5583	0.1454	0.1063	0.5470	0.7301
30.7	0.9971	0.9982	0.9093	0.5599	0.2015	0.0629	0.4569	0.8222
30.8	0.9966	0.9983	0.8717	0.6043	0.1108	0.0130	0.4021	0.7606
30.9	0.9961	0.9977	0.8770	0.6095	0.1761	0.0071	0.4219	0.8439
31.0	0.9963	0.9982	0.9174	0.6902	0.2130	0.0043	0.3268	0.8531
31.1	0.9957	0.9979	0.9066	0.6635	0.2239	0.0668	0.2703	0.8672
31.2	0.9954	0.9977	0.8912	0.6497	0.1483	0.0430	0.2656	0.8535
31.3	0.9955	0.9977	0.8772	0.2774	0.0720	0.0405	0.0589	0.7757
31.4	0.9944	0.9968	0.8869	0.4675	0.1510	0.0286	0.1705	0.8307
31.5	0.9950	0.9980	0.8982	0.5711	0.2983	0.0969	0.2720	0.8958
31.6	0.9935	0.9979	0.9097	0.6522	0.2878	0.1123	0.2277	0.9118
31.7	0.9933	0.9978	0.9032	0.5888	0.3425	0.1661	0.2523	0.9072
31.8	0.9930	0.9975	0.8826	0.6545	0.4523	0.2884	0.3461	0.9249
31.9	0.9938	0.9978	0.8725	0.6121	0.5510	0.1614	0.3073	0.9139
32.0	0.9924	0.9972	0.8785	0.5924	0.5703	0.3511	0.3720	0.9307
32.1	0.9877	0.9964	0.8650	0.6074	0.5951	0.1483	0.3527	0.9159
32.2	0.9873	0.9972	0.8790	0.6529	0.5900	0.1722	0.5531	0.9285
32.3	0.9885	0.9968	0.8802	0.6945	0.6024	0.1935	0.5506	0.9192
32.4	0.9898	0.9983	0.8903	0.6235	0.6293	0.2072	0.5260	0.9471
32.5	0.9858	0.9983	0.8847	0.6664	0.5272	0.0835	0.6111	0.9434
32.6	0.9840	0.9982	0.9049	0.7098	0.7264	0.0908	0.7207	0.9557
32.7	0.9812	0.9984	0.9170	0.7467	0.8150	0.1077	0.7646	0.9659
32.8	0.9743	0.9972	0.8851	0.7370	0.6795	0.0222	0.6529	0.9519
32.9	0.9794	0.9977	0.8826	0.7631	0.6743	0.0709	0.7565	0.9585
33.0	0.9592	0.9975	0.8595	0.7585	0.8105	0.0971	0.8324	0.9678
33.1	0.9481	0.9976	0.9044	0.8156	0.8078	0.1693	0.8153	0.9576
33.2	0.9550	0.9985	0.9244	0.8900	0.8144	0.1720	0.8788	0.9636
33.3	0.9331	0.9984	0.9231	0.8942	0.8814	0.0942	0.8744	0.9612
33.4	0.8524	0.9979	0.8962	0.8477	0.8466	0.0439	0.8085	0.9605
33.5	0.7408	0.9982	0.8646	0.8456	0.8758	0.0535	0.8233	0.9492

33.6	0.5392	0.9982	0.8667	0.8462	0.8320	0.0310	0.7783	0.9297
33.7	0.1271	0.9970	0.8293	0.8668	0.7901	0.0046	0.6967	0.9099
33.8	0.0179	0.9978	0.8449	0.8677	0.8218	0.0521	0.6717	0.9269
33.9	0.2500	0.9972	0.8532	0.8542	0.8349	0.0229	0.5958	0.9087
34.0	0.6012	0.9972	0.8335	0.8655	0.7647	0.0271	0.5822	0.9361
34.1	0.7438	0.9975	0.8655	0.8268	0.8188	0.0280	0.7367	0.9414
34.2	0.8073	0.9968	0.8093	0.8050	0.7503	0.0289	0.7939	0.9388
34.3	0.8885	0.9963	0.7642	0.7524	0.8338	0.0616	0.8589	0.9528
34.4	0.9399	0.9974	0.7923	0.7384	0.8907	0.0813	0.9121	0.9739
34.5	0.9470	0.9968	0.7914	0.6638	0.9012	0.0662	0.9209	0.9784
34.6	0.9559	0.9978	0.8081	0.6520	0.9254	0.0365	0.9486	0.9805
34.7	0.9742	0.9980	0.8354	0.4667	0.9480	0.1329	0.9619	0.9836
34.8	0.9759	0.9971	0.7665	0.1028	0.9392	0.1475	0.9604	0.9866
34.9	0.9739	0.9974	0.7421	0.0101	0.9418	0.1113	0.9576	0.9833
35.0	0.9816	0.9976	0.7253	0.0471	0.9349	0.1958	0.9598	0.9834
35.1	0.9830	0.9973	0.7337	0.2150	0.9450	0.3248	0.9652	0.9853
35.2	0.9787	0.9972	0.7102	0.3201	0.9416	0.3381	0.9585	0.9817
35.3	0.9787	0.9962	0.6650	0.3625	0.9377	0.4088	0.9587	0.9795
35.4	0.9813	0.9965	0.5315	0.4223	0.9303	0.5596	0.9523	0.9799
35.5	0.9763	0.9956	0.4911	0.4703	0.9226	0.6692	0.9417	0.9759
35.6	0.9839	0.9967	0.5792	0.5451	0.9302	0.7712	0.9456	0.9762
35.7	0.9809	0.9961	0.5886	0.4722	0.9092	0.7600	0.9220	0.9657
35.8	0.9821	0.9965	0.5544	0.5804	0.9256	0.8153	0.9365	0.9663
35.9	0.9838	0.9962	0.4148	0.6409	0.9223	0.8820	0.9281	0.9616
36.0	0.9865	0.9959	0.4744	0.7149	0.9186	0.8918	0.9201	0.9548
36.1	0.9899	0.9963	0.5852	0.8027	0.9593	0.8787	0.9557	0.9721
36.2	0.9904	0.9967	0.5782	0.8579	0.9718	0.9498	0.9688	0.9799
36.3	0.9829	0.9959	0.4474	0.8020	0.9479	0.9218	0.9465	0.9653
36.4	0.9759	0.9947	0.4740	0.7800	0.9399	0.9319	0.9327	0.9571
36.5	0.9832	0.9962	0.5383	0.8788	0.9580	0.9519	0.9591	0.9738
36.6	0.9864	0.9963	0.4707	0.9106	0.9653	0.9441	0.9705	0.9779
36.7	0.9831	0.9964	0.4955	0.9079	0.9729	0.9572	0.9710	0.9797
36.8	0.9825	0.9944	0.4070	0.9095	0.9705	0.9543	0.9744	0.9799
36.9	0.9801	0.9955	0.5245	0.9109	0.9647	0.9544	0.9667	0.9733
37.0	0.9837	0.9964	0.5568	0.9336	0.9725	0.9619	0.9722	0.9811
37.1	0.9792	0.9951	0.4993	0.9366	0.9756	0.9562	0.9755	0.9820
37.2	0.9702	0.9939	0.4756	0.9139	0.9622	0.9464	0.9651	0.9685
37.3	0.9795	0.9952	0.5771	0.9201	0.9729	0.9553	0.9662	0.9782
37.4	0.9834	0.9951	0.5948	0.7979	0.9772	0.9698	0.9211	0.9837
37.5	0.9782	0.9959	0.5711	0.9535	0.9687	0.9768	0.9780	0.9755
37.6	0.9760	0.9968	0.6035	0.9616	0.9717	0.9755	0.9779	0.9783
37.7	0.9831	0.9960	0.5686	0.9687	0.9777	0.9843	0.9851	0.9816
37.8	0.9806	0.9951	0.5099	0.9703	0.9730	0.9728	0.9827	0.9774
37.9	0.9789	0.9953	0.5884	0.9642	0.9672	0.9739	0.9811	0.9716
38.0	0.9776	0.9932	0.5078	0.9543	0.9628	0.9656	0.9792	0.9699
38.1	0.9766	0.9917	0.4861	0.9660	0.9661	0.9748	0.9774	0.9700
38.2	0.9844	0.9945	0.6630	0.9815	0.9786	0.9853	0.9865	0.9787
38.3	0.9822	0.9947	0.7095	0.9822	0.9739	0.9831	0.9851	0.9741
38.4	0.9768	0.9944	0.6885	0.9721	0.9625	0.9784	0.9736	0.9627
38.5	0.9759	0.9936	0.6355	0.9718	0.9667	0.9715	0.9738	0.9634
38.6	0.9798	0.9957	0.7342	0.9842	0.9762	0.9767	0.9858	0.9747
38.7	0.9808	0.9938	0.7119	0.9824	0.9726	0.9716	0.9756	0.9733
38.8	0.9747	0.9926	0.6333	0.9785	0.9648	0.9730	0.9717	0.9655
38.9	0.9749	0.9951	0.7178	0.9839	0.9729	0.9776	0.9794	0.9734
39.0	0.9728	0.9951	0.7110	0.9817	0.9748	0.9751	0.9780	0.9714
39.1	0.9794	0.9959	0.7762	0.9880	0.9839	0.9733	0.9840	0.9825
39.2	0.9716	0.9952	0.7761	0.9880	0.9824	0.9697	0.9843	0.9804
39.3	0.9728	0.9947	0.7178	0.9831	0.9798	0.9649	0.9775	0.9763
39.4	0.9773	0.9957	0.7629	0.9848	0.9827	0.9589	0.9793	0.9781
39.5	0.9677	0.9955	0.7560	0.9820	0.9776	0.9502	0.9708	0.9697
39.6	0.9673	0.9961	0.7021	0.9837	0.9818	0.9515	0.9756	0.9767
39.7	0.9724	0.9961	0.7431	0.9842	0.9851	0.9523	0.9791	0.9793
39.8	0.9711	0.9968	0.8012	0.9871	0.9861	0.9524	0.9803	0.9799
39.9	0.9668	0.9961	0.7734	0.9856	0.9868	0.9458	0.9790	0.9795
40.0	0.9473	0.9944	0.6981	0.9855	0.9864	0.9388	0.9778	0.9802
40.1	0.9406	0.9936	0.6484	0.9844	0.9851	0.9271	0.9734	0.9775
40.2	0.9334	0.9912	0.6221	0.9739	0.9825	0.9074	0.9592	0.9704
40.3	0.9303	0.9943	0.7339	0.9864	0.9889	0.9296	0.9747	0.9813
40.4	0.9257	0.9934	0.7149	0.9792	0.9882	0.9196	0.9630	0.9787
40.5	0.9005	0.9910	0.6426	0.9801	0.9900	0.9033	0.9680	0.9843
40.6	0.9020	0.9934	0.6806	0.9814	0.9912	0.9184	0.9627	0.9837
40.7	0.8749	0.9897	0.6550	0.9780	0.9903	0.9137	0.9600	0.9840
40.8	0.9092	0.9920	0.6371	0.9825	0.9910	0.9212	0.9665	0.9845
40.9	0.9320	0.9921	0.6767	0.9832	0.9905	0.9155	0.9649	0.9831
41.0	0.9022	0.9858	0.5379	0.9753	0.9905	0.8815	0.9491	0.9822
41.1	0.8910	0.9821	0.5600	0.9797	0.9915	0.9154	0.9562	0.9847
41.2	0.9284	0.9838	0.6544	0.9861	0.9955	0.9313	0.9644	0.9899
41.3	0.9414	0.9777	0.5443	0.9795	0.9949	0.9244	0.9581	0.9898
41.4	0.9509	0.9566	0.5110	0.9666	0.9931	0.9077	0.9421	0.9859
41.5	0.9518	0.9639	0.6963	0.9786	0.9945	0.9181	0.9427	0.9887
41.6	0.9575	0.9599	0.7037	0.9851	0.9962	0.9488	0.9582	0.9916
41.7	0.9659	0.9460	0.6961	0.9814	0.9950	0.9242	0.9494	0.9904
41.8	0.9665	0.9421	0.6588	0.9863	0.9957	0.9411	0.9556	0.9919
41.9	0.9650	0.9022	0.6137	0.9843	0.9963	0.9297	0.9537	0.9916
42.0	0.9650	0.9005	0.6170	0.9857	0.9963	0.9294	0.9549	0.9918
42.1	0.9803	0.9169	0.6762	0.9894	0.9975	0.9291	0.9532	0.9930

42.2	0.9806	0.9066	0.6205	0.9825	0.9961	0.8982	0.9152	0.9877
42.3	0.9783	0.9315	0.5367	0.9822	0.9954	0.8623	0.9152	0.9890
42.4	0.9844	0.9544	0.5536	0.9873	0.9963	0.9034	0.9414	0.9922
42.5	0.9847	0.9640	0.5930	0.9827	0.9963	0.8966	0.9174	0.9907
42.6	0.9850	0.9717	0.5637	0.9870	0.9969	0.8864	0.9381	0.9912
42.7	0.9885	0.9761	0.6252	0.9865	0.9963	0.9168	0.9421	0.9924
42.8	0.9903	0.9819	0.7010	0.9872	0.9970	0.8920	0.9263	0.9947
42.9	0.9903	0.9860	0.6057	0.9885	0.9978	0.8995	0.9165	0.9946
43.0	0.9901	0.9866	0.4698	0.9880	0.9969	0.9064	0.8916	0.9935
43.1	0.9923	0.9871	0.4568	0.9904	0.9966	0.8891	0.9315	0.9921
43.2	0.9916	0.9890	0.5243	0.9884	0.9974	0.9177	0.9213	0.9948
43.3	0.9911	0.9906	0.5879	0.9873	0.9978	0.8772	0.9348	0.9943
43.4	0.9918	0.9896	0.5909	0.9863	0.9981	0.8776	0.9269	0.9945
43.5	0.9932	0.9918	0.5044	0.9859	0.9969	0.8775	0.8940	0.9914
43.6	0.9935	0.9923	0.6242	0.9807	0.9961	0.8577	0.9094	0.9926
43.7	0.9944	0.9926	0.5900	0.9828	0.9972	0.8658	0.9335	0.9945
43.8	0.9940	0.9919	0.5928	0.9826	0.9973	0.8658	0.9236	0.9949
43.9	0.9931	0.9928	0.6122	0.9867	0.9970	0.8884	0.9488	0.9948
44.0	0.9937	0.9936	0.5160	0.9842	0.9968	0.8955	0.9683	0.9947
44.1	0.9936	0.9924	0.5069	0.9772	0.9972	0.8610	0.9619	0.9931
44.2	0.9934	0.9936	0.5791	0.9792	0.9971	0.9199	0.9749	0.9936
44.3	0.9937	0.9942	0.6643	0.9807	0.9969	0.9201	0.9798	0.9954
44.4	0.9951	0.9952	0.6721	0.9780	0.9980	0.9375	0.9768	0.9962
44.5	0.9958	0.9948	0.6029	0.9737	0.9972	0.9100	0.9773	0.9952
44.6	0.9952	0.9952	0.6724	0.9742	0.9969	0.8941	0.9773	0.9938
44.7	0.9945	0.9947	0.6290	0.9778	0.9970	0.9491	0.9828	0.9952
44.8	0.9954	0.9952	0.5794	0.9738	0.9970	0.9546	0.9844	0.9951
44.9	0.9959	0.9962	0.5613	0.9638	0.9973	0.9360	0.9862	0.9948
45.0	0.9959	0.9959	0.5124	0.9640	0.9969	0.9302	0.9885	0.9952
45.1	0.9960	0.9964	0.3916	0.9639	0.9974	0.9466	0.9855	0.9955
45.2	0.9956	0.9963	0.3994	0.9663	0.9972	0.9437	0.9848	0.9955
45.3	0.9961	0.9964	0.4780	0.9703	0.9972	0.9392	0.9873	0.9952
45.4	0.9947	0.9953	0.4032	0.9658	0.9965	0.9349	0.9865	0.9949
45.5	0.9948	0.9952	0.5273	0.9587	0.9963	0.9424	0.9791	0.9943
45.6	0.9968	0.9968	0.6036	0.9592	0.9978	0.9632	0.9908	0.9965
45.7	0.9975	0.9979	0.5133	0.9668	0.9984	0.9682	0.9936	0.9974
45.8	0.9962	0.9969	0.4068	0.9610	0.9978	0.9606	0.9929	0.9966
45.9	0.9964	0.9970	0.3597	0.9680	0.9980	0.9675	0.9941	0.9962
46.0	0.9966	0.9973	0.4920	0.9745	0.9978	0.9695	0.9922	0.9962
46.1	0.9967	0.9967	0.4505	0.9740	0.9967	0.9668	0.9896	0.9952
46.2	0.9967	0.9972	0.5080	0.9760	0.9975	0.9668	0.9927	0.9968
46.3	0.9967	0.9969	0.4632	0.9688	0.9979	0.9680	0.9925	0.9969
46.4	0.9966	0.9967	0.5948	0.9750	0.9972	0.9793	0.9926	0.9964
46.5	0.9959	0.9960	0.5242	0.9683	0.9965	0.9710	0.9925	0.9945
46.6	0.9960	0.9963	0.5059	0.9667	0.9970	0.9693	0.9929	0.9964
46.7	0.9957	0.9966	0.3453	0.9689	0.9967	0.9764	0.9941	0.9953
46.8	0.9967	0.9973	0.3973	0.9778	0.9973	0.9774	0.9955	0.9962
46.9	0.9963	0.9968	0.3880	0.9793	0.9971	0.9818	0.9956	0.9959
47.0	0.9953	0.9961	0.4795	0.9745	0.9965	0.9775	0.9939	0.9946
47.1	0.9963	0.9967	0.5049	0.9795	0.9972	0.9790	0.9946	0.9954
47.2	0.9949	0.9953	0.3777	0.9718	0.9961	0.9760	0.9940	0.9955
47.3	0.9968	0.9973	0.4216	0.9854	0.9978	0.9825	0.9964	0.9970
47.4	0.9974	0.9975	0.4770	0.9878	0.9980	0.9870	0.9965	0.9971
47.5	0.9967	0.9967	0.4327	0.9843	0.9972	0.9812	0.9941	0.9954
47.6	0.9972	0.9973	0.5382	0.9885	0.9974	0.9851	0.9953	0.9957
47.7	0.9967	0.9969	0.5264	0.9869	0.9974	0.9884	0.9957	0.9957
47.8	0.9947	0.9951	0.4691	0.9808	0.9959	0.9839	0.9934	0.9943
47.9	0.9958	0.9961	0.4613	0.9861	0.9963	0.9864	0.9944	0.9949
48.0	0.9965	0.9967	0.5488	0.9867	0.9967	0.9830	0.9947	0.9952
48.1	0.9973	0.9974	0.6061	0.9890	0.9978	0.9862	0.9962	0.9960
48.2	0.9962	0.9966	0.5421	0.9845	0.9967	0.9874	0.9959	0.9960
48.3	0.9949	0.9952	0.3346	0.9781	0.9955	0.9793	0.9936	0.9943
48.4	0.9956	0.9959	0.3695	0.9826	0.9963	0.9878	0.9954	0.9949
48.5	0.9957	0.9960	0.4670	0.9859	0.9956	0.9875	0.9945	0.9935
48.6	0.9967	0.9971	0.3660	0.9843	0.9970	0.9876	0.9946	0.9933
48.7	0.9965	0.9968	0.3336	0.9911	0.9968	0.9931	0.9950	0.9946
48.8	0.9964	0.9967	0.2661	0.9874	0.9970	0.9935	0.9954	0.9944
48.9	0.9965	0.9968	0.2636	0.9873	0.9965	0.9877	0.9946	0.9936
49.0	0.9965	0.9970	0.3772	0.9879	0.9965	0.9887	0.9942	0.9956
49.1	0.9975	0.9978	0.3237	0.9895	0.9977	0.9908	0.9974	0.9966
49.2	0.9970	0.9972	0.2526	0.9891	0.9971	0.9921	0.9961	0.9941
49.3	0.9957	0.9958	0.1870	0.9857	0.9960	0.9886	0.9948	0.9934
49.4	0.9970	0.9972	0.3440	0.9907	0.9974	0.9920	0.9965	0.9962
49.5	0.9976	0.9978	0.3325	0.9924	0.9976	0.9943	0.9969	0.9959
49.6	0.9968	0.9970	0.3709	0.9894	0.9967	0.9925	0.9953	0.9946
49.7	0.9963	0.9967	0.3098	0.9905	0.9963	0.9914	0.9949	0.9954
49.8	0.9953	0.9957	0.2916	0.9887	0.9956	0.9911	0.9939	0.9927
49.9	0.9939	0.9942	0.4598	0.9820	0.9938	0.9885	0.9915	0.9902
50.0	0.9965	0.9966	0.5157	0.9736	0.9963	0.9917	0.9946	0.9923
50.1	0.9972	0.9975	0.4155	0.9901	0.9973	0.9925	0.9960	0.9955
50.2	0.9949	0.9953	0.2884	0.9863	0.9960	0.9888	0.9953	0.9936
50.3	0.9962	0.9965	0.5394	0.9911	0.9966	0.9934	0.9958	0.9940
50.4	0.9963	0.9965	0.6292	0.9883	0.9967	0.9945	0.9961	0.9946
50.5	0.9962	0.9964	0.6537	0.9853	0.9967	0.9944	0.9958	0.9949
50.6	0.9969	0.9971	0.6779	0.9882	0.9970	0.9951	0.9964	0.9944
50.7	0.9954	0.9957	0.6767	0.9887	0.9955	0.9954	0.9954	0.9927

50.8	0.9962	0.9965	0.6897	0.9912	0.9963	0.9955	0.9960	0.9947
50.9	0.9973	0.9976	0.7073	0.9896	0.9973	0.9955	0.9971	0.9938
51.0	0.9957	0.9961	0.7644	0.9888	0.9958	0.9946	0.9952	0.9926
51.1	0.9951	0.9956	0.6438	0.9890	0.9956	0.9933	0.9951	0.9937
51.2	0.9948	0.9951	0.7172	0.9856	0.9948	0.9927	0.9946	0.9920
51.3	0.9964	0.9966	0.7743	0.9900	0.9968	0.9952	0.9963	0.9949
51.4	0.9973	0.9976	0.7738	0.9880	0.9976	0.9956	0.9972	0.9949
51.5	0.9969	0.9971	0.7753	0.9873	0.9968	0.9944	0.9964	0.9936
51.6	0.9956	0.9957	0.7721	0.9901	0.9955	0.9936	0.9955	0.9937
51.7	0.9960	0.9962	0.7687	0.9879	0.9961	0.9950	0.9961	0.9938
51.8	0.9968	0.9971	0.8399	0.9895	0.9968	0.9956	0.9970	0.9932
51.9	0.9965	0.9966	0.8513	0.9911	0.9965	0.9953	0.9961	0.9927
52.0	0.9970	0.9971	0.8524	0.9915	0.9965	0.9949	0.9963	0.9902
52.1	0.9969	0.9969	0.8757	0.9928	0.9968	0.9958	0.9964	0.9924
52.2	0.9957	0.9958	0.8513	0.9915	0.9954	0.9945	0.9951	0.9876
52.3	0.9966	0.9968	0.8205	0.9929	0.9964	0.9942	0.9961	0.9907
52.4	0.9974	0.9975	0.9098	0.9933	0.9973	0.9951	0.9968	0.9908
52.5	0.9962	0.9963	0.8742	0.9919	0.9960	0.9941	0.9960	0.9911
52.6	0.9967	0.9968	0.8104	0.9910	0.9964	0.9941	0.9961	0.9929
52.7	0.9958	0.9959	0.8502	0.9899	0.9954	0.9931	0.9948	0.9915
52.8	0.9960	0.9963	0.9060	0.9900	0.9959	0.9939	0.9959	0.9898
52.9	0.9956	0.9958	0.8646	0.9865	0.9948	0.9915	0.9947	0.9870
53.0	0.9952	0.9953	0.8529	0.9839	0.9949	0.9914	0.9949	0.9811
53.1	0.9952	0.9952	0.9090	0.9834	0.9953	0.9932	0.9951	0.9806
53.2	0.9962	0.9964	0.9361	0.9912	0.9962	0.9935	0.9963	0.9882
53.3	0.9967	0.9967	0.9356	0.9899	0.9965	0.9936	0.9968	0.9870
53.4	0.9959	0.9960	0.9160	0.9836	0.9958	0.9924	0.9957	0.9815
53.5	0.9958	0.9961	0.9134	0.9814	0.9952	0.9930	0.9952	0.9830
53.6	0.9959	0.9960	0.9315	0.9829	0.9953	0.9934	0.9951	0.9815
53.7	0.9966	0.9966	0.9143	0.9773	0.9960	0.9923	0.9958	0.9836
53.8	0.9967	0.9966	0.9200	0.9740	0.9964	0.9917	0.9966	0.9858
53.9	0.9969	0.9969	0.9274	0.9825	0.9965	0.9920	0.9962	0.9896
54.0	0.9969	0.9969	0.9320	0.9802	0.9969	0.9935	0.9968	0.9891
54.1	0.9955	0.9956	0.9459	0.9760	0.9953	0.9901	0.9955	0.9849
54.2	0.9943	0.9946	0.9395	0.9633	0.9943	0.9902	0.9942	0.9721
54.3	0.9956	0.9957	0.9374	0.9570	0.9956	0.9902	0.9956	0.9699
54.4	0.9955	0.9955	0.9316	0.9519	0.9955	0.9904	0.9961	0.9733
54.5	0.9957	0.9958	0.9418	0.9556	0.9951	0.9899	0.9951	0.9740
54.6	0.9939	0.9939	0.9287	0.9444	0.9937	0.9901	0.9939	0.9685
54.7	0.9957	0.9957	0.9215	0.9442	0.9954	0.9902	0.9954	0.9612
54.8	0.9951	0.9954	0.9257	0.9395	0.9953	0.9911	0.9952	0.9755
54.9	0.9929	0.9931	0.9109	0.8887	0.9936	0.9874	0.9935	0.9718
55.0	0.9951	0.9951	0.9161	0.9400	0.9950	0.9904	0.9945	0.9809
55.1	0.9962	0.9963	0.9242	0.9340	0.9962	0.9926	0.9965	0.9784
55.2	0.9952	0.9954	0.8903	0.9214	0.9953	0.9908	0.9957	0.9768
55.3	0.9945	0.9946	0.8989	0.9150	0.9950	0.9918	0.9949	0.9759
55.4	0.9944	0.9943	0.8727	0.9004	0.9953	0.9909	0.9953	0.9814
55.5	0.9958	0.9958	0.8864	0.8839	0.9954	0.9925	0.9955	0.9766
55.6	0.9953	0.9954	0.8843	0.8895	0.9956	0.9927	0.9955	0.9791
55.7	0.9940	0.9942	0.8745	0.8760	0.9951	0.9918	0.9949	0.9696
55.8	0.9942	0.9944	0.9186	0.8693	0.9943	0.9920	0.9947	0.9781
55.9	0.9944	0.9944	0.9159	0.8526	0.9945	0.9908	0.9947	0.9727
56.0	0.9934	0.9932	0.8728	0.7929	0.9919	0.9872	0.9922	0.9607
56.1	0.9933	0.9933	0.8858	0.8015	0.9920	0.9892	0.9927	0.9663
56.2	0.9948	0.9947	0.8926	0.7979	0.9935	0.9887	0.9938	0.9711
56.3	0.9946	0.9946	0.8967	0.7369	0.9934	0.9901	0.9942	0.9702
56.4	0.9948	0.9948	0.9165	0.7751	0.9945	0.9897	0.9947	0.9662
56.5	0.9958	0.9959	0.9217	0.7965	0.9950	0.9919	0.9955	0.9769
56.6	0.9953	0.9956	0.9325	0.8166	0.9952	0.9924	0.9956	0.9808
56.7	0.9961	0.9962	0.9307	0.7897	0.9963	0.9937	0.9964	0.9837
56.8	0.9960	0.9961	0.9166	0.8012	0.9958	0.9914	0.9962	0.9805
56.9	0.9964	0.9965	0.9337	0.8065	0.9964	0.9924	0.9966	0.9789
57.0	0.9965	0.9965	0.9337	0.8084	0.9962	0.9934	0.9966	0.9784
57.1	0.9949	0.9949	0.9189	0.7573	0.9937	0.9921	0.9948	0.9729
57.2	0.9939	0.9939	0.9333	0.7602	0.9929	0.9888	0.9937	0.9727
57.3	0.9924	0.9925	0.9272	0.7917	0.9921	0.9858	0.9922	0.9699
57.4	0.9934	0.9936	0.9436	0.8094	0.9931	0.9867	0.9940	0.9726
57.5	0.9949	0.9950	0.9336	0.8461	0.9944	0.9915	0.9951	0.9766
57.6	0.9948	0.9949	0.9261	0.8254	0.9941	0.9889	0.9944	0.9664
57.7	0.9943	0.9943	0.9414	0.7722	0.9937	0.9894	0.9944	0.9714
57.8	0.9958	0.9957	0.9555	0.8182	0.9953	0.9924	0.9957	0.9711
57.9	0.9953	0.9952	0.9469	0.8331	0.9934	0.9907	0.9952	0.9663
58.0	0.9956	0.9956	0.9530	0.8476	0.9941	0.9917	0.9952	0.9712
58.1	0.9954	0.9953	0.9443	0.8651	0.9942	0.9894	0.9948	0.9650
58.2	0.9946	0.9947	0.9261	0.8587	0.9932	0.9872	0.9936	0.9646
58.3	0.9935	0.9935	0.9232	0.8173	0.9917	0.9869	0.9934	0.9488
58.4	0.9959	0.9959	0.9614	0.8974	0.9950	0.9924	0.9956	0.9650
58.5	0.9953	0.9952	0.9585	0.9053	0.9953	0.9907	0.9951	0.9693
58.6	0.9942	0.9942	0.9260	0.9010	0.9930	0.9874	0.9940	0.9637
58.7	0.9955	0.9954	0.9279	0.9200	0.9926	0.9861	0.9950	0.9690
58.8	0.9947	0.9946	0.9141	0.8679	0.9941	0.9894	0.9944	0.9593
58.9	0.9950	0.9950	0.9104	0.8810	0.9931	0.9898	0.9948	0.9700
59.0	0.9931	0.9930	0.8930	0.8017	0.9914	0.9836	0.9898	0.9288
59.1	0.9955	0.9956	0.8960	0.8316	0.9941	0.9884	0.9935	0.9435
59.2	0.9968	0.9969	0.8919	0.8550	0.9948	0.9902	0.9962	0.9637
59.3	0.9955	0.9955	0.9069	0.8404	0.9943	0.9914	0.9952	0.9590

59.4	0.9939	0.9936	0.8821	0.8138	0.9936	0.9895	0.9942	0.9582
59.5	0.9947	0.9948	0.8843	0.8234	0.9947	0.9898	0.9945	0.9655
59.6	0.9956	0.9953	0.8978	0.7573	0.9940	0.9917	0.9957	0.9777
59.7	0.9944	0.9939	0.8179	0.6325	0.9921	0.9893	0.9945	0.9698
59.8	0.9940	0.9934	0.7888	0.4517	0.9923	0.9906	0.9931	0.9561
59.9	0.9942	0.9930	0.5531	0.2178	0.9912	0.9899	0.9932	0.9285
60.0	0.9705	0.8864	0.0927	0.0802	0.9467	0.9698	0.9804	0.7893
60.1	0.9937	0.9917	0.7354	0.3176	0.9925	0.9907	0.9933	0.9810
60.2	0.9937	0.9936	0.8191	0.4682	0.9916	0.9920	0.9936	0.9805
60.3	0.9944	0.9942	0.8503	0.6909	0.9909	0.9916	0.9938	0.9863
60.4	0.9946	0.9945	0.8484	0.7494	0.9900	0.9916	0.9941	0.9866
60.5	0.9945	0.9940	0.8590	0.8538	0.9921	0.9920	0.9943	0.9888
60.6	0.9944	0.9940	0.8261	0.8897	0.9901	0.9914	0.9936	0.9863
60.7	0.9952	0.9950	0.8044	0.8792	0.9881	0.9904	0.9944	0.9868
60.8	0.9954	0.9953	0.8041	0.9083	0.9898	0.9929	0.9951	0.9880
60.9	0.9951	0.9949	0.7853	0.8833	0.9909	0.9934	0.9947	0.9852
61.0	0.9955	0.9953	0.8214	0.9270	0.9906	0.9938	0.9948	0.9876
61.1	0.9948	0.9947	0.7421	0.9290	0.9893	0.9920	0.9942	0.9854
61.2	0.9963	0.9962	0.7956	0.9229	0.9931	0.9945	0.9957	0.9876
61.3	0.9944	0.9942	0.7775	0.9229	0.9893	0.9918	0.9941	0.9858
61.4	0.9917	0.9916	0.7437	0.8958	0.9824	0.9875	0.9915	0.9821
61.5	0.9954	0.9954	0.7572	0.9277	0.9896	0.9933	0.9955	0.9897
61.6	0.9961	0.9959	0.7487	0.9342	0.9913	0.9934	0.9961	0.9884
61.7	0.9947	0.9945	0.6736	0.9318	0.9885	0.9912	0.9947	0.9835
61.8	0.9928	0.9923	0.5975	0.9341	0.9842	0.9909	0.9927	0.9803
61.9	0.9917	0.9910	0.6307	0.9268	0.9811	0.9914	0.9914	0.9823
62.0	0.9939	0.9937	0.6278	0.9496	0.9859	0.9940	0.9938	0.9879
62.1	0.9934	0.9930	0.6670	0.9303	0.9857	0.9915	0.9932	0.9860
62.2	0.9936	0.9932	0.6800	0.9396	0.9870	0.9919	0.9934	0.9850
62.3	0.9927	0.9924	0.6467	0.9347	0.9843	0.9911	0.9923	0.9834
62.4	0.9932	0.9929	0.6990	0.9264	0.9839	0.9917	0.9929	0.9869
62.5	0.9918	0.9914	0.6313	0.9153	0.9811	0.9886	0.9914	0.9838
62.6	0.9942	0.9940	0.6700	0.9167	0.9862	0.9918	0.9943	0.9858
62.7	0.9940	0.9938	0.7085	0.9248	0.9844	0.9916	0.9939	0.9883
62.8	0.9926	0.9922	0.6782	0.9249	0.9862	0.9897	0.9924	0.9868
62.9	0.9918	0.9914	0.6763	0.9261	0.9758	0.9891	0.9914	0.9821
63.0	0.9900	0.9894	0.6757	0.9095	0.9712	0.9853	0.9893	0.9799
63.1	0.9910	0.9905	0.7438	0.8994	0.9834	0.9888	0.9905	0.9831
63.2	0.9919	0.9915	0.7514	0.8739	0.9726	0.9887	0.9921	0.9811
63.3	0.9920	0.9915	0.7594	0.8978	0.9676	0.9896	0.9921	0.9823
63.4	0.9900	0.9896	0.8059	0.9102	0.9716	0.9882	0.9900	0.9802
63.5	0.9899	0.9894	0.8001	0.9029	0.9653	0.9878	0.9895	0.9848
63.6	0.9906	0.9902	0.8474	0.9154	0.9611	0.9887	0.9907	0.9822
63.7	0.9897	0.9893	0.8288	0.9081	0.9616	0.9872	0.9899	0.9815
63.8	0.9925	0.9922	0.8484	0.9150	0.9445	0.9894	0.9923	0.9831
63.9	0.9908	0.9904	0.8927	0.8923	0.9266	0.9871	0.9908	0.9808
64.0	0.9909	0.9906	0.9006	0.9140	0.9247	0.9879	0.9907	0.9821
64.1	0.9908	0.9904	0.8907	0.9097	0.9061	0.9884	0.9901	0.9825
64.2	0.9911	0.9906	0.9200	0.8935	0.9147	0.9880	0.9907	0.9804
64.3	0.9906	0.9902	0.9373	0.9069	0.8983	0.9882	0.9907	0.9844
64.4	0.9884	0.9880	0.9297	0.8696	0.9182	0.9858	0.9876	0.9808
64.5	0.9911	0.9907	0.9356	0.8913	0.9077	0.9889	0.9907	0.9850
64.6	0.9911	0.9907	0.9431	0.9056	0.9245	0.9891	0.9908	0.9822
64.7	0.9889	0.9886	0.9549	0.9125	0.9214	0.9877	0.9884	0.9867
64.8	0.9911	0.9907	0.9626	0.9057	0.9388	0.9898	0.9910	0.9860
64.9	0.9902	0.9896	0.9643	0.8794	0.9424	0.9873	0.9902	0.9864
65.0	0.9909	0.9904	0.9683	0.8905	0.9636	0.9879	0.9911	0.9873
65.1	0.9921	0.9916	0.9706	0.9098	0.9635	0.9893	0.9921	0.9876
65.2	0.9862	0.9856	0.9573	0.8743	0.9548	0.9821	0.9865	0.9796
65.3	0.9881	0.9875	0.9630	0.8571	0.9602	0.9817	0.9880	0.9827
65.4	0.9881	0.9875	0.9781	0.8569	0.9682	0.9830	0.9883	0.9833
65.5	0.9896	0.9890	0.9808	0.8701	0.9679	0.9838	0.9896	0.9866
65.6	0.9922	0.9919	0.9860	0.8849	0.9734	0.9851	0.9923	0.9863
65.7	0.9912	0.9907	0.9850	0.8732	0.9772	0.9863	0.9913	0.9849
65.8	0.9891	0.9886	0.9774	0.8539	0.9726	0.9826	0.9892	0.9829
65.9	0.9863	0.9856	0.9822	0.8116	0.9701	0.9782	0.9863	0.9790
66.0	0.9893	0.9888	0.9812	0.8083	0.9770	0.9808	0.9894	0.9852
66.1	0.9909	0.9905	0.9855	0.8148	0.9798	0.9818	0.9912	0.9852
66.2	0.9907	0.9903	0.9896	0.8475	0.9824	0.9806	0.9909	0.9847
66.3	0.9892	0.9887	0.9819	0.8234	0.9819	0.9765	0.9892	0.9830
66.4	0.9855	0.9847	0.9792	0.7637	0.9732	0.9663	0.9861	0.9755
66.5	0.9892	0.9887	0.9831	0.8053	0.9783	0.9738	0.9893	0.9821
66.6	0.9874	0.9869	0.9822	0.7796	0.9812	0.9716	0.9877	0.9779
66.7	0.9880	0.9876	0.9819	0.7728	0.9804	0.9679	0.9885	0.9694
66.8	0.9912	0.9909	0.9863	0.7788	0.9841	0.9717	0.9912	0.9720
66.9	0.9870	0.9863	0.9841	0.7159	0.9765	0.9553	0.9879	0.9632
67.0	0.9789	0.9782	0.9826	0.6909	0.9729	0.9426	0.9804	0.9529
67.1	0.9889	0.9886	0.9901	0.7503	0.9834	0.9538	0.9893	0.9610
67.2	0.9882	0.9879	0.9885	0.7559	0.9796	0.9473	0.9888	0.9493
67.3	0.9856	0.9850	0.9843	0.6836	0.9819	0.9338	0.9881	0.9392
67.4	0.9886	0.9880	0.9872	0.7170	0.9840	0.9378	0.9902	0.9512
67.5	0.9885	0.9881	0.9869	0.8023	0.9854	0.9401	0.9897	0.9512
67.6	0.9896	0.9893	0.9841	0.7858	0.9846	0.9404	0.9906	0.9385
67.7	0.9879	0.9876	0.9863	0.7778	0.9838	0.9225	0.9894	0.9195
67.8	0.9871	0.9866	0.9882	0.7961	0.9845	0.9062	0.9889	0.9112
67.9	0.9877	0.9875	0.9851	0.8227	0.9859	0.9146	0.9886	0.9235

68.0	0.9869	0.9866	0.9879	0.8013	0.9822	0.8991	0.9880	0.8819
68.1	0.9882	0.9879	0.9872	0.8513	0.9867	0.8992	0.9898	0.8700
68.2	0.9901	0.9898	0.9877	0.8136	0.9886	0.8762	0.9919	0.8191
68.3	0.9899	0.9897	0.9866	0.7982	0.9867	0.8434	0.9910	0.6995
68.4	0.9897	0.9896	0.9905	0.8486	0.9876	0.8395	0.9910	0.6493
68.5	0.9872	0.9870	0.9836	0.8248	0.9845	0.7207	0.9889	0.1991
68.6	0.9864	0.9862	0.9806	0.8270	0.9846	0.6501	0.9885	0.0649
68.7	0.9892	0.9889	0.9871	0.8595	0.9886	0.7071	0.9908	0.2688
68.8	0.9895	0.9894	0.9851	0.8824	0.9892	0.6584	0.9909	0.4187
68.9	0.9885	0.9884	0.9843	0.8789	0.9867	0.5499	0.9905	0.5532
69.0	0.9898	0.9896	0.9878	0.8719	0.9878	0.5076	0.9913	0.7333
69.1	0.9874	0.9873	0.9840	0.8710	0.9858	0.3840	0.9896	0.7565
69.2	0.9885	0.9886	0.9853	0.8922	0.9859	0.3207	0.9900	0.8161
69.3	0.9853	0.9854	0.9873	0.8774	0.9851	0.2084	0.9886	0.8108
69.4	0.9869	0.9868	0.9869	0.8877	0.9867	0.0983	0.9905	0.8626
69.5	0.9907	0.9906	0.9888	0.9170	0.9901	0.0977	0.9924	0.8929
69.6	0.9889	0.9890	0.9885	0.8893	0.9881	0.0825	0.9910	0.8900
69.7	0.9858	0.9861	0.9847	0.8719	0.9857	0.2432	0.9892	0.8826
69.8	0.9886	0.9887	0.9876	0.9071	0.9877	0.3412	0.9917	0.8914
69.9	0.9877	0.9879	0.9871	0.8822	0.9878	0.3028	0.9914	0.9020
70.0	0.9876	0.9882	0.9853	0.8775	0.9877	0.4258	0.9907	0.9186
70.1	0.9903	0.9906	0.9872	0.9097	0.9903	0.6398	0.9927	0.9540
70.2	0.9884	0.9888	0.9851	0.9089	0.9892	0.6410	0.9911	0.9327
70.3	0.9868	0.9872	0.9864	0.9018	0.9868	0.6705	0.9901	0.9355
70.4	0.9865	0.9871	0.9858	0.8908	0.9873	0.6949	0.9902	0.9226
70.5	0.9868	0.9873	0.9860	0.9238	0.9862	0.7987	0.9897	0.9467
70.6	0.9831	0.9837	0.9804	0.8817	0.9802	0.7453	0.9869	0.9402
70.7	0.9835	0.9843	0.9815	0.9126	0.9803	0.8147	0.9864	0.9369
70.8	0.9909	0.9913	0.9870	0.9249	0.9885	0.8898	0.9926	0.9595
70.9	0.9878	0.9885	0.9854	0.9002	0.9850	0.8689	0.9900	0.9559
71.0	0.9883	0.9891	0.9810	0.8833	0.9850	0.8670	0.9883	0.9460
71.1	0.9860	0.9870	0.9781	0.8820	0.9827	0.8423	0.9887	0.9364
71.2	0.9902	0.9908	0.9847	0.9222	0.9873	0.9021	0.9921	0.9565
71.3	0.9890	0.9897	0.9827	0.8945	0.9858	0.8809	0.9919	0.9484
71.4	0.9843	0.9853	0.9808	0.8653	0.9814	0.8547	0.9880	0.9468
71.5	0.9860	0.9872	0.9791	0.8690	0.9789	0.8723	0.9874	0.9534
71.6	0.9873	0.9883	0.9870	0.9114	0.9841	0.9144	0.9907	0.9691
71.7	0.9898	0.9906	0.9868	0.9044	0.9885	0.9287	0.9924	0.9710
71.8	0.9884	0.9894	0.9861	0.9014	0.9838	0.9218	0.9900	0.9588
71.9	0.9842	0.9852	0.9798	0.8567	0.9791	0.9018	0.9878	0.9543
72.0	0.9864	0.9874	0.9746	0.8880	0.9829	0.9163	0.9882	0.9550
72.1	0.9839	0.9848	0.9718	0.8935	0.9810	0.9145	0.9870	0.9516
72.2	0.9856	0.9869	0.9812	0.8887	0.9812	0.9288	0.9892	0.9590
72.3	0.9892	0.9902	0.9819	0.8977	0.9869	0.9308	0.9919	0.9641
72.4	0.9875	0.9887	0.9756	0.8767	0.9833	0.9170	0.9914	0.9607
72.5	0.9871	0.9881	0.9765	0.8583	0.9812	0.9298	0.9903	0.9619
72.6	0.9904	0.9907	0.9725	0.8373	0.9857	0.9326	0.9917	0.9614
72.7	0.9910	0.9911	0.9695	0.8453	0.9847	0.9305	0.9922	0.9637
72.8	0.9882	0.9886	0.9722	0.8482	0.9809	0.9282	0.9905	0.9584
72.9	0.9885	0.9892	0.9786	0.8702	0.9799	0.9428	0.9904	0.9690
73.0	0.9892	0.9902	0.9736	0.8440	0.9821	0.9311	0.9904	0.9611
73.1	0.9917	0.9919	0.9688	0.8118	0.9856	0.9376	0.9933	0.9656
73.2	0.9898	0.9903	0.9639	0.7872	0.9842	0.9128	0.9927	0.9600
73.3	0.9855	0.9859	0.9649	0.8123	0.9825	0.9035	0.9905	0.9562
73.4	0.9878	0.9880	0.9674	0.7878	0.9814	0.9191	0.9908	0.9630
73.5	0.9902	0.9906	0.9771	0.7416	0.9836	0.9449	0.9910	0.9683
73.6	0.9884	0.9889	0.9772	0.7573	0.9846	0.9344	0.9914	0.9676
73.7	0.9902	0.9907	0.9668	0.7434	0.9845	0.9189	0.9902	0.9637
73.8	0.9916	0.9921	0.9690	0.7394	0.9868	0.9417	0.9910	0.9690
73.9	0.9895	0.9898	0.9657	0.7461	0.9822	0.9287	0.9901	0.9590
74.0	0.9879	0.9874	0.9623	0.7290	0.9841	0.9322	0.9905	0.9610
74.1	0.9903	0.9902	0.9649	0.7378	0.9874	0.9452	0.9926	0.9713
74.2	0.9915	0.9912	0.9655	0.7751	0.9854	0.9520	0.9927	0.9725
74.3	0.9915	0.9912	0.9621	0.6885	0.9854	0.9602	0.9915	0.9769
74.4	0.9900	0.9900	0.9603	0.6212	0.9837	0.9346	0.9900	0.9637
74.5	0.9882	0.9879	0.9507	0.5613	0.9818	0.9110	0.9903	0.9491
74.6	0.9861	0.9839	0.9382	0.4352	0.9858	0.9360	0.9910	0.9567
74.7	0.9922	0.9919	0.9680	0.5721	0.9863	0.9527	0.9918	0.9663
74.8	0.9943	0.9943	0.9808	0.6550	0.9867	0.9621	0.9902	0.9793
74.9	0.9941	0.9937	0.9791	0.7192	0.9883	0.9713	0.9939	0.9792
75.0	0.9944	0.9945	0.9691	0.7181	0.9906	0.9676	0.9958	0.9764
75.1	0.9911	0.9910	0.9654	0.7104	0.9864	0.9540	0.9938	0.9563
75.2	0.9906	0.9903	0.9674	0.7329	0.9849	0.9513	0.9906	0.9635
75.3	0.9930	0.9926	0.9682	0.7564	0.9888	0.9622	0.9912	0.9657
75.4	0.9941	0.9937	0.9628	0.7508	0.9904	0.9640	0.9931	0.9575
75.5	0.9944	0.9942	0.9646	0.6868	0.9881	0.9614	0.9923	0.9612
75.6	0.9929	0.9921	0.9482	0.6493	0.9855	0.9466	0.9891	0.9488
75.7	0.9947	0.9943	0.9623	0.7784	0.9865	0.9644	0.9920	0.9654
75.8	0.9936	0.9935	0.9534	0.8420	0.9822	0.9667	0.9897	0.9596
75.9	0.9933	0.9930	0.9431	0.8602	0.9850	0.9617	0.9895	0.9435
76.0	0.9941	0.9935	0.9491	0.8369	0.9862	0.9641	0.9902	0.9533
76.1	0.9941	0.9936	0.9516	0.8260	0.9863	0.9699	0.9893	0.9644
76.2	0.9930	0.9925	0.9520	0.8400	0.9804	0.9621	0.9877	0.9512
76.3	0.9934	0.9922	0.9304	0.8166	0.9797	0.9586	0.9832	0.9506
76.4	0.9938	0.9931	0.9417	0.8280	0.9795	0.9615	0.9863	0.9441
76.5	0.9934	0.9927	0.9522	0.8712	0.9835	0.9627	0.9844	0.9548

76.6	0.9939	0.9930	0.9587	0.8828	0.9803	0.9739	0.9840	0.9585
76.7	0.9942	0.9939	0.9355	0.8782	0.9801	0.9705	0.9849	0.9426
76.8	0.9952	0.9951	0.9400	0.9239	0.9814	0.9767	0.9859	0.9460
76.9	0.9950	0.9948	0.9438	0.8967	0.9808	0.9762	0.9858	0.9600
77.0	0.9939	0.9932	0.9364	0.9187	0.9798	0.9697	0.9857	0.9543
77.1	0.9919	0.9914	0.9417	0.9170	0.9767	0.9697	0.9848	0.9521
77.2	0.9929	0.9927	0.9351	0.8782	0.9715	0.9677	0.9786	0.9324
77.3	0.9934	0.9929	0.9349	0.9164	0.9771	0.9718	0.9824	0.9362
77.4	0.9935	0.9933	0.9479	0.9299	0.9795	0.9839	0.9835	0.9456
77.5	0.9931	0.9931	0.9393	0.9185	0.9745	0.9812	0.9796	0.9441
77.6	0.9921	0.9921	0.9470	0.9320	0.9743	0.9801	0.9768	0.9418
77.7	0.9935	0.9937	0.9524	0.9465	0.9824	0.9823	0.9827	0.9437
77.8	0.9924	0.9926	0.9516	0.9445	0.9783	0.9816	0.9826	0.9295
77.9	0.9897	0.9900	0.9415	0.9451	0.9631	0.9745	0.9744	0.9086
78.0	0.9913	0.9917	0.9471	0.9351	0.9745	0.9762	0.9747	0.9191
78.1	0.9928	0.9931	0.9385	0.9411	0.9690	0.9791	0.9742	0.9197
78.2	0.9890	0.9899	0.9195	0.9426	0.9521	0.9722	0.9554	0.8508
78.3	0.9895	0.9905	0.9355	0.9267	0.9603	0.9806	0.9640	0.8514
78.4	0.9936	0.9945	0.9521	0.9401	0.9794	0.9872	0.9777	0.9104
78.5	0.9932	0.9944	0.9421	0.9468	0.9784	0.9826	0.9744	0.8842
78.6	0.9914	0.9929	0.9414	0.9476	0.9694	0.9813	0.9668	0.8372
78.7	0.9910	0.9931	0.9468	0.9524	0.9715	0.9848	0.9724	0.9094
78.8	0.9904	0.9924	0.9362	0.9345	0.9732	0.9811	0.9672	0.8594
78.9	0.9913	0.9931	0.9365	0.9441	0.9726	0.9800	0.9665	0.8354
79.0	0.9886	0.9923	0.9266	0.8070	0.9710	0.9779	0.9566	0.8172
79.1	0.9880	0.9915	0.9319	0.8699	0.9771	0.9734	0.9706	0.8650
79.2	0.9879	0.9900	0.9509	0.9136	0.9782	0.9783	0.9751	0.8922
79.3	0.9840	0.9880	0.9328	0.9059	0.9638	0.9750	0.9657	0.8560
79.4	0.9874	0.9902	0.9492	0.9338	0.9742	0.9784	0.9697	0.8608
79.5	0.9909	0.9932	0.9507	0.9654	0.9821	0.9844	0.9784	0.9089
79.6	0.9875	0.9909	0.9427	0.9592	0.9778	0.9786	0.9742	0.8852
79.7	0.9883	0.9919	0.9387	0.9662	0.9795	0.9801	0.9773	0.8773
79.8	0.9887	0.9926	0.9578	0.9740	0.9812	0.9844	0.9804	0.8950
79.9	0.9852	0.9905	0.9383	0.9653	0.9744	0.9768	0.9736	0.8864
80.0	0.9849	0.9900	0.9212	0.9694	0.9782	0.9714	0.9758	0.9016

2.2.2 Run 1 – IP000 – Accels 9–16

In-plane shaking at 0°. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.1932	0.9351	0.2597	0.7077	0.3597	0.0643	0.0001	0.9541
0.1	0.0199	0.0099	0.0186	0.0572	0.0229	0.0148	0.0017	0.0002
0.2	0.0086	0.0002	0.0040	0.0000	0.0082	0.0008	0.0055	0.0057
0.3	0.0005	0.0078	0.0045	0.0063	0.0012	0.0098	0.0188	0.0127
0.4	0.0353	0.0049	0.0126	0.0241	0.0148	0.0112	0.0310	0.0391
0.5	0.0004	0.0190	0.0198	0.0054	0.0092	0.1209	0.0125	0.0252
0.6	0.0373	0.0084	0.0195	0.0403	0.0042	0.0104	0.0336	0.0092
0.7	0.0049	0.0047	0.0018	0.0177	0.0144	0.0140	0.0258	0.0015
0.8	0.0267	0.0035	0.0249	0.0181	0.0075	0.0267	0.0137	0.0125
0.9	0.0010	0.0413	0.0275	0.0330	0.0136	0.0801	0.0244	0.0667
1.0	0.0050	0.0447	0.0200	0.0056	0.0008	0.0471	0.0687	0.0230
1.1	0.0459	0.1363	0.1009	0.0002	0.0062	0.3151	0.0066	0.0683
1.2	0.0140	0.4881	0.2926	0.0607	0.0134	0.6753	0.0076	0.2210
1.3	0.0359	0.4057	0.3166	0.1203	0.0008	0.4671	0.0023	0.2503
1.4	0.0197	0.7561	0.6328	0.1904	0.0518	0.7784	0.0626	0.3756
1.5	0.3710	0.8807	0.9073	0.7438	0.1325	0.8558	0.1122	0.7226
1.6	0.4028	0.9483	0.9148	0.8122	0.3194	0.9841	0.1721	0.8955
1.7	0.1969	0.9772	0.9782	0.8195	0.5275	0.9939	0.1029	0.9600
1.8	0.2378	0.9935	0.9944	0.9351	0.7970	0.9977	0.1151	0.9868
1.9	0.6833	0.9982	0.9985	0.9705	0.9452	0.9992	0.2556	0.9969
2.0	0.8741	0.9987	0.9993	0.9712	0.9765	0.9995	0.3666	0.9982
2.1	0.9170	0.9978	0.9987	0.9286	0.9565	0.9990	0.4910	0.9970
2.2	0.7488	0.9889	0.9886	0.6433	0.9033	0.9920	0.2021	0.9862
2.3	0.6479	0.9201	0.9236	0.3417	0.8523	0.9233	0.0691	0.9222
2.4	0.6220	0.9775	0.9865	0.1572	0.8547	0.9854	0.0413	0.9814
2.5	0.3515	0.9884	0.9965	0.3254	0.7856	0.9967	0.0218	0.9835
2.6	0.2878	0.9910	0.9981	0.4449	0.7185	0.9986	0.0217	0.9894
2.7	0.1689	0.9884	0.9988	0.5465	0.7183	0.9990	0.0031	0.9866
2.8	0.1496	0.9886	0.9994	0.6804	0.7181	0.9996	0.0174	0.9847
2.9	0.1535	0.9786	0.9993	0.6587	0.7607	0.9996	0.0370	0.9564
3.0	0.1433	0.9544	0.9996	0.6890	0.9194	0.9998	0.0372	0.8649
3.1	0.0859	0.8742	0.9997	0.7942	0.9730	0.9998	0.0658	0.9400
3.2	0.0528	0.9457	0.9997	0.8275	0.9827	0.9999	0.0766	0.9818
3.3	0.1318	0.9829	0.9997	0.7809	0.9858	0.9998	0.0063	0.9919
3.4	0.0185	0.9852	0.9994	0.6423	0.9835	0.9997	0.0151	0.9943
3.5	0.0503	0.9884	0.9995	0.6338	0.9840	0.9997	0.0004	0.9958
3.6	0.0296	0.9922	0.9993	0.6524	0.9879	0.9996	0.0064	0.9972
3.7	0.0562	0.9927	0.9990	0.5304	0.9898	0.9996	0.0017	0.9972
3.8	0.0132	0.9951	0.9990	0.5531	0.9909	0.9993	0.0400	0.9976
3.9	0.0369	0.9959	0.9989	0.5000	0.9912	0.9995	0.0797	0.9986
4.0	0.0289	0.9955	0.9985	0.3550	0.9909	0.9993	0.0241	0.9983
4.1	0.0062	0.9960	0.9984	0.2928	0.9921	0.9992	0.0026	0.9983
4.2	0.0679	0.9956	0.9987	0.3290	0.9926	0.9992	0.0050	0.9984
4.3	0.0137	0.9958	0.9974	0.1801	0.9924	0.9989	0.0009	0.9981
4.4	0.1512	0.9959	0.9977	0.2411	0.9928	0.9988	0.0201	0.9985
4.5	0.0506	0.9965	0.9982	0.4523	0.9950	0.9991	0.0277	0.9989
4.6	0.0682	0.9967	0.9976	0.4463	0.9958	0.9985	0.0564	0.9990
4.7	0.1346	0.9963	0.9968	0.2494	0.9937	0.9981	0.0014	0.9986
4.8	0.0873	0.9961	0.9960	0.1704	0.9943	0.9981	0.0079	0.9988
4.9	0.1104	0.9961	0.9952	0.1330	0.9948	0.9974	0.0113	0.9983
5.0	0.0924	0.9965	0.9952	0.1808	0.9959	0.9973	0.0129	0.9987
5.1	0.1714	0.9964	0.9942	0.2056	0.9956	0.9953	0.0479	0.9986
5.2	0.0753	0.9973	0.9949	0.3012	0.9961	0.9970	0.0010	0.9991
5.3	0.1583	0.9973	0.9955	0.2748	0.9970	0.9959	0.0050	0.9986
5.4	0.1067	0.9976	0.9944	0.1347	0.9970	0.9961	0.0032	0.9988
5.5	0.1317	0.9980	0.9934	0.4351	0.9974	0.9960	0.0072	0.9990
5.6	0.2794	0.9980	0.9948	0.5620	0.9979	0.9956	0.0114	0.9990
5.7	0.3817	0.9984	0.9958	0.6717	0.9979	0.9962	0.0989	0.9990
5.8	0.4049	0.9985	0.9949	0.6581	0.9981	0.9962	0.0591	0.9990
5.9	0.3497	0.9982	0.9943	0.6786	0.9970	0.9939	0.0908	0.9984
6.0	0.2832	0.9970	0.9925	0.7285	0.9973	0.9938	0.0105	0.9987
6.1	0.1837	0.9968	0.9940	0.7313	0.9973	0.9939	0.0199	0.9986
6.2	0.2220	0.9972	0.9944	0.7483	0.9975	0.9946	0.0311	0.9984
6.3	0.2679	0.9980	0.9930	0.7928	0.9981	0.9937	0.0140	0.9987
6.4	0.2462	0.9978	0.9907	0.7013	0.9972	0.9917	0.0060	0.9986
6.5	0.4798	0.9978	0.9936	0.6867	0.9936	0.9932	0.0270	0.9932
6.6	0.5715	0.9986	0.9921	0.7743	0.9980	0.9914	0.0140	0.9986
6.7	0.6841	0.9985	0.9891	0.7823	0.9979	0.9899	0.0329	0.9983
6.8	0.7609	0.9988	0.9932	0.8390	0.9986	0.9919	0.0016	0.9989
6.9	0.8316	0.9984	0.9929	0.8678	0.9984	0.9941	0.0073	0.9986
7.0	0.8977	0.9982	0.9913	0.8613	0.9976	0.9910	0.0389	0.9979
7.1	0.9290	0.9976	0.9941	0.8781	0.9968	0.9939	0.0030	0.9970
7.2	0.9416	0.9976	0.9934	0.9347	0.9973	0.9931	0.0844	0.9974
7.3	0.9314	0.9976	0.9944	0.9213	0.9968	0.9947	0.0134	0.9968
7.4	0.9446	0.9961	0.9905	0.8462	0.9964	0.9931	0.0028	0.9964
7.5	0.9275	0.9956	0.9884	0.2792	0.9928	0.9887	0.1269	0.9927
7.6	0.7854	0.9965	0.9893	0.0946	0.9908	0.9915	0.0277	0.9906
7.7	0.4854	0.9979	0.9919	0.1164	0.9947	0.9935	0.0570	0.9937
7.8	0.5225	0.9986	0.9949	0.2390	0.9926	0.9953	0.0318	0.9927
7.9	0.6811	0.9984	0.9924	0.1044	0.9915	0.9938	0.0526	0.9905

8.0	0.5910	0.9980	0.9900	0.4058	0.9829	0.9925	0.0093	0.9825
8.1	0.6487	0.9981	0.9919	0.0375	0.9850	0.9944	0.0056	0.9855
8.2	0.7844	0.9976	0.9926	0.1466	0.9879	0.9935	0.0149	0.9876
8.3	0.6602	0.9967	0.9939	0.1882	0.9863	0.9956	0.0023	0.9861
8.4	0.7024	0.9975	0.9921	0.3666	0.9878	0.9940	0.0811	0.9886
8.5	0.6874	0.9981	0.9941	0.4030	0.9915	0.9958	0.0320	0.9912
8.6	0.7554	0.9982	0.9940	0.5108	0.9962	0.9953	0.0203	0.9964
8.7	0.8481	0.9987	0.9939	0.5761	0.9974	0.9951	0.0677	0.9976
8.8	0.8891	0.9984	0.9950	0.7075	0.9977	0.9963	0.1218	0.9978
8.9	0.8973	0.9989	0.9960	0.6885	0.9983	0.9965	0.0549	0.9983
9.0	0.9195	0.9983	0.9934	0.7200	0.9972	0.9949	0.0242	0.9975
9.1	0.9453	0.9972	0.9944	0.6274	0.9957	0.9951	0.0735	0.9957
9.2	0.9336	0.9974	0.9922	0.7232	0.9951	0.9933	0.0019	0.9950
9.3	0.9633	0.9974	0.9939	0.8658	0.9969	0.9944	0.1115	0.9970
9.4	0.9820	0.9977	0.9955	0.9080	0.9982	0.9951	0.0279	0.9982
9.5	0.9794	0.9981	0.9936	0.9229	0.9987	0.9954	0.0256	0.9986
9.6	0.9675	0.9965	0.9931	0.8401	0.9982	0.9956	0.0535	0.9982
9.7	0.9595	0.9964	0.9929	0.8436	0.9990	0.9951	0.0389	0.9990
9.8	0.9539	0.9950	0.9929	0.7637	0.9992	0.9954	0.0744	0.9992
9.9	0.9346	0.9957	0.9950	0.6410	0.9990	0.9965	0.0813	0.9989
10.0	0.9188	0.9961	0.9939	0.2887	0.9991	0.9960	0.0346	0.9991
10.1	0.8829	0.9958	0.9935	0.4285	0.9991	0.9968	0.0273	0.9991
10.2	0.8766	0.9976	0.9957	0.2747	0.9992	0.9971	0.0277	0.9992
10.3	0.8509	0.9975	0.9943	0.2264	0.9993	0.9957	0.0602	0.9993
10.4	0.8572	0.9982	0.9957	0.3662	0.9994	0.9971	0.0079	0.9994
10.5	0.7265	0.9977	0.9943	0.4071	0.9991	0.9965	0.0207	0.9992
10.6	0.5152	0.9971	0.9937	0.2961	0.9988	0.9959	0.0403	0.9988
10.7	0.6108	0.9980	0.9950	0.4055	0.9991	0.9967	0.0078	0.9991
10.8	0.5641	0.9980	0.9953	0.3153	0.9990	0.9974	0.0020	0.9991
10.9	0.4284	0.9973	0.9956	0.2330	0.9987	0.9969	0.0945	0.9988
11.0	0.4063	0.9977	0.9943	0.0704	0.9991	0.9967	0.0032	0.9992
11.1	0.3365	0.9983	0.9951	0.2114	0.9992	0.9966	0.0298	0.9991
11.2	0.2711	0.9978	0.9950	0.3846	0.9992	0.9969	0.0082	0.9993
11.3	0.3188	0.9971	0.9940	0.5734	0.9990	0.9968	0.0176	0.9990
11.4	0.5034	0.9974	0.9961	0.6199	0.9987	0.9974	0.0611	0.9989
11.5	0.7616	0.9976	0.9947	0.7335	0.9988	0.9970	0.0089	0.9989
11.6	0.7890	0.9976	0.9959	0.6175	0.9987	0.9968	0.0038	0.9989
11.7	0.7374	0.9973	0.9955	0.6436	0.9986	0.9965	0.0806	0.9987
11.8	0.6810	0.9970	0.9933	0.5662	0.9982	0.9953	0.0296	0.9982
11.9	0.7047	0.9978	0.9947	0.6574	0.9984	0.9971	0.0534	0.9985
12.0	0.5551	0.9972	0.9946	0.5736	0.9982	0.9955	0.0708	0.9983
12.1	0.5431	0.9973	0.9943	0.6695	0.9983	0.9971	0.0075	0.9983
12.2	0.3313	0.9961	0.9922	0.4246	0.9978	0.9948	0.0311	0.9978
12.3	0.3406	0.9967	0.9940	0.4560	0.9983	0.9958	0.0217	0.9984
12.4	0.4217	0.9971	0.9952	0.5972	0.9979	0.9963	0.0070	0.9981
12.5	0.2480	0.9966	0.9957	0.6439	0.9984	0.9967	0.0763	0.9983
12.6	0.3465	0.9972	0.9953	0.7022	0.9979	0.9970	0.0183	0.9981
12.7	0.4949	0.9979	0.9973	0.7012	0.9987	0.9975	0.0728	0.9988
12.8	0.5328	0.9978	0.9959	0.6570	0.9985	0.9967	0.0077	0.9985
12.9	0.4416	0.9979	0.9959	0.7220	0.9984	0.9968	0.0047	0.9985
13.0	0.7252	0.9986	0.9965	0.7575	0.9988	0.9980	0.0524	0.9990
13.1	0.7523	0.9977	0.9963	0.6991	0.9983	0.9984	0.0051	0.9982
13.2	0.7518	0.9973	0.9968	0.7436	0.9983	0.9980	0.0350	0.9982
13.3	0.7702	0.9975	0.9963	0.8255	0.9981	0.9973	0.0188	0.9980
13.4	0.7837	0.9964	0.9949	0.8390	0.9971	0.9962	0.0336	0.9970
13.5	0.7484	0.9961	0.9965	0.8535	0.9975	0.9966	0.0326	0.9978
13.6	0.7756	0.9965	0.9961	0.8749	0.9977	0.9968	0.0105	0.9974
13.7	0.8190	0.9951	0.9949	0.8656	0.9965	0.9958	0.0759	0.9964
13.8	0.8772	0.9956	0.9955	0.9074	0.9965	0.9959	0.0490	0.9959
13.9	0.8681	0.9955	0.9962	0.9058	0.9961	0.9963	0.2787	0.9958
14.0	0.9361	0.9967	0.9955	0.9106	0.9964	0.9968	0.1791	0.9963
14.1	0.9372	0.9972	0.9964	0.9166	0.9970	0.9965	0.0448	0.9967
14.2	0.9551	0.9968	0.9966	0.9263	0.9971	0.9972	0.1490	0.9964
14.3	0.9522	0.9955	0.9954	0.9068	0.9964	0.9963	0.0225	0.9961
14.4	0.9595	0.9951	0.9948	0.8991	0.9955	0.9957	0.2710	0.9953
14.5	0.9537	0.9965	0.9961	0.9024	0.9960	0.9970	0.2393	0.9958
14.6	0.9531	0.9946	0.9945	0.8697	0.9945	0.9956	0.1287	0.9943
14.7	0.9652	0.9951	0.9951	0.9120	0.9955	0.9954	0.0551	0.9958
14.8	0.9617	0.9958	0.9956	0.8821	0.9957	0.9967	0.1194	0.9961
14.9	0.9642	0.9931	0.9938	0.8793	0.9913	0.9936	0.0478	0.9921
15.0	0.9596	0.9943	0.9942	0.8334	0.9930	0.9950	0.0970	0.9936
15.1	0.9623	0.9928	0.9930	0.7834	0.9933	0.9933	0.1912	0.9937
15.2	0.9677	0.9936	0.9938	0.6813	0.9919	0.9946	0.2605	0.9925
15.3	0.9534	0.9937	0.9932	0.6711	0.9900	0.9943	0.1525	0.9917
15.4	0.9578	0.9924	0.9923	0.6833	0.9915	0.9930	0.0809	0.9924
15.5	0.9471	0.9919	0.9922	0.8160	0.9917	0.9929	0.1017	0.9923
15.6	0.9623	0.9929	0.9935	0.9098	0.9915	0.9937	0.0901	0.9921
15.7	0.9533	0.9912	0.9922	0.9070	0.9908	0.9924	0.1770	0.9914
15.8	0.9695	0.9895	0.9907	0.9337	0.9896	0.9910	0.4829	0.9908
15.9	0.9506	0.9871	0.9890	0.9301	0.9866	0.9896	0.6873	0.9874
16.0	0.9671	0.9873	0.9883	0.9406	0.9880	0.9892	0.6325	0.9877
16.1	0.9704	0.9854	0.9872	0.9504	0.9862	0.9884	0.5005	0.9858
16.2	0.9727	0.9842	0.9844	0.9574	0.9831	0.9851	0.2964	0.9832
16.3	0.9614	0.9760	0.9774	0.9355	0.9760	0.9786	0.3935	0.9765
16.4	0.9663	0.9773	0.9812	0.9577	0.9793	0.9813	0.5317	0.9787
16.5	0.9704	0.9785	0.9802	0.9611	0.9795	0.9803	0.7226	0.9791

16.6	0.9682	0.9727	0.9762	0.9589	0.9724	0.9763	0.8544	0.9726
16.7	0.9702	0.9751	0.9782	0.9688	0.9752	0.9786	0.7783	0.9752
16.8	0.9702	0.9726	0.9749	0.9639	0.9723	0.9758	0.6043	0.9719
16.9	0.9564	0.9684	0.9696	0.9583	0.9662	0.9702	0.5053	0.9661
17.0	0.9753	0.9812	0.9820	0.9697	0.9802	0.9821	0.5430	0.9799
17.1	0.9820	0.9869	0.9880	0.9738	0.9855	0.9879	0.6692	0.9854
17.2	0.9824	0.9888	0.9886	0.9837	0.9878	0.9890	0.8630	0.9878
17.3	0.9852	0.9917	0.9921	0.9847	0.9908	0.9920	0.8922	0.9907
17.4	0.9859	0.9927	0.9922	0.9811	0.9916	0.9925	0.7040	0.9916
17.5	0.9884	0.9942	0.9934	0.9842	0.9928	0.9935	0.5560	0.9930
17.6	0.9920	0.9952	0.9935	0.9917	0.9938	0.9939	0.5558	0.9942
17.7	0.9937	0.9968	0.9959	0.9902	0.9958	0.9961	0.6229	0.9960
17.8	0.9930	0.9970	0.9962	0.9882	0.9956	0.9961	0.7440	0.9958
17.9	0.9941	0.9977	0.9966	0.9936	0.9962	0.9968	0.8852	0.9966
18.0	0.9930	0.9980	0.9973	0.9928	0.9969	0.9975	0.8803	0.9971
18.1	0.9946	0.9983	0.9977	0.9945	0.9977	0.9977	0.7865	0.9977
18.2	0.9944	0.9988	0.9980	0.9954	0.9980	0.9980	0.7041	0.9981
18.3	0.9948	0.9988	0.9981	0.9962	0.9978	0.9981	0.7021	0.9979
18.4	0.9952	0.9987	0.9975	0.9960	0.9975	0.9976	0.7274	0.9976
18.5	0.9967	0.9991	0.9980	0.9962	0.9980	0.9980	0.8727	0.9980
18.6	0.9956	0.9991	0.9980	0.9956	0.9977	0.9981	0.9567	0.9979
18.7	0.9949	0.9993	0.9985	0.9965	0.9986	0.9985	0.9293	0.9987
18.8	0.9900	0.9992	0.9983	0.9960	0.9985	0.9985	0.8162	0.9986
18.9	0.9873	0.9992	0.9984	0.9955	0.9983	0.9986	0.6754	0.9984
19.0	0.9878	0.9993	0.9986	0.9959	0.9989	0.9987	0.6942	0.9989
19.1	0.9912	0.9994	0.9987	0.9966	0.9989	0.9988	0.7950	0.9990
19.2	0.9879	0.9995	0.9988	0.9969	0.9991	0.9989	0.8883	0.9992
19.3	0.9886	0.9994	0.9987	0.9957	0.9989	0.9988	0.9493	0.9990
19.4	0.9872	0.9994	0.9988	0.9956	0.9989	0.9989	0.8619	0.9990
19.5	0.9865	0.9995	0.9988	0.9942	0.9990	0.9990	0.7048	0.9991
19.6	0.9913	0.9993	0.9981	0.9943	0.9985	0.9980	0.6484	0.9986
19.7	0.9896	0.9992	0.9979	0.9945	0.9984	0.9982	0.6561	0.9985
19.8	0.9920	0.9995	0.9983	0.9944	0.9990	0.9983	0.7186	0.9991
19.9	0.9921	0.9994	0.9978	0.9928	0.9986	0.9977	0.8264	0.9987
20.0	0.9882	0.9993	0.9970	0.9844	0.9983	0.9973	0.8532	0.9985
20.1	0.9830	0.9991	0.9967	0.9823	0.9981	0.9971	0.6716	0.9983
20.2	0.9774	0.9990	0.9966	0.9858	0.9978	0.9970	0.5069	0.9981
20.3	0.9734	0.9989	0.9952	0.9844	0.9977	0.9957	0.3773	0.9979
20.4	0.9833	0.9989	0.9945	0.9854	0.9975	0.9950	0.5190	0.9978
20.5	0.9790	0.9989	0.9935	0.9827	0.9972	0.9942	0.6099	0.9977
20.6	0.9705	0.9987	0.9933	0.9819	0.9970	0.9940	0.8115	0.9974
20.7	0.9786	0.9991	0.9947	0.9789	0.9975	0.9955	0.8180	0.9980
20.8	0.9725	0.9989	0.9941	0.9814	0.9974	0.9951	0.6924	0.9977
20.9	0.9682	0.9991	0.9929	0.9790	0.9970	0.9931	0.5665	0.9974
21.0	0.9523	0.9987	0.9901	0.9701	0.9960	0.9906	0.3990	0.9965
21.1	0.9530	0.9984	0.9890	0.9754	0.9955	0.9899	0.6041	0.9962
21.2	0.9223	0.9984	0.9868	0.9700	0.9952	0.9862	0.7028	0.9958
21.3	0.9199	0.9988	0.9890	0.9650	0.9957	0.9896	0.8590	0.9966
21.4	0.8113	0.9985	0.9878	0.9522	0.9946	0.9888	0.8118	0.9956
21.5	0.8186	0.9988	0.9872	0.9562	0.9954	0.9885	0.6315	0.9962
21.6	0.6964	0.9991	0.9887	0.9620	0.9962	0.9888	0.6224	0.9966
21.7	0.4501	0.9989	0.9877	0.9429	0.9949	0.9870	0.6182	0.9947
21.8	0.2857	0.9983	0.9854	0.9307	0.9927	0.9842	0.5951	0.9930
21.9	0.3437	0.9986	0.9850	0.9097	0.9906	0.9845	0.7611	0.9914
22.0	0.4870	0.9985	0.9842	0.9045	0.9913	0.9820	0.8230	0.9923
22.1	0.6171	0.9986	0.9839	0.8789	0.9895	0.9805	0.6359	0.9903
22.2	0.6460	0.9984	0.9864	0.8825	0.9891	0.9831	0.5226	0.9918
22.3	0.7240	0.9985	0.9832	0.8702	0.9840	0.9817	0.3777	0.9873
22.4	0.6977	0.9991	0.9879	0.8112	0.9622	0.9846	0.2676	0.9739
22.5	0.6278	0.9990	0.9780	0.7771	0.9481	0.9734	0.4582	0.9621
22.6	0.6741	0.9987	0.9833	0.7639	0.9810	0.9808	0.4104	0.9860
22.7	0.7406	0.9986	0.9865	0.7578	0.9843	0.9872	0.4180	0.9895
22.8	0.6805	0.9986	0.9855	0.7039	0.9846	0.9850	0.2384	0.9885
22.9	0.7002	0.9989	0.9883	0.6976	0.9897	0.9894	0.0596	0.9910
23.0	0.6872	0.9987	0.9899	0.6431	0.9858	0.9873	0.0995	0.9906
23.1	0.6772	0.9984	0.9856	0.6286	0.9853	0.9842	0.0882	0.9885
23.2	0.7104	0.9983	0.9861	0.6453	0.9842	0.9838	0.0371	0.9864
23.3	0.6716	0.9979	0.9872	0.5501	0.9840	0.9834	0.2213	0.9868
23.4	0.6974	0.9982	0.9877	0.6013	0.9864	0.9870	0.1237	0.9887
23.5	0.8077	0.9985	0.9885	0.6679	0.9886	0.9902	0.0517	0.9901
23.6	0.8217	0.9986	0.9914	0.7504	0.9885	0.9897	0.2203	0.9893
23.7	0.8451	0.9984	0.9881	0.7450	0.9824	0.9850	0.0390	0.9842
23.8	0.8504	0.9981	0.9845	0.7306	0.9782	0.9836	0.0566	0.9821
23.9	0.8790	0.9977	0.9852	0.7037	0.9780	0.9823	0.0837	0.9822
24.0	0.8784	0.9973	0.9814	0.6625	0.9798	0.9811	0.2068	0.9817
24.1	0.9066	0.9977	0.9862	0.7203	0.9773	0.9838	0.1835	0.9801
24.2	0.9338	0.9983	0.9875	0.8086	0.9804	0.9858	0.0372	0.9841
24.3	0.8927	0.9975	0.9778	0.7257	0.9744	0.9798	0.0228	0.9801
24.4	0.8791	0.9977	0.9726	0.7252	0.9679	0.9757	0.0148	0.9760
24.5	0.9426	0.9985	0.9854	0.8220	0.9816	0.9838	0.0159	0.9853
24.6	0.9258	0.9985	0.9868	0.8051	0.9807	0.9860	0.0321	0.9851
24.7	0.9295	0.9983	0.9800	0.7553	0.9770	0.9835	0.1233	0.9838
24.8	0.9180	0.9983	0.9795	0.7747	0.9771	0.9770	0.0232	0.9840
24.9	0.9031	0.9976	0.9711	0.7169	0.9728	0.9724	0.0371	0.9805
25.0	0.9102	0.9979	0.9726	0.7403	0.9742	0.9763	0.0526	0.9812
25.1	0.9229	0.9974	0.9661	0.7293	0.9540	0.9664	0.0243	0.9670

25.2	0.8705	0.9978	0.9656	0.7402	0.9487	0.9613	0.0029	0.9608
25.3	0.8832	0.9985	0.9632	0.6524	0.9405	0.9614	0.0249	0.9596
25.4	0.8339	0.9982	0.9657	0.5764	0.9346	0.9598	0.0068	0.9513
25.5	0.8962	0.9976	0.9615	0.6002	0.9610	0.9613	0.0455	0.9718
25.6	0.9075	0.9976	0.9573	0.5750	0.9574	0.9625	0.0093	0.9710
25.7	0.8536	0.9979	0.9619	0.4657	0.9599	0.9668	0.0608	0.9735
25.8	0.8676	0.9978	0.9607	0.5806	0.9566	0.9619	0.0544	0.9707
25.9	0.8566	0.9981	0.9645	0.6324	0.9596	0.9708	0.0649	0.9763
26.0	0.7888	0.9977	0.9501	0.5479	0.9538	0.9638	0.0127	0.9721
26.1	0.7456	0.9977	0.9485	0.4888	0.9533	0.9589	0.0358	0.9697
26.2	0.5964	0.9981	0.9622	0.5821	0.9659	0.9695	0.0019	0.9800
26.3	0.6326	0.9976	0.9483	0.4525	0.9538	0.9514	0.0136	0.9713
26.4	0.6920	0.9981	0.9563	0.6416	0.9591	0.9662	0.0052	0.9786
26.5	0.5323	0.9980	0.9435	0.5377	0.9584	0.9507	0.0002	0.9755
26.6	0.6598	0.9985	0.9655	0.7092	0.9647	0.9601	0.0509	0.9841
26.7	0.6336	0.9985	0.9540	0.8336	0.9604	0.9592	0.0403	0.9842
26.8	0.3619	0.9977	0.9443	0.7995	0.9612	0.9457	0.1065	0.9753
26.9	0.3155	0.9972	0.9392	0.8782	0.9585	0.9311	0.0035	0.9805
27.0	0.3200	0.9984	0.9419	0.8962	0.9772	0.9629	0.0921	0.9825
27.1	0.1715	0.9982	0.9375	0.8997	0.9725	0.9437	0.0102	0.9808
27.2	0.0912	0.9983	0.9418	0.8441	0.9641	0.9564	0.0004	0.9769
27.3	0.0664	0.9978	0.9327	0.8030	0.9640	0.9444	0.0224	0.9744
27.4	0.1375	0.9982	0.9474	0.8095	0.9690	0.9590	0.0517	0.9786
27.5	0.0204	0.9985	0.9357	0.8084	0.9582	0.9430	0.0379	0.9689
27.6	0.0083	0.9978	0.9154	0.6671	0.9490	0.9209	0.0017	0.9566
27.7	0.0130	0.9981	0.9238	0.6360	0.9514	0.9387	0.0313	0.9623
27.8	0.0004	0.9985	0.9454	0.6992	0.9668	0.9459	0.0012	0.9731
27.9	0.0557	0.9980	0.9099	0.6210	0.9634	0.9257	0.0030	0.9685
28.0	0.0686	0.9982	0.8946	0.6379	0.9594	0.9241	0.0119	0.9624
28.1	0.2514	0.9980	0.9000	0.6731	0.9706	0.9334	0.0242	0.9626
28.2	0.2470	0.9981	0.9139	0.6046	0.9738	0.9323	0.0135	0.9674
28.3	0.2827	0.9985	0.9217	0.7532	0.9673	0.9120	0.0023	0.9599
28.4	0.1885	0.9972	0.8565	0.5727	0.9438	0.8622	0.0006	0.9292
28.5	0.2750	0.9973	0.8445	0.5168	0.9433	0.8574	0.0178	0.9348
28.6	0.2790	0.9980	0.8744	0.6203	0.9659	0.8879	0.0046	0.9500
28.7	0.3358	0.9982	0.8002	0.6264	0.9482	0.8579	0.0399	0.9410
28.8	0.3252	0.9983	0.7894	0.4609	0.9290	0.8045	0.0083	0.9201
28.9	0.2801	0.9984	0.8014	0.5224	0.9424	0.7660	0.0233	0.9346
29.0	0.3410	0.9985	0.8175	0.6331	0.9424	0.7752	0.0179	0.9325
29.1	0.4036	0.9986	0.7692	0.6194	0.9344	0.7308	0.0239	0.9241
29.2	0.1995	0.9981	0.6029	0.5084	0.9047	0.5869	0.0814	0.8974
29.3	0.2987	0.9983	0.4587	0.4550	0.8805	0.5178	0.0388	0.8827
29.4	0.2025	0.9984	0.3873	0.2441	0.8615	0.4072	0.0309	0.8733
29.5	0.1757	0.9979	0.3712	0.2691	0.8804	0.4131	0.0316	0.8925
29.6	0.1381	0.9976	0.3658	0.2514	0.8856	0.4117	0.0014	0.8987
29.7	0.1005	0.9973	0.1885	0.1248	0.7705	0.2120	0.0086	0.8134
29.8	0.1689	0.9982	0.0969	0.1147	0.7734	0.1024	0.0035	0.8147
29.9	0.1378	0.9988	0.0332	0.1242	0.4902	0.0373	0.0220	0.7042
30.0	0.1839	0.9986	0.0638	0.1189	0.7838	0.0489	0.0139	0.8007
30.1	0.1527	0.9975	0.1398	0.1181	0.5588	0.1453	0.0228	0.6558
30.2	0.1915	0.9976	0.2784	0.0692	0.6412	0.2574	0.0023	0.7040
30.3	0.0340	0.9972	0.3013	0.0602	0.6118	0.2039	0.0029	0.6835
30.4	0.1400	0.9977	0.4310	0.0442	0.5560	0.3842	0.0017	0.6493
30.5	0.1501	0.9982	0.4221	0.0390	0.5594	0.5032	0.0177	0.6879
30.6	0.1180	0.9982	0.5265	0.0264	0.4920	0.5134	0.0729	0.5858
30.7	0.1012	0.9981	0.6475	0.0544	0.3320	0.6672	0.0253	0.5435
30.8	0.1082	0.9982	0.6231	0.0330	0.2498	0.6609	0.0124	0.5061
30.9	0.0914	0.9975	0.7206	0.0905	0.2212	0.7472	0.0145	0.4860
31.0	0.0241	0.9979	0.7567	0.0693	0.2628	0.7639	0.0132	0.5293
31.1	0.0356	0.9979	0.7310	0.0845	0.1593	0.7436	0.0207	0.4790
31.2	0.0191	0.9976	0.7171	0.1035	0.1992	0.7862	0.0040	0.3922
31.3	0.0069	0.9975	0.5666	0.0642	0.0519	0.6251	0.0012	0.1651
31.4	0.0540	0.9966	0.7836	0.0963	0.1859	0.8050	0.0351	0.2877
31.5	0.0916	0.9980	0.8766	0.2981	0.2701	0.8833	0.0181	0.3509
31.6	0.1608	0.9978	0.8918	0.2105	0.2175	0.9047	0.0186	0.4396
31.7	0.2320	0.9978	0.8815	0.2908	0.2505	0.8926	0.0131	0.4585
31.8	0.1511	0.9976	0.9198	0.4957	0.3532	0.9168	0.0193	0.5408
31.9	0.1904	0.9981	0.9146	0.4329	0.3599	0.9325	0.0022	0.4752
32.0	0.1683	0.9973	0.8844	0.4614	0.4198	0.9066	0.0036	0.4311
32.1	0.1049	0.9963	0.8748	0.3994	0.3388	0.8864	0.0670	0.3826
32.2	0.2149	0.9973	0.8708	0.3957	0.4901	0.9099	0.0272	0.5219
32.3	0.2960	0.9969	0.8858	0.3275	0.4745	0.9192	0.0125	0.4642
32.4	0.2708	0.9983	0.9184	0.4306	0.6292	0.9139	0.0190	0.4833
32.5	0.2927	0.9985	0.9058	0.3676	0.5364	0.9090	0.0036	0.4462
32.6	0.3315	0.9981	0.9328	0.3643	0.6604	0.9457	0.0071	0.5264
32.7	0.4223	0.9983	0.9478	0.3667	0.7507	0.9542	0.0616	0.5538
32.8	0.4411	0.9973	0.9166	0.1650	0.6510	0.9322	0.0095	0.3562
32.9	0.5018	0.9978	0.9276	0.2587	0.6985	0.9377	0.0161	0.4653
33.0	0.4487	0.9975	0.9512	0.4278	0.7571	0.9484	0.0256	0.4667
33.1	0.5766	0.9977	0.9447	0.4437	0.7893	0.9499	0.0035	0.4580
33.2	0.5809	0.9986	0.9540	0.4236	0.8612	0.9607	0.0119	0.6284
33.3	0.5413	0.9983	0.9537	0.3531	0.8891	0.9602	0.0510	0.6312
33.4	0.3962	0.9980	0.9407	0.3435	0.8394	0.9570	0.0141	0.6435
33.5	0.3799	0.9982	0.9403	0.3162	0.8228	0.9362	0.0117	0.6783
33.6	0.4023	0.9979	0.9240	0.3646	0.7731	0.9005	0.0754	0.5702
33.7	0.2498	0.9972	0.9139	0.1361	0.7448	0.8899	0.0154	0.4904

33.8	0.3649	0.9977	0.9208	0.4501	0.6755	0.8918	0.0517	0.4908
33.9	0.4268	0.9970	0.8936	0.4835	0.5901	0.8779	0.0220	0.4180
34.0	0.3800	0.9967	0.9036	0.3712	0.5975	0.8984	0.1028	0.2636
34.1	0.2706	0.9972	0.9291	0.5192	0.7448	0.9267	0.0119	0.4632
34.2	0.4472	0.9967	0.9276	0.3005	0.7275	0.9248	0.0021	0.5843
34.3	0.5908	0.9968	0.9527	0.2597	0.8378	0.9517	0.0356	0.7488
34.4	0.7502	0.9978	0.9687	0.4835	0.8837	0.9674	0.0118	0.8409
34.5	0.7947	0.9978	0.9664	0.3512	0.8897	0.9693	0.0166	0.8778
34.6	0.8521	0.9982	0.9725	0.4448	0.9197	0.9786	0.0614	0.9162
34.7	0.8961	0.9982	0.9836	0.4993	0.9487	0.9838	0.0048	0.9464
34.8	0.8704	0.9975	0.9792	0.4193	0.9336	0.9828	0.0353	0.9231
34.9	0.8744	0.9978	0.9737	0.4190	0.9135	0.9806	0.0004	0.9309
35.0	0.8697	0.9979	0.9780	0.3369	0.9382	0.9832	0.0122	0.9412
35.1	0.8737	0.9974	0.9807	0.3750	0.9430	0.9831	0.0083	0.9490
35.2	0.8267	0.9978	0.9767	0.2519	0.9338	0.9788	0.0391	0.9399
35.3	0.8053	0.9975	0.9755	0.2633	0.9356	0.9766	0.0212	0.9291
35.4	0.8151	0.9974	0.9720	0.3984	0.9509	0.9731	0.0187	0.9112
35.5	0.7824	0.9972	0.9674	0.3241	0.9553	0.9656	0.0077	0.8823
35.6	0.7636	0.9978	0.9689	0.4371	0.9534	0.9669	0.0460	0.8883
35.7	0.7731	0.9977	0.9549	0.4097	0.9269	0.9529	0.0117	0.8615
35.8	0.8445	0.9975	0.9595	0.5661	0.9441	0.9568	0.0608	0.8823
35.9	0.8289	0.9976	0.9501	0.5403	0.9352	0.9528	0.0506	0.8668
36.0	0.8213	0.9969	0.9458	0.5299	0.9315	0.9482	0.0237	0.8767
36.1	0.9275	0.9979	0.9694	0.7066	0.9612	0.9701	0.0108	0.9266
36.2	0.9379	0.9981	0.9775	0.7816	0.9701	0.9786	0.0645	0.9493
36.3	0.9333	0.9974	0.9621	0.6979	0.9510	0.9621	0.0264	0.9091
36.4	0.9465	0.9972	0.9530	0.6702	0.9424	0.9554	0.0062	0.8917
36.5	0.9555	0.9977	0.9708	0.7672	0.9602	0.9711	0.0364	0.9367
36.6	0.9631	0.9970	0.9778	0.8462	0.9741	0.9783	0.0658	0.9475
36.7	0.9698	0.9973	0.9795	0.8799	0.9718	0.9813	0.0163	0.9541
36.8	0.9670	0.9967	0.9784	0.8441	0.9743	0.9794	0.0262	0.9598
36.9	0.9630	0.9966	0.9731	0.8385	0.9706	0.9749	0.1068	0.9480
37.0	0.9676	0.9975	0.9794	0.8631	0.9730	0.9813	0.0744	0.9648
37.1	0.9660	0.9969	0.9820	0.8960	0.9750	0.9834	0.0372	0.9705
37.2	0.9547	0.9952	0.9742	0.8650	0.9680	0.9734	0.0175	0.9581
37.3	0.9611	0.9956	0.9794	0.9103	0.9702	0.9801	0.0467	0.9660
37.4	0.9254	0.9967	0.9792	0.9344	0.9217	0.9818	0.0744	0.9424
37.5	0.9748	0.9972	0.9789	0.9353	0.9782	0.9772	0.2771	0.9728
37.6	0.9749	0.9974	0.9798	0.9412	0.9776	0.9789	0.3199	0.9773
37.7	0.9834	0.9973	0.9832	0.9512	0.9838	0.9831	0.2439	0.9828
37.8	0.9837	0.9971	0.9800	0.9595	0.9825	0.9791	0.0474	0.9751
37.9	0.9829	0.9970	0.9763	0.9556	0.9779	0.9731	0.0983	0.9730
38.0	0.9766	0.9965	0.9744	0.9492	0.9715	0.9706	0.2367	0.9712
38.1	0.9794	0.9958	0.9737	0.9475	0.9751	0.9713	0.2060	0.9726
38.2	0.9871	0.9965	0.9822	0.9692	0.9839	0.9798	0.6308	0.9837
38.3	0.9869	0.9961	0.9786	0.9705	0.9806	0.9756	0.5018	0.9784
38.4	0.9778	0.9957	0.9695	0.9666	0.9699	0.9645	0.3073	0.9678
38.5	0.9779	0.9957	0.9701	0.9538	0.9743	0.9673	0.1928	0.9678
38.6	0.9880	0.9971	0.9801	0.9660	0.9829	0.9776	0.2035	0.9791
38.7	0.9843	0.9962	0.9773	0.9504	0.9753	0.9731	0.2256	0.9740
38.8	0.9797	0.9958	0.9690	0.9466	0.9717	0.9653	0.3742	0.9593
38.9	0.9851	0.9968	0.9764	0.9557	0.9777	0.9738	0.6339	0.9622
39.0	0.9849	0.9968	0.9757	0.9470	0.9791	0.9723	0.4662	0.9614
39.1	0.9826	0.9969	0.9837	0.9604	0.9855	0.9833	0.2408	0.9712
39.2	0.9739	0.9966	0.9842	0.9336	0.9869	0.9834	0.1632	0.9642
39.3	0.9839	0.9960	0.9781	0.9369	0.9832	0.9774	0.1956	0.9632
39.4	0.9801	0.9962	0.9816	0.8412	0.9858	0.9811	0.1557	0.9640
39.5	0.9714	0.9963	0.9738	0.8794	0.9808	0.9734	0.3517	0.9503
39.6	0.9747	0.9965	0.9791	0.9002	0.9854	0.9788	0.5027	0.9661
39.7	0.9628	0.9962	0.9819	0.9164	0.9867	0.9822	0.3153	0.9729
39.8	0.9644	0.9968	0.9826	0.9049	0.9884	0.9838	0.2290	0.9737
39.9	0.9719	0.9966	0.9831	0.9061	0.9890	0.9840	0.0818	0.9795
40.0	0.9588	0.9952	0.9838	0.8359	0.9918	0.9838	0.1908	0.9771
40.1	0.9445	0.9949	0.9807	0.7901	0.9889	0.9808	0.1648	0.9748
40.2	0.8999	0.9941	0.9771	0.7012	0.9865	0.9762	0.3230	0.9749
40.3	0.9319	0.9963	0.9846	0.8049	0.9878	0.9845	0.2539	0.9826
40.4	0.8928	0.9952	0.9839	0.7273	0.9837	0.9841	0.1934	0.9840
40.5	0.8858	0.9945	0.9874	0.6756	0.9851	0.9882	0.0903	0.9890
40.6	0.8836	0.9955	0.9867	0.7354	0.9868	0.9861	0.2022	0.9846
40.7	0.8748	0.9943	0.9857	0.7174	0.9785	0.9856	0.1383	0.9879
40.8	0.8809	0.9957	0.9866	0.7640	0.9840	0.9881	0.0473	0.9879
40.9	0.8892	0.9960	0.9856	0.7249	0.9799	0.9868	0.3337	0.9900
41.0	0.8151	0.9954	0.9843	0.5262	0.9596	0.9857	0.2610	0.9913
41.1	0.8087	0.9960	0.9870	0.5614	0.9541	0.9873	0.0477	0.9886
41.2	0.8626	0.9972	0.9924	0.6700	0.9584	0.9927	0.1242	0.9886
41.3	0.7508	0.9964	0.9924	0.5836	0.9568	0.9919	0.0623	0.9872
41.4	0.7444	0.9960	0.9871	0.1718	0.9320	0.9869	0.0854	0.9762
41.5	0.7768	0.9965	0.9907	0.5675	0.9455	0.9927	0.0882	0.9783
41.6	0.6891	0.9965	0.9933	0.6436	0.9518	0.9941	0.2652	0.9810
41.7	0.5255	0.9960	0.9927	0.5602	0.9081	0.9923	0.1951	0.9787
41.8	0.5607	0.9969	0.9952	0.6065	0.9424	0.9945	0.2397	0.9818
41.9	0.3437	0.9974	0.9936	0.6224	0.9262	0.9947	0.0149	0.9793
42.0	0.3727	0.9953	0.9941	0.6360	0.9351	0.9947	0.0629	0.9772
42.1	0.3609	0.9971	0.9953	0.7016	0.9618	0.9959	0.0761	0.9658
42.2	0.1496	0.9974	0.9907	0.4995	0.9381	0.9926	0.1086	0.9610
42.3	0.3186	0.9961	0.9913	0.4852	0.9262	0.9933	0.1795	0.9669

42.4	0.4129	0.9962	0.9950	0.6347	0.9506	0.9957	0.1252	0.9669
42.5	0.4232	0.9961	0.9927	0.5782	0.9412	0.9934	0.0560	0.9606
42.6	0.3024	0.9970	0.9946	0.4469	0.9609	0.9946	0.0157	0.9507
42.7	0.3168	0.9972	0.9949	0.6626	0.9685	0.9958	0.1565	0.9603
42.8	0.5160	0.9972	0.9953	0.7384	0.9581	0.9961	0.0787	0.9500
42.9	0.3795	0.9973	0.9960	0.6443	0.9567	0.9962	0.1492	0.8887
43.0	0.6044	0.9963	0.9947	0.4771	0.9552	0.9954	0.1655	0.8217
43.1	0.3986	0.9974	0.9954	0.7509	0.9685	0.9957	0.0724	0.7528
43.2	0.2789	0.9974	0.9962	0.6538	0.9631	0.9970	0.0393	0.8168
43.3	0.3557	0.9972	0.9960	0.6550	0.9686	0.9967	0.0890	0.6759
43.4	0.4513	0.9972	0.9959	0.6660	0.9593	0.9969	0.0330	0.8067
43.5	0.3174	0.9969	0.9939	0.6786	0.9424	0.9953	0.0498	0.6709
43.6	0.3673	0.9969	0.9931	0.7152	0.9327	0.9939	0.2240	0.7631
43.7	0.1827	0.9974	0.9955	0.7468	0.9383	0.9964	0.3424	0.7990
43.8	0.6625	0.9973	0.9959	0.7266	0.9211	0.9962	0.0283	0.8439
43.9	0.7584	0.9964	0.9946	0.8071	0.9510	0.9962	0.1189	0.8001
44.0	0.8325	0.9965	0.9952	0.8386	0.9452	0.9956	0.0903	0.4695
44.1	0.6315	0.9966	0.9941	0.7271	0.9245	0.9957	0.0154	0.4490
44.2	0.8255	0.9965	0.9950	0.7413	0.9040	0.9960	0.1562	0.4770
44.3	0.8501	0.9961	0.9957	0.8914	0.9406	0.9962	0.1999	0.7325
44.4	0.7721	0.9973	0.9969	0.8748	0.9043	0.9973	0.3174	0.8179
44.5	0.8041	0.9982	0.9957	0.8635	0.8371	0.9959	0.1943	0.8156
44.6	0.8631	0.9975	0.9958	0.8092	0.9165	0.9961	0.1439	0.5818
44.7	0.9047	0.9967	0.9955	0.8525	0.9493	0.9963	0.0607	0.7856
44.8	0.9067	0.9969	0.9960	0.9056	0.9552	0.9957	0.1345	0.6679
44.9	0.9119	0.9973	0.9960	0.8650	0.9062	0.9968	0.0537	0.8700
45.0	0.8390	0.9973	0.9963	0.8191	0.9479	0.9960	0.1966	0.4846
45.1	0.8201	0.9971	0.9960	0.7430	0.7488	0.9964	0.1689	0.7460
45.2	0.8278	0.9969	0.9962	0.7863	0.9252	0.9963	0.0199	0.7851
45.3	0.8575	0.9972	0.9951	0.7877	0.9402	0.9963	0.1062	0.8172
45.4	0.6777	0.9964	0.9950	0.7712	0.8932	0.9959	0.0218	0.4110
45.5	0.7425	0.9969	0.9944	0.8215	0.9251	0.9961	0.0600	0.6321
45.6	0.8313	0.9978	0.9966	0.9443	0.9723	0.9975	0.3257	0.4927
45.7	0.8386	0.9981	0.9978	0.9196	0.9805	0.9982	0.3021	0.3733
45.8	0.8611	0.9973	0.9966	0.8681	0.9549	0.9971	0.2075	0.8120
45.9	0.8804	0.9975	0.9963	0.8486	0.9364	0.9971	0.1057	0.8391
46.0	0.9163	0.9978	0.9964	0.9472	0.9598	0.9975	0.1363	0.6867
46.1	0.8738	0.9970	0.9954	0.8986	0.9501	0.9968	0.2146	0.8776
46.2	0.8959	0.9975	0.9965	0.8953	0.9626	0.9969	0.0109	0.8630
46.3	0.9017	0.9974	0.9970	0.8535	0.9455	0.9974	0.2654	0.8486
46.4	0.9183	0.9971	0.9954	0.8862	0.9520	0.9971	0.2715	0.8942
46.5	0.8856	0.9964	0.9954	0.7702	0.9633	0.9954	0.0682	0.9498
46.6	0.9338	0.9972	0.9952	0.8223	0.9682	0.9967	0.0114	0.9499
46.7	0.9309	0.9970	0.9951	0.8254	0.9713	0.9965	0.1390	0.9811
46.8	0.9497	0.9974	0.9962	0.8832	0.9816	0.9968	0.0034	0.9856
46.9	0.9607	0.9967	0.9955	0.7454	0.9729	0.9967	0.0464	0.9878
47.0	0.9588	0.9960	0.9950	0.9104	0.9649	0.9960	0.1147	0.9845
47.1	0.9705	0.9968	0.9959	0.9321	0.9647	0.9970	0.2519	0.9878
47.2	0.9717	0.9955	0.9952	0.9514	0.9639	0.9954	0.3239	0.9851
47.3	0.9789	0.9972	0.9974	0.9698	0.9816	0.9976	0.2886	0.9915
47.4	0.9837	0.9973	0.9974	0.9751	0.9683	0.9980	0.3098	0.9910
47.5	0.9812	0.9969	0.9955	0.9715	0.9549	0.9963	0.1202	0.9823
47.6	0.9857	0.9973	0.9966	0.9672	0.9557	0.9970	0.3900	0.9822
47.7	0.9849	0.9972	0.9963	0.9721	0.9725	0.9973	0.5563	0.9786
47.8	0.9807	0.9954	0.9937	0.9721	0.9768	0.9962	0.5880	0.9593
47.9	0.9762	0.9967	0.9954	0.9700	0.9805	0.9960	0.5408	0.9552
48.0	0.9814	0.9972	0.9952	0.9757	0.9879	0.9966	0.4816	0.9874
48.1	0.9827	0.9974	0.9963	0.9759	0.9782	0.9976	0.2234	0.9647
48.2	0.9802	0.9967	0.9962	0.9692	0.9820	0.9963	0.3676	0.9826
48.3	0.9758	0.9959	0.9933	0.9630	0.9725	0.9948	0.3616	0.9775
48.4	0.9856	0.9960	0.9952	0.9796	0.9889	0.9961	0.6382	0.9753
48.5	0.9790	0.9959	0.9948	0.9722	0.9872	0.9956	0.7775	0.9867
48.6	0.9820	0.9968	0.9945	0.9713	0.9602	0.9959	0.4816	0.9870
48.7	0.9855	0.9968	0.9952	0.9681	0.9573	0.9968	0.2617	0.9898
48.8	0.9835	0.9965	0.9954	0.9732	0.9763	0.9966	0.4038	0.9872
48.9	0.9831	0.9966	0.9948	0.9754	0.9751	0.9963	0.3728	0.9861
49.0	0.9879	0.9965	0.9959	0.9782	0.9854	0.9968	0.4694	0.9819
49.1	0.9860	0.9970	0.9965	0.9769	0.9908	0.9977	0.7073	0.9901
49.2	0.9858	0.9967	0.9953	0.9691	0.9868	0.9970	0.6207	0.9816
49.3	0.9782	0.9956	0.9945	0.9607	0.9890	0.9956	0.4537	0.9468
49.4	0.9826	0.9972	0.9967	0.9745	0.9905	0.9971	0.4480	0.9798
49.5	0.9792	0.9976	0.9968	0.9740	0.9929	0.9978	0.2816	0.9849
49.6	0.9817	0.9970	0.9955	0.9746	0.9910	0.9968	0.4753	0.9706
49.7	0.9792	0.9966	0.9952	0.9839	0.9925	0.9958	0.6350	0.9414
49.8	0.9680	0.9954	0.9927	0.9838	0.9911	0.9952	0.7756	0.9501
49.9	0.9603	0.9936	0.9917	0.9708	0.9840	0.9926	0.7094	0.9397
50.0	0.9746	0.9968	0.9860	0.9034	0.9891	0.9959	0.4524	0.9830
50.1	0.9764	0.9973	0.9964	0.9777	0.9915	0.9970	0.4598	0.9769
50.2	0.9713	0.9947	0.9944	0.9687	0.9894	0.9952	0.4126	0.9270
50.3	0.9760	0.9962	0.9948	0.9868	0.9933	0.9957	0.5409	0.9811
50.4	0.9805	0.9964	0.9960	0.9882	0.9938	0.9964	0.7387	0.9869
50.5	0.9787	0.9962	0.9961	0.9908	0.9937	0.9965	0.8647	0.9505
50.6	0.9815	0.9967	0.9958	0.9880	0.9916	0.9965	0.8153	0.9567
50.7	0.9693	0.9955	0.9931	0.9863	0.9891	0.9941	0.5338	0.9616
50.8	0.9713	0.9962	0.9940	0.9841	0.9905	0.9956	0.5679	0.9748
50.9	0.9731	0.9971	0.9953	0.9751	0.9875	0.9964	0.6459	0.9813

51.0	0.9738	0.9953	0.9945	0.9807	0.9837	0.9951	0.4856	0.9842
51.1	0.9696	0.9952	0.9936	0.9583	0.9805	0.9957	0.6366	0.9631
51.2	0.9672	0.9949	0.9928	0.9628	0.9818	0.9949	0.8495	0.9728
51.3	0.9730	0.9963	0.9955	0.9666	0.9902	0.9964	0.8097	0.9868
51.4	0.9840	0.9974	0.9964	0.9810	0.9901	0.9971	0.5531	0.9872
51.5	0.9805	0.9970	0.9953	0.9763	0.9892	0.9963	0.4837	0.9817
51.6	0.9780	0.9957	0.9948	0.9758	0.9913	0.9953	0.5104	0.9896
51.7	0.9807	0.9956	0.9949	0.9798	0.9920	0.9963	0.6830	0.9834
51.8	0.9806	0.9965	0.9957	0.9872	0.9900	0.9961	0.8700	0.9928
51.9	0.9751	0.9962	0.9959	0.9664	0.9850	0.9964	0.8868	0.9909
52.0	0.9768	0.9967	0.9957	0.9657	0.9836	0.9964	0.7443	0.9881
52.1	0.9806	0.9966	0.9959	0.9380	0.9866	0.9962	0.5851	0.9868
52.2	0.9705	0.9954	0.9930	0.9209	0.9811	0.9956	0.5182	0.9801
52.3	0.9797	0.9965	0.9941	0.8994	0.9832	0.9963	0.2477	0.9754
52.4	0.9799	0.9972	0.9949	0.9310	0.9897	0.9972	0.6476	0.9888
52.5	0.9835	0.9959	0.9947	0.9342	0.9931	0.9959	0.6780	0.9877
52.6	0.9861	0.9964	0.9952	0.9617	0.9910	0.9967	0.8639	0.9839
52.7	0.9888	0.9952	0.9933	0.9485	0.9867	0.9961	0.7346	0.9854
52.8	0.9879	0.9954	0.9941	0.9174	0.9925	0.9953	0.4551	0.9909
52.9	0.9852	0.9945	0.9924	0.9554	0.9824	0.9949	0.5996	0.9859
53.0	0.9775	0.9934	0.9918	0.9388	0.9771	0.9950	0.5505	0.9858
53.1	0.9760	0.9939	0.9928	0.9572	0.9738	0.9944	0.7937	0.9913
53.2	0.9791	0.9955	0.9950	0.9653	0.9639	0.9960	0.9186	0.9923
53.3	0.9793	0.9961	0.9929	0.9286	0.9620	0.9963	0.8969	0.9920
53.4	0.9765	0.9948	0.9914	0.9103	0.9675	0.9958	0.7142	0.9910
53.5	0.9774	0.9952	0.9907	0.8725	0.9868	0.9959	0.4797	0.9885
53.6	0.9842	0.9953	0.9929	0.8151	0.9882	0.9953	0.4058	0.9920
53.7	0.9838	0.9960	0.9919	0.9014	0.9812	0.9951	0.6261	0.9928
53.8	0.9758	0.9956	0.9921	0.8942	0.9884	0.9960	0.6786	0.9916
53.9	0.9760	0.9961	0.9922	0.8293	0.9882	0.9960	0.7304	0.9917
54.0	0.9749	0.9962	0.9911	0.7537	0.9896	0.9963	0.2846	0.9913
54.1	0.9784	0.9944	0.9911	0.5261	0.9837	0.9937	0.1321	0.9896
54.2	0.9637	0.9932	0.9897	0.4309	0.9756	0.9911	0.3481	0.9904
54.3	0.9682	0.9943	0.9897	0.7899	0.9569	0.9942	0.4681	0.9888
54.4	0.9657	0.9943	0.9854	0.7568	0.9714	0.9931	0.5169	0.9887
54.5	0.9534	0.9944	0.9845	0.7747	0.9818	0.9940	0.6383	0.9872
54.6	0.9365	0.9922	0.9814	0.8166	0.9865	0.9911	0.7398	0.9848
54.7	0.9368	0.9944	0.9835	0.8172	0.9902	0.9938	0.5651	0.9894
54.8	0.9408	0.9940	0.9864	0.5084	0.9815	0.9923	0.3602	0.9913
54.9	0.9288	0.9913	0.9762	0.8589	0.9823	0.9911	0.4560	0.9859
55.0	0.9367	0.9941	0.9811	0.9043	0.9876	0.9926	0.4609	0.9840
55.1	0.9110	0.9953	0.9729	0.9229	0.9920	0.9934	0.5310	0.9863
55.2	0.8463	0.9941	0.9723	0.8562	0.9895	0.9918	0.5064	0.9818
55.3	0.7231	0.9933	0.9665	0.8238	0.9885	0.9904	0.5556	0.9804
55.4	0.6800	0.9929	0.9681	0.8255	0.9911	0.9925	0.4305	0.9790
55.5	0.7945	0.9946	0.9766	0.8445	0.9904	0.9932	0.0974	0.9873
55.6	0.8161	0.9942	0.9763	0.8009	0.9893	0.9940	0.1801	0.9885
55.7	0.5571	0.9934	0.9604	0.8882	0.9908	0.9932	0.3805	0.9789
55.8	0.3804	0.9938	0.9662	0.9191	0.9931	0.9942	0.3822	0.9823
55.9	0.4556	0.9931	0.9540	0.8884	0.9920	0.9921	0.5790	0.9779
56.0	0.5652	0.9913	0.9470	0.8868	0.9891	0.9900	0.4039	0.9770
56.1	0.6773	0.9921	0.9527	0.8017	0.9854	0.9900	0.1653	0.9863
56.2	0.4925	0.9933	0.9119	0.8800	0.9886	0.9915	0.2622	0.9764
56.3	0.6302	0.9931	0.9440	0.9061	0.9912	0.9920	0.3472	0.9785
56.4	0.4902	0.9935	0.9089	0.8841	0.9900	0.9920	0.2495	0.9773
56.5	0.5118	0.9948	0.9330	0.9262	0.9940	0.9934	0.5316	0.9823
56.6	0.6212	0.9946	0.9327	0.9294	0.9944	0.9935	0.6766	0.9862
56.7	0.7208	0.9952	0.9475	0.9380	0.9950	0.9940	0.6638	0.9858
56.8	0.7675	0.9949	0.9238	0.9220	0.9945	0.9932	0.5334	0.9810
56.9	0.7783	0.9956	0.9478	0.9372	0.9946	0.9934	0.3725	0.9844
57.0	0.7825	0.9955	0.9497	0.9411	0.9950	0.9926	0.3846	0.9880
57.1	0.6987	0.9932	0.9344	0.9244	0.9928	0.9896	0.3776	0.9835
57.2	0.7538	0.9924	0.9499	0.9219	0.9924	0.9875	0.5458	0.9854
57.3	0.4126	0.9910	0.9205	0.7206	0.9853	0.9866	0.1983	0.9805
57.4	0.3541	0.9921	0.9147	0.8682	0.9902	0.9862	0.4814	0.9729
57.5	0.4176	0.9939	0.9276	0.8501	0.9893	0.9863	0.3663	0.9791
57.6	0.5075	0.9937	0.9111	0.7336	0.9872	0.9839	0.2056	0.9774
57.7	0.5267	0.9929	0.9295	0.7758	0.9902	0.9819	0.1776	0.9783
57.8	0.6262	0.9947	0.9293	0.7868	0.9922	0.9839	0.2509	0.9849
57.9	0.4822	0.9946	0.9241	0.7219	0.9897	0.9796	0.4168	0.9874
58.0	0.4657	0.9947	0.9255	0.6936	0.9906	0.9814	0.5494	0.9861
58.1	0.5134	0.9941	0.9239	0.6431	0.9912	0.9801	0.3671	0.9867
58.2	0.3001	0.9940	0.8653	0.5145	0.9885	0.9770	0.1456	0.9871
58.3	0.4343	0.9929	0.8516	0.4899	0.9880	0.9714	0.1595	0.9845
58.4	0.4174	0.9953	0.8961	0.5056	0.9943	0.9877	0.1733	0.9910
58.5	0.6851	0.9943	0.8808	0.5761	0.9930	0.9857	0.0852	0.9897
58.6	0.7427	0.9931	0.8224	0.4600	0.9907	0.9745	0.3504	0.9860
58.7	0.7516	0.9946	0.8450	0.3478	0.9934	0.9806	0.3104	0.9870
58.8	0.7482	0.9935	0.7897	0.3667	0.9929	0.9791	0.1780	0.9834
58.9	0.7299	0.9940	0.7643	0.1504	0.9919	0.9702	0.1516	0.9881
59.0	0.5862	0.9920	0.7424	0.2078	0.9821	0.9363	0.1679	0.9749
59.1	0.2862	0.9947	0.6962	0.2001	0.9874	0.9286	0.1121	0.9782
59.2	0.7449	0.9962	0.5920	0.1030	0.9937	0.9670	0.2879	0.9906
59.3	0.8197	0.9951	0.5457	0.0365	0.9937	0.9789	0.3527	0.9899
59.4	0.8553	0.9926	0.3304	0.0292	0.9929	0.9716	0.4091	0.9852
59.5	0.8173	0.9936	0.3839	0.0114	0.9933	0.9731	0.0670	0.9876

59.6	0.8476	0.9949	0.3408	0.0711	0.9956	0.9814	0.2728	0.9908
59.7	0.8488	0.9936	0.0425	0.0358	0.9937	0.9712	0.0184	0.9872
59.8	0.8486	0.9932	0.0310	0.0052	0.9899	0.9699	0.2024	0.9884
59.9	0.8002	0.9935	0.0111	0.0160	0.9881	0.9675	0.0966	0.9891
60.0	0.6738	0.9729	0.0618	0.0618	0.9763	0.9172	0.4682	0.9673
60.1	0.9175	0.9920	0.1248	0.0654	0.9934	0.9720	0.2855	0.9865
60.2	0.9304	0.9930	0.0873	0.0101	0.9936	0.9723	0.1842	0.9873
60.3	0.9514	0.9937	0.1831	0.0007	0.9942	0.9766	0.1178	0.9885
60.4	0.9461	0.9939	0.1118	0.0770	0.9940	0.9766	0.0859	0.9902
60.5	0.9647	0.9934	0.1288	0.1700	0.9932	0.9769	0.1442	0.9910
60.6	0.9743	0.9934	0.1272	0.3295	0.9930	0.9756	0.4676	0.9891
60.7	0.9746	0.9946	0.2907	0.3349	0.9939	0.9694	0.4971	0.9904
60.8	0.9717	0.9948	0.2382	0.5298	0.9945	0.9677	0.4117	0.9893
60.9	0.9654	0.9942	0.1547	0.6458	0.9945	0.9753	0.2740	0.9876
61.0	0.9652	0.9947	0.1521	0.6807	0.9953	0.9802	0.2304	0.9890
61.1	0.9466	0.9941	0.0564	0.8222	0.9934	0.9783	0.3515	0.9898
61.2	0.9636	0.9959	0.1065	0.8551	0.9952	0.9870	0.3956	0.9922
61.3	0.9468	0.9937	0.0277	0.8343	0.9954	0.9838	0.5735	0.9886
61.4	0.9368	0.9910	0.0418	0.8015	0.9913	0.9729	0.6888	0.9851
61.5	0.9630	0.9952	0.1542	0.8903	0.9952	0.9829	0.5949	0.9914
61.6	0.9688	0.9955	0.3123	0.9300	0.9965	0.9876	0.5245	0.9926
61.7	0.9585	0.9938	0.3257	0.8899	0.9956	0.9819	0.4091	0.9883
61.8	0.9442	0.9917	0.5872	0.8947	0.9932	0.9784	0.3917	0.9850
61.9	0.9593	0.9904	0.6715	0.9235	0.9930	0.9823	0.6170	0.9832
62.0	0.9665	0.9932	0.7643	0.9386	0.9950	0.9818	0.7947	0.9874
62.1	0.9718	0.9924	0.8619	0.9539	0.9940	0.9872	0.8857	0.9883
62.2	0.9784	0.9928	0.9121	0.9644	0.9936	0.9883	0.7294	0.9897
62.3	0.9787	0.9919	0.9048	0.9625	0.9936	0.9869	0.6196	0.9864
62.4	0.9818	0.9922	0.9241	0.9662	0.9946	0.9896	0.5615	0.9875
62.5	0.9773	0.9905	0.9332	0.9652	0.9938	0.9906	0.6746	0.9864
62.6	0.9835	0.9934	0.9523	0.9702	0.9949	0.9910	0.7707	0.9907
62.7	0.9821	0.9934	0.9653	0.9796	0.9948	0.9906	0.9145	0.9905
62.8	0.9790	0.9918	0.9561	0.9681	0.9939	0.9882	0.8798	0.9863
62.9	0.9750	0.9907	0.9530	0.9588	0.9936	0.9866	0.7439	0.9852
63.0	0.9784	0.9888	0.9534	0.9605	0.9915	0.9848	0.6350	0.9835
63.1	0.9793	0.9899	0.9673	0.9588	0.9931	0.9863	0.6047	0.9834
63.2	0.9777	0.9911	0.9663	0.9594	0.9926	0.9822	0.6776	0.9867
63.3	0.9789	0.9909	0.9688	0.9610	0.9932	0.9847	0.8132	0.9881
63.4	0.9763	0.9891	0.9708	0.9643	0.9922	0.9822	0.8922	0.9850
63.5	0.9754	0.9888	0.9762	0.9604	0.9907	0.9780	0.8272	0.9839
63.6	0.9824	0.9896	0.9726	0.9560	0.9917	0.9815	0.7383	0.9872
63.7	0.9791	0.9888	0.9750	0.9528	0.9912	0.9765	0.6720	0.9859
63.8	0.9816	0.9917	0.9818	0.9537	0.9933	0.9742	0.6729	0.9869
63.9	0.9824	0.9901	0.9736	0.9550	0.9906	0.9724	0.7637	0.9866
64.0	0.9847	0.9902	0.9772	0.9541	0.9910	0.9724	0.8484	0.9861
64.1	0.9881	0.9899	0.9804	0.9623	0.9911	0.9772	0.9251	0.9850
64.2	0.9867	0.9905	0.9838	0.9589	0.9908	0.9683	0.8337	0.9879
64.3	0.9849	0.9898	0.9806	0.9497	0.9907	0.9648	0.7668	0.9868
64.4	0.9772	0.9875	0.9817	0.9391	0.9887	0.9553	0.5708	0.9825
64.5	0.9818	0.9906	0.9861	0.9429	0.9912	0.9605	0.6724	0.9854
64.6	0.9794	0.9904	0.9823	0.9357	0.9914	0.9655	0.7869	0.9866
64.7	0.9824	0.9883	0.9833	0.9477	0.9883	0.9646	0.8421	0.9842
64.8	0.9857	0.9906	0.9861	0.9484	0.9915	0.9594	0.8991	0.9872
64.9	0.9843	0.9894	0.9835	0.9532	0.9896	0.9573	0.8298	0.9872
65.0	0.9859	0.9902	0.9856	0.9668	0.9905	0.9652	0.7766	0.9877
65.1	0.9863	0.9915	0.9832	0.9600	0.9913	0.9654	0.7567	0.9885
65.2	0.9787	0.9854	0.9765	0.9542	0.9851	0.9587	0.7823	0.9821
65.3	0.9795	0.9873	0.9779	0.9586	0.9859	0.9513	0.8379	0.9843
65.4	0.9783	0.9874	0.9802	0.9601	0.9862	0.9548	0.9316	0.9872
65.5	0.9795	0.9890	0.9807	0.9591	0.9876	0.9584	0.9137	0.9885
65.6	0.9842	0.9921	0.9822	0.9665	0.9908	0.9615	0.8690	0.9907
65.7	0.9843	0.9907	0.9839	0.9656	0.9891	0.9632	0.8577	0.9903
65.8	0.9792	0.9884	0.9799	0.9591	0.9875	0.9580	0.8085	0.9873
65.9	0.9779	0.9857	0.9737	0.9610	0.9836	0.9558	0.8596	0.9844
66.0	0.9814	0.9895	0.9783	0.9697	0.9855	0.9634	0.9349	0.9882
66.1	0.9846	0.9911	0.9818	0.9742	0.9892	0.9663	0.9647	0.9905
66.2	0.9847	0.9908	0.9794	0.9762	0.9885	0.9683	0.9601	0.9910
66.3	0.9807	0.9889	0.9735	0.9703	0.9866	0.9587	0.9121	0.9885
66.4	0.9711	0.9852	0.9605	0.9560	0.9812	0.9383	0.8775	0.9859
66.5	0.9750	0.9890	0.9702	0.9621	0.9859	0.9507	0.9200	0.9880
66.6	0.9707	0.9875	0.9687	0.9629	0.9841	0.9492	0.9117	0.9876
66.7	0.9670	0.9884	0.9627	0.9583	0.9841	0.9491	0.9550	0.9890
66.8	0.9708	0.9912	0.9553	0.9539	0.9885	0.9570	0.9599	0.9909
66.9	0.9591	0.9872	0.9452	0.9353	0.9837	0.9318	0.9184	0.9884
67.0	0.9406	0.9796	0.9255	0.9255	0.9733	0.9267	0.8956	0.9829
67.1	0.9608	0.9892	0.9367	0.9493	0.9846	0.9524	0.9034	0.9899
67.2	0.9559	0.9885	0.9072	0.9473	0.9842	0.9421	0.8916	0.9896
67.3	0.9399	0.9861	0.8875	0.9327	0.9818	0.9397	0.9244	0.9889
67.4	0.9461	0.9890	0.8992	0.9523	0.9850	0.9548	0.9519	0.9912
67.5	0.9461	0.9893	0.8798	0.9495	0.9856	0.9575	0.9541	0.9912
67.6	0.9297	0.9902	0.8645	0.9423	0.9873	0.9540	0.9423	0.9906
67.7	0.9182	0.9884	0.8148	0.9397	0.9847	0.9573	0.8936	0.9901
67.8	0.8945	0.9876	0.7489	0.9352	0.9841	0.9613	0.9021	0.9896
67.9	0.9146	0.9881	0.7598	0.9471	0.9849	0.9596	0.9051	0.9889
68.0	0.8700	0.9872	0.7274	0.9328	0.9846	0.9445	0.9200	0.9885
68.1	0.8226	0.9887	0.6772	0.9365	0.9852	0.9620	0.9435	0.9907

68.2	0.7616	0.9910	0.6150	0.9375	0.9862	0.9647	0.9393	0.9933
68.3	0.6452	0.9906	0.5662	0.9321	0.9857	0.9595	0.8986	0.9913
68.4	0.5761	0.9906	0.6387	0.9399	0.9857	0.9719	0.8791	0.9913
68.5	0.4088	0.9887	0.6018	0.9110	0.9815	0.9520	0.8067	0.9903
68.6	0.2354	0.9879	0.6730	0.9035	0.9814	0.9592	0.8087	0.9903
68.7	0.0522	0.9904	0.8404	0.9244	0.9839	0.9659	0.9113	0.9927
68.8	0.1640	0.9906	0.8426	0.9159	0.9838	0.9638	0.9259	0.9925
68.9	0.3435	0.9898	0.8354	0.8944	0.9803	0.9745	0.8928	0.9927
69.0	0.5750	0.9905	0.8774	0.8993	0.9835	0.9748	0.8112	0.9925
69.1	0.6111	0.9889	0.8484	0.8650	0.9796	0.9675	0.6559	0.9908
69.2	0.7515	0.9902	0.8966	0.8425	0.9778	0.9715	0.7432	0.9925
69.3	0.7441	0.9876	0.9085	0.8352	0.9709	0.9649	0.7110	0.9926
69.4	0.7740	0.9883	0.9189	0.8340	0.9734	0.9565	0.7938	0.9926
69.5	0.8858	0.9916	0.9435	0.8768	0.9817	0.9717	0.8868	0.9937
69.6	0.8380	0.9903	0.9459	0.8641	0.9773	0.9754	0.8164	0.9925
69.7	0.8005	0.9878	0.9277	0.8542	0.9715	0.9694	0.6046	0.9918
69.8	0.8325	0.9906	0.9390	0.8519	0.9736	0.9736	0.6484	0.9934
69.9	0.8310	0.9905	0.9251	0.8046	0.9664	0.9714	0.5528	0.9941
70.0	0.8473	0.9906	0.7631	0.7460	0.9635	0.9708	0.5880	0.9939
70.1	0.8876	0.9923	0.9546	0.8671	0.9746	0.9749	0.8187	0.9937
70.2	0.8901	0.9908	0.9481	0.8415	0.9716	0.9768	0.7818	0.9932
70.3	0.8919	0.9894	0.9481	0.7307	0.9655	0.9710	0.6222	0.9917
70.4	0.8869	0.9894	0.9194	0.6855	0.9592	0.9675	0.3634	0.9918
70.5	0.9378	0.9893	0.9298	0.7648	0.9626	0.9764	0.4747	0.9935
70.6	0.9326	0.9865	0.9256	0.7728	0.9533	0.9695	0.5305	0.9911
70.7	0.9248	0.9869	0.9083	0.6853	0.9531	0.9712	0.4240	0.9903
70.8	0.9505	0.9931	0.9313	0.7434	0.9715	0.9778	0.7553	0.9950
70.9	0.9386	0.9907	0.9204	0.7068	0.9611	0.9670	0.7744	0.9920
71.0	0.9370	0.9906	0.9183	0.6409	0.9620	0.9723	0.4770	0.9905
71.1	0.9314	0.9890	0.9196	0.7237	0.9521	0.9674	0.5068	0.9894
71.2	0.9512	0.9922	0.9425	0.8339	0.9696	0.9720	0.4902	0.9923
71.3	0.9380	0.9918	0.9337	0.8250	0.9627	0.9631	0.5176	0.9923
71.4	0.9186	0.9883	0.9125	0.8115	0.9439	0.9456	0.7717	0.9886
71.5	0.9352	0.9897	0.9270	0.8387	0.9506	0.9559	0.8426	0.9880
71.6	0.9525	0.9909	0.9442	0.8907	0.9607	0.9657	0.8365	0.9920
71.7	0.9603	0.9923	0.9520	0.9354	0.9693	0.9682	0.7929	0.9933
71.8	0.9604	0.9916	0.9570	0.9243	0.9681	0.9703	0.6777	0.9921
71.9	0.9464	0.9887	0.9381	0.8976	0.9575	0.9523	0.6960	0.9901
72.0	0.9502	0.9901	0.9442	0.9179	0.9599	0.9604	0.7950	0.9895
72.1	0.9573	0.9886	0.9519	0.9246	0.9610	0.9634	0.8394	0.9892
72.2	0.9588	0.9901	0.9555	0.9524	0.9650	0.9578	0.9465	0.9919
72.3	0.9576	0.9922	0.9615	0.9493	0.9732	0.9545	0.9171	0.9923
72.4	0.9478	0.9912	0.9557	0.9331	0.9694	0.9519	0.8157	0.9916
72.5	0.9576	0.9903	0.9636	0.9479	0.9733	0.9539	0.8292	0.9899
72.6	0.9617	0.9915	0.9711	0.9491	0.9770	0.9430	0.8405	0.9871
72.7	0.9560	0.9914	0.9634	0.9487	0.9789	0.9361	0.8698	0.9877
72.8	0.9631	0.9897	0.9701	0.9630	0.9784	0.9424	0.9187	0.9877
72.9	0.9650	0.9907	0.9742	0.9637	0.9786	0.9530	0.9502	0.9896
73.0	0.9610	0.9915	0.9663	0.9414	0.9770	0.9359	0.8927	0.9875
73.1	0.9692	0.9925	0.9768	0.9548	0.9830	0.9349	0.8665	0.9875
73.2	0.9516	0.9921	0.9672	0.9535	0.9768	0.9104	0.8655	0.9867
73.3	0.9466	0.9883	0.9641	0.9495	0.9734	0.9037	0.8202	0.9845
73.4	0.9572	0.9897	0.9735	0.9594	0.9752	0.9171	0.8955	0.9852
73.5	0.9711	0.9917	0.9769	0.9625	0.9825	0.9293	0.9472	0.9862
73.6	0.9646	0.9904	0.9813	0.9651	0.9817	0.9201	0.9501	0.9844
73.7	0.9557	0.9919	0.9755	0.9605	0.9790	0.8952	0.9191	0.9828
73.8	0.9647	0.9935	0.9781	0.9666	0.9807	0.9234	0.8698	0.9875
73.9	0.9590	0.9908	0.9738	0.9601	0.9811	0.9056	0.8551	0.9829
74.0	0.9653	0.9877	0.9747	0.9554	0.9817	0.8946	0.8478	0.9803
74.1	0.9675	0.9905	0.9760	0.9654	0.9830	0.9177	0.9367	0.9843
74.2	0.9708	0.9911	0.9802	0.9714	0.9874	0.9184	0.9556	0.9818
74.3	0.9727	0.9906	0.9845	0.9777	0.9874	0.9187	0.9535	0.9793
74.4	0.9627	0.9903	0.9730	0.9637	0.9826	0.8977	0.9237	0.9741
74.5	0.9536	0.9882	0.9696	0.9507	0.9800	0.8724	0.8235	0.9685
74.6	0.9619	0.9830	0.9771	0.9613	0.9857	0.8737	0.8509	0.9598
74.7	0.9758	0.9923	0.9801	0.9738	0.9868	0.9116	0.9383	0.9734
74.8	0.9764	0.9943	0.9818	0.9779	0.9861	0.9247	0.9518	0.9735
74.9	0.9798	0.9935	0.9839	0.9826	0.9910	0.9223	0.9722	0.9749
75.0	0.9814	0.9945	0.9892	0.9796	0.9918	0.9227	0.9651	0.9827
75.1	0.9744	0.9917	0.9830	0.9725	0.9876	0.9014	0.8933	0.9777
75.2	0.9690	0.9903	0.9780	0.9715	0.9860	0.8934	0.9009	0.9688
75.3	0.9784	0.9922	0.9811	0.9782	0.9882	0.9103	0.8963	0.9729
75.4	0.9783	0.9934	0.9802	0.9772	0.9885	0.9065	0.9271	0.9722
75.5	0.9720	0.9936	0.9740	0.9733	0.9838	0.8857	0.9445	0.9634
75.6	0.9622	0.9912	0.9725	0.9649	0.9811	0.8182	0.9403	0.9500
75.7	0.9761	0.9933	0.9818	0.9766	0.9883	0.8900	0.9457	0.9699
75.8	0.9751	0.9922	0.9803	0.9757	0.9868	0.9049	0.9158	0.9717
75.9	0.9757	0.9917	0.9824	0.9715	0.9876	0.8542	0.9003	0.9657
76.0	0.9737	0.9923	0.9797	0.9740	0.9844	0.8687	0.9082	0.9676
76.1	0.9738	0.9929	0.9825	0.9755	0.9840	0.8782	0.9379	0.9662
76.2	0.9725	0.9923	0.9824	0.9755	0.9846	0.8672	0.9482	0.9622
76.3	0.9675	0.9908	0.9754	0.9712	0.9800	0.8558	0.9463	0.9519
76.4	0.9693	0.9920	0.9786	0.9731	0.9828	0.8511	0.9414	0.9557
76.5	0.9629	0.9920	0.9778	0.9761	0.9815	0.8634	0.9055	0.9600
76.6	0.9778	0.9924	0.9819	0.9823	0.9821	0.8924	0.9217	0.9584
76.7	0.9741	0.9927	0.9786	0.9780	0.9814	0.8748	0.8984	0.9599

76.8	0.9806	0.9937	0.9821	0.9819	0.9847	0.8927	0.9493	0.9671
76.9	0.9813	0.9930	0.9818	0.9809	0.9824	0.8838	0.9696	0.9633
77.0	0.9727	0.9917	0.9824	0.9802	0.9831	0.8598	0.9563	0.9690
77.1	0.9771	0.9895	0.9837	0.9803	0.9816	0.8573	0.9390	0.9670
77.2	0.9688	0.9914	0.9791	0.9770	0.9740	0.8362	0.8842	0.9494
77.3	0.9696	0.9919	0.9821	0.9808	0.9804	0.8596	0.9129	0.9623
77.4	0.9790	0.9918	0.9879	0.9874	0.9832	0.8969	0.9327	0.9650
77.5	0.9756	0.9904	0.9819	0.9847	0.9753	0.8722	0.9608	0.9507
77.6	0.9784	0.9896	0.9851	0.9864	0.9802	0.8859	0.9724	0.9587
77.7	0.9810	0.9930	0.9870	0.9867	0.9848	0.9109	0.9661	0.9694
77.8	0.9830	0.9917	0.9830	0.9865	0.9792	0.8869	0.9375	0.9634
77.9	0.9713	0.9888	0.9812	0.9807	0.9767	0.8462	0.8706	0.9568
78.0	0.9751	0.9900	0.9844	0.9840	0.9778	0.8487	0.8889	0.9572
78.1	0.9776	0.9907	0.9842	0.9864	0.9711	0.8210	0.9203	0.9499
78.2	0.9649	0.9865	0.9763	0.9798	0.9607	0.7405	0.9340	0.9310
78.3	0.9742	0.9878	0.9786	0.9837	0.9658	0.7878	0.9561	0.9405
78.4	0.9759	0.9931	0.9854	0.9879	0.9797	0.8866	0.9501	0.9624
78.5	0.9756	0.9926	0.9822	0.9853	0.9779	0.8724	0.9130	0.9628
78.6	0.9780	0.9910	0.9771	0.9855	0.9667	0.8318	0.8691	0.9505
78.7	0.9823	0.9918	0.9844	0.9888	0.9741	0.8328	0.8877	0.9615
78.8	0.9731	0.9917	0.9785	0.9861	0.9669	0.8080	0.9339	0.9463
78.9	0.9772	0.9922	0.9792	0.9851	0.9633	0.7626	0.9436	0.9403
79.0	0.9723	0.9914	0.9701	0.9820	0.9496	0.8258	0.9437	0.9226
79.1	0.9180	0.9898	0.9664	0.9751	0.9608	0.8599	0.9213	0.9419
79.2	0.9441	0.9882	0.9716	0.9825	0.9615	0.7399	0.8705	0.9428
79.3	0.9443	0.9866	0.9694	0.9823	0.9408	0.5285	0.7960	0.9090
79.4	0.9717	0.9897	0.9702	0.9828	0.9466	0.6391	0.8814	0.9257
79.5	0.9729	0.9922	0.9781	0.9870	0.9618	0.6988	0.9317	0.9487
79.6	0.9520	0.9888	0.9746	0.9835	0.9541	0.6494	0.9616	0.9330
79.7	0.9663	0.9903	0.9800	0.9854	0.9570	0.5907	0.9593	0.9345
79.8	0.9690	0.9915	0.9859	0.9892	0.9660	0.6685	0.9211	0.9418
79.9	0.9512	0.9889	0.9787	0.9850	0.9510	0.6403	0.8642	0.9203
80.0	0.9523	0.9885	0.9738	0.9782	0.9368	0.6459	0.8765	0.8922

2.2.3 Run 1 – IP000 – Accels 17–24

In-plane shaking at 0°. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.2121	0.1683	0.8037	0.7257	0.7939	0.2600	0.9103	0.9837
0.1	0.0044	0.0206	0.0106	0.0139	0.0252	0.0314	0.0087	0.0141
0.2	0.0262	0.0060	0.0159	0.0583	0.0837	0.0206	0.0258	0.0642
0.3	0.0089	0.0387	0.0054	0.0101	0.0250	0.0444	0.0642	0.0105
0.4	0.0000	0.0307	0.0010	0.0669	0.0056	0.0031	0.0275	0.0255
0.5	0.0084	0.0542	0.0095	0.0220	0.0028	0.0046	0.0054	0.0257
0.6	0.0279	0.0100	0.0027	0.0199	0.0301	0.0141	0.0073	0.0175
0.7	0.0412	0.0343	0.0251	0.0077	0.0106	0.0348	0.0052	0.0174
0.8	0.0217	0.0217	0.0502	0.0164	0.0065	0.0314	0.0090	0.0167
0.9	0.0714	0.0033	0.0315	0.0215	0.0710	0.0065	0.0739	0.0355
1.0	0.0567	0.0180	0.0097	0.0059	0.1438	0.0053	0.2496	0.0881
1.1	0.2304	0.0215	0.0366	0.0325	0.1479	0.0089	0.4707	0.3154
1.2	0.6142	0.0957	0.0046	0.0097	0.3865	0.0251	0.8314	0.5177
1.3	0.3157	0.0916	0.1024	0.0248	0.4989	0.0262	0.7753	0.5159
1.4	0.7427	0.0492	0.0925	0.0081	0.3963	0.1052	0.9229	0.3576
1.5	0.6895	0.6111	0.1348	0.0257	0.7866	0.0579	0.9693	0.7897
1.6	0.9704	0.4958	0.0642	0.0280	0.7913	0.1863	0.9687	0.7842
1.7	0.9902	0.1921	0.0040	0.0777	0.6322	0.3953	0.9938	0.6644
1.8	0.9975	0.5115	0.0317	0.4294	0.8107	0.6493	0.9985	0.8394
1.9	0.9992	0.8121	0.2888	0.7924	0.8184	0.9093	0.9994	0.8449
2.0	0.9996	0.9276	0.6471	0.8599	0.8982	0.9479	0.9997	0.9312
2.1	0.9991	0.9077	0.8303	0.8886	0.9002	0.9333	0.9991	0.9149
2.2	0.9931	0.7427	0.7129	0.6603	0.7105	0.8504	0.9901	0.8307
2.3	0.9219	0.4733	0.4662	0.6585	0.1340	0.8114	0.9239	0.8096
2.4	0.9847	0.3052	0.3361	0.7377	0.7778	0.8172	0.9865	0.8864
2.5	0.9963	0.1205	0.3208	0.7016	0.8954	0.7108	0.9972	0.8603
2.6	0.9980	0.2220	0.1161	0.6374	0.9368	0.7139	0.9986	0.8582
2.7	0.9988	0.4398	0.0291	0.7462	0.9718	0.5940	0.9992	0.8283
2.8	0.9994	0.5010	0.0170	0.8027	0.9839	0.7080	0.9997	0.8240
2.9	0.9994	0.5562	0.0391	0.8937	0.9820	0.3700	0.9997	0.7354
3.0	0.9997	0.6852	0.0380	0.8423	0.9911	0.1095	0.9998	0.7588
3.1	0.9998	0.8269	0.0067	0.8826	0.9942	0.2421	0.9999	0.6594
3.2	0.9998	0.8528	0.0212	0.8894	0.9956	0.6312	0.9999	0.5984
3.3	0.9998	0.8177	0.0506	0.9104	0.9940	0.7934	0.9999	0.4909
3.4	0.9996	0.7882	0.0306	0.8529	0.9912	0.8070	0.9998	0.1995
3.5	0.9995	0.7550	0.0478	0.8821	0.9906	0.8665	0.9997	0.0220
3.6	0.9996	0.7709	0.0199	0.8607	0.9894	0.8971	0.9997	0.0887
3.7	0.9995	0.7017	0.1016	0.7721	0.9891	0.8952	0.9997	0.0472
3.8	0.9993	0.7735	0.3180	0.7019	0.9854	0.9317	0.9996	0.1117
3.9	0.9995	0.7370	0.1632	0.7043	0.9877	0.9434	0.9996	0.2109
4.0	0.9991	0.6931	0.1677	0.7649	0.9795	0.9352	0.9995	0.0981
4.1	0.9991	0.7161	0.1545	0.7669	0.9762	0.9499	0.9995	0.1291
4.2	0.9989	0.6464	0.1302	0.3930	0.9813	0.9523	0.9994	0.1853
4.3	0.9985	0.4525	0.1925	0.6162	0.9754	0.9446	0.9993	0.0242
4.4	0.9986	0.5268	0.1170	0.4261	0.9585	0.9595	0.9991	0.0874
4.5	0.9989	0.7762	0.1692	0.5131	0.9725	0.9717	0.9995	0.5355
4.6	0.9986	0.6803	0.1620	0.4445	0.9681	0.9711	0.9992	0.4355
4.7	0.9980	0.5456	0.2878	0.2235	0.9671	0.9650	0.9988	0.2441
4.8	0.9981	0.5928	0.2893	0.2599	0.9482	0.9662	0.9987	0.2831
4.9	0.9974	0.4861	0.2208	0.2784	0.9436	0.9670	0.9980	0.2926
5.0	0.9974	0.5589	0.3246	0.2357	0.9456	0.9701	0.9984	0.3445
5.1	0.9976	0.5710	0.1362	0.3678	0.9464	0.9774	0.9973	0.3381
5.2	0.9976	0.6420	0.2655	0.2439	0.9556	0.9829	0.9979	0.3382
5.3	0.9970	0.5959	0.4197	0.1858	0.9487	0.9840	0.9976	0.2796
5.4	0.9966	0.5825	0.2298	0.2902	0.9568	0.9832	0.9977	0.3434
5.5	0.9971	0.5331	0.3649	0.4849	0.9531	0.9897	0.9978	0.4381
5.6	0.9973	0.5940	0.4899	0.3152	0.9503	0.9884	0.9974	0.5323
5.7	0.9981	0.7224	0.4833	0.5103	0.9621	0.9918	0.9976	0.4372
5.8	0.9973	0.7998	0.4994	0.4155	0.9611	0.9924	0.9971	0.4214
5.9	0.9973	0.7143	0.6163	0.3211	0.9501	0.9917	0.9970	0.4507
6.0	0.9966	0.8066	0.3796	0.3123	0.9511	0.9904	0.9956	0.6138
6.1	0.9967	0.8174	0.3639	0.3100	0.9460	0.9911	0.9954	0.6274
6.2	0.9971	0.7958	0.6251	0.3300	0.9489	0.9926	0.9968	0.6790
6.3	0.9971	0.8333	0.4603	0.3364	0.9544	0.9929	0.9958	0.8131
6.4	0.9971	0.8586	0.4067	0.4113	0.9583	0.9929	0.9947	0.6947
6.5	0.9965	0.8411	0.6419	0.2956	0.9515	0.9928	0.9951	0.7096
6.6	0.9973	0.8649	0.5826	0.3673	0.9516	0.9952	0.9953	0.7708
6.7	0.9963	0.8751	0.5643	0.2516	0.9532	0.9953	0.9940	0.6061
6.8	0.9973	0.9209	0.7745	0.4408	0.9539	0.9967	0.9955	0.7204
6.9	0.9982	0.9443	0.7814	0.5067	0.9770	0.9967	0.9965	0.8125
7.0	0.9970	0.9440	0.7855	0.4353	0.9653	0.9961	0.9953	0.7766
7.1	0.9980	0.9610	0.8427	0.3670	0.9651	0.9954	0.9968	0.7128
7.2	0.9969	0.9753	0.8135	0.3323	0.9717	0.9967	0.9963	0.8852
7.3	0.9963	0.9717	0.7772	0.3939	0.9630	0.9983	0.9962	0.8568
7.4	0.9939	0.9536	0.7233	0.1799	0.9234	0.9981	0.9926	0.5839
7.5	0.9733	0.8610	0.3859	0.0653	0.8988	0.9973	0.9873	0.0550
7.6	0.9762	0.7412	0.2945	0.2177	0.9003	0.9975	0.9906	0.2168
7.7	0.9888	0.6756	0.3882	0.1991	0.9161	0.9979	0.9930	0.3566
7.8	0.9953	0.5387	0.3504	0.4829	0.9178	0.9984	0.9965	0.4188
7.9	0.9929	0.5611	0.3556	0.0941	0.9071	0.9977	0.9949	0.2240

8.0	0.9924	0.6692	0.4952	0.2418	0.9137	0.9979	0.9939	0.5521
8.1	0.9950	0.4438	0.3788	0.2711	0.8764	0.9979	0.9957	0.3116
8.2	0.9951	0.4140	0.3652	0.2905	0.8833	0.9972	0.9957	0.1065
8.3	0.9954	0.2072	0.4662	0.1032	0.8976	0.9975	0.9965	0.1074
8.4	0.9960	0.2253	0.3979	0.2787	0.8689	0.9981	0.9951	0.0880
8.5	0.9972	0.1456	0.3794	0.2813	0.8865	0.9983	0.9964	0.2159
8.6	0.9976	0.2116	0.5268	0.3807	0.9262	0.9982	0.9971	0.1690
8.7	0.9977	0.1894	0.5335	0.3028	0.9241	0.9988	0.9971	0.3712
8.8	0.9983	0.4587	0.5792	0.3637	0.9001	0.9985	0.9975	0.4376
8.9	0.9981	0.5885	0.6763	0.2823	0.9176	0.9988	0.9976	0.2687
9.0	0.9976	0.4724	0.6456	0.4374	0.8216	0.9977	0.9972	0.5024
9.1	0.9964	0.2671	0.6377	0.4835	0.9139	0.9965	0.9962	0.7469
9.2	0.9958	0.7096	0.7491	0.4975	0.9302	0.9961	0.9962	0.8035
9.3	0.9965	0.8460	0.7871	0.4437	0.9391	0.9968	0.9963	0.8332
9.4	0.9974	0.9420	0.8096	0.5605	0.9700	0.9981	0.9965	0.9222
9.5	0.9980	0.9358	0.8201	0.4751	0.9651	0.9984	0.9959	0.9183
9.6	0.9965	0.9295	0.6290	0.2597	0.9383	0.9980	0.9909	0.8699
9.7	0.9974	0.9306	0.4890	0.2080	0.9421	0.9988	0.9870	0.8966
9.8	0.9972	0.9355	0.4290	0.0970	0.9446	0.9989	0.9797	0.9077
9.9	0.9957	0.9159	0.3827	0.1023	0.9264	0.9987	0.9785	0.9011
10.0	0.9939	0.9410	0.2880	0.1192	0.9205	0.9989	0.9769	0.9134
10.1	0.9941	0.9197	0.2994	0.0251	0.8523	0.9989	0.9829	0.8531
10.2	0.9928	0.9116	0.4233	0.0654	0.8337	0.9991	0.9887	0.8562
10.3	0.9897	0.9189	0.3645	0.0638	0.8022	0.9992	0.9845	0.8269
10.4	0.9892	0.9362	0.4421	0.1202	0.8152	0.9993	0.9903	0.8916
10.5	0.9816	0.9254	0.5272	0.0616	0.7277	0.9990	0.9929	0.8240
10.6	0.9671	0.9184	0.5784	0.0881	0.6271	0.9985	0.9913	0.7881
10.7	0.9692	0.9312	0.6959	0.0550	0.6668	0.9989	0.9928	0.8326
10.8	0.9663	0.9195	0.6996	0.0989	0.6765	0.9990	0.9943	0.8399
10.9	0.9374	0.9099	0.6089	0.1951	0.3746	0.9986	0.9921	0.8458
11.0	0.9051	0.9014	0.6877	0.0806	0.3121	0.9990	0.9913	0.8567
11.1	0.8698	0.9292	0.8034	0.0519	0.2109	0.9990	0.9935	0.8982
11.2	0.8202	0.9336	0.8079	0.1604	0.2310	0.9990	0.9936	0.8839
11.3	0.7718	0.9174	0.8360	0.1612	0.4691	0.9988	0.9931	0.8782
11.4	0.6864	0.9279	0.8296	0.0546	0.6920	0.9983	0.9957	0.8752
11.5	0.6754	0.8899	0.8007	0.1650	0.8230	0.9987	0.9948	0.8182
11.6	0.5943	0.8461	0.6688	0.1309	0.8662	0.9985	0.9950	0.7747
11.7	0.7323	0.8390	0.4012	0.2984	0.8569	0.9981	0.9934	0.6960
11.8	0.8243	0.7737	0.1411	0.1478	0.8960	0.9977	0.9945	0.5813
11.9	0.8747	0.8055	0.0926	0.0771	0.8529	0.9981	0.9955	0.4941
12.0	0.8713	0.8228	0.5192	0.0879	0.7762	0.9974	0.9949	0.5001
12.1	0.9217	0.8379	0.6751	0.2092	0.7704	0.9979	0.9955	0.6570
12.2	0.9031	0.8787	0.7053	0.1625	0.6519	0.9970	0.9935	0.6713
12.3	0.9281	0.8785	0.7863	0.1031	0.7158	0.9976	0.9942	0.7522
12.4	0.9597	0.9182	0.8259	0.1822	0.7572	0.9976	0.9966	0.8433
12.5	0.9572	0.9197	0.8458	0.2148	0.8441	0.9972	0.9960	0.8710
12.6	0.9649	0.9369	0.8786	0.2879	0.8866	0.9977	0.9966	0.8815
12.7	0.9668	0.9392	0.9068	0.3857	0.9126	0.9985	0.9971	0.8824
12.8	0.9676	0.9422	0.9084	0.2964	0.9242	0.9981	0.9962	0.9047
12.9	0.9656	0.9395	0.9159	0.2544	0.9366	0.9979	0.9960	0.8801
13.0	0.9722	0.9450	0.9457	0.2797	0.9507	0.9987	0.9980	0.9029
13.1	0.9677	0.9355	0.9270	0.4229	0.9376	0.9980	0.9979	0.8678
13.2	0.9704	0.9234	0.9261	0.2762	0.9406	0.9977	0.9975	0.8525
13.3	0.9773	0.9357	0.9306	0.2432	0.9408	0.9980	0.9970	0.8632
13.4	0.9731	0.9251	0.9200	0.2791	0.9512	0.9970	0.9960	0.8562
13.5	0.9767	0.9270	0.9442	0.1696	0.9618	0.9973	0.9966	0.8015
13.6	0.9826	0.9321	0.9590	0.2528	0.9467	0.9978	0.9974	0.7335
13.7	0.9817	0.9363	0.9380	0.3183	0.9479	0.9965	0.9953	0.6957
13.8	0.9801	0.9270	0.9420	0.3492	0.9538	0.9963	0.9964	0.7121
13.9	0.9807	0.9579	0.9486	0.4145	0.9191	0.9958	0.9965	0.5189
14.0	0.9811	0.9508	0.9616	0.3263	0.8719	0.9960	0.9966	0.6625
14.1	0.9818	0.9564	0.9624	0.4553	0.8139	0.9969	0.9964	0.8286
14.2	0.9858	0.9627	0.9689	0.2643	0.8526	0.9962	0.9969	0.8703
14.3	0.9848	0.9623	0.9617	0.4521	0.8752	0.9958	0.9954	0.9113
14.4	0.9856	0.9604	0.9491	0.3644	0.8898	0.9956	0.9952	0.8628
14.5	0.9830	0.9701	0.9594	0.2797	0.8632	0.9962	0.9965	0.8899
14.6	0.9841	0.9484	0.9396	0.2623	0.8587	0.9939	0.9950	0.8520
14.7	0.9859	0.9495	0.9462	0.5640	0.8943	0.9956	0.9955	0.8710
14.8	0.9855	0.9615	0.9473	0.4085	0.9280	0.9955	0.9963	0.9250
14.9	0.9807	0.9534	0.9103	0.3735	0.9273	0.9925	0.9931	0.9027
15.0	0.9774	0.9451	0.8981	0.3391	0.9420	0.9936	0.9946	0.9075
15.1	0.9746	0.9379	0.8600	0.2959	0.9499	0.9934	0.9933	0.9104
15.2	0.9830	0.9250	0.8360	0.4000	0.9394	0.9924	0.9942	0.8756
15.3	0.9744	0.9109	0.8337	0.4487	0.9155	0.9925	0.9943	0.8448
15.4	0.9749	0.8765	0.8336	0.4941	0.9041	0.9920	0.9926	0.8169
15.5	0.9711	0.8470	0.8843	0.6380	0.8891	0.9919	0.9927	0.7722
15.6	0.9857	0.8927	0.9210	0.5119	0.9163	0.9921	0.9943	0.8392
15.7	0.9826	0.8751	0.9244	0.4757	0.9171	0.9901	0.9928	0.8654
15.8	0.9763	0.9003	0.9320	0.4606	0.9307	0.9877	0.9913	0.8880
15.9	0.9778	0.8824	0.9214	0.4101	0.9101	0.9856	0.9896	0.8604
16.0	0.9776	0.9267	0.9442	0.6050	0.9473	0.9873	0.9897	0.9194
16.1	0.9782	0.9447	0.9428	0.4955	0.9540	0.9855	0.9872	0.9273
16.2	0.9787	0.9398	0.9362	0.6159	0.9465	0.9834	0.9852	0.9168
16.3	0.9744	0.9309	0.9035	0.4459	0.9432	0.9740	0.9784	0.8988
16.4	0.9790	0.9401	0.9321	0.4471	0.9358	0.9781	0.9808	0.8818
16.5	0.9769	0.9476	0.9358	0.5182	0.9367	0.9789	0.9804	0.8854

16.6	0.9744	0.9286	0.9520	0.5974	0.9445	0.9707	0.9751	0.8831
16.7	0.9803	0.9588	0.9602	0.5346	0.9593	0.9735	0.9792	0.9289
16.8	0.9732	0.9380	0.9549	0.5158	0.9535	0.9692	0.9749	0.9217
16.9	0.9709	0.9403	0.9465	0.6987	0.9538	0.9660	0.9699	0.9283
17.0	0.9811	0.9593	0.9497	0.6261	0.9677	0.9803	0.9813	0.9508
17.1	0.9866	0.9777	0.9438	0.7939	0.9651	0.9837	0.9879	0.9256
17.2	0.9882	0.9523	0.9758	0.7233	0.9795	0.9869	0.9884	0.9648
17.3	0.9902	0.9734	0.9676	0.7770	0.9835	0.9874	0.9916	0.9741
17.4	0.9912	0.9768	0.9365	0.7328	0.9830	0.9906	0.9924	0.9554
17.5	0.9917	0.9715	0.9580	0.7297	0.9823	0.9915	0.9934	0.9250
17.6	0.9923	0.9750	0.9711	0.8220	0.9884	0.9929	0.9940	0.9398
17.7	0.9953	0.9820	0.9604	0.8715	0.9884	0.9948	0.9962	0.9460
17.8	0.9958	0.9823	0.9343	0.8661	0.9845	0.9947	0.9966	0.9071
17.9	0.9959	0.9798	0.9310	0.8649	0.9898	0.9962	0.9970	0.8910
18.0	0.9968	0.9786	0.9387	0.7801	0.9878	0.9955	0.9976	0.8735
18.1	0.9968	0.9904	0.9594	0.8531	0.9906	0.9971	0.9974	0.9104
18.2	0.9972	0.9900	0.9552	0.8161	0.9906	0.9974	0.9980	0.8520
18.3	0.9975	0.9908	0.9682	0.8680	0.9919	0.9974	0.9983	0.7894
18.4	0.9970	0.9922	0.9764	0.8122	0.9914	0.9971	0.9977	0.7793
18.5	0.9976	0.9940	0.9843	0.8155	0.9930	0.9961	0.9981	0.8145
18.6	0.9980	0.9947	0.9934	0.8755	0.9937	0.9912	0.9982	0.7570
18.7	0.9980	0.9959	0.9930	0.8652	0.9950	0.9968	0.9985	0.2117
18.8	0.9982	0.9933	0.9879	0.8784	0.9933	0.9969	0.9983	0.6529
18.9	0.9973	0.9925	0.9786	0.7059	0.9886	0.9970	0.9981	0.7749
19.0	0.9978	0.9936	0.9811	0.7580	0.9915	0.9979	0.9980	0.8775
19.1	0.9978	0.9950	0.9779	0.7217	0.9926	0.9979	0.9983	0.9328
19.2	0.9980	0.9951	0.9745	0.7704	0.9934	0.9975	0.9984	0.9510
19.3	0.9980	0.9950	0.9746	0.8102	0.9931	0.9972	0.9985	0.9608
19.4	0.9980	0.9947	0.9629	0.6886	0.9933	0.9975	0.9985	0.9660
19.5	0.9971	0.9940	0.9419	0.5490	0.9930	0.9978	0.9982	0.9767
19.6	0.9967	0.9900	0.9046	0.5554	0.9914	0.9972	0.9973	0.9646
19.7	0.9962	0.9917	0.7944	0.5529	0.9924	0.9956	0.9969	0.9627
19.8	0.9935	0.9929	0.7653	0.6481	0.9933	0.9967	0.9961	0.9666
19.9	0.9929	0.9907	0.8766	0.3107	0.9889	0.9967	0.9956	0.9641
20.0	0.9905	0.9927	0.8823	0.3324	0.9867	0.9959	0.9938	0.9603
20.1	0.9868	0.9899	0.8824	0.2674	0.9873	0.9960	0.9926	0.9419
20.2	0.9854	0.9892	0.9168	0.2208	0.9914	0.9967	0.9920	0.9568
20.3	0.9762	0.9876	0.8590	0.1108	0.9828	0.9946	0.9875	0.9046
20.4	0.9780	0.9878	0.7826	0.2636	0.9818	0.9937	0.9847	0.9120
20.5	0.9738	0.9835	0.7567	0.3673	0.9793	0.9927	0.9817	0.9141
20.6	0.9751	0.9871	0.6971	0.3817	0.9827	0.9930	0.9811	0.8721
20.7	0.9804	0.9897	0.6872	0.1700	0.9892	0.9947	0.9860	0.8786
20.8	0.9759	0.9857	0.7327	0.1979	0.9842	0.9934	0.9831	0.7694
20.9	0.9652	0.9827	0.7482	0.2068	0.9775	0.9931	0.9781	0.8147
21.0	0.9621	0.9800	0.6845	0.2008	0.9684	0.9933	0.9738	0.7857
21.1	0.9604	0.9818	0.8105	0.1041	0.9780	0.9936	0.9745	0.7681
21.2	0.9591	0.9761	0.8244	0.1912	0.9732	0.9920	0.9686	0.7136
21.3	0.9589	0.9843	0.8296	0.1763	0.9752	0.9933	0.9737	0.7898
21.4	0.9584	0.9744	0.8823	0.2552	0.9622	0.9890	0.9739	0.7224
21.5	0.9593	0.9753	0.8893	0.1825	0.9673	0.9903	0.9747	0.8011
21.6	0.9530	0.9777	0.9005	0.2598	0.9696	0.9926	0.9772	0.8615
21.7	0.9491	0.9690	0.9127	0.2328	0.9479	0.9920	0.9756	0.8466
21.8	0.9412	0.9589	0.8974	0.4149	0.9289	0.9889	0.9735	0.8435
21.9	0.9385	0.9383	0.8875	0.3372	0.8910	0.9853	0.9737	0.8633
22.0	0.9226	0.9434	0.9464	0.2404	0.8759	0.9880	0.9698	0.8648
22.1	0.9112	0.9058	0.9127	0.2551	0.8356	0.9837	0.9680	0.8618
22.2	0.9300	0.9166	0.8741	0.4062	0.8183	0.9866	0.9720	0.8751
22.3	0.9168	0.8946	0.9023	0.2748	0.7493	0.9740	0.9743	0.8881
22.4	0.9522	0.7663	0.8477	0.4515	0.6374	0.9534	0.9818	0.8930
22.5	0.9163	0.6970	0.7251	0.3659	0.6090	0.8973	0.9674	0.8030
22.6	0.9258	0.7243	0.8436	0.2601	0.6142	0.9547	0.9695	0.8132
22.7	0.9367	0.7896	0.8095	0.1898	0.5713	0.9753	0.9681	0.8256
22.8	0.9367	0.7664	0.7849	0.2638	0.4889	0.9794	0.9706	0.7909
22.9	0.9490	0.7464	0.8471	0.1002	0.4935	0.9837	0.9768	0.7767
23.0	0.9556	0.7293	0.8134	0.2307	0.5996	0.9760	0.9746	0.7691
23.1	0.9438	0.6824	0.6840	0.2365	0.5835	0.9742	0.9736	0.7406
23.2	0.9574	0.6827	0.7047	0.3001	0.4862	0.9711	0.9763	0.6687
23.3	0.9632	0.6139	0.6393	0.1771	0.5224	0.9711	0.9782	0.6617
23.4	0.9620	0.5508	0.5706	0.1168	0.5344	0.9721	0.9738	0.6134
23.5	0.9696	0.6070	0.7082	0.1006	0.5727	0.9676	0.9783	0.6130
23.6	0.9761	0.6614	0.7091	0.2429	0.5607	0.9698	0.9832	0.4846
23.7	0.9723	0.6741	0.6255	0.0505	0.5297	0.9633	0.9792	0.3252
23.8	0.9678	0.5738	0.7520	0.0999	0.4625	0.9526	0.9763	0.2006
23.9	0.9742	0.4496	0.6788	0.1400	0.3662	0.9369	0.9759	0.2404
24.0	0.9632	0.5261	0.6182	0.1386	0.2880	0.9210	0.9759	0.1848
24.1	0.9715	0.4641	0.7690	0.1585	0.2885	0.9060	0.9777	0.1239
24.2	0.9769	0.5410	0.6960	0.1319	0.3984	0.9290	0.9817	0.1863
24.3	0.9645	0.5630	0.4575	0.0544	0.2735	0.9369	0.9757	0.0680
24.4	0.9635	0.5954	0.5597	0.0156	0.2150	0.9457	0.9725	0.0731
24.5	0.9753	0.6083	0.6007	0.0980	0.3395	0.9575	0.9803	0.1070
24.6	0.9739	0.6222	0.4566	0.1157	0.2545	0.9549	0.9813	0.0288
24.7	0.9737	0.7696	0.5100	0.0598	0.1901	0.9518	0.9800	0.0673
24.8	0.9607	0.6951	0.4218	0.0625	0.3234	0.9601	0.9689	0.1752
24.9	0.9504	0.6585	0.2769	0.0148	0.2913	0.9568	0.9623	0.2596
25.0	0.9540	0.7511	0.3737	0.0776	0.1516	0.9440	0.9647	0.1464
25.1	0.9557	0.7072	0.2992	0.0756	0.1658	0.9251	0.9672	0.0964

25.2	0.9438	0.7337	0.2216	0.0306	0.2072	0.9277	0.9744	0.1732
25.3	0.9358	0.6398	0.1816	0.0482	0.0936	0.9006	0.9605	0.0609
25.4	0.9436	0.6686	0.1763	0.0389	0.1828	0.8863	0.9712	0.2116
25.5	0.9416	0.8034	0.1142	0.1753	0.1687	0.9606	0.9682	0.2336
25.6	0.9297	0.8366	0.1396	0.0636	0.0681	0.9544	0.9557	0.2285
25.7	0.9285	0.8459	0.2830	0.0866	0.0657	0.9550	0.9611	0.2026
25.8	0.9110	0.8483	0.2958	0.1287	0.0919	0.9562	0.9555	0.2369
25.9	0.9316	0.8623	0.2191	0.1781	0.1121	0.9660	0.9704	0.2208
26.0	0.9175	0.8557	0.0534	0.0927	0.1809	0.9590	0.9591	0.2910
26.1	0.8853	0.7938	0.0160	0.1735	0.1695	0.9431	0.9430	0.2768
26.2	0.9228	0.8317	0.0751	0.1193	0.1838	0.9327	0.9551	0.3221
26.3	0.9017	0.8066	0.0433	0.0449	0.1997	0.9166	0.9418	0.4350
26.4	0.8822	0.8347	0.0436	0.0043	0.2216	0.9446	0.9613	0.5152
26.5	0.8486	0.7568	0.2212	0.0468	0.1255	0.9314	0.9310	0.5218
26.6	0.8855	0.7962	0.4790	0.1846	0.3493	0.9496	0.9544	0.6139
26.7	0.8883	0.8059	0.5471	0.1273	0.2898	0.9535	0.9470	0.6680
26.8	0.7846	0.6380	0.5242	0.1020	0.1183	0.9116	0.9197	0.4471
26.9	0.7009	0.5134	0.4904	0.0013	0.0513	0.9395	0.9041	0.5353
27.0	0.6997	0.5428	0.5055	0.0581	0.1941	0.9462	0.9237	0.6265
27.1	0.6648	0.5286	0.5077	0.0095	0.4300	0.9359	0.9318	0.6427
27.2	0.6312	0.4436	0.4942	0.0322	0.3522	0.9039	0.8851	0.6423
27.3	0.6573	0.2595	0.5040	0.0051	0.4102	0.9063	0.8996	0.6394
27.4	0.7424	0.3260	0.6065	0.0653	0.4963	0.9037	0.8776	0.7284
27.5	0.6677	0.1051	0.5092	0.0874	0.4037	0.8699	0.8592	0.5534
27.6	0.6437	0.0980	0.3704	0.0774	0.3445	0.8408	0.8493	0.4657
27.7	0.6923	0.2257	0.5065	0.0456	0.5310	0.8271	0.8333	0.5534
27.8	0.6750	0.4440	0.5922	0.1043	0.5252	0.8433	0.8585	0.5597
27.9	0.6127	0.3523	0.5624	0.0490	0.5680	0.8289	0.7767	0.5484
28.0	0.5888	0.3685	0.6058	0.0112	0.4717	0.7907	0.7318	0.6023
28.1	0.5334	0.3855	0.5857	0.0367	0.4813	0.7110	0.6753	0.5480
28.2	0.6564	0.5535	0.5382	0.0044	0.3538	0.6123	0.6604	0.4696
28.3	0.6506	0.5887	0.5290	0.0133	0.5025	0.5100	0.6867	0.4020
28.4	0.5805	0.4833	0.4865	0.0266	0.2602	0.2404	0.4801	0.2302
28.5	0.5426	0.4716	0.5309	0.0223	0.1614	0.2415	0.4608	0.2705
28.6	0.5550	0.4770	0.6493	0.0038	0.1535	0.1323	0.4389	0.2272
28.7	0.4812	0.3089	0.6445	0.0130	0.1126	0.1569	0.3164	0.2783
28.8	0.2375	0.4379	0.5347	0.0282	0.0326	0.1009	0.2349	0.2401
28.9	0.3488	0.3729	0.6307	0.0014	0.0253	0.0749	0.2385	0.2956
29.0	0.1511	0.4845	0.6444	0.0046	0.1021	0.0310	0.2145	0.3375
29.1	0.0842	0.5625	0.5575	0.0054	0.2605	0.1029	0.1794	0.3890
29.2	0.0416	0.4367	0.5086	0.1091	0.2005	0.2196	0.2470	0.2791
29.3	0.0471	0.3540	0.4499	0.0007	0.0899	0.0727	0.2409	0.3430
29.4	0.0885	0.2894	0.3482	0.0172	0.0657	0.0173	0.3450	0.3783
29.5	0.2535	0.1990	0.3646	0.0119	0.0771	0.0259	0.4353	0.3080
29.6	0.2296	0.2511	0.2716	0.0100	0.0289	0.0829	0.4037	0.1775
29.7	0.1938	0.2008	0.1891	0.0254	0.1275	0.0895	0.5246	0.2431
29.8	0.3018	0.0648	0.2975	0.0247	0.0822	0.0608	0.5837	0.2255
29.9	0.4180	0.0714	0.3870	0.0429	0.1356	0.0207	0.6833	0.1476
30.0	0.6140	0.0405	0.4294	0.0298	0.1953	0.0830	0.8007	0.0782
30.1	0.6196	0.2000	0.4535	0.0372	0.1891	0.1450	0.8175	0.3882
30.2	0.6897	0.0752	0.4300	0.0660	0.1506	0.1537	0.8348	0.2468
30.3	0.6325	0.0997	0.2403	0.0246	0.0813	0.2164	0.7776	0.2093
30.4	0.7103	0.0862	0.4505	0.0673	0.1711	0.2787	0.8219	0.2545
30.5	0.7469	0.1367	0.3368	0.0438	0.1369	0.3330	0.9016	0.2692
30.6	0.7693	0.0733	0.2595	0.0402	0.1920	0.2529	0.8875	0.2810
30.7	0.8343	0.0368	0.3037	0.0192	0.1830	0.1503	0.9256	0.2005
30.8	0.8453	0.0333	0.1784	0.0004	0.1908	0.1753	0.9235	0.0674
30.9	0.8634	0.0025	0.3471	0.0032	0.1765	0.1373	0.9265	0.0820
31.0	0.8664	0.0098	0.5494	0.0642	0.2118	0.2464	0.9408	0.0819
31.1	0.8935	0.0061	0.2931	0.0065	0.1844	0.3128	0.9311	0.0481
31.2	0.8366	0.0263	0.1797	0.0085	0.0487	0.1772	0.9139	0.0291
31.3	0.7136	0.0020	0.2328	0.0229	0.0704	0.1443	0.9152	0.0425
31.4	0.8703	0.0218	0.2923	0.0311	0.1536	0.3286	0.9468	0.1377
31.5	0.9348	0.0294	0.2925	0.0284	0.2184	0.3257	0.9487	0.2534
31.6	0.9321	0.0530	0.3605	0.0200	0.1639	0.5074	0.9461	0.1742
31.7	0.9332	0.0858	0.3514	0.0074	0.0979	0.5687	0.9639	0.2448
31.8	0.9393	0.1355	0.3047	0.0152	0.1153	0.6919	0.9678	0.3403
31.9	0.9435	0.0598	0.3013	0.0181	0.0823	0.6637	0.9641	0.2924
32.0	0.9375	0.0856	0.2155	0.0064	0.0655	0.6205	0.9530	0.2894
32.1	0.9206	0.0530	0.1758	0.0629	0.0173	0.5395	0.9593	0.1777
32.2	0.9363	0.0626	0.3061	0.1122	0.0222	0.6806	0.9485	0.1185
32.3	0.9370	0.0515	0.0779	0.0307	0.0328	0.7075	0.9513	0.1231
32.4	0.9555	0.0111	0.0120	0.0973	0.0085	0.6810	0.9553	0.1664
32.5	0.9400	0.0083	0.0851	0.0860	0.0591	0.7238	0.9486	0.0583
32.6	0.9632	0.0232	0.0516	0.0344	0.0775	0.7935	0.9696	0.0386
32.7	0.9636	0.0403	0.0384	0.0644	0.0688	0.7989	0.9666	0.0767
32.8	0.9424	0.0341	0.0787	0.1488	0.1061	0.7603	0.9510	0.0067
32.9	0.9521	0.0154	0.0795	0.2412	0.0652	0.8376	0.9602	0.0112
33.0	0.9632	0.0046	0.0260	0.0169	0.0158	0.8205	0.9667	0.1090
33.1	0.9571	0.0144	0.0068	0.0158	0.0279	0.8408	0.9637	0.1714
33.2	0.9694	0.0163	0.0309	0.0999	0.0264	0.9238	0.9701	0.0643
33.3	0.9733	0.0222	0.0079	0.1083	0.0786	0.8909	0.9711	0.0312
33.4	0.9599	0.0257	0.0398	0.1026	0.0885	0.8526	0.9569	0.0165
33.5	0.9535	0.0288	0.0971	0.2420	0.0535	0.8800	0.9603	0.0212
33.6	0.9304	0.0005	0.0345	0.1658	0.0609	0.8551	0.9543	0.0431
33.7	0.9221	0.0076	0.0066	0.0575	0.0426	0.8493	0.9296	0.0053

33.8	0.9405	0.0162	0.0089	0.1973	0.0975	0.8746	0.9504	0.1333
33.9	0.9309	0.0030	0.0372	0.1209	0.1448	0.8433	0.9311	0.1360
34.0	0.9292	0.0517	0.0276	0.0363	0.0860	0.6849	0.9350	0.2102
34.1	0.9416	0.0408	0.0115	0.1347	0.2395	0.6563	0.9494	0.3187
34.2	0.9423	0.1243	0.0524	0.1264	0.1931	0.6920	0.9491	0.1490
34.3	0.9637	0.0928	0.0778	0.1572	0.2072	0.7526	0.9642	0.1291
34.4	0.9752	0.0759	0.0734	0.1927	0.4653	0.8160	0.9753	0.3274
34.5	0.9731	0.1032	0.0156	0.1815	0.5272	0.8595	0.9732	0.3409
34.6	0.9796	0.0732	0.1070	0.2009	0.6243	0.9040	0.9775	0.3693
34.7	0.9846	0.1801	0.0906	0.1776	0.6819	0.9172	0.9844	0.4893
34.8	0.9849	0.3487	0.0303	0.1977	0.7120	0.8982	0.9791	0.4369
34.9	0.9786	0.2391	0.1002	0.4123	0.7365	0.8898	0.9743	0.4115
35.0	0.9798	0.2449	0.0692	0.5158	0.7161	0.8879	0.9790	0.3839
35.1	0.9832	0.2707	0.1120	0.3526	0.7962	0.9040	0.9789	0.4538
35.2	0.9790	0.2589	0.1287	0.3182	0.8095	0.8783	0.9755	0.5099
35.3	0.9773	0.2703	0.1080	0.4729	0.8277	0.8809	0.9766	0.4508
35.4	0.9768	0.3430	0.0729	0.4029	0.7464	0.8953	0.9736	0.4930
35.5	0.9699	0.3694	0.1319	0.4906	0.7311	0.8833	0.9697	0.4423
35.6	0.9743	0.3340	0.0994	0.5808	0.7733	0.9257	0.9716	0.4561
35.7	0.9637	0.2690	0.0567	0.3671	0.7836	0.9274	0.9626	0.3926
35.8	0.9682	0.3290	0.0963	0.6017	0.8404	0.9432	0.9673	0.5073
35.9	0.9614	0.3727	0.1178	0.5734	0.7680	0.9618	0.9618	0.5429
36.0	0.9599	0.4224	0.0468	0.5436	0.8482	0.9635	0.9623	0.5710
36.1	0.9757	0.5106	0.0834	0.4750	0.9002	0.9757	0.9778	0.6667
36.2	0.9822	0.5717	0.0756	0.6265	0.9045	0.9865	0.9834	0.6764
36.3	0.9678	0.3610	0.1008	0.4560	0.8875	0.9845	0.9720	0.5431
36.4	0.9645	0.3238	0.0983	0.4226	0.8989	0.9809	0.9704	0.5763
36.5	0.9805	0.4197	0.0875	0.5104	0.9399	0.9823	0.9806	0.7049
36.6	0.9829	0.2939	0.0861	0.5828	0.9546	0.9854	0.9834	0.6809
36.7	0.9862	0.2103	0.1312	0.5881	0.9499	0.9853	0.9862	0.6359
36.8	0.9843	0.1525	0.1831	0.6547	0.9450	0.9804	0.9839	0.6932
36.9	0.9805	0.0635	0.0860	0.4955	0.9631	0.9789	0.9783	0.6437
37.0	0.9869	0.0721	0.2046	0.5071	0.9718	0.9760	0.9846	0.7302
37.1	0.9877	0.1642	0.2515	0.5048	0.9620	0.9769	0.9851	0.7742
37.2	0.9798	0.1343	0.0862	0.6349	0.9462	0.9597	0.9752	0.6732
37.3	0.9849	0.0623	0.2814	0.4681	0.9637	0.9647	0.9813	0.7576
37.4	0.9887	0.1079	0.2233	0.6085	0.9189	0.9366	0.9866	0.8208
37.5	0.9824	0.3180	0.3107	0.6279	0.9718	0.9597	0.9777	0.8026
37.6	0.9828	0.5272	0.2957	0.8041	0.9838	0.9686	0.9785	0.8452
37.7	0.9868	0.7540	0.2704	0.7137	0.9816	0.9735	0.9837	0.8715
37.8	0.9835	0.7703	0.2431	0.5229	0.9798	0.9680	0.9806	0.8335
37.9	0.9789	0.8268	0.3482	0.6235	0.9737	0.9681	0.9762	0.8563
38.0	0.9770	0.8463	0.3609	0.5560	0.9722	0.9709	0.9754	0.8261
38.1	0.9789	0.8558	0.2669	0.5658	0.9742	0.9702	0.9739	0.8259
38.2	0.9837	0.9219	0.3653	0.8798	0.9805	0.9723	0.9811	0.8748
38.3	0.9796	0.9417	0.2252	0.7667	0.9743	0.9723	0.9779	0.8328
38.4	0.9707	0.9146	0.1128	0.6659	0.9651	0.9653	0.9689	0.7836
38.5	0.9738	0.9087	0.0964	0.6975	0.9660	0.9663	0.9707	0.7156
38.6	0.9807	0.9467	0.1169	0.6023	0.9732	0.9760	0.9790	0.7684
38.7	0.9779	0.9465	0.0840	0.6468	0.9635	0.9647	0.9776	0.6654
38.8	0.9698	0.9485	0.1014	0.6416	0.9553	0.9628	0.9689	0.5971
38.9	0.9759	0.9661	0.0459	0.7239	0.9656	0.9643	0.9753	0.7195
39.0	0.9756	0.9612	0.0473	0.8035	0.9689	0.9609	0.9751	0.6088
39.1	0.9845	0.9695	0.1532	0.8026	0.9651	0.9765	0.9837	0.6281
39.2	0.9846	0.9717	0.1403	0.7793	0.9477	0.9738	0.9834	0.6126
39.3	0.9801	0.9663	0.1961	0.6662	0.9508	0.9708	0.9774	0.7052
39.4	0.9813	0.9668	0.2011	0.6611	0.9335	0.9704	0.9799	0.7917
39.5	0.9760	0.9524	0.0700	0.5981	0.9336	0.9669	0.9716	0.7466
39.6	0.9785	0.9552	0.0519	0.7340	0.9549	0.9726	0.9771	0.8337
39.7	0.9825	0.9676	0.1900	0.7475	0.9446	0.9762	0.9800	0.8755
39.8	0.9838	0.9663	0.3014	0.7447	0.9241	0.9783	0.9814	0.8887
39.9	0.9842	0.9666	0.3433	0.7587	0.9351	0.9772	0.9805	0.9102
40.0	0.9830	0.9629	0.3930	0.7841	0.9245	0.9802	0.9808	0.9273
40.1	0.9811	0.9479	0.4179	0.6896	0.8855	0.9730	0.9770	0.9193
40.2	0.9768	0.9437	0.3091	0.6116	0.8435	0.9581	0.9711	0.9076
40.3	0.9841	0.9621	0.3993	0.6661	0.8796	0.9765	0.9817	0.9375
40.4	0.9841	0.9474	0.2583	0.7688	0.8848	0.9765	0.9798	0.9206
40.5	0.9860	0.9468	0.2167	0.6622	0.8507	0.9805	0.9840	0.9338
40.6	0.9851	0.9539	0.3342	0.6457	0.8521	0.9791	0.9844	0.9370
40.7	0.9837	0.9340	0.2804	0.6078	0.8633	0.9754	0.9829	0.9243
40.8	0.9863	0.9524	0.1384	0.6719	0.8985	0.9808	0.9850	0.9463
40.9	0.9855	0.9535	0.2283	0.7045	0.8918	0.9757	0.9827	0.9561
41.0	0.9820	0.9347	0.3361	0.6160	0.8459	0.9712	0.9786	0.9453
41.1	0.9847	0.9477	0.1670	0.7627	0.8534	0.9672	0.9821	0.9395
41.2	0.9914	0.9640	0.2393	0.7819	0.9387	0.9697	0.9899	0.9591
41.3	0.9902	0.9580	0.2644	0.6703	0.9207	0.9668	0.9892	0.9597
41.4	0.9862	0.9429	0.0969	0.6819	0.8216	0.9264	0.9849	0.9180
41.5	0.9904	0.9548	0.1531	0.6848	0.8913	0.9304	0.9872	0.9551
41.6	0.9943	0.9634	0.2622	0.7272	0.8864	0.9633	0.9917	0.9587
41.7	0.9913	0.9557	0.1695	0.7022	0.9243	0.9503	0.9895	0.9441
41.8	0.9934	0.9533	0.2174	0.6521	0.9270	0.9488	0.9922	0.9619
41.9	0.9936	0.9567	0.1313	0.4909	0.9352	0.9315	0.9923	0.9472
42.0	0.9942	0.9583	0.0151	0.5474	0.9268	0.8979	0.9925	0.9084
42.1	0.9946	0.9709	0.0788	0.6913	0.9399	0.9402	0.9936	0.9570
42.2	0.9902	0.9236	0.1990	0.6084	0.9288	0.9344	0.9875	0.9117
42.3	0.9916	0.8964	0.0996	0.3154	0.9049	0.8994	0.9882	0.9466

42.4	0.9950	0.9417	0.0614	0.5704	0.9198	0.9319	0.9926	0.9554
42.5	0.9932	0.9386	0.1483	0.5988	0.8630	0.9369	0.9908	0.9501
42.6	0.9945	0.9519	0.1020	0.6477	0.8648	0.9501	0.9914	0.9571
42.7	0.9953	0.9517	0.0772	0.7068	0.9105	0.9582	0.9925	0.9631
42.8	0.9948	0.9524	0.1150	0.6098	0.9040	0.9466	0.9936	0.9476
42.9	0.9953	0.9540	0.1370	0.6893	0.8485	0.9635	0.9942	0.9480
43.0	0.9952	0.9361	0.1292	0.6970	0.9164	0.9671	0.9928	0.8341
43.1	0.9951	0.9611	0.1321	0.6788	0.9411	0.9732	0.9933	0.9488
43.2	0.9955	0.9671	0.0206	0.5978	0.9343	0.9788	0.9949	0.9547
43.3	0.9957	0.9577	0.0222	0.5865	0.9506	0.9853	0.9956	0.9522
43.4	0.9964	0.9520	0.1012	0.6934	0.9396	0.9776	0.9954	0.9394
43.5	0.9929	0.9189	0.1223	0.6380	0.9200	0.9769	0.9920	0.8763
43.6	0.9927	0.9087	0.1378	0.6033	0.8949	0.9729	0.9923	0.9448
43.7	0.9956	0.9263	0.0771	0.6387	0.9083	0.9821	0.9951	0.9316
43.8	0.9961	0.8944	0.0673	0.4288	0.9266	0.9834	0.9950	0.9000
43.9	0.9965	0.9062	0.2286	0.6566	0.9520	0.9861	0.9947	0.9293
44.0	0.9959	0.9456	0.1998	0.5956	0.9450	0.9879	0.9955	0.9593
44.1	0.9949	0.8875	0.0407	0.5490	0.9049	0.9744	0.9937	0.9376
44.2	0.9961	0.9093	0.0217	0.7183	0.9125	0.9760	0.9940	0.9548
44.3	0.9960	0.9438	0.0479	0.6807	0.9277	0.9834	0.9950	0.9591
44.4	0.9972	0.9026	0.1366	0.6643	0.8762	0.9848	0.9967	0.9606
44.5	0.9959	0.9061	0.1973	0.6152	0.7560	0.9804	0.9945	0.9574
44.6	0.9957	0.9193	0.0348	0.6043	0.9278	0.9803	0.9946	0.9103
44.7	0.9962	0.9399	0.1099	0.7041	0.9393	0.9835	0.9946	0.9206
44.8	0.9962	0.9461	0.2395	0.6336	0.9302	0.9844	0.9950	0.9335
44.9	0.9962	0.9437	0.3529	0.6383	0.9194	0.9785	0.9953	0.9534
45.0	0.9957	0.9028	0.3475	0.6692	0.8922	0.9829	0.9953	0.9286
45.1	0.9966	0.8643	0.2347	0.7517	0.8856	0.9659	0.9952	0.5631
45.2	0.9965	0.9018	0.2206	0.7196	0.9056	0.9779	0.9947	0.8881
45.3	0.9965	0.8900	0.2545	0.6200	0.8957	0.9813	0.9961	0.8762
45.4	0.9961	0.7541	0.1118	0.7107	0.8744	0.9689	0.9950	0.4372
45.5	0.9952	0.7943	0.0546	0.6440	0.9135	0.9662	0.9935	0.6712
45.6	0.9971	0.8780	0.0864	0.7558	0.9393	0.9822	0.9961	0.8743
45.7	0.9980	0.8691	0.1417	0.7638	0.9134	0.9876	0.9974	0.8177
45.8	0.9969	0.8888	0.1677	0.7743	0.9112	0.9628	0.9968	0.7396
45.9	0.9975	0.8848	0.1312	0.7355	0.8914	0.9580	0.9970	0.6560
46.0	0.9968	0.9011	0.1786	0.6267	0.9237	0.9724	0.9956	0.7782
46.1	0.9961	0.8712	0.1191	0.7265	0.9033	0.9733	0.9944	0.5641
46.2	0.9973	0.9012	0.1743	0.6893	0.9334	0.9819	0.9964	0.6418
46.3	0.9976	0.9007	0.2017	0.4700	0.9046	0.9765	0.9968	0.5455
46.4	0.9965	0.9265	0.3486	0.7265	0.9425	0.9810	0.9959	0.6055
46.5	0.9960	0.9044	0.2211	0.5082	0.9182	0.9779	0.9956	0.4131
46.6	0.9966	0.9294	0.2705	0.4451	0.9323	0.9791	0.9953	0.5982
46.7	0.9967	0.9311	0.2112	0.6448	0.9425	0.9710	0.9955	0.7793
46.8	0.9970	0.9565	0.2788	0.6190	0.9400	0.9685	0.9963	0.7636
46.9	0.9968	0.9537	0.3057	0.6401	0.9079	0.9657	0.9960	0.8220
47.0	0.9953	0.9518	0.3878	0.5395	0.9404	0.9834	0.9938	0.8858
47.1	0.9964	0.9665	0.3251	0.6697	0.9272	0.9793	0.9945	0.8607
47.2	0.9954	0.9614	0.1853	0.7368	0.8832	0.9686	0.9943	0.7749
47.3	0.9977	0.9662	0.3535	0.7934	0.9312	0.9796	0.9970	0.8721
47.4	0.9978	0.9819	0.3941	0.8227	0.9608	0.9828	0.9972	0.9148
47.5	0.9965	0.9735	0.3318	0.6481	0.9207	0.9759	0.9947	0.8594
47.6	0.9968	0.9787	0.4819	0.7570	0.9568	0.9852	0.9957	0.8419
47.7	0.9970	0.9728	0.5413	0.6342	0.9617	0.9870	0.9958	0.7519
47.8	0.9946	0.9628	0.5034	0.5116	0.9453	0.9821	0.9937	0.7650
47.9	0.9961	0.9624	0.6289	0.7808	0.9525	0.9764	0.9949	0.8245
48.0	0.9962	0.9718	0.6396	0.8031	0.9534	0.9793	0.9940	0.8504
48.1	0.9971	0.9690	0.6914	0.7081	0.9634	0.9893	0.9960	0.8292
48.2	0.9965	0.9696	0.7345	0.5975	0.9664	0.9854	0.9957	0.8332
48.3	0.9949	0.9555	0.7255	0.4758	0.9457	0.9713	0.9931	0.7594
48.4	0.9961	0.9706	0.7937	0.6393	0.9546	0.9811	0.9944	0.7032
48.5	0.9958	0.9634	0.7498	0.6434	0.9706	0.9785	0.9928	0.8502
48.6	0.9964	0.9644	0.7074	0.7058	0.9559	0.9866	0.9939	0.8176
48.7	0.9970	0.9667	0.6489	0.6258	0.9657	0.9915	0.9949	0.7904
48.8	0.9973	0.9549	0.6236	0.6299	0.9673	0.9904	0.9940	0.7632
48.9	0.9963	0.9650	0.6735	0.5087	0.9491	0.9873	0.9938	0.7503
49.0	0.9965	0.9679	0.6980	0.7684	0.9605	0.9905	0.9953	0.7358
49.1	0.9973	0.9691	0.7153	0.5542	0.9433	0.9924	0.9968	0.6664
49.2	0.9969	0.9606	0.6622	0.4255	0.9582	0.9933	0.9942	0.2311
49.3	0.9958	0.9451	0.6485	0.5293	0.9513	0.9875	0.9937	0.1446
49.4	0.9976	0.9202	0.7563	0.5805	0.9667	0.9914	0.9970	0.0548
49.5	0.9977	0.9151	0.7213	0.6139	0.9532	0.9938	0.9964	0.3943
49.6	0.9969	0.9104	0.7244	0.6309	0.9483	0.9939	0.9948	0.3207
49.7	0.9960	0.8922	0.7549	0.5966	0.9494	0.9924	0.9944	0.5393
49.8	0.9951	0.8492	0.7504	0.3606	0.9364	0.9925	0.9932	0.6475
49.9	0.9941	0.8416	0.7600	0.5037	0.9169	0.9884	0.9902	0.4376
50.0	0.9963	0.8123	0.7484	0.6160	0.9262	0.9898	0.9944	0.0837
50.1	0.9973	0.7954	0.7975	0.8249	0.9278	0.9930	0.9955	0.0833
50.2	0.9958	0.7804	0.7401	0.5091	0.8941	0.9920	0.9944	0.0411
50.3	0.9968	0.8897	0.7938	0.7407	0.9226	0.9928	0.9957	0.2836
50.4	0.9969	0.9101	0.8293	0.5960	0.9081	0.9925	0.9959	0.2277
50.5	0.9966	0.9037	0.8287	0.7082	0.9219	0.9923	0.9952	0.2177
50.6	0.9967	0.9319	0.8285	0.6238	0.7030	0.9918	0.9949	0.1810
50.7	0.9954	0.8556	0.8264	0.7016	0.8776	0.9933	0.9935	0.2850
50.8	0.9959	0.8434	0.8768	0.6385	0.8898	0.9923	0.9949	0.3084
50.9	0.9971	0.8460	0.8455	0.6659	0.8775	0.9925	0.9958	0.4244

51.0	0.9958	0.8337	0.8680	0.7206	0.8710	0.9907	0.9946	0.3813
51.1	0.9951	0.7799	0.8340	0.5717	0.7748	0.9906	0.9950	0.0320
51.2	0.9946	0.8001	0.7880	0.6239	0.7790	0.9891	0.9931	0.1405
51.3	0.9969	0.8576	0.8497	0.7324	0.8162	0.9925	0.9960	0.0415
51.4	0.9972	0.9225	0.8605	0.7241	0.7664	0.9934	0.9965	0.1198
51.5	0.9964	0.9268	0.7860	0.7209	0.7474	0.9900	0.9950	0.2981
51.6	0.9956	0.9236	0.8515	0.7737	0.8198	0.9882	0.9940	0.4122
51.7	0.9960	0.9390	0.8663	0.6694	0.6849	0.9927	0.9951	0.3625
51.8	0.9966	0.9316	0.8748	0.7414	0.6839	0.9942	0.9958	0.5186
51.9	0.9965	0.8876	0.9081	0.7332	0.5903	0.9906	0.9949	0.2908
52.0	0.9965	0.8998	0.8782	0.7800	0.6076	0.9919	0.9936	0.5163
52.1	0.9966	0.9025	0.8779	0.8019	0.6539	0.9926	0.9954	0.5556
52.2	0.9955	0.8211	0.8667	0.7865	0.6076	0.9943	0.9925	0.7736
52.3	0.9961	0.9008	0.8497	0.7581	0.6700	0.9941	0.9940	0.7165
52.4	0.9969	0.8850	0.9325	0.8122	0.5343	0.9916	0.9941	0.4002
52.5	0.9962	0.9523	0.8761	0.8366	0.7135	0.9948	0.9946	0.2849
52.6	0.9961	0.9714	0.8527	0.8932	0.7853	0.9939	0.9947	0.5757
52.7	0.9947	0.9666	0.8696	0.8984	0.8170	0.9934	0.9938	0.5640
52.8	0.9958	0.9598	0.9159	0.8709	0.8947	0.9945	0.9948	0.4850
52.9	0.9949	0.9702	0.8876	0.7868	0.8583	0.9932	0.9933	0.4560
53.0	0.9951	0.9471	0.8604	0.8497	0.8576	0.9930	0.9938	0.1834
53.1	0.9952	0.9397	0.9218	0.8565	0.8486	0.9923	0.9938	0.3535
53.2	0.9960	0.9464	0.9562	0.8490	0.9541	0.9948	0.9962	0.4037
53.3	0.9962	0.9424	0.9400	0.8507	0.9681	0.9955	0.9947	0.2212
53.4	0.9954	0.9202	0.9439	0.7658	0.9699	0.9959	0.9929	0.1897
53.5	0.9949	0.9464	0.9438	0.8398	0.9629	0.9954	0.9920	0.0621
53.6	0.9948	0.9662	0.9492	0.8194	0.9572	0.9941	0.9930	0.0829
53.7	0.9953	0.9683	0.9506	0.7834	0.9571	0.9937	0.9935	0.1772
53.8	0.9962	0.9567	0.9495	0.8134	0.9669	0.9946	0.9945	0.2781
53.9	0.9961	0.9594	0.9429	0.8642	0.9691	0.9940	0.9942	0.2352
54.0	0.9967	0.9535	0.9407	0.8779	0.9763	0.9956	0.9951	0.3000
54.1	0.9952	0.9666	0.9552	0.8418	0.9700	0.9925	0.9925	0.3693
54.2	0.9935	0.9535	0.9549	0.7672	0.9584	0.9844	0.9902	0.2543
54.3	0.9951	0.9564	0.9626	0.7905	0.9669	0.9910	0.9925	0.3302
54.4	0.9947	0.9620	0.9536	0.7611	0.9706	0.9902	0.9904	0.4403
54.5	0.9945	0.9535	0.9548	0.7809	0.9709	0.9922	0.9922	0.5481
54.6	0.9927	0.9364	0.9515	0.6924	0.9672	0.9904	0.9900	0.6692
54.7	0.9946	0.9390	0.9536	0.7448	0.9640	0.9931	0.9919	0.7876
54.8	0.9946	0.9319	0.9431	0.8190	0.9682	0.9927	0.9903	0.8216
54.9	0.9930	0.9407	0.9489	0.6552	0.9596	0.9897	0.9904	0.7900
55.0	0.9942	0.9472	0.9527	0.7717	0.9773	0.9934	0.9922	0.8910
55.1	0.9954	0.9290	0.9520	0.8126	0.9794	0.9957	0.9892	0.9304
55.2	0.9941	0.8720	0.9405	0.7234	0.9607	0.9941	0.9863	0.9018
55.3	0.9943	0.8200	0.9382	0.6879	0.9465	0.9913	0.9913	0.9045
55.4	0.9946	0.7458	0.9152	0.6096	0.9569	0.9930	0.9902	0.9045
55.5	0.9947	0.8178	0.9240	0.8298	0.9664	0.9934	0.9924	0.9292
55.6	0.9951	0.8992	0.9268	0.7551	0.9567	0.9951	0.9881	0.9261
55.7	0.9940	0.8393	0.9248	0.7060	0.9552	0.9946	0.9864	0.9171
55.8	0.9942	0.7418	0.9504	0.5746	0.9432	0.9953	0.9883	0.9437
55.9	0.9937	0.5707	0.9495	0.5333	0.9534	0.9943	0.9854	0.9262
56.0	0.9907	0.4286	0.9238	0.3837	0.9461	0.9915	0.9835	0.9264
56.1	0.9907	0.5651	0.9298	0.5620	0.9459	0.9925	0.9806	0.9443
56.2	0.9923	0.5902	0.9355	0.6441	0.9625	0.9938	0.9868	0.9562
56.3	0.9926	0.3943	0.9325	0.4824	0.9584	0.9942	0.9835	0.9497
56.4	0.9931	0.3299	0.9326	0.6003	0.9575	0.9944	0.9828	0.9434
56.5	0.9942	0.3004	0.9444	0.4948	0.9650	0.9954	0.9845	0.9485
56.6	0.9944	0.1491	0.9427	0.4410	0.9660	0.9949	0.9849	0.9589
56.7	0.9955	0.0911	0.9455	0.6529	0.9682	0.9962	0.9861	0.9598
56.8	0.9950	0.1991	0.9416	0.4812	0.9694	0.9957	0.9855	0.9564
56.9	0.9955	0.3476	0.9501	0.5023	0.9702	0.9965	0.9844	0.9591
57.0	0.9954	0.4287	0.9472	0.4357	0.9717	0.9962	0.9845	0.9553
57.1	0.9915	0.3943	0.9387	0.3862	0.9565	0.9939	0.9780	0.9332
57.2	0.9921	0.5926	0.9467	0.3589	0.9653	0.9926	0.9750	0.9590
57.3	0.9905	0.5673	0.9375	0.2317	0.9442	0.9914	0.9705	0.9335
57.4	0.9916	0.1635	0.9501	0.4235	0.9493	0.9931	0.9754	0.9476
57.5	0.9936	0.2047	0.9436	0.4584	0.9526	0.9930	0.9811	0.9432
57.6	0.9915	0.2021	0.9327	0.5444	0.9484	0.9922	0.9751	0.9386
57.7	0.9900	0.2326	0.9548	0.3780	0.9421	0.9935	0.9750	0.9495
57.8	0.9926	0.2207	0.9595	0.3438	0.9385	0.9946	0.9831	0.9538
57.9	0.9915	0.1756	0.9461	0.3084	0.9416	0.9914	0.9746	0.9570
58.0	0.9931	0.1794	0.9594	0.3314	0.9508	0.9933	0.9750	0.9637
58.1	0.9920	0.4455	0.9476	0.1744	0.9321	0.9927	0.9782	0.9550
58.2	0.9904	0.0199	0.9404	0.3779	0.9359	0.9918	0.9566	0.9357
58.3	0.9901	0.1039	0.9321	0.3495	0.9250	0.9907	0.9489	0.9334
58.4	0.9938	0.2543	0.9553	0.1680	0.9534	0.9947	0.9742	0.9602
58.5	0.9944	0.1663	0.9596	0.2157	0.9457	0.9941	0.9725	0.9685
58.6	0.9884	0.5025	0.9316	0.3821	0.9402	0.9912	0.9666	0.9450
58.7	0.9897	0.5811	0.9208	0.3024	0.9592	0.9942	0.9655	0.9465
58.8	0.9900	0.5877	0.9106	0.3210	0.9268	0.9948	0.9675	0.9437
58.9	0.9898	0.6399	0.9171	0.2433	0.9185	0.9933	0.9640	0.9448
59.0	0.9860	0.4728	0.8938	0.2805	0.8882	0.9865	0.9430	0.9374
59.1	0.9899	0.3106	0.9006	0.3175	0.8099	0.9864	0.9532	0.9411
59.2	0.9909	0.7965	0.8902	0.2407	0.9408	0.9947	0.9572	0.9568
59.3	0.9913	0.8332	0.8990	0.3603	0.9370	0.9946	0.9539	0.9424
59.4	0.9907	0.8736	0.8899	0.3845	0.9323	0.9945	0.9543	0.9463
59.5	0.9907	0.8648	0.8796	0.1448	0.9299	0.9943	0.9515	0.9398

59.6	0.9933	0.9039	0.9041	0.1822	0.9490	0.9953	0.9585	0.9649
59.7	0.9908	0.8975	0.8578	0.1640	0.9398	0.9942	0.9450	0.9524
59.8	0.9832	0.8702	0.8273	0.1860	0.9255	0.9922	0.9273	0.9403
59.9	0.9772	0.8429	0.6494	0.2011	0.9212	0.9895	0.9121	0.9181
60.0	0.9638	0.8737	0.0464	0.1250	0.9255	0.9737	0.5686	0.4240
60.1	0.9886	0.9556	0.5837	0.1505	0.9514	0.9931	0.9411	0.9630
60.2	0.9902	0.9690	0.8312	0.3479	0.9623	0.9936	0.9348	0.9663
60.3	0.9909	0.9707	0.8389	0.2344	0.9665	0.9940	0.9277	0.9698
60.4	0.9903	0.9674	0.8205	0.2233	0.9591	0.9935	0.9326	0.9689
60.5	0.9926	0.9736	0.8252	0.3616	0.9621	0.9940	0.9415	0.9738
60.6	0.9911	0.9836	0.7726	0.1975	0.9595	0.9932	0.9238	0.9613
60.7	0.9903	0.9801	0.7840	0.3593	0.9523	0.9935	0.9414	0.9525
60.8	0.9897	0.9791	0.7863	0.1196	0.9569	0.9945	0.9301	0.9534
60.9	0.9878	0.9726	0.7762	0.1425	0.9611	0.9946	0.9267	0.9591
61.0	0.9902	0.9744	0.7445	0.1462	0.9669	0.9957	0.9376	0.9668
61.1	0.9888	0.9629	0.6935	0.2230	0.9632	0.9935	0.9425	0.9643
61.2	0.9922	0.9708	0.7493	0.2058	0.9802	0.9955	0.9274	0.9784
61.3	0.9885	0.9636	0.7060	0.1861	0.9756	0.9952	0.9169	0.9776
61.4	0.9813	0.9498	0.6851	0.2211	0.9675	0.9916	0.8949	0.9678
61.5	0.9899	0.9712	0.6719	0.3421	0.9824	0.9946	0.9248	0.9845
61.6	0.9898	0.9736	0.6399	0.3241	0.9823	0.9960	0.9241	0.9800
61.7	0.9864	0.9579	0.5727	0.2014	0.9782	0.9948	0.9069	0.9737
61.8	0.9807	0.9468	0.5002	0.1894	0.9718	0.9928	0.7916	0.9700
61.9	0.9851	0.9549	0.5433	0.2724	0.9714	0.9922	0.7628	0.9692
62.0	0.9867	0.9656	0.5269	0.2832	0.9795	0.9944	0.7205	0.9792
62.1	0.9852	0.9716	0.5746	0.4418	0.9830	0.9932	0.6039	0.9818
62.2	0.9886	0.9809	0.6000	0.4048	0.9826	0.9932	0.5301	0.9813
62.3	0.9816	0.9775	0.5757	0.4241	0.9793	0.9933	0.4012	0.9733
62.4	0.9856	0.9789	0.6093	0.3136	0.9833	0.9941	0.3974	0.9787
62.5	0.9848	0.9740	0.5178	0.3297	0.9801	0.9930	0.4930	0.9794
62.6	0.9882	0.9791	0.6147	0.4167	0.9847	0.9945	0.5642	0.9832
62.7	0.9897	0.9822	0.6590	0.3421	0.9838	0.9943	0.6373	0.9849
62.8	0.9854	0.9765	0.6366	0.4249	0.9802	0.9935	0.7267	0.9773
62.9	0.9833	0.9733	0.6675	0.5200	0.9788	0.9930	0.7263	0.9789
63.0	0.9785	0.9740	0.6530	0.3898	0.9800	0.9906	0.7875	0.9798
63.1	0.9831	0.9779	0.7171	0.2770	0.9784	0.9914	0.8256	0.9759
63.2	0.9798	0.9755	0.7202	0.2466	0.9814	0.9904	0.8257	0.9764
63.3	0.9798	0.9774	0.7415	0.2406	0.9786	0.9922	0.8422	0.9725
63.4	0.9793	0.9748	0.7916	0.1974	0.9736	0.9912	0.8854	0.9701
63.5	0.9765	0.9725	0.7671	0.3928	0.9749	0.9904	0.9152	0.9706
63.6	0.9800	0.9823	0.8290	0.4030	0.9793	0.9915	0.9142	0.9750
63.7	0.9758	0.9774	0.8281	0.1798	0.9748	0.9898	0.9245	0.9719
63.8	0.9765	0.9780	0.8451	0.1920	0.9778	0.9918	0.9282	0.9741
63.9	0.9759	0.9808	0.8805	0.2081	0.9799	0.9903	0.9238	0.9757
64.0	0.9776	0.9799	0.8886	0.2507	0.9829	0.9905	0.9203	0.9766
64.1	0.9779	0.9848	0.8780	0.3613	0.9834	0.9909	0.9120	0.9795
64.2	0.9734	0.9861	0.9106	0.1687	0.9829	0.9904	0.9242	0.9807
64.3	0.9763	0.9820	0.9304	0.1308	0.9821	0.9900	0.9447	0.9771
64.4	0.9710	0.9751	0.9266	0.1251	0.9754	0.9868	0.9491	0.9686
64.5	0.9687	0.9793	0.9344	0.1673	0.9786	0.9901	0.9525	0.9726
64.6	0.9694	0.9783	0.9386	0.4162	0.9796	0.9907	0.9497	0.9733
64.7	0.9765	0.9793	0.9506	0.2333	0.9809	0.9881	0.9513	0.9738
64.8	0.9740	0.9843	0.9595	0.2283	0.9850	0.9908	0.9538	0.9773
64.9	0.9777	0.9806	0.9614	0.2897	0.9815	0.9888	0.9609	0.9791
65.0	0.9809	0.9836	0.9662	0.1433	0.9839	0.9898	0.9704	0.9779
65.1	0.9774	0.9845	0.9672	0.3211	0.9835	0.9907	0.9683	0.9771
65.2	0.9694	0.9766	0.9521	0.1047	0.9778	0.9843	0.9582	0.9726
65.3	0.9732	0.9766	0.9587	0.1967	0.9756	0.9848	0.9627	0.9703
65.4	0.9781	0.9791	0.9752	0.1663	0.9772	0.9852	0.9681	0.9734
65.5	0.9804	0.9800	0.9788	0.3008	0.9791	0.9862	0.9719	0.9744
65.6	0.9799	0.9839	0.9847	0.2454	0.9831	0.9895	0.9770	0.9799
65.7	0.9765	0.9831	0.9838	0.2309	0.9848	0.9880	0.9792	0.9792
65.8	0.9717	0.9779	0.9758	0.1841	0.9803	0.9863	0.9744	0.9789
65.9	0.9736	0.9754	0.9803	0.2334	0.9749	0.9825	0.9702	0.9701
66.0	0.9788	0.9782	0.9801	0.2778	0.9828	0.9859	0.9806	0.9797
66.1	0.9803	0.9829	0.9847	0.3728	0.9854	0.9878	0.9821	0.9811
66.2	0.9810	0.9838	0.9889	0.0716	0.9850	0.9867	0.9804	0.9791
66.3	0.9797	0.9778	0.9812	0.0972	0.9814	0.9836	0.9763	0.9696
66.4	0.9658	0.9720	0.9795	0.1761	0.9745	0.9752	0.9730	0.9606
66.5	0.9717	0.9737	0.9825	0.2703	0.9772	0.9822	0.9778	0.9636
66.6	0.9671	0.9679	0.9807	0.2518	0.9761	0.9785	0.9765	0.9608
66.7	0.9537	0.9596	0.9815	0.1248	0.9787	0.9821	0.9750	0.9603
66.8	0.9549	0.9631	0.9865	0.2735	0.9821	0.9866	0.9770	0.9639
66.9	0.9357	0.9495	0.9842	0.2120	0.9735	0.9786	0.9673	0.9477
67.0	0.9234	0.9279	0.9838	0.1722	0.9703	0.9675	0.9639	0.9461
67.1	0.9453	0.9481	0.9895	0.3786	0.9771	0.9805	0.9706	0.9499
67.2	0.9263	0.9455	0.9882	0.2213	0.9753	0.9793	0.9659	0.9547
67.3	0.9061	0.9230	0.9852	0.2081	0.9722	0.9751	0.9643	0.9455
67.4	0.9198	0.9278	0.9858	0.0667	0.9741	0.9797	0.9744	0.9394
67.5	0.9364	0.9236	0.9854	0.1967	0.9725	0.9811	0.9701	0.9301
67.6	0.9092	0.8942	0.9835	0.2217	0.9704	0.9839	0.9705	0.9152
67.7	0.8926	0.8761	0.9860	0.3300	0.9660	0.9796	0.9672	0.9426
67.8	0.8822	0.8626	0.9871	0.2187	0.9629	0.9791	0.9689	0.9249
67.9	0.9033	0.8842	0.9840	0.1648	0.9660	0.9814	0.9706	0.9303
68.0	0.8489	0.8321	0.9878	0.1019	0.9516	0.9788	0.9647	0.9071
68.1	0.8565	0.7892	0.9867	0.1318	0.9513	0.9794	0.9718	0.9060

68.2	0.8375	0.7561	0.9867	0.2402	0.9468	0.9808	0.9713	0.8869
68.3	0.7832	0.7082	0.9861	0.2420	0.9440	0.9802	0.9644	0.8580
68.4	0.7835	0.7464	0.9908	0.3682	0.9392	0.9830	0.9699	0.8441
68.5	0.5408	0.7478	0.9840	0.2581	0.8864	0.9756	0.9474	0.7342
68.6	0.3887	0.7786	0.9814	0.1818	0.8758	0.9741	0.9448	0.7085
68.7	0.3389	0.7875	0.9874	0.1739	0.8412	0.9793	0.9633	0.7724
68.8	0.1601	0.8121	0.9846	0.1327	0.8171	0.9773	0.9547	0.7395
68.9	0.0625	0.8211	0.9825	0.1837	0.7877	0.9743	0.9516	0.7050
69.0	0.0464	0.8479	0.9875	0.2962	0.8209	0.9757	0.9627	0.7587
69.1	0.0170	0.8490	0.9842	0.2672	0.7973	0.9717	0.9425	0.7046
69.2	0.0594	0.8865	0.9845	0.4221	0.8089	0.9719	0.9409	0.6737
69.3	0.1175	0.8756	0.9872	0.1839	0.8052	0.9593	0.9277	0.6969
69.4	0.1698	0.8690	0.9867	0.2503	0.8366	0.9590	0.9287	0.7604
69.5	0.2539	0.9172	0.9882	0.2265	0.9108	0.9699	0.9364	0.8730
69.6	0.2343	0.8818	0.9878	0.2995	0.8826	0.9652	0.9221	0.8007
69.7	0.2635	0.8658	0.9857	0.1924	0.8121	0.9455	0.9231	0.6991
69.8	0.2830	0.8854	0.9876	0.3023	0.8456	0.9508	0.8952	0.6401
69.9	0.2746	0.8799	0.9863	0.1144	0.8157	0.9368	0.8766	0.5288
70.0	0.3560	0.8793	0.9850	0.2113	0.8281	0.9214	0.8757	0.6428
70.1	0.4905	0.9053	0.9861	0.3617	0.8140	0.9340	0.9100	0.6131
70.2	0.4128	0.9083	0.9845	0.3793	0.8159	0.9260	0.8949	0.5915
70.3	0.3769	0.9019	0.9874	0.1406	0.7487	0.8849	0.8791	0.6156
70.4	0.3312	0.8916	0.9856	0.1078	0.6924	0.8524	0.8319	0.5011
70.5	0.5609	0.9357	0.9857	0.1843	0.7583	0.8766	0.8677	0.5973
70.6	0.5374	0.9296	0.9795	0.3009	0.7324	0.8538	0.8819	0.6202
70.7	0.5506	0.9227	0.9815	0.1631	0.6065	0.8247	0.8673	0.4974
70.8	0.6439	0.9451	0.9870	0.3087	0.6415	0.8589	0.9049	0.5465
70.9	0.6369	0.9303	0.9858	0.1214	0.6030	0.7897	0.8571	0.5660
71.0	0.5745	0.9297	0.9817	0.2916	0.5499	0.8371	0.8472	0.4878
71.1	0.5310	0.9172	0.9809	0.2676	0.5429	0.7598	0.8720	0.3237
71.2	0.7569	0.9399	0.9872	0.1243	0.6512	0.7871	0.8833	0.2081
71.3	0.7446	0.9219	0.9869	0.1201	0.5993	0.6967	0.8540	0.1440
71.4	0.7453	0.8945	0.9851	0.1868	0.6672	0.5325	0.8261	0.0704
71.5	0.7873	0.9191	0.9809	0.2594	0.7642	0.3810	0.8491	0.1113
71.6	0.8631	0.9376	0.9867	0.2017	0.8425	0.3982	0.8711	0.0564
71.7	0.8969	0.9433	0.9880	0.3054	0.9064	0.3967	0.8563	0.0024
71.8	0.8803	0.9452	0.9884	0.2511	0.9148	0.3888	0.8476	0.0104
71.9	0.8643	0.9310	0.9840	0.1767	0.9070	0.1309	0.8302	0.0344
72.0	0.8841	0.9394	0.9783	0.0768	0.9148	0.0066	0.8748	0.0761
72.1	0.8887	0.9371	0.9736	0.2305	0.9244	0.0588	0.8551	0.1395
72.2	0.9079	0.9360	0.9821	0.3190	0.9365	0.0790	0.8413	0.3023
72.3	0.9072	0.9370	0.9860	0.1725	0.9462	0.1740	0.8372	0.3403
72.4	0.9146	0.9188	0.9810	0.2700	0.9430	0.2557	0.8188	0.3838
72.5	0.9068	0.9346	0.9807	0.1908	0.9546	0.3626	0.8220	0.5505
72.6	0.9063	0.9390	0.9786	0.2308	0.9470	0.5040	0.8329	0.5723
72.7	0.9196	0.9308	0.9801	0.3808	0.9536	0.5255	0.7988	0.6058
72.8	0.9078	0.9420	0.9830	0.1083	0.9588	0.5705	0.8230	0.7097
72.9	0.9287	0.9498	0.9828	0.2717	0.9636	0.6962	0.8630	0.7448
73.0	0.9223	0.9320	0.9800	0.0873	0.9551	0.6796	0.8024	0.6498
73.1	0.9216	0.9444	0.9771	0.3791	0.9607	0.7443	0.7979	0.7357
73.2	0.9061	0.9161	0.9789	0.2002	0.9539	0.6825	0.7738	0.7534
73.3	0.9097	0.9086	0.9830	0.2429	0.9490	0.6998	0.7550	0.6993
73.4	0.9189	0.9209	0.9824	0.2156	0.9564	0.7699	0.7769	0.7281
73.5	0.9366	0.9481	0.9845	0.0788	0.9655	0.8330	0.8421	0.8408
73.6	0.9421	0.9329	0.9830	0.1747	0.9607	0.8100	0.8506	0.8702
73.7	0.9291	0.9124	0.9789	0.3616	0.9578	0.8091	0.8130	0.8032
73.8	0.9505	0.9366	0.9805	0.1760	0.9668	0.8724	0.8476	0.8570
73.9	0.9214	0.9243	0.9791	0.2259	0.9573	0.8657	0.8015	0.8369
74.0	0.9305	0.9253	0.9810	0.1742	0.9618	0.8620	0.7851	0.8351
74.1	0.9535	0.9360	0.9805	0.0574	0.9697	0.9095	0.8297	0.8573
74.2	0.9519	0.9448	0.9796	0.2790	0.9714	0.8994	0.8284	0.8546
74.3	0.9631	0.9469	0.9782	0.0581	0.9769	0.9148	0.8692	0.8929
74.4	0.9404	0.9254	0.9752	0.0498	0.9627	0.8580	0.8160	0.8521
74.5	0.9133	0.9080	0.9717	0.1398	0.9467	0.8465	0.7324	0.8174
74.6	0.9409	0.9111	0.9652	0.0685	0.9606	0.8508	0.7731	0.8226
74.7	0.9519	0.9472	0.9812	0.4364	0.9725	0.8813	0.7606	0.8930
74.8	0.9676	0.9515	0.9879	0.2122	0.9805	0.9066	0.7791	0.9186
74.9	0.9716	0.9547	0.9849	0.2356	0.9848	0.8978	0.7934	0.9194
75.0	0.9619	0.9589	0.9816	0.2099	0.9814	0.9193	0.8321	0.9342
75.1	0.9412	0.9476	0.9771	0.1489	0.9738	0.9102	0.7884	0.9398
75.2	0.9458	0.9462	0.9791	0.1077	0.9751	0.8886	0.7478	0.9503
75.3	0.9547	0.9585	0.9810	0.3821	0.9790	0.9091	0.7638	0.9496
75.4	0.9450	0.9527	0.9768	0.1427	0.9771	0.9199	0.7601	0.9431
75.5	0.9486	0.9450	0.9772	0.2655	0.9747	0.9182	0.7760	0.9421
75.6	0.9472	0.9218	0.9705	0.2039	0.9739	0.8874	0.6771	0.9190
75.7	0.9610	0.9562	0.9762	0.2952	0.9822	0.9386	0.8014	0.9456
75.8	0.9561	0.9562	0.9724	0.2392	0.9758	0.9529	0.8354	0.9587
75.9	0.9448	0.9372	0.9650	0.3261	0.9694	0.9539	0.7786	0.9469
76.0	0.9515	0.9427	0.9674	0.3617	0.9767	0.9580	0.8226	0.9480
76.1	0.9616	0.9470	0.9707	0.3051	0.9777	0.9564	0.8415	0.9560
76.2	0.9425	0.9438	0.9691	0.3276	0.9778	0.9480	0.8693	0.9562
76.3	0.9460	0.9445	0.9618	0.3068	0.9740	0.9468	0.8724	0.9532
76.4	0.9489	0.9475	0.9626	0.2973	0.9797	0.9446	0.8739	0.9537
76.5	0.9559	0.9502	0.9701	0.4885	0.9796	0.9588	0.8819	0.9576
76.6	0.9624	0.9638	0.9762	0.1611	0.9805	0.9619	0.9132	0.9775
76.7	0.9519	0.9571	0.9643	0.4303	0.9770	0.9496	0.9163	0.9690

76.8	0.9574	0.9641	0.9653	0.3506	0.9803	0.9657	0.9167	0.9719
76.9	0.9626	0.9568	0.9668	0.3378	0.9826	0.9709	0.8986	0.9723
77.0	0.9585	0.9524	0.9646	0.2806	0.9832	0.9728	0.9102	0.9629
77.1	0.9583	0.9499	0.9649	0.3296	0.9770	0.9752	0.9000	0.9639
77.2	0.9556	0.9419	0.9671	0.2067	0.9746	0.9690	0.9040	0.9661
77.3	0.9543	0.9538	0.9602	0.3733	0.9780	0.9788	0.9197	0.9695
77.4	0.9667	0.9655	0.9605	0.4304	0.9833	0.9858	0.9404	0.9823
77.5	0.9711	0.9634	0.9524	0.4006	0.9802	0.9770	0.9301	0.9790
77.6	0.9668	0.9512	0.9575	0.3903	0.9811	0.9779	0.9375	0.9794
77.7	0.9658	0.9641	0.9718	0.3487	0.9814	0.9856	0.9561	0.9823
77.8	0.9712	0.9608	0.9669	0.3239	0.9830	0.9798	0.9546	0.9776
77.9	0.9668	0.9439	0.9575	0.3261	0.9740	0.9797	0.9303	0.9692
78.0	0.9625	0.9323	0.9647	0.3884	0.9796	0.9822	0.9319	0.9723
78.1	0.9657	0.9256	0.9573	0.3093	0.9775	0.9787	0.9321	0.9771
78.2	0.9459	0.8948	0.9328	0.3509	0.9699	0.9714	0.9025	0.9687
78.3	0.9541	0.9149	0.9398	0.1926	0.9729	0.9817	0.9317	0.9767
78.4	0.9654	0.9500	0.9631	0.4006	0.9824	0.9864	0.9645	0.9856
78.5	0.9569	0.9446	0.9632	0.5420	0.9768	0.9863	0.9501	0.9815
78.6	0.9641	0.9263	0.9512	0.3735	0.9762	0.9819	0.9423	0.9785
78.7	0.9660	0.9399	0.9603	0.4760	0.9774	0.9850	0.9496	0.9825
78.8	0.9605	0.9091	0.9559	0.2521	0.9625	0.9794	0.9474	0.9787
78.9	0.9719	0.8887	0.9485	0.4677	0.9676	0.9847	0.9357	0.9779
79.0	0.9607	0.9132	0.9514	0.2922	0.9709	0.9804	0.9239	0.9743
79.1	0.9397	0.9251	0.9628	0.4355	0.9669	0.9766	0.9365	0.9675
79.2	0.9555	0.9134	0.9639	0.4392	0.9643	0.9768	0.9295	0.9727
79.3	0.9574	0.8798	0.9476	0.3709	0.9643	0.9750	0.9013	0.9697
79.4	0.9539	0.8969	0.9520	0.4438	0.9710	0.9780	0.9337	0.9751
79.5	0.9657	0.9364	0.9646	0.4710	0.9691	0.9858	0.9456	0.9813
79.6	0.9679	0.9219	0.9610	0.4352	0.9628	0.9851	0.9208	0.9697
79.7	0.9703	0.9130	0.9687	0.3668	0.9705	0.9868	0.9210	0.9725
79.8	0.9718	0.9257	0.9730	0.5462	0.9770	0.9910	0.9270	0.9761
79.9	0.9619	0.9158	0.9611	0.3781	0.9692	0.9874	0.8884	0.9697
80.0	0.9565	0.9210	0.9612	0.3514	0.9675	0.9839	0.8805	0.9616

2.2.4 Run 1 – IP000 – Accels 25–32

In-plane shaking at 0°. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9730	0.9972	0.9986	0.9978	0.0482	0.9185	0.9651	0.9541
0.1	0.0036	0.0050	0.0638	0.0705	0.0006	0.0044	0.0186	0.0367
0.2	0.0057	0.0097	0.0029	0.0027	0.0115	0.0080	0.0190	0.0188
0.3	0.0021	0.0240	0.0037	0.0087	0.0798	0.0145	0.0201	0.0040
0.4	0.0006	0.0181	0.0004	0.0074	0.0126	0.0048	0.0071	0.0262
0.5	0.0212	0.0001	0.0004	0.0195	0.0040	0.0066	0.0058	0.0323
0.6	0.0132	0.0005	0.0123	0.0213	0.0022	0.0121	0.0120	0.0251
0.7	0.0039	0.0019	0.0026	0.0079	0.0117	0.0092	0.0025	0.0389
0.8	0.0119	0.1193	0.0016	0.0475	0.0854	0.0117	0.0030	0.0045
0.9	0.0568	0.2438	0.0281	0.0241	0.0027	0.0063	0.0141	0.0708
1.0	0.0067	0.4669	0.2531	0.0028	0.0123	0.0343	0.0014	0.0087
1.1	0.0003	0.7088	0.1650	0.0230	0.0005	0.0311	0.0170	0.0586
1.2	0.0098	0.9229	0.5276	0.0372	0.1083	0.0586	0.0035	0.0083
1.3	0.0269	0.8641	0.4776	0.0395	0.0705	0.0474	0.0301	0.0384
1.4	0.1086	0.9597	0.3868	0.0365	0.0949	0.0248	0.1252	0.0182
1.5	0.2434	0.9814	0.7869	0.1547	0.3902	0.0577	0.2616	0.2459
1.6	0.4674	0.9939	0.7983	0.0537	0.5794	0.0213	0.5911	0.1456
1.7	0.5876	0.9972	0.7245	0.2036	0.7399	0.1232	0.8473	0.2213
1.8	0.8494	0.9989	0.9139	0.5754	0.9345	0.3853	0.9564	0.5913
1.9	0.9545	0.9995	0.9613	0.8490	0.9831	0.5563	0.9897	0.8754
2.0	0.9784	0.9997	0.9841	0.9028	0.9942	0.8490	0.9962	0.9479
2.1	0.9666	0.9992	0.9655	0.9024	0.9910	0.8596	0.9941	0.9361
2.2	0.9386	0.9911	0.8515	0.7960	0.9758	0.5435	0.9799	0.5420
2.3	0.8672	0.9234	0.8136	0.7034	0.9169	0.1029	0.9149	0.3090
2.4	0.8944	0.9861	0.7027	0.7333	0.9776	0.0161	0.9795	0.6251
2.5	0.8585	0.9971	0.6323	0.6829	0.9871	0.2230	0.9910	0.7657
2.6	0.8752	0.9987	0.3941	0.6607	0.9896	0.3190	0.9914	0.8664
2.7	0.8452	0.9992	0.2399	0.6921	0.9932	0.3366	0.9949	0.9064
2.8	0.7720	0.9997	0.4266	0.7067	0.9965	0.5565	0.9966	0.9348
2.9	0.5515	0.9997	0.4887	0.5617	0.9958	0.5601	0.9972	0.9445
3.0	0.3102	0.9998	0.7724	0.4941	0.9971	0.6321	0.9979	0.9659
3.1	0.6101	0.9999	0.9064	0.3652	0.9981	0.7455	0.9989	0.9744
3.2	0.8409	0.9999	0.9324	0.1809	0.9983	0.8043	0.9986	0.9745
3.3	0.9027	0.9999	0.9099	0.0069	0.9976	0.7574	0.9988	0.9805
3.4	0.9200	0.9998	0.9148	0.0733	0.9962	0.7032	0.9971	0.9665
3.5	0.9283	0.9998	0.8887	0.2147	0.9944	0.6705	0.9969	0.9405
3.6	0.9500	0.9997	0.9064	0.3318	0.9952	0.6207	0.9968	0.9597
3.7	0.9559	0.9997	0.8885	0.2362	0.9941	0.6222	0.9964	0.9528
3.8	0.9691	0.9996	0.9030	0.5212	0.9949	0.6990	0.9956	0.9401
3.9	0.9730	0.9997	0.8980	0.5921	0.9929	0.6139	0.9922	0.9413
4.0	0.9715	0.9995	0.8671	0.6581	0.9901	0.6240	0.9917	0.9343
4.1	0.9767	0.9996	0.8494	0.6205	0.9909	0.6715	0.9890	0.9543
4.2	0.9778	0.9994	0.8597	0.6975	0.9883	0.6861	0.9861	0.9264
4.3	0.9692	0.9994	0.8462	0.7701	0.9840	0.6848	0.9862	0.9193
4.4	0.9739	0.9992	0.8629	0.7507	0.9845	0.7245	0.9860	0.9441
4.5	0.9811	0.9996	0.8995	0.8682	0.9892	0.6079	0.9876	0.9178
4.6	0.9815	0.9993	0.8794	0.8525	0.9865	0.4902	0.9847	0.9070
4.7	0.9828	0.9989	0.8594	0.7991	0.9810	0.4386	0.9740	0.8816
4.8	0.9763	0.9989	0.8315	0.7934	0.9799	0.4673	0.9695	0.8681
4.9	0.9823	0.9986	0.7966	0.7754	0.9670	0.5245	0.9627	0.8744
5.0	0.9769	0.9985	0.8438	0.8415	0.9586	0.5707	0.9510	0.8841
5.1	0.9846	0.9980	0.8191	0.8365	0.9669	0.6795	0.9414	0.9063
5.2	0.9870	0.9983	0.8332	0.8889	0.9697	0.7155	0.9543	0.9174
5.3	0.9843	0.9979	0.8322	0.8888	0.9636	0.7129	0.9447	0.8781
5.4	0.9885	0.9979	0.8560	0.9213	0.9694	0.7090	0.9546	0.9110
5.5	0.9920	0.9983	0.8325	0.8939	0.9728	0.8074	0.9623	0.9247
5.6	0.9901	0.9983	0.8757	0.9115	0.9708	0.7893	0.9631	0.9280
5.7	0.9917	0.9981	0.8066	0.8952	0.9723	0.8490	0.9710	0.9526
5.8	0.9944	0.9978	0.8499	0.8750	0.9759	0.8600	0.9722	0.9408
5.9	0.9925	0.9974	0.6635	0.9032	0.9699	0.8164	0.9649	0.9064
6.0	0.9896	0.9969	0.6837	0.8293	0.9813	0.8132	0.9735	0.8968
6.1	0.9899	0.9972	0.6865	0.8663	0.9705	0.7687	0.9602	0.8888
6.2	0.9917	0.9974	0.7622	0.8567	0.9691	0.8104	0.9576	0.8926
6.3	0.9911	0.9970	0.7335	0.9164	0.9684	0.8281	0.9664	0.9107
6.4	0.9857	0.9970	0.7491	0.8897	0.9573	0.6983	0.9547	0.8018
6.5	0.9542	0.9970	0.6550	0.8842	0.8809	0.4509	0.8838	0.6974
6.6	0.9849	0.9966	0.7778	0.9348	0.9665	0.6380	0.9487	0.7973
6.7	0.9866	0.9956	0.7271	0.9221	0.9643	0.6141	0.9440	0.7849
6.8	0.9788	0.9972	0.7287	0.9555	0.9775	0.6445	0.9552	0.7793
6.9	0.9834	0.9979	0.8041	0.9627	0.9806	0.7125	0.9702	0.8127
7.0	0.9884	0.9970	0.8369	0.9676	0.9766	0.6723	0.9700	0.8250
7.1	0.9942	0.9977	0.8332	0.9669	0.9688	0.6840	0.9784	0.8656
7.2	0.9978	0.9975	0.8949	0.9737	0.9673	0.8287	0.9851	0.9190
7.3	0.9985	0.9967	0.8842	0.9844	0.9592	0.9081	0.9822	0.9468
7.4	0.9986	0.9957	0.9080	0.9800	0.8242	0.8779	0.9480	0.9056
7.5	0.9982	0.9868	0.7907	0.9816	0.6330	0.7399	0.8058	0.6781
7.6	0.9979	0.9925	0.7129	0.9853	0.6868	0.5704	0.7124	0.2733
7.7	0.9987	0.9951	0.6788	0.9876	0.7240	0.4264	0.7792	0.0428
7.8	0.9989	0.9975	0.7894	0.9914	0.7579	0.5677	0.7655	0.0813
7.9	0.9986	0.9957	0.7879	0.9931	0.6811	0.2151	0.6880	0.0288

8.0	0.9990	0.9951	0.8232	0.9909	0.8267	0.6803	0.8047	0.5212
8.1	0.9986	0.9969	0.7648	0.9917	0.9012	0.4755	0.8781	0.4454
8.2	0.9982	0.9972	0.7226	0.9915	0.9052	0.0472	0.8997	0.2477
8.3	0.9982	0.9977	0.7362	0.9935	0.9258	0.0623	0.9075	0.3497
8.4	0.9985	0.9973	0.7593	0.9934	0.9270	0.0404	0.9188	0.4230
8.5	0.9988	0.9980	0.8226	0.9943	0.9584	0.0913	0.9450	0.4259
8.6	0.9985	0.9981	0.7997	0.9953	0.9765	0.4171	0.9650	0.6329
8.7	0.9988	0.9983	0.8306	0.9969	0.9745	0.1694	0.9606	0.4656
8.8	0.9985	0.9985	0.8795	0.9973	0.9823	0.5770	0.9717	0.4488
8.9	0.9988	0.9984	0.8943	0.9978	0.9884	0.8353	0.9786	0.7239
9.0	0.9978	0.9978	0.6676	0.9972	0.9841	0.8871	0.9834	0.8894
9.1	0.9966	0.9967	0.7671	0.9949	0.9819	0.8901	0.9783	0.9224
9.2	0.9964	0.9969	0.9129	0.9945	0.9882	0.8479	0.9785	0.7781
9.3	0.9969	0.9968	0.9346	0.9961	0.9933	0.6586	0.9917	0.5458
9.4	0.9980	0.9975	0.9506	0.9978	0.9962	0.7439	0.9948	0.4576
9.5	0.9984	0.9979	0.9577	0.9982	0.9968	0.4087	0.9964	0.0890
9.6	0.9979	0.9958	0.9326	0.9977	0.9953	0.0120	0.9949	0.4220
9.7	0.9988	0.9965	0.9403	0.9983	0.9956	0.2999	0.9950	0.4084
9.8	0.9989	0.9947	0.9127	0.9988	0.9940	0.3520	0.9917	0.4863
9.9	0.9987	0.9928	0.9075	0.9986	0.9933	0.4491	0.9896	0.3807
10.0	0.9987	0.9797	0.5299	0.9978	0.9801	0.1778	0.9695	0.0403
10.1	0.9990	0.9838	0.7823	0.9976	0.9786	0.1585	0.9687	0.1779
10.2	0.9991	0.9754	0.7609	0.9985	0.9746	0.5530	0.9546	0.4535
10.3	0.9991	0.9609	0.5319	0.9984	0.9525	0.6180	0.9376	0.6085
10.4	0.9992	0.9549	0.5337	0.9986	0.9551	0.5523	0.9235	0.4526
10.5	0.9991	0.9214	0.3206	0.9980	0.9345	0.2168	0.9076	0.1631
10.6	0.9985	0.8765	0.3474	0.9955	0.8911	0.1611	0.8509	0.0313
10.7	0.9988	0.9317	0.2928	0.9971	0.9283	0.2127	0.8720	0.1157
10.8	0.9989	0.9562	0.2543	0.9979	0.9506	0.3441	0.9195	0.2132
10.9	0.9984	0.9478	0.2413	0.9970	0.9522	0.2944	0.9411	0.0832
11.0	0.9990	0.9555	0.1194	0.9964	0.9578	0.2962	0.9185	0.0768
11.1	0.9992	0.9707	0.2239	0.9973	0.9447	0.2559	0.9254	0.1597
11.2	0.9991	0.9722	0.4328	0.9973	0.9235	0.2748	0.9272	0.1138
11.3	0.9988	0.9807	0.4495	0.9966	0.9022	0.1818	0.9217	0.1829
11.4	0.9984	0.9868	0.6268	0.9968	0.8929	0.1025	0.9494	0.0342
11.5	0.9987	0.9881	0.7229	0.9955	0.8915	0.0647	0.9569	0.1346
11.6	0.9985	0.9897	0.7357	0.9962	0.9505	0.0723	0.9495	0.0085
11.7	0.9981	0.9874	0.6462	0.9958	0.9473	0.0598	0.9390	0.0105
11.8	0.9978	0.9871	0.7024	0.9953	0.9601	0.1827	0.9474	0.0127
11.9	0.9981	0.9915	0.6335	0.9952	0.9447	0.0667	0.9499	0.0406
12.0	0.9978	0.9911	0.3614	0.9921	0.9418	0.0600	0.9434	0.0545
12.1	0.9979	0.9924	0.0963	0.9944	0.9527	0.0784	0.9463	0.0137
12.2	0.9968	0.9889	0.0390	0.9936	0.9541	0.1132	0.9225	0.0007
12.3	0.9975	0.9926	0.1945	0.9941	0.9512	0.2779	0.9177	0.0124
12.4	0.9976	0.9938	0.3635	0.9952	0.9384	0.2468	0.9169	0.1227
12.5	0.9973	0.9956	0.6054	0.9954	0.9391	0.2145	0.9260	0.0967
12.6	0.9976	0.9963	0.7521	0.9962	0.9353	0.3459	0.9298	0.3008
12.7	0.9980	0.9960	0.8166	0.9966	0.9356	0.3988	0.9443	0.3661
12.8	0.9977	0.9966	0.8639	0.9968	0.9247	0.3862	0.9015	0.4397
12.9	0.9973	0.9956	0.8702	0.9968	0.9038	0.2622	0.8574	0.4241
13.0	0.9978	0.9981	0.8848	0.9975	0.9184	0.4166	0.9017	0.6234
13.1	0.9970	0.9966	0.9089	0.9950	0.8786	0.4363	0.8822	0.6810
13.2	0.9969	0.9961	0.8855	0.9946	0.8658	0.3793	0.8225	0.5864
13.3	0.9969	0.9959	0.8996	0.9941	0.8680	0.3876	0.8450	0.7312
13.4	0.9955	0.9942	0.9311	0.9931	0.8405	0.5214	0.8542	0.7521
13.5	0.9962	0.9938	0.9109	0.9936	0.8507	0.4532	0.8362	0.6553
13.6	0.9956	0.9948	0.9261	0.9943	0.8370	0.4538	0.8097	0.6241
13.7	0.9924	0.9919	0.9190	0.9922	0.8450	0.4553	0.8012	0.6329
13.8	0.9892	0.9926	0.9320	0.9931	0.8792	0.4443	0.8281	0.6801
13.9	0.9915	0.9917	0.9289	0.9920	0.8625	0.3087	0.8172	0.5709
14.0	0.9908	0.9922	0.9075	0.9931	0.8849	0.5347	0.8602	0.7032
14.1	0.9926	0.9917	0.8867	0.9937	0.9105	0.6454	0.8862	0.7822
14.2	0.9910	0.9913	0.7998	0.9933	0.9319	0.7721	0.9105	0.8478
14.3	0.9910	0.9883	0.7138	0.9897	0.9460	0.7936	0.9112	0.8628
14.4	0.9920	0.9901	0.6407	0.9888	0.9563	0.7910	0.9051	0.8429
14.5	0.9937	0.9896	0.5283	0.9921	0.9439	0.8329	0.9242	0.8735
14.6	0.9905	0.9900	0.3801	0.9891	0.9137	0.7445	0.9029	0.8040
14.7	0.9913	0.9914	0.3307	0.9915	0.9282	0.7999	0.8983	0.8088
14.8	0.9923	0.9915	0.6194	0.9913	0.9202	0.8626	0.8749	0.8420
14.9	0.9909	0.9888	0.6552	0.9880	0.8857	0.8037	0.8925	0.8226
15.0	0.9914	0.9886	0.7388	0.9903	0.8914	0.8536	0.9174	0.8190
15.1	0.9907	0.9877	0.7750	0.9886	0.8868	0.8438	0.9225	0.8126
15.2	0.9915	0.9916	0.6482	0.9896	0.9054	0.8516	0.9133	0.7907
15.3	0.9929	0.9907	0.5427	0.9886	0.8847	0.8529	0.9043	0.8223
15.4	0.9915	0.9887	0.6105	0.9901	0.9020	0.8786	0.9090	0.8165
15.5	0.9902	0.9903	0.4994	0.9913	0.9166	0.8745	0.9255	0.8384
15.6	0.9919	0.9927	0.7137	0.9907	0.9427	0.8886	0.9447	0.8804
15.7	0.9909	0.9916	0.8013	0.9893	0.9550	0.9282	0.9474	0.9141
15.8	0.9889	0.9904	0.8615	0.9872	0.9568	0.9379	0.9472	0.8919
15.9	0.9854	0.9885	0.8536	0.9858	0.9494	0.9310	0.9366	0.8893
16.0	0.9867	0.9880	0.9036	0.9864	0.9643	0.9611	0.9513	0.9117
16.1	0.9861	0.9853	0.9216	0.9820	0.9514	0.9457	0.9358	0.9150
16.2	0.9838	0.9836	0.9220	0.9829	0.9365	0.9314	0.9394	0.8870
16.3	0.9775	0.9765	0.8807	0.9763	0.9265	0.9024	0.9409	0.8506
16.4	0.9794	0.9787	0.8768	0.9763	0.9576	0.9391	0.9575	0.9034
16.5	0.9788	0.9786	0.8756	0.9767	0.9617	0.9357	0.9597	0.9055

16.6	0.9716	0.9731	0.9276	0.9699	0.9511	0.9429	0.9587	0.9329
16.7	0.9740	0.9779	0.9478	0.9727	0.9563	0.9630	0.9578	0.9505
16.8	0.9700	0.9718	0.9405	0.9688	0.9442	0.9458	0.9429	0.8640
16.9	0.9653	0.9690	0.9440	0.9661	0.9165	0.9435	0.9167	0.8811
17.0	0.9781	0.9816	0.9614	0.9787	0.8758	0.9373	0.9086	0.8886
17.1	0.9866	0.9870	0.9567	0.9854	0.9673	0.9703	0.9745	0.9388
17.2	0.9869	0.9876	0.9777	0.9868	0.9585	0.9671	0.9448	0.9451
17.3	0.9879	0.9911	0.9795	0.9893	0.9182	0.9530	0.9426	0.8728
17.4	0.9907	0.9921	0.9794	0.9912	0.9696	0.9489	0.9831	0.7285
17.5	0.9924	0.9931	0.9822	0.9908	0.9711	0.9665	0.9776	0.7335
17.6	0.9932	0.9940	0.9881	0.9936	0.9850	0.9825	0.9843	0.9022
17.7	0.9957	0.9958	0.9891	0.9942	0.9817	0.9823	0.9834	0.7624
17.8	0.9957	0.9961	0.9878	0.9932	0.9794	0.9766	0.9772	0.0994
17.9	0.9967	0.9969	0.9903	0.9953	0.9739	0.9741	0.9807	0.5953
18.0	0.9967	0.9971	0.9919	0.9936	0.9665	0.9730	0.9723	0.6015
18.1	0.9971	0.9970	0.9933	0.9960	0.9768	0.9810	0.9770	0.7109
18.2	0.9968	0.9979	0.9949	0.9961	0.9715	0.9846	0.9627	0.7846
18.3	0.9970	0.9980	0.9961	0.9957	0.9748	0.9814	0.9692	0.7479
18.4	0.9957	0.9977	0.9954	0.9959	0.9714	0.9793	0.9779	0.6277
18.5	0.9961	0.9980	0.9964	0.9947	0.9715	0.9800	0.9772	0.6615
18.6	0.9912	0.9980	0.9966	0.9907	0.9640	0.9832	0.9642	0.8876
18.7	0.9960	0.9985	0.9976	0.9973	0.8601	0.9511	0.9698	0.9006
18.8	0.9968	0.9985	0.9965	0.9970	0.9424	0.9609	0.9548	0.8704
18.9	0.9963	0.9979	0.9958	0.9957	0.9476	0.9717	0.9597	0.8476
19.0	0.9976	0.9981	0.9950	0.9971	0.9601	0.9751	0.9711	0.8065
19.1	0.9981	0.9984	0.9962	0.9977	0.9769	0.9831	0.9817	0.8288
19.2	0.9981	0.9983	0.9959	0.9968	0.9769	0.9754	0.9824	0.7065
19.3	0.9982	0.9985	0.9955	0.9969	0.9769	0.9758	0.9839	0.4205
19.4	0.9984	0.9985	0.9954	0.9974	0.9814	0.9702	0.9884	0.0317
19.5	0.9984	0.9982	0.9945	0.9965	0.9833	0.9752	0.9851	0.0776
19.6	0.9980	0.9974	0.9934	0.9960	0.9797	0.9635	0.9765	0.5029
19.7	0.9975	0.9969	0.9946	0.9948	0.9796	0.9648	0.9714	0.6178
19.8	0.9983	0.9968	0.9952	0.9957	0.9803	0.9652	0.9808	0.7092
19.9	0.9973	0.9963	0.9919	0.9939	0.9703	0.9653	0.9765	0.7790
20.0	0.9968	0.9918	0.9871	0.9927	0.9611	0.9632	0.9768	0.7405
20.1	0.9968	0.9878	0.9860	0.9906	0.9667	0.9639	0.9775	0.7314
20.2	0.9971	0.9870	0.9867	0.9887	0.9621	0.9521	0.9812	0.4879
20.3	0.9958	0.9774	0.9806	0.9850	0.9435	0.9189	0.9618	0.3380
20.4	0.9955	0.9714	0.9795	0.9805	0.9436	0.9191	0.9460	0.4317
20.5	0.9942	0.9610	0.9791	0.9705	0.9301	0.8965	0.9173	0.5443
20.6	0.9945	0.9537	0.9786	0.9708	0.9314	0.8735	0.9244	0.5334
20.7	0.9964	0.9595	0.9822	0.9672	0.9345	0.8826	0.9423	0.6684
20.8	0.9949	0.9533	0.9804	0.9557	0.9192	0.9179	0.9315	0.7833
20.9	0.9945	0.9393	0.9720	0.9293	0.8600	0.8898	0.9274	0.7043
21.0	0.9933	0.9224	0.9609	0.9125	0.7941	0.8948	0.9337	0.7188
21.1	0.9923	0.9206	0.9706	0.9237	0.7576	0.8861	0.9222	0.6940
21.2	0.9902	0.9331	0.9654	0.8394	0.7673	0.9017	0.9265	0.6906
21.3	0.9917	0.9382	0.9653	0.8325	0.7392	0.9344	0.9428	0.7950
21.4	0.9873	0.9421	0.9493	0.8114	0.5306	0.8980	0.9066	0.7319
21.5	0.9899	0.9382	0.9544	0.7689	0.4986	0.8767	0.8484	0.6785
21.6	0.9926	0.9478	0.9586	0.7713	0.1749	0.8832	0.8556	0.6633
21.7	0.9926	0.9509	0.9369	0.7166	0.0841	0.8523	0.7532	0.6410
21.8	0.9902	0.9476	0.9249	0.7125	0.0346	0.7686	0.6649	0.5072
21.9	0.9857	0.9506	0.8924	0.7153	0.0922	0.7101	0.5621	0.3708
22.0	0.9873	0.9470	0.8933	0.7364	0.0917	0.5629	0.4974	0.2380
22.1	0.9843	0.9471	0.8601	0.7826	0.1537	0.5106	0.4974	0.2501
22.2	0.9850	0.9558	0.8672	0.8287	0.1715	0.4556	0.4116	0.2591
22.3	0.9687	0.9519	0.8557	0.8128	0.1053	0.4693	0.4759	0.2226
22.4	0.9393	0.9704	0.7923	0.6593	0.2780	0.4359	0.5923	0.2429
22.5	0.8884	0.9425	0.7629	0.6007	0.1242	0.2477	0.3700	0.1742
22.6	0.9497	0.9347	0.7292	0.6901	0.3230	0.4698	0.4554	0.3041
22.7	0.9725	0.9487	0.7184	0.7412	0.4041	0.3235	0.5268	0.2292
22.8	0.9787	0.9454	0.6713	0.7789	0.4992	0.4339	0.4189	0.2330
22.9	0.9865	0.9537	0.6527	0.7952	0.4524	0.4345	0.6044	0.0902
23.0	0.9808	0.9640	0.5957	0.7649	0.4838	0.4170	0.4635	0.3231
23.1	0.9789	0.9639	0.5701	0.7131	0.2115	0.2823	0.2284	0.1100
23.2	0.9777	0.9633	0.5854	0.7701	0.3341	0.4191	0.2215	0.2805
23.3	0.9838	0.9663	0.4966	0.7536	0.3190	0.2012	0.1646	0.3120
23.4	0.9844	0.9663	0.4997	0.7963	0.3488	0.3776	0.1471	0.2702
23.5	0.9844	0.9668	0.6379	0.7649	0.2037	0.2810	0.1730	0.2814
23.6	0.9854	0.9739	0.7056	0.7264	0.2484	0.2354	0.1298	0.3987
23.7	0.9808	0.9727	0.7074	0.7086	0.2052	0.1709	0.1681	0.2466
23.8	0.9775	0.9728	0.6832	0.7298	0.3122	0.3402	0.1331	0.0940
23.9	0.9721	0.9655	0.6307	0.6255	0.1575	0.2399	0.1353	0.1504
24.0	0.9673	0.9630	0.6243	0.5361	0.1301	0.3439	0.3116	0.2046
24.1	0.9622	0.9646	0.6450	0.4329	0.0793	0.3518	0.2010	0.0831
24.2	0.9786	0.9725	0.7580	0.4391	0.0684	0.4552	0.2328	0.2246
24.3	0.9671	0.9736	0.6319	0.5212	0.1461	0.4281	0.1486	0.1058
24.4	0.9658	0.9600	0.5964	0.3562	0.0502	0.3654	0.0265	0.1981
24.5	0.9794	0.9759	0.7861	0.5587	0.0415	0.4495	0.0066	0.4437
24.6	0.9679	0.9775	0.7351	0.6102	0.0421	0.5570	0.0245	0.4583
24.7	0.9608	0.9722	0.7050	0.6174	0.0000	0.6588	0.1915	0.5919
24.8	0.9587	0.9730	0.7202	0.7601	0.0098	0.3820	0.1926	0.6051
24.9	0.9563	0.9503	0.6548	0.7364	0.0218	0.3506	0.2089	0.5726
25.0	0.9485	0.9644	0.6212	0.6999	0.0319	0.2704	0.2991	0.5520
25.1	0.9251	0.9639	0.5998	0.6782	0.1319	0.3451	0.2705	0.5408

25.2	0.9393	0.9670	0.6597	0.6905	0.1913	0.1568	0.3520	0.6658
25.3	0.9125	0.9628	0.5072	0.6789	0.2106	0.2954	0.4486	0.6294
25.4	0.9008	0.9522	0.3896	0.6516	0.1041	0.2048	0.3917	0.6155
25.5	0.9494	0.9313	0.3989	0.7079	0.0325	0.0194	0.5107	0.6662
25.6	0.9518	0.9203	0.2658	0.6912	0.0338	0.0029	0.6441	0.5516
25.7	0.9558	0.9211	0.2513	0.7722	0.0814	0.0483	0.6714	0.6032
25.8	0.9537	0.8971	0.1690	0.7593	0.1350	0.2762	0.5910	0.4876
25.9	0.9670	0.8922	0.2618	0.7726	0.3262	0.1693	0.7046	0.5770
26.0	0.9629	0.8666	0.2250	0.7370	0.3440	0.1713	0.6346	0.4740
26.1	0.9594	0.8277	0.1409	0.7392	0.3216	0.3002	0.5694	0.4117
26.2	0.9653	0.8801	0.1267	0.7843	0.3283	0.5050	0.5990	0.4082
26.3	0.9700	0.8824	0.0364	0.7890	0.4439	0.6249	0.5105	0.3003
26.4	0.9780	0.8563	0.0400	0.7676	0.3060	0.3270	0.4838	0.0065
26.5	0.9563	0.7918	0.0009	0.7998	0.2317	0.1163	0.5918	0.0657
26.6	0.9679	0.8322	0.1109	0.8149	0.5056	0.3158	0.6024	0.0434
26.7	0.9821	0.7612	0.4036	0.7549	0.4478	0.3442	0.5547	0.0507
26.8	0.9602	0.6454	0.3504	0.6953	0.3963	0.2603	0.3284	0.1413
26.9	0.9491	0.7076	0.5442	0.7561	0.4127	0.2036	0.3215	0.1494
27.0	0.9649	0.6968	0.5311	0.7881	0.4155	0.3047	0.3172	0.0805
27.1	0.9629	0.5083	0.4505	0.7484	0.4015	0.1763	0.2543	0.1839
27.2	0.9593	0.2928	0.1669	0.6126	0.3695	0.0496	0.3138	0.2338
27.3	0.9609	0.2084	0.0566	0.6323	0.3667	0.0782	0.1630	0.2590
27.4	0.9682	0.1727	0.0084	0.5995	0.3673	0.0389	0.0586	0.2621
27.5	0.9468	0.1716	0.0009	0.4570	0.2548	0.0512	0.0185	0.2303
27.6	0.9282	0.1401	0.1555	0.3502	0.2114	0.0929	0.0231	0.1838
27.7	0.9383	0.1121	0.3471	0.3194	0.1713	0.1035	0.0056	0.1726
27.8	0.9385	0.1439	0.4806	0.3895	0.2650	0.0974	0.0411	0.3723
27.9	0.9240	0.0994	0.6268	0.3973	0.2310	0.1623	0.0670	0.2564
28.0	0.9246	0.1932	0.5094	0.2660	0.1510	0.0271	0.0642	0.2578
28.1	0.9096	0.3086	0.5043	0.2165	0.2018	0.0516	0.1546	0.1792
28.2	0.8660	0.2381	0.5232	0.3693	0.2907	0.0883	0.0808	0.1981
28.3	0.8417	0.2699	0.5657	0.2918	0.2046	0.0608	0.0699	0.2611
28.4	0.7844	0.2079	0.4955	0.0827	0.1416	0.0511	0.1776	0.1430
28.5	0.8036	0.2802	0.3828	0.0360	0.0631	0.0599	0.2992	0.1954
28.6	0.7590	0.3714	0.4608	0.0398	0.0790	0.0211	0.2549	0.1880
28.7	0.7206	0.3442	0.3803	0.0223	0.0696	0.1043	0.3426	0.2492
28.8	0.6504	0.2060	0.2769	0.0434	0.0481	0.1511	0.2257	0.1341
28.9	0.6174	0.2987	0.2133	0.1106	0.0384	0.0560	0.2856	0.2019
29.0	0.6159	0.3328	0.3422	0.1616	0.1080	0.1165	0.3171	0.1213
29.1	0.3905	0.1745	0.5447	0.0632	0.1254	0.0650	0.1666	0.1603
29.2	0.2537	0.1006	0.3219	0.1037	0.1557	0.0595	0.1072	0.2413
29.3	0.3311	0.1013	0.3994	0.1043	0.0251	0.0360	0.1546	0.0968
29.4	0.2230	0.0724	0.3719	0.1883	0.0554	0.0737	0.1860	0.0562
29.5	0.1779	0.1105	0.2593	0.1399	0.0659	0.0230	0.1356	0.0705
29.6	0.1016	0.0611	0.1837	0.0594	0.0936	0.0056	0.1306	0.0292
29.7	0.0731	0.0275	0.1451	0.0551	0.0551	0.0365	0.1202	0.0382
29.8	0.2036	0.1893	0.1129	0.1263	0.0386	0.0046	0.1119	0.0586
29.9	0.0714	0.1959	0.0746	0.0627	0.0394	0.0624	0.0382	0.0485
30.0	0.1232	0.2371	0.0229	0.0670	0.0166	0.0166	0.0151	0.0262
30.1	0.0356	0.2502	0.2283	0.0174	0.0113	0.0302	0.0238	0.0118
30.2	0.1399	0.2991	0.0787	0.0139	0.0059	0.0256	0.0406	0.0309
30.3	0.0585	0.2749	0.1024	0.0499	0.0049	0.0369	0.0944	0.0201
30.4	0.0578	0.4447	0.0683	0.0682	0.0033	0.0604	0.1030	0.0444
30.5	0.2192	0.4756	0.0959	0.0529	0.0085	0.0601	0.0769	0.0466
30.6	0.2724	0.4789	0.0748	0.1377	0.0004	0.0050	0.0296	0.0538
30.7	0.3819	0.6204	0.0120	0.1717	0.0091	0.1069	0.0176	0.0169
30.8	0.2567	0.5768	0.0019	0.0979	0.0054	0.0335	0.0152	0.0805
30.9	0.2146	0.5560	0.0089	0.0409	0.0174	0.0102	0.0318	0.0490
31.0	0.3875	0.6559	0.0044	0.0331	0.0585	0.0364	0.0556	0.0040
31.1	0.2761	0.6928	0.0051	0.0637	0.0206	0.0008	0.0845	0.0019
31.2	0.0879	0.5508	0.0093	0.0401	0.0232	0.0075	0.0403	0.0004
31.3	0.0381	0.2662	0.0102	0.0067	0.0006	0.0125	0.0355	0.0083
31.4	0.2264	0.5073	0.0215	0.0063	0.0051	0.0140	0.0026	0.0016
31.5	0.3971	0.7666	0.1018	0.1738	0.0735	0.0815	0.1118	0.0507
31.6	0.3102	0.7870	0.1626	0.2737	0.0088	0.0819	0.1678	0.0256
31.7	0.3579	0.7967	0.1953	0.3312	0.0207	0.0734	0.1475	0.0054
31.8	0.3319	0.8438	0.2560	0.3434	0.0918	0.0682	0.2920	0.0017
31.9	0.3870	0.8515	0.1247	0.2791	0.0347	0.0367	0.2353	0.0042
32.0	0.3390	0.8516	0.1016	0.3496	0.0397	0.0154	0.1951	0.0121
32.1	0.2216	0.8014	0.0562	0.3471	0.0113	0.0599	0.1916	0.0310
32.2	0.3668	0.7800	0.0279	0.3502	0.0062	0.1164	0.2413	0.0124
32.3	0.2433	0.8307	0.0820	0.4539	0.0029	0.0975	0.3061	0.0101
32.4	0.2990	0.8649	0.1039	0.4174	0.0132	0.1545	0.2419	0.0660
32.5	0.3011	0.8316	0.0122	0.3685	0.0130	0.1947	0.1879	0.0252
32.6	0.2455	0.9103	0.0083	0.5019	0.0206	0.2067	0.2439	0.0151
32.7	0.3252	0.9280	0.0236	0.5135	0.0116	0.1821	0.2861	0.0130
32.8	0.1803	0.8787	0.0122	0.3939	0.0363	0.2096	0.2964	0.0053
32.9	0.1570	0.9064	0.0248	0.5983	0.0040	0.3356	0.1953	0.0131
33.0	0.2208	0.9135	0.0550	0.6247	0.0245	0.2537	0.1813	0.0371
33.1	0.2878	0.9026	0.1664	0.6560	0.0716	0.2963	0.1994	0.0213
33.2	0.3551	0.9349	0.0488	0.7316	0.0260	0.3843	0.3349	0.0032
33.3	0.2454	0.9371	0.0416	0.6516	0.0508	0.2494	0.1871	0.0134
33.4	0.2732	0.9142	0.0052	0.6365	0.0034	0.2099	0.1490	0.0329
33.5	0.3284	0.9105	0.0107	0.6687	0.0159	0.1721	0.1725	0.0342
33.6	0.2369	0.8898	0.0258	0.5853	0.0981	0.1232	0.1117	0.0381
33.7	0.2922	0.8667	0.0108	0.4994	0.0553	0.0516	0.0582	0.0475

33.8	0.2630	0.9026	0.1028	0.6039	0.1058	0.0823	0.1082	0.0808
33.9	0.2837	0.8793	0.0702	0.6444	0.1593	0.0033	0.0595	0.0665
34.0	0.2968	0.8913	0.1224	0.6139	0.1096	0.0305	0.0573	0.1073
34.1	0.0842	0.8883	0.2105	0.4879	0.1049	0.0817	0.1895	0.2295
34.2	0.1217	0.8706	0.0742	0.5251	0.0929	0.1374	0.1904	0.0727
34.3	0.0652	0.9114	0.0184	0.6433	0.1932	0.2354	0.1185	0.0868
34.4	0.0128	0.9423	0.1510	0.7018	0.2066	0.3319	0.2819	0.2473
34.5	0.0049	0.9474	0.1218	0.7552	0.1977	0.3784	0.2618	0.3241
34.6	0.1087	0.9558	0.1861	0.8227	0.3974	0.3564	0.2173	0.2478
34.7	0.3041	0.9681	0.3597	0.8668	0.4695	0.3873	0.3175	0.4100
34.8	0.2811	0.9669	0.3512	0.8120	0.3941	0.3568	0.2488	0.3316
34.9	0.4117	0.9571	0.4659	0.7964	0.4605	0.3548	0.1215	0.3318
35.0	0.4711	0.9633	0.4676	0.8139	0.3334	0.3379	0.1990	0.3801
35.1	0.6024	0.9681	0.5920	0.8500	0.4081	0.3308	0.2591	0.4847
35.2	0.7098	0.9594	0.5201	0.8507	0.3441	0.2936	0.3056	0.5533
35.3	0.7577	0.9590	0.6460	0.8429	0.2517	0.3462	0.3496	0.4650
35.4	0.7778	0.9554	0.7654	0.8465	0.4180	0.2965	0.2077	0.4230
35.5	0.8106	0.9454	0.7355	0.8166	0.4514	0.2254	0.1218	0.3782
35.6	0.8900	0.9528	0.7258	0.8415	0.5154	0.2242	0.1817	0.4114
35.7	0.8936	0.9325	0.6521	0.8025	0.4870	0.2146	0.2564	0.3859
35.8	0.8969	0.9361	0.7241	0.8190	0.5641	0.3152	0.3323	0.4937
35.9	0.8876	0.9267	0.7033	0.8154	0.5641	0.3572	0.2725	0.4726
36.0	0.8449	0.9157	0.6288	0.7956	0.4439	0.3189	0.3834	0.4774
36.1	0.8628	0.9426	0.7516	0.8565	0.6104	0.5512	0.4556	0.6017
36.2	0.8890	0.9579	0.7822	0.8892	0.6420	0.6025	0.5504	0.6611
36.3	0.8443	0.9323	0.7009	0.8268	0.5297	0.4925	0.4028	0.5686
36.4	0.8286	0.9204	0.6324	0.8014	0.3894	0.3845	0.3961	0.4947
36.5	0.8732	0.9607	0.7230	0.8891	0.4884	0.5402	0.5770	0.6362
36.6	0.8917	0.9678	0.7380	0.9153	0.5499	0.6610	0.6979	0.7433
36.7	0.8949	0.9697	0.7596	0.9185	0.4351	0.6037	0.5652	0.6072
36.8	0.8786	0.9678	0.7664	0.9163	0.4181	0.5943	0.4833	0.5963
36.9	0.8598	0.9636	0.6936	0.9045	0.2899	0.5481	0.5168	0.5743
37.0	0.9009	0.9782	0.7757	0.9484	0.3154	0.6085	0.5679	0.5884
37.1	0.9056	0.9773	0.8123	0.9407	0.3708	0.6360	0.5678	0.6386
37.2	0.8935	0.9675	0.7820	0.9072	0.4641	0.5671	0.3802	0.5618
37.3	0.9022	0.9756	0.8092	0.9283	0.3055	0.6092	0.5418	0.6362
37.4	0.8382	0.9761	0.8001	0.8301	0.3617	0.3451	0.3711	0.6080
37.5	0.9281	0.9735	0.8391	0.9433	0.3838	0.7267	0.6053	0.7560
37.6	0.9307	0.9799	0.8653	0.9587	0.3484	0.8495	0.6715	0.7882
37.7	0.9403	0.9822	0.8839	0.9607	0.4876	0.8958	0.6811	0.7880
37.8	0.9247	0.9769	0.8601	0.9584	0.4949	0.9081	0.6358	0.7902
37.9	0.9311	0.9749	0.8763	0.9596	0.3779	0.9026	0.5609	0.7465
38.0	0.9091	0.9729	0.8025	0.9556	0.4451	0.9071	0.5538	0.7088
38.1	0.9004	0.9729	0.8069	0.9538	0.3846	0.9087	0.5320	0.7767
38.2	0.9357	0.9813	0.8646	0.9666	0.3598	0.9373	0.7095	0.8628
38.3	0.9451	0.9761	0.8000	0.9666	0.2633	0.9288	0.7105	0.8575
38.4	0.9234	0.9643	0.7462	0.9552	0.2381	0.9157	0.7259	0.8247
38.5	0.9076	0.9684	0.7517	0.9602	0.3594	0.9329	0.7212	0.8122
38.6	0.9425	0.9779	0.8145	0.9699	0.3972	0.9569	0.7680	0.8127
38.7	0.9258	0.9749	0.7533	0.9709	0.3659	0.9429	0.6909	0.7902
38.8	0.9152	0.9678	0.7863	0.9581	0.4411	0.9338	0.6731	0.7939
38.9	0.9462	0.9763	0.8510	0.9724	0.4764	0.9471	0.7218	0.8183
39.0	0.9268	0.9728	0.8091	0.9595	0.4890	0.9507	0.6920	0.7724
39.1	0.9346	0.9827	0.8486	0.9693	0.3837	0.9660	0.7555	0.8442
39.2	0.9373	0.9821	0.8159	0.9716	0.4571	0.9470	0.7831	0.7919
39.3	0.9315	0.9780	0.8645	0.9714	0.3956	0.9537	0.6736	0.7378
39.4	0.8572	0.9798	0.8854	0.9683	0.2316	0.9315	0.6291	0.6649
39.5	0.8353	0.9723	0.8361	0.9662	0.2984	0.9472	0.5835	0.5794
39.6	0.8192	0.9797	0.8939	0.9785	0.3424	0.9618	0.7435	0.6987
39.7	0.6622	0.9822	0.8963	0.9807	0.3027	0.9710	0.7235	0.7175
39.8	0.4963	0.9821	0.9052	0.9751	0.3221	0.9648	0.7867	0.7366
39.9	0.5775	0.9835	0.9222	0.9810	0.3431	0.9688	0.8430	0.7830
40.0	0.3029	0.9821	0.9135	0.9802	0.4528	0.9650	0.7905	0.7627
40.1	0.5896	0.9805	0.8978	0.9765	0.3730	0.9536	0.8255	0.8133
40.2	0.6970	0.9779	0.8998	0.9660	0.4708	0.9299	0.7789	0.6982
40.3	0.8540	0.9844	0.9265	0.9768	0.5419	0.9577	0.8704	0.7848
40.4	0.8741	0.9839	0.9041	0.9750	0.4803	0.9451	0.8832	0.7671
40.5	0.8992	0.9850	0.9103	0.9748	0.4345	0.9568	0.8743	0.7400
40.6	0.9286	0.9854	0.9123	0.9746	0.5824	0.9648	0.8905	0.7367
40.7	0.9355	0.9852	0.8965	0.9792	0.5338	0.9534	0.8743	0.7348
40.8	0.9393	0.9872	0.9416	0.9795	0.5608	0.9625	0.9210	0.8097
40.9	0.9457	0.9867	0.9459	0.9791	0.6665	0.9521	0.9068	0.7786
41.0	0.9553	0.9858	0.9181	0.9766	0.5785	0.9278	0.8788	0.7320
41.1	0.9601	0.9881	0.9259	0.9768	0.6230	0.9463	0.9117	0.7874
41.2	0.9642	0.9915	0.9493	0.9825	0.7372	0.9508	0.9332	0.8352
41.3	0.9543	0.9921	0.9526	0.9825	0.7499	0.9560	0.9029	0.8235
41.4	0.9070	0.9790	0.9225	0.9740	0.6787	0.9395	0.9035	0.7296
41.5	0.9145	0.9886	0.9563	0.9743	0.7274	0.9459	0.8980	0.7580
41.6	0.9156	0.9939	0.9579	0.9799	0.8465	0.9585	0.9212	0.8359
41.7	0.9409	0.9929	0.9462	0.9831	0.8204	0.9683	0.9324	0.8120
41.8	0.9447	0.9947	0.9590	0.9844	0.8597	0.9693	0.9129	0.7794
41.9	0.9284	0.9927	0.9623	0.9768	0.8516	0.9641	0.9098	0.7937
42.0	0.9283	0.9941	0.9604	0.9832	0.8845	0.9508	0.9326	0.7798
42.1	0.8834	0.9952	0.9759	0.9829	0.8729	0.9610	0.9262	0.8110
42.2	0.8915	0.9911	0.9463	0.9728	0.8207	0.9559	0.8970	0.6675
42.3	0.9226	0.9916	0.9488	0.9741	0.8398	0.9543	0.8681	0.6975

42.4	0.9111	0.9950	0.9625	0.9785	0.8650	0.9616	0.9023	0.8027
42.5	0.9003	0.9934	0.9604	0.9754	0.8068	0.9655	0.9078	0.8563
42.6	0.8897	0.9955	0.9637	0.9836	0.7997	0.9546	0.9033	0.8446
42.7	0.8830	0.9959	0.9712	0.9843	0.7926	0.9540	0.9068	0.8493
42.8	0.8180	0.9955	0.9669	0.9801	0.8190	0.9682	0.9354	0.8620
42.9	0.8339	0.9958	0.9635	0.9786	0.8537	0.9571	0.9474	0.9160
43.0	0.7975	0.9954	0.9574	0.9780	0.8553	0.9284	0.9284	0.8689
43.1	0.6379	0.9955	0.9787	0.9796	0.8060	0.9316	0.9114	0.8545
43.2	0.6814	0.9951	0.9758	0.9776	0.8408	0.9547	0.9162	0.8537
43.3	0.3063	0.9953	0.9747	0.9742	0.8463	0.9618	0.9411	0.8883
43.4	0.6849	0.9959	0.9682	0.9707	0.8747	0.9429	0.9564	0.8882
43.5	0.7612	0.9946	0.9425	0.9666	0.9054	0.9106	0.9174	0.7719
43.6	0.8963	0.9935	0.9546	0.9586	0.9134	0.9096	0.9098	0.8166
43.7	0.9326	0.9959	0.9630	0.9696	0.9096	0.9159	0.8974	0.8516
43.8	0.9189	0.9950	0.9624	0.9705	0.9395	0.9266	0.9061	0.7918
43.9	0.8937	0.9950	0.9665	0.9748	0.9129	0.9099	0.8985	0.8378
44.0	0.7180	0.9946	0.9720	0.9703	0.9236	0.9250	0.9024	0.8666
44.1	0.8978	0.9951	0.9543	0.9690	0.8869	0.8361	0.8677	0.7731
44.2	0.8899	0.9965	0.9655	0.9741	0.9032	0.8296	0.9056	0.7401
44.3	0.9562	0.9955	0.9619	0.9718	0.9353	0.8714	0.9285	0.7506
44.4	0.9566	0.9967	0.9663	0.9752	0.9374	0.8586	0.8412	0.7203
44.5	0.9041	0.9963	0.9641	0.9767	0.9159	0.7808	0.8440	0.7723
44.6	0.8234	0.9956	0.9578	0.9790	0.9074	0.7548	0.8467	0.6895
44.7	0.8403	0.9967	0.9672	0.9806	0.9046	0.8341	0.8693	0.6501
44.8	0.8972	0.9965	0.9714	0.9710	0.8876	0.8163	0.8643	0.7193
44.9	0.9040	0.9957	0.9729	0.9630	0.9062	0.6816	0.8347	0.5401
45.0	0.9569	0.9952	0.9451	0.9543	0.9087	0.6347	0.8542	0.5687
45.1	0.8811	0.9966	0.9388	0.9685	0.9085	0.5877	0.6624	0.3065
45.2	0.8382	0.9964	0.9370	0.9639	0.9143	0.6109	0.7138	0.4510
45.3	0.9277	0.9962	0.9365	0.9496	0.8617	0.5034	0.7821	0.4672
45.4	0.9159	0.9958	0.8837	0.9423	0.8939	0.3820	0.5417	0.2461
45.5	0.8135	0.9958	0.9014	0.9332	0.8885	0.4734	0.6492	0.0865
45.6	0.9286	0.9967	0.9557	0.9549	0.8661	0.5703	0.8699	0.3536
45.7	0.9412	0.9978	0.9198	0.9588	0.9075	0.3537	0.8897	0.3217
45.8	0.7768	0.9966	0.9291	0.9119	0.8763	0.5300	0.8917	0.1486
45.9	0.8905	0.9964	0.9124	0.9353	0.8682	0.5486	0.9230	0.2503
46.0	0.9189	0.9976	0.9501	0.9412	0.9049	0.3444	0.9342	0.2208
46.1	0.8627	0.9956	0.9253	0.9410	0.9173	0.3373	0.9411	0.1263
46.2	0.8629	0.9964	0.9257	0.9353	0.8639	0.5034	0.9633	0.2024
46.3	0.8631	0.9966	0.8926	0.9212	0.8704	0.4866	0.9617	0.1929
46.4	0.8882	0.9964	0.9049	0.9420	0.9186	0.5409	0.9616	0.2284
46.5	0.9035	0.9951	0.8256	0.8957	0.8300	0.4565	0.9522	0.1102
46.6	0.9236	0.9963	0.8113	0.8975	0.8578	0.7280	0.9644	0.2241
46.7	0.9455	0.9956	0.7588	0.8976	0.8426	0.7510	0.9661	0.1652
46.8	0.9577	0.9965	0.7443	0.8993	0.8828	0.7901	0.9663	0.2548
46.9	0.9707	0.9962	0.7819	0.9216	0.9291	0.8522	0.9698	0.3530
47.0	0.9580	0.9957	0.9051	0.9548	0.9057	0.8348	0.9577	0.2838
47.1	0.9561	0.9961	0.8702	0.9426	0.9064	0.8183	0.9610	0.3224
47.2	0.9613	0.9931	0.7886	0.9212	0.8337	0.8304	0.9521	0.3392
47.3	0.9835	0.9967	0.8872	0.9562	0.9098	0.9239	0.9686	0.5809
47.4	0.9831	0.9974	0.9336	0.9641	0.9294	0.9299	0.9643	0.4609
47.5	0.9807	0.9964	0.9095	0.9463	0.8990	0.9091	0.9555	0.5361
47.6	0.9819	0.9969	0.9356	0.9685	0.9217	0.9513	0.9673	0.5437
47.7	0.9811	0.9968	0.9249	0.9660	0.9041	0.9342	0.8646	0.5262
47.8	0.9596	0.9956	0.8869	0.9499	0.8412	0.9186	0.8628	0.5773
47.9	0.9804	0.9951	0.9148	0.9591	0.9110	0.9270	0.8754	0.6761
48.0	0.9566	0.9951	0.9447	0.9527	0.9136	0.9443	0.8726	0.5893
48.1	0.9591	0.9969	0.9522	0.9621	0.9276	0.9400	0.9026	0.6773
48.2	0.9691	0.9955	0.9454	0.9638	0.9482	0.9394	0.9275	0.7453
48.3	0.9650	0.9934	0.9080	0.9311	0.9073	0.9187	0.9145	0.7094
48.4	0.9591	0.9944	0.9128	0.9501	0.9303	0.9398	0.9312	0.7425
48.5	0.9492	0.9945	0.9362	0.9465	0.9290	0.9499	0.9442	0.7007
48.6	0.9427	0.9958	0.9479	0.9557	0.9440	0.9524	0.9625	0.7698
48.7	0.9563	0.9967	0.9638	0.9755	0.9513	0.9592	0.9662	0.7951
48.8	0.9144	0.9964	0.9612	0.9606	0.9181	0.9566	0.9548	0.7504
48.9	0.9288	0.9959	0.9336	0.9590	0.9137	0.9589	0.9289	0.7849
49.0	0.9597	0.9957	0.9467	0.9687	0.8866	0.9580	0.9409	0.7989
49.1	0.9532	0.9969	0.9493	0.9666	0.9209	0.9625	0.9297	0.8263
49.2	0.9645	0.9971	0.9636	0.9663	0.8689	0.9651	0.8886	0.7811
49.3	0.9564	0.9952	0.9410	0.9610	0.8038	0.9563	0.9055	0.7054
49.4	0.9712	0.9967	0.9570	0.9675	0.8420	0.9668	0.9378	0.7635
49.5	0.9787	0.9975	0.9611	0.9780	0.8053	0.9622	0.9079	0.7803
49.6	0.9719	0.9965	0.9673	0.9779	0.7542	0.9629	0.8939	0.7618
49.7	0.9706	0.9956	0.9766	0.9764	0.5391	0.9725	0.8789	0.7434
49.8	0.9720	0.9952	0.9649	0.9680	0.6539	0.9534	0.8669	0.6705
49.9	0.9733	0.9933	0.9339	0.9577	0.4444	0.9540	0.8511	0.6846
50.0	0.9840	0.9907	0.9124	0.9658	0.4490	0.9566	0.8589	0.7240
50.1	0.9821	0.9966	0.9541	0.9722	0.2512	0.9651	0.8003	0.7641
50.2	0.9759	0.9952	0.9663	0.9662	0.2285	0.9598	0.7597	0.6962
50.3	0.9837	0.9960	0.9720	0.9717	0.3739	0.9638	0.7321	0.6906
50.4	0.9900	0.9957	0.9659	0.9670	0.4177	0.9641	0.6759	0.7458
50.5	0.9909	0.9962	0.9533	0.9629	0.4454	0.9687	0.6577	0.7010
50.6	0.9924	0.9964	0.9403	0.9676	0.4656	0.9725	0.6324	0.8177
50.7	0.9847	0.9946	0.9443	0.9602	0.1722	0.9541	0.8124	0.8007
50.8	0.9855	0.9953	0.9653	0.9672	0.1923	0.9625	0.8735	0.7900
50.9	0.9899	0.9971	0.9656	0.9730	0.2963	0.9639	0.8810	0.8418

51.0	0.9907	0.9957	0.9488	0.9718	0.3693	0.9586	0.8608	0.8363
51.1	0.9881	0.9952	0.9272	0.9778	0.5226	0.9639	0.8739	0.7981
51.2	0.9904	0.9946	0.9403	0.9714	0.4228	0.9641	0.8903	0.8133
51.3	0.9914	0.9967	0.9464	0.9813	0.5343	0.9712	0.9359	0.8406
51.4	0.9917	0.9970	0.9451	0.9760	0.5776	0.9739	0.9255	0.8590
51.5	0.9921	0.9960	0.9380	0.9756	0.7088	0.9679	0.9117	0.8536
51.6	0.9908	0.9951	0.9316	0.9816	0.8077	0.9618	0.9262	0.9074
51.7	0.9901	0.9960	0.7494	0.9830	0.8015	0.9687	0.9305	0.8879
51.8	0.9910	0.9963	0.8699	0.9865	0.8506	0.9653	0.9552	0.9114
51.9	0.9920	0.9961	0.6876	0.9895	0.8905	0.9731	0.9716	0.9078
52.0	0.9862	0.9966	0.1124	0.9892	0.9027	0.9753	0.9742	0.9191
52.1	0.9883	0.9967	0.4314	0.9914	0.8788	0.9800	0.9828	0.9334
52.2	0.9721	0.9952	0.8466	0.9891	0.8265	0.9779	0.9803	0.9000
52.3	0.9817	0.9961	0.3039	0.9895	0.8542	0.9772	0.9786	0.9242
52.4	0.9840	0.9969	0.4766	0.9859	0.7056	0.9654	0.9727	0.9168
52.5	0.9830	0.9960	0.8222	0.9886	0.8290	0.9760	0.9813	0.9095
52.6	0.9851	0.9958	0.4933	0.9900	0.8393	0.9775	0.9870	0.9413
52.7	0.9804	0.9951	0.8039	0.9896	0.8894	0.9787	0.9808	0.9443
52.8	0.9805	0.9951	0.9246	0.9905	0.8876	0.9731	0.9793	0.9298
52.9	0.9730	0.9940	0.7822	0.9866	0.8367	0.9697	0.9770	0.9168
53.0	0.9534	0.9943	0.7627	0.9833	0.6997	0.9592	0.9622	0.9011
53.1	0.9720	0.9947	0.8823	0.9867	0.5860	0.9649	0.9352	0.9202
53.2	0.9743	0.9959	0.9289	0.9897	0.6083	0.9780	0.9257	0.9484
53.3	0.9557	0.9966	0.9419	0.9925	0.6823	0.9724	0.9541	0.9375
53.4	0.9451	0.9956	0.9207	0.9908	0.7060	0.9792	0.9610	0.8935
53.5	0.9558	0.9946	0.9478	0.9900	0.5509	0.9768	0.9425	0.9037
53.6	0.7757	0.9948	0.9821	0.9898	0.3893	0.9774	0.9390	0.9121
53.7	0.8759	0.9958	0.9614	0.9884	0.2276	0.9725	0.9370	0.9299
53.8	0.8221	0.9963	0.9695	0.9866	0.1616	0.9585	0.9397	0.9439
53.9	0.9279	0.9963	0.9727	0.9908	0.2803	0.9364	0.9446	0.9489
54.0	0.9647	0.9965	0.9637	0.9920	0.4787	0.9432	0.9515	0.9379
54.1	0.9703	0.9951	0.9018	0.9895	0.4783	0.9600	0.9591	0.9467
54.2	0.8715	0.9935	0.8687	0.9849	0.5191	0.9400	0.9525	0.9407
54.3	0.9519	0.9957	0.8135	0.9837	0.5651	0.9365	0.9367	0.9415
54.4	0.9289	0.9956	0.8131	0.9803	0.5285	0.9223	0.9377	0.9565
54.5	0.9342	0.9945	0.8996	0.9859	0.6378	0.9113	0.9320	0.9500
54.6	0.9414	0.9933	0.9231	0.9833	0.7699	0.8844	0.9441	0.9291
54.7	0.9637	0.9949	0.9502	0.9840	0.8040	0.8869	0.9430	0.9482
54.8	0.9687	0.9947	0.8595	0.9827	0.8780	0.8967	0.9414	0.9308
54.9	0.9357	0.9932	0.8550	0.9725	0.8023	0.8278	0.9332	0.9461
55.0	0.9740	0.9941	0.9209	0.9835	0.8430	0.8850	0.9551	0.9602
55.1	0.9796	0.9953	0.9414	0.9831	0.7980	0.8391	0.9638	0.9481
55.2	0.9764	0.9953	0.8867	0.9799	0.5990	0.7706	0.9647	0.9305
55.3	0.9779	0.9943	0.8339	0.9737	0.4887	0.7296	0.9692	0.9101
55.4	0.9794	0.9944	0.8538	0.9704	0.4127	0.7309	0.9693	0.9048
55.5	0.9802	0.9952	0.8241	0.9764	0.7377	0.7989	0.9775	0.9206
55.6	0.9788	0.9948	0.8566	0.9761	0.7806	0.7269	0.9791	0.9133
55.7	0.9788	0.9939	0.9025	0.9761	0.7683	0.4771	0.9757	0.9144
55.8	0.9841	0.9941	0.9220	0.9784	0.7982	0.4890	0.9776	0.9102
55.9	0.9841	0.9935	0.8948	0.9758	0.8576	0.5931	0.9734	0.8874
56.0	0.9789	0.9915	0.8812	0.9657	0.8141	0.6921	0.9657	0.8711
56.1	0.9793	0.9914	0.8659	0.9601	0.8009	0.6872	0.9594	0.8723
56.2	0.9854	0.9935	0.9088	0.9596	0.8821	0.6565	0.9600	0.9230
56.3	0.9881	0.9929	0.9081	0.9622	0.9150	0.6203	0.9682	0.9081
56.4	0.9883	0.9934	0.9314	0.9640	0.9244	0.5697	0.9673	0.9142
56.5	0.9903	0.9946	0.9514	0.9681	0.9221	0.5497	0.9710	0.9273
56.6	0.9903	0.9936	0.9631	0.9592	0.9154	0.5695	0.9673	0.8982
56.7	0.9917	0.9943	0.9477	0.9618	0.9136	0.5954	0.9708	0.9211
56.8	0.9904	0.9952	0.9492	0.9633	0.9367	0.5579	0.9643	0.9135
56.9	0.9917	0.9956	0.9432	0.9737	0.9227	0.5548	0.9604	0.8997
57.0	0.9927	0.9945	0.9440	0.9735	0.9312	0.6351	0.9523	0.8695
57.1	0.9887	0.9931	0.9394	0.9534	0.9023	0.4428	0.9286	0.8229
57.2	0.9869	0.9927	0.9296	0.9572	0.9290	0.5010	0.9244	0.8458
57.3	0.9799	0.9888	0.7506	0.9423	0.9249	0.1256	0.8856	0.8810
57.4	0.9848	0.9905	0.7555	0.9549	0.9378	0.1208	0.8739	0.8756
57.5	0.9836	0.9934	0.7095	0.9616	0.9288	0.1493	0.9000	0.8917
57.6	0.9827	0.9919	0.6719	0.9541	0.8988	0.2094	0.9008	0.8426
57.7	0.9823	0.9906	0.6503	0.9525	0.9042	0.3018	0.8882	0.7318
57.8	0.9800	0.9918	0.6356	0.9658	0.9217	0.2587	0.8951	0.8193
57.9	0.9817	0.9917	0.5619	0.9442	0.9254	0.2581	0.8663	0.8185
58.0	0.9848	0.9911	0.3494	0.9466	0.8836	0.2695	0.7968	0.7854
58.1	0.9807	0.9897	0.4939	0.9531	0.8772	0.2315	0.8736	0.7829
58.2	0.9791	0.9885	0.1553	0.9367	0.8821	0.0941	0.8724	0.8024
58.3	0.9788	0.9862	0.4033	0.9304	0.8558	0.1128	0.7784	0.7426
58.4	0.9870	0.9925	0.5530	0.9484	0.9356	0.1435	0.8351	0.8308
58.5	0.9856	0.9888	0.1516	0.9519	0.8843	0.3764	0.8519	0.8488
58.6	0.9806	0.9849	0.4210	0.9474	0.8516	0.3201	0.7524	0.7429
58.7	0.9873	0.9876	0.3756	0.9456	0.7838	0.3544	0.7368	0.7407
58.8	0.9825	0.9820	0.6108	0.9432	0.7205	0.3867	0.7397	0.6744
58.9	0.9843	0.9818	0.6752	0.9467	0.5550	0.4291	0.5874	0.6280
59.0	0.9805	0.9780	0.4997	0.8968	0.0104	0.2581	0.1698	0.0695
59.1	0.9857	0.9740	0.5865	0.8636	0.1217	0.0832	0.2070	0.1217
59.2	0.9894	0.9805	0.7264	0.9319	0.3320	0.4310	0.6770	0.1526
59.3	0.9869	0.9745	0.6616	0.9414	0.5044	0.4198	0.8462	0.0784
59.4	0.9838	0.9617	0.7169	0.9489	0.5979	0.4225	0.8573	0.0161
59.5	0.9844	0.9624	0.5003	0.9473	0.6671	0.4716	0.8776	0.1752

59.6	0.9889	0.9506	0.6355	0.9345	0.7671	0.4059	0.9171	0.3788
59.7	0.9855	0.8843	0.4616	0.9086	0.6658	0.4664	0.7505	0.3911
59.8	0.9866	0.7657	0.2624	0.8758	0.1697	0.1132	0.6176	0.3728
59.9	0.9769	0.4394	0.0424	0.6439	0.1333	0.2175	0.2530	0.3060
60.0	0.9017	0.0971	0.0524	0.0533	0.6357	0.0877	0.8063	0.1493
60.1	0.9839	0.6192	0.1961	0.6115	0.8538	0.3611	0.9408	0.6778
60.2	0.9844	0.8001	0.4446	0.8839	0.9155	0.5517	0.9493	0.7438
60.3	0.9875	0.9004	0.6498	0.9210	0.9404	0.6214	0.9564	0.8113
60.4	0.9871	0.9345	0.7523	0.9130	0.9434	0.5288	0.9690	0.8146
60.5	0.9873	0.9520	0.8195	0.9351	0.9592	0.7347	0.9740	0.8784
60.6	0.9832	0.9580	0.8172	0.9400	0.9597	0.7442	0.9722	0.8933
60.7	0.9862	0.9694	0.8781	0.9201	0.9741	0.8084	0.9712	0.9384
60.8	0.9839	0.9796	0.8889	0.9422	0.9803	0.8392	0.9716	0.9353
60.9	0.9828	0.9785	0.9151	0.9332	0.9792	0.8012	0.9669	0.9284
61.0	0.9857	0.9843	0.9267	0.9493	0.9773	0.6978	0.9648	0.9248
61.1	0.9833	0.9843	0.9288	0.9334	0.9690	0.6510	0.9534	0.8750
61.2	0.9883	0.9869	0.9551	0.9512	0.9723	0.7202	0.9632	0.9084
61.3	0.9886	0.9864	0.9489	0.9513	0.9724	0.5607	0.9627	0.8968
61.4	0.9817	0.9812	0.9471	0.9367	0.9619	0.5312	0.9595	0.8468
61.5	0.9888	0.9903	0.9627	0.9561	0.9718	0.7374	0.9656	0.8933
61.6	0.9904	0.9907	0.9704	0.9615	0.9730	0.7143	0.9719	0.9303
61.7	0.9879	0.9904	0.9717	0.9636	0.9709	0.6577	0.9595	0.9184
61.8	0.9818	0.9843	0.9662	0.9505	0.9663	0.6002	0.9508	0.8692
61.9	0.9808	0.9840	0.9620	0.9406	0.9637	0.6322	0.9545	0.8534
62.0	0.9826	0.9903	0.9682	0.9371	0.9646	0.7033	0.9530	0.8704
62.1	0.9819	0.9839	0.9781	0.9409	0.9733	0.7309	0.9581	0.8803
62.2	0.9855	0.9861	0.9817	0.9557	0.9749	0.8061	0.9614	0.9088
62.3	0.9860	0.9876	0.9758	0.9672	0.9683	0.7532	0.9656	0.9045
62.4	0.9868	0.9897	0.9816	0.9634	0.9658	0.7874	0.9659	0.8924
62.5	0.9873	0.9895	0.9817	0.9581	0.9709	0.8084	0.9531	0.9182
62.6	0.9887	0.9900	0.9884	0.9616	0.9697	0.8306	0.9705	0.9321
62.7	0.9882	0.9904	0.9842	0.9636	0.9667	0.8531	0.9719	0.9181
62.8	0.9852	0.9861	0.9818	0.9718	0.9653	0.8575	0.9676	0.9274
62.9	0.9847	0.9864	0.9869	0.9729	0.9583	0.8210	0.9636	0.9324
63.0	0.9861	0.9861	0.9824	0.9661	0.9560	0.8565	0.9625	0.9152
63.1	0.9842	0.9854	0.9829	0.9680	0.9661	0.8508	0.9648	0.9228
63.2	0.9805	0.9851	0.9850	0.9633	0.9708	0.8623	0.9644	0.9387
63.3	0.9849	0.9883	0.9868	0.9655	0.9700	0.8334	0.9552	0.9339
63.4	0.9858	0.9885	0.9893	0.9693	0.9762	0.8354	0.9600	0.9335
63.5	0.9817	0.9846	0.9844	0.9719	0.9723	0.8249	0.9584	0.9200
63.6	0.9858	0.9874	0.9854	0.9719	0.9801	0.8460	0.9600	0.9362
63.7	0.9843	0.9871	0.9857	0.9707	0.9762	0.8519	0.9637	0.9481
63.8	0.9850	0.9882	0.9837	0.9747	0.9747	0.8523	0.9572	0.9320
63.9	0.9854	0.9876	0.9858	0.9766	0.9674	0.8656	0.9583	0.9362
64.0	0.9857	0.9868	0.9862	0.9771	0.9769	0.8991	0.9462	0.9361
64.1	0.9853	0.9854	0.9852	0.9821	0.9685	0.8604	0.9461	0.9419
64.2	0.9872	0.9871	0.9823	0.9810	0.9751	0.8590	0.9572	0.9364
64.3	0.9842	0.9872	0.9822	0.9764	0.9719	0.8791	0.9455	0.9332
64.4	0.9783	0.9814	0.9830	0.9752	0.9579	0.8776	0.9366	0.9191
64.5	0.9845	0.9858	0.9839	0.9828	0.9674	0.8568	0.9323	0.9076
64.6	0.9866	0.9883	0.9789	0.9836	0.9731	0.8434	0.9106	0.8779
64.7	0.9824	0.9830	0.9795	0.9842	0.9689	0.8888	0.8873	0.8610
64.8	0.9850	0.9865	0.9818	0.9796	0.9670	0.8634	0.8765	0.8343
64.9	0.9852	0.9872	0.9791	0.9821	0.9613	0.8944	0.8932	0.8744
65.0	0.9875	0.9883	0.9784	0.9882	0.9694	0.9023	0.9174	0.8727
65.1	0.9868	0.9877	0.9741	0.9856	0.9658	0.8644	0.9022	0.8653
65.2	0.9796	0.9820	0.9608	0.9788	0.9264	0.7951	0.8930	0.8510
65.3	0.9826	0.9827	0.9536	0.9845	0.9417	0.8411	0.9129	0.8976
65.4	0.9839	0.9841	0.9580	0.9835	0.9466	0.8464	0.9158	0.9028
65.5	0.9832	0.9854	0.9474	0.9841	0.9438	0.8113	0.9294	0.9270
65.6	0.9890	0.9897	0.9543	0.9869	0.9389	0.8509	0.9256	0.9369
65.7	0.9874	0.9863	0.9480	0.9851	0.9342	0.8638	0.9016	0.9269
65.8	0.9866	0.9853	0.9234	0.9811	0.9369	0.8162	0.9117	0.9345
65.9	0.9826	0.9830	0.9155	0.9804	0.9478	0.8426	0.9229	0.9458
66.0	0.9873	0.9859	0.8855	0.9840	0.9339	0.8579	0.9284	0.9467
66.1	0.9888	0.9887	0.9097	0.9847	0.9476	0.8653	0.9415	0.9367
66.2	0.9887	0.9886	0.9012	0.9867	0.9502	0.9155	0.9491	0.9596
66.3	0.9854	0.9833	0.8768	0.9866	0.9483	0.8938	0.9361	0.9477
66.4	0.9797	0.9795	0.8458	0.9800	0.9203	0.8523	0.9251	0.9177
66.5	0.9839	0.9838	0.8608	0.9851	0.9332	0.8843	0.9532	0.9292
66.6	0.9826	0.9813	0.8383	0.9845	0.9428	0.8883	0.9613	0.9346
66.7	0.9859	0.9838	0.7978	0.9854	0.9288	0.8886	0.9484	0.9308
66.8	0.9888	0.9887	0.7953	0.9870	0.9313	0.8973	0.9502	0.9442
66.9	0.9836	0.9819	0.7045	0.9801	0.9005	0.8618	0.9276	0.9296
67.0	0.9768	0.9725	0.6634	0.9752	0.8803	0.8248	0.9170	0.9080
67.1	0.9877	0.9853	0.7152	0.9863	0.9113	0.8609	0.9367	0.9529
67.2	0.9867	0.9843	0.6150	0.9851	0.8821	0.8663	0.9263	0.9376
67.3	0.9852	0.9829	0.4971	0.9800	0.8513	0.8105	0.8864	0.9035
67.4	0.9887	0.9864	0.4308	0.9831	0.8571	0.8351	0.9047	0.9056
67.5	0.9886	0.9853	0.4028	0.9855	0.8597	0.8719	0.9109	0.9064
67.6	0.9893	0.9872	0.4653	0.9854	0.8309	0.8705	0.9232	0.8961
67.7	0.9879	0.9859	0.4158	0.9859	0.8394	0.8790	0.9151	0.9151
67.8	0.9871	0.9841	0.3415	0.9852	0.8132	0.8478	0.9070	0.8999
67.9	0.9863	0.9842	0.4296	0.9873	0.8246	0.9054	0.9194	0.9097
68.0	0.9853	0.9839	0.3329	0.9851	0.8443	0.9015	0.9273	0.9283
68.1	0.9883	0.9866	0.4995	0.9850	0.8491	0.9042	0.9260	0.9435

68.2	0.9904	0.9873	0.5497	0.9890	0.8875	0.9130	0.9408	0.9521
68.3	0.9893	0.9861	0.5914	0.9883	0.9016	0.9157	0.9359	0.9423
68.4	0.9906	0.9884	0.6321	0.9875	0.9297	0.8717	0.9174	0.9379
68.5	0.9886	0.9838	0.6795	0.9836	0.8706	0.8420	0.8874	0.9195
68.6	0.9871	0.9841	0.7316	0.9839	0.8764	0.8578	0.8696	0.9265
68.7	0.9900	0.9861	0.7865	0.9881	0.9221	0.8786	0.8845	0.9262
68.8	0.9901	0.9861	0.8075	0.9875	0.9115	0.8659	0.8503	0.9117
68.9	0.9903	0.9856	0.8295	0.9884	0.9154	0.8524	0.8588	0.9109
69.0	0.9915	0.9871	0.8639	0.9892	0.9236	0.8351	0.8664	0.9101
69.1	0.9885	0.9824	0.8600	0.9862	0.9100	0.7916	0.8160	0.8807
69.2	0.9900	0.9824	0.8839	0.9891	0.9202	0.7682	0.8458	0.9125
69.3	0.9894	0.9810	0.8717	0.9870	0.8973	0.8098	0.8518	0.8810
69.4	0.9907	0.9828	0.8752	0.9845	0.9311	0.8203	0.8639	0.8394
69.5	0.9928	0.9874	0.9177	0.9889	0.9472	0.8740	0.9152	0.9108
69.6	0.9914	0.9849	0.8986	0.9881	0.9384	0.8486	0.8725	0.9241
69.7	0.9901	0.9832	0.8965	0.9793	0.9238	0.6104	0.7745	0.8763
69.8	0.9924	0.9855	0.9117	0.9830	0.9390	0.4680	0.8183	0.9127
69.9	0.9919	0.9801	0.8860	0.9861	0.9239	0.4007	0.8188	0.8760
70.0	0.9921	0.9611	0.8889	0.9846	0.9205	0.4557	0.8437	0.8816
70.1	0.9935	0.9845	0.9381	0.9861	0.9524	0.6228	0.8876	0.9052
70.2	0.9931	0.9836	0.9329	0.9809	0.9552	0.7306	0.8824	0.9228
70.3	0.9912	0.9798	0.9187	0.9789	0.9476	0.6853	0.8812	0.9115
70.4	0.9905	0.9763	0.9126	0.9794	0.9317	0.6290	0.8789	0.8927
70.5	0.9898	0.9785	0.9472	0.9810	0.9426	0.7643	0.8804	0.9456
70.6	0.9887	0.9763	0.9273	0.9784	0.9420	0.7560	0.8658	0.9208
70.7	0.9888	0.9759	0.9385	0.9739	0.9419	0.7836	0.8346	0.9170
70.8	0.9935	0.9832	0.9579	0.9832	0.9540	0.8635	0.8818	0.9468
70.9	0.9922	0.9779	0.9465	0.9854	0.9456	0.8300	0.8242	0.9315
71.0	0.9909	0.9827	0.9377	0.9826	0.9352	0.8136	0.7407	0.9093
71.1	0.9893	0.9794	0.9121	0.9816	0.9232	0.7823	0.7381	0.9136
71.2	0.9927	0.9848	0.9455	0.9817	0.9462	0.8185	0.8212	0.9260
71.3	0.9922	0.9799	0.9223	0.9850	0.9430	0.7740	0.7800	0.9083
71.4	0.9886	0.9695	0.9012	0.9833	0.9284	0.6862	0.7850	0.9057
71.5	0.9889	0.9730	0.9188	0.9802	0.9246	0.7058	0.8383	0.9075
71.6	0.9903	0.9783	0.9428	0.9805	0.9422	0.6867	0.8670	0.9261
71.7	0.9916	0.9827	0.9478	0.9868	0.9533	0.6229	0.9072	0.9401
71.8	0.9901	0.9796	0.9434	0.9846	0.9487	0.5733	0.8826	0.9144
71.9	0.9871	0.9741	0.9333	0.9781	0.9434	0.4680	0.8711	0.9160
72.0	0.9894	0.9737	0.9398	0.9767	0.9460	0.5096	0.9084	0.9014
72.1	0.9882	0.9680	0.9417	0.9752	0.9477	0.4870	0.8984	0.8894
72.2	0.9894	0.9723	0.9477	0.9807	0.9535	0.6577	0.9165	0.8923
72.3	0.9902	0.9786	0.9492	0.9846	0.9588	0.6645	0.9193	0.8838
72.4	0.9886	0.9767	0.9426	0.9796	0.9541	0.6404	0.9026	0.8335
72.5	0.9872	0.9790	0.9497	0.9807	0.9653	0.7546	0.9278	0.8299
72.6	0.9852	0.9813	0.9452	0.9788	0.9472	0.7965	0.9250	0.8360
72.7	0.9837	0.9814	0.9398	0.9768	0.9442	0.8000	0.9314	0.8461
72.8	0.9844	0.9784	0.9470	0.9797	0.9523	0.7795	0.9273	0.8374
72.9	0.9850	0.9831	0.9591	0.9807	0.9642	0.8020	0.9502	0.8328
73.0	0.9841	0.9787	0.9446	0.9732	0.9527	0.6951	0.9239	0.8224
73.1	0.9827	0.9800	0.9476	0.9732	0.9562	0.7287	0.9110	0.7426
73.2	0.9796	0.9718	0.9285	0.9739	0.9465	0.7585	0.9269	0.7425
73.3	0.9747	0.9677	0.9205	0.9741	0.9403	0.7043	0.9150	0.7509
73.4	0.9732	0.9715	0.9334	0.9725	0.9367	0.7549	0.9298	0.7234
73.5	0.9794	0.9816	0.9581	0.9750	0.9613	0.8421	0.9455	0.7771
73.6	0.9768	0.9769	0.9497	0.9766	0.9488	0.8390	0.9399	0.7591
73.7	0.9748	0.9747	0.9352	0.9674	0.9418	0.8123	0.9358	0.7544
73.8	0.9851	0.9783	0.9522	0.9617	0.9603	0.8503	0.9504	0.8127
73.9	0.9737	0.9762	0.9459	0.9423	0.9610	0.8148	0.9483	0.6864
74.0	0.9609	0.9781	0.9425	0.9584	0.9509	0.7835	0.9458	0.6980
74.1	0.9728	0.9843	0.9528	0.9609	0.9649	0.8452	0.9572	0.7948
74.2	0.9644	0.9835	0.9567	0.9637	0.9649	0.8380	0.9531	0.7654
74.3	0.9592	0.9870	0.9658	0.9501	0.9690	0.8487	0.9614	0.7371
74.4	0.9502	0.9765	0.9492	0.9163	0.9459	0.8129	0.9368	0.7233
74.5	0.9282	0.9706	0.9325	0.8916	0.9231	0.7193	0.9202	0.6430
74.6	0.9095	0.9752	0.9492	0.8939	0.9490	0.7643	0.9445	0.6705
74.7	0.9434	0.9831	0.9678	0.8934	0.9614	0.8374	0.9590	0.7615
74.8	0.9473	0.9873	0.9741	0.9073	0.9634	0.8583	0.9679	0.7642
74.9	0.9256	0.9868	0.9761	0.9224	0.9641	0.8484	0.9671	0.8350
75.0	0.9182	0.9844	0.9722	0.9195	0.9631	0.8400	0.9669	0.8515
75.1	0.8271	0.9826	0.9607	0.8686	0.9565	0.8402	0.9529	0.8250
75.2	0.7285	0.9795	0.9625	0.8103	0.9537	0.8554	0.9532	0.8081
75.3	0.7609	0.9805	0.9749	0.8166	0.9685	0.8525	0.9678	0.8464
75.4	0.6637	0.9825	0.9714	0.7869	0.9568	0.8605	0.9704	0.8805
75.5	0.4778	0.9844	0.9673	0.7178	0.9511	0.8061	0.9603	0.8657
75.6	0.3154	0.9766	0.9491	0.6759	0.9413	0.8272	0.9533	0.8700
75.7	0.2777	0.9804	0.9699	0.7717	0.9463	0.8634	0.9698	0.9034
75.8	0.1902	0.9811	0.9696	0.6911	0.9509	0.8657	0.9663	0.8928
75.9	0.1576	0.9798	0.9622	0.6376	0.9400	0.8831	0.9633	0.9123
76.0	0.2717	0.9816	0.9647	0.7150	0.9505	0.8755	0.9674	0.9242
76.1	0.3667	0.9818	0.9666	0.6988	0.9541	0.8687	0.9651	0.9046
76.2	0.4539	0.9777	0.9643	0.7800	0.9110	0.8725	0.9623	0.8924
76.3	0.4758	0.9768	0.9566	0.7995	0.8987	0.8002	0.9490	0.8936
76.4	0.5624	0.9791	0.9620	0.7617	0.9195	0.8420	0.9603	0.9080
76.5	0.6463	0.9696	0.9641	0.7739	0.9147	0.8925	0.9614	0.9176
76.6	0.7671	0.9790	0.9723	0.8181	0.9272	0.8639	0.9699	0.9187
76.7	0.7866	0.9756	0.9703	0.7761	0.9187	0.8818	0.9659	0.9110

76.8	0.8601	0.9837	0.9736	0.8470	0.9402	0.8904	0.9761	0.9391
76.9	0.8669	0.9836	0.9742	0.8800	0.9211	0.8745	0.9688	0.9316
77.0	0.8647	0.9800	0.9677	0.8706	0.9188	0.8670	0.9641	0.9288
77.1	0.8704	0.9788	0.9657	0.8560	0.8974	0.8478	0.9718	0.9295
77.2	0.8681	0.9726	0.9603	0.8638	0.8789	0.8556	0.9609	0.9252
77.3	0.9221	0.9790	0.9698	0.8946	0.8863	0.8562	0.9687	0.9422
77.4	0.9433	0.9808	0.9816	0.9223	0.9021	0.8407	0.9789	0.9461
77.5	0.9254	0.9758	0.9760	0.9168	0.9136	0.8576	0.9681	0.9297
77.6	0.9267	0.9773	0.9748	0.9223	0.8590	0.8308	0.9636	0.9375
77.7	0.9564	0.9820	0.9777	0.9239	0.8798	0.8375	0.9727	0.9492
77.8	0.9578	0.9796	0.9754	0.8981	0.8927	0.7972	0.9766	0.9563
77.9	0.9289	0.9706	0.9639	0.9053	0.8736	0.7453	0.9699	0.9467
78.0	0.9465	0.9747	0.9653	0.9175	0.9064	0.7573	0.9665	0.9359
78.1	0.9550	0.9662	0.9687	0.9058	0.9281	0.7488	0.9671	0.9466
78.2	0.9342	0.9519	0.9572	0.8747	0.9354	0.6002	0.9584	0.9146
78.3	0.9451	0.9611	0.9690	0.8981	0.9511	0.5982	0.9603	0.9301
78.4	0.9742	0.9741	0.9822	0.9375	0.9591	0.7658	0.9698	0.9468
78.5	0.9750	0.9720	0.9737	0.9472	0.9652	0.7301	0.9624	0.9351
78.6	0.9712	0.9663	0.9719	0.9340	0.9657	0.7110	0.9580	0.9415
78.7	0.9676	0.9701	0.9750	0.9456	0.9732	0.6309	0.9632	0.9415
78.8	0.9748	0.9591	0.9705	0.9412	0.9596	0.7027	0.9506	0.9214
78.9	0.9774	0.9645	0.9687	0.9404	0.9552	0.7089	0.9498	0.9253
79.0	0.9748	0.9582	0.9587	0.9306	0.9352	0.6201	0.9297	0.8750
79.1	0.9542	0.9632	0.9478	0.9496	0.9332	0.8027	0.9532	0.8807
79.2	0.9482	0.9632	0.9496	0.9494	0.9363	0.7251	0.9535	0.9192
79.3	0.9477	0.9451	0.9409	0.9215	0.9498	0.6698	0.9474	0.8807
79.4	0.9718	0.9548	0.9626	0.9337	0.9556	0.7784	0.9460	0.9087
79.5	0.9809	0.9699	0.9715	0.9514	0.9560	0.7507	0.9511	0.9286
79.6	0.9664	0.9680	0.9514	0.9411	0.9405	0.7435	0.9441	0.9109
79.7	0.9750	0.9670	0.9522	0.9516	0.9673	0.7834	0.9651	0.9430
79.8	0.9756	0.9730	0.9506	0.9584	0.9694	0.7982	0.9688	0.9440
79.9	0.9679	0.9650	0.9263	0.9418	0.9437	0.7689	0.9580	0.9239
80.0	0.9706	0.9582	0.9184	0.9486	0.9534	0.7738	0.9520	0.9431

2.2.5 Run 1 – IP000 – Accels 33–40

In-plane shaking at 0°. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.4575	0.6397	0.4374	0.4837	0.7365	0.2825	0.8986	0.9090
0.1	0.0096	0.0138	0.0427	0.0550	0.0665	0.0405	0.0916	0.0315
0.2	0.0147	0.0188	0.0076	0.0064	0.0176	0.0285	0.0031	0.0074
0.3	0.0083	0.0213	0.0036	0.0032	0.0219	0.0921	0.0120	0.0705
0.4	0.0017	0.0028	0.0123	0.0226	0.0670	0.0521	0.0139	0.0067
0.5	0.0737	0.0111	0.0175	0.0926	0.0316	0.1106	0.0431	0.0132
0.6	0.0022	0.0023	0.0012	0.0062	0.0116	0.0007	0.0060	0.0204
0.7	0.0125	0.0101	0.0003	0.0169	0.0024	0.0030	0.0025	0.0224
0.8	0.0248	0.0127	0.0043	0.0064	0.0127	0.0203	0.0496	0.0081
0.9	0.0203	0.0084	0.0061	0.1004	0.0003	0.0677	0.0104	0.0055
1.0	0.0291	0.0620	0.0173	0.0308	0.0293	0.0255	0.0733	0.0012
1.1	0.1221	0.1163	0.0185	0.1088	0.1132	0.0019	0.0205	0.0032
1.2	0.4461	0.2190	0.0423	0.2298	0.0824	0.0624	0.0377	0.0089
1.3	0.2614	0.3949	0.0600	0.3778	0.2838	0.0636	0.1028	0.0283
1.4	0.6762	0.3275	0.0986	0.7265	0.0908	0.0119	0.3621	0.0693
1.5	0.7351	0.7987	0.1966	0.9143	0.7323	0.0622	0.8135	0.0232
1.6	0.9720	0.7756	0.1964	0.9050	0.7725	0.2118	0.6025	0.0199
1.7	0.9887	0.5301	0.5434	0.9825	0.6445	0.4360	0.8512	0.0943
1.8	0.9964	0.5955	0.7930	0.9957	0.7899	0.7507	0.9636	0.0809
1.9	0.9989	0.7311	0.9279	0.9986	0.8653	0.9242	0.9915	0.1333
2.0	0.9995	0.9034	0.9666	0.9994	0.9207	0.9673	0.9967	0.2878
2.1	0.9988	0.9066	0.9587	0.9988	0.9085	0.9551	0.9959	0.1468
2.2	0.9914	0.7594	0.8904	0.9905	0.8671	0.8967	0.9838	0.3716
2.3	0.9222	0.5403	0.8206	0.9223	0.7414	0.8458	0.9241	0.2550
2.4	0.9858	0.2075	0.8692	0.9847	0.6275	0.8761	0.9841	0.2085
2.5	0.9965	0.2622	0.8168	0.9963	0.5113	0.8371	0.9927	0.3038
2.6	0.9980	0.5366	0.7928	0.9977	0.6328	0.8271	0.9945	0.1475
2.7	0.9988	0.7984	0.6868	0.9986	0.5812	0.7524	0.9961	0.3809
2.8	0.9995	0.8639	0.6590	0.9993	0.5700	0.7261	0.9974	0.3404
2.9	0.9995	0.9056	0.4415	0.9993	0.3835	0.4122	0.9977	0.4413
3.0	0.9996	0.9424	0.2278	0.9996	0.5469	0.2306	0.9984	0.3970
3.1	0.9998	0.9615	0.6276	0.9997	0.5682	0.4705	0.9989	0.5714
3.2	0.9998	0.9727	0.8733	0.9997	0.4134	0.8229	0.9991	0.5110
3.3	0.9998	0.9678	0.9093	0.9997	0.4100	0.9079	0.9988	0.4384
3.4	0.9996	0.9434	0.9068	0.9995	0.2060	0.9174	0.9985	0.3655
3.5	0.9995	0.9444	0.9237	0.9993	0.1010	0.9239	0.9981	0.4200
3.6	0.9994	0.9491	0.9468	0.9993	0.1607	0.9469	0.9979	0.2454
3.7	0.9993	0.9229	0.9581	0.9992	0.0462	0.9599	0.9975	0.1945
3.8	0.9992	0.9422	0.9682	0.9991	0.1085	0.9719	0.9967	0.2202
3.9	0.9993	0.9110	0.9680	0.9992	0.0335	0.9733	0.9960	0.3261
4.0	0.9989	0.8847	0.9680	0.9986	0.0042	0.9694	0.9928	0.2119
4.1	0.9991	0.8909	0.9749	0.9988	0.0338	0.9717	0.9932	0.1518
4.2	0.9988	0.8808	0.9755	0.9985	0.0090	0.9790	0.9908	0.1733
4.3	0.9986	0.8313	0.9742	0.9982	0.0124	0.9729	0.9884	0.2173
4.4	0.9979	0.8241	0.9766	0.9980	0.0420	0.9772	0.9886	0.1219
4.5	0.9986	0.9128	0.9782	0.9982	0.0168	0.9841	0.9908	0.0870
4.6	0.9982	0.8346	0.9865	0.9981	0.0124	0.9839	0.9861	0.1464
4.7	0.9975	0.8184	0.9781	0.9967	0.0002	0.9813	0.9797	0.0692
4.8	0.9974	0.7900	0.9763	0.9968	0.0112	0.9823	0.9817	0.2027
4.9	0.9966	0.7483	0.9802	0.9961	0.0009	0.9820	0.9688	0.1195
5.0	0.9965	0.7623	0.9803	0.9961	0.0540	0.9847	0.9579	0.0827
5.1	0.9957	0.7345	0.9864	0.9953	0.0034	0.9835	0.9538	0.0413
5.2	0.9964	0.8207	0.9874	0.9961	0.0211	0.9903	0.9647	0.2382
5.3	0.9961	0.7104	0.9873	0.9951	0.0056	0.9897	0.9551	0.0886
5.4	0.9955	0.7573	0.9875	0.9945	0.0469	0.9904	0.9634	0.0188
5.5	0.9961	0.7316	0.9884	0.9957	0.0508	0.9924	0.9680	0.4537
5.6	0.9962	0.7305	0.9900	0.9959	0.0336	0.9934	0.9676	0.6324
5.7	0.9969	0.8047	0.9923	0.9966	0.0357	0.9957	0.9727	0.7045
5.8	0.9955	0.8125	0.9937	0.9957	0.0382	0.9951	0.9756	0.7728
5.9	0.9950	0.7910	0.9913	0.9957	0.0300	0.9951	0.9680	0.7200
6.0	0.9940	0.7739	0.9888	0.9933	0.0036	0.9937	0.9787	0.6858
6.1	0.9941	0.7980	0.9893	0.9939	0.0188	0.9952	0.9741	0.5740
6.2	0.9946	0.8642	0.9912	0.9947	0.0263	0.9951	0.9697	0.6198
6.3	0.9945	0.8447	0.9923	0.9938	0.0305	0.9962	0.9753	0.4972
6.4	0.9945	0.7865	0.9883	0.9941	0.1273	0.9957	0.9653	0.2548
6.5	0.9939	0.6931	0.9574	0.9934	0.0167	0.9949	0.9058	0.4598
6.6	0.9937	0.7479	0.9812	0.9941	0.0159	0.9972	0.9663	0.6620
6.7	0.9935	0.7325	0.9782	0.9928	0.0063	0.9964	0.9660	0.6101
6.8	0.9944	0.7675	0.9789	0.9945	0.1203	0.9977	0.9764	0.6948
6.9	0.9966	0.7729	0.9808	0.9963	0.0612	0.9978	0.9833	0.7205
7.0	0.9946	0.6407	0.9885	0.9952	0.0098	0.9973	0.9818	0.8192
7.1	0.9955	0.6955	0.9943	0.9961	0.0425	0.9973	0.9845	0.8400
7.2	0.9957	0.7668	0.9977	0.9962	0.1804	0.9976	0.9881	0.8282
7.3	0.9957	0.4364	0.9983	0.9955	0.0826	0.9983	0.9878	0.8864
7.4	0.9928	0.6701	0.9986	0.9918	0.1355	0.9983	0.9747	0.8825
7.5	0.9859	0.8425	0.9981	0.9824	0.0740	0.9979	0.9390	0.6823
7.6	0.9900	0.8013	0.9978	0.9890	0.0208	0.9973	0.8933	0.4817
7.7	0.9929	0.7392	0.9988	0.9912	0.1133	0.9982	0.8887	0.1531
7.8	0.9961	0.6832	0.9988	0.9951	0.0188	0.9984	0.8457	0.0012
7.9	0.9933	0.5980	0.9987	0.9927	0.0211	0.9982	0.7399	0.0809

8.0	0.9919	0.6327	0.9990	0.9926	0.0633	0.9978	0.8481	0.7059
8.1	0.9951	0.3544	0.9984	0.9943	0.1072	0.9982	0.8584	0.6157
8.2	0.9948	0.6128	0.9984	0.9949	0.0317	0.9973	0.8582	0.6393
8.3	0.9954	0.6287	0.9983	0.9960	0.0329	0.9972	0.8565	0.7099
8.4	0.9948	0.5278	0.9985	0.9943	0.0744	0.9983	0.8610	0.7255
8.5	0.9960	0.4956	0.9987	0.9961	0.0475	0.9984	0.8948	0.6204
8.6	0.9962	0.5503	0.9986	0.9965	0.0503	0.9984	0.9182	0.6211
8.7	0.9964	0.6625	0.9989	0.9972	0.0858	0.9986	0.8966	0.5873
8.8	0.9971	0.7394	0.9986	0.9978	0.0769	0.9986	0.9003	0.5393
8.9	0.9966	0.6264	0.9988	0.9973	0.0002	0.9986	0.9018	0.9359
9.0	0.9964	0.6275	0.9978	0.9974	0.1331	0.9978	0.8933	0.9651
9.1	0.9944	0.8344	0.9966	0.9957	0.3538	0.9966	0.7172	0.9748
9.2	0.9957	0.8625	0.9964	0.9952	0.4398	0.9960	0.8686	0.8378
9.3	0.9955	0.9006	0.9969	0.9955	0.3131	0.9968	0.9271	0.9503
9.4	0.9960	0.9440	0.9980	0.9965	0.6222	0.9980	0.9301	0.9725
9.5	0.9957	0.9483	0.9984	0.9964	0.5719	0.9984	0.9322	0.9821
9.6	0.9875	0.8969	0.9979	0.9922	0.5305	0.9980	0.7773	0.9727
9.7	0.9829	0.9216	0.9988	0.9902	0.4163	0.9988	0.6894	0.9734
9.8	0.9698	0.9151	0.9988	0.9815	0.5080	0.9990	0.5316	0.9667
9.9	0.9642	0.8994	0.9987	0.9660	0.4511	0.9987	0.4176	0.9503
10.0	0.9453	0.7897	0.9988	0.9186	0.2131	0.9988	0.3788	0.8634
10.1	0.9692	0.8153	0.9989	0.9398	0.2577	0.9990	0.3954	0.7889
10.2	0.9785	0.7722	0.9991	0.9622	0.1702	0.9992	0.3610	0.7748
10.3	0.9805	0.7240	0.9991	0.9564	0.1423	0.9992	0.2340	0.7055
10.4	0.9839	0.8186	0.9992	0.9732	0.1254	0.9993	0.3483	0.6351
10.5	0.9860	0.6815	0.9990	0.9690	0.2811	0.9991	0.3746	0.5392
10.6	0.9792	0.6565	0.9985	0.9701	0.1529	0.9985	0.1373	0.5241
10.7	0.9884	0.7313	0.9990	0.9769	0.1556	0.9990	0.2412	0.4876
10.8	0.9893	0.6441	0.9988	0.9866	0.1063	0.9990	0.3952	0.3910
10.9	0.9879	0.6864	0.9983	0.9802	0.1455	0.9987	0.4745	0.3725
11.0	0.9855	0.6655	0.9991	0.9831	0.1970	0.9991	0.5828	0.2904
11.1	0.9898	0.7257	0.9991	0.9850	0.2086	0.9992	0.5696	0.1282
11.2	0.9901	0.6400	0.9991	0.9893	0.2504	0.9991	0.5756	0.1483
11.3	0.9894	0.7099	0.9989	0.9887	0.1176	0.9988	0.6209	0.1994
11.4	0.9919	0.7527	0.9985	0.9916	0.2032	0.9987	0.6125	0.3367
11.5	0.9921	0.7429	0.9984	0.9901	0.1626	0.9988	0.6373	0.3560
11.6	0.9919	0.5204	0.9986	0.9926	0.0903	0.9987	0.7457	0.2818
11.7	0.9917	0.4614	0.9980	0.9892	0.0134	0.9984	0.7344	0.1725
11.8	0.9925	0.3285	0.9978	0.9890	0.0638	0.9982	0.7454	0.2269
11.9	0.9910	0.1254	0.9978	0.9917	0.0082	0.9983	0.7400	0.2414
12.0	0.9921	0.1741	0.9974	0.9891	0.1139	0.9978	0.7511	0.1465
12.1	0.9929	0.2418	0.9978	0.9924	0.1033	0.9982	0.8273	0.1684
12.2	0.9893	0.2794	0.9966	0.9889	0.0194	0.9975	0.7781	0.1345
12.3	0.9897	0.5185	0.9979	0.9897	0.0572	0.9979	0.7936	0.2654
12.4	0.9937	0.7002	0.9974	0.9931	0.0417	0.9978	0.8182	0.2651
12.5	0.9937	0.7303	0.9969	0.9919	0.2619	0.9981	0.8497	0.2121
12.6	0.9951	0.7927	0.9973	0.9945	0.2058	0.9981	0.8454	0.0823
12.7	0.9952	0.8266	0.9978	0.9947	0.1721	0.9982	0.8418	0.0157
12.8	0.9923	0.8469	0.9980	0.9940	0.2146	0.9982	0.8105	0.0046
12.9	0.9942	0.8397	0.9978	0.9952	0.2776	0.9982	0.7443	0.1228
13.0	0.9963	0.8880	0.9983	0.9957	0.3119	0.9987	0.8010	0.2496
13.1	0.9948	0.8427	0.9977	0.9953	0.3282	0.9979	0.7369	0.3948
13.2	0.9966	0.8532	0.9973	0.9960	0.2093	0.9980	0.6676	0.4290
13.3	0.9957	0.8488	0.9971	0.9949	0.2232	0.9981	0.7163	0.5353
13.4	0.9941	0.8554	0.9957	0.9949	0.3292	0.9967	0.7092	0.5478
13.5	0.9947	0.8589	0.9966	0.9941	0.2537	0.9978	0.7221	0.5244
13.6	0.9952	0.8319	0.9966	0.9954	0.2194	0.9977	0.6621	0.5208
13.7	0.9943	0.8104	0.9952	0.9937	0.1112	0.9963	0.6613	0.4626
13.8	0.9938	0.8022	0.9931	0.9948	0.1477	0.9959	0.7205	0.5435
13.9	0.9945	0.6648	0.9928	0.9944	0.1903	0.9961	0.6406	0.4558
14.0	0.9965	0.7777	0.9935	0.9950	0.0893	0.9964	0.6570	0.4607
14.1	0.9949	0.8042	0.9944	0.9942	0.0674	0.9964	0.7436	0.5001
14.2	0.9955	0.8864	0.9932	0.9942	0.1091	0.9957	0.8187	0.5759
14.3	0.9952	0.9272	0.9933	0.9933	0.0446	0.9954	0.8243	0.6575
14.4	0.9947	0.8910	0.9928	0.9937	0.0875	0.9955	0.8797	0.7419
14.5	0.9939	0.9161	0.9952	0.9941	0.2551	0.9961	0.8801	0.6368
14.6	0.9925	0.8743	0.9923	0.9935	0.1370	0.9941	0.8226	0.6340
14.7	0.9940	0.9055	0.9918	0.9946	0.3608	0.9956	0.8855	0.7444
14.8	0.9954	0.9404	0.9943	0.9950	0.4267	0.9957	0.8723	0.8327
14.9	0.9934	0.9297	0.9907	0.9919	0.4964	0.9932	0.8655	0.8917
15.0	0.9932	0.9212	0.9915	0.9938	0.5513	0.9943	0.8994	0.8856
15.1	0.9900	0.9313	0.9907	0.9919	0.4532	0.9933	0.9197	0.8710
15.2	0.9926	0.9147	0.9918	0.9936	0.3687	0.9934	0.9129	0.8386
15.3	0.9925	0.8770	0.9899	0.9923	0.2472	0.9938	0.9070	0.8806
15.4	0.9919	0.8735	0.9901	0.9907	0.3733	0.9928	0.9155	0.8788
15.5	0.9917	0.8571	0.9875	0.9913	0.3963	0.9926	0.9340	0.8910
15.6	0.9941	0.8879	0.9889	0.9940	0.5456	0.9937	0.9520	0.9162
15.7	0.9916	0.8913	0.9853	0.9916	0.4967	0.9919	0.9590	0.9299
15.8	0.9898	0.9195	0.9794	0.9910	0.7049	0.9911	0.9651	0.9013
15.9	0.9881	0.8800	0.9733	0.9892	0.6996	0.9881	0.9583	0.8901
16.0	0.9882	0.9427	0.9789	0.9886	0.7850	0.9883	0.9702	0.8734
16.1	0.9869	0.9408	0.9771	0.9862	0.8152	0.9863	0.9677	0.8962
16.2	0.9837	0.9316	0.9715	0.9842	0.8208	0.9850	0.9541	0.9439
16.3	0.9770	0.9212	0.9728	0.9777	0.7823	0.9768	0.9530	0.9140
16.4	0.9785	0.9099	0.9790	0.9806	0.7988	0.9776	0.9701	0.9201
16.5	0.9802	0.9127	0.9766	0.9793	0.7222	0.9779	0.9683	0.9537

16.6	0.9747	0.9256	0.9737	0.9743	0.7509	0.9716	0.9631	0.9250
16.7	0.9788	0.9430	0.9745	0.9790	0.8528	0.9745	0.9667	0.8182
16.8	0.9752	0.9278	0.9733	0.9741	0.8616	0.9710	0.9605	0.2360
16.9	0.9694	0.9402	0.9729	0.9703	0.8391	0.9668	0.9432	0.6838
17.0	0.9815	0.9525	0.9825	0.9812	0.8649	0.9794	0.9556	0.5879
17.1	0.9872	0.9341	0.9884	0.9873	0.8464	0.9857	0.9757	0.7658
17.2	0.9884	0.9667	0.9876	0.9876	0.9399	0.9876	0.9708	0.8623
17.3	0.9906	0.9744	0.9896	0.9906	0.9350	0.9887	0.9749	0.9347
17.4	0.9923	0.9561	0.9922	0.9922	0.9233	0.9913	0.9860	0.6202
17.5	0.9930	0.9470	0.9913	0.9935	0.8917	0.9922	0.9833	0.8524
17.6	0.9937	0.9582	0.9927	0.9942	0.9185	0.9947	0.9900	0.9536
17.7	0.9960	0.9604	0.9953	0.9961	0.9096	0.9959	0.9901	0.9327
17.8	0.9965	0.9255	0.9946	0.9964	0.9128	0.9959	0.9893	0.8501
17.9	0.9964	0.9008	0.9958	0.9974	0.8970	0.9973	0.9881	0.9251
18.0	0.9972	0.8544	0.9959	0.9974	0.9060	0.9968	0.9856	0.9148
18.1	0.9972	0.8708	0.9971	0.9973	0.9107	0.9975	0.9882	0.9471
18.2	0.9981	0.6977	0.9968	0.9983	0.9092	0.9983	0.9862	0.9268
18.3	0.9978	0.4485	0.9969	0.9982	0.8761	0.9981	0.9891	0.9139
18.4	0.9975	0.5638	0.9963	0.9979	0.8949	0.9979	0.9867	0.8544
18.5	0.9981	0.8880	0.9967	0.9982	0.9229	0.9977	0.9876	0.8004
18.6	0.9982	0.9076	0.9964	0.9983	0.9428	0.9938	0.9855	0.9168
18.7	0.9982	0.8348	0.9978	0.9984	0.9554	0.9972	0.9827	0.9498
18.8	0.9982	0.5494	0.9975	0.9986	0.9552	0.9972	0.9868	0.9035
18.9	0.9980	0.8183	0.9973	0.9982	0.9288	0.9969	0.9841	0.8391
19.0	0.9982	0.9094	0.9980	0.9981	0.9394	0.9976	0.9850	0.8320
19.1	0.9982	0.9470	0.9985	0.9982	0.9404	0.9984	0.9891	0.8591
19.2	0.9983	0.9700	0.9982	0.9983	0.9254	0.9980	0.9896	0.7555
19.3	0.9984	0.9776	0.9981	0.9986	0.9465	0.9980	0.9898	0.6750
19.4	0.9983	0.9793	0.9984	0.9985	0.9352	0.9978	0.9923	0.5515
19.5	0.9979	0.9831	0.9984	0.9983	0.9507	0.9982	0.9926	0.2953
19.6	0.9965	0.9781	0.9978	0.9973	0.9383	0.9978	0.9882	0.1857
19.7	0.9960	0.9754	0.9970	0.9969	0.9378	0.9974	0.9868	0.0909
19.8	0.9953	0.9808	0.9981	0.9963	0.9642	0.9978	0.9911	0.4819
19.9	0.9944	0.9787	0.9973	0.9952	0.9434	0.9968	0.9844	0.6306
20.0	0.9919	0.9739	0.9966	0.9922	0.9409	0.9963	0.9825	0.7153
20.1	0.9902	0.9632	0.9961	0.9908	0.9283	0.9956	0.9858	0.8104
20.2	0.9908	0.9708	0.9963	0.9901	0.9219	0.9970	0.9811	0.8492
20.3	0.9847	0.9455	0.9950	0.9822	0.8989	0.9942	0.9711	0.8521
20.4	0.9836	0.9457	0.9940	0.9821	0.9178	0.9946	0.9672	0.8664
20.5	0.9802	0.9417	0.9925	0.9767	0.9068	0.9930	0.9531	0.8495
20.6	0.9765	0.9159	0.9934	0.9763	0.9229	0.9928	0.9600	0.8467
20.7	0.9805	0.9276	0.9951	0.9813	0.9113	0.9948	0.9651	0.8951
20.8	0.9809	0.8681	0.9928	0.9808	0.9299	0.9940	0.9529	0.9103
20.9	0.9763	0.8770	0.9922	0.9713	0.9010	0.9933	0.9372	0.9071
21.0	0.9698	0.8730	0.9925	0.9679	0.9142	0.9925	0.9136	0.8993
21.1	0.9724	0.8340	0.9910	0.9677	0.9191	0.9925	0.8898	0.8852
21.2	0.9658	0.8076	0.9874	0.9678	0.9263	0.9913	0.9004	0.8965
21.3	0.9719	0.8155	0.9901	0.9689	0.9277	0.9922	0.9064	0.9020
21.4	0.9731	0.7600	0.9842	0.9706	0.9271	0.9887	0.8374	0.8944
21.5	0.9723	0.8173	0.9875	0.9663	0.9306	0.9905	0.7951	0.8803
21.6	0.9775	0.8705	0.9916	0.9723	0.9302	0.9930	0.8275	0.8939
21.7	0.9771	0.8551	0.9918	0.9701	0.9241	0.9917	0.7584	0.8674
21.8	0.9731	0.8570	0.9897	0.9664	0.8997	0.9870	0.6370	0.8686
21.9	0.9751	0.8633	0.9870	0.9686	0.8854	0.9807	0.6097	0.7490
22.0	0.9731	0.8684	0.9885	0.9604	0.8700	0.9832	0.6178	0.6348
22.1	0.9728	0.8818	0.9860	0.9549	0.8548	0.9797	0.6419	0.5419
22.2	0.9740	0.8774	0.9867	0.9620	0.7966	0.9818	0.5547	0.3748
22.3	0.9776	0.8742	0.9757	0.9639	0.7901	0.9611	0.4328	0.2557
22.4	0.9778	0.8870	0.9678	0.9777	0.7164	0.9116	0.4412	0.2315
22.5	0.9659	0.7931	0.9234	0.9642	0.6583	0.8559	0.1458	0.3689
22.6	0.9692	0.8312	0.9625	0.9595	0.6337	0.9399	0.2042	0.5282
22.7	0.9655	0.8298	0.9774	0.9637	0.6168	0.9646	0.3641	0.6485
22.8	0.9660	0.7829	0.9842	0.9643	0.5128	0.9725	0.3188	0.6549
22.9	0.9701	0.7601	0.9885	0.9658	0.5231	0.9814	0.3669	0.7324
23.0	0.9774	0.7977	0.9847	0.9711	0.5385	0.9720	0.3986	0.7215
23.1	0.9711	0.7339	0.9849	0.9696	0.4456	0.9715	0.1134	0.7042
23.2	0.9756	0.6578	0.9795	0.9730	0.4978	0.9738	0.1542	0.7099
23.3	0.9749	0.6661	0.9826	0.9723	0.4385	0.9744	0.3023	0.6938
23.4	0.9698	0.6103	0.9807	0.9709	0.5421	0.9767	0.2492	0.7168
23.5	0.9744	0.5750	0.9831	0.9767	0.6055	0.9763	0.2953	0.7311
23.6	0.9793	0.4758	0.9804	0.9772	0.6149	0.9739	0.4414	0.6663
23.7	0.9763	0.2662	0.9728	0.9747	0.5324	0.9679	0.4219	0.5456
23.8	0.9769	0.1583	0.9674	0.9724	0.4101	0.9525	0.3961	0.6021
23.9	0.9729	0.1853	0.9685	0.9720	0.4241	0.9334	0.4836	0.5763
24.0	0.9759	0.1640	0.9412	0.9701	0.4231	0.9317	0.5104	0.3949
24.1	0.9750	0.1028	0.9450	0.9715	0.3620	0.9056	0.5637	0.4086
24.2	0.9799	0.1621	0.9638	0.9744	0.4160	0.9230	0.6399	0.5856
24.3	0.9741	0.0850	0.9645	0.9729	0.3642	0.9233	0.4228	0.4637
24.4	0.9752	0.1285	0.9504	0.9665	0.3172	0.9142	0.4034	0.3823
24.5	0.9794	0.1246	0.9679	0.9805	0.4307	0.9421	0.5434	0.5767
24.6	0.9803	0.0315	0.9708	0.9781	0.2685	0.9387	0.6330	0.6869
24.7	0.9805	0.0559	0.9639	0.9740	0.3225	0.9341	0.7074	0.4667
24.8	0.9672	0.1790	0.9660	0.9612	0.2748	0.9483	0.7839	0.5720
24.9	0.9669	0.2303	0.9604	0.9683	0.2075	0.9476	0.8075	0.5438
25.0	0.9632	0.1241	0.9562	0.9629	0.3204	0.9356	0.8139	0.6178
25.1	0.9604	0.1111	0.9508	0.9673	0.1285	0.8861	0.7691	0.6061

25.2	0.9638	0.1837	0.9494	0.9640	0.1277	0.9065	0.8091	0.6313
25.3	0.9659	0.0950	0.9433	0.9662	0.1440	0.8345	0.7895	0.5411
25.4	0.9713	0.2499	0.9293	0.9704	0.1060	0.8396	0.6703	0.6262
25.5	0.9581	0.2464	0.9638	0.9623	0.0781	0.9546	0.5831	0.6486
25.6	0.9505	0.3092	0.9554	0.9465	0.1623	0.9401	0.5820	0.5701
25.7	0.9589	0.3086	0.9554	0.9493	0.1960	0.9507	0.6298	0.5639
25.8	0.9465	0.2922	0.9571	0.9410	0.1452	0.9570	0.5839	0.5197
25.9	0.9632	0.3005	0.9584	0.9610	0.1792	0.9658	0.5936	0.6429
26.0	0.9445	0.3523	0.9492	0.9411	0.1718	0.9560	0.5595	0.4856
26.1	0.9406	0.3523	0.9440	0.9349	0.0856	0.9487	0.5348	0.4966
26.2	0.9421	0.4818	0.9491	0.9322	0.0324	0.9484	0.5098	0.4996
26.3	0.9279	0.5579	0.9345	0.9095	0.0967	0.9408	0.4992	0.3875
26.4	0.9391	0.5676	0.9573	0.9309	0.0817	0.9570	0.5462	0.3547
26.5	0.8982	0.5763	0.9450	0.9048	0.0450	0.9446	0.5387	0.4451
26.6	0.9382	0.6373	0.9598	0.9346	0.1521	0.9558	0.6454	0.4869
26.7	0.9199	0.7264	0.9564	0.9078	0.1483	0.9604	0.5163	0.4174
26.8	0.8816	0.6182	0.9311	0.8148	0.0571	0.9357	0.4001	0.3181
26.9	0.8760	0.5773	0.9395	0.8340	0.0231	0.9393	0.5067	0.3854
27.0	0.9069	0.7154	0.9417	0.8888	0.0666	0.9552	0.5160	0.2916
27.1	0.9011	0.6481	0.9367	0.8791	0.0775	0.9622	0.3570	0.2594
27.2	0.8626	0.6696	0.8867	0.8281	0.0221	0.9445	0.2189	0.3466
27.3	0.8644	0.6165	0.9206	0.7879	0.0067	0.9306	0.2816	0.3142
27.4	0.8915	0.6414	0.9394	0.7474	0.0116	0.9365	0.3117	0.1967
27.5	0.8306	0.5427	0.9017	0.7716	0.0138	0.8836	0.3054	0.1080
27.6	0.8365	0.3756	0.8781	0.7445	0.0365	0.8689	0.1890	0.1647
27.7	0.8308	0.5332	0.8934	0.7129	0.0615	0.8812	0.3205	0.1159
27.8	0.8268	0.4915	0.9061	0.6931	0.0334	0.8712	0.3373	0.1898
27.9	0.7451	0.5194	0.9075	0.4894	0.0959	0.8586	0.2394	0.1786
28.0	0.7783	0.4591	0.8563	0.5297	0.0129	0.8403	0.1717	0.1945
28.1	0.6774	0.3980	0.7982	0.4041	0.0216	0.8034	0.1260	0.1784
28.2	0.6789	0.3652	0.7662	0.5000	0.0112	0.7889	0.2117	0.3161
28.3	0.6695	0.2491	0.7434	0.5864	0.0661	0.7615	0.3452	0.0788
28.4	0.4765	0.1430	0.6343	0.2918	0.1661	0.5243	0.2663	0.0382
28.5	0.5495	0.1169	0.6023	0.2570	0.0495	0.4781	0.2497	0.0527
28.6	0.4964	0.1712	0.6034	0.4313	0.0106	0.4413	0.2547	0.0759
28.7	0.5199	0.2627	0.5521	0.3254	0.0112	0.3069	0.1885	0.0652
28.8	0.3151	0.2293	0.3192	0.2509	0.0061	0.1152	0.2354	0.0845
28.9	0.4658	0.1044	0.2204	0.2116	0.0383	0.1994	0.2407	0.0719
29.0	0.2972	0.1699	0.2352	0.1856	0.0263	0.1651	0.1484	0.0240
29.1	0.2585	0.2428	0.2114	0.1217	0.1801	0.1062	0.0500	0.0183
29.2	0.2419	0.1272	0.2105	0.1763	0.0360	0.0109	0.1165	0.0371
29.3	0.2786	0.1909	0.0842	0.1161	0.0328	0.0021	0.1522	0.0796
29.4	0.5021	0.2211	0.0083	0.0860	0.0090	0.0137	0.1130	0.0581
29.5	0.5213	0.1926	0.0163	0.2486	0.0330	0.0384	0.0451	0.0369
29.6	0.4415	0.1469	0.0036	0.3875	0.0174	0.0429	0.0485	0.0108
29.7	0.4072	0.1322	0.0652	0.2582	0.0731	0.0541	0.1196	0.0344
29.8	0.5788	0.0850	0.1194	0.3922	0.0107	0.0833	0.1195	0.0730
29.9	0.7655	0.0888	0.0471	0.3889	0.0106	0.0534	0.0026	0.0268
30.0	0.7626	0.0803	0.0979	0.6057	0.0033	0.1268	0.0176	0.0040
30.1	0.7207	0.3585	0.0492	0.6993	0.0585	0.0792	0.0184	0.0460
30.2	0.7707	0.2170	0.1181	0.7237	0.0146	0.1610	0.0663	0.0739
30.3	0.7653	0.1211	0.1038	0.6732	0.0376	0.1535	0.0631	0.0259
30.4	0.8200	0.2112	0.1827	0.7612	0.0393	0.1109	0.1152	0.0614
30.5	0.8834	0.2205	0.2867	0.8082	0.0049	0.2435	0.2144	0.0738
30.6	0.8547	0.2133	0.2245	0.8016	0.0775	0.2719	0.1276	0.0077
30.7	0.8888	0.1860	0.2101	0.8571	0.0165	0.2652	0.0428	0.0290
30.8	0.9110	0.0353	0.1810	0.8612	0.0108	0.3039	0.0161	0.0302
30.9	0.8982	0.0786	0.0612	0.8756	0.0067	0.3205	0.0487	0.0290
31.0	0.9130	0.0743	0.2429	0.9062	0.0272	0.4263	0.0772	0.0206
31.1	0.9128	0.0224	0.2897	0.8955	0.0159	0.4317	0.0923	0.0134
31.2	0.8775	0.0077	0.0634	0.8491	0.0258	0.2991	0.0335	0.0202
31.3	0.8594	0.0331	0.0191	0.8048	0.0405	0.2077	0.0697	0.0309
31.4	0.9323	0.0732	0.1654	0.8816	0.0675	0.4174	0.0146	0.0726
31.5	0.9473	0.1815	0.2734	0.9323	0.0569	0.5758	0.0357	0.0410
31.6	0.9440	0.1703	0.3463	0.9234	0.0574	0.6092	0.1660	0.0231
31.7	0.9447	0.2356	0.4095	0.9208	0.0888	0.6151	0.0660	0.0104
31.8	0.9472	0.3419	0.4994	0.9583	0.0377	0.6508	0.0457	0.0432
31.9	0.9444	0.2498	0.4285	0.9418	0.0977	0.6614	0.0315	0.0546
32.0	0.9420	0.2566	0.4735	0.9370	0.0022	0.6362	0.1434	0.1403
32.1	0.9503	0.1605	0.4579	0.9265	0.0916	0.5212	0.1676	0.0539
32.2	0.9407	0.0877	0.5970	0.9241	0.0610	0.6449	0.0915	0.0047
32.3	0.9659	0.1079	0.5816	0.9123	0.0881	0.6704	0.1160	0.0069
32.4	0.9384	0.1807	0.5559	0.9361	0.0764	0.6716	0.1013	0.0119
32.5	0.9463	0.0548	0.5716	0.9176	0.0303	0.7504	0.0289	0.0571
32.6	0.9676	0.0469	0.6664	0.9399	0.0276	0.7822	0.0664	0.0850
32.7	0.9684	0.0979	0.6969	0.9344	0.0646	0.8247	0.1170	0.1171
32.8	0.9409	0.0096	0.6119	0.9129	0.0570	0.7010	0.1139	0.0133
32.9	0.9629	0.0168	0.7201	0.9421	0.0429	0.6521	0.0563	0.0601
33.0	0.9729	0.1177	0.6651	0.9502	0.0810	0.7366	0.0559	0.1552
33.1	0.9671	0.1956	0.6505	0.9448	0.0785	0.7626	0.1868	0.1037
33.2	0.9753	0.0777	0.8265	0.9570	0.0505	0.8559	0.2947	0.2052
33.3	0.9749	0.0510	0.7635	0.9518	0.0385	0.7923	0.2164	0.0292
33.4	0.9760	0.0333	0.7239	0.9383	0.0347	0.7761	0.1403	0.0139
33.5	0.9582	0.0315	0.7726	0.9433	0.1401	0.7579	0.1465	0.0266
33.6	0.9535	0.0563	0.6667	0.9285	0.0429	0.6903	0.1771	0.0179
33.7	0.9390	0.0010	0.6443	0.9061	0.0927	0.6717	0.0654	0.0203

33.8	0.9498	0.1558	0.7168	0.9352	0.1157	0.6556	0.1158	0.0582
33.9	0.9399	0.1567	0.6874	0.9236	0.1868	0.6541	0.1374	0.1763
34.0	0.9402	0.2174	0.4105	0.9134	0.0585	0.6398	0.0867	0.1994
34.1	0.9651	0.3454	0.4275	0.9406	0.0770	0.5514	0.1087	0.0952
34.2	0.9603	0.1655	0.4714	0.9381	0.1109	0.5698	0.1146	0.0714
34.3	0.9743	0.1520	0.5890	0.9515	0.0770	0.5696	0.1610	0.1512
34.4	0.9824	0.3836	0.6945	0.9668	0.1178	0.5869	0.1452	0.1798
34.5	0.9852	0.3441	0.7767	0.9622	0.0077	0.5609	0.1303	0.1906
34.6	0.9841	0.3899	0.8240	0.9692	0.0077	0.6005	0.0982	0.1652
34.7	0.9884	0.4943	0.8622	0.9778	0.0348	0.6231	0.1632	0.2224
34.8	0.9865	0.4383	0.8450	0.9726	0.0189	0.5534	0.1148	0.2229
34.9	0.9855	0.4274	0.8231	0.9673	0.0371	0.5616	0.1484	0.2114
35.0	0.9860	0.3984	0.8098	0.9696	0.0276	0.5355	0.1429	0.2264
35.1	0.9864	0.4741	0.8333	0.9738	0.0161	0.5050	0.1197	0.2520
35.2	0.9807	0.4746	0.7708	0.9701	0.0127	0.4445	0.2030	0.3026
35.3	0.9824	0.4419	0.7514	0.9675	0.0535	0.5213	0.2543	0.3140
35.4	0.9768	0.5101	0.8382	0.9637	0.0068	0.6392	0.0881	0.2618
35.5	0.9704	0.4969	0.8387	0.9605	0.0065	0.7382	0.0182	0.1656
35.6	0.9774	0.4335	0.8772	0.9638	0.0012	0.7887	0.0404	0.1878
35.7	0.9697	0.3865	0.9165	0.9493	0.0250	0.8160	0.1076	0.2762
35.8	0.9722	0.4960	0.9328	0.9551	0.0799	0.8952	0.0501	0.2293
35.9	0.9708	0.5443	0.9445	0.9492	0.0093	0.9337	0.0281	0.2794
36.0	0.9688	0.5524	0.9452	0.9436	0.0686	0.9455	0.0259	0.3269
36.1	0.9817	0.6813	0.9496	0.9685	0.0575	0.9458	0.0723	0.3827
36.2	0.9859	0.6867	0.9595	0.9760	0.0736	0.9617	0.0690	0.5053
36.3	0.9770	0.5464	0.9369	0.9598	0.1839	0.9585	0.0129	0.3019
36.4	0.9749	0.5792	0.9075	0.9556	0.1708	0.9527	0.0054	0.3016
36.5	0.9837	0.6940	0.9350	0.9759	0.2326	0.9634	0.0615	0.4749
36.6	0.9865	0.7027	0.9404	0.9786	0.2641	0.9657	0.0995	0.5408
36.7	0.9893	0.6650	0.9321	0.9822	0.5161	0.9668	0.2555	0.6074
36.8	0.9859	0.7174	0.9117	0.9783	0.4249	0.9531	0.1948	0.5209
36.9	0.9825	0.6360	0.9034	0.9750	0.4837	0.9491	0.2055	0.5922
37.0	0.9861	0.7257	0.9124	0.9823	0.6264	0.9493	0.3878	0.6445
37.1	0.9872	0.7626	0.8953	0.9838	0.5688	0.9540	0.3662	0.6473
37.2	0.9776	0.6909	0.8426	0.9719	0.5980	0.9321	0.1292	0.5832
37.3	0.9827	0.7556	0.8066	0.9789	0.6482	0.9512	0.3676	0.6756
37.4	0.9873	0.8242	0.5898	0.9851	0.6201	0.9475	0.2603	0.7128
37.5	0.9783	0.7981	0.8602	0.9771	0.7235	0.9540	0.3760	0.7278
37.6	0.9807	0.8333	0.9083	0.9776	0.8128	0.9601	0.2726	0.7273
37.7	0.9841	0.8630	0.9206	0.9829	0.8438	0.9658	0.2708	0.7925
37.8	0.9821	0.8227	0.9189	0.9798	0.8575	0.9635	0.3264	0.7747
37.9	0.9766	0.8444	0.9199	0.9761	0.8681	0.9583	0.3822	0.7974
38.0	0.9747	0.8102	0.9288	0.9760	0.8369	0.9498	0.2381	0.7619
38.1	0.9738	0.8044	0.9475	0.9746	0.8746	0.9502	0.2932	0.7425
38.2	0.9812	0.8384	0.9685	0.9801	0.9044	0.9694	0.3877	0.8140
38.3	0.9773	0.7896	0.9578	0.9780	0.9173	0.9661	0.2999	0.7793
38.4	0.9682	0.7440	0.9525	0.9695	0.9070	0.9587	0.1141	0.6797
38.5	0.9704	0.6546	0.9570	0.9708	0.8605	0.9595	0.0833	0.6968
38.6	0.9796	0.6772	0.9684	0.9793	0.9327	0.9744	0.2635	0.8461
38.7	0.9753	0.5573	0.9606	0.9777	0.9081	0.9686	0.2020	0.8031
38.8	0.9685	0.5562	0.9611	0.9688	0.9113	0.9647	0.2834	0.8336
38.9	0.9755	0.6905	0.9741	0.9768	0.9323	0.9729	0.3223	0.8555
39.0	0.9744	0.5933	0.9630	0.9758	0.9291	0.9727	0.4047	0.8501
39.1	0.9836	0.7093	0.9766	0.9838	0.9438	0.9820	0.5355	0.9126
39.2	0.9837	0.7142	0.9823	0.9836	0.9304	0.9865	0.5229	0.8886
39.3	0.9770	0.8055	0.9753	0.9781	0.9215	0.9796	0.6518	0.9156
39.4	0.9786	0.7914	0.9706	0.9789	0.9110	0.9776	0.6354	0.9234
39.5	0.9732	0.8088	0.9681	0.9732	0.9084	0.9748	0.6415	0.9011
39.6	0.9782	0.8816	0.9712	0.9770	0.9251	0.9761	0.7629	0.9249
39.7	0.9812	0.9084	0.9781	0.9800	0.9284	0.9798	0.8234	0.9253
39.8	0.9829	0.9040	0.9758	0.9814	0.9141	0.9826	0.8295	0.9208
39.9	0.9819	0.9164	0.9784	0.9815	0.9075	0.9835	0.8707	0.9268
40.0	0.9826	0.9322	0.9786	0.9815	0.9349	0.9806	0.8927	0.9446
40.1	0.9779	0.9263	0.9706	0.9787	0.8857	0.9747	0.8683	0.9248
40.2	0.9720	0.9118	0.9589	0.9716	0.8652	0.9642	0.8547	0.8998
40.3	0.9815	0.9456	0.9798	0.9818	0.9031	0.9766	0.9252	0.9421
40.4	0.9831	0.9265	0.9712	0.9820	0.8827	0.9690	0.9402	0.9289
40.5	0.9843	0.9254	0.9687	0.9849	0.8609	0.9587	0.9253	0.9303
40.6	0.9846	0.9309	0.9653	0.9853	0.8789	0.9685	0.9266	0.9099
40.7	0.9825	0.9293	0.9661	0.9846	0.8898	0.9622	0.9290	0.9055
40.8	0.9864	0.9438	0.9688	0.9863	0.8792	0.9669	0.9555	0.9290
40.9	0.9841	0.9556	0.9644	0.9832	0.8704	0.9654	0.9557	0.9417
41.0	0.9809	0.9323	0.9522	0.9817	0.8461	0.9479	0.9403	0.9328
41.1	0.9834	0.9227	0.9501	0.9840	0.8439	0.9621	0.9238	0.9060
41.2	0.9903	0.9540	0.9571	0.9901	0.8661	0.9744	0.9350	0.9333
41.3	0.9912	0.9564	0.9435	0.9906	0.8735	0.9662	0.9292	0.9355
41.4	0.9866	0.9364	0.9377	0.9865	0.8533	0.9572	0.8846	0.8756
41.5	0.9898	0.9458	0.9621	0.9885	0.8314	0.9719	0.9167	0.8776
41.6	0.9936	0.9444	0.9702	0.9928	0.8084	0.9629	0.9341	0.8972
41.7	0.9910	0.9212	0.9468	0.9909	0.8247	0.9564	0.9147	0.8823
41.8	0.9926	0.9432	0.9550	0.9931	0.8741	0.9697	0.9339	0.8952
41.9	0.9927	0.9449	0.9471	0.9917	0.8536	0.9701	0.9161	0.8932
42.0	0.9931	0.8833	0.9606	0.9934	0.8548	0.9750	0.8930	0.8443
42.1	0.9945	0.9330	0.9776	0.9935	0.8821	0.9761	0.9104	0.8603
42.2	0.9901	0.8830	0.9666	0.9878	0.7297	0.9605	0.9027	0.7962
42.3	0.9899	0.9175	0.9546	0.9891	0.7275	0.9663	0.8883	0.8492

42.4	0.9942	0.9278	0.9727	0.9934	0.7897	0.9753	0.8903	0.8334
42.5	0.9912	0.9437	0.9791	0.9911	0.6580	0.9804	0.8777	0.8453
42.6	0.9924	0.9368	0.9855	0.9915	0.6806	0.9824	0.9105	0.8217
42.7	0.9928	0.9433	0.9875	0.9927	0.7819	0.9807	0.9385	0.8787
42.8	0.9944	0.9377	0.9850	0.9939	0.7841	0.9795	0.9027	0.8727
42.9	0.9953	0.9237	0.9860	0.9943	0.7727	0.9871	0.8798	0.8539
43.0	0.9947	0.5933	0.9883	0.9941	0.7636	0.9831	0.7527	0.7708
43.1	0.9939	0.9288	0.9863	0.9931	0.7217	0.9792	0.8410	0.7926
43.2	0.9955	0.9297	0.9883	0.9945	0.7335	0.9861	0.8261	0.8213
43.3	0.9960	0.9274	0.9876	0.9950	0.7918	0.9858	0.8203	0.8067
43.4	0.9957	0.9116	0.9834	0.9957	0.7085	0.9785	0.8057	0.8459
43.5	0.9928	0.7966	0.9854	0.9918	0.6434	0.9511	0.7695	0.7972
43.6	0.9924	0.9173	0.9816	0.9919	0.5141	0.9656	0.8394	0.8718
43.7	0.9943	0.8980	0.9883	0.9951	0.7369	0.9815	0.8678	0.8837
43.8	0.9958	0.8804	0.9856	0.9951	0.7020	0.9827	0.8736	0.8564
43.9	0.9952	0.9032	0.9854	0.9951	0.6831	0.9869	0.8382	0.8471
44.0	0.9958	0.9474	0.9852	0.9952	0.5440	0.9840	0.7893	0.8324
44.1	0.9934	0.9187	0.9782	0.9937	0.4723	0.9712	0.7593	0.8578
44.2	0.9945	0.9535	0.9877	0.9945	0.5179	0.9785	0.8473	0.8924
44.3	0.9957	0.9499	0.9884	0.9953	0.5147	0.9724	0.8408	0.9178
44.4	0.9964	0.9437	0.9844	0.9968	0.6017	0.9768	0.8367	0.9440
44.5	0.9946	0.9482	0.9872	0.9945	0.6978	0.9760	0.8022	0.9228
44.6	0.9952	0.8823	0.9888	0.9945	0.7063	0.9794	0.7696	0.8633
44.7	0.9948	0.8991	0.9868	0.9954	0.7064	0.9776	0.7657	0.8924
44.8	0.9954	0.9294	0.9869	0.9955	0.6695	0.9749	0.6805	0.8884
44.9	0.9960	0.9456	0.9868	0.9960	0.5437	0.9764	0.7588	0.8841
45.0	0.9954	0.8993	0.9797	0.9957	0.5614	0.9418	0.7107	0.8982
45.1	0.9952	0.5671	0.9851	0.9953	0.6658	0.9397	0.5473	0.7077
45.2	0.9950	0.8362	0.9843	0.9955	0.6306	0.9427	0.7275	0.8976
45.3	0.9956	0.8433	0.9845	0.9961	0.7050	0.9350	0.4832	0.8764
45.4	0.9949	0.2920	0.9817	0.9952	0.6625	0.9337	0.4616	0.8756
45.5	0.9943	0.6063	0.9762	0.9948	0.6228	0.9417	0.4722	0.8940
45.6	0.9965	0.8501	0.9804	0.9965	0.6240	0.9586	0.5146	0.8846
45.7	0.9978	0.7999	0.9896	0.9976	0.6801	0.9327	0.3250	0.9027
45.8	0.9970	0.7622	0.9763	0.9969	0.5250	0.9392	0.1472	0.7977
45.9	0.9969	0.6461	0.9827	0.9970	0.6226	0.8512	0.4424	0.7505
46.0	0.9961	0.7471	0.9798	0.9964	0.6504	0.8967	0.5640	0.7638
46.1	0.9941	0.3611	0.9754	0.9953	0.5637	0.8759	0.5641	0.8188
46.2	0.9967	0.5568	0.9800	0.9968	0.7355	0.8443	0.6193	0.8105
46.3	0.9968	0.4610	0.9777	0.9967	0.5950	0.7265	0.6441	0.8572
46.4	0.9962	0.5566	0.9766	0.9962	0.6321	0.7346	0.7271	0.8208
46.5	0.9954	0.3453	0.9628	0.9953	0.5450	0.6297	0.6084	0.7606
46.6	0.9961	0.6422	0.9680	0.9954	0.6802	0.3007	0.6036	0.7591
46.7	0.9964	0.7446	0.9683	0.9961	0.5558	0.6930	0.6781	0.7738
46.8	0.9969	0.7581	0.9734	0.9967	0.5097	0.7244	0.7624	0.8382
46.9	0.9963	0.8080	0.9778	0.9956	0.6186	0.9122	0.8057	0.7890
47.0	0.9949	0.8790	0.9772	0.9950	0.5475	0.8776	0.8086	0.8628
47.1	0.9962	0.8675	0.9774	0.9959	0.5150	0.9037	0.8118	0.8927
47.2	0.9947	0.7777	0.9601	0.9951	0.5196	0.9376	0.7192	0.8464
47.3	0.9975	0.8456	0.9764	0.9970	0.6642	0.9737	0.8525	0.8982
47.4	0.9971	0.9114	0.9737	0.9975	0.6290	0.9773	0.8255	0.9292
47.5	0.9960	0.8413	0.9549	0.9957	0.5268	0.9777	0.7527	0.8989
47.6	0.9966	0.8187	0.9803	0.9961	0.7233	0.9786	0.8408	0.9332
47.7	0.9967	0.7095	0.9732	0.9962	0.7163	0.9758	0.8200	0.9323
47.8	0.9949	0.7116	0.9541	0.9940	0.6851	0.9653	0.7291	0.8931
47.9	0.9957	0.8323	0.9554	0.9955	0.7343	0.9836	0.7381	0.9172
48.0	0.9960	0.8714	0.9655	0.9951	0.6971	0.9749	0.7436	0.8506
48.1	0.9969	0.8210	0.9698	0.9966	0.7084	0.9744	0.7293	0.8351
48.2	0.9963	0.8569	0.9701	0.9960	0.6591	0.9728	0.7949	0.8425
48.3	0.9950	0.7873	0.9098	0.9933	0.6028	0.9713	0.6067	0.8300
48.4	0.9954	0.7562	0.9303	0.9957	0.7232	0.9734	0.6539	0.8265
48.5	0.9956	0.8897	0.9432	0.9937	0.6970	0.9771	0.6506	0.8582
48.6	0.9953	0.8381	0.9551	0.9950	0.6310	0.9738	0.6323	0.8344
48.7	0.9958	0.8858	0.9741	0.9954	0.7695	0.9845	0.7521	0.8990
48.8	0.9960	0.7913	0.9629	0.9949	0.7307	0.9636	0.7668	0.7666
48.9	0.9956	0.8298	0.9522	0.9945	0.7077	0.9682	0.7614	0.8569
49.0	0.9961	0.8063	0.9648	0.9959	0.7074	0.9736	0.8000	0.8438
49.1	0.9969	0.7773	0.9719	0.9973	0.6923	0.9813	0.8194	0.8555
49.2	0.9953	0.5387	0.9682	0.9960	0.6708	0.9691	0.8499	0.7071
49.3	0.9956	0.2712	0.9509	0.9941	0.6525	0.9660	0.8298	0.6638
49.4	0.9971	0.4081	0.9729	0.9966	0.7767	0.9518	0.9012	0.6868
49.5	0.9974	0.7084	0.9817	0.9969	0.7141	0.9800	0.8932	0.8224
49.6	0.9963	0.6765	0.9727	0.9958	0.6885	0.9725	0.8546	0.7517
49.7	0.9956	0.7159	0.9628	0.9954	0.7052	0.9745	0.8842	0.8420
49.8	0.9944	0.5324	0.9579	0.9939	0.5998	0.9741	0.9050	0.8197
49.9	0.9927	0.3259	0.9308	0.9927	0.6654	0.9775	0.8775	0.8211
50.0	0.9950	0.3567	0.9387	0.9949	0.6151	0.9850	0.9225	0.8793
50.1	0.9965	0.6221	0.9280	0.9970	0.6757	0.9919	0.9404	0.9280
50.2	0.9949	0.3745	0.9327	0.9950	0.6410	0.9842	0.9445	0.9056
50.3	0.9955	0.3472	0.9234	0.9957	0.7013	0.9854	0.9472	0.9397
50.4	0.9969	0.5117	0.8797	0.9966	0.5796	0.9915	0.9256	0.9595
50.5	0.9964	0.7539	0.7502	0.9963	0.6712	0.9928	0.9189	0.9605
50.6	0.9956	0.6022	0.7864	0.9961	0.5101	0.9954	0.9296	0.9706
50.7	0.9941	0.3731	0.6638	0.9939	0.5646	0.9919	0.9417	0.9365
50.8	0.9951	0.4473	0.7431	0.9954	0.7325	0.9909	0.9546	0.9561
50.9	0.9969	0.5756	0.3457	0.9963	0.6426	0.9930	0.9475	0.9640

51.0	0.9953	0.6856	0.8062	0.9955	0.6051	0.9923	0.9558	0.9719
51.1	0.9945	0.5631	0.8291	0.9954	0.5878	0.9906	0.9471	0.9598
51.2	0.9945	0.3968	0.8797	0.9934	0.5071	0.9922	0.9365	0.9606
51.3	0.9968	0.6776	0.9398	0.9963	0.5923	0.9942	0.9611	0.9747
51.4	0.9972	0.5383	0.9530	0.9971	0.5675	0.9953	0.9560	0.9762
51.5	0.9955	0.3937	0.9572	0.9963	0.6425	0.9950	0.9593	0.9781
51.6	0.9952	0.4498	0.9735	0.9943	0.5879	0.9936	0.9655	0.9774
51.7	0.9962	0.4543	0.9839	0.9957	0.6711	0.9947	0.9702	0.9814
51.8	0.9961	0.2373	0.9877	0.9965	0.6580	0.9955	0.9786	0.9790
51.9	0.9956	0.4188	0.9888	0.9956	0.7504	0.9956	0.9781	0.9841
52.0	0.9955	0.1220	0.9889	0.9952	0.8113	0.9955	0.9832	0.9811
52.1	0.9966	0.1916	0.9915	0.9966	0.7957	0.9959	0.9842	0.9858
52.2	0.9939	0.3010	0.9903	0.9948	0.7373	0.9926	0.9804	0.9784
52.3	0.9956	0.2471	0.9894	0.9955	0.6968	0.9930	0.9850	0.9843
52.4	0.9961	0.3581	0.9893	0.9963	0.6953	0.9958	0.9809	0.9823
52.5	0.9950	0.3929	0.9928	0.9963	0.6058	0.9941	0.9833	0.9778
52.6	0.9958	0.0043	0.9937	0.9965	0.4342	0.9942	0.9864	0.9851
52.7	0.9945	0.1849	0.9911	0.9944	0.3213	0.9928	0.9834	0.9852
52.8	0.9948	0.1279	0.9932	0.9956	0.2711	0.9936	0.9852	0.9852
52.9	0.9942	0.2262	0.9927	0.9937	0.2331	0.9926	0.9867	0.9794
53.0	0.9941	0.2044	0.9868	0.9942	0.1394	0.9887	0.9812	0.9713
53.1	0.9950	0.2935	0.9922	0.9949	0.2257	0.9928	0.9758	0.9740
53.2	0.9957	0.4536	0.9948	0.9960	0.1926	0.9946	0.9885	0.9889
53.3	0.9960	0.4700	0.9939	0.9956	0.4186	0.9946	0.9886	0.9851
53.4	0.9946	0.4985	0.9922	0.9940	0.3750	0.9932	0.9814	0.9812
53.5	0.9941	0.4646	0.9943	0.9943	0.5475	0.9932	0.9810	0.9806
53.6	0.9941	0.4731	0.9942	0.9945	0.4756	0.9944	0.9808	0.9779
53.7	0.9950	0.3809	0.9917	0.9950	0.4641	0.9949	0.9821	0.9786
53.8	0.9956	0.2506	0.9920	0.9953	0.5581	0.9941	0.9772	0.9750
53.9	0.9957	0.4871	0.9921	0.9955	0.5969	0.9942	0.9840	0.9775
54.0	0.9962	0.5203	0.9914	0.9957	0.7227	0.9930	0.9839	0.9712
54.1	0.9943	0.5243	0.9796	0.9938	0.7814	0.9911	0.9755	0.9719
54.2	0.9936	0.5885	0.9798	0.9929	0.7983	0.9895	0.9695	0.9772
54.3	0.9947	0.6213	0.9843	0.9935	0.7560	0.9916	0.9698	0.9773
54.4	0.9946	0.6524	0.9875	0.9926	0.8202	0.9911	0.9446	0.9595
54.5	0.9942	0.6665	0.9905	0.9931	0.8321	0.9903	0.9524	0.9575
54.6	0.9919	0.6803	0.9853	0.9911	0.8517	0.9871	0.9448	0.9556
54.7	0.9937	0.7341	0.9898	0.9934	0.8424	0.9894	0.9535	0.9431
54.8	0.9933	0.7296	0.9882	0.9927	0.8463	0.9910	0.9452	0.9461
54.9	0.9930	0.7737	0.9854	0.9922	0.8384	0.9889	0.8984	0.9292
55.0	0.9930	0.8036	0.9863	0.9934	0.8923	0.9888	0.9205	0.9373
55.1	0.9950	0.8689	0.9906	0.9926	0.9094	0.9895	0.8996	0.9034
55.2	0.9928	0.8397	0.9866	0.9909	0.8608	0.9880	0.9056	0.8668
55.3	0.9937	0.8333	0.9783	0.9901	0.8712	0.9856	0.8620	0.8606
55.4	0.9937	0.8122	0.9799	0.9920	0.8637	0.9851	0.8669	0.7937
55.5	0.9947	0.8607	0.9858	0.9937	0.8782	0.9904	0.9080	0.8493
55.6	0.9932	0.8339	0.9878	0.9923	0.8705	0.9898	0.8989	0.7452
55.7	0.9935	0.8119	0.9802	0.9903	0.8516	0.9864	0.8727	0.6881
55.8	0.9941	0.8614	0.9843	0.9906	0.7821	0.9878	0.8715	0.4914
55.9	0.9928	0.8376	0.9774	0.9902	0.8309	0.9826	0.8827	0.2067
56.0	0.9902	0.8298	0.9769	0.9851	0.8180	0.9805	0.8522	0.0367
56.1	0.9898	0.8586	0.9814	0.9839	0.8168	0.9862	0.8552	0.1722
56.2	0.9923	0.8657	0.9843	0.9879	0.7490	0.9828	0.8564	0.0183
56.3	0.9920	0.8772	0.9829	0.9858	0.7994	0.9827	0.9062	0.1328
56.4	0.9931	0.8534	0.9851	0.9863	0.7776	0.9837	0.9029	0.1930
56.5	0.9936	0.8582	0.9851	0.9869	0.8320	0.9862	0.8955	0.3522
56.6	0.9935	0.8804	0.9789	0.9869	0.8652	0.9870	0.8698	0.4673
56.7	0.9945	0.8858	0.9758	0.9885	0.9011	0.9890	0.8737	0.7132
56.8	0.9951	0.8741	0.9733	0.9863	0.8655	0.9845	0.9185	0.8207
56.9	0.9939	0.8896	0.9756	0.9883	0.9078	0.9859	0.9241	0.8420
57.0	0.9938	0.8803	0.9704	0.9879	0.8776	0.9874	0.9146	0.8659
57.1	0.9911	0.8498	0.9398	0.9815	0.8762	0.9819	0.8949	0.8381
57.2	0.9896	0.9001	0.9447	0.9817	0.9103	0.9850	0.9054	0.8897
57.3	0.9894	0.8221	0.9625	0.9783	0.8362	0.9827	0.8687	0.8285
57.4	0.9902	0.8750	0.9543	0.9812	0.8841	0.9815	0.8892	0.8688
57.5	0.9920	0.8761	0.9701	0.9818	0.8997	0.9832	0.9031	0.8684
57.6	0.9897	0.8770	0.9698	0.9811	0.8862	0.9810	0.8922	0.8563
57.7	0.9898	0.8696	0.9668	0.9821	0.8698	0.9845	0.9157	0.8907
57.8	0.9907	0.8983	0.9727	0.9851	0.8829	0.9882	0.9169	0.9066
57.9	0.9887	0.8979	0.9744	0.9787	0.8843	0.9861	0.8976	0.8813
58.0	0.9908	0.9176	0.9736	0.9782	0.8613	0.9882	0.9061	0.8878
58.1	0.9879	0.9071	0.9809	0.9809	0.8269	0.9898	0.9115	0.9090
58.2	0.9866	0.8612	0.9717	0.9724	0.8602	0.9897	0.9183	0.8999
58.3	0.9838	0.8746	0.9693	0.9645	0.8214	0.9880	0.8998	0.8728
58.4	0.9917	0.9084	0.9753	0.9787	0.8508	0.9911	0.9130	0.9027
58.5	0.9900	0.9271	0.9753	0.9806	0.8756	0.9900	0.9062	0.9033
58.6	0.9850	0.8861	0.9619	0.9753	0.7834	0.9860	0.9039	0.8980
58.7	0.9896	0.8949	0.9702	0.9791	0.8902	0.9868	0.9218	0.9142
58.8	0.9869	0.8776	0.9635	0.9732	0.8788	0.9853	0.9091	0.9046
58.9	0.9856	0.8953	0.9562	0.9730	0.8653	0.9889	0.8978	0.9058
59.0	0.9845	0.9064	0.9312	0.9639	0.8549	0.9778	0.7624	0.8173
59.1	0.9873	0.9024	0.9416	0.9715	0.7483	0.9820	0.6336	0.7850
59.2	0.9906	0.9139	0.9540	0.9714	0.8744	0.9903	0.9124	0.9256
59.3	0.9880	0.8881	0.9472	0.9707	0.8647	0.9882	0.9175	0.9098
59.4	0.9848	0.9014	0.9372	0.9721	0.9031	0.9876	0.9104	0.9040
59.5	0.9862	0.8781	0.9268	0.9651	0.8849	0.9885	0.9209	0.9090

59.6	0.9916	0.9330	0.9236	0.9725	0.9202	0.9896	0.9253	0.9169
59.7	0.9875	0.9162	0.8368	0.9691	0.8812	0.9869	0.8919	0.8927
59.8	0.9832	0.8959	0.6956	0.9647	0.8747	0.9875	0.8931	0.8993
59.9	0.9833	0.8813	0.2734	0.9547	0.8770	0.9867	0.7470	0.7583
60.0	0.9617	0.9172	0.0634	0.8103	0.8600	0.9686	0.5135	0.8308
60.1	0.9819	0.9486	0.5604	0.9714	0.9284	0.9881	0.8227	0.9022
60.2	0.9876	0.9490	0.7855	0.9666	0.9324	0.9898	0.9154	0.9239
60.3	0.9868	0.9575	0.8900	0.9602	0.9306	0.9896	0.9217	0.9179
60.4	0.9864	0.9550	0.9342	0.9560	0.9320	0.9905	0.9001	0.8986
60.5	0.9860	0.9580	0.9522	0.9646	0.9492	0.9913	0.9276	0.9336
60.6	0.9878	0.9460	0.9552	0.9594	0.9378	0.9887	0.9176	0.9085
60.7	0.9878	0.9277	0.9690	0.9587	0.9142	0.9900	0.9083	0.8833
60.8	0.9854	0.9291	0.9793	0.9600	0.9272	0.9902	0.9252	0.9051
60.9	0.9835	0.9331	0.9815	0.9623	0.9241	0.9904	0.9357	0.9163
61.0	0.9849	0.9511	0.9821	0.9673	0.9388	0.9918	0.9430	0.9154
61.1	0.9851	0.9497	0.9861	0.9572	0.9295	0.9917	0.9303	0.9153
61.2	0.9885	0.9710	0.9907	0.9610	0.9637	0.9940	0.9497	0.9464
61.3	0.9866	0.9712	0.9877	0.9449	0.9638	0.9890	0.9464	0.9440
61.4	0.9783	0.9606	0.9852	0.9151	0.9606	0.9868	0.9217	0.9236
61.5	0.9900	0.9815	0.9926	0.9628	0.9695	0.9916	0.9504	0.9388
61.6	0.9908	0.9783	0.9925	0.9491	0.9825	0.9924	0.9512	0.9624
61.7	0.9869	0.9686	0.9905	0.9195	0.9746	0.9897	0.9328	0.9590
61.8	0.9806	0.9650	0.9900	0.8451	0.9746	0.9884	0.9199	0.9217
61.9	0.9829	0.9679	0.9880	0.7914	0.9686	0.9867	0.8828	0.9237
62.0	0.9863	0.9783	0.9912	0.7407	0.9777	0.9892	0.9133	0.9329
62.1	0.9884	0.9804	0.9909	0.7501	0.9798	0.9899	0.9102	0.9433
62.2	0.9877	0.9809	0.9910	0.7950	0.9850	0.9907	0.9108	0.9546
62.3	0.9882	0.9719	0.9904	0.8165	0.9775	0.9876	0.8775	0.9429
62.4	0.9899	0.9784	0.9920	0.8945	0.9800	0.9884	0.8625	0.9391
62.5	0.9869	0.9787	0.9913	0.9293	0.9803	0.9865	0.8414	0.9435
62.6	0.9917	0.9842	0.9943	0.9539	0.9851	0.9902	0.8173	0.9542
62.7	0.9918	0.9851	0.9935	0.9658	0.9847	0.9900	0.8710	0.9551
62.8	0.9885	0.9774	0.9909	0.9625	0.9826	0.9883	0.8574	0.9575
62.9	0.9875	0.9796	0.9912	0.9698	0.9788	0.9873	0.8004	0.9521
63.0	0.9873	0.9801	0.9895	0.9639	0.9830	0.9853	0.7557	0.9572
63.1	0.9889	0.9776	0.9912	0.9685	0.9788	0.9858	0.7967	0.9512
63.2	0.9875	0.9754	0.9902	0.9665	0.9794	0.9881	0.8076	0.9542
63.3	0.9874	0.9752	0.9923	0.9781	0.9805	0.9880	0.8469	0.9484
63.4	0.9860	0.9744	0.9909	0.9719	0.9761	0.9838	0.8828	0.9527
63.5	0.9802	0.9732	0.9912	0.9772	0.9806	0.9848	0.9004	0.9491
63.6	0.9858	0.9793	0.9902	0.9808	0.9773	0.9868	0.9208	0.9617
63.7	0.9812	0.9752	0.9901	0.9771	0.9781	0.9849	0.8973	0.9526
63.8	0.9810	0.9774	0.9925	0.9786	0.9823	0.9894	0.8934	0.9529
63.9	0.9820	0.9792	0.9911	0.9790	0.9778	0.9882	0.8978	0.9577
64.0	0.9834	0.9804	0.9917	0.9817	0.9815	0.9865	0.9131	0.9481
64.1	0.9825	0.9820	0.9907	0.9832	0.9824	0.9867	0.9173	0.9565
64.2	0.9813	0.9829	0.9905	0.9801	0.9840	0.9876	0.9366	0.9636
64.3	0.9791	0.9802	0.9907	0.9821	0.9828	0.9867	0.9314	0.9639
64.4	0.9711	0.9727	0.9878	0.9763	0.9769	0.9841	0.9224	0.9501
64.5	0.9798	0.9773	0.9903	0.9840	0.9803	0.9870	0.9331	0.9618
64.6	0.9759	0.9785	0.9916	0.9842	0.9808	0.9881	0.9307	0.9644
64.7	0.9717	0.9786	0.9888	0.9850	0.9822	0.9862	0.9387	0.9567
64.8	0.9722	0.9810	0.9906	0.9852	0.9854	0.9876	0.9264	0.9587
64.9	0.9799	0.9818	0.9900	0.9867	0.9830	0.9892	0.9501	0.9630
65.0	0.9830	0.9823	0.9905	0.9880	0.9862	0.9900	0.9473	0.9653
65.1	0.9699	0.9808	0.9917	0.9875	0.9845	0.9901	0.9317	0.9574
65.2	0.9645	0.9753	0.9858	0.9791	0.9789	0.9838	0.9009	0.9368
65.3	0.9727	0.9761	0.9875	0.9836	0.9733	0.9867	0.9158	0.9562
65.4	0.9759	0.9768	0.9879	0.9847	0.9783	0.9877	0.9276	0.9546
65.5	0.9797	0.9799	0.9886	0.9853	0.9770	0.9893	0.9346	0.9569
65.6	0.9865	0.9837	0.9918	0.9877	0.9816	0.9911	0.9555	0.9651
65.7	0.9828	0.9821	0.9904	0.9881	0.9822	0.9914	0.9604	0.9591
65.8	0.9797	0.9803	0.9883	0.9860	0.9786	0.9887	0.9380	0.9583
65.9	0.9809	0.9743	0.9852	0.9827	0.9724	0.9866	0.9407	0.9495
66.0	0.9775	0.9801	0.9878	0.9874	0.9788	0.9897	0.9639	0.9639
66.1	0.9828	0.9839	0.9895	0.9876	0.9788	0.9909	0.9632	0.9629
66.2	0.9830	0.9841	0.9891	0.9870	0.9775	0.9913	0.9712	0.9603
66.3	0.9732	0.9758	0.9878	0.9864	0.9702	0.9900	0.9680	0.9510
66.4	0.9693	0.9638	0.9822	0.9815	0.9634	0.9869	0.9603	0.9290
66.5	0.9663	0.9641	0.9868	0.9839	0.9627	0.9892	0.9661	0.9390
66.6	0.9684	0.9624	0.9847	0.9835	0.9658	0.9886	0.9615	0.9356
66.7	0.9669	0.9652	0.9837	0.9824	0.9649	0.9889	0.9651	0.9442
66.8	0.9763	0.9680	0.9886	0.9859	0.9683	0.9911	0.9734	0.9534
66.9	0.9699	0.9612	0.9838	0.9797	0.9404	0.9884	0.9561	0.9422
67.0	0.9548	0.9545	0.9741	0.9735	0.9344	0.9828	0.9545	0.9205
67.1	0.9727	0.9643	0.9848	0.9815	0.9515	0.9908	0.9748	0.9567
67.2	0.9731	0.9751	0.9844	0.9772	0.9465	0.9903	0.9646	0.9322
67.3	0.9666	0.9657	0.9818	0.9746	0.9319	0.9900	0.9678	0.9355
67.4	0.9644	0.9606	0.9833	0.9827	0.9229	0.9917	0.9683	0.9416
67.5	0.9712	0.9643	0.9831	0.9803	0.9320	0.9907	0.9607	0.9341
67.6	0.9665	0.9629	0.9847	0.9812	0.9208	0.9908	0.9559	0.9400
67.7	0.9667	0.9679	0.9826	0.9789	0.9134	0.9900	0.9614	0.9432
67.8	0.9659	0.9642	0.9826	0.9764	0.8770	0.9904	0.9651	0.9408
67.9	0.9641	0.9620	0.9839	0.9784	0.8710	0.9894	0.9669	0.9483
68.0	0.9564	0.9545	0.9818	0.9758	0.8477	0.9888	0.9654	0.9478
68.1	0.9686	0.9601	0.9829	0.9786	0.8593	0.9910	0.9707	0.9463

68.2	0.9755	0.9595	0.9835	0.9810	0.8436	0.9934	0.9704	0.9402
68.3	0.9584	0.9639	0.9835	0.9726	0.7952	0.9924	0.9646	0.9361
68.4	0.9660	0.9640	0.9841	0.9778	0.8395	0.9920	0.9626	0.9455
68.5	0.9576	0.9357	0.9774	0.9628	0.7399	0.9901	0.9468	0.9190
68.6	0.9679	0.9475	0.9768	0.9630	0.8141	0.9894	0.9305	0.9160
68.7	0.9710	0.9549	0.9817	0.9771	0.8651	0.9924	0.9501	0.9349
68.8	0.9626	0.9610	0.9801	0.9681	0.9051	0.9925	0.9548	0.9397
68.9	0.9700	0.9669	0.9771	0.9687	0.9124	0.9924	0.9487	0.9298
69.0	0.9635	0.9628	0.9779	0.9773	0.9336	0.9923	0.9519	0.9364
69.1	0.9624	0.9648	0.9739	0.9693	0.9345	0.9908	0.9324	0.9279
69.2	0.9607	0.9622	0.9752	0.9652	0.9249	0.9917	0.9363	0.9377
69.3	0.9653	0.9628	0.9640	0.9583	0.9161	0.9920	0.9305	0.9305
69.4	0.9631	0.9618	0.9629	0.9596	0.9395	0.9930	0.9274	0.9202
69.5	0.9713	0.9737	0.9739	0.9702	0.9533	0.9943	0.9459	0.9529
69.6	0.9695	0.9661	0.9659	0.9624	0.9417	0.9927	0.9322	0.9445
69.7	0.9635	0.9446	0.9560	0.9526	0.9168	0.9900	0.8689	0.9087
69.8	0.9628	0.9529	0.9548	0.9543	0.8983	0.9923	0.9150	0.9290
69.9	0.9517	0.9360	0.9456	0.9473	0.8967	0.9935	0.9209	0.9396
70.0	0.9617	0.9375	0.9462	0.9581	0.8968	0.9934	0.9278	0.9377
70.1	0.9690	0.9514	0.9616	0.9636	0.9402	0.9924	0.9430	0.9487
70.2	0.9719	0.9418	0.9597	0.9568	0.9073	0.9911	0.9306	0.9446
70.3	0.9692	0.9387	0.9559	0.9533	0.9229	0.9902	0.9105	0.9354
70.4	0.9595	0.9103	0.9450	0.9411	0.8849	0.9903	0.9114	0.9335
70.5	0.9655	0.9207	0.9565	0.9575	0.9206	0.9927	0.9380	0.9462
70.6	0.9669	0.9299	0.9495	0.9498	0.9150	0.9916	0.9192	0.9490
70.7	0.9666	0.9058	0.9557	0.9399	0.9218	0.9911	0.9162	0.9338
70.8	0.9764	0.9365	0.9679	0.9528	0.9406	0.9941	0.9505	0.9584
70.9	0.9736	0.9197	0.9598	0.9470	0.9229	0.9911	0.9480	0.9563
71.0	0.9696	0.8887	0.9574	0.9421	0.9150	0.9894	0.9322	0.9387
71.1	0.9707	0.8676	0.9432	0.9374	0.9027	0.9903	0.9175	0.9364
71.2	0.9823	0.8961	0.9666	0.9496	0.9300	0.9932	0.9495	0.9533
71.3	0.9760	0.8536	0.9569	0.9517	0.9381	0.9914	0.9349	0.9464
71.4	0.9653	0.8431	0.9351	0.9262	0.9099	0.9881	0.9162	0.9302
71.5	0.9714	0.8043	0.9423	0.9116	0.9341	0.9866	0.9100	0.9102
71.6	0.9792	0.8141	0.9565	0.9248	0.9511	0.9902	0.9010	0.9156
71.7	0.9815	0.8414	0.9653	0.9052	0.9563	0.9888	0.9297	0.9420
71.8	0.9779	0.8827	0.9642	0.8885	0.9427	0.9889	0.9367	0.9534
71.9	0.9723	0.8695	0.9535	0.8870	0.9332	0.9889	0.9417	0.9492
72.0	0.9716	0.8344	0.9563	0.8665	0.9379	0.9862	0.9380	0.9518
72.1	0.9705	0.8489	0.9571	0.8260	0.9303	0.9860	0.9340	0.9523
72.2	0.9723	0.8751	0.9592	0.7847	0.9518	0.9849	0.9423	0.9582
72.3	0.9788	0.8813	0.9641	0.7818	0.9587	0.9845	0.9415	0.9547
72.4	0.9763	0.8917	0.9583	0.7491	0.9677	0.9856	0.9340	0.9509
72.5	0.9762	0.8988	0.9664	0.6945	0.9557	0.9859	0.9390	0.9544
72.6	0.9779	0.8960	0.9700	0.6354	0.9613	0.9826	0.9381	0.9471
72.7	0.9766	0.8994	0.9664	0.6098	0.9487	0.9830	0.9304	0.9449
72.8	0.9797	0.8949	0.9668	0.4486	0.9546	0.9800	0.9491	0.9524
72.9	0.9830	0.9261	0.9749	0.5263	0.9625	0.9827	0.9537	0.9513
73.0	0.9773	0.8915	0.9650	0.5448	0.9561	0.9775	0.9399	0.9411
73.1	0.9798	0.9161	0.9695	0.4924	0.9564	0.9726	0.9362	0.9462
73.2	0.9737	0.9169	0.9606	0.5823	0.9493	0.9674	0.9414	0.9494
73.3	0.9732	0.8983	0.9549	0.6032	0.9480	0.9604	0.9359	0.9504
73.4	0.9774	0.9117	0.9640	0.6856	0.9372	0.9717	0.9344	0.9413
73.5	0.9812	0.9461	0.9758	0.7812	0.9570	0.9744	0.9439	0.9495
73.6	0.9824	0.9456	0.9707	0.8225	0.9432	0.9678	0.9318	0.9433
73.7	0.9767	0.9359	0.9649	0.8600	0.9394	0.9608	0.9328	0.9437
73.8	0.9801	0.9481	0.9721	0.8684	0.9550	0.9631	0.9434	0.9571
73.9	0.9785	0.9380	0.9674	0.8407	0.9522	0.9558	0.9380	0.9400
74.0	0.9776	0.9429	0.9711	0.8690	0.9266	0.9508	0.9296	0.9393
74.1	0.9824	0.9506	0.9751	0.8992	0.9536	0.9601	0.9335	0.9457
74.2	0.9837	0.9516	0.9773	0.9237	0.9558	0.9497	0.9346	0.9521
74.3	0.9861	0.9526	0.9816	0.9355	0.9662	0.9572	0.9356	0.9588
74.4	0.9775	0.9521	0.9719	0.9109	0.9391	0.9377	0.9275	0.9432
74.5	0.9760	0.9368	0.9623	0.8928	0.9060	0.9130	0.9240	0.9334
74.6	0.9830	0.9313	0.9709	0.9092	0.9340	0.9225	0.9256	0.9417
74.7	0.9838	0.9686	0.9798	0.9241	0.9504	0.9337	0.9431	0.9529
74.8	0.9852	0.9719	0.9837	0.9287	0.9572	0.9299	0.9536	0.9673
74.9	0.9859	0.9741	0.9858	0.9471	0.9701	0.9353	0.9484	0.9698
75.0	0.9876	0.9721	0.9823	0.9450	0.9658	0.9285	0.9495	0.9655
75.1	0.9832	0.9689	0.9777	0.9305	0.9355	0.9117	0.9347	0.9528
75.2	0.9821	0.9679	0.9789	0.9284	0.9419	0.9010	0.9305	0.9553
75.3	0.9826	0.9776	0.9845	0.9339	0.9521	0.9014	0.9367	0.9692
75.4	0.9812	0.9733	0.9822	0.9144	0.9466	0.8560	0.9160	0.9634
75.5	0.9831	0.9710	0.9812	0.9038	0.9439	0.8391	0.9198	0.9613
75.6	0.9761	0.9552	0.9725	0.8914	0.9295	0.7537	0.8927	0.9436
75.7	0.9838	0.9680	0.9819	0.9136	0.9526	0.8002	0.9214	0.9618
75.8	0.9835	0.9725	0.9796	0.9188	0.9541	0.8001	0.9285	0.9575
75.9	0.9804	0.9683	0.9749	0.8770	0.9418	0.7020	0.9324	0.9555
76.0	0.9813	0.9677	0.9792	0.8569	0.9514	0.7575	0.9420	0.9587
76.1	0.9822	0.9702	0.9807	0.8558	0.9429	0.7398	0.9441	0.9604
76.2	0.9803	0.9667	0.9770	0.8297	0.9340	0.7427	0.9397	0.9537
76.3	0.9766	0.9639	0.9769	0.7784	0.9408	0.7127	0.9147	0.9504
76.4	0.9791	0.9659	0.9814	0.7913	0.9430	0.6870	0.9327	0.9552
76.5	0.9792	0.9663	0.9815	0.7539	0.9531	0.6652	0.9325	0.9569
76.6	0.9853	0.9791	0.9850	0.8012	0.9434	0.7038	0.9540	0.9631
76.7	0.9807	0.9731	0.9786	0.7738	0.9473	0.6293	0.9414	0.9575

76.8	0.9856	0.9778	0.9806	0.8391	0.9507	0.6245	0.9361	0.9605
76.9	0.9834	0.9755	0.9830	0.8005	0.9503	0.6592	0.9311	0.9645
77.0	0.9824	0.9687	0.9817	0.8073	0.9505	0.6587	0.9130	0.9602
77.1	0.9841	0.9682	0.9797	0.8003	0.9313	0.6173	0.9142	0.9501
77.2	0.9796	0.9605	0.9761	0.7720	0.9267	0.5469	0.9254	0.9415
77.3	0.9831	0.9698	0.9774	0.8364	0.9418	0.6626	0.9329	0.9521
77.4	0.9889	0.9810	0.9846	0.8557	0.9459	0.6639	0.9340	0.9655
77.5	0.9858	0.9752	0.9831	0.8368	0.9293	0.5858	0.9430	0.9607
77.6	0.9862	0.9774	0.9832	0.8731	0.9417	0.6449	0.9391	0.9552
77.7	0.9850	0.9782	0.9824	0.8781	0.9528	0.6338	0.9533	0.9645
77.8	0.9875	0.9770	0.9808	0.8149	0.9469	0.6372	0.9535	0.9638
77.9	0.9826	0.9619	0.9757	0.8041	0.9368	0.4766	0.9550	0.9493
78.0	0.9851	0.9645	0.9783	0.7425	0.9461	0.3636	0.9578	0.9385
78.1	0.9858	0.9710	0.9778	0.7982	0.9430	0.2941	0.9491	0.9433
78.2	0.9815	0.9505	0.9708	0.7429	0.9167	0.1847	0.9437	0.9342
78.3	0.9831	0.9629	0.9751	0.7136	0.9214	0.1958	0.9507	0.9553
78.4	0.9858	0.9732	0.9830	0.8477	0.9535	0.1294	0.9694	0.9604
78.5	0.9825	0.9659	0.9795	0.8407	0.9480	0.0265	0.9684	0.9502
78.6	0.9822	0.9657	0.9752	0.8076	0.9353	0.0705	0.9581	0.9326
78.7	0.9871	0.9689	0.9792	0.8076	0.9435	0.0842	0.9647	0.9290
78.8	0.9817	0.9523	0.9710	0.7742	0.9181	0.2306	0.9618	0.9316
78.9	0.9828	0.9486	0.9709	0.7504	0.9256	0.2401	0.9686	0.9311
79.0	0.9807	0.9456	0.9732	0.4931	0.9251	0.5792	0.9485	0.9056
79.1	0.9689	0.9205	0.9631	0.8017	0.9061	0.7324	0.9523	0.8978
79.2	0.9738	0.9417	0.9641	0.8369	0.9151	0.6625	0.9596	0.8948
79.3	0.9696	0.9109	0.9640	0.7897	0.9050	0.4098	0.9531	0.8553
79.4	0.9746	0.9451	0.9781	0.8152	0.9458	0.5627	0.9604	0.8962
79.5	0.9815	0.9578	0.9807	0.8097	0.9218	0.7006	0.9564	0.9118
79.6	0.9775	0.9267	0.9759	0.7837	0.9035	0.6556	0.9530	0.8593
79.7	0.9794	0.9179	0.9776	0.8162	0.9323	0.7083	0.9616	0.8820
79.8	0.9818	0.9137	0.9758	0.8362	0.9399	0.7682	0.9665	0.8713
79.9	0.9734	0.8803	0.9679	0.7697	0.9178	0.7404	0.9558	0.7685
80.0	0.9683	0.8666	0.9740	0.7432	0.9145	0.7796	0.9407	0.7171

2.2.6 Run 1 – IP000 – Accels 41–47

In-plane shaking at 0°. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9887	0.9773	0.8687	0.9906	0.9665	0.9332	0.7437
0.1	0.0033	0.0098	0.0164	0.0098	0.0424	0.0139	0.0111
0.2	0.0048	0.0227	0.0218	0.0058	0.0395	0.0131	0.0119
0.3	0.0471	0.0207	0.0388	0.0279	0.0188	0.0005	0.0168
0.4	0.0104	0.0054	0.0667	0.0147	0.0094	0.0600	0.0056
0.5	0.0109	0.0301	0.0023	0.0051	0.0020	0.0102	0.0316
0.6	0.0300	0.0000	0.0039	0.0069	0.0035	0.0147	0.0117
0.7	0.0061	0.0042	0.0462	0.0153	0.0036	0.0152	0.0762
0.8	0.0004	0.0178	0.0093	0.0977	0.0034	0.0282	0.0169
0.9	0.0077	0.0387	0.0009	0.1947	0.0011	0.0279	0.0042
1.0	0.1356	0.0258	0.0439	0.2090	0.0082	0.0128	0.0018
1.1	0.2654	0.0004	0.0539	0.5665	0.0053	0.0750	0.0006
1.2	0.7096	0.0309	0.0127	0.8713	0.0161	0.2220	0.1398
1.3	0.5771	0.0856	0.0128	0.7416	0.0050	0.0498	0.0117
1.4	0.8406	0.0676	0.2175	0.9295	0.1499	0.1743	0.0140
1.5	0.9547	0.7331	0.4442	0.9410	0.6903	0.3017	0.0705
1.6	0.9595	0.8058	0.6604	0.9908	0.8287	0.6952	0.2974
1.7	0.9908	0.7654	0.8540	0.9961	0.8459	0.8702	0.2470
1.8	0.9979	0.8925	0.9547	0.9988	0.9370	0.9503	0.3530
1.9	0.9992	0.9380	0.9870	0.9995	0.9596	0.9891	0.5675
2.0	0.9996	0.9584	0.9943	0.9997	0.9665	0.9951	0.8895
2.1	0.9990	0.9193	0.9921	0.9991	0.9244	0.9928	0.9007
2.2	0.9900	0.7103	0.9754	0.9915	0.6752	0.9765	0.8061
2.3	0.9246	0.5683	0.9108	0.9232	0.3521	0.9097	0.8043
2.4	0.9868	0.5871	0.9666	0.9862	0.1529	0.9594	0.8798
2.5	0.9973	0.4937	0.9705	0.9972	0.3294	0.9700	0.8651
2.6	0.9984	0.3574	0.9696	0.9985	0.5277	0.9694	0.8597
2.7	0.9992	0.4564	0.9693	0.9992	0.6557	0.9704	0.8824
2.8	0.9996	0.4869	0.9698	0.9997	0.7976	0.9737	0.9144
2.9	0.9996	0.4306	0.9257	0.9997	0.7975	0.9601	0.9057
3.0	0.9998	0.5234	0.8966	0.9998	0.8750	0.9526	0.9399
3.1	0.9998	0.4774	0.7662	0.9999	0.9202	0.9287	0.9477
3.2	0.9999	0.6013	0.7698	0.9999	0.9392	0.7644	0.9459
3.3	0.9999	0.5759	0.9331	0.9999	0.9215	0.7003	0.9400
3.4	0.9997	0.4399	0.9547	0.9998	0.9109	0.8698	0.8997
3.5	0.9997	0.3850	0.9662	0.9997	0.8719	0.9205	0.8652
3.6	0.9995	0.3627	0.9840	0.9997	0.8724	0.9601	0.8453
3.7	0.9997	0.3387	0.9863	0.9997	0.8476	0.9724	0.7967
3.8	0.9995	0.1313	0.9889	0.9996	0.8697	0.9787	0.7472
3.9	0.9996	0.1977	0.9922	0.9997	0.8097	0.9871	0.7561
4.0	0.9993	0.1045	0.9940	0.9995	0.7683	0.9865	0.7032
4.1	0.9992	0.2050	0.9942	0.9995	0.7427	0.9898	0.6243
4.2	0.9992	0.2293	0.9933	0.9995	0.6724	0.9904	0.6327
4.3	0.9990	0.3264	0.9933	0.9993	0.5582	0.9893	0.5883
4.4	0.9986	0.3515	0.9949	0.9994	0.5556	0.9922	0.5296
4.5	0.9994	0.3500	0.9964	0.9995	0.8181	0.9950	0.4040
4.6	0.9986	0.1379	0.9965	0.9991	0.7478	0.9956	0.2352
4.7	0.9986	0.0778	0.9968	0.9990	0.6430	0.9938	0.2390
4.8	0.9984	0.0498	0.9961	0.9987	0.5758	0.9943	0.2305
4.9	0.9975	0.2071	0.9965	0.9981	0.4832	0.9955	0.1909
5.0	0.9979	0.1641	0.9964	0.9985	0.5619	0.9956	0.1012
5.1	0.9968	0.3181	0.9968	0.9977	0.4731	0.9962	0.1306
5.2	0.9971	0.3094	0.9975	0.9978	0.6124	0.9975	0.1568
5.3	0.9972	0.2357	0.9970	0.9978	0.5612	0.9964	0.0682
5.4	0.9967	0.4047	0.9980	0.9975	0.5770	0.9968	0.0665
5.5	0.9965	0.5355	0.9982	0.9977	0.6581	0.9984	0.0492
5.6	0.9967	0.3958	0.9985	0.9977	0.7003	0.9982	0.0062
5.7	0.9970	0.5163	0.9988	0.9978	0.7407	0.9984	0.0411
5.8	0.9957	0.6742	0.9987	0.9968	0.7448	0.9983	0.0064
5.9	0.9954	0.6591	0.9978	0.9966	0.7824	0.9975	0.0814
6.0	0.9939	0.7067	0.9981	0.9957	0.7748	0.9980	0.0560
6.1	0.9942	0.5368	0.9978	0.9959	0.8296	0.9977	0.2604
6.2	0.9953	0.6586	0.9979	0.9963	0.8418	0.9978	0.2928
6.3	0.9937	0.7034	0.9985	0.9948	0.8848	0.9981	0.4718
6.4	0.9926	0.5701	0.9983	0.9947	0.8240	0.9981	0.4487
6.5	0.9934	0.2513	0.9915	0.9946	0.7998	0.9881	0.5040
6.6	0.9932	0.5265	0.9984	0.9940	0.8530	0.9983	0.5520
6.7	0.9908	0.5044	0.9982	0.9919	0.8683	0.9980	0.6203
6.8	0.9932	0.6332	0.9988	0.9933	0.8685	0.9987	0.7135
6.9	0.9940	0.7029	0.9985	0.9956	0.8957	0.9984	0.7969
7.0	0.9925	0.7407	0.9977	0.9929	0.8983	0.9976	0.8405
7.1	0.9945	0.7845	0.9968	0.9958	0.9010	0.9968	0.8699
7.2	0.9947	0.9111	0.9973	0.9946	0.9315	0.9974	0.9297
7.3	0.9960	0.9312	0.9969	0.9965	0.9140	0.9968	0.9288
7.4	0.9936	0.8919	0.9966	0.9940	0.8272	0.9967	0.8477
7.5	0.9916	0.5460	0.9938	0.9921	0.2548	0.9937	0.4974
7.6	0.9926	0.1245	0.9930	0.9932	0.3043	0.9929	0.3369
7.7	0.9943	0.3314	0.9956	0.9948	0.2520	0.9959	0.4986
7.8	0.9967	0.4625	0.9951	0.9964	0.3947	0.9949	0.6481
7.9	0.9945	0.4397	0.9930	0.9947	0.2630	0.9933	0.7113

8.0	0.9935	0.3915	0.9883	0.9941	0.4208	0.9880	0.7474
8.1	0.9949	0.5333	0.9846	0.9955	0.0151	0.9856	0.6594
8.2	0.9944	0.3951	0.9895	0.9957	0.2328	0.9894	0.7669
8.3	0.9966	0.4225	0.9894	0.9966	0.3320	0.9903	0.6548
8.4	0.9941	0.4807	0.9906	0.9956	0.2681	0.9902	0.6779
8.5	0.9952	0.6227	0.9904	0.9958	0.4921	0.9909	0.6789
8.6	0.9958	0.4181	0.9948	0.9969	0.5185	0.9944	0.7661
8.7	0.9951	0.6102	0.9963	0.9967	0.5078	0.9959	0.8029
8.8	0.9968	0.5464	0.9969	0.9971	0.7301	0.9959	0.8598
8.9	0.9965	0.4789	0.9976	0.9973	0.6759	0.9970	0.9258
9.0	0.9957	0.5630	0.9967	0.9962	0.5393	0.9967	0.9025
9.1	0.9946	0.6330	0.9950	0.9951	0.6677	0.9950	0.8872
9.2	0.9953	0.7155	0.9939	0.9952	0.8147	0.9933	0.9463
9.3	0.9956	0.7791	0.9970	0.9954	0.8697	0.9970	0.9751
9.4	0.9969	0.8700	0.9983	0.9965	0.9313	0.9984	0.9845
9.5	0.9967	0.8119	0.9987	0.9958	0.9201	0.9987	0.9885
9.6	0.9966	0.7725	0.9982	0.9947	0.8581	0.9982	0.9831
9.7	0.9957	0.7515	0.9991	0.9941	0.8850	0.9991	0.9771
9.8	0.9960	0.7651	0.9992	0.9951	0.8473	0.9993	0.9751
9.9	0.9964	0.6330	0.9989	0.9953	0.8567	0.9990	0.9765
10.0	0.9937	0.5350	0.9990	0.9926	0.5943	0.9989	0.9461
10.1	0.9963	0.5847	0.9990	0.9960	0.7524	0.9989	0.9693
10.2	0.9967	0.5420	0.9992	0.9964	0.6800	0.9991	0.9648
10.3	0.9959	0.5637	0.9992	0.9958	0.7075	0.9992	0.9492
10.4	0.9969	0.6768	0.9993	0.9969	0.7444	0.9994	0.9604
10.5	0.9967	0.6737	0.9990	0.9961	0.6042	0.9991	0.9348
10.6	0.9945	0.6017	0.9986	0.9957	0.4559	0.9987	0.9100
10.7	0.9963	0.6075	0.9991	0.9966	0.4151	0.9991	0.9117
10.8	0.9973	0.5693	0.9989	0.9975	0.4547	0.9990	0.9205
10.9	0.9970	0.6014	0.9986	0.9966	0.3295	0.9985	0.9180
11.0	0.9961	0.6094	0.9989	0.9963	0.3096	0.9988	0.9312
11.1	0.9964	0.7477	0.9989	0.9965	0.4173	0.9990	0.9111
11.2	0.9962	0.7910	0.9992	0.9966	0.6126	0.9990	0.9019
11.3	0.9964	0.7987	0.9988	0.9968	0.5545	0.9988	0.9192
11.4	0.9963	0.8217	0.9987	0.9970	0.6688	0.9984	0.9292
11.5	0.9972	0.7418	0.9987	0.9972	0.7125	0.9987	0.9439
11.6	0.9965	0.5769	0.9987	0.9971	0.7038	0.9987	0.9453
11.7	0.9965	0.3391	0.9984	0.9966	0.7365	0.9986	0.9177
11.8	0.9950	0.2036	0.9981	0.9951	0.7017	0.9980	0.9038
11.9	0.9965	0.0804	0.9983	0.9968	0.6924	0.9985	0.9139
12.0	0.9958	0.2148	0.9980	0.9963	0.6728	0.9978	0.8546
12.1	0.9965	0.3192	0.9981	0.9959	0.5861	0.9980	0.7795
12.2	0.9946	0.3956	0.9977	0.9943	0.3921	0.9973	0.7419
12.3	0.9954	0.2756	0.9977	0.9958	0.3145	0.9980	0.7310
12.4	0.9963	0.4661	0.9977	0.9972	0.2697	0.9977	0.7707
12.5	0.9961	0.5571	0.9982	0.9969	0.2720	0.9982	0.7433
12.6	0.9968	0.7118	0.9977	0.9968	0.4279	0.9976	0.7388
12.7	0.9973	0.7470	0.9986	0.9977	0.4423	0.9985	0.6745
12.8	0.9967	0.7982	0.9981	0.9971	0.5665	0.9983	0.5427
12.9	0.9966	0.8178	0.9983	0.9970	0.5572	0.9982	0.5496
13.0	0.9976	0.8329	0.9988	0.9980	0.5204	0.9984	0.6413
13.1	0.9980	0.8426	0.9982	0.9976	0.6405	0.9974	0.5072
13.2	0.9978	0.8531	0.9981	0.9979	0.6624	0.9977	0.5006
13.3	0.9974	0.8815	0.9977	0.9972	0.6785	0.9976	0.5108
13.4	0.9971	0.9058	0.9969	0.9964	0.8202	0.9959	0.4558
13.5	0.9967	0.9075	0.9966	0.9968	0.7885	0.9969	0.5282
13.6	0.9975	0.9220	0.9974	0.9972	0.8418	0.9966	0.8058
13.7	0.9964	0.9310	0.9959	0.9953	0.8675	0.9949	0.8564
13.8	0.9960	0.9309	0.9963	0.9959	0.9199	0.9952	0.8428
13.9	0.9967	0.9476	0.9955	0.9969	0.9251	0.9942	0.8894
14.0	0.9970	0.9504	0.9965	0.9969	0.9432	0.9959	0.9405
14.1	0.9970	0.9531	0.9968	0.9966	0.9311	0.9959	0.9433
14.2	0.9973	0.9594	0.9966	0.9972	0.9475	0.9956	0.9551
14.3	0.9968	0.9488	0.9958	0.9957	0.9414	0.9956	0.9486
14.4	0.9957	0.9586	0.9944	0.9955	0.9440	0.9940	0.9664
14.5	0.9968	0.9594	0.9954	0.9968	0.9482	0.9949	0.9617
14.6	0.9962	0.9288	0.9931	0.9954	0.9313	0.9922	0.9412
14.7	0.9961	0.9491	0.9943	0.9957	0.9410	0.9948	0.9549
14.8	0.9966	0.9524	0.9942	0.9962	0.9449	0.9949	0.9641
14.9	0.9943	0.9333	0.9881	0.9937	0.9332	0.9899	0.9548
15.0	0.9946	0.9313	0.9910	0.9950	0.9334	0.9926	0.9479
15.1	0.9939	0.9035	0.9901	0.9926	0.9128	0.9926	0.9278
15.2	0.9942	0.8839	0.9884	0.9940	0.8624	0.9906	0.9278
15.3	0.9940	0.8860	0.9845	0.9936	0.8398	0.9894	0.8777
15.4	0.9931	0.8931	0.9881	0.9938	0.8094	0.9903	0.8270
15.5	0.9929	0.8924	0.9890	0.9923	0.8371	0.9912	0.8131
15.6	0.9939	0.9215	0.9890	0.9939	0.8983	0.9908	0.8907
15.7	0.9927	0.9422	0.9888	0.9925	0.9151	0.9913	0.9008
15.8	0.9919	0.9505	0.9871	0.9908	0.9363	0.9903	0.9232
15.9	0.9893	0.9449	0.9840	0.9893	0.9384	0.9860	0.9164
16.0	0.9896	0.9530	0.9865	0.9886	0.9512	0.9865	0.9462
16.1	0.9883	0.9563	0.9855	0.9879	0.9581	0.9847	0.9526
16.2	0.9852	0.9600	0.9819	0.9847	0.9620	0.9827	0.9495
16.3	0.9786	0.9444	0.9744	0.9785	0.9452	0.9762	0.9312
16.4	0.9808	0.9627	0.9786	0.9811	0.9644	0.9771	0.9489
16.5	0.9809	0.9660	0.9790	0.9800	0.9661	0.9780	0.9483

16.6	0.9759	0.9610	0.9722	0.9762	0.9639	0.9712	0.9565
16.7	0.9784	0.9680	0.9740	0.9792	0.9701	0.9742	0.9635
16.8	0.9755	0.9651	0.9713	0.9756	0.9674	0.9713	0.9623
16.9	0.9702	0.9619	0.9653	0.9705	0.9629	0.9653	0.9559
17.0	0.9818	0.9696	0.9797	0.9824	0.9731	0.9792	0.9670
17.1	0.9881	0.9757	0.9840	0.9883	0.9792	0.9848	0.9719
17.2	0.9888	0.9859	0.9867	0.9887	0.9864	0.9877	0.9836
17.3	0.9917	0.9824	0.9902	0.9920	0.9846	0.9902	0.9845
17.4	0.9924	0.9792	0.9909	0.9922	0.9834	0.9917	0.9835
17.5	0.9935	0.9835	0.9919	0.9938	0.9877	0.9926	0.9876
17.6	0.9937	0.9897	0.9932	0.9935	0.9927	0.9944	0.9911
17.7	0.9960	0.9882	0.9953	0.9961	0.9910	0.9959	0.9909
17.8	0.9962	0.9888	0.9950	0.9962	0.9912	0.9960	0.9916
17.9	0.9965	0.9900	0.9955	0.9965	0.9934	0.9968	0.9932
18.0	0.9972	0.9905	0.9964	0.9974	0.9948	0.9973	0.9939
18.1	0.9977	0.9935	0.9977	0.9976	0.9952	0.9978	0.9946
18.2	0.9980	0.9939	0.9979	0.9979	0.9957	0.9983	0.9956
18.3	0.9980	0.9953	0.9978	0.9980	0.9962	0.9981	0.9956
18.4	0.9975	0.9956	0.9976	0.9973	0.9965	0.9979	0.9951
18.5	0.9981	0.9957	0.9980	0.9980	0.9966	0.9983	0.9966
18.6	0.9980	0.9947	0.9976	0.9980	0.9963	0.9981	0.9954
18.7	0.9985	0.9964	0.9988	0.9984	0.9973	0.9989	0.9966
18.8	0.9984	0.9956	0.9985	0.9984	0.9963	0.9986	0.9946
18.9	0.9985	0.9949	0.9985	0.9984	0.9957	0.9986	0.9936
19.0	0.9985	0.9946	0.9989	0.9984	0.9963	0.9989	0.9931
19.1	0.9987	0.9957	0.9987	0.9987	0.9968	0.9991	0.9943
19.2	0.9989	0.9951	0.9990	0.9988	0.9966	0.9992	0.9930
19.3	0.9988	0.9944	0.9989	0.9988	0.9962	0.9991	0.9944
19.4	0.9989	0.9924	0.9988	0.9988	0.9946	0.9988	0.9936
19.5	0.9989	0.9927	0.9989	0.9989	0.9945	0.9991	0.9936
19.6	0.9980	0.9908	0.9983	0.9981	0.9933	0.9987	0.9933
19.7	0.9979	0.9889	0.9982	0.9977	0.9915	0.9987	0.9949
19.8	0.9980	0.9871	0.9988	0.9980	0.9909	0.9991	0.9950
19.9	0.9977	0.9853	0.9983	0.9976	0.9878	0.9989	0.9932
20.0	0.9969	0.9740	0.9981	0.9971	0.9818	0.9985	0.9859
20.1	0.9965	0.9620	0.9975	0.9969	0.9757	0.9981	0.9820
20.2	0.9963	0.9790	0.9975	0.9964	0.9848	0.9981	0.9863
20.3	0.9949	0.9723	0.9969	0.9948	0.9807	0.9982	0.9860
20.4	0.9941	0.9804	0.9965	0.9939	0.9864	0.9978	0.9838
20.5	0.9933	0.9767	0.9963	0.9927	0.9838	0.9976	0.9815
20.6	0.9927	0.9777	0.9960	0.9921	0.9844	0.9974	0.9794
20.7	0.9939	0.9733	0.9966	0.9939	0.9794	0.9978	0.9804
20.8	0.9937	0.9766	0.9967	0.9934	0.9828	0.9975	0.9833
20.9	0.9920	0.9702	0.9956	0.9917	0.9774	0.9973	0.9773
21.0	0.9885	0.9572	0.9945	0.9888	0.9687	0.9955	0.9682
21.1	0.9883	0.9720	0.9931	0.9873	0.9769	0.9955	0.9718
21.2	0.9843	0.9577	0.9920	0.9827	0.9697	0.9949	0.9713
21.3	0.9865	0.9554	0.9926	0.9859	0.9626	0.9960	0.9639
21.4	0.9850	0.9427	0.9899	0.9851	0.9543	0.9939	0.9539
21.5	0.9858	0.9490	0.9893	0.9848	0.9548	0.9931	0.9579
21.6	0.9864	0.9563	0.9887	0.9863	0.9612	0.9934	0.9574
21.7	0.9859	0.9344	0.9845	0.9842	0.9383	0.9904	0.9458
21.8	0.9842	0.9164	0.9788	0.9826	0.9266	0.9868	0.9301
21.9	0.9833	0.8921	0.9725	0.9828	0.8963	0.9819	0.8927
22.0	0.9825	0.8920	0.9723	0.9810	0.8848	0.9834	0.8723
22.1	0.9810	0.8595	0.9620	0.9790	0.8586	0.9739	0.8290
22.2	0.9851	0.8642	0.9670	0.9836	0.8505	0.9836	0.8041
22.3	0.9848	0.8479	0.9285	0.9808	0.8343	0.9604	0.6670
22.4	0.9842	0.7696	0.8581	0.9849	0.7423	0.9601	0.4344
22.5	0.9776	0.7397	0.7517	0.9769	0.7068	0.9142	0.4189
22.6	0.9804	0.7190	0.8903	0.9772	0.6782	0.9623	0.5113
22.7	0.9859	0.6991	0.9426	0.9833	0.6393	0.9759	0.4636
22.8	0.9841	0.6589	0.9424	0.9823	0.5881	0.9787	0.5298
22.9	0.9891	0.6210	0.9602	0.9862	0.5227	0.9846	0.6654
23.0	0.9862	0.5578	0.9512	0.9865	0.4017	0.9848	0.6219
23.1	0.9859	0.4758	0.9387	0.9838	0.3829	0.9778	0.6704
23.2	0.9881	0.5517	0.9480	0.9861	0.4443	0.9828	0.6992
23.3	0.9881	0.3723	0.9551	0.9864	0.2265	0.9846	0.6710
23.4	0.9877	0.3580	0.9608	0.9853	0.2140	0.9881	0.7326
23.5	0.9893	0.5246	0.9653	0.9886	0.3855	0.9889	0.7642
23.6	0.9915	0.6404	0.9717	0.9890	0.4715	0.9890	0.6927
23.7	0.9903	0.6396	0.9574	0.9857	0.4853	0.9854	0.5431
23.8	0.9866	0.6196	0.9407	0.9847	0.4519	0.9835	0.4757
23.9	0.9874	0.5451	0.9534	0.9850	0.3053	0.9867	0.5482
24.0	0.9844	0.5440	0.9573	0.9821	0.2664	0.9828	0.5286
24.1	0.9863	0.6094	0.9488	0.9851	0.3799	0.9849	0.5812
24.2	0.9874	0.6233	0.9535	0.9871	0.3967	0.9886	0.6377
24.3	0.9796	0.4984	0.9548	0.9805	0.2435	0.9854	0.6371
24.4	0.9766	0.4599	0.9222	0.9725	0.2185	0.9804	0.6193
24.5	0.9851	0.6394	0.9551	0.9847	0.2439	0.9870	0.7859
24.6	0.9850	0.6523	0.9450	0.9872	0.3107	0.9874	0.7986
24.7	0.9844	0.6114	0.9448	0.9823	0.1416	0.9851	0.7778
24.8	0.9802	0.5291	0.9200	0.9744	0.1285	0.9857	0.7794
24.9	0.9702	0.5277	0.8997	0.9724	0.1643	0.9795	0.8272
25.0	0.9757	0.4217	0.9153	0.9727	0.0998	0.9856	0.8062
25.1	0.9654	0.4179	0.8628	0.9645	0.0765	0.9739	0.7634

25.2	0.9605	0.3744	0.8384	0.9617	0.0780	0.9667	0.7672
25.3	0.9590	0.3917	0.7293	0.9597	0.1014	0.9704	0.7781
25.4	0.9574	0.3825	0.6711	0.9550	0.1637	0.9475	0.7957
25.5	0.9669	0.2533	0.7549	0.9610	0.2505	0.9612	0.7270
25.6	0.9632	0.1720	0.6468	0.9653	0.1635	0.9645	0.7304
25.7	0.9666	0.0982	0.6075	0.9645	0.0952	0.9566	0.7791
25.8	0.9533	0.1290	0.4102	0.9542	0.1317	0.9530	0.8051
25.9	0.9660	0.2300	0.1549	0.9609	0.2067	0.9565	0.8532
26.0	0.9550	0.1792	0.0167	0.9545	0.1435	0.9452	0.7993
26.1	0.9483	0.0386	0.3199	0.9427	0.1764	0.9361	0.8091
26.2	0.9686	0.0626	0.5619	0.9569	0.3694	0.9393	0.8462
26.3	0.9612	0.1399	0.7287	0.9456	0.2516	0.9396	0.8457
26.4	0.9613	0.3549	0.8532	0.9524	0.4841	0.9371	0.8883
26.5	0.9527	0.0739	0.8812	0.9424	0.2730	0.9010	0.8223
26.6	0.9648	0.3999	0.9314	0.9571	0.5320	0.9269	0.8983
26.7	0.9575	0.5628	0.9468	0.9514	0.6729	0.8986	0.8880
26.8	0.9442	0.5821	0.9303	0.9272	0.6453	0.8506	0.8121
26.9	0.9396	0.6999	0.9420	0.9192	0.6756	0.9044	0.8358
27.0	0.9561	0.7890	0.9678	0.9435	0.7189	0.9221	0.8819
27.1	0.9600	0.7155	0.9444	0.9425	0.6255	0.9262	0.8711
27.2	0.9515	0.5526	0.9006	0.9283	0.3601	0.8779	0.7911
27.3	0.9358	0.5640	0.9352	0.9327	0.3440	0.9017	0.8418
27.4	0.9470	0.3326	0.9403	0.9338	0.2653	0.8977	0.8717
27.5	0.9204	0.4168	0.8944	0.9240	0.1767	0.9085	0.8146
27.6	0.9224	0.3085	0.8891	0.8878	0.1444	0.8354	0.7167
27.7	0.9241	0.2204	0.8798	0.8906	0.0767	0.8534	0.7984
27.8	0.9422	0.1420	0.9050	0.9193	0.0065	0.8643	0.8187
27.9	0.9435	0.0353	0.9182	0.9035	0.0494	0.8562	0.8373
28.0	0.9097	0.0642	0.8988	0.8835	0.0570	0.7707	0.7993
28.1	0.9106	0.2507	0.9136	0.8867	0.0779	0.6801	0.7552
28.2	0.9348	0.2253	0.9026	0.9179	0.0475	0.7239	0.7779
28.3	0.9121	0.1587	0.9014	0.9125	0.0663	0.7126	0.7642
28.4	0.8612	0.1288	0.8221	0.7923	0.0655	0.5265	0.6653
28.5	0.8866	0.0241	0.8494	0.8225	0.0189	0.5176	0.7087
28.6	0.8926	0.0790	0.9158	0.8513	0.0227	0.4824	0.7402
28.7	0.8445	0.0850	0.8989	0.7690	0.0752	0.4388	0.7256
28.8	0.7691	0.0538	0.8495	0.6968	0.0594	0.5482	0.6374
28.9	0.7925	0.0092	0.8182	0.7026	0.1212	0.4793	0.5874
29.0	0.7591	0.0799	0.8912	0.7510	0.0245	0.4657	0.6842
29.1	0.7012	0.1051	0.8900	0.5969	0.0374	0.4499	0.7000
29.2	0.5409	0.0122	0.8621	0.3245	0.0309	0.3048	0.5661
29.3	0.4207	0.0727	0.7921	0.2998	0.0720	0.3927	0.6515
29.4	0.3554	0.0565	0.7185	0.2258	0.0617	0.5139	0.4719
29.5	0.2864	0.0333	0.7560	0.1197	0.0565	0.4826	0.3884
29.6	0.2349	0.0068	0.6858	0.2131	0.0361	0.5421	0.2523
29.7	0.0645	0.0066	0.5129	0.0529	0.0036	0.3855	0.1035
29.8	0.0095	0.0024	0.5693	0.0445	0.0250	0.4019	0.0212
29.9	0.0792	0.0134	0.1755	0.1637	0.0238	0.0130	0.0958
30.0	0.1510	0.0425	0.5180	0.2238	0.0549	0.3768	0.0239
30.1	0.2821	0.0284	0.2232	0.1955	0.0103	0.3435	0.1018
30.2	0.3597	0.0094	0.2570	0.2844	0.0302	0.4729	0.0645
30.3	0.4000	0.0246	0.1512	0.3517	0.0396	0.4589	0.0874
30.4	0.5450	0.0017	0.1367	0.4814	0.0021	0.4252	0.0272
30.5	0.6106	0.0077	0.1863	0.5941	0.0116	0.5874	0.2289
30.6	0.5977	0.0063	0.1053	0.6149	0.0122	0.5434	0.2625
30.7	0.7415	0.0116	0.0886	0.6452	0.0085	0.5550	0.2088
30.8	0.7233	0.0472	0.0943	0.7292	0.0278	0.5146	0.1531
30.9	0.7614	0.0343	0.1310	0.7789	0.0058	0.4257	0.0738
31.0	0.8344	0.0129	0.0621	0.7703	0.0098	0.5122	0.0916
31.1	0.7874	0.0810	0.0103	0.7916	0.0059	0.4271	0.0887
31.2	0.8061	0.0617	0.1279	0.8018	0.0145	0.3156	0.0876
31.3	0.6773	0.0986	0.0639	0.6337	0.0087	0.1146	0.0833
31.4	0.8239	0.0430	0.1084	0.7964	0.0169	0.4266	0.1723
31.5	0.9125	0.1181	0.1648	0.8804	0.0383	0.4295	0.1506
31.6	0.9234	0.0662	0.0931	0.8810	0.0029	0.4219	0.2449
31.7	0.8994	0.1116	0.2145	0.9030	0.0010	0.3152	0.2681
31.8	0.9199	0.0902	0.2392	0.9132	0.0422	0.3088	0.3013
31.9	0.9273	0.0262	0.2418	0.9128	0.0481	0.3620	0.2917
32.0	0.9071	0.0575	0.2175	0.9124	0.0192	0.2731	0.2819
32.1	0.8848	0.0070	0.1292	0.9291	0.0169	0.1001	0.1565
32.2	0.8894	0.0409	0.2527	0.9110	0.0150	0.2372	0.2045
32.3	0.9021	0.0768	0.4001	0.9224	0.0021	0.3934	0.3199
32.4	0.9224	0.0169	0.4648	0.8958	0.0290	0.4560	0.3463
32.5	0.9031	0.0387	0.4338	0.9260	0.0420	0.4214	0.2901
32.6	0.9239	0.2114	0.4630	0.9462	0.1308	0.3865	0.3985
32.7	0.9408	0.1010	0.4724	0.9526	0.0549	0.4065	0.3794
32.8	0.9072	0.0188	0.4674	0.9261	0.0057	0.4389	0.3838
32.9	0.9360	0.0569	0.4759	0.9421	0.0232	0.3863	0.4356
33.0	0.9530	0.1168	0.3941	0.9555	0.0855	0.3825	0.4927
33.1	0.9419	0.0270	0.4648	0.9449	0.0855	0.4627	0.5516
33.2	0.9545	0.0991	0.5409	0.9538	0.0507	0.4770	0.5448
33.3	0.9559	0.1889	0.5903	0.9593	0.0828	0.3924	0.6092
33.4	0.9411	0.2167	0.4262	0.9543	0.0798	0.2931	0.5089
33.5	0.9425	0.1458	0.3481	0.9402	0.0333	0.2642	0.6150
33.6	0.9256	0.0928	0.3130	0.9088	0.0402	0.3292	0.5184
33.7	0.9028	0.1986	0.3389	0.8992	0.1053	0.3889	0.5270

33.8	0.9195	0.1538	0.3706	0.8979	0.0269	0.5664	0.7326
33.9	0.8976	0.2531	0.2368	0.8796	0.0718	0.4618	0.6530
34.0	0.9086	0.1082	0.4064	0.8966	0.0042	0.5732	0.5863
34.1	0.9321	0.0704	0.3659	0.9364	0.0094	0.6382	0.4654
34.2	0.9315	0.1208	0.2331	0.9169	0.0236	0.4929	0.4642
34.3	0.9551	0.2734	0.2871	0.9472	0.0350	0.6042	0.6285
34.4	0.9716	0.2523	0.4598	0.9640	0.0137	0.6552	0.7450
34.5	0.9681	0.2691	0.2828	0.9712	0.0128	0.5804	0.7174
34.6	0.9764	0.1862	0.4427	0.9750	0.0168	0.6909	0.8053
34.7	0.9826	0.2157	0.5505	0.9847	0.1001	0.7603	0.8591
34.8	0.9804	0.2133	0.3338	0.9798	0.0138	0.6612	0.8188
34.9	0.9745	0.1869	0.2309	0.9799	0.0277	0.6059	0.7548
35.0	0.9777	0.3713	0.2694	0.9835	0.1397	0.6667	0.7396
35.1	0.9810	0.3684	0.2631	0.9813	0.2298	0.6033	0.7570
35.2	0.9755	0.2055	0.0676	0.9767	0.1811	0.4662	0.6957
35.3	0.9758	0.1556	0.0466	0.9784	0.1244	0.4056	0.6707
35.4	0.9735	0.3592	0.1496	0.9708	0.1683	0.4148	0.7014
35.5	0.9690	0.3820	0.1422	0.9603	0.3361	0.5088	0.6450
35.6	0.9702	0.3876	0.1217	0.9689	0.3719	0.3945	0.6037
35.7	0.9538	0.3194	0.1568	0.9533	0.1368	0.3471	0.5744
35.8	0.9617	0.3680	0.1690	0.9566	0.3026	0.4943	0.6635
35.9	0.9537	0.4539	0.3003	0.9508	0.3273	0.4387	0.6572
36.0	0.9505	0.4298	0.3744	0.9508	0.2817	0.4996	0.6679
36.1	0.9712	0.6542	0.5218	0.9702	0.4839	0.7336	0.8447
36.2	0.9784	0.6757	0.6567	0.9781	0.4985	0.7988	0.8665
36.3	0.9633	0.5708	0.4378	0.9599	0.3923	0.7729	0.8305
36.4	0.9560	0.4732	0.4582	0.9566	0.3629	0.7864	0.8193
36.5	0.9715	0.5814	0.6765	0.9723	0.3976	0.8517	0.8692
36.6	0.9779	0.6742	0.6652	0.9778	0.5251	0.8741	0.9105
36.7	0.9804	0.6933	0.7079	0.9820	0.5966	0.8909	0.9110
36.8	0.9791	0.7244	0.7182	0.9802	0.5780	0.8720	0.8940
36.9	0.9743	0.6754	0.6976	0.9733	0.4458	0.8799	0.8642
37.0	0.9814	0.7200	0.8298	0.9822	0.5321	0.8762	0.9085
37.1	0.9825	0.8095	0.8869	0.9841	0.6674	0.8994	0.8827
37.2	0.9721	0.7038	0.8171	0.9749	0.5353	0.9010	0.8469
37.3	0.9792	0.7697	0.8273	0.9781	0.6304	0.8987	0.8545
37.4	0.9807	0.8207	0.6464	0.9838	0.7120	0.7602	0.5281
37.5	0.9794	0.8168	0.8686	0.9765	0.6985	0.9325	0.8914
37.6	0.9803	0.8333	0.9185	0.9776	0.7278	0.9393	0.8884
37.7	0.9845	0.8676	0.9141	0.9824	0.7452	0.9604	0.9024
37.8	0.9814	0.8295	0.8804	0.9790	0.6948	0.9601	0.8952
37.9	0.9765	0.8063	0.8863	0.9726	0.6874	0.9561	0.8822
38.0	0.9750	0.7979	0.8488	0.9724	0.6141	0.9299	0.8460
38.1	0.9742	0.8046	0.8643	0.9720	0.6387	0.9345	0.8301
38.2	0.9824	0.8816	0.8663	0.9802	0.7559	0.9603	0.8933
38.3	0.9791	0.8548	0.7921	0.9753	0.7319	0.9449	0.8753
38.4	0.9697	0.8219	0.6144	0.9655	0.6697	0.9245	0.8739
38.5	0.9713	0.7723	0.6608	0.9659	0.5675	0.9346	0.8837
38.6	0.9809	0.8485	0.4801	0.9782	0.5811	0.9510	0.9221
38.7	0.9772	0.7641	0.2483	0.9742	0.4778	0.9337	0.9138
38.8	0.9682	0.6994	0.0851	0.9672	0.4072	0.9291	0.8924
38.9	0.9764	0.7609	0.0353	0.9749	0.4128	0.9393	0.8794
39.0	0.9757	0.7147	0.0563	0.9735	0.3420	0.9407	0.9071
39.1	0.9844	0.7520	0.1416	0.9821	0.3934	0.9609	0.9194
39.2	0.9843	0.7260	0.3703	0.9814	0.3700	0.9551	0.8988
39.3	0.9785	0.6933	0.5295	0.9768	0.3056	0.9487	0.9011
39.4	0.9812	0.6170	0.5082	0.9776	0.2907	0.9458	0.9041
39.5	0.9745	0.5586	0.7454	0.9736	0.2608	0.9357	0.8796
39.6	0.9790	0.5809	0.8478	0.9763	0.3254	0.9474	0.9097
39.7	0.9818	0.6662	0.8905	0.9813	0.4560	0.9589	0.9220
39.8	0.9832	0.7455	0.9056	0.9830	0.5503	0.9593	0.9125
39.9	0.9836	0.7426	0.9219	0.9822	0.5821	0.9648	0.9283
40.0	0.9836	0.6459	0.9399	0.9826	0.4491	0.9682	0.9019
40.1	0.9799	0.6850	0.9353	0.9799	0.4907	0.9625	0.8991
40.2	0.9773	0.6834	0.9248	0.9742	0.4867	0.9499	0.8099
40.3	0.9850	0.8476	0.9473	0.9834	0.7639	0.9633	0.8364
40.4	0.9835	0.8357	0.9498	0.9825	0.7049	0.9543	0.8110
40.5	0.9873	0.7772	0.9564	0.9849	0.6993	0.9641	0.7291
40.6	0.9863	0.8401	0.9609	0.9858	0.7359	0.9477	0.7038
40.7	0.9853	0.8045	0.9699	0.9838	0.7119	0.9235	0.6287
40.8	0.9870	0.8582	0.9631	0.9869	0.7401	0.9243	0.6840
40.9	0.9856	0.8400	0.9664	0.9866	0.7341	0.9124	0.5385
41.0	0.9837	0.8083	0.9648	0.9845	0.7060	0.8782	0.5823
41.1	0.9859	0.8119	0.9604	0.9859	0.6721	0.7544	0.4687
41.2	0.9920	0.8448	0.9598	0.9919	0.7703	0.7728	0.4925
41.3	0.9918	0.8395	0.9555	0.9921	0.7390	0.6433	0.3952
41.4	0.9884	0.8273	0.9379	0.9877	0.7223	0.4916	0.2332
41.5	0.9900	0.8447	0.9226	0.9897	0.7631	0.7102	0.3124
41.6	0.9934	0.8549	0.9326	0.9924	0.7727	0.7818	0.2337
41.7	0.9924	0.8465	0.9458	0.9912	0.7684	0.3470	0.3417
41.8	0.9938	0.8693	0.9554	0.9936	0.8104	0.6732	0.5233
41.9	0.9940	0.8621	0.9431	0.9908	0.7782	0.7084	0.5657
42.0	0.9943	0.8759	0.9419	0.9943	0.7712	0.8183	0.5996
42.1	0.9954	0.8917	0.9008	0.9935	0.7846	0.9020	0.6737
42.2	0.9900	0.8208	0.8791	0.9908	0.6751	0.8206	0.5031
42.3	0.9905	0.8847	0.9121	0.9907	0.7996	0.8115	0.5660

42.4	0.9945	0.9053	0.9032	0.9935	0.8323	0.9131	0.6255
42.5	0.9930	0.9041	0.8513	0.9913	0.8114	0.9138	0.6422
42.6	0.9945	0.8914	0.7782	0.9933	0.7617	0.9505	0.6819
42.7	0.9951	0.9065	0.7282	0.9932	0.8203	0.9643	0.8127
42.8	0.9955	0.9416	0.7408	0.9934	0.8858	0.9526	0.8018
42.9	0.9959	0.9066	0.4930	0.9941	0.8287	0.9419	0.6653
43.0	0.9947	0.8572	0.3045	0.9944	0.6243	0.9524	0.7423
43.1	0.9948	0.9259	0.4094	0.9930	0.8222	0.9596	0.7930
43.2	0.9960	0.9527	0.5292	0.9951	0.9090	0.9564	0.8474
43.3	0.9956	0.9408	0.6882	0.9942	0.9007	0.9572	0.8088
43.4	0.9957	0.9361	0.7938	0.9948	0.8977	0.9429	0.7887
43.5	0.9938	0.9056	0.7628	0.9922	0.8392	0.9396	0.4538
43.6	0.9939	0.9231	0.8275	0.9920	0.8270	0.9023	0.4218
43.7	0.9960	0.9149	0.8630	0.9946	0.8598	0.9207	0.5688
43.8	0.9963	0.9312	0.8164	0.9940	0.8898	0.9029	0.3820
43.9	0.9953	0.9401	0.8651	0.9936	0.8829	0.9159	0.4324
44.0	0.9955	0.9394	0.7363	0.9937	0.8877	0.9174	0.3196
44.1	0.9948	0.9356	0.8472	0.9930	0.8853	0.8489	0.1839
44.2	0.9950	0.9437	0.8268	0.9934	0.8904	0.8594	0.2714
44.3	0.9952	0.9526	0.9376	0.9945	0.9194	0.8889	0.5985
44.4	0.9960	0.9579	0.9163	0.9954	0.9280	0.6722	0.3468
44.5	0.9963	0.9372	0.8542	0.9936	0.8985	0.1197	0.0966
44.6	0.9957	0.9317	0.8932	0.9945	0.8806	0.7644	0.4960
44.7	0.9952	0.9596	0.9345	0.9936	0.9141	0.8121	0.0453
44.8	0.9956	0.9493	0.9271	0.9934	0.9235	0.7132	0.1209
44.9	0.9957	0.9509	0.9000	0.9944	0.9270	0.8381	0.3604
45.0	0.9962	0.9595	0.9369	0.9917	0.9336	0.8294	0.0913
45.1	0.9966	0.9338	0.7799	0.9945	0.8213	0.5878	0.5667
45.2	0.9960	0.9216	0.9286	0.9926	0.8971	0.7937	0.6795
45.3	0.9962	0.9349	0.9460	0.9949	0.8794	0.8111	0.7026
45.4	0.9945	0.8667	0.9165	0.9934	0.7718	0.2256	0.5939
45.5	0.9948	0.9207	0.9523	0.9924	0.8937	0.6495	0.5196
45.6	0.9968	0.9627	0.9723	0.9959	0.9451	0.8314	0.4760
45.7	0.9976	0.9583	0.9694	0.9956	0.9320	0.8822	0.4677
45.8	0.9968	0.9335	0.8986	0.9940	0.8925	0.7938	0.4941
45.9	0.9965	0.8907	0.8800	0.9948	0.8596	0.6378	0.5988
46.0	0.9967	0.9565	0.9465	0.9943	0.9353	0.7772	0.3855
46.1	0.9959	0.9451	0.9458	0.9926	0.8973	0.8265	0.4504
46.2	0.9966	0.9461	0.8912	0.9954	0.9274	0.7404	0.4241
46.3	0.9968	0.9342	0.8584	0.9950	0.8867	0.7151	0.3441
46.4	0.9955	0.9327	0.8925	0.9938	0.9023	0.8373	0.0060
46.5	0.9954	0.9302	0.8832	0.9923	0.9149	0.7648	0.1490
46.6	0.9958	0.9061	0.8268	0.9921	0.9017	0.8889	0.1885
46.7	0.9957	0.8315	0.3629	0.9933	0.7380	0.9336	0.6449
46.8	0.9965	0.8872	0.8039	0.9937	0.8253	0.9348	0.6817
46.9	0.9956	0.8547	0.7911	0.9933	0.6477	0.9565	0.8149
47.0	0.9952	0.9148	0.9058	0.9923	0.8687	0.9336	0.5609
47.1	0.9958	0.8956	0.9577	0.9926	0.7886	0.9438	0.5492
47.2	0.9947	0.7487	0.9482	0.9922	0.6174	0.7490	0.5292
47.3	0.9972	0.9054	0.9608	0.9948	0.8090	0.8547	0.6633
47.4	0.9976	0.9345	0.9673	0.9953	0.9035	0.7256	0.5975
47.5	0.9958	0.9235	0.9408	0.9928	0.9108	0.2732	0.4343
47.6	0.9962	0.9580	0.9502	0.9944	0.9335	0.3240	0.7008
47.7	0.9959	0.9595	0.9614	0.9951	0.9498	0.5680	0.2823
47.8	0.9931	0.9454	0.9589	0.9913	0.9249	0.6420	0.3253
47.9	0.9951	0.9380	0.9479	0.9938	0.9302	0.8875	0.6417
48.0	0.9954	0.9639	0.9715	0.9925	0.9627	0.9313	0.5759
48.1	0.9958	0.9514	0.9336	0.9939	0.9438	0.7229	0.8640
48.2	0.9958	0.9301	0.9765	0.9927	0.9133	0.8078	0.8991
48.3	0.9940	0.8986	0.9727	0.9911	0.8855	0.3237	0.8675
48.4	0.9952	0.9190	0.9641	0.9926	0.9213	0.8957	0.8964
48.5	0.9948	0.9275	0.9538	0.9913	0.9242	0.8993	0.9428
48.6	0.9953	0.9277	0.9662	0.9918	0.9209	0.7222	0.9423
48.7	0.9960	0.9475	0.9847	0.9943	0.9497	0.5716	0.9530
48.8	0.9953	0.9544	0.9758	0.9938	0.9577	0.0705	0.9313
48.9	0.9947	0.9452	0.9813	0.9926	0.9426	0.4156	0.9409
49.0	0.9964	0.9682	0.9788	0.9941	0.9756	0.5556	0.9553
49.1	0.9969	0.9631	0.9898	0.9940	0.9627	0.8064	0.9588
49.2	0.9949	0.9727	0.9836	0.9937	0.9696	0.8506	0.9484
49.3	0.9933	0.9728	0.9816	0.9916	0.9764	0.9333	0.9273
49.4	0.9970	0.9693	0.9767	0.9930	0.9605	0.8544	0.9560
49.5	0.9968	0.9732	0.9878	0.9946	0.9754	0.9278	0.9630
49.6	0.9954	0.9813	0.9857	0.9917	0.9802	0.9616	0.9625
49.7	0.9954	0.9787	0.9852	0.9924	0.9806	0.9712	0.9643
49.8	0.9940	0.9730	0.9663	0.9915	0.9748	0.9485	0.9616
49.9	0.9933	0.9600	0.9294	0.9898	0.9711	0.9346	0.9652
50.0	0.9960	0.9533	0.9631	0.9907	0.9529	0.8983	0.9653
50.1	0.9967	0.9633	0.9754	0.9942	0.9732	0.9534	0.9810
50.2	0.9947	0.9693	0.9554	0.9908	0.9648	0.9576	0.9673
50.3	0.9953	0.9739	0.9705	0.9921	0.9799	0.9763	0.9734
50.4	0.9955	0.9719	0.9704	0.9925	0.9757	0.9719	0.9783
50.5	0.9959	0.9644	0.9622	0.9929	0.9718	0.9801	0.9790
50.6	0.9964	0.9606	0.9027	0.9919	0.9598	0.9756	0.9856
50.7	0.9931	0.9562	0.8668	0.9909	0.9695	0.9664	0.9820
50.8	0.9951	0.9553	0.6626	0.9919	0.9653	0.9685	0.9830
50.9	0.9962	0.9288	0.3755	0.9921	0.9559	0.9549	0.9820

51.0	0.9951	0.8159	0.6361	0.9907	0.9074	0.9128	0.9820
51.1	0.9942	0.7630	0.7030	0.9902	0.8463	0.9183	0.9765
51.2	0.9928	0.7841	0.6059	0.9896	0.8525	0.9200	0.9804
51.3	0.9955	0.7659	0.8585	0.9938	0.8552	0.9681	0.9878
51.4	0.9970	0.8774	0.8054	0.9932	0.9338	0.9729	0.9874
51.5	0.9960	0.8843	0.3858	0.9922	0.9384	0.9710	0.9905
51.6	0.9946	0.6627	0.6777	0.9901	0.8809	0.9749	0.9879
51.7	0.9951	0.5666	0.4563	0.9919	0.8492	0.9802	0.9895
51.8	0.9962	0.1115	0.9326	0.9928	0.7763	0.9727	0.9878
51.9	0.9955	0.6830	0.8553	0.9922	0.2675	0.9606	0.9856
52.0	0.9955	0.5204	0.8549	0.9910	0.1981	0.9287	0.9873
52.1	0.9954	0.8629	0.8648	0.9931	0.6573	0.9383	0.9850
52.2	0.9924	0.7384	0.7893	0.9914	0.2828	0.9268	0.9786
52.3	0.9937	0.8432	0.5877	0.9917	0.8258	0.9399	0.9760
52.4	0.9951	0.7767	0.8754	0.9934	0.5824	0.9603	0.9897
52.5	0.9946	0.9459	0.5504	0.9922	0.9434	0.9833	0.9775
52.6	0.9938	0.7953	0.8659	0.9929	0.8817	0.9724	0.9802
52.7	0.9925	0.0516	0.9416	0.9910	0.5994	0.9552	0.9820
52.8	0.9943	0.9066	0.9245	0.9923	0.7973	0.9804	0.9845
52.9	0.9919	0.5634	0.9550	0.9917	0.7837	0.9591	0.9783
53.0	0.9909	0.4243	0.9648	0.9894	0.1685	0.8886	0.9730
53.1	0.9942	0.6707	0.9774	0.9887	0.5218	0.9067	0.9858
53.2	0.9942	0.9213	0.9839	0.9923	0.8732	0.4051	0.9892
53.3	0.9934	0.9373	0.9844	0.9927	0.8984	0.5607	0.9860
53.4	0.9920	0.9558	0.9831	0.9904	0.9302	0.8677	0.9836
53.5	0.9910	0.9707	0.9778	0.9920	0.9586	0.9690	0.9812
53.6	0.9928	0.9716	0.9814	0.9918	0.9676	0.9676	0.9877
53.7	0.9940	0.9636	0.9863	0.9899	0.9483	0.9463	0.9867
53.8	0.9923	0.9616	0.9830	0.9926	0.9581	0.9744	0.9851
53.9	0.9929	0.9720	0.9804	0.9921	0.9691	0.9776	0.9851
54.0	0.9924	0.9628	0.9776	0.9939	0.9646	0.9785	0.9817
54.1	0.9902	0.9059	0.9711	0.9886	0.9152	0.9707	0.9815
54.2	0.9904	0.6300	0.9768	0.9858	0.6175	0.9501	0.9755
54.3	0.9898	0.8240	0.9796	0.9867	0.6986	0.8239	0.9868
54.4	0.9854	0.8980	0.9793	0.9848	0.8578	0.9492	0.9819
54.5	0.9852	0.9328	0.9797	0.9853	0.9140	0.9720	0.9808
54.6	0.9830	0.9451	0.9773	0.9863	0.9372	0.9829	0.9734
54.7	0.9860	0.9497	0.9798	0.9874	0.9538	0.9869	0.9728
54.8	0.9899	0.9012	0.9865	0.9854	0.8723	0.9666	0.9756
54.9	0.9817	0.9463	0.9782	0.9807	0.9449	0.9779	0.9748
55.0	0.9820	0.9535	0.9758	0.9835	0.9561	0.9855	0.9720
55.1	0.9804	0.9654	0.9759	0.9897	0.9647	0.9906	0.9688
55.2	0.9738	0.9360	0.9649	0.9827	0.9455	0.9863	0.9477
55.3	0.9717	0.9317	0.9578	0.9836	0.9343	0.9859	0.9338
55.4	0.9735	0.9353	0.9546	0.9823	0.9404	0.9900	0.9069
55.5	0.9822	0.9359	0.9659	0.9852	0.9444	0.9890	0.9002
55.6	0.9816	0.9293	0.9751	0.9769	0.9406	0.9873	0.9248
55.7	0.9688	0.9463	0.9540	0.9806	0.9514	0.9887	0.9115
55.8	0.9770	0.9573	0.9651	0.9764	0.9639	0.9917	0.9109
55.9	0.9678	0.9402	0.9475	0.9763	0.9491	0.9913	0.8548
56.0	0.9606	0.9182	0.9436	0.9673	0.9391	0.9881	0.7868
56.1	0.9717	0.9329	0.9697	0.9609	0.9483	0.9822	0.8687
56.2	0.9480	0.9384	0.9462	0.9682	0.9522	0.9878	0.8545
56.3	0.9522	0.9362	0.9476	0.9689	0.9582	0.9901	0.8242
56.4	0.9426	0.9351	0.9401	0.9661	0.9487	0.9898	0.8276
56.5	0.9576	0.9479	0.9514	0.9690	0.9663	0.9937	0.8384
56.6	0.9666	0.9608	0.9633	0.9616	0.9698	0.9938	0.8579
56.7	0.9673	0.9602	0.9602	0.9665	0.9687	0.9947	0.8146
56.8	0.9593	0.9359	0.9494	0.9567	0.9579	0.9949	0.6801
56.9	0.9645	0.9467	0.9590	0.9591	0.9634	0.9947	0.6610
57.0	0.9722	0.9573	0.9673	0.9569	0.9700	0.9945	0.5825
57.1	0.9644	0.9177	0.9657	0.9231	0.9435	0.9927	0.4819
57.2	0.9736	0.9083	0.9793	0.9186	0.9347	0.9915	0.1429
57.3	0.9558	0.6804	0.9609	0.8886	0.8411	0.9851	0.5398
57.4	0.9439	0.8450	0.9154	0.9060	0.8943	0.9911	0.3355
57.5	0.9551	0.8135	0.9295	0.9146	0.8756	0.9906	0.1063
57.6	0.9466	0.7073	0.9389	0.8798	0.8049	0.9889	0.0143
57.7	0.9640	0.7266	0.9474	0.8450	0.8215	0.9917	0.0837
57.8	0.9727	0.7431	0.9666	0.8889	0.8277	0.9932	0.0919
57.9	0.9642	0.6308	0.9754	0.8403	0.7131	0.9918	0.2919
58.0	0.9700	0.5600	0.9738	0.7701	0.6965	0.9925	0.2092
58.1	0.9726	0.5774	0.9760	0.7300	0.6185	0.9919	0.4468
58.2	0.9651	0.4931	0.9785	0.7233	0.6239	0.9901	0.4433
58.3	0.9580	0.4797	0.9753	0.6839	0.5400	0.9889	0.4723
58.4	0.9772	0.5663	0.9844	0.7411	0.5037	0.9938	0.6838
58.5	0.9749	0.3427	0.9842	0.7022	0.5797	0.9933	0.6539
58.6	0.9641	0.4513	0.9785	0.6443	0.5063	0.9910	0.5462
58.7	0.9629	0.3452	0.9791	0.4811	0.4114	0.9930	0.6631
58.8	0.9634	0.5195	0.9778	0.4827	0.2996	0.9939	0.6826
58.9	0.9715	0.5520	0.9842	0.5342	0.0978	0.9929	0.8021
59.0	0.9345	0.4612	0.9633	0.3165	0.0611	0.9869	0.8092
59.1	0.9511	0.4600	0.9716	0.2849	0.0101	0.9920	0.7698
59.2	0.9711	0.6425	0.9886	0.4301	0.0038	0.9953	0.8585
59.3	0.9672	0.7182	0.9878	0.2107	0.0184	0.9944	0.8674
59.4	0.9672	0.7189	0.9835	0.3121	0.1463	0.9935	0.8102
59.5	0.9630	0.7896	0.9849	0.1955	0.2477	0.9928	0.8551

59.6	0.9695	0.7897	0.9898	0.0869	0.4052	0.9957	0.8554
59.7	0.9652	0.7956	0.9846	0.1385	0.4461	0.9941	0.7637
59.8	0.9634	0.8261	0.9849	0.0414	0.5015	0.9914	0.6466
59.9	0.9644	0.8254	0.9866	0.0343	0.5108	0.9903	0.3889
60.0	0.9448	0.7954	0.9631	0.0611	0.5145	0.9758	0.0883
60.1	0.9671	0.8887	0.9846	0.0339	0.7558	0.9928	0.4241
60.2	0.9676	0.8807	0.9847	0.0283	0.7555	0.9930	0.5967
60.3	0.9586	0.9102	0.9868	0.0263	0.8354	0.9938	0.7493
60.4	0.9696	0.9318	0.9892	0.1918	0.8918	0.9934	0.8301
60.5	0.9695	0.9364	0.9874	0.2250	0.9023	0.9928	0.8489
60.6	0.9571	0.9330	0.9840	0.2940	0.9067	0.9919	0.8650
60.7	0.9637	0.9379	0.9868	0.2253	0.9272	0.9932	0.8539
60.8	0.9591	0.9385	0.9867	0.3323	0.9278	0.9951	0.8847
60.9	0.9575	0.9441	0.9828	0.4282	0.9459	0.9940	0.9008
61.0	0.9591	0.9485	0.9851	0.4243	0.9552	0.9944	0.8833
61.1	0.9651	0.9368	0.9871	0.5471	0.9525	0.9929	0.8939
61.2	0.9728	0.9624	0.9884	0.5972	0.9685	0.9949	0.9082
61.3	0.9602	0.9547	0.9841	0.6079	0.9650	0.9949	0.9087
61.4	0.9436	0.9336	0.9793	0.5853	0.9480	0.9908	0.8646
61.5	0.9636	0.9632	0.9889	0.6849	0.9713	0.9951	0.8984
61.6	0.9633	0.9671	0.9902	0.7636	0.9746	0.9960	0.9099
61.7	0.9396	0.9535	0.9841	0.7484	0.9644	0.9951	0.8702
61.8	0.9231	0.9566	0.9800	0.7633	0.9695	0.9929	0.8391
61.9	0.9136	0.9497	0.9789	0.7787	0.9649	0.9922	0.8647
62.0	0.9088	0.9524	0.9850	0.8006	0.9685	0.9947	0.8985
62.1	0.9057	0.9719	0.9876	0.8495	0.9835	0.9932	0.9372
62.2	0.9106	0.9755	0.9883	0.8878	0.9809	0.9927	0.9210
62.3	0.8445	0.9612	0.9849	0.8970	0.9765	0.9927	0.8971
62.4	0.8111	0.9593	0.9848	0.8916	0.9766	0.9939	0.9258
62.5	0.7833	0.9656	0.9856	0.8907	0.9805	0.9921	0.9188
62.6	0.7026	0.9750	0.9900	0.9184	0.9847	0.9943	0.9202
62.7	0.6214	0.9737	0.9894	0.9268	0.9836	0.9939	0.9130
62.8	0.4711	0.9666	0.9861	0.9313	0.9824	0.9932	0.9199
62.9	0.2703	0.9673	0.9848	0.9262	0.9826	0.9923	0.9149
63.0	0.2201	0.9604	0.9829	0.9192	0.9808	0.9899	0.9012
63.1	0.2990	0.9484	0.9833	0.9256	0.9750	0.9913	0.9162
63.2	0.4395	0.9561	0.9865	0.9281	0.9800	0.9914	0.9216
63.3	0.5053	0.9645	0.9880	0.9376	0.9825	0.9926	0.9280
63.4	0.6618	0.9532	0.9852	0.9437	0.9786	0.9904	0.9137
63.5	0.7547	0.9418	0.9846	0.9295	0.9730	0.9900	0.9148
63.6	0.7914	0.9405	0.9869	0.9396	0.9746	0.9903	0.9164
63.7	0.8445	0.9447	0.9859	0.9423	0.9777	0.9904	0.9152
63.8	0.8614	0.9439	0.9888	0.9473	0.9806	0.9920	0.9191
63.9	0.8970	0.9170	0.9881	0.9341	0.9681	0.9905	0.9363
64.0	0.8921	0.8845	0.9873	0.9419	0.9601	0.9910	0.9432
64.1	0.9201	0.9053	0.9866	0.9421	0.9667	0.9902	0.9607
64.2	0.9233	0.8990	0.9886	0.9496	0.9655	0.9905	0.9518
64.3	0.9395	0.9080	0.9882	0.9509	0.9679	0.9898	0.9506
64.4	0.9393	0.9178	0.9842	0.9576	0.9716	0.9876	0.9538
64.5	0.9502	0.9036	0.9873	0.9500	0.9691	0.9904	0.9508
64.6	0.9506	0.8823	0.9883	0.9535	0.9653	0.9909	0.9586
64.7	0.9571	0.8428	0.9861	0.9546	0.9531	0.9878	0.9574
64.8	0.9597	0.8264	0.9886	0.9592	0.9514	0.9910	0.9657
64.9	0.9648	0.8438	0.9882	0.9649	0.9616	0.9892	0.9653
65.0	0.9713	0.8208	0.9889	0.9694	0.9598	0.9900	0.9698
65.1	0.9751	0.7284	0.9905	0.9622	0.9442	0.9917	0.9712
65.2	0.9654	0.6992	0.9850	0.9490	0.9399	0.9858	0.9543
65.3	0.9625	0.7080	0.9861	0.9579	0.9390	0.9866	0.9597
65.4	0.9716	0.7270	0.9876	0.9646	0.9435	0.9866	0.9617
65.5	0.9721	0.7384	0.9889	0.9714	0.9480	0.9879	0.9663
65.6	0.9752	0.6416	0.9920	0.9634	0.9397	0.9910	0.9706
65.7	0.9800	0.5914	0.9909	0.9698	0.9280	0.9903	0.9764
65.8	0.9746	0.6589	0.9881	0.9638	0.9365	0.9878	0.9745
65.9	0.9739	0.5894	0.9854	0.9584	0.9253	0.9849	0.9693
66.0	0.9764	0.5493	0.9886	0.9640	0.9186	0.9869	0.9727
66.1	0.9824	0.6648	0.9919	0.9701	0.9333	0.9905	0.9743
66.2	0.9826	0.7595	0.9916	0.9618	0.9410	0.9899	0.9761
66.3	0.9777	0.8106	0.9894	0.9550	0.9427	0.9882	0.9727
66.4	0.9712	0.7574	0.9872	0.9369	0.9251	0.9846	0.9594
66.5	0.9782	0.7330	0.9895	0.9396	0.9230	0.9883	0.9675
66.6	0.9790	0.7476	0.9883	0.9371	0.9189	0.9863	0.9707
66.7	0.9806	0.7692	0.9897	0.9231	0.9242	0.9873	0.9772
66.8	0.9803	0.7643	0.9911	0.9301	0.9207	0.9908	0.9762
66.9	0.9714	0.7551	0.9883	0.9213	0.9102	0.9867	0.9700
67.0	0.9661	0.6807	0.9826	0.8726	0.8777	0.9784	0.9655
67.1	0.9766	0.7256	0.9906	0.9066	0.9058	0.9880	0.9760
67.2	0.9752	0.7953	0.9894	0.9137	0.9231	0.9874	0.9756
67.3	0.9739	0.7995	0.9887	0.8702	0.9142	0.9857	0.9713
67.4	0.9828	0.8071	0.9914	0.8988	0.9175	0.9887	0.9779
67.5	0.9801	0.7804	0.9909	0.8674	0.9095	0.9884	0.9783
67.6	0.9789	0.7743	0.9908	0.8568	0.8948	0.9895	0.9774
67.7	0.9781	0.7862	0.9904	0.8498	0.8866	0.9878	0.9772
67.8	0.9771	0.8084	0.9903	0.8457	0.8833	0.9874	0.9770
67.9	0.9792	0.8524	0.9897	0.8345	0.8903	0.9875	0.9771
68.0	0.9763	0.8288	0.9890	0.8485	0.8691	0.9864	0.9753
68.1	0.9820	0.8327	0.9912	0.8376	0.8339	0.9882	0.9788

68.2	0.9835	0.8390	0.9933	0.8306	0.8090	0.9903	0.9799
68.3	0.9811	0.8296	0.9920	0.7599	0.7713	0.9897	0.9773
68.4	0.9838	0.8674	0.9916	0.7419	0.7729	0.9896	0.9811
68.5	0.9758	0.8672	0.9903	0.7251	0.7549	0.9879	0.9757
68.6	0.9736	0.8783	0.9902	0.6478	0.7458	0.9870	0.9750
68.7	0.9822	0.8806	0.9923	0.6842	0.6940	0.9893	0.9828
68.8	0.9788	0.8920	0.9920	0.6353	0.7232	0.9896	0.9804
68.9	0.9819	0.9002	0.9923	0.6122	0.7442	0.9884	0.9791
69.0	0.9857	0.9016	0.9924	0.5789	0.7181	0.9898	0.9812
69.1	0.9782	0.9025	0.9904	0.4392	0.6980	0.9878	0.9771
69.2	0.9800	0.8998	0.9920	0.4448	0.7068	0.9870	0.9833
69.3	0.9813	0.8870	0.9918	0.3809	0.6887	0.9839	0.9785
69.4	0.9785	0.8749	0.9928	0.1883	0.6742	0.9866	0.9753
69.5	0.9815	0.9026	0.9940	0.0471	0.7453	0.9895	0.9821
69.6	0.9811	0.9026	0.9932	0.0300	0.7721	0.9882	0.9793
69.7	0.9776	0.8895	0.9921	0.0604	0.7581	0.9846	0.9779
69.8	0.9786	0.9083	0.9938	0.1865	0.7972	0.9872	0.9767
69.9	0.9747	0.8966	0.9943	0.1377	0.7814	0.9857	0.9730
70.0	0.9735	0.8821	0.9942	0.2910	0.7764	0.9855	0.9732
70.1	0.9837	0.8936	0.9945	0.5196	0.8035	0.9886	0.9786
70.2	0.9818	0.8908	0.9935	0.4489	0.7887	0.9875	0.9788
70.3	0.9746	0.8846	0.9922	0.6088	0.7929	0.9855	0.9696
70.4	0.9702	0.8673	0.9925	0.6295	0.7762	0.9838	0.9716
70.5	0.9782	0.9208	0.9929	0.6842	0.8635	0.9842	0.9814
70.6	0.9788	0.9215	0.9904	0.7228	0.8703	0.9797	0.9762
70.7	0.9724	0.9122	0.9898	0.7244	0.8634	0.9792	0.9774
70.8	0.9785	0.9416	0.9949	0.8247	0.9127	0.9890	0.9866
70.9	0.9737	0.9202	0.9923	0.8083	0.8910	0.9844	0.9772
71.0	0.9693	0.9217	0.9906	0.8051	0.8965	0.9838	0.9754
71.1	0.9669	0.9189	0.9902	0.8139	0.8940	0.9817	0.9646
71.2	0.9776	0.9400	0.9926	0.8733	0.9288	0.9882	0.9757
71.3	0.9682	0.9203	0.9932	0.8621	0.9023	0.9872	0.9697
71.4	0.9551	0.8947	0.9903	0.8424	0.8742	0.9798	0.9581
71.5	0.9614	0.9273	0.9891	0.8598	0.9130	0.9812	0.9613
71.6	0.9667	0.9411	0.9921	0.8988	0.9302	0.9847	0.9731
71.7	0.9720	0.9461	0.9932	0.9059	0.9405	0.9883	0.9763
71.8	0.9730	0.9507	0.9917	0.9260	0.9469	0.9858	0.9769
71.9	0.9617	0.9308	0.9894	0.8985	0.9312	0.9831	0.9655
72.0	0.9661	0.9388	0.9898	0.9091	0.9352	0.9840	0.9683
72.1	0.9642	0.9414	0.9892	0.9010	0.9403	0.9826	0.9691
72.2	0.9680	0.9424	0.9902	0.9247	0.9428	0.9856	0.9733
72.3	0.9646	0.9379	0.9915	0.9151	0.9422	0.9895	0.9715
72.4	0.9606	0.9250	0.9915	0.9218	0.9314	0.9890	0.9671
72.5	0.9677	0.9410	0.9886	0.9342	0.9463	0.9872	0.9701
72.6	0.9615	0.9467	0.9894	0.9399	0.9532	0.9896	0.9629
72.7	0.9501	0.9308	0.9903	0.9212	0.9398	0.9907	0.9626
72.8	0.9620	0.9434	0.9872	0.9318	0.9518	0.9887	0.9663
72.9	0.9693	0.9529	0.9882	0.9397	0.9610	0.9882	0.9738
73.0	0.9523	0.9339	0.9880	0.9247	0.9450	0.9885	0.9637
73.1	0.9578	0.9456	0.9902	0.9397	0.9564	0.9921	0.9662
73.2	0.9410	0.9198	0.9902	0.9333	0.9360	0.9908	0.9524
73.3	0.9346	0.9111	0.9882	0.9169	0.9310	0.9895	0.9451
73.4	0.9450	0.9268	0.9876	0.9425	0.9450	0.9885	0.9530
73.5	0.9596	0.9494	0.9864	0.9497	0.9629	0.9898	0.9702
73.6	0.9604	0.9436	0.9879	0.9448	0.9589	0.9899	0.9609
73.7	0.9497	0.9240	0.9885	0.9278	0.9454	0.9897	0.9451
73.8	0.9538	0.9439	0.9905	0.9487	0.9590	0.9900	0.9596
73.9	0.9419	0.9344	0.9886	0.9457	0.9553	0.9882	0.9572
74.0	0.9359	0.9358	0.9866	0.9435	0.9566	0.9873	0.9548
74.1	0.9422	0.9454	0.9890	0.9516	0.9606	0.9897	0.9648
74.2	0.9464	0.9484	0.9905	0.9601	0.9661	0.9911	0.9609
74.3	0.9558	0.9552	0.9877	0.9686	0.9722	0.9881	0.9696
74.4	0.9419	0.9383	0.9874	0.9501	0.9614	0.9856	0.9578
74.5	0.9253	0.9336	0.9873	0.9358	0.9542	0.9847	0.9385
74.6	0.9401	0.9394	0.9853	0.9490	0.9612	0.9848	0.9501
74.7	0.9590	0.9567	0.9884	0.9578	0.9734	0.9866	0.9702
74.8	0.9619	0.9619	0.9870	0.9693	0.9763	0.9850	0.9764
74.9	0.9671	0.9659	0.9904	0.9726	0.9789	0.9897	0.9758
75.0	0.9727	0.9708	0.9943	0.9711	0.9808	0.9934	0.9719
75.1	0.9617	0.9616	0.9922	0.9617	0.9727	0.9911	0.9614
75.2	0.9598	0.9589	0.9876	0.9589	0.9735	0.9871	0.9652
75.3	0.9673	0.9688	0.9891	0.9696	0.9784	0.9879	0.9741
75.4	0.9620	0.9653	0.9893	0.9732	0.9767	0.9883	0.9682
75.5	0.9537	0.9603	0.9872	0.9637	0.9726	0.9858	0.9648
75.6	0.9395	0.9434	0.9853	0.9509	0.9634	0.9820	0.9483
75.7	0.9637	0.9674	0.9896	0.9705	0.9786	0.9889	0.9692
75.8	0.9653	0.9677	0.9884	0.9717	0.9772	0.9865	0.9678
75.9	0.9622	0.9568	0.9887	0.9640	0.9702	0.9861	0.9592
76.0	0.9597	0.9583	0.9882	0.9688	0.9714	0.9840	0.9620
76.1	0.9649	0.9652	0.9864	0.9695	0.9768	0.9824	0.9613
76.2	0.9672	0.9638	0.9854	0.9676	0.9756	0.9818	0.9628
76.3	0.9559	0.9558	0.9807	0.9617	0.9691	0.9763	0.9577
76.4	0.9617	0.9549	0.9840	0.9565	0.9704	0.9811	0.9613
76.5	0.9621	0.9577	0.9836	0.9701	0.9729	0.9797	0.9627
76.6	0.9738	0.9744	0.9841	0.9758	0.9822	0.9789	0.9717
76.7	0.9678	0.9726	0.9836	0.9718	0.9796	0.9801	0.9680

76.8	0.9740	0.9775	0.9844	0.9783	0.9832	0.9819	0.9719
76.9	0.9726	0.9728	0.9838	0.9753	0.9817	0.9791	0.9740
77.0	0.9698	0.9656	0.9861	0.9681	0.9766	0.9806	0.9665
77.1	0.9733	0.9705	0.9852	0.9722	0.9806	0.9784	0.9650
77.2	0.9692	0.9658	0.9774	0.9673	0.9770	0.9689	0.9588
77.3	0.9755	0.9677	0.9829	0.9717	0.9783	0.9773	0.9670
77.4	0.9840	0.9817	0.9848	0.9815	0.9882	0.9787	0.9800
77.5	0.9765	0.9784	0.9791	0.9777	0.9847	0.9707	0.9764
77.6	0.9787	0.9758	0.9807	0.9823	0.9843	0.9735	0.9751
77.7	0.9834	0.9798	0.9858	0.9806	0.9864	0.9821	0.9765
77.8	0.9799	0.9807	0.9827	0.9822	0.9860	0.9761	0.9745
77.9	0.9749	0.9654	0.9785	0.9732	0.9792	0.9700	0.9636
78.0	0.9748	0.9669	0.9811	0.9767	0.9808	0.9718	0.9664
78.1	0.9804	0.9757	0.9761	0.9803	0.9863	0.9663	0.9681
78.2	0.9745	0.9673	0.9630	0.9620	0.9807	0.9499	0.9535
78.3	0.9800	0.9716	0.9706	0.9741	0.9832	0.9604	0.9636
78.4	0.9855	0.9810	0.9805	0.9821	0.9879	0.9782	0.9821
78.5	0.9806	0.9771	0.9791	0.9755	0.9835	0.9763	0.9738
78.6	0.9794	0.9780	0.9726	0.9776	0.9831	0.9672	0.9687
78.7	0.9824	0.9827	0.9773	0.9837	0.9881	0.9726	0.9743
78.8	0.9824	0.9771	0.9718	0.9733	0.9836	0.9651	0.9704
78.9	0.9858	0.9768	0.9697	0.9773	0.9835	0.9635	0.9665
79.0	0.9717	0.9703	0.9696	0.9727	0.9801	0.9604	0.9603
79.1	0.9635	0.9639	0.9749	0.9630	0.9744	0.9721	0.9579
79.2	0.9690	0.9724	0.9763	0.9745	0.9800	0.9738	0.9585
79.3	0.9774	0.9727	0.9607	0.9701	0.9800	0.9534	0.9472
79.4	0.9767	0.9756	0.9706	0.9728	0.9796	0.9645	0.9611
79.5	0.9827	0.9815	0.9827	0.9793	0.9847	0.9792	0.9744
79.6	0.9737	0.9721	0.9808	0.9756	0.9800	0.9767	0.9559
79.7	0.9772	0.9720	0.9808	0.9681	0.9810	0.9762	0.9539
79.8	0.9827	0.9798	0.9826	0.9787	0.9872	0.9795	0.9567
79.9	0.9745	0.9745	0.9772	0.9685	0.9839	0.9731	0.9371
80.0	0.9725	0.9685	0.9787	0.9614	0.9789	0.9740	0.9355

2.2.7 Run 1 – IP000-200 – Accels 1–8

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.7625	0.8872	0.9758	0.9783	0.0030	0.6412	0.6542	0.7498
0.1	0.0176	0.0063	0.0105	0.0004	0.0135	0.0004	0.0101	0.0012
0.2	0.0097	0.0022	0.0124	0.0007	0.0453	0.0336	0.0006	0.0079
0.3	0.0038	0.0093	0.0129	0.0191	0.0099	0.0288	0.0034	0.0086
0.4	0.0106	0.0422	0.0164	0.0370	0.0378	0.0569	0.0679	0.0073
0.5	0.0073	0.0161	0.0190	0.0134	0.0007	0.0340	0.0197	0.0075
0.6	0.0352	0.0331	0.0242	0.0268	0.0212	0.0113	0.0109	0.0052
0.7	0.0598	0.0090	0.0269	0.0171	0.0281	0.0527	0.0190	0.0035
0.8	0.0194	0.0585	0.0068	0.0005	0.0066	0.0256	0.0054	0.0009
0.9	0.1394	0.1792	0.0124	0.0096	0.2510	0.0652	0.0692	0.0377
1.0	0.2178	0.3940	0.0198	0.0044	0.1149	0.0014	0.0184	0.0261
1.1	0.2708	0.7219	0.1136	0.0008	0.4058	0.0095	0.0161	0.1476
1.2	0.5295	0.8710	0.2839	0.0023	0.6724	0.0036	0.0057	0.3921
1.3	0.7755	0.8416	0.0397	0.0100	0.8064	0.0265	0.0411	0.6360
1.4	0.9182	0.9582	0.0096	0.0095	0.9241	0.0110	0.0416	0.8097
1.5	0.9721	0.9849	0.4415	0.0113	0.9727	0.1107	0.0419	0.9222
1.6	0.9890	0.9931	0.6716	0.0108	0.9881	0.3781	0.1203	0.8918
1.7	0.9962	0.9973	0.5689	0.0743	0.9963	0.7148	0.4497	0.9894
1.8	0.9991	0.9993	0.7933	0.5072	0.9989	0.9066	0.7582	0.9980
1.9	0.9993	0.9994	0.8632	0.7758	0.9993	0.9629	0.9298	0.9992
2.0	0.9996	0.9996	0.9219	0.8396	0.9996	0.9673	0.9554	0.9994
2.1	0.9970	0.9970	0.8807	0.7642	0.9963	0.8540	0.8889	0.9959
2.2	0.9610	0.9616	0.7832	0.6413	0.9560	0.4408	0.8412	0.9561
2.3	0.7343	0.7351	0.8149	0.5297	0.7356	0.0963	0.5696	0.7418
2.4	0.9803	0.9802	0.9146	0.7403	0.9827	0.2842	0.8197	0.9821
2.5	0.9950	0.9950	0.9226	0.7355	0.9964	0.6181	0.8412	0.9961
2.6	0.9974	0.9974	0.9383	0.7850	0.9985	0.8049	0.8338	0.9982
2.7	0.9988	0.9988	0.9335	0.8344	0.9995	0.8935	0.8250	0.9994
2.8	0.9991	0.9990	0.9477	0.8882	0.9997	0.9403	0.8581	0.9996
2.9	0.9989	0.9988	0.9259	0.8583	0.9997	0.9382	0.6819	0.9997
3.0	0.9986	0.9981	0.8850	0.8807	0.9998	0.9518	0.4458	0.9997
3.1	0.9981	0.9970	0.7236	0.8718	0.9998	0.9556	0.2536	0.9998
3.2	0.9960	0.9881	0.2037	0.8512	0.9998	0.9456	0.5749	0.9997
3.3	0.9843	0.9575	0.0211	0.7584	0.9997	0.9121	0.7654	0.9996
3.4	0.9093	0.9822	0.3170	0.5192	0.9996	0.8792	0.7935	0.9994
3.5	0.9530	0.9930	0.5310	0.4241	0.9995	0.8361	0.7673	0.9992
3.6	0.9850	0.9957	0.6815	0.3428	0.9995	0.8156	0.8516	0.9990
3.7	0.9919	0.9972	0.7437	0.3109	0.9991	0.7629	0.8868	0.9987
3.8	0.9952	0.9979	0.8437	0.2486	0.9991	0.8206	0.8978	0.9986
3.9	0.9956	0.9981	0.8176	0.0408	0.9989	0.7451	0.9289	0.9981
4.0	0.9965	0.9982	0.8443	0.0178	0.9985	0.7103	0.9269	0.9978
4.1	0.9966	0.9983	0.8525	0.0264	0.9983	0.6099	0.9430	0.9981
4.2	0.9968	0.9978	0.8731	0.0546	0.9982	0.6007	0.9508	0.9975
4.3	0.9974	0.9983	0.8821	0.1412	0.9977	0.5137	0.9555	0.9971
4.4	0.9978	0.9986	0.8850	0.1969	0.9974	0.4739	0.9486	0.9965
4.5	0.9984	0.9990	0.9375	0.3193	0.9984	0.5926	0.9683	0.9978
4.6	0.9985	0.9990	0.9375	0.3834	0.9977	0.6423	0.9683	0.9970
4.7	0.9981	0.9985	0.9299	0.3652	0.9972	0.4844	0.9736	0.9961
4.8	0.9985	0.9990	0.9504	0.4895	0.9970	0.5266	0.9777	0.9956
4.9	0.9979	0.9985	0.9290	0.6299	0.9966	0.3663	0.9741	0.9955
5.0	0.9985	0.9989	0.9297	0.6634	0.9946	0.3835	0.9766	0.9945
5.1	0.9984	0.9988	0.9491	0.7753	0.9941	0.3640	0.9825	0.9953
5.2	0.9986	0.9989	0.9567	0.8366	0.9940	0.4398	0.9861	0.9957
5.3	0.9986	0.9990	0.9607	0.8586	0.9942	0.4893	0.9871	0.9951
5.4	0.9988	0.9989	0.9595	0.8966	0.9915	0.4598	0.9921	0.9949
5.5	0.9985	0.9987	0.9711	0.9268	0.9924	0.3921	0.9918	0.9955
5.6	0.9987	0.9989	0.9692	0.9511	0.9920	0.4025	0.9936	0.9954
5.7	0.9991	0.9992	0.9724	0.9620	0.9918	0.5471	0.9947	0.9959
5.8	0.9988	0.9990	0.9759	0.9759	0.9913	0.5675	0.9950	0.9962
5.9	0.9984	0.9987	0.9750	0.9664	0.9906	0.5776	0.9928	0.9957
6.0	0.9975	0.9980	0.9666	0.9665	0.9848	0.6609	0.9932	0.9934
6.1	0.9980	0.9984	0.9758	0.9708	0.9864	0.6044	0.9948	0.9932
6.2	0.9982	0.9985	0.9790	0.9780	0.9894	0.6596	0.9952	0.9952
6.3	0.9981	0.9983	0.9830	0.9884	0.9887	0.7590	0.9960	0.9957
6.4	0.9983	0.9985	0.9840	0.9906	0.9875	0.6218	0.9959	0.9961
6.5	0.9973	0.9976	0.9747	0.9716	0.9864	0.4100	0.9881	0.9950
6.6	0.9976	0.9980	0.9824	0.9939	0.9839	0.5489	0.9953	0.9960
6.7	0.9978	0.9980	0.9823	0.9938	0.9864	0.5264	0.9962	0.9964
6.8	0.9985	0.9986	0.9886	0.9961	0.9863	0.5626	0.9974	0.9972
6.9	0.9985	0.9987	0.9907	0.9971	0.9916	0.5060	0.9975	0.9978
7.0	0.9984	0.9985	0.9909	0.9970	0.9897	0.3796	0.9974	0.9975
7.1	0.9981	0.9982	0.9906	0.9961	0.9887	0.4618	0.9966	0.9971
7.2	0.9973	0.9975	0.9876	0.9971	0.9920	0.3547	0.9970	0.9965
7.3	0.9974	0.9977	0.9786	0.9966	0.9943	0.0331	0.9965	0.9951
7.4	0.9958	0.9963	0.9364	0.9972	0.9908	0.6476	0.9970	0.9916
7.5	0.9947	0.9955	0.8989	0.9955	0.9874	0.6895	0.9946	0.9602
7.6	0.9967	0.9971	0.9401	0.9958	0.9839	0.5756	0.9944	0.9712
7.7	0.9978	0.9980	0.9512	0.9974	0.9871	0.3244	0.9961	0.9871
7.8	0.9979	0.9980	0.9671	0.9978	0.9901	0.4858	0.9958	0.9908
7.9	0.9978	0.9981	0.9641	0.9977	0.9906	0.3419	0.9961	0.9908

8.0	0.9978	0.9980	0.9721	0.9966	0.9893	0.4592	0.9946	0.9921
8.1	0.9970	0.9973	0.9470	0.9961	0.9841	0.2513	0.9923	0.9916
8.2	0.9975	0.9978	0.9679	0.9975	0.9887	0.4656	0.9956	0.9940
8.3	0.9975	0.9978	0.9715	0.9981	0.9902	0.4195	0.9965	0.9949
8.4	0.9971	0.9974	0.9686	0.9972	0.9895	0.3095	0.9964	0.9953
8.5	0.9976	0.9978	0.9793	0.9977	0.9894	0.4542	0.9968	0.9967
8.6	0.9975	0.9977	0.9787	0.9975	0.9879	0.3881	0.9969	0.9965
8.7	0.9984	0.9985	0.9815	0.9983	0.9883	0.5119	0.9971	0.9977
8.8	0.9983	0.9985	0.9847	0.9985	0.9900	0.5482	0.9975	0.9980
8.9	0.9984	0.9985	0.9833	0.9978	0.9882	0.5706	0.9974	0.9974
9.0	0.9976	0.9978	0.9841	0.9971	0.9892	0.6566	0.9966	0.9970
9.1	0.9964	0.9966	0.9787	0.9957	0.9873	0.7861	0.9967	0.9952
9.2	0.9966	0.9966	0.9833	0.9961	0.9871	0.8137	0.9964	0.9953
9.3	0.9977	0.9977	0.9866	0.9969	0.9916	0.8969	0.9964	0.9970
9.4	0.9979	0.9979	0.9887	0.9975	0.9956	0.9103	0.9959	0.9974
9.5	0.9982	0.9982	0.9821	0.9977	0.9970	0.8959	0.9955	0.9978
9.6	0.9966	0.9964	0.9559	0.9972	0.9946	0.8319	0.9925	0.9962
9.7	0.9966	0.9965	0.9626	0.9980	0.9960	0.8258	0.9907	0.9970
9.8	0.9955	0.9958	0.9313	0.9974	0.9958	0.8192	0.9873	0.9963
9.9	0.9955	0.9964	0.8570	0.9972	0.9966	0.6105	0.9873	0.9949
10.0	0.9959	0.9967	0.8543	0.9961	0.9953	0.6471	0.9865	0.9930
10.1	0.9955	0.9964	0.8119	0.9951	0.9962	0.5299	0.9874	0.9929
10.2	0.9970	0.9974	0.7948	0.9950	0.9957	0.4519	0.9920	0.9892
10.3	0.9964	0.9970	0.7778	0.9922	0.9959	0.4176	0.9917	0.9872
10.4	0.9974	0.9979	0.8730	0.9940	0.9963	0.4732	0.9911	0.9884
10.5	0.9972	0.9977	0.8651	0.9916	0.9957	0.2422	0.9879	0.9779
10.6	0.9959	0.9963	0.8643	0.9873	0.9937	0.1978	0.9853	0.9694
10.7	0.9977	0.9979	0.8843	0.9881	0.9952	0.2280	0.9895	0.9646
10.8	0.9973	0.9978	0.8680	0.9867	0.9958	0.0973	0.9900	0.9622
10.9	0.9958	0.9962	0.8237	0.9827	0.9945	0.0518	0.9834	0.9492
11.0	0.9961	0.9964	0.8235	0.9691	0.9943	0.0151	0.9837	0.9357
11.1	0.9968	0.9971	0.8977	0.9571	0.9954	0.0986	0.9868	0.9290
11.2	0.9959	0.9966	0.9144	0.9539	0.9957	0.2367	0.9868	0.8950
11.3	0.9955	0.9961	0.9035	0.9548	0.9951	0.0588	0.9871	0.9127
11.4	0.9958	0.9963	0.8775	0.9346	0.9959	0.3365	0.9853	0.8799
11.5	0.9951	0.9954	0.7983	0.9330	0.9945	0.5290	0.9875	0.8202
11.6	0.9949	0.9950	0.6536	0.9361	0.9931	0.4738	0.9820	0.6652
11.7	0.9941	0.9943	0.6457	0.9434	0.9929	0.5556	0.9859	0.6152
11.8	0.9944	0.9946	0.5707	0.9647	0.9942	0.5266	0.9867	0.6332
11.9	0.9924	0.9930	0.4550	0.9725	0.9925	0.5654	0.9851	0.5717
12.0	0.9915	0.9918	0.5441	0.9718	0.9904	0.5683	0.9822	0.6310
12.1	0.9923	0.9921	0.5725	0.9798	0.9925	0.6290	0.9855	0.7454
12.2	0.9865	0.9862	0.5318	0.9701	0.9870	0.5575	0.9769	0.7616
12.3	0.9853	0.9849	0.6182	0.9747	0.9847	0.5846	0.9792	0.8304
12.4	0.9818	0.9814	0.7060	0.9721	0.9854	0.6511	0.9759	0.8912
12.5	0.9828	0.9826	0.7567	0.9757	0.9872	0.6728	0.9816	0.9214
12.6	0.9827	0.9823	0.8287	0.9795	0.9856	0.7590	0.9801	0.9450
12.7	0.9795	0.9789	0.8527	0.9769	0.9812	0.8356	0.9793	0.9409
12.8	0.9586	0.9577	0.8024	0.9548	0.9608	0.7507	0.9637	0.9206
12.9	0.9208	0.9197	0.7677	0.9129	0.9251	0.7180	0.9308	0.9095
13.0	0.9210	0.9205	0.8676	0.9185	0.9263	0.8378	0.9475	0.9350
13.1	0.9152	0.9153	0.8994	0.9147	0.9172	0.8672	0.9372	0.9266
13.2	0.9358	0.9361	0.9457	0.9390	0.9310	0.9174	0.9571	0.9527
13.3	0.9488	0.9493	0.9688	0.9553	0.9446	0.9451	0.9654	0.9632
13.4	0.9555	0.9563	0.9792	0.9579	0.9508	0.9677	0.9774	0.9663
13.5	0.9626	0.9633	0.9843	0.9679	0.9537	0.9715	0.9845	0.9735
13.6	0.9606	0.9612	0.9854	0.9609	0.9561	0.9752	0.9855	0.9701
13.7	0.9644	0.9647	0.9845	0.9665	0.9583	0.9620	0.9836	0.9631
13.8	0.9742	0.9746	0.9883	0.9750	0.9694	0.9670	0.9814	0.9708
13.9	0.9767	0.9772	0.9866	0.9733	0.9704	0.9545	0.9787	0.9702
14.0	0.9801	0.9808	0.9902	0.9723	0.9754	0.9577	0.9748	0.9679
14.1	0.9838	0.9844	0.9934	0.9749	0.9798	0.9686	0.9625	0.9687
14.2	0.9808	0.9817	0.9949	0.9621	0.9765	0.9769	0.9614	0.9560
14.3	0.9675	0.9697	0.9945	0.9515	0.9555	0.9772	0.9220	0.9271
14.4	0.9474	0.9512	0.9927	0.9028	0.9171	0.9750	0.8920	0.8335
14.5	0.9464	0.9512	0.9944	0.8991	0.9029	0.9704	0.9153	0.7985
14.6	0.9082	0.9169	0.9919	0.8640	0.8300	0.9570	0.8900	0.5253
14.7	0.8639	0.8799	0.9898	0.8448	0.7255	0.9471	0.9185	0.4630
14.8	0.8542	0.8728	0.9907	0.8546	0.7162	0.9376	0.9310	0.4133
14.9	0.7930	0.8213	0.9899	0.8684	0.6541	0.9424	0.9231	0.4429
15.0	0.6637	0.7076	0.9907	0.8630	0.5896	0.9334	0.9253	0.5901
15.1	0.5757	0.6344	0.9903	0.8745	0.5155	0.9253	0.8983	0.7077
15.2	0.4953	0.5598	0.9894	0.8602	0.4655	0.9215	0.8700	0.7450
15.3	0.1915	0.2049	0.9809	0.8349	0.4905	0.8909	0.8361	0.7825
15.4	0.3170	0.3193	0.9800	0.8318	0.5536	0.8473	0.8145	0.7851
15.5	0.4316	0.3847	0.9824	0.8659	0.7127	0.8704	0.8120	0.8458
15.6	0.5380	0.4714	0.9849	0.8950	0.7988	0.8787	0.8545	0.9065
15.7	0.6780	0.6326	0.9854	0.8900	0.8324	0.8660	0.7944	0.8945
15.8	0.7055	0.6685	0.9773	0.8741	0.8310	0.8193	0.8069	0.8935
15.9	0.7318	0.7010	0.9749	0.8688	0.8438	0.8113	0.7385	0.8826
16.0	0.7834	0.7589	0.9739	0.8823	0.8542	0.8707	0.8157	0.8751
16.1	0.8057	0.7874	0.9698	0.8797	0.8546	0.8706	0.7514	0.8841
16.2	0.8354	0.8222	0.9665	0.9049	0.8866	0.8468	0.8113	0.8953
16.3	0.8482	0.8368	0.9678	0.8988	0.8680	0.8718	0.8294	0.8848
16.4	0.8859	0.8793	0.9694	0.9180	0.9040	0.9028	0.8883	0.9158
16.5	0.9075	0.9028	0.9676	0.9277	0.9295	0.9044	0.8894	0.9347

16.6	0.8720	0.8662	0.9553	0.8954	0.8948	0.8901	0.8596	0.9011
16.7	0.9052	0.9018	0.9600	0.9162	0.9215	0.8967	0.8928	0.9273
16.8	0.8730	0.8688	0.9349	0.8925	0.8930	0.8600	0.8175	0.8989
16.9	0.7842	0.7781	0.8805	0.8105	0.8090	0.7932	0.7378	0.8251
17.0	0.8044	0.8007	0.8718	0.8203	0.8256	0.7824	0.7925	0.8436
17.1	0.7951	0.7929	0.8427	0.8054	0.8156	0.7725	0.8148	0.8252
17.2	0.7691	0.7675	0.8065	0.7707	0.7966	0.7312	0.7974	0.7997
17.3	0.8220	0.8215	0.8306	0.8216	0.8343	0.7592	0.8135	0.8315
17.4	0.8304	0.8309	0.8259	0.8223	0.8276	0.7967	0.8191	0.8281
17.5	0.8489	0.8498	0.8343	0.8383	0.8448	0.7946	0.8538	0.8392
17.6	0.9073	0.9081	0.8901	0.8982	0.9041	0.8834	0.8983	0.9029
17.7	0.9308	0.9317	0.9055	0.9208	0.9237	0.9032	0.9229	0.9184
17.8	0.9304	0.9315	0.8971	0.9208	0.9211	0.8892	0.9200	0.9172
17.9	0.9440	0.9454	0.9094	0.9305	0.9406	0.9216	0.9300	0.9317
18.0	0.9524	0.9535	0.9239	0.9416	0.9452	0.9203	0.9411	0.9401
18.1	0.9631	0.9641	0.9339	0.9542	0.9548	0.9301	0.9585	0.9518
18.2	0.9714	0.9722	0.9406	0.9639	0.9637	0.9417	0.9630	0.9577
18.3	0.9731	0.9741	0.9418	0.9623	0.9639	0.9383	0.9626	0.9576
18.4	0.9811	0.9819	0.9571	0.9744	0.9714	0.9525	0.9702	0.9660
18.5	0.9824	0.9831	0.9566	0.9770	0.9738	0.9600	0.9656	0.9678
18.6	0.9817	0.9827	0.9509	0.9703	0.9679	0.9386	0.9426	0.9687
18.7	0.9767	0.9783	0.9381	0.9687	0.9583	0.9253	0.9449	0.9615
18.8	0.9792	0.9807	0.9402	0.9684	0.9643	0.9200	0.9586	0.9614
18.9	0.9779	0.9794	0.9347	0.9640	0.9583	0.9035	0.9568	0.9487
19.0	0.9827	0.9840	0.9499	0.9729	0.9644	0.9393	0.9644	0.9628
19.1	0.9822	0.9838	0.9406	0.9702	0.9591	0.9290	0.9721	0.9548
19.2	0.9873	0.9882	0.9581	0.9777	0.9670	0.9515	0.9750	0.9700
19.3	0.9879	0.9890	0.9505	0.9813	0.9703	0.9454	0.9789	0.9670
19.4	0.9859	0.9872	0.9425	0.9776	0.9667	0.9286	0.9741	0.9508
19.5	0.9860	0.9873	0.9411	0.9722	0.9500	0.9313	0.9682	0.9481
19.6	0.9853	0.9867	0.9370	0.9695	0.9385	0.9423	0.9687	0.9447
19.7	0.9855	0.9868	0.9422	0.9679	0.9298	0.9506	0.9635	0.9287
19.8	0.9876	0.9888	0.9471	0.9700	0.9278	0.9576	0.9683	0.9190
19.9	0.9872	0.9885	0.9406	0.9627	0.9165	0.9521	0.9682	0.8992
20.0	0.9860	0.9875	0.9290	0.9527	0.8985	0.9399	0.9673	0.8580
20.1	0.9874	0.9886	0.9425	0.9522	0.8908	0.9382	0.9639	0.8603
20.2	0.9899	0.9911	0.9517	0.9561	0.8884	0.9405	0.9712	0.8243
20.3	0.9866	0.9880	0.9309	0.9402	0.8071	0.9206	0.9610	0.6699
20.4	0.9872	0.9887	0.9265	0.9462	0.8261	0.9371	0.9698	0.6713
20.5	0.9851	0.9869	0.9167	0.9439	0.7713	0.9268	0.9594	0.6531
20.6	0.9887	0.9901	0.9303	0.9469	0.7962	0.9396	0.9703	0.6436
20.7	0.9928	0.9937	0.9442	0.9586	0.8473	0.9521	0.9746	0.7086
20.8	0.9909	0.9921	0.9376	0.9479	0.8395	0.9487	0.9715	0.7032
20.9	0.9889	0.9905	0.9267	0.9316	0.7800	0.9420	0.9549	0.6755
21.0	0.9840	0.9861	0.8925	0.8935	0.7308	0.9310	0.9462	0.5625
21.1	0.9855	0.9875	0.9071	0.9128	0.7402	0.9109	0.9534	0.5881
21.2	0.9851	0.9873	0.8945	0.9188	0.7334	0.9107	0.9457	0.6212
21.3	0.9902	0.9916	0.9234	0.9099	0.7426	0.9347	0.9507	0.6491
21.4	0.9824	0.9846	0.8910	0.8710	0.7230	0.8983	0.9357	0.5951
21.5	0.9839	0.9863	0.8790	0.8883	0.7314	0.9041	0.9520	0.6272
21.6	0.9900	0.9915	0.9285	0.9017	0.7972	0.9356	0.9539	0.7162
21.7	0.9897	0.9913	0.9296	0.9023	0.7918	0.9180	0.9553	0.7756
21.8	0.9858	0.9880	0.8986	0.8723	0.7285	0.8656	0.9520	0.6526
21.9	0.9885	0.9904	0.9093	0.8400	0.7401	0.8861	0.9579	0.6799
22.0	0.9863	0.9887	0.8989	0.8235	0.6884	0.8223	0.9522	0.6301
22.1	0.9802	0.9837	0.8613	0.7301	0.6223	0.7879	0.9250	0.5936
22.2	0.9852	0.9879	0.8868	0.7284	0.7784	0.8614	0.9396	0.7080
22.3	0.9884	0.9905	0.9038	0.5727	0.7380	0.8669	0.9211	0.7293
22.4	0.9862	0.9890	0.9031	0.3858	0.6330	0.8320	0.8890	0.5454
22.5	0.9842	0.9874	0.8787	0.1161	0.5895	0.7264	0.7611	0.5280
22.6	0.9811	0.9850	0.8760	0.3207	0.5974	0.7764	0.8867	0.6054
22.7	0.9818	0.9858	0.8837	0.3071	0.5402	0.7759	0.9228	0.4947
22.8	0.9799	0.9841	0.8490	0.3249	0.5390	0.7182	0.9126	0.4421
22.9	0.9826	0.9861	0.8953	0.1549	0.4574	0.7120	0.9058	0.3671
23.0	0.9782	0.9828	0.8308	0.0762	0.4106	0.7179	0.8918	0.3101
23.1	0.9730	0.9787	0.7959	0.0668	0.3090	0.7356	0.8713	0.2613
23.2	0.9845	0.9881	0.8625	0.0169	0.2901	0.7208	0.9105	0.3012
23.3	0.9798	0.9847	0.8389	0.0753	0.1825	0.7774	0.8951	0.1548
23.4	0.9841	0.9881	0.8542	0.2002	0.2124	0.7209	0.9176	0.1336
23.5	0.9876	0.9908	0.8512	0.2764	0.1762	0.7326	0.8928	0.0815
23.6	0.9902	0.9925	0.8941	0.2512	0.2191	0.7773	0.9199	0.1325
23.7	0.9900	0.9925	0.8655	0.3492	0.2073	0.7652	0.9132	0.3149
23.8	0.9842	0.9879	0.8281	0.4204	0.1213	0.7614	0.8761	0.1752
23.9	0.9836	0.9874	0.8691	0.3671	0.0363	0.6805	0.8280	0.0099
24.0	0.9873	0.9905	0.8832	0.4319	0.0188	0.7440	0.8524	0.1289
24.1	0.9875	0.9906	0.8914	0.4874	0.0918	0.7787	0.8580	0.3563
24.2	0.9861	0.9897	0.8630	0.4724	0.1452	0.7475	0.8388	0.2643
24.3	0.9841	0.9883	0.8140	0.3561	0.1628	0.7000	0.8021	0.2360
24.4	0.9868	0.9908	0.8492	0.2997	0.1584	0.7879	0.8566	0.3370
24.5	0.9904	0.9934	0.8850	0.4298	0.2845	0.8386	0.8384	0.5826
24.6	0.9901	0.9931	0.8763	0.4285	0.2640	0.7808	0.8081	0.5729
24.7	0.9863	0.9909	0.8531	0.4452	0.3463	0.7440	0.8160	0.6503
24.8	0.9851	0.9900	0.8398	0.4894	0.3750	0.7263	0.7655	0.6344
24.9	0.9852	0.9897	0.7886	0.4103	0.4017	0.7262	0.7424	0.7516
25.0	0.9842	0.9895	0.8058	0.4530	0.3011	0.7046	0.7363	0.6688
25.1	0.9828	0.9882	0.7531	0.3695	0.3879	0.7036	0.6450	0.7154

25.2	0.9851	0.9903	0.6741	0.3582	0.4502	0.5989	0.6166	0.7684
25.3	0.9783	0.9865	0.6533	0.4972	0.5007	0.5815	0.6317	0.7614
25.4	0.9812	0.9881	0.7024	0.4759	0.4733	0.5992	0.5684	0.7849
25.5	0.9801	0.9875	0.6818	0.3849	0.4049	0.6218	0.4695	0.8066
25.6	0.9732	0.9836	0.6418	0.2819	0.5556	0.5372	0.3855	0.7929
25.7	0.9749	0.9852	0.6572	0.3229	0.5614	0.5826	0.2202	0.8030
25.8	0.9742	0.9854	0.6150	0.2390	0.6125	0.6294	0.1853	0.8689
25.9	0.9765	0.9864	0.5748	0.2698	0.7131	0.5588	0.1870	0.8856
26.0	0.9668	0.9813	0.4493	0.1784	0.6483	0.6813	0.0483	0.9001
26.1	0.9613	0.9795	0.3131	0.2757	0.5362	0.5314	0.0822	0.8904
26.2	0.9634	0.9795	0.3367	0.2788	0.6109	0.4427	0.0676	0.8897
26.3	0.9601	0.9787	0.4285	0.2394	0.6280	0.6054	0.0939	0.8842
26.4	0.9580	0.9778	0.3598	0.2180	0.5756	0.6157	0.0906	0.9096
26.5	0.9330	0.9627	0.1931	0.3015	0.5505	0.5057	0.0865	0.9218
26.6	0.9296	0.9635	0.2341	0.2190	0.6311	0.4908	0.1310	0.9190
26.7	0.9394	0.9697	0.1662	0.2059	0.6957	0.4874	0.1835	0.9320
26.8	0.9297	0.9643	0.0794	0.2719	0.6128	0.4299	0.1843	0.9212
26.9	0.9286	0.9637	0.1895	0.2711	0.6632	0.3919	0.3429	0.9512
27.0	0.9406	0.9723	0.2277	0.2628	0.7009	0.3901	0.3924	0.9508
27.1	0.9174	0.9610	0.2361	0.2223	0.6278	0.4014	0.4694	0.9482
27.2	0.9122	0.9576	0.1001	0.2402	0.6457	0.2263	0.4024	0.9291
27.3	0.9161	0.9624	0.0763	0.2360	0.7039	0.2417	0.5034	0.9513
27.4	0.8994	0.9571	0.1613	0.3618	0.7405	0.2250	0.6311	0.9577
27.5	0.8701	0.9448	0.1776	0.3316	0.6786	0.2611	0.6279	0.9335
27.6	0.8777	0.9468	0.0981	0.2889	0.6409	0.1969	0.5888	0.9426
27.7	0.8911	0.9552	0.0669	0.2522	0.7186	0.1768	0.6473	0.9499
27.8	0.9050	0.9596	0.0575	0.4086	0.7331	0.1594	0.7265	0.9668
27.9	0.9038	0.9614	0.1555	0.4371	0.7399	0.3038	0.7945	0.9631
28.0	0.8801	0.9582	0.0628	0.4066	0.6933	0.1717	0.8311	0.9675
28.1	0.8635	0.9512	0.0201	0.2950	0.6386	0.1069	0.8211	0.9560
28.2	0.8895	0.9626	0.1470	0.4211	0.6583	0.3341	0.8324	0.9720
28.3	0.8923	0.9624	0.1498	0.4682	0.7796	0.3861	0.8691	0.9772
28.4	0.8552	0.9528	0.0689	0.3363	0.6830	0.2298	0.8120	0.9653
28.5	0.8470	0.9505	0.0234	0.4325	0.7061	0.1442	0.8445	0.9608
28.6	0.7979	0.9411	0.0461	0.5215	0.7094	0.1673	0.8666	0.9733
28.7	0.8271	0.9528	0.0538	0.6243	0.7839	0.2373	0.9161	0.9744
28.8	0.8470	0.9607	0.0807	0.5949	0.7909	0.2821	0.9059	0.9743
28.9	0.8613	0.9666	0.0842	0.7182	0.8568	0.2580	0.9382	0.9780
29.0	0.8391	0.9601	0.1040	0.7369	0.8928	0.2565	0.9495	0.9843
29.1	0.7529	0.9453	0.1837	0.7468	0.8653	0.3414	0.9364	0.9738
29.2	0.6333	0.9280	0.1255	0.6839	0.8557	0.2590	0.9212	0.9799
29.3	0.5573	0.9231	0.1962	0.6940	0.8894	0.3273	0.9422	0.9760
29.4	0.6023	0.9241	0.1021	0.7571	0.8651	0.1863	0.9261	0.9748
29.5	0.6111	0.9174	0.0232	0.7545	0.8799	0.0855	0.9266	0.9757
29.6	0.5646	0.9088	0.0118	0.7094	0.8745	0.0876	0.9243	0.9723
29.7	0.4765	0.9003	0.0652	0.6119	0.8503	0.1456	0.9001	0.9666
29.8	0.3879	0.9066	0.1086	0.7512	0.8475	0.1281	0.9360	0.9658
29.9	0.4344	0.9059	0.0098	0.5285	0.6661	0.0665	0.7654	0.9351
30.0	0.4215	0.9099	0.0011	0.7144	0.8276	0.0410	0.9046	0.9608
30.1	0.2547	0.8958	0.0269	0.7250	0.8726	0.0330	0.9170	0.9730
30.2	0.1995	0.8953	0.0297	0.7180	0.8797	0.0158	0.9353	0.9787
30.3	0.1360	0.8789	0.0195	0.7259	0.8902	0.0273	0.9347	0.9776
30.4	0.0767	0.8477	0.0075	0.8416	0.8966	0.0675	0.9534	0.9762
30.5	0.0658	0.8449	0.0054	0.7465	0.9076	0.0460	0.9487	0.9732
30.6	0.0104	0.8131	0.0059	0.6649	0.9224	0.0579	0.9371	0.9748
30.7	0.0172	0.7592	0.0036	0.8019	0.9370	0.0750	0.9493	0.9717
30.8	0.0259	0.6826	0.0013	0.7757	0.9339	0.0873	0.9321	0.9634
30.9	0.0434	0.6604	0.0523	0.7175	0.9101	0.1419	0.9187	0.9595
31.0	0.0836	0.6895	0.0223	0.7592	0.9192	0.1454	0.9462	0.9756
31.1	0.1576	0.6578	0.0139	0.7839	0.9308	0.0739	0.9399	0.9767
31.2	0.1568	0.6071	0.0187	0.7476	0.9149	0.1316	0.9073	0.9700
31.3	0.1822	0.6566	0.0099	0.6828	0.9036	0.1744	0.9130	0.9718
31.4	0.1023	0.5595	0.0107	0.6418	0.8817	0.1649	0.8803	0.9696
31.5	0.2927	0.4915	0.0611	0.6865	0.8767	0.0029	0.8736	0.9691
31.6	0.4386	0.4678	0.1265	0.6802	0.8937	0.0265	0.9015	0.9767
31.7	0.2707	0.5368	0.0348	0.6105	0.8974	0.1288	0.8876	0.9727
31.8	0.4591	0.5286	0.0237	0.6492	0.8942	0.0487	0.9104	0.9783
31.9	0.4006	0.5312	0.0007	0.6710	0.9482	0.0578	0.9155	0.9802
32.0	0.3465	0.4581	0.0191	0.5462	0.9080	0.0693	0.8855	0.9738
32.1	0.5328	0.4879	0.0127	0.6517	0.8969	0.0239	0.8914	0.9741
32.2	0.4347	0.4619	0.0466	0.6150	0.8824	0.0772	0.8379	0.9644
32.3	0.5511	0.2144	0.0230	0.5433	0.8687	0.0035	0.8633	0.9678
32.4	0.6998	0.2993	0.0481	0.7157	0.9219	0.0254	0.9292	0.9821
32.5	0.7228	0.4183	0.0277	0.6550	0.9272	0.0666	0.9379	0.9812
32.6	0.7696	0.5570	0.0471	0.7623	0.9386	0.1355	0.9504	0.9873
32.7	0.7553	0.2977	0.0031	0.7412	0.9356	0.0540	0.9448	0.9851
32.8	0.7623	0.1875	0.0202	0.7283	0.9360	0.0560	0.9536	0.9823
32.9	0.8016	0.1329	0.0086	0.7348	0.9569	0.0407	0.9671	0.9854
33.0	0.8147	0.0498	0.0397	0.7467	0.9608	0.0064	0.9732	0.9873
33.1	0.8378	0.0372	0.0315	0.7386	0.9633	0.0190	0.9802	0.9892
33.2	0.8959	0.0234	0.0188	0.7784	0.9720	0.0072	0.9851	0.9904
33.3	0.9184	0.0729	0.0557	0.7803	0.9688	0.0254	0.9830	0.9871
33.4	0.9181	0.1205	0.0066	0.7665	0.9591	0.0081	0.9817	0.9825
33.5	0.9162	0.1793	0.0012	0.6903	0.9661	0.0442	0.9791	0.9879
33.6	0.9158	0.2611	0.0113	0.6363	0.9556	0.0931	0.9635	0.9740
33.7	0.9097	0.2987	0.0081	0.5670	0.9400	0.0720	0.9490	0.9616

33.8	0.9352	0.4392	0.0748	0.5676	0.9558	0.1121	0.9652	0.9698
33.9	0.9299	0.3253	0.0480	0.3900	0.9513	0.0143	0.9618	0.9697
34.0	0.9455	0.4226	0.0397	0.5786	0.9695	0.0766	0.9773	0.9776
34.1	0.9649	0.6355	0.0258	0.7342	0.9756	0.1561	0.9833	0.9847
34.2	0.9429	0.5503	0.0546	0.6723	0.9701	0.0781	0.9764	0.9792
34.3	0.9503	0.4889	0.0832	0.7627	0.9717	0.0085	0.9816	0.9797
34.4	0.9524	0.5088	0.0569	0.8375	0.9831	0.0206	0.9866	0.9834
34.5	0.9474	0.5560	0.0698	0.8726	0.9811	0.1310	0.9893	0.9864
34.6	0.9477	0.5874	0.0365	0.8631	0.9800	0.2072	0.9891	0.9850
34.7	0.9533	0.6033	0.0334	0.9108	0.9832	0.2290	0.9908	0.9888
34.8	0.9436	0.5619	0.0309	0.9109	0.9819	0.2500	0.9905	0.9862
34.9	0.9158	0.5783	0.0596	0.9046	0.9855	0.2004	0.9912	0.9880
35.0	0.9242	0.6364	0.0491	0.9148	0.9874	0.3227	0.9933	0.9892
35.1	0.9529	0.7418	0.0382	0.9389	0.9873	0.4641	0.9936	0.9898
35.2	0.9307	0.6885	0.0524	0.9185	0.9806	0.3644	0.9899	0.9830
35.3	0.9451	0.7522	0.0669	0.9297	0.9830	0.4639	0.9924	0.9882
35.4	0.9554	0.7132	0.0235	0.9437	0.9852	0.4783	0.9923	0.9882
35.5	0.9250	0.5759	0.0136	0.9134	0.9771	0.4869	0.9885	0.9797
35.6	0.9237	0.6947	0.0001	0.9012	0.9828	0.6488	0.9914	0.9877
35.7	0.9378	0.7353	0.0046	0.9132	0.9862	0.6769	0.9918	0.9900
35.8	0.9520	0.7922	0.0024	0.9344	0.9900	0.7467	0.9934	0.9926
35.9	0.9337	0.7239	0.0237	0.8946	0.9905	0.7189	0.9919	0.9929
36.0	0.9364	0.7483	0.0032	0.8965	0.9857	0.7203	0.9901	0.9899
36.1	0.9442	0.8120	0.0010	0.9458	0.9914	0.8335	0.9940	0.9925
36.2	0.9457	0.8315	0.0096	0.9479	0.9938	0.8522	0.9948	0.9948
36.3	0.9370	0.8104	0.0073	0.9409	0.9920	0.8373	0.9931	0.9926
36.4	0.9429	0.8216	0.0064	0.9346	0.9897	0.8540	0.9917	0.9922
36.5	0.9536	0.8694	0.0049	0.9358	0.9935	0.8434	0.9919	0.9949
36.6	0.9524	0.8381	0.0022	0.9347	0.9899	0.8500	0.9895	0.9910
36.7	0.9573	0.8922	0.0243	0.9532	0.9924	0.8995	0.9933	0.9925
36.8	0.9567	0.9048	0.0601	0.9591	0.9940	0.8947	0.9944	0.9933
36.9	0.9553	0.8964	0.0234	0.9458	0.9892	0.8907	0.9903	0.9907
37.0	0.9500	0.9065	0.0119	0.9561	0.9913	0.9096	0.9899	0.9919
37.1	0.9519	0.9037	0.0062	0.9591	0.9909	0.8802	0.9902	0.9917
37.2	0.9522	0.9087	0.0161	0.9558	0.9900	0.9007	0.9903	0.9904
37.3	0.9506	0.9086	0.1219	0.9573	0.9901	0.9122	0.9894	0.9894
37.4	0.9607	0.9324	0.0190	0.9604	0.9888	0.9131	0.9894	0.9884
37.5	0.9649	0.9345	0.0024	0.9711	0.9928	0.9235	0.9918	0.9927
37.6	0.9652	0.9334	0.0208	0.9758	0.9931	0.9406	0.9930	0.9927
37.7	0.9773	0.9525	0.0385	0.9781	0.9941	0.9550	0.9936	0.9936
37.8	0.9775	0.9500	0.1496	0.9766	0.9939	0.9551	0.9933	0.9933
37.9	0.9763	0.9583	0.1135	0.9821	0.9935	0.9556	0.9931	0.9935
38.0	0.9698	0.9502	0.0773	0.9793	0.9948	0.9475	0.9943	0.9937
38.1	0.9761	0.9549	0.0139	0.9816	0.9940	0.9450	0.9930	0.9937
38.2	0.9764	0.9614	0.0016	0.9856	0.9945	0.9601	0.9936	0.9927
38.3	0.9769	0.9637	0.0177	0.9852	0.9950	0.9684	0.9938	0.9936
38.4	0.9825	0.9696	0.0019	0.9874	0.9949	0.9678	0.9945	0.9948
38.5	0.9759	0.9623	0.0281	0.9852	0.9940	0.9640	0.9947	0.9925
38.6	0.9841	0.9747	0.0081	0.9899	0.9952	0.9747	0.9955	0.9945
38.7	0.9821	0.9700	0.0037	0.9901	0.9963	0.9700	0.9960	0.9950
38.8	0.9733	0.9624	0.0585	0.9878	0.9952	0.9583	0.9947	0.9931
38.9	0.9793	0.9677	0.0366	0.9884	0.9950	0.9642	0.9950	0.9937
39.0	0.9805	0.9689	0.0327	0.9881	0.9954	0.9654	0.9948	0.9940
39.1	0.9823	0.9765	0.0302	0.9895	0.9952	0.9750	0.9962	0.9939
39.2	0.9717	0.9637	0.0427	0.9861	0.9934	0.9704	0.9941	0.9926
39.3	0.9661	0.9564	0.0158	0.9885	0.9933	0.9747	0.9941	0.9925
39.4	0.9700	0.9591	0.0076	0.9869	0.9925	0.9703	0.9926	0.9919
39.5	0.9740	0.9638	0.0008	0.9864	0.9938	0.9602	0.9932	0.9921
39.6	0.9795	0.9734	0.0220	0.9895	0.9944	0.9671	0.9946	0.9935
39.7	0.9776	0.9733	0.0347	0.9898	0.9953	0.9658	0.9933	0.9945
39.8	0.9743	0.9707	0.0044	0.9875	0.9939	0.9501	0.9907	0.9935
39.9	0.9721	0.9640	0.0382	0.9852	0.9936	0.9568	0.9916	0.9919
40.0	0.9638	0.9533	0.0148	0.9822	0.9926	0.9561	0.9908	0.9920
40.1	0.9671	0.9609	0.0141	0.9855	0.9931	0.9640	0.9907	0.9919
40.2	0.9567	0.9472	0.0081	0.9796	0.9889	0.9357	0.9855	0.9869
40.3	0.9704	0.9640	0.1612	0.9830	0.9928	0.9523	0.9877	0.9911
40.4	0.9720	0.9627	0.1053	0.9814	0.9917	0.9481	0.9818	0.9910
40.5	0.9667	0.9585	0.0081	0.9794	0.9908	0.9407	0.9810	0.9894
40.6	0.9574	0.9461	0.0050	0.9744	0.9871	0.9466	0.9753	0.9851
40.7	0.9626	0.9519	0.0962	0.9780	0.9887	0.9505	0.9789	0.9872
40.8	0.9696	0.9643	0.1243	0.9809	0.9930	0.9489	0.9824	0.9923
40.9	0.9666	0.9589	0.1355	0.9789	0.9919	0.9502	0.9805	0.9900
41.0	0.9635	0.9526	0.1124	0.9754	0.9900	0.9259	0.9798	0.9868
41.1	0.9729	0.9670	0.1036	0.9756	0.9932	0.9373	0.9817	0.9927
41.2	0.9777	0.9704	0.0279	0.9798	0.9937	0.9561	0.9754	0.9911
41.3	0.9699	0.9610	0.0058	0.9737	0.9904	0.9410	0.9598	0.9891
41.4	0.9692	0.9600	0.0014	0.9697	0.9908	0.9269	0.9572	0.9884
41.5	0.9703	0.9595	0.0083	0.9629	0.9904	0.9305	0.9518	0.9882
41.6	0.9747	0.9672	0.0063	0.9771	0.9924	0.9337	0.9659	0.9919
41.7	0.9797	0.9707	0.0075	0.9799	0.9940	0.9175	0.9689	0.9913
41.8	0.9817	0.9735	0.0021	0.9744	0.9946	0.9183	0.9564	0.9939
41.9	0.9813	0.9746	0.0175	0.9765	0.9947	0.9369	0.9519	0.9933
42.0	0.9795	0.9725	0.0043	0.9749	0.9926	0.9194	0.9498	0.9913
42.1	0.9808	0.9740	0.0140	0.9745	0.9937	0.9326	0.9171	0.9931
42.2	0.9786	0.9712	0.0225	0.9792	0.9943	0.8902	0.9468	0.9936
42.3	0.9800	0.9720	0.0233	0.9719	0.9932	0.8405	0.9130	0.9910

42.4	0.9845	0.9782	0.0388	0.9751	0.9951	0.8974	0.9198	0.9948
42.5	0.9821	0.9752	0.0615	0.9742	0.9947	0.8812	0.8979	0.9945
42.6	0.9799	0.9703	0.0166	0.9595	0.9933	0.8057	0.8783	0.9931
42.7	0.9795	0.9695	0.0179	0.9538	0.9923	0.7597	0.8271	0.9916
42.8	0.9825	0.9753	0.0012	0.9636	0.9931	0.8428	0.7705	0.9924
42.9	0.9856	0.9792	0.0043	0.9669	0.9952	0.8232	0.7988	0.9943
43.0	0.9833	0.9749	0.0215	0.9612	0.9930	0.8134	0.6437	0.9917
43.1	0.9851	0.9768	0.0183	0.9538	0.9933	0.8463	0.7486	0.9914
43.2	0.9858	0.9785	0.0417	0.9545	0.9928	0.8143	0.8024	0.9927
43.3	0.9834	0.9758	0.0127	0.9569	0.9924	0.7911	0.8040	0.9925
43.4	0.9819	0.9740	0.0417	0.9609	0.9923	0.7595	0.8449	0.9942
43.5	0.9749	0.9635	0.0072	0.9343	0.9895	0.7103	0.7220	0.9918
43.6	0.9798	0.9696	0.0347	0.9439	0.9903	0.7226	0.8249	0.9912
43.7	0.9853	0.9776	0.0060	0.9367	0.9924	0.6915	0.8178	0.9916
43.8	0.9844	0.9755	0.0012	0.9290	0.9915	0.6265	0.7732	0.9912
43.9	0.9855	0.9784	0.0301	0.9428	0.9915	0.7033	0.8823	0.9933
44.0	0.9855	0.9794	0.0182	0.9232	0.9915	0.7463	0.9036	0.9923
44.1	0.9846	0.9777	0.0069	0.8991	0.9919	0.6402	0.9053	0.9912
44.2	0.9853	0.9782	0.0136	0.8788	0.9918	0.6583	0.9153	0.9920
44.3	0.9847	0.9778	0.0033	0.8695	0.9911	0.6893	0.9070	0.9899
44.4	0.9799	0.9711	0.0011	0.8418	0.9882	0.6049	0.8853	0.9841
44.5	0.9776	0.9675	0.0026	0.8076	0.9839	0.5941	0.8401	0.9831
44.6	0.9750	0.9640	0.0007	0.7935	0.9833	0.5989	0.8594	0.9848
44.7	0.9831	0.9751	0.0004	0.8211	0.9892	0.6466	0.8900	0.9868
44.8	0.9859	0.9795	0.0042	0.7937	0.9899	0.6783	0.9261	0.9897
44.9	0.9850	0.9779	0.0060	0.8244	0.9891	0.7046	0.9107	0.9903
45.0	0.9796	0.9703	0.0268	0.8037	0.9858	0.6256	0.8986	0.9837
45.1	0.9762	0.9669	0.0016	0.8794	0.9840	0.6149	0.9054	0.9851
45.2	0.9806	0.9729	0.0069	0.8251	0.9866	0.6280	0.9302	0.9885
45.3	0.9850	0.9785	0.0005	0.8561	0.9887	0.6043	0.9395	0.9887
45.4	0.9808	0.9737	0.0564	0.8823	0.9863	0.5166	0.9230	0.9810
45.5	0.9760	0.9669	0.0807	0.8754	0.9832	0.5383	0.9281	0.9819
45.6	0.9818	0.9741	0.0215	0.8860	0.9882	0.6722	0.9494	0.9899
45.7	0.9863	0.9814	0.0042	0.9426	0.9899	0.7587	0.9553	0.9901
45.8	0.9795	0.9719	0.0052	0.9183	0.9844	0.6970	0.9436	0.9819
45.9	0.9804	0.9737	0.0073	0.9084	0.9859	0.6966	0.9424	0.9805
46.0	0.9836	0.9782	0.0003	0.9387	0.9875	0.7435	0.9478	0.9835
46.1	0.9830	0.9778	0.0059	0.9431	0.9873	0.7392	0.9491	0.9838
46.2	0.9833	0.9779	0.0150	0.9436	0.9877	0.7345	0.9440	0.9823
46.3	0.9775	0.9700	0.0023	0.9478	0.9836	0.7072	0.9340	0.9771
46.4	0.9801	0.9743	0.0181	0.9645	0.9858	0.7797	0.9553	0.9831
46.5	0.9835	0.9783	0.0749	0.9581	0.9879	0.7536	0.9686	0.9869
46.6	0.9816	0.9758	0.0424	0.9659	0.9875	0.8059	0.9644	0.9805
46.7	0.9802	0.9743	0.0094	0.9631	0.9867	0.8150	0.9736	0.9820
46.8	0.9798	0.9741	0.0003	0.9641	0.9869	0.8335	0.9775	0.9829
46.9	0.9836	0.9784	0.0176	0.9817	0.9892	0.8335	0.9788	0.9837
47.0	0.9843	0.9795	0.0004	0.9800	0.9895	0.8799	0.9799	0.9829
47.1	0.9839	0.9798	0.0298	0.9682	0.9892	0.8989	0.9832	0.9862
47.2	0.9718	0.9644	0.0061	0.9444	0.9822	0.8647	0.9737	0.9819
47.3	0.9798	0.9741	0.0502	0.9596	0.9871	0.9073	0.9817	0.9889
47.4	0.9842	0.9799	0.0268	0.9656	0.9894	0.9140	0.9850	0.9927
47.5	0.9771	0.9710	0.0186	0.9482	0.9846	0.8590	0.9834	0.9899
47.6	0.9856	0.9819	0.0096	0.9672	0.9901	0.8893	0.9894	0.9924
47.7	0.9842	0.9803	0.0003	0.9637	0.9900	0.8959	0.9888	0.9841
47.8	0.9792	0.9740	0.0745	0.9263	0.9882	0.9198	0.9883	0.9808
47.9	0.9846	0.9809	0.0471	0.9417	0.9912	0.9320	0.9941	0.9846
48.0	0.9823	0.9785	0.0075	0.9561	0.9890	0.9520	0.9899	0.9859
48.1	0.9725	0.9665	0.0006	0.9454	0.9811	0.9334	0.9811	0.9719
48.2	0.9692	0.9629	0.0014	0.9230	0.9803	0.9400	0.9846	0.9729
48.3	0.9677	0.9611	0.0091	0.9206	0.9781	0.9158	0.9830	0.9717
48.4	0.9703	0.9643	0.0087	0.9067	0.9816	0.9381	0.9871	0.9768
48.5	0.9646	0.9582	0.0088	0.9036	0.9743	0.9364	0.9773	0.9798
48.6	0.9676	0.9618	0.0822	0.9184	0.9743	0.9411	0.9771	0.9792
48.7	0.9758	0.9718	0.0339	0.9319	0.9814	0.9519	0.9842	0.9773
48.8	0.9736	0.9690	0.0099	0.9195	0.9800	0.9369	0.9839	0.9813
48.9	0.9674	0.9615	0.0166	0.9110	0.9763	0.9351	0.9815	0.9788
49.0	0.9745	0.9704	0.0295	0.9322	0.9806	0.9435	0.9832	0.9844
49.1	0.9763	0.9729	0.0039	0.9351	0.9809	0.9525	0.9853	0.9780
49.2	0.9703	0.9653	0.0241	0.9131	0.9734	0.9122	0.9775	0.9799
49.3	0.9671	0.9619	0.0116	0.8846	0.9724	0.8918	0.9763	0.9736
49.4	0.9771	0.9735	0.0332	0.9162	0.9789	0.9444	0.9810	0.9743
49.5	0.9726	0.9684	0.0317	0.9177	0.9752	0.9382	0.9794	0.9616
49.6	0.9770	0.9737	0.0091	0.9309	0.9800	0.9380	0.9846	0.9768
49.7	0.9822	0.9798	0.0117	0.9246	0.9854	0.9522	0.9897	0.9847
49.8	0.9762	0.9731	0.0101	0.8941	0.9786	0.9532	0.9843	0.9782
49.9	0.9709	0.9672	0.0538	0.8832	0.9717	0.9292	0.9801	0.9711
50.0	0.9609	0.9561	0.0066	0.8609	0.9619	0.9377	0.9689	0.9399
50.1	0.9632	0.9591	0.0156	0.8846	0.9631	0.9297	0.9687	0.9595
50.2	0.9642	0.9601	0.0338	0.8630	0.9650	0.8966	0.9722	0.9563
50.3	0.9702	0.9671	0.0205	0.8651	0.9725	0.9417	0.9794	0.9481
50.4	0.9695	0.9670	0.0183	0.8663	0.9709	0.9520	0.9775	0.9631
50.5	0.9724	0.9700	0.0850	0.8673	0.9730	0.9443	0.9796	0.9764
50.6	0.9753	0.9732	0.0352	0.8998	0.9743	0.9473	0.9792	0.9806
50.7	0.9688	0.9661	0.0398	0.8808	0.9683	0.9419	0.9757	0.9690
50.8	0.9790	0.9769	0.0731	0.9027	0.9790	0.9618	0.9833	0.9760
50.9	0.9740	0.9721	0.1737	0.8763	0.9733	0.9537	0.9795	0.9685

51.0	0.9672	0.9651	0.0811	0.8574	0.9671	0.9413	0.9748	0.9703
51.1	0.9717	0.9701	0.0465	0.8770	0.9696	0.9348	0.9772	0.9791
51.2	0.9627	0.9606	0.0593	0.8261	0.9594	0.9042	0.9694	0.9765
51.3	0.9761	0.9748	0.0353	0.8553	0.9757	0.9433	0.9837	0.9775
51.4	0.9722	0.9712	0.0443	0.8398	0.9708	0.9465	0.9810	0.9659
51.5	0.9738	0.9730	0.1110	0.8386	0.9704	0.9322	0.9803	0.9839
51.6	0.9689	0.9679	0.1195	0.8190	0.9686	0.9431	0.9803	0.9613
51.7	0.9738	0.9731	0.1531	0.8488	0.9727	0.9383	0.9828	0.9764
51.8	0.9732	0.9729	0.1929	0.8797	0.9683	0.9530	0.9800	0.9529
51.9	0.9758	0.9755	0.2245	0.8865	0.9707	0.9565	0.9825	0.9624
52.0	0.9760	0.9758	0.1692	0.8881	0.9707	0.9376	0.9818	0.9773
52.1	0.9771	0.9772	0.1117	0.8557	0.9694	0.9321	0.9815	0.9857
52.2	0.9716	0.9719	0.2002	0.8122	0.9622	0.9216	0.9787	0.9848
52.3	0.9788	0.9788	0.3005	0.8446	0.9747	0.9326	0.9859	0.9783
52.4	0.9785	0.9790	0.2447	0.8355	0.9721	0.9374	0.9826	0.9607
52.5	0.9800	0.9800	0.2405	0.8520	0.9761	0.9499	0.9850	0.9827
52.6	0.9750	0.9753	0.1453	0.8332	0.9687	0.9279	0.9800	0.9632
52.7	0.9800	0.9810	0.2824	0.7993	0.9735	0.9421	0.9846	0.9368
52.8	0.9814	0.9819	0.3313	0.8244	0.9752	0.9472	0.9850	0.9542
52.9	0.9771	0.9782	0.2333	0.7595	0.9689	0.9046	0.9820	0.9419
53.0	0.9773	0.9789	0.2729	0.7238	0.9682	0.9108	0.9817	0.8532
53.1	0.9761	0.9777	0.0904	0.7407	0.9643	0.9003	0.9793	0.9647
53.2	0.9859	0.9871	0.3624	0.8083	0.9787	0.9239	0.9869	0.9784
53.3	0.9877	0.9885	0.3870	0.7704	0.9810	0.9267	0.9885	0.9570
53.4	0.9850	0.9858	0.4645	0.7121	0.9765	0.9164	0.9855	0.9779
53.5	0.9866	0.9875	0.5163	0.7040	0.9773	0.9260	0.9860	0.9269
53.6	0.9888	0.9893	0.4371	0.7575	0.9813	0.9352	0.9883	0.9363
53.7	0.9884	0.9891	0.3538	0.7540	0.9814	0.8977	0.9883	0.9648
53.8	0.9881	0.9889	0.4330	0.6756	0.9789	0.8408	0.9878	0.9327
53.9	0.9910	0.9914	0.5159	0.7139	0.9828	0.8521	0.9899	0.9215
54.0	0.9889	0.9895	0.4239	0.6753	0.9809	0.8612	0.9880	0.8916
54.1	0.9879	0.9876	0.4488	0.6316	0.9795	0.9124	0.9850	0.8199
54.2	0.9860	0.9850	0.4730	0.6616	0.9771	0.9496	0.9845	0.7832
54.3	0.9812	0.9803	0.4325	0.5659	0.9719	0.8965	0.9805	0.7023
54.4	0.9863	0.9842	0.4709	0.5810	0.9791	0.9049	0.9853	0.5305
54.5	0.9824	0.9800	0.5355	0.5920	0.9746	0.9187	0.9829	0.4955
54.6	0.9799	0.9771	0.6385	0.5798	0.9749	0.9349	0.9814	0.5051
54.7	0.9854	0.9836	0.6856	0.7661	0.9825	0.9720	0.9860	0.8495
54.8	0.9832	0.9803	0.5209	0.7221	0.9759	0.9456	0.9834	0.9211
54.9	0.9761	0.9718	0.4352	0.6604	0.9694	0.8901	0.9787	0.7732
55.0	0.9815	0.9787	0.6211	0.7587	0.9762	0.9434	0.9831	0.8267
55.1	0.9779	0.9738	0.5980	0.6952	0.9732	0.9446	0.9801	0.7857
55.2	0.9826	0.9792	0.6986	0.7519	0.9774	0.9548	0.9841	0.8109
55.3	0.9762	0.9732	0.6414	0.6387	0.9686	0.9399	0.9768	0.7558
55.4	0.9769	0.9738	0.7092	0.7391	0.9714	0.9547	0.9787	0.7954
55.5	0.9807	0.9784	0.7907	0.8378	0.9759	0.9751	0.9815	0.8943
55.6	0.9808	0.9784	0.7387	0.8093	0.9764	0.9668	0.9834	0.8984
55.7	0.9798	0.9777	0.8129	0.8357	0.9775	0.9678	0.9820	0.8883
55.8	0.9677	0.9647	0.8625	0.8652	0.9641	0.9583	0.9708	0.8790
55.9	0.9732	0.9706	0.8552	0.8537	0.9708	0.9655	0.9761	0.8901
56.0	0.9698	0.9668	0.8383	0.8529	0.9683	0.9624	0.9747	0.8944
56.1	0.9666	0.9636	0.8656	0.8498	0.9605	0.9574	0.9704	0.9207
56.2	0.9611	0.9570	0.8812	0.8331	0.9533	0.9557	0.9669	0.9094
56.3	0.9572	0.9536	0.8809	0.8577	0.9530	0.9613	0.9674	0.9077
56.4	0.9513	0.9471	0.8971	0.8720	0.9446	0.9533	0.9561	0.9122
56.5	0.9469	0.9420	0.8979	0.8760	0.9390	0.9511	0.9529	0.9155
56.6	0.9574	0.9539	0.8879	0.8551	0.9480	0.9606	0.9612	0.9009
56.7	0.9642	0.9608	0.9213	0.8884	0.9550	0.9660	0.9670	0.9264
56.8	0.9574	0.9534	0.9293	0.8903	0.9503	0.9681	0.9642	0.9302
56.9	0.9473	0.9419	0.9107	0.8687	0.9347	0.9548	0.9519	0.9270
57.0	0.9516	0.9464	0.9173	0.8795	0.9384	0.9644	0.9580	0.9375
57.1	0.9481	0.9407	0.9191	0.8877	0.9320	0.9590	0.9542	0.9313
57.2	0.9304	0.9219	0.9319	0.9008	0.9167	0.9511	0.9391	0.9355
57.3	0.9306	0.9204	0.9084	0.8599	0.9140	0.9415	0.9369	0.9191
57.4	0.9274	0.9153	0.9134	0.8648	0.8995	0.9394	0.9297	0.9178
57.5	0.9461	0.9365	0.9245	0.8764	0.9278	0.9581	0.9505	0.9307
57.6	0.9510	0.9422	0.9289	0.8840	0.9307	0.9579	0.9534	0.9389
57.7	0.9553	0.9464	0.9315	0.8675	0.9335	0.9621	0.9554	0.9423
57.8	0.9471	0.9364	0.9456	0.8841	0.9259	0.9579	0.9462	0.9476
57.9	0.9626	0.9546	0.9390	0.8482	0.9467	0.9580	0.9623	0.9461
58.0	0.9650	0.9563	0.9191	0.7948	0.9449	0.9553	0.9581	0.9314
58.1	0.9566	0.9466	0.9195	0.7833	0.9410	0.9506	0.9551	0.9319
58.2	0.9428	0.9295	0.9301	0.8296	0.9122	0.9518	0.9442	0.9411
58.3	0.9536	0.9422	0.9345	0.8299	0.9256	0.9575	0.9526	0.9415
58.4	0.9723	0.9648	0.9411	0.8402	0.9512	0.9572	0.9686	0.9499
58.5	0.9794	0.9733	0.9496	0.8325	0.9601	0.9697	0.9780	0.9478
58.6	0.9747	0.9685	0.9373	0.8179	0.9599	0.9641	0.9754	0.9432
58.7	0.9752	0.9690	0.9292	0.7176	0.9633	0.9450	0.9735	0.9164
58.8	0.9782	0.9725	0.9379	0.8056	0.9607	0.9575	0.9722	0.9331
58.9	0.9807	0.9764	0.9592	0.8776	0.9622	0.9649	0.9772	0.9496
59.0	0.9815	0.9771	0.9522	0.7741	0.9619	0.9527	0.9761	0.9441
59.1	0.9779	0.9732	0.9458	0.7792	0.9583	0.9531	0.9726	0.9242
59.2	0.9852	0.9823	0.9648	0.8171	0.9721	0.9689	0.9840	0.9495
59.3	0.9818	0.9789	0.9525	0.7223	0.9676	0.9577	0.9825	0.9351
59.4	0.9848	0.9819	0.9321	0.6770	0.9686	0.9458	0.9837	0.9239
59.5	0.9890	0.9870	0.9467	0.6918	0.9697	0.9576	0.9872	0.9453

59.6	0.9875	0.9856	0.9513	0.5891	0.9660	0.9564	0.9875	0.9489
59.7	0.9863	0.9839	0.9403	0.5028	0.9599	0.9551	0.9852	0.9499
59.8	0.9914	0.9904	0.9542	0.2785	0.9727	0.9641	0.9896	0.9579
59.9	0.9864	0.9843	0.9428	0.1146	0.9656	0.9422	0.9838	0.9452
60.0	0.9508	0.9558	0.8791	0.0441	0.9150	0.9312	0.9676	0.8415
60.1	0.9868	0.9854	0.9513	0.0663	0.9650	0.9572	0.9845	0.9496
60.2	0.9899	0.9887	0.9439	0.2828	0.9786	0.9498	0.9859	0.9430
60.3	0.9884	0.9871	0.9506	0.4656	0.9734	0.9576	0.9865	0.9540
60.4	0.9884	0.9872	0.9327	0.4340	0.9693	0.9455	0.9874	0.9427
60.5	0.9935	0.9928	0.9566	0.6207	0.9821	0.9570	0.9919	0.9618
60.6	0.9871	0.9861	0.9436	0.6704	0.9624	0.9402	0.9854	0.9517
60.7	0.9867	0.9855	0.9425	0.5905	0.9692	0.9504	0.9835	0.9509
60.8	0.9872	0.9862	0.9478	0.6167	0.9674	0.9436	0.9846	0.9537
60.9	0.9899	0.9892	0.9462	0.6105	0.9676	0.9362	0.9888	0.9463
61.0	0.9935	0.9933	0.9584	0.7305	0.9719	0.9548	0.9926	0.9568
61.1	0.9884	0.9874	0.9537	0.7480	0.9610	0.9279	0.9866	0.9408
61.2	0.9902	0.9895	0.9571	0.7637	0.9683	0.9441	0.9889	0.9481
61.3	0.9894	0.9888	0.9571	0.7431	0.9650	0.9483	0.9887	0.9475
61.4	0.9879	0.9873	0.9244	0.7217	0.9476	0.9121	0.9860	0.9055
61.5	0.9897	0.9891	0.9449	0.7862	0.9650	0.9353	0.9891	0.9224
61.6	0.9895	0.9890	0.9529	0.7886	0.9766	0.9250	0.9887	0.9137
61.7	0.9868	0.9860	0.9437	0.7861	0.9682	0.8954	0.9848	0.8956
61.8	0.9782	0.9773	0.9338	0.7972	0.9516	0.8754	0.9756	0.8606
61.9	0.9787	0.9775	0.9452	0.8219	0.9556	0.8727	0.9759	0.8560
62.0	0.9884	0.9878	0.9490	0.9062	0.9708	0.9143	0.9860	0.8868
62.1	0.9892	0.9887	0.9514	0.8755	0.9622	0.9013	0.9860	0.8770
62.2	0.9883	0.9880	0.9598	0.8759	0.9780	0.9028	0.9861	0.8756
62.3	0.9839	0.9833	0.9495	0.8991	0.9690	0.8536	0.9805	0.8124
62.4	0.9827	0.9818	0.9568	0.8565	0.9535	0.8508	0.9796	0.8048
62.5	0.9851	0.9844	0.9652	0.8819	0.9579	0.8948	0.9825	0.8318
62.6	0.9892	0.9886	0.9604	0.9042	0.9606	0.8731	0.9860	0.7980
62.7	0.9899	0.9894	0.9599	0.9175	0.9613	0.8407	0.9857	0.7053
62.8	0.9872	0.9864	0.9641	0.9289	0.9674	0.8298	0.9824	0.6322
62.9	0.9868	0.9860	0.9598	0.9174	0.9675	0.7963	0.9820	0.5311
63.0	0.9844	0.9835	0.9576	0.9225	0.9595	0.7249	0.9804	0.3396
63.1	0.9843	0.9835	0.9637	0.9252	0.9596	0.7291	0.9784	0.3048
63.2	0.9845	0.9838	0.9573	0.8994	0.9527	0.7358	0.9763	0.3039
63.3	0.9888	0.9884	0.9650	0.9104	0.9573	0.6950	0.9807	0.4272
63.4	0.9890	0.9885	0.9708	0.9167	0.9630	0.7478	0.9830	0.4060
63.5	0.9830	0.9822	0.9613	0.9272	0.9633	0.6947	0.9773	0.3390
63.6	0.9794	0.9786	0.9676	0.9446	0.9648	0.5826	0.9689	0.4284
63.7	0.9856	0.9848	0.9759	0.9284	0.9663	0.5611	0.9769	0.5862
63.8	0.9824	0.9817	0.9763	0.9368	0.9654	0.5091	0.9763	0.6974
63.9	0.9790	0.9785	0.9557	0.9388	0.9601	0.3347	0.9707	0.6697
64.0	0.9801	0.9797	0.9631	0.9480	0.9623	0.3739	0.9715	0.7626
64.1	0.9792	0.9786	0.9583	0.9236	0.9570	0.3326	0.9715	0.8116
64.2	0.9775	0.9763	0.9527	0.9257	0.9575	0.2051	0.9742	0.8645
64.3	0.9779	0.9769	0.9703	0.9401	0.9665	0.3839	0.9783	0.8838
64.4	0.9767	0.9757	0.9595	0.9479	0.9624	0.4344	0.9728	0.8706
64.5	0.9763	0.9754	0.9454	0.9391	0.9578	0.4242	0.9695	0.8977
64.6	0.9770	0.9764	0.9489	0.9460	0.9542	0.5084	0.9728	0.9171
64.7	0.9805	0.9799	0.9571	0.9448	0.9629	0.6371	0.9792	0.9416
64.8	0.9828	0.9822	0.9647	0.9471	0.9705	0.7114	0.9792	0.9415
64.9	0.9840	0.9836	0.9592	0.9545	0.9740	0.6591	0.9832	0.9421
65.0	0.9824	0.9820	0.9566	0.9462	0.9658	0.6875	0.9827	0.9383
65.1	0.9795	0.9791	0.9524	0.9405	0.9581	0.7080	0.9767	0.9241
65.2	0.9700	0.9696	0.9428	0.9385	0.9390	0.6823	0.9630	0.9186
65.3	0.9759	0.9755	0.9510	0.9428	0.9522	0.7567	0.9681	0.9269
65.4	0.9852	0.9851	0.9592	0.9417	0.9530	0.8421	0.9775	0.9461
65.5	0.9827	0.9827	0.9578	0.9402	0.9495	0.8310	0.9763	0.9468
65.6	0.9839	0.9839	0.9559	0.9386	0.9438	0.8490	0.9776	0.9512
65.7	0.9837	0.9838	0.9574	0.9353	0.9475	0.8701	0.9764	0.9543
65.8	0.9815	0.9816	0.9460	0.9045	0.9268	0.8646	0.9735	0.9657
65.9	0.9815	0.9813	0.9433	0.8929	0.9022	0.8547	0.9693	0.9610
66.0	0.9807	0.9807	0.9343	0.8910	0.8974	0.8474	0.9746	0.9516
66.1	0.9881	0.9881	0.9468	0.9121	0.9197	0.8945	0.9799	0.9594
66.2	0.9867	0.9868	0.9520	0.9235	0.9227	0.9083	0.9804	0.9610
66.3	0.9845	0.9844	0.9363	0.8613	0.8966	0.8974	0.9778	0.9607
66.4	0.9829	0.9832	0.9176	0.8504	0.8874	0.8776	0.9709	0.9465
66.5	0.9833	0.9836	0.9223	0.8777	0.8889	0.8825	0.9720	0.9484
66.6	0.9827	0.9828	0.9194	0.8144	0.8481	0.9061	0.9756	0.9559
66.7	0.9827	0.9828	0.9123	0.8069	0.8582	0.9004	0.9775	0.9514
66.8	0.9841	0.9844	0.9037	0.8629	0.8561	0.8847	0.9764	0.9397
66.9	0.9832	0.9833	0.9012	0.7992	0.8668	0.8876	0.9744	0.9238
67.0	0.9841	0.9842	0.8948	0.7504	0.8319	0.9069	0.9720	0.9415
67.1	0.9875	0.9878	0.9165	0.8308	0.8625	0.9228	0.9763	0.9501
67.2	0.9873	0.9876	0.9092	0.8061	0.8675	0.9271	0.9736	0.9491
67.3	0.9851	0.9852	0.8983	0.7411	0.8244	0.8871	0.9674	0.9356
67.4	0.9880	0.9879	0.9139	0.7171	0.8555	0.9018	0.9733	0.9456
67.5	0.9890	0.9890	0.9139	0.7127	0.8677	0.9141	0.9724	0.9518
67.6	0.9844	0.9847	0.8776	0.7436	0.8884	0.8875	0.9693	0.9294
67.7	0.9895	0.9895	0.9216	0.7957	0.8917	0.9133	0.9760	0.9479
67.8	0.9878	0.9879	0.8952	0.7359	0.9071	0.9026	0.9755	0.9095
67.9	0.9904	0.9907	0.8918	0.7391	0.8977	0.9013	0.9716	0.8952
68.0	0.9907	0.9910	0.9154	0.7359	0.8992	0.8904	0.9673	0.8736
68.1	0.9933	0.9934	0.9245	0.6570	0.9069	0.9054	0.9688	0.8620

68.2	0.9901	0.9903	0.8847	0.6680	0.9184	0.8955	0.9715	0.8208
68.3	0.9870	0.9873	0.8414	0.6403	0.8910	0.8696	0.9677	0.7818
68.4	0.9891	0.9893	0.8501	0.6157	0.8991	0.8636	0.9591	0.7876
68.5	0.9867	0.9869	0.7718	0.5438	0.8275	0.7976	0.9279	0.6369
68.6	0.9876	0.9876	0.7563	0.5834	0.8473	0.8248	0.9361	0.5977
68.7	0.9875	0.9879	0.7597	0.5858	0.8840	0.8529	0.9422	0.6595
68.8	0.9884	0.9886	0.7580	0.5509	0.8733	0.8470	0.9360	0.6695
68.9	0.9899	0.9901	0.7285	0.5790	0.8764	0.8352	0.9398	0.7015
69.0	0.9890	0.9895	0.6838	0.6063	0.8676	0.8383	0.9255	0.6418
69.1	0.9882	0.9885	0.6850	0.5523	0.8029	0.8132	0.8992	0.5991
69.2	0.9880	0.9886	0.6474	0.5470	0.8302	0.8284	0.9077	0.6902
69.3	0.9894	0.9899	0.4938	0.5545	0.8105	0.8205	0.8886	0.6544
69.4	0.9897	0.9901	0.4654	0.5672	0.7435	0.8463	0.8620	0.6791
69.5	0.9917	0.9920	0.5509	0.6170	0.8130	0.8792	0.8946	0.7219
69.6	0.9866	0.9873	0.3740	0.6185	0.7697	0.8360	0.8712	0.6962
69.7	0.9850	0.9859	0.3733	0.3929	0.6984	0.8535	0.7728	0.7368
69.8	0.9891	0.9895	0.4685	0.3212	0.6912	0.8867	0.7766	0.7454
69.9	0.9886	0.9894	0.3194	0.3764	0.6565	0.8773	0.7275	0.7160
70.0	0.9878	0.9888	0.3298	0.4334	0.6299	0.8446	0.7315	0.7605
70.1	0.9897	0.9901	0.3749	0.3741	0.6331	0.8808	0.6928	0.7742
70.2	0.9901	0.9902	0.3021	0.4458	0.6075	0.8750	0.6849	0.7450
70.3	0.9879	0.9886	0.4061	0.4715	0.6090	0.8948	0.7082	0.7908
70.4	0.9845	0.9851	0.2880	0.4014	0.3843	0.8938	0.5047	0.6595
70.5	0.9866	0.9870	0.2642	0.4982	0.2452	0.8605	0.3967	0.6367
70.6	0.9896	0.9903	0.2808	0.5195	0.4223	0.8812	0.5274	0.7196
70.7	0.9856	0.9866	0.4031	0.4603	0.3816	0.8395	0.3852	0.6123
70.8	0.9907	0.9913	0.5971	0.4699	0.3853	0.8763	0.2427	0.6919
70.9	0.9895	0.9900	0.6038	0.5043	0.3596	0.9035	0.3030	0.7516
71.0	0.9888	0.9897	0.6476	0.5408	0.3738	0.9029	0.3068	0.7410
71.1	0.9875	0.9890	0.6520	0.3593	0.4952	0.8936	0.2970	0.7414
71.2	0.9889	0.9904	0.6971	0.3995	0.5229	0.8998	0.2129	0.7279
71.3	0.9896	0.9904	0.7176	0.4246	0.5679	0.8971	0.2446	0.7683
71.4	0.9847	0.9867	0.6992	0.3911	0.5373	0.9007	0.2255	0.7661
71.5	0.9832	0.9860	0.7354	0.4657	0.5017	0.8993	0.1641	0.7863
71.6	0.9890	0.9903	0.7565	0.4037	0.5915	0.9142	0.3157	0.8704
71.7	0.9892	0.9908	0.7939	0.3142	0.7358	0.9232	0.5121	0.8774
71.8	0.9867	0.9893	0.8276	0.3099	0.7573	0.9265	0.5962	0.8959
71.9	0.9881	0.9909	0.7838	0.3253	0.6795	0.9030	0.4749	0.8575
72.0	0.9898	0.9915	0.8039	0.3990	0.7113	0.8976	0.4763	0.8581
72.1	0.9834	0.9866	0.7682	0.2811	0.6703	0.8913	0.4757	0.8483
72.2	0.9851	0.9885	0.8181	0.2869	0.7432	0.9115	0.5541	0.8766
72.3	0.9863	0.9896	0.8619	0.3952	0.8367	0.9108	0.6994	0.9038
72.4	0.9867	0.9900	0.8541	0.3654	0.8323	0.9090	0.7030	0.8850
72.5	0.9882	0.9914	0.8541	0.2377	0.8094	0.9217	0.7131	0.8909
72.6	0.9848	0.9884	0.8659	0.1793	0.8272	0.9226	0.7317	0.9083
72.7	0.9882	0.9908	0.8865	0.2546	0.8478	0.9350	0.7480	0.9133
72.8	0.9891	0.9920	0.8883	0.2808	0.8804	0.9393	0.7853	0.9177
72.9	0.9881	0.9909	0.9044	0.2165	0.8868	0.9487	0.8153	0.9394
73.0	0.9886	0.9920	0.8923	0.1557	0.8456	0.9360	0.7717	0.9255
73.1	0.9893	0.9926	0.8952	0.2451	0.8942	0.9195	0.8204	0.8936
73.2	0.9844	0.9879	0.8896	0.2174	0.9195	0.9206	0.8296	0.9003
73.3	0.9824	0.9870	0.8627	0.2121	0.9106	0.9041	0.8179	0.8959
73.4	0.9854	0.9881	0.8789	0.2387	0.9215	0.9134	0.8544	0.9036
73.5	0.9873	0.9900	0.9172	0.2377	0.9157	0.9413	0.8679	0.9231
73.6	0.9876	0.9900	0.9252	0.2737	0.9339	0.9431	0.8891	0.9306
73.7	0.9909	0.9926	0.9090	0.2735	0.9400	0.9327	0.8901	0.9217
73.8	0.9901	0.9919	0.9338	0.2714	0.9478	0.9546	0.9091	0.9449
73.9	0.9859	0.9889	0.9252	0.3782	0.9495	0.9430	0.9081	0.9322
74.0	0.9861	0.9900	0.9088	0.3699	0.9420	0.9317	0.8983	0.9145
74.1	0.9837	0.9881	0.8963	0.2061	0.9370	0.9261	0.8867	0.9205
74.2	0.9887	0.9914	0.9029	0.2267	0.9538	0.9449	0.9213	0.9223
74.3	0.9875	0.9897	0.9223	0.3093	0.9602	0.9447	0.9315	0.9316
74.4	0.9828	0.9867	0.8998	0.2622	0.9409	0.9268	0.9066	0.9027
74.5	0.9858	0.9890	0.8875	0.1824	0.9362	0.9186	0.8977	0.8931
74.6	0.9787	0.9822	0.8919	0.3366	0.9217	0.8988	0.8999	0.8667
74.7	0.9853	0.9884	0.9164	0.3610	0.9522	0.9370	0.9296	0.8981
74.8	0.9913	0.9928	0.9445	0.3686	0.9703	0.9590	0.9533	0.9357
74.9	0.9928	0.9938	0.9422	0.4367	0.9684	0.9620	0.9486	0.9434
75.0	0.9910	0.9932	0.9262	0.3198	0.9638	0.9493	0.9362	0.9240
75.1	0.9850	0.9887	0.9134	0.3972	0.9568	0.9310	0.9330	0.9095
75.2	0.9852	0.9877	0.9162	0.5299	0.9533	0.9369	0.9439	0.9242
75.3	0.9916	0.9932	0.9381	0.5505	0.9666	0.9599	0.9581	0.9384
75.4	0.9904	0.9921	0.9328	0.6002	0.9668	0.9477	0.9531	0.9208
75.5	0.9869	0.9896	0.9231	0.5085	0.9554	0.9483	0.9342	0.8931
75.6	0.9866	0.9895	0.9066	0.5168	0.9548	0.9337	0.9241	0.8675
75.7	0.9914	0.9931	0.9431	0.5987	0.9719	0.9588	0.9542	0.9122
75.8	0.9912	0.9934	0.9273	0.5036	0.9719	0.9572	0.9485	0.9013
75.9	0.9915	0.9933	0.8950	0.4327	0.9671	0.9524	0.9332	0.8845
76.0	0.9907	0.9925	0.9185	0.5414	0.9693	0.9599	0.9412	0.8858
76.1	0.9917	0.9924	0.9438	0.5602	0.9766	0.9710	0.9516	0.9079
76.2	0.9902	0.9926	0.9366	0.5275	0.9752	0.9690	0.9507	0.8936
76.3	0.9888	0.9911	0.9131	0.5237	0.9667	0.9556	0.9446	0.8931
76.4	0.9865	0.9902	0.8853	0.5231	0.9567	0.9473	0.9291	0.9010
76.5	0.9885	0.9920	0.9178	0.6344	0.9707	0.9582	0.9519	0.9027
76.6	0.9899	0.9920	0.9402	0.6653	0.9782	0.9681	0.9663	0.9268
76.7	0.9892	0.9919	0.9227	0.6208	0.9675	0.9606	0.9508	0.8750

76.8	0.9927	0.9947	0.9265	0.7003	0.9727	0.9634	0.9616	0.8708
76.9	0.9901	0.9924	0.9300	0.6787	0.9743	0.9641	0.9634	0.8811
77.0	0.9900	0.9932	0.9012	0.5471	0.9662	0.9574	0.9439	0.8137
77.1	0.9886	0.9924	0.8963	0.5460	0.9596	0.9529	0.9383	0.8195
77.2	0.9904	0.9927	0.9112	0.6414	0.9719	0.9556	0.9571	0.8545
77.3	0.9897	0.9913	0.9228	0.6890	0.9741	0.9701	0.9609	0.8384
77.4	0.9904	0.9929	0.9326	0.7659	0.9759	0.9729	0.9671	0.8423
77.5	0.9915	0.9934	0.9295	0.7615	0.9822	0.9655	0.9716	0.8687
77.6	0.9879	0.9908	0.9114	0.7148	0.9744	0.9584	0.9609	0.8211
77.7	0.9907	0.9928	0.9156	0.6957	0.9796	0.9585	0.9667	0.8016
77.8	0.9898	0.9929	0.9194	0.7330	0.9820	0.9666	0.9676	0.8393
77.9	0.9841	0.9887	0.9017	0.7258	0.9740	0.9598	0.9560	0.8294
78.0	0.9840	0.9884	0.8707	0.6844	0.9706	0.9501	0.9589	0.7581
78.1	0.9834	0.9880	0.8662	0.7249	0.9675	0.9505	0.9571	0.7450
78.2	0.9789	0.9846	0.8262	0.6017	0.9596	0.9382	0.9450	0.7023
78.3	0.9856	0.9897	0.8820	0.6878	0.9746	0.9522	0.9672	0.8103
78.4	0.9882	0.9906	0.9010	0.7992	0.9794	0.9639	0.9740	0.8644
78.5	0.9857	0.9892	0.8854	0.7519	0.9769	0.9561	0.9663	0.8143
78.6	0.9870	0.9907	0.8826	0.7005	0.9803	0.9520	0.9586	0.7639
78.7	0.9898	0.9929	0.8981	0.7364	0.9839	0.9697	0.9667	0.8333
78.8	0.9856	0.9892	0.8881	0.7566	0.9764	0.9683	0.9671	0.7821
78.9	0.9886	0.9920	0.9045	0.8620	0.9813	0.9653	0.9754	0.7820
79.0	0.9881	0.9909	0.9053	0.6939	0.9811	0.9543	0.9687	0.7556
79.1	0.9849	0.9886	0.8693	0.6234	0.9754	0.9456	0.9658	0.8250
79.2	0.9896	0.9918	0.8578	0.7159	0.9861	0.9588	0.9770	0.8716
79.3	0.9867	0.9897	0.8477	0.6331	0.9840	0.9595	0.9705	0.8499
79.4	0.9888	0.9921	0.8885	0.6235	0.9849	0.9691	0.9747	0.8377
79.5	0.9877	0.9913	0.8813	0.5790	0.9824	0.9701	0.9734	0.8631
79.6	0.9877	0.9903	0.8446	0.5869	0.9826	0.9555	0.9710	0.8400
79.7	0.9887	0.9917	0.8386	0.6515	0.9869	0.9551	0.9818	0.8530
79.8	0.9909	0.9936	0.8800	0.5954	0.9899	0.9669	0.9822	0.9144
79.9	0.9866	0.9894	0.8739	0.5043	0.9841	0.9627	0.9746	0.8967
80.0	0.9881	0.9910	0.8392	0.6230	0.9845	0.9544	0.9782	0.9152

2.2.8 Run 1 – IP000-200 – Accels 9–16

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.3110	0.8822	0.2694	0.6657	0.2817	0.0852	0.0855	0.8764
0.1	0.0475	0.0003	0.0776	0.0092	0.0149	0.0005	0.0106	0.0210
0.2	0.0186	0.0133	0.0091	0.0010	0.0079	0.0122	0.0159	0.0002
0.3	0.0140	0.0067	0.0037	0.0088	0.0157	0.0016	0.0101	0.0086
0.4	0.0419	0.0094	0.0034	0.0060	0.0001	0.0016	0.0103	0.0196
0.5	0.0461	0.0318	0.0153	0.0141	0.0227	0.0103	0.0221	0.0125
0.6	0.0052	0.0379	0.0196	0.0394	0.0332	0.0035	0.0019	0.0131
0.7	0.0487	0.0143	0.0099	0.0013	0.0004	0.0744	0.0012	0.0244
0.8	0.0031	0.0799	0.0020	0.0037	0.0165	0.0242	0.0098	0.0074
0.9	0.0389	0.2559	0.0360	0.0054	0.0025	0.0770	0.0490	0.1362
1.0	0.0423	0.5179	0.0680	0.0012	0.0215	0.0717	0.0069	0.0074
1.1	0.0295	0.7687	0.1695	0.0353	0.0026	0.4767	0.0493	0.0573
1.2	0.0590	0.8955	0.4954	0.0214	0.0475	0.7093	0.1413	0.1347
1.3	0.0071	0.8988	0.6601	0.1849	0.0432	0.7013	0.1675	0.2186
1.4	0.1383	0.9666	0.8371	0.1654	0.0202	0.8929	0.1965	0.5141
1.5	0.6010	0.9877	0.9496	0.7303	0.1798	0.9220	0.7187	0.7411
1.6	0.4184	0.9938	0.9693	0.8425	0.5780	0.9876	0.8337	0.9099
1.7	0.2353	0.9982	0.9924	0.8677	0.7895	0.9961	0.8875	0.9741
1.8	0.7029	0.9994	0.9986	0.9746	0.9468	0.9991	0.9810	0.9940
1.9	0.8872	0.9996	0.9992	0.9826	0.9870	0.9993	0.9842	0.9979
2.0	0.9321	0.9996	0.9994	0.9720	0.9896	0.9996	0.9713	0.9984
2.1	0.8604	0.9968	0.9961	0.8642	0.9766	0.9968	0.8595	0.9944
2.2	0.6936	0.9618	0.9575	0.5585	0.9399	0.9604	0.5541	0.9631
2.3	0.7198	0.7332	0.7388	0.3731	0.7114	0.7338	0.4041	0.7418
2.4	0.7429	0.9792	0.9816	0.2660	0.8910	0.9824	0.3683	0.9730
2.5	0.6607	0.9941	0.9958	0.1929	0.9020	0.9961	0.2901	0.9882
2.6	0.4883	0.9969	0.9982	0.2848	0.8891	0.9984	0.4379	0.9885
2.7	0.4365	0.9983	0.9993	0.4927	0.8839	0.9994	0.5771	0.9906
2.8	0.4394	0.9986	0.9996	0.7524	0.9203	0.9997	0.7303	0.9896
2.9	0.2890	0.9976	0.9997	0.6695	0.9541	0.9997	0.7077	0.9739
3.0	0.2324	0.9941	0.9997	0.7782	0.9769	0.9997	0.7540	0.8928
3.1	0.2239	0.9790	0.9997	0.7792	0.9869	0.9998	0.7014	0.9140
3.2	0.1792	0.9901	0.9997	0.7384	0.9900	0.9997	0.7357	0.9797
3.3	0.1070	0.9963	0.9996	0.6535	0.9902	0.9997	0.6566	0.9870
3.4	0.0748	0.9959	0.9993	0.5987	0.9878	0.9995	0.4561	0.9889
3.5	0.1691	0.9976	0.9992	0.3867	0.9892	0.9994	0.4089	0.9912
3.6	0.0087	0.9979	0.9991	0.4838	0.9883	0.9992	0.3004	0.9917
3.7	0.0159	0.9986	0.9987	0.2184	0.9915	0.9991	0.1600	0.9935
3.8	0.0179	0.9989	0.9986	0.3314	0.9916	0.9989	0.0488	0.9958
3.9	0.0831	0.9984	0.9983	0.1926	0.9914	0.9989	0.0257	0.9964
4.0	0.0191	0.9985	0.9979	0.2936	0.9930	0.9986	0.1469	0.9968
4.1	0.0943	0.9984	0.9977	0.1428	0.9930	0.9983	0.1156	0.9963
4.2	0.1264	0.9986	0.9975	0.2133	0.9933	0.9980	0.0886	0.9960
4.3	0.0278	0.9982	0.9964	0.1605	0.9927	0.9976	0.2038	0.9971
4.4	0.0950	0.9989	0.9960	0.1329	0.9929	0.9967	0.3342	0.9975
4.5	0.0140	0.9991	0.9975	0.2863	0.9946	0.9982	0.3232	0.9982
4.6	0.0062	0.9990	0.9964	0.1768	0.9954	0.9976	0.2200	0.9981
4.7	0.0198	0.9987	0.9959	0.3157	0.9943	0.9972	0.2481	0.9981
4.8	0.0472	0.9990	0.9953	0.1938	0.9941	0.9959	0.3010	0.9984
4.9	0.1657	0.9984	0.9949	0.0821	0.9929	0.9950	0.2633	0.9979
5.0	0.0805	0.9988	0.9941	0.1129	0.9930	0.9940	0.3598	0.9981
5.1	0.2171	0.9990	0.9938	0.1902	0.9938	0.9943	0.4778	0.9986
5.2	0.2158	0.9990	0.9942	0.1294	0.9942	0.9937	0.4134	0.9985
5.3	0.0800	0.9987	0.9924	0.1979	0.9952	0.9926	0.6105	0.9988
5.4	0.3445	0.9990	0.9927	0.2860	0.9946	0.9913	0.6957	0.9985
5.5	0.3480	0.9989	0.9925	0.4334	0.9951	0.9920	0.6841	0.9987
5.6	0.2883	0.9990	0.9917	0.4594	0.9950	0.9914	0.7772	0.9984
5.7	0.4628	0.9992	0.9940	0.5627	0.9968	0.9926	0.7634	0.9983
5.8	0.5313	0.9993	0.9931	0.6380	0.9954	0.9916	0.7548	0.9977
5.9	0.3427	0.9988	0.9920	0.5637	0.9954	0.9903	0.6406	0.9977
6.0	0.1936	0.9982	0.9898	0.6400	0.9936	0.9881	0.5872	0.9969
6.1	0.2054	0.9986	0.9893	0.7331	0.9952	0.9868	0.6424	0.9975
6.2	0.1312	0.9986	0.9920	0.7394	0.9959	0.9901	0.6148	0.9976
6.3	0.0960	0.9987	0.9916	0.8058	0.9963	0.9903	0.5907	0.9980
6.4	0.3839	0.9988	0.9915	0.7268	0.9961	0.9896	0.4646	0.9976
6.5	0.5355	0.9981	0.9894	0.6244	0.9915	0.9892	0.2922	0.9925
6.6	0.6751	0.9981	0.9906	0.6488	0.9958	0.9884	0.2743	0.9969
6.7	0.6736	0.9982	0.9906	0.7119	0.9958	0.9888	0.2930	0.9968
6.8	0.8539	0.9987	0.9920	0.7272	0.9970	0.9894	0.2438	0.9977
6.9	0.9119	0.9988	0.9950	0.8435	0.9977	0.9930	0.3217	0.9980
7.0	0.9427	0.9986	0.9936	0.8622	0.9976	0.9910	0.4664	0.9977
7.1	0.9550	0.9984	0.9931	0.9141	0.9968	0.9907	0.6765	0.9970
7.2	0.9603	0.9976	0.9938	0.9389	0.9968	0.9917	0.7312	0.9970
7.3	0.9624	0.9979	0.9948	0.9063	0.9962	0.9939	0.6750	0.9962
7.4	0.9599	0.9967	0.9903	0.8117	0.9966	0.9897	0.9227	0.9965
7.5	0.8722	0.9960	0.9869	0.2534	0.9928	0.9865	0.8201	0.9922
7.6	0.6867	0.9972	0.9839	0.1380	0.9908	0.9841	0.7065	0.9902
7.7	0.6018	0.9981	0.9900	0.0527	0.9933	0.9891	0.7099	0.9921
7.8	0.5538	0.9981	0.9916	0.1547	0.9911	0.9916	0.7152	0.9902
7.9	0.7170	0.9983	0.9920	0.0889	0.9900	0.9923	0.6914	0.9888

8.0	0.7263	0.9981	0.9915	0.3584	0.9872	0.9915	0.6430	0.9861
8.1	0.7173	0.9975	0.9889	0.0232	0.9828	0.9872	0.6245	0.9819
8.2	0.7474	0.9979	0.9910	0.1806	0.9872	0.9917	0.7078	0.9862
8.3	0.7169	0.9980	0.9930	0.4232	0.9880	0.9935	0.7853	0.9875
8.4	0.6880	0.9975	0.9927	0.2568	0.9905	0.9927	0.7031	0.9906
8.5	0.8058	0.9979	0.9936	0.3741	0.9930	0.9941	0.6722	0.9933
8.6	0.7600	0.9977	0.9931	0.5878	0.9951	0.9929	0.6593	0.9951
8.7	0.8664	0.9985	0.9933	0.6393	0.9966	0.9933	0.6697	0.9968
8.8	0.8981	0.9985	0.9952	0.8231	0.9977	0.9950	0.7814	0.9976
8.9	0.9161	0.9984	0.9950	0.7429	0.9976	0.9943	0.6488	0.9977
9.0	0.9284	0.9977	0.9939	0.7032	0.9962	0.9931	0.7260	0.9964
9.1	0.9345	0.9966	0.9916	0.7050	0.9955	0.9915	0.7673	0.9958
9.2	0.9421	0.9965	0.9923	0.8091	0.9956	0.9917	0.7984	0.9957
9.3	0.9628	0.9976	0.9933	0.9088	0.9973	0.9935	0.8723	0.9973
9.4	0.9697	0.9978	0.9930	0.9266	0.9982	0.9929	0.8858	0.9982
9.5	0.9610	0.9982	0.9936	0.9250	0.9987	0.9940	0.9111	0.9986
9.6	0.9406	0.9963	0.9871	0.7994	0.9984	0.9888	0.8609	0.9983
9.7	0.9507	0.9966	0.9897	0.7848	0.9990	0.9918	0.8933	0.9990
9.8	0.9344	0.9960	0.9918	0.7622	0.9986	0.9938	0.8945	0.9985
9.9	0.8952	0.9968	0.9929	0.4547	0.9988	0.9945	0.8830	0.9988
10.0	0.8680	0.9969	0.9918	0.0587	0.9989	0.9942	0.8302	0.9989
10.1	0.8024	0.9967	0.9937	0.3387	0.9985	0.9949	0.8375	0.9985
10.2	0.8591	0.9976	0.9938	0.1525	0.9988	0.9950	0.8358	0.9987
10.3	0.8695	0.9970	0.9936	0.2203	0.9987	0.9945	0.8391	0.9987
10.4	0.8292	0.9978	0.9942	0.4218	0.9990	0.9954	0.8331	0.9990
10.5	0.7484	0.9977	0.9943	0.2286	0.9989	0.9955	0.8021	0.9989
10.6	0.6308	0.9963	0.9931	0.2006	0.9976	0.9934	0.6682	0.9976
10.7	0.6217	0.9979	0.9935	0.2490	0.9987	0.9955	0.7598	0.9986
10.8	0.6325	0.9977	0.9942	0.0710	0.9987	0.9956	0.7857	0.9985
10.9	0.6639	0.9960	0.9939	0.0769	0.9975	0.9940	0.7793	0.9973
11.0	0.5903	0.9964	0.9934	0.0030	0.9980	0.9950	0.7192	0.9979
11.1	0.4932	0.9969	0.9953	0.0541	0.9982	0.9956	0.7141	0.9981
11.2	0.4898	0.9964	0.9953	0.2850	0.9983	0.9961	0.7109	0.9982
11.3	0.6712	0.9960	0.9948	0.5131	0.9979	0.9958	0.7881	0.9978
11.4	0.7654	0.9962	0.9954	0.6826	0.9979	0.9966	0.8568	0.9978
11.5	0.8568	0.9953	0.9953	0.8361	0.9975	0.9957	0.8747	0.9974
11.6	0.8660	0.9947	0.9943	0.8207	0.9968	0.9943	0.8927	0.9968
11.7	0.8833	0.9939	0.9937	0.8535	0.9958	0.9937	0.9173	0.9955
11.8	0.8618	0.9943	0.9946	0.8579	0.9962	0.9948	0.9245	0.9958
11.9	0.9074	0.9924	0.9929	0.8519	0.9949	0.9932	0.9158	0.9946
12.0	0.8751	0.9912	0.9911	0.8695	0.9940	0.9920	0.9028	0.9935
12.1	0.8987	0.9915	0.9923	0.8709	0.9942	0.9932	0.9163	0.9938
12.2	0.8791	0.9854	0.9870	0.8567	0.9902	0.9881	0.8885	0.9894
12.3	0.8372	0.9836	0.9845	0.8542	0.9883	0.9851	0.8744	0.9871
12.4	0.8689	0.9801	0.9853	0.8655	0.9855	0.9831	0.8852	0.9840
12.5	0.8536	0.9815	0.9881	0.8849	0.9869	0.9856	0.9082	0.9845
12.6	0.8921	0.9815	0.9858	0.9120	0.9864	0.9847	0.9197	0.9842
12.7	0.8945	0.9778	0.9813	0.8975	0.9819	0.9790	0.9018	0.9784
12.8	0.8336	0.9561	0.9632	0.8492	0.9642	0.9577	0.8522	0.9578
12.9	0.7799	0.9175	0.9287	0.7874	0.9307	0.9165	0.7841	0.9168
13.0	0.8566	0.9197	0.9284	0.8731	0.9323	0.9177	0.8726	0.9199
13.1	0.8801	0.9156	0.9205	0.8943	0.9257	0.9075	0.8901	0.9118
13.2	0.9242	0.9373	0.9373	0.9415	0.9411	0.9192	0.9396	0.9250
13.3	0.9539	0.9508	0.9496	0.9659	0.9554	0.9331	0.9652	0.9375
13.4	0.9705	0.9584	0.9546	0.9798	0.9631	0.9366	0.9800	0.9441
13.5	0.9762	0.9656	0.9597	0.9846	0.9699	0.9407	0.9858	0.9414
13.6	0.9784	0.9644	0.9550	0.9863	0.9724	0.9441	0.9875	0.9243
13.7	0.9735	0.9682	0.9559	0.9865	0.9738	0.9509	0.9882	0.9098
13.8	0.9798	0.9773	0.9666	0.9914	0.9788	0.9649	0.9921	0.9382
13.9	0.9745	0.9801	0.9678	0.9886	0.9808	0.9672	0.9894	0.9437
14.0	0.9800	0.9836	0.9736	0.9921	0.9840	0.9730	0.9926	0.9575
14.1	0.9860	0.9871	0.9770	0.9937	0.9856	0.9772	0.9935	0.9623
14.2	0.9894	0.9853	0.9734	0.9947	0.9856	0.9724	0.9944	0.9623
14.3	0.9888	0.9767	0.9463	0.9936	0.9756	0.9491	0.9932	0.9327
14.4	0.9864	0.9629	0.9101	0.9930	0.9603	0.9076	0.9917	0.8961
14.5	0.9880	0.9654	0.8907	0.9944	0.9622	0.8868	0.9926	0.8919
14.6	0.9840	0.9427	0.8000	0.9915	0.9375	0.8029	0.9895	0.8214
14.7	0.9790	0.9229	0.6310	0.9883	0.9108	0.6664	0.9861	0.7241
14.8	0.9741	0.9208	0.5948	0.9878	0.9034	0.6416	0.9842	0.7345
14.9	0.9733	0.8925	0.4668	0.9863	0.8434	0.5701	0.9835	0.6218
15.0	0.9744	0.8278	0.4450	0.9871	0.6680	0.5546	0.9847	0.4995
15.1	0.9728	0.7965	0.4075	0.9860	0.5715	0.5333	0.9829	0.4601
15.2	0.9724	0.7594	0.5381	0.9840	0.4006	0.6288	0.9797	0.5597
15.3	0.9574	0.4467	0.5968	0.9702	0.0321	0.6625	0.9673	0.5712
15.4	0.9539	0.5003	0.6356	0.9751	0.1279	0.7050	0.9692	0.6501
15.5	0.9638	0.4198	0.7701	0.9730	0.2750	0.8081	0.9741	0.7733
15.6	0.9634	0.3390	0.8270	0.9777	0.4078	0.8571	0.9748	0.8171
15.7	0.9695	0.4341	0.8620	0.9781	0.5975	0.8758	0.9754	0.8510
15.8	0.9540	0.4730	0.8538	0.9721	0.6586	0.8669	0.9650	0.8494
15.9	0.9529	0.5270	0.8609	0.9642	0.6931	0.8799	0.9604	0.8565
16.0	0.9524	0.6199	0.8716	0.9648	0.7488	0.8862	0.9592	0.8748
16.1	0.9414	0.6828	0.8764	0.9606	0.7754	0.8850	0.9560	0.8709
16.2	0.9445	0.7481	0.8953	0.9607	0.8173	0.9008	0.9553	0.8868
16.3	0.9449	0.7769	0.8884	0.9517	0.8253	0.8951	0.9486	0.8895
16.4	0.9496	0.8450	0.9146	0.9530	0.8782	0.9152	0.9495	0.9151
16.5	0.9515	0.8788	0.9318	0.9560	0.9032	0.9339	0.9539	0.9304

16.6	0.9340	0.8358	0.8987	0.9449	0.8660	0.9066	0.9392	0.8988
16.7	0.9451	0.8824	0.9262	0.9511	0.9072	0.9287	0.9500	0.9257
16.8	0.9213	0.8482	0.8984	0.9235	0.8733	0.8997	0.9231	0.8942
16.9	0.8450	0.7496	0.8216	0.8565	0.7815	0.8228	0.8557	0.8103
17.0	0.8599	0.7831	0.8321	0.8563	0.8020	0.8307	0.8549	0.8272
17.1	0.8356	0.7803	0.8191	0.8309	0.7891	0.8212	0.8306	0.8163
17.2	0.7902	0.7587	0.7922	0.7950	0.7678	0.7929	0.7954	0.7851
17.3	0.8314	0.8192	0.8328	0.8300	0.8185	0.8340	0.8334	0.8309
17.4	0.8310	0.8316	0.8305	0.8224	0.8208	0.8309	0.8262	0.8330
17.5	0.8488	0.8524	0.8469	0.8318	0.8437	0.8481	0.8368	0.8504
17.6	0.9003	0.9109	0.9040	0.8926	0.9016	0.9045	0.8974	0.9047
17.7	0.9197	0.9353	0.9237	0.9130	0.9247	0.9243	0.9146	0.9268
17.8	0.9151	0.9360	0.9217	0.9067	0.9242	0.9214	0.9106	0.9257
17.9	0.9253	0.9498	0.9383	0.9200	0.9391	0.9379	0.9222	0.9385
18.0	0.9364	0.9578	0.9447	0.9298	0.9472	0.9439	0.9321	0.9459
18.1	0.9460	0.9680	0.9572	0.9402	0.9606	0.9565	0.9436	0.9593
18.2	0.9580	0.9758	0.9652	0.9526	0.9691	0.9647	0.9533	0.9682
18.3	0.9561	0.9776	0.9661	0.9526	0.9694	0.9658	0.9539	0.9684
18.4	0.9655	0.9846	0.9745	0.9665	0.9773	0.9748	0.9676	0.9769
18.5	0.9648	0.9860	0.9757	0.9657	0.9781	0.9750	0.9681	0.9779
18.6	0.9598	0.9857	0.9738	0.9597	0.9769	0.9736	0.9630	0.9756
18.7	0.9374	0.9822	0.9666	0.9476	0.9695	0.9647	0.9511	0.9672
18.8	0.9497	0.9846	0.9696	0.9557	0.9730	0.9690	0.9583	0.9722
18.9	0.9395	0.9837	0.9650	0.9529	0.9681	0.9636	0.9524	0.9678
19.0	0.9458	0.9875	0.9706	0.9633	0.9765	0.9712	0.9672	0.9752
19.1	0.9116	0.9875	0.9706	0.9569	0.9756	0.9702	0.9595	0.9745
19.2	0.9315	0.9911	0.9763	0.9698	0.9807	0.9775	0.9717	0.9803
19.3	0.9225	0.9921	0.9768	0.9674	0.9811	0.9764	0.9695	0.9802
19.4	0.9101	0.9908	0.9717	0.9610	0.9765	0.9712	0.9622	0.9756
19.5	0.9204	0.9908	0.9695	0.9562	0.9787	0.9709	0.9589	0.9780
19.6	0.9308	0.9905	0.9710	0.9526	0.9792	0.9717	0.9574	0.9780
19.7	0.9215	0.9906	0.9670	0.9601	0.9764	0.9691	0.9603	0.9769
19.8	0.9216	0.9922	0.9707	0.9656	0.9799	0.9712	0.9671	0.9787
19.9	0.9248	0.9921	0.9689	0.9560	0.9785	0.9685	0.9578	0.9786
20.0	0.9012	0.9916	0.9646	0.9422	0.9778	0.9642	0.9455	0.9772
20.1	0.8091	0.9921	0.9639	0.9600	0.9780	0.9681	0.9592	0.9793
20.2	0.8208	0.9942	0.9699	0.9646	0.9829	0.9717	0.9644	0.9825
20.3	0.6556	0.9919	0.9563	0.9523	0.9760	0.9578	0.9545	0.9760
20.4	0.6375	0.9927	0.9545	0.9478	0.9785	0.9533	0.9510	0.9771
20.5	0.5709	0.9915	0.9397	0.9447	0.9712	0.9467	0.9468	0.9697
20.6	0.5538	0.9936	0.9516	0.9514	0.9745	0.9584	0.9555	0.9754
20.7	0.3550	0.9960	0.9618	0.9593	0.9822	0.9642	0.9600	0.9839
20.8	0.2856	0.9949	0.9556	0.9571	0.9768	0.9516	0.9613	0.9793
20.9	0.0436	0.9943	0.9455	0.9489	0.9752	0.9485	0.9507	0.9759
21.0	0.0580	0.9915	0.9213	0.9251	0.9645	0.9354	0.9292	0.9653
21.1	0.1295	0.9924	0.9238	0.9238	0.9645	0.9340	0.9251	0.9671
21.2	0.2335	0.9927	0.9093	0.9243	0.9634	0.9273	0.9249	0.9652
21.3	0.4402	0.9951	0.9173	0.9333	0.9733	0.9302	0.9348	0.9749
21.4	0.4465	0.9905	0.8930	0.8888	0.9515	0.9064	0.8929	0.9548
21.5	0.6518	0.9924	0.9069	0.8986	0.9533	0.9119	0.9013	0.9565
21.6	0.7667	0.9951	0.9212	0.9273	0.9681	0.9322	0.9287	0.9751
21.7	0.7858	0.9952	0.9200	0.9042	0.9674	0.9272	0.9049	0.9693
21.8	0.6733	0.9934	0.8660	0.8442	0.9339	0.8752	0.8489	0.9512
21.9	0.7347	0.9948	0.8801	0.8582	0.9301	0.8887	0.8597	0.9568
22.0	0.7274	0.9936	0.8578	0.8119	0.9274	0.8418	0.8103	0.9360
22.1	0.6934	0.9915	0.7884	0.7685	0.8950	0.7818	0.7691	0.9309
22.2	0.8019	0.9937	0.8558	0.8440	0.9221	0.8429	0.8428	0.9420
22.3	0.8269	0.9949	0.8642	0.8600	0.9130	0.8561	0.8559	0.9397
22.4	0.8145	0.9945	0.7828	0.8322	0.7957	0.7491	0.8262	0.8836
22.5	0.7764	0.9939	0.7792	0.7252	0.7293	0.6829	0.7016	0.8080
22.6	0.8403	0.9925	0.8345	0.7867	0.8844	0.7928	0.7706	0.9024
22.7	0.7858	0.9934	0.7825	0.7827	0.8859	0.7336	0.7724	0.9063
22.8	0.7535	0.9925	0.7727	0.7096	0.8958	0.7451	0.6879	0.9193
22.9	0.7736	0.9931	0.7458	0.7012	0.9057	0.7334	0.6670	0.9207
23.0	0.7580	0.9924	0.6926	0.7217	0.8846	0.6223	0.7103	0.8844
23.1	0.7764	0.9905	0.6473	0.7318	0.8775	0.5525	0.7185	0.8523
23.2	0.7969	0.9948	0.6955	0.7398	0.8903	0.5854	0.7220	0.8798
23.3	0.7176	0.9931	0.6582	0.7457	0.8944	0.5168	0.7248	0.9055
23.4	0.7861	0.9947	0.6916	0.7197	0.8972	0.6297	0.6936	0.9092
23.5	0.8233	0.9960	0.7328	0.7759	0.9007	0.5145	0.7503	0.8888
23.6	0.8567	0.9966	0.6721	0.8235	0.8967	0.4519	0.8130	0.8980
23.7	0.8886	0.9966	0.6548	0.8100	0.9026	0.4412	0.7909	0.9096
23.8	0.8484	0.9944	0.5268	0.7836	0.8651	0.2715	0.7612	0.8494
23.9	0.8606	0.9941	0.4913	0.7445	0.8440	0.3545	0.7253	0.8506
24.0	0.8603	0.9957	0.4064	0.7629	0.8678	0.2196	0.7462	0.8682
24.1	0.8670	0.9957	0.2996	0.8150	0.8472	0.0853	0.7951	0.8564
24.2	0.8103	0.9961	0.2106	0.7662	0.8194	0.0727	0.7592	0.8534
24.3	0.8239	0.9953	0.1730	0.7947	0.7891	0.0677	0.8102	0.8312
24.4	0.8173	0.9966	0.2297	0.8499	0.7701	0.0447	0.8290	0.8370
24.5	0.8701	0.9974	0.1263	0.8809	0.8001	0.0741	0.8521	0.8829
24.6	0.8313	0.9966	0.0295	0.8305	0.7832	0.0492	0.8300	0.8671
24.7	0.8140	0.9966	0.1301	0.7586	0.7918	0.0614	0.7467	0.8769
24.8	0.8372	0.9961	0.1161	0.7410	0.6830	0.1714	0.7217	0.8156
24.9	0.7440	0.9958	0.2693	0.7619	0.5773	0.3833	0.7233	0.7667
25.0	0.7432	0.9961	0.3074	0.7773	0.5634	0.3449	0.7469	0.7633
25.1	0.7499	0.9954	0.2815	0.7204	0.4894	0.4235	0.7228	0.7202

25.2	0.7244	0.9965	0.5014	0.6577	0.4225	0.6020	0.6260	0.7086
25.3	0.5933	0.9955	0.4968	0.6392	0.3405	0.5520	0.6504	0.6765
25.4	0.6896	0.9957	0.5391	0.6901	0.3782	0.6364	0.6798	0.7669
25.5	0.6347	0.9956	0.6163	0.6881	0.2348	0.6937	0.6605	0.6876
25.6	0.6088	0.9947	0.6230	0.6270	0.2278	0.6236	0.6180	0.5998
25.7	0.5495	0.9957	0.6661	0.6360	0.2004	0.7157	0.6455	0.4451
25.8	0.5446	0.9957	0.8068	0.6709	0.3238	0.7850	0.6475	0.5278
25.9	0.5405	0.9962	0.8341	0.6325	0.4640	0.8360	0.6163	0.6294
26.0	0.5502	0.9954	0.8472	0.5489	0.2739	0.8382	0.5681	0.5027
26.1	0.4713	0.9955	0.7855	0.5137	0.4159	0.8312	0.5212	0.2869
26.2	0.4730	0.9954	0.8482	0.4291	0.5226	0.8452	0.4935	0.3369
26.3	0.5100	0.9953	0.8361	0.5558	0.5204	0.8585	0.4655	0.2993
26.4	0.5376	0.9948	0.8895	0.5710	0.6159	0.8762	0.5748	0.2945
26.5	0.4760	0.9917	0.8731	0.3764	0.5745	0.8858	0.4750	0.0974
26.6	0.4096	0.9927	0.8705	0.4794	0.5674	0.8936	0.5025	0.1302
26.7	0.4756	0.9949	0.9020	0.4829	0.5480	0.9096	0.4699	0.0659
26.8	0.2944	0.9931	0.8609	0.2734	0.4226	0.8763	0.3035	0.0178
26.9	0.3583	0.9929	0.9073	0.1563	0.6097	0.9084	0.4069	0.0357
27.0	0.3610	0.9948	0.9324	0.1500	0.6564	0.9404	0.2506	0.0873
27.1	0.3616	0.9927	0.9098	0.0507	0.5681	0.9264	0.0710	0.1966
27.2	0.2851	0.9922	0.8929	0.0055	0.4920	0.9005	0.0329	0.1412
27.3	0.2453	0.9937	0.9275	0.0072	0.5728	0.9247	0.0640	0.3168
27.4	0.2477	0.9929	0.9398	0.0991	0.6087	0.9314	0.0569	0.4272
27.5	0.3739	0.9924	0.9004	0.1573	0.5679	0.9090	0.0505	0.3712
27.6	0.2554	0.9922	0.9112	0.1412	0.4831	0.9036	0.0799	0.4346
27.7	0.1805	0.9936	0.9114	0.0782	0.4926	0.9156	0.0788	0.4455
27.8	0.2709	0.9944	0.9374	0.0696	0.5381	0.9393	0.0360	0.6486
27.9	0.4324	0.9941	0.9480	0.1626	0.5582	0.9514	0.1487	0.7265
28.0	0.1586	0.9945	0.9554	0.0573	0.5348	0.9647	0.0593	0.7422
28.1	0.0707	0.9944	0.9506	0.0625	0.6263	0.9604	0.0665	0.6964
28.2	0.3273	0.9956	0.9556	0.2434	0.6840	0.9597	0.2354	0.7605
28.3	0.3118	0.9953	0.9663	0.2410	0.7666	0.9663	0.2816	0.7939
28.4	0.2220	0.9943	0.9499	0.1102	0.6793	0.9480	0.1663	0.7538
28.5	0.0586	0.9943	0.9462	0.0102	0.7503	0.9484	0.0639	0.7966
28.6	0.1388	0.9937	0.9525	0.0739	0.7975	0.9529	0.0974	0.8130
28.7	0.1678	0.9957	0.9709	0.0372	0.8389	0.9693	0.1097	0.8974
28.8	0.1588	0.9961	0.9670	0.0232	0.8472	0.9679	0.1401	0.8771
28.9	0.1892	0.9968	0.9729	0.0287	0.9069	0.9740	0.0840	0.8998
29.0	0.2362	0.9963	0.9783	0.0609	0.9341	0.9802	0.1228	0.9237
29.1	0.2413	0.9959	0.9730	0.0671	0.9194	0.9728	0.2247	0.9189
29.2	0.1328	0.9951	0.9698	0.0452	0.8984	0.9704	0.1372	0.8828
29.3	0.2172	0.9937	0.9655	0.0511	0.9063	0.9687	0.2522	0.8993
29.4	0.0884	0.9949	0.9659	0.0011	0.9215	0.9646	0.0829	0.8907
29.5	0.0372	0.9938	0.9643	0.0367	0.9133	0.9727	0.0185	0.9012
29.6	0.0404	0.9940	0.9677	0.0321	0.9162	0.9701	0.0043	0.8910
29.7	0.0070	0.9934	0.9491	0.0707	0.8769	0.9582	0.0486	0.8641
29.8	0.0916	0.9945	0.9624	0.0472	0.9308	0.9698	0.0214	0.9161
29.9	0.0399	0.9949	0.9319	0.0732	0.7445	0.9488	0.0005	0.8453
30.0	0.0680	0.9958	0.9562	0.1533	0.9248	0.9619	0.0088	0.9070
30.1	0.1195	0.9954	0.9622	0.1435	0.9195	0.9700	0.0299	0.9059
30.2	0.1122	0.9957	0.9700	0.2141	0.9348	0.9789	0.0463	0.9177
30.3	0.1068	0.9950	0.9701	0.3207	0.9447	0.9773	0.0623	0.9157
30.4	0.0345	0.9940	0.9651	0.1214	0.9486	0.9766	0.0100	0.9296
30.5	0.0748	0.9943	0.9591	0.1679	0.9447	0.9763	0.0360	0.9355
30.6	0.0575	0.9930	0.9610	0.1700	0.9360	0.9739	0.0471	0.9266
30.7	0.0590	0.9919	0.9554	0.2611	0.9469	0.9796	0.0707	0.9389
30.8	0.0476	0.9897	0.9375	0.1992	0.9271	0.9735	0.0408	0.9232
30.9	0.0043	0.9898	0.9267	0.1576	0.9009	0.9688	0.0864	0.9026
31.0	0.0120	0.9910	0.9580	0.2153	0.9250	0.9780	0.0626	0.8863
31.1	0.0667	0.9930	0.9469	0.1907	0.9119	0.9791	0.0153	0.8666
31.2	0.1214	0.9911	0.9427	0.1413	0.9055	0.9671	0.0154	0.7973
31.3	0.0477	0.9933	0.9367	0.1533	0.8815	0.9695	0.0727	0.7678
31.4	0.0249	0.9888	0.9163	0.0702	0.8437	0.9613	0.0211	0.6245
31.5	0.1440	0.9910	0.9263	0.2571	0.8750	0.9508	0.0901	0.5441
31.6	0.2652	0.9909	0.9355	0.3457	0.8471	0.9538	0.1938	0.5532
31.7	0.2191	0.9928	0.9346	0.3553	0.8205	0.9446	0.2205	0.5803
31.8	0.1672	0.9938	0.9489	0.3401	0.8615	0.9363	0.1697	0.4967
31.9	0.0871	0.9940	0.9513	0.2617	0.8286	0.9369	0.1613	0.5255
32.0	0.1492	0.9922	0.9501	0.2713	0.7979	0.9123	0.1763	0.4707
32.1	0.1941	0.9945	0.9546	0.1825	0.8331	0.9068	0.0782	0.4379
32.2	0.2338	0.9933	0.9377	0.2264	0.7760	0.8684	0.1473	0.3950
32.3	0.0856	0.9920	0.9449	0.1367	0.7690	0.8795	0.0507	0.2923
32.4	0.1338	0.9944	0.9748	0.1621	0.8701	0.9270	0.0521	0.4383
32.5	0.3151	0.9960	0.9744	0.2905	0.8777	0.9217	0.1583	0.4397
32.6	0.4018	0.9967	0.9774	0.3829	0.8734	0.9466	0.2563	0.5541
32.7	0.1827	0.9957	0.9775	0.1837	0.8266	0.9296	0.0989	0.4940
32.8	0.1330	0.9959	0.9745	0.1765	0.8341	0.9373	0.0784	0.5593
32.9	0.2651	0.9968	0.9782	0.2843	0.8568	0.9518	0.1655	0.6180
33.0	0.3062	0.9968	0.9802	0.2423	0.8696	0.9609	0.1248	0.6992
33.1	0.2444	0.9961	0.9833	0.2289	0.8673	0.9750	0.0550	0.7638
33.2	0.3536	0.9971	0.9880	0.2971	0.9030	0.9802	0.1456	0.8131
33.3	0.2639	0.9967	0.9864	0.1649	0.8951	0.9740	0.0677	0.8061
33.4	0.1462	0.9959	0.9860	0.2767	0.8752	0.9689	0.1248	0.8187
33.5	0.1951	0.9957	0.9886	0.4113	0.9165	0.9759	0.1984	0.8515
33.6	0.0908	0.9945	0.9768	0.3329	0.9157	0.9657	0.1341	0.8098
33.7	0.1186	0.9941	0.9737	0.3967	0.9470	0.9461	0.2092	0.7613

33.8	0.0884	0.9946	0.9797	0.4212	0.9558	0.9585	0.2277	0.8369
33.9	0.2105	0.9938	0.9758	0.4585	0.9588	0.9574	0.3291	0.8225
34.0	0.4577	0.9952	0.9822	0.5853	0.9818	0.9723	0.4200	0.8946
34.1	0.4206	0.9965	0.9891	0.5347	0.9850	0.9800	0.2794	0.9280
34.2	0.3697	0.9947	0.9826	0.5022	0.9806	0.9723	0.3203	0.9012
34.3	0.5199	0.9930	0.9846	0.5502	0.9809	0.9749	0.4257	0.9045
34.4	0.5872	0.9938	0.9877	0.6082	0.9812	0.9803	0.4872	0.9158
34.5	0.5681	0.9933	0.9887	0.5186	0.9779	0.9836	0.4117	0.9434
34.6	0.6645	0.9955	0.9869	0.5934	0.9722	0.9828	0.4141	0.9487
34.7	0.6809	0.9950	0.9899	0.5929	0.9737	0.9861	0.4262	0.9490
34.8	0.6688	0.9944	0.9891	0.5580	0.9702	0.9847	0.4417	0.9486
34.9	0.6548	0.9922	0.9902	0.4895	0.9697	0.9860	0.4309	0.9430
35.0	0.6700	0.9933	0.9911	0.4291	0.9687	0.9880	0.3286	0.9498
35.1	0.7312	0.9960	0.9916	0.5101	0.9707	0.9898	0.3361	0.9638
35.2	0.5524	0.9933	0.9851	0.3088	0.9382	0.9827	0.1484	0.9478
35.3	0.5415	0.9925	0.9883	0.2540	0.9358	0.9896	0.1927	0.9640
35.4	0.6189	0.9936	0.9898	0.3784	0.9439	0.9881	0.1260	0.9563
35.5	0.5119	0.9901	0.9836	0.4091	0.9127	0.9810	0.0101	0.9376
35.6	0.5177	0.9913	0.9876	0.4665	0.9231	0.9900	0.0034	0.9683
35.7	0.5237	0.9918	0.9906	0.4914	0.9270	0.9922	0.0117	0.9753
35.8	0.6271	0.9948	0.9929	0.5684	0.9463	0.9939	0.0200	0.9798
35.9	0.6579	0.9924	0.9931	0.6244	0.9426	0.9943	0.0899	0.9779
36.0	0.5851	0.9916	0.9894	0.5592	0.9253	0.9930	0.0609	0.9787
36.1	0.7221	0.9941	0.9929	0.7467	0.9598	0.9940	0.1887	0.9845
36.2	0.7834	0.9950	0.9952	0.7881	0.9668	0.9953	0.2398	0.9865
36.3	0.7192	0.9924	0.9936	0.6880	0.9587	0.9943	0.2880	0.9825
36.4	0.7113	0.9902	0.9923	0.7123	0.9542	0.9931	0.3240	0.9857
36.5	0.7521	0.9930	0.9938	0.7368	0.9630	0.9952	0.3998	0.9879
36.6	0.8039	0.9934	0.9911	0.7658	0.9641	0.9929	0.4241	0.9900
36.7	0.8450	0.9944	0.9930	0.8428	0.9753	0.9939	0.5658	0.9929
36.8	0.8427	0.9955	0.9941	0.8491	0.9785	0.9939	0.5729	0.9913
36.9	0.8200	0.9937	0.9913	0.8243	0.9706	0.9919	0.5815	0.9890
37.0	0.8547	0.9948	0.9918	0.8661	0.9753	0.9925	0.6645	0.9892
37.1	0.8403	0.9936	0.9914	0.8445	0.9738	0.9922	0.6626	0.9865
37.2	0.8624	0.9932	0.9904	0.8710	0.9770	0.9912	0.7367	0.9879
37.3	0.8681	0.9939	0.9897	0.8977	0.9765	0.9906	0.7788	0.9896
37.4	0.8935	0.9958	0.9889	0.9048	0.9787	0.9908	0.8149	0.9873
37.5	0.9151	0.9945	0.9931	0.9104	0.9836	0.9945	0.8331	0.9923
37.6	0.9247	0.9939	0.9932	0.9350	0.9881	0.9942	0.8779	0.9910
37.7	0.9321	0.9954	0.9939	0.9498	0.9892	0.9953	0.9094	0.9932
37.8	0.9331	0.9954	0.9937	0.9529	0.9877	0.9948	0.9114	0.9941
37.9	0.9507	0.9948	0.9936	0.9516	0.9921	0.9947	0.9233	0.9890
38.0	0.9314	0.9956	0.9947	0.9495	0.9916	0.9948	0.9077	0.9901
38.1	0.9384	0.9934	0.9939	0.9527	0.9914	0.9941	0.9209	0.9874
38.2	0.9559	0.9962	0.9938	0.9592	0.9905	0.9941	0.9412	0.9877
38.3	0.9516	0.9949	0.9945	0.9635	0.9910	0.9948	0.9497	0.9860
38.4	0.9590	0.9948	0.9946	0.9637	0.9910	0.9945	0.9499	0.9838
38.5	0.9485	0.9942	0.9934	0.9551	0.9871	0.9935	0.9372	0.9751
38.6	0.9620	0.9956	0.9949	0.9686	0.9920	0.9951	0.9568	0.9784
38.7	0.9570	0.9952	0.9958	0.9697	0.9924	0.9963	0.9559	0.9742
38.8	0.9429	0.9946	0.9940	0.9529	0.9887	0.9956	0.9342	0.9712
38.9	0.9408	0.9951	0.9940	0.9612	0.9871	0.9952	0.9536	0.9715
39.0	0.9314	0.9951	0.9944	0.9617	0.9837	0.9954	0.9549	0.9630
39.1	0.9513	0.9972	0.9947	0.9679	0.9868	0.9948	0.9663	0.9711
39.2	0.9350	0.9954	0.9923	0.9472	0.9782	0.9932	0.9536	0.9567
39.3	0.9398	0.9948	0.9924	0.9528	0.9758	0.9937	0.9509	0.9588
39.4	0.9249	0.9937	0.9915	0.9536	0.9730	0.9925	0.9567	0.9642
39.5	0.8980	0.9928	0.9926	0.9427	0.9650	0.9932	0.9515	0.9417
39.6	0.9168	0.9945	0.9934	0.9384	0.9657	0.9948	0.9439	0.9507
39.7	0.9162	0.9941	0.9938	0.9223	0.9571	0.9948	0.9280	0.9450
39.8	0.8904	0.9959	0.9928	0.8977	0.9436	0.9937	0.9241	0.9525
39.9	0.8946	0.9949	0.9925	0.9241	0.9579	0.9925	0.9391	0.9642
40.0	0.8763	0.9921	0.9920	0.9208	0.9538	0.9917	0.9332	0.9565
40.1	0.8789	0.9899	0.9919	0.9048	0.9567	0.9934	0.9324	0.9546
40.2	0.8172	0.9895	0.9870	0.8324	0.9092	0.9884	0.8835	0.9374
40.3	0.7887	0.9922	0.9918	0.8659	0.9111	0.9922	0.8931	0.9577
40.4	0.7511	0.9925	0.9896	0.8166	0.8918	0.9920	0.8609	0.9519
40.5	0.7438	0.9906	0.9883	0.8199	0.8830	0.9913	0.8758	0.9531
40.6	0.7651	0.9897	0.9835	0.8333	0.8658	0.9874	0.8778	0.9503
40.7	0.7573	0.9891	0.9860	0.7979	0.8527	0.9885	0.8637	0.9419
40.8	0.7508	0.9940	0.9913	0.7638	0.8432	0.9935	0.8479	0.9561
40.9	0.6683	0.9930	0.9896	0.7574	0.8024	0.9921	0.8508	0.9512
41.0	0.5628	0.9894	0.9873	0.6235	0.7103	0.9909	0.7952	0.9354
41.1	0.5557	0.9921	0.9907	0.6266	0.6376	0.9936	0.7886	0.9303
41.2	0.5825	0.9936	0.9902	0.6767	0.6973	0.9949	0.8271	0.9211
41.3	0.5657	0.9926	0.9871	0.5946	0.6201	0.9918	0.7614	0.8784
41.4	0.5939	0.9923	0.9865	0.3529	0.6257	0.9904	0.6404	0.8429
41.5	0.5512	0.9917	0.9864	0.3669	0.5926	0.9916	0.6011	0.7828
41.6	0.4686	0.9942	0.9900	0.6290	0.6513	0.9934	0.7535	0.8314
41.7	0.4853	0.9923	0.9899	0.5304	0.6056	0.9936	0.7079	0.8006
41.8	0.3689	0.9923	0.9917	0.4106	0.5046	0.9952	0.6728	0.7758
41.9	0.3803	0.9949	0.9909	0.3741	0.5137	0.9956	0.6366	0.7656
42.0	0.3477	0.9946	0.9886	0.4005	0.5273	0.9945	0.6580	0.6721
42.1	0.2194	0.9960	0.9901	0.3257	0.4978	0.9951	0.5627	0.5175
42.2	0.0239	0.9929	0.9900	0.2535	0.4327	0.9949	0.5410	0.6895
42.3	0.0880	0.9918	0.9866	0.1456	0.4831	0.9935	0.3512	0.6303

42.4	0.1791	0.9959	0.9915	0.2415	0.5713	0.9954	0.4282	0.6123
42.5	0.1439	0.9946	0.9908	0.1050	0.5492	0.9943	0.3266	0.5466
42.6	0.1217	0.9924	0.9865	0.0870	0.5492	0.9920	0.1520	0.2429
42.7	0.1805	0.9921	0.9884	0.3018	0.6110	0.9896	0.3798	0.3428
42.8	0.2826	0.9936	0.9911	0.4232	0.4913	0.9929	0.6449	0.1545
42.9	0.2580	0.9941	0.9917	0.2520	0.4693	0.9941	0.4537	0.1434
43.0	0.4293	0.9915	0.9889	0.2151	0.5814	0.9920	0.3171	0.0568
43.1	0.4203	0.9902	0.9901	0.4225	0.6116	0.9924	0.5916	0.0113
43.2	0.3613	0.9931	0.9896	0.1919	0.6191	0.9924	0.2939	0.0446
43.3	0.2382	0.9931	0.9879	0.2138	0.5069	0.9918	0.3100	0.0159
43.4	0.1305	0.9937	0.9867	0.1243	0.3403	0.9926	0.2718	0.0587
43.5	0.2145	0.9893	0.9812	0.1521	0.2924	0.9914	0.2386	0.0203
43.6	0.4174	0.9890	0.9805	0.2222	0.1990	0.9896	0.3161	0.0546
43.7	0.2898	0.9911	0.9825	0.2058	0.2488	0.9902	0.2745	0.0519
43.8	0.3658	0.9892	0.9806	0.1612	0.2728	0.9871	0.1971	0.0157
43.9	0.4918	0.9941	0.9836	0.1865	0.2215	0.9920	0.2365	0.0496
44.0	0.5518	0.9938	0.9824	0.2412	0.2722	0.9925	0.2861	0.0022
44.1	0.3725	0.9896	0.9780	0.1104	0.2436	0.9913	0.1409	0.0089
44.2	0.6199	0.9911	0.9762	0.0850	0.1191	0.9895	0.0952	0.0398
44.3	0.6372	0.9916	0.9722	0.1892	0.1780	0.9872	0.2107	0.0464
44.4	0.5787	0.9912	0.9664	0.2210	0.1767	0.9831	0.2378	0.0394
44.5	0.6218	0.9905	0.9715	0.2097	0.1155	0.9723	0.2390	0.0584
44.6	0.7750	0.9891	0.9736	0.2775	0.2743	0.9790	0.2937	0.0735
44.7	0.6715	0.9911	0.9779	0.1975	0.2994	0.9872	0.1754	0.0644
44.8	0.8053	0.9928	0.9802	0.2281	0.3599	0.9835	0.2382	0.0834
44.9	0.8737	0.9920	0.9802	0.2902	0.2295	0.9904	0.2815	0.0855
45.0	0.7215	0.9888	0.9651	0.2167	0.2692	0.9796	0.2127	0.0037
45.1	0.5654	0.9880	0.9640	0.0912	0.1484	0.9853	0.0763	0.1415
45.2	0.6698	0.9915	0.9580	0.1489	0.2782	0.9890	0.1196	0.1160
45.3	0.6665	0.9914	0.9548	0.1376	0.2595	0.9869	0.1176	0.0459
45.4	0.5987	0.9894	0.9635	0.0149	0.1099	0.9790	0.0085	0.1364
45.5	0.6230	0.9885	0.9665	0.0827	0.2362	0.9823	0.0618	0.1097
45.6	0.5945	0.9898	0.9774	0.3608	0.4970	0.9913	0.3334	0.0628
45.7	0.5434	0.9940	0.9752	0.2595	0.4075	0.9866	0.2382	0.0077
45.8	0.6925	0.9926	0.9522	0.1226	0.2573	0.9751	0.0994	0.0482
45.9	0.7938	0.9921	0.9609	0.2134	0.3784	0.9737	0.1744	0.0602
46.0	0.8304	0.9932	0.9697	0.2549	0.4100	0.9781	0.2299	0.0561
46.1	0.8573	0.9925	0.9676	0.1276	0.3164	0.9781	0.0730	0.1193
46.2	0.8670	0.9914	0.9620	0.1500	0.3606	0.9719	0.1013	0.0567
46.3	0.9097	0.9898	0.9522	0.1146	0.3498	0.9625	0.0860	0.0470
46.4	0.9157	0.9928	0.9703	0.2093	0.6274	0.9674	0.1689	0.1665
46.5	0.8368	0.9885	0.9704	0.3227	0.4681	0.9798	0.2882	0.2639
46.6	0.7320	0.9911	0.9714	0.2927	0.6016	0.9761	0.2538	0.1700
46.7	0.7857	0.9932	0.9704	0.1973	0.5619	0.9764	0.0973	0.3658
46.8	0.8279	0.9940	0.9705	0.2239	0.5834	0.9780	0.0922	0.4515
46.9	0.8224	0.9933	0.9725	0.2618	0.5698	0.9826	0.2038	0.4651
47.0	0.8645	0.9935	0.9797	0.2991	0.7753	0.9811	0.2740	0.6192
47.1	0.8576	0.9936	0.9814	0.6486	0.6860	0.9853	0.6634	0.8315
47.2	0.7738	0.9902	0.9586	0.4958	0.3966	0.9844	0.4264	0.5185
47.3	0.8525	0.9930	0.9632	0.4882	0.4992	0.9904	0.4343	0.4817
47.4	0.9009	0.9930	0.9697	0.5723	0.4231	0.9934	0.5142	0.5160
47.5	0.8113	0.9890	0.9421	0.4001	0.2631	0.9884	0.3226	0.2915
47.6	0.9200	0.9952	0.9554	0.3524	0.2115	0.9876	0.2730	0.3898
47.7	0.9343	0.9936	0.9555	0.4489	0.4287	0.9805	0.3797	0.3992
47.8	0.9106	0.9919	0.9571	0.7010	0.7520	0.9853	0.6585	0.3069
47.9	0.9306	0.9939	0.9717	0.5742	0.6718	0.9841	0.5181	0.3499
48.0	0.9005	0.9934	0.9824	0.8539	0.8751	0.9907	0.8361	0.5851
48.1	0.8996	0.9931	0.9602	0.5755	0.5900	0.9782	0.4850	0.4174
48.2	0.8503	0.9921	0.9605	0.5216	0.5915	0.9853	0.4193	0.6377
48.3	0.8333	0.9923	0.9375	0.3700	0.5356	0.9755	0.3057	0.3147
48.4	0.9272	0.9924	0.9630	0.5210	0.7758	0.9694	0.4579	0.5631
48.5	0.8436	0.9917	0.9554	0.6821	0.4547	0.9812	0.6216	0.6156
48.6	0.9033	0.9926	0.9464	0.5168	0.2602	0.9773	0.4572	0.5443
48.7	0.8804	0.9939	0.9583	0.6278	0.5611	0.9849	0.5556	0.7641
48.8	0.8669	0.9926	0.9487	0.6012	0.4642	0.9864	0.5123	0.6561
48.9	0.8977	0.9929	0.9453	0.8542	0.6451	0.9867	0.8127	0.6050
49.0	0.8718	0.9919	0.9512	0.7741	0.6931	0.9918	0.7150	0.4037
49.1	0.8391	0.9942	0.9544	0.6589	0.6722	0.9920	0.5738	0.5436
49.2	0.7088	0.9926	0.9135	0.2739	0.4610	0.9905	0.1800	0.3426
49.3	0.7420	0.9900	0.9047	0.2834	0.4959	0.9838	0.1995	0.2323
49.4	0.8068	0.9941	0.9352	0.6011	0.6520	0.9892	0.5381	0.3569
49.5	0.7487	0.9930	0.9269	0.4994	0.6863	0.9897	0.4303	0.3881
49.6	0.7667	0.9946	0.9275	0.4738	0.7317	0.9915	0.3718	0.3432
49.7	0.8681	0.9948	0.9494	0.6747	0.8273	0.9930	0.6096	0.2920
49.8	0.8397	0.9933	0.9419	0.6839	0.8007	0.9897	0.6231	0.3430
49.9	0.7450	0.9897	0.9204	0.5633	0.6766	0.9894	0.4693	0.4035
50.0	0.6912	0.9908	0.9089	0.6557	0.7999	0.9849	0.5908	0.5343
50.1	0.6575	0.9911	0.8900	0.4848	0.6793	0.9915	0.4071	0.1757
50.2	0.6211	0.9896	0.8522	0.2359	0.5691	0.9850	0.1670	0.2213
50.3	0.8024	0.9880	0.9114	0.5159	0.8514	0.9837	0.4591	0.5552
50.4	0.7961	0.9874	0.9337	0.7716	0.7896	0.9882	0.7331	0.4621
50.5	0.7830	0.9878	0.9205	0.5537	0.7517	0.9914	0.4795	0.3080
50.6	0.8060	0.9906	0.9146	0.5610	0.7339	0.9923	0.4943	0.1909
50.7	0.7844	0.9869	0.9070	0.5341	0.7671	0.9893	0.4778	0.3363
50.8	0.8178	0.9904	0.9391	0.6299	0.8241	0.9919	0.5991	0.5694
50.9	0.7322	0.9889	0.9197	0.5496	0.7365	0.9899	0.5165	0.5199

51.0	0.8092	0.9841	0.9039	0.5221	0.7597	0.9905	0.5036	0.5627
51.1	0.7419	0.9857	0.8982	0.3290	0.6876	0.9879	0.2563	0.3529
51.2	0.7070	0.9779	0.8365	0.2729	0.6033	0.9845	0.2247	0.2518
51.3	0.7985	0.9830	0.8929	0.3495	0.7388	0.9912	0.3138	0.5144
51.4	0.7523	0.9806	0.8975	0.4080	0.6892	0.9885	0.3977	0.5234
51.5	0.7400	0.9811	0.8629	0.1769	0.5529	0.9887	0.2113	0.4621
51.6	0.7422	0.9720	0.8696	0.1931	0.7212	0.9874	0.2398	0.6243
51.7	0.6637	0.9737	0.8614	0.1083	0.5288	0.9767	0.1403	0.5064
51.8	0.7709	0.9769	0.8786	0.2194	0.6567	0.9901	0.2993	0.7104
51.9	0.7929	0.9734	0.8654	0.1529	0.7281	0.9848	0.1675	0.5385
52.0	0.7389	0.9708	0.8656	0.0706	0.4842	0.9729	0.1480	0.4864
52.1	0.7929	0.9660	0.8171	0.0165	0.4912	0.9799	0.0826	0.4605
52.2	0.6946	0.9617	0.7895	0.0101	0.5037	0.9763	0.0626	0.4208
52.3	0.6873	0.9692	0.7874	0.0452	0.6385	0.9751	0.0089	0.3296
52.4	0.7390	0.9610	0.7683	0.0319	0.6304	0.9785	0.0284	0.4496
52.5	0.8187	0.9595	0.8603	0.0016	0.6272	0.9686	0.0414	0.5397
52.6	0.7623	0.9478	0.7942	0.0085	0.5279	0.9563	0.0321	0.4285
52.7	0.7077	0.9495	0.7760	0.0201	0.6436	0.9675	0.0048	0.4536
52.8	0.6934	0.9546	0.8285	0.1593	0.7539	0.9684	0.0528	0.4161
52.9	0.6068	0.9361	0.7017	0.0469	0.5037	0.9414	0.0179	0.3003
53.0	0.5722	0.9198	0.7062	0.0350	0.5973	0.9533	0.0022	0.4940
53.1	0.6876	0.9095	0.7848	0.0392	0.2949	0.9379	0.1159	0.5940
53.2	0.6928	0.9416	0.7794	0.1107	0.5505	0.9501	0.1124	0.5975
53.3	0.6850	0.9387	0.7309	0.1525	0.6260	0.9504	0.0960	0.5263
53.4	0.7483	0.9213	0.7327	0.3070	0.7164	0.9605	0.2712	0.6525
53.5	0.8079	0.9333	0.7065	0.3967	0.8308	0.9730	0.2977	0.5861
53.6	0.6315	0.9211	0.7723	0.3196	0.8144	0.9655	0.1951	0.6614
53.7	0.5610	0.9301	0.6645	0.2084	0.6564	0.9341	0.1365	0.4830
53.8	0.3367	0.9235	0.4762	0.3780	0.7262	0.9349	0.3003	0.3441
53.9	0.2177	0.9240	0.4610	0.5084	0.7964	0.9522	0.4164	0.3202
54.0	0.3785	0.9008	0.4739	0.4096	0.7513	0.9374	0.3167	0.3884
54.1	0.6643	0.8866	0.5576	0.3823	0.7609	0.9360	0.2719	0.3431
54.2	0.6503	0.8786	0.7049	0.3151	0.8151	0.9589	0.1621	0.6564
54.3	0.2703	0.8503	0.4127	0.2385	0.6379	0.8921	0.1564	0.3153
54.4	0.1212	0.8791	0.3131	0.3213	0.6912	0.8924	0.2343	0.2511
54.5	0.0441	0.8800	0.2975	0.4062	0.7515	0.9093	0.3205	0.1919
54.6	0.1058	0.9043	0.2325	0.5871	0.8451	0.9355	0.5159	0.2355
54.7	0.1483	0.9182	0.6311	0.7005	0.9269	0.9667	0.5976	0.7474
54.8	0.2353	0.8788	0.5146	0.3724	0.7970	0.9495	0.2360	0.6054
54.9	0.0695	0.8415	0.2046	0.3690	0.7288	0.9010	0.2820	0.2613
55.0	0.0675	0.8831	0.3858	0.5977	0.8755	0.9525	0.5062	0.3707
55.1	0.0840	0.9134	0.2774	0.6381	0.8719	0.9450	0.5570	0.2746
55.2	0.1521	0.9182	0.3994	0.7227	0.8968	0.9511	0.6578	0.0872
55.3	0.1223	0.9137	0.3050	0.6624	0.8709	0.9269	0.5998	0.1243
55.4	0.1684	0.9155	0.4702	0.7230	0.8992	0.9413	0.6737	0.0657
55.5	0.0576	0.9282	0.7377	0.7946	0.9405	0.9591	0.7464	0.4858
55.6	0.2283	0.9375	0.4186	0.7285	0.9148	0.9563	0.6708	0.3332
55.7	0.3897	0.9555	0.6122	0.8025	0.9252	0.9520	0.7599	0.1261
55.8	0.5523	0.9499	0.7131	0.8651	0.9401	0.9534	0.8378	0.0571
55.9	0.5546	0.9587	0.7086	0.8578	0.9428	0.9569	0.8346	0.0822
56.0	0.4765	0.9511	0.7304	0.8475	0.9429	0.9542	0.8232	0.3260
56.1	0.3535	0.9585	0.5890	0.8485	0.9438	0.9591	0.8164	0.2675
56.2	0.6188	0.9635	0.7610	0.8721	0.9357	0.9449	0.8534	0.2057
56.3	0.6816	0.9667	0.8073	0.8784	0.9372	0.9440	0.8648	0.3149
56.4	0.6961	0.9728	0.8450	0.8859	0.9324	0.9367	0.8800	0.5297
56.5	0.6707	0.9714	0.8438	0.8903	0.9321	0.9350	0.8836	0.5515
56.6	0.6998	0.9781	0.8589	0.8837	0.9307	0.9345	0.8823	0.5875
56.7	0.7637	0.9819	0.8918	0.9104	0.9451	0.9467	0.9099	0.7533
56.8	0.7478	0.9851	0.8951	0.9257	0.9495	0.9520	0.9170	0.7703
56.9	0.7092	0.9833	0.8833	0.8955	0.9269	0.9280	0.8968	0.7964
57.0	0.5937	0.9824	0.8977	0.9105	0.9375	0.9305	0.9076	0.8172
57.1	0.3921	0.9803	0.8924	0.9199	0.9358	0.9326	0.9142	0.8290
57.2	0.0066	0.9858	0.9116	0.9001	0.9375	0.9232	0.9238	0.8788
57.3	0.7662	0.9857	0.8718	0.8636	0.9076	0.8956	0.8762	0.7280
57.4	0.7585	0.9827	0.8909	0.8971	0.9018	0.9041	0.9023	0.8670
57.5	0.7539	0.9886	0.9014	0.9024	0.9172	0.9206	0.9093	0.8914
57.6	0.6930	0.9919	0.9127	0.8978	0.9096	0.9041	0.9084	0.9115
57.7	0.6816	0.9903	0.9054	0.8933	0.9054	0.8975	0.9052	0.9159
57.8	0.7486	0.9908	0.9254	0.9153	0.9164	0.9110	0.9275	0.9371
57.9	0.7260	0.9922	0.9269	0.8901	0.9100	0.9097	0.9227	0.9425
58.0	0.6284	0.9910	0.9062	0.8631	0.8705	0.8726	0.8976	0.9379
58.1	0.5614	0.9895	0.8998	0.8791	0.8598	0.8421	0.8948	0.9401
58.2	0.5756	0.9864	0.9151	0.8855	0.8574	0.8432	0.9034	0.9386
58.3	0.5297	0.9892	0.9194	0.9114	0.8587	0.8469	0.9193	0.9562
58.4	0.6461	0.9927	0.9368	0.9100	0.8482	0.8307	0.9285	0.9690
58.5	0.8530	0.9937	0.9352	0.9181	0.8962	0.8789	0.9353	0.9694
58.6	0.7260	0.9903	0.9175	0.8876	0.8453	0.8099	0.9031	0.9479
58.7	0.4934	0.9923	0.9141	0.8871	0.8268	0.8145	0.9049	0.9476
58.8	0.8553	0.9928	0.9071	0.9084	0.8230	0.8766	0.9250	0.9687
58.9	0.9235	0.9923	0.9318	0.9286	0.8786	0.8943	0.9458	0.9762
59.0	0.8228	0.9904	0.9231	0.9242	0.8357	0.8813	0.9338	0.9748
59.1	0.8038	0.9901	0.9034	0.9035	0.7841	0.8532	0.9201	0.9713
59.2	0.8806	0.9927	0.9319	0.9281	0.8348	0.8961	0.9479	0.9836
59.3	0.8678	0.9903	0.9106	0.9245	0.8193	0.8917	0.9412	0.9779
59.4	0.8554	0.9905	0.8974	0.8909	0.7533	0.8524	0.9224	0.9747
59.5	0.8662	0.9924	0.8722	0.9092	0.7555	0.8732	0.9360	0.9820

59.6	0.8572	0.9917	0.8588	0.9137	0.7326	0.8752	0.9466	0.9836
59.7	0.8378	0.9909	0.7546	0.8563	0.6859	0.8645	0.9395	0.9825
59.8	0.8458	0.9940	0.6975	0.9033	0.7022	0.9027	0.9495	0.9852
59.9	0.8434	0.9909	0.2813	0.5060	0.6098	0.8901	0.9349	0.9812
60.0	0.7967	0.9741	0.0749	0.1534	0.5784	0.8681	0.9118	0.9533
60.1	0.9042	0.9898	0.2828	0.6605	0.6677	0.8931	0.9389	0.9846
60.2	0.8962	0.9925	0.5753	0.8383	0.5603	0.8856	0.9262	0.9852
60.3	0.9069	0.9926	0.7470	0.8697	0.5775	0.9019	0.9364	0.9825
60.4	0.9197	0.9902	0.7665	0.8769	0.5760	0.8841	0.9241	0.9793
60.5	0.9460	0.9938	0.8452	0.9146	0.6133	0.9152	0.9503	0.9896
60.6	0.9404	0.9897	0.8475	0.8982	0.5997	0.8959	0.9340	0.9806
60.7	0.9499	0.9895	0.8532	0.9174	0.5998	0.9207	0.9415	0.9810
60.8	0.9536	0.9879	0.8881	0.9322	0.5197	0.9296	0.9470	0.9826
60.9	0.9526	0.9890	0.8977	0.9197	0.6397	0.9247	0.9433	0.9825
61.0	0.9581	0.9926	0.8977	0.9264	0.7087	0.9427	0.9543	0.9880
61.1	0.9408	0.9884	0.8923	0.9229	0.6246	0.9388	0.9488	0.9866
61.2	0.9452	0.9909	0.8905	0.9326	0.7237	0.9313	0.9446	0.9857
61.3	0.9370	0.9899	0.8899	0.9357	0.7584	0.9441	0.9515	0.9858
61.4	0.9141	0.9873	0.8150	0.8742	0.6838	0.8962	0.9100	0.9771
61.5	0.9391	0.9910	0.8453	0.9096	0.7914	0.9208	0.9298	0.9832
61.6	0.9378	0.9917	0.8594	0.9174	0.8191	0.9412	0.9415	0.9850
61.7	0.9314	0.9871	0.8076	0.9083	0.7292	0.9345	0.9264	0.9859
61.8	0.9099	0.9783	0.7977	0.8462	0.6696	0.9072	0.9113	0.9756
61.9	0.9228	0.9806	0.7756	0.8430	0.6960	0.9184	0.9160	0.9793
62.0	0.9401	0.9889	0.7094	0.8759	0.7690	0.9377	0.9251	0.9877
62.1	0.9397	0.9886	0.7331	0.8775	0.7741	0.9269	0.9232	0.9867
62.2	0.9303	0.9891	0.7839	0.8993	0.8196	0.9473	0.9407	0.9872
62.3	0.9195	0.9853	0.6421	0.8753	0.7641	0.9267	0.9100	0.9837
62.4	0.9271	0.9805	0.6495	0.8679	0.7447	0.9254	0.9184	0.9849
62.5	0.9302	0.9830	0.7205	0.8914	0.8106	0.9408	0.9390	0.9865
62.6	0.9426	0.9889	0.6894	0.8792	0.7847	0.9384	0.9306	0.9896
62.7	0.9421	0.9879	0.6186	0.8675	0.7679	0.9414	0.9276	0.9911
62.8	0.9319	0.9823	0.5599	0.8679	0.7690	0.9366	0.9245	0.9900
62.9	0.9281	0.9808	0.4960	0.8570	0.7804	0.9281	0.9198	0.9895
63.0	0.9224	0.9795	0.4189	0.8606	0.7942	0.9255	0.9133	0.9889
63.1	0.9050	0.9817	0.4841	0.8971	0.7767	0.9387	0.9273	0.9891
63.2	0.8971	0.9800	0.4475	0.9157	0.7460	0.9379	0.9343	0.9866
63.3	0.9233	0.9853	0.4685	0.9360	0.7711	0.9476	0.9447	0.9879
63.4	0.9290	0.9863	0.5038	0.9286	0.8092	0.9572	0.9505	0.9900
63.5	0.9007	0.9802	0.4569	0.9232	0.7534	0.9550	0.9435	0.9879
63.6	0.9085	0.9738	0.4481	0.9337	0.6925	0.9628	0.9479	0.9891
63.7	0.9294	0.9816	0.4958	0.9386	0.7534	0.9638	0.9556	0.9915
63.8	0.8933	0.9814	0.5404	0.9412	0.7564	0.9654	0.9585	0.9901
63.9	0.8502	0.9736	0.4242	0.9211	0.7218	0.9589	0.9395	0.9874
64.0	0.8709	0.9743	0.4492	0.9345	0.6976	0.9595	0.9442	0.9900
64.1	0.8446	0.9737	0.4036	0.9300	0.7011	0.9546	0.9375	0.9877
64.2	0.8360	0.9753	0.4427	0.9378	0.7445	0.9618	0.9476	0.9894
64.3	0.7557	0.9754	0.4518	0.9481	0.7608	0.9631	0.9560	0.9914
64.4	0.7466	0.9703	0.3509	0.9305	0.6709	0.9619	0.9414	0.9895
64.5	0.6827	0.9640	0.4082	0.9300	0.6794	0.9596	0.9367	0.9895
64.6	0.5668	0.9689	0.5153	0.9348	0.7411	0.9546	0.9362	0.9887
64.7	0.5383	0.9743	0.5128	0.9479	0.7566	0.9617	0.9489	0.9915
64.8	0.4896	0.9787	0.4301	0.9580	0.7650	0.9706	0.9583	0.9918
64.9	0.5669	0.9774	0.4956	0.9502	0.8069	0.9733	0.9509	0.9932
65.0	0.5845	0.9750	0.5100	0.9451	0.8248	0.9663	0.9460	0.9917
65.1	0.4811	0.9686	0.4193	0.9383	0.7547	0.9564	0.9425	0.9906
65.2	0.4679	0.9608	0.4109	0.9241	0.6893	0.9519	0.9318	0.9867
65.3	0.5694	0.9720	0.5192	0.9323	0.7858	0.9584	0.9320	0.9867
65.4	0.6871	0.9812	0.6217	0.9446	0.8683	0.9658	0.9374	0.9880
65.5	0.7757	0.9766	0.6986	0.9448	0.8751	0.9609	0.9384	0.9882
65.6	0.8023	0.9760	0.7292	0.9422	0.8863	0.9579	0.9351	0.9878
65.7	0.8076	0.9782	0.7713	0.9376	0.9050	0.9574	0.9311	0.9864
65.8	0.8394	0.9720	0.7747	0.9476	0.8956	0.9402	0.9393	0.9828
65.9	0.8530	0.9733	0.6802	0.9285	0.8805	0.9334	0.9175	0.9793
66.0	0.8493	0.9720	0.6591	0.8921	0.8951	0.9148	0.8740	0.9818
66.1	0.8767	0.9796	0.7699	0.9045	0.9302	0.9314	0.8823	0.9858
66.2	0.8730	0.9790	0.8111	0.9139	0.9403	0.9328	0.8859	0.9856
66.3	0.8577	0.9726	0.7963	0.8860	0.9387	0.8934	0.8487	0.9808
66.4	0.8089	0.9691	0.7354	0.8343	0.9186	0.8932	0.7592	0.9741
66.5	0.8437	0.9722	0.6970	0.8494	0.9169	0.9006	0.7603	0.9759
66.6	0.8646	0.9679	0.6607	0.8570	0.9308	0.8534	0.7845	0.9742
66.7	0.8343	0.9706	0.7028	0.8159	0.9397	0.8465	0.6912	0.9773
66.8	0.7929	0.9717	0.7129	0.7036	0.9379	0.8713	0.5193	0.9778
66.9	0.7759	0.9676	0.5836	0.4720	0.9312	0.8474	0.2695	0.9732
67.0	0.8435	0.9683	0.5158	0.5161	0.9282	0.7993	0.2619	0.9673
67.1	0.8584	0.9768	0.5032	0.5643	0.9379	0.8270	0.2097	0.9721
67.2	0.8492	0.9764	0.4983	0.4832	0.9341	0.8067	0.1047	0.9653
67.3	0.7876	0.9714	0.4580	0.4677	0.9209	0.7104	0.0715	0.9517
67.4	0.7928	0.9761	0.3680	0.3937	0.9276	0.6698	0.0239	0.9587
67.5	0.7922	0.9761	0.3633	0.3130	0.9276	0.6355	0.0137	0.9577
67.6	0.6791	0.9682	0.4902	0.1918	0.9203	0.6666	0.1085	0.9571
67.7	0.7467	0.9804	0.4622	0.2563	0.9334	0.7306	0.2057	0.9650
67.8	0.7692	0.9749	0.2128	0.3507	0.9241	0.6762	0.3547	0.9603
67.9	0.7846	0.9787	0.1422	0.5868	0.9127	0.6681	0.5092	0.9559
68.0	0.7557	0.9806	0.1826	0.4549	0.9032	0.7214	0.4038	0.9512
68.1	0.7434	0.9848	0.0992	0.5108	0.9105	0.6347	0.4188	0.9488

68.2	0.7433	0.9821	0.0960	0.5497	0.9112	0.6466	0.4814	0.9558
68.3	0.7495	0.9726	0.0742	0.6306	0.8948	0.5871	0.5645	0.9439
68.4	0.7520	0.9755	0.0263	0.6849	0.8603	0.5686	0.6021	0.9319
68.5	0.6484	0.9717	0.0264	0.4893	0.7546	0.5177	0.4558	0.8874
68.6	0.6631	0.9684	0.0056	0.5874	0.7628	0.5759	0.5676	0.9027
68.7	0.7141	0.9676	0.0013	0.6379	0.7755	0.5998	0.5734	0.9152
68.8	0.7198	0.9702	0.0103	0.5601	0.7655	0.5651	0.4689	0.9092
68.9	0.7366	0.9742	0.0014	0.5822	0.7471	0.5915	0.4997	0.9195
69.0	0.6660	0.9714	0.0151	0.5358	0.6949	0.5838	0.4374	0.9007
69.1	0.6007	0.9683	0.0030	0.5707	0.5927	0.5725	0.4780	0.8714
69.2	0.7226	0.9717	0.0092	0.6196	0.5693	0.5904	0.5221	0.8846
69.3	0.6325	0.9720	0.0035	0.4990	0.5108	0.5853	0.4298	0.8634
69.4	0.7415	0.9748	0.0726	0.3333	0.3605	0.5536	0.2402	0.8273
69.5	0.7526	0.9781	0.0097	0.3061	0.5004	0.6721	0.1697	0.8698
69.6	0.5764	0.9662	0.0635	0.2265	0.4414	0.6683	0.1417	0.8413
69.7	0.7037	0.9651	0.0935	0.2291	0.1842	0.4324	0.1696	0.7054
69.8	0.7176	0.9693	0.0713	0.2672	0.2426	0.4673	0.2598	0.7330
69.9	0.6500	0.9674	0.0515	0.1183	0.1475	0.4757	0.3521	0.6827
70.0	0.6621	0.9651	0.0182	0.0882	0.1432	0.5450	0.1705	0.7025
70.1	0.6950	0.9657	0.0485	0.0715	0.0977	0.5164	0.2608	0.6617
70.2	0.6656	0.9643	0.0548	0.0784	0.0828	0.5880	0.3402	0.6592
70.3	0.7281	0.9643	0.0493	0.1235	0.0922	0.6306	0.3301	0.6948
70.4	0.6522	0.9537	0.1084	0.0357	0.0054	0.5082	0.2027	0.5137
70.5	0.6830	0.9625	0.2296	0.0337	0.0297	0.5200	0.2670	0.4356
70.6	0.7137	0.9678	0.1638	0.0696	0.0015	0.6060	0.3293	0.5515
70.7	0.7194	0.9604	0.2323	0.1047	0.0353	0.5475	0.3542	0.4141
70.8	0.8266	0.9714	0.4484	0.3140	0.2466	0.4593	0.5563	0.2653
70.9	0.8484	0.9688	0.4248	0.3961	0.1943	0.5487	0.6560	0.3455
71.0	0.8506	0.9747	0.4598	0.4192	0.2327	0.5874	0.6020	0.3761
71.1	0.8319	0.9721	0.4665	0.4973	0.3526	0.3642	0.6485	0.2379
71.2	0.8684	0.9751	0.5256	0.5534	0.4132	0.3581	0.6760	0.1163
71.3	0.8478	0.9775	0.5615	0.6258	0.4291	0.4312	0.6943	0.1340
71.4	0.8302	0.9672	0.5577	0.6543	0.4346	0.3995	0.7200	0.1232
71.5	0.8629	0.9687	0.5983	0.6970	0.4491	0.4841	0.7578	0.0949
71.6	0.8700	0.9757	0.6012	0.7444	0.4985	0.5326	0.8380	0.1691
71.7	0.8822	0.9744	0.6617	0.8257	0.6292	0.4038	0.8706	0.2460
71.8	0.9031	0.9772	0.7280	0.8376	0.6874	0.3948	0.8709	0.3091
71.9	0.8639	0.9793	0.6661	0.8762	0.6156	0.4349	0.8999	0.1980
72.0	0.8699	0.9796	0.7025	0.8725	0.6646	0.4396	0.8892	0.1583
72.1	0.8403	0.9704	0.6752	0.8255	0.6345	0.3296	0.8527	0.1702
72.2	0.8571	0.9719	0.7219	0.8804	0.6991	0.3130	0.8847	0.1975
72.3	0.8895	0.9780	0.8068	0.9106	0.7984	0.3740	0.9172	0.2861
72.4	0.8767	0.9803	0.7889	0.8681	0.7870	0.3904	0.8888	0.3220
72.5	0.8790	0.9794	0.7862	0.8907	0.7706	0.4097	0.9048	0.3909
72.6	0.8647	0.9759	0.7967	0.8906	0.7828	0.4375	0.9177	0.4348
72.7	0.8811	0.9790	0.8109	0.9073	0.8039	0.4821	0.9264	0.4495
72.8	0.8881	0.9830	0.8244	0.9287	0.8238	0.6044	0.9375	0.4558
72.9	0.8982	0.9807	0.8473	0.9295	0.8475	0.5815	0.9465	0.5086
73.0	0.8796	0.9787	0.8172	0.8879	0.8127	0.5667	0.9194	0.4760
73.1	0.8803	0.9803	0.8377	0.8584	0.8445	0.5671	0.8946	0.5156
73.2	0.8730	0.9747	0.8487	0.8898	0.8558	0.5644	0.9189	0.4809
73.3	0.8487	0.9748	0.8320	0.8798	0.8483	0.5447	0.9002	0.4423
73.4	0.8656	0.9753	0.8452	0.8747	0.8687	0.4310	0.8922	0.5532
73.5	0.9092	0.9831	0.8787	0.9101	0.8849	0.6020	0.9207	0.5909
73.6	0.9039	0.9852	0.8859	0.9160	0.9001	0.7051	0.9379	0.6531
73.7	0.8849	0.9849	0.8619	0.8795	0.8902	0.6249	0.9318	0.6361
73.8	0.9190	0.9834	0.8916	0.9051	0.9087	0.6949	0.9381	0.6842
73.9	0.9128	0.9781	0.8858	0.9089	0.9056	0.6433	0.9355	0.6981
74.0	0.8919	0.9750	0.8702	0.8949	0.8964	0.6021	0.9309	0.6672
74.1	0.8687	0.9748	0.8473	0.8916	0.8804	0.7003	0.9305	0.6199
74.2	0.8998	0.9756	0.8902	0.9275	0.9142	0.7154	0.9412	0.6524
74.3	0.9106	0.9756	0.8948	0.9384	0.9218	0.7654	0.9418	0.6972
74.4	0.8833	0.9658	0.8582	0.9151	0.8912	0.7459	0.9165	0.6185
74.5	0.8661	0.9661	0.8268	0.9193	0.8838	0.6889	0.9110	0.5093
74.6	0.8783	0.9608	0.8505	0.9022	0.8975	0.6038	0.8980	0.5534
74.7	0.9120	0.9736	0.9037	0.9428	0.9260	0.7619	0.9374	0.6229
74.8	0.9357	0.9815	0.9237	0.9635	0.9437	0.8409	0.9592	0.6934
74.9	0.9322	0.9746	0.9077	0.9592	0.9371	0.8272	0.9554	0.6925
75.0	0.9078	0.9786	0.8864	0.9580	0.9227	0.8166	0.9525	0.6305
75.1	0.8975	0.9673	0.8794	0.9396	0.9190	0.8181	0.9338	0.6785
75.2	0.9127	0.9550	0.8990	0.9407	0.9299	0.7968	0.9315	0.7255
75.3	0.9440	0.9742	0.9281	0.9667	0.9434	0.8036	0.9608	0.7538
75.4	0.9370	0.9743	0.9301	0.9636	0.9437	0.8319	0.9566	0.7662
75.5	0.9167	0.9638	0.9068	0.9512	0.9215	0.8480	0.9470	0.6935
75.6	0.9015	0.9635	0.8869	0.9365	0.9062	0.7872	0.9309	0.7062
75.7	0.9352	0.9749	0.9270	0.9651	0.9424	0.8762	0.9599	0.7805
75.8	0.9175	0.9764	0.9144	0.9555	0.9342	0.9007	0.9530	0.7698
75.9	0.9046	0.9700	0.8902	0.9583	0.9113	0.8805	0.9537	0.7266
76.0	0.9241	0.9690	0.9089	0.9646	0.9260	0.8724	0.9599	0.7737
76.1	0.9434	0.9734	0.9381	0.9723	0.9431	0.8799	0.9675	0.7923
76.2	0.9388	0.9777	0.9218	0.9739	0.9352	0.9004	0.9718	0.8127
76.3	0.9285	0.9730	0.9160	0.9616	0.9220	0.8729	0.9590	0.8031
76.4	0.9191	0.9585	0.9067	0.9523	0.9034	0.8313	0.9502	0.7443
76.5	0.9343	0.9688	0.9274	0.9655	0.9354	0.8726	0.9586	0.8392
76.6	0.9354	0.9683	0.9477	0.9721	0.9539	0.9106	0.9686	0.8901
76.7	0.9347	0.9586	0.9207	0.9678	0.9258	0.8909	0.9679	0.8346

76.8	0.9377	0.9709	0.9303	0.9727	0.9415	0.8567	0.9686	0.8620
76.9	0.9275	0.9664	0.9353	0.9674	0.9479	0.8614	0.9609	0.8735
77.0	0.9116	0.9614	0.9073	0.9627	0.9203	0.8839	0.9611	0.8301
77.1	0.9093	0.9598	0.9004	0.9655	0.9097	0.8464	0.9613	0.8190
77.2	0.9138	0.9641	0.9389	0.9653	0.9424	0.8472	0.9543	0.8812
77.3	0.9391	0.9595	0.9403	0.9724	0.9470	0.8972	0.9675	0.8959
77.4	0.9483	0.9609	0.9496	0.9729	0.9505	0.8729	0.9638	0.9062
77.5	0.9324	0.9674	0.9571	0.9701	0.9595	0.8729	0.9572	0.9218
77.6	0.9236	0.9599	0.9442	0.9664	0.9524	0.8912	0.9567	0.9108
77.7	0.9122	0.9647	0.9417	0.9712	0.9555	0.9045	0.9624	0.9189
77.8	0.9200	0.9676	0.9497	0.9747	0.9579	0.9027	0.9649	0.9277
77.9	0.9253	0.9572	0.9433	0.9657	0.9474	0.8556	0.9536	0.9128
78.0	0.9185	0.9515	0.9382	0.9611	0.9422	0.7991	0.9398	0.9056
78.1	0.8941	0.9480	0.9360	0.9636	0.9417	0.8073	0.9479	0.9088
78.2	0.8510	0.9373	0.9141	0.9510	0.9238	0.7871	0.9311	0.8755
78.3	0.9000	0.9493	0.9462	0.9640	0.9541	0.8402	0.9408	0.9235
78.4	0.9194	0.9596	0.9584	0.9713	0.9611	0.8483	0.9523	0.9372
78.5	0.9215	0.9633	0.9456	0.9658	0.9477	0.8026	0.9515	0.9224
78.6	0.8914	0.9638	0.9387	0.9646	0.9478	0.7484	0.9447	0.9185
78.7	0.9308	0.9624	0.9575	0.9675	0.9562	0.7356	0.9486	0.9281
78.8	0.9279	0.9404	0.9559	0.9684	0.9452	0.6675	0.9547	0.9191
78.9	0.9449	0.9538	0.9562	0.9677	0.9575	0.7395	0.9518	0.9319
79.0	0.9102	0.9392	0.9352	0.9553	0.9321	0.6503	0.9348	0.8881
79.1	0.8799	0.9320	0.9377	0.9520	0.9309	0.5360	0.9378	0.8991
79.2	0.8919	0.9395	0.9541	0.9669	0.9450	0.3885	0.9515	0.9099
79.3	0.8792	0.9282	0.9460	0.9661	0.9346	0.0863	0.9483	0.8928
79.4	0.8864	0.9388	0.9531	0.9727	0.9413	0.0541	0.9627	0.8974
79.5	0.8882	0.9457	0.9477	0.9746	0.9227	0.1523	0.9699	0.8655
79.6	0.8700	0.9301	0.9373	0.9669	0.9183	0.1727	0.9567	0.8710
79.7	0.8648	0.9225	0.9420	0.9658	0.9241	0.1187	0.9646	0.8603
79.8	0.8673	0.9323	0.9492	0.9752	0.9133	0.3903	0.9744	0.8349
79.9	0.8283	0.9031	0.9397	0.9745	0.8969	0.5499	0.9714	0.8097
80.0	0.8185	0.9123	0.9379	0.9736	0.9107	0.4073	0.9712	0.8455

2.2.9 Run 1 – IP000-200 – Accels 17–24

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.3281	0.1189	0.6539	0.6896	0.7366	0.2510	0.8782	0.9729
0.1	0.0010	0.0225	0.0004	0.0237	0.0104	0.0266	0.0030	0.0294
0.2	0.0288	0.0318	0.0141	0.0031	0.0126	0.0024	0.0051	0.0012
0.3	0.0052	0.0061	0.0175	0.0323	0.0448	0.0166	0.0073	0.0786
0.4	0.0068	0.0169	0.0143	0.0175	0.0320	0.0199	0.0023	0.0036
0.5	0.0076	0.0266	0.0074	0.0164	0.0120	0.0040	0.0367	0.0055
0.6	0.0101	0.0018	0.0074	0.0077	0.0199	0.0209	0.0127	0.0281
0.7	0.0228	0.0006	0.0419	0.0676	0.0121	0.0345	0.0197	0.0143
0.8	0.0438	0.0006	0.0196	0.0038	0.0273	0.0033	0.0646	0.0144
0.9	0.0674	0.0071	0.0047	0.0987	0.0809	0.0516	0.3040	0.0019
1.0	0.1286	0.0379	0.0128	0.0261	0.1058	0.0089	0.1989	0.2036
1.1	0.5961	0.0953	0.1198	0.1881	0.3793	0.0086	0.6443	0.3181
1.2	0.7070	0.1997	0.0735	0.2907	0.4012	0.0906	0.7668	0.4823
1.3	0.7046	0.0685	0.0475	0.2295	0.4514	0.0010	0.8701	0.3813
1.4	0.8626	0.2491	0.0301	0.5663	0.4518	0.0325	0.9485	0.4387
1.5	0.8421	0.7867	0.5623	0.5856	0.7792	0.1759	0.9658	0.7818
1.6	0.9807	0.5450	0.4502	0.9722	0.7909	0.3176	0.9727	0.7957
1.7	0.9948	0.3911	0.2045	0.9826	0.6522	0.5534	0.9961	0.6451
1.8	0.9991	0.8830	0.4875	0.9963	0.8707	0.8890	0.9992	0.8806
1.9	0.9994	0.9344	0.8583	0.9983	0.8511	0.9598	0.9994	0.8864
2.0	0.9995	0.9507	0.9128	0.9987	0.9156	0.9742	0.9996	0.9305
2.1	0.9965	0.8647	0.8671	0.9950	0.8765	0.9537	0.9965	0.8859
2.2	0.9596	0.6586	0.7457	0.9574	0.5288	0.8705	0.9563	0.7804
2.3	0.7299	0.6308	0.7953	0.7328	0.0928	0.6811	0.7383	0.8168
2.4	0.9819	0.5565	0.8543	0.9817	0.8402	0.8397	0.9824	0.8950
2.5	0.9960	0.2269	0.8335	0.9950	0.9397	0.8541	0.9963	0.9121
2.6	0.9984	0.2227	0.8312	0.9975	0.9662	0.8551	0.9984	0.9050
2.7	0.9994	0.5781	0.8122	0.9976	0.9855	0.8675	0.9994	0.8996
2.8	0.9997	0.8190	0.7422	0.9982	0.9916	0.8145	0.9997	0.8824
2.9	0.9997	0.8303	0.5126	0.9992	0.9937	0.6971	0.9997	0.8536
3.0	0.9997	0.9132	0.2939	0.9994	0.9941	0.3577	0.9998	0.8328
3.1	0.9998	0.9022	0.0108	0.9993	0.9954	0.4108	0.9998	0.7108
3.2	0.9997	0.9271	0.1890	0.9996	0.9946	0.7112	0.9998	0.4796
3.3	0.9997	0.8994	0.4250	0.9995	0.9913	0.7872	0.9997	0.2976
3.4	0.9995	0.8725	0.6048	0.9991	0.9873	0.8245	0.9996	0.0529
3.5	0.9994	0.8559	0.6014	0.9974	0.9813	0.8586	0.9995	0.0063
3.6	0.9993	0.8572	0.6263	0.9971	0.9832	0.8800	0.9994	0.0607
3.7	0.9990	0.7927	0.6020	0.9949	0.9745	0.9061	0.9991	0.1080
3.8	0.9991	0.8380	0.6999	0.9976	0.9787	0.9326	0.9990	0.1614
3.9	0.9991	0.8035	0.7602	0.9978	0.9677	0.9434	0.9988	0.2022
4.0	0.9987	0.7304	0.6999	0.9961	0.9656	0.9465	0.9986	0.1628
4.1	0.9985	0.7618	0.7022	0.9969	0.9456	0.9482	0.9982	0.0720
4.2	0.9984	0.8113	0.7627	0.9965	0.9538	0.9584	0.9983	0.2831
4.3	0.9978	0.7219	0.7854	0.9964	0.9526	0.9596	0.9978	0.1500
4.4	0.9973	0.6947	0.8180	0.9944	0.9489	0.9549	0.9971	0.1509
4.5	0.9982	0.8088	0.8230	0.9960	0.9667	0.9683	0.9984	0.4620
4.6	0.9980	0.8067	0.8395	0.9948	0.9459	0.9706	0.9978	0.4595
4.7	0.9979	0.7866	0.8609	0.9953	0.9389	0.9708	0.9976	0.3495
4.8	0.9972	0.7580	0.8616	0.9934	0.9333	0.9679	0.9964	0.2783
4.9	0.9970	0.6601	0.8622	0.9910	0.9248	0.9688	0.9968	0.2703
5.0	0.9969	0.6925	0.8822	0.9945	0.9197	0.9747	0.9957	0.2681
5.1	0.9969	0.7534	0.8747	0.9889	0.9275	0.9811	0.9956	0.3604
5.2	0.9962	0.7726	0.9174	0.9906	0.9334	0.9830	0.9952	0.3796
5.3	0.9963	0.7529	0.9059	0.9928	0.9352	0.9841	0.9954	0.4090
5.4	0.9958	0.8232	0.9106	0.9937	0.9333	0.9864	0.9946	0.4486
5.5	0.9963	0.8210	0.9124	0.9920	0.9488	0.9895	0.9948	0.5174
5.6	0.9968	0.8137	0.9177	0.9927	0.9462	0.9892	0.9945	0.4456
5.7	0.9970	0.8248	0.9468	0.9910	0.9504	0.9924	0.9953	0.2817
5.8	0.9960	0.8772	0.9326	0.9906	0.9606	0.9923	0.9945	0.4824
5.9	0.9959	0.7884	0.9262	0.9907	0.9305	0.9925	0.9935	0.5370
6.0	0.9950	0.8696	0.9436	0.9889	0.9292	0.9880	0.9913	0.6008
6.1	0.9948	0.9052	0.9416	0.9894	0.9331	0.9894	0.9916	0.6722
6.2	0.9953	0.8903	0.9524	0.9923	0.9511	0.9904	0.9931	0.6754
6.3	0.9960	0.9372	0.9667	0.9890	0.9519	0.9937	0.9929	0.7917
6.4	0.9963	0.9172	0.9640	0.9877	0.9561	0.9932	0.9930	0.7219
6.5	0.9953	0.9025	0.9510	0.9894	0.9392	0.9915	0.9929	0.5531
6.6	0.9963	0.9334	0.9693	0.9928	0.9562	0.9947	0.9932	0.6928
6.7	0.9964	0.9363	0.9669	0.9873	0.9445	0.9928	0.9935	0.6262
6.8	0.9967	0.9540	0.9773	0.9875	0.9686	0.9955	0.9943	0.6583
6.9	0.9980	0.9724	0.9837	0.9944	0.9704	0.9966	0.9962	0.8009
7.0	0.9972	0.9731	0.9815	0.9946	0.9672	0.9963	0.9954	0.7709
7.1	0.9973	0.9829	0.9821	0.9940	0.9562	0.9960	0.9956	0.7280
7.2	0.9971	0.9829	0.9758	0.9934	0.9596	0.9969	0.9956	0.8376
7.3	0.9945	0.9767	0.9569	0.9906	0.9422	0.9970	0.9947	0.8530
7.4	0.9906	0.9762	0.8699	0.9862	0.8916	0.9968	0.9891	0.5412
7.5	0.9613	0.8737	0.7095	0.9593	0.8122	0.9963	0.9817	0.0210
7.6	0.9677	0.7729	0.8712	0.9556	0.8741	0.9959	0.9819	0.1260
7.7	0.9850	0.6729	0.8809	0.9794	0.8446	0.9968	0.9889	0.1289
7.8	0.9912	0.6238	0.8996	0.9863	0.8794	0.9975	0.9923	0.1170
7.9	0.9908	0.7269	0.9300	0.9768	0.8640	0.9963	0.9925	0.1102

8.0	0.9907	0.7135	0.9250	0.9837	0.8643	0.9965	0.9918	0.2441
8.1	0.9896	0.3738	0.8716	0.9851	0.7924	0.9957	0.9905	0.0802
8.2	0.9927	0.4291	0.9193	0.9850	0.8764	0.9963	0.9932	0.0624
8.3	0.9952	0.2897	0.9231	0.9897	0.8608	0.9976	0.9946	0.1396
8.4	0.9947	0.1929	0.9184	0.9877	0.8105	0.9968	0.9939	0.1625
8.5	0.9969	0.0776	0.9384	0.9884	0.8504	0.9974	0.9949	0.2109
8.6	0.9960	0.0838	0.9351	0.9848	0.8135	0.9970	0.9949	0.2842
8.7	0.9974	0.0708	0.9556	0.9934	0.8394	0.9981	0.9958	0.2977
8.8	0.9979	0.4370	0.9511	0.9959	0.8528	0.9983	0.9971	0.4213
8.9	0.9975	0.5091	0.9503	0.9958	0.7874	0.9978	0.9961	0.3547
9.0	0.9968	0.4820	0.9520	0.9954	0.7827	0.9967	0.9964	0.5624
9.1	0.9952	0.4180	0.9484	0.9922	0.8766	0.9958	0.9942	0.6831
9.2	0.9956	0.7828	0.9571	0.9913	0.9146	0.9958	0.9945	0.7914
9.3	0.9969	0.9175	0.9647	0.9936	0.9507	0.9971	0.9958	0.8816
9.4	0.9973	0.9430	0.9700	0.9916	0.9598	0.9978	0.9953	0.9148
9.5	0.9977	0.9378	0.9527	0.9897	0.9493	0.9984	0.9946	0.8824
9.6	0.9960	0.9215	0.8977	0.9730	0.9052	0.9981	0.9803	0.8448
9.7	0.9967	0.9406	0.9082	0.9728	0.9264	0.9988	0.9756	0.8934
9.8	0.9960	0.9495	0.8468	0.9664	0.9147	0.9983	0.9677	0.8948
9.9	0.9943	0.9248	0.7072	0.9185	0.8807	0.9986	0.9626	0.8499
10.0	0.9932	0.9036	0.6991	0.8216	0.7881	0.9988	0.9696	0.8253
10.1	0.9924	0.9123	0.5477	0.9046	0.7349	0.9983	0.9786	0.8219
10.2	0.9894	0.9122	0.4320	0.9247	0.7453	0.9985	0.9785	0.7934
10.3	0.9857	0.9196	0.4267	0.9254	0.7724	0.9986	0.9829	0.8229
10.4	0.9860	0.9411	0.6406	0.9628	0.7554	0.9990	0.9851	0.8185
10.5	0.9773	0.9146	0.6353	0.9760	0.5860	0.9987	0.9875	0.7904
10.6	0.9546	0.9058	0.6815	0.9438	0.5344	0.9974	0.9846	0.7601
10.7	0.9646	0.9300	0.7340	0.9785	0.4928	0.9984	0.9871	0.8528
10.8	0.9517	0.9114	0.6985	0.9762	0.4387	0.9984	0.9900	0.8000
10.9	0.9386	0.9046	0.6007	0.9832	0.3898	0.9973	0.9903	0.7908
11.0	0.9001	0.9113	0.5455	0.9670	0.2540	0.9979	0.9884	0.7778
11.1	0.8660	0.9287	0.7416	0.9848	0.3766	0.9980	0.9932	0.8271
11.2	0.8531	0.9354	0.8210	0.9803	0.4972	0.9982	0.9930	0.8205
11.3	0.8078	0.9196	0.8644	0.9845	0.7342	0.9973	0.9931	0.8191
11.4	0.7479	0.9159	0.8693	0.9860	0.8035	0.9979	0.9938	0.8169
11.5	0.6517	0.8654	0.8621	0.9796	0.8552	0.9973	0.9941	0.7660
11.6	0.4857	0.8410	0.8160	0.9581	0.9189	0.9967	0.9923	0.7396
11.7	0.6320	0.7485	0.8402	0.9692	0.9081	0.9952	0.9920	0.6849
11.8	0.8039	0.7732	0.8253	0.9874	0.9246	0.9961	0.9938	0.6841
11.9	0.7984	0.7845	0.7915	0.9896	0.9191	0.9947	0.9916	0.5778
12.0	0.8468	0.6121	0.7855	0.9853	0.9213	0.9937	0.9895	0.5251
12.1	0.9186	0.6943	0.7962	0.9878	0.9200	0.9940	0.9918	0.6154
12.2	0.9078	0.5903	0.7530	0.9553	0.9217	0.9903	0.9872	0.6670
12.3	0.9154	0.3668	0.7612	0.9585	0.9061	0.9891	0.9853	0.7109
12.4	0.9440	0.3952	0.8019	0.9794	0.9195	0.9868	0.9855	0.8121
12.5	0.9612	0.2772	0.8272	0.9847	0.9288	0.9867	0.9870	0.7954
12.6	0.9654	0.3394	0.8695	0.9803	0.9345	0.9865	0.9869	0.8680
12.7	0.9611	0.5564	0.8785	0.9800	0.9303	0.9823	0.9830	0.8728
12.8	0.9268	0.5607	0.8261	0.9626	0.8846	0.9654	0.9631	0.8205
12.9	0.8402	0.6229	0.7808	0.9224	0.8296	0.9358	0.9306	0.7665
13.0	0.8524	0.8103	0.8681	0.9255	0.8740	0.9326	0.9286	0.8496
13.1	0.7959	0.8700	0.8975	0.9091	0.8869	0.9274	0.9209	0.8729
13.2	0.7369	0.9279	0.9433	0.9272	0.9284	0.9451	0.9368	0.9210
13.3	0.4801	0.9600	0.9669	0.9451	0.9537	0.9589	0.9500	0.9519
13.4	0.0535	0.9758	0.9780	0.9496	0.9699	0.9665	0.9545	0.9707
13.5	0.7628	0.9805	0.9834	0.9632	0.9759	0.9738	0.9581	0.9760
13.6	0.9268	0.9830	0.9842	0.9682	0.9756	0.9755	0.9531	0.9775
13.7	0.9401	0.9801	0.9833	0.9759	0.9693	0.9758	0.9533	0.9707
13.8	0.9518	0.9840	0.9876	0.9784	0.9774	0.9806	0.9641	0.9767
13.9	0.9511	0.9809	0.9857	0.9799	0.9733	0.9824	0.9651	0.9718
14.0	0.9483	0.9860	0.9894	0.9801	0.9791	0.9854	0.9683	0.9781
14.1	0.9451	0.9903	0.9929	0.9813	0.9855	0.9876	0.9739	0.9842
14.2	0.9282	0.9927	0.9945	0.9818	0.9889	0.9872	0.9670	0.9890
14.3	0.8419	0.9929	0.9939	0.9601	0.9883	0.9797	0.9336	0.9887
14.4	0.7246	0.9902	0.9918	0.9393	0.9803	0.9687	0.8752	0.9819
14.5	0.6025	0.9918	0.9936	0.9189	0.9847	0.9692	0.8326	0.9853
14.6	0.2330	0.9887	0.9907	0.8532	0.9774	0.9525	0.6945	0.9795
14.7	0.0382	0.9861	0.9880	0.7447	0.9717	0.9417	0.4452	0.9744
14.8	0.1616	0.9827	0.9889	0.6734	0.9727	0.9472	0.4727	0.9747
14.9	0.4860	0.9791	0.9878	0.5745	0.9714	0.9353	0.4463	0.9735
15.0	0.6249	0.9774	0.9887	0.5402	0.9722	0.9174	0.4990	0.9745
15.1	0.7231	0.9796	0.9882	0.4529	0.9748	0.9027	0.5103	0.9764
15.2	0.7640	0.9761	0.9874	0.3823	0.9763	0.8866	0.6317	0.9765
15.3	0.7962	0.9673	0.9775	0.4256	0.9594	0.6965	0.6702	0.9617
15.4	0.7999	0.9624	0.9764	0.5389	0.9544	0.6758	0.7087	0.9569
15.5	0.8556	0.9711	0.9790	0.6619	0.9605	0.5764	0.8182	0.9641
15.6	0.9084	0.9715	0.9821	0.7918	0.9653	0.4041	0.8650	0.9679
15.7	0.9053	0.9725	0.9824	0.7790	0.9668	0.0783	0.8807	0.9692
15.8	0.8901	0.9636	0.9732	0.7944	0.9517	0.0399	0.8786	0.9540
15.9	0.8847	0.9558	0.9703	0.7960	0.9469	0.1670	0.8828	0.9443
16.0	0.8811	0.9626	0.9692	0.8395	0.9515	0.3598	0.8821	0.9465
16.1	0.8987	0.9531	0.9649	0.8529	0.9406	0.5241	0.8853	0.9405
16.2	0.9195	0.9527	0.9614	0.8775	0.9410	0.6428	0.9049	0.9377
16.3	0.9080	0.9501	0.9628	0.8742	0.9450	0.7009	0.8972	0.9456
16.4	0.9137	0.9545	0.9653	0.9031	0.9567	0.7911	0.9176	0.9539
16.5	0.9319	0.9512	0.9637	0.9121	0.9590	0.8565	0.9341	0.9556

16.6	0.9185	0.9346	0.9498	0.8947	0.9349	0.8265	0.9093	0.9377
16.7	0.9312	0.9448	0.9558	0.9152	0.9502	0.8809	0.9278	0.9448
16.8	0.9046	0.9187	0.9292	0.8913	0.9254	0.8453	0.8993	0.9144
16.9	0.8370	0.8477	0.8714	0.8129	0.8640	0.7349	0.8250	0.8623
17.0	0.8362	0.8548	0.8637	0.8270	0.8610	0.7597	0.8340	0.8621
17.1	0.8297	0.8183	0.8344	0.8153	0.8358	0.7593	0.8225	0.8242
17.2	0.7998	0.7726	0.8004	0.7803	0.7993	0.7507	0.7905	0.7855
17.3	0.8363	0.8113	0.8279	0.8231	0.8298	0.8055	0.8322	0.8165
17.4	0.8254	0.8102	0.8254	0.8267	0.8250	0.8083	0.8293	0.8189
17.5	0.8406	0.8293	0.8348	0.8394	0.8375	0.8351	0.8455	0.8306
17.6	0.8997	0.8814	0.8918	0.9039	0.8936	0.9026	0.9035	0.8787
17.7	0.9205	0.9051	0.9087	0.9213	0.9115	0.9238	0.9226	0.8992
17.8	0.9144	0.9035	0.9018	0.9188	0.9082	0.9262	0.9203	0.8895
17.9	0.9348	0.9164	0.9150	0.9329	0.9154	0.9381	0.9347	0.8936
18.0	0.9390	0.9308	0.9290	0.9420	0.9289	0.9443	0.9420	0.9079
18.1	0.9506	0.9387	0.9392	0.9518	0.9419	0.9560	0.9533	0.9162
18.2	0.9581	0.9503	0.9464	0.9614	0.9481	0.9609	0.9616	0.9022
18.3	0.9605	0.9492	0.9482	0.9640	0.9450	0.9611	0.9628	0.8770
18.4	0.9712	0.9650	0.9621	0.9717	0.9594	0.9726	0.9721	0.8874
18.5	0.9703	0.9605	0.9619	0.9728	0.9621	0.9672	0.9732	0.8777
18.6	0.9682	0.9649	0.9576	0.9707	0.9534	0.9541	0.9714	0.8910
18.7	0.9615	0.9497	0.9469	0.9662	0.9436	0.9568	0.9642	0.8813
18.8	0.9640	0.9491	0.9491	0.9687	0.9461	0.9641	0.9687	0.8335
18.9	0.9594	0.9418	0.9443	0.9611	0.9341	0.9581	0.9610	0.7869
19.0	0.9653	0.9592	0.9582	0.9644	0.9552	0.9732	0.9684	0.8631
19.1	0.9592	0.9469	0.9514	0.9626	0.9495	0.9703	0.9646	0.8907
19.2	0.9697	0.9732	0.9661	0.9754	0.9645	0.9749	0.9745	0.9003
19.3	0.9688	0.9581	0.9608	0.9704	0.9626	0.9817	0.9749	0.9101
19.4	0.9612	0.9466	0.9541	0.9688	0.9516	0.9735	0.9685	0.9055
19.5	0.9457	0.9532	0.9547	0.9479	0.9602	0.9738	0.9624	0.9078
19.6	0.9480	0.9504	0.9519	0.9483	0.9562	0.9667	0.9634	0.9107
19.7	0.9416	0.9493	0.9553	0.9517	0.9578	0.9630	0.9580	0.9055
19.8	0.9467	0.9470	0.9601	0.9444	0.9630	0.9712	0.9623	0.8842
19.9	0.9341	0.9472	0.9566	0.9234	0.9537	0.9636	0.9546	0.8816
20.0	0.8990	0.9322	0.9484	0.8720	0.9499	0.9508	0.9388	0.8986
20.1	0.9129	0.9529	0.9585	0.8549	0.9615	0.9596	0.9404	0.8843
20.2	0.9225	0.9537	0.9654	0.8670	0.9666	0.9652	0.9459	0.8606
20.3	0.8662	0.9182	0.9517	0.7373	0.9305	0.9473	0.9069	0.7963
20.4	0.8457	0.9391	0.9493	0.7397	0.9446	0.9453	0.8888	0.7920
20.5	0.8218	0.9354	0.9443	0.7117	0.9385	0.9412	0.8665	0.7602
20.6	0.8722	0.9429	0.9553	0.7299	0.9537	0.9453	0.8833	0.8339
20.7	0.8628	0.9458	0.9654	0.7098	0.9620	0.9636	0.9040	0.8102
20.8	0.8602	0.9447	0.9603	0.6524	0.9569	0.9625	0.8939	0.7398
20.9	0.8462	0.9450	0.9529	0.7380	0.9516	0.9406	0.8699	0.7490
21.0	0.8169	0.9230	0.9313	0.7492	0.9336	0.9227	0.8317	0.7095
21.1	0.7856	0.9154	0.9400	0.7436	0.9349	0.9206	0.8369	0.6401
21.2	0.8016	0.9135	0.9321	0.7522	0.9302	0.9247	0.8292	0.7184
21.3	0.7702	0.9443	0.9562	0.8240	0.9397	0.9441	0.8220	0.7524
21.4	0.7313	0.8920	0.9336	0.7972	0.9118	0.9134	0.8052	0.6779
21.5	0.7837	0.8983	0.9231	0.7744	0.9138	0.9168	0.8282	0.7614
21.6	0.7605	0.9317	0.9585	0.8496	0.9340	0.9488	0.8332	0.8613
21.7	0.7231	0.9087	0.9583	0.8887	0.9110	0.9412	0.8383	0.8664
21.8	0.5749	0.8608	0.9350	0.8221	0.8662	0.9344	0.7644	0.8108
21.9	0.6012	0.8837	0.9411	0.8153	0.8807	0.9465	0.7888	0.8226
22.0	0.3870	0.8404	0.9377	0.8075	0.8008	0.9155	0.7350	0.8308
22.1	0.2935	0.8186	0.9122	0.7383	0.7477	0.8945	0.6540	0.8195
22.2	0.2807	0.8497	0.9301	0.8280	0.8207	0.9017	0.7933	0.8602
22.3	0.1565	0.8518	0.9441	0.8388	0.8016	0.8614	0.7627	0.8909
22.4	0.0302	0.7055	0.9410	0.7466	0.7806	0.7435	0.6569	0.8878
22.5	0.0229	0.4699	0.9298	0.7413	0.6590	0.4369	0.6351	0.8215
22.6	0.0069	0.7779	0.9270	0.7536	0.6146	0.7153	0.6459	0.8329
22.7	0.0102	0.8245	0.9317	0.7094	0.6542	0.8396	0.5569	0.8330
22.8	0.0942	0.7760	0.9162	0.6861	0.6649	0.8147	0.6255	0.8056
22.9	0.1195	0.7466	0.9418	0.6087	0.6380	0.7786	0.5101	0.7764
23.0	0.0794	0.7538	0.9136	0.5986	0.6219	0.7125	0.4138	0.6764
23.1	0.1076	0.7309	0.8935	0.5305	0.5709	0.6590	0.3040	0.5471
23.2	0.1029	0.7721	0.9343	0.5979	0.6187	0.7235	0.2729	0.5184
23.3	0.1010	0.7212	0.9211	0.5625	0.7126	0.7695	0.1507	0.5636
23.4	0.0392	0.7432	0.9195	0.5622	0.6514	0.7631	0.2912	0.5646
23.5	0.1010	0.8064	0.9239	0.4829	0.6532	0.7196	0.2441	0.4180
23.6	0.1572	0.8320	0.9448	0.6089	0.6959	0.7457	0.1304	0.3643
23.7	0.2502	0.8082	0.9333	0.5255	0.6743	0.7400	0.1581	0.3592
23.8	0.2117	0.7594	0.9268	0.3738	0.6211	0.6961	0.0809	0.2432
23.9	0.0493	0.7327	0.9395	0.2059	0.5538	0.5984	0.0346	0.1839
24.0	0.2252	0.7263	0.9522	0.1089	0.6676	0.5823	0.0759	0.1958
24.1	0.4094	0.7549	0.9527	0.0887	0.6638	0.6169	0.2846	0.1531
24.2	0.4313	0.7461	0.9400	0.1459	0.6219	0.6985	0.3594	0.0805
24.3	0.4687	0.6869	0.9245	0.0911	0.6562	0.5314	0.4190	0.0097
24.4	0.4905	0.7451	0.9349	0.0363	0.6975	0.6306	0.5484	0.0874
24.5	0.6349	0.8028	0.9533	0.1810	0.7845	0.7755	0.6641	0.0854
24.6	0.6782	0.7872	0.9525	0.2723	0.7429	0.7285	0.6674	0.0499
24.7	0.6256	0.6776	0.9406	0.2298	0.6464	0.6285	0.6957	0.0003
24.8	0.6619	0.6432	0.9332	0.2928	0.6654	0.7542	0.7004	0.0477
24.9	0.7360	0.6979	0.9120	0.4330	0.7126	0.6711	0.7798	0.1885
25.0	0.7452	0.5885	0.9190	0.4194	0.6665	0.5821	0.7248	0.1058
25.1	0.7605	0.5558	0.8937	0.5882	0.6983	0.5583	0.7662	0.1066

25.2	0.8359	0.5401	0.8646	0.6357	0.5830	0.4589	0.8546	0.0742
25.3	0.8621	0.5327	0.8592	0.5492	0.6332	0.3810	0.8171	0.0708
25.4	0.8494	0.5704	0.8822	0.5610	0.5964	0.5244	0.8136	0.1673
25.5	0.8562	0.5982	0.8704	0.7159	0.5896	0.4613	0.8537	0.0868
25.6	0.8520	0.5229	0.8463	0.6979	0.5380	0.2945	0.8646	0.0785
25.7	0.8473	0.4830	0.8582	0.7528	0.5663	0.1976	0.8506	0.1812
25.8	0.9110	0.5752	0.8345	0.7884	0.5925	0.3152	0.8809	0.2597
25.9	0.9010	0.6011	0.8218	0.7935	0.6298	0.3996	0.8998	0.2218
26.0	0.9045	0.4094	0.7633	0.7308	0.5802	0.3257	0.8660	0.1176
26.1	0.9034	0.4402	0.6884	0.8012	0.5343	0.2174	0.8578	0.0791
26.2	0.9071	0.4509	0.6632	0.8438	0.5663	0.3756	0.8756	0.1024
26.3	0.9016	0.4760	0.7116	0.8307	0.6556	0.4168	0.8870	0.2153
26.4	0.9237	0.4359	0.6612	0.8939	0.7209	0.3532	0.8831	0.4364
26.5	0.9345	0.4302	0.5013	0.7967	0.6013	0.2150	0.8838	0.2908
26.6	0.9221	0.4529	0.5329	0.8396	0.6395	0.2176	0.8885	0.4103
26.7	0.9388	0.3412	0.4756	0.8630	0.5877	0.2494	0.9009	0.3853
26.8	0.9259	0.1772	0.3648	0.8303	0.4721	0.1972	0.8904	0.2942
26.9	0.9358	0.3274	0.4872	0.8597	0.5252	0.2961	0.9171	0.4016
27.0	0.9574	0.4673	0.5300	0.9309	0.5657	0.3277	0.9354	0.4325
27.1	0.9423	0.4024	0.5044	0.8463	0.4278	0.3446	0.9194	0.4239
27.2	0.9275	0.2757	0.3255	0.8862	0.2995	0.1602	0.9169	0.2884
27.3	0.9412	0.2314	0.2699	0.8607	0.3085	0.1840	0.9182	0.2119
27.4	0.9415	0.3711	0.3820	0.9021	0.4559	0.2762	0.9304	0.3943
27.5	0.9275	0.2649	0.3848	0.8944	0.4229	0.2232	0.9108	0.3972
27.6	0.9162	0.2297	0.2863	0.8811	0.2323	0.1839	0.9146	0.2428
27.7	0.9271	0.2509	0.2409	0.8986	0.0758	0.0744	0.9186	0.2144
27.8	0.9410	0.2634	0.2481	0.9072	0.0164	0.0272	0.9289	0.1755
27.9	0.9558	0.2794	0.3511	0.8891	0.0859	0.0928	0.9414	0.2774
28.0	0.9599	0.2480	0.2435	0.8590	0.1027	0.0350	0.9350	0.1792
28.1	0.9465	0.1434	0.1602	0.9102	0.0956	0.0484	0.9333	0.1416
28.2	0.9520	0.2750	0.3762	0.8948	0.3865	0.0591	0.9495	0.2797
28.3	0.9659	0.3152	0.3975	0.9449	0.3634	0.0249	0.9573	0.2459
28.4	0.9586	0.2376	0.2947	0.8867	0.3495	0.0057	0.9499	0.1519
28.5	0.9486	0.2735	0.1757	0.8049	0.1761	0.1589	0.9323	0.0866
28.6	0.9616	0.2971	0.2259	0.9179	0.3031	0.1482	0.9427	0.1052
28.7	0.9745	0.4238	0.2693	0.9513	0.4153	0.3372	0.9607	0.0870
28.8	0.9794	0.5273	0.3388	0.9708	0.5226	0.3915	0.9653	0.1307
28.9	0.9786	0.4030	0.3492	0.9761	0.3848	0.3698	0.9720	0.0267
29.0	0.9847	0.4576	0.3636	0.9811	0.4499	0.5072	0.9746	0.0343
29.1	0.9806	0.4215	0.4276	0.9736	0.4713	0.4813	0.9679	0.1217
29.2	0.9807	0.3350	0.2987	0.9320	0.3142	0.3973	0.9613	0.0573
29.3	0.9765	0.3839	0.3760	0.9370	0.4755	0.3828	0.9636	0.0513
29.4	0.9715	0.3404	0.2547	0.9689	0.2822	0.5328	0.9606	0.0358
29.5	0.9739	0.2919	0.1409	0.9817	0.1873	0.6107	0.9551	0.0071
29.6	0.9726	0.2657	0.1095	0.9459	0.2873	0.5637	0.9499	0.0225
29.7	0.9636	0.3341	0.1754	0.9238	0.1226	0.5239	0.9488	0.0814
29.8	0.9671	0.2546	0.2688	0.9733	0.1949	0.6382	0.9554	0.0273
29.9	0.9424	0.0609	0.0997	0.9740	0.1461	0.5622	0.9450	0.0178
30.0	0.9660	0.2167	0.0469	0.9706	0.1489	0.7117	0.9485	0.0538
30.1	0.9698	0.1519	0.1177	0.9621	0.2097	0.7171	0.9522	0.0425
30.2	0.9825	0.1360	0.0777	0.9778	0.1479	0.7467	0.9575	0.0816
30.3	0.9772	0.1619	0.0755	0.9756	0.1593	0.7408	0.9554	0.0688
30.4	0.9711	0.1595	0.0716	0.9861	0.2196	0.7852	0.9373	0.0631
30.5	0.9702	0.2203	0.0196	0.9583	0.1252	0.8386	0.9322	0.1416
30.6	0.9744	0.2346	0.0604	0.9389	0.0722	0.8020	0.9403	0.0720
30.7	0.9719	0.1587	0.0490	0.9815	0.1281	0.7913	0.9220	0.0384
30.8	0.9586	0.1121	0.0345	0.9798	0.1736	0.7813	0.8954	0.0333
30.9	0.9511	0.2457	0.1000	0.9816	0.1578	0.7383	0.8892	0.0696
31.0	0.9700	0.2219	0.0847	0.9776	0.1776	0.7892	0.9253	0.0392
31.1	0.9718	0.0879	0.0707	0.9856	0.2500	0.7962	0.9204	0.0275
31.2	0.9650	0.0478	0.0616	0.9680	0.2929	0.7902	0.9086	0.0851
31.3	0.9672	0.1089	0.0616	0.9580	0.2787	0.7884	0.9082	0.0540
31.4	0.9589	0.1040	0.0431	0.9528	0.1704	0.6235	0.8583	0.0513
31.5	0.9590	0.0093	0.1032	0.9615	0.1825	0.6984	0.8820	0.0740
31.6	0.9685	0.0471	0.1417	0.9643	0.1135	0.7873	0.9100	0.1783
31.7	0.9670	0.0954	0.0105	0.9471	0.1083	0.7294	0.8958	0.1957
31.8	0.9784	0.0251	0.0318	0.9448	0.0546	0.7515	0.9205	0.0935
31.9	0.9778	0.0589	0.0111	0.9437	0.0376	0.6827	0.9155	0.0436
32.0	0.9734	0.0904	0.0045	0.9274	0.0058	0.6527	0.9095	0.0974
32.1	0.9685	0.0624	0.0038	0.9376	0.0581	0.7042	0.9272	0.0889
32.2	0.9581	0.1050	0.0184	0.9039	0.0047	0.6869	0.9179	0.1639
32.3	0.9651	0.0002	0.0344	0.9163	0.0208	0.5556	0.9336	0.0596
32.4	0.9757	0.0043	0.0668	0.9442	0.1035	0.6540	0.9686	0.1285
32.5	0.9773	0.0543	0.0105	0.9483	0.0207	0.7923	0.9701	0.2184
32.6	0.9822	0.1263	0.0294	0.9605	0.0142	0.8559	0.9742	0.2548
32.7	0.9765	0.0205	0.0101	0.9468	0.0566	0.7708	0.9759	0.1488
32.8	0.9799	0.0051	0.0240	0.9518	0.0787	0.7823	0.9765	0.1271
32.9	0.9814	0.0031	0.0110	0.9515	0.0000	0.8557	0.9798	0.1820
33.0	0.9859	0.0301	0.0561	0.9632	0.0387	0.8815	0.9807	0.1273
33.1	0.9871	0.0205	0.0417	0.9684	0.0836	0.8748	0.9819	0.1257
33.2	0.9908	0.0085	0.0295	0.9753	0.0197	0.8974	0.9877	0.2331
33.3	0.9876	0.0686	0.0814	0.9752	0.0287	0.8786	0.9858	0.1374
33.4	0.9832	0.0383	0.0170	0.9666	0.0078	0.8629	0.9825	0.1940
33.5	0.9876	0.0429	0.0067	0.9759	0.0285	0.8774	0.9856	0.2703
33.6	0.9787	0.0973	0.0323	0.9658	0.0125	0.8066	0.9765	0.2251
33.7	0.9678	0.0484	0.0246	0.9557	0.0594	0.7775	0.9672	0.3734

33.8	0.9745	0.1686	0.1073	0.9629	0.1664	0.7985	0.9722	0.3464
33.9	0.9705	0.0877	0.0650	0.9656	0.3525	0.8019	0.9703	0.4022
34.0	0.9795	0.0405	0.0254	0.9761	0.5152	0.8652	0.9768	0.5300
34.1	0.9859	0.2139	0.0533	0.9824	0.4703	0.8712	0.9850	0.5226
34.2	0.9796	0.1800	0.0678	0.9803	0.4904	0.8365	0.9783	0.6031
34.3	0.9794	0.0985	0.0596	0.9828	0.5960	0.8667	0.9783	0.6363
34.4	0.9838	0.0696	0.0302	0.9872	0.7021	0.8870	0.9799	0.7071
34.5	0.9854	0.1257	0.0372	0.9888	0.6981	0.8838	0.9812	0.7444
34.6	0.9837	0.1328	0.0103	0.9862	0.7425	0.9253	0.9820	0.7625
34.7	0.9877	0.1750	0.0141	0.9901	0.7777	0.9290	0.9850	0.7642
34.8	0.9858	0.1752	0.0229	0.9896	0.7503	0.9269	0.9813	0.7678
34.9	0.9867	0.2272	0.0674	0.9902	0.7679	0.9273	0.9831	0.8137
35.0	0.9888	0.2973	0.0679	0.9920	0.7897	0.9441	0.9850	0.7728
35.1	0.9899	0.3481	0.0749	0.9916	0.8410	0.9667	0.9858	0.7702
35.2	0.9821	0.3022	0.0705	0.9886	0.7200	0.9514	0.9758	0.7112
35.3	0.9883	0.3580	0.1051	0.9930	0.7243	0.9506	0.9819	0.7344
35.4	0.9890	0.2398	0.0756	0.9910	0.8055	0.9675	0.9836	0.6820
35.5	0.9832	0.1130	0.0229	0.9845	0.7430	0.9695	0.9762	0.5340
35.6	0.9894	0.2278	0.0125	0.9916	0.7893	0.9746	0.9843	0.6360
35.7	0.9924	0.3241	0.0152	0.9918	0.8131	0.9804	0.9890	0.6735
35.8	0.9940	0.3648	0.0298	0.9934	0.8872	0.9876	0.9917	0.6813
35.9	0.9948	0.2015	0.0516	0.9928	0.9071	0.9864	0.9927	0.6088
36.0	0.9930	0.2417	0.0198	0.9915	0.8912	0.9832	0.9902	0.6022
36.1	0.9937	0.3419	0.0149	0.9931	0.9237	0.9856	0.9912	0.7343
36.2	0.9950	0.2851	0.0551	0.9935	0.9334	0.9890	0.9929	0.7866
36.3	0.9945	0.3360	0.0067	0.9915	0.9216	0.9816	0.9926	0.6882
36.4	0.9921	0.3077	0.0154	0.9905	0.9235	0.9809	0.9908	0.7170
36.5	0.9944	0.3263	0.0265	0.9935	0.9400	0.9840	0.9934	0.7698
36.6	0.9915	0.2324	0.0504	0.9897	0.9430	0.9782	0.9895	0.7832
36.7	0.9925	0.2856	0.1042	0.9909	0.9517	0.9785	0.9906	0.8528
36.8	0.9935	0.4025	0.1197	0.9917	0.9610	0.9809	0.9922	0.8430
36.9	0.9919	0.3037	0.0859	0.9893	0.9574	0.9779	0.9909	0.8280
37.0	0.9922	0.2300	0.0553	0.9919	0.9643	0.9842	0.9917	0.8760
37.1	0.9922	0.2687	0.0656	0.9912	0.9577	0.9780	0.9908	0.8326
37.2	0.9906	0.3200	0.0421	0.9897	0.9585	0.9702	0.9899	0.8327
37.3	0.9890	0.4250	0.0806	0.9897	0.9471	0.9674	0.9886	0.8654
37.4	0.9895	0.2871	0.0894	0.9886	0.9417	0.9515	0.9887	0.8753
37.5	0.9940	0.5446	0.1095	0.9919	0.9677	0.9650	0.9935	0.8944
37.6	0.9939	0.6312	0.0746	0.9931	0.9707	0.9626	0.9926	0.9086
37.7	0.9950	0.7252	0.0790	0.9947	0.9755	0.9622	0.9939	0.9008
37.8	0.9945	0.6967	0.0617	0.9945	0.9715	0.9582	0.9935	0.8765
37.9	0.9940	0.8390	0.1287	0.9940	0.9695	0.9532	0.9933	0.8956
38.0	0.9944	0.8523	0.1189	0.9928	0.9687	0.9452	0.9936	0.8969
38.1	0.9933	0.8767	0.1049	0.9934	0.9576	0.9383	0.9924	0.8940
38.2	0.9941	0.9253	0.0739	0.9933	0.9670	0.9551	0.9932	0.8699
38.3	0.9949	0.9164	0.0177	0.9944	0.9718	0.9568	0.9939	0.8396
38.4	0.9942	0.9352	0.0430	0.9933	0.9746	0.9495	0.9942	0.8330
38.5	0.9928	0.9430	0.0287	0.9923	0.9718	0.9596	0.9920	0.8068
38.6	0.9948	0.9531	0.0586	0.9949	0.9768	0.9582	0.9943	0.8097
38.7	0.9956	0.9547	0.0583	0.9942	0.9745	0.9586	0.9952	0.7881
38.8	0.9943	0.9507	0.0085	0.9931	0.9609	0.9555	0.9930	0.6360
38.9	0.9944	0.9579	0.0071	0.9939	0.9637	0.9711	0.9929	0.7077
39.0	0.9941	0.9591	0.0308	0.9941	0.9706	0.9722	0.9931	0.7147
39.1	0.9934	0.9735	0.0321	0.9928	0.9758	0.9728	0.9927	0.7815
39.2	0.9916	0.9683	0.0459	0.9913	0.9632	0.9730	0.9919	0.6827
39.3	0.9915	0.9725	0.0413	0.9916	0.9657	0.9808	0.9913	0.7445
39.4	0.9897	0.9698	0.0794	0.9913	0.9733	0.9755	0.9901	0.8478
39.5	0.9909	0.9644	0.0948	0.9908	0.9571	0.9715	0.9909	0.8343
39.6	0.9935	0.9676	0.0320	0.9935	0.9502	0.9791	0.9932	0.8314
39.7	0.9933	0.9621	0.0273	0.9941	0.9508	0.9823	0.9930	0.8713
39.8	0.9919	0.9631	0.0607	0.9928	0.9528	0.9831	0.9917	0.8997
39.9	0.9905	0.9675	0.0635	0.9898	0.9530	0.9767	0.9908	0.8971
40.0	0.9890	0.9676	0.0452	0.9891	0.9459	0.9720	0.9903	0.8932
40.1	0.9908	0.9696	0.1360	0.9909	0.9365	0.9709	0.9905	0.9180
40.2	0.9853	0.9523	0.0395	0.9843	0.9169	0.9628	0.9853	0.8792
40.3	0.9902	0.9652	0.0233	0.9901	0.9377	0.9683	0.9901	0.9060
40.4	0.9893	0.9594	0.0149	0.9893	0.9138	0.9657	0.9891	0.8947
40.5	0.9892	0.9554	0.0463	0.9888	0.9223	0.9549	0.9891	0.9161
40.6	0.9842	0.9550	0.0780	0.9850	0.9273	0.9496	0.9842	0.8929
40.7	0.9857	0.9599	0.0385	0.9865	0.9084	0.9552	0.9853	0.9014
40.8	0.9918	0.9649	0.0112	0.9918	0.9266	0.9605	0.9920	0.9250
40.9	0.9906	0.9538	0.0149	0.9904	0.9337	0.9503	0.9897	0.9113
41.0	0.9886	0.9113	0.0114	0.9892	0.9067	0.9175	0.9865	0.8950
41.1	0.9907	0.9208	0.0079	0.9917	0.9375	0.9513	0.9919	0.9230
41.2	0.9928	0.9336	0.0072	0.9931	0.9431	0.9239	0.9913	0.9433
41.3	0.9877	0.9141	0.0248	0.9891	0.9303	0.8610	0.9861	0.9260
41.4	0.9869	0.9417	0.0439	0.9877	0.9209	0.8536	0.9861	0.9276
41.5	0.9882	0.9433	0.0567	0.9885	0.8733	0.8809	0.9870	0.9369
41.6	0.9905	0.9411	0.0503	0.9902	0.9195	0.9112	0.9897	0.9497
41.7	0.9908	0.9362	0.0735	0.9929	0.9487	0.8517	0.9898	0.9330
41.8	0.9906	0.9351	0.0500	0.9916	0.9484	0.9019	0.9911	0.9265
41.9	0.9915	0.9518	0.0281	0.9937	0.9574	0.8928	0.9904	0.9291
42.0	0.9900	0.9512	0.0154	0.9918	0.9740	0.8913	0.9890	0.9326
42.1	0.9898	0.9475	0.0106	0.9924	0.9546	0.8990	0.9899	0.9118
42.2	0.9895	0.9119	0.0157	0.9925	0.9172	0.9118	0.9901	0.8865
42.3	0.9875	0.8911	0.0013	0.9906	0.9297	0.8261	0.9876	0.9042

42.4	0.9915	0.9400	0.0046	0.9937	0.9469	0.9090	0.9918	0.9424
42.5	0.9921	0.9334	0.0241	0.9933	0.9203	0.9328	0.9923	0.9559
42.6	0.9901	0.8987	0.0009	0.9921	0.9113	0.9001	0.9882	0.9332
42.7	0.9836	0.9013	0.0030	0.9895	0.9089	0.8430	0.9853	0.9465
42.8	0.9857	0.9472	0.0114	0.9900	0.8901	0.9283	0.9879	0.9523
42.9	0.9897	0.9493	0.0064	0.9919	0.8990	0.9529	0.9906	0.9482
43.0	0.9888	0.9375	0.0013	0.9904	0.9275	0.9433	0.9864	0.8050
43.1	0.9894	0.9546	0.0046	0.9907	0.9124	0.9388	0.9867	0.9359
43.2	0.9871	0.9561	0.0209	0.9905	0.9257	0.9558	0.9858	0.9390
43.3	0.9869	0.9425	0.0025	0.9898	0.9436	0.9603	0.9861	0.9193
43.4	0.9856	0.9075	0.0200	0.9910	0.9230	0.9555	0.9878	0.8998
43.5	0.9817	0.8629	0.0080	0.9887	0.9273	0.9479	0.9850	0.8543
43.6	0.9831	0.8980	0.0570	0.9880	0.8876	0.9497	0.9840	0.8967
43.7	0.9879	0.8454	0.0259	0.9891	0.9180	0.9384	0.9850	0.8217
43.8	0.9856	0.8393	0.0020	0.9872	0.9133	0.9090	0.9819	0.8723
43.9	0.9831	0.8847	0.0173	0.9883	0.9596	0.9715	0.9847	0.9066
44.0	0.9853	0.8901	0.0165	0.9898	0.9624	0.9579	0.9859	0.9109
44.1	0.9855	0.7598	0.0022	0.9900	0.9091	0.9138	0.9834	0.8654
44.2	0.9868	0.8400	0.0018	0.9890	0.9204	0.8694	0.9853	0.9067
44.3	0.9872	0.8497	0.0072	0.9888	0.8476	0.8333	0.9837	0.9321
44.4	0.9865	0.8249	0.0138	0.9868	0.8084	0.6836	0.9763	0.7975
44.5	0.9778	0.8530	0.0127	0.9781	0.7924	0.7055	0.9689	0.8925
44.6	0.9731	0.9216	0.0044	0.9752	0.8899	0.8004	0.9687	0.7870
44.7	0.9815	0.8347	0.0088	0.9843	0.9431	0.8774	0.9749	0.7095
44.8	0.9846	0.9104	0.0078	0.9877	0.9079	0.7606	0.9807	0.8850
44.9	0.9787	0.9061	0.0108	0.9842	0.8511	0.9087	0.9776	0.8759
45.0	0.9781	0.7791	0.0292	0.9838	0.7583	0.6793	0.9714	0.6245
45.1	0.9761	0.6317	0.0149	0.9815	0.7782	0.7814	0.9716	0.5850
45.2	0.9792	0.7435	0.0252	0.9850	0.8496	0.7082	0.9763	0.7944
45.3	0.9844	0.7387	0.0107	0.9869	0.8368	0.5804	0.9782	0.6086
45.4	0.9839	0.6549	0.0327	0.9790	0.8203	0.6187	0.9732	0.0406
45.5	0.9745	0.6946	0.0510	0.9773	0.8786	0.6865	0.9704	0.5945
45.6	0.9748	0.6644	0.0208	0.9827	0.8520	0.7846	0.9770	0.7686
45.7	0.9823	0.6190	0.0222	0.9869	0.8901	0.7991	0.9811	0.6429
45.8	0.9780	0.7585	0.0179	0.9789	0.8955	0.5749	0.9729	0.7155
45.9	0.9798	0.8507	0.0216	0.9786	0.8009	0.4934	0.9717	0.5120
46.0	0.9818	0.8496	0.0082	0.9811	0.8024	0.6397	0.9743	0.6812
46.1	0.9808	0.8546	0.0068	0.9808	0.7952	0.6734	0.9743	0.2456
46.2	0.9819	0.8741	0.0210	0.9819	0.7846	0.6127	0.9728	0.5624
46.3	0.9743	0.9103	0.0106	0.9742	0.7380	0.5487	0.9666	0.4182
46.4	0.9761	0.8975	0.0373	0.9795	0.8121	0.6567	0.9772	0.5649
46.5	0.9759	0.8007	0.0913	0.9824	0.7537	0.6008	0.9804	0.3459
46.6	0.9826	0.7227	0.0804	0.9815	0.7409	0.6696	0.9775	0.6242
46.7	0.9832	0.7712	0.0310	0.9813	0.7784	0.7129	0.9794	0.7883
46.8	0.9835	0.8048	0.0083	0.9818	0.7788	0.6471	0.9808	0.8488
46.9	0.9865	0.7964	0.0326	0.9839	0.7660	0.7154	0.9783	0.8596
47.0	0.9888	0.8299	0.0078	0.9864	0.8129	0.7573	0.9807	0.8762
47.1	0.9877	0.8291	0.0403	0.9867	0.8571	0.8303	0.9849	0.8283
47.2	0.9755	0.7513	0.0219	0.9781	0.8002	0.8574	0.9761	0.6383
47.3	0.9814	0.8299	0.0714	0.9836	0.8369	0.8804	0.9819	0.8468
47.4	0.9823	0.8834	0.0316	0.9869	0.8761	0.9430	0.9850	0.8915
47.5	0.9729	0.7736	0.0200	0.9839	0.8567	0.8981	0.9781	0.7959
47.6	0.9813	0.8936	0.0016	0.9889	0.9404	0.8922	0.9873	0.8514
47.7	0.9858	0.9067	0.0106	0.9893	0.9091	0.8067	0.9845	0.5805
47.8	0.9881	0.8804	0.1239	0.9858	0.8375	0.8113	0.9854	0.3741
47.9	0.9937	0.9110	0.0636	0.9888	0.8807	0.7625	0.9914	0.7452
48.0	0.9900	0.8849	0.0238	0.9870	0.8881	0.8947	0.9890	0.7960
48.1	0.9863	0.8561	0.0303	0.9782	0.8828	0.7936	0.9832	0.6556
48.2	0.9861	0.7964	0.0395	0.9776	0.8307	0.8216	0.9857	0.5075
48.3	0.9859	0.7376	0.0151	0.9766	0.7931	0.7131	0.9841	0.4817
48.4	0.9859	0.8808	0.0190	0.9806	0.8257	0.7453	0.9887	0.3073
48.5	0.9767	0.7838	0.0161	0.9749	0.8413	0.8852	0.9802	0.7606
48.6	0.9790	0.8695	0.0269	0.9722	0.8527	0.8358	0.9819	0.4694
48.7	0.9880	0.8315	0.0229	0.9814	0.7948	0.8678	0.9873	0.5596
48.8	0.9845	0.7813	0.0237	0.9793	0.8682	0.8690	0.9888	0.4100
48.9	0.9825	0.8584	0.0845	0.9753	0.8404	0.8495	0.9880	0.2925
49.0	0.9814	0.8334	0.1429	0.9789	0.9001	0.9213	0.9860	0.3730
49.1	0.9859	0.7807	0.0577	0.9796	0.8840	0.9473	0.9851	0.4683
49.2	0.9741	0.5532	0.0952	0.9714	0.8855	0.9304	0.9776	0.4116
49.3	0.9765	0.5934	0.0335	0.9708	0.8908	0.8461	0.9842	0.0611
49.4	0.9856	0.6825	0.0865	0.9774	0.8669	0.8651	0.9899	0.0510
49.5	0.9830	0.5546	0.0490	0.9742	0.7671	0.8896	0.9853	0.0847
49.6	0.9829	0.4610	0.0519	0.9786	0.8629	0.9140	0.9892	0.1820
49.7	0.9862	0.6806	0.1332	0.9845	0.8239	0.9409	0.9921	0.3808
49.8	0.9786	0.6632	0.0924	0.9746	0.8903	0.9431	0.9873	0.2550
49.9	0.9723	0.5763	0.0812	0.9661	0.8740	0.8645	0.9827	0.0072
50.0	0.9720	0.4584	0.0441	0.9568	0.8278	0.8467	0.9737	0.0195
50.1	0.9643	0.3317	0.1113	0.9567	0.8345	0.9219	0.9686	0.0170
50.2	0.9691	0.2348	0.0410	0.9570	0.8224	0.7873	0.9789	0.0300
50.3	0.9809	0.5438	0.0527	0.9696	0.7887	0.8249	0.9845	0.0151
50.4	0.9687	0.5848	0.0876	0.9699	0.8603	0.9300	0.9795	0.0076
50.5	0.9678	0.5552	0.1835	0.9704	0.9226	0.9166	0.9796	0.0856
50.6	0.9685	0.6268	0.2031	0.9710	0.7182	0.9301	0.9781	0.3290
50.7	0.9667	0.5589	0.1901	0.9651	0.8393	0.9179	0.9735	0.2637
50.8	0.9797	0.6120	0.2569	0.9761	0.8480	0.9283	0.9837	0.4330
50.9	0.9721	0.3940	0.3730	0.9689	0.8337	0.9472	0.9800	0.3127

51.0	0.9639	0.5578	0.2740	0.9611	0.8817	0.9445	0.9785	0.1561
51.1	0.9626	0.4468	0.2771	0.9693	0.7790	0.9560	0.9769	0.5378
51.2	0.9478	0.4566	0.2515	0.9559	0.6991	0.8509	0.9728	0.2110
51.3	0.9757	0.6785	0.1509	0.9733	0.6980	0.8560	0.9869	0.1624
51.4	0.9707	0.6713	0.1604	0.9680	0.6555	0.9361	0.9800	0.3108
51.5	0.9629	0.5913	0.1283	0.9663	0.5844	0.8387	0.9824	0.3544
51.6	0.9704	0.6655	0.1122	0.9636	0.5280	0.8090	0.9834	0.3715
51.7	0.9720	0.4825	0.0978	0.9709	0.5325	0.8962	0.9827	0.5451
51.8	0.9727	0.6375	0.1927	0.9682	0.4062	0.9532	0.9788	0.6931
51.9	0.9726	0.6588	0.3597	0.9688	0.2351	0.9437	0.9799	0.6696
52.0	0.9625	0.5189	0.2630	0.9678	0.1981	0.9312	0.9766	0.7234
52.1	0.9626	0.6371	0.1146	0.9695	0.2877	0.8991	0.9805	0.6052
52.2	0.9512	0.4780	0.0909	0.9613	0.1215	0.9175	0.9708	0.7059
52.3	0.9649	0.4973	0.1859	0.9685	0.0713	0.8508	0.9828	0.4583
52.4	0.9700	0.6050	0.0737	0.9696	0.1562	0.8751	0.9815	0.3687
52.5	0.9729	0.7801	0.0460	0.9751	0.5620	0.9139	0.9800	0.5678
52.6	0.9587	0.7062	0.1037	0.9638	0.5409	0.8078	0.9757	0.5218
52.7	0.9684	0.6568	0.1249	0.9707	0.4364	0.8432	0.9832	0.5078
52.8	0.9782	0.6347	0.2638	0.9763	0.6937	0.9500	0.9787	0.7497
52.9	0.9628	0.5615	0.1680	0.9665	0.5690	0.8319	0.9716	0.4606
53.0	0.9751	0.5047	0.1035	0.9676	0.5668	0.8296	0.9792	0.4460
53.1	0.9621	0.6989	0.1235	0.9631	0.7152	0.8780	0.9785	0.4364
53.2	0.9739	0.6504	0.0438	0.9791	0.8041	0.9006	0.9870	0.4162
53.3	0.9798	0.6405	0.0366	0.9819	0.8196	0.9114	0.9868	0.4847
53.4	0.9734	0.7450	0.0123	0.9779	0.8257	0.9340	0.9849	0.5535
53.5	0.9740	0.8689	0.0538	0.9797	0.7428	0.9312	0.9854	0.6592
53.6	0.9842	0.6610	0.1018	0.9847	0.8679	0.9564	0.9833	0.7615
53.7	0.9786	0.5707	0.0445	0.9839	0.8709	0.9261	0.9840	0.7300
53.8	0.9757	0.3855	0.0782	0.9829	0.8529	0.9229	0.9814	0.7147
53.9	0.9813	0.2405	0.1324	0.9867	0.8873	0.9450	0.9847	0.6963
54.0	0.9763	0.2847	0.0514	0.9846	0.8838	0.9276	0.9878	0.6154
54.1	0.9767	0.6386	0.0520	0.9836	0.8764	0.9320	0.9846	0.6794
54.2	0.9794	0.7991	0.0693	0.9816	0.8131	0.9486	0.9756	0.7211
54.3	0.9653	0.3858	0.0695	0.9751	0.7822	0.8777	0.9711	0.6807
54.4	0.9746	0.2267	0.1325	0.9821	0.8005	0.8806	0.9767	0.7089
54.5	0.9768	0.1376	0.2201	0.9819	0.8261	0.9053	0.9713	0.8036
54.6	0.9774	0.2595	0.3932	0.9802	0.8569	0.9342	0.9698	0.8760
54.7	0.9849	0.2989	0.4244	0.9854	0.9311	0.9662	0.9802	0.9056
54.8	0.9820	0.3975	0.1744	0.9835	0.8914	0.9604	0.9726	0.8327
54.9	0.9691	0.2093	0.1444	0.9768	0.8372	0.9148	0.9655	0.7246
55.0	0.9785	0.2739	0.2963	0.9818	0.9068	0.9578	0.9731	0.8429
55.1	0.9792	0.2954	0.3677	0.9809	0.8926	0.9569	0.9690	0.8514
55.2	0.9836	0.2800	0.5174	0.9837	0.9103	0.9647	0.9709	0.8804
55.3	0.9702	0.2219	0.4408	0.9727	0.8939	0.9426	0.9660	0.8209
55.4	0.9757	0.2294	0.5341	0.9750	0.8581	0.9585	0.9708	0.8724
55.5	0.9814	0.0297	0.6346	0.9772	0.8901	0.9727	0.9704	0.9206
55.6	0.9825	0.3949	0.5329	0.9817	0.8857	0.9713	0.9681	0.8759
55.7	0.9794	0.4327	0.6392	0.9794	0.9255	0.9674	0.9755	0.9142
55.8	0.9702	0.5605	0.7275	0.9699	0.9047	0.9657	0.9633	0.9349
55.9	0.9762	0.5469	0.7305	0.9734	0.8835	0.9700	0.9651	0.9264
56.0	0.9722	0.4436	0.6868	0.9716	0.8616	0.9659	0.9656	0.9058
56.1	0.9686	0.4514	0.7005	0.9686	0.8615	0.9711	0.9455	0.8964
56.2	0.9650	0.5957	0.7495	0.9616	0.8916	0.9645	0.9520	0.9172
56.3	0.9674	0.6442	0.7457	0.9605	0.8533	0.9662	0.9512	0.9275
56.4	0.9556	0.6739	0.7651	0.9468	0.8348	0.9547	0.9382	0.9173
56.5	0.9521	0.6563	0.7707	0.9410	0.8573	0.9531	0.9301	0.9080
56.6	0.9590	0.6849	0.7526	0.9470	0.8879	0.9584	0.9350	0.9243
56.7	0.9658	0.7515	0.8037	0.9587	0.9024	0.9643	0.9516	0.9434
56.8	0.9695	0.7303	0.8138	0.9610	0.8826	0.9698	0.9461	0.9359
56.9	0.9539	0.6892	0.7660	0.9448	0.8788	0.9526	0.9372	0.9144
57.0	0.9609	0.6184	0.7822	0.9468	0.9117	0.9572	0.9392	0.9273
57.1	0.9606	0.4612	0.7591	0.9450	0.9155	0.9568	0.9481	0.9290
57.2	0.9457	0.2462	0.7778	0.9245	0.9073	0.9433	0.9288	0.9295
57.3	0.9359	0.7094	0.7553	0.8983	0.8615	0.9377	0.9237	0.9059
57.4	0.9313	0.7456	0.7582	0.8981	0.8828	0.9320	0.9444	0.9134
57.5	0.9529	0.7317	0.7451	0.9218	0.8813	0.9461	0.9512	0.9169
57.6	0.9510	0.6452	0.7827	0.9126	0.9064	0.9417	0.9574	0.9228
57.7	0.9508	0.6399	0.7726	0.9063	0.8901	0.9441	0.9509	0.9219
57.8	0.9465	0.7070	0.8171	0.8965	0.8815	0.9433	0.9534	0.9257
57.9	0.9510	0.6548	0.8022	0.8898	0.8913	0.9493	0.9616	0.9165
58.0	0.9442	0.6251	0.7420	0.8855	0.8631	0.9298	0.9499	0.9158
58.1	0.9316	0.5719	0.7416	0.8541	0.8688	0.9166	0.9523	0.9122
58.2	0.9304	0.5423	0.7729	0.8208	0.8583	0.9116	0.9429	0.9119
58.3	0.9330	0.4853	0.7966	0.7767	0.8509	0.9150	0.9574	0.9298
58.4	0.9323	0.3364	0.8032	0.8863	0.8676	0.9218	0.9651	0.9273
58.5	0.9554	0.8357	0.8359	0.8350	0.8757	0.9500	0.9738	0.9479
58.6	0.9479	0.7157	0.8228	0.7749	0.8571	0.9261	0.9676	0.9295
58.7	0.9182	0.5081	0.8025	0.8503	0.7902	0.9141	0.9549	0.8944
58.8	0.9427	0.8379	0.8410	0.8660	0.8808	0.9228	0.9638	0.9253
58.9	0.9512	0.9178	0.9054	0.8628	0.9152	0.9380	0.9758	0.9543
59.0	0.9294	0.8225	0.8906	0.8688	0.9259	0.9306	0.9699	0.9525
59.1	0.9170	0.8372	0.8809	0.7941	0.8994	0.9197	0.9619	0.9322
59.2	0.9511	0.8873	0.9274	0.9127	0.9241	0.9396	0.9755	0.9500
59.3	0.9374	0.8934	0.9097	0.8554	0.9200	0.9289	0.9711	0.9468
59.4	0.9229	0.8940	0.8697	0.8558	0.9129	0.9192	0.9677	0.9325
59.5	0.9320	0.8933	0.8981	0.9262	0.9222	0.9349	0.9649	0.9388

59.6	0.9285	0.8932	0.9155	0.9004	0.9222	0.9299	0.9715	0.9398
59.7	0.9262	0.8682	0.9026	0.9215	0.9353	0.9190	0.9727	0.9473
59.8	0.9400	0.8650	0.9206	0.9289	0.9599	0.9343	0.9742	0.9618
59.9	0.9152	0.8636	0.9026	0.9404	0.9260	0.8960	0.9578	0.9421
60.0	0.8548	0.8633	0.2673	0.9005	0.9243	0.8689	0.9284	0.7136
60.1	0.9384	0.9249	0.9224	0.9393	0.9586	0.9309	0.9583	0.9609
60.2	0.9142	0.9118	0.9157	0.9589	0.9539	0.9180	0.9492	0.9526
60.3	0.9240	0.9258	0.9251	0.9515	0.9493	0.9232	0.9533	0.9500
60.4	0.9096	0.9304	0.9004	0.9423	0.9349	0.9084	0.9480	0.9367
60.5	0.9241	0.9554	0.9395	0.9672	0.9644	0.9244	0.9706	0.9622
60.6	0.9117	0.9430	0.9146	0.9691	0.9390	0.9107	0.9450	0.9401
60.7	0.9124	0.9539	0.9169	0.9585	0.9356	0.9142	0.9454	0.9422
60.8	0.9037	0.9638	0.9278	0.9677	0.9518	0.9108	0.9649	0.9544
60.9	0.8671	0.9603	0.9241	0.9642	0.9436	0.9148	0.9619	0.9410
61.0	0.8835	0.9601	0.9436	0.9744	0.9522	0.9400	0.9489	0.9498
61.1	0.8303	0.9533	0.9363	0.9781	0.9484	0.9121	0.9440	0.9480
61.2	0.8523	0.9555	0.9442	0.9765	0.9596	0.9256	0.9538	0.9577
61.3	0.8176	0.9464	0.9420	0.9697	0.9521	0.9310	0.9493	0.9489
61.4	0.7088	0.9340	0.9097	0.9693	0.9305	0.9110	0.9203	0.9230
61.5	0.7468	0.9513	0.9329	0.9828	0.9546	0.9297	0.9392	0.9464
61.6	0.6933	0.9559	0.9341	0.9873	0.9515	0.9371	0.9474	0.9450
61.7	0.6303	0.9410	0.9240	0.9732	0.9420	0.9083	0.9375	0.9416
61.8	0.5357	0.9232	0.9137	0.9624	0.9311	0.8797	0.9099	0.9271
61.9	0.4445	0.9396	0.9253	0.9745	0.9419	0.8589	0.8826	0.9359
62.0	0.4834	0.9551	0.9332	0.9846	0.9553	0.8932	0.9081	0.9537
62.1	0.4324	0.9485	0.9412	0.9801	0.9556	0.9011	0.9050	0.9512
62.2	0.4661	0.9350	0.9505	0.9815	0.9469	0.9080	0.9096	0.9501
62.3	0.4098	0.9223	0.9383	0.9776	0.9455	0.8739	0.8561	0.9503
62.4	0.5064	0.9189	0.9483	0.9718	0.9496	0.8618	0.8460	0.9506
62.5	0.5667	0.9229	0.9575	0.9701	0.9495	0.8948	0.8824	0.9531
62.6	0.6457	0.9316	0.9524	0.9741	0.9580	0.8820	0.8889	0.9631
62.7	0.6530	0.9281	0.9537	0.9777	0.9558	0.8892	0.8822	0.9589
62.8	0.6748	0.9190	0.9572	0.9734	0.9568	0.8747	0.8752	0.9612
62.9	0.7016	0.9053	0.9525	0.9729	0.9506	0.8564	0.8862	0.9599
63.0	0.7077	0.9019	0.9496	0.9779	0.9466	0.8380	0.8479	0.9552
63.1	0.7481	0.8758	0.9553	0.9589	0.9399	0.8517	0.8664	0.9497
63.2	0.8088	0.8601	0.9502	0.9538	0.9328	0.8415	0.8561	0.9471
63.3	0.8723	0.8946	0.9585	0.9624	0.9553	0.8188	0.8330	0.9622
63.4	0.8911	0.9134	0.9653	0.9380	0.9599	0.8503	0.8698	0.9685
63.5	0.8720	0.8736	0.9534	0.9611	0.9396	0.7709	0.8720	0.9496
63.6	0.8854	0.8643	0.9619	0.9465	0.9399	0.7226	0.8346	0.9538
63.7	0.9109	0.9022	0.9708	0.9703	0.9604	0.7917	0.8434	0.9638
63.8	0.9331	0.8583	0.9706	0.9647	0.9523	0.7893	0.8678	0.9612
63.9	0.9147	0.8119	0.9489	0.9345	0.9196	0.7891	0.8514	0.9346
64.0	0.9202	0.8406	0.9574	0.9469	0.9315	0.7840	0.8488	0.9427
64.1	0.9192	0.8294	0.9515	0.9448	0.9320	0.7652	0.8499	0.9433
64.2	0.9357	0.8156	0.9458	0.9469	0.9158	0.7817	0.8719	0.9287
64.3	0.9468	0.7650	0.9652	0.9619	0.9178	0.8413	0.8726	0.9326
64.4	0.9379	0.7479	0.9508	0.9490	0.9318	0.8429	0.8206	0.9466
64.5	0.9425	0.6993	0.9371	0.9480	0.9184	0.8250	0.8061	0.9308
64.6	0.9467	0.6720	0.9407	0.9699	0.9147	0.8524	0.8025	0.9271
64.7	0.9617	0.6937	0.9517	0.9569	0.9229	0.8755	0.8178	0.9363
64.8	0.9633	0.6914	0.9620	0.9602	0.9247	0.9034	0.8678	0.9408
64.9	0.9625	0.7745	0.9549	0.9707	0.9460	0.9126	0.8582	0.9590
65.0	0.9576	0.7628	0.9525	0.9689	0.9281	0.9127	0.8217	0.9413
65.1	0.9444	0.6603	0.9470	0.9666	0.9099	0.9036	0.7860	0.9253
65.2	0.9414	0.6257	0.9366	0.9407	0.9105	0.8905	0.7468	0.9288
65.3	0.9524	0.5971	0.9473	0.9550	0.8862	0.9278	0.7890	0.9205
65.4	0.9571	0.6460	0.9578	0.9364	0.8819	0.9491	0.8180	0.8948
65.5	0.9596	0.7443	0.9572	0.9418	0.9063	0.9426	0.7404	0.9085
65.6	0.9582	0.7936	0.9547	0.9549	0.9177	0.9521	0.7102	0.9201
65.7	0.9598	0.8113	0.9554	0.9469	0.9240	0.9523	0.7312	0.9157
65.8	0.9616	0.8282	0.9419	0.9192	0.9199	0.9386	0.6865	0.9141
65.9	0.9588	0.8116	0.9454	0.9088	0.9093	0.9413	0.6668	0.9071
66.0	0.9474	0.8209	0.9387	0.9166	0.9035	0.9415	0.6246	0.8924
66.1	0.9503	0.8778	0.9496	0.9348	0.9454	0.9616	0.6414	0.9233
66.2	0.9550	0.9025	0.9531	0.9364	0.9565	0.9653	0.6121	0.9412
66.3	0.9408	0.8600	0.9405	0.8584	0.9136	0.9451	0.5223	0.8966
66.4	0.9253	0.8170	0.9277	0.8466	0.8959	0.9482	0.3795	0.8658
66.5	0.9225	0.8258	0.9309	0.8817	0.9112	0.9513	0.4417	0.8970
66.6	0.9276	0.8232	0.9266	0.8614	0.8932	0.9350	0.4621	0.8988
66.7	0.9306	0.8298	0.9297	0.8811	0.8917	0.9379	0.5071	0.8885
66.8	0.9230	0.8426	0.9172	0.9051	0.8960	0.9442	0.2930	0.8650
66.9	0.8979	0.8344	0.9194	0.8541	0.8722	0.9323	0.2395	0.8273
67.0	0.9126	0.7802	0.9176	0.7957	0.8359	0.9363	0.4695	0.8041
67.1	0.9090	0.8253	0.9376	0.8587	0.8494	0.9509	0.4808	0.8421
67.2	0.9004	0.8391	0.9351	0.8448	0.8369	0.9402	0.3961	0.8790
67.3	0.8943	0.8085	0.9225	0.7981	0.8155	0.9231	0.3985	0.8312
67.4	0.8992	0.8168	0.9400	0.8203	0.7934	0.9239	0.4579	0.8336
67.5	0.9038	0.8093	0.9386	0.7930	0.8048	0.9165	0.4642	0.8456
67.6	0.8370	0.8127	0.9163	0.8053	0.8061	0.8967	0.4608	0.8181
67.7	0.8747	0.8604	0.9526	0.8492	0.8312	0.9354	0.5688	0.8269
67.8	0.8429	0.8154	0.9375	0.7853	0.7997	0.9251	0.5366	0.7947
67.9	0.8224	0.8247	0.9351	0.7422	0.7770	0.9420	0.5239	0.7855
68.0	0.7876	0.8782	0.9482	0.7376	0.7581	0.9317	0.5807	0.8019
68.1	0.7600	0.8190	0.9588	0.7287	0.6726	0.9085	0.5960	0.7014

68.2	0.8037	0.7834	0.9482	0.7692	0.5631	0.8953	0.6754	0.6344
68.3	0.7889	0.7728	0.9364	0.7049	0.5735	0.8460	0.6611	0.6372
68.4	0.7686	0.7910	0.9447	0.6162	0.6177	0.8510	0.6104	0.6521
68.5	0.5807	0.7173	0.9265	0.4638	0.4412	0.7758	0.5207	0.4497
68.6	0.6033	0.7644	0.9015	0.5494	0.4267	0.7763	0.6112	0.3709
68.7	0.7154	0.8236	0.8997	0.5603	0.5672	0.7827	0.6206	0.4752
68.8	0.7192	0.8399	0.9054	0.5477	0.6343	0.7379	0.6462	0.5540
68.9	0.7524	0.8560	0.9025	0.5664	0.6536	0.7292	0.6530	0.5370
69.0	0.7027	0.8332	0.8981	0.5640	0.6291	0.7061	0.6868	0.4573
69.1	0.6895	0.8385	0.9081	0.4593	0.5683	0.6624	0.5866	0.4235
69.2	0.7163	0.8739	0.9023	0.4606	0.5757	0.6601	0.5887	0.4031
69.3	0.7095	0.8830	0.8696	0.4334	0.6589	0.6545	0.6364	0.3463
69.4	0.6957	0.8879	0.8268	0.3490	0.6987	0.6907	0.6202	0.4199
69.5	0.6617	0.9158	0.8457	0.4842	0.7790	0.6574	0.6776	0.3633
69.6	0.6278	0.8998	0.8123	0.4797	0.7772	0.6480	0.6712	0.1904
69.7	0.6408	0.7958	0.6996	0.1453	0.6458	0.5496	0.5051	0.1916
69.8	0.7220	0.7921	0.7083	0.1353	0.5921	0.4712	0.4477	0.3017
69.9	0.6710	0.7796	0.6788	0.1530	0.4328	0.4951	0.4622	0.2312
70.0	0.5814	0.8103	0.6217	0.1957	0.3958	0.4950	0.5132	0.1860
70.1	0.6864	0.7904	0.5620	0.1386	0.5157	0.4523	0.4734	0.2892
70.2	0.6323	0.8146	0.5869	0.2178	0.5398	0.5067	0.5583	0.3544
70.3	0.6578	0.8356	0.5841	0.2287	0.5316	0.5105	0.5619	0.2954
70.4	0.5983	0.7538	0.4184	0.1895	0.4857	0.4707	0.4785	0.1608
70.5	0.5220	0.7503	0.3707	0.2698	0.4835	0.5653	0.5461	0.2496
70.6	0.6299	0.7976	0.4223	0.2690	0.5066	0.5875	0.5857	0.2479
70.7	0.5150	0.7618	0.2898	0.2098	0.4197	0.5514	0.5597	0.1661
70.8	0.4053	0.7419	0.1985	0.2136	0.4056	0.5576	0.5517	0.3576
70.9	0.5060	0.7656	0.2822	0.2358	0.4451	0.5857	0.6122	0.4092
71.0	0.6452	0.7861	0.2675	0.2687	0.4059	0.6188	0.6638	0.3629
71.1	0.5786	0.7205	0.0270	0.1594	0.1348	0.4536	0.5005	0.2164
71.2	0.4633	0.6749	0.0506	0.2176	0.0969	0.4639	0.5477	0.1685
71.3	0.5212	0.7126	0.0877	0.2515	0.0708	0.5233	0.5524	0.2195
71.4	0.5711	0.6949	0.0682	0.2255	0.0466	0.4609	0.5465	0.2474
71.5	0.6123	0.7315	0.1468	0.2519	0.1424	0.5189	0.6214	0.2959
71.6	0.7893	0.7492	0.0663	0.1711	0.3108	0.4719	0.6109	0.4397
71.7	0.8133	0.7088	0.0297	0.2688	0.3111	0.3392	0.6072	0.4151
71.8	0.8419	0.7082	0.0735	0.3076	0.4296	0.3271	0.5617	0.3966
71.9	0.8276	0.7163	0.0727	0.2797	0.4034	0.3152	0.6005	0.3580
72.0	0.8235	0.7207	0.1155	0.3420	0.3393	0.3124	0.6683	0.4508
72.1	0.7995	0.6429	0.1337	0.2737	0.4234	0.1877	0.5957	0.4029
72.2	0.8164	0.6373	0.1733	0.3298	0.4612	0.1604	0.6243	0.4830
72.3	0.8337	0.6907	0.2711	0.4723	0.5248	0.2027	0.7238	0.6303
72.4	0.8416	0.7112	0.2798	0.4634	0.5938	0.1187	0.7313	0.5960
72.5	0.8725	0.7169	0.1932	0.4575	0.7072	0.0446	0.6847	0.6020
72.6	0.8821	0.7263	0.2018	0.4172	0.7495	0.0093	0.6916	0.6939
72.7	0.8954	0.7790	0.3652	0.4541	0.7897	0.0056	0.7579	0.7258
72.8	0.9038	0.8377	0.3561	0.4888	0.8009	0.0262	0.8274	0.7673
72.9	0.9208	0.8448	0.3710	0.4739	0.8595	0.0405	0.8249	0.7969
73.0	0.9179	0.8622	0.3741	0.4904	0.8636	0.0638	0.8089	0.7715
73.1	0.8894	0.8604	0.4665	0.4946	0.8395	0.0343	0.8363	0.7911
73.2	0.8859	0.8446	0.3580	0.5135	0.8436	0.0628	0.8315	0.8223
73.3	0.8646	0.8332	0.3761	0.4513	0.8184	0.0920	0.8495	0.8187
73.4	0.8931	0.8274	0.4654	0.5426	0.8344	0.1874	0.8061	0.8164
73.5	0.9123	0.8877	0.5001	0.5942	0.8754	0.2837	0.8628	0.8630
73.6	0.9258	0.9112	0.5502	0.6534	0.8988	0.3817	0.9059	0.8944
73.7	0.9161	0.9006	0.5310	0.6180	0.8878	0.3837	0.8822	0.8588
73.8	0.9409	0.9277	0.5956	0.6678	0.9084	0.5471	0.9052	0.9236
73.9	0.9296	0.9221	0.6344	0.6702	0.9082	0.4623	0.8975	0.8927
74.0	0.9130	0.9007	0.5929	0.6389	0.8843	0.4257	0.8948	0.8548
74.1	0.9139	0.9163	0.5317	0.5661	0.8989	0.4942	0.9056	0.8427
74.2	0.9253	0.9184	0.5211	0.6227	0.9122	0.5656	0.9046	0.8680
74.3	0.9256	0.9234	0.5958	0.6522	0.9121	0.6252	0.9072	0.9113
74.4	0.8956	0.9174	0.5817	0.6077	0.8813	0.5160	0.8912	0.8639
74.5	0.9003	0.8886	0.5229	0.5061	0.8808	0.5166	0.8650	0.8521
74.6	0.8845	0.8554	0.6007	0.5737	0.8806	0.5157	0.8209	0.7916
74.7	0.9158	0.9154	0.6336	0.6798	0.9231	0.6587	0.8885	0.8669
74.8	0.9584	0.9422	0.7118	0.7299	0.9556	0.7521	0.9030	0.9307
74.9	0.9660	0.9483	0.7316	0.7251	0.9608	0.7500	0.8935	0.9271
75.0	0.9504	0.9454	0.6690	0.6629	0.9551	0.6426	0.8982	0.9092
75.1	0.9318	0.9334	0.6726	0.6683	0.9322	0.6681	0.8783	0.8938
75.2	0.9303	0.9225	0.7465	0.7691	0.9476	0.7909	0.8552	0.9166
75.3	0.9492	0.9384	0.7399	0.7794	0.9606	0.7974	0.8767	0.9244
75.4	0.9423	0.9378	0.7184	0.7920	0.9517	0.8142	0.8815	0.9236
75.5	0.9367	0.9403	0.7040	0.7617	0.9419	0.7884	0.8690	0.9207
75.6	0.9455	0.9180	0.7270	0.7532	0.9435	0.7538	0.8450	0.8955
75.7	0.9623	0.9544	0.7841	0.8096	0.9702	0.8254	0.9270	0.9409
75.8	0.9608	0.9539	0.7141	0.7910	0.9602	0.7788	0.9259	0.9266
75.9	0.9549	0.9505	0.5974	0.7309	0.9619	0.7471	0.9063	0.9254
76.0	0.9596	0.9514	0.7215	0.7871	0.9622	0.7964	0.9170	0.9473
76.1	0.9676	0.9546	0.7711	0.8218	0.9666	0.7818	0.9150	0.9493
76.2	0.9645	0.9637	0.7253	0.8088	0.9742	0.7839	0.9392	0.9531
76.3	0.9616	0.9452	0.6825	0.7984	0.9690	0.7972	0.9113	0.9422
76.4	0.9607	0.9247	0.6742	0.7757	0.9634	0.7999	0.8753	0.9314
76.5	0.9656	0.9458	0.7646	0.8507	0.9696	0.8404	0.9169	0.9394
76.6	0.9675	0.9546	0.8144	0.8689	0.9717	0.8765	0.9467	0.9526
76.7	0.9573	0.9443	0.7473	0.8222	0.9712	0.8323	0.9328	0.9566

76.8	0.9556	0.9457	0.7690	0.8699	0.9771	0.8705	0.9396	0.9618
76.9	0.9663	0.9403	0.7513	0.8401	0.9698	0.8846	0.9395	0.9495
77.0	0.9597	0.9425	0.6676	0.7913	0.9736	0.8468	0.9367	0.9478
77.1	0.9567	0.9308	0.6761	0.8019	0.9708	0.8493	0.9249	0.9542
77.2	0.9512	0.9333	0.7548	0.8662	0.9629	0.8975	0.9149	0.9491
77.3	0.9579	0.9549	0.7338	0.8927	0.9693	0.9134	0.9438	0.9638
77.4	0.9657	0.9343	0.7662	0.9050	0.9686	0.9318	0.9383	0.9638
77.5	0.9601	0.9354	0.8061	0.9219	0.9664	0.9449	0.9404	0.9508
77.6	0.9537	0.9399	0.7567	0.8979	0.9691	0.9380	0.9406	0.9440
77.7	0.9608	0.9319	0.7995	0.9007	0.9746	0.9324	0.9487	0.9577
77.8	0.9621	0.9332	0.7897	0.9163	0.9743	0.9460	0.9530	0.9602
77.9	0.9585	0.8858	0.7743	0.9070	0.9640	0.9367	0.9290	0.9491
78.0	0.9453	0.8344	0.7581	0.9076	0.9557	0.9372	0.9104	0.9400
78.1	0.9277	0.8615	0.7513	0.9119	0.9674	0.9448	0.9158	0.9442
78.2	0.9182	0.8348	0.6999	0.8849	0.9575	0.9312	0.9017	0.9320
78.3	0.9373	0.8536	0.7390	0.9168	0.9666	0.9463	0.9159	0.9370
78.4	0.9656	0.8623	0.8379	0.9505	0.9731	0.9580	0.9354	0.9483
78.5	0.9419	0.8249	0.8421	0.9328	0.9696	0.9548	0.9269	0.9433
78.6	0.9328	0.7866	0.8328	0.9265	0.9667	0.9481	0.9312	0.9394
78.7	0.9548	0.7997	0.8697	0.9496	0.9682	0.9663	0.9211	0.9480
78.8	0.9550	0.8042	0.8404	0.9457	0.9594	0.9591	0.9035	0.9442
78.9	0.9577	0.8323	0.8468	0.9431	0.9705	0.9654	0.9243	0.9457
79.0	0.9546	0.6556	0.8790	0.9329	0.9694	0.9548	0.8909	0.9247
79.1	0.9327	0.7936	0.8552	0.9300	0.9686	0.9512	0.8621	0.9125
79.2	0.9425	0.8366	0.8366	0.9462	0.9721	0.9664	0.8787	0.9214
79.3	0.9450	0.8188	0.8299	0.9411	0.9702	0.9644	0.8273	0.9086
79.4	0.9604	0.8520	0.8739	0.9491	0.9773	0.9707	0.8578	0.9433
79.5	0.9544	0.8716	0.8722	0.9520	0.9727	0.9678	0.8245	0.9508
79.6	0.9552	0.8142	0.8671	0.9334	0.9718	0.9642	0.7805	0.9298
79.7	0.9535	0.8516	0.8607	0.9476	0.9755	0.9726	0.7937	0.9264
79.8	0.9506	0.8508	0.8538	0.9478	0.9785	0.9792	0.7797	0.9479
79.9	0.9534	0.8466	0.8503	0.9413	0.9761	0.9773	0.7769	0.9527
80.0	0.9352	0.8317	0.8739	0.9546	0.9800	0.9801	0.6598	0.9408

2.2.10 Run 1 – IP000-200 – Accels 25–32

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9358	0.9882	0.9893	0.9903	0.7658	0.9232	0.9509	0.9509
0.1	0.0099	0.0053	0.0172	0.0729	0.0116	0.0182	0.0054	0.0017
0.2	0.0583	0.0290	0.0269	0.0665	0.0068	0.0034	0.0016	0.0071
0.3	0.0031	0.0037	0.0388	0.0026	0.0554	0.0252	0.0084	0.0002
0.4	0.0007	0.0026	0.0061	0.0474	0.0349	0.0249	0.0111	0.0313
0.5	0.0031	0.0789	0.0173	0.0104	0.0051	0.0090	0.0019	0.0030
0.6	0.0066	0.0999	0.0714	0.0974	0.0392	0.0229	0.0038	0.0182
0.7	0.0939	0.0795	0.0233	0.0061	0.0016	0.0038	0.0033	0.0017
0.8	0.0422	0.1522	0.0015	0.0442	0.0161	0.0112	0.0028	0.0091
0.9	0.0108	0.3326	0.0795	0.0521	0.0036	0.0185	0.0248	0.0202
1.0	0.0125	0.4053	0.1994	0.0390	0.0001	0.0054	0.0225	0.0188
1.1	0.0327	0.8141	0.2579	0.0149	0.0078	0.0121	0.0100	0.0215
1.2	0.0204	0.8967	0.4167	0.0129	0.0310	0.0117	0.0085	0.0336
1.3	0.0143	0.8701	0.3889	0.0227	0.0603	0.0466	0.0252	0.0218
1.4	0.0993	0.9605	0.3887	0.1489	0.2663	0.0514	0.2588	0.0280
1.5	0.3126	0.9819	0.7678	0.1807	0.6265	0.1473	0.4346	0.3678
1.6	0.6342	0.9936	0.8079	0.1105	0.7234	0.0637	0.8149	0.2362
1.7	0.7931	0.9973	0.7580	0.1676	0.9076	0.3125	0.9212	0.5238
1.8	0.9500	0.9992	0.9474	0.6148	0.9801	0.4993	0.9839	0.8630
1.9	0.9821	0.9994	0.9729	0.8602	0.9941	0.8647	0.9946	0.9565
2.0	0.9872	0.9996	0.9853	0.7962	0.9975	0.9075	0.9964	0.9590
2.1	0.9773	0.9967	0.9387	0.6894	0.9926	0.8123	0.9918	0.8696
2.2	0.9244	0.9572	0.8057	0.5103	0.9478	0.4266	0.9459	0.3956
2.3	0.7287	0.7358	0.5809	0.4681	0.7309	0.0537	0.7357	0.2704
2.4	0.9314	0.9827	0.5933	0.6175	0.9794	0.1611	0.9777	0.8070
2.5	0.9324	0.9963	0.4913	0.6369	0.9936	0.2762	0.9935	0.8909
2.6	0.9398	0.9986	0.2462	0.7063	0.9958	0.4388	0.9956	0.9304
2.7	0.9349	0.9995	0.4544	0.6596	0.9978	0.6843	0.9976	0.9764
2.8	0.9157	0.9997	0.7255	0.7514	0.9983	0.7912	0.9984	0.9828
2.9	0.7821	0.9998	0.8097	0.5273	0.9987	0.7587	0.9985	0.9806
3.0	0.4203	0.9998	0.9084	0.4049	0.9986	0.8233	0.9989	0.9797
3.1	0.7002	0.9999	0.9212	0.3682	0.9987	0.8055	0.9986	0.9881
3.2	0.8577	0.9998	0.9307	0.0553	0.9984	0.7739	0.9987	0.9840
3.3	0.8981	0.9998	0.9044	0.0235	0.9974	0.7783	0.9982	0.9765
3.4	0.9220	0.9996	0.8988	0.1616	0.9970	0.6674	0.9970	0.9533
3.5	0.9353	0.9996	0.8695	0.2349	0.9956	0.7120	0.9961	0.9321
3.6	0.9291	0.9995	0.8453	0.2037	0.9935	0.5533	0.9941	0.9313
3.7	0.9573	0.9993	0.8339	0.3697	0.9939	0.5761	0.9929	0.9282
3.8	0.9605	0.9993	0.8166	0.4037	0.9936	0.5937	0.9900	0.9322
3.9	0.9595	0.9991	0.7896	0.4202	0.9914	0.5712	0.9836	0.9424
4.0	0.9612	0.9990	0.7477	0.6012	0.9906	0.6242	0.9827	0.9256
4.1	0.9630	0.9989	0.7539	0.5627	0.9874	0.6174	0.9813	0.9190
4.2	0.9652	0.9987	0.6948	0.5402	0.9829	0.6252	0.9852	0.9230
4.3	0.9728	0.9983	0.7490	0.4895	0.9868	0.6891	0.9804	0.9298
4.4	0.9656	0.9980	0.7806	0.5395	0.9884	0.7077	0.9787	0.9218
4.5	0.9745	0.9990	0.7863	0.7003	0.9866	0.4524	0.9717	0.8931
4.6	0.9745	0.9986	0.7456	0.7125	0.9851	0.4741	0.9671	0.8990
4.7	0.9719	0.9983	0.6543	0.6810	0.9756	0.5624	0.9466	0.8733
4.8	0.9788	0.9978	0.7214	0.7378	0.9698	0.5550	0.9494	0.8784
4.9	0.9665	0.9976	0.7312	0.7724	0.9627	0.5268	0.9321	0.8647
5.0	0.9678	0.9972	0.6901	0.7295	0.9608	0.5651	0.9157	0.8642
5.1	0.9700	0.9972	0.7510	0.7583	0.9599	0.6955	0.9197	0.9191
5.2	0.9838	0.9973	0.7087	0.8059	0.9674	0.7087	0.9438	0.8938
5.3	0.9797	0.9967	0.7695	0.7626	0.9670	0.7183	0.9357	0.8986
5.4	0.9845	0.9962	0.8098	0.7643	0.9730	0.7509	0.9520	0.9168
5.5	0.9861	0.9970	0.8049	0.7560	0.9610	0.7939	0.9444	0.9202
5.6	0.9851	0.9965	0.8060	0.7434	0.9655	0.7712	0.9437	0.8866
5.7	0.9891	0.9966	0.7961	0.8462	0.9668	0.7795	0.9516	0.8876
5.8	0.9910	0.9968	0.7359	0.8228	0.9727	0.7298	0.9559	0.8587
5.9	0.9880	0.9958	0.6312	0.7779	0.9709	0.7020	0.9547	0.8089
6.0	0.9824	0.9948	0.5203	0.7561	0.9722	0.7098	0.9511	0.8279
6.1	0.9875	0.9950	0.5186	0.7456	0.9600	0.7713	0.9576	0.8371
6.2	0.9859	0.9955	0.6847	0.7639	0.9564	0.7772	0.9548	0.8574
6.3	0.9893	0.9962	0.6413	0.8180	0.9742	0.7385	0.9634	0.8508
6.4	0.9859	0.9960	0.7629	0.8510	0.9617	0.6636	0.9535	0.7436
6.5	0.9530	0.9958	0.6515	0.8508	0.9010	0.3809	0.8722	0.5623
6.6	0.9850	0.9960	0.6724	0.8987	0.9573	0.4315	0.9299	0.5647
6.7	0.9824	0.9958	0.5902	0.9170	0.9466	0.4427	0.8937	0.5780
6.8	0.9788	0.9963	0.7875	0.9460	0.9630	0.4881	0.9332	0.6457
6.9	0.9857	0.9977	0.7968	0.9541	0.9690	0.6224	0.9545	0.7635
7.0	0.9907	0.9972	0.8267	0.9516	0.9659	0.5587	0.9700	0.7668
7.1	0.9941	0.9967	0.8129	0.9428	0.9652	0.7727	0.9801	0.9180
7.2	0.9973	0.9966	0.8611	0.9528	0.9732	0.8665	0.9823	0.9458
7.3	0.9976	0.9959	0.8496	0.9658	0.9601	0.9231	0.9815	0.9550
7.4	0.9983	0.9919	0.8825	0.9614	0.9055	0.9118	0.9420	0.9222
7.5	0.9974	0.9826	0.6079	0.9693	0.6830	0.7002	0.7292	0.5935
7.6	0.9973	0.9854	0.6592	0.9768	0.7199	0.5607	0.6838	0.2055
7.7	0.9976	0.9922	0.5386	0.9787	0.6939	0.4945	0.7134	0.0989
7.8	0.9982	0.9945	0.6772	0.9831	0.7359	0.5277	0.7156	0.0075
7.9	0.9979	0.9942	0.7334	0.9801	0.6954	0.2888	0.7057	0.0012

8.0	0.9978	0.9936	0.7589	0.9880	0.8666	0.7759	0.8447	0.4631
8.1	0.9972	0.9930	0.5757	0.9835	0.8455	0.1905	0.8283	0.3335
8.2	0.9976	0.9954	0.7302	0.9883	0.8957	0.0327	0.8808	0.2018
8.3	0.9981	0.9969	0.6475	0.9891	0.9348	0.0216	0.9206	0.3106
8.4	0.9976	0.9963	0.7313	0.9899	0.9436	0.0590	0.9285	0.4533
8.5	0.9976	0.9972	0.7847	0.9948	0.9673	0.0558	0.9545	0.4042
8.6	0.9973	0.9971	0.7720	0.9943	0.9712	0.3291	0.9604	0.4970
8.7	0.9982	0.9979	0.7738	0.9955	0.9735	0.1994	0.9597	0.2860
8.8	0.9985	0.9982	0.8550	0.9969	0.9866	0.5799	0.9752	0.4850
8.9	0.9980	0.9978	0.8525	0.9966	0.9873	0.8121	0.9803	0.7249
9.0	0.9968	0.9974	0.6058	0.9956	0.9893	0.8334	0.9877	0.8733
9.1	0.9958	0.9959	0.8378	0.9953	0.9871	0.8739	0.9831	0.8997
9.2	0.9957	0.9957	0.9414	0.9944	0.9908	0.8035	0.9864	0.6531
9.3	0.9970	0.9970	0.9565	0.9963	0.9948	0.6452	0.9938	0.5490
9.4	0.9979	0.9973	0.9655	0.9975	0.9956	0.7090	0.9942	0.3897
9.5	0.9983	0.9973	0.9526	0.9983	0.9966	0.2932	0.9955	0.1357
9.6	0.9980	0.9948	0.9019	0.9978	0.9929	0.0089	0.9913	0.3940
9.7	0.9988	0.9949	0.9041	0.9985	0.9936	0.2475	0.9910	0.3930
9.8	0.9983	0.9934	0.8950	0.9977	0.9901	0.4514	0.9878	0.5158
9.9	0.9987	0.9896	0.8554	0.9975	0.9854	0.3624	0.9807	0.4578
10.0	0.9986	0.9800	0.5651	0.9977	0.9559	0.2227	0.9603	0.1854
10.1	0.9982	0.9795	0.7144	0.9970	0.9514	0.2338	0.9336	0.0686
10.2	0.9986	0.9606	0.6911	0.9973	0.9485	0.5199	0.9164	0.3259
10.3	0.9987	0.9465	0.3142	0.9970	0.9156	0.6121	0.8783	0.5022
10.4	0.9989	0.9317	0.3590	0.9973	0.9262	0.5862	0.8883	0.3945
10.5	0.9988	0.8997	0.3143	0.9964	0.9116	0.1366	0.8876	0.0075
10.6	0.9973	0.8481	0.2706	0.9932	0.8819	0.0742	0.8311	0.1110
10.7	0.9985	0.8889	0.2086	0.9972	0.9320	0.2890	0.8719	0.1736
10.8	0.9983	0.9189	0.1143	0.9967	0.9513	0.3487	0.9089	0.3452
10.9	0.9972	0.9318	0.0493	0.9955	0.9265	0.3990	0.9242	0.1284
11.0	0.9979	0.9389	0.1354	0.9941	0.9231	0.2329	0.9289	0.1365
11.1	0.9977	0.9610	0.1687	0.9959	0.9146	0.3388	0.9157	0.1138
11.2	0.9981	0.9750	0.3727	0.9958	0.9286	0.3347	0.9257	0.2256
11.3	0.9975	0.9775	0.4971	0.9944	0.9222	0.2100	0.9426	0.1608
11.4	0.9977	0.9810	0.6429	0.9946	0.9021	0.0827	0.9537	0.1193
11.5	0.9972	0.9840	0.7255	0.9943	0.9462	0.0088	0.9536	0.0737
11.6	0.9966	0.9820	0.7257	0.9930	0.9678	0.0758	0.9418	0.0089
11.7	0.9953	0.9873	0.6981	0.9939	0.9585	0.1377	0.9529	0.0041
11.8	0.9957	0.9877	0.7191	0.9918	0.9707	0.1545	0.9528	0.0008
11.9	0.9942	0.9877	0.6714	0.9932	0.9641	0.1467	0.9556	0.0046
12.0	0.9925	0.9878	0.6970	0.9903	0.9689	0.2200	0.9466	0.0172
12.1	0.9928	0.9893	0.6919	0.9895	0.9726	0.3793	0.9526	0.0088
12.2	0.9886	0.9866	0.7526	0.9860	0.9538	0.3116	0.9315	0.0052
12.3	0.9844	0.9843	0.7890	0.9857	0.9597	0.3952	0.9354	0.0413
12.4	0.9813	0.9861	0.8538	0.9844	0.9578	0.5804	0.9467	0.1439
12.5	0.9806	0.9872	0.9007	0.9825	0.9549	0.5931	0.9454	0.2390
12.6	0.9800	0.9873	0.9170	0.9835	0.9666	0.7605	0.9556	0.3882
12.7	0.9732	0.9841	0.9265	0.9811	0.9610	0.7798	0.9532	0.3849
12.8	0.9487	0.9676	0.8752	0.9648	0.9425	0.6987	0.9330	0.2852
12.9	0.8998	0.9302	0.8268	0.9253	0.8928	0.6872	0.9057	0.3780
13.0	0.9009	0.9275	0.8791	0.9235	0.8953	0.8308	0.8913	0.6906
13.1	0.8955	0.9169	0.8874	0.9167	0.8792	0.8827	0.8939	0.7982
13.2	0.9045	0.9391	0.9325	0.9383	0.8882	0.9307	0.9151	0.9037
13.3	0.9148	0.9512	0.9564	0.9503	0.9046	0.9602	0.9347	0.9460
13.4	0.9202	0.9529	0.9713	0.9543	0.8646	0.9721	0.9314	0.9642
13.5	0.8913	0.9660	0.9782	0.9661	0.8456	0.9692	0.9556	0.9543
13.6	0.7572	0.9711	0.9772	0.9670	0.7241	0.9718	0.9430	0.9575
13.7	0.4661	0.9758	0.9726	0.9726	0.8225	0.9643	0.9366	0.9448
13.8	0.6608	0.9789	0.9803	0.9790	0.9229	0.9703	0.9363	0.9587
13.9	0.8281	0.9798	0.9796	0.9795	0.9475	0.9646	0.8889	0.9455
14.0	0.9181	0.9771	0.9823	0.9806	0.9670	0.9775	0.8784	0.9660
14.1	0.9445	0.9773	0.9880	0.9783	0.9719	0.9725	0.8696	0.9578
14.2	0.9555	0.9684	0.9902	0.9725	0.9763	0.9701	0.7685	0.9419
14.3	0.9448	0.9479	0.9891	0.9511	0.9616	0.9602	0.5778	0.9306
14.4	0.9349	0.8971	0.9824	0.9030	0.9471	0.9577	0.4041	0.9293
14.5	0.9455	0.8671	0.9855	0.8875	0.9458	0.9639	0.2279	0.9180
14.6	0.9472	0.7372	0.9782	0.8190	0.9112	0.9529	0.0754	0.8908
14.7	0.9525	0.5477	0.9746	0.6732	0.8286	0.9557	0.0224	0.9043
14.8	0.9484	0.2342	0.9764	0.6920	0.7470	0.9228	0.0811	0.8553
14.9	0.9358	0.0024	0.9759	0.6543	0.6059	0.9061	0.2027	0.8331
15.0	0.9217	0.1632	0.9765	0.5517	0.5066	0.8685	0.1978	0.7677
15.1	0.8699	0.4558	0.9793	0.5041	0.3356	0.8270	0.1631	0.7037
15.2	0.8400	0.5709	0.9791	0.3522	0.1584	0.7487	0.2602	0.5297
15.3	0.7395	0.6924	0.9642	0.2866	0.0348	0.5965	0.2083	0.3241
15.4	0.7856	0.7166	0.9583	0.4364	0.1426	0.6354	0.2547	0.4516
15.5	0.8587	0.7982	0.9669	0.5822	0.2909	0.7256	0.3957	0.5293
15.6	0.8748	0.8693	0.9700	0.6764	0.3756	0.7020	0.4335	0.4730
15.7	0.9089	0.8772	0.9712	0.7578	0.4558	0.7790	0.5216	0.6212
15.8	0.9095	0.8747	0.9574	0.7669	0.5577	0.8482	0.5750	0.6853
15.9	0.9077	0.8631	0.9515	0.7780	0.6251	0.8352	0.6694	0.6748
16.0	0.9197	0.8805	0.9530	0.8281	0.5950	0.8206	0.7052	0.6543
16.1	0.9092	0.8795	0.9434	0.8564	0.6818	0.8521	0.7854	0.7256
16.2	0.9184	0.9031	0.9421	0.8867	0.7937	0.8425	0.8526	0.7192
16.3	0.9168	0.8975	0.9459	0.8827	0.7189	0.8510	0.8042	0.7342
16.4	0.9320	0.9154	0.9591	0.8955	0.7917	0.9008	0.8561	0.8205
16.5	0.9456	0.9313	0.9610	0.9146	0.8207	0.9068	0.9012	0.8398

16.6	0.9220	0.9004	0.9435	0.8728	0.8058	0.8698	0.8700	0.8251
16.7	0.9402	0.9179	0.9538	0.8984	0.8629	0.9213	0.9031	0.9141
16.8	0.9091	0.8990	0.9278	0.8752	0.7885	0.8368	0.8720	0.7711
16.9	0.8387	0.8262	0.8653	0.7974	0.6867	0.8042	0.7300	0.8073
17.0	0.8505	0.8299	0.8607	0.8161	0.6437	0.7975	0.7583	0.7403
17.1	0.8380	0.8189	0.8384	0.8012	0.7242	0.8107	0.7852	0.8010
17.2	0.8095	0.7835	0.8033	0.7718	0.7906	0.7915	0.7683	0.7727
17.3	0.8465	0.8277	0.8297	0.8269	0.5843	0.7917	0.7646	0.7738
17.4	0.8470	0.8249	0.8233	0.8244	0.2870	0.7931	0.7913	0.7866
17.5	0.8684	0.8392	0.8355	0.8455	0.7787	0.8448	0.8269	0.3533
17.6	0.9100	0.8988	0.8953	0.9005	0.8526	0.8847	0.8827	0.7865
17.7	0.9287	0.9199	0.9133	0.9223	0.8728	0.8923	0.9119	0.7228
17.8	0.9274	0.9177	0.9068	0.9241	0.8586	0.8735	0.9073	0.2804
17.9	0.9364	0.9322	0.9168	0.9327	0.8865	0.9037	0.8965	0.0348
18.0	0.9446	0.9404	0.9295	0.9442	0.8011	0.9040	0.8807	0.1565
18.1	0.9566	0.9521	0.9430	0.9530	0.8359	0.9310	0.8935	0.3580
18.2	0.9674	0.9590	0.9509	0.9614	0.8348	0.9408	0.9101	0.5658
18.3	0.9668	0.9587	0.9505	0.9568	0.8076	0.9383	0.9059	0.4602
18.4	0.9742	0.9712	0.9634	0.9721	0.8421	0.9450	0.9356	0.4585
18.5	0.9743	0.9711	0.9653	0.9682	0.8197	0.9446	0.9065	0.1284
18.6	0.9588	0.9687	0.9575	0.9503	0.7172	0.9146	0.8633	0.4295
18.7	0.9575	0.9678	0.9467	0.9693	0.2260	0.8845	0.8570	0.6010
18.8	0.9661	0.9674	0.9515	0.9658	0.6769	0.9054	0.7717	0.6271
18.9	0.9625	0.9592	0.9457	0.9551	0.7122	0.9056	0.7950	0.5270
19.0	0.9690	0.9675	0.9626	0.9646	0.7573	0.9017	0.8856	0.4520
19.1	0.9692	0.9642	0.9568	0.9648	0.7969	0.8729	0.8939	0.2669
19.2	0.9749	0.9748	0.9702	0.9735	0.8033	0.8894	0.9049	0.2868
19.3	0.9805	0.9742	0.9668	0.9740	0.8615	0.9000	0.9210	0.1975
19.4	0.9755	0.9698	0.9610	0.9688	0.8231	0.8317	0.8823	0.0747
19.5	0.9712	0.9589	0.9600	0.9576	0.8278	0.8062	0.8719	0.0001
19.6	0.9695	0.9581	0.9554	0.9544	0.8123	0.8499	0.8615	0.0535
19.7	0.9657	0.9549	0.9604	0.9511	0.7974	0.7795	0.8291	0.1805
19.8	0.9710	0.9625	0.9676	0.9487	0.8557	0.7772	0.8737	0.1912
19.9	0.9674	0.9418	0.9553	0.9364	0.8008	0.7813	0.8711	0.3491
20.0	0.9652	0.9172	0.9468	0.9294	0.7216	0.6801	0.8458	0.3450
20.1	0.9635	0.9239	0.9577	0.9172	0.7276	0.7790	0.8664	0.3123
20.2	0.9693	0.9215	0.9640	0.9196	0.7683	0.8183	0.8663	0.2315
20.3	0.9631	0.8294	0.9400	0.8867	0.6983	0.7071	0.8244	0.0849
20.4	0.9662	0.8035	0.9430	0.9168	0.6517	0.7276	0.7968	0.1679
20.5	0.9506	0.7468	0.9426	0.9043	0.6332	0.5706	0.7419	0.1214
20.6	0.9615	0.7110	0.9505	0.8991	0.7403	0.5037	0.7578	0.1293
20.7	0.9734	0.5410	0.9508	0.8908	0.6763	0.6182	0.7935	0.2424
20.8	0.9654	0.4788	0.9513	0.8194	0.5914	0.6262	0.7668	0.2373
20.9	0.9434	0.3729	0.9487	0.8030	0.5029	0.6517	0.7761	0.3819
21.0	0.9279	0.2278	0.9276	0.7390	0.3349	0.6520	0.6870	0.3267
21.1	0.9346	0.1899	0.9187	0.7628	0.2334	0.6156	0.6715	0.2329
21.2	0.9287	0.3725	0.9215	0.6678	0.1776	0.6097	0.6628	0.3106
21.3	0.9317	0.3540	0.9334	0.6514	0.2645	0.6431	0.7250	0.2735
21.4	0.9125	0.3490	0.8870	0.4180	0.2121	0.6443	0.5716	0.3510
21.5	0.9366	0.3788	0.8956	0.4396	0.0956	0.6318	0.5317	0.3510
21.6	0.9416	0.5541	0.9244	0.4229	0.1057	0.6588	0.5951	0.2738
21.7	0.9423	0.5880	0.8998	0.4502	0.1093	0.5258	0.4461	0.1955
21.8	0.9307	0.4998	0.8410	0.3165	0.0349	0.4504	0.2295	0.0901
21.9	0.9448	0.5338	0.8567	0.3258	0.0219	0.2627	0.2036	0.0560
22.0	0.9249	0.5002	0.8048	0.3925	0.0034	0.1542	0.2714	0.0176
22.1	0.9054	0.4681	0.7606	0.4318	0.0030	0.1481	0.3159	0.0187
22.2	0.9014	0.6005	0.8371	0.3600	0.0245	0.0934	0.2152	0.0273
22.3	0.8434	0.5533	0.8570	0.4239	0.0686	0.1649	0.2436	0.0740
22.4	0.7001	0.3873	0.8272	0.3072	0.0328	0.1024	0.1515	0.0641
22.5	0.4861	0.3852	0.6908	0.1391	0.0710	0.0099	0.0526	0.0024
22.6	0.7993	0.4738	0.7835	0.2738	0.0853	0.0369	0.1090	0.0294
22.7	0.8881	0.3654	0.7812	0.3377	0.0949	0.0658	0.1361	0.0731
22.8	0.8683	0.3562	0.7086	0.2913	0.0559	0.1310	0.2357	0.0198
22.9	0.8884	0.3325	0.6853	0.3676	0.0098	0.0791	0.2568	0.0432
23.0	0.8647	0.2616	0.7117	0.2029	0.0452	0.2108	0.1350	0.1286
23.1	0.8287	0.2265	0.7247	0.1850	0.0181	0.1517	0.0310	0.1453
23.2	0.8893	0.2343	0.7355	0.1853	0.0679	0.0043	0.0515	0.0457
23.3	0.8425	0.2432	0.7249	0.1400	0.0429	0.0572	0.0386	0.0617
23.4	0.8926	0.2050	0.7086	0.2622	0.0090	0.0289	0.0815	0.0773
23.5	0.9046	0.2654	0.7798	0.3272	0.0180	0.0346	0.0832	0.0356
23.6	0.9098	0.2611	0.8314	0.3166	0.0029	0.0359	0.1012	0.0499
23.7	0.9025	0.2017	0.8127	0.1948	0.0090	0.0190	0.0971	0.0810
23.8	0.8504	0.0085	0.8074	0.1778	0.0180	0.0207	0.0205	0.0039
23.9	0.8089	0.0575	0.7696	0.1312	0.0363	0.0196	0.0398	0.0349
24.0	0.8460	0.0291	0.8133	0.2353	0.0083	0.0351	0.1346	0.0255
24.1	0.7371	0.1385	0.8340	0.1186	0.0194	0.0643	0.1796	0.0183
24.2	0.8100	0.1376	0.7946	0.0575	0.0702	0.0819	0.0653	0.0110
24.3	0.7657	0.2592	0.8170	0.0088	0.0160	0.0009	0.0182	0.0304
24.4	0.8029	0.2588	0.8561	0.0129	0.1391	0.0559	0.1527	0.0316
24.5	0.8446	0.4653	0.8938	0.0368	0.1602	0.0046	0.0908	0.0190
24.6	0.7773	0.5297	0.8651	0.0786	0.1411	0.0070	0.0444	0.0538
24.7	0.7345	0.4862	0.8204	0.0398	0.1869	0.0367	0.0838	0.0808
24.8	0.7348	0.5288	0.8210	0.0568	0.0549	0.0099	0.0607	0.0375
24.9	0.7218	0.5898	0.8261	0.0778	0.0348	0.0049	0.0483	0.0135
25.0	0.6077	0.5969	0.8015	0.0111	0.0551	0.0215	0.0375	0.0391
25.1	0.5756	0.6573	0.7807	0.0379	0.0880	0.0335	0.0939	0.0254

25.2	0.5713	0.7329	0.7529	0.0645	0.0426	0.0275	0.1352	0.0016
25.3	0.5787	0.7230	0.7437	0.0336	0.1191	0.0136	0.0330	0.0009
25.4	0.5656	0.7014	0.7348	0.0282	0.1119	0.0126	0.0400	0.0421
25.5	0.6135	0.6878	0.7243	0.0453	0.0594	0.0707	0.2179	0.0061
25.6	0.4185	0.7262	0.7481	0.0211	0.0836	0.0800	0.1444	0.0020
25.7	0.4874	0.7497	0.6642	0.0123	0.0245	0.1224	0.2234	0.0200
25.8	0.4636	0.8038	0.7199	0.0355	0.1245	0.1519	0.2093	0.0250
25.9	0.4871	0.8569	0.7335	0.1010	0.1331	0.0962	0.1246	0.0384
26.0	0.4719	0.8096	0.6526	0.1648	0.0212	0.0233	0.2473	0.0090
26.1	0.3935	0.8102	0.5908	0.0388	0.0171	0.0330	0.2115	0.0556
26.2	0.3378	0.7753	0.5930	0.0547	0.0353	0.1187	0.0947	0.0350
26.3	0.3827	0.8148	0.6699	0.0158	0.0954	0.1399	0.2243	0.0636
26.4	0.4514	0.8370	0.6327	0.0050	0.1347	0.1078	0.2118	0.1112
26.5	0.4552	0.8333	0.4802	0.0138	0.0528	0.0922	0.1524	0.0397
26.6	0.5497	0.8607	0.6126	0.0250	0.0819	0.1138	0.2018	0.0349
26.7	0.4809	0.8822	0.5653	0.0140	0.0718	0.0832	0.1278	0.0268
26.8	0.4221	0.8700	0.5359	0.0093	0.0114	0.0358	0.0549	0.0122
26.9	0.4836	0.8999	0.4543	0.1004	0.0091	0.1396	0.0711	0.0021
27.0	0.5281	0.9306	0.5622	0.1289	0.0001	0.0819	0.1683	0.1189
27.1	0.5073	0.9007	0.5320	0.1747	0.0010	0.0931	0.1977	0.0783
27.2	0.3466	0.8840	0.4008	0.0227	0.0405	0.0269	0.1340	0.0562
27.3	0.3387	0.9140	0.3786	0.0791	0.0018	0.0888	0.0630	0.0556
27.4	0.4416	0.9137	0.2109	0.1131	0.0153	0.0518	0.1000	0.0783
27.5	0.4325	0.8968	0.0867	0.0917	0.0960	0.0875	0.0345	0.0836
27.6	0.3466	0.8901	0.0174	0.1424	0.0027	0.0021	0.0282	0.0448
27.7	0.3245	0.8806	0.0445	0.0313	0.0086	0.0480	0.0916	0.0584
27.8	0.3871	0.9194	0.1360	0.0422	0.0085	0.0532	0.1709	0.1145
27.9	0.4110	0.9317	0.1839	0.2259	0.0136	0.0450	0.1234	0.0927
28.0	0.3312	0.9318	0.1689	0.1041	0.0081	0.0507	0.1706	0.1644
28.1	0.2849	0.9106	0.0963	0.1302	0.0353	0.0957	0.0755	0.1047
28.2	0.4679	0.9246	0.3127	0.2424	0.0456	0.0262	0.1057	0.0467
28.3	0.4980	0.9237	0.3613	0.1105	0.0508	0.0178	0.0570	0.1679
28.4	0.3972	0.9186	0.2949	0.1255	0.0205	0.1480	0.1611	0.0897
28.5	0.3029	0.9174	0.2657	0.0323	0.0128	0.0501	0.0696	0.1079
28.6	0.3572	0.9325	0.2937	0.1150	0.0185	0.1528	0.0342	0.0482
28.7	0.4143	0.9492	0.4044	0.0940	0.0291	0.1705	0.0777	0.1017
28.8	0.5065	0.9398	0.4991	0.1018	0.0833	0.1165	0.1264	0.0641
28.9	0.5768	0.9544	0.4708	0.1598	0.1367	0.1811	0.2346	0.0081
29.0	0.6385	0.9574	0.4564	0.2423	0.2520	0.2914	0.1762	0.0797
29.1	0.6321	0.9544	0.4594	0.3066	0.3555	0.2830	0.2473	0.1760
29.2	0.5685	0.9501	0.3190	0.2561	0.2571	0.2496	0.3114	0.0399
29.3	0.6438	0.9499	0.3897	0.2220	0.3197	0.2917	0.3099	0.0141
29.4	0.6276	0.9492	0.3463	0.4510	0.3223	0.3891	0.2810	0.0703
29.5	0.5807	0.9577	0.2753	0.4364	0.3599	0.3639	0.1937	0.0831
29.6	0.5795	0.9493	0.2439	0.4348	0.2147	0.1888	0.0922	0.0426
29.7	0.5582	0.9229	0.3405	0.4323	0.0841	0.2153	0.1508	0.0443
29.8	0.6064	0.9140	0.2372	0.3465	0.0698	0.2238	0.0517	0.0220
29.9	0.1231	0.7906	0.1471	0.1714	0.0175	0.0178	0.0296	0.0062
30.0	0.3963	0.9189	0.2246	0.4586	0.0872	0.1781	0.1234	0.0140
30.1	0.5715	0.9548	0.1388	0.5668	0.2221	0.2846	0.1530	0.0134
30.2	0.6133	0.9607	0.1619	0.6557	0.4152	0.4317	0.2497	0.0114
30.3	0.5664	0.9491	0.1885	0.5787	0.3968	0.4486	0.1648	0.0534
30.4	0.6083	0.9540	0.1842	0.6464	0.5587	0.4997	0.1364	0.0012
30.5	0.5987	0.9612	0.2354	0.7072	0.5833	0.6750	0.2297	0.0278
30.6	0.6353	0.9521	0.1793	0.6462	0.6120	0.6545	0.2734	0.0041
30.7	0.6086	0.9615	0.1045	0.6996	0.7721	0.6709	0.1943	0.0690
30.8	0.5359	0.9542	0.0821	0.6977	0.6510	0.7970	0.2284	0.0780
30.9	0.5805	0.9475	0.1520	0.5974	0.5875	0.6598	0.2324	0.0779
31.0	0.6195	0.9619	0.1191	0.7559	0.6548	0.7197	0.3048	0.1116
31.1	0.5463	0.9638	0.0538	0.7620	0.5715	0.7311	0.3303	0.1395
31.2	0.4609	0.9584	0.0681	0.7827	0.4561	0.7489	0.1742	0.1251
31.3	0.4927	0.9533	0.0780	0.7282	0.4468	0.7947	0.2096	0.1084
31.4	0.3659	0.9454	0.0830	0.6845	0.4027	0.7604	0.2279	0.1160
31.5	0.2928	0.9501	0.0383	0.7583	0.2920	0.6877	0.3219	0.0731
31.6	0.2246	0.9591	0.1206	0.8028	0.3192	0.7303	0.4164	0.1957
31.7	0.1103	0.9552	0.1620	0.7667	0.2873	0.7041	0.3657	0.0693
31.8	0.1841	0.9613	0.0575	0.7945	0.2851	0.7272	0.3887	0.0091
31.9	0.1914	0.9644	0.0404	0.7939	0.3008	0.7094	0.3951	0.0003
32.0	0.0783	0.9562	0.0913	0.7498	0.0833	0.6111	0.3576	0.0136
32.1	0.0562	0.9459	0.0834	0.7845	0.0443	0.6459	0.3665	0.0276
32.2	0.0090	0.9349	0.1487	0.6968	0.0646	0.7294	0.3918	0.0623
32.3	0.1372	0.9371	0.0202	0.7263	0.1728	0.6584	0.2798	0.1538
32.4	0.2369	0.9678	0.0494	0.8716	0.2603	0.7115	0.5026	0.2247
32.5	0.0659	0.9634	0.1701	0.8460	0.1799	0.7156	0.5492	0.2152
32.6	0.0339	0.9714	0.2306	0.8631	0.1426	0.7469	0.6330	0.1785
32.7	0.0958	0.9640	0.1082	0.8697	0.2035	0.6344	0.6227	0.0628
32.8	0.1513	0.9654	0.0671	0.8552	0.2016	0.6437	0.6556	0.1183
32.9	0.1543	0.9653	0.1088	0.8739	0.3332	0.6505	0.6737	0.1272
33.0	0.2469	0.9705	0.0778	0.8947	0.3013	0.5471	0.5713	0.0897
33.1	0.3001	0.9753	0.0689	0.8937	0.3412	0.4814	0.5191	0.0893
33.2	0.2913	0.9781	0.1674	0.9157	0.2130	0.5996	0.6229	0.1016
33.3	0.3745	0.9718	0.0828	0.8991	0.2500	0.4661	0.6364	0.0631
33.4	0.2905	0.9686	0.0800	0.8871	0.3650	0.3493	0.6731	0.1275
33.5	0.3324	0.9751	0.1289	0.9038	0.2773	0.4168	0.6965	0.1713
33.6	0.3403	0.9555	0.0644	0.8186	0.2407	0.3924	0.6353	0.1460
33.7	0.2373	0.9434	0.1161	0.8375	0.2600	0.4156	0.5152	0.1861

33.8	0.3422	0.9564	0.0868	0.8597	0.4698	0.5957	0.6639	0.2994
33.9	0.1805	0.9566	0.1479	0.8769	0.4467	0.5962	0.5882	0.3329
34.0	0.0535	0.9739	0.2603	0.9256	0.5016	0.7206	0.6887	0.4413
34.1	0.1509	0.9772	0.1317	0.9146	0.6373	0.7589	0.7276	0.5697
34.2	0.0699	0.9725	0.2107	0.9035	0.6776	0.7883	0.7244	0.5665
34.3	0.0951	0.9680	0.3241	0.9107	0.7547	0.8569	0.8455	0.5715
34.4	0.0972	0.9784	0.3604	0.9223	0.8008	0.8660	0.8613	0.6682
34.5	0.1150	0.9811	0.2815	0.9407	0.7621	0.8680	0.8605	0.6347
34.6	0.1373	0.9779	0.2794	0.9394	0.7477	0.8318	0.8031	0.6400
34.7	0.2407	0.9842	0.4163	0.9539	0.8515	0.8611	0.7988	0.7955
34.8	0.3086	0.9818	0.5003	0.9555	0.8599	0.8585	0.7821	0.7905
34.9	0.4481	0.9851	0.5553	0.9586	0.9019	0.8693	0.7432	0.7941
35.0	0.5600	0.9873	0.5847	0.9684	0.8965	0.8539	0.7214	0.8138
35.1	0.7033	0.9872	0.6967	0.9689	0.8983	0.8622	0.7778	0.8457
35.2	0.6359	0.9805	0.6318	0.9530	0.8770	0.7899	0.6851	0.8041
35.3	0.6837	0.9861	0.6593	0.9653	0.9185	0.7979	0.7227	0.8486
35.4	0.7465	0.9853	0.6845	0.9697	0.9096	0.8119	0.6965	0.8651
35.5	0.6704	0.9753	0.5571	0.9470	0.8898	0.7449	0.5602	0.8033
35.6	0.7088	0.9836	0.6213	0.9536	0.9236	0.7407	0.6774	0.8355
35.7	0.7292	0.9860	0.6254	0.9621	0.9328	0.7899	0.7445	0.8481
35.8	0.8091	0.9898	0.6676	0.9711	0.9416	0.7993	0.7709	0.8938
35.9	0.7763	0.9909	0.6423	0.9730	0.9397	0.7806	0.7348	0.8713
36.0	0.7369	0.9858	0.5646	0.9596	0.9231	0.7644	0.7412	0.8635
36.1	0.8025	0.9912	0.6822	0.9762	0.9496	0.8617	0.7851	0.9045
36.2	0.8470	0.9933	0.7571	0.9828	0.9391	0.8867	0.8550	0.9170
36.3	0.8019	0.9898	0.6415	0.9714	0.8812	0.8631	0.8422	0.8843
36.4	0.7911	0.9879	0.6209	0.9633	0.8682	0.8580	0.8499	0.8837
36.5	0.8406	0.9931	0.6801	0.9803	0.8928	0.8403	0.8674	0.9065
36.6	0.8462	0.9868	0.7187	0.9647	0.8629	0.8156	0.8736	0.8939
36.7	0.8973	0.9897	0.8232	0.9711	0.8705	0.8246	0.9103	0.8975
36.8	0.8977	0.9922	0.8051	0.9762	0.8421	0.8295	0.8797	0.8853
36.9	0.8813	0.9870	0.7861	0.9707	0.7840	0.8359	0.8800	0.8818
37.0	0.9191	0.9898	0.8484	0.9782	0.7858	0.8281	0.8935	0.8850
37.1	0.9088	0.9892	0.8137	0.9699	0.7640	0.8113	0.8882	0.8887
37.2	0.8948	0.9873	0.8238	0.9675	0.7039	0.8568	0.8588	0.8666
37.3	0.9050	0.9848	0.8328	0.9602	0.6021	0.8897	0.8500	0.8529
37.4	0.8632	0.9815	0.8345	0.9391	0.4472	0.8956	0.8839	0.7137
37.5	0.9102	0.9894	0.8856	0.9701	0.5822	0.9394	0.9180	0.8312
37.6	0.9061	0.9908	0.8997	0.9716	0.6235	0.9549	0.9149	0.8657
37.7	0.9209	0.9928	0.8837	0.9764	0.6884	0.9559	0.9177	0.9047
37.8	0.9017	0.9919	0.8398	0.9752	0.5273	0.9567	0.9217	0.8886
37.9	0.9286	0.9917	0.8758	0.9751	0.4485	0.9422	0.9236	0.8319
38.0	0.8918	0.9918	0.8770	0.9698	0.2480	0.9315	0.8966	0.7925
38.1	0.8845	0.9928	0.8822	0.9746	0.2577	0.9645	0.8921	0.8181
38.2	0.9031	0.9930	0.8655	0.9760	0.2326	0.9717	0.9041	0.8570
38.3	0.8824	0.9928	0.8474	0.9729	0.1425	0.9689	0.9405	0.8607
38.4	0.8942	0.9941	0.8541	0.9768	0.3490	0.9709	0.9444	0.8858
38.5	0.8963	0.9924	0.8201	0.9746	0.3707	0.9715	0.9355	0.8662
38.6	0.8973	0.9950	0.8351	0.9789	0.6091	0.9761	0.9593	0.8942
38.7	0.8746	0.9955	0.8205	0.9782	0.5459	0.9751	0.9450	0.8813
38.8	0.8405	0.9935	0.7564	0.9672	0.5441	0.9728	0.9013	0.8436
38.9	0.8336	0.9936	0.8064	0.9754	0.6614	0.9808	0.9386	0.8406
39.0	0.7984	0.9944	0.8112	0.9786	0.6375	0.9707	0.9165	0.8255
39.1	0.8217	0.9947	0.8593	0.9808	0.6748	0.9761	0.9233	0.8881
39.2	0.7764	0.9919	0.7730	0.9742	0.6353	0.9739	0.8853	0.8138
39.3	0.7300	0.9928	0.7942	0.9783	0.6255	0.9753	0.9226	0.7940
39.4	0.6479	0.9922	0.8662	0.9793	0.6342	0.9728	0.8933	0.8207
39.5	0.4820	0.9931	0.8220	0.9812	0.7026	0.9701	0.8978	0.7880
39.6	0.2478	0.9935	0.7977	0.9797	0.7197	0.9766	0.9393	0.8370
39.7	0.1689	0.9945	0.8231	0.9824	0.7873	0.9789	0.9107	0.8546
39.8	0.2701	0.9934	0.8748	0.9838	0.7630	0.9698	0.9146	0.8406
39.9	0.1659	0.9927	0.8563	0.9831	0.7257	0.9729	0.9027	0.7929
40.0	0.3031	0.9921	0.8507	0.9793	0.6627	0.9679	0.9151	0.7799
40.1	0.5392	0.9932	0.8745	0.9809	0.7899	0.9608	0.9452	0.8171
40.2	0.6320	0.9887	0.7888	0.9759	0.6827	0.9506	0.9130	0.7905
40.3	0.7460	0.9928	0.8373	0.9850	0.7648	0.9714	0.9445	0.8162
40.4	0.7408	0.9910	0.8168	0.9813	0.8287	0.9601	0.9493	0.8092
40.5	0.6960	0.9900	0.8781	0.9808	0.8306	0.9487	0.9453	0.8237
40.6	0.7137	0.9862	0.8719	0.9702	0.7962	0.9348	0.9480	0.7881
40.7	0.7724	0.9873	0.8786	0.9702	0.8229	0.9252	0.9403	0.7586
40.8	0.8003	0.9912	0.9131	0.9775	0.8651	0.9321	0.9641	0.8209
40.9	0.7597	0.9901	0.8873	0.9762	0.8816	0.9335	0.9683	0.8170
41.0	0.7223	0.9903	0.8614	0.9740	0.8370	0.9101	0.9476	0.7816
41.1	0.8115	0.9915	0.8862	0.9754	0.8974	0.9425	0.9611	0.8227
41.2	0.8026	0.9919	0.8980	0.9792	0.8934	0.9478	0.9585	0.8629
41.3	0.7551	0.9899	0.8871	0.9727	0.8925	0.9075	0.9478	0.8277
41.4	0.7100	0.9904	0.8914	0.9701	0.8746	0.8873	0.9456	0.7704
41.5	0.6151	0.9846	0.8856	0.9562	0.8595	0.9008	0.9384	0.7089
41.6	0.7644	0.9911	0.9195	0.9714	0.9171	0.9231	0.9615	0.7991
41.7	0.7037	0.9924	0.9277	0.9698	0.9363	0.9310	0.9620	0.8638
41.8	0.7110	0.9928	0.9129	0.9736	0.9467	0.9139	0.9675	0.8247
41.9	0.7287	0.9931	0.9359	0.9719	0.9438	0.9322	0.9542	0.8096
42.0	0.6947	0.9911	0.9459	0.9631	0.9465	0.9120	0.9384	0.7730
42.1	0.5549	0.9920	0.9283	0.9577	0.9485	0.9177	0.9485	0.7949
42.2	0.7047	0.9915	0.8759	0.9580	0.9263	0.9192	0.9160	0.6727
42.3	0.7141	0.9905	0.8899	0.9529	0.9037	0.9367	0.8887	0.7490

42.4	0.6958	0.9937	0.9279	0.9707	0.8917	0.9528	0.9074	0.8565
42.5	0.6118	0.9934	0.9333	0.9692	0.9025	0.9469	0.9133	0.8453
42.6	0.4174	0.9913	0.9131	0.9584	0.9012	0.9291	0.9100	0.8499
42.7	0.3875	0.9914	0.8953	0.9571	0.8498	0.9222	0.8990	0.8610
42.8	0.4105	0.9924	0.9368	0.9613	0.8818	0.9184	0.9155	0.8341
42.9	0.4721	0.9944	0.9411	0.9681	0.8952	0.9350	0.9418	0.8875
43.0	0.4033	0.9932	0.9345	0.9642	0.8993	0.9049	0.9176	0.7754
43.1	0.3070	0.9918	0.9413	0.9543	0.8199	0.9017	0.8763	0.8067
43.2	0.3010	0.9932	0.9321	0.9616	0.8566	0.9220	0.8880	0.8593
43.3	0.0919	0.9928	0.9379	0.9620	0.8667	0.9174	0.9183	0.8483
43.4	0.4679	0.9922	0.9104	0.9589	0.8942	0.9174	0.9386	0.8859
43.5	0.4178	0.9885	0.8800	0.9477	0.8728	0.8603	0.9056	0.7562
43.6	0.3669	0.9907	0.8898	0.9501	0.8910	0.8524	0.9123	0.7712
43.7	0.4834	0.9932	0.8876	0.9602	0.9223	0.8596	0.9120	0.7590
43.8	0.2830	0.9930	0.7816	0.9582	0.9088	0.8495	0.8762	0.7120
43.9	0.4330	0.9924	0.8868	0.9605	0.9423	0.8600	0.8931	0.7680
44.0	0.3262	0.9923	0.9381	0.9509	0.9476	0.8556	0.9035	0.7838
44.1	0.5769	0.9920	0.7867	0.9266	0.9173	0.7426	0.8712	0.6660
44.2	0.4274	0.9911	0.8136	0.9255	0.9316	0.7276	0.8704	0.6893
44.3	0.4853	0.9912	0.7462	0.9301	0.9297	0.6391	0.8592	0.6573
44.4	0.3026	0.9890	0.6310	0.9132	0.9224	0.6379	0.7744	0.4671
44.5	0.1159	0.9896	0.6458	0.9144	0.8997	0.4413	0.7810	0.6010
44.6	0.1066	0.9888	0.7526	0.9207	0.9067	0.4675	0.7555	0.5847
44.7	0.2669	0.9926	0.8278	0.9227	0.8995	0.6049	0.8159	0.4574
44.8	0.1990	0.9922	0.6995	0.9077	0.8924	0.5169	0.8587	0.5452
44.9	0.4557	0.9922	0.9083	0.9130	0.9164	0.2439	0.7228	0.4549
45.0	0.2569	0.9898	0.4915	0.8790	0.8463	0.2190	0.7243	0.4843
45.1	0.1836	0.9864	0.5224	0.9271	0.8686	0.1523	0.5813	0.1232
45.2	0.1437	0.9881	0.5474	0.8988	0.8692	0.2614	0.6745	0.2408
45.3	0.2259	0.9917	0.3754	0.8676	0.8312	0.1609	0.6717	0.2916
45.4	0.3113	0.9907	0.1626	0.8815	0.7616	0.1113	0.6325	0.2565
45.5	0.3232	0.9877	0.3596	0.8717	0.7517	0.1900	0.6901	0.1595
45.6	0.3104	0.9918	0.6635	0.8984	0.7839	0.3044	0.8157	0.2696
45.7	0.2984	0.9917	0.6192	0.9247	0.8352	0.1945	0.8457	0.2399
45.8	0.1669	0.9868	0.4843	0.8799	0.7903	0.1515	0.8516	0.1137
45.9	0.1140	0.9904	0.4525	0.8659	0.7735	0.2116	0.8366	0.1132
46.0	0.2603	0.9921	0.4567	0.9038	0.7778	0.1880	0.8588	0.1785
46.1	0.2889	0.9906	0.4163	0.8972	0.8077	0.2121	0.8693	0.1892
46.2	0.2426	0.9922	0.3185	0.8670	0.7446	0.2391	0.8630	0.1578
46.3	0.1825	0.9900	0.2626	0.8405	0.6773	0.2475	0.8513	0.1503
46.4	0.2361	0.9890	0.3583	0.8963	0.7957	0.3671	0.8749	0.0517
46.5	0.2871	0.9902	0.4365	0.8590	0.7927	0.5822	0.7921	0.1615
46.6	0.3074	0.9897	0.3110	0.8599	0.7631	0.7430	0.7968	0.1030
46.7	0.4402	0.9861	0.2557	0.8680	0.7638	0.8185	0.8639	0.1204
46.8	0.5363	0.9869	0.3150	0.8800	0.7672	0.8418	0.8954	0.2594
46.9	0.5503	0.9922	0.5889	0.9559	0.8334	0.8415	0.8285	0.3658
47.0	0.5625	0.9905	0.5098	0.9509	0.8482	0.8194	0.8547	0.2596
47.1	0.6327	0.9870	0.5916	0.9242	0.8176	0.8640	0.8651	0.2074
47.2	0.5057	0.9810	0.4697	0.9224	0.6916	0.7526	0.7840	0.2238
47.3	0.6549	0.9875	0.5892	0.9424	0.7836	0.8234	0.8332	0.3746
47.4	0.7536	0.9900	0.8324	0.9450	0.8199	0.8629	0.8604	0.4271
47.5	0.5719	0.9840	0.7175	0.9345	0.6897	0.7474	0.7362	0.3329
47.6	0.6626	0.9910	0.8437	0.9646	0.7729	0.8453	0.8153	0.6586
47.7	0.5048	0.9905	0.5866	0.9568	0.7761	0.8636	0.6967	0.6806
47.8	0.2940	0.9872	0.5399	0.9292	0.7424	0.8448	0.6692	0.4164
47.9	0.4392	0.9916	0.6895	0.9563	0.8153	0.8491	0.7158	0.6871
48.0	0.3685	0.9872	0.8462	0.9550	0.7836	0.8553	0.7779	0.6377
48.1	0.2390	0.9808	0.7273	0.9426	0.7511	0.8325	0.7885	0.5684
48.2	0.3835	0.9757	0.6741	0.9078	0.7574	0.8311	0.7817	0.5697
48.3	0.3173	0.9767	0.5808	0.9233	0.6848	0.7952	0.8003	0.6207
48.4	0.3673	0.9779	0.5075	0.8800	0.7437	0.8725	0.8879	0.7117
48.5	0.3096	0.9726	0.7928	0.9278	0.7286	0.8075	0.8627	0.6989
48.6	0.3833	0.9748	0.7086	0.9352	0.6744	0.8614	0.8995	0.7575
48.7	0.3324	0.9784	0.6957	0.9146	0.7522	0.9042	0.9247	0.7497
48.8	0.1953	0.9764	0.8021	0.9184	0.7147	0.8712	0.9173	0.7627
48.9	0.1813	0.9732	0.7407	0.9147	0.7294	0.8975	0.9204	0.8102
49.0	0.3312	0.9792	0.8839	0.9268	0.7480	0.9020	0.9419	0.8068
49.1	0.2379	0.9784	0.8659	0.9457	0.6979	0.8740	0.9425	0.8110
49.2	0.2275	0.9726	0.8829	0.9287	0.5852	0.7545	0.9055	0.7472
49.3	0.2102	0.9674	0.6788	0.9129	0.4024	0.7357	0.9117	0.7308
49.4	0.4204	0.9776	0.6653	0.9393	0.4679	0.8420	0.9360	0.7486
49.5	0.4569	0.9739	0.6865	0.9415	0.4321	0.8366	0.8897	0.7534
49.6	0.3857	0.9791	0.7973	0.9584	0.4687	0.8198	0.9130	0.7549
49.7	0.4810	0.9832	0.8603	0.9598	0.4559	0.8659	0.9228	0.7703
49.8	0.4968	0.9759	0.8304	0.9231	0.3113	0.8263	0.9317	0.7091
49.9	0.4060	0.9710	0.5768	0.9287	0.0580	0.7480	0.9203	0.7561
50.0	0.4948	0.9606	0.4967	0.9231	0.0549	0.7834	0.9114	0.6760
50.1	0.5681	0.9629	0.7448	0.9315	0.0977	0.7732	0.9007	0.6778
50.2	0.3304	0.9660	0.4536	0.9353	0.0000	0.7368	0.8691	0.6730
50.3	0.4951	0.9704	0.5401	0.9278	0.0488	0.8524	0.8749	0.7068
50.4	0.7359	0.9681	0.7416	0.9319	0.1392	0.8277	0.8248	0.7479
50.5	0.6920	0.9695	0.6276	0.9374	0.1744	0.8047	0.8251	0.8223
50.6	0.6990	0.9729	0.4925	0.9581	0.3138	0.8331	0.8381	0.8853
50.7	0.6120	0.9662	0.5649	0.9436	0.3708	0.8024	0.8865	0.8740
50.8	0.7113	0.9784	0.6273	0.9626	0.4423	0.8241	0.9253	0.8630
50.9	0.6894	0.9727	0.6783	0.9399	0.3575	0.7785	0.9061	0.8465

51.0	0.7090	0.9645	0.5289	0.9363	0.4018	0.8218	0.9409	0.9037
51.1	0.7217	0.9658	0.5938	0.9549	0.4084	0.7822	0.9221	0.8862
51.2	0.5343	0.9556	0.2637	0.9422	0.3848	0.7242	0.8830	0.8532
51.3	0.6115	0.9742	0.2083	0.9511	0.4460	0.7998	0.9244	0.9181
51.4	0.6859	0.9673	0.4106	0.9398	0.5116	0.7366	0.9228	0.9356
51.5	0.5914	0.9688	0.0732	0.9451	0.6488	0.7056	0.9138	0.9003
51.6	0.5524	0.9661	0.0259	0.9358	0.6818	0.7170	0.9272	0.9282
51.7	0.5985	0.9696	0.0457	0.9486	0.7218	0.7045	0.9503	0.9371
51.8	0.6443	0.9669	0.0232	0.9421	0.8051	0.8153	0.9781	0.9581
51.9	0.5550	0.9702	0.0984	0.9415	0.7992	0.8203	0.9758	0.9542
52.0	0.5501	0.9703	0.2209	0.9594	0.8052	0.7926	0.9799	0.9487
52.1	0.4869	0.9685	0.1536	0.9605	0.7738	0.7957	0.9792	0.9554
52.2	0.4206	0.9630	0.3687	0.9506	0.7725	0.7071	0.9723	0.9468
52.3	0.3039	0.9753	0.2707	0.9631	0.8597	0.7629	0.9870	0.9582
52.4	0.1835	0.9734	0.3398	0.9649	0.8296	0.7696	0.9819	0.9545
52.5	0.4167	0.9765	0.2359	0.9616	0.8138	0.7966	0.9762	0.9439
52.6	0.3115	0.9696	0.0840	0.9630	0.7287	0.7038	0.9764	0.9341
52.7	0.1270	0.9725	0.3315	0.9656	0.7936	0.6401	0.9823	0.9449
52.8	0.1353	0.9747	0.5688	0.9635	0.7719	0.6221	0.9808	0.9401
52.9	0.0230	0.9700	0.2891	0.9632	0.7140	0.5222	0.9792	0.9290
53.0	0.0352	0.9684	0.3134	0.9667	0.7046	0.5237	0.9795	0.9321
53.1	0.1461	0.9624	0.2744	0.9556	0.5352	0.5741	0.9726	0.9442
53.2	0.0054	0.9776	0.5363	0.9746	0.6579	0.6381	0.9766	0.9536
53.3	0.1067	0.9810	0.5443	0.9717	0.6519	0.6903	0.9802	0.9503
53.4	0.0774	0.9752	0.6432	0.9661	0.5930	0.6985	0.9747	0.9273
53.5	0.0963	0.9759	0.6774	0.9669	0.4325	0.7809	0.9752	0.9314
53.6	0.4519	0.9788	0.7291	0.9726	0.4633	0.6730	0.9776	0.9065
53.7	0.3448	0.9789	0.6379	0.9725	0.4081	0.5492	0.9773	0.9220
53.8	0.4600	0.9773	0.6518	0.9643	0.5210	0.2506	0.9732	0.9338
53.9	0.6166	0.9818	0.7106	0.9698	0.6600	0.0721	0.9761	0.9358
54.0	0.5688	0.9780	0.6167	0.9704	0.6766	0.1822	0.9699	0.9164
54.1	0.6412	0.9745	0.5147	0.9599	0.6028	0.3697	0.9692	0.9273
54.2	0.5643	0.9722	0.6490	0.9485	0.6689	0.1756	0.9701	0.9369
54.3	0.4687	0.9687	0.4811	0.9479	0.6245	0.0389	0.9662	0.9000
54.4	0.5215	0.9746	0.4994	0.9584	0.6139	0.0059	0.9750	0.8959
54.5	0.6431	0.9711	0.5532	0.9499	0.6772	0.0026	0.9752	0.8967
54.6	0.7542	0.9712	0.6831	0.9443	0.7313	0.0403	0.9671	0.9012
54.7	0.8798	0.9801	0.7826	0.9606	0.7983	0.0450	0.9707	0.9397
54.8	0.7673	0.9716	0.5627	0.9536	0.7321	0.0746	0.9669	0.9291
54.9	0.6777	0.9660	0.4510	0.9322	0.6054	0.0000	0.9621	0.8769
55.0	0.8411	0.9747	0.6519	0.9472	0.6859	0.0001	0.9698	0.9167
55.1	0.8500	0.9703	0.6524	0.9454	0.6279	0.0208	0.9591	0.9081
55.2	0.8903	0.9757	0.7331	0.9441	0.7412	0.1183	0.9599	0.9056
55.3	0.8568	0.9677	0.6697	0.9160	0.6679	0.1050	0.9562	0.8416
55.4	0.9087	0.9681	0.7233	0.9308	0.6858	0.1602	0.9488	0.8367
55.5	0.9443	0.9761	0.7741	0.9442	0.8191	0.0667	0.9625	0.8934
55.6	0.9202	0.9761	0.7232	0.9419	0.7975	0.1932	0.9675	0.8832
55.7	0.9391	0.9756	0.7929	0.9424	0.8402	0.2986	0.9614	0.8544
55.8	0.9392	0.9625	0.8529	0.9228	0.8310	0.3902	0.9470	0.8485
55.9	0.9481	0.9673	0.8448	0.9393	0.8299	0.3214	0.9422	0.8351
56.0	0.9390	0.9641	0.8344	0.9154	0.7989	0.1982	0.9264	0.8370
56.1	0.9365	0.9591	0.8677	0.8880	0.8268	0.4324	0.9449	0.9002
56.2	0.9500	0.9550	0.8692	0.8971	0.8215	0.4733	0.9301	0.8021
56.3	0.9474	0.9546	0.8774	0.8871	0.8476	0.4834	0.9225	0.7686
56.4	0.9336	0.9431	0.8886	0.8934	0.8480	0.4915	0.9207	0.8285
56.5	0.9291	0.9397	0.8973	0.8614	0.8571	0.5096	0.9096	0.8309
56.6	0.9332	0.9541	0.8904	0.7798	0.8565	0.5170	0.9188	0.8628
56.7	0.9424	0.9583	0.9130	0.8195	0.8890	0.5442	0.9296	0.8788
56.8	0.9435	0.9513	0.9212	0.8464	0.9056	0.5537	0.9114	0.8560
56.9	0.9355	0.9391	0.9026	0.8293	0.8780	0.4952	0.8894	0.8505
57.0	0.9495	0.9438	0.9122	0.7657	0.8594	0.5190	0.8873	0.8756
57.1	0.9415	0.9331	0.9127	0.6977	0.8843	0.4813	0.8831	0.8965
57.2	0.9358	0.9223	0.9231	0.7293	0.8981	0.5439	0.8891	0.8742
57.3	0.9110	0.9222	0.8897	0.6415	0.8636	0.7074	0.8585	0.8247
57.4	0.9109	0.9063	0.9020	0.5979	0.8655	0.6295	0.8226	0.7646
57.5	0.9214	0.9327	0.9082	0.6719	0.8758	0.6425	0.8432	0.7827
57.6	0.9396	0.9446	0.9031	0.6433	0.8867	0.6267	0.7134	0.8056
57.7	0.9380	0.9371	0.9032	0.5916	0.8604	0.5756	0.6438	0.7777
57.8	0.9465	0.9292	0.9205	0.5471	0.8582	0.6558	0.6250	0.7760
57.9	0.9544	0.9455	0.9075	0.5234	0.8830	0.6809	0.4755	0.8450
58.0	0.9414	0.9490	0.8855	0.5604	0.8553	0.5582	0.3049	0.8270
58.1	0.9362	0.9295	0.8770	0.6243	0.8484	0.4804	0.4759	0.8108
58.2	0.9342	0.9155	0.8944	0.4815	0.8428	0.4308	0.4443	0.8135
58.3	0.9402	0.9394	0.9123	0.4791	0.8614	0.5739	0.3916	0.8126
58.4	0.9588	0.9681	0.9111	0.6041	0.8727	0.7157	0.5786	0.8866
58.5	0.9612	0.9692	0.9220	0.5731	0.8768	0.7557	0.4376	0.8392
58.6	0.9481	0.9548	0.8984	0.6573	0.7748	0.5666	0.4053	0.7433
58.7	0.9405	0.9511	0.9066	0.6360	0.4816	0.3170	0.0907	0.5587
58.8	0.9404	0.9497	0.9251	0.6241	0.7554	0.6729	0.5671	0.8679
58.9	0.9593	0.9538	0.9483	0.7081	0.7587	0.7204	0.6057	0.9040
59.0	0.9637	0.9580	0.9217	0.7893	0.4005	0.3708	0.6073	0.7829
59.1	0.9629	0.9432	0.9072	0.7329	0.2829	0.3168	0.1894	0.6683
59.2	0.9729	0.9654	0.9348	0.8266	0.6525	0.4766	0.7783	0.7946
59.3	0.9663	0.9547	0.9190	0.8086	0.6372	0.2784	0.8594	0.6458
59.4	0.9565	0.9491	0.9025	0.7570	0.6960	0.2736	0.8478	0.5522
59.5	0.9604	0.9399	0.9095	0.8231	0.6564	0.2499	0.8698	0.5454

59.6	0.9633	0.9325	0.8839	0.8065	0.5289	0.0954	0.8584	0.4853
59.7	0.9623	0.9007	0.8605	0.7619	0.3886	0.1561	0.8104	0.2227
59.8	0.9731	0.8354	0.7787	0.7520	0.1193	0.1888	0.7276	0.3370
59.9	0.9627	0.5408	0.4949	0.5134	0.0541	0.0069	0.5322	0.2126
60.0	0.9201	0.0898	0.0237	0.0663	0.3763	0.1581	0.8441	0.2375
60.1	0.9661	0.5245	0.4831	0.5105	0.5532	0.2747	0.9446	0.3027
60.2	0.9637	0.8131	0.7905	0.7506	0.5046	0.2361	0.9411	0.3549
60.3	0.9578	0.8903	0.8608	0.8562	0.5809	0.3472	0.9396	0.3799
60.4	0.9567	0.9267	0.8690	0.8277	0.6195	0.5303	0.9468	0.3445
60.5	0.9810	0.9617	0.9292	0.8934	0.7451	0.7239	0.9715	0.5480
60.6	0.9629	0.9583	0.8910	0.8002	0.7081	0.7180	0.9515	0.6999
60.7	0.9520	0.9588	0.9154	0.7771	0.8086	0.7971	0.9384	0.7850
60.8	0.9608	0.9671	0.9275	0.8583	0.8601	0.8825	0.9633	0.8349
60.9	0.9626	0.9716	0.9085	0.8614	0.8486	0.8748	0.9549	0.8678
61.0	0.9713	0.9795	0.9455	0.8627	0.8589	0.8612	0.9500	0.9134
61.1	0.9668	0.9765	0.9301	0.8547	0.8185	0.8458	0.9386	0.8652
61.2	0.9673	0.9747	0.9061	0.8773	0.8294	0.8936	0.9497	0.8610
61.3	0.9657	0.9750	0.9298	0.8648	0.7999	0.8868	0.9407	0.8647
61.4	0.9564	0.9727	0.9084	0.8559	0.7193	0.8422	0.9237	0.7923
61.5	0.9597	0.9768	0.9242	0.9017	0.6788	0.8792	0.9483	0.8421
61.6	0.9672	0.9793	0.9342	0.9253	0.6409	0.8886	0.9561	0.9026
61.7	0.9697	0.9785	0.9122	0.9247	0.5180	0.8447	0.9495	0.8717
61.8	0.9468	0.9650	0.8856	0.8721	0.4036	0.8545	0.9284	0.8197
61.9	0.9579	0.9656	0.9069	0.8916	0.2190	0.8875	0.9231	0.8094
62.0	0.9724	0.9842	0.9108	0.9217	0.1879	0.8977	0.9407	0.8980
62.1	0.9723	0.9819	0.8991	0.9146	0.3459	0.8974	0.9352	0.8977
62.2	0.9731	0.9768	0.9111	0.9339	0.4342	0.8951	0.9214	0.9157
62.3	0.9615	0.9686	0.8810	0.9268	0.3678	0.9099	0.9001	0.8814
62.4	0.9614	0.9722	0.8810	0.9049	0.4445	0.8958	0.8824	0.8654
62.5	0.9659	0.9780	0.8957	0.9222	0.5325	0.8920	0.8858	0.9041
62.6	0.9735	0.9776	0.8675	0.9296	0.6745	0.8995	0.8906	0.9111
62.7	0.9763	0.9838	0.8826	0.9400	0.7271	0.8878	0.8911	0.8856
62.8	0.9765	0.9793	0.8694	0.9574	0.7424	0.8906	0.8877	0.8645
62.9	0.9783	0.9798	0.8546	0.9492	0.7825	0.8929	0.8725	0.8551
63.0	0.9749	0.9734	0.8602	0.9445	0.8043	0.8545	0.8781	0.7978
63.1	0.9721	0.9713	0.8597	0.9456	0.8064	0.8953	0.8486	0.7936
63.2	0.9712	0.9743	0.8773	0.9337	0.8391	0.8979	0.8455	0.8048
63.3	0.9737	0.9727	0.9212	0.9380	0.8970	0.9051	0.8756	0.8324
63.4	0.9801	0.9803	0.9213	0.9423	0.9225	0.9226	0.8921	0.8900
63.5	0.9724	0.9716	0.9025	0.9387	0.8840	0.8764	0.8647	0.8521
63.6	0.9654	0.9623	0.9055	0.9354	0.8480	0.8634	0.8714	0.8716
63.7	0.9731	0.9674	0.9300	0.9486	0.8819	0.8736	0.8981	0.9062
63.8	0.9712	0.9693	0.9369	0.9463	0.8992	0.8618	0.8795	0.8327
63.9	0.9667	0.9696	0.9055	0.9228	0.8240	0.8567	0.8268	0.8177
64.0	0.9747	0.9712	0.9103	0.9405	0.8594	0.8731	0.8037	0.8182
64.1	0.9682	0.9655	0.9078	0.9423	0.8511	0.8443	0.8028	0.7991
64.2	0.9692	0.9659	0.9041	0.9440	0.8633	0.8350	0.7872	0.8116
64.3	0.9711	0.9724	0.9395	0.9434	0.9122	0.8408	0.7004	0.7983
64.4	0.9654	0.9706	0.9300	0.9321	0.8942	0.8374	0.7646	0.8577
64.5	0.9651	0.9678	0.9144	0.9467	0.8750	0.7742	0.6995	0.8272
64.6	0.9672	0.9664	0.9238	0.9482	0.8894	0.7808	0.5920	0.8434
64.7	0.9632	0.9648	0.9430	0.9528	0.9007	0.8324	0.6273	0.8381
64.8	0.9597	0.9635	0.9549	0.9563	0.8911	0.8531	0.6969	0.8096
64.9	0.9644	0.9744	0.9462	0.9601	0.8940	0.7905	0.7963	0.8316
65.0	0.9687	0.9770	0.9464	0.9622	0.8704	0.7428	0.7271	0.8127
65.1	0.9594	0.9652	0.9391	0.9481	0.8700	0.7449	0.7457	0.7050
65.2	0.9555	0.9602	0.9288	0.9433	0.8939	0.6170	0.7584	0.5327
65.3	0.9659	0.9738	0.9461	0.9635	0.8886	0.6463	0.7599	0.3864
65.4	0.9658	0.9734	0.9570	0.9662	0.8885	0.7107	0.8251	0.1768
65.5	0.9725	0.9710	0.9541	0.9567	0.8777	0.7059	0.8446	0.0206
65.6	0.9662	0.9765	0.9524	0.9571	0.8766	0.5985	0.8266	0.0427
65.7	0.9659	0.9724	0.9592	0.9657	0.9020	0.4647	0.8664	0.2457
65.8	0.9555	0.9707	0.9521	0.9542	0.8863	0.2496	0.8986	0.2922
65.9	0.9561	0.9754	0.9517	0.9539	0.9053	0.1983	0.8760	0.3320
66.0	0.9531	0.9739	0.9413	0.9508	0.8922	0.3979	0.8785	0.4802
66.1	0.9640	0.9833	0.9589	0.9533	0.9190	0.5168	0.9058	0.6562
66.2	0.9639	0.9863	0.9611	0.9568	0.9308	0.4172	0.9247	0.6742
66.3	0.9394	0.9686	0.9507	0.9355	0.9135	0.2133	0.9222	0.6685
66.4	0.9379	0.9704	0.9389	0.9351	0.9126	0.2437	0.9017	0.6497
66.5	0.9511	0.9692	0.9498	0.9439	0.9159	0.4081	0.8871	0.7506
66.6	0.9402	0.9725	0.9484	0.9384	0.9156	0.4206	0.9043	0.8100
66.7	0.9378	0.9715	0.9383	0.9354	0.8946	0.3106	0.9037	0.7968
66.8	0.9537	0.9728	0.9465	0.9404	0.8806	0.1913	0.8798	0.7758
66.9	0.9415	0.9715	0.9437	0.9346	0.8399	0.1896	0.8759	0.7878
67.0	0.9350	0.9732	0.9417	0.9275	0.8529	0.2975	0.8732	0.8277
67.1	0.9516	0.9773	0.9526	0.9510	0.8973	0.3286	0.9086	0.8883
67.2	0.9471	0.9728	0.9561	0.9478	0.8989	0.2364	0.9097	0.8532
67.3	0.9285	0.9734	0.9436	0.9097	0.8487	0.0416	0.8651	0.8211
67.4	0.9348	0.9818	0.9337	0.9367	0.8612	0.0501	0.8781	0.8507
67.5	0.9235	0.9728	0.9430	0.9450	0.8954	0.0240	0.8520	0.8621
67.6	0.9056	0.9588	0.9304	0.9279	0.8359	0.0463	0.8148	0.8576
67.7	0.9436	0.9790	0.9560	0.9521	0.8463	0.0307	0.8609	0.8941
67.8	0.9412	0.9802	0.9548	0.9284	0.8198	0.0048	0.8410	0.8922
67.9	0.9529	0.9807	0.9548	0.9336	0.8485	0.0290	0.8353	0.9155
68.0	0.9462	0.9775	0.9516	0.9360	0.8606	0.2272	0.7533	0.9250
68.1	0.9420	0.9819	0.9558	0.9201	0.8237	0.2643	0.7506	0.9476

68.2	0.9348	0.9759	0.9492	0.9239	0.8160	0.3392	0.6763	0.9211
68.3	0.9115	0.9698	0.9383	0.9197	0.7024	0.4406	0.4320	0.9039
68.4	0.9152	0.9799	0.9372	0.9220	0.6983	0.4195	0.3479	0.9061
68.5	0.8780	0.9719	0.9253	0.9088	0.5252	0.4242	0.2805	0.8549
68.6	0.8811	0.9636	0.9304	0.9061	0.4534	0.4486	0.3309	0.8839
68.7	0.8948	0.9741	0.9327	0.9096	0.4260	0.4562	0.3294	0.8882
68.8	0.8791	0.9692	0.9396	0.9047	0.3283	0.4808	0.3355	0.9017
68.9	0.8765	0.9683	0.9412	0.9250	0.2263	0.5673	0.3546	0.9003
69.0	0.8399	0.9636	0.9454	0.9174	0.2220	0.5949	0.2930	0.8730
69.1	0.7904	0.9689	0.9249	0.8889	0.1090	0.4375	0.2565	0.8494
69.2	0.8090	0.9600	0.9305	0.9051	0.0017	0.4553	0.2926	0.8590
69.3	0.7832	0.9659	0.9575	0.8639	0.0293	0.4181	0.3477	0.8544
69.4	0.8006	0.9723	0.9518	0.8769	0.2165	0.5848	0.4392	0.8235
69.5	0.7820	0.9692	0.9507	0.8924	0.4659	0.6031	0.3694	0.8699
69.6	0.7178	0.9553	0.9285	0.8682	0.5684	0.5044	0.2638	0.8481
69.7	0.7274	0.9493	0.9296	0.8233	0.5087	0.4064	0.3943	0.7978
69.8	0.7147	0.9652	0.9450	0.8191	0.6594	0.2648	0.5588	0.8503
69.9	0.7064	0.9574	0.9415	0.8034	0.7104	0.2476	0.6214	0.8214
70.0	0.6960	0.8633	0.9091	0.8349	0.7111	0.3267	0.5016	0.8100
70.1	0.6781	0.9531	0.9449	0.8278	0.7161	0.4024	0.5152	0.8176
70.2	0.6682	0.9606	0.9530	0.8085	0.6947	0.5193	0.5270	0.8089
70.3	0.6824	0.9446	0.9562	0.8103	0.6853	0.5266	0.5949	0.8182
70.4	0.6079	0.9336	0.9489	0.7623	0.5778	0.4246	0.5474	0.7193
70.5	0.6864	0.9384	0.9384	0.7928	0.4988	0.5698	0.6755	0.7486
70.6	0.6828	0.9492	0.9403	0.8092	0.5622	0.5995	0.6554	0.7758
70.7	0.6809	0.9425	0.9343	0.8042	0.4526	0.6459	0.6817	0.7437
70.8	0.7665	0.9450	0.9363	0.8393	0.2831	0.7586	0.7784	0.6871
70.9	0.7586	0.9474	0.9396	0.8455	0.2920	0.7171	0.7992	0.6890
71.0	0.7856	0.9423	0.9427	0.8671	0.2791	0.6606	0.7782	0.6798
71.1	0.7385	0.9187	0.9318	0.8411	0.1804	0.5979	0.7908	0.5754
71.2	0.7331	0.9205	0.9339	0.8277	0.0801	0.6551	0.8200	0.5665
71.3	0.7701	0.9326	0.9370	0.8472	0.0680	0.6735	0.7941	0.5132
71.4	0.7405	0.9142	0.9241	0.8138	0.0863	0.5738	0.7498	0.5169
71.5	0.7614	0.9184	0.9243	0.8334	0.0668	0.5625	0.7724	0.5960
71.6	0.7599	0.9514	0.9269	0.8452	0.1684	0.5914	0.8398	0.6204
71.7	0.7588	0.9304	0.9329	0.8488	0.3952	0.6093	0.8451	0.5568
71.8	0.7895	0.9296	0.9358	0.8754	0.5194	0.6136	0.8406	0.4962
71.9	0.7567	0.9270	0.9139	0.8483	0.4608	0.5883	0.8684	0.5538
72.0	0.7777	0.9340	0.9167	0.8470	0.4818	0.6841	0.8737	0.6134
72.1	0.7028	0.9054	0.9156	0.7445	0.4765	0.5979	0.8115	0.5923
72.2	0.7122	0.8907	0.9172	0.7912	0.5385	0.6116	0.8336	0.6299
72.3	0.7773	0.9005	0.9217	0.8113	0.6619	0.7481	0.8565	0.6208
72.4	0.7713	0.9167	0.9195	0.8098	0.6929	0.7042	0.8527	0.7227
72.5	0.7582	0.9353	0.9337	0.8126	0.7828	0.6679	0.8522	0.6729
72.6	0.7261	0.9239	0.9317	0.7903	0.7731	0.6956	0.8687	0.7108
72.7	0.7559	0.9316	0.9436	0.7871	0.8059	0.7883	0.9184	0.7413
72.8	0.7536	0.9320	0.9387	0.8107	0.8402	0.7921	0.9006	0.7434
72.9	0.7239	0.9376	0.9510	0.8063	0.8588	0.8156	0.9246	0.7752
73.0	0.6886	0.9271	0.9415	0.7696	0.8394	0.7238	0.9137	0.7839
73.1	0.7209	0.9024	0.9258	0.8464	0.8285	0.7273	0.8770	0.7408
73.2	0.6614	0.9090	0.9268	0.8062	0.8301	0.7379	0.9077	0.7157
73.3	0.6017	0.8906	0.9104	0.7589	0.7758	0.8255	0.8972	0.7295
73.4	0.5864	0.8996	0.9225	0.6648	0.7920	0.7568	0.9045	0.7069
73.5	0.6470	0.9230	0.9496	0.7603	0.8627	0.8025	0.9209	0.7556
73.6	0.6252	0.9337	0.9495	0.7538	0.8802	0.8457	0.9363	0.8103
73.7	0.5190	0.9335	0.9401	0.6083	0.8604	0.8634	0.9277	0.7713
73.8	0.6134	0.9401	0.9618	0.6204	0.8980	0.8567	0.9405	0.7953
73.9	0.6246	0.9205	0.9526	0.6145	0.8982	0.8558	0.9437	0.7957
74.0	0.5793	0.9139	0.9418	0.5450	0.8750	0.8842	0.9417	0.8417
74.1	0.4319	0.9174	0.9316	0.4826	0.8681	0.8436	0.9436	0.8320
74.2	0.4158	0.9163	0.9454	0.5567	0.8894	0.8379	0.9458	0.8269
74.3	0.4627	0.9283	0.9461	0.4534	0.9004	0.8082	0.9479	0.8617
74.4	0.4655	0.9050	0.9324	0.2995	0.8700	0.7549	0.9203	0.8463
74.5	0.4155	0.9240	0.9230	0.2367	0.8466	0.7764	0.9221	0.8203
74.6	0.4695	0.8902	0.9046	0.1774	0.8513	0.7817	0.9023	0.7627
74.7	0.4957	0.9412	0.9326	0.1794	0.8785	0.8263	0.9290	0.7947
74.8	0.5903	0.9540	0.9585	0.3361	0.9280	0.8579	0.9570	0.8802
74.9	0.6722	0.9483	0.9620	0.2420	0.9190	0.8369	0.9538	0.8295
75.0	0.6075	0.9339	0.9533	0.2057	0.8688	0.8450	0.9493	0.8634
75.1	0.6131	0.9195	0.9381	0.1921	0.8707	0.8099	0.9270	0.8429
75.2	0.7235	0.9355	0.9376	0.2921	0.8792	0.7674	0.9248	0.8005
75.3	0.8130	0.9537	0.9599	0.4093	0.9113	0.8104	0.9496	0.8200
75.4	0.8284	0.9556	0.9519	0.3698	0.9032	0.8651	0.9579	0.8767
75.5	0.8292	0.9371	0.9511	0.3765	0.8681	0.8124	0.9477	0.8554
75.6	0.8320	0.9317	0.9354	0.5352	0.8593	0.7873	0.9250	0.8201
75.7	0.8983	0.9520	0.9614	0.6390	0.9110	0.8701	0.9510	0.8699
75.8	0.8754	0.9411	0.9505	0.5770	0.8921	0.8472	0.9441	0.8451
75.9	0.8798	0.9387	0.9456	0.6192	0.8603	0.7794	0.9503	0.8554
76.0	0.9177	0.9414	0.9566	0.6753	0.8892	0.7801	0.9519	0.8602
76.1	0.9335	0.9420	0.9645	0.7291	0.8883	0.8548	0.9613	0.8864
76.2	0.9418	0.9413	0.9666	0.6909	0.8715	0.8505	0.9589	0.8920
76.3	0.9223	0.9293	0.9470	0.7390	0.8486	0.7830	0.9388	0.8725
76.4	0.9313	0.9245	0.9406	0.7078	0.8144	0.7944	0.9337	0.8375
76.5	0.9430	0.9407	0.9498	0.8260	0.8278	0.8295	0.9493	0.8564
76.6	0.9497	0.9369	0.9605	0.8292	0.8781	0.8239	0.9543	0.8747
76.7	0.9542	0.9145	0.9586	0.8065	0.8539	0.7953	0.9438	0.8621

76.8	0.9518	0.9386	0.9591	0.8448	0.8305	0.8470	0.9532	0.8877
76.9	0.9530	0.9414	0.9568	0.8291	0.8480	0.8354	0.9587	0.9147
77.0	0.9538	0.9257	0.9504	0.8060	0.7747	0.8328	0.9532	0.9049
77.1	0.9527	0.9334	0.9496	0.7988	0.7239	0.8149	0.9355	0.8574
77.2	0.9521	0.9332	0.9418	0.8086	0.7789	0.7659	0.9457	0.8701
77.3	0.9670	0.9300	0.9632	0.8366	0.8314	0.7868	0.9571	0.9117
77.4	0.9707	0.9469	0.9607	0.8942	0.8355	0.7747	0.9570	0.9195
77.5	0.9665	0.9422	0.9483	0.8998	0.8584	0.8051	0.9597	0.9243
77.6	0.9613	0.9279	0.9485	0.8778	0.8408	0.7857	0.9374	0.8833
77.7	0.9679	0.9446	0.9520	0.8992	0.8369	0.8079	0.9398	0.8896
77.8	0.9695	0.9492	0.9547	0.9123	0.8634	0.8460	0.9459	0.8986
77.9	0.9705	0.9357	0.9409	0.8924	0.8602	0.7774	0.9401	0.8954
78.0	0.9609	0.9331	0.9252	0.9070	0.8751	0.7261	0.9194	0.8754
78.1	0.9554	0.9313	0.9341	0.9265	0.8848	0.7198	0.9298	0.8929
78.2	0.9437	0.9048	0.9062	0.9134	0.8851	0.5590	0.8980	0.8417
78.3	0.9530	0.9478	0.9058	0.9204	0.9143	0.6088	0.9209	0.8761
78.4	0.9675	0.9537	0.9308	0.9439	0.9478	0.6857	0.9493	0.9144
78.5	0.9669	0.9470	0.9278	0.9376	0.9325	0.6074	0.9305	0.8758
78.6	0.9709	0.9421	0.9196	0.9322	0.9221	0.6447	0.9142	0.8649
78.7	0.9781	0.9402	0.9266	0.9577	0.9471	0.5945	0.9416	0.8845
78.8	0.9663	0.9364	0.9051	0.9469	0.9453	0.4461	0.9243	0.8709
78.9	0.9740	0.9508	0.9130	0.9544	0.9604	0.6220	0.9352	0.8966
79.0	0.9736	0.9400	0.8737	0.9612	0.9266	0.6072	0.8858	0.8141
79.1	0.9661	0.9384	0.8382	0.9505	0.9234	0.4863	0.8796	0.8377
79.2	0.9759	0.9507	0.8707	0.9561	0.9375	0.4599	0.9271	0.8538
79.3	0.9691	0.9507	0.8407	0.9546	0.9255	0.3360	0.9012	0.8518
79.4	0.9787	0.9488	0.8735	0.9590	0.9420	0.4075	0.9255	0.8942
79.5	0.9789	0.9376	0.8807	0.9457	0.9334	0.3340	0.9418	0.8878
79.6	0.9793	0.9500	0.8595	0.9487	0.9359	0.3158	0.9110	0.8989
79.7	0.9800	0.9618	0.8357	0.9640	0.9166	0.4793	0.9150	0.8885
79.8	0.9839	0.9637	0.8521	0.9766	0.9419	0.4561	0.9354	0.9034
79.9	0.9816	0.9551	0.8524	0.9647	0.9328	0.3137	0.9200	0.8979
80.0	0.9793	0.9618	0.7771	0.9595	0.9160	0.3389	0.9237	0.9266

2.2.11 Run 1 – IP000-200 – Accels 33–40

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.4131	0.6779	0.4933	0.4179	0.8015	0.3943	0.9332	0.8685
0.1	0.0886	0.0730	0.0139	0.0631	0.0102	0.0014	0.0100	0.0128
0.2	0.0386	0.0323	0.0047	0.0153	0.0032	0.0064	0.0007	0.0351
0.3	0.0253	0.0074	0.0020	0.0091	0.0093	0.0000	0.0011	0.0079
0.4	0.0077	0.0047	0.0282	0.0013	0.0353	0.0036	0.0132	0.0156
0.5	0.0026	0.0020	0.0283	0.0008	0.0353	0.0830	0.0239	0.0670
0.6	0.0322	0.0174	0.0201	0.0038	0.0139	0.0332	0.0154	0.0280
0.7	0.0053	0.0399	0.0063	0.0208	0.0065	0.0073	0.0527	0.0466
0.8	0.0601	0.0990	0.0029	0.0228	0.0246	0.0302	0.0548	0.0280
0.9	0.0895	0.0515	0.0455	0.0113	0.0140	0.0029	0.0081	0.0011
1.0	0.0061	0.0606	0.0065	0.0779	0.0071	0.0066	0.0564	0.0153
1.1	0.3117	0.1109	0.0079	0.1100	0.0302	0.0076	0.0172	0.0116
1.2	0.4719	0.2924	0.0659	0.3450	0.2461	0.0074	0.0536	0.0131
1.3	0.5700	0.2757	0.0262	0.5127	0.2933	0.0095	0.1096	0.0013
1.4	0.8096	0.4075	0.0018	0.7530	0.2328	0.0291	0.2924	0.0454
1.5	0.8924	0.7794	0.1175	0.9121	0.7639	0.1534	0.8380	0.0816
1.6	0.9820	0.7776	0.2928	0.9450	0.8051	0.2967	0.7750	0.1519
1.7	0.9932	0.5679	0.6545	0.9891	0.7081	0.6354	0.9407	0.1620
1.8	0.9986	0.7781	0.9031	0.9981	0.9120	0.9189	0.9894	0.3343
1.9	0.9992	0.8587	0.9622	0.9989	0.9540	0.9683	0.9970	0.6015
2.0	0.9995	0.9331	0.9761	0.9995	0.9574	0.9820	0.9980	0.5282
2.1	0.9965	0.8699	0.9409	0.9961	0.9150	0.9610	0.9923	0.1122
2.2	0.9586	0.6664	0.8650	0.9538	0.8430	0.9103	0.9437	0.4654
2.3	0.7342	0.5963	0.6696	0.7390	0.7290	0.6885	0.7338	0.3069
2.4	0.9825	0.3200	0.8491	0.9832	0.7983	0.9093	0.9820	0.4674
2.5	0.9962	0.1191	0.8620	0.9965	0.8133	0.9057	0.9954	0.3864
2.6	0.9983	0.7003	0.8665	0.9985	0.7595	0.8940	0.9972	0.4810
2.7	0.9993	0.9036	0.8530	0.9995	0.8385	0.8819	0.9987	0.6548
2.8	0.9996	0.9508	0.8026	0.9997	0.8416	0.8792	0.9992	0.7839
2.9	0.9997	0.9520	0.4152	0.9997	0.7673	0.6953	0.9991	0.6737
3.0	0.9997	0.9743	0.3170	0.9997	0.7109	0.3493	0.9994	0.6973
3.1	0.9998	0.9761	0.6695	0.9998	0.6584	0.5974	0.9993	0.7594
3.2	0.9997	0.9762	0.8456	0.9998	0.5336	0.8558	0.9993	0.7417
3.3	0.9996	0.9612	0.9034	0.9997	0.5675	0.8973	0.9989	0.4513
3.4	0.9994	0.9545	0.8847	0.9995	0.2083	0.8965	0.9982	0.3241
3.5	0.9992	0.9305	0.9097	0.9993	0.1479	0.9214	0.9972	0.4205
3.6	0.9992	0.9260	0.9100	0.9992	0.0783	0.9283	0.9964	0.2548
3.7	0.9989	0.9131	0.9317	0.9988	0.1239	0.9431	0.9961	0.2408
3.8	0.9988	0.9124	0.9406	0.9985	0.0718	0.9604	0.9939	0.2896
3.9	0.9985	0.9263	0.9521	0.9984	0.0636	0.9568	0.9907	0.2471
4.0	0.9981	0.8822	0.9501	0.9983	0.0598	0.9610	0.9872	0.1925
4.1	0.9977	0.8657	0.9494	0.9980	0.0312	0.9624	0.9852	0.1333
4.2	0.9981	0.8651	0.9555	0.9977	0.0228	0.9701	0.9874	0.1185
4.3	0.9970	0.8665	0.9630	0.9967	0.0496	0.9710	0.9883	0.1206
4.4	0.9968	0.8008	0.9532	0.9965	0.0583	0.9727	0.9862	0.0009
4.5	0.9974	0.9139	0.9714	0.9974	0.0332	0.9787	0.9819	0.0253
4.6	0.9973	0.8490	0.9658	0.9966	0.0435	0.9785	0.9781	0.0927
4.7	0.9969	0.8076	0.9698	0.9965	0.0138	0.9737	0.9640	0.1060
4.8	0.9965	0.8495	0.9717	0.9959	0.0042	0.9819	0.9621	0.1288
4.9	0.9960	0.7918	0.9682	0.9957	0.0171	0.9777	0.9535	0.0077
5.0	0.9941	0.7543	0.9712	0.9953	0.0113	0.9773	0.9419	0.0201
5.1	0.9949	0.7360	0.9725	0.9950	0.0108	0.9842	0.9472	0.0426
5.2	0.9949	0.7958	0.9841	0.9936	0.0133	0.9882	0.9570	0.2130
5.3	0.9938	0.7869	0.9791	0.9931	0.1294	0.9890	0.9532	0.0356
5.4	0.9933	0.7960	0.9840	0.9932	0.1584	0.9892	0.9627	0.0891
5.5	0.9931	0.8069	0.9847	0.9933	0.0155	0.9914	0.9547	0.3574
5.6	0.9935	0.7732	0.9859	0.9924	0.0275	0.9936	0.9559	0.5258
5.7	0.9933	0.7618	0.9901	0.9945	0.0892	0.9946	0.9606	0.6348
5.8	0.9944	0.8232	0.9906	0.9928	0.1758	0.9947	0.9668	0.6857
5.9	0.9920	0.7441	0.9879	0.9930	0.0153	0.9925	0.9674	0.5522
6.0	0.9900	0.7999	0.9823	0.9886	0.0001	0.9924	0.9668	0.5377
6.1	0.9899	0.8269	0.9871	0.9920	0.0272	0.9917	0.9618	0.6009
6.2	0.9936	0.8299	0.9836	0.9925	0.0034	0.9933	0.9611	0.4894
6.3	0.9918	0.8703	0.9868	0.9926	0.1379	0.9951	0.9748	0.5075
6.4	0.9928	0.8553	0.9854	0.9939	0.0876	0.9946	0.9653	0.2961
6.5	0.9914	0.7102	0.9449	0.9923	0.0415	0.9945	0.9020	0.3895
6.6	0.9920	0.7872	0.9837	0.9934	0.0672	0.9957	0.9614	0.5398
6.7	0.9929	0.6935	0.9808	0.9939	0.0321	0.9943	0.9350	0.5899
6.8	0.9929	0.7283	0.9826	0.9940	0.0603	0.9965	0.9607	0.7522
6.9	0.9957	0.7465	0.9840	0.9962	0.1073	0.9971	0.9732	0.8201
7.0	0.9942	0.5914	0.9902	0.9954	0.0666	0.9965	0.9799	0.8067
7.1	0.9955	0.7098	0.9942	0.9953	0.1035	0.9967	0.9825	0.8656
7.2	0.9947	0.6719	0.9973	0.9956	0.4153	0.9972	0.9877	0.8990
7.3	0.9947	0.4326	0.9974	0.9945	0.3403	0.9978	0.9879	0.8787
7.4	0.9875	0.7028	0.9982	0.9889	0.0922	0.9970	0.9751	0.9022
7.5	0.9786	0.7716	0.9972	0.9760	0.1465	0.9964	0.9060	0.6739
7.6	0.9804	0.7233	0.9971	0.9799	0.0985	0.9961	0.8689	0.4419
7.7	0.9886	0.6258	0.9976	0.9873	0.0648	0.9968	0.8452	0.1794
7.8	0.9913	0.6843	0.9980	0.9930	0.1023	0.9975	0.8203	0.0015
7.9	0.9903	0.5517	0.9980	0.9919	0.1211	0.9968	0.7786	0.0759

8.0	0.9917	0.6217	0.9978	0.9926	0.1426	0.9967	0.8717	0.6872
8.1	0.9869	0.3644	0.9972	0.9899	0.1736	0.9961	0.8005	0.5523
8.2	0.9921	0.5987	0.9976	0.9929	0.0835	0.9966	0.8476	0.5197
8.3	0.9940	0.4527	0.9981	0.9946	0.1328	0.9973	0.8913	0.7279
8.4	0.9932	0.3571	0.9975	0.9942	0.0666	0.9970	0.8957	0.6331
8.5	0.9945	0.5007	0.9978	0.9943	0.1778	0.9974	0.9076	0.4967
8.6	0.9936	0.4966	0.9973	0.9954	0.2160	0.9971	0.9013	0.5422
8.7	0.9951	0.5487	0.9983	0.9961	0.1979	0.9982	0.9018	0.6388
8.8	0.9966	0.6225	0.9985	0.9972	0.1320	0.9983	0.9215	0.4242
8.9	0.9955	0.5773	0.9978	0.9964	0.1557	0.9978	0.9097	0.9297
9.0	0.9961	0.6326	0.9968	0.9970	0.4941	0.9967	0.8967	0.9655
9.1	0.9947	0.7943	0.9957	0.9949	0.4138	0.9957	0.7758	0.9703
9.2	0.9945	0.8653	0.9957	0.9946	0.5801	0.9957	0.8769	0.7889
9.3	0.9957	0.9053	0.9970	0.9963	0.6260	0.9971	0.9430	0.9446
9.4	0.9951	0.9358	0.9979	0.9960	0.7567	0.9979	0.9381	0.9691
9.5	0.9948	0.9140	0.9983	0.9961	0.7435	0.9983	0.9213	0.9699
9.6	0.9800	0.8685	0.9980	0.9876	0.6536	0.9981	0.7303	0.9448
9.7	0.9732	0.9002	0.9987	0.9840	0.7188	0.9988	0.6652	0.9474
9.8	0.9588	0.8974	0.9983	0.9790	0.6328	0.9983	0.4387	0.9331
9.9	0.9463	0.7960	0.9986	0.9482	0.5562	0.9986	0.3637	0.9068
10.0	0.9354	0.6792	0.9986	0.9070	0.5233	0.9988	0.2119	0.7878
10.1	0.9626	0.7330	0.9981	0.9020	0.4547	0.9984	0.2163	0.6787
10.2	0.9671	0.6743	0.9985	0.9470	0.3984	0.9986	0.3089	0.5455
10.3	0.9765	0.7213	0.9987	0.9528	0.2565	0.9986	0.2043	0.4621
10.4	0.9794	0.6911	0.9989	0.9686	0.4374	0.9989	0.2693	0.4575
10.5	0.9802	0.6096	0.9987	0.9664	0.2783	0.9988	0.2903	0.4290
10.6	0.9778	0.5419	0.9974	0.9665	0.2018	0.9974	0.1498	0.3190
10.7	0.9838	0.5967	0.9984	0.9734	0.4276	0.9985	0.3617	0.3067
10.8	0.9870	0.5447	0.9985	0.9823	0.1517	0.9984	0.5101	0.1949
10.9	0.9867	0.4771	0.9973	0.9811	0.2858	0.9973	0.4274	0.1675
11.0	0.9835	0.5185	0.9980	0.9817	0.2968	0.9977	0.4706	0.1724
11.1	0.9889	0.5845	0.9979	0.9851	0.2970	0.9978	0.6232	0.1091
11.2	0.9909	0.5963	0.9981	0.9880	0.3064	0.9979	0.6945	0.0371
11.3	0.9907	0.6581	0.9977	0.9876	0.2626	0.9976	0.7257	0.1330
11.4	0.9922	0.7157	0.9975	0.9910	0.4257	0.9979	0.6518	0.1876
11.5	0.9916	0.6940	0.9972	0.9911	0.3280	0.9971	0.7216	0.2239
11.6	0.9885	0.7006	0.9966	0.9877	0.2230	0.9967	0.8070	0.2846
11.7	0.9908	0.6883	0.9955	0.9901	0.3338	0.9956	0.7769	0.2476
11.8	0.9908	0.6708	0.9964	0.9914	0.2227	0.9957	0.8484	0.3354
11.9	0.9900	0.6411	0.9947	0.9897	0.1467	0.9944	0.8650	0.3870
12.0	0.9879	0.6416	0.9940	0.9888	0.2493	0.9931	0.8486	0.4433
12.1	0.9911	0.7327	0.9941	0.9904	0.3015	0.9935	0.8838	0.5852
12.2	0.9846	0.7393	0.9901	0.9865	0.3181	0.9890	0.8910	0.5221
12.3	0.9840	0.7623	0.9896	0.9836	0.3300	0.9861	0.8898	0.6618
12.4	0.9830	0.8335	0.9873	0.9847	0.5990	0.9826	0.9048	0.6668
12.5	0.9856	0.8617	0.9873	0.9885	0.5866	0.9829	0.9094	0.6975
12.6	0.9844	0.8813	0.9863	0.9861	0.7835	0.9825	0.9272	0.7474
12.7	0.9818	0.8829	0.9836	0.9832	0.8658	0.9766	0.9193	0.6236
12.8	0.9590	0.8353	0.9667	0.9630	0.8208	0.9544	0.9076	0.5027
12.9	0.9185	0.7858	0.9407	0.9276	0.7995	0.9091	0.8551	0.3380
13.0	0.9230	0.8569	0.9382	0.9266	0.8573	0.9109	0.8537	0.7048
13.1	0.9094	0.8764	0.9350	0.9203	0.8806	0.9041	0.8444	0.7989
13.2	0.9235	0.9216	0.9529	0.9366	0.9249	0.9166	0.8652	0.8927
13.3	0.9412	0.9512	0.9672	0.9481	0.9557	0.9290	0.8823	0.9285
13.4	0.9437	0.9697	0.9738	0.9517	0.9704	0.9330	0.8317	0.9656
13.5	0.9548	0.9755	0.9803	0.9595	0.9782	0.9242	0.8581	0.9685
13.6	0.9611	0.9766	0.9822	0.9553	0.9766	0.8590	0.7730	0.9620
13.7	0.9671	0.9692	0.9821	0.9589	0.9721	0.7250	0.5339	0.9572
13.8	0.9747	0.9758	0.9845	0.9678	0.9796	0.7794	0.1550	0.9665
13.9	0.9754	0.9705	0.9862	0.9697	0.9769	0.8248	0.5329	0.9397
14.0	0.9790	0.9767	0.9877	0.9731	0.9791	0.8971	0.8090	0.9599
14.1	0.9830	0.9829	0.9900	0.9728	0.9873	0.9264	0.8837	0.9513
14.2	0.9766	0.9881	0.9899	0.9649	0.9893	0.9369	0.9078	0.9471
14.3	0.9563	0.9886	0.9845	0.9276	0.9870	0.9055	0.8836	0.9217
14.4	0.9134	0.9817	0.9779	0.8666	0.9816	0.8791	0.8296	0.9155
14.5	0.9015	0.9848	0.9798	0.8238	0.9827	0.8836	0.8283	0.9214
14.6	0.8083	0.9776	0.9724	0.6646	0.9783	0.8718	0.7608	0.8925
14.7	0.7045	0.9731	0.9691	0.3821	0.9724	0.8722	0.6522	0.9017
14.8	0.6214	0.9735	0.9736	0.3161	0.9694	0.8901	0.5522	0.8514
14.9	0.5780	0.9719	0.9679	0.3621	0.9670	0.8729	0.4000	0.8158
15.0	0.5089	0.9744	0.9632	0.4642	0.9692	0.8425	0.2959	0.7081
15.1	0.4549	0.9740	0.9636	0.5138	0.9677	0.7724	0.2495	0.6092
15.2	0.5478	0.9748	0.9633	0.6224	0.9734	0.7324	0.2173	0.5712
15.3	0.6241	0.9621	0.9199	0.6926	0.9529	0.6081	0.0921	0.4206
15.4	0.6595	0.9554	0.9237	0.7116	0.9517	0.6683	0.1555	0.5929
15.5	0.7540	0.9630	0.9347	0.8128	0.9477	0.7907	0.3121	0.7430
15.6	0.8268	0.9664	0.9397	0.8681	0.9522	0.8331	0.3083	0.7066
15.7	0.8553	0.9663	0.9245	0.8750	0.9632	0.8620	0.3850	0.7381
15.8	0.8418	0.9555	0.9047	0.8752	0.9483	0.8683	0.4979	0.7550
15.9	0.8644	0.9442	0.8861	0.8761	0.9400	0.8711	0.6018	0.7001
16.0	0.8691	0.9508	0.8981	0.8874	0.9396	0.8931	0.6233	0.5435
16.1	0.8832	0.9384	0.8844	0.8839	0.9390	0.8909	0.6948	0.4427
16.2	0.9011	0.9418	0.8797	0.9048	0.9259	0.9052	0.8078	0.5143
16.3	0.8920	0.9442	0.8974	0.8995	0.9376	0.9078	0.7326	0.5641
16.4	0.9073	0.9543	0.9213	0.9153	0.9415	0.9223	0.8187	0.6687
16.5	0.9287	0.9527	0.9218	0.9355	0.9425	0.9354	0.8666	0.7444

16.6	0.9048	0.9331	0.8888	0.9070	0.9136	0.9072	0.8437	0.7334
16.7	0.9254	0.9461	0.9141	0.9263	0.9316	0.9271	0.8955	0.6359
16.8	0.8966	0.9213	0.8766	0.9015	0.9043	0.8971	0.8453	0.7532
16.9	0.8202	0.8681	0.7954	0.8232	0.8531	0.8196	0.7465	0.5023
17.0	0.8271	0.8585	0.8022	0.8302	0.8482	0.8325	0.7491	0.5809
17.1	0.8168	0.8330	0.7914	0.8216	0.8158	0.8189	0.7882	0.6975
17.2	0.7874	0.7920	0.7517	0.7887	0.7921	0.7865	0.7977	0.7350
17.3	0.8329	0.8151	0.8006	0.8326	0.8177	0.8300	0.8087	0.6692
17.4	0.8293	0.8238	0.8004	0.8250	0.8262	0.8317	0.8126	0.6996
17.5	0.8434	0.8316	0.8300	0.8397	0.8200	0.8506	0.8397	0.7749
17.6	0.9023	0.8853	0.8870	0.8990	0.8878	0.9064	0.8900	0.8580
17.7	0.9219	0.9035	0.9119	0.9213	0.9085	0.9252	0.9141	0.8759
17.8	0.9194	0.8976	0.9105	0.9192	0.8968	0.9248	0.9150	0.8878
17.9	0.9367	0.8994	0.9237	0.9353	0.9124	0.9347	0.9259	0.8790
18.0	0.9425	0.9160	0.9371	0.9408	0.9136	0.9414	0.9144	0.9172
18.1	0.9536	0.9266	0.9489	0.9535	0.9371	0.9537	0.9388	0.9270
18.2	0.9626	0.9155	0.9590	0.9611	0.9417	0.9627	0.9513	0.9193
18.3	0.9627	0.9080	0.9581	0.9614	0.9368	0.9623	0.9467	0.9197
18.4	0.9721	0.9178	0.9697	0.9713	0.9580	0.9739	0.9570	0.9163
18.5	0.9725	0.9236	0.9700	0.9736	0.9473	0.9740	0.9507	0.9264
18.6	0.9710	0.9182	0.9609	0.9701	0.9473	0.9663	0.9120	0.9181
18.7	0.9638	0.9023	0.9593	0.9664	0.9288	0.9625	0.8888	0.8727
18.8	0.9686	0.8650	0.9632	0.9665	0.9317	0.9702	0.9113	0.8351
18.9	0.9638	0.8268	0.9586	0.9625	0.9266	0.9650	0.9097	0.8518
19.0	0.9693	0.8853	0.9697	0.9687	0.9382	0.9719	0.9230	0.8476
19.1	0.9638	0.8998	0.9680	0.9636	0.9370	0.9680	0.9275	0.8173
19.2	0.9729	0.9156	0.9757	0.9746	0.9432	0.9764	0.9308	0.8056
19.3	0.9712	0.9313	0.9795	0.9748	0.9425	0.9791	0.9467	0.6811
19.4	0.9633	0.9086	0.9768	0.9686	0.9364	0.9734	0.9237	0.4510
19.5	0.9549	0.9171	0.9718	0.9665	0.9431	0.9730	0.9293	0.4089
19.6	0.9561	0.9248	0.9682	0.9617	0.9422	0.9703	0.9149	0.4719
19.7	0.9489	0.9088	0.9650	0.9551	0.9382	0.9696	0.9110	0.4659
19.8	0.9502	0.8999	0.9724	0.9645	0.9557	0.9747	0.9280	0.3288
19.9	0.9502	0.9052	0.9620	0.9529	0.9341	0.9700	0.9112	0.3758
20.0	0.9168	0.8929	0.9576	0.9265	0.9249	0.9682	0.8836	0.4552
20.1	0.9184	0.8873	0.9586	0.9324	0.9279	0.9692	0.8861	0.5391
20.2	0.9200	0.8890	0.9637	0.9379	0.9327	0.9730	0.8975	0.6020
20.3	0.8705	0.8200	0.9553	0.8759	0.8915	0.9633	0.8496	0.6031
20.4	0.8507	0.8569	0.9603	0.8735	0.9145	0.9592	0.8326	0.7062
20.5	0.8376	0.8006	0.9487	0.8521	0.9013	0.9469	0.7965	0.6897
20.6	0.8348	0.8370	0.9522	0.8780	0.9334	0.9564	0.8381	0.6889
20.7	0.8772	0.8258	0.9641	0.8780	0.9374	0.9688	0.8283	0.7969
20.8	0.8533	0.8050	0.9585	0.8643	0.9279	0.9581	0.8025	0.7966
20.9	0.8271	0.7821	0.9376	0.8585	0.9407	0.9415	0.7250	0.7985
21.0	0.7903	0.7371	0.9156	0.7985	0.9104	0.9267	0.5542	0.7965
21.1	0.7812	0.6447	0.9254	0.7977	0.8927	0.9258	0.5044	0.7867
21.2	0.7617	0.6970	0.9192	0.8139	0.9119	0.9198	0.6006	0.7456
21.3	0.8038	0.7924	0.9375	0.7994	0.9242	0.9220	0.5858	0.8178
21.4	0.7749	0.6884	0.9112	0.7698	0.8861	0.8971	0.4005	0.7480
21.5	0.8180	0.7632	0.9246	0.7891	0.9002	0.9234	0.3262	0.8252
21.6	0.8533	0.8557	0.9407	0.7908	0.9241	0.9332	0.3254	0.8755
21.7	0.8672	0.8541	0.9410	0.7642	0.9016	0.9344	0.2275	0.8352
21.8	0.8137	0.7988	0.9344	0.6780	0.8502	0.9071	0.1180	0.7415
21.9	0.8146	0.8115	0.9409	0.7119	0.8673	0.9249	0.1223	0.7571
22.0	0.7805	0.8088	0.9144	0.6043	0.8162	0.8907	0.1614	0.6702
22.1	0.7118	0.8133	0.9017	0.4407	0.7325	0.8667	0.2298	0.5426
22.2	0.8081	0.8556	0.9103	0.6329	0.8311	0.8644	0.0695	0.6553
22.3	0.8130	0.8952	0.8569	0.5677	0.7911	0.8049	0.0538	0.3758
22.4	0.7253	0.8785	0.7810	0.3648	0.7815	0.6019	0.0128	0.1474
22.5	0.7496	0.8051	0.4559	0.4441	0.6194	0.3901	0.0034	0.1408
22.6	0.6784	0.8294	0.6997	0.3345	0.5957	0.7406	0.0236	0.2131
22.7	0.6588	0.8332	0.8423	0.4397	0.6350	0.8452	0.0099	0.3161
22.8	0.6457	0.7980	0.8177	0.4410	0.6828	0.8277	0.0374	0.3686
22.9	0.6130	0.7626	0.8138	0.2879	0.5900	0.8403	0.0249	0.3587
23.0	0.4720	0.6608	0.7829	0.1872	0.6179	0.8136	0.0849	0.3091
23.1	0.4254	0.5299	0.7246	0.1016	0.5408	0.7765	0.0730	0.4657
23.2	0.5043	0.4930	0.7651	0.1153	0.5740	0.8473	0.0133	0.3443
23.3	0.3928	0.5470	0.7223	0.0639	0.7012	0.7987	0.0615	0.3007
23.4	0.4772	0.5548	0.7767	0.1311	0.6673	0.8687	0.1143	0.4738
23.5	0.5284	0.4280	0.7472	0.0232	0.6552	0.8560	0.0600	0.4093
23.6	0.5178	0.3889	0.7597	0.0423	0.6811	0.8426	0.1391	0.2499
23.7	0.5101	0.3741	0.7411	0.1010	0.6930	0.8420	0.1169	0.3411
23.8	0.2549	0.2509	0.7827	0.1819	0.6130	0.7694	0.0547	0.3511
23.9	0.1712	0.1923	0.7451	0.0067	0.5206	0.7232	0.1278	0.3176
24.0	0.0618	0.2327	0.7067	0.1488	0.6569	0.7555	0.1665	0.2313
24.1	0.1443	0.1535	0.7286	0.4016	0.5572	0.6126	0.1053	0.2598
24.2	0.1418	0.1098	0.7489	0.4070	0.5521	0.6034	0.1088	0.3183
24.3	0.2517	0.0356	0.6738	0.4760	0.5444	0.4720	0.0444	0.2590
24.4	0.2373	0.0827	0.7520	0.4599	0.5687	0.5147	0.1135	0.1807
24.5	0.4845	0.1435	0.8349	0.6941	0.5697	0.5915	0.0973	0.1896
24.6	0.4832	0.1117	0.8020	0.6583	0.6178	0.6014	0.1180	0.2533
24.7	0.5070	0.0094	0.7721	0.6967	0.3948	0.4992	0.1287	0.2533
24.8	0.5651	0.0322	0.7927	0.7669	0.4428	0.4192	0.0871	0.2856
24.9	0.6559	0.1894	0.7261	0.7414	0.5637	0.5037	0.0789	0.2921
25.0	0.6580	0.1249	0.6632	0.7402	0.4666	0.3607	0.0601	0.2287
25.1	0.7106	0.0752	0.6901	0.7635	0.2988	0.3674	0.0207	0.2055

25.2	0.7932	0.0563	0.6843	0.8321	0.3782	0.3247	0.0430	0.0785
25.3	0.7308	0.0421	0.5745	0.8324	0.3851	0.3244	0.0290	0.0350
25.4	0.7223	0.1430	0.7027	0.8391	0.2137	0.3405	0.0142	0.0673
25.5	0.7882	0.0746	0.6263	0.7954	0.2657	0.3186	0.0150	0.0354
25.6	0.7848	0.0919	0.4723	0.8546	0.2773	0.1800	0.0019	0.0298
25.7	0.8095	0.1641	0.4892	0.8497	0.1819	0.2981	0.0042	0.0430
25.8	0.8401	0.2180	0.5872	0.8838	0.2338	0.2223	0.0095	0.0577
25.9	0.8653	0.2543	0.5732	0.8815	0.3586	0.1916	0.0244	0.0532
26.0	0.8519	0.1251	0.4819	0.8539	0.1586	0.2111	0.0082	0.0066
26.1	0.8480	0.1178	0.4189	0.8411	0.1200	0.2178	0.0853	0.0349
26.2	0.8597	0.1523	0.5067	0.8715	0.1304	0.1473	0.0081	0.0044
26.3	0.8620	0.2120	0.5565	0.8633	0.2379	0.2288	0.0655	0.0051
26.4	0.9086	0.3609	0.5181	0.8773	0.1875	0.4202	0.1104	0.0016
26.5	0.8530	0.3111	0.3738	0.8302	0.1833	0.3438	0.0429	0.0094
26.6	0.8953	0.4263	0.3521	0.8857	0.1838	0.4446	0.0181	0.0246
26.7	0.8950	0.4394	0.3758	0.9082	0.1667	0.4174	0.0191	0.0192
26.8	0.8907	0.2986	0.2287	0.8964	0.1837	0.3325	0.0003	0.0086
26.9	0.9094	0.4027	0.3486	0.9001	0.1969	0.4352	0.0348	0.0048
27.0	0.9298	0.3956	0.3974	0.9399	0.1165	0.5403	0.0799	0.0070
27.1	0.9200	0.3903	0.3490	0.9160	0.1006	0.5232	0.1074	0.0082
27.2	0.8931	0.2700	0.1994	0.9011	0.2758	0.4175	0.0082	0.0409
27.3	0.9217	0.1938	0.2162	0.9339	0.1304	0.3236	0.0220	0.0094
27.4	0.9300	0.3730	0.3179	0.9372	0.2599	0.4309	0.0746	0.0741
27.5	0.9072	0.3888	0.3417	0.9066	0.2664	0.4426	0.0486	0.1185
27.6	0.9196	0.2260	0.2291	0.9039	0.2018	0.3540	0.1377	0.2620
27.7	0.9317	0.1911	0.1643	0.9212	0.1257	0.3015	0.1152	0.1349
27.8	0.9363	0.1706	0.0837	0.9288	0.0664	0.3173	0.1132	0.0805
27.9	0.9468	0.2565	0.1603	0.9370	0.0640	0.3647	0.1153	0.1155
28.0	0.9510	0.1623	0.0562	0.9275	0.0039	0.2652	0.1903	0.1362
28.1	0.9538	0.1365	0.0509	0.9214	0.0212	0.2909	0.1514	0.0524
28.2	0.9498	0.2960	0.1281	0.9398	0.0082	0.4576	0.2417	0.0595
28.3	0.9702	0.2579	0.0675	0.9532	0.0333	0.4882	0.2166	0.0863
28.4	0.9593	0.1432	0.0029	0.9496	0.0116	0.2974	0.2023	0.0118
28.5	0.9520	0.0971	0.0404	0.9282	0.0609	0.3132	0.1028	0.0219
28.6	0.9619	0.1081	0.0736	0.9445	0.0457	0.3786	0.1099	0.0752
28.7	0.9709	0.1297	0.1539	0.9632	0.0552	0.4763	0.3207	0.0195
28.8	0.9719	0.1753	0.1696	0.9615	0.0374	0.5464	0.2955	0.0135
28.9	0.9803	0.0690	0.2325	0.9683	0.0401	0.6385	0.3450	0.0418
29.0	0.9840	0.0354	0.3386	0.9753	0.0711	0.7414	0.3196	0.1520
29.1	0.9775	0.1117	0.2729	0.9663	0.0993	0.7210	0.2697	0.1295
29.2	0.9831	0.1026	0.1810	0.9607	0.0843	0.6477	0.2814	0.0642
29.3	0.9772	0.0718	0.1286	0.9544	0.1505	0.7083	0.1875	0.0491
29.4	0.9793	0.0454	0.1987	0.9591	0.1167	0.7523	0.1875	0.1938
29.5	0.9819	0.0162	0.3413	0.9525	0.1046	0.7405	0.2040	0.1678
29.6	0.9788	0.0232	0.2648	0.9432	0.1283	0.7499	0.1819	0.0883
29.7	0.9691	0.1098	0.2454	0.9413	0.0472	0.7431	0.1501	0.1727
29.8	0.9826	0.0469	0.2036	0.9428	0.1605	0.8159	0.0650	0.1734
29.9	0.9824	0.0142	0.0337	0.9134	0.0467	0.5223	0.1909	0.1986
30.0	0.9784	0.0419	0.2860	0.9298	0.1242	0.7716	0.1171	0.1402
30.1	0.9827	0.0204	0.4257	0.9354	0.0055	0.8053	0.0995	0.1112
30.2	0.9863	0.0510	0.5331	0.9493	0.0388	0.8365	0.1914	0.1617
30.3	0.9848	0.0404	0.5533	0.9432	0.0981	0.8447	0.1514	0.1363
30.4	0.9839	0.0365	0.6290	0.9203	0.2062	0.8473	0.1465	0.1377
30.5	0.9831	0.1258	0.6500	0.9131	0.2352	0.8586	0.1392	0.0518
30.6	0.9858	0.0533	0.6293	0.9334	0.1156	0.8781	0.1978	0.0369
30.7	0.9866	0.0228	0.5802	0.9121	0.1775	0.8652	0.2361	0.1290
30.8	0.9826	0.0213	0.5313	0.8833	0.1016	0.8506	0.1984	0.0887
30.9	0.9830	0.0621	0.4307	0.8662	0.2131	0.8403	0.1221	0.1711
31.0	0.9847	0.0294	0.5142	0.9054	0.1364	0.8681	0.2695	0.0771
31.1	0.9868	0.0135	0.5606	0.9012	0.0493	0.8664	0.3664	0.0714
31.2	0.9888	0.0641	0.5798	0.8852	0.1900	0.8650	0.3295	0.0403
31.3	0.9841	0.0393	0.5271	0.8806	0.1848	0.8836	0.3661	0.0390
31.4	0.9820	0.0415	0.3449	0.8159	0.1111	0.8197	0.3277	0.0262
31.5	0.9804	0.0730	0.4300	0.8490	0.0572	0.8229	0.3508	0.0690
31.6	0.9771	0.1717	0.5590	0.8881	0.1517	0.8210	0.3976	0.0953
31.7	0.9764	0.1901	0.5296	0.8619	0.2005	0.7391	0.3346	0.0454
31.8	0.9715	0.0920	0.4780	0.8847	0.2769	0.7994	0.3467	0.0684
31.9	0.9690	0.0383	0.4067	0.8760	0.1930	0.7520	0.4494	0.0135
32.0	0.9562	0.0893	0.4290	0.8656	0.2604	0.6823	0.3371	0.0108
32.1	0.9531	0.0893	0.4625	0.8924	0.1102	0.6809	0.2936	0.0017
32.2	0.9348	0.1587	0.5002	0.8764	0.1384	0.5656	0.2045	0.0277
32.3	0.9416	0.0616	0.2817	0.8950	0.1439	0.6608	0.2897	0.1454
32.4	0.9619	0.1307	0.3867	0.9571	0.2203	0.7507	0.3810	0.2846
32.5	0.9605	0.2215	0.5933	0.9525	0.2792	0.6940	0.3331	0.1579
32.6	0.9751	0.2637	0.7094	0.9583	0.2754	0.7451	0.2524	0.1691
32.7	0.9588	0.1575	0.5249	0.9645	0.2677	0.6745	0.3267	0.1851
32.8	0.9661	0.1356	0.5045	0.9617	0.3027	0.6686	0.4282	0.1354
32.9	0.9691	0.2034	0.6001	0.9716	0.3650	0.6773	0.4474	0.1399
33.0	0.9753	0.1539	0.5960	0.9718	0.2576	0.7034	0.3365	0.1932
33.1	0.9824	0.1535	0.5704	0.9740	0.3562	0.7344	0.4250	0.1883
33.2	0.9839	0.2754	0.6548	0.9822	0.2811	0.7350	0.5839	0.1668
33.3	0.9809	0.1750	0.5267	0.9816	0.2786	0.7531	0.5103	0.1000
33.4	0.9727	0.2448	0.4945	0.9784	0.3972	0.7059	0.4613	0.1255
33.5	0.9798	0.3195	0.5696	0.9840	0.5300	0.7720	0.4124	0.2542
33.6	0.9738	0.2685	0.4169	0.9726	0.4130	0.7268	0.4341	0.2341
33.7	0.9585	0.4317	0.3158	0.9690	0.3267	0.6716	0.2569	0.2688

33.8	0.9715	0.4218	0.3264	0.9711	0.3356	0.7526	0.4397	0.4347
33.9	0.9692	0.4607	0.3802	0.9706	0.3986	0.7181	0.4849	0.4051
34.0	0.9790	0.5944	0.6032	0.9775	0.2658	0.7458	0.5226	0.4217
34.1	0.9843	0.6003	0.7022	0.9836	0.2532	0.8521	0.5937	0.5913
34.2	0.9808	0.6785	0.6383	0.9776	0.3112	0.7934	0.6612	0.5903
34.3	0.9827	0.6911	0.6381	0.9765	0.1108	0.7756	0.5320	0.4642
34.4	0.9875	0.7659	0.6881	0.9798	0.0942	0.7670	0.5193	0.5091
34.5	0.9896	0.7966	0.7038	0.9811	0.0509	0.7413	0.5728	0.5879
34.6	0.9887	0.8010	0.8101	0.9786	0.1076	0.7782	0.5325	0.5889
34.7	0.9905	0.8107	0.7946	0.9835	0.0024	0.7745	0.5722	0.5844
34.8	0.9892	0.8144	0.7700	0.9813	0.0439	0.7116	0.4691	0.5640
34.9	0.9911	0.8428	0.7524	0.9827	0.0087	0.7063	0.4637	0.5677
35.0	0.9928	0.8071	0.8016	0.9837	0.0815	0.7481	0.4015	0.5480
35.1	0.9929	0.8021	0.8639	0.9848	0.0845	0.7807	0.4952	0.6076
35.2	0.9886	0.7481	0.7693	0.9728	0.0468	0.7355	0.3319	0.5019
35.3	0.9926	0.7594	0.7697	0.9779	0.0961	0.7662	0.3915	0.5562
35.4	0.9916	0.7087	0.8186	0.9816	0.0288	0.7931	0.3148	0.4524
35.5	0.9847	0.5656	0.7860	0.9707	0.0054	0.7745	0.1328	0.2489
35.6	0.9916	0.6682	0.8384	0.9802	0.0369	0.8269	0.2508	0.4004
35.7	0.9925	0.6790	0.8486	0.9857	0.0333	0.8391	0.1728	0.4206
35.8	0.9938	0.6971	0.8766	0.9897	0.1363	0.8941	0.1508	0.4622
35.9	0.9932	0.6436	0.8580	0.9905	0.0929	0.8657	0.0442	0.3941
36.0	0.9927	0.6217	0.8412	0.9858	0.2592	0.8558	0.0125	0.4402
36.1	0.9926	0.7532	0.8846	0.9894	0.2453	0.8907	0.0129	0.5321
36.2	0.9939	0.8167	0.8876	0.9924	0.4331	0.9114	0.0263	0.5777
36.3	0.9930	0.7084	0.8640	0.9910	0.3395	0.9087	0.0633	0.5843
36.4	0.9915	0.7146	0.8382	0.9885	0.3599	0.9058	0.1318	0.6082
36.5	0.9935	0.7845	0.8380	0.9924	0.5536	0.9269	0.3218	0.7079
36.6	0.9909	0.7992	0.8260	0.9891	0.5878	0.9251	0.4117	0.6374
36.7	0.9923	0.8708	0.8165	0.9901	0.7111	0.9486	0.4037	0.6862
36.8	0.9924	0.8561	0.7969	0.9920	0.7569	0.9479	0.3029	0.6617
36.9	0.9912	0.8377	0.7389	0.9894	0.7655	0.9420	0.3063	0.6008
37.0	0.9921	0.8791	0.7978	0.9905	0.8205	0.9591	0.4614	0.6497
37.1	0.9920	0.8272	0.7870	0.9897	0.8224	0.9658	0.3116	0.6247
37.2	0.9904	0.8443	0.7818	0.9889	0.8426	0.9612	0.2359	0.6554
37.3	0.9898	0.8606	0.7775	0.9872	0.8122	0.9608	0.3235	0.6782
37.4	0.9896	0.8769	0.7553	0.9861	0.8299	0.9662	0.4236	0.7123
37.5	0.9939	0.8928	0.7736	0.9922	0.8994	0.9702	0.4425	0.6924
37.6	0.9939	0.9065	0.7650	0.9922	0.9251	0.9668	0.2441	0.7302
37.7	0.9952	0.8949	0.8372	0.9928	0.9445	0.9746	0.3592	0.7914
37.8	0.9946	0.8617	0.8741	0.9924	0.9288	0.9686	0.3467	0.8088
37.9	0.9942	0.8878	0.8991	0.9924	0.9447	0.9743	0.2125	0.7849
38.0	0.9940	0.8917	0.8857	0.9927	0.9428	0.9614	0.1716	0.7018
38.1	0.9931	0.8858	0.8983	0.9918	0.9532	0.9631	0.0960	0.6348
38.2	0.9940	0.8392	0.9293	0.9922	0.9566	0.9712	0.0751	0.7037
38.3	0.9948	0.7997	0.9264	0.9934	0.9667	0.9680	0.0616	0.7446
38.4	0.9942	0.7995	0.9375	0.9939	0.9642	0.9712	0.0266	0.7266
38.5	0.9922	0.7610	0.9517	0.9915	0.9698	0.9679	0.0257	0.6439
38.6	0.9947	0.7472	0.9545	0.9936	0.9761	0.9760	0.0704	0.7729
38.7	0.9954	0.7059	0.9566	0.9945	0.9751	0.9722	0.0779	0.7867
38.8	0.9938	0.5692	0.9604	0.9922	0.9694	0.9682	0.0355	0.7915
38.9	0.9943	0.6733	0.9645	0.9925	0.9620	0.9664	0.0658	0.8294
39.0	0.9945	0.7265	0.9593	0.9929	0.9705	0.9572	0.1290	0.8175
39.1	0.9932	0.8237	0.9704	0.9931	0.9770	0.9670	0.3229	0.8731
39.2	0.9917	0.7279	0.9699	0.9912	0.9700	0.9632	0.3658	0.8416
39.3	0.9919	0.7946	0.9793	0.9912	0.9803	0.9638	0.5298	0.8889
39.4	0.9909	0.8912	0.9732	0.9905	0.9791	0.9569	0.5863	0.9164
39.5	0.9916	0.8727	0.9686	0.9910	0.9680	0.9502	0.5803	0.8920
39.6	0.9940	0.8571	0.9771	0.9926	0.9757	0.9650	0.7041	0.8805
39.7	0.9945	0.8800	0.9770	0.9935	0.9631	0.9605	0.8049	0.8754
39.8	0.9929	0.9135	0.9790	0.9918	0.9651	0.9564	0.7997	0.8825
39.9	0.9899	0.9056	0.9793	0.9908	0.9712	0.9493	0.7857	0.8807
40.0	0.9886	0.9064	0.9738	0.9905	0.9667	0.9316	0.7583	0.8627
40.1	0.9905	0.9224	0.9705	0.9904	0.9582	0.9382	0.7689	0.8698
40.2	0.9844	0.8822	0.9635	0.9855	0.9471	0.9212	0.7509	0.8156
40.3	0.9893	0.9044	0.9641	0.9901	0.9572	0.9138	0.8328	0.8646
40.4	0.9896	0.8845	0.9566	0.9887	0.9540	0.8912	0.8239	0.8557
40.5	0.9887	0.9105	0.9475	0.9882	0.9521	0.8817	0.8153	0.8395
40.6	0.9842	0.8893	0.9240	0.9826	0.9373	0.8625	0.7834	0.8027
40.7	0.9859	0.8928	0.9154	0.9849	0.9465	0.8552	0.8216	0.8225
40.8	0.9922	0.9186	0.9340	0.9915	0.9514	0.8866	0.8518	0.8433
40.9	0.9902	0.9009	0.9353	0.9892	0.9576	0.8828	0.8890	0.8465
41.0	0.9883	0.8823	0.8520	0.9853	0.9449	0.8362	0.8185	0.7965
41.1	0.9927	0.9033	0.8979	0.9917	0.9502	0.8862	0.8425	0.8369
41.2	0.9922	0.9287	0.9049	0.9910	0.9463	0.9007	0.8725	0.8446
41.3	0.9885	0.9011	0.8618	0.9867	0.9411	0.8703	0.8165	0.7698
41.4	0.9877	0.9124	0.8734	0.9869	0.9161	0.8557	0.8600	0.7698
41.5	0.9887	0.9181	0.9198	0.9867	0.9171	0.8680	0.8415	0.7343
41.6	0.9920	0.9301	0.9259	0.9895	0.9341	0.8748	0.8647	0.8046
41.7	0.9919	0.9142	0.8983	0.9897	0.9470	0.8839	0.8725	0.7913
41.8	0.9928	0.9071	0.9235	0.9910	0.9355	0.8722	0.8757	0.7991
41.9	0.9924	0.9060	0.9405	0.9911	0.9481	0.9120	0.8420	0.8164
42.0	0.9923	0.9132	0.9506	0.9892	0.9562	0.9099	0.7819	0.7991
42.1	0.9926	0.8797	0.9613	0.9912	0.9354	0.8910	0.7938	0.7727
42.2	0.9921	0.8465	0.9294	0.9906	0.8716	0.8847	0.8383	0.7008
42.3	0.9895	0.8532	0.9102	0.9878	0.8703	0.9083	0.8487	0.6698

42.4	0.9928	0.9200	0.9548	0.9923	0.9036	0.9354	0.8737	0.7417
42.5	0.9925	0.9429	0.9607	0.9925	0.8813	0.9043	0.8131	0.7825
42.6	0.9906	0.9077	0.9388	0.9897	0.8769	0.8524	0.7477	0.6556
42.7	0.9872	0.9244	0.9081	0.9879	0.8704	0.8079	0.7444	0.6722
42.8	0.9891	0.9335	0.9667	0.9908	0.8840	0.8933	0.7835	0.6367
42.9	0.9922	0.9210	0.9792	0.9918	0.9120	0.9177	0.7719	0.7208
43.0	0.9882	0.6817	0.9725	0.9883	0.9205	0.8990	0.6465	0.5570
43.1	0.9884	0.9151	0.9549	0.9883	0.8855	0.8708	0.6464	0.5697
43.2	0.9876	0.9133	0.9710	0.9889	0.9093	0.9022	0.6464	0.6122
43.3	0.9876	0.8899	0.9683	0.9882	0.8822	0.8948	0.6209	0.6397
43.4	0.9896	0.8240	0.9697	0.9894	0.8984	0.8601	0.6790	0.7149
43.5	0.9856	0.8198	0.9611	0.9865	0.8186	0.7865	0.7113	0.5767
43.6	0.9858	0.8918	0.9627	0.9853	0.7571	0.7967	0.6731	0.5845
43.7	0.9884	0.7645	0.9538	0.9865	0.8663	0.8361	0.6968	0.7157
43.8	0.9848	0.8421	0.9232	0.9844	0.8543	0.7817	0.6434	0.5996
43.9	0.9880	0.8922	0.9687	0.9870	0.8288	0.8618	0.6433	0.6988
44.0	0.9887	0.9024	0.9628	0.9874	0.9006	0.9060	0.6547	0.6833
44.1	0.9881	0.8562	0.9259	0.9850	0.7575	0.8046	0.6324	0.7287
44.2	0.9881	0.9024	0.9239	0.9860	0.7627	0.8145	0.5955	0.6842
44.3	0.9867	0.9273	0.9025	0.9848	0.7615	0.7030	0.6029	0.6673
44.4	0.9818	0.7956	0.7825	0.9785	0.7599	0.6573	0.5054	0.5696
44.5	0.9708	0.8733	0.8244	0.9732	0.8269	0.5934	0.5350	0.4348
44.6	0.9722	0.7521	0.8701	0.9732	0.7921	0.6112	0.3742	0.3216
44.7	0.9810	0.6866	0.8875	0.9789	0.8275	0.7731	0.3706	0.6177
44.8	0.9833	0.8921	0.8334	0.9841	0.8116	0.6175	0.4299	0.4765
44.9	0.9834	0.8749	0.9252	0.9818	0.7872	0.7438	0.5289	0.7008
45.0	0.9789	0.6298	0.7731	0.9746	0.8312	0.2634	0.3293	0.5921
45.1	0.9765	0.5743	0.8498	0.9736	0.7641	0.3843	0.4828	0.4592
45.2	0.9818	0.7855	0.7668	0.9789	0.8267	0.5197	0.3504	0.6089
45.3	0.9845	0.6499	0.7018	0.9805	0.7917	0.2687	0.2915	0.5301
45.4	0.9749	0.0332	0.7096	0.9760	0.8331	0.2443	0.2727	0.5093
45.5	0.9723	0.5015	0.7400	0.9733	0.7571	0.4070	0.2863	0.5964
45.6	0.9806	0.7317	0.8564	0.9811	0.7600	0.4808	0.2916	0.6091
45.7	0.9842	0.6319	0.8745	0.9839	0.8433	0.4852	0.5063	0.6746
45.8	0.9754	0.7197	0.7457	0.9743	0.7945	0.1680	0.3788	0.3936
45.9	0.9715	0.4528	0.6864	0.9735	0.8354	0.1715	0.4373	0.2155
46.0	0.9752	0.6005	0.7565	0.9762	0.8430	0.1155	0.6026	0.4112
46.1	0.9765	0.1265	0.7519	0.9766	0.7669	0.2046	0.5801	0.4434
46.2	0.9744	0.3810	0.6770	0.9755	0.7525	0.0370	0.6086	0.4219
46.3	0.9646	0.2433	0.5954	0.9675	0.7364	0.0742	0.5138	0.4035
46.4	0.9719	0.3634	0.7039	0.9763	0.7340	0.1192	0.6427	0.5499
46.5	0.9789	0.2338	0.5953	0.9803	0.8036	0.2278	0.4799	0.5331
46.6	0.9774	0.5184	0.6691	0.9783	0.7400	0.0299	0.6423	0.6290
46.7	0.9823	0.7264	0.7038	0.9791	0.6271	0.1840	0.7240	0.6875
46.8	0.9827	0.8508	0.6187	0.9804	0.6144	0.2731	0.7625	0.6420
46.9	0.9799	0.8107	0.7083	0.9785	0.6842	0.6046	0.8569	0.6583
47.0	0.9834	0.8680	0.7416	0.9813	0.7110	0.5231	0.8159	0.8047
47.1	0.9871	0.8359	0.7917	0.9848	0.7556	0.6431	0.8096	0.7856
47.2	0.9800	0.6107	0.7644	0.9764	0.6802	0.5434	0.8112	0.7217
47.3	0.9850	0.8288	0.8152	0.9828	0.7361	0.7124	0.8577	0.8058
47.4	0.9876	0.8885	0.8875	0.9871	0.7559	0.8485	0.8568	0.8691
47.5	0.9847	0.7742	0.7025	0.9803	0.6710	0.6706	0.7587	0.7846
47.6	0.9886	0.8420	0.7053	0.9874	0.8331	0.7430	0.8212	0.8370
47.7	0.9882	0.6416	0.5119	0.9861	0.8525	0.5763	0.8155	0.7467
47.8	0.9847	0.4226	0.5604	0.9850	0.7389	0.3270	0.7277	0.5512
47.9	0.9885	0.8082	0.5138	0.9892	0.8294	0.6072	0.7520	0.6380
48.0	0.9873	0.8413	0.7143	0.9880	0.7675	0.6221	0.7844	0.5960
48.1	0.9763	0.7272	0.4960	0.9788	0.7656	0.4019	0.7201	0.4732
48.2	0.9817	0.5723	0.4541	0.9826	0.7429	0.4807	0.6674	0.4158
48.3	0.9800	0.6027	0.2234	0.9792	0.6880	0.4530	0.5714	0.3708
48.4	0.9827	0.5140	0.3158	0.9844	0.7628	0.4677	0.6078	0.3588
48.5	0.9771	0.8243	0.4793	0.9784	0.7828	0.5881	0.6199	0.4788
48.6	0.9738	0.6150	0.3551	0.9782	0.7682	0.5041	0.5685	0.5113
48.7	0.9842	0.7591	0.4599	0.9839	0.6862	0.4988	0.5691	0.5019
48.8	0.9818	0.5867	0.4250	0.9838	0.8199	0.4361	0.6055	0.3802
48.9	0.9782	0.4620	0.4536	0.9828	0.7571	0.2690	0.6661	0.2966
49.0	0.9821	0.5345	0.6154	0.9819	0.8410	0.4012	0.7346	0.4015
49.1	0.9839	0.6369	0.6206	0.9818	0.7966	0.5621	0.7958	0.4391
49.2	0.9787	0.5321	0.5455	0.9749	0.7901	0.4122	0.8431	0.2808
49.3	0.9741	0.1103	0.2942	0.9790	0.7940	0.3198	0.7586	0.2414
49.4	0.9788	0.1191	0.3831	0.9828	0.7518	0.2980	0.8023	0.3105
49.5	0.9776	0.3121	0.4085	0.9771	0.7161	0.4318	0.8078	0.3759
49.6	0.9815	0.4497	0.3922	0.9832	0.8038	0.4429	0.8562	0.2759
49.7	0.9860	0.5354	0.4578	0.9879	0.7690	0.4817	0.8835	0.3409
49.8	0.9788	0.0576	0.3596	0.9826	0.7860	0.4431	0.8635	0.3867
49.9	0.9706	0.1878	0.1784	0.9743	0.8288	0.5080	0.8579	0.3681
50.0	0.9619	0.1713	0.0797	0.9623	0.7969	0.5142	0.8742	0.4308
50.1	0.9649	0.2260	0.1997	0.9617	0.7814	0.6035	0.9082	0.5562
50.2	0.9632	0.2031	0.0336	0.9664	0.7375	0.4256	0.8964	0.3145
50.3	0.9727	0.1272	0.0230	0.9742	0.7865	0.4658	0.9010	0.4004
50.4	0.9735	0.2632	0.0711	0.9746	0.8651	0.7256	0.9175	0.6685
50.5	0.9754	0.4080	0.2830	0.9765	0.8771	0.7255	0.9231	0.6482
50.6	0.9740	0.2998	0.3944	0.9754	0.7695	0.7721	0.9264	0.6652
50.7	0.9694	0.1843	0.2717	0.9697	0.8395	0.7299	0.9385	0.5893
50.8	0.9798	0.2811	0.4413	0.9794	0.8396	0.7759	0.9478	0.6433
50.9	0.9744	0.1841	0.2694	0.9751	0.8384	0.7539	0.9452	0.6956

51.0	0.9667	0.2454	0.3635	0.9719	0.8724	0.7639	0.9514	0.6713
51.1	0.9744	0.3257	0.5020	0.9751	0.8496	0.8244	0.9591	0.7598
51.2	0.9621	0.1920	0.3174	0.9684	0.8378	0.6944	0.9463	0.6074
51.3	0.9783	0.3376	0.4798	0.9807	0.8329	0.7544	0.9590	0.6231
51.4	0.9756	0.4259	0.6363	0.9747	0.8737	0.8092	0.9575	0.7287
51.5	0.9759	0.4621	0.6558	0.9768	0.8388	0.7892	0.9592	0.6764
51.6	0.9731	0.4575	0.6839	0.9747	0.8250	0.7551	0.9563	0.5913
51.7	0.9791	0.6193	0.8540	0.9781	0.8789	0.8361	0.9546	0.6793
51.8	0.9758	0.5638	0.8703	0.9723	0.8909	0.8434	0.9532	0.7190
51.9	0.9777	0.4667	0.8906	0.9738	0.8603	0.8475	0.9503	0.7079
52.0	0.9757	0.5270	0.9373	0.9759	0.9007	0.8904	0.9649	0.7858
52.1	0.9777	0.3890	0.9188	0.9771	0.8924	0.8475	0.9709	0.7097
52.2	0.9720	0.3225	0.9471	0.9702	0.8603	0.8473	0.9552	0.6642
52.3	0.9795	0.1363	0.8967	0.9811	0.8454	0.8297	0.9556	0.6088
52.4	0.9772	0.2005	0.8812	0.9766	0.8439	0.7861	0.9585	0.5327
52.5	0.9805	0.3976	0.9292	0.9812	0.8144	0.8950	0.9641	0.7798
52.6	0.9726	0.1162	0.8475	0.9760	0.5073	0.7934	0.9551	0.6564
52.7	0.9782	0.0287	0.8583	0.9778	0.5550	0.7546	0.9589	0.5527
52.8	0.9809	0.1534	0.9279	0.9764	0.5208	0.8194	0.9619	0.6744
52.9	0.9780	0.0418	0.8117	0.9713	0.3631	0.7087	0.9447	0.4986
53.0	0.9776	0.0862	0.7699	0.9713	0.2055	0.6049	0.9409	0.3704
53.1	0.9719	0.0286	0.8532	0.9719	0.0188	0.7637	0.9402	0.6198
53.2	0.9827	0.2425	0.8795	0.9849	0.0703	0.8107	0.9615	0.6013
53.3	0.9857	0.3241	0.8586	0.9831	0.0153	0.7375	0.9628	0.5135
53.4	0.9809	0.4169	0.9081	0.9824	0.2810	0.8126	0.9559	0.6254
53.5	0.9845	0.5152	0.9089	0.9816	0.2517	0.8069	0.9490	0.5818
53.6	0.9865	0.4986	0.9010	0.9822	0.2183	0.7539	0.9469	0.4706
53.7	0.9866	0.4773	0.8662	0.9842	0.2832	0.7514	0.9497	0.4924
53.8	0.9866	0.4825	0.8377	0.9788	0.2177	0.6093	0.9350	0.2404
53.9	0.9899	0.5789	0.8573	0.9815	0.3382	0.5744	0.9301	0.2020
54.0	0.9865	0.5932	0.8079	0.9836	0.5356	0.5965	0.9288	0.3203
54.1	0.9843	0.5766	0.7459	0.9815	0.5514	0.5781	0.9236	0.4264
54.2	0.9837	0.5212	0.8880	0.9749	0.5053	0.7313	0.8825	0.4773
54.3	0.9775	0.5768	0.7304	0.9710	0.3762	0.5513	0.8101	0.2141
54.4	0.9821	0.6099	0.6944	0.9733	0.3844	0.3849	0.8183	0.0481
54.5	0.9817	0.7218	0.7037	0.9641	0.4970	0.2947	0.8281	0.0050
54.6	0.9806	0.8285	0.7923	0.9644	0.5092	0.3211	0.7826	0.0907
54.7	0.9850	0.8439	0.8586	0.9783	0.7705	0.5342	0.8502	0.0084
54.8	0.9858	0.7323	0.7988	0.9719	0.7481	0.5928	0.8491	0.0929
54.9	0.9790	0.6134	0.6987	0.9630	0.6710	0.4144	0.7597	0.0705
55.0	0.9834	0.7702	0.8238	0.9726	0.7615	0.5345	0.8172	0.0712
55.1	0.9804	0.7888	0.8127	0.9666	0.7434	0.4066	0.8256	0.1435
55.2	0.9844	0.8288	0.8207	0.9689	0.7425	0.2383	0.8426	0.3158
55.3	0.9743	0.7652	0.7987	0.9618	0.7031	0.2328	0.7946	0.3243
55.4	0.9767	0.8182	0.8047	0.9674	0.7560	0.2038	0.8608	0.3893
55.5	0.9798	0.8701	0.8447	0.9686	0.7465	0.4794	0.8785	0.4794
55.6	0.9823	0.8201	0.8544	0.9669	0.7151	0.4520	0.8134	0.4203
55.7	0.9783	0.8718	0.8655	0.9751	0.7260	0.4005	0.8446	0.6086
55.8	0.9698	0.9107	0.8681	0.9630	0.6777	0.2079	0.8468	0.7459
55.9	0.9747	0.8929	0.8381	0.9660	0.5768	0.0937	0.8483	0.7649
56.0	0.9729	0.8711	0.8170	0.9646	0.5622	0.1446	0.8677	0.7703
56.1	0.9709	0.8492	0.8687	0.9530	0.6435	0.2818	0.8359	0.7837
56.2	0.9653	0.8830	0.8309	0.9480	0.5234	0.0651	0.8700	0.8302
56.3	0.9657	0.9004	0.8062	0.9457	0.3092	0.1416	0.8854	0.8539
56.4	0.9535	0.8910	0.7986	0.9327	0.1708	0.3474	0.9029	0.8817
56.5	0.9507	0.8796	0.7980	0.9250	0.4000	0.3805	0.8982	0.8809
56.6	0.9556	0.9025	0.7696	0.9208	0.5474	0.4556	0.8687	0.8741
56.7	0.9641	0.9259	0.7812	0.9394	0.6858	0.6820	0.8807	0.9040
56.8	0.9660	0.9175	0.7708	0.9345	0.6710	0.7012	0.8905	0.9089
56.9	0.9482	0.8924	0.6846	0.9173	0.6887	0.7361	0.8736	0.8998
57.0	0.9531	0.8994	0.6125	0.9174	0.7342	0.7693	0.8906	0.9178
57.1	0.9493	0.9023	0.5004	0.9197	0.7498	0.7876	0.8497	0.8971
57.2	0.9355	0.9086	0.2320	0.9108	0.7711	0.8682	0.8322	0.9002
57.3	0.9176	0.8795	0.3685	0.9116	0.6314	0.7975	0.7725	0.8478
57.4	0.9062	0.9021	0.5131	0.9057	0.7416	0.8424	0.8393	0.8889
57.5	0.9324	0.8999	0.4348	0.9321	0.7730	0.8662	0.8640	0.9030
57.6	0.9224	0.9023	0.2477	0.9369	0.8147	0.8923	0.8570	0.9099
57.7	0.9078	0.9019	0.2343	0.9330	0.7710	0.8939	0.8532	0.9047
57.8	0.9018	0.9034	0.3033	0.9376	0.7706	0.9188	0.8526	0.9092
57.9	0.9084	0.8967	0.2984	0.9438	0.7894	0.9201	0.8233	0.9043
58.0	0.8749	0.9056	0.4622	0.9385	0.7623	0.9139	0.8126	0.8875
58.1	0.8407	0.8940	0.3163	0.9401	0.7721	0.9185	0.8001	0.8774
58.2	0.8204	0.8932	0.3152	0.9142	0.7068	0.9189	0.7732	0.8898
58.3	0.8269	0.9167	0.5227	0.9201	0.7155	0.9386	0.8075	0.8918
58.4	0.8695	0.9142	0.6995	0.9331	0.8111	0.9615	0.8066	0.9059
58.5	0.8977	0.9313	0.6230	0.9562	0.7660	0.9579	0.7950	0.8890
58.6	0.8260	0.9147	0.6124	0.9562	0.7240	0.9413	0.7954	0.8917
58.7	0.8095	0.8825	0.7374	0.9503	0.7068	0.9446	0.6785	0.8452
58.8	0.8002	0.9168	0.7578	0.9504	0.8357	0.9538	0.7439	0.8657
58.9	0.8129	0.9487	0.8131	0.9631	0.8737	0.9705	0.8138	0.9045
59.0	0.7782	0.9445	0.7854	0.9500	0.8786	0.9614	0.7646	0.8887
59.1	0.7284	0.9275	0.8051	0.9464	0.8650	0.9595	0.7109	0.8907
59.2	0.8254	0.9430	0.8640	0.9565	0.8939	0.9734	0.7726	0.9083
59.3	0.8220	0.9418	0.8600	0.9535	0.8977	0.9653	0.7540	0.8877
59.4	0.8171	0.9257	0.8757	0.9493	0.8858	0.9617	0.7862	0.8963
59.5	0.8324	0.9319	0.8608	0.9366	0.9197	0.9719	0.7837	0.8920

59.6	0.8563	0.9322	0.8053	0.9319	0.8935	0.9740	0.7564	0.8722
59.7	0.8515	0.9419	0.7904	0.9345	0.9213	0.9720	0.7283	0.8646
59.8	0.8474	0.9578	0.6873	0.9411	0.9414	0.9769	0.7807	0.9104
59.9	0.8243	0.9356	0.3462	0.9172	0.9253	0.9696	0.7014	0.8498
60.0	0.8735	0.9153	0.0526	0.8878	0.8803	0.9383	0.2459	0.8719
60.1	0.8965	0.9578	0.4308	0.9259	0.9543	0.9747	0.7166	0.9076
60.2	0.8984	0.9533	0.7648	0.9151	0.9472	0.9749	0.7357	0.8961
60.3	0.8963	0.9501	0.8242	0.9104	0.9503	0.9721	0.7688	0.9059
60.4	0.9165	0.9356	0.8792	0.8907	0.9474	0.9656	0.6781	0.8936
60.5	0.9370	0.9603	0.9398	0.9203	0.9654	0.9803	0.7194	0.9164
60.6	0.9294	0.9392	0.9225	0.8741	0.9453	0.9716	0.7049	0.8613
60.7	0.9265	0.9416	0.9454	0.8604	0.9411	0.9734	0.7432	0.8758
60.8	0.9364	0.9539	0.9419	0.8753	0.9569	0.9748	0.7250	0.9020
60.9	0.9556	0.9411	0.9482	0.8613	0.9543	0.9743	0.7035	0.8991
61.0	0.9696	0.9511	0.9689	0.8386	0.9583	0.9807	0.7644	0.9093
61.1	0.9568	0.9509	0.9648	0.7598	0.9538	0.9783	0.7717	0.8994
61.2	0.9551	0.9585	0.9606	0.7939	0.9637	0.9794	0.8271	0.9163
61.3	0.9669	0.9507	0.9612	0.7613	0.9587	0.9774	0.7958	0.9002
61.4	0.9582	0.9257	0.9651	0.6364	0.9457	0.9663	0.7445	0.8646
61.5	0.9738	0.9483	0.9711	0.6654	0.9646	0.9751	0.7974	0.9038
61.6	0.9840	0.9475	0.9708	0.4567	0.9595	0.9770	0.8062	0.9227
61.7	0.9645	0.9454	0.9702	0.2758	0.9569	0.9740	0.8010	0.9147
61.8	0.9477	0.9329	0.9564	0.2478	0.9435	0.9683	0.8164	0.8806
61.9	0.9600	0.9413	0.9631	0.0010	0.9520	0.9709	0.7885	0.8798
62.0	0.9696	0.9588	0.9727	0.0760	0.9618	0.9779	0.8326	0.9025
62.1	0.9649	0.9556	0.9682	0.3186	0.9653	0.9790	0.8399	0.9182
62.2	0.9741	0.9537	0.9730	0.5543	0.9578	0.9830	0.8704	0.9206
62.3	0.9631	0.9546	0.9694	0.6672	0.9601	0.9791	0.8817	0.8911
62.4	0.9534	0.9556	0.9657	0.6277	0.9568	0.9798	0.8943	0.8672
62.5	0.9542	0.9583	0.9746	0.7802	0.9577	0.9835	0.9081	0.8695
62.6	0.9551	0.9678	0.9699	0.8025	0.9640	0.9847	0.9156	0.8968
62.7	0.9590	0.9641	0.9680	0.7768	0.9621	0.9847	0.9096	0.9046
62.8	0.9515	0.9663	0.9623	0.8095	0.9670	0.9850	0.9085	0.9221
62.9	0.9503	0.9652	0.9566	0.8087	0.9600	0.9855	0.9134	0.8989
63.0	0.9542	0.9618	0.9670	0.7937	0.9534	0.9846	0.9065	0.8499
63.1	0.9393	0.9564	0.9620	0.7998	0.9483	0.9853	0.9103	0.8852
63.2	0.9337	0.9540	0.9630	0.8141	0.9449	0.9838	0.9171	0.8678
63.3	0.9499	0.9666	0.9663	0.8478	0.9631	0.9865	0.9324	0.8109
63.4	0.9531	0.9730	0.9693	0.8599	0.9578	0.9873	0.9386	0.8387
63.5	0.9404	0.9586	0.9573	0.8174	0.9394	0.9838	0.9278	0.7904
63.6	0.9371	0.9604	0.9574	0.8177	0.9417	0.9879	0.9248	0.7795
63.7	0.9565	0.9683	0.9627	0.8255	0.9572	0.9898	0.9414	0.8677
63.8	0.9580	0.9650	0.9600	0.7941	0.9417	0.9889	0.9522	0.8327
63.9	0.9450	0.9469	0.9615	0.7868	0.9065	0.9836	0.9213	0.7430
64.0	0.9530	0.9518	0.9632	0.7879	0.9011	0.9850	0.9321	0.8019
64.1	0.9457	0.9540	0.9590	0.8197	0.9120	0.9838	0.9189	0.8186
64.2	0.9535	0.9423	0.9494	0.8213	0.8856	0.9836	0.9111	0.8148
64.3	0.9514	0.9472	0.9568	0.8162	0.8690	0.9855	0.9330	0.8238
64.4	0.9510	0.9542	0.9663	0.8482	0.8934	0.9871	0.9338	0.8027
64.5	0.9518	0.9440	0.9542	0.8290	0.8914	0.9843	0.9371	0.7971
64.6	0.9583	0.9413	0.9556	0.8353	0.8650	0.9841	0.9282	0.8456
64.7	0.9692	0.9469	0.9626	0.8717	0.8298	0.9847	0.9382	0.8570
64.8	0.9673	0.9483	0.9645	0.8668	0.8503	0.9849	0.9548	0.8343
64.9	0.9767	0.9656	0.9674	0.8827	0.8736	0.9853	0.9415	0.8523
65.0	0.9732	0.9516	0.9607	0.8826	0.8648	0.9834	0.9290	0.8570
65.1	0.9609	0.9382	0.9570	0.8180	0.7886	0.9820	0.9312	0.8524
65.2	0.9559	0.9411	0.9521	0.7813	0.7481	0.9796	0.9272	0.8507
65.3	0.9621	0.9344	0.9629	0.8113	0.7326	0.9827	0.9344	0.8400
65.4	0.9580	0.9148	0.9713	0.8616	0.7665	0.9833	0.9520	0.8412
65.5	0.9648	0.9308	0.9662	0.8485	0.8095	0.9831	0.9520	0.8559
65.6	0.9681	0.9452	0.9644	0.8471	0.8511	0.9814	0.9380	0.8408
65.7	0.9645	0.9404	0.9684	0.8840	0.8624	0.9839	0.9446	0.8790
65.8	0.9566	0.9442	0.9581	0.8604	0.8796	0.9770	0.9294	0.8668
65.9	0.9420	0.9355	0.9563	0.8549	0.8274	0.9755	0.9111	0.8481
66.0	0.9495	0.9198	0.9537	0.8753	0.8222	0.9700	0.9160	0.8475
66.1	0.9660	0.9415	0.9674	0.8895	0.8766	0.9781	0.9266	0.8537
66.2	0.9719	0.9557	0.9677	0.8946	0.8644	0.9796	0.9292	0.8414
66.3	0.9475	0.9153	0.9508	0.8828	0.8361	0.9666	0.9098	0.8210
66.4	0.9280	0.8963	0.9457	0.8703	0.7992	0.9584	0.8846	0.8215
66.5	0.9263	0.9201	0.9550	0.8914	0.8193	0.9681	0.9125	0.8494
66.6	0.9247	0.9181	0.9399	0.8957	0.8662	0.9548	0.8986	0.8115
66.7	0.9431	0.9133	0.9397	0.8878	0.7964	0.9566	0.8796	0.7853
66.8	0.9435	0.9029	0.9504	0.8718	0.7370	0.9628	0.8992	0.7760
66.9	0.9152	0.8796	0.9365	0.8614	0.7491	0.9528	0.8949	0.7817
67.0	0.9027	0.8576	0.9358	0.8808	0.7108	0.9537	0.8770	0.7741
67.1	0.9190	0.8958	0.9500	0.8983	0.7810	0.9633	0.9147	0.8405
67.2	0.9064	0.9181	0.9416	0.8844	0.7577	0.9554	0.9192	0.8281
67.3	0.8996	0.9050	0.9220	0.8314	0.7124	0.9374	0.8461	0.7607
67.4	0.8997	0.9139	0.9250	0.8592	0.8014	0.9383	0.8512	0.7646
67.5	0.9055	0.9269	0.9199	0.8435	0.7291	0.9292	0.8815	0.7517
67.6	0.8947	0.9053	0.8934	0.7700	0.6600	0.9076	0.8426	0.6824
67.7	0.9027	0.9317	0.9323	0.8073	0.7938	0.9439	0.8936	0.7439
67.8	0.8603	0.9181	0.9242	0.8009	0.7335	0.9381	0.8990	0.7739
67.9	0.8238	0.9228	0.9329	0.8000	0.7393	0.9442	0.8933	0.7770
68.0	0.8248	0.9191	0.9260	0.7571	0.7792	0.9391	0.8814	0.7889
68.1	0.8336	0.9111	0.9171	0.7490	0.7659	0.9350	0.8864	0.7957

68.2	0.8552	0.9026	0.9065	0.7331	0.7630	0.9283	0.8676	0.7406
68.3	0.8270	0.9103	0.8727	0.6629	0.7347	0.9024	0.8462	0.7257
68.4	0.7722	0.9400	0.8774	0.6046	0.7815	0.9069	0.8514	0.7415
68.5	0.6450	0.8936	0.8326	0.3900	0.7449	0.8638	0.7692	0.5645
68.6	0.6580	0.8572	0.8476	0.3935	0.6610	0.8744	0.8103	0.6470
68.7	0.6855	0.8959	0.8577	0.4046	0.7121	0.8918	0.8209	0.6977
68.8	0.7039	0.9169	0.8451	0.3974	0.6752	0.8711	0.8135	0.7032
68.9	0.7015	0.9128	0.8580	0.3048	0.7380	0.8763	0.8570	0.6921
69.0	0.6745	0.9070	0.8434	0.1624	0.7047	0.8630	0.8108	0.5960
69.1	0.5910	0.8962	0.8120	0.1018	0.6389	0.8275	0.7464	0.5748
69.2	0.5639	0.8961	0.8370	0.0985	0.7371	0.8506	0.7590	0.6756
69.3	0.5125	0.9048	0.8402	0.0237	0.7102	0.8544	0.7992	0.7079
69.4	0.3977	0.9070	0.8572	0.0076	0.7885	0.8686	0.8339	0.7915
69.5	0.4924	0.8942	0.8591	0.0382	0.7239	0.8662	0.8204	0.7784
69.6	0.4668	0.8394	0.8361	0.0762	0.6216	0.8307	0.8039	0.6813
69.7	0.1363	0.7927	0.7806	0.0470	0.7149	0.8023	0.7753	0.7387
69.8	0.1608	0.8228	0.7694	0.0113	0.7002	0.7831	0.7352	0.7749
69.9	0.1288	0.8175	0.7784	0.0375	0.6925	0.7750	0.7133	0.7282
70.0	0.1533	0.7606	0.7914	0.0676	0.6837	0.7860	0.7690	0.7435
70.1	0.0989	0.8038	0.7727	0.0532	0.7605	0.7630	0.7451	0.7600
70.2	0.1227	0.8115	0.7923	0.1186	0.7686	0.7742	0.7489	0.7669
70.3	0.1245	0.7666	0.8151	0.0814	0.7613	0.7944	0.7901	0.7729
70.4	0.0792	0.6986	0.7499	0.1418	0.6725	0.7250	0.7841	0.7305
70.5	0.1301	0.7543	0.7849	0.3015	0.7754	0.7675	0.8124	0.7637
70.6	0.1077	0.7947	0.8187	0.2594	0.7555	0.7852	0.8128	0.7867
70.7	0.0405	0.7403	0.8106	0.2781	0.6882	0.7863	0.7975	0.7340
70.8	0.1238	0.7107	0.8089	0.4057	0.7464	0.8199	0.8097	0.8082
70.9	0.0785	0.7438	0.8207	0.3932	0.8229	0.8229	0.8443	0.8230
71.0	0.0872	0.7318	0.8489	0.4364	0.7912	0.8418	0.8646	0.7994
71.1	0.1719	0.5828	0.7898	0.3667	0.7895	0.7761	0.7991	0.8060
71.2	0.2111	0.5062	0.7827	0.4129	0.7585	0.7828	0.8016	0.7431
71.3	0.2771	0.5352	0.8312	0.4339	0.7719	0.8146	0.8278	0.6805
71.4	0.2786	0.4877	0.8111	0.4094	0.7776	0.7904	0.8120	0.7283
71.5	0.2809	0.4974	0.8292	0.4588	0.7236	0.8106	0.8192	0.7115
71.6	0.3129	0.6299	0.8531	0.4419	0.8674	0.8255	0.8255	0.7115
71.7	0.5152	0.5545	0.8297	0.4879	0.8937	0.7944	0.8042	0.7193
71.8	0.6038	0.5428	0.8410	0.4691	0.8197	0.8080	0.7991	0.7039
71.9	0.5259	0.4754	0.8446	0.4777	0.8845	0.8083	0.7877	0.7422
72.0	0.5866	0.4881	0.8509	0.5528	0.8454	0.8196	0.7820	0.7361
72.1	0.5215	0.4450	0.8062	0.4761	0.7934	0.7542	0.7232	0.6695
72.2	0.5949	0.4019	0.8028	0.5321	0.8471	0.7611	0.6785	0.7496
72.3	0.7037	0.5345	0.8475	0.6537	0.8688	0.8211	0.8138	0.7987
72.4	0.7258	0.5319	0.8667	0.6430	0.8727	0.8204	0.8320	0.7841
72.5	0.7522	0.6524	0.8807	0.5391	0.8391	0.7784	0.8242	0.7651
72.6	0.7532	0.7198	0.8826	0.5102	0.8640	0.7619	0.8488	0.7790
72.7	0.7563	0.7259	0.9044	0.6258	0.8654	0.7979	0.8394	0.8237
72.8	0.7764	0.7540	0.9237	0.6775	0.8791	0.8200	0.8653	0.8593
72.9	0.8027	0.8023	0.9227	0.6639	0.9100	0.8047	0.8896	0.8616
73.0	0.7909	0.7936	0.9284	0.6386	0.8759	0.7740	0.8639	0.8511
73.1	0.8019	0.7973	0.9288	0.7430	0.8663	0.8020	0.7941	0.8469
73.2	0.8123	0.8215	0.9145	0.7075	0.8483	0.7796	0.8284	0.8522
73.3	0.7934	0.7923	0.9042	0.7386	0.8441	0.7515	0.8667	0.8579
73.4	0.8278	0.8250	0.9025	0.7187	0.8485	0.6654	0.8519	0.8556
73.5	0.8548	0.8714	0.9384	0.7866	0.9148	0.7155	0.8538	0.8825
73.6	0.8746	0.8946	0.9538	0.8519	0.8830	0.7339	0.8659	0.8948
73.7	0.8549	0.8911	0.9494	0.8358	0.8738	0.6751	0.8530	0.8692
73.8	0.8992	0.9227	0.9603	0.8364	0.9066	0.7081	0.8600	0.9008
73.9	0.8896	0.9047	0.9570	0.8430	0.8759	0.6634	0.8302	0.9025
74.0	0.8752	0.8623	0.9539	0.8557	0.8803	0.6588	0.8200	0.8517
74.1	0.8486	0.8524	0.9580	0.8477	0.8732	0.7047	0.7823	0.8461
74.2	0.8881	0.8851	0.9573	0.8582	0.8724	0.6799	0.8098	0.8770
74.3	0.9039	0.9255	0.9611	0.8714	0.8988	0.6578	0.8260	0.8785
74.4	0.8739	0.9035	0.9569	0.8302	0.8403	0.6358	0.8095	0.8331
74.5	0.8642	0.8945	0.9468	0.8277	0.8580	0.5961	0.8061	0.8315
74.6	0.8736	0.8337	0.9290	0.8284	0.8264	0.4903	0.7859	0.8466
74.7	0.8967	0.8870	0.9584	0.8625	0.8685	0.6763	0.7905	0.8703
74.8	0.9308	0.9451	0.9755	0.8589	0.9100	0.7371	0.8374	0.9105
74.9	0.9225	0.9361	0.9747	0.8332	0.9173	0.5695	0.8559	0.9173
75.0	0.9089	0.9180	0.9688	0.8222	0.8999	0.5654	0.8458	0.9063
75.1	0.9009	0.9077	0.9578	0.8197	0.8892	0.5582	0.8234	0.8896
75.2	0.9157	0.9236	0.9622	0.8145	0.8794	0.4668	0.8319	0.8739
75.3	0.9397	0.9412	0.9742	0.7887	0.9163	0.4038	0.8111	0.9120
75.4	0.9382	0.9398	0.9724	0.8138	0.9171	0.4499	0.7505	0.9018
75.5	0.9186	0.9294	0.9696	0.7406	0.8831	0.4742	0.7637	0.8979
75.6	0.9042	0.9091	0.9636	0.7063	0.8523	0.2671	0.7545	0.8697
75.7	0.9378	0.9487	0.9770	0.7590	0.9240	0.4219	0.7983	0.8978
75.8	0.9262	0.9352	0.9753	0.7245	0.9031	0.5236	0.7605	0.9107
75.9	0.9106	0.9300	0.9758	0.6112	0.8973	0.3556	0.7280	0.8777
76.0	0.9306	0.9434	0.9762	0.6295	0.9118	0.2408	0.8087	0.8666
76.1	0.9460	0.9459	0.9770	0.6220	0.9242	0.3365	0.7911	0.9052
76.2	0.9392	0.9525	0.9795	0.6355	0.9271	0.3104	0.7559	0.8846
76.3	0.9269	0.9418	0.9690	0.5720	0.9016	0.2225	0.7623	0.8534
76.4	0.9182	0.9289	0.9582	0.4568	0.9182	0.2067	0.7710	0.8449
76.5	0.9357	0.9342	0.9673	0.6269	0.9248	0.1038	0.8114	0.8817
76.6	0.9459	0.9417	0.9711	0.7174	0.9409	0.1413	0.7703	0.8749
76.7	0.9321	0.9438	0.9671	0.5581	0.9252	0.0574	0.7278	0.8411

76.8	0.9410	0.9483	0.9755	0.6372	0.9192	0.0130	0.7674	0.8555
76.9	0.9422	0.9258	0.9718	0.7133	0.9170	0.0932	0.7767	0.8450
77.0	0.9181	0.9272	0.9702	0.6178	0.9108	0.0922	0.7917	0.8437
77.1	0.9258	0.9315	0.9671	0.5832	0.9208	0.0766	0.7733	0.8224
77.2	0.9419	0.9121	0.9636	0.6824	0.9103	0.2556	0.7785	0.8233
77.3	0.9514	0.9409	0.9750	0.7283	0.9373	0.1731	0.7503	0.8354
77.4	0.9586	0.9364	0.9729	0.7714	0.9233	0.3213	0.8022	0.8392
77.5	0.9528	0.9011	0.9766	0.8050	0.8970	0.4894	0.8469	0.8192
77.6	0.9403	0.8905	0.9713	0.7790	0.9066	0.5097	0.8357	0.7999
77.7	0.9402	0.9001	0.9760	0.7552	0.9126	0.6313	0.8933	0.8271
77.8	0.9450	0.9071	0.9790	0.7840	0.9056	0.6067	0.8828	0.7930
77.9	0.9394	0.8870	0.9633	0.7152	0.9161	0.5229	0.8518	0.6921
78.0	0.9424	0.8702	0.9606	0.7081	0.9067	0.6084	0.8667	0.7213
78.1	0.9417	0.8617	0.9674	0.7611	0.9070	0.6814	0.8792	0.7473
78.2	0.9101	0.8066	0.9599	0.7014	0.8667	0.6599	0.8782	0.6127
78.3	0.9395	0.8371	0.9675	0.7877	0.9153	0.7559	0.8830	0.5793
78.4	0.9566	0.8718	0.9711	0.8322	0.9242	0.7985	0.9144	0.6697
78.5	0.9489	0.8820	0.9725	0.7822	0.9103	0.8156	0.8873	0.6397
78.6	0.9420	0.8487	0.9739	0.7849	0.9156	0.7762	0.8727	0.5192
78.7	0.9552	0.8385	0.9758	0.8058	0.9014	0.8094	0.9174	0.6102
78.8	0.9539	0.8577	0.9752	0.7808	0.8849	0.8347	0.9034	0.5746
78.9	0.9556	0.8434	0.9727	0.8427	0.8803	0.8887	0.9133	0.5545
79.0	0.9284	0.7570	0.9714	0.8055	0.8633	0.8943	0.8965	0.2647
79.1	0.9274	0.8204	0.9706	0.8147	0.8939	0.8676	0.8867	0.1045
79.2	0.9425	0.8439	0.9829	0.8237	0.9087	0.8927	0.8965	0.2013
79.3	0.9380	0.8421	0.9802	0.8376	0.8781	0.8799	0.8743	0.1716
79.4	0.9492	0.8617	0.9818	0.8786	0.8764	0.8986	0.9014	0.1924
79.5	0.9461	0.8698	0.9794	0.8741	0.8934	0.8770	0.9084	0.3066
79.6	0.9413	0.8613	0.9796	0.8832	0.8929	0.8998	0.9078	0.1649
79.7	0.9349	0.8586	0.9772	0.9015	0.9244	0.9117	0.8932	0.0382
79.8	0.9445	0.8952	0.9785	0.9090	0.9151	0.9319	0.9115	0.0087
79.9	0.9445	0.9091	0.9785	0.9228	0.9443	0.9136	0.9151	0.0551
80.0	0.9452	0.9132	0.9845	0.9131	0.9414	0.9157	0.8938	0.1616

2.2.12 Run 1 – IP000-200 – Accels 41–47

In-plane shaking at 0° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9797	0.8834	0.9004	0.9788	0.9312	0.8960	0.8055
0.1	0.0065	0.0517	0.0052	0.0415	0.0027	0.0261	0.0055
0.2	0.0047	0.0221	0.0192	0.0157	0.0027	0.0197	0.0402
0.3	0.0275	0.0057	0.0291	0.0321	0.0067	0.0388	0.0045
0.4	0.0083	0.0144	0.0025	0.0005	0.0002	0.0068	0.0350
0.5	0.0367	0.0096	0.0099	0.0471	0.0026	0.0077	0.0727
0.6	0.0245	0.0007	0.0475	0.0334	0.0271	0.0267	0.0779
0.7	0.0003	0.0449	0.0216	0.0112	0.0039	0.0103	0.0321
0.8	0.0864	0.0099	0.0315	0.0512	0.0099	0.0110	0.0255
0.9	0.0853	0.0016	0.0037	0.1156	0.0617	0.0193	0.0032
1.0	0.1713	0.0017	0.0032	0.0959	0.0438	0.0771	0.0205
1.1	0.4362	0.0094	0.0844	0.3846	0.0103	0.1162	0.0158
1.2	0.6068	0.0129	0.1022	0.4090	0.0119	0.0097	0.0940
1.3	0.7660	0.0351	0.2837	0.4682	0.0028	0.0100	0.0020
1.4	0.9159	0.1228	0.3690	0.8522	0.1159	0.3720	0.0058
1.5	0.9587	0.6825	0.6698	0.9466	0.6816	0.5869	0.3996
1.6	0.9687	0.8195	0.8300	0.9756	0.8573	0.7736	0.4325
1.7	0.9945	0.8361	0.9423	0.9916	0.9121	0.9142	0.3265
1.8	0.9989	0.9562	0.9877	0.9985	0.9780	0.9820	0.6142
1.9	0.9993	0.9674	0.9959	0.9990	0.9778	0.9948	0.8682
2.0	0.9995	0.9563	0.9974	0.9994	0.9648	0.9963	0.9142
2.1	0.9963	0.8584	0.9924	0.9963	0.8608	0.9878	0.8751
2.2	0.9567	0.6460	0.9537	0.9576	0.5884	0.9410	0.7837
2.3	0.7364	0.6563	0.7258	0.7344	0.4266	0.7288	0.8015
2.4	0.9827	0.7063	0.9739	0.9830	0.3253	0.9607	0.9265
2.5	0.9965	0.6212	0.9858	0.9960	0.2044	0.9769	0.9516
2.6	0.9986	0.6308	0.9879	0.9985	0.4930	0.9798	0.9610
2.7	0.9995	0.6446	0.9891	0.9994	0.7008	0.9862	0.9701
2.8	0.9998	0.6720	0.9898	0.9996	0.8531	0.9887	0.9782
2.9	0.9998	0.6915	0.9817	0.9997	0.8640	0.9800	0.9745
3.0	0.9998	0.7188	0.9531	0.9997	0.9094	0.9695	0.9805
3.1	0.9998	0.6191	0.8545	0.9998	0.9177	0.9240	0.9764
3.2	0.9998	0.5639	0.8569	0.9998	0.8991	0.7567	0.9678
3.3	0.9997	0.5240	0.9344	0.9997	0.8848	0.6479	0.9631
3.4	0.9996	0.3498	0.9556	0.9993	0.8434	0.8040	0.9240
3.5	0.9996	0.2819	0.9685	0.9993	0.7730	0.9171	0.9112
3.6	0.9995	0.2126	0.9806	0.9988	0.7818	0.9443	0.8688
3.7	0.9990	0.2612	0.9864	0.9982	0.6907	0.9587	0.8682
3.8	0.9991	0.0799	0.9889	0.9987	0.6902	0.9735	0.8267
3.9	0.9988	0.1753	0.9929	0.9985	0.6002	0.9808	0.7891
4.0	0.9985	0.1719	0.9910	0.9983	0.5848	0.9808	0.7335
4.1	0.9986	0.3045	0.9933	0.9972	0.5240	0.9848	0.7312
4.2	0.9983	0.1053	0.9937	0.9983	0.5878	0.9842	0.6670
4.3	0.9981	0.2651	0.9929	0.9975	0.4830	0.9885	0.6376
4.4	0.9971	0.3559	0.9930	0.9966	0.5543	0.9899	0.5696
4.5	0.9986	0.1921	0.9955	0.9977	0.6612	0.9917	0.4236
4.6	0.9980	0.0803	0.9962	0.9976	0.5426	0.9947	0.3812
4.7	0.9970	0.1499	0.9962	0.9970	0.5872	0.9932	0.3824
4.8	0.9968	0.0924	0.9965	0.9962	0.4640	0.9936	0.3659
4.9	0.9962	0.1534	0.9953	0.9966	0.3432	0.9943	0.3223
5.0	0.9953	0.1918	0.9965	0.9950	0.2951	0.9944	0.2561
5.1	0.9954	0.2368	0.9979	0.9938	0.4367	0.9964	0.3259
5.2	0.9950	0.1350	0.9975	0.9945	0.6030	0.9965	0.0502
5.3	0.9948	0.1536	0.9973	0.9942	0.4525	0.9962	0.0904
5.4	0.9929	0.3483	0.9981	0.9937	0.4276	0.9969	0.1675
5.5	0.9940	0.3915	0.9980	0.9940	0.6769	0.9975	0.0311
5.6	0.9938	0.3936	0.9977	0.9933	0.6449	0.9971	0.1062
5.7	0.9940	0.4956	0.9978	0.9935	0.7206	0.9971	0.0131
5.8	0.9930	0.4608	0.9974	0.9928	0.6444	0.9974	0.0460
5.9	0.9919	0.5289	0.9970	0.9910	0.6946	0.9963	0.0200
6.0	0.9880	0.4961	0.9957	0.9900	0.7227	0.9958	0.3041
6.1	0.9889	0.6150	0.9974	0.9909	0.8372	0.9965	0.4477
6.2	0.9909	0.5737	0.9970	0.9906	0.8264	0.9970	0.5881
6.3	0.9919	0.6245	0.9976	0.9918	0.9051	0.9972	0.6108
6.4	0.9902	0.4519	0.9972	0.9902	0.8305	0.9969	0.7194
6.5	0.9909	0.3164	0.9907	0.9898	0.7076	0.9883	0.5884
6.6	0.9891	0.5628	0.9965	0.9912	0.7541	0.9963	0.7273
6.7	0.9901	0.4228	0.9966	0.9905	0.7702	0.9964	0.6768
6.8	0.9904	0.6288	0.9976	0.9912	0.8091	0.9975	0.8033
6.9	0.9941	0.6750	0.9979	0.9936	0.8856	0.9978	0.8595
7.0	0.9935	0.7387	0.9976	0.9929	0.8850	0.9975	0.8898
7.1	0.9915	0.8455	0.9968	0.9929	0.9079	0.9967	0.9323
7.2	0.9936	0.9135	0.9970	0.9921	0.9333	0.9970	0.9467
7.3	0.9954	0.9203	0.9963	0.9941	0.8968	0.9964	0.9444
7.4	0.9932	0.8760	0.9968	0.9916	0.7722	0.9967	0.8308
7.5	0.9906	0.3271	0.9934	0.9874	0.2560	0.9934	0.2300
7.6	0.9885	0.0539	0.9926	0.9827	0.3162	0.9924	0.3767
7.7	0.9917	0.2178	0.9947	0.9892	0.2294	0.9943	0.4954
7.8	0.9936	0.2281	0.9936	0.9921	0.2212	0.9936	0.6430
7.9	0.9932	0.3544	0.9922	0.9928	0.1832	0.9919	0.7652

8.0	0.9927	0.3041	0.9902	0.9906	0.4045	0.9904	0.8117
8.1	0.9910	0.4473	0.9844	0.9905	0.1293	0.9845	0.6372
8.2	0.9932	0.3414	0.9905	0.9932	0.3369	0.9902	0.6620
8.3	0.9948	0.4384	0.9914	0.9944	0.3313	0.9905	0.7082
8.4	0.9936	0.5021	0.9923	0.9936	0.1877	0.9914	0.6740
8.5	0.9954	0.5734	0.9925	0.9945	0.4238	0.9919	0.7868
8.6	0.9939	0.5417	0.9944	0.9935	0.5126	0.9929	0.7341
8.7	0.9944	0.5269	0.9956	0.9939	0.4858	0.9934	0.8281
8.8	0.9959	0.5179	0.9967	0.9960	0.6481	0.9964	0.9126
8.9	0.9944	0.4938	0.9973	0.9940	0.6120	0.9970	0.9315
9.0	0.9946	0.5693	0.9962	0.9943	0.5546	0.9959	0.9146
9.1	0.9932	0.6001	0.9958	0.9923	0.6505	0.9961	0.9078
9.2	0.9923	0.7211	0.9956	0.9928	0.8472	0.9954	0.9573
9.3	0.9941	0.8284	0.9974	0.9913	0.8960	0.9974	0.9787
9.4	0.9938	0.8549	0.9983	0.9931	0.9375	0.9984	0.9867
9.5	0.9954	0.7822	0.9988	0.9931	0.9135	0.9987	0.9871
9.6	0.9910	0.6515	0.9984	0.9847	0.8382	0.9984	0.9793
9.7	0.9930	0.7348	0.9991	0.9896	0.8545	0.9990	0.9844
9.8	0.9938	0.6853	0.9986	0.9912	0.8461	0.9986	0.9853
9.9	0.9944	0.4883	0.9988	0.9920	0.7494	0.9987	0.9793
10.0	0.9930	0.2572	0.9987	0.9887	0.3598	0.9987	0.9567
10.1	0.9959	0.4293	0.9984	0.9936	0.6121	0.9984	0.9707
10.2	0.9955	0.3003	0.9986	0.9927	0.6514	0.9987	0.9598
10.3	0.9952	0.4434	0.9985	0.9934	0.6418	0.9985	0.9621
10.4	0.9958	0.5464	0.9990	0.9946	0.6472	0.9989	0.9619
10.5	0.9959	0.4375	0.9988	0.9937	0.4294	0.9988	0.9444
10.6	0.9940	0.3804	0.9975	0.9916	0.2657	0.9974	0.9135
10.7	0.9949	0.6015	0.9985	0.9931	0.2964	0.9984	0.9473
10.8	0.9956	0.5160	0.9986	0.9956	0.0695	0.9985	0.9261
10.9	0.9947	0.5301	0.9972	0.9950	0.0453	0.9971	0.9363
11.0	0.9944	0.5196	0.9978	0.9943	0.1109	0.9977	0.9194
11.1	0.9963	0.6384	0.9983	0.9948	0.2428	0.9981	0.9309
11.2	0.9962	0.7305	0.9983	0.9951	0.3637	0.9980	0.9411
11.3	0.9954	0.7093	0.9976	0.9956	0.5053	0.9975	0.9448
11.4	0.9958	0.6622	0.9979	0.9964	0.6774	0.9978	0.9569
11.5	0.9957	0.7820	0.9975	0.9949	0.8454	0.9971	0.9618
11.6	0.9933	0.6979	0.9969	0.9936	0.8537	0.9966	0.9517
11.7	0.9941	0.7417	0.9959	0.9936	0.8678	0.9949	0.9561
11.8	0.9950	0.7817	0.9961	0.9939	0.9003	0.9954	0.9513
11.9	0.9932	0.7511	0.9950	0.9923	0.8884	0.9941	0.9442
12.0	0.9904	0.7483	0.9942	0.9912	0.8631	0.9930	0.9240
12.1	0.9927	0.7906	0.9946	0.9925	0.8830	0.9931	0.9350
12.2	0.9886	0.7476	0.9907	0.9874	0.8485	0.9893	0.8993
12.3	0.9868	0.7372	0.9894	0.9852	0.8227	0.9865	0.8961
12.4	0.9859	0.7974	0.9868	0.9847	0.8636	0.9825	0.8975
12.5	0.9878	0.8392	0.9881	0.9863	0.8759	0.9836	0.8896
12.6	0.9860	0.8786	0.9882	0.9856	0.9029	0.9835	0.9065
12.7	0.9822	0.8723	0.9850	0.9805	0.8926	0.9770	0.9034
12.8	0.9635	0.8222	0.9698	0.9608	0.8388	0.9555	0.8549
12.9	0.9282	0.7663	0.9419	0.9214	0.7821	0.9104	0.7874
13.0	0.9294	0.8676	0.9432	0.9199	0.8687	0.9162	0.8653
13.1	0.9215	0.8978	0.9364	0.9132	0.8948	0.9073	0.8915
13.2	0.9367	0.9425	0.9549	0.9260	0.9413	0.9219	0.9381
13.3	0.9492	0.9685	0.9689	0.9388	0.9658	0.9353	0.9641
13.4	0.9547	0.9805	0.9757	0.9444	0.9790	0.9407	0.9771
13.5	0.9584	0.9854	0.9826	0.9511	0.9837	0.9347	0.9827
13.6	0.9526	0.9867	0.9856	0.9544	0.9850	0.8987	0.9839
13.7	0.9500	0.9858	0.9868	0.9620	0.9839	0.8387	0.9831
13.8	0.9625	0.9896	0.9876	0.9715	0.9882	0.8713	0.9883
13.9	0.9641	0.9862	0.9889	0.9729	0.9846	0.8644	0.9865
14.0	0.9690	0.9902	0.9908	0.9770	0.9888	0.8954	0.9905
14.1	0.9739	0.9922	0.9920	0.9806	0.9916	0.9081	0.9930
14.2	0.9708	0.9942	0.9916	0.9787	0.9934	0.9128	0.9944
14.3	0.9455	0.9938	0.9877	0.9547	0.9926	0.8434	0.9935
14.4	0.8985	0.9922	0.9793	0.9222	0.9915	0.7680	0.9923
14.5	0.8791	0.9939	0.9817	0.9130	0.9931	0.7509	0.9933
14.6	0.7801	0.9916	0.9708	0.8452	0.9902	0.6353	0.9906
14.7	0.6156	0.9878	0.9608	0.7378	0.9873	0.4815	0.9866
14.8	0.5795	0.9855	0.9600	0.7157	0.9869	0.5618	0.9859
14.9	0.4663	0.9842	0.9323	0.6253	0.9838	0.5092	0.9833
15.0	0.4517	0.9864	0.8592	0.5288	0.9846	0.5945	0.9843
15.1	0.4318	0.9854	0.8199	0.4801	0.9838	0.6647	0.9845
15.2	0.5506	0.9835	0.7617	0.5487	0.9825	0.7694	0.9828
15.3	0.5962	0.9732	0.4710	0.6013	0.9676	0.7542	0.9722
15.4	0.6527	0.9726	0.3995	0.6447	0.9711	0.7843	0.9698
15.5	0.7812	0.9719	0.2582	0.7812	0.9722	0.8625	0.9733
15.6	0.8406	0.9774	0.1422	0.8392	0.9756	0.8802	0.9766
15.7	0.8639	0.9745	0.0501	0.8486	0.9782	0.8923	0.9780
15.8	0.8516	0.9712	0.2190	0.8598	0.9679	0.8867	0.9672
15.9	0.8623	0.9640	0.3026	0.8734	0.9662	0.8888	0.9636
16.0	0.8697	0.9652	0.4718	0.8748	0.9605	0.9023	0.9635
16.1	0.8767	0.9579	0.5917	0.8773	0.9576	0.8915	0.9570
16.2	0.8983	0.9596	0.6854	0.9003	0.9565	0.9052	0.9561
16.3	0.8843	0.9514	0.7204	0.8875	0.9521	0.9071	0.9537
16.4	0.9130	0.9492	0.8186	0.9152	0.9475	0.9251	0.9582
16.5	0.9325	0.9511	0.8624	0.9314	0.9512	0.9373	0.9600

16.6	0.9015	0.9423	0.8098	0.9015	0.9404	0.9111	0.9451
16.7	0.9256	0.9490	0.8784	0.9286	0.9475	0.9302	0.9538
16.8	0.8987	0.9189	0.8430	0.9018	0.9190	0.9006	0.9275
16.9	0.8200	0.8550	0.7318	0.8190	0.8542	0.8179	0.8656
17.0	0.8287	0.8510	0.7591	0.8332	0.8527	0.8328	0.8639
17.1	0.8191	0.8266	0.7586	0.8204	0.8260	0.8232	0.8425
17.2	0.7903	0.7911	0.7406	0.7923	0.7915	0.7859	0.8033
17.3	0.8310	0.8292	0.7948	0.8309	0.8300	0.8323	0.8309
17.4	0.8308	0.8196	0.7984	0.8312	0.8248	0.8348	0.8265
17.5	0.8469	0.8328	0.8273	0.8481	0.8320	0.8495	0.8390
17.6	0.9048	0.8941	0.8932	0.9044	0.8938	0.9051	0.8957
17.7	0.9235	0.9106	0.9209	0.9239	0.9130	0.9267	0.9126
17.8	0.9217	0.9082	0.9223	0.9214	0.9082	0.9251	0.9070
17.9	0.9372	0.9201	0.9369	0.9380	0.9210	0.9369	0.9188
18.0	0.9452	0.9290	0.9454	0.9441	0.9290	0.9442	0.9290
18.1	0.9566	0.9402	0.9597	0.9570	0.9427	0.9573	0.9411
18.2	0.9644	0.9507	0.9679	0.9642	0.9534	0.9667	0.9505
18.3	0.9661	0.9534	0.9679	0.9659	0.9545	0.9666	0.9498
18.4	0.9746	0.9658	0.9767	0.9747	0.9671	0.9759	0.9644
18.5	0.9761	0.9658	0.9781	0.9759	0.9671	0.9779	0.9653
18.6	0.9738	0.9613	0.9764	0.9742	0.9630	0.9742	0.9569
18.7	0.9652	0.9454	0.9712	0.9651	0.9507	0.9658	0.9414
18.8	0.9700	0.9558	0.9725	0.9694	0.9581	0.9718	0.9484
18.9	0.9641	0.9508	0.9665	0.9650	0.9559	0.9671	0.9468
19.0	0.9716	0.9632	0.9775	0.9702	0.9644	0.9758	0.9590
19.1	0.9703	0.9567	0.9754	0.9706	0.9573	0.9733	0.9509
19.2	0.9773	0.9676	0.9825	0.9755	0.9692	0.9807	0.9674
19.3	0.9774	0.9648	0.9831	0.9782	0.9660	0.9814	0.9653
19.4	0.9740	0.9568	0.9772	0.9711	0.9593	0.9764	0.9588
19.5	0.9709	0.9492	0.9802	0.9705	0.9519	0.9771	0.9589
19.6	0.9711	0.9497	0.9821	0.9689	0.9490	0.9781	0.9562
19.7	0.9682	0.9525	0.9796	0.9692	0.9555	0.9765	0.9619
19.8	0.9686	0.9626	0.9811	0.9688	0.9625	0.9798	0.9654
19.9	0.9664	0.9473	0.9802	0.9676	0.9504	0.9795	0.9592
20.0	0.9614	0.9300	0.9773	0.9638	0.9325	0.9763	0.9527
20.1	0.9631	0.9502	0.9789	0.9611	0.9522	0.9803	0.9654
20.2	0.9678	0.9573	0.9828	0.9671	0.9589	0.9835	0.9696
20.3	0.9533	0.9464	0.9724	0.9514	0.9489	0.9743	0.9556
20.4	0.9518	0.9421	0.9748	0.9451	0.9445	0.9733	0.9529
20.5	0.9376	0.9402	0.9684	0.9367	0.9440	0.9674	0.9426
20.6	0.9469	0.9463	0.9664	0.9480	0.9532	0.9723	0.9522
20.7	0.9544	0.9553	0.9738	0.9534	0.9563	0.9837	0.9655
20.8	0.9467	0.9575	0.9708	0.9398	0.9577	0.9776	0.9639
20.9	0.9330	0.9458	0.9661	0.9364	0.9464	0.9730	0.9546
21.0	0.9148	0.9178	0.9584	0.9192	0.9243	0.9625	0.9370
21.1	0.9090	0.9175	0.9496	0.8958	0.9221	0.9620	0.9387
21.2	0.9015	0.9178	0.9513	0.9052	0.9220	0.9640	0.9347
21.3	0.9120	0.9277	0.9484	0.9064	0.9299	0.9729	0.9436
21.4	0.8867	0.8816	0.9100	0.8778	0.8875	0.9480	0.9126
21.5	0.8911	0.8933	0.8964	0.8877	0.8952	0.9496	0.9189
21.6	0.9112	0.9190	0.9043	0.9090	0.9214	0.9703	0.9397
21.7	0.9182	0.8957	0.9056	0.9024	0.8972	0.9650	0.9230
21.8	0.8578	0.8316	0.7736	0.8419	0.8338	0.9416	0.8856
21.9	0.8608	0.8398	0.7548	0.8553	0.8411	0.9459	0.8969
22.0	0.8554	0.7960	0.7307	0.8161	0.7948	0.9185	0.8360
22.1	0.7987	0.7512	0.6558	0.7766	0.7463	0.9073	0.7893
22.2	0.8695	0.8261	0.6712	0.8492	0.8316	0.9132	0.8671
22.3	0.8749	0.8498	0.5564	0.8621	0.8487	0.9153	0.8357
22.4	0.7776	0.8159	0.1862	0.7633	0.8154	0.8574	0.8016
22.5	0.7715	0.7044	0.1392	0.7702	0.6872	0.7278	0.7621
22.6	0.8327	0.7915	0.4185	0.8326	0.7805	0.8871	0.7437
22.7	0.7727	0.7675	0.5125	0.7518	0.7619	0.8840	0.8099
22.8	0.7677	0.6621	0.5903	0.7391	0.6425	0.9159	0.7985
22.9	0.7765	0.6255	0.6557	0.7137	0.5931	0.9201	0.8248
23.0	0.7287	0.6669	0.6401	0.6429	0.6751	0.8770	0.7846
23.1	0.6752	0.7025	0.5977	0.6318	0.6909	0.8451	0.7106
23.2	0.7196	0.6902	0.6112	0.6053	0.6786	0.8885	0.7291
23.3	0.6554	0.6361	0.7154	0.4675	0.6206	0.9018	0.7836
23.4	0.7099	0.6236	0.7395	0.6419	0.5826	0.9184	0.7981
23.5	0.7276	0.7245	0.6918	0.5691	0.7230	0.9055	0.7814
23.6	0.7233	0.7912	0.6984	0.5603	0.7973	0.9171	0.7579
23.7	0.7093	0.7736	0.6921	0.5316	0.7629	0.9317	0.7842
23.8	0.5631	0.7107	0.5812	0.4098	0.7168	0.8813	0.7037
23.9	0.5308	0.6678	0.5244	0.2685	0.6471	0.8839	0.6822
24.0	0.4707	0.6586	0.4696	0.3042	0.6265	0.9051	0.8009
24.1	0.3563	0.6738	0.4285	0.1421	0.6467	0.8841	0.8084
24.2	0.3153	0.6208	0.3541	0.0783	0.6288	0.8765	0.7875
24.3	0.2504	0.6955	0.1648	0.0551	0.6526	0.8687	0.7381
24.4	0.2354	0.7143	0.2417	0.1027	0.6949	0.8965	0.8210
24.5	0.1529	0.7637	0.4022	0.0748	0.7251	0.9207	0.8911
24.6	0.0837	0.6417	0.3188	0.0300	0.5898	0.8944	0.8787
24.7	0.1052	0.5145	0.4052	0.1714	0.4512	0.8953	0.8884
24.8	0.1535	0.5482	0.4594	0.1317	0.4701	0.9029	0.8656
24.9	0.3770	0.5129	0.5853	0.2804	0.4864	0.8565	0.8468
25.0	0.3414	0.4353	0.4853	0.2521	0.3619	0.8397	0.8553
25.1	0.4599	0.3780	0.5874	0.3187	0.3524	0.8382	0.8467

25.2	0.5917	0.4117	0.4945	0.5281	0.3942	0.7861	0.8425
25.3	0.6248	0.3982	0.5647	0.5667	0.3623	0.8285	0.8304
25.4	0.6269	0.3823	0.6535	0.5568	0.2805	0.8664	0.8733
25.5	0.6703	0.2900	0.6917	0.6264	0.3454	0.8464	0.8374
25.6	0.7372	0.2549	0.6844	0.6500	0.2262	0.7951	0.8154
25.7	0.7637	0.2330	0.6916	0.7096	0.2409	0.8089	0.8202
25.8	0.8083	0.2397	0.7520	0.7303	0.2580	0.8037	0.8216
25.9	0.8615	0.1637	0.7580	0.8071	0.2176	0.8468	0.8265
26.0	0.8411	0.1238	0.6610	0.7988	0.2301	0.8064	0.7640
26.1	0.8630	0.1155	0.6229	0.7934	0.1737	0.6845	0.6704
26.2	0.8654	0.0765	0.6304	0.8719	0.1163	0.6952	0.7061
26.3	0.8730	0.0699	0.7079	0.7780	0.1075	0.7200	0.7648
26.4	0.8923	0.1133	0.6869	0.8272	0.0912	0.7356	0.7393
26.5	0.8714	0.0427	0.5680	0.8587	0.0779	0.5782	0.5811
26.6	0.9034	0.1095	0.6040	0.8602	0.1847	0.5759	0.5975
26.7	0.9045	0.2053	0.5189	0.8898	0.2277	0.5021	0.5209
26.8	0.8910	0.1025	0.3670	0.8559	0.2130	0.4087	0.4198
26.9	0.9308	0.0661	0.4695	0.9097	0.1375	0.4716	0.5207
27.0	0.9341	0.0219	0.5497	0.9228	0.0270	0.5121	0.5482
27.1	0.9207	0.1156	0.4560	0.9286	0.1267	0.4352	0.4699
27.2	0.9074	0.1017	0.2813	0.9003	0.0432	0.2525	0.2828
27.3	0.9254	0.1709	0.3081	0.9212	0.1115	0.2831	0.3017
27.4	0.9330	0.1818	0.3819	0.9362	0.0405	0.3811	0.3950
27.5	0.9126	0.0923	0.4072	0.9103	0.0336	0.4103	0.4139
27.6	0.9143	0.1440	0.2805	0.8925	0.0706	0.2865	0.2968
27.7	0.9150	0.0998	0.2176	0.9171	0.0094	0.2362	0.2456
27.8	0.9423	0.0698	0.1960	0.9392	0.0070	0.2097	0.2281
27.9	0.9502	0.0884	0.2291	0.9564	0.0119	0.3393	0.3012
28.0	0.9502	0.0327	0.0978	0.9572	0.0077	0.2050	0.1715
28.1	0.9579	0.0368	0.0960	0.9461	0.0198	0.1364	0.1110
28.2	0.9597	0.0132	0.2732	0.9488	0.0253	0.3453	0.3577
28.3	0.9722	0.0115	0.2519	0.9594	0.1394	0.3774	0.3359
28.4	0.9560	0.0124	0.1117	0.9471	0.1300	0.2235	0.2228
28.5	0.9517	0.0635	0.0281	0.9458	0.0684	0.1299	0.0687
28.6	0.9596	0.0777	0.0603	0.9589	0.0913	0.1482	0.1241
28.7	0.9707	0.0831	0.0681	0.9696	0.1417	0.1797	0.1363
28.8	0.9760	0.1700	0.0766	0.9641	0.1911	0.1513	0.1425
28.9	0.9803	0.2683	0.2697	0.9716	0.2207	0.0484	0.1529
29.0	0.9809	0.2499	0.1976	0.9780	0.2040	0.0370	0.1447
29.1	0.9760	0.1265	0.1342	0.9745	0.1756	0.1338	0.1713
29.2	0.9734	0.1286	0.1041	0.9695	0.0883	0.0767	0.0980
29.3	0.9765	0.1117	0.0959	0.9660	0.1766	0.0835	0.1202
29.4	0.9677	0.1824	0.1324	0.9709	0.1864	0.0026	0.0317
29.5	0.9697	0.2834	0.2695	0.9727	0.1051	0.0267	0.0968
29.6	0.9659	0.2751	0.2820	0.9700	0.1082	0.1269	0.0933
29.7	0.9621	0.2714	0.2408	0.9615	0.1463	0.1140	0.0526
29.8	0.9696	0.1925	0.3162	0.9643	0.0757	0.2800	0.2524
29.9	0.9336	0.2023	0.1568	0.9546	0.0325	0.1762	0.0997
30.0	0.9591	0.2770	0.4786	0.9646	0.0236	0.1982	0.0943
30.1	0.9628	0.2960	0.5135	0.9700	0.0232	0.3229	0.1885
30.2	0.9743	0.2875	0.4791	0.9815	0.0462	0.3107	0.1629
30.3	0.9710	0.3720	0.5215	0.9721	0.1473	0.2926	0.1687
30.4	0.9652	0.2977	0.3994	0.9778	0.0491	0.3136	0.0594
30.5	0.9642	0.3405	0.3642	0.9805	0.1244	0.1907	0.0169
30.6	0.9608	0.3405	0.3586	0.9772	0.1190	0.2423	0.0253
30.7	0.9592	0.3423	0.3396	0.9780	0.0991	0.2038	0.0347
30.8	0.9379	0.2592	0.2696	0.9803	0.0679	0.1170	0.0163
30.9	0.9286	0.2513	0.1038	0.9752	0.1165	0.2096	0.0195
31.0	0.9564	0.3005	0.1780	0.9794	0.1045	0.1623	0.0031
31.1	0.9485	0.1636	0.2732	0.9792	0.0229	0.1025	0.0219
31.2	0.9350	0.1233	0.3052	0.9655	0.0144	0.0515	0.0558
31.3	0.9316	0.1800	0.1685	0.9682	0.0663	0.0527	0.0095
31.4	0.9104	0.1175	0.0853	0.9564	0.0378	0.0315	0.0035
31.5	0.9160	0.0511	0.2718	0.9463	0.0150	0.0713	0.1115
31.6	0.9267	0.0725	0.3864	0.9499	0.0439	0.1542	0.2308
31.7	0.9226	0.1401	0.3043	0.9365	0.0598	0.0459	0.1646
31.8	0.9415	0.0190	0.2817	0.9355	0.0088	0.0595	0.1328
31.9	0.9413	0.0967	0.1742	0.9316	0.0149	0.0075	0.0577
32.0	0.9333	0.0991	0.2415	0.9069	0.0208	0.0217	0.1137
32.1	0.9474	0.0755	0.2797	0.9065	0.0142	0.0465	0.1373
32.2	0.9294	0.1134	0.2961	0.8797	0.0563	0.0780	0.1836
32.3	0.9324	0.0053	0.1643	0.8823	0.0161	0.0754	0.0787
32.4	0.9694	0.0073	0.2288	0.9257	0.0846	0.1388	0.1232
32.5	0.9696	0.0024	0.3695	0.9290	0.0682	0.1717	0.2824
32.6	0.9704	0.0217	0.4115	0.9459	0.0390	0.1626	0.3492
32.7	0.9731	0.0019	0.1821	0.9313	0.0539	0.0893	0.1495
32.8	0.9691	0.0646	0.1670	0.9378	0.0226	0.1300	0.1312
32.9	0.9732	0.0338	0.2795	0.9511	0.0135	0.1992	0.2644
33.0	0.9736	0.1133	0.3214	0.9615	0.1052	0.2899	0.3085
33.1	0.9759	0.1022	0.2393	0.9765	0.0778	0.2797	0.2588
33.2	0.9839	0.1807	0.2536	0.9781	0.2071	0.2829	0.3457
33.3	0.9837	0.2899	0.2235	0.9719	0.1878	0.2969	0.2997
33.4	0.9817	0.2741	0.1012	0.9668	0.1301	0.1640	0.1967
33.5	0.9859	0.3696	0.1321	0.9755	0.1742	0.2120	0.2749
33.6	0.9777	0.3118	0.0499	0.9598	0.0951	0.2153	0.1733
33.7	0.9770	0.2046	0.0772	0.9417	0.0115	0.2217	0.2141

33.8	0.9823	0.3677	0.0880	0.9560	0.0900	0.3219	0.2738
33.9	0.9774	0.3679	0.1680	0.9568	0.0718	0.3343	0.3285
34.0	0.9847	0.2651	0.3316	0.9680	0.0245	0.3721	0.4401
34.1	0.9895	0.3935	0.2621	0.9795	0.0183	0.4006	0.3366
34.2	0.9860	0.3138	0.2130	0.9726	0.1074	0.4070	0.3432
34.3	0.9863	0.1836	0.3664	0.9737	0.2189	0.5021	0.5178
34.4	0.9894	0.1384	0.4128	0.9778	0.2038	0.5512	0.5777
34.5	0.9900	0.2025	0.3615	0.9845	0.2511	0.5683	0.5511
34.6	0.9878	0.2214	0.3139	0.9827	0.2707	0.5680	0.5713
34.7	0.9912	0.3435	0.3288	0.9856	0.4869	0.5809	0.6063
34.8	0.9897	0.5067	0.3293	0.9843	0.5718	0.5734	0.5909
34.9	0.9905	0.5792	0.3567	0.9862	0.6123	0.5978	0.6039
35.0	0.9917	0.6226	0.3257	0.9884	0.6539	0.5852	0.5969
35.1	0.9913	0.6566	0.3234	0.9896	0.6335	0.5994	0.6466
35.2	0.9843	0.5842	0.2217	0.9842	0.5480	0.4259	0.4548
35.3	0.9875	0.7030	0.2538	0.9906	0.6258	0.4243	0.4388
35.4	0.9889	0.6704	0.1103	0.9880	0.5470	0.3459	0.4612
35.5	0.9812	0.5373	0.0326	0.9808	0.4486	0.1640	0.3022
35.6	0.9866	0.7156	0.1139	0.9895	0.5732	0.1875	0.3309
35.7	0.9888	0.7178	0.1822	0.9914	0.5973	0.1871	0.3118
35.8	0.9921	0.7523	0.1809	0.9934	0.6693	0.3104	0.4310
35.9	0.9919	0.7337	0.1162	0.9929	0.6509	0.4013	0.4784
36.0	0.9885	0.7709	0.1738	0.9924	0.6679	0.3163	0.3919
36.1	0.9926	0.8173	0.2996	0.9933	0.6999	0.4831	0.5337
36.2	0.9943	0.8205	0.2630	0.9945	0.7416	0.6029	0.6417
36.3	0.9931	0.7946	0.3392	0.9936	0.6991	0.5389	0.5327
36.4	0.9910	0.8240	0.3626	0.9919	0.7188	0.5621	0.5450
36.5	0.9931	0.8707	0.4155	0.9943	0.8051	0.6517	0.6415
36.6	0.9897	0.8832	0.4400	0.9922	0.8129	0.7431	0.7373
36.7	0.9920	0.9218	0.5375	0.9933	0.8472	0.8045	0.8031
36.8	0.9938	0.9268	0.5994	0.9938	0.8644	0.8057	0.7918
36.9	0.9904	0.9120	0.5895	0.9911	0.8450	0.7978	0.7721
37.0	0.9913	0.9210	0.6874	0.9921	0.8532	0.8241	0.7976
37.1	0.9905	0.9193	0.6242	0.9914	0.8647	0.8258	0.7423
37.2	0.9899	0.9322	0.6743	0.9901	0.8662	0.8612	0.7473
37.3	0.9888	0.9488	0.7598	0.9903	0.8834	0.8834	0.7263
37.4	0.9882	0.9578	0.7090	0.9898	0.9090	0.9061	0.7104
37.5	0.9928	0.9676	0.7378	0.9944	0.9260	0.9354	0.8158
37.6	0.9930	0.9731	0.7849	0.9939	0.9460	0.9570	0.8080
37.7	0.9935	0.9734	0.8177	0.9953	0.9341	0.9671	0.8261
37.8	0.9934	0.9734	0.8499	0.9948	0.9350	0.9661	0.7736
37.9	0.9932	0.9722	0.8328	0.9938	0.9431	0.9784	0.8246
38.0	0.9946	0.9723	0.6980	0.9942	0.9459	0.9708	0.7462
38.1	0.9935	0.9730	0.6881	0.9937	0.9382	0.9764	0.7286
38.2	0.9934	0.9716	0.6941	0.9936	0.9225	0.9758	0.7746
38.3	0.9941	0.9711	0.6695	0.9950	0.9165	0.9717	0.7845
38.4	0.9946	0.9607	0.5151	0.9940	0.8988	0.9717	0.8131
38.5	0.9929	0.9571	0.2464	0.9932	0.8899	0.9590	0.7827
38.6	0.9949	0.9581	0.2422	0.9950	0.8734	0.9755	0.8580
38.7	0.9957	0.9532	0.0496	0.9959	0.8471	0.9740	0.8555
38.8	0.9936	0.9241	0.0206	0.9944	0.7785	0.9622	0.7643
38.9	0.9934	0.9434	0.0692	0.9950	0.7767	0.9599	0.7728
39.0	0.9943	0.9307	0.0562	0.9950	0.6954	0.9474	0.7598
39.1	0.9942	0.9178	0.1786	0.9947	0.7358	0.9583	0.7746
39.2	0.9922	0.8964	0.3673	0.9936	0.6270	0.9412	0.7002
39.3	0.9912	0.8968	0.3566	0.9936	0.6082	0.9357	0.6398
39.4	0.9905	0.8876	0.4923	0.9925	0.6477	0.9316	0.6479
39.5	0.9918	0.8371	0.5227	0.9930	0.5849	0.9075	0.5958
39.6	0.9922	0.8808	0.6128	0.9949	0.6408	0.9082	0.5492
39.7	0.9927	0.8676	0.6086	0.9944	0.6475	0.8903	0.4591
39.8	0.9917	0.8766	0.6536	0.9934	0.7420	0.8732	0.4411
39.9	0.9916	0.8720	0.7238	0.9921	0.6635	0.8928	0.4705
40.0	0.9910	0.8778	0.7543	0.9917	0.6938	0.8741	0.3385
40.1	0.9903	0.8854	0.7909	0.9929	0.7819	0.8882	0.3966
40.2	0.9851	0.8219	0.7175	0.9881	0.6737	0.7691	0.1670
40.3	0.9907	0.8608	0.8028	0.9916	0.7087	0.7352	0.0670
40.4	0.9874	0.8614	0.8010	0.9916	0.6845	0.6606	0.0841
40.5	0.9870	0.8607	0.7981	0.9913	0.7244	0.6775	0.0989
40.6	0.9816	0.8561	0.7974	0.9883	0.7279	0.6546	0.0779
40.7	0.9839	0.8460	0.7575	0.9888	0.7041	0.5565	0.0071
40.8	0.9901	0.8736	0.8066	0.9939	0.7096	0.4417	0.0452
40.9	0.9880	0.8446	0.8142	0.9929	0.7225	0.3619	0.0780
41.0	0.9848	0.8429	0.7845	0.9907	0.6872	0.1377	0.0821
41.1	0.9881	0.8454	0.7521	0.9942	0.6464	0.0851	0.1116
41.2	0.9883	0.8754	0.7547	0.9944	0.7180	0.1454	0.0550
41.3	0.9836	0.8452	0.6572	0.9926	0.6762	0.1403	0.0137
41.4	0.9847	0.8208	0.5965	0.9904	0.6540	0.2062	0.0370
41.5	0.9834	0.8235	0.5041	0.9914	0.6476	0.2248	0.0284
41.6	0.9875	0.8484	0.5839	0.9938	0.6786	0.2725	0.0178
41.7	0.9877	0.8225	0.5226	0.9936	0.6195	0.2831	0.0095
41.8	0.9881	0.8164	0.5228	0.9945	0.6092	0.2014	0.0247
41.9	0.9874	0.8527	0.5372	0.9948	0.6625	0.2644	0.0926
42.0	0.9838	0.7921	0.3751	0.9940	0.5397	0.3470	0.0961
42.1	0.9846	0.7591	0.2454	0.9951	0.4980	0.3203	0.1180
42.2	0.9847	0.7338	0.4106	0.9944	0.4660	0.1851	0.0639
42.3	0.9806	0.6393	0.3084	0.9909	0.3358	0.3452	0.1199

42.4	0.9866	0.7504	0.2634	0.9933	0.4357	0.4733	0.1855
42.5	0.9857	0.6752	0.2388	0.9926	0.3636	0.4815	0.1817
42.6	0.9770	0.6546	0.0189	0.9898	0.3551	0.4808	0.1639
42.7	0.9835	0.7876	0.0369	0.9882	0.5288	0.5029	0.1622
42.8	0.9857	0.7438	0.0124	0.9914	0.4872	0.4087	0.0660
42.9	0.9858	0.7109	0.0173	0.9928	0.4123	0.4120	0.0925
43.0	0.9823	0.5847	0.0132	0.9902	0.1978	0.5463	0.1808
43.1	0.9836	0.6609	0.0522	0.9905	0.3981	0.5512	0.2273
43.2	0.9830	0.7600	0.0412	0.9906	0.5321	0.5557	0.3023
43.3	0.9786	0.7343	0.0414	0.9901	0.5247	0.4001	0.1751
43.4	0.9779	0.7558	0.0385	0.9916	0.5075	0.3024	0.0497
43.5	0.9663	0.6316	0.0938	0.9887	0.3260	0.2503	0.0267
43.6	0.9596	0.5915	0.1531	0.9866	0.3750	0.1227	0.0053
43.7	0.9654	0.5815	0.1643	0.9844	0.3464	0.1779	0.0341
43.8	0.9636	0.5092	0.0683	0.9825	0.2706	0.2160	0.0266
43.9	0.9704	0.6591	0.0684	0.9892	0.3851	0.1345	0.0057
44.0	0.9661	0.6360	0.0984	0.9893	0.3445	0.1632	0.0133
44.1	0.9546	0.5156	0.1388	0.9862	0.2375	0.1345	0.0314
44.2	0.9511	0.4292	0.0554	0.9829	0.1690	0.1057	0.0464
44.3	0.9374	0.4951	0.1854	0.9804	0.2845	0.0620	0.0238
44.4	0.9289	0.4740	0.2040	0.9753	0.2807	0.0350	0.0235
44.5	0.9478	0.4595	0.1064	0.9657	0.2549	0.0086	0.0103
44.6	0.9510	0.4851	0.1563	0.9743	0.2548	0.1215	0.0075
44.7	0.9558	0.5440	0.1730	0.9830	0.3079	0.1108	0.0012
44.8	0.9648	0.5572	0.1798	0.9810	0.3107	0.0460	0.0086
44.9	0.9601	0.4611	0.1499	0.9878	0.2424	0.0721	0.0170
45.0	0.9307	0.3430	0.1490	0.9749	0.2128	0.0467	0.0439
45.1	0.9386	0.3815	0.1604	0.9831	0.1648	0.0715	0.0169
45.2	0.9203	0.4064	0.2119	0.9849	0.2168	0.0965	0.0031
45.3	0.9088	0.2979	0.2017	0.9788	0.1568	0.0447	0.0105
45.4	0.9324	0.1574	0.0809	0.9689	0.0335	0.0197	0.1110
45.5	0.9406	0.3666	0.0976	0.9778	0.1302	0.0099	0.1286
45.6	0.9531	0.5268	0.1882	0.9884	0.3527	0.0104	0.0329
45.7	0.9441	0.4576	0.2016	0.9815	0.2906	0.0358	0.0011
45.8	0.9018	0.2513	0.0858	0.9657	0.1309	0.0314	0.0171
45.9	0.9173	0.3164	0.1750	0.9661	0.1863	0.0344	0.0009
46.0	0.9342	0.3167	0.1345	0.9725	0.1700	0.0497	0.0039
46.1	0.9338	0.2771	0.0765	0.9722	0.1401	0.0443	0.0271
46.2	0.9175	0.2704	0.0852	0.9650	0.1643	0.0656	0.0089
46.3	0.8998	0.2481	0.0955	0.9591	0.1470	0.0413	0.0024
46.4	0.9419	0.4130	0.2476	0.9647	0.2716	0.0785	0.0209
46.5	0.9384	0.2863	0.1552	0.9733	0.1898	0.0040	0.0961
46.6	0.9435	0.2644	0.1244	0.9713	0.1904	0.0698	0.0504
46.7	0.9492	0.2300	0.0737	0.9749	0.1215	0.0865	0.0188
46.8	0.9504	0.3127	0.0901	0.9758	0.1799	0.1008	0.0033
46.9	0.9504	0.4117	0.1740	0.9782	0.2576	0.1386	0.0178
47.0	0.9654	0.3436	0.2281	0.9801	0.2260	0.4706	0.0006
47.1	0.9739	0.3482	0.4421	0.9859	0.1964	0.4269	0.0158
47.2	0.9351	0.3238	0.1548	0.9849	0.1703	0.0563	0.0050
47.3	0.9394	0.4257	0.1771	0.9915	0.2628	0.0084	0.0637
47.4	0.9455	0.4857	0.1912	0.9935	0.3232	0.0154	0.0261
47.5	0.8913	0.2437	0.0937	0.9850	0.1550	0.0015	0.0184
47.6	0.9093	0.2776	0.1740	0.9832	0.1796	0.0155	0.0246
47.7	0.9040	0.3947	0.3092	0.9731	0.3182	0.0417	0.0117
47.8	0.9191	0.5143	0.4423	0.9817	0.4910	0.2900	0.1411
47.9	0.9459	0.4265	0.2223	0.9787	0.3697	0.3078	0.0852
48.0	0.9735	0.7610	0.3167	0.9891	0.7481	0.1992	0.0450
48.1	0.9315	0.4309	0.2890	0.9744	0.3794	0.0385	0.0452
48.2	0.9411	0.4611	0.5187	0.9845	0.4031	0.0252	0.0515
48.3	0.8915	0.4086	0.2408	0.9736	0.3180	0.0372	0.0554
48.4	0.9440	0.5300	0.3574	0.9702	0.4126	0.1963	0.0748
48.5	0.9326	0.4502	0.2759	0.9832	0.3025	0.0864	0.0625
48.6	0.9168	0.1828	0.2180	0.9772	0.0926	0.1310	0.1980
48.7	0.9398	0.4418	0.5628	0.9851	0.3298	0.0366	0.1805
48.8	0.9170	0.5120	0.4699	0.9871	0.3919	0.0350	0.0433
48.9	0.9167	0.5177	0.5643	0.9860	0.4684	0.0877	0.1436
49.0	0.9167	0.6286	0.4756	0.9909	0.5782	0.1153	0.1885
49.1	0.9278	0.6618	0.5153	0.9909	0.6106	0.0565	0.0953
49.2	0.8497	0.6064	0.3899	0.9885	0.5103	0.1143	0.0668
49.3	0.8361	0.4780	0.3208	0.9804	0.3971	0.0760	0.0270
49.4	0.8934	0.4120	0.2799	0.9885	0.3749	0.1085	0.2651
49.5	0.8896	0.5711	0.4163	0.9894	0.5315	0.1235	0.2117
49.6	0.8807	0.7005	0.4888	0.9908	0.6438	0.2445	0.0806
49.7	0.9150	0.7126	0.5032	0.9931	0.7002	0.3616	0.1394
49.8	0.9092	0.5635	0.3680	0.9905	0.5639	0.2259	0.1156
49.9	0.8778	0.2817	0.2233	0.9886	0.2648	0.0557	0.0826
50.0	0.8799	0.2061	0.3180	0.9841	0.2225	0.1132	0.1934
50.1	0.8356	0.4460	0.2043	0.9914	0.4372	0.2198	0.3131
50.2	0.7801	0.3013	0.1874	0.9852	0.2692	0.1606	0.0675
50.3	0.8819	0.4768	0.2604	0.9856	0.5020	0.4331	0.0968
50.4	0.9105	0.3100	0.1800	0.9883	0.3413	0.2340	0.2352
50.5	0.8780	0.4038	0.2418	0.9898	0.3775	0.3130	0.1235
50.6	0.8654	0.3096	0.1453	0.9910	0.3128	0.3481	0.2121
50.7	0.8636	0.3093	0.0728	0.9880	0.3230	0.3113	0.1947
50.8	0.9125	0.3054	0.0905	0.9909	0.3373	0.3673	0.2680
50.9	0.8854	0.3269	0.3273	0.9881	0.2930	0.2545	0.2159

51.0	0.8697	0.1733	0.2550	0.9907	0.1668	0.2641	0.2386
51.1	0.8491	0.2738	0.1846	0.9848	0.2436	0.3263	0.3258
51.2	0.7633	0.1556	0.0966	0.9835	0.1499	0.2675	0.1914
51.3	0.8536	0.1413	0.1433	0.9895	0.1274	0.3888	0.2186
51.4	0.8631	0.1678	0.0653	0.9870	0.1585	0.2768	0.2497
51.5	0.8094	0.1105	0.1369	0.9855	0.0673	0.1769	0.2113
51.6	0.8373	0.1081	0.2318	0.9858	0.0558	0.3034	0.1544
51.7	0.8196	0.1851	0.1085	0.9756	0.0812	0.1779	0.2001
51.8	0.8561	0.3067	0.3187	0.9893	0.1395	0.2129	0.1707
51.9	0.8268	0.3749	0.2080	0.9842	0.3060	0.4405	0.1333
52.0	0.8113	0.2282	0.1683	0.9675	0.1424	0.1520	0.1814
52.1	0.7547	0.2596	0.1859	0.9771	0.1826	0.2147	0.1393
52.2	0.7150	0.3176	0.2124	0.9725	0.2462	0.2156	0.0674
52.3	0.7009	0.4064	0.2389	0.9735	0.3509	0.4302	0.0114
52.4	0.7027	0.3818	0.2345	0.9768	0.3258	0.4267	0.0551
52.5	0.8063	0.3782	0.1981	0.9687	0.3078	0.2792	0.1019
52.6	0.7221	0.1607	0.0837	0.9537	0.1213	0.2447	0.0982
52.7	0.7072	0.2574	0.1161	0.9690	0.2177	0.4084	0.0437
52.8	0.7658	0.4892	0.0942	0.9697	0.4617	0.5607	0.0932
52.9	0.6088	0.2154	0.0067	0.9465	0.2000	0.2901	0.0740
53.0	0.6446	0.2440	0.1093	0.9593	0.2133	0.3623	0.0401
53.1	0.7391	0.0771	0.2606	0.9389	0.0415	0.0644	0.2408
53.2	0.7197	0.3924	0.3534	0.9518	0.3503	0.3735	0.1761
53.3	0.6540	0.4207	0.3072	0.9526	0.3964	0.4738	0.0514
53.4	0.6848	0.5878	0.5523	0.9628	0.5690	0.6312	0.1646
53.5	0.6397	0.6399	0.4718	0.9760	0.6333	0.7658	0.0874
53.6	0.7181	0.6447	0.3152	0.9689	0.6423	0.6925	0.0130
53.7	0.5845	0.4837	0.2298	0.9432	0.4784	0.5154	0.0357
53.8	0.3622	0.5650	0.3031	0.9386	0.5669	0.6331	0.0364
53.9	0.3161	0.6437	0.3491	0.9604	0.6541	0.7247	0.0594
54.0	0.3654	0.5579	0.3145	0.9437	0.5732	0.6756	0.0891
54.1	0.4458	0.5027	0.1542	0.9468	0.5336	0.7001	0.0233
54.2	0.6590	0.4712	0.2064	0.9614	0.5138	0.7244	0.0116
54.3	0.3234	0.3568	0.1958	0.9077	0.3780	0.5343	0.0587
54.4	0.2131	0.4277	0.2113	0.9087	0.4472	0.6203	0.0904
54.5	0.1735	0.5070	0.2082	0.9260	0.5229	0.7001	0.1340
54.6	0.0946	0.6635	0.3962	0.9448	0.6786	0.8196	0.3417
54.7	0.5499	0.7593	0.5546	0.9711	0.7777	0.9110	0.3656
54.8	0.4581	0.4798	0.5269	0.9564	0.4981	0.7352	0.1474
54.9	0.1211	0.4627	0.3158	0.9160	0.4819	0.6896	0.1475
55.0	0.2270	0.6778	0.4496	0.9601	0.6934	0.8584	0.3061
55.1	0.1190	0.6864	0.4452	0.9567	0.7049	0.8610	0.3806
55.2	0.1904	0.7523	0.4650	0.9585	0.7677	0.8802	0.5017
55.3	0.1170	0.7113	0.4514	0.9368	0.7265	0.8549	0.4851
55.4	0.2752	0.7563	0.4402	0.9486	0.7731	0.8906	0.5486
55.5	0.6232	0.8182	0.3023	0.9656	0.8364	0.9370	0.5995
55.6	0.2104	0.7672	0.5427	0.9611	0.7885	0.9065	0.5000
55.7	0.4303	0.8147	0.4997	0.9607	0.8318	0.9216	0.6227
55.8	0.5636	0.8733	0.6082	0.9554	0.8814	0.9391	0.7545
55.9	0.5833	0.8664	0.5716	0.9610	0.8766	0.9436	0.7476
56.0	0.6288	0.8561	0.4028	0.9581	0.8689	0.9439	0.7321
56.1	0.3647	0.8727	0.6540	0.9645	0.8846	0.9381	0.7620
56.2	0.6767	0.8761	0.6736	0.9457	0.8850	0.9359	0.7887
56.3	0.7352	0.8844	0.6748	0.9533	0.8904	0.9396	0.8044
56.4	0.8026	0.8914	0.7384	0.9493	0.8964	0.9349	0.8344
56.5	0.8149	0.8924	0.7267	0.9333	0.8969	0.9361	0.8433
56.6	0.8195	0.8881	0.7129	0.9400	0.8929	0.9346	0.8377
56.7	0.8761	0.9135	0.8082	0.9475	0.9176	0.9485	0.8796
56.8	0.8824	0.9210	0.8153	0.9504	0.9238	0.9534	0.8869
56.9	0.8771	0.9011	0.7996	0.9297	0.9039	0.9336	0.8658
57.0	0.8935	0.9105	0.7991	0.9308	0.9115	0.9438	0.8762
57.1	0.8981	0.9130	0.7884	0.9209	0.9132	0.9434	0.8760
57.2	0.9193	0.9216	0.4916	0.9085	0.9226	0.9432	0.8976
57.3	0.8642	0.8750	0.7924	0.8930	0.8774	0.9145	0.8583
57.4	0.8985	0.8976	0.8665	0.8757	0.8975	0.9074	0.8816
57.5	0.9064	0.9059	0.8883	0.9008	0.9064	0.9251	0.8974
57.6	0.9180	0.9034	0.8982	0.8604	0.9003	0.9189	0.8967
57.7	0.9163	0.9044	0.9010	0.8574	0.9007	0.9162	0.8981
57.8	0.9366	0.9241	0.9288	0.8382	0.9218	0.9247	0.9238
57.9	0.9350	0.9192	0.9334	0.8354	0.9163	0.9199	0.9199
58.0	0.9173	0.8995	0.9220	0.7958	0.8919	0.8884	0.8901
58.1	0.9211	0.8963	0.9233	0.7450	0.8863	0.8865	0.8884
58.2	0.9291	0.8973	0.9261	0.7069	0.8871	0.8886	0.8995
58.3	0.9438	0.9173	0.9441	0.6769	0.9080	0.8901	0.9109
58.4	0.9558	0.9262	0.9577	0.5916	0.9139	0.8979	0.9181
58.5	0.9556	0.9362	0.9566	0.6205	0.9266	0.9317	0.9295
58.6	0.9374	0.9003	0.9344	0.5187	0.8840	0.8903	0.9145
58.7	0.9361	0.8948	0.9413	0.5856	0.8783	0.8748	0.9033
58.8	0.9433	0.9208	0.9625	0.5190	0.9076	0.8705	0.9210
58.9	0.9631	0.9452	0.9717	0.4085	0.9348	0.9147	0.9481
59.0	0.9553	0.9378	0.9710	0.3774	0.9265	0.8910	0.9397
59.1	0.9504	0.9286	0.9661	0.2462	0.9155	0.8707	0.9319
59.2	0.9688	0.9572	0.9799	0.1974	0.9480	0.9100	0.9546
59.3	0.9594	0.9462	0.9741	0.2108	0.9364	0.9081	0.9365
59.4	0.9485	0.9306	0.9697	0.1387	0.9173	0.8813	0.9141
59.5	0.9596	0.9465	0.9779	0.0124	0.9335	0.8984	0.9269

59.6	0.9652	0.9536	0.9784	0.0055	0.9405	0.9069	0.9286
59.7	0.9616	0.9485	0.9773	0.0027	0.9358	0.8880	0.9196
59.8	0.9670	0.9556	0.9809	0.0139	0.9454	0.9065	0.9368
59.9	0.9578	0.9452	0.9782	0.0006	0.9321	0.8755	0.9064
60.0	0.9244	0.9224	0.9453	0.0506	0.9042	0.8192	0.2435
60.1	0.9610	0.9583	0.9813	0.0068	0.9469	0.8969	0.8726
60.2	0.9553	0.9534	0.9827	0.0262	0.9405	0.8683	0.9011
60.3	0.9606	0.9596	0.9801	0.0157	0.9505	0.8855	0.9198
60.4	0.9482	0.9466	0.9755	0.0128	0.9360	0.8866	0.8936
60.5	0.9685	0.9670	0.9853	0.0197	0.9583	0.9146	0.9290
60.6	0.9556	0.9531	0.9773	0.0442	0.9439	0.8983	0.9072
60.7	0.9598	0.9594	0.9799	0.0490	0.9523	0.8923	0.9157
60.8	0.9628	0.9650	0.9803	0.1096	0.9588	0.8960	0.9226
60.9	0.9619	0.9658	0.9786	0.0814	0.9604	0.9189	0.9080
61.0	0.9706	0.9747	0.9854	0.1020	0.9698	0.9320	0.9280
61.1	0.9655	0.9720	0.9844	0.0735	0.9660	0.9067	0.9232
61.2	0.9636	0.9683	0.9843	0.1466	0.9635	0.9313	0.9192
61.3	0.9678	0.9727	0.9843	0.1527	0.9698	0.9368	0.9266
61.4	0.9430	0.9520	0.9748	0.1669	0.9444	0.9081	0.8759
61.5	0.9562	0.9687	0.9817	0.0878	0.9644	0.9394	0.9021
61.6	0.9621	0.9771	0.9834	0.4003	0.9739	0.9403	0.9165
61.7	0.9520	0.9720	0.9854	0.4073	0.9663	0.9165	0.9076
61.8	0.9421	0.9570	0.9743	0.2255	0.9487	0.8974	0.9002
61.9	0.9447	0.9562	0.9782	0.3784	0.9493	0.8953	0.9112
62.0	0.9518	0.9644	0.9879	0.3389	0.9608	0.9241	0.9217
62.1	0.9533	0.9575	0.9861	0.3793	0.9492	0.9304	0.9263
62.2	0.9626	0.9717	0.9859	0.5377	0.9639	0.9418	0.9443
62.3	0.9413	0.9499	0.9832	0.4780	0.9438	0.9190	0.9295
62.4	0.9452	0.9310	0.9837	0.5091	0.9272	0.9145	0.9352
62.5	0.9594	0.9336	0.9854	0.5226	0.9241	0.9375	0.9516
62.6	0.9543	0.9353	0.9892	0.5578	0.9191	0.9331	0.9488
62.7	0.9519	0.9356	0.9905	0.5805	0.9176	0.9276	0.9476
62.8	0.9517	0.9184	0.9891	0.6257	0.9014	0.9255	0.9500
62.9	0.9444	0.9131	0.9886	0.6101	0.8879	0.9229	0.9462
63.0	0.9372	0.9050	0.9881	0.6337	0.8850	0.9235	0.9412
63.1	0.9433	0.8976	0.9871	0.6649	0.8723	0.9186	0.9482
63.2	0.9436	0.8857	0.9843	0.6590	0.8590	0.9070	0.9485
63.3	0.9512	0.8855	0.9847	0.6971	0.8624	0.9153	0.9577
63.4	0.9577	0.8797	0.9880	0.7638	0.8622	0.9332	0.9657
63.5	0.9522	0.8869	0.9849	0.7673	0.8714	0.9128	0.9565
63.6	0.9528	0.8730	0.9841	0.8000	0.8362	0.8832	0.9619
63.7	0.9622	0.9022	0.9873	0.8665	0.8856	0.9059	0.9698
63.8	0.9574	0.9145	0.9856	0.8740	0.8973	0.9043	0.9708
63.9	0.9351	0.8786	0.9822	0.8386	0.8649	0.8828	0.9527
64.0	0.9471	0.8726	0.9842	0.8776	0.8636	0.8815	0.9586
64.1	0.9352	0.8573	0.9825	0.8688	0.8392	0.8818	0.9572
64.2	0.9385	0.8618	0.9848	0.8769	0.8437	0.8889	0.9524
64.3	0.9387	0.8612	0.9866	0.9005	0.8385	0.9022	0.9686
64.4	0.9258	0.8969	0.9821	0.8965	0.8703	0.8657	0.9654
64.5	0.9227	0.8769	0.9808	0.8931	0.8541	0.8512	0.9601
64.6	0.9292	0.8853	0.9823	0.9101	0.8741	0.8632	0.9600
64.7	0.9325	0.8948	0.9871	0.9152	0.8814	0.8726	0.9654
64.8	0.9276	0.8849	0.9862	0.9412	0.8738	0.8852	0.9758
64.9	0.9192	0.9136	0.9900	0.9329	0.9003	0.9093	0.9716
65.0	0.9138	0.9097	0.9880	0.9351	0.9038	0.9045	0.9694
65.1	0.9030	0.8966	0.9836	0.9099	0.8897	0.8444	0.9688
65.2	0.8947	0.8870	0.9751	0.9118	0.8739	0.7902	0.9645
65.3	0.8881	0.8551	0.9765	0.9199	0.8642	0.8294	0.9678
65.4	0.8934	0.8857	0.9801	0.9365	0.8943	0.8839	0.9728
65.5	0.8953	0.9230	0.9799	0.9418	0.9256	0.8848	0.9765
65.6	0.8886	0.9012	0.9786	0.9486	0.9060	0.8919	0.9764
65.7	0.8473	0.8829	0.9763	0.9484	0.8877	0.9049	0.9784
65.8	0.8318	0.8843	0.9722	0.9472	0.8884	0.8901	0.9739
65.9	0.7418	0.9050	0.9663	0.9386	0.9125	0.8683	0.9754
66.0	0.6356	0.9078	0.9720	0.9221	0.9073	0.8872	0.9641
66.1	0.6582	0.9285	0.9769	0.9495	0.9397	0.9194	0.9765
66.2	0.6006	0.9266	0.9763	0.9495	0.9388	0.9294	0.9829
66.3	0.3471	0.8953	0.9723	0.9441	0.9113	0.9298	0.9782
66.4	0.2819	0.8179	0.9633	0.9311	0.8470	0.9087	0.9646
66.5	0.4549	0.8526	0.9630	0.9227	0.8715	0.9071	0.9676
66.6	0.5263	0.8917	0.9611	0.9111	0.9059	0.9155	0.9721
66.7	0.6378	0.8514	0.9666	0.9245	0.8752	0.9311	0.9694
66.8	0.7004	0.8181	0.9662	0.9276	0.8564	0.9330	0.9670
66.9	0.7034	0.8178	0.9602	0.9090	0.8757	0.9277	0.9715
67.0	0.6899	0.8264	0.9540	0.9299	0.8740	0.9216	0.9673
67.1	0.7887	0.8196	0.9615	0.9405	0.8636	0.9342	0.9757
67.2	0.8334	0.8250	0.9523	0.9298	0.8715	0.9264	0.9783
67.3	0.8168	0.7691	0.9370	0.9052	0.8362	0.9119	0.9690
67.4	0.8291	0.7512	0.9436	0.9098	0.8211	0.9219	0.9698
67.5	0.8416	0.7173	0.9424	0.8947	0.8008	0.9218	0.9714
67.6	0.8167	0.6101	0.9421	0.8444	0.7153	0.9211	0.9654
67.7	0.8717	0.6539	0.9513	0.9063	0.7525	0.9352	0.9803
67.8	0.8605	0.6034	0.9450	0.8976	0.6864	0.9270	0.9726
67.9	0.8741	0.5700	0.9402	0.8896	0.6082	0.9163	0.9716
68.0	0.8613	0.7119	0.9361	0.9108	0.6915	0.9089	0.9765
68.1	0.8564	0.6763	0.9344	0.8936	0.6683	0.9134	0.9835

68.2	0.8454	0.6128	0.9426	0.8766	0.5724	0.9211	0.9804
68.3	0.8321	0.6327	0.9309	0.8290	0.5222	0.9069	0.9764
68.4	0.8150	0.7037	0.9113	0.8449	0.5439	0.8796	0.9735
68.5	0.7449	0.6495	0.8515	0.7648	0.4622	0.7985	0.9667
68.6	0.7698	0.6943	0.8691	0.8136	0.5469	0.8134	0.9712
68.7	0.7890	0.7340	0.8869	0.8098	0.6287	0.8265	0.9708
68.8	0.7626	0.7265	0.8767	0.7882	0.6114	0.8181	0.9681
68.9	0.7960	0.7645	0.8849	0.7859	0.6481	0.8158	0.9717
69.0	0.7413	0.7072	0.8612	0.7740	0.5780	0.7853	0.9721
69.1	0.6588	0.6879	0.8208	0.7685	0.5479	0.7100	0.9583
69.2	0.7297	0.7902	0.8375	0.7745	0.6846	0.7111	0.9628
69.3	0.7182	0.7173	0.8051	0.7884	0.5815	0.6772	0.9613
69.4	0.7622	0.7907	0.7544	0.7840	0.6817	0.5741	0.9638
69.5	0.7439	0.8433	0.8146	0.8150	0.7571	0.6795	0.9694
69.6	0.6607	0.7369	0.7757	0.7687	0.6057	0.6426	0.9531
69.7	0.6828	0.8322	0.5994	0.7207	0.7372	0.3717	0.9665
69.8	0.6853	0.8489	0.6389	0.7406	0.7754	0.4058	0.9689
69.9	0.6684	0.7976	0.5703	0.7655	0.7003	0.3412	0.9626
70.0	0.6363	0.7930	0.5901	0.7302	0.6913	0.3633	0.9565
70.1	0.6404	0.8425	0.5394	0.7899	0.7593	0.2894	0.9633
70.2	0.6329	0.8225	0.5344	0.7728	0.7258	0.3068	0.9616
70.3	0.6799	0.8716	0.5761	0.8287	0.8202	0.3217	0.9670
70.4	0.6248	0.8628	0.3655	0.8055	0.7980	0.1496	0.9652
70.5	0.6897	0.8639	0.2825	0.7827	0.8052	0.1118	0.9598
70.6	0.6965	0.8732	0.4027	0.8432	0.8302	0.1600	0.9590
70.7	0.6964	0.8311	0.2432	0.8372	0.7930	0.0458	0.9509
70.8	0.8090	0.8937	0.0880	0.8148	0.8775	0.0184	0.9611
70.9	0.8094	0.9231	0.1463	0.8466	0.9100	0.0062	0.9654
71.0	0.8160	0.9110	0.1593	0.8462	0.8911	0.0079	0.9684
71.1	0.7945	0.9130	0.0954	0.8236	0.8923	0.0986	0.9655
71.2	0.8218	0.9310	0.0312	0.7826	0.9229	0.1431	0.9665
71.3	0.8396	0.9073	0.0354	0.8400	0.8963	0.1516	0.9579
71.4	0.8353	0.9020	0.0359	0.8266	0.8927	0.1658	0.9546
71.5	0.8687	0.9174	0.0039	0.8487	0.9139	0.1649	0.9631
71.6	0.8597	0.9176	0.0439	0.8755	0.9106	0.2076	0.9590
71.7	0.8641	0.9287	0.2245	0.8954	0.9256	0.4166	0.9603
71.8	0.8938	0.9206	0.3158	0.8746	0.9240	0.4994	0.9669
71.9	0.8577	0.9125	0.1977	0.8954	0.9099	0.4086	0.9570
72.0	0.8815	0.9164	0.2077	0.8894	0.9219	0.4487	0.9544
72.1	0.8536	0.9058	0.2425	0.8417	0.9069	0.4359	0.9476
72.2	0.8639	0.9107	0.3203	0.8319	0.9157	0.5226	0.9546
72.3	0.9032	0.9162	0.4843	0.8852	0.9284	0.6665	0.9554
72.4	0.8883	0.9233	0.4948	0.8960	0.9298	0.6594	0.9507
72.5	0.8882	0.9257	0.5061	0.9026	0.9343	0.6442	0.9547
72.6	0.8917	0.9167	0.5319	0.9073	0.9254	0.6662	0.9522
72.7	0.8998	0.9344	0.5719	0.9290	0.9384	0.6948	0.9640
72.8	0.8932	0.9396	0.6097	0.9352	0.9418	0.7213	0.9615
72.9	0.9043	0.9380	0.6478	0.9285	0.9421	0.7526	0.9650
73.0	0.8822	0.9236	0.6134	0.9253	0.9281	0.7112	0.9579
73.1	0.8826	0.9177	0.6971	0.9312	0.9230	0.7658	0.9440
73.2	0.8925	0.9186	0.7035	0.9026	0.9295	0.7703	0.9383
73.3	0.8720	0.9112	0.6978	0.8987	0.9219	0.7533	0.9286
73.4	0.8795	0.9170	0.7505	0.9115	0.9283	0.7994	0.9338
73.5	0.9122	0.9472	0.7845	0.9381	0.9521	0.8145	0.9524
73.6	0.9135	0.9461	0.8246	0.9456	0.9501	0.8411	0.9550
73.7	0.8863	0.9317	0.8177	0.9443	0.9399	0.8320	0.9494
73.8	0.9150	0.9577	0.8440	0.9669	0.9605	0.8574	0.9666
73.9	0.9042	0.9514	0.8579	0.9406	0.9555	0.8634	0.9557
74.0	0.8942	0.9355	0.8473	0.9253	0.9436	0.8496	0.9437
74.1	0.8647	0.9233	0.8271	0.9337	0.9313	0.8250	0.9406
74.2	0.9058	0.9466	0.8691	0.9454	0.9547	0.8667	0.9509
74.3	0.8975	0.9476	0.8928	0.9530	0.9550	0.8854	0.9501
74.4	0.8726	0.9417	0.8563	0.9452	0.9445	0.8465	0.9338
74.5	0.8464	0.9201	0.8265	0.9207	0.9303	0.8201	0.9321
74.6	0.8490	0.8995	0.8452	0.9018	0.9206	0.8420	0.9137
74.7	0.9140	0.9370	0.8890	0.9445	0.9474	0.8874	0.9351
74.8	0.9308	0.9530	0.9220	0.9640	0.9627	0.9150	0.9607
74.9	0.9180	0.9551	0.9126	0.9608	0.9624	0.9064	0.9674
75.0	0.9019	0.9503	0.8977	0.9544	0.9550	0.8853	0.9594
75.1	0.8790	0.9365	0.9035	0.9456	0.9419	0.8945	0.9445
75.2	0.8874	0.9335	0.9137	0.9412	0.9448	0.9091	0.9426
75.3	0.9342	0.9626	0.9286	0.9673	0.9695	0.9193	0.9637
75.4	0.9334	0.9532	0.9328	0.9562	0.9623	0.9196	0.9564
75.5	0.9162	0.9481	0.9063	0.9535	0.9538	0.8882	0.9535
75.6	0.8892	0.9284	0.8954	0.9373	0.9388	0.8797	0.9402
75.7	0.9348	0.9599	0.9338	0.9605	0.9632	0.9237	0.9643
75.8	0.9226	0.9528	0.9279	0.9611	0.9573	0.9165	0.9546
75.9	0.9099	0.9500	0.9090	0.9635	0.9521	0.8857	0.9512
76.0	0.9230	0.9563	0.9220	0.9670	0.9602	0.9023	0.9604
76.1	0.9454	0.9663	0.9386	0.9709	0.9700	0.9190	0.9676
76.2	0.9396	0.9688	0.9397	0.9696	0.9703	0.9175	0.9687
76.3	0.9315	0.9540	0.9278	0.9598	0.9580	0.9054	0.9532
76.4	0.9289	0.9456	0.9081	0.9495	0.9513	0.8810	0.9496
76.5	0.9371	0.9536	0.9394	0.9608	0.9590	0.9212	0.9623
76.6	0.9563	0.9641	0.9589	0.9675	0.9683	0.9478	0.9670
76.7	0.9441	0.9633	0.9346	0.9658	0.9639	0.9178	0.9703

76.8	0.9501	0.9637	0.9448	0.9680	0.9692	0.9324	0.9697
76.9	0.9506	0.9574	0.9512	0.9638	0.9657	0.9410	0.9662
77.0	0.9383	0.9582	0.9297	0.9581	0.9595	0.9136	0.9621
77.1	0.9393	0.9589	0.9229	0.9651	0.9596	0.9036	0.9636
77.2	0.9500	0.9542	0.9506	0.9571	0.9669	0.9368	0.9541
77.3	0.9610	0.9670	0.9549	0.9695	0.9713	0.9441	0.9691
77.4	0.9654	0.9673	0.9598	0.9669	0.9722	0.9514	0.9649
77.5	0.9640	0.9609	0.9686	0.9571	0.9675	0.9617	0.9563
77.6	0.9549	0.9572	0.9583	0.9542	0.9626	0.9522	0.9531
77.7	0.9510	0.9599	0.9630	0.9623	0.9652	0.9596	0.9593
77.8	0.9620	0.9639	0.9669	0.9658	0.9688	0.9626	0.9640
77.9	0.9557	0.9536	0.9581	0.9570	0.9601	0.9513	0.9580
78.0	0.9403	0.9455	0.9555	0.9455	0.9585	0.9483	0.9442
78.1	0.9429	0.9462	0.9559	0.9459	0.9604	0.9493	0.9469
78.2	0.9231	0.9307	0.9422	0.9319	0.9417	0.9371	0.9316
78.3	0.9443	0.9472	0.9658	0.9519	0.9625	0.9622	0.9375
78.4	0.9588	0.9561	0.9697	0.9625	0.9676	0.9683	0.9592
78.5	0.9465	0.9532	0.9647	0.9528	0.9631	0.9610	0.9536
78.6	0.9475	0.9528	0.9637	0.9541	0.9610	0.9596	0.9421
78.7	0.9691	0.9651	0.9691	0.9531	0.9704	0.9674	0.9479
78.8	0.9620	0.9574	0.9685	0.9479	0.9670	0.9630	0.9439
78.9	0.9561	0.9589	0.9766	0.9584	0.9661	0.9749	0.9552
79.0	0.9471	0.9418	0.9687	0.9439	0.9526	0.9651	0.9353
79.1	0.9401	0.9385	0.9658	0.9423	0.9492	0.9616	0.9025
79.2	0.9554	0.9534	0.9774	0.9584	0.9638	0.9752	0.9289
79.3	0.9463	0.9529	0.9731	0.9571	0.9637	0.9698	0.9175
79.4	0.9545	0.9660	0.9763	0.9594	0.9710	0.9719	0.9314
79.5	0.9526	0.9674	0.9727	0.9524	0.9688	0.9671	0.9351
79.6	0.9319	0.9528	0.9738	0.9469	0.9601	0.9675	0.9173
79.7	0.9399	0.9539	0.9813	0.9439	0.9590	0.9765	0.9131
79.8	0.9614	0.9644	0.9829	0.9633	0.9703	0.9793	0.9309
79.9	0.9537	0.9629	0.9750	0.9664	0.9689	0.9697	0.9146
80.0	0.9460	0.9587	0.9805	0.9684	0.9694	0.9756	0.8640

2.2.13 Run 2 – IP270 – Accels 1–8

In-plane shaking at 270°. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.8098	0.6107	0.9309	0.8861	0.1821	0.6264	0.5094	0.4768
0.1	0.5789	0.3300	0.7361	0.5852	0.0797	0.2487	0.1739	0.1055
0.2	0.0073	0.0073	0.0190	0.0011	0.0605	0.0327	0.0360	0.0257
0.3	0.0110	0.0022	0.0043	0.0024	0.0004	0.0124	0.0114	0.0344
0.4	0.0020	0.0023	0.0091	0.0039	0.0208	0.0177	0.0204	0.0779
0.5	0.1249	0.0385	0.0005	0.0897	0.0106	0.0132	0.0535	0.0030
0.6	0.0849	0.1110	0.0075	0.0410	0.0181	0.0003	0.0749	0.0331
0.7	0.0484	0.1653	0.0005	0.0062	0.0413	0.0168	0.1095	0.0255
0.8	0.4914	0.5972	0.0101	0.0319	0.0207	0.2614	0.0045	0.0589
0.9	0.7807	0.8279	0.0172	0.0492	0.0142	0.5477	0.0557	0.0539
1.0	0.8050	0.8973	0.0129	0.0706	0.0168	0.6220	0.0036	0.0866
1.1	0.8900	0.9288	0.0269	0.0006	0.2380	0.7788	0.0017	0.1045
1.2	0.9099	0.9215	0.2156	0.0262	0.4456	0.7872	0.0057	0.0764
1.3	0.9268	0.9341	0.6279	0.0205	0.4773	0.8389	0.0017	0.3861
1.4	0.9300	0.9461	0.8272	0.0636	0.2619	0.8930	0.0208	0.2325
1.5	0.9261	0.9363	0.8083	0.1009	0.3186	0.8913	0.0009	0.2891
1.6	0.9494	0.9523	0.9009	0.1018	0.8172	0.9260	0.0354	0.7353
1.7	0.9140	0.9166	0.8544	0.0786	0.9064	0.8927	0.1137	0.8716
1.8	0.8680	0.8701	0.8279	0.1080	0.9186	0.8503	0.0917	0.8968
1.9	0.7659	0.7656	0.7425	0.2306	0.8953	0.7547	0.1230	0.8653
2.0	0.7525	0.7458	0.8543	0.3812	0.8697	0.7734	0.1579	0.7992
2.1	0.8141	0.8073	0.8643	0.5826	0.8012	0.8457	0.4815	0.8238
2.2	0.9121	0.9052	0.6111	0.7083	0.5228	0.9395	0.5791	0.6431
2.3	0.9104	0.9014	0.3628	0.4459	0.4206	0.9366	0.3900	0.5167
2.4	0.9148	0.9014	0.3882	0.2292	0.5225	0.9563	0.4130	0.5871
2.5	0.9202	0.9037	0.6928	0.1237	0.8646	0.9671	0.6157	0.8869
2.6	0.9123	0.8897	0.8477	0.5255	0.9684	0.9699	0.5194	0.9570
2.7	0.9181	0.8960	0.8512	0.7053	0.9856	0.9747	0.3030	0.9627
2.8	0.8990	0.8648	0.8030	0.8232	0.9909	0.9745	0.1772	0.9575
2.9	0.8315	0.7664	0.6975	0.7601	0.9936	0.9705	0.0449	0.9438
3.0	0.7026	0.6558	0.6207	0.6160	0.9910	0.9469	0.0277	0.8956
3.1	0.5876	0.5781	0.4357	0.6711	0.9865	0.9193	0.0192	0.8502
3.2	0.5494	0.5650	0.3094	0.7375	0.9896	0.9420	0.0264	0.8938
3.3	0.4484	0.5899	0.2807	0.7327	0.9878	0.9336	0.0402	0.8715
3.4	0.5480	0.6951	0.3512	0.7419	0.9882	0.9346	0.0280	0.8727
3.5	0.4394	0.6711	0.1167	0.6924	0.9778	0.9214	0.0408	0.8408
3.6	0.5156	0.7540	0.0884	0.6952	0.9739	0.9278	0.0993	0.8483
3.7	0.6443	0.8223	0.1923	0.7645	0.9784	0.9427	0.1508	0.8816
3.8	0.7528	0.8709	0.2496	0.7996	0.9662	0.9427	0.1559	0.8922
3.9	0.8104	0.8960	0.2234	0.7939	0.9561	0.9333	0.1506	0.8707
4.0	0.8766	0.9329	0.1617	0.8315	0.9671	0.9489	0.1281	0.8906
4.1	0.8973	0.9433	0.1135	0.8169	0.9611	0.9536	0.2188	0.9017
4.2	0.9149	0.9507	0.1106	0.8173	0.9390	0.9451	0.2366	0.8848
4.3	0.9391	0.9642	0.2477	0.8089	0.9391	0.9466	0.1688	0.8910
4.4	0.9527	0.9719	0.1414	0.7724	0.9159	0.9549	0.1852	0.8799
4.5	0.9811	0.9886	0.1235	0.7972	0.9214	0.9747	0.2564	0.9176
4.6	0.9866	0.9915	0.1105	0.7427	0.9007	0.9782	0.2226	0.9342
4.7	0.9785	0.9863	0.0353	0.7630	0.8668	0.9663	0.1349	0.8758
4.8	0.9869	0.9914	0.0102	0.8023	0.8753	0.9730	0.2398	0.8817
4.9	0.9904	0.9934	0.0093	0.8275	0.8815	0.9812	0.3115	0.9155
5.0	0.9958	0.9969	0.0620	0.8578	0.8966	0.9905	0.3701	0.9373
5.1	0.9954	0.9966	0.1426	0.8711	0.8849	0.9894	0.2424	0.9372
5.2	0.9967	0.9975	0.2092	0.8695	0.8841	0.9894	0.3215	0.9414
5.3	0.9962	0.9971	0.1989	0.8757	0.9023	0.9867	0.3567	0.9570
5.4	0.9960	0.9968	0.0749	0.7586	0.8094	0.9842	0.1165	0.9499
5.5	0.9963	0.9971	0.0667	0.7679	0.7901	0.9802	0.1809	0.9486
5.6	0.9962	0.9972	0.1120	0.8462	0.7196	0.9774	0.3923	0.9498
5.7	0.9949	0.9962	0.0339	0.8620	0.6641	0.9674	0.3320	0.9269
5.8	0.9951	0.9965	0.0715	0.8105	0.6472	0.9654	0.3061	0.9189
5.9	0.9946	0.9964	0.0807	0.8045	0.6099	0.9570	0.3886	0.9055
6.0	0.9948	0.9965	0.0670	0.8015	0.7289	0.9597	0.4207	0.9254
6.1	0.9962	0.9974	0.1996	0.8446	0.6803	0.9705	0.6040	0.9367
6.2	0.9941	0.9958	0.1957	0.8595	0.6154	0.9599	0.6189	0.9183
6.3	0.9950	0.9965	0.3703	0.8450	0.6642	0.9583	0.6663	0.9311
6.4	0.9967	0.9976	0.3885	0.8314	0.7400	0.9684	0.6981	0.9448
6.5	0.9966	0.9974	0.1960	0.6731	0.7008	0.9665	0.4073	0.9295
6.6	0.9970	0.9977	0.3289	0.7598	0.7814	0.9694	0.5487	0.9371
6.7	0.9966	0.9974	0.4025	0.7522	0.7852	0.9651	0.6079	0.9465
6.8	0.9966	0.9975	0.4211	0.7061	0.7319	0.9632	0.5731	0.9509
6.9	0.9971	0.9978	0.4048	0.6498	0.7525	0.9671	0.5348	0.9245
7.0	0.9980	0.9984	0.5479	0.6891	0.7841	0.9769	0.6259	0.9078
7.1	0.9979	0.9983	0.5710	0.6461	0.8090	0.9782	0.5932	0.8543
7.2	0.9989	0.9991	0.6738	0.6781	0.8636	0.9891	0.6685	0.8038
7.3	0.9989	0.9991	0.7381	0.7220	0.8151	0.9918	0.7400	0.7873
7.4	0.9991	0.9993	0.7720	0.7806	0.7633	0.9906	0.8235	0.7920
7.5	0.9992	0.9993	0.7041	0.7004	0.8202	0.9910	0.7703	0.7692
7.6	0.9990	0.9991	0.6978	0.5645	0.7842	0.9881	0.7177	0.8203
7.7	0.9985	0.9988	0.5910	0.4805	0.6632	0.9842	0.7095	0.8672
7.8	0.9991	0.9992	0.4847	0.4749	0.6751	0.9887	0.7663	0.9217
7.9	0.9992	0.9993	0.5057	0.3663	0.7405	0.9921	0.7626	0.9536

8.0	0.9993	0.9994	0.5582	0.3485	0.7409	0.9926	0.7492	0.9522
8.1	0.9992	0.9994	0.4405	0.3197	0.6536	0.9920	0.7593	0.9466
8.2	0.9991	0.9993	0.4625	0.3445	0.6754	0.9939	0.8236	0.9541
8.3	0.9995	0.9996	0.5475	0.3057	0.7475	0.9966	0.8339	0.9636
8.4	0.9992	0.9993	0.4664	0.2798	0.7402	0.9949	0.8338	0.9627
8.5	0.9992	0.9994	0.5179	0.0991	0.7326	0.9944	0.7714	0.9689
8.6	0.9992	0.9994	0.5514	0.0730	0.7405	0.9963	0.8071	0.9736
8.7	0.9994	0.9995	0.5228	0.0447	0.7578	0.9960	0.8775	0.9743
8.8	0.9994	0.9995	0.5723	0.0842	0.7879	0.9959	0.8037	0.9684
8.9	0.9993	0.9994	0.5637	0.2250	0.7678	0.9936	0.7935	0.9481
9.0	0.9995	0.9995	0.6610	0.3335	0.7921	0.9928	0.7647	0.9377
9.1	0.9996	0.9996	0.8507	0.5646	0.8626	0.9929	0.7683	0.9531
9.2	0.9993	0.9995	0.8774	0.6673	0.8980	0.9939	0.8089	0.9615
9.3	0.9993	0.9995	0.8753	0.7567	0.9170	0.9934	0.6861	0.9359
9.4	0.9995	0.9996	0.9096	0.8183	0.9394	0.9943	0.4793	0.9213
9.5	0.9995	0.9996	0.9197	0.8204	0.9420	0.9928	0.3393	0.8987
9.6	0.9994	0.9995	0.9118	0.7984	0.9207	0.9913	0.3425	0.8414
9.7	0.9993	0.9994	0.9285	0.8488	0.9284	0.9911	0.1333	0.8032
9.8	0.9993	0.9993	0.7755	0.7077	0.8948	0.9872	0.1366	0.6401
9.9	0.9994	0.9995	0.8100	0.7207	0.9085	0.9894	0.2906	0.7774
10.0	0.9992	0.9993	0.9086	0.7625	0.8991	0.9872	0.3301	0.8189
10.1	0.9993	0.9994	0.9042	0.7036	0.9238	0.9902	0.2840	0.8526
10.2	0.9995	0.9994	0.8574	0.6407	0.9249	0.9897	0.2347	0.8276
10.3	0.9994	0.9995	0.8495	0.6257	0.9554	0.9910	0.3243	0.8526
10.4	0.9994	0.9995	0.9020	0.6987	0.9521	0.9910	0.3481	0.8983
10.5	0.9992	0.9993	0.9187	0.7700	0.9485	0.9884	0.3975	0.8875
10.6	0.9993	0.9994	0.9556	0.8871	0.9599	0.9914	0.5665	0.9453
10.7	0.9994	0.9995	0.9732	0.9243	0.9684	0.9940	0.6944	0.9506
10.8	0.9991	0.9995	0.9665	0.9155	0.9613	0.9910	0.7442	0.9302
10.9	0.9993	0.9996	0.9694	0.9510	0.9668	0.9930	0.8296	0.9375
11.0	0.9993	0.9994	0.9720	0.9560	0.9639	0.9928	0.8361	0.9425
11.1	0.9989	0.9990	0.9577	0.9404	0.9437	0.9915	0.8109	0.9278
11.2	0.9991	0.9992	0.9521	0.9329	0.9405	0.9927	0.8387	0.8989
11.3	0.9991	0.9992	0.9425	0.9412	0.9553	0.9950	0.8414	0.8979
11.4	0.9993	0.9994	0.9424	0.9623	0.9513	0.9954	0.8863	0.9180
11.5	0.9993	0.9994	0.9246	0.9621	0.9435	0.9950	0.8717	0.9339
11.6	0.9992	0.9993	0.9062	0.9549	0.9284	0.9951	0.8544	0.9302
11.7	0.9985	0.9987	0.8809	0.9452	0.9059	0.9935	0.8582	0.9078
11.8	0.9989	0.9991	0.8789	0.9569	0.9217	0.9950	0.8918	0.9413
11.9	0.9989	0.9992	0.8855	0.9645	0.9171	0.9953	0.8948	0.9486
12.0	0.9984	0.9988	0.8331	0.9552	0.9093	0.9944	0.8840	0.9633
12.1	0.9985	0.9989	0.8332	0.9408	0.9137	0.9951	0.8932	0.9597
12.2	0.9988	0.9990	0.8680	0.9544	0.8987	0.9956	0.9200	0.9721
12.3	0.9990	0.9991	0.8691	0.9433	0.9070	0.9958	0.9357	0.9789
12.4	0.9988	0.9989	0.8363	0.9263	0.9076	0.9959	0.9299	0.9775
12.5	0.9986	0.9987	0.8472	0.9157	0.8715	0.9941	0.9193	0.9779
12.6	0.9989	0.9990	0.8203	0.9463	0.8897	0.9939	0.9321	0.9842
12.7	0.9990	0.9990	0.7994	0.9415	0.9186	0.9948	0.9412	0.9818
12.8	0.9991	0.9992	0.7988	0.9344	0.9113	0.9946	0.9321	0.9794
12.9	0.9990	0.9990	0.7729	0.9274	0.8900	0.9926	0.9252	0.9768
13.0	0.9992	0.9993	0.7688	0.9467	0.8704	0.9928	0.9200	0.9732
13.1	0.9992	0.9993	0.6798	0.9641	0.8743	0.9947	0.9238	0.9697
13.2	0.9990	0.9991	0.5074	0.9575	0.8989	0.9961	0.9425	0.9753
13.3	0.9992	0.9992	0.4606	0.9589	0.9196	0.9974	0.9674	0.9815
13.4	0.9988	0.9988	0.2530	0.9578	0.9003	0.9977	0.9672	0.9719
13.5	0.9989	0.9990	0.1076	0.9591	0.9032	0.9979	0.9662	0.9648
13.6	0.9986	0.9986	0.0115	0.9415	0.9102	0.9976	0.9759	0.9497
13.7	0.9982	0.9982	0.2004	0.9152	0.8928	0.9969	0.9720	0.8902
13.8	0.9987	0.9987	0.4789	0.9257	0.9209	0.9963	0.9762	0.8393
13.9	0.9988	0.9988	0.7468	0.9406	0.9493	0.9966	0.9748	0.8733
14.0	0.9986	0.9986	0.8403	0.9466	0.9534	0.9983	0.9738	0.9062
14.1	0.9983	0.9983	0.8902	0.9620	0.9535	0.9983	0.9784	0.9605
14.2	0.9979	0.9979	0.9212	0.9711	0.9532	0.9981	0.9767	0.9656
14.3	0.9981	0.9981	0.9197	0.9746	0.9535	0.9979	0.9828	0.9728
14.4	0.9978	0.9978	0.9446	0.9816	0.9655	0.9975	0.9849	0.9777
14.5	0.9973	0.9973	0.9496	0.9802	0.9616	0.9971	0.9749	0.9751
14.6	0.9951	0.9952	0.9360	0.9609	0.9655	0.9964	0.9489	0.9612
14.7	0.9972	0.9973	0.9509	0.9566	0.9655	0.9970	0.9483	0.9648
14.8	0.9979	0.9979	0.9173	0.9525	0.9577	0.9965	0.9320	0.9540
14.9	0.9984	0.9984	0.9526	0.9763	0.9716	0.9957	0.9651	0.9720
15.0	0.9942	0.9943	0.9259	0.9718	0.9629	0.9915	0.9571	0.9414
15.1	0.9919	0.9920	0.9142	0.9817	0.9639	0.9940	0.9668	0.9422
15.2	0.9937	0.9937	0.8474	0.9885	0.9678	0.9950	0.9811	0.9265
15.3	0.9889	0.9890	0.7014	0.9876	0.9563	0.9944	0.9791	0.8741
15.4	0.9848	0.9849	0.5168	0.9838	0.9654	0.9942	0.9750	0.6330
15.5	0.9826	0.9827	0.6496	0.9843	0.9634	0.9939	0.9812	0.4391
15.6	0.9683	0.9684	0.7713	0.9682	0.9415	0.9901	0.9607	0.3175
15.7	0.9676	0.9676	0.8626	0.9640	0.9498	0.9923	0.9541	0.5723
15.8	0.9572	0.9573	0.8867	0.9491	0.9351	0.9898	0.9145	0.7473
15.9	0.9659	0.9659	0.9240	0.9573	0.9522	0.9919	0.9207	0.8886
16.0	0.9758	0.9759	0.9397	0.9631	0.9569	0.9933	0.9180	0.9093
16.1	0.9736	0.9737	0.9400	0.9574	0.9403	0.9948	0.8935	0.9280
16.2	0.9858	0.9858	0.9513	0.9739	0.9691	0.9970	0.8977	0.9679
16.3	0.9911	0.9911	0.9524	0.9796	0.9759	0.9976	0.8686	0.9717
16.4	0.9921	0.9922	0.9496	0.9740	0.9865	0.9974	0.7508	0.9803
16.5	0.9945	0.9945	0.9173	0.9697	0.9832	0.9972	0.3874	0.9694

16.6	0.9967	0.9966	0.9464	0.9766	0.9839	0.9975	0.3411	0.9755
16.7	0.9968	0.9967	0.9456	0.9783	0.9773	0.9969	0.5940	0.9698
16.8	0.9872	0.9869	0.9322	0.9621	0.9592	0.9928	0.6647	0.9596
16.9	0.9832	0.9830	0.9296	0.9639	0.9651	0.9936	0.6759	0.9594
17.0	0.9943	0.9942	0.9491	0.9887	0.9606	0.9968	0.7759	0.9660
17.1	0.9932	0.9930	0.8828	0.9646	0.8922	0.9954	0.2366	0.9203
17.2	0.9899	0.9896	0.8708	0.9721	0.8566	0.9971	0.1878	0.8717
17.3	0.9954	0.9953	0.9311	0.9874	0.9058	0.9983	0.7946	0.8955
17.4	0.9965	0.9964	0.9622	0.9883	0.9398	0.9982	0.8939	0.9318
17.5	0.9981	0.9981	0.9770	0.9824	0.9173	0.9987	0.9187	0.9491
17.6	0.9983	0.9982	0.9754	0.9781	0.8752	0.9986	0.9044	0.9299
17.7	0.9987	0.9986	0.9782	0.9804	0.8133	0.9982	0.9248	0.9128
17.8	0.9989	0.9988	0.9821	0.9754	0.6939	0.9977	0.8993	0.8852
17.9	0.9993	0.9992	0.9816	0.9686	0.5019	0.9972	0.8665	0.8654
18.0	0.9990	0.9990	0.9713	0.9710	0.4501	0.9974	0.8802	0.8350
18.1	0.9990	0.9990	0.9807	0.9766	0.7054	0.9985	0.8944	0.8965
18.2	0.9993	0.9993	0.9851	0.9840	0.8623	0.9988	0.9351	0.9205
18.3	0.9992	0.9992	0.9842	0.9730	0.8773	0.9987	0.9108	0.9390
18.4	0.9990	0.9991	0.9857	0.9689	0.8917	0.9986	0.9016	0.9495
18.5	0.9990	0.9990	0.9855	0.8941	0.8379	0.9979	0.7066	0.9498
18.6	0.9995	0.9994	0.9771	0.6389	0.7660	0.9978	0.4159	0.9569
18.7	0.9997	0.9997	0.9855	0.8471	0.7455	0.9988	0.2146	0.9670
18.8	0.9995	0.9995	0.9906	0.9640	0.7449	0.9991	0.5695	0.9717
18.9	0.9995	0.9995	0.9879	0.9609	0.5856	0.9986	0.6351	0.9685
19.0	0.9991	0.9991	0.9841	0.9627	0.4475	0.9978	0.6887	0.9494
19.1	0.9991	0.9991	0.9846	0.9738	0.4738	0.9982	0.8114	0.9438
19.2	0.9992	0.9992	0.9831	0.9712	0.4728	0.9974	0.8398	0.9459
19.3	0.9991	0.9991	0.9834	0.9706	0.4023	0.9962	0.8395	0.9359
19.4	0.9991	0.9992	0.9839	0.9675	0.3253	0.9961	0.8539	0.9424
19.5	0.9993	0.9993	0.9753	0.9558	0.1729	0.9939	0.8489	0.9471
19.6	0.9994	0.9994	0.9765	0.9597	0.1425	0.9944	0.9023	0.9475
19.7	0.9996	0.9996	0.9845	0.9531	0.1532	0.9950	0.9111	0.9650
19.8	0.9997	0.9997	0.9881	0.9323	0.3434	0.9944	0.8857	0.9708
19.9	0.9997	0.9997	0.9866	0.8987	0.3422	0.9932	0.8739	0.9764
20.0	0.9997	0.9997	0.9834	0.8406	0.4921	0.9914	0.8519	0.9754
20.1	0.9996	0.9995	0.9829	0.7521	0.4782	0.9899	0.7868	0.9725
20.2	0.9997	0.9997	0.9877	0.6846	0.6420	0.9933	0.6871	0.9800
20.3	0.9997	0.9997	0.9863	0.7324	0.6065	0.9944	0.4823	0.9784
20.4	0.9995	0.9994	0.9817	0.7061	0.4658	0.9909	0.3787	0.9694
20.5	0.9996	0.9996	0.9781	0.6795	0.2610	0.9887	0.4574	0.9707
20.6	0.9997	0.9996	0.9800	0.6154	0.3096	0.9905	0.4201	0.9721
20.7	0.9996	0.9996	0.9821	0.5591	0.2264	0.9913	0.4628	0.9671
20.8	0.9997	0.9997	0.9838	0.5714	0.2116	0.9917	0.2474	0.9697
20.9	0.9997	0.9997	0.9806	0.6373	0.2643	0.9903	0.1420	0.9652
21.0	0.9997	0.9996	0.9779	0.6270	0.1215	0.9890	0.2397	0.9508
21.1	0.9997	0.9996	0.9821	0.5778	0.1037	0.9870	0.2043	0.9385
21.2	0.9997	0.9997	0.9860	0.5403	0.0740	0.9876	0.3355	0.9440
21.3	0.9997	0.9997	0.9855	0.4832	0.1104	0.9889	0.3630	0.9617
21.4	0.9998	0.9997	0.9863	0.4444	0.1313	0.9903	0.3017	0.9668
21.5	0.9997	0.9996	0.9782	0.3709	0.0840	0.9855	0.2755	0.9501
21.6	0.9997	0.9996	0.9790	0.4641	0.1780	0.9861	0.3118	0.9566
21.7	0.9997	0.9997	0.9849	0.5266	0.0281	0.9818	0.2311	0.9394
21.8	0.9997	0.9997	0.9874	0.6013	0.0030	0.9800	0.1711	0.9543
21.9	0.9997	0.9997	0.9883	0.6071	0.0026	0.9785	0.2474	0.9529
22.0	0.9997	0.9996	0.9856	0.5199	0.1722	0.9656	0.3564	0.9371
22.1	0.9997	0.9996	0.9873	0.5611	0.3442	0.9614	0.3679	0.9368
22.2	0.9996	0.9995	0.9879	0.4794	0.3135	0.9564	0.3115	0.9365
22.3	0.9995	0.9994	0.9850	0.5144	0.3680	0.9454	0.3133	0.9100
22.4	0.9994	0.9992	0.9818	0.3579	0.1594	0.9417	0.0931	0.8699
22.5	0.9992	0.9989	0.9754	0.3253	0.1666	0.9274	0.0510	0.8086
22.6	0.9995	0.9993	0.9815	0.4691	0.5414	0.9362	0.1262	0.8624
22.7	0.9995	0.9994	0.9826	0.4517	0.6379	0.9447	0.2093	0.8587
22.8	0.9994	0.9993	0.9840	0.5992	0.6555	0.9260	0.1704	0.8614
22.9	0.9995	0.9992	0.9793	0.5745	0.5745	0.9027	0.1718	0.7940
23.0	0.9996	0.9994	0.9844	0.7003	0.6772	0.9382	0.2963	0.8230
23.1	0.9996	0.9995	0.9872	0.6849	0.7000	0.9555	0.1095	0.8229
23.2	0.9997	0.9995	0.9865	0.6993	0.6557	0.9387	0.1121	0.7651
23.3	0.9997	0.9995	0.9880	0.7705	0.6734	0.9443	0.0870	0.7158
23.4	0.9997	0.9996	0.9879	0.7119	0.6224	0.9474	0.0508	0.7085
23.5	0.9997	0.9995	0.9862	0.7267	0.6264	0.9410	0.0713	0.6729
23.6	0.9997	0.9995	0.9866	0.7191	0.4662	0.9220	0.0769	0.7011
23.7	0.9997	0.9997	0.9906	0.7548	0.3857	0.9456	0.1674	0.7207
23.8	0.9998	0.9997	0.9932	0.7604	0.3762	0.9464	0.2764	0.7859
23.9	0.9998	0.9998	0.9927	0.7523	0.2879	0.9475	0.3457	0.7783
24.0	0.9998	0.9998	0.9909	0.7089	0.2778	0.9391	0.2449	0.7622
24.1	0.9998	0.9997	0.9886	0.6856	0.2171	0.9265	0.0976	0.6921
24.2	0.9998	0.9997	0.9846	0.6804	0.1689	0.9097	0.0656	0.7093
24.3	0.9997	0.9997	0.9858	0.6590	0.1311	0.8998	0.2369	0.7675
24.4	0.9998	0.9998	0.9880	0.6813	0.1117	0.9258	0.2586	0.7410
24.5	0.9997	0.9997	0.9855	0.7160	0.1136	0.9044	0.1299	0.7531
24.6	0.9997	0.9998	0.9900	0.7452	0.1873	0.9225	0.2221	0.8462
24.7	0.9997	0.9998	0.9909	0.6659	0.2492	0.9108	0.2583	0.8412
24.8	0.9998	0.9998	0.9888	0.6898	0.0518	0.9122	0.3699	0.8290
24.9	0.9998	0.9998	0.9886	0.6921	0.0214	0.9083	0.3683	0.7801
25.0	0.9998	0.9998	0.9861	0.5804	0.0143	0.9170	0.2871	0.7305
25.1	0.9998	0.9998	0.9863	0.6394	0.0128	0.9123	0.4199	0.7469

25.2	0.9998	0.9998	0.9904	0.6856	0.0046	0.9061	0.4945	0.7687
25.3	0.9998	0.9998	0.9893	0.6379	0.0465	0.9012	0.6019	0.6823
25.4	0.9997	0.9998	0.9874	0.6192	0.1925	0.9019	0.6384	0.6887
25.5	0.9998	0.9998	0.9893	0.6449	0.2072	0.9063	0.5872	0.7009
25.6	0.9998	0.9998	0.9877	0.7012	0.2320	0.8887	0.6686	0.7253
25.7	0.9998	0.9999	0.9890	0.7663	0.3048	0.9002	0.7093	0.7334
25.8	0.9998	0.9999	0.9907	0.8420	0.3420	0.9022	0.7532	0.7386
25.9	0.9998	0.9999	0.9911	0.8241	0.3725	0.8912	0.7450	0.6869
26.0	0.9998	0.9998	0.9893	0.8148	0.4624	0.8478	0.6167	0.6683
26.1	0.9998	0.9998	0.9910	0.8803	0.4509	0.8238	0.6012	0.7280
26.2	0.9997	0.9998	0.9890	0.8110	0.2564	0.8166	0.5778	0.6759
26.3	0.9998	0.9998	0.9904	0.8151	0.2582	0.8264	0.6228	0.6445
26.4	0.9997	0.9998	0.9894	0.8351	0.1724	0.8746	0.5995	0.6256
26.5	0.9997	0.9998	0.9878	0.8114	0.0772	0.8644	0.6044	0.5616
26.6	0.9997	0.9998	0.9862	0.7776	0.1168	0.8483	0.6386	0.3752
26.7	0.9998	0.9998	0.9884	0.8506	0.0248	0.8823	0.7550	0.4136
26.8	0.9998	0.9999	0.9871	0.8873	0.0248	0.8879	0.7384	0.4930
26.9	0.9998	0.9999	0.9859	0.8805	0.3305	0.9133	0.8025	0.6558
27.0	0.9998	0.9999	0.9890	0.8619	0.3386	0.9019	0.6893	0.7368
27.1	0.9997	0.9998	0.9901	0.8423	0.2105	0.9132	0.7319	0.7251
27.2	0.9998	0.9999	0.9909	0.8676	0.1157	0.9528	0.7923	0.8338
27.3	0.9998	0.9999	0.9918	0.8580	0.2451	0.9607	0.6889	0.8590
27.4	0.9998	0.9999	0.9908	0.7708	0.4532	0.9657	0.7003	0.8658
27.5	0.9997	0.9999	0.9895	0.7484	0.2662	0.9666	0.5748	0.8627
27.6	0.9997	0.9998	0.9898	0.7639	0.2443	0.9771	0.4646	0.8425
27.7	0.9998	0.9998	0.9918	0.7832	0.3101	0.9818	0.5657	0.8530
27.8	0.9998	0.9999	0.9943	0.8358	0.3488	0.9834	0.7066	0.8492
27.9	0.9998	0.9999	0.9946	0.7637	0.4714	0.9859	0.7477	0.8676
28.0	0.9996	0.9998	0.9919	0.6529	0.4543	0.9765	0.6762	0.7763
28.1	0.9996	0.9998	0.9897	0.6480	0.3846	0.9796	0.5470	0.7908
28.2	0.9997	0.9999	0.9924	0.6511	0.5147	0.9799	0.5108	0.7885
28.3	0.9996	0.9998	0.9925	0.6991	0.5927	0.9790	0.5755	0.7510
28.4	0.9995	0.9997	0.9880	0.6795	0.3684	0.9636	0.3684	0.6121
28.5	0.9996	0.9998	0.9928	0.6632	0.3633	0.9706	0.3289	0.6842
28.6	0.9997	0.9998	0.9929	0.6790	0.4264	0.9645	0.3290	0.6517
28.7	0.9997	0.9998	0.9931	0.6950	0.3760	0.9447	0.3257	0.6356
28.8	0.9996	0.9997	0.9914	0.7014	0.2576	0.9384	0.3559	0.6172
28.9	0.9996	0.9998	0.9910	0.6306	0.1065	0.9206	0.3419	0.5529
29.0	0.9996	0.9998	0.9874	0.4855	0.1900	0.8963	0.2124	0.5488
29.1	0.9994	0.9998	0.9859	0.4902	0.1826	0.8700	0.1816	0.4829
29.2	0.9993	0.9998	0.9850	0.4811	0.1385	0.8020	0.1389	0.4439
29.3	0.9993	0.9998	0.9843	0.5568	0.1597	0.7809	0.2474	0.4183
29.4	0.9990	0.9997	0.9840	0.4163	0.1503	0.5742	0.2071	0.4277
29.5	0.9992	0.9997	0.9856	0.4928	0.0123	0.6206	0.0420	0.4300
29.6	0.9990	0.9997	0.9800	0.5307	0.0794	0.7192	0.0626	0.3539
29.7	0.9991	0.9998	0.9800	0.4670	0.1544	0.6539	0.1153	0.3775
29.8	0.9988	0.9998	0.9811	0.5115	0.1124	0.3924	0.1129	0.4402
29.9	0.9989	0.9998	0.9705	0.2679	0.0275	0.1807	0.0317	0.1730
30.0	0.9985	0.9997	0.9706	0.2413	0.0065	0.2069	0.0157	0.1125
30.1	0.9984	0.9997	0.9796	0.4990	0.0410	0.3949	0.0731	0.2275
30.2	0.9986	0.9997	0.9782	0.5863	0.0472	0.3650	0.0487	0.2315
30.3	0.9985	0.9998	0.9785	0.5861	0.0436	0.3922	0.0535	0.2874
30.4	0.9984	0.9998	0.9848	0.6307	0.1041	0.3436	0.1069	0.4314
30.5	0.9984	0.9998	0.9818	0.6835	0.0100	0.4485	0.1514	0.4057
30.6	0.9989	0.9998	0.9842	0.7437	0.0341	0.6163	0.2596	0.4235
30.7	0.9985	0.9997	0.9813	0.7202	0.0539	0.5260	0.2245	0.4530
30.8	0.9982	0.9997	0.9805	0.6810	0.0061	0.4478	0.1268	0.2400
30.9	0.9982	0.9998	0.9828	0.7565	0.0019	0.5606	0.1413	0.2759
31.0	0.9980	0.9998	0.9858	0.7969	0.0030	0.5617	0.1630	0.3570
31.1	0.9970	0.9998	0.9846	0.7917	0.0140	0.4285	0.0145	0.1593
31.2	0.9971	0.9998	0.9832	0.7722	0.0127	0.5150	0.1131	0.2043
31.3	0.9963	0.9997	0.9792	0.7381	0.0237	0.4663	0.1637	0.2270
31.4	0.9955	0.9996	0.9748	0.7665	0.0236	0.5039	0.0270	0.1772
31.5	0.9960	0.9997	0.9688	0.7046	0.0645	0.6733	0.0783	0.2096
31.6	0.9964	0.9997	0.9756	0.7530	0.0059	0.7935	0.1959	0.2421
31.7	0.9965	0.9997	0.9714	0.7390	0.0249	0.7912	0.3326	0.2725
31.8	0.9969	0.9998	0.9766	0.7852	0.0239	0.8463	0.4231	0.3428
31.9	0.9965	0.9997	0.9717	0.8255	0.0047	0.8418	0.3705	0.2467
32.0	0.9958	0.9997	0.9683	0.8153	0.0184	0.8232	0.4429	0.0950
32.1	0.9971	0.9998	0.9704	0.8254	0.0266	0.8283	0.4425	0.2243
32.2	0.9966	0.9997	0.9745	0.8512	0.0320	0.8708	0.4299	0.2101
32.3	0.9961	0.9997	0.9722	0.8470	0.0325	0.8611	0.4339	0.2136
32.4	0.9939	0.9995	0.9644	0.8327	0.0196	0.8767	0.5708	0.1550
32.5	0.9919	0.9995	0.9642	0.8253	0.0506	0.9049	0.5386	0.0521
32.6	0.9919	0.9995	0.9693	0.8306	0.1940	0.9117	0.5440	0.0942
32.7	0.9890	0.9995	0.9635	0.8122	0.3302	0.9160	0.5500	0.0763
32.8	0.9919	0.9997	0.9728	0.8785	0.2832	0.9178	0.5749	0.0846
32.9	0.9909	0.9996	0.9735	0.9061	0.2592	0.9149	0.4202	0.1816
33.0	0.9915	0.9996	0.9662	0.9312	0.2675	0.9165	0.3881	0.3871
33.1	0.9898	0.9996	0.9727	0.9424	0.4639	0.9303	0.5060	0.5897
33.2	0.9888	0.9997	0.9770	0.9471	0.6493	0.9540	0.7003	0.8046
33.3	0.9871	0.9997	0.9763	0.9522	0.6585	0.9355	0.7809	0.8334
33.4	0.9828	0.9996	0.9678	0.9407	0.5727	0.8988	0.7745	0.8057
33.5	0.9813	0.9995	0.9613	0.9416	0.6364	0.9180	0.7761	0.8459
33.6	0.9771	0.9993	0.9590	0.9402	0.7040	0.9278	0.7739	0.8456
33.7	0.9681	0.9994	0.9616	0.9447	0.7363	0.9260	0.8268	0.8717

33.8	0.9617	0.9994	0.9509	0.9333	0.7088	0.9194	0.8292	0.8405
33.9	0.9536	0.9994	0.9538	0.9343	0.6711	0.9317	0.8587	0.8103
34.0	0.9463	0.9993	0.9713	0.9399	0.7176	0.9323	0.8777	0.8385
34.1	0.9560	0.9995	0.9769	0.9571	0.8041	0.9283	0.9185	0.8869
34.2	0.9561	0.9996	0.9808	0.9635	0.7426	0.9172	0.8992	0.8425
34.3	0.9539	0.9996	0.9851	0.9640	0.7502	0.9276	0.8919	0.8223
34.4	0.9385	0.9995	0.9858	0.9555	0.7339	0.8815	0.8655	0.8043
34.5	0.9287	0.9994	0.9810	0.9577	0.6357	0.8293	0.8286	0.7185
34.6	0.9513	0.9996	0.9888	0.9694	0.7082	0.9110	0.8792	0.8054
34.7	0.9433	0.9996	0.9868	0.9658	0.7951	0.9297	0.8891	0.8855
34.8	0.8988	0.9994	0.9863	0.9507	0.7697	0.9123	0.8372	0.8386
34.9	0.9004	0.9994	0.9869	0.9417	0.7758	0.9388	0.8524	0.8460
35.0	0.9142	0.9994	0.9847	0.9527	0.7824	0.9429	0.8814	0.8585
35.1	0.9110	0.9996	0.9835	0.9667	0.8498	0.9531	0.8953	0.8395
35.2	0.9186	0.9996	0.9883	0.9746	0.7951	0.9711	0.8805	0.8212
35.3	0.9092	0.9993	0.9828	0.9544	0.6697	0.9600	0.7833	0.6992
35.4	0.8603	0.9993	0.9817	0.9453	0.6956	0.9542	0.8072	0.7093
35.5	0.8372	0.9994	0.9806	0.9372	0.6920	0.9548	0.8165	0.6978
35.6	0.7361	0.9993	0.9767	0.9314	0.5688	0.9515	0.7331	0.5433
35.7	0.8452	0.9995	0.9844	0.9650	0.6552	0.9693	0.8369	0.6417
35.8	0.8653	0.9994	0.9857	0.9716	0.6740	0.9752	0.8295	0.6600
35.9	0.8554	0.9993	0.9837	0.9733	0.6764	0.9707	0.8275	0.6332
36.0	0.8857	0.9996	0.9845	0.9665	0.7010	0.9788	0.8728	0.7058
36.1	0.7759	0.9992	0.9792	0.9557	0.6437	0.9761	0.8417	0.7232
36.2	0.7812	0.9992	0.9801	0.9569	0.7575	0.9747	0.8864	0.7986
36.3	0.7452	0.9993	0.9820	0.9381	0.7853	0.9656	0.8965	0.7927
36.4	0.7595	0.9993	0.9862	0.9440	0.8202	0.9627	0.9198	0.8370
36.5	0.7502	0.9994	0.9889	0.9452	0.7864	0.9681	0.9093	0.8262
36.6	0.7441	0.9993	0.9847	0.9475	0.8105	0.9687	0.9052	0.8476
36.7	0.7501	0.9992	0.9842	0.9367	0.8239	0.9640	0.9084	0.8421
36.8	0.7624	0.9992	0.9837	0.9142	0.8165	0.9635	0.9003	0.8512
36.9	0.7620	0.9993	0.9824	0.9022	0.7968	0.9600	0.8823	0.8589
37.0	0.8012	0.9991	0.9792	0.8941	0.7704	0.9578	0.8585	0.8235
37.1	0.8185	0.9990	0.9783	0.8994	0.8229	0.9517	0.8185	0.8410
37.2	0.7806	0.9991	0.9826	0.9164	0.8430	0.9522	0.8608	0.8775
37.3	0.8015	0.9992	0.9851	0.8413	0.7097	0.9566	0.5607	0.7570
37.4	0.8188	0.9993	0.9880	0.4955	0.4789	0.9480	0.1799	0.5557
37.5	0.8608	0.9994	0.9897	0.7207	0.6352	0.9589	0.3786	0.6939
37.6	0.8712	0.9993	0.9849	0.9235	0.8081	0.9649	0.8459	0.8602
37.7	0.8451	0.9988	0.9808	0.8901	0.7979	0.9376	0.8446	0.8244
37.8	0.9012	0.9991	0.9851	0.9035	0.8261	0.9612	0.8737	0.8824
37.9	0.9333	0.9992	0.9866	0.8951	0.8110	0.9641	0.8865	0.8837
38.0	0.9187	0.9990	0.9831	0.8811	0.7964	0.9441	0.8646	0.8481
38.1	0.9174	0.9993	0.9871	0.8898	0.8248	0.9277	0.8356	0.8897
38.2	0.9191	0.9990	0.9885	0.9010	0.8394	0.9371	0.8103	0.8725
38.3	0.9403	0.9987	0.9856	0.9055	0.8227	0.9363	0.8301	0.8542
38.4	0.9478	0.9991	0.9847	0.8932	0.8027	0.9440	0.8127	0.8277
38.5	0.9501	0.9989	0.9857	0.8832	0.8361	0.9421	0.8433	0.7955
38.6	0.9484	0.9988	0.9852	0.9025	0.8405	0.9263	0.8436	0.7873
38.7	0.9400	0.9986	0.9794	0.8455	0.8206	0.9087	0.7923	0.6823
38.8	0.9552	0.9986	0.9813	0.8208	0.8555	0.9339	0.8315	0.6991
38.9	0.9596	0.9987	0.9840	0.8185	0.8624	0.9427	0.8340	0.7328
39.0	0.9681	0.9989	0.9849	0.8526	0.8815	0.9483	0.8693	0.7699
39.1	0.9732	0.9987	0.9834	0.8336	0.8987	0.9535	0.8677	0.7661
39.2	0.9781	0.9988	0.9840	0.8458	0.8863	0.9588	0.8435	0.6926
39.3	0.9769	0.9981	0.9781	0.8001	0.8585	0.9311	0.7543	0.6751
39.4	0.9725	0.9973	0.9701	0.7877	0.8409	0.9273	0.6954	0.6239
39.5	0.9798	0.9981	0.9741	0.7985	0.8004	0.9442	0.6710	0.4626
39.6	0.9829	0.9981	0.9834	0.8566	0.8482	0.9567	0.7635	0.6309
39.7	0.9851	0.9981	0.9844	0.8366	0.8748	0.9612	0.7412	0.7133
39.8	0.9843	0.9978	0.9793	0.7890	0.8567	0.9488	0.7224	0.7351
39.9	0.9868	0.9979	0.9816	0.8190	0.8774	0.9571	0.5905	0.7706
40.0	0.9851	0.9965	0.9712	0.8171	0.8451	0.9602	0.4484	0.7464
40.1	0.9906	0.9973	0.9764	0.8462	0.8472	0.9678	0.4441	0.7510
40.2	0.9893	0.9959	0.9752	0.8194	0.7899	0.9641	0.3628	0.6669
40.3	0.9927	0.9962	0.9739	0.8905	0.8184	0.9650	0.3734	0.6716
40.4	0.9913	0.9957	0.9763	0.8420	0.8103	0.9737	0.3794	0.6457
40.5	0.9921	0.9952	0.9730	0.7950	0.8123	0.9721	0.4326	0.6409
40.6	0.9920	0.9950	0.9731	0.8074	0.8347	0.9766	0.4700	0.6368
40.7	0.9918	0.9912	0.9703	0.7078	0.7077	0.9764	0.4488	0.3543
40.8	0.9931	0.9923	0.9705	0.7335	0.7539	0.9807	0.4373	0.4118
40.9	0.9909	0.9898	0.9614	0.7306	0.6944	0.9727	0.3719	0.4616
41.0	0.9922	0.9871	0.9650	0.6437	0.6126	0.9840	0.3394	0.2869
41.1	0.9932	0.9828	0.9672	0.5499	0.6019	0.9844	0.4497	0.2116
41.2	0.9937	0.9797	0.9689	0.5984	0.7196	0.9842	0.3905	0.3636
41.3	0.9946	0.9759	0.9695	0.5854	0.6638	0.9827	0.4206	0.3606
41.4	0.9952	0.9713	0.9579	0.5182	0.5290	0.9855	0.4716	0.2372
41.5	0.9944	0.9328	0.9250	0.4738	0.5446	0.9855	0.4118	0.2280
41.6	0.9955	0.8848	0.8838	0.4988	0.6319	0.9867	0.3950	0.3174
41.7	0.9964	0.9126	0.9365	0.6303	0.5940	0.9882	0.4829	0.2583
41.8	0.9964	0.9447	0.9575	0.6276	0.5005	0.9885	0.4458	0.1341
41.9	0.9959	0.9166	0.9605	0.6139	0.4483	0.9856	0.4821	0.1726
42.0	0.9960	0.9509	0.9695	0.7031	0.3536	0.9894	0.5441	0.1373
42.1	0.9967	0.9642	0.9572	0.6649	0.4160	0.9888	0.5310	0.1924
42.2	0.9969	0.9610	0.9450	0.5809	0.3450	0.9873	0.3814	0.0655
42.3	0.9973	0.9742	0.9620	0.6826	0.2701	0.9881	0.4197	0.0296

42.4	0.9964	0.9686	0.9421	0.6063	0.1097	0.9834	0.4261	0.0105
42.5	0.9969	0.9851	0.9391	0.5417	0.0659	0.9882	0.4077	0.0071
42.6	0.9971	0.9860	0.9127	0.6423	0.1843	0.9874	0.2315	0.1040
42.7	0.9976	0.9908	0.9460	0.7980	0.2279	0.9883	0.2948	0.1638
42.8	0.9976	0.9863	0.9412	0.8321	0.2624	0.9905	0.3245	0.0569
42.9	0.9977	0.9913	0.9356	0.7914	0.2471	0.9910	0.4077	0.0286
43.0	0.9984	0.9946	0.9323	0.7952	0.2148	0.9901	0.3464	0.0803
43.1	0.9980	0.9930	0.9159	0.8276	0.3282	0.9894	0.2150	0.0941
43.2	0.9977	0.9937	0.8876	0.8363	0.4525	0.9862	0.2135	0.0922
43.3	0.9975	0.9957	0.9217	0.8140	0.5074	0.9865	0.0832	0.1089
43.4	0.9978	0.9960	0.9382	0.8659	0.6761	0.9905	0.1169	0.1218
43.5	0.9980	0.9959	0.9239	0.8907	0.7330	0.9897	0.1124	0.1381
43.6	0.9977	0.9961	0.9220	0.8661	0.6247	0.9896	0.0262	0.1131
43.7	0.9984	0.9974	0.9127	0.9010	0.6632	0.9932	0.1378	0.2476
43.8	0.9987	0.9982	0.9101	0.9055	0.7427	0.9954	0.2335	0.4116
43.9	0.9986	0.9977	0.8964	0.8726	0.7119	0.9923	0.2421	0.2121
44.0	0.9987	0.9976	0.9002	0.8640	0.6684	0.9912	0.2077	0.1511
44.1	0.9990	0.9985	0.9059	0.8696	0.5783	0.9935	0.1467	0.0653
44.2	0.9990	0.9980	0.9000	0.8872	0.5456	0.9923	0.1289	0.0776
44.3	0.9991	0.9986	0.9311	0.9103	0.4890	0.9910	0.1266	0.0100
44.4	0.9989	0.9984	0.9224	0.8954	0.4349	0.9915	0.2446	0.0819
44.5	0.9989	0.9981	0.9337	0.9013	0.5491	0.9913	0.3885	0.1420
44.6	0.9990	0.9980	0.9165	0.9087	0.6396	0.9901	0.4663	0.1031
44.7	0.9991	0.9986	0.8994	0.8999	0.5760	0.9897	0.4144	0.1610
44.8	0.9989	0.9988	0.8717	0.9010	0.6035	0.9898	0.4907	0.1644
44.9	0.9990	0.9986	0.8867	0.8852	0.6108	0.9903	0.4758	0.0344
45.0	0.9985	0.9981	0.8994	0.8332	0.5669	0.9895	0.2647	0.0720
45.1	0.9988	0.9984	0.9143	0.9126	0.7040	0.9902	0.4845	0.0139
45.2	0.9989	0.9990	0.9031	0.8897	0.6877	0.9874	0.4551	0.0070
45.3	0.9990	0.9989	0.8929	0.8771	0.6906	0.9912	0.4204	0.0107
45.4	0.9993	0.9992	0.9021	0.8847	0.6734	0.9898	0.4556	0.0114
45.5	0.9993	0.9990	0.8804	0.9112	0.7233	0.9885	0.5812	0.0281
45.6	0.9992	0.9990	0.8673	0.9278	0.7471	0.9923	0.6696	0.0041
45.7	0.9992	0.9992	0.8430	0.8982	0.6443	0.9887	0.5013	0.1163
45.8	0.9989	0.9987	0.8387	0.9010	0.6368	0.9868	0.4982	0.0084
45.9	0.9994	0.9993	0.8437	0.9310	0.7236	0.9894	0.6010	0.2086
46.0	0.9995	0.9995	0.8264	0.9440	0.7204	0.9880	0.6380	0.4376
46.1	0.9989	0.9987	0.7675	0.9321	0.7208	0.9886	0.5981	0.4025
46.2	0.9990	0.9989	0.6855	0.9152	0.6972	0.9868	0.6307	0.2843
46.3	0.9990	0.9989	0.6369	0.9206	0.7444	0.9862	0.7438	0.3456
46.4	0.9991	0.9992	0.6746	0.9313	0.8190	0.9794	0.8498	0.5955
46.5	0.9992	0.9994	0.6685	0.9280	0.8027	0.9775	0.8442	0.5920
46.6	0.9988	0.9991	0.6892	0.9161	0.7814	0.9854	0.8650	0.6206
46.7	0.9992	0.9992	0.7482	0.9244	0.7804	0.9881	0.8821	0.7307
46.8	0.9991	0.9990	0.6390	0.9133	0.8220	0.9855	0.8925	0.7833
46.9	0.9993	0.9994	0.4961	0.9168	0.8179	0.9890	0.8742	0.6566
47.0	0.9993	0.9994	0.4661	0.9266	0.7637	0.9921	0.8511	0.3444
47.1	0.9992	0.9995	0.5728	0.9060	0.6887	0.9871	0.8491	0.4790
47.2	0.9991	0.9993	0.6105	0.9046	0.6932	0.9845	0.8769	0.7426
47.3	0.9992	0.9993	0.4375	0.8805	0.7626	0.9858	0.8751	0.7993
47.4	0.9995	0.9995	0.3668	0.8559	0.7713	0.9894	0.8852	0.7507
47.5	0.9993	0.9994	0.3460	0.8448	0.7600	0.9907	0.8708	0.7288
47.6	0.9991	0.9992	0.2152	0.8221	0.6945	0.9848	0.8369	0.5373
47.7	0.9991	0.9994	0.2442	0.7886	0.7392	0.9870	0.8564	0.2999
47.8	0.9989	0.9993	0.3831	0.6998	0.6604	0.9832	0.8342	0.0890
47.9	0.9991	0.9993	0.5549	0.7803	0.6829	0.9848	0.8518	0.0984
48.0	0.9989	0.9991	0.5098	0.7831	0.5363	0.9853	0.7673	0.0258
48.1	0.9991	0.9994	0.6809	0.7687	0.4887	0.9864	0.7764	0.0766
48.2	0.9989	0.9991	0.6747	0.7760	0.4522	0.9884	0.8162	0.2730
48.3	0.9992	0.9995	0.7295	0.7722	0.5587	0.9879	0.8344	0.2720
48.4	0.9993	0.9995	0.8249	0.6953	0.7086	0.9897	0.8374	0.2772
48.5	0.9992	0.9993	0.8439	0.6248	0.8129	0.9903	0.8537	0.4160
48.6	0.9993	0.9994	0.7656	0.7381	0.6393	0.9919	0.7930	0.1676
48.7	0.9994	0.9994	0.7731	0.7447	0.5477	0.9902	0.8138	0.0024
48.8	0.9994	0.9994	0.7604	0.6818	0.6008	0.9875	0.8242	0.1183
48.9	0.9993	0.9995	0.8002	0.5818	0.6778	0.9866	0.8074	0.1195
49.0	0.9994	0.9995	0.8693	0.6371	0.8484	0.9898	0.8052	0.2670
49.1	0.9995	0.9995	0.7591	0.7128	0.8174	0.9881	0.7224	0.2292
49.2	0.9991	0.9993	0.6822	0.6447	0.7089	0.9864	0.6014	0.1333
49.3	0.9993	0.9994	0.8042	0.6157	0.7536	0.9889	0.6621	0.2948
49.4	0.9995	0.9996	0.8392	0.6708	0.7804	0.9888	0.7505	0.4063
49.5	0.9994	0.9995	0.8393	0.5440	0.8157	0.9895	0.7737	0.5733
49.6	0.9994	0.9994	0.8478	0.6319	0.8375	0.9889	0.7168	0.3933
49.7	0.9994	0.9995	0.8331	0.7186	0.8409	0.9890	0.4582	0.3053
49.8	0.9994	0.9995	0.7740	0.6207	0.8036	0.9833	0.4957	0.6651
49.9	0.9994	0.9995	0.7877	0.4599	0.8266	0.9780	0.4902	0.7818
50.0	0.9994	0.9994	0.7041	0.3377	0.8156	0.9789	0.5164	0.6200
50.1	0.9993	0.9995	0.7723	0.5334	0.8223	0.9863	0.4953	0.5926
50.2	0.9995	0.9997	0.8540	0.4521	0.8662	0.9846	0.5419	0.5653
50.3	0.9995	0.9996	0.8719	0.3366	0.9065	0.9823	0.6096	0.5247
50.4	0.9995	0.9996	0.8877	0.3914	0.9102	0.9799	0.5809	0.4522
50.5	0.9994	0.9995	0.9014	0.4022	0.9183	0.9849	0.4862	0.2135
50.6	0.9993	0.9994	0.8670	0.3887	0.9194	0.9814	0.4548	0.2895
50.7	0.9994	0.9995	0.8437	0.4107	0.9148	0.9813	0.4879	0.5231
50.8	0.9995	0.9995	0.8583	0.4708	0.9320	0.9840	0.2933	0.5764
50.9	0.9994	0.9995	0.8422	0.3212	0.9200	0.9777	0.0587	0.5146

51.0	0.9994	0.9995	0.8761	0.3874	0.9215	0.9754	0.0784	0.5118
51.1	0.9992	0.9993	0.8807	0.5461	0.9037	0.9611	0.0072	0.3957
51.2	0.9994	0.9995	0.9005	0.5555	0.9105	0.9548	0.0925	0.2725
51.3	0.9994	0.9994	0.8282	0.5741	0.8635	0.9608	0.2173	0.3831
51.4	0.9993	0.9993	0.7909	0.5954	0.8704	0.9700	0.1427	0.1818
51.5	0.9993	0.9995	0.8536	0.7099	0.9126	0.9613	0.1945	0.3538
51.6	0.9990	0.9992	0.8614	0.7292	0.9218	0.9575	0.2696	0.2964
51.7	0.9995	0.9996	0.8765	0.7792	0.9241	0.9821	0.3072	0.0658
51.8	0.9996	0.9997	0.9210	0.8469	0.9354	0.9838	0.4150	0.1355
51.9	0.9994	0.9995	0.9066	0.8574	0.9326	0.9594	0.3558	0.2800
52.0	0.9991	0.9992	0.9019	0.8086	0.9319	0.9434	0.5211	0.5842
52.1	0.9996	0.9996	0.9164	0.8343	0.9474	0.9519	0.5156	0.7123
52.2	0.9993	0.9994	0.9245	0.8865	0.9478	0.9664	0.2010	0.7660
52.3	0.9993	0.9994	0.9518	0.9103	0.9672	0.9790	0.5474	0.8224
52.4	0.9993	0.9994	0.9388	0.9163	0.9602	0.9579	0.6176	0.5415
52.5	0.9989	0.9990	0.9364	0.9065	0.9563	0.9634	0.7171	0.3283
52.6	0.9993	0.9995	0.9303	0.9312	0.9452	0.9697	0.7976	0.6818
52.7	0.9990	0.9993	0.9251	0.9343	0.9451	0.9111	0.8071	0.5996
52.8	0.9982	0.9986	0.9355	0.9294	0.9570	0.9119	0.8009	0.2328
52.9	0.9990	0.9992	0.9418	0.9411	0.9525	0.9674	0.8698	0.5886
53.0	0.9994	0.9995	0.9668	0.9616	0.9731	0.9842	0.9253	0.8288
53.1	0.9994	0.9995	0.9677	0.9686	0.9711	0.9856	0.9329	0.9159
53.2	0.9995	0.9996	0.9600	0.9596	0.9595	0.9903	0.9481	0.9373
53.3	0.9995	0.9995	0.9535	0.9603	0.9445	0.9890	0.9307	0.7814
53.4	0.9994	0.9995	0.9412	0.9541	0.9203	0.9651	0.9159	0.2596
53.5	0.9995	0.9995	0.9534	0.9659	0.9348	0.9483	0.9194	0.6837
53.6	0.9992	0.9993	0.9539	0.9758	0.9349	0.9696	0.9400	0.8967
53.7	0.9992	0.9993	0.9521	0.9764	0.9185	0.9751	0.9161	0.8771
53.8	0.9991	0.9993	0.9596	0.9717	0.9313	0.9780	0.9286	0.7935
53.9	0.9993	0.9993	0.9582	0.9689	0.9513	0.9848	0.9512	0.8000
54.0	0.9991	0.9991	0.9498	0.9768	0.9299	0.9801	0.9316	0.6298
54.1	0.9989	0.9991	0.9624	0.9786	0.9231	0.9707	0.9104	0.5761
54.2	0.9986	0.9988	0.9597	0.9812	0.9250	0.9608	0.9117	0.6072
54.3	0.9992	0.9993	0.9556	0.9819	0.9367	0.9795	0.9442	0.2547
54.4	0.9994	0.9995	0.9560	0.9819	0.9240	0.9815	0.9341	0.3414
54.5	0.9995	0.9996	0.9563	0.9833	0.9220	0.9852	0.9471	0.7299
54.6	0.9989	0.9992	0.9379	0.9807	0.8870	0.9646	0.9175	0.7672
54.7	0.9988	0.9990	0.9383	0.9833	0.8495	0.9573	0.8912	0.7106
54.8	0.9990	0.9991	0.9456	0.9791	0.8397	0.9643	0.9047	0.5045
54.9	0.9989	0.9992	0.9294	0.9794	0.8598	0.9650	0.8958	0.2974
55.0	0.9995	0.9996	0.9191	0.9769	0.8592	0.9823	0.9155	0.6399
55.1	0.9994	0.9994	0.8717	0.9757	0.8111	0.9853	0.8814	0.6624
55.2	0.9993	0.9994	0.8182	0.9716	0.7434	0.9806	0.8465	0.7118
55.3	0.9996	0.9996	0.8463	0.9728	0.8501	0.9829	0.8787	0.8067
55.4	0.9996	0.9997	0.8447	0.9819	0.8447	0.9681	0.8682	0.8352
55.5	0.9990	0.9991	0.8363	0.9824	0.7648	0.9112	0.8103	0.6941
55.6	0.9992	0.9992	0.8377	0.9734	0.7979	0.9480	0.8365	0.5852
55.7	0.9995	0.9995	0.8347	0.9798	0.8356	0.9780	0.8896	0.8115
55.8	0.9995	0.9996	0.8170	0.9775	0.8711	0.9830	0.8611	0.8646
55.9	0.9994	0.9995	0.7922	0.9798	0.8451	0.9737	0.8289	0.8851
56.0	0.9988	0.9989	0.7374	0.9743	0.8147	0.8669	0.7984	0.7876
56.1	0.9992	0.9993	0.7689	0.9812	0.8442	0.9017	0.8328	0.6409
56.2	0.9996	0.9996	0.8609	0.9858	0.9176	0.9670	0.8930	0.8468
56.3	0.9995	0.9995	0.8213	0.9852	0.9060	0.9827	0.8864	0.8943
56.4	0.9994	0.9994	0.7659	0.9828	0.8941	0.9743	0.8686	0.8632
56.5	0.9996	0.9995	0.7479	0.9850	0.9086	0.9723	0.8697	0.9128
56.6	0.9996	0.9997	0.7746	0.9831	0.9167	0.9748	0.8507	0.9344
56.7	0.9995	0.9995	0.7003	0.9832	0.9142	0.9639	0.8239	0.9256
56.8	0.9995	0.9995	0.7467	0.9856	0.9207	0.9605	0.8200	0.9385
56.9	0.9995	0.9995	0.7450	0.9812	0.9067	0.9305	0.7659	0.9242
57.0	0.9993	0.9993	0.6663	0.9796	0.8860	0.8943	0.6896	0.9278
57.1	0.9991	0.9991	0.6129	0.9790	0.8836	0.7305	0.6039	0.9183
57.2	0.9993	0.9993	0.6891	0.9822	0.8497	0.5504	0.5603	0.8749
57.3	0.9996	0.9996	0.7337	0.9875	0.9217	0.8727	0.7597	0.8827
57.4	0.9994	0.9994	0.6868	0.9835	0.9299	0.9222	0.7753	0.8815
57.5	0.9994	0.9994	0.6395	0.9828	0.9331	0.9388	0.7086	0.9123
57.6	0.9992	0.9992	0.4441	0.9703	0.8992	0.9284	0.6423	0.8517
57.7	0.9991	0.9991	0.5186	0.9682	0.9111	0.9462	0.6852	0.8619
57.8	0.9993	0.9992	0.5725	0.9849	0.9514	0.9498	0.7279	0.9221
57.9	0.9994	0.9993	0.5328	0.9869	0.9624	0.9329	0.6617	0.9251
58.0	0.9994	0.9994	0.6518	0.9919	0.9606	0.9272	0.7362	0.9125
58.1	0.9994	0.9994	0.5903	0.9843	0.9494	0.9062	0.6724	0.9022
58.2	0.9992	0.9992	0.4913	0.9798	0.9465	0.9131	0.5895	0.9038
58.3	0.9991	0.9991	0.4472	0.9838	0.9476	0.8877	0.5512	0.8951
58.4	0.9991	0.9990	0.5507	0.9812	0.9383	0.8425	0.5796	0.9115
58.5	0.9994	0.9994	0.5796	0.9840	0.9465	0.7277	0.5390	0.8837
58.6	0.9994	0.9994	0.5344	0.9794	0.9188	0.7021	0.5529	0.8414
58.7	0.9991	0.9990	0.4481	0.9828	0.9424	0.8772	0.5246	0.9177
58.8	0.9993	0.9992	0.5432	0.9874	0.9606	0.9405	0.6826	0.9485
58.9	0.9991	0.9990	0.3678	0.9842	0.9542	0.9137	0.5896	0.9225
59.0	0.9989	0.9988	0.3811	0.9722	0.9526	0.8842	0.5166	0.8889
59.1	0.9991	0.9990	0.4179	0.9793	0.9614	0.9290	0.5571	0.9235
59.2	0.9992	0.9991	0.3710	0.9833	0.9648	0.9456	0.6799	0.9566
59.3	0.9992	0.9992	0.4196	0.9829	0.9725	0.9611	0.6896	0.9671
59.4	0.9990	0.9990	0.4126	0.9829	0.9755	0.9602	0.7398	0.9689
59.5	0.9995	0.9994	0.5407	0.9883	0.9784	0.9676	0.8386	0.9750

59.6	0.9993	0.9992	0.4957	0.9829	0.9731	0.9674	0.7966	0.9706
59.7	0.9992	0.9991	0.4646	0.9771	0.9787	0.9637	0.7675	0.9731
59.8	0.9993	0.9993	0.3826	0.9065	0.9754	0.9641	0.7808	0.8983
59.9	0.9992	0.9603	0.0125	0.0599	0.8619	0.9446	0.7170	0.8160
60.0	0.9990	0.8482	0.0279	0.0473	0.6320	0.8680	0.6127	0.9536
60.1	0.9990	0.9420	0.0263	0.0648	0.8221	0.9328	0.7315	0.9762
60.2	0.9988	0.9985	0.2079	0.7357	0.9658	0.9672	0.7987	0.9590
60.3	0.9988	0.9988	0.2294	0.9667	0.9615	0.9675	0.8214	0.9729
60.4	0.9991	0.9990	0.2722	0.9875	0.9778	0.9724	0.8629	0.9847
60.5	0.9992	0.9991	0.2872	0.9891	0.9808	0.9728	0.8672	0.9805
60.6	0.9990	0.9989	0.3880	0.9885	0.9766	0.9749	0.8571	0.9788
60.7	0.9986	0.9985	0.3257	0.9862	0.9671	0.9633	0.8332	0.9726
60.8	0.9986	0.9985	0.4271	0.9868	0.9693	0.9550	0.8624	0.9765
60.9	0.9991	0.9991	0.5785	0.9911	0.9785	0.9653	0.9025	0.9820
61.0	0.9993	0.9993	0.7162	0.9929	0.9856	0.9813	0.9146	0.9869
61.1	0.9989	0.9989	0.6690	0.9898	0.9824	0.9743	0.8404	0.9847
61.2	0.9988	0.9987	0.6410	0.9888	0.9826	0.9724	0.8134	0.9802
61.3	0.9983	0.9982	0.6041	0.9826	0.9781	0.9672	0.8169	0.9694
61.4	0.9983	0.9982	0.6713	0.9842	0.9729	0.9662	0.8639	0.9730
61.5	0.9982	0.9980	0.7308	0.9866	0.9703	0.9665	0.8720	0.9728
61.6	0.9987	0.9986	0.7110	0.9881	0.9809	0.9785	0.8755	0.9809
61.7	0.9985	0.9984	0.6936	0.9867	0.9802	0.9774	0.8628	0.9776
61.8	0.9985	0.9985	0.7932	0.9885	0.9799	0.9723	0.8944	0.9777
61.9	0.9985	0.9984	0.8074	0.9883	0.9823	0.9661	0.8624	0.9817
62.0	0.9988	0.9988	0.8811	0.9924	0.9875	0.9756	0.9068	0.9822
62.1	0.9988	0.9988	0.8952	0.9920	0.9873	0.9762	0.9407	0.9824
62.2	0.9989	0.9988	0.8695	0.9898	0.9837	0.9717	0.9179	0.9824
62.3	0.9980	0.9979	0.8397	0.9840	0.9809	0.9728	0.8904	0.9854
62.4	0.9981	0.9979	0.9076	0.9885	0.9840	0.9819	0.9114	0.9864
62.5	0.9984	0.9983	0.9244	0.9917	0.9885	0.9785	0.9178	0.9810
62.6	0.9980	0.9978	0.8932	0.9879	0.9838	0.9719	0.8864	0.9746
62.7	0.9977	0.9976	0.8893	0.9900	0.9836	0.9727	0.8633	0.9726
62.8	0.9979	0.9978	0.9184	0.9914	0.9857	0.9789	0.9028	0.9827
62.9	0.9982	0.9981	0.9142	0.9908	0.9816	0.9792	0.8994	0.9858
63.0	0.9978	0.9976	0.9286	0.9885	0.9827	0.9799	0.8990	0.9863
63.1	0.9976	0.9975	0.9432	0.9905	0.9865	0.9834	0.8895	0.9825
63.2	0.9982	0.9981	0.9650	0.9931	0.9916	0.9885	0.9388	0.9852
63.3	0.9986	0.9985	0.9712	0.9934	0.9923	0.9887	0.9481	0.9847
63.4	0.9979	0.9978	0.9684	0.9916	0.9880	0.9863	0.9317	0.9773
63.5	0.9977	0.9976	0.9528	0.9898	0.9866	0.9799	0.9130	0.9724
63.6	0.9980	0.9978	0.9641	0.9910	0.9902	0.9880	0.9308	0.9807
63.7	0.9973	0.9971	0.9672	0.9908	0.9830	0.9906	0.9291	0.9810
63.8	0.9979	0.9978	0.9747	0.9918	0.9848	0.9920	0.9286	0.9835
63.9	0.9975	0.9974	0.9726	0.9892	0.9878	0.9941	0.9018	0.9816
64.0	0.9972	0.9971	0.9757	0.9902	0.9843	0.9929	0.8983	0.9853
64.1	0.9966	0.9964	0.9748	0.9899	0.9836	0.9929	0.8941	0.9835
64.2	0.9963	0.9961	0.9636	0.9880	0.9820	0.9903	0.8729	0.9811
64.3	0.9969	0.9967	0.9733	0.9879	0.9839	0.9927	0.8823	0.9872
64.4	0.9967	0.9965	0.9774	0.9892	0.9811	0.9946	0.8891	0.9819
64.5	0.9972	0.9971	0.9834	0.9921	0.9821	0.9956	0.8556	0.9845
64.6	0.9973	0.9972	0.9801	0.9879	0.9826	0.9938	0.8467	0.9771
64.7	0.9967	0.9966	0.9792	0.9847	0.9769	0.9926	0.8262	0.9766
64.8	0.9956	0.9955	0.9776	0.9842	0.9723	0.9939	0.7607	0.9805
64.9	0.9949	0.9948	0.9770	0.9816	0.9690	0.9910	0.7115	0.9793
65.0	0.9970	0.9970	0.9805	0.9842	0.9771	0.9947	0.7521	0.9865
65.1	0.9959	0.9958	0.9775	0.9804	0.9726	0.9936	0.5546	0.9859
65.2	0.9960	0.9959	0.9831	0.9826	0.9767	0.9938	0.5451	0.9842
65.3	0.9961	0.9960	0.9777	0.9798	0.9745	0.9940	0.3006	0.9846
65.4	0.9961	0.9959	0.9751	0.9795	0.9730	0.9947	0.0779	0.9862
65.5	0.9966	0.9965	0.9834	0.9841	0.9736	0.9963	0.0080	0.9907
65.6	0.9967	0.9966	0.9843	0.9825	0.9736	0.9961	0.1238	0.9908
65.7	0.9966	0.9965	0.9829	0.9797	0.9666	0.9952	0.3892	0.9859
65.8	0.9960	0.9958	0.9798	0.9799	0.9537	0.9952	0.5189	0.9880
65.9	0.9935	0.9936	0.9703	0.9776	0.9576	0.9923	0.5417	0.9839
66.0	0.9922	0.9921	0.9651	0.9639	0.9193	0.9908	0.6399	0.9780
66.1	0.9959	0.9958	0.9824	0.9765	0.9346	0.9951	0.7870	0.9857
66.2	0.9964	0.9965	0.9825	0.9702	0.9503	0.9954	0.8726	0.9860
66.3	0.9958	0.9958	0.9820	0.9699	0.9524	0.9944	0.8859	0.9863
66.4	0.9972	0.9972	0.9835	0.9679	0.9558	0.9960	0.8997	0.9873
66.5	0.9964	0.9964	0.9814	0.9564	0.9461	0.9942	0.9095	0.9816
66.6	0.9967	0.9968	0.9756	0.9553	0.9584	0.9942	0.9179	0.9813
66.7	0.9968	0.9969	0.9757	0.9622	0.9719	0.9952	0.9378	0.9898
66.8	0.9969	0.9969	0.9797	0.9625	0.9758	0.9961	0.9605	0.9895
66.9	0.9964	0.9965	0.9766	0.9609	0.9756	0.9956	0.9569	0.9878
67.0	0.9952	0.9954	0.9712	0.9623	0.9736	0.9937	0.9480	0.9848
67.1	0.9965	0.9966	0.9805	0.9655	0.9739	0.9949	0.9588	0.9822
67.2	0.9974	0.9974	0.9828	0.9631	0.9781	0.9950	0.9728	0.9831
67.3	0.9968	0.9969	0.9741	0.9523	0.9672	0.9932	0.9607	0.9787
67.4	0.9974	0.9975	0.9785	0.9531	0.9724	0.9949	0.9671	0.9780
67.5	0.9965	0.9965	0.9797	0.9416	0.9692	0.9946	0.9758	0.9734
67.6	0.9971	0.9971	0.9781	0.9389	0.9666	0.9941	0.9807	0.9816
67.7	0.9975	0.9976	0.9756	0.9313	0.9617	0.9934	0.9787	0.9798
67.8	0.9972	0.9972	0.9798	0.9486	0.9606	0.9939	0.9811	0.9711
67.9	0.9971	0.9972	0.9784	0.9529	0.9669	0.9939	0.9781	0.9751
68.0	0.9965	0.9967	0.9710	0.9444	0.9650	0.9934	0.9803	0.9794
68.1	0.9968	0.9969	0.9719	0.9350	0.9665	0.9936	0.9867	0.9761

68.2	0.9968	0.9970	0.9672	0.9204	0.9664	0.9932	0.9824	0.9721
68.3	0.9977	0.9978	0.9706	0.9334	0.9689	0.9940	0.9806	0.9758
68.4	0.9972	0.9973	0.9744	0.9087	0.9667	0.9935	0.9809	0.9625
68.5	0.9974	0.9974	0.9765	0.9124	0.9684	0.9953	0.9847	0.9731
68.6	0.9975	0.9975	0.9672	0.9271	0.9678	0.9959	0.9824	0.9740
68.7	0.9975	0.9976	0.9727	0.9156	0.9710	0.9950	0.9828	0.9668
68.8	0.9981	0.9982	0.9738	0.9346	0.9719	0.9960	0.9867	0.9672
68.9	0.9983	0.9984	0.9793	0.9414	0.9713	0.9957	0.9866	0.9705
69.0	0.9972	0.9972	0.9699	0.8869	0.9671	0.9936	0.9823	0.9662
69.1	0.9974	0.9975	0.9716	0.8685	0.9740	0.9948	0.9821	0.9717
69.2	0.9979	0.9981	0.9755	0.8833	0.9749	0.9950	0.9840	0.9717
69.3	0.9979	0.9981	0.9778	0.9240	0.9787	0.9950	0.9887	0.9728
69.4	0.9976	0.9977	0.9726	0.9146	0.9730	0.9941	0.9860	0.9661
69.5	0.9978	0.9979	0.9704	0.9215	0.9737	0.9953	0.9821	0.9517
69.6	0.9980	0.9981	0.9722	0.9229	0.9748	0.9957	0.9796	0.9557
69.7	0.9978	0.9980	0.9641	0.9116	0.9739	0.9945	0.9801	0.9582
69.8	0.9981	0.9983	0.9708	0.8840	0.9694	0.9928	0.9775	0.9614
69.9	0.9982	0.9984	0.9742	0.8966	0.9724	0.9943	0.9829	0.9697
70.0	0.9984	0.9986	0.9770	0.8362	0.9760	0.9958	0.9806	0.9801
70.1	0.9977	0.9980	0.9726	0.8654	0.9739	0.9953	0.9794	0.9697
70.2	0.9973	0.9977	0.9679	0.8934	0.9702	0.9928	0.9780	0.9633
70.3	0.9982	0.9985	0.9806	0.9030	0.9758	0.9940	0.9771	0.9749
70.4	0.9984	0.9986	0.9811	0.8658	0.9785	0.9947	0.9787	0.9737
70.5	0.9977	0.9981	0.9766	0.8410	0.9610	0.9926	0.9740	0.9725
70.6	0.9982	0.9985	0.9805	0.8443	0.9550	0.9935	0.9698	0.9748
70.7	0.9978	0.9981	0.9797	0.8372	0.9515	0.9939	0.9656	0.9710
70.8	0.9968	0.9971	0.9771	0.7563	0.9427	0.9914	0.9518	0.9692
70.9	0.9969	0.9974	0.9774	0.7684	0.9381	0.9893	0.9472	0.9734
71.0	0.9965	0.9971	0.9733	0.7915	0.9483	0.9905	0.9507	0.9807
71.1	0.9979	0.9984	0.9831	0.8268	0.9566	0.9934	0.9661	0.9820
71.2	0.9976	0.9981	0.9806	0.7637	0.9343	0.9910	0.9512	0.9760
71.3	0.9972	0.9977	0.9810	0.7438	0.9301	0.9913	0.9505	0.9838
71.4	0.9979	0.9982	0.9865	0.7066	0.9316	0.9922	0.9611	0.9827
71.5	0.9976	0.9980	0.9867	0.6077	0.9073	0.9905	0.9471	0.9819
71.6	0.9977	0.9982	0.9841	0.4848	0.9078	0.9911	0.9485	0.9837
71.7	0.9979	0.9983	0.9863	0.4262	0.9084	0.9917	0.9458	0.9860
71.8	0.9969	0.9974	0.9819	0.4513	0.8614	0.9887	0.9266	0.9836
71.9	0.9961	0.9970	0.9798	0.4790	0.8233	0.9855	0.9301	0.9811
72.0	0.9961	0.9971	0.9845	0.3930	0.8193	0.9844	0.9308	0.9834
72.1	0.9961	0.9972	0.9828	0.3548	0.8205	0.9797	0.9305	0.9826
72.2	0.9971	0.9979	0.9840	0.2637	0.7753	0.9867	0.9383	0.9836
72.3	0.9965	0.9975	0.9850	0.2122	0.7247	0.9858	0.9171	0.9837
72.4	0.9965	0.9975	0.9836	0.2274	0.7721	0.9868	0.9281	0.9843
72.5	0.9977	0.9984	0.9882	0.2406	0.8486	0.9898	0.9483	0.9838
72.6	0.9976	0.9984	0.9890	0.3727	0.8496	0.9882	0.9466	0.9858
72.7	0.9974	0.9982	0.9851	0.3240	0.8340	0.9854	0.9477	0.9881
72.8	0.9968	0.9978	0.9826	0.2761	0.7903	0.9795	0.9258	0.9855
72.9	0.9965	0.9977	0.9814	0.2382	0.7642	0.9754	0.9266	0.9843
73.0	0.9967	0.9978	0.9813	0.2234	0.8154	0.9768	0.9283	0.9826
73.1	0.9971	0.9980	0.9858	0.3838	0.8669	0.9770	0.9517	0.9853
73.2	0.9967	0.9979	0.9859	0.4174	0.8549	0.9738	0.9495	0.9872
73.3	0.9943	0.9965	0.9784	0.3520	0.8371	0.9580	0.9288	0.9790
73.4	0.9947	0.9968	0.9782	0.4900	0.8461	0.9629	0.9221	0.9830
73.5	0.9933	0.9958	0.9737	0.4748	0.8292	0.9570	0.9050	0.9819
73.6	0.9948	0.9967	0.9784	0.4882	0.8841	0.9664	0.9269	0.9872
73.7	0.9959	0.9974	0.9800	0.5571	0.9172	0.9745	0.9441	0.9898
73.8	0.9953	0.9970	0.9814	0.6989	0.9100	0.9745	0.9369	0.9883
73.9	0.9946	0.9967	0.9811	0.6762	0.9145	0.9683	0.9368	0.9859
74.0	0.9935	0.9961	0.9809	0.7023	0.9093	0.9623	0.9306	0.9853
74.1	0.9935	0.9960	0.9753	0.6337	0.9016	0.9550	0.9220	0.9842
74.2	0.9952	0.9970	0.9756	0.6184	0.9253	0.9640	0.9404	0.9879
74.3	0.9942	0.9965	0.9684	0.5952	0.9231	0.9555	0.9284	0.9830
74.4	0.9942	0.9963	0.9687	0.5856	0.9273	0.9571	0.9266	0.9810
74.5	0.9944	0.9966	0.9710	0.6047	0.9350	0.9599	0.9398	0.9837
74.6	0.9951	0.9972	0.9741	0.5590	0.9501	0.9666	0.9548	0.9850
74.7	0.9949	0.9968	0.9717	0.5271	0.9515	0.9701	0.9481	0.9824
74.8	0.9960	0.9974	0.9730	0.6187	0.9591	0.9732	0.9535	0.9814
74.9	0.9950	0.9967	0.9634	0.5804	0.9431	0.9728	0.9334	0.9814
75.0	0.9957	0.9971	0.9683	0.6009	0.9542	0.9773	0.9447	0.9824
75.1	0.9956	0.9966	0.9736	0.5270	0.9605	0.9800	0.9496	0.9800
75.2	0.9954	0.9967	0.9708	0.5503	0.9517	0.9824	0.9362	0.9788
75.3	0.9954	0.9970	0.9654	0.5386	0.9516	0.9790	0.9379	0.9781
75.4	0.9961	0.9973	0.9650	0.5272	0.9593	0.9793	0.9437	0.9711
75.5	0.9963	0.9974	0.9673	0.4663	0.9647	0.9835	0.9469	0.9653
75.6	0.9962	0.9974	0.9640	0.2903	0.9610	0.9833	0.9466	0.9709
75.7	0.9963	0.9977	0.9628	0.2370	0.9585	0.9834	0.9436	0.9656
75.8	0.9966	0.9976	0.9499	0.4089	0.9528	0.9826	0.9312	0.9595
75.9	0.9966	0.9976	0.9468	0.4497	0.9489	0.9822	0.9215	0.9485
76.0	0.9979	0.9986	0.9433	0.5040	0.9608	0.9858	0.9371	0.9427
76.1	0.9980	0.9987	0.9565	0.5572	0.9729	0.9868	0.9553	0.9529
76.2	0.9976	0.9985	0.9539	0.5521	0.9678	0.9857	0.9475	0.9499
76.3	0.9979	0.9985	0.9502	0.6016	0.9694	0.9873	0.9458	0.9394
76.4	0.9980	0.9983	0.9359	0.7157	0.9650	0.9875	0.9351	0.9351
76.5	0.9979	0.9985	0.9404	0.6959	0.9655	0.9848	0.9344	0.9236
76.6	0.9979	0.9986	0.9542	0.6761	0.9725	0.9865	0.9429	0.9345
76.7	0.9984	0.9988	0.9438	0.7389	0.9697	0.9872	0.9348	0.9324

76.8	0.9979	0.9985	0.9346	0.7891	0.9745	0.9861	0.9498	0.9225
76.9	0.9978	0.9987	0.9385	0.8335	0.9752	0.9845	0.9457	0.9254
77.0	0.9976	0.9985	0.9340	0.8653	0.9665	0.9830	0.9361	0.9059
77.1	0.9976	0.9983	0.9139	0.8451	0.9643	0.9811	0.9321	0.8733
77.2	0.9981	0.9987	0.9195	0.8728	0.9674	0.9791	0.9282	0.8719
77.3	0.9986	0.9990	0.9357	0.8873	0.9820	0.9858	0.9487	0.8984
77.4	0.9989	0.9993	0.9313	0.8957	0.9847	0.9874	0.9571	0.9006
77.5	0.9984	0.9989	0.9258	0.8980	0.9838	0.9858	0.9511	0.8675
77.6	0.9984	0.9989	0.9259	0.9009	0.9816	0.9861	0.9354	0.8323
77.7	0.9981	0.9989	0.9014	0.9083	0.9759	0.9858	0.9179	0.7686
77.8	0.9984	0.9990	0.9061	0.9171	0.9795	0.9883	0.9291	0.7691
77.9	0.9985	0.9991	0.8943	0.8985	0.9817	0.9879	0.9292	0.7126
78.0	0.9987	0.9990	0.8772	0.9248	0.9763	0.9893	0.9167	0.5161
78.1	0.9986	0.9991	0.8829	0.9417	0.9799	0.9915	0.9310	0.4258
78.2	0.9984	0.9990	0.9043	0.9484	0.9860	0.9906	0.9392	0.4600
78.3	0.9982	0.9989	0.9068	0.9398	0.9837	0.9900	0.9241	0.3242
78.4	0.9981	0.9987	0.8728	0.9397	0.9806	0.9905	0.9163	0.0952
78.5	0.9982	0.9988	0.9047	0.9568	0.9859	0.9912	0.9438	0.1319
78.6	0.9983	0.9988	0.8776	0.9471	0.9872	0.9918	0.9445	0.2288
78.7	0.9979	0.9985	0.8216	0.9341	0.9810	0.9866	0.9194	0.2877
78.8	0.9982	0.9988	0.8228	0.9318	0.9813	0.9885	0.9191	0.4324
78.9	0.9980	0.9987	0.7931	0.8441	0.9781	0.9904	0.9354	0.5923
79.0	0.9979	0.9987	0.7182	0.8028	0.9739	0.9916	0.9523	0.6591
79.1	0.9987	0.9992	0.8601	0.9240	0.9855	0.9932	0.9704	0.7528
79.2	0.9977	0.9985	0.8574	0.9479	0.9816	0.9928	0.9412	0.7309
79.3	0.9974	0.9982	0.8353	0.9525	0.9805	0.9905	0.9318	0.7249
79.4	0.9985	0.9989	0.8465	0.9669	0.9819	0.9912	0.9373	0.7250
79.5	0.9984	0.9989	0.8554	0.9744	0.9844	0.9918	0.9447	0.6640
79.6	0.9979	0.9987	0.8846	0.9789	0.9873	0.9903	0.9481	0.6577
79.7	0.9979	0.9986	0.8718	0.9781	0.9853	0.9907	0.9292	0.5746
79.8	0.9982	0.9987	0.8432	0.9769	0.9839	0.9901	0.9372	0.6375
79.9	0.9981	0.9987	0.8562	0.9828	0.9884	0.9921	0.9417	0.6909
80.0	0.9977	0.9984	0.8508	0.9824	0.9869	0.9918	0.9219	0.6773

2.2.14 Run 2 – IP270 – Accels 9–16

In-plane shaking at 270°. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0885	0.9037	0.0311	0.4631	0.1691	0.2211	0.1039	0.8814
0.1	0.0071	0.6902	0.0079	0.2970	0.1152	0.0582	0.0614	0.6466
0.2	0.0336	0.0355	0.0012	0.0119	0.0018	0.0021	0.0005	0.0122
0.3	0.0010	0.0209	0.0057	0.0257	0.0118	0.0110	0.0185	0.0284
0.4	0.0192	0.0209	0.0045	0.0267	0.0111	0.0006	0.0116	0.0052
0.5	0.0632	0.0989	0.0684	0.0381	0.0086	0.0650	0.0510	0.0016
0.6	0.0320	0.0104	0.0472	0.0184	0.0031	0.0338	0.0124	0.0222
0.7	0.0142	0.2369	0.0073	0.1605	0.0085	0.0001	0.0507	0.0078
0.8	0.2419	0.6176	0.0034	0.2671	0.0018	0.0089	0.2345	0.0458
0.9	0.6009	0.8203	0.1092	0.3701	0.0126	0.0215	0.4159	0.0684
1.0	0.7641	0.8446	0.1096	0.3403	0.0093	0.0269	0.3523	0.0628
1.1	0.8581	0.9206	0.2143	0.4558	0.0131	0.0246	0.4693	0.1810
1.2	0.8647	0.9244	0.1619	0.3901	0.0037	0.0526	0.3946	0.2935
1.3	0.9042	0.9350	0.4667	0.5651	0.1626	0.2470	0.5664	0.3082
1.4	0.9139	0.9487	0.2636	0.3652	0.5095	0.1960	0.3686	0.3724
1.5	0.9059	0.9392	0.3263	0.2698	0.5384	0.1737	0.2706	0.6282
1.6	0.9373	0.9553	0.7564	0.7900	0.7330	0.6801	0.7906	0.8838
1.7	0.8981	0.9214	0.8858	0.8687	0.7334	0.8204	0.8697	0.8982
1.8	0.8545	0.8740	0.9265	0.8428	0.7022	0.7846	0.8428	0.8603
1.9	0.7620	0.7689	0.9324	0.7461	0.6541	0.6782	0.7467	0.8065
2.0	0.7918	0.7413	0.9288	0.7267	0.6855	0.6717	0.7273	0.7399
2.1	0.8662	0.7952	0.9017	0.7879	0.7269	0.7212	0.7882	0.7787
2.2	0.9485	0.8925	0.6014	0.9128	0.6688	0.5571	0.9127	0.5923
2.3	0.9527	0.8811	0.4392	0.9129	0.2628	0.3176	0.9116	0.4754
2.4	0.9643	0.8782	0.5001	0.9308	0.1668	0.3683	0.9311	0.5248
2.5	0.9743	0.8676	0.8370	0.9482	0.4181	0.6779	0.9482	0.7934
2.6	0.9775	0.8471	0.9573	0.9528	0.6488	0.8032	0.9525	0.8873
2.7	0.9820	0.8637	0.9800	0.9576	0.7269	0.8129	0.9575	0.8913
2.8	0.9818	0.8220	0.9816	0.9570	0.6941	0.7400	0.9570	0.8263
2.9	0.9791	0.7306	0.9775	0.9507	0.6383	0.6696	0.9509	0.6033
3.0	0.9627	0.7297	0.9588	0.9091	0.5293	0.5610	0.9097	0.3853
3.1	0.9433	0.7065	0.9442	0.8671	0.4426	0.4557	0.8682	0.2742
3.2	0.9591	0.7344	0.9569	0.9054	0.4922	0.4970	0.9061	0.4301
3.3	0.9552	0.7918	0.9467	0.8909	0.3657	0.4289	0.8914	0.5334
3.4	0.9564	0.8530	0.9492	0.8933	0.3777	0.4906	0.8935	0.6473
3.5	0.9476	0.8521	0.9281	0.8734	0.1948	0.3714	0.8742	0.6588
3.6	0.9535	0.8956	0.9251	0.8833	0.1758	0.3859	0.8834	0.7602
3.7	0.9632	0.9213	0.9227	0.9092	0.2113	0.5307	0.9086	0.7977
3.8	0.9639	0.9392	0.9313	0.9109	0.2486	0.5644	0.9109	0.8541
3.9	0.9584	0.9468	0.9158	0.8969	0.2341	0.4999	0.8962	0.8546
4.0	0.9687	0.9671	0.9192	0.9199	0.1743	0.4905	0.9192	0.9034
4.1	0.9720	0.9723	0.9271	0.9283	0.1485	0.5421	0.9272	0.9133
4.2	0.9692	0.9737	0.9047	0.9161	0.1906	0.4982	0.9155	0.9127
4.3	0.9719	0.9794	0.8911	0.9177	0.1484	0.4541	0.9180	0.8930
4.4	0.9760	0.9836	0.8077	0.9268	0.0832	0.4928	0.9269	0.8877
4.5	0.9872	0.9931	0.8534	0.9567	0.0673	0.6191	0.9576	0.9194
4.6	0.9899	0.9946	0.8701	0.9644	0.0767	0.5764	0.9639	0.9112
4.7	0.9833	0.9907	0.7889	0.9446	0.0193	0.4873	0.9443	0.8976
4.8	0.9877	0.9939	0.8172	0.9560	0.0588	0.5678	0.9571	0.9048
4.9	0.9925	0.9955	0.7981	0.9708	0.0284	0.6589	0.9711	0.9183
5.0	0.9961	0.9975	0.8528	0.9844	0.0563	0.7106	0.9843	0.9221
5.1	0.9957	0.9976	0.8478	0.9843	0.0884	0.6605	0.9844	0.9137
5.2	0.9961	0.9978	0.8241	0.9837	0.1535	0.7002	0.9834	0.9054
5.3	0.9949	0.9977	0.8487	0.9823	0.1092	0.6572	0.9823	0.9021
5.4	0.9932	0.9977	0.7662	0.9798	0.0088	0.5301	0.9803	0.8189
5.5	0.9914	0.9979	0.7605	0.9764	0.0385	0.5477	0.9764	0.8027
5.6	0.9898	0.9974	0.7070	0.9730	0.1862	0.5909	0.9735	0.8741
5.7	0.9842	0.9968	0.6621	0.9603	0.1114	0.5186	0.9607	0.8610
5.8	0.9840	0.9973	0.6504	0.9609	0.1076	0.5256	0.9603	0.8132
5.9	0.9799	0.9972	0.5914	0.9530	0.1216	0.5062	0.9529	0.7756
6.0	0.9821	0.9974	0.6938	0.9598	0.2132	0.5704	0.9601	0.7956
6.1	0.9863	0.9980	0.7260	0.9693	0.4328	0.7391	0.9699	0.8896
6.2	0.9820	0.9969	0.6156	0.9589	0.4751	0.7509	0.9594	0.8584
6.3	0.9824	0.9974	0.6546	0.9575	0.5716	0.7451	0.9568	0.8885
6.4	0.9862	0.9982	0.7098	0.9674	0.6289	0.7839	0.9674	0.9067
6.5	0.9864	0.9982	0.6796	0.9657	0.3313	0.6981	0.9661	0.7375
6.6	0.9886	0.9985	0.7809	0.9704	0.4807	0.7827	0.9706	0.8062
6.7	0.9864	0.9981	0.7666	0.9663	0.5271	0.8228	0.9676	0.8128
6.8	0.9860	0.9982	0.7658	0.9643	0.5034	0.7349	0.9649	0.7777
6.9	0.9868	0.9985	0.8077	0.9658	0.4739	0.6972	0.9665	0.6947
7.0	0.9915	0.9987	0.8510	0.9762	0.5922	0.7257	0.9764	0.7245
7.1	0.9927	0.9985	0.8352	0.9795	0.5714	0.6912	0.9801	0.6672
7.2	0.9954	0.9993	0.8409	0.9898	0.6679	0.7330	0.9899	0.6889
7.3	0.9967	0.9992	0.7620	0.9921	0.7451	0.8095	0.9920	0.7225
7.4	0.9971	0.9993	0.6827	0.9919	0.8208	0.8965	0.9916	0.7494
7.5	0.9965	0.9993	0.7917	0.9920	0.7714	0.8538	0.9920	0.6067
7.6	0.9961	0.9992	0.8082	0.9902	0.7501	0.8610	0.9902	0.3975
7.7	0.9959	0.9989	0.6762	0.9863	0.7353	0.8248	0.9854	0.2222
7.8	0.9965	0.9993	0.7876	0.9904	0.7408	0.8735	0.9895	0.2423
7.9	0.9979	0.9994	0.8186	0.9936	0.7462	0.8891	0.9935	0.3292

8.0	0.9980	0.9995	0.8202	0.9938	0.8013	0.8551	0.9941	0.4889
8.1	0.9976	0.9994	0.7736	0.9938	0.7452	0.8280	0.9936	0.4834
8.2	0.9974	0.9993	0.7967	0.9947	0.7619	0.8170	0.9949	0.5389
8.3	0.9984	0.9996	0.8608	0.9970	0.8048	0.8560	0.9969	0.6688
8.4	0.9980	0.9994	0.8578	0.9963	0.7903	0.8521	0.9961	0.6532
8.5	0.9978	0.9994	0.7894	0.9963	0.8026	0.8519	0.9960	0.6286
8.6	0.9982	0.9994	0.8474	0.9976	0.7975	0.8843	0.9974	0.7496
8.7	0.9983	0.9995	0.9050	0.9977	0.7899	0.8963	0.9978	0.7957
8.8	0.9984	0.9995	0.8884	0.9981	0.7771	0.9087	0.9980	0.8374
8.9	0.9979	0.9994	0.8757	0.9976	0.6916	0.8805	0.9974	0.8088
9.0	0.9972	0.9995	0.8958	0.9972	0.7296	0.8772	0.9973	0.8047
9.1	0.9973	0.9996	0.9280	0.9968	0.8763	0.8782	0.9975	0.8895
9.2	0.9976	0.9995	0.9309	0.9975	0.8937	0.8455	0.9981	0.9109
9.3	0.9964	0.9994	0.9342	0.9975	0.9015	0.8054	0.9973	0.8951
9.4	0.9968	0.9996	0.9603	0.9972	0.9308	0.8310	0.9972	0.8907
9.5	0.9965	0.9996	0.9641	0.9972	0.9494	0.8464	0.9974	0.8824
9.6	0.9961	0.9994	0.9516	0.9976	0.9503	0.8710	0.9976	0.8090
9.7	0.9962	0.9994	0.9291	0.9978	0.9630	0.8891	0.9977	0.7978
9.8	0.9945	0.9993	0.9193	0.9975	0.8796	0.8997	0.9974	0.4373
9.9	0.9963	0.9995	0.9438	0.9969	0.9128	0.9176	0.9976	0.4086
10.0	0.9946	0.9993	0.9124	0.9946	0.9769	0.8420	0.9970	0.5939
10.1	0.9954	0.9994	0.9379	0.9965	0.9810	0.8313	0.9968	0.6975
10.2	0.9963	0.9994	0.9291	0.9967	0.9768	0.8193	0.9968	0.6743
10.3	0.9972	0.9995	0.9422	0.9975	0.9810	0.8324	0.9975	0.7287
10.4	0.9974	0.9994	0.9454	0.9978	0.9872	0.7908	0.9978	0.8382
10.5	0.9974	0.9993	0.9513	0.9965	0.9904	0.6786	0.9965	0.8572
10.6	0.9979	0.9994	0.9754	0.9974	0.9936	0.7115	0.9975	0.9191
10.7	0.9981	0.9995	0.9752	0.9966	0.9954	0.6994	0.9965	0.9452
10.8	0.9970	0.9995	0.9520	0.9948	0.9935	0.7270	0.9953	0.9363
10.9	0.9982	0.9996	0.9609	0.9949	0.9953	0.8626	0.9952	0.9535
11.0	0.9984	0.9994	0.9618	0.9950	0.9957	0.8530	0.9951	0.9577
11.1	0.9975	0.9990	0.9510	0.9943	0.9963	0.8369	0.9947	0.9495
11.2	0.9976	0.9992	0.9440	0.9934	0.9964	0.8139	0.9935	0.9489
11.3	0.9978	0.9992	0.9359	0.9919	0.9959	0.8485	0.9917	0.9450
11.4	0.9982	0.9994	0.9547	0.9933	0.9958	0.8935	0.9930	0.9511
11.5	0.9983	0.9994	0.9586	0.9928	0.9958	0.8840	0.9929	0.9473
11.6	0.9979	0.9993	0.9358	0.9927	0.9956	0.8933	0.9930	0.9365
11.7	0.9975	0.9987	0.9257	0.9913	0.9940	0.8992	0.9912	0.9113
11.8	0.9979	0.9991	0.9452	0.9934	0.9942	0.9087	0.9926	0.9284
11.9	0.9982	0.9991	0.9523	0.9932	0.9958	0.9243	0.9927	0.9387
12.0	0.9983	0.9988	0.9523	0.9929	0.9920	0.9397	0.9926	0.9196
12.1	0.9983	0.9989	0.9482	0.9911	0.9928	0.9419	0.9902	0.9229
12.2	0.9982	0.9990	0.9668	0.9931	0.9949	0.9567	0.9927	0.9546
12.3	0.9984	0.9991	0.9718	0.9939	0.9952	0.9657	0.9940	0.9714
12.4	0.9986	0.9988	0.9648	0.9922	0.9936	0.9601	0.9925	0.9698
12.5	0.9979	0.9987	0.9753	0.9931	0.9947	0.9694	0.9932	0.9627
12.6	0.9979	0.9990	0.9788	0.9951	0.9959	0.9732	0.9949	0.9826
12.7	0.9973	0.9990	0.9813	0.9947	0.9959	0.9800	0.9946	0.9861
12.8	0.9967	0.9991	0.9747	0.9931	0.9952	0.9792	0.9933	0.9884
12.9	0.9947	0.9989	0.9698	0.9915	0.9944	0.9711	0.9919	0.9842
13.0	0.9952	0.9993	0.9601	0.9912	0.9950	0.9715	0.9912	0.9868
13.1	0.9957	0.9992	0.9659	0.9904	0.9957	0.9590	0.9897	0.9870
13.2	0.9970	0.9990	0.9655	0.9929	0.9961	0.9743	0.9925	0.9890
13.3	0.9981	0.9991	0.9652	0.9956	0.9966	0.9800	0.9952	0.9923
13.4	0.9980	0.9988	0.9554	0.9937	0.9958	0.9699	0.9933	0.9911
13.5	0.9988	0.9989	0.9336	0.9898	0.9956	0.9504	0.9899	0.9921
13.6	0.9986	0.9985	0.9052	0.9901	0.9953	0.9568	0.9901	0.9914
13.7	0.9977	0.9981	0.8725	0.9904	0.9954	0.9493	0.9900	0.9888
13.8	0.9985	0.9986	0.8472	0.9920	0.9973	0.9267	0.9917	0.9897
13.9	0.9981	0.9987	0.8824	0.9947	0.9970	0.9352	0.9943	0.9914
14.0	0.9980	0.9986	0.9014	0.9959	0.9970	0.9350	0.9956	0.9912
14.1	0.9979	0.9983	0.9439	0.9970	0.9969	0.9288	0.9970	0.9932
14.2	0.9978	0.9978	0.9304	0.9960	0.9960	0.8792	0.9959	0.9928
14.3	0.9980	0.9981	0.9500	0.9968	0.9966	0.8528	0.9967	0.9921
14.4	0.9973	0.9977	0.9568	0.9968	0.9957	0.8088	0.9968	0.9928
14.5	0.9971	0.9973	0.9548	0.9964	0.9936	0.7455	0.9963	0.9947
14.6	0.9929	0.9951	0.9551	0.9944	0.9886	0.3989	0.9943	0.9883
14.7	0.9941	0.9972	0.9636	0.9969	0.9911	0.0058	0.9969	0.9907
14.8	0.9935	0.9979	0.9450	0.9978	0.9894	0.4842	0.9977	0.9914
14.9	0.9965	0.9984	0.9381	0.9982	0.9926	0.8075	0.9982	0.9913
15.0	0.9919	0.9941	0.8838	0.9926	0.9863	0.8512	0.9922	0.9832
15.1	0.9898	0.9918	0.8447	0.9898	0.9843	0.9032	0.9897	0.9800
15.2	0.9922	0.9936	0.8052	0.9923	0.9853	0.9438	0.9922	0.9868
15.3	0.9876	0.9887	0.7846	0.9873	0.9831	0.9323	0.9875	0.9766
15.4	0.9832	0.9847	0.8012	0.9841	0.9804	0.9449	0.9839	0.9738
15.5	0.9799	0.9826	0.8673	0.9820	0.9768	0.9562	0.9822	0.9728
15.6	0.9632	0.9681	0.8637	0.9669	0.9590	0.9300	0.9669	0.9553
15.7	0.9629	0.9675	0.9067	0.9662	0.9644	0.9240	0.9662	0.9533
15.8	0.9486	0.9573	0.9135	0.9571	0.9596	0.8891	0.9568	0.9328
15.9	0.9613	0.9660	0.9449	0.9669	0.9697	0.9103	0.9669	0.9524
16.0	0.9705	0.9760	0.9640	0.9759	0.9799	0.9209	0.9758	0.9634
16.1	0.9688	0.9740	0.9557	0.9744	0.9803	0.8713	0.9744	0.9584
16.2	0.9836	0.9860	0.9813	0.9867	0.9910	0.9238	0.9862	0.9766
16.3	0.9876	0.9913	0.9848	0.9916	0.9945	0.9138	0.9913	0.9775
16.4	0.9876	0.9924	0.9898	0.9926	0.9947	0.8985	0.9925	0.9755
16.5	0.9896	0.9946	0.9854	0.9950	0.9957	0.8284	0.9948	0.9746

16.6	0.9931	0.9966	0.9834	0.9971	0.9961	0.8801	0.9970	0.9747
16.7	0.9960	0.9967	0.9774	0.9974	0.9956	0.8625	0.9973	0.9722
16.8	0.9960	0.9868	0.9650	0.9895	0.9911	0.8510	0.9894	0.9290
16.9	0.9904	0.9831	0.9642	0.9864	0.9908	0.8542	0.9860	0.8640
17.0	0.9912	0.9942	0.9606	0.9958	0.9905	0.8860	0.9957	0.7843
17.1	0.9827	0.9928	0.8998	0.9964	0.9791	0.8062	0.9965	0.3437
17.2	0.9959	0.9897	0.8742	0.9941	0.9739	0.8457	0.9939	0.7723
17.3	0.9977	0.9954	0.9289	0.9968	0.9898	0.9391	0.9967	0.9569
17.4	0.9976	0.9965	0.9664	0.9974	0.9923	0.9744	0.9974	0.9814
17.5	0.9972	0.9982	0.9486	0.9983	0.9884	0.9736	0.9984	0.9762
17.6	0.9956	0.9983	0.9291	0.9986	0.9904	0.9720	0.9986	0.9793
17.7	0.9963	0.9987	0.9268	0.9990	0.9947	0.9804	0.9990	0.9871
17.8	0.9913	0.9989	0.9211	0.9991	0.9942	0.9819	0.9991	0.9879
17.9	0.9854	0.9992	0.8654	0.9993	0.9915	0.9770	0.9993	0.9826
18.0	0.9838	0.9989	0.7406	0.9991	0.9888	0.9662	0.9990	0.9760
18.1	0.9903	0.9990	0.8317	0.9992	0.9943	0.9716	0.9991	0.9794
18.2	0.9930	0.9993	0.9170	0.9993	0.9952	0.9700	0.9993	0.9773
18.3	0.9857	0.9992	0.9353	0.9992	0.9939	0.9590	0.9993	0.9628
18.4	0.9898	0.9991	0.9457	0.9993	0.9930	0.9601	0.9993	0.9557
18.5	0.9914	0.9990	0.9037	0.9993	0.9757	0.9304	0.9993	0.8801
18.6	0.9902	0.9995	0.8502	0.9994	0.9466	0.9234	0.9994	0.8883
18.7	0.9832	0.9996	0.8448	0.9996	0.9605	0.9699	0.9995	0.9559
18.8	0.9781	0.9995	0.9102	0.9994	0.9900	0.9887	0.9994	0.9833
18.9	0.9630	0.9994	0.9173	0.9991	0.9921	0.9895	0.9992	0.9881
19.0	0.9498	0.9991	0.9071	0.9990	0.9887	0.9900	0.9990	0.9880
19.1	0.9472	0.9991	0.9158	0.9990	0.9898	0.9919	0.9991	0.9917
19.2	0.9380	0.9992	0.9206	0.9989	0.9904	0.9918	0.9990	0.9926
19.3	0.9152	0.9991	0.9054	0.9987	0.9906	0.9904	0.9987	0.9905
19.4	0.9044	0.9992	0.8804	0.9986	0.9861	0.9896	0.9986	0.9899
19.5	0.8709	0.9994	0.8276	0.9975	0.9814	0.9856	0.9975	0.9857
19.6	0.9065	0.9995	0.8763	0.9982	0.9890	0.9886	0.9981	0.9896
19.7	0.9361	0.9997	0.8903	0.9988	0.9917	0.9899	0.9987	0.9908
19.8	0.9310	0.9997	0.8880	0.9985	0.9903	0.9898	0.9985	0.9906
19.9	0.9192	0.9997	0.8750	0.9982	0.9862	0.9882	0.9981	0.9876
20.0	0.9121	0.9997	0.8612	0.9973	0.9873	0.9863	0.9974	0.9881
20.1	0.9199	0.9996	0.8568	0.9963	0.9869	0.9871	0.9964	0.9874
20.2	0.9527	0.9997	0.8639	0.9970	0.9887	0.9922	0.9971	0.9901
20.3	0.9438	0.9997	0.8738	0.9966	0.9883	0.9920	0.9966	0.9917
20.4	0.9152	0.9995	0.8320	0.9948	0.9838	0.9872	0.9946	0.9892
20.5	0.9275	0.9997	0.8384	0.9942	0.9858	0.9851	0.9939	0.9859
20.6	0.9435	0.9997	0.8448	0.9940	0.9877	0.9893	0.9940	0.9879
20.7	0.9522	0.9996	0.8169	0.9932	0.9845	0.9910	0.9932	0.9905
20.8	0.9569	0.9997	0.8093	0.9929	0.9874	0.9891	0.9929	0.9903
20.9	0.9573	0.9997	0.8393	0.9914	0.9882	0.9869	0.9914	0.9872
21.0	0.9460	0.9997	0.8468	0.9887	0.9854	0.9855	0.9889	0.9868
21.1	0.9397	0.9996	0.8511	0.9839	0.9867	0.9868	0.9839	0.9884
21.2	0.9515	0.9997	0.8960	0.9856	0.9904	0.9876	0.9856	0.9885
21.3	0.9635	0.9997	0.9003	0.9866	0.9899	0.9833	0.9867	0.9859
21.4	0.9720	0.9997	0.9159	0.9884	0.9923	0.9822	0.9883	0.9843
21.5	0.9569	0.9996	0.8861	0.9819	0.9850	0.9793	0.9818	0.9815
21.6	0.9598	0.9996	0.8829	0.9822	0.9843	0.9833	0.9822	0.9844
21.7	0.9527	0.9997	0.8906	0.9761	0.9851	0.9800	0.9763	0.9853
21.8	0.9630	0.9996	0.9070	0.9772	0.9873	0.9787	0.9770	0.9860
21.9	0.9641	0.9996	0.9104	0.9740	0.9830	0.9764	0.9738	0.9863
22.0	0.9490	0.9995	0.8876	0.9612	0.9746	0.9678	0.9614	0.9817
22.1	0.9516	0.9995	0.8710	0.9592	0.9722	0.9633	0.9596	0.9768
22.2	0.9427	0.9994	0.8412	0.9539	0.9672	0.9584	0.9543	0.9702
22.3	0.9347	0.9993	0.8155	0.9429	0.9559	0.9458	0.9433	0.9642
22.4	0.9386	0.9990	0.6189	0.9424	0.8700	0.9170	0.9426	0.9322
22.5	0.9181	0.9987	0.5723	0.9253	0.8424	0.9041	0.9258	0.9210
22.6	0.9303	0.9992	0.8115	0.9310	0.9498	0.9205	0.9318	0.9480
22.7	0.9431	0.9993	0.8741	0.9441	0.9651	0.9302	0.9449	0.9562
22.8	0.9372	0.9991	0.8491	0.9303	0.9518	0.9310	0.9303	0.9524
22.9	0.9152	0.9989	0.8116	0.9106	0.9316	0.9160	0.9112	0.9417
23.0	0.9453	0.9992	0.8683	0.9415	0.9424	0.9339	0.9421	0.9421
23.1	0.9617	0.9993	0.8595	0.9590	0.9454	0.9519	0.9585	0.9475
23.2	0.9596	0.9993	0.8701	0.9487	0.9360	0.9292	0.9486	0.9353
23.3	0.9723	0.9993	0.8583	0.9564	0.9165	0.9235	0.9566	0.9261
23.4	0.9719	0.9994	0.7802	0.9586	0.8711	0.9191	0.9585	0.9037
23.5	0.9726	0.9993	0.7662	0.9532	0.8426	0.9017	0.9527	0.8666
23.6	0.9699	0.9994	0.6640	0.9427	0.7724	0.8663	0.9424	0.8393
23.7	0.9799	0.9996	0.5635	0.9648	0.7485	0.9096	0.9648	0.8298
23.8	0.9768	0.9997	0.5374	0.9628	0.7444	0.8983	0.9629	0.8135
23.9	0.9816	0.9997	0.4786	0.9624	0.7651	0.8645	0.9628	0.8340
24.0	0.9802	0.9997	0.3006	0.9620	0.7799	0.8488	0.9617	0.7944
24.1	0.9812	0.9997	0.2915	0.9589	0.7897	0.7887	0.9590	0.7776
24.2	0.9821	0.9997	0.2930	0.9510	0.8130	0.6798	0.9517	0.7956
24.3	0.9842	0.9997	0.4186	0.9462	0.8646	0.6175	0.9461	0.8452
24.4	0.9862	0.9998	0.4602	0.9664	0.8703	0.4892	0.9662	0.8588
24.5	0.9804	0.9998	0.4259	0.9516	0.8344	0.3590	0.9514	0.8593
24.6	0.9777	0.9998	0.5032	0.9615	0.8882	0.2468	0.9618	0.9074
24.7	0.9832	0.9998	0.6096	0.9599	0.8780	0.0790	0.9594	0.9283
24.8	0.9787	0.9998	0.5680	0.9569	0.8801	0.1472	0.9582	0.9437
24.9	0.9706	0.9998	0.5337	0.9551	0.8797	0.3093	0.9579	0.9489
25.0	0.9621	0.9998	0.4284	0.9514	0.8628	0.3488	0.9527	0.9467
25.1	0.9675	0.9998	0.4233	0.9503	0.8821	0.3782	0.9506	0.9486

25.2	0.9721	0.9998	0.3696	0.9493	0.8905	0.4500	0.9500	0.9574
25.3	0.9601	0.9998	0.3023	0.9547	0.9225	0.4143	0.9546	0.9528
25.4	0.9492	0.9998	0.2109	0.9381	0.9341	0.3985	0.9406	0.9485
25.5	0.9509	0.9998	0.1084	0.9407	0.9286	0.4608	0.9390	0.9552
25.6	0.9535	0.9998	0.0865	0.9220	0.9310	0.4891	0.9103	0.9637
25.7	0.9458	0.9999	0.1792	0.9197	0.9379	0.4205	0.9220	0.9685
25.8	0.9501	0.9999	0.2237	0.9127	0.9530	0.4993	0.9076	0.9711
25.9	0.9609	0.9999	0.0368	0.9094	0.9646	0.5102	0.8934	0.9702
26.0	0.9413	0.9998	0.0696	0.8804	0.9615	0.3128	0.8614	0.9624
26.1	0.9405	0.9998	0.0564	0.8287	0.9618	0.3031	0.8173	0.9690
26.2	0.9372	0.9998	0.1895	0.7336	0.9592	0.3216	0.7166	0.9753
26.3	0.9360	0.9998	0.1449	0.7171	0.9727	0.4451	0.6213	0.9749
26.4	0.9312	0.9998	0.1086	0.7371	0.9808	0.5698	0.6852	0.9809
26.5	0.9023	0.9998	0.0798	0.6977	0.9743	0.4343	0.7096	0.9823
26.6	0.8444	0.9998	0.0166	0.6580	0.9746	0.2736	0.6621	0.9790
26.7	0.8701	0.9998	0.0042	0.7533	0.9811	0.4291	0.7277	0.9816
26.8	0.8209	0.9999	0.0480	0.6817	0.9788	0.4376	0.6838	0.9840
26.9	0.8178	0.9999	0.1560	0.4312	0.9789	0.3527	0.4579	0.9859
27.0	0.8171	0.9999	0.1394	0.0104	0.9828	0.1675	0.0148	0.9867
27.1	0.7640	0.9998	0.0774	0.3736	0.9843	0.1423	0.3653	0.9835
27.2	0.7460	0.9999	0.1271	0.7849	0.9855	0.2564	0.7864	0.9857
27.3	0.7582	0.9999	0.2607	0.8828	0.9888	0.0911	0.8840	0.9862
27.4	0.7235	0.9999	0.5217	0.9373	0.9880	0.0209	0.9304	0.9825
27.5	0.7296	0.9998	0.3769	0.9312	0.9821	0.1462	0.9394	0.9805
27.6	0.7776	0.9998	0.3631	0.9540	0.9882	0.3438	0.9563	0.9802
27.7	0.8297	0.9998	0.5347	0.9725	0.9885	0.3550	0.9713	0.9831
27.8	0.8798	0.9998	0.6921	0.9791	0.9874	0.4054	0.9772	0.9847
27.9	0.9097	0.9998	0.7456	0.9811	0.9858	0.5021	0.9828	0.9868
28.0	0.8704	0.9997	0.7168	0.9719	0.9706	0.4420	0.9724	0.9756
28.1	0.8588	0.9997	0.6675	0.9709	0.9657	0.5447	0.9703	0.9686
28.2	0.8707	0.9998	0.6843	0.9744	0.9630	0.5814	0.9740	0.9748
28.3	0.8749	0.9998	0.7492	0.9683	0.9683	0.6206	0.9698	0.9688
28.4	0.8096	0.9997	0.5754	0.9456	0.9309	0.3577	0.9423	0.9324
28.5	0.8637	0.9998	0.5449	0.9652	0.9347	0.4484	0.9617	0.9383
28.6	0.8313	0.9998	0.5311	0.9513	0.9303	0.5535	0.9531	0.9408
28.7	0.7663	0.9997	0.5418	0.9225	0.8832	0.5207	0.9260	0.9054
28.8	0.7522	0.9998	0.5604	0.9064	0.8611	0.5074	0.9018	0.8557
28.9	0.7064	0.9998	0.4482	0.9008	0.7792	0.4314	0.8910	0.7421
29.0	0.6433	0.9998	0.3512	0.8692	0.6793	0.3446	0.8611	0.5952
29.1	0.5192	0.9998	0.3534	0.8338	0.6288	0.3561	0.8483	0.5104
29.2	0.3256	0.9998	0.2919	0.7435	0.4658	0.2984	0.7531	0.4590
29.3	0.3849	0.9998	0.3696	0.6718	0.4730	0.4544	0.6644	0.4961
29.4	0.3954	0.9997	0.3079	0.5793	0.2601	0.4257	0.5605	0.5198
29.5	0.2424	0.9997	0.2259	0.5467	0.2633	0.2294	0.4960	0.4031
29.6	0.1347	0.9997	0.2165	0.4395	0.1800	0.2095	0.4032	0.3670
29.7	0.1395	0.9998	0.2633	0.3887	0.1707	0.3788	0.4454	0.4756
29.8	0.0280	0.9998	0.2729	0.2059	0.0815	0.3117	0.2708	0.4255
29.9	0.0098	0.9998	0.1155	0.0224	0.0133	0.1159	0.0269	0.1557
30.0	0.0240	0.9997	0.0597	0.0620	0.0394	0.0763	0.0363	0.1120
30.1	0.0556	0.9997	0.1524	0.1591	0.2209	0.1989	0.1336	0.3601
30.2	0.2266	0.9997	0.2120	0.2023	0.2189	0.1257	0.1779	0.3131
30.3	0.3460	0.9998	0.2952	0.2186	0.1687	0.1719	0.2525	0.3735
30.4	0.3128	0.9999	0.4204	0.1872	0.1234	0.2602	0.2974	0.5059
30.5	0.4106	0.9998	0.3475	0.3153	0.1828	0.2541	0.3048	0.4622
30.6	0.3415	0.9998	0.4263	0.2747	0.2552	0.3700	0.3451	0.5358
30.7	0.4339	0.9998	0.3923	0.1659	0.2760	0.2784	0.2254	0.4598
30.8	0.4729	0.9998	0.2746	0.1788	0.2112	0.1140	0.1631	0.3211
30.9	0.5647	0.9998	0.3381	0.4125	0.2946	0.1668	0.4268	0.4023
31.0	0.6644	0.9999	0.4193	0.4817	0.2574	0.2080	0.4896	0.4332
31.1	0.6572	0.9998	0.2784	0.3432	0.2341	0.1121	0.3556	0.1842
31.2	0.6633	0.9998	0.3869	0.4012	0.1907	0.2895	0.4172	0.3842
31.3	0.6321	0.9997	0.4379	0.2949	0.1027	0.2455	0.3252	0.4037
31.4	0.6796	0.9997	0.4751	0.4391	0.1923	0.1939	0.4350	0.2047
31.5	0.6360	0.9997	0.5090	0.6642	0.1510	0.3179	0.6811	0.3363
31.6	0.7404	0.9998	0.5481	0.7194	0.1927	0.6243	0.7343	0.6155
31.7	0.7603	0.9998	0.5010	0.7270	0.1292	0.7256	0.7318	0.7006
31.8	0.7877	0.9998	0.6426	0.8163	0.2541	0.7757	0.8134	0.7890
31.9	0.7460	0.9997	0.6332	0.7903	0.4045	0.7660	0.7858	0.7716
32.0	0.6919	0.9997	0.3839	0.7495	0.2699	0.7327	0.7526	0.7652
32.1	0.7096	0.9996	0.3680	0.7657	0.1932	0.7905	0.7674	0.8063
32.2	0.7815	0.9996	0.4753	0.8312	0.3308	0.8195	0.8262	0.8490
32.3	0.8038	0.9996	0.5323	0.8145	0.4383	0.8002	0.8136	0.8705
32.4	0.7174	0.9993	0.4790	0.8152	0.3769	0.8296	0.8203	0.8546
32.5	0.7706	0.9992	0.5327	0.8364	0.4743	0.8618	0.8432	0.8822
32.6	0.8306	0.9993	0.4524	0.8476	0.5547	0.8708	0.8525	0.9187
32.7	0.8340	0.9990	0.3752	0.8584	0.5840	0.8819	0.8577	0.9211
32.8	0.8825	0.9994	0.4411	0.8758	0.7346	0.8904	0.8739	0.9303
32.9	0.8681	0.9993	0.4363	0.8654	0.7618	0.8636	0.8611	0.9324
33.0	0.8793	0.9994	0.3466	0.8710	0.7862	0.8796	0.8701	0.9467
33.1	0.8923	0.9993	0.2942	0.8865	0.8412	0.9193	0.8928	0.9528
33.2	0.9181	0.9995	0.4515	0.9127	0.8859	0.9571	0.9117	0.9560
33.3	0.9296	0.9995	0.3470	0.8740	0.8446	0.9442	0.8742	0.9517
33.4	0.8875	0.9991	0.2455	0.7992	0.7777	0.9178	0.8056	0.9428
33.5	0.8964	0.9990	0.3539	0.8340	0.7830	0.9531	0.8384	0.9536
33.6	0.8909	0.9989	0.3373	0.8519	0.7969	0.9617	0.8605	0.9523
33.7	0.8966	0.9986	0.4332	0.8525	0.7615	0.9561	0.8670	0.9601

33.8	0.8689	0.9978	0.4680	0.8253	0.6178	0.9429	0.8328	0.9405
33.9	0.8652	0.9975	0.5480	0.8564	0.5537	0.9501	0.8695	0.9344
34.0	0.8740	0.9976	0.6799	0.8752	0.3608	0.9431	0.8923	0.9328
34.1	0.9045	0.9983	0.8199	0.8569	0.0823	0.9624	0.8734	0.9580
34.2	0.8617	0.9984	0.7753	0.7701	0.0206	0.9516	0.8222	0.9600
34.3	0.8231	0.9988	0.7472	0.7834	0.1208	0.9394	0.8366	0.9536
34.4	0.6835	0.9986	0.7081	0.7673	0.1401	0.9204	0.8393	0.9191
34.5	0.6364	0.9989	0.6703	0.7687	0.2420	0.8790	0.8196	0.9008
34.6	0.6116	0.9994	0.7656	0.8959	0.4860	0.9152	0.9072	0.9087
34.7	0.6017	0.9994	0.8439	0.9091	0.6217	0.9365	0.9299	0.9185
34.8	0.4236	0.9993	0.7849	0.8894	0.6561	0.9165	0.9111	0.8720
34.9	0.4827	0.9994	0.8128	0.9280	0.7895	0.9163	0.9402	0.8883
35.0	0.6384	0.9994	0.8333	0.9468	0.8584	0.9220	0.9562	0.9025
35.1	0.7666	0.9996	0.8513	0.9573	0.8791	0.9267	0.9635	0.9175
35.2	0.8404	0.9997	0.8276	0.9654	0.8924	0.9148	0.9699	0.9346
35.3	0.8194	0.9996	0.7031	0.9490	0.8389	0.8557	0.9539	0.8990
35.4	0.8325	0.9995	0.7396	0.9437	0.8862	0.8484	0.9526	0.8908
35.5	0.8244	0.9996	0.7407	0.9498	0.8781	0.8484	0.9572	0.8954
35.6	0.7425	0.9994	0.6342	0.9538	0.8482	0.7392	0.9570	0.8283
35.7	0.8405	0.9995	0.7024	0.9705	0.8951	0.8235	0.9716	0.9031
35.8	0.8998	0.9996	0.7205	0.9744	0.9028	0.8322	0.9748	0.9175
35.9	0.8875	0.9996	0.7549	0.9711	0.9382	0.8210	0.9723	0.9077
36.0	0.9162	0.9998	0.8101	0.9815	0.9629	0.8697	0.9824	0.9384
36.1	0.8792	0.9996	0.7656	0.9763	0.9481	0.8435	0.9770	0.9107
36.2	0.8779	0.9996	0.8303	0.9706	0.9555	0.8662	0.9707	0.9139
36.3	0.8779	0.9995	0.8516	0.9645	0.9608	0.8678	0.9657	0.9219
36.4	0.8852	0.9995	0.8790	0.9675	0.9645	0.9010	0.9655	0.9377
36.5	0.8996	0.9997	0.8731	0.9755	0.9677	0.9002	0.9741	0.9439
36.6	0.8985	0.9997	0.8829	0.9675	0.9677	0.8879	0.9712	0.9371
36.7	0.9037	0.9995	0.8923	0.9621	0.9708	0.8874	0.9680	0.9285
36.8	0.8934	0.9994	0.9073	0.9658	0.9717	0.8932	0.9666	0.9261
36.9	0.9110	0.9995	0.9053	0.9622	0.9718	0.8943	0.9639	0.9266
37.0	0.9138	0.9996	0.8888	0.9667	0.9738	0.8765	0.9680	0.9111
37.1	0.9082	0.9995	0.9069	0.9581	0.9722	0.8587	0.9542	0.9140
37.2	0.8873	0.9995	0.9241	0.9588	0.9757	0.8888	0.9539	0.9252
37.3	0.8776	0.9994	0.8071	0.9642	0.9433	0.7691	0.9657	0.8660
37.4	0.8751	0.9987	0.5821	0.9594	0.8229	0.3912	0.9583	0.5839
37.5	0.9231	0.9994	0.7386	0.9576	0.9145	0.6390	0.9635	0.7527
37.6	0.9225	0.9997	0.9088	0.9608	0.9809	0.8726	0.9682	0.9139
37.7	0.8714	0.9996	0.9071	0.9408	0.9773	0.8732	0.9356	0.8773
37.8	0.9257	0.9996	0.9280	0.9629	0.9828	0.8846	0.9513	0.9028
37.9	0.9189	0.9996	0.9287	0.9683	0.9824	0.8896	0.9610	0.9419
38.0	0.8845	0.9996	0.9151	0.9458	0.9773	0.8601	0.9438	0.9161
38.1	0.8605	0.9997	0.9294	0.9473	0.9765	0.8593	0.9429	0.9394
38.2	0.8777	0.9997	0.9291	0.9513	0.9741	0.8994	0.9514	0.9449
38.3	0.8673	0.9997	0.9220	0.9541	0.9739	0.9080	0.9446	0.9449
38.4	0.8582	0.9997	0.9126	0.9491	0.9748	0.9172	0.9486	0.9536
38.5	0.8509	0.9997	0.9151	0.9444	0.9799	0.9148	0.9491	0.9587
38.6	0.8290	0.9996	0.9212	0.9365	0.9746	0.8921	0.9356	0.9510
38.7	0.7949	0.9995	0.9059	0.9253	0.9681	0.8831	0.9211	0.9318
38.8	0.8295	0.9997	0.9105	0.9397	0.9785	0.9169	0.9423	0.9448
38.9	0.8628	0.9996	0.9159	0.9515	0.9834	0.9154	0.9492	0.9604
39.0	0.8763	0.9997	0.9275	0.9589	0.9833	0.9195	0.9537	0.9601
39.1	0.8815	0.9997	0.9347	0.9535	0.9852	0.9171	0.9541	0.9648
39.2	0.8436	0.9997	0.9159	0.9533	0.9893	0.9033	0.9530	0.9697
39.3	0.7489	0.9997	0.9058	0.9373	0.9859	0.8721	0.9360	0.9731
39.4	0.7312	0.9997	0.8822	0.9359	0.9796	0.8493	0.9347	0.9603
39.5	0.7164	0.9997	0.8745	0.9317	0.9832	0.7921	0.9353	0.9652
39.6	0.7977	0.9997	0.9165	0.9482	0.9893	0.8141	0.9511	0.9737
39.7	0.8142	0.9997	0.9355	0.9422	0.9836	0.8298	0.9365	0.9705
39.8	0.8071	0.9997	0.9239	0.9021	0.9734	0.7929	0.9104	0.9614
39.9	0.8373	0.9997	0.9314	0.9395	0.9848	0.7574	0.9539	0.9731
40.0	0.8159	0.9997	0.9156	0.9487	0.9866	0.6620	0.9496	0.9755
40.1	0.8337	0.9997	0.9152	0.9548	0.9893	0.6298	0.9516	0.9852
40.2	0.8076	0.9996	0.8937	0.9378	0.9782	0.4944	0.9331	0.9754
40.3	0.8023	0.9998	0.8931	0.9459	0.9806	0.5215	0.9472	0.9790
40.4	0.7739	0.9998	0.9061	0.9564	0.9745	0.3933	0.9627	0.9779
40.5	0.7197	0.9997	0.9133	0.9618	0.9770	0.1839	0.9642	0.9820
40.6	0.7803	0.9997	0.9190	0.9661	0.9821	0.0648	0.9740	0.9868
40.7	0.7706	0.9996	0.8531	0.9542	0.9697	0.0078	0.9636	0.9871
40.8	0.7787	0.9996	0.8712	0.9677	0.9702	0.0177	0.9677	0.9833
40.9	0.7505	0.9996	0.8493	0.9592	0.9604	0.0087	0.9549	0.9814
41.0	0.8413	0.9997	0.8283	0.9637	0.9552	0.1432	0.9569	0.9795
41.1	0.8465	0.9997	0.8186	0.9698	0.9571	0.3007	0.9644	0.9779
41.2	0.8335	0.9997	0.8579	0.9631	0.9501	0.1679	0.9640	0.9840
41.3	0.8332	0.9997	0.8520	0.9638	0.9450	0.2728	0.9632	0.9872
41.4	0.8384	0.9997	0.7940	0.9541	0.9475	0.5293	0.9571	0.9840
41.5	0.8214	0.9998	0.7954	0.9564	0.9421	0.5674	0.9511	0.9812
41.6	0.8417	0.9997	0.8468	0.9514	0.9502	0.5839	0.9397	0.9857
41.7	0.8409	0.9998	0.8711	0.9721	0.9583	0.6874	0.9666	0.9847
41.8	0.8187	0.9998	0.8458	0.9790	0.9550	0.7773	0.9765	0.9847
41.9	0.8042	0.9997	0.8246	0.9790	0.9499	0.8006	0.9770	0.9800
42.0	0.8121	0.9997	0.8313	0.9797	0.9611	0.8472	0.9767	0.9804
42.1	0.7835	0.9997	0.8470	0.9748	0.9552	0.8342	0.9711	0.9799
42.2	0.6704	0.9997	0.8527	0.9678	0.9385	0.8462	0.9642	0.9734
42.3	0.6919	0.9997	0.8616	0.9646	0.9519	0.9192	0.9618	0.9790

42.4	0.7007	0.9997	0.8001	0.9658	0.9399	0.8987	0.9639	0.9726
42.5	0.6729	0.9997	0.8028	0.9736	0.9400	0.9105	0.9706	0.9731
42.6	0.5457	0.9996	0.8210	0.9418	0.9184	0.8752	0.9409	0.9555
42.7	0.6376	0.9997	0.8251	0.9523	0.9459	0.8740	0.9469	0.9736
42.8	0.6471	0.9997	0.8576	0.9694	0.9594	0.9164	0.9667	0.9799
42.9	0.5494	0.9997	0.8736	0.9666	0.9589	0.9373	0.9648	0.9737
43.0	0.5184	0.9998	0.8504	0.9603	0.9539	0.9310	0.9569	0.9787
43.1	0.4912	0.9997	0.8319	0.9616	0.9387	0.9236	0.9656	0.9795
43.2	0.4683	0.9997	0.8465	0.9572	0.9237	0.9221	0.9589	0.9760
43.3	0.4634	0.9997	0.8739	0.9634	0.9479	0.9125	0.9647	0.9827
43.4	0.4891	0.9997	0.9323	0.9744	0.9605	0.9220	0.9716	0.9823
43.5	0.4957	0.9997	0.9544	0.9754	0.9705	0.9315	0.9736	0.9857
43.6	0.4113	0.9997	0.9423	0.9733	0.9645	0.9345	0.9741	0.9843
43.7	0.5101	0.9998	0.9507	0.9749	0.9649	0.9480	0.9767	0.9850
43.8	0.5928	0.9998	0.9495	0.9760	0.9603	0.9373	0.9759	0.9837
43.9	0.4548	0.9997	0.9456	0.9778	0.9514	0.9438	0.9777	0.9814
44.0	0.4404	0.9997	0.9599	0.9837	0.9648	0.9488	0.9833	0.9881
44.1	0.5095	0.9997	0.9547	0.9800	0.9642	0.9325	0.9817	0.9870
44.2	0.3193	0.9997	0.9566	0.9834	0.9753	0.9483	0.9828	0.9896
44.3	0.2617	0.9998	0.9580	0.9765	0.9702	0.9439	0.9753	0.9826
44.4	0.3903	0.9997	0.9393	0.9633	0.9350	0.9183	0.9622	0.9420
44.5	0.3463	0.9997	0.9265	0.9709	0.9272	0.9359	0.9713	0.9358
44.6	0.4172	0.9997	0.9090	0.9755	0.9333	0.9510	0.9727	0.9725
44.7	0.4487	0.9998	0.8980	0.9549	0.9185	0.9411	0.9518	0.9720
44.8	0.3168	0.9997	0.8727	0.9108	0.9337	0.9266	0.9097	0.9713
44.9	0.3046	0.9996	0.9100	0.9452	0.9390	0.9297	0.9418	0.9853
45.0	0.0215	0.9996	0.9209	0.9539	0.9570	0.9186	0.9469	0.9846
45.1	0.0340	0.9996	0.9507	0.9658	0.9615	0.9387	0.9621	0.9861
45.2	0.2317	0.9996	0.9563	0.9511	0.9554	0.9113	0.9496	0.9840
45.3	0.1673	0.9997	0.9414	0.9509	0.9572	0.9261	0.9516	0.9853
45.4	0.0190	0.9997	0.9326	0.9714	0.9647	0.9432	0.9723	0.9906
45.5	0.1461	0.9998	0.9436	0.9699	0.9650	0.9290	0.9734	0.9849
45.6	0.1818	0.9998	0.9749	0.9708	0.9703	0.9397	0.9719	0.9790
45.7	0.0025	0.9997	0.9648	0.9588	0.9473	0.9413	0.9587	0.9765
45.8	0.0947	0.9996	0.9565	0.9604	0.9480	0.9510	0.9594	0.9856
45.9	0.1448	0.9997	0.9690	0.9833	0.9534	0.9627	0.9818	0.9918
46.0	0.3611	0.9997	0.9476	0.9638	0.9415	0.9447	0.9618	0.9725
46.1	0.3585	0.9996	0.9255	0.9363	0.9107	0.9164	0.9386	0.9508
46.2	0.0939	0.9996	0.9533	0.9619	0.9516	0.9558	0.9615	0.9816
46.3	0.0469	0.9996	0.9642	0.9749	0.9422	0.9461	0.9738	0.9745
46.4	0.2031	0.9996	0.9467	0.9498	0.9226	0.9289	0.9502	0.9456
46.5	0.5510	0.9996	0.9283	0.8747	0.8850	0.9133	0.8757	0.9311
46.6	0.7307	0.9996	0.9379	0.6665	0.8271	0.9116	0.6724	0.9524
46.7	0.7600	0.9996	0.9705	0.8381	0.8693	0.9188	0.8427	0.9613
46.8	0.7344	0.9995	0.9600	0.9158	0.9347	0.8936	0.9166	0.9528
46.9	0.7526	0.9997	0.9645	0.9699	0.9725	0.9207	0.9697	0.9792
47.0	0.7609	0.9996	0.9745	0.9770	0.9543	0.9166	0.9752	0.9590
47.1	0.7624	0.9996	0.9689	0.9365	0.8731	0.9222	0.9311	0.9305
47.2	0.7910	0.9996	0.9533	0.8894	0.8098	0.8304	0.8892	0.8577
47.3	0.8206	0.9997	0.9626	0.9453	0.9272	0.7825	0.9487	0.9314
47.4	0.8297	0.9997	0.9749	0.9707	0.9582	0.9264	0.9740	0.9804
47.5	0.7573	0.9996	0.9790	0.9824	0.9696	0.9454	0.9836	0.9784
47.6	0.6514	0.9995	0.9599	0.9663	0.9366	0.9260	0.9654	0.9412
47.7	0.6954	0.9995	0.9497	0.9594	0.9300	0.9345	0.9586	0.9290
47.8	0.7299	0.9994	0.9221	0.9454	0.8890	0.9103	0.9419	0.8731
47.9	0.7375	0.9995	0.8796	0.9042	0.8061	0.8527	0.9008	0.7605
48.0	0.6636	0.9995	0.8801	0.9272	0.8829	0.8619	0.9201	0.8214
48.1	0.6354	0.9994	0.9151	0.9138	0.8876	0.9072	0.9112	0.8562
48.2	0.7279	0.9994	0.9122	0.9200	0.9331	0.9121	0.9181	0.9003
48.3	0.6602	0.9994	0.9394	0.9606	0.9704	0.9629	0.9571	0.9493
48.4	0.5486	0.9994	0.9302	0.9612	0.9429	0.9657	0.9598	0.9302
48.5	0.6072	0.9994	0.8749	0.9185	0.9034	0.9301	0.9054	0.8529
48.6	0.6776	0.9995	0.9453	0.9630	0.9682	0.9537	0.9556	0.9600
48.7	0.7554	0.9996	0.9676	0.9749	0.9869	0.9671	0.9716	0.9767
48.8	0.6987	0.9995	0.9427	0.9649	0.9791	0.9492	0.9604	0.9086
48.9	0.5276	0.9994	0.8252	0.8904	0.9379	0.9113	0.8695	0.7134
49.0	0.7389	0.9994	0.8808	0.9369	0.9649	0.9454	0.9261	0.9259
49.1	0.7239	0.9996	0.9420	0.9603	0.9754	0.9647	0.9549	0.9628
49.2	0.6996	0.9993	0.9560	0.9686	0.9755	0.9510	0.9681	0.9638
49.3	0.7305	0.9994	0.9748	0.9855	0.9889	0.9715	0.9834	0.9725
49.4	0.7497	0.9996	0.9774	0.9843	0.9822	0.9722	0.9828	0.9587
49.5	0.7339	0.9995	0.9789	0.9631	0.9812	0.9504	0.9599	0.9573
49.6	0.7838	0.9994	0.9730	0.9588	0.9837	0.9487	0.9529	0.9585
49.7	0.8203	0.9995	0.9721	0.9814	0.9858	0.9574	0.9784	0.9652
49.8	0.8127	0.9993	0.9764	0.9764	0.9800	0.9611	0.9717	0.9606
49.9	0.7359	0.9994	0.9684	0.9317	0.9369	0.9314	0.9259	0.9088
50.0	0.7468	0.9995	0.9658	0.9144	0.9183	0.8933	0.9087	0.8792
50.1	0.8113	0.9995	0.9833	0.9789	0.9827	0.9630	0.9770	0.9698
50.2	0.7799	0.9996	0.9844	0.9817	0.9877	0.9668	0.9813	0.9836
50.3	0.6645	0.9995	0.9781	0.9743	0.9880	0.9562	0.9721	0.9811
50.4	0.4498	0.9996	0.9720	0.9676	0.9850	0.9387	0.9646	0.9702
50.5	0.4901	0.9995	0.9819	0.9803	0.9889	0.9587	0.9807	0.9829
50.6	0.5018	0.9994	0.9819	0.9881	0.9897	0.9651	0.9867	0.9854
50.7	0.3930	0.9994	0.9854	0.9884	0.9884	0.9668	0.9878	0.9860
50.8	0.4237	0.9995	0.9865	0.9877	0.9888	0.9644	0.9880	0.9839
50.9	0.0701	0.9995	0.9839	0.9749	0.9778	0.9484	0.9754	0.9748

51.0	0.3424	0.9995	0.9735	0.9345	0.9572	0.9047	0.9383	0.9452
51.1	0.5488	0.9994	0.9476	0.9293	0.9352	0.8820	0.9291	0.9262
51.2	0.6536	0.9995	0.9709	0.9566	0.9639	0.9373	0.9549	0.9493
51.3	0.3464	0.9994	0.9744	0.9554	0.9638	0.9287	0.9540	0.9375
51.4	0.2161	0.9992	0.9845	0.9741	0.9770	0.9458	0.9742	0.9637
51.5	0.5074	0.9993	0.9733	0.9291	0.9515	0.9107	0.9295	0.9419
51.6	0.7801	0.9992	0.9623	0.9323	0.9487	0.9109	0.9332	0.9412
51.7	0.8408	0.9996	0.9813	0.9704	0.9776	0.9612	0.9700	0.9717
51.8	0.8928	0.9996	0.9834	0.9752	0.9790	0.9608	0.9755	0.9783
51.9	0.8291	0.9995	0.9630	0.9503	0.9662	0.9311	0.9499	0.9483
52.0	0.8065	0.9994	0.9606	0.9487	0.9625	0.9307	0.9502	0.9475
52.1	0.7981	0.9996	0.9847	0.9779	0.9869	0.9673	0.9773	0.9785
52.2	0.7662	0.9995	0.9925	0.9894	0.9944	0.9807	0.9889	0.9916
52.3	0.7355	0.9995	0.9854	0.9854	0.9837	0.9837	0.9851	0.9810
52.4	0.7156	0.9995	0.9729	0.9591	0.9539	0.9539	0.9567	0.9368
52.5	0.4097	0.9992	0.9739	0.9584	0.9420	0.9526	0.9557	0.9257
52.6	0.7161	0.9994	0.9786	0.9730	0.9593	0.9700	0.9721	0.9551
52.7	0.8783	0.9993	0.9408	0.8869	0.8673	0.8997	0.8846	0.8667
52.8	0.9154	0.9989	0.9167	0.8778	0.8750	0.8774	0.8776	0.8745
52.9	0.9012	0.9991	0.9678	0.9626	0.9693	0.9618	0.9627	0.9629
53.0	0.9005	0.9995	0.9935	0.9924	0.9940	0.9895	0.9923	0.9912
53.1	0.9239	0.9995	0.9962	0.9958	0.9965	0.9911	0.9960	0.9958
53.2	0.9308	0.9995	0.9918	0.9897	0.9905	0.9858	0.9897	0.9919
53.3	0.8887	0.9994	0.9904	0.9845	0.9816	0.9720	0.9847	0.9836
53.4	0.8845	0.9994	0.9851	0.9838	0.9713	0.9717	0.9836	0.9789
53.5	0.8277	0.9996	0.9730	0.9567	0.9443	0.9709	0.9565	0.9366
53.6	0.8727	0.9995	0.9705	0.9370	0.9357	0.9583	0.9356	0.9169
53.7	0.9022	0.9994	0.9766	0.9588	0.9475	0.9555	0.9589	0.9513
53.8	0.9339	0.9994	0.9741	0.9673	0.9510	0.9572	0.9682	0.9598
53.9	0.9611	0.9994	0.9788	0.9752	0.9654	0.9660	0.9755	0.9648
54.0	0.9544	0.9992	0.9809	0.9772	0.9737	0.9670	0.9768	0.9705
54.1	0.8832	0.9991	0.9651	0.9617	0.9613	0.9528	0.9606	0.9573
54.2	0.8636	0.9991	0.9456	0.9409	0.9440	0.9284	0.9403	0.9296
54.3	0.9398	0.9994	0.9810	0.9788	0.9777	0.9744	0.9791	0.9721
54.4	0.9537	0.9995	0.9884	0.9879	0.9899	0.9858	0.9883	0.9887
54.5	0.9732	0.9996	0.9904	0.9896	0.9903	0.9868	0.9896	0.9903
54.6	0.9655	0.9992	0.9765	0.9768	0.9709	0.9748	0.9769	0.9663
54.7	0.9713	0.9992	0.9649	0.9678	0.9423	0.9674	0.9670	0.9358
54.8	0.9671	0.9993	0.9631	0.9639	0.9373	0.9623	0.9655	0.9558
54.9	0.9637	0.9992	0.9698	0.9682	0.9537	0.9648	0.9694	0.9648
55.0	0.9705	0.9995	0.9904	0.9900	0.9874	0.9882	0.9905	0.9890
55.1	0.9706	0.9994	0.9924	0.9922	0.9920	0.9914	0.9926	0.9924
55.2	0.9613	0.9993	0.9935	0.9920	0.9941	0.9897	0.9923	0.9912
55.3	0.9455	0.9996	0.9939	0.9937	0.9935	0.9925	0.9937	0.9933
55.4	0.8912	0.9997	0.9857	0.9826	0.9813	0.9838	0.9835	0.9843
55.5	0.7686	0.9993	0.9531	0.9425	0.9360	0.9573	0.9444	0.9468
55.6	0.9160	0.9993	0.9732	0.9675	0.9631	0.9725	0.9680	0.9697
55.7	0.9611	0.9995	0.9939	0.9931	0.9913	0.9929	0.9927	0.9918
55.8	0.9599	0.9996	0.9944	0.9953	0.9953	0.9952	0.9953	0.9956
55.9	0.9473	0.9995	0.9904	0.9885	0.9875	0.9899	0.9880	0.9882
56.0	0.8596	0.9991	0.9545	0.9308	0.9066	0.9498	0.9301	0.9105
56.1	0.8962	0.9994	0.9546	0.9385	0.9249	0.9523	0.9382	0.9267
56.2	0.9619	0.9996	0.9882	0.9847	0.9830	0.9880	0.9849	0.9832
56.3	0.9510	0.9995	0.9935	0.9938	0.9940	0.9939	0.9938	0.9947
56.4	0.9281	0.9995	0.9944	0.9957	0.9956	0.9952	0.9955	0.9959
56.5	0.9367	0.9996	0.9941	0.9947	0.9955	0.9945	0.9947	0.9958
56.6	0.9396	0.9997	0.9942	0.9946	0.9961	0.9941	0.9946	0.9966
56.7	0.9415	0.9995	0.9946	0.9947	0.9962	0.9940	0.9946	0.9958
56.8	0.9514	0.9995	0.9960	0.9964	0.9970	0.9953	0.9962	0.9971
56.9	0.9226	0.9995	0.9942	0.9954	0.9960	0.9947	0.9954	0.9955
57.0	0.8995	0.9994	0.9903	0.9903	0.9907	0.9921	0.9910	0.9919
57.1	0.9116	0.9993	0.9752	0.9676	0.9308	0.9771	0.9690	0.9648
57.2	0.9226	0.9994	0.9509	0.9348	0.8792	0.9534	0.9371	0.9257
57.3	0.9563	0.9997	0.9832	0.9807	0.9712	0.9852	0.9815	0.9812
57.4	0.9536	0.9995	0.9893	0.9897	0.9884	0.9908	0.9896	0.9904
57.5	0.9554	0.9995	0.9949	0.9947	0.9964	0.9951	0.9946	0.9959
57.6	0.9405	0.9992	0.9901	0.9924	0.9936	0.9912	0.9916	0.9941
57.7	0.9599	0.9991	0.9921	0.9943	0.9967	0.9937	0.9940	0.9964
57.8	0.9650	0.9993	0.9950	0.9954	0.9973	0.9952	0.9954	0.9967
57.9	0.9512	0.9994	0.9944	0.9948	0.9962	0.9949	0.9951	0.9963
58.0	0.9609	0.9995	0.9943	0.9956	0.9970	0.9953	0.9957	0.9975
58.1	0.9434	0.9994	0.9944	0.9949	0.9969	0.9941	0.9954	0.9973
58.2	0.9335	0.9992	0.9942	0.9947	0.9963	0.9937	0.9949	0.9962
58.3	0.9270	0.9991	0.9939	0.9947	0.9953	0.9934	0.9948	0.9961
58.4	0.8290	0.9991	0.9873	0.9849	0.9879	0.9809	0.9852	0.9883
58.5	0.6595	0.9995	0.9806	0.9693	0.9756	0.9536	0.9698	0.9702
58.6	0.5775	0.9994	0.9723	0.9515	0.9637	0.9247	0.9516	0.9555
58.7	0.8489	0.9991	0.9877	0.9814	0.9859	0.9737	0.9815	0.9848
58.8	0.9648	0.9992	0.9945	0.9951	0.9962	0.9947	0.9949	0.9972
58.9	0.9299	0.9990	0.9933	0.9945	0.9959	0.9933	0.9948	0.9955
59.0	0.7806	0.9989	0.9879	0.9887	0.9932	0.9889	0.9895	0.9920
59.1	0.8836	0.9991	0.9910	0.9910	0.9932	0.9912	0.9915	0.9937
59.2	0.9612	0.9992	0.9943	0.9952	0.9959	0.9949	0.9954	0.9967
59.3	0.9674	0.9992	0.9944	0.9958	0.9964	0.9952	0.9962	0.9974
59.4	0.9624	0.9991	0.9943	0.9957	0.9967	0.9951	0.9960	0.9974
59.5	0.9610	0.9995	0.9948	0.9958	0.9973	0.9959	0.9960	0.9977

59.6	0.9557	0.9993	0.9944	0.9958	0.9971	0.9955	0.9960	0.9978
59.7	0.9588	0.9992	0.9951	0.9961	0.9964	0.9956	0.9964	0.9978
59.8	0.9410	0.9993	0.9951	0.9959	0.9951	0.9956	0.9961	0.9975
59.9	0.9305	0.9989	0.9911	0.9951	0.9944	0.9949	0.9961	0.9969
60.0	0.8670	0.9976	0.9756	0.9890	0.9953	0.9926	0.9945	0.9952
60.1	0.9263	0.9984	0.9879	0.9939	0.9953	0.9950	0.9958	0.9968
60.2	0.9527	0.9987	0.9929	0.9950	0.9952	0.9949	0.9952	0.9963
60.3	0.9628	0.9988	0.9946	0.9959	0.9957	0.9953	0.9962	0.9969
60.4	0.9685	0.9991	0.9967	0.9972	0.9967	0.9967	0.9975	0.9976
60.5	0.9608	0.9992	0.9959	0.9970	0.9973	0.9970	0.9973	0.9975
60.6	0.9635	0.9991	0.9969	0.9974	0.9968	0.9969	0.9975	0.9969
60.7	0.9465	0.9986	0.9947	0.9956	0.9943	0.9944	0.9954	0.9953
60.8	0.9557	0.9986	0.9955	0.9966	0.9963	0.9957	0.9967	0.9963
60.9	0.9645	0.9991	0.9973	0.9980	0.9979	0.9981	0.9980	0.9976
61.0	0.9670	0.9993	0.9979	0.9981	0.9983	0.9978	0.9981	0.9984
61.1	0.9508	0.9989	0.9971	0.9978	0.9966	0.9968	0.9979	0.9976
61.2	0.9611	0.9988	0.9968	0.9976	0.9960	0.9968	0.9978	0.9978
61.3	0.9403	0.9983	0.9959	0.9963	0.9951	0.9950	0.9965	0.9971
61.4	0.9143	0.9983	0.9956	0.9959	0.9960	0.9953	0.9962	0.9967
61.5	0.8992	0.9981	0.9959	0.9955	0.9953	0.9942	0.9957	0.9966
61.6	0.9210	0.9986	0.9966	0.9965	0.9955	0.9952	0.9967	0.9966
61.7	0.8911	0.9984	0.9968	0.9971	0.9965	0.9959	0.9970	0.9968
61.8	0.8505	0.9985	0.9968	0.9970	0.9970	0.9966	0.9970	0.9973
61.9	0.7773	0.9985	0.9972	0.9971	0.9965	0.9965	0.9972	0.9970
62.0	0.8176	0.9989	0.9970	0.9968	0.9965	0.9962	0.9969	0.9971
62.1	0.8628	0.9989	0.9976	0.9971	0.9975	0.9967	0.9970	0.9975
62.2	0.8144	0.9988	0.9976	0.9975	0.9971	0.9973	0.9976	0.9980
62.3	0.7725	0.9979	0.9970	0.9968	0.9965	0.9959	0.9967	0.9975
62.4	0.7790	0.9980	0.9972	0.9968	0.9965	0.9962	0.9969	0.9979
62.5	0.7193	0.9984	0.9975	0.9972	0.9969	0.9967	0.9973	0.9976
62.6	0.6463	0.9980	0.9969	0.9969	0.9960	0.9961	0.9969	0.9965
62.7	0.5689	0.9977	0.9959	0.9958	0.9946	0.9949	0.9959	0.9958
62.8	0.5857	0.9979	0.9969	0.9961	0.9960	0.9955	0.9962	0.9969
62.9	0.6818	0.9981	0.9981	0.9978	0.9971	0.9971	0.9978	0.9972
63.0	0.7826	0.9977	0.9978	0.9971	0.9963	0.9968	0.9972	0.9978
63.1	0.7519	0.9976	0.9972	0.9963	0.9960	0.9955	0.9964	0.9973
63.2	0.8071	0.9982	0.9983	0.9975	0.9974	0.9965	0.9975	0.9982
63.3	0.8186	0.9986	0.9982	0.9974	0.9976	0.9970	0.9975	0.9986
63.4	0.7748	0.9979	0.9974	0.9970	0.9971	0.9960	0.9973	0.9983
63.5	0.7814	0.9976	0.9963	0.9957	0.9955	0.9948	0.9961	0.9977
63.6	0.8550	0.9979	0.9973	0.9971	0.9966	0.9963	0.9974	0.9982
63.7	0.8591	0.9971	0.9967	0.9965	0.9960	0.9955	0.9968	0.9976
63.8	0.8944	0.9978	0.9976	0.9967	0.9967	0.9953	0.9968	0.9978
63.9	0.9018	0.9975	0.9975	0.9965	0.9967	0.9953	0.9966	0.9976
64.0	0.9102	0.9972	0.9970	0.9969	0.9962	0.9962	0.9970	0.9974
64.1	0.9109	0.9965	0.9957	0.9959	0.9942	0.9944	0.9960	0.9970
64.2	0.8607	0.9963	0.9962	0.9954	0.9943	0.9946	0.9955	0.9972
64.3	0.8657	0.9969	0.9966	0.9960	0.9953	0.9953	0.9961	0.9978
64.4	0.8591	0.9968	0.9953	0.9958	0.9946	0.9953	0.9959	0.9978
64.5	0.8422	0.9973	0.9967	0.9968	0.9960	0.9968	0.9969	0.9974
64.6	0.8461	0.9973	0.9966	0.9959	0.9962	0.9963	0.9959	0.9970
64.7	0.8014	0.9967	0.9964	0.9959	0.9956	0.9954	0.9959	0.9966
64.8	0.7689	0.9957	0.9956	0.9957	0.9946	0.9946	0.9958	0.9958
64.9	0.7202	0.9951	0.9942	0.9947	0.9933	0.9950	0.9949	0.9951
65.0	0.8007	0.9972	0.9969	0.9970	0.9961	0.9967	0.9972	0.9975
65.1	0.7823	0.9960	0.9948	0.9957	0.9933	0.9949	0.9961	0.9971
65.2	0.7555	0.9961	0.9942	0.9953	0.9936	0.9950	0.9955	0.9964
65.3	0.6279	0.9963	0.9945	0.9958	0.9933	0.9956	0.9959	0.9961
65.4	0.5652	0.9963	0.9944	0.9953	0.9934	0.9956	0.9954	0.9965
65.5	0.4927	0.9968	0.9954	0.9961	0.9949	0.9963	0.9961	0.9974
65.6	0.5252	0.9970	0.9956	0.9960	0.9950	0.9956	0.9960	0.9974
65.7	0.5105	0.9968	0.9944	0.9943	0.9949	0.9943	0.9943	0.9970
65.8	0.6689	0.9962	0.9934	0.9949	0.9939	0.9948	0.9950	0.9964
65.9	0.7278	0.9942	0.9904	0.9928	0.9898	0.9933	0.9931	0.9943
66.0	0.7912	0.9928	0.9882	0.9907	0.9877	0.9919	0.9909	0.9928
66.1	0.8809	0.9961	0.9924	0.9933	0.9928	0.9949	0.9934	0.9958
66.2	0.9236	0.9968	0.9939	0.9934	0.9938	0.9955	0.9935	0.9961
66.3	0.9303	0.9962	0.9928	0.9931	0.9935	0.9943	0.9934	0.9951
66.4	0.9422	0.9975	0.9943	0.9939	0.9958	0.9949	0.9940	0.9957
66.5	0.9497	0.9969	0.9922	0.9929	0.9939	0.9945	0.9929	0.9947
66.6	0.9544	0.9972	0.9930	0.9909	0.9938	0.9945	0.9909	0.9947
66.7	0.9695	0.9972	0.9934	0.9948	0.9938	0.9955	0.9948	0.9962
66.8	0.9778	0.9972	0.9932	0.9942	0.9946	0.9946	0.9944	0.9968
66.9	0.9816	0.9969	0.9926	0.9937	0.9940	0.9939	0.9938	0.9959
67.0	0.9752	0.9961	0.9907	0.9917	0.9924	0.9938	0.9917	0.9949
67.1	0.9743	0.9971	0.9905	0.9902	0.9943	0.9944	0.9902	0.9966
67.2	0.9842	0.9977	0.9922	0.9924	0.9954	0.9936	0.9923	0.9962
67.3	0.9798	0.9973	0.9903	0.9905	0.9942	0.9912	0.9902	0.9936
67.4	0.9828	0.9979	0.9925	0.9911	0.9954	0.9939	0.9909	0.9952
67.5	0.9831	0.9971	0.9907	0.9894	0.9941	0.9932	0.9895	0.9959
67.6	0.9867	0.9976	0.9913	0.9919	0.9942	0.9923	0.9921	0.9952
67.7	0.9842	0.9980	0.9924	0.9925	0.9953	0.9939	0.9925	0.9947
67.8	0.9885	0.9977	0.9911	0.9903	0.9961	0.9934	0.9906	0.9958
67.9	0.9902	0.9978	0.9912	0.9919	0.9958	0.9934	0.9921	0.9955
68.0	0.9877	0.9973	0.9886	0.9912	0.9953	0.9928	0.9910	0.9952
68.1	0.9893	0.9975	0.9889	0.9923	0.9945	0.9930	0.9921	0.9956

68.2	0.9887	0.9976	0.9897	0.9898	0.9939	0.9922	0.9893	0.9948
68.3	0.9898	0.9984	0.9924	0.9890	0.9957	0.9941	0.9889	0.9947
68.4	0.9893	0.9979	0.9922	0.9879	0.9948	0.9942	0.9876	0.9946
68.5	0.9915	0.9981	0.9935	0.9871	0.9949	0.9945	0.9863	0.9958
68.6	0.9926	0.9982	0.9928	0.9901	0.9956	0.9945	0.9898	0.9965
68.7	0.9914	0.9982	0.9935	0.9869	0.9963	0.9949	0.9861	0.9954
68.8	0.9929	0.9986	0.9944	0.9899	0.9973	0.9946	0.9896	0.9962
68.9	0.9902	0.9988	0.9950	0.9893	0.9967	0.9946	0.9890	0.9961
69.0	0.9862	0.9980	0.9922	0.9832	0.9946	0.9936	0.9818	0.9947
69.1	0.9902	0.9982	0.9937	0.9819	0.9957	0.9946	0.9804	0.9953
69.2	0.9928	0.9986	0.9938	0.9802	0.9964	0.9942	0.9798	0.9960
69.3	0.9923	0.9987	0.9946	0.9852	0.9958	0.9947	0.9852	0.9961
69.4	0.9890	0.9984	0.9945	0.9769	0.9950	0.9949	0.9761	0.9950
69.5	0.9892	0.9985	0.9940	0.9717	0.9955	0.9932	0.9702	0.9953
69.6	0.9870	0.9987	0.9937	0.9740	0.9959	0.9943	0.9715	0.9958
69.7	0.9898	0.9987	0.9916	0.9620	0.9952	0.9952	0.9581	0.9959
69.8	0.9888	0.9987	0.9917	0.9462	0.9951	0.9942	0.9433	0.9953
69.9	0.9905	0.9988	0.9929	0.9545	0.9959	0.9955	0.9527	0.9964
70.0	0.9934	0.9990	0.9935	0.9501	0.9967	0.9943	0.9480	0.9953
70.1	0.9927	0.9987	0.9919	0.9422	0.9963	0.9924	0.9401	0.9944
70.2	0.9896	0.9983	0.9916	0.9093	0.9943	0.9920	0.9053	0.9935
70.3	0.9920	0.9989	0.9943	0.8945	0.9956	0.9941	0.8949	0.9952
70.4	0.9920	0.9991	0.9922	0.8901	0.9961	0.9922	0.8965	0.9955
70.5	0.9905	0.9988	0.9914	0.9013	0.9944	0.9912	0.9091	0.9925
70.6	0.9922	0.9991	0.9926	0.9095	0.9953	0.9933	0.9140	0.9942
70.7	0.9918	0.9988	0.9906	0.9143	0.9948	0.9899	0.9236	0.9924
70.8	0.9880	0.9982	0.9861	0.8634	0.9910	0.9835	0.8772	0.9889
70.9	0.9867	0.9983	0.9887	0.8809	0.9940	0.9870	0.8951	0.9872
71.0	0.9877	0.9981	0.9888	0.9215	0.9944	0.9878	0.9359	0.9875
71.1	0.9895	0.9989	0.9881	0.9217	0.9951	0.9896	0.9329	0.9923
71.2	0.9888	0.9987	0.9844	0.9209	0.9917	0.9876	0.9319	0.9881
71.3	0.9900	0.9986	0.9866	0.9562	0.9917	0.9880	0.9611	0.9872
71.4	0.9890	0.9989	0.9897	0.9528	0.9938	0.9903	0.9596	0.9908
71.5	0.9891	0.9989	0.9903	0.9565	0.9940	0.9833	0.9606	0.9843
71.6	0.9905	0.9990	0.9901	0.9624	0.9931	0.9857	0.9645	0.9857
71.7	0.9900	0.9991	0.9904	0.9730	0.9931	0.9884	0.9742	0.9855
71.8	0.9872	0.9987	0.9876	0.9640	0.9916	0.9844	0.9671	0.9804
71.9	0.9838	0.9984	0.9823	0.9612	0.9872	0.9843	0.9644	0.9793
72.0	0.9858	0.9986	0.9841	0.9729	0.9874	0.9817	0.9748	0.9779
72.1	0.9839	0.9986	0.9863	0.9752	0.9880	0.9820	0.9772	0.9742
72.2	0.9862	0.9989	0.9880	0.9756	0.9872	0.9865	0.9775	0.9782
72.3	0.9877	0.9987	0.9887	0.9769	0.9866	0.9802	0.9779	0.9698
72.4	0.9924	0.9988	0.9900	0.9826	0.9860	0.9830	0.9834	0.9751
72.5	0.9919	0.9992	0.9905	0.9843	0.9858	0.9895	0.9854	0.9835
72.6	0.9905	0.9993	0.9888	0.9786	0.9845	0.9864	0.9796	0.9795
72.7	0.9897	0.9992	0.9872	0.9794	0.9844	0.9860	0.9804	0.9781
72.8	0.9897	0.9990	0.9864	0.9812	0.9774	0.9874	0.9823	0.9733
72.9	0.9867	0.9989	0.9841	0.9799	0.9728	0.9810	0.9801	0.9673
73.0	0.9860	0.9989	0.9822	0.9737	0.9681	0.9790	0.9754	0.9696
73.1	0.9874	0.9991	0.9845	0.9833	0.9714	0.9870	0.9849	0.9769
73.2	0.9909	0.9991	0.9857	0.9866	0.9739	0.9842	0.9874	0.9732
73.3	0.9842	0.9987	0.9810	0.9760	0.9594	0.9712	0.9767	0.9592
73.4	0.9821	0.9989	0.9852	0.9778	0.9628	0.9712	0.9790	0.9596
73.5	0.9757	0.9985	0.9770	0.9769	0.9423	0.9686	0.9785	0.9544
73.6	0.9830	0.9988	0.9823	0.9828	0.9430	0.9726	0.9825	0.9617
73.7	0.9855	0.9989	0.9865	0.9838	0.9537	0.9772	0.9834	0.9704
73.8	0.9858	0.9989	0.9875	0.9856	0.9486	0.9757	0.9848	0.9662
73.9	0.9843	0.9988	0.9843	0.9858	0.9336	0.9749	0.9861	0.9666
74.0	0.9804	0.9984	0.9755	0.9831	0.9204	0.9740	0.9838	0.9675
74.1	0.9847	0.9985	0.9706	0.9808	0.8994	0.9677	0.9797	0.9609
74.2	0.9842	0.9989	0.9763	0.9833	0.9136	0.9711	0.9818	0.9678
74.3	0.9801	0.9986	0.9666	0.9822	0.8920	0.9681	0.9824	0.9613
74.4	0.9818	0.9982	0.9623	0.9822	0.8668	0.9683	0.9819	0.9611
74.5	0.9835	0.9986	0.9650	0.9833	0.8703	0.9710	0.9832	0.9657
74.6	0.9855	0.9987	0.9678	0.9826	0.8871	0.9729	0.9828	0.9711
74.7	0.9790	0.9984	0.9544	0.9807	0.8539	0.9740	0.9819	0.9710
74.8	0.9796	0.9987	0.9598	0.9817	0.8716	0.9761	0.9822	0.9735
74.9	0.9838	0.9986	0.9576	0.9827	0.8059	0.9723	0.9824	0.9642
75.0	0.9874	0.9986	0.9625	0.9838	0.8143	0.9750	0.9829	0.9700
75.1	0.9848	0.9982	0.9650	0.9871	0.8405	0.9808	0.9866	0.9740
75.2	0.9863	0.9984	0.9645	0.9865	0.8117	0.9784	0.9861	0.9678
75.3	0.9831	0.9987	0.9596	0.9826	0.8011	0.9740	0.9825	0.9650
75.4	0.9847	0.9986	0.9614	0.9878	0.8198	0.9796	0.9878	0.9691
75.5	0.9855	0.9987	0.9555	0.9861	0.8358	0.9811	0.9865	0.9705
75.6	0.9857	0.9985	0.9473	0.9864	0.8408	0.9795	0.9862	0.9679
75.7	0.9846	0.9988	0.9512	0.9889	0.8468	0.9793	0.9882	0.9654
75.8	0.9825	0.9984	0.9521	0.9875	0.8237	0.9769	0.9871	0.9581
75.9	0.9833	0.9983	0.9511	0.9860	0.8216	0.9728	0.9847	0.9521
76.0	0.9842	0.9988	0.9477	0.9885	0.8443	0.9769	0.9874	0.9587
76.1	0.9843	0.9989	0.9476	0.9881	0.8876	0.9810	0.9876	0.9674
76.2	0.9855	0.9990	0.9396	0.9870	0.8845	0.9798	0.9867	0.9616
76.3	0.9868	0.9988	0.9428	0.9879	0.8890	0.9793	0.9879	0.9614
76.4	0.9824	0.9984	0.9317	0.9859	0.8667	0.9751	0.9851	0.9519
76.5	0.9746	0.9985	0.8976	0.9881	0.8810	0.9797	0.9876	0.9510
76.6	0.9764	0.9988	0.9063	0.9888	0.9064	0.9799	0.9880	0.9554
76.7	0.9805	0.9988	0.9139	0.9881	0.8873	0.9774	0.9873	0.9487

76.8	0.9827	0.9987	0.9078	0.9881	0.9168	0.9829	0.9883	0.9592
76.9	0.9776	0.9990	0.9138	0.9872	0.9102	0.9825	0.9885	0.9509
77.0	0.9752	0.9989	0.9139	0.9853	0.8948	0.9769	0.9861	0.9412
77.1	0.9668	0.9988	0.8866	0.9845	0.9137	0.9787	0.9855	0.9429
77.2	0.9672	0.9990	0.8965	0.9854	0.9143	0.9799	0.9862	0.9369
77.3	0.9705	0.9991	0.9162	0.9878	0.9418	0.9854	0.9892	0.9513
77.4	0.9759	0.9993	0.9400	0.9917	0.9523	0.9864	0.9922	0.9572
77.5	0.9762	0.9991	0.9414	0.9914	0.9496	0.9872	0.9920	0.9578
77.6	0.9700	0.9991	0.9334	0.9911	0.9433	0.9863	0.9920	0.9398
77.7	0.9685	0.9991	0.9360	0.9889	0.9385	0.9836	0.9896	0.9266
77.8	0.9774	0.9993	0.9529	0.9914	0.9418	0.9859	0.9921	0.9249
77.9	0.9770	0.9992	0.9571	0.9895	0.9404	0.9835	0.9909	0.9083
78.0	0.9771	0.9991	0.9597	0.9913	0.9339	0.9839	0.9922	0.8966
78.1	0.9857	0.9992	0.9745	0.9924	0.9506	0.9861	0.9924	0.8997
78.2	0.9879	0.9992	0.9714	0.9905	0.9619	0.9866	0.9912	0.9125
78.3	0.9814	0.9991	0.9548	0.9902	0.9416	0.9888	0.9918	0.8794
78.4	0.9779	0.9991	0.9526	0.9895	0.9286	0.9879	0.9916	0.8452
78.5	0.9839	0.9992	0.9652	0.9895	0.9509	0.9894	0.9918	0.8434
78.6	0.9858	0.9992	0.9720	0.9904	0.9509	0.9880	0.9922	0.8318
78.7	0.9806	0.9989	0.9590	0.9845	0.9220	0.9831	0.9883	0.7541
78.8	0.9777	0.9989	0.9630	0.9858	0.9268	0.9836	0.9889	0.7286
78.9	0.9767	0.9992	0.9609	0.9882	0.9495	0.9890	0.9905	0.7436
79.0	0.9741	0.9992	0.9570	0.9886	0.9407	0.9895	0.9913	0.4136
79.1	0.9829	0.9995	0.9752	0.9917	0.9488	0.9898	0.9928	0.0111
79.2	0.9828	0.9992	0.9737	0.9909	0.9224	0.9871	0.9930	0.3379
79.3	0.9815	0.9989	0.9689	0.9889	0.8982	0.9815	0.9914	0.3909
79.4	0.9831	0.9993	0.9770	0.9915	0.8879	0.9809	0.9922	0.6370
79.5	0.9838	0.9994	0.9821	0.9911	0.9146	0.9846	0.9922	0.7887
79.6	0.9860	0.9993	0.9758	0.9895	0.8955	0.9875	0.9912	0.8310
79.7	0.9850	0.9991	0.9719	0.9888	0.8492	0.9864	0.9909	0.8658
79.8	0.9801	0.9991	0.9792	0.9902	0.8052	0.9814	0.9915	0.9041
79.9	0.9861	0.9991	0.9844	0.9924	0.8143	0.9861	0.9939	0.9332
80.0	0.9832	0.9990	0.9802	0.9904	0.7548	0.9847	0.9924	0.9305

2.2.15 Run 2 – IP270 – Accels 17–24

In-plane shaking at 270°. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0242	0.6669	0.7516	0.4486	0.3968	0.1919	0.7314	0.9510
0.1	0.0025	0.4342	0.5854	0.1974	0.1365	0.0799	0.3770	0.7704
0.2	0.0009	0.0177	0.0240	0.0103	0.0029	0.0049	0.0320	0.0224
0.3	0.0105	0.0001	0.0028	0.0503	0.0208	0.0018	0.0092	0.0298
0.4	0.0037	0.0091	0.0141	0.0061	0.0014	0.0004	0.0254	0.0194
0.5	0.0080	0.0182	0.1221	0.0184	0.0011	0.0590	0.0381	0.0595
0.6	0.0064	0.0265	0.0174	0.0530	0.0312	0.0181	0.0441	0.0579
0.7	0.0185	0.1832	0.0027	0.0168	0.0181	0.0009	0.0168	0.4497
0.8	0.0562	0.4813	0.0184	0.0168	0.2311	0.0278	0.0169	0.7328
0.9	0.0956	0.7407	0.0171	0.0324	0.5114	0.0437	0.0856	0.8927
1.0	0.1635	0.8081	0.1135	0.1193	0.7597	0.0015	0.0899	0.9408
1.1	0.1553	0.8751	0.3536	0.2934	0.8540	0.0021	0.2172	0.9673
1.2	0.0686	0.8813	0.4495	0.2368	0.7578	0.0245	0.1708	0.9578
1.3	0.2575	0.9065	0.6198	0.2208	0.6270	0.3286	0.4371	0.8703
1.4	0.1983	0.9113	0.7299	0.2371	0.4473	0.4902	0.2240	0.6643
1.5	0.2328	0.9045	0.6711	0.3463	0.5459	0.5321	0.2924	0.7142
1.6	0.7015	0.9380	0.8776	0.7483	0.8447	0.7068	0.7431	0.9037
1.7	0.8401	0.8986	0.8501	0.8739	0.9103	0.7086	0.8826	0.9097
1.8	0.8238	0.8544	0.8397	0.8776	0.8933	0.6742	0.9167	0.8702
1.9	0.7155	0.7617	0.7971	0.7852	0.8284	0.6423	0.9004	0.7848
2.0	0.6256	0.7928	0.9064	0.3204	0.8909	0.6386	0.8644	0.8354
2.1	0.6419	0.8676	0.8748	0.2601	0.9523	0.7772	0.8801	0.9075
2.2	0.5412	0.9492	0.6021	0.4117	0.9817	0.6343	0.6034	0.9651
2.3	0.2719	0.9517	0.3819	0.3545	0.9830	0.2442	0.4639	0.9707
2.4	0.3236	0.9652	0.4164	0.4953	0.9931	0.2558	0.5354	0.9780
2.5	0.6265	0.9748	0.7293	0.8474	0.9951	0.5286	0.8630	0.9849
2.6	0.7572	0.9775	0.8744	0.9472	0.9965	0.5957	0.9618	0.9872
2.7	0.7914	0.9819	0.8807	0.9516	0.9983	0.6788	0.9758	0.9913
2.8	0.7452	0.9820	0.8327	0.9383	0.9989	0.6233	0.9767	0.9916
2.9	0.7000	0.9794	0.7626	0.9241	0.9990	0.4900	0.9702	0.9901
3.0	0.6037	0.9634	0.5480	0.8761	0.9990	0.4889	0.9424	0.9837
3.1	0.5047	0.9438	0.2785	0.7535	0.9987	0.4126	0.9155	0.9749
3.2	0.5785	0.9597	0.2384	0.7363	0.9990	0.4012	0.9373	0.9810
3.3	0.5182	0.9557	0.3078	0.6924	0.9989	0.4007	0.9109	0.9804
3.4	0.5640	0.9572	0.3427	0.6621	0.9989	0.4922	0.9125	0.9810
3.5	0.4738	0.9490	0.3010	0.5233	0.9988	0.3410	0.8967	0.9770
3.6	0.4735	0.9551	0.4753	0.4287	0.9987	0.2890	0.8990	0.9803
3.7	0.6030	0.9636	0.6553	0.4230	0.9982	0.3758	0.9098	0.9831
3.8	0.6231	0.9645	0.6255	0.5540	0.9986	0.4788	0.9182	0.9836
3.9	0.5836	0.9592	0.6091	0.5352	0.9980	0.5484	0.9020	0.9803
4.0	0.5977	0.9699	0.7190	0.5363	0.9985	0.5915	0.9221	0.9844
4.1	0.6392	0.9731	0.7292	0.5094	0.9986	0.4933	0.9204	0.9865
4.2	0.5864	0.9703	0.6246	0.5472	0.9979	0.5525	0.8938	0.9854
4.3	0.5792	0.9727	0.5584	0.6124	0.9969	0.6913	0.9002	0.9870
4.4	0.6322	0.9770	0.6830	0.5654	0.9962	0.6562	0.8705	0.9888
4.5	0.7173	0.9880	0.8111	0.6781	0.9972	0.7722	0.8907	0.9939
4.6	0.6939	0.9904	0.7670	0.6365	0.9960	0.7188	0.9038	0.9952
4.7	0.6352	0.9849	0.7321	0.5096	0.9930	0.5910	0.8239	0.9940
4.8	0.7034	0.9888	0.7675	0.5764	0.9938	0.7293	0.8450	0.9954
4.9	0.7485	0.9927	0.8044	0.6841	0.9943	0.7719	0.8736	0.9957
5.0	0.8077	0.9961	0.7977	0.6720	0.9928	0.7667	0.8867	0.9974
5.1	0.8471	0.9961	0.7352	0.7317	0.9925	0.7957	0.8941	0.9971
5.2	0.8184	0.9961	0.7476	0.7934	0.9938	0.8442	0.8877	0.9974
5.3	0.7690	0.9953	0.7165	0.7443	0.9945	0.8410	0.8899	0.9959
5.4	0.7143	0.9935	0.6503	0.6582	0.9927	0.7155	0.8280	0.9942
5.5	0.7041	0.9909	0.6506	0.5854	0.9891	0.7121	0.8483	0.9909
5.6	0.6744	0.9894	0.6987	0.4884	0.9898	0.7893	0.8434	0.9895
5.7	0.5983	0.9842	0.6449	0.4764	0.9848	0.8155	0.7939	0.9840
5.8	0.6402	0.9844	0.6537	0.5418	0.9855	0.8133	0.7768	0.9833
5.9	0.6379	0.9805	0.6664	0.5104	0.9826	0.8417	0.7141	0.9789
6.0	0.6661	0.9820	0.7083	0.5769	0.9857	0.7859	0.7970	0.9803
6.1	0.7716	0.9866	0.8408	0.5887	0.9902	0.8082	0.8307	0.9839
6.2	0.7102	0.9834	0.8041	0.6560	0.9871	0.8223	0.7786	0.9787
6.3	0.6616	0.9840	0.8562	0.7289	0.9878	0.8018	0.7945	0.9804
6.4	0.6797	0.9872	0.8918	0.7615	0.9909	0.7117	0.8473	0.9849
6.5	0.5688	0.9870	0.7462	0.6955	0.9911	0.6398	0.8368	0.9833
6.6	0.5555	0.9886	0.8214	0.7599	0.9926	0.7522	0.8866	0.9858
6.7	0.5068	0.9875	0.8278	0.8268	0.9909	0.7855	0.8703	0.9846
6.8	0.3573	0.9869	0.7837	0.8477	0.9919	0.7119	0.8467	0.9833
6.9	0.0643	0.9877	0.6879	0.8450	0.9918	0.6217	0.8527	0.9845
7.0	0.1605	0.9921	0.7163	0.8424	0.9933	0.6435	0.8984	0.9896
7.1	0.3847	0.9935	0.6902	0.7618	0.9928	0.6378	0.8524	0.9906
7.2	0.6670	0.9961	0.6955	0.7248	0.9964	0.7118	0.8090	0.9951
7.3	0.7870	0.9969	0.7091	0.6746	0.9972	0.6670	0.7617	0.9963
7.4	0.8692	0.9970	0.6872	0.6247	0.9972	0.5754	0.7615	0.9961
7.5	0.8646	0.9968	0.5037	0.5663	0.9972	0.6190	0.7492	0.9962
7.6	0.8863	0.9966	0.3043	0.4433	0.9962	0.6672	0.7843	0.9956
7.7	0.8861	0.9945	0.4259	0.4706	0.9949	0.4372	0.7595	0.9929
7.8	0.8933	0.9958	0.5875	0.6803	0.9959	0.3824	0.7875	0.9951
7.9	0.8969	0.9969	0.7208	0.7590	0.9970	0.4437	0.8326	0.9967

8.0	0.8778	0.9971	0.7501	0.6637	0.9976	0.4589	0.8542	0.9962
8.1	0.8678	0.9976	0.6700	0.7137	0.9972	0.2972	0.8299	0.9952
8.2	0.8864	0.9983	0.6393	0.7815	0.9974	0.3605	0.8502	0.9966
8.3	0.8931	0.9985	0.7563	0.7718	0.9976	0.4603	0.8894	0.9978
8.4	0.9029	0.9982	0.7770	0.7073	0.9972	0.3494	0.9025	0.9969
8.5	0.8972	0.9980	0.7493	0.7052	0.9966	0.3960	0.9044	0.9969
8.6	0.9043	0.9982	0.8046	0.7952	0.9966	0.4836	0.9179	0.9979
8.7	0.9091	0.9987	0.8153	0.8196	0.9969	0.4612	0.9369	0.9977
8.8	0.8902	0.9987	0.8505	0.8208	0.9969	0.5253	0.9362	0.9968
8.9	0.8268	0.9981	0.8176	0.8355	0.9955	0.5033	0.9398	0.9957
9.0	0.8078	0.9980	0.8401	0.8018	0.9934	0.6311	0.9024	0.9950
9.1	0.8530	0.9977	0.9114	0.8761	0.9940	0.8472	0.9095	0.9953
9.2	0.8331	0.9977	0.9199	0.8815	0.9935	0.8608	0.9328	0.9946
9.3	0.8436	0.9977	0.8909	0.8294	0.9929	0.8633	0.9340	0.9941
9.4	0.8992	0.9979	0.8847	0.7845	0.9931	0.8922	0.9190	0.9946
9.5	0.9156	0.9975	0.8638	0.6849	0.9928	0.9071	0.8984	0.9934
9.6	0.9094	0.9970	0.7915	0.4585	0.9907	0.9033	0.8610	0.9918
9.7	0.9404	0.9958	0.7893	0.3385	0.9887	0.9228	0.7944	0.9893
9.8	0.8519	0.9940	0.4327	0.3525	0.9883	0.8059	0.7378	0.9873
9.9	0.8680	0.9963	0.4175	0.6228	0.9890	0.8363	0.8575	0.9891
10.0	0.9208	0.9955	0.5135	0.7343	0.9848	0.9081	0.8518	0.9860
10.1	0.9054	0.9961	0.4957	0.8100	0.9883	0.8960	0.8770	0.9882
10.2	0.8947	0.9963	0.4174	0.8025	0.9872	0.8585	0.8770	0.9868
10.3	0.9040	0.9965	0.4091	0.8418	0.9882	0.8648	0.9029	0.9876
10.4	0.8874	0.9970	0.5254	0.8431	0.9906	0.8940	0.9177	0.9900
10.5	0.8838	0.9971	0.5039	0.8759	0.9884	0.9181	0.9345	0.9875
10.6	0.8912	0.9973	0.6692	0.9212	0.9893	0.9609	0.9540	0.9886
10.7	0.9202	0.9979	0.7741	0.9211	0.9881	0.9772	0.9591	0.9886
10.8	0.9130	0.9968	0.7802	0.9157	0.9780	0.9749	0.9430	0.9781
10.9	0.9295	0.9983	0.7673	0.9485	0.9816	0.9824	0.9571	0.9812
11.0	0.9262	0.9981	0.7705	0.9341	0.9819	0.9840	0.9528	0.9810
11.1	0.9163	0.9976	0.7359	0.9017	0.9786	0.9811	0.9459	0.9768
11.2	0.8998	0.9969	0.8398	0.8814	0.9736	0.9769	0.9357	0.9720
11.3	0.8953	0.9975	0.8503	0.8557	0.9757	0.9722	0.9340	0.9763
11.4	0.9197	0.9985	0.8546	0.8749	0.9790	0.9784	0.9373	0.9789
11.5	0.9192	0.9987	0.8065	0.8056	0.9781	0.9757	0.9489	0.9779
11.6	0.9181	0.9983	0.7824	0.7190	0.9785	0.9754	0.9409	0.9778
11.7	0.9267	0.9977	0.7539	0.4655	0.9713	0.9742	0.9110	0.9712
11.8	0.9308	0.9982	0.7891	0.2915	0.9757	0.9775	0.9332	0.9768
11.9	0.9289	0.9982	0.8119	0.1399	0.9812	0.9805	0.9367	0.9816
12.0	0.9434	0.9983	0.8308	0.2122	0.9825	0.9761	0.9237	0.9806
12.1	0.9401	0.9985	0.8835	0.5109	0.9762	0.9709	0.9484	0.9773
12.2	0.9563	0.9984	0.9103	0.7632	0.9792	0.9757	0.9620	0.9787
12.3	0.9635	0.9988	0.9383	0.8652	0.9843	0.9792	0.9655	0.9832
12.4	0.9573	0.9985	0.9354	0.8987	0.9807	0.9736	0.9649	0.9801
12.5	0.9667	0.9981	0.9172	0.8980	0.9856	0.9753	0.9650	0.9830
12.6	0.9747	0.9981	0.9330	0.9525	0.9876	0.9844	0.9705	0.9861
12.7	0.9771	0.9973	0.9450	0.9651	0.9883	0.9857	0.9743	0.9864
12.8	0.9760	0.9967	0.9442	0.9586	0.9846	0.9880	0.9684	0.9840
12.9	0.9685	0.9954	0.9400	0.9573	0.9829	0.9873	0.9636	0.9823
13.0	0.9703	0.9958	0.9444	0.9700	0.9868	0.9915	0.9663	0.9864
13.1	0.9674	0.9959	0.9312	0.9769	0.9886	0.9934	0.9611	0.9881
13.2	0.9769	0.9968	0.9383	0.9848	0.9934	0.9944	0.9427	0.9930
13.3	0.9847	0.9982	0.9596	0.9900	0.9963	0.9964	0.9575	0.9961
13.4	0.9731	0.9981	0.9691	0.9912	0.9964	0.9938	0.9371	0.9960
13.5	0.9579	0.9985	0.9765	0.9936	0.9969	0.9900	0.9278	0.9963
13.6	0.9656	0.9984	0.9712	0.9919	0.9975	0.9897	0.9073	0.9973
13.7	0.9578	0.9978	0.9748	0.9925	0.9969	0.9909	0.7787	0.9968
13.8	0.9491	0.9982	0.9745	0.9950	0.9978	0.9913	0.5555	0.9971
13.9	0.9512	0.9979	0.9806	0.9945	0.9983	0.9918	0.2270	0.9978
14.0	0.9399	0.9975	0.9786	0.9942	0.9983	0.9911	0.5326	0.9981
14.1	0.9333	0.9978	0.9825	0.9947	0.9980	0.9915	0.7732	0.9979
14.2	0.9291	0.9975	0.9818	0.9935	0.9980	0.9904	0.8286	0.9982
14.3	0.9405	0.9978	0.9811	0.9939	0.9983	0.9927	0.8464	0.9982
14.4	0.9153	0.9971	0.9838	0.9937	0.9980	0.9927	0.8556	0.9980
14.5	0.9064	0.9963	0.9838	0.9938	0.9980	0.9943	0.8514	0.9981
14.6	0.8188	0.9907	0.9732	0.9883	0.9954	0.9907	0.8606	0.9961
14.7	0.8325	0.9918	0.9787	0.9895	0.9967	0.9896	0.8952	0.9968
14.8	0.7907	0.9899	0.9569	0.9881	0.9974	0.9818	0.8815	0.9973
14.9	0.8915	0.9940	0.9721	0.9930	0.9984	0.9895	0.9013	0.9985
15.0	0.8953	0.9880	0.9481	0.9846	0.9944	0.9851	0.8368	0.9957
15.1	0.9340	0.9878	0.9321	0.9810	0.9913	0.9854	0.8170	0.9928
15.2	0.9626	0.9902	0.9348	0.9864	0.9938	0.9914	0.8140	0.9952
15.3	0.9477	0.9859	0.9233	0.9815	0.9899	0.9866	0.7560	0.9916
15.4	0.9419	0.9817	0.9310	0.9733	0.9856	0.9837	0.6202	0.9879
15.5	0.9568	0.9793	0.9305	0.9723	0.9826	0.9807	0.5064	0.9846
15.6	0.9115	0.9616	0.9216	0.9603	0.9686	0.9623	0.1867	0.9715
15.7	0.9283	0.9630	0.9343	0.9567	0.9678	0.9610	0.0495	0.9694
15.8	0.8974	0.9497	0.9292	0.9442	0.9548	0.9472	0.1754	0.9565
15.9	0.8838	0.9631	0.9494	0.9591	0.9631	0.9585	0.3045	0.9640
16.0	0.8197	0.9723	0.9634	0.9713	0.9738	0.9691	0.4687	0.9740
16.1	0.7182	0.9708	0.9618	0.9645	0.9697	0.9671	0.6630	0.9679
16.2	0.7356	0.9853	0.9749	0.9814	0.9835	0.9818	0.8359	0.9821
16.3	0.7504	0.9890	0.9807	0.9863	0.9894	0.9873	0.8575	0.9882
16.4	0.5172	0.9888	0.9787	0.9895	0.9896	0.9872	0.8949	0.9879
16.5	0.3301	0.9914	0.9546	0.9884	0.9921	0.9906	0.8960	0.9906

16.6	0.7736	0.9934	0.9632	0.9885	0.9957	0.9950	0.9232	0.9949
16.7	0.8424	0.9948	0.9582	0.9831	0.9967	0.9973	0.9224	0.9964
16.8	0.8571	0.9951	0.9415	0.9665	0.9869	0.9890	0.9110	0.9851
16.9	0.8721	0.9930	0.9392	0.9666	0.9827	0.9849	0.9123	0.9789
17.0	0.9408	0.9934	0.9543	0.9791	0.9947	0.9925	0.9380	0.9933
17.1	0.8992	0.9924	0.8883	0.9447	0.9964	0.9814	0.8648	0.9957
17.2	0.8985	0.9983	0.8682	0.9054	0.9935	0.9859	0.8543	0.9918
17.3	0.9533	0.9970	0.9255	0.9300	0.9963	0.9953	0.9261	0.9946
17.4	0.9763	0.9962	0.9577	0.9578	0.9970	0.9982	0.9609	0.9954
17.5	0.9898	0.9968	0.9725	0.9801	0.9983	0.9987	0.9774	0.9966
17.6	0.9912	0.9961	0.9688	0.9805	0.9985	0.9980	0.9769	0.9968
17.7	0.9917	0.9962	0.9706	0.9823	0.9988	0.9988	0.9807	0.9973
17.8	0.9923	0.9906	0.9742	0.9867	0.9989	0.9983	0.9843	0.9974
17.9	0.9912	0.9837	0.9727	0.9902	0.9992	0.9976	0.9854	0.9982
18.0	0.9891	0.9805	0.9566	0.9900	0.9987	0.9974	0.9782	0.9977
18.1	0.9904	0.9899	0.9690	0.9906	0.9988	0.9969	0.9849	0.9974
18.2	0.9926	0.9934	0.9753	0.9941	0.9989	0.9970	0.9900	0.9976
18.3	0.9902	0.9914	0.9725	0.9921	0.9988	0.9930	0.9871	0.9967
18.4	0.9880	0.9936	0.9758	0.9910	0.9987	0.9937	0.9896	0.9951
18.5	0.9810	0.9907	0.9748	0.9830	0.9990	0.9852	0.9887	0.9956
18.6	0.9817	0.9719	0.9614	0.9804	0.9993	0.9829	0.9903	0.9968
18.7	0.9909	0.9758	0.9750	0.9894	0.9992	0.9929	0.9932	0.9971
18.8	0.9924	0.9842	0.9834	0.9959	0.9991	0.9941	0.9932	0.9961
18.9	0.9919	0.9712	0.9767	0.9963	0.9988	0.9933	0.9910	0.9943
19.0	0.9894	0.9581	0.9684	0.9936	0.9980	0.9926	0.9894	0.9911
19.1	0.9927	0.9560	0.9679	0.9948	0.9981	0.9941	0.9895	0.9895
19.2	0.9921	0.9497	0.9638	0.9947	0.9981	0.9965	0.9906	0.9893
19.3	0.9918	0.9283	0.9634	0.9935	0.9971	0.9966	0.9897	0.9840
19.4	0.9888	0.9129	0.9629	0.9933	0.9964	0.9961	0.9870	0.9741
19.5	0.9853	0.9030	0.9390	0.9912	0.9958	0.9956	0.9833	0.9674
19.6	0.9878	0.9289	0.9422	0.9926	0.9952	0.9968	0.9841	0.9511
19.7	0.9909	0.9485	0.9615	0.9934	0.9963	0.9968	0.9856	0.9614
19.8	0.9909	0.9336	0.9700	0.9934	0.9958	0.9947	0.9858	0.9470
19.9	0.9905	0.9394	0.9659	0.9913	0.9953	0.9928	0.9823	0.9323
20.0	0.9907	0.9254	0.9590	0.9899	0.9939	0.9929	0.9811	0.8883
20.1	0.9893	0.9240	0.9560	0.9913	0.9940	0.9926	0.9744	0.8230
20.2	0.9894	0.9483	0.9650	0.9917	0.9968	0.9933	0.9827	0.8602
20.3	0.9874	0.9411	0.9573	0.9904	0.9962	0.9939	0.9837	0.8734
20.4	0.9837	0.9221	0.9412	0.9879	0.9942	0.9906	0.9762	0.8559
20.5	0.9849	0.9336	0.9303	0.9823	0.9933	0.9927	0.9793	0.8623
20.6	0.9865	0.9460	0.9350	0.9865	0.9946	0.9943	0.9816	0.9055
20.7	0.9850	0.9531	0.9393	0.9907	0.9959	0.9943	0.9755	0.9057
20.8	0.9838	0.9603	0.9421	0.9871	0.9961	0.9930	0.9793	0.9201
20.9	0.9784	0.9593	0.9274	0.9825	0.9943	0.9918	0.9767	0.9049
21.0	0.9753	0.9512	0.9201	0.9801	0.9927	0.9930	0.9722	0.8786
21.1	0.9702	0.9462	0.9279	0.9805	0.9929	0.9917	0.9728	0.8816
21.2	0.9758	0.9541	0.9412	0.9813	0.9930	0.9899	0.9773	0.9101
21.3	0.9751	0.9631	0.9346	0.9837	0.9929	0.9865	0.9820	0.9357
21.4	0.9799	0.9729	0.9445	0.9832	0.9929	0.9846	0.9825	0.9557
21.5	0.9697	0.9618	0.9192	0.9797	0.9893	0.9787	0.9673	0.9431
21.6	0.9603	0.9625	0.9200	0.9822	0.9889	0.9799	0.9748	0.9396
21.7	0.9598	0.9589	0.9406	0.9751	0.9860	0.9854	0.9678	0.9384
21.8	0.9620	0.9665	0.9510	0.9740	0.9844	0.9869	0.9663	0.9555
21.9	0.9568	0.9660	0.9544	0.9706	0.9839	0.9884	0.9703	0.9573
22.0	0.9406	0.9511	0.9489	0.9554	0.9717	0.9834	0.9542	0.9487
22.1	0.9328	0.9502	0.9549	0.9529	0.9669	0.9783	0.9472	0.9557
22.2	0.9230	0.9426	0.9588	0.9460	0.9598	0.9791	0.9387	0.9539
22.3	0.9269	0.9369	0.9527	0.9379	0.9538	0.9767	0.9279	0.9635
22.4	0.8749	0.9124	0.9318	0.9389	0.9493	0.9548	0.9116	0.9548
22.5	0.8138	0.8820	0.9120	0.9255	0.9336	0.9461	0.8892	0.9322
22.6	0.8535	0.9277	0.9403	0.9293	0.9418	0.9650	0.9273	0.9474
22.7	0.8950	0.9473	0.9434	0.9382	0.9441	0.9665	0.9274	0.9479
22.8	0.9049	0.9384	0.9478	0.9263	0.9206	0.9702	0.9057	0.9268
22.9	0.8808	0.9225	0.9315	0.9066	0.8870	0.9605	0.8819	0.8553
23.0	0.9157	0.9466	0.9494	0.9378	0.9251	0.9644	0.9233	0.8661
23.1	0.9387	0.9673	0.9587	0.9612	0.9462	0.9701	0.9406	0.8967
23.2	0.9310	0.9615	0.9553	0.9510	0.9191	0.9630	0.9342	0.7988
23.3	0.9356	0.9724	0.9572	0.9556	0.9247	0.9586	0.9378	0.6961
23.4	0.9296	0.9748	0.9555	0.9532	0.9259	0.9568	0.9462	0.6589
23.5	0.8962	0.9722	0.9494	0.9481	0.9199	0.9568	0.9357	0.6605
23.6	0.8922	0.9657	0.9466	0.9461	0.8887	0.9538	0.9093	0.4285
23.7	0.8959	0.9850	0.9606	0.9679	0.9165	0.9524	0.9208	0.3752
23.8	0.9075	0.9808	0.9729	0.9658	0.9166	0.9664	0.9292	0.4536
23.9	0.9099	0.9796	0.9703	0.9650	0.9174	0.9698	0.9235	0.3929
24.0	0.8757	0.9810	0.9594	0.9673	0.9012	0.9606	0.9097	0.3727
24.1	0.8453	0.9800	0.9420	0.9565	0.8845	0.9583	0.8844	0.3203
24.2	0.8198	0.9745	0.9204	0.9455	0.8686	0.9569	0.8602	0.3794
24.3	0.8049	0.9770	0.9355	0.9581	0.8601	0.9629	0.8879	0.4732
24.4	0.7551	0.9745	0.9458	0.9570	0.8836	0.9635	0.8922	0.4983
24.5	0.6871	0.9615	0.9245	0.9473	0.8480	0.9560	0.8681	0.4344
24.6	0.7411	0.9693	0.9376	0.9585	0.8854	0.9556	0.9238	0.6353
24.7	0.6794	0.9662	0.9422	0.9563	0.8782	0.9649	0.9088	0.6246
24.8	0.7365	0.9524	0.9354	0.9483	0.8857	0.9675	0.8979	0.6722
24.9	0.7670	0.9473	0.9316	0.9349	0.8869	0.9641	0.8620	0.6722
25.0	0.7254	0.9366	0.9120	0.9385	0.8868	0.9554	0.8253	0.6516
25.1	0.7225	0.9360	0.9156	0.9520	0.8884	0.9540	0.8163	0.6865

25.2	0.7357	0.9397	0.9334	0.9431	0.8949	0.9591	0.8470	0.7021
25.3	0.7292	0.9426	0.9317	0.9267	0.8882	0.9469	0.8120	0.6832
25.4	0.7433	0.9288	0.9219	0.8906	0.8735	0.9433	0.7355	0.6494
25.5	0.7503	0.9249	0.9254	0.8810	0.8823	0.9453	0.6506	0.6919
25.6	0.7225	0.9188	0.9180	0.8901	0.8896	0.9409	0.6779	0.7505
25.7	0.6141	0.9149	0.9205	0.8589	0.9002	0.9386	0.6265	0.7890
25.8	0.5282	0.9290	0.9223	0.8455	0.9265	0.9531	0.5665	0.8505
25.9	0.5851	0.9374	0.9243	0.8605	0.9358	0.9575	0.5964	0.8697
26.0	0.4993	0.9160	0.8935	0.8266	0.9276	0.9416	0.7007	0.8835
26.1	0.4054	0.9189	0.8847	0.7973	0.9147	0.9493	0.6176	0.8784
26.2	0.3592	0.8957	0.8492	0.7526	0.9213	0.9631	0.6326	0.8983
26.3	0.5024	0.9303	0.8816	0.7692	0.9160	0.9716	0.7814	0.9186
26.4	0.6563	0.9063	0.8452	0.7469	0.9440	0.9787	0.8213	0.9423
26.5	0.6658	0.8609	0.8207	0.7138	0.9249	0.9813	0.8006	0.9423
26.6	0.7038	0.7822	0.8215	0.7502	0.9188	0.9804	0.8286	0.9563
26.7	0.7606	0.8368	0.8674	0.7809	0.9458	0.9848	0.9043	0.9666
26.8	0.7956	0.8227	0.8760	0.7972	0.9480	0.9845	0.8953	0.9676
26.9	0.7628	0.8454	0.8622	0.8672	0.9522	0.9870	0.8732	0.9724
27.0	0.7591	0.8323	0.8857	0.8958	0.9566	0.9876	0.9011	0.9745
27.1	0.7796	0.8048	0.8943	0.9072	0.9422	0.9864	0.8890	0.9670
27.2	0.8606	0.7844	0.9066	0.9183	0.9548	0.9854	0.8966	0.9700
27.3	0.8722	0.7904	0.9304	0.9397	0.9636	0.9865	0.9162	0.9776
27.4	0.8872	0.8107	0.9233	0.9442	0.9523	0.9866	0.8989	0.9728
27.5	0.8700	0.7598	0.9043	0.9421	0.9531	0.9848	0.9082	0.9729
27.6	0.8563	0.7941	0.9115	0.9362	0.9609	0.9830	0.9023	0.9802
27.7	0.8324	0.8656	0.9257	0.9580	0.9589	0.9832	0.8859	0.9764
27.8	0.8880	0.8910	0.9512	0.9695	0.9666	0.9838	0.8856	0.9787
27.9	0.9002	0.9025	0.9590	0.9708	0.9650	0.9857	0.8776	0.9735
28.0	0.8451	0.8787	0.9495	0.9552	0.9466	0.9757	0.8317	0.9523
28.1	0.7531	0.8702	0.9313	0.9422	0.9398	0.9701	0.7935	0.9446
28.2	0.7355	0.8632	0.9513	0.9548	0.9325	0.9709	0.7801	0.9526
28.3	0.7703	0.8643	0.9525	0.9465	0.9235	0.9614	0.7588	0.9500
28.4	0.6983	0.7868	0.9351	0.9290	0.8524	0.9397	0.5962	0.9038
28.5	0.7243	0.8401	0.9575	0.9368	0.8744	0.9421	0.7111	0.9013
28.6	0.6381	0.8288	0.9565	0.9344	0.8402	0.9430	0.6571	0.9055
28.7	0.4763	0.7874	0.9498	0.9115	0.7192	0.9067	0.5500	0.8892
28.8	0.5922	0.7685	0.9486	0.9008	0.6113	0.8725	0.5280	0.8660
28.9	0.5270	0.7034	0.9462	0.8980	0.5420	0.7841	0.5442	0.8242
29.0	0.4644	0.6419	0.9279	0.8434	0.3936	0.6160	0.5328	0.7586
29.1	0.5492	0.4808	0.9139	0.8034	0.4403	0.5178	0.3799	0.6498
29.2	0.3843	0.3059	0.8970	0.7966	0.2505	0.4829	0.4336	0.5971
29.3	0.3720	0.3342	0.9025	0.7516	0.0925	0.4543	0.5640	0.6136
29.4	0.3565	0.3455	0.8974	0.6997	0.0961	0.4501	0.4975	0.6438
29.5	0.2195	0.1757	0.9073	0.6336	0.0646	0.3907	0.5898	0.4710
29.6	0.2586	0.0661	0.8588	0.5369	0.0826	0.3343	0.6374	0.3311
29.7	0.3566	0.0600	0.8751	0.4867	0.0886	0.4249	0.6427	0.2071
29.8	0.3539	0.0415	0.8649	0.4654	0.0034	0.3148	0.5512	0.3273
29.9	0.1541	0.0001	0.6370	0.3491	0.0108	0.1220	0.4686	0.3875
30.0	0.0857	0.0011	0.7037	0.2690	0.0041	0.0586	0.4590	0.3344
30.1	0.3051	0.0619	0.8664	0.2735	0.0290	0.2291	0.7022	0.4453
30.2	0.1835	0.1376	0.8435	0.2307	0.0636	0.2435	0.7549	0.5558
30.3	0.2336	0.2304	0.8361	0.1960	0.0363	0.3022	0.7849	0.6146
30.4	0.3584	0.3159	0.8673	0.2097	0.0498	0.3341	0.8327	0.6902
30.5	0.4102	0.3583	0.8803	0.2724	0.0999	0.2693	0.8293	0.7082
30.6	0.5007	0.2683	0.8927	0.3817	0.1672	0.4495	0.8695	0.7404
30.7	0.4308	0.2589	0.8585	0.4374	0.0898	0.3489	0.8546	0.7529
30.8	0.1738	0.3162	0.8276	0.5291	0.0617	0.2489	0.8696	0.8109
30.9	0.2109	0.4597	0.8665	0.5964	0.1751	0.2848	0.8655	0.8337
31.0	0.1713	0.5959	0.8915	0.6987	0.2031	0.2146	0.9090	0.8669
31.1	0.0523	0.5845	0.8611	0.7143	0.1994	0.0791	0.8830	0.8397
31.2	0.1812	0.5735	0.8636	0.7136	0.2594	0.2809	0.8705	0.8223
31.3	0.1561	0.5599	0.8321	0.6314	0.1139	0.2964	0.8487	0.7610
31.4	0.0887	0.6682	0.8399	0.6536	0.1669	0.1175	0.8433	0.7826
31.5	0.1123	0.5897	0.7879	0.7420	0.4057	0.1535	0.8506	0.8275
31.6	0.2982	0.6903	0.7809	0.7753	0.5519	0.4264	0.8702	0.8447
31.7	0.3361	0.7069	0.7274	0.7607	0.5605	0.4299	0.8342	0.8104
31.8	0.4225	0.7459	0.7776	0.7971	0.6315	0.6027	0.8268	0.8215
31.9	0.2782	0.7087	0.7465	0.8096	0.5492	0.5174	0.8376	0.8283
32.0	0.2935	0.6187	0.6731	0.6931	0.5403	0.4900	0.7305	0.7293
32.1	0.5172	0.6195	0.6577	0.6674	0.6311	0.5697	0.6745	0.7078
32.2	0.4888	0.7343	0.7260	0.7285	0.6873	0.6424	0.7129	0.7573
32.3	0.4460	0.7623	0.7119	0.7077	0.6479	0.7035	0.7076	0.7363
32.4	0.5358	0.6561	0.6063	0.7048	0.7122	0.6505	0.6470	0.7139
32.5	0.6016	0.7022	0.5893	0.7428	0.6914	0.7375	0.6219	0.7661
32.6	0.6445	0.7520	0.5965	0.7152	0.7246	0.8341	0.4821	0.7296
32.7	0.6630	0.7729	0.5841	0.6689	0.8026	0.8781	0.3339	0.6776
32.8	0.6765	0.8596	0.6122	0.6469	0.8295	0.9150	0.2563	0.6585
32.9	0.6649	0.8367	0.6859	0.6252	0.7994	0.8981	0.1706	0.6166
33.0	0.6350	0.8657	0.7019	0.5933	0.8478	0.9079	0.0461	0.5501
33.1	0.7308	0.8778	0.7026	0.6311	0.8635	0.9035	0.0830	0.5469
33.2	0.7689	0.9152	0.6340	0.7203	0.8678	0.9080	0.1021	0.6073
33.3	0.7236	0.9162	0.5199	0.6581	0.8343	0.9146	0.2311	0.4621
33.4	0.6940	0.8751	0.5095	0.5505	0.7679	0.8868	0.2721	0.2712
33.5	0.7399	0.8860	0.4158	0.6550	0.7851	0.8737	0.2745	0.3569
33.6	0.7700	0.8919	0.1853	0.7432	0.7777	0.8826	0.4059	0.4305
33.7	0.8040	0.8987	0.1146	0.7680	0.7770	0.8897	0.5354	0.4203

33.8	0.7796	0.8722	0.1057	0.7167	0.7412	0.8794	0.5836	0.3382
33.9	0.8246	0.8603	0.2005	0.7416	0.7264	0.8916	0.5904	0.4230
34.0	0.8667	0.8763	0.4744	0.7137	0.7351	0.9172	0.7570	0.3964
34.1	0.9158	0.9051	0.7216	0.7759	0.8041	0.9360	0.8556	0.3724
34.2	0.8801	0.8871	0.7908	0.7823	0.7259	0.9213	0.8229	0.5458
34.3	0.8656	0.8404	0.8111	0.8528	0.5671	0.9227	0.8550	0.7574
34.4	0.8303	0.6985	0.8185	0.8375	0.1293	0.8700	0.7997	0.7179
34.5	0.7542	0.4943	0.7583	0.7447	0.0398	0.7707	0.7340	0.6069
34.6	0.7986	0.2888	0.8333	0.8184	0.2467	0.8054	0.8229	0.7727
34.7	0.8624	0.1316	0.8488	0.8369	0.4578	0.8449	0.9052	0.8300
34.8	0.8191	0.0660	0.8459	0.7809	0.5286	0.8045	0.8774	0.7728
34.9	0.8437	0.3072	0.8419	0.7463	0.5668	0.8317	0.8850	0.8159
35.0	0.8533	0.4997	0.8141	0.7465	0.6742	0.8399	0.8865	0.8513
35.1	0.8624	0.6403	0.8188	0.8086	0.8016	0.8269	0.8933	0.8600
35.2	0.8470	0.7520	0.8318	0.8005	0.8218	0.8318	0.8809	0.8680
35.3	0.7577	0.6981	0.7992	0.6669	0.7628	0.7999	0.8110	0.8043
35.4	0.7427	0.7699	0.7947	0.5890	0.7849	0.7704	0.8303	0.8398
35.5	0.7451	0.7734	0.7571	0.6203	0.8252	0.7213	0.8247	0.8483
35.6	0.6283	0.7235	0.6645	0.4535	0.7835	0.6868	0.7528	0.8527
35.7	0.7348	0.8299	0.7417	0.6270	0.7927	0.7950	0.8085	0.9020
35.8	0.7264	0.8653	0.7864	0.6863	0.8214	0.7905	0.8403	0.9109
35.9	0.7109	0.8582	0.7465	0.6751	0.8258	0.7646	0.8431	0.9162
36.0	0.7640	0.9108	0.7623	0.7193	0.8454	0.8105	0.8697	0.9424
36.1	0.7245	0.8676	0.6684	0.6726	0.7652	0.7366	0.8350	0.9133
36.2	0.7565	0.8637	0.7278	0.6907	0.7571	0.8321	0.8689	0.8824
36.3	0.7348	0.8469	0.7342	0.6518	0.7269	0.8390	0.8365	0.8624
36.4	0.7852	0.8432	0.7791	0.7211	0.6991	0.8474	0.8647	0.8863
36.5	0.8039	0.8521	0.8014	0.7659	0.7814	0.8857	0.8486	0.9137
36.6	0.8028	0.8312	0.8285	0.7341	0.7768	0.9111	0.8603	0.9038
36.7	0.7823	0.8114	0.8137	0.7166	0.7548	0.9222	0.8584	0.8828
36.8	0.7730	0.8222	0.8410	0.6839	0.7714	0.9422	0.8581	0.8979
36.9	0.7809	0.8429	0.8342	0.7311	0.7975	0.9424	0.8449	0.8989
37.0	0.7790	0.8422	0.7371	0.7173	0.8266	0.9255	0.8223	0.8905
37.1	0.7700	0.8373	0.7475	0.7422	0.8080	0.9344	0.8495	0.8854
37.2	0.8272	0.8416	0.8465	0.8101	0.7559	0.9532	0.8647	0.8827
37.3	0.7227	0.7184	0.7885	0.6955	0.6952	0.9200	0.8208	0.9041
37.4	0.4888	0.4614	0.6126	0.4210	0.6218	0.8250	0.6627	0.8637
37.5	0.6781	0.6086	0.7967	0.6368	0.7055	0.9011	0.7581	0.8726
37.6	0.8270	0.8793	0.8849	0.7764	0.7997	0.9572	0.8319	0.8982
37.7	0.7904	0.8279	0.8209	0.7179	0.7200	0.9526	0.7991	0.8054
37.8	0.8302	0.8856	0.8715	0.7687	0.7920	0.9690	0.8565	0.8753
37.9	0.8297	0.9079	0.8689	0.7893	0.7681	0.9660	0.8395	0.8973
38.0	0.8220	0.8418	0.8191	0.7391	0.6183	0.9430	0.7757	0.8292
38.1	0.8464	0.8290	0.8398	0.7846	0.6115	0.9540	0.8309	0.8138
38.2	0.8799	0.8807	0.8561	0.8125	0.6305	0.9615	0.8348	0.8071
38.3	0.8830	0.8873	0.8582	0.8065	0.6291	0.9623	0.8053	0.8019
38.4	0.8954	0.8899	0.8561	0.8451	0.5813	0.9595	0.7849	0.7547
38.5	0.9130	0.8834	0.8674	0.8429	0.4852	0.9624	0.7774	0.6880
38.6	0.8872	0.8130	0.8516	0.7749	0.4271	0.9462	0.7755	0.6139
38.7	0.8880	0.7643	0.8526	0.7929	0.3719	0.9065	0.7467	0.5209
38.8	0.9134	0.8598	0.8463	0.8426	0.5032	0.9328	0.7781	0.6372
38.9	0.9179	0.8700	0.8400	0.8486	0.5203	0.9399	0.7648	0.6420
39.0	0.9263	0.8562	0.8984	0.8752	0.4929	0.9390	0.7592	0.6272
39.1	0.9295	0.8430	0.9085	0.8629	0.4681	0.9488	0.8080	0.5284
39.2	0.9299	0.8206	0.8970	0.8521	0.3018	0.9382	0.7634	0.3417
39.3	0.9235	0.7113	0.8801	0.8138	0.2819	0.9169	0.7228	0.3370
39.4	0.8948	0.7232	0.8682	0.7950	0.3341	0.8902	0.6500	0.3888
39.5	0.8791	0.7252	0.8638	0.7391	0.1536	0.8682	0.5803	0.3118
39.6	0.8869	0.7715	0.8672	0.7382	0.1291	0.9110	0.7063	0.2311
39.7	0.9075	0.7897	0.8780	0.8008	0.3004	0.9038	0.7698	0.3648
39.8	0.8788	0.7478	0.8872	0.7768	0.1102	0.9064	0.7158	0.2638
39.9	0.8935	0.7928	0.8914	0.7643	0.0244	0.9312	0.7535	0.2023
40.0	0.8699	0.8118	0.8659	0.7333	0.0899	0.9290	0.6819	0.2312
40.1	0.8815	0.8339	0.8717	0.7719	0.0616	0.9424	0.6856	0.2654
40.2	0.8185	0.8050	0.8116	0.6803	0.0374	0.8989	0.5995	0.2907
40.3	0.8590	0.8620	0.8535	0.7337	0.1046	0.8929	0.6296	0.3896
40.4	0.8808	0.8225	0.8525	0.6965	0.1122	0.8618	0.6130	0.3905
40.5	0.8776	0.7635	0.8211	0.6464	0.1232	0.8439	0.5496	0.4354
40.6	0.8643	0.7889	0.8118	0.6819	0.2367	0.8661	0.5438	0.5697
40.7	0.7857	0.7892	0.7382	0.5200	0.2564	0.7387	0.3036	0.5157
40.8	0.8360	0.8076	0.7708	0.5836	0.2536	0.7750	0.3531	0.5050
40.9	0.7700	0.7758	0.7431	0.5832	0.1629	0.7727	0.3467	0.3899
41.0	0.7581	0.7984	0.7097	0.3863	0.1613	0.6710	0.2490	0.4289
41.1	0.7372	0.8199	0.6840	0.4323	0.2717	0.6566	0.1174	0.5381
41.2	0.7516	0.8697	0.7683	0.5027	0.1072	0.7454	0.3032	0.3143
41.3	0.7866	0.8678	0.7451	0.5080	0.1258	0.7065	0.2146	0.3675
41.4	0.7354	0.8475	0.6587	0.4657	0.3349	0.5768	0.0234	0.5761
41.5	0.6664	0.8234	0.6686	0.4792	0.3250	0.5946	0.0369	0.5122
41.6	0.6639	0.8494	0.7339	0.5032	0.2868	0.6752	0.0965	0.4514
41.7	0.6963	0.8677	0.7298	0.4977	0.3507	0.6728	0.0526	0.5101
41.8	0.7034	0.8447	0.7073	0.4603	0.3771	0.6310	0.0370	0.5260
41.9	0.6737	0.8387	0.7313	0.4757	0.3645	0.6049	0.0085	0.5658
42.0	0.6388	0.8431	0.7446	0.5165	0.5019	0.6238	0.0309	0.6947
42.1	0.6000	0.8238	0.7027	0.5276	0.4374	0.6013	0.0018	0.6362
42.2	0.4557	0.7242	0.6977	0.3724	0.3915	0.5624	0.0163	0.5245
42.3	0.3179	0.7612	0.7184	0.3408	0.4330	0.6478	0.1109	0.4971

42.4	0.2327	0.7443	0.6775	0.2541	0.3551	0.5397	0.0844	0.4433
42.5	0.1383	0.7318	0.5853	0.2339	0.3972	0.5746	0.0730	0.5294
42.6	0.4211	0.6376	0.6675	0.0976	0.4173	0.6712	0.1355	0.4274
42.7	0.7050	0.7104	0.8118	0.0544	0.4139	0.6600	0.1718	0.4229
42.8	0.7897	0.7257	0.8446	0.0773	0.4947	0.6951	0.3004	0.4523
42.9	0.7000	0.6455	0.8253	0.0734	0.4034	0.6880	0.2232	0.3770
43.0	0.6811	0.5975	0.7906	0.0750	0.3601	0.7351	0.1444	0.3342
43.1	0.7843	0.5296	0.7945	0.1439	0.3370	0.7230	0.2140	0.2557
43.2	0.7865	0.5152	0.8157	0.2041	0.4212	0.7021	0.3370	0.3234
43.3	0.8403	0.5140	0.7462	0.1551	0.3873	0.7023	0.3168	0.1657
43.4	0.8172	0.5313	0.8414	0.2752	0.5700	0.8054	0.4633	0.1315
43.5	0.7958	0.5310	0.8623	0.3337	0.5805	0.8673	0.4713	0.4736
43.6	0.8082	0.4887	0.8240	0.2806	0.4624	0.8555	0.2863	0.6970
43.7	0.7737	0.5541	0.8906	0.3121	0.6149	0.9014	0.4601	0.7030
43.8	0.8657	0.5931	0.8940	0.4844	0.6348	0.8899	0.4891	0.7051
43.9	0.8681	0.4765	0.8575	0.4948	0.5081	0.8323	0.3792	0.7554
44.0	0.8765	0.4274	0.8539	0.4762	0.5634	0.8483	0.3310	0.8471
44.1	0.8340	0.4841	0.8510	0.2823	0.5871	0.8805	0.3161	0.8560
44.2	0.8238	0.3173	0.8503	0.3146	0.5486	0.9057	0.3073	0.7411
44.3	0.6680	0.2573	0.8429	0.2069	0.6299	0.9363	0.2753	0.7093
44.4	0.4879	0.3595	0.8621	0.2039	0.5872	0.9564	0.2860	0.7997
44.5	0.6626	0.3201	0.8866	0.3615	0.4460	0.9383	0.3621	0.8132
44.6	0.8164	0.3166	0.8758	0.4399	0.4257	0.9058	0.3907	0.7443
44.7	0.8336	0.3057	0.8322	0.4150	0.4194	0.8810	0.2931	0.7661
44.8	0.8969	0.1324	0.7764	0.5255	0.4745	0.8529	0.3104	0.7408
44.9	0.8871	0.1343	0.7889	0.4204	0.5267	0.8053	0.3649	0.6607
45.0	0.8218	0.0080	0.7224	0.1523	0.4516	0.7907	0.1974	0.4847
45.1	0.8837	0.0041	0.8053	0.3625	0.6348	0.9068	0.3934	0.6289
45.2	0.8841	0.0873	0.7978	0.3635	0.6162	0.9078	0.4130	0.6687
45.3	0.8811	0.0580	0.7606	0.3676	0.3859	0.8412	0.4044	0.5097
45.4	0.9123	0.0802	0.8245	0.4437	0.4388	0.8591	0.3768	0.4213
45.5	0.9260	0.0183	0.8476	0.6218	0.5316	0.8941	0.4727	0.6263
45.6	0.8910	0.1484	0.8638	0.4978	0.6766	0.9082	0.5939	0.5265
45.7	0.7897	0.0627	0.8400	0.3844	0.5982	0.9106	0.4781	0.4996
45.8	0.8741	0.0345	0.8312	0.4497	0.4823	0.9215	0.4347	0.4472
45.9	0.9285	0.0103	0.8471	0.5975	0.5306	0.9364	0.6173	0.2592
46.0	0.9294	0.2305	0.8606	0.6295	0.4946	0.9151	0.7076	0.0453
46.1	0.9269	0.2944	0.8316	0.6867	0.5113	0.9006	0.6928	0.1220
46.2	0.9125	0.0903	0.8254	0.6986	0.5755	0.9348	0.6384	0.3028
46.3	0.8967	0.0591	0.7755	0.7153	0.6545	0.9662	0.7348	0.2243
46.4	0.8962	0.0268	0.7859	0.8043	0.6996	0.9621	0.7862	0.5034
46.5	0.9089	0.3286	0.7941	0.8454	0.7477	0.9461	0.7379	0.7465
46.6	0.8472	0.5986	0.7716	0.8469	0.7911	0.9676	0.7816	0.8026
46.7	0.8184	0.7110	0.7663	0.8372	0.8190	0.9429	0.8350	0.7628
46.8	0.8331	0.6996	0.7123	0.8260	0.7787	0.9031	0.8225	0.7767
46.9	0.9185	0.7024	0.8526	0.8791	0.7881	0.9410	0.7943	0.8141
47.0	0.9270	0.7425	0.8869	0.8721	0.7940	0.9520	0.7991	0.6775
47.1	0.8382	0.7432	0.8008	0.8553	0.7756	0.9421	0.8072	0.2405
47.2	0.7382	0.7752	0.6666	0.8787	0.7308	0.9266	0.8356	0.7171
47.3	0.8257	0.8039	0.6607	0.8722	0.7461	0.8903	0.8297	0.8469
47.4	0.9070	0.8277	0.7441	0.8467	0.7389	0.8648	0.8169	0.7420
47.5	0.9159	0.7618	0.7872	0.8402	0.7725	0.8829	0.7414	0.5176
47.6	0.8514	0.7048	0.7087	0.7994	0.6225	0.8786	0.6558	0.0021
47.7	0.8558	0.7222	0.7894	0.7310	0.6312	0.9321	0.7712	0.6066
47.8	0.7983	0.7538	0.7267	0.4171	0.5541	0.9425	0.7624	0.8202
47.9	0.5649	0.7692	0.7937	0.2162	0.5021	0.8979	0.7695	0.9044
48.0	0.5624	0.7304	0.7134	0.1303	0.5316	0.8826	0.7011	0.9401
48.1	0.6300	0.7088	0.7048	0.1453	0.5041	0.9013	0.7347	0.9468
48.2	0.6306	0.7660	0.7440	0.0933	0.4773	0.9315	0.7844	0.9110
48.3	0.6159	0.7536	0.8001	0.2130	0.5471	0.9198	0.7994	0.8862
48.4	0.4635	0.6840	0.8314	0.1267	0.5042	0.8762	0.7757	0.8763
48.5	0.3268	0.7003	0.8122	0.0432	0.5608	0.9296	0.8333	0.9403
48.6	0.3558	0.7525	0.6807	0.2900	0.7571	0.9550	0.8301	0.9735
48.7	0.5345	0.7911	0.7036	0.5249	0.7071	0.9683	0.8390	0.9490
48.8	0.5276	0.7094	0.6991	0.4029	0.6845	0.9607	0.8537	0.9264
48.9	0.5095	0.5690	0.7189	0.2630	0.5968	0.8993	0.7168	0.7979
49.0	0.4515	0.6825	0.7584	0.2869	0.2295	0.8139	0.5413	0.5280
49.1	0.3637	0.6427	0.6656	0.4153	0.1266	0.9267	0.6404	0.8910
49.2	0.3906	0.5961	0.5361	0.5327	0.3979	0.9573	0.6304	0.9409
49.3	0.3079	0.7232	0.6540	0.6734	0.5172	0.9648	0.7404	0.9460
49.4	0.1511	0.7442	0.7460	0.6235	0.7078	0.9630	0.8347	0.9360
49.5	0.5428	0.7070	0.7241	0.4037	0.5594	0.9673	0.8304	0.8996
49.6	0.6114	0.7739	0.7141	0.3970	0.1545	0.9751	0.7999	0.8646
49.7	0.4401	0.8109	0.6834	0.5454	0.0495	0.9419	0.6203	0.8136
49.8	0.0857	0.8319	0.5852	0.6713	0.2179	0.9522	0.6697	0.8794
49.9	0.2244	0.7574	0.6267	0.7822	0.3712	0.9674	0.7961	0.9287
50.0	0.5579	0.7752	0.5899	0.7127	0.3979	0.9708	0.8170	0.9188
50.1	0.7418	0.8476	0.5844	0.7614	0.4903	0.9805	0.8546	0.9257
50.2	0.7789	0.8339	0.6831	0.7782	0.5688	0.9806	0.8937	0.9345
50.3	0.7719	0.7552	0.7163	0.7595	0.6189	0.9751	0.8886	0.9326
50.4	0.8405	0.6240	0.7205	0.7117	0.5022	0.9663	0.8683	0.9095
50.5	0.8431	0.6533	0.7508	0.6977	0.5071	0.9586	0.8440	0.9116
50.6	0.7499	0.7149	0.6639	0.7930	0.5710	0.9433	0.8004	0.9202
50.7	0.7686	0.6131	0.6480	0.8820	0.7028	0.9672	0.8280	0.9438
50.8	0.8313	0.6027	0.7063	0.9215	0.7821	0.9805	0.7934	0.9542
50.9	0.7873	0.5060	0.6742	0.8851	0.7985	0.9675	0.6646	0.9382

51.0	0.7877	0.0772	0.7035	0.8612	0.7844	0.9471	0.8154	0.9148
51.1	0.7368	0.3418	0.7324	0.8309	0.6811	0.9138	0.7802	0.8311
51.2	0.6422	0.5938	0.7767	0.7208	0.1439	0.9024	0.4649	0.5847
51.3	0.2157	0.5058	0.6337	0.8091	0.5621	0.9484	0.7503	0.8813
51.4	0.5349	0.3434	0.5973	0.8295	0.7160	0.9505	0.8231	0.9024
51.5	0.5749	0.0186	0.7173	0.8246	0.7743	0.9226	0.8585	0.9206
51.6	0.7872	0.3668	0.7389	0.8111	0.7031	0.8986	0.8738	0.9085
51.7	0.8436	0.5259	0.7762	0.8629	0.7851	0.9454	0.8694	0.9161
51.8	0.8164	0.7501	0.8481	0.8932	0.5440	0.9446	0.7769	0.8603
51.9	0.7594	0.6002	0.8225	0.8523	0.4816	0.9530	0.7506	0.8744
52.0	0.8244	0.6051	0.8246	0.8086	0.3531	0.9612	0.5598	0.7058
52.1	0.8607	0.6888	0.8552	0.7547	0.0396	0.9487	0.0376	0.2686
52.2	0.8717	0.6296	0.8740	0.8438	0.5312	0.9587	0.6974	0.7896
52.3	0.8019	0.4821	0.9079	0.9099	0.8943	0.9624	0.8843	0.9443
52.4	0.3747	0.2472	0.8800	0.8912	0.9010	0.9538	0.8362	0.9357
52.5	0.6843	0.0123	0.8923	0.8644	0.7795	0.9742	0.8315	0.8766
52.6	0.8118	0.4179	0.9050	0.9112	0.7027	0.9768	0.8317	0.8842
52.7	0.4288	0.6888	0.8864	0.8789	0.5798	0.9501	0.7837	0.8451
52.8	0.5688	0.8020	0.9076	0.8838	0.7345	0.9240	0.7136	0.8817
52.9	0.8390	0.8270	0.9295	0.9241	0.2664	0.9662	0.2640	0.6887
53.0	0.9000	0.8165	0.9535	0.9212	0.6169	0.9642	0.1851	0.7441
53.1	0.9475	0.8276	0.9524	0.9456	0.8973	0.9772	0.7498	0.9205
53.2	0.9413	0.8174	0.9477	0.9532	0.9508	0.9862	0.7883	0.9520
53.3	0.8071	0.7294	0.9443	0.9248	0.8928	0.9710	0.7205	0.9047
53.4	0.7991	0.7849	0.9315	0.8929	0.2678	0.9437	0.2655	0.6338
53.5	0.8087	0.6484	0.9433	0.8874	0.5786	0.9455	0.5671	0.6155
53.6	0.8311	0.6992	0.9400	0.9434	0.9227	0.9771	0.8354	0.9258
53.7	0.7720	0.7861	0.9388	0.9314	0.9695	0.9757	0.8889	0.9634
53.8	0.5459	0.8802	0.9464	0.9347	0.9782	0.9710	0.8573	0.9662
53.9	0.4700	0.9168	0.9456	0.9513	0.9876	0.9787	0.8786	0.9779
54.0	0.7243	0.9148	0.9362	0.9452	0.9835	0.9804	0.8889	0.9808
54.1	0.6728	0.7545	0.9521	0.9444	0.9817	0.9664	0.8758	0.9772
54.2	0.3991	0.7419	0.9499	0.9400	0.9785	0.9427	0.8894	0.9727
54.3	0.8316	0.9119	0.9488	0.9556	0.9787	0.9763	0.9461	0.9751
54.4	0.9265	0.9329	0.9505	0.9497	0.9761	0.9860	0.9474	0.9709
54.5	0.9414	0.9624	0.9480	0.9623	0.9874	0.9884	0.9495	0.9811
54.6	0.8855	0.9528	0.9229	0.9431	0.9775	0.9774	0.9538	0.9773
54.7	0.7382	0.9600	0.9330	0.9219	0.9764	0.9742	0.9337	0.9719
54.8	0.6169	0.9553	0.9421	0.9384	0.9826	0.9743	0.8682	0.9772
54.9	0.8283	0.9547	0.9279	0.9332	0.9786	0.9740	0.8883	0.9784
55.0	0.9324	0.9629	0.9245	0.9478	0.9856	0.9889	0.9106	0.9832
55.1	0.9424	0.9644	0.8799	0.9355	0.9886	0.9908	0.9006	0.9808
55.2	0.9422	0.9532	0.8191	0.9161	0.9847	0.9907	0.9032	0.9774
55.3	0.9643	0.9342	0.8451	0.9356	0.9886	0.9931	0.9269	0.9875
55.4	0.9661	0.8627	0.8571	0.9360	0.9932	0.9868	0.9469	0.9934
55.5	0.9489	0.6912	0.8299	0.9148	0.9877	0.9691	0.9345	0.9905
55.6	0.9637	0.8926	0.8301	0.9389	0.9791	0.9815	0.9349	0.9809
55.7	0.9760	0.9472	0.8367	0.9605	0.9848	0.9931	0.9161	0.9826
55.8	0.9753	0.9502	0.8129	0.9559	0.9850	0.9964	0.9256	0.9842
55.9	0.9661	0.9279	0.7608	0.9430	0.9825	0.9928	0.9158	0.9813
56.0	0.9549	0.8095	0.7027	0.9271	0.9681	0.9772	0.9223	0.9597
56.1	0.9481	0.8672	0.7518	0.9386	0.9706	0.9764	0.9083	0.9676
56.2	0.9721	0.9503	0.8532	0.9627	0.9854	0.9940	0.9159	0.9868
56.3	0.9708	0.9367	0.8028	0.9577	0.9833	0.9952	0.8982	0.9827
56.4	0.9626	0.9039	0.7203	0.9433	0.9774	0.9956	0.8785	0.9732
56.5	0.9711	0.9175	0.6942	0.9482	0.9765	0.9962	0.8991	0.9780
56.6	0.9728	0.9148	0.7103	0.9532	0.9791	0.9953	0.9091	0.9825
56.7	0.9707	0.9178	0.5928	0.9550	0.9835	0.9952	0.8958	0.9845
56.8	0.9774	0.9258	0.6547	0.9532	0.9845	0.9959	0.8979	0.9889
56.9	0.9685	0.8809	0.6634	0.9415	0.9714	0.9947	0.8717	0.9782
57.0	0.9679	0.8473	0.5053	0.9284	0.9694	0.9934	0.8131	0.9673
57.1	0.9723	0.8633	0.4097	0.8866	0.9739	0.9900	0.8169	0.9667
57.2	0.9746	0.8948	0.4955	0.9052	0.9742	0.9796	0.8583	0.9720
57.3	0.9739	0.9416	0.5243	0.9503	0.9772	0.9915	0.8487	0.9741
57.4	0.9747	0.9423	0.4865	0.9647	0.9780	0.9926	0.7510	0.9640
57.5	0.9838	0.9432	0.3416	0.9699	0.9809	0.9956	0.6424	0.9728
57.6	0.9766	0.9206	0.1349	0.9470	0.9682	0.9925	0.4874	0.9587
57.7	0.9783	0.9457	0.2626	0.9570	0.9782	0.9937	0.5842	0.9591
57.8	0.9804	0.9526	0.3010	0.9675	0.9852	0.9951	0.6897	0.9654
57.9	0.9766	0.9344	0.1613	0.9575	0.9815	0.9938	0.7299	0.9642
58.0	0.9828	0.9501	0.2893	0.9583	0.9827	0.9945	0.7576	0.9681
58.1	0.9826	0.9323	0.2131	0.9547	0.9756	0.9946	0.6645	0.9522
58.2	0.9755	0.9247	0.0593	0.9540	0.9579	0.9915	0.6797	0.9124
58.3	0.9612	0.9115	0.1154	0.9163	0.8496	0.9844	0.7268	0.6614
58.4	0.9497	0.7851	0.2005	0.8622	0.8334	0.9792	0.5061	0.7340
58.5	0.9203	0.5934	0.1428	0.7344	0.9036	0.9683	0.5296	0.8368
58.6	0.8740	0.5149	0.1143	0.6388	0.8579	0.9459	0.4878	0.7619
58.7	0.9472	0.8129	0.1360	0.8388	0.9525	0.9815	0.6924	0.8830
58.8	0.9839	0.9552	0.1708	0.9547	0.9858	0.9937	0.8354	0.9389
58.9	0.9727	0.9062	0.0331	0.9504	0.9786	0.9885	0.7907	0.9393
59.0	0.9207	0.7143	0.0355	0.9412	0.9546	0.9798	0.7998	0.8768
59.1	0.9502	0.8442	0.0816	0.9392	0.9693	0.9858	0.8478	0.9047
59.2	0.9789	0.9525	0.0800	0.9530	0.9787	0.9922	0.8668	0.9217
59.3	0.9844	0.9606	0.1068	0.9693	0.9845	0.9927	0.8904	0.9217
59.4	0.9854	0.9542	0.1300	0.9688	0.9826	0.9922	0.8683	0.9239
59.5	0.9847	0.9534	0.1857	0.9769	0.9806	0.9941	0.9047	0.9309

59.6	0.9843	0.9459	0.1860	0.9788	0.9831	0.9942	0.8847	0.9179
59.7	0.9837	0.9491	0.1995	0.9790	0.9872	0.9939	0.8940	0.9328
59.8	0.9324	0.9347	0.0914	0.9670	0.9773	0.9897	0.8514	0.9431
59.9	0.8743	0.9354	0.0056	0.9488	0.9623	0.9872	0.2726	0.6855
60.0	0.9758	0.9487	0.0224	0.9695	0.9784	0.9925	0.0834	0.3337
60.1	0.9870	0.9526	0.1035	0.9790	0.9831	0.9935	0.2733	0.5908
60.2	0.9822	0.9459	0.1231	0.9783	0.9871	0.9911	0.8529	0.9114
60.3	0.9868	0.9622	0.0400	0.9798	0.9868	0.9927	0.8939	0.9082
60.4	0.9906	0.9647	0.0591	0.9800	0.9886	0.9938	0.9341	0.9501
60.5	0.9891	0.9581	0.0961	0.9813	0.9868	0.9942	0.9308	0.9317
60.6	0.9862	0.9569	0.1959	0.9797	0.9823	0.9932	0.9381	0.9230
60.7	0.9825	0.9420	0.1670	0.9670	0.9736	0.9889	0.8918	0.9080
60.8	0.9817	0.9531	0.2751	0.9742	0.9794	0.9922	0.9036	0.9117
60.9	0.9881	0.9615	0.4762	0.9836	0.9825	0.9958	0.9384	0.9296
61.0	0.9925	0.9645	0.6534	0.9876	0.9858	0.9961	0.9511	0.9327
61.1	0.9910	0.9531	0.6352	0.9882	0.9770	0.9932	0.9327	0.9087
61.2	0.9870	0.9650	0.5972	0.9795	0.9738	0.9913	0.9232	0.8904
61.3	0.9787	0.9421	0.5633	0.9733	0.9610	0.9894	0.9126	0.8903
61.4	0.9839	0.9266	0.6396	0.9804	0.9575	0.9900	0.9054	0.8858
61.5	0.9827	0.9193	0.7112	0.9759	0.9587	0.9903	0.9223	0.8728
61.6	0.9859	0.9309	0.6857	0.9818	0.9567	0.9890	0.9360	0.8485
61.7	0.9836	0.9047	0.6722	0.9781	0.9431	0.9911	0.9341	0.8759
61.8	0.9849	0.8897	0.7866	0.9816	0.9159	0.9931	0.9363	0.8469
61.9	0.9866	0.8516	0.8007	0.9828	0.9237	0.9920	0.9561	0.8526
62.0	0.9870	0.8910	0.8757	0.9856	0.9542	0.9921	0.9717	0.8838
62.1	0.9874	0.9239	0.8925	0.9880	0.9540	0.9927	0.9611	0.8806
62.2	0.9882	0.9031	0.8664	0.9899	0.9220	0.9921	0.9631	0.8259
62.3	0.9881	0.8969	0.8372	0.9887	0.9153	0.9919	0.9738	0.8146
62.4	0.9885	0.9002	0.9071	0.9887	0.9430	0.9937	0.9784	0.8545
62.5	0.9862	0.8773	0.9241	0.9876	0.9251	0.9938	0.9756	0.8567
62.6	0.9816	0.8660	0.8953	0.9868	0.8670	0.9906	0.9699	0.8496
62.7	0.9781	0.8462	0.8908	0.9819	0.8712	0.9888	0.9688	0.8219
62.8	0.9831	0.8693	0.9193	0.9843	0.9072	0.9916	0.9781	0.8769
62.9	0.9869	0.8965	0.9144	0.9880	0.8906	0.9934	0.9792	0.8848
63.0	0.9859	0.9205	0.9297	0.9878	0.8867	0.9947	0.9797	0.9079
63.1	0.9839	0.9029	0.9433	0.9885	0.8966	0.9943	0.9825	0.9072
63.2	0.9860	0.9196	0.9655	0.9898	0.9374	0.9957	0.9841	0.9142
63.3	0.9879	0.9256	0.9704	0.9919	0.9439	0.9954	0.9864	0.9149
63.4	0.9827	0.8901	0.9686	0.9896	0.9200	0.9948	0.9839	0.9189
63.5	0.9772	0.8547	0.9532	0.9878	0.9188	0.9948	0.9794	0.9214
63.6	0.9846	0.8924	0.9643	0.9919	0.9479	0.9955	0.9882	0.9366
63.7	0.9822	0.8786	0.9672	0.9883	0.9533	0.9948	0.9869	0.9301
63.8	0.9843	0.8999	0.9746	0.9902	0.9682	0.9955	0.9849	0.9436
63.9	0.9809	0.8959	0.9720	0.9905	0.9659	0.9955	0.9846	0.9442
64.0	0.9831	0.8826	0.9755	0.9875	0.9774	0.9942	0.9858	0.9509
64.1	0.9832	0.8688	0.9746	0.9885	0.9787	0.9927	0.9852	0.9328
64.2	0.9790	0.8188	0.9624	0.9871	0.9733	0.9939	0.9859	0.9384
64.3	0.9819	0.8305	0.9723	0.9889	0.9795	0.9948	0.9881	0.9499
64.4	0.9776	0.8170	0.9766	0.9927	0.9770	0.9929	0.9896	0.9451
64.5	0.9776	0.7973	0.9826	0.9903	0.9781	0.9951	0.9888	0.9257
64.6	0.9691	0.8406	0.9794	0.9877	0.9689	0.9956	0.9853	0.9206
64.7	0.9699	0.7914	0.9785	0.9859	0.9666	0.9943	0.9860	0.9342
64.8	0.9747	0.7654	0.9763	0.9840	0.9656	0.9935	0.9857	0.9316
64.9	0.9734	0.7328	0.9754	0.9833	0.9559	0.9925	0.9846	0.8943
65.0	0.9809	0.8243	0.9792	0.9914	0.9730	0.9961	0.9911	0.9341
65.1	0.9822	0.8151	0.9764	0.9871	0.9734	0.9934	0.9915	0.9311
65.2	0.9818	0.8357	0.9820	0.9875	0.9707	0.9926	0.9873	0.9211
65.3	0.9828	0.7622	0.9762	0.9853	0.9602	0.9926	0.9886	0.9083
65.4	0.9862	0.8206	0.9735	0.9873	0.9618	0.9934	0.9898	0.9145
65.5	0.9908	0.8655	0.9821	0.9886	0.9742	0.9951	0.9924	0.9302
65.6	0.9900	0.8950	0.9829	0.9888	0.9675	0.9955	0.9931	0.9368
65.7	0.9862	0.8955	0.9818	0.9902	0.9654	0.9936	0.9891	0.9406
65.8	0.9872	0.9100	0.9783	0.9845	0.9657	0.9929	0.9906	0.9345
65.9	0.9849	0.9114	0.9682	0.9823	0.9583	0.9909	0.9866	0.9478
66.0	0.9814	0.9272	0.9618	0.9784	0.9294	0.9893	0.9811	0.9295
66.1	0.9868	0.9513	0.9798	0.9881	0.9438	0.9926	0.9897	0.9522
66.2	0.9852	0.9633	0.9805	0.9887	0.9362	0.9943	0.9906	0.9624
66.3	0.9854	0.9633	0.9798	0.9846	0.9232	0.9945	0.9901	0.9559
66.4	0.9862	0.9734	0.9814	0.9848	0.9404	0.9949	0.9892	0.9543
66.5	0.9804	0.9690	0.9791	0.9824	0.8999	0.9928	0.9835	0.9484
66.6	0.9830	0.9737	0.9724	0.9843	0.9098	0.9923	0.9815	0.9570
66.7	0.9903	0.9847	0.9723	0.9904	0.9407	0.9923	0.9859	0.9782
66.8	0.9906	0.9862	0.9773	0.9917	0.9326	0.9937	0.9872	0.9715
66.9	0.9875	0.9859	0.9735	0.9897	0.9287	0.9942	0.9838	0.9631
67.0	0.9839	0.9804	0.9671	0.9841	0.9187	0.9924	0.9833	0.9568
67.1	0.9838	0.9796	0.9770	0.9879	0.9110	0.9936	0.9773	0.9603
67.2	0.9862	0.9868	0.9802	0.9877	0.9290	0.9946	0.9721	0.9654
67.3	0.9828	0.9808	0.9700	0.9774	0.8721	0.9941	0.9590	0.9495
67.4	0.9836	0.9841	0.9736	0.9842	0.8414	0.9951	0.9602	0.9482
67.5	0.9793	0.9850	0.9749	0.9828	0.8562	0.9926	0.9577	0.9588
67.6	0.9842	0.9892	0.9739	0.9861	0.8553	0.9932	0.9509	0.9412
67.7	0.9859	0.9864	0.9707	0.9861	0.7600	0.9942	0.9277	0.9465
67.8	0.9796	0.9900	0.9745	0.9850	0.7806	0.9945	0.9138	0.9551
67.9	0.9830	0.9914	0.9726	0.9859	0.8057	0.9951	0.9061	0.9463
68.0	0.9863	0.9887	0.9627	0.9894	0.7949	0.9943	0.8849	0.9445
68.1	0.9831	0.9917	0.9636	0.9888	0.7926	0.9930	0.8977	0.9453

68.2	0.9807	0.9911	0.9578	0.9871	0.7697	0.9920	0.9040	0.9355
68.3	0.9852	0.9904	0.9614	0.9885	0.7760	0.9933	0.9039	0.9423
68.4	0.9747	0.9895	0.9657	0.9866	0.7014	0.9912	0.9028	0.9451
68.5	0.9793	0.9916	0.9679	0.9872	0.6608	0.9930	0.9373	0.9502
68.6	0.9807	0.9942	0.9557	0.9861	0.6403	0.9950	0.9426	0.9573
68.7	0.9823	0.9925	0.9624	0.9841	0.4996	0.9942	0.9238	0.9538
68.8	0.9826	0.9934	0.9627	0.9859	0.4056	0.9932	0.9188	0.9598
68.9	0.9836	0.9907	0.9712	0.9861	0.5144	0.9937	0.9395	0.9494
69.0	0.9791	0.9874	0.9580	0.9831	0.3931	0.9914	0.9413	0.9319
69.1	0.9817	0.9912	0.9583	0.9872	0.3340	0.9918	0.9415	0.9465
69.2	0.9770	0.9933	0.9639	0.9898	0.1576	0.9934	0.9478	0.9516
69.3	0.9806	0.9927	0.9663	0.9867	0.2392	0.9922	0.9545	0.9628
69.4	0.9798	0.9911	0.9564	0.9859	0.2807	0.9926	0.9563	0.9510
69.5	0.9747	0.9909	0.9532	0.9822	0.4602	0.9919	0.9490	0.9530
69.6	0.9729	0.9903	0.9568	0.9754	0.7106	0.9918	0.9484	0.9531
69.7	0.9747	0.9923	0.9416	0.9752	0.8065	0.9930	0.9583	0.9432
69.8	0.9764	0.9904	0.9526	0.9754	0.8221	0.9938	0.9457	0.9333
69.9	0.9812	0.9922	0.9587	0.9776	0.8540	0.9938	0.9518	0.9403
70.0	0.9860	0.9924	0.9583	0.9701	0.9175	0.9935	0.9609	0.9331
70.1	0.9800	0.9920	0.9507	0.9648	0.9177	0.9912	0.9421	0.9214
70.2	0.9765	0.9886	0.9440	0.9579	0.9144	0.9896	0.9308	0.9175
70.3	0.9833	0.9921	0.9657	0.9619	0.9455	0.9919	0.9349	0.9254
70.4	0.9835	0.9911	0.9679	0.9499	0.9405	0.9930	0.9264	0.9086
70.5	0.9797	0.9902	0.9570	0.9362	0.9378	0.9898	0.9379	0.8974
70.6	0.9815	0.9920	0.9625	0.9339	0.9384	0.9893	0.9437	0.8702
70.7	0.9794	0.9895	0.9597	0.8860	0.9437	0.9857	0.9304	0.8686
70.8	0.9785	0.9860	0.9541	0.8118	0.9370	0.9739	0.9186	0.8032
70.9	0.9804	0.9850	0.9525	0.8415	0.9345	0.9807	0.9450	0.7764
71.0	0.9842	0.9856	0.9461	0.8295	0.9591	0.9837	0.9459	0.7745
71.1	0.9844	0.9867	0.9643	0.8019	0.9598	0.9877	0.9574	0.7401
71.2	0.9780	0.9865	0.9604	0.7221	0.9509	0.9816	0.9544	0.6660
71.3	0.9837	0.9880	0.9618	0.8294	0.9752	0.9784	0.9681	0.8030
71.4	0.9838	0.9880	0.9717	0.8907	0.9717	0.9847	0.9699	0.8225
71.5	0.9800	0.9886	0.9734	0.8381	0.9625	0.9760	0.9673	0.7421
71.6	0.9814	0.9876	0.9703	0.8506	0.9641	0.9710	0.9633	0.7745
71.7	0.9840	0.9888	0.9718	0.8752	0.9721	0.9732	0.9714	0.8189
71.8	0.9799	0.9858	0.9622	0.8627	0.9676	0.9691	0.9616	0.8283
71.9	0.9766	0.9820	0.9583	0.8610	0.9608	0.9591	0.9667	0.8298
72.0	0.9784	0.9825	0.9679	0.8950	0.9713	0.9614	0.9693	0.8734
72.1	0.9731	0.9803	0.9675	0.8936	0.9671	0.9692	0.9701	0.8760
72.2	0.9740	0.9811	0.9699	0.8950	0.9608	0.9659	0.9679	0.8621
72.3	0.9749	0.9848	0.9745	0.8926	0.9658	0.9570	0.9663	0.8732
72.4	0.9753	0.9906	0.9733	0.9223	0.9730	0.9614	0.9736	0.9187
72.5	0.9790	0.9908	0.9817	0.9407	0.9767	0.9719	0.9802	0.9291
72.6	0.9806	0.9885	0.9822	0.9259	0.9731	0.9626	0.9791	0.9321
72.7	0.9796	0.9881	0.9751	0.9389	0.9750	0.9656	0.9788	0.9492
72.8	0.9733	0.9896	0.9722	0.9268	0.9708	0.9618	0.9807	0.9518
72.9	0.9660	0.9864	0.9752	0.9243	0.9710	0.9546	0.9691	0.9464
73.0	0.9661	0.9833	0.9756	0.9216	0.9663	0.9418	0.9647	0.9130
73.1	0.9606	0.9866	0.9811	0.9387	0.9655	0.9550	0.9772	0.9373
73.2	0.9592	0.9908	0.9839	0.9443	0.9737	0.9588	0.9755	0.9609
73.3	0.9439	0.9837	0.9733	0.9295	0.9572	0.9486	0.9558	0.9462
73.4	0.9497	0.9790	0.9752	0.9421	0.9573	0.9577	0.9534	0.9514
73.5	0.9398	0.9706	0.9717	0.9087	0.9540	0.9501	0.9379	0.9413
73.6	0.9564	0.9789	0.9787	0.9293	0.9722	0.9509	0.9530	0.9448
73.7	0.9568	0.9846	0.9815	0.9498	0.9729	0.9565	0.9629	0.9640
73.8	0.9478	0.9853	0.9837	0.9548	0.9721	0.9556	0.9641	0.9664
73.9	0.9379	0.9840	0.9844	0.9482	0.9754	0.9518	0.9557	0.9575
74.0	0.9299	0.9760	0.9842	0.9334	0.9629	0.9504	0.9472	0.9394
74.1	0.9301	0.9730	0.9816	0.9171	0.9671	0.9497	0.9266	0.9424
74.2	0.9379	0.9774	0.9810	0.9303	0.9777	0.9542	0.9355	0.9573
74.3	0.8955	0.9742	0.9753	0.9077	0.9672	0.9484	0.9300	0.9512
74.4	0.8643	0.9702	0.9770	0.8793	0.9657	0.9482	0.9220	0.9490
74.5	0.8645	0.9732	0.9777	0.8964	0.9739	0.9457	0.9248	0.9589
74.6	0.8316	0.9764	0.9798	0.9010	0.9747	0.9369	0.9348	0.9601
74.7	0.8060	0.9733	0.9777	0.8471	0.9607	0.9380	0.9416	0.9628
74.8	0.8143	0.9740	0.9798	0.8542	0.9706	0.9489	0.9409	0.9632
74.9	0.8214	0.9710	0.9774	0.8143	0.9784	0.9522	0.9421	0.9695
75.0	0.8434	0.9777	0.9815	0.8121	0.9758	0.9419	0.9511	0.9734
75.1	0.8150	0.9803	0.9841	0.7893	0.9755	0.9292	0.9643	0.9751
75.2	0.8472	0.9778	0.9832	0.7665	0.9772	0.9418	0.9612	0.9767
75.3	0.8288	0.9730	0.9758	0.6686	0.9753	0.9320	0.9547	0.9721
75.4	0.8243	0.9773	0.9774	0.5909	0.9800	0.9192	0.9669	0.9811
75.5	0.8479	0.9831	0.9788	0.5605	0.9710	0.9197	0.9723	0.9780
75.6	0.8756	0.9817	0.9751	0.5464	0.9733	0.9173	0.9684	0.9791
75.7	0.8608	0.9821	0.9762	0.5028	0.9840	0.8803	0.9699	0.9836
75.8	0.8327	0.9791	0.9693	0.4549	0.9779	0.8430	0.9691	0.9836
75.9	0.8300	0.9763	0.9714	0.4593	0.9714	0.7935	0.9673	0.9812
76.0	0.8711	0.9792	0.9624	0.3603	0.9752	0.7487	0.9741	0.9833
76.1	0.9104	0.9797	0.9695	0.4588	0.9781	0.7601	0.9794	0.9843
76.2	0.9115	0.9798	0.9716	0.4512	0.9788	0.7069	0.9788	0.9866
76.3	0.8984	0.9831	0.9717	0.4983	0.9800	0.6487	0.9793	0.9876
76.4	0.8974	0.9772	0.9625	0.5625	0.9773	0.5227	0.9744	0.9850
76.5	0.9022	0.9755	0.9607	0.4188	0.9763	0.4321	0.9782	0.9865
76.6	0.8992	0.9757	0.9658	0.3313	0.9785	0.4340	0.9805	0.9886
76.7	0.9115	0.9751	0.9651	0.4872	0.9762	0.4436	0.9775	0.9861

76.8	0.9207	0.9770	0.9562	0.5102	0.9764	0.4853	0.9818	0.9875
76.9	0.9103	0.9792	0.9591	0.6393	0.9710	0.5939	0.9828	0.9872
77.0	0.8588	0.9742	0.9506	0.6915	0.9655	0.5651	0.9798	0.9843
77.1	0.7977	0.9712	0.9352	0.5792	0.9698	0.5492	0.9835	0.9870
77.2	0.8424	0.9750	0.9344	0.6789	0.9703	0.7480	0.9823	0.9878
77.3	0.8503	0.9814	0.9432	0.7524	0.9736	0.8079	0.9869	0.9893
77.4	0.8501	0.9802	0.9388	0.7946	0.9800	0.8480	0.9881	0.9900
77.5	0.8672	0.9729	0.9378	0.8165	0.9766	0.8335	0.9890	0.9914
77.6	0.8740	0.9733	0.9422	0.7959	0.9655	0.8360	0.9900	0.9888
77.7	0.8803	0.9657	0.9147	0.8174	0.9578	0.8655	0.9842	0.9866
77.8	0.9221	0.9693	0.9308	0.8749	0.9736	0.8995	0.9872	0.9903
77.9	0.9320	0.9747	0.9142	0.8833	0.9651	0.9070	0.9871	0.9896
78.0	0.9285	0.9731	0.9120	0.8867	0.9686	0.9103	0.9871	0.9892
78.1	0.9510	0.9727	0.9152	0.9437	0.9694	0.9216	0.9886	0.9913
78.2	0.9607	0.9710	0.9244	0.9423	0.9683	0.9090	0.9889	0.9908
78.3	0.9524	0.9640	0.9167	0.9239	0.9715	0.8896	0.9898	0.9896
78.4	0.9453	0.9644	0.8904	0.9225	0.9644	0.9056	0.9896	0.9877
78.5	0.9646	0.9670	0.8877	0.9485	0.9664	0.9316	0.9921	0.9895
78.6	0.9638	0.9630	0.8692	0.9621	0.9667	0.9415	0.9909	0.9904
78.7	0.9584	0.9494	0.8157	0.9491	0.9612	0.9285	0.9867	0.9878
78.8	0.9648	0.9574	0.7790	0.9559	0.9579	0.9397	0.9882	0.9878
78.9	0.9696	0.9720	0.8088	0.9416	0.9634	0.9510	0.9915	0.9886
79.0	0.9686	0.9680	0.8247	0.9324	0.9709	0.9555	0.9930	0.9912
79.1	0.9767	0.9722	0.9033	0.9670	0.9713	0.9748	0.9933	0.9924
79.2	0.9675	0.9646	0.8952	0.9693	0.9684	0.9411	0.9908	0.9916
79.3	0.9667	0.9519	0.8614	0.9726	0.9570	0.9135	0.9892	0.9904
79.4	0.9698	0.9575	0.8771	0.9763	0.9606	0.9315	0.9875	0.9933
79.5	0.9752	0.9494	0.8778	0.9819	0.9490	0.9457	0.9898	0.9915
79.6	0.9718	0.9425	0.8902	0.9778	0.9393	0.9621	0.9922	0.9907
79.7	0.9700	0.9311	0.8769	0.9746	0.9400	0.9547	0.9920	0.9895
79.8	0.9758	0.9302	0.8098	0.9820	0.9386	0.9578	0.9886	0.9911
79.9	0.9823	0.9585	0.8131	0.9859	0.9615	0.9671	0.9915	0.9936
80.0	0.9779	0.9407	0.8620	0.9815	0.9406	0.9605	0.9905	0.9913

2.2.16 Run 2 – IP270 – Accels 25–32

In-plane shaking at 270°. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9037	0.9909	0.9882	0.9910	0.0288	0.8051	0.7955	0.8191
0.1	0.7099	0.9031	0.9060	0.9053	0.0236	0.6012	0.5821	0.6524
0.2	0.0112	0.0088	0.0021	0.0181	0.0092	0.0007	0.0384	0.0395
0.3	0.0214	0.0530	0.0320	0.0148	0.0204	0.0104	0.0014	0.0049
0.4	0.0076	0.0010	0.0217	0.0019	0.0254	0.0171	0.0188	0.0234
0.5	0.0408	0.0074	0.0053	0.0105	0.0023	0.0195	0.0174	0.0095
0.6	0.0120	0.0036	0.0230	0.0002	0.0051	0.0279	0.0084	0.0107
0.7	0.0029	0.0039	0.0261	0.0026	0.0180	0.0107	0.0358	0.0328
0.8	0.0156	0.0289	0.1402	0.0218	0.0367	0.0574	0.0481	0.1413
0.9	0.0078	0.0792	0.2946	0.0072	0.0374	0.2497	0.0013	0.2448
1.0	0.0018	0.1940	0.4692	0.0110	0.0492	0.3314	0.0310	0.3237
1.1	0.0320	0.4772	0.5743	0.0284	0.1040	0.4994	0.0017	0.5308
1.2	0.1361	0.5552	0.4485	0.0867	0.1484	0.5392	0.0084	0.5900
1.3	0.3715	0.0385	0.4396	0.0087	0.3793	0.7070	0.2671	0.7249
1.4	0.6450	0.1680	0.3315	0.0324	0.4880	0.8005	0.4233	0.8210
1.5	0.8281	0.4694	0.4378	0.0608	0.5212	0.8406	0.3825	0.8669
1.6	0.8862	0.8108	0.7972	0.0559	0.8104	0.8955	0.7398	0.9089
1.7	0.8508	0.8716	0.9005	0.0357	0.8238	0.8693	0.7936	0.8781
1.8	0.7906	0.8060	0.9136	0.0405	0.7981	0.8352	0.7764	0.8370
1.9	0.7268	0.7279	0.8871	0.0254	0.7704	0.7605	0.7863	0.7615
2.0	0.6358	0.7483	0.9369	0.1524	0.8555	0.8511	0.8930	0.8443
2.1	0.6698	0.7143	0.9643	0.1910	0.9344	0.9360	0.9490	0.9294
2.2	0.6774	0.5091	0.9813	0.2935	0.9253	0.9814	0.9111	0.9791
2.3	0.6245	0.4050	0.9890	0.3065	0.8320	0.9852	0.7002	0.9833
2.4	0.6724	0.5084	0.9855	0.2245	0.9048	0.9943	0.6838	0.9949
2.5	0.8358	0.8544	0.9872	0.0589	0.9662	0.9943	0.9352	0.9955
2.6	0.8035	0.9632	0.9888	0.0135	0.9647	0.9915	0.9342	0.9935
2.7	0.8004	0.9780	0.9844	0.0190	0.9479	0.9848	0.9177	0.9882
2.8	0.7106	0.9828	0.9792	0.0605	0.9171	0.9761	0.8678	0.9823
2.9	0.5895	0.9867	0.9753	0.0008	0.8708	0.9572	0.8013	0.9676
3.0	0.4522	0.9747	0.9506	0.0024	0.7830	0.8989	0.6939	0.9192
3.1	0.4154	0.9477	0.9065	0.0000	0.6170	0.7903	0.5431	0.8252
3.2	0.4148	0.9599	0.9160	0.0024	0.5644	0.7670	0.4983	0.8039
3.3	0.3406	0.9538	0.8993	0.0099	0.4778	0.7007	0.4083	0.7427
3.4	0.4249	0.9439	0.8855	0.0737	0.4779	0.6608	0.4406	0.6991
3.5	0.3497	0.9229	0.8521	0.0210	0.2903	0.4939	0.2393	0.5423
3.6	0.3077	0.9047	0.8359	0.0299	0.1759	0.3791	0.1560	0.4324
3.7	0.3696	0.8773	0.8353	0.0211	0.2225	0.3483	0.2785	0.3937
3.8	0.4639	0.8745	0.8577	0.0515	0.3746	0.4892	0.3944	0.5152
3.9	0.5204	0.8693	0.8426	0.0381	0.3506	0.4866	0.3647	0.5091
4.0	0.5074	0.9055	0.8837	0.0583	0.2036	0.3820	0.2236	0.4168
4.1	0.4772	0.8689	0.8787	0.0623	0.2052	0.3029	0.2490	0.3411
4.2	0.4788	0.8558	0.8679	0.0233	0.1797	0.2859	0.2020	0.3284
4.3	0.5140	0.8689	0.8696	0.0131	0.1913	0.3255	0.2128	0.3726
4.4	0.5820	0.8149	0.8626	0.0085	0.0913	0.2377	0.1640	0.2828
4.5	0.7787	0.8113	0.9279	0.0254	0.0813	0.3843	0.1516	0.4446
4.6	0.7794	0.7072	0.9181	0.0231	0.2093	0.4493	0.2232	0.4949
4.7	0.7474	0.5827	0.8647	0.0336	0.1359	0.3009	0.1811	0.3241
4.8	0.7999	0.7325	0.8953	0.0320	0.0178	0.2363	0.1027	0.2865
4.9	0.8044	0.7406	0.9305	0.0305	0.0332	0.3983	0.1185	0.4527
5.0	0.8603	0.7904	0.9381	0.0132	0.0681	0.4762	0.1977	0.5494
5.1	0.8754	0.8280	0.9350	0.0394	0.1119	0.5073	0.2566	0.5766
5.2	0.8946	0.8119	0.9440	0.0186	0.1004	0.5743	0.2423	0.6244
5.3	0.8860	0.7582	0.9559	0.1546	0.1351	0.6168	0.2236	0.6476
5.4	0.8672	0.7146	0.9569	0.0682	0.1355	0.6164	0.1441	0.6381
5.5	0.8844	0.7244	0.9576	0.0065	0.0990	0.5771	0.1288	0.5928
5.6	0.9197	0.6325	0.9517	0.0495	0.0617	0.5693	0.1552	0.5828
5.7	0.9041	0.6136	0.9293	0.0420	0.0697	0.4432	0.0685	0.4536
5.8	0.9009	0.6524	0.9456	0.0163	0.0420	0.4034	0.0293	0.4176
5.9	0.8881	0.5909	0.9484	0.0693	0.0736	0.3834	0.0343	0.4039
6.0	0.8695	0.6899	0.9622	0.1308	0.0716	0.3812	0.0841	0.3875
6.1	0.9032	0.7206	0.9734	0.0638	0.1227	0.4720	0.1715	0.4775
6.2	0.8751	0.6867	0.9713	0.0664	0.0357	0.2849	0.1020	0.2867
6.3	0.8612	0.7472	0.9833	0.0295	0.0268	0.1032	0.0274	0.1040
6.4	0.8250	0.7538	0.9802	0.0265	0.1277	0.2430	0.0951	0.2401
6.5	0.7768	0.7395	0.9772	0.0695	0.1228	0.2164	0.0470	0.2177
6.6	0.7862	0.7692	0.9767	0.0467	0.1214	0.2312	0.0842	0.2242
6.7	0.8222	0.8096	0.9754	0.1989	0.1529	0.2973	0.0833	0.2926
6.8	0.7848	0.8253	0.9752	0.1172	0.0444	0.1333	0.0089	0.1259
6.9	0.7196	0.8159	0.9738	0.0630	0.0109	0.0329	0.0524	0.0226
7.0	0.4956	0.8317	0.9774	0.0333	0.0592	0.0898	0.0842	0.0690
7.1	0.4600	0.7883	0.9779	0.0347	0.1293	0.1545	0.0401	0.1283
7.2	0.7668	0.7194	0.9862	0.0063	0.1181	0.1831	0.0811	0.1630
7.3	0.8971	0.6633	0.9842	0.0369	0.0104	0.1381	0.1722	0.1399
7.4	0.9693	0.5414	0.9877	0.0844	0.0811	0.0330	0.3335	0.0490
7.5	0.9731	0.4752	0.9906	0.0294	0.0200	0.0293	0.1483	0.0262
7.6	0.9650	0.4901	0.9890	0.0403	0.0419	0.1571	0.1930	0.1527
7.7	0.9487	0.5067	0.9832	0.1191	0.0533	0.0792	0.1428	0.0803
7.8	0.9615	0.6509	0.9874	0.2744	0.0186	0.0153	0.1975	0.0096
7.9	0.9675	0.7146	0.9903	0.3175	0.0132	0.0468	0.1412	0.0423

8.0	0.9490	0.7657	0.9901	0.2278	0.0145	0.0906	0.0245	0.0784
8.1	0.9148	0.7293	0.9913	0.1916	0.0154	0.1014	0.0059	0.0807
8.2	0.9080	0.7340	0.9917	0.2217	0.0373	0.1446	0.0081	0.1210
8.3	0.9361	0.8313	0.9915	0.2258	0.1059	0.2677	0.0012	0.2218
8.4	0.9337	0.7748	0.9902	0.2066	0.0438	0.1775	0.0153	0.1310
8.5	0.9162	0.6887	0.9899	0.2513	0.0630	0.1259	0.0064	0.0857
8.6	0.9257	0.7133	0.9890	0.3786	0.1099	0.1954	0.0125	0.1250
8.7	0.9207	0.7845	0.9904	0.4319	0.1933	0.2835	0.0352	0.2008
8.8	0.9285	0.8054	0.9923	0.5093	0.2452	0.3459	0.0432	0.2624
8.9	0.9049	0.7731	0.9908	0.3643	0.1175	0.2619	0.0775	0.1841
9.0	0.9117	0.7884	0.9854	0.3958	0.0999	0.2588	0.1418	0.1991
9.1	0.9437	0.7411	0.9791	0.6101	0.0616	0.2089	0.1568	0.1434
9.2	0.9461	0.7705	0.9841	0.6679	0.0654	0.2921	0.3993	0.2195
9.3	0.9021	0.7779	0.9888	0.6722	0.0715	0.1470	0.2662	0.0867
9.4	0.8593	0.7637	0.9881	0.7125	0.0971	0.1095	0.2641	0.0503
9.5	0.8125	0.6627	0.9882	0.7182	0.0141	0.2071	0.3182	0.1259
9.6	0.6995	0.3883	0.9833	0.5841	0.0120	0.2248	0.2757	0.1348
9.7	0.5995	0.2629	0.9806	0.5405	0.0498	0.1423	0.1208	0.0558
9.8	0.2721	0.0498	0.9823	0.3430	0.0178	0.1543	0.0407	0.0775
9.9	0.4985	0.0387	0.9738	0.1657	0.0253	0.2677	0.0943	0.2085
10.0	0.6069	0.1001	0.9500	0.0735	0.0612	0.2230	0.0590	0.1762
10.1	0.6493	0.2069	0.9647	0.1063	0.0729	0.2316	0.0808	0.1351
10.2	0.5843	0.1960	0.9588	0.0649	0.0596	0.2143	0.1354	0.1297
10.3	0.6422	0.3166	0.9641	0.0177	0.0799	0.2662	0.0830	0.1413
10.4	0.7500	0.4116	0.9752	0.1226	0.0843	0.2889	0.0606	0.1516
10.5	0.7887	0.4574	0.9610	0.2048	0.0319	0.2152	0.0156	0.1020
10.6	0.9123	0.6880	0.9653	0.3249	0.0091	0.2340	0.0034	0.0743
10.7	0.9457	0.6993	0.9564	0.4639	0.0407	0.3175	0.0532	0.1666
10.8	0.9457	0.5704	0.9206	0.4676	0.0350	0.4090	0.0638	0.2120
10.9	0.9603	0.6280	0.9181	0.5073	0.0008	0.3723	0.0053	0.1055
11.0	0.9689	0.6045	0.9097	0.4087	0.0185	0.3634	0.0285	0.0894
11.1	0.9661	0.5145	0.8952	0.4452	0.1097	0.3274	0.1258	0.0844
11.2	0.9621	0.4852	0.8814	0.5396	0.0401	0.3537	0.0771	0.1205
11.3	0.9725	0.5163	0.8847	0.4932	0.0934	0.4907	0.1337	0.2674
11.4	0.9803	0.5330	0.8950	0.5988	0.1088	0.4945	0.1676	0.2660
11.5	0.9823	0.6552	0.8909	0.6069	0.0809	0.4257	0.1438	0.2299
11.6	0.9819	0.6835	0.8999	0.5791	0.1798	0.4198	0.2343	0.2092
11.7	0.9821	0.5427	0.8681	0.4683	0.0660	0.3017	0.0957	0.1009
11.8	0.9899	0.5238	0.8882	0.5381	0.1465	0.3562	0.1935	0.1458
11.9	0.9889	0.5047	0.9126	0.4822	0.3126	0.3913	0.3597	0.1815
12.0	0.9888	0.4816	0.9118	0.4668	0.1651	0.2403	0.2172	0.0895
12.1	0.9922	0.4884	0.8708	0.2836	0.1345	0.2152	0.1662	0.0915
12.2	0.9933	0.6200	0.9002	0.3203	0.1137	0.1824	0.1558	0.0560
12.3	0.9937	0.6676	0.9362	0.4004	0.1131	0.2178	0.1427	0.0651
12.4	0.9917	0.6461	0.9291	0.3013	0.1308	0.2775	0.1533	0.0957
12.5	0.9920	0.5866	0.9513	0.1425	0.1596	0.3070	0.1575	0.1392
12.6	0.9925	0.6727	0.9632	0.2203	0.0771	0.3233	0.0800	0.1154
12.7	0.9936	0.7525	0.9714	0.3544	0.0246	0.3589	0.0409	0.1300
12.8	0.9933	0.7878	0.9707	0.4725	0.0746	0.3853	0.0673	0.1663
12.9	0.9930	0.8083	0.9710	0.4861	0.1288	0.3982	0.0887	0.1885
13.0	0.9915	0.8325	0.9776	0.5147	0.2069	0.4609	0.1448	0.2190
13.1	0.9921	0.8308	0.9814	0.4948	0.2011	0.5169	0.1401	0.2172
13.2	0.9937	0.9058	0.9895	0.6573	0.2805	0.6252	0.1292	0.3286
13.3	0.9954	0.9317	0.9950	0.7310	0.4096	0.8002	0.1970	0.5839
13.4	0.9940	0.9327	0.9937	0.6724	0.4070	0.7294	0.2128	0.4594
13.5	0.9942	0.9411	0.9938	0.6215	0.5117	0.4991	0.2547	0.2503
13.6	0.9937	0.9315	0.9952	0.5697	0.6015	0.4281	0.3621	0.1248
13.7	0.9922	0.9350	0.9942	0.5940	0.5869	0.5670	0.2343	0.2177
13.8	0.9942	0.9458	0.9961	0.6429	0.6876	0.6197	0.3014	0.2338
13.9	0.9933	0.9455	0.9971	0.5979	0.7411	0.6582	0.4251	0.3047
14.0	0.9922	0.9592	0.9972	0.6043	0.7388	0.7758	0.4716	0.5049
14.1	0.9939	0.9731	0.9970	0.6243	0.7469	0.8318	0.4165	0.6470
14.2	0.9931	0.9701	0.9975	0.7259	0.7962	0.7902	0.3896	0.5569
14.3	0.9940	0.9720	0.9979	0.6412	0.8002	0.8234	0.3881	0.6276
14.4	0.9936	0.9735	0.9975	0.5732	0.7743	0.8436	0.3045	0.6808
14.5	0.9914	0.9714	0.9977	0.5623	0.7128	0.8662	0.1620	0.7440
14.6	0.9778	0.9514	0.9954	0.4056	0.7033	0.8311	0.2585	0.6715
14.7	0.9766	0.9461	0.9965	0.3507	0.7804	0.8322	0.3619	0.6548
14.8	0.9652	0.9412	0.9975	0.4150	0.7719	0.8075	0.3740	0.6370
14.9	0.9776	0.9518	0.9980	0.5494	0.8083	0.8182	0.3536	0.6542
15.0	0.9578	0.9154	0.9934	0.6062	0.6983	0.6650	0.2105	0.4515
15.1	0.9569	0.9005	0.9900	0.7315	0.6378	0.5831	0.2170	0.4404
15.2	0.9515	0.8677	0.9937	0.8153	0.6099	0.5797	0.1661	0.3425
15.3	0.9455	0.7216	0.9896	0.7689	0.5283	0.6940	0.1586	0.4400
15.4	0.9399	0.2600	0.9855	0.8446	0.5838	0.7729	0.1685	0.5282
15.5	0.9536	0.2886	0.9824	0.8823	0.6709	0.8060	0.3873	0.6204
15.6	0.9421	0.4859	0.9682	0.8529	0.7049	0.7939	0.5436	0.6283
15.7	0.9543	0.6102	0.9674	0.8553	0.7806	0.8497	0.7377	0.7407
15.8	0.9447	0.6912	0.9559	0.8370	0.7856	0.8631	0.8367	0.7781
15.9	0.9641	0.8170	0.9631	0.8841	0.8302	0.9316	0.8571	0.8710
16.0	0.9767	0.7901	0.9741	0.9001	0.8628	0.9140	0.9158	0.8529
16.1	0.9764	0.8213	0.9702	0.8851	0.8662	0.9364	0.9230	0.8913
16.2	0.9892	0.9228	0.9839	0.9187	0.8998	0.9625	0.9578	0.9343
16.3	0.9925	0.9359	0.9905	0.9059	0.9067	0.9635	0.9649	0.9370
16.4	0.9938	0.9529	0.9908	0.8027	0.8891	0.9654	0.9473	0.9456
16.5	0.9951	0.9355	0.9926	0.6492	0.8852	0.9458	0.9321	0.9179

16.6	0.9948	0.9606	0.9957	0.7744	0.9106	0.9482	0.9456	0.9255
16.7	0.9910	0.9478	0.9963	0.8679	0.8679	0.9527	0.9353	0.9375
16.8	0.9859	0.9217	0.9858	0.8696	0.8667	0.9506	0.8422	0.9340
16.9	0.9902	0.9084	0.9818	0.8550	0.8193	0.9477	0.7439	0.9237
17.0	0.9929	0.9546	0.9944	0.9394	0.7338	0.9328	0.8413	0.8742
17.1	0.9893	0.9081	0.9952	0.9160	0.7328	0.8324	0.8054	0.7868
17.2	0.9927	0.8627	0.9927	0.8909	0.6950	0.7775	0.8195	0.7832
17.3	0.9939	0.9010	0.9964	0.9102	0.6943	0.8207	0.7811	0.8724
17.4	0.9954	0.9172	0.9974	0.8993	0.7507	0.8476	0.8152	0.8514
17.5	0.9966	0.9565	0.9984	0.9196	0.7145	0.9456	0.8619	0.8830
17.6	0.9948	0.9683	0.9987	0.9508	0.5167	0.9178	0.8957	0.7384
17.7	0.9943	0.9649	0.9989	0.9581	0.4144	0.9173	0.8845	0.6132
17.8	0.9894	0.9483	0.9990	0.9384	0.3647	0.9092	0.8130	0.4345
17.9	0.9811	0.9198	0.9987	0.9218	0.3644	0.9222	0.6710	0.5969
18.0	0.9763	0.8970	0.9982	0.9208	0.5548	0.9181	0.5263	0.7042
18.1	0.9837	0.8796	0.9986	0.9250	0.7181	0.9410	0.4546	0.7994
18.2	0.9877	0.9130	0.9989	0.9554	0.7846	0.9472	0.5014	0.8273
18.3	0.9865	0.8492	0.9990	0.9281	0.7711	0.9378	0.5901	0.8223
18.4	0.9908	0.8088	0.9989	0.9337	0.7364	0.9336	0.6456	0.7885
18.5	0.9829	0.6361	0.9992	0.8636	0.6200	0.9138	0.5064	0.7045
18.6	0.9683	0.3643	0.9994	0.7289	0.5598	0.9388	0.4644	0.6856
18.7	0.9761	0.2944	0.9993	0.4479	0.4921	0.9570	0.5973	0.7141
18.8	0.9909	0.4989	0.9993	0.5856	0.5039	0.9575	0.6382	0.7237
18.9	0.9868	0.5073	0.9987	0.7703	0.4081	0.9420	0.6483	0.7069
19.0	0.9819	0.5548	0.9981	0.8565	0.2963	0.9077	0.6628	0.5917
19.1	0.9849	0.5784	0.9982	0.8873	0.0606	0.9315	0.7293	0.6449
19.2	0.9833	0.4986	0.9982	0.8639	0.0036	0.9033	0.7497	0.6521
19.3	0.9777	0.5908	0.9973	0.8760	0.0138	0.8708	0.6919	0.5734
19.4	0.9774	0.6462	0.9970	0.8666	0.0492	0.8480	0.5526	0.5629
19.5	0.9726	0.6053	0.9956	0.8357	0.0531	0.7775	0.6163	0.3915
19.6	0.9737	0.7641	0.9960	0.8687	0.0705	0.7933	0.7265	0.4556
19.7	0.9819	0.7842	0.9970	0.8529	0.1675	0.8514	0.8039	0.6248
19.8	0.9783	0.8241	0.9963	0.8505	0.2051	0.8313	0.8382	0.5871
19.9	0.9808	0.8198	0.9955	0.8240	0.2295	0.8211	0.8243	0.6482
20.0	0.9841	0.8351	0.9943	0.8367	0.3291	0.8264	0.8259	0.6971
20.1	0.9834	0.8053	0.9930	0.7779	0.3925	0.8223	0.8197	0.5844
20.2	0.9857	0.7812	0.9955	0.7439	0.3671	0.8278	0.7986	0.5790
20.3	0.9839	0.6888	0.9950	0.7080	0.4103	0.6725	0.7515	0.4111
20.4	0.9754	0.6139	0.9913	0.7187	0.3572	0.4634	0.6667	0.1814
20.5	0.9729	0.6325	0.9903	0.6561	0.3614	0.4840	0.6459	0.1813
20.6	0.9776	0.7011	0.9914	0.6935	0.4470	0.4970	0.7104	0.3140
20.7	0.9801	0.7604	0.9912	0.6959	0.3154	0.4814	0.6456	0.3951
20.8	0.9793	0.7623	0.9908	0.6818	0.3910	0.4474	0.5660	0.2817
20.9	0.9760	0.7279	0.9890	0.6540	0.4219	0.4092	0.5647	0.4343
21.0	0.9754	0.7376	0.9867	0.6581	0.5011	0.4208	0.6823	0.4895
21.1	0.9759	0.7498	0.9818	0.6066	0.4350	0.6004	0.6424	0.6186
21.2	0.9804	0.8155	0.9832	0.6371	0.5072	0.5481	0.7371	0.5331
21.3	0.9785	0.8273	0.9848	0.5850	0.4031	0.4381	0.6753	0.5242
21.4	0.9780	0.8406	0.9861	0.5693	0.3444	0.5004	0.6580	0.5858
21.5	0.9746	0.8482	0.9784	0.5678	0.2582	0.4288	0.5487	0.5409
21.6	0.9766	0.8778	0.9794	0.5662	0.3632	0.4483	0.6515	0.5468
21.7	0.9843	0.8635	0.9728	0.6445	0.4909	0.4849	0.7357	0.5384
21.8	0.9864	0.8858	0.9729	0.6738	0.4647	0.5152	0.7783	0.6163
21.9	0.9882	0.8798	0.9705	0.6815	0.4558	0.3778	0.7658	0.5276
22.0	0.9856	0.8252	0.9545	0.4935	0.4075	0.2236	0.6955	0.3575
22.1	0.9871	0.8383	0.9507	0.4051	0.4185	0.1961	0.7287	0.3866
22.2	0.9811	0.8074	0.9435	0.4500	0.4533	0.1548	0.6910	0.3700
22.3	0.9791	0.7372	0.9313	0.2060	0.4797	0.2820	0.6506	0.3732
22.4	0.8994	0.7157	0.9317	0.1071	0.4910	0.3212	0.6815	0.4389
22.5	0.8720	0.6871	0.9121	0.1076	0.4037	0.2847	0.6532	0.4233
22.6	0.9772	0.7104	0.9197	0.0204	0.4599	0.2802	0.6504	0.4118
22.7	0.9868	0.6640	0.9331	0.0245	0.5774	0.1146	0.7334	0.2849
22.8	0.9880	0.6980	0.9184	0.0434	0.6183	0.1686	0.7796	0.3481
22.9	0.9831	0.6725	0.8978	0.0072	0.4535	0.2329	0.7553	0.4881
23.0	0.9851	0.7642	0.9350	0.0348	0.4321	0.2332	0.7476	0.5268
23.1	0.9856	0.7384	0.9548	0.0287	0.4118	0.2185	0.7232	0.4635
23.2	0.9867	0.7052	0.9477	0.0833	0.5046	0.1362	0.6848	0.4054
23.3	0.9852	0.7373	0.9588	0.1157	0.6116	0.1995	0.6870	0.4611
23.4	0.9811	0.6615	0.9626	0.1803	0.4852	0.1677	0.6248	0.4876
23.5	0.9820	0.6264	0.9597	0.1695	0.4582	0.0648	0.5014	0.3815
23.6	0.9812	0.5624	0.9525	0.0929	0.4711	0.0103	0.5126	0.2769
23.7	0.9820	0.5543	0.9747	0.0444	0.4657	0.0022	0.5569	0.2445
23.8	0.9847	0.5600	0.9742	0.0950	0.5645	0.0491	0.6119	0.2361
23.9	0.9858	0.4589	0.9747	0.1840	0.5964	0.1094	0.6577	0.3660
24.0	0.9832	0.2773	0.9756	0.0887	0.4745	0.0871	0.6063	0.4565
24.1	0.9797	0.2460	0.9756	0.0479	0.3623	0.2015	0.5997	0.4460
24.2	0.9758	0.2381	0.9769	0.0403	0.3429	0.1607	0.4525	0.3113
24.3	0.9815	0.1442	0.9774	0.1282	0.3642	0.1623	0.5456	0.2863
24.4	0.9805	0.1173	0.9839	0.1372	0.3884	0.2048	0.6869	0.2632
24.5	0.9725	0.1044	0.9768	0.1257	0.3146	0.1357	0.5623	0.3050
24.6	0.9826	0.1232	0.9807	0.1986	0.3302	0.1768	0.4800	0.3360
24.7	0.9807	0.0687	0.9809	0.2386	0.2819	0.1753	0.4682	0.3515
24.8	0.9761	0.0937	0.9746	0.2263	0.3159	0.1564	0.5045	0.2475
24.9	0.9741	0.0237	0.9706	0.4715	0.2356	0.1899	0.5513	0.2279
25.0	0.9684	0.0180	0.9684	0.4463	0.1859	0.1033	0.4264	0.1734
25.1	0.9699	0.0349	0.9699	0.3272	0.2642	0.1343	0.3898	0.1793

25.2	0.9712	0.1037	0.9649	0.4207	0.2190	0.1313	0.3732	0.1096
25.3	0.9750	0.0890	0.9678	0.3778	0.2454	0.2291	0.2931	0.1435
25.4	0.9773	0.1306	0.9511	0.3136	0.1314	0.1449	0.2632	0.1637
25.5	0.9747	0.1123	0.9518	0.4227	0.1154	0.0967	0.2658	0.1147
25.6	0.9742	0.1490	0.9508	0.3751	0.1808	0.1071	0.4221	0.2838
25.7	0.9780	0.1931	0.9487	0.3994	0.2126	0.2282	0.3240	0.2758
25.8	0.9827	0.3266	0.9309	0.5437	0.1119	0.2576	0.2734	0.2535
25.9	0.9877	0.3903	0.9251	0.5434	0.2680	0.4334	0.4140	0.3360
26.0	0.9843	0.4124	0.9033	0.4654	0.2655	0.3630	0.4401	0.3474
26.1	0.9785	0.4614	0.8725	0.4414	0.3470	0.4030	0.4834	0.3158
26.2	0.9740	0.3261	0.8157	0.2565	0.2189	0.3514	0.2901	0.2260
26.3	0.9845	0.3284	0.7773	0.2432	0.0488	0.2094	0.2197	0.3122
26.4	0.9868	0.3312	0.7094	0.3016	0.0975	0.3054	0.2638	0.1993
26.5	0.9817	0.2104	0.6036	0.1929	0.1674	0.3508	0.3214	0.0424
26.6	0.9794	0.1465	0.5285	0.1470	0.1861	0.2247	0.2517	0.2284
26.7	0.9853	0.1943	0.5238	0.2154	0.0584	0.1867	0.3377	0.2705
26.8	0.9888	0.1623	0.5009	0.2925	0.0090	0.1773	0.2227	0.3248
26.9	0.9899	0.0207	0.6246	0.1514	0.0459	0.2928	0.3201	0.3153
27.0	0.9931	0.0081	0.7813	0.1547	0.0562	0.2932	0.5427	0.2039
27.1	0.9913	0.0094	0.8059	0.1511	0.1092	0.2492	0.4567	0.2002
27.2	0.9925	0.0355	0.8791	0.1976	0.0998	0.2015	0.4390	0.2575
27.3	0.9937	0.1173	0.8953	0.1656	0.0648	0.2194	0.4475	0.2992
27.4	0.9920	0.2720	0.9126	0.1105	0.0952	0.0479	0.2492	0.3094
27.5	0.9895	0.3160	0.9310	0.0378	0.0584	0.0346	0.1706	0.2527
27.6	0.9911	0.4785	0.9437	0.0854	0.0288	0.0785	0.2193	0.2116
27.7	0.9925	0.5371	0.9576	0.0502	0.1200	0.2017	0.3180	0.2185
27.8	0.9931	0.6082	0.9590	0.1359	0.0476	0.1223	0.3317	0.3245
27.9	0.9933	0.6477	0.9677	0.1349	0.0645	0.0610	0.3244	0.2803
28.0	0.9866	0.5885	0.9515	0.0390	0.1702	0.1336	0.2581	0.2106
28.1	0.9858	0.5966	0.9521	0.0534	0.1074	0.1230	0.1355	0.2266
28.2	0.9849	0.5752	0.9553	0.0476	0.0735	0.0887	0.0840	0.1480
28.3	0.9835	0.5755	0.9552	0.1096	0.0559	0.0620	0.0771	0.1050
28.4	0.9682	0.3965	0.9119	0.0928	0.0053	0.0250	0.0169	0.0330
28.5	0.9739	0.5245	0.9234	0.1838	0.0667	0.1697	0.1207	0.0219
28.6	0.9734	0.5857	0.9364	0.1469	0.0288	0.0931	0.0542	0.0190
28.7	0.9555	0.5351	0.9111	0.0658	0.0177	0.0621	0.0489	0.0198
28.8	0.9493	0.5669	0.8819	0.1199	0.0384	0.0483	0.0595	0.0453
28.9	0.9415	0.5134	0.8493	0.1446	0.0053	0.0198	0.0270	0.0004
29.0	0.9109	0.3298	0.8277	0.0370	0.0027	0.0050	0.0062	0.0186
29.1	0.8871	0.1752	0.7304	0.0286	0.0242	0.0182	0.0112	0.0467
29.2	0.8585	0.1832	0.6622	0.0192	0.0293	0.0194	0.0192	0.0268
29.3	0.8035	0.2461	0.6304	0.0349	0.0021	0.0102	0.0010	0.0007
29.4	0.7186	0.2580	0.6258	0.0121	0.0095	0.0013	0.0069	0.0180
29.5	0.7287	0.3094	0.4908	0.0310	0.0092	0.0099	0.0036	0.0080
29.6	0.6307	0.1757	0.3007	0.0101	0.0047	0.0073	0.0078	0.0316
29.7	0.6271	0.2543	0.1300	0.0413	0.0070	0.0128	0.0110	0.0249
29.8	0.4062	0.1329	0.1628	0.0118	0.0467	0.0330	0.0495	0.0153
29.9	0.1072	0.0478	0.1209	0.0080	0.0052	0.0591	0.0040	0.0530
30.0	0.1714	0.0411	0.1178	0.0118	0.0147	0.0333	0.0073	0.0621
30.1	0.6320	0.0341	0.3408	0.0055	0.0058	0.0078	0.0052	0.0012
30.2	0.6366	0.0139	0.5110	0.0352	0.0053	0.0246	0.0097	0.0067
30.3	0.5328	0.0702	0.5683	0.0362	0.0166	0.0562	0.0266	0.0210
30.4	0.4796	0.1715	0.6847	0.1260	0.0162	0.0161	0.0186	0.0586
30.5	0.5312	0.1343	0.6784	0.1192	0.0226	0.0004	0.0271	0.0638
30.6	0.6233	0.2376	0.6878	0.0722	0.0129	0.0301	0.0139	0.0018
30.7	0.5524	0.1357	0.7213	0.0750	0.0276	0.0626	0.0551	0.0055
30.8	0.5157	0.0067	0.7893	0.0942	0.0082	0.0009	0.0018	0.0020
30.9	0.5797	0.0177	0.8156	0.0331	0.0130	0.0247	0.0132	0.0210
31.0	0.6203	0.0304	0.8504	0.0135	0.0124	0.0168	0.0471	0.0315
31.1	0.4671	0.0173	0.8213	0.0151	0.0103	0.0169	0.0321	0.0157
31.2	0.5356	0.0885	0.8164	0.0415	0.0091	0.0109	0.0298	0.0087
31.3	0.5391	0.1090	0.7665	0.0484	0.0275	0.0220	0.0568	0.0188
31.4	0.5393	0.0703	0.8083	0.0403	0.0253	0.0145	0.0200	0.0053
31.5	0.4773	0.1049	0.8174	0.0112	0.0266	0.0178	0.0195	0.0233
31.6	0.6493	0.2194	0.8445	0.0577	0.0260	0.0196	0.0282	0.0387
31.7	0.6397	0.2754	0.8153	0.0551	0.0118	0.0073	0.0341	0.0401
31.8	0.7653	0.4212	0.8301	0.0310	0.0547	0.0361	0.1018	0.0207
31.9	0.7859	0.3989	0.8416	0.0136	0.0412	0.0418	0.0729	0.0275
32.0	0.7313	0.2743	0.7601	0.0747	0.0407	0.0515	0.0472	0.0650
32.1	0.6936	0.4587	0.7409	0.1769	0.0286	0.0099	0.0233	0.0323
32.2	0.7990	0.5031	0.7893	0.1688	0.0557	0.0211	0.0662	0.0574
32.3	0.8013	0.4377	0.7840	0.0984	0.0302	0.0125	0.0763	0.0501
32.4	0.7270	0.4419	0.7534	0.1979	0.0606	0.0709	0.1037	0.1194
32.5	0.7674	0.4949	0.8198	0.1636	0.0906	0.0257	0.1180	0.0745
32.6	0.8184	0.5637	0.8175	0.0300	0.1320	0.0372	0.1090	0.0733
32.7	0.8486	0.5387	0.7768	0.0261	0.0988	0.0014	0.0708	0.0517
32.8	0.9068	0.5461	0.7885	0.0210	0.0717	0.0413	0.0835	0.0513
32.9	0.8968	0.5179	0.7761	0.0103	0.0895	0.0193	0.0501	0.1326
33.0	0.9214	0.4941	0.7418	0.0154	0.0525	0.0097	0.0056	0.2225
33.1	0.9310	0.6151	0.7838	0.0387	0.0470	0.0390	0.0534	0.1810
33.2	0.9467	0.7074	0.8516	0.1298	0.0455	0.1145	0.0554	0.2232
33.3	0.9542	0.6272	0.7754	0.1116	0.0099	0.0518	0.0010	0.1173
33.4	0.9347	0.5299	0.6337	0.1087	0.0261	0.0201	0.0288	0.1527
33.5	0.9360	0.5629	0.7131	0.0923	0.1136	0.0651	0.1754	0.3383
33.6	0.9409	0.6082	0.7795	0.1340	0.1048	0.0833	0.1955	0.3277
33.7	0.9441	0.6399	0.7876	0.2559	0.0143	0.0425	0.2478	0.1604

33.8	0.9259	0.5016	0.7444	0.2593	0.0119	0.0183	0.2515	0.0836
33.9	0.9077	0.4818	0.8137	0.2816	0.0995	0.0656	0.2025	0.0934
34.0	0.9215	0.6281	0.8376	0.2684	0.0741	0.0307	0.3496	0.0740
34.1	0.9434	0.7381	0.8475	0.3156	0.0324	0.0174	0.3689	0.0063
34.2	0.9414	0.6046	0.8378	0.3151	0.0094	0.0124	0.3373	0.0324
34.3	0.9335	0.5760	0.8503	0.3155	0.0306	0.0728	0.2566	0.0064
34.4	0.8714	0.5699	0.7571	0.1252	0.0173	0.0091	0.3078	0.0482
34.5	0.7944	0.5577	0.6205	0.0125	0.0626	0.0307	0.1415	0.0641
34.6	0.7660	0.6475	0.7711	0.0268	0.0102	0.0345	0.0254	0.0293
34.7	0.7416	0.7304	0.7711	0.0761	0.0144	0.0550	0.0462	0.0500
34.8	0.6333	0.6131	0.6909	0.0159	0.0042	0.0378	0.0609	0.0616
34.9	0.6413	0.6453	0.7714	0.0086	0.0352	0.0302	0.0313	0.1021
35.0	0.6491	0.7006	0.8403	0.0731	0.0416	0.0346	0.0399	0.1411
35.1	0.6166	0.7265	0.8558	0.2083	0.0037	0.0863	0.0253	0.0646
35.2	0.6635	0.6920	0.8832	0.1371	0.0053	0.1466	0.0536	0.0596
35.3	0.6535	0.5408	0.8116	0.1076	0.0091	0.0310	0.0991	0.0533
35.4	0.7327	0.5061	0.8515	0.1530	0.0299	0.0262	0.0944	0.1885
35.5	0.7001	0.4862	0.8662	0.0960	0.0472	0.0175	0.0296	0.1157
35.6	0.7022	0.3105	0.8644	0.0452	0.0106	0.0161	0.0225	0.0875
35.7	0.7840	0.3854	0.9003	0.0489	0.0069	0.0543	0.0422	0.1257
35.8	0.8150	0.3978	0.9043	0.0880	0.0180	0.0296	0.0627	0.1591
35.9	0.8582	0.4315	0.9238	0.1579	0.0366	0.0154	0.0829	0.1961
36.0	0.8728	0.4367	0.9485	0.0861	0.0258	0.0394	0.1133	0.2589
36.1	0.8167	0.3844	0.9326	0.0317	0.0285	0.0015	0.1529	0.1945
36.2	0.8697	0.5356	0.9231	0.1186	0.0280	0.0604	0.1141	0.2588
36.3	0.8861	0.4743	0.9130	0.1069	0.1192	0.0028	0.1660	0.4696
36.4	0.8932	0.5038	0.9244	0.0459	0.0869	0.0119	0.2395	0.3977
36.5	0.9103	0.5668	0.9505	0.0200	0.0320	0.0260	0.2315	0.2808
36.6	0.9406	0.6376	0.9447	0.0782	0.0222	0.0090	0.1827	0.3460
36.7	0.9388	0.5784	0.9261	0.0182	0.0046	0.0244	0.3241	0.1672
36.8	0.9289	0.6080	0.9279	0.1251	0.0159	0.0521	0.2683	0.2807
36.9	0.9517	0.6565	0.9400	0.2040	0.0182	0.0482	0.3023	0.3305
37.0	0.9395	0.5797	0.9461	0.1130	0.0101	0.0486	0.2897	0.1413
37.1	0.9450	0.6521	0.9384	0.2304	0.0853	0.1866	0.2179	0.1692
37.2	0.9641	0.7007	0.9396	0.2518	0.0383	0.1194	0.2540	0.1483
37.3	0.8910	0.5679	0.9270	0.3059	0.0007	0.0921	0.2099	0.1364
37.4	0.6906	0.4433	0.8474	0.2342	0.0411	0.0655	0.0941	0.0134
37.5	0.8142	0.5739	0.8933	0.3026	0.0321	0.1149	0.1047	0.0317
37.6	0.9598	0.7000	0.9385	0.4444	0.0078	0.0948	0.1676	0.1896
37.7	0.9611	0.6760	0.9043	0.3245	0.0324	0.0599	0.1004	0.2755
37.8	0.9756	0.7890	0.9312	0.5100	0.0711	0.1686	0.1865	0.4214
37.9	0.9745	0.7480	0.9432	0.4583	0.0560	0.2138	0.3140	0.4013
38.0	0.9692	0.7010	0.9006	0.5029	0.0411	0.3196	0.4283	0.3937
38.1	0.9739	0.6792	0.9015	0.4162	0.0196	0.3894	0.4590	0.4734
38.2	0.9775	0.7128	0.9051	0.5094	0.0261	0.4111	0.5031	0.5097
38.3	0.9819	0.7260	0.9017	0.6269	0.0439	0.4128	0.4300	0.4997
38.4	0.9809	0.7085	0.8899	0.5903	0.0592	0.5170	0.4444	0.4422
38.5	0.9807	0.7103	0.8677	0.5479	0.1295	0.5491	0.4717	0.4056
38.6	0.9708	0.7581	0.8387	0.6317	0.0822	0.3752	0.4098	0.4001
38.7	0.9545	0.6746	0.7867	0.5429	0.1171	0.2630	0.2974	0.2894
38.8	0.9622	0.6297	0.8402	0.5153	0.1416	0.2752	0.3461	0.1918
38.9	0.9659	0.7000	0.8543	0.5126	0.1119	0.4087	0.4461	0.2040
39.0	0.9601	0.7600	0.8368	0.5045	0.1245	0.4499	0.5097	0.1796
39.1	0.9672	0.7015	0.8107	0.3918	0.0927	0.3586	0.3883	0.1506
39.2	0.9718	0.7507	0.7606	0.4431	0.1521	0.4790	0.2431	0.2061
39.3	0.9661	0.6954	0.7578	0.3344	0.1965	0.5396	0.1364	0.2405
39.4	0.9566	0.7271	0.7038	0.3173	0.1042	0.4818	0.0397	0.1469
39.5	0.9530	0.6963	0.5338	0.4465	0.1864	0.5996	0.0700	0.1536
39.6	0.9664	0.7720	0.5761	0.5185	0.2534	0.6256	0.0641	0.2283
39.7	0.9559	0.7948	0.6623	0.3937	0.0817	0.6642	0.0515	0.2312
39.8	0.9587	0.7792	0.4661	0.4542	0.1360	0.5348	0.1949	0.2427
39.9	0.9792	0.7171	0.4046	0.4173	0.1643	0.5970	0.1231	0.2084
40.0	0.9741	0.5983	0.4034	0.3084	0.1618	0.5667	0.1085	0.1546
40.1	0.9753	0.6657	0.4055	0.2916	0.2290	0.6083	0.1168	0.1915
40.2	0.9677	0.6551	0.3094	0.2842	0.2208	0.5107	0.1658	0.1090
40.3	0.9682	0.6807	0.3317	0.2816	0.2836	0.5740	0.2425	0.1914
40.4	0.9655	0.7223	0.2579	0.3445	0.1897	0.6089	0.2640	0.1797
40.5	0.9652	0.6903	0.2000	0.3636	0.1193	0.5950	0.2661	0.1594
40.6	0.9651	0.6771	0.1138	0.2439	0.0387	0.6320	0.2599	0.1810
40.7	0.9423	0.6273	0.0297	0.2385	0.0637	0.6454	0.2863	0.1561
40.8	0.9565	0.6133	0.1181	0.2459	0.0964	0.6330	0.2699	0.1220
40.9	0.9568	0.5763	0.1303	0.2160	0.0891	0.5948	0.2975	0.1007
41.0	0.9388	0.5225	0.2157	0.1794	0.0131	0.6022	0.3739	0.2606
41.1	0.9405	0.5702	0.1906	0.2949	0.0364	0.6743	0.4803	0.2958
41.2	0.9490	0.5382	0.3012	0.2177	0.0350	0.6937	0.4587	0.2013
41.3	0.9438	0.6272	0.2734	0.2782	0.0218	0.6679	0.4653	0.2088
41.4	0.9319	0.6925	0.1564	0.4340	0.1617	0.6241	0.5980	0.2039
41.5	0.9319	0.6160	0.2399	0.3781	0.0638	0.6483	0.6673	0.2144
41.6	0.9333	0.5170	0.4005	0.3240	0.0709	0.6501	0.6070	0.2807
41.7	0.9490	0.5507	0.4092	0.3043	0.0808	0.6626	0.5338	0.2102
41.8	0.9437	0.5197	0.4420	0.3067	0.1182	0.6693	0.6016	0.2248
41.9	0.9240	0.5045	0.4054	0.3415	0.1397	0.6247	0.6912	0.2528
42.0	0.9349	0.6397	0.4755	0.5541	0.2877	0.7347	0.6734	0.2525
42.1	0.9441	0.5749	0.4643	0.4973	0.2067	0.6916	0.5243	0.0626
42.2	0.9262	0.4353	0.5179	0.3505	0.3304	0.6422	0.5139	0.1052
42.3	0.9381	0.4821	0.6203	0.3926	0.4407	0.6528	0.5671	0.1605

42.4	0.9213	0.4156	0.5579	0.3527	0.2635	0.4721	0.5452	0.1611
42.5	0.9420	0.4807	0.5842	0.3674	0.3163	0.5243	0.6536	0.1916
42.6	0.9187	0.3954	0.6431	0.2952	0.3063	0.5674	0.4985	0.0798
42.7	0.9231	0.4383	0.6019	0.3245	0.4367	0.5475	0.4554	0.0433
42.8	0.9484	0.4546	0.6664	0.3793	0.4782	0.4626	0.4693	0.0322
42.9	0.9499	0.3615	0.6490	0.3571	0.3334	0.3740	0.5272	0.1049
43.0	0.9656	0.3131	0.7037	0.2860	0.5424	0.5031	0.5055	0.0699
43.1	0.9487	0.2554	0.6734	0.2370	0.3897	0.4156	0.3367	0.0581
43.2	0.9214	0.2340	0.6690	0.2541	0.3596	0.4728	0.2326	0.0466
43.3	0.9029	0.2130	0.6619	0.2974	0.3598	0.5031	0.3127	0.0832
43.4	0.9350	0.2858	0.7650	0.3898	0.4493	0.5250	0.3366	0.0754
43.5	0.9617	0.1918	0.7927	0.1920	0.5171	0.3658	0.3973	0.1421
43.6	0.9741	0.1260	0.7839	0.1820	0.3160	0.3579	0.4599	0.1280
43.7	0.9713	0.2811	0.8738	0.3447	0.4705	0.6103	0.5760	0.1659
43.8	0.9574	0.2396	0.8678	0.2431	0.5273	0.6659	0.4390	0.2227
43.9	0.9532	0.2059	0.7869	0.2635	0.4860	0.5976	0.4914	0.1622
44.0	0.9691	0.2114	0.8574	0.3801	0.4080	0.5600	0.6010	0.1377
44.1	0.9689	0.3565	0.8909	0.3934	0.5567	0.5362	0.5846	0.0854
44.2	0.9487	0.2071	0.8873	0.3323	0.5045	0.5892	0.6190	0.0765
44.3	0.9668	0.1508	0.9303	0.3591	0.4680	0.6271	0.5308	0.1265
44.4	0.9686	0.2417	0.9360	0.3816	0.4901	0.5866	0.4611	0.2233
44.5	0.9546	0.2619	0.9031	0.4315	0.4270	0.6557	0.4452	0.2401
44.6	0.9433	0.1890	0.8325	0.4092	0.3866	0.7138	0.3263	0.2222
44.7	0.9373	0.0851	0.8006	0.3045	0.3557	0.7688	0.2870	0.1853
44.8	0.9440	0.0726	0.7993	0.2584	0.2477	0.7441	0.2130	0.2184
44.9	0.9459	0.0477	0.8162	0.2934	0.2394	0.7048	0.1840	0.2233
45.0	0.9506	0.0231	0.8451	0.1965	0.1788	0.5260	0.3499	0.2866
45.1	0.9780	0.0045	0.9155	0.2181	0.3199	0.6357	0.3362	0.4657
45.2	0.9525	0.1067	0.9024	0.3122	0.2651	0.6305	0.3222	0.4108
45.3	0.9310	0.1994	0.8210	0.3331	0.2941	0.5005	0.4082	0.3604
45.4	0.9632	0.1723	0.8458	0.2470	0.3486	0.6126	0.2910	0.3714
45.5	0.9425	0.2471	0.8597	0.3356	0.4009	0.6609	0.2545	0.3559
45.6	0.9440	0.1857	0.8978	0.2741	0.5134	0.6273	0.2586	0.3705
45.7	0.9528	0.1915	0.9050	0.2791	0.5154	0.6411	0.2649	0.3211
45.8	0.9656	0.2263	0.8905	0.3262	0.4775	0.6562	0.2644	0.3748
45.9	0.9701	0.4454	0.9110	0.4908	0.5939	0.7481	0.3726	0.5036
46.0	0.9432	0.4222	0.8676	0.5066	0.6191	0.7463	0.4346	0.4826
46.1	0.8849	0.3098	0.7889	0.4273	0.6273	0.7302	0.3371	0.4479
46.2	0.9458	0.2542	0.8822	0.3771	0.5713	0.7251	0.2873	0.5094
46.3	0.9460	0.3138	0.9077	0.3994	0.5817	0.7754	0.3552	0.4877
46.4	0.9474	0.4087	0.8986	0.5754	0.5856	0.8048	0.5246	0.4340
46.5	0.9417	0.3353	0.8827	0.5424	0.5084	0.7809	0.5576	0.4956
46.6	0.9541	0.4121	0.8972	0.5554	0.6567	0.5992	0.6530	0.5416
46.7	0.9459	0.3389	0.9121	0.5562	0.6814	0.4121	0.7798	0.5806
46.8	0.9257	0.2152	0.8408	0.4135	0.6755	0.1986	0.6863	0.5959
46.9	0.9573	0.3538	0.8201	0.3185	0.7880	0.2952	0.7049	0.5503
47.0	0.9610	0.4208	0.8376	0.3795	0.8072	0.4471	0.8008	0.5740
47.1	0.9442	0.3939	0.8498	0.4161	0.7693	0.3058	0.8035	0.5149
47.2	0.9212	0.3855	0.8583	0.4580	0.8360	0.1603	0.8271	0.5846
47.3	0.9189	0.2351	0.8003	0.3788	0.7950	0.1045	0.7658	0.6304
47.4	0.9511	0.1206	0.7497	0.2165	0.7457	0.3222	0.7294	0.5692
47.5	0.9516	0.2781	0.7400	0.1652	0.7317	0.4416	0.7251	0.5064
47.6	0.8934	0.4952	0.7416	0.2424	0.7225	0.4160	0.6805	0.3709
47.7	0.9088	0.5720	0.8448	0.4072	0.8132	0.4830	0.7097	0.4134
47.8	0.9438	0.5875	0.8584	0.3740	0.7982	0.4941	0.6036	0.3162
47.9	0.9357	0.6173	0.8552	0.3636	0.8038	0.6574	0.6948	0.2345
48.0	0.9062	0.5980	0.8587	0.3859	0.7687	0.5671	0.6183	0.3574
48.1	0.9302	0.4651	0.8767	0.2856	0.7754	0.5434	0.6026	0.5957
48.2	0.9503	0.4684	0.8801	0.3292	0.7995	0.5675	0.6756	0.4787
48.3	0.9614	0.5114	0.8686	0.2997	0.7252	0.5854	0.6176	0.4042
48.4	0.9433	0.5555	0.8043	0.2510	0.6742	0.5576	0.5426	0.4571
48.5	0.9639	0.5918	0.8217	0.1872	0.7313	0.3631	0.5779	0.4277
48.6	0.9773	0.5426	0.8775	0.2161	0.7891	0.3871	0.5183	0.4803
48.7	0.9762	0.6249	0.9301	0.2209	0.7913	0.3755	0.5878	0.4954
48.8	0.9635	0.6990	0.9192	0.3575	0.7802	0.1963	0.3859	0.4545
48.9	0.8904	0.7067	0.8113	0.4078	0.7704	0.0683	0.2496	0.4371
49.0	0.8510	0.6860	0.7521	0.2432	0.7306	0.2107	0.3015	0.3995
49.1	0.9548	0.6406	0.8394	0.1526	0.7860	0.4004	0.3214	0.5356
49.2	0.9685	0.4758	0.8001	0.0814	0.7613	0.3857	0.2660	0.4811
49.3	0.9653	0.5490	0.8538	0.0614	0.8260	0.4435	0.4190	0.3551
49.4	0.9676	0.6838	0.8682	0.2382	0.8653	0.3371	0.5472	0.4980
49.5	0.9681	0.6259	0.8026	0.1593	0.8391	0.3977	0.5400	0.6194
49.6	0.9704	0.5677	0.8010	0.1338	0.8110	0.5416	0.4857	0.5610
49.7	0.9485	0.4967	0.7597	0.1687	0.7871	0.4784	0.3283	0.4587
49.8	0.9546	0.4050	0.8589	0.1732	0.7457	0.5153	0.3195	0.4050
49.9	0.9683	0.3497	0.8729	0.1195	0.7590	0.4948	0.3820	0.3949
50.0	0.9700	0.2601	0.7964	0.1800	0.7741	0.2891	0.3659	0.5153
50.1	0.9794	0.4346	0.8505	0.1915	0.7766	0.3989	0.2955	0.4513
50.2	0.9810	0.6952	0.8757	0.2215	0.7405	0.3478	0.1805	0.4354
50.3	0.9770	0.7744	0.8452	0.2622	0.6657	0.2901	0.1635	0.4616
50.4	0.9642	0.7439	0.7762	0.1139	0.5436	0.1939	0.1172	0.4094
50.5	0.9618	0.6894	0.7166	0.0588	0.6529	0.2312	0.0127	0.4437
50.6	0.9583	0.5678	0.7927	0.0193	0.6419	0.1869	0.0686	0.3542
50.7	0.9693	0.6909	0.8709	0.0942	0.5906	0.0653	0.0916	0.3354
50.8	0.9801	0.7188	0.8441	0.2740	0.5728	0.1447	0.1646	0.3124
50.9	0.9753	0.6458	0.8426	0.3772	0.5824	0.0458	0.2589	0.2978

51.0	0.9633	0.7629	0.8349	0.3680	0.6186	0.2873	0.2341	0.3646
51.1	0.9293	0.7628	0.7166	0.2679	0.4901	0.4199	0.3047	0.3773
51.2	0.9060	0.7424	0.8233	0.2593	0.5834	0.3664	0.5156	0.3767
51.3	0.9538	0.6303	0.8769	0.2374	0.7049	0.1871	0.5316	0.2286
51.4	0.9723	0.6044	0.8462	0.1764	0.6763	0.1841	0.6081	0.2163
51.5	0.9563	0.7069	0.7881	0.2455	0.7309	0.4098	0.6425	0.2336
51.6	0.9458	0.7413	0.6405	0.2365	0.6403	0.6343	0.6178	0.4023
51.7	0.9718	0.7476	0.8622	0.1978	0.6720	0.6097	0.7270	0.4423
51.8	0.9686	0.7698	0.8841	0.2345	0.7385	0.7463	0.7772	0.4294
51.9	0.9732	0.7569	0.8062	0.1013	0.7005	0.7741	0.7555	0.3844
52.0	0.9640	0.7264	0.8167	0.0679	0.5384	0.7237	0.7521	0.5694
52.1	0.9362	0.8225	0.9227	0.1341	0.5594	0.7288	0.7792	0.6392
52.2	0.9694	0.8484	0.9441	0.2506	0.6763	0.6587	0.7675	0.3286
52.3	0.9785	0.8411	0.9367	0.2367	0.5787	0.5433	0.6796	0.2221
52.4	0.9651	0.8497	0.9192	0.1629	0.5322	0.5261	0.6187	0.1762
52.5	0.9749	0.8641	0.8685	0.1138	0.6489	0.5966	0.7160	0.2667
52.6	0.9765	0.8648	0.9111	0.1943	0.7054	0.7175	0.7932	0.3986
52.7	0.9717	0.8846	0.8978	0.1606	0.7668	0.7717	0.7855	0.4635
52.8	0.9656	0.8926	0.8124	0.0667	0.7525	0.8162	0.7235	0.6024
52.9	0.9739	0.9138	0.9155	0.0588	0.6583	0.8411	0.6898	0.7380
53.0	0.9685	0.9294	0.9764	0.1221	0.6940	0.8596	0.6503	0.6587
53.1	0.9807	0.9347	0.9835	0.2459	0.7219	0.7633	0.5102	0.6455
53.2	0.9861	0.9287	0.9742	0.2015	0.6070	0.7830	0.2733	0.6494
53.3	0.9790	0.9260	0.9593	0.2347	0.4624	0.7843	0.1074	0.4730
53.4	0.9456	0.8787	0.9496	0.2518	0.4907	0.8224	0.0461	0.2995
53.5	0.9420	0.9095	0.9550	0.1271	0.7057	0.7758	0.3164	0.2156
53.6	0.9730	0.9132	0.9484	0.1526	0.7977	0.8075	0.4455	0.4982
53.7	0.9767	0.9032	0.9433	0.0460	0.6822	0.8397	0.4477	0.5391
53.8	0.9741	0.9435	0.9429	0.0982	0.6637	0.8944	0.5520	0.6847
53.9	0.9815	0.9423	0.9644	0.1575	0.7023	0.9488	0.6533	0.7200
54.0	0.9853	0.9372	0.9695	0.1782	0.5421	0.9245	0.6138	0.7635
54.1	0.9701	0.9516	0.9514	0.3379	0.6139	0.9174	0.6722	0.6795
54.2	0.9536	0.9650	0.8928	0.5263	0.7040	0.9251	0.7130	0.7249
54.3	0.9833	0.9580	0.9573	0.4227	0.7510	0.9423	0.7794	0.8142
54.4	0.9844	0.9352	0.9664	0.2445	0.7550	0.9362	0.7790	0.8207
54.5	0.9874	0.9438	0.9795	0.2407	0.7419	0.9530	0.7816	0.8201
54.6	0.9744	0.9178	0.9683	0.1559	0.7599	0.9433	0.7479	0.8084
54.7	0.9726	0.9208	0.9665	0.3286	0.7952	0.9469	0.7987	0.8488
54.8	0.9773	0.9083	0.9633	0.2079	0.7154	0.9262	0.8297	0.8867
54.9	0.9767	0.8945	0.9665	0.1478	0.6432	0.9191	0.7969	0.8325
55.0	0.9848	0.8763	0.9842	0.1391	0.6392	0.9165	0.7502	0.7397
55.1	0.9811	0.8305	0.9855	0.0841	0.6584	0.8880	0.6236	0.6908
55.2	0.9807	0.7564	0.9839	0.0739	0.5194	0.8701	0.5146	0.6300
55.3	0.9812	0.8084	0.9900	0.2345	0.6532	0.8633	0.5967	0.5547
55.4	0.9765	0.8151	0.9831	0.2541	0.8026	0.8591	0.4791	0.5015
55.5	0.9457	0.7633	0.9580	0.1457	0.7650	0.8438	0.5639	0.6338
55.6	0.9656	0.8169	0.9708	0.3225	0.7835	0.8927	0.6123	0.7966
55.7	0.9808	0.7901	0.9892	0.1636	0.7578	0.8863	0.5300	0.7355
55.8	0.9786	0.7639	0.9916	0.0515	0.7879	0.8441	0.4405	0.5288
55.9	0.9673	0.7439	0.9903	0.2349	0.8284	0.7912	0.3819	0.5914
56.0	0.9503	0.6665	0.9783	0.1298	0.8308	0.7374	0.3470	0.6713
56.1	0.9464	0.7733	0.9753	0.2102	0.8023	0.8059	0.6199	0.8302
56.2	0.9759	0.8505	0.9900	0.3878	0.8265	0.8722	0.5836	0.7805
56.3	0.9726	0.8071	0.9906	0.3017	0.7994	0.8379	0.4656	0.6499
56.4	0.9581	0.6980	0.9891	0.2274	0.7959	0.7866	0.4053	0.6788
56.5	0.9601	0.6850	0.9882	0.2256	0.8604	0.8215	0.4862	0.7280
56.6	0.9736	0.6654	0.9891	0.1870	0.8602	0.8565	0.5305	0.7550
56.7	0.9781	0.5542	0.9912	0.2154	0.8401	0.8704	0.4998	0.7578
56.8	0.9836	0.4909	0.9935	0.1665	0.8804	0.8778	0.5340	0.8117
56.9	0.9781	0.4073	0.9923	0.1674	0.8596	0.8195	0.4045	0.7724
57.0	0.9734	0.4078	0.9890	0.1684	0.8134	0.8119	0.4543	0.8006
57.1	0.9738	0.3353	0.9878	0.2379	0.8185	0.8126	0.4976	0.8301
57.2	0.9699	0.5002	0.9814	0.2465	0.8618	0.9011	0.6566	0.8929
57.3	0.9786	0.6147	0.9858	0.2033	0.8532	0.9197	0.6913	0.8878
57.4	0.9780	0.6212	0.9846	0.1973	0.8123	0.8880	0.5763	0.8170
57.5	0.9816	0.6477	0.9909	0.3925	0.7823	0.8484	0.6008	0.7917
57.6	0.9622	0.4686	0.9823	0.2580	0.7134	0.7721	0.5061	0.7060
57.7	0.9609	0.3311	0.9824	0.2590	0.7697	0.8040	0.6060	0.7255
57.8	0.9737	0.5393	0.9907	0.3247	0.7591	0.7826	0.7374	0.8077
57.9	0.9696	0.6232	0.9910	0.4419	0.7614	0.7716	0.6966	0.8182
58.0	0.9739	0.6786	0.9911	0.5001	0.7943	0.7982	0.7177	0.8267
58.1	0.9689	0.6774	0.9879	0.4354	0.7289	0.7050	0.6969	0.8162
58.2	0.9677	0.5622	0.9871	0.3397	0.7225	0.6348	0.6664	0.8645
58.3	0.9669	0.5509	0.9874	0.2573	0.6653	0.5986	0.6318	0.8668
58.4	0.9543	0.4404	0.9760	0.3027	0.5952	0.5609	0.5693	0.7033
58.5	0.9723	0.4064	0.9665	0.3438	0.4145	0.4382	0.4525	0.6230
58.6	0.9639	0.4344	0.9514	0.2271	0.3133	0.3506	0.3141	0.5151
58.7	0.9639	0.5421	0.9762	0.3412	0.5655	0.5442	0.5040	0.7990
58.8	0.9691	0.4587	0.9879	0.3853	0.7348	0.6417	0.7197	0.8791
58.9	0.9572	0.4579	0.9853	0.2810	0.4246	0.4660	0.5949	0.8302
59.0	0.9551	0.3103	0.9744	0.3226	0.0681	0.3720	0.5811	0.5187
59.1	0.9599	0.3556	0.9785	0.2949	0.1790	0.4690	0.5847	0.6133
59.2	0.9668	0.4394	0.9870	0.2726	0.7563	0.5779	0.6863	0.8152
59.3	0.9677	0.5293	0.9834	0.3050	0.7709	0.5507	0.5817	0.8014
59.4	0.9653	0.5219	0.9842	0.2423	0.7573	0.3805	0.6082	0.7861
59.5	0.9734	0.5305	0.9875	0.3189	0.8193	0.3621	0.7085	0.8467

59.6	0.9676	0.4429	0.9860	0.1851	0.7986	0.2559	0.6867	0.7905
59.7	0.9764	0.4058	0.9852	0.3088	0.8404	0.2159	0.7023	0.8063
59.8	0.9639	0.0890	0.8675	0.2383	0.3675	0.0810	0.2219	0.7274
59.9	0.9366	0.0315	0.0707	0.0304	0.2584	0.0877	0.1043	0.5765
60.0	0.8570	0.0243	0.0415	0.0173	0.4747	0.0796	0.4988	0.5401
60.1	0.9267	0.0213	0.0497	0.0123	0.8036	0.0853	0.7822	0.6482
60.2	0.9628	0.0467	0.6646	0.0474	0.8445	0.0054	0.7596	0.6851
60.3	0.9673	0.2811	0.9609	0.2079	0.8300	0.0509	0.8307	0.7462
60.4	0.9760	0.6402	0.9914	0.3156	0.8351	0.1131	0.8484	0.6932
60.5	0.9722	0.6972	0.9910	0.3073	0.7995	0.0437	0.8290	0.6370
60.6	0.9729	0.6484	0.9910	0.2948	0.7641	0.0405	0.8336	0.6891
60.7	0.9604	0.5811	0.9906	0.3111	0.6613	0.0184	0.7920	0.5356
60.8	0.9673	0.4792	0.9892	0.3475	0.6449	0.0508	0.7729	0.5341
60.9	0.9789	0.6822	0.9932	0.5100	0.7422	0.2286	0.8347	0.6662
61.0	0.9826	0.6827	0.9941	0.5557	0.7494	0.2929	0.8798	0.5876
61.1	0.9697	0.5708	0.9929	0.4492	0.6805	0.3906	0.8457	0.4984
61.2	0.9608	0.5768	0.9925	0.4177	0.6507	0.4263	0.8349	0.3977
61.3	0.9589	0.6357	0.9901	0.3893	0.6689	0.2916	0.7959	0.2450
61.4	0.9587	0.5328	0.9889	0.4573	0.7095	0.2963	0.7347	0.1683
61.5	0.9638	0.4501	0.9886	0.3763	0.7473	0.4462	0.7778	0.1446
61.6	0.9660	0.5399	0.9897	0.4712	0.7552	0.4994	0.8038	0.1453
61.7	0.9641	0.5596	0.9910	0.5891	0.7914	0.6091	0.7486	0.0885
61.8	0.9632	0.5036	0.9912	0.4974	0.7751	0.6389	0.6235	0.1416
61.9	0.9717	0.5810	0.9908	0.6609	0.8334	0.6537	0.5365	0.3229
62.0	0.9819	0.6985	0.9912	0.7218	0.8358	0.7593	0.6253	0.5407
62.1	0.9812	0.7159	0.9937	0.7163	0.8808	0.8522	0.6561	0.4644
62.2	0.9727	0.6061	0.9930	0.6340	0.9143	0.8372	0.5782	0.4887
62.3	0.9721	0.4566	0.9919	0.5494	0.9268	0.8350	0.5713	0.4784
62.4	0.9805	0.5454	0.9927	0.6254	0.9054	0.8953	0.6441	0.5910
62.5	0.9813	0.5617	0.9936	0.7240	0.9084	0.8979	0.6383	0.6233
62.6	0.9730	0.5406	0.9925	0.7170	0.9209	0.8603	0.6225	0.5205
62.7	0.9724	0.5185	0.9913	0.6858	0.9039	0.8232	0.5678	0.4964
62.8	0.9808	0.6756	0.9942	0.7095	0.9299	0.8704	0.5971	0.5285
62.9	0.9807	0.6606	0.9957	0.7515	0.9459	0.8701	0.5299	0.5369
63.0	0.9847	0.6297	0.9949	0.7794	0.9570	0.8819	0.5719	0.5429
63.1	0.9866	0.6443	0.9939	0.7654	0.9460	0.8717	0.4640	0.5280
63.2	0.9882	0.7251	0.9956	0.7734	0.9556	0.9052	0.5918	0.4474
63.3	0.9896	0.7344	0.9969	0.7894	0.9700	0.9264	0.5832	0.5222
63.4	0.9858	0.6864	0.9966	0.7630	0.9613	0.9144	0.4401	0.4817
63.5	0.9903	0.6593	0.9942	0.7048	0.9455	0.8997	0.4052	0.2891
63.6	0.9928	0.6801	0.9953	0.6886	0.9696	0.9358	0.4519	0.4353
63.7	0.9882	0.5795	0.9954	0.5936	0.9575	0.9293	0.4482	0.3881
63.8	0.9904	0.5701	0.9964	0.6970	0.9613	0.9309	0.4227	0.4496
63.9	0.9903	0.6144	0.9958	0.6581	0.9596	0.9437	0.4038	0.4800
64.0	0.9864	0.6618	0.9957	0.6744	0.9712	0.9381	0.2272	0.3786
64.1	0.9865	0.6027	0.9934	0.6864	0.9701	0.9248	0.0830	0.2904
64.2	0.9888	0.6128	0.9942	0.6387	0.9683	0.9376	0.1908	0.2093
64.3	0.9908	0.7043	0.9955	0.6442	0.9571	0.9553	0.2152	0.2931
64.4	0.9866	0.6747	0.9956	0.4956	0.9695	0.9374	0.3524	0.3973
64.5	0.9862	0.6357	0.9957	0.4700	0.9669	0.9321	0.5446	0.5909
64.6	0.9891	0.6633	0.9958	0.4934	0.9537	0.9229	0.5416	0.6644
64.7	0.9888	0.7031	0.9953	0.4889	0.9502	0.9259	0.6341	0.6626
64.8	0.9863	0.7583	0.9946	0.4971	0.9475	0.9379	0.7434	0.7335
64.9	0.9814	0.7967	0.9923	0.4570	0.9522	0.9297	0.7769	0.6537
65.0	0.9888	0.8243	0.9954	0.5819	0.9673	0.9458	0.8824	0.6804
65.1	0.9870	0.8197	0.9939	0.5168	0.9625	0.9417	0.8905	0.6804
65.2	0.9872	0.8294	0.9939	0.5233	0.9655	0.9514	0.8982	0.6293
65.3	0.9868	0.7939	0.9942	0.5126	0.9707	0.9386	0.9165	0.4512
65.4	0.9862	0.8221	0.9940	0.5995	0.9730	0.9181	0.9353	0.3564
65.5	0.9896	0.8883	0.9945	0.7467	0.9776	0.9256	0.9523	0.2867
65.6	0.9927	0.8992	0.9950	0.7174	0.9759	0.9248	0.9655	0.2918
65.7	0.9918	0.9044	0.9962	0.7144	0.9748	0.9052	0.9608	0.3797
65.8	0.9875	0.8864	0.9947	0.7299	0.9757	0.8515	0.9640	0.3150
65.9	0.9836	0.8755	0.9916	0.7392	0.9741	0.8221	0.9551	0.2557
66.0	0.9802	0.8584	0.9908	0.7858	0.9736	0.8177	0.9376	0.2495
66.1	0.9858	0.9054	0.9949	0.8052	0.9836	0.8512	0.9702	0.4164
66.2	0.9887	0.9204	0.9949	0.7621	0.9839	0.8581	0.9690	0.4470
66.3	0.9856	0.9268	0.9937	0.7532	0.9840	0.8817	0.9723	0.5024
66.4	0.9888	0.9355	0.9957	0.6988	0.9858	0.9121	0.9744	0.5831
66.5	0.9864	0.9191	0.9949	0.6213	0.9796	0.8811	0.9622	0.6564
66.6	0.9837	0.8881	0.9939	0.5652	0.9710	0.8657	0.9659	0.6584
66.7	0.9862	0.9185	0.9955	0.5702	0.9831	0.9250	0.9714	0.8052
66.8	0.9903	0.9180	0.9960	0.5709	0.9906	0.9410	0.9711	0.8717
66.9	0.9899	0.9266	0.9951	0.5747	0.9835	0.9255	0.9634	0.8625
67.0	0.9841	0.9253	0.9943	0.5336	0.9782	0.8924	0.9562	0.8657
67.1	0.9834	0.9230	0.9953	0.4635	0.9788	0.9112	0.9606	0.8936
67.2	0.9880	0.9382	0.9951	0.4474	0.9809	0.9308	0.9465	0.8979
67.3	0.9839	0.9189	0.9930	0.2889	0.9736	0.9027	0.9185	0.8808
67.4	0.9827	0.9066	0.9943	0.2193	0.9753	0.8852	0.8996	0.8758
67.5	0.9796	0.8875	0.9945	0.2307	0.9725	0.9046	0.8710	0.9041
67.6	0.9823	0.9067	0.9947	0.1140	0.9773	0.8731	0.8620	0.9257
67.7	0.9816	0.9028	0.9954	0.1580	0.9823	0.8740	0.8697	0.9183
67.8	0.9823	0.9128	0.9960	0.1492	0.9780	0.8617	0.8378	0.9215
67.9	0.9814	0.9077	0.9958	0.0152	0.9737	0.8802	0.8310	0.9138
68.0	0.9790	0.8963	0.9949	0.0109	0.9718	0.8526	0.8235	0.9221
68.1	0.9778	0.8871	0.9951	0.0434	0.9766	0.8645	0.8095	0.9323

68.2	0.9733	0.8657	0.9947	0.0730	0.9728	0.8202	0.8381	0.9236
68.3	0.9797	0.8731	0.9952	0.1118	0.9717	0.8350	0.8452	0.9335
68.4	0.9827	0.8670	0.9951	0.2595	0.9692	0.8205	0.8519	0.9257
68.5	0.9839	0.8914	0.9958	0.4102	0.9701	0.8719	0.8517	0.9283
68.6	0.9857	0.9149	0.9963	0.4269	0.9691	0.8755	0.7933	0.9241
68.7	0.9840	0.8983	0.9965	0.5788	0.9627	0.8297	0.7562	0.9274
68.8	0.9835	0.8982	0.9970	0.5376	0.9703	0.8577	0.7080	0.9347
68.9	0.9884	0.9183	0.9963	0.5482	0.9644	0.8647	0.6196	0.9147
69.0	0.9838	0.8861	0.9949	0.5079	0.9438	0.8125	0.4506	0.8996
69.1	0.9812	0.7871	0.9949	0.5329	0.9529	0.8378	0.6095	0.8990
69.2	0.9820	0.8010	0.9948	0.5614	0.9576	0.8692	0.7064	0.9039
69.3	0.9855	0.9104	0.9962	0.5445	0.9573	0.8924	0.8582	0.9445
69.4	0.9829	0.9011	0.9945	0.6189	0.9578	0.8971	0.8590	0.9269
69.5	0.9851	0.8823	0.9952	0.6403	0.9535	0.8808	0.8137	0.8973
69.6	0.9834	0.8845	0.9962	0.5917	0.9505	0.8755	0.8428	0.9090
69.7	0.9817	0.9000	0.9948	0.4013	0.9559	0.8600	0.8190	0.8886
69.8	0.9825	0.8935	0.9937	0.4497	0.9508	0.8186	0.8251	0.8832
69.9	0.9854	0.8269	0.9941	0.5044	0.9573	0.7512	0.8715	0.8934
70.0	0.9874	0.5364	0.9890	0.3602	0.9632	0.7243	0.8834	0.9050
70.1	0.9854	0.6913	0.9918	0.4294	0.9620	0.6724	0.9078	0.9415
70.2	0.9849	0.8950	0.9943	0.3593	0.9554	0.6076	0.8992	0.9267
70.3	0.9885	0.8916	0.9955	0.3407	0.9722	0.6822	0.9167	0.9239
70.4	0.9888	0.9061	0.9957	0.3053	0.9617	0.6968	0.9065	0.9248
70.5	0.9831	0.8889	0.9945	0.3572	0.9670	0.6499	0.9107	0.9381
70.6	0.9807	0.8912	0.9944	0.2948	0.9679	0.7056	0.9119	0.9390
70.7	0.9816	0.9136	0.9941	0.3089	0.9679	0.6218	0.8866	0.9306
70.8	0.9756	0.7982	0.9921	0.1671	0.9476	0.6330	0.9075	0.9119
70.9	0.9716	0.7992	0.9904	0.2353	0.9434	0.6688	0.8989	0.9049
71.0	0.9755	0.8571	0.9915	0.3610	0.9612	0.6260	0.9047	0.9062
71.1	0.9817	0.8728	0.9932	0.5239	0.9644	0.7146	0.9123	0.9299
71.2	0.9749	0.8817	0.9913	0.5439	0.9542	0.6171	0.8855	0.9209
71.3	0.9748	0.8684	0.9938	0.6246	0.9601	0.5929	0.9223	0.9106
71.4	0.9804	0.8578	0.9938	0.5893	0.9663	0.5759	0.9325	0.9203
71.5	0.9735	0.8615	0.9908	0.5887	0.9625	0.5933	0.9284	0.9290
71.6	0.9716	0.8436	0.9908	0.5992	0.9626	0.5457	0.9483	0.9314
71.7	0.9717	0.8468	0.9914	0.6721	0.9593	0.6821	0.9606	0.9398
71.8	0.9652	0.8380	0.9895	0.5790	0.9610	0.6102	0.9412	0.8991
71.9	0.9542	0.8382	0.9855	0.6189	0.9483	0.5801	0.9228	0.8973
72.0	0.9544	0.8480	0.9862	0.6610	0.9565	0.5956	0.9377	0.8926
72.1	0.9588	0.8360	0.9858	0.5636	0.9580	0.6576	0.9302	0.8707
72.2	0.9639	0.8128	0.9905	0.5511	0.9509	0.6742	0.9144	0.8463
72.3	0.9537	0.8188	0.9880	0.5594	0.9447	0.6804	0.9439	0.8509
72.4	0.9583	0.8582	0.9897	0.6859	0.9484	0.7317	0.9516	0.8438
72.5	0.9685	0.8728	0.9916	0.7779	0.9537	0.7425	0.9551	0.8247
72.6	0.9707	0.8521	0.9911	0.7601	0.9604	0.8065	0.9570	0.8414
72.7	0.9675	0.8413	0.9920	0.7108	0.9675	0.8300	0.9469	0.8455
72.8	0.9562	0.8071	0.9901	0.7102	0.9590	0.7969	0.9389	0.8005
72.9	0.9455	0.7924	0.9865	0.6578	0.9568	0.7328	0.9292	0.7895
73.0	0.9459	0.7810	0.9855	0.6758	0.9583	0.6803	0.9182	0.7355
73.1	0.9646	0.8296	0.9891	0.7363	0.9562	0.7626	0.9305	0.7284
73.2	0.9611	0.8593	0.9884	0.7990	0.9652	0.7665	0.9524	0.7758
73.3	0.9343	0.8464	0.9791	0.7606	0.9382	0.7130	0.9367	0.7315
73.4	0.9434	0.8276	0.9793	0.7110	0.9269	0.7521	0.9464	0.7519
73.5	0.9313	0.7913	0.9735	0.6364	0.9239	0.7316	0.9171	0.7111
73.6	0.9507	0.8302	0.9785	0.7276	0.9396	0.7888	0.9306	0.7763
73.7	0.9626	0.8475	0.9839	0.7840	0.9579	0.7261	0.9419	0.7400
73.8	0.9630	0.8221	0.9857	0.7870	0.9673	0.7797	0.9430	0.7039
73.9	0.9619	0.8336	0.9846	0.8214	0.9650	0.7713	0.9528	0.7560
74.0	0.9562	0.7796	0.9806	0.7370	0.9516	0.6538	0.9304	0.7232
74.1	0.9518	0.7979	0.9771	0.7791	0.9462	0.7309	0.9289	0.7372
74.2	0.9612	0.8379	0.9809	0.8578	0.9498	0.8145	0.9464	0.7658
74.3	0.9563	0.7740	0.9764	0.8255	0.9448	0.7011	0.9408	0.6878
74.4	0.9604	0.7367	0.9763	0.7775	0.9381	0.6393	0.9196	0.6528
74.5	0.9645	0.7609	0.9781	0.7745	0.9459	0.7174	0.9414	0.7019
74.6	0.9702	0.7826	0.9804	0.7881	0.9558	0.7108	0.9509	0.6773
74.7	0.9743	0.7506	0.9834	0.7997	0.9467	0.6714	0.9435	0.6158
74.8	0.9758	0.7576	0.9823	0.7368	0.9417	0.7081	0.9580	0.6145
74.9	0.9713	0.7335	0.9822	0.7098	0.9416	0.6725	0.9691	0.6738
75.0	0.9779	0.7784	0.9869	0.7568	0.9489	0.7112	0.9681	0.6559
75.1	0.9820	0.7677	0.9884	0.7250	0.9490	0.6496	0.9632	0.6464
75.2	0.9802	0.7811	0.9886	0.7148	0.9542	0.6843	0.9631	0.5812
75.3	0.9800	0.7773	0.9862	0.6986	0.9428	0.6749	0.9619	0.4319
75.4	0.9793	0.7319	0.9850	0.7000	0.9439	0.5737	0.9574	0.5025
75.5	0.9846	0.7586	0.9888	0.7166	0.9325	0.7137	0.9687	0.4348
75.6	0.9832	0.7156	0.9880	0.6444	0.9399	0.6809	0.9651	0.3474
75.7	0.9832	0.7241	0.9885	0.4841	0.9293	0.6712	0.9651	0.4252
75.8	0.9827	0.6634	0.9885	0.4041	0.8985	0.6994	0.9544	0.3125
75.9	0.9798	0.6674	0.9855	0.5638	0.8876	0.6670	0.9576	0.3726
76.0	0.9850	0.6950	0.9890	0.6109	0.8816	0.7102	0.9635	0.3700
76.1	0.9890	0.7919	0.9905	0.5843	0.8884	0.7198	0.9582	0.3101
76.2	0.9844	0.7809	0.9886	0.4595	0.8685	0.7546	0.9605	0.2749
76.3	0.9865	0.7402	0.9914	0.4705	0.8206	0.7035	0.9595	0.1791
76.4	0.9871	0.7080	0.9904	0.4433	0.8086	0.7000	0.9596	0.1158
76.5	0.9873	0.7000	0.9900	0.4966	0.7956	0.6718	0.9483	0.0912
76.6	0.9906	0.7081	0.9905	0.5577	0.7874	0.6837	0.9521	0.1471
76.7	0.9904	0.7063	0.9906	0.5390	0.7664	0.7030	0.9548	0.3023

76.8	0.9882	0.7210	0.9892	0.5462	0.6944	0.7852	0.9589	0.2808
76.9	0.9892	0.6971	0.9890	0.5648	0.6041	0.7392	0.9542	0.2061
77.0	0.9881	0.5704	0.9872	0.4902	0.4616	0.6687	0.9496	0.3376
77.1	0.9878	0.5372	0.9879	0.4896	0.1523	0.6642	0.9389	0.2682
77.2	0.9881	0.6034	0.9857	0.6366	0.0943	0.6360	0.9329	0.2811
77.3	0.9924	0.6320	0.9887	0.7170	0.1539	0.6809	0.9498	0.5416
77.4	0.9931	0.7082	0.9912	0.6966	0.1271	0.7217	0.9507	0.6837
77.5	0.9909	0.6051	0.9895	0.6355	0.3245	0.7325	0.9255	0.6196
77.6	0.9921	0.5691	0.9880	0.6394	0.5213	0.6895	0.9149	0.5693
77.7	0.9879	0.5483	0.9824	0.7112	0.6302	0.7251	0.9146	0.6812
77.8	0.9898	0.6373	0.9881	0.7114	0.7117	0.7595	0.9185	0.7619
77.9	0.9911	0.6228	0.9883	0.7365	0.8668	0.7614	0.9110	0.7613
78.0	0.9922	0.6352	0.9885	0.7439	0.8517	0.7631	0.8906	0.7548
78.1	0.9923	0.6436	0.9891	0.7667	0.8884	0.7823	0.8942	0.7815
78.2	0.9940	0.6604	0.9899	0.7796	0.9096	0.8382	0.8922	0.8430
78.3	0.9941	0.7091	0.9897	0.8044	0.9157	0.7644	0.8237	0.8284
78.4	0.9929	0.7255	0.9881	0.8287	0.9203	0.6781	0.7732	0.7513
78.5	0.9949	0.7684	0.9906	0.8616	0.9374	0.7625	0.7970	0.7924
78.6	0.9946	0.8075	0.9915	0.8475	0.9280	0.7905	0.7501	0.8505
78.7	0.9917	0.7971	0.9877	0.8177	0.9251	0.7606	0.7216	0.8775
78.8	0.9916	0.7717	0.9870	0.8406	0.9372	0.7092	0.6505	0.8359
78.9	0.9867	0.7494	0.9898	0.8510	0.9304	0.8081	0.5049	0.8492
79.0	0.9793	0.7242	0.9922	0.8583	0.9281	0.8370	0.4357	0.8341
79.1	0.9889	0.8217	0.9936	0.9104	0.9264	0.8770	0.4692	0.8534
79.2	0.9903	0.7900	0.9920	0.8772	0.9225	0.8491	0.2751	0.8264
79.3	0.9931	0.7666	0.9902	0.8342	0.8975	0.7808	0.1215	0.7870
79.4	0.9946	0.7539	0.9895	0.8425	0.9217	0.8216	0.1490	0.8530
79.5	0.9946	0.7440	0.9907	0.8704	0.9332	0.8154	0.1891	0.7835
79.6	0.9961	0.8183	0.9913	0.9055	0.9191	0.8212	0.3143	0.7396
79.7	0.9948	0.8572	0.9899	0.8816	0.9175	0.7664	0.2936	0.6759
79.8	0.9933	0.8576	0.9885	0.8911	0.9146	0.7816	0.2804	0.7159
79.9	0.9940	0.8744	0.9914	0.9119	0.9284	0.8305	0.3866	0.7714
80.0	0.9942	0.8403	0.9893	0.9023	0.9343	0.8274	0.3790	0.7900

2.2.17 Run 2 – IP270 – Accels 33–40

In-plane shaking at 270°. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.5040	0.1512	0.4056	0.0905	0.7498	0.2360	0.9333	0.7170
0.1	0.2146	0.0284	0.1717	0.0273	0.4585	0.0976	0.6502	0.3547
0.2	0.0121	0.0171	0.0017	0.1264	0.0689	0.0624	0.0008	0.0379
0.3	0.0358	0.0277	0.0459	0.0749	0.0348	0.0163	0.0479	0.0015
0.4	0.0131	0.0064	0.0041	0.0075	0.0205	0.0307	0.0311	0.0095
0.5	0.0218	0.0206	0.0143	0.0535	0.0064	0.0517	0.0147	0.0009
0.6	0.0078	0.0054	0.0179	0.0520	0.0044	0.0658	0.0107	0.0190
0.7	0.0199	0.0636	0.0006	0.0504	0.0043	0.0388	0.0183	0.0019
0.8	0.0063	0.3510	0.0484	0.0228	0.1033	0.0081	0.0005	0.0144
0.9	0.0026	0.7653	0.0085	0.0760	0.0514	0.0409	0.0437	0.1221
1.0	0.0768	0.8917	0.0154	0.0883	0.0075	0.0103	0.0813	0.1623
1.1	0.2216	0.9633	0.0203	0.1304	0.1809	0.0179	0.0309	0.1878
1.2	0.2553	0.9573	0.0117	0.1307	0.3249	0.0248	0.0709	0.2254
1.3	0.1481	0.8721	0.0896	0.3754	0.4582	0.0785	0.0589	0.4688
1.4	0.1939	0.6621	0.2582	0.2137	0.4026	0.1594	0.1848	0.5177
1.5	0.2761	0.7118	0.3439	0.2986	0.5354	0.5110	0.3315	0.5130
1.6	0.7166	0.9028	0.6627	0.7466	0.8202	0.7759	0.5501	0.8022
1.7	0.8548	0.9098	0.6687	0.8802	0.8653	0.7591	0.5608	0.8260
1.8	0.7895	0.8703	0.6414	0.9132	0.8173	0.7159	0.3978	0.8178
1.9	0.6424	0.7843	0.5092	0.8820	0.7829	0.6777	0.2160	0.7950
2.0	0.4470	0.8359	0.4531	0.8627	0.8046	0.5891	0.3049	0.9092
2.1	0.5662	0.9087	0.5606	0.8760	0.8748	0.6924	0.5304	0.9642
2.2	0.4838	0.9652	0.2728	0.6089	0.9238	0.6818	0.4805	0.9749
2.3	0.3487	0.9675	0.0842	0.4657	0.9400	0.5218	0.3581	0.9670
2.4	0.4550	0.9790	0.4823	0.5344	0.9424	0.5259	0.4420	0.9557
2.5	0.8061	0.9849	0.8151	0.8604	0.9439	0.7343	0.7737	0.9415
2.6	0.9202	0.9871	0.8008	0.9611	0.9541	0.6797	0.8474	0.9210
2.7	0.9293	0.9910	0.8379	0.9762	0.9522	0.6728	0.8466	0.9082
2.8	0.9037	0.9915	0.8087	0.9743	0.9389	0.6075	0.7603	0.8596
2.9	0.8741	0.9900	0.7949	0.9634	0.9285	0.6161	0.6859	0.7852
3.0	0.7995	0.9837	0.7237	0.9332	0.8753	0.6458	0.4498	0.6796
3.1	0.6377	0.9744	0.6655	0.8973	0.7554	0.4941	0.0895	0.5120
3.2	0.5952	0.9808	0.6497	0.9190	0.7926	0.5334	0.1227	0.4872
3.3	0.5359	0.9803	0.6816	0.9019	0.7789	0.6099	0.0880	0.4036
3.4	0.5168	0.9813	0.7032	0.9050	0.8114	0.6578	0.0248	0.4304
3.5	0.3198	0.9767	0.5983	0.8924	0.7382	0.6179	0.0691	0.2331
3.6	0.2154	0.9799	0.5952	0.8883	0.6983	0.6240	0.0839	0.1584
3.7	0.2012	0.9831	0.6152	0.8902	0.7123	0.6127	0.1379	0.2929
3.8	0.3641	0.9830	0.6765	0.8991	0.7061	0.6084	0.0827	0.4000
3.9	0.3984	0.9802	0.7110	0.8898	0.5716	0.6803	0.0130	0.3570
4.0	0.2878	0.9851	0.7969	0.9060	0.5518	0.6972	0.0096	0.2279
4.1	0.2630	0.9872	0.8027	0.9188	0.5410	0.6963	0.0356	0.2696
4.2	0.3031	0.9859	0.7825	0.8957	0.6294	0.6910	0.0080	0.2275
4.3	0.3760	0.9866	0.8228	0.8942	0.5287	0.7383	0.0718	0.2330
4.4	0.2832	0.9897	0.8166	0.8477	0.4092	0.7689	0.1685	0.1648
4.5	0.2578	0.9945	0.8727	0.8838	0.5281	0.8739	0.2749	0.1319
4.6	0.2317	0.9957	0.8298	0.9077	0.4597	0.8626	0.0921	0.2383
4.7	0.1162	0.9930	0.7758	0.8360	0.3924	0.8001	0.0435	0.1895
4.8	0.1360	0.9942	0.8130	0.8621	0.3594	0.8274	0.0797	0.1151
4.9	0.2660	0.9959	0.8155	0.8749	0.4189	0.8553	0.0695	0.1380
5.0	0.3279	0.9969	0.8876	0.8854	0.4000	0.8983	0.0413	0.2681
5.1	0.3792	0.9968	0.9079	0.8971	0.3478	0.8860	0.0617	0.3317
5.2	0.3283	0.9973	0.9003	0.8765	0.3884	0.9167	0.1169	0.2931
5.3	0.3108	0.9957	0.8903	0.8823	0.3195	0.9366	0.0570	0.3063
5.4	0.2633	0.9936	0.8153	0.8529	0.3186	0.9094	0.0765	0.1645
5.5	0.1374	0.9907	0.8056	0.8897	0.2642	0.9157	0.1239	0.1581
5.6	0.0816	0.9892	0.8473	0.8563	0.1779	0.9587	0.1458	0.2389
5.7	0.0710	0.9834	0.8512	0.8132	0.2342	0.9419	0.0736	0.1458
5.8	0.1127	0.9829	0.8506	0.8153	0.4841	0.9380	0.0340	0.1060
5.9	0.0952	0.9778	0.8584	0.7067	0.4086	0.9329	0.0327	0.0551
6.0	0.0852	0.9800	0.8483	0.7959	0.2980	0.9123	0.0495	0.2248
6.1	0.0264	0.9848	0.9015	0.8357	0.3404	0.9298	0.1329	0.2109
6.2	0.1217	0.9805	0.8856	0.7927	0.2757	0.9131	0.0750	0.1165
6.3	0.1941	0.9807	0.8888	0.7951	0.3376	0.9197	0.0439	0.0928
6.4	0.2577	0.9850	0.8908	0.8322	0.4001	0.8928	0.1313	0.0274
6.5	0.2435	0.9836	0.7900	0.8211	0.3388	0.8801	0.1058	0.0143
6.6	0.3291	0.9860	0.8572	0.8577	0.3083	0.9094	0.1901	0.0510
6.7	0.3948	0.9854	0.8899	0.8784	0.3021	0.9301	0.1129	0.0287
6.8	0.5165	0.9843	0.8595	0.8686	0.3114	0.9248	0.0361	0.0151
6.9	0.5746	0.9847	0.8177	0.8391	0.2473	0.9226	0.0733	0.0557
7.0	0.6780	0.9896	0.8360	0.8656	0.2611	0.9214	0.2060	0.0415
7.1	0.6105	0.9907	0.7771	0.8413	0.3218	0.9078	0.2432	0.0281
7.2	0.6162	0.9952	0.7133	0.7584	0.3318	0.9393	0.2343	0.0746
7.3	0.6321	0.9963	0.6452	0.7388	0.3113	0.9378	0.1257	0.0145
7.4	0.4992	0.9959	0.5458	0.6759	0.3259	0.9493	0.2758	0.0621
7.5	0.2346	0.9960	0.3450	0.6421	0.4164	0.9524	0.1623	0.0826
7.6	0.0586	0.9953	0.4036	0.6445	0.3543	0.9533	0.0867	0.0078
7.7	0.1325	0.9930	0.3190	0.6673	0.2076	0.9271	0.1037	0.0203
7.8	0.0617	0.9946	0.3912	0.7828	0.2279	0.9418	0.0952	0.0882
7.9	0.0993	0.9964	0.4600	0.7970	0.3708	0.9478	0.0833	0.0471

8.0	0.1327	0.9966	0.4759	0.7957	0.3245	0.9260	0.0195	0.0183
8.1	0.1515	0.9962	0.3632	0.8273	0.3039	0.8774	0.0015	0.0444
8.2	0.1822	0.9971	0.4194	0.8607	0.3072	0.8561	0.0031	0.0013
8.3	0.2956	0.9982	0.5112	0.8927	0.3269	0.8987	0.0169	0.0135
8.4	0.1287	0.9970	0.3800	0.8583	0.2989	0.9109	0.0022	0.0208
8.5	0.0972	0.9970	0.4132	0.8675	0.3063	0.8840	0.0124	0.0091
8.6	0.1630	0.9975	0.4837	0.9178	0.2753	0.9005	0.0173	0.0012
8.7	0.3844	0.9973	0.4973	0.9362	0.3151	0.8893	0.0093	0.0227
8.8	0.4776	0.9974	0.5196	0.9352	0.3387	0.9018	0.0026	0.0485
8.9	0.3986	0.9963	0.4830	0.9150	0.3592	0.8695	0.0064	0.0297
9.0	0.3967	0.9948	0.6273	0.8770	0.2788	0.8806	0.0281	0.0695
9.1	0.3488	0.9933	0.8384	0.8569	0.2397	0.9288	0.0082	0.0447
9.2	0.5061	0.9935	0.8556	0.8894	0.2614	0.9368	0.0021	0.1145
9.3	0.5140	0.9938	0.8631	0.8998	0.2995	0.8953	0.0257	0.0324
9.4	0.5555	0.9941	0.8979	0.8691	0.3584	0.8576	0.0608	0.0019
9.5	0.4006	0.9929	0.9155	0.8443	0.3485	0.8179	0.0640	0.0437
9.6	0.1578	0.9910	0.9111	0.7040	0.1820	0.6941	0.0292	0.0463
9.7	0.1985	0.9893	0.9282	0.4937	0.2100	0.6162	0.0801	0.0088
9.8	0.0715	0.9855	0.8192	0.3796	0.2214	0.2310	0.0527	0.0042
9.9	0.1527	0.9877	0.8478	0.6328	0.2051	0.3461	0.0074	0.0560
10.0	0.2264	0.9794	0.8991	0.6414	0.3056	0.4153	0.0261	0.0591
10.1	0.4380	0.9867	0.8910	0.7668	0.4289	0.4944	0.0599	0.0578
10.2	0.5390	0.9874	0.8585	0.8149	0.2562	0.4211	0.0756	0.0669
10.3	0.6173	0.9891	0.8620	0.8551	0.2967	0.4707	0.0633	0.0483
10.4	0.5588	0.9897	0.9004	0.8715	0.3880	0.6117	0.0910	0.0734
10.5	0.5367	0.9868	0.9237	0.8807	0.3722	0.6744	0.0937	0.0295
10.6	0.6957	0.9883	0.9647	0.9420	0.3909	0.8608	0.0241	0.0070
10.7	0.7499	0.9885	0.9832	0.9583	0.5163	0.9032	0.0607	0.0547
10.8	0.6769	0.9799	0.9839	0.9276	0.4363	0.8885	0.0323	0.0662
10.9	0.6531	0.9829	0.9903	0.9406	0.6033	0.9173	0.0356	0.0045
11.0	0.5390	0.9820	0.9918	0.9398	0.5927	0.9270	0.0050	0.0299
11.1	0.4998	0.9781	0.9916	0.9138	0.5178	0.9216	0.0424	0.1317
11.2	0.4216	0.9739	0.9914	0.9228	0.5807	0.9111	0.0332	0.0797
11.3	0.3242	0.9774	0.9895	0.9230	0.5272	0.9147	0.1702	0.1405
11.4	0.3679	0.9809	0.9918	0.9246	0.5782	0.9351	0.2121	0.1569
11.5	0.1838	0.9791	0.9886	0.9358	0.6576	0.9428	0.1801	0.1387
11.6	0.1187	0.9786	0.9898	0.9241	0.6281	0.9436	0.2756	0.2407
11.7	0.0704	0.9717	0.9889	0.9019	0.5917	0.9431	0.2224	0.1504
11.8	0.1754	0.9769	0.9919	0.9122	0.6178	0.9620	0.2408	0.2959
11.9	0.2016	0.9829	0.9929	0.9143	0.6164	0.9679	0.1629	0.5380
12.0	0.2538	0.9815	0.9892	0.9178	0.5188	0.9740	0.1942	0.5255
12.1	0.4544	0.9754	0.9868	0.9339	0.5465	0.9741	0.2176	0.4690
12.2	0.6081	0.9787	0.9888	0.9487	0.4689	0.9810	0.3295	0.4821
12.3	0.7167	0.9846	0.9895	0.9584	0.4265	0.9862	0.3359	0.5722
12.4	0.7760	0.9819	0.9864	0.9465	0.4764	0.9825	0.2810	0.5317
12.5	0.8060	0.9845	0.9876	0.9447	0.4959	0.9840	0.3991	0.4785
12.6	0.8853	0.9875	0.9918	0.9644	0.5489	0.9857	0.2959	0.5038
12.7	0.9201	0.9880	0.9924	0.9741	0.6663	0.9842	0.1882	0.5317
12.8	0.9239	0.9858	0.9949	0.9600	0.7222	0.9839	0.2704	0.4872
12.9	0.9359	0.9831	0.9933	0.9581	0.7540	0.9839	0.2491	0.3886
13.0	0.9539	0.9863	0.9958	0.9387	0.8226	0.9807	0.2129	0.4766
13.1	0.9553	0.9883	0.9971	0.9256	0.8342	0.9817	0.2591	0.4274
13.2	0.9733	0.9931	0.9970	0.9361	0.8774	0.9853	0.3985	0.5165
13.3	0.9825	0.9962	0.9975	0.9178	0.9090	0.9905	0.4867	0.6996
13.4	0.9824	0.9959	0.9954	0.8495	0.9282	0.9877	0.4496	0.6559
13.5	0.9795	0.9962	0.9948	0.8333	0.9321	0.9871	0.4802	0.6084
13.6	0.9804	0.9971	0.9945	0.7627	0.9032	0.9879	0.6241	0.5742
13.7	0.9820	0.9969	0.9952	0.3936	0.8776	0.9873	0.6819	0.6668
13.8	0.9849	0.9972	0.9951	0.4584	0.8764	0.9907	0.7520	0.6315
13.9	0.9850	0.9980	0.9956	0.7509	0.8978	0.9906	0.7186	0.5786
14.0	0.9834	0.9982	0.9946	0.8665	0.8823	0.9906	0.7163	0.6920
14.1	0.9855	0.9978	0.9946	0.9228	0.8577	0.9932	0.7219	0.7467
14.2	0.9865	0.9982	0.9930	0.9312	0.8801	0.9925	0.7939	0.7054
14.3	0.9871	0.9983	0.9942	0.9230	0.9080	0.9937	0.8054	0.7587
14.4	0.9872	0.9981	0.9951	0.9418	0.9053	0.9932	0.8136	0.7656
14.5	0.9831	0.9981	0.9952	0.9358	0.8833	0.9902	0.7472	0.8113
14.6	0.9810	0.9963	0.9926	0.9096	0.8867	0.9749	0.7316	0.7556
14.7	0.9835	0.9969	0.9912	0.9263	0.9138	0.9737	0.8159	0.7605
14.8	0.9713	0.9974	0.9837	0.9128	0.9115	0.9621	0.7931	0.6325
14.9	0.9790	0.9986	0.9912	0.9312	0.9368	0.9743	0.8177	0.5813
15.0	0.9659	0.9958	0.9870	0.9050	0.8777	0.9530	0.7199	0.4542
15.1	0.9651	0.9930	0.9869	0.9016	0.8913	0.9481	0.6890	0.3725
15.2	0.9769	0.9950	0.9921	0.8717	0.9221	0.9364	0.6852	0.5028
15.3	0.9674	0.9917	0.9875	0.8590	0.9155	0.9141	0.6513	0.6609
15.4	0.9666	0.9878	0.9848	0.7401	0.9215	0.9064	0.7700	0.7365
15.5	0.9592	0.9844	0.9822	0.6264	0.9381	0.9399	0.8058	0.7539
15.6	0.9489	0.9708	0.9647	0.3854	0.9366	0.9330	0.7452	0.6501
15.7	0.9457	0.9696	0.9632	0.2306	0.9369	0.9531	0.8254	0.7267
15.8	0.9334	0.9556	0.9513	0.0250	0.9251	0.9469	0.7800	0.7330
15.9	0.9564	0.9628	0.9617	0.0449	0.9381	0.9665	0.8301	0.7930
16.0	0.9694	0.9732	0.9714	0.2362	0.9371	0.9786	0.8579	0.7429
16.1	0.9524	0.9677	0.9708	0.4820	0.9444	0.9786	0.8243	0.7552
16.2	0.9731	0.9818	0.9843	0.7446	0.9544	0.9907	0.9078	0.8091
16.3	0.9820	0.9878	0.9889	0.7788	0.9654	0.9929	0.9187	0.7897
16.4	0.9869	0.9877	0.9880	0.8490	0.9621	0.9918	0.9276	0.8271
16.5	0.9806	0.9910	0.9892	0.8478	0.9636	0.9900	0.9291	0.8403

16.6	0.9827	0.9952	0.9937	0.9154	0.9602	0.9904	0.9272	0.8704
16.7	0.9752	0.9966	0.9977	0.9129	0.9575	0.9863	0.9380	0.8690
16.8	0.9570	0.9850	0.9919	0.9079	0.9345	0.9735	0.9084	0.8395
16.9	0.9566	0.9787	0.9864	0.9012	0.9406	0.9726	0.8801	0.7831
17.0	0.9683	0.9934	0.9948	0.9362	0.9620	0.9737	0.8613	0.8588
17.1	0.9143	0.9959	0.9904	0.8750	0.9670	0.9397	0.8352	0.8797
17.2	0.8734	0.9925	0.9976	0.8638	0.9664	0.9626	0.7929	0.9293
17.3	0.9098	0.9948	0.9986	0.9295	0.9699	0.9864	0.7968	0.9151
17.4	0.9412	0.9955	0.9976	0.9602	0.9751	0.9898	0.8825	0.9356
17.5	0.9649	0.9969	0.9974	0.9834	0.9725	0.9957	0.8835	0.9338
17.6	0.9502	0.9970	0.9976	0.9854	0.9580	0.9956	0.8539	0.9161
17.7	0.9392	0.9975	0.9986	0.9869	0.9529	0.9949	0.7583	0.9134
17.8	0.9410	0.9975	0.9981	0.9894	0.9636	0.9916	0.5931	0.9324
17.9	0.9410	0.9982	0.9976	0.9905	0.9557	0.9886	0.1695	0.9174
18.0	0.9194	0.9978	0.9976	0.9883	0.9497	0.9879	0.1799	0.9052
18.1	0.9463	0.9974	0.9971	0.9900	0.9555	0.9943	0.5507	0.9190
18.2	0.9635	0.9972	0.9971	0.9921	0.9631	0.9961	0.7872	0.9301
18.3	0.9590	0.9967	0.9942	0.9911	0.9583	0.9960	0.8086	0.9410
18.4	0.9526	0.9956	0.9949	0.9913	0.9571	0.9971	0.8233	0.9291
18.5	0.9408	0.9957	0.9881	0.9878	0.9577	0.9877	0.7489	0.9295
18.6	0.9498	0.9968	0.9816	0.9836	0.9500	0.9735	0.7427	0.9322
18.7	0.9706	0.9970	0.9931	0.9898	0.9534	0.9816	0.7771	0.9440
18.8	0.9754	0.9962	0.9949	0.9927	0.9654	0.9959	0.8317	0.9462
18.9	0.9606	0.9950	0.9931	0.9936	0.9639	0.9949	0.7661	0.9367
19.0	0.9507	0.9918	0.9916	0.9923	0.9566	0.9916	0.7012	0.9008
19.1	0.9588	0.9909	0.9932	0.9936	0.9469	0.9928	0.7322	0.8922
19.2	0.9609	0.9908	0.9958	0.9920	0.9417	0.9939	0.7233	0.9026
19.3	0.9670	0.9858	0.9959	0.9903	0.9376	0.9928	0.6625	0.8716
19.4	0.9642	0.9755	0.9938	0.9913	0.9468	0.9916	0.5555	0.8223
19.5	0.9468	0.9708	0.9930	0.9878	0.9055	0.9915	0.4854	0.8058
19.6	0.9697	0.9580	0.9951	0.9904	0.9066	0.9918	0.5636	0.8454
19.7	0.9734	0.9653	0.9950	0.9914	0.9248	0.9939	0.6073	0.8798
19.8	0.9738	0.9461	0.9912	0.9889	0.9246	0.9930	0.6191	0.8934
19.9	0.9658	0.9309	0.9878	0.9863	0.9223	0.9931	0.5306	0.8905
20.0	0.9424	0.8875	0.9861	0.9847	0.9104	0.9936	0.5079	0.9142
20.1	0.9597	0.8156	0.9810	0.9843	0.8803	0.9931	0.4353	0.9174
20.2	0.9765	0.8442	0.9830	0.9867	0.9062	0.9942	0.3496	0.9227
20.3	0.9706	0.8649	0.9857	0.9885	0.9058	0.9922	0.2116	0.9131
20.4	0.9645	0.8589	0.9794	0.9812	0.8806	0.9885	0.1015	0.8931
20.5	0.9700	0.8542	0.9783	0.9815	0.8864	0.9890	0.1176	0.8789
20.6	0.9695	0.8995	0.9801	0.9835	0.8962	0.9915	0.1064	0.9277
20.7	0.9694	0.8949	0.9803	0.9743	0.9057	0.9906	0.0744	0.9109
20.8	0.9637	0.9096	0.9784	0.9786	0.9019	0.9895	0.0597	0.9306
20.9	0.9636	0.9008	0.9809	0.9808	0.8931	0.9855	0.0721	0.9293
21.0	0.9570	0.8705	0.9804	0.9763	0.8890	0.9853	0.0143	0.9165
21.1	0.9629	0.8748	0.9772	0.9744	0.9077	0.9837	0.0043	0.9371
21.2	0.9663	0.9078	0.9798	0.9789	0.9249	0.9865	0.0049	0.9419
21.3	0.9659	0.9351	0.9767	0.9790	0.8853	0.9855	0.0078	0.9477
21.4	0.9763	0.9549	0.9749	0.9823	0.8873	0.9852	0.0149	0.9509
21.5	0.9697	0.9426	0.9654	0.9718	0.8821	0.9798	0.0313	0.9358
21.6	0.9674	0.9388	0.9690	0.9705	0.8913	0.9818	0.0650	0.9514
21.7	0.9630	0.9381	0.9776	0.9697	0.9075	0.9842	0.0646	0.9513
21.8	0.9633	0.9555	0.9812	0.9694	0.9141	0.9869	0.0889	0.9428
21.9	0.9639	0.9582	0.9834	0.9619	0.9200	0.9854	0.1215	0.9495
22.0	0.9446	0.9490	0.9790	0.9539	0.9071	0.9799	0.0831	0.9506
22.1	0.9443	0.9565	0.9795	0.9479	0.8475	0.9821	0.0367	0.9503
22.2	0.9358	0.9553	0.9800	0.9356	0.8119	0.9729	0.0004	0.9401
22.3	0.9201	0.9637	0.9774	0.9274	0.8166	0.9681	0.0976	0.9057
22.4	0.9213	0.9542	0.9646	0.9262	0.8484	0.8700	0.0653	0.8715
22.5	0.9040	0.9327	0.9580	0.8974	0.8654	0.8402	0.0553	0.8674
22.6	0.9169	0.9470	0.9735	0.9079	0.8699	0.9676	0.0128	0.9187
22.7	0.9187	0.9475	0.9736	0.9261	0.8524	0.9793	0.0504	0.9386
22.8	0.9061	0.9266	0.9810	0.9135	0.8452	0.9767	0.0734	0.9318
22.9	0.8972	0.8591	0.9750	0.8993	0.8118	0.9645	0.0684	0.9022
23.0	0.9298	0.8700	0.9758	0.9342	0.8583	0.9696	0.0355	0.9300
23.1	0.9524	0.8994	0.9776	0.9494	0.8722	0.9729	0.0374	0.9406
23.2	0.9385	0.8000	0.9748	0.9504	0.8489	0.9735	0.0639	0.9286
23.3	0.9454	0.7023	0.9760	0.9596	0.8973	0.9684	0.1473	0.9316
23.4	0.9548	0.6697	0.9759	0.9636	0.8747	0.9540	0.1892	0.9313
23.5	0.9396	0.6746	0.9785	0.9608	0.8478	0.9529	0.0772	0.9117
23.6	0.9295	0.4428	0.9782	0.9485	0.8165	0.9493	0.0430	0.8597
23.7	0.9535	0.3978	0.9727	0.9556	0.8102	0.9501	0.0258	0.8458
23.8	0.9459	0.4496	0.9817	0.9678	0.8156	0.9589	0.0275	0.8554
23.9	0.9259	0.3866	0.9848	0.9647	0.8064	0.9657	0.0809	0.8680
24.0	0.9147	0.3683	0.9815	0.9501	0.6720	0.9584	0.0843	0.8358
24.1	0.8932	0.3211	0.9807	0.9307	0.5874	0.9511	0.0420	0.8021
24.2	0.8592	0.3827	0.9773	0.9223	0.5854	0.9497	0.0145	0.7948
24.3	0.8876	0.4716	0.9798	0.9331	0.5232	0.9643	0.1236	0.7660
24.4	0.9120	0.4876	0.9806	0.9174	0.5363	0.9609	0.1995	0.7939
24.5	0.8872	0.4165	0.9778	0.9238	0.4867	0.9468	0.1991	0.7503
24.6	0.9011	0.6243	0.9777	0.9431	0.3850	0.9642	0.0603	0.8382
24.7	0.8913	0.5906	0.9815	0.9202	0.3892	0.9589	0.0452	0.8044
24.8	0.8889	0.6464	0.9826	0.9091	0.4370	0.9512	0.1489	0.7793
24.9	0.8714	0.6387	0.9789	0.8918	0.3709	0.9503	0.0863	0.7896
25.0	0.8525	0.6087	0.9704	0.8524	0.2856	0.9313	0.0448	0.7744
25.1	0.8124	0.6463	0.9727	0.8672	0.3579	0.9303	0.0406	0.7897

25.2	0.8394	0.6701	0.9795	0.8712	0.2127	0.9263	0.0132	0.7920
25.3	0.7938	0.6672	0.9705	0.8361	0.1592	0.9354	0.0382	0.7907
25.4	0.7196	0.6511	0.9702	0.7752	0.2190	0.9375	0.0934	0.7353
25.5	0.6783	0.6733	0.9698	0.6714	0.1321	0.9301	0.0654	0.6960
25.6	0.7182	0.7297	0.9722	0.6802	0.1111	0.9339	0.0802	0.5918
25.7	0.6842	0.7896	0.9734	0.6167	0.1244	0.9443	0.0500	0.6008
25.8	0.5996	0.8360	0.9778	0.3300	0.2070	0.9450	0.0440	0.6890
25.9	0.6064	0.8622	0.9805	0.1952	0.1217	0.9595	0.0534	0.6100
26.0	0.5175	0.8761	0.9788	0.2119	0.1319	0.9516	0.0490	0.5408
26.1	0.4157	0.8691	0.9801	0.1807	0.0976	0.9489	0.0345	0.5248
26.2	0.4621	0.8920	0.9856	0.3594	0.0218	0.9400	0.0936	0.5208
26.3	0.4356	0.9172	0.9887	0.6485	0.0326	0.9541	0.0041	0.5136
26.4	0.5809	0.9391	0.9873	0.7589	0.0605	0.9702	0.0743	0.6359
26.5	0.5285	0.9414	0.9907	0.7778	0.0713	0.9640	0.0150	0.6233
26.6	0.5854	0.9510	0.9909	0.8289	0.1262	0.9661	0.0427	0.6401
26.7	0.6421	0.9614	0.9901	0.8770	0.1679	0.9770	0.0028	0.7050
26.8	0.6668	0.9698	0.9883	0.8682	0.1992	0.9807	0.0425	0.7075
26.9	0.7697	0.9735	0.9885	0.8355	0.1363	0.9845	0.1008	0.6683
27.0	0.8341	0.9748	0.9903	0.8714	0.1267	0.9903	0.0129	0.7146
27.1	0.8491	0.9695	0.9888	0.8876	0.1016	0.9871	0.0004	0.7213
27.2	0.8743	0.9727	0.9879	0.9040	0.2586	0.9888	0.0077	0.7784
27.3	0.9002	0.9771	0.9898	0.9252	0.3365	0.9904	0.0741	0.8391
27.4	0.9189	0.9712	0.9906	0.9106	0.2097	0.9822	0.1868	0.8403
27.5	0.9223	0.9734	0.9890	0.8947	0.2327	0.9759	0.0438	0.7912
27.6	0.9408	0.9808	0.9888	0.8979	0.1497	0.9817	0.0192	0.7662
27.7	0.9401	0.9740	0.9894	0.8839	0.1421	0.9837	0.0017	0.7743
27.8	0.9513	0.9770	0.9921	0.8944	0.2661	0.9833	0.0190	0.8159
27.9	0.9497	0.9713	0.9916	0.9018	0.3288	0.9818	0.0358	0.8127
28.0	0.9212	0.9511	0.9852	0.8399	0.1749	0.9637	0.0376	0.7332
28.1	0.9124	0.9437	0.9812	0.7734	0.0782	0.9525	0.0313	0.5934
28.2	0.9299	0.9463	0.9855	0.7698	0.0963	0.9503	0.0060	0.5980
28.3	0.9253	0.9479	0.9856	0.7505	0.1034	0.9539	0.0392	0.6072
28.4	0.8811	0.8954	0.9717	0.5973	0.0970	0.9105	0.0330	0.4363
28.5	0.9201	0.8961	0.9755	0.5927	0.0106	0.9253	0.0494	0.4650
28.6	0.9091	0.8977	0.9813	0.6499	0.0193	0.9068	0.0511	0.4276
28.7	0.8980	0.8819	0.9624	0.6049	0.0425	0.8344	0.0537	0.4508
28.8	0.8851	0.8548	0.9473	0.6326	0.0103	0.8145	0.1010	0.4072
28.9	0.8414	0.8356	0.9395	0.6092	0.0091	0.7432	0.0272	0.3529
29.0	0.7798	0.7924	0.9158	0.5616	0.0021	0.6278	0.0056	0.2818
29.1	0.6856	0.7060	0.8405	0.3940	0.0216	0.5935	0.0080	0.0585
29.2	0.6910	0.6201	0.7879	0.2994	0.0112	0.4624	0.0112	0.0099
29.3	0.7373	0.5982	0.7915	0.4224	0.0102	0.4813	0.0282	0.0639
29.4	0.6455	0.6793	0.6790	0.4893	0.0201	0.3088	0.0140	0.1343
29.5	0.5762	0.4781	0.6439	0.5378	0.0238	0.4178	0.0316	0.0967
29.6	0.5675	0.3336	0.6349	0.5555	0.0038	0.3285	0.0183	0.0620
29.7	0.4737	0.1879	0.6876	0.5315	0.0056	0.3436	0.0854	0.0577
29.8	0.5633	0.2755	0.5209	0.4873	0.0019	0.2189	0.0151	0.0118
29.9	0.5406	0.3599	0.0858	0.2012	0.0301	0.0665	0.0370	0.0087
30.0	0.3655	0.3026	0.1009	0.2382	0.0557	0.1500	0.0567	0.0120
30.1	0.3541	0.4434	0.6197	0.6245	0.0022	0.4315	0.0040	0.1060
30.2	0.2926	0.5878	0.6340	0.7396	0.0113	0.3911	0.0181	0.0696
30.3	0.2753	0.6072	0.6081	0.7580	0.0040	0.3008	0.0052	0.0450
30.4	0.1550	0.6939	0.6207	0.8185	0.0323	0.2622	0.0332	0.0738
30.5	0.1528	0.6844	0.5184	0.8239	0.0047	0.3906	0.0651	0.1685
30.6	0.2259	0.7201	0.6306	0.8403	0.0098	0.4761	0.0326	0.2404
30.7	0.2288	0.7596	0.5909	0.8269	0.0183	0.4612	0.0154	0.1823
30.8	0.2639	0.7999	0.4243	0.8413	0.0322	0.4096	0.0167	0.3604
30.9	0.4480	0.8157	0.3956	0.8608	0.0013	0.5193	0.0275	0.3392
31.0	0.5490	0.8592	0.3087	0.8842	0.0035	0.5593	0.0549	0.4349
31.1	0.4994	0.8376	0.1616	0.8403	0.0340	0.4570	0.0379	0.3394
31.2	0.6060	0.8254	0.3139	0.8516	0.0072	0.4920	0.0006	0.4532
31.3	0.5150	0.7640	0.2707	0.8197	0.0163	0.4630	0.0183	0.2892
31.4	0.5735	0.7838	0.1175	0.8359	0.0256	0.5077	0.0152	0.3255
31.5	0.7167	0.8258	0.1473	0.8417	0.0146	0.4390	0.0017	0.5085
31.6	0.7750	0.8441	0.4969	0.8521	0.0514	0.5950	0.0021	0.5399
31.7	0.7609	0.8056	0.5377	0.8045	0.0365	0.5580	0.0251	0.5052
31.8	0.7856	0.8228	0.6754	0.8253	0.0000	0.7135	0.1007	0.4196
31.9	0.7857	0.8314	0.6280	0.8305	0.0046	0.7427	0.0907	0.4872
32.0	0.6757	0.7288	0.5810	0.7216	0.0339	0.6447	0.0662	0.4139
32.1	0.6633	0.7044	0.6662	0.6894	0.1315	0.5778	0.0231	0.4127
32.2	0.7346	0.7566	0.7449	0.7390	0.1044	0.6699	0.0564	0.4163
32.3	0.6976	0.7413	0.7901	0.7333	0.1551	0.6789	0.0439	0.4082
32.4	0.7012	0.7223	0.6845	0.6783	0.0946	0.5624	0.0655	0.3157
32.5	0.7684	0.7697	0.7672	0.7178	0.0692	0.6305	0.0973	0.1305
32.6	0.7265	0.7271	0.8511	0.6336	0.0483	0.7184	0.1060	0.0293
32.7	0.7021	0.6779	0.8846	0.5135	0.0723	0.7684	0.0600	0.0018
32.8	0.6970	0.6584	0.9249	0.4383	0.0928	0.8548	0.0667	0.0299
32.9	0.6557	0.6190	0.9151	0.3787	0.0431	0.8463	0.0587	0.1056
33.0	0.6497	0.5611	0.9280	0.2272	0.0313	0.8993	0.0797	0.1771
33.1	0.6881	0.5667	0.9340	0.1529	0.0944	0.9157	0.0199	0.2117
33.2	0.7596	0.6262	0.9404	0.0733	0.1656	0.9379	0.0292	0.2246
33.3	0.7077	0.4685	0.9467	0.0600	0.0885	0.9479	0.0159	0.3427
33.4	0.6119	0.2767	0.9232	0.1061	0.1369	0.9280	0.0354	0.4699
33.5	0.6976	0.3573	0.9135	0.1035	0.1299	0.9296	0.0504	0.3811
33.6	0.7532	0.4261	0.9181	0.2263	0.0695	0.9387	0.0666	0.4735
33.7	0.7806	0.4192	0.9124	0.3796	0.0160	0.9388	0.0396	0.6216

33.8	0.7365	0.3317	0.8907	0.4960	0.0222	0.9148	0.0039	0.6108
33.9	0.7905	0.4094	0.9023	0.4976	0.0744	0.8998	0.0170	0.6223
34.0	0.7363	0.3723	0.9245	0.6404	0.0317	0.9216	0.0510	0.7262
34.1	0.7860	0.3113	0.9432	0.7940	0.0205	0.9451	0.1368	0.8477
34.2	0.7752	0.5253	0.9270	0.7559	0.0030	0.9333	0.0763	0.8541
34.3	0.8162	0.7398	0.9167	0.7816	0.0306	0.9124	0.0445	0.8222
34.4	0.8278	0.6951	0.8627	0.7656	0.0182	0.8381	0.0199	0.7506
34.5	0.7654	0.5807	0.7844	0.6732	0.0150	0.7479	0.0455	0.6431
34.6	0.8229	0.7576	0.8023	0.7850	0.0021	0.7562	0.0275	0.6480
34.7	0.8504	0.8222	0.8204	0.8804	0.0133	0.7334	0.0167	0.6849
34.8	0.8076	0.7687	0.7734	0.8262	0.0234	0.6579	0.0563	0.6651
34.9	0.7982	0.8193	0.7903	0.8601	0.0083	0.7157	0.0178	0.7477
35.0	0.8410	0.8502	0.8039	0.8781	0.0017	0.7270	0.0027	0.7716
35.1	0.8610	0.8583	0.7916	0.8834	0.0122	0.7158	0.0179	0.7511
35.2	0.8298	0.8788	0.7842	0.8611	0.0306	0.7332	0.0859	0.8244
35.3	0.7625	0.8035	0.7954	0.7845	0.0099	0.6605	0.0989	0.7887
35.4	0.7094	0.8312	0.7741	0.8171	0.0509	0.6021	0.0525	0.8281
35.5	0.7120	0.8482	0.7564	0.7986	0.0138	0.4941	0.0321	0.8389
35.6	0.5625	0.8528	0.7203	0.7378	0.0121	0.4621	0.0267	0.8439
35.7	0.7196	0.9053	0.8466	0.7931	0.0729	0.4786	0.0555	0.9136
35.8	0.7174	0.9109	0.8894	0.8141	0.0253	0.5268	0.0618	0.9114
35.9	0.7229	0.9198	0.8849	0.8283	0.0065	0.6345	0.0030	0.8981
36.0	0.7693	0.9476	0.9238	0.8594	0.0166	0.7214	0.0123	0.9118
36.1	0.7214	0.9237	0.9059	0.8378	0.0185	0.6144	0.0172	0.8840
36.2	0.7578	0.8983	0.9280	0.8651	0.0180	0.7270	0.0425	0.8691
36.3	0.7413	0.8748	0.9307	0.8451	0.0006	0.8098	0.0511	0.8291
36.4	0.8046	0.8988	0.9411	0.8620	0.0008	0.8481	0.0976	0.7943
36.5	0.7951	0.9337	0.9522	0.8652	0.0331	0.8619	0.1093	0.7371
36.6	0.7878	0.9217	0.9508	0.8881	0.0129	0.8873	0.0435	0.6821
36.7	0.7630	0.8871	0.9601	0.8871	0.0114	0.9257	0.1370	0.5995
36.8	0.7834	0.9046	0.9669	0.8773	0.0693	0.9162	0.0892	0.5777
36.9	0.8012	0.9045	0.9706	0.8743	0.0806	0.9448	0.0143	0.5431
37.0	0.7515	0.8964	0.9723	0.8611	0.0494	0.9413	0.0647	0.4741
37.1	0.7758	0.8992	0.9677	0.8866	0.0270	0.9391	0.1276	0.4113
37.2	0.8225	0.8890	0.9741	0.8862	0.0116	0.9534	0.0955	0.3647
37.3	0.6700	0.9023	0.9568	0.8448	0.0203	0.9125	0.1276	0.3947
37.4	0.3953	0.8721	0.9103	0.7337	0.0021	0.7716	0.1320	0.2148
37.5	0.6185	0.8874	0.9495	0.8124	0.0358	0.8681	0.2361	0.2733
37.6	0.7927	0.9000	0.9751	0.8763	0.0653	0.9563	0.1757	0.2740
37.7	0.7581	0.8238	0.9653	0.8493	0.0283	0.9377	0.0178	0.1953
37.8	0.7749	0.8722	0.9805	0.8909	0.0539	0.9637	0.0083	0.2386
37.9	0.7875	0.9003	0.9759	0.8963	0.0418	0.9609	0.1269	0.5203
38.0	0.7298	0.8518	0.9622	0.8665	0.0322	0.9613	0.1084	0.3630
38.1	0.8034	0.8393	0.9640	0.8980	0.0764	0.9692	0.1290	0.4322
38.2	0.8498	0.8257	0.9695	0.8841	0.0229	0.9704	0.1321	0.5041
38.3	0.8346	0.8020	0.9721	0.8688	0.0325	0.9709	0.1530	0.5308
38.4	0.8380	0.7550	0.9698	0.8484	0.0369	0.9693	0.2403	0.4987
38.5	0.8293	0.6933	0.9703	0.8348	0.0807	0.9665	0.3363	0.5823
38.6	0.7928	0.6158	0.9531	0.8454	0.0259	0.9406	0.4003	0.6406
38.7	0.8105	0.5180	0.9333	0.8050	0.0629	0.9156	0.3708	0.6582
38.8	0.8585	0.6126	0.9499	0.8013	0.0410	0.9347	0.3373	0.6866
38.9	0.8735	0.6010	0.9516	0.8038	0.0286	0.9414	0.3947	0.7039
39.0	0.8969	0.5703	0.9539	0.8121	0.0077	0.9310	0.3435	0.7026
39.1	0.9036	0.4912	0.9570	0.8415	0.0651	0.9377	0.4098	0.7396
39.2	0.8842	0.3314	0.9485	0.7989	0.0323	0.9434	0.5562	0.7943
39.3	0.8426	0.2991	0.9378	0.7578	0.0251	0.9406	0.5406	0.8023
39.4	0.8196	0.3415	0.9097	0.6859	0.0620	0.8937	0.4711	0.7277
39.5	0.7746	0.2435	0.9061	0.6118	0.0161	0.8780	0.5926	0.7661
39.6	0.7944	0.1459	0.9282	0.7491	0.0493	0.8893	0.5519	0.7431
39.7	0.8350	0.2731	0.9303	0.8023	0.0529	0.8786	0.5040	0.7380
39.8	0.8080	0.1719	0.9391	0.7697	0.0133	0.9068	0.5473	0.7140
39.9	0.8061	0.1166	0.9592	0.8003	0.0328	0.9377	0.6166	0.7469
40.0	0.7635	0.1340	0.9518	0.7512	0.0350	0.9002	0.4871	0.6773
40.1	0.7822	0.1995	0.9573	0.7665	0.0022	0.9142	0.4587	0.7040
40.2	0.6668	0.2291	0.9449	0.6962	0.0372	0.8995	0.4784	0.6998
40.3	0.7390	0.2809	0.9396	0.7087	0.0209	0.9117	0.5496	0.7353
40.4	0.7106	0.3196	0.9313	0.6841	0.0330	0.9301	0.5266	0.7036
40.5	0.6545	0.4032	0.9282	0.6784	0.0038	0.9304	0.5857	0.7529
40.6	0.6642	0.5474	0.9449	0.6740	0.0079	0.9213	0.5296	0.7747
40.7	0.4586	0.5098	0.9026	0.4463	0.0255	0.9078	0.4430	0.7310
40.8	0.5521	0.4877	0.9091	0.4855	0.0133	0.9295	0.4602	0.6960
40.9	0.5352	0.4304	0.8970	0.4787	0.0082	0.9050	0.4454	0.6782
41.0	0.3254	0.3947	0.8790	0.3483	0.0317	0.9121	0.4037	0.5848
41.1	0.2994	0.5072	0.8826	0.2208	0.0199	0.9030	0.5220	0.6887
41.2	0.4196	0.3227	0.8914	0.4343	0.0101	0.9072	0.4796	0.6144
41.3	0.3612	0.4027	0.8758	0.3565	0.0212	0.9312	0.5144	0.6314
41.4	0.2459	0.5830	0.8292	0.0961	0.0254	0.9438	0.5942	0.6849
41.5	0.2874	0.5627	0.8343	0.1304	0.0129	0.9392	0.5617	0.7039
41.6	0.3102	0.5082	0.8739	0.2318	0.0014	0.9236	0.4800	0.6832
41.7	0.3098	0.5216	0.8634	0.1945	0.0144	0.9345	0.5234	0.6937
41.8	0.2274	0.5600	0.8544	0.1603	0.0350	0.9322	0.5024	0.6717
41.9	0.2022	0.6109	0.8240	0.0962	0.0353	0.9217	0.5062	0.6822
42.0	0.2208	0.6988	0.8379	0.0454	0.0952	0.9338	0.6501	0.7029
42.1	0.2878	0.6670	0.8104	0.0515	0.0607	0.9432	0.5817	0.6859
42.2	0.1523	0.5726	0.8067	0.0845	0.0552	0.9460	0.4862	0.6239
42.3	0.0818	0.5329	0.8616	0.1488	0.0236	0.9583	0.6090	0.6641

42.4	0.1248	0.4012	0.8089	0.1066	0.0281	0.9292	0.5735	0.5888
42.5	0.1220	0.4882	0.8244	0.0660	0.1014	0.9374	0.5825	0.6187
42.6	0.0591	0.4702	0.8332	0.2252	0.0360	0.9136	0.4709	0.5140
42.7	0.0822	0.4480	0.8198	0.2087	0.0429	0.9281	0.5293	0.5113
42.8	0.1611	0.4749	0.8493	0.3157	0.0792	0.9482	0.4353	0.5233
42.9	0.1849	0.3762	0.8472	0.2341	0.0034	0.9608	0.4161	0.5271
43.0	0.1238	0.3515	0.8639	0.1781	0.0370	0.9699	0.4514	0.5723
43.1	0.2232	0.2937	0.8254	0.2861	0.1631	0.9621	0.4500	0.5106
43.2	0.3354	0.3111	0.7970	0.3783	0.1507	0.9487	0.3771	0.3436
43.3	0.2544	0.2048	0.8287	0.3441	0.0312	0.9217	0.3246	0.2673
43.4	0.3869	0.1813	0.8831	0.5031	0.0948	0.9370	0.3514	0.3604
43.5	0.3781	0.5568	0.9048	0.5480	0.0743	0.9249	0.2707	0.3408
43.6	0.1840	0.7319	0.8937	0.4092	0.0071	0.9185	0.2987	0.4610
43.7	0.3652	0.7679	0.9268	0.5300	0.0084	0.9393	0.4906	0.7007
43.8	0.4833	0.7937	0.9136	0.5691	0.0493	0.9305	0.5471	0.7397
43.9	0.4157	0.8102	0.8695	0.4434	0.0157	0.9306	0.3858	0.7142
44.0	0.3582	0.8688	0.8845	0.3921	0.0102	0.9493	0.3275	0.7333
44.1	0.2791	0.8847	0.9112	0.3327	0.0531	0.9153	0.3883	0.6463
44.2	0.2399	0.8053	0.9243	0.3572	0.0430	0.8529	0.4013	0.5458
44.3	0.2114	0.7330	0.9423	0.3865	0.0282	0.8996	0.4508	0.6917
44.4	0.3289	0.8090	0.9589	0.3806	0.0632	0.9207	0.5051	0.7655
44.5	0.4666	0.8175	0.9540	0.4635	0.0713	0.9226	0.5332	0.7802
44.6	0.5152	0.7522	0.9239	0.4666	0.0146	0.8976	0.4025	0.7680
44.7	0.4500	0.7876	0.8976	0.3760	0.0061	0.8982	0.4761	0.7268
44.8	0.4639	0.8160	0.8800	0.3614	0.0279	0.9022	0.4260	0.6051
44.9	0.4147	0.7233	0.8510	0.3457	0.0379	0.8926	0.2988	0.5970
45.0	0.1572	0.5393	0.8791	0.2069	0.0204	0.8883	0.2186	0.6181
45.1	0.3077	0.7360	0.9214	0.4568	0.0756	0.9478	0.3213	0.7216
45.2	0.3472	0.7265	0.9159	0.4579	0.0664	0.9239	0.3596	0.7198
45.3	0.3112	0.5780	0.8874	0.3973	0.0007	0.9116	0.5033	0.7313
45.4	0.3280	0.5464	0.8835	0.4118	0.0198	0.9597	0.3767	0.7619
45.5	0.4698	0.7454	0.8989	0.5291	0.0512	0.9210	0.4276	0.6407
45.6	0.4590	0.6961	0.9184	0.6502	0.0634	0.8990	0.3363	0.6298
45.7	0.4063	0.6267	0.9273	0.5976	0.0305	0.9176	0.5082	0.7137
45.8	0.4605	0.5652	0.9311	0.5571	0.0009	0.9419	0.4677	0.6928
45.9	0.5951	0.3844	0.9424	0.6916	0.0184	0.9525	0.5188	0.7407
46.0	0.6365	0.0323	0.9277	0.7494	0.0080	0.9048	0.4837	0.7330
46.1	0.6268	0.2201	0.8975	0.7271	0.0017	0.7382	0.3188	0.5565
46.2	0.5928	0.4980	0.9153	0.7046	0.0238	0.9021	0.2788	0.5199
46.3	0.6862	0.3390	0.9465	0.7908	0.0626	0.9239	0.3694	0.3915
46.4	0.8359	0.4810	0.9624	0.8488	0.0244	0.9253	0.4061	0.5600
46.5	0.8321	0.7557	0.9604	0.8250	0.0943	0.9248	0.4404	0.5189
46.6	0.8339	0.8198	0.9687	0.8401	0.0756	0.9317	0.2912	0.3762
46.7	0.8238	0.8027	0.9542	0.8608	0.0510	0.9410	0.1245	0.3811
46.8	0.7978	0.8080	0.9457	0.8451	0.0644	0.8803	0.0579	0.3440
46.9	0.7710	0.8288	0.9529	0.8041	0.1230	0.8916	0.0852	0.3906
47.0	0.7618	0.7427	0.9536	0.7904	0.1458	0.9274	0.1636	0.4737
47.1	0.7864	0.2705	0.9534	0.8269	0.0908	0.9387	0.0428	0.3933
47.2	0.8281	0.6697	0.9420	0.8731	0.0824	0.8895	0.0187	0.3658
47.3	0.8071	0.8421	0.9098	0.8455	0.1037	0.8994	0.0494	0.3299
47.4	0.7318	0.7463	0.8890	0.8012	0.0112	0.9564	0.0243	0.3806
47.5	0.6726	0.6298	0.9159	0.7130	0.0012	0.9544	0.0919	0.3014
47.6	0.5707	0.0514	0.9123	0.6277	0.1010	0.8725	0.0816	0.0510
47.7	0.5846	0.5412	0.9516	0.7712	0.0677	0.8968	0.0100	0.3754
47.8	0.4907	0.7326	0.9582	0.7635	0.0211	0.9273	0.0503	0.4753
47.9	0.4265	0.8717	0.9267	0.7950	0.0130	0.9097	0.0396	0.5332
48.0	0.2910	0.9257	0.9236	0.7493	0.0240	0.8767	0.0265	0.5261
48.1	0.3299	0.9326	0.9340	0.7777	0.0089	0.9406	0.0937	0.6518
48.2	0.3660	0.8954	0.9540	0.8318	0.0894	0.9597	0.0747	0.7254
48.3	0.2914	0.8767	0.9505	0.8343	0.0876	0.9731	0.1038	0.7818
48.4	0.2213	0.8665	0.9306	0.7939	0.0441	0.9643	0.1689	0.7204
48.5	0.2285	0.9308	0.9489	0.8553	0.0449	0.9719	0.2037	0.7498
48.6	0.1671	0.9682	0.9698	0.8503	0.1029	0.9803	0.3331	0.8223
48.7	0.3563	0.9408	0.9815	0.8699	0.0813	0.9834	0.4034	0.8398
48.8	0.4589	0.9192	0.9651	0.8551	0.0786	0.9633	0.4596	0.8703
48.9	0.5238	0.8052	0.9250	0.7379	0.0865	0.8968	0.5589	0.8011
49.0	0.4525	0.5060	0.9037	0.6034	0.0135	0.8503	0.3680	0.5704
49.1	0.1089	0.8750	0.9616	0.7330	0.0318	0.9600	0.3859	0.6835
49.2	0.0822	0.9318	0.9768	0.7241	0.0149	0.9722	0.3232	0.7507
49.3	0.2221	0.9406	0.9845	0.8021	0.0407	0.9716	0.5328	0.8416
49.4	0.3200	0.9315	0.9768	0.8493	0.0213	0.9716	0.5679	0.8921
49.5	0.1924	0.8936	0.9811	0.8796	0.0434	0.9755	0.4898	0.8520
49.6	0.0494	0.8495	0.9843	0.8228	0.0124	0.9816	0.4790	0.8043
49.7	0.1780	0.7948	0.9732	0.6958	0.0099	0.9711	0.4790	0.7741
49.8	0.3266	0.8617	0.9758	0.6403	0.0174	0.9701	0.4977	0.8080
49.9	0.5040	0.9129	0.9788	0.7917	0.0529	0.9822	0.4886	0.8679
50.0	0.3404	0.9057	0.9783	0.8141	0.0105	0.9848	0.5034	0.8795
50.1	0.3941	0.9150	0.9894	0.8661	0.0620	0.9906	0.6083	0.8728
50.2	0.4708	0.9276	0.9891	0.8719	0.0607	0.9900	0.6362	0.8976
50.3	0.4152	0.9258	0.9857	0.8486	0.0312	0.9863	0.6222	0.9108
50.4	0.4069	0.9026	0.9829	0.8452	0.0361	0.9855	0.6052	0.8820
50.5	0.4604	0.9062	0.9776	0.8220	0.0542	0.9835	0.4797	0.7938
50.6	0.5269	0.9136	0.9681	0.8163	0.0774	0.9841	0.3802	0.7949
50.7	0.6490	0.9403	0.9788	0.8406	0.2608	0.9900	0.3637	0.8133
50.8	0.7866	0.9520	0.9898	0.7840	0.2300	0.9912	0.4458	0.8030
50.9	0.7719	0.9356	0.9822	0.7019	0.1641	0.9863	0.4499	0.8266

51.0	0.7085	0.9106	0.9641	0.8601	0.2922	0.9772	0.3631	0.8374
51.1	0.6247	0.8227	0.9471	0.8104	0.1510	0.9643	0.2691	0.7575
51.2	0.5299	0.5594	0.9540	0.5744	0.0325	0.9525	0.3821	0.6829
51.3	0.4443	0.8708	0.9738	0.7908	0.1298	0.9770	0.2947	0.8282
51.4	0.5545	0.8958	0.9752	0.8511	0.1184	0.9840	0.2063	0.8691
51.5	0.5362	0.9157	0.9572	0.8876	0.1928	0.9732	0.1969	0.8726
51.6	0.3289	0.8975	0.9417	0.8900	0.1837	0.9654	0.1040	0.8281
51.7	0.5350	0.9128	0.9704	0.9277	0.0970	0.9807	0.1883	0.8909
51.8	0.6650	0.8515	0.9772	0.8732	0.0808	0.9833	0.3226	0.9021
51.9	0.6054	0.8633	0.9781	0.8199	0.1496	0.9818	0.2619	0.8967
52.0	0.5934	0.6883	0.9811	0.7508	0.2021	0.9845	0.0760	0.8813
52.1	0.4570	0.2312	0.9729	0.3913	0.0033	0.9748	0.0690	0.8873
52.2	0.5693	0.7773	0.9751	0.6591	0.1728	0.9785	0.0447	0.9156
52.3	0.7683	0.9401	0.9696	0.8840	0.2688	0.9781	0.0481	0.9428
52.4	0.7665	0.9302	0.9624	0.8641	0.3672	0.9682	0.0821	0.9315
52.5	0.7554	0.8719	0.9777	0.8271	0.3323	0.9797	0.0175	0.9129
52.6	0.8317	0.8800	0.9752	0.8700	0.2460	0.9758	0.0374	0.9403
52.7	0.7807	0.8361	0.9642	0.8236	0.2982	0.9662	0.1396	0.9193
52.8	0.7970	0.8743	0.9489	0.7696	0.2675	0.9589	0.1171	0.8964
52.9	0.7977	0.6789	0.9742	0.6214	0.0712	0.9800	0.0638	0.9364
53.0	0.7949	0.7360	0.9724	0.3385	0.3446	0.9804	0.1835	0.9471
53.1	0.8952	0.9181	0.9799	0.7210	0.5404	0.9844	0.2624	0.9700
53.2	0.9145	0.9519	0.9875	0.7567	0.6031	0.9887	0.2978	0.9762
53.3	0.8563	0.9031	0.9758	0.6540	0.4645	0.9843	0.2958	0.9654
53.4	0.8250	0.6388	0.9640	0.4751	0.0094	0.9806	0.0865	0.9320
53.5	0.7805	0.6039	0.9558	0.0813	0.1828	0.9747	0.1740	0.9325
53.6	0.8843	0.9241	0.9785	0.6990	0.5665	0.9838	0.4314	0.9683
53.7	0.8582	0.9624	0.9801	0.7473	0.6252	0.9830	0.5563	0.9690
53.8	0.8945	0.9648	0.9784	0.7510	0.5907	0.9818	0.5815	0.9717
53.9	0.9315	0.9789	0.9834	0.8173	0.6132	0.9860	0.6120	0.9716
54.0	0.9168	0.9803	0.9854	0.8628	0.5698	0.9863	0.6887	0.9723
54.1	0.9197	0.9772	0.9716	0.8811	0.6459	0.9704	0.7884	0.9658
54.2	0.9155	0.9734	0.9510	0.8784	0.7749	0.9587	0.7496	0.9502
54.3	0.9411	0.9753	0.9792	0.9202	0.7896	0.9853	0.7978	0.9632
54.4	0.9304	0.9704	0.9872	0.9435	0.7364	0.9890	0.8360	0.9780
54.5	0.9577	0.9799	0.9896	0.9539	0.7491	0.9913	0.8867	0.9860
54.6	0.9336	0.9772	0.9766	0.9555	0.6042	0.9803	0.8510	0.9687
54.7	0.9226	0.9728	0.9698	0.9303	0.6218	0.9789	0.8727	0.9693
54.8	0.9193	0.9796	0.9755	0.8631	0.6694	0.9817	0.8269	0.9688
54.9	0.9097	0.9800	0.9772	0.8851	0.7281	0.9827	0.8336	0.9703
55.0	0.9437	0.9830	0.9891	0.9310	0.6675	0.9937	0.8657	0.9832
55.1	0.9385	0.9812	0.9876	0.9202	0.5500	0.9938	0.8453	0.9839
55.2	0.9155	0.9784	0.9871	0.9352	0.4664	0.9952	0.8384	0.9784
55.3	0.9374	0.9870	0.9909	0.9546	0.5489	0.9958	0.8356	0.9780
55.4	0.9284	0.9928	0.9838	0.9673	0.5812	0.9921	0.8533	0.9798
55.5	0.9027	0.9908	0.9638	0.9611	0.5393	0.9805	0.8663	0.9728
55.6	0.9325	0.9817	0.9786	0.9439	0.5908	0.9877	0.8651	0.9655
55.7	0.9597	0.9812	0.9876	0.9421	0.6278	0.9963	0.8514	0.9799
55.8	0.9446	0.9825	0.9912	0.9372	0.5104	0.9969	0.8257	0.9765
55.9	0.9384	0.9818	0.9896	0.9432	0.5309	0.9953	0.8209	0.9738
56.0	0.8959	0.9641	0.9651	0.9282	0.5544	0.9862	0.8282	0.9638
56.1	0.9064	0.9705	0.9680	0.9300	0.6141	0.9855	0.8245	0.9628
56.2	0.9467	0.9869	0.9898	0.9581	0.4803	0.9953	0.8822	0.9814
56.3	0.9357	0.9836	0.9891	0.9428	0.4483	0.9969	0.8528	0.9827
56.4	0.9394	0.9740	0.9863	0.9281	0.3341	0.9974	0.8173	0.9801
56.5	0.9266	0.9777	0.9873	0.9441	0.4862	0.9968	0.8483	0.9793
56.6	0.9355	0.9832	0.9898	0.9540	0.4754	0.9966	0.8865	0.9807
56.7	0.9484	0.9849	0.9879	0.9538	0.4314	0.9968	0.8871	0.9757
56.8	0.9541	0.9892	0.9867	0.9669	0.4216	0.9979	0.8864	0.9759
56.9	0.9192	0.9797	0.9810	0.9513	0.2872	0.9973	0.8507	0.9598
57.0	0.8989	0.9714	0.9810	0.9255	0.1777	0.9966	0.8296	0.9612
57.1	0.8675	0.9713	0.9761	0.9311	0.2706	0.9950	0.8024	0.9486
57.2	0.8764	0.9729	0.9660	0.9293	0.4256	0.9889	0.8377	0.9533
57.3	0.9339	0.9742	0.9824	0.9281	0.3961	0.9942	0.8521	0.9677
57.4	0.9399	0.9623	0.9802	0.9138	0.3449	0.9947	0.8138	0.9549
57.5	0.9648	0.9701	0.9858	0.9196	0.4591	0.9964	0.8614	0.9691
57.6	0.9499	0.9549	0.9780	0.8611	0.2361	0.9938	0.8168	0.9544
57.7	0.9537	0.9543	0.9843	0.8896	0.3528	0.9953	0.8450	0.9711
57.8	0.9674	0.9669	0.9863	0.9250	0.3295	0.9962	0.8969	0.9752
57.9	0.9553	0.9692	0.9830	0.9276	0.3314	0.9954	0.8885	0.9692
58.0	0.9586	0.9666	0.9880	0.9338	0.4775	0.9965	0.9163	0.9734
58.1	0.9527	0.9450	0.9836	0.9307	0.4289	0.9969	0.8729	0.9538
58.2	0.9336	0.8982	0.9776	0.9378	0.3075	0.9958	0.8021	0.9482
58.3	0.9203	0.6497	0.9496	0.9045	0.2230	0.9922	0.7626	0.9405
58.4	0.8967	0.7164	0.9436	0.8372	0.2290	0.9883	0.7901	0.9303
58.5	0.8621	0.8214	0.9248	0.8318	0.4701	0.9860	0.7672	0.9339
58.6	0.8136	0.7486	0.8785	0.7711	0.4054	0.9767	0.6510	0.9034
58.7	0.8930	0.8756	0.9425	0.8888	0.3428	0.9899	0.7494	0.9298
58.8	0.9583	0.9298	0.9804	0.9466	0.4227	0.9956	0.8904	0.9615
58.9	0.9564	0.9144	0.9628	0.9278	0.4804	0.9939	0.8271	0.9367
59.0	0.9520	0.8379	0.9239	0.9073	0.4007	0.9879	0.7512	0.9095
59.1	0.9521	0.8780	0.9368	0.9358	0.3775	0.9903	0.8443	0.9360
59.2	0.9615	0.9100	0.9579	0.9382	0.3077	0.9946	0.8800	0.9463
59.3	0.9643	0.9113	0.9576	0.9426	0.3873	0.9955	0.8533	0.9276
59.4	0.9683	0.9104	0.9588	0.9395	0.3924	0.9946	0.8948	0.9212
59.5	0.9737	0.9149	0.9707	0.9488	0.5215	0.9954	0.9103	0.9287

59.6	0.9752	0.8952	0.9640	0.9325	0.4557	0.9958	0.9214	0.9348
59.7	0.9767	0.9135	0.9692	0.9536	0.3437	0.9965	0.9285	0.9481
59.8	0.9675	0.9257	0.9399	0.9431	0.4168	0.9915	0.9413	0.9329
59.9	0.9385	0.8742	0.7916	0.8114	0.4079	0.9866	0.8767	0.9038
60.0	0.9229	0.8037	0.5530	0.5719	0.3349	0.9944	0.7506	0.9202
60.1	0.9593	0.8804	0.7369	0.7662	0.3905	0.9953	0.8616	0.9238
60.2	0.9753	0.8916	0.9565	0.9173	0.2839	0.9948	0.9324	0.9098
60.3	0.9790	0.8819	0.9380	0.9316	0.3550	0.9954	0.9330	0.9111
60.4	0.9862	0.9332	0.9487	0.9492	0.5592	0.9965	0.9372	0.9184
60.5	0.9867	0.9166	0.9394	0.9391	0.5514	0.9964	0.9341	0.8845
60.6	0.9853	0.9048	0.9435	0.9487	0.4320	0.9960	0.9316	0.8798
60.7	0.9795	0.8670	0.9216	0.9239	0.3057	0.9937	0.9236	0.8724
60.8	0.9808	0.8769	0.9182	0.9244	0.3832	0.9959	0.9490	0.8928
60.9	0.9880	0.9054	0.9214	0.9458	0.2678	0.9974	0.9638	0.9181
61.0	0.9893	0.9079	0.9234	0.9472	0.3049	0.9975	0.9677	0.9291
61.1	0.9878	0.8794	0.9127	0.9375	0.3407	0.9961	0.9679	0.9187
61.2	0.9860	0.8757	0.9155	0.9317	0.3398	0.9952	0.9601	0.8656
61.3	0.9827	0.8485	0.8753	0.9259	0.1978	0.9936	0.9465	0.8148
61.4	0.9834	0.8335	0.8566	0.9177	0.1774	0.9935	0.9504	0.8023
61.5	0.9807	0.8250	0.8567	0.9233	0.1915	0.9947	0.9567	0.8488
61.6	0.9874	0.8135	0.8824	0.9308	0.2913	0.9954	0.9605	0.8573
61.7	0.9843	0.8453	0.8982	0.9333	0.1898	0.9953	0.9692	0.8524
61.8	0.9848	0.8065	0.9157	0.9315	0.1409	0.9956	0.9722	0.8672
61.9	0.9838	0.8407	0.9247	0.9502	0.1669	0.9955	0.9686	0.8532
62.0	0.9867	0.8729	0.9487	0.9550	0.1995	0.9963	0.9784	0.8808
62.1	0.9903	0.8613	0.9451	0.9560	0.2027	0.9964	0.9787	0.8871
62.2	0.9909	0.7788	0.9422	0.9478	0.0820	0.9962	0.9729	0.8845
62.3	0.9876	0.7404	0.9528	0.9394	0.0705	0.9957	0.9675	0.8833
62.4	0.9907	0.7919	0.9632	0.9500	0.1612	0.9964	0.9765	0.9077
62.5	0.9891	0.7892	0.9633	0.9501	0.1812	0.9968	0.9816	0.9186
62.6	0.9861	0.7914	0.9664	0.9322	0.1886	0.9956	0.9714	0.8630
62.7	0.9859	0.7908	0.9703	0.9099	0.1513	0.9955	0.9716	0.8385
62.8	0.9852	0.8417	0.9745	0.9312	0.0710	0.9964	0.9808	0.8714
62.9	0.9887	0.8375	0.9755	0.9245	0.0917	0.9966	0.9807	0.8622
63.0	0.9875	0.8628	0.9764	0.9393	0.1116	0.9971	0.9833	0.9064
63.1	0.9861	0.8692	0.9788	0.9434	0.1184	0.9965	0.9835	0.9098
63.2	0.9883	0.8834	0.9789	0.9478	0.1001	0.9975	0.9869	0.9229
63.3	0.9902	0.8974	0.9840	0.9420	0.2189	0.9976	0.9882	0.9353
63.4	0.9876	0.8917	0.9838	0.9231	0.2498	0.9975	0.9846	0.9108
63.5	0.9853	0.8901	0.9784	0.9512	0.0919	0.9970	0.9826	0.8902
63.6	0.9892	0.9170	0.9868	0.9555	0.0923	0.9978	0.9877	0.9133
63.7	0.9856	0.9085	0.9856	0.9513	0.1545	0.9976	0.9854	0.9073
63.8	0.9862	0.9256	0.9895	0.9597	0.3605	0.9978	0.9876	0.9283
63.9	0.9864	0.9355	0.9884	0.9514	0.3584	0.9973	0.9873	0.9063
64.0	0.9869	0.9395	0.9882	0.9412	0.4378	0.9974	0.9869	0.8979
64.1	0.9877	0.9257	0.9874	0.9461	0.4115	0.9968	0.9852	0.8903
64.2	0.9842	0.9356	0.9865	0.9617	0.4403	0.9970	0.9847	0.8969
64.3	0.9858	0.9482	0.9907	0.9677	0.5103	0.9976	0.9890	0.9219
64.4	0.9894	0.9399	0.9919	0.9534	0.4572	0.9969	0.9888	0.9090
64.5	0.9865	0.9232	0.9922	0.9580	0.2855	0.9976	0.9861	0.9068
64.6	0.9832	0.9244	0.9907	0.9541	0.2108	0.9976	0.9845	0.8881
64.7	0.9814	0.9331	0.9914	0.9435	0.2703	0.9967	0.9780	0.8833
64.8	0.9823	0.9412	0.9914	0.9487	0.3472	0.9953	0.9781	0.8775
64.9	0.9801	0.9128	0.9882	0.9344	0.2363	0.9946	0.9723	0.8702
65.0	0.9843	0.9309	0.9924	0.9544	0.2072	0.9966	0.9794	0.9083
65.1	0.9787	0.9393	0.9895	0.9470	0.3501	0.9959	0.9739	0.8850
65.2	0.9809	0.9395	0.9903	0.9365	0.3976	0.9954	0.9766	0.8449
65.3	0.9813	0.9222	0.9903	0.9446	0.3087	0.9946	0.9772	0.8826
65.4	0.9850	0.9295	0.9907	0.9536	0.2717	0.9953	0.9767	0.8789
65.5	0.9872	0.9387	0.9929	0.9682	0.2600	0.9957	0.9814	0.8960
65.6	0.9842	0.9401	0.9946	0.9689	0.2762	0.9957	0.9831	0.9092
65.7	0.9853	0.9417	0.9943	0.9563	0.3226	0.9951	0.9833	0.9182
65.8	0.9851	0.9317	0.9930	0.9507	0.3657	0.9944	0.9712	0.9037
65.9	0.9813	0.9338	0.9881	0.9463	0.3083	0.9924	0.9556	0.8857
66.0	0.9799	0.9036	0.9865	0.9477	0.1948	0.9909	0.9433	0.8746
66.1	0.9862	0.9313	0.9929	0.9538	0.2108	0.9944	0.9607	0.9104
66.2	0.9893	0.9436	0.9937	0.9456	0.1823	0.9938	0.9542	0.9204
66.3	0.9875	0.9315	0.9915	0.9488	0.0724	0.9933	0.9417	0.9159
66.4	0.9888	0.9353	0.9945	0.9402	0.1236	0.9943	0.9577	0.9217
66.5	0.9866	0.9312	0.9933	0.9270	0.1846	0.9922	0.9595	0.8778
66.6	0.9850	0.9329	0.9910	0.9204	0.1307	0.9926	0.9488	0.8660
66.7	0.9910	0.9627	0.9935	0.9596	0.1257	0.9935	0.9582	0.9099
66.8	0.9922	0.9570	0.9948	0.9631	0.1819	0.9941	0.9689	0.9294
66.9	0.9900	0.9488	0.9936	0.9557	0.1549	0.9936	0.9567	0.9025
67.0	0.9869	0.9252	0.9933	0.9401	0.1465	0.9921	0.9402	0.8880
67.1	0.9880	0.9165	0.9947	0.9312	0.0592	0.9948	0.9603	0.9053
67.2	0.9901	0.9408	0.9940	0.9444	0.0557	0.9948	0.9580	0.8895
67.3	0.9874	0.9098	0.9916	0.9120	0.0668	0.9921	0.9414	0.8557
67.4	0.9889	0.8863	0.9935	0.9160	0.0966	0.9947	0.9496	0.8866
67.5	0.9857	0.8969	0.9943	0.9178	0.1545	0.9935	0.9492	0.8449
67.6	0.9868	0.8926	0.9944	0.9224	0.1413	0.9919	0.9567	0.8694
67.7	0.9905	0.9019	0.9948	0.9126	0.0949	0.9920	0.9603	0.9040
67.8	0.9887	0.9250	0.9954	0.8947	0.0595	0.9934	0.9562	0.8655
67.9	0.9891	0.9112	0.9956	0.9010	0.0090	0.9929	0.9632	0.8710
68.0	0.9903	0.9092	0.9953	0.9144	0.0269	0.9920	0.9584	0.8931
68.1	0.9906	0.9149	0.9959	0.9001	0.0021	0.9930	0.9589	0.9013

68.2	0.9908	0.8856	0.9954	0.8613	0.0039	0.9914	0.9492	0.8556
68.3	0.9916	0.9036	0.9961	0.8750	0.0445	0.9927	0.9538	0.8657
68.4	0.9897	0.9281	0.9968	0.8567	0.0401	0.9917	0.9570	0.9009
68.5	0.9885	0.9314	0.9966	0.8804	0.0526	0.9918	0.9610	0.9168
68.6	0.9883	0.9397	0.9958	0.9048	0.0184	0.9946	0.9656	0.9199
68.7	0.9886	0.9334	0.9966	0.8765	0.0006	0.9927	0.9594	0.8994
68.8	0.9917	0.9496	0.9973	0.8772	0.0706	0.9930	0.9617	0.9002
68.9	0.9909	0.9467	0.9965	0.8995	0.1277	0.9948	0.9603	0.8880
69.0	0.9876	0.9421	0.9955	0.8895	0.0634	0.9909	0.9401	0.8398
69.1	0.9876	0.9510	0.9968	0.8869	0.0205	0.9909	0.9444	0.8805
69.2	0.9846	0.9534	0.9970	0.8773	0.0077	0.9922	0.9590	0.8996
69.3	0.9900	0.9557	0.9977	0.8996	0.0241	0.9928	0.9582	0.8984
69.4	0.9904	0.9316	0.9964	0.9076	0.0221	0.9903	0.9443	0.8790
69.5	0.9891	0.9247	0.9964	0.8487	0.0776	0.9910	0.9395	0.8884
69.6	0.9875	0.9100	0.9973	0.7996	0.0485	0.9912	0.9513	0.9144
69.7	0.9851	0.9219	0.9963	0.8176	0.0119	0.9909	0.9373	0.8941
69.8	0.9864	0.9116	0.9955	0.8179	0.0308	0.9917	0.9347	0.9111
69.9	0.9877	0.9017	0.9969	0.8638	0.0330	0.9921	0.9411	0.9007
70.0	0.9886	0.9110	0.9961	0.8537	0.0541	0.9920	0.9316	0.8707
70.1	0.9864	0.9152	0.9965	0.8140	0.0257	0.9896	0.9378	0.8816
70.2	0.9846	0.8931	0.9967	0.8230	0.0851	0.9874	0.9514	0.9091
70.3	0.9865	0.8596	0.9968	0.8686	0.0896	0.9911	0.9513	0.9225
70.4	0.9814	0.8538	0.9968	0.8591	0.1994	0.9904	0.9417	0.9206
70.5	0.9821	0.8226	0.9970	0.8617	0.1460	0.9871	0.9497	0.9331
70.6	0.9889	0.7813	0.9968	0.8761	0.1941	0.9905	0.9410	0.9308
70.7	0.9847	0.7079	0.9951	0.8691	0.2080	0.9880	0.9313	0.9183
70.8	0.9834	0.6133	0.9945	0.8133	0.0951	0.9823	0.9117	0.8930
70.9	0.9863	0.4844	0.9952	0.8112	0.1718	0.9806	0.8848	0.8950
71.0	0.9847	0.5300	0.9961	0.8650	0.2314	0.9802	0.8940	0.8982
71.1	0.9840	0.3869	0.9962	0.8893	0.4256	0.9854	0.8947	0.9067
71.2	0.9809	0.3866	0.9952	0.8428	0.3034	0.9812	0.8794	0.8841
71.3	0.9852	0.6307	0.9972	0.8678	0.1965	0.9819	0.9184	0.9176
71.4	0.9872	0.5570	0.9958	0.8657	0.1957	0.9843	0.9059	0.9218
71.5	0.9839	0.5985	0.9945	0.8684	0.3697	0.9814	0.8818	0.9005
71.6	0.9878	0.7059	0.9949	0.8313	0.4575	0.9793	0.8523	0.8928
71.7	0.9866	0.7234	0.9964	0.8567	0.3777	0.9785	0.8644	0.8993
71.8	0.9810	0.7269	0.9950	0.8284	0.4060	0.9746	0.8429	0.8836
71.9	0.9805	0.7657	0.9924	0.8086	0.4121	0.9713	0.7930	0.8453
72.0	0.9808	0.8232	0.9936	0.8310	0.4010	0.9660	0.8280	0.8622
72.1	0.9828	0.7632	0.9930	0.7670	0.4900	0.9635	0.8323	0.8903
72.2	0.9877	0.7988	0.9943	0.7687	0.4834	0.9659	0.8406	0.9046
72.3	0.9863	0.8535	0.9945	0.7345	0.3904	0.9621	0.8369	0.9095
72.4	0.9880	0.9012	0.9951	0.8278	0.4951	0.9695	0.8567	0.9075
72.5	0.9889	0.8961	0.9963	0.8424	0.4152	0.9794	0.8819	0.9153
72.6	0.9883	0.8963	0.9965	0.8155	0.3794	0.9783	0.8733	0.9113
72.7	0.9880	0.9211	0.9966	0.8269	0.4075	0.9753	0.8817	0.9177
72.8	0.9858	0.9255	0.9959	0.8164	0.3807	0.9703	0.8899	0.9272
72.9	0.9833	0.9296	0.9946	0.7514	0.3333	0.9660	0.8753	0.9026
73.0	0.9822	0.9129	0.9930	0.6893	0.2863	0.9672	0.8468	0.8930
73.1	0.9867	0.9370	0.9947	0.7329	0.2616	0.9716	0.8642	0.9207
73.2	0.9870	0.9457	0.9954	0.7589	0.3890	0.9662	0.8762	0.9246
73.3	0.9817	0.9395	0.9940	0.6932	0.4499	0.9595	0.8862	0.9398
73.4	0.9846	0.9330	0.9926	0.6356	0.4937	0.9614	0.8991	0.9365
73.5	0.9787	0.9271	0.9915	0.5843	0.2455	0.9390	0.8783	0.9189
73.6	0.9840	0.9588	0.9939	0.5417	0.3244	0.9450	0.8988	0.9451
73.7	0.9895	0.9672	0.9951	0.5016	0.4314	0.9586	0.8882	0.9382
73.8	0.9880	0.9643	0.9948	0.4694	0.3677	0.9568	0.8986	0.9458
73.9	0.9870	0.9634	0.9946	0.4935	0.4337	0.9597	0.8870	0.9432
74.0	0.9829	0.9529	0.9906	0.5124	0.3901	0.9416	0.8304	0.9252
74.1	0.9837	0.9574	0.9907	0.4915	0.3056	0.9421	0.8320	0.9372
74.2	0.9846	0.9676	0.9932	0.5105	0.3677	0.9644	0.8778	0.9470
74.3	0.9807	0.9568	0.9913	0.5569	0.4416	0.9391	0.8764	0.9488
74.4	0.9778	0.9597	0.9889	0.6546	0.4441	0.9325	0.8729	0.9528
74.5	0.9785	0.9624	0.9894	0.7250	0.4217	0.9429	0.8612	0.9532
74.6	0.9814	0.9664	0.9881	0.7666	0.5567	0.9485	0.8576	0.9559
74.7	0.9749	0.9662	0.9874	0.8231	0.5585	0.9430	0.8509	0.9404
74.8	0.9784	0.9697	0.9843	0.8559	0.4777	0.9459	0.8820	0.9497
74.9	0.9795	0.9763	0.9872	0.8517	0.4601	0.9396	0.8950	0.9580
75.0	0.9822	0.9743	0.9904	0.8501	0.4872	0.9442	0.9058	0.9666
75.1	0.9806	0.9789	0.9885	0.8891	0.5399	0.9541	0.8987	0.9573
75.2	0.9815	0.9824	0.9866	0.8902	0.4642	0.9517	0.8855	0.9551
75.3	0.9785	0.9789	0.9845	0.8593	0.4154	0.9476	0.8719	0.9596
75.4	0.9780	0.9810	0.9807	0.8931	0.4670	0.9501	0.9014	0.9613
75.5	0.9769	0.9765	0.9839	0.9116	0.5211	0.9504	0.9156	0.9589
75.6	0.9768	0.9785	0.9847	0.9192	0.4718	0.9566	0.8865	0.9594
75.7	0.9801	0.9832	0.9812	0.9185	0.4896	0.9575	0.8664	0.9465
75.8	0.9780	0.9824	0.9693	0.8941	0.4336	0.9445	0.8216	0.9352
75.9	0.9833	0.9790	0.9584	0.8845	0.5274	0.9351	0.8352	0.9449
76.0	0.9831	0.9827	0.9697	0.9069	0.6048	0.9409	0.8538	0.9553
76.1	0.9814	0.9849	0.9780	0.9279	0.6283	0.9570	0.8731	0.9614
76.2	0.9806	0.9851	0.9680	0.9269	0.6161	0.9581	0.8591	0.9627
76.3	0.9827	0.9842	0.9648	0.9180	0.6753	0.9602	0.8383	0.9547
76.4	0.9791	0.9836	0.9428	0.9044	0.5408	0.9570	0.7529	0.9430
76.5	0.9727	0.9857	0.9345	0.9257	0.5652	0.9596	0.7485	0.9332
76.6	0.9770	0.9884	0.9512	0.9146	0.5827	0.9625	0.7873	0.9389
76.7	0.9802	0.9845	0.9467	0.9053	0.5378	0.9586	0.8188	0.9479

76.8	0.9773	0.9862	0.9229	0.9265	0.5966	0.9649	0.7994	0.9547
76.9	0.9768	0.9838	0.9057	0.9202	0.6531	0.9597	0.7991	0.9448
77.0	0.9754	0.9764	0.8469	0.8864	0.4782	0.9445	0.7897	0.9457
77.1	0.9669	0.9828	0.8192	0.8927	0.4244	0.9559	0.8565	0.9497
77.2	0.9718	0.9821	0.8492	0.9000	0.5825	0.9589	0.8821	0.9531
77.3	0.9763	0.9837	0.8665	0.9083	0.5652	0.9682	0.8601	0.9551
77.4	0.9819	0.9861	0.9057	0.9076	0.5117	0.9691	0.8726	0.9672
77.5	0.9834	0.9845	0.9228	0.9073	0.4614	0.9651	0.8674	0.9546
77.6	0.9809	0.9804	0.8579	0.8906	0.5473	0.9570	0.7931	0.9580
77.7	0.9785	0.9813	0.8449	0.8886	0.5588	0.9580	0.7784	0.9613
77.8	0.9845	0.9883	0.8897	0.9096	0.5856	0.9744	0.8263	0.9503
77.9	0.9820	0.9838	0.8596	0.9079	0.5832	0.9690	0.8361	0.9506
78.0	0.9854	0.9849	0.8483	0.9063	0.6452	0.9681	0.7961	0.9322
78.1	0.9907	0.9862	0.8721	0.9123	0.6425	0.9754	0.8618	0.9315
78.2	0.9877	0.9855	0.8777	0.9140	0.4747	0.9755	0.8160	0.9384
78.3	0.9825	0.9867	0.8751	0.9282	0.4977	0.9777	0.7576	0.9306
78.4	0.9816	0.9835	0.8661	0.9165	0.4158	0.9717	0.7606	0.9244
78.5	0.9838	0.9860	0.9031	0.9302	0.4298	0.9782	0.8011	0.9414
78.6	0.9855	0.9871	0.8900	0.9202	0.5367	0.9842	0.7816	0.9401
78.7	0.9803	0.9842	0.8630	0.8923	0.5178	0.9802	0.7954	0.9366
78.8	0.9814	0.9827	0.8535	0.9201	0.5352	0.9763	0.8089	0.9287
78.9	0.9797	0.9846	0.8741	0.9411	0.5516	0.9833	0.7707	0.9221
79.0	0.9803	0.9883	0.8986	0.9312	0.3899	0.9845	0.7898	0.9399
79.1	0.9869	0.9900	0.9176	0.9407	0.4676	0.9869	0.8379	0.9593
79.2	0.9872	0.9899	0.9070	0.9103	0.4489	0.9821	0.7908	0.9396
79.3	0.9864	0.9876	0.8232	0.8706	0.3506	0.9759	0.7805	0.9130
79.4	0.9896	0.9897	0.7768	0.8561	0.3752	0.9803	0.7950	0.9127
79.5	0.9896	0.9863	0.7720	0.8564	0.3776	0.9812	0.8297	0.9324
79.6	0.9861	0.9853	0.7349	0.8501	0.4321	0.9859	0.8178	0.9251
79.7	0.9857	0.9854	0.7000	0.7912	0.4938	0.9844	0.7946	0.9136
79.8	0.9886	0.9857	0.6033	0.6700	0.4206	0.9832	0.8046	0.8876
79.9	0.9921	0.9908	0.6569	0.6616	0.4205	0.9856	0.8586	0.9057
80.0	0.9902	0.9876	0.5469	0.6559	0.3382	0.9831	0.8558	0.8990

2.2.18 Run 2 – IP270 – Accels 41–47

In-plane shaking at 270°. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9573	0.7519	0.6210	0.9018	0.6487	0.4061	0.2951
0.1	0.8181	0.5194	0.2448	0.6965	0.3799	0.2534	0.1522
0.2	0.0109	0.0066	0.0299	0.0103	0.0310	0.0228	0.0013
0.3	0.0241	0.0489	0.0210	0.0090	0.0009	0.0294	0.0169
0.4	0.0106	0.0325	0.0158	0.0140	0.1007	0.0693	0.0416
0.5	0.0081	0.0669	0.0821	0.0403	0.0024	0.0144	0.0382
0.6	0.0042	0.0566	0.0290	0.0255	0.0241	0.0331	0.0189
0.7	0.0172	0.0867	0.0384	0.0672	0.1668	0.0125	0.0019
0.8	0.0028	0.2154	0.0108	0.1149	0.3749	0.0279	0.0372
0.9	0.0144	0.4444	0.0170	0.1389	0.5275	0.0042	0.0824
1.0	0.0424	0.5150	0.0013	0.1928	0.5566	0.0228	0.0365
1.1	0.1331	0.6329	0.0112	0.3056	0.6566	0.0356	0.0710
1.2	0.2200	0.5956	0.0133	0.2053	0.6094	0.0266	0.0329
1.3	0.5081	0.7071	0.1391	0.1430	0.7177	0.0790	0.0729
1.4	0.3383	0.6325	0.3374	0.1992	0.6632	0.1544	0.3232
1.5	0.4199	0.5849	0.5309	0.2316	0.6247	0.4835	0.5446
1.6	0.7929	0.8679	0.7201	0.6767	0.8747	0.5903	0.6743
1.7	0.8927	0.8806	0.5646	0.8018	0.8813	0.5289	0.6166
1.8	0.9223	0.8449	0.5068	0.6879	0.8451	0.5198	0.6383
1.9	0.9153	0.7491	0.4279	0.5254	0.7492	0.4161	0.5654
2.0	0.9591	0.7510	0.4174	0.6440	0.7531	0.2540	0.5158
2.1	0.9384	0.8193	0.5435	0.6925	0.8218	0.3474	0.5603
2.2	0.6482	0.9278	0.5029	0.5268	0.9289	0.4784	0.7491
2.3	0.4184	0.9306	0.3630	0.3619	0.9292	0.5002	0.7526
2.4	0.4364	0.9449	0.4781	0.4465	0.9462	0.5533	0.7963
2.5	0.7478	0.9593	0.8368	0.7814	0.9599	0.6942	0.8261
2.6	0.9158	0.9628	0.9184	0.9074	0.9636	0.7316	0.8045
2.7	0.9521	0.9677	0.9244	0.9125	0.9683	0.6226	0.7758
2.8	0.9550	0.9676	0.8971	0.8898	0.9681	0.5438	0.7673
2.9	0.9510	0.9626	0.8782	0.8600	0.9633	0.2947	0.7512
3.0	0.8965	0.9307	0.8074	0.7871	0.9331	0.0779	0.6592
3.1	0.8447	0.8969	0.6003	0.6500	0.8992	0.0457	0.5562
3.2	0.8870	0.9264	0.6652	0.6320	0.9275	0.0181	0.5748
3.3	0.7923	0.9160	0.7525	0.5944	0.9180	0.0165	0.4696
3.4	0.7455	0.9177	0.7286	0.5495	0.9201	0.1099	0.3925
3.5	0.6865	0.9015	0.6273	0.4008	0.9037	0.0464	0.3182
3.6	0.6328	0.9098	0.5909	0.2978	0.9114	0.1217	0.4453
3.7	0.6176	0.9296	0.6543	0.2530	0.9308	0.1195	0.5813
3.8	0.6112	0.9301	0.6682	0.4264	0.9325	0.1839	0.4665
3.9	0.5757	0.9183	0.5652	0.4290	0.9207	0.1953	0.2735
4.0	0.5619	0.9376	0.5743	0.3702	0.9384	0.3197	0.2438
4.1	0.5753	0.9440	0.5990	0.3220	0.9454	0.2585	0.2680
4.2	0.5458	0.9350	0.6312	0.3400	0.9365	0.2416	0.3289
4.3	0.5650	0.9371	0.6378	0.4937	0.9386	0.3496	0.3798
4.4	0.3762	0.9442	0.5908	0.4497	0.9462	0.3867	0.2425
4.5	0.2459	0.9686	0.6926	0.3857	0.9689	0.5557	0.3295
4.6	0.3017	0.9739	0.6539	0.3618	0.9745	0.4633	0.3245
4.7	0.2124	0.9585	0.5755	0.1673	0.9594	0.3257	0.2063
4.8	0.2602	0.9687	0.5803	0.1590	0.9690	0.4636	0.1944
4.9	0.2185	0.9779	0.5584	0.2305	0.9797	0.5169	0.1227
5.0	0.2483	0.9882	0.6516	0.3152	0.9887	0.5651	0.1000
5.1	0.2004	0.9882	0.7594	0.3335	0.9880	0.5037	0.1920
5.2	0.2207	0.9879	0.7864	0.3462	0.9885	0.5481	0.2417
5.3	0.3321	0.9867	0.7202	0.2857	0.9870	0.6368	0.1139
5.4	0.1622	0.9846	0.6069	0.1648	0.9838	0.6214	0.0498
5.5	0.0993	0.9808	0.5298	0.1172	0.9801	0.6156	0.0295
5.6	0.0325	0.9782	0.5241	0.0647	0.9775	0.6984	0.0982
5.7	0.0437	0.9678	0.5339	0.0255	0.9671	0.6964	0.0303
5.8	0.0656	0.9679	0.3550	0.0590	0.9677	0.6722	0.0292
5.9	0.0238	0.9607	0.3122	0.0279	0.9606	0.6028	0.0680
6.0	0.0754	0.9655	0.3894	0.0690	0.9649	0.5873	0.0725
6.1	0.0576	0.9736	0.2382	0.0209	0.9737	0.7542	0.0375
6.2	0.0536	0.9640	0.0789	0.0580	0.9640	0.7488	0.0232
6.3	0.0328	0.9627	0.0361	0.1007	0.9630	0.7667	0.0323
6.4	0.1485	0.9706	0.0984	0.2635	0.9716	0.8237	0.0019
6.5	0.0904	0.9686	0.0376	0.2645	0.9693	0.6351	0.0035
6.6	0.1300	0.9733	0.1059	0.3119	0.9738	0.7531	0.0085
6.7	0.2183	0.9701	0.1675	0.1550	0.9716	0.7953	0.0033
6.8	0.2219	0.9684	0.2241	0.1952	0.9696	0.7615	0.0042
6.9	0.1634	0.9709	0.2941	0.3295	0.9704	0.6863	0.0165
7.0	0.2591	0.9802	0.4844	0.4188	0.9804	0.7202	0.0767
7.1	0.3547	0.9827	0.5182	0.4915	0.9834	0.6615	0.0551
7.2	0.4651	0.9915	0.6631	0.5424	0.9917	0.6853	0.0435
7.3	0.5154	0.9930	0.7637	0.3298	0.9932	0.7088	0.0014
7.4	0.3495	0.9918	0.8570	0.0066	0.9925	0.7595	0.0429
7.5	0.3388	0.9923	0.8364	0.0067	0.9929	0.6169	0.0201
7.6	0.3883	0.9908	0.8378	0.0527	0.9915	0.4036	0.0356
7.7	0.2049	0.9871	0.8544	0.0342	0.9884	0.2169	0.0429
7.8	0.1939	0.9912	0.8844	0.0737	0.9912	0.1416	0.0104
7.9	0.2263	0.9937	0.9018	0.1542	0.9941	0.2841	0.0228

8.0	0.2271	0.9942	0.9204	0.1263	0.9948	0.3808	0.0572
8.1	0.2384	0.9941	0.9110	0.0560	0.9934	0.4586	0.0140
8.2	0.2855	0.9949	0.9174	0.1199	0.9943	0.5562	0.0296
8.3	0.3697	0.9971	0.9375	0.2972	0.9971	0.7056	0.1239
8.4	0.2782	0.9964	0.9452	0.1974	0.9964	0.6341	0.1691
8.5	0.3659	0.9962	0.9474	0.1614	0.9962	0.5970	0.0312
8.6	0.4604	0.9976	0.9580	0.2187	0.9972	0.7498	0.0440
8.7	0.6036	0.9979	0.9637	0.1917	0.9980	0.8114	0.0491
8.8	0.6602	0.9981	0.9560	0.2075	0.9981	0.8350	0.0406
8.9	0.6025	0.9972	0.9389	0.2954	0.9977	0.8298	0.1542
9.0	0.7149	0.9974	0.9277	0.4795	0.9974	0.7939	0.1748
9.1	0.7651	0.9973	0.9522	0.4974	0.9970	0.8853	0.1925
9.2	0.8383	0.9977	0.9610	0.4857	0.9974	0.9201	0.2080
9.3	0.9012	0.9971	0.9569	0.5521	0.9972	0.9017	0.2320
9.4	0.9368	0.9972	0.9708	0.5248	0.9973	0.8952	0.2126
9.5	0.9358	0.9974	0.9813	0.2821	0.9972	0.8888	0.2003
9.6	0.9165	0.9972	0.9841	0.1967	0.9973	0.8437	0.2437
9.7	0.9141	0.9974	0.9878	0.2608	0.9972	0.8113	0.3131
9.8	0.9053	0.9969	0.9538	0.4338	0.9973	0.6879	0.3423
9.9	0.8917	0.9972	0.9688	0.5492	0.9976	0.7812	0.3824
10.0	0.8019	0.9959	0.9872	0.3128	0.9950	0.8418	0.3580
10.1	0.8814	0.9974	0.9935	0.4653	0.9969	0.9156	0.3650
10.2	0.8978	0.9977	0.9946	0.6766	0.9969	0.9151	0.3510
10.3	0.9143	0.9978	0.9956	0.7507	0.9973	0.9374	0.4370
10.4	0.9245	0.9981	0.9966	0.7612	0.9978	0.9328	0.3697
10.5	0.9234	0.9973	0.9962	0.7763	0.9967	0.9107	0.2576
10.6	0.9543	0.9979	0.9966	0.7205	0.9974	0.9521	0.3330
10.7	0.9515	0.9976	0.9973	0.7380	0.9975	0.9646	0.3203
10.8	0.9095	0.9972	0.9957	0.6067	0.9974	0.9502	0.3471
10.9	0.9360	0.9975	0.9972	0.5931	0.9976	0.9607	0.5191
11.0	0.9380	0.9975	0.9974	0.5421	0.9974	0.9668	0.4115
11.1	0.9215	0.9974	0.9964	0.4043	0.9969	0.9553	0.4156
11.2	0.8969	0.9971	0.9971	0.3706	0.9969	0.9557	0.5182
11.3	0.8919	0.9962	0.9976	0.3555	0.9962	0.9569	0.6167
11.4	0.9192	0.9970	0.9974	0.3241	0.9966	0.9657	0.6441
11.5	0.9148	0.9965	0.9971	0.3013	0.9962	0.9634	0.6615
11.6	0.8919	0.9964	0.9971	0.3122	0.9968	0.9586	0.6467
11.7	0.8692	0.9959	0.9958	0.2754	0.9964	0.9550	0.5842
11.8	0.8876	0.9966	0.9960	0.3609	0.9970	0.9690	0.5962
11.9	0.9189	0.9963	0.9969	0.3508	0.9965	0.9762	0.6647
12.0	0.9185	0.9961	0.9967	0.3966	0.9961	0.9715	0.5196
12.1	0.9268	0.9943	0.9965	0.4600	0.9948	0.9711	0.3597
12.2	0.9409	0.9957	0.9971	0.6164	0.9961	0.9809	0.5166
12.3	0.9560	0.9961	0.9977	0.7201	0.9962	0.9791	0.7930
12.4	0.9553	0.9952	0.9969	0.8119	0.9952	0.9815	0.7881
12.5	0.9599	0.9959	0.9970	0.8409	0.9960	0.9796	0.7427
12.6	0.9715	0.9969	0.9970	0.8945	0.9970	0.9856	0.7753
12.7	0.9749	0.9966	0.9972	0.9309	0.9966	0.9864	0.6895
12.8	0.9595	0.9962	0.9971	0.9344	0.9964	0.9871	0.7256
12.9	0.9639	0.9957	0.9970	0.9319	0.9959	0.9895	0.8254
13.0	0.9678	0.9957	0.9976	0.9504	0.9959	0.9892	0.8406
13.1	0.9625	0.9957	0.9976	0.9523	0.9963	0.9898	0.8265
13.2	0.9658	0.9972	0.9971	0.9619	0.9973	0.9906	0.8901
13.3	0.9665	0.9979	0.9975	0.9775	0.9982	0.9937	0.8858
13.4	0.9564	0.9970	0.9969	0.9790	0.9973	0.9926	0.8141
13.5	0.9532	0.9955	0.9968	0.9751	0.9956	0.9946	0.8202
13.6	0.9463	0.9953	0.9965	0.9736	0.9958	0.9946	0.9073
13.7	0.9077	0.9951	0.9958	0.9700	0.9951	0.9930	0.9105
13.8	0.8126	0.9959	0.9976	0.9741	0.9961	0.9926	0.9302
13.9	0.7937	0.9970	0.9974	0.9762	0.9968	0.9943	0.9454
14.0	0.8389	0.9976	0.9968	0.9695	0.9977	0.9935	0.9450
14.1	0.8892	0.9981	0.9968	0.9751	0.9982	0.9931	0.9147
14.2	0.8933	0.9975	0.9961	0.9762	0.9979	0.9930	0.9559
14.3	0.9263	0.9978	0.9966	0.9753	0.9980	0.9944	0.9388
14.4	0.9448	0.9976	0.9962	0.9763	0.9979	0.9949	0.9275
14.5	0.9259	0.9972	0.9940	0.9777	0.9973	0.9953	0.9353
14.6	0.9081	0.9953	0.9866	0.9652	0.9956	0.9919	0.9440
14.7	0.9347	0.9974	0.9882	0.9633	0.9974	0.9951	0.9465
14.8	0.9236	0.9980	0.9847	0.9346	0.9981	0.9945	0.9440
14.9	0.9350	0.9984	0.9905	0.9459	0.9985	0.9941	0.9658
15.0	0.8813	0.9932	0.9821	0.8460	0.9939	0.9887	0.8993
15.1	0.8161	0.9907	0.9809	0.7678	0.9912	0.9854	0.8517
15.2	0.7275	0.9930	0.9829	0.7392	0.9930	0.9905	0.9262
15.3	0.6186	0.9887	0.9805	0.7893	0.9889	0.9837	0.9594
15.4	0.7057	0.9854	0.9761	0.8836	0.9856	0.9796	0.9545
15.5	0.8479	0.9831	0.9745	0.9117	0.9833	0.9786	0.9601
15.6	0.8466	0.9684	0.9563	0.8765	0.9685	0.9613	0.9450
15.7	0.8984	0.9673	0.9619	0.9180	0.9675	0.9594	0.9558
15.8	0.9031	0.9576	0.9534	0.9050	0.9579	0.9440	0.9449
15.9	0.9495	0.9668	0.9667	0.9481	0.9670	0.9585	0.9566
16.0	0.9600	0.9756	0.9772	0.9549	0.9755	0.9696	0.9689
16.1	0.9606	0.9738	0.9774	0.9436	0.9737	0.9669	0.9593
16.2	0.9860	0.9861	0.9892	0.9811	0.9858	0.9817	0.9730
16.3	0.9883	0.9911	0.9931	0.9834	0.9907	0.9856	0.9828
16.4	0.9908	0.9922	0.9937	0.9883	0.9916	0.9852	0.9773
16.5	0.9863	0.9948	0.9955	0.9780	0.9947	0.9859	0.9762

16.6	0.9858	0.9969	0.9967	0.9790	0.9969	0.9893	0.9897
16.7	0.9804	0.9972	0.9969	0.9681	0.9973	0.9947	0.9894
16.8	0.9672	0.9887	0.9947	0.9465	0.9888	0.9900	0.9800
16.9	0.9680	0.9851	0.9944	0.9478	0.9847	0.9762	0.9820
17.0	0.9652	0.9955	0.9958	0.9470	0.9953	0.9796	0.9933
17.1	0.9121	0.9961	0.9946	0.8706	0.9961	0.9391	0.9938
17.2	0.8883	0.9934	0.9909	0.8462	0.9932	0.9613	0.9922
17.3	0.9387	0.9963	0.9956	0.9148	0.9961	0.9899	0.9917
17.4	0.9692	0.9967	0.9965	0.9579	0.9967	0.9956	0.9859
17.5	0.9568	0.9980	0.9966	0.9411	0.9978	0.9949	0.9909
17.6	0.9416	0.9982	0.9974	0.9207	0.9980	0.9948	0.9952
17.7	0.9400	0.9987	0.9982	0.9230	0.9986	0.9965	0.9955
17.8	0.9422	0.9988	0.9958	0.9138	0.9988	0.9959	0.9926
17.9	0.9176	0.9991	0.9932	0.8551	0.9992	0.9945	0.9917
18.0	0.8665	0.9988	0.9923	0.6531	0.9987	0.9933	0.9824
18.1	0.9244	0.9989	0.9971	0.5046	0.9988	0.9951	0.9830
18.2	0.9591	0.9991	0.9983	0.5348	0.9990	0.9954	0.9901
18.3	0.9637	0.9990	0.9981	0.7045	0.9990	0.9928	0.9916
18.4	0.9700	0.9990	0.9983	0.8366	0.9988	0.9945	0.9881
18.5	0.9369	0.9988	0.9933	0.8197	0.9986	0.9898	0.9827
18.6	0.8894	0.9991	0.9818	0.7937	0.9990	0.9902	0.9894
18.7	0.8977	0.9994	0.9871	0.8360	0.9994	0.9929	0.9865
18.8	0.9497	0.9992	0.9956	0.9027	0.9990	0.9941	0.9853
18.9	0.9579	0.9988	0.9943	0.8959	0.9987	0.9945	0.9790
19.0	0.9542	0.9985	0.9923	0.8919	0.9985	0.9943	0.9746
19.1	0.9638	0.9986	0.9933	0.8962	0.9986	0.9960	0.9764
19.2	0.9633	0.9984	0.9949	0.8913	0.9984	0.9973	0.9749
19.3	0.9656	0.9983	0.9948	0.8846	0.9981	0.9964	0.9830
19.4	0.9520	0.9983	0.9935	0.8568	0.9981	0.9965	0.9853
19.5	0.9267	0.9972	0.9937	0.8410	0.9970	0.9960	0.9829
19.6	0.9568	0.9977	0.9957	0.8670	0.9976	0.9966	0.9859
19.7	0.9691	0.9985	0.9967	0.8667	0.9985	0.9964	0.9674
19.8	0.9616	0.9982	0.9966	0.8548	0.9980	0.9957	0.9406
19.9	0.9535	0.9980	0.9962	0.8500	0.9979	0.9953	0.9558
20.0	0.9574	0.9974	0.9966	0.8675	0.9972	0.9945	0.9750
20.1	0.9477	0.9965	0.9965	0.8347	0.9966	0.9953	0.9813
20.2	0.9525	0.9968	0.9973	0.8674	0.9968	0.9962	0.9832
20.3	0.9596	0.9961	0.9967	0.8654	0.9962	0.9960	0.9681
20.4	0.9429	0.9945	0.9940	0.8094	0.9946	0.9939	0.9205
20.5	0.9432	0.9942	0.9951	0.8119	0.9942	0.9948	0.9182
20.6	0.9596	0.9938	0.9966	0.8700	0.9937	0.9962	0.9702
20.7	0.9527	0.9928	0.9959	0.8441	0.9926	0.9963	0.9631
20.8	0.9591	0.9927	0.9966	0.8514	0.9927	0.9958	0.9573
20.9	0.9668	0.9907	0.9957	0.8186	0.9908	0.9950	0.9617
21.0	0.9639	0.9866	0.9946	0.7596	0.9866	0.9956	0.9515
21.1	0.9626	0.9810	0.9953	0.8162	0.9805	0.9961	0.9605
21.2	0.9699	0.9828	0.9965	0.8782	0.9822	0.9950	0.9731
21.3	0.9715	0.9841	0.9960	0.8099	0.9838	0.9918	0.9356
21.4	0.9767	0.9865	0.9957	0.8227	0.9863	0.9903	0.9158
21.5	0.9695	0.9783	0.9936	0.8214	0.9773	0.9886	0.9155
21.6	0.9741	0.9774	0.9953	0.8524	0.9766	0.9904	0.9483
21.7	0.9700	0.9704	0.9965	0.8780	0.9696	0.9927	0.9711
21.8	0.9737	0.9715	0.9971	0.9177	0.9707	0.9918	0.9759
21.9	0.9704	0.9677	0.9952	0.9298	0.9664	0.9926	0.9778
22.0	0.9517	0.9529	0.9931	0.9022	0.9524	0.9908	0.9409
22.1	0.9520	0.9513	0.9938	0.8945	0.9502	0.9900	0.9117
22.2	0.9369	0.9454	0.9905	0.8659	0.9441	0.9887	0.9078
22.3	0.9349	0.9334	0.9862	0.8420	0.9324	0.9863	0.9415
22.4	0.8761	0.9317	0.9425	0.7672	0.9300	0.9817	0.9436
22.5	0.8592	0.9086	0.9299	0.7243	0.9072	0.9787	0.9430
22.6	0.9370	0.9146	0.9862	0.8706	0.9114	0.9822	0.9688
22.7	0.9471	0.9336	0.9926	0.8729	0.9315	0.9829	0.9470
22.8	0.9372	0.9246	0.9894	0.8531	0.9231	0.9854	0.9255
22.9	0.9026	0.9060	0.9855	0.7624	0.9055	0.9847	0.9113
23.0	0.9273	0.9370	0.9876	0.7714	0.9366	0.9847	0.9471
23.1	0.9421	0.9555	0.9884	0.8079	0.9544	0.9851	0.9307
23.2	0.9274	0.9519	0.9872	0.7749	0.9517	0.9836	0.9286
23.3	0.9279	0.9612	0.9854	0.6907	0.9609	0.9843	0.8819
23.4	0.9067	0.9633	0.9791	0.6624	0.9631	0.9821	0.8629
23.5	0.8961	0.9549	0.9759	0.6562	0.9545	0.9798	0.8271
23.6	0.8689	0.9514	0.9802	0.6385	0.9543	0.9824	0.8989
23.7	0.8247	0.9699	0.9824	0.5433	0.9706	0.9833	0.8632
23.8	0.7926	0.9698	0.9845	0.5810	0.9706	0.9858	0.8184
23.9	0.7946	0.9671	0.9853	0.5731	0.9677	0.9886	0.9018
24.0	0.7157	0.9677	0.9879	0.5122	0.9666	0.9853	0.9376
24.1	0.6713	0.9681	0.9863	0.4151	0.9658	0.9840	0.8954
24.2	0.6155	0.9642	0.9833	0.3174	0.9608	0.9832	0.8672
24.3	0.6230	0.9656	0.9858	0.3864	0.9685	0.9857	0.8980
24.4	0.6463	0.9661	0.9877	0.4334	0.9627	0.9874	0.7969
24.5	0.6079	0.9556	0.9842	0.4344	0.9451	0.9851	0.7552
24.6	0.6221	0.9493	0.9867	0.4999	0.9411	0.9887	0.8005
24.7	0.6611	0.9427	0.9854	0.6131	0.9362	0.9906	0.8634
24.8	0.5721	0.9324	0.9832	0.6794	0.9078	0.9902	0.9031
24.9	0.5445	0.9185	0.9837	0.7207	0.8880	0.9888	0.8802
25.0	0.4977	0.8868	0.9828	0.6921	0.8502	0.9872	0.7345
25.1	0.4546	0.8974	0.9852	0.6994	0.8448	0.9895	0.6423

25.2	0.4123	0.8720	0.9856	0.7292	0.8309	0.9908	0.7850
25.3	0.3741	0.8456	0.9868	0.6803	0.8193	0.9863	0.8145
25.4	0.3265	0.8276	0.9883	0.6261	0.7933	0.9875	0.8584
25.5	0.2581	0.8220	0.9854	0.6258	0.7970	0.9885	0.8518
25.6	0.1759	0.7741	0.9848	0.6081	0.7374	0.9895	0.8926
25.7	0.2796	0.7505	0.9867	0.6519	0.7153	0.9896	0.8628
25.8	0.3339	0.6525	0.9890	0.6734	0.6057	0.9896	0.8588
25.9	0.2098	0.6115	0.9917	0.6747	0.5902	0.9890	0.8899
26.0	0.1929	0.5421	0.9909	0.6008	0.5203	0.9882	0.8560
26.1	0.1892	0.4065	0.9899	0.6045	0.4010	0.9912	0.7918
26.2	0.1719	0.2493	0.9896	0.6839	0.2902	0.9925	0.7604
26.3	0.1933	0.1855	0.9932	0.6917	0.1907	0.9939	0.8505
26.4	0.2501	0.0450	0.9916	0.6331	0.0441	0.9922	0.8663
26.5	0.2232	0.0351	0.9895	0.5506	0.0031	0.9923	0.8434
26.6	0.3342	0.0040	0.9876	0.5122	0.0122	0.9919	0.8805
26.7	0.3793	0.0341	0.9887	0.5304	0.0010	0.9910	0.8786
26.8	0.3836	0.1250	0.9898	0.5088	0.0627	0.9889	0.7514
26.9	0.4771	0.1904	0.9911	0.6346	0.1578	0.9882	0.7878
27.0	0.5756	0.4218	0.9938	0.5852	0.4638	0.9917	0.9341
27.1	0.5402	0.4726	0.9930	0.3285	0.5012	0.9899	0.8994
27.2	0.6842	0.3555	0.9928	0.4286	0.3117	0.9917	0.8848
27.3	0.7192	0.5334	0.9942	0.4631	0.5347	0.9919	0.9194
27.4	0.7415	0.5608	0.9925	0.0996	0.5449	0.9915	0.8730
27.5	0.7549	0.6028	0.9900	0.1056	0.5647	0.9899	0.7665
27.6	0.7516	0.7410	0.9927	0.2411	0.7016	0.9904	0.8597
27.7	0.8505	0.8154	0.9941	0.2599	0.7710	0.9911	0.8818
27.8	0.9259	0.8447	0.9934	0.3793	0.7737	0.9911	0.8817
27.9	0.9207	0.8436	0.9929	0.4307	0.7701	0.9926	0.9255
28.0	0.8958	0.7631	0.9858	0.4420	0.6739	0.9863	0.9027
28.1	0.8464	0.8077	0.9844	0.5154	0.6766	0.9838	0.6970
28.2	0.8517	0.7810	0.9863	0.6268	0.6490	0.9871	0.7039
28.3	0.8668	0.7721	0.9846	0.7000	0.6084	0.9842	0.8411
28.4	0.7044	0.6414	0.9725	0.5072	0.4736	0.9715	0.5670
28.5	0.6986	0.6021	0.9801	0.5562	0.4476	0.9771	0.4941
28.6	0.7106	0.5877	0.9819	0.6476	0.4689	0.9799	0.5952
28.7	0.6762	0.5095	0.9624	0.5881	0.3879	0.9615	0.5770
28.8	0.6532	0.5359	0.9619	0.6100	0.3621	0.9599	0.3892
28.9	0.5911	0.4848	0.9584	0.5946	0.3587	0.9613	0.4193
29.0	0.4453	0.4459	0.9334	0.5163	0.3240	0.9314	0.2171
29.1	0.3925	0.3151	0.9304	0.4820	0.2707	0.9064	0.1727
29.2	0.3229	0.1914	0.9026	0.3627	0.1462	0.8881	0.1522
29.3	0.3250	0.2064	0.8773	0.5003	0.1757	0.8558	0.1460
29.4	0.2779	0.3101	0.8098	0.5342	0.2608	0.8123	0.0994
29.5	0.2436	0.1548	0.8168	0.3696	0.1754	0.8177	0.0971
29.6	0.1930	0.0179	0.8322	0.3525	0.0143	0.8269	0.1353
29.7	0.2711	0.0151	0.8316	0.4544	0.0024	0.8746	0.2142
29.8	0.2502	0.0878	0.7436	0.3908	0.0636	0.7696	0.1939
29.9	0.1061	0.0627	0.3526	0.1501	0.0558	0.5916	0.2188
30.0	0.0613	0.0966	0.4135	0.1066	0.0685	0.6293	0.2588
30.1	0.1556	0.0250	0.7547	0.1814	0.0273	0.8025	0.1886
30.2	0.2156	0.0980	0.7629	0.1367	0.0755	0.8519	0.1517
30.3	0.2843	0.1398	0.6979	0.1704	0.1126	0.8057	0.2464
30.4	0.4174	0.1692	0.7579	0.2709	0.1744	0.8067	0.2253
30.5	0.3816	0.1637	0.8067	0.2999	0.1676	0.7921	0.1229
30.6	0.4211	0.1835	0.8127	0.4554	0.1983	0.8409	0.1289
30.7	0.3268	0.2515	0.7409	0.3667	0.2588	0.7995	0.1051
30.8	0.3015	0.3641	0.7240	0.1454	0.3660	0.8029	0.1019
30.9	0.4222	0.3967	0.7045	0.1847	0.3739	0.7224	0.1979
31.0	0.4568	0.3893	0.6621	0.2164	0.4484	0.7214	0.3874
31.1	0.3229	0.5011	0.5620	0.1429	0.5793	0.6658	0.2119
31.2	0.4428	0.5965	0.6382	0.3250	0.6243	0.6479	0.1535
31.3	0.5010	0.5375	0.5096	0.3050	0.5631	0.6076	0.1521
31.4	0.5790	0.6420	0.4438	0.2961	0.6667	0.5710	0.0247
31.5	0.6063	0.6039	0.4024	0.4349	0.6395	0.5536	0.0225
31.6	0.6309	0.6178	0.6343	0.6561	0.6513	0.7571	0.1550
31.7	0.5740	0.6815	0.6469	0.7545	0.6886	0.7795	0.2350
31.8	0.6868	0.6692	0.6841	0.8011	0.6957	0.7982	0.2910
31.9	0.6883	0.7479	0.7251	0.7917	0.7475	0.8044	0.3536
32.0	0.4924	0.6006	0.6654	0.7580	0.6425	0.7498	0.5404
32.1	0.4855	0.5647	0.6626	0.7959	0.6110	0.7683	0.3820
32.2	0.6103	0.6305	0.7514	0.8333	0.6794	0.8228	0.3983
32.3	0.6300	0.6477	0.7904	0.8267	0.6818	0.8514	0.4885
32.4	0.5901	0.6021	0.7256	0.8287	0.6628	0.8003	0.5449
32.5	0.6585	0.6665	0.7707	0.8556	0.7089	0.8249	0.6356
32.6	0.6223	0.7078	0.8350	0.8700	0.7366	0.8710	0.6786
32.7	0.5454	0.6611	0.8408	0.8651	0.6985	0.8709	0.6306
32.8	0.6108	0.6422	0.8892	0.8854	0.6915	0.9113	0.5709
32.9	0.6296	0.6621	0.8926	0.8687	0.6800	0.9081	0.6730
33.0	0.5596	0.5886	0.9088	0.8739	0.6114	0.9202	0.7181
33.1	0.5486	0.6310	0.9306	0.9091	0.6761	0.9393	0.6263
33.2	0.6687	0.7212	0.9458	0.9460	0.7600	0.9476	0.5481
33.3	0.5426	0.6089	0.9369	0.9415	0.6246	0.9345	0.5816
33.4	0.3660	0.5107	0.9103	0.9215	0.4908	0.9061	0.7081
33.5	0.4280	0.6140	0.9257	0.9477	0.5933	0.9265	0.6402
33.6	0.3994	0.6657	0.9331	0.9591	0.6393	0.9291	0.6093
33.7	0.3579	0.6730	0.9415	0.9594	0.6536	0.9390	0.6036

33.8	0.2512	0.6326	0.9213	0.9540	0.5781	0.9192	0.5263
33.9	0.3329	0.6170	0.9134	0.9591	0.5263	0.9127	0.5081
34.0	0.4336	0.6257	0.9099	0.9439	0.4765	0.9148	0.6380
34.1	0.6532	0.6827	0.9430	0.9662	0.4906	0.9480	0.7097
34.2	0.6104	0.7285	0.9402	0.9507	0.6561	0.9518	0.7013
34.3	0.6103	0.8227	0.9143	0.9414	0.8006	0.9241	0.6248
34.4	0.5719	0.7524	0.8415	0.9093	0.7296	0.8549	0.3543
34.5	0.5182	0.6171	0.7357	0.8677	0.6324	0.7623	0.1058
34.6	0.6410	0.7624	0.7406	0.9073	0.7754	0.7975	0.1539
34.7	0.7521	0.7880	0.7225	0.9345	0.8062	0.7994	0.2650
34.8	0.7419	0.7309	0.6708	0.9016	0.7701	0.7666	0.2522
34.9	0.8003	0.7375	0.8020	0.8961	0.7979	0.8495	0.3251
35.0	0.8216	0.7484	0.8627	0.9017	0.8011	0.8975	0.4486
35.1	0.8246	0.7527	0.8989	0.9053	0.8217	0.9179	0.4423
35.2	0.8194	0.8445	0.9385	0.8978	0.8923	0.9415	0.3765
35.3	0.6980	0.7926	0.9114	0.8332	0.8572	0.9181	0.3642
35.4	0.7474	0.7689	0.9311	0.8008	0.8433	0.9372	0.3608
35.5	0.7331	0.8033	0.9351	0.8127	0.8364	0.9392	0.3212
35.6	0.6827	0.7404	0.9088	0.7082	0.8106	0.9180	0.4188
35.7	0.7470	0.8400	0.9463	0.8013	0.8947	0.9497	0.7016
35.8	0.7690	0.8746	0.9608	0.8125	0.9103	0.9615	0.6436
35.9	0.8091	0.8601	0.9703	0.7947	0.8981	0.9744	0.6362
36.0	0.8500	0.9029	0.9817	0.8579	0.9220	0.9832	0.8232
36.1	0.8230	0.8502	0.9701	0.8240	0.8793	0.9750	0.5849
36.2	0.8605	0.8460	0.9674	0.8416	0.8994	0.9761	0.5196
36.3	0.8634	0.8109	0.9712	0.8502	0.8741	0.9745	0.5325
36.4	0.8947	0.8283	0.9738	0.8898	0.8733	0.9760	0.7158
36.5	0.8779	0.8697	0.9809	0.8826	0.8952	0.9808	0.5926
36.6	0.8925	0.8559	0.9777	0.8759	0.8961	0.9808	0.6118
36.7	0.9098	0.8524	0.9725	0.8602	0.9010	0.9787	0.6770
36.8	0.9172	0.8666	0.9732	0.8607	0.9125	0.9790	0.6200
36.9	0.9098	0.8659	0.9740	0.8637	0.9163	0.9789	0.5927
37.0	0.9014	0.8695	0.9744	0.8355	0.8984	0.9789	0.5605
37.1	0.9154	0.8388	0.9790	0.8230	0.8742	0.9820	0.6725
37.2	0.9250	0.8531	0.9827	0.8690	0.8950	0.9826	0.6822
37.3	0.8439	0.8831	0.9678	0.7526	0.9105	0.9686	0.7095
37.4	0.6491	0.8659	0.9129	0.3482	0.8672	0.9125	0.6836
37.5	0.7795	0.9104	0.9605	0.5897	0.9193	0.9578	0.7778
37.6	0.9220	0.9305	0.9798	0.8345	0.9427	0.9835	0.7492
37.7	0.9133	0.8870	0.9695	0.8059	0.9107	0.9732	0.6378
37.8	0.9425	0.9284	0.9781	0.8345	0.9433	0.9800	0.6724
37.9	0.9395	0.9320	0.9867	0.8685	0.9464	0.9874	0.6219
38.0	0.9290	0.9225	0.9788	0.8405	0.9298	0.9824	0.7957
38.1	0.9482	0.9314	0.9834	0.8321	0.9463	0.9817	0.8352
38.2	0.9457	0.9255	0.9819	0.8850	0.9470	0.9799	0.7578
38.3	0.9383	0.9305	0.9796	0.8780	0.9475	0.9782	0.7705
38.4	0.9296	0.9276	0.9807	0.8786	0.9370	0.9802	0.7456
38.5	0.9367	0.9171	0.9842	0.8993	0.9394	0.9846	0.4156
38.6	0.9373	0.9070	0.9788	0.8786	0.9373	0.9814	0.4633
38.7	0.9360	0.8851	0.9713	0.8562	0.9152	0.9702	0.6082
38.8	0.9350	0.9090	0.9763	0.8937	0.9239	0.9785	0.7732
38.9	0.9328	0.9366	0.9817	0.8948	0.9338	0.9838	0.8379
39.0	0.9399	0.9243	0.9796	0.9044	0.9302	0.9836	0.7457
39.1	0.9516	0.9100	0.9826	0.8926	0.9373	0.9850	0.5254
39.2	0.9367	0.9155	0.9853	0.8711	0.9458	0.9883	0.5585
39.3	0.9356	0.9091	0.9857	0.8113	0.9266	0.9869	0.6510
39.4	0.9131	0.8758	0.9773	0.7768	0.8925	0.9794	0.5851
39.5	0.8929	0.8757	0.9810	0.6819	0.8906	0.9829	0.5689
39.6	0.9290	0.9049	0.9869	0.6720	0.9277	0.9897	0.4710
39.7	0.9464	0.9158	0.9826	0.7249	0.9329	0.9853	0.4394
39.8	0.9381	0.8842	0.9759	0.6514	0.8959	0.9781	0.6102
39.9	0.9459	0.8670	0.9861	0.5654	0.8918	0.9860	0.6462
40.0	0.9371	0.8756	0.9870	0.4360	0.8948	0.9887	0.4955
40.1	0.9377	0.9011	0.9911	0.4050	0.8998	0.9922	0.5465
40.2	0.9183	0.8972	0.9847	0.2295	0.8928	0.9840	0.4772
40.3	0.9197	0.8983	0.9869	0.1588	0.9229	0.9848	0.4480
40.4	0.9332	0.9075	0.9847	0.0626	0.9318	0.9774	0.5604
40.5	0.9474	0.9021	0.9875	0.1399	0.9313	0.9817	0.6710
40.6	0.9452	0.9166	0.9913	0.2700	0.9408	0.9878	0.7215
40.7	0.9081	0.9007	0.9898	0.2905	0.9270	0.9802	0.6077
40.8	0.9166	0.9327	0.9870	0.4421	0.9370	0.9797	0.4696
40.9	0.9014	0.9172	0.9851	0.3377	0.9256	0.9754	0.2463
41.0	0.8863	0.9292	0.9829	0.4946	0.9346	0.9696	0.3477
41.1	0.8855	0.9232	0.9825	0.6498	0.9303	0.9701	0.5265
41.2	0.9105	0.8985	0.9843	0.5287	0.9261	0.9691	0.4718
41.3	0.9021	0.9118	0.9847	0.5815	0.9397	0.9670	0.5214
41.4	0.8726	0.9303	0.9828	0.7307	0.9490	0.9662	0.5787
41.5	0.8714	0.9294	0.9810	0.7423	0.9440	0.9610	0.5961
41.6	0.9126	0.9302	0.9861	0.7838	0.9537	0.9656	0.6421
41.7	0.9247	0.9276	0.9854	0.8340	0.9537	0.9710	0.8074
41.8	0.9112	0.9460	0.9852	0.8608	0.9614	0.9686	0.7675
41.9	0.9103	0.9513	0.9804	0.8571	0.9655	0.9641	0.7213
42.0	0.9245	0.9524	0.9817	0.9156	0.9677	0.9724	0.7029
42.1	0.9209	0.9452	0.9820	0.9033	0.9597	0.9713	0.7001
42.2	0.9211	0.9418	0.9786	0.8895	0.9584	0.9594	0.4939
42.3	0.9218	0.9369	0.9821	0.9378	0.9545	0.9661	0.5980

42.4	0.8992	0.9157	0.9753	0.9324	0.9422	0.9563	0.4750
42.5	0.8923	0.9414	0.9776	0.9337	0.9562	0.9569	0.4378
42.6	0.8976	0.9338	0.9664	0.9152	0.9499	0.9351	0.5662
42.7	0.9076	0.9415	0.9796	0.9161	0.9603	0.9605	0.6899
42.8	0.9308	0.9606	0.9826	0.9338	0.9734	0.9689	0.8251
42.9	0.9386	0.9633	0.9803	0.9538	0.9758	0.9649	0.7379
43.0	0.9273	0.9575	0.9837	0.9459	0.9716	0.9687	0.7705
43.1	0.9242	0.9535	0.9816	0.9266	0.9652	0.9621	0.4335
43.2	0.9338	0.9407	0.9780	0.9198	0.9569	0.9496	0.4657
43.3	0.9357	0.9256	0.9857	0.9122	0.9451	0.9661	0.5356
43.4	0.9640	0.9332	0.9858	0.9321	0.9520	0.9714	0.5901
43.5	0.9749	0.9465	0.9874	0.9479	0.9598	0.9778	0.6654
43.6	0.9776	0.9551	0.9853	0.9406	0.9665	0.9738	0.6669
43.7	0.9759	0.9607	0.9846	0.9511	0.9688	0.9714	0.7048
43.8	0.9694	0.9547	0.9827	0.9390	0.9672	0.9713	0.5956
43.9	0.9643	0.9557	0.9778	0.9325	0.9729	0.9656	0.6201
44.0	0.9800	0.9715	0.9854	0.9413	0.9802	0.9737	0.5242
44.1	0.9797	0.9706	0.9841	0.9398	0.9782	0.9756	0.5319
44.2	0.9781	0.9738	0.9905	0.9583	0.9801	0.9830	0.5815
44.3	0.9771	0.9686	0.9871	0.9469	0.9741	0.9750	0.7156
44.4	0.9645	0.9494	0.9591	0.9106	0.9530	0.9289	0.7774
44.5	0.9504	0.9286	0.9582	0.9220	0.9364	0.9222	0.8499
44.6	0.9507	0.9459	0.9778	0.9296	0.9556	0.9551	0.7827
44.7	0.9482	0.9577	0.9702	0.9223	0.9635	0.9510	0.7243
44.8	0.9294	0.9346	0.9752	0.9212	0.9497	0.9610	0.5921
44.9	0.9497	0.9360	0.9828	0.9137	0.9531	0.9677	0.4820
45.0	0.9541	0.9357	0.9844	0.9233	0.9448	0.9752	0.4643
45.1	0.9694	0.9444	0.9843	0.9342	0.9495	0.9769	0.5460
45.2	0.9737	0.9392	0.9851	0.9097	0.9477	0.9681	0.6815
45.3	0.9637	0.9373	0.9851	0.9208	0.9488	0.9708	0.7925
45.4	0.9600	0.9571	0.9880	0.9345	0.9667	0.9777	0.7992
45.5	0.9662	0.9637	0.9882	0.9278	0.9709	0.9755	0.6227
45.6	0.9804	0.9706	0.9848	0.9405	0.9773	0.9740	0.6243
45.7	0.9711	0.9719	0.9758	0.9357	0.9769	0.9598	0.8147
45.8	0.9651	0.9587	0.9808	0.9351	0.9682	0.9681	0.7459
45.9	0.9790	0.9619	0.9853	0.9463	0.9707	0.9763	0.8168
46.0	0.9630	0.9357	0.9719	0.9270	0.9454	0.9637	0.8697
46.1	0.9461	0.8982	0.9586	0.8918	0.9112	0.9403	0.8032
46.2	0.9672	0.9582	0.9830	0.9426	0.9650	0.9704	0.6313
46.3	0.9686	0.9446	0.9737	0.9334	0.9546	0.9606	0.7466
46.4	0.9505	0.9439	0.9464	0.9161	0.9445	0.9302	0.8018
46.5	0.9349	0.9549	0.9250	0.9044	0.9536	0.9001	0.7393
46.6	0.9445	0.9591	0.9474	0.9051	0.9630	0.9085	0.6984
46.7	0.9671	0.9452	0.9542	0.8721	0.9510	0.9396	0.7226
46.8	0.9649	0.8483	0.9660	0.8460	0.8698	0.9615	0.6199
46.9	0.9784	0.9063	0.9888	0.9088	0.9269	0.9784	0.6745
47.0	0.9812	0.9300	0.9743	0.9018	0.9429	0.9569	0.8229
47.1	0.9675	0.9261	0.9257	0.8865	0.9242	0.9107	0.7644
47.2	0.9380	0.8421	0.8629	0.6956	0.8399	0.8469	0.7556
47.3	0.9583	0.8218	0.9505	0.6918	0.8350	0.9464	0.7252
47.4	0.9770	0.9474	0.9753	0.9094	0.9510	0.9728	0.8103
47.5	0.9824	0.9551	0.9808	0.9416	0.9638	0.9756	0.7660
47.6	0.9561	0.9253	0.9443	0.9058	0.9367	0.9409	0.6960
47.7	0.9462	0.9353	0.9260	0.9242	0.9374	0.9290	0.6555
47.8	0.9182	0.9169	0.8722	0.8896	0.9101	0.8793	0.6205
47.9	0.8749	0.8822	0.7909	0.7837	0.8785	0.8399	0.6557
48.0	0.8902	0.8809	0.8700	0.8193	0.8821	0.8823	0.6430
48.1	0.9159	0.9122	0.8792	0.8628	0.9095	0.9027	0.8177
48.2	0.9190	0.9231	0.9271	0.8976	0.9276	0.9362	0.7386
48.3	0.9488	0.9420	0.9626	0.9562	0.9515	0.9694	0.8180
48.4	0.9451	0.9009	0.9359	0.9500	0.9325	0.9495	0.7544
48.5	0.8952	0.8606	0.8933	0.8886	0.8900	0.9182	0.6336
48.6	0.9617	0.9409	0.9704	0.9448	0.9555	0.9696	0.6112
48.7	0.9763	0.9746	0.9898	0.9710	0.9810	0.9892	0.7812
48.8	0.9566	0.9668	0.9672	0.9529	0.9702	0.9635	0.6886
48.9	0.8352	0.9121	0.8879	0.8945	0.9178	0.9229	0.5858
49.0	0.8925	0.9364	0.9584	0.9370	0.9442	0.9752	0.7536
49.1	0.9435	0.9556	0.9762	0.9500	0.9672	0.9845	0.7798
49.2	0.9584	0.9561	0.9771	0.9446	0.9614	0.9830	0.6985
49.3	0.9778	0.9721	0.9831	0.9650	0.9778	0.9892	0.7587
49.4	0.9765	0.9641	0.9737	0.9682	0.9706	0.9798	0.8273
49.5	0.9762	0.9493	0.9750	0.9509	0.9614	0.9804	0.6484
49.6	0.9759	0.9547	0.9788	0.9408	0.9668	0.9803	0.6892
49.7	0.9751	0.9589	0.9811	0.9525	0.9672	0.9806	0.8234
49.8	0.9757	0.9773	0.9706	0.9597	0.9797	0.9800	0.7845
49.9	0.9627	0.9570	0.9213	0.9308	0.9578	0.9473	0.6937
50.0	0.9459	0.9108	0.9094	0.8933	0.9122	0.9365	0.7148
50.1	0.9789	0.9672	0.9794	0.9548	0.9664	0.9860	0.7621
50.2	0.9850	0.9807	0.9865	0.9622	0.9808	0.9914	0.6686
50.3	0.9806	0.9811	0.9859	0.9626	0.9805	0.9914	0.7605
50.4	0.9721	0.9714	0.9800	0.9493	0.9735	0.9869	0.7392
50.5	0.9812	0.9793	0.9877	0.9617	0.9807	0.9910	0.7641
50.6	0.9843	0.9800	0.9879	0.9601	0.9830	0.9928	0.7151
50.7	0.9863	0.9794	0.9862	0.9653	0.9813	0.9918	0.7608
50.8	0.9887	0.9798	0.9881	0.9642	0.9796	0.9913	0.7216
50.9	0.9847	0.9738	0.9794	0.9527	0.9750	0.9844	0.6737

51.0	0.9663	0.9493	0.9576	0.9120	0.9493	0.9633	0.7543
51.1	0.9384	0.9133	0.9338	0.8886	0.9156	0.9471	0.7484
51.2	0.9631	0.9514	0.9545	0.9423	0.9541	0.9688	0.7634
51.3	0.9676	0.9616	0.9514	0.9356	0.9615	0.9648	0.7404
51.4	0.9829	0.9709	0.9738	0.9506	0.9699	0.9757	0.8545
51.5	0.9680	0.9516	0.9485	0.9219	0.9463	0.9578	0.8222
51.6	0.9577	0.9476	0.9484	0.9121	0.9429	0.9555	0.7787
51.7	0.9815	0.9818	0.9768	0.9624	0.9826	0.9769	0.7777
51.8	0.9829	0.9799	0.9795	0.9648	0.9783	0.9820	0.8566
51.9	0.9606	0.9568	0.9608	0.9441	0.9523	0.9653	0.7612
52.0	0.9565	0.9498	0.9554	0.9427	0.9468	0.9634	0.8144
52.1	0.9820	0.9779	0.9822	0.9760	0.9772	0.9860	0.9551
52.2	0.9927	0.9896	0.9930	0.9857	0.9912	0.9946	0.9454
52.3	0.9866	0.9854	0.9824	0.9851	0.9853	0.9842	0.9493
52.4	0.9698	0.9661	0.9474	0.9584	0.9625	0.9471	0.9515
52.5	0.9671	0.9601	0.9352	0.9527	0.9579	0.9347	0.9201
52.6	0.9777	0.9748	0.9554	0.9698	0.9732	0.9553	0.8610
52.7	0.9333	0.9244	0.8646	0.8969	0.9181	0.8646	0.8634
52.8	0.9105	0.8969	0.8797	0.8809	0.8869	0.8829	0.8386
52.9	0.9669	0.9656	0.9656	0.9658	0.9649	0.9679	0.9116
53.0	0.9935	0.9934	0.9922	0.9924	0.9932	0.9929	0.9675
53.1	0.9964	0.9953	0.9966	0.9940	0.9954	0.9964	0.9708
53.2	0.9925	0.9924	0.9908	0.9879	0.9927	0.9922	0.9624
53.3	0.9902	0.9872	0.9808	0.9754	0.9861	0.9822	0.9418
53.4	0.9850	0.9806	0.9696	0.9724	0.9781	0.9772	0.9464
53.5	0.9696	0.9726	0.9230	0.9699	0.9684	0.9363	0.9230
53.6	0.9648	0.9731	0.9152	0.9576	0.9684	0.9227	0.9289
53.7	0.9737	0.9678	0.9416	0.9552	0.9674	0.9477	0.9303
53.8	0.9727	0.9621	0.9491	0.9535	0.9602	0.9557	0.9363
53.9	0.9780	0.9681	0.9633	0.9645	0.9684	0.9637	0.9536
54.0	0.9789	0.9712	0.9732	0.9688	0.9721	0.9709	0.9624
54.1	0.9636	0.9579	0.9589	0.9551	0.9573	0.9597	0.9522
54.2	0.9435	0.9360	0.9348	0.9333	0.9350	0.9374	0.9165
54.3	0.9803	0.9784	0.9741	0.9756	0.9780	0.9739	0.9353
54.4	0.9892	0.9880	0.9886	0.9854	0.9885	0.9889	0.9526
54.5	0.9908	0.9893	0.9898	0.9872	0.9894	0.9896	0.9678
54.6	0.9758	0.9749	0.9611	0.9747	0.9735	0.9646	0.9567
54.7	0.9629	0.9580	0.9234	0.9642	0.9559	0.9319	0.9561
54.8	0.9624	0.9571	0.9353	0.9583	0.9532	0.9462	0.9512
54.9	0.9693	0.9632	0.9517	0.9627	0.9615	0.9567	0.9519
55.0	0.9906	0.9888	0.9864	0.9867	0.9886	0.9869	0.9647
55.1	0.9936	0.9924	0.9922	0.9920	0.9920	0.9922	0.9736
55.2	0.9934	0.9923	0.9932	0.9912	0.9923	0.9919	0.9631
55.3	0.9944	0.9935	0.9922	0.9924	0.9934	0.9922	0.9719
55.4	0.9865	0.9869	0.9772	0.9839	0.9854	0.9792	0.9781
55.5	0.9564	0.9639	0.9185	0.9568	0.9599	0.9311	0.9621
55.6	0.9746	0.9775	0.9566	0.9731	0.9756	0.9614	0.9480
55.7	0.9941	0.9940	0.9889	0.9926	0.9936	0.9904	0.9342
55.8	0.9961	0.9956	0.9948	0.9951	0.9951	0.9940	0.9595
55.9	0.9912	0.9908	0.9842	0.9894	0.9905	0.9834	0.9229
56.0	0.9544	0.9640	0.8689	0.9508	0.9611	0.8833	0.9234
56.1	0.9553	0.9643	0.9077	0.9532	0.9607	0.9130	0.9504
56.2	0.9878	0.9889	0.9789	0.9877	0.9878	0.9797	0.9658
56.3	0.9944	0.9944	0.9936	0.9938	0.9939	0.9928	0.9643
56.4	0.9957	0.9952	0.9955	0.9944	0.9944	0.9947	0.9578
56.5	0.9955	0.9948	0.9954	0.9941	0.9940	0.9943	0.9171
56.6	0.9955	0.9939	0.9964	0.9940	0.9935	0.9952	0.9016
56.7	0.9957	0.9939	0.9952	0.9945	0.9935	0.9954	0.9423
56.8	0.9969	0.9958	0.9962	0.9959	0.9957	0.9961	0.9653
56.9	0.9959	0.9950	0.9937	0.9942	0.9945	0.9947	0.9488
57.0	0.9926	0.9907	0.9867	0.9909	0.9896	0.9873	0.9407
57.1	0.9775	0.9761	0.9030	0.9730	0.9716	0.9273	0.9256
57.2	0.9529	0.9557	0.8588	0.9469	0.9478	0.8772	0.9219
57.3	0.9844	0.9853	0.9663	0.9832	0.9833	0.9692	0.9681
57.4	0.9902	0.9894	0.9845	0.9911	0.9875	0.9871	0.9611
57.5	0.9956	0.9939	0.9953	0.9951	0.9939	0.9958	0.9221
57.6	0.9921	0.9894	0.9939	0.9925	0.9893	0.9920	0.8862
57.7	0.9937	0.9916	0.9967	0.9946	0.9917	0.9954	0.9242
57.8	0.9959	0.9936	0.9976	0.9952	0.9930	0.9965	0.9644
57.9	0.9960	0.9932	0.9969	0.9951	0.9928	0.9950	0.9680
58.0	0.9958	0.9941	0.9975	0.9954	0.9941	0.9963	0.9525
58.1	0.9956	0.9939	0.9968	0.9948	0.9933	0.9960	0.8936
58.2	0.9953	0.9932	0.9959	0.9935	0.9929	0.9950	0.8636
58.3	0.9958	0.9936	0.9951	0.9932	0.9940	0.9928	0.8635
58.4	0.9886	0.9791	0.9884	0.9830	0.9802	0.9818	0.8845
58.5	0.9801	0.9579	0.9690	0.9619	0.9557	0.9675	0.9451
58.6	0.9714	0.9367	0.9565	0.9396	0.9321	0.9597	0.9365
58.7	0.9888	0.9779	0.9850	0.9767	0.9767	0.9832	0.9483
58.8	0.9954	0.9936	0.9974	0.9933	0.9934	0.9948	0.9682
58.9	0.9956	0.9928	0.9945	0.9921	0.9917	0.9943	0.9550
59.0	0.9902	0.9848	0.9880	0.9873	0.9833	0.9914	0.9319
59.1	0.9927	0.9890	0.9914	0.9899	0.9888	0.9907	0.9145
59.2	0.9961	0.9934	0.9962	0.9916	0.9939	0.9945	0.8707
59.3	0.9959	0.9938	0.9971	0.9910	0.9935	0.9946	0.9188
59.4	0.9957	0.9937	0.9967	0.9882	0.9934	0.9949	0.9552
59.5	0.9961	0.9949	0.9972	0.9860	0.9944	0.9960	0.9699

59.6	0.9958	0.9943	0.9973	0.9459	0.9944	0.9955	0.9506
59.7	0.9965	0.9949	0.9971	0.8450	0.9945	0.9947	0.9421
59.8	0.9963	0.9931	0.9972	0.3033	0.9924	0.9930	0.9591
59.9	0.9917	0.9912	0.9966	0.0181	0.9917	0.9908	0.8426
60.0	0.9711	0.9897	0.9922	0.0224	0.9918	0.9891	0.6083
60.1	0.9871	0.9935	0.9953	0.0209	0.9934	0.9911	0.8119
60.2	0.9948	0.9929	0.9950	0.0440	0.9921	0.9928	0.9323
60.3	0.9961	0.9939	0.9954	0.6711	0.9937	0.9925	0.9378
60.4	0.9971	0.9956	0.9965	0.9406	0.9951	0.9941	0.9745
60.5	0.9968	0.9954	0.9963	0.9773	0.9950	0.9956	0.9688
60.6	0.9973	0.9958	0.9947	0.9893	0.9959	0.9948	0.9618
60.7	0.9954	0.9923	0.9931	0.9894	0.9928	0.9907	0.9690
60.8	0.9968	0.9936	0.9946	0.9914	0.9945	0.9942	0.9737
60.9	0.9983	0.9961	0.9964	0.9969	0.9969	0.9963	0.9732
61.0	0.9985	0.9967	0.9977	0.9968	0.9971	0.9974	0.9814
61.1	0.9980	0.9962	0.9967	0.9962	0.9966	0.9940	0.9640
61.2	0.9979	0.9960	0.9964	0.9962	0.9963	0.9915	0.9293
61.3	0.9968	0.9931	0.9955	0.9936	0.9940	0.9908	0.9142
61.4	0.9965	0.9928	0.9956	0.9939	0.9936	0.9934	0.9449
61.5	0.9968	0.9935	0.9951	0.9937	0.9938	0.9923	0.9675
61.6	0.9974	0.9937	0.9952	0.9943	0.9940	0.9918	0.9750
61.7	0.9975	0.9941	0.9953	0.9941	0.9946	0.9924	0.9753
61.8	0.9973	0.9951	0.9959	0.9955	0.9953	0.9921	0.9653
61.9	0.9979	0.9942	0.9955	0.9957	0.9946	0.9911	0.9655
62.0	0.9979	0.9948	0.9964	0.9957	0.9949	0.9934	0.9699
62.1	0.9977	0.9954	0.9968	0.9963	0.9959	0.9951	0.9701
62.2	0.9981	0.9955	0.9970	0.9966	0.9962	0.9933	0.9666
62.3	0.9978	0.9959	0.9964	0.9956	0.9959	0.9916	0.9597
62.4	0.9979	0.9945	0.9967	0.9959	0.9948	0.9923	0.9780
62.5	0.9981	0.9945	0.9964	0.9965	0.9955	0.9929	0.9843
62.6	0.9976	0.9946	0.9952	0.9961	0.9954	0.9895	0.9807
62.7	0.9967	0.9940	0.9939	0.9943	0.9944	0.9877	0.9780
62.8	0.9974	0.9933	0.9956	0.9953	0.9939	0.9911	0.9751
62.9	0.9983	0.9943	0.9960	0.9967	0.9947	0.9918	0.9715
63.0	0.9983	0.9943	0.9971	0.9962	0.9945	0.9905	0.9765
63.1	0.9978	0.9935	0.9963	0.9947	0.9937	0.9903	0.9836
63.2	0.9985	0.9948	0.9977	0.9964	0.9954	0.9934	0.9864
63.3	0.9985	0.9947	0.9984	0.9966	0.9954	0.9943	0.9865
63.4	0.9980	0.9935	0.9981	0.9960	0.9942	0.9935	0.9879
63.5	0.9970	0.9909	0.9966	0.9946	0.9917	0.9889	0.9841
63.6	0.9980	0.9926	0.9974	0.9960	0.9930	0.9923	0.9856
63.7	0.9975	0.9906	0.9969	0.9951	0.9917	0.9918	0.9892
63.8	0.9980	0.9912	0.9969	0.9950	0.9921	0.9931	0.9925
63.9	0.9978	0.9901	0.9966	0.9951	0.9915	0.9935	0.9908
64.0	0.9977	0.9901	0.9965	0.9960	0.9915	0.9937	0.9876
64.1	0.9965	0.9850	0.9964	0.9938	0.9869	0.9910	0.9863
64.2	0.9966	0.9852	0.9960	0.9936	0.9883	0.9891	0.9895
64.3	0.9975	0.9894	0.9964	0.9945	0.9907	0.9917	0.9931
64.4	0.9967	0.9865	0.9970	0.9944	0.9882	0.9903	0.9924
64.5	0.9976	0.9876	0.9962	0.9964	0.9900	0.9921	0.9919
64.6	0.9973	0.9811	0.9955	0.9962	0.9854	0.9922	0.9923
64.7	0.9969	0.9752	0.9956	0.9950	0.9793	0.9920	0.9888
64.8	0.9964	0.9758	0.9945	0.9935	0.9810	0.9901	0.9907
64.9	0.9950	0.9741	0.9939	0.9941	0.9815	0.9888	0.9828
65.0	0.9974	0.9725	0.9962	0.9961	0.9782	0.9920	0.9880
65.1	0.9963	0.9689	0.9960	0.9940	0.9727	0.9868	0.9917
65.2	0.9956	0.9751	0.9953	0.9939	0.9786	0.9883	0.9924
65.3	0.9960	0.9699	0.9948	0.9943	0.9736	0.9881	0.9918
65.4	0.9959	0.9739	0.9951	0.9949	0.9786	0.9864	0.9900
65.5	0.9963	0.9860	0.9962	0.9957	0.9876	0.9894	0.9929
65.6	0.9964	0.9817	0.9963	0.9951	0.9803	0.9896	0.9934
65.7	0.9952	0.9803	0.9956	0.9938	0.9796	0.9901	0.9940
65.8	0.9948	0.9876	0.9947	0.9941	0.9876	0.9877	0.9889
65.9	0.9930	0.9819	0.9906	0.9920	0.9820	0.9792	0.9794
66.0	0.9905	0.9804	0.9887	0.9901	0.9804	0.9744	0.9742
66.1	0.9940	0.9900	0.9937	0.9935	0.9900	0.9855	0.9872
66.2	0.9951	0.9871	0.9942	0.9950	0.9877	0.9886	0.9943
66.3	0.9942	0.9894	0.9922	0.9945	0.9901	0.9883	0.9931
66.4	0.9948	0.9925	0.9935	0.9952	0.9927	0.9925	0.9929
66.5	0.9934	0.9900	0.9923	0.9937	0.9904	0.9891	0.9907
66.6	0.9935	0.9895	0.9923	0.9937	0.9902	0.9882	0.9841
66.7	0.9949	0.9941	0.9946	0.9949	0.9941	0.9881	0.9854
66.8	0.9940	0.9947	0.9961	0.9943	0.9948	0.9907	0.9928
66.9	0.9929	0.9942	0.9957	0.9933	0.9940	0.9887	0.9885
67.0	0.9912	0.9935	0.9945	0.9926	0.9932	0.9857	0.9821
67.1	0.9904	0.9944	0.9962	0.9940	0.9945	0.9873	0.9891
67.2	0.9910	0.9948	0.9960	0.9942	0.9950	0.9905	0.9901
67.3	0.9887	0.9918	0.9932	0.9921	0.9922	0.9879	0.9859
67.4	0.9910	0.9932	0.9942	0.9945	0.9932	0.9884	0.9920
67.5	0.9903	0.9931	0.9951	0.9939	0.9931	0.9862	0.9878
67.6	0.9918	0.9925	0.9946	0.9936	0.9927	0.9873	0.9753
67.7	0.9922	0.9928	0.9936	0.9950	0.9931	0.9893	0.9781
67.8	0.9900	0.9945	0.9952	0.9944	0.9946	0.9898	0.9851
67.9	0.9904	0.9947	0.9944	0.9945	0.9950	0.9893	0.9889
68.0	0.9887	0.9943	0.9943	0.9943	0.9946	0.9890	0.9872
68.1	0.9894	0.9943	0.9950	0.9937	0.9943	0.9879	0.9791

68.2	0.9891	0.9929	0.9937	0.9931	0.9928	0.9865	0.9611
68.3	0.9921	0.9938	0.9935	0.9949	0.9941	0.9897	0.9741
68.4	0.9921	0.9936	0.9943	0.9941	0.9939	0.9871	0.9853
68.5	0.9923	0.9942	0.9955	0.9948	0.9944	0.9864	0.9879
68.6	0.9915	0.9960	0.9963	0.9955	0.9959	0.9866	0.9874
68.7	0.9922	0.9952	0.9946	0.9959	0.9953	0.9907	0.9825
68.8	0.9931	0.9960	0.9953	0.9959	0.9957	0.9932	0.9894
68.9	0.9942	0.9960	0.9955	0.9955	0.9961	0.9909	0.9879
69.0	0.9919	0.9950	0.9942	0.9934	0.9950	0.9872	0.9871
69.1	0.9931	0.9963	0.9944	0.9951	0.9963	0.9873	0.9888
69.2	0.9923	0.9961	0.9951	0.9952	0.9964	0.9898	0.9867
69.3	0.9934	0.9960	0.9958	0.9955	0.9961	0.9928	0.9876
69.4	0.9936	0.9946	0.9941	0.9954	0.9947	0.9917	0.9851
69.5	0.9924	0.9945	0.9944	0.9946	0.9945	0.9911	0.9877
69.6	0.9932	0.9960	0.9948	0.9961	0.9960	0.9889	0.9846
69.7	0.9911	0.9959	0.9942	0.9961	0.9959	0.9863	0.9842
69.8	0.9910	0.9949	0.9932	0.9957	0.9953	0.9873	0.9757
69.9	0.9926	0.9960	0.9948	0.9963	0.9961	0.9875	0.9708
70.0	0.9924	0.9955	0.9941	0.9956	0.9956	0.9915	0.9615
70.1	0.9898	0.9941	0.9927	0.9944	0.9941	0.9925	0.9625
70.2	0.9898	0.9933	0.9904	0.9941	0.9937	0.9874	0.9659
70.3	0.9929	0.9947	0.9924	0.9953	0.9949	0.9879	0.9726
70.4	0.9893	0.9951	0.9938	0.9945	0.9947	0.9885	0.9799
70.5	0.9890	0.9937	0.9895	0.9938	0.9937	0.9852	0.9712
70.6	0.9915	0.9951	0.9916	0.9957	0.9948	0.9856	0.9624
70.7	0.9894	0.9931	0.9895	0.9936	0.9929	0.9849	0.9418
70.8	0.9840	0.9904	0.9857	0.9905	0.9899	0.9748	0.9391
70.9	0.9865	0.9918	0.9794	0.9918	0.9924	0.9807	0.9271
71.0	0.9868	0.9918	0.9802	0.9912	0.9919	0.9826	0.9464
71.1	0.9878	0.9937	0.9874	0.9938	0.9930	0.9818	0.9580
71.2	0.9846	0.9912	0.9809	0.9925	0.9906	0.9752	0.9394
71.3	0.9879	0.9908	0.9789	0.9918	0.9906	0.9798	0.9153
71.4	0.9905	0.9924	0.9796	0.9936	0.9926	0.9846	0.9323
71.5	0.9874	0.9917	0.9704	0.9904	0.9917	0.9757	0.9548
71.6	0.9876	0.9922	0.9696	0.9916	0.9921	0.9735	0.9352
71.7	0.9880	0.9933	0.9657	0.9930	0.9929	0.9752	0.9280
71.8	0.9855	0.9903	0.9506	0.9910	0.9900	0.9673	0.9245
71.9	0.9828	0.9876	0.9394	0.9906	0.9875	0.9624	0.9490
72.0	0.9834	0.9877	0.9372	0.9895	0.9879	0.9627	0.9565
72.1	0.9852	0.9873	0.9150	0.9892	0.9877	0.9674	0.9609
72.2	0.9869	0.9907	0.9140	0.9908	0.9904	0.9661	0.9459
72.3	0.9841	0.9882	0.8903	0.9873	0.9880	0.9548	0.9160
72.4	0.9859	0.9898	0.9151	0.9912	0.9899	0.9560	0.9191
72.5	0.9898	0.9936	0.9388	0.9932	0.9932	0.9655	0.9439
72.6	0.9875	0.9912	0.9285	0.9912	0.9905	0.9644	0.9604
72.7	0.9864	0.9894	0.9210	0.9903	0.9893	0.9631	0.9318
72.8	0.9870	0.9892	0.8942	0.9903	0.9896	0.9516	0.9232
72.9	0.9835	0.9850	0.8935	0.9863	0.9860	0.9439	0.9270
73.0	0.9821	0.9847	0.9039	0.9843	0.9855	0.9415	0.9168
73.1	0.9889	0.9897	0.9240	0.9903	0.9899	0.9586	0.9257
73.2	0.9868	0.9877	0.9198	0.9896	0.9893	0.9614	0.9625
73.3	0.9762	0.9784	0.9001	0.9818	0.9812	0.9399	0.9325
73.4	0.9777	0.9789	0.9081	0.9811	0.9816	0.9375	0.8819
73.5	0.9736	0.9755	0.8971	0.9806	0.9788	0.9238	0.9356
73.6	0.9809	0.9822	0.9172	0.9837	0.9856	0.9359	0.9594
73.7	0.9831	0.9851	0.9404	0.9865	0.9868	0.9501	0.9606
73.8	0.9831	0.9837	0.9312	0.9852	0.9854	0.9465	0.9636
73.9	0.9825	0.9824	0.9330	0.9849	0.9846	0.9479	0.9424
74.0	0.9759	0.9770	0.9321	0.9805	0.9806	0.9436	0.9032
74.1	0.9698	0.9737	0.9230	0.9782	0.9789	0.9311	0.9478
74.2	0.9742	0.9762	0.9409	0.9800	0.9806	0.9464	0.9753
74.3	0.9706	0.9718	0.9251	0.9770	0.9769	0.9409	0.9633
74.4	0.9698	0.9726	0.9233	0.9780	0.9775	0.9334	0.9412
74.5	0.9723	0.9752	0.9364	0.9803	0.9794	0.9414	0.9631
74.6	0.9738	0.9772	0.9514	0.9790	0.9791	0.9545	0.9569
74.7	0.9743	0.9779	0.9460	0.9787	0.9790	0.9527	0.9325
74.8	0.9770	0.9778	0.9521	0.9805	0.9795	0.9574	0.9468
74.9	0.9758	0.9754	0.9322	0.9809	0.9799	0.9384	0.9534
75.0	0.9776	0.9788	0.9411	0.9822	0.9824	0.9477	0.9694
75.1	0.9825	0.9845	0.9469	0.9846	0.9855	0.9557	0.9760
75.2	0.9823	0.9839	0.9370	0.9846	0.9856	0.9430	0.9652
75.3	0.9790	0.9800	0.9353	0.9809	0.9821	0.9422	0.9630
75.4	0.9834	0.9846	0.9386	0.9852	0.9866	0.9498	0.9599
75.5	0.9847	0.9864	0.9432	0.9870	0.9863	0.9521	0.9649
75.6	0.9845	0.9857	0.9403	0.9861	0.9856	0.9479	0.9643
75.7	0.9844	0.9852	0.9359	0.9861	0.9868	0.9464	0.9545
75.8	0.9843	0.9845	0.9198	0.9852	0.9866	0.9400	0.9480
75.9	0.9849	0.9822	0.9109	0.9832	0.9854	0.9312	0.9609
76.0	0.9879	0.9862	0.9232	0.9849	0.9887	0.9396	0.9681
76.1	0.9883	0.9874	0.9431	0.9861	0.9882	0.9559	0.9738
76.2	0.9858	0.9857	0.9327	0.9868	0.9867	0.9508	0.9747
76.3	0.9883	0.9865	0.9301	0.9857	0.9883	0.9517	0.9754
76.4	0.9869	0.9850	0.9123	0.9839	0.9870	0.9396	0.9565
76.5	0.9878	0.9866	0.9135	0.9855	0.9881	0.9428	0.9688
76.6	0.9885	0.9864	0.9261	0.9835	0.9880	0.9525	0.9709
76.7	0.9887	0.9860	0.9131	0.9838	0.9876	0.9440	0.9717

76.8	0.9864	0.9882	0.9289	0.9861	0.9874	0.9572	0.9804
76.9	0.9874	0.9877	0.9162	0.9847	0.9867	0.9536	0.9748
77.0	0.9863	0.9843	0.9011	0.9796	0.9840	0.9428	0.9638
77.1	0.9829	0.9833	0.9034	0.9793	0.9810	0.9485	0.9556
77.2	0.9843	0.9860	0.9001	0.9833	0.9831	0.9453	0.9634
77.3	0.9884	0.9883	0.9222	0.9834	0.9852	0.9632	0.9775
77.4	0.9909	0.9901	0.9306	0.9861	0.9897	0.9694	0.9804
77.5	0.9898	0.9908	0.9255	0.9888	0.9901	0.9681	0.9766
77.6	0.9904	0.9919	0.9042	0.9885	0.9904	0.9640	0.9755
77.7	0.9870	0.9892	0.8835	0.9850	0.9876	0.9543	0.9711
77.8	0.9912	0.9916	0.8920	0.9874	0.9906	0.9577	0.9795
77.9	0.9909	0.9911	0.8838	0.9860	0.9898	0.9570	0.9732
78.0	0.9915	0.9928	0.8685	0.9887	0.9919	0.9533	0.9596
78.1	0.9929	0.9934	0.8815	0.9903	0.9929	0.9606	0.9674
78.2	0.9916	0.9923	0.9019	0.9875	0.9910	0.9700	0.9702
78.3	0.9901	0.9928	0.8712	0.9888	0.9908	0.9605	0.9741
78.4	0.9900	0.9925	0.8428	0.9868	0.9902	0.9541	0.9738
78.5	0.9907	0.9931	0.8689	0.9879	0.9904	0.9638	0.9796
78.6	0.9921	0.9926	0.8713	0.9879	0.9908	0.9637	0.9801
78.7	0.9871	0.9893	0.8253	0.9828	0.9851	0.9456	0.9708
78.8	0.9893	0.9905	0.8369	0.9854	0.9872	0.9487	0.9801
78.9	0.9879	0.9919	0.8549	0.9880	0.9887	0.9618	0.9849
79.0	0.9863	0.9935	0.8222	0.9900	0.9901	0.9636	0.9793
79.1	0.9900	0.9944	0.8342	0.9908	0.9916	0.9724	0.9834
79.2	0.9897	0.9937	0.7365	0.9894	0.9907	0.9576	0.9780
79.3	0.9895	0.9928	0.7132	0.9865	0.9897	0.9464	0.9603
79.4	0.9917	0.9937	0.6865	0.9898	0.9916	0.9449	0.9628
79.5	0.9914	0.9933	0.7114	0.9888	0.9911	0.9567	0.9661
79.6	0.9899	0.9915	0.6866	0.9858	0.9886	0.9629	0.9772
79.7	0.9902	0.9926	0.6464	0.9866	0.9893	0.9562	0.9695
79.8	0.9911	0.9927	0.6412	0.9851	0.9901	0.9457	0.9571
79.9	0.9937	0.9944	0.7409	0.9879	0.9928	0.9605	0.9746
80.0	0.9924	0.9934	0.7278	0.9856	0.9917	0.9534	0.9744

2.2.19 Run 2 – IP270-200 – Accels 1–8

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.5738	0.3268	0.8297	0.7133	0.2518	0.8267	0.6886	0.6362
0.1	0.2507	0.1131	0.5392	0.4412	0.0996	0.4636	0.2784	0.2487
0.2	0.0012	0.0081	0.0017	0.0268	0.0008	0.0001	0.0046	0.0065
0.3	0.0093	0.0009	0.0117	0.0060	0.0106	0.0198	0.0027	0.0462
0.4	0.0214	0.0052	0.0016	0.0578	0.0569	0.0348	0.0055	0.0394
0.5	0.0631	0.0096	0.0126	0.0029	0.0392	0.0030	0.0095	0.0061
0.6	0.0026	0.0437	0.0132	0.0129	0.0747	0.0201	0.0255	0.0070
0.7	0.1743	0.1524	0.0153	0.0333	0.0574	0.0847	0.0225	0.0081
0.8	0.5034	0.4483	0.0056	0.0064	0.0554	0.4287	0.0113	0.0212
0.9	0.7824	0.8214	0.0046	0.0192	0.0019	0.7338	0.0134	0.0882
1.0	0.7991	0.8664	0.0053	0.0682	0.1587	0.7077	0.0067	0.0573
1.1	0.8156	0.8887	0.0265	0.0601	0.3363	0.7277	0.0707	0.1615
1.2	0.9146	0.9234	0.0126	0.0149	0.6615	0.8215	0.0408	0.3082
1.3	0.9541	0.9568	0.0237	0.0080	0.5701	0.8980	0.0162	0.3735
1.4	0.9130	0.9282	0.0206	0.0244	0.2230	0.8743	0.0681	0.3736
1.5	0.9480	0.9524	0.0593	0.2103	0.3895	0.8900	0.0754	0.6101
1.6	0.9383	0.9412	0.0594	0.1776	0.6753	0.9043	0.0538	0.7054
1.7	0.7850	0.7895	0.0168	0.1629	0.8104	0.7522	0.0629	0.7010
1.8	0.7538	0.7546	0.0158	0.4308	0.8876	0.7421	0.0919	0.8803
1.9	0.8631	0.8591	0.0193	0.5831	0.9113	0.8737	0.3533	0.8821
2.0	0.9264	0.9222	0.1100	0.7490	0.8995	0.9415	0.5901	0.9356
2.1	0.9231	0.9162	0.2129	0.8766	0.8305	0.9462	0.7983	0.9274
2.2	0.9536	0.9473	0.4997	0.7849	0.6439	0.9713	0.6878	0.7334
2.3	0.9624	0.9561	0.3722	0.4778	0.4420	0.9806	0.4294	0.5117
2.4	0.9228	0.9100	0.2673	0.3130	0.5383	0.9655	0.4553	0.5931
2.5	0.8980	0.8795	0.1101	0.0966	0.8814	0.9558	0.6978	0.9001
2.6	0.8391	0.8001	0.0574	0.4541	0.9667	0.9428	0.5348	0.9232
2.7	0.7986	0.7458	0.0145	0.4655	0.9804	0.9397	0.3382	0.9227
2.8	0.6731	0.5740	0.0001	0.4989	0.9802	0.9234	0.1471	0.8691
2.9	0.4991	0.3957	0.0025	0.6694	0.9843	0.8865	0.0066	0.8000
3.0	0.4567	0.3994	0.0050	0.4749	0.9733	0.8780	0.0033	0.7887
3.1	0.3133	0.3106	0.0201	0.3852	0.9707	0.8228	0.0174	0.6976
3.2	0.2462	0.3304	0.0090	0.5292	0.9634	0.7563	0.0168	0.6043
3.3	0.3896	0.4733	0.0283	0.5688	0.9600	0.7697	0.0192	0.6565
3.4	0.2820	0.3410	0.0357	0.5585	0.9206	0.7148	0.0065	0.6082
3.5	0.2206	0.3460	0.0389	0.7054	0.9176	0.7582	0.0332	0.6440
3.6	0.2634	0.4096	0.0326	0.6518	0.9145	0.7897	0.1356	0.6842
3.7	0.2292	0.4099	0.0629	0.6315	0.8704	0.7207	0.1288	0.5828
3.8	0.2298	0.4441	0.0267	0.5816	0.8567	0.7346	0.0684	0.6004
3.9	0.4544	0.6437	0.0220	0.6186	0.8884	0.7566	0.0273	0.6204
4.0	0.5395	0.7114	0.0092	0.6776	0.8815	0.7903	0.1318	0.6428
4.1	0.6572	0.7993	0.0351	0.7236	0.8803	0.8539	0.1662	0.7072
4.2	0.7151	0.8324	0.0575	0.7618	0.8542	0.8759	0.1872	0.7589
4.3	0.8104	0.8842	0.0267	0.7147	0.7788	0.8580	0.1271	0.7045
4.4	0.9168	0.9497	0.0220	0.6985	0.7274	0.9075	0.1487	0.7392
4.5	0.9545	0.9723	0.0444	0.7652	0.6868	0.9408	0.1729	0.7545
4.6	0.9690	0.9809	0.0425	0.8603	0.7602	0.9578	0.2345	0.8326
4.7	0.9776	0.9859	0.0111	0.8563	0.8438	0.9641	0.3298	0.8791
4.8	0.9846	0.9899	0.0045	0.8556	0.8715	0.9722	0.3986	0.9092
4.9	0.9885	0.9918	0.0098	0.8542	0.8471	0.9725	0.2885	0.8988
5.0	0.9924	0.9951	0.0002	0.9107	0.8828	0.9789	0.3418	0.9212
5.1	0.9928	0.9952	0.0002	0.9131	0.8929	0.9785	0.4205	0.9329
5.2	0.9885	0.9921	0.0037	0.8847	0.8504	0.9665	0.3515	0.9132
5.3	0.9898	0.9928	0.0017	0.8908	0.8361	0.9627	0.4591	0.9196
5.4	0.9918	0.9942	0.0064	0.8337	0.6911	0.9629	0.4468	0.9321
5.5	0.9908	0.9936	0.0195	0.8442	0.5388	0.9525	0.5124	0.9426
5.6	0.9902	0.9930	0.0690	0.9098	0.4471	0.9403	0.4541	0.9133
5.7	0.9853	0.9900	0.0529	0.8735	0.4720	0.9191	0.3931	0.8492
5.8	0.9903	0.9933	0.0016	0.8934	0.6395	0.9445	0.4402	0.8986
5.9	0.9869	0.9908	0.0034	0.8427	0.6157	0.9182	0.4207	0.8795
6.0	0.9831	0.9881	0.0106	0.8342	0.4227	0.8856	0.5451	0.8345
6.1	0.9881	0.9915	0.0130	0.8754	0.5583	0.9107	0.6696	0.8859
6.2	0.9914	0.9938	0.0233	0.8646	0.6640	0.9374	0.6350	0.9103
6.3	0.9908	0.9934	0.0204	0.8546	0.6476	0.9314	0.6957	0.9067
6.4	0.9947	0.9961	0.0304	0.8240	0.7226	0.9469	0.6261	0.9360
6.5	0.9962	0.9971	0.0574	0.4824	0.7487	0.9620	0.2557	0.9332
6.6	0.9959	0.9970	0.0055	0.6883	0.8020	0.9603	0.5519	0.9316
6.7	0.9965	0.9972	0.0147	0.8457	0.8064	0.9646	0.7750	0.9484
6.8	0.9967	0.9973	0.0032	0.8316	0.7640	0.9588	0.7585	0.9513
6.9	0.9975	0.9979	0.0066	0.8253	0.8500	0.9760	0.7589	0.9546
7.0	0.9980	0.9983	0.0095	0.8019	0.8673	0.9849	0.7397	0.9311
7.1	0.9980	0.9982	0.0912	0.6038	0.8393	0.9817	0.5588	0.8132
7.2	0.9987	0.9989	0.1069	0.6076	0.8045	0.9865	0.6065	0.7220
7.3	0.9990	0.9991	0.0690	0.6836	0.7887	0.9925	0.7079	0.6850
7.4	0.9990	0.9991	0.0709	0.6042	0.7515	0.9910	0.6604	0.6595
7.5	0.9985	0.9988	0.0878	0.4678	0.7688	0.9889	0.6008	0.7149
7.6	0.9984	0.9986	0.0210	0.4453	0.7034	0.9853	0.6353	0.7854
7.7	0.9982	0.9985	0.0274	0.3765	0.5691	0.9743	0.5795	0.8559
7.8	0.9986	0.9988	0.0282	0.4188	0.5852	0.9827	0.6415	0.9317
7.9	0.9990	0.9992	0.0075	0.2389	0.5058	0.9895	0.6185	0.9637

8.0	0.9985	0.9988	0.0084	0.0786	0.4166	0.9861	0.4914	0.9506
8.1	0.9990	0.9991	0.0164	0.0417	0.6143	0.9891	0.5747	0.9675
8.2	0.9986	0.9988	0.0073	0.0525	0.7176	0.9865	0.6382	0.9627
8.3	0.9984	0.9986	0.0381	0.0091	0.7053	0.9838	0.6405	0.9661
8.4	0.9983	0.9985	0.0638	0.0025	0.7280	0.9833	0.6713	0.9662
8.5	0.9987	0.9990	0.0147	0.0076	0.7536	0.9879	0.6984	0.9744
8.6	0.9982	0.9988	0.0261	0.0603	0.6597	0.9860	0.6875	0.9672
8.7	0.9985	0.9988	0.0541	0.1044	0.7531	0.9857	0.7946	0.9637
8.8	0.9983	0.9986	0.0688	0.1132	0.8410	0.9833	0.7449	0.9585
8.9	0.9988	0.9990	0.0091	0.1688	0.8597	0.9828	0.6902	0.9418
9.0	0.9991	0.9990	0.0181	0.3274	0.8848	0.9828	0.6152	0.9174
9.1	0.9988	0.9988	0.0154	0.4755	0.9092	0.9839	0.6050	0.9316
9.2	0.9985	0.9988	0.1029	0.5286	0.9284	0.9808	0.6426	0.9374
9.3	0.9986	0.9988	0.2531	0.6520	0.9371	0.9750	0.5869	0.9219
9.4	0.9985	0.9987	0.2918	0.6962	0.9391	0.9764	0.4313	0.8955
9.5	0.9983	0.9985	0.2517	0.7250	0.9374	0.9820	0.2243	0.8278
9.6	0.9989	0.9990	0.1868	0.7981	0.9312	0.9839	0.2046	0.8096
9.7	0.9986	0.9988	0.0822	0.7791	0.9517	0.9855	0.1946	0.7687
9.8	0.9990	0.9991	0.1439	0.8292	0.9719	0.9912	0.2705	0.8323
9.9	0.9990	0.9991	0.1703	0.7557	0.9488	0.9911	0.2640	0.7924
10.0	0.9987	0.9988	0.0725	0.6298	0.9309	0.9888	0.3100	0.7962
10.1	0.9990	0.9990	0.1234	0.5805	0.9558	0.9920	0.4120	0.8480
10.2	0.9993	0.9992	0.0663	0.6687	0.9670	0.9906	0.4831	0.8787
10.3	0.9986	0.9988	0.0183	0.6749	0.9588	0.9889	0.3413	0.8783
10.4	0.9986	0.9987	0.0366	0.6683	0.9673	0.9879	0.3493	0.8782
10.5	0.9989	0.9990	0.0999	0.7806	0.9656	0.9892	0.4575	0.9111
10.6	0.9986	0.9988	0.1438	0.8960	0.9678	0.9929	0.6138	0.9328
10.7	0.9984	0.9987	0.0783	0.9416	0.9740	0.9931	0.7824	0.9379
10.8	0.9988	0.9990	0.0337	0.9488	0.9729	0.9921	0.8547	0.9383
10.9	0.9981	0.9984	0.0407	0.9552	0.9622	0.9917	0.8551	0.9152
11.0	0.9971	0.9973	0.0614	0.9436	0.9482	0.9885	0.8103	0.9073
11.1	0.9975	0.9976	0.0700	0.9611	0.9595	0.9911	0.8614	0.9213
11.2	0.9978	0.9979	0.0436	0.9670	0.9693	0.9940	0.8991	0.9484
11.3	0.9978	0.9979	0.0564	0.9627	0.9755	0.9957	0.9291	0.9412
11.4	0.9966	0.9968	0.0854	0.9693	0.9724	0.9961	0.9141	0.9317
11.5	0.9971	0.9973	0.1157	0.9819	0.9751	0.9969	0.9320	0.9477
11.6	0.9973	0.9976	0.0890	0.9800	0.9740	0.9963	0.9499	0.9574
11.7	0.9972	0.9974	0.1147	0.9821	0.9738	0.9963	0.9552	0.9597
11.8	0.9961	0.9962	0.1737	0.9802	0.9705	0.9961	0.9545	0.9659
11.9	0.9933	0.9936	0.1261	0.9786	0.9553	0.9962	0.9463	0.9635
12.0	0.9945	0.9947	0.1311	0.9813	0.9643	0.9971	0.9556	0.9763
12.1	0.9933	0.9936	0.2864	0.9736	0.9681	0.9960	0.9630	0.9747
12.2	0.9928	0.9930	0.3201	0.9761	0.9697	0.9957	0.9652	0.9787
12.3	0.9915	0.9918	0.4350	0.9742	0.9757	0.9958	0.9600	0.9749
12.4	0.9849	0.9853	0.6324	0.9630	0.9666	0.9929	0.9522	0.9682
12.5	0.9825	0.9828	0.8110	0.9637	0.9607	0.9893	0.9592	0.9667
12.6	0.9831	0.9834	0.8352	0.9671	0.9641	0.9856	0.9672	0.9697
12.7	0.9782	0.9781	0.8591	0.9595	0.9568	0.9776	0.9585	0.9552
12.8	0.9736	0.9732	0.8350	0.9516	0.9398	0.9690	0.9538	0.9377
12.9	0.9679	0.9672	0.8689	0.9388	0.9387	0.9579	0.9543	0.9358
13.0	0.9711	0.9704	0.9222	0.9536	0.9528	0.9646	0.9642	0.9542
13.1	0.9402	0.9391	0.8680	0.9132	0.9146	0.9298	0.9446	0.9377
13.2	0.9274	0.9265	0.8922	0.9114	0.9131	0.9159	0.9283	0.9226
13.3	0.9151	0.9142	0.9009	0.9029	0.9135	0.9030	0.9174	0.9049
13.4	0.9057	0.9053	0.9188	0.9022	0.9276	0.8786	0.9137	0.8831
13.5	0.9628	0.9628	0.9697	0.9687	0.9751	0.9500	0.9569	0.9523
13.6	0.9673	0.9672	0.9803	0.9760	0.9820	0.9537	0.9612	0.9648
13.7	0.9774	0.9777	0.9912	0.9857	0.9909	0.9663	0.9721	0.9872
13.8	0.9855	0.9856	0.9931	0.9917	0.9938	0.9740	0.9752	0.9949
13.9	0.9846	0.9848	0.9931	0.9912	0.9930	0.9693	0.9777	0.9958
14.0	0.9833	0.9836	0.9907	0.9889	0.9915	0.9574	0.9820	0.9935
14.1	0.9826	0.9831	0.9828	0.9800	0.9844	0.9534	0.9727	0.9912
14.2	0.9896	0.9900	0.9857	0.9816	0.9859	0.9727	0.9760	0.9890
14.3	0.9907	0.9911	0.9785	0.9742	0.9793	0.9759	0.9784	0.9839
14.4	0.9868	0.9875	0.9474	0.9205	0.9489	0.9697	0.9680	0.9610
14.5	0.9902	0.9908	0.9371	0.8574	0.9307	0.9786	0.9689	0.9435
14.6	0.9911	0.9916	0.9237	0.6792	0.9128	0.9787	0.9647	0.9304
14.7	0.9916	0.9920	0.9195	0.2331	0.9029	0.9757	0.9574	0.9173
14.8	0.9930	0.9932	0.9463	0.2313	0.9281	0.9767	0.9537	0.9431
14.9	0.9924	0.9926	0.9626	0.7587	0.9452	0.9719	0.9499	0.9595
15.0	0.9931	0.9932	0.9819	0.9003	0.9739	0.9670	0.9519	0.9692
15.1	0.9906	0.9908	0.9808	0.8995	0.9639	0.9530	0.9341	0.9636
15.2	0.9906	0.9908	0.9809	0.9327	0.9561	0.9426	0.9373	0.9532
15.3	0.9908	0.9912	0.9870	0.9330	0.9656	0.9340	0.9318	0.9462
15.4	0.9893	0.9897	0.9882	0.9187	0.9719	0.8998	0.9380	0.9515
15.5	0.9932	0.9934	0.9875	0.9306	0.9701	0.9040	0.9291	0.9491
15.6	0.9927	0.9931	0.9873	0.9262	0.9669	0.8806	0.9121	0.9410
15.7	0.9882	0.9887	0.9840	0.8819	0.9519	0.8446	0.8422	0.9203
15.8	0.9815	0.9824	0.9740	0.8185	0.9157	0.7734	0.8147	0.8469
15.9	0.9857	0.9867	0.9695	0.8274	0.8825	0.7976	0.7829	0.7763
16.0	0.9822	0.9834	0.9741	0.8462	0.8527	0.8368	0.7403	0.7116
16.1	0.9844	0.9855	0.9776	0.8293	0.8442	0.8656	0.6993	0.7367
16.2	0.9838	0.9850	0.9722	0.8185	0.8637	0.8655	0.6207	0.7812
16.3	0.9832	0.9844	0.9684	0.8131	0.8823	0.8673	0.5910	0.8134
16.4	0.9730	0.9757	0.9642	0.6899	0.8870	0.8426	0.4398	0.7764
16.5	0.9737	0.9765	0.9655	0.6507	0.9127	0.8224	0.2749	0.8131

16.6	0.9719	0.9750	0.9636	0.7168	0.9494	0.8112	0.2713	0.8680
16.7	0.9554	0.9607	0.9605	0.6046	0.9379	0.6950	0.0801	0.8566
16.8	0.9360	0.9439	0.9642	0.3894	0.9247	0.6068	0.1077	0.8658
16.9	0.9276	0.9363	0.9704	0.5163	0.9300	0.6799	0.2512	0.8837
17.0	0.9188	0.9293	0.9667	0.5713	0.9253	0.5857	0.3426	0.8695
17.1	0.9076	0.9208	0.9531	0.5218	0.9315	0.4826	0.3137	0.8715
17.2	0.8776	0.8953	0.9565	0.4636	0.9368	0.4047	0.2904	0.8630
17.3	0.8233	0.8520	0.9553	0.3420	0.9091	0.2833	0.1728	0.8809
17.4	0.8382	0.8680	0.9475	0.3929	0.9225	0.2147	0.1555	0.8631
17.5	0.7972	0.8374	0.9589	0.4670	0.9217	0.1457	0.2725	0.9043
17.6	0.5941	0.6707	0.9463	0.4574	0.9153	0.0892	0.3070	0.8898
17.7	0.4671	0.5539	0.9300	0.4198	0.8799	0.1941	0.2545	0.8743
17.8	0.4690	0.5617	0.9450	0.4424	0.8846	0.1253	0.1745	0.8744
17.9	0.3650	0.4552	0.9406	0.4365	0.8559	0.2731	0.2764	0.8520
18.0	0.2928	0.3518	0.9326	0.4582	0.8672	0.3962	0.3828	0.8678
18.1	0.1981	0.2394	0.9250	0.4994	0.8717	0.5030	0.3855	0.8782
18.2	0.1342	0.1206	0.9178	0.6113	0.8755	0.5722	0.4902	0.8617
18.3	0.1447	0.0971	0.9222	0.6314	0.8774	0.6271	0.5631	0.8795
18.4	0.1275	0.0995	0.9049	0.5837	0.8387	0.5566	0.4767	0.8425
18.5	0.3657	0.3326	0.8849	0.5544	0.8414	0.5985	0.1698	0.8295
18.6	0.4237	0.3707	0.8917	0.5495	0.8711	0.6819	0.1796	0.8230
18.7	0.3735	0.3221	0.8747	0.4833	0.8127	0.6516	0.3858	0.7583
18.8	0.3400	0.2948	0.8388	0.5765	0.7919	0.6139	0.5839	0.7462
18.9	0.3982	0.3582	0.8360	0.6025	0.7834	0.6423	0.6411	0.7599
19.0	0.4923	0.4627	0.8145	0.5959	0.7297	0.6596	0.6026	0.7413
19.1	0.4722	0.4434	0.7827	0.5879	0.6825	0.6212	0.6132	0.6910
19.2	0.3509	0.3280	0.6586	0.4822	0.5630	0.4785	0.5540	0.5673
19.3	0.4627	0.4439	0.6987	0.5549	0.6389	0.5725	0.6120	0.6311
19.4	0.4628	0.4478	0.6416	0.5133	0.5930	0.5498	0.5481	0.5813
19.5	0.5644	0.5569	0.6412	0.5716	0.6185	0.5991	0.5879	0.6200
19.6	0.5595	0.5522	0.6362	0.5556	0.6028	0.5871	0.5522	0.5987
19.7	0.4803	0.4775	0.5071	0.4431	0.4833	0.4704	0.4219	0.4815
19.8	0.5399	0.5403	0.5007	0.4679	0.5005	0.4984	0.4126	0.5106
19.9	0.5892	0.5888	0.5508	0.5433	0.5672	0.5664	0.4806	0.5679
20.0	0.6322	0.6340	0.5574	0.6148	0.6025	0.5869	0.5714	0.5658
20.1	0.6944	0.6975	0.6040	0.6559	0.6245	0.6459	0.6028	0.6344
20.2	0.7422	0.7452	0.6614	0.6792	0.6656	0.7040	0.6265	0.6839
20.3	0.7164	0.7207	0.6212	0.6351	0.6176	0.6698	0.6125	0.6366
20.4	0.7780	0.7824	0.6628	0.7046	0.6817	0.7407	0.6707	0.6981
20.5	0.8213	0.8258	0.7035	0.7354	0.7087	0.7836	0.7009	0.7455
20.6	0.8505	0.8552	0.7187	0.7660	0.7319	0.8015	0.7153	0.7680
20.7	0.8552	0.8608	0.6797	0.7729	0.7246	0.7982	0.6796	0.7537
20.8	0.9128	0.9167	0.7900	0.8398	0.8099	0.8728	0.7454	0.8348
20.9	0.9338	0.9371	0.8167	0.8604	0.8488	0.9007	0.7588	0.8729
21.0	0.9042	0.9096	0.7164	0.7838	0.7646	0.8419	0.6268	0.7934
21.1	0.9052	0.9110	0.7171	0.7406	0.7127	0.8213	0.5415	0.7607
21.2	0.9107	0.9165	0.7021	0.7100	0.7122	0.8247	0.4400	0.7513
21.3	0.9193	0.9248	0.7202	0.7379	0.7775	0.8480	0.4806	0.7982
21.4	0.9295	0.9345	0.7302	0.7938	0.7502	0.8533	0.5690	0.7846
21.5	0.9544	0.9578	0.7610	0.8080	0.7921	0.8946	0.5889	0.8456
21.6	0.9507	0.9546	0.7143	0.7535	0.7622	0.8574	0.5466	0.7800
21.7	0.9581	0.9610	0.7846	0.7545	0.7681	0.8729	0.5419	0.7926
21.8	0.9578	0.9611	0.7518	0.7408	0.7409	0.8483	0.5263	0.7588
21.9	0.9579	0.9614	0.7133	0.7561	0.6917	0.8151	0.6073	0.6995
22.0	0.9664	0.9692	0.7434	0.7081	0.6922	0.7814	0.5148	0.6429
22.1	0.9542	0.9587	0.5909	0.5625	0.6125	0.6969	0.3241	0.5578
22.2	0.9648	0.9683	0.6732	0.7454	0.6607	0.7270	0.5705	0.5800
22.3	0.9749	0.9773	0.7392	0.7871	0.7250	0.7310	0.6276	0.5826
22.4	0.9737	0.9762	0.7611	0.7092	0.6577	0.7095	0.4992	0.5606
22.5	0.9764	0.9787	0.7351	0.6831	0.6038	0.7272	0.5230	0.5595
22.6	0.9741	0.9767	0.6285	0.6604	0.6147	0.7088	0.4979	0.5381
22.7	0.9744	0.9773	0.6697	0.5977	0.5135	0.5914	0.4723	0.3629
22.8	0.9704	0.9740	0.6498	0.6516	0.5896	0.5970	0.5735	0.2328
22.9	0.9677	0.9715	0.6055	0.6685	0.6861	0.6142	0.5529	0.1089
23.0	0.9660	0.9693	0.5752	0.6807	0.5961	0.5844	0.5798	0.0693
23.1	0.9735	0.9762	0.5594	0.6878	0.6188	0.6444	0.5115	0.2119
23.2	0.9705	0.9729	0.5986	0.6565	0.6537	0.6041	0.4759	0.2328
23.3	0.9669	0.9696	0.5433	0.6087	0.6008	0.4209	0.4345	0.2118
23.4	0.9784	0.9801	0.5146	0.5535	0.6517	0.5266	0.5325	0.3764
23.5	0.9793	0.9814	0.5049	0.6160	0.5488	0.5750	0.5758	0.3751
23.6	0.9634	0.9674	0.3415	0.5943	0.4671	0.4288	0.4311	0.3795
23.7	0.9645	0.9690	0.2739	0.5968	0.5143	0.4070	0.4259	0.4565
23.8	0.9656	0.9697	0.3054	0.5344	0.4030	0.3337	0.3389	0.3988
23.9	0.9761	0.9789	0.5318	0.5833	0.4102	0.2970	0.4025	0.4355
24.0	0.9692	0.9729	0.4126	0.5522	0.4384	0.2449	0.5025	0.4486
24.1	0.9694	0.9733	0.3347	0.3897	0.4079	0.2366	0.3278	0.5287
24.2	0.9703	0.9746	0.2594	0.4807	0.3685	0.2114	0.3787	0.5876
24.3	0.9722	0.9757	0.3064	0.6168	0.3602	0.1135	0.4877	0.4876
24.4	0.9705	0.9751	0.3313	0.6222	0.2700	0.0599	0.5293	0.4826
24.5	0.9724	0.9774	0.2805	0.5860	0.3471	0.0389	0.5227	0.4870
24.6	0.9750	0.9795	0.2769	0.5504	0.4260	0.0703	0.4344	0.4687
24.7	0.9793	0.9827	0.2645	0.5372	0.3816	0.0399	0.4418	0.4651
24.8	0.9815	0.9850	0.2173	0.6161	0.3626	0.1292	0.5326	0.5432
24.9	0.9760	0.9810	0.3232	0.5467	0.3011	0.1539	0.3761	0.4182
25.0	0.9698	0.9753	0.3826	0.5511	0.2113	0.4091	0.2432	0.2401
25.1	0.9631	0.9691	0.2611	0.5550	0.1181	0.3698	0.2595	0.2163

25.2	0.9665	0.9727	0.2532	0.5050	0.0955	0.3708	0.3208	0.2698
25.3	0.9680	0.9742	0.2727	0.4895	0.0759	0.3993	0.3305	0.3606
25.4	0.9692	0.9751	0.2470	0.5052	0.0977	0.4158	0.3196	0.1996
25.5	0.9534	0.9632	0.2230	0.4766	0.1609	0.5523	0.2006	0.1534
25.6	0.9566	0.9659	0.1757	0.4689	0.1211	0.5905	0.2086	0.2460
25.7	0.9497	0.9603	0.0737	0.4261	0.1067	0.4846	0.2085	0.3504
25.8	0.9608	0.9692	0.2334	0.4264	0.1997	0.6190	0.2693	0.4171
25.9	0.9691	0.9762	0.2254	0.3263	0.2117	0.7131	0.1994	0.5458
26.0	0.9639	0.9722	0.1026	0.3420	0.2549	0.7277	0.2327	0.5323
26.1	0.9671	0.9740	0.0439	0.4872	0.1556	0.7300	0.2916	0.3910
26.2	0.9723	0.9784	0.0397	0.4268	0.1284	0.7114	0.3273	0.2961
26.3	0.9591	0.9690	0.0643	0.3008	0.1222	0.6899	0.2407	0.3903
26.4	0.9591	0.9689	0.1485	0.2972	0.1207	0.7859	0.2254	0.4191
26.5	0.9587	0.9688	0.2302	0.2358	0.1935	0.7985	0.1864	0.5059
26.6	0.9624	0.9727	0.1464	0.1504	0.2917	0.8136	0.1712	0.6714
26.7	0.9632	0.9728	0.1606	0.1836	0.1785	0.8014	0.1649	0.6025
26.8	0.9697	0.9778	0.3051	0.2227	0.1198	0.8499	0.2341	0.4327
26.9	0.9453	0.9615	0.1538	0.0989	0.2596	0.8617	0.0255	0.3959
27.0	0.9487	0.9646	0.0926	0.0294	0.2261	0.8759	0.0552	0.5146
27.1	0.9431	0.9584	0.1186	0.0596	0.0682	0.8495	0.0173	0.5202
27.2	0.9378	0.9538	0.1340	0.0435	0.0498	0.7863	0.0199	0.6813
27.3	0.9529	0.9632	0.1348	0.1158	0.1367	0.8032	0.0763	0.7487
27.4	0.9540	0.9636	0.1921	0.1307	0.0349	0.7621	0.1324	0.6692
27.5	0.9403	0.9517	0.1224	0.0909	0.1264	0.7469	0.1137	0.6158
27.6	0.9264	0.9416	0.1154	0.0167	0.2269	0.7413	0.0384	0.6173
27.7	0.9222	0.9384	0.2570	0.0233	0.2071	0.6688	0.0137	0.6125
27.8	0.9383	0.9455	0.1280	0.0920	0.1027	0.6448	0.0596	0.5815
27.9	0.9355	0.9434	0.0500	0.0688	0.1964	0.7196	0.0447	0.4533
28.0	0.9493	0.9557	0.1329	0.0273	0.2160	0.8091	0.1461	0.4183
28.1	0.9723	0.9755	0.2493	0.1714	0.3412	0.8750	0.3148	0.4348
28.2	0.9779	0.9806	0.2157	0.1886	0.5007	0.9229	0.4317	0.5312
28.3	0.9775	0.9804	0.1396	0.2000	0.4532	0.9359	0.2972	0.5171
28.4	0.9573	0.9644	0.0388	0.0520	0.3196	0.9006	0.0385	0.2508
28.5	0.9615	0.9636	0.0036	0.0966	0.3483	0.8955	0.0612	0.2455
28.6	0.9728	0.9744	0.0157	0.0671	0.4218	0.9311	0.0988	0.2861
28.7	0.9639	0.9675	0.0383	0.0115	0.3076	0.9304	0.0220	0.0980
28.8	0.9591	0.9640	0.1363	0.0203	0.2655	0.9224	0.0169	0.2277
28.9	0.9658	0.9728	0.1572	0.0319	0.3252	0.9506	0.0862	0.3917
29.0	0.9663	0.9719	0.0843	0.0218	0.4367	0.9459	0.1327	0.3463
29.1	0.9598	0.9707	0.1752	0.0244	0.2689	0.9514	0.0927	0.1886
29.2	0.9420	0.9566	0.1368	0.0375	0.1051	0.9329	0.0216	0.2112
29.3	0.9598	0.9694	0.1299	0.0668	0.2414	0.9491	0.0781	0.2644
29.4	0.9672	0.9720	0.0792	0.0594	0.2569	0.9504	0.0850	0.1163
29.5	0.9741	0.9783	0.0884	0.1112	0.3746	0.9549	0.0691	0.1371
29.6	0.9753	0.9795	0.0912	0.0973	0.4031	0.9631	0.1619	0.2794
29.7	0.9657	0.9706	0.0133	0.0554	0.2765	0.9574	0.0758	0.1656
29.8	0.9659	0.9761	0.0421	0.0847	0.2938	0.9667	0.1162	0.1598
29.9	0.9708	0.9789	0.1110	0.1178	0.1167	0.9671	0.0800	0.1318
30.0	0.9710	0.9800	0.1292	0.1151	0.1037	0.9631	0.0257	0.1128
30.1	0.9761	0.9834	0.0505	0.1795	0.3008	0.9690	0.0659	0.2379
30.2	0.9754	0.9803	0.0753	0.1683	0.2376	0.9656	0.0615	0.1958
30.3	0.9560	0.9639	0.1320	0.1372	0.1919	0.9562	0.0307	0.1763
30.4	0.9535	0.9639	0.0861	0.2743	0.3520	0.9517	0.0870	0.2210
30.5	0.9714	0.9784	0.0503	0.3170	0.2516	0.9504	0.0686	0.1469
30.6	0.9692	0.9741	0.0406	0.4052	0.2309	0.9473	0.0784	0.1033
30.7	0.9577	0.9664	0.0818	0.4978	0.3103	0.9207	0.0971	0.1991
30.8	0.9556	0.9678	0.1316	0.5689	0.4243	0.9307	0.1924	0.3021
30.9	0.9466	0.9620	0.1096	0.5561	0.2853	0.9000	0.1219	0.2165
31.0	0.9541	0.9610	0.0861	0.4969	0.4492	0.9095	0.2087	0.2895
31.1	0.9421	0.9481	0.2364	0.5408	0.4360	0.9038	0.3093	0.2456
31.2	0.9393	0.9476	0.1653	0.6500	0.4704	0.9062	0.3453	0.2280
31.3	0.9362	0.9477	0.0555	0.6858	0.5783	0.9021	0.4751	0.2074
31.4	0.9315	0.9479	0.0246	0.6607	0.5153	0.9182	0.4657	0.1153
31.5	0.9364	0.9472	0.0965	0.7669	0.5359	0.9227	0.5959	0.1346
31.6	0.9231	0.9278	0.1005	0.8147	0.5028	0.9279	0.5994	0.0905
31.7	0.9081	0.9029	0.0601	0.8250	0.4543	0.9523	0.5699	0.0238
31.8	0.9247	0.8968	0.1185	0.8057	0.4715	0.9674	0.6448	0.0679
31.9	0.9220	0.8800	0.1761	0.8351	0.4796	0.9528	0.7067	0.1342
32.0	0.9115	0.8376	0.1334	0.7867	0.3201	0.9518	0.6755	0.2332
32.1	0.9297	0.8412	0.0782	0.8137	0.4141	0.9673	0.7876	0.3120
32.2	0.9362	0.8343	0.1379	0.8857	0.6041	0.9627	0.8022	0.4166
32.3	0.9170	0.7735	0.1932	0.8628	0.6152	0.9602	0.8183	0.4436
32.4	0.9046	0.7590	0.0401	0.8156	0.6329	0.9570	0.7893	0.4090
32.5	0.8998	0.7388	0.0014	0.7977	0.6318	0.9603	0.7717	0.3508
32.6	0.9070	0.7389	0.0063	0.7939	0.6409	0.9722	0.8173	0.3464
32.7	0.9128	0.6404	0.0460	0.7874	0.5935	0.9544	0.8128	0.4035
32.8	0.9002	0.6130	0.0599	0.6888	0.5908	0.9634	0.7441	0.4893
32.9	0.8638	0.5351	0.1061	0.6803	0.3434	0.9597	0.5955	0.5181
33.0	0.7924	0.4529	0.0188	0.7078	0.4163	0.9387	0.2709	0.4910
33.1	0.7896	0.4081	0.0470	0.7757	0.5277	0.9416	0.1380	0.6251
33.2	0.7922	0.4060	0.0204	0.7804	0.6085	0.9511	0.0384	0.7105
33.3	0.8013	0.2710	0.0447	0.8210	0.7461	0.9568	0.0423	0.7466
33.4	0.7244	0.1321	0.0653	0.7442	0.7244	0.9605	0.0274	0.7158
33.5	0.6960	0.2198	0.0065	0.7468	0.7250	0.9608	0.1695	0.7318
33.6	0.7357	0.2254	0.0009	0.8020	0.7416	0.9553	0.3083	0.7453
33.7	0.7843	0.2286	0.0155	0.8310	0.7441	0.9620	0.4688	0.8183

33.8	0.7909	0.2121	0.0202	0.8483	0.7874	0.9664	0.6525	0.8206
33.9	0.7979	0.1451	0.0436	0.8661	0.7545	0.9623	0.7335	0.7857
34.0	0.8836	0.2036	0.0122	0.9320	0.8350	0.9657	0.8568	0.8775
34.1	0.8574	0.1172	0.0024	0.9249	0.8406	0.9594	0.8594	0.8737
34.2	0.8305	0.0128	0.0024	0.9007	0.8403	0.9494	0.7857	0.8077
34.3	0.8639	0.0559	0.0008	0.9193	0.8787	0.9526	0.8208	0.8277
34.4	0.8921	0.1419	0.0227	0.9340	0.8672	0.9569	0.8257	0.8370
34.5	0.8738	0.1182	0.0117	0.9081	0.8149	0.9614	0.7811	0.7901
34.6	0.9084	0.2695	0.0146	0.9127	0.8627	0.9669	0.7898	0.7811
34.7	0.9251	0.3908	0.0456	0.9162	0.8522	0.9714	0.7776	0.8130
34.8	0.9350	0.4224	0.0410	0.9203	0.8483	0.9676	0.8020	0.8072
34.9	0.9425	0.5434	0.0661	0.9474	0.8962	0.9747	0.8594	0.8371
35.0	0.9285	0.5705	0.0721	0.9353	0.8837	0.9773	0.8572	0.8029
35.1	0.9357	0.5946	0.0160	0.9349	0.8532	0.9745	0.8483	0.7736
35.2	0.9526	0.7556	0.0340	0.9571	0.9011	0.9826	0.8687	0.8014
35.3	0.9662	0.7838	0.0056	0.9570	0.8860	0.9817	0.8569	0.8221
35.4	0.9585	0.7695	0.0594	0.9478	0.8910	0.9797	0.8661	0.8337
35.5	0.9638	0.8250	0.0672	0.9600	0.8893	0.9841	0.8952	0.8159
35.6	0.9592	0.7859	0.0020	0.9401	0.8380	0.9730	0.8516	0.7601
35.7	0.9578	0.7967	0.0049	0.9446	0.7626	0.9737	0.8409	0.7191
35.8	0.9604	0.8247	0.0559	0.9383	0.7050	0.9788	0.8169	0.6565
35.9	0.9700	0.8764	0.2102	0.9471	0.7592	0.9821	0.8690	0.7803
36.0	0.9680	0.8800	0.0815	0.9298	0.7255	0.9773	0.8533	0.7909
36.1	0.9653	0.8518	0.0177	0.9054	0.7063	0.9723	0.8237	0.7811
36.2	0.9663	0.8634	0.0362	0.9183	0.8068	0.9767	0.8724	0.8647
36.3	0.9752	0.8815	0.0031	0.9247	0.8114	0.9809	0.8809	0.8380
36.4	0.9815	0.8820	0.0013	0.9062	0.7685	0.9777	0.8851	0.8067
36.5	0.9856	0.9270	0.0362	0.9200	0.8261	0.9856	0.9239	0.8788
36.6	0.9843	0.9351	0.1004	0.8921	0.8347	0.9843	0.9089	0.8947
36.7	0.9849	0.9339	0.1483	0.8623	0.8205	0.9818	0.8971	0.8764
36.8	0.9834	0.9303	0.1361	0.8284	0.7387	0.9753	0.8794	0.8382
36.9	0.9864	0.9228	0.0491	0.7824	0.7116	0.9694	0.8441	0.8207
37.0	0.9847	0.9192	0.0062	0.6081	0.6285	0.9624	0.7894	0.7459
37.1	0.9862	0.9171	0.0243	0.6194	0.6796	0.9626	0.7536	0.7908
37.2	0.9858	0.9372	0.0658	0.7421	0.6589	0.9561	0.6476	0.7949
37.3	0.9884	0.9434	0.0374	0.7958	0.5729	0.9568	0.5231	0.7866
37.4	0.9786	0.8978	0.0018	0.6632	0.3757	0.9362	0.1403	0.6933
37.5	0.9844	0.9307	0.0050	0.7932	0.4344	0.9492	0.0918	0.8029
37.6	0.9889	0.9534	0.0185	0.8224	0.5676	0.9599	0.3958	0.8844
37.7	0.9876	0.9435	0.0019	0.7877	0.4652	0.9525	0.4230	0.8242
37.8	0.9893	0.9536	0.0064	0.8118	0.4040	0.9567	0.5020	0.7841
37.9	0.9896	0.9547	0.0368	0.7915	0.2896	0.9504	0.5029	0.7776
38.0	0.9869	0.9387	0.0375	0.7487	0.3634	0.9342	0.5175	0.8150
38.1	0.9838	0.9242	0.0245	0.6262	0.4095	0.9333	0.3699	0.8152
38.2	0.9853	0.9447	0.0738	0.7532	0.3057	0.9360	0.1804	0.7597
38.3	0.9880	0.9522	0.0318	0.7492	0.4345	0.9239	0.2993	0.7507
38.4	0.9876	0.9491	0.0052	0.7222	0.4884	0.9145	0.4142	0.7477
38.5	0.9858	0.9319	0.0129	0.6151	0.5250	0.9116	0.3474	0.6472
38.6	0.9869	0.9440	0.0621	0.6503	0.5465	0.9273	0.4238	0.7017
38.7	0.9900	0.9585	0.0663	0.6626	0.6696	0.9483	0.6176	0.7580
38.8	0.9873	0.9420	0.0791	0.5565	0.7132	0.9463	0.5340	0.7143
38.9	0.9839	0.9262	0.0306	0.3589	0.7483	0.9289	0.4707	0.7163
39.0	0.9853	0.9315	0.0006	0.3861	0.7749	0.9346	0.5815	0.6495
39.1	0.9857	0.9439	0.0059	0.3938	0.7088	0.9383	0.5197	0.5974
39.2	0.9824	0.9286	0.0616	0.3391	0.7399	0.9448	0.2696	0.6035
39.3	0.9821	0.9347	0.0028	0.3002	0.8077	0.9604	0.3673	0.7067
39.4	0.9778	0.9146	0.0017	0.2347	0.7470	0.9523	0.2872	0.6649
39.5	0.9720	0.8996	0.0111	0.2443	0.6893	0.9447	0.1957	0.5257
39.6	0.9749	0.9071	0.0071	0.2342	0.7154	0.9600	0.1986	0.5258
39.7	0.9813	0.9351	0.0063	0.2978	0.6631	0.9532	0.1725	0.4423
39.8	0.9881	0.9585	0.0327	0.3359	0.6721	0.9611	0.2632	0.5031
39.9	0.9891	0.9629	0.0236	0.3259	0.6934	0.9724	0.2812	0.5205
40.0	0.9866	0.9556	0.0418	0.4550	0.6050	0.9735	0.1855	0.5302
40.1	0.9882	0.9630	0.1177	0.5015	0.6626	0.9752	0.0802	0.6012
40.2	0.9873	0.9608	0.0228	0.4160	0.5710	0.9638	0.1826	0.5056
40.3	0.9894	0.9709	0.0569	0.4903	0.6489	0.9724	0.1747	0.5941
40.4	0.9910	0.9709	0.0379	0.4552	0.6857	0.9749	0.0876	0.6024
40.5	0.9915	0.9717	0.0090	0.3973	0.6365	0.9792	0.0650	0.4978
40.6	0.9900	0.9724	0.0074	0.4743	0.5726	0.9769	0.1169	0.4632
40.7	0.9903	0.9726	0.0481	0.4566	0.5226	0.9756	0.2105	0.4460
40.8	0.9917	0.9780	0.0893	0.4118	0.6652	0.9817	0.2336	0.4794
40.9	0.9930	0.9819	0.0694	0.4245	0.6632	0.9829	0.2891	0.5838
41.0	0.9933	0.9821	0.0604	0.3085	0.5776	0.9821	0.3484	0.5460
41.1	0.9911	0.9797	0.0499	0.2784	0.4268	0.9798	0.2860	0.3885
41.2	0.9926	0.9828	0.0347	0.2042	0.5370	0.9845	0.4283	0.4840
41.3	0.9954	0.9890	0.0516	0.3035	0.5400	0.9822	0.3839	0.4581
41.4	0.9960	0.9901	0.1168	0.4242	0.5475	0.9864	0.4075	0.5174
41.5	0.9955	0.9886	0.2796	0.5009	0.6246	0.9851	0.3354	0.4827
41.6	0.9962	0.9910	0.1895	0.3647	0.5385	0.9844	0.3640	0.3824
41.7	0.9951	0.9907	0.1117	0.3377	0.4775	0.9844	0.3667	0.4147
41.8	0.9961	0.9928	0.1183	0.3289	0.5562	0.9834	0.4697	0.5034
41.9	0.9965	0.9928	0.1927	0.4059	0.5456	0.9846	0.4807	0.3918
42.0	0.9957	0.9908	0.1394	0.4542	0.4360	0.9805	0.4099	0.3079
42.1	0.9962	0.9907	0.1439	0.4916	0.3891	0.9827	0.4984	0.3152
42.2	0.9943	0.9891	0.0839	0.2977	0.4027	0.9782	0.4675	0.2997
42.3	0.9962	0.9921	0.0546	0.5133	0.2231	0.9793	0.3991	0.1074

42.4	0.9963	0.9919	0.1894	0.5527	0.2129	0.9850	0.4021	0.1135
42.5	0.9964	0.9922	0.3117	0.5877	0.1854	0.9888	0.4861	0.1324
42.6	0.9970	0.9941	0.3236	0.6376	0.0460	0.9854	0.4585	0.1955
42.7	0.9968	0.9939	0.1535	0.6802	0.0198	0.9819	0.4319	0.2933
42.8	0.9968	0.9947	0.0905	0.7200	0.0878	0.9845	0.5178	0.4347
42.9	0.9965	0.9941	0.1172	0.6799	0.0714	0.9857	0.5774	0.3630
43.0	0.9975	0.9956	0.2524	0.7844	0.0559	0.9861	0.5632	0.2076
43.1	0.9976	0.9961	0.2779	0.8468	0.0051	0.9860	0.5244	0.1813
43.2	0.9976	0.9961	0.3224	0.8439	0.0940	0.9878	0.5453	0.1988
43.3	0.9976	0.9955	0.2765	0.8080	0.1930	0.9905	0.4028	0.2857
43.4	0.9982	0.9971	0.1844	0.8226	0.1945	0.9912	0.3441	0.1968
43.5	0.9974	0.9960	0.1105	0.8143	0.0822	0.9882	0.3374	0.2322
43.6	0.9981	0.9966	0.1218	0.8377	0.0884	0.9901	0.3390	0.2246
43.7	0.9982	0.9965	0.1810	0.7465	0.1490	0.9859	0.1467	0.2078
43.8	0.9978	0.9963	0.2217	0.7849	0.1638	0.9833	0.1420	0.4380
43.9	0.9974	0.9957	0.1866	0.8182	0.2207	0.9867	0.1172	0.5227
44.0	0.9978	0.9965	0.1523	0.8579	0.1884	0.9900	0.2017	0.4982
44.1	0.9984	0.9976	0.1211	0.8583	0.1427	0.9922	0.2861	0.5563
44.2	0.9977	0.9969	0.0503	0.8473	0.2198	0.9884	0.2930	0.2981
44.3	0.9966	0.9952	0.0591	0.8343	0.0830	0.9824	0.0727	0.1138
44.4	0.9971	0.9958	0.0719	0.8175	0.0092	0.9825	0.2943	0.0559
44.5	0.9984	0.9976	0.1460	0.8516	0.1123	0.9900	0.4638	0.1012
44.6	0.9975	0.9964	0.1859	0.8625	0.0572	0.9862	0.4204	0.3599
44.7	0.9978	0.9967	0.0775	0.8716	0.1609	0.9852	0.4603	0.1528
44.8	0.9979	0.9968	0.0321	0.8745	0.1388	0.9862	0.4532	0.2667
44.9	0.9977	0.9965	0.0296	0.8659	0.0888	0.9852	0.4082	0.2671
45.0	0.9976	0.9964	0.0369	0.8443	0.2132	0.9880	0.3986	0.3299
45.1	0.9974	0.9960	0.0714	0.8541	0.2920	0.9869	0.4661	0.3357
45.2	0.9979	0.9968	0.0872	0.8941	0.3133	0.9878	0.6108	0.0885
45.3	0.9971	0.9958	0.0295	0.8656	0.2975	0.9904	0.5773	0.1614
45.4	0.9973	0.9959	0.0299	0.8353	0.3832	0.9922	0.5495	0.0821
45.5	0.9975	0.9960	0.0209	0.8387	0.2907	0.9915	0.4385	0.0712
45.6	0.9979	0.9965	0.0572	0.8941	0.1256	0.9920	0.2873	0.4163
45.7	0.9971	0.9958	0.0415	0.8834	0.1921	0.9861	0.4853	0.5269
45.8	0.9957	0.9938	0.0779	0.8736	0.2018	0.9866	0.5061	0.2634
45.9	0.9970	0.9954	0.0463	0.8940	0.2717	0.9868	0.5431	0.1878
46.0	0.9970	0.9957	0.0736	0.8999	0.2614	0.9899	0.5704	0.2716
46.1	0.9961	0.9947	0.1071	0.9058	0.1442	0.9920	0.5426	0.4295
46.2	0.9946	0.9924	0.0706	0.8790	0.1801	0.9884	0.6039	0.2330
46.3	0.9960	0.9942	0.0952	0.9174	0.2869	0.9893	0.7778	0.1221
46.4	0.9950	0.9930	0.0756	0.9203	0.2590	0.9871	0.8022	0.3194
46.5	0.9926	0.9896	0.0723	0.8736	0.2089	0.9831	0.7906	0.2116
46.6	0.9926	0.9899	0.0826	0.8596	0.1707	0.9838	0.8010	0.2121
46.7	0.9942	0.9920	0.0582	0.8554	0.1852	0.9876	0.7805	0.4274
46.8	0.9960	0.9946	0.0084	0.8676	0.3796	0.9900	0.8230	0.5176
46.9	0.9962	0.9950	0.0258	0.8588	0.4547	0.9864	0.8257	0.5086
47.0	0.9954	0.9937	0.0268	0.8670	0.2155	0.9849	0.7243	0.1676
47.1	0.9963	0.9949	0.0170	0.8594	0.1704	0.9827	0.7985	0.4134
47.2	0.9963	0.9950	0.0282	0.7911	0.1955	0.9780	0.7848	0.5096
47.3	0.9961	0.9948	0.0154	0.7387	0.2317	0.9799	0.8061	0.5853
47.4	0.9966	0.9954	0.0133	0.6573	0.2229	0.9842	0.7851	0.6345
47.5	0.9969	0.9959	0.0297	0.6850	0.2601	0.9896	0.7803	0.6709
47.6	0.9965	0.9956	0.0135	0.7454	0.3395	0.9880	0.8329	0.6400
47.7	0.9969	0.9959	0.0016	0.6885	0.4528	0.9876	0.8401	0.4348
47.8	0.9975	0.9965	0.0551	0.4936	0.4814	0.9883	0.8081	0.2362
47.9	0.9970	0.9962	0.1707	0.4817	0.4366	0.9833	0.7553	0.0728
48.0	0.9970	0.9960	0.0962	0.6206	0.2937	0.9832	0.7194	0.1153
48.1	0.9969	0.9958	0.1393	0.4908	0.2147	0.9818	0.7189	0.2790
48.2	0.9975	0.9966	0.1714	0.5564	0.3213	0.9871	0.6981	0.0587
48.3	0.9981	0.9975	0.0948	0.5809	0.3839	0.9899	0.7675	0.1689
48.4	0.9975	0.9967	0.0934	0.1742	0.3497	0.9841	0.7284	0.2103
48.5	0.9972	0.9964	0.1526	0.1312	0.3473	0.9783	0.5116	0.0286
48.6	0.9974	0.9967	0.1266	0.3100	0.3057	0.9829	0.4188	0.0289
48.7	0.9971	0.9963	0.0629	0.2953	0.1486	0.9802	0.5193	0.1655
48.8	0.9978	0.9971	0.0225	0.1701	0.1659	0.9854	0.7035	0.1718
48.9	0.9982	0.9977	0.1191	0.1337	0.3715	0.9825	0.6951	0.1628
49.0	0.9973	0.9967	0.2164	0.2361	0.5655	0.9804	0.5327	0.2831
49.1	0.9981	0.9977	0.2971	0.3892	0.6203	0.9885	0.5197	0.2983
49.2	0.9976	0.9971	0.1616	0.4648	0.5081	0.9832	0.4260	0.0996
49.3	0.9981	0.9976	0.1574	0.3987	0.4950	0.9863	0.4126	0.1606
49.4	0.9979	0.9974	0.2803	0.2205	0.5204	0.9831	0.4532	0.3866
49.5	0.9984	0.9980	0.3433	0.3830	0.6107	0.9798	0.2814	0.5149
49.6	0.9984	0.9980	0.2026	0.4955	0.5888	0.9833	0.3097	0.3867
49.7	0.9981	0.9977	0.1867	0.4977	0.5491	0.9831	0.2922	0.1670
49.8	0.9984	0.9981	0.2550	0.6063	0.5848	0.9837	0.1699	0.4792
49.9	0.9983	0.9980	0.3152	0.5688	0.6220	0.9733	0.0042	0.6205
50.0	0.9979	0.9975	0.2515	0.5541	0.5531	0.9504	0.0014	0.5648
50.1	0.9975	0.9972	0.2248	0.5070	0.4846	0.9626	0.0151	0.2917
50.2	0.9981	0.9978	0.2501	0.5784	0.5497	0.9677	0.0240	0.3598
50.3	0.9985	0.9983	0.4004	0.6861	0.5560	0.9620	0.1121	0.6440
50.4	0.9987	0.9984	0.4847	0.8033	0.6024	0.9523	0.0669	0.7790
50.5	0.9988	0.9986	0.4804	0.8379	0.6782	0.9625	0.0572	0.7439
50.6	0.9985	0.9984	0.5388	0.8340	0.6716	0.9603	0.0277	0.7576
50.7	0.9983	0.9981	0.4404	0.8118	0.5833	0.9565	0.0222	0.7177
50.8	0.9987	0.9983	0.6354	0.8734	0.7613	0.9707	0.2473	0.8035
50.9	0.9983	0.9980	0.5635	0.8568	0.7234	0.9582	0.2624	0.6788

51.0	0.9979	0.9976	0.5252	0.8413	0.6872	0.9407	0.3414	0.6286
51.1	0.9972	0.9969	0.5367	0.8362	0.6618	0.9364	0.4040	0.5688
51.2	0.9981	0.9978	0.5647	0.8801	0.6544	0.9458	0.4428	0.0202
51.3	0.9985	0.9982	0.6101	0.9231	0.6367	0.9438	0.3952	0.2570
51.4	0.9975	0.9973	0.5675	0.9169	0.6226	0.9466	0.2956	0.4022
51.5	0.9979	0.9977	0.5122	0.8958	0.5376	0.9349	0.2602	0.4383
51.6	0.9976	0.9974	0.6009	0.9126	0.6533	0.9309	0.3844	0.6021
51.7	0.9973	0.9971	0.6449	0.9202	0.6956	0.9557	0.4969	0.4917
51.8	0.9983	0.9981	0.6608	0.9354	0.6695	0.9722	0.5047	0.3070
51.9	0.9978	0.9976	0.6447	0.9231	0.6579	0.9408	0.4867	0.3356
52.0	0.9969	0.9967	0.6272	0.9233	0.6299	0.9227	0.4747	0.4327
52.1	0.9973	0.9971	0.7522	0.9336	0.7023	0.8969	0.6697	0.1147
52.2	0.9981	0.9979	0.7479	0.9500	0.6772	0.9263	0.6375	0.3179
52.3	0.9970	0.9969	0.5981	0.9412	0.5905	0.9422	0.4508	0.3989
52.4	0.9974	0.9972	0.6383	0.9476	0.6224	0.9351	0.4654	0.4294
52.5	0.9967	0.9965	0.6569	0.9444	0.6363	0.9350	0.5473	0.0421
52.6	0.9980	0.9977	0.8122	0.9528	0.7734	0.9598	0.7464	0.3636
52.7	0.9977	0.9976	0.7899	0.9579	0.7092	0.9141	0.6675	0.6229
52.8	0.9979	0.9978	0.7793	0.9694	0.6968	0.9253	0.6478	0.5417
52.9	0.9988	0.9987	0.7870	0.9766	0.7560	0.9499	0.7338	0.2050
53.0	0.9984	0.9981	0.7716	0.9738	0.7407	0.9636	0.7311	0.6769
53.1	0.9978	0.9975	0.7024	0.9564	0.6332	0.9439	0.6295	0.6919
53.2	0.9975	0.9973	0.7258	0.9578	0.6788	0.9468	0.6974	0.7503
53.3	0.9987	0.9985	0.7947	0.9561	0.7020	0.9591	0.7546	0.7047
53.4	0.9988	0.9986	0.8625	0.9687	0.7826	0.9633	0.8444	0.2499
53.5	0.9986	0.9984	0.8679	0.9752	0.8189	0.9622	0.8970	0.2715
53.6	0.9988	0.9987	0.8772	0.9802	0.8250	0.9570	0.9046	0.6754
53.7	0.9982	0.9981	0.8640	0.9849	0.7952	0.9673	0.8724	0.8288
53.8	0.9963	0.9963	0.8471	0.9813	0.8166	0.9649	0.8753	0.6664
53.9	0.9977	0.9975	0.8644	0.9801	0.8253	0.9827	0.8901	0.7652
54.0	0.9981	0.9980	0.8718	0.9858	0.8086	0.9840	0.8909	0.4637
54.1	0.9971	0.9972	0.8703	0.9823	0.7965	0.9626	0.8923	0.4670
54.2	0.9948	0.9950	0.8301	0.9815	0.7405	0.9373	0.8605	0.5524
54.3	0.9956	0.9957	0.8122	0.9817	0.7927	0.9573	0.8725	0.3909
54.4	0.9981	0.9980	0.7806	0.9853	0.7618	0.9846	0.8449	0.1749
54.5	0.9982	0.9982	0.7404	0.9841	0.7004	0.9800	0.8046	0.6444
54.6	0.9974	0.9975	0.5802	0.9859	0.6411	0.9711	0.7721	0.7677
54.7	0.9959	0.9961	0.4889	0.9836	0.5601	0.9467	0.7325	0.6884
54.8	0.9955	0.9956	0.5088	0.9813	0.6060	0.9472	0.7005	0.4503
54.9	0.9971	0.9971	0.5808	0.9843	0.6453	0.9665	0.7467	0.3954
55.0	0.9977	0.9976	0.4425	0.9821	0.6681	0.9797	0.7676	0.5536
55.1	0.9979	0.9976	0.1367	0.9835	0.5155	0.9859	0.6619	0.7024
55.2	0.9975	0.9972	0.0593	0.9816	0.3718	0.9796	0.5389	0.7968
55.3	0.9973	0.9970	0.0259	0.9764	0.4085	0.9746	0.5420	0.8499
55.4	0.9975	0.9974	0.0698	0.9771	0.4267	0.9625	0.6132	0.8610
55.5	0.9966	0.9966	0.2782	0.9818	0.5324	0.9267	0.6854	0.7126
55.6	0.9981	0.9980	0.1722	0.9814	0.4993	0.9528	0.6674	0.6595
55.7	0.9985	0.9984	0.1787	0.9842	0.4864	0.9748	0.6774	0.8608
55.8	0.9978	0.9977	0.2497	0.9865	0.5146	0.9738	0.6762	0.9179
55.9	0.9982	0.9980	0.2913	0.9828	0.4374	0.9713	0.6275	0.9331
56.0	0.9957	0.9958	0.2886	0.9749	0.2934	0.9011	0.5674	0.8662
56.1	0.9964	0.9964	0.3022	0.9848	0.3571	0.8547	0.6175	0.7838
56.2	0.9986	0.9985	0.4470	0.9903	0.4377	0.9585	0.7121	0.9118
56.3	0.9983	0.9982	0.3607	0.9846	0.4067	0.9737	0.6688	0.9387
56.4	0.9976	0.9974	0.4471	0.9849	0.3608	0.9673	0.6474	0.9341
56.5	0.9967	0.9965	0.5040	0.9826	0.3128	0.9660	0.6647	0.9566
56.6	0.9979	0.9978	0.5223	0.9874	0.1909	0.9663	0.6252	0.9616
56.7	0.9977	0.9975	0.4934	0.9880	0.1503	0.9645	0.5810	0.9549
56.8	0.9962	0.9958	0.4473	0.9874	0.1328	0.9519	0.5223	0.9520
56.9	0.9953	0.9948	0.5221	0.9833	0.1375	0.9417	0.5466	0.9579
57.0	0.9970	0.9967	0.5782	0.9862	0.1543	0.9460	0.6016	0.9548
57.1	0.9961	0.9958	0.6064	0.9821	0.1989	0.8931	0.6409	0.9537
57.2	0.9955	0.9954	0.5836	0.9840	0.3430	0.7557	0.6503	0.9266
57.3	0.9966	0.9964	0.5503	0.9862	0.4158	0.8926	0.6602	0.9328
57.4	0.9963	0.9961	0.6831	0.9878	0.4717	0.9454	0.7471	0.9516
57.5	0.9954	0.9950	0.6646	0.9835	0.3401	0.9505	0.6935	0.9537
57.6	0.9956	0.9952	0.6702	0.9840	0.3130	0.9379	0.6804	0.9659
57.7	0.9955	0.9952	0.7645	0.9876	0.4703	0.9571	0.7618	0.9747
57.8	0.9946	0.9942	0.7930	0.9867	0.5112	0.9656	0.7878	0.9634
57.9	0.9935	0.9931	0.7767	0.9849	0.4232	0.9561	0.7822	0.9639
58.0	0.9926	0.9922	0.7354	0.9817	0.2636	0.9347	0.7362	0.9694
58.1	0.9960	0.9958	0.7626	0.9844	0.4006	0.9413	0.7688	0.9782
58.2	0.9942	0.9938	0.8048	0.9821	0.4450	0.9407	0.7948	0.9807
58.3	0.9923	0.9920	0.8476	0.9827	0.3904	0.9423	0.8346	0.9609
58.4	0.9913	0.9910	0.8843	0.9820	0.4835	0.9457	0.8759	0.9663
58.5	0.9929	0.9927	0.8732	0.9857	0.4258	0.9181	0.8673	0.9826
58.6	0.9918	0.9915	0.8356	0.9830	0.2980	0.9124	0.8322	0.9780
58.7	0.9923	0.9920	0.8526	0.9831	0.3175	0.9413	0.8568	0.9828
58.8	0.9911	0.9909	0.8629	0.9815	0.3557	0.9448	0.8670	0.9827
58.9	0.9907	0.9905	0.8707	0.9813	0.2501	0.9413	0.8679	0.9848
59.0	0.9870	0.9868	0.8853	0.9723	0.1603	0.9364	0.8681	0.9710
59.1	0.9855	0.9851	0.8817	0.9693	0.1254	0.9343	0.8714	0.9703
59.2	0.9860	0.9859	0.8766	0.9725	0.1469	0.9226	0.8798	0.9681
59.3	0.9873	0.9871	0.9177	0.9745	0.1388	0.9492	0.9190	0.9799
59.4	0.9894	0.9893	0.9576	0.9805	0.1814	0.9721	0.9588	0.9855
59.5	0.9848	0.9849	0.9301	0.9692	0.0670	0.9546	0.9411	0.9777

59.6	0.9823	0.9826	0.9243	0.9657	0.1074	0.9388	0.9394	0.9722
59.7	0.9839	0.9843	0.9384	0.9749	0.1852	0.9569	0.9473	0.9789
59.8	0.9831	0.9835	0.9421	0.9703	0.2492	0.9567	0.9530	0.9687
59.9	0.9819	0.9719	0.9128	0.0775	0.2077	0.9510	0.9546	0.9659
60.0	0.9808	0.9317	0.8237	0.0277	0.2343	0.9599	0.9595	0.9746
60.1	0.9766	0.9579	0.8945	0.0924	0.3317	0.9489	0.9518	0.9629
60.2	0.9804	0.9814	0.9243	0.9461	0.3878	0.9292	0.9409	0.9593
60.3	0.9807	0.9814	0.9410	0.9696	0.5011	0.9473	0.9581	0.9667
60.4	0.9798	0.9806	0.9417	0.9707	0.5131	0.9550	0.9604	0.9697
60.5	0.9815	0.9824	0.9301	0.9721	0.5327	0.9525	0.9496	0.9638
60.6	0.9843	0.9851	0.9540	0.9770	0.6344	0.9629	0.9657	0.9710
60.7	0.9795	0.9809	0.9446	0.9714	0.5414	0.9493	0.9612	0.9600
60.8	0.9753	0.9769	0.9311	0.9682	0.5479	0.9354	0.9543	0.9494
60.9	0.9681	0.9702	0.9383	0.9652	0.5267	0.9342	0.9616	0.9492
61.0	0.9705	0.9726	0.9437	0.9712	0.4590	0.9387	0.9653	0.9583
61.1	0.9734	0.9755	0.9255	0.9742	0.4297	0.9328	0.9574	0.9549
61.2	0.9728	0.9748	0.9254	0.9742	0.5114	0.9335	0.9600	0.9564
61.3	0.9741	0.9761	0.9370	0.9714	0.4900	0.9380	0.9665	0.9635
61.4	0.9679	0.9701	0.9151	0.9556	0.4842	0.9230	0.9552	0.9527
61.5	0.9713	0.9729	0.9539	0.9579	0.6793	0.9525	0.9718	0.9662
61.6	0.9738	0.9755	0.9447	0.9716	0.6833	0.9507	0.9707	0.9641
61.7	0.9609	0.9633	0.9230	0.9567	0.5930	0.9304	0.9566	0.9444
61.8	0.9645	0.9663	0.9378	0.9576	0.6102	0.9421	0.9654	0.9471
61.9	0.9715	0.9725	0.9472	0.9607	0.6839	0.9512	0.9712	0.9538
62.0	0.9696	0.9707	0.9454	0.9564	0.6397	0.9513	0.9684	0.9527
62.1	0.9631	0.9640	0.9332	0.9299	0.6140	0.9438	0.9553	0.9444
62.2	0.9703	0.9712	0.9332	0.9146	0.6693	0.9485	0.9559	0.9501
62.3	0.9722	0.9731	0.9368	0.9129	0.6831	0.9509	0.9596	0.9525
62.4	0.9760	0.9760	0.9545	0.9172	0.7482	0.9585	0.9703	0.9597
62.5	0.9805	0.9804	0.9656	0.9318	0.7807	0.9692	0.9766	0.9617
62.6	0.9854	0.9853	0.9714	0.9255	0.8072	0.9764	0.9812	0.9678
62.7	0.9833	0.9835	0.9674	0.9186	0.8304	0.9732	0.9757	0.9703
62.8	0.9884	0.9887	0.9759	0.9236	0.8844	0.9774	0.9807	0.9793
62.9	0.9882	0.9885	0.9769	0.8988	0.8995	0.9752	0.9803	0.9743
63.0	0.9886	0.9888	0.9758	0.9222	0.8907	0.9770	0.9804	0.9797
63.1	0.9899	0.9902	0.9786	0.9301	0.8963	0.9810	0.9802	0.9783
63.2	0.9872	0.9874	0.9755	0.9044	0.8628	0.9759	0.9785	0.9663
63.3	0.9871	0.9873	0.9769	0.8869	0.8677	0.9753	0.9780	0.9576
63.4	0.9909	0.9911	0.9857	0.9108	0.9010	0.9813	0.9847	0.9736
63.5	0.9929	0.9930	0.9873	0.9271	0.9108	0.9848	0.9866	0.9842
63.6	0.9940	0.9941	0.9880	0.9217	0.9141	0.9880	0.9879	0.9834
63.7	0.9949	0.9951	0.9923	0.9323	0.9191	0.9897	0.9906	0.9833
63.8	0.9942	0.9945	0.9929	0.9432	0.9111	0.9885	0.9912	0.9870
63.9	0.9940	0.9944	0.9922	0.9501	0.8642	0.9879	0.9909	0.9878
64.0	0.9939	0.9943	0.9901	0.9429	0.7839	0.9849	0.9900	0.9784
64.1	0.9934	0.9938	0.9907	0.9330	0.7689	0.9869	0.9890	0.9796
64.2	0.9937	0.9942	0.9881	0.9323	0.7542	0.9834	0.9869	0.9760
64.3	0.9932	0.9937	0.9899	0.9344	0.7190	0.9804	0.9900	0.9770
64.4	0.9927	0.9933	0.9920	0.9390	0.5440	0.9828	0.9919	0.9780
64.5	0.9932	0.9938	0.9904	0.9622	0.4709	0.9841	0.9933	0.9813
64.6	0.9945	0.9949	0.9935	0.9756	0.4806	0.9857	0.9947	0.9832
64.7	0.9948	0.9952	0.9928	0.9685	0.2401	0.9892	0.9939	0.9854
64.8	0.9949	0.9953	0.9934	0.9721	0.0507	0.9905	0.9945	0.9860
64.9	0.9944	0.9948	0.9919	0.9618	0.0295	0.9863	0.9942	0.9814
65.0	0.9942	0.9947	0.9913	0.9641	0.2555	0.9832	0.9949	0.9847
65.1	0.9937	0.9943	0.9900	0.9682	0.3946	0.9787	0.9932	0.9809
65.2	0.9927	0.9934	0.9891	0.9656	0.5200	0.9800	0.9943	0.9709
65.3	0.9941	0.9946	0.9918	0.9805	0.7417	0.9839	0.9962	0.9819
65.4	0.9944	0.9950	0.9918	0.9803	0.7560	0.9813	0.9960	0.9836
65.5	0.9945	0.9950	0.9921	0.9790	0.8082	0.9820	0.9953	0.9854
65.6	0.9948	0.9952	0.9939	0.9855	0.8582	0.9830	0.9964	0.9879
65.7	0.9942	0.9948	0.9897	0.9852	0.8757	0.9795	0.9962	0.9841
65.8	0.9919	0.9930	0.9879	0.9813	0.8714	0.9745	0.9966	0.9808
65.9	0.9888	0.9902	0.9839	0.9741	0.8566	0.9640	0.9951	0.9739
66.0	0.9911	0.9922	0.9864	0.9807	0.9029	0.9700	0.9942	0.9787
66.1	0.9915	0.9925	0.9890	0.9799	0.9173	0.9720	0.9953	0.9803
66.2	0.9913	0.9927	0.9837	0.9792	0.9133	0.9643	0.9946	0.9761
66.3	0.9921	0.9933	0.9852	0.9829	0.9366	0.9614	0.9949	0.9767
66.4	0.9864	0.9883	0.9790	0.9808	0.9149	0.9497	0.9927	0.9675
66.5	0.9851	0.9871	0.9725	0.9762	0.9144	0.9384	0.9907	0.9688
66.6	0.9893	0.9910	0.9816	0.9811	0.9401	0.9519	0.9922	0.9758
66.7	0.9924	0.9936	0.9871	0.9870	0.9584	0.9643	0.9950	0.9754
66.8	0.9887	0.9905	0.9852	0.9825	0.9559	0.9427	0.9944	0.9758
66.9	0.9746	0.9788	0.9630	0.9764	0.9170	0.8745	0.9894	0.9624
67.0	0.9722	0.9766	0.9601	0.9771	0.9186	0.8672	0.9883	0.9498
67.1	0.9798	0.9830	0.9739	0.9847	0.9549	0.9045	0.9929	0.9612
67.2	0.9828	0.9857	0.9812	0.9879	0.9667	0.8991	0.9931	0.9665
67.3	0.9831	0.9862	0.9830	0.9848	0.9501	0.8812	0.9922	0.9653
67.4	0.9810	0.9845	0.9836	0.9841	0.9618	0.8459	0.9925	0.9634
67.5	0.9770	0.9812	0.9776	0.9829	0.9648	0.8324	0.9928	0.9416
67.6	0.9780	0.9823	0.9783	0.9816	0.9541	0.8121	0.9914	0.9410
67.7	0.9730	0.9782	0.9787	0.9811	0.9460	0.7328	0.9892	0.9495
67.8	0.9757	0.9807	0.9819	0.9821	0.9616	0.6780	0.9912	0.9478
67.9	0.9780	0.9823	0.9814	0.9862	0.9693	0.6991	0.9928	0.9342
68.0	0.9787	0.9824	0.9849	0.9867	0.9740	0.6068	0.9932	0.9412
68.1	0.9702	0.9756	0.9805	0.9815	0.9760	0.4112	0.9903	0.9165

68.2	0.9667	0.9721	0.9731	0.9773	0.9677	0.4889	0.9878	0.9012
68.3	0.9705	0.9747	0.9736	0.9768	0.9683	0.5974	0.9890	0.9193
68.4	0.9743	0.9778	0.9737	0.9765	0.9739	0.6382	0.9878	0.9307
68.5	0.9691	0.9731	0.9642	0.9730	0.9683	0.6902	0.9845	0.9194
68.6	0.9720	0.9757	0.9645	0.9733	0.9682	0.7570	0.9834	0.9211
68.7	0.9862	0.9879	0.9813	0.9834	0.9824	0.8818	0.9899	0.9476
68.8	0.9808	0.9835	0.9722	0.9745	0.9756	0.8667	0.9850	0.9378
68.9	0.9834	0.9856	0.9708	0.9763	0.9747	0.9106	0.9852	0.9343
69.0	0.9907	0.9918	0.9832	0.9820	0.9854	0.9524	0.9896	0.9388
69.1	0.9878	0.9892	0.9762	0.9715	0.9842	0.9454	0.9856	0.9163
69.2	0.9868	0.9884	0.9681	0.9688	0.9767	0.9426	0.9819	0.8938
69.3	0.9897	0.9910	0.9667	0.9755	0.9774	0.9503	0.9846	0.8628
69.4	0.9887	0.9897	0.9688	0.9646	0.9737	0.9538	0.9801	0.7660
69.5	0.9876	0.9887	0.9655	0.9574	0.9740	0.9475	0.9739	0.7054
69.6	0.9906	0.9916	0.9564	0.9613	0.9785	0.9647	0.9761	0.6100
69.7	0.9934	0.9942	0.9641	0.9672	0.9826	0.9746	0.9812	0.6736
69.8	0.9929	0.9936	0.9638	0.9512	0.9788	0.9717	0.9729	0.6699
69.9	0.9942	0.9949	0.9609	0.9451	0.9788	0.9769	0.9729	0.6837
70.0	0.9946	0.9952	0.9634	0.9434	0.9787	0.9812	0.9735	0.6363
70.1	0.9951	0.9958	0.9624	0.9451	0.9800	0.9822	0.9735	0.6399
70.2	0.9953	0.9959	0.9630	0.9410	0.9758	0.9822	0.9719	0.6871
70.3	0.9946	0.9953	0.9626	0.9169	0.9692	0.9782	0.9580	0.6696
70.4	0.9945	0.9954	0.9613	0.8929	0.9666	0.9757	0.9432	0.5454
70.5	0.9955	0.9962	0.9511	0.9070	0.9698	0.9777	0.9517	0.6338
70.6	0.9958	0.9964	0.9591	0.9154	0.9704	0.9813	0.9534	0.7691
70.7	0.9947	0.9956	0.9492	0.8990	0.9666	0.9798	0.9464	0.6839
70.8	0.9946	0.9957	0.9468	0.9100	0.9607	0.9756	0.9472	0.6685
70.9	0.9967	0.9973	0.9306	0.8997	0.9656	0.9783	0.9404	0.6720
71.0	0.9958	0.9965	0.9046	0.8677	0.9554	0.9760	0.9177	0.7073
71.1	0.9965	0.9969	0.9131	0.8339	0.9433	0.9805	0.8979	0.7549
71.2	0.9977	0.9981	0.9209	0.8645	0.9499	0.9834	0.9200	0.8121
71.3	0.9975	0.9981	0.9290	0.8826	0.9497	0.9827	0.9214	0.8491
71.4	0.9966	0.9972	0.9023	0.8444	0.9431	0.9807	0.8902	0.8427
71.5	0.9966	0.9970	0.8681	0.8017	0.9238	0.9758	0.8609	0.7912
71.6	0.9967	0.9974	0.8412	0.7830	0.9022	0.9711	0.8454	0.8041
71.7	0.9958	0.9966	0.8018	0.7036	0.8506	0.9660	0.7673	0.8038
71.8	0.9957	0.9966	0.7594	0.7469	0.8784	0.9641	0.8039	0.8004
71.9	0.9945	0.9958	0.7347	0.7115	0.8273	0.9585	0.7504	0.8138
72.0	0.9949	0.9962	0.7194	0.6496	0.7588	0.9579	0.6808	0.8243
72.1	0.9951	0.9964	0.7508	0.6668	0.7614	0.9626	0.6593	0.8480
72.2	0.9965	0.9974	0.6445	0.5602	0.7352	0.9675	0.6239	0.8459
72.3	0.9950	0.9964	0.5947	0.5958	0.7121	0.9505	0.6194	0.7860
72.4	0.9954	0.9968	0.6697	0.5843	0.7153	0.9507	0.6177	0.8112
72.5	0.9964	0.9972	0.6855	0.5808	0.7401	0.9572	0.6348	0.8149
72.6	0.9956	0.9967	0.6522	0.6267	0.7028	0.9479	0.6154	0.8345
72.7	0.9941	0.9959	0.5466	0.5663	0.6554	0.9364	0.6065	0.8278
72.8	0.9947	0.9965	0.5732	0.6085	0.7191	0.9349	0.6974	0.8442
72.9	0.9955	0.9970	0.5919	0.3787	0.6540	0.9358	0.5820	0.8522
73.0	0.9964	0.9975	0.6387	0.3318	0.5862	0.9449	0.5013	0.8375
73.1	0.9961	0.9974	0.7374	0.4319	0.4931	0.9418	0.3947	0.8633
73.2	0.9939	0.9962	0.7885	0.4545	0.4820	0.9242	0.3756	0.8390
73.3	0.9957	0.9974	0.7894	0.4738	0.6465	0.9480	0.5516	0.8646
73.4	0.9954	0.9972	0.7467	0.2928	0.5588	0.9463	0.4509	0.8681
73.5	0.9958	0.9973	0.8161	0.3729	0.5677	0.9408	0.4596	0.8954
73.6	0.9962	0.9978	0.8275	0.2850	0.6258	0.9393	0.4489	0.8803
73.7	0.9943	0.9964	0.7720	0.1337	0.6166	0.9303	0.4355	0.8430
73.8	0.9949	0.9968	0.7942	0.2303	0.6113	0.9448	0.4657	0.8556
73.9	0.9947	0.9971	0.8392	0.2363	0.6492	0.9377	0.4984	0.8538
74.0	0.9940	0.9966	0.8777	0.3234	0.7009	0.9181	0.5697	0.8847
74.1	0.9931	0.9963	0.8863	0.3867	0.6890	0.9198	0.5392	0.8723
74.2	0.9938	0.9968	0.8955	0.3530	0.7113	0.9298	0.5446	0.8616
74.3	0.9929	0.9961	0.9037	0.3514	0.7517	0.9318	0.5954	0.8673
74.4	0.9903	0.9944	0.8941	0.3503	0.7145	0.9181	0.5702	0.8993
74.5	0.9928	0.9962	0.8842	0.1698	0.7878	0.9371	0.6898	0.8981
74.6	0.9913	0.9953	0.9146	0.1953	0.8474	0.9391	0.7890	0.9238
74.7	0.9935	0.9965	0.9415	0.4701	0.8756	0.9525	0.8091	0.9390
74.8	0.9914	0.9954	0.9356	0.4457	0.8769	0.9368	0.8053	0.9118
74.9	0.9882	0.9935	0.9262	0.3775	0.8732	0.9250	0.7958	0.8835
75.0	0.9922	0.9957	0.9370	0.3383	0.8811	0.9522	0.8123	0.8981
75.1	0.9940	0.9969	0.9457	0.3242	0.8869	0.9645	0.8281	0.9251
75.2	0.9911	0.9952	0.9421	0.3724	0.8761	0.9485	0.8026	0.9021
75.3	0.9912	0.9948	0.9454	0.3499	0.8861	0.9465	0.8358	0.8838
75.4	0.9895	0.9942	0.9184	0.2240	0.8567	0.9382	0.8168	0.8707
75.5	0.9917	0.9952	0.9202	0.2809	0.8668	0.9446	0.8336	0.8938
75.6	0.9914	0.9947	0.9354	0.3120	0.9222	0.9563	0.8940	0.9082
75.7	0.9918	0.9954	0.9516	0.3730	0.9443	0.9602	0.9308	0.9252
75.8	0.9945	0.9969	0.9554	0.4183	0.9353	0.9687	0.9120	0.9230
75.9	0.9949	0.9969	0.9560	0.3839	0.9391	0.9704	0.9244	0.9183
76.0	0.9947	0.9966	0.9499	0.3305	0.9342	0.9721	0.9168	0.9257
76.1	0.9937	0.9959	0.9436	0.1918	0.9374	0.9662	0.9186	0.9147
76.2	0.9884	0.9933	0.9124	0.1434	0.9095	0.9413	0.8959	0.8588
76.3	0.9914	0.9948	0.9339	0.2198	0.9389	0.9593	0.9386	0.8862
76.4	0.9930	0.9953	0.9439	0.3005	0.9363	0.9668	0.9261	0.8898
76.5	0.9928	0.9951	0.9452	0.3203	0.9355	0.9629	0.9225	0.9018
76.6	0.9918	0.9948	0.9337	0.3085	0.9427	0.9534	0.9444	0.9216
76.7	0.9914	0.9950	0.9256	0.3010	0.9468	0.9490	0.9409	0.8928

76.8	0.9932	0.9960	0.9460	0.4333	0.9514	0.9617	0.9458	0.8892
76.9	0.9940	0.9966	0.9374	0.5207	0.9459	0.9701	0.9370	0.9148
77.0	0.9923	0.9955	0.9217	0.3859	0.9509	0.9632	0.9435	0.9078
77.1	0.9926	0.9956	0.9239	0.4032	0.9502	0.9544	0.9440	0.8911
77.2	0.9934	0.9959	0.9155	0.4120	0.9458	0.9479	0.9442	0.8498
77.3	0.9946	0.9961	0.9147	0.3002	0.9532	0.9608	0.9490	0.8505
77.4	0.9951	0.9964	0.9236	0.3146	0.9657	0.9767	0.9573	0.8966
77.5	0.9938	0.9959	0.9003	0.2927	0.9595	0.9668	0.9582	0.8636
77.6	0.9948	0.9967	0.8985	0.4108	0.9614	0.9617	0.9532	0.8334
77.7	0.9948	0.9966	0.9043	0.4661	0.9622	0.9598	0.9478	0.8268
77.8	0.9942	0.9964	0.9132	0.4312	0.9628	0.9582	0.9484	0.7659
77.9	0.9913	0.9944	0.8540	0.1973	0.9379	0.9382	0.9186	0.5648
78.0	0.9919	0.9947	0.8411	0.2589	0.9479	0.9575	0.9316	0.6068
78.1	0.9941	0.9962	0.9107	0.3372	0.9684	0.9713	0.9511	0.6892
78.2	0.9943	0.9967	0.8963	0.3478	0.9620	0.9617	0.9381	0.6766
78.3	0.9939	0.9961	0.8590	0.2890	0.9620	0.9580	0.9386	0.6353
78.4	0.9948	0.9967	0.8648	0.4083	0.9657	0.9630	0.9522	0.5665
78.5	0.9953	0.9973	0.9074	0.5697	0.9766	0.9726	0.9542	0.4829
78.6	0.9949	0.9967	0.9167	0.6689	0.9806	0.9704	0.9514	0.1994
78.7	0.9942	0.9962	0.8919	0.5602	0.9753	0.9711	0.9522	0.3863
78.8	0.9952	0.9971	0.8990	0.6241	0.9727	0.9739	0.9572	0.6181
78.9	0.9937	0.9964	0.8669	0.4917	0.9538	0.9701	0.9286	0.6187
79.0	0.9923	0.9955	0.7690	0.1501	0.9155	0.9670	0.9084	0.4296
79.1	0.9944	0.9961	0.8168	0.4228	0.9392	0.9718	0.9277	0.2065
79.2	0.9944	0.9961	0.8369	0.4948	0.9616	0.9800	0.9502	0.2042
79.3	0.9931	0.9951	0.8750	0.4529	0.9655	0.9752	0.9593	0.2520
79.4	0.9897	0.9923	0.8616	0.4350	0.9605	0.9686	0.9271	0.3028
79.5	0.9925	0.9945	0.8510	0.6286	0.9720	0.9773	0.9396	0.3507
79.6	0.9941	0.9956	0.8665	0.7154	0.9786	0.9790	0.9433	0.3276
79.7	0.9957	0.9969	0.8790	0.7333	0.9836	0.9812	0.9602	0.2941
79.8	0.9945	0.9961	0.8617	0.6481	0.9809	0.9764	0.9542	0.3974
79.9	0.9943	0.9959	0.8658	0.6408	0.9749	0.9758	0.9502	0.4451
80.0	0.9932	0.9952	0.7882	0.6258	0.9675	0.9717	0.9420	0.4129

2.2.20 Run 2 – IP270-200 – Accels 9–16

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.2334	0.4919	0.2272	0.6595	0.2724	0.0688	0.2574	0.7940
0.1	0.0780	0.2812	0.0317	0.4440	0.1435	0.0115	0.1574	0.2442
0.2	0.0007	0.0107	0.0079	0.0162	0.0122	0.0149	0.0315	0.0466
0.3	0.0258	0.0367	0.0198	0.0103	0.0249	0.0389	0.0255	0.0104
0.4	0.0017	0.0358	0.0145	0.0019	0.0259	0.0194	0.0131	0.0222
0.5	0.0367	0.0185	0.0194	0.0226	0.0484	0.0070	0.0179	0.0010
0.6	0.0066	0.0042	0.0003	0.0439	0.0020	0.0079	0.0670	0.0019
0.7	0.0192	0.1269	0.0306	0.1576	0.0263	0.0025	0.1096	0.0077
0.8	0.2674	0.4397	0.0080	0.3449	0.0071	0.0152	0.3121	0.0525
0.9	0.7209	0.8222	0.0834	0.5791	0.0374	0.0721	0.5677	0.0025
1.0	0.7672	0.8454	0.1186	0.4956	0.0054	0.0296	0.4923	0.0024
1.1	0.8165	0.8912	0.2525	0.4808	0.0548	0.0737	0.5030	0.0296
1.2	0.8888	0.9287	0.4017	0.6156	0.0994	0.1458	0.6263	0.0783
1.3	0.9379	0.9593	0.4164	0.6428	0.4115	0.3230	0.6462	0.2957
1.4	0.8909	0.9294	0.4108	0.0937	0.5448	0.2358	0.0951	0.2309
1.5	0.9406	0.9544	0.6509	0.1495	0.6842	0.4609	0.1501	0.6524
1.6	0.9253	0.9440	0.7446	0.6218	0.7844	0.5781	0.6241	0.8332
1.7	0.7584	0.7969	0.7353	0.7074	0.6555	0.5775	0.7084	0.8075
1.8	0.7563	0.7580	0.9282	0.7049	0.6470	0.6089	0.7050	0.7734
1.9	0.8849	0.8534	0.9591	0.8328	0.7992	0.7746	0.8328	0.7971
2.0	0.9464	0.9156	0.9703	0.9238	0.9149	0.9090	0.9237	0.8563
2.1	0.9534	0.9062	0.9197	0.9214	0.8880	0.8433	0.9215	0.8665
2.2	0.9767	0.9382	0.6994	0.9539	0.6784	0.6374	0.9538	0.7053
2.3	0.9841	0.9476	0.4591	0.9681	0.3387	0.3751	0.9683	0.4833
2.4	0.9719	0.8836	0.5171	0.9479	0.2764	0.4055	0.9478	0.5395
2.5	0.9675	0.8423	0.8562	0.9274	0.5773	0.7308	0.9273	0.8348
2.6	0.9582	0.7384	0.9484	0.9050	0.6265	0.8024	0.9051	0.8316
2.7	0.9559	0.6792	0.9660	0.8998	0.5682	0.6860	0.8999	0.7561
2.8	0.9449	0.4648	0.9430	0.8712	0.3538	0.4373	0.8705	0.5124
2.9	0.9205	0.4194	0.9368	0.8100	0.2735	0.2537	0.8089	0.3003
3.0	0.9141	0.4861	0.9203	0.8051	0.3067	0.3204	0.8037	0.2602
3.1	0.8740	0.4615	0.8779	0.7248	0.2072	0.2297	0.7238	0.2923
3.2	0.8286	0.5323	0.8168	0.6329	0.1184	0.1489	0.6326	0.3789
3.3	0.8390	0.6422	0.8597	0.6647	0.2452	0.2732	0.6650	0.4199
3.4	0.7888	0.5049	0.8109	0.6223	0.2207	0.2821	0.6219	0.3658
3.5	0.8279	0.5685	0.8219	0.6700	0.1514	0.2527	0.6699	0.4506
3.6	0.8506	0.6323	0.8382	0.7105	0.1566	0.3092	0.7107	0.5936
3.7	0.8002	0.6358	0.7439	0.6230	0.0571	0.2100	0.6231	0.7009
3.8	0.8113	0.6720	0.7278	0.6401	0.0371	0.1868	0.6402	0.6811
3.9	0.8367	0.7978	0.7532	0.6617	0.0183	0.1399	0.6608	0.7327
4.0	0.8624	0.8415	0.7267	0.7081	0.0800	0.2355	0.7076	0.8327
4.1	0.9076	0.8946	0.7169	0.7915	0.1157	0.3351	0.7909	0.8381
4.2	0.9223	0.9108	0.7579	0.8243	0.1341	0.4094	0.8246	0.7854
4.3	0.9182	0.9344	0.6637	0.7937	0.0356	0.2587	0.7953	0.7067
4.4	0.9517	0.9710	0.6014	0.8576	0.0396	0.3171	0.8588	0.6727
4.5	0.9707	0.9831	0.5529	0.9018	0.0413	0.4147	0.9016	0.6551
4.6	0.9799	0.9883	0.6522	0.9318	0.0312	0.4599	0.9324	0.7370
4.7	0.9842	0.9915	0.7406	0.9438	0.0542	0.5198	0.9440	0.8653
4.8	0.9881	0.9933	0.7871	0.9575	0.1262	0.5600	0.9569	0.9097
4.9	0.9888	0.9946	0.7940	0.9568	0.0887	0.5210	0.9587	0.8943
5.0	0.9914	0.9964	0.8270	0.9674	0.0762	0.6202	0.9668	0.9155
5.1	0.9911	0.9966	0.8107	0.9675	0.1350	0.6060	0.9667	0.8787
5.2	0.9867	0.9947	0.7721	0.9504	0.1021	0.5800	0.9510	0.8474
5.3	0.9854	0.9954	0.7791	0.9454	0.0815	0.5194	0.9468	0.8525
5.4	0.9840	0.9961	0.6639	0.9499	0.2291	0.5249	0.9502	0.8699
5.5	0.9792	0.9954	0.5747	0.9406	0.2933	0.4966	0.9399	0.9060
5.6	0.9730	0.9955	0.5202	0.9282	0.1282	0.4170	0.9279	0.9068
5.7	0.9597	0.9930	0.5096	0.9095	0.1144	0.3846	0.9102	0.8269
5.8	0.9719	0.9952	0.6327	0.9406	0.1273	0.4058	0.9414	0.8181
5.9	0.9584	0.9941	0.6085	0.9160	0.1764	0.4009	0.9188	0.7224
6.0	0.9442	0.9917	0.4109	0.8845	0.3102	0.5297	0.8855	0.7682
6.1	0.9585	0.9943	0.5472	0.9101	0.4437	0.6306	0.9113	0.8703
6.2	0.9725	0.9958	0.6312	0.9354	0.4220	0.7269	0.9363	0.8637
6.3	0.9702	0.9952	0.6626	0.9284	0.5198	0.7073	0.9291	0.8673
6.4	0.9781	0.9971	0.7185	0.9445	0.4658	0.7431	0.9456	0.8436
6.5	0.9844	0.9980	0.7669	0.9599	0.1489	0.7535	0.9608	0.6124
6.6	0.9844	0.9976	0.7782	0.9606	0.4406	0.7429	0.9604	0.7737
6.7	0.9864	0.9977	0.7998	0.9640	0.7053	0.7107	0.9642	0.8798
6.8	0.9853	0.9981	0.8215	0.9586	0.6896	0.6471	0.9575	0.8434
6.9	0.9919	0.9984	0.8707	0.9759	0.7224	0.7298	0.9748	0.8454
7.0	0.9951	0.9985	0.8857	0.9858	0.7349	0.7596	0.9854	0.8287
7.1	0.9939	0.9985	0.7823	0.9828	0.5584	0.6694	0.9822	0.6439
7.2	0.9952	0.9991	0.7431	0.9874	0.6190	0.6678	0.9869	0.6202
7.3	0.9975	0.9992	0.6839	0.9918	0.7277	0.7986	0.9923	0.6792
7.4	0.9973	0.9992	0.6652	0.9899	0.6759	0.8525	0.9908	0.5395
7.5	0.9961	0.9989	0.7337	0.9890	0.6363	0.8163	0.9890	0.4133
7.6	0.9949	0.9988	0.7156	0.9858	0.6784	0.7724	0.9856	0.3526
7.7	0.9928	0.9985	0.6933	0.9777	0.5938	0.6412	0.9764	0.2303
7.8	0.9960	0.9990	0.6719	0.9858	0.5966	0.7230	0.9860	0.1186
7.9	0.9974	0.9993	0.6404	0.9905	0.5163	0.7748	0.9909	0.2583

8.0	0.9963	0.9988	0.5780	0.9858	0.4090	0.6863	0.9866	0.2638
8.1	0.9974	0.9991	0.7487	0.9905	0.5475	0.7260	0.9902	0.3571
8.2	0.9971	0.9989	0.7980	0.9898	0.7213	0.7530	0.9895	0.5378
8.3	0.9969	0.9988	0.8047	0.9888	0.7746	0.7193	0.9892	0.6503
8.4	0.9974	0.9987	0.8548	0.9895	0.7616	0.7061	0.9897	0.6463
8.5	0.9981	0.9991	0.8638	0.9930	0.7583	0.7615	0.9934	0.7024
8.6	0.9968	0.9988	0.8360	0.9919	0.6551	0.7781	0.9919	0.7102
8.7	0.9969	0.9988	0.8853	0.9936	0.6947	0.8037	0.9932	0.7683
8.8	0.9977	0.9987	0.9117	0.9936	0.7890	0.7606	0.9932	0.8281
8.9	0.9975	0.9991	0.9309	0.9933	0.7763	0.7516	0.9934	0.8272
9.0	0.9964	0.9990	0.9303	0.9930	0.7172	0.7534	0.9935	0.7852
9.1	0.9961	0.9989	0.9332	0.9948	0.8210	0.7427	0.9947	0.8415
9.2	0.9966	0.9989	0.9448	0.9946	0.8718	0.7384	0.9944	0.8670
9.3	0.9954	0.9988	0.9532	0.9934	0.8956	0.6933	0.9933	0.8866
9.4	0.9946	0.9987	0.9472	0.9943	0.9192	0.6817	0.9945	0.8828
9.5	0.9905	0.9984	0.9321	0.9947	0.9322	0.7357	0.9950	0.8362
9.6	0.9922	0.9990	0.9443	0.9952	0.9623	0.8374	0.9952	0.8572
9.7	0.9949	0.9987	0.9359	0.9958	0.9706	0.8664	0.9959	0.8397
9.8	0.9963	0.9991	0.9488	0.9978	0.9831	0.8944	0.9978	0.8691
9.9	0.9952	0.9990	0.9359	0.9964	0.9833	0.8035	0.9968	0.8139
10.0	0.9951	0.9987	0.9274	0.9943	0.9851	0.7188	0.9966	0.7572
10.1	0.9969	0.9990	0.9464	0.9974	0.9853	0.7568	0.9980	0.7293
10.2	0.9975	0.9992	0.9627	0.9981	0.9877	0.7916	0.9980	0.7776
10.3	0.9980	0.9987	0.9537	0.9968	0.9882	0.7668	0.9967	0.8212
10.4	0.9977	0.9986	0.9546	0.9958	0.9919	0.6787	0.9957	0.8477
10.5	0.9973	0.9989	0.9470	0.9960	0.9937	0.6819	0.9961	0.8687
10.6	0.9973	0.9988	0.9591	0.9961	0.9947	0.6225	0.9958	0.9115
10.7	0.9975	0.9986	0.9694	0.9953	0.9949	0.6971	0.9951	0.9349
10.8	0.9977	0.9989	0.9681	0.9954	0.9940	0.7616	0.9953	0.9114
10.9	0.9972	0.9982	0.9510	0.9928	0.9914	0.7458	0.9929	0.8514
11.0	0.9965	0.9971	0.9414	0.9906	0.9881	0.7600	0.9902	0.8366
11.1	0.9975	0.9975	0.9538	0.9943	0.9915	0.8340	0.9940	0.8451
11.2	0.9978	0.9977	0.9684	0.9957	0.9943	0.8666	0.9956	0.8914
11.3	0.9985	0.9977	0.9699	0.9955	0.9945	0.8432	0.9954	0.9125
11.4	0.9984	0.9966	0.9681	0.9933	0.9924	0.8604	0.9931	0.8754
11.5	0.9985	0.9971	0.9700	0.9945	0.9938	0.8940	0.9945	0.7899
11.6	0.9982	0.9974	0.9723	0.9954	0.9928	0.9037	0.9953	0.7279
11.7	0.9982	0.9972	0.9717	0.9952	0.9930	0.9145	0.9952	0.6082
11.8	0.9979	0.9960	0.9659	0.9942	0.9918	0.9078	0.9942	0.4983
11.9	0.9967	0.9933	0.9596	0.9911	0.9879	0.9105	0.9910	0.5012
12.0	0.9966	0.9944	0.9783	0.9938	0.9901	0.9290	0.9937	0.4870
12.1	0.9958	0.9932	0.9761	0.9917	0.9891	0.9513	0.9916	0.6275
12.2	0.9948	0.9926	0.9801	0.9923	0.9889	0.9559	0.9922	0.7414
12.3	0.9945	0.9913	0.9795	0.9888	0.9874	0.9329	0.9887	0.7753
12.4	0.9897	0.9847	0.9694	0.9820	0.9790	0.9208	0.9821	0.7512
12.5	0.9861	0.9822	0.9658	0.9807	0.9766	0.9362	0.9809	0.7717
12.6	0.9841	0.9829	0.9729	0.9827	0.9775	0.9379	0.9825	0.7976
12.7	0.9742	0.9773	0.9661	0.9757	0.9705	0.8956	0.9756	0.6965
12.8	0.9663	0.9723	0.9599	0.9670	0.9640	0.8625	0.9672	0.6257
12.9	0.9559	0.9662	0.9624	0.9692	0.9569	0.8538	0.9691	0.5082
13.0	0.9617	0.9696	0.9733	0.9761	0.9646	0.8867	0.9761	0.7119
13.1	0.9236	0.9376	0.9610	0.9625	0.9319	0.8261	0.9628	0.6504
13.2	0.9141	0.9258	0.9545	0.9459	0.9226	0.8403	0.9462	0.7625
13.3	0.8993	0.9140	0.9522	0.9301	0.9166	0.8446	0.9299	0.8405
13.4	0.8870	0.9063	0.9592	0.9076	0.9162	0.8666	0.9068	0.9001
13.5	0.9552	0.9635	0.9875	0.9650	0.9702	0.9480	0.9645	0.9631
13.6	0.9601	0.9681	0.9907	0.9687	0.9767	0.9657	0.9682	0.9764
13.7	0.9721	0.9786	0.9955	0.9772	0.9878	0.9833	0.9765	0.9895
13.8	0.9812	0.9863	0.9963	0.9841	0.9931	0.9879	0.9838	0.9920
13.9	0.9797	0.9857	0.9953	0.9816	0.9940	0.9881	0.9808	0.9897
14.0	0.9758	0.9846	0.9930	0.9789	0.9951	0.9857	0.9775	0.9874
14.1	0.9717	0.9843	0.9870	0.9761	0.9943	0.9787	0.9736	0.9790
14.2	0.9825	0.9907	0.9874	0.9848	0.9950	0.9827	0.9827	0.9823
14.3	0.9842	0.9919	0.9809	0.9859	0.9901	0.9761	0.9840	0.9751
14.4	0.9760	0.9885	0.9529	0.9767	0.9710	0.9448	0.9728	0.9447
14.5	0.9799	0.9913	0.9363	0.9833	0.9536	0.9305	0.9802	0.9354
14.6	0.9802	0.9921	0.9219	0.9874	0.9301	0.9191	0.9851	0.9250
14.7	0.9786	0.9925	0.9150	0.9868	0.9219	0.9161	0.9849	0.9279
14.8	0.9793	0.9940	0.9406	0.9882	0.9472	0.9429	0.9871	0.9534
14.9	0.9797	0.9937	0.9574	0.9871	0.9597	0.9622	0.9873	0.9692
15.0	0.9841	0.9943	0.9802	0.9880	0.9743	0.9829	0.9890	0.9854
15.1	0.9839	0.9923	0.9760	0.9866	0.9656	0.9791	0.9874	0.9829
15.2	0.9863	0.9926	0.9746	0.9871	0.9534	0.9774	0.9878	0.9833
15.3	0.9858	0.9931	0.9804	0.9851	0.9582	0.9856	0.9857	0.9893
15.4	0.9842	0.9921	0.9825	0.9791	0.9504	0.9874	0.9809	0.9897
15.5	0.9893	0.9951	0.9821	0.9857	0.9407	0.9862	0.9875	0.9900
15.6	0.9858	0.9950	0.9815	0.9831	0.9199	0.9865	0.9854	0.9882
15.7	0.9741	0.9920	0.9786	0.9732	0.8631	0.9843	0.9756	0.9856
15.8	0.9695	0.9877	0.9687	0.9529	0.7663	0.9800	0.9562	0.9805
15.9	0.9679	0.9908	0.9597	0.9566	0.6874	0.9748	0.9599	0.9696
16.0	0.9552	0.9889	0.9528	0.9499	0.7150	0.9654	0.9545	0.9756
16.1	0.9631	0.9905	0.9467	0.9514	0.7927	0.9645	0.9532	0.9827
16.2	0.9503	0.9906	0.9457	0.9431	0.8074	0.9687	0.9465	0.9826
16.3	0.9478	0.9903	0.9473	0.9441	0.7959	0.9677	0.9471	0.9768
16.4	0.9198	0.9854	0.9403	0.9165	0.7494	0.9703	0.9209	0.9744
16.5	0.9045	0.9864	0.9479	0.9018	0.7734	0.9757	0.9086	0.9767

16.6	0.8777	0.9858	0.9665	0.8760	0.7934	0.9820	0.8798	0.9801
16.7	0.7866	0.9782	0.9616	0.8014	0.7799	0.9825	0.8059	0.9778
16.8	0.7118	0.9703	0.9623	0.6997	0.7798	0.9804	0.7010	0.9679
16.9	0.7438	0.9665	0.9632	0.6341	0.7816	0.9815	0.6339	0.9627
17.0	0.6746	0.9642	0.9487	0.5392	0.7473	0.9773	0.5531	0.9577
17.1	0.5465	0.9617	0.9445	0.4134	0.7334	0.9700	0.4388	0.9437
17.2	0.4741	0.9501	0.9261	0.2740	0.7001	0.9631	0.2902	0.9404
17.3	0.2777	0.9351	0.9078	0.1097	0.6192	0.9514	0.1152	0.9193
17.4	0.1739	0.9468	0.9363	0.1148	0.7181	0.9665	0.1229	0.9457
17.5	0.1163	0.9382	0.9443	0.1543	0.7616	0.9706	0.1534	0.9562
17.6	0.0153	0.8791	0.9320	0.2950	0.7533	0.9645	0.2808	0.9374
17.7	0.0902	0.8300	0.9153	0.4353	0.7133	0.9542	0.4321	0.9137
17.8	0.0370	0.8409	0.9177	0.3857	0.7395	0.9592	0.3870	0.9148
17.9	0.1494	0.7930	0.8972	0.5085	0.6882	0.9488	0.5059	0.9073
18.0	0.3349	0.7201	0.8962	0.6516	0.6886	0.9282	0.6456	0.8968
18.1	0.4195	0.6427	0.8958	0.6702	0.7664	0.9289	0.6640	0.8902
18.2	0.4156	0.5329	0.8958	0.7096	0.7990	0.9278	0.7095	0.9036
18.3	0.4606	0.4459	0.8879	0.7205	0.7724	0.9199	0.7225	0.8958
18.4	0.3759	0.4047	0.8434	0.6336	0.7110	0.9070	0.6331	0.8890
18.5	0.4959	0.3804	0.8340	0.6867	0.6977	0.9085	0.6883	0.9032
18.6	0.5774	0.2020	0.8632	0.7364	0.7532	0.9313	0.7356	0.9258
18.7	0.5078	0.1572	0.8524	0.6888	0.7461	0.9222	0.6862	0.8621
18.8	0.4848	0.1640	0.8098	0.6616	0.7145	0.8922	0.6604	0.8391
18.9	0.5224	0.2192	0.8070	0.6751	0.7087	0.8901	0.6757	0.8543
19.0	0.5722	0.3170	0.7834	0.6803	0.7023	0.8624	0.6798	0.8548
19.1	0.5885	0.2951	0.7374	0.6459	0.6711	0.8266	0.6457	0.8296
19.2	0.4907	0.2169	0.5958	0.5133	0.5212	0.7248	0.5128	0.7177
19.3	0.5947	0.3483	0.6527	0.5904	0.5895	0.7616	0.5899	0.7677
19.4	0.5751	0.3807	0.6124	0.5525	0.5577	0.7180	0.5523	0.7548
19.5	0.6475	0.5307	0.6389	0.6055	0.6023	0.6969	0.6052	0.7258
19.6	0.6577	0.5293	0.6211	0.5939	0.5890	0.6544	0.5937	0.6784
19.7	0.5712	0.4841	0.4856	0.4846	0.4592	0.5241	0.4849	0.5642
19.8	0.5752	0.5627	0.4966	0.5180	0.4883	0.5281	0.5190	0.5613
19.9	0.6157	0.6064	0.5517	0.5786	0.5457	0.5914	0.5794	0.6206
20.0	0.5717	0.6643	0.5645	0.5945	0.5691	0.6027	0.5948	0.6545
20.1	0.6467	0.7298	0.6174	0.6532	0.6228	0.6432	0.6538	0.7090
20.2	0.7049	0.7753	0.6711	0.7018	0.6792	0.6896	0.7025	0.7572
20.3	0.6563	0.7586	0.6245	0.6618	0.6396	0.6482	0.6622	0.7313
20.4	0.7183	0.8179	0.6857	0.7272	0.7040	0.7190	0.7274	0.7898
20.5	0.7708	0.8584	0.7248	0.7722	0.7498	0.7784	0.7719	0.8416
20.6	0.7763	0.8864	0.7518	0.7936	0.7801	0.7996	0.7936	0.8515
20.7	0.7638	0.8953	0.7474	0.7901	0.7756	0.7993	0.7902	0.8433
20.8	0.8568	0.9402	0.8338	0.8643	0.8522	0.8794	0.8646	0.9071
20.9	0.8868	0.9564	0.8588	0.8935	0.8779	0.9058	0.8931	0.9210
21.0	0.7997	0.9393	0.7808	0.8284	0.8216	0.8332	0.8278	0.8737
21.1	0.7671	0.9421	0.7639	0.8056	0.8110	0.8251	0.8051	0.8633
21.2	0.7483	0.9474	0.7574	0.8046	0.8178	0.8058	0.8040	0.8505
21.3	0.8036	0.9539	0.7716	0.8328	0.8248	0.8435	0.8327	0.8769
21.4	0.8045	0.9609	0.7754	0.8364	0.8304	0.8472	0.8364	0.8814
21.5	0.8623	0.9751	0.8434	0.8844	0.8840	0.8756	0.8842	0.8872
21.6	0.8199	0.9738	0.8165	0.8400	0.8567	0.8509	0.8398	0.8686
21.7	0.8167	0.9776	0.8516	0.8550	0.8956	0.8699	0.8553	0.8831
21.8	0.7808	0.9785	0.8149	0.8254	0.8735	0.8312	0.8258	0.8610
21.9	0.7677	0.9787	0.8117	0.7932	0.8523	0.8112	0.7931	0.8514
22.0	0.7120	0.9833	0.8426	0.7500	0.8598	0.7779	0.7508	0.8411
22.1	0.6107	0.9790	0.7638	0.6629	0.8007	0.7006	0.6645	0.7613
22.2	0.6921	0.9837	0.7828	0.7018	0.8221	0.7607	0.7013	0.8034
22.3	0.7157	0.9883	0.8304	0.7077	0.8450	0.7760	0.7071	0.8181
22.4	0.7044	0.9879	0.7914	0.6895	0.8033	0.7642	0.6910	0.7720
22.5	0.7244	0.9892	0.7377	0.7144	0.7796	0.7793	0.7163	0.7859
22.6	0.6886	0.9882	0.7813	0.7009	0.8304	0.7321	0.7020	0.7094
22.7	0.6319	0.9886	0.7290	0.5907	0.7398	0.6737	0.5923	0.6218
22.8	0.6475	0.9880	0.6920	0.5966	0.7164	0.6514	0.5976	0.6233
22.9	0.6390	0.9868	0.7121	0.6096	0.7863	0.6258	0.6089	0.5597
23.0	0.6133	0.9852	0.6175	0.5781	0.7223	0.6028	0.5776	0.5725
23.1	0.6751	0.9886	0.6677	0.6494	0.7495	0.6809	0.6509	0.6010
23.2	0.6099	0.9865	0.7210	0.5977	0.7893	0.6384	0.5982	0.5082
23.3	0.5883	0.9852	0.6065	0.4492	0.6878	0.4966	0.4505	0.2724
23.4	0.7113	0.9907	0.6088	0.5686	0.7109	0.6077	0.5710	0.4026
23.5	0.7095	0.9918	0.4941	0.6093	0.6432	0.6371	0.6124	0.4402
23.6	0.5190	0.9860	0.3981	0.4405	0.5803	0.5101	0.4419	0.2921
23.7	0.5906	0.9871	0.4253	0.4515	0.5946	0.4751	0.4524	0.1930
23.8	0.5562	0.9877	0.3692	0.3884	0.5327	0.4018	0.3888	0.1787
23.9	0.5576	0.9918	0.3570	0.3735	0.5411	0.4538	0.3692	0.1991
24.0	0.4843	0.9899	0.3448	0.3250	0.5856	0.4423	0.3242	0.2019
24.1	0.4588	0.9905	0.3957	0.3134	0.6624	0.4184	0.3151	0.2349
24.2	0.4433	0.9910	0.4050	0.2482	0.6863	0.4133	0.2491	0.3153
24.3	0.4428	0.9915	0.3755	0.1266	0.6642	0.2980	0.1220	0.3444
24.4	0.3318	0.9920	0.4111	0.0500	0.7049	0.3308	0.0470	0.3337
24.5	0.3495	0.9928	0.4976	0.0440	0.7655	0.3843	0.0461	0.3594
24.6	0.3134	0.9935	0.5847	0.0033	0.8180	0.3341	0.0025	0.4570
24.7	0.4638	0.9947	0.4854	0.0437	0.8241	0.3588	0.0444	0.5692
24.8	0.4403	0.9956	0.4117	0.0158	0.7858	0.2773	0.0226	0.6321
24.9	0.3678	0.9946	0.3438	0.0561	0.7126	0.1510	0.0656	0.5311
25.0	0.1929	0.9933	0.2156	0.2439	0.6138	0.0973	0.2448	0.7038
25.1	0.1860	0.9916	0.1938	0.2893	0.5637	0.1466	0.2949	0.6588

25.2	0.3495	0.9929	0.2580	0.3230	0.6234	0.1892	0.3185	0.5764
25.3	0.3965	0.9936	0.2911	0.3311	0.6527	0.2104	0.3173	0.5500
25.4	0.4879	0.9939	0.2332	0.3812	0.5935	0.1663	0.3654	0.4673
25.5	0.4021	0.9919	0.0989	0.4785	0.4802	0.0251	0.4779	0.4376
25.6	0.4700	0.9928	0.1562	0.5340	0.5416	0.0455	0.5383	0.4758
25.7	0.5189	0.9915	0.1985	0.4702	0.5115	0.1085	0.4705	0.3100
25.8	0.5843	0.9936	0.2910	0.5648	0.5827	0.1739	0.5563	0.2888
25.9	0.7115	0.9951	0.3453	0.7043	0.6332	0.1916	0.7118	0.2295
26.0	0.6289	0.9945	0.3466	0.7094	0.6152	0.1281	0.7203	0.3264
26.1	0.6242	0.9949	0.3070	0.6746	0.5877	0.0679	0.6616	0.4107
26.2	0.6306	0.9959	0.1686	0.7320	0.4982	0.0598	0.7040	0.4764
26.3	0.6397	0.9943	0.1929	0.6858	0.3855	0.0688	0.6712	0.3653
26.4	0.7623	0.9946	0.2394	0.7641	0.3193	0.0850	0.7569	0.1371
26.5	0.8026	0.9943	0.2634	0.7889	0.3638	0.1596	0.7853	0.0980
26.6	0.8036	0.9953	0.2916	0.8161	0.3712	0.1263	0.8111	0.1202
26.7	0.7744	0.9950	0.2207	0.7840	0.3892	0.0842	0.7748	0.1760
26.8	0.8425	0.9958	0.1788	0.8268	0.3177	0.0670	0.8331	0.1041
26.9	0.8474	0.9930	0.1368	0.8482	0.2069	0.0356	0.8564	0.0681
27.0	0.8725	0.9938	0.1814	0.9091	0.2460	0.0695	0.9186	0.1622
27.1	0.8572	0.9922	0.0679	0.8839	0.2215	0.0147	0.8850	0.1426
27.2	0.8788	0.9904	0.0822	0.8808	0.2088	0.0497	0.8668	0.1662
27.3	0.8977	0.9915	0.2686	0.9070	0.3720	0.0863	0.8997	0.1676
27.4	0.9222	0.9911	0.1920	0.8799	0.3048	0.1070	0.8740	0.1986
27.5	0.9132	0.9888	0.1250	0.8188	0.3638	0.0404	0.8131	0.3220
27.6	0.8981	0.9865	0.0340	0.7981	0.3660	0.0696	0.7926	0.4442
27.7	0.8931	0.9848	0.0105	0.7706	0.3179	0.1095	0.7604	0.4040
27.8	0.8813	0.9859	0.0352	0.7254	0.3844	0.0651	0.7388	0.4135
27.9	0.8721	0.9859	0.0427	0.7877	0.5171	0.0350	0.7929	0.4890
28.0	0.8994	0.9888	0.1475	0.8537	0.6748	0.0551	0.8480	0.5914
28.1	0.9324	0.9935	0.2545	0.9106	0.7649	0.1647	0.9034	0.6899
28.2	0.9335	0.9953	0.4072	0.9423	0.8557	0.2657	0.9361	0.7536
28.3	0.9231	0.9954	0.3041	0.9373	0.8741	0.3209	0.9386	0.7690
28.4	0.8964	0.9919	0.0778	0.9196	0.8202	0.0719	0.9113	0.6694
28.5	0.8942	0.9918	0.0390	0.9211	0.7751	0.0833	0.9147	0.6772
28.6	0.9100	0.9947	0.0725	0.9381	0.8289	0.1856	0.9444	0.7860
28.7	0.8892	0.9941	0.0022	0.9304	0.7481	0.0892	0.9310	0.7425
28.8	0.9005	0.9935	0.0071	0.9272	0.7399	0.0732	0.9279	0.7474
28.9	0.9231	0.9956	0.0422	0.9493	0.7977	0.1488	0.9494	0.7519
29.0	0.9346	0.9957	0.0071	0.9501	0.8148	0.2420	0.9497	0.7959
29.1	0.9273	0.9957	0.0190	0.9598	0.7257	0.1255	0.9533	0.8274
29.2	0.9083	0.9942	0.0157	0.9402	0.5762	0.0472	0.9340	0.6758
29.3	0.9346	0.9963	0.0195	0.9538	0.6660	0.2282	0.9518	0.6205
29.4	0.9382	0.9965	0.0388	0.9528	0.6683	0.2355	0.9492	0.5780
29.5	0.9547	0.9975	0.1002	0.9605	0.6163	0.3217	0.9636	0.7262
29.6	0.9611	0.9978	0.1280	0.9625	0.7060	0.4225	0.9663	0.7851
29.7	0.9552	0.9971	0.1411	0.9551	0.7230	0.4543	0.9581	0.7511
29.8	0.9579	0.9980	0.0915	0.9619	0.6395	0.4187	0.9653	0.6376
29.9	0.9195	0.9982	0.0972	0.9258	0.4280	0.2637	0.9267	0.1738
30.0	0.9452	0.9986	0.1564	0.9341	0.4297	0.2919	0.9321	0.2940
30.1	0.9747	0.9989	0.3687	0.9674	0.6959	0.5736	0.9648	0.6588
30.2	0.9648	0.9987	0.4038	0.9625	0.6622	0.5819	0.9640	0.6254
30.3	0.9515	0.9979	0.4545	0.9475	0.6383	0.5823	0.9459	0.4111
30.4	0.9617	0.9981	0.4486	0.9473	0.6672	0.6765	0.9504	0.5391
30.5	0.9686	0.9988	0.5517	0.9480	0.6350	0.7039	0.9538	0.6410
30.6	0.9572	0.9986	0.6125	0.9440	0.6142	0.7304	0.9381	0.6581
30.7	0.9569	0.9984	0.6380	0.9318	0.7038	0.8072	0.9248	0.6880
30.8	0.9636	0.9987	0.6383	0.9049	0.6930	0.8419	0.9097	0.7790
30.9	0.9634	0.9986	0.6471	0.8497	0.6267	0.7954	0.8563	0.7695
31.0	0.9682	0.9986	0.6589	0.8902	0.6687	0.8323	0.8908	0.8319
31.1	0.9673	0.9984	0.7004	0.8879	0.6980	0.8499	0.8890	0.8539
31.2	0.9703	0.9983	0.8117	0.8969	0.7837	0.8822	0.8897	0.8811
31.3	0.9588	0.9983	0.8224	0.8781	0.7679	0.8812	0.8679	0.8874
31.4	0.9592	0.9985	0.8279	0.8726	0.7878	0.9120	0.8774	0.9097
31.5	0.9581	0.9986	0.8614	0.8961	0.8653	0.9193	0.9010	0.9338
31.6	0.9705	0.9982	0.8774	0.9050	0.8964	0.9242	0.9077	0.9438
31.7	0.9579	0.9979	0.9087	0.9374	0.8778	0.9221	0.9391	0.9371
31.8	0.9525	0.9977	0.9052	0.9505	0.8668	0.9533	0.9502	0.9511
31.9	0.9520	0.9970	0.8824	0.9376	0.8660	0.9446	0.9361	0.9532
32.0	0.9520	0.9964	0.8596	0.9420	0.9011	0.9360	0.9384	0.9461
32.1	0.9542	0.9966	0.8686	0.9555	0.9002	0.9504	0.9549	0.9550
32.2	0.9608	0.9969	0.8774	0.9445	0.9034	0.9464	0.9455	0.9635
32.3	0.9507	0.9967	0.8412	0.9469	0.8909	0.9398	0.9435	0.9587
32.4	0.9463	0.9956	0.8149	0.9455	0.8796	0.9336	0.9447	0.9578
32.5	0.9418	0.9948	0.8261	0.9478	0.8887	0.9299	0.9482	0.9586
32.6	0.9500	0.9949	0.8703	0.9608	0.9164	0.9523	0.9595	0.9626
32.7	0.9440	0.9931	0.8307	0.9415	0.9220	0.9327	0.9403	0.9551
32.8	0.9471	0.9933	0.8153	0.9495	0.9223	0.9364	0.9494	0.9588
32.9	0.9410	0.9924	0.7841	0.9422	0.9028	0.9211	0.9379	0.9513
33.0	0.9064	0.9877	0.6878	0.9152	0.8498	0.8863	0.9085	0.9199
33.1	0.9310	0.9902	0.6967	0.9262	0.8805	0.9002	0.9215	0.9382
33.2	0.9397	0.9917	0.6521	0.9282	0.8857	0.9016	0.9210	0.9475
33.3	0.9591	0.9937	0.6841	0.9362	0.9190	0.9239	0.9319	0.9622
33.4	0.9495	0.9922	0.6552	0.9372	0.9034	0.9367	0.9323	0.9569
33.5	0.9466	0.9921	0.5887	0.9409	0.9048	0.9613	0.9332	0.9622
33.6	0.9451	0.9916	0.3569	0.9266	0.8973	0.9533	0.9207	0.9676
33.7	0.9378	0.9918	0.2078	0.9274	0.8289	0.9541	0.9218	0.9670

33.8	0.9416	0.9920	0.2383	0.9482	0.7875	0.9536	0.9475	0.9652
33.9	0.9374	0.9922	0.2111	0.9379	0.6962	0.9413	0.9392	0.9583
34.0	0.9464	0.9944	0.4672	0.9486	0.6707	0.9577	0.9510	0.9669
34.1	0.9394	0.9935	0.6107	0.9477	0.6628	0.9515	0.9542	0.9638
34.2	0.9272	0.9930	0.6441	0.9407	0.7213	0.9307	0.9492	0.9471
34.3	0.9230	0.9937	0.7732	0.9438	0.8718	0.9301	0.9489	0.9379
34.4	0.9401	0.9946	0.8141	0.9432	0.9082	0.9350	0.9497	0.9464
34.5	0.9434	0.9951	0.7823	0.9492	0.8965	0.9334	0.9540	0.9483
34.6	0.9538	0.9956	0.8260	0.9622	0.9223	0.9386	0.9665	0.9548
34.7	0.9608	0.9958	0.8607	0.9609	0.9269	0.9367	0.9666	0.9494
34.8	0.9624	0.9955	0.8805	0.9604	0.9412	0.9384	0.9641	0.9434
34.9	0.9677	0.9972	0.9213	0.9719	0.9700	0.9535	0.9762	0.9622
35.0	0.9550	0.9972	0.9080	0.9687	0.9645	0.9417	0.9689	0.9471
35.1	0.9616	0.9969	0.9054	0.9761	0.9622	0.9190	0.9729	0.9506
35.2	0.9753	0.9976	0.9313	0.9850	0.9803	0.9224	0.9857	0.9731
35.3	0.9799	0.9980	0.9320	0.9833	0.9788	0.9277	0.9838	0.9783
35.4	0.9825	0.9982	0.9353	0.9839	0.9785	0.9364	0.9837	0.9796
35.5	0.9883	0.9984	0.9475	0.9861	0.9863	0.9301	0.9875	0.9827
35.6	0.9817	0.9979	0.9289	0.9823	0.9794	0.9110	0.9827	0.9737
35.7	0.9793	0.9982	0.9122	0.9839	0.9806	0.8790	0.9815	0.9730
35.8	0.9796	0.9980	0.8914	0.9841	0.9761	0.8612	0.9819	0.9713
35.9	0.9788	0.9981	0.9095	0.9866	0.9823	0.8974	0.9855	0.9761
36.0	0.9757	0.9980	0.9105	0.9860	0.9817	0.8896	0.9840	0.9724
36.1	0.9787	0.9976	0.9110	0.9812	0.9823	0.8823	0.9807	0.9642
36.2	0.9833	0.9981	0.9386	0.9836	0.9834	0.9222	0.9828	0.9714
36.3	0.9799	0.9984	0.9402	0.9833	0.9849	0.9059	0.9843	0.9653
36.4	0.9773	0.9983	0.9112	0.9840	0.9823	0.8972	0.9858	0.9677
36.5	0.9867	0.9990	0.9380	0.9860	0.9886	0.9305	0.9864	0.9758
36.6	0.9865	0.9989	0.9430	0.9825	0.9886	0.9232	0.9831	0.9666
36.7	0.9852	0.9985	0.9283	0.9771	0.9849	0.8724	0.9787	0.9632
36.8	0.9797	0.9981	0.9150	0.9724	0.9847	0.8044	0.9746	0.9561
36.9	0.9780	0.9979	0.9118	0.9668	0.9848	0.7980	0.9723	0.9550
37.0	0.9695	0.9980	0.8741	0.9642	0.9815	0.6845	0.9685	0.9204
37.1	0.9693	0.9980	0.9037	0.9698	0.9850	0.6386	0.9704	0.9274
37.2	0.9667	0.9977	0.8931	0.9573	0.9842	0.6385	0.9593	0.9278
37.3	0.9721	0.9978	0.8714	0.9534	0.9843	0.6971	0.9552	0.9491
37.4	0.9549	0.9966	0.7840	0.9362	0.9629	0.5999	0.9373	0.9203
37.5	0.9497	0.9975	0.8604	0.9542	0.9774	0.7672	0.9535	0.9460
37.6	0.9659	0.9981	0.9287	0.9675	0.9860	0.8264	0.9657	0.9587
37.7	0.9607	0.9979	0.9027	0.9608	0.9780	0.7683	0.9602	0.9535
37.8	0.9648	0.9981	0.8908	0.9600	0.9786	0.7846	0.9558	0.9650
37.9	0.9579	0.9978	0.8852	0.9569	0.9818	0.8315	0.9511	0.9617
38.0	0.9291	0.9970	0.8911	0.9492	0.9811	0.8210	0.9427	0.9550
38.1	0.9328	0.9969	0.8891	0.9383	0.9750	0.7685	0.9326	0.9332
38.2	0.9434	0.9977	0.8569	0.9388	0.9694	0.8332	0.9419	0.9461
38.3	0.9479	0.9975	0.8483	0.9307	0.9781	0.8860	0.9253	0.9599
38.4	0.9344	0.9965	0.8377	0.9143	0.9729	0.8811	0.9111	0.9540
38.5	0.9245	0.9959	0.8030	0.9236	0.9673	0.8833	0.9197	0.9474
38.6	0.9424	0.9968	0.8446	0.9453	0.9779	0.8771	0.9345	0.9615
38.7	0.9584	0.9980	0.8893	0.9402	0.9846	0.8913	0.9422	0.9738
38.8	0.9499	0.9969	0.8767	0.9286	0.9769	0.8860	0.9312	0.9616
38.9	0.9163	0.9953	0.8869	0.9127	0.9762	0.8702	0.9109	0.9528
39.0	0.9129	0.9952	0.8735	0.9475	0.9715	0.8797	0.9389	0.9504
39.1	0.9126	0.9965	0.8580	0.9464	0.9757	0.8432	0.9404	0.9608
39.2	0.8992	0.9957	0.8692	0.9535	0.9771	0.8257	0.9468	0.9619
39.3	0.9178	0.9958	0.9106	0.9619	0.9817	0.8773	0.9625	0.9675
39.4	0.8903	0.9942	0.8985	0.9599	0.9818	0.7676	0.9558	0.9677
39.5	0.8638	0.9925	0.8672	0.9401	0.9769	0.5748	0.9389	0.9595
39.6	0.8982	0.9937	0.8914	0.9550	0.9807	0.5952	0.9565	0.9618
39.7	0.8668	0.9942	0.8767	0.9491	0.9765	0.5728	0.9502	0.9659
39.8	0.8749	0.9958	0.8612	0.9447	0.9763	0.4956	0.9486	0.9681
39.9	0.8939	0.9966	0.8569	0.9588	0.9711	0.4681	0.9664	0.9645
40.0	0.8770	0.9960	0.8257	0.9600	0.9777	0.1576	0.9604	0.9730
40.1	0.8431	0.9963	0.8617	0.9682	0.9788	0.1143	0.9695	0.9761
40.2	0.8303	0.9959	0.8181	0.9565	0.9715	0.0697	0.9618	0.9697
40.3	0.8780	0.9966	0.8501	0.9666	0.9701	0.0046	0.9691	0.9752
40.4	0.8163	0.9967	0.8602	0.9621	0.9657	0.0112	0.9640	0.9696
40.5	0.8154	0.9969	0.8612	0.9523	0.9650	0.0808	0.9549	0.9688
40.6	0.8057	0.9962	0.8178	0.9434	0.9670	0.0540	0.9432	0.9721
40.7	0.7750	0.9958	0.7708	0.9447	0.9690	0.1943	0.9434	0.9723
40.8	0.8414	0.9971	0.8795	0.9532	0.9689	0.2281	0.9523	0.9698
40.9	0.8227	0.9973	0.8688	0.9635	0.9675	0.4623	0.9629	0.9745
41.0	0.8417	0.9971	0.8332	0.9671	0.9617	0.4276	0.9660	0.9786
41.1	0.8350	0.9969	0.7630	0.9486	0.9604	0.4415	0.9459	0.9768
41.2	0.8471	0.9966	0.8149	0.9585	0.9632	0.6202	0.9587	0.9719
41.3	0.8392	0.9975	0.8359	0.9574	0.9592	0.6630	0.9615	0.9740
41.4	0.8424	0.9978	0.8565	0.9652	0.9622	0.7661	0.9647	0.9807
41.5	0.8308	0.9980	0.8414	0.9597	0.9599	0.7575	0.9562	0.9796
41.6	0.8247	0.9981	0.8098	0.9521	0.9520	0.7476	0.9529	0.9753
41.7	0.8085	0.9980	0.7798	0.9612	0.9576	0.8428	0.9637	0.9785
41.8	0.8258	0.9987	0.8362	0.9725	0.9688	0.9011	0.9742	0.9852
41.9	0.8667	0.9987	0.8494	0.9674	0.9639	0.9098	0.9660	0.9844
42.0	0.8005	0.9984	0.7965	0.9561	0.9521	0.8972	0.9523	0.9781
42.1	0.7620	0.9983	0.8117	0.9521	0.9658	0.8906	0.9477	0.9834
42.2	0.8139	0.9976	0.8250	0.9512	0.9612	0.8668	0.9466	0.9780
42.3	0.7938	0.9981	0.8686	0.9514	0.9668	0.8934	0.9521	0.9834

42.4	0.7782	0.9979	0.7949	0.9417	0.9612	0.8871	0.9401	0.9791
42.5	0.7726	0.9984	0.8442	0.9445	0.9610	0.9017	0.9386	0.9785
42.6	0.7512	0.9986	0.8673	0.9376	0.9531	0.9210	0.9365	0.9718
42.7	0.6952	0.9986	0.8612	0.9470	0.9610	0.9127	0.9472	0.9794
42.8	0.7362	0.9989	0.8634	0.9421	0.9703	0.9186	0.9386	0.9819
42.9	0.7554	0.9989	0.8601	0.9493	0.9731	0.9204	0.9456	0.9857
43.0	0.6479	0.9990	0.8637	0.9562	0.9706	0.9336	0.9529	0.9834
43.1	0.5787	0.9992	0.8794	0.9549	0.9699	0.9142	0.9529	0.9851
43.2	0.6307	0.9992	0.9110	0.9664	0.9696	0.9113	0.9674	0.9899
43.3	0.6654	0.9989	0.9279	0.9642	0.9612	0.8861	0.9621	0.9890
43.4	0.6275	0.9992	0.9219	0.9719	0.9741	0.8900	0.9692	0.9875
43.5	0.4950	0.9992	0.9239	0.9680	0.9700	0.9045	0.9668	0.9861
43.6	0.5548	0.9993	0.9304	0.9736	0.9789	0.9261	0.9757	0.9893
43.7	0.4618	0.9987	0.9175	0.9586	0.9613	0.8834	0.9601	0.9779
43.8	0.4023	0.9989	0.9111	0.9542	0.9410	0.8615	0.9540	0.9598
43.9	0.3458	0.9989	0.9299	0.9702	0.9672	0.8992	0.9703	0.9817
44.0	0.3979	0.9992	0.9474	0.9833	0.9836	0.9417	0.9828	0.9911
44.1	0.4940	0.9993	0.9618	0.9885	0.9856	0.9604	0.9875	0.9887
44.2	0.2584	0.9993	0.9332	0.9824	0.9712	0.9482	0.9816	0.9778
44.3	0.2359	0.9990	0.9359	0.9810	0.9774	0.9355	0.9792	0.9835
44.4	0.2951	0.9990	0.8987	0.9619	0.9458	0.9116	0.9608	0.9466
44.5	0.3992	0.9993	0.9115	0.9633	0.9028	0.9076	0.9618	0.9282
44.6	0.2123	0.9992	0.8877	0.9595	0.9440	0.9219	0.9569	0.9568
44.7	0.1324	0.9991	0.9019	0.9445	0.9518	0.9156	0.9430	0.9638
44.8	0.0577	0.9991	0.8865	0.9351	0.9542	0.9076	0.9338	0.9679
44.9	0.0075	0.9992	0.8990	0.9651	0.9762	0.9245	0.9599	0.9853
45.0	0.0870	0.9993	0.9025	0.9754	0.9720	0.9345	0.9716	0.9838
45.1	0.0303	0.9992	0.9159	0.9701	0.9733	0.9242	0.9664	0.9854
45.2	0.1742	0.9994	0.9444	0.9730	0.9777	0.9313	0.9709	0.9887
45.3	0.2583	0.9992	0.9411	0.9688	0.9820	0.9282	0.9688	0.9897
45.4	0.2570	0.9990	0.9498	0.9783	0.9791	0.9418	0.9784	0.9931
45.5	0.1730	0.9991	0.9384	0.9852	0.9808	0.9429	0.9845	0.9906
45.6	0.3068	0.9992	0.9148	0.9843	0.9832	0.9564	0.9834	0.9891
45.7	0.3825	0.9991	0.9035	0.9576	0.9614	0.9341	0.9578	0.9687
45.8	0.1638	0.9987	0.9040	0.9348	0.9188	0.9214	0.9332	0.9413
45.9	0.1150	0.9989	0.8991	0.9418	0.9323	0.9373	0.9417	0.9439
46.0	0.2671	0.9990	0.9527	0.9560	0.9638	0.9302	0.9546	0.9794
46.1	0.3252	0.9989	0.9458	0.9709	0.9771	0.9517	0.9701	0.9816
46.2	0.1320	0.9984	0.9143	0.9530	0.9579	0.9277	0.9526	0.9727
46.3	0.0303	0.9989	0.9505	0.9799	0.9556	0.9495	0.9790	0.9753
46.4	0.0357	0.9987	0.9345	0.9634	0.9391	0.9347	0.9640	0.9543
46.5	0.3624	0.9984	0.8903	0.8877	0.9180	0.9193	0.8831	0.9445
46.6	0.5967	0.9984	0.8933	0.7964	0.9210	0.9178	0.7987	0.9627
46.7	0.7242	0.9988	0.8909	0.9408	0.9416	0.8989	0.9429	0.9779
46.8	0.7502	0.9990	0.9388	0.9734	0.9621	0.8973	0.9721	0.9826
46.9	0.7280	0.9990	0.9456	0.9744	0.9709	0.9003	0.9750	0.9805
47.0	0.6586	0.9987	0.9251	0.9643	0.9525	0.8976	0.9641	0.9623
47.1	0.7202	0.9987	0.9122	0.9139	0.8693	0.8875	0.9117	0.9365
47.2	0.7566	0.9989	0.8776	0.8607	0.7892	0.8158	0.8645	0.8914
47.3	0.8001	0.9991	0.9097	0.9255	0.9077	0.6467	0.9274	0.9325
47.4	0.8191	0.9991	0.9235	0.9733	0.9659	0.7734	0.9729	0.9793
47.5	0.8351	0.9992	0.9400	0.9827	0.9762	0.9086	0.9803	0.9668
47.6	0.8262	0.9991	0.9482	0.9722	0.9527	0.9353	0.9698	0.9520
47.7	0.8070	0.9991	0.9495	0.9639	0.9265	0.9357	0.9616	0.9225
47.8	0.7468	0.9992	0.9504	0.9781	0.9381	0.9403	0.9773	0.9159
47.9	0.7510	0.9990	0.8742	0.9440	0.8379	0.8807	0.9421	0.7788
48.0	0.8307	0.9990	0.8946	0.9643	0.9197	0.8950	0.9614	0.8836
48.1	0.8444	0.9988	0.9004	0.8889	0.8633	0.8694	0.8874	0.8560
48.2	0.8304	0.9991	0.9069	0.9242	0.9349	0.9185	0.9231	0.9208
48.3	0.7529	0.9992	0.9380	0.9577	0.9741	0.9477	0.9557	0.9558
48.4	0.5808	0.9988	0.8878	0.9424	0.9361	0.8900	0.9373	0.9134
48.5	0.6086	0.9989	0.8140	0.9401	0.9021	0.8791	0.9351	0.8754
48.6	0.6827	0.9991	0.9128	0.9697	0.9410	0.8868	0.9651	0.9316
48.7	0.7276	0.9992	0.9203	0.9734	0.9460	0.8537	0.9705	0.9501
48.8	0.7230	0.9993	0.9348	0.9806	0.9683	0.8841	0.9768	0.9667
48.9	0.6795	0.9993	0.8405	0.9147	0.9442	0.8902	0.8934	0.8484
49.0	0.6964	0.9992	0.7497	0.8945	0.9517	0.8881	0.8713	0.9127
49.1	0.7957	0.9994	0.9292	0.9751	0.9787	0.9338	0.9695	0.9764
49.2	0.8094	0.9995	0.9395	0.9701	0.9726	0.9079	0.9696	0.9653
49.3	0.8271	0.9994	0.9364	0.9807	0.9820	0.9424	0.9771	0.9674
49.4	0.7614	0.9993	0.9378	0.9768	0.9724	0.9354	0.9715	0.9582
49.5	0.7687	0.9993	0.9467	0.9501	0.9672	0.8993	0.9449	0.9354
49.6	0.8316	0.9994	0.9348	0.9585	0.9834	0.9289	0.9528	0.9638
49.7	0.7941	0.9993	0.9418	0.9782	0.9899	0.9223	0.9740	0.9807
49.8	0.7880	0.9994	0.9603	0.9840	0.9913	0.9290	0.9837	0.9866
49.9	0.7782	0.9994	0.9482	0.9225	0.9527	0.8746	0.9257	0.9487
50.0	0.8083	0.9993	0.9149	0.8798	0.8932	0.7504	0.8804	0.8895
50.1	0.8130	0.9990	0.9341	0.9540	0.9485	0.8378	0.9510	0.9469
50.2	0.7990	0.9992	0.9519	0.9611	0.9641	0.9165	0.9578	0.9569
50.3	0.7762	0.9995	0.9459	0.9408	0.9463	0.8800	0.9363	0.9233
50.4	0.6603	0.9995	0.9307	0.9256	0.9213	0.8198	0.9180	0.8681
50.5	0.5914	0.9994	0.9354	0.9519	0.9633	0.8055	0.9486	0.9556
50.6	0.7034	0.9994	0.9517	0.9790	0.9858	0.8280	0.9769	0.9813
50.7	0.6440	0.9992	0.9464	0.9815	0.9878	0.8307	0.9783	0.9836
50.8	0.5615	0.9995	0.9660	0.9855	0.9877	0.8536	0.9854	0.9897
50.9	0.4460	0.9993	0.9576	0.9783	0.9754	0.7979	0.9786	0.9819

51.0	0.3929	0.9991	0.9461	0.9264	0.9383	0.5710	0.9276	0.9316
51.1	0.6911	0.9989	0.9326	0.9294	0.9318	0.7304	0.9281	0.9199
51.2	0.7887	0.9995	0.9503	0.9587	0.9540	0.8665	0.9563	0.9428
51.3	0.8233	0.9995	0.9532	0.9432	0.9583	0.8308	0.9393	0.9358
51.4	0.7416	0.9991	0.9479	0.9533	0.9585	0.8547	0.9512	0.9483
51.5	0.5563	0.9992	0.9302	0.9479	0.9550	0.8339	0.9459	0.9453
51.6	0.7846	0.9992	0.9215	0.9118	0.9400	0.8327	0.9099	0.9317
51.7	0.8347	0.9993	0.9541	0.9496	0.9689	0.9059	0.9482	0.9633
51.8	0.8616	0.9993	0.9704	0.9786	0.9797	0.9205	0.9778	0.9817
51.9	0.8347	0.9989	0.9493	0.9562	0.9631	0.8810	0.9564	0.9554
52.0	0.8022	0.9985	0.9343	0.9408	0.9530	0.8884	0.9394	0.9390
52.1	0.7926	0.9990	0.9533	0.9456	0.9605	0.8923	0.9442	0.9398
52.2	0.8300	0.9992	0.9709	0.9694	0.9793	0.8895	0.9677	0.9662
52.3	0.8455	0.9989	0.9625	0.9756	0.9696	0.9080	0.9745	0.9673
52.4	0.7104	0.9988	0.9636	0.9571	0.9504	0.8998	0.9567	0.9373
52.5	0.6352	0.9987	0.9657	0.9586	0.9496	0.9158	0.9572	0.9347
52.6	0.7638	0.9991	0.9742	0.9824	0.9772	0.9656	0.9810	0.9704
52.7	0.7982	0.9988	0.9425	0.9234	0.9405	0.9320	0.9220	0.9255
52.8	0.8998	0.9990	0.9503	0.9340	0.9430	0.9243	0.9336	0.9352
52.9	0.8789	0.9992	0.9661	0.9553	0.9621	0.9393	0.9548	0.9546
53.0	0.8809	0.9992	0.9791	0.9854	0.9847	0.9676	0.9850	0.9823
53.1	0.8606	0.9988	0.9632	0.9682	0.9322	0.9151	0.9688	0.9509
53.2	0.8929	0.9987	0.9663	0.9674	0.9469	0.9169	0.9684	0.9595
53.3	0.8856	0.9992	0.9775	0.9878	0.9848	0.9654	0.9871	0.9794
53.4	0.9248	0.9993	0.9831	0.9920	0.9913	0.9827	0.9912	0.9853
53.5	0.9223	0.9994	0.9854	0.9872	0.9818	0.9837	0.9865	0.9770
53.6	0.8716	0.9995	0.9839	0.9708	0.9661	0.9786	0.9707	0.9581
53.7	0.9200	0.9992	0.9730	0.9674	0.9557	0.9637	0.9673	0.9602
53.8	0.9520	0.9986	0.9576	0.9570	0.9414	0.9492	0.9574	0.9499
53.9	0.9594	0.9991	0.9846	0.9835	0.9835	0.9781	0.9837	0.9847
54.0	0.9555	0.9989	0.9902	0.9892	0.9900	0.9822	0.9893	0.9878
54.1	0.8459	0.9983	0.9654	0.9631	0.9673	0.9585	0.9627	0.9599
54.2	0.8165	0.9973	0.9229	0.9184	0.9208	0.9112	0.9171	0.8856
54.3	0.9150	0.9979	0.9610	0.9600	0.9584	0.9525	0.9598	0.9392
54.4	0.9638	0.9989	0.9916	0.9893	0.9898	0.9808	0.9895	0.9900
54.5	0.9704	0.9989	0.9909	0.9908	0.9918	0.9846	0.9908	0.9907
54.6	0.9681	0.9983	0.9830	0.9825	0.9785	0.9746	0.9825	0.9754
54.7	0.9557	0.9980	0.9682	0.9697	0.9419	0.9606	0.9690	0.9264
54.8	0.9522	0.9981	0.9563	0.9594	0.9240	0.9528	0.9603	0.9328
54.9	0.9619	0.9986	0.9765	0.9762	0.9617	0.9717	0.9769	0.9699
55.0	0.9626	0.9990	0.9882	0.9883	0.9850	0.9839	0.9886	0.9860
55.1	0.9669	0.9991	0.9935	0.9909	0.9898	0.9838	0.9914	0.9933
55.2	0.9526	0.9990	0.9936	0.9906	0.9922	0.9844	0.9908	0.9896
55.3	0.9436	0.9987	0.9915	0.9890	0.9879	0.9826	0.9891	0.9891
55.4	0.9215	0.9986	0.9890	0.9856	0.9855	0.9836	0.9858	0.9855
55.5	0.8508	0.9982	0.9702	0.9589	0.9519	0.9634	0.9592	0.9585
55.6	0.9190	0.9990	0.9809	0.9718	0.9639	0.9695	0.9720	0.9713
55.7	0.9581	0.9994	0.9949	0.9924	0.9899	0.9881	0.9924	0.9919
55.8	0.9585	0.9992	0.9954	0.9935	0.9929	0.9891	0.9937	0.9933
55.9	0.9458	0.9991	0.9956	0.9929	0.9903	0.9873	0.9931	0.9920
56.0	0.8411	0.9971	0.9609	0.9239	0.9005	0.9257	0.9249	0.9151
56.1	0.8792	0.9978	0.9354	0.8993	0.8815	0.9116	0.8999	0.8893
56.2	0.9484	0.9992	0.9840	0.9767	0.9742	0.9761	0.9769	0.9775
56.3	0.9470	0.9992	0.9954	0.9946	0.9946	0.9918	0.9947	0.9940
56.4	0.9385	0.9989	0.9960	0.9939	0.9934	0.9862	0.9942	0.9943
56.5	0.9389	0.9988	0.9951	0.9942	0.9931	0.9861	0.9945	0.9952
56.6	0.9378	0.9992	0.9960	0.9952	0.9945	0.9892	0.9954	0.9960
56.7	0.9441	0.9990	0.9966	0.9960	0.9951	0.9899	0.9963	0.9966
56.8	0.9412	0.9985	0.9952	0.9946	0.9920	0.9844	0.9950	0.9947
56.9	0.9327	0.9980	0.9951	0.9938	0.9894	0.9813	0.9944	0.9938
57.0	0.9471	0.9988	0.9959	0.9952	0.9899	0.9864	0.9956	0.9945
57.1	0.9350	0.9985	0.9937	0.9909	0.9753	0.9839	0.9915	0.9860
57.2	0.9213	0.9978	0.9667	0.9492	0.8976	0.9562	0.9499	0.9334
57.3	0.9484	0.9983	0.9826	0.9764	0.9583	0.9746	0.9769	0.9696
57.4	0.9617	0.9983	0.9921	0.9897	0.9822	0.9840	0.9900	0.9878
57.5	0.9584	0.9981	0.9947	0.9922	0.9899	0.9841	0.9927	0.9923
57.6	0.9506	0.9978	0.9959	0.9934	0.9906	0.9844	0.9939	0.9934
57.7	0.9688	0.9982	0.9960	0.9945	0.9931	0.9884	0.9946	0.9928
57.8	0.9617	0.9977	0.9959	0.9944	0.9928	0.9877	0.9947	0.9937
57.9	0.9552	0.9972	0.9938	0.9922	0.9907	0.9845	0.9926	0.9917
58.0	0.9501	0.9961	0.9942	0.9917	0.9889	0.9817	0.9919	0.9915
58.1	0.9654	0.9973	0.9957	0.9940	0.9927	0.9865	0.9942	0.9933
58.2	0.9656	0.9966	0.9949	0.9924	0.9903	0.9850	0.9927	0.9911
58.3	0.9599	0.9958	0.9933	0.9921	0.9905	0.9868	0.9922	0.9888
58.4	0.9587	0.9947	0.9929	0.9903	0.9864	0.9833	0.9905	0.9870
58.5	0.9662	0.9956	0.9946	0.9913	0.9847	0.9843	0.9915	0.9833
58.6	0.9684	0.9947	0.9909	0.9862	0.9795	0.9749	0.9865	0.9760
58.7	0.9613	0.9940	0.9930	0.9900	0.9857	0.9799	0.9904	0.9865
58.8	0.9647	0.9935	0.9928	0.9897	0.9864	0.9801	0.9899	0.9847
58.9	0.9727	0.9926	0.9946	0.9881	0.9821	0.9740	0.9889	0.9868
59.0	0.9448	0.9886	0.9897	0.9820	0.9764	0.9668	0.9830	0.9824
59.1	0.9355	0.9875	0.9878	0.9810	0.9781	0.9663	0.9815	0.9748
59.2	0.9442	0.9857	0.9885	0.9831	0.9775	0.9674	0.9837	0.9811
59.3	0.9518	0.9871	0.9903	0.9865	0.9821	0.9752	0.9868	0.9825
59.4	0.9680	0.9888	0.9914	0.9882	0.9858	0.9803	0.9885	0.9877
59.5	0.9577	0.9829	0.9868	0.9825	0.9778	0.9697	0.9830	0.9823

59.6	0.9412	0.9776	0.9861	0.9804	0.9739	0.9640	0.9813	0.9815
59.7	0.9563	0.9791	0.9874	0.9819	0.9767	0.9650	0.9823	0.9770
59.8	0.9504	0.9766	0.9869	0.9799	0.9745	0.9590	0.9806	0.9774
59.9	0.9340	0.9725	0.9776	0.9780	0.9746	0.9611	0.9791	0.9742
60.0	0.9320	0.9762	0.9535	0.9760	0.9788	0.9604	0.9819	0.9729
60.1	0.9456	0.9641	0.9716	0.9719	0.9687	0.9449	0.9751	0.9689
60.2	0.9293	0.9617	0.9831	0.9741	0.9670	0.9448	0.9756	0.9731
60.3	0.9350	0.9610	0.9807	0.9737	0.9709	0.9496	0.9746	0.9706
60.4	0.9294	0.9590	0.9783	0.9740	0.9714	0.9525	0.9744	0.9654
60.5	0.9273	0.9611	0.9808	0.9776	0.9733	0.9581	0.9782	0.9619
60.6	0.9094	0.9676	0.9841	0.9809	0.9793	0.9655	0.9814	0.9681
60.7	0.8313	0.9593	0.9811	0.9742	0.9727	0.9497	0.9758	0.9585
60.8	0.8329	0.9530	0.9753	0.9675	0.9694	0.9348	0.9690	0.9485
60.9	0.8275	0.9394	0.9738	0.9642	0.9679	0.9287	0.9646	0.9376
61.0	0.7930	0.9445	0.9765	0.9671	0.9708	0.9291	0.9676	0.9367
61.1	0.7829	0.9519	0.9756	0.9639	0.9679	0.9147	0.9656	0.9331
61.2	0.8044	0.9554	0.9789	0.9651	0.9717	0.9129	0.9665	0.9212
61.3	0.7962	0.9636	0.9832	0.9670	0.9775	0.9098	0.9677	0.9020
61.4	0.7511	0.9456	0.9777	0.9584	0.9721	0.8890	0.9599	0.8605
61.5	0.8273	0.9602	0.9812	0.9662	0.9784	0.9127	0.9662	0.8334
61.6	0.8122	0.9639	0.9828	0.9688	0.9801	0.9095	0.9692	0.8342
61.7	0.7399	0.9493	0.9748	0.9552	0.9729	0.8673	0.9560	0.7332
61.8	0.7310	0.9612	0.9778	0.9546	0.9770	0.8434	0.9548	0.6378
61.9	0.7995	0.9709	0.9842	0.9661	0.9835	0.8808	0.9658	0.4932
62.0	0.7300	0.9645	0.9807	0.9597	0.9817	0.8558	0.9588	0.4344
62.1	0.6095	0.9551	0.9732	0.9477	0.9751	0.8293	0.9465	0.1414
62.2	0.6864	0.9613	0.9771	0.9614	0.9772	0.8682	0.9612	0.0079
62.3	0.7184	0.9666	0.9809	0.9663	0.9798	0.8813	0.9661	0.1250
62.4	0.7455	0.9704	0.9792	0.9690	0.9811	0.8974	0.9676	0.4074
62.5	0.7931	0.9740	0.9814	0.9733	0.9850	0.9186	0.9720	0.5846
62.6	0.7854	0.9801	0.9858	0.9804	0.9897	0.9421	0.9795	0.6866
62.7	0.7553	0.9758	0.9840	0.9787	0.9868	0.9387	0.9782	0.7543
62.8	0.7647	0.9825	0.9875	0.9856	0.9891	0.9589	0.9856	0.8704
62.9	0.7959	0.9809	0.9859	0.9841	0.9880	0.9565	0.9838	0.8992
63.0	0.7451	0.9801	0.9869	0.9868	0.9886	0.9607	0.9864	0.9135
63.1	0.7898	0.9814	0.9859	0.9857	0.9886	0.9595	0.9856	0.9199
63.2	0.7362	0.9775	0.9815	0.9809	0.9863	0.9533	0.9805	0.9217
63.3	0.6823	0.9756	0.9810	0.9819	0.9871	0.9634	0.9818	0.9285
63.4	0.7696	0.9796	0.9872	0.9886	0.9909	0.9755	0.9883	0.9566
63.5	0.7237	0.9838	0.9895	0.9903	0.9918	0.9777	0.9900	0.9665
63.6	0.6789	0.9855	0.9900	0.9909	0.9926	0.9832	0.9905	0.9715
63.7	0.7440	0.9881	0.9914	0.9923	0.9936	0.9859	0.9921	0.9794
63.8	0.7225	0.9871	0.9913	0.9932	0.9935	0.9878	0.9932	0.9844
63.9	0.5898	0.9851	0.9910	0.9930	0.9932	0.9862	0.9930	0.9843
64.0	0.5877	0.9843	0.9902	0.9917	0.9929	0.9825	0.9914	0.9826
64.1	0.5262	0.9817	0.9901	0.9919	0.9928	0.9823	0.9916	0.9787
64.2	0.4778	0.9809	0.9895	0.9921	0.9916	0.9801	0.9919	0.9794
64.3	0.5304	0.9805	0.9888	0.9919	0.9911	0.9822	0.9915	0.9824
64.4	0.6611	0.9789	0.9892	0.9922	0.9917	0.9842	0.9920	0.9853
64.5	0.7290	0.9785	0.9908	0.9933	0.9929	0.9863	0.9931	0.9907
64.6	0.7988	0.9799	0.9915	0.9932	0.9943	0.9888	0.9927	0.9924
64.7	0.8576	0.9804	0.9916	0.9925	0.9948	0.9852	0.9921	0.9883
64.8	0.8786	0.9818	0.9921	0.9927	0.9950	0.9863	0.9921	0.9898
64.9	0.8633	0.9788	0.9898	0.9909	0.9932	0.9874	0.9902	0.9909
65.0	0.8436	0.9767	0.9909	0.9922	0.9935	0.9872	0.9916	0.9925
65.1	0.8331	0.9745	0.9894	0.9909	0.9925	0.9832	0.9901	0.9903
65.2	0.8164	0.9626	0.9885	0.9882	0.9934	0.9796	0.9870	0.9889
65.3	0.8332	0.9695	0.9905	0.9911	0.9947	0.9865	0.9905	0.9915
65.4	0.8680	0.9751	0.9915	0.9919	0.9948	0.9860	0.9912	0.9916
65.5	0.8726	0.9720	0.9911	0.9920	0.9945	0.9868	0.9914	0.9929
65.6	0.9112	0.9714	0.9916	0.9919	0.9952	0.9901	0.9910	0.9941
65.7	0.9037	0.9650	0.9913	0.9898	0.9952	0.9903	0.9884	0.9942
65.8	0.8604	0.9496	0.9893	0.9871	0.9945	0.9880	0.9852	0.9933
65.9	0.8387	0.9258	0.9845	0.9820	0.9918	0.9850	0.9792	0.9905
66.0	0.8579	0.9326	0.9871	0.9861	0.9932	0.9853	0.9839	0.9919
66.1	0.8812	0.9363	0.9878	0.9860	0.9948	0.9808	0.9838	0.9920
66.2	0.8917	0.9340	0.9876	0.9829	0.9944	0.9779	0.9802	0.9932
66.3	0.9161	0.9401	0.9895	0.9826	0.9943	0.9789	0.9798	0.9949
66.4	0.9054	0.9008	0.9825	0.9731	0.9911	0.9763	0.9680	0.9911
66.5	0.8929	0.8867	0.9829	0.9721	0.9896	0.9644	0.9654	0.9885
66.6	0.9153	0.9107	0.9908	0.9800	0.9936	0.9721	0.9747	0.9899
66.7	0.9392	0.9393	0.9902	0.9810	0.9954	0.9827	0.9763	0.9942
66.8	0.9381	0.9112	0.9864	0.9753	0.9934	0.9819	0.9695	0.9919
66.9	0.9121	0.8221	0.9782	0.9577	0.9869	0.9644	0.9462	0.9858
67.0	0.9208	0.8350	0.9738	0.9544	0.9871	0.9646	0.9393	0.9854
67.1	0.9396	0.8906	0.9815	0.9602	0.9910	0.9738	0.9476	0.9902
67.2	0.9572	0.9249	0.9814	0.9649	0.9910	0.9795	0.9553	0.9923
67.3	0.9526	0.9307	0.9791	0.9617	0.9887	0.9787	0.9504	0.9920
67.4	0.9563	0.9335	0.9788	0.9607	0.9874	0.9753	0.9460	0.9922
67.5	0.9684	0.9154	0.9785	0.9410	0.9876	0.9778	0.9186	0.9911
67.6	0.9568	0.9259	0.9743	0.9239	0.9849	0.9743	0.8966	0.9907
67.7	0.9570	0.9308	0.9688	0.9196	0.9811	0.9754	0.8812	0.9882
67.8	0.9633	0.9506	0.9741	0.9286	0.9828	0.9819	0.8871	0.9909
67.9	0.9534	0.9557	0.9782	0.9332	0.9836	0.9837	0.8942	0.9927
68.0	0.9576	0.9605	0.9761	0.9350	0.9832	0.9880	0.8935	0.9935
68.1	0.9432	0.9532	0.9665	0.9098	0.9774	0.9802	0.8555	0.9905

68.2	0.9338	0.9483	0.9639	0.8986	0.9664	0.9791	0.8428	0.9902
68.3	0.9502	0.9570	0.9566	0.9279	0.9598	0.9844	0.8921	0.9916
68.4	0.9657	0.9607	0.9513	0.9455	0.9560	0.9878	0.9178	0.9916
68.5	0.9549	0.9523	0.9380	0.9383	0.9439	0.9853	0.9106	0.9885
68.6	0.9431	0.9584	0.9463	0.9318	0.9430	0.9807	0.9042	0.9872
68.7	0.9591	0.9799	0.9658	0.9484	0.9576	0.9882	0.9306	0.9930
68.8	0.9433	0.9692	0.9514	0.9479	0.9320	0.9857	0.9269	0.9905
68.9	0.9406	0.9721	0.9439	0.9543	0.9197	0.9853	0.9350	0.9913
69.0	0.9462	0.9838	0.9441	0.9672	0.9362	0.9892	0.9551	0.9934
69.1	0.9335	0.9779	0.9165	0.9654	0.8900	0.9885	0.9525	0.9920
69.2	0.9259	0.9753	0.8871	0.9537	0.8573	0.9874	0.9408	0.9907
69.3	0.9158	0.9801	0.8821	0.9544	0.8722	0.9900	0.9460	0.9918
69.4	0.8920	0.9792	0.8598	0.9519	0.8242	0.9859	0.9385	0.9886
69.5	0.8982	0.9752	0.8208	0.9395	0.7555	0.9832	0.9248	0.9856
69.6	0.9211	0.9790	0.7590	0.9363	0.7044	0.9879	0.9231	0.9882
69.7	0.9138	0.9841	0.7675	0.9479	0.7068	0.9900	0.9327	0.9912
69.8	0.9004	0.9808	0.6977	0.9436	0.5957	0.9857	0.9258	0.9879
69.9	0.8783	0.9834	0.6571	0.9359	0.5466	0.9849	0.9170	0.9877
70.0	0.8756	0.9851	0.6210	0.9184	0.4914	0.9868	0.8888	0.9882
70.1	0.8648	0.9872	0.5514	0.8991	0.3622	0.9853	0.8538	0.9885
70.2	0.8789	0.9872	0.4091	0.8810	0.2569	0.9837	0.8226	0.9867
70.3	0.8454	0.9838	0.3597	0.8497	0.2184	0.9799	0.7934	0.9821
70.4	0.8359	0.9827	0.2204	0.8256	0.1539	0.9765	0.7586	0.9764
70.5	0.8627	0.9849	0.1748	0.7840	0.0976	0.9796	0.6997	0.9795
70.6	0.8811	0.9866	0.1664	0.7381	0.0365	0.9800	0.6463	0.9810
70.7	0.8611	0.9834	0.2186	0.7075	0.0433	0.9698	0.6099	0.9769
70.8	0.8936	0.9842	0.1168	0.6794	0.0360	0.9711	0.5869	0.9756
70.9	0.9069	0.9889	0.1191	0.7345	0.0049	0.9744	0.6728	0.9779
71.0	0.8599	0.9855	0.2099	0.7504	0.0556	0.9648	0.7024	0.9688
71.1	0.8424	0.9873	0.2188	0.6888	0.0468	0.9595	0.6526	0.9601
71.2	0.9145	0.9929	0.4061	0.7686	0.0799	0.9664	0.7594	0.9670
71.3	0.9233	0.9914	0.5183	0.7746	0.1676	0.9706	0.7745	0.9711
71.4	0.9098	0.9868	0.4215	0.7700	0.0571	0.9646	0.7813	0.9596
71.5	0.9027	0.9866	0.2963	0.7826	0.0006	0.9507	0.7882	0.9439
71.6	0.8906	0.9882	0.2568	0.7692	0.0066	0.9619	0.8022	0.9445
71.7	0.8794	0.9847	0.3259	0.7740	0.0293	0.9518	0.8131	0.9177
71.8	0.8882	0.9860	0.2894	0.7665	0.0063	0.9541	0.8007	0.9283
71.9	0.8661	0.9820	0.2379	0.7214	0.0040	0.9445	0.7599	0.9094
72.0	0.8396	0.9846	0.3566	0.7795	0.0403	0.9262	0.8092	0.8837
72.1	0.8633	0.9861	0.4450	0.8252	0.0607	0.9181	0.8516	0.8739
72.2	0.8615	0.9846	0.2144	0.7946	0.0185	0.9093	0.8475	0.8296
72.3	0.8011	0.9815	0.1606	0.6992	0.0106	0.9131	0.7617	0.8235
72.4	0.7982	0.9831	0.2242	0.7625	0.0063	0.9126	0.8049	0.8248
72.5	0.7923	0.9853	0.2319	0.8043	0.0025	0.8984	0.8383	0.8183
72.6	0.7598	0.9868	0.2165	0.7848	0.0259	0.9163	0.8303	0.8174
72.7	0.7095	0.9820	0.1034	0.7710	0.0553	0.8847	0.8188	0.7830
72.8	0.7752	0.9853	0.0806	0.7805	0.1108	0.8929	0.8279	0.8257
72.9	0.7901	0.9855	0.2139	0.8075	0.0579	0.8773	0.8507	0.7567
73.0	0.7341	0.9829	0.2272	0.8124	0.0232	0.8667	0.8587	0.7068
73.1	0.6909	0.9858	0.3020	0.8296	0.0190	0.8681	0.8678	0.6653
73.2	0.7083	0.9860	0.3625	0.8116	0.0359	0.8562	0.8453	0.6466
73.3	0.7637	0.9883	0.2958	0.8487	0.0023	0.8774	0.8821	0.7345
73.4	0.7212	0.9863	0.2933	0.8603	0.0132	0.8481	0.8951	0.6518
73.5	0.7175	0.9889	0.3205	0.8533	0.0055	0.8710	0.8920	0.6629
73.6	0.7180	0.9892	0.3734	0.8512	0.0424	0.8190	0.8804	0.6313
73.7	0.7128	0.9841	0.3512	0.8526	0.0664	0.7683	0.8827	0.5903
73.8	0.6885	0.9860	0.2924	0.8779	0.0106	0.8065	0.9002	0.6289
73.9	0.6797	0.9892	0.3137	0.8608	0.0181	0.8156	0.8803	0.6538
74.0	0.7628	0.9876	0.3097	0.8764	0.0310	0.8368	0.8959	0.7083
74.1	0.7588	0.9838	0.2691	0.8836	0.0167	0.8077	0.8977	0.6741
74.2	0.7551	0.9865	0.3908	0.8930	0.0010	0.8310	0.9016	0.6818
74.3	0.7530	0.9864	0.4128	0.8952	0.0045	0.8593	0.9107	0.7316
74.4	0.7307	0.9788	0.4511	0.9034	0.0008	0.8452	0.9139	0.7086
74.5	0.7802	0.9832	0.3825	0.9349	0.1145	0.8785	0.9438	0.7787
74.6	0.8373	0.9893	0.4945	0.9485	0.2592	0.9043	0.9535	0.8465
74.7	0.8632	0.9900	0.6097	0.9574	0.1568	0.9336	0.9633	0.8685
74.8	0.8496	0.9881	0.6086	0.9401	0.1607	0.9248	0.9463	0.8635
74.9	0.8086	0.9837	0.5949	0.9158	0.1503	0.9092	0.9246	0.8495
75.0	0.8620	0.9831	0.6542	0.9338	0.1957	0.9267	0.9437	0.8615
75.1	0.8831	0.9867	0.6942	0.9581	0.2388	0.9337	0.9637	0.8672
75.2	0.8804	0.9853	0.7018	0.9446	0.1821	0.9193	0.9503	0.8421
75.3	0.8866	0.9835	0.6953	0.9470	0.2865	0.9289	0.9538	0.8633
75.4	0.8534	0.9822	0.5934	0.9426	0.4007	0.9166	0.9461	0.8439
75.5	0.8845	0.9776	0.6436	0.9548	0.4720	0.9229	0.9551	0.8507
75.6	0.8941	0.9789	0.6918	0.9537	0.5849	0.9433	0.9580	0.8984
75.7	0.9144	0.9880	0.7689	0.9607	0.6919	0.9588	0.9642	0.9296
75.8	0.9289	0.9870	0.8015	0.9682	0.6491	0.9543	0.9700	0.9158
75.9	0.9292	0.9873	0.7837	0.9719	0.7355	0.9608	0.9742	0.9284
76.0	0.9305	0.9851	0.7106	0.9703	0.7331	0.9603	0.9733	0.9163
76.1	0.9154	0.9810	0.6384	0.9621	0.7572	0.9621	0.9673	0.9208
76.2	0.8482	0.9718	0.5422	0.9303	0.7370	0.9349	0.9385	0.8896
76.3	0.9028	0.9830	0.7154	0.9504	0.8464	0.9531	0.9558	0.9268
76.4	0.9223	0.9809	0.6836	0.9657	0.8128	0.9582	0.9688	0.9166
76.5	0.9123	0.9758	0.6334	0.9637	0.8101	0.9605	0.9673	0.9135
76.6	0.9122	0.9823	0.6089	0.9592	0.8910	0.9694	0.9650	0.9434
76.7	0.8968	0.9839	0.4117	0.9406	0.8987	0.9678	0.9528	0.9388

76.8	0.9132	0.9807	0.4443	0.9494	0.8887	0.9709	0.9609	0.9330
76.9	0.9191	0.9803	0.4933	0.9558	0.8822	0.9619	0.9637	0.9260
77.0	0.8874	0.9805	0.2865	0.9455	0.9113	0.9601	0.9566	0.9353
77.1	0.8864	0.9788	0.3408	0.9503	0.9141	0.9630	0.9610	0.9313
77.2	0.8514	0.9752	0.4659	0.9528	0.9139	0.9644	0.9641	0.9207
77.3	0.8942	0.9743	0.5045	0.9576	0.9352	0.9809	0.9698	0.9425
77.4	0.9259	0.9751	0.6238	0.9683	0.9574	0.9882	0.9780	0.9604
77.5	0.8764	0.9701	0.6512	0.9596	0.9419	0.9764	0.9697	0.9346
77.6	0.8663	0.9793	0.7216	0.9453	0.9472	0.9742	0.9607	0.9359
77.7	0.8683	0.9812	0.7406	0.9395	0.9415	0.9734	0.9573	0.9279
77.8	0.8843	0.9770	0.7786	0.9484	0.9428	0.9749	0.9631	0.9209
77.9	0.8359	0.9546	0.6667	0.9146	0.9108	0.9692	0.9429	0.8761
78.0	0.8729	0.9569	0.7674	0.9224	0.9414	0.9808	0.9491	0.9201
78.1	0.9202	0.9660	0.8410	0.9549	0.9548	0.9820	0.9688	0.9301
78.2	0.8921	0.9660	0.8436	0.9452	0.9440	0.9728	0.9603	0.9012
78.3	0.8813	0.9626	0.8545	0.9377	0.9525	0.9779	0.9570	0.9023
78.4	0.9159	0.9652	0.8867	0.9505	0.9559	0.9773	0.9629	0.9078
78.5	0.9341	0.9679	0.9100	0.9617	0.9503	0.9756	0.9712	0.8817
78.6	0.9465	0.9750	0.9147	0.9565	0.9528	0.9767	0.9675	0.8638
78.7	0.9374	0.9742	0.9128	0.9589	0.9445	0.9822	0.9688	0.8284
78.8	0.9387	0.9760	0.9330	0.9705	0.9459	0.9807	0.9752	0.8006
78.9	0.9362	0.9752	0.9279	0.9606	0.9363	0.9781	0.9684	0.7618
79.0	0.9150	0.9535	0.8928	0.9502	0.8923	0.9741	0.9619	0.5848
79.1	0.9243	0.9536	0.9296	0.9641	0.9061	0.9706	0.9711	0.5388
79.2	0.9268	0.9606	0.9457	0.9768	0.9339	0.9777	0.9791	0.5752
79.3	0.9233	0.9498	0.9377	0.9657	0.9187	0.9709	0.9688	0.4051
79.4	0.9174	0.9316	0.9234	0.9594	0.8816	0.9628	0.9615	0.1029
79.5	0.9336	0.9576	0.9470	0.9680	0.9213	0.9739	0.9689	0.0329
79.6	0.9441	0.9671	0.9522	0.9736	0.9200	0.9738	0.9738	0.0628
79.7	0.9475	0.9739	0.9595	0.9791	0.9213	0.9759	0.9788	0.3545
79.8	0.9451	0.9662	0.9572	0.9782	0.9155	0.9758	0.9768	0.3732
79.9	0.9403	0.9586	0.9492	0.9746	0.9068	0.9757	0.9742	0.5052
80.0	0.9215	0.9601	0.9432	0.9685	0.8994	0.9735	0.9699	0.5844

2.2.21 Run 2 – IP270-200 – Accels 17–24

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.2600	0.8568	0.4112	0.4849	0.3886	0.1401	0.6866	0.9292
0.1	0.1472	0.5708	0.2454	0.2606	0.1822	0.0920	0.2533	0.6860
0.2	0.0007	0.0063	0.0069	0.0046	0.0013	0.0065	0.0118	0.0164
0.3	0.0013	0.0176	0.0519	0.0081	0.0686	0.0056	0.0010	0.0546
0.4	0.0387	0.0094	0.0019	0.0167	0.0103	0.0136	0.0126	0.0274
0.5	0.0222	0.0056	0.0017	0.0117	0.0063	0.0316	0.0112	0.0178
0.6	0.0223	0.1747	0.0012	0.0011	0.0033	0.0013	0.0246	0.0215
0.7	0.0227	0.3635	0.0159	0.0026	0.0445	0.0402	0.0386	0.3396
0.8	0.0285	0.5515	0.0403	0.0455	0.2268	0.0081	0.0766	0.7131
0.9	0.0178	0.8013	0.0495	0.0318	0.5584	0.0491	0.1432	0.9049
1.0	0.0760	0.7913	0.0267	0.1275	0.6953	0.0115	0.2224	0.9190
1.1	0.0617	0.8275	0.2342	0.1334	0.6959	0.0224	0.2874	0.9391
1.2	0.1193	0.8850	0.4066	0.0039	0.6540	0.1034	0.4454	0.9456
1.3	0.3107	0.9375	0.6647	0.2263	0.5673	0.2493	0.4018	0.8321
1.4	0.3008	0.8884	0.8088	0.4009	0.5879	0.5465	0.3639	0.7202
1.5	0.5486	0.9415	0.9087	0.6805	0.8209	0.8427	0.6048	0.8949
1.6	0.6539	0.9263	0.8728	0.7747	0.8742	0.8187	0.7068	0.9143
1.7	0.6245	0.7593	0.7139	0.7167	0.7672	0.6656	0.7242	0.7683
1.8	0.7036	0.7582	0.8100	0.8624	0.8413	0.6865	0.9117	0.7955
1.9	0.7197	0.8864	0.9382	0.7498	0.9323	0.8399	0.9252	0.9086
2.0	0.8721	0.9467	0.9710	0.4198	0.9664	0.9263	0.9519	0.9563
2.1	0.8013	0.9537	0.9104	0.5037	0.9790	0.8896	0.9176	0.9662
2.2	0.6053	0.9771	0.6909	0.5463	0.9926	0.6897	0.7052	0.9850
2.3	0.3416	0.9846	0.4246	0.3921	0.9951	0.3497	0.4757	0.9899
2.4	0.3699	0.9722	0.4429	0.5183	0.9921	0.3177	0.5467	0.9810
2.5	0.6991	0.9674	0.7643	0.8655	0.9959	0.6426	0.8782	0.9826
2.6	0.7386	0.9582	0.8729	0.9423	0.9967	0.6222	0.9467	0.9788
2.7	0.6382	0.9563	0.8221	0.9203	0.9969	0.4925	0.9599	0.9784
2.8	0.4035	0.9454	0.6731	0.8650	0.9962	0.2685	0.9303	0.9738
2.9	0.2419	0.9210	0.3927	0.7479	0.9972	0.2539	0.9003	0.9651
3.0	0.3594	0.9145	0.2268	0.6644	0.9968	0.3635	0.8755	0.9610
3.1	0.2688	0.8752	0.0644	0.4886	0.9952	0.2017	0.8060	0.9431
3.2	0.1792	0.8292	0.0243	0.4324	0.9953	0.2097	0.7373	0.9229
3.3	0.2953	0.8398	0.0941	0.4773	0.9944	0.3696	0.7750	0.9255
3.4	0.3034	0.7894	0.1579	0.2805	0.9939	0.2448	0.7122	0.8886
3.5	0.3035	0.8284	0.2387	0.2297	0.9960	0.2039	0.7463	0.9102
3.6	0.3554	0.8520	0.2899	0.2344	0.9959	0.2174	0.7698	0.9205
3.7	0.2401	0.8036	0.2220	0.1564	0.9970	0.1530	0.6760	0.8914
3.8	0.2341	0.8153	0.2620	0.0738	0.9959	0.0881	0.6740	0.8972
3.9	0.2000	0.8424	0.2592	0.1588	0.9941	0.2219	0.7107	0.9160
4.0	0.2873	0.8668	0.4131	0.1435	0.9922	0.2924	0.7141	0.9288
4.1	0.4114	0.9107	0.5429	0.1506	0.9932	0.3522	0.7445	0.9525
4.2	0.4979	0.9257	0.5007	0.2068	0.9922	0.4646	0.7963	0.9597
4.3	0.3710	0.9218	0.4066	0.2382	0.9873	0.4950	0.7125	0.9601
4.4	0.4254	0.9549	0.4202	0.3494	0.9868	0.5315	0.6803	0.9777
4.5	0.5218	0.9710	0.4324	0.3361	0.9877	0.5492	0.6500	0.9874
4.6	0.6061	0.9803	0.5054	0.3850	0.9929	0.6096	0.7528	0.9897
4.7	0.6605	0.9843	0.5783	0.4823	0.9942	0.6485	0.8266	0.9909
4.8	0.6686	0.9889	0.5438	0.6280	0.9945	0.7057	0.8660	0.9929
4.9	0.6189	0.9900	0.5267	0.6877	0.9922	0.7994	0.8284	0.9927
5.0	0.7093	0.9917	0.6563	0.7518	0.9921	0.8363	0.8602	0.9933
5.1	0.7312	0.9905	0.6458	0.6887	0.9933	0.8229	0.8708	0.9938
5.2	0.6972	0.9862	0.6383	0.5351	0.9888	0.7997	0.8537	0.9904
5.3	0.6232	0.9841	0.6557	0.4945	0.9852	0.7700	0.8487	0.9876
5.4	0.5817	0.9830	0.6753	0.3666	0.9802	0.6721	0.8081	0.9837
5.5	0.5451	0.9793	0.6515	0.1936	0.9765	0.5956	0.8051	0.9784
5.6	0.5258	0.9726	0.6239	0.1230	0.9672	0.6122	0.7462	0.9714
5.7	0.4931	0.9603	0.6112	0.2033	0.9402	0.6701	0.6472	0.9524
5.8	0.5490	0.9719	0.6196	0.4589	0.9590	0.7725	0.7553	0.9613
5.9	0.5160	0.9577	0.5478	0.4896	0.9469	0.6850	0.7239	0.9429
6.0	0.5456	0.9435	0.6446	0.3288	0.9375	0.5926	0.5705	0.9260
6.1	0.6338	0.9583	0.7824	0.4764	0.9592	0.6835	0.6830	0.9487
6.2	0.6789	0.9720	0.7962	0.6528	0.9749	0.7456	0.7397	0.9658
6.3	0.5274	0.9701	0.8145	0.6880	0.9757	0.7373	0.7456	0.9638
6.4	0.5533	0.9791	0.8528	0.7845	0.9802	0.7478	0.8123	0.9718
6.5	0.6074	0.9849	0.7163	0.8216	0.9862	0.6777	0.8422	0.9794
6.6	0.4545	0.9848	0.8142	0.8527	0.9887	0.7384	0.8443	0.9802
6.7	0.1760	0.9874	0.8618	0.8842	0.9911	0.7315	0.8724	0.9836
6.8	0.0291	0.9843	0.8217	0.8574	0.9894	0.6636	0.8822	0.9804
6.9	0.2082	0.9918	0.8819	0.8626	0.9941	0.6993	0.9148	0.9884
7.0	0.4465	0.9954	0.8675	0.8587	0.9956	0.6769	0.9012	0.9931
7.1	0.4561	0.9944	0.7309	0.7369	0.9940	0.6318	0.7787	0.9917
7.2	0.6415	0.9955	0.6494	0.6072	0.9956	0.6302	0.6998	0.9947
7.3	0.7912	0.9969	0.6492	0.5379	0.9970	0.6076	0.6510	0.9967
7.4	0.7903	0.9965	0.3790	0.4035	0.9969	0.4740	0.6523	0.9963
7.5	0.7942	0.9964	0.3115	0.4318	0.9960	0.5051	0.6843	0.9949
7.6	0.8430	0.9947	0.3001	0.4148	0.9944	0.4514	0.6835	0.9923
7.7	0.7969	0.9921	0.2637	0.4729	0.9927	0.3135	0.7243	0.9886
7.8	0.8199	0.9946	0.3412	0.5602	0.9951	0.1804	0.7463	0.9922
7.9	0.8250	0.9965	0.5466	0.6768	0.9968	0.1551	0.8140	0.9950

8.0	0.7298	0.9950	0.4783	0.6033	0.9958	0.1223	0.7376	0.9927
8.1	0.7807	0.9967	0.5564	0.7645	0.9953	0.2504	0.8275	0.9945
8.2	0.8273	0.9969	0.6613	0.8093	0.9945	0.3597	0.8715	0.9944
8.3	0.8176	0.9975	0.7081	0.7976	0.9926	0.3965	0.8775	0.9915
8.4	0.8091	0.9977	0.7292	0.8114	0.9932	0.4234	0.9000	0.9922
8.5	0.8206	0.9980	0.7762	0.8435	0.9941	0.4277	0.9211	0.9952
8.6	0.7974	0.9969	0.7990	0.7992	0.9932	0.3217	0.9064	0.9934
8.7	0.8137	0.9976	0.8280	0.8419	0.9929	0.3491	0.9324	0.9922
8.8	0.7904	0.9979	0.8420	0.8538	0.9903	0.5120	0.9391	0.9916
8.9	0.7474	0.9978	0.8407	0.8315	0.9885	0.6004	0.9146	0.9913
9.0	0.6367	0.9970	0.8357	0.7982	0.9895	0.6613	0.9041	0.9911
9.1	0.7174	0.9971	0.8863	0.8149	0.9898	0.7745	0.9090	0.9904
9.2	0.7808	0.9977	0.8890	0.8648	0.9900	0.7825	0.9233	0.9895
9.3	0.8166	0.9961	0.8715	0.8719	0.9861	0.8066	0.9157	0.9862
9.4	0.8645	0.9947	0.8478	0.8190	0.9842	0.8315	0.8961	0.9846
9.5	0.8644	0.9915	0.7854	0.5908	0.9860	0.8527	0.8433	0.9827
9.6	0.9097	0.9931	0.7955	0.5194	0.9875	0.8983	0.8325	0.9854
9.7	0.9216	0.9953	0.7267	0.4829	0.9884	0.9008	0.8206	0.9882
9.8	0.9535	0.9968	0.6978	0.6006	0.9915	0.9313	0.8808	0.9911
9.9	0.9286	0.9954	0.5662	0.6106	0.9909	0.9043	0.8531	0.9902
10.0	0.8912	0.9959	0.4938	0.6577	0.9899	0.8685	0.8206	0.9888
10.1	0.8799	0.9970	0.5604	0.7955	0.9909	0.8518	0.8762	0.9908
10.2	0.8998	0.9973	0.7204	0.8672	0.9901	0.8851	0.9140	0.9899
10.3	0.8986	0.9974	0.7059	0.8676	0.9903	0.8847	0.9117	0.9892
10.4	0.9000	0.9971	0.7103	0.8671	0.9889	0.8918	0.9162	0.9899
10.5	0.9148	0.9972	0.7831	0.8408	0.9882	0.9368	0.9261	0.9897
10.6	0.9226	0.9970	0.8289	0.8480	0.9876	0.9658	0.9419	0.9882
10.7	0.9407	0.9974	0.8730	0.9051	0.9878	0.9766	0.9533	0.9870
10.8	0.9406	0.9972	0.8772	0.9082	0.9864	0.9763	0.9548	0.9849
10.9	0.9116	0.9967	0.8480	0.8646	0.9812	0.9703	0.9563	0.9810
11.0	0.9033	0.9965	0.7813	0.7748	0.9760	0.9666	0.9400	0.9773
11.1	0.9358	0.9972	0.8586	0.8391	0.9825	0.9811	0.9455	0.9841
11.2	0.9573	0.9971	0.8947	0.8629	0.9878	0.9868	0.9677	0.9885
11.3	0.9503	0.9983	0.9222	0.8822	0.9866	0.9862	0.9598	0.9863
11.4	0.9378	0.9981	0.9212	0.8570	0.9856	0.9813	0.9575	0.9852
11.5	0.9526	0.9982	0.9304	0.8307	0.9894	0.9861	0.9682	0.9893
11.6	0.9656	0.9977	0.9246	0.8198	0.9880	0.9885	0.9722	0.9885
11.7	0.9718	0.9980	0.9349	0.8258	0.9886	0.9901	0.9722	0.9892
11.8	0.9661	0.9973	0.9413	0.7937	0.9891	0.9894	0.9745	0.9904
11.9	0.9654	0.9962	0.9332	0.8046	0.9884	0.9837	0.9620	0.9908
12.0	0.9740	0.9962	0.9431	0.8345	0.9906	0.9881	0.9734	0.9914
12.1	0.9694	0.9956	0.9438	0.8759	0.9894	0.9861	0.9746	0.9907
12.2	0.9762	0.9942	0.9509	0.8709	0.9910	0.9884	0.9759	0.9920
12.3	0.9713	0.9942	0.9532	0.9086	0.9877	0.9869	0.9736	0.9889
12.4	0.9600	0.9887	0.9380	0.9078	0.9812	0.9796	0.9630	0.9817
12.5	0.9667	0.9857	0.9433	0.9262	0.9790	0.9780	0.9626	0.9793
12.6	0.9710	0.9838	0.9516	0.9366	0.9752	0.9790	0.9686	0.9758
12.7	0.9510	0.9741	0.9406	0.9146	0.9574	0.9724	0.9607	0.9578
12.8	0.9277	0.9661	0.9305	0.9055	0.9464	0.9659	0.9540	0.9472
12.9	0.9269	0.9548	0.9238	0.8978	0.9387	0.9572	0.9620	0.9385
13.0	0.9387	0.9605	0.9395	0.9263	0.9524	0.9650	0.9724	0.9525
13.1	0.8945	0.9239	0.8952	0.8785	0.9118	0.9318	0.9677	0.9125
13.2	0.8764	0.9139	0.9022	0.8854	0.9046	0.9226	0.9607	0.9043
13.3	0.8471	0.9007	0.9044	0.8797	0.8908	0.9123	0.9573	0.8904
13.4	0.7908	0.8897	0.9215	0.8847	0.8725	0.9065	0.9664	0.8726
13.5	0.8990	0.9564	0.9739	0.9574	0.9466	0.9691	0.9903	0.9466
13.6	0.9121	0.9609	0.9818	0.9671	0.9523	0.9755	0.9921	0.9521
13.7	0.9435	0.9735	0.9918	0.9821	0.9666	0.9860	0.9949	0.9674
13.8	0.9582	0.9819	0.9946	0.9898	0.9776	0.9931	0.9953	0.9774
13.9	0.9648	0.9806	0.9943	0.9914	0.9776	0.9941	0.9944	0.9772
14.0	0.9585	0.9773	0.9919	0.9890	0.9726	0.9952	0.9920	0.9712
14.1	0.9527	0.9740	0.9856	0.9839	0.9698	0.9941	0.9851	0.9688
14.2	0.9664	0.9848	0.9864	0.9867	0.9818	0.9942	0.9852	0.9812
14.3	0.9623	0.9867	0.9796	0.9797	0.9829	0.9900	0.9793	0.9824
14.4	0.9279	0.9799	0.9494	0.9489	0.9778	0.9681	0.9500	0.9774
14.5	0.9198	0.9842	0.9356	0.9317	0.9811	0.9480	0.9342	0.9817
14.6	0.9179	0.9832	0.9231	0.9113	0.9808	0.9124	0.9215	0.9796
14.7	0.9123	0.9826	0.9173	0.8984	0.9816	0.8743	0.9142	0.9819
14.8	0.9408	0.9795	0.9431	0.9235	0.9842	0.8569	0.9408	0.9824
14.9	0.9594	0.9758	0.9601	0.9422	0.9817	0.7764	0.9586	0.9788
15.0	0.9764	0.9792	0.9825	0.9724	0.9832	0.8352	0.9799	0.9808
15.1	0.9730	0.9799	0.9803	0.9630	0.9797	0.8430	0.9758	0.9753
15.2	0.9654	0.9839	0.9809	0.9493	0.9761	0.9001	0.9744	0.9715
15.3	0.9647	0.9847	0.9879	0.9546	0.9786	0.9109	0.9800	0.9738
15.4	0.9643	0.9838	0.9885	0.9647	0.9760	0.8978	0.9836	0.9703
15.5	0.9670	0.9872	0.9870	0.9545	0.9799	0.9235	0.9836	0.9743
15.6	0.9706	0.9834	0.9880	0.9507	0.9792	0.9295	0.9851	0.9736
15.7	0.9603	0.9711	0.9848	0.9362	0.9674	0.8854	0.9802	0.9603
15.8	0.9113	0.9626	0.9761	0.8969	0.9566	0.8303	0.9689	0.9476
15.9	0.8834	0.9606	0.9770	0.8641	0.9530	0.8603	0.9583	0.9442
16.0	0.8506	0.9463	0.9832	0.8140	0.9369	0.8555	0.9438	0.9224
16.1	0.8389	0.9570	0.9830	0.8151	0.9499	0.8841	0.9497	0.9363
16.2	0.8547	0.9405	0.9827	0.8303	0.9357	0.8699	0.9545	0.9149
16.3	0.9095	0.9376	0.9848	0.8887	0.9160	0.8692	0.9622	0.8738
16.4	0.9134	0.9081	0.9785	0.8801	0.8625	0.8029	0.9622	0.7953
16.5	0.9271	0.8807	0.9784	0.8930	0.8449	0.7837	0.9698	0.7580

16.6	0.9535	0.8492	0.9821	0.9210	0.8362	0.7573	0.9823	0.7585
16.7	0.9588	0.7468	0.9786	0.9026	0.7361	0.6484	0.9763	0.6347
16.8	0.9528	0.6356	0.9786	0.9065	0.5649	0.4577	0.9720	0.4397
16.9	0.9519	0.6773	0.9776	0.9058	0.5256	0.4702	0.9767	0.3784
17.0	0.9418	0.6095	0.9736	0.8964	0.3899	0.4166	0.9693	0.2039
17.1	0.9149	0.4569	0.9726	0.9004	0.2947	0.3611	0.9691	0.1609
17.2	0.9280	0.3166	0.9682	0.8788	0.1684	0.3401	0.9702	0.0861
17.3	0.9263	0.1515	0.9635	0.8829	0.0713	0.3429	0.9664	0.1232
17.4	0.9196	0.0811	0.9681	0.8952	0.1160	0.3456	0.9598	0.2523
17.5	0.9219	0.0754	0.9668	0.9069	0.2116	0.3461	0.9665	0.3530
17.6	0.9110	0.0356	0.9551	0.8786	0.3399	0.3772	0.9635	0.4692
17.7	0.8868	0.0671	0.9433	0.8606	0.5100	0.3429	0.9501	0.6037
17.8	0.9060	0.0357	0.9440	0.8650	0.4787	0.3421	0.9420	0.5810
17.9	0.9022	0.0897	0.9406	0.8687	0.5600	0.3954	0.9335	0.6313
18.0	0.8841	0.2151	0.9362	0.8823	0.6500	0.5107	0.9501	0.6563
18.1	0.9007	0.3166	0.9314	0.8648	0.6689	0.5499	0.9531	0.6967
18.2	0.8970	0.3323	0.9336	0.8791	0.7292	0.6309	0.9486	0.7554
18.3	0.8656	0.4219	0.9304	0.8875	0.7364	0.6457	0.9527	0.7444
18.4	0.8362	0.3675	0.9103	0.8431	0.6684	0.5929	0.9462	0.7149
18.5	0.8702	0.4336	0.8867	0.8238	0.6936	0.6143	0.9281	0.7252
18.6	0.8410	0.5564	0.8931	0.8258	0.7377	0.6714	0.8987	0.7440
18.7	0.8020	0.4923	0.8678	0.7701	0.7054	0.5942	0.8631	0.7220
18.8	0.7697	0.4392	0.8408	0.7539	0.6740	0.5697	0.8721	0.6998
18.9	0.6192	0.4372	0.8359	0.7646	0.6881	0.6062	0.8667	0.7115
19.0	0.3952	0.4911	0.8094	0.7439	0.6887	0.6281	0.8359	0.7066
19.1	0.3422	0.5177	0.7765	0.7077	0.6640	0.6045	0.7892	0.6931
19.2	0.1514	0.3979	0.6407	0.5712	0.5201	0.4713	0.6683	0.5475
19.3	0.1715	0.4955	0.6826	0.6318	0.5967	0.5564	0.7181	0.6108
19.4	0.2372	0.4972	0.6394	0.5925	0.5722	0.5130	0.6704	0.6135
19.5	0.4712	0.5917	0.6515	0.6235	0.6173	0.5689	0.6814	0.6630
19.6	0.4521	0.6049	0.6357	0.6125	0.6091	0.5581	0.6583	0.6641
19.7	0.4528	0.5480	0.4974	0.4920	0.4884	0.4506	0.5361	0.5349
19.8	0.5257	0.5479	0.5040	0.5148	0.5154	0.4929	0.5427	0.5452
19.9	0.5949	0.6175	0.5616	0.5755	0.5751	0.5663	0.5970	0.5850
20.0	0.6195	0.5781	0.5690	0.5835	0.5923	0.6131	0.6047	0.6091
20.1	0.6749	0.6687	0.6164	0.6454	0.6497	0.6698	0.6478	0.6394
20.2	0.7172	0.7110	0.6696	0.6980	0.7044	0.7133	0.6997	0.7043
20.3	0.6756	0.6522	0.6245	0.6578	0.6695	0.6868	0.6616	0.6829
20.4	0.7237	0.7203	0.6838	0.7233	0.7399	0.7522	0.7257	0.7160
20.5	0.7790	0.7839	0.7289	0.7657	0.7783	0.7925	0.7633	0.7897
20.6	0.7972	0.7756	0.7551	0.7884	0.8020	0.8192	0.7754	0.7939
20.7	0.7980	0.7628	0.7422	0.7864	0.8019	0.8204	0.7690	0.7917
20.8	0.8787	0.8582	0.8258	0.8614	0.8691	0.8860	0.8549	0.8851
20.9	0.8938	0.8794	0.8562	0.8871	0.8892	0.9015	0.9018	0.8750
21.0	0.8142	0.7915	0.7773	0.8270	0.8409	0.8512	0.8247	0.7793
21.1	0.7873	0.7660	0.7623	0.8118	0.8315	0.8541	0.7921	0.7588
21.2	0.7800	0.7454	0.7584	0.8093	0.8336	0.8530	0.8006	0.7303
21.3	0.8262	0.8001	0.7787	0.8290	0.8327	0.8507	0.8414	0.7643
21.4	0.8287	0.8062	0.7870	0.8415	0.8430	0.8823	0.8333	0.7812
21.5	0.8702	0.8559	0.8563	0.8806	0.8855	0.9070	0.8792	0.8406
21.6	0.8260	0.8215	0.8386	0.8439	0.8562	0.8895	0.8565	0.8004
21.7	0.8375	0.8266	0.8535	0.8676	0.8812	0.9059	0.8532	0.7933
21.8	0.7886	0.7809	0.8393	0.8546	0.8636	0.8971	0.8256	0.7558
21.9	0.7738	0.7641	0.8343	0.8245	0.8276	0.8942	0.8151	0.7637
22.0	0.7424	0.7175	0.8518	0.7846	0.8009	0.8930	0.7762	0.7430
22.1	0.6618	0.6160	0.7845	0.6939	0.6985	0.8390	0.7046	0.6489
22.2	0.7517	0.7024	0.8433	0.7224	0.7281	0.8967	0.7633	0.7904
22.3	0.7604	0.7340	0.8804	0.7308	0.7387	0.9115	0.7638	0.8150
22.4	0.7464	0.7094	0.8665	0.6979	0.6967	0.8818	0.7507	0.7835
22.5	0.7672	0.7217	0.8735	0.7307	0.6968	0.8886	0.7588	0.7355
22.6	0.7432	0.6996	0.8640	0.7086	0.6774	0.8538	0.7490	0.6652
22.7	0.7262	0.6667	0.8638	0.5890	0.5334	0.8189	0.6713	0.6179
22.8	0.7119	0.6435	0.8379	0.5838	0.5337	0.8014	0.6959	0.5161
22.9	0.6867	0.6086	0.8190	0.5991	0.5684	0.7490	0.7140	0.4553
23.0	0.6273	0.5881	0.8155	0.5795	0.5359	0.7593	0.6876	0.3566
23.1	0.7154	0.6747	0.8473	0.6164	0.5905	0.8028	0.7259	0.2841
23.2	0.6516	0.6142	0.8364	0.5708	0.5595	0.8344	0.6840	0.3153
23.3	0.6038	0.5861	0.8105	0.3724	0.3531	0.7677	0.6087	0.1231
23.4	0.6894	0.7062	0.8596	0.4739	0.4488	0.8233	0.6974	0.1208
23.5	0.6573	0.7055	0.8668	0.5141	0.4935	0.8141	0.6754	0.1346
23.6	0.4816	0.5207	0.7756	0.3859	0.3679	0.7818	0.6084	0.1068
23.7	0.5238	0.5701	0.7776	0.3852	0.3572	0.8223	0.6200	0.0880
23.8	0.4452	0.4933	0.7745	0.4080	0.2830	0.7929	0.5809	0.1102
23.9	0.4387	0.5218	0.8122	0.4699	0.2472	0.7825	0.5753	0.0974
24.0	0.3848	0.5147	0.7702	0.5001	0.2383	0.7653	0.5329	0.1419
24.1	0.4599	0.5182	0.7536	0.5370	0.3047	0.7524	0.5289	0.3548
24.2	0.3639	0.4807	0.7543	0.5627	0.2426	0.7770	0.5124	0.2136
24.3	0.3172	0.3732	0.7898	0.6116	0.1337	0.7997	0.5060	0.1782
24.4	0.3184	0.3225	0.7640	0.6401	0.1147	0.7551	0.4630	0.2902
24.5	0.3973	0.4187	0.7685	0.6197	0.1535	0.7813	0.5445	0.3999
24.6	0.4597	0.4296	0.7894	0.6849	0.0605	0.7889	0.6130	0.3238
24.7	0.5137	0.5595	0.8259	0.7328	0.1238	0.8148	0.5864	0.2945
24.8	0.3565	0.5075	0.8285	0.7937	0.0687	0.8137	0.5501	0.2962
24.9	0.2395	0.4511	0.7884	0.7400	0.0695	0.7197	0.4758	0.3046
25.0	0.2280	0.2723	0.7482	0.7558	0.0991	0.7061	0.4269	0.3464
25.1	0.2142	0.2169	0.6982	0.7863	0.0890	0.6719	0.3187	0.3395

25.2	0.2338	0.3646	0.7071	0.7789	0.1005	0.6526	0.2815	0.3666
25.3	0.3104	0.3655	0.7372	0.7789	0.1075	0.6910	0.2761	0.3572
25.4	0.2086	0.4523	0.7547	0.7653	0.1884	0.6056	0.2137	0.4161
25.5	0.0685	0.4242	0.6188	0.7960	0.2079	0.4154	0.1871	0.5119
25.6	0.1048	0.4487	0.6234	0.8216	0.2174	0.4509	0.1599	0.4495
25.7	0.1475	0.4286	0.6080	0.7782	0.1330	0.3793	0.0841	0.5425
25.8	0.1816	0.5480	0.6787	0.7628	0.2226	0.3673	0.1346	0.6326
25.9	0.1258	0.6724	0.7151	0.7973	0.3805	0.2745	0.1546	0.7151
26.0	0.0739	0.6129	0.6964	0.8448	0.2889	0.3890	0.1966	0.7041
26.1	0.0730	0.6391	0.7370	0.8438	0.2757	0.4847	0.1512	0.6746
26.2	0.0286	0.6773	0.7753	0.8173	0.1757	0.5273	0.1381	0.6485
26.3	0.0178	0.6381	0.7120	0.7927	0.1999	0.4389	0.0701	0.5431
26.4	0.0456	0.7188	0.6709	0.8157	0.3606	0.2441	0.0439	0.6266
26.5	0.0065	0.7787	0.6958	0.8497	0.4028	0.2180	0.1461	0.7195
26.6	0.0128	0.8075	0.6853	0.8750	0.3662	0.2200	0.2477	0.7719
26.7	0.0112	0.7521	0.7049	0.8577	0.2957	0.2949	0.3120	0.7159
26.8	0.0031	0.8327	0.7661	0.8349	0.4692	0.3372	0.2453	0.7131
26.9	0.0389	0.8661	0.6345	0.8163	0.3713	0.1557	0.1885	0.5754
27.0	0.0525	0.9089	0.5982	0.8197	0.4413	0.1203	0.2806	0.5692
27.1	0.1081	0.9208	0.5958	0.7912	0.2739	0.1888	0.2722	0.6220
27.2	0.0910	0.9216	0.6449	0.7956	0.2154	0.1692	0.2365	0.5715
27.3	0.1068	0.9187	0.7748	0.8226	0.3497	0.2431	0.3191	0.6455
27.4	0.1048	0.9274	0.7654	0.8470	0.4217	0.2300	0.3118	0.6471
27.5	0.1551	0.9186	0.6869	0.8434	0.5084	0.3134	0.2917	0.6190
27.6	0.2561	0.9052	0.6584	0.8107	0.5768	0.3786	0.3411	0.6698
27.7	0.2171	0.8745	0.6204	0.7634	0.5439	0.2973	0.3350	0.6213
27.8	0.2017	0.8414	0.6599	0.7702	0.6202	0.3005	0.2680	0.6137
27.9	0.2702	0.8532	0.6346	0.7831	0.7608	0.4028	0.3688	0.6500
28.0	0.2711	0.8850	0.7148	0.8356	0.8236	0.5264	0.5136	0.7083
28.1	0.3842	0.9283	0.8316	0.8879	0.8803	0.5958	0.6440	0.8284
28.2	0.5686	0.9307	0.8541	0.9202	0.9417	0.6978	0.6929	0.8787
28.3	0.4875	0.9135	0.7923	0.9167	0.9476	0.7045	0.6812	0.8749
28.4	0.3242	0.8931	0.6931	0.8978	0.9206	0.6208	0.6618	0.8457
28.5	0.2859	0.8969	0.6683	0.8901	0.9153	0.6792	0.7197	0.8302
28.6	0.3913	0.9144	0.7463	0.9060	0.9310	0.8031	0.7683	0.8774
28.7	0.2786	0.9006	0.6942	0.9154	0.9264	0.7117	0.6834	0.8884
28.8	0.2263	0.9023	0.7795	0.9329	0.9268	0.7237	0.6918	0.8939
28.9	0.1974	0.9213	0.8626	0.9340	0.9324	0.7219	0.7544	0.8837
29.0	0.1856	0.9284	0.8320	0.9487	0.9164	0.7459	0.7747	0.9194
29.1	0.1738	0.9129	0.8238	0.9318	0.9250	0.8296	0.8225	0.9233
29.2	0.1280	0.8970	0.7830	0.9041	0.9097	0.7011	0.7930	0.8964
29.3	0.1739	0.9267	0.8105	0.9346	0.9177	0.6362	0.8582	0.9305
29.4	0.0957	0.9296	0.7769	0.9412	0.9120	0.5723	0.8531	0.9292
29.5	0.0449	0.9464	0.8349	0.9436	0.9180	0.6757	0.8937	0.9430
29.6	0.0947	0.9588	0.8671	0.9473	0.9283	0.7587	0.9124	0.9594
29.7	0.0818	0.9473	0.8363	0.9288	0.9210	0.7430	0.9032	0.9488
29.8	0.1080	0.9271	0.7866	0.9574	0.8893	0.7152	0.9269	0.9538
29.9	0.0835	0.7743	0.6785	0.9421	0.8640	0.5353	0.8475	0.9456
30.0	0.0584	0.8437	0.7606	0.9547	0.8776	0.5458	0.8709	0.9514
30.1	0.1928	0.9599	0.7822	0.9748	0.8915	0.6103	0.9375	0.9696
30.2	0.1316	0.9552	0.8267	0.9707	0.9021	0.6717	0.9370	0.9685
30.3	0.1769	0.9428	0.7976	0.9555	0.8618	0.4794	0.9262	0.9571
30.4	0.2498	0.9560	0.7734	0.9572	0.8397	0.6411	0.9433	0.9572
30.5	0.2316	0.9640	0.7341	0.9649	0.8207	0.7221	0.9522	0.9671
30.6	0.1989	0.9526	0.7310	0.9620	0.8179	0.7625	0.9500	0.9609
30.7	0.3221	0.9536	0.7048	0.9665	0.8149	0.7779	0.9530	0.9648
30.8	0.4454	0.9570	0.7214	0.9681	0.7628	0.8501	0.9611	0.9683
30.9	0.2957	0.9585	0.7093	0.9577	0.6765	0.8413	0.9544	0.9619
31.0	0.3622	0.9636	0.6856	0.9510	0.7874	0.8714	0.9540	0.9579
31.1	0.4711	0.9654	0.6480	0.9518	0.7965	0.8851	0.9479	0.9534
31.2	0.5252	0.9694	0.6746	0.9578	0.7944	0.8963	0.9619	0.9627
31.3	0.6103	0.9580	0.6291	0.9417	0.7431	0.9002	0.9507	0.9486
31.4	0.6877	0.9582	0.6382	0.9440	0.7337	0.9243	0.9491	0.9489
31.5	0.6955	0.9554	0.7115	0.9311	0.7988	0.9343	0.9307	0.9368
31.6	0.6725	0.9678	0.6889	0.9352	0.8268	0.9427	0.9290	0.9353
31.7	0.6556	0.9547	0.6700	0.9354	0.8592	0.9330	0.9412	0.9431
31.8	0.7187	0.9475	0.6747	0.9460	0.8786	0.9317	0.9486	0.9542
31.9	0.7159	0.9462	0.6619	0.9268	0.8588	0.9333	0.9202	0.9348
32.0	0.6635	0.9476	0.6435	0.9036	0.8921	0.9239	0.8901	0.9158
32.1	0.7039	0.9498	0.6414	0.9100	0.8987	0.9338	0.8948	0.9218
32.2	0.7451	0.9579	0.6369	0.9066	0.8877	0.9395	0.8850	0.9162
32.3	0.7980	0.9486	0.5745	0.8732	0.8979	0.9447	0.8522	0.8938
32.4	0.7672	0.9405	0.5193	0.8387	0.9113	0.9477	0.8190	0.8762
32.5	0.7528	0.9364	0.4313	0.8163	0.9281	0.9472	0.8023	0.8704
32.6	0.8353	0.9472	0.4258	0.8572	0.9480	0.9507	0.8270	0.9045
32.7	0.7483	0.9372	0.4881	0.7633	0.9337	0.9402	0.6604	0.8322
32.8	0.7201	0.9439	0.3257	0.7207	0.9311	0.9417	0.5282	0.8139
32.9	0.5665	0.9345	0.2290	0.6527	0.9147	0.9302	0.4302	0.7670
33.0	0.4848	0.8998	0.0976	0.5445	0.8730	0.8979	0.2602	0.6666
33.1	0.4986	0.9261	0.1847	0.6157	0.9104	0.9326	0.2110	0.6969
33.2	0.4554	0.9359	0.2058	0.5931	0.9264	0.9449	0.0379	0.6285
33.3	0.5822	0.9546	0.4390	0.5652	0.9439	0.9547	0.0033	0.5809
33.4	0.5905	0.9472	0.4498	0.6236	0.9221	0.9417	0.0293	0.5854
33.5	0.6886	0.9473	0.2917	0.7369	0.9195	0.9300	0.1756	0.6542
33.6	0.6887	0.9457	0.2370	0.6741	0.9315	0.9276	0.3745	0.5324
33.7	0.7148	0.9392	0.2056	0.6878	0.9069	0.9277	0.4822	0.5033

33.8	0.8020	0.9394	0.2450	0.7174	0.9159	0.9323	0.5841	0.5548
33.9	0.7894	0.9252	0.2584	0.6659	0.9242	0.9338	0.5954	0.4843
34.0	0.8543	0.9411	0.2653	0.6363	0.9516	0.9569	0.7448	0.3819
34.1	0.8865	0.9449	0.3182	0.6468	0.9526	0.9616	0.8323	0.3525
34.2	0.8782	0.9295	0.2690	0.4244	0.9358	0.9464	0.8739	0.3695
34.3	0.8949	0.9240	0.2918	0.3163	0.9374	0.9467	0.8994	0.4372
34.4	0.9143	0.9375	0.3973	0.2237	0.9413	0.9528	0.9185	0.5976
34.5	0.9097	0.9363	0.3477	0.1616	0.9330	0.9410	0.9185	0.7034
34.6	0.9203	0.9504	0.3944	0.1589	0.9446	0.9588	0.9279	0.8130
34.7	0.9255	0.9492	0.4616	0.1120	0.9428	0.9580	0.9527	0.8540
34.8	0.9281	0.9434	0.3955	0.1674	0.9484	0.9487	0.9563	0.8693
34.9	0.9435	0.9504	0.4314	0.3165	0.9671	0.9602	0.9628	0.9109
35.0	0.9257	0.9303	0.4343	0.3417	0.9446	0.9612	0.9529	0.8967
35.1	0.8953	0.9290	0.4077	0.3348	0.9508	0.9548	0.9387	0.9079
35.2	0.9007	0.9549	0.5069	0.4766	0.9682	0.9613	0.9654	0.9451
35.3	0.8909	0.9691	0.4703	0.6120	0.9678	0.9598	0.9671	0.9478
35.4	0.8844	0.9752	0.4313	0.6972	0.9757	0.9627	0.9563	0.9560
35.5	0.8771	0.9795	0.3043	0.7417	0.9833	0.9669	0.9546	0.9609
35.6	0.8275	0.9643	0.2705	0.6822	0.9676	0.9495	0.9384	0.9470
35.7	0.7219	0.9648	0.1739	0.6613	0.9657	0.9405	0.9255	0.9518
35.8	0.6058	0.9621	0.1442	0.6401	0.9547	0.9368	0.9148	0.9426
35.9	0.6905	0.9694	0.2032	0.6850	0.9553	0.9582	0.9322	0.9562
36.0	0.6526	0.9659	0.1860	0.6870	0.9437	0.9433	0.9255	0.9403
36.1	0.6413	0.9657	0.2348	0.6890	0.9404	0.9455	0.9005	0.9263
36.2	0.7315	0.9676	0.1299	0.7082	0.9535	0.9467	0.9214	0.9408
36.3	0.6845	0.9706	0.0415	0.6521	0.9354	0.9520	0.9027	0.9230
36.4	0.6808	0.9701	0.1055	0.6534	0.9280	0.9443	0.8678	0.9244
36.5	0.7762	0.9791	0.1725	0.7308	0.9410	0.9673	0.8877	0.9406
36.6	0.7673	0.9771	0.1368	0.7168	0.9306	0.9749	0.8969	0.9434
36.7	0.6843	0.9733	0.0905	0.5929	0.9201	0.9658	0.8458	0.9210
36.8	0.5529	0.9681	0.0555	0.4672	0.9073	0.9483	0.7985	0.8959
36.9	0.4670	0.9627	0.0778	0.5847	0.9167	0.9501	0.7965	0.9094
37.0	0.3690	0.9554	0.0675	0.5276	0.9110	0.9537	0.7083	0.9127
37.1	0.4103	0.9527	0.0026	0.5557	0.9122	0.9563	0.7526	0.9130
37.2	0.4392	0.9541	0.0648	0.4947	0.9126	0.9716	0.7754	0.8846
37.3	0.4571	0.9514	0.1377	0.4902	0.9170	0.9686	0.7120	0.8952
37.4	0.4040	0.9207	0.0786	0.4010	0.8515	0.9392	0.6019	0.8537
37.5	0.5854	0.9483	0.0977	0.6042	0.9076	0.9655	0.6816	0.9127
37.6	0.7415	0.9600	0.1407	0.6628	0.9170	0.9708	0.8019	0.9173
37.7	0.6573	0.9500	0.0767	0.5053	0.8806	0.9633	0.7108	0.8967
37.8	0.6758	0.9631	0.1785	0.5320	0.8751	0.9718	0.6348	0.9012
37.9	0.7617	0.9534	0.2229	0.6473	0.8595	0.9762	0.5790	0.8945
38.0	0.7715	0.9272	0.0689	0.6266	0.8200	0.9632	0.6298	0.8474
38.1	0.7175	0.9259	0.0114	0.5414	0.7949	0.9563	0.6409	0.8147
38.2	0.8363	0.9450	0.0547	0.6560	0.7959	0.9564	0.6017	0.8028
38.3	0.9025	0.9362	0.1519	0.7479	0.7350	0.9554	0.5468	0.7760
38.4	0.8839	0.9294	0.1168	0.7220	0.6830	0.9515	0.5498	0.6808
38.5	0.8841	0.9154	0.1099	0.7366	0.6690	0.9322	0.4963	0.6805
38.6	0.9109	0.9230	0.1025	0.7513	0.7378	0.9427	0.5280	0.7579
38.7	0.9269	0.9480	0.1450	0.7982	0.6850	0.9506	0.6277	0.7094
38.8	0.9126	0.9353	0.0944	0.7665	0.6591	0.9137	0.6272	0.6658
38.9	0.9013	0.8982	0.0733	0.7317	0.6117	0.9027	0.6442	0.5575
39.0	0.9092	0.8874	0.1715	0.7696	0.6094	0.8887	0.5779	0.5018
39.1	0.9074	0.8887	0.1691	0.7425	0.6060	0.8884	0.5640	0.5257
39.2	0.9046	0.8609	0.1219	0.7354	0.4618	0.8568	0.6098	0.4548
39.3	0.9312	0.8800	0.1365	0.7871	0.4381	0.8456	0.6356	0.3791
39.4	0.9016	0.8180	0.1086	0.6796	0.4387	0.8141	0.5566	0.3424
39.5	0.8537	0.7716	0.0623	0.5640	0.2346	0.8026	0.4749	0.1357
39.6	0.8600	0.8280	0.0859	0.5860	0.1671	0.8065	0.5111	0.0941
39.7	0.8202	0.8018	0.0690	0.5099	0.1265	0.8218	0.4743	0.0471
39.8	0.8226	0.8410	0.0573	0.5349	0.1059	0.8573	0.4313	0.1054
39.9	0.8570	0.8674	0.1136	0.6069	0.0210	0.8383	0.4133	0.2274
40.0	0.8087	0.8739	0.0514	0.5427	0.0341	0.8632	0.3518	0.3480
40.1	0.8235	0.8377	0.0660	0.6040	0.0242	0.8643	0.4523	0.3564
40.2	0.7667	0.8021	0.0569	0.5202	0.0175	0.8542	0.3305	0.3693
40.3	0.7818	0.8482	0.0279	0.5800	0.0673	0.8441	0.4708	0.4067
40.4	0.7821	0.7854	0.0268	0.5682	0.0067	0.8182	0.4420	0.2697
40.5	0.8159	0.8039	0.1706	0.5138	0.0064	0.8078	0.3978	0.2526
40.6	0.7184	0.8135	0.0701	0.4828	0.0635	0.8184	0.3522	0.2880
40.7	0.6386	0.7779	0.0255	0.4754	0.1543	0.8142	0.2337	0.3589
40.8	0.7435	0.8322	0.1456	0.4975	0.2329	0.8172	0.3347	0.4125
40.9	0.6945	0.8310	0.0518	0.5743	0.2829	0.8251	0.3555	0.5069
41.0	0.6234	0.8351	0.0238	0.4942	0.1936	0.7837	0.2495	0.4570
41.1	0.4067	0.8184	0.0444	0.3489	0.2251	0.7753	0.0933	0.4171
41.2	0.4976	0.8233	0.0233	0.4761	0.2416	0.7544	0.1716	0.4215
41.3	0.5738	0.8163	0.0310	0.4337	0.2169	0.7726	0.1170	0.3850
41.4	0.6055	0.8228	0.0838	0.5026	0.2987	0.7811	0.1190	0.3873
41.5	0.6514	0.8040	0.1166	0.5784	0.3393	0.7566	0.1633	0.3637
41.6	0.5378	0.8033	0.0528	0.5447	0.2805	0.7026	0.0820	0.3324
41.7	0.4444	0.7813	0.0510	0.5608	0.2802	0.6581	0.0520	0.4601
41.8	0.3970	0.7989	0.1007	0.6212	0.3154	0.7292	0.0780	0.4715
41.9	0.4383	0.8230	0.1542	0.6007	0.3389	0.7313	0.0321	0.4574
42.0	0.3969	0.7428	0.1768	0.5534	0.3192	0.6592	0.0306	0.4686
42.1	0.3321	0.7195	0.2119	0.6009	0.4198	0.6751	0.0252	0.5355
42.2	0.1774	0.7891	0.1384	0.5373	0.3235	0.7224	0.0300	0.3476
42.3	0.0574	0.7473	0.2556	0.3556	0.5307	0.8154	0.0539	0.4130

42.4	0.0208	0.7176	0.1202	0.3925	0.4202	0.7412	0.0623	0.2904
42.5	0.1544	0.7115	0.1200	0.4040	0.4741	0.8043	0.0498	0.3322
42.6	0.5070	0.7008	0.1578	0.3552	0.6136	0.8295	0.1687	0.4919
42.7	0.6330	0.6373	0.2324	0.3281	0.5524	0.8052	0.1655	0.3628
42.8	0.6387	0.7028	0.3562	0.3222	0.4998	0.7752	0.1240	0.3366
42.9	0.4984	0.7230	0.3119	0.2799	0.4766	0.7798	0.1725	0.2366
43.0	0.6113	0.5724	0.1510	0.2612	0.5415	0.8427	0.2484	0.2515
43.1	0.6455	0.4487	0.2422	0.1443	0.6289	0.8885	0.3364	0.2453
43.2	0.7248	0.4840	0.3578	0.1459	0.6542	0.9074	0.4334	0.3194
43.3	0.7321	0.5462	0.3655	0.1387	0.5403	0.8515	0.3983	0.1135
43.4	0.6925	0.5623	0.3965	0.0759	0.4979	0.8662	0.3255	0.1004
43.5	0.5827	0.3927	0.3391	0.0115	0.5694	0.8663	0.1885	0.3767
43.6	0.5069	0.4423	0.3222	0.0058	0.6467	0.8815	0.1744	0.6343
43.7	0.3467	0.4270	0.2849	0.0089	0.5589	0.8682	0.1076	0.4392
43.8	0.5628	0.3389	0.2783	0.0519	0.5932	0.8665	0.1777	0.3460
43.9	0.7331	0.2821	0.2703	0.1230	0.4914	0.8842	0.2159	0.5935
44.0	0.7485	0.3379	0.3068	0.1065	0.5871	0.9340	0.1827	0.7343
44.1	0.7956	0.4410	0.3951	0.0474	0.6095	0.9496	0.1993	0.8163
44.2	0.6746	0.2168	0.3770	0.1341	0.5592	0.9221	0.2551	0.7046
44.3	0.1963	0.2081	0.2857	0.0441	0.6810	0.9471	0.0691	0.4219
44.4	0.1725	0.2687	0.2743	0.0592	0.6834	0.9569	0.0999	0.5970
44.5	0.6375	0.3397	0.2589	0.1323	0.5628	0.9146	0.3076	0.6440
44.6	0.6812	0.1830	0.2502	0.0270	0.4693	0.9003	0.2398	0.6159
44.7	0.6527	0.1156	0.4013	0.1215	0.6958	0.9333	0.2952	0.6189
44.8	0.7535	0.0489	0.3717	0.1809	0.5825	0.9114	0.2173	0.6892
44.9	0.7563	0.0269	0.3029	0.0592	0.5314	0.8900	0.1977	0.4217
45.0	0.7675	0.1049	0.3556	0.0123	0.6022	0.8463	0.2639	0.2136
45.1	0.7384	0.0298	0.2773	0.0878	0.6532	0.8893	0.3769	0.5617
45.2	0.7475	0.1728	0.2804	0.1470	0.7205	0.9244	0.4878	0.5149
45.3	0.7335	0.2793	0.2774	0.1102	0.6668	0.9124	0.4297	0.3096
45.4	0.7583	0.3110	0.2956	0.2166	0.5665	0.9318	0.4940	0.1998
45.5	0.8118	0.1881	0.4037	0.2129	0.5488	0.9367	0.4408	0.3615
45.6	0.8477	0.2751	0.4743	0.1435	0.5975	0.8674	0.4249	0.3652
45.7	0.7049	0.3541	0.3053	0.1783	0.6275	0.8948	0.5207	0.3150
45.8	0.5470	0.2036	0.1675	0.2145	0.6141	0.9234	0.5001	0.1826
45.9	0.6764	0.1197	0.3479	0.3936	0.4962	0.9238	0.5279	0.0311
46.0	0.7624	0.2588	0.3896	0.4212	0.5886	0.9413	0.6229	0.3018
46.1	0.7444	0.3536	0.3386	0.3699	0.7076	0.9490	0.6526	0.4634
46.2	0.6648	0.1990	0.2623	0.3718	0.7258	0.9402	0.6025	0.3620
46.3	0.7720	0.0970	0.4251	0.5092	0.7529	0.9719	0.6874	0.4991
46.4	0.7391	0.0954	0.3390	0.5022	0.8036	0.9782	0.7403	0.6488
46.5	0.7300	0.3013	0.2585	0.5194	0.8137	0.9536	0.6644	0.8151
46.6	0.6220	0.5450	0.1780	0.4713	0.8247	0.9620	0.6702	0.8044
46.7	0.4703	0.7035	0.1655	0.4909	0.8182	0.9653	0.6826	0.7756
46.8	0.6130	0.7315	0.3851	0.6368	0.8006	0.9526	0.7588	0.7943
46.9	0.6824	0.7156	0.5155	0.6878	0.7905	0.9516	0.7575	0.7758
47.0	0.6899	0.6316	0.4677	0.5722	0.7771	0.9655	0.6724	0.5037
47.1	0.7010	0.6981	0.4174	0.5725	0.7374	0.9732	0.7590	0.1593
47.2	0.5313	0.7333	0.3483	0.5340	0.6476	0.9368	0.7311	0.6450
47.3	0.5254	0.7763	0.3216	0.5581	0.6689	0.9076	0.7352	0.7717
47.4	0.6098	0.8016	0.3132	0.4830	0.7210	0.9035	0.6968	0.6918
47.5	0.7640	0.8205	0.4161	0.4939	0.7447	0.9162	0.6806	0.5194
47.6	0.8485	0.8115	0.5248	0.5639	0.7258	0.9431	0.7261	0.1107
47.7	0.8259	0.8037	0.6325	0.4844	0.6882	0.9408	0.7929	0.6975
47.8	0.7655	0.7658	0.6357	0.3089	0.6319	0.9570	0.7857	0.8902
47.9	0.5593	0.7339	0.6537	0.0655	0.4668	0.9411	0.7432	0.9018
48.0	0.5502	0.8063	0.7114	0.0934	0.6628	0.9277	0.7664	0.9529
48.1	0.5300	0.8327	0.5707	0.0719	0.5687	0.9217	0.7874	0.9424
48.2	0.5270	0.8251	0.5843	0.0559	0.4614	0.9390	0.8137	0.9306
48.3	0.5082	0.7802	0.6511	0.1419	0.6478	0.9490	0.8220	0.9066
48.4	0.2220	0.6583	0.5870	0.0145	0.5109	0.9027	0.7284	0.7894
48.5	0.0665	0.6237	0.4632	0.1434	0.3598	0.9283	0.6284	0.8447
48.6	0.0227	0.6842	0.4145	0.4039	0.6557	0.9428	0.6545	0.9395
48.7	0.0985	0.6825	0.4642	0.3841	0.6611	0.9667	0.7257	0.9417
48.8	0.1880	0.6992	0.5441	0.2266	0.6754	0.9770	0.7982	0.9231
48.9	0.2930	0.6866	0.5242	0.0153	0.5773	0.9130	0.7424	0.8325
49.0	0.4207	0.6293	0.4217	0.2060	0.1083	0.7790	0.4078	0.5480
49.1	0.4151	0.7348	0.4578	0.5800	0.0915	0.9389	0.4376	0.8847
49.2	0.4048	0.7628	0.4537	0.6417	0.3771	0.9562	0.5507	0.9293
49.3	0.3432	0.7853	0.4558	0.6445	0.6545	0.9685	0.6169	0.9478
49.4	0.1651	0.7440	0.4009	0.6655	0.6990	0.9531	0.7082	0.9286
49.5	0.4453	0.7180	0.4278	0.4675	0.5374	0.9438	0.5510	0.8679
49.6	0.5439	0.7972	0.4499	0.3745	0.2576	0.9736	0.5350	0.8301
49.7	0.4952	0.7781	0.3825	0.4405	0.0083	0.9506	0.4426	0.6956
49.8	0.5058	0.7754	0.2802	0.7056	0.2913	0.9672	0.4392	0.8629
49.9	0.3628	0.7472	0.1829	0.7821	0.4136	0.9623	0.3039	0.8884
50.0	0.3317	0.7409	0.2140	0.7085	0.4808	0.9425	0.1945	0.8900
50.1	0.5172	0.7821	0.2621	0.6728	0.3437	0.9477	0.2163	0.7981
50.2	0.3790	0.8029	0.4797	0.6480	0.2759	0.9648	0.5330	0.7730
50.3	0.1358	0.8042	0.3110	0.6642	0.2203	0.9704	0.5778	0.7609
50.4	0.3436	0.7352	0.2653	0.7240	0.6439	0.9620	0.5220	0.8960
50.5	0.7070	0.6149	0.3613	0.7452	0.7277	0.9494	0.5352	0.9308
50.6	0.6809	0.6681	0.3693	0.7876	0.6901	0.9197	0.2845	0.9138
50.7	0.5855	0.6179	0.2450	0.7895	0.7059	0.9373	0.2514	0.9179
50.8	0.7838	0.5461	0.4916	0.8730	0.7052	0.9468	0.1173	0.9165
50.9	0.8004	0.4541	0.5052	0.8331	0.7612	0.9404	0.1101	0.9174

51.0	0.7407	0.1814	0.5006	0.7965	0.7627	0.8741	0.0987	0.8934
51.1	0.7266	0.4634	0.4759	0.7540	0.6735	0.8195	0.0236	0.8785
51.2	0.6860	0.6837	0.5499	0.7684	0.2800	0.8985	0.1970	0.7408
51.3	0.5844	0.7153	0.5373	0.8046	0.6151	0.9445	0.5087	0.8739
51.4	0.6379	0.4978	0.4664	0.8329	0.8573	0.9400	0.5009	0.9431
51.5	0.5517	0.1188	0.4328	0.7997	0.8429	0.9194	0.3851	0.9283
51.6	0.6215	0.4720	0.5706	0.8345	0.8095	0.9091	0.2399	0.9345
51.7	0.7938	0.6917	0.5943	0.8521	0.7522	0.9472	0.2006	0.9084
51.8	0.7842	0.7128	0.5732	0.8310	0.5662	0.9503	0.1396	0.8515
51.9	0.6793	0.6210	0.6276	0.8172	0.5806	0.9396	0.2166	0.8630
52.0	0.7244	0.5787	0.6045	0.8116	0.6232	0.9562	0.2411	0.8563
52.1	0.7955	0.6470	0.6813	0.7869	0.1630	0.9696	0.4380	0.5245
52.2	0.8212	0.6682	0.6753	0.7978	0.6301	0.9780	0.6664	0.7885
52.3	0.7226	0.6350	0.5986	0.7889	0.8256	0.9540	0.5854	0.8988
52.4	0.5864	0.3326	0.6605	0.8270	0.8980	0.9549	0.5350	0.9304
52.5	0.7176	0.2529	0.6752	0.8373	0.8218	0.9655	0.3464	0.9171
52.6	0.8437	0.5238	0.8059	0.9207	0.6749	0.9545	0.3088	0.8811
52.7	0.6575	0.5810	0.7458	0.8979	0.8205	0.9306	0.4213	0.9084
52.8	0.6662	0.8189	0.7264	0.8671	0.8358	0.9578	0.3415	0.9161
52.9	0.8107	0.7908	0.7886	0.8651	0.4412	0.9713	0.2312	0.7220
53.0	0.8422	0.7925	0.7814	0.8542	0.7112	0.9634	0.6455	0.7912
53.1	0.6239	0.7003	0.6866	0.8206	0.8759	0.9541	0.7380	0.9090
53.2	0.6513	0.7868	0.7194	0.8472	0.9383	0.9776	0.7154	0.9524
53.3	0.8058	0.7985	0.7564	0.8805	0.9144	0.9848	0.7869	0.9379
53.4	0.8730	0.8738	0.8260	0.8980	0.7585	0.9854	0.8041	0.8400
53.5	0.9108	0.8664	0.8645	0.9024	0.5290	0.9703	0.8080	0.6390
53.6	0.8973	0.7509	0.8851	0.9060	0.8603	0.9756	0.8877	0.8768
53.7	0.8258	0.8724	0.8680	0.9256	0.9667	0.9794	0.8910	0.9684
53.8	0.8038	0.9292	0.8659	0.9298	0.9811	0.9679	0.8777	0.9752
53.9	0.8899	0.9369	0.8769	0.9375	0.9840	0.9843	0.9173	0.9800
54.0	0.9076	0.9274	0.8729	0.9327	0.9872	0.9895	0.9491	0.9840
54.1	0.8665	0.7302	0.8765	0.9304	0.9826	0.9746	0.9147	0.9791
54.2	0.6668	0.6977	0.8700	0.9019	0.9809	0.9479	0.9028	0.9765
54.3	0.7883	0.8842	0.8959	0.9134	0.9667	0.9641	0.9371	0.9626
54.4	0.9085	0.9494	0.8701	0.9270	0.9800	0.9854	0.9400	0.9680
54.5	0.9047	0.9604	0.8447	0.9227	0.9851	0.9885	0.9458	0.9768
54.6	0.8811	0.9577	0.8292	0.9006	0.9785	0.9822	0.9412	0.9709
54.7	0.7892	0.9386	0.8075	0.8639	0.9664	0.9743	0.9346	0.9566
54.8	0.5956	0.9348	0.8287	0.8663	0.9752	0.9722	0.8759	0.9552
54.9	0.8103	0.9509	0.8196	0.9004	0.9800	0.9798	0.9176	0.9734
55.0	0.8926	0.9511	0.7982	0.9033	0.9840	0.9868	0.9298	0.9748
55.1	0.8623	0.9548	0.7372	0.8552	0.9859	0.9860	0.9094	0.9716
55.2	0.8525	0.9397	0.6982	0.8367	0.9831	0.9881	0.8937	0.9727
55.3	0.8630	0.9293	0.7060	0.8320	0.9867	0.9842	0.8963	0.9768
55.4	0.8887	0.8884	0.7138	0.8719	0.9894	0.9858	0.9185	0.9850
55.5	0.8768	0.7764	0.7845	0.8876	0.9797	0.9705	0.9275	0.9793
55.6	0.8762	0.8877	0.7756	0.8830	0.9720	0.9758	0.9187	0.9664
55.7	0.9077	0.9422	0.7621	0.9003	0.9843	0.9886	0.9318	0.9796
55.8	0.9020	0.9406	0.7680	0.8983	0.9830	0.9881	0.9082	0.9796
55.9	0.8844	0.9206	0.7586	0.8695	0.9819	0.9891	0.8952	0.9803
56.0	0.8196	0.7682	0.7237	0.7940	0.9596	0.9638	0.8703	0.9595
56.1	0.8224	0.8358	0.7356	0.8166	0.9541	0.9568	0.8564	0.9637
56.2	0.8956	0.9285	0.7997	0.8692	0.9783	0.9833	0.8715	0.9753
56.3	0.9084	0.9191	0.7969	0.8584	0.9795	0.9896	0.8736	0.9703
56.4	0.8704	0.9053	0.7454	0.8213	0.9777	0.9795	0.8807	0.9738
56.5	0.8603	0.8994	0.7306	0.8423	0.9738	0.9779	0.8539	0.9718
56.6	0.8771	0.9014	0.7410	0.8695	0.9782	0.9802	0.8421	0.9732
56.7	0.8858	0.9173	0.6748	0.8547	0.9826	0.9811	0.8725	0.9820
56.8	0.8617	0.9131	0.6262	0.8069	0.9843	0.9726	0.8178	0.9787
56.9	0.8605	0.8950	0.6292	0.8177	0.9816	0.9658	0.7724	0.9725
57.0	0.9008	0.9130	0.6687	0.8685	0.9820	0.9763	0.8101	0.9746
57.1	0.9204	0.8986	0.6962	0.8716	0.9791	0.9804	0.8496	0.9714
57.2	0.9115	0.8897	0.6956	0.8696	0.9729	0.9703	0.7900	0.9578
57.3	0.9231	0.9309	0.6613	0.9126	0.9791	0.9741	0.8009	0.9700
57.4	0.9394	0.9495	0.7235	0.9252	0.9813	0.9837	0.8339	0.9747
57.5	0.9182	0.9431	0.6749	0.8835	0.9799	0.9814	0.7833	0.9650
57.6	0.9080	0.9355	0.6279	0.8703	0.9785	0.9771	0.7496	0.9692
57.7	0.9418	0.9593	0.7330	0.9063	0.9840	0.9855	0.7877	0.9708
57.8	0.9478	0.9504	0.7357	0.9043	0.9799	0.9842	0.7432	0.9597
57.9	0.9345	0.9442	0.7119	0.8861	0.9802	0.9780	0.7042	0.9556
58.0	0.9037	0.9387	0.6002	0.8427	0.9747	0.9715	0.7344	0.9565
58.1	0.9243	0.9597	0.6471	0.8649	0.9784	0.9780	0.7982	0.9585
58.2	0.9259	0.9571	0.6886	0.8720	0.9738	0.9769	0.8092	0.9453
58.3	0.9267	0.9523	0.7021	0.8525	0.8988	0.9740	0.7829	0.7244
58.4	0.9314	0.9495	0.7645	0.7907	0.9086	0.9715	0.6957	0.8034
58.5	0.9340	0.9588	0.6948	0.8335	0.9767	0.9786	0.7883	0.9474
58.6	0.8992	0.9634	0.5686	0.8245	0.9819	0.9665	0.8106	0.9573
58.7	0.9265	0.9562	0.5760	0.8511	0.9801	0.9687	0.8732	0.9596
58.8	0.9377	0.9595	0.6023	0.8601	0.9806	0.9721	0.8723	0.9575
58.9	0.9140	0.9707	0.4882	0.8434	0.9865	0.9613	0.8917	0.9602
59.0	0.9024	0.9348	0.4546	0.8183	0.9778	0.9518	0.9286	0.9509
59.1	0.9192	0.9281	0.5316	0.8259	0.9715	0.9541	0.9129	0.9245
59.2	0.9065	0.9437	0.4970	0.8199	0.9690	0.9518	0.9237	0.9231
59.3	0.9349	0.9514	0.5962	0.8811	0.9779	0.9633	0.9387	0.9286
59.4	0.9613	0.9679	0.7487	0.9211	0.9864	0.9741	0.9481	0.9436
59.5	0.9406	0.9597	0.7104	0.8915	0.9799	0.9590	0.9502	0.9390

59.6	0.9268	0.9433	0.7082	0.8821	0.9754	0.9482	0.9393	0.9039
59.7	0.9424	0.9549	0.6950	0.8951	0.9809	0.9567	0.9574	0.9257
59.8	0.9281	0.9520	0.7483	0.8932	0.9774	0.9523	0.9565	0.9293
59.9	0.9268	0.9511	0.7579	0.8959	0.9741	0.9570	0.7375	0.7868
60.0	0.9469	0.9601	0.8102	0.9202	0.9806	0.9615	0.3711	0.5296
60.1	0.9247	0.9564	0.7639	0.9067	0.9810	0.9374	0.6086	0.6838
60.2	0.9110	0.9420	0.7319	0.8990	0.9802	0.9309	0.9271	0.8619
60.3	0.9355	0.9466	0.8001	0.9268	0.9831	0.9409	0.9314	0.8891
60.4	0.9465	0.9431	0.8006	0.9364	0.9769	0.9425	0.9380	0.8800
60.5	0.9414	0.9364	0.7843	0.9320	0.9748	0.9429	0.9378	0.8181
60.6	0.9577	0.9223	0.8509	0.9462	0.9768	0.9585	0.9474	0.8206
60.7	0.9399	0.8671	0.8074	0.9328	0.9703	0.9387	0.9454	0.7499
60.8	0.9304	0.8808	0.8022	0.9321	0.9754	0.9241	0.9362	0.7370
60.9	0.9272	0.8908	0.8231	0.9182	0.9653	0.9199	0.9334	0.6216
61.0	0.9344	0.8891	0.8568	0.9303	0.9689	0.9196	0.9235	0.6015
61.1	0.9331	0.8957	0.8335	0.9403	0.9694	0.9022	0.9336	0.6646
61.2	0.9310	0.9103	0.8382	0.9451	0.9693	0.9048	0.9272	0.6402
61.3	0.9385	0.9032	0.8679	0.9444	0.9656	0.9222	0.9265	0.6265
61.4	0.9176	0.8738	0.8182	0.9342	0.9484	0.9024	0.9030	0.6547
61.5	0.9464	0.9157	0.8990	0.9539	0.9551	0.9265	0.9276	0.6167
61.6	0.9425	0.9333	0.8938	0.9597	0.9573	0.9201	0.9242	0.6586
61.7	0.9091	0.9030	0.8584	0.9378	0.9386	0.8914	0.8836	0.5601
61.8	0.9123	0.9006	0.9014	0.9489	0.9381	0.8986	0.9037	0.6296
61.9	0.9277	0.9233	0.9194	0.9589	0.9245	0.9307	0.8945	0.6022
62.0	0.9255	0.9008	0.9054	0.9523	0.9160	0.9184	0.8909	0.5043
62.1	0.9105	0.8516	0.8823	0.9331	0.9214	0.8960	0.8583	0.5213
62.2	0.9235	0.8929	0.8894	0.9477	0.9265	0.9039	0.8312	0.5025
62.3	0.9325	0.8957	0.9095	0.9536	0.9124	0.9170	0.8351	0.4419
62.4	0.9460	0.9026	0.9356	0.9598	0.9184	0.9292	0.8620	0.4742
62.5	0.9523	0.9283	0.9486	0.9632	0.9400	0.9462	0.8536	0.4591
62.6	0.9579	0.9274	0.9603	0.9680	0.9328	0.9608	0.8633	0.4369
62.7	0.9584	0.9132	0.9545	0.9648	0.9268	0.9584	0.8058	0.5175
62.8	0.9724	0.9235	0.9652	0.9746	0.9409	0.9692	0.8313	0.6496
62.9	0.9705	0.9352	0.9672	0.9725	0.9259	0.9680	0.7950	0.5157
63.0	0.9770	0.9353	0.9660	0.9767	0.9157	0.9714	0.7697	0.5427
63.1	0.9731	0.9408	0.9670	0.9753	0.9302	0.9727	0.7792	0.6819
63.2	0.9615	0.9283	0.9624	0.9686	0.9008	0.9692	0.8007	0.7544
63.3	0.9563	0.9145	0.9652	0.9648	0.8349	0.9728	0.7466	0.7209
63.4	0.9703	0.9410	0.9775	0.9744	0.8785	0.9803	0.6878	0.8024
63.5	0.9824	0.9545	0.9833	0.9806	0.9208	0.9828	0.7093	0.8664
63.6	0.9820	0.9445	0.9846	0.9815	0.8935	0.9836	0.6494	0.8804
63.7	0.9818	0.9517	0.9873	0.9818	0.8821	0.9875	0.6206	0.8777
63.8	0.9859	0.9567	0.9884	0.9843	0.9001	0.9901	0.5788	0.8851
63.9	0.9853	0.9479	0.9882	0.9839	0.8930	0.9894	0.4590	0.8752
64.0	0.9716	0.9437	0.9864	0.9777	0.8224	0.9868	0.4564	0.8364
64.1	0.9757	0.9472	0.9864	0.9770	0.8551	0.9854	0.4330	0.8685
64.2	0.9746	0.9421	0.9832	0.9769	0.8441	0.9852	0.2356	0.8410
64.3	0.9777	0.9363	0.9876	0.9827	0.8354	0.9873	0.1856	0.8286
64.4	0.9763	0.9424	0.9891	0.9818	0.8474	0.9870	0.2659	0.8581
64.5	0.9794	0.9526	0.9887	0.9847	0.8517	0.9875	0.3904	0.8692
64.6	0.9833	0.9621	0.9919	0.9867	0.8694	0.9882	0.4426	0.9141
64.7	0.9833	0.9637	0.9913	0.9840	0.8591	0.9909	0.4219	0.9014
64.8	0.9824	0.9646	0.9914	0.9859	0.8588	0.9896	0.4933	0.8892
64.9	0.9784	0.9561	0.9895	0.9849	0.8326	0.9862	0.5873	0.8595
65.0	0.9795	0.9679	0.9882	0.9865	0.8711	0.9855	0.6641	0.8478
65.1	0.9756	0.9591	0.9884	0.9843	0.8660	0.9836	0.6440	0.8661
65.2	0.9648	0.9523	0.9867	0.9794	0.7931	0.9839	0.6737	0.8363
65.3	0.9778	0.9657	0.9898	0.9847	0.8389	0.9890	0.7676	0.8702
65.4	0.9782	0.9701	0.9892	0.9885	0.8480	0.9896	0.8242	0.9008
65.5	0.9823	0.9718	0.9889	0.9901	0.8672	0.9872	0.8424	0.9076
65.6	0.9860	0.9790	0.9910	0.9908	0.9009	0.9892	0.8843	0.9253
65.7	0.9810	0.9746	0.9869	0.9884	0.8915	0.9904	0.8592	0.9055
65.8	0.9762	0.9632	0.9817	0.9872	0.8505	0.9877	0.8436	0.8930
65.9	0.9704	0.9560	0.9758	0.9860	0.7895	0.9851	0.8357	0.8926
66.0	0.9774	0.9649	0.9802	0.9898	0.8358	0.9858	0.8280	0.8754
66.1	0.9782	0.9693	0.9851	0.9889	0.8682	0.9811	0.8504	0.8819
66.2	0.9721	0.9641	0.9798	0.9868	0.8389	0.9800	0.8769	0.8678
66.3	0.9704	0.9724	0.9780	0.9902	0.8531	0.9817	0.8907	0.8595
66.4	0.9607	0.9662	0.9683	0.9883	0.8049	0.9748	0.8529	0.8271
66.5	0.9571	0.9589	0.9644	0.9853	0.8111	0.9686	0.8365	0.8700
66.6	0.9662	0.9713	0.9735	0.9897	0.8697	0.9818	0.8926	0.8756
66.7	0.9659	0.9811	0.9798	0.9909	0.8987	0.9870	0.9204	0.8736
66.8	0.9603	0.9787	0.9759	0.9884	0.8956	0.9823	0.9269	0.8382
66.9	0.9449	0.9685	0.9457	0.9829	0.8535	0.9572	0.8679	0.7701
67.0	0.9341	0.9598	0.9381	0.9849	0.8335	0.9564	0.8804	0.7722
67.1	0.9463	0.9731	0.9605	0.9900	0.8941	0.9710	0.9196	0.7716
67.2	0.9551	0.9795	0.9719	0.9891	0.9220	0.9721	0.9318	0.7949
67.3	0.9482	0.9776	0.9725	0.9871	0.9102	0.9729	0.9324	0.7772
67.4	0.9486	0.9794	0.9723	0.9902	0.8968	0.9742	0.9332	0.7695
67.5	0.9158	0.9797	0.9629	0.9884	0.8825	0.9683	0.9288	0.6511
67.6	0.9128	0.9714	0.9639	0.9863	0.8993	0.9637	0.9361	0.6156
67.7	0.9238	0.9687	0.9632	0.9833	0.9148	0.9680	0.9452	0.7341
67.8	0.9207	0.9752	0.9728	0.9863	0.9046	0.9779	0.9423	0.7113
67.9	0.8981	0.9769	0.9735	0.9885	0.8900	0.9783	0.9520	0.6680
68.0	0.9156	0.9792	0.9754	0.9849	0.9269	0.9750	0.9581	0.6253
68.1	0.8724	0.9712	0.9704	0.9853	0.9037	0.9684	0.9415	0.5162

68.2	0.8396	0.9629	0.9617	0.9890	0.8665	0.9676	0.9271	0.4493
68.3	0.8570	0.9706	0.9622	0.9879	0.8829	0.9730	0.9560	0.4441
68.4	0.8782	0.9734	0.9633	0.9839	0.9074	0.9812	0.9566	0.4979
68.5	0.8656	0.9694	0.9509	0.9786	0.8937	0.9748	0.9542	0.4902
68.6	0.8460	0.9688	0.9538	0.9810	0.8881	0.9704	0.9462	0.5186
68.7	0.8707	0.9800	0.9764	0.9875	0.9251	0.9816	0.9611	0.5713
68.8	0.8516	0.9795	0.9635	0.9817	0.9013	0.9832	0.9487	0.5445
68.9	0.8594	0.9786	0.9639	0.9830	0.8871	0.9835	0.9543	0.6429
69.0	0.8579	0.9820	0.9788	0.9848	0.8938	0.9793	0.9669	0.7129
69.1	0.8054	0.9869	0.9707	0.9773	0.8820	0.9784	0.9608	0.7469
69.2	0.7521	0.9818	0.9643	0.9728	0.8642	0.9794	0.9623	0.7021
69.3	0.6899	0.9792	0.9685	0.9766	0.8640	0.9828	0.9655	0.6813
69.4	0.5740	0.9715	0.9680	0.9707	0.8091	0.9823	0.9456	0.5560
69.5	0.6024	0.9646	0.9613	0.9614	0.7379	0.9784	0.9351	0.5769
69.6	0.7346	0.9706	0.9601	0.9629	0.7736	0.9804	0.9565	0.7207
69.7	0.8308	0.9760	0.9676	0.9698	0.6837	0.9848	0.9601	0.6702
69.8	0.8597	0.9691	0.9639	0.9561	0.5874	0.9801	0.9418	0.6648
69.9	0.8404	0.9662	0.9657	0.9541	0.5860	0.9761	0.9446	0.7326
70.0	0.8552	0.9738	0.9689	0.9552	0.4441	0.9773	0.9473	0.7114
70.1	0.8743	0.9741	0.9730	0.9563	0.3768	0.9797	0.9366	0.6611
70.2	0.8800	0.9686	0.9740	0.9439	0.2685	0.9758	0.9346	0.6479
70.3	0.8965	0.9668	0.9688	0.9175	0.3355	0.9659	0.9248	0.6172
70.4	0.8855	0.9622	0.9700	0.8787	0.2685	0.9526	0.9215	0.5315
70.5	0.9075	0.9675	0.9668	0.8909	0.3027	0.9552	0.9373	0.5597
70.6	0.9449	0.9733	0.9708	0.9003	0.5303	0.9651	0.9304	0.5930
70.7	0.9109	0.9674	0.9613	0.8896	0.5102	0.9566	0.9077	0.3829
70.8	0.8868	0.9631	0.9651	0.8849	0.5342	0.9502	0.9274	0.3571
70.9	0.8909	0.9607	0.9633	0.8591	0.5956	0.9523	0.9157	0.4502
71.0	0.8929	0.9521	0.9398	0.8251	0.6263	0.9430	0.8918	0.3943
71.1	0.9049	0.9503	0.9358	0.7802	0.6493	0.9193	0.8883	0.3595
71.2	0.9198	0.9656	0.9586	0.8052	0.7164	0.9309	0.9188	0.4443
71.3	0.9402	0.9687	0.9594	0.8382	0.7369	0.9404	0.9274	0.4572
71.4	0.9395	0.9620	0.9361	0.7743	0.7707	0.9255	0.9076	0.4493
71.5	0.9133	0.9479	0.8999	0.7043	0.7465	0.8985	0.8933	0.4775
71.6	0.9027	0.9444	0.8844	0.6592	0.8145	0.9033	0.9092	0.6097
71.7	0.8945	0.9282	0.8601	0.5361	0.7957	0.8464	0.8909	0.5811
71.8	0.8791	0.9456	0.8347	0.5850	0.7955	0.8586	0.9065	0.5576
71.9	0.8789	0.9217	0.7708	0.5317	0.7817	0.8234	0.8869	0.5404
72.0	0.8608	0.9122	0.7441	0.4136	0.7630	0.7720	0.8489	0.5308
72.1	0.8692	0.9101	0.7067	0.4713	0.7766	0.8181	0.8492	0.5447
72.2	0.9027	0.8971	0.5910	0.3610	0.8364	0.7111	0.8399	0.6883
72.3	0.8516	0.8983	0.3922	0.3974	0.7683	0.6988	0.8519	0.6563
72.4	0.8405	0.9090	0.3893	0.3809	0.8058	0.6834	0.8491	0.6947
72.5	0.8427	0.9200	0.4034	0.3649	0.7765	0.6653	0.8396	0.7302
72.6	0.8315	0.9216	0.2574	0.3776	0.7843	0.6875	0.8770	0.7152
72.7	0.8280	0.9023	0.1738	0.3519	0.7860	0.6428	0.8323	0.6765
72.8	0.8304	0.8982	0.2421	0.4397	0.7815	0.7290	0.8397	0.7058
72.9	0.8266	0.8705	0.2498	0.1973	0.8117	0.5782	0.8109	0.7664
73.0	0.8343	0.8685	0.1746	0.1287	0.8141	0.4805	0.7955	0.7477
73.1	0.8620	0.8975	0.1274	0.1538	0.8414	0.5128	0.8158	0.7804
73.2	0.8098	0.9045	0.1213	0.1459	0.8258	0.4624	0.8175	0.8226
73.3	0.8129	0.9121	0.0713	0.1721	0.8237	0.5213	0.8298	0.8205
73.4	0.8231	0.8870	0.1364	0.0527	0.8203	0.3863	0.7725	0.8032
73.5	0.7813	0.9098	0.1329	0.0592	0.8065	0.3701	0.8068	0.8162
73.6	0.7893	0.8958	0.2318	0.0106	0.7903	0.2579	0.7445	0.8367
73.7	0.7895	0.8438	0.1922	0.0160	0.7568	0.2383	0.6512	0.7601
73.8	0.7852	0.8714	0.0986	0.0542	0.7907	0.2968	0.7100	0.7525
73.9	0.7620	0.8748	0.1343	0.0370	0.7570	0.2425	0.7234	0.7359
74.0	0.7529	0.8699	0.1311	0.0760	0.7530	0.2884	0.7358	0.7732
74.1	0.7588	0.8655	0.1679	0.1191	0.7647	0.2169	0.7143	0.7866
74.2	0.7475	0.8921	0.2761	0.0784	0.7887	0.1608	0.7196	0.8305
74.3	0.6820	0.9041	0.3062	0.0843	0.7695	0.1827	0.7198	0.8333
74.4	0.7023	0.8883	0.3273	0.0535	0.7862	0.1028	0.6794	0.8456
74.5	0.6654	0.8765	0.1955	0.0546	0.8505	0.2591	0.7143	0.8808
74.6	0.5926	0.8944	0.3135	0.1462	0.8498	0.3828	0.7633	0.8948
74.7	0.6995	0.9371	0.4961	0.1191	0.8986	0.2675	0.8386	0.9226
74.8	0.6097	0.9324	0.5146	0.0814	0.8679	0.1770	0.8353	0.9062
74.9	0.5340	0.9101	0.5292	0.0516	0.7966	0.1248	0.8184	0.8828
75.0	0.6041	0.9268	0.5960	0.0254	0.8315	0.2923	0.8358	0.9106
75.1	0.6158	0.9435	0.6489	0.0180	0.8768	0.3267	0.8547	0.9351
75.2	0.5660	0.9036	0.6614	0.0588	0.8554	0.3035	0.8432	0.9199
75.3	0.5434	0.9137	0.6576	0.0110	0.8712	0.2974	0.8768	0.9282
75.4	0.5468	0.9316	0.5714	0.0377	0.8894	0.2189	0.8759	0.9287
75.5	0.5958	0.9357	0.6206	0.0204	0.9016	0.2679	0.8895	0.9490
75.6	0.6637	0.9588	0.7095	0.0032	0.8965	0.2969	0.9205	0.9576
75.7	0.7292	0.9609	0.8028	0.0430	0.9163	0.4012	0.9440	0.9595
75.8	0.7437	0.9508	0.8259	0.1038	0.9103	0.4193	0.9405	0.9606
75.9	0.8171	0.9594	0.8201	0.0553	0.9075	0.3991	0.9494	0.9629
76.0	0.7989	0.9588	0.7902	0.0574	0.9276	0.4311	0.9539	0.9694
76.1	0.6968	0.9533	0.7582	0.0947	0.9116	0.4237	0.9537	0.9679
76.2	0.6361	0.9241	0.7025	0.0077	0.8466	0.2012	0.9343	0.9390
76.3	0.7751	0.9490	0.8010	0.1051	0.8954	0.2050	0.9555	0.9613
76.4	0.7331	0.9557	0.8217	0.1249	0.9115	0.1963	0.9550	0.9676
76.5	0.7047	0.9446	0.8064	0.0895	0.9032	0.1692	0.9538	0.9690
76.6	0.6991	0.9500	0.8209	0.1098	0.8971	0.1169	0.9684	0.9694
76.7	0.7006	0.9487	0.7942	0.0341	0.8636	0.0200	0.9713	0.9628

76.8	0.7005	0.9551	0.8267	0.0010	0.8923	0.1026	0.9765	0.9703
76.9	0.6546	0.9561	0.8632	0.0050	0.9012	0.1258	0.9662	0.9691
77.0	0.5572	0.9562	0.8288	0.0929	0.8691	0.0906	0.9649	0.9613
77.1	0.5036	0.9508	0.8370	0.0135	0.8730	0.1398	0.9643	0.9579
77.2	0.4159	0.9435	0.8296	0.0945	0.8500	0.3676	0.9695	0.9555
77.3	0.4342	0.9543	0.8113	0.2148	0.8808	0.5326	0.9809	0.9709
77.4	0.5536	0.9675	0.8382	0.2595	0.9063	0.6440	0.9897	0.9787
77.5	0.5104	0.9537	0.8244	0.2739	0.8864	0.7097	0.9810	0.9753
77.6	0.5172	0.9447	0.8567	0.4310	0.8877	0.7135	0.9757	0.9709
77.7	0.6355	0.9367	0.8475	0.5004	0.8751	0.7573	0.9738	0.9670
77.8	0.7311	0.9411	0.8508	0.5681	0.8888	0.7768	0.9735	0.9628
77.9	0.6399	0.9229	0.7624	0.4060	0.8325	0.7675	0.9633	0.9502
78.0	0.7034	0.9443	0.7751	0.5767	0.8112	0.7861	0.9761	0.9572
78.1	0.7813	0.9555	0.8303	0.7113	0.8717	0.8345	0.9833	0.9673
78.2	0.7490	0.9420	0.8253	0.7271	0.8848	0.8153	0.9760	0.9640
78.3	0.7992	0.9369	0.7704	0.7717	0.8775	0.8135	0.9796	0.9633
78.4	0.8497	0.9376	0.7962	0.8176	0.8774	0.8598	0.9789	0.9707
78.5	0.8793	0.9369	0.8595	0.8595	0.8904	0.8680	0.9809	0.9796
78.6	0.8895	0.9454	0.8804	0.8878	0.8961	0.8703	0.9815	0.9787
78.7	0.9143	0.9578	0.7921	0.8993	0.9287	0.9079	0.9848	0.9801
78.8	0.9355	0.9517	0.8500	0.9125	0.9296	0.9063	0.9831	0.9785
78.9	0.9213	0.9377	0.8859	0.9000	0.9040	0.8985	0.9796	0.9746
79.0	0.8803	0.9364	0.8497	0.8553	0.8830	0.8635	0.9758	0.9632
79.1	0.8824	0.9337	0.8721	0.9111	0.9025	0.8509	0.9754	0.9712
79.2	0.9094	0.9485	0.8456	0.9208	0.9209	0.8793	0.9818	0.9785
79.3	0.9065	0.9397	0.8070	0.9289	0.8841	0.8960	0.9771	0.9737
79.4	0.8895	0.9323	0.7930	0.9155	0.8827	0.8931	0.9745	0.9687
79.5	0.9087	0.9474	0.8516	0.9367	0.9041	0.9201	0.9801	0.9786
79.6	0.9230	0.9511	0.8741	0.9425	0.9169	0.9416	0.9821	0.9827
79.7	0.9253	0.9536	0.8832	0.9529	0.9393	0.9551	0.9826	0.9849
79.8	0.9287	0.9525	0.8259	0.9525	0.9305	0.9536	0.9824	0.9814
79.9	0.9426	0.9526	0.8607	0.9549	0.9081	0.9477	0.9827	0.9802
80.0	0.9235	0.9526	0.8406	0.9493	0.9077	0.9494	0.9812	0.9801

2.2.22 Run 2 – IP270-200 – Accels 25–32

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.8426	0.9858	0.9909	0.9905	0.1025	0.8799	0.7451	0.8078
0.1	0.5734	0.8997	0.9041	0.8992	0.0737	0.6982	0.5607	0.6499
0.2	0.0213	0.0196	0.0602	0.0254	0.0298	0.0270	0.0896	0.0452
0.3	0.0087	0.0012	0.0853	0.0267	0.0116	0.0005	0.0242	0.0423
0.4	0.0021	0.0035	0.0159	0.0141	0.0134	0.1076	0.0212	0.0002
0.5	0.0353	0.0444	0.0447	0.0276	0.0273	0.0483	0.0035	0.0062
0.6	0.0460	0.0127	0.0525	0.0003	0.0290	0.0178	0.0251	0.0540
0.7	0.0308	0.0007	0.0303	0.0231	0.0604	0.0658	0.0196	0.0621
0.8	0.0121	0.0074	0.0088	0.0119	0.0368	0.1673	0.0056	0.2219
0.9	0.0057	0.0590	0.0752	0.0136	0.1347	0.4483	0.0541	0.4781
1.0	0.0935	0.1847	0.2645	0.0154	0.1119	0.4302	0.0308	0.4904
1.1	0.1919	0.3957	0.2751	0.0015	0.1754	0.5011	0.1269	0.5905
1.2	0.2439	0.4452	0.2125	0.0067	0.5298	0.6981	0.3319	0.7345
1.3	0.4879	0.0575	0.3939	0.1569	0.6394	0.8131	0.5194	0.8481
1.4	0.7350	0.4156	0.5000	0.3558	0.4063	0.7933	0.3240	0.8373
1.5	0.9167	0.7744	0.7555	0.6516	0.5439	0.8473	0.3157	0.8787
1.6	0.9063	0.8774	0.8293	0.6533	0.7864	0.8715	0.7034	0.8856
1.7	0.7668	0.8264	0.7553	0.2457	0.6573	0.7075	0.6426	0.7159
1.8	0.7049	0.7641	0.8826	0.3615	0.7718	0.7664	0.7982	0.7634
1.9	0.8147	0.7725	0.9461	0.5229	0.9072	0.9069	0.9373	0.9035
2.0	0.8652	0.8155	0.9703	0.5797	0.9594	0.9632	0.9747	0.9613
2.1	0.8504	0.8002	0.9811	0.7494	0.9715	0.9776	0.9776	0.9758
2.2	0.7574	0.6302	0.9918	0.7618	0.9305	0.9928	0.9440	0.9914
2.3	0.6195	0.4303	0.9948	0.4799	0.8256	0.9961	0.7587	0.9950
2.4	0.6799	0.5265	0.9911	0.3179	0.9085	0.9943	0.7002	0.9948
2.5	0.8407	0.8703	0.9863	0.0716	0.9651	0.9943	0.9436	0.9959
2.6	0.7061	0.9614	0.9826	0.0483	0.9570	0.9906	0.9182	0.9938
2.7	0.6454	0.9707	0.9740	0.0211	0.9169	0.9775	0.8681	0.9831
2.8	0.4312	0.9555	0.9476	0.0667	0.7975	0.9294	0.6738	0.9469
2.9	0.3128	0.9457	0.9003	0.0994	0.6141	0.8258	0.4779	0.8667
3.0	0.2747	0.9320	0.8650	0.0628	0.5320	0.7187	0.4256	0.7710
3.1	0.2909	0.8689	0.7710	0.0812	0.3503	0.5252	0.2640	0.5881
3.2	0.3423	0.8254	0.7162	0.0129	0.2866	0.4455	0.2199	0.4995
3.3	0.3948	0.8189	0.7239	0.0066	0.3625	0.4794	0.3132	0.5177
3.4	0.1901	0.6818	0.5462	0.0509	0.2569	0.3185	0.2532	0.3389
3.5	0.0951	0.7039	0.5356	0.1384	0.1838	0.2365	0.1928	0.2561
3.6	0.1202	0.7047	0.5341	0.0737	0.1906	0.2177	0.2067	0.2288
3.7	0.0738	0.6231	0.4852	0.0456	0.1066	0.1473	0.1155	0.1548
3.8	0.0713	0.6074	0.4247	0.0150	0.0591	0.0613	0.0841	0.0654
3.9	0.2014	0.6966	0.5449	0.0104	0.0397	0.0945	0.0503	0.1092
4.0	0.1543	0.6588	0.5448	0.0027	0.0581	0.0849	0.0765	0.0906
4.1	0.1720	0.7155	0.6131	0.0068	0.0810	0.0518	0.1260	0.0532
4.2	0.1451	0.7506	0.5629	0.0245	0.1794	0.1031	0.2378	0.0957
4.3	0.2153	0.6987	0.6088	0.0212	0.0617	0.0676	0.0996	0.0785
4.4	0.4584	0.6752	0.7362	0.0140	0.0461	0.1409	0.0926	0.1670
4.5	0.5511	0.5819	0.7693	0.0054	0.0346	0.1261	0.1090	0.1567
4.6	0.6215	0.6636	0.8358	0.0068	0.0400	0.1246	0.1246	0.1728
4.7	0.7166	0.7710	0.8719	0.0100	0.0329	0.1580	0.0995	0.2277
4.8	0.7986	0.8036	0.9101	0.0264	0.0813	0.2994	0.1367	0.3718
4.9	0.8341	0.7787	0.9118	0.0378	0.1162	0.3400	0.1777	0.4028
5.0	0.8704	0.7999	0.9198	0.0321	0.1160	0.4494	0.1902	0.5091
5.1	0.8560	0.8068	0.9196	0.0120	0.1015	0.4453	0.2020	0.4938
5.2	0.8196	0.7875	0.8767	0.0855	0.0827	0.3369	0.1587	0.3728
5.3	0.8882	0.7816	0.8893	0.0261	0.0018	0.3214	0.0582	0.3499
5.4	0.8611	0.6788	0.8947	0.0094	0.0089	0.3864	0.0759	0.4013
5.5	0.8612	0.4979	0.8559	0.0175	0.0131	0.3836	0.1196	0.3868
5.6	0.9012	0.3651	0.8302	0.0149	0.0171	0.2554	0.1009	0.2560
5.7	0.8379	0.4734	0.7840	0.0798	0.0205	0.2031	0.0761	0.2025
5.8	0.8746	0.6785	0.8814	0.1052	0.0067	0.2132	0.0337	0.2224
5.9	0.8226	0.6526	0.8760	0.0661	0.0382	0.1940	0.0455	0.1945
6.0	0.8129	0.5353	0.8777	0.0489	0.0079	0.1604	0.0349	0.1663
6.1	0.8659	0.6462	0.9285	0.0743	0.0449	0.1756	0.0847	0.1744
6.2	0.8792	0.7328	0.9495	0.1282	0.0453	0.1953	0.1306	0.1908
6.3	0.8602	0.7861	0.9522	0.0771	0.0177	0.0933	0.0386	0.0869
6.4	0.9029	0.8479	0.9619	0.0372	0.0577	0.0730	0.0009	0.0739
6.5	0.8132	0.8650	0.9687	0.0883	0.0658	0.1302	0.0436	0.1233
6.6	0.7829	0.8785	0.9721	0.0818	0.0137	0.0678	0.0824	0.0535
6.7	0.8113	0.8777	0.9759	0.1374	0.0262	0.0147	0.1079	0.0076
6.8	0.8018	0.8854	0.9698	0.1417	0.0058	0.0376	0.0259	0.0254
6.9	0.8340	0.8808	0.9802	0.1215	0.0688	0.1174	0.0100	0.1038
7.0	0.7504	0.8841	0.9841	0.1039	0.0618	0.0852	0.0285	0.0985
7.1	0.5756	0.7086	0.9762	0.2253	0.0109	0.0406	0.0604	0.0562
7.2	0.7508	0.6064	0.9789	0.3406	0.0062	0.0509	0.1360	0.0565
7.3	0.8802	0.5511	0.9873	0.1356	0.0195	0.1666	0.3094	0.1823
7.4	0.9297	0.4138	0.9882	0.1081	0.0074	0.0403	0.2328	0.0398
7.5	0.9149	0.4035	0.9864	0.0857	0.0165	0.1165	0.0287	0.1119
7.6	0.9160	0.4555	0.9873	0.0816	0.0202	0.0638	0.0021	0.0588
7.7	0.8782	0.5287	0.9829	0.1248	0.0336	0.0591	0.0074	0.0491
7.8	0.8929	0.6736	0.9882	0.1788	0.0047	0.0414	0.0114	0.0365
7.9	0.8864	0.8090	0.9898	0.2584	0.0103	0.0424	0.0344	0.0376

8.0	0.7858	0.7742	0.9830	0.1811	0.0140	0.0271	0.0160	0.0213
8.1	0.8104	0.8360	0.9853	0.1629	0.0773	0.1043	0.0223	0.0943
8.2	0.8503	0.7877	0.9869	0.1497	0.0824	0.1015	0.0267	0.0789
8.3	0.8470	0.7824	0.9879	0.3015	0.1148	0.1227	0.0322	0.0893
8.4	0.8546	0.8143	0.9873	0.3086	0.1438	0.0838	0.0459	0.0474
8.5	0.8833	0.8669	0.9863	0.4017	0.1305	0.0714	0.0427	0.0283
8.6	0.8731	0.8473	0.9815	0.4180	0.0653	0.1096	0.0053	0.0645
8.7	0.8984	0.8471	0.9790	0.4967	0.0328	0.2521	0.0345	0.1756
8.8	0.9016	0.8688	0.9774	0.5449	0.2054	0.1600	0.0463	0.0921
8.9	0.8894	0.8636	0.9804	0.6257	0.2782	0.1858	0.1485	0.1347
9.0	0.8860	0.8351	0.9819	0.6201	0.2372	0.0896	0.0939	0.0465
9.1	0.9207	0.8146	0.9814	0.6920	0.2145	0.1637	0.1480	0.0808
9.2	0.9066	0.8198	0.9806	0.7181	0.1836	0.1133	0.2287	0.0370
9.3	0.8824	0.8297	0.9791	0.7064	0.2289	0.0830	0.2996	0.0267
9.4	0.8278	0.7934	0.9773	0.6755	0.0982	0.1495	0.4765	0.0681
9.5	0.6891	0.6440	0.9793	0.5999	0.0074	0.1542	0.2870	0.0731
9.6	0.6358	0.6106	0.9794	0.6384	0.0336	0.1404	0.1732	0.0506
9.7	0.4846	0.3726	0.9816	0.6156	0.0085	0.1680	0.1022	0.0819
9.8	0.4770	0.2288	0.9837	0.5835	0.0784	0.3249	0.1226	0.2343
9.9	0.4063	0.1245	0.9774	0.3991	0.0614	0.1550	0.0933	0.0803
10.0	0.4529	0.1021	0.9676	0.2334	0.0356	0.1805	0.1230	0.1188
10.1	0.5760	0.2435	0.9780	0.1313	0.0348	0.1588	0.0656	0.0791
10.2	0.6672	0.3635	0.9762	0.1590	0.0406	0.1865	0.0618	0.0618
10.3	0.6649	0.3512	0.9687	0.2102	0.0288	0.1768	0.0446	0.0838
10.4	0.6647	0.4381	0.9698	0.2819	0.0125	0.1389	0.0518	0.0661
10.5	0.7416	0.4203	0.9693	0.3315	0.0353	0.2551	0.0630	0.0984
10.6	0.8412	0.3938	0.9599	0.4474	0.0370	0.3449	0.0901	0.1387
10.7	0.9317	0.6197	0.9442	0.4503	0.0322	0.3742	0.0659	0.1596
10.8	0.9463	0.5883	0.9387	0.4336	0.0681	0.4908	0.1064	0.1765
10.9	0.9420	0.5711	0.9286	0.5999	0.1141	0.4645	0.1450	0.1908
11.0	0.9496	0.5833	0.9029	0.7491	0.0828	0.3618	0.1158	0.1196
11.1	0.9629	0.6039	0.9317	0.7380	0.0519	0.5025	0.1297	0.2405
11.2	0.9713	0.6231	0.9512	0.7273	0.1000	0.5321	0.2222	0.2157
11.3	0.9770	0.7513	0.9382	0.7926	0.1495	0.5704	0.2612	0.2899
11.4	0.9787	0.6677	0.9262	0.7746	0.1618	0.4627	0.2725	0.1692
11.5	0.9792	0.6063	0.9391	0.7679	0.1762	0.4540	0.3032	0.1780
11.6	0.9855	0.6982	0.9397	0.7612	0.1836	0.5056	0.3207	0.2355
11.7	0.9862	0.7786	0.9414	0.7699	0.2159	0.5233	0.3492	0.2823
11.8	0.9862	0.7624	0.9427	0.7565	0.2837	0.5188	0.4431	0.2955
11.9	0.9801	0.7265	0.9415	0.7271	0.1941	0.4467	0.3307	0.2182
12.0	0.9849	0.7965	0.9563	0.7541	0.2361	0.4746	0.3591	0.1698
12.1	0.9886	0.8240	0.9578	0.6995	0.2396	0.4425	0.3626	0.1502
12.2	0.9896	0.8700	0.9668	0.7884	0.3083	0.5749	0.4350	0.3017
12.3	0.9877	0.8934	0.9562	0.8193	0.1938	0.5137	0.3506	0.2267
12.4	0.9800	0.8891	0.9489	0.8229	0.2167	0.4489	0.2892	0.1629
12.5	0.9782	0.9170	0.9592	0.8481	0.2932	0.5566	0.3466	0.2335
12.6	0.9808	0.9424	0.9595	0.8721	0.2562	0.6865	0.3874	0.2965
12.7	0.9735	0.9357	0.9361	0.8769	0.1538	0.7385	0.3163	0.3180
12.8	0.9671	0.9161	0.9272	0.8655	0.1745	0.7343	0.2746	0.3057
12.9	0.9644	0.9104	0.9219	0.8689	0.2773	0.7187	0.3961	0.2859
13.0	0.9727	0.9263	0.9438	0.9060	0.4631	0.8288	0.5306	0.4089
13.1	0.9538	0.8863	0.9022	0.8615	0.5349	0.8397	0.4622	0.4843
13.2	0.9340	0.8902	0.8966	0.8724	0.6763	0.8541	0.5074	0.6455
13.3	0.9152	0.8897	0.8828	0.8719	0.7181	0.8549	0.5468	0.7183
13.4	0.9000	0.8979	0.8635	0.8717	0.7704	0.7253	0.6068	0.4572
13.5	0.9552	0.9618	0.9411	0.9543	0.8732	0.8157	0.6920	0.4494
13.6	0.9577	0.9726	0.9474	0.9655	0.8862	0.8582	0.7247	0.2905
13.7	0.9603	0.9845	0.9634	0.9812	0.9284	0.9119	0.7369	0.5432
13.8	0.9633	0.9907	0.9757	0.9893	0.9453	0.9302	0.6846	0.6680
13.9	0.9516	0.9925	0.9770	0.9928	0.9463	0.9272	0.5501	0.7566
14.0	0.9156	0.9894	0.9733	0.9905	0.9261	0.9006	0.4025	0.7069
14.1	0.7674	0.9854	0.9724	0.9855	0.9158	0.8989	0.4263	0.6841
14.2	0.5856	0.9875	0.9826	0.9863	0.9495	0.9202	0.7422	0.7826
14.3	0.4383	0.9809	0.9829	0.9794	0.9487	0.9049	0.8617	0.7582
14.4	0.7111	0.9543	0.9782	0.9482	0.9197	0.8419	0.8530	0.6413
14.5	0.8618	0.9391	0.9820	0.9360	0.9185	0.8318	0.8646	0.5790
14.6	0.9014	0.9260	0.9813	0.9209	0.8805	0.7823	0.8744	0.3968
14.7	0.9204	0.9149	0.9826	0.9080	0.8447	0.7985	0.8912	0.3255
14.8	0.9345	0.9412	0.9856	0.9245	0.7978	0.7709	0.9100	0.3523
14.9	0.9385	0.9582	0.9818	0.9378	0.7974	0.8114	0.9133	0.4427
15.0	0.9622	0.9775	0.9819	0.9688	0.7856	0.8062	0.9375	0.3618
15.1	0.9528	0.9737	0.9768	0.9656	0.6648	0.6633	0.8740	0.2632
15.2	0.9687	0.9615	0.9715	0.9583	0.5498	0.4978	0.8357	0.0826
15.3	0.9786	0.9575	0.9757	0.9487	0.4837	0.5803	0.8308	0.0492
15.4	0.9837	0.9640	0.9734	0.9530	0.4649	0.6458	0.8003	0.1536
15.5	0.9892	0.9592	0.9758	0.9429	0.2995	0.6406	0.8238	0.2578
15.6	0.9887	0.9503	0.9747	0.9199	0.1504	0.6043	0.7653	0.2353
15.7	0.9855	0.9415	0.9636	0.9038	0.1547	0.5526	0.6541	0.2045
15.8	0.9791	0.8377	0.9447	0.8072	0.0300	0.4415	0.5971	0.1281
15.9	0.9706	0.7521	0.9487	0.7789	0.0391	0.4681	0.5226	0.1804
16.0	0.9655	0.6746	0.9283	0.7496	0.0008	0.5128	0.6692	0.2302
16.1	0.9755	0.6285	0.9438	0.7291	0.0139	0.5980	0.7373	0.3326
16.2	0.9745	0.6729	0.9311	0.7289	0.0129	0.5910	0.7358	0.3138
16.3	0.9702	0.8200	0.8996	0.7937	0.0092	0.6691	0.7549	0.4366
16.4	0.9594	0.8173	0.8333	0.7899	0.0299	0.6543	0.7425	0.4860
16.5	0.9512	0.8396	0.8189	0.8175	0.0205	0.6083	0.7182	0.4238

16.6	0.9394	0.9035	0.8115	0.8561	0.0054	0.6712	0.6149	0.4386
16.7	0.8884	0.8989	0.6964	0.8254	0.0055	0.5776	0.4988	0.3052
16.8	0.8253	0.8928	0.5071	0.7785	0.0012	0.3926	0.4313	0.1711
16.9	0.8622	0.9117	0.4547	0.7742	0.0269	0.2838	0.3240	0.1021
17.0	0.8404	0.9059	0.2942	0.8026	0.0218	0.4706	0.2713	0.2045
17.1	0.8032	0.9072	0.2206	0.7817	0.0862	0.5744	0.2040	0.3388
17.2	0.7803	0.8853	0.1113	0.7465	0.0844	0.5239	0.0912	0.3346
17.3	0.7189	0.8714	0.0836	0.7949	0.0342	0.3055	0.1907	0.1964
17.4	0.7006	0.8737	0.1573	0.8372	0.1269	0.3047	0.1774	0.0539
17.5	0.7113	0.9077	0.2781	0.8525	0.0590	0.1331	0.3214	0.0041
17.6	0.6084	0.8863	0.4060	0.7791	0.0332	0.0255	0.3125	0.0036
17.7	0.5573	0.8646	0.5050	0.6839	0.0294	0.0060	0.1290	0.0002
17.8	0.4215	0.8793	0.4944	0.7652	0.1343	0.0339	0.0910	0.0163
17.9	0.5077	0.8812	0.5961	0.7517	0.1224	0.0214	0.1271	0.0541
18.0	0.6304	0.8940	0.6842	0.7172	0.0795	0.0876	0.0416	0.0457
18.1	0.6654	0.8889	0.6884	0.6953	0.1907	0.0046	0.0605	0.0060
18.2	0.6862	0.8918	0.7339	0.7619	0.2741	0.0494	0.1394	0.0143
18.3	0.7122	0.9149	0.7395	0.7449	0.2236	0.1237	0.0499	0.0189
18.4	0.6149	0.8547	0.6615	0.5617	0.1154	0.1034	0.0529	0.0806
18.5	0.6436	0.8481	0.6956	0.3412	0.2264	0.1961	0.0021	0.1239
18.6	0.6387	0.8280	0.7444	0.2902	0.3369	0.2815	0.0366	0.2082
18.7	0.6076	0.7809	0.7021	0.5042	0.2952	0.2268	0.1062	0.2068
18.8	0.6346	0.7750	0.6708	0.6704	0.1808	0.2358	0.0933	0.0899
18.9	0.6646	0.7929	0.6885	0.7217	0.0690	0.3412	0.0411	0.0771
19.0	0.6943	0.7868	0.6859	0.7028	0.0257	0.5198	0.0444	0.1572
19.1	0.6852	0.7548	0.6544	0.7006	0.0303	0.5679	0.0051	0.2774
19.2	0.5358	0.6324	0.5159	0.5736	0.1108	0.3770	0.0487	0.2786
19.3	0.6052	0.6735	0.5929	0.6180	0.3071	0.3743	0.1089	0.2099
19.4	0.6045	0.6341	0.5602	0.5251	0.3633	0.3438	0.2726	0.1599
19.5	0.6544	0.6526	0.6084	0.5170	0.3690	0.4766	0.3637	0.3255
19.6	0.6440	0.6410	0.6003	0.5226	0.3683	0.5190	0.2771	0.4210
19.7	0.5533	0.5132	0.4838	0.3564	0.3289	0.4445	0.3369	0.3830
19.8	0.5784	0.5437	0.5124	0.3913	0.3797	0.4614	0.4470	0.4040
19.9	0.6146	0.5811	0.5755	0.4769	0.4417	0.5156	0.4491	0.4654
20.0	0.6345	0.5705	0.5890	0.4486	0.4298	0.5468	0.4278	0.4833
20.1	0.6771	0.6370	0.6499	0.5618	0.5075	0.5821	0.5451	0.5211
20.2	0.7301	0.6905	0.7031	0.4652	0.4902	0.6620	0.5599	0.5679
20.3	0.6965	0.6407	0.6642	0.1644	0.4391	0.6224	0.5005	0.5144
20.4	0.7568	0.7047	0.7324	0.0034	0.5529	0.6109	0.5613	0.4627
20.5	0.7966	0.7589	0.7764	0.0873	0.6164	0.6201	0.5856	0.4444
20.6	0.8235	0.7738	0.7946	0.3224	0.6078	0.6420	0.5269	0.4736
20.7	0.8116	0.7398	0.7907	0.4335	0.5756	0.5619	0.4664	0.3599
20.8	0.8734	0.8270	0.8653	0.5888	0.6179	0.5483	0.4944	0.3276
20.9	0.9027	0.8756	0.8941	0.5295	0.6265	0.5265	0.5477	0.4650
21.0	0.8768	0.8088	0.8297	0.4650	0.5593	0.5415	0.5129	0.4550
21.1	0.8697	0.7931	0.8058	0.5143	0.4460	0.5081	0.4639	0.4695
21.2	0.8743	0.7935	0.8026	0.4817	0.4536	0.5380	0.4668	0.5786
21.3	0.8661	0.8031	0.8320	0.4488	0.5756	0.4457	0.5169	0.5245
21.4	0.8620	0.8007	0.8345	0.5024	0.5374	0.4337	0.5184	0.5361
21.5	0.9058	0.8629	0.8806	0.5082	0.4986	0.5672	0.5738	0.5850
21.6	0.9020	0.8035	0.8358	0.4462	0.3356	0.5602	0.3851	0.5692
21.7	0.9221	0.8112	0.8495	0.4801	0.3072	0.5488	0.3521	0.5865
21.8	0.9109	0.8013	0.8157	0.3571	0.4040	0.3351	0.4663	0.4440
21.9	0.9093	0.7603	0.7807	0.3274	0.3958	0.3362	0.5130	0.4339
22.0	0.9202	0.7457	0.7275	0.3362	0.3918	0.3153	0.5092	0.4803
22.1	0.8742	0.5908	0.6302	0.1384	0.2914	0.1781	0.3760	0.3480
22.2	0.8931	0.5969	0.6732	0.2258	0.3691	0.1531	0.3791	0.3359
22.3	0.9181	0.6143	0.6815	0.2490	0.4164	0.1806	0.4418	0.3941
22.4	0.8711	0.5355	0.6629	0.1145	0.3548	0.1469	0.4377	0.4078
22.5	0.8396	0.4720	0.6925	0.0807	0.3377	0.1231	0.5213	0.2813
22.6	0.9029	0.4470	0.6695	0.0359	0.2775	0.1741	0.3978	0.2802
22.7	0.8751	0.3045	0.5627	0.0571	0.2443	0.1172	0.3413	0.3845
22.8	0.8764	0.2969	0.5779	0.0639	0.2433	0.0720	0.3544	0.1623
22.9	0.9017	0.3875	0.5855	0.0573	0.2107	0.0875	0.3253	0.2052
23.0	0.8863	0.4314	0.5583	0.1038	0.2015	0.0938	0.4355	0.2951
23.1	0.8894	0.2763	0.6442	0.0153	0.2653	0.1351	0.3462	0.2516
23.2	0.9028	0.1546	0.5840	0.0213	0.3480	0.0806	0.2880	0.1862
23.3	0.9044	0.1285	0.4779	0.0752	0.2728	0.0396	0.2342	0.0907
23.4	0.9202	0.2658	0.6006	0.1575	0.1479	0.0461	0.2465	0.1798
23.5	0.9048	0.2278	0.6407	0.1203	0.0765	0.1045	0.2089	0.1782
23.6	0.8478	0.2078	0.4693	0.0305	0.0548	0.1010	0.0635	0.1529
23.7	0.8492	0.2933	0.5093	0.0387	0.1611	0.1073	0.1248	0.1828
23.8	0.8159	0.2568	0.4664	0.0422	0.0506	0.0303	0.1060	0.0575
23.9	0.8606	0.2572	0.4710	0.0549	0.0178	0.0130	0.0810	0.0047
24.0	0.8575	0.2664	0.4213	0.0851	0.0049	0.0262	0.0633	0.0052
24.1	0.8480	0.3488	0.4251	0.1213	0.0459	0.0832	0.1498	0.1042
24.2	0.8440	0.3274	0.3793	0.0997	0.0898	0.1222	0.1452	0.0425
24.3	0.8277	0.3017	0.2973	0.1075	0.1230	0.1781	0.1660	0.0072
24.4	0.8091	0.3045	0.2304	0.0941	0.1570	0.0632	0.1557	0.0239
24.5	0.8309	0.2851	0.2846	0.0526	0.1211	0.0173	0.1368	0.0327
24.6	0.8477	0.3462	0.2760	0.0904	0.0208	0.0352	0.1041	0.1300
24.7	0.8631	0.5129	0.4204	0.2457	0.0650	0.0766	0.1503	0.1548
24.8	0.8578	0.4804	0.4160	0.2732	0.0430	0.0324	0.0415	0.0731
24.9	0.8034	0.2851	0.3897	0.0981	0.0039	0.0226	0.0302	0.0220
25.0	0.7004	0.2955	0.3505	0.2285	0.0356	0.0076	0.0322	0.0249
25.1	0.6136	0.2743	0.3878	0.1708	0.1158	0.0383	0.0925	0.0200

25.2	0.6486	0.2830	0.5283	0.1232	0.0544	0.0096	0.0326	0.0185
25.3	0.6283	0.3333	0.5414	0.1098	0.0045	0.0046	0.0558	0.0156
25.4	0.5744	0.2365	0.6323	0.0787	0.0408	0.0080	0.0400	0.0195
25.5	0.5093	0.2025	0.6047	0.0808	0.0208	0.0337	0.0481	0.0123
25.6	0.5546	0.4089	0.6673	0.1598	0.0616	0.1581	0.0666	0.0035
25.7	0.4804	0.2922	0.6628	0.1005	0.0082	0.0460	0.0126	0.0073
25.8	0.5489	0.3025	0.7369	0.0495	0.0264	0.0206	0.0196	0.0005
25.9	0.6161	0.3101	0.7966	0.0433	0.0564	0.0749	0.0353	0.0001
26.0	0.5382	0.3097	0.7579	0.1056	0.0269	0.0455	0.0893	0.0231
26.1	0.4682	0.1842	0.7660	0.0198	0.0250	0.0126	0.0355	0.0148
26.2	0.4234	0.1108	0.8164	0.0121	0.0137	0.0201	0.0077	0.0439
26.3	0.3160	0.2008	0.7765	0.0226	0.0231	0.0446	0.0088	0.0540
26.4	0.2479	0.2255	0.8378	0.0134	0.0132	0.0200	0.0244	0.0490
26.5	0.2452	0.2677	0.8555	0.0080	0.0178	0.0189	0.0234	0.0281
26.6	0.2558	0.3014	0.8820	0.0032	0.0122	0.0555	0.0500	0.0155
26.7	0.2597	0.3064	0.8867	0.0378	0.0209	0.0407	0.0164	0.0053
26.8	0.1634	0.1541	0.9098	0.0211	0.0203	0.0472	0.0155	0.0148
26.9	0.0429	0.0877	0.9044	0.0364	0.0073	0.0103	0.0159	0.0014
27.0	0.0701	0.2381	0.9289	0.0016	0.0793	0.1253	0.0581	0.0374
27.1	0.1056	0.2527	0.9272	0.0107	0.0035	0.0031	0.0136	0.0435
27.2	0.1167	0.1899	0.9267	0.0325	0.0237	0.0378	0.0826	0.0806
27.3	0.2112	0.3919	0.9291	0.0190	0.0480	0.1019	0.1167	0.0627
27.4	0.1749	0.3471	0.9278	0.0433	0.0007	0.0097	0.0208	0.0487
27.5	0.2630	0.3514	0.8848	0.0631	0.0445	0.0196	0.0668	0.0308
27.6	0.3131	0.2052	0.8529	0.0144	0.0413	0.0075	0.0192	0.1542
27.7	0.2572	0.1412	0.8087	0.0034	0.0045	0.0037	0.0028	0.0812
27.8	0.3410	0.4079	0.7771	0.0370	0.0372	0.0606	0.0620	0.0055
27.9	0.4461	0.4172	0.8162	0.0683	0.0428	0.0430	0.0727	0.0376
28.0	0.5857	0.3006	0.8588	0.0360	0.0064	0.0082	0.0111	0.0790
28.1	0.6928	0.3408	0.9096	0.0048	0.0145	0.0272	0.0235	0.1789
28.2	0.7922	0.7320	0.9325	0.0014	0.0180	0.0435	0.0913	0.0916
28.3	0.8457	0.6601	0.9306	0.0036	0.0665	0.0676	0.1302	0.0084
28.4	0.8241	0.6434	0.9109	0.0658	0.0426	0.0852	0.0972	0.0082
28.5	0.8268	0.6039	0.9067	0.0649	0.0030	0.0085	0.0025	0.0255
28.6	0.8813	0.6196	0.9269	0.0343	0.0104	0.0579	0.0428	0.0287
28.7	0.8460	0.5273	0.9284	0.0483	0.0213	0.0597	0.0673	0.0318
28.8	0.8077	0.4477	0.9326	0.0240	0.0693	0.0398	0.0981	0.0079
28.9	0.8732	0.5945	0.9335	0.0145	0.0679	0.0474	0.0881	0.0844
29.0	0.9106	0.6091	0.9460	0.0384	0.0126	0.0186	0.0105	0.0492
29.1	0.8657	0.5388	0.9507	0.0244	0.0169	0.0036	0.0498	0.0564
29.2	0.7770	0.5073	0.9333	0.0256	0.0007	0.0239	0.0099	0.0349
29.3	0.8093	0.5690	0.9527	0.0036	0.0395	0.0558	0.0648	0.0583
29.4	0.7796	0.5767	0.9573	0.0235	0.0758	0.0968	0.1117	0.0470
29.5	0.7696	0.6570	0.9676	0.0033	0.0047	0.0904	0.0191	0.0088
29.6	0.7691	0.6858	0.9750	0.0014	0.0316	0.0367	0.0335	0.0227
29.7	0.7574	0.5560	0.9655	0.0098	0.0196	0.0460	0.0641	0.0057
29.8	0.6532	0.4321	0.9688	0.0419	0.0034	0.0124	0.0349	0.0239
29.9	0.3160	0.1265	0.9408	0.0393	0.0612	0.0032	0.0886	0.0094
30.0	0.3460	0.2188	0.9556	0.0132	0.0845	0.0465	0.0991	0.0362
30.1	0.8128	0.7540	0.9800	0.0568	0.0330	0.0547	0.0920	0.0551
30.2	0.8074	0.7822	0.9785	0.0410	0.0134	0.0169	0.0489	0.1020
30.3	0.7909	0.6847	0.9681	0.0336	0.1030	0.1388	0.2087	0.0304
30.4	0.8359	0.7082	0.9714	0.0024	0.0669	0.0962	0.1493	0.0418
30.5	0.8495	0.7002	0.9784	0.0092	0.0337	0.0399	0.0945	0.0219
30.6	0.8629	0.7026	0.9712	0.0392	0.0475	0.0419	0.0837	0.0899
30.7	0.8704	0.7402	0.9735	0.0643	0.1276	0.1401	0.1659	0.1417
30.8	0.8934	0.7950	0.9786	0.0478	0.0606	0.1170	0.1093	0.1220
30.9	0.9029	0.7144	0.9755	0.0402	0.0434	0.0834	0.1230	0.0568
31.0	0.9277	0.7475	0.9701	0.0686	0.0669	0.2607	0.2890	0.0729
31.1	0.9338	0.7510	0.9651	0.1393	0.0910	0.3055	0.2987	0.1221
31.2	0.9456	0.7991	0.9730	0.0843	0.0946	0.1484	0.3130	0.0752
31.3	0.9403	0.8285	0.9611	0.0598	0.0941	0.2700	0.3084	0.1151
31.4	0.9427	0.8516	0.9611	0.0395	0.1266	0.2493	0.3728	0.1442
31.5	0.9496	0.8511	0.9492	0.1099	0.1636	0.2483	0.4827	0.1363
31.6	0.9610	0.8746	0.9507	0.0742	0.2511	0.3103	0.5444	0.1833
31.7	0.9525	0.8096	0.9540	0.1494	0.1287	0.2010	0.4366	0.1240
31.8	0.9450	0.8603	0.9641	0.2304	0.1418	0.2104	0.3787	0.2192
31.9	0.9422	0.8486	0.9520	0.1997	0.2348	0.2106	0.4301	0.2821
32.0	0.9506	0.8060	0.9392	0.2225	0.1701	0.1789	0.4596	0.2396
32.1	0.9537	0.8099	0.9461	0.3108	0.1871	0.2784	0.5079	0.3026
32.2	0.9521	0.8270	0.9487	0.3372	0.3497	0.3740	0.6499	0.4642
32.3	0.9472	0.8565	0.9293	0.2432	0.3201	0.3521	0.6324	0.4976
32.4	0.9454	0.8048	0.9157	0.2046	0.3331	0.3579	0.5962	0.5061
32.5	0.9461	0.7976	0.9142	0.2022	0.3557	0.3203	0.5949	0.5005
32.6	0.9502	0.8174	0.9390	0.2325	0.4420	0.3233	0.5787	0.4915
32.7	0.9453	0.7390	0.9109	0.2408	0.4303	0.2710	0.5316	0.5445
32.8	0.9567	0.7377	0.9146	0.2472	0.4190	0.3424	0.5080	0.6478
32.9	0.9507	0.6434	0.8978	0.1711	0.3736	0.3341	0.4584	0.5834
33.0	0.9202	0.5749	0.8377	0.2095	0.3287	0.1710	0.3194	0.4841
33.1	0.9463	0.6480	0.8628	0.2440	0.3944	0.1952	0.4223	0.5700
33.2	0.9536	0.6693	0.8447	0.1861	0.3763	0.2030	0.4403	0.5514
33.3	0.9704	0.7446	0.8576	0.3955	0.5878	0.3789	0.5537	0.7006
33.4	0.9631	0.7413	0.8710	0.4435	0.5431	0.2332	0.4886	0.6399
33.5	0.9613	0.7763	0.8994	0.3877	0.2635	0.1763	0.3126	0.4906
33.6	0.9615	0.7504	0.8708	0.4165	0.3065	0.2387	0.3034	0.5348
33.7	0.9512	0.7281	0.8710	0.4320	0.3013	0.1820	0.2730	0.5488

33.8	0.9493	0.7628	0.8900	0.5393	0.2736	0.1374	0.3223	0.4581
33.9	0.9427	0.7104	0.8714	0.3766	0.2753	0.0183	0.2547	0.3841
34.0	0.9514	0.7966	0.9010	0.5254	0.2833	0.0224	0.3725	0.4001
34.1	0.9524	0.8297	0.9058	0.5643	0.2471	0.0251	0.4520	0.2499
34.2	0.9422	0.7626	0.8969	0.3749	0.0890	0.0029	0.3568	0.0944
34.3	0.9471	0.7836	0.9080	0.2136	0.0823	0.0075	0.2660	0.1868
34.4	0.9536	0.8152	0.9181	0.3434	0.0891	0.0212	0.3033	0.1741
34.5	0.9483	0.7745	0.9247	0.4157	0.0553	0.0406	0.3981	0.1221
34.6	0.9568	0.8045	0.9415	0.4503	0.0524	0.0304	0.3887	0.1634
34.7	0.9648	0.8423	0.9491	0.6283	0.0545	0.0416	0.3446	0.1163
34.8	0.9634	0.8139	0.9434	0.6290	0.1358	0.0619	0.2744	0.2483
34.9	0.9669	0.8004	0.9583	0.5485	0.1104	0.0625	0.3228	0.3090
35.0	0.9640	0.7643	0.9430	0.4850	0.0719	0.0216	0.2185	0.3505
35.1	0.9596	0.7366	0.9549	0.5450	0.1171	0.0450	0.3717	0.3866
35.2	0.9700	0.7197	0.9663	0.6538	0.1015	0.1120	0.5701	0.4690
35.3	0.9737	0.7128	0.9696	0.7229	0.1572	0.1390	0.5582	0.5369
35.4	0.9784	0.7449	0.9751	0.7525	0.1641	0.1005	0.4700	0.5224
35.5	0.9792	0.7225	0.9750	0.7522	0.2491	0.0738	0.5342	0.6494
35.6	0.9696	0.6228	0.9628	0.6114	0.2862	0.1097	0.5354	0.6200
35.7	0.9710	0.3991	0.9670	0.5866	0.1877	0.2186	0.5670	0.5934
35.8	0.9713	0.2358	0.9630	0.5198	0.2003	0.2085	0.5097	0.5968
35.9	0.9748	0.3463	0.9702	0.4793	0.3528	0.2981	0.5935	0.6464
36.0	0.9639	0.2717	0.9641	0.3661	0.2378	0.1320	0.4868	0.5939
36.1	0.9694	0.3019	0.9611	0.2537	0.2653	0.0775	0.4741	0.5801
36.2	0.9742	0.3976	0.9709	0.2328	0.1110	0.0491	0.4990	0.5844
36.3	0.9798	0.4558	0.9629	0.1366	0.1684	0.1072	0.4492	0.6653
36.4	0.9865	0.5713	0.9623	0.0265	0.1843	0.0928	0.5362	0.7205
36.5	0.9884	0.6111	0.9670	0.0018	0.0965	0.0666	0.6242	0.6723
36.6	0.9906	0.6320	0.9617	0.0237	0.0703	0.2787	0.6570	0.6660
36.7	0.9895	0.5859	0.9516	0.1457	0.0807	0.4471	0.5969	0.7012
36.8	0.9827	0.4787	0.9411	0.1239	0.0308	0.3026	0.5635	0.6334
36.9	0.9844	0.4447	0.9500	0.2152	0.0461	0.4214	0.6196	0.5336
37.0	0.9860	0.4288	0.9504	0.3440	0.0245	0.5309	0.5617	0.3874
37.1	0.9867	0.5146	0.9481	0.5190	0.0113	0.4492	0.4713	0.3971
37.2	0.9860	0.4650	0.9420	0.5142	0.0324	0.4006	0.4480	0.3781
37.3	0.9806	0.4456	0.9538	0.5290	0.0266	0.4786	0.4868	0.4325
37.4	0.9477	0.3145	0.9276	0.4181	0.0289	0.4058	0.3173	0.3932
37.5	0.9831	0.4755	0.9575	0.6796	0.1227	0.3733	0.2812	0.4625
37.6	0.9901	0.5530	0.9611	0.7046	0.2448	0.3584	0.3244	0.6604
37.7	0.9881	0.4156	0.9504	0.6041	0.2425	0.2606	0.3452	0.6335
37.8	0.9918	0.3533	0.9497	0.6432	0.2908	0.4167	0.3396	0.6548
37.9	0.9922	0.3012	0.9505	0.6379	0.3026	0.4945	0.4014	0.6535
38.0	0.9889	0.4381	0.9372	0.6767	0.1770	0.4607	0.4169	0.5593
38.1	0.9855	0.4629	0.9219	0.6890	0.1659	0.4698	0.4339	0.4925
38.2	0.9878	0.4183	0.9231	0.7195	0.2022	0.6191	0.5200	0.5847
38.3	0.9872	0.4550	0.9131	0.7502	0.3065	0.7071	0.5722	0.6358
38.4	0.9836	0.4429	0.8802	0.7308	0.2691	0.6441	0.5237	0.4856
38.5	0.9802	0.3963	0.8662	0.6514	0.1756	0.4832	0.4609	0.4313
38.6	0.9848	0.4115	0.9113	0.6840	0.3275	0.5128	0.5249	0.4922
38.7	0.9875	0.5190	0.9059	0.7682	0.1807	0.4029	0.6009	0.4046
38.8	0.9745	0.4550	0.8866	0.6377	0.1649	0.2845	0.4464	0.3717
38.9	0.9679	0.3911	0.8649	0.5181	0.2325	0.2197	0.2601	0.4270
39.0	0.9584	0.5274	0.8437	0.5258	0.1936	0.2417	0.2189	0.3555
39.1	0.9599	0.4860	0.8670	0.5316	0.1804	0.4052	0.2218	0.2405
39.2	0.9558	0.5406	0.8375	0.5691	0.3378	0.4694	0.2115	0.2950
39.3	0.9633	0.4911	0.8439	0.5023	0.4610	0.4597	0.3204	0.4426
39.4	0.9575	0.3768	0.8524	0.3366	0.3932	0.5373	0.2464	0.4162
39.5	0.9479	0.3173	0.7521	0.2437	0.2702	0.4971	0.1982	0.1906
39.6	0.9559	0.4001	0.7496	0.3499	0.1301	0.5399	0.1613	0.2778
39.7	0.9552	0.3162	0.6879	0.2885	0.1563	0.5224	0.2820	0.1955
39.8	0.9670	0.4916	0.7039	0.4630	0.2323	0.5677	0.3394	0.2008
39.9	0.9677	0.5737	0.6935	0.5082	0.3464	0.5631	0.3092	0.3206
40.0	0.9699	0.5619	0.6295	0.5019	0.2921	0.6399	0.4762	0.3592
40.1	0.9666	0.5959	0.5860	0.5816	0.3040	0.6814	0.5259	0.3121
40.2	0.9557	0.4671	0.4781	0.4005	0.3094	0.6318	0.5297	0.2598
40.3	0.9514	0.4700	0.4949	0.3758	0.2077	0.5048	0.5702	0.3512
40.4	0.9437	0.4364	0.4526	0.2542	0.1254	0.5340	0.5686	0.3614
40.5	0.9525	0.4391	0.4671	0.3459	0.0411	0.6164	0.5862	0.2896
40.6	0.9472	0.4504	0.2125	0.4228	0.0037	0.6005	0.6448	0.2412
40.7	0.9392	0.4133	0.0761	0.3524	0.0269	0.4845	0.6280	0.2909
40.8	0.9424	0.4759	0.2619	0.3506	0.0090	0.5397	0.6718	0.2994
40.9	0.9495	0.4934	0.2845	0.3458	0.0173	0.5239	0.7117	0.2871
41.0	0.9426	0.4136	0.2384	0.3137	0.0223	0.4909	0.7238	0.3523
41.1	0.9522	0.3791	0.2855	0.3208	0.0160	0.4670	0.7635	0.3531
41.2	0.9458	0.4437	0.3657	0.3412	0.0552	0.5677	0.7742	0.3809
41.3	0.9488	0.4794	0.4135	0.4140	0.0901	0.7146	0.7650	0.3571
41.4	0.9458	0.4859	0.5089	0.4283	0.1988	0.6999	0.7805	0.2441
41.5	0.9426	0.4852	0.5014	0.4145	0.1784	0.6640	0.7727	0.2093
41.6	0.9411	0.4590	0.4062	0.3312	0.2383	0.6144	0.7389	0.1788
41.7	0.9422	0.4764	0.4444	0.3589	0.1124	0.6164	0.7006	0.1564
41.8	0.9538	0.5179	0.5345	0.4479	0.1988	0.6586	0.7890	0.1877
41.9	0.9575	0.4785	0.5663	0.3938	0.2728	0.6814	0.7641	0.1669
42.0	0.9403	0.4838	0.5314	0.4275	0.2989	0.6537	0.7203	0.0822
42.1	0.9465	0.5089	0.5712	0.5216	0.2937	0.6584	0.7309	0.1417
42.2	0.9485	0.4096	0.6086	0.4262	0.3035	0.4731	0.7077	0.0778
42.3	0.9561	0.5293	0.7838	0.5098	0.3939	0.4733	0.6506	0.0512

42.4	0.9363	0.5269	0.6459	0.4571	0.3677	0.4196	0.5544	0.0594
42.5	0.9449	0.5982	0.7592	0.5119	0.4650	0.4790	0.6252	0.1138
42.6	0.9466	0.7131	0.8232	0.6536	0.5664	0.4968	0.6219	0.1132
42.7	0.9523	0.6253	0.7582	0.5236	0.4234	0.5276	0.5809	0.0402
42.8	0.9435	0.5894	0.7093	0.5182	0.3577	0.5806	0.6704	0.0136
42.9	0.9471	0.5832	0.7275	0.5657	0.4169	0.3674	0.6318	0.0210
43.0	0.9608	0.6757	0.8058	0.6202	0.5088	0.3547	0.6220	0.0447
43.1	0.9585	0.6677	0.8381	0.5743	0.4783	0.5751	0.5331	0.0741
43.2	0.9627	0.6397	0.8624	0.5563	0.5161	0.6009	0.3379	0.1331
43.3	0.9279	0.5002	0.7983	0.4160	0.4936	0.5494	0.3044	0.1364
43.4	0.9493	0.5596	0.7653	0.5168	0.4840	0.4665	0.5235	0.1668
43.5	0.9682	0.4969	0.8246	0.3750	0.3697	0.4328	0.4349	0.1156
43.6	0.9689	0.4516	0.8656	0.4302	0.4692	0.4508	0.5588	0.2207
43.7	0.9457	0.3824	0.8402	0.4689	0.3941	0.5136	0.6282	0.1050
43.8	0.9260	0.4577	0.8649	0.4060	0.2935	0.4784	0.6189	0.0917
43.9	0.9566	0.3777	0.8254	0.3745	0.2669	0.4784	0.5932	0.1728
44.0	0.9720	0.3564	0.8615	0.5310	0.4139	0.5259	0.6697	0.1377
44.1	0.9812	0.4087	0.9080	0.5564	0.6002	0.6446	0.7342	0.1352
44.2	0.9407	0.3954	0.8332	0.5671	0.5161	0.5850	0.6244	0.1169
44.3	0.9428	0.3203	0.8984	0.4641	0.4291	0.5031	0.5901	0.0703
44.4	0.9605	0.4057	0.9334	0.4791	0.4905	0.5835	0.5841	0.1787
44.5	0.9313	0.6313	0.8740	0.6652	0.5723	0.7143	0.6225	0.2604
44.6	0.8871	0.4736	0.8469	0.6312	0.4240	0.7114	0.6304	0.2144
44.7	0.9164	0.4270	0.8873	0.5570	0.4138	0.7476	0.5075	0.3991
44.8	0.9454	0.3170	0.8438	0.4912	0.3231	0.7598	0.5107	0.4171
44.9	0.9596	0.2832	0.8493	0.4921	0.3400	0.6480	0.4911	0.3620
45.0	0.9546	0.1109	0.8903	0.4820	0.4240	0.6220	0.4929	0.4049
45.1	0.9485	0.1942	0.8965	0.5416	0.4429	0.5914	0.5062	0.3804
45.2	0.9478	0.2726	0.9033	0.5373	0.5042	0.5208	0.4160	0.4425
45.3	0.9525	0.0847	0.8873	0.4112	0.5243	0.4841	0.4562	0.4230
45.4	0.9777	0.1761	0.9210	0.4078	0.5290	0.5539	0.4706	0.3335
45.5	0.9724	0.3192	0.9216	0.4871	0.5720	0.5662	0.4929	0.3352
45.6	0.9559	0.3249	0.8959	0.4656	0.6700	0.6598	0.5812	0.4552
45.7	0.9407	0.3244	0.8750	0.5493	0.7204	0.7619	0.5037	0.4800
45.8	0.9510	0.2860	0.9029	0.4989	0.6271	0.7892	0.3047	0.4637
45.9	0.9519	0.3621	0.8895	0.5351	0.5754	0.7771	0.3618	0.4596
46.0	0.9593	0.2649	0.9124	0.5526	0.6413	0.7400	0.4695	0.4501
46.1	0.9603	0.4072	0.9325	0.6079	0.7476	0.7412	0.4260	0.5217
46.2	0.9578	0.4847	0.9236	0.5944	0.7142	0.7197	0.4394	0.5470
46.3	0.9704	0.4983	0.9456	0.6483	0.7432	0.7829	0.5828	0.6077
46.4	0.9694	0.4417	0.9444	0.6836	0.7608	0.8061	0.6582	0.5825
46.5	0.9583	0.4210	0.9081	0.6426	0.6390	0.7296	0.6830	0.5709
46.6	0.9638	0.4032	0.9268	0.6033	0.6855	0.4123	0.6838	0.6390
46.7	0.9606	0.2832	0.9384	0.4792	0.7024	0.1704	0.7146	0.6512
46.8	0.9656	0.1972	0.9212	0.4748	0.7726	0.2022	0.7610	0.6730
46.9	0.9627	0.2855	0.9057	0.3496	0.8169	0.3040	0.7828	0.6050
47.0	0.9626	0.4512	0.9023	0.4920	0.8474	0.4601	0.8073	0.5920
47.1	0.9661	0.4690	0.9048	0.6811	0.8603	0.3700	0.8333	0.6502
47.2	0.9624	0.2649	0.8673	0.6106	0.8305	0.1914	0.8368	0.6590
47.3	0.9506	0.1509	0.8498	0.4312	0.8566	0.2014	0.8324	0.6272
47.4	0.9508	0.1421	0.8206	0.3574	0.8524	0.3915	0.8381	0.6200
47.5	0.9568	0.3117	0.7948	0.3386	0.9087	0.6782	0.8507	0.6491
47.6	0.9369	0.3971	0.8426	0.3873	0.9055	0.7226	0.8281	0.6288
47.7	0.9279	0.4954	0.8799	0.4683	0.8845	0.6728	0.8109	0.6503
47.8	0.9582	0.5976	0.9278	0.4862	0.8819	0.6397	0.8074	0.5903
47.9	0.9642	0.6219	0.9065	0.4613	0.8903	0.7103	0.8431	0.5093
48.0	0.9489	0.6302	0.8918	0.5387	0.8770	0.7914	0.7881	0.4934
48.1	0.9417	0.6284	0.8799	0.5951	0.8658	0.6626	0.7296	0.4841
48.2	0.9659	0.5823	0.9194	0.4926	0.8824	0.7145	0.7320	0.5441
48.3	0.9747	0.5874	0.9175	0.4626	0.8676	0.6247	0.7907	0.5822
48.4	0.9647	0.4209	0.8170	0.2895	0.8328	0.3129	0.7809	0.5081
48.5	0.9727	0.3666	0.8219	0.2125	0.8444	0.4675	0.7578	0.4288
48.6	0.9640	0.4068	0.8656	0.3005	0.8942	0.4876	0.7949	0.5279
48.7	0.9709	0.3962	0.8661	0.3812	0.8766	0.2887	0.7482	0.5850
48.8	0.9771	0.4120	0.9071	0.4326	0.8772	0.2652	0.7291	0.5769
48.9	0.9389	0.4961	0.8696	0.3238	0.8572	0.2815	0.7137	0.4154
49.0	0.8642	0.5865	0.6172	0.2528	0.8105	0.3790	0.5789	0.3287
49.1	0.9660	0.5323	0.7984	0.1213	0.9025	0.6036	0.6600	0.4400
49.2	0.9710	0.4176	0.8268	0.0760	0.9248	0.6301	0.6970	0.5378
49.3	0.9697	0.4630	0.8554	0.1583	0.9400	0.5162	0.7034	0.6439
49.4	0.9682	0.5305	0.8867	0.2643	0.9258	0.4317	0.7588	0.5857
49.5	0.9521	0.6214	0.8370	0.2918	0.8978	0.4901	0.7848	0.6653
49.6	0.9780	0.5570	0.8754	0.3531	0.9225	0.6517	0.7589	0.7243
49.7	0.9624	0.4697	0.8804	0.1935	0.9041	0.5969	0.6247	0.5944
49.8	0.9736	0.4436	0.9213	0.2378	0.8841	0.6395	0.6207	0.6221
49.9	0.9737	0.4178	0.9086	0.3018	0.8576	0.5036	0.5835	0.6182
50.0	0.9660	0.3519	0.8293	0.3050	0.8663	0.3612	0.4673	0.5310
50.1	0.9680	0.3899	0.8449	0.2526	0.7986	0.3742	0.3006	0.5736
50.2	0.9695	0.5431	0.9109	0.3014	0.8017	0.4931	0.4077	0.6367
50.3	0.9725	0.5646	0.8745	0.4063	0.7763	0.4745	0.3940	0.6677
50.4	0.9672	0.6470	0.8920	0.4172	0.7801	0.3082	0.2665	0.5089
50.5	0.9632	0.6783	0.8709	0.4394	0.8114	0.3803	0.0814	0.4248
50.6	0.9661	0.5896	0.8697	0.3314	0.7726	0.5713	0.1696	0.3850
50.7	0.9654	0.4307	0.8547	0.0796	0.7196	0.5228	0.2073	0.3743
50.8	0.9647	0.6294	0.8485	0.1663	0.7990	0.5916	0.2522	0.3392
50.9	0.9539	0.6881	0.8853	0.3389	0.7658	0.4775	0.3842	0.3776

51.0	0.9270	0.6811	0.8275	0.3667	0.7647	0.5694	0.5243	0.3042
51.1	0.9164	0.6179	0.6520	0.3231	0.7315	0.6248	0.4648	0.4014
51.2	0.9440	0.6180	0.8492	0.3374	0.7249	0.7040	0.6445	0.4930
51.3	0.9730	0.6280	0.9041	0.3932	0.8088	0.6678	0.7656	0.3206
51.4	0.9698	0.6151	0.8903	0.3648	0.8204	0.6278	0.7706	0.2728
51.5	0.9439	0.5532	0.8462	0.2878	0.8363	0.5341	0.7908	0.2157
51.6	0.9434	0.6743	0.7094	0.3293	0.8115	0.7079	0.7863	0.3251
51.7	0.9719	0.6736	0.8107	0.2505	0.8072	0.8199	0.8307	0.3881
51.8	0.9723	0.6600	0.9184	0.2930	0.8188	0.7798	0.8176	0.3492
51.9	0.9654	0.6734	0.8707	0.3065	0.7893	0.7148	0.7921	0.3942
52.0	0.9734	0.6429	0.8253	0.2268	0.7323	0.7834	0.7919	0.5275
52.1	0.9420	0.7125	0.8844	0.1336	0.7261	0.8171	0.7908	0.3900
52.2	0.9696	0.6968	0.9282	0.4328	0.8560	0.8419	0.8067	0.2236
52.3	0.9671	0.6383	0.9333	0.3669	0.7920	0.7880	0.7845	0.3078
52.4	0.9675	0.6683	0.9332	0.3128	0.7384	0.6335	0.7745	0.4320
52.5	0.9659	0.6490	0.9041	0.1731	0.7995	0.6588	0.7744	0.4911
52.6	0.9559	0.7834	0.9173	0.2344	0.8453	0.7496	0.8506	0.6472
52.7	0.9529	0.7532	0.9063	0.2645	0.8491	0.7992	0.7967	0.6218
52.8	0.9792	0.7579	0.8917	0.3670	0.8769	0.8969	0.8193	0.7221
52.9	0.9713	0.8163	0.9255	0.2820	0.8703	0.8843	0.7936	0.6948
53.0	0.9647	0.7838	0.9637	0.1234	0.8749	0.8567	0.7847	0.7241
53.1	0.9619	0.6734	0.9479	0.1413	0.8188	0.7936	0.5264	0.6265
53.2	0.9861	0.7225	0.9558	0.2868	0.7648	0.8365	0.2220	0.6316
53.3	0.9842	0.7430	0.9762	0.2788	0.7773	0.8450	0.4697	0.6245
53.4	0.9755	0.8088	0.9736	0.2709	0.7164	0.8520	0.5755	0.5788
53.5	0.9601	0.8572	0.9769	0.1080	0.7943	0.8347	0.6967	0.5225
53.6	0.9727	0.8723	0.9695	0.0622	0.8257	0.7677	0.7940	0.6129
53.7	0.9839	0.8632	0.9589	0.1261	0.8541	0.8782	0.8225	0.7840
53.8	0.9781	0.8726	0.9428	0.2042	0.7834	0.9157	0.8304	0.8164
53.9	0.9875	0.8716	0.9722	0.1360	0.7426	0.9459	0.8390	0.8136
54.0	0.9912	0.8677	0.9818	0.1680	0.7677	0.9531	0.8537	0.7774
54.1	0.9762	0.8877	0.9578	0.2700	0.7672	0.9046	0.8177	0.6815
54.2	0.9528	0.8790	0.9085	0.5626	0.8074	0.8892	0.8588	0.7558
54.3	0.9744	0.8900	0.9348	0.5132	0.7857	0.9317	0.8710	0.7985
54.4	0.9888	0.8623	0.9750	0.3912	0.8357	0.9588	0.8982	0.8524
54.5	0.9899	0.8251	0.9815	0.3782	0.8698	0.9627	0.8658	0.8389
54.6	0.9839	0.8118	0.9732	0.3476	0.8575	0.9514	0.8393	0.8248
54.7	0.9744	0.8003	0.9678	0.3522	0.8530	0.9318	0.7676	0.7416
54.8	0.9774	0.8137	0.9663	0.4419	0.8291	0.9215	0.7315	0.7560
54.9	0.9838	0.8237	0.9788	0.5340	0.8482	0.9581	0.7992	0.8177
55.0	0.9870	0.8214	0.9833	0.5518	0.8275	0.9457	0.7981	0.7797
55.1	0.9875	0.7751	0.9839	0.4131	0.7999	0.9255	0.7125	0.7038
55.2	0.9882	0.6804	0.9848	0.3070	0.8209	0.9159	0.6400	0.6725
55.3	0.9806	0.6484	0.9846	0.3417	0.8060	0.9281	0.6175	0.6647
55.4	0.9799	0.7011	0.9841	0.2266	0.8516	0.9205	0.5339	0.6251
55.5	0.9598	0.7707	0.9679	0.2706	0.8853	0.8972	0.5755	0.7345
55.6	0.9776	0.7972	0.9718	0.3019	0.8779	0.9094	0.6079	0.7827
55.7	0.9866	0.7805	0.9886	0.3551	0.8791	0.9141	0.5387	0.7449
55.8	0.9848	0.8179	0.9898	0.3398	0.8885	0.8996	0.4459	0.7203
55.9	0.9827	0.7931	0.9913	0.2933	0.8859	0.8837	0.4322	0.6526
56.0	0.9557	0.7071	0.9747	0.1918	0.8414	0.8148	0.5446	0.6767
56.1	0.9436	0.7213	0.9631	0.2780	0.8463	0.8585	0.6336	0.7927
56.2	0.9673	0.8006	0.9830	0.2638	0.8769	0.9098	0.7024	0.8349
56.3	0.9775	0.7950	0.9894	0.3381	0.8956	0.9110	0.6313	0.8027
56.4	0.9712	0.7537	0.9876	0.2705	0.9142	0.9240	0.5850	0.8299
56.5	0.9743	0.7486	0.9882	0.2358	0.9100	0.9115	0.6669	0.8296
56.6	0.9781	0.7399	0.9898	0.1069	0.9089	0.9279	0.7304	0.8487
56.7	0.9773	0.7032	0.9919	0.1034	0.9117	0.9229	0.7478	0.8529
56.8	0.9704	0.5942	0.9887	0.0577	0.8712	0.8900	0.7424	0.8314
56.9	0.9692	0.6214	0.9893	0.1176	0.8652	0.8866	0.7538	0.8543
57.0	0.9798	0.7001	0.9917	0.2347	0.9140	0.9294	0.7654	0.8828
57.1	0.9807	0.7336	0.9900	0.3775	0.9216	0.9356	0.7575	0.8601
57.2	0.9711	0.7304	0.9837	0.2186	0.8786	0.8965	0.7462	0.8410
57.3	0.9755	0.7205	0.9863	0.3405	0.8568	0.9309	0.8117	0.8846
57.4	0.9849	0.8025	0.9867	0.3758	0.8793	0.9369	0.7604	0.8873
57.5	0.9813	0.7652	0.9859	0.3808	0.8854	0.9260	0.7098	0.8371
57.6	0.9791	0.7645	0.9901	0.4777	0.8816	0.9143	0.7481	0.8053
57.7	0.9842	0.8354	0.9905	0.3990	0.9059	0.9403	0.8399	0.8777
57.8	0.9800	0.8406	0.9876	0.3034	0.8764	0.9331	0.8354	0.8742
57.9	0.9761	0.8365	0.9848	0.2842	0.8815	0.9078	0.7997	0.8473
58.0	0.9743	0.8125	0.9838	0.3802	0.8732	0.8885	0.8000	0.8396
58.1	0.9765	0.8192	0.9883	0.4767	0.8731	0.9098	0.8612	0.8975
58.2	0.9831	0.8505	0.9887	0.5538	0.8869	0.9070	0.8540	0.8818
58.3	0.9750	0.8810	0.9853	0.4985	0.8884	0.8822	0.8349	0.8756
58.4	0.9778	0.9048	0.9800	0.4562	0.9150	0.8887	0.8569	0.9256
58.5	0.9839	0.8872	0.9868	0.4628	0.9329	0.9204	0.8995	0.9395
58.6	0.9765	0.8506	0.9824	0.5098	0.9124	0.9200	0.8960	0.9161
58.7	0.9788	0.8695	0.9843	0.6146	0.9128	0.9032	0.9143	0.8993
58.8	0.9782	0.8840	0.9809	0.5971	0.8916	0.8866	0.8855	0.9057
58.9	0.9840	0.8842	0.9835	0.6396	0.8698	0.9013	0.9033	0.9204
59.0	0.9798	0.8711	0.9730	0.5916	0.5804	0.8716	0.7341	0.8768
59.1	0.9778	0.8746	0.9715	0.5910	0.6300	0.8345	0.6976	0.8382
59.2	0.9727	0.8760	0.9767	0.6455	0.8721	0.8353	0.8744	0.8557
59.3	0.9789	0.9229	0.9830	0.6843	0.9028	0.8274	0.8812	0.8091
59.4	0.9867	0.9519	0.9851	0.7896	0.9195	0.7005	0.8912	0.8339
59.5	0.9756	0.9251	0.9771	0.7463	0.8891	0.6246	0.8864	0.8485

59.6	0.9707	0.9180	0.9726	0.6882	0.8651	0.5022	0.8339	0.7711
59.7	0.9770	0.9276	0.9716	0.6885	0.8751	0.5180	0.8312	0.8333
59.8	0.9768	0.8867	0.9610	0.6449	0.6127	0.3639	0.5137	0.8262
59.9	0.9652	0.0094	0.0459	0.0341	0.4471	0.1892	0.4593	0.7541
60.0	0.9545	0.0030	0.0173	0.0102	0.6617	0.2594	0.7175	0.7371
60.1	0.9560	0.0105	0.0577	0.0409	0.6810	0.3089	0.7185	0.7706
60.2	0.9562	0.7344	0.9049	0.5104	0.7125	0.1654	0.7651	0.7239
60.3	0.9583	0.9031	0.9524	0.5953	0.7174	0.1816	0.7647	0.7064
60.4	0.9488	0.9134	0.9580	0.5796	0.7182	0.2059	0.7423	0.6402
60.5	0.9442	0.9131	0.9657	0.4737	0.7783	0.2575	0.6722	0.5004
60.6	0.9609	0.9344	0.9625	0.5757	0.7597	0.3551	0.6648	0.4905
60.7	0.9445	0.9093	0.9537	0.4937	0.6585	0.3642	0.4562	0.4124
60.8	0.9244	0.8922	0.9454	0.4374	0.7200	0.3690	0.2895	0.5085
60.9	0.9236	0.9052	0.9447	0.3693	0.6854	0.3795	0.1028	0.6036
61.0	0.9048	0.9033	0.9384	0.3759	0.6795	0.4703	0.1601	0.5512
61.1	0.8673	0.8703	0.9320	0.3566	0.6921	0.4275	0.3821	0.6144
61.2	0.8772	0.8724	0.9317	0.3367	0.6725	0.4393	0.2864	0.5937
61.3	0.9135	0.8910	0.9296	0.5060	0.6342	0.3978	0.2357	0.5904
61.4	0.8567	0.8575	0.9245	0.2986	0.6767	0.2443	0.2900	0.5396
61.5	0.8856	0.9099	0.9366	0.4181	0.7476	0.3345	0.1942	0.5182
61.6	0.8646	0.8975	0.9523	0.3722	0.7681	0.4655	0.1319	0.4627
61.7	0.8357	0.8714	0.9459	0.2833	0.6602	0.4890	0.0147	0.2863
61.8	0.8654	0.8976	0.9407	0.3314	0.7039	0.5415	0.0154	0.2979
61.9	0.8961	0.9220	0.9597	0.4865	0.7757	0.6696	0.0414	0.2129
62.0	0.8726	0.9063	0.9509	0.3899	0.7252	0.7035	0.1041	0.0331
62.1	0.8399	0.8813	0.9398	0.3607	0.7207	0.6699	0.1816	0.0059
62.2	0.8044	0.8688	0.9528	0.4302	0.7737	0.6905	0.2201	0.0173
62.3	0.8380	0.8869	0.9589	0.4966	0.8098	0.6799	0.3666	0.0238
62.4	0.8479	0.9014	0.9587	0.4958	0.8542	0.7220	0.4253	0.0722
62.5	0.8849	0.9285	0.9709	0.4849	0.8446	0.7816	0.5981	0.1341
62.6	0.9037	0.9453	0.9805	0.5314	0.8888	0.7813	0.5720	0.1068
62.7	0.8930	0.9301	0.9756	0.6373	0.9210	0.8231	0.6307	0.1743
62.8	0.9167	0.9447	0.9828	0.7596	0.9252	0.8927	0.7498	0.2564
62.9	0.9222	0.9446	0.9813	0.6592	0.9249	0.8777	0.7415	0.3200
63.0	0.9196	0.9497	0.9834	0.6340	0.9278	0.8718	0.7517	0.3567
63.1	0.9286	0.9544	0.9859	0.5980	0.9377	0.8764	0.7513	0.3956
63.2	0.9229	0.9494	0.9839	0.6166	0.9319	0.9022	0.7049	0.1865
63.3	0.9161	0.9543	0.9837	0.6584	0.9239	0.8756	0.7174	0.1831
63.4	0.9280	0.9685	0.9883	0.7383	0.9513	0.9041	0.7489	0.2736
63.5	0.9378	0.9621	0.9893	0.7694	0.9567	0.9163	0.7474	0.3353
63.6	0.9305	0.9570	0.9906	0.7736	0.9637	0.9113	0.7495	0.3631
63.7	0.9379	0.9693	0.9930	0.8161	0.9670	0.9079	0.7231	0.5222
63.8	0.9420	0.9715	0.9914	0.8559	0.9705	0.9126	0.6049	0.4012
63.9	0.9379	0.9695	0.9898	0.8505	0.9612	0.9373	0.5042	0.3147
64.0	0.9248	0.9662	0.9915	0.7051	0.9580	0.9320	0.3518	0.4097
64.1	0.9208	0.9598	0.9900	0.7391	0.9623	0.9039	0.3367	0.5392
64.2	0.9094	0.9482	0.9891	0.7442	0.9618	0.8898	0.3849	0.6257
64.3	0.9109	0.9485	0.9851	0.7401	0.9636	0.8533	0.1353	0.6075
64.4	0.9092	0.9489	0.9863	0.7201	0.9578	0.8466	0.0896	0.6362
64.5	0.9374	0.9492	0.9912	0.7064	0.9620	0.8601	0.1745	0.6895
64.6	0.9478	0.9542	0.9915	0.7919	0.9644	0.8961	0.3474	0.6521
64.7	0.9378	0.9389	0.9896	0.7789	0.9469	0.8935	0.4217	0.6225
64.8	0.9426	0.9465	0.9917	0.7746	0.9375	0.8874	0.5475	0.6293
64.9	0.9284	0.9328	0.9882	0.7575	0.9424	0.8715	0.6693	0.5567
65.0	0.9333	0.9312	0.9889	0.7921	0.9424	0.8791	0.7651	0.4790
65.1	0.9401	0.9326	0.9885	0.7466	0.9483	0.8984	0.7854	0.4452
65.2	0.9267	0.9208	0.9896	0.6565	0.9333	0.8754	0.8112	0.3458
65.3	0.9500	0.9435	0.9913	0.5912	0.9382	0.8779	0.8853	0.3713
65.4	0.9555	0.9351	0.9888	0.5543	0.9416	0.8461	0.8780	0.4114
65.5	0.9534	0.9363	0.9897	0.5665	0.9566	0.8321	0.8670	0.5184
65.6	0.9645	0.9564	0.9914	0.6464	0.9676	0.8486	0.9204	0.6379
65.7	0.9561	0.9555	0.9895	0.5636	0.9518	0.7507	0.9237	0.6487
65.8	0.9414	0.9393	0.9878	0.2665	0.9393	0.6962	0.9129	0.5959
65.9	0.9324	0.9394	0.9825	0.1265	0.9379	0.5933	0.8980	0.5336
66.0	0.9427	0.9316	0.9825	0.0384	0.9411	0.6680	0.9068	0.6291
66.1	0.9316	0.9284	0.9853	0.0033	0.9403	0.5888	0.9133	0.6142
66.2	0.9309	0.9253	0.9851	0.0523	0.9466	0.5876	0.9152	0.6278
66.3	0.9348	0.9206	0.9875	0.0080	0.9668	0.6091	0.9251	0.6423
66.4	0.8952	0.8919	0.9805	0.0112	0.9542	0.5242	0.8945	0.6105
66.5	0.8973	0.9043	0.9771	0.0372	0.9413	0.5742	0.8800	0.7147
66.6	0.9299	0.9301	0.9828	0.2727	0.9490	0.6019	0.8669	0.7370
66.7	0.9510	0.9331	0.9887	0.2255	0.9522	0.6085	0.8788	0.7545
66.8	0.9277	0.9231	0.9838	0.2977	0.9560	0.6864	0.8818	0.7809
66.9	0.8479	0.8630	0.9647	0.3406	0.9308	0.5907	0.8122	0.7243
67.0	0.8316	0.8609	0.9685	0.3185	0.9141	0.4787	0.8288	0.6357
67.1	0.8601	0.9050	0.9756	0.3580	0.9049	0.5575	0.8362	0.6632
67.2	0.8826	0.9256	0.9758	0.4203	0.9143	0.6096	0.7964	0.7343
67.3	0.8849	0.8970	0.9738	0.5443	0.9054	0.4806	0.7916	0.7837
67.4	0.8973	0.9002	0.9697	0.5224	0.9180	0.5264	0.8054	0.7852
67.5	0.8760	0.9085	0.9645	0.3989	0.8708	0.4760	0.7306	0.7395
67.6	0.8533	0.8963	0.9643	0.5031	0.8571	0.3082	0.5833	0.7552
67.7	0.8380	0.9133	0.9476	0.6299	0.8635	0.2208	0.6114	0.7763
67.8	0.8661	0.9198	0.9497	0.6658	0.8678	0.2317	0.6400	0.8831
67.9	0.8575	0.9073	0.9546	0.6319	0.8458	0.1652	0.6334	0.8642
68.0	0.8546	0.9214	0.9533	0.7461	0.8220	0.0338	0.6754	0.8777
68.1	0.8023	0.9000	0.9384	0.6960	0.7806	0.0271	0.6692	0.8528

68.2	0.7776	0.8592	0.9315	0.6344	0.8180	0.0661	0.6951	0.8331
68.3	0.7696	0.8984	0.9318	0.6687	0.8550	0.1647	0.8200	0.8314
68.4	0.7612	0.8830	0.9411	0.7051	0.8683	0.1315	0.8362	0.8314
68.5	0.7381	0.8281	0.9304	0.6478	0.8514	0.0696	0.8136	0.8384
68.6	0.7757	0.8356	0.9395	0.6586	0.8880	0.1030	0.8274	0.8102
68.7	0.8703	0.8316	0.9700	0.7469	0.9355	0.1389	0.8454	0.8132
68.8	0.8690	0.7972	0.9627	0.7191	0.9222	0.0885	0.7964	0.7857
68.9	0.8701	0.8312	0.9664	0.7713	0.9311	0.0926	0.8076	0.8327
69.0	0.8743	0.7915	0.9773	0.7646	0.9275	0.1237	0.8128	0.8802
69.1	0.8502	0.7511	0.9749	0.6565	0.9270	0.1425	0.7291	0.8680
69.2	0.8413	0.7753	0.9746	0.6165	0.9045	0.1392	0.6488	0.7944
69.3	0.8576	0.7880	0.9772	0.7327	0.8890	0.1876	0.5902	0.7835
69.4	0.8437	0.7389	0.9739	0.6770	0.8716	0.1512	0.5429	0.8101
69.5	0.8032	0.7393	0.9767	0.5941	0.8569	0.1889	0.3990	0.8264
69.6	0.7461	0.8288	0.9812	0.6005	0.8919	0.2894	0.3303	0.8645
69.7	0.7140	0.7755	0.9833	0.6574	0.9273	0.3895	0.4065	0.8660
69.8	0.6604	0.7428	0.9812	0.6575	0.9142	0.1644	0.4545	0.8298
69.9	0.6425	0.6143	0.9831	0.6584	0.9282	0.0885	0.5053	0.8407
70.0	0.6431	0.1933	0.9627	0.7070	0.9395	0.0908	0.6298	0.8836
70.1	0.7326	0.3405	0.9775	0.6727	0.9351	0.0868	0.6746	0.9058
70.2	0.7082	0.6693	0.9841	0.6106	0.9270	0.2085	0.6869	0.9132
70.3	0.5949	0.6625	0.9821	0.6533	0.9097	0.3845	0.6585	0.8785
70.4	0.5147	0.7194	0.9825	0.6993	0.9198	0.5104	0.7183	0.8930
70.5	0.6239	0.7080	0.9832	0.6559	0.9287	0.4522	0.7327	0.9044
70.6	0.7442	0.7602	0.9827	0.6773	0.9275	0.5013	0.7481	0.8955
70.7	0.6598	0.7697	0.9804	0.6443	0.9136	0.4388	0.7621	0.8878
70.8	0.6984	0.6710	0.9802	0.5898	0.9014	0.4747	0.8079	0.8907
70.9	0.7020	0.6686	0.9842	0.6838	0.9132	0.5363	0.8197	0.8882
71.0	0.5405	0.7071	0.9818	0.6956	0.8781	0.4743	0.7961	0.8904
71.1	0.5119	0.6733	0.9866	0.6758	0.8737	0.4421	0.7736	0.9118
71.2	0.6714	0.6799	0.9894	0.7010	0.9066	0.4788	0.8682	0.9120
71.3	0.6381	0.7906	0.9876	0.7221	0.9102	0.5336	0.9045	0.9185
71.4	0.5818	0.7980	0.9834	0.6545	0.8922	0.4963	0.8751	0.9071
71.5	0.5383	0.7608	0.9862	0.5763	0.8789	0.4750	0.8969	0.8944
71.6	0.5775	0.7477	0.9862	0.5703	0.8671	0.5894	0.8978	0.8911
71.7	0.5139	0.7720	0.9858	0.6130	0.8155	0.5919	0.8785	0.8631
71.8	0.4803	0.7800	0.9845	0.6479	0.8282	0.4729	0.8645	0.8736
71.9	0.4317	0.7185	0.9785	0.5894	0.8142	0.4856	0.8225	0.8579
72.0	0.4739	0.7210	0.9759	0.5390	0.6891	0.4835	0.8353	0.7836
72.1	0.5669	0.8014	0.9819	0.6053	0.6790	0.5767	0.8679	0.7875
72.2	0.3948	0.7588	0.9840	0.5695	0.7327	0.5194	0.8491	0.8318
72.3	0.2741	0.7281	0.9787	0.5507	0.6959	0.5342	0.8122	0.7969
72.4	0.3407	0.7327	0.9774	0.5882	0.6535	0.5197	0.8476	0.7719
72.5	0.3750	0.8023	0.9824	0.6087	0.5843	0.5917	0.8445	0.7198
72.6	0.3366	0.8035	0.9799	0.6394	0.6324	0.6319	0.8389	0.7556
72.7	0.2044	0.6990	0.9681	0.5552	0.6142	0.5811	0.8000	0.7153
72.8	0.2796	0.7102	0.9693	0.6023	0.6682	0.5245	0.8259	0.6475
72.9	0.3934	0.7077	0.9714	0.5110	0.7077	0.5221	0.8290	0.6889
73.0	0.4595	0.7348	0.9719	0.5101	0.7239	0.4687	0.8315	0.7365
73.1	0.5095	0.7859	0.9739	0.6600	0.6795	0.4866	0.8536	0.7168
73.2	0.5787	0.7788	0.9674	0.6183	0.6347	0.5252	0.8160	0.6906
73.3	0.6194	0.7933	0.9690	0.6074	0.7386	0.6688	0.8396	0.7099
73.4	0.6407	0.7705	0.9720	0.5632	0.7037	0.6380	0.8610	0.6531
73.5	0.7054	0.8027	0.9755	0.6596	0.6393	0.7182	0.8842	0.6176
73.6	0.7530	0.8144	0.9737	0.6347	0.6145	0.6751	0.8934	0.7023
73.7	0.7676	0.7659	0.9659	0.4939	0.6337	0.5903	0.8517	0.6765
73.8	0.7490	0.7252	0.9702	0.5394	0.6780	0.5127	0.8546	0.6458
73.9	0.7823	0.7270	0.9645	0.5851	0.6902	0.5099	0.8571	0.6811
74.0	0.8342	0.7676	0.9617	0.7072	0.7218	0.5557	0.8602	0.7114
74.1	0.8279	0.8028	0.9592	0.7471	0.7379	0.6162	0.8707	0.6887
74.2	0.8526	0.7891	0.9662	0.6934	0.7163	0.6515	0.9029	0.7433
74.3	0.8623	0.8011	0.9609	0.6928	0.7012	0.7176	0.9080	0.7005
74.4	0.8513	0.7544	0.9555	0.6716	0.6537	0.5801	0.9059	0.6885
74.5	0.8605	0.7429	0.9602	0.6505	0.7249	0.3768	0.8835	0.6140
74.6	0.8885	0.8187	0.9625	0.7113	0.7902	0.5078	0.8910	0.5069
74.7	0.9242	0.8402	0.9717	0.7974	0.7944	0.7259	0.9218	0.6572
74.8	0.9153	0.8149	0.9614	0.7113	0.7287	0.7061	0.8953	0.5764
74.9	0.9050	0.8038	0.9530	0.6308	0.6906	0.6468	0.9047	0.4161
75.0	0.9305	0.8321	0.9642	0.6755	0.7639	0.6602	0.9270	0.4324
75.1	0.9374	0.8344	0.9745	0.7249	0.7795	0.6746	0.9383	0.5218
75.2	0.9308	0.8104	0.9676	0.7526	0.7222	0.6228	0.9102	0.3382
75.3	0.9408	0.8187	0.9704	0.7306	0.7498	0.5910	0.8975	0.3741
75.4	0.9138	0.7649	0.9615	0.6270	0.6538	0.5178	0.9075	0.2505
75.5	0.9211	0.7657	0.9665	0.6628	0.7157	0.6123	0.9278	0.3206
75.6	0.9438	0.7933	0.9732	0.7071	0.7784	0.6823	0.9381	0.2349
75.7	0.9488	0.8343	0.9720	0.7631	0.7612	0.6584	0.9305	0.2534
75.8	0.9571	0.8050	0.9788	0.7694	0.7427	0.7061	0.9166	0.2097
75.9	0.9580	0.7669	0.9776	0.7678	0.7586	0.6585	0.9221	0.1246
76.0	0.9596	0.8164	0.9805	0.7913	0.7338	0.7010	0.9378	0.1526
76.1	0.9603	0.7802	0.9786	0.7139	0.7377	0.7042	0.9196	0.1350
76.2	0.9255	0.7178	0.9604	0.6114	0.5091	0.5889	0.8684	0.0174
76.3	0.9460	0.7708	0.9691	0.6541	0.6230	0.6224	0.9259	0.0296
76.4	0.9592	0.7541	0.9764	0.7265	0.6234	0.6258	0.9220	0.1008
76.5	0.9608	0.7219	0.9768	0.6423	0.5493	0.6778	0.9021	0.0670
76.6	0.9500	0.7407	0.9713	0.6540	0.5333	0.6917	0.8992	0.0272
76.7	0.9507	0.7566	0.9651	0.7169	0.4725	0.6992	0.8578	0.0112

76.8	0.9619	0.8397	0.9738	0.7619	0.3639	0.6383	0.8818	0.0474
76.9	0.9641	0.7724	0.9776	0.8106	0.3185	0.6682	0.9042	0.0796
77.0	0.9608	0.6922	0.9771	0.7770	0.1805	0.7616	0.8502	0.0761
77.1	0.9597	0.6952	0.9625	0.7555	0.1109	0.7525	0.8592	0.0811
77.2	0.9555	0.7159	0.9570	0.7369	0.0153	0.7079	0.8683	0.0866
77.3	0.9635	0.7499	0.9690	0.8250	0.0423	0.6725	0.8889	0.2405
77.4	0.9724	0.7648	0.9771	0.8641	0.0911	0.6807	0.9033	0.3638
77.5	0.9641	0.7814	0.9721	0.8304	0.1728	0.7179	0.8704	0.3066
77.6	0.9702	0.7403	0.9773	0.8341	0.3908	0.7439	0.8539	0.4389
77.7	0.9722	0.7062	0.9753	0.8074	0.5758	0.7127	0.7902	0.3770
77.8	0.9657	0.6981	0.9633	0.8287	0.6985	0.7027	0.7438	0.3391
77.9	0.9490	0.6621	0.9477	0.7872	0.6709	0.5982	0.6406	0.2621
78.0	0.9612	0.7083	0.9567	0.8376	0.7272	0.6621	0.7306	0.4375
78.1	0.9744	0.7804	0.9676	0.8735	0.8347	0.7960	0.8099	0.6713
78.2	0.9683	0.7147	0.9697	0.8461	0.8187	0.7038	0.7777	0.6063
78.3	0.9650	0.6884	0.9658	0.8625	0.8437	0.7176	0.7178	0.5991
78.4	0.9700	0.7650	0.9688	0.8696	0.8981	0.7645	0.7083	0.6768
78.5	0.9788	0.7607	0.9784	0.8996	0.8931	0.7869	0.7215	0.7268
78.6	0.9830	0.7417	0.9768	0.8962	0.8826	0.7732	0.6517	0.7005
78.7	0.9809	0.7399	0.9753	0.9201	0.9102	0.7727	0.5051	0.7459
78.8	0.9797	0.7235	0.9737	0.8993	0.9157	0.8155	0.5929	0.7717
78.9	0.9725	0.5927	0.9687	0.8606	0.9149	0.7717	0.5213	0.7792
79.0	0.9433	0.5199	0.9603	0.7856	0.8905	0.7210	0.2910	0.7636
79.1	0.9538	0.5477	0.9688	0.8123	0.8641	0.7639	0.1557	0.7369
79.2	0.9635	0.5351	0.9759	0.8400	0.8533	0.7732	0.1546	0.7400
79.3	0.9621	0.5754	0.9691	0.8667	0.8318	0.7938	0.1951	0.7294
79.4	0.9636	0.5194	0.9642	0.8432	0.8249	0.8033	0.1821	0.7229
79.5	0.9739	0.6141	0.9764	0.8691	0.8548	0.8105	0.3455	0.6999
79.6	0.9779	0.7254	0.9792	0.8812	0.8712	0.8176	0.3681	0.7219
79.7	0.9815	0.7865	0.9823	0.9046	0.9094	0.7808	0.3357	0.7563
79.8	0.9743	0.7426	0.9799	0.8958	0.9090	0.7862	0.3697	0.7640
79.9	0.9745	0.7168	0.9770	0.8766	0.9086	0.7880	0.2757	0.7306
80.0	0.9755	0.7178	0.9726	0.8639	0.9056	0.7800	0.2603	0.7052

2.2.23 Run 2 – IP270-200 – Accels 33–40

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.5613	0.1774	0.4977	0.4511	0.6485	0.1093	0.9266	0.8333
0.1	0.2379	0.0411	0.2336	0.2103	0.3367	0.0351	0.6917	0.4529
0.2	0.0056	0.0112	0.0041	0.0174	0.0182	0.0247	0.0181	0.0159
0.3	0.0159	0.0131	0.0058	0.0268	0.0028	0.0167	0.0154	0.0194
0.4	0.0061	0.0266	0.0008	0.0043	0.0315	0.0088	0.0054	0.0287
0.5	0.0183	0.0019	0.0126	0.0083	0.0086	0.0500	0.0157	0.0447
0.6	0.0471	0.0143	0.0044	0.0132	0.0049	0.0125	0.0159	0.0155
0.7	0.0014	0.0608	0.0001	0.0165	0.0346	0.0517	0.0039	0.0558
0.8	0.0104	0.4357	0.0005	0.0122	0.0778	0.0096	0.0067	0.0762
0.9	0.0044	0.8349	0.0013	0.0072	0.1051	0.0031	0.0230	0.2403
1.0	0.0267	0.8981	0.0330	0.0828	0.0761	0.0018	0.0369	0.2609
1.1	0.0344	0.9337	0.0483	0.1808	0.3390	0.0504	0.0612	0.3153
1.2	0.0108	0.9405	0.0894	0.3739	0.5567	0.0610	0.1215	0.5181
1.3	0.2268	0.8292	0.3757	0.3853	0.5407	0.1684	0.1551	0.6377
1.4	0.3431	0.7190	0.5385	0.3723	0.5753	0.3696	0.4132	0.4338
1.5	0.6276	0.8936	0.7333	0.6119	0.8174	0.7350	0.6892	0.5204
1.6	0.7297	0.9140	0.8272	0.7098	0.8691	0.8046	0.7386	0.7516
1.7	0.6454	0.7684	0.7428	0.7253	0.7574	0.6831	0.5025	0.6507
1.8	0.7345	0.7964	0.6614	0.9070	0.8375	0.7213	0.4262	0.8004
1.9	0.5467	0.9094	0.7068	0.9248	0.9279	0.7052	0.3725	0.9320
2.0	0.7569	0.9566	0.7816	0.9579	0.9634	0.8007	0.6807	0.9728
2.1	0.7347	0.9667	0.6317	0.9203	0.9761	0.8603	0.7454	0.9863
2.2	0.5936	0.9853	0.2626	0.7080	0.9904	0.7586	0.5960	0.9926
2.3	0.3911	0.9906	0.2025	0.4755	0.9929	0.5292	0.3863	0.9859
2.4	0.4815	0.9821	0.5132	0.5452	0.9871	0.5260	0.4801	0.9745
2.5	0.8294	0.9824	0.8441	0.8762	0.9896	0.7615	0.8144	0.9388
2.6	0.9196	0.9787	0.8101	0.9446	0.9878	0.6384	0.8966	0.9066
2.7	0.8855	0.9783	0.7809	0.9513	0.9814	0.4772	0.8138	0.8501
2.8	0.7882	0.9738	0.6821	0.9131	0.9760	0.3079	0.6844	0.6483
2.9	0.6233	0.9649	0.6417	0.8886	0.9714	0.3995	0.5657	0.4426
3.0	0.5563	0.9616	0.5614	0.8595	0.9685	0.4822	0.3654	0.4171
3.1	0.3703	0.9435	0.4726	0.7922	0.9557	0.4123	0.1531	0.2601
3.2	0.3161	0.9225	0.4861	0.7259	0.9481	0.4592	0.1499	0.2192
3.3	0.3919	0.9256	0.5797	0.7546	0.9453	0.5307	0.0716	0.3228
3.4	0.2440	0.8870	0.3978	0.6880	0.8976	0.3121	0.0136	0.2545
3.5	0.1613	0.9096	0.4628	0.7163	0.9195	0.3472	0.0777	0.1941
3.6	0.1700	0.9209	0.4542	0.7589	0.8919	0.3412	0.1062	0.2135
3.7	0.1011	0.8921	0.3424	0.6624	0.8575	0.3120	0.0883	0.1170
3.8	0.0336	0.8989	0.2711	0.6593	0.8788	0.2561	0.1067	0.0885
3.9	0.0417	0.9162	0.4343	0.6790	0.8621	0.4168	0.0632	0.0551
4.0	0.0669	0.9283	0.5600	0.6939	0.8815	0.3894	0.0155	0.0831
4.1	0.0681	0.9506	0.6318	0.7289	0.8768	0.4026	0.0534	0.1340
4.2	0.1373	0.9584	0.6800	0.7531	0.8139	0.3618	0.1488	0.2409
4.3	0.0967	0.9587	0.6876	0.6874	0.7719	0.4314	0.0842	0.1039
4.4	0.1451	0.9770	0.7138	0.6660	0.8107	0.5767	0.0923	0.0803
4.5	0.0893	0.9874	0.7553	0.6531	0.8538	0.6185	0.1006	0.0968
4.6	0.0748	0.9899	0.8221	0.7556	0.8815	0.7052	0.0483	0.1447
4.7	0.1279	0.9916	0.8529	0.8199	0.8263	0.8013	0.0245	0.1532
4.8	0.2524	0.9938	0.8492	0.8521	0.8375	0.8623	0.0110	0.1866
4.9	0.2900	0.9927	0.8282	0.8467	0.7839	0.8319	0.0289	0.1882
5.0	0.2733	0.9939	0.8762	0.8453	0.7645	0.8699	0.0660	0.1948
5.1	0.2041	0.9947	0.8784	0.8748	0.8276	0.8548	0.0925	0.2302
5.2	0.0890	0.9910	0.8730	0.8512	0.8030	0.8415	0.0867	0.1932
5.3	0.1237	0.9880	0.8599	0.8352	0.7799	0.8961	0.1099	0.0823
5.4	0.1690	0.9831	0.7637	0.8211	0.8150	0.8743	0.1788	0.0985
5.5	0.0530	0.9790	0.7233	0.8054	0.8254	0.8777	0.1639	0.1633
5.6	0.0102	0.9714	0.7773	0.7196	0.7618	0.9223	0.1383	0.1430
5.7	0.0360	0.9523	0.8453	0.6541	0.7121	0.8552	0.0806	0.1207
5.8	0.1266	0.9626	0.9244	0.7463	0.7962	0.8819	0.0244	0.1350
5.9	0.1543	0.9472	0.8984	0.7208	0.8351	0.8314	0.0339	0.1744
6.0	0.0547	0.9311	0.8362	0.5927	0.8270	0.8166	0.0256	0.0749
6.1	0.0212	0.9462	0.8870	0.7005	0.7939	0.8710	0.1038	0.0773
6.2	0.0856	0.9652	0.9167	0.7681	0.8071	0.8866	0.1334	0.1217
6.3	0.2098	0.9626	0.8911	0.7591	0.8149	0.8942	0.0604	0.0393
6.4	0.3463	0.9724	0.8894	0.8137	0.8157	0.9310	0.0489	0.0264
6.5	0.4271	0.9810	0.7430	0.8703	0.8438	0.9049	0.1345	0.0276
6.6	0.5492	0.9816	0.8496	0.8717	0.8325	0.9081	0.0798	0.1095
6.7	0.6052	0.9839	0.9367	0.8881	0.8276	0.9293	0.0744	0.2085
6.8	0.6073	0.9816	0.9066	0.9071	0.8068	0.9249	0.0709	0.0791
6.9	0.6466	0.9898	0.8746	0.9130	0.8614	0.9550	0.0718	0.0058
7.0	0.7380	0.9931	0.8565	0.8840	0.8381	0.9637	0.0516	0.0525
7.1	0.5176	0.9922	0.6376	0.7447	0.8132	0.9488	0.0537	0.0228
7.2	0.5184	0.9944	0.5501	0.6489	0.8616	0.9459	0.1129	0.0053
7.3	0.4515	0.9968	0.4159	0.5994	0.8585	0.9368	0.1286	0.0183
7.4	0.2424	0.9959	0.1661	0.5591	0.8627	0.9181	0.1350	0.0142
7.5	0.1093	0.9948	0.1978	0.6079	0.8532	0.9057	0.0032	0.0405
7.6	0.0258	0.9936	0.2569	0.6469	0.7804	0.8830	0.0122	0.0041
7.7	0.1495	0.9897	0.2667	0.6407	0.7290	0.8029	0.0148	0.0163
7.8	0.1580	0.9934	0.1796	0.7261	0.8295	0.8014	0.0031	0.0320
7.9	0.1360	0.9959	0.1696	0.8144	0.8545	0.8097	0.0228	0.0264

8.0	0.1306	0.9935	0.1303	0.7253	0.7693	0.7061	0.0170	0.0109
8.1	0.3276	0.9945	0.2843	0.8290	0.8077	0.7318	0.0481	0.0143
8.2	0.2801	0.9938	0.3820	0.8509	0.7312	0.7914	0.0484	0.0054
8.3	0.3894	0.9921	0.3681	0.8385	0.6517	0.8066	0.0775	0.0025
8.4	0.4779	0.9938	0.4069	0.8805	0.6760	0.8091	0.0913	0.0192
8.5	0.5359	0.9955	0.4198	0.9163	0.6893	0.8521	0.0679	0.0090
8.6	0.4673	0.9936	0.3222	0.9010	0.7102	0.8457	0.0176	0.0005
8.7	0.5719	0.9929	0.3221	0.9306	0.7886	0.8746	0.0210	0.0293
8.8	0.5724	0.9920	0.4843	0.9384	0.7955	0.8765	0.0094	0.0170
8.9	0.5420	0.9914	0.5838	0.9023	0.7795	0.8639	0.0493	0.0437
9.0	0.5698	0.9906	0.6589	0.8874	0.8027	0.8564	0.0397	0.0075
9.1	0.5896	0.9912	0.7718	0.8844	0.8244	0.8990	0.0269	0.0000
9.2	0.6937	0.9903	0.7773	0.8819	0.7565	0.8850	0.0312	0.0018
9.3	0.7280	0.9831	0.8028	0.8688	0.7685	0.8609	0.0853	0.0195
9.4	0.6236	0.9818	0.8376	0.8559	0.7459	0.8185	0.0347	0.0164
9.5	0.3707	0.9842	0.8611	0.7405	0.6741	0.7065	0.0251	0.0250
9.6	0.2645	0.9864	0.9009	0.6383	0.7265	0.6732	0.0053	0.0229
9.7	0.0655	0.9892	0.9028	0.5813	0.7905	0.5107	0.0219	0.0200
9.8	0.1271	0.9914	0.9332	0.6837	0.7972	0.4514	0.0016	0.0581
9.9	0.0308	0.9882	0.9079	0.6522	0.6648	0.2984	0.0056	0.0103
10.0	0.1126	0.9860	0.8650	0.5999	0.7274	0.2871	0.0359	0.0402
10.1	0.3560	0.9902	0.8560	0.8105	0.8254	0.4023	0.0811	0.0168
10.2	0.5610	0.9901	0.8869	0.8893	0.8725	0.5054	0.0185	0.0198
10.3	0.4795	0.9892	0.8862	0.8783	0.8661	0.5316	0.0229	0.0228
10.4	0.5715	0.9885	0.8946	0.8784	0.9037	0.5186	0.0275	0.0292
10.5	0.4856	0.9882	0.9404	0.9071	0.9102	0.5827	0.0606	0.0409
10.6	0.5476	0.9885	0.9732	0.9251	0.8974	0.7028	0.0425	0.0566
10.7	0.7422	0.9872	0.9831	0.9467	0.9390	0.8441	0.0292	0.0490
10.8	0.7544	0.9858	0.9839	0.9531	0.9390	0.8721	0.0807	0.0942
10.9	0.6338	0.9827	0.9800	0.9349	0.9239	0.8454	0.1225	0.1433
11.0	0.3404	0.9782	0.9798	0.9030	0.8578	0.8802	0.0342	0.1062
11.1	0.4578	0.9837	0.9884	0.9450	0.8932	0.8958	0.0328	0.1229
11.2	0.5512	0.9882	0.9914	0.9432	0.9400	0.9208	0.0572	0.2367
11.3	0.4639	0.9871	0.9918	0.9452	0.9314	0.9182	0.1828	0.2234
11.4	0.3235	0.9862	0.9906	0.9457	0.9331	0.9292	0.1470	0.2507
11.5	0.1756	0.9894	0.9930	0.9467	0.9503	0.9449	0.1172	0.3287
11.6	0.1604	0.9885	0.9936	0.9587	0.9293	0.9558	0.1795	0.3783
11.7	0.1173	0.9894	0.9944	0.9680	0.8886	0.9601	0.2140	0.4556
11.8	0.1244	0.9904	0.9933	0.9556	0.9064	0.9643	0.2984	0.5185
11.9	0.2207	0.9903	0.9896	0.9513	0.8946	0.9624	0.2475	0.5049
12.0	0.4458	0.9914	0.9918	0.9579	0.9190	0.9760	0.2977	0.6326
12.1	0.5555	0.9907	0.9900	0.9639	0.9315	0.9810	0.3133	0.6391
12.2	0.6761	0.9923	0.9920	0.9660	0.9619	0.9864	0.3664	0.7248
12.3	0.7404	0.9892	0.9904	0.9679	0.9489	0.9809	0.3850	0.7167
12.4	0.7687	0.9825	0.9837	0.9669	0.9579	0.9736	0.3989	0.6919
12.5	0.8820	0.9797	0.9808	0.9665	0.9690	0.9740	0.4325	0.7333
12.6	0.9040	0.9757	0.9815	0.9683	0.9609	0.9764	0.3739	0.8327
12.7	0.8648	0.9576	0.9749	0.9613	0.9373	0.9679	0.3512	0.8434
12.8	0.8700	0.9473	0.9675	0.9539	0.9232	0.9557	0.4463	0.7893
12.9	0.8714	0.9386	0.9601	0.9623	0.9347	0.9474	0.4142	0.7780
13.0	0.9153	0.9525	0.9672	0.9713	0.9494	0.9602	0.4250	0.8168
13.1	0.8641	0.9121	0.9346	0.9569	0.9046	0.9475	0.4413	0.8014
13.2	0.8746	0.9045	0.9253	0.9481	0.8995	0.9209	0.5195	0.8256
13.3	0.8717	0.8905	0.9146	0.9436	0.8888	0.9004	0.5989	0.8346
13.4	0.8849	0.8720	0.9061	0.9539	0.8679	0.8524	0.6325	0.7821
13.5	0.9578	0.9463	0.9683	0.9835	0.9405	0.9112	0.7561	0.8929
13.6	0.9697	0.9523	0.9747	0.9880	0.9520	0.8904	0.7827	0.8791
13.7	0.9838	0.9669	0.9852	0.9935	0.9661	0.7886	0.8831	0.9094
13.8	0.9900	0.9771	0.9924	0.9948	0.9760	0.6613	0.9142	0.9211
13.9	0.9911	0.9770	0.9929	0.9938	0.9771	0.1828	0.8742	0.9041
14.0	0.9885	0.9710	0.9939	0.9911	0.9754	0.2796	0.8008	0.8483
14.1	0.9824	0.9689	0.9947	0.9848	0.9691	0.6782	0.8745	0.7921
14.2	0.9842	0.9813	0.9958	0.9864	0.9770	0.8802	0.9181	0.8605
14.3	0.9777	0.9825	0.9935	0.9796	0.9764	0.9167	0.9106	0.8443
14.4	0.9470	0.9763	0.9822	0.9503	0.9696	0.8819	0.8388	0.8092
14.5	0.9305	0.9814	0.9697	0.9343	0.9683	0.9016	0.8378	0.8312
14.6	0.9149	0.9802	0.9451	0.9217	0.9661	0.9056	0.8162	0.7483
14.7	0.9049	0.9811	0.9267	0.9149	0.9767	0.9139	0.8358	0.7004
14.8	0.9299	0.9830	0.9324	0.9419	0.9632	0.9325	0.7257	0.7125
14.9	0.9478	0.9794	0.9417	0.9594	0.9581	0.9421	0.5313	0.6632
15.0	0.9766	0.9812	0.9748	0.9806	0.9612	0.9705	0.4912	0.6742
15.1	0.9704	0.9760	0.9751	0.9772	0.9547	0.9679	0.3926	0.6654
15.2	0.9655	0.9722	0.9761	0.9748	0.9484	0.9773	0.3088	0.5474
15.3	0.9701	0.9752	0.9735	0.9805	0.9289	0.9860	0.2012	0.5360
15.4	0.9723	0.9710	0.9692	0.9838	0.9251	0.9883	0.1818	0.6314
15.5	0.9730	0.9753	0.9798	0.9827	0.9488	0.9908	0.1754	0.5805
15.6	0.9720	0.9766	0.9792	0.9828	0.9496	0.9908	0.1378	0.5478
15.7	0.9644	0.9634	0.9612	0.9808	0.9077	0.9912	0.0446	0.4039
15.8	0.9445	0.9481	0.9422	0.9678	0.8589	0.9889	0.0364	0.3009
15.9	0.9359	0.9462	0.9520	0.9557	0.8294	0.9855	0.0218	0.3456
16.0	0.9141	0.9203	0.9444	0.9340	0.7806	0.9867	0.0022	0.2903
16.1	0.9106	0.9375	0.9492	0.9384	0.8242	0.9903	0.0673	0.2578
16.2	0.9175	0.9171	0.9412	0.9529	0.7998	0.9889	0.1142	0.1910
16.3	0.9322	0.8804	0.9445	0.9657	0.8069	0.9861	0.0575	0.2956
16.4	0.9293	0.8153	0.9163	0.9645	0.6604	0.9839	0.1269	0.2624
16.5	0.9413	0.7970	0.9090	0.9683	0.4572	0.9787	0.2222	0.2751

16.6	0.9602	0.7938	0.8923	0.9763	0.4333	0.9756	0.2582	0.3793
16.7	0.9511	0.6501	0.8330	0.9770	0.3588	0.9585	0.3047	0.1379
16.8	0.9517	0.4589	0.7726	0.9729	0.3155	0.9468	0.2228	0.1196
16.9	0.9485	0.4126	0.7835	0.9723	0.2145	0.9584	0.1137	0.1046
17.0	0.9391	0.2411	0.7650	0.9735	0.1494	0.9520	0.2399	0.1888
17.1	0.9388	0.1838	0.7294	0.9704	0.0853	0.9412	0.3132	0.2331
17.2	0.9278	0.1006	0.6800	0.9690	0.0542	0.9303	0.2825	0.1980
17.3	0.9305	0.1154	0.4837	0.9705	0.0146	0.9124	0.1894	0.0900
17.4	0.9353	0.2180	0.4614	0.9649	0.0453	0.8951	0.3624	0.0813
17.5	0.9457	0.3347	0.4499	0.9698	0.0928	0.8869	0.4256	0.0541
17.6	0.9240	0.4205	0.1788	0.9647	0.2180	0.8382	0.2882	0.0259
17.7	0.9037	0.5755	0.0256	0.9543	0.2913	0.7576	0.1910	0.0116
17.8	0.9090	0.5786	0.0803	0.9520	0.3203	0.6538	0.3023	0.0016
17.9	0.9035	0.6323	0.0071	0.9527	0.3982	0.6101	0.2362	0.0285
18.0	0.9083	0.6719	0.0842	0.9503	0.5344	0.5951	0.1817	0.0672
18.1	0.9098	0.7006	0.1814	0.9589	0.5767	0.6568	0.3036	0.1517
18.2	0.9134	0.7493	0.3260	0.9545	0.5821	0.6046	0.3549	0.2218
18.3	0.9108	0.7455	0.3656	0.9612	0.5932	0.5460	0.2425	0.2218
18.4	0.8772	0.7098	0.3142	0.9520	0.5545	0.3702	0.2527	0.2136
18.5	0.8585	0.7274	0.4242	0.9092	0.6603	0.4882	0.2927	0.2739
18.6	0.8571	0.7493	0.5376	0.8834	0.7323	0.5787	0.3505	0.4245
18.7	0.8176	0.7231	0.4622	0.8587	0.6910	0.5855	0.3921	0.3976
18.8	0.7928	0.6947	0.3800	0.8972	0.6372	0.5900	0.3236	0.2698
18.9	0.7912	0.6965	0.4401	0.9047	0.6585	0.6135	0.2209	0.3816
19.0	0.7681	0.6945	0.5069	0.8742	0.6729	0.6572	0.0986	0.5137
19.1	0.7280	0.6853	0.4953	0.8221	0.6579	0.6353	0.1102	0.4979
19.2	0.5981	0.5389	0.3956	0.7117	0.5082	0.4807	0.1191	0.3732
19.3	0.6511	0.6104	0.5008	0.6965	0.5698	0.5700	0.1763	0.3828
19.4	0.6066	0.6134	0.4665	0.6461	0.5520	0.5785	0.1545	0.4343
19.5	0.6291	0.6587	0.5433	0.6947	0.6049	0.6491	0.1473	0.5708
19.6	0.6191	0.6591	0.5304	0.6653	0.6092	0.6330	0.1547	0.5508
19.7	0.5004	0.5297	0.4313	0.5440	0.4962	0.5370	0.0454	0.4640
19.8	0.5221	0.5438	0.4806	0.5551	0.5192	0.5674	0.1255	0.4086
19.9	0.5790	0.5798	0.5556	0.6051	0.5767	0.6038	0.2129	0.4725
20.0	0.5816	0.6014	0.6168	0.6123	0.5842	0.6244	0.1882	0.5365
20.1	0.6372	0.6255	0.6696	0.6524	0.6425	0.6713	0.2065	0.6460
20.2	0.6920	0.7062	0.7054	0.7152	0.6991	0.7244	0.2459	0.6741
20.3	0.6517	0.6868	0.6821	0.6860	0.6749	0.6935	0.3056	0.6120
20.4	0.7157	0.7129	0.7515	0.7450	0.7380	0.7575	0.2702	0.6970
20.5	0.7548	0.7845	0.7891	0.7900	0.7688	0.7922	0.2676	0.7205
20.6	0.7790	0.7930	0.8167	0.8024	0.7961	0.8157	0.2065	0.7063
20.7	0.7812	0.7926	0.8192	0.7998	0.7990	0.8122	0.2016	0.7045
20.8	0.8486	0.8799	0.8868	0.8782	0.8529	0.8746	0.2985	0.7753
20.9	0.8740	0.8685	0.9003	0.9061	0.8697	0.9011	0.2790	0.7663
21.0	0.8134	0.7733	0.8507	0.8303	0.8185	0.8677	0.1566	0.6733
21.1	0.7965	0.7575	0.8525	0.8037	0.8073	0.8563	0.0581	0.6602
21.2	0.7950	0.7330	0.8441	0.8106	0.8060	0.8610	0.0446	0.7126
21.3	0.8020	0.7630	0.8424	0.8512	0.8177	0.8545	0.1370	0.7467
21.4	0.8245	0.7775	0.8788	0.8481	0.8285	0.8469	0.1242	0.6991
21.5	0.8873	0.8338	0.9018	0.8898	0.8760	0.8937	0.1169	0.7400
21.6	0.8502	0.7960	0.8873	0.8524	0.8377	0.8787	0.1347	0.7129
21.7	0.8661	0.7913	0.9012	0.8509	0.8706	0.9042	0.1295	0.7235
21.8	0.8485	0.7534	0.8926	0.8144	0.8447	0.8899	0.0870	0.6693
21.9	0.8244	0.7550	0.8965	0.7977	0.8023	0.8806	0.0215	0.6737
22.0	0.7872	0.7393	0.9016	0.7584	0.7745	0.8833	0.0409	0.5985
22.1	0.6834	0.6502	0.8574	0.6805	0.7054	0.8226	0.0736	0.4644
22.2	0.7430	0.7872	0.9128	0.7478	0.7317	0.8428	0.0484	0.5190
22.3	0.7656	0.8145	0.9287	0.7538	0.7174	0.8620	0.0057	0.5483
22.4	0.7095	0.7821	0.9136	0.7403	0.6733	0.8045	0.0008	0.5043
22.5	0.7427	0.7335	0.9139	0.7541	0.6818	0.7672	0.0040	0.5309
22.6	0.7095	0.6693	0.8909	0.7541	0.6691	0.8518	0.0055	0.5504
22.7	0.6063	0.6080	0.8835	0.7088	0.5062	0.7852	0.0279	0.4034
22.8	0.6158	0.5057	0.8767	0.6994	0.5013	0.7885	0.0141	0.3688
22.9	0.5927	0.4557	0.8393	0.6927	0.5340	0.8380	0.0103	0.4010
23.0	0.6024	0.3633	0.8395	0.6514	0.5106	0.7969	0.0991	0.3887
23.1	0.6618	0.2907	0.8750	0.7108	0.5562	0.8072	0.0524	0.4893
23.2	0.6266	0.3188	0.8933	0.6626	0.5307	0.8414	0.0022	0.4684
23.3	0.4725	0.1300	0.8651	0.6376	0.3227	0.8045	0.0025	0.3271
23.4	0.5953	0.1320	0.8975	0.7469	0.4194	0.8344	0.0859	0.4081
23.5	0.6477	0.1383	0.8896	0.7181	0.4522	0.8166	0.1262	0.3202
23.6	0.6553	0.1124	0.8387	0.5786	0.3555	0.7529	0.0163	0.2720
23.7	0.7128	0.0849	0.8673	0.6167	0.3480	0.7554	0.0030	0.2768
23.8	0.7465	0.1100	0.8533	0.5536	0.2519	0.7152	0.0070	0.3000
23.9	0.7638	0.0973	0.8575	0.5186	0.1855	0.7345	0.0036	0.3118
24.0	0.6834	0.1414	0.8388	0.4643	0.1422	0.7415	0.0471	0.2227
24.1	0.6306	0.3468	0.8150	0.4951	0.2412	0.7623	0.0601	0.2401
24.2	0.6861	0.2040	0.8303	0.4689	0.2320	0.7603	0.0598	0.3396
24.3	0.7520	0.1654	0.8555	0.5262	0.0579	0.7574	0.0574	0.2101
24.4	0.7242	0.2713	0.8121	0.4758	0.0702	0.7391	0.0238	0.0810
24.5	0.7472	0.3497	0.8270	0.4298	0.1413	0.7690	0.0077	0.0850
24.6	0.6811	0.3113	0.8284	0.4574	0.0648	0.8004	0.0391	0.1323
24.7	0.6397	0.2833	0.8506	0.5331	0.0169	0.7782	0.0520	0.0713
24.8	0.7038	0.2714	0.8548	0.4218	0.0146	0.7825	0.0086	0.0462
24.9	0.6726	0.3021	0.7717	0.3347	0.0510	0.7158	0.0491	0.1381
25.0	0.7283	0.3393	0.7032	0.2903	0.1347	0.6301	0.0006	0.0883
25.1	0.6284	0.3166	0.6904	0.2123	0.0293	0.5145	0.0026	0.0555

25.2	0.5503	0.3328	0.6972	0.1763	0.0014	0.4974	0.0058	0.0301
25.3	0.5824	0.3315	0.7339	0.2236	0.0087	0.4401	0.0197	0.0035
25.4	0.5977	0.4094	0.6847	0.1299	0.0463	0.3434	0.0343	0.0408
25.5	0.6081	0.4906	0.5113	0.0979	0.0673	0.3824	0.0030	0.0399
25.6	0.6109	0.4696	0.5441	0.0552	0.0749	0.4114	0.0029	0.0100
25.7	0.5566	0.5492	0.4792	0.0383	0.0938	0.3334	0.0066	0.0118
25.8	0.5695	0.6389	0.4870	0.0721	0.1000	0.3972	0.0085	0.0187
25.9	0.5884	0.7270	0.3819	0.1691	0.0755	0.5338	0.0446	0.0453
26.0	0.6497	0.7137	0.4071	0.1190	0.0672	0.5205	0.0029	0.0062
26.1	0.6468	0.6625	0.5076	0.0778	0.1523	0.4852	0.0027	0.0003
26.2	0.6598	0.6119	0.4999	0.0833	0.0308	0.4011	0.0237	0.0436
26.3	0.7153	0.5233	0.3941	0.0753	0.0436	0.3054	0.0291	0.0782
26.4	0.6569	0.6171	0.1768	0.1972	0.1598	0.2873	0.0044	0.0769
26.5	0.6760	0.7036	0.1271	0.3602	0.1374	0.3549	0.0233	0.0640
26.6	0.7125	0.7356	0.1161	0.4073	0.1369	0.3949	0.0198	0.1214
26.7	0.7026	0.6901	0.1910	0.3287	0.1143	0.3860	0.0075	0.1021
26.8	0.7080	0.7144	0.1746	0.3662	0.0495	0.2719	0.0012	0.1272
26.9	0.6108	0.5875	0.0502	0.3860	0.0603	0.1439	0.0017	0.0603
27.0	0.5950	0.5808	0.0638	0.3634	0.0663	0.1944	0.0414	0.0724
27.1	0.6175	0.6194	0.0846	0.4502	0.0454	0.1953	0.0105	0.1453
27.2	0.5813	0.5557	0.1106	0.3455	0.0883	0.1774	0.0006	0.1227
27.3	0.6335	0.6208	0.1650	0.4388	0.0527	0.3324	0.0208	0.0617
27.4	0.6352	0.6431	0.1496	0.4550	0.1728	0.2797	0.0101	0.0969
27.5	0.6289	0.6151	0.2358	0.4276	0.2276	0.3302	0.0897	0.1883
27.6	0.6676	0.6619	0.3243	0.5024	0.1841	0.3325	0.0511	0.2034
27.7	0.5857	0.6346	0.2981	0.4679	0.0870	0.2439	0.0002	0.1415
27.8	0.6853	0.6231	0.3160	0.3586	0.0708	0.2694	0.0038	0.0702
27.9	0.6763	0.6400	0.4188	0.4968	0.2222	0.3755	0.0129	0.0951
28.0	0.7438	0.7049	0.5636	0.6289	0.3618	0.5277	0.0005	0.1243
28.1	0.8220	0.8279	0.6785	0.7040	0.4583	0.6093	0.0320	0.1704
28.2	0.8825	0.8726	0.7969	0.7784	0.5358	0.7465	0.0538	0.3470
28.3	0.8525	0.8739	0.8229	0.7975	0.4447	0.7814	0.0361	0.3075
28.4	0.8518	0.8246	0.7464	0.7326	0.4094	0.6712	0.0038	0.2199
28.5	0.8541	0.8212	0.7585	0.7844	0.3706	0.6177	0.0046	0.2273
28.6	0.8838	0.8710	0.8421	0.8079	0.4093	0.6997	0.0024	0.1934
28.7	0.8580	0.8876	0.8120	0.7763	0.4137	0.5710	0.0143	0.1365
28.8	0.8663	0.8943	0.7898	0.7834	0.2941	0.5444	0.0168	0.0833
28.9	0.9089	0.8913	0.8315	0.7982	0.3541	0.6524	0.0392	0.1718
29.0	0.9133	0.9197	0.8020	0.8325	0.3364	0.7080	0.0157	0.1321
29.1	0.8855	0.9195	0.8566	0.8850	0.3023	0.5541	0.0044	0.1535
29.2	0.8860	0.8932	0.8340	0.8410	0.2625	0.4145	0.0155	0.1607
29.3	0.9157	0.9261	0.8233	0.8780	0.3661	0.5581	0.0011	0.1683
29.4	0.8837	0.9283	0.8318	0.9058	0.4650	0.5362	0.0037	0.1900
29.5	0.9123	0.9477	0.8257	0.9229	0.3441	0.4903	0.0027	0.2337
29.6	0.9336	0.9598	0.8452	0.9303	0.2536	0.5546	0.0125	0.2668
29.7	0.9273	0.9482	0.7959	0.9187	0.3603	0.5721	0.0020	0.2666
29.8	0.9383	0.9536	0.7639	0.9120	0.3873	0.5777	0.0015	0.4158
29.9	0.9377	0.9488	0.2824	0.7604	0.2470	0.3886	0.0149	0.4134
30.0	0.9446	0.9548	0.4572	0.8235	0.1977	0.4094	0.0225	0.3753
30.1	0.9634	0.9703	0.8198	0.9508	0.3180	0.6682	0.0503	0.4435
30.2	0.9628	0.9673	0.8453	0.9530	0.2964	0.6063	0.0027	0.4426
30.3	0.9294	0.9563	0.8325	0.9387	0.2135	0.6556	0.0608	0.3130
30.4	0.9301	0.9597	0.8733	0.9346	0.3211	0.6918	0.0401	0.3497
30.5	0.9550	0.9682	0.8936	0.9591	0.3247	0.6446	0.0112	0.5180
30.6	0.9433	0.9613	0.8897	0.9576	0.2507	0.6672	0.0035	0.4448
30.7	0.9537	0.9650	0.9023	0.9532	0.2511	0.7602	0.0332	0.3685
30.8	0.9615	0.9697	0.9261	0.9576	0.2897	0.7871	0.0805	0.4529
30.9	0.9541	0.9621	0.9181	0.9529	0.3204	0.7833	0.0518	0.4203
31.0	0.9441	0.9578	0.9332	0.9555	0.2911	0.8423	0.1190	0.4722
31.1	0.9410	0.9533	0.9370	0.9471	0.4712	0.8497	0.0704	0.5341
31.2	0.9464	0.9625	0.9403	0.9617	0.4737	0.8673	0.0249	0.5073
31.3	0.9317	0.9486	0.9349	0.9500	0.4087	0.8664	0.0351	0.4716
31.4	0.9273	0.9477	0.9480	0.9483	0.3730	0.8762	0.0344	0.5355
31.5	0.9202	0.9369	0.9443	0.9401	0.4278	0.9046	0.0716	0.6861
31.6	0.9282	0.9365	0.9562	0.9338	0.4045	0.9259	0.1769	0.5721
31.7	0.9350	0.9436	0.9458	0.9479	0.5076	0.9060	0.1817	0.5365
31.8	0.9380	0.9541	0.9460	0.9535	0.5343	0.8907	0.1115	0.4996
31.9	0.9199	0.9345	0.9448	0.9287	0.4938	0.8894	0.0863	0.3843
32.0	0.9021	0.9170	0.9414	0.9067	0.5831	0.9112	0.0506	0.3758
32.1	0.8992	0.9233	0.9474	0.9126	0.6471	0.9199	0.0684	0.3782
32.2	0.8956	0.9165	0.9563	0.9087	0.6517	0.9222	0.1543	0.1834
32.3	0.8580	0.8938	0.9532	0.8805	0.6637	0.9183	0.1889	0.1242
32.4	0.8365	0.8764	0.9492	0.8540	0.7477	0.9132	0.1241	0.0680
32.5	0.8277	0.8715	0.9476	0.8446	0.7586	0.9151	0.0432	0.0078
32.6	0.8716	0.9060	0.9525	0.8748	0.7317	0.9270	0.0472	0.0069
32.7	0.7625	0.8352	0.9479	0.7750	0.7425	0.9257	0.0331	0.1252
32.8	0.6938	0.8181	0.9521	0.7201	0.6990	0.9440	0.0290	0.2511
32.9	0.5706	0.7715	0.9457	0.6380	0.5549	0.9428	0.0379	0.3092
33.0	0.4831	0.6656	0.9162	0.4567	0.4250	0.9137	0.0374	0.3310
33.1	0.5748	0.6990	0.9399	0.3975	0.3952	0.9409	0.0150	0.3914
33.2	0.5356	0.6373	0.9486	0.2311	0.5178	0.9478	0.0112	0.4531
33.3	0.4595	0.5866	0.9641	0.1162	0.6040	0.9698	0.0508	0.5657
33.4	0.4988	0.5866	0.9519	0.0403	0.5063	0.9601	0.0116	0.5645
33.5	0.6250	0.6529	0.9411	0.0615	0.4118	0.9514	0.0919	0.5589
33.6	0.5341	0.5272	0.9383	0.2010	0.3301	0.9499	0.0050	0.5876
33.7	0.5831	0.5142	0.9350	0.3734	0.3967	0.9356	0.0427	0.5435

33.8	0.6723	0.5513	0.9366	0.5167	0.3621	0.9274	0.0527	0.6188
33.9	0.6307	0.4783	0.9358	0.5337	0.2942	0.9175	0.0066	0.5964
34.0	0.6542	0.3924	0.9608	0.7302	0.3951	0.9322	0.0171	0.7480
34.1	0.6540	0.3481	0.9626	0.8238	0.5085	0.9350	0.0244	0.7827
34.2	0.4753	0.3534	0.9489	0.8551	0.4062	0.9108	0.0215	0.7563
34.3	0.3786	0.4561	0.9481	0.8906	0.3276	0.9250	0.0091	0.8174
34.4	0.2893	0.6342	0.9534	0.9111	0.3056	0.9374	0.0674	0.8490
34.5	0.1561	0.7237	0.9461	0.9280	0.3083	0.9390	0.0899	0.8377
34.6	0.1048	0.8297	0.9569	0.9433	0.5209	0.9426	0.1244	0.8668
34.7	0.0820	0.8671	0.9617	0.9589	0.5634	0.9543	0.2675	0.8927
34.8	0.0588	0.8698	0.9602	0.9579	0.4500	0.9567	0.2689	0.8804
34.9	0.0817	0.9106	0.9642	0.9629	0.5569	0.9617	0.3391	0.9121
35.0	0.0533	0.9048	0.9659	0.9537	0.4648	0.9622	0.2796	0.9076
35.1	0.0860	0.9164	0.9605	0.9444	0.4222	0.9417	0.2402	0.9120
35.2	0.1905	0.9493	0.9678	0.9686	0.5284	0.9597	0.3733	0.9422
35.3	0.2760	0.9512	0.9639	0.9703	0.5381	0.9544	0.3155	0.9531
35.4	0.3761	0.9597	0.9651	0.9665	0.5327	0.9464	0.3496	0.9515
35.5	0.4459	0.9637	0.9734	0.9650	0.6055	0.9501	0.3054	0.9471
35.6	0.4022	0.9527	0.9706	0.9482	0.5519	0.9210	0.2105	0.9117
35.7	0.4071	0.9565	0.9697	0.9404	0.5114	0.9192	0.2804	0.9007
35.8	0.4048	0.9457	0.9704	0.9329	0.4669	0.9258	0.1581	0.9029
35.9	0.5170	0.9603	0.9768	0.9430	0.5471	0.9350	0.1305	0.9103
36.0	0.5209	0.9467	0.9738	0.9438	0.3571	0.8956	0.0677	0.9021
36.1	0.5310	0.9346	0.9753	0.9421	0.3174	0.9149	0.0320	0.8481
36.2	0.5943	0.9438	0.9802	0.9526	0.5136	0.9344	0.0492	0.8340
36.3	0.5328	0.9309	0.9816	0.9429	0.4658	0.9431	0.0038	0.7870
36.4	0.5651	0.9310	0.9830	0.9131	0.5018	0.9614	0.0328	0.7846
36.5	0.6432	0.9408	0.9863	0.9257	0.5297	0.9724	0.2312	0.8217
36.6	0.5815	0.9408	0.9851	0.9326	0.4315	0.9776	0.2535	0.7745
36.7	0.3265	0.9230	0.9822	0.9012	0.3540	0.9761	0.0831	0.5701
36.8	0.2362	0.9057	0.9781	0.8818	0.3459	0.9648	0.0776	0.4451
36.9	0.3875	0.9153	0.9750	0.8903	0.3841	0.9691	0.0567	0.3942
37.0	0.2911	0.9107	0.9795	0.8417	0.5063	0.9687	0.1121	0.4242
37.1	0.3204	0.9110	0.9785	0.8684	0.5876	0.9763	0.1812	0.3919
37.2	0.2983	0.8742	0.9799	0.8666	0.5491	0.9765	0.1224	0.2301
37.3	0.3076	0.8958	0.9829	0.8415	0.5810	0.9761	0.2853	0.3982
37.4	0.2711	0.8564	0.9723	0.7837	0.5523	0.9595	0.2042	0.3286
37.5	0.4498	0.9129	0.9747	0.8575	0.4662	0.9840	0.2405	0.3075
37.6	0.5424	0.9201	0.9787	0.9151	0.5046	0.9836	0.1715	0.3937
37.7	0.4049	0.8934	0.9720	0.8740	0.4844	0.9789	0.1452	0.3391
37.8	0.4248	0.9007	0.9787	0.8497	0.4213	0.9802	0.2565	0.3384
37.9	0.5541	0.9006	0.9808	0.8285	0.5304	0.9810	0.3725	0.4246
38.0	0.5406	0.8577	0.9674	0.8321	0.3658	0.9793	0.2591	0.4303
38.1	0.4795	0.8221	0.9641	0.8196	0.3973	0.9754	0.1547	0.3567
38.2	0.6460	0.8222	0.9734	0.7991	0.4590	0.9809	0.1172	0.3911
38.3	0.7561	0.7952	0.9752	0.7571	0.3742	0.9851	0.3021	0.4766
38.4	0.7552	0.7023	0.9652	0.7176	0.1761	0.9770	0.2744	0.4424
38.5	0.7722	0.6892	0.9528	0.6650	0.1516	0.9640	0.3649	0.5372
38.6	0.7786	0.7792	0.9622	0.7394	0.2858	0.9699	0.4619	0.6761
38.7	0.8173	0.7379	0.9679	0.7840	0.3616	0.9765	0.4492	0.6820
38.8	0.7783	0.6872	0.9487	0.7495	0.3624	0.9592	0.3858	0.6310
38.9	0.7618	0.5901	0.9302	0.7620	0.3430	0.9428	0.3421	0.5227
39.0	0.7706	0.5368	0.9219	0.7109	0.2763	0.9318	0.4082	0.6031
39.1	0.7666	0.5520	0.9283	0.6869	0.2371	0.9266	0.3923	0.6970
39.2	0.7666	0.4637	0.9042	0.7131	0.0762	0.9103	0.5041	0.7074
39.3	0.7834	0.3667	0.8863	0.7510	0.0822	0.9177	0.5549	0.7083
39.4	0.6853	0.3320	0.8545	0.7022	0.1454	0.9013	0.5329	0.7162
39.5	0.5999	0.1191	0.8403	0.6077	0.0436	0.8502	0.5765	0.6670
39.6	0.6120	0.0737	0.8549	0.6330	0.0385	0.8682	0.6575	0.7274
39.7	0.5644	0.0176	0.8897	0.6098	0.0289	0.8736	0.5673	0.7000
39.8	0.5829	0.0318	0.9236	0.6077	0.0295	0.9115	0.5566	0.7116
39.9	0.6178	0.0998	0.9200	0.5752	0.0085	0.9233	0.5978	0.7502
40.0	0.5625	0.2419	0.9159	0.5363	0.0478	0.9093	0.5810	0.7763
40.1	0.6318	0.2502	0.9177	0.6049	0.0268	0.8859	0.6147	0.7919
40.2	0.5498	0.2746	0.9065	0.4880	0.0199	0.8703	0.6214	0.7295
40.3	0.6017	0.3088	0.9057	0.6012	0.0217	0.8839	0.6160	0.7310
40.4	0.5970	0.1807	0.8896	0.5941	0.0355	0.8628	0.5422	0.6496
40.5	0.5297	0.1696	0.8789	0.5480	0.0289	0.8761	0.4511	0.6428
40.6	0.4841	0.2285	0.8844	0.4874	0.0144	0.8438	0.3267	0.5816
40.7	0.4594	0.3220	0.8779	0.3705	0.0785	0.8572	0.4702	0.5386
40.8	0.4678	0.3339	0.8920	0.5228	0.0843	0.8897	0.5044	0.5902
40.9	0.5499	0.4405	0.8737	0.5250	0.1683	0.8848	0.6158	0.6275
41.0	0.4921	0.4373	0.8666	0.4134	0.1402	0.8860	0.5484	0.6187
41.1	0.2968	0.3930	0.9016	0.1942	0.1805	0.9123	0.4165	0.6305
41.2	0.4053	0.3953	0.8862	0.2602	0.1614	0.9141	0.4759	0.6297
41.3	0.3496	0.3678	0.8897	0.2818	0.1549	0.9190	0.4838	0.5995
41.4	0.3862	0.4078	0.8826	0.3018	0.0719	0.9225	0.5593	0.5817
41.5	0.4601	0.3975	0.8691	0.3317	0.0968	0.9080	0.5467	0.6192
41.6	0.3750	0.3781	0.8538	0.1956	0.1381	0.9092	0.4657	0.5843
41.7	0.3521	0.4744	0.8286	0.0929	0.2405	0.9103	0.5515	0.5615
41.8	0.4247	0.4771	0.8756	0.1110	0.1702	0.9236	0.6013	0.6294
41.9	0.3659	0.4157	0.8740	0.0839	0.1358	0.9439	0.6104	0.6539
42.0	0.2906	0.4584	0.8280	0.0398	0.1765	0.9325	0.5564	0.6857
42.1	0.3150	0.5588	0.8500	0.0296	0.3014	0.9383	0.6141	0.7090
42.2	0.3368	0.3629	0.8710	0.0703	0.2543	0.9143	0.4441	0.5268
42.3	0.1836	0.4145	0.9151	0.1213	0.3708	0.9163	0.5374	0.5392

42.4	0.2249	0.2516	0.8846	0.0456	0.1844	0.9004	0.5012	0.4406
42.5	0.2434	0.3151	0.9184	0.0614	0.1260	0.9255	0.5456	0.5261
42.6	0.2392	0.5138	0.9189	0.1352	0.1271	0.9240	0.5585	0.6271
42.7	0.2513	0.3901	0.8969	0.1304	0.2496	0.9357	0.5275	0.5378
42.8	0.2395	0.3799	0.8677	0.0616	0.2258	0.9213	0.5331	0.5577
42.9	0.2678	0.2282	0.8880	0.0392	0.1329	0.9174	0.4007	0.4652
43.0	0.2746	0.2467	0.9296	0.1164	0.1545	0.9547	0.3766	0.4880
43.1	0.2371	0.1796	0.9363	0.2964	0.1830	0.9496	0.4082	0.4590
43.2	0.2757	0.2276	0.9364	0.4352	0.1991	0.9455	0.3712	0.4794
43.3	0.2788	0.0981	0.8888	0.4574	0.1441	0.8850	0.3029	0.4692
43.4	0.2382	0.0999	0.9126	0.3792	0.1269	0.9105	0.3963	0.4804
43.5	0.0883	0.3716	0.9041	0.2207	0.2747	0.9280	0.2492	0.4112
43.6	0.0813	0.6060	0.9211	0.2142	0.1855	0.9158	0.3787	0.5173
43.7	0.0402	0.4317	0.9075	0.2222	0.2005	0.8764	0.4627	0.6043
43.8	0.1048	0.3647	0.8928	0.3223	0.1877	0.8608	0.4693	0.5560
43.9	0.0946	0.5824	0.9116	0.2914	0.1988	0.9086	0.4302	0.3949
44.0	0.0788	0.7446	0.9448	0.2038	0.2717	0.9384	0.4642	0.5050
44.1	0.1693	0.8378	0.9549	0.1862	0.2668	0.9656	0.4506	0.6263
44.2	0.2188	0.7176	0.9282	0.2870	0.1366	0.8912	0.4571	0.5255
44.3	0.0234	0.4685	0.9514	0.1934	0.1279	0.8943	0.4086	0.5867
44.4	0.1995	0.5740	0.9613	0.0960	0.2730	0.9271	0.4649	0.7008
44.5	0.3650	0.6803	0.9321	0.2315	0.1565	0.8993	0.5965	0.7320
44.6	0.2282	0.6597	0.9195	0.1427	0.1726	0.8438	0.5191	0.6038
44.7	0.2979	0.6968	0.9438	0.3376	0.2125	0.8646	0.4165	0.6748
44.8	0.3452	0.7474	0.9282	0.2768	0.0864	0.9112	0.4501	0.7535
44.9	0.1600	0.5420	0.9267	0.2221	0.1232	0.9340	0.3494	0.6543
45.0	0.1501	0.3696	0.9224	0.2301	0.2377	0.9066	0.3696	0.5875
45.1	0.3261	0.6610	0.9340	0.3405	0.3610	0.9095	0.5171	0.7222
45.2	0.3684	0.6099	0.9356	0.4582	0.3456	0.9305	0.4487	0.8257
45.3	0.2546	0.4459	0.9260	0.4059	0.2502	0.9436	0.3623	0.7799
45.4	0.3568	0.2709	0.9328	0.5028	0.1200	0.9662	0.4229	0.7664
45.5	0.3588	0.4183	0.9360	0.4506	0.1587	0.9581	0.4270	0.7274
45.6	0.2740	0.4030	0.8933	0.3992	0.2863	0.9141	0.3993	0.6613
45.7	0.4682	0.4283	0.9305	0.5169	0.2235	0.8805	0.3999	0.6746
45.8	0.4822	0.2753	0.9316	0.5149	0.1804	0.9137	0.3231	0.7583
45.9	0.5910	0.0196	0.9373	0.5722	0.0608	0.9378	0.5138	0.7758
46.0	0.5754	0.3563	0.9428	0.6366	0.0711	0.9345	0.5127	0.7330
46.1	0.5723	0.5704	0.9473	0.6393	0.2196	0.9253	0.3349	0.7411
46.2	0.5472	0.5149	0.9394	0.5912	0.2208	0.9215	0.2244	0.6617
46.3	0.6842	0.5698	0.9600	0.7231	0.2944	0.9511	0.4012	0.6119
46.4	0.7277	0.6586	0.9755	0.7514	0.2397	0.9561	0.4161	0.5431
46.5	0.6883	0.8230	0.9626	0.6720	0.3024	0.9381	0.3064	0.2481
46.6	0.6369	0.8273	0.9682	0.6649	0.4884	0.9401	0.0527	0.3895
46.7	0.5880	0.7872	0.9686	0.6593	0.4661	0.9462	0.0605	0.5570
46.8	0.6713	0.7769	0.9636	0.7372	0.4482	0.9441	0.1130	0.5786
46.9	0.7162	0.7836	0.9610	0.7420	0.3151	0.9262	0.0953	0.5551
47.0	0.6348	0.5952	0.9684	0.6348	0.3731	0.9427	0.1741	0.5357
47.1	0.7439	0.1902	0.9775	0.7431	0.3097	0.9496	0.1802	0.5757
47.2	0.7006	0.6011	0.9579	0.7209	0.2682	0.9438	0.1544	0.4059
47.3	0.6438	0.7675	0.9213	0.7141	0.3272	0.9373	0.0150	0.4143
47.4	0.5660	0.6953	0.9234	0.6290	0.3915	0.9419	0.0218	0.4353
47.5	0.4903	0.5596	0.9565	0.5480	0.3791	0.9546	0.0306	0.4047
47.6	0.5217	0.0912	0.9580	0.5832	0.3823	0.9257	0.0178	0.4327
47.7	0.4579	0.6170	0.9545	0.7304	0.1740	0.9167	0.0602	0.6404
47.8	0.2983	0.8514	0.9709	0.7404	0.2448	0.9484	0.0722	0.7148
47.9	0.1492	0.8760	0.9631	0.6922	0.1038	0.9536	0.0457	0.7035
48.0	0.2361	0.9471	0.9560	0.6960	0.3232	0.9202	0.0072	0.7177
48.1	0.3072	0.9342	0.9494	0.7011	0.2662	0.9366	0.0010	0.7430
48.2	0.0648	0.9198	0.9590	0.7537	0.1396	0.9699	0.0769	0.8461
48.3	0.1658	0.9022	0.9716	0.7862	0.3211	0.9749	0.0924	0.8869
48.4	0.1132	0.7728	0.9503	0.6629	0.2476	0.9649	0.1298	0.8366
48.5	0.0404	0.8315	0.9550	0.5015	0.0769	0.9680	0.2095	0.8386
48.6	0.2402	0.9311	0.9649	0.4957	0.2454	0.9638	0.2200	0.8411
48.7	0.3481	0.9342	0.9803	0.6082	0.3300	0.9754	0.2672	0.8686
48.8	0.3826	0.9155	0.9840	0.6897	0.2602	0.9758	0.4052	0.8775
48.9	0.1623	0.8189	0.9373	0.6386	0.2053	0.9371	0.5421	0.8328
49.0	0.0895	0.5249	0.8770	0.4056	0.0122	0.8630	0.1362	0.5635
49.1	0.1701	0.8741	0.9722	0.4216	0.1106	0.9654	0.1720	0.7529
49.2	0.3254	0.9213	0.9795	0.4413	0.1803	0.9702	0.3439	0.8199
49.3	0.4300	0.9445	0.9828	0.5166	0.3913	0.9608	0.4425	0.8459
49.4	0.5210	0.9228	0.9673	0.5602	0.4177	0.9585	0.4783	0.8667
49.5	0.2335	0.8631	0.9617	0.6030	0.3013	0.9553	0.3154	0.8662
49.6	0.1784	0.8140	0.9869	0.5813	0.1193	0.9830	0.2955	0.8976
49.7	0.2029	0.6612	0.9790	0.3497	0.0333	0.9739	0.2545	0.8636
49.8	0.5074	0.8390	0.9854	0.2001	0.2669	0.9803	0.3808	0.8695
49.9	0.6807	0.8730	0.9798	0.1631	0.3445	0.9781	0.4547	0.8794
50.0	0.5827	0.8763	0.9712	0.0740	0.3617	0.9747	0.3809	0.8385
50.1	0.5325	0.7820	0.9790	0.0676	0.2284	0.9787	0.4198	0.8339
50.2	0.4749	0.7508	0.9808	0.3281	0.2635	0.9785	0.3758	0.8757
50.3	0.5252	0.7372	0.9824	0.1870	0.3052	0.9803	0.4712	0.9159
50.4	0.5840	0.8875	0.9790	0.1665	0.5191	0.9807	0.4295	0.9106
50.5	0.5657	0.9242	0.9741	0.2952	0.5533	0.9777	0.2737	0.8839
50.6	0.6324	0.9082	0.9725	0.1639	0.6191	0.9823	0.1082	0.8808
50.7	0.6528	0.9125	0.9759	0.1578	0.6457	0.9801	0.2713	0.8496
50.8	0.7750	0.9111	0.9793	0.1259	0.5959	0.9842	0.2774	0.8499
50.9	0.7401	0.9135	0.9766	0.0677	0.6012	0.9724	0.2138	0.8660

51.0	0.7119	0.8878	0.9389	0.0853	0.7058	0.9462	0.1796	0.8640
51.1	0.6562	0.8679	0.9232	0.0772	0.5576	0.9502	0.1869	0.8134
51.2	0.6710	0.7203	0.9552	0.0102	0.2032	0.9655	0.1355	0.8243
51.3	0.6902	0.8628	0.9734	0.1095	0.5576	0.9767	0.1401	0.8935
51.4	0.7606	0.9421	0.9728	0.2425	0.7712	0.9686	0.1255	0.9077
51.5	0.7342	0.9273	0.9584	0.2162	0.7779	0.9486	0.1291	0.9120
51.6	0.7444	0.9307	0.9456	0.1669	0.7897	0.9415	0.0772	0.9041
51.7	0.7666	0.9021	0.9654	0.2329	0.7152	0.9636	0.1734	0.9113
51.8	0.7259	0.8431	0.9707	0.1155	0.4951	0.9730	0.2206	0.9232
51.9	0.7164	0.8555	0.9703	0.0249	0.5831	0.9716	0.0595	0.9129
52.0	0.7191	0.8480	0.9781	0.1103	0.5965	0.9753	0.1976	0.9088
52.1	0.6972	0.4934	0.9769	0.0826	0.1579	0.9693	0.1456	0.8853
52.2	0.6831	0.7737	0.9799	0.3098	0.6100	0.9747	0.2585	0.9413
52.3	0.6709	0.8964	0.9613	0.3400	0.7912	0.9630	0.2710	0.9279
52.4	0.7236	0.9287	0.9604	0.4286	0.8674	0.9676	0.2989	0.9279
52.5	0.7554	0.9130	0.9726	0.3579	0.7781	0.9773	0.2693	0.9448
52.6	0.8781	0.8750	0.9636	0.1404	0.6508	0.9714	0.3909	0.9611
52.7	0.8599	0.9057	0.9516	0.1886	0.7939	0.9679	0.4644	0.9504
52.8	0.8230	0.9147	0.9708	0.2955	0.7777	0.9844	0.5187	0.9666
52.9	0.7872	0.7102	0.9728	0.0607	0.4062	0.9827	0.4935	0.9602
53.0	0.7508	0.7816	0.9686	0.1943	0.6726	0.9732	0.5772	0.9467
53.1	0.7412	0.9069	0.9612	0.3317	0.8655	0.9647	0.6122	0.9497
53.2	0.8048	0.9516	0.9851	0.3010	0.9172	0.9817	0.6639	0.9703
53.3	0.8583	0.9366	0.9886	0.4835	0.9125	0.9804	0.6871	0.9699
53.4	0.8870	0.8390	0.9850	0.4611	0.7295	0.9790	0.6910	0.9744
53.5	0.8904	0.6218	0.9706	0.4738	0.4665	0.9741	0.6030	0.9508
53.6	0.8864	0.8715	0.9719	0.7273	0.8207	0.9797	0.6716	0.9605
53.7	0.9081	0.9678	0.9840	0.7339	0.9394	0.9870	0.7177	0.9750
53.8	0.9139	0.9752	0.9738	0.7518	0.9603	0.9747	0.7249	0.9567
53.9	0.9202	0.9797	0.9860	0.8892	0.9605	0.9861	0.7859	0.9764
54.0	0.9150	0.9836	0.9908	0.9388	0.9678	0.9905	0.8622	0.9833
54.1	0.9100	0.9794	0.9729	0.9262	0.9532	0.9726	0.8233	0.9755
54.2	0.8763	0.9771	0.9477	0.9259	0.9587	0.9520	0.7950	0.9549
54.3	0.9020	0.9628	0.9608	0.9198	0.9474	0.9726	0.7809	0.9570
54.4	0.9120	0.9681	0.9853	0.9408	0.9646	0.9908	0.8316	0.9856
54.5	0.9076	0.9769	0.9870	0.9438	0.9672	0.9902	0.8559	0.9863
54.6	0.8694	0.9712	0.9800	0.9315	0.9564	0.9848	0.8555	0.9810
54.7	0.8325	0.9567	0.9712	0.9111	0.9421	0.9790	0.8103	0.9657
54.8	0.8278	0.9562	0.9703	0.8567	0.9481	0.9772	0.7898	0.9593
54.9	0.8824	0.9737	0.9804	0.9182	0.9543	0.9859	0.8445	0.9760
55.0	0.8980	0.9753	0.9849	0.9293	0.9528	0.9894	0.8454	0.9819
55.1	0.8517	0.9731	0.9879	0.9272	0.9483	0.9949	0.8656	0.9864
55.2	0.8294	0.9739	0.9896	0.9339	0.9469	0.9939	0.8529	0.9839
55.3	0.8295	0.9776	0.9857	0.9416	0.9485	0.9922	0.8038	0.9824
55.4	0.8678	0.9855	0.9819	0.9459	0.9518	0.9906	0.8091	0.9808
55.5	0.8642	0.9799	0.9605	0.9337	0.9406	0.9829	0.7964	0.9770
55.6	0.8762	0.9684	0.9684	0.9147	0.9565	0.9887	0.8181	0.9766
55.7	0.9107	0.9794	0.9875	0.9480	0.9428	0.9953	0.8585	0.9822
55.8	0.8891	0.9801	0.9829	0.9430	0.9188	0.9951	0.8325	0.9856
55.9	0.8598	0.9818	0.9830	0.9425	0.9282	0.9958	0.8058	0.9841
56.0	0.7623	0.9626	0.9538	0.9186	0.8946	0.9854	0.7427	0.9658
56.1	0.7882	0.9659	0.9551	0.9285	0.8894	0.9799	0.7423	0.9522
56.2	0.8695	0.9768	0.9819	0.9414	0.9209	0.9936	0.8031	0.9751
56.3	0.8837	0.9723	0.9851	0.9473	0.9324	0.9954	0.8175	0.9835
56.4	0.8293	0.9744	0.9797	0.9479	0.9305	0.9947	0.8262	0.9807
56.5	0.8273	0.9734	0.9767	0.9345	0.9175	0.9949	0.8538	0.9815
56.6	0.8582	0.9755	0.9774	0.9387	0.9519	0.9962	0.8722	0.9800
56.7	0.8578	0.9831	0.9759	0.9470	0.9628	0.9962	0.8903	0.9814
56.8	0.8164	0.9797	0.9640	0.9387	0.9401	0.9943	0.8710	0.9790
56.9	0.8155	0.9749	0.9576	0.9279	0.9178	0.9942	0.8427	0.9776
57.0	0.8620	0.9769	0.9673	0.9297	0.9417	0.9955	0.8598	0.9747
57.1	0.8701	0.9712	0.9643	0.9278	0.9376	0.9941	0.8307	0.9616
57.2	0.8628	0.9595	0.9208	0.8707	0.9462	0.9866	0.7562	0.9462
57.3	0.9207	0.9706	0.9355	0.8814	0.9523	0.9853	0.8312	0.9668
57.4	0.9262	0.9764	0.9599	0.9200	0.9478	0.9902	0.8567	0.9642
57.5	0.8997	0.9662	0.9581	0.9100	0.9315	0.9926	0.8607	0.9607
57.6	0.8996	0.9684	0.9605	0.9058	0.9419	0.9935	0.8897	0.9630
57.7	0.9298	0.9712	0.9644	0.9078	0.9609	0.9924	0.8964	0.9660
57.8	0.9230	0.9601	0.9596	0.8960	0.9566	0.9938	0.8662	0.9593
57.9	0.9164	0.9566	0.9555	0.8783	0.9491	0.9923	0.8537	0.9555
58.0	0.8904	0.9584	0.9487	0.8901	0.9179	0.9917	0.8217	0.9489
58.1	0.9053	0.9584	0.9578	0.9260	0.9482	0.9934	0.8664	0.9571
58.2	0.9126	0.9504	0.9532	0.9260	0.9492	0.9920	0.8847	0.9592
58.3	0.9246	0.7702	0.9496	0.8736	0.8632	0.9892	0.8992	0.9489
58.4	0.9055	0.8145	0.9407	0.8494	0.8952	0.9864	0.9070	0.9550
58.5	0.9041	0.9489	0.9532	0.9246	0.9586	0.9925	0.9235	0.9700
58.6	0.8813	0.9547	0.9283	0.9267	0.9577	0.9884	0.9014	0.9633
58.7	0.9037	0.9568	0.9340	0.9438	0.9486	0.9887	0.9121	0.9665
58.8	0.9051	0.9545	0.9164	0.9513	0.9544	0.9887	0.9034	0.9536
58.9	0.8888	0.9606	0.9019	0.9616	0.9608	0.9913	0.9084	0.9646
59.0	0.8754	0.9498	0.8739	0.9621	0.9580	0.9870	0.8941	0.9548
59.1	0.8969	0.9237	0.8210	0.9463	0.9626	0.9809	0.8803	0.9476
59.2	0.8948	0.9230	0.8398	0.9451	0.9449	0.9849	0.8884	0.9386
59.3	0.9358	0.9340	0.8431	0.9521	0.9540	0.9854	0.9086	0.9519
59.4	0.9556	0.9512	0.8505	0.9647	0.9587	0.9894	0.9341	0.9655
59.5	0.9270	0.9434	0.7838	0.9548	0.9498	0.9853	0.9088	0.9504

59.6	0.9200	0.9136	0.6804	0.9317	0.9377	0.9837	0.8940	0.9289
59.7	0.9336	0.9359	0.5150	0.9522	0.9470	0.9833	0.9035	0.9306
59.8	0.9351	0.9392	0.3874	0.9530	0.9447	0.9834	0.8945	0.9315
59.9	0.9239	0.9140	0.1898	0.8748	0.9425	0.9767	0.8539	0.8994
60.0	0.9314	0.8839	0.0391	0.6347	0.9134	0.9811	0.7995	0.9203
60.1	0.9250	0.8777	0.0502	0.7678	0.9258	0.9820	0.8100	0.8711
60.2	0.9245	0.8772	0.0311	0.9130	0.9323	0.9843	0.8773	0.8562
60.3	0.9383	0.9021	0.1191	0.9177	0.9381	0.9800	0.8972	0.8861
60.4	0.9430	0.8796	0.2116	0.8886	0.9147	0.9739	0.8946	0.8805
60.5	0.9386	0.8077	0.3990	0.8759	0.9213	0.9721	0.8822	0.8452
60.6	0.9503	0.8208	0.5085	0.9005	0.9056	0.9788	0.9099	0.8792
60.7	0.9378	0.7513	0.5325	0.8609	0.8443	0.9766	0.8811	0.8736
60.8	0.9301	0.7266	0.4948	0.8057	0.8244	0.9664	0.8761	0.8198
60.9	0.9295	0.6319	0.6324	0.8226	0.8191	0.9579	0.8405	0.7777
61.0	0.9385	0.6321	0.6396	0.7931	0.8134	0.9669	0.8153	0.7104
61.1	0.9336	0.6530	0.6101	0.8196	0.8504	0.9667	0.8160	0.6858
61.2	0.9411	0.6337	0.6467	0.8109	0.8324	0.9644	0.8296	0.7103
61.3	0.9493	0.6070	0.6312	0.8386	0.7796	0.9672	0.8611	0.7192
61.4	0.9330	0.5649	0.6198	0.7991	0.7440	0.9453	0.8565	0.6347
61.5	0.9521	0.5463	0.7683	0.8367	0.7911	0.9585	0.8318	0.6659
61.6	0.9520	0.5851	0.7369	0.8469	0.8247	0.9565	0.8503	0.6916
61.7	0.9316	0.4750	0.6414	0.8087	0.7396	0.9386	0.7763	0.5918
61.8	0.9432	0.6065	0.6203	0.8302	0.6928	0.9547	0.7747	0.4779
61.9	0.9574	0.6083	0.6847	0.8232	0.6959	0.9531	0.8197	0.5504
62.0	0.9509	0.4667	0.6370	0.7971	0.7378	0.9534	0.8159	0.6231
62.1	0.9276	0.2682	0.6059	0.8169	0.7011	0.9383	0.7945	0.6026
62.2	0.9419	0.1980	0.6562	0.7753	0.6982	0.9415	0.8262	0.5459
62.3	0.9530	0.1805	0.6628	0.7954	0.7214	0.9553	0.8392	0.5893
62.4	0.9608	0.2141	0.7387	0.8168	0.6592	0.9519	0.8606	0.4854
62.5	0.9656	0.1700	0.7585	0.8649	0.6548	0.9444	0.8768	0.5530
62.6	0.9716	0.1940	0.7940	0.8737	0.6408	0.9529	0.8927	0.6089
62.7	0.9671	0.1207	0.8092	0.8379	0.6854	0.9601	0.9137	0.5455
62.8	0.9763	0.1514	0.8731	0.8686	0.7761	0.9660	0.9299	0.7184
62.9	0.9748	0.2731	0.8685	0.8368	0.7322	0.9587	0.9064	0.7677
63.0	0.9777	0.2346	0.8881	0.8310	0.7423	0.9532	0.8895	0.6564
63.1	0.9767	0.2359	0.8920	0.8824	0.7702	0.9589	0.9015	0.6355
63.2	0.9707	0.3318	0.8890	0.8988	0.7295	0.9520	0.9103	0.6741
63.3	0.9665	0.4018	0.9081	0.8835	0.6208	0.9412	0.9082	0.6189
63.4	0.9775	0.5637	0.9385	0.8659	0.7474	0.9519	0.9262	0.6447
63.5	0.9830	0.6880	0.9470	0.9020	0.7489	0.9683	0.9422	0.7509
63.6	0.9830	0.7209	0.9579	0.9165	0.6978	0.9650	0.9617	0.7298
63.7	0.9846	0.7515	0.9721	0.9114	0.6039	0.9640	0.9510	0.7606
63.8	0.9865	0.8005	0.9752	0.9157	0.6498	0.9644	0.9515	0.7565
63.9	0.9848	0.7884	0.9757	0.9011	0.7065	0.9635	0.9645	0.6793
64.0	0.9792	0.7283	0.9697	0.8796	0.6204	0.9562	0.9406	0.6460
64.1	0.9814	0.7700	0.9697	0.8534	0.6421	0.9597	0.9413	0.6987
64.2	0.9811	0.7133	0.9709	0.7854	0.6684	0.9583	0.9376	0.6409
64.3	0.9843	0.7172	0.9739	0.8232	0.6783	0.9526	0.9354	0.5561
64.4	0.9848	0.7900	0.9743	0.8147	0.7186	0.9423	0.9491	0.6292
64.5	0.9853	0.7952	0.9762	0.8492	0.6663	0.9500	0.9281	0.7667
64.6	0.9878	0.8407	0.9792	0.8881	0.7128	0.9568	0.9318	0.7449
64.7	0.9881	0.8207	0.9778	0.8480	0.5638	0.9534	0.9144	0.6952
64.8	0.9887	0.8131	0.9825	0.8503	0.5831	0.9569	0.9254	0.7333
64.9	0.9884	0.7715	0.9810	0.8499	0.5825	0.9461	0.9167	0.6379
65.0	0.9898	0.7575	0.9776	0.8273	0.5540	0.9476	0.9038	0.6396
65.1	0.9884	0.7810	0.9775	0.7965	0.5575	0.9476	0.9201	0.6841
65.2	0.9854	0.7384	0.9752	0.7690	0.4649	0.9310	0.9022	0.7242
65.3	0.9880	0.7905	0.9753	0.8355	0.4970	0.9308	0.8903	0.7410
65.4	0.9889	0.8130	0.9732	0.8653	0.5140	0.9419	0.8958	0.7062
65.5	0.9911	0.7781	0.9813	0.8734	0.5723	0.9518	0.9049	0.7514
65.6	0.9921	0.8313	0.9875	0.9236	0.6264	0.9557	0.9151	0.7835
65.7	0.9907	0.7987	0.9812	0.9191	0.5259	0.9421	0.9008	0.8007
65.8	0.9891	0.7581	0.9722	0.9038	0.3841	0.9188	0.8662	0.8096
65.9	0.9880	0.7774	0.9686	0.9130	0.3902	0.8922	0.8452	0.7458
66.0	0.9914	0.7002	0.9641	0.9264	0.5599	0.9040	0.8215	0.7337
66.1	0.9911	0.7448	0.9663	0.9219	0.4933	0.9070	0.8131	0.7060
66.2	0.9888	0.7439	0.9597	0.9299	0.2910	0.9136	0.8050	0.7163
66.3	0.9909	0.6993	0.9733	0.9502	0.3717	0.9266	0.7981	0.7962
66.4	0.9879	0.5759	0.9600	0.9466	0.3647	0.8776	0.7716	0.7322
66.5	0.9877	0.6791	0.9333	0.9400	0.3082	0.8390	0.6919	0.6272
66.6	0.9929	0.7122	0.9508	0.9538	0.3085	0.8880	0.6604	0.6735
66.7	0.9931	0.7166	0.9584	0.9716	0.5063	0.9149	0.8020	0.7674
66.8	0.9904	0.6895	0.9654	0.9706	0.4753	0.8805	0.7872	0.6968
66.9	0.9874	0.5228	0.9181	0.9487	0.3723	0.7611	0.6112	0.5165
67.0	0.9874	0.5665	0.9180	0.9536	0.2466	0.7504	0.6007	0.5952
67.1	0.9898	0.6189	0.9416	0.9578	0.2894	0.7982	0.6142	0.6638
67.2	0.9902	0.5828	0.9415	0.9706	0.3414	0.8157	0.6390	0.6651
67.3	0.9881	0.5454	0.9195	0.9683	0.4392	0.7742	0.6256	0.6180
67.4	0.9913	0.6317	0.9259	0.9718	0.5158	0.7576	0.5500	0.6113
67.5	0.9887	0.5719	0.9388	0.9727	0.3789	0.7179	0.5253	0.5550
67.6	0.9854	0.6300	0.9400	0.9679	0.3619	0.6525	0.4645	0.5806
67.7	0.9823	0.7512	0.9398	0.9734	0.3739	0.5025	0.5883	0.5912
67.8	0.9876	0.8256	0.9476	0.9728	0.3256	0.3664	0.6908	0.5876
67.9	0.9897	0.8079	0.9506	0.9693	0.3178	0.3523	0.5561	0.6084
68.0	0.9883	0.8290	0.9529	0.9761	0.4061	0.1975	0.4559	0.6147
68.1	0.9860	0.8112	0.9440	0.9711	0.3840	0.2276	0.4724	0.5200

68.2	0.9871	0.7937	0.9493	0.9607	0.4134	0.0381	0.4280	0.5176
68.3	0.9862	0.8363	0.9567	0.9718	0.4877	0.0982	0.4439	0.4617
68.4	0.9843	0.8795	0.9600	0.9728	0.6088	0.2107	0.4914	0.5282
68.5	0.9784	0.8641	0.9534	0.9655	0.4290	0.2850	0.5557	0.5723
68.6	0.9786	0.8717	0.9570	0.9562	0.3892	0.4122	0.6174	0.4537
68.7	0.9861	0.8865	0.9727	0.9714	0.3818	0.6168	0.6791	0.5733
68.8	0.9812	0.8516	0.9654	0.9581	0.4105	0.5867	0.6672	0.5694
68.9	0.9828	0.8938	0.9737	0.9566	0.3662	0.6654	0.6589	0.4448
69.0	0.9845	0.9200	0.9790	0.9646	0.3093	0.8048	0.7409	0.4988
69.1	0.9768	0.8987	0.9719	0.9542	0.2187	0.7888	0.7404	0.5348
69.2	0.9672	0.8760	0.9704	0.9514	0.1985	0.7912	0.7501	0.5542
69.3	0.9694	0.9001	0.9766	0.9627	0.1230	0.8412	0.7638	0.6077
69.4	0.9634	0.8861	0.9700	0.9520	0.1412	0.8316	0.7203	0.5568
69.5	0.9498	0.8576	0.9645	0.9362	0.2237	0.7974	0.6759	0.5050
69.6	0.9456	0.8894	0.9731	0.9367	0.3256	0.8381	0.7338	0.5732
69.7	0.9521	0.8960	0.9765	0.9469	0.2203	0.8581	0.7880	0.5663
69.8	0.9343	0.8804	0.9663	0.9246	0.1134	0.8235	0.7309	0.6244
69.9	0.9250	0.8982	0.9673	0.9188	0.0539	0.8444	0.7604	0.6529
70.0	0.9222	0.8876	0.9723	0.9130	0.1806	0.8885	0.7852	0.6509
70.1	0.9198	0.8775	0.9737	0.8943	0.0683	0.8865	0.8124	0.6997
70.2	0.8898	0.8529	0.9680	0.8892	0.1057	0.8723	0.7939	0.6867
70.3	0.8404	0.8468	0.9545	0.8538	0.1994	0.8296	0.7717	0.7159
70.4	0.7800	0.8356	0.9476	0.8344	0.0626	0.8354	0.7677	0.7196
70.5	0.7769	0.7860	0.9564	0.8514	0.1956	0.8615	0.7900	0.6898
70.6	0.7606	0.7155	0.9603	0.8532	0.2608	0.9006	0.8099	0.7490
70.7	0.7232	0.6473	0.9534	0.8088	0.2074	0.8770	0.7461	0.6618
70.8	0.7405	0.6008	0.9554	0.8449	0.2731	0.8624	0.6928	0.6280
70.9	0.6868	0.5587	0.9591	0.8335	0.1689	0.8520	0.7021	0.6280
71.0	0.5936	0.5014	0.9467	0.7841	0.2553	0.8251	0.7091	0.6220
71.1	0.4836	0.4026	0.9429	0.7384	0.3287	0.8331	0.6496	0.6212
71.2	0.4507	0.3887	0.9587	0.7825	0.4152	0.8850	0.7040	0.6678
71.3	0.4173	0.2222	0.9628	0.8145	0.4332	0.8972	0.6820	0.5750
71.4	0.3662	0.0877	0.9472	0.7858	0.4396	0.8476	0.6227	0.5682
71.5	0.3618	0.0434	0.9328	0.7474	0.3910	0.7855	0.5875	0.5931
71.6	0.3243	0.0178	0.9369	0.7702	0.4731	0.7828	0.5835	0.6374
71.7	0.1444	0.0046	0.9250	0.6721	0.4749	0.7843	0.5459	0.6379
71.8	0.2136	0.0626	0.9352	0.7139	0.4023	0.7942	0.6007	0.5702
71.9	0.1725	0.1630	0.9279	0.6762	0.4305	0.7669	0.5687	0.5221
72.0	0.1120	0.1782	0.9180	0.5709	0.4691	0.7536	0.4632	0.4432
72.1	0.0916	0.1775	0.9215	0.5792	0.4998	0.8000	0.5041	0.4580
72.2	0.1650	0.2839	0.8848	0.5484	0.4730	0.6741	0.4874	0.5540
72.3	0.0726	0.2282	0.8883	0.5770	0.3503	0.6750	0.4814	0.3628
72.4	0.0594	0.2621	0.9007	0.5371	0.3706	0.7202	0.4926	0.3864
72.5	0.0919	0.3207	0.9015	0.5193	0.3886	0.7331	0.4817	0.4964
72.6	0.0359	0.4013	0.9132	0.5945	0.4398	0.7408	0.3897	0.4150
72.7	0.0871	0.4326	0.8781	0.5433	0.3581	0.6519	0.3418	0.4977
72.8	0.2353	0.4960	0.8841	0.5932	0.3876	0.6549	0.4639	0.6078
72.9	0.2361	0.6063	0.8584	0.4318	0.5615	0.5780	0.5447	0.6144
73.0	0.1924	0.5912	0.8504	0.3785	0.4358	0.5900	0.4263	0.6023
73.1	0.1422	0.6600	0.8797	0.4541	0.5134	0.7030	0.4116	0.5397
73.2	0.1732	0.6680	0.8984	0.4664	0.5089	0.7442	0.4933	0.4936
73.3	0.1971	0.6613	0.9093	0.4594	0.4463	0.7475	0.4938	0.5012
73.4	0.2553	0.6255	0.8800	0.3064	0.3621	0.6669	0.5241	0.5648
73.5	0.2878	0.6926	0.9076	0.3830	0.3986	0.7463	0.6451	0.6572
73.6	0.3760	0.6676	0.8903	0.2436	0.3754	0.7208	0.6184	0.6832
73.7	0.3826	0.6322	0.8337	0.1265	0.4461	0.6128	0.4214	0.6341
73.8	0.3000	0.7140	0.8552	0.2119	0.4897	0.6640	0.3675	0.5817
73.9	0.3707	0.7102	0.8782	0.1858	0.5403	0.7085	0.4468	0.6383
74.0	0.4155	0.7467	0.8982	0.2253	0.4678	0.7623	0.4719	0.6912
74.1	0.3116	0.7394	0.9200	0.2346	0.4742	0.7873	0.4926	0.6623
74.2	0.4096	0.7829	0.9329	0.1710	0.5035	0.7979	0.5734	0.6912
74.3	0.4559	0.8085	0.9325	0.1323	0.4961	0.8328	0.6329	0.7487
74.4	0.5127	0.8207	0.9185	0.1052	0.5698	0.8269	0.6626	0.6855
74.5	0.5435	0.8446	0.8999	0.0560	0.5883	0.7914	0.5257	0.7115
74.6	0.6905	0.8798	0.9180	0.0963	0.6466	0.8430	0.5755	0.8269
74.7	0.6856	0.9001	0.9617	0.1077	0.6489	0.9117	0.7233	0.8686
74.8	0.6969	0.8863	0.9591	0.0878	0.6089	0.8889	0.7305	0.8150
74.9	0.6869	0.8522	0.9356	0.0787	0.6011	0.8654	0.6610	0.7998
75.0	0.7520	0.8967	0.9280	0.1559	0.6994	0.8754	0.6229	0.8539
75.1	0.7970	0.9266	0.9363	0.2036	0.7448	0.8959	0.6961	0.8684
75.2	0.8032	0.9180	0.9261	0.1643	0.7281	0.8736	0.6963	0.8404
75.3	0.8057	0.9364	0.9359	0.2906	0.7333	0.8835	0.6249	0.8547
75.4	0.7531	0.9223	0.9298	0.4106	0.7128	0.8945	0.5848	0.8238
75.5	0.8038	0.9351	0.9427	0.4834	0.7668	0.9077	0.7041	0.8699
75.6	0.8356	0.9363	0.9473	0.5806	0.7838	0.9229	0.7174	0.8818
75.7	0.8750	0.9472	0.9464	0.7028	0.7615	0.9382	0.7225	0.8777
75.8	0.9076	0.9491	0.9355	0.6814	0.7850	0.9197	0.7127	0.8599
75.9	0.9112	0.9477	0.9214	0.7563	0.7730	0.9318	0.7020	0.8608
76.0	0.8943	0.9589	0.9140	0.7691	0.7977	0.9316	0.6889	0.8711
76.1	0.8701	0.9554	0.8987	0.8003	0.7351	0.9303	0.6104	0.8680
76.2	0.8073	0.9037	0.8275	0.7418	0.6066	0.9042	0.5729	0.8397
76.3	0.8987	0.9384	0.8383	0.8009	0.7031	0.9311	0.6266	0.8655
76.4	0.9054	0.9518	0.8227	0.8025	0.7311	0.9350	0.5164	0.8528
76.5	0.8881	0.9533	0.8057	0.8108	0.6743	0.9406	0.5440	0.8526
76.6	0.8918	0.9556	0.7760	0.8688	0.6408	0.9559	0.5337	0.8630
76.7	0.8474	0.9478	0.7454	0.8724	0.7100	0.9486	0.5511	0.8220

76.8	0.8596	0.9602	0.7657	0.8441	0.7881	0.9574	0.6326	0.8325
76.9	0.8844	0.9509	0.7430	0.8163	0.7411	0.9457	0.6190	0.8463
77.0	0.8642	0.9385	0.6633	0.8462	0.7116	0.9418	0.5508	0.8557
77.1	0.8376	0.9410	0.5027	0.8518	0.6999	0.9478	0.5146	0.8288
77.2	0.8306	0.9325	0.4189	0.8369	0.7015	0.9397	0.4937	0.8331
77.3	0.8581	0.9592	0.2879	0.8889	0.8144	0.9653	0.6139	0.8449
77.4	0.9075	0.9654	0.1866	0.9242	0.7754	0.9664	0.6564	0.8880
77.5	0.8916	0.9580	0.1849	0.8851	0.6985	0.9528	0.6550	0.8743
77.6	0.8749	0.9512	0.2677	0.8896	0.7160	0.9540	0.7204	0.8775
77.7	0.8557	0.9427	0.2372	0.8698	0.6876	0.9502	0.6654	0.8809
77.8	0.8659	0.9409	0.2730	0.8853	0.7273	0.9521	0.6578	0.8489
77.9	0.8183	0.9285	0.2831	0.8691	0.6584	0.9419	0.6496	0.7683
78.0	0.8502	0.9365	0.1354	0.9110	0.6749	0.9570	0.6653	0.8343
78.1	0.9053	0.9501	0.2518	0.9225	0.7649	0.9620	0.7381	0.8756
78.2	0.8926	0.9441	0.3849	0.8889	0.7745	0.9509	0.7239	0.8536
78.3	0.8611	0.9373	0.3877	0.9016	0.7357	0.9547	0.6537	0.8029
78.4	0.9056	0.9504	0.3223	0.8956	0.7317	0.9576	0.7116	0.8159
78.5	0.9400	0.9630	0.3162	0.8925	0.6916	0.9613	0.7447	0.8154
78.6	0.9385	0.9608	0.4900	0.8944	0.7107	0.9594	0.7201	0.8466
78.7	0.9313	0.9643	0.6417	0.9297	0.7756	0.9676	0.7370	0.8284
78.8	0.9430	0.9672	0.7187	0.9299	0.8069	0.9724	0.7632	0.8469
78.9	0.9429	0.9585	0.7432	0.9113	0.7031	0.9640	0.6658	0.8498
79.0	0.9257	0.9515	0.6651	0.8839	0.6387	0.9565	0.5601	0.7974
79.1	0.9483	0.9595	0.6331	0.8841	0.7058	0.9499	0.6098	0.7700
79.2	0.9592	0.9686	0.7028	0.8987	0.7708	0.9637	0.6604	0.8800
79.3	0.9503	0.9576	0.6070	0.8654	0.7098	0.9594	0.6870	0.8648
79.4	0.9373	0.9544	0.6653	0.8325	0.7674	0.9538	0.6347	0.7884
79.5	0.9591	0.9695	0.7529	0.8454	0.7625	0.9672	0.7332	0.8243
79.6	0.9667	0.9731	0.7506	0.8410	0.7821	0.9653	0.7506	0.7998
79.7	0.9726	0.9757	0.7979	0.8217	0.8284	0.9716	0.7637	0.8476
79.8	0.9658	0.9699	0.7779	0.8099	0.7846	0.9702	0.7569	0.8518
79.9	0.9677	0.9701	0.7249	0.8162	0.7438	0.9730	0.8019	0.8178
80.0	0.9635	0.9698	0.7138	0.7778	0.7821	0.9711	0.7976	0.7738

2.2.24 Run 2 – IP270-200 – Accels 41–47

In-plane shaking at 270° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9413	0.9093	0.7867	0.9296	0.8671	0.0314	0.4569
0.1	0.7652	0.6998	0.4825	0.7239	0.5977	0.0079	0.2906
0.2	0.0261	0.0032	0.0027	0.0019	0.0114	0.0669	0.0151
0.3	0.0006	0.0013	0.0006	0.0203	0.0130	0.0132	0.0143
0.4	0.0035	0.0226	0.0182	0.0137	0.0223	0.0063	0.0365
0.5	0.0059	0.0007	0.0019	0.0932	0.0280	0.0049	0.0033
0.6	0.0160	0.0502	0.0011	0.0257	0.0483	0.0567	0.0164
0.7	0.0097	0.1443	0.0021	0.0065	0.1222	0.0903	0.0177
0.8	0.0124	0.4152	0.0136	0.0115	0.4953	0.0070	0.2051
0.9	0.0035	0.6541	0.0054	0.0205	0.6661	0.0004	0.4454
1.0	0.0478	0.6025	0.0072	0.0679	0.6041	0.0511	0.5105
1.1	0.1058	0.6192	0.0392	0.0624	0.6275	0.0382	0.6806
1.2	0.3564	0.7255	0.0945	0.0084	0.7369	0.0004	0.8242
1.3	0.4688	0.7844	0.2102	0.2371	0.7963	0.0236	0.9184
1.4	0.4983	0.4049	0.6855	0.3073	0.4598	0.0635	0.9041
1.5	0.7379	0.5140	0.8258	0.5849	0.5646	0.1154	0.9349
1.6	0.8061	0.8024	0.8430	0.6886	0.8160	0.0583	0.9217
1.7	0.7551	0.7338	0.5861	0.5632	0.7362	0.0611	0.7633
1.8	0.9004	0.7209	0.6593	0.5075	0.7225	0.0134	0.7455
1.9	0.9642	0.8552	0.7326	0.6781	0.8566	0.0893	0.8764
2.0	0.9836	0.9333	0.8246	0.8587	0.9340	0.1187	0.9400
2.1	0.9464	0.9348	0.8159	0.8070	0.9361	0.1893	0.9462
2.2	0.7300	0.9639	0.6031	0.6230	0.9647	0.5509	0.9718
2.3	0.4514	0.9749	0.3927	0.4015	0.9759	0.4638	0.9780
2.4	0.4586	0.9580	0.5098	0.4714	0.9588	0.5039	0.9635
2.5	0.7792	0.9446	0.8474	0.8103	0.9452	0.4409	0.9567
2.6	0.8974	0.9273	0.9185	0.9077	0.9287	0.2122	0.9411
2.7	0.9280	0.9234	0.9029	0.8674	0.9245	0.1148	0.9360
2.8	0.8758	0.9012	0.8162	0.7700	0.9034	0.1542	0.9172
2.9	0.8765	0.8543	0.7537	0.5995	0.8582	0.0549	0.8848
3.0	0.8197	0.8477	0.6748	0.4903	0.8494	0.0259	0.8692
3.1	0.7373	0.7797	0.6174	0.3005	0.7826	0.0041	0.8088
3.2	0.6402	0.7013	0.6205	0.2786	0.7060	0.0310	0.7307
3.3	0.6859	0.7224	0.5596	0.3345	0.7274	0.0590	0.7391
3.4	0.5822	0.6737	0.3107	0.1868	0.6783	0.0570	0.6682
3.5	0.5687	0.7213	0.2949	0.1153	0.7243	0.0076	0.7189
3.6	0.5233	0.7551	0.2222	0.1226	0.7596	0.0415	0.7666
3.7	0.3254	0.6773	0.1415	0.0849	0.6818	0.0197	0.6842
3.8	0.3148	0.6933	0.1397	0.0307	0.6968	0.0066	0.6765
3.9	0.3196	0.7184	0.2819	0.0884	0.7227	0.1348	0.6666
4.0	0.2266	0.7578	0.1768	0.0696	0.7616	0.1960	0.7178
4.1	0.2305	0.8303	0.1655	0.0685	0.8323	0.1867	0.8097
4.2	0.3299	0.8560	0.1888	0.1356	0.8579	0.1803	0.8142
4.3	0.1796	0.8354	0.2680	0.1323	0.8389	0.2798	0.7465
4.4	0.0965	0.8904	0.3819	0.1604	0.8924	0.2731	0.8278
4.5	0.0822	0.9262	0.4072	0.1081	0.9272	0.2926	0.8528
4.6	0.1555	0.9489	0.4943	0.1604	0.9500	0.3578	0.8872
4.7	0.2151	0.9583	0.5980	0.2491	0.9596	0.3982	0.8843
4.8	0.1566	0.9687	0.6585	0.3406	0.9684	0.3794	0.8703
4.9	0.1827	0.9682	0.7105	0.3561	0.9697	0.3750	0.8210
5.0	0.2514	0.9751	0.7898	0.3039	0.9764	0.4405	0.8736
5.1	0.2697	0.9751	0.7467	0.2413	0.9759	0.5540	0.8722
5.2	0.2275	0.9633	0.6893	0.0929	0.9631	0.5466	0.8319
5.3	0.1014	0.9592	0.6324	0.0929	0.9589	0.5584	0.8221
5.4	0.1543	0.9615	0.3580	0.1329	0.9617	0.6110	0.7946
5.5	0.0886	0.9529	0.3664	0.0524	0.9528	0.6597	0.7673
5.6	0.0096	0.9431	0.4288	0.0169	0.9422	0.6687	0.6865
5.7	0.0414	0.9235	0.3721	0.0403	0.9241	0.6424	0.6164
5.8	0.1009	0.9488	0.5622	0.0892	0.9496	0.6531	0.6892
5.9	0.1327	0.9258	0.4056	0.1450	0.9273	0.5757	0.6174
6.0	0.0149	0.8978	0.1626	0.0003	0.8971	0.6375	0.5225
6.1	0.0317	0.9195	0.0320	0.0528	0.9197	0.7724	0.5694
6.2	0.1209	0.9431	0.0096	0.1804	0.9429	0.7777	0.6065
6.3	0.1847	0.9384	0.0151	0.1572	0.9379	0.7989	0.4576
6.4	0.1649	0.9516	0.0053	0.1492	0.9527	0.7672	0.4740
6.5	0.2501	0.9641	0.0104	0.2587	0.9658	0.5086	0.5526
6.6	0.2846	0.9654	0.1169	0.3391	0.9661	0.7125	0.4652
6.7	0.3157	0.9689	0.4722	0.3051	0.9695	0.8576	0.4501
6.8	0.3354	0.9637	0.5316	0.2387	0.9648	0.8418	0.4120
6.9	0.3982	0.9793	0.5994	0.2596	0.9788	0.8337	0.2688
7.0	0.4515	0.9879	0.6473	0.4135	0.9871	0.8159	0.1092
7.1	0.4098	0.9862	0.5155	0.3720	0.9848	0.6345	0.0822
7.2	0.3495	0.9898	0.6225	0.2979	0.9886	0.6077	0.0712
7.3	0.3599	0.9932	0.7552	0.1343	0.9935	0.6573	0.0820
7.4	0.2604	0.9918	0.7398	0.0647	0.9924	0.5163	0.0188
7.5	0.3802	0.9908	0.7234	0.0703	0.9909	0.3854	0.0921
7.6	0.3325	0.9872	0.7855	0.0981	0.9872	0.3262	0.2268
7.7	0.2427	0.9798	0.7578	0.1418	0.9795	0.2672	0.2086
7.8	0.2526	0.9874	0.8088	0.0767	0.9882	0.1472	0.4153
7.9	0.2518	0.9916	0.7983	0.0833	0.9917	0.2305	0.5272

8.0	0.2208	0.9876	0.7306	0.0907	0.9876	0.2173	0.5281
8.1	0.4689	0.9914	0.8208	0.2042	0.9909	0.2951	0.6051
8.2	0.4813	0.9911	0.8965	0.3630	0.9906	0.4445	0.5855
8.3	0.3866	0.9894	0.9248	0.3719	0.9896	0.5680	0.6050
8.4	0.5108	0.9906	0.9375	0.3190	0.9908	0.5930	0.7169
8.5	0.6616	0.9939	0.9446	0.3523	0.9942	0.6846	0.7726
8.6	0.6431	0.9934	0.9313	0.2256	0.9931	0.7298	0.7394
8.7	0.6369	0.9940	0.9463	0.2570	0.9937	0.8013	0.8278
8.8	0.6786	0.9934	0.9480	0.4471	0.9932	0.8439	0.8580
8.9	0.7771	0.9934	0.9154	0.4832	0.9930	0.7897	0.8640
9.0	0.7921	0.9935	0.8650	0.5422	0.9937	0.7587	0.8982
9.1	0.7772	0.9947	0.9027	0.5487	0.9947	0.8208	0.9088
9.2	0.8038	0.9946	0.9432	0.5373	0.9942	0.8752	0.9013
9.3	0.8563	0.9933	0.9525	0.5497	0.9926	0.8810	0.9118
9.4	0.8598	0.9941	0.9631	0.4564	0.9935	0.8889	0.9250
9.5	0.8041	0.9943	0.9753	0.1017	0.9945	0.8529	0.9331
9.6	0.8179	0.9949	0.9904	0.1006	0.9948	0.8268	0.9480
9.7	0.8539	0.9952	0.9924	0.3230	0.9953	0.8212	0.9473
9.8	0.8977	0.9975	0.9944	0.5167	0.9972	0.8495	0.9637
9.9	0.8559	0.9963	0.9940	0.3871	0.9960	0.8118	0.9681
10.0	0.7507	0.9953	0.9896	0.3364	0.9941	0.7945	0.9594
10.1	0.8807	0.9977	0.9935	0.6260	0.9973	0.8879	0.9689
10.2	0.9253	0.9979	0.9964	0.7733	0.9980	0.9170	0.9658
10.3	0.9180	0.9969	0.9952	0.7684	0.9971	0.8824	0.9665
10.4	0.9352	0.9966	0.9955	0.8041	0.9964	0.9123	0.9656
10.5	0.9340	0.9963	0.9962	0.7483	0.9964	0.9335	0.9753
10.6	0.9504	0.9969	0.9965	0.7590	0.9972	0.9399	0.9773
10.7	0.9567	0.9965	0.9965	0.8090	0.9966	0.9502	0.9805
10.8	0.9529	0.9969	0.9961	0.8026	0.9968	0.9563	0.9838
10.9	0.9309	0.9956	0.9943	0.7875	0.9953	0.9466	0.9725
11.0	0.9075	0.9938	0.9915	0.7065	0.9935	0.9314	0.9656
11.1	0.9409	0.9964	0.9943	0.7505	0.9964	0.9422	0.9794
11.2	0.9564	0.9972	0.9953	0.8164	0.9972	0.9558	0.9846
11.3	0.9565	0.9975	0.9955	0.7970	0.9977	0.9644	0.9846
11.4	0.9467	0.9964	0.9935	0.8111	0.9963	0.9610	0.9819
11.5	0.9555	0.9968	0.9944	0.7830	0.9970	0.9622	0.9894
11.6	0.9599	0.9972	0.9945	0.7556	0.9974	0.9652	0.9900
11.7	0.9609	0.9973	0.9943	0.7972	0.9973	0.9686	0.9900
11.8	0.9644	0.9959	0.9933	0.7639	0.9960	0.9706	0.9860
11.9	0.9557	0.9937	0.9892	0.7249	0.9938	0.9654	0.9840
12.0	0.9767	0.9957	0.9916	0.7826	0.9956	0.9709	0.9880
12.1	0.9709	0.9935	0.9915	0.8137	0.9939	0.9728	0.9873
12.2	0.9740	0.9935	0.9902	0.8207	0.9938	0.9790	0.9888
12.3	0.9742	0.9912	0.9888	0.8447	0.9914	0.9811	0.9880
12.4	0.9656	0.9857	0.9810	0.8677	0.9861	0.9857	0.9797
12.5	0.9639	0.9838	0.9787	0.9024	0.9843	0.9795	0.9801
12.6	0.9704	0.9853	0.9795	0.9189	0.9856	0.9797	0.9809
12.7	0.9619	0.9803	0.9733	0.8836	0.9812	0.9767	0.9746
12.8	0.9521	0.9740	0.9674	0.8865	0.9750	0.9714	0.9686
12.9	0.9583	0.9736	0.9611	0.8782	0.9741	0.9674	0.9665
13.0	0.9724	0.9776	0.9672	0.9172	0.9773	0.9718	0.9737
13.1	0.9666	0.9570	0.9363	0.8651	0.9553	0.9470	0.9474
13.2	0.9611	0.9389	0.9245	0.8779	0.9377	0.9281	0.9326
13.3	0.9592	0.9237	0.9150	0.8830	0.9227	0.8988	0.9164
13.4	0.9688	0.9050	0.9112	0.8970	0.9028	0.8440	0.9107
13.5	0.9923	0.9639	0.9672	0.9631	0.9632	0.8982	0.9644
13.6	0.9938	0.9671	0.9731	0.9730	0.9664	0.8853	0.9687
13.7	0.9967	0.9759	0.9839	0.9858	0.9749	0.8953	0.9782
13.8	0.9969	0.9835	0.9901	0.9908	0.9831	0.9380	0.9853
13.9	0.9959	0.9809	0.9910	0.9910	0.9801	0.9374	0.9842
14.0	0.9936	0.9779	0.9922	0.9892	0.9764	0.9463	0.9839
14.1	0.9871	0.9751	0.9926	0.9833	0.9738	0.9474	0.9819
14.2	0.9873	0.9841	0.9959	0.9851	0.9834	0.9679	0.9872
14.3	0.9818	0.9856	0.9938	0.9784	0.9848	0.9602	0.9887
14.4	0.9538	0.9779	0.9830	0.9480	0.9762	0.9346	0.9812
14.5	0.9360	0.9843	0.9704	0.9310	0.9821	0.9393	0.9842
14.6	0.9237	0.9870	0.9508	0.9168	0.9857	0.9345	0.9867
14.7	0.9155	0.9866	0.9439	0.9104	0.9845	0.9418	0.9869
14.8	0.9415	0.9876	0.9679	0.9366	0.9861	0.9648	0.9874
14.9	0.9580	0.9853	0.9706	0.9556	0.9851	0.9779	0.9875
15.0	0.9807	0.9864	0.9709	0.9812	0.9867	0.9879	0.9900
15.1	0.9755	0.9846	0.9589	0.9731	0.9856	0.9843	0.9897
15.2	0.9726	0.9849	0.9479	0.9714	0.9861	0.9852	0.9885
15.3	0.9804	0.9835	0.9503	0.9781	0.9847	0.9888	0.9876
15.4	0.9812	0.9781	0.9391	0.9828	0.9785	0.9901	0.9879
15.5	0.9810	0.9855	0.9334	0.9830	0.9857	0.9898	0.9906
15.6	0.9798	0.9835	0.9302	0.9835	0.9832	0.9883	0.9884
15.7	0.9751	0.9723	0.8905	0.9770	0.9728	0.9867	0.9831
15.8	0.9668	0.9472	0.8320	0.9613	0.9485	0.9852	0.9782
15.9	0.9568	0.9510	0.8420	0.9628	0.9532	0.9777	0.9803
16.0	0.9501	0.9465	0.8335	0.9551	0.9492	0.9812	0.9726
16.1	0.9412	0.9455	0.8763	0.9463	0.9481	0.9856	0.9731
16.2	0.9406	0.9367	0.8752	0.9496	0.9395	0.9822	0.9703
16.3	0.9446	0.9361	0.8749	0.9469	0.9399	0.9782	0.9702
16.4	0.9419	0.9075	0.8175	0.9410	0.9118	0.9707	0.9502
16.5	0.9484	0.8970	0.7795	0.9559	0.8998	0.9692	0.9446

16.6	0.9583	0.8711	0.7555	0.9715	0.8748	0.9725	0.9413
16.7	0.9497	0.7976	0.6680	0.9663	0.8018	0.9619	0.9018
16.8	0.9511	0.6885	0.5324	0.9670	0.6938	0.9478	0.8604
16.9	0.9540	0.6015	0.5518	0.9641	0.6234	0.9433	0.8513
17.0	0.9471	0.5175	0.5093	0.9539	0.5349	0.9369	0.8151
17.1	0.9452	0.3971	0.3833	0.9521	0.4097	0.9270	0.7597
17.2	0.9333	0.2603	0.2181	0.9410	0.2825	0.9344	0.7079
17.3	0.9011	0.1145	0.1686	0.9185	0.1094	0.9156	0.5707
17.4	0.9218	0.1222	0.2812	0.9397	0.1160	0.9175	0.5332
17.5	0.9343	0.1852	0.3750	0.9478	0.1485	0.9242	0.4070
17.6	0.9247	0.3140	0.4024	0.9466	0.2757	0.8620	0.1203
17.7	0.9127	0.4346	0.3546	0.9233	0.4212	0.8282	0.2096
17.8	0.9078	0.3986	0.3555	0.9265	0.3851	0.8177	0.1159
17.9	0.8889	0.5180	0.3242	0.9124	0.5047	0.8075	0.1867
18.0	0.8808	0.6535	0.4325	0.8973	0.6509	0.8161	0.3426
18.1	0.8890	0.6720	0.5738	0.9101	0.6645	0.8198	0.3705
18.2	0.8912	0.7143	0.6499	0.9065	0.7101	0.8025	0.4451
18.3	0.8756	0.7247	0.6536	0.8941	0.7226	0.7708	0.5172
18.4	0.8221	0.6345	0.5886	0.8620	0.6339	0.7591	0.4349
18.5	0.8165	0.6899	0.6091	0.8584	0.6855	0.8119	0.5542
18.6	0.8504	0.7354	0.6852	0.8845	0.7325	0.8231	0.6303
18.7	0.8433	0.6827	0.6598	0.8742	0.6797	0.6997	0.5871
18.8	0.7944	0.6600	0.6159	0.8322	0.6571	0.6380	0.5490
18.9	0.7930	0.6740	0.6277	0.8163	0.6634	0.6950	0.5777
19.0	0.7658	0.6807	0.6488	0.7905	0.6755	0.7280	0.6138
19.1	0.7233	0.6453	0.6292	0.7562	0.6441	0.6604	0.5887
19.2	0.5893	0.5132	0.4774	0.6341	0.5100	0.5034	0.4492
19.3	0.6495	0.5885	0.5552	0.6799	0.5866	0.5927	0.5432
19.4	0.6028	0.5484	0.5325	0.6423	0.5474	0.5668	0.5282
19.5	0.6320	0.6013	0.5919	0.6505	0.5999	0.6176	0.5903
19.6	0.6175	0.5867	0.5820	0.6276	0.5852	0.5858	0.5798
19.7	0.4835	0.4785	0.4668	0.4918	0.4760	0.4996	0.4814
19.8	0.5050	0.5142	0.5065	0.5013	0.5123	0.5507	0.5262
19.9	0.5628	0.5726	0.5615	0.5553	0.5715	0.6131	0.5851
20.0	0.5687	0.5895	0.5894	0.5635	0.5886	0.6616	0.6187
20.1	0.6239	0.6493	0.6421	0.6179	0.6489	0.7231	0.6740
20.2	0.6769	0.6966	0.6972	0.6649	0.6969	0.7644	0.7217
20.3	0.6327	0.6540	0.6651	0.6131	0.6539	0.7600	0.6905
20.4	0.6958	0.7179	0.7303	0.6744	0.7162	0.8130	0.7558
20.5	0.7417	0.7650	0.7718	0.7121	0.7637	0.8352	0.7992
20.6	0.7704	0.7884	0.8028	0.7395	0.7872	0.8569	0.8224
20.7	0.7658	0.7824	0.8013	0.7345	0.7819	0.8558	0.8204
20.8	0.8408	0.8576	0.8741	0.8087	0.8574	0.9070	0.8870
20.9	0.8675	0.8884	0.8967	0.8348	0.8870	0.9263	0.9098
21.0	0.7988	0.8206	0.8517	0.7478	0.8188	0.8904	0.8648
21.1	0.7929	0.7954	0.8456	0.7340	0.7939	0.8886	0.8624
21.2	0.7984	0.7939	0.8519	0.7316	0.7912	0.8847	0.8712
21.3	0.8020	0.8250	0.8553	0.7519	0.8229	0.8883	0.8781
21.4	0.8067	0.8266	0.8642	0.6935	0.8257	0.9030	0.8860
21.5	0.8648	0.8785	0.9088	0.7624	0.8758	0.9218	0.9216
21.6	0.8344	0.8280	0.8959	0.7152	0.8263	0.9174	0.9037
21.7	0.8707	0.8431	0.9227	0.7680	0.8421	0.9299	0.9223
21.8	0.8516	0.8080	0.9109	0.6941	0.8045	0.9257	0.9140
21.9	0.8179	0.7724	0.8992	0.6974	0.7690	0.9180	0.8983
22.0	0.8247	0.7201	0.9107	0.7097	0.7159	0.9227	0.8999
22.1	0.7522	0.6294	0.8705	0.5663	0.6266	0.8832	0.8587
22.2	0.7916	0.6747	0.8907	0.6202	0.6742	0.9164	0.8798
22.3	0.8140	0.6770	0.9123	0.6764	0.6736	0.9289	0.8943
22.4	0.7665	0.6648	0.8912	0.6326	0.6635	0.9176	0.8872
22.5	0.7405	0.6914	0.8779	0.6161	0.6925	0.9260	0.8909
22.6	0.7747	0.6754	0.9025	0.6339	0.6733	0.8888	0.8849
22.7	0.6836	0.5775	0.8677	0.5148	0.5777	0.8726	0.8339
22.8	0.6312	0.5822	0.8533	0.4814	0.5832	0.8778	0.8080
22.9	0.6893	0.5879	0.8816	0.5421	0.5849	0.8340	0.8144
23.0	0.6064	0.5513	0.8675	0.4732	0.5485	0.8417	0.8004
23.1	0.6167	0.6360	0.8873	0.5613	0.6352	0.8877	0.8361
23.2	0.6767	0.5701	0.9115	0.6101	0.5687	0.9092	0.8703
23.3	0.5412	0.4542	0.8909	0.4198	0.4602	0.8820	0.8150
23.4	0.5146	0.5764	0.9113	0.4980	0.5844	0.8985	0.8521
23.5	0.3900	0.6085	0.9028	0.4688	0.6080	0.8789	0.8810
23.6	0.3196	0.4068	0.8426	0.3888	0.4029	0.8522	0.8726
23.7	0.3511	0.4547	0.8458	0.3737	0.4719	0.8800	0.8791
23.8	0.2903	0.4100	0.8150	0.2730	0.4236	0.8696	0.8812
23.9	0.2814	0.4054	0.8478	0.2871	0.4292	0.8669	0.9188
24.0	0.2839	0.3504	0.8500	0.2968	0.3718	0.8288	0.8871
24.1	0.3368	0.3042	0.8551	0.3167	0.3136	0.8247	0.9021
24.2	0.3598	0.2258	0.8586	0.3408	0.2505	0.8448	0.9006
24.3	0.4053	0.1211	0.8340	0.2426	0.1406	0.8466	0.9089
24.4	0.4350	0.0480	0.8327	0.3040	0.0590	0.8292	0.8900
24.5	0.4858	0.0738	0.8646	0.4325	0.1023	0.8643	0.9122
24.6	0.6261	0.0591	0.8760	0.4425	0.0880	0.8749	0.9202
24.7	0.5917	0.1514	0.9023	0.3542	0.2183	0.8742	0.9248
24.8	0.4977	0.1775	0.8950	0.3197	0.2307	0.8761	0.9394
24.9	0.4236	0.1379	0.8356	0.1981	0.1535	0.8185	0.9025
25.0	0.3715	0.1868	0.7305	0.1270	0.1809	0.7749	0.8378
25.1	0.3448	0.2605	0.6924	0.1973	0.2364	0.7632	0.8254

25.2	0.4112	0.3208	0.7313	0.2422	0.3370	0.7734	0.8474
25.3	0.4506	0.2688	0.7254	0.2749	0.2625	0.7703	0.8445
25.4	0.3950	0.3907	0.6893	0.2386	0.3244	0.7085	0.8178
25.5	0.2333	0.4291	0.5864	0.0989	0.3611	0.6118	0.7681
25.6	0.2918	0.4517	0.6191	0.1778	0.4207	0.6477	0.7737
25.7	0.3095	0.4512	0.5602	0.3343	0.3961	0.5430	0.6818
25.8	0.4098	0.4548	0.6158	0.3420	0.3882	0.5789	0.7138
25.9	0.4390	0.5408	0.6300	0.3367	0.4825	0.5721	0.7523
26.0	0.4485	0.5471	0.5472	0.2571	0.4392	0.5243	0.7140
26.1	0.4348	0.4815	0.5367	0.2578	0.4032	0.5181	0.6856
26.2	0.3500	0.6241	0.4906	0.1727	0.5375	0.5320	0.6768
26.3	0.3034	0.4845	0.3525	0.1904	0.4450	0.3824	0.5341
26.4	0.3253	0.5465	0.2092	0.3166	0.5019	0.2049	0.4476
26.5	0.3716	0.6108	0.1890	0.4192	0.4921	0.1629	0.3968
26.6	0.4022	0.6381	0.1783	0.4539	0.5333	0.1426	0.3761
26.7	0.3653	0.5018	0.2542	0.3523	0.3602	0.1891	0.4404
26.8	0.3136	0.5843	0.1844	0.3181	0.4625	0.1197	0.4010
26.9	0.2310	0.6677	0.0946	0.3413	0.5557	0.0308	0.1750
27.0	0.2656	0.7475	0.1457	0.4343	0.6280	0.0714	0.1770
27.1	0.1631	0.6984	0.1658	0.2931	0.5951	0.0930	0.1950
27.2	0.1966	0.6999	0.1709	0.3089	0.6289	0.1340	0.1993
27.3	0.3415	0.6546	0.2658	0.4321	0.5194	0.1796	0.2928
27.4	0.2246	0.6232	0.2566	0.3472	0.5214	0.1852	0.2612
27.5	0.1907	0.5858	0.3524	0.2788	0.4901	0.3041	0.3712
27.6	0.2074	0.5591	0.4206	0.2196	0.4530	0.3983	0.4178
27.7	0.1597	0.5344	0.3953	0.2269	0.4399	0.3689	0.3812
27.8	0.2107	0.5392	0.4340	0.2844	0.4317	0.3988	0.4193
27.9	0.3093	0.6236	0.5308	0.2191	0.5576	0.4867	0.5336
28.0	0.4204	0.6864	0.6690	0.3091	0.5952	0.6242	0.6841
28.1	0.5239	0.7846	0.7725	0.4612	0.7032	0.7318	0.8045
28.2	0.6992	0.8416	0.8645	0.5696	0.7727	0.8264	0.8667
28.3	0.6455	0.8199	0.8941	0.5318	0.7554	0.8539	0.8800
28.4	0.4657	0.8258	0.8492	0.3120	0.7684	0.7918	0.8631
28.5	0.3677	0.8133	0.8398	0.3315	0.7666	0.8002	0.8614
28.6	0.4097	0.8091	0.8884	0.4839	0.7721	0.8713	0.8884
28.7	0.2360	0.7641	0.8884	0.3261	0.7119	0.8631	0.8424
28.8	0.2508	0.7724	0.8882	0.3673	0.7269	0.8459	0.8449
28.9	0.3147	0.8030	0.9257	0.5103	0.7552	0.8888	0.8947
29.0	0.2394	0.8566	0.9317	0.6081	0.7887	0.9045	0.8977
29.1	0.1382	0.8266	0.9247	0.5066	0.7355	0.9132	0.8915
29.2	0.0671	0.7565	0.8789	0.3725	0.7021	0.9001	0.8337
29.3	0.1150	0.8452	0.9025	0.5822	0.8119	0.9271	0.8466
29.4	0.1448	0.8166	0.8896	0.6241	0.7972	0.9193	0.8361
29.5	0.0214	0.8409	0.9061	0.6236	0.8098	0.9176	0.8709
29.6	0.0120	0.8728	0.9186	0.6960	0.8493	0.9400	0.8812
29.7	0.1733	0.8292	0.9144	0.6691	0.7811	0.9213	0.8706
29.8	0.1784	0.8599	0.8616	0.6716	0.8189	0.9180	0.8589
29.9	0.1487	0.8488	0.6582	0.5672	0.8187	0.8280	0.7755
30.0	0.1878	0.8799	0.7344	0.6368	0.8462	0.8596	0.7606
30.1	0.4102	0.9238	0.9037	0.8298	0.9026	0.9157	0.7905
30.2	0.4834	0.9120	0.8804	0.7977	0.8938	0.8886	0.7884
30.3	0.5129	0.8598	0.8309	0.7951	0.8504	0.8623	0.7593
30.4	0.5503	0.8858	0.8722	0.8288	0.8514	0.8685	0.7847
30.5	0.6851	0.9202	0.8981	0.8491	0.8888	0.9008	0.8165
30.6	0.7103	0.8949	0.8791	0.8480	0.8798	0.8942	0.8622
30.7	0.7371	0.9067	0.8930	0.8564	0.9143	0.8974	0.8966
30.8	0.7842	0.9215	0.9129	0.8887	0.9238	0.9296	0.9107
30.9	0.7789	0.9198	0.9151	0.8834	0.9191	0.9382	0.9102
31.0	0.7969	0.9189	0.9318	0.8973	0.9180	0.9437	0.9227
31.1	0.8203	0.9113	0.9343	0.9039	0.9125	0.9430	0.9136
31.2	0.8994	0.9243	0.9484	0.9222	0.9272	0.9594	0.9414
31.3	0.8861	0.8971	0.9368	0.9100	0.9041	0.9404	0.9453
31.4	0.8740	0.9090	0.9352	0.9273	0.9058	0.9398	0.9476
31.5	0.8852	0.9163	0.9462	0.9327	0.9100	0.9477	0.9409
31.6	0.9020	0.9247	0.9651	0.9397	0.9223	0.9650	0.9613
31.7	0.9288	0.9113	0.9508	0.9348	0.9210	0.9534	0.9614
31.8	0.9342	0.9189	0.9424	0.9563	0.9296	0.9520	0.9655
31.9	0.9157	0.9096	0.9427	0.9461	0.9143	0.9544	0.9618
32.0	0.9065	0.8947	0.9497	0.9319	0.8937	0.9590	0.9613
32.1	0.9125	0.8913	0.9498	0.9473	0.8951	0.9535	0.9671
32.2	0.9098	0.9136	0.9553	0.9524	0.9157	0.9583	0.9693
32.3	0.8848	0.8716	0.9447	0.9387	0.8829	0.9490	0.9595
32.4	0.8692	0.8385	0.9375	0.9334	0.8532	0.9455	0.9504
32.5	0.8673	0.8445	0.9383	0.9245	0.8603	0.9449	0.9504
32.6	0.9068	0.8958	0.9499	0.9449	0.8990	0.9550	0.9601
32.7	0.8750	0.8532	0.9472	0.9241	0.8556	0.9527	0.9573
32.8	0.8657	0.8352	0.9492	0.9356	0.8441	0.9510	0.9630
32.9	0.8387	0.8033	0.9367	0.9246	0.8085	0.9341	0.9547
33.0	0.7680	0.7164	0.9003	0.8772	0.7334	0.8989	0.9233
33.1	0.7826	0.7723	0.9245	0.8899	0.7758	0.9242	0.9389
33.2	0.7719	0.7755	0.9319	0.8957	0.7696	0.9320	0.9437
33.3	0.7873	0.7741	0.9552	0.9173	0.7665	0.9498	0.9672
33.4	0.7715	0.7818	0.9483	0.9326	0.7934	0.9398	0.9568
33.5	0.7540	0.8170	0.9551	0.9607	0.8200	0.9474	0.9581
33.6	0.6189	0.7940	0.9578	0.9562	0.7817	0.9529	0.9503
33.7	0.4962	0.7807	0.9509	0.9563	0.7872	0.9432	0.9488

33.8	0.4213	0.7792	0.9540	0.9609	0.7698	0.9509	0.9533
33.9	0.1784	0.7451	0.9435	0.9421	0.7162	0.9466	0.9494
34.0	0.0281	0.7651	0.9550	0.9508	0.7283	0.9549	0.9653
34.1	0.1613	0.8001	0.9508	0.9488	0.7807	0.9579	0.9652
34.2	0.3682	0.7692	0.9326	0.9231	0.7419	0.9443	0.9466
34.3	0.6330	0.8395	0.9390	0.9171	0.7948	0.9493	0.9424
34.4	0.7091	0.8523	0.9522	0.9308	0.8388	0.9587	0.9409
34.5	0.7339	0.8495	0.9535	0.9283	0.8403	0.9566	0.9486
34.6	0.8103	0.9000	0.9605	0.9345	0.8907	0.9566	0.9567
34.7	0.8454	0.9145	0.9623	0.9207	0.9100	0.9597	0.9613
34.8	0.8815	0.9069	0.9605	0.9152	0.9029	0.9651	0.9629
34.9	0.9315	0.9310	0.9766	0.9373	0.9283	0.9794	0.9770
35.0	0.9210	0.9243	0.9659	0.9188	0.9216	0.9669	0.9699
35.1	0.9174	0.9322	0.9672	0.8858	0.9351	0.9680	0.9643
35.2	0.9474	0.9596	0.9841	0.8932	0.9664	0.9825	0.9806
35.3	0.9505	0.9638	0.9862	0.9063	0.9672	0.9837	0.9862
35.4	0.9516	0.9635	0.9857	0.9170	0.9652	0.9837	0.9840
35.5	0.9604	0.9668	0.9894	0.9181	0.9702	0.9876	0.9887
35.6	0.9451	0.9603	0.9846	0.9003	0.9618	0.9814	0.9797
35.7	0.9371	0.9549	0.9863	0.8642	0.9588	0.9838	0.9768
35.8	0.9337	0.9497	0.9841	0.8529	0.9538	0.9795	0.9764
35.9	0.9484	0.9625	0.9875	0.8856	0.9658	0.9845	0.9810
36.0	0.9460	0.9551	0.9875	0.8776	0.9605	0.9846	0.9771
36.1	0.9453	0.9416	0.9854	0.8730	0.9504	0.9837	0.9817
36.2	0.9545	0.9568	0.9880	0.9148	0.9635	0.9869	0.9801
36.3	0.9532	0.9490	0.9857	0.8977	0.9548	0.9841	0.9790
36.4	0.9350	0.9452	0.9864	0.8804	0.9514	0.9830	0.9864
36.5	0.9542	0.9526	0.9922	0.9171	0.9549	0.9879	0.9884
36.6	0.9589	0.9540	0.9894	0.9009	0.9565	0.9880	0.9866
36.7	0.9455	0.9442	0.9886	0.8366	0.9484	0.9870	0.9865
36.8	0.9345	0.9254	0.9885	0.7489	0.9326	0.9858	0.9865
36.9	0.9250	0.9414	0.9891	0.7634	0.9473	0.9853	0.9870
37.0	0.8981	0.9340	0.9849	0.6735	0.9407	0.9811	0.9873
37.1	0.9273	0.9332	0.9865	0.6682	0.9429	0.9843	0.9866
37.2	0.9171	0.9401	0.9849	0.6569	0.9490	0.9827	0.9839
37.3	0.8987	0.9498	0.9884	0.7000	0.9619	0.9848	0.9860
37.4	0.8325	0.9368	0.9779	0.6370	0.9442	0.9728	0.9557
37.5	0.9015	0.9500	0.9827	0.7908	0.9611	0.9783	0.9759
37.6	0.9537	0.9534	0.9892	0.8334	0.9631	0.9869	0.9886
37.7	0.9358	0.9440	0.9871	0.7821	0.9591	0.9851	0.9838
37.8	0.9243	0.9587	0.9864	0.7947	0.9664	0.9837	0.9871
37.9	0.9223	0.9678	0.9866	0.8392	0.9682	0.9844	0.9876
38.0	0.9260	0.9577	0.9848	0.8297	0.9573	0.9825	0.9819
38.1	0.9212	0.9453	0.9775	0.7740	0.9549	0.9743	0.9785
38.2	0.8984	0.9581	0.9777	0.8285	0.9614	0.9725	0.9831
38.3	0.8866	0.9531	0.9833	0.8813	0.9570	0.9766	0.9842
38.4	0.8738	0.9312	0.9808	0.8803	0.9407	0.9734	0.9814
38.5	0.8630	0.9240	0.9751	0.8756	0.9367	0.9714	0.9815
38.6	0.8965	0.9464	0.9814	0.8631	0.9517	0.9804	0.9844
38.7	0.9249	0.9489	0.9868	0.8773	0.9567	0.9877	0.9896
38.8	0.9075	0.9391	0.9803	0.8566	0.9485	0.9816	0.9879
38.9	0.9142	0.9212	0.9761	0.8351	0.9375	0.9736	0.9833
39.0	0.9058	0.9190	0.9733	0.8441	0.9355	0.9653	0.9831
39.1	0.8969	0.9483	0.9789	0.8055	0.9503	0.9729	0.9833
39.2	0.9101	0.9313	0.9803	0.7446	0.9431	0.9772	0.9856
39.3	0.9372	0.9375	0.9834	0.8182	0.9498	0.9802	0.9865
39.4	0.9313	0.9309	0.9839	0.6745	0.9441	0.9809	0.9810
39.5	0.9115	0.9171	0.9780	0.4210	0.9312	0.9746	0.9742
39.6	0.9270	0.9432	0.9805	0.4169	0.9466	0.9808	0.9816
39.7	0.9185	0.9481	0.9823	0.5024	0.9499	0.9804	0.9797
39.8	0.9053	0.9284	0.9829	0.4405	0.9408	0.9797	0.9829
39.9	0.8937	0.9146	0.9788	0.3350	0.9345	0.9740	0.9840
40.0	0.8838	0.9081	0.9834	0.1542	0.9293	0.9776	0.9852
40.1	0.9069	0.9287	0.9861	0.1084	0.9452	0.9824	0.9880
40.2	0.8720	0.9144	0.9811	0.1559	0.9309	0.9768	0.9789
40.3	0.9014	0.9381	0.9823	0.3072	0.9524	0.9745	0.9798
40.4	0.9027	0.9188	0.9795	0.4298	0.9329	0.9722	0.9818
40.5	0.9141	0.9271	0.9778	0.4441	0.9381	0.9683	0.9772
40.6	0.8881	0.9183	0.9801	0.4200	0.9250	0.9703	0.9758
40.7	0.8590	0.8971	0.9809	0.5158	0.9166	0.9692	0.9781
40.8	0.9317	0.9347	0.9807	0.6075	0.9450	0.9687	0.9748
40.9	0.9255	0.9402	0.9821	0.7126	0.9536	0.9738	0.9767
41.0	0.8998	0.9323	0.9824	0.7041	0.9465	0.9696	0.9684
41.1	0.8559	0.9112	0.9818	0.6745	0.9251	0.9653	0.9609
41.2	0.8770	0.9354	0.9796	0.7935	0.9359	0.9679	0.9657
41.3	0.8924	0.9340	0.9794	0.8026	0.9404	0.9715	0.9775
41.4	0.9216	0.9368	0.9830	0.8690	0.9452	0.9751	0.9783
41.5	0.9161	0.9399	0.9837	0.8721	0.9510	0.9733	0.9793
41.6	0.8911	0.9252	0.9805	0.8555	0.9405	0.9660	0.9795
41.7	0.8758	0.9466	0.9833	0.8956	0.9531	0.9653	0.9767
41.8	0.9045	0.9629	0.9869	0.9339	0.9658	0.9729	0.9831
41.9	0.9136	0.9456	0.9861	0.9399	0.9573	0.9717	0.9817
42.0	0.8918	0.9241	0.9827	0.9248	0.9404	0.9634	0.9730
42.1	0.8974	0.9188	0.9857	0.9292	0.9341	0.9740	0.9767
42.2	0.9004	0.9161	0.9820	0.9218	0.9341	0.9718	0.9768
42.3	0.9282	0.9418	0.9861	0.9351	0.9563	0.9781	0.9801

42.4	0.8934	0.9168	0.9830	0.9278	0.9376	0.9735	0.9679
42.5	0.9156	0.9231	0.9825	0.9330	0.9398	0.9704	0.9591
42.6	0.9229	0.9400	0.9776	0.9333	0.9561	0.9639	0.9724
42.7	0.9229	0.9383	0.9829	0.9213	0.9544	0.9681	0.9799
42.8	0.9291	0.9383	0.9858	0.9382	0.9533	0.9749	0.9753
42.9	0.9299	0.9364	0.9881	0.9362	0.9526	0.9783	0.9642
43.0	0.9332	0.9557	0.9860	0.9403	0.9681	0.9734	0.9715
43.1	0.9424	0.9486	0.9873	0.9232	0.9634	0.9746	0.9761
43.2	0.9654	0.9526	0.9890	0.9246	0.9652	0.9790	0.9741
43.3	0.9685	0.9247	0.9835	0.9048	0.9473	0.9770	0.9692
43.4	0.9653	0.9463	0.9886	0.9127	0.9603	0.9780	0.9732
43.5	0.9666	0.9541	0.9868	0.9171	0.9658	0.9778	0.9651
43.6	0.9743	0.9661	0.9907	0.9357	0.9756	0.9828	0.9728
43.7	0.9614	0.9418	0.9809	0.8957	0.9532	0.9661	0.9556
43.8	0.9537	0.9296	0.9660	0.8634	0.9445	0.9468	0.9672
43.9	0.9668	0.9548	0.9823	0.9107	0.9665	0.9694	0.9654
44.0	0.9770	0.9729	0.9898	0.9463	0.9816	0.9855	0.9724
44.1	0.9826	0.9814	0.9904	0.9635	0.9850	0.9834	0.9806
44.2	0.9655	0.9764	0.9785	0.9601	0.9779	0.9735	0.9712
44.3	0.9668	0.9773	0.9835	0.9499	0.9784	0.9794	0.9637
44.4	0.9511	0.9500	0.9602	0.9161	0.9581	0.9386	0.9510
44.5	0.9494	0.9264	0.9403	0.8943	0.9400	0.9037	0.9674
44.6	0.9296	0.9393	0.9624	0.9106	0.9481	0.9527	0.9767
44.7	0.9438	0.9692	0.9663	0.9201	0.9735	0.9613	0.9812
44.8	0.9404	0.9436	0.9712	0.9122	0.9547	0.9636	0.9719
44.9	0.9529	0.9374	0.9898	0.9306	0.9502	0.9805	0.9663
45.0	0.9483	0.9350	0.9867	0.9354	0.9512	0.9814	0.9702
45.1	0.9512	0.9457	0.9863	0.9322	0.9532	0.9794	0.9591
45.2	0.9674	0.9445	0.9895	0.9371	0.9543	0.9803	0.9671
45.3	0.9658	0.9586	0.9901	0.9380	0.9668	0.9859	0.9799
45.4	0.9733	0.9816	0.9908	0.9507	0.9859	0.9861	0.9770
45.5	0.9717	0.9846	0.9923	0.9465	0.9878	0.9854	0.9795
45.6	0.9639	0.9837	0.9932	0.9564	0.9855	0.9794	0.9815
45.7	0.9410	0.9600	0.9759	0.9342	0.9589	0.9647	0.9498
45.8	0.9287	0.9535	0.9418	0.9146	0.9510	0.9204	0.9498
45.9	0.9301	0.9740	0.9494	0.9279	0.9712	0.9319	0.9778
46.0	0.9723	0.9860	0.9812	0.9273	0.9871	0.9744	0.9827
46.1	0.9736	0.9883	0.9897	0.9526	0.9888	0.9785	0.9835
46.2	0.9547	0.9797	0.9804	0.9246	0.9821	0.9638	0.9748
46.3	0.9719	0.9651	0.9756	0.9418	0.9687	0.9605	0.9851
46.4	0.9559	0.9593	0.9603	0.9316	0.9600	0.9382	0.9778
46.5	0.9297	0.9609	0.9480	0.9220	0.9641	0.9259	0.9833
46.6	0.9386	0.9207	0.9635	0.9136	0.9294	0.9525	0.9844
46.7	0.9365	0.9574	0.9787	0.8812	0.9602	0.9753	0.9867
46.8	0.9632	0.9508	0.9849	0.8775	0.9582	0.9808	0.9905
46.9	0.9663	0.9386	0.9865	0.8917	0.9548	0.9785	0.9883
47.0	0.9586	0.9574	0.9726	0.8962	0.9622	0.9571	0.9856
47.1	0.9424	0.9600	0.9306	0.8693	0.9597	0.9192	0.9881
47.2	0.9109	0.9228	0.8881	0.7507	0.9209	0.8746	0.9831
47.3	0.9324	0.8843	0.9465	0.5943	0.8861	0.9390	0.9834
47.4	0.9560	0.9374	0.9815	0.8127	0.9501	0.9777	0.9839
47.5	0.9613	0.9564	0.9780	0.9268	0.9618	0.9739	0.9846
47.6	0.9567	0.9529	0.9554	0.9321	0.9550	0.9544	0.9835
47.7	0.9519	0.9437	0.9209	0.9252	0.9466	0.9226	0.9834
47.8	0.9548	0.9498	0.9194	0.9320	0.9500	0.9282	0.9856
47.9	0.8915	0.8906	0.8115	0.8529	0.8922	0.8401	0.9838
48.0	0.9247	0.9095	0.9188	0.8767	0.9120	0.9141	0.9829
48.1	0.9189	0.9051	0.8693	0.8426	0.9104	0.8847	0.9856
48.2	0.9271	0.9593	0.9353	0.9159	0.9594	0.9425	0.9870
48.3	0.9528	0.9641	0.9699	0.9487	0.9685	0.9735	0.9888
48.4	0.9256	0.8987	0.9317	0.8877	0.9168	0.9405	0.9853
48.5	0.8796	0.8920	0.9100	0.8591	0.9130	0.9203	0.9891
48.6	0.9516	0.9450	0.9530	0.8704	0.9483	0.9481	0.9903
48.7	0.9460	0.9358	0.9578	0.8367	0.9345	0.9645	0.9869
48.8	0.9520	0.9668	0.9717	0.9072	0.9672	0.9808	0.9852
48.9	0.8641	0.9504	0.9259	0.9028	0.9524	0.9477	0.9826
49.0	0.8060	0.9204	0.9450	0.8913	0.9253	0.9630	0.9784
49.1	0.9503	0.9640	0.9820	0.9304	0.9702	0.9835	0.9871
49.2	0.9529	0.9507	0.9739	0.9163	0.9577	0.9780	0.9859
49.3	0.9533	0.9611	0.9790	0.9453	0.9671	0.9801	0.9810
49.4	0.9556	0.9585	0.9687	0.9411	0.9608	0.9721	0.9765
49.5	0.9553	0.9207	0.9565	0.9020	0.9327	0.9650	0.9842
49.6	0.9539	0.9531	0.9780	0.9270	0.9691	0.9799	0.9905
49.7	0.9628	0.9720	0.9899	0.9270	0.9795	0.9893	0.9870
49.8	0.9767	0.9775	0.9938	0.9337	0.9830	0.9912	0.9892
49.9	0.9591	0.9549	0.9545	0.8740	0.9581	0.9624	0.9865
50.0	0.9148	0.9010	0.9070	0.7396	0.9012	0.9230	0.9754
50.1	0.9430	0.9518	0.9535	0.8494	0.9513	0.9570	0.9719
50.2	0.9567	0.9660	0.9609	0.9231	0.9662	0.9631	0.9810
50.3	0.9478	0.9489	0.9285	0.8786	0.9495	0.9448	0.9865
50.4	0.9306	0.9435	0.8903	0.8079	0.9441	0.9291	0.9901
50.5	0.9468	0.9617	0.9651	0.7960	0.9621	0.9723	0.9881
50.6	0.9660	0.9831	0.9888	0.8399	0.9845	0.9878	0.9874
50.7	0.9662	0.9843	0.9916	0.8413	0.9860	0.9882	0.9837
50.8	0.9782	0.9854	0.9915	0.8629	0.9857	0.9905	0.9898
50.9	0.9703	0.9680	0.9837	0.8188	0.9701	0.9834	0.9859

51.0	0.9499	0.9207	0.9467	0.6702	0.9188	0.9490	0.9768
51.1	0.9301	0.9076	0.9338	0.7916	0.9039	0.9430	0.9693
51.2	0.9515	0.9519	0.9481	0.8962	0.9500	0.9618	0.9844
51.3	0.9529	0.9558	0.9508	0.8682	0.9530	0.9627	0.9890
51.4	0.9535	0.9520	0.9600	0.8764	0.9505	0.9569	0.9800
51.5	0.9410	0.9472	0.9530	0.8544	0.9459	0.9594	0.9769
51.6	0.9252	0.9239	0.9411	0.8533	0.9214	0.9521	0.9689
51.7	0.9601	0.9672	0.9705	0.9177	0.9659	0.9714	0.9731
51.8	0.9760	0.9811	0.9825	0.9244	0.9803	0.9825	0.9842
51.9	0.9553	0.9601	0.9639	0.8886	0.9568	0.9654	0.9843
52.0	0.9378	0.9411	0.9493	0.9019	0.9397	0.9525	0.9724
52.1	0.9488	0.9429	0.9494	0.9128	0.9414	0.9595	0.9818
52.2	0.9717	0.9669	0.9744	0.9123	0.9659	0.9779	0.9902
52.3	0.9692	0.9729	0.9715	0.9169	0.9726	0.9682	0.9797
52.4	0.9660	0.9673	0.9485	0.9062	0.9623	0.9380	0.9836
52.5	0.9643	0.9655	0.9453	0.9185	0.9627	0.9370	0.9828
52.6	0.9780	0.9857	0.9726	0.9643	0.9853	0.9710	0.9894
52.7	0.9437	0.9583	0.9307	0.9321	0.9543	0.9383	0.9835
52.8	0.9490	0.9545	0.9406	0.9234	0.9502	0.9434	0.9852
52.9	0.9649	0.9711	0.9553	0.9408	0.9685	0.9584	0.9891
53.0	0.9816	0.9873	0.9820	0.9663	0.9872	0.9802	0.9919
53.1	0.9648	0.9624	0.9334	0.9011	0.9611	0.9369	0.9872
53.2	0.9677	0.9655	0.9519	0.9086	0.9652	0.9580	0.9885
53.3	0.9799	0.9879	0.9829	0.9648	0.9882	0.9841	0.9916
53.4	0.9847	0.9899	0.9883	0.9827	0.9895	0.9907	0.9936
53.5	0.9849	0.9877	0.9753	0.9832	0.9872	0.9789	0.9948
53.6	0.9819	0.9843	0.9550	0.9780	0.9823	0.9585	0.9965
53.7	0.9714	0.9684	0.9527	0.9630	0.9657	0.9594	0.9918
53.8	0.9552	0.9503	0.9412	0.9461	0.9483	0.9517	0.9776
53.9	0.9845	0.9844	0.9839	0.9781	0.9841	0.9836	0.9895
54.0	0.9898	0.9872	0.9900	0.9827	0.9873	0.9884	0.9928
54.1	0.9644	0.9590	0.9634	0.9601	0.9588	0.9609	0.9828
54.2	0.9162	0.9034	0.8975	0.9127	0.9037	0.8958	0.9742
54.3	0.9580	0.9536	0.9447	0.9534	0.9540	0.9415	0.9839
54.4	0.9915	0.9884	0.9898	0.9814	0.9882	0.9882	0.9949
54.5	0.9911	0.9900	0.9908	0.9850	0.9903	0.9903	0.9946
54.6	0.9822	0.9787	0.9724	0.9742	0.9792	0.9753	0.9914
54.7	0.9644	0.9555	0.9128	0.9568	0.9555	0.9222	0.9865
54.8	0.9536	0.9453	0.9138	0.9466	0.9417	0.9228	0.9841
54.9	0.9752	0.9711	0.9588	0.9685	0.9695	0.9583	0.9889
55.0	0.9880	0.9861	0.9832	0.9832	0.9864	0.9830	0.9922
55.1	0.9935	0.9900	0.9925	0.9831	0.9896	0.9885	0.9942
55.2	0.9931	0.9909	0.9920	0.9842	0.9904	0.9871	0.9939
55.3	0.9910	0.9887	0.9876	0.9813	0.9882	0.9855	0.9943
55.4	0.9886	0.9888	0.9810	0.9836	0.9880	0.9809	0.9947
55.5	0.9701	0.9741	0.9377	0.9626	0.9720	0.9466	0.9910
55.6	0.9805	0.9810	0.9577	0.9679	0.9798	0.9612	0.9933
55.7	0.9948	0.9935	0.9887	0.9874	0.9933	0.9867	0.9965
55.8	0.9953	0.9937	0.9924	0.9886	0.9931	0.9907	0.9965
55.9	0.9952	0.9934	0.9896	0.9863	0.9934	0.9870	0.9972
56.0	0.9577	0.9565	0.8739	0.9266	0.9522	0.8811	0.9908
56.1	0.9347	0.9408	0.8580	0.9129	0.9339	0.8585	0.9861
56.2	0.9844	0.9839	0.9708	0.9760	0.9824	0.9686	0.9950
56.3	0.9955	0.9944	0.9936	0.9918	0.9943	0.9925	0.9961
56.4	0.9961	0.9931	0.9944	0.9857	0.9926	0.9911	0.9957
56.5	0.9957	0.9932	0.9954	0.9843	0.9928	0.9915	0.9952
56.6	0.9963	0.9941	0.9964	0.9874	0.9935	0.9933	0.9959
56.7	0.9970	0.9954	0.9970	0.9880	0.9946	0.9950	0.9968
56.8	0.9961	0.9935	0.9952	0.9807	0.9929	0.9917	0.9957
56.9	0.9960	0.9920	0.9935	0.9775	0.9916	0.9876	0.9956
57.0	0.9966	0.9944	0.9929	0.9836	0.9941	0.9863	0.9970
57.1	0.9937	0.9919	0.9685	0.9814	0.9908	0.9749	0.9959
57.2	0.9652	0.9647	0.8684	0.9533	0.9585	0.9020	0.9914
57.3	0.9811	0.9804	0.9508	0.9723	0.9775	0.9581	0.9930
57.4	0.9919	0.9902	0.9807	0.9829	0.9889	0.9818	0.9947
57.5	0.9946	0.9914	0.9922	0.9836	0.9908	0.9882	0.9945
57.6	0.9959	0.9927	0.9933	0.9830	0.9920	0.9888	0.9948
57.7	0.9956	0.9937	0.9933	0.9875	0.9930	0.9920	0.9949
57.8	0.9959	0.9938	0.9939	0.9873	0.9929	0.9923	0.9947
57.9	0.9936	0.9914	0.9920	0.9844	0.9903	0.9909	0.9932
58.0	0.9939	0.9911	0.9911	0.9810	0.9897	0.9871	0.9929
58.1	0.9957	0.9934	0.9936	0.9855	0.9925	0.9898	0.9960
58.2	0.9944	0.9917	0.9914	0.9842	0.9910	0.9878	0.9940
58.3	0.9929	0.9913	0.9881	0.9852	0.9905	0.9891	0.9929
58.4	0.9922	0.9879	0.9843	0.9815	0.9868	0.9795	0.9914
58.5	0.9930	0.9888	0.9781	0.9821	0.9877	0.9691	0.9931
58.6	0.9885	0.9838	0.9714	0.9727	0.9828	0.9711	0.9888
58.7	0.9920	0.9883	0.9853	0.9777	0.9871	0.9842	0.9895
58.8	0.9917	0.9883	0.9832	0.9780	0.9875	0.9860	0.9902
58.9	0.9939	0.9882	0.9845	0.9706	0.9869	0.9834	0.9901
59.0	0.9892	0.9806	0.9789	0.9648	0.9786	0.9759	0.9859
59.1	0.9859	0.9797	0.9700	0.9652	0.9779	0.9782	0.9826
59.2	0.9879	0.9822	0.9767	0.9649	0.9808	0.9765	0.9851
59.3	0.9895	0.9852	0.9781	0.9729	0.9846	0.9815	0.9870
59.4	0.9911	0.9876	0.9849	0.9775	0.9872	0.9855	0.9904
59.5	0.9869	0.9804	0.9785	0.9680	0.9796	0.9788	0.9868

59.6	0.9865	0.9787	0.9753	0.9539	0.9780	0.9767	0.9832
59.7	0.9868	0.9804	0.9683	0.9469	0.9796	0.9797	0.9819
59.8	0.9859	0.9779	0.9684	0.7213	0.9769	0.9765	0.9809
59.9	0.9826	0.9760	0.9643	0.0009	0.9752	0.9735	0.9097
60.0	0.9794	0.9772	0.9624	0.0025	0.9808	0.9724	0.6887
60.1	0.9808	0.9708	0.9532	0.0129	0.9712	0.9708	0.8377
60.2	0.9843	0.9727	0.9552	0.4311	0.9710	0.9741	0.9734
60.3	0.9811	0.9697	0.9532	0.9086	0.9691	0.9771	0.9776
60.4	0.9789	0.9678	0.9459	0.9541	0.9678	0.9751	0.9784
60.5	0.9824	0.9744	0.9378	0.9517	0.9747	0.9752	0.9767
60.6	0.9845	0.9768	0.9482	0.9683	0.9773	0.9818	0.9810
60.7	0.9829	0.9683	0.9273	0.9544	0.9669	0.9788	0.9742
60.8	0.9771	0.9598	0.9052	0.9424	0.9594	0.9751	0.9710
60.9	0.9733	0.9528	0.8917	0.9414	0.9538	0.9743	0.9641
61.0	0.9764	0.9540	0.8742	0.9422	0.9541	0.9758	0.9666
61.1	0.9780	0.9492	0.8612	0.9326	0.9493	0.9733	0.9666
61.2	0.9788	0.9528	0.8228	0.9372	0.9543	0.9769	0.9666
61.3	0.9805	0.9499	0.7721	0.9384	0.9532	0.9833	0.9653
61.4	0.9752	0.9451	0.6513	0.9261	0.9465	0.9799	0.9600
61.5	0.9782	0.9533	0.5235	0.9446	0.9555	0.9819	0.9627
61.6	0.9823	0.9538	0.5049	0.9424	0.9559	0.9821	0.9665
61.7	0.9758	0.9396	0.3535	0.9183	0.9429	0.9750	0.9589
61.8	0.9770	0.9398	0.4339	0.9213	0.9440	0.9802	0.9604
61.9	0.9832	0.9571	0.4721	0.9413	0.9596	0.9841	0.9683
62.0	0.9790	0.9414	0.5158	0.9324	0.9456	0.9818	0.9691
62.1	0.9714	0.9308	0.4134	0.9161	0.9343	0.9734	0.9591
62.2	0.9777	0.9457	0.4912	0.9321	0.9486	0.9735	0.9672
62.3	0.9814	0.9537	0.6751	0.9414	0.9568	0.9756	0.9691
62.4	0.9785	0.9529	0.8050	0.9512	0.9583	0.9793	0.9757
62.5	0.9803	0.9669	0.8525	0.9619	0.9717	0.9823	0.9785
62.6	0.9851	0.9762	0.8814	0.9736	0.9804	0.9859	0.9831
62.7	0.9849	0.9735	0.8798	0.9698	0.9752	0.9832	0.9810
62.8	0.9888	0.9765	0.9278	0.9791	0.9787	0.9844	0.9863
62.9	0.9869	0.9757	0.9366	0.9773	0.9786	0.9832	0.9852
63.0	0.9887	0.9818	0.9429	0.9813	0.9845	0.9833	0.9886
63.1	0.9886	0.9818	0.9424	0.9794	0.9833	0.9838	0.9888
63.2	0.9836	0.9750	0.9420	0.9743	0.9784	0.9822	0.9853
63.3	0.9834	0.9749	0.9446	0.9788	0.9795	0.9821	0.9857
63.4	0.9886	0.9840	0.9641	0.9863	0.9872	0.9853	0.9895
63.5	0.9907	0.9854	0.9702	0.9884	0.9881	0.9860	0.9910
63.6	0.9908	0.9868	0.9741	0.9908	0.9895	0.9870	0.9929
63.7	0.9918	0.9852	0.9816	0.9924	0.9887	0.9890	0.9931
63.8	0.9916	0.9846	0.9854	0.9929	0.9882	0.9889	0.9934
63.9	0.9911	0.9793	0.9851	0.9923	0.9841	0.9894	0.9921
64.0	0.9908	0.9777	0.9826	0.9891	0.9834	0.9883	0.9920
64.1	0.9916	0.9791	0.9796	0.9915	0.9855	0.9882	0.9925
64.2	0.9912	0.9768	0.9796	0.9903	0.9828	0.9859	0.9919
64.3	0.9892	0.9690	0.9837	0.9903	0.9768	0.9864	0.9907
64.4	0.9890	0.9688	0.9872	0.9921	0.9785	0.9861	0.9888
64.5	0.9907	0.9799	0.9907	0.9930	0.9853	0.9880	0.9924
64.6	0.9914	0.9829	0.9921	0.9933	0.9874	0.9896	0.9934
64.7	0.9902	0.9760	0.9903	0.9930	0.9839	0.9912	0.9929
64.8	0.9911	0.9764	0.9921	0.9934	0.9839	0.9908	0.9930
64.9	0.9886	0.9757	0.9926	0.9925	0.9816	0.9895	0.9914
65.0	0.9898	0.9765	0.9925	0.9934	0.9811	0.9900	0.9911
65.1	0.9881	0.9784	0.9901	0.9914	0.9823	0.9873	0.9891
65.2	0.9849	0.9797	0.9895	0.9909	0.9823	0.9860	0.9878
65.3	0.9886	0.9770	0.9928	0.9936	0.9813	0.9901	0.9895
65.4	0.9900	0.9817	0.9933	0.9933	0.9851	0.9910	0.9893
65.5	0.9894	0.9844	0.9939	0.9920	0.9857	0.9899	0.9921
65.6	0.9891	0.9862	0.9948	0.9937	0.9856	0.9919	0.9929
65.7	0.9873	0.9819	0.9952	0.9950	0.9823	0.9928	0.9921
65.8	0.9833	0.9796	0.9946	0.9935	0.9816	0.9934	0.9884
65.9	0.9774	0.9744	0.9915	0.9902	0.9765	0.9887	0.9815
66.0	0.9825	0.9774	0.9920	0.9917	0.9795	0.9880	0.9846
66.1	0.9824	0.9769	0.9926	0.9891	0.9774	0.9898	0.9830
66.2	0.9808	0.9797	0.9939	0.9876	0.9798	0.9916	0.9843
66.3	0.9796	0.9864	0.9956	0.9870	0.9864	0.9915	0.9884
66.4	0.9681	0.9762	0.9922	0.9846	0.9770	0.9878	0.9766
66.5	0.9649	0.9740	0.9905	0.9801	0.9744	0.9865	0.9742
66.6	0.9777	0.9753	0.9927	0.9877	0.9763	0.9899	0.9813
66.7	0.9778	0.9830	0.9958	0.9891	0.9837	0.9917	0.9844
66.8	0.9708	0.9803	0.9942	0.9847	0.9814	0.9896	0.9764
66.9	0.9435	0.9580	0.9915	0.9724	0.9622	0.9853	0.9503
67.0	0.9269	0.9555	0.9903	0.9770	0.9590	0.9822	0.9533
67.1	0.9409	0.9628	0.9933	0.9799	0.9626	0.9867	0.9611
67.2	0.9386	0.9693	0.9940	0.9794	0.9687	0.9883	0.9663
67.3	0.9435	0.9696	0.9936	0.9775	0.9697	0.9874	0.9663
67.4	0.9426	0.9716	0.9943	0.9722	0.9713	0.9870	0.9614
67.5	0.9223	0.9612	0.9943	0.9691	0.9578	0.9867	0.9530
67.6	0.8994	0.9619	0.9931	0.9677	0.9560	0.9859	0.9490
67.7	0.8886	0.9607	0.9911	0.9713	0.9612	0.9809	0.9460
67.8	0.9040	0.9679	0.9931	0.9755	0.9681	0.9794	0.9470
67.9	0.9181	0.9688	0.9944	0.9742	0.9660	0.9830	0.9526
68.0	0.9201	0.9692	0.9947	0.9819	0.9688	0.9832	0.9491
68.1	0.8776	0.9635	0.9923	0.9746	0.9623	0.9777	0.9409

68.2	0.8811	0.9660	0.9917	0.9721	0.9639	0.9718	0.9375
68.3	0.8909	0.9684	0.9922	0.9775	0.9657	0.9699	0.9410
68.4	0.8851	0.9702	0.9922	0.9837	0.9657	0.9717	0.9465
68.5	0.8707	0.9589	0.9899	0.9808	0.9524	0.9681	0.9434
68.6	0.8759	0.9654	0.9878	0.9760	0.9582	0.9651	0.9474
68.7	0.9239	0.9742	0.9933	0.9827	0.9660	0.9769	0.9718
68.8	0.8963	0.9689	0.9904	0.9826	0.9601	0.9653	0.9619
68.9	0.9122	0.9697	0.9911	0.9857	0.9616	0.9644	0.9702
69.0	0.8980	0.9743	0.9933	0.9879	0.9676	0.9750	0.9826
69.1	0.8595	0.9717	0.9915	0.9885	0.9623	0.9633	0.9772
69.2	0.8338	0.9711	0.9893	0.9868	0.9608	0.9553	0.9778
69.3	0.7850	0.9685	0.9902	0.9874	0.9554	0.9604	0.9827
69.4	0.7685	0.9673	0.9870	0.9839	0.9517	0.9536	0.9800
69.5	0.7283	0.9661	0.9836	0.9794	0.9500	0.9369	0.9765
69.6	0.7558	0.9728	0.9848	0.9859	0.9600	0.9352	0.9798
69.7	0.7958	0.9816	0.9889	0.9896	0.9725	0.9461	0.9847
69.8	0.7718	0.9782	0.9843	0.9871	0.9683	0.9291	0.9829
69.9	0.7813	0.9804	0.9832	0.9883	0.9689	0.9232	0.9837
70.0	0.8012	0.9856	0.9836	0.9908	0.9756	0.9264	0.9882
70.1	0.8307	0.9815	0.9840	0.9875	0.9720	0.9207	0.9870
70.2	0.8006	0.9777	0.9818	0.9865	0.9666	0.9107	0.9875
70.3	0.7550	0.9786	0.9738	0.9849	0.9657	0.8727	0.9849
70.4	0.7954	0.9766	0.9656	0.9831	0.9644	0.8346	0.9825
70.5	0.8331	0.9807	0.9704	0.9854	0.9712	0.8518	0.9864
70.6	0.8627	0.9799	0.9714	0.9853	0.9700	0.8615	0.9866
70.7	0.8518	0.9758	0.9663	0.9798	0.9656	0.8480	0.9808
70.8	0.8581	0.9778	0.9649	0.9799	0.9658	0.8563	0.9800
70.9	0.8542	0.9762	0.9673	0.9813	0.9626	0.8196	0.9807
71.0	0.8397	0.9701	0.9546	0.9770	0.9560	0.7730	0.9761
71.1	0.8686	0.9755	0.9388	0.9781	0.9621	0.7147	0.9796
71.2	0.9154	0.9828	0.9502	0.9797	0.9721	0.7520	0.9885
71.3	0.9143	0.9779	0.9555	0.9805	0.9665	0.7739	0.9875
71.4	0.9049	0.9769	0.9395	0.9809	0.9663	0.7160	0.9854
71.5	0.9111	0.9800	0.9178	0.9798	0.9703	0.6623	0.9835
71.6	0.8899	0.9742	0.9033	0.9824	0.9603	0.6461	0.9791
71.7	0.8759	0.9712	0.8499	0.9806	0.9536	0.5263	0.9768
71.8	0.8717	0.9674	0.8693	0.9781	0.9489	0.6010	0.9767
71.9	0.8309	0.9595	0.8269	0.9708	0.9338	0.5305	0.9672
72.0	0.8523	0.9531	0.7769	0.9567	0.9290	0.4324	0.9612
72.1	0.8873	0.9635	0.7689	0.9600	0.9435	0.4156	0.9650
72.2	0.8367	0.9707	0.6998	0.9706	0.9452	0.4206	0.9742
72.3	0.7723	0.9482	0.6863	0.9623	0.9065	0.4488	0.9578
72.4	0.8053	0.9492	0.6781	0.9599	0.9148	0.4424	0.9618
72.5	0.8464	0.9625	0.6777	0.9655	0.9383	0.4526	0.9715
72.6	0.8103	0.9565	0.6696	0.9627	0.9221	0.4735	0.9670
72.7	0.7640	0.9427	0.6336	0.9443	0.9035	0.4802	0.9543
72.8	0.7812	0.9394	0.6894	0.9413	0.9052	0.5842	0.9605
72.9	0.7870	0.9466	0.5499	0.9528	0.9125	0.4268	0.9660
73.0	0.7959	0.9477	0.4642	0.9546	0.9079	0.3512	0.9649
73.1	0.8135	0.9477	0.3847	0.9527	0.9108	0.2649	0.9669
73.2	0.8177	0.9416	0.3600	0.9495	0.9132	0.2536	0.9570
73.3	0.8423	0.9476	0.4961	0.9462	0.9199	0.4155	0.9619
73.4	0.8324	0.9528	0.3679	0.9533	0.9205	0.3095	0.9672
73.5	0.8410	0.9508	0.3590	0.9597	0.9155	0.3170	0.9710
73.6	0.8466	0.9365	0.3202	0.9411	0.9076	0.2817	0.9734
73.7	0.8484	0.9312	0.3215	0.9203	0.9092	0.3066	0.9626
73.8	0.8707	0.9439	0.3674	0.9351	0.9220	0.3389	0.9535
73.9	0.8629	0.9387	0.3888	0.9283	0.9177	0.3722	0.9572
74.0	0.8776	0.9346	0.4661	0.9225	0.9178	0.4643	0.9612
74.1	0.8761	0.9215	0.4380	0.9145	0.9083	0.4251	0.9626
74.2	0.8956	0.9366	0.4197	0.9371	0.9239	0.4077	0.9721
74.3	0.9018	0.9396	0.4726	0.9354	0.9223	0.4668	0.9713
74.4	0.8938	0.9241	0.4271	0.9241	0.9158	0.4327	0.9669
74.5	0.9131	0.9455	0.5878	0.9431	0.9402	0.6014	0.9721
74.6	0.9352	0.9475	0.7140	0.9478	0.9511	0.7225	0.9710
74.7	0.9519	0.9600	0.7245	0.9623	0.9594	0.7444	0.9797
74.8	0.9320	0.9470	0.7236	0.9505	0.9437	0.7510	0.9737
74.9	0.9109	0.9302	0.7121	0.9351	0.9242	0.7343	0.9659
75.0	0.9369	0.9529	0.7198	0.9550	0.9464	0.7398	0.9719
75.1	0.9561	0.9648	0.7319	0.9670	0.9619	0.7579	0.9810
75.2	0.9441	0.9499	0.6927	0.9487	0.9459	0.7256	0.9743
75.3	0.9498	0.9555	0.7419	0.9542	0.9546	0.7670	0.9706
75.4	0.9360	0.9462	0.7371	0.9546	0.9471	0.7646	0.9654
75.5	0.9500	0.9536	0.7516	0.9611	0.9555	0.7901	0.9767
75.6	0.9520	0.9600	0.8277	0.9623	0.9570	0.8564	0.9794
75.7	0.9539	0.9646	0.8793	0.9656	0.9615	0.9074	0.9790
75.8	0.9661	0.9692	0.8569	0.9654	0.9669	0.8845	0.9816
75.9	0.9723	0.9735	0.8839	0.9694	0.9714	0.9028	0.9826
76.0	0.9677	0.9718	0.8639	0.9727	0.9683	0.8965	0.9859
76.1	0.9594	0.9666	0.8691	0.9675	0.9609	0.9048	0.9842
76.2	0.9328	0.9359	0.8360	0.9332	0.9287	0.8726	0.9690
76.3	0.9556	0.9560	0.8936	0.9528	0.9519	0.9168	0.9780
76.4	0.9638	0.9672	0.8753	0.9654	0.9639	0.9048	0.9803
76.5	0.9609	0.9673	0.8662	0.9638	0.9617	0.9054	0.9792
76.6	0.9556	0.9646	0.9090	0.9613	0.9567	0.9394	0.9791
76.7	0.9468	0.9562	0.9093	0.9472	0.9398	0.9412	0.9746

76.8	0.9567	0.9660	0.9028	0.9588	0.9512	0.9357	0.9799
76.9	0.9624	0.9640	0.8977	0.9526	0.9531	0.9267	0.9821
77.0	0.9514	0.9581	0.9148	0.9389	0.9419	0.9450	0.9779
77.1	0.9480	0.9606	0.9081	0.9477	0.9466	0.9471	0.9771
77.2	0.9556	0.9592	0.8916	0.9531	0.9470	0.9443	0.9772
77.3	0.9635	0.9725	0.9162	0.9593	0.9546	0.9579	0.9822
77.4	0.9750	0.9833	0.9397	0.9685	0.9699	0.9702	0.9897
77.5	0.9684	0.9729	0.9182	0.9593	0.9581	0.9601	0.9866
77.6	0.9635	0.9635	0.9210	0.9480	0.9418	0.9604	0.9820
77.7	0.9607	0.9631	0.9148	0.9467	0.9369	0.9545	0.9802
77.8	0.9634	0.9675	0.9110	0.9517	0.9454	0.9566	0.9783
77.9	0.9403	0.9540	0.8565	0.9270	0.9169	0.9313	0.9682
78.0	0.9523	0.9660	0.8977	0.9385	0.9296	0.9546	0.9761
78.1	0.9697	0.9767	0.9240	0.9597	0.9574	0.9679	0.9826
78.2	0.9668	0.9671	0.9017	0.9466	0.9457	0.9570	0.9783
78.3	0.9631	0.9648	0.9069	0.9413	0.9380	0.9612	0.9806
78.4	0.9707	0.9726	0.9270	0.9494	0.9542	0.9653	0.9803
78.5	0.9824	0.9795	0.9254	0.9565	0.9641	0.9652	0.9840
78.6	0.9794	0.9761	0.9181	0.9546	0.9623	0.9720	0.9847
78.7	0.9752	0.9761	0.9083	0.9599	0.9614	0.9615	0.9862
78.8	0.9795	0.9797	0.9160	0.9672	0.9685	0.9636	0.9844
78.9	0.9750	0.9763	0.8685	0.9602	0.9612	0.9468	0.9812
79.0	0.9681	0.9737	0.7476	0.9567	0.9555	0.9206	0.9818
79.1	0.9792	0.9786	0.7820	0.9565	0.9683	0.9358	0.9835
79.2	0.9808	0.9843	0.8708	0.9708	0.9794	0.9578	0.9870
79.3	0.9798	0.9801	0.8704	0.9619	0.9709	0.9598	0.9848
79.4	0.9749	0.9743	0.7979	0.9555	0.9620	0.9417	0.9836
79.5	0.9776	0.9788	0.8598	0.9675	0.9715	0.9633	0.9878
79.6	0.9808	0.9822	0.8724	0.9722	0.9756	0.9669	0.9878
79.7	0.9815	0.9838	0.8902	0.9741	0.9781	0.9746	0.9886
79.8	0.9787	0.9819	0.8762	0.9725	0.9768	0.9743	0.9884
79.9	0.9754	0.9809	0.8459	0.9691	0.9744	0.9729	0.9868
80.0	0.9739	0.9775	0.7916	0.9586	0.9666	0.9648	0.9863

2.2.25 Run 3 – IP315 – Accels 1–8

In-plane shaking at 315°. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.9242	0.5557	0.9490	0.9563	0.9528	0.9967	0.9876	0.9349
0.1	0.8603	0.2246	0.8666	0.9053	0.8559	0.9852	0.9640	0.8256
0.2	0.0168	0.0094	0.0005	0.0176	0.0354	0.0127	0.0384	0.0117
0.3	0.0111	0.0004	0.0131	0.0012	0.0378	0.0192	0.0170	0.0179
0.4	0.0061	0.0051	0.0133	0.0095	0.0710	0.0022	0.0017	0.0126
0.5	0.1146	0.0824	0.0157	0.0008	0.0417	0.0298	0.0042	0.0035
0.6	0.3697	0.3022	0.0374	0.0002	0.4461	0.3767	0.0183	0.2622
0.7	0.7376	0.6982	0.0982	0.0076	0.8351	0.7202	0.0175	0.7565
0.8	0.8307	0.8103	0.0896	0.0378	0.8769	0.8409	0.0136	0.8339
0.9	0.8629	0.8477	0.0227	0.0368	0.8948	0.8744	0.0241	0.8740
1.0	0.8034	0.7730	0.0154	0.0603	0.8896	0.6891	0.0060	0.7621
1.1	0.6214	0.5326	0.0864	0.0765	0.8202	0.4956	0.0044	0.4503
1.2	0.8635	0.8327	0.1614	0.0129	0.9493	0.6889	0.0735	0.6681
1.3	0.9622	0.9565	0.4358	0.0307	0.9806	0.8536	0.3031	0.7672
1.4	0.9722	0.9703	0.7548	0.3173	0.9775	0.8888	0.6384	0.7667
1.5	0.9613	0.9612	0.7985	0.2845	0.9889	0.8722	0.7866	0.7450
1.6	0.9679	0.9687	0.8373	0.1457	0.9908	0.9241	0.8422	0.7766
1.7	0.8975	0.9024	0.6961	0.0906	0.9688	0.8125	0.8197	0.7728
1.8	0.8946	0.8990	0.8057	0.2471	0.9644	0.8345	0.9029	0.7721
1.9	0.8623	0.8654	0.8267	0.4199	0.9515	0.7980	0.9366	0.8552
2.0	0.8649	0.8685	0.9051	0.6571	0.9169	0.8584	0.9328	0.8736
2.1	0.8602	0.8655	0.9242	0.8374	0.8935	0.9144	0.9023	0.8799
2.2	0.7595	0.7680	0.8537	0.7705	0.8010	0.9000	0.8180	0.7968
2.3	0.1447	0.1512	0.2063	0.1703	0.1493	0.7945	0.1826	0.1472
2.4	0.7828	0.7712	0.6742	0.7144	0.7652	0.9047	0.7256	0.7634
2.5	0.9414	0.9348	0.9103	0.9133	0.9524	0.9576	0.9245	0.9516
2.6	0.9655	0.9579	0.9303	0.9008	0.9775	0.9725	0.9414	0.9759
2.7	0.9690	0.9584	0.9542	0.8915	0.9879	0.9810	0.9466	0.9875
2.8	0.9646	0.9458	0.9512	0.8258	0.9908	0.9828	0.9148	0.9902
2.9	0.9556	0.9249	0.9333	0.7384	0.9943	0.9770	0.8361	0.9931
3.0	0.9142	0.8287	0.8893	0.6148	0.9954	0.9708	0.5597	0.9943
3.1	0.9041	0.7879	0.8521	0.6270	0.9974	0.9758	0.4875	0.9961
3.2	0.8507	0.7059	0.8167	0.5604	0.9978	0.9816	0.7685	0.9970
3.3	0.8159	0.8300	0.7867	0.5023	0.9989	0.9855	0.9194	0.9982
3.4	0.6608	0.8453	0.6888	0.4127	0.9987	0.9792	0.9170	0.9976
3.5	0.7969	0.9301	0.4506	0.3083	0.9989	0.9785	0.9734	0.9973
3.6	0.8361	0.9343	0.2551	0.1876	0.9991	0.9687	0.9691	0.9971
3.7	0.9090	0.9646	0.1472	0.1461	0.9992	0.9676	0.9782	0.9967
3.8	0.9505	0.9779	0.5147	0.2973	0.9994	0.9811	0.9826	0.9982
3.9	0.9752	0.9866	0.7371	0.4454	0.9994	0.9870	0.9853	0.9984
4.0	0.9834	0.9905	0.7550	0.4596	0.9993	0.9892	0.9911	0.9982
4.1	0.9837	0.9908	0.8025	0.5469	0.9992	0.9874	0.9884	0.9978
4.2	0.9794	0.9875	0.8026	0.5601	0.9982	0.9793	0.9886	0.9958
4.3	0.9823	0.9881	0.8503	0.5781	0.9974	0.9765	0.9869	0.9949
4.4	0.9918	0.9943	0.9224	0.7689	0.9983	0.9862	0.9924	0.9973
4.5	0.9939	0.9956	0.9499	0.7788	0.9981	0.9922	0.9935	0.9981
4.6	0.9940	0.9957	0.9330	0.7896	0.9972	0.9938	0.9915	0.9975
4.7	0.9943	0.9960	0.9328	0.7950	0.9958	0.9924	0.9936	0.9970
4.8	0.9942	0.9957	0.9400	0.7945	0.9951	0.9932	0.9918	0.9967
4.9	0.9961	0.9973	0.9562	0.7908	0.9959	0.9937	0.9922	0.9966
5.0	0.9961	0.9971	0.9614	0.8123	0.9949	0.9939	0.9939	0.9964
5.1	0.9954	0.9967	0.9581	0.8377	0.9953	0.9920	0.9930	0.9966
5.2	0.9970	0.9977	0.9617	0.8129	0.9962	0.9890	0.9937	0.9973
5.3	0.9962	0.9971	0.9674	0.8668	0.9961	0.9875	0.9919	0.9978
5.4	0.9968	0.9974	0.9720	0.9005	0.9963	0.9870	0.9928	0.9980
5.5	0.9979	0.9983	0.9781	0.9065	0.9969	0.9893	0.9958	0.9984
5.6	0.9983	0.9986	0.9825	0.9120	0.9969	0.9870	0.9958	0.9984
5.7	0.9982	0.9985	0.9770	0.9209	0.9958	0.9817	0.9932	0.9982
5.8	0.9985	0.9988	0.9778	0.9403	0.9941	0.9873	0.9936	0.9974
5.9	0.9986	0.9988	0.9803	0.9192	0.9932	0.9888	0.9952	0.9967
6.0	0.9975	0.9981	0.9788	0.9124	0.9938	0.9859	0.9926	0.9968
6.1	0.9977	0.9981	0.9829	0.9334	0.9943	0.9850	0.9936	0.9972
6.2	0.9974	0.9979	0.9832	0.9160	0.9942	0.9831	0.9904	0.9967
6.3	0.9974	0.9980	0.9798	0.9048	0.9922	0.9823	0.9879	0.9969
6.4	0.9972	0.9978	0.9813	0.9414	0.9915	0.9848	0.9874	0.9968
6.5	0.9977	0.9981	0.9856	0.9510	0.9907	0.9868	0.9853	0.9966
6.6	0.9977	0.9981	0.9830	0.9574	0.9860	0.9883	0.9808	0.9950
6.7	0.9977	0.9980	0.9857	0.9618	0.9853	0.9924	0.9838	0.9957
6.8	0.9974	0.9979	0.9844	0.9669	0.9844	0.9926	0.9809	0.9950
6.9	0.9944	0.9953	0.9623	0.9190	0.9775	0.9918	0.9386	0.9821
7.0	0.9935	0.9945	0.9600	0.9172	0.9794	0.9929	0.9351	0.9740
7.1	0.9858	0.9880	0.8945	0.8452	0.9670	0.9937	0.8537	0.9225
7.2	0.9877	0.9897	0.9196	0.9138	0.9739	0.9954	0.9116	0.9331
7.3	0.9949	0.9959	0.9588	0.9608	0.9743	0.9939	0.9582	0.9500
7.4	0.9906	0.9925	0.9007	0.9290	0.9735	0.9940	0.9144	0.8418
7.5	0.9936	0.9949	0.8847	0.9706	0.9805	0.9961	0.9531	0.8301
7.6	0.9946	0.9958	0.8696	0.9783	0.9716	0.9964	0.9683	0.8914
7.7	0.9968	0.9976	0.9282	0.9874	0.9699	0.9955	0.9864	0.9646
7.8	0.9971	0.9980	0.9464	0.9850	0.9730	0.9949	0.9886	0.9805
7.9	0.9989	0.9991	0.9745	0.9859	0.9762	0.9968	0.9904	0.9826

8.0	0.9982	0.9985	0.9626	0.9811	0.9670	0.9959	0.9865	0.9786
8.1	0.9983	0.9988	0.9716	0.9898	0.9758	0.9961	0.9913	0.9890
8.2	0.9972	0.9983	0.9744	0.9898	0.9785	0.9953	0.9908	0.9858
8.3	0.9973	0.9982	0.9749	0.9903	0.9795	0.9963	0.9941	0.9915
8.4	0.9979	0.9984	0.9797	0.9893	0.9795	0.9962	0.9948	0.9906
8.5	0.9981	0.9984	0.9816	0.9901	0.9805	0.9966	0.9936	0.9917
8.6	0.9987	0.9988	0.9854	0.9927	0.9847	0.9943	0.9963	0.9888
8.7	0.9981	0.9984	0.9852	0.9914	0.9873	0.9947	0.9949	0.9934
8.8	0.9968	0.9974	0.9760	0.9836	0.9833	0.9935	0.9960	0.9875
8.9	0.9957	0.9968	0.9756	0.9817	0.9824	0.9885	0.9949	0.9834
9.0	0.9944	0.9953	0.9596	0.9749	0.9861	0.9876	0.9948	0.9673
9.1	0.9955	0.9962	0.9768	0.9826	0.9871	0.9899	0.9930	0.9804
9.2	0.9846	0.9869	0.9235	0.9400	0.9740	0.9733	0.9765	0.9359
9.3	0.9783	0.9816	0.9223	0.9267	0.9799	0.9758	0.9555	0.9244
9.4	0.9806	0.9840	0.9556	0.9431	0.9877	0.9907	0.9612	0.9540
9.5	0.9805	0.9844	0.9651	0.9473	0.9904	0.9920	0.9627	0.9610
9.6	0.9853	0.9890	0.9774	0.9542	0.9925	0.9898	0.9616	0.9710
9.7	0.9886	0.9916	0.9813	0.9482	0.9925	0.9911	0.9678	0.9726
9.8	0.9939	0.9954	0.9881	0.9435	0.9938	0.9916	0.9692	0.9810
9.9	0.9956	0.9966	0.9823	0.9246	0.9914	0.9886	0.9658	0.9795
10.0	0.9957	0.9975	0.9775	0.9059	0.9908	0.9846	0.9530	0.9827
10.1	0.9958	0.9978	0.9650	0.8913	0.9915	0.9843	0.9569	0.9870
10.2	0.9953	0.9975	0.9612	0.8977	0.9934	0.9830	0.9611	0.9829
10.3	0.9952	0.9974	0.9802	0.9334	0.9970	0.9861	0.9727	0.9875
10.4	0.9967	0.9983	0.9853	0.9393	0.9974	0.9894	0.9749	0.9867
10.5	0.9978	0.9987	0.9903	0.9456	0.9984	0.9913	0.9786	0.9890
10.6	0.9975	0.9985	0.9862	0.9386	0.9987	0.9919	0.9794	0.9865
10.7	0.9985	0.9990	0.9873	0.9287	0.9988	0.9928	0.9866	0.9798
10.8	0.9978	0.9986	0.9903	0.9106	0.9984	0.9921	0.9894	0.9798
10.9	0.9978	0.9987	0.9893	0.8854	0.9986	0.9927	0.9935	0.9829
11.0	0.9976	0.9986	0.9891	0.8262	0.9987	0.9933	0.9936	0.9769
11.1	0.9982	0.9987	0.9887	0.7108	0.9986	0.9942	0.9924	0.9700
11.2	0.9978	0.9985	0.9865	0.5864	0.9985	0.9948	0.9920	0.9643
11.3	0.9977	0.9983	0.9878	0.5290	0.9987	0.9950	0.9922	0.9521
11.4	0.9980	0.9985	0.9893	0.5359	0.9988	0.9958	0.9918	0.9555
11.5	0.9977	0.9984	0.9855	0.3573	0.9983	0.9957	0.9905	0.9377
11.6	0.9972	0.9981	0.9794	0.2721	0.9977	0.9957	0.9886	0.9225
11.7	0.9971	0.9981	0.9808	0.1452	0.9982	0.9951	0.9863	0.9241
11.8	0.9973	0.9983	0.9820	0.0154	0.9982	0.9973	0.9889	0.9323
11.9	0.9964	0.9978	0.9739	0.0277	0.9982	0.9977	0.9878	0.9319
12.0	0.9976	0.9984	0.9743	0.1342	0.9984	0.9975	0.9888	0.9459
12.1	0.9986	0.9990	0.9844	0.3245	0.9988	0.9977	0.9879	0.9649
12.2	0.9980	0.9987	0.9837	0.4310	0.9987	0.9979	0.9825	0.9510
12.3	0.9974	0.9981	0.9783	0.3736	0.9985	0.9974	0.9688	0.9462
12.4	0.9976	0.9981	0.9732	0.3569	0.9984	0.9965	0.9524	0.9506
12.5	0.9983	0.9987	0.9830	0.3358	0.9987	0.9954	0.9404	0.9554
12.6	0.9984	0.9987	0.9806	0.3851	0.9989	0.9964	0.8946	0.9655
12.7	0.9979	0.9983	0.9770	0.3858	0.9986	0.9947	0.7752	0.9643
12.8	0.9983	0.9986	0.9837	0.3064	0.9979	0.9946	0.4754	0.9635
12.9	0.9980	0.9984	0.9803	0.3983	0.9977	0.9946	0.2538	0.9664
13.0	0.9978	0.9982	0.9794	0.5951	0.9974	0.9941	0.0608	0.9628
13.1	0.9985	0.9987	0.9818	0.7046	0.9983	0.9968	0.4591	0.9783
13.2	0.9981	0.9984	0.9798	0.6837	0.9983	0.9966	0.6378	0.9787
13.3	0.9977	0.9980	0.9780	0.7171	0.9979	0.9970	0.7713	0.9838
13.4	0.9981	0.9984	0.9806	0.7599	0.9979	0.9974	0.7886	0.9881
13.5	0.9977	0.9981	0.9774	0.7448	0.9975	0.9968	0.8492	0.9872
13.6	0.9971	0.9976	0.9766	0.7787	0.9976	0.9969	0.9027	0.9886
13.7	0.9972	0.9976	0.9810	0.8229	0.9979	0.9968	0.8999	0.9899
13.8	0.9981	0.9983	0.9835	0.8918	0.9974	0.9974	0.9181	0.9917
13.9	0.9982	0.9983	0.9858	0.9130	0.9980	0.9973	0.9308	0.9932
14.0	0.9975	0.9978	0.9814	0.8900	0.9978	0.9975	0.9234	0.9931
14.1	0.9976	0.9978	0.9829	0.9363	0.9975	0.9977	0.9450	0.9944
14.2	0.9968	0.9970	0.9850	0.9437	0.9969	0.9972	0.9519	0.9920
14.3	0.9965	0.9967	0.9855	0.9403	0.9962	0.9971	0.9573	0.9937
14.4	0.9964	0.9967	0.9847	0.9448	0.9959	0.9967	0.9660	0.9916
14.5	0.9953	0.9957	0.9766	0.9491	0.9949	0.9959	0.9679	0.9888
14.6	0.9961	0.9964	0.9783	0.9603	0.9958	0.9968	0.9617	0.9909
14.7	0.9964	0.9967	0.9824	0.9601	0.9944	0.9968	0.9523	0.9903
14.8	0.9962	0.9964	0.9864	0.9628	0.9942	0.9965	0.9630	0.9897
14.9	0.9971	0.9973	0.9888	0.9712	0.9952	0.9959	0.9675	0.9945
15.0	0.9931	0.9933	0.9809	0.9684	0.9944	0.9901	0.9581	0.9921
15.1	0.9925	0.9927	0.9780	0.9677	0.9934	0.9939	0.9659	0.9933
15.2	0.9913	0.9915	0.9666	0.9670	0.9908	0.9953	0.9745	0.9925
15.3	0.9917	0.9919	0.9727	0.9703	0.9902	0.9956	0.9802	0.9935
15.4	0.9913	0.9915	0.9646	0.9680	0.9837	0.9937	0.9735	0.9907
15.5	0.9804	0.9806	0.9446	0.9381	0.9727	0.9914	0.9507	0.9840
15.6	0.9846	0.9846	0.9548	0.9586	0.9802	0.9896	0.9563	0.9870
15.7	0.9688	0.9689	0.9185	0.9374	0.9755	0.9871	0.9152	0.9814
15.8	0.9589	0.9593	0.9098	0.9202	0.9711	0.9846	0.8694	0.9772
15.9	0.9688	0.9690	0.9383	0.9424	0.9795	0.9903	0.8906	0.9778
16.0	0.9813	0.9814	0.9558	0.9577	0.9864	0.9941	0.9029	0.9814
16.1	0.9906	0.9904	0.9765	0.9706	0.9863	0.9944	0.8776	0.9846
16.2	0.9922	0.9921	0.9838	0.9728	0.9851	0.9952	0.9000	0.9793
16.3	0.9935	0.9935	0.9758	0.9614	0.9837	0.9932	0.8127	0.9725
16.4	0.9897	0.9897	0.9776	0.9547	0.9823	0.9910	0.5698	0.9710
16.5	0.9877	0.9878	0.9691	0.9638	0.9798	0.9904	0.5730	0.9640

16.6	0.9850	0.9851	0.9684	0.9638	0.9776	0.9833	0.6369	0.9691
16.7	0.9762	0.9764	0.9532	0.9497	0.9703	0.9792	0.6776	0.9567
16.8	0.9742	0.9742	0.9412	0.9471	0.9722	0.9770	0.6617	0.9533
16.9	0.9771	0.9773	0.9371	0.9484	0.9730	0.9790	0.8408	0.9553
17.0	0.9835	0.9836	0.9414	0.9570	0.9809	0.9784	0.8412	0.9545
17.1	0.9867	0.9866	0.9673	0.9747	0.9863	0.9845	0.8224	0.9709
17.2	0.9850	0.9850	0.9588	0.9707	0.9872	0.9807	0.8652	0.9665
17.3	0.9897	0.9897	0.9652	0.9708	0.9907	0.9806	0.9097	0.9604
17.4	0.9937	0.9938	0.9754	0.9718	0.9909	0.9875	0.9420	0.9703
17.5	0.9957	0.9957	0.9804	0.9801	0.9875	0.9911	0.9633	0.9771
17.6	0.9948	0.9948	0.9760	0.9754	0.9877	0.9899	0.9609	0.9778
17.7	0.9954	0.9954	0.9757	0.9811	0.9878	0.9879	0.9773	0.9883
17.8	0.9978	0.9978	0.9874	0.9879	0.9925	0.9925	0.9818	0.9911
17.9	0.9973	0.9973	0.9863	0.9856	0.9906	0.9925	0.9809	0.9889
18.0	0.9965	0.9965	0.9822	0.9822	0.9883	0.9912	0.9824	0.9892
18.1	0.9972	0.9972	0.9856	0.9803	0.9882	0.9928	0.9863	0.9888
18.2	0.9981	0.9980	0.9881	0.9849	0.9895	0.9950	0.9902	0.9906
18.3	0.9977	0.9976	0.9885	0.9796	0.9878	0.9970	0.9891	0.9882
18.4	0.9977	0.9978	0.9874	0.9793	0.9876	0.9975	0.9899	0.9903
18.5	0.9982	0.9982	0.9826	0.9678	0.9805	0.9969	0.9342	0.9861
18.6	0.9989	0.9989	0.9875	0.9815	0.9872	0.9979	0.9101	0.9940
18.7	0.9985	0.9985	0.9846	0.9800	0.9861	0.9979	0.9509	0.9919
18.8	0.9991	0.9990	0.9902	0.9856	0.9903	0.9982	0.9841	0.9931
18.9	0.9985	0.9984	0.9904	0.9822	0.9884	0.9980	0.9900	0.9905
19.0	0.9989	0.9988	0.9911	0.9846	0.9885	0.9975	0.9908	0.9929
19.1	0.9989	0.9988	0.9922	0.9762	0.9870	0.9960	0.9880	0.9920
19.2	0.9986	0.9985	0.9931	0.9719	0.9844	0.9946	0.9851	0.9864
19.3	0.9991	0.9990	0.9939	0.9804	0.9885	0.9958	0.9890	0.9882
19.4	0.9992	0.9991	0.9937	0.9795	0.9853	0.9935	0.9889	0.9857
19.5	0.9990	0.9989	0.9926	0.9656	0.9816	0.9928	0.9847	0.9780
19.6	0.9993	0.9993	0.9935	0.9617	0.9811	0.9932	0.9853	0.9746
19.7	0.9993	0.9992	0.9936	0.9668	0.9796	0.9929	0.9873	0.9629
19.8	0.9995	0.9994	0.9933	0.9468	0.9788	0.9930	0.9856	0.9591
19.9	0.9992	0.9992	0.9897	0.9100	0.9661	0.9932	0.9823	0.9037
20.0	0.9991	0.9991	0.9912	0.8583	0.9629	0.9908	0.9859	0.8266
20.1	0.9992	0.9991	0.9935	0.8414	0.9607	0.9932	0.9867	0.6636
20.2	0.9995	0.9994	0.9952	0.8762	0.9667	0.9943	0.9898	0.5263
20.3	0.9993	0.9991	0.9942	0.8546	0.9450	0.9921	0.9899	0.4065
20.4	0.9995	0.9993	0.9947	0.8258	0.9322	0.9922	0.9898	0.4867
20.5	0.9993	0.9993	0.9941	0.7991	0.9204	0.9934	0.9902	0.5924
20.6	0.9992	0.9991	0.9921	0.7370	0.9240	0.9922	0.9872	0.7482
20.7	0.9994	0.9993	0.9914	0.6572	0.9358	0.9907	0.9867	0.8865
20.8	0.9995	0.9994	0.9933	0.5845	0.9420	0.9936	0.9872	0.9132
20.9	0.9994	0.9992	0.9931	0.5012	0.9368	0.9871	0.9840	0.9297
21.0	0.9992	0.9991	0.9886	0.4387	0.9391	0.9834	0.9819	0.9358
21.1	0.9993	0.9993	0.9889	0.3761	0.9277	0.9854	0.9816	0.9481
21.2	0.9993	0.9993	0.9889	0.3421	0.9133	0.9814	0.9774	0.9458
21.3	0.9994	0.9995	0.9894	0.4313	0.9178	0.9800	0.9747	0.9539
21.4	0.9995	0.9995	0.9891	0.3310	0.9351	0.9807	0.9799	0.9608
21.5	0.9993	0.9993	0.9868	0.0885	0.9253	0.9820	0.9747	0.9603
21.6	0.9994	0.9995	0.9908	0.0414	0.9272	0.9854	0.9731	0.9654
21.7	0.9995	0.9995	0.9914	0.0872	0.9311	0.9818	0.9837	0.9698
21.8	0.9993	0.9993	0.9893	0.1864	0.9198	0.9810	0.9788	0.9567
21.9	0.9992	0.9993	0.9887	0.2934	0.9141	0.9769	0.9760	0.9606
22.0	0.9993	0.9993	0.9867	0.4394	0.8689	0.9792	0.9720	0.9509
22.1	0.9993	0.9992	0.9868	0.5113	0.8667	0.9803	0.9775	0.9551
22.2	0.9994	0.9994	0.9894	0.5873	0.9283	0.9797	0.9823	0.9695
22.3	0.9993	0.9992	0.9891	0.6090	0.9031	0.9759	0.9815	0.9601
22.4	0.9994	0.9994	0.9907	0.6239	0.9071	0.9769	0.9828	0.9657
22.5	0.9993	0.9994	0.9900	0.6699	0.9059	0.9809	0.9811	0.9697
22.6	0.9991	0.9994	0.9912	0.7300	0.9047	0.9743	0.9834	0.9697
22.7	0.9994	0.9996	0.9926	0.7921	0.8942	0.9773	0.9884	0.9723
22.8	0.9992	0.9994	0.9914	0.8249	0.8981	0.9730	0.9855	0.9705
22.9	0.9991	0.9991	0.9883	0.7653	0.8649	0.9615	0.9800	0.9573
23.0	0.9991	0.9991	0.9847	0.7595	0.8449	0.9611	0.9811	0.9542
23.1	0.9994	0.9994	0.9860	0.7927	0.8566	0.9683	0.9820	0.9610
23.2	0.9994	0.9994	0.9891	0.7682	0.8248	0.9733	0.9844	0.9601
23.3	0.9992	0.9994	0.9875	0.7776	0.8122	0.9731	0.9796	0.9583
23.4	0.9994	0.9995	0.9891	0.8435	0.7429	0.9628	0.9835	0.9404
23.5	0.9995	0.9995	0.9900	0.8566	0.7559	0.9746	0.9847	0.9486
23.6	0.9994	0.9994	0.9865	0.8390	0.7496	0.9686	0.9820	0.9437
23.7	0.9992	0.9993	0.9865	0.8258	0.6688	0.9636	0.9822	0.9369
23.8	0.9991	0.9993	0.9896	0.8601	0.6868	0.9754	0.9875	0.9431
23.9	0.9993	0.9995	0.9891	0.8371	0.7327	0.9595	0.9889	0.9434
24.0	0.9993	0.9994	0.9901	0.8220	0.7839	0.9690	0.9863	0.9501
24.1	0.9993	0.9994	0.9913	0.8489	0.7965	0.9599	0.9843	0.9416
24.2	0.9986	0.9992	0.9884	0.7872	0.6731	0.9378	0.9759	0.9177
24.3	0.9985	0.9991	0.9836	0.7506	0.6265	0.9527	0.9792	0.9295
24.4	0.9989	0.9994	0.9858	0.8040	0.7334	0.9620	0.9831	0.9412
24.5	0.9987	0.9993	0.9888	0.8167	0.7839	0.9460	0.9847	0.9426
24.6	0.9988	0.9995	0.9893	0.8102	0.7943	0.9465	0.9858	0.9515
24.7	0.9988	0.9995	0.9890	0.8088	0.8074	0.9496	0.9854	0.9621
24.8	0.9989	0.9996	0.9879	0.8233	0.8303	0.9682	0.9869	0.9541
24.9	0.9984	0.9993	0.9832	0.7441	0.7824	0.9463	0.9810	0.9292
25.0	0.9986	0.9994	0.9885	0.7685	0.8010	0.9378	0.9829	0.9365
25.1	0.9987	0.9995	0.9908	0.8410	0.8422	0.9493	0.9834	0.9509

25.2	0.9986	0.9995	0.9889	0.8280	0.8310	0.9274	0.9812	0.9306
25.3	0.9981	0.9994	0.9870	0.7598	0.8042	0.8941	0.9820	0.8972
25.4	0.9982	0.9995	0.9877	0.7609	0.7635	0.9026	0.9801	0.9006
25.5	0.9979	0.9995	0.9891	0.7831	0.7595	0.9021	0.9758	0.9080
25.6	0.9981	0.9995	0.9913	0.7572	0.8086	0.9087	0.9767	0.9200
25.7	0.9974	0.9995	0.9868	0.6946	0.7210	0.8646	0.9733	0.9089
25.8	0.9978	0.9996	0.9896	0.7752	0.7927	0.8905	0.9824	0.9264
25.9	0.9978	0.9996	0.9913	0.7739	0.7666	0.8978	0.9827	0.9115
26.0	0.9974	0.9995	0.9897	0.7110	0.6358	0.8993	0.9773	0.8691
26.1	0.9979	0.9996	0.9898	0.7637	0.6333	0.8839	0.9723	0.8550
26.2	0.9981	0.9996	0.9886	0.7892	0.5174	0.8739	0.9734	0.8443
26.3	0.9975	0.9994	0.9869	0.7889	0.5356	0.8864	0.9708	0.8189
26.4	0.9977	0.9995	0.9900	0.8638	0.6120	0.8993	0.9672	0.8045
26.5	0.9972	0.9995	0.9903	0.8288	0.5157	0.8981	0.9581	0.7312
26.6	0.9974	0.9996	0.9908	0.8442	0.7093	0.9251	0.9598	0.7690
26.7	0.9969	0.9995	0.9883	0.8514	0.6625	0.9179	0.9608	0.8069
26.8	0.9956	0.9995	0.9884	0.8042	0.5475	0.9300	0.9579	0.7532
26.9	0.9961	0.9995	0.9870	0.7804	0.5964	0.9421	0.9455	0.7534
27.0	0.9962	0.9996	0.9899	0.7976	0.5019	0.9406	0.9509	0.7775
27.1	0.9951	0.9995	0.9884	0.7548	0.2600	0.9300	0.9407	0.7598
27.2	0.9955	0.9996	0.9910	0.8078	0.2783	0.9484	0.9543	0.8247
27.3	0.9950	0.9995	0.9852	0.7955	0.2590	0.9435	0.9601	0.7889
27.4	0.9946	0.9996	0.9815	0.7677	0.1389	0.9524	0.9545	0.7785
27.5	0.9944	0.9995	0.9852	0.7701	0.0693	0.9528	0.9570	0.7528
27.6	0.9957	0.9996	0.9889	0.8640	0.0260	0.9657	0.9587	0.7408
27.7	0.9919	0.9995	0.9807	0.8076	0.0055	0.9545	0.9513	0.7268
27.8	0.9944	0.9996	0.9836	0.8086	0.0538	0.9654	0.9677	0.7862
27.9	0.9946	0.9995	0.9883	0.7882	0.1219	0.9568	0.9616	0.7321
28.0	0.9912	0.9991	0.9756	0.6842	0.2111	0.9265	0.9248	0.6553
28.1	0.9931	0.9993	0.9792	0.7444	0.2943	0.9247	0.9170	0.6876
28.2	0.9929	0.9992	0.9810	0.7369	0.2869	0.9069	0.9040	0.6555
28.3	0.9938	0.9993	0.9809	0.7378	0.4704	0.9163	0.9353	0.7134
28.4	0.9893	0.9994	0.9809	0.7283	0.4837	0.9028	0.9102	0.6203
28.5	0.9902	0.9994	0.9855	0.7307	0.4114	0.8754	0.9013	0.6758
28.6	0.9917	0.9994	0.9831	0.7301	0.3715	0.8389	0.8937	0.6582
28.7	0.9835	0.9992	0.9720	0.6535	0.4374	0.7648	0.8566	0.6828
28.8	0.9829	0.9992	0.9707	0.6479	0.4626	0.6936	0.8441	0.6270
28.9	0.9896	0.9993	0.9778	0.7326	0.3965	0.7097	0.8368	0.6188
29.0	0.9880	0.9994	0.9787	0.7005	0.4253	0.7042	0.7940	0.6803
29.1	0.9899	0.9995	0.9818	0.6557	0.6490	0.7935	0.8765	0.7547
29.2	0.9909	0.9995	0.9872	0.7465	0.6302	0.7639	0.8639	0.7749
29.3	0.9841	0.9993	0.9775	0.7477	0.4410	0.6274	0.7276	0.7054
29.4	0.9813	0.9994	0.9735	0.7580	0.4393	0.6403	0.7273	0.7573
29.5	0.9822	0.9995	0.9788	0.7355	0.4403	0.6381	0.7297	0.7722
29.6	0.9875	0.9995	0.9760	0.7950	0.5523	0.6797	0.7977	0.8153
29.7	0.9872	0.9995	0.9791	0.7481	0.6809	0.7253	0.8251	0.8130
29.8	0.9912	0.9996	0.9842	0.7835	0.6673	0.7913	0.8406	0.8339
29.9	0.9875	0.9995	0.9794	0.7480	0.5386	0.7185	0.6043	0.7637
30.0	0.9842	0.9994	0.9723	0.6841	0.4384	0.6600	0.5208	0.7217
30.1	0.9771	0.9995	0.9728	0.6730	0.5194	0.6877	0.7388	0.7620
30.2	0.9734	0.9994	0.9738	0.6824	0.5314	0.6232	0.7124	0.7432
30.3	0.9702	0.9995	0.9771	0.6824	0.5760	0.6093	0.6780	0.7220
30.4	0.9779	0.9995	0.9858	0.8049	0.6185	0.7040	0.7667	0.8486
30.5	0.9780	0.9996	0.9828	0.8354	0.5809	0.7158	0.7278	0.8638
30.6	0.9723	0.9993	0.9732	0.7594	0.5511	0.6582	0.6754	0.8102
30.7	0.9728	0.9995	0.9750	0.7361	0.5629	0.6973	0.6862	0.7957
30.8	0.9723	0.9995	0.9763	0.7933	0.5944	0.7088	0.7101	0.8206
30.9	0.9539	0.9995	0.9727	0.7914	0.5663	0.6751	0.6751	0.8204
31.0	0.9492	0.9993	0.9647	0.7857	0.6353	0.5751	0.7476	0.8620
31.1	0.9551	0.9992	0.9690	0.7937	0.5948	0.5874	0.7293	0.8550
31.2	0.9424	0.9992	0.9670	0.7342	0.5477	0.5685	0.6869	0.7767
31.3	0.9250	0.9991	0.9674	0.7089	0.5158	0.4764	0.6328	0.7666
31.4	0.9455	0.9993	0.9767	0.7046	0.5553	0.5308	0.6737	0.8210
31.5	0.9336	0.9993	0.9712	0.7087	0.6283	0.5149	0.6994	0.8370
31.6	0.9326	0.9994	0.9729	0.7776	0.5313	0.5159	0.6564	0.8027
31.7	0.9191	0.9991	0.9705	0.7561	0.5651	0.5426	0.6863	0.7844
31.8	0.9325	0.9991	0.9675	0.7820	0.6963	0.6120	0.7817	0.8525
31.9	0.9029	0.9989	0.9602	0.7119	0.5611	0.5414	0.6925	0.7994
32.0	0.8937	0.9990	0.9666	0.7105	0.6040	0.6577	0.7082	0.8321
32.1	0.9214	0.9993	0.9691	0.7932	0.7412	0.7495	0.8348	0.8995
32.2	0.9156	0.9994	0.9666	0.8077	0.7677	0.7655	0.8476	0.8964
32.3	0.9011	0.9990	0.9517	0.7205	0.7022	0.7354	0.7884	0.8155
32.4	0.9369	0.9993	0.9627	0.7712	0.7480	0.8089	0.8201	0.8694
32.5	0.9256	0.9993	0.9681	0.8224	0.6803	0.8370	0.8139	0.8919
32.6	0.9151	0.9991	0.9592	0.8062	0.6423	0.8326	0.8112	0.8804
32.7	0.9209	0.9992	0.9655	0.8304	0.7257	0.8444	0.8721	0.9100
32.8	0.8649	0.9991	0.9697	0.8201	0.7139	0.8115	0.8256	0.8665
32.9	0.8508	0.9990	0.9627	0.7634	0.7180	0.8320	0.7727	0.8512
33.0	0.8827	0.9992	0.9608	0.8111	0.7538	0.8396	0.8301	0.8905
33.1	0.8807	0.9988	0.9570	0.8053	0.7315	0.7331	0.8160	0.8927
33.2	0.8484	0.9984	0.9382	0.7773	0.7454	0.7419	0.7821	0.8516
33.3	0.8263	0.9988	0.9450	0.8071	0.7420	0.7884	0.7801	0.8376
33.4	0.8196	0.9989	0.9508	0.8286	0.7440	0.7784	0.8128	0.8352
33.5	0.8251	0.9991	0.9539	0.8252	0.7650	0.7579	0.8144	0.8403
33.6	0.7539	0.9985	0.9204	0.7515	0.6838	0.6453	0.6957	0.7737
33.7	0.7628	0.9986	0.9359	0.7894	0.7075	0.7052	0.6933	0.7810

33.8	0.7945	0.9983	0.9413	0.8071	0.7007	0.7031	0.7507	0.7682
33.9	0.7134	0.9989	0.9463	0.7281	0.5536	0.6965	0.6453	0.7610
34.0	0.8040	0.9990	0.9445	0.8200	0.6037	0.7839	0.6681	0.8091
34.1	0.8294	0.9990	0.9352	0.8151	0.5735	0.7142	0.7001	0.7773
34.2	0.7913	0.9987	0.9236	0.7833	0.4678	0.7347	0.5725	0.7383
34.3	0.7650	0.9989	0.9447	0.8130	0.6029	0.7601	0.6166	0.7743
34.4	0.7480	0.9991	0.9570	0.8469	0.6145	0.7242	0.6360	0.7840
34.5	0.6838	0.9988	0.9412	0.8139	0.5988	0.6942	0.5696	0.8098
34.6	0.6925	0.9990	0.9441	0.8445	0.6254	0.6754	0.6020	0.8446
34.7	0.7449	0.9989	0.9422	0.8368	0.5876	0.7328	0.5445	0.8223
34.8	0.7316	0.9984	0.9201	0.8345	0.6122	0.7419	0.4619	0.8189
34.9	0.7738	0.9989	0.9493	0.8544	0.6865	0.8472	0.5248	0.8792
35.0	0.7416	0.9989	0.9449	0.8439	0.7377	0.8720	0.5548	0.8516
35.1	0.6488	0.9987	0.9397	0.8403	0.7591	0.8380	0.5770	0.8331
35.2	0.6680	0.9986	0.9496	0.8390	0.7760	0.8755	0.5594	0.8728
35.3	0.6051	0.9987	0.9385	0.8008	0.7577	0.8974	0.5554	0.8809
35.4	0.5396	0.9986	0.9354	0.7560	0.7274	0.8840	0.4687	0.8666
35.5	0.6183	0.9982	0.9389	0.7776	0.7062	0.8884	0.4198	0.8773
35.6	0.5940	0.9975	0.9223	0.7860	0.7465	0.8808	0.4734	0.8926
35.7	0.4944	0.9975	0.9406	0.7899	0.7854	0.8813	0.5399	0.8855
35.8	0.5383	0.9981	0.9451	0.8075	0.7456	0.9114	0.5685	0.8836
35.9	0.5597	0.9982	0.9362	0.8287	0.8101	0.9325	0.6359	0.9141
36.0	0.6441	0.9981	0.9345	0.8673	0.8291	0.9363	0.6674	0.9146
36.1	0.7099	0.9984	0.9521	0.8571	0.8401	0.9376	0.6543	0.9102
36.2	0.6545	0.9982	0.9619	0.8695	0.8661	0.9410	0.7066	0.9217
36.3	0.5470	0.9977	0.9576	0.8442	0.8384	0.9363	0.6635	0.9011
36.4	0.6337	0.9977	0.9539	0.8785	0.8565	0.9450	0.6919	0.9060
36.5	0.6404	0.9983	0.9532	0.8871	0.9121	0.9609	0.7640	0.9281
36.6	0.4320	0.9974	0.9272	0.8561	0.8739	0.9195	0.7123	0.9057
36.7	0.4408	0.9974	0.9363	0.8778	0.8713	0.9035	0.7318	0.9066
36.8	0.5100	0.9968	0.9369	0.8758	0.8616	0.9145	0.7556	0.9063
36.9	0.4867	0.9963	0.9401	0.8329	0.8534	0.9180	0.7004	0.8950
37.0	0.5726	0.9974	0.9443	0.8835	0.8789	0.9206	0.7793	0.9229
37.1	0.5942	0.9977	0.9509	0.9144	0.9115	0.9322	0.8483	0.9431
37.2	0.5129	0.9967	0.9460	0.8994	0.9126	0.9256	0.8335	0.9396
37.3	0.5039	0.9967	0.9458	0.9172	0.9286	0.9063	0.8585	0.9534
37.4	0.4401	0.9947	0.9366	0.8788	0.9137	0.8687	0.8545	0.9452
37.5	0.4730	0.9951	0.9390	0.8955	0.9096	0.8530	0.8584	0.9437
37.6	0.5995	0.9963	0.9579	0.9474	0.9413	0.8923	0.9109	0.9576
37.7	0.6246	0.9965	0.9445	0.9433	0.9266	0.8937	0.9026	0.9398
37.8	0.5162	0.9963	0.9387	0.9483	0.9221	0.8747	0.9034	0.9332
37.9	0.4262	0.9951	0.9382	0.9391	0.9280	0.8426	0.8937	0.9358
38.0	0.3680	0.9944	0.9303	0.9510	0.9334	0.8387	0.9141	0.9428
38.1	0.4220	0.9929	0.9128	0.9537	0.9183	0.8306	0.8984	0.9312
38.2	0.4769	0.9934	0.9268	0.9585	0.9280	0.8219	0.9060	0.9368
38.3	0.5463	0.9940	0.9436	0.9628	0.9403	0.7728	0.9219	0.9467
38.4	0.6579	0.9954	0.9520	0.9734	0.9484	0.7891	0.9467	0.9527
38.5	0.5989	0.9941	0.9357	0.9701	0.9470	0.7814	0.9484	0.9524
38.6	0.4618	0.9930	0.9395	0.9604	0.9375	0.6566	0.9203	0.9389
38.7	0.5484	0.9943	0.9641	0.9739	0.9662	0.7137	0.9501	0.9615
38.8	0.4863	0.9915	0.9452	0.9636	0.9536	0.5828	0.9388	0.9583
38.9	0.5709	0.9886	0.9347	0.9530	0.9282	0.3856	0.9011	0.9427
39.0	0.6392	0.9920	0.9431	0.9679	0.9367	0.4294	0.9126	0.9452
39.1	0.5824	0.9918	0.9357	0.9723	0.9512	0.3484	0.9424	0.9529
39.2	0.5256	0.9889	0.9209	0.9671	0.9462	0.1220	0.9330	0.9452
39.3	0.5509	0.9904	0.9310	0.9719	0.9559	0.1895	0.9441	0.9551
39.4	0.5397	0.9909	0.9435	0.9764	0.9696	0.3446	0.9591	0.9645
39.5	0.5859	0.9867	0.9419	0.9738	0.9698	0.3888	0.9552	0.9617
39.6	0.6526	0.9895	0.9358	0.9791	0.9714	0.3965	0.9522	0.9678
39.7	0.6973	0.9893	0.9232	0.9805	0.9715	0.5821	0.9460	0.9676
39.8	0.7160	0.9871	0.9121	0.9710	0.9710	0.7554	0.9278	0.9630
39.9	0.6925	0.9842	0.9237	0.9697	0.9796	0.8792	0.9516	0.9682
40.0	0.6337	0.9794	0.9155	0.9709	0.9784	0.8644	0.9479	0.9684
40.1	0.6537	0.9833	0.9185	0.9686	0.9775	0.9099	0.9323	0.9665
40.2	0.7192	0.9819	0.9140	0.9691	0.9784	0.8948	0.9435	0.9663
40.3	0.7736	0.9742	0.9279	0.9729	0.9844	0.9261	0.9465	0.9724
40.4	0.7397	0.9681	0.9234	0.9748	0.9857	0.9213	0.9490	0.9752
40.5	0.7278	0.9647	0.9126	0.9734	0.9865	0.9264	0.9442	0.9757
40.6	0.6291	0.9493	0.8718	0.9572	0.9826	0.9216	0.9285	0.9665
40.7	0.5797	0.9420	0.8666	0.9492	0.9854	0.9134	0.9082	0.9712
40.8	0.6120	0.9504	0.8861	0.9509	0.9880	0.9386	0.9202	0.9722
40.9	0.7437	0.9328	0.9051	0.9721	0.9907	0.9517	0.9493	0.9791
41.0	0.7854	0.9322	0.9080	0.9700	0.9910	0.9479	0.9382	0.9834
41.1	0.6531	0.9039	0.8842	0.9430	0.9905	0.9570	0.9256	0.9827
41.2	0.6098	0.8531	0.9005	0.9444	0.9909	0.9611	0.9135	0.9817
41.3	0.6667	0.8722	0.9081	0.9444	0.9926	0.9650	0.9380	0.9839
41.4	0.7307	0.8472	0.9139	0.9552	0.9940	0.9687	0.9411	0.9876
41.5	0.7950	0.8045	0.9079	0.9541	0.9950	0.9619	0.9176	0.9868
41.6	0.7654	0.7558	0.8769	0.9460	0.9932	0.9666	0.9179	0.9854
41.7	0.6824	0.6830	0.8429	0.9477	0.9927	0.9638	0.9107	0.9847
41.8	0.7309	0.6858	0.8767	0.9495	0.9924	0.9706	0.8825	0.9834
41.9	0.7342	0.6745	0.8563	0.9305	0.9915	0.9634	0.8295	0.9847
42.0	0.7684	0.7296	0.8500	0.9203	0.9935	0.9667	0.8311	0.9870
42.1	0.8249	0.7559	0.8660	0.9533	0.9967	0.9725	0.8960	0.9906
42.2	0.7754	0.7755	0.8707	0.9379	0.9946	0.9735	0.8642	0.9873
42.3	0.7628	0.8348	0.8510	0.9048	0.9918	0.9654	0.8178	0.9816

42.4	0.7472	0.8559	0.8352	0.9183	0.9929	0.9755	0.8357	0.9828
42.5	0.8171	0.8964	0.8874	0.9366	0.9934	0.9811	0.8489	0.9829
42.6	0.8247	0.9103	0.8856	0.9481	0.9944	0.9792	0.8467	0.9835
42.7	0.8202	0.9332	0.8920	0.9432	0.9952	0.9817	0.8881	0.9860
42.8	0.8227	0.9246	0.8560	0.9303	0.9948	0.9815	0.8497	0.9856
42.9	0.8087	0.9310	0.8407	0.9366	0.9958	0.9805	0.7962	0.9858
43.0	0.7802	0.9519	0.8555	0.9320	0.9952	0.9768	0.7566	0.9884
43.1	0.7295	0.9446	0.8611	0.9206	0.9937	0.9789	0.7285	0.9842
43.2	0.8214	0.9666	0.8734	0.9340	0.9961	0.9792	0.7913	0.9864
43.3	0.8442	0.9732	0.8125	0.9300	0.9958	0.9812	0.8344	0.9874
43.4	0.8436	0.9728	0.8061	0.9150	0.9965	0.9846	0.8762	0.9910
43.5	0.8358	0.9795	0.8099	0.9162	0.9968	0.9811	0.8534	0.9922
43.6	0.8232	0.9763	0.7958	0.9188	0.9961	0.9834	0.8355	0.9887
43.7	0.8314	0.9776	0.7886	0.9160	0.9956	0.9849	0.8422	0.9871
43.8	0.8140	0.9748	0.7927	0.8954	0.9942	0.9776	0.8716	0.9848
43.9	0.8809	0.9865	0.8666	0.9223	0.9965	0.9863	0.9179	0.9935
44.0	0.8766	0.9867	0.8637	0.9301	0.9968	0.9893	0.9258	0.9940
44.1	0.8165	0.9810	0.7390	0.8582	0.9953	0.9876	0.9208	0.9900
44.2	0.8668	0.9863	0.6844	0.9020	0.9958	0.9830	0.9251	0.9895
44.3	0.8745	0.9880	0.7161	0.9064	0.9971	0.9859	0.9307	0.9922
44.4	0.8751	0.9886	0.5635	0.8996	0.9977	0.9842	0.9220	0.9902
44.5	0.8685	0.9894	0.5043	0.9136	0.9976	0.9870	0.9075	0.9907
44.6	0.8985	0.9903	0.6101	0.9173	0.9965	0.9847	0.9136	0.9901
44.7	0.9122	0.9917	0.4768	0.9060	0.9958	0.9867	0.9190	0.9880
44.8	0.8312	0.9860	0.3945	0.8776	0.9958	0.9831	0.9125	0.9901
44.9	0.8616	0.9892	0.5092	0.8962	0.9969	0.9812	0.9252	0.9911
45.0	0.9236	0.9938	0.5364	0.8919	0.9970	0.9866	0.9511	0.9913
45.1	0.9160	0.9950	0.4987	0.8860	0.9975	0.9883	0.9469	0.9932
45.2	0.9002	0.9929	0.4730	0.8926	0.9977	0.9893	0.9442	0.9943
45.3	0.8942	0.9924	0.3295	0.9011	0.9975	0.9873	0.9444	0.9930
45.4	0.9001	0.9952	0.2734	0.9047	0.9974	0.9850	0.9639	0.9924
45.5	0.8796	0.9916	0.1888	0.8995	0.9978	0.9862	0.9687	0.9935
45.6	0.8901	0.9914	0.0621	0.9000	0.9971	0.9906	0.9564	0.9910
45.7	0.8824	0.9922	0.0420	0.8749	0.9966	0.9886	0.9429	0.9889
45.8	0.8894	0.9943	0.0894	0.8799	0.9966	0.9891	0.9570	0.9881
45.9	0.9257	0.9957	0.0009	0.9182	0.9974	0.9913	0.9589	0.9916
46.0	0.9388	0.9959	0.0339	0.9365	0.9969	0.9897	0.9479	0.9908
46.1	0.9017	0.9930	0.0444	0.9121	0.9964	0.9877	0.9331	0.9858
46.2	0.8997	0.9941	0.3640	0.9231	0.9968	0.9903	0.9435	0.9828
46.3	0.9154	0.9952	0.5098	0.9134	0.9967	0.9887	0.9625	0.9826
46.4	0.9179	0.9952	0.3975	0.9262	0.9973	0.9884	0.9687	0.9913
46.5	0.9202	0.9959	0.6047	0.9336	0.9969	0.9894	0.9636	0.9921
46.6	0.9272	0.9956	0.7178	0.9168	0.9973	0.9909	0.9764	0.9933
46.7	0.9332	0.9963	0.7885	0.9072	0.9966	0.9899	0.9768	0.9915
46.8	0.9184	0.9960	0.8017	0.8728	0.9961	0.9888	0.9791	0.9906
46.9	0.9078	0.9959	0.7978	0.8851	0.9957	0.9879	0.9714	0.9888
47.0	0.9369	0.9974	0.8081	0.9398	0.9970	0.9912	0.9760	0.9912
47.1	0.9481	0.9975	0.8320	0.9041	0.9968	0.9896	0.9696	0.9899
47.2	0.9343	0.9966	0.8904	0.8911	0.9964	0.9895	0.9766	0.9887
47.3	0.9394	0.9971	0.8762	0.8993	0.9962	0.9935	0.9801	0.9897
47.4	0.9331	0.9966	0.8648	0.9201	0.9954	0.9929	0.9775	0.9894
47.5	0.9350	0.9976	0.8962	0.9219	0.9973	0.9946	0.9840	0.9939
47.6	0.9353	0.9972	0.8955	0.9197	0.9971	0.9954	0.9845	0.9942
47.7	0.9352	0.9965	0.8650	0.9211	0.9960	0.9911	0.9809	0.9926
47.8	0.9208	0.9963	0.8475	0.9026	0.9961	0.9882	0.9826	0.9897
47.9	0.9163	0.9965	0.9004	0.9278	0.9969	0.9919	0.9827	0.9877
48.0	0.9304	0.9964	0.9207	0.9214	0.9967	0.9912	0.9837	0.9871
48.1	0.9386	0.9972	0.9327	0.9305	0.9967	0.9912	0.9837	0.9904
48.2	0.9302	0.9963	0.9343	0.9136	0.9951	0.9867	0.9836	0.9889
48.3	0.9375	0.9970	0.9328	0.9239	0.9959	0.9860	0.9882	0.9902
48.4	0.9348	0.9967	0.9337	0.9129	0.9964	0.9892	0.9901	0.9914
48.5	0.9383	0.9973	0.9317	0.9224	0.9957	0.9868	0.9892	0.9893
48.6	0.9511	0.9978	0.9420	0.9422	0.9971	0.9884	0.9893	0.9888
48.7	0.9333	0.9975	0.9221	0.9307	0.9962	0.9833	0.9918	0.9887
48.8	0.9319	0.9966	0.9279	0.9058	0.9957	0.9866	0.9894	0.9840
48.9	0.9314	0.9967	0.9114	0.8982	0.9955	0.9819	0.9862	0.9831
49.0	0.9379	0.9966	0.9187	0.9210	0.9958	0.9829	0.9872	0.9838
49.1	0.9364	0.9971	0.9470	0.9034	0.9947	0.9805	0.9848	0.9801
49.2	0.9361	0.9970	0.9467	0.8947	0.9929	0.9735	0.9801	0.9752
49.3	0.9469	0.9968	0.9500	0.9281	0.9955	0.9808	0.9871	0.9852
49.4	0.9507	0.9972	0.9488	0.9424	0.9948	0.9796	0.9866	0.9774
49.5	0.9400	0.9963	0.9407	0.9210	0.9933	0.9741	0.9859	0.9682
49.6	0.9428	0.9966	0.9566	0.9142	0.9933	0.9788	0.9855	0.9739
49.7	0.9615	0.9980	0.9660	0.9274	0.9954	0.9839	0.9892	0.9797
49.8	0.9612	0.9977	0.9545	0.9348	0.9957	0.9860	0.9890	0.9786
49.9	0.9438	0.9962	0.9399	0.9043	0.9941	0.9787	0.9871	0.9675
50.0	0.9436	0.9965	0.9564	0.9044	0.9948	0.9845	0.9878	0.9710
50.1	0.9342	0.9957	0.9305	0.8904	0.9931	0.9763	0.9849	0.9687
50.2	0.9456	0.9972	0.9597	0.9102	0.9936	0.9762	0.9875	0.9702
50.3	0.9672	0.9982	0.9664	0.9395	0.9944	0.9792	0.9895	0.9766
50.4	0.9712	0.9977	0.9665	0.9383	0.9938	0.9838	0.9895	0.9744
50.5	0.9560	0.9974	0.9595	0.9170	0.9936	0.9805	0.9905	0.9736
50.6	0.9503	0.9971	0.9541	0.9042	0.9949	0.9798	0.9903	0.9762
50.7	0.9657	0.9974	0.9657	0.9211	0.9946	0.9834	0.9900	0.9722
50.8	0.9605	0.9968	0.9611	0.9019	0.9931	0.9775	0.9892	0.9691
50.9	0.9554	0.9970	0.9641	0.9104	0.9930	0.9653	0.9887	0.9665

51.0	0.9632	0.9972	0.9685	0.9210	0.9937	0.9673	0.9891	0.9655
51.1	0.9563	0.9965	0.9734	0.9233	0.9936	0.9702	0.9884	0.9684
51.2	0.9574	0.9972	0.9765	0.8973	0.9954	0.9758	0.9917	0.9741
51.3	0.9615	0.9979	0.9715	0.9049	0.9957	0.9790	0.9937	0.9814
51.4	0.9592	0.9974	0.9655	0.8925	0.9935	0.9760	0.9901	0.9749
51.5	0.9577	0.9971	0.9703	0.8923	0.9947	0.9702	0.9917	0.9751
51.6	0.9651	0.9974	0.9818	0.9091	0.9950	0.9756	0.9939	0.9790
51.7	0.9639	0.9968	0.9771	0.9007	0.9950	0.9715	0.9936	0.9740
51.8	0.9764	0.9980	0.9771	0.9127	0.9948	0.9769	0.9928	0.9689
51.9	0.9640	0.9973	0.9732	0.8934	0.9944	0.9714	0.9932	0.9708
52.0	0.9623	0.9972	0.9654	0.8963	0.9932	0.9773	0.9914	0.9669
52.1	0.9707	0.9978	0.9768	0.9123	0.9947	0.9788	0.9929	0.9728
52.2	0.9720	0.9979	0.9749	0.9144	0.9943	0.9765	0.9929	0.9776
52.3	0.9660	0.9974	0.9723	0.8966	0.9946	0.9815	0.9929	0.9733
52.4	0.9651	0.9972	0.9751	0.8801	0.9944	0.9728	0.9921	0.9654
52.5	0.9631	0.9972	0.9769	0.8708	0.9941	0.9715	0.9925	0.9635
52.6	0.9699	0.9979	0.9825	0.9026	0.9961	0.9773	0.9947	0.9702
52.7	0.9743	0.9979	0.9761	0.9150	0.9945	0.9671	0.9929	0.9543
52.8	0.9746	0.9972	0.9817	0.9228	0.9947	0.9617	0.9940	0.9529
52.9	0.9651	0.9972	0.9779	0.8773	0.9940	0.9519	0.9924	0.9419
53.0	0.9658	0.9969	0.9745	0.8859	0.9940	0.9550	0.9935	0.9396
53.1	0.9549	0.9966	0.9761	0.8651	0.9926	0.9593	0.9918	0.9259
53.2	0.9541	0.9968	0.9750	0.8394	0.9930	0.9697	0.9925	0.9544
53.3	0.9646	0.9977	0.9733	0.8523	0.9940	0.9651	0.9940	0.9110
53.4	0.9678	0.9975	0.9689	0.8687	0.9936	0.9652	0.9934	0.7905
53.5	0.9660	0.9975	0.9712	0.8602	0.9949	0.9752	0.9941	0.7457
53.6	0.9639	0.9971	0.9665	0.8625	0.9946	0.9709	0.9941	0.7958
53.7	0.9695	0.9977	0.9736	0.9102	0.9967	0.9781	0.9959	0.7405
53.8	0.9713	0.9973	0.9750	0.8957	0.9969	0.9683	0.9964	0.1890
53.9	0.9722	0.9976	0.9730	0.8608	0.9949	0.9528	0.9955	0.3810
54.0	0.9732	0.9976	0.9754	0.8579	0.9960	0.9650	0.9959	0.6810
54.1	0.9595	0.9970	0.9618	0.7635	0.9944	0.9596	0.9949	0.4863
54.2	0.9495	0.9965	0.9496	0.7428	0.9908	0.9436	0.9921	0.2081
54.3	0.9692	0.9971	0.9604	0.8253	0.9944	0.9504	0.9954	0.1530
54.4	0.9754	0.9975	0.9624	0.8865	0.9946	0.9612	0.9945	0.2318
54.5	0.9724	0.9974	0.9622	0.9228	0.9946	0.9704	0.9945	0.6865
54.6	0.9499	0.9959	0.9550	0.8535	0.9953	0.9698	0.9949	0.7917
54.7	0.9566	0.9967	0.9619	0.8657	0.9954	0.9623	0.9953	0.8173
54.8	0.9681	0.9974	0.9493	0.9149	0.9951	0.9535	0.9960	0.8160
54.9	0.9748	0.9975	0.9630	0.9241	0.9964	0.9592	0.9967	0.8404
55.0	0.9671	0.9967	0.9640	0.9091	0.9953	0.9715	0.9952	0.8216
55.1	0.9704	0.9970	0.9548	0.8983	0.9962	0.9749	0.9957	0.8581
55.2	0.9584	0.9964	0.9531	0.8956	0.9960	0.9800	0.9960	0.8773
55.3	0.9578	0.9962	0.9372	0.8869	0.9939	0.9827	0.9944	0.9059
55.4	0.9686	0.9973	0.9628	0.9059	0.9946	0.9804	0.9956	0.9209
55.5	0.9646	0.9964	0.9631	0.8844	0.9953	0.9658	0.9963	0.9147
55.6	0.9684	0.9975	0.9665	0.9198	0.9960	0.9740	0.9971	0.9160
55.7	0.9666	0.9969	0.9540	0.9082	0.9964	0.9818	0.9973	0.9165
55.8	0.9711	0.9971	0.9371	0.8980	0.9960	0.9887	0.9974	0.9159
55.9	0.9725	0.9979	0.9462	0.9045	0.9958	0.9876	0.9972	0.9299
56.0	0.9657	0.9972	0.9599	0.8744	0.9959	0.9818	0.9969	0.9288
56.1	0.9644	0.9969	0.9686	0.8581	0.9966	0.9776	0.9975	0.9343
56.2	0.9613	0.9966	0.9570	0.8519	0.9963	0.9849	0.9973	0.9359
56.3	0.9730	0.9978	0.9493	0.9112	0.9963	0.9872	0.9972	0.9242
56.4	0.9781	0.9981	0.9522	0.9249	0.9968	0.9900	0.9978	0.9283
56.5	0.9725	0.9976	0.9577	0.9235	0.9970	0.9914	0.9980	0.9379
56.6	0.9626	0.9964	0.9442	0.9041	0.9956	0.9892	0.9971	0.9285
56.7	0.9628	0.9963	0.9340	0.8760	0.9955	0.9906	0.9972	0.9389
56.8	0.9578	0.9967	0.9349	0.8590	0.9958	0.9870	0.9964	0.9395
56.9	0.9622	0.9969	0.9208	0.8853	0.9963	0.9829	0.9959	0.9402
57.0	0.9725	0.9976	0.9201	0.9145	0.9951	0.9816	0.9966	0.9451
57.1	0.9703	0.9970	0.9177	0.8947	0.9942	0.9799	0.9971	0.9414
57.2	0.9732	0.9972	0.9438	0.9224	0.9954	0.9784	0.9971	0.9498
57.3	0.9828	0.9984	0.9500	0.9461	0.9972	0.9871	0.9978	0.9613
57.4	0.9700	0.9973	0.9254	0.9221	0.9968	0.9862	0.9973	0.9481
57.5	0.9790	0.9980	0.9492	0.9418	0.9973	0.9895	0.9980	0.9648
57.6	0.9820	0.9981	0.9471	0.9479	0.9966	0.9897	0.9980	0.9641
57.7	0.9798	0.9980	0.9401	0.9362	0.9965	0.9880	0.9980	0.9676
57.8	0.9728	0.9979	0.9341	0.9091	0.9963	0.9871	0.9977	0.9673
57.9	0.9720	0.9970	0.9302	0.9102	0.9952	0.9871	0.9969	0.9633
58.0	0.9799	0.9978	0.9296	0.9267	0.9955	0.9884	0.9970	0.9681
58.1	0.9792	0.9981	0.9064	0.9213	0.9963	0.9891	0.9974	0.9679
58.2	0.9765	0.9970	0.8900	0.9323	0.9943	0.9837	0.9961	0.9599
58.3	0.9747	0.9959	0.9007	0.9460	0.9929	0.9820	0.9959	0.9412
58.4	0.9824	0.9975	0.9337	0.9558	0.9940	0.9883	0.9974	0.9560
58.5	0.9873	0.9978	0.9366	0.9482	0.9960	0.9910	0.9983	0.9715
58.6	0.9855	0.9978	0.9367	0.9435	0.9947	0.9902	0.9979	0.9724
58.7	0.9834	0.9973	0.9249	0.9463	0.9940	0.9888	0.9968	0.9771
58.8	0.9687	0.9964	0.8997	0.9179	0.9931	0.9847	0.9958	0.9666
58.9	0.9745	0.9966	0.9155	0.9247	0.9946	0.9838	0.9969	0.9727
59.0	0.9754	0.9964	0.9265	0.9007	0.9922	0.9810	0.9955	0.9711
59.1	0.9856	0.9972	0.9425	0.9339	0.9929	0.9857	0.9964	0.9772
59.2	0.9862	0.9978	0.9414	0.9546	0.9950	0.9908	0.9977	0.9819
59.3	0.9839	0.9968	0.9350	0.9523	0.9937	0.9892	0.9972	0.9807
59.4	0.9886	0.9979	0.9494	0.9548	0.9940	0.9914	0.9973	0.9848
59.5	0.9848	0.9975	0.9482	0.9537	0.9938	0.9905	0.9974	0.9847

59.6	0.9842	0.9970	0.9410	0.9413	0.9925	0.9890	0.9965	0.9832
59.7	0.9897	0.9975	0.9478	0.9525	0.9944	0.9914	0.9973	0.9869
59.8	0.9890	0.9976	0.9392	0.8955	0.9920	0.9920	0.9973	0.9889
59.9	0.9847	0.9820	0.5310	0.0399	0.9804	0.9916	0.9971	0.9861
60.0	0.9837	0.9448	0.3570	0.0661	0.9583	0.9910	0.9968	0.9883
60.1	0.9841	0.9800	0.5339	0.0043	0.9803	0.9897	0.9968	0.9850
60.2	0.9837	0.9964	0.9336	0.8797	0.9909	0.9894	0.9957	0.9834
60.3	0.9876	0.9973	0.9335	0.9428	0.9893	0.9904	0.9964	0.9899
60.4	0.9882	0.9969	0.9434	0.9429	0.9888	0.9898	0.9969	0.9905
60.5	0.9893	0.9965	0.9449	0.9429	0.9848	0.9871	0.9965	0.9909
60.6	0.9905	0.9970	0.9281	0.9575	0.9859	0.9881	0.9965	0.9891
60.7	0.9889	0.9971	0.9301	0.9475	0.9899	0.9914	0.9966	0.9873
60.8	0.9865	0.9967	0.9324	0.9210	0.9862	0.9893	0.9963	0.9892
60.9	0.9836	0.9964	0.9371	0.9104	0.9842	0.9882	0.9961	0.9886
61.0	0.9837	0.9962	0.9502	0.9261	0.9848	0.9897	0.9963	0.9894
61.1	0.9885	0.9966	0.9408	0.9480	0.9870	0.9915	0.9969	0.9906
61.2	0.9840	0.9948	0.9265	0.9270	0.9822	0.9867	0.9958	0.9891
61.3	0.9798	0.9937	0.9399	0.9167	0.9806	0.9865	0.9956	0.9883
61.4	0.9833	0.9944	0.9416	0.9153	0.9827	0.9855	0.9951	0.9866
61.5	0.9867	0.9959	0.9492	0.8971	0.9834	0.9877	0.9949	0.9876
61.6	0.9873	0.9959	0.9447	0.9137	0.9838	0.9888	0.9957	0.9888
61.7	0.9833	0.9934	0.9304	0.9031	0.9752	0.9804	0.9946	0.9853
61.8	0.9901	0.9959	0.9649	0.9358	0.9826	0.9872	0.9967	0.9905
61.9	0.9908	0.9962	0.9620	0.9522	0.9863	0.9900	0.9970	0.9919
62.0	0.9894	0.9954	0.9497	0.9345	0.9838	0.9860	0.9957	0.9898
62.1	0.9876	0.9936	0.9387	0.9204	0.9744	0.9808	0.9948	0.9857
62.2	0.9907	0.9958	0.9498	0.9293	0.9793	0.9862	0.9957	0.9893
62.3	0.9887	0.9948	0.9505	0.9131	0.9777	0.9834	0.9942	0.9886
62.4	0.9878	0.9947	0.9591	0.9057	0.9757	0.9827	0.9939	0.9897
62.5	0.9901	0.9954	0.9613	0.9286	0.9812	0.9867	0.9958	0.9892
62.6	0.9853	0.9942	0.9503	0.9148	0.9757	0.9851	0.9961	0.9886
62.7	0.9832	0.9925	0.9488	0.8945	0.9682	0.9803	0.9957	0.9866
62.8	0.9896	0.9947	0.9596	0.9261	0.9719	0.9839	0.9958	0.9891
62.9	0.9900	0.9941	0.9558	0.9130	0.9627	0.9821	0.9947	0.9864
63.0	0.9895	0.9933	0.9556	0.9075	0.9653	0.9775	0.9946	0.9831
63.1	0.9883	0.9935	0.9635	0.9111	0.9666	0.9807	0.9946	0.9865
63.2	0.9867	0.9927	0.9613	0.9061	0.9601	0.9831	0.9945	0.9870
63.3	0.9892	0.9941	0.9606	0.9187	0.9642	0.9860	0.9953	0.9889
63.4	0.9918	0.9958	0.9716	0.9423	0.9592	0.9887	0.9961	0.9903
63.5	0.9913	0.9949	0.9653	0.9323	0.9542	0.9856	0.9942	0.9894
63.6	0.9886	0.9928	0.9469	0.9177	0.9495	0.9784	0.9920	0.9842
63.7	0.9902	0.9941	0.9590	0.9299	0.9477	0.9809	0.9940	0.9883
63.8	0.9907	0.9936	0.9668	0.9426	0.9373	0.9810	0.9942	0.9880
63.9	0.9924	0.9946	0.9671	0.9500	0.9375	0.9826	0.9939	0.9877
64.0	0.9900	0.9929	0.9605	0.9340	0.9239	0.9835	0.9930	0.9841
64.1	0.9874	0.9917	0.9478	0.8958	0.9001	0.9810	0.9943	0.9811
64.2	0.9878	0.9919	0.9458	0.8940	0.8782	0.9793	0.9942	0.9842
64.3	0.9918	0.9948	0.9595	0.9230	0.8764	0.9823	0.9955	0.9886
64.4	0.9914	0.9936	0.9529	0.8725	0.8337	0.9801	0.9943	0.9862
64.5	0.9853	0.9906	0.9530	0.8665	0.7320	0.9768	0.9920	0.9861
64.6	0.9867	0.9911	0.9598	0.8691	0.7553	0.9762	0.9911	0.9871
64.7	0.9892	0.9934	0.9586	0.8730	0.7839	0.9822	0.9932	0.9897
64.8	0.9880	0.9924	0.9584	0.8763	0.8062	0.9810	0.9927	0.9866
64.9	0.9904	0.9937	0.9606	0.8864	0.7956	0.9837	0.9938	0.9890
65.0	0.9914	0.9940	0.9613	0.8802	0.7993	0.9831	0.9946	0.9879
65.1	0.9917	0.9933	0.9628	0.8806	0.8474	0.9802	0.9946	0.9894
65.2	0.9882	0.9904	0.9585	0.8679	0.8046	0.9733	0.9928	0.9856
65.3	0.9873	0.9910	0.9462	0.8203	0.8103	0.9770	0.9899	0.9817
65.4	0.9861	0.9910	0.9331	0.7547	0.8297	0.9770	0.9881	0.9834
65.5	0.9879	0.9904	0.9503	0.7965	0.8421	0.9749	0.9896	0.9869
65.6	0.9908	0.9933	0.9556	0.8627	0.8990	0.9814	0.9924	0.9897
65.7	0.9898	0.9917	0.9551	0.8436	0.9029	0.9767	0.9897	0.9879
65.8	0.9881	0.9904	0.9443	0.8429	0.9057	0.9759	0.9882	0.9830
65.9	0.9877	0.9919	0.9436	0.7622	0.9012	0.9789	0.9890	0.9866
66.0	0.9879	0.9909	0.9576	0.7054	0.9230	0.9772	0.9896	0.9875
66.1	0.9883	0.9910	0.9528	0.7571	0.9371	0.9736	0.9892	0.9869
66.2	0.9878	0.9912	0.9367	0.7194	0.9330	0.9692	0.9880	0.9821
66.3	0.9913	0.9930	0.9466	0.7653	0.9361	0.9761	0.9902	0.9878
66.4	0.9902	0.9913	0.9273	0.6797	0.9296	0.9653	0.9876	0.9839
66.5	0.9859	0.9882	0.9080	0.5647	0.9041	0.9554	0.9845	0.9765
66.6	0.9892	0.9904	0.9371	0.6761	0.9411	0.9673	0.9876	0.9827
66.7	0.9912	0.9927	0.9399	0.5947	0.9505	0.9737	0.9894	0.9885
66.8	0.9897	0.9918	0.9385	0.5475	0.9561	0.9750	0.9903	0.9868
66.9	0.9889	0.9920	0.9403	0.4549	0.9533	0.9786	0.9908	0.9882
67.0	0.9901	0.9923	0.9395	0.5008	0.9500	0.9784	0.9886	0.9874
67.1	0.9902	0.9911	0.9255	0.5150	0.9649	0.9743	0.9870	0.9848
67.2	0.9921	0.9936	0.9323	0.4919	0.9732	0.9779	0.9903	0.9889
67.3	0.9907	0.9923	0.9308	0.4226	0.9734	0.9745	0.9890	0.9855
67.4	0.9904	0.9920	0.9095	0.3893	0.9686	0.9755	0.9867	0.9826
67.5	0.9889	0.9919	0.9150	0.3040	0.9711	0.9724	0.9892	0.9863
67.6	0.9868	0.9907	0.9183	0.2005	0.9673	0.9667	0.9885	0.9802
67.7	0.9917	0.9925	0.9182	0.1825	0.9701	0.9794	0.9889	0.9830
67.8	0.9920	0.9934	0.9234	0.2728	0.9749	0.9779	0.9915	0.9875
67.9	0.9936	0.9939	0.9348	0.2286	0.9772	0.9811	0.9921	0.9852
68.0	0.9904	0.9915	0.8955	0.2524	0.9651	0.9744	0.9877	0.9748
68.1	0.9905	0.9914	0.8948	0.4144	0.9719	0.9737	0.9894	0.9796

68.2	0.9928	0.9941	0.9215	0.4059	0.9769	0.9839	0.9921	0.9819
68.3	0.9919	0.9932	0.9038	0.2621	0.9779	0.9765	0.9912	0.9818
68.4	0.9923	0.9938	0.9092	0.2925	0.9766	0.9832	0.9920	0.9788
68.5	0.9935	0.9947	0.9189	0.3888	0.9824	0.9853	0.9928	0.9864
68.6	0.9913	0.9925	0.9016	0.3383	0.9778	0.9793	0.9905	0.9746
68.7	0.9919	0.9936	0.9060	0.2498	0.9762	0.9809	0.9917	0.9757
68.8	0.9928	0.9935	0.8822	0.3154	0.9669	0.9815	0.9898	0.9741
68.9	0.9926	0.9939	0.8955	0.3673	0.9725	0.9815	0.9907	0.9753
69.0	0.9936	0.9949	0.9129	0.4340	0.9787	0.9852	0.9927	0.9826
69.1	0.9920	0.9936	0.8980	0.4110	0.9752	0.9790	0.9922	0.9724
69.2	0.9913	0.9929	0.8811	0.4839	0.9727	0.9770	0.9906	0.9647
69.3	0.9924	0.9939	0.8774	0.5410	0.9758	0.9818	0.9906	0.9666
69.4	0.9918	0.9942	0.8893	0.6400	0.9801	0.9856	0.9917	0.9630
69.5	0.9933	0.9943	0.8948	0.4995	0.9802	0.9867	0.9912	0.9695
69.6	0.9930	0.9947	0.8848	0.5639	0.9811	0.9877	0.9924	0.9670
69.7	0.9926	0.9945	0.8961	0.6648	0.9850	0.9860	0.9936	0.9583
69.8	0.9901	0.9930	0.8875	0.5802	0.9805	0.9824	0.9914	0.9521
69.9	0.9897	0.9939	0.8907	0.5792	0.9804	0.9836	0.9926	0.9630
70.0	0.9911	0.9943	0.8937	0.4897	0.9800	0.9851	0.9926	0.9711
70.1	0.9937	0.9956	0.9164	0.7068	0.9836	0.9884	0.9941	0.9758
70.2	0.9930	0.9946	0.9213	0.7088	0.9867	0.9855	0.9944	0.9769
70.3	0.9920	0.9941	0.9015	0.6698	0.9858	0.9848	0.9934	0.9709
70.4	0.9908	0.9931	0.8904	0.7180	0.9806	0.9840	0.9914	0.9705
70.5	0.9905	0.9949	0.9114	0.6578	0.9797	0.9873	0.9937	0.9627
70.6	0.9921	0.9947	0.9210	0.6372	0.9776	0.9847	0.9926	0.9659
70.7	0.9876	0.9912	0.8869	0.6183	0.9742	0.9749	0.9917	0.9655
70.8	0.9886	0.9928	0.9050	0.5875	0.9813	0.9774	0.9928	0.9688
70.9	0.9913	0.9949	0.9116	0.6518	0.9820	0.9832	0.9939	0.9656
71.0	0.9920	0.9950	0.9113	0.6409	0.9808	0.9822	0.9940	0.9649
71.1	0.9946	0.9963	0.9364	0.7430	0.9876	0.9847	0.9958	0.9729
71.2	0.9924	0.9946	0.9269	0.7668	0.9827	0.9800	0.9949	0.9695
71.3	0.9897	0.9928	0.9012	0.8215	0.9785	0.9746	0.9947	0.9736
71.4	0.9899	0.9935	0.9113	0.7785	0.9774	0.9733	0.9946	0.9738
71.5	0.9926	0.9956	0.9318	0.7602	0.9797	0.9770	0.9961	0.9775
71.6	0.9911	0.9954	0.9307	0.7441	0.9808	0.9760	0.9957	0.9745
71.7	0.9908	0.9950	0.9144	0.8109	0.9766	0.9722	0.9949	0.9706
71.8	0.9861	0.9927	0.8775	0.7805	0.9694	0.9644	0.9931	0.9599
71.9	0.9849	0.9923	0.8886	0.7619	0.9678	0.9657	0.9941	0.9694
72.0	0.9868	0.9928	0.9050	0.7613	0.9716	0.9597	0.9948	0.9716
72.1	0.9889	0.9933	0.9248	0.7959	0.9787	0.9632	0.9952	0.9753
72.2	0.9897	0.9940	0.9279	0.8180	0.9800	0.9691	0.9960	0.9747
72.3	0.9898	0.9943	0.9254	0.7913	0.9744	0.9617	0.9947	0.9675
72.4	0.9908	0.9947	0.9270	0.7974	0.9756	0.9627	0.9946	0.9626
72.5	0.9933	0.9957	0.9380	0.8400	0.9736	0.9660	0.9955	0.9739
72.6	0.9904	0.9943	0.9301	0.8164	0.9732	0.9596	0.9958	0.9763
72.7	0.9851	0.9916	0.9061	0.7503	0.9607	0.9450	0.9944	0.9632
72.8	0.9877	0.9933	0.9319	0.7636	0.9631	0.9411	0.9945	0.9623
72.9	0.9891	0.9944	0.9371	0.7943	0.9577	0.9376	0.9933	0.9561
73.0	0.9891	0.9953	0.9439	0.8606	0.9595	0.9496	0.9925	0.9641
73.1	0.9866	0.9937	0.9242	0.8389	0.9582	0.9261	0.9935	0.9508
73.2	0.9863	0.9928	0.9024	0.8131	0.9534	0.9109	0.9928	0.9458
73.3	0.9883	0.9942	0.9347	0.8420	0.9594	0.9251	0.9931	0.9456
73.4	0.9891	0.9955	0.9351	0.8504	0.9511	0.9418	0.9928	0.9507
73.5	0.9884	0.9954	0.9362	0.8301	0.9410	0.9379	0.9913	0.9609
73.6	0.9893	0.9954	0.9503	0.8675	0.9425	0.9424	0.9917	0.9645
73.7	0.9871	0.9953	0.9398	0.8384	0.9208	0.9312	0.9897	0.9529
73.8	0.9892	0.9956	0.9378	0.8522	0.9312	0.9315	0.9908	0.9524
73.9	0.9838	0.9948	0.9442	0.7989	0.9220	0.8978	0.9887	0.9382
74.0	0.9868	0.9956	0.9579	0.8649	0.9347	0.9284	0.9911	0.9585
74.1	0.9825	0.9942	0.9359	0.8347	0.9280	0.9105	0.9871	0.9423
74.2	0.9802	0.9911	0.9052	0.8091	0.9014	0.8518	0.9848	0.9198
74.3	0.9860	0.9943	0.9372	0.8633	0.9081	0.9042	0.9884	0.9300
74.4	0.9822	0.9935	0.9461	0.8305	0.8451	0.8899	0.9772	0.9117
74.5	0.9851	0.9946	0.9520	0.8749	0.8622	0.8873	0.9811	0.9234
74.6	0.9882	0.9956	0.9475	0.8925	0.9032	0.9243	0.9895	0.9369
74.7	0.9830	0.9953	0.9516	0.8710	0.8407	0.9303	0.9847	0.9362
74.8	0.9848	0.9950	0.9540	0.8913	0.8205	0.9324	0.9826	0.9237
74.9	0.9826	0.9943	0.9517	0.8617	0.7996	0.9309	0.9808	0.9212
75.0	0.9744	0.9939	0.9467	0.8620	0.7638	0.9375	0.9774	0.9150
75.1	0.9782	0.9943	0.9513	0.9103	0.7570	0.9374	0.9818	0.9268
75.2	0.9827	0.9952	0.9520	0.9213	0.7718	0.9404	0.9824	0.9469
75.3	0.9793	0.9946	0.9457	0.8975	0.6872	0.9395	0.9734	0.9340
75.4	0.9768	0.9943	0.9440	0.8935	0.6125	0.9360	0.9567	0.9142
75.5	0.9798	0.9951	0.9446	0.9002	0.6623	0.9553	0.9664	0.9338
75.6	0.9823	0.9951	0.9524	0.8930	0.7021	0.9405	0.9626	0.9167
75.7	0.9844	0.9955	0.9575	0.9164	0.6589	0.9453	0.9566	0.9162
75.8	0.9833	0.9951	0.9510	0.9295	0.6789	0.9562	0.9629	0.9240
75.9	0.9844	0.9943	0.9421	0.9201	0.6891	0.9510	0.9535	0.9207
76.0	0.9848	0.9952	0.9536	0.9373	0.7050	0.9568	0.9525	0.9363
76.1	0.9818	0.9951	0.9372	0.9254	0.6410	0.9421	0.9426	0.9048
76.2	0.9793	0.9948	0.9340	0.9238	0.6750	0.9414	0.9404	0.8512
76.3	0.9866	0.9963	0.9491	0.9533	0.8109	0.9625	0.9604	0.9193
76.4	0.9846	0.9965	0.9433	0.9486	0.8085	0.9574	0.9504	0.9210
76.5	0.9832	0.9947	0.9169	0.9222	0.7255	0.9558	0.9211	0.8874
76.6	0.9838	0.9956	0.9138	0.9281	0.8309	0.9538	0.9460	0.8996
76.7	0.9828	0.9957	0.9121	0.9429	0.8247	0.9581	0.9526	0.9106

76.8	0.9797	0.9954	0.9092	0.9535	0.8102	0.9585	0.9357	0.9130
76.9	0.9793	0.9952	0.8936	0.9423	0.8026	0.9530	0.9182	0.8975
77.0	0.9791	0.9962	0.9150	0.9460	0.8310	0.9572	0.9324	0.8832
77.1	0.9782	0.9967	0.9238	0.9411	0.8595	0.9680	0.9332	0.9167
77.2	0.9773	0.9967	0.8914	0.9374	0.8491	0.9582	0.9232	0.8878
77.3	0.9850	0.9970	0.8816	0.9520	0.8806	0.9745	0.9374	0.9156
77.4	0.9849	0.9967	0.8364	0.9603	0.8805	0.9736	0.9317	0.9075
77.5	0.9804	0.9964	0.8587	0.9599	0.8637	0.9713	0.9314	0.8288
77.6	0.9792	0.9963	0.8415	0.9498	0.9015	0.9686	0.9423	0.8059
77.7	0.9748	0.9947	0.8078	0.9449	0.8780	0.9653	0.9168	0.8046
77.8	0.9830	0.9959	0.8327	0.9560	0.8956	0.9739	0.9331	0.8287
77.9	0.9774	0.9966	0.8090	0.9608	0.9217	0.9717	0.9472	0.7959
78.0	0.9684	0.9949	0.6908	0.9396	0.9168	0.9751	0.9322	0.6660
78.1	0.9736	0.9957	0.6862	0.9482	0.9180	0.9799	0.9246	0.6839
78.2	0.9665	0.9944	0.6628	0.9541	0.9201	0.9786	0.9262	0.6640
78.3	0.9721	0.9961	0.6077	0.9594	0.9398	0.9822	0.9512	0.6555
78.4	0.9766	0.9963	0.6096	0.9619	0.9368	0.9809	0.9494	0.7227
78.5	0.9697	0.9941	0.4870	0.9441	0.8969	0.9709	0.9110	0.5453
78.6	0.9701	0.9945	0.3757	0.9435	0.9215	0.9763	0.9219	0.5121
78.7	0.9768	0.9957	0.3790	0.9546	0.9495	0.9784	0.9349	0.5540
78.8	0.9732	0.9953	0.3741	0.9489	0.9542	0.9688	0.9338	0.5427
78.9	0.9684	0.9939	0.4113	0.9504	0.9712	0.9379	0.9579	0.5737
79.0	0.9691	0.9933	0.3147	0.9046	0.9641	0.9372	0.9606	0.4321
79.1	0.9689	0.9927	0.3703	0.8926	0.9609	0.9663	0.9659	0.4470
79.2	0.9736	0.9958	0.2298	0.9109	0.9678	0.9850	0.9713	0.5376
79.3	0.9750	0.9946	0.1565	0.9005	0.9614	0.9859	0.9595	0.4611
79.4	0.9778	0.9948	0.0941	0.9171	0.9610	0.9844	0.9626	0.6559
79.5	0.9774	0.9952	0.0054	0.9197	0.9635	0.9863	0.9587	0.7154
79.6	0.9829	0.9970	0.0721	0.9286	0.9732	0.9878	0.9685	0.7586
79.7	0.9854	0.9970	0.0850	0.9308	0.9702	0.9888	0.9749	0.7385
79.8	0.9828	0.9958	0.0449	0.9334	0.9655	0.9855	0.9733	0.7459
79.9	0.9794	0.9944	0.0092	0.9151	0.9607	0.9838	0.9705	0.7092
80.0	0.9791	0.9958	0.1259	0.9338	0.9765	0.9879	0.9760	0.8123

2.2.26 Run 3 – IP315 – Accels 9–16

In-plane shaking at 315°. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.8188	0.7517	0.8968	0.9775	0.8557	0.6164	0.5646	0.9813
0.1	0.5948	0.5617	0.6961	0.9183	0.6435	0.2877	0.2981	0.9170
0.2	0.0194	0.0283	0.0001	0.0439	0.0436	0.0005	0.0150	0.0060
0.3	0.0863	0.0188	0.0058	0.0304	0.0833	0.0042	0.0121	0.0046
0.4	0.0166	0.0053	0.0032	0.0035	0.0021	0.0007	0.0141	0.0004
0.5	0.2028	0.0053	0.0060	0.0930	0.0162	0.0268	0.0834	0.0016
0.6	0.6388	0.1087	0.1130	0.5302	0.0682	0.1558	0.5006	0.0208
0.7	0.8580	0.5490	0.7012	0.7202	0.2564	0.6214	0.7104	0.1604
0.8	0.9001	0.6504	0.8617	0.7908	0.3220	0.6936	0.7830	0.3451
0.9	0.9036	0.7390	0.9184	0.7363	0.2907	0.7673	0.7492	0.3636
1.0	0.7669	0.6705	0.8738	0.3468	0.3121	0.6897	0.3550	0.3072
1.1	0.6062	0.5936	0.7336	0.2407	0.2628	0.5184	0.2273	0.2072
1.2	0.8087	0.7914	0.8596	0.2425	0.3406	0.7458	0.2407	0.6993
1.3	0.9305	0.9328	0.9131	0.3661	0.7438	0.8432	0.3679	0.9069
1.4	0.9417	0.9647	0.8915	0.0614	0.8834	0.6104	0.0611	0.9594
1.5	0.9209	0.9643	0.9077	0.2988	0.9256	0.7047	0.2991	0.9839
1.6	0.9290	0.9657	0.9489	0.7953	0.9615	0.9188	0.7964	0.9830
1.7	0.8027	0.9103	0.9600	0.8347	0.9342	0.9694	0.8349	0.9494
1.8	0.8340	0.8992	0.9506	0.8317	0.9469	0.9809	0.8319	0.9514
1.9	0.8046	0.8675	0.9363	0.7794	0.9541	0.9798	0.7807	0.9469
2.0	0.8712	0.8790	0.9019	0.8353	0.9203	0.9324	0.8360	0.9357
2.1	0.9292	0.8852	0.8859	0.8905	0.8879	0.8954	0.8906	0.9174
2.2	0.9278	0.7872	0.7964	0.8730	0.8021	0.7966	0.8721	0.8319
2.3	0.8225	0.1659	0.1463	0.7467	0.1967	0.1456	0.7438	0.1867
2.4	0.8876	0.7509	0.7681	0.8442	0.6926	0.7730	0.8507	0.7026
2.5	0.9567	0.9221	0.9532	0.9251	0.8809	0.9546	0.9278	0.9150
2.6	0.9734	0.9444	0.9779	0.9489	0.8960	0.9796	0.9512	0.9368
2.7	0.9832	0.9361	0.9883	0.9659	0.8406	0.9887	0.9673	0.9416
2.8	0.9854	0.9049	0.9912	0.9682	0.7292	0.9917	0.9692	0.9102
2.9	0.9800	0.8442	0.9944	0.9566	0.5912	0.9947	0.9576	0.8629
3.0	0.9758	0.6173	0.9957	0.9454	0.5760	0.9954	0.9466	0.4526
3.1	0.9808	0.7297	0.9974	0.9553	0.8154	0.9974	0.9564	0.4047
3.2	0.9857	0.8628	0.9978	0.9662	0.9173	0.9977	0.9669	0.8301
3.3	0.9887	0.9408	0.9990	0.9733	0.9518	0.9986	0.9738	0.9600
3.4	0.9841	0.9340	0.9987	0.9625	0.9500	0.9981	0.9631	0.9558
3.5	0.9844	0.9748	0.9989	0.9601	0.9762	0.9985	0.9613	0.9801
3.6	0.9779	0.9707	0.9991	0.9443	0.9817	0.9979	0.9453	0.9860
3.7	0.9774	0.9791	0.9991	0.9421	0.9856	0.9981	0.9430	0.9896
3.8	0.9873	0.9883	0.9995	0.9675	0.9888	0.9985	0.9678	0.9945
3.9	0.9914	0.9916	0.9994	0.9779	0.9895	0.9989	0.9782	0.9944
4.0	0.9929	0.9948	0.9993	0.9813	0.9925	0.9992	0.9814	0.9947
4.1	0.9919	0.9932	0.9990	0.9778	0.9918	0.9991	0.9784	0.9944
4.2	0.9870	0.9934	0.9980	0.9640	0.9900	0.9983	0.9650	0.9948
4.3	0.9857	0.9939	0.9972	0.9600	0.9899	0.9975	0.9614	0.9928
4.4	0.9913	0.9965	0.9983	0.9768	0.9935	0.9982	0.9773	0.9967
4.5	0.9953	0.9967	0.9985	0.9870	0.9940	0.9984	0.9872	0.9967
4.6	0.9963	0.9979	0.9978	0.9892	0.9936	0.9978	0.9894	0.9961
4.7	0.9957	0.9965	0.9969	0.9874	0.9926	0.9967	0.9877	0.9951
4.8	0.9967	0.9965	0.9964	0.9892	0.9902	0.9964	0.9896	0.9943
4.9	0.9968	0.9975	0.9969	0.9908	0.9934	0.9973	0.9908	0.9959
5.0	0.9966	0.9982	0.9962	0.9911	0.9936	0.9968	0.9914	0.9957
5.1	0.9955	0.9973	0.9962	0.9885	0.9936	0.9967	0.9888	0.9954
5.2	0.9932	0.9978	0.9967	0.9858	0.9945	0.9972	0.9858	0.9955
5.3	0.9922	0.9973	0.9969	0.9853	0.9949	0.9970	0.9855	0.9949
5.4	0.9920	0.9975	0.9975	0.9850	0.9961	0.9968	0.9850	0.9953
5.5	0.9936	0.9983	0.9977	0.9871	0.9970	0.9975	0.9872	0.9969
5.6	0.9918	0.9981	0.9978	0.9852	0.9971	0.9979	0.9853	0.9973
5.7	0.9887	0.9981	0.9970	0.9800	0.9955	0.9972	0.9801	0.9954
5.8	0.9924	0.9986	0.9958	0.9861	0.9962	0.9965	0.9862	0.9956
5.9	0.9933	0.9987	0.9948	0.9873	0.9970	0.9958	0.9875	0.9972
6.0	0.9920	0.9977	0.9959	0.9853	0.9946	0.9964	0.9849	0.9952
6.1	0.9920	0.9990	0.9962	0.9841	0.9952	0.9963	0.9836	0.9955
6.2	0.9906	0.9986	0.9956	0.9818	0.9934	0.9961	0.9812	0.9930
6.3	0.9910	0.9978	0.9950	0.9814	0.9911	0.9956	0.9815	0.9908
6.4	0.9926	0.9981	0.9947	0.9842	0.9911	0.9956	0.9843	0.9900
6.5	0.9931	0.9984	0.9951	0.9864	0.9894	0.9952	0.9856	0.9887
6.6	0.9944	0.9978	0.9925	0.9878	0.9855	0.9929	0.9870	0.9840
6.7	0.9960	0.9983	0.9921	0.9917	0.9872	0.9927	0.9911	0.9863
6.8	0.9961	0.9984	0.9919	0.9922	0.9851	0.9923	0.9914	0.9838
6.9	0.9925	0.9959	0.9894	0.9921	0.9524	0.9888	0.9903	0.9493
7.0	0.9921	0.9954	0.9895	0.9932	0.9457	0.9895	0.9923	0.9441
7.1	0.9859	0.9888	0.9810	0.9925	0.8714	0.9839	0.9941	0.8687
7.2	0.9925	0.9917	0.9820	0.9941	0.9159	0.9849	0.9960	0.9155
7.3	0.9964	0.9966	0.9759	0.9929	0.9588	0.9808	0.9947	0.9588
7.4	0.9935	0.9934	0.9681	0.9933	0.9025	0.9782	0.9939	0.9051
7.5	0.9968	0.9957	0.9829	0.9959	0.9274	0.9862	0.9962	0.9326
7.6	0.9978	0.9964	0.9797	0.9966	0.9279	0.9831	0.9972	0.9359
7.7	0.9975	0.9979	0.9798	0.9959	0.9596	0.9829	0.9964	0.9640
7.8	0.9972	0.9980	0.9825	0.9948	0.9631	0.9850	0.9954	0.9672
7.9	0.9978	0.9992	0.9847	0.9972	0.9789	0.9869	0.9974	0.9799

8.0	0.9973	0.9989	0.9806	0.9971	0.9680	0.9828	0.9970	0.9689
8.1	0.9977	0.9990	0.9865	0.9972	0.9776	0.9875	0.9972	0.9788
8.2	0.9972	0.9982	0.9877	0.9973	0.9717	0.9886	0.9973	0.9735
8.3	0.9973	0.9982	0.9898	0.9980	0.9742	0.9903	0.9979	0.9768
8.4	0.9972	0.9985	0.9885	0.9984	0.9763	0.9898	0.9984	0.9749
8.5	0.9968	0.9986	0.9896	0.9981	0.9774	0.9904	0.9981	0.9755
8.6	0.9949	0.9986	0.9909	0.9981	0.9791	0.9914	0.9983	0.9750
8.7	0.9955	0.9982	0.9941	0.9988	0.9860	0.9941	0.9987	0.9845
8.8	0.9941	0.9976	0.9924	0.9985	0.9748	0.9928	0.9986	0.9730
8.9	0.9880	0.9970	0.9910	0.9986	0.9741	0.9915	0.9985	0.9722
9.0	0.9822	0.9955	0.9899	0.9987	0.9569	0.9909	0.9987	0.9542
9.1	0.9890	0.9966	0.9914	0.9981	0.9761	0.9921	0.9983	0.9756
9.2	0.9651	0.9879	0.9860	0.9972	0.9253	0.9863	0.9974	0.9225
9.3	0.9667	0.9830	0.9839	0.9983	0.9282	0.9864	0.9976	0.9262
9.4	0.9859	0.9858	0.9895	0.9985	0.9620	0.9916	0.9982	0.9625
9.5	0.9912	0.9861	0.9896	0.9980	0.9719	0.9927	0.9981	0.9728
9.6	0.9921	0.9898	0.9884	0.9982	0.9834	0.9918	0.9987	0.9839
9.7	0.9937	0.9920	0.9864	0.9977	0.9862	0.9913	0.9984	0.9872
9.8	0.9952	0.9961	0.9847	0.9977	0.9927	0.9913	0.9980	0.9935
9.9	0.9952	0.9967	0.9828	0.9972	0.9945	0.9894	0.9982	0.9952
10.0	0.9946	0.9976	0.9834	0.9937	0.9967	0.9907	0.9974	0.9970
10.1	0.9940	0.9979	0.9856	0.9961	0.9971	0.9918	0.9974	0.9977
10.2	0.9934	0.9972	0.9902	0.9976	0.9955	0.9947	0.9980	0.9966
10.3	0.9952	0.9976	0.9960	0.9985	0.9975	0.9973	0.9986	0.9981
10.4	0.9962	0.9984	0.9965	0.9989	0.9974	0.9979	0.9992	0.9980
10.5	0.9969	0.9989	0.9977	0.9989	0.9983	0.9988	0.9991	0.9987
10.6	0.9970	0.9985	0.9982	0.9987	0.9980	0.9990	0.9988	0.9986
10.7	0.9978	0.9990	0.9983	0.9989	0.9981	0.9990	0.9992	0.9985
10.8	0.9977	0.9987	0.9982	0.9988	0.9982	0.9988	0.9991	0.9988
10.9	0.9982	0.9988	0.9982	0.9988	0.9993	0.9988	0.9989	0.9994
11.0	0.9983	0.9986	0.9981	0.9983	0.9989	0.9987	0.9984	0.9993
11.1	0.9986	0.9987	0.9985	0.9985	0.9990	0.9988	0.9987	0.9993
11.2	0.9986	0.9984	0.9984	0.9986	0.9990	0.9987	0.9987	0.9993
11.3	0.9985	0.9984	0.9984	0.9986	0.9989	0.9990	0.9988	0.9993
11.4	0.9988	0.9986	0.9985	0.9984	0.9992	0.9991	0.9985	0.9994
11.5	0.9988	0.9984	0.9983	0.9982	0.9989	0.9986	0.9983	0.9993
11.6	0.9987	0.9981	0.9978	0.9978	0.9988	0.9982	0.9981	0.9992
11.7	0.9990	0.9982	0.9985	0.9973	0.9988	0.9987	0.9977	0.9993
11.8	0.9991	0.9984	0.9986	0.9972	0.9988	0.9985	0.9974	0.9993
11.9	0.9991	0.9978	0.9984	0.9972	0.9986	0.9986	0.9975	0.9991
12.0	0.9993	0.9984	0.9986	0.9978	0.9985	0.9990	0.9980	0.9992
12.1	0.9995	0.9990	0.9990	0.9982	0.9988	0.9991	0.9982	0.9995
12.2	0.9993	0.9986	0.9989	0.9979	0.9983	0.9990	0.9981	0.9993
12.3	0.9989	0.9981	0.9988	0.9969	0.9983	0.9989	0.9971	0.9992
12.4	0.9987	0.9981	0.9986	0.9966	0.9980	0.9987	0.9969	0.9992
12.5	0.9979	0.9987	0.9988	0.9968	0.9983	0.9988	0.9970	0.9992
12.6	0.9980	0.9987	0.9984	0.9964	0.9987	0.9991	0.9966	0.9994
12.7	0.9961	0.9982	0.9973	0.9955	0.9977	0.9990	0.9958	0.9991
12.8	0.9949	0.9986	0.9973	0.9950	0.9971	0.9983	0.9952	0.9990
12.9	0.9953	0.9984	0.9967	0.9949	0.9974	0.9985	0.9953	0.9991
13.0	0.9940	0.9980	0.9964	0.9923	0.9970	0.9980	0.9926	0.9990
13.1	0.9969	0.9985	0.9979	0.9942	0.9975	0.9983	0.9945	0.9991
13.2	0.9967	0.9983	0.9977	0.9939	0.9970	0.9985	0.9943	0.9990
13.3	0.9970	0.9980	0.9984	0.9944	0.9965	0.9978	0.9949	0.9987
13.4	0.9982	0.9983	0.9986	0.9944	0.9965	0.9983	0.9948	0.9986
13.5	0.9978	0.9981	0.9984	0.9925	0.9955	0.9979	0.9928	0.9985
13.6	0.9979	0.9975	0.9985	0.9920	0.9958	0.9977	0.9926	0.9983
13.7	0.9973	0.9975	0.9986	0.9933	0.9957	0.9978	0.9936	0.9987
13.8	0.9979	0.9982	0.9985	0.9961	0.9956	0.9982	0.9961	0.9986
13.9	0.9982	0.9982	0.9986	0.9962	0.9941	0.9983	0.9963	0.9987
14.0	0.9976	0.9977	0.9982	0.9955	0.9913	0.9980	0.9959	0.9986
14.1	0.9974	0.9977	0.9982	0.9966	0.9896	0.9980	0.9967	0.9982
14.2	0.9971	0.9970	0.9976	0.9962	0.9876	0.9970	0.9963	0.9974
14.3	0.9976	0.9966	0.9974	0.9963	0.9833	0.9969	0.9963	0.9970
14.4	0.9970	0.9967	0.9972	0.9960	0.9837	0.9969	0.9960	0.9966
14.5	0.9951	0.9958	0.9964	0.9940	0.9722	0.9965	0.9943	0.9962
14.6	0.9953	0.9963	0.9965	0.9950	0.9669	0.9965	0.9952	0.9969
14.7	0.9946	0.9966	0.9957	0.9953	0.9701	0.9957	0.9955	0.9964
14.8	0.9961	0.9963	0.9948	0.9958	0.9754	0.9950	0.9959	0.9956
14.9	0.9971	0.9971	0.9963	0.9974	0.9800	0.9965	0.9973	0.9956
15.0	0.9927	0.9933	0.9961	0.9926	0.9789	0.9953	0.9928	0.9931
15.1	0.9919	0.9926	0.9955	0.9903	0.9775	0.9952	0.9905	0.9920
15.2	0.9901	0.9913	0.9945	0.9893	0.9665	0.9943	0.9894	0.9911
15.3	0.9902	0.9919	0.9945	0.9907	0.9684	0.9946	0.9910	0.9922
15.4	0.9892	0.9915	0.9921	0.9878	0.9361	0.9932	0.9881	0.9904
15.5	0.9743	0.9806	0.9841	0.9739	0.9184	0.9840	0.9740	0.9772
15.6	0.9773	0.9847	0.9889	0.9779	0.9351	0.9894	0.9782	0.9844
15.7	0.9508	0.9691	0.9855	0.9530	0.9223	0.9840	0.9539	0.9740
15.8	0.9346	0.9602	0.9806	0.9408	0.9317	0.9790	0.9417	0.9593
15.9	0.9484	0.9699	0.9871	0.9531	0.9549	0.9863	0.9541	0.9688
16.0	0.9637	0.9822	0.9878	0.9674	0.9657	0.9910	0.9682	0.9765
16.1	0.9774	0.9908	0.9870	0.9827	0.9818	0.9854	0.9836	0.9698
16.2	0.9854	0.9923	0.9872	0.9875	0.9865	0.9840	0.9881	0.9728
16.3	0.9841	0.9932	0.9840	0.9862	0.9825	0.9828	0.9868	0.9759
16.4	0.9906	0.9889	0.9805	0.9917	0.9809	0.9784	0.9923	0.9673
16.5	0.9916	0.9869	0.9775	0.9917	0.9775	0.9771	0.9928	0.9701

16.6	0.9930	0.9843	0.9762	0.9911	0.9741	0.9750	0.9922	0.9646
16.7	0.9889	0.9753	0.9645	0.9912	0.9604	0.9643	0.9916	0.9540
16.8	0.9923	0.9734	0.9631	0.9847	0.9579	0.9635	0.9849	0.9545
16.9	0.9894	0.9765	0.9653	0.9848	0.9581	0.9668	0.9854	0.9578
17.0	0.9815	0.9830	0.9743	0.9906	0.9673	0.9757	0.9910	0.9675
17.1	0.9694	0.9864	0.9857	0.9908	0.9763	0.9854	0.9912	0.9767
17.2	0.9837	0.9847	0.9824	0.9943	0.9711	0.9829	0.9940	0.9722
17.3	0.9906	0.9896	0.9873	0.9960	0.9780	0.9882	0.9958	0.9787
17.4	0.9936	0.9937	0.9917	0.9977	0.9848	0.9919	0.9976	0.9854
17.5	0.9924	0.9956	0.9900	0.9976	0.9826	0.9904	0.9976	0.9844
17.6	0.9907	0.9945	0.9901	0.9975	0.9812	0.9903	0.9974	0.9832
17.7	0.9875	0.9952	0.9910	0.9982	0.9820	0.9911	0.9981	0.9840
17.8	0.9912	0.9977	0.9947	0.9990	0.9898	0.9948	0.9989	0.9914
17.9	0.9880	0.9972	0.9938	0.9987	0.9887	0.9940	0.9986	0.9905
18.0	0.9864	0.9964	0.9917	0.9985	0.9840	0.9920	0.9984	0.9872
18.1	0.9857	0.9971	0.9928	0.9987	0.9865	0.9933	0.9986	0.9892
18.2	0.9882	0.9980	0.9942	0.9991	0.9914	0.9947	0.9990	0.9931
18.3	0.9869	0.9976	0.9932	0.9988	0.9920	0.9938	0.9987	0.9935
18.4	0.9886	0.9977	0.9929	0.9992	0.9892	0.9938	0.9992	0.9917
18.5	0.9767	0.9981	0.9912	0.9987	0.9834	0.9924	0.9987	0.9895
18.6	0.9790	0.9988	0.9930	0.9993	0.9863	0.9941	0.9992	0.9914
18.7	0.9584	0.9985	0.9908	0.9993	0.9832	0.9927	0.9992	0.9885
18.8	0.9745	0.9989	0.9952	0.9992	0.9930	0.9961	0.9992	0.9952
18.9	0.9446	0.9985	0.9949	0.9988	0.9926	0.9959	0.9989	0.9956
19.0	0.9611	0.9989	0.9952	0.9992	0.9926	0.9963	0.9992	0.9959
19.1	0.9278	0.9989	0.9951	0.9991	0.9915	0.9961	0.9991	0.9955
19.2	0.8511	0.9985	0.9943	0.9986	0.9913	0.9955	0.9986	0.9958
19.3	0.8387	0.9990	0.9956	0.9989	0.9933	0.9967	0.9989	0.9969
19.4	0.7608	0.9991	0.9955	0.9987	0.9934	0.9968	0.9988	0.9969
19.5	0.5557	0.9990	0.9946	0.9982	0.9920	0.9961	0.9983	0.9962
19.6	0.2964	0.9993	0.9948	0.9982	0.9926	0.9963	0.9983	0.9965
19.7	0.4257	0.9993	0.9951	0.9980	0.9934	0.9965	0.9981	0.9967
19.8	0.6000	0.9994	0.9954	0.9982	0.9915	0.9965	0.9983	0.9959
19.9	0.7320	0.9992	0.9934	0.9978	0.9889	0.9951	0.9979	0.9951
20.0	0.8130	0.9991	0.9930	0.9973	0.9894	0.9950	0.9974	0.9954
20.1	0.8610	0.9992	0.9937	0.9977	0.9934	0.9955	0.9977	0.9973
20.2	0.8821	0.9994	0.9956	0.9976	0.9951	0.9970	0.9977	0.9982
20.3	0.8751	0.9991	0.9925	0.9965	0.9915	0.9951	0.9966	0.9967
20.4	0.9032	0.9993	0.9923	0.9963	0.9914	0.9952	0.9964	0.9973
20.5	0.9331	0.9993	0.9910	0.9962	0.9906	0.9943	0.9963	0.9971
20.6	0.9388	0.9992	0.9895	0.9944	0.9882	0.9934	0.9945	0.9959
20.7	0.9521	0.9993	0.9907	0.9930	0.9906	0.9936	0.9930	0.9961
20.8	0.9717	0.9994	0.9925	0.9944	0.9929	0.9949	0.9944	0.9966
20.9	0.9483	0.9993	0.9895	0.9872	0.9895	0.9919	0.9874	0.9948
21.0	0.9505	0.9991	0.9878	0.9845	0.9871	0.9898	0.9846	0.9933
21.1	0.9626	0.9993	0.9859	0.9857	0.9845	0.9881	0.9857	0.9934
21.2	0.9590	0.9994	0.9823	0.9808	0.9840	0.9846	0.9808	0.9920
21.3	0.9671	0.9995	0.9853	0.9794	0.9876	0.9848	0.9792	0.9912
21.4	0.9687	0.9995	0.9888	0.9791	0.9908	0.9856	0.9790	0.9920
21.5	0.9728	0.9993	0.9857	0.9806	0.9860	0.9840	0.9804	0.9925
21.6	0.9791	0.9995	0.9857	0.9843	0.9846	0.9826	0.9841	0.9912
21.7	0.9727	0.9995	0.9862	0.9801	0.9822	0.9823	0.9801	0.9901
21.8	0.9736	0.9993	0.9860	0.9795	0.9752	0.9841	0.9793	0.9886
21.9	0.9694	0.9993	0.9868	0.9746	0.9697	0.9847	0.9744	0.9873
22.0	0.9738	0.9992	0.9794	0.9782	0.9699	0.9796	0.9782	0.9896
22.1	0.9722	0.9992	0.9775	0.9775	0.9667	0.9756	0.9775	0.9894
22.2	0.9715	0.9994	0.9858	0.9752	0.9707	0.9841	0.9754	0.9901
22.3	0.9714	0.9992	0.9846	0.9699	0.9754	0.9846	0.9697	0.9895
22.4	0.9731	0.9994	0.9830	0.9691	0.9596	0.9810	0.9687	0.9857
22.5	0.9774	0.9994	0.9824	0.9744	0.9520	0.9793	0.9740	0.9848
22.6	0.9660	0.9994	0.9896	0.9642	0.9567	0.9865	0.9642	0.9836
22.7	0.9723	0.9996	0.9856	0.9692	0.9500	0.9840	0.9692	0.9856
22.8	0.9706	0.9994	0.9813	0.9711	0.9341	0.9816	0.9708	0.9868
22.9	0.9591	0.9991	0.9791	0.9522	0.9329	0.9808	0.9520	0.9803
23.0	0.9606	0.9990	0.9731	0.9552	0.9396	0.9777	0.9551	0.9823
23.1	0.9696	0.9993	0.9771	0.9685	0.9448	0.9730	0.9682	0.9778
23.2	0.9824	0.9994	0.9810	0.9776	0.9646	0.9711	0.9769	0.9782
23.3	0.9748	0.9993	0.9834	0.9699	0.9596	0.9684	0.9694	0.9786
23.4	0.9648	0.9994	0.9828	0.9595	0.9660	0.9699	0.9590	0.9831
23.5	0.9795	0.9995	0.9885	0.9731	0.9777	0.9731	0.9723	0.9825
23.6	0.9715	0.9993	0.9839	0.9655	0.9622	0.9645	0.9645	0.9759
23.7	0.9701	0.9992	0.9829	0.9534	0.9511	0.9630	0.9515	0.9752
23.8	0.9750	0.9992	0.9831	0.9648	0.9495	0.9666	0.9635	0.9781
23.9	0.9714	0.9994	0.9811	0.9466	0.9508	0.9732	0.9438	0.9817
24.0	0.9777	0.9994	0.9834	0.9565	0.9595	0.9772	0.9531	0.9847
24.1	0.9728	0.9994	0.9811	0.9384	0.9465	0.9726	0.9343	0.9822
24.2	0.9555	0.9991	0.9704	0.9114	0.9111	0.9677	0.9056	0.9752
24.3	0.9631	0.9991	0.9684	0.9206	0.8957	0.9622	0.9141	0.9755
24.4	0.9683	0.9994	0.9761	0.9230	0.8916	0.9718	0.9172	0.9827
24.5	0.9652	0.9993	0.9681	0.9036	0.8524	0.9635	0.8970	0.9762
24.6	0.9727	0.9994	0.9756	0.8969	0.8826	0.9723	0.8860	0.9833
24.7	0.9604	0.9994	0.9819	0.9064	0.8897	0.9801	0.8972	0.9875
24.8	0.9542	0.9995	0.9815	0.9170	0.8975	0.9784	0.9041	0.9870
24.9	0.9408	0.9992	0.9603	0.8877	0.7850	0.9596	0.8674	0.9772
25.0	0.9431	0.9994	0.9628	0.8718	0.6805	0.9594	0.8515	0.9778
25.1	0.9479	0.9995	0.9643	0.8669	0.6068	0.9601	0.8421	0.9814

25.2	0.9519	0.9994	0.9596	0.8197	0.5034	0.9575	0.7896	0.9820
25.3	0.9265	0.9994	0.9440	0.7614	0.4091	0.9433	0.7257	0.9730
25.4	0.9181	0.9995	0.9425	0.7592	0.3566	0.9450	0.7266	0.9696
25.5	0.8996	0.9995	0.9471	0.7886	0.3509	0.9497	0.7590	0.9721
25.6	0.9280	0.9995	0.9509	0.7762	0.5047	0.9517	0.7398	0.9793
25.7	0.9214	0.9995	0.9395	0.6536	0.5012	0.9383	0.5928	0.9697
25.8	0.9140	0.9996	0.9491	0.6673	0.6289	0.9436	0.6199	0.9751
25.9	0.9069	0.9996	0.9503	0.6518	0.6982	0.9488	0.6042	0.9773
26.0	0.8878	0.9995	0.9261	0.6288	0.6756	0.9247	0.6150	0.9684
26.1	0.8436	0.9995	0.9165	0.6051	0.6986	0.9137	0.5771	0.9672
26.2	0.8348	0.9996	0.9214	0.6310	0.7649	0.9198	0.6103	0.9698
26.3	0.8397	0.9994	0.9148	0.6213	0.7799	0.9121	0.6175	0.9700
26.4	0.8590	0.9994	0.9133	0.6345	0.8822	0.8966	0.6430	0.9740
26.5	0.8021	0.9994	0.9053	0.6574	0.8764	0.9003	0.6542	0.9733
26.6	0.8044	0.9995	0.9095	0.8037	0.8991	0.9112	0.7889	0.9778
26.7	0.7409	0.9994	0.8815	0.6563	0.8696	0.8756	0.6529	0.9689
26.8	0.7763	0.9994	0.8979	0.6556	0.8831	0.8877	0.6704	0.9714
26.9	0.7616	0.9994	0.8838	0.6939	0.8983	0.8743	0.7156	0.9717
27.0	0.7299	0.9995	0.8642	0.6928	0.8885	0.8604	0.7541	0.9689
27.1	0.7205	0.9993	0.8285	0.7156	0.8901	0.8344	0.7775	0.9598
27.2	0.8266	0.9995	0.8796	0.8154	0.9048	0.8565	0.8599	0.9687
27.3	0.7955	0.9994	0.8301	0.8652	0.9161	0.7924	0.8943	0.9512
27.4	0.7913	0.9994	0.8230	0.9170	0.9215	0.8134	0.9229	0.9550
27.5	0.8517	0.9994	0.8264	0.9333	0.9362	0.8271	0.9339	0.9515
27.6	0.8991	0.9994	0.8370	0.9589	0.9608	0.8180	0.9645	0.9548
27.7	0.8866	0.9992	0.8461	0.9512	0.9621	0.8174	0.9526	0.9459
27.8	0.9044	0.9995	0.8936	0.9492	0.9586	0.8486	0.9458	0.9470
27.9	0.8666	0.9993	0.8609	0.9363	0.9447	0.8062	0.9345	0.9292
28.0	0.8330	0.9988	0.7908	0.9084	0.9317	0.7388	0.9020	0.8631
28.1	0.8401	0.9990	0.7608	0.9003	0.9263	0.7323	0.8973	0.8675
28.2	0.7787	0.9988	0.7287	0.8694	0.9080	0.7030	0.8683	0.8556
28.3	0.7910	0.9990	0.8210	0.8702	0.9323	0.7857	0.8606	0.8495
28.4	0.7800	0.9990	0.7297	0.8670	0.9166	0.6945	0.8581	0.8390
28.5	0.7705	0.9992	0.6958	0.8325	0.8981	0.6843	0.8352	0.8203
28.6	0.7767	0.9992	0.6705	0.8055	0.8677	0.6422	0.7955	0.7486
28.7	0.6502	0.9989	0.6435	0.6949	0.8392	0.6266	0.6767	0.7063
28.8	0.5660	0.9986	0.5470	0.6329	0.7799	0.5711	0.6086	0.6870
28.9	0.6313	0.9990	0.5539	0.6375	0.7918	0.5568	0.6169	0.6757
29.0	0.5623	0.9988	0.5414	0.5964	0.7564	0.5454	0.5967	0.6713
29.1	0.6835	0.9993	0.6921	0.7444	0.8462	0.6839	0.7492	0.8031
29.2	0.7096	0.9995	0.6744	0.7697	0.8205	0.6650	0.7515	0.7774
29.3	0.5837	0.9988	0.5281	0.5735	0.6635	0.5457	0.5585	0.6469
29.4	0.5537	0.9991	0.6242	0.5772	0.6639	0.6367	0.5885	0.6485
29.5	0.4929	0.9992	0.6206	0.5560	0.6709	0.6440	0.5691	0.7066
29.6	0.5574	0.9993	0.6887	0.5925	0.7045	0.7250	0.5892	0.7918
29.7	0.5562	0.9992	0.6788	0.5956	0.7125	0.7309	0.6042	0.8282
29.8	0.6819	0.9993	0.7236	0.6475	0.7479	0.7614	0.6480	0.8249
29.9	0.6041	0.9992	0.6080	0.6110	0.5718	0.6464	0.6127	0.7176
30.0	0.5586	0.9990	0.5021	0.5855	0.4344	0.5701	0.6176	0.6544
30.1	0.5767	0.9991	0.5984	0.5796	0.5982	0.6699	0.5795	0.7501
30.2	0.6222	0.9990	0.5726	0.5401	0.5415	0.6423	0.5361	0.7487
30.3	0.6789	0.9990	0.5172	0.5223	0.4840	0.6240	0.5567	0.7540
30.4	0.7626	0.9992	0.6879	0.6622	0.6056	0.7852	0.6921	0.7946
30.5	0.8137	0.9992	0.6972	0.6343	0.5864	0.7989	0.6342	0.7658
30.6	0.7685	0.9989	0.6500	0.5400	0.5414	0.7424	0.5474	0.7084
30.7	0.7355	0.9992	0.6200	0.6204	0.5106	0.7264	0.6536	0.7555
30.8	0.7903	0.9990	0.6357	0.6002	0.4797	0.7747	0.6402	0.8032
30.9	0.7558	0.9989	0.5931	0.5308	0.3599	0.7555	0.5754	0.7892
31.0	0.8007	0.9987	0.6408	0.3673	0.4314	0.7951	0.4083	0.8110
31.1	0.8040	0.9988	0.6377	0.3706	0.4428	0.8026	0.4283	0.7970
31.2	0.7070	0.9985	0.5607	0.3847	0.3871	0.7286	0.4507	0.7581
31.3	0.7140	0.9981	0.5184	0.3175	0.3132	0.7317	0.3719	0.7283
31.4	0.7355	0.9988	0.5673	0.2993	0.2781	0.7883	0.3806	0.7562
31.5	0.7542	0.9986	0.5937	0.3091	0.1636	0.8020	0.3844	0.7911
31.6	0.7922	0.9984	0.4775	0.3259	0.0804	0.7799	0.3914	0.7657
31.7	0.7309	0.9981	0.4536	0.3010	0.1670	0.7677	0.4022	0.7325
31.8	0.8050	0.9982	0.6292	0.4022	0.3609	0.8468	0.4591	0.8240
31.9	0.7240	0.9976	0.5236	0.3323	0.2252	0.7637	0.3553	0.7545
32.0	0.7398	0.9976	0.5746	0.5055	0.1607	0.8026	0.5591	0.7704
32.1	0.7985	0.9983	0.7393	0.6135	0.3198	0.8696	0.6498	0.8622
32.2	0.8041	0.9985	0.7685	0.6318	0.3576	0.8608	0.6523	0.8645
32.3	0.6646	0.9980	0.6905	0.6162	0.3283	0.7855	0.6314	0.8049
32.4	0.7652	0.9986	0.8134	0.7127	0.3912	0.8197	0.7217	0.8569
32.5	0.7819	0.9984	0.8352	0.7456	0.4968	0.8276	0.7502	0.8826
32.6	0.7602	0.9980	0.8094	0.7357	0.4408	0.8213	0.7414	0.8616
32.7	0.8003	0.9984	0.8625	0.7547	0.5484	0.8212	0.7555	0.9056
32.8	0.7771	0.9978	0.8507	0.7089	0.6172	0.7741	0.7079	0.8830
32.9	0.7385	0.9976	0.8334	0.7335	0.5668	0.7890	0.7298	0.8712
33.0	0.7387	0.9981	0.8637	0.7207	0.6728	0.8315	0.7067	0.8878
33.1	0.7441	0.9982	0.8567	0.5575	0.6641	0.7813	0.5365	0.8535
33.2	0.5840	0.9976	0.8435	0.5992	0.6333	0.7511	0.5936	0.8117
33.3	0.5672	0.9973	0.8144	0.6425	0.7260	0.8105	0.6443	0.8391
33.4	0.6335	0.9978	0.7973	0.5984	0.7317	0.8109	0.5995	0.8787
33.5	0.5687	0.9982	0.8021	0.5261	0.7498	0.8134	0.5296	0.8734
33.6	0.3428	0.9973	0.6881	0.4046	0.6528	0.7538	0.4199	0.7850
33.7	0.3981	0.9976	0.6959	0.4935	0.6182	0.7005	0.4985	0.7864

33.8	0.4464	0.9980	0.6892	0.4777	0.5887	0.7164	0.5039	0.8221
33.9	0.4832	0.9979	0.5867	0.4309	0.4094	0.6587	0.4811	0.7850
34.0	0.4172	0.9988	0.6653	0.5261	0.4413	0.7049	0.5714	0.8323
34.1	0.4017	0.9986	0.5613	0.3926	0.3621	0.7052	0.4531	0.8658
34.2	0.3079	0.9981	0.5336	0.4633	0.2570	0.6245	0.5049	0.7979
34.3	0.3179	0.9986	0.5877	0.4619	0.2375	0.6739	0.4877	0.7843
34.4	0.4761	0.9985	0.5427	0.3264	0.1650	0.6934	0.3849	0.8185
34.5	0.2788	0.9983	0.5842	0.3280	0.1696	0.7123	0.3846	0.7576
34.6	0.3396	0.9983	0.5821	0.2931	0.0540	0.7681	0.3526	0.7694
34.7	0.2771	0.9980	0.5879	0.4038	0.0298	0.7275	0.4549	0.7543
34.8	0.0954	0.9978	0.6277	0.4740	0.0413	0.7183	0.5095	0.7060
34.9	0.1030	0.9987	0.7389	0.6375	0.0710	0.7802	0.6658	0.7479
35.0	0.1282	0.9986	0.7455	0.6817	0.1421	0.7871	0.7107	0.7563
35.1	0.2170	0.9986	0.7215	0.6502	0.1535	0.8108	0.6823	0.7885
35.2	0.2083	0.9989	0.7927	0.7253	0.2324	0.8234	0.7506	0.7924
35.3	0.3804	0.9983	0.7979	0.7250	0.3284	0.8041	0.7613	0.8025
35.4	0.3875	0.9982	0.7931	0.7278	0.3681	0.7820	0.7641	0.7635
35.5	0.4092	0.9980	0.8201	0.7876	0.5113	0.7666	0.8065	0.8048
35.6	0.5134	0.9983	0.8319	0.7737	0.5180	0.7889	0.7952	0.8261
35.7	0.5936	0.9980	0.8428	0.7757	0.6016	0.8053	0.7975	0.8152
35.8	0.6586	0.9973	0.8315	0.7947	0.6342	0.7930	0.8192	0.8303
35.9	0.7778	0.9982	0.8810	0.8287	0.7170	0.8420	0.8420	0.8755
36.0	0.7819	0.9988	0.8910	0.8585	0.7683	0.8614	0.8515	0.8875
36.1	0.7822	0.9990	0.8834	0.8525	0.7779	0.8660	0.8596	0.8836
36.2	0.8418	0.9989	0.8885	0.8730	0.7865	0.8784	0.9001	0.9096
36.3	0.8098	0.9984	0.8720	0.9151	0.7796	0.8448	0.9219	0.8799
36.4	0.7929	0.9984	0.8780	0.9265	0.7789	0.8640	0.9372	0.8925
36.5	0.8587	0.9992	0.9150	0.9316	0.8392	0.9104	0.9430	0.9194
36.6	0.8384	0.9985	0.8843	0.9133	0.7814	0.8732	0.9275	0.8947
36.7	0.8294	0.9985	0.8800	0.9017	0.7627	0.8789	0.9088	0.9026
36.8	0.8406	0.9984	0.8805	0.9122	0.7572	0.8738	0.9111	0.9014
36.9	0.7882	0.9981	0.8627	0.8993	0.7174	0.8671	0.9086	0.8778
37.0	0.8392	0.9977	0.9043	0.9144	0.7973	0.8872	0.9285	0.8986
37.1	0.8600	0.9984	0.9271	0.9329	0.8471	0.9179	0.9440	0.9294
37.2	0.8554	0.9982	0.9239	0.9433	0.8314	0.9125	0.9457	0.9287
37.3	0.8296	0.9983	0.9349	0.9100	0.8250	0.9281	0.9184	0.9442
37.4	0.7421	0.9978	0.9224	0.8600	0.8135	0.9217	0.8629	0.9450
37.5	0.7846	0.9979	0.9219	0.8702	0.7958	0.9152	0.8785	0.9529
37.6	0.8372	0.9985	0.9442	0.8953	0.8312	0.9419	0.8900	0.9646
37.7	0.8277	0.9984	0.9281	0.8742	0.8138	0.9271	0.8503	0.9558
37.8	0.8281	0.9983	0.9196	0.8494	0.8012	0.9233	0.8258	0.9580
37.9	0.7919	0.9981	0.9205	0.8131	0.7852	0.9262	0.7875	0.9578
38.0	0.8455	0.9981	0.9285	0.8003	0.7893	0.9314	0.7650	0.9667
38.1	0.8111	0.9974	0.9125	0.7593	0.7232	0.9185	0.7479	0.9539
38.2	0.7904	0.9977	0.9170	0.7453	0.7023	0.9196	0.7111	0.9681
38.3	0.7639	0.9984	0.9272	0.6796	0.7302	0.9336	0.6178	0.9734
38.4	0.7637	0.9985	0.9366	0.6358	0.7778	0.9477	0.5741	0.9775
38.5	0.8291	0.9987	0.9385	0.5834	0.7075	0.9491	0.5274	0.9732
38.6	0.7406	0.9988	0.9174	0.4036	0.6353	0.9350	0.3517	0.9668
38.7	0.8098	0.9991	0.9509	0.5055	0.7267	0.9628	0.4810	0.9798
38.8	0.7227	0.9983	0.9397	0.4700	0.5445	0.9479	0.4612	0.9761
38.9	0.7301	0.9979	0.9104	0.3618	0.3374	0.9172	0.3305	0.9723
39.0	0.7338	0.9986	0.9208	0.4211	0.4853	0.9258	0.4443	0.9744
39.1	0.7040	0.9989	0.9368	0.4102	0.6160	0.9446	0.4750	0.9743
39.2	0.7200	0.9983	0.9274	0.4680	0.6010	0.9371	0.5315	0.9714
39.3	0.7659	0.9983	0.9405	0.4055	0.5540	0.9471	0.4856	0.9782
39.4	0.7584	0.9986	0.9544	0.4750	0.5774	0.9603	0.5912	0.9854
39.5	0.7259	0.9984	0.9519	0.4669	0.6095	0.9626	0.5944	0.9816
39.6	0.8110	0.9990	0.9576	0.4632	0.5819	0.9649	0.5880	0.9820
39.7	0.7555	0.9989	0.9589	0.4507	0.5413	0.9631	0.5873	0.9818
39.8	0.5786	0.9986	0.9545	0.5273	0.4982	0.9587	0.6285	0.9813
39.9	0.5968	0.9986	0.9631	0.7176	0.7521	0.9726	0.7910	0.9821
40.0	0.5944	0.9987	0.9614	0.6749	0.7459	0.9704	0.7496	0.9832
40.1	0.5422	0.9989	0.9567	0.6676	0.7242	0.9665	0.7480	0.9876
40.2	0.5949	0.9991	0.9585	0.7160	0.7807	0.9694	0.7890	0.9854
40.3	0.6843	0.9991	0.9665	0.7297	0.8135	0.9756	0.7977	0.9858
40.4	0.7212	0.9989	0.9712	0.7356	0.8039	0.9786	0.8081	0.9863
40.5	0.6705	0.9985	0.9717	0.7906	0.8203	0.9808	0.8659	0.9884
40.6	0.6720	0.9982	0.9646	0.8273	0.7940	0.9757	0.8984	0.9796
40.7	0.6346	0.9987	0.9657	0.8203	0.7915	0.9781	0.8816	0.9794
40.8	0.6856	0.9989	0.9698	0.8658	0.8564	0.9778	0.8967	0.9789
40.9	0.7523	0.9987	0.9771	0.8839	0.8692	0.9844	0.9255	0.9797
41.0	0.7426	0.9986	0.9777	0.9001	0.8925	0.9856	0.9371	0.9795
41.1	0.6335	0.9986	0.9726	0.8816	0.8877	0.9861	0.9181	0.9788
41.2	0.6902	0.9990	0.9765	0.9054	0.8749	0.9863	0.9199	0.9737
41.3	0.7362	0.9992	0.9829	0.9348	0.9011	0.9890	0.9462	0.9774
41.4	0.7338	0.9991	0.9855	0.9520	0.9264	0.9907	0.9562	0.9819
41.5	0.7017	0.9990	0.9837	0.9309	0.8959	0.9923	0.9469	0.9799
41.6	0.7376	0.9990	0.9825	0.9352	0.8901	0.9908	0.9486	0.9665
41.7	0.7069	0.9991	0.9815	0.9501	0.9333	0.9902	0.9636	0.9778
41.8	0.6332	0.9988	0.9794	0.9428	0.9250	0.9909	0.9597	0.9735
41.9	0.5653	0.9987	0.9823	0.9438	0.9243	0.9904	0.9526	0.9701
42.0	0.5329	0.9987	0.9836	0.9496	0.9300	0.9919	0.9609	0.9733
42.1	0.6333	0.9990	0.9896	0.9601	0.9368	0.9955	0.9637	0.9758
42.2	0.5594	0.9989	0.9846	0.9638	0.9312	0.9940	0.9686	0.9753
42.3	0.6859	0.9986	0.9786	0.9539	0.9200	0.9904	0.9555	0.9708

42.4	0.7392	0.9984	0.9804	0.9481	0.9137	0.9916	0.9539	0.9718
42.5	0.6730	0.9992	0.9821	0.9593	0.9262	0.9920	0.9591	0.9726
42.6	0.5673	0.9992	0.9811	0.9614	0.9383	0.9938	0.9598	0.9728
42.7	0.5574	0.9988	0.9847	0.9621	0.9532	0.9944	0.9647	0.9764
42.8	0.5496	0.9990	0.9852	0.9683	0.9513	0.9939	0.9655	0.9797
42.9	0.5208	0.9989	0.9845	0.9539	0.9431	0.9945	0.9496	0.9779
43.0	0.5360	0.9988	0.9827	0.9578	0.9495	0.9939	0.9591	0.9785
43.1	0.6159	0.9987	0.9767	0.9658	0.9613	0.9918	0.9684	0.9768
43.2	0.5474	0.9989	0.9841	0.9751	0.9643	0.9931	0.9759	0.9710
43.3	0.6869	0.9987	0.9863	0.9701	0.9372	0.9933	0.9689	0.9631
43.4	0.6650	0.9989	0.9902	0.9812	0.9651	0.9949	0.9805	0.9787
43.5	0.5457	0.9990	0.9905	0.9799	0.9724	0.9957	0.9794	0.9843
43.6	0.6941	0.9991	0.9854	0.9819	0.9679	0.9957	0.9814	0.9840
43.7	0.7474	0.9989	0.9873	0.9878	0.9590	0.9951	0.9842	0.9797
43.8	0.5381	0.9986	0.9845	0.9761	0.9419	0.9929	0.9723	0.9728
43.9	0.6634	0.9992	0.9878	0.9819	0.9733	0.9963	0.9810	0.9873
44.0	0.7852	0.9993	0.9859	0.9820	0.9754	0.9966	0.9826	0.9873
44.1	0.8096	0.9990	0.9831	0.9819	0.9799	0.9951	0.9832	0.9843
44.2	0.6869	0.9992	0.9815	0.9821	0.9741	0.9948	0.9826	0.9777
44.3	0.7748	0.9993	0.9872	0.9739	0.9578	0.9932	0.9749	0.9648
44.4	0.7765	0.9992	0.9897	0.9652	0.9033	0.9913	0.9650	0.9067
44.5	0.7840	0.9992	0.9901	0.9758	0.9240	0.9956	0.9753	0.9227
44.6	0.5719	0.9993	0.9882	0.9527	0.9718	0.9941	0.9520	0.9727
44.7	0.4423	0.9991	0.9842	0.9073	0.9772	0.9932	0.9023	0.9736
44.8	0.5579	0.9987	0.9818	0.9205	0.9556	0.9942	0.9187	0.9621
44.9	0.4906	0.9988	0.9841	0.9796	0.9710	0.9954	0.9777	0.9682
45.0	0.6791	0.9991	0.9848	0.9820	0.9826	0.9968	0.9797	0.9793
45.1	0.6295	0.9991	0.9858	0.9891	0.9879	0.9978	0.9882	0.9853
45.2	0.6250	0.9989	0.9907	0.9810	0.9866	0.9974	0.9814	0.9859
45.3	0.6181	0.9990	0.9887	0.9814	0.9836	0.9975	0.9813	0.9846
45.4	0.6303	0.9991	0.9857	0.9813	0.9729	0.9973	0.9812	0.9655
45.5	0.6673	0.9989	0.9868	0.9797	0.9751	0.9966	0.9794	0.9707
45.6	0.6600	0.9990	0.9840	0.9718	0.9736	0.9950	0.9721	0.9714
45.7	0.6438	0.9989	0.9871	0.9768	0.9680	0.9952	0.9757	0.9609
45.8	0.7193	0.9990	0.9866	0.9840	0.9737	0.9959	0.9820	0.9705
45.9	0.6533	0.9992	0.9864	0.9899	0.9798	0.9971	0.9897	0.9841
46.0	0.6061	0.9992	0.9850	0.9773	0.9770	0.9955	0.9768	0.9798
46.1	0.6325	0.9986	0.9814	0.9533	0.9752	0.9930	0.9515	0.9515
46.2	0.5444	0.9988	0.9810	0.9384	0.9573	0.9933	0.9358	0.9283
46.3	0.4514	0.9990	0.9820	0.9071	0.9199	0.9904	0.9036	0.8700
46.4	0.3443	0.9989	0.9861	0.9762	0.9520	0.9940	0.9741	0.9169
46.5	0.5693	0.9990	0.9879	0.9513	0.9164	0.9893	0.9457	0.8647
46.6	0.8142	0.9988	0.9923	0.9443	0.9452	0.9946	0.9323	0.8474
46.7	0.8980	0.9986	0.9891	0.9734	0.9710	0.9971	0.9703	0.8724
46.8	0.8958	0.9988	0.9874	0.9716	0.9742	0.9946	0.9697	0.7467
46.9	0.8799	0.9989	0.9861	0.9718	0.9579	0.9913	0.9711	0.7972
47.0	0.8888	0.9992	0.9863	0.9708	0.9385	0.9917	0.9677	0.8436
47.1	0.8619	0.9990	0.9812	0.9241	0.8512	0.9880	0.9161	0.6552
47.2	0.8961	0.9990	0.9830	0.9340	0.9174	0.9903	0.9278	0.1062
47.3	0.9275	0.9991	0.9838	0.9806	0.9670	0.9954	0.9800	0.8059
47.4	0.9107	0.9991	0.9797	0.9829	0.9712	0.9949	0.9828	0.9144
47.5	0.9363	0.9993	0.9851	0.9866	0.9831	0.9974	0.9868	0.9520
47.6	0.9371	0.9992	0.9873	0.9868	0.9791	0.9976	0.9860	0.9350
47.7	0.9382	0.9992	0.9853	0.9867	0.9770	0.9960	0.9849	0.8593
47.8	0.8977	0.9988	0.9841	0.9803	0.9516	0.9941	0.9777	0.6096
47.9	0.8938	0.9988	0.9889	0.9856	0.9553	0.9952	0.9841	0.4856
48.0	0.9250	0.9987	0.9877	0.9793	0.9443	0.9964	0.9763	0.5411
48.1	0.9245	0.9990	0.9880	0.9723	0.9482	0.9968	0.9677	0.1690
48.2	0.9157	0.9985	0.9805	0.9701	0.9641	0.9953	0.9676	0.7017
48.3	0.9043	0.9988	0.9836	0.9598	0.9791	0.9946	0.9570	0.8508
48.4	0.8983	0.9988	0.9866	0.9750	0.9754	0.9962	0.9721	0.7707
48.5	0.9132	0.9990	0.9816	0.9718	0.9658	0.9961	0.9679	0.6730
48.6	0.9098	0.9989	0.9819	0.9633	0.9788	0.9961	0.9581	0.8657
48.7	0.8946	0.9987	0.9749	0.9587	0.9721	0.9942	0.9537	0.8527
48.8	0.9015	0.9985	0.9748	0.9779	0.9765	0.9955	0.9750	0.7366
48.9	0.8739	0.9983	0.9781	0.9749	0.9500	0.9938	0.9713	0.4603
49.0	0.7978	0.9987	0.9753	0.9711	0.9543	0.9948	0.9667	0.8585
49.1	0.7438	0.9986	0.9666	0.9588	0.9589	0.9953	0.9500	0.8343
49.2	0.7213	0.9987	0.9451	0.9526	0.9501	0.9926	0.9460	0.8836
49.3	0.8316	0.9986	0.9630	0.9763	0.9772	0.9944	0.9719	0.9341
49.4	0.8166	0.9988	0.9548	0.9797	0.9786	0.9945	0.9761	0.9225
49.5	0.8128	0.9984	0.9515	0.9569	0.9666	0.9937	0.9520	0.8666
49.6	0.8021	0.9985	0.9407	0.9568	0.9701	0.9950	0.9523	0.9231
49.7	0.7987	0.9990	0.9382	0.9840	0.9895	0.9967	0.9818	0.9476
49.8	0.8942	0.9988	0.9524	0.9871	0.9871	0.9967	0.9851	0.9266
49.9	0.8805	0.9981	0.9395	0.9577	0.9626	0.9947	0.9528	0.7530
50.0	0.8935	0.9984	0.9319	0.9522	0.9700	0.9952	0.9469	0.8629
50.1	0.8510	0.9980	0.9231	0.9722	0.9867	0.9957	0.9668	0.9173
50.2	0.8730	0.9986	0.9489	0.9862	0.9933	0.9962	0.9831	0.9432
50.3	0.9127	0.9988	0.9636	0.9908	0.9921	0.9967	0.9889	0.9500
50.4	0.8818	0.9989	0.9609	0.9899	0.9926	0.9961	0.9885	0.9247
50.5	0.8222	0.9985	0.9628	0.9847	0.9905	0.9948	0.9822	0.9157
50.6	0.8309	0.9985	0.9630	0.9813	0.9885	0.9962	0.9779	0.8816
50.7	0.8612	0.9985	0.9712	0.9773	0.9864	0.9961	0.9716	0.7867
50.8	0.8601	0.9981	0.9626	0.9736	0.9889	0.9947	0.9673	0.8371
50.9	0.7917	0.9983	0.9555	0.9545	0.9786	0.9933	0.9453	0.7572

51.0	0.8103	0.9986	0.9560	0.9320	0.9619	0.9931	0.9126	0.7788
51.1	0.8098	0.9983	0.9293	0.9503	0.9652	0.9932	0.9401	0.8596
51.2	0.8576	0.9984	0.9270	0.9706	0.9747	0.9954	0.9641	0.8837
51.3	0.8786	0.9987	0.9529	0.9741	0.9854	0.9968	0.9672	0.8741
51.4	0.8246	0.9983	0.9465	0.9566	0.9842	0.9951	0.9420	0.8202
51.5	0.8123	0.9981	0.9313	0.9234	0.9668	0.9946	0.9045	0.8216
51.6	0.8197	0.9981	0.9180	0.9611	0.9799	0.9945	0.9542	0.9178
51.7	0.8027	0.9978	0.8448	0.9618	0.9791	0.9939	0.9556	0.8891
51.8	0.8461	0.9984	0.8616	0.9540	0.9808	0.9942	0.9457	0.8471
51.9	0.8171	0.9978	0.9023	0.9640	0.9797	0.9944	0.9565	0.8753
52.0	0.8108	0.9980	0.9234	0.9686	0.9813	0.9938	0.9613	0.8959
52.1	0.8278	0.9985	0.9236	0.9734	0.9844	0.9949	0.9676	0.9083
52.2	0.7751	0.9983	0.9003	0.9780	0.9891	0.9970	0.9733	0.9109
52.3	0.7916	0.9982	0.8905	0.9761	0.9859	0.9973	0.9706	0.8588
52.4	0.7729	0.9979	0.9122	0.9716	0.9872	0.9971	0.9634	0.8232
52.5	0.7524	0.9980	0.9148	0.9700	0.9870	0.9946	0.9612	0.8686
52.6	0.7728	0.9985	0.9210	0.9660	0.9852	0.9956	0.9575	0.8380
52.7	0.6246	0.9983	0.9290	0.9371	0.9720	0.9936	0.9228	0.7678
52.8	0.5348	0.9978	0.8826	0.9243	0.9620	0.9909	0.9133	0.8420
52.9	0.3826	0.9975	0.8072	0.9503	0.9714	0.9918	0.9434	0.8855
53.0	0.3929	0.9973	0.7299	0.9599	0.9752	0.9923	0.9531	0.8785
53.1	0.2672	0.9973	0.7414	0.9586	0.9732	0.9929	0.9509	0.8054
53.2	0.2600	0.9975	0.6906	0.9549	0.9743	0.9939	0.9473	0.8375
53.3	0.1746	0.9985	0.6010	0.9687	0.9828	0.9949	0.9624	0.8596
53.4	0.2615	0.9981	0.6598	0.9693	0.9804	0.9945	0.9612	0.8256
53.5	0.4585	0.9980	0.7973	0.9713	0.9778	0.9944	0.9643	0.9069
53.6	0.7127	0.9975	0.8386	0.9451	0.9680	0.9938	0.9308	0.9036
53.7	0.7988	0.9978	0.8309	0.9242	0.9634	0.9917	0.9116	0.9246
53.8	0.7847	0.9978	0.8060	0.9167	0.9304	0.9864	0.9046	0.9121
53.9	0.7793	0.9981	0.8056	0.9172	0.9308	0.9821	0.9087	0.9021
54.0	0.8330	0.9980	0.9186	0.9687	0.9780	0.9904	0.9660	0.9634
54.1	0.6941	0.9980	0.9318	0.9771	0.9815	0.9913	0.9754	0.9584
54.2	0.7408	0.9970	0.7620	0.9237	0.9216	0.9799	0.9144	0.7523
54.3	0.8973	0.9970	0.8481	0.9430	0.9506	0.9834	0.9358	0.8658
54.4	0.9416	0.9976	0.9246	0.9723	0.9807	0.9892	0.9693	0.9504
54.5	0.9485	0.9978	0.9664	0.9871	0.9897	0.9939	0.9858	0.9757
54.6	0.9546	0.9964	0.9407	0.9777	0.9851	0.9905	0.9752	0.9556
54.7	0.9491	0.9973	0.8851	0.9631	0.9702	0.9860	0.9591	0.8614
54.8	0.9058	0.9979	0.7680	0.9429	0.9396	0.9851	0.9343	0.8362
54.9	0.9205	0.9977	0.8767	0.9578	0.9547	0.9858	0.9535	0.9226
55.0	0.9413	0.9974	0.9402	0.9738	0.9752	0.9883	0.9715	0.9509
55.1	0.9647	0.9975	0.9623	0.9850	0.9876	0.9925	0.9834	0.9706
55.2	0.9483	0.9969	0.9677	0.9864	0.9907	0.9933	0.9850	0.9707
55.3	0.9495	0.9965	0.9573	0.9792	0.9841	0.9886	0.9764	0.9498
55.4	0.9156	0.9977	0.9476	0.9807	0.9851	0.9908	0.9783	0.9387
55.5	0.8417	0.9973	0.8054	0.9397	0.9620	0.9858	0.9308	0.8543
55.6	0.9190	0.9980	0.9152	0.9666	0.9780	0.9883	0.9628	0.9356
55.7	0.9425	0.9977	0.9642	0.9837	0.9904	0.9928	0.9816	0.9671
55.8	0.9542	0.9978	0.9774	0.9896	0.9940	0.9952	0.9881	0.9740
55.9	0.9408	0.9982	0.9740	0.9860	0.9910	0.9927	0.9839	0.9624
56.0	0.8720	0.9978	0.9152	0.9559	0.9681	0.9844	0.9492	0.8685
56.1	0.8569	0.9974	0.8988	0.9483	0.9630	0.9846	0.9420	0.9035
56.2	0.9232	0.9971	0.9514	0.9740	0.9825	0.9905	0.9714	0.9477
56.3	0.9353	0.9980	0.9792	0.9893	0.9936	0.9942	0.9879	0.9764
56.4	0.9307	0.9982	0.9826	0.9908	0.9956	0.9952	0.9895	0.9821
56.5	0.9242	0.9981	0.9841	0.9914	0.9962	0.9956	0.9900	0.9823
56.6	0.8897	0.9973	0.9813	0.9894	0.9947	0.9947	0.9877	0.9783
56.7	0.8662	0.9972	0.9837	0.9911	0.9955	0.9949	0.9897	0.9796
56.8	0.8415	0.9975	0.9810	0.9902	0.9953	0.9940	0.9887	0.9740
56.9	0.8249	0.9973	0.9791	0.9886	0.9948	0.9941	0.9868	0.9649
57.0	0.7447	0.9978	0.9763	0.9872	0.9924	0.9928	0.9850	0.9602
57.1	0.5295	0.9974	0.9577	0.9738	0.9746	0.9886	0.9694	0.9164
57.2	0.5615	0.9978	0.8788	0.9173	0.9182	0.9729	0.9080	0.8640
57.3	0.8393	0.9986	0.9599	0.9758	0.9819	0.9903	0.9728	0.9651
57.4	0.8416	0.9980	0.9744	0.9853	0.9888	0.9924	0.9833	0.9720
57.5	0.9081	0.9985	0.9857	0.9931	0.9957	0.9963	0.9919	0.9853
57.6	0.8939	0.9984	0.9885	0.9940	0.9971	0.9963	0.9931	0.9887
57.7	0.8832	0.9985	0.9903	0.9951	0.9976	0.9964	0.9945	0.9883
57.8	0.8887	0.9985	0.9898	0.9959	0.9976	0.9969	0.9952	0.9898
57.9	0.8677	0.9976	0.9866	0.9960	0.9973	0.9966	0.9953	0.9867
58.0	0.8424	0.9982	0.9900	0.9945	0.9971	0.9959	0.9938	0.9874
58.1	0.8246	0.9985	0.9908	0.9954	0.9976	0.9967	0.9947	0.9892
58.2	0.8254	0.9975	0.9881	0.9950	0.9971	0.9958	0.9942	0.9867
58.3	0.7771	0.9964	0.9833	0.9920	0.9967	0.9946	0.9908	0.9841
58.4	0.8889	0.9978	0.9873	0.9942	0.9975	0.9960	0.9931	0.9859
58.5	0.8821	0.9981	0.9892	0.9943	0.9967	0.9962	0.9932	0.9787
58.6	0.8809	0.9980	0.9856	0.9930	0.9948	0.9959	0.9918	0.9750
58.7	0.9063	0.9975	0.9907	0.9950	0.9960	0.9954	0.9945	0.9867
58.8	0.8698	0.9970	0.9873	0.9942	0.9960	0.9952	0.9935	0.9827
58.9	0.8507	0.9971	0.9910	0.9951	0.9975	0.9962	0.9944	0.9879
59.0	0.7415	0.9967	0.9900	0.9939	0.9969	0.9945	0.9933	0.9882
59.1	0.8360	0.9973	0.9917	0.9946	0.9971	0.9951	0.9941	0.9896
59.2	0.9115	0.9981	0.9939	0.9960	0.9974	0.9962	0.9957	0.9915
59.3	0.9008	0.9973	0.9949	0.9963	0.9976	0.9962	0.9958	0.9900
59.4	0.9132	0.9981	0.9953	0.9960	0.9977	0.9966	0.9954	0.9914
59.5	0.9064	0.9979	0.9937	0.9953	0.9976	0.9960	0.9947	0.9931

59.6	0.8783	0.9974	0.9937	0.9955	0.9975	0.9962	0.9950	0.9914
59.7	0.8867	0.9978	0.9950	0.9953	0.9974	0.9966	0.9948	0.9914
59.8	0.8969	0.9979	0.9944	0.9955	0.9974	0.9968	0.9951	0.9946
59.9	0.9166	0.9975	0.9931	0.9946	0.9976	0.9963	0.9946	0.9934
60.0	0.9212	0.9973	0.9906	0.9941	0.9979	0.9963	0.9950	0.9920
60.1	0.9189	0.9969	0.9936	0.9947	0.9973	0.9961	0.9944	0.9920
60.2	0.9426	0.9967	0.9932	0.9934	0.9968	0.9950	0.9924	0.9857
60.3	0.9424	0.9975	0.9946	0.9950	0.9972	0.9957	0.9943	0.9881
60.4	0.9467	0.9971	0.9959	0.9957	0.9969	0.9956	0.9952	0.9911
60.5	0.9609	0.9967	0.9965	0.9961	0.9969	0.9952	0.9956	0.9892
60.6	0.9638	0.9971	0.9965	0.9965	0.9974	0.9957	0.9959	0.9902
60.7	0.9666	0.9973	0.9961	0.9969	0.9974	0.9964	0.9965	0.9914
60.8	0.9684	0.9969	0.9965	0.9968	0.9967	0.9961	0.9963	0.9904
60.9	0.9677	0.9966	0.9967	0.9957	0.9972	0.9962	0.9950	0.9901
61.0	0.9612	0.9966	0.9953	0.9949	0.9966	0.9949	0.9945	0.9916
61.1	0.9726	0.9969	0.9963	0.9951	0.9975	0.9950	0.9946	0.9918
61.2	0.9576	0.9954	0.9958	0.9940	0.9966	0.9939	0.9935	0.9888
61.3	0.9625	0.9943	0.9946	0.9945	0.9960	0.9951	0.9942	0.9904
61.4	0.9467	0.9950	0.9941	0.9938	0.9952	0.9941	0.9935	0.9898
61.5	0.9461	0.9961	0.9958	0.9951	0.9958	0.9948	0.9947	0.9894
61.6	0.9547	0.9962	0.9967	0.9955	0.9966	0.9954	0.9950	0.9887
61.7	0.9286	0.9940	0.9965	0.9949	0.9958	0.9933	0.9945	0.9866
61.8	0.9442	0.9962	0.9968	0.9963	0.9971	0.9949	0.9960	0.9915
61.9	0.9563	0.9966	0.9966	0.9962	0.9970	0.9955	0.9959	0.9921
62.0	0.9440	0.9957	0.9942	0.9949	0.9953	0.9940	0.9945	0.9884
62.1	0.9326	0.9943	0.9938	0.9938	0.9943	0.9923	0.9933	0.9851
62.2	0.9547	0.9961	0.9961	0.9967	0.9966	0.9956	0.9964	0.9898
62.3	0.9451	0.9952	0.9959	0.9962	0.9951	0.9942	0.9960	0.9894
62.4	0.9464	0.9951	0.9960	0.9958	0.9944	0.9937	0.9955	0.9886
62.5	0.9464	0.9958	0.9950	0.9960	0.9955	0.9953	0.9956	0.9888
62.6	0.9343	0.9947	0.9954	0.9953	0.9957	0.9940	0.9950	0.9855
62.7	0.9162	0.9934	0.9953	0.9934	0.9955	0.9921	0.9929	0.9832
62.8	0.9295	0.9952	0.9962	0.9946	0.9960	0.9933	0.9940	0.9857
62.9	0.9169	0.9945	0.9954	0.9930	0.9951	0.9903	0.9925	0.9828
63.0	0.8993	0.9938	0.9944	0.9923	0.9938	0.9898	0.9919	0.9847
63.1	0.9072	0.9941	0.9950	0.9944	0.9946	0.9924	0.9941	0.9826
63.2	0.9050	0.9934	0.9950	0.9934	0.9951	0.9906	0.9929	0.9836
63.3	0.9309	0.9945	0.9954	0.9931	0.9959	0.9915	0.9925	0.9858
63.4	0.9424	0.9960	0.9965	0.9949	0.9965	0.9935	0.9945	0.9892
63.5	0.9205	0.9952	0.9957	0.9947	0.9953	0.9933	0.9944	0.9877
63.6	0.8910	0.9933	0.9938	0.9931	0.9932	0.9894	0.9928	0.9841
63.7	0.8828	0.9946	0.9947	0.9935	0.9944	0.9900	0.9930	0.9841
63.8	0.8673	0.9941	0.9936	0.9926	0.9946	0.9901	0.9921	0.9848
63.9	0.8557	0.9949	0.9943	0.9938	0.9948	0.9910	0.9933	0.9858
64.0	0.8437	0.9933	0.9935	0.9921	0.9941	0.9902	0.9916	0.9836
64.1	0.8250	0.9925	0.9915	0.9892	0.9935	0.9860	0.9885	0.9801
64.2	0.8676	0.9929	0.9917	0.9915	0.9933	0.9846	0.9908	0.9795
64.3	0.8877	0.9954	0.9937	0.9945	0.9953	0.9898	0.9941	0.9852
64.4	0.8497	0.9943	0.9917	0.9918	0.9941	0.9880	0.9911	0.9834
64.5	0.8415	0.9917	0.9917	0.9918	0.9925	0.9851	0.9912	0.9742
64.6	0.8447	0.9920	0.9917	0.9923	0.9918	0.9867	0.9917	0.9775
64.7	0.8704	0.9942	0.9934	0.9938	0.9941	0.9881	0.9934	0.9757
64.8	0.8700	0.9933	0.9921	0.9923	0.9934	0.9883	0.9917	0.9725
64.9	0.8988	0.9943	0.9928	0.9927	0.9942	0.9891	0.9921	0.9756
65.0	0.8966	0.9947	0.9928	0.9913	0.9941	0.9892	0.9904	0.9724
65.1	0.9117	0.9939	0.9934	0.9936	0.9939	0.9903	0.9930	0.9710
65.2	0.8908	0.9913	0.9895	0.9901	0.9921	0.9854	0.9895	0.9701
65.3	0.8696	0.9919	0.9886	0.9877	0.9914	0.9860	0.9871	0.9608
65.4	0.8664	0.9920	0.9882	0.9865	0.9914	0.9856	0.9856	0.9450
65.5	0.9014	0.9914	0.9895	0.9891	0.9910	0.9861	0.9884	0.9597
65.6	0.9300	0.9942	0.9920	0.9917	0.9932	0.9899	0.9911	0.9719
65.7	0.9024	0.9927	0.9904	0.9905	0.9910	0.9861	0.9899	0.9660
65.8	0.8888	0.9914	0.9883	0.9857	0.9896	0.9829	0.9848	0.9756
65.9	0.9295	0.9927	0.9905	0.9879	0.9915	0.9842	0.9870	0.9688
66.0	0.9461	0.9917	0.9895	0.9892	0.9915	0.9843	0.9886	0.9677
66.1	0.9353	0.9918	0.9893	0.9887	0.9915	0.9859	0.9880	0.9712
66.2	0.9364	0.9921	0.9855	0.9834	0.9905	0.9782	0.9824	0.9666
66.3	0.9580	0.9937	0.9901	0.9887	0.9922	0.9833	0.9878	0.9727
66.4	0.9503	0.9923	0.9852	0.9870	0.9903	0.9805	0.9860	0.9727
66.5	0.9331	0.9896	0.9779	0.9808	0.9874	0.9748	0.9793	0.9713
66.6	0.9630	0.9913	0.9828	0.9859	0.9899	0.9788	0.9852	0.9738
66.7	0.9787	0.9935	0.9863	0.9894	0.9916	0.9793	0.9890	0.9718
66.8	0.9743	0.9929	0.9861	0.9867	0.9913	0.9777	0.9859	0.9765
66.9	0.9729	0.9932	0.9882	0.9854	0.9919	0.9817	0.9842	0.9801
67.0	0.9713	0.9933	0.9860	0.9856	0.9923	0.9809	0.9846	0.9763
67.1	0.9776	0.9922	0.9836	0.9824	0.9902	0.9724	0.9813	0.9802
67.2	0.9808	0.9944	0.9868	0.9859	0.9927	0.9805	0.9850	0.9816
67.3	0.9813	0.9933	0.9836	0.9804	0.9911	0.9773	0.9792	0.9835
67.4	0.9807	0.9929	0.9797	0.9764	0.9910	0.9747	0.9757	0.9741
67.5	0.9843	0.9932	0.9822	0.9788	0.9917	0.9704	0.9778	0.9794
67.6	0.9795	0.9921	0.9741	0.9773	0.9904	0.9560	0.9770	0.9800
67.7	0.9821	0.9934	0.9818	0.9776	0.9922	0.9766	0.9772	0.9807
67.8	0.9895	0.9944	0.9866	0.9802	0.9927	0.9732	0.9796	0.9896
67.9	0.9887	0.9946	0.9860	0.9793	0.9931	0.9660	0.9786	0.9895
68.0	0.9802	0.9927	0.9801	0.9721	0.9904	0.9578	0.9716	0.9848
68.1	0.9835	0.9928	0.9857	0.9769	0.9907	0.9595	0.9763	0.9877

68.2	0.9864	0.9950	0.9887	0.9757	0.9932	0.9675	0.9753	0.9900
68.3	0.9870	0.9944	0.9851	0.9631	0.9923	0.9605	0.9630	0.9871
68.4	0.9880	0.9949	0.9863	0.9601	0.9932	0.9678	0.9617	0.9880
68.5	0.9917	0.9955	0.9886	0.9684	0.9945	0.9702	0.9705	0.9869
68.6	0.9808	0.9936	0.9858	0.9551	0.9920	0.9628	0.9577	0.9838
68.7	0.9827	0.9946	0.9853	0.9615	0.9926	0.9557	0.9650	0.9882
68.8	0.9804	0.9946	0.9831	0.9489	0.9913	0.9535	0.9556	0.9858
68.9	0.9863	0.9950	0.9840	0.9485	0.9928	0.9523	0.9565	0.9867
69.0	0.9891	0.9957	0.9891	0.9485	0.9943	0.9583	0.9560	0.9882
69.1	0.9833	0.9948	0.9867	0.9230	0.9924	0.9487	0.9373	0.9842
69.2	0.9833	0.9942	0.9859	0.9036	0.9927	0.9508	0.9239	0.9815
69.3	0.9875	0.9952	0.9882	0.9031	0.9934	0.9661	0.9279	0.9824
69.4	0.9870	0.9955	0.9903	0.8985	0.9934	0.9685	0.9295	0.9833
69.5	0.9861	0.9953	0.9879	0.8700	0.9929	0.9634	0.9139	0.9810
69.6	0.9851	0.9957	0.9875	0.8779	0.9941	0.9736	0.9237	0.9818
69.7	0.9820	0.9957	0.9876	0.8430	0.9941	0.9668	0.9086	0.9828
69.8	0.9808	0.9943	0.9881	0.8376	0.9916	0.9664	0.9115	0.9798
69.9	0.9889	0.9955	0.9879	0.8173	0.9925	0.9674	0.9085	0.9837
70.0	0.9891	0.9956	0.9865	0.7927	0.9929	0.9617	0.8996	0.9808
70.1	0.9878	0.9965	0.9893	0.7843	0.9947	0.9699	0.8979	0.9796
70.2	0.9881	0.9956	0.9873	0.8414	0.9937	0.9633	0.9179	0.9815
70.3	0.9876	0.9953	0.9880	0.8386	0.9931	0.9580	0.9093	0.9806
70.4	0.9873	0.9946	0.9860	0.8639	0.9921	0.9643	0.9177	0.9779
70.5	0.9806	0.9960	0.9854	0.8767	0.9935	0.9605	0.9201	0.9713
70.6	0.9763	0.9956	0.9804	0.8552	0.9914	0.9528	0.8990	0.9684
70.7	0.9756	0.9932	0.9753	0.8550	0.9894	0.9430	0.8976	0.9666
70.8	0.9822	0.9947	0.9848	0.8730	0.9918	0.9450	0.9045	0.9758
70.9	0.9842	0.9962	0.9823	0.8990	0.9934	0.9526	0.9230	0.9790
71.0	0.9824	0.9961	0.9823	0.9040	0.9936	0.9544	0.9249	0.9704
71.1	0.9896	0.9973	0.9912	0.9535	0.9954	0.9709	0.9611	0.9780
71.2	0.9862	0.9960	0.9849	0.9512	0.9935	0.9596	0.9578	0.9770
71.3	0.9838	0.9946	0.9815	0.9452	0.9909	0.9526	0.9506	0.9743
71.4	0.9837	0.9950	0.9819	0.9434	0.9911	0.9611	0.9471	0.9799
71.5	0.9886	0.9969	0.9827	0.9539	0.9939	0.9588	0.9570	0.9775
71.6	0.9891	0.9966	0.9834	0.9541	0.9939	0.9601	0.9562	0.9755
71.7	0.9871	0.9966	0.9824	0.9564	0.9934	0.9620	0.9570	0.9740
71.8	0.9817	0.9953	0.9807	0.9558	0.9919	0.9601	0.9551	0.9679
71.9	0.9832	0.9947	0.9822	0.9643	0.9924	0.9578	0.9640	0.9626
72.0	0.9789	0.9953	0.9807	0.9550	0.9911	0.9515	0.9537	0.9678
72.1	0.9835	0.9956	0.9810	0.9730	0.9922	0.9600	0.9722	0.9718
72.2	0.9890	0.9959	0.9844	0.9785	0.9938	0.9671	0.9778	0.9754
72.3	0.9864	0.9961	0.9825	0.9728	0.9929	0.9651	0.9717	0.9690
72.4	0.9868	0.9965	0.9790	0.9676	0.9920	0.9653	0.9647	0.9763
72.5	0.9879	0.9972	0.9849	0.9704	0.9940	0.9668	0.9671	0.9782
72.6	0.9854	0.9961	0.9824	0.9668	0.9918	0.9615	0.9632	0.9784
72.7	0.9794	0.9945	0.9705	0.9623	0.9885	0.9379	0.9582	0.9659
72.8	0.9827	0.9958	0.9772	0.9642	0.9919	0.9458	0.9609	0.9582
72.9	0.9807	0.9965	0.9751	0.9528	0.9911	0.9427	0.9484	0.9586
73.0	0.9799	0.9970	0.9775	0.9624	0.9918	0.9509	0.9590	0.9621
73.1	0.9800	0.9959	0.9755	0.9640	0.9897	0.9410	0.9601	0.9689
73.2	0.9796	0.9955	0.9726	0.9576	0.9896	0.9346	0.9525	0.9689
73.3	0.9794	0.9964	0.9741	0.9600	0.9916	0.9416	0.9546	0.9747
73.4	0.9763	0.9971	0.9770	0.9593	0.9919	0.9392	0.9542	0.9733
73.5	0.9772	0.9971	0.9772	0.9610	0.9897	0.9373	0.9569	0.9681
73.6	0.9828	0.9970	0.9794	0.9629	0.9911	0.9415	0.9582	0.9665
73.7	0.9836	0.9971	0.9742	0.9562	0.9905	0.9380	0.9498	0.9639
73.8	0.9862	0.9973	0.9785	0.9624	0.9921	0.9432	0.9564	0.9706
73.9	0.9855	0.9970	0.9717	0.9548	0.9897	0.9243	0.9477	0.9585
74.0	0.9859	0.9972	0.9724	0.9595	0.9898	0.9322	0.9540	0.9743
74.1	0.9784	0.9963	0.9577	0.9357	0.9876	0.8981	0.9264	0.9551
74.2	0.9645	0.9941	0.9440	0.9205	0.9853	0.8551	0.9075	0.9523
74.3	0.9748	0.9965	0.9592	0.9400	0.9886	0.8793	0.9299	0.9657
74.4	0.9711	0.9960	0.9521	0.9241	0.9810	0.8704	0.9129	0.9460
74.5	0.9765	0.9967	0.9588	0.9340	0.9847	0.8931	0.9247	0.9523
74.6	0.9842	0.9971	0.9672	0.9510	0.9897	0.9149	0.9438	0.9639
74.7	0.9788	0.9970	0.9607	0.9285	0.9866	0.8877	0.9174	0.9437
74.8	0.9768	0.9970	0.9571	0.9266	0.9868	0.8950	0.9154	0.9460
74.9	0.9707	0.9969	0.9591	0.9316	0.9868	0.8879	0.9192	0.9484
75.0	0.9734	0.9968	0.9579	0.9266	0.9848	0.8704	0.9137	0.9358
75.1	0.9703	0.9967	0.9615	0.9349	0.9862	0.8760	0.9246	0.9335
75.2	0.9719	0.9972	0.9647	0.9385	0.9863	0.8834	0.9294	0.9396
75.3	0.9723	0.9969	0.9603	0.9338	0.9834	0.8745	0.9228	0.9273
75.4	0.9651	0.9969	0.9541	0.9298	0.9762	0.8863	0.9183	0.8954
75.5	0.9644	0.9967	0.9543	0.9262	0.9791	0.8786	0.9137	0.9137
75.6	0.9650	0.9967	0.9397	0.9161	0.9794	0.8562	0.9031	0.9119
75.7	0.9768	0.9968	0.9567	0.9402	0.9789	0.8696	0.9313	0.9153
75.8	0.9727	0.9964	0.9662	0.9454	0.9788	0.8681	0.9379	0.9211
75.9	0.9679	0.9960	0.9567	0.9356	0.9775	0.8418	0.9270	0.9180
76.0	0.9717	0.9969	0.9572	0.9439	0.9777	0.8668	0.9364	0.9274
76.1	0.9636	0.9966	0.9549	0.9389	0.9725	0.8446	0.9293	0.9016
76.2	0.9638	0.9966	0.9442	0.9289	0.9654	0.8234	0.9204	0.8792
76.3	0.9764	0.9973	0.9684	0.9617	0.9822	0.8937	0.9570	0.9263
76.4	0.9717	0.9974	0.9616	0.9561	0.9733	0.8726	0.9499	0.9318
76.5	0.9622	0.9961	0.9544	0.9470	0.9510	0.8018	0.9373	0.8727
76.6	0.9593	0.9967	0.9455	0.9431	0.9563	0.8127	0.9351	0.8384
76.7	0.9683	0.9965	0.9520	0.9585	0.9541	0.8690	0.9557	0.8591

76.8	0.9705	0.9969	0.9587	0.9664	0.9477	0.8682	0.9635	0.8697
76.9	0.9607	0.9966	0.9527	0.9560	0.9358	0.8639	0.9512	0.8662
77.0	0.9632	0.9970	0.9526	0.9599	0.9372	0.8447	0.9549	0.8728
77.1	0.9662	0.9973	0.9564	0.9591	0.9427	0.8520	0.9539	0.8855
77.2	0.9624	0.9972	0.9516	0.9644	0.9245	0.8549	0.9592	0.8459
77.3	0.9634	0.9976	0.9567	0.9729	0.9188	0.8671	0.9691	0.8354
77.4	0.9534	0.9972	0.9459	0.9607	0.9181	0.8476	0.9568	0.8427
77.5	0.9523	0.9972	0.9498	0.9722	0.9217	0.8638	0.9694	0.8549
77.6	0.9570	0.9975	0.9562	0.9752	0.9350	0.8824	0.9719	0.8599
77.7	0.9366	0.9958	0.9377	0.9651	0.8938	0.8640	0.9616	0.7518
77.8	0.9430	0.9966	0.9476	0.9721	0.9104	0.8805	0.9710	0.8256
77.9	0.9534	0.9973	0.9604	0.9747	0.9349	0.8678	0.9700	0.8748
78.0	0.9486	0.9963	0.9602	0.9742	0.9350	0.8662	0.9703	0.8631
78.1	0.9445	0.9968	0.9559	0.9695	0.9335	0.8514	0.9656	0.8750
78.2	0.9481	0.9951	0.9612	0.9702	0.9286	0.8137	0.9649	0.8869
78.3	0.9618	0.9968	0.9723	0.9803	0.9442	0.8199	0.9757	0.9155
78.4	0.9644	0.9970	0.9763	0.9803	0.9549	0.8206	0.9753	0.9405
78.5	0.9517	0.9954	0.9636	0.9700	0.9254	0.7512	0.9611	0.9089
78.6	0.9561	0.9954	0.9692	0.9733	0.9398	0.7966	0.9667	0.9260
78.7	0.9613	0.9967	0.9701	0.9769	0.9365	0.8171	0.9765	0.9244
78.8	0.9654	0.9966	0.9607	0.9730	0.9195	0.7669	0.9735	0.9199
78.9	0.9533	0.9963	0.9464	0.9482	0.9030	0.7426	0.9449	0.9154
79.0	0.9452	0.9959	0.9537	0.9501	0.9144	0.8295	0.9430	0.9322
79.1	0.9553	0.9950	0.9743	0.9693	0.9462	0.8955	0.9634	0.9531
79.2	0.9660	0.9964	0.9816	0.9824	0.9467	0.9219	0.9779	0.9636
79.3	0.9609	0.9959	0.9811	0.9828	0.9433	0.9236	0.9778	0.9584
79.4	0.9576	0.9963	0.9821	0.9794	0.9543	0.9213	0.9751	0.9673
79.5	0.9529	0.9964	0.9853	0.9839	0.9536	0.9213	0.9804	0.9685
79.6	0.9740	0.9974	0.9856	0.9887	0.9535	0.9597	0.9877	0.9688
79.7	0.9712	0.9974	0.9868	0.9890	0.9592	0.9640	0.9882	0.9696
79.8	0.9630	0.9968	0.9853	0.9867	0.9469	0.9572	0.9855	0.9609
79.9	0.9484	0.9956	0.9808	0.9843	0.9433	0.9604	0.9840	0.9518
80.0	0.9626	0.9965	0.9867	0.9883	0.9516	0.9650	0.9888	0.9510

2.2.27 Run 3 – IP315 – Accels 17–24

In-plane shaking at 315°. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.1492	0.8772	0.7937	0.9087	0.9462	0.5999	0.9920	0.9942
0.1	0.0600	0.6500	0.5227	0.8197	0.8687	0.3795	0.9792	0.9877
0.2	0.0295	0.0045	0.0249	0.0026	0.0308	0.0080	0.0071	0.0220
0.3	0.0158	0.0370	0.0061	0.0008	0.0125	0.0083	0.0061	0.0003
0.4	0.0482	0.0066	0.0145	0.0059	0.0205	0.0253	0.0151	0.0408
0.5	0.0981	0.0200	0.0100	0.0047	0.1127	0.0225	0.0535	0.0696
0.6	0.3958	0.4535	0.0316	0.0951	0.3940	0.0203	0.4222	0.6205
0.7	0.8190	0.8569	0.0115	0.5020	0.7495	0.0355	0.7905	0.9046
0.8	0.8865	0.9223	0.2083	0.7743	0.8752	0.2151	0.8804	0.9281
0.9	0.9099	0.9292	0.2860	0.8205	0.8782	0.2200	0.9112	0.9481
1.0	0.7788	0.8060	0.1298	0.6832	0.7201	0.0327	0.8194	0.9442
1.1	0.4756	0.6075	0.2706	0.5081	0.4482	0.1386	0.6326	0.8687
1.2	0.6121	0.8248	0.2875	0.6941	0.6204	0.4520	0.7972	0.9129
1.3	0.6290	0.9374	0.5923	0.6997	0.7102	0.7519	0.8696	0.8818
1.4	0.0530	0.9421	0.8025	0.0867	0.7139	0.9119	0.8495	0.8230
1.5	0.4836	0.9212	0.8116	0.5172	0.7236	0.9674	0.8575	0.8243
1.6	0.8643	0.9290	0.8528	0.8682	0.8127	0.9760	0.9007	0.8769
1.7	0.9593	0.8026	0.6952	0.9563	0.8326	0.9434	0.9271	0.8084
1.8	0.9802	0.8351	0.8066	0.9797	0.8776	0.9557	0.9222	0.8492
1.9	0.9829	0.8058	0.8246	0.9740	0.8713	0.9696	0.9166	0.8302
2.0	0.9423	0.8705	0.9043	0.9382	0.9216	0.9357	0.8947	0.8956
2.1	0.8994	0.9287	0.9250	0.9027	0.9677	0.9112	0.8849	0.9507
2.2	0.7977	0.9266	0.8555	0.8042	0.9734	0.8241	0.7968	0.9534
2.3	0.1455	0.8410	0.2086	0.1501	0.9510	0.1809	0.1466	0.8190
2.4	0.7752	0.9035	0.6701	0.7667	0.9858	0.7123	0.7663	0.9068
2.5	0.9550	0.9609	0.9088	0.9531	0.9952	0.9157	0.9531	0.9754
2.6	0.9802	0.9757	0.9301	0.9787	0.9977	0.9380	0.9773	0.9859
2.7	0.9890	0.9842	0.9517	0.9883	0.9985	0.9296	0.9881	0.9913
2.8	0.9920	0.9861	0.9462	0.9915	0.9984	0.8979	0.9909	0.9928
2.9	0.9948	0.9816	0.9266	0.9948	0.9989	0.8377	0.9941	0.9905
3.0	0.9952	0.9775	0.8840	0.9955	0.9989	0.4927	0.9954	0.9888
3.1	0.9971	0.9822	0.8427	0.9975	0.9993	0.6968	0.9971	0.9910
3.2	0.9974	0.9867	0.8066	0.9978	0.9993	0.8654	0.9977	0.9935
3.3	0.9983	0.9895	0.7864	0.9988	0.9995	0.9564	0.9989	0.9951
3.4	0.9976	0.9853	0.6743	0.9983	0.9994	0.9524	0.9986	0.9927
3.5	0.9979	0.9859	0.4425	0.9986	0.9993	0.9730	0.9985	0.9933
3.6	0.9970	0.9799	0.3185	0.9983	0.9992	0.9805	0.9987	0.9903
3.7	0.9971	0.9797	0.1959	0.9985	0.9991	0.9852	0.9987	0.9900
3.8	0.9980	0.9886	0.5354	0.9988	0.9993	0.9903	0.9993	0.9941
3.9	0.9986	0.9920	0.7361	0.9991	0.9992	0.9915	0.9993	0.9959
4.0	0.9991	0.9935	0.7914	0.9993	0.9993	0.9939	0.9991	0.9965
4.1	0.9989	0.9929	0.8298	0.9992	0.9992	0.9937	0.9987	0.9961
4.2	0.9980	0.9887	0.7779	0.9986	0.9984	0.9914	0.9977	0.9937
4.3	0.9972	0.9873	0.8015	0.9978	0.9984	0.9902	0.9971	0.9928
4.4	0.9982	0.9925	0.8999	0.9984	0.9991	0.9929	0.9983	0.9957
4.5	0.9987	0.9960	0.9343	0.9986	0.9989	0.9934	0.9985	0.9973
4.6	0.9984	0.9970	0.9154	0.9981	0.9986	0.9927	0.9978	0.9979
4.7	0.9979	0.9964	0.9267	0.9972	0.9979	0.9881	0.9968	0.9973
4.8	0.9981	0.9969	0.9183	0.9970	0.9973	0.9887	0.9964	0.9980
4.9	0.9987	0.9971	0.9618	0.9978	0.9977	0.9926	0.9969	0.9978
5.0	0.9986	0.9973	0.9771	0.9974	0.9975	0.9916	0.9961	0.9976
5.1	0.9984	0.9965	0.9763	0.9975	0.9959	0.9927	0.9962	0.9964
5.2	0.9985	0.9942	0.9757	0.9981	0.9922	0.9938	0.9970	0.9931
5.3	0.9987	0.9932	0.9838	0.9977	0.9926	0.9937	0.9973	0.9919
5.4	0.9985	0.9928	0.9832	0.9975	0.9942	0.9945	0.9978	0.9915
5.5	0.9986	0.9944	0.9883	0.9980	0.9955	0.9963	0.9979	0.9928
5.6	0.9987	0.9932	0.9874	0.9981	0.9943	0.9975	0.9979	0.9910
5.7	0.9983	0.9907	0.9794	0.9978	0.9927	0.9969	0.9976	0.9879
5.8	0.9984	0.9935	0.9848	0.9972	0.9952	0.9964	0.9964	0.9918
5.9	0.9978	0.9943	0.9860	0.9961	0.9950	0.9978	0.9953	0.9924
6.0	0.9981	0.9935	0.9817	0.9971	0.9956	0.9976	0.9959	0.9913
6.1	0.9983	0.9937	0.9826	0.9974	0.9964	0.9977	0.9964	0.9924
6.2	0.9980	0.9929	0.9814	0.9970	0.9957	0.9967	0.9962	0.9910
6.3	0.9984	0.9931	0.9790	0.9971	0.9960	0.9959	0.9963	0.9903
6.4	0.9981	0.9944	0.9828	0.9970	0.9969	0.9961	0.9961	0.9916
6.5	0.9976	0.9953	0.9863	0.9967	0.9969	0.9954	0.9960	0.9926
6.6	0.9963	0.9957	0.9824	0.9955	0.9973	0.9942	0.9941	0.9939
6.7	0.9969	0.9972	0.9849	0.9959	0.9979	0.9954	0.9944	0.9961
6.8	0.9959	0.9975	0.9833	0.9954	0.9981	0.9960	0.9944	0.9965
6.9	0.9860	0.9970	0.9601	0.9904	0.9977	0.9941	0.9898	0.9953
7.0	0.9777	0.9958	0.9547	0.9861	0.9979	0.9950	0.9872	0.9963
7.1	0.9306	0.9876	0.8895	0.9571	0.9957	0.9938	0.9657	0.9948
7.2	0.9389	0.9904	0.9237	0.9598	0.9964	0.9919	0.9671	0.9965
7.3	0.9530	0.9941	0.9656	0.9591	0.9973	0.9912	0.9632	0.9962
7.4	0.8549	0.9938	0.9141	0.8998	0.9974	0.9926	0.9189	0.9966
7.5	0.8710	0.9969	0.9143	0.9474	0.9983	0.9949	0.9597	0.9976
7.6	0.9302	0.9971	0.8899	0.9639	0.9980	0.9920	0.9704	0.9969
7.7	0.9768	0.9975	0.9219	0.9772	0.9972	0.9917	0.9775	0.9964
7.8	0.9863	0.9974	0.9505	0.9845	0.9970	0.9912	0.9832	0.9955
7.9	0.9889	0.9983	0.9761	0.9848	0.9979	0.9960	0.9842	0.9960

8.0	0.9847	0.9980	0.9685	0.9803	0.9973	0.9931	0.9793	0.9956
8.1	0.9916	0.9983	0.9746	0.9874	0.9976	0.9953	0.9868	0.9965
8.2	0.9900	0.9977	0.9802	0.9868	0.9964	0.9941	0.9864	0.9953
8.3	0.9935	0.9979	0.9744	0.9904	0.9968	0.9930	0.9900	0.9952
8.4	0.9925	0.9981	0.9793	0.9893	0.9964	0.9943	0.9893	0.9947
8.5	0.9931	0.9981	0.9810	0.9908	0.9964	0.9928	0.9908	0.9944
8.6	0.9906	0.9972	0.9835	0.9908	0.9954	0.9916	0.9909	0.9914
8.7	0.9944	0.9965	0.9833	0.9949	0.9948	0.9906	0.9951	0.9907
8.8	0.9897	0.9955	0.9752	0.9920	0.9922	0.9848	0.9922	0.9891
8.9	0.9855	0.9944	0.9767	0.9886	0.9867	0.9817	0.9896	0.9777
9.0	0.9708	0.9944	0.9570	0.9801	0.9856	0.9656	0.9807	0.9753
9.1	0.9827	0.9921	0.9763	0.9864	0.9891	0.9813	0.9867	0.9826
9.2	0.9423	0.9853	0.9221	0.9601	0.9769	0.9314	0.9632	0.9618
9.3	0.9268	0.9844	0.9217	0.9416	0.9794	0.9236	0.9465	0.9669
9.4	0.9534	0.9915	0.9580	0.9559	0.9901	0.9564	0.9591	0.9855
9.5	0.9583	0.9908	0.9686	0.9531	0.9898	0.9656	0.9560	0.9859
9.6	0.9659	0.9899	0.9801	0.9447	0.9892	0.9770	0.9447	0.9839
9.7	0.9646	0.9899	0.9855	0.9236	0.9891	0.9806	0.9262	0.9843
9.8	0.9732	0.9896	0.9912	0.8959	0.9884	0.9896	0.9029	0.9848
9.9	0.9696	0.9885	0.9869	0.8384	0.9862	0.9912	0.8582	0.9827
10.0	0.9746	0.9864	0.9829	0.8644	0.9804	0.9942	0.8724	0.9783
10.1	0.9778	0.9854	0.9730	0.9129	0.9810	0.9961	0.9269	0.9756
10.2	0.9686	0.9833	0.9677	0.9455	0.9760	0.9947	0.9580	0.9741
10.3	0.9698	0.9883	0.9848	0.9720	0.9838	0.9967	0.9806	0.9787
10.4	0.9627	0.9922	0.9872	0.9797	0.9886	0.9963	0.9857	0.9831
10.5	0.9648	0.9940	0.9924	0.9883	0.9907	0.9974	0.9917	0.9859
10.6	0.9532	0.9942	0.9899	0.9917	0.9906	0.9966	0.9941	0.9865
10.7	0.8976	0.9953	0.9902	0.9920	0.9918	0.9964	0.9942	0.9883
10.8	0.8389	0.9956	0.9931	0.9919	0.9913	0.9966	0.9939	0.9885
10.9	0.8518	0.9968	0.9925	0.9938	0.9925	0.9986	0.9955	0.9893
11.0	0.8304	0.9971	0.9924	0.9935	0.9921	0.9983	0.9957	0.9893
11.1	0.8865	0.9977	0.9928	0.9957	0.9933	0.9984	0.9963	0.9913
11.2	0.9022	0.9980	0.9902	0.9956	0.9941	0.9984	0.9964	0.9931
11.3	0.9577	0.9979	0.9907	0.9959	0.9917	0.9984	0.9966	0.9897
11.4	0.9693	0.9983	0.9929	0.9968	0.9930	0.9985	0.9973	0.9910
11.5	0.9626	0.9983	0.9903	0.9955	0.9933	0.9980	0.9967	0.9912
11.6	0.9652	0.9981	0.9870	0.9955	0.9917	0.9981	0.9960	0.9890
11.7	0.9772	0.9982	0.9871	0.9973	0.9902	0.9974	0.9971	0.9875
11.8	0.9799	0.9988	0.9877	0.9967	0.9924	0.9976	0.9974	0.9904
11.9	0.9842	0.9991	0.9833	0.9966	0.9944	0.9972	0.9968	0.9928
12.0	0.9888	0.9991	0.9834	0.9973	0.9945	0.9971	0.9978	0.9929
12.1	0.9918	0.9991	0.9901	0.9981	0.9955	0.9979	0.9987	0.9939
12.2	0.9906	0.9989	0.9889	0.9977	0.9935	0.9972	0.9981	0.9926
12.3	0.9907	0.9983	0.9861	0.9965	0.9927	0.9968	0.9981	0.9915
12.4	0.9926	0.9982	0.9816	0.9970	0.9935	0.9968	0.9977	0.9912
12.5	0.9933	0.9973	0.9872	0.9976	0.9908	0.9973	0.9980	0.9884
12.6	0.9934	0.9973	0.9855	0.9981	0.9918	0.9978	0.9975	0.9902
12.7	0.9908	0.9945	0.9836	0.9975	0.9880	0.9971	0.9966	0.9860
12.8	0.9897	0.9934	0.9888	0.9967	0.9878	0.9963	0.9959	0.9860
12.9	0.9908	0.9940	0.9861	0.9967	0.9890	0.9957	0.9954	0.9880
13.0	0.9831	0.9929	0.9859	0.9956	0.9873	0.9964	0.9950	0.9849
13.1	0.9858	0.9963	0.9871	0.9963	0.9931	0.9969	0.9970	0.9920
13.2	0.9850	0.9963	0.9855	0.9960	0.9938	0.9963	0.9968	0.9928
13.3	0.9802	0.9967	0.9849	0.9945	0.9948	0.9952	0.9979	0.9943
13.4	0.9811	0.9979	0.9872	0.9948	0.9965	0.9949	0.9984	0.9957
13.5	0.9679	0.9971	0.9847	0.9942	0.9957	0.9936	0.9983	0.9947
13.6	0.9729	0.9974	0.9832	0.9955	0.9969	0.9920	0.9984	0.9965
13.7	0.9737	0.9969	0.9858	0.9945	0.9971	0.9934	0.9983	0.9965
13.8	0.9860	0.9974	0.9866	0.9963	0.9979	0.9933	0.9984	0.9974
13.9	0.9833	0.9976	0.9887	0.9967	0.9983	0.9904	0.9985	0.9978
14.0	0.9834	0.9971	0.9852	0.9950	0.9979	0.9885	0.9983	0.9976
14.1	0.9873	0.9969	0.9859	0.9950	0.9979	0.9865	0.9980	0.9977
14.2	0.9771	0.9962	0.9878	0.9913	0.9974	0.9750	0.9967	0.9972
14.3	0.9833	0.9972	0.9883	0.9928	0.9975	0.9581	0.9971	0.9973
14.4	0.9833	0.9963	0.9874	0.9927	0.9971	0.9346	0.9970	0.9967
14.5	0.9817	0.9938	0.9804	0.9901	0.9965	0.8665	0.9965	0.9960
14.6	0.9834	0.9934	0.9814	0.9901	0.9966	0.8140	0.9967	0.9963
14.7	0.9828	0.9916	0.9844	0.9911	0.9972	0.7763	0.9965	0.9969
14.8	0.9856	0.9926	0.9883	0.9928	0.9978	0.8950	0.9961	0.9978
14.9	0.9916	0.9946	0.9907	0.9946	0.9979	0.9507	0.9975	0.9975
15.0	0.9868	0.9891	0.9824	0.9929	0.9939	0.9201	0.9963	0.9942
15.1	0.9884	0.9899	0.9799	0.9934	0.9912	0.9507	0.9958	0.9922
15.2	0.9889	0.9891	0.9701	0.9924	0.9901	0.9554	0.9943	0.9910
15.3	0.9920	0.9887	0.9751	0.9923	0.9909	0.9726	0.9950	0.9915
15.4	0.9904	0.9880	0.9669	0.9886	0.9893	0.9653	0.9938	0.9902
15.5	0.9801	0.9740	0.9468	0.9776	0.9764	0.9444	0.9871	0.9780
15.6	0.9830	0.9761	0.9561	0.9759	0.9794	0.9574	0.9910	0.9809
15.7	0.9712	0.9498	0.9202	0.9619	0.9572	0.9255	0.9851	0.9578
15.8	0.9655	0.9342	0.9106	0.9538	0.9420	0.9222	0.9821	0.9410
15.9	0.9662	0.9491	0.9385	0.9684	0.9535	0.9459	0.9873	0.9524
16.0	0.9754	0.9638	0.9559	0.9782	0.9671	0.9649	0.9916	0.9645
16.1	0.9787	0.9789	0.9766	0.9853	0.9820	0.9813	0.9899	0.9805
16.2	0.9672	0.9867	0.9838	0.9870	0.9891	0.9882	0.9874	0.9883
16.3	0.9621	0.9846	0.9757	0.9814	0.9888	0.9841	0.9838	0.9870
16.4	0.9718	0.9893	0.9776	0.9790	0.9928	0.9888	0.9795	0.9915
16.5	0.9729	0.9891	0.9691	0.9733	0.9944	0.9848	0.9749	0.9931

16.6	0.9770	0.9901	0.9682	0.9753	0.9919	0.9825	0.9760	0.9912
16.7	0.9673	0.9818	0.9527	0.9636	0.9870	0.9720	0.9650	0.9870
16.8	0.9658	0.9807	0.9402	0.9588	0.9815	0.9688	0.9628	0.9795
16.9	0.9713	0.9847	0.9356	0.9597	0.9825	0.9629	0.9647	0.9787
17.0	0.9752	0.9863	0.9393	0.9637	0.9895	0.9649	0.9718	0.9869
17.1	0.9877	0.9766	0.9660	0.9798	0.9891	0.9633	0.9840	0.9867
17.2	0.9877	0.9873	0.9571	0.9773	0.9814	0.9633	0.9803	0.9762
17.3	0.9889	0.9932	0.9637	0.9805	0.9814	0.9736	0.9834	0.9742
17.4	0.9917	0.9941	0.9743	0.9859	0.9877	0.9776	0.9893	0.9801
17.5	0.9918	0.9943	0.9793	0.9905	0.9922	0.9850	0.9920	0.9841
17.6	0.9910	0.9929	0.9745	0.9893	0.9934	0.9769	0.9916	0.9833
17.7	0.9931	0.9886	0.9740	0.9908	0.9936	0.9758	0.9933	0.9820
17.8	0.9949	0.9912	0.9863	0.9943	0.9970	0.9871	0.9958	0.9897
17.9	0.9934	0.9886	0.9852	0.9929	0.9973	0.9891	0.9947	0.9912
18.0	0.9926	0.9893	0.9806	0.9909	0.9973	0.9865	0.9933	0.9905
18.1	0.9928	0.9898	0.9844	0.9910	0.9977	0.9867	0.9939	0.9922
18.2	0.9941	0.9899	0.9869	0.9918	0.9984	0.9881	0.9945	0.9950
18.3	0.9923	0.9867	0.9873	0.9888	0.9980	0.9839	0.9926	0.9928
18.4	0.9939	0.9882	0.9860	0.9893	0.9981	0.9820	0.9935	0.9893
18.5	0.9903	0.9477	0.9799	0.9758	0.9982	0.9302	0.9898	0.9906
18.6	0.9958	0.9647	0.9851	0.9884	0.9986	0.9577	0.9952	0.9950
18.7	0.9960	0.9681	0.9814	0.9937	0.9979	0.9861	0.9957	0.9925
18.8	0.9961	0.9847	0.9878	0.9926	0.9989	0.9928	0.9961	0.9955
18.9	0.9951	0.9729	0.9886	0.9901	0.9980	0.9917	0.9950	0.9899
19.0	0.9965	0.9837	0.9894	0.9911	0.9984	0.9939	0.9958	0.9907
19.1	0.9962	0.9727	0.9906	0.9896	0.9981	0.9941	0.9957	0.9870
19.2	0.9947	0.9699	0.9918	0.9849	0.9974	0.9929	0.9945	0.9824
19.3	0.9958	0.9815	0.9926	0.9860	0.9977	0.9953	0.9957	0.9839
19.4	0.9956	0.9818	0.9925	0.9820	0.9971	0.9948	0.9955	0.9840
19.5	0.9945	0.9750	0.9913	0.9753	0.9964	0.9950	0.9944	0.9794
19.6	0.9938	0.9771	0.9918	0.9731	0.9961	0.9949	0.9942	0.9766
19.7	0.9938	0.9815	0.9919	0.9682	0.9955	0.9937	0.9937	0.9711
19.8	0.9949	0.9757	0.9916	0.9631	0.9960	0.9943	0.9949	0.9736
19.9	0.9905	0.9722	0.9873	0.9219	0.9956	0.9917	0.9904	0.9601
20.0	0.9885	0.9779	0.9889	0.8822	0.9946	0.9892	0.9893	0.9460
20.1	0.9877	0.9784	0.9917	0.8971	0.9946	0.9902	0.9859	0.9524
20.2	0.9901	0.9837	0.9939	0.8943	0.9966	0.9910	0.9899	0.9657
20.3	0.9878	0.9823	0.9931	0.8317	0.9954	0.9913	0.9857	0.9646
20.4	0.9849	0.9808	0.9934	0.8374	0.9953	0.9893	0.9811	0.9559
20.5	0.9815	0.9853	0.9926	0.8560	0.9961	0.9894	0.9768	0.9642
20.6	0.9781	0.9807	0.9897	0.8840	0.9952	0.9892	0.9739	0.9686
20.7	0.9832	0.9806	0.9889	0.9365	0.9949	0.9907	0.9778	0.9621
20.8	0.9843	0.9870	0.9914	0.9571	0.9956	0.9915	0.9797	0.9794
20.9	0.9728	0.9703	0.9913	0.9596	0.9909	0.9826	0.9722	0.9636
21.0	0.9715	0.9741	0.9859	0.9597	0.9871	0.9868	0.9647	0.9701
21.1	0.9598	0.9775	0.9858	0.9710	0.9888	0.9867	0.9534	0.9752
21.2	0.9424	0.9707	0.9860	0.9694	0.9857	0.9817	0.9411	0.9718
21.3	0.9410	0.9701	0.9854	0.9720	0.9832	0.9777	0.9467	0.9769
21.4	0.9322	0.9730	0.9850	0.9769	0.9820	0.9812	0.9521	0.9810
21.5	0.9113	0.9758	0.9822	0.9785	0.9837	0.9799	0.9459	0.9811
21.6	0.8885	0.9798	0.9875	0.9818	0.9870	0.9727	0.9473	0.9841
21.7	0.8706	0.9795	0.9878	0.9811	0.9822	0.9748	0.9475	0.9853
21.8	0.8667	0.9796	0.9847	0.9748	0.9818	0.9691	0.9508	0.9860
21.9	0.8648	0.9729	0.9840	0.9737	0.9768	0.9656	0.9554	0.9824
22.0	0.8047	0.9784	0.9804	0.9649	0.9777	0.9636	0.9326	0.9874
22.1	0.8077	0.9765	0.9799	0.9688	0.9796	0.9564	0.9326	0.9855
22.2	0.8909	0.9779	0.9847	0.9804	0.9795	0.9591	0.9660	0.9842
22.3	0.8901	0.9758	0.9847	0.9705	0.9763	0.9538	0.9595	0.9829
22.4	0.8893	0.9717	0.9864	0.9737	0.9759	0.9593	0.9609	0.9819
22.5	0.8782	0.9741	0.9852	0.9771	0.9764	0.9476	0.9596	0.9843
22.6	0.9168	0.9750	0.9866	0.9737	0.9698	0.9412	0.9609	0.9830
22.7	0.9026	0.9849	0.9881	0.9765	0.9741	0.9620	0.9617	0.9835
22.8	0.8855	0.9842	0.9870	0.9760	0.9701	0.9586	0.9613	0.9772
22.9	0.9003	0.9653	0.9821	0.9604	0.9630	0.9405	0.9572	0.9708
23.0	0.8907	0.9686	0.9761	0.9598	0.9613	0.9669	0.9596	0.9683
23.1	0.8949	0.9754	0.9779	0.9767	0.9618	0.9625	0.9634	0.9460
23.2	0.9056	0.9803	0.9823	0.9755	0.9641	0.9643	0.9575	0.9213
23.3	0.9248	0.9773	0.9798	0.9813	0.9642	0.9682	0.9533	0.9285
23.4	0.9248	0.9706	0.9826	0.9745	0.9487	0.9696	0.9405	0.8933
23.5	0.9350	0.9815	0.9832	0.9795	0.9657	0.9650	0.9502	0.8977
23.6	0.9386	0.9733	0.9754	0.9802	0.9574	0.9518	0.9468	0.8612
23.7	0.9366	0.9652	0.9768	0.9730	0.9509	0.9560	0.9402	0.8457
23.8	0.9465	0.9717	0.9826	0.9754	0.9684	0.9590	0.9462	0.9175
23.9	0.9487	0.9704	0.9811	0.9744	0.9524	0.9669	0.9546	0.8899
24.0	0.9520	0.9761	0.9830	0.9768	0.9676	0.9705	0.9632	0.9172
24.1	0.9425	0.9699	0.9849	0.9738	0.9565	0.9614	0.9669	0.8990
24.2	0.9105	0.9541	0.9816	0.9598	0.9274	0.9457	0.9413	0.8272
24.3	0.9030	0.9401	0.9740	0.9654	0.9423	0.9557	0.9310	0.8616
24.4	0.9331	0.9519	0.9768	0.9738	0.9537	0.9679	0.9505	0.9098
24.5	0.9300	0.9474	0.9813	0.9738	0.9453	0.9648	0.9607	0.8983
24.6	0.9362	0.9523	0.9824	0.9779	0.9509	0.9698	0.9671	0.8975
24.7	0.9483	0.9488	0.9822	0.9831	0.9481	0.9688	0.9677	0.9209
24.8	0.9409	0.9407	0.9803	0.9793	0.9638	0.9694	0.9628	0.9441
24.9	0.9033	0.9178	0.9726	0.9703	0.9506	0.9599	0.9509	0.9349
25.0	0.9084	0.9142	0.9810	0.9735	0.9553	0.9614	0.9598	0.9194
25.1	0.9124	0.8904	0.9842	0.9741	0.9561	0.9613	0.9663	0.9195

25.2	0.9003	0.8819	0.9813	0.9678	0.9515	0.9582	0.9623	0.9260
25.3	0.8630	0.8723	0.9783	0.9619	0.9395	0.9499	0.9587	0.9186
25.4	0.8720	0.8499	0.9792	0.9656	0.9432	0.9522	0.9636	0.9084
25.5	0.8628	0.8227	0.9826	0.9668	0.9496	0.9468	0.9616	0.9245
25.6	0.8584	0.8558	0.9857	0.9649	0.9535	0.9630	0.9643	0.9522
25.7	0.8332	0.8427	0.9793	0.9568	0.9453	0.9521	0.9536	0.9460
25.8	0.8330	0.8572	0.9834	0.9706	0.9526	0.9572	0.9628	0.9547
25.9	0.8561	0.8393	0.9856	0.9582	0.9527	0.9622	0.9635	0.9656
26.0	0.8376	0.7987	0.9828	0.9387	0.9434	0.9424	0.9488	0.9714
26.1	0.7835	0.8048	0.9829	0.9314	0.9418	0.9314	0.9411	0.9703
26.2	0.7688	0.7322	0.9799	0.9194	0.9371	0.9391	0.9336	0.9743
26.3	0.8032	0.7044	0.9791	0.9085	0.9427	0.9547	0.9398	0.9749
26.4	0.7711	0.7375	0.9837	0.8998	0.9489	0.9578	0.9457	0.9773
26.5	0.7716	0.6255	0.9812	0.8780	0.9369	0.9578	0.9391	0.9749
26.6	0.7775	0.6296	0.9840	0.8943	0.9418	0.9561	0.9484	0.9757
26.7	0.6915	0.5778	0.9800	0.8700	0.9383	0.9540	0.9387	0.9732
26.8	0.6135	0.6125	0.9796	0.8409	0.9451	0.9591	0.9249	0.9739
26.9	0.5390	0.6456	0.9775	0.8483	0.9459	0.9599	0.9080	0.9706
27.0	0.5298	0.6674	0.9830	0.8515	0.9322	0.9592	0.9066	0.9714
27.1	0.4305	0.7329	0.9800	0.7865	0.9155	0.9417	0.8725	0.9577
27.2	0.5675	0.8264	0.9846	0.8443	0.9391	0.9600	0.9196	0.9688
27.3	0.5869	0.8132	0.9757	0.8436	0.9259	0.9473	0.8740	0.9616
27.4	0.7091	0.8124	0.9716	0.8561	0.9312	0.9405	0.8356	0.9583
27.5	0.8094	0.8809	0.9764	0.8820	0.9164	0.9318	0.8321	0.9503
27.6	0.8781	0.9196	0.9823	0.9085	0.9464	0.9421	0.8539	0.9531
27.7	0.8683	0.8988	0.9673	0.8786	0.9411	0.9361	0.7307	0.9448
27.8	0.9158	0.9329	0.9680	0.9057	0.9228	0.9354	0.6870	0.9472
27.9	0.8829	0.8770	0.9761	0.8937	0.9121	0.9150	0.6422	0.9431
28.0	0.8207	0.8376	0.9569	0.8442	0.8460	0.8158	0.3652	0.8860
28.1	0.8024	0.8598	0.9599	0.8266	0.8228	0.8289	0.4386	0.8830
28.2	0.7578	0.8220	0.9589	0.8382	0.7788	0.8365	0.2614	0.8820
28.3	0.8154	0.8104	0.9554	0.8148	0.7521	0.7916	0.2932	0.8470
28.4	0.7393	0.7857	0.9512	0.7560	0.6525	0.7713	0.2598	0.8066
28.5	0.7308	0.7999	0.9596	0.8102	0.5068	0.6928	0.2580	0.8147
28.6	0.7436	0.7768	0.9507	0.7972	0.3790	0.5899	0.4493	0.8097
28.7	0.7262	0.6767	0.9237	0.7415	0.2321	0.4477	0.4811	0.7782
28.8	0.6317	0.6814	0.9246	0.7259	0.1744	0.3306	0.4751	0.7416
28.9	0.6559	0.7516	0.9405	0.7788	0.2965	0.3937	0.5927	0.7145
29.0	0.7074	0.6666	0.9436	0.7508	0.2591	0.2052	0.6529	0.6756
29.1	0.7394	0.7564	0.9574	0.8002	0.3595	0.1623	0.6835	0.6851
29.2	0.7725	0.7498	0.9697	0.8217	0.3361	0.1322	0.7981	0.7349
29.3	0.7076	0.6520	0.9377	0.7735	0.1230	0.0619	0.7521	0.6484
29.4	0.7547	0.6929	0.9337	0.8305	0.1127	0.0465	0.8095	0.6778
29.5	0.7800	0.6094	0.9491	0.8477	0.0874	0.1548	0.8139	0.6895
29.6	0.8246	0.6301	0.9413	0.8603	0.0567	0.3917	0.8848	0.6471
29.7	0.7952	0.6248	0.9433	0.8714	0.0249	0.5642	0.8868	0.7272
29.8	0.8279	0.7320	0.9566	0.9085	0.0728	0.6391	0.8741	0.8020
29.9	0.7738	0.5198	0.9403	0.8933	0.0930	0.6451	0.7753	0.7596
30.0	0.7339	0.5309	0.9351	0.8711	0.0101	0.5416	0.7714	0.7468
30.1	0.7542	0.5595	0.9242	0.8800	0.0109	0.5301	0.8255	0.7387
30.2	0.7259	0.6134	0.9247	0.8654	0.1005	0.5461	0.8221	0.7040
30.3	0.7265	0.6821	0.9304	0.8712	0.0666	0.6126	0.8065	0.7046
30.4	0.8277	0.7351	0.9611	0.9245	0.0135	0.6803	0.8643	0.7756
30.5	0.8505	0.7935	0.9521	0.9409	0.0430	0.6510	0.8627	0.8265
30.6	0.8132	0.7498	0.9328	0.9204	0.0502	0.6329	0.8235	0.8015
30.7	0.7854	0.7364	0.9396	0.9256	0.0915	0.7033	0.8558	0.8025
30.8	0.8181	0.7565	0.9446	0.9303	0.0978	0.7358	0.8502	0.7998
30.9	0.8153	0.7304	0.9299	0.9134	0.1151	0.7602	0.8367	0.8031
31.0	0.8367	0.7477	0.9133	0.9244	0.1520	0.8185	0.7986	0.8457
31.1	0.8446	0.7681	0.9204	0.9355	0.3858	0.7675	0.8349	0.8842
31.2	0.7565	0.6889	0.9093	0.8918	0.3200	0.7439	0.7676	0.8169
31.3	0.7479	0.6993	0.9112	0.8873	0.2152	0.7048	0.6851	0.7786
31.4	0.8283	0.7271	0.9340	0.9076	0.3487	0.7458	0.7420	0.7927
31.5	0.8486	0.7225	0.9209	0.9008	0.2703	0.8376	0.7341	0.7711
31.6	0.8187	0.7882	0.9263	0.8951	0.2770	0.8175	0.6964	0.7568
31.7	0.7985	0.7414	0.9255	0.8716	0.3773	0.8029	0.6216	0.7426
31.8	0.8586	0.7772	0.9323	0.9019	0.3098	0.8289	0.6735	0.7581
31.9	0.7793	0.7188	0.9156	0.8617	0.1693	0.7597	0.6020	0.6748
32.0	0.8110	0.7104	0.9109	0.8591	0.2720	0.8082	0.7148	0.7169
32.1	0.8883	0.7544	0.9176	0.8810	0.4448	0.8622	0.7846	0.7517
32.2	0.8770	0.7863	0.9199	0.8781	0.4864	0.8461	0.7940	0.7546
32.3	0.8208	0.6435	0.8944	0.8125	0.4010	0.7773	0.7740	0.6616
32.4	0.8933	0.7378	0.9234	0.8302	0.4678	0.8380	0.8442	0.6951
32.5	0.8713	0.7684	0.9360	0.8378	0.5132	0.8309	0.8644	0.7080
32.6	0.8576	0.7424	0.9123	0.8264	0.4418	0.8526	0.8471	0.6725
32.7	0.8858	0.7682	0.9299	0.8339	0.3648	0.8734	0.8708	0.6309
32.8	0.8496	0.7528	0.9393	0.8283	0.3487	0.8517	0.8434	0.6423
32.9	0.8343	0.6769	0.9094	0.8322	0.4124	0.7984	0.8514	0.6832
33.0	0.8714	0.7130	0.9218	0.8509	0.3242	0.8012	0.8527	0.6079
33.1	0.8679	0.6961	0.9254	0.7951	0.1374	0.8172	0.8105	0.3470
33.2	0.8342	0.4987	0.8829	0.7469	0.1539	0.7332	0.8237	0.3805
33.3	0.8311	0.5248	0.8941	0.8285	0.1897	0.7085	0.8045	0.4290
33.4	0.8035	0.5967	0.9092	0.8419	0.1764	0.7671	0.7805	0.3459
33.5	0.8163	0.5376	0.9055	0.8402	0.1159	0.7369	0.7682	0.1235
33.6	0.7457	0.3211	0.8341	0.7653	0.0402	0.5617	0.6449	0.0760
33.7	0.7422	0.4194	0.8647	0.7797	0.1111	0.6222	0.6931	0.0334

33.8	0.7155	0.4700	0.9002	0.7685	0.1518	0.6625	0.6876	0.0287
33.9	0.6665	0.5335	0.9099	0.8343	0.0765	0.6733	0.6304	0.0064
34.0	0.7590	0.5059	0.8997	0.8492	0.0612	0.6674	0.7199	0.0093
34.1	0.6774	0.4276	0.8915	0.8292	0.0180	0.5784	0.6130	0.0624
34.2	0.6310	0.3201	0.8607	0.8009	0.0020	0.4663	0.6215	0.0859
34.3	0.6662	0.3442	0.9031	0.8131	0.0170	0.5181	0.6445	0.0271
34.4	0.6272	0.5035	0.9345	0.8601	0.1608	0.6153	0.5634	0.1416
34.5	0.6648	0.4109	0.9004	0.8182	0.0702	0.4799	0.5705	0.0752
34.6	0.6489	0.5145	0.9164	0.8434	0.1211	0.5186	0.5616	0.1594
34.7	0.6468	0.4975	0.9124	0.8507	0.1557	0.5280	0.6214	0.2287
34.8	0.6910	0.4073	0.8789	0.7998	0.0578	0.4049	0.6354	0.1927
34.9	0.7973	0.5195	0.9277	0.8495	0.0293	0.4620	0.7297	0.2157
35.0	0.8038	0.4789	0.9245	0.8690	0.0415	0.4809	0.7628	0.2085
35.1	0.7741	0.4840	0.8997	0.8937	0.0541	0.4785	0.7567	0.2770
35.2	0.8400	0.5736	0.9093	0.8773	0.0988	0.4870	0.8148	0.3233
35.3	0.8345	0.6104	0.9113	0.8569	0.1804	0.4481	0.8401	0.3284
35.4	0.8355	0.5521	0.9188	0.8456	0.1669	0.4456	0.8468	0.3279
35.5	0.8706	0.6024	0.9200	0.8233	0.1050	0.2742	0.8831	0.3982
35.6	0.8736	0.7083	0.9387	0.8448	0.2565	0.3809	0.8920	0.4018
35.7	0.8775	0.6951	0.9276	0.8617	0.2969	0.5270	0.8950	0.4626
35.8	0.8841	0.7024	0.9207	0.8571	0.4245	0.5477	0.8903	0.5600
35.9	0.9160	0.7693	0.9373	0.8787	0.5124	0.6493	0.9191	0.4693
36.0	0.9222	0.8367	0.9450	0.8969	0.5649	0.7396	0.9170	0.3975
36.1	0.9284	0.8713	0.9559	0.9166	0.7069	0.7876	0.9168	0.4716
36.2	0.9275	0.8837	0.9479	0.9241	0.7127	0.8357	0.9243	0.5190
36.3	0.9088	0.8340	0.9402	0.9073	0.6734	0.8495	0.9197	0.4685
36.4	0.9175	0.8306	0.9313	0.9241	0.6995	0.8744	0.9277	0.6192
36.5	0.9491	0.8827	0.9572	0.9523	0.8350	0.9182	0.9494	0.6537
36.6	0.9152	0.8364	0.9454	0.9289	0.7210	0.9001	0.9269	0.5593
36.7	0.9090	0.8463	0.9259	0.9296	0.6696	0.9085	0.9208	0.5360
36.8	0.9048	0.8567	0.9348	0.9199	0.6937	0.9220	0.9252	0.4954
36.9	0.9036	0.8485	0.9193	0.9186	0.7077	0.9230	0.9090	0.5537
37.0	0.9170	0.8052	0.9448	0.9205	0.7513	0.9402	0.9340	0.5813
37.1	0.9373	0.8211	0.9464	0.9442	0.8162	0.9577	0.9489	0.6930
37.2	0.9315	0.8326	0.9309	0.9400	0.7916	0.9615	0.9486	0.6822
37.3	0.9396	0.7816	0.9398	0.9512	0.7699	0.9663	0.9554	0.6601
37.4	0.9277	0.5963	0.9366	0.9434	0.7406	0.9534	0.9381	0.7131
37.5	0.9155	0.7181	0.9190	0.9301	0.7247	0.9609	0.9376	0.7124
37.6	0.9411	0.8082	0.9419	0.9524	0.7971	0.9704	0.9560	0.7506
37.7	0.9285	0.7072	0.9428	0.9378	0.8165	0.9624	0.9397	0.7314
37.8	0.9203	0.6717	0.9344	0.9332	0.8120	0.9593	0.9286	0.8291
37.9	0.9210	0.5419	0.9273	0.9379	0.7974	0.9580	0.9316	0.8398
38.0	0.9250	0.4611	0.9211	0.9408	0.8214	0.9678	0.9367	0.8406
38.1	0.9112	0.4650	0.8981	0.9318	0.8266	0.9650	0.9251	0.7986
38.2	0.9110	0.5069	0.8798	0.9276	0.8541	0.9598	0.9284	0.8879
38.3	0.9205	0.4874	0.8863	0.9364	0.8131	0.9650	0.9344	0.8820
38.4	0.9362	0.5317	0.9190	0.9497	0.8493	0.9734	0.9418	0.8790
38.5	0.9362	0.5060	0.9203	0.9523	0.8776	0.9701	0.9436	0.8521
38.6	0.9180	0.5083	0.8916	0.9417	0.8397	0.9641	0.9283	0.8428
38.7	0.9521	0.6861	0.9268	0.9651	0.8835	0.9782	0.9584	0.8803
38.8	0.9264	0.5957	0.9190	0.9548	0.8457	0.9725	0.9473	0.7956
38.9	0.8805	0.5590	0.8764	0.9284	0.8075	0.9524	0.9243	0.6886
39.0	0.8978	0.5590	0.9023	0.9320	0.8534	0.9460	0.9341	0.7249
39.1	0.9230	0.6593	0.9023	0.9458	0.8586	0.9556	0.9447	0.6602
39.2	0.9155	0.7133	0.8904	0.9407	0.8627	0.9582	0.9381	0.6232
39.3	0.9263	0.7389	0.8943	0.9502	0.8768	0.9550	0.9489	0.4897
39.4	0.9383	0.7738	0.9256	0.9584	0.8337	0.9422	0.9596	0.4784
39.5	0.9467	0.7928	0.9327	0.9626	0.7928	0.9454	0.9579	0.2607
39.6	0.9533	0.7384	0.9322	0.9692	0.8177	0.9553	0.9659	0.1416
39.7	0.9508	0.7131	0.9117	0.9672	0.8465	0.9388	0.9646	0.1200
39.8	0.9423	0.7856	0.8902	0.9614	0.8234	0.9214	0.9592	0.0504
39.9	0.9605	0.8590	0.9198	0.9716	0.8081	0.9487	0.9654	0.0275
40.0	0.9580	0.8043	0.9040	0.9702	0.8155	0.9322	0.9641	0.1708
40.1	0.9520	0.8157	0.9105	0.9664	0.7874	0.9231	0.9626	0.3236
40.2	0.9593	0.8218	0.9135	0.9686	0.7750	0.9333	0.9633	0.4978
40.3	0.9653	0.8398	0.9340	0.9756	0.8228	0.9469	0.9696	0.6444
40.4	0.9709	0.8528	0.9296	0.9795	0.7496	0.9441	0.9738	0.7535
40.5	0.9734	0.8067	0.9247	0.9790	0.7083	0.9246	0.9737	0.7107
40.6	0.9704	0.8351	0.8965	0.9741	0.7105	0.9140	0.9689	0.7478
40.7	0.9705	0.8510	0.9108	0.9775	0.6700	0.9187	0.9704	0.7653
40.8	0.9711	0.8656	0.9188	0.9760	0.6182	0.9200	0.9720	0.7677
40.9	0.9790	0.8889	0.9381	0.9829	0.6236	0.9245	0.9794	0.8381
41.0	0.9782	0.8687	0.9248	0.9857	0.6660	0.9216	0.9808	0.8712
41.1	0.9741	0.8694	0.8889	0.9842	0.6376	0.9207	0.9748	0.8301
41.2	0.9808	0.9025	0.8939	0.9851	0.6509	0.9343	0.9821	0.8483
41.3	0.9881	0.9320	0.9305	0.9885	0.7013	0.9437	0.9875	0.8913
41.4	0.9904	0.9218	0.9334	0.9920	0.7740	0.9480	0.9892	0.9232
41.5	0.9878	0.8918	0.8839	0.9911	0.7594	0.9241	0.9855	0.8902
41.6	0.9830	0.8946	0.9010	0.9898	0.8181	0.9092	0.9799	0.8562
41.7	0.9845	0.9177	0.9085	0.9882	0.7953	0.9196	0.9804	0.8700
41.8	0.9845	0.8926	0.8766	0.9895	0.7989	0.9230	0.9807	0.8920
41.9	0.9861	0.8665	0.8359	0.9888	0.7816	0.9367	0.9819	0.8998
42.0	0.9853	0.8869	0.8853	0.9879	0.7556	0.9383	0.9823	0.9028
42.1	0.9922	0.9110	0.8920	0.9935	0.7612	0.9523	0.9889	0.9227
42.2	0.9894	0.8830	0.8881	0.9916	0.7136	0.9590	0.9846	0.9423
42.3	0.9851	0.8973	0.9040	0.9871	0.5511	0.9533	0.9774	0.9410

42.4	0.9883	0.9232	0.8755	0.9889	0.6170	0.9543	0.9809	0.9260
42.5	0.9889	0.9391	0.9079	0.9896	0.7400	0.9677	0.9842	0.9481
42.6	0.9904	0.9240	0.9122	0.9917	0.7295	0.9634	0.9825	0.9383
42.7	0.9917	0.9104	0.9024	0.9930	0.8221	0.9644	0.9857	0.9346
42.8	0.9911	0.9004	0.8898	0.9911	0.8841	0.9364	0.9832	0.8532
42.9	0.9923	0.8741	0.9131	0.9915	0.8672	0.9555	0.9858	0.8272
43.0	0.9919	0.8851	0.9145	0.9927	0.8655	0.9743	0.9865	0.9049
43.1	0.9898	0.8830	0.8896	0.9903	0.8535	0.9781	0.9784	0.8737
43.2	0.9920	0.8850	0.9063	0.9916	0.8195	0.9779	0.9808	0.7105
43.3	0.9916	0.9003	0.9102	0.9905	0.8588	0.9659	0.9871	0.5376
43.4	0.9936	0.8918	0.9309	0.9932	0.8818	0.9843	0.9908	0.8608
43.5	0.9936	0.8574	0.9336	0.9937	0.8357	0.9817	0.9917	0.8572
43.6	0.9930	0.8804	0.9126	0.9936	0.8054	0.9754	0.9900	0.8908
43.7	0.9926	0.9063	0.9157	0.9927	0.9071	0.9757	0.9867	0.8994
43.8	0.9908	0.8419	0.9191	0.9914	0.8562	0.9715	0.9836	0.9073
43.9	0.9943	0.8625	0.9179	0.9946	0.8402	0.9830	0.9913	0.9186
44.0	0.9946	0.9077	0.9264	0.9956	0.8584	0.9841	0.9903	0.9411
44.1	0.9933	0.9005	0.9213	0.9946	0.6875	0.9724	0.9867	0.9147
44.2	0.9917	0.8466	0.8988	0.9936	0.6959	0.9774	0.9863	0.8498
44.3	0.9930	0.8990	0.9092	0.9939	0.7662	0.9913	0.9882	0.8548
44.4	0.9921	0.8866	0.9345	0.9949	0.6086	0.9760	0.9891	0.8426
44.5	0.9945	0.8897	0.9397	0.9967	0.8504	0.9740	0.9905	0.8554
44.6	0.9889	0.7603	0.9317	0.9941	0.8544	0.9688	0.9865	0.6249
44.7	0.9883	0.6795	0.9164	0.9922	0.8565	0.9547	0.9855	0.7832
44.8	0.9915	0.7285	0.9093	0.9930	0.8263	0.9548	0.9851	0.8229
44.9	0.9915	0.7311	0.9358	0.9947	0.8395	0.9413	0.9864	0.7880
45.0	0.9938	0.7990	0.9359	0.9954	0.9188	0.9386	0.9876	0.8226
45.1	0.9960	0.7634	0.9302	0.9962	0.9370	0.9775	0.9910	0.8647
45.2	0.9965	0.7774	0.9282	0.9973	0.9357	0.9850	0.9933	0.8340
45.3	0.9954	0.7515	0.9280	0.9964	0.9126	0.9761	0.9924	0.7037
45.4	0.9953	0.7289	0.9370	0.9966	0.9087	0.9670	0.9917	0.7552
45.5	0.9947	0.7303	0.9254	0.9966	0.8720	0.9573	0.9914	0.7711
45.6	0.9947	0.7481	0.9409	0.9962	0.8618	0.9714	0.9883	0.7760
45.7	0.9946	0.7555	0.9393	0.9952	0.9366	0.9743	0.9867	0.7827
45.8	0.9940	0.8036	0.9268	0.9937	0.9328	0.9613	0.9861	0.5117
45.9	0.9956	0.7384	0.9452	0.9957	0.9473	0.9763	0.9886	0.6479
46.0	0.9947	0.7104	0.9298	0.9952	0.9405	0.9768	0.9853	0.6174
46.1	0.9938	0.7247	0.9118	0.9935	0.9245	0.9648	0.9788	0.4899
46.2	0.9944	0.7017	0.9480	0.9945	0.9582	0.9689	0.9812	0.7064
46.3	0.9877	0.6811	0.9548	0.9948	0.9519	0.9584	0.9854	0.7025
46.4	0.9879	0.6418	0.9499	0.9952	0.9395	0.9759	0.9908	0.6666
46.5	0.9926	0.7269	0.9442	0.9950	0.9318	0.9845	0.9894	0.7760
46.6	0.9954	0.8832	0.9563	0.9960	0.9475	0.9871	0.9884	0.8316
46.7	0.9958	0.9200	0.9590	0.9962	0.9660	0.9756	0.9851	0.8573
46.8	0.9947	0.9125	0.9421	0.9951	0.9419	0.9622	0.9812	0.8002
46.9	0.9929	0.9148	0.9377	0.9940	0.9309	0.9660	0.9779	0.8097
47.0	0.9933	0.9120	0.9614	0.9959	0.9499	0.9708	0.9836	0.7865
47.1	0.9924	0.9066	0.9630	0.9953	0.9539	0.9708	0.9813	0.3641
47.2	0.9952	0.9163	0.9601	0.9954	0.9592	0.9826	0.9815	0.5875
47.3	0.9950	0.9270	0.9513	0.9954	0.9522	0.9821	0.9817	0.8115
47.4	0.9927	0.9076	0.9408	0.9940	0.9468	0.9710	0.9838	0.8143
47.5	0.9953	0.9397	0.9636	0.9964	0.9514	0.9785	0.9895	0.8493
47.6	0.9945	0.9377	0.9703	0.9955	0.8955	0.9617	0.9908	0.6093
47.7	0.9935	0.9413	0.9624	0.9934	0.9181	0.9783	0.9883	0.4174
47.8	0.9932	0.8951	0.9552	0.9947	0.9403	0.9603	0.9874	0.2723
47.9	0.9947	0.8821	0.9685	0.9961	0.9536	0.9698	0.9879	0.2046
48.0	0.9920	0.9162	0.9546	0.9953	0.9658	0.9719	0.9862	0.0624
48.1	0.9915	0.9183	0.9626	0.9951	0.9664	0.9735	0.9858	0.1789
48.2	0.9928	0.9119	0.9534	0.9939	0.9590	0.9796	0.9869	0.3300
48.3	0.9958	0.9131	0.9533	0.9952	0.9609	0.9752	0.9889	0.2200
48.4	0.9944	0.9025	0.9639	0.9963	0.9503	0.9512	0.9889	0.0220
48.5	0.9946	0.8926	0.9591	0.9953	0.9548	0.9763	0.9862	0.1456
48.6	0.9956	0.9060	0.9632	0.9959	0.9588	0.9827	0.9859	0.2720
48.7	0.9957	0.8952	0.9626	0.9961	0.9628	0.9765	0.9871	0.3284
48.8	0.9953	0.8784	0.9666	0.9955	0.9660	0.9788	0.9844	0.4763
48.9	0.9938	0.8435	0.9614	0.9949	0.8991	0.9650	0.9837	0.4506
49.0	0.9939	0.7458	0.9609	0.9948	0.8944	0.9680	0.9842	0.4779
49.1	0.9927	0.7476	0.9577	0.9934	0.9298	0.9773	0.9776	0.3658
49.2	0.9891	0.7051	0.9558	0.9902	0.9001	0.9739	0.9635	0.0452
49.3	0.9917	0.8151	0.9558	0.9934	0.9235	0.9843	0.9748	0.1691
49.4	0.9909	0.8243	0.9587	0.9933	0.9231	0.9809	0.9749	0.4469
49.5	0.9912	0.8604	0.9560	0.9929	0.9073	0.9764	0.9724	0.6124
49.6	0.9946	0.8398	0.9663	0.9922	0.9085	0.9804	0.9712	0.6000
49.7	0.9941	0.8600	0.9730	0.9935	0.9148	0.9773	0.9709	0.6265
49.8	0.9948	0.9221	0.9726	0.9936	0.9464	0.9788	0.9749	0.7548
49.9	0.9898	0.8982	0.9601	0.9915	0.9324	0.9655	0.9706	0.7465
50.0	0.9939	0.9027	0.9632	0.9926	0.9212	0.9815	0.9750	0.7546
50.1	0.9928	0.8675	0.9411	0.9911	0.9069	0.9855	0.9702	0.7436
50.2	0.9928	0.8748	0.9567	0.9907	0.9036	0.9857	0.9750	0.7659
50.3	0.9947	0.9148	0.9653	0.9929	0.9069	0.9901	0.9776	0.8411
50.4	0.9949	0.8958	0.9668	0.9925	0.9249	0.9879	0.9744	0.8431
50.5	0.9955	0.8734	0.9663	0.9917	0.9104	0.9849	0.9762	0.6787
50.6	0.9953	0.8997	0.9642	0.9928	0.8822	0.9778	0.9753	0.6942
50.7	0.9948	0.9046	0.9696	0.9913	0.9126	0.9813	0.9782	0.8347
50.8	0.9928	0.8844	0.9584	0.9891	0.8701	0.9817	0.9719	0.8278
50.9	0.9923	0.8426	0.9572	0.9892	0.8898	0.9804	0.9661	0.6583

51.0	0.9925	0.8626	0.9699	0.9902	0.9195	0.9738	0.9746	0.6829
51.1	0.9921	0.8624	0.9717	0.9906	0.8884	0.9772	0.9729	0.7438
51.2	0.9923	0.8945	0.9738	0.9936	0.8732	0.9864	0.9785	0.8066
51.3	0.9942	0.9138	0.9759	0.9947	0.8666	0.9892	0.9821	0.8475
51.4	0.9929	0.8737	0.9672	0.9919	0.8469	0.9850	0.9768	0.8249
51.5	0.9927	0.8661	0.9710	0.9933	0.8579	0.9774	0.9794	0.7555
51.6	0.9935	0.8869	0.9773	0.9941	0.8638	0.9748	0.9827	0.7796
51.7	0.9927	0.8753	0.9676	0.9936	0.8254	0.9778	0.9795	0.8209
51.8	0.9941	0.8929	0.9707	0.9932	0.8293	0.9804	0.9795	0.8696
51.9	0.9931	0.8802	0.9686	0.9926	0.7729	0.9829	0.9813	0.8319
52.0	0.9936	0.8744	0.9674	0.9920	0.7307	0.9915	0.9820	0.8480
52.1	0.9944	0.8961	0.9777	0.9936	0.7168	0.9899	0.9851	0.8307
52.2	0.9932	0.8564	0.9726	0.9939	0.7477	0.9802	0.9828	0.8449
52.3	0.9940	0.8574	0.9711	0.9943	0.6820	0.9866	0.9862	0.8904
52.4	0.9935	0.8416	0.9723	0.9925	0.3866	0.9900	0.9847	0.8310
52.5	0.9942	0.7750	0.9755	0.9924	0.1809	0.9913	0.9782	0.8216
52.6	0.9947	0.7369	0.9829	0.9952	0.3878	0.9883	0.9824	0.8657
52.7	0.9931	0.4183	0.9732	0.9937	0.1551	0.9898	0.9795	0.7381
52.8	0.9940	0.1106	0.9768	0.9937	0.0620	0.9916	0.9842	0.7609
52.9	0.9932	0.0720	0.9741	0.9934	0.1184	0.9888	0.9779	0.6702
53.0	0.9934	0.1812	0.9741	0.9935	0.1968	0.9911	0.9761	0.3901
53.1	0.9918	0.0288	0.9767	0.9927	0.3844	0.9884	0.9789	0.4189
53.2	0.9927	0.0146	0.9808	0.9932	0.5681	0.9890	0.9801	0.6753
53.3	0.9935	0.0471	0.9804	0.9937	0.6099	0.9911	0.9829	0.7923
53.4	0.9908	0.0127	0.9788	0.9923	0.7129	0.9906	0.9787	0.5995
53.5	0.9929	0.0655	0.9739	0.9942	0.7580	0.9898	0.9800	0.7184
53.6	0.9936	0.5544	0.9674	0.9942	0.6927	0.9889	0.9856	0.8452
53.7	0.9957	0.7535	0.9795	0.9963	0.8034	0.9900	0.9851	0.9154
53.8	0.9935	0.7945	0.9804	0.9967	0.8528	0.9807	0.9853	0.8836
53.9	0.9935	0.8186	0.9742	0.9946	0.8606	0.9831	0.9827	0.9015
54.0	0.9951	0.8270	0.9786	0.9946	0.8931	0.9924	0.9845	0.9511
54.1	0.9934	0.5708	0.9643	0.9941	0.7900	0.9878	0.9792	0.8945
54.2	0.9840	0.6791	0.9613	0.9902	0.5692	0.9673	0.9676	0.7146
54.3	0.9879	0.8920	0.9632	0.9933	0.6974	0.9849	0.9787	0.7956
54.4	0.9927	0.9404	0.9655	0.9942	0.7670	0.9898	0.9763	0.9215
54.5	0.9928	0.9511	0.9712	0.9942	0.8088	0.9943	0.9806	0.9464
54.6	0.9922	0.9605	0.9677	0.9941	0.7505	0.9911	0.9791	0.9391
54.7	0.9895	0.9499	0.9679	0.9941	0.7800	0.9864	0.9785	0.9385
54.8	0.9862	0.9071	0.9478	0.9940	0.7818	0.9875	0.9724	0.9274
54.9	0.9926	0.9216	0.9647	0.9960	0.7646	0.9905	0.9711	0.9083
55.0	0.9937	0.9450	0.9719	0.9939	0.7936	0.9896	0.9729	0.9362
55.1	0.9926	0.9691	0.9677	0.9940	0.8715	0.9931	0.9739	0.9615
55.2	0.9934	0.9543	0.9640	0.9950	0.8524	0.9946	0.9712	0.9591
55.3	0.9929	0.9547	0.9529	0.9923	0.8275	0.9916	0.9701	0.9577
55.4	0.9927	0.9237	0.9695	0.9931	0.8464	0.9923	0.9760	0.9639
55.5	0.9931	0.8556	0.9653	0.9948	0.8445	0.9889	0.9667	0.9513
55.6	0.9937	0.9240	0.9639	0.9950	0.8532	0.9915	0.9672	0.9504
55.7	0.9944	0.9465	0.9558	0.9957	0.8609	0.9943	0.9635	0.9614
55.8	0.9962	0.9617	0.9466	0.9961	0.8800	0.9960	0.9657	0.9785
55.9	0.9946	0.9478	0.9500	0.9949	0.9023	0.9950	0.9676	0.9760
56.0	0.9942	0.8921	0.9658	0.9944	0.8811	0.9922	0.9625	0.9597
56.1	0.9949	0.8790	0.9669	0.9947	0.8911	0.9940	0.9530	0.9541
56.2	0.9952	0.9325	0.9581	0.9951	0.8581	0.9959	0.9441	0.9732
56.3	0.9945	0.9435	0.9569	0.9954	0.8582	0.9962	0.9250	0.9805
56.4	0.9946	0.9419	0.9552	0.9960	0.8438	0.9964	0.9130	0.9785
56.5	0.9959	0.9371	0.9501	0.9964	0.8822	0.9966	0.9302	0.9829
56.6	0.9943	0.9120	0.9362	0.9956	0.8192	0.9957	0.9122	0.9728
56.7	0.9946	0.8880	0.9393	0.9950	0.8077	0.9962	0.8851	0.9766
56.8	0.9932	0.8753	0.9242	0.9940	0.8302	0.9962	0.8485	0.9664
56.9	0.9924	0.8551	0.8997	0.9934	0.8447	0.9963	0.8101	0.9696
57.0	0.9900	0.7813	0.9052	0.9913	0.8414	0.9950	0.7930	0.9669
57.1	0.9887	0.5769	0.9084	0.9887	0.8560	0.9931	0.7699	0.9412
57.2	0.9914	0.5526	0.9327	0.9879	0.8507	0.9898	0.6970	0.9011
57.3	0.9939	0.8432	0.9334	0.9941	0.8585	0.9945	0.7344	0.9524
57.4	0.9927	0.8472	0.9053	0.9923	0.8095	0.9955	0.7691	0.9589
57.5	0.9944	0.9113	0.9493	0.9952	0.8753	0.9975	0.8635	0.9807
57.6	0.9940	0.8981	0.9443	0.9950	0.8285	0.9970	0.8635	0.9791
57.7	0.9940	0.8875	0.9317	0.9947	0.8232	0.9973	0.8685	0.9782
57.8	0.9934	0.8833	0.9237	0.9940	0.8028	0.9971	0.8821	0.9727
57.9	0.9922	0.8648	0.9240	0.9939	0.8097	0.9941	0.8366	0.9681
58.0	0.9924	0.8366	0.9211	0.9937	0.8596	0.9945	0.8718	0.9707
58.1	0.9936	0.8284	0.8974	0.9947	0.8667	0.9961	0.8901	0.9750
58.2	0.9904	0.8273	0.8833	0.9931	0.8956	0.9951	0.8818	0.9717
58.3	0.9895	0.7557	0.8919	0.9934	0.8521	0.9924	0.8690	0.9527
58.4	0.9939	0.8758	0.9237	0.9945	0.8981	0.9965	0.8762	0.9815
58.5	0.9949	0.8632	0.9245	0.9957	0.9320	0.9969	0.8972	0.9830
58.6	0.9942	0.8659	0.9252	0.9949	0.9157	0.9965	0.8484	0.9781
58.7	0.9931	0.8995	0.9124	0.9943	0.8715	0.9957	0.8499	0.9794
58.8	0.9916	0.8585	0.8887	0.9938	0.8517	0.9950	0.7526	0.9785
58.9	0.9926	0.8342	0.9059	0.9950	0.8540	0.9959	0.8065	0.9754
59.0	0.9886	0.6809	0.9061	0.9920	0.8017	0.9948	0.7898	0.9668
59.1	0.9915	0.7899	0.9142	0.9923	0.8392	0.9946	0.8622	0.9764
59.2	0.9934	0.8940	0.9288	0.9947	0.8812	0.9958	0.8906	0.9815
59.3	0.9916	0.8730	0.9255	0.9946	0.8693	0.9954	0.8914	0.9796
59.4	0.9934	0.8908	0.9369	0.9955	0.8593	0.9958	0.9271	0.9811
59.5	0.9910	0.8736	0.9343	0.9936	0.8482	0.9960	0.9422	0.9786

59.6	0.9907	0.8406	0.9308	0.9937	0.8327	0.9952	0.9359	0.9756
59.7	0.9935	0.8668	0.9440	0.9959	0.8500	0.9950	0.9344	0.9786
59.8	0.9925	0.8803	0.9315	0.9933	0.8521	0.9951	0.9255	0.9827
59.9	0.9918	0.9136	0.9341	0.9933	0.8019	0.9946	0.7590	0.9343
60.0	0.9940	0.9337	0.9424	0.9946	0.7736	0.9955	0.6383	0.8075
60.1	0.9919	0.9130	0.9273	0.9952	0.7536	0.9943	0.7904	0.9256
60.2	0.9900	0.9342	0.9166	0.9923	0.7233	0.9947	0.9472	0.9774
60.3	0.9924	0.9393	0.9133	0.9911	0.7468	0.9948	0.9576	0.9723
60.4	0.9923	0.9426	0.9337	0.9919	0.7624	0.9936	0.9644	0.9788
60.5	0.9910	0.9591	0.9364	0.9922	0.8060	0.9937	0.9701	0.9808
60.6	0.9898	0.9620	0.9113	0.9918	0.7970	0.9950	0.9724	0.9769
60.7	0.9916	0.9654	0.9104	0.9946	0.7669	0.9950	0.9582	0.9747
60.8	0.9928	0.9693	0.9119	0.9933	0.7579	0.9940	0.9450	0.9743
60.9	0.9914	0.9654	0.9209	0.9907	0.7914	0.9938	0.9527	0.9782
61.0	0.9912	0.9606	0.9384	0.9912	0.8428	0.9930	0.9529	0.9795
61.1	0.9913	0.9744	0.9266	0.9924	0.7948	0.9942	0.9620	0.9829
61.2	0.9882	0.9568	0.9132	0.9899	0.7155	0.9930	0.9599	0.9714
61.3	0.9906	0.9611	0.9287	0.9915	0.7445	0.9925	0.9559	0.9680
61.4	0.9877	0.9479	0.9292	0.9901	0.7492	0.9909	0.9472	0.9643
61.5	0.9889	0.9494	0.9361	0.9921	0.8029	0.9916	0.9500	0.9685
61.6	0.9904	0.9579	0.9303	0.9927	0.7951	0.9939	0.9659	0.9709
61.7	0.9839	0.9358	0.9169	0.9882	0.7245	0.9926	0.9549	0.9521
61.8	0.9886	0.9511	0.9588	0.9921	0.7641	0.9944	0.9693	0.9605
61.9	0.9909	0.9623	0.9517	0.9930	0.8040	0.9946	0.9704	0.9644
62.0	0.9887	0.9410	0.9356	0.9910	0.7728	0.9914	0.9685	0.9549
62.1	0.9837	0.9251	0.9256	0.9888	0.8047	0.9910	0.9670	0.9380
62.2	0.9880	0.9502	0.9378	0.9921	0.8378	0.9946	0.9763	0.9424
62.3	0.9872	0.9408	0.9403	0.9912	0.8648	0.9913	0.9713	0.9393
62.4	0.9879	0.9421	0.9501	0.9903	0.8373	0.9905	0.9606	0.9328
62.5	0.9904	0.9478	0.9549	0.9920	0.8399	0.9929	0.9721	0.9438
62.6	0.9893	0.9363	0.9409	0.9895	0.8167	0.9931	0.9786	0.9371
62.7	0.9858	0.9156	0.9408	0.9878	0.7632	0.9924	0.9761	0.9017
62.8	0.9885	0.9308	0.9512	0.9904	0.8376	0.9927	0.9738	0.9119
62.9	0.9828	0.9236	0.9473	0.9843	0.8278	0.9905	0.9739	0.8868
63.0	0.9802	0.8976	0.9469	0.9821	0.6961	0.9888	0.9760	0.8119
63.1	0.9840	0.9087	0.9536	0.9868	0.6275	0.9916	0.9785	0.7935
63.2	0.9839	0.9129	0.9514	0.9836	0.5968	0.9915	0.9735	0.7842
63.3	0.9864	0.9314	0.9501	0.9830	0.6585	0.9920	0.9787	0.7903
63.4	0.9885	0.9405	0.9636	0.9807	0.7284	0.9944	0.9829	0.8250
63.5	0.9884	0.9187	0.9569	0.9795	0.6844	0.9921	0.9799	0.8146
63.6	0.9819	0.8886	0.9365	0.9777	0.6068	0.9885	0.9741	0.7639
63.7	0.9859	0.8905	0.9507	0.9752	0.5928	0.9905	0.9767	0.7706
63.8	0.9843	0.8766	0.9592	0.9746	0.6583	0.9901	0.9817	0.7887
63.9	0.9830	0.8488	0.9576	0.9647	0.6613	0.9911	0.9848	0.7147
64.0	0.9779	0.8538	0.9487	0.9634	0.6888	0.9899	0.9801	0.7250
64.1	0.9734	0.8402	0.9350	0.9479	0.7017	0.9888	0.9788	0.7277
64.2	0.9765	0.8738	0.9336	0.9262	0.7362	0.9897	0.9795	0.6984
64.3	0.9832	0.8946	0.9485	0.9327	0.7553	0.9925	0.9793	0.7027
64.4	0.9790	0.8645	0.9386	0.9341	0.7125	0.9902	0.9786	0.6097
64.5	0.9812	0.8655	0.9379	0.8868	0.7382	0.9882	0.9816	0.5536
64.6	0.9806	0.8585	0.9461	0.9000	0.7424	0.9875	0.9798	0.5759
64.7	0.9844	0.8775	0.9463	0.9184	0.7549	0.9901	0.9839	0.5778
64.8	0.9812	0.8778	0.9459	0.9098	0.7503	0.9898	0.9822	0.4352
64.9	0.9834	0.8886	0.9508	0.9145	0.7624	0.9913	0.9843	0.4110
65.0	0.9826	0.8816	0.9504	0.9173	0.7111	0.9914	0.9865	0.2800
65.1	0.9822	0.9019	0.9509	0.9343	0.7762	0.9904	0.9908	0.2939
65.2	0.9793	0.8870	0.9459	0.9120	0.7048	0.9867	0.9822	0.1700
65.3	0.9775	0.8611	0.9286	0.9093	0.6582	0.9853	0.9791	0.0795
65.4	0.9788	0.8522	0.9124	0.8878	0.6545	0.9865	0.9765	0.0739
65.5	0.9817	0.8879	0.9352	0.9225	0.7056	0.9858	0.9848	0.0594
65.6	0.9873	0.9212	0.9417	0.9482	0.7418	0.9894	0.9898	0.0307
65.7	0.9839	0.8869	0.9390	0.9351	0.7046	0.9858	0.9879	0.0366
65.8	0.9794	0.8857	0.9258	0.9511	0.6707	0.9831	0.9842	0.0342
65.9	0.9815	0.9225	0.9266	0.9348	0.7019	0.9861	0.9860	0.0782
66.0	0.9822	0.9419	0.9438	0.9347	0.7537	0.9867	0.9879	0.1563
66.1	0.9834	0.9296	0.9368	0.9486	0.7193	0.9851	0.9865	0.2101
66.2	0.9760	0.9308	0.9168	0.9343	0.7131	0.9834	0.9806	0.2432
66.3	0.9840	0.9518	0.9266	0.9450	0.7295	0.9878	0.9887	0.2106
66.4	0.9802	0.9454	0.9010	0.9405	0.6214	0.9840	0.9843	0.1504
66.5	0.9715	0.9285	0.8781	0.9234	0.4633	0.9785	0.9741	0.0378
66.6	0.9786	0.9599	0.9160	0.9328	0.6787	0.9847	0.9848	0.0189
66.7	0.9843	0.9753	0.9205	0.9352	0.7756	0.9872	0.9892	0.0011
66.8	0.9817	0.9706	0.9193	0.9481	0.8016	0.9866	0.9850	0.0552
66.9	0.9843	0.9681	0.9213	0.9543	0.8719	0.9875	0.9854	0.1976
67.0	0.9816	0.9676	0.9199	0.9430	0.8627	0.9886	0.9860	0.1893
67.1	0.9781	0.9750	0.9005	0.9550	0.8850	0.9851	0.9828	0.4450
67.2	0.9842	0.9789	0.9087	0.9598	0.9155	0.9880	0.9846	0.5925
67.3	0.9797	0.9791	0.9078	0.9494	0.9016	0.9861	0.9812	0.6195
67.4	0.9787	0.9773	0.8781	0.9313	0.9117	0.9874	0.9764	0.6644
67.5	0.9824	0.9823	0.8834	0.9440	0.9219	0.9867	0.9795	0.7443
67.6	0.9712	0.9766	0.8904	0.9393	0.9108	0.9844	0.9775	0.7876
67.7	0.9788	0.9804	0.8864	0.9525	0.9285	0.9892	0.9792	0.7728
67.8	0.9793	0.9881	0.8904	0.9681	0.9485	0.9875	0.9834	0.8375
67.9	0.9762	0.9881	0.9070	0.9592	0.9479	0.9887	0.9795	0.8178
68.0	0.9653	0.9781	0.8553	0.9480	0.9164	0.9851	0.9685	0.7906
68.1	0.9697	0.9813	0.8528	0.9603	0.9230	0.9862	0.9757	0.8362

68.2	0.9741	0.9843	0.8903	0.9644	0.9303	0.9891	0.9742	0.8778
68.3	0.9748	0.9849	0.8665	0.9507	0.9288	0.9868	0.9684	0.8522
68.4	0.9725	0.9858	0.8735	0.9561	0.9294	0.9884	0.9654	0.8639
68.5	0.9797	0.9899	0.8853	0.9580	0.9574	0.9908	0.9749	0.8663
68.6	0.9671	0.9766	0.8594	0.9513	0.9079	0.9856	0.9586	0.8604
68.7	0.9685	0.9793	0.8640	0.9494	0.9131	0.9865	0.9629	0.8652
68.8	0.9663	0.9745	0.8356	0.9385	0.9157	0.9868	0.9595	0.8329
68.9	0.9611	0.9831	0.8581	0.9288	0.9114	0.9881	0.9584	0.8506
69.0	0.9694	0.9856	0.8749	0.9477	0.9268	0.9902	0.9653	0.9071
69.1	0.9492	0.9793	0.8505	0.9334	0.9077	0.9867	0.9488	0.8658
69.2	0.9452	0.9800	0.8269	0.9377	0.8931	0.9860	0.9350	0.8369
69.3	0.9534	0.9839	0.8267	0.9405	0.9055	0.9869	0.9338	0.8710
69.4	0.9458	0.9826	0.8448	0.9420	0.9097	0.9878	0.9359	0.8528
69.5	0.9461	0.9803	0.8420	0.9384	0.8989	0.9892	0.9279	0.8346
69.6	0.9528	0.9803	0.8263	0.9450	0.8995	0.9901	0.9059	0.8465
69.7	0.9388	0.9769	0.8475	0.9485	0.8960	0.9904	0.9005	0.8807
69.8	0.9236	0.9712	0.8326	0.9434	0.9019	0.9818	0.8665	0.8414
69.9	0.9442	0.9832	0.8348	0.9505	0.9366	0.9842	0.8585	0.8314
70.0	0.9532	0.9833	0.8423	0.9508	0.9323	0.9855	0.8704	0.8569
70.1	0.9599	0.9813	0.8789	0.9641	0.9372	0.9874	0.8704	0.8965
70.2	0.9655	0.9833	0.8856	0.9704	0.9565	0.9859	0.8421	0.9012
70.3	0.9556	0.9814	0.8551	0.9595	0.9478	0.9837	0.7803	0.8893
70.4	0.9583	0.9802	0.8395	0.9594	0.9510	0.9825	0.7546	0.8685
70.5	0.9498	0.9711	0.8672	0.9463	0.9436	0.9886	0.6700	0.8613
70.6	0.9564	0.9652	0.8789	0.9459	0.9375	0.9816	0.5254	0.8767
70.7	0.9500	0.9640	0.8316	0.9534	0.9365	0.9721	0.4403	0.8909
70.8	0.9512	0.9759	0.8619	0.9635	0.9412	0.9762	0.2985	0.9023
70.9	0.9496	0.9779	0.8711	0.9484	0.9447	0.9824	0.2742	0.8852
71.0	0.9439	0.9751	0.8665	0.9328	0.9487	0.9821	0.2508	0.8867
71.1	0.9591	0.9855	0.9006	0.9645	0.9700	0.9873	0.2670	0.9302
71.2	0.9551	0.9812	0.8915	0.9585	0.9690	0.9821	0.2697	0.9475
71.3	0.9606	0.9786	0.8592	0.9636	0.9596	0.9682	0.3856	0.9271
71.4	0.9627	0.9784	0.8695	0.9695	0.9631	0.9645	0.4443	0.9029
71.5	0.9653	0.9841	0.8948	0.9732	0.9679	0.9756	0.5461	0.9189
71.6	0.9667	0.9854	0.8935	0.9744	0.9664	0.9692	0.6292	0.9297
71.7	0.9639	0.9815	0.8769	0.9663	0.9697	0.9697	0.6971	0.9167
71.8	0.9484	0.9697	0.8250	0.9624	0.9582	0.9467	0.7000	0.9025
71.9	0.9603	0.9687	0.8427	0.9705	0.9748	0.9370	0.7390	0.9190
72.0	0.9598	0.9660	0.8625	0.9665	0.9637	0.9393	0.8142	0.9397
72.1	0.9676	0.9768	0.8913	0.9722	0.9790	0.9485	0.8572	0.9528
72.2	0.9676	0.9848	0.8950	0.9748	0.9826	0.9483	0.8703	0.9567
72.3	0.9551	0.9815	0.8902	0.9719	0.9760	0.9350	0.8787	0.9429
72.4	0.9538	0.9834	0.8934	0.9698	0.9763	0.9154	0.8483	0.9443
72.5	0.9634	0.9824	0.9113	0.9732	0.9745	0.9452	0.8873	0.9545
72.6	0.9644	0.9791	0.8993	0.9724	0.9717	0.9396	0.8822	0.9442
72.7	0.9526	0.9743	0.8648	0.9614	0.9647	0.8933	0.8264	0.9265
72.8	0.9498	0.9781	0.8973	0.9589	0.9673	0.9030	0.8757	0.9320
72.9	0.9363	0.9742	0.9088	0.9536	0.9548	0.9098	0.8808	0.9329
73.0	0.9529	0.9744	0.9141	0.9693	0.9583	0.9121	0.8909	0.9445
73.1	0.9354	0.9727	0.8846	0.9703	0.9622	0.9045	0.8879	0.9421
73.2	0.9214	0.9726	0.8544	0.9617	0.9531	0.9068	0.8838	0.9506
73.3	0.9244	0.9744	0.9057	0.9580	0.9570	0.9188	0.8924	0.9414
73.4	0.9391	0.9689	0.9061	0.9640	0.9582	0.9113	0.8954	0.9278
73.5	0.9487	0.9695	0.9061	0.9688	0.9588	0.8981	0.8962	0.9199
73.6	0.9511	0.9779	0.9247	0.9636	0.9659	0.9042	0.9098	0.9442
73.7	0.9313	0.9793	0.9115	0.9615	0.9579	0.9187	0.9016	0.9414
73.8	0.9349	0.9803	0.9065	0.9735	0.9589	0.9220	0.8987	0.9506
73.9	0.9190	0.9793	0.9120	0.9587	0.9607	0.8963	0.8693	0.9383
74.0	0.9375	0.9815	0.9360	0.9639	0.9687	0.8964	0.8893	0.9414
74.1	0.9303	0.9748	0.9069	0.9402	0.9503	0.8413	0.8258	0.9026
74.2	0.9031	0.9567	0.8660	0.9307	0.9286	0.7767	0.7866	0.8727
74.3	0.9140	0.9640	0.9057	0.9440	0.9494	0.8290	0.8436	0.9274
74.4	0.8788	0.9595	0.9213	0.9110	0.9402	0.7791	0.8139	0.9053
74.5	0.8884	0.9685	0.9287	0.9328	0.9413	0.8595	0.8643	0.9396
74.6	0.9231	0.9787	0.9300	0.9536	0.9604	0.9109	0.8933	0.9463
74.7	0.9287	0.9691	0.9333	0.9341	0.9453	0.9010	0.8647	0.9369
74.8	0.9186	0.9719	0.9349	0.9277	0.9380	0.8999	0.8457	0.9408
74.9	0.9107	0.9700	0.9314	0.9353	0.9344	0.8800	0.8508	0.9404
75.0	0.8981	0.9642	0.9234	0.9302	0.9231	0.8974	0.8412	0.9356
75.1	0.9168	0.9647	0.9279	0.9284	0.9396	0.9053	0.8719	0.9461
75.2	0.9301	0.9619	0.9331	0.9449	0.9418	0.9034	0.8908	0.9508
75.3	0.9159	0.9657	0.9280	0.9333	0.9483	0.9173	0.8613	0.9467
75.4	0.9181	0.9664	0.9276	0.9131	0.9419	0.9050	0.8598	0.9533
75.5	0.9018	0.9637	0.9333	0.9137	0.9307	0.9173	0.8784	0.9520
75.6	0.8772	0.9602	0.9421	0.8913	0.9273	0.9213	0.8369	0.9371
75.7	0.8912	0.9682	0.9489	0.9125	0.9420	0.9357	0.8539	0.9518
75.8	0.9064	0.9671	0.9394	0.9282	0.9458	0.9405	0.8743	0.9554
75.9	0.9052	0.9598	0.9382	0.9252	0.9362	0.9418	0.8664	0.9482
76.0	0.9165	0.9665	0.9546	0.9296	0.9463	0.9542	0.8874	0.9622
76.1	0.8819	0.9506	0.9416	0.9193	0.9478	0.9405	0.8776	0.9564
76.2	0.8088	0.9535	0.9384	0.8927	0.9446	0.9277	0.8608	0.9652
76.3	0.8918	0.9719	0.9533	0.9409	0.9598	0.9565	0.9250	0.9728
76.4	0.8981	0.9612	0.9567	0.9383	0.9566	0.9632	0.9079	0.9652
76.5	0.8703	0.9486	0.9293	0.9234	0.9436	0.9545	0.8863	0.9636
76.6	0.8717	0.9393	0.9442	0.9075	0.9491	0.9519	0.8832	0.9689
76.7	0.8904	0.9512	0.9522	0.9221	0.9578	0.9582	0.9194	0.9717

76.8	0.8939	0.9624	0.9508	0.9379	0.9600	0.9622	0.9226	0.9751
76.9	0.8791	0.9541	0.9437	0.9324	0.9446	0.9537	0.9200	0.9724
77.0	0.8654	0.9531	0.9494	0.9374	0.9521	0.9687	0.9215	0.9750
77.1	0.8909	0.9579	0.9589	0.9349	0.9471	0.9747	0.9255	0.9774
77.2	0.8379	0.9565	0.9489	0.9273	0.9487	0.9746	0.9142	0.9742
77.3	0.8556	0.9468	0.9527	0.9216	0.9605	0.9751	0.9381	0.9808
77.4	0.8094	0.9206	0.9474	0.9036	0.9366	0.9661	0.9215	0.9753
77.5	0.6832	0.9125	0.9493	0.9045	0.9545	0.9727	0.9209	0.9812
77.6	0.5973	0.9177	0.9468	0.9070	0.9657	0.9704	0.9363	0.9818
77.7	0.5254	0.8856	0.9343	0.8464	0.9554	0.9641	0.9351	0.9763
77.8	0.5926	0.9021	0.9432	0.8863	0.9613	0.9767	0.9516	0.9836
77.9	0.6580	0.9114	0.9498	0.9139	0.9550	0.9751	0.9497	0.9833
78.0	0.6419	0.8797	0.9263	0.9043	0.9537	0.9690	0.9579	0.9828
78.1	0.5866	0.8236	0.9219	0.8937	0.9584	0.9665	0.9577	0.9828
78.2	0.6435	0.7878	0.9211	0.9103	0.9562	0.9696	0.9496	0.9825
78.3	0.7514	0.8004	0.9368	0.9388	0.9596	0.9759	0.9574	0.9854
78.4	0.7850	0.8313	0.9527	0.9505	0.9681	0.9803	0.9603	0.9875
78.5	0.7498	0.7446	0.9106	0.9384	0.9350	0.9742	0.9450	0.9815
78.6	0.8277	0.6794	0.9041	0.9421	0.9383	0.9734	0.9570	0.9823
78.7	0.8677	0.7142	0.9088	0.9510	0.9483	0.9732	0.9601	0.9855
78.8	0.8830	0.7074	0.8846	0.9502	0.9402	0.9730	0.9499	0.9823
78.9	0.8753	0.5878	0.7482	0.9451	0.9094	0.9306	0.8851	0.9523
79.0	0.9188	0.7563	0.7778	0.9544	0.9394	0.9287	0.8530	0.9422
79.1	0.9408	0.8940	0.9152	0.9689	0.9582	0.9743	0.9334	0.9679
79.2	0.9556	0.9136	0.9343	0.9762	0.9707	0.9852	0.9592	0.9839
79.3	0.9399	0.8886	0.9286	0.9713	0.9684	0.9823	0.9629	0.9845
79.4	0.9421	0.8914	0.9317	0.9721	0.9616	0.9841	0.9596	0.9834
79.5	0.9413	0.8665	0.9228	0.9773	0.9584	0.9811	0.9694	0.9886
79.6	0.9480	0.9126	0.9373	0.9811	0.9772	0.9878	0.9800	0.9915
79.7	0.9555	0.9231	0.9383	0.9797	0.9815	0.9887	0.9768	0.9892
79.8	0.9411	0.9280	0.9424	0.9809	0.9808	0.9869	0.9693	0.9871
79.9	0.9391	0.9174	0.9331	0.9813	0.9777	0.9854	0.9754	0.9874
80.0	0.9369	0.9330	0.9206	0.9827	0.9822	0.9857	0.9785	0.9880

2.2.28 Run 3 – IP315 – Accels 25–32

In-plane shaking at 315°. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9930	0.9993	0.9993	0.9993	0.9860	0.9847	0.8565	0.8336
0.1	0.9783	0.9964	0.9963	0.9958	0.9619	0.9670	0.6841	0.6772
0.2	0.0252	0.0003	0.0105	0.0262	0.0057	0.0044	0.0056	0.0037
0.3	0.0584	0.0321	0.0375	0.0042	0.0053	0.0021	0.0026	0.0259
0.4	0.0208	0.0303	0.0271	0.0056	0.0148	0.0009	0.0092	0.0009
0.5	0.0430	0.0226	0.0286	0.0094	0.0264	0.0246	0.0213	0.0490
0.6	0.0075	0.1642	0.2780	0.0117	0.0181	0.0017	0.0361	0.0732
0.7	0.0009	0.5783	0.5711	0.0275	0.0071	0.1674	0.0244	0.2462
0.8	0.0055	0.7522	0.6216	0.0041	0.0290	0.3624	0.0317	0.4599
0.9	0.0054	0.8061	0.6503	0.0152	0.0670	0.3671	0.0364	0.4843
1.0	0.0229	0.6993	0.3841	0.0054	0.0618	0.2009	0.0391	0.3312
1.1	0.0156	0.5978	0.1848	0.0376	0.0169	0.1988	0.1153	0.3447
1.2	0.0134	0.8808	0.3759	0.0186	0.0416	0.3281	0.1022	0.4302
1.3	0.1111	0.9726	0.5633	0.1444	0.1640	0.6260	0.3841	0.7198
1.4	0.2678	0.9796	0.6306	0.4610	0.1566	0.7618	0.5140	0.8407
1.5	0.3791	0.9605	0.6442	0.5430	0.0114	0.8060	0.6322	0.8542
1.6	0.5591	0.9746	0.7670	0.5546	0.4845	0.8861	0.8840	0.8975
1.7	0.5505	0.9667	0.8579	0.4507	0.5948	0.7582	0.8246	0.7655
1.8	0.7973	0.9692	0.9147	0.4549	0.7940	0.8217	0.8599	0.8270
1.9	0.8576	0.9567	0.9241	0.2589	0.8446	0.8067	0.8599	0.8117
2.0	0.9188	0.9206	0.9533	0.2950	0.9338	0.8865	0.8035	0.8843
2.1	0.9219	0.8942	0.9845	0.4210	0.9455	0.9578	0.7736	0.9516
2.2	0.8477	0.8003	0.9901	0.4837	0.8665	0.9754	0.7064	0.9662
2.3	0.2044	0.1476	0.8003	0.0639	0.2159	0.9595	0.0963	0.9304
2.4	0.6625	0.7677	0.9099	0.4814	0.6892	0.9914	0.8174	0.9855
2.5	0.8961	0.9531	0.9748	0.5393	0.9168	0.9942	0.9652	0.9954
2.6	0.9168	0.9782	0.9777	0.4036	0.9513	0.9896	0.9781	0.9925
2.7	0.9116	0.9883	0.9842	0.2513	0.9508	0.9898	0.9865	0.9932
2.8	0.8443	0.9915	0.9815	0.0788	0.9324	0.9809	0.9839	0.9864
2.9	0.6707	0.9947	0.9727	0.0228	0.8752	0.9650	0.9754	0.9763
3.0	0.2818	0.9958	0.9611	0.0186	0.7875	0.9357	0.9591	0.9537
3.1	0.3902	0.9980	0.9600	0.0141	0.8041	0.9200	0.9473	0.9418
3.2	0.6765	0.9982	0.9656	0.1078	0.8129	0.9175	0.9453	0.9397
3.3	0.8715	0.9991	0.9690	0.1598	0.8356	0.9046	0.9391	0.9305
3.4	0.8595	0.9990	0.9602	0.2075	0.7815	0.8772	0.9146	0.9066
3.5	0.8982	0.9991	0.9513	0.2042	0.7317	0.8242	0.8731	0.8663
3.6	0.8911	0.9991	0.9317	0.2430	0.6618	0.7299	0.8014	0.7938
3.7	0.8828	0.9989	0.9208	0.3764	0.6313	0.6715	0.7424	0.7443
3.8	0.9474	0.9991	0.9454	0.4408	0.7745	0.7554	0.7982	0.8065
3.9	0.9613	0.9993	0.9632	0.5215	0.8441	0.8308	0.8546	0.8619
4.0	0.9668	0.9994	0.9683	0.6190	0.8479	0.7972	0.8598	0.8371
4.1	0.9682	0.9992	0.9581	0.5611	0.8020	0.6739	0.7905	0.7460
4.2	0.9505	0.9986	0.9347	0.6555	0.7073	0.5349	0.6503	0.6221
4.3	0.9387	0.9981	0.9181	0.5891	0.7001	0.4104	0.5485	0.5048
4.4	0.9631	0.9987	0.9548	0.6080	0.7813	0.5511	0.6532	0.6362
4.5	0.9750	0.9987	0.9754	0.6729	0.8181	0.6833	0.7192	0.7641
4.6	0.9660	0.9983	0.9755	0.6493	0.8027	0.7386	0.6909	0.8035
4.7	0.9521	0.9975	0.9730	0.6983	0.7640	0.6921	0.5628	0.7639
4.8	0.9537	0.9967	0.9723	0.7165	0.7857	0.7555	0.6225	0.8151
4.9	0.9581	0.9970	0.9762	0.7690	0.8345	0.7856	0.6953	0.8361
5.0	0.9576	0.9971	0.9740	0.7689	0.8440	0.8351	0.7080	0.8715
5.1	0.9602	0.9967	0.9682	0.7244	0.8287	0.8289	0.7916	0.8651
5.2	0.9656	0.9966	0.9663	0.6897	0.8188	0.7593	0.7809	0.8006
5.3	0.9753	0.9973	0.9716	0.7942	0.8669	0.7505	0.7922	0.7915
5.4	0.9752	0.9980	0.9814	0.7840	0.8966	0.7560	0.8670	0.7955
5.5	0.9800	0.9977	0.9829	0.7615	0.9052	0.7575	0.9106	0.8078
5.6	0.9827	0.9980	0.9862	0.7224	0.9140	0.6984	0.9158	0.7647
5.7	0.9819	0.9980	0.9867	0.7476	0.8994	0.5377	0.9211	0.6215
5.8	0.9809	0.9978	0.9900	0.7392	0.8614	0.6411	0.9045	0.7091
5.9	0.9798	0.9969	0.9850	0.6291	0.8287	0.6533	0.8906	0.7271
6.0	0.9796	0.9967	0.9839	0.5242	0.8268	0.5522	0.9258	0.6395
6.1	0.9823	0.9976	0.9877	0.4633	0.8313	0.4557	0.9391	0.5519
6.2	0.9712	0.9970	0.9873	0.5062	0.7526	0.3993	0.9286	0.4814
6.3	0.9650	0.9968	0.9882	0.4415	0.6374	0.3928	0.9229	0.4715
6.4	0.9616	0.9975	0.9902	0.4725	0.6345	0.2804	0.9258	0.3620
6.5	0.9359	0.9975	0.9888	0.5556	0.6901	0.3093	0.9368	0.3799
6.6	0.9380	0.9967	0.9850	0.6188	0.7231	0.2889	0.9230	0.3605
6.7	0.9187	0.9969	0.9875	0.7555	0.7173	0.3715	0.9329	0.4450
6.8	0.8763	0.9963	0.9903	0.8267	0.7656	0.3886	0.9470	0.4818
6.9	0.7580	0.9902	0.9880	0.8105	0.7165	0.3327	0.9280	0.4485
7.0	0.8494	0.9847	0.9893	0.8597	0.7951	0.3535	0.9247	0.4822
7.1	0.8007	0.9522	0.9883	0.9017	0.7311	0.2914	0.7916	0.3913
7.2	0.9206	0.9567	0.9885	0.9282	0.7774	0.0390	0.7810	0.3131
7.3	0.9680	0.9646	0.9887	0.9272	0.6990	0.1263	0.7283	0.2925
7.4	0.9581	0.9039	0.9858	0.9356	0.5183	0.2290	0.5659	0.1832
7.5	0.9890	0.9485	0.9886	0.9530	0.6817	0.3944	0.8028	0.2511
7.6	0.9940	0.9714	0.9879	0.9583	0.6382	0.4605	0.7571	0.3025
7.7	0.9935	0.9862	0.9857	0.9548	0.5198	0.2679	0.6933	0.1111
7.8	0.9924	0.9908	0.9859	0.9466	0.5274	0.2025	0.6831	0.0696
7.9	0.9958	0.9898	0.9888	0.9698	0.6452	0.3080	0.7839	0.1306

8.0	0.9933	0.9868	0.9837	0.9604	0.7144	0.1864	0.8042	0.0424
8.1	0.9951	0.9925	0.9840	0.9768	0.7971	0.1757	0.8651	0.1438
8.2	0.9946	0.9902	0.9833	0.9744	0.7713	0.2018	0.8175	0.1719
8.3	0.9935	0.9938	0.9877	0.9822	0.8316	0.1927	0.8535	0.1800
8.4	0.9948	0.9925	0.9855	0.9842	0.8251	0.1615	0.8489	0.1792
8.5	0.9929	0.9937	0.9835	0.9793	0.8699	0.1813	0.8730	0.2745
8.6	0.9921	0.9921	0.9818	0.9803	0.9158	0.2871	0.9325	0.2973
8.7	0.9903	0.9950	0.9844	0.9817	0.9566	0.3443	0.9601	0.2959
8.8	0.9847	0.9903	0.9751	0.9787	0.9243	0.2994	0.9437	0.2213
8.9	0.9817	0.9874	0.9681	0.9757	0.9222	0.1905	0.9542	0.0970
9.0	0.9658	0.9747	0.9741	0.9581	0.9303	0.2608	0.9127	0.2777
9.1	0.9819	0.9843	0.9758	0.9760	0.9532	0.5240	0.9335	0.5395
9.2	0.9298	0.9465	0.9756	0.9242	0.8962	0.4186	0.8893	0.3729
9.3	0.9217	0.9303	0.9788	0.9209	0.8890	0.2426	0.8928	0.1818
9.4	0.9558	0.9520	0.9850	0.9574	0.9348	0.1762	0.9290	0.1376
9.5	0.9658	0.9566	0.9767	0.9653	0.9414	0.1650	0.9318	0.1572
9.6	0.9774	0.9641	0.9772	0.9743	0.9397	0.2474	0.9170	0.1936
9.7	0.9815	0.9601	0.9704	0.9776	0.9296	0.2029	0.8937	0.1572
9.8	0.9905	0.9607	0.9628	0.9871	0.9031	0.3026	0.8209	0.2454
9.9	0.9922	0.9489	0.9345	0.9870	0.8291	0.3346	0.7075	0.2593
10.0	0.9944	0.9315	0.8634	0.9875	0.7538	0.3217	0.5500	0.2419
10.1	0.9967	0.9291	0.8868	0.9906	0.8117	0.3473	0.6487	0.2248
10.2	0.9962	0.9271	0.8878	0.9857	0.7299	0.3282	0.6938	0.1852
10.3	0.9975	0.9201	0.9443	0.9914	0.7193	0.5096	0.6827	0.3554
10.4	0.9971	0.9009	0.9685	0.9941	0.6390	0.3302	0.7438	0.1237
10.5	0.9980	0.9050	0.9798	0.9950	0.6153	0.4854	0.7830	0.2701
10.6	0.9976	0.8653	0.9780	0.9934	0.5813	0.4897	0.7437	0.3106
10.7	0.9975	0.8527	0.9795	0.9929	0.6105	0.5636	0.6772	0.3265
10.8	0.9980	0.8735	0.9761	0.9903	0.5280	0.5807	0.7338	0.2849
10.9	0.9991	0.9371	0.9762	0.9921	0.5825	0.5497	0.6851	0.2848
11.0	0.9989	0.9425	0.9744	0.9933	0.6115	0.5651	0.5685	0.3400
11.1	0.9990	0.9604	0.9757	0.9912	0.6154	0.4842	0.5831	0.2700
11.2	0.9993	0.9609	0.9790	0.9903	0.6643	0.5163	0.5650	0.2556
11.3	0.9992	0.9727	0.9700	0.9898	0.6147	0.5251	0.5041	0.2583
11.4	0.9994	0.9797	0.9737	0.9919	0.7621	0.7082	0.5442	0.4556
11.5	0.9992	0.9763	0.9700	0.9900	0.8182	0.7143	0.5420	0.4735
11.6	0.9990	0.9757	0.9574	0.9853	0.8264	0.6494	0.4822	0.4018
11.7	0.9991	0.9818	0.9588	0.9817	0.7668	0.5228	0.5360	0.2006
11.8	0.9992	0.9847	0.9630	0.9865	0.8048	0.6624	0.5753	0.3869
11.9	0.9991	0.9856	0.9736	0.9884	0.8435	0.6996	0.5752	0.4744
12.0	0.9992	0.9894	0.9766	0.9898	0.8516	0.6638	0.6108	0.4033
12.1	0.9995	0.9921	0.9817	0.9914	0.8695	0.7415	0.7278	0.5265
12.2	0.9994	0.9907	0.9765	0.9903	0.8269	0.7361	0.6353	0.5303
12.3	0.9990	0.9896	0.9748	0.9880	0.7579	0.6686	0.6349	0.4376
12.4	0.9989	0.9898	0.9778	0.9872	0.7750	0.6579	0.7103	0.3970
12.5	0.9989	0.9920	0.9786	0.9897	0.7669	0.6644	0.8176	0.3709
12.6	0.9986	0.9940	0.9821	0.9901	0.7722	0.7582	0.8327	0.5146
12.7	0.9987	0.9906	0.9779	0.9878	0.7517	0.7084	0.7668	0.4020
12.8	0.9985	0.9903	0.9788	0.9851	0.7349	0.6927	0.7579	0.3288
12.9	0.9983	0.9902	0.9831	0.9857	0.7343	0.7053	0.7678	0.3316
13.0	0.9980	0.9924	0.9800	0.9856	0.7951	0.7166	0.7752	0.2608
13.1	0.9987	0.9925	0.9883	0.9864	0.7757	0.7602	0.7977	0.2410
13.2	0.9985	0.9911	0.9905	0.9833	0.7644	0.8088	0.7674	0.4390
13.3	0.9980	0.9937	0.9920	0.9880	0.7649	0.8791	0.7502	0.6707
13.4	0.9979	0.9932	0.9943	0.9881	0.7146	0.8301	0.6230	0.5918
13.5	0.9978	0.9921	0.9924	0.9855	0.6062	0.6309	0.6368	0.1792
13.6	0.9974	0.9912	0.9946	0.9821	0.4799	0.5661	0.6907	0.0424
13.7	0.9968	0.9887	0.9954	0.9813	0.3480	0.7203	0.7331	0.2818
13.8	0.9964	0.9921	0.9971	0.9881	0.3415	0.8314	0.7846	0.5074
13.9	0.9965	0.9902	0.9980	0.9865	0.4436	0.8674	0.8101	0.5043
14.0	0.9959	0.9878	0.9975	0.9868	0.3243	0.8515	0.7623	0.5875
14.1	0.9959	0.9872	0.9978	0.9848	0.1755	0.8878	0.7650	0.7177
14.2	0.9948	0.9812	0.9970	0.9783	0.1179	0.8736	0.7831	0.6946
14.3	0.9958	0.9881	0.9969	0.9831	0.3387	0.9035	0.8074	0.7271
14.4	0.9947	0.9883	0.9968	0.9832	0.4803	0.8985	0.8038	0.7216
14.5	0.9915	0.9856	0.9960	0.9798	0.5033	0.9165	0.8332	0.7708
14.6	0.9910	0.9875	0.9959	0.9861	0.6274	0.9354	0.8877	0.8154
14.7	0.9851	0.9872	0.9970	0.9860	0.7037	0.9211	0.9126	0.7909
14.8	0.9841	0.9899	0.9973	0.9900	0.7011	0.8954	0.9016	0.7462
14.9	0.9867	0.9938	0.9976	0.9895	0.7192	0.9079	0.8853	0.7561
15.0	0.9712	0.9915	0.9938	0.9833	0.6820	0.8282	0.8360	0.5814
15.1	0.9718	0.9912	0.9911	0.9798	0.7093	0.8089	0.8076	0.4675
15.2	0.9822	0.9922	0.9898	0.9808	0.6925	0.8222	0.8016	0.4290
15.3	0.9844	0.9929	0.9913	0.9844	0.7456	0.8793	0.8565	0.5768
15.4	0.9856	0.9932	0.9888	0.9793	0.6088	0.8957	0.8525	0.6559
15.5	0.9739	0.9857	0.9764	0.9636	0.4209	0.8894	0.7978	0.7177
15.6	0.9805	0.9866	0.9796	0.9702	0.3233	0.9333	0.8418	0.8361
15.7	0.9612	0.9793	0.9568	0.9682	0.3351	0.9102	0.8733	0.8110
15.8	0.9443	0.9741	0.9426	0.9601	0.4079	0.9000	0.8821	0.8288
15.9	0.9552	0.9760	0.9531	0.9693	0.6514	0.9412	0.9230	0.8902
16.0	0.9700	0.9772	0.9676	0.9778	0.8166	0.9555	0.9308	0.9051
16.1	0.9815	0.9744	0.9833	0.9858	0.8792	0.9725	0.9625	0.9422
16.2	0.9845	0.9536	0.9902	0.9787	0.8882	0.9768	0.9668	0.9423
16.3	0.9802	0.9448	0.9900	0.9696	0.8731	0.9647	0.9625	0.9142
16.4	0.9567	0.9561	0.9933	0.9693	0.8754	0.9664	0.9643	0.9104
16.5	0.8997	0.9573	0.9944	0.9605	0.8783	0.9699	0.9707	0.9174

16.6	0.8431	0.9660	0.9918	0.9647	0.8203	0.9559	0.9394	0.9014
16.7	0.8870	0.9552	0.9858	0.9571	0.8017	0.9406	0.9187	0.8802
16.8	0.9196	0.9543	0.9795	0.9590	0.7680	0.9558	0.8804	0.9032
16.9	0.9250	0.9579	0.9818	0.9580	0.5745	0.9531	0.8409	0.8927
17.0	0.9414	0.9565	0.9903	0.9563	0.3565	0.8638	0.8381	0.7755
17.1	0.9494	0.9720	0.9883	0.9659	0.4517	0.7507	0.8103	0.6897
17.2	0.9608	0.9716	0.9814	0.9708	0.3582	0.7982	0.8024	0.7847
17.3	0.9692	0.9686	0.9819	0.9690	0.4684	0.8426	0.7759	0.8492
17.4	0.9784	0.9713	0.9885	0.9662	0.8033	0.9639	0.9079	0.8821
17.5	0.9796	0.9808	0.9927	0.9768	0.8083	0.9772	0.9092	0.8685
17.6	0.9785	0.9826	0.9940	0.9820	0.7166	0.9699	0.9242	0.6971
17.7	0.9784	0.9887	0.9944	0.9807	0.7040	0.9817	0.9303	0.5792
17.8	0.9898	0.9930	0.9971	0.9905	0.6212	0.9848	0.9467	0.8080
17.9	0.9908	0.9910	0.9974	0.9895	0.4584	0.9830	0.9396	0.8711
18.0	0.9894	0.9906	0.9974	0.9892	0.3212	0.9836	0.9323	0.8940
18.1	0.9899	0.9909	0.9976	0.9911	0.4768	0.9832	0.9370	0.9070
18.2	0.9929	0.9928	0.9981	0.9944	0.7264	0.9863	0.9566	0.9295
18.3	0.9928	0.9905	0.9980	0.9925	0.6874	0.9828	0.9473	0.9204
18.4	0.9907	0.9912	0.9986	0.9877	0.6961	0.9881	0.9259	0.9135
18.5	0.9598	0.9809	0.9977	0.9492	0.6692	0.9833	0.8946	0.8181
18.6	0.9447	0.9922	0.9983	0.9495	0.6970	0.9845	0.9233	0.8574
18.7	0.9365	0.9952	0.9978	0.9649	0.5780	0.9795	0.8955	0.8906
18.8	0.9770	0.9939	0.9987	0.9861	0.6889	0.9827	0.8814	0.8921
18.9	0.9863	0.9922	0.9978	0.9887	0.7120	0.9798	0.8849	0.8746
19.0	0.9899	0.9944	0.9985	0.9908	0.7763	0.9829	0.9110	0.8878
19.1	0.9897	0.9933	0.9979	0.9861	0.6867	0.9723	0.8991	0.8120
19.2	0.9892	0.9899	0.9970	0.9808	0.5869	0.9639	0.8647	0.7688
19.3	0.9935	0.9908	0.9976	0.9839	0.6439	0.9698	0.9125	0.7704
19.4	0.9928	0.9894	0.9969	0.9835	0.5954	0.9615	0.9290	0.7679
19.5	0.9905	0.9859	0.9958	0.9801	0.5804	0.9565	0.9164	0.7521
19.6	0.9902	0.9829	0.9954	0.9765	0.5676	0.9516	0.9175	0.7474
19.7	0.9920	0.9809	0.9953	0.9760	0.5619	0.9638	0.9336	0.8198
19.8	0.9915	0.9778	0.9953	0.9712	0.5822	0.9634	0.9369	0.8293
19.9	0.9898	0.9573	0.9950	0.9600	0.5026	0.9465	0.9122	0.7484
20.0	0.9908	0.9458	0.9941	0.9594	0.4974	0.9131	0.8521	0.6067
20.1	0.9924	0.9376	0.9947	0.9664	0.4760	0.9074	0.8654	0.5119
20.2	0.9939	0.9415	0.9959	0.9753	0.4701	0.9045	0.8576	0.4461
20.3	0.9939	0.9263	0.9943	0.9706	0.5497	0.8513	0.7810	0.2221
20.4	0.9932	0.8953	0.9940	0.9678	0.4109	0.7757	0.7687	0.1330
20.5	0.9935	0.8639	0.9947	0.9684	0.3209	0.8043	0.8249	0.1499
20.6	0.9923	0.6999	0.9925	0.9537	0.2968	0.7857	0.7762	0.1469
20.7	0.9909	0.4657	0.9912	0.9563	0.2535	0.7760	0.7395	0.1553
20.8	0.9919	0.1218	0.9932	0.9473	0.2349	0.8270	0.8068	0.3296
20.9	0.9878	0.1250	0.9846	0.9220	0.0496	0.7721	0.7780	0.2942
21.0	0.9867	0.4348	0.9813	0.9101	0.0242	0.7768	0.7403	0.4086
21.1	0.9860	0.6605	0.9832	0.8772	0.0434	0.7556	0.7497	0.3731
21.2	0.9825	0.7695	0.9779	0.7612	0.0709	0.7578	0.7580	0.4201
21.3	0.9812	0.8264	0.9761	0.7776	0.1399	0.7670	0.7573	0.4401
21.4	0.9851	0.8764	0.9762	0.7930	0.2185	0.7535	0.7773	0.5300
21.5	0.9823	0.8810	0.9781	0.6734	0.3125	0.6730	0.7421	0.4513
21.6	0.9822	0.9112	0.9818	0.6305	0.2160	0.6230	0.6492	0.3536
21.7	0.9889	0.9257	0.9766	0.6152	0.2344	0.5303	0.5622	0.2297
21.8	0.9860	0.9085	0.9770	0.5606	0.2479	0.4800	0.4818	0.1758
21.9	0.9834	0.9254	0.9720	0.5755	0.2160	0.5018	0.4978	0.2476
22.0	0.9825	0.9008	0.9760	0.6451	0.1581	0.3096	0.4504	0.0965
22.1	0.9825	0.9112	0.9757	0.5593	0.2635	0.2651	0.5091	0.1579
22.2	0.9865	0.9521	0.9736	0.5780	0.3839	0.4186	0.6353	0.3023
22.3	0.9869	0.9440	0.9689	0.6311	0.2563	0.3815	0.6322	0.2650
22.4	0.9865	0.9491	0.9682	0.6376	0.2441	0.3288	0.5977	0.2069
22.5	0.9826	0.9559	0.9739	0.6059	0.2449	0.2387	0.5393	0.1322
22.6	0.9878	0.9581	0.9640	0.5982	0.1226	0.1941	0.4882	0.0631
22.7	0.9907	0.9634	0.9717	0.5800	0.0456	0.2093	0.6245	0.1372
22.8	0.9901	0.9604	0.9719	0.7142	0.1113	0.2939	0.6750	0.2900
22.9	0.9851	0.9475	0.9505	0.6269	0.0260	0.3379	0.6424	0.2924
23.0	0.9882	0.9463	0.9513	0.6659	0.0342	0.3163	0.5799	0.2591
23.1	0.9903	0.9546	0.9671	0.6716	0.1141	0.2203	0.4708	0.2396
23.2	0.9906	0.9578	0.9773	0.6483	0.0829	0.2304	0.4400	0.2104
23.3	0.9885	0.9635	0.9698	0.6482	0.0949	0.0823	0.3794	0.1165
23.4	0.9892	0.9494	0.9593	0.5376	0.0044	0.1567	0.3760	0.1539
23.5	0.9911	0.9591	0.9755	0.6281	0.0825	0.1440	0.4556	0.1783
23.6	0.9876	0.9558	0.9686	0.5579	0.2271	0.1429	0.5150	0.1580
23.7	0.9846	0.9435	0.9612	0.4084	0.1201	0.0773	0.4565	0.0552
23.8	0.9847	0.9507	0.9707	0.4476	0.0828	0.0856	0.4004	0.0722
23.9	0.9865	0.9541	0.9615	0.5033	0.2852	0.1022	0.5047	0.0833
24.0	0.9867	0.9568	0.9706	0.3854	0.2775	0.2178	0.6652	0.1373
24.1	0.9836	0.9433	0.9594	0.4062	0.4357	0.2199	0.6937	0.2338
24.2	0.9737	0.9063	0.9404	0.3466	0.3513	0.1647	0.5728	0.2610
24.3	0.9713	0.8975	0.9455	0.1972	0.2850	0.0191	0.5402	0.1377
24.4	0.9758	0.9323	0.9521	0.2387	0.4387	0.0801	0.5948	0.2515
24.5	0.9813	0.9301	0.9469	0.1753	0.3785	0.0331	0.5474	0.1320
24.6	0.9815	0.9326	0.9429	0.1227	0.3885	0.0717	0.5211	0.1215
24.7	0.9818	0.9320	0.9396	0.2459	0.3671	0.0330	0.3796	0.0219
24.8	0.9793	0.9379	0.9432	0.3310	0.4034	0.0163	0.3713	0.0601
24.9	0.9709	0.9197	0.9313	0.2699	0.2179	0.0233	0.2648	0.0741
25.0	0.9763	0.9086	0.9204	0.4661	0.1121	0.0924	0.3079	0.0441
25.1	0.9760	0.9059	0.9127	0.4742	0.1783	0.0997	0.4563	0.0442

25.2	0.9698	0.8745	0.8984	0.3890	0.2990	0.1383	0.4240	0.0909
25.3	0.9749	0.8461	0.8569	0.4662	0.2453	0.1735	0.2674	0.1498
25.4	0.9758	0.8466	0.8519	0.5030	0.1095	0.1288	0.3016	0.1333
25.5	0.9734	0.8205	0.8549	0.5572	0.2143	0.1195	0.4799	0.2025
25.6	0.9760	0.8267	0.8506	0.6947	0.3092	0.2142	0.5339	0.2952
25.7	0.9764	0.7791	0.8026	0.6150	0.4262	0.2123	0.5614	0.3205
25.8	0.9844	0.8043	0.7866	0.6324	0.3217	0.2103	0.4551	0.3377
25.9	0.9809	0.8126	0.7707	0.7157	0.2394	0.1412	0.4742	0.2514
26.0	0.9795	0.7918	0.7124	0.7098	0.3160	0.1667	0.4682	0.0987
26.1	0.9824	0.7389	0.6435	0.6679	0.2620	0.1671	0.3425	0.1712
26.2	0.9794	0.7463	0.5428	0.7324	0.1272	0.2208	0.1764	0.2526
26.3	0.9753	0.7094	0.5163	0.7596	0.1374	0.1833	0.3123	0.2822
26.4	0.9809	0.6887	0.5242	0.7893	0.1623	0.1826	0.3612	0.1952
26.5	0.9772	0.6313	0.5110	0.7042	0.1454	0.1500	0.3364	0.2276
26.6	0.9786	0.6160	0.6479	0.7195	0.1634	0.0683	0.4439	0.4004
26.7	0.9779	0.5444	0.6985	0.7438	0.0348	0.0578	0.3190	0.3819
26.8	0.9788	0.4750	0.7897	0.7342	0.0415	0.1307	0.3368	0.2065
26.9	0.9779	0.3422	0.8596	0.6667	0.0880	0.1045	0.3131	0.1565
27.0	0.9795	0.2219	0.8946	0.6640	0.1194	0.1113	0.2264	0.1992
27.1	0.9756	0.0850	0.9109	0.6195	0.1433	0.1703	0.2275	0.1351
27.2	0.9813	0.0316	0.9442	0.6947	0.0888	0.0511	0.3361	0.2178
27.3	0.9761	0.1405	0.9449	0.6593	0.1687	0.0529	0.2503	0.2285
27.4	0.9740	0.4054	0.9560	0.5441	0.2897	0.1256	0.2385	0.0960
27.5	0.9750	0.5014	0.9493	0.4790	0.2913	0.1744	0.3041	0.1429
27.6	0.9823	0.5797	0.9645	0.5356	0.2822	0.0736	0.2576	0.3155
27.7	0.9750	0.5764	0.9597	0.3944	0.3627	0.0912	0.2799	0.4005
27.8	0.9739	0.6868	0.9606	0.5739	0.2729	0.0958	0.2764	0.4354
27.9	0.9750	0.6245	0.9432	0.6299	0.2209	0.0900	0.1599	0.2776
28.0	0.9580	0.5931	0.9257	0.4202	0.1253	0.0553	0.0351	0.2072
28.1	0.9623	0.6005	0.9262	0.3997	0.0972	0.0430	0.0171	0.2040
28.2	0.9513	0.6018	0.9000	0.4549	0.0368	0.0152	0.0061	0.0816
28.3	0.9542	0.6549	0.8898	0.5292	0.1279	0.0754	0.0761	0.0267
28.4	0.9582	0.6413	0.8719	0.5182	0.2028	0.1543	0.1510	0.0789
28.5	0.9487	0.5874	0.8648	0.3319	0.1135	0.1307	0.0646	0.1816
28.6	0.9371	0.6166	0.8486	0.1164	0.0305	0.0598	0.0186	0.2367
28.7	0.9148	0.6553	0.8116	0.0740	0.0232	0.0718	0.0263	0.1174
28.8	0.8840	0.5705	0.7928	0.1298	0.0171	0.0231	0.0197	0.0872
28.9	0.8707	0.6142	0.8243	0.1223	0.0091	0.0372	0.0011	0.1177
29.0	0.8737	0.7566	0.7671	0.1309	0.0087	0.0014	0.0056	0.0423
29.1	0.8864	0.7020	0.8273	0.2152	0.0261	0.0168	0.0280	0.0636
29.2	0.9038	0.7222	0.8217	0.1779	0.0268	0.0155	0.0171	0.0473
29.3	0.8277	0.6979	0.7257	0.0791	0.0618	0.0122	0.0647	0.0089
29.4	0.8041	0.7651	0.7495	0.1388	0.0378	0.0202	0.0918	0.0092
29.5	0.7807	0.7902	0.7887	0.2208	0.0325	0.0958	0.1017	0.0227
29.6	0.7551	0.7657	0.7717	0.2097	0.0168	0.0171	0.0452	0.0054
29.7	0.7091	0.7595	0.7583	0.2800	0.1310	0.0100	0.0884	0.0579
29.8	0.7183	0.8108	0.8331	0.3747	0.1283	0.0396	0.0895	0.0136
29.9	0.3768	0.6238	0.7666	0.0662	0.0290	0.0239	0.0187	0.0302
30.0	0.3096	0.6063	0.7488	0.0348	0.0946	0.0384	0.0902	0.0070
30.1	0.6536	0.7288	0.7622	0.2321	0.1417	0.0142	0.1286	0.1084
30.2	0.5811	0.7350	0.7560	0.3462	0.0081	0.1260	0.0264	0.2012
30.3	0.4043	0.7387	0.7944	0.3209	0.0305	0.1641	0.0841	0.1085
30.4	0.5130	0.8269	0.8523	0.3819	0.1283	0.0333	0.2321	0.0192
30.5	0.6198	0.8436	0.8769	0.3839	0.1129	0.0635	0.2626	0.0233
30.6	0.5793	0.7869	0.8372	0.3058	0.0573	0.0674	0.1495	0.1002
30.7	0.4826	0.7808	0.8512	0.5296	0.0319	0.0648	0.0517	0.0840
30.8	0.3973	0.8202	0.8523	0.6066	0.0558	0.0964	0.1536	0.0558
30.9	0.4205	0.8062	0.8310	0.4620	0.0064	0.1420	0.0504	0.1184
31.0	0.4390	0.8328	0.8605	0.4777	0.0488	0.2368	0.1169	0.1023
31.1	0.5756	0.8574	0.8937	0.6671	0.2007	0.1636	0.2998	0.0235
31.2	0.4922	0.7541	0.8326	0.5386	0.1051	0.1401	0.2179	0.0326
31.3	0.4516	0.7115	0.8140	0.3235	0.0652	0.1570	0.1881	0.0236
31.4	0.6246	0.8003	0.8266	0.4091	0.0414	0.0851	0.1494	0.1081
31.5	0.6365	0.8332	0.8041	0.4548	0.1114	0.1249	0.1683	0.1147
31.6	0.6857	0.7975	0.8075	0.5281	0.0745	0.2346	0.1414	0.0834
31.7	0.7050	0.7808	0.7835	0.4903	0.0167	0.1658	0.1430	0.0860
31.8	0.7391	0.8530	0.8258	0.5741	0.1843	0.0483	0.3387	0.1681
31.9	0.6774	0.7751	0.7671	0.3401	0.0963	0.0656	0.2060	0.1455
32.0	0.6899	0.8153	0.7776	0.3924	0.0388	0.2097	0.1839	0.0713
32.1	0.7392	0.8783	0.7946	0.4918	0.0304	0.1602	0.2998	0.1746
32.2	0.7572	0.8650	0.7921	0.5106	0.0530	0.1159	0.3012	0.2424
32.3	0.6188	0.7832	0.7086	0.4485	0.0648	0.1297	0.2940	0.1523
32.4	0.7242	0.8407	0.7647	0.6641	0.1471	0.1366	0.3707	0.1914
32.5	0.7462	0.8428	0.7651	0.7055	0.0645	0.0978	0.2391	0.2932
32.6	0.7513	0.8249	0.7505	0.6892	0.1302	0.0996	0.1405	0.2487
32.7	0.7789	0.8558	0.7244	0.6927	0.1250	0.1183	0.1719	0.1997
32.8	0.7459	0.8146	0.7359	0.5704	0.1010	0.1537	0.1222	0.3019
32.9	0.6338	0.8015	0.7835	0.6035	0.0744	0.1365	0.1997	0.2334
33.0	0.6673	0.8288	0.7745	0.6396	0.0131	0.1819	0.2078	0.1466
33.1	0.6570	0.8064	0.6502	0.5305	0.0496	0.1805	0.2227	0.1201
33.2	0.4604	0.7951	0.6337	0.5272	0.0587	0.2240	0.0881	0.1890
33.3	0.4576	0.7951	0.6917	0.4324	0.0844	0.2990	0.0668	0.2573
33.4	0.5315	0.7517	0.6975	0.3329	0.0815	0.2235	0.0855	0.1954
33.5	0.4859	0.7759	0.6050	0.3358	0.1228	0.1607	0.0268	0.1955
33.6	0.2324	0.7403	0.4194	0.2634	0.0394	0.1131	0.0146	0.0825
33.7	0.3534	0.8011	0.3170	0.4693	0.0733	0.1893	0.0105	0.0989

33.8	0.3947	0.7825	0.3039	0.4748	0.1216	0.1938	0.0686	0.0908
33.9	0.4581	0.7591	0.3036	0.4706	0.0880	0.1191	0.0212	0.1227
34.0	0.3780	0.8013	0.3995	0.5162	0.0465	0.0842	0.0452	0.0355
34.1	0.3675	0.7392	0.3985	0.4091	0.0748	0.1092	0.0410	0.0874
34.2	0.2789	0.6827	0.4673	0.3007	0.0140	0.1250	0.0901	0.0429
34.3	0.2878	0.7210	0.4074	0.3859	0.0205	0.0241	0.1063	0.0347
34.4	0.4629	0.7224	0.4244	0.4620	0.0633	0.0218	0.1195	0.0692
34.5	0.3130	0.7273	0.3411	0.3534	0.0250	0.0359	0.1229	0.0071
34.6	0.4263	0.7728	0.3399	0.3951	0.0271	0.0338	0.1276	0.0671
34.7	0.5043	0.7520	0.4081	0.4244	0.0395	0.0131	0.1647	0.0718
34.8	0.4117	0.7498	0.3803	0.3603	0.0553	0.0036	0.1536	0.0198
34.9	0.4949	0.7854	0.5095	0.4344	0.0736	0.0313	0.1785	0.0693
35.0	0.4920	0.7677	0.4967	0.4620	0.0272	0.0609	0.1936	0.0717
35.1	0.4412	0.7648	0.4648	0.4735	0.0270	0.1098	0.1763	0.0869
35.2	0.4686	0.8197	0.4671	0.5185	0.0806	0.1472	0.1597	0.0920
35.3	0.4784	0.8103	0.4445	0.5334	0.0748	0.0717	0.1117	0.0810
35.4	0.5229	0.8179	0.3714	0.5732	0.0642	0.0251	0.0876	0.1337
35.5	0.5089	0.8337	0.4947	0.5097	0.0562	0.1555	0.2167	0.0108
35.6	0.4563	0.8419	0.5263	0.5407	0.0896	0.0856	0.1168	0.0273
35.7	0.4754	0.8416	0.5404	0.6371	0.1599	0.1059	0.1148	0.1153
35.8	0.4544	0.8293	0.5974	0.6382	0.2290	0.2270	0.2130	0.1020
35.9	0.3082	0.8751	0.5730	0.6877	0.1188	0.1598	0.2433	0.0230
36.0	0.4103	0.8680	0.5610	0.6524	0.0506	0.0900	0.2899	0.0022
36.1	0.5109	0.8668	0.5500	0.6610	0.0867	0.1064	0.2453	0.0086
36.2	0.6148	0.8821	0.5460	0.7292	0.2023	0.1954	0.2690	0.0293
36.3	0.4944	0.8667	0.5910	0.7170	0.1637	0.1725	0.3208	0.0459
36.4	0.4852	0.8750	0.6344	0.7315	0.0660	0.2074	0.2412	0.0837
36.5	0.4775	0.9093	0.6477	0.8213	0.0587	0.1878	0.2062	0.0347
36.6	0.3214	0.8832	0.5217	0.7716	0.1032	0.1471	0.1418	0.0211
36.7	0.1511	0.8789	0.4361	0.7658	0.2140	0.1873	0.1627	0.0575
36.8	0.1373	0.8806	0.4029	0.7841	0.1354	0.2003	0.1631	0.0242
36.9	0.1260	0.8687	0.4549	0.7717	0.0480	0.2148	0.3054	0.0688
37.0	0.1822	0.9067	0.5045	0.8250	0.0684	0.2105	0.2647	0.0331
37.1	0.2561	0.9405	0.5885	0.8764	0.0879	0.1999	0.3773	0.0564
37.2	0.2889	0.9294	0.6545	0.8747	0.0705	0.1722	0.2889	0.0474
37.3	0.3238	0.9477	0.5339	0.9014	0.1201	0.3381	0.1715	0.0914
37.4	0.2733	0.9392	0.5094	0.8278	0.0295	0.4323	0.1739	0.0738
37.5	0.4798	0.9298	0.5986	0.8534	0.0146	0.4039	0.2150	0.1002
37.6	0.6975	0.9499	0.6969	0.9139	0.0440	0.4628	0.4010	0.1401
37.7	0.6546	0.9411	0.6714	0.9253	0.0615	0.5611	0.4258	0.0920
37.8	0.6445	0.9290	0.7739	0.9135	0.0735	0.5149	0.3513	0.3028
37.9	0.6287	0.9350	0.7810	0.9154	0.0435	0.5577	0.3233	0.3362
38.0	0.6513	0.9318	0.7732	0.8853	0.0578	0.6725	0.3717	0.2625
38.1	0.6248	0.9158	0.7387	0.8644	0.0945	0.5481	0.3495	0.1730
38.2	0.6969	0.9273	0.8548	0.9009	0.1048	0.5975	0.4230	0.1130
38.3	0.7448	0.9404	0.8428	0.9267	0.1204	0.6719	0.4171	0.1586
38.4	0.7836	0.9500	0.8687	0.9200	0.0431	0.7671	0.3723	0.0688
38.5	0.7327	0.9465	0.8600	0.8982	0.0104	0.7189	0.3415	0.0836
38.6	0.7060	0.9262	0.8476	0.9009	0.0108	0.7077	0.3289	0.0691
38.7	0.8082	0.9566	0.8938	0.9367	0.0608	0.8123	0.4401	0.1918
38.8	0.7087	0.9513	0.8452	0.9305	0.0270	0.7761	0.2599	0.1248
38.9	0.5851	0.9277	0.7947	0.9165	0.1076	0.7574	0.3736	0.1361
39.0	0.5796	0.9355	0.8136	0.9277	0.0929	0.8099	0.3575	0.1263
39.1	0.5717	0.9517	0.7910	0.9370	0.1455	0.8603	0.4124	0.1416
39.2	0.4673	0.9433	0.7998	0.9365	0.3348	0.8488	0.5126	0.2430
39.3	0.3081	0.9533	0.7463	0.9390	0.2896	0.8478	0.5490	0.1703
39.4	0.1490	0.9648	0.7653	0.9473	0.2446	0.8856	0.5751	0.0756
39.5	0.1565	0.9664	0.6759	0.9596	0.1815	0.8887	0.6717	0.1935
39.6	0.1800	0.9673	0.7036	0.9562	0.2585	0.9034	0.7181	0.2281
39.7	0.2428	0.9707	0.6882	0.9660	0.3677	0.9105	0.7287	0.1557
39.8	0.2743	0.9678	0.6387	0.9583	0.4040	0.8567	0.7743	0.1458
39.9	0.4214	0.9728	0.5824	0.9622	0.4833	0.8981	0.8340	0.1421
40.0	0.3759	0.9731	0.5579	0.9627	0.4651	0.8952	0.8028	0.2852
40.1	0.4577	0.9674	0.5402	0.9557	0.3613	0.9033	0.8014	0.1515
40.2	0.5729	0.9707	0.5842	0.9503	0.3032	0.8999	0.8467	0.1560
40.3	0.6577	0.9747	0.6280	0.9480	0.4331	0.9199	0.8603	0.1265
40.4	0.7046	0.9772	0.7221	0.9580	0.4593	0.9407	0.8787	0.2443
40.5	0.5639	0.9782	0.7090	0.9505	0.4415	0.9043	0.8729	0.3754
40.6	0.5879	0.9750	0.6741	0.9530	0.3414	0.8889	0.8673	0.2569
40.7	0.6452	0.9739	0.6921	0.9560	0.3739	0.9131	0.8578	0.2848
40.8	0.6386	0.9766	0.6555	0.9535	0.4288	0.9064	0.8549	0.2798
40.9	0.6063	0.9812	0.7725	0.9480	0.4967	0.9200	0.8993	0.2401
41.0	0.5383	0.9846	0.8096	0.9415	0.5109	0.9130	0.9156	0.2087
41.1	0.6261	0.9827	0.7941	0.9318	0.4701	0.8732	0.8686	0.2508
41.2	0.7446	0.9831	0.8348	0.9402	0.6140	0.8893	0.9041	0.2900
41.3	0.8113	0.9859	0.8730	0.9481	0.6293	0.9203	0.9251	0.3566
41.4	0.7925	0.9885	0.9150	0.9586	0.5769	0.9320	0.9067	0.3585
41.5	0.6991	0.9882	0.8902	0.9453	0.5576	0.9023	0.9001	0.3684
41.6	0.6282	0.9880	0.9011	0.9291	0.6390	0.8820	0.9077	0.3605
41.7	0.6273	0.9866	0.8961	0.9232	0.6851	0.9025	0.9117	0.2436
41.8	0.7221	0.9864	0.9100	0.9041	0.5941	0.8811	0.9026	0.2801
41.9	0.7927	0.9891	0.9147	0.8857	0.6389	0.8831	0.8974	0.3809
42.0	0.7347	0.9905	0.9110	0.9186	0.7031	0.9069	0.9085	0.4363
42.1	0.7813	0.9917	0.9370	0.9344	0.7451	0.9115	0.9231	0.3075
42.2	0.8721	0.9895	0.9448	0.9218	0.7183	0.8760	0.9165	0.4185
42.3	0.8859	0.9876	0.9405	0.9095	0.6792	0.8263	0.9094	0.5712

42.4	0.8975	0.9924	0.9311	0.9476	0.6867	0.8038	0.9147	0.5767
42.5	0.9142	0.9919	0.9507	0.9406	0.6988	0.8419	0.9190	0.6754
42.6	0.9095	0.9927	0.9544	0.9445	0.7150	0.8449	0.9274	0.7058
42.7	0.9139	0.9937	0.9584	0.9396	0.7261	0.8276	0.9423	0.7166
42.8	0.9218	0.9929	0.9676	0.9189	0.7794	0.8146	0.9371	0.6424
42.9	0.9282	0.9915	0.9575	0.9372	0.7651	0.8151	0.9279	0.6274
43.0	0.9381	0.9930	0.9567	0.9378	0.7089	0.8054	0.9126	0.6689
43.1	0.9371	0.9933	0.9445	0.9430	0.7149	0.8045	0.9022	0.7115
43.2	0.9392	0.9937	0.9606	0.9421	0.7690	0.7569	0.9118	0.7135
43.3	0.9177	0.9940	0.9608	0.9426	0.7741	0.8186	0.8862	0.7494
43.4	0.9061	0.9948	0.9450	0.9489	0.8150	0.7546	0.9074	0.7575
43.5	0.8111	0.9949	0.9118	0.9397	0.8156	0.6041	0.9108	0.6654
43.6	0.8304	0.9942	0.9439	0.9510	0.8113	0.5130	0.9108	0.6568
43.7	0.9162	0.9953	0.9534	0.9557	0.8221	0.4630	0.8785	0.5949
43.8	0.9292	0.9926	0.9458	0.9458	0.7868	0.3251	0.8723	0.6278
43.9	0.9364	0.9935	0.9502	0.9384	0.8438	0.3309	0.9166	0.7182
44.0	0.9227	0.9949	0.9640	0.9331	0.8874	0.2798	0.9189	0.6438
44.1	0.9137	0.9947	0.9584	0.9179	0.8813	0.1031	0.9033	0.5045
44.2	0.9158	0.9937	0.9685	0.9362	0.8293	0.1145	0.8552	0.4550
44.3	0.9475	0.9952	0.9741	0.9510	0.8338	0.0171	0.8875	0.3961
44.4	0.9387	0.9963	0.9639	0.9624	0.8639	0.0465	0.8943	0.3054
44.5	0.9375	0.9955	0.9755	0.9636	0.8545	0.2679	0.8365	0.3170
44.6	0.8979	0.9947	0.9573	0.9580	0.8223	0.1958	0.7549	0.3032
44.7	0.8457	0.9937	0.9345	0.9377	0.8012	0.2774	0.7147	0.1709
44.8	0.8107	0.9918	0.9387	0.9267	0.7555	0.2769	0.5413	0.1698
44.9	0.6813	0.9939	0.9363	0.9345	0.7910	0.2694	0.6560	0.2106
45.0	0.8587	0.9942	0.9587	0.9179	0.8181	0.3240	0.6977	0.2077
45.1	0.9299	0.9953	0.9612	0.9399	0.8305	0.4133	0.5680	0.1633
45.2	0.9040	0.9959	0.9620	0.9606	0.8475	0.3475	0.4150	0.1164
45.3	0.9124	0.9964	0.9705	0.9554	0.8477	0.3551	0.4366	0.2029
45.4	0.9346	0.9951	0.9477	0.9304	0.8160	0.3693	0.4123	0.1832
45.5	0.9196	0.9943	0.9368	0.9129	0.7940	0.3980	0.3759	0.0793
45.6	0.9455	0.9956	0.9647	0.9388	0.8118	0.6020	0.3240	0.1486
45.7	0.9477	0.9967	0.9764	0.9347	0.7883	0.5362	0.3508	0.1705
45.8	0.9525	0.9952	0.9713	0.9168	0.8103	0.5523	0.3757	0.1275
45.9	0.9657	0.9957	0.9670	0.9504	0.8271	0.6802	0.4680	0.1934
46.0	0.9409	0.9954	0.9542	0.9419	0.8255	0.4800	0.6075	0.1502
46.1	0.8897	0.9927	0.9340	0.8952	0.7514	0.5311	0.5539	0.2472
46.2	0.9469	0.9954	0.9338	0.9249	0.7930	0.7629	0.7537	0.4687
46.3	0.9209	0.9955	0.9250	0.9315	0.7550	0.7049	0.7735	0.4623
46.4	0.9353	0.9957	0.9585	0.9409	0.7457	0.6109	0.8438	0.3414
46.5	0.9559	0.9956	0.9633	0.9290	0.7162	0.2937	0.8882	0.3345
46.6	0.9514	0.9953	0.9639	0.9327	0.7386	0.0852	0.9270	0.3568
46.7	0.9230	0.9954	0.9432	0.9254	0.7588	0.3262	0.9242	0.2198
46.8	0.8673	0.9933	0.9011	0.8816	0.7211	0.4903	0.9036	0.2376
46.9	0.8237	0.9925	0.9120	0.8907	0.7404	0.6634	0.8844	0.2094
47.0	0.9089	0.9937	0.9347	0.9295	0.8096	0.7262	0.9131	0.3041
47.1	0.9011	0.9946	0.9000	0.9184	0.8210	0.5328	0.9267	0.2691
47.2	0.8321	0.9954	0.9039	0.9215	0.8290	0.5908	0.9176	0.2305
47.3	0.8366	0.9950	0.9439	0.9269	0.8627	0.7040	0.9199	0.3432
47.4	0.7703	0.9945	0.9427	0.9239	0.8127	0.7525	0.8824	0.4210
47.5	0.8459	0.9963	0.9650	0.9326	0.7952	0.8577	0.8519	0.4037
47.6	0.8382	0.9962	0.9669	0.9227	0.8681	0.8879	0.8685	0.1589
47.7	0.8958	0.9954	0.9542	0.9280	0.8872	0.8315	0.8677	0.0453
47.8	0.9012	0.9932	0.9374	0.9173	0.8538	0.7755	0.8443	0.0158
47.9	0.9008	0.9947	0.9440	0.9233	0.8754	0.8311	0.8525	0.0550
48.0	0.8829	0.9965	0.9436	0.9217	0.8539	0.8203	0.8462	0.0698
48.1	0.8963	0.9965	0.9473	0.9184	0.8407	0.8321	0.8293	0.0265
48.2	0.8824	0.9935	0.9417	0.8869	0.7974	0.8377	0.7586	0.0757
48.3	0.9079	0.9931	0.9262	0.8800	0.7953	0.8844	0.8343	0.1856
48.4	0.8092	0.9931	0.9230	0.8880	0.7714	0.8746	0.7977	0.1106
48.5	0.9096	0.9933	0.9457	0.8962	0.7795	0.8838	0.7583	0.1666
48.6	0.9247	0.9941	0.9514	0.8792	0.7707	0.9192	0.7348	0.1020
48.7	0.9175	0.9939	0.9383	0.8927	0.7809	0.8770	0.7416	0.1169
48.8	0.9432	0.9952	0.9299	0.8932	0.7848	0.8455	0.7613	0.1818
48.9	0.8879	0.9943	0.9130	0.8810	0.7062	0.8150	0.6755	0.1186
49.0	0.8322	0.9934	0.8764	0.8608	0.6252	0.8255	0.6355	0.2599
49.1	0.8704	0.9921	0.8951	0.8618	0.6272	0.7990	0.6120	0.2908
49.2	0.7844	0.9915	0.8637	0.7969	0.5735	0.7895	0.5210	0.3474
49.3	0.8534	0.9944	0.9153	0.8432	0.6085	0.8566	0.6363	0.4862
49.4	0.9051	0.9931	0.9429	0.8517	0.4488	0.8299	0.6492	0.4274
49.5	0.9012	0.9903	0.9401	0.8424	0.4526	0.7867	0.6416	0.3357
49.6	0.9055	0.9923	0.9393	0.8327	0.4650	0.8360	0.6720	0.4124
49.7	0.8869	0.9950	0.9227	0.8513	0.4193	0.8897	0.6642	0.5065
49.8	0.9130	0.9943	0.9488	0.8865	0.4493	0.8610	0.6342	0.4351
49.9	0.8749	0.9894	0.9397	0.8868	0.5046	0.8069	0.4773	0.3152
50.0	0.9034	0.9850	0.9359	0.8792	0.4584	0.8245	0.3578	0.1602
50.1	0.9048	0.9870	0.9153	0.8243	0.1477	0.7373	0.3771	0.1311
50.2	0.9083	0.9911	0.9336	0.8300	0.3335	0.7805	0.5101	0.1349
50.3	0.9250	0.9935	0.9327	0.9007	0.4273	0.8111	0.3968	0.2497
50.4	0.9148	0.9934	0.9186	0.9004	0.3025	0.8426	0.4688	0.3044
50.5	0.8492	0.9926	0.9019	0.8617	0.2807	0.7992	0.4914	0.2624
50.6	0.7900	0.9940	0.9036	0.8859	0.1978	0.7565	0.4442	0.2662
50.7	0.8797	0.9939	0.9151	0.9169	0.4086	0.7950	0.5199	0.4461
50.8	0.8409	0.9918	0.8997	0.8986	0.4832	0.7505	0.4873	0.3312
50.9	0.7288	0.9919	0.8860	0.8792	0.2746	0.6428	0.4938	0.1747

51.0	0.7624	0.9924	0.8901	0.8924	0.2807	0.6892	0.6179	0.3806
51.1	0.6847	0.9921	0.8884	0.9065	0.3759	0.6651	0.7231	0.3469
51.2	0.7193	0.9940	0.9169	0.9194	0.3413	0.7503	0.8011	0.2484
51.3	0.7844	0.9938	0.9156	0.9084	0.4040	0.7665	0.8751	0.3242
51.4	0.7483	0.9919	0.9066	0.8942	0.4633	0.5621	0.8617	0.2889
51.5	0.5067	0.9936	0.8671	0.8981	0.5116	0.5362	0.8523	0.3557
51.6	0.2376	0.9928	0.8877	0.9155	0.4941	0.6077	0.8757	0.3850
51.7	0.5639	0.9935	0.9040	0.9138	0.3342	0.6219	0.8671	0.4372
51.8	0.6702	0.9945	0.8952	0.9248	0.3836	0.6406	0.8889	0.3153
51.9	0.6014	0.9930	0.8585	0.9103	0.4301	0.5892	0.9028	0.3923
52.0	0.6012	0.9928	0.8960	0.9222	0.5776	0.4585	0.9075	0.5303
52.1	0.5222	0.9939	0.9148	0.9344	0.5967	0.5101	0.8919	0.4507
52.2	0.6648	0.9916	0.9196	0.9155	0.6527	0.5135	0.9029	0.5292
52.3	0.8347	0.9923	0.9369	0.9153	0.7079	0.5939	0.9257	0.5599
52.4	0.8745	0.9917	0.9305	0.8915	0.7449	0.5662	0.9212	0.5625
52.5	0.7740	0.9907	0.8865	0.8838	0.7692	0.5450	0.9302	0.6469
52.6	0.7957	0.9939	0.9138	0.8986	0.7859	0.3995	0.9492	0.6412
52.7	0.8689	0.9928	0.9415	0.9109	0.8096	0.1965	0.9520	0.7197
52.8	0.9234	0.9915	0.9588	0.9444	0.8143	0.0998	0.9529	0.8067
52.9	0.8970	0.9907	0.9592	0.9430	0.7208	0.1032	0.9292	0.7472
53.0	0.8859	0.9917	0.9676	0.9542	0.5484	0.2602	0.9147	0.7072
53.1	0.8623	0.9902	0.9714	0.9297	0.6150	0.1657	0.9113	0.6390
53.2	0.9251	0.9896	0.9753	0.9222	0.5763	0.0357	0.9312	0.7032
53.3	0.9390	0.9912	0.9738	0.9318	0.6086	0.1771	0.9377	0.6758
53.4	0.9292	0.9916	0.9692	0.9269	0.5696	0.5380	0.9415	0.6339
53.5	0.8994	0.9938	0.9712	0.9334	0.4774	0.6472	0.9438	0.7365
53.6	0.8809	0.9934	0.9701	0.9422	0.3216	0.7802	0.9266	0.8161
53.7	0.9266	0.9939	0.9742	0.9597	0.3021	0.7928	0.9329	0.8632
53.8	0.8821	0.9948	0.9603	0.9439	0.2223	0.7309	0.9307	0.8746
53.9	0.9104	0.9939	0.9666	0.9574	0.1930	0.7803	0.9450	0.8993
54.0	0.9619	0.9940	0.9827	0.9536	0.1137	0.8588	0.9563	0.9021
54.1	0.9272	0.9927	0.9734	0.9116	0.1620	0.7735	0.9318	0.8378
54.2	0.8827	0.9876	0.9410	0.8779	0.3811	0.7526	0.8789	0.8168
54.3	0.9460	0.9917	0.9749	0.9200	0.5389	0.8810	0.9027	0.8922
54.4	0.9652	0.9928	0.9827	0.9298	0.6397	0.9053	0.9322	0.9151
54.5	0.9783	0.9918	0.9915	0.9397	0.7624	0.8997	0.9484	0.9384
54.6	0.9622	0.9922	0.9849	0.9414	0.7578	0.8962	0.9327	0.9006
54.7	0.9452	0.9928	0.9756	0.9316	0.8116	0.8878	0.9370	0.8939
54.8	0.9317	0.9937	0.9703	0.9384	0.8127	0.8443	0.9158	0.8997
54.9	0.9594	0.9953	0.9774	0.9518	0.8201	0.8805	0.9334	0.9274
55.0	0.9642	0.9935	0.9817	0.9472	0.7570	0.8977	0.9467	0.9260
55.1	0.9743	0.9939	0.9865	0.9518	0.7477	0.8708	0.9277	0.9102
55.2	0.9712	0.9938	0.9877	0.9423	0.7112	0.8451	0.9017	0.8559
55.3	0.9659	0.9919	0.9849	0.9173	0.6872	0.8293	0.8987	0.8374
55.4	0.9682	0.9941	0.9857	0.9235	0.7112	0.8328	0.9110	0.8254
55.5	0.9542	0.9947	0.9633	0.9274	0.7108	0.8070	0.9026	0.8214
55.6	0.9663	0.9950	0.9765	0.9362	0.7043	0.8600	0.9213	0.8809
55.7	0.9791	0.9950	0.9891	0.9199	0.6904	0.8540	0.9045	0.8517
55.8	0.9808	0.9960	0.9931	0.9367	0.7016	0.8610	0.9089	0.8179
55.9	0.9800	0.9960	0.9924	0.9393	0.7132	0.8529	0.8834	0.7082
56.0	0.9692	0.9953	0.9884	0.9295	0.7216	0.7032	0.8851	0.6913
56.1	0.9664	0.9962	0.9881	0.9270	0.7293	0.7259	0.8725	0.7744
56.2	0.9636	0.9949	0.9907	0.9114	0.7141	0.8176	0.8571	0.7750
56.3	0.9662	0.9938	0.9940	0.9255	0.7054	0.7774	0.8881	0.7841
56.4	0.9709	0.9953	0.9940	0.9401	0.7436	0.7091	0.9102	0.8242
56.5	0.9744	0.9961	0.9944	0.9438	0.7421	0.6504	0.9120	0.7103
56.6	0.9492	0.9933	0.9933	0.9269	0.7218	0.6276	0.8716	0.5992
56.7	0.9498	0.9927	0.9935	0.9258	0.7798	0.6719	0.8599	0.6308
56.8	0.9577	0.9934	0.9918	0.9007	0.6725	0.4613	0.8768	0.6223
56.9	0.9411	0.9927	0.9923	0.8859	0.6713	0.4195	0.8403	0.6698
57.0	0.9478	0.9924	0.9916	0.9281	0.6985	0.3535	0.8173	0.6949
57.1	0.9188	0.9935	0.9903	0.9066	0.7650	0.4145	0.8332	0.7584
57.2	0.8591	0.9924	0.9838	0.8802	0.7817	0.5566	0.8639	0.7874
57.3	0.8871	0.9952	0.9899	0.9026	0.8283	0.7518	0.8945	0.8245
57.4	0.8505	0.9927	0.9858	0.8911	0.8127	0.6888	0.8242	0.7066
57.5	0.9145	0.9947	0.9924	0.9187	0.8187	0.5867	0.8157	0.6996
57.6	0.9017	0.9943	0.9932	0.9126	0.8346	0.5478	0.8597	0.7064
57.7	0.9069	0.9932	0.9932	0.8683	0.8136	0.6178	0.8485	0.6931
57.8	0.8982	0.9917	0.9913	0.8206	0.7791	0.6391	0.8427	0.7003
57.9	0.8822	0.9894	0.9915	0.8140	0.6934	0.4717	0.7952	0.6728
58.0	0.8910	0.9906	0.9930	0.8891	0.6919	0.5188	0.8043	0.7135
58.1	0.9003	0.9904	0.9944	0.8974	0.7307	0.5495	0.7776	0.6377
58.2	0.8963	0.9891	0.9924	0.8591	0.7158	0.5129	0.7802	0.6509
58.3	0.8820	0.9890	0.9882	0.8429	0.6944	0.5131	0.7634	0.6393
58.4	0.9190	0.9911	0.9943	0.8746	0.8124	0.5343	0.8401	0.7622
58.5	0.9149	0.9916	0.9935	0.8725	0.8352	0.5038	0.8652	0.8074
58.6	0.8918	0.9907	0.9932	0.9210	0.8492	0.5796	0.8402	0.8091
58.7	0.8909	0.9880	0.9909	0.9288	0.8134	0.5380	0.7849	0.7316
58.8	0.8683	0.9853	0.9880	0.8971	0.7181	0.4153	0.7083	0.6732
58.9	0.8774	0.9886	0.9892	0.8898	0.6733	0.3640	0.6985	0.7196
59.0	0.8380	0.9846	0.9825	0.8792	0.1934	0.0880	0.3968	0.5289
59.1	0.8658	0.9853	0.9863	0.9172	0.2919	0.1461	0.5671	0.6039
59.2	0.8822	0.9893	0.9921	0.9293	0.8025	0.3202	0.8191	0.7532
59.3	0.8691	0.9894	0.9924	0.9171	0.8352	0.1709	0.8031	0.7638
59.4	0.8911	0.9913	0.9928	0.9232	0.8912	0.1235	0.8494	0.8001
59.5	0.8763	0.9881	0.9928	0.9169	0.8739	0.1557	0.8311	0.7360

59.6	0.8481	0.9873	0.9898	0.9024	0.8563	0.0639	0.8219	0.6974
59.7	0.8686	0.9891	0.9913	0.9327	0.9053	0.1286	0.8511	0.6477
59.8	0.8507	0.9478	0.9723	0.9255	0.8007	0.1291	0.7666	0.6244
59.9	0.8240	0.0873	0.1610	0.2375	0.7538	0.1230	0.7475	0.7154
60.0	0.7905	0.0932	0.1334	0.0644	0.9194	0.3135	0.8980	0.7563
60.1	0.8249	0.0148	0.0518	0.3282	0.9359	0.2299	0.9176	0.7738
60.2	0.8581	0.9413	0.9679	0.9096	0.9377	0.2736	0.8847	0.7382
60.3	0.8778	0.9896	0.9914	0.9188	0.9379	0.3445	0.8947	0.7701
60.4	0.8828	0.9913	0.9912	0.9196	0.9564	0.3575	0.8962	0.7554
60.5	0.9009	0.9894	0.9933	0.9296	0.9553	0.2538	0.9221	0.8027
60.6	0.9024	0.9898	0.9933	0.9244	0.9562	0.2439	0.9200	0.8168
60.7	0.8717	0.9904	0.9924	0.9227	0.9571	0.2420	0.9448	0.8370
60.8	0.8740	0.9920	0.9913	0.9227	0.9647	0.1403	0.9551	0.8677
60.9	0.8439	0.9891	0.9927	0.9089	0.9685	0.2794	0.9218	0.8149
61.0	0.8558	0.9876	0.9934	0.9164	0.9635	0.5378	0.9205	0.8211
61.1	0.8757	0.9882	0.9926	0.9506	0.9605	0.6395	0.9186	0.8579
61.2	0.8609	0.9880	0.9919	0.9398	0.9601	0.6196	0.8927	0.7941
61.3	0.8416	0.9894	0.9893	0.9322	0.9624	0.6635	0.8961	0.7360
61.4	0.7999	0.9873	0.9892	0.9208	0.9591	0.6842	0.8782	0.5906
61.5	0.7872	0.9846	0.9902	0.8835	0.9644	0.7318	0.8431	0.4793
61.6	0.8292	0.9821	0.9897	0.9033	0.9713	0.7729	0.8663	0.4606
61.7	0.8474	0.9826	0.9895	0.8999	0.9643	0.7576	0.8626	0.2630
61.8	0.8980	0.9907	0.9936	0.9395	0.9707	0.8797	0.9052	0.3128
61.9	0.8766	0.9884	0.9937	0.9530	0.9769	0.9168	0.9100	0.3153
62.0	0.8260	0.9820	0.9915	0.9310	0.9726	0.8645	0.8857	0.1661
62.1	0.8541	0.9810	0.9917	0.8847	0.9629	0.8824	0.8739	0.2384
62.2	0.8761	0.9865	0.9922	0.8896	0.9729	0.9057	0.8911	0.2419
62.3	0.8280	0.9812	0.9909	0.9207	0.9685	0.9053	0.8840	0.2071
62.4	0.8147	0.9801	0.9913	0.9380	0.9692	0.9165	0.8810	0.1826
62.5	0.8550	0.9859	0.9929	0.9420	0.9725	0.8983	0.8893	0.2329
62.6	0.8584	0.9884	0.9919	0.9314	0.9678	0.8889	0.9174	0.3370
62.7	0.8372	0.9834	0.9903	0.9301	0.9628	0.8825	0.9029	0.2572
62.8	0.8329	0.9809	0.9931	0.9470	0.9766	0.9103	0.9044	0.3146
62.9	0.8264	0.9793	0.9921	0.9448	0.9751	0.9115	0.9066	0.3407
63.0	0.7792	0.9808	0.9905	0.9398	0.9720	0.9303	0.8910	0.3837
63.1	0.7950	0.9810	0.9908	0.9466	0.9768	0.9299	0.8906	0.4597
63.2	0.7886	0.9782	0.9919	0.9500	0.9774	0.9021	0.8804	0.4309
63.3	0.8187	0.9829	0.9929	0.9558	0.9798	0.9341	0.8748	0.4701
63.4	0.8832	0.9897	0.9943	0.9529	0.9809	0.9562	0.8718	0.5279
63.5	0.8461	0.9863	0.9944	0.9587	0.9796	0.9521	0.8634	0.4915
63.6	0.7616	0.9802	0.9914	0.9521	0.9746	0.9441	0.8542	0.4924
63.7	0.7654	0.9845	0.9915	0.9553	0.9770	0.9534	0.8385	0.5505
63.8	0.6997	0.9836	0.9929	0.9574	0.9761	0.9579	0.8303	0.5760
63.9	0.6967	0.9843	0.9916	0.9709	0.9727	0.9534	0.8060	0.5188
64.0	0.6884	0.9837	0.9903	0.9718	0.9757	0.9516	0.8057	0.5027
64.1	0.6980	0.9828	0.9895	0.9634	0.9765	0.9308	0.7015	0.4498
64.2	0.7158	0.9825	0.9902	0.9700	0.9824	0.9443	0.6814	0.4986
64.3	0.6382	0.9855	0.9931	0.9774	0.9792	0.9556	0.7180	0.5433
64.4	0.4802	0.9824	0.9902	0.9674	0.9734	0.9279	0.6571	0.5127
64.5	0.5935	0.9724	0.9889	0.9627	0.9613	0.9147	0.6881	0.4307
64.6	0.6737	0.9829	0.9891	0.9580	0.9592	0.9317	0.8308	0.2188
64.7	0.6057	0.9863	0.9917	0.9701	0.9648	0.9499	0.9174	0.1773
64.8	0.7249	0.9840	0.9908	0.9743	0.9692	0.9610	0.9105	0.2152
64.9	0.7134	0.9850	0.9917	0.9675	0.9779	0.9635	0.9221	0.1027
65.0	0.7519	0.9878	0.9906	0.9678	0.9641	0.9631	0.9334	0.0597
65.1	0.8309	0.9896	0.9893	0.9726	0.9611	0.9616	0.9484	0.1905
65.2	0.7832	0.9817	0.9864	0.9629	0.9487	0.9526	0.9488	0.3869
65.3	0.7450	0.9790	0.9881	0.9604	0.9484	0.9114	0.9439	0.3640
65.4	0.7368	0.9755	0.9847	0.9588	0.9519	0.8653	0.9440	0.4230
65.5	0.7954	0.9815	0.9870	0.9563	0.9692	0.8808	0.9490	0.5326
65.6	0.8509	0.9861	0.9897	0.9607	0.9742	0.8978	0.9683	0.5908
65.7	0.8248	0.9807	0.9860	0.9584	0.9716	0.8558	0.9658	0.5885
65.8	0.8205	0.9785	0.9862	0.9535	0.9697	0.8613	0.9664	0.6204
65.9	0.8512	0.9815	0.9876	0.9468	0.9738	0.8255	0.9704	0.6967
66.0	0.8671	0.9828	0.9858	0.9399	0.9783	0.8142	0.9708	0.7390
66.1	0.8457	0.9820	0.9879	0.9324	0.9818	0.8319	0.9669	0.7252
66.2	0.8120	0.9801	0.9866	0.9390	0.9730	0.8701	0.9633	0.7510
66.3	0.8560	0.9855	0.9867	0.9516	0.9772	0.9402	0.9798	0.8650
66.4	0.8212	0.9814	0.9849	0.9382	0.9788	0.9450	0.9747	0.8599
66.5	0.7738	0.9778	0.9837	0.9287	0.9700	0.9164	0.9559	0.8152
66.6	0.8704	0.9838	0.9856	0.9577	0.9762	0.9417	0.9590	0.8828
66.7	0.8944	0.9862	0.9887	0.9697	0.9818	0.9483	0.9671	0.8677
66.8	0.8842	0.9861	0.9887	0.9689	0.9845	0.9526	0.9695	0.8948
66.9	0.8869	0.9864	0.9888	0.9567	0.9789	0.9406	0.9691	0.9182
67.0	0.9021	0.9879	0.9895	0.9575	0.9732	0.9266	0.9647	0.9071
67.1	0.8864	0.9842	0.9887	0.9617	0.9730	0.9363	0.9701	0.9120
67.2	0.8955	0.9875	0.9926	0.9673	0.9829	0.9455	0.9637	0.9214
67.3	0.8919	0.9870	0.9912	0.9613	0.9785	0.9329	0.9456	0.9140
67.4	0.8994	0.9855	0.9909	0.9613	0.9701	0.8981	0.9412	0.9252
67.5	0.8826	0.9860	0.9914	0.9717	0.9798	0.9057	0.9408	0.9272
67.6	0.8857	0.9849	0.9906	0.9654	0.9678	0.8990	0.9271	0.9191
67.7	0.9094	0.9876	0.9917	0.9697	0.9740	0.9262	0.9293	0.9393
67.8	0.8974	0.9877	0.9928	0.9645	0.9777	0.9233	0.9376	0.9540
67.9	0.9243	0.9886	0.9919	0.9711	0.9841	0.9051	0.9286	0.9502
68.0	0.8916	0.9854	0.9890	0.9664	0.9807	0.8650	0.8880	0.9469
68.1	0.8903	0.9860	0.9898	0.9700	0.9818	0.8620	0.8828	0.9468

68.2	0.9056	0.9898	0.9939	0.9711	0.9812	0.8461	0.8634	0.9467
68.3	0.8738	0.9883	0.9900	0.9714	0.9653	0.7920	0.7739	0.9259
68.4	0.8853	0.9892	0.9912	0.9764	0.9701	0.8055	0.7995	0.9410
68.5	0.9237	0.9911	0.9920	0.9748	0.9669	0.8141	0.8107	0.9189
68.6	0.8730	0.9878	0.9893	0.9705	0.9621	0.8456	0.7488	0.9020
68.7	0.8811	0.9890	0.9912	0.9725	0.9589	0.7950	0.6309	0.9214
68.8	0.8757	0.9881	0.9898	0.9667	0.9277	0.8185	0.5131	0.9022
68.9	0.8970	0.9899	0.9919	0.9697	0.9516	0.8167	0.2959	0.9092
69.0	0.9018	0.9913	0.9931	0.9756	0.9564	0.8854	0.2136	0.9201
69.1	0.8771	0.9881	0.9904	0.9721	0.9188	0.8342	0.1275	0.8782
69.2	0.8500	0.9891	0.9900	0.9735	0.8816	0.8201	0.1867	0.8832
69.3	0.8559	0.9906	0.9921	0.9687	0.8871	0.8017	0.4076	0.8878
69.4	0.8725	0.9898	0.9938	0.9714	0.9115	0.8235	0.6415	0.9119
69.5	0.8745	0.9906	0.9916	0.9681	0.9043	0.8046	0.7912	0.9284
69.6	0.8796	0.9928	0.9926	0.9656	0.9085	0.8549	0.7458	0.9272
69.7	0.9106	0.9932	0.9929	0.9700	0.9134	0.8651	0.7409	0.9197
69.8	0.8818	0.9885	0.9894	0.9639	0.9091	0.7748	0.7743	0.8854
69.9	0.8823	0.9878	0.9890	0.9679	0.9308	0.7346	0.8771	0.9126
70.0	0.8539	0.9784	0.9875	0.9591	0.9230	0.6800	0.8719	0.9011
70.1	0.8595	0.9890	0.9917	0.9688	0.9409	0.7012	0.8828	0.8896
70.2	0.8866	0.9926	0.9903	0.9678	0.9427	0.6515	0.8880	0.8837
70.3	0.8773	0.9913	0.9903	0.9678	0.9374	0.6545	0.9037	0.9122
70.4	0.7949	0.9902	0.9877	0.9691	0.9417	0.6022	0.9043	0.9028
70.5	0.7898	0.9917	0.9873	0.9521	0.9384	0.5844	0.8881	0.8709
70.6	0.8169	0.9896	0.9877	0.9315	0.9353	0.5738	0.8800	0.8449
70.7	0.7998	0.9865	0.9826	0.9323	0.9204	0.6033	0.8739	0.8621
70.8	0.8002	0.9877	0.9860	0.9529	0.9395	0.6329	0.8800	0.8975
70.9	0.8318	0.9898	0.9882	0.9378	0.9358	0.6684	0.8910	0.8842
71.0	0.8215	0.9915	0.9879	0.9366	0.9236	0.7557	0.9004	0.8755
71.1	0.8591	0.9944	0.9899	0.9632	0.9416	0.8316	0.9430	0.9054
71.2	0.8556	0.9929	0.9874	0.9621	0.9489	0.7993	0.9537	0.9023
71.3	0.8286	0.9908	0.9847	0.9518	0.9493	0.7425	0.9523	0.9082
71.4	0.8171	0.9914	0.9833	0.9464	0.9499	0.7402	0.9338	0.8908
71.5	0.8444	0.9933	0.9836	0.9395	0.9489	0.7210	0.9278	0.9032
71.6	0.8328	0.9923	0.9846	0.9409	0.9445	0.7679	0.9349	0.8835
71.7	0.8369	0.9911	0.9810	0.9410	0.9295	0.7615	0.9142	0.8692
71.8	0.8109	0.9874	0.9762	0.9052	0.9170	0.6810	0.8893	0.8135
71.9	0.7793	0.9906	0.9751	0.9213	0.9191	0.6975	0.8932	0.7956
72.0	0.8018	0.9892	0.9724	0.9377	0.9395	0.7407	0.9276	0.8256
72.1	0.8168	0.9903	0.9751	0.9231	0.9668	0.8165	0.9533	0.8965
72.2	0.8393	0.9910	0.9803	0.9379	0.9517	0.8452	0.9326	0.8480
72.3	0.7715	0.9891	0.9749	0.9371	0.9356	0.8584	0.9311	0.7931
72.4	0.7750	0.9904	0.9770	0.9189	0.9458	0.8474	0.9541	0.7950
72.5	0.8152	0.9891	0.9800	0.9274	0.9508	0.8395	0.9551	0.7998
72.6	0.8041	0.9875	0.9748	0.9069	0.9416	0.8426	0.9370	0.7610
72.7	0.7024	0.9841	0.9646	0.8903	0.9267	0.8209	0.9085	0.6763
72.8	0.6987	0.9858	0.9684	0.8862	0.9351	0.8422	0.9332	0.7104
72.9	0.7472	0.9857	0.9747	0.8716	0.9360	0.8420	0.9319	0.7379
73.0	0.7861	0.9854	0.9774	0.8413	0.9526	0.8427	0.9411	0.7501
73.1	0.7424	0.9847	0.9693	0.8211	0.9390	0.8240	0.9295	0.6735
73.2	0.6858	0.9830	0.9640	0.8290	0.9235	0.8118	0.9226	0.5769
73.3	0.7929	0.9845	0.9687	0.8701	0.9384	0.8342	0.9373	0.6270
73.4	0.8211	0.9830	0.9716	0.8488	0.9356	0.8625	0.9458	0.7332
73.5	0.8040	0.9808	0.9704	0.7721	0.9188	0.8309	0.9505	0.7334
73.6	0.8105	0.9839	0.9727	0.7907	0.9339	0.8389	0.9510	0.6792
73.7	0.7900	0.9810	0.9715	0.7824	0.9298	0.8392	0.9463	0.6932
73.8	0.8177	0.9844	0.9743	0.7307	0.9473	0.8798	0.9534	0.7007
73.9	0.7694	0.9730	0.9635	0.6073	0.9449	0.8360	0.9498	0.6899
74.0	0.8389	0.9705	0.9747	0.6257	0.9498	0.8427	0.9475	0.6778
74.1	0.8072	0.9605	0.9639	0.6568	0.9168	0.8221	0.9244	0.5650
74.2	0.7564	0.9376	0.9402	0.4786	0.8957	0.7536	0.9101	0.5798
74.3	0.8323	0.9313	0.9636	0.4586	0.9323	0.8152	0.9476	0.6936
74.4	0.7969	0.8841	0.9540	0.4123	0.9125	0.7596	0.9409	0.6727
74.5	0.8458	0.9198	0.9627	0.3031	0.9271	0.7567	0.9482	0.7094
74.6	0.8907	0.9549	0.9762	0.2346	0.9562	0.8036	0.9618	0.7301
74.7	0.8700	0.9362	0.9710	0.1956	0.9342	0.8375	0.9429	0.6395
74.8	0.8583	0.9378	0.9644	0.2284	0.9201	0.7813	0.9454	0.6438
74.9	0.8474	0.9234	0.9668	0.1751	0.9149	0.6669	0.9598	0.7110
75.0	0.8672	0.8947	0.9678	0.1283	0.9242	0.6316	0.9512	0.6947
75.1	0.8740	0.9170	0.9656	0.2306	0.9204	0.6594	0.9504	0.6578
75.2	0.8825	0.8851	0.9690	0.1756	0.9167	0.6542	0.9521	0.6241
75.3	0.8664	0.8685	0.9640	0.1308	0.9166	0.7231	0.9498	0.6855
75.4	0.8623	0.8285	0.9623	0.1135	0.8905	0.6681	0.9404	0.7023
75.5	0.9006	0.8910	0.9732	0.1829	0.8984	0.6135	0.9550	0.6720
75.6	0.8893	0.8943	0.9689	0.2047	0.9075	0.6650	0.9489	0.6321
75.7	0.9017	0.8476	0.9718	0.3126	0.9229	0.6108	0.9541	0.6258
75.8	0.9057	0.8450	0.9735	0.2903	0.9248	0.6636	0.9604	0.6977
75.9	0.8937	0.8323	0.9678	0.1969	0.8997	0.7037	0.9529	0.6859
76.0	0.9184	0.8704	0.9774	0.3474	0.9056	0.7265	0.9589	0.7660
76.1	0.9129	0.8579	0.9723	0.4561	0.9011	0.7090	0.9607	0.7602
76.2	0.9080	0.8272	0.9722	0.5073	0.8868	0.6693	0.9525	0.7191
76.3	0.9422	0.9015	0.9795	0.6494	0.8909	0.7257	0.9657	0.7673
76.4	0.9425	0.9281	0.9773	0.6311	0.8892	0.7128	0.9572	0.7590
76.5	0.9174	0.9159	0.9750	0.6492	0.8357	0.6933	0.9440	0.7606
76.6	0.9258	0.9364	0.9730	0.7412	0.8580	0.6593	0.9408	0.7036
76.7	0.9352	0.9372	0.9742	0.7556	0.8529	0.6834	0.9572	0.7968

76.8	0.9452	0.9173	0.9782	0.8068	0.8680	0.6824	0.9650	0.8170
76.9	0.9380	0.9037	0.9764	0.7801	0.8587	0.6922	0.9563	0.7922
77.0	0.9522	0.9329	0.9809	0.8168	0.8202	0.7253	0.9627	0.8149
77.1	0.9570	0.9409	0.9823	0.8041	0.8085	0.6963	0.9683	0.8660
77.2	0.9396	0.9431	0.9761	0.7953	0.7130	0.6479	0.9611	0.8561
77.3	0.9572	0.9555	0.9827	0.8154	0.7213	0.6444	0.9725	0.8954
77.4	0.9591	0.9440	0.9793	0.7849	0.6002	0.6419	0.9656	0.8838
77.5	0.9529	0.9459	0.9787	0.7811	0.4702	0.6039	0.9604	0.8785
77.6	0.9569	0.9536	0.9793	0.7682	0.5100	0.6413	0.9612	0.8986
77.7	0.9509	0.9397	0.9769	0.6552	0.5952	0.6374	0.9481	0.8599
77.8	0.9622	0.9538	0.9848	0.6917	0.7274	0.6843	0.9635	0.9160
77.9	0.9660	0.9535	0.9830	0.6606	0.7243	0.5900	0.9488	0.9118
78.0	0.9622	0.9470	0.9792	0.6873	0.8142	0.5432	0.9350	0.9114
78.1	0.9636	0.9432	0.9781	0.6998	0.8669	0.6878	0.9369	0.9241
78.2	0.9653	0.9267	0.9784	0.6526	0.8696	0.6020	0.9214	0.9046
78.3	0.9724	0.9425	0.9845	0.7356	0.8961	0.6503	0.9319	0.9192
78.4	0.9712	0.9577	0.9884	0.7627	0.9254	0.7457	0.9412	0.9347
78.5	0.9624	0.9267	0.9808	0.7615	0.9260	0.6705	0.9186	0.8958
78.6	0.9684	0.9400	0.9799	0.7510	0.9288	0.7022	0.8960	0.9034
78.7	0.9811	0.9343	0.9843	0.7785	0.9371	0.7473	0.8874	0.9043
78.8	0.9806	0.9142	0.9786	0.7644	0.9196	0.7020	0.8443	0.8755
78.9	0.9788	0.9121	0.9414	0.7898	0.9014	0.5831	0.7583	0.8609
79.0	0.9667	0.9366	0.9291	0.8112	0.8805	0.5327	0.7547	0.8692
79.1	0.9619	0.9380	0.9575	0.8093	0.9035	0.7616	0.8259	0.8908
79.2	0.9723	0.9483	0.9787	0.8218	0.9132	0.8264	0.8290	0.9189
79.3	0.9694	0.9363	0.9794	0.7590	0.9252	0.7742	0.7561	0.8858
79.4	0.9734	0.9364	0.9806	0.8196	0.9477	0.7638	0.7892	0.8779
79.5	0.9784	0.9347	0.9833	0.8588	0.9411	0.8318	0.8191	0.8762
79.6	0.9834	0.9479	0.9877	0.9258	0.9522	0.8514	0.9023	0.9261
79.7	0.9776	0.9533	0.9880	0.9161	0.9404	0.8360	0.8831	0.9233
79.8	0.9729	0.9413	0.9836	0.9111	0.9348	0.8085	0.8689	0.9293
79.9	0.9723	0.9416	0.9840	0.9267	0.9386	0.8140	0.8758	0.9348
80.0	0.9821	0.9460	0.9827	0.9308	0.9519	0.8497	0.8872	0.9388

2.2.29 Run 3 – IP315 – Accels 33–40

In-plane shaking at 315°. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.9519	0.9182	0.8782	0.8460	0.9712	0.8392	0.7777	0.7137
0.1	0.8869	0.8270	0.7061	0.5633	0.9453	0.6892	0.5128	0.3872
0.2	0.0128	0.0045	0.0020	0.0169	0.0083	0.0177	0.0025	0.0041
0.3	0.0277	0.0147	0.0174	0.0203	0.0099	0.0055	0.0029	0.0011
0.4	0.0309	0.0325	0.0071	0.0359	0.0309	0.0159	0.0171	0.0014
0.5	0.0156	0.0765	0.0212	0.0533	0.0510	0.0055	0.0100	0.0028
0.6	0.3431	0.5281	0.0435	0.0326	0.1203	0.0291	0.0029	0.0325
0.7	0.7194	0.8742	0.0011	0.1257	0.4925	0.0247	0.0197	0.0625
0.8	0.8492	0.9355	0.0271	0.3856	0.7614	0.0078	0.0540	0.2517
0.9	0.9089	0.9614	0.0784	0.6450	0.8224	0.0694	0.1156	0.2309
1.0	0.8306	0.9427	0.0792	0.6351	0.6550	0.0731	0.0894	0.0763
1.1	0.6175	0.8647	0.0466	0.3733	0.4083	0.0413	0.0143	0.1204
1.2	0.7868	0.9188	0.1561	0.6954	0.6265	0.1034	0.0284	0.1410
1.3	0.8451	0.8860	0.5299	0.8575	0.7016	0.3940	0.4311	0.3339
1.4	0.5078	0.8225	0.7201	0.8476	0.7059	0.7165	0.7585	0.2590
1.5	0.6544	0.8254	0.8435	0.8491	0.7145	0.8295	0.8850	0.3703
1.6	0.9076	0.8784	0.9252	0.8952	0.8091	0.8705	0.9533	0.7705
1.7	0.9651	0.8100	0.9233	0.9233	0.8325	0.8068	0.9567	0.6868
1.8	0.9812	0.8501	0.9565	0.9175	0.8794	0.8946	0.9653	0.8141
1.9	0.9752	0.8303	0.9669	0.9142	0.8756	0.9119	0.9621	0.8365
2.0	0.9333	0.8932	0.9584	0.8936	0.9317	0.9278	0.9118	0.9126
2.1	0.8987	0.9479	0.9267	0.8844	0.9767	0.9128	0.8899	0.9622
2.2	0.8009	0.9500	0.8424	0.7965	0.9767	0.8321	0.7929	0.9590
2.3	0.1479	0.8893	0.2048	0.1461	0.7346	0.1831	0.1431	0.7425
2.4	0.7685	0.9464	0.6536	0.7668	0.8534	0.6992	0.7795	0.8178
2.5	0.9534	0.9797	0.8714	0.9532	0.9947	0.9152	0.9575	0.8739
2.6	0.9788	0.9883	0.8742	0.9774	0.9988	0.9350	0.9814	0.8601
2.7	0.9884	0.9924	0.7758	0.9882	0.9992	0.9410	0.9904	0.8823
2.8	0.9915	0.9935	0.5970	0.9911	0.9991	0.9151	0.9936	0.8494
2.9	0.9947	0.9917	0.6019	0.9942	0.9990	0.8476	0.9957	0.7857
3.0	0.9956	0.9904	0.8236	0.9956	0.9988	0.4163	0.9957	0.6840
3.1	0.9976	0.9925	0.9308	0.9973	0.9990	0.0532	0.9973	0.6609
3.2	0.9979	0.9943	0.9590	0.9978	0.9993	0.6272	0.9982	0.6479
3.3	0.9988	0.9955	0.9796	0.9989	0.9993	0.8957	0.9984	0.6848
3.4	0.9984	0.9936	0.9762	0.9986	0.9992	0.9135	0.9977	0.5978
3.5	0.9987	0.9941	0.9838	0.9987	0.9987	0.9465	0.9976	0.4717
3.6	0.9984	0.9912	0.9822	0.9990	0.9983	0.9566	0.9962	0.3944
3.7	0.9987	0.9910	0.9880	0.9989	0.9979	0.9475	0.9948	0.2868
3.8	0.9989	0.9948	0.9912	0.9993	0.9985	0.9760	0.9953	0.5055
3.9	0.9991	0.9963	0.9922	0.9993	0.9987	0.9848	0.9944	0.6813
4.0	0.9993	0.9970	0.9943	0.9991	0.9989	0.9853	0.9938	0.6634
4.1	0.9993	0.9968	0.9922	0.9988	0.9986	0.9865	0.9861	0.5156
4.2	0.9985	0.9948	0.9892	0.9978	0.9973	0.9806	0.9652	0.3649
4.3	0.9977	0.9942	0.9883	0.9972	0.9967	0.9743	0.9412	0.3531
4.4	0.9984	0.9962	0.9923	0.9982	0.9980	0.9865	0.9429	0.4517
4.5	0.9985	0.9975	0.9920	0.9983	0.9980	0.9857	0.9217	0.4690
4.6	0.9981	0.9982	0.9901	0.9976	0.9975	0.9827	0.8988	0.4717
4.7	0.9973	0.9974	0.9848	0.9970	0.9973	0.9753	0.8333	0.4919
4.8	0.9969	0.9977	0.9869	0.9966	0.9964	0.9779	0.8333	0.4718
4.9	0.9977	0.9978	0.9896	0.9969	0.9967	0.9829	0.8762	0.5368
5.0	0.9973	0.9978	0.9874	0.9967	0.9958	0.9821	0.8614	0.5970
5.1	0.9974	0.9964	0.9899	0.9969	0.9937	0.9822	0.8778	0.5107
5.2	0.9977	0.9929	0.9931	0.9970	0.9902	0.9869	0.8680	0.4078
5.3	0.9977	0.9919	0.9924	0.9973	0.9911	0.9906	0.8853	0.5481
5.4	0.9977	0.9916	0.9912	0.9983	0.9912	0.9908	0.9228	0.5488
5.5	0.9979	0.9933	0.9942	0.9984	0.9927	0.9930	0.9415	0.4176
5.6	0.9983	0.9917	0.9952	0.9980	0.9922	0.9943	0.9423	0.3807
5.7	0.9980	0.9882	0.9952	0.9976	0.9901	0.9931	0.9399	0.3938
5.8	0.9973	0.9924	0.9952	0.9970	0.9934	0.9938	0.9102	0.5276
5.9	0.9965	0.9930	0.9960	0.9958	0.9928	0.9956	0.8900	0.4313
6.0	0.9971	0.9920	0.9961	0.9963	0.9920	0.9943	0.9228	0.2477
6.1	0.9971	0.9927	0.9966	0.9966	0.9934	0.9954	0.9414	0.2608
6.2	0.9970	0.9919	0.9949	0.9963	0.9931	0.9942	0.9293	0.1721
6.3	0.9970	0.9915	0.9950	0.9966	0.9928	0.9924	0.9126	0.0255
6.4	0.9971	0.9929	0.9935	0.9966	0.9943	0.9927	0.9219	0.1185
6.5	0.9968	0.9935	0.9864	0.9962	0.9941	0.9927	0.9269	0.2552
6.6	0.9953	0.9946	0.9881	0.9948	0.9950	0.9917	0.9274	0.2547
6.7	0.9953	0.9964	0.9868	0.9951	0.9966	0.9930	0.9360	0.2172
6.8	0.9948	0.9969	0.9727	0.9948	0.9970	0.9937	0.9545	0.2046
6.9	0.9910	0.9956	0.8525	0.9897	0.9958	0.9909	0.8936	0.1482
7.0	0.9885	0.9966	0.8558	0.9860	0.9950	0.9925	0.9003	0.1624
7.1	0.9693	0.9969	0.8181	0.9593	0.9940	0.9916	0.7699	0.1619
7.2	0.9708	0.9981	0.9323	0.9620	0.9952	0.9892	0.8348	0.2896
7.3	0.9675	0.9973	0.9744	0.9616	0.9953	0.9888	0.8416	0.3130
7.4	0.9325	0.9974	0.9685	0.9057	0.9953	0.9906	0.7589	0.0720
7.5	0.9679	0.9982	0.9921	0.9487	0.9962	0.9932	0.9046	0.0186
7.6	0.9739	0.9977	0.9958	0.9664	0.9956	0.9891	0.8894	0.0116
7.7	0.9807	0.9974	0.9954	0.9786	0.9952	0.9889	0.8341	0.0099
7.8	0.9859	0.9974	0.9944	0.9852	0.9937	0.9886	0.7979	0.0359
7.9	0.9870	0.9975	0.9970	0.9862	0.9943	0.9951	0.8528	0.0041

8.0	0.9829	0.9964	0.9950	0.9817	0.9937	0.9916	0.8453	0.0120
8.1	0.9886	0.9966	0.9963	0.9891	0.9937	0.9940	0.8759	0.0261
8.2	0.9886	0.9961	0.9956	0.9882	0.9922	0.9929	0.8148	0.0183
8.3	0.9916	0.9967	0.9948	0.9912	0.9920	0.9919	0.8299	0.0246
8.4	0.9907	0.9964	0.9957	0.9905	0.9923	0.9934	0.7948	0.0075
8.5	0.9916	0.9964	0.9941	0.9919	0.9901	0.9916	0.7959	0.0360
8.6	0.9910	0.9950	0.9934	0.9902	0.9879	0.9903	0.8674	0.0157
8.7	0.9954	0.9934	0.9917	0.9947	0.9863	0.9893	0.9088	0.0458
8.8	0.9927	0.9914	0.9868	0.9915	0.9822	0.9828	0.8499	0.0344
8.9	0.9894	0.9842	0.9835	0.9873	0.9693	0.9802	0.8272	0.1906
9.0	0.9819	0.9817	0.9688	0.9773	0.9649	0.9634	0.5554	0.3696
9.1	0.9874	0.9850	0.9830	0.9856	0.9799	0.9804	0.1694	0.4112
9.2	0.9648	0.9692	0.9343	0.9556	0.9604	0.9281	0.1692	0.2436
9.3	0.9457	0.9727	0.9242	0.9362	0.9657	0.9221	0.6078	0.1845
9.4	0.9591	0.9875	0.9552	0.9530	0.9865	0.9569	0.7135	0.2719
9.5	0.9568	0.9885	0.9639	0.9530	0.9871	0.9671	0.6543	0.2162
9.6	0.9444	0.9869	0.9753	0.9499	0.9851	0.9788	0.5595	0.2797
9.7	0.9267	0.9858	0.9786	0.9350	0.9844	0.9828	0.3665	0.3025
9.8	0.9082	0.9852	0.9882	0.9276	0.9828	0.9910	0.1958	0.1080
9.9	0.8898	0.9835	0.9896	0.8802	0.9795	0.9928	0.1394	0.0280
10.0	0.8922	0.9751	0.9926	0.7957	0.9659	0.9952	0.0627	0.0123
10.1	0.9434	0.9780	0.9955	0.8300	0.9700	0.9971	0.2104	0.0300
10.2	0.9676	0.9764	0.9940	0.8784	0.9688	0.9962	0.1243	0.0673
10.3	0.9851	0.9811	0.9960	0.9366	0.9774	0.9976	0.1892	0.0502
10.4	0.9882	0.9852	0.9953	0.9574	0.9843	0.9974	0.2386	0.1404
10.5	0.9929	0.9878	0.9966	0.9767	0.9878	0.9983	0.2444	0.2001
10.6	0.9947	0.9874	0.9953	0.9840	0.9893	0.9979	0.2524	0.1428
10.7	0.9953	0.9888	0.9948	0.9864	0.9905	0.9978	0.2119	0.1534
10.8	0.9950	0.9886	0.9950	0.9872	0.9900	0.9983	0.1832	0.2821
10.9	0.9965	0.9900	0.9979	0.9919	0.9910	0.9992	0.2671	0.2230
11.0	0.9960	0.9909	0.9973	0.9919	0.9901	0.9990	0.1882	0.3120
11.1	0.9968	0.9926	0.9975	0.9943	0.9909	0.9991	0.3898	0.3515
11.2	0.9964	0.9935	0.9974	0.9938	0.9930	0.9994	0.6264	0.3031
11.3	0.9972	0.9906	0.9973	0.9948	0.9909	0.9993	0.6220	0.2219
11.4	0.9977	0.9919	0.9976	0.9963	0.9923	0.9994	0.7126	0.3712
11.5	0.9964	0.9919	0.9969	0.9952	0.9924	0.9993	0.7909	0.3615
11.6	0.9962	0.9900	0.9969	0.9943	0.9891	0.9990	0.8005	0.3594
11.7	0.9975	0.9886	0.9955	0.9966	0.9879	0.9990	0.7861	0.4665
11.8	0.9972	0.9911	0.9960	0.9963	0.9905	0.9991	0.8286	0.5656
11.9	0.9973	0.9935	0.9953	0.9961	0.9925	0.9990	0.8493	0.5457
12.0	0.9978	0.9938	0.9952	0.9975	0.9926	0.9993	0.8644	0.6037
12.1	0.9985	0.9946	0.9960	0.9984	0.9943	0.9995	0.9076	0.6576
12.2	0.9984	0.9931	0.9950	0.9976	0.9925	0.9993	0.8296	0.6521
12.3	0.9979	0.9921	0.9948	0.9977	0.9909	0.9989	0.7406	0.6196
12.4	0.9983	0.9921	0.9948	0.9978	0.9913	0.9989	0.7796	0.6769
12.5	0.9983	0.9891	0.9949	0.9975	0.9896	0.9990	0.8115	0.5857
12.6	0.9986	0.9902	0.9954	0.9976	0.9901	0.9988	0.7831	0.5400
12.7	0.9981	0.9863	0.9927	0.9963	0.9867	0.9988	0.7422	0.6227
12.8	0.9974	0.9864	0.9909	0.9961	0.9868	0.9988	0.7474	0.6476
12.9	0.9975	0.9884	0.9888	0.9950	0.9883	0.9985	0.7574	0.7036
13.0	0.9972	0.9860	0.9881	0.9954	0.9864	0.9985	0.7831	0.8023
13.1	0.9975	0.9923	0.9900	0.9974	0.9925	0.9988	0.7611	0.8192
13.2	0.9977	0.9930	0.9884	0.9973	0.9932	0.9987	0.7478	0.7934
13.3	0.9966	0.9944	0.9821	0.9978	0.9941	0.9983	0.7379	0.8201
13.4	0.9973	0.9959	0.9820	0.9986	0.9961	0.9981	0.6371	0.8414
13.5	0.9967	0.9949	0.9773	0.9986	0.9953	0.9979	0.5500	0.7517
13.6	0.9968	0.9964	0.9690	0.9984	0.9965	0.9977	0.5410	0.6833
13.7	0.9967	0.9965	0.9675	0.9981	0.9967	0.9976	0.4860	0.7166
13.8	0.9976	0.9974	0.9631	0.9985	0.9978	0.9976	0.5523	0.8174
13.9	0.9976	0.9978	0.9294	0.9979	0.9983	0.9977	0.6337	0.8322
14.0	0.9969	0.9977	0.8881	0.9972	0.9978	0.9974	0.5735	0.7352
14.1	0.9970	0.9979	0.8901	0.9975	0.9977	0.9974	0.4550	0.8138
14.2	0.9950	0.9974	0.8747	0.9957	0.9974	0.9964	0.2118	0.8005
14.3	0.9958	0.9975	0.9171	0.9963	0.9973	0.9970	0.0897	0.8312
14.4	0.9957	0.9970	0.9401	0.9963	0.9969	0.9963	0.0755	0.7705
14.5	0.9949	0.9963	0.9532	0.9960	0.9962	0.9940	0.1064	0.7296
14.6	0.9948	0.9965	0.9698	0.9962	0.9963	0.9947	0.1625	0.8089
14.7	0.9944	0.9969	0.9726	0.9960	0.9970	0.9918	0.3518	0.7553
14.8	0.9949	0.9979	0.9839	0.9957	0.9975	0.9913	0.3728	0.6862
14.9	0.9964	0.9977	0.9906	0.9971	0.9977	0.9933	0.3784	0.7239
15.0	0.9953	0.9943	0.9768	0.9958	0.9937	0.9837	0.3051	0.7046
15.1	0.9952	0.9920	0.9800	0.9951	0.9908	0.9844	0.3216	0.7323
15.2	0.9939	0.9913	0.9806	0.9944	0.9899	0.9868	0.2537	0.7508
15.3	0.9941	0.9915	0.9855	0.9950	0.9907	0.9880	0.4181	0.8182
15.4	0.9929	0.9903	0.9828	0.9942	0.9889	0.9898	0.3307	0.8039
15.5	0.9864	0.9781	0.9666	0.9880	0.9758	0.9801	0.1320	0.7902
15.6	0.9890	0.9805	0.9717	0.9915	0.9789	0.9852	0.0199	0.8320
15.7	0.9846	0.9575	0.9441	0.9855	0.9560	0.9736	0.1940	0.7848
15.8	0.9788	0.9403	0.9356	0.9834	0.9400	0.9655	0.4771	0.7268
15.9	0.9827	0.9522	0.9529	0.9869	0.9526	0.9752	0.6735	0.7533
16.0	0.9868	0.9646	0.9684	0.9908	0.9664	0.9858	0.8701	0.7998
16.1	0.9880	0.9800	0.9826	0.9894	0.9820	0.9915	0.8872	0.8653
16.2	0.9877	0.9883	0.9898	0.9862	0.9893	0.9916	0.9001	0.9056
16.3	0.9834	0.9866	0.9890	0.9818	0.9886	0.9903	0.8791	0.9202
16.4	0.9804	0.9908	0.9951	0.9775	0.9930	0.9844	0.9136	0.9276
16.5	0.9757	0.9929	0.9952	0.9724	0.9947	0.9800	0.9401	0.9415

16.6	0.9762	0.9913	0.9910	0.9747	0.9923	0.9762	0.9302	0.9365
16.7	0.9649	0.9876	0.9868	0.9639	0.9877	0.9679	0.9160	0.8896
16.8	0.9618	0.9798	0.9865	0.9615	0.9820	0.9670	0.9213	0.8548
16.9	0.9633	0.9783	0.9840	0.9638	0.9829	0.9651	0.9186	0.8129
17.0	0.9699	0.9867	0.9798	0.9685	0.9898	0.9724	0.8971	0.8730
17.1	0.9837	0.9877	0.9780	0.9818	0.9896	0.9791	0.8731	0.8857
17.2	0.9803	0.9773	0.9848	0.9780	0.9818	0.9767	0.8951	0.9115
17.3	0.9846	0.9754	0.9868	0.9798	0.9814	0.9822	0.9189	0.9316
17.4	0.9898	0.9818	0.9877	0.9856	0.9871	0.9863	0.9549	0.9476
17.5	0.9917	0.9864	0.9884	0.9913	0.9909	0.9911	0.9360	0.8969
17.6	0.9908	0.9861	0.9882	0.9912	0.9921	0.9880	0.9329	0.8658
17.7	0.9919	0.9866	0.9900	0.9938	0.9920	0.9852	0.9559	0.9477
17.8	0.9950	0.9922	0.9948	0.9963	0.9962	0.9927	0.9786	0.9761
17.9	0.9937	0.9932	0.9952	0.9950	0.9969	0.9925	0.9780	0.9759
18.0	0.9917	0.9926	0.9939	0.9941	0.9969	0.9925	0.9708	0.9700
18.1	0.9923	0.9935	0.9944	0.9946	0.9974	0.9941	0.9687	0.9730
18.2	0.9931	0.9961	0.9962	0.9951	0.9984	0.9948	0.9795	0.9716
18.3	0.9908	0.9940	0.9958	0.9930	0.9982	0.9942	0.9594	0.9708
18.4	0.9914	0.9912	0.9954	0.9940	0.9983	0.9935	0.9487	0.9701
18.5	0.9849	0.9929	0.9878	0.9897	0.9983	0.9694	0.9365	0.9536
18.6	0.9928	0.9956	0.9920	0.9958	0.9986	0.9702	0.9493	0.9711
18.7	0.9939	0.9925	0.9957	0.9969	0.9980	0.9840	0.9225	0.9665
18.8	0.9945	0.9959	0.9962	0.9965	0.9989	0.9954	0.9230	0.9665
18.9	0.9926	0.9908	0.9963	0.9953	0.9981	0.9956	0.9432	0.9464
19.0	0.9937	0.9908	0.9971	0.9966	0.9985	0.9961	0.9488	0.9552
19.1	0.9933	0.9875	0.9965	0.9967	0.9983	0.9959	0.9182	0.9349
19.2	0.9911	0.9848	0.9953	0.9949	0.9975	0.9963	0.8911	0.9270
19.3	0.9929	0.9860	0.9962	0.9960	0.9978	0.9975	0.9226	0.9596
19.4	0.9918	0.9851	0.9956	0.9959	0.9971	0.9974	0.9372	0.9576
19.5	0.9901	0.9797	0.9938	0.9946	0.9964	0.9970	0.9287	0.9515
19.6	0.9899	0.9767	0.9935	0.9941	0.9961	0.9970	0.9243	0.9583
19.7	0.9897	0.9718	0.9926	0.9932	0.9955	0.9971	0.9340	0.9536
19.8	0.9910	0.9749	0.9912	0.9941	0.9960	0.9973	0.9358	0.9510
19.9	0.9823	0.9615	0.9864	0.9896	0.9959	0.9954	0.9364	0.9419
20.0	0.9757	0.9487	0.9865	0.9885	0.9948	0.9950	0.9115	0.9296
20.1	0.9754	0.9523	0.9877	0.9854	0.9949	0.9950	0.9265	0.9391
20.2	0.9781	0.9676	0.9900	0.9893	0.9966	0.9952	0.9408	0.9475
20.3	0.9624	0.9643	0.9901	0.9860	0.9950	0.9948	0.9236	0.9377
20.4	0.9511	0.9578	0.9887	0.9823	0.9951	0.9938	0.9036	0.9391
20.5	0.9371	0.9637	0.9888	0.9801	0.9958	0.9943	0.8855	0.9572
20.6	0.9302	0.9686	0.9859	0.9750	0.9946	0.9925	0.8684	0.9585
20.7	0.9483	0.9636	0.9867	0.9807	0.9946	0.9898	0.8930	0.9627
20.8	0.9552	0.9794	0.9873	0.9809	0.9954	0.9906	0.8888	0.9742
20.9	0.9571	0.9645	0.9793	0.9714	0.9905	0.9857	0.7753	0.9623
21.0	0.9572	0.9705	0.9786	0.9622	0.9871	0.9840	0.7319	0.9585
21.1	0.9614	0.9756	0.9772	0.9468	0.9886	0.9794	0.7783	0.9646
21.2	0.9593	0.9722	0.9733	0.9326	0.9853	0.9737	0.6290	0.9667
21.3	0.9626	0.9768	0.9701	0.9305	0.9829	0.9746	0.7111	0.9703
21.4	0.9718	0.9815	0.9766	0.9194	0.9821	0.9774	0.7631	0.9674
21.5	0.9717	0.9818	0.9686	0.9012	0.9842	0.9775	0.6669	0.9661
21.6	0.9749	0.9853	0.9578	0.8905	0.9871	0.9771	0.6165	0.9573
21.7	0.9746	0.9865	0.9663	0.8805	0.9824	0.9822	0.5681	0.9492
21.8	0.9690	0.9869	0.9587	0.8975	0.9814	0.9807	0.5120	0.9481
21.9	0.9689	0.9836	0.9567	0.9106	0.9765	0.9757	0.4960	0.9382
22.0	0.9541	0.9886	0.9502	0.8744	0.9769	0.9755	0.3670	0.9409
22.1	0.9565	0.9870	0.9402	0.8817	0.9793	0.9738	0.3303	0.9381
22.2	0.9766	0.9853	0.9531	0.9393	0.9800	0.9778	0.3618	0.9444
22.3	0.9664	0.9836	0.9488	0.9350	0.9765	0.9799	0.3421	0.9224
22.4	0.9690	0.9830	0.9582	0.9378	0.9767	0.9774	0.3115	0.9362
22.5	0.9706	0.9853	0.9545	0.9364	0.9772	0.9704	0.0984	0.9396
22.6	0.9712	0.9824	0.9480	0.9417	0.9697	0.9788	0.2249	0.9371
22.7	0.9722	0.9836	0.9644	0.9413	0.9746	0.9819	0.2672	0.9352
22.8	0.9708	0.9782	0.9602	0.9406	0.9715	0.9833	0.3409	0.9398
22.9	0.9578	0.9717	0.9548	0.9419	0.9630	0.9762	0.2961	0.9488
23.0	0.9557	0.9695	0.9742	0.9414	0.9613	0.9795	0.2512	0.9411
23.1	0.9692	0.9464	0.9737	0.9438	0.9637	0.9802	0.2458	0.9380
23.2	0.9673	0.9225	0.9760	0.9387	0.9652	0.9823	0.3668	0.9483
23.3	0.9736	0.9301	0.9739	0.9354	0.9661	0.9783	0.3904	0.9468
23.4	0.9672	0.8966	0.9762	0.9211	0.9517	0.9739	0.3004	0.9394
23.5	0.9713	0.9026	0.9748	0.9309	0.9676	0.9808	0.3701	0.9474
23.6	0.9715	0.8665	0.9693	0.9280	0.9597	0.9697	0.3535	0.9073
23.7	0.9668	0.8517	0.9755	0.9186	0.9532	0.9631	0.5137	0.8672
23.8	0.9684	0.9247	0.9747	0.9306	0.9704	0.9620	0.5818	0.8800
23.9	0.9705	0.8978	0.9781	0.9451	0.9554	0.9660	0.6024	0.8629
24.0	0.9749	0.9162	0.9819	0.9516	0.9690	0.9652	0.5869	0.8663
24.1	0.9729	0.8977	0.9739	0.9544	0.9584	0.9576	0.5076	0.8632
24.2	0.9558	0.8269	0.9600	0.9266	0.9302	0.9425	0.4301	0.7964
24.3	0.9597	0.8563	0.9727	0.9081	0.9442	0.9385	0.3291	0.7274
24.4	0.9691	0.9125	0.9792	0.9397	0.9575	0.9516	0.3350	0.7552
24.5	0.9717	0.9072	0.9783	0.9480	0.9533	0.9497	0.3641	0.7587
24.6	0.9762	0.9082	0.9801	0.9545	0.9558	0.9459	0.3393	0.7419
24.7	0.9812	0.9167	0.9760	0.9600	0.9547	0.9538	0.3420	0.7097
24.8	0.9755	0.9482	0.9743	0.9548	0.9660	0.9546	0.3519	0.7635
24.9	0.9642	0.9332	0.9659	0.9437	0.9491	0.9274	0.2248	0.7506
25.0	0.9691	0.9167	0.9669	0.9470	0.9559	0.9453	0.2765	0.8025
25.1	0.9729	0.9220	0.9702	0.9530	0.9585	0.9357	0.3434	0.7442

25.2	0.9672	0.9326	0.9709	0.9544	0.9539	0.9231	0.1247	0.6588
25.3	0.9602	0.9229	0.9685	0.9476	0.9453	0.9317	0.0343	0.5876
25.4	0.9673	0.9091	0.9639	0.9533	0.9463	0.9492	0.0747	0.6507
25.5	0.9702	0.9310	0.9577	0.9564	0.9477	0.9459	0.0591	0.6988
25.6	0.9674	0.9533	0.9716	0.9534	0.9529	0.9530	0.0330	0.7194
25.7	0.9612	0.9406	0.9673	0.9412	0.9336	0.9499	0.0542	0.6536
25.8	0.9730	0.9542	0.9734	0.9471	0.9461	0.9666	0.0829	0.7202
25.9	0.9633	0.9667	0.9722	0.9496	0.9498	0.9708	0.0564	0.7436
26.0	0.9422	0.9727	0.9703	0.9330	0.9436	0.9618	0.0373	0.7309
26.1	0.9310	0.9713	0.9651	0.9220	0.9345	0.9730	0.0182	0.7118
26.2	0.9177	0.9748	0.9659	0.9168	0.9227	0.9678	0.0687	0.6178
26.3	0.9003	0.9771	0.9735	0.9253	0.9251	0.9636	0.0859	0.6566
26.4	0.8993	0.9796	0.9739	0.9303	0.9304	0.9753	0.0952	0.7143
26.5	0.8724	0.9774	0.9709	0.9341	0.9222	0.9741	0.1227	0.6878
26.6	0.8962	0.9749	0.9729	0.9456	0.9301	0.9799	0.1088	0.7024
26.7	0.8719	0.9740	0.9727	0.9413	0.9093	0.9793	0.0931	0.7392
26.8	0.8567	0.9749	0.9731	0.9205	0.9159	0.9771	0.1288	0.7514
26.9	0.8412	0.9712	0.9720	0.9093	0.9226	0.9779	0.0230	0.6866
27.0	0.8464	0.9737	0.9758	0.8895	0.9088	0.9792	0.0352	0.6504
27.1	0.8398	0.9589	0.9648	0.8519	0.8945	0.9765	0.0105	0.5125
27.2	0.8931	0.9678	0.9756	0.9022	0.9278	0.9793	0.0277	0.5367
27.3	0.8594	0.9611	0.9646	0.8270	0.8995	0.9722	0.0704	0.6339
27.4	0.8620	0.9581	0.9649	0.8032	0.9200	0.9668	0.0299	0.6305
27.5	0.8912	0.9505	0.9641	0.8082	0.9105	0.9721	0.0131	0.6307
27.6	0.9129	0.9539	0.9679	0.8236	0.9404	0.9797	0.0178	0.6196
27.7	0.8771	0.9441	0.9641	0.6923	0.9273	0.9682	0.0396	0.5550
27.8	0.8981	0.9472	0.9715	0.6633	0.9098	0.9667	0.0707	0.5210
27.9	0.8727	0.9427	0.9624	0.6748	0.9004	0.9645	0.0776	0.5065
28.0	0.8230	0.8855	0.9255	0.4487	0.8409	0.9358	0.0239	0.3163
28.1	0.8288	0.8879	0.9416	0.5788	0.8311	0.9376	0.0437	0.2949
28.2	0.8268	0.8779	0.9277	0.4972	0.7920	0.9285	0.0472	0.2296
28.3	0.8220	0.8427	0.9350	0.5610	0.7745	0.9424	0.0599	0.1481
28.4	0.7666	0.7978	0.9395	0.4897	0.7106	0.9334	0.0384	0.1448
28.5	0.8198	0.8151	0.9124	0.3979	0.5433	0.9078	0.0828	0.1427
28.6	0.8202	0.8127	0.8970	0.5151	0.4579	0.8599	0.1017	0.2372
28.7	0.7510	0.7826	0.8563	0.4793	0.3454	0.8522	0.0524	0.2384
28.8	0.7331	0.7548	0.7980	0.4329	0.2641	0.7734	0.0000	0.1253
28.9	0.7660	0.7223	0.7746	0.5475	0.3937	0.7575	0.0203	0.0877
29.0	0.7581	0.6616	0.6787	0.7124	0.3575	0.7166	0.0113	0.0916
29.1	0.8090	0.6751	0.6620	0.6673	0.4741	0.7603	0.0009	0.0408
29.2	0.8384	0.7445	0.6281	0.7333	0.4476	0.7743	0.0006	0.0570
29.3	0.8173	0.6542	0.3285	0.7043	0.2350	0.6454	0.0296	0.0712
29.4	0.8624	0.6657	0.1235	0.7319	0.2080	0.6145	0.0638	0.0985
29.5	0.8650	0.6863	0.1415	0.7585	0.1584	0.5632	0.0325	0.0841
29.6	0.8870	0.6445	0.1564	0.8430	0.2161	0.6233	0.0313	0.0796
29.7	0.8986	0.7250	0.3874	0.8314	0.1696	0.5648	0.0587	0.1237
29.8	0.9210	0.7964	0.4537	0.8204	0.1660	0.5624	0.0066	0.1307
29.9	0.9042	0.7565	0.2872	0.5765	0.1562	0.3516	0.0110	0.0826
30.0	0.8924	0.7330	0.3642	0.5504	0.1778	0.2376	0.0287	0.0419
30.1	0.8988	0.7282	0.3600	0.6748	0.0429	0.4330	0.0789	0.0424
30.2	0.8835	0.6981	0.4648	0.6441	0.0439	0.2981	0.1399	0.0719
30.3	0.8877	0.7022	0.6074	0.6137	0.0368	0.2006	0.1880	0.0892
30.4	0.9352	0.7764	0.6818	0.7151	0.0600	0.2558	0.0894	0.0921
30.5	0.9474	0.8276	0.6996	0.7536	0.0362	0.3124	0.0806	0.1474
30.6	0.9261	0.8020	0.6531	0.7369	0.0536	0.2852	0.0513	0.0903
30.7	0.9346	0.7980	0.6827	0.7344	0.1354	0.1559	0.1043	0.0207
30.8	0.9382	0.7954	0.7655	0.7226	0.1033	0.1256	0.1329	0.0643
30.9	0.9293	0.8014	0.7864	0.6937	0.0394	0.0373	0.0762	0.1243
31.0	0.9371	0.8466	0.8175	0.6273	0.0029	0.0385	0.0587	0.1512
31.1	0.9417	0.8846	0.8166	0.6715	0.0750	0.0053	0.1039	0.1441
31.2	0.9028	0.8157	0.7610	0.5257	0.0535	0.0008	0.0820	0.1200
31.3	0.8957	0.7771	0.7235	0.4272	0.0231	0.0208	0.1352	0.0349
31.4	0.9133	0.7920	0.7608	0.5165	0.1341	0.0612	0.1176	0.1244
31.5	0.9092	0.7688	0.8289	0.5351	0.0418	0.1713	0.0684	0.2200
31.6	0.9096	0.7540	0.8331	0.4840	0.0798	0.2556	0.0555	0.2731
31.7	0.8922	0.7380	0.8121	0.4125	0.1649	0.3335	0.0755	0.2466
31.8	0.9109	0.7525	0.8624	0.5140	0.1485	0.2732	0.0827	0.0981
31.9	0.8800	0.6683	0.7932	0.4439	0.0485	0.2939	0.0506	0.0881
32.0	0.8722	0.7151	0.8281	0.6044	0.1773	0.3513	0.0793	0.0882
32.1	0.8933	0.7473	0.8723	0.7179	0.4160	0.3269	0.0846	0.1543
32.2	0.8925	0.7499	0.8614	0.7348	0.4777	0.3620	0.0490	0.1942
32.3	0.8337	0.6581	0.7847	0.6961	0.4171	0.2070	0.0158	0.0703
32.4	0.8502	0.6957	0.8587	0.7910	0.5405	0.3579	0.0833	0.0462
32.5	0.8597	0.7055	0.8565	0.8297	0.5973	0.4056	0.0388	0.0945
32.6	0.8586	0.6674	0.8735	0.8025	0.5397	0.4386	0.0703	0.0674
32.7	0.8629	0.6245	0.9022	0.8327	0.5173	0.4287	0.0824	0.0356
32.8	0.8535	0.6325	0.8775	0.8211	0.4772	0.3965	0.0389	0.0931
32.9	0.8575	0.6720	0.8396	0.8333	0.5445	0.2557	0.0151	0.0551
33.0	0.8771	0.5950	0.8434	0.8328	0.4818	0.3583	0.0444	0.0520
33.1	0.8472	0.3338	0.8392	0.7869	0.2562	0.3807	0.0771	0.0658
33.2	0.8044	0.3747	0.7641	0.7997	0.2862	0.1584	0.0348	0.0376
33.3	0.8596	0.4187	0.7329	0.7863	0.3647	0.1451	0.0389	0.0165
33.4	0.8817	0.3412	0.7705	0.7617	0.3360	0.2097	0.0582	0.0251
33.5	0.8742	0.1177	0.7415	0.7470	0.2409	0.1900	0.1181	0.0347
33.6	0.8107	0.0692	0.5661	0.6205	0.1856	0.0354	0.0978	0.0005
33.7	0.8231	0.0378	0.6437	0.6667	0.2364	0.0590	0.1275	0.0091

33.8	0.8195	0.0388	0.6764	0.6520	0.2712	0.0475	0.0675	0.0265
33.9	0.8701	0.0028	0.6949	0.6004	0.2029	0.0805	0.0105	0.0419
34.0	0.8819	0.0053	0.6770	0.7018	0.3121	0.0255	0.0162	0.0146
34.1	0.8711	0.0486	0.5534	0.5765	0.1058	0.0595	0.0063	0.0813
34.2	0.8481	0.0764	0.4486	0.5840	0.1433	0.0571	0.0050	0.1262
34.3	0.8591	0.0202	0.4873	0.6043	0.1911	0.0326	0.0953	0.0679
34.4	0.8904	0.1286	0.5791	0.5125	0.0371	0.1511	0.1574	0.1694
34.5	0.8526	0.0665	0.4327	0.5176	0.0916	0.0676	0.0632	0.1139
34.6	0.8736	0.1522	0.4646	0.4906	0.1477	0.1411	0.0881	0.1834
34.7	0.8750	0.2173	0.4671	0.5498	0.1712	0.1970	0.0804	0.2454
34.8	0.8367	0.1830	0.3016	0.5725	0.1824	0.1730	0.0207	0.2781
34.9	0.8769	0.2012	0.3283	0.6800	0.3385	0.1965	0.0021	0.3410
35.0	0.8909	0.1889	0.3669	0.7190	0.2448	0.2052	0.0053	0.4234
35.1	0.9130	0.2536	0.3505	0.7006	0.2866	0.1845	0.0531	0.4310
35.2	0.8963	0.3017	0.3214	0.7718	0.3670	0.1757	0.0750	0.4858
35.3	0.8763	0.3069	0.3400	0.7984	0.2607	0.2597	0.0499	0.5604
35.4	0.8668	0.3133	0.3710	0.8097	0.1553	0.3407	0.0296	0.5167
35.5	0.8458	0.3875	0.3080	0.8500	0.2386	0.4176	0.0374	0.5839
35.6	0.8668	0.3844	0.4104	0.8653	0.2683	0.3597	0.0173	0.5915
35.7	0.8787	0.4476	0.5386	0.8684	0.0880	0.3882	0.0324	0.5756
35.8	0.8689	0.5386	0.5197	0.8560	0.0867	0.3525	0.1054	0.5255
35.9	0.8928	0.4409	0.7111	0.8958	0.1896	0.4604	0.0459	0.5618
36.0	0.9110	0.3657	0.7873	0.8927	0.0353	0.5965	0.0798	0.6618
36.1	0.9269	0.4150	0.8018	0.8899	0.1037	0.6631	0.0800	0.5781
36.2	0.9347	0.4553	0.8520	0.9010	0.0882	0.7008	0.1560	0.5520
36.3	0.9172	0.4109	0.8683	0.8997	0.1311	0.6720	0.1559	0.5909
36.4	0.9320	0.5601	0.8713	0.9078	0.2053	0.6910	0.1228	0.5343
36.5	0.9588	0.5921	0.9087	0.9340	0.3569	0.7605	0.2360	0.6018
36.6	0.9349	0.4801	0.8888	0.9100	0.3497	0.7099	0.2295	0.3636
36.7	0.9321	0.4396	0.9127	0.8957	0.3513	0.7640	0.2676	0.2467
36.8	0.9234	0.4010	0.9203	0.9017	0.3828	0.7514	0.2352	0.2296
36.9	0.9239	0.4546	0.9229	0.8879	0.3239	0.7417	0.1575	0.2074
37.0	0.9244	0.5021	0.9503	0.9220	0.4154	0.7255	0.1864	0.2097
37.1	0.9443	0.6184	0.9602	0.9422	0.5932	0.7605	0.2873	0.2763
37.2	0.9407	0.6025	0.9650	0.9427	0.5500	0.7518	0.2541	0.3970
37.3	0.9501	0.5522	0.9688	0.9514	0.5880	0.8014	0.3215	0.4104
37.4	0.9409	0.6288	0.9494	0.9336	0.6394	0.7222	0.3204	0.1836
37.5	0.9303	0.6265	0.9551	0.9341	0.6272	0.7061	0.3070	0.2911
37.6	0.9516	0.6700	0.9678	0.9517	0.7404	0.8345	0.3114	0.4492
37.7	0.9380	0.6478	0.9681	0.9351	0.7596	0.7745	0.2890	0.4849
37.8	0.9333	0.7706	0.9634	0.9239	0.7709	0.7699	0.4331	0.5188
37.9	0.9353	0.7834	0.9651	0.9270	0.7859	0.7950	0.4815	0.5046
38.0	0.9394	0.7880	0.9710	0.9322	0.8396	0.7488	0.4991	0.4864
38.1	0.9332	0.7325	0.9599	0.9217	0.8401	0.6603	0.3477	0.4444
38.2	0.9270	0.8508	0.9555	0.9285	0.8867	0.7032	0.4590	0.6120
38.3	0.9353	0.8382	0.9643	0.9354	0.8676	0.7515	0.4332	0.6238
38.4	0.9472	0.8341	0.9716	0.9426	0.9034	0.7524	0.4329	0.6264
38.5	0.9509	0.7967	0.9677	0.9432	0.9160	0.6495	0.4564	0.6210
38.6	0.9402	0.7695	0.9604	0.9255	0.8924	0.6107	0.4793	0.5614
38.7	0.9648	0.8224	0.9761	0.9554	0.9323	0.6734	0.6164	0.6990
38.8	0.9531	0.7100	0.9608	0.9487	0.9337	0.4133	0.5833	0.6765
38.9	0.9264	0.5741	0.9326	0.9289	0.9274	0.1768	0.5048	0.6591
39.0	0.9322	0.6165	0.9282	0.9376	0.9434	0.2029	0.4124	0.7112
39.1	0.9431	0.5160	0.9382	0.9465	0.9487	0.3031	0.4728	0.7454
39.2	0.9387	0.4713	0.9417	0.9401	0.9464	0.4897	0.4771	0.7701
39.3	0.9495	0.3158	0.9309	0.9508	0.9513	0.6305	0.3132	0.7702
39.4	0.9565	0.3587	0.9172	0.9599	0.9460	0.7568	0.3943	0.8068
39.5	0.9603	0.1761	0.9362	0.9580	0.9448	0.7903	0.4218	0.7943
39.6	0.9674	0.1613	0.9443	0.9661	0.9562	0.8817	0.4300	0.8395
39.7	0.9643	0.1294	0.9281	0.9665	0.9570	0.8664	0.4159	0.8236
39.8	0.9586	0.1760	0.9114	0.9630	0.9515	0.8258	0.2764	0.7999
39.9	0.9697	0.2904	0.9520	0.9671	0.9627	0.8583	0.3571	0.8248
40.0	0.9681	0.4637	0.9411	0.9664	0.9532	0.8571	0.3739	0.8266
40.1	0.9645	0.5662	0.9499	0.9645	0.9531	0.8959	0.2449	0.8372
40.2	0.9667	0.6757	0.9583	0.9654	0.9549	0.9123	0.3506	0.8616
40.3	0.9733	0.7618	0.9590	0.9721	0.9703	0.9218	0.3772	0.8706
40.4	0.9774	0.8255	0.9595	0.9757	0.9640	0.9268	0.2699	0.8807
40.5	0.9777	0.7915	0.9525	0.9767	0.9493	0.9135	0.2732	0.8355
40.6	0.9720	0.8081	0.9507	0.9703	0.9426	0.9077	0.3159	0.8131
40.7	0.9755	0.8124	0.9490	0.9722	0.9386	0.8957	0.3099	0.8121
40.8	0.9721	0.8101	0.9430	0.9740	0.9285	0.8766	0.2680	0.7638
40.9	0.9811	0.8581	0.9481	0.9809	0.9419	0.8885	0.3070	0.7927
41.0	0.9836	0.8830	0.9436	0.9833	0.9447	0.8892	0.2882	0.7778
41.1	0.9827	0.8505	0.9492	0.9790	0.9318	0.8958	0.1898	0.7115
41.2	0.9838	0.8681	0.9618	0.9837	0.9322	0.9115	0.1804	0.7460
41.3	0.9868	0.9060	0.9678	0.9879	0.9394	0.9337	0.3158	0.8026
41.4	0.9903	0.9310	0.9741	0.9898	0.9532	0.9403	0.3936	0.8548
41.5	0.9897	0.8972	0.9634	0.9871	0.9384	0.9183	0.3987	0.7642
41.6	0.9873	0.8721	0.9489	0.9845	0.9483	0.8586	0.3774	0.7053
41.7	0.9862	0.8828	0.9525	0.9844	0.9454	0.8785	0.2963	0.6289
41.8	0.9878	0.8979	0.9530	0.9834	0.9412	0.9116	0.1783	0.6187
41.9	0.9864	0.9056	0.9620	0.9858	0.9330	0.9052	0.1088	0.6850
42.0	0.9849	0.9060	0.9594	0.9868	0.9257	0.8875	0.1837	0.6586
42.1	0.9923	0.9238	0.9711	0.9915	0.9315	0.9250	0.2910	0.6579
42.2	0.9895	0.9396	0.9783	0.9883	0.9292	0.9428	0.2890	0.6914
42.3	0.9833	0.9381	0.9773	0.9813	0.9155	0.9420	0.2745	0.7045

42.4	0.9859	0.9205	0.9788	0.9834	0.9188	0.9538	0.4092	0.6339
42.5	0.9872	0.9450	0.9808	0.9857	0.9276	0.9462	0.5092	0.6544
42.6	0.9893	0.9341	0.9815	0.9850	0.9303	0.9475	0.5071	0.6452
42.7	0.9911	0.9302	0.9809	0.9868	0.9446	0.9566	0.4206	0.6051
42.8	0.9884	0.8510	0.9734	0.9854	0.9491	0.9632	0.3478	0.5195
42.9	0.9882	0.8365	0.9795	0.9876	0.9291	0.9714	0.3526	0.3660
43.0	0.9900	0.9078	0.9824	0.9889	0.9255	0.9672	0.4086	0.4310
43.1	0.9867	0.8613	0.9844	0.9828	0.9143	0.9607	0.5566	0.4007
43.2	0.9890	0.6825	0.9867	0.9851	0.9010	0.9607	0.6227	0.3099
43.3	0.9884	0.5461	0.9788	0.9890	0.9035	0.9566	0.5750	0.2861
43.4	0.9913	0.8716	0.9895	0.9916	0.8763	0.9474	0.4974	0.3793
43.5	0.9926	0.8605	0.9856	0.9927	0.7844	0.9057	0.5447	0.3860
43.6	0.9921	0.8912	0.9812	0.9905	0.8262	0.9126	0.6301	0.2914
43.7	0.9896	0.9046	0.9824	0.9880	0.9221	0.9407	0.6187	0.5113
43.8	0.9874	0.9232	0.9793	0.9866	0.8720	0.9562	0.6403	0.5956
43.9	0.9928	0.9236	0.9910	0.9931	0.8586	0.9838	0.6840	0.4549
44.0	0.9939	0.9336	0.9918	0.9923	0.8675	0.9759	0.7211	0.2970
44.1	0.9914	0.9038	0.9877	0.9896	0.7875	0.9729	0.7018	0.4241
44.2	0.9909	0.8407	0.9911	0.9883	0.8274	0.9661	0.7145	0.4214
44.3	0.9927	0.8457	0.9941	0.9909	0.8468	0.9641	0.7312	0.4536
44.4	0.9927	0.8326	0.9820	0.9921	0.8038	0.9580	0.7147	0.5492
44.5	0.9941	0.8339	0.9846	0.9925	0.9058	0.9540	0.6915	0.6233
44.6	0.9907	0.5820	0.9833	0.9898	0.8883	0.9111	0.6898	0.5532
44.7	0.9897	0.7748	0.9753	0.9893	0.8483	0.8844	0.6265	0.4494
44.8	0.9917	0.8137	0.9748	0.9886	0.8033	0.9078	0.4043	0.3789
44.9	0.9924	0.7497	0.9707	0.9896	0.8830	0.8815	0.4208	0.2712
45.0	0.9928	0.8240	0.9735	0.9906	0.9349	0.9390	0.5012	0.1642
45.1	0.9947	0.8553	0.9877	0.9931	0.9220	0.9540	0.5929	0.4910
45.2	0.9957	0.8118	0.9905	0.9951	0.9284	0.9303	0.5985	0.5155
45.3	0.9942	0.6829	0.9862	0.9944	0.9191	0.9421	0.5223	0.4411
45.4	0.9945	0.7634	0.9748	0.9941	0.8927	0.9383	0.4708	0.3502
45.5	0.9943	0.7565	0.9717	0.9936	0.8392	0.9407	0.4750	0.2245
45.6	0.9927	0.7381	0.9836	0.9912	0.8826	0.9659	0.4655	0.2579
45.7	0.9916	0.7445	0.9840	0.9901	0.9519	0.9668	0.4870	0.2805
45.8	0.9889	0.4595	0.9782	0.9892	0.9381	0.9684	0.4441	0.3206
45.9	0.9924	0.6298	0.9840	0.9919	0.9443	0.9599	0.4730	0.4060
46.0	0.9911	0.6030	0.9785	0.9901	0.9300	0.9184	0.3894	0.3738
46.1	0.9888	0.5505	0.9744	0.9865	0.9280	0.8647	0.3338	0.4114
46.2	0.9917	0.7461	0.9794	0.9878	0.9513	0.9248	0.5093	0.5182
46.3	0.9909	0.7359	0.9721	0.9892	0.9427	0.8735	0.4439	0.3477
46.4	0.9911	0.7183	0.9844	0.9934	0.9252	0.9317	0.4760	0.2270
46.5	0.9902	0.7856	0.9917	0.9934	0.9038	0.9526	0.4439	0.2034
46.6	0.9938	0.8352	0.9905	0.9930	0.9047	0.9323	0.3799	0.1975
46.7	0.9941	0.8707	0.9812	0.9899	0.9415	0.9043	0.2781	0.1724
46.8	0.9931	0.8374	0.9771	0.9877	0.9143	0.7309	0.1691	0.1418
46.9	0.9902	0.8344	0.9794	0.9863	0.8829	0.6775	0.1979	0.1299
47.0	0.9923	0.7866	0.9812	0.9900	0.8975	0.8540	0.4239	0.2987
47.1	0.9911	0.3130	0.9808	0.9870	0.9099	0.7819	0.3000	0.1081
47.2	0.9923	0.6304	0.9851	0.9889	0.9426	0.4627	0.2444	0.1558
47.3	0.9927	0.8153	0.9799	0.9887	0.9150	0.8036	0.3372	0.0336
47.4	0.9912	0.8001	0.9738	0.9882	0.9046	0.8920	0.3437	0.1507
47.5	0.9940	0.8136	0.9801	0.9927	0.9150	0.9383	0.3400	0.2218
47.6	0.9928	0.4557	0.9685	0.9941	0.8400	0.9387	0.4104	0.2339
47.7	0.9909	0.1450	0.9846	0.9925	0.8905	0.9180	0.2594	0.3459
47.8	0.9926	0.1338	0.9683	0.9917	0.9247	0.9001	0.2703	0.3278
47.9	0.9922	0.2603	0.9647	0.9925	0.9500	0.8849	0.2250	0.3989
48.0	0.9915	0.2289	0.9672	0.9906	0.9532	0.8773	0.2827	0.5244
48.1	0.9913	0.0589	0.9662	0.9904	0.9495	0.8701	0.3483	0.6697
48.2	0.9904	0.1549	0.9701	0.9912	0.9375	0.8505	0.1205	0.5916
48.3	0.9922	0.2363	0.9699	0.9922	0.9441	0.9377	0.0766	0.5203
48.4	0.9937	0.2049	0.9548	0.9928	0.9299	0.8876	0.1043	0.4421
48.5	0.9936	0.4066	0.9777	0.9915	0.9389	0.9373	0.1462	0.4325
48.6	0.9940	0.3606	0.9862	0.9918	0.9473	0.9449	0.0658	0.5687
48.7	0.9952	0.1453	0.9823	0.9923	0.9470	0.9371	0.1138	0.6235
48.8	0.9933	0.3152	0.9801	0.9900	0.9483	0.9399	0.1693	0.5884
48.9	0.9927	0.3252	0.9581	0.9904	0.8309	0.8395	0.1031	0.5366
49.0	0.9921	0.3922	0.9646	0.9904	0.8083	0.7672	0.1254	0.5725
49.1	0.9901	0.3197	0.9754	0.9867	0.8978	0.8308	0.0998	0.5403
49.2	0.9855	0.0765	0.9660	0.9806	0.8997	0.6855	0.0268	0.4044
49.3	0.9900	0.0038	0.9811	0.9870	0.9308	0.8168	0.0859	0.4760
49.4	0.9904	0.1561	0.9781	0.9856	0.9241	0.8953	0.1374	0.5765
49.5	0.9890	0.3805	0.9662	0.9848	0.8945	0.8611	0.0904	0.6281
49.6	0.9886	0.3579	0.9672	0.9853	0.9180	0.8451	0.1411	0.7069
49.7	0.9905	0.3653	0.9743	0.9858	0.9318	0.8456	0.1212	0.7245
49.8	0.9907	0.6176	0.9749	0.9869	0.9551	0.8899	0.1894	0.7442
49.9	0.9877	0.5804	0.9489	0.9845	0.9313	0.8231	0.2766	0.7918
50.0	0.9896	0.5835	0.9620	0.9869	0.9059	0.8376	0.1207	0.7356
50.1	0.9893	0.5931	0.9742	0.9838	0.8787	0.8479	0.1375	0.6260
50.2	0.9896	0.5527	0.9658	0.9854	0.8721	0.8284	0.2352	0.7205
50.3	0.9915	0.7186	0.9787	0.9878	0.8816	0.8405	0.2600	0.7049
50.4	0.9915	0.7453	0.9620	0.9860	0.9081	0.7685	0.2547	0.6921
50.5	0.9904	0.4083	0.9396	0.9879	0.8894	0.4277	0.1749	0.6159
50.6	0.9912	0.4170	0.9437	0.9884	0.8798	0.0386	0.2482	0.5392
50.7	0.9904	0.6413	0.9631	0.9876	0.8964	0.3405	0.3998	0.5895
50.8	0.9889	0.6069	0.9508	0.9844	0.8624	0.2099	0.3706	0.5637
50.9	0.9888	0.3138	0.9506	0.9843	0.8662	0.3105	0.4052	0.6119

51.0	0.9894	0.1201	0.9356	0.9868	0.8898	0.4162	0.5294	0.6185
51.1	0.9899	0.2367	0.9313	0.9851	0.8584	0.7184	0.4364	0.4569
51.2	0.9928	0.4593	0.9570	0.9892	0.8613	0.7141	0.3424	0.4691
51.3	0.9940	0.5892	0.9600	0.9918	0.8830	0.6314	0.4911	0.5011
51.4	0.9908	0.4566	0.9617	0.9881	0.8732	0.7832	0.5422	0.4909
51.5	0.9926	0.2656	0.9373	0.9900	0.8793	0.8285	0.5215	0.3860
51.6	0.9937	0.4672	0.9514	0.9916	0.8782	0.8990	0.5875	0.1658
51.7	0.9940	0.5898	0.9601	0.9896	0.8648	0.8971	0.5113	0.3283
51.8	0.9931	0.7049	0.9684	0.9896	0.8964	0.8966	0.6205	0.3326
51.9	0.9925	0.6388	0.9713	0.9899	0.8668	0.9119	0.5840	0.2994
52.0	0.9922	0.6180	0.9841	0.9881	0.8579	0.9301	0.5600	0.2034
52.1	0.9935	0.5709	0.9877	0.9913	0.8440	0.9582	0.6646	0.0264
52.2	0.9935	0.6968	0.9801	0.9912	0.8705	0.9611	0.6953	0.0812
52.3	0.9938	0.7558	0.9809	0.9923	0.8717	0.9528	0.6662	0.2296
52.4	0.9928	0.6902	0.9864	0.9916	0.7716	0.9447	0.6447	0.2151
52.5	0.9920	0.6937	0.9857	0.9894	0.6581	0.9446	0.6087	0.0614
52.6	0.9947	0.7690	0.9856	0.9922	0.7029	0.9620	0.6388	0.0293
52.7	0.9935	0.4173	0.9876	0.9897	0.6690	0.9598	0.6483	0.1573
52.8	0.9936	0.2293	0.9883	0.9917	0.7278	0.9632	0.7729	0.3660
52.9	0.9931	0.1416	0.9863	0.9900	0.6557	0.9647	0.6582	0.2973
53.0	0.9936	0.2742	0.9890	0.9889	0.6068	0.9657	0.6483	0.3983
53.1	0.9923	0.5971	0.9843	0.9890	0.5462	0.9611	0.7309	0.5523
53.2	0.9930	0.6710	0.9842	0.9914	0.4113	0.9583	0.7687	0.5294
53.3	0.9937	0.7315	0.9881	0.9923	0.5314	0.9624	0.7192	0.6804
53.4	0.9926	0.6849	0.9876	0.9904	0.3596	0.9642	0.5842	0.5972
53.5	0.9938	0.8071	0.9844	0.9904	0.5313	0.9552	0.6616	0.4497
53.6	0.9943	0.8825	0.9836	0.9915	0.5792	0.9697	0.6881	0.5325
53.7	0.9961	0.9324	0.9873	0.9933	0.4668	0.9753	0.5796	0.7169
53.8	0.9963	0.9094	0.9779	0.9925	0.4203	0.9540	0.4975	0.7349
53.9	0.9947	0.9194	0.9784	0.9894	0.6190	0.9500	0.3609	0.7659
54.0	0.9947	0.9536	0.9881	0.9927	0.7383	0.9801	0.3484	0.8573
54.1	0.9947	0.8904	0.9806	0.9911	0.6657	0.9807	0.2468	0.7887
54.2	0.9908	0.6388	0.9547	0.9827	0.6277	0.9621	0.0886	0.7783
54.3	0.9936	0.7691	0.9801	0.9907	0.6821	0.9690	0.1706	0.9025
54.4	0.9939	0.9176	0.9886	0.9893	0.6758	0.9766	0.1578	0.9139
54.5	0.9939	0.9512	0.9929	0.9901	0.6526	0.9856	0.0865	0.9365
54.6	0.9932	0.9388	0.9874	0.9900	0.5488	0.9699	0.1801	0.9137
54.7	0.9933	0.9302	0.9792	0.9894	0.5007	0.9457	0.1919	0.8775
54.8	0.9936	0.9204	0.9789	0.9883	0.5064	0.9270	0.0866	0.8760
54.9	0.9952	0.9149	0.9863	0.9870	0.4201	0.9603	0.2017	0.9034
55.0	0.9933	0.9420	0.9880	0.9833	0.4224	0.9721	0.4065	0.9198
55.1	0.9928	0.9628	0.9902	0.9877	0.6017	0.9769	0.3742	0.9256
55.2	0.9939	0.9606	0.9898	0.9866	0.5596	0.9765	0.2978	0.9344
55.3	0.9914	0.9447	0.9885	0.9828	0.5640	0.9712	0.2571	0.9333
55.4	0.9934	0.9529	0.9873	0.9820	0.6679	0.9699	0.4768	0.9400
55.5	0.9948	0.9447	0.9681	0.9823	0.6476	0.9153	0.4399	0.8988
55.6	0.9945	0.9486	0.9832	0.9870	0.7172	0.9630	0.4630	0.9161
55.7	0.9954	0.9587	0.9906	0.9859	0.7836	0.9821	0.5498	0.9515
55.8	0.9963	0.9742	0.9930	0.9841	0.7589	0.9879	0.5942	0.9453
55.9	0.9948	0.9716	0.9905	0.9834	0.7840	0.9876	0.5984	0.9382
56.0	0.9934	0.9513	0.9840	0.9834	0.7676	0.9716	0.5378	0.9273
56.1	0.9939	0.9494	0.9863	0.9796	0.7607	0.9702	0.4587	0.9235
56.2	0.9946	0.9645	0.9904	0.9805	0.8085	0.9806	0.5974	0.9355
56.3	0.9956	0.9731	0.9911	0.9805	0.8438	0.9895	0.6409	0.9277
56.4	0.9962	0.9732	0.9924	0.9768	0.8199	0.9903	0.6835	0.9465
56.5	0.9967	0.9794	0.9919	0.9796	0.8244	0.9887	0.6635	0.9407
56.6	0.9956	0.9710	0.9910	0.9745	0.7924	0.9865	0.6472	0.9244
56.7	0.9952	0.9722	0.9909	0.9688	0.7959	0.9900	0.6921	0.9480
56.8	0.9945	0.9614	0.9883	0.9577	0.7303	0.9855	0.6963	0.9444
56.9	0.9938	0.9666	0.9870	0.9516	0.7495	0.9814	0.7125	0.9253
57.0	0.9927	0.9602	0.9847	0.9417	0.7765	0.9778	0.7606	0.9221
57.1	0.9910	0.9341	0.9821	0.9201	0.7526	0.9659	0.7524	0.9282
57.2	0.9869	0.9003	0.9690	0.9332	0.7383	0.9371	0.6351	0.8694
57.3	0.9936	0.9457	0.9859	0.9540	0.7845	0.9806	0.6205	0.8889
57.4	0.9934	0.9546	0.9854	0.9386	0.7311	0.9781	0.6102	0.8753
57.5	0.9961	0.9784	0.9926	0.9593	0.7890	0.9876	0.7757	0.9442
57.6	0.9965	0.9763	0.9912	0.9559	0.7552	0.9878	0.7582	0.9359
57.7	0.9963	0.9708	0.9914	0.9605	0.7322	0.9893	0.7566	0.9155
57.8	0.9957	0.9646	0.9893	0.9600	0.6541	0.9885	0.7514	0.8988
57.9	0.9955	0.9597	0.9814	0.9462	0.4903	0.9861	0.7457	0.9226
58.0	0.9945	0.9631	0.9808	0.9578	0.4624	0.9810	0.8150	0.9314
58.1	0.9959	0.9659	0.9858	0.9630	0.3889	0.9863	0.7786	0.9105
58.2	0.9950	0.9610	0.9863	0.9510	0.4993	0.9835	0.8030	0.9111
58.3	0.9942	0.9369	0.9809	0.9422	0.4896	0.9766	0.8053	0.9116
58.4	0.9958	0.9754	0.9894	0.9445	0.6321	0.9876	0.8375	0.9432
58.5	0.9970	0.9806	0.9913	0.9588	0.7644	0.9881	0.8538	0.9206
58.6	0.9962	0.9771	0.9877	0.9563	0.7807	0.9866	0.8400	0.8934
58.7	0.9948	0.9779	0.9837	0.9556	0.6944	0.9842	0.8245	0.8895
58.8	0.9943	0.9756	0.9813	0.9373	0.7148	0.9752	0.8336	0.8643
58.9	0.9957	0.9731	0.9812	0.9402	0.7610	0.9778	0.8251	0.8431
59.0	0.9937	0.9671	0.9760	0.9336	0.6772	0.9635	0.7796	0.8374
59.1	0.9948	0.9758	0.9834	0.9468	0.7463	0.9731	0.7972	0.8500
59.2	0.9961	0.9818	0.9870	0.9545	0.8238	0.9825	0.8580	0.8836
59.3	0.9948	0.9792	0.9871	0.9507	0.8021	0.9853	0.8659	0.8927
59.4	0.9965	0.9787	0.9913	0.9642	0.8115	0.9877	0.8866	0.9006
59.5	0.9954	0.9763	0.9907	0.9634	0.8200	0.9865	0.9058	0.8997

59.6	0.9954	0.9741	0.9911	0.9538	0.8396	0.9825	0.8743	0.8649
59.7	0.9966	0.9796	0.9923	0.9658	0.8735	0.9879	0.8979	0.8859
59.8	0.9962	0.9807	0.9938	0.9603	0.8521	0.9848	0.9127	0.8967
59.9	0.9963	0.9811	0.9843	0.9254	0.8220	0.9835	0.8804	0.8692
60.0	0.9967	0.9828	0.9656	0.8834	0.7936	0.9852	0.8290	0.8622
60.1	0.9961	0.9825	0.9788	0.9243	0.8393	0.9840	0.8678	0.8314
60.2	0.9948	0.9791	0.9872	0.9408	0.8347	0.9835	0.9044	0.8421
60.3	0.9961	0.9738	0.9900	0.9485	0.8363	0.9843	0.9092	0.8535
60.4	0.9959	0.9782	0.9923	0.9686	0.8265	0.9862	0.9200	0.8557
60.5	0.9952	0.9806	0.9917	0.9724	0.8544	0.9837	0.9188	0.8556
60.6	0.9953	0.9790	0.9919	0.9712	0.8760	0.9835	0.9323	0.8756
60.7	0.9969	0.9761	0.9922	0.9706	0.8620	0.9869	0.9169	0.8519
60.8	0.9969	0.9744	0.9915	0.9670	0.8374	0.9854	0.9207	0.8498
60.9	0.9956	0.9786	0.9929	0.9534	0.8280	0.9857	0.9324	0.8472
61.0	0.9952	0.9783	0.9933	0.9526	0.8421	0.9865	0.9270	0.8347
61.1	0.9956	0.9826	0.9932	0.9651	0.8374	0.9874	0.9375	0.8325
61.2	0.9944	0.9699	0.9916	0.9576	0.8278	0.9835	0.9383	0.8176
61.3	0.9956	0.9659	0.9910	0.9501	0.8533	0.9822	0.9353	0.8175
61.4	0.9949	0.9617	0.9910	0.9500	0.8220	0.9805	0.9136	0.7272
61.5	0.9953	0.9646	0.9911	0.9523	0.8448	0.9804	0.9151	0.7212
61.6	0.9954	0.9684	0.9922	0.9705	0.8417	0.9820	0.9400	0.7704
61.7	0.9935	0.9471	0.9924	0.9559	0.7928	0.9844	0.9464	0.8006
61.8	0.9954	0.9569	0.9949	0.9697	0.8443	0.9910	0.9650	0.8403
61.9	0.9953	0.9622	0.9947	0.9700	0.8827	0.9877	0.9674	0.8492
62.0	0.9949	0.9513	0.9934	0.9587	0.8564	0.9763	0.9545	0.7764
62.1	0.9932	0.9265	0.9923	0.9618	0.8715	0.9729	0.9486	0.7940
62.2	0.9955	0.9313	0.9934	0.9660	0.8961	0.9833	0.9552	0.8161
62.3	0.9947	0.9290	0.9929	0.9711	0.9019	0.9825	0.9564	0.7971
62.4	0.9946	0.9209	0.9947	0.9675	0.8812	0.9866	0.9608	0.8065
62.5	0.9961	0.9319	0.9951	0.9682	0.9042	0.9876	0.9582	0.8041
62.6	0.9948	0.9172	0.9936	0.9725	0.8930	0.9816	0.9573	0.7955
62.7	0.9934	0.8729	0.9918	0.9705	0.8852	0.9772	0.9452	0.7510
62.8	0.9949	0.8834	0.9933	0.9732	0.9165	0.9821	0.9670	0.8042
62.9	0.9915	0.8478	0.9930	0.9693	0.9040	0.9803	0.9501	0.7691
63.0	0.9912	0.7346	0.9922	0.9724	0.8739	0.9754	0.9526	0.7121
63.1	0.9930	0.6996	0.9915	0.9720	0.8753	0.9773	0.9584	0.7179
63.2	0.9917	0.6953	0.9901	0.9684	0.8549	0.9771	0.9582	0.6759
63.3	0.9909	0.7001	0.9912	0.9716	0.8904	0.9778	0.9635	0.7212
63.4	0.9916	0.7358	0.9942	0.9788	0.9120	0.9822	0.9736	0.7732
63.5	0.9921	0.7119	0.9940	0.9736	0.9006	0.9804	0.9642	0.7308
63.6	0.9889	0.6578	0.9910	0.9684	0.8862	0.9738	0.9552	0.7032
63.7	0.9909	0.6839	0.9929	0.9735	0.8886	0.9706	0.9533	0.6070
63.8	0.9896	0.7172	0.9937	0.9738	0.8910	0.9760	0.9592	0.5375
63.9	0.9891	0.6063	0.9939	0.9706	0.8935	0.9793	0.9543	0.6209
64.0	0.9874	0.6399	0.9923	0.9703	0.9001	0.9724	0.9429	0.6466
64.1	0.9815	0.6463	0.9917	0.9716	0.8942	0.9721	0.9468	0.6283
64.2	0.9806	0.5939	0.9923	0.9702	0.9138	0.9672	0.9591	0.6584
64.3	0.9844	0.5894	0.9937	0.9676	0.9287	0.9755	0.9681	0.6192
64.4	0.9843	0.4764	0.9928	0.9682	0.9155	0.9694	0.9578	0.5049
64.5	0.9791	0.4211	0.9890	0.9734	0.9274	0.9665	0.9385	0.5926
64.6	0.9830	0.4940	0.9912	0.9721	0.9167	0.9671	0.9470	0.4127
64.7	0.9874	0.4729	0.9928	0.9736	0.9314	0.9667	0.9515	0.3817
64.8	0.9861	0.3705	0.9922	0.9710	0.9293	0.9632	0.9448	0.5280
64.9	0.9848	0.4004	0.9939	0.9736	0.9365	0.9712	0.9518	0.4921
65.0	0.9858	0.3078	0.9944	0.9801	0.9278	0.9754	0.9402	0.4041
65.1	0.9887	0.3929	0.9942	0.9855	0.9401	0.9728	0.9236	0.4588
65.2	0.9819	0.2721	0.9904	0.9718	0.9175	0.9668	0.8906	0.3506
65.3	0.9831	0.2121	0.9903	0.9630	0.9047	0.9633	0.8507	0.2708
65.4	0.9792	0.1970	0.9886	0.9634	0.9002	0.9443	0.8178	0.2921
65.5	0.9843	0.1961	0.9915	0.9806	0.9221	0.9573	0.8847	0.3216
65.6	0.9888	0.1875	0.9928	0.9858	0.9420	0.9713	0.8913	0.3242
65.7	0.9848	0.1818	0.9896	0.9809	0.9294	0.9615	0.8480	0.3384
65.8	0.9845	0.2382	0.9883	0.9773	0.9203	0.9631	0.8413	0.2588
65.9	0.9830	0.2473	0.9902	0.9829	0.9333	0.9634	0.8287	0.2903
66.0	0.9831	0.2729	0.9889	0.9861	0.9359	0.9589	0.8339	0.2569
66.1	0.9856	0.2598	0.9895	0.9857	0.9213	0.9644	0.8590	0.3334
66.2	0.9803	0.2916	0.9890	0.9781	0.9162	0.9627	0.8218	0.3534
66.3	0.9855	0.2150	0.9904	0.9872	0.9289	0.9662	0.8424	0.3368
66.4	0.9851	0.1369	0.9888	0.9832	0.9043	0.9650	0.8113	0.3179
66.5	0.9825	0.1878	0.9869	0.9725	0.8713	0.9600	0.7862	0.1293
66.6	0.9836	0.3234	0.9871	0.9839	0.9291	0.9713	0.8008	0.2272
66.7	0.9825	0.4679	0.9887	0.9898	0.9473	0.9688	0.8181	0.3636
66.8	0.9862	0.6065	0.9897	0.9875	0.9498	0.9724	0.8313	0.3871
66.9	0.9877	0.7330	0.9906	0.9883	0.9616	0.9725	0.8336	0.2824
67.0	0.9844	0.7007	0.9906	0.9863	0.9518	0.9706	0.7686	0.3097
67.1	0.9835	0.7958	0.9896	0.9853	0.9542	0.9755	0.7764	0.4149
67.2	0.9866	0.8484	0.9925	0.9869	0.9657	0.9752	0.8156	0.3686
67.3	0.9831	0.8507	0.9918	0.9848	0.9553	0.9781	0.8298	0.3422
67.4	0.9795	0.8633	0.9897	0.9819	0.9548	0.9685	0.8087	0.3039
67.5	0.9831	0.8892	0.9911	0.9864	0.9571	0.9754	0.8335	0.2816
67.6	0.9788	0.9065	0.9905	0.9815	0.9470	0.9792	0.8414	0.1625
67.7	0.9846	0.9058	0.9909	0.9833	0.9596	0.9798	0.8646	0.2150
67.8	0.9888	0.9305	0.9923	0.9898	0.9670	0.9836	0.8601	0.3411
67.9	0.9849	0.9178	0.9926	0.9869	0.9664	0.9831	0.8274	0.2963
68.0	0.9798	0.8991	0.9893	0.9794	0.9497	0.9763	0.7555	0.2729
68.1	0.9828	0.9178	0.9904	0.9855	0.9555	0.9832	0.7849	0.3823

68.2	0.9860	0.9400	0.9938	0.9856	0.9618	0.9854	0.7978	0.3517
68.3	0.9834	0.9222	0.9915	0.9868	0.9534	0.9805	0.7465	0.2343
68.4	0.9846	0.9242	0.9923	0.9868	0.9492	0.9823	0.7081	0.2962
68.5	0.9820	0.9243	0.9925	0.9899	0.9666	0.9785	0.6878	0.4039
68.6	0.9780	0.9156	0.9892	0.9830	0.9331	0.9764	0.6950	0.4513
68.7	0.9800	0.9255	0.9905	0.9846	0.9427	0.9783	0.6866	0.4269
68.8	0.9782	0.9073	0.9898	0.9839	0.9497	0.9770	0.6843	0.3440
68.9	0.9754	0.9164	0.9906	0.9870	0.9448	0.9777	0.7116	0.3895
69.0	0.9820	0.9435	0.9926	0.9912	0.9503	0.9840	0.7765	0.4472
69.1	0.9794	0.9160	0.9906	0.9859	0.9430	0.9743	0.6897	0.2647
69.2	0.9798	0.8962	0.9900	0.9830	0.9352	0.9698	0.6523	0.3686
69.3	0.9800	0.9054	0.9931	0.9831	0.9418	0.9815	0.6874	0.6385
69.4	0.9800	0.9063	0.9940	0.9820	0.9548	0.9835	0.7923	0.5538
69.5	0.9800	0.9088	0.9926	0.9758	0.9570	0.9802	0.7471	0.4823
69.6	0.9843	0.9201	0.9930	0.9803	0.9567	0.9835	0.7694	0.4564
69.7	0.9830	0.9381	0.9940	0.9808	0.9539	0.9840	0.7575	0.5634
69.8	0.9810	0.9219	0.9923	0.9679	0.9564	0.9757	0.5847	0.5663
69.9	0.9838	0.9111	0.9916	0.9718	0.9674	0.9782	0.5341	0.5625
70.0	0.9823	0.9262	0.9906	0.9753	0.9725	0.9765	0.6327	0.5989
70.1	0.9882	0.9500	0.9932	0.9787	0.9728	0.9821	0.7615	0.5634
70.2	0.9886	0.9558	0.9924	0.9803	0.9758	0.9831	0.7539	0.6123
70.3	0.9851	0.9515	0.9918	0.9725	0.9680	0.9793	0.6626	0.4517
70.4	0.9856	0.9380	0.9902	0.9701	0.9690	0.9768	0.5808	0.4788
70.5	0.9821	0.9362	0.9907	0.9611	0.9664	0.9697	0.5675	0.4823
70.6	0.9797	0.9451	0.9914	0.9476	0.9617	0.9644	0.6015	0.4814
70.7	0.9775	0.9512	0.9868	0.9496	0.9639	0.9637	0.6237	0.5523
70.8	0.9829	0.9523	0.9899	0.9314	0.9609	0.9675	0.6597	0.5687
70.9	0.9791	0.9425	0.9900	0.9314	0.9662	0.9686	0.5746	0.6002
71.0	0.9766	0.9422	0.9915	0.9436	0.9670	0.9685	0.3929	0.6681
71.1	0.9861	0.9704	0.9948	0.9518	0.9780	0.9708	0.5430	0.7006
71.2	0.9822	0.9728	0.9925	0.9433	0.9772	0.9675	0.6386	0.6588
71.3	0.9827	0.9634	0.9901	0.9337	0.9712	0.9589	0.6043	0.6341
71.4	0.9849	0.9521	0.9905	0.9074	0.9714	0.9527	0.4468	0.6322
71.5	0.9860	0.9615	0.9917	0.8933	0.9741	0.9663	0.4518	0.5781
71.6	0.9856	0.9652	0.9918	0.9059	0.9709	0.9551	0.4635	0.6702
71.7	0.9834	0.9562	0.9902	0.8736	0.9707	0.9485	0.3945	0.6698
71.8	0.9828	0.9422	0.9888	0.7791	0.9595	0.9261	0.3659	0.5026
71.9	0.9848	0.9489	0.9890	0.8195	0.9758	0.9318	0.5577	0.5389
72.0	0.9822	0.9590	0.9871	0.8478	0.9654	0.9480	0.5617	0.6314
72.1	0.9843	0.9690	0.9889	0.8317	0.9801	0.9630	0.6695	0.7704
72.2	0.9862	0.9759	0.9912	0.7908	0.9814	0.9690	0.6800	0.8247
72.3	0.9833	0.9676	0.9903	0.7989	0.9755	0.9694	0.6777	0.8397
72.4	0.9838	0.9710	0.9908	0.7591	0.9750	0.9688	0.6613	0.7737
72.5	0.9868	0.9706	0.9919	0.8258	0.9743	0.9686	0.6410	0.8112
72.6	0.9846	0.9655	0.9898	0.7851	0.9689	0.9508	0.6044	0.8073
72.7	0.9771	0.9604	0.9850	0.6738	0.9601	0.9297	0.5201	0.7574
72.8	0.9798	0.9622	0.9894	0.7146	0.9600	0.9479	0.5627	0.7702
72.9	0.9780	0.9586	0.9886	0.7434	0.9480	0.9473	0.6422	0.7529
73.0	0.9836	0.9718	0.9897	0.7831	0.9530	0.9646	0.6885	0.8220
73.1	0.9801	0.9668	0.9879	0.7860	0.9574	0.9614	0.6354	0.8259
73.2	0.9765	0.9692	0.9877	0.7718	0.9486	0.9580	0.5719	0.7918
73.3	0.9751	0.9708	0.9891	0.7958	0.9500	0.9611	0.7064	0.8449
73.4	0.9779	0.9633	0.9883	0.7985	0.9493	0.9629	0.6924	0.8310
73.5	0.9812	0.9623	0.9872	0.8139	0.9484	0.9627	0.5994	0.8300
73.6	0.9815	0.9749	0.9891	0.8422	0.9582	0.9641	0.6959	0.8841
73.7	0.9796	0.9680	0.9894	0.8304	0.9514	0.9528	0.6393	0.8186
73.8	0.9843	0.9733	0.9906	0.8233	0.9537	0.9531	0.5851	0.8033
73.9	0.9743	0.9666	0.9883	0.7854	0.9509	0.9450	0.4679	0.8429
74.0	0.9747	0.9704	0.9901	0.8205	0.9581	0.9609	0.4995	0.8815
74.1	0.9647	0.9638	0.9867	0.7805	0.9352	0.9487	0.3342	0.7681
74.2	0.9545	0.9481	0.9773	0.7525	0.9109	0.9301	0.3059	0.7068
74.3	0.9671	0.9694	0.9838	0.7947	0.9352	0.9401	0.3435	0.7576
74.4	0.9572	0.9586	0.9809	0.7715	0.9187	0.9069	0.2640	0.7506
74.5	0.9656	0.9677	0.9855	0.8361	0.9252	0.9086	0.4452	0.8208
74.6	0.9742	0.9711	0.9911	0.8674	0.9492	0.9416	0.5870	0.8147
74.7	0.9689	0.9628	0.9894	0.8315	0.9315	0.9375	0.5179	0.8158
74.8	0.9671	0.9664	0.9866	0.7641	0.9217	0.9364	0.4216	0.8577
74.9	0.9688	0.9695	0.9876	0.7897	0.9207	0.9358	0.3871	0.8465
75.0	0.9682	0.9630	0.9866	0.8172	0.9125	0.9055	0.4893	0.8525
75.1	0.9673	0.9655	0.9879	0.8466	0.9289	0.8920	0.4067	0.8772
75.2	0.9725	0.9681	0.9889	0.8657	0.9340	0.9103	0.4459	0.8621
75.3	0.9670	0.9648	0.9881	0.8364	0.9368	0.8964	0.4869	0.8501
75.4	0.9660	0.9703	0.9880	0.8115	0.9339	0.8290	0.4721	0.8143
75.5	0.9625	0.9712	0.9907	0.8425	0.9202	0.8502	0.3447	0.7637
75.6	0.9501	0.9596	0.9904	0.8087	0.9211	0.8295	0.3355	0.7560
75.7	0.9623	0.9657	0.9883	0.7869	0.9369	0.7242	0.4753	0.8318
75.8	0.9682	0.9649	0.9888	0.8191	0.9341	0.7159	0.4287	0.8056
75.9	0.9610	0.9572	0.9851	0.8003	0.9277	0.6837	0.4355	0.8304
76.0	0.9653	0.9697	0.9902	0.8388	0.9431	0.7454	0.4078	0.8820
76.1	0.9618	0.9650	0.9874	0.7898	0.9403	0.7245	0.3698	0.7968
76.2	0.9578	0.9707	0.9828	0.6963	0.9386	0.6521	0.2949	0.7341
76.3	0.9759	0.9770	0.9860	0.8350	0.9605	0.7444	0.2368	0.8473
76.4	0.9722	0.9700	0.9857	0.8234	0.9555	0.8003	0.2552	0.8096
76.5	0.9675	0.9663	0.9842	0.7976	0.9360	0.7836	0.2555	0.8315
76.6	0.9640	0.9727	0.9862	0.7478	0.9482	0.8439	0.2038	0.7996
76.7	0.9681	0.9741	0.9835	0.8209	0.9577	0.8413	0.1245	0.7817

76.8	0.9753	0.9774	0.9737	0.8389	0.9621	0.8598	0.0819	0.7357
76.9	0.9710	0.9750	0.9636	0.8216	0.9428	0.8847	0.0950	0.7652
77.0	0.9718	0.9740	0.9692	0.8160	0.9514	0.9028	0.1018	0.8235
77.1	0.9717	0.9734	0.9718	0.8338	0.9569	0.9060	0.1762	0.8233
77.2	0.9720	0.9695	0.9690	0.7746	0.9557	0.8968	0.1780	0.8183
77.3	0.9777	0.9780	0.9728	0.8004	0.9670	0.9187	0.0829	0.8293
77.4	0.9711	0.9707	0.9645	0.8153	0.9513	0.9085	0.0356	0.8186
77.5	0.9794	0.9788	0.9659	0.8107	0.9644	0.9109	0.0222	0.7857
77.6	0.9773	0.9809	0.9644	0.8027	0.9672	0.9232	0.0111	0.8035
77.7	0.9637	0.9716	0.9552	0.7310	0.9601	0.9145	0.0058	0.7685
77.8	0.9731	0.9812	0.9656	0.7302	0.9684	0.9472	0.0082	0.8410
77.9	0.9764	0.9786	0.9650	0.7001	0.9655	0.9415	0.0076	0.7879
78.0	0.9745	0.9752	0.9513	0.6329	0.9625	0.9260	0.0143	0.7141
78.1	0.9724	0.9791	0.9517	0.7067	0.9636	0.9416	0.0418	0.7710
78.2	0.9764	0.9750	0.9582	0.7279	0.9630	0.9176	0.0261	0.7410
78.3	0.9835	0.9803	0.9683	0.7303	0.9675	0.9235	0.0778	0.7986
78.4	0.9839	0.9841	0.9615	0.8087	0.9734	0.9415	0.2180	0.8217
78.5	0.9753	0.9730	0.9221	0.7902	0.9544	0.9168	0.2260	0.7611
78.6	0.9766	0.9727	0.9168	0.7811	0.9629	0.9322	0.0648	0.6448
78.7	0.9787	0.9778	0.9329	0.8043	0.9666	0.9426	0.1183	0.7040
78.8	0.9750	0.9735	0.9247	0.8201	0.9701	0.9207	0.1304	0.6673
78.9	0.9570	0.9352	0.9130	0.8177	0.9504	0.8766	0.2435	0.6249
79.0	0.9545	0.9314	0.9357	0.8036	0.9499	0.8506	0.2694	0.5773
79.1	0.9728	0.9581	0.9595	0.8397	0.9588	0.8895	0.0955	0.5971
79.2	0.9854	0.9752	0.9756	0.8593	0.9712	0.9210	0.0902	0.7027
79.3	0.9858	0.9769	0.9706	0.8398	0.9694	0.9165	0.1151	0.6975
79.4	0.9852	0.9732	0.9560	0.8799	0.9698	0.9109	0.0648	0.5974
79.5	0.9877	0.9774	0.9577	0.8647	0.9702	0.9219	0.1361	0.6251
79.6	0.9903	0.9851	0.9739	0.9115	0.9814	0.9475	0.1752	0.6611
79.7	0.9899	0.9830	0.9729	0.8928	0.9834	0.9303	0.1238	0.6537
79.8	0.9876	0.9796	0.9666	0.8975	0.9813	0.8910	0.0846	0.5608
79.9	0.9854	0.9776	0.9612	0.8784	0.9781	0.8845	0.0804	0.4378
80.0	0.9869	0.9792	0.9737	0.9213	0.9831	0.8663	0.1719	0.4820

2.2.30 Run 3 – IP315 – Accels 41–47

In-plane shaking at 315°. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9965	0.9651	0.9483	0.9984	0.9987	0.7866	0.9019
0.1	0.9869	0.9209	0.8298	0.9942	0.9945	0.6510	0.7864
0.2	0.0139	0.0353	0.0409	0.0104	0.0135	0.0030	0.0019
0.3	0.0009	0.0504	0.0118	0.0032	0.0011	0.0254	0.0071
0.4	0.0034	0.0407	0.0188	0.0497	0.0382	0.0427	0.0001
0.5	0.0961	0.0874	0.0157	0.0331	0.0973	0.0089	0.0239
0.6	0.3249	0.5606	0.0187	0.3528	0.5026	0.1283	0.4594
0.7	0.7783	0.7951	0.0688	0.7880	0.8244	0.0145	0.8346
0.8	0.8969	0.8507	0.1345	0.8744	0.8594	0.0086	0.9114
0.9	0.9204	0.8348	0.3660	0.8855	0.8215	0.0090	0.9137
1.0	0.8960	0.5219	0.4153	0.8423	0.5286	0.0051	0.7886
1.1	0.7379	0.3163	0.2328	0.7024	0.3449	0.0175	0.5627
1.2	0.8578	0.4113	0.5242	0.8817	0.4469	0.0037	0.7679
1.3	0.9143	0.5858	0.8556	0.9266	0.6092	0.0584	0.9090
1.4	0.8872	0.2962	0.9462	0.7820	0.3644	0.1435	0.9415
1.5	0.9018	0.5190	0.9760	0.7795	0.5610	0.2997	0.9164
1.6	0.9476	0.8667	0.9851	0.9351	0.8747	0.4447	0.9297
1.7	0.9629	0.8171	0.9721	0.9728	0.8181	0.4067	0.8038
1.8	0.9605	0.8286	0.9719	0.9810	0.8300	0.6257	0.8320
1.9	0.9480	0.7860	0.9692	0.9711	0.7876	0.8523	0.7994
2.0	0.8965	0.8484	0.9384	0.9200	0.8488	0.8910	0.8676
2.1	0.8809	0.9067	0.9124	0.8899	0.9058	0.9142	0.9266
2.2	0.7907	0.8987	0.8260	0.7949	0.8945	0.8284	0.9239
2.3	0.1425	0.7810	0.1797	0.1438	0.7904	0.1913	0.7003
2.4	0.7723	0.8487	0.7148	0.7688	0.8713	0.7079	0.7426
2.5	0.9545	0.9332	0.9215	0.9531	0.9411	0.9155	0.9197
2.6	0.9787	0.9563	0.9399	0.9787	0.9613	0.9279	0.9522
2.7	0.9887	0.9716	0.9441	0.9884	0.9745	0.9369	0.9711
2.8	0.9914	0.9741	0.9157	0.9914	0.9765	0.9086	0.9742
2.9	0.9947	0.9646	0.8638	0.9946	0.9678	0.8929	0.9649
3.0	0.9959	0.9560	0.6258	0.9956	0.9597	0.7609	0.9552
3.1	0.9976	0.9642	0.5570	0.9975	0.9671	0.5337	0.9636
3.2	0.9981	0.9731	0.8284	0.9977	0.9749	0.1153	0.9722
3.3	0.9990	0.9784	0.9387	0.9988	0.9801	0.0963	0.9771
3.4	0.9987	0.9696	0.9429	0.9984	0.9722	0.3626	0.9665
3.5	0.9989	0.9687	0.9793	0.9988	0.9709	0.6977	0.9653
3.6	0.9992	0.9557	0.9783	0.9986	0.9588	0.8057	0.9483
3.7	0.9994	0.9538	0.9821	0.9988	0.9573	0.8716	0.9447
3.8	0.9995	0.9740	0.9885	0.9990	0.9758	0.9216	0.9674
3.9	0.9995	0.9823	0.9913	0.9991	0.9835	0.9479	0.9767
4.0	0.9994	0.9849	0.9939	0.9993	0.9862	0.9601	0.9803
4.1	0.9992	0.9827	0.9937	0.9990	0.9838	0.9579	0.9761
4.2	0.9984	0.9715	0.9922	0.9978	0.9735	0.9604	0.9583
4.3	0.9977	0.9677	0.9923	0.9965	0.9706	0.9602	0.9519
4.4	0.9985	0.9812	0.9959	0.9979	0.9828	0.9820	0.9702
4.5	0.9986	0.9894	0.9959	0.9982	0.9904	0.9871	0.9813
4.6	0.9980	0.9913	0.9960	0.9977	0.9923	0.9862	0.9844
4.7	0.9969	0.9899	0.9948	0.9970	0.9908	0.9825	0.9802
4.8	0.9966	0.9916	0.9946	0.9967	0.9922	0.9797	0.9818
4.9	0.9970	0.9925	0.9955	0.9972	0.9929	0.9863	0.9812
5.0	0.9960	0.9928	0.9964	0.9969	0.9932	0.9905	0.9816
5.1	0.9959	0.9906	0.9955	0.9971	0.9911	0.9888	0.9740
5.2	0.9965	0.9874	0.9959	0.9975	0.9882	0.9873	0.9608
5.3	0.9966	0.9868	0.9948	0.9970	0.9877	0.9879	0.9544
5.4	0.9973	0.9867	0.9956	0.9972	0.9874	0.9910	0.9538
5.5	0.9979	0.9884	0.9968	0.9976	0.9888	0.9931	0.9565
5.6	0.9981	0.9861	0.9971	0.9977	0.9868	0.9949	0.9433
5.7	0.9976	0.9815	0.9954	0.9974	0.9823	0.9925	0.9274
5.8	0.9959	0.9870	0.9957	0.9969	0.9876	0.9933	0.9476
5.9	0.9948	0.9880	0.9969	0.9959	0.9884	0.9945	0.9477
6.0	0.9959	0.9865	0.9947	0.9967	0.9866	0.9918	0.9279
6.1	0.9963	0.9849	0.9955	0.9968	0.9857	0.9933	0.9187
6.2	0.9960	0.9828	0.9933	0.9967	0.9834	0.9903	0.9001
6.3	0.9951	0.9828	0.9911	0.9966	0.9833	0.9869	0.8859
6.4	0.9944	0.9857	0.9901	0.9966	0.9861	0.9875	0.8927
6.5	0.9939	0.9874	0.9886	0.9962	0.9879	0.9866	0.8976
6.6	0.9915	0.9882	0.9847	0.9941	0.9895	0.9815	0.9025
6.7	0.9910	0.9920	0.9865	0.9936	0.9928	0.9843	0.9207
6.8	0.9904	0.9927	0.9839	0.9935	0.9933	0.9823	0.9169
6.9	0.9866	0.9922	0.9482	0.9918	0.9928	0.9433	0.8855
7.0	0.9875	0.9940	0.9428	0.9920	0.9940	0.9379	0.8778
7.1	0.9801	0.9940	0.8655	0.9842	0.9937	0.8607	0.7677
7.2	0.9848	0.9954	0.9139	0.9852	0.9957	0.9132	0.6807
7.3	0.9855	0.9943	0.9576	0.9823	0.9946	0.9579	0.4427
7.4	0.9858	0.9945	0.9051	0.9783	0.9942	0.9105	0.2115
7.5	0.9897	0.9963	0.9371	0.9876	0.9962	0.9451	0.2574
7.6	0.9854	0.9967	0.9456	0.9847	0.9969	0.9567	0.2306
7.7	0.9853	0.9961	0.9717	0.9847	0.9962	0.9770	0.3492
7.8	0.9863	0.9953	0.9742	0.9859	0.9952	0.9789	0.6038
7.9	0.9872	0.9975	0.9821	0.9873	0.9975	0.9846	0.8136

8.0	0.9840	0.9974	0.9721	0.9840	0.9973	0.9784	0.8599
8.1	0.9887	0.9974	0.9808	0.9885	0.9974	0.9858	0.9049
8.2	0.9892	0.9970	0.9743	0.9895	0.9973	0.9833	0.9152
8.3	0.9911	0.9976	0.9780	0.9911	0.9977	0.9859	0.9517
8.4	0.9913	0.9982	0.9738	0.9906	0.9983	0.9829	0.9595
8.5	0.9920	0.9979	0.9690	0.9915	0.9981	0.9766	0.9685
8.6	0.9920	0.9978	0.9704	0.9920	0.9977	0.9749	0.9709
8.7	0.9948	0.9981	0.9847	0.9948	0.9981	0.9858	0.9761
8.8	0.9935	0.9981	0.9718	0.9934	0.9982	0.9710	0.9752
8.9	0.9926	0.9979	0.9710	0.9919	0.9978	0.9687	0.9747
9.0	0.9928	0.9976	0.9535	0.9901	0.9979	0.9503	0.9790
9.1	0.9936	0.9968	0.9727	0.9917	0.9974	0.9723	0.9823
9.2	0.9904	0.9937	0.9254	0.9855	0.9953	0.9253	0.9748
9.3	0.9899	0.9933	0.9321	0.9817	0.9957	0.9347	0.9759
9.4	0.9945	0.9969	0.9658	0.9893	0.9977	0.9682	0.9836
9.5	0.9951	0.9971	0.9743	0.9891	0.9979	0.9770	0.9859
9.6	0.9945	0.9972	0.9852	0.9868	0.9978	0.9872	0.9903
9.7	0.9930	0.9980	0.9874	0.9860	0.9981	0.9905	0.9912
9.8	0.9928	0.9985	0.9930	0.9870	0.9983	0.9949	0.9927
9.9	0.9890	0.9976	0.9946	0.9828	0.9974	0.9961	0.9935
10.0	0.9865	0.9955	0.9958	0.9816	0.9952	0.9970	0.9932
10.1	0.9899	0.9957	0.9955	0.9868	0.9958	0.9973	0.9925
10.2	0.9938	0.9968	0.9939	0.9919	0.9966	0.9966	0.9910
10.3	0.9972	0.9977	0.9965	0.9965	0.9973	0.9978	0.9926
10.4	0.9969	0.9985	0.9966	0.9972	0.9983	0.9981	0.9940
10.5	0.9979	0.9986	0.9978	0.9984	0.9983	0.9988	0.9960
10.6	0.9984	0.9982	0.9977	0.9988	0.9980	0.9987	0.9959
10.7	0.9982	0.9986	0.9976	0.9989	0.9983	0.9986	0.9956
10.8	0.9977	0.9986	0.9978	0.9986	0.9984	0.9990	0.9955
10.9	0.9979	0.9988	0.9991	0.9986	0.9986	0.9994	0.9956
11.0	0.9983	0.9985	0.9985	0.9984	0.9984	0.9993	0.9953
11.1	0.9986	0.9988	0.9986	0.9986	0.9986	0.9993	0.9969
11.2	0.9984	0.9986	0.9982	0.9985	0.9986	0.9993	0.9968
11.3	0.9982	0.9989	0.9982	0.9988	0.9988	0.9990	0.9964
11.4	0.9984	0.9989	0.9988	0.9990	0.9987	0.9992	0.9969
11.5	0.9979	0.9986	0.9984	0.9984	0.9986	0.9992	0.9970
11.6	0.9974	0.9984	0.9984	0.9982	0.9985	0.9990	0.9970
11.7	0.9980	0.9984	0.9979	0.9987	0.9982	0.9990	0.9967
11.8	0.9983	0.9983	0.9977	0.9984	0.9982	0.9991	0.9977
11.9	0.9981	0.9983	0.9975	0.9984	0.9982	0.9988	0.9977
12.0	0.9985	0.9987	0.9973	0.9987	0.9986	0.9992	0.9978
12.1	0.9989	0.9989	0.9976	0.9991	0.9989	0.9993	0.9982
12.2	0.9984	0.9987	0.9966	0.9988	0.9988	0.9991	0.9985
12.3	0.9984	0.9979	0.9954	0.9985	0.9981	0.9990	0.9981
12.4	0.9981	0.9979	0.9940	0.9987	0.9978	0.9990	0.9976
12.5	0.9980	0.9981	0.9935	0.9989	0.9983	0.9991	0.9981
12.6	0.9977	0.9978	0.9933	0.9990	0.9980	0.9991	0.9978
12.7	0.9966	0.9977	0.9877	0.9989	0.9979	0.9988	0.9978
12.8	0.9967	0.9978	0.9842	0.9980	0.9981	0.9988	0.9983
12.9	0.9961	0.9975	0.9862	0.9980	0.9980	0.9991	0.9985
13.0	0.9952	0.9971	0.9859	0.9982	0.9976	0.9989	0.9987
13.1	0.9973	0.9977	0.9891	0.9984	0.9981	0.9987	0.9990
13.2	0.9975	0.9975	0.9826	0.9982	0.9981	0.9985	0.9984
13.3	0.9982	0.9975	0.9768	0.9976	0.9980	0.9984	0.9980
13.4	0.9985	0.9975	0.9798	0.9983	0.9979	0.9985	0.9981
13.5	0.9984	0.9968	0.9711	0.9980	0.9972	0.9986	0.9981
13.6	0.9984	0.9958	0.9714	0.9977	0.9962	0.9980	0.9973
13.7	0.9984	0.9962	0.9702	0.9977	0.9967	0.9982	0.9970
13.8	0.9984	0.9978	0.9701	0.9980	0.9980	0.9984	0.9972
13.9	0.9986	0.9978	0.9672	0.9981	0.9979	0.9987	0.9974
14.0	0.9981	0.9974	0.9522	0.9977	0.9973	0.9984	0.9964
14.1	0.9979	0.9977	0.9621	0.9975	0.9978	0.9981	0.9967
14.2	0.9977	0.9975	0.9689	0.9970	0.9976	0.9976	0.9968
14.3	0.9975	0.9974	0.9760	0.9970	0.9975	0.9972	0.9968
14.4	0.9972	0.9971	0.9789	0.9967	0.9973	0.9973	0.9962
14.5	0.9965	0.9954	0.9695	0.9955	0.9958	0.9968	0.9941
14.6	0.9966	0.9960	0.9702	0.9955	0.9959	0.9969	0.9948
14.7	0.9959	0.9961	0.9706	0.9949	0.9962	0.9966	0.9953
14.8	0.9949	0.9968	0.9744	0.9941	0.9968	0.9967	0.9967
14.9	0.9966	0.9980	0.9784	0.9962	0.9979	0.9966	0.9976
15.0	0.9964	0.9937	0.9729	0.9957	0.9938	0.9929	0.9913
15.1	0.9959	0.9913	0.9743	0.9953	0.9915	0.9914	0.9902
15.2	0.9947	0.9903	0.9636	0.9940	0.9904	0.9906	0.9877
15.3	0.9947	0.9914	0.9681	0.9944	0.9916	0.9922	0.9889
15.4	0.9924	0.9890	0.9550	0.9922	0.9893	0.9915	0.9870
15.5	0.9841	0.9751	0.9434	0.9841	0.9757	0.9776	0.9724
15.6	0.9892	0.9788	0.9552	0.9885	0.9790	0.9824	0.9763
15.7	0.9858	0.9541	0.9318	0.9849	0.9544	0.9639	0.9519
15.8	0.9812	0.9408	0.9312	0.9796	0.9417	0.9464	0.9388
15.9	0.9873	0.9529	0.9527	0.9856	0.9532	0.9571	0.9529
16.0	0.9884	0.9667	0.9668	0.9876	0.9669	0.9684	0.9678
16.1	0.9873	0.9822	0.9833	0.9858	0.9824	0.9697	0.9826
16.2	0.9874	0.9869	0.9885	0.9855	0.9870	0.9725	0.9891
16.3	0.9846	0.9848	0.9843	0.9828	0.9849	0.9737	0.9882
16.4	0.9809	0.9904	0.9855	0.9797	0.9906	0.9610	0.9935
16.5	0.9776	0.9894	0.9832	0.9774	0.9902	0.9681	0.9947

16.6	0.9767	0.9887	0.9806	0.9758	0.9896	0.9631	0.9948
16.7	0.9651	0.9890	0.9679	0.9641	0.9897	0.9539	0.9944
16.8	0.9635	0.9806	0.9636	0.9626	0.9815	0.9539	0.9912
16.9	0.9650	0.9777	0.9640	0.9654	0.9797	0.9589	0.9917
17.0	0.9742	0.9830	0.9705	0.9747	0.9847	0.9671	0.9960
17.1	0.9857	0.9854	0.9779	0.9857	0.9867	0.9791	0.9970
17.2	0.9826	0.9925	0.9734	0.9827	0.9926	0.9731	0.9952
17.3	0.9876	0.9942	0.9801	0.9880	0.9942	0.9785	0.9957
17.4	0.9917	0.9965	0.9861	0.9918	0.9966	0.9858	0.9972
17.5	0.9900	0.9959	0.9846	0.9900	0.9961	0.9859	0.9982
17.6	0.9899	0.9949	0.9824	0.9900	0.9952	0.9833	0.9984
17.7	0.9907	0.9959	0.9839	0.9905	0.9961	0.9839	0.9982
17.8	0.9945	0.9976	0.9906	0.9944	0.9976	0.9908	0.9992
17.9	0.9936	0.9975	0.9888	0.9934	0.9975	0.9891	0.9989
18.0	0.9914	0.9971	0.9839	0.9914	0.9971	0.9860	0.9988
18.1	0.9926	0.9975	0.9869	0.9926	0.9975	0.9884	0.9990
18.2	0.9940	0.9985	0.9917	0.9940	0.9984	0.9915	0.9992
18.3	0.9928	0.9984	0.9920	0.9930	0.9982	0.9921	0.9991
18.4	0.9925	0.9989	0.9893	0.9929	0.9988	0.9911	0.9991
18.5	0.9909	0.9983	0.9816	0.9913	0.9982	0.9922	0.9985
18.6	0.9927	0.9990	0.9842	0.9933	0.9989	0.9937	0.9990
18.7	0.9902	0.9992	0.9811	0.9913	0.9991	0.9905	0.9991
18.8	0.9948	0.9991	0.9921	0.9953	0.9990	0.9955	0.9994
18.9	0.9944	0.9986	0.9886	0.9951	0.9986	0.9957	0.9994
19.0	0.9948	0.9990	0.9894	0.9956	0.9990	0.9964	0.9995
19.1	0.9944	0.9988	0.9861	0.9954	0.9987	0.9962	0.9996
19.2	0.9936	0.9984	0.9830	0.9945	0.9983	0.9962	0.9992
19.3	0.9952	0.9989	0.9874	0.9958	0.9989	0.9973	0.9993
19.4	0.9950	0.9989	0.9866	0.9958	0.9989	0.9971	0.9992
19.5	0.9938	0.9987	0.9834	0.9949	0.9986	0.9963	0.9990
19.6	0.9941	0.9988	0.9879	0.9952	0.9987	0.9972	0.9990
19.7	0.9945	0.9985	0.9892	0.9952	0.9985	0.9971	0.9987
19.8	0.9946	0.9988	0.9861	0.9957	0.9988	0.9967	0.9990
19.9	0.9926	0.9980	0.9789	0.9938	0.9981	0.9957	0.9987
20.0	0.9918	0.9975	0.9719	0.9933	0.9976	0.9961	0.9984
20.1	0.9928	0.9979	0.9779	0.9936	0.9979	0.9973	0.9986
20.2	0.9945	0.9978	0.9787	0.9956	0.9979	0.9978	0.9990
20.3	0.9904	0.9970	0.9650	0.9928	0.9970	0.9968	0.9984
20.4	0.9902	0.9967	0.9558	0.9923	0.9969	0.9974	0.9985
20.5	0.9879	0.9966	0.9498	0.9904	0.9968	0.9968	0.9986
20.6	0.9854	0.9947	0.9392	0.9882	0.9949	0.9956	0.9982
20.7	0.9878	0.9935	0.9494	0.9892	0.9937	0.9966	0.9979
20.8	0.9900	0.9944	0.9564	0.9912	0.9945	0.9965	0.9980
20.9	0.9867	0.9873	0.9239	0.9882	0.9876	0.9940	0.9965
21.0	0.9846	0.9849	0.8996	0.9860	0.9854	0.9937	0.9944
21.1	0.9828	0.9860	0.8657	0.9844	0.9864	0.9928	0.9943
21.2	0.9792	0.9807	0.8357	0.9800	0.9811	0.9917	0.9936
21.3	0.9830	0.9793	0.8590	0.9813	0.9796	0.9910	0.9929
21.4	0.9876	0.9789	0.8936	0.9858	0.9791	0.9924	0.9930
21.5	0.9852	0.9804	0.8918	0.9836	0.9806	0.9919	0.9936
21.6	0.9864	0.9842	0.9080	0.9831	0.9844	0.9893	0.9947
21.7	0.9861	0.9802	0.9398	0.9834	0.9804	0.9890	0.9936
21.8	0.9842	0.9783	0.9397	0.9818	0.9786	0.9892	0.9942
21.9	0.9847	0.9732	0.9312	0.9832	0.9734	0.9887	0.9938
22.0	0.9759	0.9770	0.9378	0.9743	0.9771	0.9911	0.9942
22.1	0.9751	0.9759	0.9449	0.9728	0.9755	0.9910	0.9945
22.2	0.9840	0.9718	0.9552	0.9831	0.9713	0.9908	0.9949
22.3	0.9818	0.9627	0.9686	0.9806	0.9618	0.9911	0.9948
22.4	0.9812	0.9603	0.9494	0.9797	0.9596	0.9892	0.9942
22.5	0.9812	0.9660	0.9442	0.9798	0.9655	0.9884	0.9939
22.6	0.9877	0.9532	0.9725	0.9852	0.9525	0.9905	0.9940
22.7	0.9842	0.9579	0.9708	0.9817	0.9569	0.9893	0.9936
22.8	0.9802	0.9627	0.9665	0.9792	0.9616	0.9886	0.9930
22.9	0.9771	0.9333	0.9644	0.9756	0.9304	0.9861	0.9914
23.0	0.9692	0.9373	0.9664	0.9716	0.9348	0.9886	0.9917
23.1	0.9756	0.9568	0.9664	0.9754	0.9539	0.9850	0.9913
23.2	0.9807	0.9678	0.9705	0.9761	0.9654	0.9855	0.9903
23.3	0.9842	0.9519	0.9612	0.9771	0.9487	0.9882	0.9879
23.4	0.9830	0.9417	0.9586	0.9728	0.9377	0.9900	0.9851
23.5	0.9879	0.9566	0.9621	0.9811	0.9518	0.9895	0.9869
23.6	0.9852	0.9450	0.9353	0.9777	0.9395	0.9871	0.9849
23.7	0.9840	0.9194	0.9225	0.9776	0.9098	0.9891	0.9856
23.8	0.9843	0.9324	0.9405	0.9797	0.9238	0.9890	0.9918
23.9	0.9814	0.9022	0.9618	0.9784	0.8905	0.9901	0.9924
24.0	0.9839	0.9057	0.9693	0.9795	0.8893	0.9908	0.9941
24.1	0.9809	0.8654	0.9674	0.9777	0.8359	0.9884	0.9936
24.2	0.9673	0.8044	0.9608	0.9672	0.7582	0.9822	0.9942
24.3	0.9649	0.7704	0.9490	0.9656	0.7093	0.9845	0.9936
24.4	0.9772	0.7794	0.9571	0.9749	0.7141	0.9894	0.9942
24.5	0.9703	0.7441	0.9633	0.9704	0.6758	0.9885	0.9936
24.6	0.9751	0.7058	0.9726	0.9770	0.6269	0.9898	0.9937
24.7	0.9804	0.7319	0.9772	0.9806	0.6461	0.9903	0.9942
24.8	0.9790	0.7383	0.9756	0.9782	0.6372	0.9880	0.9928
24.9	0.9595	0.6877	0.9723	0.9606	0.5592	0.9817	0.9902
25.0	0.9622	0.6033	0.9734	0.9645	0.4661	0.9835	0.9911
25.1	0.9628	0.5341	0.9731	0.9683	0.3847	0.9883	0.9932

25.2	0.9565	0.4458	0.9726	0.9656	0.2816	0.9882	0.9925
25.3	0.9371	0.3566	0.9699	0.9516	0.2225	0.9838	0.9920
25.4	0.9443	0.3495	0.9672	0.9487	0.2247	0.9809	0.9907
25.5	0.9482	0.3563	0.9641	0.9502	0.2096	0.9811	0.9896
25.6	0.9430	0.2822	0.9747	0.9555	0.1394	0.9870	0.9917
25.7	0.9368	0.1253	0.9716	0.9488	0.0443	0.9845	0.9899
25.8	0.9481	0.1556	0.9789	0.9574	0.0464	0.9862	0.9926
25.9	0.9479	0.1698	0.9764	0.9559	0.0675	0.9854	0.9913
26.0	0.9236	0.1321	0.9758	0.9385	0.1242	0.9835	0.9905
26.1	0.9094	0.1142	0.9797	0.9249	0.0792	0.9836	0.9910
26.2	0.9116	0.1693	0.9762	0.9298	0.0786	0.9809	0.9881
26.3	0.8965	0.1237	0.9763	0.9178	0.0495	0.9814	0.9886
26.4	0.8846	0.0804	0.9819	0.9180	0.1589	0.9837	0.9905
26.5	0.8807	0.1188	0.9744	0.9026	0.1715	0.9791	0.9872
26.6	0.8802	0.2547	0.9742	0.9189	0.2528	0.9824	0.9872
26.7	0.8573	0.1725	0.9717	0.9039	0.1414	0.9793	0.9864
26.8	0.8717	0.0799	0.9706	0.8937	0.0767	0.9772	0.9853
26.9	0.8660	0.0576	0.9730	0.8595	0.0701	0.9776	0.9838
27.0	0.8370	0.1100	0.9768	0.8544	0.1272	0.9807	0.9867
27.1	0.7889	0.1805	0.9697	0.8056	0.1547	0.9754	0.9811
27.2	0.8440	0.3919	0.9741	0.8520	0.3601	0.9815	0.9846
27.3	0.8187	0.6096	0.9715	0.8261	0.5672	0.9670	0.9772
27.4	0.8168	0.7262	0.9678	0.8082	0.6558	0.9687	0.9762
27.5	0.8475	0.8552	0.9702	0.7926	0.8141	0.9647	0.9723
27.6	0.8665	0.8708	0.9786	0.7707	0.8449	0.9708	0.9793
27.7	0.8691	0.8670	0.9728	0.7796	0.8354	0.9647	0.9744
27.8	0.9170	0.8309	0.9725	0.8571	0.7842	0.9664	0.9746
27.9	0.8863	0.8144	0.9663	0.8379	0.7840	0.9625	0.9711
28.0	0.8264	0.7221	0.9529	0.7635	0.6585	0.9331	0.9473
28.1	0.8006	0.7348	0.9528	0.7447	0.6569	0.9420	0.9552
28.2	0.7694	0.6794	0.9410	0.7201	0.6291	0.9269	0.9430
28.3	0.8529	0.6488	0.9497	0.8186	0.6081	0.9151	0.9465
28.4	0.7664	0.6459	0.9523	0.7328	0.5984	0.9246	0.9512
28.5	0.7466	0.5896	0.9363	0.7268	0.5146	0.9118	0.9398
28.6	0.7151	0.5159	0.9233	0.6959	0.3951	0.8962	0.9321
28.7	0.6532	0.4932	0.8857	0.6611	0.3979	0.8701	0.9053
28.8	0.5752	0.4011	0.8537	0.5972	0.3167	0.8518	0.8865
28.9	0.5985	0.4073	0.8586	0.5791	0.3685	0.8270	0.8889
29.0	0.6222	0.3639	0.8768	0.5595	0.3143	0.7864	0.9046
29.1	0.7428	0.5196	0.9188	0.6932	0.4693	0.8456	0.9448
29.2	0.7261	0.5499	0.9021	0.6898	0.4326	0.8500	0.9442
29.3	0.5759	0.3758	0.7955	0.5720	0.2620	0.7726	0.9009
29.4	0.6397	0.3432	0.8271	0.6511	0.2750	0.7586	0.9124
29.5	0.6586	0.3625	0.8518	0.6609	0.3127	0.7341	0.9274
29.6	0.7195	0.4160	0.8231	0.7451	0.3661	0.7481	0.9340
29.7	0.7004	0.4977	0.8288	0.7506	0.4056	0.7884	0.9445
29.8	0.7473	0.5335	0.8576	0.7972	0.4723	0.8426	0.9590
29.9	0.6359	0.4995	0.7049	0.7176	0.4486	0.7836	0.9327
30.0	0.5477	0.4463	0.6419	0.6527	0.3751	0.7619	0.9345
30.1	0.6342	0.4356	0.7820	0.7190	0.3154	0.7117	0.9357
30.2	0.5981	0.5013	0.7930	0.6991	0.4111	0.7083	0.8986
30.3	0.5388	0.5503	0.7330	0.6866	0.4673	0.6845	0.9048
30.4	0.7098	0.6014	0.7695	0.8213	0.5158	0.6802	0.9299
30.5	0.7179	0.5970	0.7949	0.8377	0.5122	0.6941	0.9386
30.6	0.6746	0.5947	0.7663	0.7915	0.5178	0.6750	0.9082
30.7	0.6349	0.6109	0.7570	0.7772	0.5088	0.6640	0.8960
30.8	0.6407	0.6165	0.7388	0.8133	0.5537	0.7074	0.9006
30.9	0.6093	0.5874	0.6881	0.8042	0.5483	0.7067	0.8800
31.0	0.6371	0.6148	0.6914	0.8466	0.5783	0.7023	0.8897
31.1	0.6498	0.6947	0.7352	0.8442	0.6874	0.7244	0.9051
31.2	0.5708	0.6306	0.6371	0.7739	0.5996	0.6718	0.8516
31.3	0.5407	0.6560	0.6145	0.7723	0.6228	0.6419	0.8500
31.4	0.5890	0.6376	0.6283	0.8215	0.6311	0.6452	0.8504
31.5	0.5988	0.5958	0.6478	0.8307	0.5913	0.7075	0.8475
31.6	0.4917	0.6464	0.6759	0.8137	0.6244	0.7818	0.8675
31.7	0.4551	0.6789	0.6283	0.7933	0.6711	0.7461	0.8314
31.8	0.6277	0.7805	0.7290	0.8676	0.7166	0.7881	0.8831
31.9	0.5380	0.6687	0.6659	0.7916	0.6131	0.7433	0.8474
32.0	0.6062	0.6973	0.6517	0.8151	0.6646	0.7435	0.8424
32.1	0.7550	0.7301	0.7507	0.8828	0.6955	0.8141	0.8832
32.2	0.7757	0.6900	0.7873	0.8711	0.6749	0.8340	0.8917
32.3	0.7103	0.6313	0.6747	0.7869	0.6263	0.7330	0.8263
32.4	0.8191	0.6830	0.7541	0.8326	0.6621	0.7998	0.8777
32.5	0.8408	0.6370	0.8122	0.8442	0.6338	0.8557	0.9000
32.6	0.8203	0.6721	0.7445	0.8274	0.6686	0.8108	0.8820
32.7	0.8671	0.6538	0.8008	0.8439	0.6309	0.8467	0.9091
32.8	0.8537	0.6233	0.7948	0.8055	0.6131	0.8494	0.9133
32.9	0.8445	0.6599	0.7423	0.8150	0.6676	0.8155	0.8927
33.0	0.8646	0.6652	0.7806	0.8567	0.6620	0.8382	0.9075
33.1	0.8460	0.6146	0.7524	0.8066	0.5698	0.8051	0.8909
33.2	0.8398	0.5573	0.6650	0.7691	0.5614	0.7311	0.8236
33.3	0.8155	0.5485	0.7348	0.8173	0.5802	0.7880	0.8564
33.4	0.7925	0.4933	0.7707	0.8215	0.5341	0.8189	0.8850
33.5	0.7988	0.3750	0.7619	0.8324	0.4342	0.8294	0.8746
33.6	0.6779	0.2893	0.6589	0.7620	0.3406	0.7392	0.7990
33.7	0.6849	0.2414	0.6831	0.7176	0.3688	0.7619	0.8503

33.8	0.6814	0.2626	0.6700	0.7259	0.4446	0.7745	0.8699
33.9	0.5824	0.1964	0.6813	0.7002	0.2672	0.7952	0.8864
34.0	0.6643	0.2458	0.7225	0.7323	0.3163	0.8094	0.8834
34.1	0.5507	0.2583	0.7468	0.7365	0.3088	0.8181	0.8662
34.2	0.5413	0.2884	0.6800	0.6785	0.3517	0.7426	0.8272
34.3	0.5840	0.1679	0.5670	0.7099	0.2609	0.6393	0.8300
34.4	0.5271	0.2727	0.5843	0.7405	0.3018	0.6634	0.8778
34.5	0.5602	0.1759	0.4922	0.7490	0.2208	0.5739	0.8607
34.6	0.5409	0.1945	0.4675	0.8184	0.2014	0.5286	0.8981
34.7	0.5635	0.2082	0.4934	0.7763	0.2797	0.5503	0.8845
34.8	0.6049	0.2239	0.4835	0.7628	0.3043	0.5671	0.8616
34.9	0.7228	0.2930	0.5787	0.8213	0.3982	0.6490	0.9070
35.0	0.7388	0.2646	0.5757	0.8226	0.3798	0.6411	0.8878
35.1	0.7108	0.4013	0.5934	0.8413	0.4314	0.6400	0.8525
35.2	0.7796	0.4193	0.6590	0.8460	0.5046	0.6989	0.8615
35.3	0.7896	0.4409	0.7319	0.8269	0.4915	0.7661	0.8914
35.4	0.7948	0.3516	0.7176	0.8078	0.3898	0.7593	0.8729
35.5	0.8255	0.3952	0.7780	0.7926	0.4706	0.7979	0.8866
35.6	0.8407	0.5408	0.8079	0.8120	0.5821	0.8123	0.9001
35.7	0.8573	0.5470	0.8125	0.8239	0.5705	0.8258	0.8919
35.8	0.8527	0.5788	0.8530	0.8072	0.5867	0.8674	0.9185
35.9	0.8964	0.5128	0.8973	0.8493	0.5464	0.8877	0.9395
36.0	0.9012	0.5116	0.9113	0.8687	0.6283	0.9049	0.9405
36.1	0.8936	0.5560	0.9380	0.8799	0.6283	0.9244	0.9460
36.2	0.8973	0.5735	0.9559	0.8926	0.5856	0.9377	0.9568
36.3	0.8910	0.5582	0.9402	0.8605	0.6046	0.9307	0.9538
36.4	0.8957	0.6378	0.9398	0.8772	0.5745	0.9293	0.9391
36.5	0.9259	0.6344	0.9615	0.9204	0.5797	0.9483	0.9521
36.6	0.8962	0.5770	0.9512	0.8864	0.5154	0.9210	0.9404
36.7	0.8886	0.6930	0.9505	0.8886	0.6169	0.9023	0.9281
36.8	0.8922	0.6614	0.9524	0.8822	0.5404	0.8993	0.9118
36.9	0.8787	0.7367	0.9361	0.8784	0.6098	0.8704	0.9167
37.0	0.9162	0.7674	0.9363	0.8929	0.6514	0.8902	0.9457
37.1	0.9342	0.8385	0.9595	0.9232	0.7484	0.9278	0.9608
37.2	0.9325	0.8255	0.9636	0.9170	0.7780	0.9288	0.9647
37.3	0.9402	0.8558	0.9677	0.9314	0.7902	0.8790	0.9568
37.4	0.9243	0.8890	0.9628	0.9245	0.8203	0.8644	0.9084
37.5	0.9237	0.8705	0.9621	0.9158	0.8350	0.8205	0.9374
37.6	0.9456	0.9080	0.9666	0.9420	0.8921	0.8269	0.9600
37.7	0.9299	0.9154	0.9611	0.9284	0.9132	0.8025	0.9677
37.8	0.9212	0.9324	0.9656	0.9246	0.9311	0.8013	0.9576
37.9	0.9185	0.9286	0.9585	0.9271	0.9270	0.6401	0.9336
38.0	0.9271	0.9400	0.9611	0.9344	0.9339	0.6045	0.9391
38.1	0.9122	0.9209	0.9479	0.9218	0.9100	0.5286	0.9379
38.2	0.9148	0.9412	0.9669	0.9215	0.9389	0.5581	0.9472
38.3	0.9239	0.9485	0.9726	0.9345	0.9465	0.6714	0.9502
38.4	0.9325	0.9651	0.9713	0.9496	0.9617	0.7196	0.9488
38.5	0.9337	0.9530	0.9654	0.9513	0.9514	0.7473	0.9521
38.6	0.9106	0.9433	0.9613	0.9377	0.9417	0.8002	0.9532
38.7	0.9465	0.9684	0.9743	0.9649	0.9669	0.8930	0.9689
38.8	0.9339	0.9637	0.9695	0.9520	0.9657	0.8596	0.9600
38.9	0.9038	0.9287	0.9678	0.9232	0.9346	0.8309	0.9552
39.0	0.9149	0.9390	0.9721	0.9309	0.9370	0.8792	0.9651
39.1	0.9294	0.9352	0.9692	0.9486	0.9310	0.9106	0.9649
39.2	0.9205	0.9244	0.9680	0.9409	0.9195	0.9309	0.9719
39.3	0.9362	0.9439	0.9744	0.9509	0.9384	0.9327	0.9789
39.4	0.9493	0.9474	0.9795	0.9623	0.9447	0.9332	0.9775
39.5	0.9460	0.9454	0.9735	0.9640	0.9394	0.9280	0.9736
39.6	0.9530	0.9459	0.9770	0.9665	0.9433	0.9324	0.9813
39.7	0.9545	0.9265	0.9760	0.9639	0.9253	0.9269	0.9813
39.8	0.9482	0.8816	0.9711	0.9596	0.8816	0.9090	0.9771
39.9	0.9577	0.9176	0.9743	0.9730	0.9256	0.9429	0.9848
40.0	0.9550	0.9212	0.9767	0.9724	0.9075	0.9371	0.9836
40.1	0.9486	0.8955	0.9804	0.9692	0.8912	0.9328	0.9862
40.2	0.9511	0.8839	0.9794	0.9719	0.8708	0.9408	0.9864
40.3	0.9585	0.8960	0.9790	0.9773	0.8909	0.9428	0.9864
40.4	0.9638	0.9187	0.9792	0.9799	0.9162	0.9451	0.9856
40.5	0.9639	0.9082	0.9814	0.9826	0.8948	0.9533	0.9852
40.6	0.9567	0.9047	0.9701	0.9766	0.8969	0.9360	0.9788
40.7	0.9549	0.9170	0.9703	0.9793	0.9102	0.9281	0.9856
40.8	0.9597	0.9200	0.9728	0.9790	0.9126	0.9398	0.9870
40.9	0.9689	0.9459	0.9742	0.9845	0.9369	0.9426	0.9878
41.0	0.9703	0.9461	0.9765	0.9860	0.9481	0.9455	0.9886
41.1	0.9606	0.9401	0.9769	0.9868	0.9373	0.9404	0.9863
41.2	0.9663	0.9357	0.9696	0.9867	0.9295	0.9355	0.9884
41.3	0.9763	0.9489	0.9726	0.9896	0.9488	0.9497	0.9885
41.4	0.9803	0.9663	0.9784	0.9920	0.9666	0.9618	0.9894
41.5	0.9737	0.9618	0.9747	0.9924	0.9593	0.9429	0.9886
41.6	0.9699	0.9450	0.9630	0.9899	0.9452	0.9282	0.9864
41.7	0.9705	0.9550	0.9760	0.9899	0.9571	0.9533	0.9882
41.8	0.9668	0.9647	0.9728	0.9904	0.9654	0.9503	0.9838
41.9	0.9734	0.9626	0.9730	0.9889	0.9645	0.9481	0.9875
42.0	0.9726	0.9690	0.9760	0.9908	0.9728	0.9522	0.9900
42.1	0.9798	0.9678	0.9763	0.9948	0.9698	0.9534	0.9888
42.2	0.9741	0.9597	0.9750	0.9933	0.9633	0.9477	0.9877
42.3	0.9680	0.9550	0.9705	0.9888	0.9623	0.9412	0.9886

42.4	0.9700	0.9632	0.9698	0.9906	0.9667	0.9401	0.9894
42.5	0.9725	0.9704	0.9719	0.9917	0.9727	0.9427	0.9914
42.6	0.9697	0.9763	0.9742	0.9933	0.9766	0.9547	0.9899
42.7	0.9765	0.9818	0.9804	0.9940	0.9833	0.9665	0.9917
42.8	0.9786	0.9761	0.9823	0.9930	0.9806	0.9634	0.9901
42.9	0.9759	0.9670	0.9781	0.9927	0.9686	0.9590	0.9883
43.0	0.9703	0.9709	0.9813	0.9927	0.9713	0.9622	0.9872
43.1	0.9560	0.9694	0.9839	0.9911	0.9696	0.9668	0.9852
43.2	0.9702	0.9595	0.9842	0.9923	0.9605	0.9687	0.9814
43.3	0.9740	0.9482	0.9698	0.9915	0.9487	0.9438	0.9837
43.4	0.9815	0.9742	0.9810	0.9940	0.9746	0.9698	0.9829
43.5	0.9800	0.9794	0.9858	0.9956	0.9808	0.9765	0.9841
43.6	0.9755	0.9829	0.9850	0.9955	0.9833	0.9710	0.9860
43.7	0.9792	0.9810	0.9792	0.9942	0.9834	0.9673	0.9858
43.8	0.9737	0.9699	0.9701	0.9918	0.9747	0.9565	0.9848
43.9	0.9727	0.9795	0.9863	0.9958	0.9804	0.9805	0.9907
44.0	0.9699	0.9797	0.9859	0.9965	0.9815	0.9829	0.9902
44.1	0.9696	0.9790	0.9881	0.9952	0.9814	0.9820	0.9869
44.2	0.9619	0.9788	0.9840	0.9946	0.9817	0.9741	0.9774
44.3	0.9751	0.9810	0.9706	0.9926	0.9826	0.9559	0.9783
44.4	0.9778	0.9650	0.9177	0.9897	0.9692	0.8821	0.9797
44.5	0.9830	0.9655	0.9478	0.9944	0.9706	0.8992	0.9859
44.6	0.9819	0.9703	0.9853	0.9936	0.9758	0.9728	0.9811
44.7	0.9706	0.9614	0.9863	0.9926	0.9697	0.9815	0.9776
44.8	0.9671	0.9694	0.9716	0.9942	0.9719	0.9620	0.9860
44.9	0.9695	0.9786	0.9794	0.9954	0.9792	0.9685	0.9859
45.0	0.9666	0.9800	0.9870	0.9967	0.9811	0.9793	0.9835
45.1	0.9711	0.9738	0.9903	0.9973	0.9763	0.9860	0.9851
45.2	0.9866	0.9695	0.9924	0.9967	0.9749	0.9836	0.9882
45.3	0.9830	0.9767	0.9908	0.9970	0.9838	0.9817	0.9883
45.4	0.9742	0.9792	0.9794	0.9966	0.9807	0.9636	0.9887
45.5	0.9720	0.9831	0.9819	0.9954	0.9820	0.9670	0.9826
45.6	0.9701	0.9867	0.9820	0.9940	0.9864	0.9667	0.9813
45.7	0.9748	0.9741	0.9784	0.9944	0.9774	0.9576	0.9835
45.8	0.9726	0.9753	0.9794	0.9948	0.9778	0.9666	0.9832
45.9	0.9758	0.9733	0.9854	0.9964	0.9743	0.9807	0.9836
46.0	0.9764	0.9571	0.9838	0.9956	0.9615	0.9751	0.9850
46.1	0.9691	0.9594	0.9758	0.9934	0.9659	0.9590	0.9822
46.2	0.9651	0.9729	0.9470	0.9920	0.9797	0.9313	0.9832
46.3	0.9575	0.9128	0.9111	0.9868	0.9200	0.8930	0.9691
46.4	0.9623	0.9432	0.9422	0.9911	0.9446	0.9315	0.9687
46.5	0.9690	0.9242	0.8890	0.9857	0.9291	0.8663	0.9755
46.6	0.9850	0.9641	0.9025	0.9935	0.9664	0.8701	0.9854
46.7	0.9828	0.9616	0.9558	0.9964	0.9644	0.9421	0.9885
46.8	0.9773	0.9085	0.9618	0.9935	0.9106	0.9495	0.9843
46.9	0.9658	0.8968	0.9469	0.9897	0.9026	0.9117	0.9737
47.0	0.9645	0.9215	0.9143	0.9902	0.9234	0.8909	0.9708
47.1	0.9535	0.8453	0.7589	0.9844	0.8457	0.7330	0.9731
47.2	0.9636	0.7369	0.8938	0.9882	0.7402	0.8096	0.9785
47.3	0.9703	0.9281	0.9658	0.9946	0.9338	0.9481	0.9839
47.4	0.9555	0.9638	0.9698	0.9939	0.9644	0.9642	0.9856
47.5	0.9630	0.9833	0.9811	0.9969	0.9825	0.9786	0.9863
47.6	0.9698	0.9793	0.9723	0.9970	0.9795	0.9679	0.9890
47.7	0.9670	0.9611	0.9437	0.9957	0.9647	0.9560	0.9861
47.8	0.9722	0.9325	0.8738	0.9941	0.9372	0.8753	0.9848
47.9	0.9810	0.9401	0.8909	0.9942	0.9454	0.8527	0.9900
48.0	0.9763	0.9428	0.8634	0.9954	0.9460	0.8682	0.9893
48.1	0.9740	0.8902	0.8727	0.9961	0.9029	0.8692	0.9886
48.2	0.9539	0.8906	0.9290	0.9946	0.9029	0.9308	0.9855
48.3	0.9637	0.9740	0.9665	0.9947	0.9793	0.9672	0.9863
48.4	0.9715	0.9762	0.9491	0.9962	0.9806	0.9532	0.9913
48.5	0.9596	0.9558	0.9348	0.9960	0.9582	0.9332	0.9904
48.6	0.9577	0.9679	0.9695	0.9960	0.9697	0.9688	0.9882
48.7	0.9373	0.9746	0.9598	0.9946	0.9738	0.9627	0.9828
48.8	0.9458	0.9772	0.9493	0.9957	0.9776	0.9490	0.9845
48.9	0.9503	0.9198	0.8999	0.9937	0.9263	0.9016	0.9796
49.0	0.9471	0.9247	0.9484	0.9948	0.9267	0.9499	0.9828
49.1	0.9276	0.9660	0.9514	0.9957	0.9667	0.9460	0.9843
49.2	0.8540	0.9501	0.9470	0.9918	0.9495	0.9378	0.9685
49.3	0.8528	0.9725	0.9711	0.9939	0.9710	0.9698	0.9796
49.4	0.7788	0.9744	0.9693	0.9944	0.9730	0.9695	0.9790
49.5	0.8255	0.9640	0.9537	0.9933	0.9646	0.9508	0.9847
49.6	0.7878	0.9830	0.9645	0.9944	0.9843	0.9676	0.9867
49.7	0.7707	0.9849	0.9836	0.9966	0.9858	0.9829	0.9865
49.8	0.8284	0.9870	0.9793	0.9965	0.9871	0.9735	0.9856
49.9	0.8171	0.9491	0.9237	0.9943	0.9525	0.9385	0.9750
50.0	0.7700	0.9608	0.9507	0.9951	0.9672	0.9615	0.9774
50.1	0.7984	0.9820	0.9760	0.9962	0.9844	0.9819	0.9790
50.2	0.8725	0.9856	0.9874	0.9968	0.9872	0.9886	0.9849
50.3	0.9138	0.9853	0.9885	0.9968	0.9861	0.9905	0.9903
50.4	0.9179	0.9824	0.9852	0.9964	0.9839	0.9877	0.9877
50.5	0.9155	0.9829	0.9812	0.9951	0.9841	0.9788	0.9868
50.6	0.9126	0.9903	0.9761	0.9963	0.9902	0.9744	0.9877
50.7	0.9313	0.9887	0.9628	0.9968	0.9887	0.9776	0.9881
50.8	0.9164	0.9830	0.9736	0.9957	0.9826	0.9824	0.9865
50.9	0.8850	0.9637	0.9622	0.9941	0.9630	0.9690	0.9805

51.0	0.8707	0.9415	0.9395	0.9926	0.9396	0.9505	0.9622
51.1	0.7520	0.9529	0.9485	0.9926	0.9513	0.9573	0.9502
51.2	0.6370	0.9639	0.9575	0.9947	0.9621	0.9694	0.9670
51.3	0.8383	0.9774	0.9677	0.9968	0.9759	0.9793	0.9763
51.4	0.8469	0.9682	0.9559	0.9953	0.9669	0.9756	0.9586
51.5	0.8156	0.9435	0.9336	0.9944	0.9391	0.9563	0.9272
51.6	0.7642	0.9711	0.9657	0.9948	0.9695	0.9726	0.9349
51.7	0.3640	0.9736	0.9583	0.9939	0.9719	0.9696	0.9392
51.8	0.4224	0.9722	0.9542	0.9947	0.9702	0.9727	0.9517
51.9	0.6221	0.9728	0.9577	0.9944	0.9710	0.9760	0.9561
52.0	0.7263	0.9734	0.9660	0.9940	0.9720	0.9730	0.9542
52.1	0.6800	0.9762	0.9696	0.9950	0.9747	0.9761	0.9762
52.2	0.6126	0.9853	0.9758	0.9971	0.9835	0.9836	0.9851
52.3	0.5894	0.9828	0.9661	0.9969	0.9805	0.9765	0.9836
52.4	0.7238	0.9802	0.9594	0.9970	0.9778	0.9760	0.9743
52.5	0.7771	0.9786	0.9604	0.9947	0.9773	0.9737	0.9718
52.6	0.7877	0.9770	0.9504	0.9956	0.9755	0.9732	0.9792
52.7	0.8412	0.9682	0.9124	0.9940	0.9655	0.9531	0.9566
52.8	0.8230	0.9556	0.9182	0.9915	0.9522	0.9414	0.9283
52.9	0.7944	0.9674	0.9459	0.9919	0.9670	0.9568	0.9566
53.0	0.7339	0.9745	0.9496	0.9924	0.9726	0.9623	0.9656
53.1	0.6992	0.9691	0.9257	0.9932	0.9665	0.9579	0.9664
53.2	0.7110	0.9694	0.9353	0.9940	0.9673	0.9637	0.9563
53.3	0.7392	0.9783	0.9444	0.9953	0.9760	0.9748	0.9655
53.4	0.7526	0.9774	0.9187	0.9953	0.9748	0.9658	0.9703
53.5	0.8566	0.9758	0.9404	0.9945	0.9749	0.9630	0.9792
53.6	0.8713	0.9728	0.9284	0.9940	0.9713	0.9494	0.9742
53.7	0.8829	0.9690	0.9413	0.9925	0.9657	0.9450	0.9683
53.8	0.8634	0.9405	0.9117	0.9870	0.9342	0.9182	0.9612
53.9	0.8597	0.9326	0.9105	0.9820	0.9295	0.9218	0.9539
54.0	0.9448	0.9753	0.9704	0.9905	0.9746	0.9743	0.9827
54.1	0.9521	0.9787	0.9728	0.9916	0.9785	0.9745	0.9859
54.2	0.8096	0.9195	0.8354	0.9794	0.9166	0.8737	0.9668
54.3	0.8774	0.9406	0.9018	0.9842	0.9394	0.9201	0.9750
54.4	0.9420	0.9738	0.9655	0.9896	0.9736	0.9732	0.9833
54.5	0.9731	0.9879	0.9838	0.9937	0.9875	0.9863	0.9910
54.6	0.9494	0.9802	0.9714	0.9910	0.9793	0.9806	0.9843
54.7	0.8845	0.9603	0.9073	0.9869	0.9595	0.9563	0.9805
54.8	0.7930	0.9320	0.8582	0.9854	0.9299	0.9169	0.9786
54.9	0.8965	0.9536	0.9253	0.9856	0.9499	0.9508	0.9813
55.0	0.9461	0.9738	0.9583	0.9883	0.9721	0.9703	0.9862
55.1	0.9666	0.9849	0.9786	0.9926	0.9841	0.9848	0.9896
55.2	0.9694	0.9875	0.9808	0.9938	0.9876	0.9878	0.9909
55.3	0.9544	0.9795	0.9652	0.9894	0.9799	0.9789	0.9869
55.4	0.9452	0.9831	0.9553	0.9916	0.9836	0.9799	0.9893
55.5	0.8114	0.9607	0.8775	0.9885	0.9601	0.9510	0.9846
55.6	0.9221	0.9758	0.9466	0.9901	0.9750	0.9727	0.9901
55.7	0.9649	0.9872	0.9749	0.9935	0.9869	0.9883	0.9928
55.8	0.9768	0.9919	0.9820	0.9956	0.9916	0.9917	0.9924
55.9	0.9703	0.9890	0.9721	0.9935	0.9890	0.9879	0.9916
56.0	0.9017	0.9726	0.8818	0.9872	0.9717	0.9558	0.9872
56.1	0.8993	0.9719	0.9058	0.9874	0.9699	0.9491	0.9876
56.2	0.9511	0.9843	0.9551	0.9922	0.9831	0.9763	0.9916
56.3	0.9788	0.9921	0.9814	0.9952	0.9915	0.9915	0.9933
56.4	0.9816	0.9936	0.9867	0.9959	0.9931	0.9937	0.9930
56.5	0.9830	0.9936	0.9876	0.9967	0.9931	0.9946	0.9930
56.6	0.9795	0.9927	0.9834	0.9957	0.9920	0.9928	0.9929
56.7	0.9822	0.9931	0.9839	0.9956	0.9928	0.9941	0.9930
56.8	0.9786	0.9917	0.9811	0.9954	0.9920	0.9933	0.9920
56.9	0.9742	0.9907	0.9741	0.9956	0.9907	0.9926	0.9904
57.0	0.9718	0.9890	0.9627	0.9938	0.9894	0.9898	0.9888
57.1	0.9445	0.9820	0.8650	0.9899	0.9828	0.9729	0.9874
57.2	0.8472	0.9480	0.8179	0.9776	0.9472	0.9148	0.9861
57.3	0.9572	0.9844	0.9602	0.9920	0.9845	0.9794	0.9924
57.4	0.9704	0.9872	0.9671	0.9942	0.9865	0.9885	0.9902
57.5	0.9845	0.9931	0.9854	0.9970	0.9936	0.9944	0.9930
57.6	0.9880	0.9947	0.9897	0.9971	0.9951	0.9966	0.9946
57.7	0.9899	0.9943	0.9899	0.9972	0.9951	0.9969	0.9950
57.8	0.9901	0.9943	0.9913	0.9974	0.9953	0.9965	0.9944
57.9	0.9867	0.9938	0.9890	0.9973	0.9951	0.9961	0.9945
58.0	0.9881	0.9931	0.9905	0.9966	0.9938	0.9961	0.9951
58.1	0.9895	0.9937	0.9913	0.9970	0.9946	0.9965	0.9954
58.2	0.9866	0.9927	0.9899	0.9964	0.9940	0.9956	0.9948
58.3	0.9813	0.9905	0.9868	0.9957	0.9918	0.9950	0.9940
58.4	0.9858	0.9926	0.9868	0.9968	0.9941	0.9964	0.9951
58.5	0.9853	0.9922	0.9778	0.9971	0.9933	0.9941	0.9947
58.6	0.9787	0.9890	0.9749	0.9965	0.9906	0.9907	0.9949
58.7	0.9886	0.9906	0.9878	0.9961	0.9917	0.9938	0.9949
58.8	0.9849	0.9882	0.9860	0.9964	0.9899	0.9944	0.9927
58.9	0.9889	0.9914	0.9898	0.9972	0.9932	0.9966	0.9942
59.0	0.9881	0.9877	0.9884	0.9956	0.9904	0.9961	0.9942
59.1	0.9911	0.9923	0.9898	0.9960	0.9935	0.9961	0.9957
59.2	0.9931	0.9936	0.9923	0.9971	0.9944	0.9964	0.9959
59.3	0.9943	0.9921	0.9909	0.9968	0.9938	0.9967	0.9954
59.4	0.9945	0.9932	0.9922	0.9969	0.9947	0.9968	0.9955
59.5	0.9936	0.9935	0.9930	0.9959	0.9948	0.9965	0.9959

59.6	0.9934	0.9927	0.9915	0.9935	0.9944	0.9959	0.9953
59.7	0.9942	0.9932	0.9914	0.9873	0.9945	0.9964	0.9962
59.8	0.9943	0.9939	0.9928	0.8477	0.9952	0.9961	0.9971
59.9	0.9933	0.9943	0.9918	0.0348	0.9959	0.9964	0.9850
60.0	0.9908	0.9939	0.9897	0.0728	0.9955	0.9972	0.9571
60.1	0.9931	0.9930	0.9890	0.0067	0.9940	0.9964	0.9846
60.2	0.9917	0.9906	0.9850	0.8597	0.9921	0.9962	0.9958
60.3	0.9934	0.9922	0.9868	0.9843	0.9940	0.9963	0.9960
60.4	0.9952	0.9935	0.9885	0.9945	0.9951	0.9962	0.9959
60.5	0.9954	0.9934	0.9858	0.9958	0.9946	0.9962	0.9955
60.6	0.9953	0.9933	0.9861	0.9961	0.9946	0.9964	0.9959
60.7	0.9951	0.9934	0.9883	0.9969	0.9945	0.9960	0.9969
60.8	0.9953	0.9911	0.9863	0.9968	0.9934	0.9950	0.9966
60.9	0.9955	0.9931	0.9861	0.9967	0.9946	0.9953	0.9961
61.0	0.9939	0.9926	0.9896	0.9955	0.9937	0.9951	0.9957
61.1	0.9950	0.9930	0.9902	0.9963	0.9940	0.9966	0.9964
61.2	0.9939	0.9917	0.9861	0.9953	0.9928	0.9957	0.9955
61.3	0.9939	0.9921	0.9864	0.9955	0.9933	0.9953	0.9960
61.4	0.9933	0.9911	0.9859	0.9945	0.9926	0.9934	0.9960
61.5	0.9951	0.9935	0.9860	0.9953	0.9945	0.9941	0.9955
61.6	0.9955	0.9930	0.9855	0.9960	0.9944	0.9954	0.9961
61.7	0.9951	0.9905	0.9820	0.9942	0.9927	0.9941	0.9951
61.8	0.9957	0.9938	0.9882	0.9957	0.9951	0.9962	0.9968
61.9	0.9956	0.9944	0.9884	0.9962	0.9953	0.9961	0.9971
62.0	0.9929	0.9907	0.9834	0.9946	0.9924	0.9937	0.9958
62.1	0.9923	0.9878	0.9773	0.9929	0.9903	0.9928	0.9944
62.2	0.9951	0.9916	0.9844	0.9960	0.9935	0.9953	0.9962
62.3	0.9950	0.9902	0.9832	0.9946	0.9921	0.9928	0.9950
62.4	0.9955	0.9908	0.9767	0.9940	0.9930	0.9918	0.9950
62.5	0.9946	0.9902	0.9821	0.9956	0.9924	0.9935	0.9956
62.6	0.9942	0.9859	0.9810	0.9951	0.9895	0.9946	0.9949
62.7	0.9931	0.9846	0.9769	0.9938	0.9885	0.9942	0.9933
62.8	0.9940	0.9883	0.9773	0.9949	0.9913	0.9944	0.9944
62.9	0.9932	0.9856	0.9733	0.9928	0.9893	0.9941	0.9942
63.0	0.9924	0.9840	0.9800	0.9918	0.9875	0.9920	0.9931
63.1	0.9934	0.9842	0.9787	0.9934	0.9879	0.9928	0.9942
63.2	0.9936	0.9812	0.9778	0.9930	0.9860	0.9935	0.9943
63.3	0.9940	0.9856	0.9803	0.9934	0.9892	0.9950	0.9954
63.4	0.9955	0.9902	0.9853	0.9951	0.9922	0.9955	0.9960
63.5	0.9949	0.9893	0.9811	0.9945	0.9920	0.9940	0.9949
63.6	0.9920	0.9837	0.9797	0.9915	0.9878	0.9919	0.9925
63.7	0.9927	0.9802	0.9823	0.9932	0.9852	0.9927	0.9942
63.8	0.9924	0.9808	0.9827	0.9928	0.9854	0.9935	0.9940
63.9	0.9933	0.9794	0.9801	0.9928	0.9845	0.9937	0.9946
64.0	0.9921	0.9820	0.9806	0.9921	0.9861	0.9927	0.9946
64.1	0.9888	0.9742	0.9785	0.9900	0.9801	0.9931	0.9914
64.2	0.9893	0.9719	0.9763	0.9895	0.9783	0.9929	0.9907
64.3	0.9930	0.9795	0.9820	0.9930	0.9845	0.9944	0.9935
64.4	0.9906	0.9721	0.9811	0.9919	0.9794	0.9928	0.9915
64.5	0.9909	0.9667	0.9759	0.9890	0.9751	0.9914	0.9915
64.6	0.9914	0.9717	0.9798	0.9898	0.9787	0.9907	0.9904
64.7	0.9925	0.9748	0.9775	0.9919	0.9810	0.9928	0.9921
64.8	0.9906	0.9754	0.9771	0.9911	0.9816	0.9925	0.9920
64.9	0.9912	0.9809	0.9840	0.9923	0.9855	0.9929	0.9926
65.0	0.9904	0.9782	0.9840	0.9926	0.9843	0.9928	0.9924
65.1	0.9923	0.9795	0.9833	0.9923	0.9855	0.9928	0.9918
65.2	0.9874	0.9734	0.9849	0.9886	0.9798	0.9909	0.9891
65.3	0.9862	0.9730	0.9773	0.9889	0.9800	0.9889	0.9902
65.4	0.9856	0.9595	0.9670	0.9893	0.9712	0.9881	0.9902
65.5	0.9877	0.9641	0.9764	0.9892	0.9737	0.9893	0.9898
65.6	0.9904	0.9761	0.9851	0.9918	0.9818	0.9918	0.9917
65.7	0.9892	0.9724	0.9787	0.9888	0.9775	0.9881	0.9904
65.8	0.9852	0.9725	0.9828	0.9871	0.9771	0.9864	0.9903
65.9	0.9873	0.9750	0.9810	0.9884	0.9791	0.9896	0.9908
66.0	0.9872	0.9809	0.9812	0.9879	0.9832	0.9897	0.9908
66.1	0.9863	0.9819	0.9828	0.9883	0.9843	0.9887	0.9919
66.2	0.9794	0.9760	0.9818	0.9846	0.9790	0.9879	0.9894
66.3	0.9860	0.9811	0.9849	0.9890	0.9824	0.9899	0.9915
66.4	0.9790	0.9817	0.9846	0.9863	0.9832	0.9872	0.9901
66.5	0.9675	0.9764	0.9830	0.9825	0.9786	0.9844	0.9868
66.6	0.9765	0.9814	0.9840	0.9850	0.9831	0.9885	0.9902
66.7	0.9815	0.9854	0.9844	0.9868	0.9864	0.9905	0.9924
66.8	0.9765	0.9871	0.9875	0.9873	0.9879	0.9897	0.9918
66.9	0.9792	0.9838	0.9888	0.9896	0.9852	0.9902	0.9922
67.0	0.9754	0.9865	0.9843	0.9894	0.9874	0.9903	0.9943
67.1	0.9665	0.9875	0.9872	0.9860	0.9882	0.9882	0.9934
67.2	0.9717	0.9898	0.9880	0.9905	0.9907	0.9912	0.9946
67.3	0.9619	0.9869	0.9882	0.9883	0.9884	0.9888	0.9939
67.4	0.9492	0.9870	0.9815	0.9875	0.9882	0.9881	0.9932
67.5	0.9425	0.9865	0.9864	0.9883	0.9879	0.9891	0.9924
67.6	0.9218	0.9846	0.9857	0.9828	0.9859	0.9886	0.9926
67.7	0.9345	0.9892	0.9848	0.9898	0.9903	0.9892	0.9952
67.8	0.9346	0.9914	0.9913	0.9901	0.9921	0.9908	0.9948
67.9	0.9257	0.9892	0.9916	0.9883	0.9901	0.9917	0.9950
68.0	0.8824	0.9862	0.9864	0.9847	0.9874	0.9881	0.9926
68.1	0.9095	0.9878	0.9887	0.9856	0.9883	0.9881	0.9935

68.2	0.9263	0.9906	0.9913	0.9905	0.9915	0.9912	0.9947
68.3	0.9086	0.9895	0.9882	0.9885	0.9907	0.9901	0.9921
68.4	0.9233	0.9911	0.9891	0.9900	0.9922	0.9911	0.9938
68.5	0.9502	0.9928	0.9888	0.9906	0.9935	0.9929	0.9944
68.6	0.9434	0.9876	0.9848	0.9874	0.9887	0.9900	0.9921
68.7	0.9471	0.9883	0.9885	0.9867	0.9891	0.9914	0.9934
68.8	0.9461	0.9879	0.9872	0.9861	0.9889	0.9900	0.9926
68.9	0.9517	0.9898	0.9867	0.9863	0.9906	0.9913	0.9931
69.0	0.9663	0.9892	0.9887	0.9889	0.9899	0.9933	0.9939
69.1	0.9623	0.9858	0.9858	0.9855	0.9867	0.9921	0.9923
69.2	0.9649	0.9873	0.9819	0.9870	0.9887	0.9913	0.9923
69.3	0.9732	0.9905	0.9831	0.9900	0.9913	0.9919	0.9944
69.4	0.9780	0.9908	0.9850	0.9887	0.9914	0.9922	0.9945
69.5	0.9719	0.9861	0.9832	0.9882	0.9869	0.9917	0.9933
69.6	0.9725	0.9887	0.9836	0.9913	0.9899	0.9928	0.9937
69.7	0.9740	0.9875	0.9852	0.9897	0.9887	0.9936	0.9931
69.8	0.9753	0.9848	0.9832	0.9877	0.9863	0.9905	0.9912
69.9	0.9749	0.9891	0.9847	0.9881	0.9898	0.9921	0.9919
70.0	0.9708	0.9875	0.9829	0.9874	0.9878	0.9928	0.9921
70.1	0.9761	0.9865	0.9819	0.9902	0.9878	0.9946	0.9922
70.2	0.9716	0.9843	0.9858	0.9881	0.9856	0.9942	0.9905
70.3	0.9732	0.9841	0.9858	0.9867	0.9852	0.9935	0.9916
70.4	0.9744	0.9846	0.9807	0.9872	0.9859	0.9915	0.9919
70.5	0.9682	0.9827	0.9787	0.9879	0.9841	0.9932	0.9919
70.6	0.9572	0.9764	0.9772	0.9838	0.9775	0.9917	0.9887
70.7	0.9500	0.9716	0.9768	0.9782	0.9739	0.9905	0.9867
70.8	0.9640	0.9784	0.9832	0.9825	0.9811	0.9916	0.9898
70.9	0.9625	0.9799	0.9843	0.9835	0.9819	0.9941	0.9901
71.0	0.9637	0.9807	0.9808	0.9854	0.9822	0.9936	0.9907
71.1	0.9823	0.9882	0.9863	0.9907	0.9892	0.9951	0.9929
71.2	0.9720	0.9834	0.9865	0.9848	0.9847	0.9939	0.9901
71.3	0.9653	0.9770	0.9862	0.9797	0.9791	0.9931	0.9867
71.4	0.9665	0.9796	0.9858	0.9828	0.9819	0.9925	0.9884
71.5	0.9652	0.9792	0.9845	0.9845	0.9814	0.9947	0.9911
71.6	0.9675	0.9798	0.9842	0.9844	0.9823	0.9944	0.9900
71.7	0.9701	0.9788	0.9823	0.9845	0.9807	0.9936	0.9893
71.8	0.9685	0.9764	0.9761	0.9827	0.9787	0.9915	0.9874
71.9	0.9689	0.9782	0.9776	0.9825	0.9812	0.9932	0.9877
72.0	0.9658	0.9723	0.9824	0.9784	0.9758	0.9930	0.9858
72.1	0.9678	0.9758	0.9852	0.9801	0.9787	0.9937	0.9871
72.2	0.9735	0.9822	0.9865	0.9838	0.9846	0.9945	0.9881
72.3	0.9712	0.9824	0.9835	0.9823	0.9855	0.9935	0.9881
72.4	0.9668	0.9792	0.9866	0.9831	0.9821	0.9931	0.9873
72.5	0.9745	0.9806	0.9867	0.9850	0.9828	0.9943	0.9901
72.6	0.9699	0.9757	0.9880	0.9820	0.9788	0.9927	0.9888
72.7	0.9495	0.9605	0.9861	0.9718	0.9664	0.9903	0.9810
72.8	0.9615	0.9653	0.9812	0.9759	0.9714	0.9921	0.9828
72.9	0.9585	0.9632	0.9786	0.9755	0.9701	0.9896	0.9860
73.0	0.9619	0.9686	0.9808	0.9795	0.9747	0.9900	0.9871
73.1	0.9580	0.9620	0.9855	0.9735	0.9707	0.9896	0.9852
73.2	0.9538	0.9587	0.9835	0.9710	0.9672	0.9894	0.9834
73.3	0.9560	0.9634	0.9854	0.9740	0.9703	0.9906	0.9849
73.4	0.9587	0.9649	0.9858	0.9741	0.9714	0.9919	0.9844
73.5	0.9607	0.9621	0.9835	0.9732	0.9705	0.9883	0.9846
73.6	0.9637	0.9655	0.9842	0.9763	0.9738	0.9887	0.9864
73.7	0.9562	0.9643	0.9800	0.9767	0.9723	0.9829	0.9852
73.8	0.9606	0.9648	0.9856	0.9794	0.9732	0.9856	0.9845
73.9	0.9493	0.9535	0.9819	0.9708	0.9649	0.9839	0.9815
74.0	0.9526	0.9578	0.9853	0.9723	0.9680	0.9863	0.9867
74.1	0.9250	0.9358	0.9765	0.9614	0.9509	0.9822	0.9824
74.2	0.8954	0.9068	0.9777	0.9425	0.9288	0.9795	0.9724
74.3	0.9225	0.9254	0.9829	0.9524	0.9452	0.9823	0.9792
74.4	0.9106	0.9221	0.9709	0.9485	0.9433	0.9684	0.9728
74.5	0.9258	0.9363	0.9707	0.9577	0.9538	0.9733	0.9816
74.6	0.9428	0.9468	0.9787	0.9682	0.9619	0.9814	0.9881
74.7	0.9323	0.9329	0.9698	0.9611	0.9516	0.9731	0.9851
74.8	0.9264	0.9322	0.9707	0.9604	0.9501	0.9741	0.9817
74.9	0.9261	0.9324	0.9716	0.9603	0.9514	0.9724	0.9812
75.0	0.9251	0.9314	0.9637	0.9578	0.9507	0.9669	0.9820
75.1	0.9352	0.9310	0.9657	0.9579	0.9512	0.9712	0.9788
75.2	0.9405	0.9368	0.9660	0.9617	0.9572	0.9730	0.9836
75.3	0.9296	0.9293	0.9607	0.9565	0.9513	0.9597	0.9809
75.4	0.9270	0.9304	0.9447	0.9605	0.9495	0.9431	0.9780
75.5	0.9256	0.9314	0.9523	0.9561	0.9495	0.9532	0.9811
75.6	0.9027	0.9159	0.9481	0.9455	0.9402	0.9582	0.9782
75.7	0.9325	0.9331	0.9502	0.9548	0.9540	0.9500	0.9821
75.8	0.9437	0.9384	0.9549	0.9581	0.9580	0.9528	0.9831
75.9	0.9261	0.9182	0.9588	0.9463	0.9439	0.9484	0.9779
76.0	0.9319	0.9262	0.9559	0.9536	0.9500	0.9408	0.9857
76.1	0.9298	0.9192	0.9417	0.9478	0.9460	0.9149	0.9819
76.2	0.9196	0.9097	0.9305	0.9364	0.9373	0.9031	0.9830
76.3	0.9539	0.9482	0.9614	0.9619	0.9647	0.9437	0.9875
76.4	0.9444	0.9404	0.9588	0.9578	0.9595	0.9229	0.9864
76.5	0.9360	0.9199	0.9326	0.9451	0.9490	0.8569	0.9834
76.6	0.9278	0.9097	0.9321	0.9380	0.9418	0.8565	0.9829
76.7	0.9472	0.9363	0.9313	0.9522	0.9570	0.8720	0.9856

76.8	0.9546	0.9433	0.9291	0.9541	0.9640	0.8433	0.9862
76.9	0.9438	0.9302	0.9182	0.9491	0.9556	0.7866	0.9835
77.0	0.9464	0.9268	0.9237	0.9426	0.9546	0.7906	0.9869
77.1	0.9516	0.9417	0.9302	0.9489	0.9629	0.8287	0.9894
77.2	0.9494	0.9384	0.9155	0.9495	0.9610	0.7566	0.9866
77.3	0.9628	0.9492	0.9163	0.9626	0.9706	0.7672	0.9882
77.4	0.9509	0.9399	0.8998	0.9498	0.9621	0.7615	0.9856
77.5	0.9547	0.9433	0.9049	0.9539	0.9648	0.7775	0.9862
77.6	0.9545	0.9482	0.9271	0.9621	0.9680	0.8408	0.9872
77.7	0.9484	0.9424	0.8793	0.9534	0.9620	0.7754	0.9831
77.8	0.9599	0.9498	0.9037	0.9584	0.9680	0.8258	0.9899
77.9	0.9652	0.9517	0.9278	0.9657	0.9703	0.8701	0.9890
78.0	0.9644	0.9541	0.9156	0.9673	0.9697	0.8698	0.9868
78.1	0.9581	0.9494	0.9142	0.9628	0.9680	0.8740	0.9871
78.2	0.9623	0.9520	0.9234	0.9622	0.9712	0.8819	0.9844
78.3	0.9728	0.9641	0.9452	0.9720	0.9791	0.9200	0.9865
78.4	0.9735	0.9644	0.9474	0.9723	0.9791	0.9260	0.9902
78.5	0.9653	0.9532	0.9100	0.9594	0.9696	0.8744	0.9838
78.6	0.9730	0.9599	0.9242	0.9613	0.9723	0.9066	0.9868
78.7	0.9758	0.9678	0.9390	0.9676	0.9776	0.9276	0.9917
78.8	0.9693	0.9646	0.9303	0.9642	0.9740	0.9213	0.9909
78.9	0.9473	0.9363	0.9366	0.9397	0.9499	0.9347	0.9634
79.0	0.9457	0.9391	0.9525	0.9486	0.9523	0.9397	0.9511
79.1	0.9652	0.9644	0.9646	0.9699	0.9738	0.9509	0.9727
79.2	0.9771	0.9793	0.9705	0.9828	0.9856	0.9587	0.9881
79.3	0.9754	0.9777	0.9676	0.9832	0.9866	0.9531	0.9894
79.4	0.9739	0.9758	0.9639	0.9784	0.9833	0.9589	0.9908
79.5	0.9812	0.9808	0.9621	0.9794	0.9865	0.9589	0.9917
79.6	0.9862	0.9871	0.9741	0.9878	0.9902	0.9666	0.9930
79.7	0.9861	0.9874	0.9775	0.9869	0.9907	0.9689	0.9920
79.8	0.9839	0.9850	0.9748	0.9842	0.9891	0.9664	0.9921
79.9	0.9839	0.9805	0.9683	0.9786	0.9851	0.9622	0.9916
80.0	0.9886	0.9864	0.9781	0.9848	0.9893	0.9747	0.9922

2.2.31 Run 3 – IP315-200 – Accels 1–8

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.8022	0.7340	0.9868	0.9962	0.8366	0.9741	0.9588	0.9781
0.1	0.6750	0.5028	0.9355	0.9832	0.6450	0.9288	0.8772	0.9261
0.2	0.0058	0.0069	0.0021	0.0144	0.0208	0.0168	0.0123	0.0628
0.3	0.0008	0.0124	0.0436	0.0078	0.0080	0.0143	0.0130	0.0073
0.4	0.0101	0.0002	0.0309	0.0472	0.0118	0.0027	0.0069	0.0142
0.5	0.0763	0.0197	0.0100	0.0130	0.0434	0.0313	0.0290	0.0790
0.6	0.2371	0.1555	0.0162	0.0391	0.2487	0.1909	0.0336	0.2874
0.7	0.5539	0.4753	0.0122	0.0423	0.6212	0.6033	0.0101	0.7041
0.8	0.7274	0.7062	0.0284	0.0367	0.8192	0.7500	0.0408	0.8467
0.9	0.8341	0.8440	0.0054	0.0093	0.9295	0.7796	0.0151	0.8822
1.0	0.7533	0.7556	0.0071	0.0095	0.9034	0.6909	0.0005	0.7866
1.1	0.5385	0.5132	0.0213	0.0017	0.8026	0.4920	0.0187	0.5014
1.2	0.8246	0.8078	0.0001	0.0099	0.9586	0.7113	0.1200	0.7568
1.3	0.9274	0.9250	0.0009	0.0348	0.9765	0.7983	0.2891	0.7468
1.4	0.9456	0.9496	0.0477	0.1488	0.9709	0.8373	0.4765	0.7043
1.5	0.9469	0.9495	0.2287	0.2471	0.9872	0.8558	0.6460	0.7015
1.6	0.9645	0.9664	0.3222	0.2615	0.9854	0.9150	0.7803	0.6637
1.7	0.9287	0.9303	0.3904	0.2831	0.9736	0.8584	0.8194	0.7351
1.8	0.9208	0.9241	0.6194	0.2583	0.9647	0.8585	0.9031	0.7486
1.9	0.9046	0.9055	0.7368	0.4340	0.9473	0.8369	0.9178	0.8277
2.0	0.9115	0.9134	0.8308	0.6583	0.9288	0.8841	0.9272	0.8798
2.1	0.8388	0.8432	0.8784	0.7805	0.8724	0.9100	0.8834	0.8587
2.2	0.8127	0.8206	0.8627	0.8240	0.8316	0.9253	0.8524	0.8261
2.3	0.3653	0.3736	0.4042	0.3822	0.3591	0.8483	0.3959	0.3541
2.4	0.7268	0.7131	0.5212	0.6190	0.6763	0.8991	0.6301	0.6664
2.5	0.9315	0.9237	0.7986	0.8413	0.9384	0.9499	0.8991	0.9365
2.6	0.9700	0.9642	0.8355	0.8551	0.9836	0.9750	0.9540	0.9828
2.7	0.9698	0.9590	0.7895	0.8699	0.9887	0.9810	0.9492	0.9882
2.8	0.9549	0.9343	0.7015	0.8203	0.9897	0.9809	0.9119	0.9889
2.9	0.9441	0.9123	0.5567	0.7665	0.9939	0.9793	0.8355	0.9938
3.0	0.9221	0.8457	0.4255	0.5237	0.9970	0.9780	0.6755	0.9967
3.1	0.8743	0.6939	0.3411	0.4488	0.9973	0.9820	0.4172	0.9967
3.2	0.8247	0.7627	0.2841	0.5435	0.9982	0.9900	0.7852	0.9976
3.3	0.7954	0.8510	0.2442	0.5489	0.9990	0.9910	0.9063	0.9984
3.4	0.6551	0.8660	0.1011	0.3567	0.9984	0.9888	0.9271	0.9978
3.5	0.8540	0.9526	0.0601	0.3149	0.9994	0.9906	0.9680	0.9987
3.6	0.8806	0.9538	0.0332	0.1508	0.9991	0.9876	0.9731	0.9985
3.7	0.9575	0.9806	0.0943	0.1385	0.9994	0.9916	0.9838	0.9989
3.8	0.9707	0.9851	0.1316	0.1627	0.9995	0.9922	0.9841	0.9991
3.9	0.9791	0.9885	0.1875	0.4507	0.9995	0.9921	0.9875	0.9992
4.0	0.9853	0.9916	0.3049	0.4827	0.9997	0.9923	0.9934	0.9992
4.1	0.9836	0.9900	0.3581	0.3948	0.9995	0.9925	0.9902	0.9989
4.2	0.9877	0.9920	0.3605	0.4589	0.9995	0.9923	0.9903	0.9989
4.3	0.9907	0.9940	0.5033	0.6473	0.9989	0.9927	0.9930	0.9988
4.4	0.9911	0.9942	0.6053	0.6651	0.9988	0.9947	0.9945	0.9990
4.5	0.9934	0.9955	0.6305	0.6676	0.9989	0.9972	0.9938	0.9992
4.6	0.9944	0.9963	0.6161	0.7357	0.9990	0.9971	0.9942	0.9992
4.7	0.9943	0.9960	0.5993	0.7622	0.9985	0.9966	0.9939	0.9989
4.8	0.9941	0.9955	0.5575	0.7215	0.9981	0.9972	0.9936	0.9985
4.9	0.9945	0.9959	0.5760	0.6638	0.9983	0.9968	0.9920	0.9989
5.0	0.9964	0.9975	0.6862	0.7365	0.9981	0.9968	0.9954	0.9988
5.1	0.9947	0.9961	0.6850	0.8047	0.9980	0.9961	0.9918	0.9986
5.2	0.9966	0.9975	0.7824	0.8551	0.9981	0.9959	0.9941	0.9988
5.3	0.9973	0.9978	0.8513	0.8970	0.9986	0.9962	0.9957	0.9991
5.4	0.9978	0.9983	0.8716	0.9276	0.9984	0.9954	0.9951	0.9992
5.5	0.9977	0.9981	0.8757	0.9319	0.9985	0.9948	0.9963	0.9991
5.6	0.9972	0.9978	0.8410	0.9255	0.9981	0.9923	0.9945	0.9989
5.7	0.9973	0.9978	0.8800	0.9401	0.9968	0.9921	0.9924	0.9987
5.8	0.9979	0.9983	0.9289	0.9600	0.9963	0.9942	0.9951	0.9989
5.9	0.9978	0.9983	0.9035	0.9327	0.9964	0.9928	0.9940	0.9979
6.0	0.9971	0.9978	0.8662	0.9156	0.9960	0.9931	0.9903	0.9973
6.1	0.9965	0.9975	0.8930	0.9197	0.9971	0.9928	0.9931	0.9981
6.2	0.9973	0.9981	0.9190	0.9432	0.9980	0.9930	0.9934	0.9987
6.3	0.9971	0.9977	0.9182	0.9374	0.9970	0.9923	0.9913	0.9987
6.4	0.9970	0.9977	0.9341	0.9503	0.9963	0.9941	0.9874	0.9984
6.5	0.9967	0.9976	0.9348	0.9427	0.9966	0.9939	0.9838	0.9975
6.6	0.9971	0.9978	0.9491	0.9524	0.9957	0.9946	0.9849	0.9964
6.7	0.9961	0.9967	0.9559	0.9623	0.9950	0.9945	0.9804	0.9951
6.8	0.9970	0.9974	0.9654	0.9609	0.9934	0.9936	0.9772	0.9937
6.9	0.9953	0.9958	0.9691	0.9479	0.9926	0.9951	0.9605	0.9873
7.0	0.9923	0.9932	0.9490	0.9032	0.9923	0.9962	0.9184	0.9651
7.1	0.9829	0.9852	0.8844	0.8443	0.9837	0.9965	0.8544	0.9140
7.2	0.9863	0.9886	0.8973	0.8953	0.9846	0.9967	0.8906	0.9090
7.3	0.9954	0.9962	0.9593	0.9717	0.9920	0.9966	0.9682	0.9663
7.4	0.9918	0.9935	0.9057	0.9497	0.9929	0.9963	0.9393	0.8871
7.5	0.9895	0.9916	0.8098	0.9658	0.9882	0.9967	0.9492	0.7852
7.6	0.9949	0.9959	0.7959	0.9832	0.9867	0.9966	0.9771	0.9186
7.7	0.9944	0.9958	0.8266	0.9929	0.9863	0.9959	0.9879	0.9670
7.8	0.9964	0.9973	0.8865	0.9946	0.9881	0.9967	0.9957	0.9905
7.9	0.9979	0.9984	0.9222	0.9935	0.9879	0.9978	0.9940	0.9891

8.0	0.9973	0.9979	0.8999	0.9936	0.9830	0.9973	0.9893	0.9792
8.1	0.9978	0.9983	0.9199	0.9941	0.9854	0.9978	0.9938	0.9890
8.2	0.9954	0.9969	0.9242	0.9930	0.9882	0.9974	0.9917	0.9869
8.3	0.9967	0.9974	0.9364	0.9928	0.9902	0.9977	0.9955	0.9899
8.4	0.9978	0.9981	0.9437	0.9930	0.9926	0.9982	0.9965	0.9923
8.5	0.9970	0.9973	0.9374	0.9924	0.9907	0.9972	0.9963	0.9908
8.6	0.9973	0.9972	0.9532	0.9921	0.9918	0.9965	0.9968	0.9907
8.7	0.9973	0.9976	0.9760	0.9928	0.9948	0.9974	0.9965	0.9940
8.8	0.9957	0.9963	0.9701	0.9899	0.9939	0.9965	0.9960	0.9866
8.9	0.9953	0.9961	0.9676	0.9875	0.9930	0.9947	0.9962	0.9853
9.0	0.9928	0.9938	0.9475	0.9754	0.9901	0.9899	0.9944	0.9662
9.1	0.9940	0.9949	0.9672	0.9829	0.9900	0.9916	0.9882	0.9797
9.2	0.9823	0.9842	0.9302	0.9407	0.9852	0.9848	0.9590	0.9407
9.3	0.9735	0.9764	0.9211	0.9194	0.9899	0.9836	0.9386	0.9185
9.4	0.9777	0.9809	0.9584	0.9446	0.9942	0.9926	0.9460	0.9501
9.5	0.9838	0.9869	0.9774	0.9588	0.9955	0.9965	0.9577	0.9687
9.6	0.9855	0.9883	0.9800	0.9624	0.9962	0.9962	0.9613	0.9733
9.7	0.9897	0.9921	0.9869	0.9698	0.9962	0.9962	0.9745	0.9820
9.8	0.9946	0.9955	0.9887	0.9682	0.9970	0.9966	0.9821	0.9886
9.9	0.9945	0.9956	0.9844	0.9689	0.9967	0.9960	0.9835	0.9905
10.0	0.9941	0.9952	0.9773	0.9530	0.9939	0.9918	0.9766	0.9891
10.1	0.9959	0.9965	0.9705	0.9362	0.9941	0.9910	0.9810	0.9905
10.2	0.9956	0.9964	0.9735	0.9519	0.9956	0.9925	0.9854	0.9919
10.3	0.9955	0.9968	0.9766	0.9575	0.9973	0.9924	0.9854	0.9895
10.4	0.9962	0.9973	0.9816	0.9634	0.9976	0.9947	0.9871	0.9923
10.5	0.9968	0.9974	0.9797	0.9587	0.9976	0.9943	0.9827	0.9889
10.6	0.9953	0.9964	0.9780	0.9448	0.9985	0.9952	0.9820	0.9881
10.7	0.9962	0.9968	0.9826	0.9214	0.9982	0.9956	0.9867	0.9875
10.8	0.9962	0.9969	0.9863	0.9213	0.9983	0.9964	0.9902	0.9856
10.9	0.9949	0.9961	0.9822	0.8472	0.9981	0.9955	0.9894	0.9819
11.0	0.9949	0.9960	0.9761	0.7878	0.9978	0.9969	0.9902	0.9803
11.1	0.9951	0.9958	0.9781	0.7096	0.9977	0.9970	0.9923	0.9797
11.2	0.9958	0.9964	0.9781	0.6430	0.9982	0.9979	0.9891	0.9831
11.3	0.9957	0.9963	0.9738	0.5266	0.9974	0.9974	0.9849	0.9810
11.4	0.9966	0.9969	0.9787	0.4510	0.9977	0.9977	0.9884	0.9818
11.5	0.9967	0.9970	0.9761	0.3073	0.9972	0.9979	0.9887	0.9773
11.6	0.9947	0.9954	0.9813	0.1670	0.9962	0.9976	0.9860	0.9752
11.7	0.9958	0.9964	0.9841	0.1812	0.9972	0.9981	0.9878	0.9792
11.8	0.9939	0.9946	0.9779	0.1415	0.9963	0.9980	0.9872	0.9813
11.9	0.9947	0.9951	0.9805	0.2204	0.9955	0.9976	0.9783	0.9833
12.0	0.9955	0.9959	0.9810	0.3984	0.9965	0.9984	0.9774	0.9834
12.1	0.9942	0.9948	0.9854	0.4773	0.9957	0.9983	0.9769	0.9790
12.2	0.9924	0.9932	0.9860	0.4552	0.9943	0.9977	0.9694	0.9769
12.3	0.9920	0.9926	0.9744	0.4090	0.9939	0.9970	0.9427	0.9748
12.4	0.9914	0.9919	0.9774	0.4480	0.9940	0.9962	0.8961	0.9658
12.5	0.9911	0.9918	0.9779	0.5231	0.9927	0.9944	0.7827	0.9601
12.6	0.9918	0.9923	0.9809	0.6985	0.9914	0.9939	0.4603	0.9712
12.7	0.9896	0.9901	0.9758	0.6669	0.9886	0.9873	0.3127	0.9548
12.8	0.9864	0.9871	0.9734	0.7484	0.9826	0.9854	0.7370	0.9631
12.9	0.9848	0.9853	0.9779	0.7492	0.9828	0.9825	0.8597	0.9592
13.0	0.9869	0.9872	0.9679	0.7791	0.9863	0.9843	0.8917	0.9705
13.1	0.9840	0.9844	0.9678	0.8425	0.9838	0.9834	0.9419	0.9779
13.2	0.9794	0.9798	0.9605	0.8750	0.9735	0.9799	0.9420	0.9738
13.3	0.9717	0.9722	0.9406	0.8990	0.9596	0.9703	0.9327	0.9727
13.4	0.9715	0.9719	0.9151	0.8977	0.9421	0.9596	0.9218	0.9695
13.5	0.9713	0.9713	0.9186	0.8997	0.9428	0.9569	0.9258	0.9704
13.6	0.9752	0.9753	0.9007	0.9129	0.9237	0.9539	0.9209	0.9584
13.7	0.9818	0.9820	0.9335	0.9485	0.9404	0.9725	0.9505	0.9632
13.8	0.9808	0.9808	0.9323	0.9655	0.9384	0.9748	0.9522	0.9605
13.9	0.9628	0.9629	0.9157	0.9522	0.9196	0.9750	0.9421	0.9425
14.0	0.9444	0.9442	0.8678	0.9277	0.8875	0.9770	0.8990	0.9087
14.1	0.9542	0.9538	0.8836	0.9263	0.9107	0.9800	0.8984	0.9177
14.2	0.9498	0.9492	0.8676	0.9205	0.9035	0.9755	0.8817	0.9072
14.3	0.9667	0.9665	0.8921	0.9380	0.9290	0.9853	0.8903	0.9341
14.4	0.9629	0.9626	0.8687	0.9220	0.9170	0.9743	0.8419	0.9193
14.5	0.9795	0.9791	0.9056	0.9382	0.9472	0.9802	0.8444	0.9472
14.6	0.9842	0.9837	0.9204	0.9452	0.9578	0.9823	0.8344	0.9555
14.7	0.9892	0.9889	0.9351	0.9414	0.9681	0.9863	0.7004	0.9653
14.8	0.9904	0.9901	0.9266	0.9227	0.9636	0.9909	0.7951	0.9719
14.9	0.9940	0.9938	0.9402	0.9503	0.9731	0.9895	0.9212	0.9825
15.0	0.9957	0.9955	0.9556	0.9598	0.9816	0.9857	0.9372	0.9863
15.1	0.9953	0.9952	0.9625	0.9579	0.9819	0.9807	0.9264	0.9858
15.2	0.9967	0.9966	0.9677	0.9696	0.9856	0.9741	0.9283	0.9889
15.3	0.9974	0.9973	0.9703	0.9762	0.9877	0.9699	0.9388	0.9896
15.4	0.9976	0.9975	0.9755	0.9710	0.9885	0.9571	0.9378	0.9903
15.5	0.9980	0.9979	0.9803	0.9606	0.9909	0.9361	0.9052	0.9924
15.6	0.9987	0.9986	0.9856	0.9606	0.9936	0.9441	0.9211	0.9948
15.7	0.9984	0.9983	0.9844	0.9423	0.9915	0.9448	0.8853	0.9929
15.8	0.9975	0.9973	0.9781	0.9378	0.9834	0.9533	0.8682	0.9873
15.9	0.9987	0.9986	0.9852	0.9501	0.9908	0.9741	0.8709	0.9905
16.0	0.9989	0.9988	0.9862	0.9338	0.9932	0.9822	0.8441	0.9900
16.1	0.9986	0.9985	0.9826	0.9246	0.9878	0.9900	0.7957	0.9852
16.2	0.9989	0.9988	0.9827	0.9199	0.9842	0.9892	0.7853	0.9821
16.3	0.9990	0.9989	0.9825	0.9311	0.9799	0.9938	0.8164	0.9795
16.4	0.9993	0.9992	0.9844	0.9439	0.9822	0.9943	0.8262	0.9816
16.5	0.9993	0.9992	0.9782	0.9056	0.9868	0.9885	0.7703	0.9859

16.6	0.9993	0.9992	0.9782	0.9086	0.9913	0.9921	0.7620	0.9844
16.7	0.9994	0.9993	0.9802	0.9315	0.9898	0.9929	0.7036	0.9871
16.8	0.9993	0.9993	0.9817	0.9332	0.9859	0.9870	0.2050	0.9818
16.9	0.9991	0.9990	0.9757	0.9367	0.9802	0.9823	0.4336	0.9732
17.0	0.9991	0.9991	0.9747	0.9119	0.9801	0.9881	0.6635	0.9677
17.1	0.9994	0.9993	0.9771	0.9037	0.9838	0.9811	0.6578	0.9598
17.2	0.9994	0.9993	0.9829	0.9351	0.9867	0.9920	0.7668	0.9797
17.3	0.9993	0.9991	0.9809	0.9173	0.9817	0.9889	0.7037	0.9690
17.4	0.9992	0.9991	0.9725	0.9083	0.9861	0.9942	0.8180	0.9629
17.5	0.9993	0.9993	0.9745	0.9209	0.9869	0.9940	0.8060	0.9632
17.6	0.9993	0.9992	0.9717	0.9001	0.9851	0.9928	0.8005	0.9473
17.7	0.9992	0.9992	0.9721	0.8973	0.9871	0.9882	0.8372	0.9257
17.8	0.9993	0.9993	0.9723	0.9191	0.9844	0.9852	0.8411	0.9146
17.9	0.9991	0.9992	0.9643	0.8932	0.9766	0.9813	0.7581	0.8894
18.0	0.9991	0.9991	0.9678	0.8655	0.9706	0.9828	0.6904	0.8552
18.1	0.9992	0.9993	0.9669	0.8781	0.9687	0.9843	0.8069	0.7930
18.2	0.9992	0.9992	0.9628	0.8765	0.9623	0.9843	0.9069	0.7433
18.3	0.9992	0.9991	0.9528	0.8878	0.9587	0.9827	0.9098	0.6843
18.4	0.9993	0.9992	0.9556	0.8690	0.9583	0.9761	0.9058	0.6329
18.5	0.9992	0.9992	0.9681	0.8516	0.9601	0.9793	0.8993	0.5730
18.6	0.9991	0.9990	0.9602	0.8521	0.9551	0.9816	0.8203	0.6027
18.7	0.9988	0.9988	0.9265	0.7896	0.9352	0.9713	0.6922	0.5820
18.8	0.9992	0.9993	0.9538	0.8494	0.9502	0.9767	0.8384	0.6856
18.9	0.9993	0.9993	0.9608	0.8495	0.9394	0.9755	0.8465	0.6499
19.0	0.9992	0.9991	0.9425	0.8165	0.9279	0.9651	0.8959	0.6079
19.1	0.9990	0.9988	0.9380	0.8018	0.9344	0.9620	0.9185	0.6162
19.2	0.9985	0.9986	0.9263	0.7794	0.9066	0.9430	0.8994	0.4416
19.3	0.9988	0.9988	0.9267	0.7665	0.9102	0.9391	0.9076	0.3350
19.4	0.9988	0.9987	0.9232	0.7277	0.8978	0.9303	0.9128	0.3771
19.5	0.9988	0.9986	0.9332	0.7307	0.9057	0.9298	0.9185	0.4432
19.6	0.9989	0.9989	0.9348	0.6725	0.8981	0.9346	0.9383	0.5783
19.7	0.9987	0.9989	0.9211	0.6149	0.8808	0.9081	0.8893	0.6487
19.8	0.9989	0.9990	0.9351	0.6105	0.8802	0.8983	0.9207	0.6659
19.9	0.9991	0.9994	0.9443	0.6061	0.8928	0.9209	0.9268	0.7506
20.0	0.9992	0.9991	0.9365	0.5156	0.8779	0.8986	0.9298	0.7801
20.1	0.9990	0.9991	0.9371	0.4199	0.8411	0.8648	0.9270	0.8457
20.2	0.9987	0.9989	0.9244	0.3252	0.7676	0.8252	0.9060	0.8294
20.3	0.9989	0.9990	0.9348	0.3596	0.7737	0.8390	0.9027	0.8657
20.4	0.9989	0.9990	0.9350	0.4411	0.7196	0.7850	0.9000	0.8721
20.5	0.9986	0.9989	0.9277	0.4929	0.6555	0.7382	0.8905	0.8309
20.6	0.9984	0.9989	0.9208	0.5019	0.6464	0.5956	0.8705	0.7997
20.7	0.9990	0.9993	0.9443	0.5006	0.6472	0.5808	0.8837	0.8659
20.8	0.9990	0.9994	0.9453	0.5883	0.6476	0.6106	0.8965	0.9031
20.9	0.9983	0.9989	0.9061	0.4742	0.5734	0.4366	0.8312	0.8566
21.0	0.9980	0.9987	0.8813	0.5197	0.3788	0.2999	0.7599	0.7991
21.1	0.9978	0.9990	0.8863	0.4821	0.4107	0.2225	0.7794	0.7838
21.2	0.9977	0.9985	0.8852	0.4579	0.3692	0.3636	0.7541	0.8100
21.3	0.9986	0.9987	0.8973	0.5932	0.4347	0.4861	0.7799	0.8728
21.4	0.9981	0.9989	0.9172	0.6638	0.3926	0.5179	0.8065	0.8629
21.5	0.9977	0.9990	0.9151	0.5970	0.3642	0.4913	0.7836	0.8399
21.6	0.9982	0.9989	0.9167	0.5981	0.4085	0.6015	0.7625	0.8363
21.7	0.9984	0.9992	0.9303	0.6622	0.5217	0.7542	0.7750	0.8813
21.8	0.9976	0.9989	0.8880	0.6956	0.4815	0.7396	0.6863	0.8800
21.9	0.9974	0.9984	0.8305	0.6742	0.5832	0.7655	0.5203	0.9032
22.0	0.9968	0.9986	0.8222	0.6406	0.6624	0.7321	0.5777	0.9126
22.1	0.9961	0.9986	0.8214	0.5550	0.6290	0.7755	0.5154	0.9004
22.2	0.9970	0.9988	0.8472	0.7191	0.7408	0.8605	0.5106	0.9315
22.3	0.9966	0.9986	0.8318	0.6641	0.7327	0.8742	0.5420	0.9326
22.4	0.9973	0.9987	0.8633	0.7089	0.6973	0.8010	0.4287	0.9269
22.5	0.9973	0.9986	0.8566	0.7578	0.7304	0.7886	0.3022	0.9260
22.6	0.9953	0.9983	0.8278	0.6730	0.7034	0.8075	0.2546	0.9325
22.7	0.9955	0.9984	0.8329	0.6686	0.7190	0.7801	0.2920	0.9292
22.8	0.9960	0.9988	0.8518	0.7302	0.8650	0.8392	0.3943	0.9627
22.9	0.9965	0.9989	0.8621	0.7292	0.9038	0.8244	0.3832	0.9669
23.0	0.9952	0.9985	0.8041	0.7151	0.8847	0.8378	0.2128	0.9640
23.1	0.9934	0.9981	0.7887	0.7302	0.8948	0.8616	0.2718	0.9691
23.2	0.9949	0.9985	0.8324	0.7533	0.8740	0.9168	0.2290	0.9715
23.3	0.9955	0.9987	0.8514	0.7595	0.9009	0.9306	0.2934	0.9721
23.4	0.9939	0.9984	0.7687	0.6783	0.8811	0.9237	0.0937	0.9707
23.5	0.9931	0.9984	0.7397	0.7221	0.8696	0.9386	0.0933	0.9716
23.6	0.9926	0.9980	0.7387	0.7390	0.8406	0.9487	0.0155	0.9622
23.7	0.9942	0.9982	0.7417	0.7853	0.8583	0.9668	0.1152	0.9693
23.8	0.9941	0.9986	0.7536	0.7035	0.9001	0.9660	0.3213	0.9729
23.9	0.9928	0.9987	0.7512	0.7013	0.9022	0.9679	0.4462	0.9725
24.0	0.9909	0.9980	0.6474	0.7371	0.8672	0.9703	0.5871	0.9677
24.1	0.9894	0.9980	0.6696	0.7442	0.9218	0.9746	0.7057	0.9704
24.2	0.9831	0.9967	0.5920	0.6849	0.8950	0.9694	0.6733	0.9638
24.3	0.9860	0.9973	0.4102	0.6991	0.9078	0.9769	0.7692	0.9730
24.4	0.9857	0.9975	0.3231	0.6461	0.9222	0.9820	0.7931	0.9780
24.5	0.9877	0.9974	0.4017	0.7722	0.9232	0.9899	0.8078	0.9812
24.6	0.9831	0.9973	0.3535	0.7388	0.9219	0.9857	0.8031	0.9772
24.7	0.9832	0.9978	0.2323	0.7653	0.9291	0.9825	0.8691	0.9788
24.8	0.9874	0.9983	0.1824	0.8029	0.9370	0.9906	0.9051	0.9875
24.9	0.9903	0.9976	0.1480	0.7948	0.9396	0.9893	0.9117	0.9859
25.0	0.9903	0.9976	0.0994	0.8049	0.9596	0.9923	0.9305	0.9883
25.1	0.9836	0.9966	0.1142	0.7623	0.9438	0.9923	0.9122	0.9874

25.2	0.9793	0.9966	0.0790	0.8093	0.9497	0.9936	0.9199	0.9903
25.3	0.9791	0.9960	0.1187	0.7997	0.9525	0.9927	0.9286	0.9895
25.4	0.9783	0.9955	0.1231	0.8212	0.9469	0.9933	0.9250	0.9897
25.5	0.9766	0.9948	0.1275	0.8385	0.9394	0.9933	0.9254	0.9916
25.6	0.9762	0.9944	0.2420	0.8349	0.9436	0.9921	0.9454	0.9912
25.7	0.9675	0.9922	0.2621	0.6969	0.9202	0.9905	0.9418	0.9902
25.8	0.9636	0.9942	0.3179	0.7814	0.9332	0.9941	0.9628	0.9928
25.9	0.9638	0.9940	0.4229	0.8340	0.9456	0.9952	0.9594	0.9918
26.0	0.9643	0.9946	0.5211	0.7656	0.9524	0.9927	0.9517	0.9931
26.1	0.9642	0.9920	0.5068	0.7900	0.9543	0.9945	0.9549	0.9943
26.2	0.9521	0.9894	0.5093	0.8402	0.9463	0.9943	0.9620	0.9932
26.3	0.9515	0.9893	0.5732	0.8083	0.9438	0.9904	0.9660	0.9932
26.4	0.9537	0.9899	0.6785	0.7641	0.9508	0.9927	0.9694	0.9937
26.5	0.9532	0.9893	0.7143	0.7774	0.9607	0.9927	0.9701	0.9941
26.6	0.9421	0.9860	0.7455	0.7968	0.9577	0.9930	0.9715	0.9956
26.7	0.9329	0.9851	0.7648	0.8129	0.9503	0.9920	0.9684	0.9961
26.8	0.9341	0.9833	0.7469	0.8569	0.9571	0.9908	0.9698	0.9958
26.9	0.9134	0.9779	0.7133	0.8271	0.9490	0.9871	0.9622	0.9940
27.0	0.8828	0.9639	0.7456	0.8029	0.9535	0.9871	0.9655	0.9940
27.1	0.8707	0.9599	0.7904	0.7766	0.9498	0.9852	0.9623	0.9940
27.2	0.8882	0.9576	0.7908	0.7376	0.9498	0.9877	0.9640	0.9941
27.3	0.8716	0.9474	0.8195	0.7570	0.9466	0.9882	0.9637	0.9928
27.4	0.8614	0.9501	0.8580	0.7959	0.9507	0.9863	0.9730	0.9939
27.5	0.8368	0.9379	0.8101	0.7553	0.9610	0.9876	0.9733	0.9933
27.6	0.7954	0.8978	0.8298	0.7463	0.9493	0.9899	0.9712	0.9926
27.7	0.7253	0.8596	0.8598	0.7248	0.9405	0.9919	0.9742	0.9935
27.8	0.7705	0.8484	0.8413	0.7797	0.9423	0.9918	0.9767	0.9944
27.9	0.7876	0.8333	0.7789	0.8236	0.9463	0.9905	0.9741	0.9927
28.0	0.7453	0.7691	0.8127	0.8236	0.9468	0.9913	0.9732	0.9943
28.1	0.7308	0.7631	0.8883	0.8574	0.9622	0.9948	0.9783	0.9953
28.2	0.7844	0.7383	0.8990	0.8838	0.9673	0.9937	0.9776	0.9946
28.3	0.7075	0.6570	0.8960	0.8888	0.9766	0.9944	0.9785	0.9948
28.4	0.6426	0.6194	0.9180	0.8284	0.9699	0.9944	0.9782	0.9952
28.5	0.5922	0.5335	0.9041	0.7973	0.9671	0.9949	0.9805	0.9946
28.6	0.4980	0.5323	0.8923	0.7880	0.9721	0.9942	0.9791	0.9924
28.7	0.4528	0.4397	0.8475	0.8094	0.9552	0.9886	0.9696	0.9890
28.8	0.2637	0.4570	0.8416	0.8044	0.9571	0.9879	0.9701	0.9891
28.9	0.4042	0.5312	0.8705	0.8417	0.9614	0.9899	0.9789	0.9921
29.0	0.4214	0.5723	0.8871	0.8565	0.9675	0.9900	0.9835	0.9930
29.1	0.3416	0.7344	0.9218	0.8362	0.9712	0.9924	0.9831	0.9935
29.2	0.2295	0.7641	0.9139	0.7784	0.9667	0.9925	0.9855	0.9936
29.3	0.2087	0.7542	0.9053	0.8186	0.9629	0.9898	0.9812	0.9907
29.4	0.2909	0.7044	0.8946	0.8281	0.9545	0.9865	0.9769	0.9890
29.5	0.3599	0.8126	0.9289	0.8729	0.9631	0.9917	0.9837	0.9923
29.6	0.2109	0.7973	0.9061	0.8643	0.9605	0.9907	0.9819	0.9906
29.7	0.1979	0.7916	0.8994	0.8777	0.9566	0.9880	0.9772	0.9880
29.8	0.2877	0.8315	0.9146	0.8670	0.9596	0.9917	0.9750	0.9889
29.9	0.2795	0.7968	0.8826	0.8115	0.9362	0.9884	0.9598	0.9844
30.0	0.2731	0.7732	0.8613	0.7893	0.9350	0.9830	0.9672	0.9828
30.1	0.4664	0.8547	0.9128	0.8579	0.9544	0.9881	0.9780	0.9862
30.2	0.3513	0.8486	0.9065	0.8784	0.9571	0.9868	0.9765	0.9858
30.3	0.2523	0.8487	0.8986	0.8638	0.9565	0.9835	0.9791	0.9886
30.4	0.4424	0.8788	0.9086	0.8838	0.9641	0.9851	0.9790	0.9883
30.5	0.5867	0.8791	0.9124	0.9046	0.9725	0.9867	0.9776	0.9860
30.6	0.5306	0.8818	0.9085	0.8992	0.9724	0.9804	0.9730	0.9841
30.7	0.4648	0.8666	0.8821	0.9225	0.9713	0.9685	0.9652	0.9800
30.8	0.4858	0.8641	0.8781	0.9204	0.9722	0.9767	0.9689	0.9801
30.9	0.4577	0.8629	0.8749	0.9264	0.9696	0.9761	0.9674	0.9786
31.0	0.5136	0.8624	0.8778	0.9191	0.9695	0.9776	0.9642	0.9758
31.1	0.5620	0.8709	0.8766	0.9236	0.9725	0.9693	0.9602	0.9745
31.2	0.5778	0.8709	0.8742	0.8960	0.9678	0.9572	0.9521	0.9694
31.3	0.5779	0.8745	0.8757	0.9007	0.9657	0.9536	0.9542	0.9703
31.4	0.6228	0.8602	0.8609	0.9266	0.9652	0.9349	0.9448	0.9652
31.5	0.6660	0.8880	0.8874	0.9215	0.9662	0.9563	0.9527	0.9687
31.6	0.6399	0.8812	0.8789	0.9191	0.9617	0.9621	0.9477	0.9642
31.7	0.6260	0.8641	0.8590	0.9176	0.9535	0.9540	0.9352	0.9540
31.8	0.7213	0.9013	0.8965	0.9426	0.9617	0.9643	0.9480	0.9643
31.9	0.7454	0.8820	0.8731	0.9135	0.9441	0.9461	0.9294	0.9501
32.0	0.6314	0.8283	0.8144	0.8787	0.9163	0.9237	0.9027	0.9252
32.1	0.5634	0.8269	0.8128	0.8922	0.9295	0.9336	0.9096	0.9278
32.2	0.5834	0.8423	0.8314	0.8843	0.9331	0.9392	0.9178	0.9306
32.3	0.5848	0.8242	0.8117	0.8721	0.9192	0.9134	0.9057	0.9175
32.4	0.6289	0.8495	0.8418	0.8672	0.9223	0.9237	0.9091	0.9237
32.5	0.6757	0.8619	0.8550	0.8514	0.9228	0.9275	0.9111	0.9239
32.6	0.7058	0.8828	0.8764	0.8007	0.9258	0.9288	0.9183	0.9288
32.7	0.6259	0.8533	0.8476	0.7421	0.9022	0.9073	0.8946	0.9055
32.8	0.7344	0.8858	0.8810	0.7394	0.9159	0.9183	0.9122	0.9209
32.9	0.6522	0.8527	0.8467	0.7429	0.8932	0.8922	0.8860	0.8947
33.0	0.6369	0.8523	0.8481	0.8558	0.8859	0.8947	0.8762	0.8877
33.1	0.6366	0.8547	0.8535	0.8621	0.8867	0.8886	0.8843	0.8886
33.2	0.6574	0.8512	0.8505	0.8969	0.8754	0.8547	0.8704	0.8708
33.3	0.7364	0.9038	0.9049	0.9275	0.9087	0.8996	0.9116	0.9102
33.4	0.6614	0.8707	0.8713	0.8825	0.8655	0.8399	0.8687	0.8671
33.5	0.6828	0.8983	0.9025	0.9117	0.8907	0.8659	0.8973	0.8912
33.6	0.6733	0.9070	0.9136	0.9175	0.9011	0.8713	0.9081	0.9005
33.7	0.6696	0.9170	0.9240	0.9150	0.9079	0.8827	0.9162	0.9061

33.8	0.5296	0.8598	0.8727	0.8752	0.8326	0.7892	0.8495	0.8294
33.9	0.4723	0.8554	0.8730	0.8767	0.8289	0.7632	0.8506	0.8178
34.0	0.5126	0.8841	0.8966	0.8676	0.8307	0.7579	0.8600	0.8218
34.1	0.5028	0.9064	0.9185	0.8958	0.8605	0.8235	0.8892	0.8483
34.2	0.3891	0.8846	0.8993	0.8612	0.8212	0.8145	0.8577	0.8034
34.3	0.3280	0.8653	0.8887	0.8518	0.8024	0.7682	0.8414	0.7733
34.4	0.3555	0.8808	0.9050	0.8848	0.8109	0.8002	0.8540	0.7837
34.5	0.2007	0.8790	0.9080	0.8730	0.7894	0.8128	0.8370	0.7553
34.6	0.1479	0.8774	0.9118	0.8603	0.7667	0.8632	0.8244	0.7282
34.7	0.0816	0.8776	0.9150	0.8789	0.7337	0.9073	0.8129	0.6931
34.8	0.2313	0.8820	0.9185	0.8841	0.6432	0.8986	0.7589	0.5981
34.9	0.3111	0.9080	0.9394	0.9211	0.6730	0.9221	0.8085	0.6533
35.0	0.1564	0.8947	0.9316	0.8957	0.6186	0.9128	0.7792	0.6067
35.1	0.2109	0.8781	0.9269	0.8870	0.5164	0.8992	0.7272	0.5018
35.2	0.2652	0.8912	0.9373	0.9042	0.4890	0.9160	0.7423	0.4809
35.3	0.3098	0.8777	0.9308	0.8958	0.3830	0.9246	0.6853	0.3769
35.4	0.2545	0.8651	0.9259	0.9010	0.3390	0.9217	0.6448	0.3401
35.5	0.2396	0.8684	0.9334	0.9026	0.4551	0.9400	0.6917	0.4451
35.6	0.3213	0.8216	0.9091	0.8659	0.2733	0.9292	0.5108	0.2302
35.7	0.3620	0.8206	0.9074	0.8681	0.3518	0.8998	0.5383	0.3080
35.8	0.3757	0.7934	0.8934	0.8522	0.4452	0.9063	0.5018	0.3917
35.9	0.4242	0.8479	0.9271	0.9015	0.5922	0.9390	0.6183	0.5269
36.0	0.5275	0.8367	0.9388	0.9102	0.6935	0.9576	0.7002	0.6254
36.1	0.5225	0.8228	0.9360	0.9136	0.6725	0.9596	0.6704	0.5985
36.2	0.5504	0.7752	0.9271	0.8949	0.6802	0.9551	0.6094	0.6225
36.3	0.6284	0.7451	0.9231	0.8761	0.6886	0.9475	0.6096	0.6480
36.4	0.6769	0.7413	0.9303	0.9110	0.7619	0.9635	0.6953	0.7266
36.5	0.7021	0.7872	0.9512	0.9359	0.8090	0.9699	0.7701	0.7901
36.6	0.6911	0.7348	0.9423	0.9270	0.8211	0.9574	0.7755	0.7952
36.7	0.6481	0.6947	0.9393	0.9237	0.8241	0.9629	0.7854	0.7883
36.8	0.6377	0.6878	0.9352	0.9076	0.8337	0.9647	0.8162	0.8036
36.9	0.7373	0.6096	0.9347	0.9133	0.8436	0.9597	0.8153	0.8232
37.0	0.7724	0.5308	0.9358	0.9320	0.8931	0.9675	0.8876	0.8779
37.1	0.7794	0.4901	0.9344	0.9426	0.9176	0.9753	0.9202	0.9045
37.2	0.8221	0.4961	0.9263	0.9485	0.9217	0.9659	0.9206	0.9155
37.3	0.7860	0.5103	0.9278	0.9441	0.9158	0.9631	0.9125	0.9086
37.4	0.6970	0.3266	0.9103	0.9189	0.8849	0.9363	0.8967	0.8750
37.5	0.7824	0.2825	0.9287	0.9486	0.9216	0.9495	0.9311	0.9160
37.6	0.8632	0.3957	0.9405	0.9710	0.9484	0.9641	0.9509	0.9447
37.7	0.8334	0.4969	0.9385	0.9614	0.9465	0.9517	0.9498	0.9476
37.8	0.8581	0.4999	0.9327	0.9680	0.9461	0.9484	0.9473	0.9458
37.9	0.8530	0.5325	0.9378	0.9665	0.9498	0.9385	0.9569	0.9460
38.0	0.8243	0.6030	0.9381	0.9711	0.9594	0.9286	0.9641	0.9588
38.1	0.8070	0.5026	0.9234	0.9649	0.9494	0.9136	0.9516	0.9539
38.2	0.8649	0.7310	0.9494	0.9755	0.9731	0.9308	0.9745	0.9707
38.3	0.8644	0.7247	0.9522	0.9770	0.9684	0.8980	0.9718	0.9680
38.4	0.8619	0.7741	0.9501	0.9792	0.9644	0.8601	0.9673	0.9663
38.5	0.8841	0.7822	0.9441	0.9763	0.9614	0.8393	0.9659	0.9665
38.6	0.8871	0.7549	0.9318	0.9746	0.9559	0.7751	0.9601	0.9632
38.7	0.8950	0.8030	0.9477	0.9798	0.9710	0.7806	0.9782	0.9773
38.8	0.8965	0.8236	0.9323	0.9803	0.9670	0.5194	0.9754	0.9733
38.9	0.8887	0.8519	0.9383	0.9817	0.9693	0.1301	0.9711	0.9751
39.0	0.8960	0.8946	0.9431	0.9791	0.9689	0.0020	0.9706	0.9744
39.1	0.8997	0.9158	0.9497	0.9827	0.9815	0.2428	0.9804	0.9837
39.2	0.9002	0.9139	0.9395	0.9830	0.9822	0.5436	0.9804	0.9843
39.3	0.9057	0.9069	0.9422	0.9808	0.9815	0.7209	0.9801	0.9832
39.4	0.8939	0.9147	0.9437	0.9781	0.9846	0.8340	0.9847	0.9848
39.5	0.8987	0.9275	0.9474	0.9795	0.9842	0.8792	0.9806	0.9831
39.6	0.9301	0.9463	0.9478	0.9825	0.9857	0.9086	0.9806	0.9847
39.7	0.9141	0.9537	0.9599	0.9806	0.9885	0.8937	0.9865	0.9872
39.8	0.9373	0.9560	0.9545	0.9845	0.9905	0.9213	0.9852	0.9873
39.9	0.9259	0.9644	0.9607	0.9870	0.9918	0.9604	0.9834	0.9888
40.0	0.9215	0.9656	0.9520	0.9878	0.9912	0.9590	0.9873	0.9902
40.1	0.9124	0.9583	0.9370	0.9831	0.9888	0.9616	0.9809	0.9887
40.2	0.9263	0.9657	0.9352	0.9854	0.9885	0.9598	0.9802	0.9864
40.3	0.9319	0.9726	0.9552	0.9855	0.9904	0.9690	0.9864	0.9865
40.4	0.9140	0.9671	0.9495	0.9783	0.9893	0.9649	0.9805	0.9850
40.5	0.8855	0.9491	0.9265	0.9665	0.9878	0.9653	0.9786	0.9853
40.6	0.9233	0.9604	0.9257	0.9746	0.9894	0.9705	0.9756	0.9872
40.7	0.9158	0.9723	0.9157	0.9705	0.9900	0.9691	0.9694	0.9876
40.8	0.9175	0.9780	0.9371	0.9636	0.9907	0.9755	0.9710	0.9874
40.9	0.9354	0.9781	0.9442	0.9698	0.9925	0.9805	0.9730	0.9881
41.0	0.9326	0.9813	0.9447	0.9716	0.9900	0.9828	0.9695	0.9835
41.1	0.9325	0.9785	0.9446	0.9638	0.9888	0.9801	0.9637	0.9845
41.2	0.9178	0.9742	0.9369	0.9512	0.9904	0.9771	0.9567	0.9894
41.3	0.9334	0.9761	0.9307	0.9495	0.9899	0.9794	0.9498	0.9891
41.4	0.9382	0.9762	0.9218	0.9481	0.9885	0.9782	0.9370	0.9860
41.5	0.9396	0.9778	0.9171	0.9449	0.9901	0.9804	0.9330	0.9901
41.6	0.9321	0.9776	0.9197	0.9292	0.9899	0.9776	0.9029	0.9891
41.7	0.9260	0.9835	0.9416	0.9371	0.9912	0.9803	0.9016	0.9886
41.8	0.9285	0.9802	0.9344	0.9374	0.9885	0.9813	0.8751	0.9883
41.9	0.9558	0.9871	0.9440	0.9501	0.9933	0.9871	0.8594	0.9914
42.0	0.9609	0.9865	0.9283	0.9492	0.9923	0.9849	0.8467	0.9891
42.1	0.9683	0.9881	0.9206	0.9619	0.9919	0.9881	0.8971	0.9893
42.2	0.9641	0.9900	0.9210	0.9520	0.9929	0.9867	0.8419	0.9909
42.3	0.9555	0.9890	0.9192	0.9430	0.9921	0.9838	0.7227	0.9903

42.4	0.9383	0.9843	0.9022	0.9248	0.9891	0.9818	0.5482	0.9856
42.5	0.9526	0.9855	0.9152	0.9344	0.9903	0.9854	0.6299	0.9874
42.6	0.9581	0.9885	0.9081	0.9383	0.9923	0.9837	0.7077	0.9892
42.7	0.9515	0.9895	0.9222	0.9282	0.9924	0.9814	0.6528	0.9885
42.8	0.9484	0.9857	0.9183	0.9056	0.9904	0.9810	0.5657	0.9878
42.9	0.9380	0.9781	0.8467	0.8964	0.9865	0.9765	0.3230	0.9862
43.0	0.9480	0.9859	0.8573	0.9313	0.9922	0.9835	0.4241	0.9923
43.1	0.9616	0.9922	0.8802	0.9455	0.9940	0.9887	0.4879	0.9927
43.2	0.9591	0.9908	0.8991	0.9291	0.9944	0.9858	0.4905	0.9919
43.3	0.9618	0.9901	0.8738	0.9305	0.9941	0.9849	0.6572	0.9912
43.4	0.9651	0.9894	0.9030	0.9115	0.9935	0.9901	0.6963	0.9927
43.5	0.9584	0.9849	0.8926	0.9117	0.9908	0.9874	0.7427	0.9894
43.6	0.9704	0.9918	0.9071	0.9415	0.9939	0.9893	0.8152	0.9912
43.7	0.9629	0.9898	0.8919	0.9214	0.9924	0.9890	0.7997	0.9902
43.8	0.9527	0.9874	0.8829	0.8829	0.9900	0.9856	0.8033	0.9879
43.9	0.9447	0.9852	0.8604	0.8590	0.9897	0.9825	0.8537	0.9889
44.0	0.9467	0.9882	0.8936	0.8227	0.9923	0.9839	0.8548	0.9908
44.1	0.9540	0.9879	0.8874	0.8498	0.9934	0.9885	0.8921	0.9910
44.2	0.9708	0.9891	0.8485	0.9094	0.9936	0.9902	0.9313	0.9922
44.3	0.9636	0.9878	0.8391	0.8968	0.9917	0.9891	0.9265	0.9906
44.4	0.9647	0.9888	0.8367	0.9132	0.9919	0.9887	0.9251	0.9882
44.5	0.9636	0.9899	0.8069	0.9159	0.9925	0.9909	0.9187	0.9879
44.6	0.9728	0.9903	0.7994	0.9225	0.9900	0.9892	0.9320	0.9850
44.7	0.9796	0.9922	0.8217	0.9383	0.9914	0.9903	0.9522	0.9878
44.8	0.9564	0.9879	0.7875	0.9005	0.9913	0.9853	0.9326	0.9900
44.9	0.9543	0.9881	0.7765	0.8720	0.9904	0.9843	0.9184	0.9894
45.0	0.9662	0.9908	0.7719	0.8882	0.9904	0.9889	0.9182	0.9877
45.1	0.9692	0.9904	0.7910	0.9089	0.9915	0.9937	0.9331	0.9900
45.2	0.9727	0.9920	0.7880	0.9120	0.9928	0.9918	0.9538	0.9905
45.3	0.9767	0.9929	0.8007	0.9300	0.9915	0.9920	0.9611	0.9886
45.4	0.9785	0.9933	0.6944	0.9252	0.9898	0.9890	0.9466	0.9846
45.5	0.9793	0.9935	0.7312	0.9056	0.9915	0.9915	0.9487	0.9871
45.6	0.9764	0.9929	0.7760	0.9441	0.9919	0.9920	0.9601	0.9866
45.7	0.9624	0.9906	0.7370	0.9020	0.9914	0.9899	0.9532	0.9827
45.8	0.9654	0.9908	0.6839	0.9072	0.9899	0.9908	0.9500	0.9831
45.9	0.9619	0.9875	0.6908	0.9199	0.9867	0.9898	0.9363	0.9828
46.0	0.9751	0.9924	0.6774	0.9353	0.9895	0.9937	0.9437	0.9846
46.1	0.9722	0.9910	0.5733	0.9361	0.9866	0.9927	0.9402	0.9769
46.2	0.9746	0.9919	0.5271	0.9305	0.9890	0.9922	0.9502	0.9743
46.3	0.9799	0.9935	0.5830	0.9269	0.9908	0.9917	0.9691	0.9784
46.4	0.9784	0.9924	0.5674	0.9374	0.9887	0.9904	0.9711	0.9799
46.5	0.9701	0.9927	0.5067	0.9119	0.9903	0.9910	0.9654	0.9863
46.6	0.9738	0.9939	0.4630	0.9130	0.9904	0.9941	0.9769	0.9867
46.7	0.9800	0.9946	0.4371	0.9102	0.9902	0.9946	0.9781	0.9862
46.8	0.9832	0.9947	0.4202	0.9140	0.9884	0.9935	0.9766	0.9848
46.9	0.9813	0.9940	0.4340	0.9309	0.9871	0.9912	0.9763	0.9854
47.0	0.9787	0.9946	0.3751	0.9396	0.9914	0.9905	0.9760	0.9878
47.1	0.9753	0.9933	0.2952	0.9368	0.9873	0.9896	0.9668	0.9808
47.2	0.9714	0.9929	0.1644	0.9131	0.9876	0.9887	0.9697	0.9824
47.3	0.9786	0.9941	0.1382	0.9115	0.9900	0.9933	0.9779	0.9849
47.4	0.9684	0.9917	0.1198	0.8758	0.9859	0.9924	0.9759	0.9810
47.5	0.9775	0.9938	0.1866	0.8974	0.9845	0.9933	0.9771	0.9826
47.6	0.9734	0.9929	0.2289	0.9146	0.9864	0.9927	0.9776	0.9846
47.7	0.9767	0.9934	0.4010	0.9022	0.9895	0.9917	0.9811	0.9880
47.8	0.9801	0.9938	0.2423	0.8964	0.9860	0.9924	0.9823	0.9810
47.9	0.9780	0.9944	0.1475	0.9161	0.9849	0.9905	0.9818	0.9737
48.0	0.9783	0.9938	0.0390	0.9395	0.9814	0.9909	0.9777	0.9681
48.1	0.9787	0.9940	0.1214	0.9287	0.9821	0.9919	0.9797	0.9720
48.2	0.9825	0.9951	0.2325	0.9218	0.9857	0.9920	0.9845	0.9814
48.3	0.9853	0.9955	0.2672	0.9305	0.9876	0.9901	0.9840	0.9837
48.4	0.9822	0.9938	0.1092	0.9219	0.9852	0.9921	0.9833	0.9807
48.5	0.9772	0.9938	0.1265	0.8931	0.9821	0.9904	0.9843	0.9778
48.6	0.9779	0.9947	0.0689	0.8915	0.9828	0.9896	0.9833	0.9773
48.7	0.9715	0.9930	0.0376	0.8945	0.9791	0.9835	0.9769	0.9699
48.8	0.9763	0.9941	0.0664	0.9060	0.9810	0.9801	0.9802	0.9694
48.9	0.9816	0.9950	0.0221	0.9291	0.9804	0.9822	0.9811	0.9663
49.0	0.9821	0.9943	0.0346	0.9135	0.9796	0.9860	0.9824	0.9684
49.1	0.9821	0.9949	0.0627	0.9227	0.9837	0.9823	0.9842	0.9762
49.2	0.9831	0.9945	0.0307	0.9197	0.9783	0.9757	0.9801	0.9711
49.3	0.9851	0.9948	0.0919	0.9299	0.9786	0.9792	0.9838	0.9732
49.4	0.9813	0.9950	0.2455	0.9223	0.9716	0.9701	0.9760	0.9580
49.5	0.9862	0.9961	0.2698	0.9294	0.9785	0.9777	0.9807	0.9663
49.6	0.9793	0.9950	0.2846	0.9062	0.9790	0.9791	0.9814	0.9639
49.7	0.9823	0.9943	0.1753	0.9055	0.9735	0.9774	0.9785	0.9588
49.8	0.9763	0.9937	0.1968	0.8968	0.9734	0.9773	0.9789	0.9524
49.9	0.9722	0.9931	0.1345	0.9040	0.9766	0.9678	0.9781	0.9319
50.0	0.9817	0.9944	0.2270	0.9231	0.9778	0.9756	0.9810	0.9485
50.1	0.9854	0.9954	0.1435	0.9098	0.9806	0.9746	0.9839	0.9676
50.2	0.9870	0.9962	0.1892	0.9106	0.9827	0.9799	0.9839	0.9728
50.3	0.9842	0.9950	0.2117	0.9182	0.9787	0.9734	0.9805	0.9664
50.4	0.9820	0.9952	0.4005	0.9137	0.9814	0.9748	0.9837	0.9639
50.5	0.9818	0.9947	0.4499	0.9151	0.9839	0.9689	0.9851	0.9686
50.6	0.9797	0.9951	0.4141	0.9246	0.9826	0.9678	0.9843	0.9554
50.7	0.9860	0.9963	0.4520	0.9405	0.9835	0.9716	0.9864	0.9427
50.8	0.9889	0.9964	0.6183	0.9509	0.9843	0.9765	0.9868	0.9617
50.9	0.9850	0.9956	0.5465	0.9522	0.9788	0.9654	0.9824	0.9669

51.0	0.9829	0.9944	0.5501	0.9449	0.9750	0.9510	0.9790	0.9518
51.1	0.9839	0.9940	0.7137	0.9306	0.9784	0.9410	0.9804	0.9616
51.2	0.9854	0.9955	0.7709	0.9208	0.9833	0.9585	0.9860	0.9798
51.3	0.9878	0.9957	0.7741	0.9324	0.9869	0.9657	0.9887	0.9819
51.4	0.9897	0.9960	0.7155	0.9213	0.9814	0.9326	0.9837	0.9638
51.5	0.9869	0.9963	0.7900	0.9294	0.9824	0.9505	0.9858	0.9652
51.6	0.9815	0.9951	0.7618	0.9114	0.9797	0.9358	0.9850	0.9738
51.7	0.9795	0.9940	0.8600	0.9086	0.9868	0.9497	0.9898	0.9748
51.8	0.9862	0.9950	0.8941	0.9313	0.9879	0.9578	0.9896	0.9757
51.9	0.9858	0.9955	0.8587	0.9092	0.9835	0.9404	0.9859	0.9646
52.0	0.9814	0.9950	0.8720	0.8981	0.9817	0.9241	0.9848	0.9633
52.1	0.9834	0.9949	0.8762	0.8888	0.9815	0.9388	0.9850	0.9666
52.2	0.9843	0.9949	0.8748	0.9103	0.9840	0.9582	0.9866	0.9748
52.3	0.9843	0.9959	0.8538	0.9191	0.9806	0.9569	0.9847	0.9564
52.4	0.9857	0.9953	0.8961	0.9464	0.9820	0.9487	0.9863	0.9604
52.5	0.9885	0.9958	0.9011	0.9224	0.9838	0.9490	0.9873	0.9646
52.6	0.9895	0.9959	0.9066	0.9221	0.9848	0.9533	0.9876	0.9624
52.7	0.9881	0.9947	0.9119	0.9356	0.9835	0.9229	0.9862	0.9443
52.8	0.9901	0.9955	0.9536	0.9570	0.9899	0.9405	0.9916	0.9698
52.9	0.9899	0.9959	0.9510	0.9546	0.9882	0.9203	0.9896	0.9673
53.0	0.9867	0.9953	0.9440	0.9380	0.9880	0.9462	0.9890	0.9604
53.1	0.9864	0.9952	0.9401	0.9088	0.9845	0.9336	0.9869	0.9276
53.2	0.9896	0.9956	0.9444	0.9205	0.9856	0.9372	0.9879	0.9027
53.3	0.9913	0.9964	0.9573	0.9528	0.9889	0.9492	0.9903	0.6598
53.4	0.9894	0.9956	0.9427	0.9375	0.9887	0.9100	0.9904	0.2542
53.5	0.9881	0.9948	0.9494	0.9111	0.9877	0.8852	0.9885	0.6890
53.6	0.9866	0.9955	0.9616	0.9275	0.9880	0.9183	0.9900	0.7165
53.7	0.9882	0.9964	0.9757	0.9468	0.9911	0.9312	0.9930	0.5661
53.8	0.9868	0.9949	0.9644	0.9563	0.9897	0.8700	0.9912	0.0165
53.9	0.9885	0.9947	0.9681	0.9460	0.9908	0.7838	0.9909	0.4965
54.0	0.9897	0.9959	0.9705	0.9619	0.9912	0.8886	0.9921	0.6779
54.1	0.9867	0.9948	0.9634	0.9638	0.9876	0.9028	0.9882	0.5635
54.2	0.9849	0.9928	0.9350	0.9508	0.9861	0.8597	0.9880	0.3572
54.3	0.9868	0.9943	0.9412	0.9509	0.9873	0.8266	0.9887	0.4119
54.4	0.9861	0.9947	0.9667	0.9561	0.9853	0.8761	0.9865	0.6940
54.5	0.9906	0.9962	0.9739	0.9655	0.9909	0.9446	0.9921	0.9033
54.6	0.9870	0.9950	0.9685	0.9628	0.9878	0.9456	0.9891	0.9216
54.7	0.9836	0.9936	0.9580	0.9608	0.9850	0.9267	0.9874	0.8833
54.8	0.9812	0.9914	0.9525	0.9553	0.9813	0.8815	0.9854	0.8273
54.9	0.9863	0.9942	0.9762	0.9692	0.9895	0.9226	0.9913	0.8734
55.0	0.9875	0.9949	0.9739	0.9687	0.9916	0.9558	0.9923	0.9076
55.1	0.9862	0.9946	0.9543	0.9581	0.9906	0.9627	0.9919	0.9285
55.2	0.9886	0.9955	0.9604	0.9637	0.9895	0.9716	0.9916	0.9356
55.3	0.9859	0.9944	0.9643	0.9574	0.9901	0.9652	0.9909	0.9363
55.4	0.9851	0.9950	0.9717	0.9600	0.9923	0.9609	0.9930	0.9481
55.5	0.9862	0.9934	0.9694	0.9603	0.9899	0.9386	0.9901	0.9357
55.6	0.9896	0.9952	0.9706	0.9584	0.9913	0.9524	0.9919	0.9474
55.7	0.9902	0.9948	0.9701	0.9598	0.9915	0.9683	0.9921	0.9553
55.8	0.9885	0.9945	0.9758	0.9607	0.9894	0.9642	0.9897	0.9497
55.9	0.9901	0.9958	0.9741	0.9705	0.9897	0.9739	0.9914	0.9623
56.0	0.9845	0.9913	0.9655	0.9568	0.9881	0.9488	0.9893	0.9476
56.1	0.9875	0.9918	0.9681	0.9605	0.9895	0.9512	0.9900	0.9507
56.2	0.9841	0.9926	0.9651	0.9472	0.9891	0.9723	0.9911	0.9550
56.3	0.9849	0.9938	0.9726	0.9501	0.9895	0.9721	0.9905	0.9592
56.4	0.9879	0.9939	0.9657	0.9579	0.9888	0.9746	0.9898	0.9605
56.5	0.9916	0.9946	0.9634	0.9679	0.9906	0.9794	0.9914	0.9691
56.6	0.9899	0.9934	0.9686	0.9692	0.9912	0.9822	0.9919	0.9714
56.7	0.9890	0.9935	0.9741	0.9675	0.9890	0.9794	0.9892	0.9709
56.8	0.9891	0.9927	0.9682	0.9706	0.9875	0.9800	0.9889	0.9730
56.9	0.9869	0.9927	0.9741	0.9689	0.9896	0.9817	0.9911	0.9755
57.0	0.9843	0.9908	0.9674	0.9599	0.9894	0.9774	0.9906	0.9692
57.1	0.9867	0.9924	0.9679	0.9613	0.9861	0.9747	0.9891	0.9729
57.2	0.9877	0.9924	0.9655	0.9575	0.9881	0.9710	0.9910	0.9703
57.3	0.9869	0.9922	0.9682	0.9518	0.9855	0.9698	0.9881	0.9721
57.4	0.9830	0.9905	0.9725	0.9514	0.9809	0.9638	0.9834	0.9698
57.5	0.9834	0.9903	0.9705	0.9580	0.9862	0.9724	0.9870	0.9736
57.6	0.9878	0.9918	0.9678	0.9659	0.9894	0.9820	0.9911	0.9810
57.7	0.9888	0.9922	0.9751	0.9682	0.9884	0.9828	0.9907	0.9838
57.8	0.9891	0.9936	0.9753	0.9653	0.9874	0.9817	0.9894	0.9816
57.9	0.9861	0.9905	0.9594	0.9502	0.9852	0.9726	0.9877	0.9712
58.0	0.9883	0.9914	0.9717	0.9673	0.9835	0.9724	0.9864	0.9771
58.1	0.9873	0.9913	0.9701	0.9671	0.9873	0.9817	0.9894	0.9828
58.2	0.9857	0.9900	0.9649	0.9668	0.9858	0.9837	0.9900	0.9808
58.3	0.9873	0.9920	0.9738	0.9653	0.9887	0.9833	0.9908	0.9799
58.4	0.9909	0.9924	0.9752	0.9728	0.9884	0.9848	0.9909	0.9851
58.5	0.9869	0.9891	0.9712	0.9714	0.9832	0.9781	0.9871	0.9792
58.6	0.9849	0.9875	0.9682	0.9640	0.9837	0.9812	0.9867	0.9814
58.7	0.9798	0.9849	0.9680	0.9580	0.9805	0.9766	0.9842	0.9799
58.8	0.9792	0.9849	0.9668	0.9537	0.9720	0.9729	0.9817	0.9792
58.9	0.9826	0.9875	0.9778	0.9566	0.9715	0.9771	0.9831	0.9841
59.0	0.9830	0.9879	0.9732	0.9470	0.9754	0.9726	0.9818	0.9770
59.1	0.9841	0.9886	0.9794	0.9584	0.9793	0.9780	0.9851	0.9817
59.2	0.9877	0.9908	0.9810	0.9690	0.9841	0.9812	0.9892	0.9851
59.3	0.9869	0.9904	0.9777	0.9590	0.9813	0.9800	0.9869	0.9834
59.4	0.9882	0.9909	0.9706	0.9565	0.9833	0.9842	0.9882	0.9845
59.5	0.9860	0.9888	0.9649	0.9533	0.9807	0.9801	0.9873	0.9800

59.6	0.9844	0.9893	0.9669	0.9438	0.9750	0.9770	0.9834	0.9815
59.7	0.9887	0.9906	0.9725	0.9539	0.9829	0.9831	0.9872	0.9842
59.8	0.9854	0.9882	0.9735	0.9179	0.9808	0.9827	0.9868	0.9825
59.9	0.9851	0.9850	0.9703	0.0598	0.9808	0.9824	0.9869	0.9807
60.0	0.9840	0.9786	0.9581	0.0447	0.9679	0.9823	0.9863	0.9819
60.1	0.9866	0.9875	0.9748	0.0649	0.9781	0.9843	0.9870	0.9851
60.2	0.9857	0.9895	0.9822	0.9490	0.9794	0.9833	0.9853	0.9848
60.3	0.9870	0.9905	0.9790	0.9492	0.9798	0.9857	0.9876	0.9872
60.4	0.9896	0.9919	0.9845	0.9541	0.9840	0.9878	0.9902	0.9890
60.5	0.9866	0.9894	0.9829	0.9406	0.9808	0.9842	0.9874	0.9846
60.6	0.9860	0.9880	0.9762	0.9204	0.9769	0.9808	0.9845	0.9819
60.7	0.9888	0.9911	0.9812	0.9352	0.9793	0.9853	0.9883	0.9880
60.8	0.9866	0.9913	0.9811	0.9260	0.9772	0.9822	0.9884	0.9844
60.9	0.9855	0.9925	0.9794	0.9169	0.9805	0.9859	0.9897	0.9859
61.0	0.9843	0.9901	0.9774	0.9114	0.9788	0.9837	0.9875	0.9843
61.1	0.9848	0.9886	0.9727	0.9150	0.9791	0.9806	0.9859	0.9810
61.2	0.9864	0.9887	0.9735	0.8957	0.9782	0.9798	0.9846	0.9796
61.3	0.9887	0.9911	0.9738	0.8927	0.9787	0.9820	0.9860	0.9829
61.4	0.9791	0.9841	0.9593	0.8313	0.9656	0.9729	0.9778	0.9773
61.5	0.9763	0.9832	0.9599	0.8218	0.9618	0.9751	0.9814	0.9785
61.6	0.9814	0.9867	0.9727	0.8728	0.9735	0.9819	0.9862	0.9837
61.7	0.9795	0.9855	0.9606	0.8517	0.9626	0.9756	0.9837	0.9801
61.8	0.9835	0.9874	0.9658	0.8754	0.9626	0.9794	0.9845	0.9832
61.9	0.9831	0.9873	0.9723	0.8957	0.9720	0.9831	0.9841	0.9837
62.0	0.9801	0.9860	0.9665	0.8451	0.9693	0.9815	0.9824	0.9818
62.1	0.9780	0.9848	0.9650	0.8349	0.9671	0.9804	0.9831	0.9822
62.2	0.9835	0.9893	0.9678	0.8743	0.9683	0.9845	0.9875	0.9844
62.3	0.9859	0.9898	0.9585	0.8335	0.9604	0.9790	0.9859	0.9811
62.4	0.9847	0.9869	0.9595	0.8211	0.9624	0.9757	0.9845	0.9781
62.5	0.9842	0.9881	0.9670	0.8640	0.9683	0.9826	0.9870	0.9830
62.6	0.9861	0.9891	0.9664	0.8554	0.9742	0.9824	0.9872	0.9830
62.7	0.9857	0.9876	0.9611	0.8337	0.9633	0.9773	0.9840	0.9776
62.8	0.9830	0.9843	0.9668	0.8382	0.9588	0.9778	0.9826	0.9761
62.9	0.9837	0.9854	0.9716	0.8748	0.9564	0.9801	0.9849	0.9803
63.0	0.9855	0.9879	0.9627	0.8850	0.9454	0.9791	0.9869	0.9783
63.1	0.9862	0.9900	0.9545	0.8429	0.9421	0.9808	0.9866	0.9799
63.2	0.9835	0.9882	0.9412	0.8392	0.9371	0.9795	0.9844	0.9782
63.3	0.9832	0.9869	0.9441	0.8429	0.9083	0.9816	0.9852	0.9827
63.4	0.9884	0.9905	0.9493	0.8466	0.9170	0.9873	0.9875	0.9866
63.5	0.9893	0.9909	0.9570	0.8801	0.9346	0.9891	0.9887	0.9870
63.6	0.9857	0.9882	0.9390	0.8790	0.8723	0.9789	0.9870	0.9787
63.7	0.9879	0.9907	0.9278	0.8899	0.8364	0.9812	0.9878	0.9819
63.8	0.9898	0.9914	0.9300	0.8999	0.8336	0.9855	0.9885	0.9837
63.9	0.9853	0.9885	0.9073	0.8467	0.7599	0.9793	0.9839	0.9780
64.0	0.9857	0.9879	0.8923	0.8730	0.6488	0.9792	0.9828	0.9810
64.1	0.9876	0.9888	0.8894	0.8747	0.5958	0.9790	0.9850	0.9764
64.2	0.9849	0.9867	0.8887	0.8410	0.4008	0.9780	0.9833	0.9766
64.3	0.9855	0.9868	0.9171	0.8880	0.3546	0.9788	0.9830	0.9803
64.4	0.9871	0.9873	0.8898	0.8701	0.2178	0.9757	0.9791	0.9746
64.5	0.9860	0.9872	0.8600	0.8253	0.1293	0.9773	0.9784	0.9777
64.6	0.9864	0.9877	0.8681	0.8196	0.1182	0.9791	0.9802	0.9745
64.7	0.9880	0.9907	0.8865	0.8765	0.4613	0.9846	0.9845	0.9810
64.8	0.9868	0.9892	0.8974	0.8864	0.5662	0.9824	0.9848	0.9806
64.9	0.9865	0.9888	0.8744	0.9101	0.7599	0.9805	0.9841	0.9796
65.0	0.9907	0.9929	0.8770	0.8984	0.8191	0.9827	0.9868	0.9804
65.1	0.9838	0.9881	0.8104	0.8588	0.7767	0.9747	0.9799	0.9757
65.2	0.9791	0.9831	0.7329	0.7837	0.7287	0.9731	0.9680	0.9699
65.3	0.9849	0.9874	0.8338	0.8455	0.8109	0.9766	0.9804	0.9754
65.4	0.9873	0.9905	0.8354	0.8997	0.8605	0.9795	0.9866	0.9815
65.5	0.9865	0.9905	0.8030	0.8461	0.8459	0.9781	0.9821	0.9809
65.6	0.9894	0.9907	0.7979	0.8552	0.8714	0.9744	0.9816	0.9794
65.7	0.9871	0.9904	0.7596	0.8239	0.8508	0.9761	0.9772	0.9759
65.8	0.9871	0.9909	0.7507	0.8436	0.8673	0.9770	0.9783	0.9798
65.9	0.9875	0.9899	0.6759	0.8256	0.8575	0.9665	0.9748	0.9709
66.0	0.9844	0.9873	0.6783	0.8071	0.8665	0.9571	0.9731	0.9651
66.1	0.9872	0.9889	0.7071	0.8328	0.8861	0.9614	0.9770	0.9648
66.2	0.9857	0.9873	0.5567	0.7987	0.8719	0.9486	0.9665	0.9654
66.3	0.9861	0.9894	0.6562	0.7915	0.8833	0.9693	0.9701	0.9737
66.4	0.9858	0.9904	0.7047	0.7966	0.8720	0.9630	0.9777	0.9692
66.5	0.9854	0.9900	0.6187	0.8076	0.8855	0.9590	0.9734	0.9679
66.6	0.9857	0.9908	0.5580	0.8430	0.9268	0.9595	0.9777	0.9674
66.7	0.9884	0.9914	0.7223	0.8293	0.9320	0.9630	0.9771	0.9702
66.8	0.9866	0.9889	0.6734	0.7677	0.9034	0.9419	0.9695	0.9543
66.9	0.9842	0.9894	0.6398	0.7636	0.8816	0.9398	0.9710	0.9442
67.0	0.9854	0.9903	0.5524	0.8028	0.8918	0.9346	0.9700	0.9550
67.1	0.9874	0.9914	0.5762	0.8217	0.9064	0.9414	0.9707	0.9560
67.2	0.9895	0.9931	0.6747	0.8605	0.9222	0.9461	0.9783	0.9692
67.3	0.9862	0.9902	0.6036	0.8575	0.9250	0.9299	0.9782	0.9630
67.4	0.9852	0.9915	0.6634	0.8262	0.9234	0.9467	0.9722	0.9633
67.5	0.9863	0.9909	0.6790	0.7795	0.9127	0.9374	0.9674	0.9516
67.6	0.9845	0.9911	0.5814	0.8363	0.9254	0.9273	0.9715	0.9553
67.7	0.9864	0.9935	0.5835	0.8655	0.9354	0.9411	0.9782	0.9721
67.8	0.9890	0.9918	0.7092	0.8857	0.9516	0.9273	0.9829	0.9726
67.9	0.9890	0.9929	0.6229	0.8696	0.9389	0.9292	0.9771	0.9573
68.0	0.9881	0.9912	0.7518	0.8503	0.9360	0.9246	0.9762	0.9419
68.1	0.9861	0.9889	0.6970	0.8779	0.9397	0.9185	0.9762	0.9525

68.2	0.9843	0.9904	0.6360	0.8784	0.9444	0.9381	0.9752	0.9518
68.3	0.9848	0.9908	0.6789	0.8514	0.9387	0.9278	0.9747	0.9494
68.4	0.9851	0.9931	0.6828	0.8845	0.9448	0.9391	0.9774	0.9534
68.5	0.9818	0.9898	0.6880	0.8654	0.9335	0.9216	0.9681	0.9298
68.6	0.9812	0.9860	0.6980	0.8178	0.9211	0.8909	0.9615	0.9145
68.7	0.9845	0.9891	0.6236	0.8427	0.9393	0.9090	0.9674	0.9358
68.8	0.9840	0.9893	0.6174	0.8536	0.9383	0.9215	0.9704	0.9429
68.9	0.9853	0.9894	0.6791	0.8864	0.9404	0.9319	0.9719	0.9323
69.0	0.9847	0.9916	0.6834	0.9163	0.9540	0.9532	0.9787	0.9586
69.1	0.9842	0.9907	0.6056	0.9139	0.9459	0.9391	0.9746	0.9572
69.2	0.9846	0.9925	0.7000	0.9172	0.9488	0.9270	0.9757	0.9532
69.3	0.9787	0.9905	0.6413	0.9040	0.9337	0.9082	0.9678	0.9447
69.4	0.9756	0.9884	0.6003	0.8689	0.9176	0.8956	0.9584	0.9012
69.5	0.9791	0.9871	0.6278	0.8685	0.9121	0.8931	0.9572	0.9024
69.6	0.9819	0.9886	0.6112	0.8899	0.9182	0.9268	0.9637	0.9409
69.7	0.9808	0.9896	0.6014	0.8988	0.9189	0.9374	0.9619	0.9367
69.8	0.9778	0.9882	0.6366	0.9146	0.9145	0.9353	0.9641	0.9429
69.9	0.9801	0.9890	0.6452	0.9098	0.9124	0.9483	0.9585	0.9412
70.0	0.9743	0.9850	0.6631	0.9194	0.9138	0.9182	0.9618	0.9403
70.1	0.9672	0.9804	0.6727	0.9164	0.9111	0.8974	0.9612	0.9314
70.2	0.9733	0.9845	0.6942	0.9022	0.9057	0.9371	0.9531	0.9386
70.3	0.9782	0.9873	0.7388	0.9158	0.9117	0.9517	0.9562	0.9468
70.4	0.9717	0.9831	0.7558	0.9300	0.9152	0.9299	0.9594	0.9398
70.5	0.9624	0.9810	0.6999	0.9066	0.8804	0.9028	0.9389	0.9302
70.6	0.9665	0.9830	0.6548	0.9090	0.8842	0.9038	0.9392	0.9237
70.7	0.9586	0.9719	0.7152	0.9060	0.8513	0.8724	0.9330	0.9126
70.8	0.9530	0.9689	0.7948	0.9105	0.8314	0.8729	0.9294	0.8979
70.9	0.9652	0.9753	0.8405	0.9006	0.8344	0.9064	0.9160	0.9109
71.0	0.9606	0.9751	0.8404	0.9031	0.8188	0.8928	0.9131	0.9039
71.1	0.9801	0.9848	0.8394	0.9315	0.8716	0.8828	0.9255	0.8930
71.2	0.9828	0.9883	0.8664	0.9454	0.8755	0.8845	0.9329	0.8877
71.3	0.9776	0.9840	0.8767	0.9124	0.8065	0.8973	0.8868	0.8316
71.4	0.9714	0.9803	0.8934	0.9019	0.8219	0.8677	0.8770	0.8096
71.5	0.9731	0.9822	0.9138	0.9151	0.7965	0.8688	0.8886	0.8507
71.6	0.9772	0.9854	0.9140	0.9312	0.7966	0.9052	0.8929	0.8175
71.7	0.9766	0.9855	0.8947	0.9075	0.7807	0.9171	0.8405	0.7522
71.8	0.9760	0.9840	0.9073	0.8971	0.7674	0.9066	0.8203	0.7017
71.9	0.9648	0.9807	0.9085	0.8841	0.6388	0.8837	0.7655	0.6804
72.0	0.9649	0.9809	0.9295	0.8922	0.7287	0.8711	0.7865	0.7127
72.1	0.9748	0.9848	0.9285	0.9066	0.7414	0.8925	0.7976	0.7363
72.2	0.9779	0.9847	0.9210	0.8996	0.7025	0.8780	0.7457	0.7549
72.3	0.9841	0.9911	0.9497	0.9268	0.7878	0.9134	0.7865	0.7804
72.4	0.9845	0.9910	0.9597	0.9369	0.8172	0.9058	0.8158	0.7966
72.5	0.9870	0.9908	0.9484	0.9371	0.8285	0.9230	0.7946	0.8350
72.6	0.9845	0.9919	0.9309	0.9296	0.7811	0.9199	0.7205	0.8310
72.7	0.9765	0.9870	0.9214	0.8997	0.7187	0.8565	0.6254	0.8054
72.8	0.9776	0.9876	0.9401	0.9163	0.6990	0.8854	0.6567	0.8165
72.9	0.9777	0.9879	0.9455	0.9211	0.6991	0.9036	0.6111	0.8392
73.0	0.9838	0.9890	0.9410	0.9203	0.6981	0.9054	0.5025	0.8183
73.1	0.9757	0.9883	0.9417	0.9024	0.7376	0.8852	0.5371	0.7804
73.2	0.9736	0.9879	0.9310	0.8992	0.6983	0.8703	0.4914	0.7621
73.3	0.9752	0.9876	0.9307	0.9099	0.6410	0.8964	0.3852	0.8380
73.4	0.9622	0.9830	0.9127	0.8807	0.5946	0.8677	0.3631	0.7727
73.5	0.9731	0.9897	0.9223	0.8829	0.6809	0.8800	0.3828	0.7844
73.6	0.9808	0.9930	0.9403	0.9142	0.8118	0.9097	0.5363	0.8052
73.7	0.9691	0.9883	0.9160	0.8855	0.7601	0.8730	0.5320	0.6749
73.8	0.9655	0.9845	0.9259	0.8716	0.7393	0.8785	0.5093	0.6267
73.9	0.9653	0.9872	0.9369	0.8821	0.7856	0.8858	0.5957	0.6421
74.0	0.9740	0.9892	0.9221	0.8736	0.7966	0.9037	0.5821	0.7568
74.1	0.9768	0.9877	0.9300	0.8516	0.7938	0.9081	0.5553	0.7568
74.2	0.9677	0.9862	0.9101	0.8156	0.8003	0.8773	0.5808	0.6616
74.3	0.9596	0.9851	0.9215	0.8033	0.7878	0.8768	0.6174	0.6657
74.4	0.9572	0.9855	0.9337	0.8145	0.8089	0.8695	0.6375	0.6846
74.5	0.9538	0.9844	0.9295	0.8022	0.7881	0.8425	0.5637	0.6450
74.6	0.9596	0.9848	0.9191	0.7865	0.7604	0.8572	0.5251	0.6587
74.7	0.9538	0.9867	0.9112	0.7963	0.7627	0.8888	0.5651	0.6661
74.8	0.9636	0.9885	0.9352	0.7927	0.7913	0.8911	0.6081	0.6934
74.9	0.9539	0.9853	0.8979	0.7520	0.7796	0.8690	0.5898	0.5797
75.0	0.9541	0.9807	0.8691	0.7436	0.7665	0.8720	0.5796	0.5578
75.1	0.9625	0.9873	0.9237	0.7813	0.8256	0.8929	0.6794	0.6044
75.2	0.9581	0.9884	0.9200	0.7432	0.8170	0.8873	0.6441	0.5125
75.3	0.9499	0.9856	0.9119	0.6918	0.8345	0.8760	0.6934	0.4814
75.4	0.9362	0.9802	0.8828	0.5140	0.8031	0.8524	0.6706	0.3898
75.5	0.9382	0.9787	0.8984	0.5714	0.8525	0.8229	0.7712	0.1948
75.6	0.9388	0.9800	0.8984	0.6698	0.8659	0.8728	0.7906	0.2520
75.7	0.9512	0.9815	0.9180	0.6493	0.8831	0.8843	0.8294	0.4229
75.8	0.9476	0.9831	0.9106	0.5733	0.8619	0.8730	0.7751	0.4000
75.9	0.9319	0.9820	0.8945	0.5709	0.8352	0.8438	0.7684	0.2307
76.0	0.9286	0.9774	0.8931	0.5449	0.8783	0.8293	0.8261	0.2420
76.1	0.9177	0.9683	0.8733	0.4186	0.8986	0.7759	0.8493	0.2902
76.2	0.9146	0.9678	0.8574	0.4491	0.8845	0.7507	0.8200	0.2847
76.3	0.8877	0.9659	0.8148	0.3468	0.8599	0.7235	0.7836	0.1802
76.4	0.9083	0.9715	0.8007	0.3894	0.8365	0.7757	0.7725	0.1799
76.5	0.9398	0.9729	0.8461	0.3404	0.8498	0.7924	0.8046	0.2440
76.6	0.9448	0.9771	0.8876	0.3712	0.9067	0.8398	0.8704	0.3780
76.7	0.9228	0.9721	0.8903	0.4181	0.9019	0.8525	0.8758	0.2648

76.8	0.9106	0.9621	0.8530	0.3946	0.8759	0.7962	0.8466	0.1241
76.9	0.9095	0.9538	0.8247	0.3421	0.8620	0.7991	0.8360	0.1957
77.0	0.9255	0.9542	0.8133	0.3064	0.8334	0.8400	0.8015	0.2497
77.1	0.9101	0.9584	0.8249	0.3190	0.8558	0.8623	0.8297	0.3436
77.2	0.9301	0.9654	0.8223	0.4474	0.8977	0.8816	0.8843	0.2298
77.3	0.9337	0.9674	0.8217	0.3615	0.8894	0.9036	0.8878	0.4031
77.4	0.9236	0.9622	0.8300	0.3919	0.8914	0.9000	0.8850	0.3834
77.5	0.9090	0.9485	0.8073	0.3355	0.8456	0.8870	0.8350	0.3047
77.6	0.9353	0.9603	0.8597	0.3953	0.8951	0.8954	0.8863	0.4303
77.7	0.9215	0.9547	0.8594	0.4933	0.9017	0.8895	0.8910	0.3001
77.8	0.9368	0.9620	0.8647	0.4633	0.8792	0.9159	0.8731	0.2498
77.9	0.9474	0.9645	0.8498	0.5017	0.8845	0.9284	0.8904	0.2993
78.0	0.9412	0.9557	0.8048	0.4783	0.8826	0.9027	0.8762	0.3450
78.1	0.9336	0.9570	0.8451	0.5213	0.8895	0.8938	0.8871	0.2315
78.2	0.9317	0.9478	0.7942	0.4678	0.8879	0.8938	0.8731	0.3272
78.3	0.9401	0.9638	0.7809	0.4158	0.8648	0.9297	0.8613	0.3688
78.4	0.9455	0.9629	0.7699	0.6131	0.9079	0.9248	0.8978	0.2616
78.5	0.9493	0.9629	0.7712	0.5407	0.8890	0.9282	0.8697	0.2056
78.6	0.9690	0.9778	0.8633	0.6630	0.8812	0.9474	0.8539	0.2950
78.7	0.9658	0.9805	0.8799	0.6764	0.9017	0.9552	0.8566	0.3080
78.8	0.9552	0.9735	0.8374	0.5889	0.8948	0.9561	0.8486	0.3219
78.9	0.9550	0.9739	0.7712	0.5283	0.8891	0.9502	0.8605	0.2592
79.0	0.9574	0.9743	0.7041	0.6349	0.8681	0.9439	0.8291	0.2760
79.1	0.9546	0.9692	0.5916	0.6630	0.8305	0.9451	0.7628	0.2481
79.2	0.9664	0.9764	0.7754	0.7434	0.8687	0.9499	0.8020	0.2871
79.3	0.9650	0.9714	0.8070	0.7438	0.8793	0.9342	0.8280	0.4002
79.4	0.9463	0.9563	0.8059	0.6606	0.8650	0.9062	0.8310	0.3492
79.5	0.9561	0.9689	0.8302	0.7688	0.8142	0.9408	0.7271	0.3510
79.6	0.9671	0.9800	0.8734	0.7659	0.8436	0.9619	0.7587	0.5272
79.7	0.9633	0.9796	0.8638	0.7052	0.8832	0.9583	0.8157	0.5783
79.8	0.9658	0.9805	0.8219	0.7468	0.8676	0.9585	0.7734	0.6187
79.9	0.9709	0.9835	0.8138	0.7749	0.8604	0.9656	0.7748	0.6828
80.0	0.9630	0.9795	0.8166	0.7201	0.8521	0.9650	0.7564	0.6367

2.2.32 Run 3 – IP315-200 – Accels 9–16

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.8656	0.3954	0.9455	0.9846	0.9592	0.8820	0.8733	0.9968
0.1	0.6388	0.2209	0.8305	0.9522	0.8942	0.5964	0.5968	0.9857
0.2	0.0160	0.0018	0.0040	0.0119	0.0144	0.0567	0.0249	0.0193
0.3	0.0144	0.0304	0.0021	0.0024	0.0058	0.0149	0.0045	0.0130
0.4	0.0052	0.0049	0.0136	0.0090	0.0399	0.0242	0.0156	0.0021
0.5	0.0329	0.0235	0.0051	0.0171	0.0083	0.0098	0.0623	0.0561
0.6	0.3738	0.2245	0.2121	0.4253	0.0195	0.0504	0.4474	0.0694
0.7	0.7976	0.5600	0.6322	0.7002	0.0982	0.2649	0.7161	0.1357
0.8	0.8769	0.6188	0.7346	0.7015	0.1596	0.4438	0.7530	0.3170
0.9	0.9171	0.6545	0.8819	0.6553	0.1771	0.6433	0.6699	0.4825
1.0	0.7930	0.6111	0.8723	0.3603	0.1853	0.6057	0.3573	0.4138
1.1	0.6106	0.5488	0.7258	0.1627	0.2204	0.4761	0.1492	0.4028
1.2	0.8348	0.7288	0.9272	0.2099	0.3331	0.7741	0.2125	0.6998
1.3	0.9138	0.9062	0.9152	0.1484	0.6162	0.8069	0.1493	0.8521
1.4	0.8931	0.9404	0.8508	0.0543	0.8099	0.5235	0.0523	0.9276
1.5	0.8992	0.9581	0.8593	0.4170	0.8793	0.6714	0.4167	0.9600
1.6	0.9263	0.9636	0.8921	0.7112	0.9388	0.8856	0.7122	0.9638
1.7	0.8440	0.9308	0.9585	0.8804	0.9431	0.9724	0.8811	0.9542
1.8	0.8523	0.9281	0.9507	0.8685	0.9544	0.9794	0.8689	0.9515
1.9	0.8374	0.9151	0.9327	0.8297	0.9626	0.9800	0.8306	0.9385
2.0	0.8895	0.9228	0.9139	0.8690	0.9545	0.9494	0.8699	0.9401
2.1	0.9220	0.8662	0.8635	0.8935	0.8851	0.8737	0.8936	0.8987
2.2	0.9386	0.8292	0.8271	0.9014	0.8526	0.8300	0.9010	0.8569
2.3	0.8496	0.3850	0.3547	0.7973	0.4158	0.3570	0.7983	0.4019
2.4	0.8664	0.6934	0.6784	0.8321	0.6275	0.6933	0.8413	0.5979
2.5	0.9486	0.9075	0.9395	0.9173	0.8849	0.9424	0.9202	0.8931
2.6	0.9764	0.9520	0.9837	0.9565	0.9318	0.9844	0.9584	0.9542
2.7	0.9829	0.9350	0.9892	0.9663	0.8779	0.9894	0.9675	0.9428
2.8	0.9833	0.8826	0.9899	0.9657	0.7634	0.9906	0.9668	0.9009
2.9	0.9824	0.7661	0.9942	0.9638	0.6305	0.9938	0.9648	0.8429
3.0	0.9816	0.5876	0.9971	0.9609	0.7915	0.9964	0.9618	0.5869
3.1	0.9854	0.6926	0.9975	0.9667	0.9030	0.9972	0.9677	0.3169
3.2	0.9922	0.9205	0.9983	0.9810	0.9516	0.9982	0.9817	0.8562
3.3	0.9931	0.9612	0.9990	0.9831	0.9758	0.9989	0.9838	0.9494
3.4	0.9913	0.9531	0.9985	0.9791	0.9704	0.9984	0.9800	0.9467
3.5	0.9930	0.9823	0.9994	0.9822	0.9874	0.9992	0.9827	0.9852
3.6	0.9912	0.9841	0.9992	0.9767	0.9868	0.9988	0.9772	0.9847
3.7	0.9941	0.9914	0.9995	0.9845	0.9911	0.9993	0.9849	0.9904
3.8	0.9946	0.9919	0.9996	0.9857	0.9916	0.9993	0.9862	0.9927
3.9	0.9946	0.9946	0.9996	0.9854	0.9931	0.9993	0.9861	0.9931
4.0	0.9950	0.9966	0.9997	0.9860	0.9965	0.9995	0.9865	0.9960
4.1	0.9954	0.9953	0.9995	0.9862	0.9942	0.9993	0.9864	0.9936
4.2	0.9952	0.9957	0.9995	0.9858	0.9939	0.9992	0.9864	0.9955
4.3	0.9956	0.9971	0.9992	0.9870	0.9951	0.9989	0.9873	0.9962
4.4	0.9969	0.9972	0.9991	0.9906	0.9958	0.9989	0.9906	0.9957
4.5	0.9984	0.9975	0.9992	0.9953	0.9958	0.9992	0.9952	0.9963
4.6	0.9983	0.9978	0.9992	0.9947	0.9959	0.9992	0.9946	0.9964
4.7	0.9981	0.9973	0.9989	0.9937	0.9954	0.9988	0.9939	0.9956
4.8	0.9985	0.9966	0.9985	0.9946	0.9947	0.9987	0.9950	0.9944
4.9	0.9982	0.9973	0.9989	0.9941	0.9949	0.9989	0.9944	0.9953
5.0	0.9983	0.9985	0.9988	0.9945	0.9960	0.9989	0.9947	0.9970
5.1	0.9977	0.9976	0.9986	0.9945	0.9950	0.9989	0.9945	0.9949
5.2	0.9974	0.9981	0.9986	0.9950	0.9961	0.9989	0.9951	0.9964
5.3	0.9976	0.9987	0.9989	0.9958	0.9971	0.9991	0.9956	0.9974
5.4	0.9970	0.9988	0.9989	0.9949	0.9972	0.9990	0.9947	0.9969
5.5	0.9968	0.9988	0.9989	0.9943	0.9975	0.9990	0.9944	0.9976
5.6	0.9954	0.9983	0.9987	0.9914	0.9963	0.9988	0.9917	0.9964
5.7	0.9952	0.9982	0.9980	0.9911	0.9951	0.9979	0.9912	0.9948
5.8	0.9967	0.9989	0.9978	0.9936	0.9965	0.9980	0.9936	0.9964
5.9	0.9955	0.9989	0.9973	0.9920	0.9970	0.9976	0.9919	0.9971
6.0	0.9953	0.9985	0.9972	0.9926	0.9948	0.9976	0.9923	0.9952
6.1	0.9956	0.9986	0.9982	0.9924	0.9962	0.9984	0.9923	0.9958
6.2	0.9962	0.9990	0.9989	0.9924	0.9956	0.9988	0.9922	0.9957
6.3	0.9959	0.9981	0.9985	0.9916	0.9938	0.9985	0.9913	0.9935
6.4	0.9967	0.9985	0.9980	0.9939	0.9918	0.9983	0.9936	0.9910
6.5	0.9968	0.9982	0.9980	0.9942	0.9886	0.9981	0.9937	0.9881
6.6	0.9971	0.9977	0.9974	0.9944	0.9883	0.9977	0.9941	0.9879
6.7	0.9963	0.9975	0.9969	0.9942	0.9853	0.9974	0.9937	0.9845
6.8	0.9957	0.9975	0.9964	0.9937	0.9829	0.9970	0.9930	0.9818
6.9	0.9957	0.9966	0.9965	0.9954	0.9686	0.9968	0.9947	0.9671
7.0	0.9915	0.9939	0.9936	0.9960	0.9341	0.9952	0.9958	0.9308
7.1	0.9841	0.9867	0.9854	0.9953	0.8714	0.9904	0.9961	0.8684
7.2	0.9920	0.9897	0.9835	0.9947	0.8959	0.9888	0.9973	0.8953
7.3	0.9978	0.9964	0.9921	0.9956	0.9680	0.9944	0.9966	0.9686
7.4	0.9958	0.9938	0.9889	0.9957	0.9284	0.9942	0.9957	0.9308
7.5	0.9968	0.9927	0.9871	0.9970	0.9231	0.9912	0.9970	0.9276
7.6	0.9982	0.9964	0.9900	0.9968	0.9495	0.9918	0.9972	0.9548
7.7	0.9980	0.9962	0.9902	0.9965	0.9610	0.9918	0.9968	0.9661
7.8	0.9986	0.9974	0.9928	0.9970	0.9858	0.9941	0.9972	0.9871
7.9	0.9987	0.9985	0.9922	0.9984	0.9886	0.9935	0.9983	0.9890

8.0	0.9984	0.9981	0.9890	0.9985	0.9708	0.9906	0.9983	0.9712
8.1	0.9985	0.9984	0.9908	0.9985	0.9833	0.9919	0.9985	0.9835
8.2	0.9984	0.9970	0.9917	0.9983	0.9758	0.9923	0.9984	0.9757
8.3	0.9983	0.9976	0.9932	0.9988	0.9780	0.9942	0.9989	0.9756
8.4	0.9982	0.9982	0.9948	0.9991	0.9790	0.9957	0.9991	0.9750
8.5	0.9976	0.9974	0.9943	0.9992	0.9765	0.9948	0.9990	0.9731
8.6	0.9971	0.9975	0.9942	0.9991	0.9841	0.9947	0.9991	0.9823
8.7	0.9978	0.9977	0.9972	0.9994	0.9871	0.9973	0.9994	0.9864
8.8	0.9960	0.9965	0.9963	0.9992	0.9747	0.9963	0.9992	0.9729
8.9	0.9929	0.9964	0.9948	0.9992	0.9781	0.9954	0.9992	0.9766
9.0	0.9856	0.9944	0.9892	0.9992	0.9577	0.9908	0.9987	0.9548
9.1	0.9916	0.9954	0.9926	0.9986	0.9768	0.9928	0.9987	0.9764
9.2	0.9760	0.9848	0.9841	0.9986	0.9391	0.9867	0.9985	0.9379
9.3	0.9719	0.9778	0.9743	0.9991	0.9286	0.9822	0.9974	0.9281
9.4	0.9882	0.9820	0.9813	0.9990	0.9628	0.9880	0.9983	0.9634
9.5	0.9949	0.9873	0.9884	0.9988	0.9793	0.9926	0.9989	0.9799
9.6	0.9959	0.9896	0.9863	0.9990	0.9854	0.9916	0.9991	0.9863
9.7	0.9973	0.9926	0.9895	0.9988	0.9918	0.9938	0.9991	0.9922
9.8	0.9981	0.9958	0.9922	0.9990	0.9957	0.9957	0.9992	0.9961
9.9	0.9982	0.9959	0.9921	0.9984	0.9970	0.9958	0.9990	0.9973
10.0	0.9968	0.9957	0.9887	0.9968	0.9965	0.9935	0.9987	0.9969
10.1	0.9963	0.9969	0.9911	0.9984	0.9970	0.9947	0.9990	0.9974
10.2	0.9969	0.9964	0.9942	0.9991	0.9977	0.9963	0.9992	0.9979
10.3	0.9967	0.9969	0.9960	0.9992	0.9974	0.9976	0.9993	0.9978
10.4	0.9981	0.9975	0.9971	0.9993	0.9979	0.9981	0.9994	0.9984
10.5	0.9977	0.9972	0.9971	0.9991	0.9976	0.9981	0.9991	0.9982
10.6	0.9979	0.9963	0.9981	0.9986	0.9977	0.9987	0.9988	0.9983
10.7	0.9982	0.9968	0.9977	0.9984	0.9982	0.9985	0.9986	0.9986
10.8	0.9985	0.9970	0.9981	0.9984	0.9979	0.9986	0.9986	0.9984
10.9	0.9981	0.9962	0.9978	0.9984	0.9978	0.9984	0.9985	0.9982
11.0	0.9986	0.9962	0.9975	0.9979	0.9978	0.9979	0.9981	0.9982
11.1	0.9983	0.9959	0.9973	0.9981	0.9978	0.9977	0.9982	0.9982
11.2	0.9987	0.9964	0.9980	0.9980	0.9980	0.9983	0.9982	0.9984
11.3	0.9985	0.9964	0.9974	0.9978	0.9971	0.9978	0.9980	0.9979
11.4	0.9987	0.9968	0.9979	0.9981	0.9977	0.9980	0.9982	0.9981
11.5	0.9990	0.9970	0.9974	0.9981	0.9971	0.9980	0.9982	0.9978
11.6	0.9988	0.9953	0.9962	0.9974	0.9966	0.9971	0.9974	0.9973
11.7	0.9991	0.9964	0.9976	0.9978	0.9967	0.9979	0.9977	0.9977
11.8	0.9985	0.9946	0.9965	0.9963	0.9958	0.9968	0.9964	0.9970
11.9	0.9981	0.9949	0.9956	0.9966	0.9949	0.9959	0.9967	0.9966
12.0	0.9984	0.9957	0.9962	0.9970	0.9952	0.9968	0.9971	0.9969
12.1	0.9983	0.9947	0.9956	0.9960	0.9949	0.9962	0.9962	0.9964
12.2	0.9976	0.9931	0.9944	0.9947	0.9931	0.9951	0.9948	0.9949
12.3	0.9964	0.9925	0.9944	0.9929	0.9926	0.9945	0.9931	0.9950
12.4	0.9951	0.9915	0.9936	0.9913	0.9918	0.9939	0.9915	0.9943
12.5	0.9937	0.9914	0.9918	0.9899	0.9888	0.9929	0.9903	0.9934
12.6	0.9938	0.9921	0.9902	0.9917	0.9860	0.9927	0.9919	0.9929
12.7	0.9878	0.9899	0.9860	0.9888	0.9823	0.9906	0.9890	0.9912
12.8	0.9850	0.9867	0.9805	0.9898	0.9733	0.9884	0.9902	0.9875
12.9	0.9820	0.9849	0.9800	0.9905	0.9769	0.9880	0.9907	0.9864
13.0	0.9820	0.9867	0.9860	0.9919	0.9771	0.9897	0.9922	0.9896
13.1	0.9804	0.9839	0.9850	0.9921	0.9750	0.9873	0.9923	0.9873
13.2	0.9775	0.9795	0.9768	0.9880	0.9557	0.9786	0.9881	0.9801
13.3	0.9676	0.9719	0.9683	0.9788	0.9308	0.9657	0.9790	0.9704
13.4	0.9591	0.9716	0.9596	0.9737	0.9135	0.9431	0.9746	0.9649
13.5	0.9562	0.9712	0.9575	0.9733	0.9300	0.9409	0.9743	0.9640
13.6	0.9532	0.9756	0.9403	0.9680	0.9168	0.9223	0.9698	0.9535
13.7	0.9738	0.9816	0.9491	0.9810	0.9419	0.9373	0.9822	0.9545
13.8	0.9768	0.9797	0.9461	0.9866	0.9422	0.9362	0.9879	0.9498
13.9	0.9778	0.9609	0.9265	0.9873	0.9244	0.9190	0.9878	0.9280
14.0	0.9812	0.9414	0.8949	0.9860	0.8889	0.8887	0.9853	0.9008
14.1	0.9858	0.9518	0.9152	0.9866	0.9098	0.9124	0.9854	0.9225
14.2	0.9830	0.9472	0.9081	0.9794	0.9003	0.9081	0.9780	0.9172
14.3	0.9913	0.9654	0.9333	0.9868	0.9235	0.9343	0.9855	0.9409
14.4	0.9888	0.9618	0.9224	0.9841	0.9092	0.9250	0.9823	0.9330
14.5	0.9917	0.9786	0.9507	0.9900	0.9382	0.9531	0.9889	0.9582
14.6	0.9928	0.9834	0.9601	0.9915	0.9513	0.9623	0.9907	0.9672
14.7	0.9930	0.9888	0.9705	0.9937	0.9645	0.9725	0.9932	0.9770
14.8	0.9915	0.9900	0.9693	0.9949	0.9634	0.9712	0.9942	0.9761
14.9	0.9945	0.9938	0.9784	0.9967	0.9719	0.9801	0.9962	0.9829
15.0	0.9963	0.9956	0.9847	0.9968	0.9787	0.9860	0.9967	0.9879
15.1	0.9963	0.9953	0.9849	0.9964	0.9782	0.9862	0.9962	0.9881
15.2	0.9978	0.9966	0.9879	0.9966	0.9811	0.9891	0.9964	0.9905
15.3	0.9982	0.9973	0.9895	0.9966	0.9838	0.9907	0.9965	0.9924
15.4	0.9982	0.9975	0.9905	0.9969	0.9853	0.9916	0.9969	0.9933
15.5	0.9985	0.9981	0.9925	0.9967	0.9847	0.9933	0.9967	0.9938
15.6	0.9988	0.9987	0.9947	0.9973	0.9883	0.9954	0.9974	0.9954
15.7	0.9983	0.9984	0.9931	0.9965	0.9850	0.9940	0.9966	0.9944
15.8	0.9976	0.9974	0.9875	0.9958	0.9756	0.9890	0.9958	0.9912
15.9	0.9984	0.9987	0.9927	0.9970	0.9841	0.9936	0.9970	0.9949
16.0	0.9981	0.9989	0.9942	0.9974	0.9831	0.9952	0.9974	0.9949
16.1	0.9967	0.9986	0.9912	0.9975	0.9784	0.9926	0.9975	0.9929
16.2	0.9959	0.9989	0.9911	0.9974	0.9776	0.9923	0.9975	0.9931
16.3	0.9957	0.9989	0.9898	0.9974	0.9766	0.9910	0.9974	0.9929
16.4	0.9942	0.9992	0.9912	0.9971	0.9804	0.9921	0.9971	0.9939
16.5	0.9850	0.9992	0.9930	0.9971	0.9779	0.9939	0.9971	0.9917

16.6	0.9881	0.9992	0.9937	0.9977	0.9805	0.9947	0.9978	0.9925
16.7	0.9882	0.9993	0.9936	0.9979	0.9843	0.9946	0.9979	0.9944
16.8	0.9871	0.9994	0.9924	0.9978	0.9805	0.9940	0.9978	0.9951
16.9	0.9786	0.9991	0.9874	0.9967	0.9736	0.9891	0.9966	0.9897
17.0	0.9760	0.9991	0.9861	0.9971	0.9605	0.9882	0.9968	0.9863
17.1	0.9269	0.9994	0.9914	0.9964	0.9719	0.9924	0.9962	0.9888
17.2	0.9805	0.9993	0.9912	0.9985	0.9736	0.9932	0.9985	0.9905
17.3	0.9880	0.9992	0.9870	0.9980	0.9537	0.9892	0.9978	0.9821
17.4	0.9902	0.9992	0.9877	0.9974	0.9776	0.9895	0.9973	0.9864
17.5	0.9898	0.9993	0.9879	0.9973	0.9814	0.9895	0.9972	0.9878
17.6	0.9902	0.9993	0.9857	0.9968	0.9835	0.9882	0.9967	0.9895
17.7	0.9831	0.9993	0.9890	0.9963	0.9848	0.9905	0.9962	0.9914
17.8	0.9784	0.9993	0.9877	0.9959	0.9813	0.9893	0.9959	0.9894
17.9	0.9759	0.9992	0.9816	0.9956	0.9740	0.9843	0.9955	0.9856
18.0	0.9845	0.9991	0.9746	0.9958	0.9669	0.9790	0.9954	0.9801
18.1	0.9850	0.9993	0.9756	0.9955	0.9746	0.9806	0.9955	0.9842
18.2	0.9859	0.9992	0.9728	0.9951	0.9744	0.9784	0.9948	0.9844
18.3	0.9781	0.9991	0.9696	0.9933	0.9737	0.9760	0.9930	0.9831
18.4	0.9741	0.9991	0.9702	0.9923	0.9751	0.9770	0.9922	0.9838
18.5	0.9771	0.9992	0.9691	0.9923	0.9716	0.9764	0.9919	0.9815
18.6	0.9690	0.9991	0.9683	0.9899	0.9640	0.9736	0.9894	0.9769
18.7	0.9472	0.9988	0.9577	0.9848	0.9526	0.9651	0.9847	0.9713
18.8	0.9658	0.9993	0.9735	0.9884	0.9741	0.9784	0.9887	0.9844
18.9	0.9341	0.9993	0.9729	0.9882	0.9768	0.9772	0.9887	0.9858
19.0	0.9168	0.9991	0.9625	0.9833	0.9721	0.9678	0.9837	0.9816
19.1	0.8965	0.9989	0.9596	0.9784	0.9613	0.9665	0.9784	0.9801
19.2	0.8397	0.9988	0.9543	0.9715	0.9566	0.9582	0.9715	0.9755
19.3	0.8302	0.9988	0.9408	0.9661	0.9531	0.9493	0.9659	0.9716
19.4	0.7285	0.9987	0.9303	0.9599	0.9511	0.9449	0.9597	0.9717
19.5	0.6409	0.9987	0.9366	0.9601	0.9497	0.9499	0.9598	0.9750
19.6	0.6812	0.9989	0.9395	0.9583	0.9555	0.9525	0.9595	0.9771
19.7	0.6202	0.9989	0.9212	0.9500	0.9353	0.9374	0.9509	0.9661
19.8	0.5541	0.9990	0.9337	0.9470	0.9411	0.9424	0.9487	0.9689
19.9	0.5868	0.9993	0.9366	0.9477	0.9453	0.9533	0.9498	0.9762
20.0	0.6203	0.9991	0.9096	0.9227	0.9405	0.9267	0.9264	0.9715
20.1	0.5496	0.9992	0.9107	0.8924	0.9498	0.9200	0.9001	0.9718
20.2	0.4944	0.9991	0.8952	0.8490	0.9376	0.9066	0.8588	0.9666
20.3	0.5112	0.9990	0.8890	0.8239	0.9384	0.8926	0.8286	0.9650
20.4	0.4544	0.9990	0.8519	0.7528	0.9204	0.8613	0.7722	0.9564
20.5	0.4606	0.9991	0.8335	0.7138	0.9169	0.8625	0.7431	0.9537
20.6	0.3858	0.9991	0.7903	0.5024	0.9130	0.8161	0.5431	0.9491
20.7	0.4970	0.9994	0.7732	0.4330	0.9021	0.8061	0.4713	0.9584
20.8	0.5580	0.9993	0.7483	0.4088	0.8981	0.7909	0.4520	0.9589
20.9	0.5416	0.9988	0.5575	0.2884	0.8490	0.6345	0.3084	0.9221
21.0	0.5140	0.9989	0.4752	0.2229	0.8154	0.5608	0.2362	0.9059
21.1	0.4830	0.9991	0.3198	0.2396	0.8182	0.4552	0.2468	0.8943
21.2	0.5641	0.9988	0.1720	0.3984	0.7339	0.3625	0.3985	0.8634
21.3	0.5980	0.9989	0.2406	0.4569	0.7082	0.4783	0.4658	0.8807
21.4	0.6488	0.9992	0.1089	0.4884	0.6396	0.3785	0.4933	0.8781
21.5	0.6093	0.9991	0.1972	0.4849	0.5262	0.3296	0.4886	0.8596
21.6	0.6423	0.9989	0.3663	0.5895	0.3303	0.4576	0.5936	0.8710
21.7	0.7416	0.9992	0.5531	0.7328	0.2859	0.6082	0.7397	0.9153
21.8	0.7460	0.9990	0.5807	0.7127	0.1160	0.5201	0.7184	0.8880
21.9	0.7826	0.9985	0.7157	0.7466	0.0011	0.6018	0.7493	0.8490
22.0	0.7470	0.9986	0.7555	0.6992	0.0112	0.6389	0.7032	0.8362
22.1	0.7779	0.9986	0.7773	0.7489	0.1377	0.7071	0.7543	0.7800
22.2	0.8358	0.9990	0.8228	0.8369	0.1254	0.7429	0.8394	0.8220
22.3	0.8486	0.9988	0.8151	0.8464	0.1450	0.7315	0.8476	0.7735
22.4	0.8436	0.9988	0.7752	0.7629	0.0761	0.7008	0.7666	0.6811
22.5	0.8369	0.9988	0.8059	0.7454	0.1446	0.7398	0.7487	0.6803
22.6	0.8749	0.9982	0.8365	0.7877	0.1830	0.7593	0.7894	0.7118
22.7	0.8532	0.9982	0.8325	0.7507	0.2204	0.7681	0.7501	0.6474
22.8	0.8889	0.9990	0.9130	0.8181	0.3939	0.8827	0.8186	0.7072
22.9	0.8930	0.9991	0.9167	0.8316	0.3272	0.9015	0.8340	0.7495
23.0	0.8933	0.9987	0.9269	0.8528	0.2811	0.9068	0.8531	0.7898
23.1	0.8795	0.9985	0.9086	0.8752	0.3262	0.9160	0.8755	0.7462
23.2	0.9142	0.9989	0.9186	0.9119	0.4629	0.9121	0.9119	0.7260
23.3	0.9317	0.9989	0.9371	0.9372	0.6025	0.9331	0.9368	0.7969
23.4	0.9162	0.9984	0.9377	0.9288	0.6697	0.9263	0.9299	0.7510
23.5	0.9173	0.9985	0.9525	0.9380	0.8172	0.9258	0.9379	0.7530
23.6	0.9288	0.9984	0.9451	0.9408	0.7654	0.8884	0.9411	0.7048
23.7	0.9477	0.9988	0.9543	0.9548	0.7932	0.9017	0.9560	0.7282
23.8	0.9435	0.9989	0.9626	0.9437	0.8417	0.9191	0.9438	0.7493
23.9	0.9478	0.9988	0.9658	0.9350	0.8700	0.9232	0.9348	0.7564
24.0	0.9465	0.9984	0.9631	0.9290	0.8368	0.9138	0.9280	0.6775
24.1	0.9533	0.9985	0.9748	0.9354	0.8671	0.9332	0.9355	0.7040
24.2	0.9454	0.9978	0.9518	0.9270	0.7765	0.8995	0.9276	0.6043
24.3	0.9622	0.9982	0.9585	0.9386	0.8065	0.9295	0.9390	0.6839
24.4	0.9696	0.9983	0.9677	0.9437	0.8414	0.9420	0.9425	0.7347
24.5	0.9737	0.9983	0.9711	0.9654	0.8623	0.9467	0.9648	0.7470
24.6	0.9647	0.9983	0.9712	0.9494	0.8319	0.9533	0.9487	0.7816
24.7	0.9644	0.9988	0.9798	0.9232	0.8617	0.9652	0.9236	0.8596
24.8	0.9771	0.9991	0.9856	0.9498	0.8696	0.9755	0.9501	0.8857
24.9	0.9766	0.9989	0.9813	0.9562	0.8649	0.9739	0.9569	0.8751
25.0	0.9806	0.9990	0.9844	0.9672	0.8593	0.9790	0.9685	0.9082
25.1	0.9788	0.9988	0.9822	0.9661	0.7867	0.9744	0.9664	0.8937

25.2	0.9796	0.9988	0.9818	0.9732	0.7583	0.9745	0.9738	0.8920
25.3	0.9833	0.9986	0.9808	0.9706	0.7007	0.9744	0.9713	0.8950
25.4	0.9802	0.9984	0.9838	0.9773	0.6653	0.9768	0.9777	0.9063
25.5	0.9829	0.9985	0.9852	0.9787	0.6174	0.9800	0.9789	0.9247
25.6	0.9830	0.9985	0.9873	0.9790	0.7019	0.9834	0.9788	0.9368
25.7	0.9774	0.9984	0.9857	0.9799	0.6850	0.9809	0.9809	0.9321
25.8	0.9822	0.9987	0.9887	0.9869	0.7239	0.9858	0.9881	0.9535
25.9	0.9879	0.9986	0.9887	0.9877	0.7301	0.9859	0.9883	0.9565
26.0	0.9894	0.9986	0.9889	0.9875	0.7818	0.9859	0.9869	0.9545
26.1	0.9897	0.9986	0.9907	0.9887	0.8327	0.9881	0.9884	0.9647
26.2	0.9883	0.9985	0.9910	0.9869	0.8434	0.9878	0.9871	0.9710
26.3	0.9851	0.9983	0.9899	0.9826	0.8349	0.9873	0.9809	0.9699
26.4	0.9857	0.9982	0.9911	0.9845	0.8698	0.9886	0.9840	0.9703
26.5	0.9890	0.9982	0.9929	0.9883	0.9252	0.9908	0.9879	0.9744
26.6	0.9898	0.9986	0.9946	0.9914	0.9459	0.9931	0.9913	0.9775
26.7	0.9909	0.9986	0.9936	0.9905	0.9552	0.9925	0.9897	0.9805
26.8	0.9879	0.9984	0.9941	0.9895	0.9625	0.9929	0.9889	0.9833
26.9	0.9858	0.9978	0.9933	0.9877	0.9604	0.9908	0.9861	0.9789
27.0	0.9873	0.9978	0.9923	0.9892	0.9614	0.9903	0.9874	0.9778
27.1	0.9879	0.9979	0.9916	0.9867	0.9500	0.9898	0.9851	0.9754
27.2	0.9897	0.9976	0.9927	0.9882	0.9618	0.9901	0.9870	0.9795
27.3	0.9848	0.9964	0.9914	0.9883	0.9669	0.9894	0.9881	0.9791
27.4	0.9891	0.9969	0.9929	0.9888	0.9702	0.9909	0.9875	0.9819
27.5	0.9870	0.9965	0.9931	0.9895	0.9813	0.9916	0.9880	0.9822
27.6	0.9879	0.9958	0.9910	0.9906	0.9816	0.9889	0.9897	0.9765
27.7	0.9903	0.9962	0.9907	0.9918	0.9775	0.9875	0.9914	0.9770
27.8	0.9900	0.9954	0.9909	0.9906	0.9785	0.9888	0.9906	0.9763
27.9	0.9885	0.9941	0.9894	0.9902	0.9746	0.9877	0.9900	0.9720
28.0	0.9924	0.9933	0.9909	0.9922	0.9781	0.9893	0.9921	0.9761
28.1	0.9942	0.9953	0.9920	0.9946	0.9832	0.9905	0.9946	0.9759
28.2	0.9930	0.9956	0.9904	0.9946	0.9833	0.9894	0.9950	0.9720
28.3	0.9931	0.9951	0.9917	0.9943	0.9862	0.9904	0.9943	0.9706
28.4	0.9937	0.9940	0.9917	0.9940	0.9812	0.9899	0.9940	0.9721
28.5	0.9932	0.9936	0.9926	0.9947	0.9868	0.9911	0.9943	0.9745
28.6	0.9930	0.9910	0.9901	0.9942	0.9839	0.9884	0.9943	0.9687
28.7	0.9895	0.9862	0.9842	0.9901	0.9727	0.9826	0.9911	0.9578
28.8	0.9916	0.9861	0.9849	0.9891	0.9745	0.9846	0.9897	0.9605
28.9	0.9918	0.9892	0.9879	0.9907	0.9800	0.9882	0.9910	0.9650
29.0	0.9922	0.9893	0.9894	0.9901	0.9824	0.9892	0.9897	0.9720
29.1	0.9924	0.9904	0.9901	0.9923	0.9851	0.9900	0.9923	0.9728
29.2	0.9903	0.9893	0.9912	0.9921	0.9852	0.9907	0.9922	0.9699
29.3	0.9889	0.9853	0.9874	0.9904	0.9801	0.9866	0.9898	0.9615
29.4	0.9857	0.9818	0.9849	0.9852	0.9743	0.9838	0.9842	0.9540
29.5	0.9895	0.9873	0.9897	0.9891	0.9818	0.9891	0.9887	0.9675
29.6	0.9880	0.9828	0.9878	0.9892	0.9811	0.9875	0.9879	0.9673
29.7	0.9851	0.9778	0.9844	0.9868	0.9739	0.9841	0.9857	0.9606
29.8	0.9864	0.9800	0.9848	0.9876	0.9724	0.9842	0.9868	0.9588
29.9	0.9796	0.9719	0.9779	0.9808	0.9585	0.9788	0.9794	0.9450
30.0	0.9752	0.9657	0.9789	0.9759	0.9671	0.9791	0.9741	0.9496
30.1	0.9834	0.9712	0.9828	0.9854	0.9725	0.9828	0.9839	0.9619
30.2	0.9826	0.9630	0.9812	0.9815	0.9693	0.9823	0.9789	0.9592
30.3	0.9847	0.9689	0.9837	0.9828	0.9713	0.9858	0.9811	0.9639
30.4	0.9841	0.9691	0.9838	0.9820	0.9678	0.9854	0.9797	0.9684
30.5	0.9835	0.9610	0.9835	0.9806	0.9685	0.9842	0.9788	0.9742
30.6	0.9828	0.9513	0.9808	0.9769	0.9556	0.9838	0.9745	0.9759
30.7	0.9804	0.9411	0.9751	0.9672	0.9464	0.9803	0.9627	0.9756
30.8	0.9811	0.9358	0.9774	0.9751	0.9581	0.9798	0.9724	0.9743
30.9	0.9824	0.9277	0.9740	0.9765	0.9475	0.9768	0.9742	0.9734
31.0	0.9769	0.9067	0.9731	0.9792	0.9304	0.9732	0.9767	0.9717
31.1	0.9768	0.8946	0.9711	0.9714	0.9065	0.9730	0.9694	0.9757
31.2	0.9729	0.8747	0.9646	0.9628	0.8709	0.9674	0.9602	0.9678
31.3	0.9727	0.8775	0.9634	0.9621	0.8585	0.9681	0.9593	0.9685
31.4	0.9681	0.8416	0.9563	0.9407	0.8163	0.9632	0.9342	0.9679
31.5	0.9702	0.8457	0.9579	0.9542	0.8569	0.9682	0.9526	0.9683
31.6	0.9682	0.8271	0.9547	0.9593	0.8486	0.9617	0.9566	0.9655
31.7	0.9602	0.7823	0.9451	0.9530	0.8390	0.9497	0.9487	0.9605
31.8	0.9720	0.7596	0.9525	0.9608	0.8810	0.9634	0.9593	0.9707
31.9	0.9568	0.6067	0.9333	0.9375	0.8783	0.9512	0.9383	0.9559
32.0	0.9350	0.5610	0.9052	0.9097	0.8690	0.9294	0.9107	0.9377
32.1	0.9392	0.6436	0.9126	0.9335	0.8729	0.9323	0.9339	0.9438
32.2	0.9416	0.6660	0.9167	0.9290	0.8940	0.9388	0.9317	0.9455
32.3	0.9293	0.6365	0.8978	0.8913	0.8887	0.9264	0.8918	0.9399
32.4	0.9338	0.7037	0.9092	0.9052	0.9068	0.9287	0.9052	0.9422
32.5	0.9364	0.7602	0.9109	0.9130	0.9044	0.9287	0.9126	0.9441
32.6	0.9411	0.8221	0.9158	0.9128	0.9106	0.9356	0.9122	0.9498
32.7	0.9136	0.8077	0.8897	0.8902	0.8769	0.9171	0.8897	0.9333
32.8	0.9228	0.8507	0.9076	0.9030	0.8970	0.9311	0.9030	0.9423
32.9	0.8994	0.8450	0.8784	0.8678	0.8669	0.9082	0.8674	0.9278
33.0	0.8896	0.8703	0.8727	0.8686	0.8580	0.8992	0.8677	0.9249
33.1	0.8895	0.8768	0.8777	0.8637	0.8714	0.9013	0.8621	0.9242
33.2	0.8576	0.8861	0.8586	0.8240	0.8485	0.8891	0.8197	0.9152
33.3	0.8999	0.9373	0.9017	0.8708	0.8926	0.9224	0.8670	0.9419
33.4	0.8438	0.9235	0.8513	0.7907	0.8262	0.8871	0.7798	0.9195
33.5	0.8689	0.9478	0.8810	0.8292	0.8624	0.9067	0.8164	0.9326
33.6	0.8768	0.9567	0.8906	0.8098	0.8747	0.9165	0.7936	0.9390
33.7	0.8865	0.9647	0.8987	0.8031	0.8870	0.9234	0.7821	0.9447

33.8	0.7871	0.9491	0.8129	0.6349	0.7834	0.8617	0.6013	0.9026
33.9	0.7562	0.9581	0.8032	0.5421	0.7758	0.8559	0.4908	0.9030
34.0	0.7367	0.9668	0.8102	0.4797	0.7879	0.8615	0.4027	0.9034
34.1	0.7649	0.9766	0.8444	0.5236	0.8306	0.8864	0.4619	0.9231
34.2	0.7152	0.9730	0.8004	0.4174	0.7802	0.8527	0.3541	0.9070
34.3	0.6202	0.9686	0.7729	0.2036	0.7570	0.8341	0.1189	0.8985
34.4	0.6036	0.9774	0.7848	0.0815	0.7671	0.8433	0.0552	0.9140
34.5	0.4921	0.9803	0.7558	0.0219	0.7468	0.8226	0.2759	0.9025
34.6	0.4632	0.9820	0.7279	0.3143	0.7254	0.8077	0.6050	0.8926
34.7	0.4963	0.9853	0.6847	0.6409	0.6815	0.7922	0.7953	0.8911
34.8	0.3848	0.9876	0.5728	0.8122	0.6257	0.7350	0.8852	0.8672
34.9	0.5680	0.9909	0.6078	0.8953	0.6940	0.7841	0.9395	0.9009
35.0	0.6629	0.9890	0.5477	0.9154	0.6934	0.7561	0.9492	0.8853
35.1	0.7670	0.9901	0.4220	0.9236	0.6805	0.6985	0.9451	0.8664
35.2	0.8271	0.9917	0.3798	0.9444	0.7006	0.7038	0.9571	0.8822
35.3	0.8593	0.9912	0.2457	0.9591	0.7077	0.6409	0.9684	0.8776
35.4	0.8547	0.9901	0.1617	0.9480	0.5805	0.6231	0.9615	0.8852
35.5	0.9116	0.9916	0.2451	0.9609	0.6648	0.6988	0.9691	0.9169
35.6	0.8993	0.9893	0.1000	0.9628	0.6412	0.5192	0.9684	0.8622
35.7	0.8746	0.9886	0.1881	0.9497	0.5779	0.5577	0.9586	0.8678
35.8	0.8991	0.9874	0.3667	0.9520	0.6651	0.5467	0.9598	0.8723
35.9	0.9349	0.9912	0.5230	0.9671	0.7618	0.6613	0.9709	0.9044
36.0	0.9535	0.9933	0.6397	0.9736	0.8208	0.7332	0.9737	0.9242
36.1	0.9337	0.9923	0.6160	0.9717	0.7729	0.7137	0.9721	0.9192
36.2	0.9486	0.9935	0.6756	0.9710	0.8366	0.6638	0.9708	0.9213
36.3	0.9514	0.9935	0.7021	0.9674	0.8476	0.6575	0.9701	0.9177
36.4	0.9543	0.9940	0.7593	0.9737	0.8388	0.7277	0.9775	0.9288
36.5	0.9686	0.9960	0.8073	0.9749	0.8655	0.7972	0.9778	0.9427
36.6	0.9593	0.9950	0.8164	0.9655	0.8614	0.8097	0.9681	0.9399
36.7	0.9641	0.9953	0.8263	0.9762	0.8708	0.7979	0.9767	0.9392
36.8	0.9667	0.9954	0.8347	0.9752	0.8588	0.8250	0.9765	0.9382
36.9	0.9626	0.9948	0.8452	0.9715	0.8581	0.8297	0.9743	0.9297
37.0	0.9770	0.9955	0.8953	0.9723	0.9105	0.8846	0.9737	0.9435
37.1	0.9795	0.9961	0.9231	0.9806	0.9242	0.9099	0.9793	0.9548
37.2	0.9744	0.9952	0.9262	0.9726	0.8999	0.9178	0.9739	0.9579
37.3	0.9677	0.9937	0.9159	0.9702	0.8711	0.9095	0.9724	0.9542
37.4	0.9481	0.9941	0.8852	0.9396	0.8330	0.8846	0.9443	0.9416
37.5	0.9606	0.9944	0.9212	0.9495	0.8570	0.9178	0.9485	0.9626
37.6	0.9724	0.9949	0.9492	0.9614	0.8958	0.9446	0.9595	0.9714
37.7	0.9608	0.9951	0.9482	0.9576	0.8549	0.9451	0.9562	0.9726
37.8	0.9517	0.9951	0.9423	0.9444	0.8181	0.9465	0.9404	0.9705
37.9	0.9572	0.9946	0.9441	0.9325	0.8063	0.9498	0.9247	0.9709
38.0	0.9465	0.9953	0.9549	0.9359	0.7932	0.9591	0.9249	0.9768
38.1	0.9358	0.9940	0.9483	0.9354	0.6579	0.9466	0.9252	0.9735
38.2	0.9411	0.9958	0.9699	0.9249	0.7873	0.9749	0.9102	0.9831
38.3	0.9195	0.9951	0.9652	0.9078	0.7001	0.9672	0.8829	0.9834
38.4	0.9189	0.9948	0.9589	0.8878	0.5311	0.9618	0.8580	0.9828
38.5	0.9173	0.9939	0.9605	0.8873	0.4854	0.9591	0.8526	0.9836
38.6	0.8962	0.9946	0.9537	0.8518	0.6034	0.9524	0.8024	0.9815
38.7	0.8988	0.9962	0.9693	0.8822	0.7512	0.9688	0.8500	0.9901
38.8	0.8592	0.9960	0.9662	0.8716	0.7971	0.9637	0.8459	0.9869
38.9	0.8361	0.9956	0.9672	0.8541	0.7761	0.9674	0.8559	0.9863
39.0	0.8036	0.9952	0.9671	0.8346	0.8162	0.9664	0.8582	0.9858
39.1	0.8103	0.9969	0.9803	0.8432	0.8471	0.9775	0.8776	0.9896
39.2	0.7741	0.9967	0.9798	0.8718	0.8784	0.9789	0.9019	0.9897
39.3	0.6778	0.9961	0.9788	0.8565	0.9005	0.9801	0.9003	0.9899
39.4	0.5083	0.9961	0.9819	0.8775	0.9312	0.9849	0.9293	0.9903
39.5	0.3015	0.9965	0.9818	0.8861	0.8980	0.9827	0.9260	0.9880
39.6	0.0755	0.9967	0.9840	0.9060	0.8968	0.9836	0.9399	0.9902
39.7	0.1339	0.9973	0.9871	0.8732	0.8831	0.9867	0.9236	0.9910
39.8	0.5085	0.9969	0.9878	0.8944	0.8793	0.9899	0.9305	0.9894
39.9	0.6310	0.9972	0.9893	0.9220	0.9120	0.9908	0.9434	0.9886
40.0	0.6663	0.9973	0.9891	0.9371	0.9443	0.9913	0.9588	0.9917
40.1	0.7599	0.9963	0.9852	0.9466	0.9507	0.9893	0.9640	0.9924
40.2	0.7789	0.9958	0.9853	0.9258	0.9455	0.9879	0.9489	0.9898
40.3	0.8386	0.9966	0.9876	0.9334	0.9467	0.9893	0.9535	0.9903
40.4	0.8472	0.9966	0.9854	0.9130	0.9196	0.9875	0.9392	0.9874
40.5	0.8372	0.9971	0.9849	0.9279	0.9313	0.9856	0.9508	0.9875
40.6	0.8732	0.9967	0.9869	0.9446	0.9369	0.9882	0.9613	0.9869
40.7	0.9010	0.9967	0.9870	0.9390	0.9212	0.9891	0.9565	0.9882
40.8	0.9161	0.9966	0.9873	0.9517	0.9402	0.9898	0.9632	0.9895
40.9	0.9194	0.9966	0.9908	0.9612	0.9470	0.9908	0.9694	0.9905
41.0	0.9341	0.9967	0.9850	0.9623	0.9482	0.9887	0.9707	0.9868
41.1	0.9345	0.9963	0.9845	0.9625	0.9413	0.9885	0.9687	0.9851
41.2	0.9262	0.9959	0.9872	0.9683	0.9361	0.9897	0.9733	0.9866
41.3	0.9295	0.9965	0.9839	0.9690	0.9458	0.9898	0.9743	0.9877
41.4	0.9154	0.9963	0.9836	0.9696	0.9550	0.9887	0.9733	0.9883
41.5	0.9270	0.9966	0.9852	0.9807	0.9623	0.9908	0.9838	0.9884
41.6	0.9211	0.9964	0.9830	0.9805	0.9561	0.9902	0.9841	0.9851
41.7	0.9363	0.9969	0.9853	0.9829	0.9685	0.9912	0.9848	0.9893
41.8	0.9379	0.9962	0.9819	0.9868	0.9710	0.9902	0.9870	0.9881
41.9	0.9514	0.9971	0.9894	0.9895	0.9798	0.9940	0.9897	0.9899
42.0	0.9474	0.9973	0.9870	0.9886	0.9784	0.9931	0.9897	0.9900
42.1	0.9461	0.9972	0.9856	0.9861	0.9770	0.9922	0.9872	0.9918
42.2	0.9391	0.9966	0.9868	0.9840	0.9781	0.9931	0.9856	0.9904
42.3	0.9539	0.9957	0.9832	0.9802	0.9747	0.9930	0.9823	0.9914

42.4	0.9551	0.9953	0.9785	0.9769	0.9596	0.9896	0.9792	0.9849
42.5	0.9315	0.9958	0.9837	0.9832	0.9679	0.9908	0.9838	0.9865
42.6	0.9414	0.9966	0.9816	0.9850	0.9721	0.9933	0.9865	0.9921
42.7	0.9384	0.9968	0.9828	0.9828	0.9730	0.9927	0.9843	0.9880
42.8	0.9178	0.9970	0.9822	0.9899	0.9740	0.9912	0.9894	0.9888
42.9	0.9207	0.9964	0.9771	0.9780	0.9701	0.9880	0.9781	0.9886
43.0	0.9376	0.9968	0.9859	0.9821	0.9776	0.9936	0.9831	0.9917
43.1	0.9503	0.9971	0.9863	0.9900	0.9895	0.9946	0.9903	0.9950
43.2	0.9316	0.9961	0.9859	0.9909	0.9888	0.9949	0.9910	0.9916
43.3	0.9253	0.9962	0.9874	0.9888	0.9795	0.9948	0.9890	0.9869
43.4	0.9380	0.9969	0.9873	0.9904	0.9786	0.9947	0.9906	0.9863
43.5	0.9159	0.9968	0.9813	0.9896	0.9771	0.9930	0.9900	0.9868
43.6	0.9394	0.9973	0.9846	0.9934	0.9883	0.9952	0.9937	0.9928
43.7	0.9054	0.9963	0.9814	0.9885	0.9735	0.9950	0.9893	0.9848
43.8	0.8706	0.9953	0.9806	0.9863	0.9695	0.9925	0.9868	0.9864
43.9	0.9012	0.9952	0.9787	0.9850	0.9735	0.9923	0.9853	0.9863
44.0	0.9152	0.9954	0.9819	0.9880	0.9783	0.9945	0.9882	0.9866
44.1	0.9275	0.9951	0.9856	0.9902	0.9913	0.9948	0.9899	0.9852
44.2	0.9292	0.9959	0.9866	0.9876	0.9855	0.9946	0.9882	0.9815
44.3	0.9257	0.9950	0.9841	0.9744	0.9579	0.9909	0.9749	0.9608
44.4	0.9310	0.9954	0.9846	0.9678	0.9260	0.9889	0.9688	0.9321
44.5	0.9384	0.9959	0.9866	0.9686	0.9402	0.9908	0.9694	0.9375
44.6	0.8764	0.9961	0.9824	0.9562	0.9815	0.9911	0.9555	0.9818
44.7	0.8304	0.9971	0.9807	0.9247	0.9794	0.9919	0.9244	0.9723
44.8	0.8583	0.9963	0.9792	0.9294	0.9664	0.9930	0.9302	0.9610
44.9	0.8671	0.9964	0.9780	0.9836	0.9848	0.9932	0.9839	0.9808
45.0	0.9169	0.9962	0.9716	0.9877	0.9867	0.9934	0.9881	0.9832
45.1	0.9279	0.9962	0.9764	0.9873	0.9898	0.9936	0.9878	0.9861
45.2	0.9081	0.9959	0.9832	0.9800	0.9894	0.9937	0.9796	0.9830
45.3	0.9289	0.9972	0.9784	0.9798	0.9844	0.9941	0.9803	0.9886
45.4	0.8943	0.9964	0.9738	0.9775	0.9687	0.9937	0.9787	0.9673
45.5	0.8916	0.9963	0.9775	0.9760	0.9707	0.9932	0.9768	0.9638
45.6	0.8979	0.9966	0.9802	0.9718	0.9698	0.9915	0.9713	0.9662
45.7	0.8914	0.9961	0.9805	0.9617	0.9522	0.9904	0.9607	0.9513
45.8	0.8826	0.9953	0.9794	0.9845	0.9753	0.9920	0.9845	0.9810
45.9	0.8895	0.9950	0.9760	0.9834	0.9865	0.9903	0.9827	0.9866
46.0	0.9094	0.9960	0.9832	0.9843	0.9824	0.9922	0.9841	0.9840
46.1	0.8665	0.9938	0.9786	0.9753	0.9765	0.9900	0.9732	0.9669
46.2	0.7924	0.9940	0.9791	0.9376	0.9307	0.9844	0.9364	0.9237
46.3	0.8344	0.9966	0.9802	0.9271	0.9172	0.9867	0.9254	0.8908
46.4	0.7952	0.9963	0.9784	0.9776	0.9478	0.9867	0.9759	0.9206
46.5	0.8578	0.9962	0.9802	0.9583	0.9343	0.9867	0.9529	0.8459
46.6	0.9193	0.9973	0.9831	0.9584	0.9678	0.9906	0.9511	0.7870
46.7	0.9582	0.9971	0.9837	0.9870	0.9807	0.9914	0.9856	0.8964
46.8	0.9644	0.9967	0.9770	0.9883	0.9923	0.9903	0.9869	0.9201
46.9	0.9491	0.9974	0.9753	0.9819	0.9879	0.9875	0.9799	0.9441
47.0	0.9232	0.9969	0.9793	0.9677	0.9621	0.9886	0.9647	0.8848
47.1	0.9035	0.9959	0.9681	0.9089	0.8796	0.9831	0.9020	0.6410
47.2	0.9376	0.9953	0.9712	0.9396	0.9370	0.9863	0.9340	0.2360
47.3	0.9603	0.9948	0.9759	0.9857	0.9757	0.9910	0.9849	0.8713
47.4	0.9575	0.9949	0.9624	0.9794	0.9689	0.9869	0.9788	0.9135
47.5	0.9624	0.9965	0.9557	0.9883	0.9906	0.9889	0.9873	0.9611
47.6	0.9494	0.9965	0.9669	0.9892	0.9827	0.9905	0.9877	0.9111
47.7	0.9552	0.9969	0.9778	0.9883	0.9803	0.9917	0.9866	0.8813
47.8	0.9279	0.9968	0.9722	0.9846	0.9704	0.9887	0.9825	0.7195
47.9	0.9277	0.9959	0.9696	0.9895	0.9778	0.9859	0.9880	0.7122
48.0	0.9405	0.9962	0.9638	0.9663	0.9369	0.9841	0.9636	0.5556
48.1	0.9399	0.9967	0.9567	0.9459	0.9332	0.9854	0.9418	0.6035
48.2	0.9528	0.9975	0.9636	0.9722	0.9783	0.9889	0.9688	0.8558
48.3	0.9310	0.9977	0.9658	0.9621	0.9809	0.9898	0.9578	0.8653
48.4	0.8993	0.9968	0.9622	0.9815	0.9792	0.9881	0.9792	0.8589
48.5	0.8980	0.9967	0.9482	0.9805	0.9719	0.9877	0.9772	0.8298
48.6	0.9076	0.9972	0.9479	0.9774	0.9834	0.9881	0.9750	0.9183
48.7	0.9208	0.9956	0.9302	0.9702	0.9838	0.9841	0.9671	0.9224
48.8	0.9062	0.9958	0.9392	0.9733	0.9834	0.9833	0.9704	0.7956
48.9	0.8833	0.9963	0.9371	0.9654	0.9716	0.9834	0.9610	0.7997
49.0	0.8420	0.9971	0.9304	0.9726	0.9697	0.9860	0.9692	0.9194
49.1	0.8422	0.9970	0.9432	0.9628	0.9687	0.9885	0.9569	0.9167
49.2	0.9035	0.9968	0.9222	0.9619	0.9607	0.9855	0.9573	0.9264
49.3	0.9245	0.9977	0.8889	0.9808	0.9799	0.9875	0.9788	0.9526
49.4	0.9050	0.9968	0.7972	0.9744	0.9727	0.9844	0.9721	0.9189
49.5	0.8975	0.9970	0.8573	0.9645	0.9760	0.9879	0.9610	0.9271
49.6	0.8678	0.9971	0.8496	0.9623	0.9775	0.9885	0.9596	0.9617
49.7	0.8848	0.9972	0.7959	0.9845	0.9917	0.9877	0.9829	0.9570
49.8	0.9304	0.9959	0.7731	0.9838	0.9873	0.9855	0.9817	0.9297
49.9	0.9192	0.9958	0.8314	0.9587	0.9652	0.9851	0.9526	0.7404
50.0	0.9184	0.9966	0.8652	0.9685	0.9816	0.9872	0.9652	0.9220
50.1	0.9330	0.9964	0.8790	0.9865	0.9922	0.9905	0.9844	0.9651
50.2	0.9336	0.9968	0.8810	0.9927	0.9915	0.9924	0.9913	0.9598
50.3	0.8870	0.9966	0.8768	0.9907	0.9906	0.9899	0.9893	0.9333
50.4	0.8210	0.9964	0.8946	0.9761	0.9875	0.9904	0.9716	0.8874
50.5	0.8427	0.9960	0.9217	0.9671	0.9836	0.9900	0.9616	0.9132
50.6	0.8999	0.9959	0.9089	0.9630	0.9813	0.9892	0.9558	0.8301
50.7	0.9114	0.9961	0.9097	0.9477	0.9630	0.9905	0.9357	0.6868
50.8	0.8794	0.9971	0.9229	0.9577	0.9782	0.9902	0.9443	0.9080
50.9	0.8489	0.9960	0.8841	0.9531	0.9793	0.9894	0.9374	0.8836

51.0	0.8209	0.9952	0.8443	0.8918	0.9515	0.9840	0.8637	0.8404
51.1	0.8386	0.9953	0.8454	0.9236	0.9622	0.9850	0.9098	0.9168
51.2	0.8812	0.9954	0.8071	0.9635	0.9825	0.9920	0.9570	0.9492
51.3	0.8665	0.9961	0.7819	0.9728	0.9841	0.9926	0.9685	0.9514
51.4	0.6863	0.9964	0.7325	0.9093	0.9599	0.9884	0.8929	0.8304
51.5	0.6960	0.9967	0.8329	0.9198	0.9653	0.9897	0.9090	0.8992
51.6	0.7678	0.9962	0.6918	0.9411	0.9738	0.9894	0.9329	0.9215
51.7	0.8231	0.9955	0.5574	0.9620	0.9806	0.9905	0.9573	0.9387
51.8	0.7308	0.9958	0.5856	0.9681	0.9806	0.9915	0.9642	0.9442
51.9	0.5464	0.9963	0.6046	0.9669	0.9801	0.9909	0.9624	0.9407
52.0	0.4080	0.9956	0.7126	0.9667	0.9789	0.9888	0.9622	0.9446
52.1	0.2487	0.9954	0.5685	0.9783	0.9847	0.9912	0.9752	0.9513
52.2	0.3776	0.9958	0.4013	0.9814	0.9893	0.9943	0.9784	0.9544
52.3	0.5104	0.9961	0.1504	0.9770	0.9851	0.9937	0.9731	0.9101
52.4	0.4952	0.9961	0.3193	0.9671	0.9793	0.9925	0.9608	0.8937
52.5	0.1829	0.9962	0.4978	0.9701	0.9789	0.9913	0.9657	0.9184
52.6	0.4899	0.9966	0.5116	0.9760	0.9834	0.9939	0.9721	0.9249
52.7	0.7359	0.9962	0.5968	0.9330	0.9607	0.9894	0.9261	0.8752
52.8	0.8957	0.9967	0.8230	0.9605	0.9733	0.9892	0.9578	0.9435
52.9	0.8970	0.9963	0.8240	0.9701	0.9806	0.9896	0.9675	0.9478
53.0	0.8604	0.9962	0.8557	0.9874	0.9902	0.9939	0.9860	0.9652
53.1	0.8705	0.9959	0.8588	0.9887	0.9939	0.9940	0.9871	0.9668
53.2	0.8996	0.9957	0.8727	0.9885	0.9925	0.9939	0.9871	0.9541
53.3	0.9232	0.9965	0.8070	0.9807	0.9745	0.9925	0.9787	0.9012
53.4	0.9055	0.9967	0.7099	0.9600	0.9361	0.9886	0.9557	0.8732
53.5	0.8900	0.9961	0.8271	0.9615	0.9475	0.9864	0.9580	0.8989
53.6	0.8948	0.9964	0.8650	0.9613	0.9718	0.9924	0.9568	0.9116
53.7	0.9459	0.9974	0.9160	0.9685	0.9772	0.9910	0.9662	0.9490
53.8	0.9471	0.9963	0.8725	0.9583	0.9426	0.9848	0.9554	0.9143
53.9	0.9459	0.9956	0.9162	0.9635	0.9624	0.9835	0.9616	0.9411
54.0	0.9583	0.9967	0.9635	0.9838	0.9855	0.9911	0.9829	0.9725
54.1	0.9096	0.9957	0.9623	0.9805	0.9791	0.9876	0.9792	0.9512
54.2	0.8820	0.9943	0.8715	0.9402	0.9307	0.9731	0.9339	0.7806
54.3	0.9439	0.9957	0.9132	0.9580	0.9583	0.9777	0.9550	0.8968
54.4	0.9732	0.9953	0.9670	0.9829	0.9847	0.9867	0.9822	0.9683
54.5	0.9857	0.9965	0.9848	0.9922	0.9935	0.9940	0.9918	0.9844
54.6	0.9873	0.9956	0.9818	0.9889	0.9890	0.9907	0.9882	0.9705
54.7	0.9798	0.9944	0.9658	0.9814	0.9742	0.9863	0.9800	0.9007
54.8	0.9591	0.9925	0.9279	0.9681	0.9457	0.9822	0.9656	0.8929
54.9	0.9769	0.9942	0.9680	0.9830	0.9759	0.9884	0.9823	0.9644
55.0	0.9820	0.9950	0.9809	0.9881	0.9862	0.9908	0.9875	0.9752
55.1	0.9841	0.9957	0.9818	0.9899	0.9921	0.9926	0.9890	0.9772
55.2	0.9799	0.9962	0.9835	0.9897	0.9923	0.9918	0.9889	0.9739
55.3	0.9779	0.9956	0.9856	0.9906	0.9920	0.9925	0.9901	0.9793
55.4	0.9573	0.9951	0.9739	0.9811	0.9857	0.9893	0.9796	0.9552
55.5	0.9223	0.9943	0.9508	0.9655	0.9737	0.9844	0.9627	0.9295
55.6	0.9628	0.9956	0.9766	0.9830	0.9867	0.9898	0.9819	0.9652
55.7	0.9811	0.9953	0.9875	0.9914	0.9931	0.9932	0.9909	0.9819
55.8	0.9805	0.9948	0.9888	0.9916	0.9924	0.9924	0.9913	0.9827
55.9	0.9773	0.9960	0.9913	0.9934	0.9938	0.9939	0.9929	0.9789
56.0	0.9112	0.9928	0.9604	0.9586	0.9610	0.9807	0.9551	0.8724
56.1	0.9469	0.9932	0.9687	0.9694	0.9704	0.9836	0.9677	0.9345
56.2	0.9663	0.9936	0.9769	0.9800	0.9808	0.9859	0.9790	0.9583
56.3	0.9819	0.9942	0.9903	0.9929	0.9936	0.9935	0.9925	0.9821
56.4	0.9792	0.9947	0.9881	0.9920	0.9929	0.9928	0.9916	0.9810
56.5	0.9800	0.9954	0.9881	0.9922	0.9931	0.9934	0.9918	0.9802
56.6	0.9816	0.9943	0.9888	0.9923	0.9930	0.9928	0.9920	0.9810
56.7	0.9781	0.9938	0.9889	0.9924	0.9931	0.9931	0.9922	0.9824
56.8	0.9695	0.9937	0.9875	0.9902	0.9921	0.9912	0.9898	0.9751
56.9	0.9712	0.9938	0.9888	0.9912	0.9926	0.9918	0.9908	0.9746
57.0	0.9689	0.9914	0.9855	0.9897	0.9908	0.9909	0.9892	0.9663
57.1	0.9182	0.9930	0.9763	0.9782	0.9683	0.9849	0.9770	0.9064
57.2	0.9000	0.9932	0.9656	0.9651	0.9557	0.9810	0.9626	0.8842
57.3	0.9584	0.9927	0.9799	0.9838	0.9831	0.9879	0.9829	0.9612
57.4	0.9537	0.9909	0.9818	0.9854	0.9825	0.9873	0.9849	0.9646
57.5	0.9704	0.9918	0.9834	0.9884	0.9901	0.9902	0.9879	0.9699
57.6	0.9721	0.9928	0.9845	0.9876	0.9911	0.9891	0.9870	0.9660
57.7	0.9743	0.9931	0.9872	0.9891	0.9913	0.9897	0.9886	0.9705
57.8	0.9781	0.9935	0.9884	0.9912	0.9933	0.9919	0.9907	0.9712
57.9	0.9576	0.9911	0.9821	0.9865	0.9897	0.9879	0.9854	0.9543
58.0	0.9586	0.9916	0.9865	0.9893	0.9914	0.9894	0.9887	0.9618
58.1	0.9654	0.9918	0.9849	0.9876	0.9915	0.9890	0.9868	0.9515
58.2	0.9539	0.9914	0.9813	0.9837	0.9895	0.9862	0.9825	0.9392
58.3	0.9454	0.9924	0.9863	0.9882	0.9917	0.9896	0.9875	0.9497
58.4	0.9712	0.9932	0.9857	0.9880	0.9906	0.9893	0.9872	0.9291
58.5	0.9677	0.9903	0.9834	0.9866	0.9891	0.9882	0.9856	0.8564
58.6	0.9596	0.9894	0.9775	0.9798	0.9829	0.9826	0.9785	0.8765
58.7	0.9671	0.9862	0.9780	0.9797	0.9841	0.9810	0.9786	0.9243
58.8	0.9605	0.9853	0.9785	0.9792	0.9838	0.9799	0.9779	0.9013
58.9	0.9721	0.9865	0.9840	0.9849	0.9869	0.9847	0.9842	0.9202
59.0	0.9464	0.9870	0.9829	0.9833	0.9879	0.9838	0.9823	0.8888
59.1	0.9425	0.9885	0.9843	0.9847	0.9893	0.9852	0.9837	0.8941
59.2	0.9690	0.9903	0.9851	0.9858	0.9899	0.9858	0.9849	0.9063
59.3	0.9696	0.9899	0.9841	0.9848	0.9887	0.9855	0.9837	0.8837
59.4	0.9596	0.9910	0.9820	0.9833	0.9900	0.9864	0.9817	0.8318
59.5	0.9443	0.9897	0.9780	0.9797	0.9879	0.9832	0.9777	0.8034

59.6	0.9533	0.9888	0.9819	0.9818	0.9885	0.9844	0.9798	0.7802
59.7	0.9561	0.9902	0.9821	0.9830	0.9896	0.9872	0.9811	0.7753
59.8	0.9363	0.9885	0.9779	0.9783	0.9873	0.9816	0.9764	0.5860
59.9	0.9500	0.9888	0.9789	0.9788	0.9882	0.9825	0.9771	0.5766
60.0	0.9480	0.9882	0.9801	0.9807	0.9886	0.9840	0.9807	0.5291
60.1	0.9351	0.9898	0.9837	0.9835	0.9888	0.9836	0.9830	0.3735
60.2	0.9490	0.9885	0.9860	0.9858	0.9890	0.9853	0.9849	0.1516
60.3	0.9417	0.9895	0.9831	0.9830	0.9901	0.9858	0.9810	0.0336
60.4	0.9316	0.9915	0.9857	0.9838	0.9919	0.9864	0.9818	0.0958
60.5	0.9252	0.9890	0.9833	0.9800	0.9889	0.9825	0.9778	0.1795
60.6	0.9450	0.9873	0.9780	0.9771	0.9856	0.9807	0.9742	0.3530
60.7	0.9556	0.9904	0.9851	0.9831	0.9897	0.9847	0.9809	0.6035
60.8	0.9521	0.9894	0.9840	0.9824	0.9901	0.9842	0.9801	0.6560
60.9	0.9639	0.9913	0.9854	0.9838	0.9917	0.9863	0.9813	0.7347
61.0	0.9631	0.9897	0.9815	0.9811	0.9891	0.9838	0.9786	0.7609
61.1	0.9629	0.9882	0.9773	0.9778	0.9872	0.9832	0.9747	0.7974
61.2	0.9627	0.9871	0.9785	0.9798	0.9870	0.9847	0.9773	0.8151
61.3	0.9721	0.9894	0.9854	0.9854	0.9902	0.9873	0.9835	0.8082
61.4	0.9475	0.9815	0.9763	0.9748	0.9830	0.9783	0.9718	0.7648
61.5	0.9405	0.9815	0.9721	0.9725	0.9826	0.9762	0.9684	0.8393
61.6	0.9578	0.9856	0.9793	0.9788	0.9869	0.9824	0.9759	0.9212
61.7	0.9411	0.9833	0.9743	0.9734	0.9846	0.9769	0.9690	0.8986
61.8	0.9284	0.9856	0.9762	0.9762	0.9858	0.9774	0.9723	0.8840
61.9	0.9480	0.9856	0.9801	0.9746	0.9853	0.9773	0.9717	0.9149
62.0	0.9376	0.9847	0.9783	0.9717	0.9856	0.9744	0.9681	0.8909
62.1	0.9009	0.9830	0.9723	0.9701	0.9833	0.9708	0.9660	0.9064
62.2	0.9065	0.9873	0.9814	0.9825	0.9887	0.9825	0.9800	0.9486
62.3	0.8615	0.9875	0.9818	0.9809	0.9887	0.9821	0.9772	0.9408
62.4	0.8561	0.9846	0.9746	0.9697	0.9838	0.9697	0.9644	0.9320
62.5	0.8831	0.9861	0.9820	0.9778	0.9873	0.9766	0.9743	0.9526
62.6	0.8585	0.9861	0.9819	0.9817	0.9877	0.9799	0.9788	0.9559
62.7	0.8136	0.9845	0.9758	0.9766	0.9850	0.9781	0.9729	0.9549
62.8	0.7924	0.9816	0.9703	0.9710	0.9801	0.9770	0.9668	0.9645
62.9	0.7380	0.9830	0.9704	0.9654	0.9819	0.9695	0.9601	0.9638
63.0	0.6443	0.9856	0.9779	0.9729	0.9853	0.9718	0.9686	0.9682
63.1	0.7146	0.9873	0.9800	0.9791	0.9876	0.9806	0.9759	0.9578
63.2	0.7193	0.9847	0.9772	0.9749	0.9854	0.9751	0.9713	0.9545
63.3	0.6702	0.9825	0.9715	0.9698	0.9839	0.9667	0.9655	0.9535
63.4	0.6717	0.9876	0.9741	0.9745	0.9878	0.9715	0.9713	0.9520
63.5	0.7513	0.9892	0.9767	0.9749	0.9885	0.9785	0.9715	0.9644
63.6	0.7380	0.9852	0.9753	0.9749	0.9859	0.9775	0.9712	0.9689
63.7	0.7432	0.9873	0.9819	0.9825	0.9883	0.9802	0.9803	0.9743
63.8	0.6913	0.9887	0.9822	0.9812	0.9884	0.9803	0.9784	0.9722
63.9	0.6482	0.9853	0.9773	0.9794	0.9849	0.9789	0.9766	0.9597
64.0	0.6790	0.9835	0.9801	0.9818	0.9844	0.9810	0.9797	0.9607
64.1	0.7383	0.9836	0.9782	0.9774	0.9847	0.9757	0.9745	0.9640
64.2	0.7672	0.9793	0.9718	0.9707	0.9824	0.9722	0.9669	0.9486
64.3	0.8224	0.9795	0.9786	0.9789	0.9824	0.9765	0.9765	0.9583
64.4	0.8178	0.9800	0.9765	0.9778	0.9814	0.9804	0.9751	0.9511
64.5	0.8220	0.9798	0.9746	0.9776	0.9813	0.9792	0.9751	0.9443
64.6	0.8216	0.9811	0.9777	0.9763	0.9828	0.9802	0.9735	0.9412
64.7	0.8065	0.9850	0.9835	0.9808	0.9874	0.9791	0.9785	0.9540
64.8	0.8245	0.9836	0.9814	0.9783	0.9861	0.9758	0.9758	0.9550
64.9	0.8535	0.9815	0.9808	0.9783	0.9858	0.9784	0.9760	0.9594
65.0	0.8734	0.9876	0.9832	0.9782	0.9895	0.9759	0.9753	0.9592
65.1	0.7862	0.9787	0.9744	0.9700	0.9834	0.9582	0.9659	0.9284
65.2	0.7516	0.9702	0.9607	0.9576	0.9747	0.9457	0.9526	0.8868
65.3	0.8481	0.9771	0.9676	0.9666	0.9815	0.9529	0.9626	0.9267
65.4	0.8862	0.9824	0.9763	0.9738	0.9869	0.9608	0.9706	0.9540
65.5	0.8572	0.9808	0.9719	0.9679	0.9839	0.9554	0.9640	0.9354
65.6	0.8493	0.9821	0.9700	0.9671	0.9832	0.9535	0.9630	0.9348
65.7	0.8268	0.9766	0.9627	0.9622	0.9821	0.9478	0.9578	0.9215
65.8	0.8399	0.9776	0.9663	0.9683	0.9832	0.9514	0.9650	0.9313
65.9	0.8231	0.9745	0.9519	0.9513	0.9794	0.9332	0.9465	0.9166
66.0	0.8761	0.9718	0.9447	0.9479	0.9767	0.9042	0.9434	0.9036
66.1	0.9007	0.9739	0.9465	0.9452	0.9795	0.8981	0.9400	0.9146
66.2	0.8841	0.9695	0.9369	0.9432	0.9737	0.8572	0.9375	0.9033
66.3	0.9351	0.9728	0.9403	0.9513	0.9769	0.8911	0.9472	0.9118
66.4	0.9469	0.9744	0.9385	0.9460	0.9815	0.8971	0.9417	0.9126
66.5	0.9274	0.9683	0.9339	0.9381	0.9775	0.8576	0.9333	0.9062
66.6	0.9390	0.9702	0.9349	0.9302	0.9777	0.8191	0.9233	0.9251
66.7	0.9646	0.9714	0.9323	0.9336	0.9792	0.8420	0.9289	0.9208
66.8	0.9655	0.9655	0.9057	0.9166	0.9733	0.7644	0.9122	0.8938
66.9	0.9560	0.9678	0.8954	0.9032	0.9712	0.7009	0.8972	0.9016
67.0	0.9435	0.9617	0.9047	0.9093	0.9712	0.5968	0.9034	0.9064
67.1	0.9559	0.9614	0.9067	0.9137	0.9730	0.5716	0.9102	0.9075
67.2	0.9727	0.9711	0.9320	0.9357	0.9798	0.6440	0.9323	0.9284
67.3	0.9725	0.9679	0.9277	0.9232	0.9771	0.5816	0.9178	0.9327
67.4	0.9662	0.9647	0.9154	0.9207	0.9715	0.5829	0.9184	0.9207
67.5	0.9512	0.9577	0.8918	0.8992	0.9665	0.5657	0.8974	0.9007
67.6	0.9389	0.9534	0.9114	0.9104	0.9736	0.6348	0.9080	0.9104
67.7	0.9564	0.9665	0.9281	0.9416	0.9778	0.6805	0.9398	0.9368
67.8	0.9657	0.9684	0.9382	0.9418	0.9806	0.7045	0.9394	0.9464
67.9	0.9636	0.9725	0.9202	0.9092	0.9758	0.7467	0.9056	0.9341
68.0	0.9543	0.9522	0.9069	0.8853	0.9743	0.7068	0.8837	0.9242
68.1	0.9456	0.9475	0.9231	0.9052	0.9734	0.7707	0.9019	0.9338

68.2	0.9467	0.9463	0.9235	0.9242	0.9724	0.8145	0.9243	0.9381
68.3	0.9397	0.9267	0.9120	0.9085	0.9697	0.7908	0.9106	0.9376
68.4	0.9426	0.9354	0.9329	0.9014	0.9735	0.8511	0.8966	0.9496
68.5	0.9379	0.9256	0.9068	0.8741	0.9611	0.8367	0.8707	0.9292
68.6	0.9217	0.9068	0.8721	0.8622	0.9456	0.7831	0.8621	0.9129
68.7	0.9253	0.9101	0.8934	0.8842	0.9501	0.8295	0.8803	0.9337
68.8	0.9382	0.8779	0.9099	0.8724	0.9583	0.8349	0.8665	0.9402
68.9	0.9404	0.8624	0.9261	0.8103	0.9624	0.8814	0.8043	0.9420
69.0	0.9558	0.8874	0.9470	0.8485	0.9719	0.9084	0.8363	0.9592
69.1	0.9490	0.8997	0.9390	0.8026	0.9662	0.9106	0.7702	0.9553
69.2	0.9453	0.8901	0.9370	0.6877	0.9654	0.9148	0.5912	0.9579
69.3	0.9223	0.8535	0.9231	0.6203	0.9540	0.9048	0.4424	0.9467
69.4	0.9044	0.8202	0.9009	0.5737	0.9430	0.8784	0.3525	0.9231
69.5	0.9042	0.8158	0.8970	0.5703	0.9403	0.8832	0.3784	0.9217
69.6	0.9319	0.8538	0.9214	0.5849	0.9516	0.9019	0.2897	0.9367
69.7	0.9407	0.8691	0.9262	0.6521	0.9526	0.9136	0.3774	0.9379
69.8	0.9421	0.8502	0.9335	0.6646	0.9556	0.9213	0.3053	0.9418
69.9	0.9423	0.8782	0.9280	0.6502	0.9481	0.9211	0.2986	0.9397
70.0	0.9418	0.8794	0.9305	0.6903	0.9483	0.9280	0.3390	0.9455
70.1	0.9309	0.8655	0.9268	0.6706	0.9487	0.9279	0.2779	0.9439
70.2	0.9289	0.8656	0.9175	0.5968	0.9380	0.9260	0.1735	0.9394
70.3	0.9350	0.8881	0.9220	0.5504	0.9393	0.9352	0.1062	0.9449
70.4	0.9395	0.9054	0.9323	0.6137	0.9412	0.9406	0.0762	0.9502
70.5	0.9024	0.9107	0.9018	0.5823	0.9123	0.9266	0.1176	0.9293
70.6	0.8962	0.9165	0.8981	0.5030	0.9106	0.9353	0.0712	0.9331
70.7	0.8910	0.8969	0.9003	0.4553	0.9041	0.9277	0.0491	0.9263
70.8	0.9023	0.9051	0.8968	0.4630	0.9028	0.9295	0.1623	0.9219
70.9	0.8610	0.9047	0.8749	0.4347	0.8718	0.9235	0.2119	0.9193
71.0	0.8562	0.9059	0.8710	0.4270	0.8649	0.9298	0.2926	0.9216
71.1	0.8522	0.9475	0.8941	0.5456	0.8797	0.9502	0.2683	0.9413
71.2	0.8220	0.9655	0.9042	0.6300	0.8934	0.9579	0.3818	0.9478
71.3	0.7143	0.9462	0.8426	0.5640	0.8233	0.9386	0.4722	0.9165
71.4	0.6726	0.9277	0.8390	0.5649	0.8156	0.9373	0.4977	0.9121
71.5	0.7607	0.9317	0.8634	0.5526	0.8310	0.9435	0.5592	0.9224
71.6	0.7470	0.9494	0.8687	0.6584	0.8411	0.9495	0.6674	0.9288
71.7	0.5498	0.9419	0.8162	0.6661	0.7809	0.9459	0.6820	0.9079
71.8	0.3674	0.9354	0.8042	0.7276	0.7645	0.9373	0.7305	0.8985
71.9	0.4672	0.9247	0.7591	0.6937	0.6972	0.9178	0.7008	0.8722
72.0	0.5701	0.9305	0.7811	0.7007	0.7264	0.9226	0.7137	0.8850
72.1	0.5289	0.9432	0.7888	0.7789	0.7392	0.9414	0.7976	0.9050
72.2	0.6534	0.9388	0.7594	0.8177	0.7086	0.9387	0.8466	0.8920
72.3	0.6242	0.9625	0.7983	0.8644	0.7859	0.9560	0.8788	0.9128
72.4	0.5991	0.9632	0.8108	0.8588	0.8341	0.9661	0.8713	0.9241
72.5	0.6718	0.9655	0.7955	0.8886	0.8303	0.9656	0.8987	0.9224
72.6	0.6980	0.9605	0.7468	0.8901	0.7767	0.9625	0.8961	0.9118
72.7	0.6420	0.9331	0.6597	0.8605	0.7002	0.9496	0.8671	0.8936
72.8	0.6764	0.9425	0.7145	0.8554	0.7768	0.9498	0.8619	0.8938
72.9	0.7274	0.9482	0.7148	0.8879	0.7870	0.9515	0.8937	0.8821
73.0	0.7165	0.9456	0.7577	0.9040	0.8050	0.9507	0.9073	0.8616
73.1	0.6401	0.9262	0.6945	0.8865	0.7866	0.9517	0.8922	0.8709
73.2	0.6261	0.9282	0.6209	0.8472	0.7550	0.9442	0.8529	0.8325
73.3	0.7431	0.9378	0.6574	0.8806	0.7647	0.9399	0.8827	0.8147
73.4	0.6523	0.9070	0.6361	0.8478	0.7487	0.9202	0.8483	0.7721
73.5	0.7140	0.9324	0.6909	0.8964	0.7820	0.9403	0.8989	0.7940
73.6	0.7989	0.9393	0.8031	0.9196	0.8642	0.9409	0.9161	0.8326
73.7	0.7433	0.9080	0.7286	0.8932	0.8418	0.9395	0.8900	0.7961
73.8	0.7392	0.9059	0.7531	0.8977	0.8388	0.9169	0.8899	0.7539
73.9	0.7460	0.9025	0.7225	0.8715	0.8533	0.9206	0.8649	0.7873
74.0	0.7828	0.8919	0.7196	0.8972	0.8515	0.9369	0.8964	0.8063
74.1	0.7916	0.9063	0.7366	0.8897	0.8342	0.9226	0.8861	0.7749
74.2	0.6874	0.8841	0.6489	0.8308	0.8136	0.9097	0.8268	0.7571
74.3	0.6880	0.8703	0.6921	0.8481	0.8421	0.9074	0.8386	0.7332
74.4	0.6958	0.8785	0.7522	0.8368	0.8541	0.8994	0.8247	0.7352
74.5	0.6629	0.8578	0.6247	0.7979	0.8229	0.8959	0.7954	0.6956
74.6	0.6890	0.8406	0.5775	0.8071	0.8004	0.8891	0.8050	0.6501
74.7	0.6925	0.8420	0.6537	0.8226	0.8226	0.8942	0.8128	0.6453
74.8	0.7500	0.8552	0.7444	0.8701	0.8344	0.9101	0.8621	0.6973
74.9	0.6739	0.8077	0.6849	0.8645	0.8092	0.9057	0.8616	0.6484
75.0	0.6705	0.7489	0.6424	0.8511	0.8174	0.8940	0.8454	0.6321
75.1	0.7434	0.7893	0.6908	0.8780	0.8567	0.9196	0.8756	0.7380
75.2	0.7290	0.7878	0.6660	0.8718	0.8276	0.8935	0.8643	0.6753
75.3	0.6786	0.7759	0.6939	0.8279	0.8337	0.8783	0.8117	0.6937
75.4	0.7099	0.6968	0.7213	0.8475	0.8162	0.8647	0.8277	0.6240
75.5	0.6563	0.5920	0.7722	0.8641	0.8638	0.8536	0.8398	0.6918
75.6	0.6493	0.5783	0.7488	0.8578	0.8823	0.8968	0.8424	0.7277
75.7	0.6773	0.5602	0.7823	0.8698	0.9013	0.8837	0.8460	0.7505
75.8	0.7170	0.6434	0.7555	0.8801	0.8571	0.8775	0.8598	0.7030
75.9	0.6635	0.5620	0.7738	0.8604	0.8394	0.8545	0.8299	0.6535
76.0	0.6615	0.5076	0.7835	0.8813	0.8817	0.8820	0.8568	0.7137
76.1	0.6383	0.3799	0.7977	0.8559	0.9049	0.8296	0.8218	0.7444
76.2	0.5882	0.3579	0.7942	0.8379	0.8949	0.8242	0.8019	0.7386
76.3	0.5640	0.2652	0.7586	0.8330	0.8532	0.8000	0.7957	0.6666
76.4	0.6265	0.3139	0.7640	0.8783	0.8331	0.8202	0.8450	0.6212
76.5	0.6414	0.3721	0.7914	0.8802	0.8512	0.8181	0.8486	0.6875
76.6	0.7347	0.4248	0.8532	0.9007	0.9042	0.8674	0.8789	0.7818
76.7	0.7273	0.2931	0.8678	0.8956	0.9066	0.8520	0.8687	0.8087

76.8	0.5908	0.2600	0.8595	0.8993	0.8819	0.7932	0.8497	0.7693
76.9	0.6279	0.3133	0.8405	0.8949	0.8770	0.7604	0.8457	0.7410
77.0	0.6718	0.3497	0.8329	0.9024	0.8470	0.6985	0.8608	0.6793
77.1	0.7760	0.3886	0.8569	0.9200	0.8651	0.7171	0.8921	0.7293
77.2	0.7716	0.3601	0.8991	0.9270	0.9066	0.7469	0.8900	0.8013
77.3	0.8056	0.4297	0.8956	0.9353	0.8936	0.7068	0.9065	0.7886
77.4	0.7863	0.3553	0.9010	0.9376	0.8871	0.6275	0.9067	0.8032
77.5	0.7725	0.4385	0.8593	0.9259	0.8312	0.5030	0.8931	0.7170
77.6	0.7905	0.5887	0.9000	0.9212	0.8906	0.5101	0.8882	0.8205
77.7	0.7434	0.5139	0.9032	0.9137	0.9078	0.5814	0.8835	0.8421
77.8	0.7692	0.5088	0.8950	0.9392	0.8704	0.6441	0.9200	0.7905
77.9	0.7865	0.5189	0.9173	0.9438	0.8907	0.6707	0.9220	0.8315
78.0	0.7504	0.4786	0.9024	0.9347	0.8864	0.6597	0.9164	0.8322
78.1	0.7235	0.5775	0.9026	0.9331	0.8740	0.5737	0.9130	0.8443
78.2	0.6971	0.5130	0.8952	0.9217	0.8618	0.5302	0.8899	0.8401
78.3	0.7699	0.5563	0.9243	0.9475	0.8587	0.5799	0.9174	0.8529
78.4	0.7871	0.5649	0.9358	0.9460	0.9050	0.7120	0.9228	0.8751
78.5	0.7967	0.6060	0.9182	0.9452	0.8654	0.7314	0.9267	0.8510
78.6	0.8483	0.7454	0.9190	0.9590	0.8485	0.8393	0.9523	0.8608
78.7	0.8917	0.7540	0.9332	0.9668	0.8669	0.8668	0.9626	0.8777
78.8	0.8676	0.7284	0.9353	0.9659	0.8507	0.8110	0.9578	0.8661
78.9	0.8277	0.7003	0.9326	0.9620	0.8401	0.8307	0.9521	0.8415
79.0	0.8309	0.6990	0.9107	0.9566	0.7800	0.8670	0.9509	0.8264
79.1	0.8048	0.5390	0.8956	0.9601	0.6778	0.8928	0.9564	0.7906
79.2	0.8261	0.6122	0.9130	0.9644	0.7428	0.9269	0.9595	0.8346
79.3	0.8291	0.6587	0.9043	0.9538	0.7448	0.9267	0.9481	0.8688
79.4	0.7367	0.6322	0.8858	0.9342	0.7303	0.8951	0.9261	0.8630
79.5	0.7201	0.7060	0.9117	0.9596	0.6970	0.9212	0.9518	0.8323
79.6	0.8091	0.8021	0.9314	0.9724	0.7264	0.9587	0.9690	0.8541
79.7	0.8064	0.7870	0.9279	0.9679	0.7536	0.9545	0.9638	0.8679
79.8	0.8057	0.7520	0.9265	0.9682	0.7474	0.9466	0.9644	0.8343
79.9	0.8329	0.7971	0.9351	0.9736	0.7959	0.9508	0.9703	0.8195
80.0	0.8036	0.8001	0.9117	0.9758	0.7976	0.9585	0.9738	0.7259

2.2.33 Run 3 – IP315-200 – Accels 17–24

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.2483	0.9570	0.5724	0.9839	0.9822	0.8544	0.9846	0.9971
0.1	0.1301	0.8639	0.3548	0.9580	0.9504	0.6269	0.9395	0.9883
0.2	0.0199	0.0053	0.0136	0.0123	0.0142	0.0009	0.0054	0.0088
0.3	0.0105	0.0417	0.0412	0.0043	0.0104	0.0048	0.0013	0.0014
0.4	0.0381	0.0088	0.0572	0.0729	0.0216	0.0139	0.0053	0.0024
0.5	0.0614	0.1111	0.0030	0.0003	0.0158	0.0036	0.0538	0.2076
0.6	0.2960	0.4057	0.0328	0.0413	0.3311	0.0124	0.2614	0.5433
0.7	0.7290	0.8356	0.0001	0.2394	0.7543	0.0464	0.6320	0.8591
0.8	0.8281	0.8957	0.0209	0.5558	0.8740	0.0591	0.7887	0.9175
0.9	0.8919	0.9126	0.0923	0.7832	0.9081	0.0984	0.9280	0.9595
1.0	0.7531	0.8203	0.1209	0.7324	0.8035	0.1106	0.8781	0.9494
1.1	0.4604	0.6541	0.1082	0.4635	0.5051	0.1241	0.6245	0.8952
1.2	0.6368	0.8464	0.2376	0.6791	0.7473	0.3845	0.8581	0.9443
1.3	0.5340	0.9218	0.5081	0.6132	0.6980	0.7450	0.8596	0.8831
1.4	0.1048	0.8940	0.7003	0.1435	0.6334	0.8933	0.8094	0.7464
1.5	0.5304	0.8989	0.7777	0.5500	0.6812	0.9395	0.8060	0.7668
1.6	0.8065	0.9269	0.8408	0.8231	0.7332	0.9636	0.8142	0.8288
1.7	0.9644	0.8439	0.7393	0.9649	0.8490	0.9510	0.9254	0.8354
1.8	0.9789	0.8532	0.7969	0.9771	0.8747	0.9606	0.9216	0.8552
1.9	0.9829	0.8388	0.8219	0.9718	0.8865	0.9747	0.9064	0.8534
2.0	0.9583	0.8906	0.9008	0.9495	0.9326	0.9569	0.9048	0.9072
2.1	0.8790	0.9214	0.9116	0.8824	0.9568	0.8897	0.8631	0.9400
2.2	0.8313	0.9388	0.8699	0.8354	0.9820	0.8486	0.8275	0.9568
2.3	0.3577	0.8636	0.4182	0.3615	0.9716	0.3945	0.3550	0.8592
2.4	0.6979	0.8898	0.5191	0.6834	0.9862	0.6300	0.6745	0.8818
2.5	0.9431	0.9534	0.8757	0.9403	0.9942	0.8959	0.9385	0.9689
2.6	0.9846	0.9782	0.9457	0.9838	0.9978	0.9536	0.9836	0.9871
2.7	0.9897	0.9843	0.9480	0.9891	0.9986	0.9398	0.9889	0.9911
2.8	0.9910	0.9846	0.9296	0.9903	0.9985	0.8956	0.9898	0.9916
2.9	0.9937	0.9838	0.9222	0.9938	0.9990	0.8268	0.9943	0.9913
3.0	0.9960	0.9832	0.9018	0.9965	0.9992	0.5952	0.9972	0.9911
3.1	0.9970	0.9866	0.8574	0.9974	0.9991	0.6579	0.9973	0.9932
3.2	0.9983	0.9928	0.8393	0.9983	0.9994	0.9083	0.9981	0.9965
3.3	0.9987	0.9937	0.8053	0.9990	0.9997	0.9490	0.9989	0.9970
3.4	0.9983	0.9922	0.5881	0.9985	0.9995	0.9411	0.9984	0.9962
3.5	0.9989	0.9936	0.4952	0.9992	0.9997	0.9815	0.9994	0.9970
3.6	0.9985	0.9917	0.3087	0.9990	0.9996	0.9851	0.9991	0.9961
3.7	0.9991	0.9946	0.4298	0.9994	0.9997	0.9897	0.9994	0.9972
3.8	0.9991	0.9952	0.6135	0.9994	0.9996	0.9921	0.9995	0.9975
3.9	0.9991	0.9952	0.7384	0.9994	0.9996	0.9932	0.9996	0.9976
4.0	0.9993	0.9954	0.8049	0.9996	0.9997	0.9964	0.9996	0.9977
4.1	0.9992	0.9958	0.8827	0.9995	0.9994	0.9935	0.9994	0.9981
4.2	0.9991	0.9958	0.9148	0.9994	0.9993	0.9941	0.9994	0.9981
4.3	0.9989	0.9961	0.9365	0.9991	0.9993	0.9942	0.9991	0.9983
4.4	0.9990	0.9971	0.9431	0.9990	0.9994	0.9951	0.9991	0.9986
4.5	0.9993	0.9986	0.9690	0.9993	0.9994	0.9951	0.9992	0.9992
4.6	0.9993	0.9985	0.9518	0.9993	0.9992	0.9955	0.9992	0.9992
4.7	0.9993	0.9984	0.9243	0.9990	0.9986	0.9940	0.9989	0.9990
4.8	0.9994	0.9985	0.9315	0.9990	0.9984	0.9933	0.9985	0.9989
4.9	0.9993	0.9984	0.9731	0.9990	0.9978	0.9954	0.9988	0.9985
5.0	0.9993	0.9986	0.9844	0.9990	0.9977	0.9961	0.9987	0.9985
5.1	0.9995	0.9981	0.9796	0.9991	0.9978	0.9955	0.9985	0.9978
5.2	0.9995	0.9979	0.9857	0.9991	0.9977	0.9967	0.9988	0.9973
5.3	0.9996	0.9980	0.9912	0.9992	0.9976	0.9974	0.9990	0.9972
5.4	0.9993	0.9975	0.9905	0.9992	0.9976	0.9972	0.9990	0.9967
5.5	0.9993	0.9974	0.9893	0.9991	0.9979	0.9977	0.9990	0.9964
5.6	0.9993	0.9962	0.9842	0.9990	0.9971	0.9972	0.9988	0.9950
5.7	0.9988	0.9961	0.9859	0.9986	0.9968	0.9968	0.9983	0.9945
5.8	0.9990	0.9973	0.9900	0.9984	0.9977	0.9973	0.9982	0.9960
5.9	0.9984	0.9962	0.9902	0.9978	0.9974	0.9983	0.9975	0.9951
6.0	0.9984	0.9963	0.9884	0.9976	0.9971	0.9983	0.9974	0.9956
6.1	0.9988	0.9969	0.9873	0.9984	0.9977	0.9976	0.9981	0.9957
6.2	0.9992	0.9972	0.9902	0.9990	0.9982	0.9973	0.9988	0.9959
6.3	0.9991	0.9969	0.9854	0.9989	0.9983	0.9955	0.9987	0.9955
6.4	0.9988	0.9977	0.9873	0.9988	0.9986	0.9960	0.9983	0.9964
6.5	0.9982	0.9978	0.9860	0.9986	0.9984	0.9962	0.9981	0.9966
6.6	0.9972	0.9978	0.9826	0.9978	0.9983	0.9951	0.9976	0.9969
6.7	0.9967	0.9979	0.9831	0.9971	0.9985	0.9964	0.9969	0.9967
6.8	0.9953	0.9978	0.9856	0.9965	0.9987	0.9972	0.9964	0.9968
6.9	0.9898	0.9977	0.9757	0.9943	0.9987	0.9966	0.9945	0.9976
7.0	0.9698	0.9963	0.9461	0.9814	0.9985	0.9968	0.9847	0.9979
7.1	0.9224	0.9902	0.8945	0.9504	0.9971	0.9973	0.9607	0.9972
7.2	0.9141	0.9894	0.9136	0.9425	0.9965	0.9942	0.9545	0.9969
7.3	0.9672	0.9961	0.9712	0.9769	0.9982	0.9946	0.9816	0.9977
7.4	0.8925	0.9951	0.9269	0.9349	0.9984	0.9972	0.9531	0.9977
7.5	0.8318	0.9973	0.9021	0.9375	0.9986	0.9947	0.9561	0.9980
7.6	0.9500	0.9985	0.9240	0.9779	0.9986	0.9943	0.9817	0.9979
7.7	0.9793	0.9983	0.9380	0.9863	0.9984	0.9946	0.9861	0.9972
7.8	0.9930	0.9988	0.9692	0.9923	0.9987	0.9953	0.9926	0.9980
7.9	0.9923	0.9990	0.9781	0.9913	0.9989	0.9974	0.9909	0.9978

8.0	0.9856	0.9987	0.9648	0.9861	0.9987	0.9956	0.9856	0.9973
8.1	0.9924	0.9989	0.9739	0.9908	0.9987	0.9970	0.9899	0.9978
8.2	0.9901	0.9988	0.9758	0.9905	0.9980	0.9951	0.9903	0.9974
8.3	0.9923	0.9990	0.9745	0.9926	0.9983	0.9944	0.9927	0.9974
8.4	0.9939	0.9989	0.9819	0.9945	0.9981	0.9943	0.9943	0.9976
8.5	0.9925	0.9985	0.9716	0.9936	0.9975	0.9908	0.9938	0.9968
8.6	0.9922	0.9980	0.9736	0.9930	0.9971	0.9910	0.9936	0.9952
8.7	0.9951	0.9985	0.9810	0.9965	0.9980	0.9916	0.9967	0.9963
8.8	0.9890	0.9982	0.9724	0.9930	0.9971	0.9831	0.9938	0.9946
8.9	0.9874	0.9977	0.9759	0.9912	0.9942	0.9837	0.9918	0.9903
9.0	0.9699	0.9962	0.9550	0.9782	0.9907	0.9652	0.9800	0.9836
9.1	0.9818	0.9937	0.9759	0.9868	0.9920	0.9787	0.9874	0.9866
9.2	0.9447	0.9923	0.9311	0.9577	0.9885	0.9369	0.9604	0.9802
9.3	0.9200	0.9926	0.9212	0.9293	0.9874	0.9208	0.9327	0.9786
9.4	0.9481	0.9960	0.9621	0.9451	0.9943	0.9546	0.9467	0.9912
9.5	0.9653	0.9972	0.9800	0.9560	0.9968	0.9729	0.9561	0.9950
9.6	0.9672	0.9972	0.9846	0.9458	0.9964	0.9793	0.9437	0.9947
9.7	0.9762	0.9969	0.9909	0.9452	0.9957	0.9876	0.9391	0.9937
9.8	0.9833	0.9972	0.9938	0.9493	0.9958	0.9930	0.9485	0.9944
9.9	0.9858	0.9966	0.9928	0.9374	0.9950	0.9955	0.9426	0.9935
10.0	0.9816	0.9926	0.9879	0.9104	0.9887	0.9951	0.9289	0.9863
10.1	0.9819	0.9915	0.9847	0.9316	0.9868	0.9963	0.9443	0.9829
10.2	0.9831	0.9932	0.9893	0.9636	0.9889	0.9973	0.9712	0.9861
10.3	0.9779	0.9929	0.9919	0.9778	0.9915	0.9967	0.9818	0.9880
10.4	0.9767	0.9959	0.9933	0.9848	0.9946	0.9970	0.9889	0.9919
10.5	0.9580	0.9953	0.9926	0.9864	0.9936	0.9964	0.9889	0.9920
10.6	0.9476	0.9962	0.9923	0.9930	0.9945	0.9962	0.9945	0.9932
10.7	0.9093	0.9967	0.9933	0.9922	0.9947	0.9968	0.9936	0.9930
10.8	0.8372	0.9977	0.9930	0.9932	0.9959	0.9968	0.9942	0.9943
10.9	0.7571	0.9969	0.9919	0.9929	0.9946	0.9968	0.9949	0.9933
11.0	0.8355	0.9979	0.9875	0.9938	0.9960	0.9971	0.9952	0.9952
11.1	0.9032	0.9978	0.9888	0.9948	0.9955	0.9974	0.9951	0.9947
11.2	0.9287	0.9984	0.9900	0.9963	0.9957	0.9973	0.9966	0.9951
11.3	0.9505	0.9980	0.9866	0.9958	0.9956	0.9954	0.9963	0.9948
11.4	0.9686	0.9984	0.9902	0.9967	0.9961	0.9968	0.9968	0.9955
11.5	0.9780	0.9987	0.9875	0.9963	0.9969	0.9960	0.9965	0.9962
11.6	0.9807	0.9988	0.9894	0.9949	0.9963	0.9954	0.9949	0.9955
11.7	0.9896	0.9991	0.9892	0.9967	0.9967	0.9959	0.9966	0.9963
11.8	0.9852	0.9984	0.9837	0.9949	0.9954	0.9946	0.9955	0.9953
11.9	0.9876	0.9978	0.9848	0.9935	0.9955	0.9945	0.9947	0.9952
12.0	0.9899	0.9982	0.9864	0.9953	0.9961	0.9947	0.9954	0.9960
12.1	0.9896	0.9982	0.9899	0.9940	0.9944	0.9940	0.9946	0.9942
12.2	0.9896	0.9975	0.9888	0.9926	0.9935	0.9921	0.9938	0.9935
12.3	0.9878	0.9956	0.9810	0.9919	0.9913	0.9917	0.9929	0.9911
12.4	0.9861	0.9945	0.9819	0.9915	0.9875	0.9900	0.9923	0.9868
12.5	0.9838	0.9926	0.9808	0.9899	0.9832	0.9869	0.9896	0.9815
12.6	0.9861	0.9927	0.9848	0.9894	0.9853	0.9844	0.9884	0.9846
12.7	0.9800	0.9859	0.9793	0.9851	0.9748	0.9813	0.9834	0.9729
12.8	0.9837	0.9838	0.9763	0.9813	0.9765	0.9730	0.9775	0.9760
12.9	0.9798	0.9812	0.9802	0.9784	0.9719	0.9752	0.9761	0.9720
13.0	0.9773	0.9807	0.9706	0.9707	0.9768	0.9766	0.9842	0.9764
13.1	0.9742	0.9792	0.9693	0.9542	0.9762	0.9726	0.9845	0.9759
13.2	0.9707	0.9764	0.9625	0.9104	0.9744	0.9507	0.9775	0.9742
13.3	0.9469	0.9660	0.9429	0.8301	0.9667	0.9286	0.9695	0.9659
13.4	0.7012	0.9559	0.9186	0.8060	0.9558	0.9190	0.9627	0.9533
13.5	0.0508	0.9521	0.9212	0.8762	0.9521	0.9355	0.9606	0.9488
13.6	0.5546	0.9479	0.9034	0.8797	0.9519	0.9200	0.9432	0.9469
13.7	0.8543	0.9695	0.9355	0.9244	0.9741	0.9418	0.9500	0.9705
13.8	0.8869	0.9720	0.9338	0.9283	0.9774	0.9422	0.9474	0.9721
13.9	0.8900	0.9725	0.9173	0.9139	0.9775	0.9235	0.9285	0.9713
14.0	0.8632	0.9726	0.8679	0.8771	0.9813	0.8852	0.8957	0.9739
14.1	0.8958	0.9791	0.8826	0.9013	0.9856	0.9046	0.9153	0.9814
14.2	0.8994	0.9791	0.8655	0.8958	0.9803	0.8907	0.9089	0.9801
14.3	0.9288	0.9910	0.8884	0.9233	0.9880	0.9132	0.9342	0.9892
14.4	0.9200	0.9915	0.8631	0.9108	0.9830	0.8929	0.9239	0.9856
14.5	0.9524	0.9939	0.8992	0.9436	0.9881	0.9233	0.9525	0.9891
14.6	0.9606	0.9946	0.9135	0.9539	0.9906	0.9371	0.9619	0.9909
14.7	0.9689	0.9934	0.9282	0.9645	0.9927	0.9461	0.9717	0.9924
14.8	0.9717	0.9908	0.9174	0.9648	0.9945	0.9205	0.9719	0.9946
14.9	0.9825	0.9937	0.9297	0.9754	0.9961	0.9233	0.9801	0.9963
15.0	0.9866	0.9957	0.9464	0.9818	0.9969	0.9442	0.9861	0.9965
15.1	0.9850	0.9965	0.9550	0.9822	0.9962	0.9506	0.9865	0.9953
15.2	0.9862	0.9986	0.9604	0.9855	0.9968	0.9553	0.9892	0.9960
15.3	0.9868	0.9989	0.9630	0.9870	0.9976	0.9611	0.9906	0.9970
15.4	0.9877	0.9987	0.9692	0.9880	0.9974	0.9656	0.9913	0.9968
15.5	0.9879	0.9988	0.9750	0.9900	0.9967	0.9679	0.9931	0.9957
15.6	0.9913	0.9991	0.9818	0.9929	0.9979	0.9777	0.9953	0.9972
15.7	0.9870	0.9988	0.9802	0.9912	0.9974	0.9767	0.9941	0.9965
15.8	0.9832	0.9981	0.9708	0.9859	0.9958	0.9636	0.9898	0.9939
15.9	0.9851	0.9988	0.9798	0.9904	0.9975	0.9837	0.9941	0.9958
16.0	0.9850	0.9984	0.9812	0.9909	0.9967	0.9882	0.9945	0.9948
16.1	0.9850	0.9972	0.9762	0.9874	0.9961	0.9855	0.9919	0.9944
16.2	0.9797	0.9956	0.9774	0.9872	0.9962	0.9882	0.9916	0.9941
16.3	0.9732	0.9955	0.9766	0.9859	0.9965	0.9907	0.9915	0.9948
16.4	0.9708	0.9932	0.9783	0.9869	0.9970	0.9931	0.9928	0.9949
16.5	0.9767	0.9821	0.9689	0.9906	0.9959	0.9884	0.9946	0.9916

16.6	0.9848	0.9868	0.9664	0.9908	0.9966	0.9834	0.9944	0.9938
16.7	0.9884	0.9839	0.9674	0.9909	0.9978	0.9800	0.9948	0.9965
16.8	0.9829	0.9782	0.9656	0.9898	0.9975	0.9704	0.9941	0.9957
16.9	0.9740	0.9736	0.9569	0.9855	0.9966	0.9690	0.9916	0.9941
17.0	0.9733	0.9739	0.9578	0.9854	0.9939	0.9659	0.9913	0.9895
17.1	0.9731	0.9324	0.9576	0.9876	0.9931	0.9191	0.9939	0.9858
17.2	0.9856	0.9776	0.9686	0.9904	0.9965	0.9533	0.9950	0.9924
17.3	0.9801	0.9832	0.9688	0.9862	0.9953	0.9698	0.9928	0.9917
17.4	0.9754	0.9867	0.9536	0.9802	0.9945	0.9785	0.9899	0.9887
17.5	0.9757	0.9866	0.9564	0.9824	0.9948	0.9798	0.9912	0.9893
17.6	0.9706	0.9866	0.9545	0.9760	0.9939	0.9829	0.9893	0.9868
17.7	0.9680	0.9778	0.9529	0.9724	0.9911	0.9791	0.9868	0.9777
17.8	0.9736	0.9734	0.9454	0.9713	0.9920	0.9822	0.9866	0.9793
17.9	0.9739	0.9622	0.9247	0.9677	0.9909	0.9821	0.9830	0.9735
18.0	0.9701	0.9691	0.9205	0.9679	0.9892	0.9791	0.9827	0.9640
18.1	0.9589	0.9765	0.9217	0.9646	0.9879	0.9854	0.9804	0.9563
18.2	0.9603	0.9763	0.9203	0.9622	0.9868	0.9864	0.9785	0.9513
18.3	0.9446	0.9711	0.9053	0.9473	0.9876	0.9781	0.9714	0.9525
18.4	0.9444	0.9707	0.9097	0.9395	0.9841	0.9646	0.9711	0.9299
18.5	0.9415	0.9614	0.9336	0.9260	0.9837	0.9511	0.9723	0.9059
18.6	0.9327	0.9509	0.9233	0.8862	0.9853	0.9585	0.9691	0.9075
18.7	0.9052	0.9321	0.8493	0.8592	0.9796	0.9666	0.9587	0.8777
18.8	0.9347	0.9685	0.8907	0.9094	0.9834	0.9773	0.9692	0.8909
18.9	0.9350	0.9508	0.8859	0.8962	0.9856	0.9726	0.9693	0.8765
19.0	0.9172	0.9411	0.8505	0.8778	0.9802	0.9683	0.9602	0.8766
19.1	0.9084	0.9109	0.8663	0.8419	0.9736	0.9528	0.9577	0.8287
19.2	0.8799	0.8938	0.8393	0.6778	0.9588	0.9495	0.9382	0.6669
19.3	0.8222	0.8870	0.8162	0.4799	0.9495	0.9592	0.9080	0.5811
19.4	0.7181	0.8243	0.8077	0.2751	0.9309	0.9469	0.8708	0.4461
19.5	0.7464	0.7908	0.8709	0.1774	0.9266	0.9530	0.8805	0.4364
19.6	0.6945	0.8344	0.8761	0.1082	0.9331	0.9515	0.8707	0.4107
19.7	0.6296	0.8349	0.8241	0.2055	0.9001	0.9351	0.8310	0.2623
19.8	0.5910	0.7985	0.8380	0.3455	0.8800	0.9433	0.8199	0.3728
19.9	0.5976	0.8020	0.8732	0.4351	0.9005	0.9579	0.8452	0.4084
20.0	0.3863	0.7751	0.8617	0.3979	0.8403	0.9489	0.7187	0.5899
20.1	0.3132	0.7130	0.8560	0.6020	0.7837	0.9282	0.6102	0.7138
20.2	0.2830	0.7194	0.8480	0.6692	0.7512	0.8904	0.5188	0.5978
20.3	0.2771	0.7272	0.8628	0.7166	0.7127	0.9138	0.4344	0.5873
20.4	0.2670	0.6865	0.8468	0.7982	0.5587	0.9003	0.1544	0.6864
20.5	0.2116	0.6855	0.8396	0.8110	0.5100	0.8807	0.1076	0.6509
20.6	0.4248	0.5955	0.8323	0.8450	0.2857	0.8420	0.1707	0.5868
20.7	0.5966	0.5783	0.8670	0.8686	0.2345	0.8883	0.3188	0.6374
20.8	0.6692	0.5809	0.8764	0.8782	0.2626	0.8398	0.4722	0.6525
20.9	0.5947	0.4579	0.7795	0.8395	0.2735	0.7180	0.4860	0.5451
21.0	0.6105	0.3947	0.7587	0.7644	0.2486	0.6792	0.4549	0.4890
21.1	0.6615	0.3610	0.7759	0.7315	0.2901	0.6527	0.5758	0.4725
21.2	0.6766	0.4085	0.7464	0.7167	0.4249	0.5496	0.6083	0.5351
21.3	0.6718	0.5004	0.7903	0.7846	0.4242	0.5553	0.6375	0.6803
21.4	0.7395	0.5427	0.8416	0.7799	0.4565	0.5695	0.7062	0.7437
21.5	0.7868	0.4868	0.8137	0.7433	0.4843	0.4830	0.7232	0.7407
21.6	0.8648	0.5957	0.8228	0.7873	0.6078	0.3368	0.7907	0.7584
21.7	0.9071	0.7470	0.8591	0.8775	0.7435	0.4990	0.8467	0.8512
21.8	0.8795	0.7659	0.8031	0.8697	0.6415	0.5578	0.8015	0.8800
21.9	0.8568	0.7474	0.7069	0.8693	0.6812	0.4430	0.7871	0.8940
22.0	0.8313	0.7108	0.7247	0.8703	0.6422	0.4590	0.7969	0.8925
22.1	0.8385	0.7602	0.7438	0.8921	0.6865	0.3308	0.8208	0.8895
22.2	0.8734	0.8379	0.7898	0.9313	0.8050	0.5117	0.8777	0.9332
22.3	0.8649	0.8547	0.7698	0.9353	0.8148	0.5155	0.8658	0.9391
22.4	0.8493	0.7555	0.7483	0.9304	0.7339	0.4199	0.8810	0.9332
22.5	0.8591	0.7508	0.7296	0.9335	0.7190	0.4777	0.8854	0.9198
22.6	0.8616	0.8555	0.6579	0.9327	0.7702	0.5818	0.8702	0.9189
22.7	0.8594	0.8450	0.6657	0.9148	0.7550	0.4709	0.8719	0.9256
22.8	0.9169	0.8923	0.7497	0.9514	0.8329	0.5224	0.9332	0.9453
22.9	0.9360	0.9085	0.8200	0.9668	0.8410	0.5481	0.9372	0.9432
23.0	0.9224	0.9015	0.6797	0.9517	0.8482	0.6037	0.9169	0.9271
23.1	0.9221	0.9145	0.6749	0.9510	0.8619	0.7476	0.9309	0.9200
23.2	0.9341	0.9330	0.7241	0.9675	0.9158	0.8219	0.9455	0.9513
23.3	0.9534	0.9339	0.7868	0.9660	0.9208	0.8452	0.9621	0.9336
23.4	0.9495	0.9261	0.6779	0.9688	0.8968	0.8276	0.9428	0.8830
23.5	0.9574	0.9330	0.6486	0.9764	0.9112	0.8565	0.9361	0.8859
23.6	0.9457	0.9389	0.7107	0.9750	0.9187	0.8676	0.9330	0.8641
23.7	0.9464	0.9572	0.7613	0.9836	0.9427	0.8801	0.9504	0.8727
23.8	0.9473	0.9483	0.8055	0.9850	0.9390	0.8821	0.9572	0.8481
23.9	0.9404	0.9485	0.7535	0.9822	0.9370	0.8666	0.9549	0.8112
24.0	0.9422	0.9425	0.6541	0.9796	0.9390	0.8227	0.9484	0.7112
24.1	0.9621	0.9524	0.6299	0.9801	0.9460	0.7931	0.9576	0.6509
24.2	0.9415	0.9568	0.5513	0.9788	0.9313	0.7116	0.9453	0.5528
24.3	0.9459	0.9725	0.4198	0.9846	0.9502	0.7929	0.9572	0.5255
24.4	0.9506	0.9742	0.3810	0.9872	0.9568	0.8271	0.9686	0.6008
24.5	0.9617	0.9756	0.4695	0.9888	0.9725	0.8044	0.9733	0.6671
24.6	0.9658	0.9731	0.3937	0.9873	0.9647	0.8106	0.9762	0.6118
24.7	0.9680	0.9661	0.3851	0.9885	0.9508	0.8548	0.9811	0.7416
24.8	0.9758	0.9798	0.4588	0.9939	0.9683	0.8908	0.9869	0.8327
24.9	0.9771	0.9825	0.2565	0.9919	0.9641	0.8869	0.9854	0.8668
25.0	0.9800	0.9852	0.1764	0.9937	0.9737	0.9229	0.9891	0.9033
25.1	0.9777	0.9767	0.1583	0.9922	0.9709	0.8852	0.9871	0.8811

25.2	0.9781	0.9816	0.0754	0.9939	0.9729	0.8859	0.9865	0.8820
25.3	0.9781	0.9847	0.0735	0.9930	0.9777	0.9162	0.9883	0.9022
25.4	0.9832	0.9820	0.0702	0.9925	0.9754	0.9225	0.9873	0.9164
25.5	0.9832	0.9818	0.0771	0.9926	0.9728	0.9164	0.9866	0.9238
25.6	0.9835	0.9810	0.1454	0.9923	0.9734	0.9165	0.9862	0.9273
25.7	0.9851	0.9797	0.1430	0.9924	0.9695	0.9083	0.9866	0.9147
25.8	0.9893	0.9847	0.2534	0.9951	0.9794	0.9389	0.9919	0.9538
25.9	0.9880	0.9864	0.3431	0.9944	0.9754	0.9567	0.9903	0.9522
26.0	0.9899	0.9874	0.4814	0.9949	0.9731	0.9645	0.9904	0.9442
26.1	0.9904	0.9882	0.4817	0.9952	0.9720	0.9567	0.9915	0.9550
26.2	0.9864	0.9870	0.4753	0.9947	0.9593	0.9516	0.9894	0.9524
26.3	0.9849	0.9855	0.6148	0.9945	0.9293	0.9525	0.9895	0.9420
26.4	0.9885	0.9868	0.6703	0.9946	0.9282	0.9598	0.9923	0.9549
26.5	0.9913	0.9872	0.6960	0.9946	0.9429	0.9646	0.9925	0.9644
26.6	0.9917	0.9870	0.7342	0.9959	0.9066	0.9686	0.9929	0.9666
26.7	0.9912	0.9909	0.7584	0.9968	0.8645	0.9781	0.9938	0.9768
26.8	0.9927	0.9905	0.8086	0.9963	0.8018	0.9772	0.9936	0.9812
26.9	0.9915	0.9840	0.8037	0.9943	0.5638	0.9728	0.9922	0.9790
27.0	0.9914	0.9838	0.8310	0.9945	0.3480	0.9738	0.9924	0.9781
27.1	0.9915	0.9883	0.8300	0.9954	0.2662	0.9725	0.9925	0.9807
27.2	0.9920	0.9888	0.8644	0.9955	0.6593	0.9768	0.9928	0.9809
27.3	0.9914	0.9860	0.8400	0.9942	0.8185	0.9776	0.9923	0.9812
27.4	0.9918	0.9887	0.8659	0.9949	0.8801	0.9816	0.9926	0.9826
27.5	0.9910	0.9838	0.8722	0.9937	0.9350	0.9794	0.9909	0.9813
27.6	0.9908	0.9866	0.8467	0.9944	0.9593	0.9775	0.9901	0.9847
27.7	0.9917	0.9876	0.8335	0.9947	0.9593	0.9777	0.9928	0.9858
27.8	0.9938	0.9891	0.8354	0.9957	0.9599	0.9800	0.9934	0.9870
27.9	0.9922	0.9878	0.8108	0.9945	0.9508	0.9736	0.9928	0.9830
28.0	0.9933	0.9884	0.7976	0.9944	0.9502	0.9694	0.9922	0.9873
28.1	0.9947	0.9915	0.8197	0.9962	0.9690	0.9807	0.9952	0.9903
28.2	0.9942	0.9926	0.7908	0.9962	0.9725	0.9821	0.9940	0.9900
28.3	0.9948	0.9922	0.6988	0.9961	0.9700	0.9814	0.9929	0.9896
28.4	0.9954	0.9914	0.6598	0.9960	0.9633	0.9790	0.9940	0.9902
28.5	0.9947	0.9919	0.6265	0.9951	0.9695	0.9760	0.9932	0.9908
28.6	0.9934	0.9927	0.4187	0.9945	0.9705	0.9748	0.9922	0.9894
28.7	0.9895	0.9868	0.2712	0.9907	0.9455	0.9665	0.9871	0.9865
28.8	0.9892	0.9895	0.1510	0.9912	0.9441	0.9648	0.9856	0.9882
28.9	0.9921	0.9909	0.1427	0.9937	0.9434	0.9696	0.9899	0.9895
29.0	0.9924	0.9902	0.0660	0.9933	0.9540	0.9745	0.9900	0.9913
29.1	0.9933	0.9912	0.0517	0.9943	0.9587	0.9738	0.9924	0.9913
29.2	0.9938	0.9892	0.0989	0.9939	0.9431	0.9699	0.9924	0.9881
29.3	0.9911	0.9885	0.1524	0.9923	0.9197	0.9716	0.9900	0.9869
29.4	0.9890	0.9859	0.2247	0.9903	0.8989	0.9701	0.9876	0.9849
29.5	0.9928	0.9886	0.3497	0.9933	0.9222	0.9774	0.9915	0.9875
29.6	0.9907	0.9870	0.4509	0.9915	0.9310	0.9707	0.9883	0.9851
29.7	0.9881	0.9848	0.4759	0.9899	0.9135	0.9701	0.9845	0.9822
29.8	0.9899	0.9861	0.5522	0.9909	0.9150	0.9728	0.9889	0.9856
29.9	0.9853	0.9711	0.5250	0.9874	0.8569	0.9618	0.9825	0.9801
30.0	0.9835	0.9678	0.5577	0.9826	0.8306	0.9568	0.9775	0.9725
30.1	0.9869	0.9819	0.7498	0.9866	0.8785	0.9616	0.9834	0.9806
30.2	0.9864	0.9782	0.6764	0.9863	0.8445	0.9671	0.9818	0.9790
30.3	0.9878	0.9826	0.7003	0.9885	0.8450	0.9637	0.9836	0.9814
30.4	0.9878	0.9818	0.7850	0.9876	0.8712	0.9686	0.9843	0.9755
30.5	0.9869	0.9804	0.7987	0.9853	0.8987	0.9794	0.9822	0.9695
30.6	0.9862	0.9789	0.8234	0.9850	0.8667	0.9808	0.9816	0.9685
30.7	0.9818	0.9761	0.7952	0.9818	0.8384	0.9808	0.9746	0.9634
30.8	0.9817	0.9782	0.7872	0.9799	0.8723	0.9797	0.9744	0.9685
30.9	0.9785	0.9798	0.7976	0.9782	0.8743	0.9809	0.9714	0.9661
31.0	0.9757	0.9729	0.8017	0.9733	0.8515	0.9762	0.9704	0.9528
31.1	0.9752	0.9728	0.8199	0.9721	0.8255	0.9791	0.9680	0.9498
31.2	0.9713	0.9697	0.8239	0.9676	0.7862	0.9743	0.9623	0.9436
31.3	0.9706	0.9714	0.8404	0.9697	0.7760	0.9725	0.9598	0.9445
31.4	0.9660	0.9664	0.8484	0.9656	0.7157	0.9712	0.9493	0.9249
31.5	0.9692	0.9686	0.8780	0.9714	0.8031	0.9738	0.9518	0.9524
31.6	0.9640	0.9670	0.8661	0.9652	0.8228	0.9720	0.9504	0.9451
31.7	0.9534	0.9594	0.8452	0.9544	0.8123	0.9650	0.9433	0.9261
31.8	0.9631	0.9726	0.8901	0.9672	0.8410	0.9735	0.9524	0.9529
31.9	0.9488	0.9586	0.8670	0.9571	0.7671	0.9566	0.9313	0.9419
32.0	0.9248	0.9378	0.8132	0.9370	0.7549	0.9317	0.8990	0.9200
32.1	0.9303	0.9429	0.8284	0.9374	0.8741	0.9340	0.9071	0.9197
32.2	0.9349	0.9448	0.8448	0.9442	0.8466	0.9392	0.9090	0.9278
32.3	0.9163	0.9333	0.8319	0.9313	0.8042	0.9301	0.8835	0.8958
32.4	0.9199	0.9358	0.8557	0.9338	0.8442	0.9344	0.8991	0.9060
32.5	0.9197	0.9380	0.8660	0.9325	0.8713	0.9371	0.9028	0.9050
32.6	0.9256	0.9437	0.8881	0.9390	0.8768	0.9421	0.9082	0.9025
32.7	0.9025	0.9216	0.8636	0.9203	0.8538	0.9144	0.8816	0.8631
32.8	0.9184	0.9316	0.8927	0.9354	0.8692	0.9247	0.8999	0.8655
32.9	0.8922	0.9094	0.8674	0.9121	0.8269	0.9045	0.8680	0.8069
33.0	0.8862	0.8982	0.8721	0.9027	0.8336	0.8954	0.8671	0.8063
33.1	0.8884	0.8999	0.8749	0.9018	0.8376	0.8938	0.8704	0.8036
33.2	0.8722	0.8757	0.8736	0.8875	0.7997	0.8721	0.8479	0.7086
33.3	0.9108	0.9113	0.9231	0.9217	0.8549	0.9088	0.8952	0.7564
33.4	0.8675	0.8582	0.9020	0.8903	0.7806	0.8693	0.8442	0.5649
33.5	0.8930	0.8813	0.9239	0.9061	0.8311	0.8901	0.8757	0.6154
33.6	0.9020	0.8861	0.9346	0.9156	0.8017	0.8923	0.8832	0.5215
33.7	0.9092	0.9010	0.9456	0.9203	0.7993	0.8948	0.8906	0.4407

33.8	0.8332	0.8187	0.9103	0.8540	0.6511	0.8166	0.7998	0.2213
33.9	0.8215	0.7997	0.9161	0.8345	0.5993	0.7972	0.7863	0.3183
34.0	0.8283	0.7939	0.9336	0.8358	0.6091	0.7884	0.7944	0.5222
34.1	0.8618	0.8238	0.9515	0.8588	0.6212	0.8280	0.8342	0.6569
34.2	0.8254	0.7958	0.9458	0.8172	0.5422	0.7929	0.7933	0.6535
34.3	0.8039	0.7417	0.9306	0.7878	0.4964	0.7480	0.7658	0.7172
34.4	0.8145	0.7650	0.9453	0.7948	0.5225	0.7603	0.7817	0.7764
34.5	0.7906	0.7517	0.9508	0.7663	0.4769	0.7484	0.7569	0.8276
34.6	0.7721	0.7932	0.9498	0.7501	0.3951	0.7532	0.7306	0.8334
34.7	0.7471	0.8518	0.9542	0.7433	0.2785	0.7850	0.6831	0.8732
34.8	0.6534	0.8546	0.9625	0.6758	0.1605	0.7166	0.5674	0.8812
34.9	0.6867	0.9094	0.9720	0.7392	0.1537	0.7932	0.5906	0.9335
35.0	0.6446	0.8971	0.9642	0.7164	0.0531	0.7640	0.5260	0.9299
35.1	0.5488	0.8944	0.9661	0.6466	0.0131	0.6801	0.3905	0.9108
35.2	0.5236	0.9213	0.9706	0.6533	0.0270	0.6848	0.3250	0.9200
35.3	0.4124	0.9382	0.9674	0.5943	0.0612	0.6434	0.1849	0.9243
35.4	0.3805	0.9327	0.9694	0.6178	0.1322	0.6995	0.0487	0.9321
35.5	0.5016	0.9551	0.9700	0.7224	0.3262	0.7594	0.0986	0.9435
35.6	0.3152	0.9414	0.9635	0.5668	0.3330	0.6913	0.0590	0.9271
35.7	0.3852	0.9362	0.9596	0.6102	0.3042	0.7186	0.1437	0.9225
35.8	0.4631	0.9509	0.9534	0.6309	0.4365	0.7463	0.3786	0.9154
35.9	0.6229	0.9646	0.9639	0.7326	0.5655	0.8439	0.5509	0.9408
36.0	0.7161	0.9669	0.9683	0.7832	0.6588	0.8708	0.6688	0.9312
36.1	0.7006	0.9582	0.9670	0.7657	0.6552	0.8494	0.6519	0.9064
36.2	0.6949	0.9670	0.9705	0.7428	0.6491	0.8689	0.6960	0.8963
36.3	0.6971	0.9647	0.9677	0.7408	0.6176	0.8733	0.7227	0.9059
36.4	0.7598	0.9705	0.9730	0.7915	0.7236	0.9062	0.7754	0.9216
36.5	0.8154	0.9765	0.9786	0.8438	0.7924	0.9422	0.8194	0.9352
36.6	0.8324	0.9681	0.9703	0.8482	0.7387	0.9347	0.8261	0.9096
36.7	0.8347	0.9760	0.9703	0.8339	0.7171	0.9238	0.8346	0.9005
36.8	0.8498	0.9774	0.9710	0.8545	0.7467	0.9317	0.8405	0.9179
36.9	0.8548	0.9752	0.9668	0.8618	0.7362	0.9377	0.8501	0.9042
37.0	0.8976	0.9808	0.9653	0.9021	0.7991	0.9563	0.8874	0.9250
37.1	0.9203	0.9836	0.9706	0.9173	0.8486	0.9584	0.9153	0.9382
37.2	0.9230	0.9751	0.9669	0.9245	0.8317	0.9656	0.9212	0.9317
37.3	0.9146	0.9681	0.9587	0.9174	0.8176	0.9696	0.9117	0.9161
37.4	0.8833	0.9390	0.9638	0.8868	0.7707	0.9526	0.8737	0.9027
37.5	0.9177	0.9600	0.9638	0.9164	0.8373	0.9633	0.9133	0.8974
37.6	0.9465	0.9711	0.9644	0.9450	0.8907	0.9814	0.9444	0.9228
37.7	0.9429	0.9759	0.9574	0.9432	0.8816	0.9796	0.9459	0.9235
37.8	0.9426	0.9736	0.9592	0.9452	0.8867	0.9793	0.9385	0.9179
37.9	0.9444	0.9620	0.9513	0.9459	0.8735	0.9803	0.9364	0.9093
38.0	0.9532	0.9596	0.9611	0.9560	0.8722	0.9836	0.9510	0.9302
38.1	0.9401	0.9493	0.9602	0.9448	0.8615	0.9789	0.9486	0.9128
38.2	0.9728	0.9524	0.9659	0.9735	0.9058	0.9855	0.9656	0.9334
38.3	0.9624	0.9503	0.9551	0.9631	0.8919	0.9775	0.9622	0.9045
38.4	0.9514	0.9527	0.9623	0.9572	0.8755	0.9799	0.9568	0.8832
38.5	0.9477	0.9308	0.9507	0.9515	0.8919	0.9809	0.9580	0.8979
38.6	0.9389	0.9372	0.9525	0.9460	0.8881	0.9770	0.9525	0.9004
38.7	0.9533	0.9499	0.9648	0.9610	0.9006	0.9822	0.9671	0.9183
38.8	0.9469	0.9418	0.9636	0.9544	0.8762	0.9795	0.9651	0.8928
38.9	0.9481	0.9516	0.9610	0.9603	0.8463	0.9801	0.9667	0.8376
39.0	0.9466	0.9419	0.9564	0.9592	0.8402	0.9664	0.9679	0.7992
39.1	0.9650	0.9669	0.9648	0.9721	0.8422	0.9661	0.9814	0.7518
39.2	0.9665	0.9748	0.9643	0.9752	0.8627	0.9687	0.9816	0.7601
39.3	0.9679	0.9709	0.9657	0.9761	0.8550	0.9685	0.9787	0.6981
39.4	0.9750	0.9743	0.9617	0.9808	0.8575	0.9731	0.9798	0.6368
39.5	0.9756	0.9684	0.9699	0.9793	0.8551	0.9655	0.9821	0.4879
39.6	0.9775	0.9716	0.9622	0.9804	0.8709	0.9625	0.9849	0.4296
39.7	0.9798	0.9742	0.9658	0.9815	0.8576	0.9608	0.9859	0.3504
39.8	0.9857	0.9748	0.9686	0.9859	0.8369	0.9586	0.9871	0.4772
39.9	0.9889	0.9787	0.9729	0.9882	0.8254	0.9567	0.9899	0.4774
40.0	0.9864	0.9806	0.9749	0.9888	0.7743	0.9656	0.9896	0.5118
40.1	0.9822	0.9796	0.9641	0.9873	0.7774	0.9679	0.9875	0.5524
40.2	0.9831	0.9736	0.9495	0.9850	0.7406	0.9574	0.9873	0.6471
40.3	0.9870	0.9782	0.9536	0.9861	0.7879	0.9578	0.9872	0.7330
40.4	0.9830	0.9672	0.9598	0.9834	0.7410	0.9349	0.9853	0.6796
40.5	0.9790	0.9548	0.9619	0.9792	0.7372	0.9352	0.9853	0.7016
40.6	0.9826	0.9679	0.9488	0.9835	0.7587	0.9393	0.9878	0.7347
40.7	0.9843	0.9769	0.9605	0.9847	0.7531	0.9353	0.9881	0.7937
40.8	0.9865	0.9752	0.9630	0.9866	0.7712	0.9450	0.9888	0.8249
40.9	0.9896	0.9721	0.9591	0.9864	0.7810	0.9492	0.9910	0.8690
41.0	0.9877	0.9731	0.9561	0.9846	0.6456	0.9378	0.9875	0.8601
41.1	0.9856	0.9711	0.9462	0.9842	0.6922	0.9236	0.9873	0.8156
41.2	0.9832	0.9639	0.9406	0.9862	0.7892	0.9220	0.9889	0.8050
41.3	0.9820	0.9674	0.9467	0.9877	0.7950	0.9449	0.9878	0.8760
41.4	0.9823	0.9559	0.9421	0.9847	0.8154	0.9403	0.9866	0.8873
41.5	0.9831	0.9623	0.9501	0.9887	0.8679	0.9473	0.9876	0.8944
41.6	0.9816	0.9583	0.9487	0.9886	0.8892	0.9323	0.9858	0.8781
41.7	0.9870	0.9684	0.9503	0.9887	0.8991	0.9453	0.9877	0.9017
41.8	0.9816	0.9731	0.9341	0.9869	0.8896	0.9516	0.9842	0.9120
41.9	0.9906	0.9747	0.9486	0.9917	0.9167	0.9725	0.9907	0.9347
42.0	0.9898	0.9726	0.9462	0.9909	0.9100	0.9713	0.9878	0.9333
42.1	0.9885	0.9708	0.9499	0.9902	0.9333	0.9665	0.9878	0.9425
42.2	0.9882	0.9719	0.9504	0.9908	0.9108	0.9747	0.9878	0.9539
42.3	0.9886	0.9773	0.9406	0.9908	0.8508	0.9728	0.9867	0.9535

42.4	0.9836	0.9747	0.9245	0.9877	0.8787	0.9584	0.9839	0.9441
42.5	0.9846	0.9715	0.9303	0.9888	0.8631	0.9656	0.9860	0.9474
42.6	0.9882	0.9673	0.9397	0.9910	0.8145	0.9670	0.9852	0.9455
42.7	0.9897	0.9646	0.9451	0.9906	0.8517	0.9630	0.9877	0.9315
42.8	0.9869	0.9633	0.9482	0.9878	0.8917	0.9275	0.9866	0.8132
42.9	0.9816	0.9604	0.9249	0.9827	0.8850	0.9375	0.9837	0.7120
43.0	0.9879	0.9684	0.9310	0.9902	0.9205	0.9766	0.9878	0.9013
43.1	0.9909	0.9699	0.9349	0.9930	0.9144	0.9878	0.9887	0.9159
43.2	0.9912	0.9682	0.9332	0.9935	0.8478	0.9801	0.9860	0.6610
43.3	0.9909	0.9656	0.9449	0.9919	0.8659	0.9813	0.9884	0.5386
43.4	0.9889	0.9672	0.9428	0.9914	0.9398	0.9876	0.9913	0.8982
43.5	0.9839	0.9556	0.9426	0.9888	0.8196	0.9771	0.9853	0.8795
43.6	0.9896	0.9670	0.9519	0.9933	0.8782	0.9778	0.9893	0.9207
43.7	0.9881	0.9532	0.9249	0.9923	0.9351	0.9723	0.9878	0.9398
43.8	0.9848	0.9400	0.9103	0.9877	0.9100	0.9720	0.9827	0.9405
43.9	0.9828	0.9437	0.9028	0.9860	0.8684	0.9851	0.9815	0.9471
44.0	0.9875	0.9484	0.9128	0.9886	0.8350	0.9810	0.9835	0.9687
44.1	0.9908	0.9524	0.9087	0.9914	0.5299	0.9738	0.9869	0.9337
44.2	0.9900	0.9517	0.9181	0.9918	0.7219	0.9825	0.9901	0.8001
44.3	0.9854	0.9426	0.8957	0.9888	0.7245	0.9861	0.9881	0.8372
44.4	0.9862	0.9460	0.9037	0.9891	0.6395	0.9854	0.9847	0.8492
44.5	0.9869	0.9484	0.9210	0.9898	0.8798	0.9738	0.9845	0.8711
44.6	0.9865	0.8972	0.9214	0.9883	0.8394	0.9703	0.9827	0.6818
44.7	0.9893	0.8624	0.9382	0.9904	0.8843	0.9781	0.9866	0.8427
44.8	0.9869	0.8754	0.9377	0.9902	0.7782	0.9802	0.9857	0.8468
44.9	0.9835	0.8912	0.9383	0.9891	0.8329	0.9637	0.9825	0.8421
45.0	0.9856	0.9365	0.9260	0.9883	0.9401	0.9514	0.9822	0.9072
45.1	0.9880	0.9345	0.9335	0.9904	0.9692	0.9787	0.9860	0.8895
45.2	0.9913	0.9241	0.9187	0.9921	0.9527	0.9844	0.9880	0.8415
45.3	0.9897	0.9347	0.9259	0.9912	0.9262	0.9717	0.9858	0.6662
45.4	0.9884	0.9078	0.9226	0.9902	0.9318	0.9643	0.9842	0.8206
45.5	0.9858	0.9126	0.9310	0.9896	0.8753	0.9431	0.9842	0.8772
45.6	0.9862	0.9137	0.9335	0.9907	0.8872	0.9650	0.9848	0.8144
45.7	0.9872	0.9170	0.9295	0.9897	0.9411	0.9590	0.9836	0.7936
45.8	0.9868	0.9080	0.9094	0.9863	0.9584	0.9616	0.9799	0.5357
45.9	0.9827	0.9012	0.8997	0.9831	0.9553	0.9810	0.9740	0.6542
46.0	0.9879	0.9193	0.9072	0.9862	0.9646	0.9902	0.9790	0.6806
46.1	0.9843	0.8881	0.8854	0.9826	0.9624	0.9787	0.9739	0.7572
46.2	0.9840	0.8500	0.8881	0.9876	0.9780	0.9655	0.9790	0.8730
46.3	0.9810	0.8915	0.9366	0.9895	0.9722	0.9573	0.9851	0.7781
46.4	0.9834	0.8649	0.9355	0.9865	0.9486	0.9754	0.9817	0.7551
46.5	0.9851	0.9013	0.9423	0.9874	0.9332	0.9820	0.9834	0.8357
46.6	0.9877	0.9399	0.9455	0.9888	0.9623	0.9861	0.9840	0.8742
46.7	0.9893	0.9635	0.9423	0.9898	0.9806	0.9798	0.9824	0.8892
46.8	0.9859	0.9688	0.9382	0.9867	0.9630	0.9634	0.9755	0.9031
46.9	0.9840	0.9599	0.9431	0.9855	0.9767	0.9776	0.9784	0.9037
47.0	0.9893	0.9441	0.9381	0.9906	0.9656	0.9795	0.9828	0.7670
47.1	0.9837	0.9279	0.9177	0.9860	0.9250	0.9837	0.9749	0.3104
47.2	0.9861	0.9442	0.9032	0.9865	0.9663	0.9881	0.9762	0.5720
47.3	0.9895	0.9609	0.8947	0.9893	0.9786	0.9854	0.9824	0.8888
47.4	0.9848	0.9579	0.9086	0.9851	0.9742	0.9731	0.9811	0.8730
47.5	0.9827	0.9630	0.9067	0.9849	0.9653	0.9847	0.9822	0.8128
47.6	0.9811	0.9566	0.9215	0.9854	0.9039	0.9707	0.9826	0.5515
47.7	0.9854	0.9604	0.9432	0.9882	0.9541	0.9876	0.9856	0.5123
47.8	0.9826	0.9358	0.9255	0.9853	0.9677	0.9674	0.9841	0.4930
47.9	0.9853	0.9285	0.8929	0.9834	0.9731	0.9719	0.9821	0.4345
48.0	0.9820	0.9318	0.8910	0.9812	0.9753	0.9696	0.9797	0.0704
48.1	0.9793	0.9360	0.8994	0.9807	0.9731	0.9760	0.9791	0.2969
48.2	0.9849	0.9604	0.9136	0.9848	0.9784	0.9915	0.9864	0.7056
48.3	0.9872	0.9452	0.9294	0.9860	0.9763	0.9720	0.9855	0.4591
48.4	0.9835	0.9013	0.9233	0.9844	0.9666	0.9519	0.9829	0.1607
48.5	0.9810	0.8946	0.9173	0.9820	0.9714	0.9775	0.9802	0.1003
48.6	0.9811	0.9148	0.9120	0.9834	0.9818	0.9817	0.9813	0.0519
48.7	0.9801	0.9343	0.8587	0.9790	0.9758	0.9803	0.9771	0.3540
48.8	0.9822	0.9186	0.8728	0.9815	0.9716	0.9733	0.9812	0.5205
48.9	0.9829	0.8743	0.9178	0.9802	0.9263	0.9696	0.9769	0.5201
49.0	0.9808	0.8429	0.9342	0.9800	0.9343	0.9853	0.9739	0.5965
49.1	0.9830	0.8722	0.9342	0.9838	0.9632	0.9924	0.9791	0.6470
49.2	0.9772	0.9084	0.9353	0.9790	0.9729	0.9913	0.9761	0.3851
49.3	0.9764	0.9389	0.9413	0.9792	0.9762	0.9908	0.9779	0.5280
49.4	0.9670	0.9343	0.9036	0.9720	0.9754	0.9855	0.9701	0.7151
49.5	0.9764	0.9244	0.9170	0.9784	0.9749	0.9883	0.9765	0.8555
49.6	0.9817	0.9040	0.9304	0.9782	0.9654	0.9884	0.9712	0.8993
49.7	0.9742	0.9142	0.9349	0.9726	0.9584	0.9736	0.9707	0.8555
49.8	0.9754	0.9440	0.9186	0.9719	0.9690	0.9702	0.9696	0.9193
49.9	0.9765	0.9324	0.9074	0.9748	0.9655	0.9625	0.9715	0.9238
50.0	0.9807	0.9354	0.9445	0.9788	0.9603	0.9872	0.9739	0.9596
50.1	0.9816	0.9504	0.9527	0.9813	0.9590	0.9924	0.9784	0.9526
50.2	0.9817	0.9552	0.9392	0.9814	0.9668	0.9944	0.9794	0.9603
50.3	0.9788	0.9318	0.9432	0.9785	0.9698	0.9901	0.9781	0.9483
50.4	0.9840	0.8696	0.9335	0.9818	0.9709	0.9781	0.9800	0.9267
50.5	0.9828	0.8751	0.9382	0.9839	0.9488	0.9760	0.9809	0.8805
50.6	0.9833	0.9180	0.9364	0.9805	0.9315	0.9817	0.9778	0.8913
50.7	0.9845	0.9371	0.9451	0.9821	0.9471	0.9837	0.9780	0.9284
50.8	0.9834	0.9229	0.9571	0.9841	0.9510	0.9838	0.9773	0.9386
50.9	0.9728	0.8982	0.9369	0.9762	0.9419	0.9772	0.9728	0.9301

51.0	0.9700	0.8814	0.9348	0.9733	0.9476	0.9696	0.9680	0.9304
51.1	0.9747	0.8975	0.9398	0.9779	0.9476	0.9736	0.9716	0.9340
51.2	0.9790	0.9273	0.9381	0.9827	0.9607	0.9860	0.9802	0.9678
51.3	0.9841	0.9227	0.9498	0.9864	0.9673	0.9872	0.9840	0.9772
51.4	0.9756	0.7874	0.9429	0.9809	0.9539	0.9800	0.9785	0.9778
51.5	0.9825	0.8294	0.9370	0.9836	0.9589	0.9760	0.9805	0.9635
51.6	0.9767	0.8712	0.9267	0.9816	0.9451	0.9731	0.9773	0.9565
51.7	0.9818	0.9049	0.9314	0.9863	0.9449	0.9792	0.9832	0.9572
51.8	0.9838	0.8551	0.9229	0.9870	0.9612	0.9827	0.9842	0.9666
51.9	0.9812	0.7974	0.9188	0.9837	0.9081	0.9854	0.9791	0.9605
52.0	0.9777	0.7449	0.9109	0.9818	0.8863	0.9866	0.9791	0.9505
52.1	0.9794	0.6053	0.8849	0.9811	0.8981	0.9887	0.9784	0.9098
52.2	0.9834	0.6049	0.8910	0.9842	0.8918	0.9794	0.9786	0.9418
52.3	0.9790	0.6327	0.8908	0.9806	0.8589	0.9769	0.9775	0.9623
52.4	0.9795	0.6525	0.8939	0.9825	0.7518	0.9898	0.9806	0.9465
52.5	0.9838	0.2254	0.8773	0.9845	0.4900	0.9925	0.9809	0.9404
52.6	0.9856	0.2664	0.8859	0.9861	0.4329	0.9910	0.9800	0.9505
52.7	0.9842	0.6734	0.8889	0.9856	0.5454	0.9920	0.9770	0.9127
52.8	0.9898	0.8849	0.9225	0.9905	0.6240	0.9879	0.9860	0.9535
52.9	0.9879	0.8879	0.9077	0.9885	0.6103	0.9900	0.9831	0.9304
53.0	0.9888	0.8377	0.8944	0.9885	0.6610	0.9944	0.9834	0.8488
53.1	0.9869	0.8578	0.8364	0.9869	0.5600	0.9893	0.9810	0.9060
53.2	0.9872	0.8989	0.8258	0.9879	0.4887	0.9905	0.9833	0.9510
53.3	0.9855	0.9262	0.8727	0.9899	0.4995	0.9872	0.9843	0.9279
53.4	0.9839	0.9090	0.8672	0.9905	0.4496	0.9885	0.9820	0.8800
53.5	0.9846	0.8624	0.8391	0.9884	0.0326	0.9905	0.9814	0.8565
53.6	0.9860	0.8737	0.8258	0.9897	0.3685	0.9897	0.9806	0.9258
53.7	0.9908	0.9423	0.8409	0.9923	0.6621	0.9911	0.9808	0.9580
53.8	0.9829	0.9459	0.8141	0.9912	0.6596	0.9842	0.9841	0.9445
53.9	0.9855	0.9406	0.7661	0.9908	0.6999	0.9854	0.9852	0.9535
54.0	0.9906	0.9500	0.6994	0.9917	0.6520	0.9925	0.9851	0.9670
54.1	0.9879	0.8701	0.6115	0.9882	0.3664	0.9891	0.9789	0.9188
54.2	0.9803	0.8511	0.6064	0.9868	0.2119	0.9789	0.9687	0.7772
54.3	0.9849	0.9385	0.5731	0.9886	0.5587	0.9838	0.9642	0.8800
54.4	0.9832	0.9722	0.4071	0.9861	0.7345	0.9860	0.9720	0.9646
54.5	0.9914	0.9845	0.4535	0.9919	0.8090	0.9941	0.9818	0.9822
54.6	0.9876	0.9845	0.5248	0.9885	0.8408	0.9914	0.9781	0.9792
54.7	0.9811	0.9752	0.5000	0.9860	0.8235	0.9880	0.9744	0.9594
54.8	0.9745	0.9517	0.4384	0.9831	0.8464	0.9862	0.9482	0.9236
54.9	0.9886	0.9734	0.5249	0.9902	0.9141	0.9905	0.9689	0.9660
55.0	0.9922	0.9795	0.5559	0.9914	0.9186	0.9919	0.9746	0.9783
55.1	0.9916	0.9814	0.5243	0.9921	0.9130	0.9924	0.9648	0.9788
55.2	0.9907	0.9772	0.4453	0.9912	0.9142	0.9920	0.9620	0.9813
55.3	0.9905	0.9740	0.5253	0.9910	0.8918	0.9921	0.9609	0.9804
55.4	0.9914	0.9452	0.6188	0.9919	0.8858	0.9900	0.9692	0.9753
55.5	0.9890	0.9018	0.6850	0.9898	0.8846	0.9869	0.9433	0.9573
55.6	0.9906	0.9565	0.7598	0.9917	0.8964	0.9909	0.9520	0.9709
55.7	0.9913	0.9787	0.7750	0.9924	0.8865	0.9935	0.9656	0.9818
55.8	0.9886	0.9778	0.7783	0.9899	0.9008	0.9927	0.9621	0.9818
55.9	0.9910	0.9726	0.7858	0.9910	0.8677	0.9948	0.9633	0.9844
56.0	0.9886	0.8939	0.7859	0.9881	0.8394	0.9908	0.9215	0.9598
56.1	0.9886	0.9383	0.8499	0.9883	0.8710	0.9909	0.9178	0.9640
56.2	0.9897	0.9601	0.8132	0.9883	0.8268	0.9914	0.9200	0.9778
56.3	0.9897	0.9777	0.8622	0.9903	0.8465	0.9944	0.9112	0.9857
56.4	0.9893	0.9755	0.8382	0.9897	0.8309	0.9931	0.8821	0.9845
56.5	0.9910	0.9777	0.8411	0.9918	0.8405	0.9940	0.8713	0.9866
56.6	0.9912	0.9795	0.8607	0.9914	0.9126	0.9939	0.8776	0.9881
56.7	0.9895	0.9772	0.8836	0.9897	0.9365	0.9936	0.8243	0.9889
56.8	0.9884	0.9652	0.8530	0.9884	0.9302	0.9925	0.8162	0.9862
56.9	0.9897	0.9667	0.8866	0.9908	0.9431	0.9928	0.8744	0.9884
57.0	0.9889	0.9621	0.9024	0.9906	0.9462	0.9916	0.8830	0.9850
57.1	0.9874	0.8832	0.9087	0.9851	0.9471	0.9905	0.8458	0.9720
57.2	0.9890	0.8664	0.9212	0.9866	0.9501	0.9908	0.8055	0.9592
57.3	0.9870	0.9486	0.9141	0.9874	0.9456	0.9901	0.8697	0.9717
57.4	0.9832	0.9450	0.9106	0.9819	0.9368	0.9901	0.9128	0.9722
57.5	0.9872	0.9654	0.9241	0.9877	0.9450	0.9915	0.9185	0.9826
57.6	0.9906	0.9681	0.9216	0.9899	0.9537	0.9917	0.9356	0.9863
57.7	0.9903	0.9687	0.9468	0.9894	0.9679	0.9920	0.9550	0.9878
57.8	0.9900	0.9725	0.9417	0.9895	0.9661	0.9926	0.9449	0.9865
57.9	0.9859	0.9496	0.9086	0.9868	0.9398	0.9886	0.9409	0.9775
58.0	0.9850	0.9516	0.9308	0.9837	0.9590	0.9899	0.9552	0.9797
58.1	0.9896	0.9549	0.9328	0.9885	0.9590	0.9916	0.9550	0.9826
58.2	0.9890	0.9360	0.9268	0.9883	0.9527	0.9888	0.9482	0.9780
58.3	0.9893	0.9311	0.9390	0.9898	0.9652	0.9882	0.9591	0.9787
58.4	0.9900	0.9668	0.9472	0.9900	0.9661	0.9914	0.9589	0.9862
58.5	0.9853	0.9630	0.9470	0.9893	0.9506	0.9885	0.9432	0.9809
58.6	0.9871	0.9556	0.9382	0.9860	0.9423	0.9875	0.9365	0.9783
58.7	0.9834	0.9650	0.9325	0.9824	0.9480	0.9856	0.9441	0.9805
58.8	0.9812	0.9582	0.9319	0.9771	0.9465	0.9860	0.9475	0.9786
58.9	0.9851	0.9675	0.9594	0.9814	0.9519	0.9884	0.9606	0.9847
59.0	0.9804	0.9266	0.9463	0.9807	0.9254	0.9879	0.9553	0.9778
59.1	0.9847	0.9238	0.9612	0.9838	0.9338	0.9887	0.9651	0.9819
59.2	0.9864	0.9665	0.9706	0.9851	0.9537	0.9895	0.9737	0.9837
59.3	0.9852	0.9668	0.9591	0.9826	0.9400	0.9887	0.9743	0.9835
59.4	0.9877	0.9537	0.9493	0.9861	0.9427	0.9900	0.9645	0.9828
59.5	0.9850	0.9391	0.9413	0.9847	0.9455	0.9863	0.9544	0.9751

59.6	0.9829	0.9445	0.9424	0.9812	0.9286	0.9867	0.9585	0.9762
59.7	0.9866	0.9497	0.9568	0.9857	0.9264	0.9892	0.9644	0.9784
59.8	0.9850	0.9261	0.9574	0.9788	0.8976	0.9876	0.9622	0.9781
59.9	0.9843	0.9389	0.9535	0.9816	0.9107	0.9868	0.9566	0.9705
60.0	0.9844	0.9430	0.9621	0.9796	0.9265	0.9885	0.9371	0.9660
60.1	0.9856	0.9217	0.9673	0.9804	0.9353	0.9888	0.9669	0.9806
60.2	0.9841	0.9299	0.9717	0.9796	0.9338	0.9884	0.9779	0.9846
60.3	0.9877	0.9020	0.9693	0.9826	0.9469	0.9892	0.9720	0.9826
60.4	0.9892	0.8684	0.9775	0.9854	0.9590	0.9907	0.9773	0.9842
60.5	0.9849	0.8724	0.9718	0.9798	0.9484	0.9880	0.9746	0.9824
60.6	0.9816	0.9197	0.9622	0.9781	0.9406	0.9858	0.9677	0.9756
60.7	0.9857	0.9401	0.9707	0.9781	0.9516	0.9902	0.9760	0.9808
60.8	0.9826	0.9425	0.9698	0.9767	0.9556	0.9896	0.9729	0.9773
60.9	0.9866	0.9605	0.9671	0.9818	0.9516	0.9893	0.9754	0.9818
61.0	0.9847	0.9606	0.9657	0.9805	0.9550	0.9876	0.9663	0.9787
61.1	0.9830	0.9637	0.9550	0.9807	0.9518	0.9859	0.9622	0.9748
61.2	0.9815	0.9679	0.9589	0.9799	0.9490	0.9854	0.9638	0.9742
61.3	0.9832	0.9765	0.9627	0.9804	0.9554	0.9882	0.9768	0.9781
61.4	0.9752	0.9530	0.9407	0.9662	0.9241	0.9813	0.9696	0.9632
61.5	0.9775	0.9531	0.9423	0.9708	0.9308	0.9808	0.9575	0.9609
61.6	0.9838	0.9659	0.9521	0.9815	0.9586	0.9846	0.9604	0.9745
61.7	0.9799	0.9519	0.9389	0.9726	0.9481	0.9803	0.9535	0.9671
61.8	0.9827	0.9466	0.9523	0.9681	0.9359	0.9836	0.9544	0.9695
61.9	0.9818	0.9603	0.9578	0.9695	0.9458	0.9844	0.9602	0.9690
62.0	0.9802	0.9602	0.9511	0.9596	0.9376	0.9854	0.9560	0.9669
62.1	0.9787	0.9336	0.9463	0.9596	0.9397	0.9820	0.9521	0.9623
62.2	0.9837	0.9519	0.9489	0.9743	0.9551	0.9862	0.9668	0.9716
62.3	0.9820	0.9372	0.9380	0.9731	0.9347	0.9849	0.9546	0.9590
62.4	0.9771	0.9208	0.9408	0.9642	0.9298	0.9818	0.9408	0.9488
62.5	0.9814	0.9443	0.9515	0.9732	0.9529	0.9855	0.9541	0.9619
62.6	0.9816	0.9501	0.9465	0.9761	0.9496	0.9834	0.9493	0.9592
62.7	0.9766	0.9386	0.9389	0.9669	0.9462	0.9811	0.9434	0.9534
62.8	0.9753	0.9146	0.9440	0.9629	0.9550	0.9813	0.9270	0.9551
62.9	0.9766	0.9144	0.9477	0.9572	0.9440	0.9824	0.9298	0.9514
63.0	0.9745	0.9206	0.9308	0.9662	0.9274	0.9798	0.9307	0.9438
63.1	0.9794	0.9295	0.9189	0.9610	0.9441	0.9846	0.9139	0.9491
63.2	0.9767	0.9336	0.8957	0.9501	0.9220	0.9818	0.9071	0.9303
63.3	0.9803	0.9042	0.8958	0.9343	0.9180	0.9829	0.9034	0.9383
63.4	0.9855	0.9054	0.9105	0.9306	0.9244	0.9876	0.8992	0.9415
63.5	0.9846	0.9203	0.9254	0.9433	0.9469	0.9883	0.8948	0.9492
63.6	0.9735	0.9296	0.8938	0.9482	0.9208	0.9824	0.8781	0.9100
63.7	0.9761	0.9441	0.8708	0.9557	0.9185	0.9846	0.9097	0.9056
63.8	0.9800	0.9357	0.8677	0.9495	0.9309	0.9855	0.8793	0.9193
63.9	0.9747	0.9174	0.8251	0.9405	0.9095	0.9806	0.8485	0.8879
64.0	0.9756	0.9255	0.8072	0.9398	0.8973	0.9825	0.8565	0.8654
64.1	0.9681	0.9351	0.7790	0.9424	0.9178	0.9775	0.8629	0.8777
64.2	0.9661	0.9325	0.7920	0.9296	0.9110	0.9768	0.8777	0.8704
64.3	0.9718	0.9451	0.8611	0.9475	0.9252	0.9819	0.8778	0.8994
64.4	0.9616	0.9386	0.8044	0.9338	0.9120	0.9819	0.8826	0.8734
64.5	0.9678	0.9451	0.7457	0.9373	0.9106	0.9820	0.8664	0.8449
64.6	0.9562	0.9575	0.7557	0.9441	0.9206	0.9828	0.8774	0.8406
64.7	0.9681	0.9567	0.8050	0.9537	0.9169	0.9836	0.9118	0.8355
64.8	0.9704	0.9598	0.8196	0.9580	0.9265	0.9792	0.9366	0.8508
64.9	0.9728	0.9653	0.7537	0.9570	0.9334	0.9796	0.9338	0.8516
65.0	0.9674	0.9683	0.7393	0.9575	0.9379	0.9831	0.9386	0.8589
65.1	0.9594	0.9602	0.6321	0.9440	0.9047	0.9743	0.9024	0.7831
65.2	0.9502	0.9590	0.5469	0.9124	0.9061	0.9674	0.8915	0.7495
65.3	0.9646	0.9726	0.6875	0.9487	0.9296	0.9733	0.9416	0.8010
65.4	0.9756	0.9772	0.6760	0.9664	0.9386	0.9765	0.9592	0.8207
65.5	0.9746	0.9764	0.6502	0.9548	0.9438	0.9730	0.9506	0.7964
65.6	0.9744	0.9727	0.6570	0.9527	0.9198	0.9704	0.9469	0.7434
65.7	0.9693	0.9706	0.6097	0.9391	0.9126	0.9689	0.9371	0.7409
65.8	0.9744	0.9798	0.5865	0.9488	0.9276	0.9698	0.9457	0.7725
65.9	0.9614	0.9729	0.4685	0.9325	0.9005	0.9586	0.9455	0.7049
66.0	0.9569	0.9618	0.4766	0.9297	0.8992	0.9469	0.9533	0.7161
66.1	0.9587	0.9676	0.4949	0.9309	0.9218	0.9502	0.9571	0.7732
66.2	0.9568	0.9644	0.3252	0.9074	0.8902	0.9322	0.9318	0.7403
66.3	0.9650	0.9646	0.4533	0.9110	0.9087	0.9538	0.9530	0.7739
66.4	0.9627	0.9649	0.5302	0.9160	0.8904	0.9450	0.9642	0.7270
66.5	0.9601	0.9578	0.4023	0.9112	0.8745	0.9354	0.9508	0.7068
66.6	0.9585	0.9609	0.2949	0.9226	0.9010	0.9238	0.9492	0.7509
66.7	0.9603	0.9643	0.5662	0.9130	0.9167	0.9434	0.9647	0.8456
66.8	0.9423	0.9518	0.5112	0.8811	0.8790	0.9232	0.9562	0.7910
66.9	0.9362	0.9410	0.4389	0.8826	0.8707	0.9082	0.9478	0.7761
67.0	0.9447	0.9460	0.3281	0.9011	0.8937	0.8960	0.9387	0.8189
67.1	0.9428	0.9431	0.3616	0.8952	0.8903	0.9040	0.9379	0.8264
67.2	0.9630	0.9606	0.4865	0.9158	0.9265	0.9222	0.9417	0.8832
67.3	0.9584	0.9573	0.3555	0.9223	0.9271	0.8904	0.9376	0.9137
67.4	0.9515	0.9551	0.4533	0.8982	0.9172	0.9136	0.9216	0.9209
67.5	0.9399	0.9426	0.4990	0.8791	0.9187	0.8972	0.9048	0.9147
67.6	0.9447	0.9386	0.3876	0.9007	0.9093	0.8919	0.9199	0.8832
67.7	0.9634	0.9594	0.3906	0.9163	0.9281	0.9095	0.9289	0.9055
67.8	0.9625	0.9637	0.5287	0.9287	0.9409	0.9071	0.9412	0.9274
67.9	0.9453	0.9528	0.3988	0.9092	0.9293	0.8833	0.9309	0.9235
68.0	0.9294	0.9428	0.5964	0.8955	0.9178	0.8719	0.9200	0.8802
68.1	0.9382	0.9486	0.4970	0.9172	0.9217	0.8829	0.9091	0.9022

68.2	0.9396	0.9458	0.4490	0.9155	0.9121	0.9024	0.9097	0.9205
68.3	0.9365	0.9372	0.5288	0.9075	0.9140	0.8821	0.9039	0.8943
68.4	0.9416	0.9482	0.5200	0.9253	0.9322	0.9033	0.8954	0.9021
68.5	0.9161	0.9383	0.5152	0.8982	0.9139	0.8803	0.8872	0.8835
68.6	0.8998	0.9189	0.5449	0.8674	0.8809	0.8247	0.8578	0.8439
68.7	0.9171	0.9370	0.4538	0.8898	0.8929	0.8351	0.8585	0.8288
68.8	0.9210	0.9322	0.4896	0.8975	0.9063	0.8253	0.8544	0.8292
68.9	0.9056	0.9185	0.5326	0.9085	0.9122	0.8529	0.8626	0.8498
69.0	0.9317	0.9435	0.4902	0.9343	0.9371	0.8841	0.8975	0.9172
69.1	0.9191	0.9436	0.4174	0.9302	0.9293	0.8773	0.8910	0.9135
69.2	0.9080	0.9425	0.5669	0.9350	0.9266	0.8797	0.8948	0.8589
69.3	0.8855	0.9400	0.4811	0.9200	0.9035	0.8696	0.8863	0.8118
69.4	0.8541	0.9124	0.4428	0.8933	0.8642	0.8337	0.8705	0.7660
69.5	0.8454	0.8967	0.4575	0.8915	0.8437	0.8405	0.8705	0.6944
69.6	0.8795	0.9005	0.4538	0.9124	0.8617	0.8671	0.8738	0.7147
69.7	0.8858	0.9029	0.4320	0.9141	0.8754	0.8785	0.8794	0.6921
69.8	0.9035	0.9073	0.4374	0.9263	0.9006	0.8935	0.8950	0.6518
69.9	0.9312	0.9077	0.4434	0.9189	0.9166	0.8921	0.8857	0.6501
70.0	0.9155	0.9129	0.4765	0.9269	0.9049	0.9037	0.8982	0.4645
70.1	0.9002	0.9139	0.4390	0.9270	0.8868	0.9028	0.9084	0.3791
70.2	0.9169	0.9131	0.4756	0.9180	0.9120	0.9002	0.8978	0.3021
70.3	0.9415	0.9247	0.5645	0.9244	0.9318	0.9127	0.9078	0.3619
70.4	0.9361	0.9254	0.5933	0.9329	0.9275	0.9262	0.9119	0.2976
70.5	0.9338	0.9145	0.5359	0.9086	0.9274	0.9117	0.8912	0.1934
70.6	0.9275	0.9231	0.4374	0.9101	0.9193	0.9179	0.8977	0.1900
70.7	0.9279	0.9131	0.5131	0.9074	0.9148	0.9174	0.8865	0.3137
70.8	0.9151	0.9123	0.6528	0.9089	0.9303	0.9192	0.9041	0.4973
70.9	0.9295	0.9146	0.7223	0.9012	0.9323	0.9152	0.8866	0.4322
71.0	0.9396	0.9192	0.7139	0.9037	0.9377	0.9231	0.8946	0.3976
71.1	0.9390	0.9457	0.6948	0.9227	0.9448	0.9446	0.9260	0.5735
71.2	0.9422	0.9608	0.7066	0.9345	0.9558	0.9533	0.9449	0.7264
71.3	0.9301	0.9403	0.7532	0.8976	0.9383	0.9317	0.9225	0.7193
71.4	0.8868	0.9363	0.7992	0.8888	0.9229	0.9217	0.9108	0.6455
71.5	0.9204	0.9452	0.8240	0.9076	0.9420	0.9385	0.9190	0.7237
71.6	0.9328	0.9527	0.8190	0.9202	0.9478	0.9487	0.9328	0.7979
71.7	0.8977	0.9460	0.7742	0.8857	0.9437	0.9322	0.9216	0.6886
71.8	0.8825	0.9454	0.8042	0.8797	0.9288	0.9309	0.9252	0.6469
71.9	0.8572	0.9312	0.7974	0.8578	0.8959	0.9197	0.9071	0.6862
72.0	0.8472	0.9362	0.8260	0.8695	0.8893	0.9224	0.9010	0.6411
72.1	0.8709	0.9500	0.8357	0.8843	0.9141	0.9379	0.9226	0.6974
72.2	0.8694	0.9482	0.8042	0.8814	0.9384	0.9372	0.9252	0.6579
72.3	0.8947	0.9635	0.8790	0.9001	0.9406	0.9499	0.9375	0.6627
72.4	0.8812	0.9718	0.8932	0.9026	0.9456	0.9514	0.9465	0.7572
72.5	0.9007	0.9726	0.8618	0.8972	0.9502	0.9541	0.9535	0.8074
72.6	0.8875	0.9704	0.8442	0.8788	0.9418	0.9507	0.9501	0.8013
72.7	0.8367	0.9628	0.8297	0.8599	0.9158	0.9438	0.9272	0.7119
72.8	0.8613	0.9654	0.8404	0.8849	0.9118	0.9481	0.9351	0.7405
72.9	0.8959	0.9673	0.8484	0.8868	0.9417	0.9490	0.9483	0.7415
73.0	0.8852	0.9649	0.8450	0.8717	0.9257	0.9408	0.9429	0.8088
73.1	0.8533	0.9604	0.8533	0.8426	0.9222	0.9326	0.9291	0.7982
73.2	0.8573	0.9597	0.8307	0.7880	0.8946	0.9224	0.9105	0.7756
73.3	0.8742	0.9625	0.8442	0.7880	0.9027	0.9204	0.9342	0.8589
73.4	0.8310	0.9478	0.8213	0.7709	0.8666	0.8911	0.9150	0.8245
73.5	0.8557	0.9525	0.8265	0.7280	0.9066	0.8920	0.9263	0.8457
73.6	0.8854	0.9590	0.8303	0.8009	0.9089	0.9081	0.9323	0.8657
73.7	0.8137	0.9538	0.7978	0.7266	0.8805	0.8892	0.9242	0.8235
73.8	0.8103	0.9431	0.8273	0.6877	0.8988	0.8651	0.9035	0.8329
73.9	0.8284	0.9536	0.8540	0.6964	0.8788	0.8567	0.8985	0.8503
74.0	0.8800	0.9577	0.8209	0.6896	0.9109	0.8569	0.9127	0.8684
74.1	0.8795	0.9514	0.8297	0.6534	0.9056	0.8333	0.9036	0.8545
74.2	0.8435	0.9411	0.8162	0.6083	0.8582	0.8251	0.9089	0.8375
74.3	0.8434	0.9376	0.8086	0.5936	0.8484	0.8071	0.9122	0.8494
74.4	0.8324	0.9368	0.8293	0.5844	0.8345	0.7840	0.9007	0.8624
74.5	0.8203	0.9434	0.8076	0.5398	0.8462	0.7728	0.8909	0.8375
74.6	0.8227	0.9341	0.8013	0.4764	0.8520	0.7468	0.8877	0.8282
74.7	0.8523	0.9332	0.8036	0.4562	0.8553	0.6912	0.8944	0.8284
74.8	0.8775	0.9452	0.8492	0.5700	0.8829	0.7217	0.9023	0.8510
74.9	0.8481	0.9365	0.7961	0.3811	0.8711	0.6277	0.9065	0.8392
75.0	0.8339	0.9278	0.7450	0.3109	0.8589	0.5291	0.9065	0.8527
75.1	0.8632	0.9489	0.8343	0.4581	0.9053	0.6211	0.9046	0.8697
75.2	0.8249	0.9246	0.8026	0.4188	0.8903	0.5893	0.8722	0.8755
75.3	0.8112	0.9169	0.8088	0.4308	0.8512	0.5226	0.8717	0.8422
75.4	0.8157	0.9153	0.7699	0.3003	0.8778	0.3947	0.8496	0.8029
75.5	0.8185	0.9027	0.8119	0.4581	0.8898	0.2994	0.8583	0.8123
75.6	0.8001	0.9245	0.8235	0.4437	0.8749	0.2161	0.9014	0.8327
75.7	0.8666	0.9254	0.8528	0.4298	0.8977	0.2242	0.9048	0.8578
75.8	0.8513	0.9239	0.8246	0.3920	0.9016	0.3566	0.9025	0.8662
75.9	0.8040	0.9134	0.8024	0.4279	0.8814	0.1827	0.9031	0.8591
76.0	0.8153	0.9162	0.8038	0.4022	0.8999	0.1205	0.9034	0.8597
76.1	0.7998	0.8917	0.8012	0.4311	0.8879	0.0348	0.8541	0.7930
76.2	0.8094	0.8749	0.7892	0.4378	0.8743	0.0438	0.8694	0.7895
76.3	0.7609	0.8656	0.7463	0.3416	0.8464	0.0777	0.8758	0.7829
76.4	0.7835	0.9100	0.7236	0.2907	0.8959	0.0760	0.8897	0.8269
76.5	0.8536	0.9246	0.7960	0.3987	0.9143	0.0767	0.8835	0.8430
76.6	0.8813	0.9340	0.8507	0.4948	0.9267	0.2486	0.9013	0.8757
76.7	0.8811	0.9239	0.8544	0.5754	0.9197	0.2228	0.8984	0.8691

76.8	0.8228	0.9139	0.8290	0.6111	0.9262	0.2849	0.8824	0.8518
76.9	0.7955	0.9129	0.7876	0.5264	0.9206	0.4338	0.8708	0.8425
77.0	0.8134	0.9036	0.7655	0.5144	0.9174	0.5433	0.8769	0.8560
77.1	0.8283	0.9271	0.7655	0.6243	0.9300	0.6656	0.8790	0.8786
77.2	0.8249	0.9383	0.7953	0.6850	0.9410	0.7189	0.8941	0.8991
77.3	0.8719	0.9340	0.7969	0.6822	0.9450	0.7965	0.8925	0.9128
77.4	0.8903	0.9204	0.8032	0.7154	0.9516	0.7774	0.8838	0.9126
77.5	0.7988	0.9003	0.7822	0.6385	0.9350	0.7655	0.8502	0.8931
77.6	0.8285	0.9172	0.8372	0.7625	0.9355	0.8537	0.8535	0.9006
77.7	0.7664	0.9205	0.8211	0.7755	0.9344	0.8397	0.8541	0.8959
77.8	0.7948	0.9249	0.8151	0.7111	0.9473	0.8526	0.8911	0.9288
77.9	0.8101	0.9269	0.8165	0.7854	0.9518	0.8771	0.8982	0.9320
78.0	0.7555	0.9324	0.7910	0.7632	0.9551	0.8635	0.8746	0.9150
78.1	0.7215	0.9107	0.8395	0.7723	0.9496	0.8697	0.8271	0.9097
78.2	0.7132	0.8874	0.7892	0.7743	0.9446	0.8741	0.8039	0.8976
78.3	0.7762	0.8844	0.7857	0.8400	0.9588	0.9178	0.8387	0.9265
78.4	0.8048	0.9187	0.7661	0.8704	0.9589	0.9124	0.8756	0.9283
78.5	0.7533	0.9063	0.7604	0.8491	0.9601	0.9132	0.8723	0.9312
78.6	0.7418	0.9320	0.8493	0.8491	0.9674	0.9316	0.9169	0.9507
78.7	0.7971	0.9553	0.8647	0.8772	0.9756	0.9415	0.9255	0.9588
78.8	0.8428	0.9413	0.8385	0.8849	0.9704	0.9493	0.9172	0.9588
78.9	0.8311	0.9375	0.8135	0.8831	0.9669	0.9473	0.9149	0.9518
79.0	0.8505	0.9433	0.7855	0.8615	0.9683	0.9350	0.9138	0.9470
79.1	0.8077	0.9458	0.7021	0.8334	0.9732	0.9349	0.9161	0.9476
79.2	0.8147	0.9608	0.7788	0.8673	0.9741	0.9467	0.9323	0.9539
79.3	0.7600	0.9553	0.7833	0.8602	0.9740	0.9381	0.9131	0.9421
79.4	0.5870	0.9293	0.7541	0.8300	0.9567	0.9285	0.8743	0.9179
79.5	0.7026	0.9550	0.8010	0.8684	0.9694	0.9444	0.9201	0.9476
79.6	0.7828	0.9624	0.8641	0.9062	0.9775	0.9573	0.9530	0.9659
79.7	0.8021	0.9537	0.8348	0.9054	0.9775	0.9539	0.9450	0.9597
79.8	0.8193	0.9504	0.8001	0.9148	0.9729	0.9610	0.9404	0.9589
79.9	0.8360	0.9602	0.8137	0.9304	0.9768	0.9645	0.9512	0.9662
80.0	0.8220	0.9611	0.8353	0.9120	0.9726	0.9598	0.9610	0.9693

2.2.34 Run 3 – IP315-200 – Accels 25–32

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9963	0.9987	0.9986	0.9986	0.9875	0.1661	0.9858	0.9868
0.1	0.9841	0.9931	0.9926	0.9922	0.9472	0.0570	0.9475	0.9479
0.2	0.0049	0.0044	0.0153	0.0302	0.0217	0.0010	0.0013	0.0004
0.3	0.0015	0.0019	0.0067	0.0008	0.0089	0.0180	0.0170	0.0100
0.4	0.0088	0.0045	0.0042	0.0138	0.0280	0.0087	0.0082	0.0453
0.5	0.0214	0.0323	0.0201	0.0169	0.0639	0.0082	0.0035	0.0482
0.6	0.0060	0.0983	0.1805	0.0205	0.0058	0.0338	0.0337	0.1315
0.7	0.0037	0.4427	0.5394	0.0522	0.0037	0.2427	0.0675	0.3260
0.8	0.0109	0.7224	0.6544	0.0117	0.0154	0.2608	0.0250	0.4757
0.9	0.0195	0.8501	0.6884	0.0407	0.0017	0.3371	0.1074	0.5489
1.0	0.0275	0.7701	0.4457	0.0014	0.0082	0.2326	0.1277	0.3424
1.1	0.0431	0.7061	0.1726	0.0246	0.0049	0.1685	0.0476	0.1879
1.2	0.0338	0.9072	0.4922	0.0066	0.0088	0.2558	0.1630	0.4434
1.3	0.0920	0.9607	0.5271	0.0699	0.0200	0.4613	0.2569	0.6276
1.4	0.1784	0.9627	0.5548	0.2822	0.0110	0.6300	0.3225	0.7416
1.5	0.3423	0.9350	0.6268	0.5965	0.0873	0.7612	0.6305	0.8187
1.6	0.4966	0.9602	0.6798	0.5236	0.2514	0.8637	0.8466	0.8851
1.7	0.6418	0.9727	0.8709	0.3232	0.5260	0.8065	0.8929	0.8147
1.8	0.7546	0.9698	0.9112	0.3279	0.7672	0.8330	0.9031	0.8392
1.9	0.8354	0.9550	0.9316	0.2181	0.8431	0.8269	0.9209	0.8318
2.0	0.9134	0.9327	0.9597	0.3006	0.9214	0.8957	0.8915	0.8966
2.1	0.8989	0.8728	0.9809	0.3794	0.9302	0.9361	0.7463	0.9345
2.2	0.8595	0.8318	0.9890	0.5889	0.8809	0.9755	0.7523	0.9739
2.3	0.4107	0.3577	0.8751	0.1798	0.4350	0.9723	0.2942	0.9650
2.4	0.5452	0.6800	0.8955	0.2975	0.6004	0.9859	0.7352	0.9849
2.5	0.8766	0.9398	0.9571	0.5440	0.9002	0.9890	0.9503	0.9930
2.6	0.9289	0.9838	0.9751	0.4422	0.9494	0.9895	0.9843	0.9942
2.7	0.9126	0.9893	0.9796	0.3725	0.9439	0.9863	0.9857	0.9913
2.8	0.8041	0.9907	0.9730	0.1952	0.9135	0.9739	0.9791	0.9829
2.9	0.6345	0.9942	0.9702	0.1005	0.8927	0.9621	0.9762	0.9756
3.0	0.1687	0.9971	0.9698	0.0070	0.8352	0.9495	0.9693	0.9661
3.1	0.3668	0.9976	0.9689	0.0555	0.8030	0.9377	0.9609	0.9577
3.2	0.7994	0.9985	0.9804	0.1323	0.8633	0.9506	0.9693	0.9659
3.3	0.9059	0.9991	0.9813	0.2596	0.8814	0.9434	0.9634	0.9599
3.4	0.9061	0.9988	0.9747	0.3657	0.8504	0.9096	0.9404	0.9359
3.5	0.9508	0.9994	0.9773	0.4093	0.8414	0.9022	0.9339	0.9295
3.6	0.9478	0.9993	0.9710	0.4822	0.8029	0.8608	0.9047	0.8980
3.7	0.9584	0.9996	0.9789	0.6261	0.8542	0.8748	0.9152	0.9086
3.8	0.9747	0.9995	0.9798	0.6523	0.8542	0.8776	0.9104	0.9084
3.9	0.9705	0.9996	0.9804	0.7679	0.8382	0.8657	0.9030	0.8985
4.0	0.9761	0.9997	0.9822	0.8038	0.8375	0.8359	0.9044	0.8772
4.1	0.9829	0.9996	0.9754	0.7840	0.8235	0.7646	0.8606	0.8262
4.2	0.9855	0.9995	0.9767	0.6925	0.8194	0.7498	0.8384	0.8181
4.3	0.9829	0.9992	0.9779	0.7552	0.8396	0.7628	0.8149	0.8211
4.4	0.9824	0.9993	0.9807	0.8062	0.8777	0.8021	0.8379	0.8477
4.5	0.9875	0.9993	0.9895	0.8457	0.9129	0.8473	0.8762	0.8935
4.6	0.9875	0.9993	0.9870	0.8771	0.8792	0.8424	0.8546	0.8918
4.7	0.9825	0.9990	0.9830	0.8169	0.8523	0.8259	0.7757	0.8790
4.8	0.9787	0.9984	0.9817	0.7730	0.8431	0.8717	0.8431	0.9127
4.9	0.9836	0.9986	0.9808	0.8097	0.8693	0.8690	0.8463	0.9029
5.0	0.9870	0.9987	0.9805	0.8161	0.8973	0.8923	0.8333	0.9208
5.1	0.9855	0.9987	0.9840	0.7874	0.8852	0.8912	0.8913	0.9192
5.2	0.9893	0.9990	0.9875	0.8458	0.9174	0.8994	0.9278	0.9215
5.3	0.9899	0.9991	0.9888	0.8915	0.9358	0.9237	0.9505	0.9367
5.4	0.9866	0.9990	0.9907	0.8925	0.9356	0.8929	0.9515	0.9131
5.5	0.9910	0.9989	0.9920	0.8873	0.9480	0.8710	0.9449	0.8982
5.6	0.9893	0.9989	0.9914	0.8160	0.9385	0.8156	0.9238	0.8549
5.7	0.9890	0.9985	0.9931	0.8128	0.9320	0.7776	0.9193	0.8155
5.8	0.9910	0.9986	0.9952	0.8776	0.9432	0.8247	0.9342	0.8558
5.9	0.9841	0.9976	0.9936	0.7968	0.9100	0.7633	0.9273	0.8079
6.0	0.9775	0.9973	0.9895	0.6397	0.8942	0.6943	0.9394	0.7716
6.1	0.9789	0.9983	0.9917	0.7517	0.8813	0.6044	0.9386	0.6988
6.2	0.9777	0.9992	0.9948	0.7699	0.8757	0.5625	0.9503	0.6549
6.3	0.9641	0.9986	0.9932	0.7272	0.8433	0.4379	0.9547	0.5481
6.4	0.9558	0.9985	0.9935	0.7788	0.8021	0.5607	0.9585	0.6427
6.5	0.9329	0.9983	0.9929	0.7997	0.7688	0.5416	0.9578	0.6209
6.6	0.9250	0.9972	0.9926	0.8153	0.7637	0.5342	0.9550	0.6145
6.7	0.8770	0.9967	0.9928	0.8260	0.7479	0.5366	0.9593	0.6092
6.8	0.7997	0.9958	0.9920	0.8659	0.7851	0.4290	0.9599	0.5295
6.9	0.8404	0.9929	0.9936	0.9159	0.8465	0.4304	0.9555	0.5621
7.0	0.8047	0.9797	0.9939	0.9370	0.8702	0.4615	0.9232	0.5871
7.1	0.8136	0.9456	0.9933	0.9344	0.6886	0.4631	0.7696	0.5706
7.2	0.9064	0.9415	0.9939	0.9553	0.7042	0.0938	0.7228	0.2635
7.3	0.9777	0.9794	0.9949	0.9688	0.7858	0.1572	0.7963	0.3572
7.4	0.9749	0.9336	0.9942	0.9637	0.6809	0.3960	0.6506	0.2790
7.5	0.9887	0.9386	0.9902	0.9666	0.7153	0.4574	0.8137	0.2617
7.6	0.9956	0.9787	0.9925	0.9709	0.6250	0.3763	0.8306	0.2213
7.7	0.9969	0.9865	0.9933	0.9702	0.5652	0.2856	0.8112	0.1700
7.8	0.9962	0.9951	0.9948	0.9778	0.6568	0.3899	0.8297	0.2249
7.9	0.9973	0.9942	0.9963	0.9887	0.7789	0.5553	0.8614	0.3505

8.0	0.9962	0.9886	0.9951	0.9878	0.7796	0.4644	0.8352	0.2412
8.1	0.9969	0.9934	0.9952	0.9889	0.8014	0.2850	0.8665	0.2458
8.2	0.9957	0.9919	0.9921	0.9842	0.8491	0.2906	0.8804	0.2545
8.3	0.9951	0.9933	0.9915	0.9860	0.9148	0.4515	0.9432	0.4786
8.4	0.9949	0.9952	0.9921	0.9840	0.9302	0.4763	0.9492	0.5213
8.5	0.9914	0.9943	0.9914	0.9809	0.9393	0.3130	0.9489	0.3468
8.6	0.9910	0.9936	0.9917	0.9856	0.9530	0.4156	0.9606	0.4522
8.7	0.9914	0.9956	0.9955	0.9895	0.9690	0.6185	0.9771	0.6070
8.8	0.9827	0.9904	0.9924	0.9794	0.9663	0.5029	0.9713	0.4615
8.9	0.9836	0.9889	0.9854	0.9794	0.9716	0.1764	0.9733	0.1198
9.0	0.9655	0.9738	0.9818	0.9580	0.9516	0.1524	0.9422	0.2354
9.1	0.9783	0.9839	0.9839	0.9755	0.9700	0.4710	0.9674	0.4988
9.2	0.9346	0.9482	0.9870	0.9337	0.9239	0.4983	0.9268	0.4719
9.3	0.9196	0.9216	0.9899	0.9187	0.8973	0.2953	0.8998	0.2305
9.4	0.9544	0.9462	0.9919	0.9567	0.9415	0.3856	0.9403	0.3112
9.5	0.9734	0.9628	0.9920	0.9741	0.9531	0.5165	0.9496	0.4638
9.6	0.9803	0.9630	0.9913	0.9813	0.9505	0.5871	0.9393	0.5045
9.7	0.9885	0.9742	0.9881	0.9853	0.9589	0.6647	0.9360	0.5660
9.8	0.9938	0.9781	0.9860	0.9914	0.9431	0.7680	0.9360	0.6800
9.9	0.9959	0.9735	0.9792	0.9941	0.9272	0.6630	0.8912	0.5402
10.0	0.9958	0.9570	0.9514	0.9912	0.8561	0.5421	0.8126	0.3164
10.1	0.9969	0.9564	0.9449	0.9937	0.8454	0.5311	0.8313	0.2698
10.2	0.9979	0.9598	0.9645	0.9956	0.8830	0.6649	0.8275	0.5005
10.3	0.9975	0.9551	0.9802	0.9947	0.8374	0.6486	0.8584	0.4378
10.4	0.9978	0.9522	0.9857	0.9952	0.7766	0.5903	0.8371	0.3617
10.5	0.9976	0.9005	0.9862	0.9956	0.7132	0.5920	0.8373	0.3254
10.6	0.9974	0.8927	0.9845	0.9949	0.6677	0.6510	0.7486	0.4442
10.7	0.9979	0.8229	0.9863	0.9954	0.6404	0.6609	0.7496	0.4521
10.8	0.9980	0.8456	0.9874	0.9944	0.6779	0.7286	0.7582	0.5336
10.9	0.9980	0.9028	0.9816	0.9915	0.6324	0.6384	0.6493	0.4461
11.0	0.9981	0.9291	0.9825	0.9920	0.6730	0.6750	0.5879	0.4646
11.1	0.9980	0.9514	0.9799	0.9925	0.6686	0.7006	0.5530	0.4571
11.2	0.9984	0.9653	0.9790	0.9933	0.7301	0.7929	0.4836	0.6212
11.3	0.9980	0.9740	0.9835	0.9910	0.7798	0.7634	0.5058	0.5779
11.4	0.9984	0.9816	0.9835	0.9934	0.8456	0.7707	0.6219	0.5879
11.5	0.9981	0.9805	0.9847	0.9929	0.8885	0.8412	0.6585	0.7114
11.6	0.9977	0.9806	0.9804	0.9916	0.8999	0.8594	0.6467	0.7198
11.7	0.9980	0.9845	0.9844	0.9915	0.9063	0.8703	0.5886	0.7252
11.8	0.9974	0.9841	0.9786	0.9924	0.9075	0.8587	0.5550	0.7341
11.9	0.9973	0.9867	0.9837	0.9929	0.9064	0.8655	0.7447	0.7451
12.0	0.9977	0.9873	0.9841	0.9907	0.9195	0.8889	0.7879	0.7694
12.1	0.9972	0.9858	0.9817	0.9884	0.8878	0.8882	0.7444	0.7336
12.2	0.9957	0.9876	0.9832	0.9865	0.8718	0.8612	0.7371	0.6678
12.3	0.9951	0.9872	0.9779	0.9862	0.8506	0.8768	0.7412	0.7163
12.4	0.9941	0.9846	0.9734	0.9852	0.8425	0.8984	0.8110	0.7507
12.5	0.9932	0.9824	0.9688	0.9840	0.8105	0.8880	0.8162	0.6897
12.6	0.9934	0.9837	0.9768	0.9863	0.8522	0.9157	0.8538	0.7682
12.7	0.9908	0.9823	0.9633	0.9821	0.8117	0.8935	0.8242	0.7171
12.8	0.9893	0.9733	0.9695	0.9738	0.7673	0.8897	0.8262	0.7066
12.9	0.9885	0.9671	0.9654	0.9721	0.8027	0.9127	0.8056	0.7467
13.0	0.9898	0.9712	0.9720	0.9780	0.8159	0.9159	0.8226	0.7193
13.1	0.9872	0.9709	0.9727	0.9748	0.7465	0.9180	0.8459	0.7709
13.2	0.9829	0.9521	0.9718	0.9540	0.7021	0.9444	0.8694	0.8434
13.3	0.9743	0.9223	0.9649	0.9291	0.5887	0.8993	0.8048	0.7953
13.4	0.9721	0.8997	0.9530	0.9205	0.4502	0.8419	0.6959	0.7056
13.5	0.9685	0.9121	0.9489	0.9300	0.2133	0.8755	0.8339	0.6931
13.6	0.9717	0.8978	0.9500	0.9186	0.2426	0.8886	0.9033	0.6601
13.7	0.9753	0.9327	0.9739	0.9393	0.6712	0.9224	0.9411	0.7211
13.8	0.9694	0.9368	0.9780	0.9415	0.7952	0.9387	0.9397	0.7725
13.9	0.9473	0.9235	0.9769	0.9249	0.8611	0.9368	0.9258	0.7714
14.0	0.9327	0.8862	0.9795	0.8898	0.8033	0.8772	0.9005	0.6140
14.1	0.9417	0.9050	0.9830	0.9093	0.8273	0.8445	0.9181	0.5032
14.2	0.9369	0.8987	0.9757	0.9025	0.8247	0.8913	0.9229	0.5815
14.3	0.9545	0.9279	0.9852	0.9312	0.8796	0.8991	0.9433	0.4743
14.4	0.9497	0.9168	0.9792	0.9226	0.8524	0.8892	0.9473	0.4462
14.5	0.9684	0.9492	0.9861	0.9530	0.8834	0.9173	0.9667	0.6073
14.6	0.9760	0.9575	0.9897	0.9608	0.8988	0.9362	0.9684	0.6856
14.7	0.9768	0.9676	0.9922	0.9695	0.8809	0.9397	0.9702	0.7244
14.8	0.9609	0.9747	0.9949	0.9732	0.8882	0.9289	0.9735	0.7019
14.9	0.9686	0.9845	0.9968	0.9815	0.9296	0.9184	0.9831	0.6329
15.0	0.9804	0.9884	0.9971	0.9873	0.9443	0.9295	0.9841	0.5918
15.1	0.9841	0.9876	0.9968	0.9874	0.9538	0.9292	0.9772	0.5247
15.2	0.9900	0.9907	0.9972	0.9902	0.9646	0.9535	0.9809	0.7218
15.3	0.9931	0.9912	0.9978	0.9913	0.9673	0.9609	0.9831	0.7852
15.4	0.9944	0.9916	0.9978	0.9913	0.9623	0.9646	0.9850	0.8336
15.5	0.9957	0.9933	0.9972	0.9930	0.9485	0.9693	0.9855	0.8666
15.6	0.9970	0.9952	0.9981	0.9949	0.9424	0.9737	0.9818	0.9058
15.7	0.9969	0.9944	0.9976	0.9943	0.9238	0.9739	0.9764	0.9149
15.8	0.9949	0.9913	0.9962	0.9920	0.8994	0.9703	0.9713	0.8925
15.9	0.9975	0.9936	0.9979	0.9949	0.9177	0.9773	0.9821	0.9225
16.0	0.9971	0.9908	0.9972	0.9904	0.8713	0.9735	0.9742	0.9223
16.1	0.9958	0.9857	0.9969	0.9850	0.8028	0.9623	0.9701	0.9005
16.2	0.9949	0.9826	0.9973	0.9868	0.7779	0.9688	0.9767	0.9273
16.3	0.9950	0.9788	0.9974	0.9888	0.7461	0.9788	0.9845	0.9525
16.4	0.9937	0.9810	0.9979	0.9917	0.6829	0.9728	0.9827	0.9447
16.5	0.9911	0.9876	0.9974	0.9905	0.6198	0.9472	0.9617	0.9029

16.6	0.9936	0.9880	0.9976	0.9900	0.6631	0.9629	0.9626	0.9381
16.7	0.9883	0.9882	0.9982	0.9890	0.6155	0.9614	0.9535	0.9381
16.8	0.9848	0.9858	0.9978	0.9865	0.5535	0.9525	0.9142	0.9423
16.9	0.9823	0.9836	0.9971	0.9862	0.3609	0.9424	0.8674	0.9296
17.0	0.9817	0.9787	0.9955	0.9824	0.1092	0.8941	0.8599	0.8434
17.1	0.9846	0.9711	0.9951	0.9749	0.0327	0.7631	0.7969	0.7472
17.2	0.9900	0.9867	0.9971	0.9859	0.2924	0.8842	0.8847	0.9013
17.3	0.9869	0.9793	0.9955	0.9759	0.2372	0.8322	0.8418	0.8701
17.4	0.9893	0.9811	0.9947	0.9803	0.3330	0.8724	0.8992	0.7627
17.5	0.9904	0.9810	0.9949	0.9796	0.2642	0.9284	0.9064	0.7229
17.6	0.9900	0.9749	0.9944	0.9755	0.0299	0.9137	0.8961	0.6617
17.7	0.9898	0.9677	0.9928	0.9682	0.1088	0.9180	0.8879	0.6287
17.8	0.9882	0.9668	0.9932	0.9707	0.1459	0.9353	0.8731	0.7149
17.9	0.9800	0.9528	0.9922	0.9409	0.1047	0.9148	0.7642	0.7066
18.0	0.9807	0.9427	0.9891	0.9249	0.1868	0.9158	0.6076	0.7758
18.1	0.9821	0.9338	0.9883	0.9371	0.2094	0.9283	0.5938	0.8034
18.2	0.9873	0.9501	0.9883	0.9474	0.3956	0.9281	0.6312	0.7892
18.3	0.9885	0.9419	0.9871	0.9510	0.4443	0.9302	0.6234	0.7584
18.4	0.9875	0.9297	0.9842	0.9354	0.4169	0.9235	0.6913	0.7709
18.5	0.9818	0.9183	0.9820	0.9162	0.2112	0.8786	0.6719	0.6483
18.6	0.9569	0.8888	0.9848	0.8800	0.2344	0.8801	0.6571	0.5092
18.7	0.8929	0.8286	0.9810	0.8003	0.1744	0.8743	0.5103	0.5362
18.8	0.9315	0.8792	0.9846	0.8941	0.2739	0.9093	0.5073	0.6669
18.9	0.9345	0.8977	0.9838	0.9072	0.4102	0.8847	0.4733	0.5572
19.0	0.9367	0.9013	0.9776	0.9187	0.4009	0.8502	0.5571	0.4962
19.1	0.9546	0.8960	0.9690	0.9184	0.1540	0.8086	0.6447	0.4481
19.2	0.9402	0.8599	0.9565	0.9043	0.2235	0.7048	0.5032	0.3624
19.3	0.9467	0.8350	0.9460	0.8903	0.2892	0.7045	0.4343	0.3068
19.4	0.9388	0.8151	0.9212	0.8733	0.1771	0.6351	0.4722	0.2285
19.5	0.9472	0.8191	0.9201	0.8797	0.1606	0.5591	0.5218	0.2097
19.6	0.9542	0.8198	0.9327	0.8790	0.1081	0.6224	0.5218	0.1771
19.7	0.9273	0.7819	0.9158	0.8296	0.0694	0.5479	0.4484	0.1103
19.8	0.9457	0.7834	0.8864	0.8232	0.0438	0.6283	0.5964	0.2341
19.9	0.9493	0.8112	0.8843	0.8255	0.0892	0.6585	0.5522	0.2290
20.0	0.9517	0.7503	0.8297	0.7502	0.1507	0.6227	0.6185	0.2516
20.1	0.9501	0.7539	0.7860	0.7399	0.0291	0.5950	0.6189	0.2433
20.2	0.9404	0.7627	0.7177	0.7124	0.0399	0.4275	0.4881	0.1367
20.3	0.9387	0.7204	0.6672	0.6722	0.0086	0.4550	0.4315	0.1978
20.4	0.9386	0.7390	0.5291	0.6833	0.0323	0.4636	0.4527	0.2124
20.5	0.9375	0.8082	0.4862	0.7299	0.0086	0.3705	0.4378	0.1298
20.6	0.9224	0.8312	0.2129	0.7683	0.0201	0.3351	0.2819	0.0600
20.7	0.9374	0.8391	0.1733	0.7185	0.0312	0.2200	0.2449	0.0118
20.8	0.9383	0.8557	0.1851	0.6516	0.1284	0.1573	0.2331	0.0077
20.9	0.8925	0.8400	0.1971	0.5538	0.0492	0.1164	0.1176	0.0256
21.0	0.8555	0.7886	0.2178	0.5230	0.0158	0.1007	0.0979	0.0058
21.1	0.8589	0.7603	0.2544	0.4188	0.0088	0.1442	0.1124	0.0053
21.2	0.8227	0.8011	0.3982	0.2505	0.0001	0.1029	0.0662	0.0135
21.3	0.8497	0.8497	0.4341	0.2637	0.0334	0.1576	0.0432	0.0094
21.4	0.8928	0.8686	0.4681	0.2328	0.0982	0.1084	0.0244	0.0025
21.5	0.8672	0.8562	0.4635	0.1138	0.0580	0.0571	0.0166	0.0186
21.6	0.8790	0.8765	0.5624	0.1262	0.0196	0.0328	0.1121	0.0480
21.7	0.8777	0.9101	0.7086	0.1244	0.0045	0.0221	0.0588	0.0204
21.8	0.8350	0.8749	0.6859	0.0923	0.0726	0.0414	0.0124	0.0015
21.9	0.7446	0.8877	0.7145	0.0759	0.1226	0.0068	0.0452	0.0246
22.0	0.7742	0.8984	0.6640	0.0254	0.1757	0.0302	0.0559	0.0097
22.1	0.6987	0.9052	0.7290	0.0314	0.1129	0.0245	0.0317	0.0207
22.2	0.7101	0.9093	0.8189	0.0610	0.0298	0.0348	0.0684	0.0152
22.3	0.7377	0.8904	0.8284	0.0642	0.0818	0.0078	0.0107	0.0329
22.4	0.5692	0.9161	0.7517	0.0304	0.0834	0.0026	0.0330	0.0124
22.5	0.5131	0.9311	0.7485	0.0362	0.0213	0.0058	0.0438	0.0069
22.6	0.5528	0.9107	0.7951	0.0266	0.0822	0.0171	0.0514	0.0233
22.7	0.6038	0.8990	0.7569	0.0156	0.0657	0.0266	0.0057	0.0543
22.8	0.7262	0.9481	0.8204	0.0021	0.0987	0.0020	0.0035	0.0096
22.9	0.6976	0.9464	0.8351	0.0157	0.1082	0.0068	0.0087	0.0262
23.0	0.5380	0.9291	0.8557	0.0246	0.0376	0.0073	0.0695	0.0559
23.1	0.6301	0.9184	0.8661	0.0370	0.0858	0.0112	0.0876	0.0267
23.2	0.7281	0.9480	0.9068	0.1137	0.0516	0.0133	0.0893	0.0996
23.3	0.7884	0.9554	0.9310	0.0161	0.1047	0.0083	0.1212	0.0514
23.4	0.7139	0.9519	0.9232	0.0138	0.1044	0.0172	0.0789	0.0308
23.5	0.7545	0.9547	0.9320	0.0301	0.0509	0.0012	0.0317	0.0205
23.6	0.7338	0.9521	0.9410	0.0449	0.0435	0.0010	0.0324	0.0099
23.7	0.7923	0.9644	0.9577	0.0245	0.0548	0.0076	0.0824	0.0287
23.8	0.7519	0.9693	0.9476	0.0022	0.1144	0.0341	0.0895	0.0799
23.9	0.6673	0.9654	0.9384	0.0223	0.0790	0.0537	0.0370	0.1053
24.0	0.3909	0.9558	0.9347	0.0072	0.0166	0.0613	0.0357	0.0743
24.1	0.2053	0.9656	0.9456	0.0374	0.0566	0.0650	0.0542	0.1781
24.2	0.0385	0.9549	0.9432	0.0935	0.0352	0.0430	0.0216	0.0645
24.3	0.1192	0.9539	0.9560	0.0640	0.1199	0.0092	0.0378	0.0696
24.4	0.2481	0.9614	0.9582	0.0817	0.1789	0.0134	0.0311	0.1209
24.5	0.2732	0.9707	0.9720	0.1253	0.2159	0.0587	0.0229	0.2037
24.6	0.2811	0.9697	0.9616	0.1503	0.0984	0.0531	0.0378	0.1438
24.7	0.4050	0.9749	0.9476	0.2406	0.1162	0.0292	0.0347	0.1147
24.8	0.6054	0.9798	0.9656	0.2898	0.1551	0.0035	0.1032	0.0274
24.9	0.6774	0.9787	0.9694	0.2933	0.2242	0.0110	0.0167	0.1223
25.0	0.7824	0.9831	0.9765	0.4256	0.3411	0.0130	0.0794	0.1199
25.1	0.7501	0.9800	0.9771	0.3966	0.2313	0.0160	0.0658	0.1472

25.2	0.7893	0.9797	0.9812	0.3817	0.2085	0.0571	0.0632	0.1077
25.3	0.8661	0.9783	0.9819	0.3224	0.2323	0.1490	0.0835	0.1402
25.4	0.8644	0.9787	0.9810	0.4537	0.1999	0.0965	0.1526	0.2468
25.5	0.8519	0.9780	0.9834	0.4870	0.1667	0.0514	0.2129	0.2797
25.6	0.8681	0.9808	0.9866	0.5585	0.1891	0.0334	0.2218	0.2757
25.7	0.8828	0.9779	0.9857	0.5815	0.3059	0.0724	0.3588	0.3699
25.8	0.9118	0.9807	0.9881	0.6414	0.2912	0.2025	0.3790	0.4071
25.9	0.9239	0.9770	0.9872	0.6754	0.3939	0.2451	0.3667	0.3642
26.0	0.9314	0.9832	0.9868	0.6893	0.5613	0.2960	0.4231	0.3810
26.1	0.9429	0.9852	0.9855	0.7576	0.3975	0.2133	0.4642	0.4540
26.2	0.9354	0.9827	0.9863	0.7363	0.4131	0.3721	0.3719	0.4595
26.3	0.9451	0.9810	0.9801	0.7475	0.3378	0.3165	0.3368	0.4295
26.4	0.9524	0.9833	0.9815	0.7696	0.3624	0.3229	0.5083	0.5437
26.5	0.9601	0.9869	0.9860	0.7496	0.4437	0.4151	0.6772	0.6665
26.6	0.9573	0.9859	0.9828	0.7381	0.4101	0.4331	0.5987	0.6157
26.7	0.9689	0.9853	0.9819	0.7701	0.4226	0.4359	0.5015	0.5895
26.8	0.9765	0.9888	0.9818	0.8339	0.4543	0.4640	0.5321	0.6097
26.9	0.9752	0.9848	0.9713	0.8066	0.3230	0.4698	0.5341	0.5934
27.0	0.9710	0.9814	0.9782	0.7956	0.3031	0.2834	0.5324	0.5686
27.1	0.9701	0.9855	0.9706	0.8082	0.4711	0.3797	0.5803	0.5582
27.2	0.9748	0.9894	0.9775	0.7947	0.4590	0.3839	0.5303	0.6312
27.3	0.9762	0.9852	0.9791	0.7752	0.4964	0.3287	0.4944	0.5290
27.4	0.9763	0.9839	0.9820	0.7619	0.6288	0.4274	0.5349	0.5511
27.5	0.9794	0.9867	0.9845	0.7703	0.7005	0.4848	0.5537	0.5019
27.6	0.9791	0.9859	0.9889	0.8161	0.6429	0.4577	0.5337	0.4432
27.7	0.9799	0.9866	0.9895	0.7901	0.6166	0.4787	0.5214	0.4585
27.8	0.9786	0.9922	0.9886	0.7269	0.5746	0.4035	0.4545	0.4767
27.9	0.9712	0.9896	0.9876	0.5931	0.4733	0.3469	0.3905	0.2646
28.0	0.9731	0.9900	0.9907	0.5887	0.4658	0.4263	0.4367	0.1051
28.1	0.9790	0.9916	0.9942	0.6128	0.3681	0.3838	0.3446	0.0394
28.2	0.9812	0.9924	0.9937	0.5517	0.2984	0.4681	0.3019	0.0979
28.3	0.9731	0.9906	0.9941	0.4018	0.2354	0.4867	0.1777	0.0378
28.4	0.9740	0.9924	0.9940	0.1625	0.1289	0.4847	0.1193	0.0514
28.5	0.9783	0.9918	0.9934	0.2492	0.0477	0.4979	0.0306	0.3245
28.6	0.9726	0.9909	0.9935	0.2857	0.0488	0.4877	0.0032	0.3609
28.7	0.9387	0.9878	0.9899	0.4395	0.0304	0.5151	0.0259	0.3281
28.8	0.9043	0.9872	0.9918	0.4961	0.0608	0.4139	0.0135	0.3793
28.9	0.9205	0.9907	0.9927	0.5836	0.2507	0.3413	0.0209	0.5106
29.0	0.8943	0.9914	0.9923	0.5792	0.2977	0.5216	0.0128	0.5366
29.1	0.9069	0.9916	0.9931	0.6833	0.3648	0.5835	0.0731	0.4707
29.2	0.9043	0.9923	0.9913	0.7504	0.3950	0.4969	0.0727	0.6216
29.3	0.8701	0.9897	0.9903	0.7648	0.4201	0.4760	0.0372	0.6847
29.4	0.8288	0.9852	0.9878	0.7456	0.4471	0.4541	0.0179	0.6240
29.5	0.8820	0.9903	0.9904	0.8315	0.6061	0.5484	0.2044	0.6357
29.6	0.8828	0.9877	0.9886	0.7788	0.5894	0.5990	0.2784	0.6184
29.7	0.8828	0.9858	0.9859	0.7980	0.6181	0.5726	0.3553	0.6392
29.8	0.8891	0.9893	0.9878	0.8451	0.6512	0.6101	0.3849	0.5385
29.9	0.7394	0.9828	0.9791	0.7292	0.3909	0.4692	0.1546	0.3899
30.0	0.7562	0.9773	0.9734	0.7865	0.5890	0.4631	0.3909	0.3391
30.1	0.8898	0.9834	0.9823	0.9087	0.7742	0.6317	0.6560	0.4296
30.2	0.8746	0.9860	0.9810	0.9324	0.8056	0.6503	0.7157	0.4146
30.3	0.8929	0.9879	0.9839	0.9253	0.7732	0.4896	0.7892	0.3886
30.4	0.8978	0.9863	0.9805	0.9370	0.8213	0.5859	0.8178	0.3030
30.5	0.8946	0.9864	0.9765	0.9532	0.8698	0.6819	0.7978	0.2958
30.6	0.8970	0.9856	0.9746	0.9487	0.8796	0.7068	0.8202	0.3564
30.7	0.9033	0.9837	0.9699	0.9621	0.8417	0.7066	0.7981	0.1899
30.8	0.9288	0.9829	0.9742	0.9691	0.8488	0.7566	0.8721	0.2267
30.9	0.9387	0.9797	0.9732	0.9607	0.8544	0.7379	0.8586	0.1299
31.0	0.9313	0.9772	0.9634	0.9525	0.8142	0.7600	0.7839	0.3264
31.1	0.9380	0.9783	0.9631	0.9551	0.8306	0.7466	0.8325	0.4112
31.2	0.9456	0.9725	0.9582	0.9484	0.7986	0.6624	0.8495	0.2561
31.3	0.9505	0.9715	0.9612	0.9469	0.7831	0.7106	0.8527	0.2989
31.4	0.9386	0.9714	0.9498	0.9565	0.7793	0.7754	0.8598	0.3426
31.5	0.9494	0.9744	0.9624	0.9629	0.8459	0.8341	0.9178	0.6628
31.6	0.9531	0.9693	0.9580	0.9568	0.8460	0.8270	0.9225	0.7108
31.7	0.9460	0.9589	0.9436	0.9493	0.8228	0.8396	0.9129	0.7425
31.8	0.9629	0.9684	0.9631	0.9610	0.8743	0.8205	0.9286	0.8042
31.9	0.9484	0.9560	0.9525	0.9436	0.8448	0.7916	0.8892	0.7981
32.0	0.9236	0.9344	0.9317	0.9094	0.8057	0.6924	0.8803	0.7734
32.1	0.9369	0.9403	0.9318	0.9149	0.7496	0.7622	0.8698	0.7831
32.2	0.9407	0.9425	0.9390	0.9130	0.7858	0.7958	0.8821	0.8273
32.3	0.9266	0.9293	0.9164	0.8984	0.7785	0.7738	0.8893	0.8529
32.4	0.9279	0.9328	0.9243	0.9182	0.7934	0.7780	0.9002	0.8552
32.5	0.9322	0.9304	0.9241	0.9217	0.8302	0.8237	0.9168	0.8931
32.6	0.9446	0.9345	0.9286	0.9189	0.7583	0.8192	0.9118	0.8842
32.7	0.9296	0.9145	0.8988	0.8962	0.6650	0.7284	0.8524	0.8423
32.8	0.9372	0.9284	0.9088	0.9169	0.6453	0.7660	0.8509	0.8427
32.9	0.9188	0.9051	0.8790	0.8869	0.6046	0.7770	0.8301	0.8479
33.0	0.9109	0.8990	0.8733	0.8930	0.7130	0.8149	0.8678	0.8808
33.1	0.9146	0.8959	0.8742	0.8862	0.6185	0.8384	0.8507	0.8514
33.2	0.8990	0.8820	0.8300	0.8663	0.5773	0.7778	0.7927	0.8131
33.3	0.9296	0.9168	0.8760	0.9038	0.5949	0.8120	0.8481	0.8648
33.4	0.8935	0.8746	0.7826	0.8435	0.4627	0.7338	0.7756	0.7856
33.5	0.9145	0.8964	0.7978	0.8730	0.5767	0.7603	0.8082	0.8153
33.6	0.9126	0.9088	0.8048	0.8906	0.5109	0.7859	0.8203	0.7776
33.7	0.9177	0.9139	0.8058	0.8911	0.5204	0.7700	0.7934	0.7873

33.8	0.8710	0.8393	0.6604	0.8038	0.4677	0.7030	0.6976	0.6753
33.9	0.8618	0.8253	0.6083	0.7684	0.4827	0.6490	0.6127	0.5943
34.0	0.8542	0.8259	0.5869	0.7542	0.5343	0.6553	0.4073	0.5815
34.1	0.8874	0.8556	0.6666	0.8052	0.5362	0.6526	0.2012	0.5470
34.2	0.8543	0.8198	0.6135	0.7786	0.4611	0.5194	0.1256	0.3563
34.3	0.8021	0.7959	0.5145	0.7375	0.5648	0.5353	0.2383	0.3931
34.4	0.8135	0.8022	0.4961	0.7455	0.5787	0.4868	0.2595	0.3604
34.5	0.8003	0.7788	0.5205	0.7389	0.4826	0.4561	0.3574	0.2363
34.6	0.8033	0.7623	0.7155	0.7221	0.4870	0.3902	0.2235	0.2346
34.7	0.8321	0.7236	0.8383	0.6574	0.4286	0.4019	0.1151	0.1405
34.8	0.7458	0.6299	0.8563	0.5553	0.4115	0.2785	0.2021	0.2566
34.9	0.8180	0.6706	0.9151	0.5695	0.4067	0.4831	0.1852	0.2906
35.0	0.7863	0.6229	0.9332	0.4951	0.3569	0.4437	0.1669	0.2988
35.1	0.7433	0.5278	0.9338	0.3841	0.3433	0.4242	0.1610	0.3128
35.2	0.7985	0.5009	0.9416	0.3232	0.4310	0.4358	0.1638	0.4438
35.3	0.8148	0.3974	0.9589	0.2000	0.3307	0.3952	0.1778	0.4847
35.4	0.8582	0.3869	0.9479	0.2012	0.2702	0.3929	0.1000	0.3475
35.5	0.8984	0.5074	0.9593	0.3448	0.2714	0.5026	0.0033	0.4154
35.6	0.8952	0.3234	0.9600	0.2053	0.1864	0.3690	0.0412	0.3336
35.7	0.9027	0.3968	0.9441	0.2807	0.1371	0.4179	0.0203	0.2743
35.8	0.9228	0.4637	0.9493	0.3983	0.0666	0.4450	0.0105	0.2410
35.9	0.9556	0.5989	0.9646	0.5497	0.1040	0.6224	0.0971	0.3381
36.0	0.9567	0.6886	0.9607	0.6241	0.1513	0.6355	0.1669	0.2482
36.1	0.9539	0.6670	0.9449	0.5781	0.0740	0.6033	0.1488	0.3427
36.2	0.9638	0.6714	0.9442	0.6095	0.0639	0.5879	0.1272	0.4759
36.3	0.9723	0.6650	0.9534	0.5968	0.0360	0.5926	0.0677	0.4394
36.4	0.9743	0.7343	0.9560	0.6696	0.0106	0.6387	0.1119	0.4487
36.5	0.9642	0.7883	0.9484	0.7400	0.0277	0.6890	0.2091	0.5353
36.6	0.9613	0.8057	0.9260	0.7663	0.0569	0.6461	0.3216	0.4371
36.7	0.9604	0.7940	0.9385	0.7085	0.0204	0.6121	0.4648	0.3562
36.8	0.9621	0.8012	0.9504	0.7061	0.0312	0.7704	0.4469	0.3551
36.9	0.9690	0.8119	0.9365	0.7420	0.0851	0.6921	0.5277	0.4944
37.0	0.9706	0.8624	0.9440	0.7710	0.0951	0.7573	0.5963	0.4522
37.1	0.9804	0.8949	0.9599	0.8068	0.1340	0.8082	0.6766	0.4218
37.2	0.9818	0.8970	0.9547	0.7943	0.0657	0.8430	0.5936	0.4581
37.3	0.9767	0.8854	0.9427	0.7669	0.3011	0.8165	0.5949	0.5283
37.4	0.9290	0.8290	0.9233	0.5558	0.1961	0.7653	0.3632	0.4234
37.5	0.9589	0.8880	0.9250	0.7133	0.2529	0.8106	0.3888	0.5340
37.6	0.9795	0.9341	0.9428	0.8713	0.2828	0.8433	0.6247	0.7292
37.7	0.9822	0.9341	0.9442	0.8674	0.3287	0.8564	0.6945	0.7763
37.8	0.9786	0.9373	0.9418	0.8767	0.2901	0.8753	0.7017	0.7814
37.9	0.9763	0.9369	0.9309	0.8648	0.2462	0.9004	0.7344	0.7206
38.0	0.9752	0.9492	0.9448	0.8902	0.1992	0.9177	0.8394	0.6181
38.1	0.9713	0.9359	0.9441	0.8765	0.3251	0.9315	0.7613	0.5227
38.2	0.9771	0.9654	0.9550	0.9171	0.3547	0.9495	0.7703	0.4416
38.3	0.9691	0.9634	0.9377	0.9232	0.3067	0.9375	0.7660	0.4038
38.4	0.9593	0.9596	0.9288	0.9290	0.3719	0.9458	0.7674	0.5094
38.5	0.9633	0.9561	0.9421	0.9321	0.2482	0.9415	0.7641	0.4690
38.6	0.9621	0.9492	0.9436	0.9223	0.2137	0.9402	0.7968	0.4059
38.7	0.9616	0.9695	0.9554	0.9510	0.2101	0.9566	0.8777	0.4756
38.8	0.9506	0.9654	0.9484	0.9473	0.1991	0.9423	0.8602	0.5257
38.9	0.9351	0.9685	0.9293	0.9503	0.1436	0.9576	0.8172	0.4837
39.0	0.9010	0.9693	0.9167	0.9586	0.2480	0.9647	0.8361	0.3663
39.1	0.8979	0.9806	0.9134	0.9720	0.3128	0.9749	0.8787	0.3662
39.2	0.8645	0.9797	0.9187	0.9651	0.4901	0.9651	0.8584	0.2843
39.3	0.8673	0.9790	0.9075	0.9580	0.5561	0.9653	0.8545	0.2414
39.4	0.8523	0.9820	0.8923	0.9604	0.3882	0.9634	0.8910	0.3821
39.5	0.8817	0.9809	0.8688	0.9633	0.4624	0.9670	0.9322	0.4157
39.6	0.8769	0.9830	0.8740	0.9703	0.6247	0.9766	0.9363	0.5596
39.7	0.8724	0.9877	0.8457	0.9760	0.5571	0.9716	0.9405	0.4594
39.8	0.8800	0.9889	0.8484	0.9749	0.6371	0.9729	0.9538	0.4519
39.9	0.8727	0.9891	0.8428	0.9746	0.6391	0.9763	0.9659	0.5547
40.0	0.8806	0.9888	0.8355	0.9730	0.6230	0.9780	0.9685	0.5361
40.1	0.8937	0.9851	0.7813	0.9678	0.6196	0.9768	0.9697	0.5438
40.2	0.8913	0.9844	0.6807	0.9653	0.5827	0.9772	0.9669	0.6213
40.3	0.9047	0.9888	0.5967	0.9749	0.6804	0.9732	0.9709	0.6626
40.4	0.8719	0.9876	0.4334	0.9757	0.6860	0.9689	0.9663	0.5375
40.5	0.8624	0.9857	0.3557	0.9644	0.6317	0.9680	0.9627	0.4845
40.6	0.8575	0.9869	0.3269	0.9669	0.6700	0.9695	0.9713	0.5737
40.7	0.8670	0.9881	0.5337	0.9658	0.6892	0.9637	0.9731	0.6351
40.8	0.9014	0.9888	0.5840	0.9712	0.7305	0.9685	0.9791	0.6160
40.9	0.9130	0.9914	0.7310	0.9766	0.7037	0.9654	0.9789	0.7054
41.0	0.8813	0.9883	0.7613	0.9730	0.7465	0.9655	0.9786	0.6522
41.1	0.8783	0.9866	0.6994	0.9682	0.7999	0.9565	0.9763	0.5340
41.2	0.8697	0.9883	0.6943	0.9660	0.7846	0.9541	0.9711	0.4311
41.3	0.8972	0.9860	0.7710	0.9617	0.8156	0.9668	0.9734	0.5703
41.4	0.9086	0.9835	0.8349	0.9606	0.8266	0.9605	0.9713	0.6034
41.5	0.9044	0.9850	0.8697	0.9603	0.8395	0.9504	0.9747	0.5032
41.6	0.8777	0.9854	0.8744	0.9394	0.8265	0.9501	0.9704	0.6014
41.7	0.9177	0.9881	0.9035	0.9422	0.8589	0.9597	0.9749	0.6037
41.8	0.9235	0.9863	0.9334	0.9512	0.8787	0.9501	0.9691	0.5212
41.9	0.9483	0.9925	0.9482	0.9632	0.9091	0.9534	0.9765	0.7336
42.0	0.9469	0.9919	0.9433	0.9657	0.8834	0.9478	0.9735	0.7348
42.1	0.9460	0.9902	0.9447	0.9672	0.9150	0.9417	0.9754	0.7025
42.2	0.9446	0.9917	0.9536	0.9604	0.8958	0.9440	0.9763	0.7555
42.3	0.9471	0.9911	0.9610	0.9634	0.8924	0.9312	0.9726	0.7529

42.4	0.9440	0.9876	0.9538	0.9506	0.8691	0.9159	0.9686	0.6992
42.5	0.9449	0.9901	0.9579	0.9665	0.8799	0.9094	0.9639	0.7241
42.6	0.9503	0.9914	0.9616	0.9731	0.8974	0.9044	0.9673	0.8273
42.7	0.9539	0.9919	0.9615	0.9655	0.8988	0.8983	0.9744	0.8161
42.8	0.9467	0.9892	0.9687	0.9384	0.8962	0.8717	0.9618	0.7685
42.9	0.9614	0.9817	0.9416	0.9198	0.8637	0.8140	0.9454	0.7286
43.0	0.9668	0.9917	0.9609	0.9630	0.8783	0.8631	0.9637	0.7558
43.1	0.9762	0.9934	0.9671	0.9713	0.8964	0.8933	0.9610	0.8019
43.2	0.9639	0.9938	0.9677	0.9731	0.8882	0.8667	0.9546	0.8335
43.3	0.9641	0.9941	0.9654	0.9687	0.9007	0.8266	0.9573	0.8402
43.4	0.9619	0.9936	0.9671	0.9700	0.8985	0.7845	0.9596	0.8014
43.5	0.9053	0.9914	0.9226	0.9602	0.9046	0.6162	0.9497	0.7366
43.6	0.9275	0.9938	0.9577	0.9713	0.9290	0.6504	0.9633	0.8240
43.7	0.9457	0.9923	0.9626	0.9620	0.9211	0.4955	0.9649	0.7414
43.8	0.9580	0.9917	0.9611	0.9492	0.9028	0.2427	0.9655	0.6647
43.9	0.9572	0.9912	0.9566	0.9551	0.9003	0.1809	0.9476	0.7078
44.0	0.9589	0.9929	0.9753	0.9452	0.9150	0.0614	0.9402	0.6580
44.1	0.9547	0.9933	0.9730	0.9225	0.9067	0.0448	0.9478	0.5952
44.2	0.9552	0.9924	0.9753	0.9620	0.9124	0.0758	0.9570	0.5297
44.3	0.9700	0.9909	0.9676	0.9597	0.9078	0.0239	0.9457	0.4771
44.4	0.9685	0.9918	0.9649	0.9653	0.9309	0.2140	0.9256	0.4507
44.5	0.9409	0.9927	0.9606	0.9706	0.9308	0.4739	0.9032	0.3930
44.6	0.9396	0.9916	0.9691	0.9734	0.9197	0.5306	0.9225	0.2979
44.7	0.9593	0.9929	0.9693	0.9783	0.9356	0.5342	0.9261	0.2864
44.8	0.9509	0.9913	0.9754	0.9717	0.9065	0.4114	0.8700	0.3458
44.9	0.9068	0.9906	0.9707	0.9574	0.9101	0.3978	0.8246	0.4090
45.0	0.9504	0.9889	0.9747	0.9426	0.9269	0.4868	0.7436	0.3285
45.1	0.9652	0.9909	0.9626	0.9662	0.9296	0.5995	0.6569	0.3156
45.2	0.9426	0.9934	0.9621	0.9783	0.9310	0.6429	0.6369	0.2680
45.3	0.9523	0.9925	0.9745	0.9698	0.9541	0.7410	0.6244	0.2715
45.4	0.9411	0.9912	0.9601	0.9602	0.9344	0.7357	0.6157	0.2556
45.5	0.9200	0.9915	0.9471	0.9492	0.9395	0.7775	0.4694	0.2849
45.6	0.9614	0.9907	0.9625	0.9599	0.9415	0.8786	0.5161	0.3308
45.7	0.9530	0.9916	0.9670	0.9591	0.9320	0.8210	0.5966	0.3415
45.8	0.9671	0.9914	0.9864	0.9518	0.9361	0.8159	0.6168	0.3362
45.9	0.9856	0.9876	0.9833	0.9539	0.9547	0.8374	0.7246	0.4408
46.0	0.9869	0.9924	0.9870	0.9689	0.9585	0.8838	0.8549	0.5706
46.1	0.9789	0.9888	0.9812	0.9581	0.9255	0.8431	0.8606	0.5759
46.2	0.9633	0.9904	0.9550	0.9541	0.9080	0.8266	0.9133	0.5802
46.3	0.9487	0.9907	0.9428	0.9471	0.9311	0.8061	0.9353	0.6100
46.4	0.9625	0.9888	0.9683	0.9538	0.9379	0.6508	0.9358	0.5573
46.5	0.9774	0.9897	0.9750	0.9349	0.9141	0.1196	0.9419	0.5912
46.6	0.9804	0.9896	0.9755	0.9416	0.9370	0.6314	0.9629	0.6509
46.7	0.9754	0.9893	0.9686	0.9245	0.9385	0.8692	0.9675	0.6499
46.8	0.9539	0.9871	0.9519	0.8865	0.9414	0.8685	0.9667	0.4779
46.9	0.9489	0.9848	0.9668	0.9367	0.9562	0.8859	0.9700	0.4896
47.0	0.9547	0.9906	0.9661	0.9543	0.9698	0.8985	0.9786	0.5725
47.1	0.9338	0.9887	0.9477	0.9540	0.9657	0.8267	0.9718	0.5149
47.2	0.8939	0.9884	0.9608	0.9522	0.9536	0.8503	0.9610	0.4179
47.3	0.9269	0.9893	0.9775	0.9570	0.9611	0.9239	0.9658	0.5671
47.4	0.8423	0.9846	0.9743	0.9513	0.9543	0.9353	0.9617	0.5119
47.5	0.8964	0.9850	0.9866	0.9617	0.9644	0.9517	0.9649	0.3056
47.6	0.8757	0.9863	0.9778	0.9519	0.9610	0.9471	0.9675	0.0851
47.7	0.9437	0.9893	0.9786	0.9639	0.9727	0.9460	0.9678	0.0811
47.8	0.9466	0.9843	0.9770	0.9523	0.9671	0.9373	0.9667	0.1125
47.9	0.9168	0.9838	0.9537	0.9523	0.9739	0.9334	0.9673	0.2815
48.0	0.9155	0.9809	0.9443	0.9442	0.9570	0.9362	0.9695	0.4268
48.1	0.9415	0.9811	0.9532	0.9344	0.9624	0.9203	0.9662	0.4992
48.2	0.9615	0.9839	0.9840	0.9488	0.9753	0.9427	0.9782	0.5038
48.3	0.9265	0.9872	0.9727	0.9535	0.9517	0.9504	0.9734	0.6150
48.4	0.8837	0.9836	0.9598	0.9193	0.9470	0.9335	0.9661	0.4720
48.5	0.9473	0.9806	0.9710	0.9289	0.9471	0.9390	0.9538	0.4821
48.6	0.9722	0.9827	0.9761	0.9487	0.9511	0.9429	0.9635	0.5977
48.7	0.9642	0.9790	0.9741	0.9474	0.9551	0.9206	0.9468	0.5610
48.8	0.9570	0.9782	0.9625	0.9304	0.9293	0.9111	0.9397	0.4947
48.9	0.9353	0.9798	0.9505	0.9385	0.9304	0.9134	0.9427	0.5936
49.0	0.9637	0.9787	0.9628	0.9341	0.9312	0.8935	0.9298	0.6879
49.1	0.9716	0.9808	0.9765	0.9337	0.9336	0.8897	0.9292	0.7916
49.2	0.9517	0.9762	0.9714	0.9313	0.9182	0.8964	0.9054	0.7426
49.3	0.9542	0.9764	0.9702	0.9346	0.8947	0.8970	0.8865	0.6960
49.4	0.9537	0.9715	0.9715	0.9415	0.8197	0.8621	0.9086	0.6111
49.5	0.9686	0.9779	0.9801	0.9488	0.8552	0.8825	0.9207	0.6308
49.6	0.9623	0.9785	0.9752	0.9271	0.8479	0.8839	0.9295	0.7374
49.7	0.9248	0.9714	0.9527	0.9025	0.8033	0.9048	0.9170	0.7360
49.8	0.9404	0.9717	0.9564	0.9296	0.8534	0.8877	0.9094	0.7478
49.9	0.9169	0.9753	0.9404	0.9381	0.8208	0.8794	0.9096	0.7116
50.0	0.9694	0.9768	0.9760	0.9548	0.8321	0.9084	0.9152	0.7328
50.1	0.9693	0.9783	0.9859	0.9505	0.8251	0.9013	0.8761	0.6660
50.2	0.9653	0.9820	0.9864	0.9561	0.8251	0.9133	0.8551	0.6750
50.3	0.9398	0.9784	0.9793	0.9491	0.8486	0.9003	0.8680	0.6026
50.4	0.8956	0.9809	0.9447	0.9317	0.7855	0.8409	0.8408	0.6015
50.5	0.8831	0.9820	0.9574	0.9359	0.8048	0.8361	0.8474	0.7141
50.6	0.9274	0.9829	0.9710	0.9634	0.8992	0.8598	0.8793	0.6918
50.7	0.9155	0.9850	0.9670	0.9699	0.8861	0.8677	0.8997	0.7323
50.8	0.8812	0.9838	0.9575	0.9634	0.8888	0.8380	0.9130	0.7720
50.9	0.7722	0.9793	0.9240	0.9506	0.8867	0.8041	0.9285	0.7604

51.0	0.7140	0.9756	0.9087	0.9510	0.8898	0.8582	0.9471	0.7511
51.1	0.6281	0.9782	0.9128	0.9647	0.8843	0.8667	0.9537	0.8096
51.2	0.8240	0.9833	0.9566	0.9652	0.8933	0.8631	0.9495	0.8127
51.3	0.8808	0.9871	0.9716	0.9652	0.9229	0.8489	0.9640	0.8266
51.4	0.8206	0.9825	0.9381	0.9616	0.9235	0.7631	0.9633	0.7298
51.5	0.6950	0.9832	0.9009	0.9580	0.9440	0.7913	0.9741	0.8561
51.6	0.7973	0.9785	0.9072	0.9407	0.9462	0.7760	0.9676	0.8688
51.7	0.9104	0.9851	0.9584	0.9568	0.9248	0.7405	0.9775	0.8412
51.8	0.9323	0.9868	0.9657	0.9594	0.9224	0.7103	0.9831	0.8546
51.9	0.9236	0.9821	0.9655	0.9519	0.9156	0.5446	0.9796	0.7955
52.0	0.8991	0.9794	0.9747	0.9588	0.9248	0.6179	0.9825	0.8295
52.1	0.8995	0.9791	0.9723	0.9489	0.9182	0.7067	0.9777	0.8552
52.2	0.9424	0.9811	0.9671	0.9394	0.9392	0.7594	0.9738	0.8811
52.3	0.9379	0.9782	0.9695	0.9413	0.9330	0.7003	0.9758	0.8816
52.4	0.9527	0.9810	0.9777	0.9531	0.9368	0.5011	0.9719	0.8604
52.5	0.9374	0.9822	0.9650	0.9597	0.9423	0.3268	0.9710	0.8733
52.6	0.9439	0.9823	0.9669	0.9607	0.9597	0.4549	0.9753	0.9033
52.7	0.9634	0.9820	0.9775	0.9656	0.9550	0.6184	0.9734	0.9156
52.8	0.9762	0.9888	0.9803	0.9761	0.9613	0.8047	0.9825	0.9524
52.9	0.9796	0.9864	0.9805	0.9674	0.9256	0.8215	0.9688	0.9478
53.0	0.9785	0.9868	0.9883	0.9745	0.9218	0.7513	0.9760	0.9364
53.1	0.9679	0.9829	0.9834	0.9682	0.9161	0.7614	0.9843	0.9161
53.2	0.9750	0.9835	0.9858	0.9678	0.9118	0.7296	0.9795	0.9238
53.3	0.9703	0.9879	0.9835	0.9742	0.9275	0.7502	0.9757	0.9209
53.4	0.9660	0.9871	0.9827	0.9723	0.9000	0.7352	0.9734	0.9102
53.5	0.9670	0.9849	0.9867	0.9698	0.7932	0.8036	0.9627	0.8949
53.6	0.9709	0.9862	0.9864	0.9708	0.8661	0.8356	0.9604	0.9049
53.7	0.9796	0.9897	0.9880	0.9752	0.9068	0.9145	0.9785	0.9496
53.8	0.9683	0.9870	0.9776	0.9700	0.8628	0.9268	0.9750	0.9293
53.9	0.9741	0.9879	0.9778	0.9709	0.8261	0.9463	0.9746	0.9307
54.0	0.9848	0.9888	0.9886	0.9730	0.8789	0.9756	0.9716	0.9391
54.1	0.9787	0.9850	0.9863	0.9531	0.8521	0.9534	0.9663	0.9098
54.2	0.9623	0.9841	0.9709	0.9324	0.8783	0.9211	0.9650	0.8999
54.3	0.9721	0.9858	0.9740	0.9630	0.9355	0.9449	0.9718	0.9297
54.4	0.9789	0.9823	0.9825	0.9615	0.9312	0.9714	0.9611	0.9521
54.5	0.9890	0.9906	0.9914	0.9736	0.9389	0.9772	0.9682	0.9607
54.6	0.9872	0.9872	0.9894	0.9673	0.9596	0.9778	0.9647	0.9533
54.7	0.9807	0.9845	0.9856	0.9560	0.9460	0.9582	0.9558	0.9429
54.8	0.9730	0.9801	0.9792	0.9517	0.9319	0.9424	0.9574	0.9345
54.9	0.9836	0.9885	0.9864	0.9701	0.9642	0.9723	0.9750	0.9625
55.0	0.9874	0.9909	0.9892	0.9702	0.9692	0.9731	0.9752	0.9633
55.1	0.9884	0.9902	0.9900	0.9607	0.9513	0.9720	0.9681	0.9409
55.2	0.9863	0.9899	0.9899	0.9543	0.9408	0.9694	0.9588	0.9196
55.3	0.9814	0.9880	0.9898	0.9627	0.9476	0.9587	0.9619	0.9063
55.4	0.9800	0.9914	0.9831	0.9694	0.9363	0.9426	0.9483	0.8918
55.5	0.9710	0.9888	0.9753	0.9611	0.9448	0.9340	0.9295	0.8615
55.6	0.9833	0.9904	0.9861	0.9603	0.9560	0.9548	0.9515	0.9209
55.7	0.9889	0.9912	0.9915	0.9605	0.9582	0.9638	0.9652	0.9436
55.8	0.9852	0.9885	0.9926	0.9639	0.9395	0.9530	0.9593	0.9195
55.9	0.9905	0.9900	0.9931	0.9616	0.9367	0.9511	0.9527	0.8656
56.0	0.9813	0.9873	0.9876	0.9382	0.9207	0.8814	0.9097	0.7968
56.1	0.9821	0.9879	0.9889	0.9376	0.9396	0.9306	0.9374	0.8952
56.2	0.9826	0.9885	0.9876	0.9380	0.9301	0.9510	0.9506	0.9028
56.3	0.9848	0.9888	0.9930	0.9407	0.9215	0.9502	0.9564	0.9060
56.4	0.9792	0.9861	0.9913	0.9517	0.9267	0.9449	0.9585	0.8991
56.5	0.9751	0.9877	0.9913	0.9434	0.9386	0.9499	0.9645	0.8999
56.6	0.9822	0.9906	0.9909	0.9468	0.9494	0.9583	0.9548	0.9041
56.7	0.9820	0.9885	0.9910	0.9274	0.9397	0.9513	0.9558	0.9237
56.8	0.9804	0.9870	0.9886	0.9233	0.9151	0.9406	0.9481	0.9390
56.9	0.9857	0.9876	0.9902	0.9427	0.9286	0.9305	0.9553	0.9233
57.0	0.9801	0.9871	0.9888	0.9373	0.9405	0.9220	0.9278	0.9046
57.1	0.9778	0.9845	0.9886	0.9283	0.9364	0.9049	0.9210	0.9105
57.2	0.9762	0.9871	0.9885	0.9219	0.9357	0.8913	0.9249	0.9006
57.3	0.9773	0.9859	0.9888	0.9024	0.9317	0.9382	0.9339	0.9348
57.4	0.9785	0.9824	0.9892	0.8916	0.9150	0.9172	0.9310	0.9102
57.5	0.9801	0.9847	0.9882	0.9165	0.9269	0.9197	0.9318	0.9055
57.6	0.9831	0.9877	0.9870	0.9068	0.9393	0.9216	0.9172	0.8903
57.7	0.9823	0.9875	0.9873	0.8877	0.9526	0.9359	0.9440	0.9202
57.8	0.9788	0.9870	0.9900	0.8353	0.9502	0.9304	0.9500	0.9363
57.9	0.9678	0.9840	0.9852	0.7842	0.8886	0.8714	0.9193	0.9109
58.0	0.9794	0.9838	0.9865	0.8125	0.8879	0.8642	0.9087	0.9108
58.1	0.9812	0.9870	0.9847	0.8888	0.8983	0.8631	0.9118	0.9125
58.2	0.9757	0.9859	0.9768	0.8716	0.9058	0.8782	0.9083	0.9170
58.3	0.9707	0.9875	0.9806	0.8760	0.9234	0.8600	0.9112	0.9308
58.4	0.9774	0.9880	0.9846	0.8731	0.9274	0.8752	0.8695	0.9273
58.5	0.9699	0.9807	0.9808	0.8425	0.9309	0.8779	0.8447	0.9090
58.6	0.9686	0.9814	0.9766	0.8659	0.9225	0.8703	0.8156	0.8963
58.7	0.9718	0.9803	0.9743	0.8801	0.9178	0.8513	0.8128	0.9205
58.8	0.9736	0.9793	0.9743	0.8615	0.9254	0.7854	0.6475	0.8961
58.9	0.9800	0.9814	0.9792	0.8754	0.9061	0.7817	0.5472	0.9098
59.0	0.9728	0.9783	0.9756	0.8758	0.6662	0.5662	0.1669	0.8018
59.1	0.9784	0.9836	0.9768	0.9028	0.6745	0.5440	0.0880	0.7548
59.2	0.9791	0.9868	0.9787	0.9442	0.9330	0.6898	0.0386	0.8620
59.3	0.9767	0.9843	0.9777	0.9329	0.9341	0.6107	0.0265	0.8330
59.4	0.9693	0.9850	0.9771	0.9300	0.9361	0.5285	0.2210	0.8127
59.5	0.9610	0.9830	0.9740	0.9345	0.9185	0.3885	0.4025	0.7435

59.6	0.9590	0.9767	0.9729	0.9202	0.9236	0.2611	0.4153	0.7135
59.7	0.9656	0.9828	0.9755	0.9395	0.9465	0.2341	0.6014	0.7887
59.8	0.9690	0.9752	0.9573	0.9245	0.9128	0.1887	0.6206	0.7004
59.9	0.9677	0.0280	0.0240	0.5895	0.9312	0.2153	0.7177	0.7097
60.0	0.9713	0.0077	0.0023	0.3406	0.9529	0.3183	0.8244	0.6868
60.1	0.9753	0.0289	0.0205	0.6438	0.9527	0.5007	0.8673	0.7063
60.2	0.9766	0.9740	0.9701	0.9564	0.9588	0.6203	0.8865	0.7505
60.3	0.9727	0.9854	0.9752	0.9404	0.9561	0.7308	0.8748	0.8060
60.4	0.9762	0.9886	0.9790	0.9534	0.9556	0.7855	0.9217	0.8860
60.5	0.9724	0.9864	0.9740	0.9514	0.9524	0.7821	0.9245	0.8530
60.6	0.9677	0.9827	0.9753	0.9576	0.9599	0.7340	0.9391	0.8741
60.7	0.9747	0.9860	0.9750	0.9583	0.9705	0.6602	0.9211	0.8753
60.8	0.9705	0.9855	0.9795	0.9573	0.9565	0.4332	0.9074	0.8422
60.9	0.9680	0.9885	0.9838	0.9621	0.9554	0.2782	0.9234	0.8663
61.0	0.9649	0.9851	0.9796	0.9586	0.9533	0.2070	0.9358	0.8807
61.1	0.9599	0.9836	0.9731	0.9506	0.9429	0.2289	0.9107	0.8710
61.2	0.9531	0.9823	0.9769	0.9444	0.9497	0.5093	0.8983	0.8245
61.3	0.9571	0.9825	0.9794	0.9541	0.9540	0.6437	0.9093	0.8187
61.4	0.9454	0.9737	0.9629	0.9412	0.9492	0.6312	0.8876	0.7842
61.5	0.9368	0.9755	0.9645	0.9422	0.9515	0.7685	0.8829	0.5829
61.6	0.9523	0.9813	0.9754	0.9602	0.9701	0.8008	0.9170	0.6040
61.7	0.9341	0.9783	0.9716	0.9520	0.9578	0.7956	0.9027	0.5134
61.8	0.9362	0.9805	0.9657	0.9521	0.9582	0.8754	0.9170	0.3446
61.9	0.9507	0.9805	0.9747	0.9651	0.9590	0.9071	0.9417	0.3962
62.0	0.9425	0.9792	0.9714	0.9396	0.9610	0.8985	0.9106	0.3508
62.1	0.9231	0.9780	0.9612	0.9350	0.9576	0.8898	0.9056	0.3596
62.2	0.9282	0.9828	0.9770	0.9369	0.9691	0.9181	0.9372	0.3961
62.3	0.9187	0.9790	0.9810	0.9296	0.9656	0.9144	0.9315	0.3490
62.4	0.9188	0.9786	0.9713	0.9472	0.9614	0.9019	0.9283	0.4045
62.5	0.9180	0.9812	0.9767	0.9616	0.9689	0.9263	0.9388	0.5299
62.6	0.9034	0.9807	0.9814	0.9680	0.9673	0.9246	0.9527	0.5738
62.7	0.9027	0.9782	0.9785	0.9692	0.9612	0.9284	0.9465	0.6053
62.8	0.8984	0.9830	0.9659	0.9664	0.9644	0.9320	0.9466	0.6462
62.9	0.8953	0.9838	0.9699	0.9690	0.9739	0.9314	0.9518	0.6415
63.0	0.8597	0.9803	0.9790	0.9593	0.9665	0.9460	0.9365	0.6341
63.1	0.8584	0.9811	0.9796	0.9611	0.9712	0.9480	0.9569	0.7738
63.2	0.8208	0.9783	0.9765	0.9565	0.9647	0.9431	0.9390	0.7600
63.3	0.8186	0.9805	0.9705	0.9493	0.9631	0.9282	0.9300	0.8108
63.4	0.8276	0.9824	0.9763	0.9624	0.9733	0.9264	0.9378	0.7961
63.5	0.8271	0.9861	0.9799	0.9709	0.9769	0.9316	0.9473	0.8097
63.6	0.7229	0.9832	0.9779	0.9617	0.9690	0.9431	0.9264	0.8225
63.7	0.5994	0.9815	0.9826	0.9597	0.9742	0.9526	0.9115	0.8161
63.8	0.5670	0.9823	0.9807	0.9622	0.9769	0.9310	0.9078	0.8444
63.9	0.4687	0.9759	0.9787	0.9489	0.9693	0.9262	0.8988	0.8281
64.0	0.4015	0.9770	0.9796	0.9500	0.9645	0.9263	0.8774	0.8089
64.1	0.2709	0.9788	0.9812	0.9525	0.9685	0.9086	0.8657	0.7959
64.2	0.2053	0.9786	0.9762	0.9527	0.9700	0.8985	0.8157	0.7445
64.3	0.2720	0.9801	0.9738	0.9587	0.9676	0.9146	0.8416	0.8246
64.4	0.1827	0.9805	0.9770	0.9490	0.9604	0.8970	0.8213	0.7641
64.5	0.0550	0.9794	0.9767	0.9415	0.9576	0.8740	0.8134	0.7321
64.6	0.0589	0.9791	0.9762	0.9372	0.9570	0.9053	0.8379	0.7547
64.7	0.0948	0.9805	0.9817	0.9490	0.9578	0.9208	0.8769	0.7418
64.8	0.1200	0.9801	0.9802	0.9489	0.9433	0.9198	0.8603	0.6790
64.9	0.2107	0.9804	0.9827	0.9393	0.9252	0.9309	0.8781	0.7048
65.0	0.3116	0.9856	0.9889	0.9404	0.9477	0.9371	0.8983	0.7076
65.1	0.2670	0.9775	0.9754	0.8982	0.9324	0.9172	0.8757	0.6043
65.2	0.2049	0.9724	0.9616	0.8732	0.9082	0.9019	0.8820	0.7213
65.3	0.2741	0.9811	0.9677	0.9159	0.9375	0.8955	0.9172	0.8114
65.4	0.4327	0.9793	0.9785	0.9181	0.9538	0.8961	0.9345	0.8149
65.5	0.3394	0.9789	0.9715	0.8838	0.9414	0.8803	0.9122	0.8126
65.6	0.3976	0.9793	0.9735	0.8683	0.9343	0.8540	0.9244	0.8040
65.7	0.3852	0.9778	0.9774	0.8326	0.9276	0.7410	0.9218	0.7039
65.8	0.4482	0.9775	0.9761	0.8193	0.9405	0.7160	0.9475	0.7802
65.9	0.4011	0.9704	0.9630	0.7536	0.9206	0.6192	0.9321	0.7427
66.0	0.3130	0.9712	0.9512	0.6951	0.9153	0.6321	0.9152	0.7684
66.1	0.3818	0.9804	0.9610	0.6610	0.9306	0.7383	0.9316	0.8322
66.2	0.3312	0.9654	0.9612	0.5353	0.9285	0.7630	0.9367	0.8388
66.3	0.3196	0.9705	0.9701	0.6553	0.9470	0.8430	0.9418	0.8664
66.4	0.3977	0.9704	0.9685	0.7268	0.9445	0.8392	0.9459	0.8767
66.5	0.4959	0.9730	0.9613	0.6707	0.9477	0.8370	0.9312	0.8762
66.6	0.4987	0.9728	0.9613	0.5846	0.9558	0.8835	0.9351	0.9062
66.7	0.4561	0.9757	0.9652	0.7465	0.9508	0.8876	0.9457	0.9162
66.8	0.3912	0.9700	0.9586	0.6962	0.9371	0.8379	0.9456	0.8883
66.9	0.3508	0.9706	0.9554	0.6249	0.9210	0.8319	0.9272	0.9038
67.0	0.4127	0.9656	0.9524	0.5066	0.9194	0.8663	0.9158	0.9071
67.1	0.4568	0.9665	0.9583	0.5527	0.9399	0.8625	0.9275	0.8914
67.2	0.5309	0.9728	0.9669	0.6945	0.9504	0.8747	0.9383	0.9256
67.3	0.4878	0.9688	0.9635	0.6183	0.9457	0.8585	0.8933	0.9202
67.4	0.4704	0.9816	0.9630	0.6713	0.9477	0.8429	0.9156	0.9304
67.5	0.4284	0.9806	0.9518	0.6710	0.9315	0.8049	0.8890	0.9206
67.6	0.4551	0.9727	0.9517	0.6884	0.9234	0.8129	0.8642	0.9146
67.7	0.4866	0.9799	0.9676	0.6716	0.9353	0.8401	0.8232	0.9252
67.8	0.5050	0.9851	0.9665	0.7254	0.9421	0.8420	0.8075	0.9414
67.9	0.5088	0.9783	0.9686	0.6523	0.9353	0.7498	0.6872	0.9157
68.0	0.3925	0.9718	0.9635	0.7171	0.9221	0.6122	0.5183	0.9074
68.1	0.4915	0.9711	0.9602	0.7424	0.9158	0.6464	0.5212	0.9061

68.2	0.5359	0.9760	0.9638	0.7383	0.9072	0.7206	0.5363	0.8856
68.3	0.4392	0.9743	0.9586	0.6492	0.8663	0.6749	0.5147	0.8734
68.4	0.5808	0.9762	0.9695	0.7477	0.8705	0.6762	0.5978	0.8957
68.5	0.5307	0.9792	0.9589	0.7328	0.8501	0.7067	0.5433	0.8982
68.6	0.3704	0.9655	0.9409	0.6253	0.7661	0.6966	0.4904	0.8522
68.7	0.4821	0.9687	0.9518	0.5623	0.7724	0.7644	0.5577	0.8771
68.8	0.4960	0.9686	0.9463	0.6185	0.7247	0.7723	0.5891	0.8611
68.9	0.6443	0.9690	0.9535	0.6082	0.8022	0.6337	0.6436	0.7884
69.0	0.7574	0.9756	0.9720	0.6763	0.8585	0.7508	0.7699	0.8316
69.1	0.7614	0.9733	0.9643	0.6360	0.8659	0.7584	0.7880	0.8136
69.2	0.7714	0.9718	0.9595	0.5883	0.8719	0.7453	0.8396	0.7629
69.3	0.7788	0.9733	0.9522	0.5927	0.8576	0.7706	0.7608	0.7857
69.4	0.7443	0.9725	0.9397	0.6438	0.8489	0.7476	0.6663	0.6775
69.5	0.7768	0.9698	0.9290	0.6835	0.8379	0.7287	0.7517	0.5150
69.6	0.8201	0.9700	0.9448	0.7255	0.8500	0.7945	0.8127	0.4811
69.7	0.8385	0.9676	0.9512	0.7745	0.8893	0.8210	0.8268	0.4893
69.8	0.8684	0.9715	0.9499	0.8038	0.8958	0.8461	0.8137	0.5344
69.9	0.8639	0.9593	0.9584	0.8263	0.9181	0.8347	0.7746	0.6029
70.0	0.8792	0.9159	0.9273	0.8427	0.9161	0.8302	0.7593	0.7014
70.1	0.8854	0.9394	0.9042	0.8497	0.9014	0.7969	0.7702	0.7962
70.2	0.8791	0.9618	0.9421	0.8403	0.9135	0.7662	0.7537	0.8316
70.3	0.8906	0.9603	0.9544	0.8667	0.9226	0.7789	0.6867	0.8785
70.4	0.9062	0.9501	0.9212	0.8794	0.9122	0.7623	0.5498	0.8928
70.5	0.8816	0.9421	0.8901	0.8723	0.9104	0.7791	0.4733	0.8801
70.6	0.8891	0.9476	0.8870	0.8971	0.9198	0.7738	0.4832	0.9056
70.7	0.8969	0.9440	0.8714	0.8847	0.9100	0.7310	0.4165	0.8794
70.8	0.9016	0.9387	0.8963	0.8877	0.9210	0.7144	0.5728	0.8906
70.9	0.8831	0.9390	0.9171	0.8855	0.9147	0.7316	0.6754	0.8946
71.0	0.8968	0.9349	0.9020	0.8954	0.9175	0.7345	0.7572	0.8979
71.1	0.9165	0.9576	0.9363	0.9270	0.9361	0.8124	0.8536	0.9287
71.2	0.9305	0.9680	0.9460	0.9443	0.9422	0.8457	0.8821	0.9352
71.3	0.9012	0.9621	0.9451	0.9285	0.9181	0.8141	0.8901	0.9220
71.4	0.8877	0.9447	0.9424	0.9091	0.8977	0.7954	0.9175	0.9223
71.5	0.9165	0.9601	0.9418	0.9295	0.9244	0.8088	0.9257	0.9209
71.6	0.9317	0.9678	0.9520	0.9448	0.9348	0.8751	0.9275	0.9412
71.7	0.9027	0.9598	0.9499	0.9168	0.9030	0.8405	0.9264	0.9299
71.8	0.9023	0.9572	0.9454	0.9172	0.8743	0.8322	0.9208	0.9007
71.9	0.8991	0.9556	0.9313	0.9184	0.8511	0.7627	0.8798	0.8697
72.0	0.8989	0.9582	0.9362	0.9180	0.8361	0.8079	0.9011	0.8807
72.1	0.9076	0.9584	0.9455	0.9347	0.8149	0.8426	0.9142	0.8885
72.2	0.9103	0.9642	0.9401	0.9330	0.8360	0.8342	0.9225	0.8749
72.3	0.9271	0.9748	0.9534	0.9477	0.8360	0.8425	0.9319	0.9074
72.4	0.9290	0.9746	0.9538	0.9449	0.7675	0.8547	0.9325	0.9092
72.5	0.9324	0.9765	0.9575	0.9493	0.7453	0.8837	0.9468	0.8849
72.6	0.9157	0.9648	0.9636	0.9328	0.6490	0.8527	0.9283	0.8717
72.7	0.8887	0.9536	0.9402	0.9209	0.6226	0.7710	0.8972	0.8312
72.8	0.9080	0.9617	0.9495	0.9293	0.6536	0.8267	0.9156	0.8383
72.9	0.9125	0.9583	0.9541	0.9182	0.7185	0.8731	0.9241	0.8449
73.0	0.9045	0.9599	0.9518	0.9206	0.6680	0.8599	0.9091	0.8217
73.1	0.8484	0.9383	0.9354	0.8949	0.6935	0.8160	0.8789	0.7975
73.2	0.7879	0.9246	0.9232	0.8724	0.6655	0.7882	0.8926	0.7711
73.3	0.8453	0.9461	0.9447	0.8828	0.6738	0.8363	0.9212	0.8143
73.4	0.8005	0.9098	0.9320	0.8478	0.5998	0.7709	0.8998	0.7794
73.5	0.7977	0.8995	0.9419	0.8522	0.6775	0.8361	0.9245	0.8016
73.6	0.8170	0.9354	0.9543	0.8908	0.7143	0.8596	0.9373	0.8588
73.7	0.6610	0.9029	0.9301	0.8440	0.6745	0.7400	0.9082	0.8358
73.8	0.5518	0.8883	0.9188	0.7854	0.6750	0.7607	0.8972	0.8073
73.9	0.5419	0.8654	0.9353	0.7417	0.6744	0.8017	0.9124	0.7801
74.0	0.4503	0.8238	0.9438	0.7641	0.7709	0.8225	0.9342	0.8114
74.1	0.4354	0.8484	0.9312	0.8077	0.7461	0.8102	0.9313	0.8011
74.2	0.1751	0.8002	0.9165	0.7328	0.6937	0.7408	0.8995	0.7717
74.3	0.1197	0.7823	0.9091	0.7378	0.7030	0.7333	0.8916	0.8065
74.4	0.0818	0.7680	0.9150	0.6988	0.6707	0.7156	0.9137	0.7524
74.5	0.0474	0.7809	0.9079	0.5743	0.5945	0.6757	0.8982	0.6293
74.6	0.0466	0.7466	0.9082	0.5309	0.6813	0.6156	0.8888	0.6683
74.7	0.1076	0.7426	0.9121	0.5572	0.6715	0.6171	0.9045	0.6314
74.8	0.0968	0.7473	0.9172	0.5636	0.7133	0.6293	0.9167	0.6270
74.9	0.1692	0.6705	0.8809	0.4461	0.6327	0.6512	0.8900	0.6223
75.0	0.2985	0.6384	0.8709	0.3459	0.6476	0.5489	0.8817	0.6041
75.1	0.4336	0.7407	0.9080	0.5109	0.7400	0.5369	0.9058	0.6621
75.2	0.5102	0.7318	0.8991	0.5660	0.6831	0.6024	0.8889	0.6291
75.3	0.4989	0.7407	0.8942	0.4870	0.5265	0.5807	0.8748	0.5783
75.4	0.4297	0.7352	0.8716	0.3545	0.5663	0.5722	0.8730	0.5579
75.5	0.4650	0.7829	0.8275	0.4678	0.5747	0.5477	0.8573	0.4549
75.6	0.5143	0.7783	0.8684	0.5420	0.5270	0.5445	0.8608	0.5398
75.7	0.5553	0.8121	0.8646	0.5211	0.5165	0.5873	0.8880	0.5162
75.8	0.6306	0.8229	0.8664	0.6139	0.5991	0.5697	0.8944	0.5331
75.9	0.5316	0.8161	0.8345	0.5753	0.4161	0.5792	0.8477	0.5063
76.0	0.5670	0.8410	0.8200	0.5488	0.4237	0.5449	0.8520	0.4331
76.1	0.5205	0.8477	0.7959	0.5786	0.4177	0.5911	0.8367	0.4833
76.2	0.5785	0.8083	0.7655	0.6126	0.3788	0.5499	0.7965	0.4338
76.3	0.5837	0.8181	0.7106	0.6836	0.3905	0.5723	0.7340	0.4028
76.4	0.5440	0.8133	0.7672	0.6820	0.4349	0.6029	0.7819	0.4134
76.5	0.5363	0.8458	0.7905	0.6323	0.3266	0.5743	0.8425	0.4883
76.6	0.6367	0.8918	0.8387	0.7321	0.2321	0.6369	0.8697	0.5798
76.7	0.6361	0.8736	0.8237	0.6589	0.2344	0.6986	0.8446	0.4338

76.8	0.5388	0.8444	0.7690	0.5886	0.1096	0.7273	0.8235	0.3878
76.9	0.4294	0.8506	0.7852	0.6423	0.0926	0.6795	0.8423	0.5079
77.0	0.4057	0.8347	0.7966	0.6169	0.1082	0.6853	0.8428	0.5785
77.1	0.4287	0.8543	0.8298	0.6411	0.0468	0.6664	0.8569	0.6543
77.2	0.5044	0.8901	0.8496	0.7180	0.0395	0.7024	0.8818	0.7172
77.3	0.3982	0.8913	0.8777	0.7242	0.0321	0.7301	0.9052	0.8176
77.4	0.4399	0.9072	0.8799	0.7641	0.0867	0.7292	0.9083	0.8341
77.5	0.2367	0.8698	0.8448	0.6730	0.1998	0.6439	0.8777	0.7853
77.6	0.3132	0.8803	0.8692	0.6779	0.3483	0.6571	0.8907	0.7992
77.7	0.4628	0.8847	0.8733	0.6510	0.5737	0.6722	0.8798	0.7937
77.8	0.4591	0.9003	0.9122	0.6595	0.6729	0.7379	0.9128	0.8256
77.9	0.3790	0.9178	0.9134	0.7291	0.6814	0.7673	0.9185	0.8388
78.0	0.2588	0.9039	0.8948	0.6679	0.7139	0.8086	0.9040	0.8572
78.1	0.3609	0.9075	0.8927	0.7047	0.7200	0.7652	0.9036	0.8721
78.2	0.2765	0.8953	0.8865	0.6750	0.7528	0.6938	0.8905	0.8645
78.3	0.3414	0.9113	0.9056	0.7220	0.8052	0.7389	0.9089	0.8913
78.4	0.5734	0.9282	0.9073	0.7433	0.8487	0.7950	0.9023	0.8707
78.5	0.5976	0.9213	0.9170	0.6796	0.8529	0.8106	0.8770	0.8650
78.6	0.6120	0.9288	0.9458	0.6889	0.8385	0.8842	0.8994	0.9118
78.7	0.7229	0.9298	0.9522	0.6935	0.8785	0.8866	0.9143	0.9164
78.8	0.7438	0.9128	0.9497	0.6633	0.8532	0.8648	0.9048	0.9143
78.9	0.7232	0.9021	0.9365	0.6454	0.8350	0.8733	0.8566	0.9021
79.0	0.7464	0.8953	0.9294	0.6894	0.7956	0.8688	0.7867	0.8927
79.1	0.6965	0.8659	0.9365	0.6331	0.7606	0.8448	0.7100	0.8940
79.2	0.7417	0.9081	0.9465	0.6664	0.7729	0.8506	0.6972	0.9053
79.3	0.7080	0.9255	0.9331	0.6417	0.7517	0.8362	0.6843	0.9181
79.4	0.5976	0.9084	0.9027	0.5674	0.6875	0.7975	0.6232	0.8795
79.5	0.6613	0.8887	0.9323	0.4485	0.6726	0.8404	0.5631	0.8981
79.6	0.7644	0.8847	0.9580	0.4416	0.7599	0.9162	0.5771	0.9345
79.7	0.7916	0.9104	0.9511	0.5183	0.7574	0.9008	0.6299	0.9254
79.8	0.8014	0.8999	0.9495	0.5273	0.7200	0.8685	0.4636	0.9099
79.9	0.8105	0.8897	0.9551	0.4881	0.8089	0.8983	0.4664	0.9327
80.0	0.8292	0.8708	0.9593	0.5642	0.8006	0.9020	0.4111	0.9261

2.2.35 Run 3 – IP315-200 – Accels 33–40

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.9724	0.9356	0.9850	0.9158	0.9880	0.8128	0.7315	0.6962
0.1	0.8942	0.7729	0.9471	0.7336	0.9631	0.6151	0.3815	0.3122
0.2	0.0176	0.0178	0.0064	0.0302	0.0204	0.0309	0.0008	0.0008
0.3	0.0445	0.0301	0.0335	0.0170	0.0094	0.0497	0.0209	0.0066
0.4	0.0164	0.0029	0.0010	0.0156	0.0085	0.0108	0.0359	0.0005
0.5	0.0191	0.0048	0.0098	0.0092	0.0698	0.0015	0.0002	0.0067
0.6	0.0582	0.2207	0.0019	0.0065	0.1603	0.0114	0.0018	0.0101
0.7	0.3682	0.7641	0.0339	0.0530	0.5270	0.0185	0.0179	0.0096
0.8	0.7138	0.9163	0.0933	0.2583	0.7229	0.0591	0.0049	0.0650
0.9	0.8525	0.9658	0.0552	0.6186	0.8497	0.1332	0.0081	0.1598
1.0	0.7849	0.9521	0.0539	0.5266	0.7057	0.0519	0.0271	0.0546
1.1	0.6133	0.8678	0.0157	0.4445	0.4322	0.0103	0.0098	0.0285
1.2	0.8359	0.9494	0.1366	0.7631	0.7126	0.0704	0.0935	0.0474
1.3	0.8260	0.8809	0.5242	0.8297	0.6729	0.2776	0.4434	0.1052
1.4	0.4560	0.7485	0.6632	0.7978	0.6245	0.5427	0.7592	0.0270
1.5	0.6326	0.7682	0.7934	0.7979	0.6747	0.7536	0.8771	0.2261
1.6	0.8705	0.8291	0.8946	0.8100	0.7286	0.8389	0.9316	0.6572
1.7	0.9719	0.8377	0.9241	0.9239	0.8477	0.7863	0.9432	0.7196
1.8	0.9778	0.8560	0.9560	0.9234	0.8736	0.8687	0.9639	0.7981
1.9	0.9744	0.8541	0.9608	0.9062	0.8888	0.9039	0.9614	0.8268
2.0	0.9475	0.9068	0.9581	0.9036	0.9373	0.9273	0.9338	0.9064
2.1	0.8776	0.9375	0.9095	0.8620	0.9672	0.8948	0.8643	0.9446
2.2	0.8328	0.9586	0.8654	0.8268	0.9752	0.8531	0.8271	0.9432
2.3	0.3591	0.9052	0.4192	0.3541	0.8223	0.3978	0.3492	0.6992
2.4	0.6849	0.9340	0.5718	0.6755	0.8283	0.5946	0.6958	0.7106
2.5	0.9405	0.9747	0.8536	0.9389	0.9918	0.8927	0.9444	0.7900
2.6	0.9842	0.9891	0.8910	0.9837	0.9985	0.9473	0.9858	0.8378
2.7	0.9892	0.9923	0.8141	0.9890	0.9992	0.9413	0.9911	0.8367
2.8	0.9903	0.9924	0.5094	0.9898	0.9989	0.8831	0.9928	0.7616
2.9	0.9942	0.9922	0.6273	0.9944	0.9991	0.7910	0.9962	0.6799
3.0	0.9966	0.9920	0.8271	0.9971	0.9991	0.5237	0.9963	0.6752
3.1	0.9974	0.9937	0.9077	0.9973	0.9989	0.1780	0.9966	0.6496
3.2	0.9983	0.9968	0.9690	0.9981	0.9992	0.6965	0.9983	0.7333
3.3	0.9990	0.9973	0.9802	0.9990	0.9995	0.9042	0.9989	0.7424
3.4	0.9985	0.9966	0.9761	0.9984	0.9994	0.9293	0.9984	0.6493
3.5	0.9993	0.9973	0.9896	0.9993	0.9994	0.9704	0.9989	0.6177
3.6	0.9990	0.9964	0.9877	0.9991	0.9993	0.9697	0.9986	0.5137
3.7	0.9995	0.9976	0.9923	0.9994	0.9994	0.9797	0.9980	0.5541
3.8	0.9994	0.9978	0.9948	0.9995	0.9994	0.9869	0.9980	0.5750
3.9	0.9994	0.9977	0.9949	0.9995	0.9994	0.9866	0.9971	0.5770
4.0	0.9996	0.9979	0.9964	0.9996	0.9994	0.9891	0.9969	0.5562
4.1	0.9995	0.9982	0.9946	0.9994	0.9990	0.9875	0.9941	0.5152
4.2	0.9994	0.9982	0.9951	0.9995	0.9988	0.9911	0.9896	0.4674
4.3	0.9991	0.9984	0.9944	0.9992	0.9988	0.9910	0.9767	0.4383
4.4	0.9991	0.9988	0.9948	0.9992	0.9988	0.9899	0.9706	0.5109
4.5	0.9992	0.9993	0.9955	0.9992	0.9990	0.9930	0.9662	0.6312
4.6	0.9993	0.9993	0.9955	0.9993	0.9985	0.9931	0.9650	0.5209
4.7	0.9990	0.9991	0.9939	0.9990	0.9977	0.9907	0.9443	0.4834
4.8	0.9988	0.9991	0.9932	0.9987	0.9975	0.9895	0.9392	0.4825
4.9	0.9990	0.9986	0.9952	0.9989	0.9969	0.9927	0.9513	0.4318
5.0	0.9991	0.9983	0.9948	0.9989	0.9960	0.9937	0.9474	0.4899
5.1	0.9991	0.9979	0.9947	0.9987	0.9956	0.9930	0.9487	0.4981
5.2	0.9990	0.9975	0.9966	0.9987	0.9968	0.9943	0.9660	0.5430
5.3	0.9993	0.9975	0.9965	0.9990	0.9968	0.9956	0.9757	0.5743
5.4	0.9991	0.9970	0.9959	0.9991	0.9960	0.9951	0.9694	0.5573
5.5	0.9991	0.9969	0.9972	0.9991	0.9960	0.9963	0.9662	0.6149
5.6	0.9988	0.9955	0.9964	0.9989	0.9941	0.9959	0.9540	0.5244
5.7	0.9983	0.9951	0.9962	0.9983	0.9950	0.9953	0.9437	0.5788
5.8	0.9982	0.9964	0.9969	0.9985	0.9965	0.9968	0.9477	0.6742
5.9	0.9978	0.9955	0.9957	0.9977	0.9957	0.9974	0.9305	0.5568
6.0	0.9977	0.9955	0.9942	0.9979	0.9954	0.9964	0.9393	0.3561
6.1	0.9983	0.9961	0.9949	0.9983	0.9965	0.9961	0.9398	0.3352
6.2	0.9989	0.9963	0.9946	0.9989	0.9969	0.9965	0.9490	0.2878
6.3	0.9988	0.9961	0.9905	0.9988	0.9969	0.9931	0.9492	0.1461
6.4	0.9987	0.9972	0.9893	0.9983	0.9978	0.9937	0.9483	0.2144
6.5	0.9985	0.9972	0.9864	0.9980	0.9970	0.9943	0.9405	0.2197
6.6	0.9976	0.9973	0.9865	0.9974	0.9975	0.9930	0.9391	0.3723
6.7	0.9974	0.9971	0.9804	0.9968	0.9977	0.9946	0.9413	0.2946
6.8	0.9971	0.9970	0.9496	0.9961	0.9973	0.9959	0.9413	0.1970
6.9	0.9954	0.9976	0.8952	0.9939	0.9977	0.9950	0.9336	0.1942
7.0	0.9858	0.9983	0.8154	0.9818	0.9978	0.9954	0.8964	0.2355
7.1	0.9644	0.9985	0.8313	0.9517	0.9968	0.9964	0.7502	0.3163
7.2	0.9589	0.9985	0.9211	0.9450	0.9962	0.9934	0.7878	0.2898
7.3	0.9836	0.9985	0.9818	0.9794	0.9973	0.9934	0.8866	0.2839
7.4	0.9621	0.9980	0.9804	0.9408	0.9969	0.9966	0.8308	0.1437
7.5	0.9662	0.9982	0.9918	0.9408	0.9970	0.9932	0.9071	0.0486
7.6	0.9855	0.9984	0.9970	0.9789	0.9970	0.9927	0.9128	0.0181
7.7	0.9890	0.9977	0.9979	0.9868	0.9960	0.9931	0.8925	0.0033
7.8	0.9939	0.9983	0.9972	0.9933	0.9968	0.9942	0.8988	0.0012
7.9	0.9927	0.9986	0.9980	0.9917	0.9970	0.9969	0.9098	0.0159

8.0	0.9882	0.9981	0.9971	0.9866	0.9964	0.9945	0.8749	0.0093
8.1	0.9915	0.9985	0.9978	0.9907	0.9965	0.9961	0.8711	0.0156
8.2	0.9911	0.9983	0.9964	0.9907	0.9949	0.9943	0.8764	0.0057
8.3	0.9935	0.9980	0.9959	0.9928	0.9950	0.9934	0.9343	0.0514
8.4	0.9951	0.9980	0.9957	0.9948	0.9963	0.9932	0.9352	0.0769
8.5	0.9942	0.9973	0.9927	0.9936	0.9945	0.9894	0.9257	0.0394
8.6	0.9935	0.9965	0.9924	0.9928	0.9918	0.9898	0.9311	0.0353
8.7	0.9967	0.9975	0.9927	0.9963	0.9950	0.9906	0.9553	0.0989
8.8	0.9938	0.9961	0.9850	0.9922	0.9925	0.9811	0.9428	0.0574
8.9	0.9917	0.9926	0.9852	0.9902	0.9851	0.9825	0.9154	0.3547
9.0	0.9807	0.9875	0.9683	0.9765	0.9760	0.9629	0.5993	0.3908
9.1	0.9875	0.9892	0.9795	0.9854	0.9838	0.9777	0.0385	0.4041
9.2	0.9615	0.9851	0.9374	0.9533	0.9788	0.9349	0.5883	0.3723
9.3	0.9340	0.9829	0.9203	0.9250	0.9765	0.9207	0.7725	0.2908
9.4	0.9474	0.9922	0.9529	0.9436	0.9903	0.9559	0.8390	0.4200
9.5	0.9562	0.9956	0.9712	0.9565	0.9952	0.9745	0.8395	0.2789
9.6	0.9462	0.9950	0.9774	0.9504	0.9942	0.9813	0.7241	0.1997
9.7	0.9412	0.9944	0.9860	0.9554	0.9938	0.9892	0.7035	0.2159
9.8	0.9511	0.9947	0.9920	0.9594	0.9946	0.9943	0.4722	0.0319
9.9	0.9490	0.9938	0.9947	0.9455	0.9935	0.9963	0.3602	0.0160
10.0	0.9338	0.9857	0.9942	0.8662	0.9842	0.9962	0.2550	0.0128
10.1	0.9597	0.9845	0.9955	0.8476	0.9829	0.9972	0.3413	0.1106
10.2	0.9792	0.9878	0.9968	0.9061	0.9854	0.9979	0.4024	0.0632
10.3	0.9854	0.9892	0.9960	0.9376	0.9894	0.9976	0.4129	0.2215
10.4	0.9910	0.9924	0.9962	0.9629	0.9924	0.9980	0.3226	0.1163
10.5	0.9909	0.9921	0.9954	0.9671	0.9922	0.9978	0.3069	0.2073
10.6	0.9948	0.9937	0.9948	0.9835	0.9933	0.9976	0.1695	0.1579
10.7	0.9949	0.9937	0.9954	0.9850	0.9936	0.9980	0.1044	0.3450
10.8	0.9959	0.9950	0.9954	0.9883	0.9947	0.9981	0.0992	0.3779
10.9	0.9956	0.9936	0.9952	0.9892	0.9930	0.9982	0.2133	0.2910
11.0	0.9957	0.9953	0.9960	0.9928	0.9950	0.9981	0.2443	0.3906
11.1	0.9960	0.9945	0.9964	0.9933	0.9945	0.9981	0.4416	0.3378
11.2	0.9970	0.9956	0.9965	0.9952	0.9954	0.9984	0.5730	0.3763
11.3	0.9966	0.9954	0.9941	0.9945	0.9951	0.9980	0.6734	0.4382
11.4	0.9970	0.9956	0.9955	0.9959	0.9955	0.9983	0.8062	0.5501
11.5	0.9966	0.9960	0.9940	0.9957	0.9962	0.9979	0.8592	0.6443
11.6	0.9954	0.9955	0.9937	0.9945	0.9952	0.9975	0.8775	0.6399
11.7	0.9974	0.9963	0.9944	0.9965	0.9960	0.9979	0.8829	0.7399
11.8	0.9960	0.9954	0.9915	0.9950	0.9954	0.9972	0.8955	0.7660
11.9	0.9948	0.9955	0.9921	0.9936	0.9954	0.9968	0.8985	0.7527
12.0	0.9961	0.9963	0.9912	0.9948	0.9955	0.9974	0.9192	0.8054
12.1	0.9955	0.9944	0.9910	0.9940	0.9938	0.9969	0.9188	0.7554
12.2	0.9939	0.9937	0.9895	0.9937	0.9933	0.9954	0.9181	0.7288
12.3	0.9938	0.9915	0.9880	0.9931	0.9901	0.9947	0.8942	0.7251
12.4	0.9935	0.9876	0.9880	0.9927	0.9860	0.9941	0.8985	0.6806
12.5	0.9921	0.9823	0.9834	0.9906	0.9818	0.9930	0.8641	0.7424
12.6	0.9914	0.9850	0.9814	0.9888	0.9844	0.9932	0.8701	0.8162
12.7	0.9885	0.9734	0.9758	0.9835	0.9727	0.9908	0.8083	0.7941
12.8	0.9845	0.9763	0.9656	0.9773	0.9754	0.9885	0.7678	0.8133
12.9	0.9840	0.9726	0.9697	0.9768	0.9712	0.9877	0.7461	0.7883
13.0	0.9848	0.9768	0.9686	0.9853	0.9760	0.9901	0.7878	0.8176
13.1	0.9805	0.9765	0.9673	0.9848	0.9752	0.9875	0.7326	0.8424
13.2	0.9633	0.9745	0.9521	0.9764	0.9739	0.9828	0.7339	0.8575
13.3	0.9360	0.9660	0.9390	0.9687	0.9657	0.9744	0.6330	0.8563
13.4	0.8997	0.9539	0.9313	0.9603	0.9540	0.9727	0.3934	0.8375
13.5	0.9143	0.9498	0.9434	0.9563	0.9500	0.9704	0.3014	0.8489
13.6	0.9020	0.9479	0.9295	0.9369	0.9493	0.9693	0.3970	0.8252
13.7	0.9325	0.9710	0.9505	0.9487	0.9725	0.9660	0.2309	0.8081
13.8	0.9337	0.9727	0.9515	0.9462	0.9753	0.9576	0.3803	0.8153
13.9	0.9176	0.9723	0.9344	0.9278	0.9752	0.9318	0.6549	0.8229
14.0	0.8838	0.9757	0.8967	0.8960	0.9784	0.9092	0.6610	0.7640
14.1	0.9072	0.9821	0.9095	0.9160	0.9844	0.9295	0.7418	0.7055
14.2	0.9014	0.9800	0.8918	0.9102	0.9809	0.9244	0.7874	0.6882
14.3	0.9284	0.9893	0.9054	0.9352	0.9894	0.9470	0.8277	0.7423
14.4	0.9175	0.9851	0.8752	0.9256	0.9856	0.9409	0.8459	0.7160
14.5	0.9485	0.9885	0.9004	0.9537	0.9896	0.9645	0.8716	0.6964
14.6	0.9577	0.9905	0.9198	0.9621	0.9919	0.9725	0.9072	0.7825
14.7	0.9680	0.9922	0.9081	0.9720	0.9930	0.9779	0.9289	0.8422
14.8	0.9674	0.9944	0.8179	0.9732	0.9953	0.9694	0.9316	0.8619
14.9	0.9772	0.9961	0.8526	0.9815	0.9969	0.9766	0.9380	0.8894
15.0	0.9836	0.9965	0.9393	0.9867	0.9974	0.9853	0.9439	0.8871
15.1	0.9840	0.9954	0.9720	0.9868	0.9965	0.9871	0.9395	0.8779
15.2	0.9871	0.9961	0.9855	0.9892	0.9969	0.9905	0.9471	0.9221
15.3	0.9887	0.9970	0.9907	0.9909	0.9977	0.9928	0.9515	0.9119
15.4	0.9895	0.9968	0.9949	0.9917	0.9976	0.9938	0.9530	0.8836
15.5	0.9916	0.9957	0.9966	0.9934	0.9969	0.9950	0.9383	0.8751
15.6	0.9941	0.9973	0.9980	0.9953	0.9980	0.9966	0.9210	0.8780
15.7	0.9924	0.9965	0.9981	0.9941	0.9975	0.9963	0.8295	0.7897
15.8	0.9869	0.9941	0.9972	0.9905	0.9961	0.9945	0.6756	0.5809
15.9	0.9919	0.9960	0.9980	0.9943	0.9976	0.9973	0.6195	0.6684
16.0	0.9930	0.9951	0.9977	0.9944	0.9967	0.9971	0.4691	0.7744
16.1	0.9905	0.9943	0.9973	0.9921	0.9963	0.9960	0.2357	0.8490
16.2	0.9898	0.9946	0.9980	0.9923	0.9965	0.9957	0.5028	0.8908
16.3	0.9885	0.9949	0.9981	0.9919	0.9966	0.9960	0.6744	0.8997
16.4	0.9895	0.9951	0.9981	0.9931	0.9970	0.9963	0.8479	0.8883
16.5	0.9924	0.9921	0.9922	0.9949	0.9955	0.9942	0.8383	0.7747

16.6	0.9927	0.9942	0.9904	0.9943	0.9962	0.9950	0.8828	0.6592
16.7	0.9928	0.9964	0.9895	0.9947	0.9979	0.9935	0.8934	0.8085
16.8	0.9914	0.9962	0.9850	0.9943	0.9974	0.9927	0.8241	0.8820
16.9	0.9870	0.9944	0.9844	0.9918	0.9963	0.9940	0.7371	0.8069
17.0	0.9882	0.9890	0.9791	0.9907	0.9939	0.9948	0.7599	0.8366
17.1	0.9925	0.9857	0.9541	0.9912	0.9921	0.9959	0.6881	0.8237
17.2	0.9933	0.9931	0.9839	0.9946	0.9966	0.9963	0.7242	0.8919
17.3	0.9911	0.9913	0.9870	0.9911	0.9954	0.9950	0.6604	0.8910
17.4	0.9860	0.9888	0.9935	0.9889	0.9943	0.9924	0.8829	0.8939
17.5	0.9867	0.9900	0.9936	0.9899	0.9951	0.9939	0.9013	0.8918
17.6	0.9843	0.9872	0.9935	0.9887	0.9941	0.9943	0.8440	0.8392
17.7	0.9823	0.9811	0.9897	0.9848	0.9914	0.9911	0.8488	0.8860
17.8	0.9830	0.9833	0.9870	0.9844	0.9918	0.9898	0.8090	0.9113
17.9	0.9788	0.9777	0.9856	0.9820	0.9904	0.9846	0.6858	0.8651
18.0	0.9792	0.9696	0.9863	0.9823	0.9880	0.9889	0.4158	0.8473
18.1	0.9775	0.9607	0.9904	0.9798	0.9883	0.9926	0.3681	0.8427
18.2	0.9733	0.9527	0.9906	0.9798	0.9867	0.9921	0.4322	0.8322
18.3	0.9628	0.9529	0.9874	0.9715	0.9880	0.9905	0.4612	0.8225
18.4	0.9590	0.9374	0.9853	0.9732	0.9858	0.9902	0.4733	0.8273
18.5	0.9608	0.9259	0.9875	0.9716	0.9847	0.9868	0.5117	0.7970
18.6	0.9531	0.9226	0.9821	0.9649	0.9856	0.9728	0.5168	0.8597
18.7	0.9295	0.8889	0.9743	0.9483	0.9793	0.9670	0.4568	0.7432
18.8	0.9492	0.9002	0.9777	0.9646	0.9838	0.9896	0.5409	0.7452
18.9	0.9397	0.8999	0.9744	0.9659	0.9856	0.9865	0.5391	0.7777
19.0	0.9278	0.9025	0.9773	0.9539	0.9789	0.9819	0.5970	0.7193
19.1	0.9146	0.8623	0.9723	0.9483	0.9706	0.9853	0.6102	0.5944
19.2	0.8728	0.7840	0.9648	0.9337	0.9570	0.9789	0.5446	0.5269
19.3	0.7965	0.6958	0.9692	0.9068	0.9532	0.9782	0.5860	0.4970
19.4	0.7040	0.5307	0.9546	0.8708	0.9338	0.9752	0.5788	0.5535
19.5	0.7135	0.4591	0.9550	0.8797	0.9334	0.9744	0.5307	0.5212
19.6	0.5886	0.4417	0.9582	0.8562	0.9347	0.9702	0.5555	0.4211
19.7	0.4949	0.2514	0.9382	0.8369	0.9033	0.9593	0.4683	0.3295
19.8	0.4727	0.3530	0.9457	0.8337	0.8820	0.9666	0.5359	0.3919
19.9	0.5477	0.3697	0.9515	0.8403	0.9055	0.9657	0.5469	0.4561
20.0	0.4123	0.5264	0.9447	0.6998	0.8566	0.9683	0.4307	0.5335
20.1	0.4642	0.6596	0.9317	0.6294	0.8086	0.9630	0.4066	0.5275
20.2	0.4952	0.5742	0.8922	0.5489	0.7589	0.9593	0.3734	0.4001
20.3	0.5517	0.5940	0.9054	0.4021	0.7112	0.9561	0.3795	0.3665
20.4	0.6583	0.6851	0.8839	0.2237	0.5957	0.9512	0.4353	0.3744
20.5	0.6409	0.6556	0.8888	0.2223	0.5533	0.9441	0.3592	0.3405
20.6	0.7617	0.5814	0.8512	0.3105	0.3069	0.9269	0.2416	0.3145
20.7	0.8142	0.6400	0.8884	0.4708	0.2284	0.9138	0.3114	0.2869
20.8	0.8243	0.6538	0.8614	0.5713	0.1942	0.9168	0.4170	0.2654
20.9	0.8152	0.5066	0.7838	0.5083	0.1776	0.8636	0.2643	0.1232
21.0	0.7591	0.4778	0.7379	0.4766	0.1756	0.8038	0.1611	0.1136
21.1	0.7501	0.4813	0.7162	0.5562	0.2207	0.7785	0.0277	0.1186
21.2	0.7743	0.5449	0.6636	0.5955	0.3806	0.7561	0.0203	0.0947
21.3	0.8239	0.7056	0.6535	0.5672	0.3845	0.8021	0.1146	0.2109
21.4	0.8287	0.7589	0.6763	0.6395	0.4177	0.8491	0.1206	0.2253
21.5	0.7980	0.7570	0.6227	0.6806	0.4450	0.8284	0.0258	0.2156
21.6	0.8349	0.7819	0.4871	0.7663	0.5737	0.8417	0.0242	0.3569
21.7	0.9032	0.8555	0.5822	0.8549	0.7302	0.8434	0.0173	0.4216
21.8	0.8981	0.8831	0.6301	0.7944	0.6323	0.7752	0.0470	0.3812
21.9	0.8910	0.8910	0.5021	0.7595	0.6739	0.6992	0.0216	0.4083
22.0	0.9015	0.8860	0.5467	0.7616	0.6293	0.7188	0.0270	0.3460
22.1	0.9108	0.8885	0.3673	0.7833	0.6785	0.6195	0.0240	0.3544
22.2	0.9423	0.9350	0.5136	0.8486	0.7901	0.6716	0.0192	0.6630
22.3	0.9412	0.9380	0.5275	0.8470	0.8002	0.7259	0.0785	0.5978
22.4	0.9358	0.9319	0.4947	0.8635	0.7140	0.4570	0.0151	0.4562
22.5	0.9407	0.9224	0.5873	0.8603	0.7088	0.4104	0.0001	0.4181
22.6	0.9316	0.9198	0.5959	0.8514	0.7649	0.5294	0.0345	0.5330
22.7	0.9275	0.9228	0.5022	0.8488	0.7442	0.5911	0.0680	0.4251
22.8	0.9640	0.9436	0.5374	0.9151	0.8239	0.6753	0.1252	0.4312
22.9	0.9746	0.9425	0.4859	0.9189	0.8350	0.6252	0.0687	0.5190
23.0	0.9657	0.9278	0.5339	0.8986	0.8460	0.4975	0.0026	0.4728
23.1	0.9647	0.9216	0.6488	0.9160	0.8618	0.5919	0.0041	0.6456
23.2	0.9716	0.9525	0.7229	0.9358	0.9140	0.7375	0.0120	0.7667
23.3	0.9737	0.9329	0.7675	0.9599	0.9202	0.8266	0.0163	0.8044
23.4	0.9737	0.8835	0.7375	0.9426	0.9009	0.7675	0.0683	0.7272
23.5	0.9770	0.8864	0.7629	0.9392	0.9144	0.8169	0.0981	0.7442
23.6	0.9762	0.8664	0.7692	0.9441	0.9215	0.8277	0.0636	0.7913
23.7	0.9851	0.8682	0.7486	0.9429	0.9464	0.8687	0.1249	0.8407
23.8	0.9859	0.8495	0.7187	0.9424	0.9436	0.8748	0.1844	0.8335
23.9	0.9851	0.8168	0.6582	0.9355	0.9411	0.8637	0.0751	0.8190
24.0	0.9810	0.7242	0.5835	0.9290	0.9426	0.7633	0.0794	0.7858
24.1	0.9823	0.6697	0.5712	0.9566	0.9496	0.6655	0.1425	0.7577
24.2	0.9771	0.5612	0.4646	0.9460	0.9385	0.4826	0.0604	0.6890
24.3	0.9836	0.5335	0.6469	0.9546	0.9532	0.4698	0.0612	0.7552
24.4	0.9869	0.5937	0.7192	0.9601	0.9583	0.4910	0.1465	0.8000
24.5	0.9861	0.6510	0.7227	0.9679	0.9741	0.4702	0.0882	0.7697
24.6	0.9865	0.5901	0.7335	0.9648	0.9678	0.3484	0.0404	0.6829
24.7	0.9886	0.7225	0.8065	0.9716	0.9574	0.2855	0.0339	0.6833
24.8	0.9921	0.8151	0.8542	0.9803	0.9730	0.1674	0.0877	0.7542
24.9	0.9904	0.8601	0.8657	0.9792	0.9689	0.0440	0.2096	0.7642
25.0	0.9940	0.8937	0.9092	0.9840	0.9762	0.0148	0.1142	0.7717
25.1	0.9925	0.8821	0.8839	0.9801	0.9740	0.0332	0.1462	0.5954

25.2	0.9926	0.8810	0.8874	0.9809	0.9767	0.1081	0.1929	0.5872
25.3	0.9930	0.9019	0.9156	0.9857	0.9789	0.4075	0.0382	0.5752
25.4	0.9926	0.9090	0.9162	0.9867	0.9776	0.5938	0.0572	0.6063
25.5	0.9923	0.9188	0.9156	0.9850	0.9761	0.5962	0.1437	0.6691
25.6	0.9923	0.9247	0.9172	0.9836	0.9773	0.6259	0.1479	0.7157
25.7	0.9928	0.9157	0.9100	0.9846	0.9729	0.6689	0.1742	0.6854
25.8	0.9943	0.9496	0.9376	0.9906	0.9812	0.7485	0.1736	0.6777
25.9	0.9932	0.9452	0.9547	0.9870	0.9802	0.8056	0.1362	0.6703
26.0	0.9944	0.9412	0.9629	0.9890	0.9803	0.8378	0.1818	0.6278
26.1	0.9950	0.9516	0.9635	0.9880	0.9800	0.8589	0.3105	0.6369
26.2	0.9938	0.9515	0.9567	0.9855	0.9672	0.8504	0.3075	0.5569
26.3	0.9939	0.9447	0.9615	0.9864	0.9516	0.8764	0.1410	0.5612
26.4	0.9947	0.9583	0.9644	0.9906	0.9545	0.9127	0.1130	0.6945
26.5	0.9943	0.9652	0.9710	0.9905	0.9621	0.9277	0.1459	0.7410
26.6	0.9960	0.9666	0.9746	0.9905	0.9438	0.9292	0.1568	0.7667
26.7	0.9960	0.9762	0.9820	0.9927	0.9340	0.9502	0.2620	0.8489
26.8	0.9952	0.9810	0.9803	0.9931	0.9214	0.9616	0.1738	0.8588
26.9	0.9943	0.9798	0.9769	0.9917	0.8416	0.9580	0.1224	0.7823
27.0	0.9944	0.9797	0.9769	0.9922	0.8502	0.9546	0.1902	0.7980
27.1	0.9950	0.9807	0.9757	0.9925	0.8177	0.9595	0.1725	0.7879
27.2	0.9949	0.9809	0.9775	0.9925	0.8713	0.9626	0.1733	0.7538
27.3	0.9938	0.9813	0.9804	0.9918	0.9045	0.9665	0.1665	0.7591
27.4	0.9943	0.9827	0.9807	0.9913	0.9329	0.9639	0.3358	0.7401
27.5	0.9933	0.9812	0.9798	0.9896	0.9567	0.9616	0.4119	0.7319
27.6	0.9935	0.9839	0.9822	0.9907	0.9718	0.9596	0.3409	0.7671
27.7	0.9947	0.9848	0.9854	0.9931	0.9759	0.9582	0.2956	0.7818
27.8	0.9951	0.9872	0.9824	0.9925	0.9748	0.9559	0.2951	0.7848
27.9	0.9941	0.9826	0.9744	0.9918	0.9700	0.9392	0.3931	0.7674
28.0	0.9943	0.9865	0.9749	0.9920	0.9705	0.9373	0.5200	0.7598
28.1	0.9958	0.9902	0.9855	0.9945	0.9823	0.9477	0.4470	0.6850
28.2	0.9959	0.9899	0.9876	0.9935	0.9837	0.9508	0.4568	0.6452
28.3	0.9956	0.9895	0.9851	0.9916	0.9826	0.9425	0.5116	0.6684
28.4	0.9953	0.9901	0.9770	0.9926	0.9777	0.9046	0.5362	0.7209
28.5	0.9947	0.9907	0.9787	0.9930	0.9808	0.8935	0.3952	0.6889
28.6	0.9939	0.9896	0.9808	0.9910	0.9791	0.8668	0.3469	0.5955
28.7	0.9904	0.9866	0.9718	0.9860	0.9617	0.7572	0.3847	0.5495
28.8	0.9904	0.9877	0.9706	0.9853	0.9676	0.6052	0.3713	0.5219
28.9	0.9933	0.9896	0.9732	0.9884	0.9699	0.5766	0.2586	0.5227
29.0	0.9929	0.9916	0.9775	0.9887	0.9717	0.5055	0.4277	0.5765
29.1	0.9942	0.9915	0.9792	0.9906	0.9767	0.3920	0.4325	0.6623
29.2	0.9938	0.9885	0.9780	0.9912	0.9697	0.3433	0.2793	0.4859
29.3	0.9921	0.9864	0.9757	0.9885	0.9604	0.5495	0.2272	0.5203
29.4	0.9902	0.9845	0.9685	0.9845	0.9483	0.5374	0.3014	0.4185
29.5	0.9930	0.9873	0.9791	0.9898	0.9631	0.6190	0.3350	0.3694
29.6	0.9912	0.9849	0.9757	0.9862	0.9674	0.6594	0.3244	0.3418
29.7	0.9898	0.9815	0.9712	0.9818	0.9602	0.7280	0.3159	0.2521
29.8	0.9906	0.9850	0.9751	0.9859	0.9642	0.8051	0.4353	0.2644
29.9	0.9867	0.9793	0.9652	0.9760	0.9411	0.6528	0.3095	0.3047
30.0	0.9824	0.9716	0.9567	0.9730	0.9298	0.6753	0.1880	0.1611
30.1	0.9860	0.9807	0.9706	0.9813	0.9555	0.8293	0.2645	0.2019
30.2	0.9859	0.9785	0.9760	0.9769	0.9436	0.8285	0.1318	0.2739
30.3	0.9879	0.9809	0.9749	0.9784	0.9396	0.8327	0.0855	0.4128
30.4	0.9873	0.9749	0.9772	0.9820	0.9585	0.8646	0.1127	0.5438
30.5	0.9849	0.9686	0.9819	0.9816	0.9714	0.8907	0.1590	0.4072
30.6	0.9846	0.9673	0.9829	0.9779	0.9595	0.9005	0.1915	0.3512
30.7	0.9810	0.9625	0.9799	0.9694	0.9453	0.9038	0.1827	0.4287
30.8	0.9791	0.9685	0.9791	0.9732	0.9573	0.9164	0.2161	0.5890
30.9	0.9771	0.9658	0.9812	0.9686	0.9614	0.9258	0.1717	0.6865
31.0	0.9725	0.9521	0.9759	0.9684	0.9526	0.9168	0.1952	0.6239
31.1	0.9714	0.9490	0.9780	0.9652	0.9447	0.9280	0.2381	0.6174
31.2	0.9668	0.9430	0.9746	0.9552	0.9371	0.9397	0.2653	0.5863
31.3	0.9688	0.9442	0.9719	0.9504	0.9304	0.9436	0.3462	0.5424
31.4	0.9644	0.9241	0.9688	0.9384	0.9067	0.9350	0.3715	0.4644
31.5	0.9704	0.9523	0.9724	0.9388	0.9281	0.9417	0.4167	0.5527
31.6	0.9648	0.9446	0.9706	0.9389	0.9388	0.9441	0.3670	0.5159
31.7	0.9542	0.9252	0.9617	0.9333	0.9440	0.9358	0.3400	0.6340
31.8	0.9668	0.9523	0.9724	0.9430	0.9507	0.9566	0.4095	0.7292
31.9	0.9564	0.9412	0.9577	0.9202	0.9108	0.9417	0.2698	0.5906
32.0	0.9352	0.9193	0.9341	0.8847	0.8756	0.9090	0.1628	0.5320
32.1	0.9349	0.9194	0.9387	0.8969	0.9255	0.9267	0.1473	0.6904
32.2	0.9417	0.9273	0.9421	0.8994	0.9115	0.9258	0.1633	0.7436
32.3	0.9289	0.8947	0.9307	0.8712	0.8790	0.8983	0.2231	0.6700
32.4	0.9308	0.9050	0.9357	0.8936	0.8959	0.9032	0.2206	0.5990
32.5	0.9295	0.9041	0.9372	0.8985	0.9075	0.9061	0.1842	0.5426
32.6	0.9361	0.9009	0.9418	0.9033	0.9122	0.9187	0.2644	0.4168
32.7	0.9160	0.8608	0.9169	0.8743	0.8908	0.9048	0.3356	0.3423
32.8	0.9312	0.8637	0.9284	0.8942	0.9027	0.9189	0.4707	0.2958
32.9	0.9067	0.8041	0.9086	0.8613	0.8685	0.8904	0.5232	0.3710
33.0	0.8972	0.8039	0.9000	0.8619	0.8693	0.8945	0.5664	0.5870
33.1	0.8970	0.8026	0.8986	0.8665	0.8687	0.8971	0.6057	0.7090
33.2	0.8814	0.7107	0.8757	0.8434	0.8312	0.8797	0.6282	0.7380
33.3	0.9173	0.7619	0.9117	0.8919	0.8790	0.9216	0.7520	0.8289
33.4	0.8831	0.5795	0.8702	0.8369	0.8165	0.8871	0.5725	0.8275
33.5	0.9017	0.6388	0.8954	0.8705	0.8538	0.9168	0.6368	0.8581
33.6	0.9107	0.5593	0.8990	0.8781	0.8327	0.9147	0.5315	0.8485
33.7	0.9155	0.4991	0.9037	0.8858	0.8297	0.9198	0.4171	0.8537

33.8	0.8448	0.2783	0.8348	0.7908	0.7025	0.8812	0.2805	0.7996
33.9	0.8271	0.3491	0.8208	0.7779	0.6390	0.8734	0.2464	0.8161
34.0	0.8300	0.5281	0.8176	0.7859	0.6233	0.8830	0.1824	0.8518
34.1	0.8547	0.6609	0.8506	0.8270	0.6583	0.9194	0.1787	0.8844
34.2	0.8117	0.6547	0.8205	0.7832	0.5920	0.9022	0.1877	0.8623
34.3	0.7821	0.7150	0.7792	0.7567	0.4535	0.8879	0.1533	0.8564
34.4	0.7892	0.7738	0.7901	0.7755	0.4522	0.9013	0.1037	0.8636
34.5	0.7598	0.8254	0.7830	0.7542	0.3420	0.9048	0.0367	0.8756
34.6	0.7445	0.8337	0.7884	0.7240	0.3907	0.9156	0.0520	0.8985
34.7	0.7359	0.8722	0.8197	0.6726	0.5944	0.9382	0.0042	0.9127
34.8	0.6618	0.8807	0.7517	0.5635	0.6190	0.9070	0.0993	0.9007
34.9	0.7242	0.9329	0.8210	0.5860	0.7891	0.9457	0.1131	0.9433
35.0	0.6997	0.9304	0.7868	0.5204	0.7502	0.9484	0.0594	0.9313
35.1	0.6266	0.9148	0.7336	0.3996	0.7435	0.8975	0.0659	0.9211
35.2	0.6322	0.9236	0.7518	0.3343	0.7907	0.8620	0.2623	0.9382
35.3	0.5646	0.9283	0.7425	0.2196	0.8187	0.8346	0.2433	0.9434
35.4	0.5801	0.9348	0.8030	0.0457	0.8030	0.7546	0.3170	0.9462
35.5	0.6889	0.9450	0.8518	0.0209	0.8554	0.7424	0.2287	0.9575
35.6	0.5209	0.9326	0.8256	0.0383	0.8108	0.6933	0.1567	0.9470
35.7	0.5668	0.9264	0.8372	0.0877	0.7168	0.6419	0.2857	0.9383
35.8	0.5837	0.9157	0.8597	0.3432	0.7032	0.5634	0.2518	0.9369
35.9	0.6999	0.9439	0.9219	0.5108	0.7524	0.7280	0.2076	0.9513
36.0	0.7599	0.9337	0.9427	0.6408	0.7742	0.7675	0.2544	0.9457
36.1	0.7411	0.9061	0.9238	0.6234	0.6881	0.7723	0.2512	0.9011
36.2	0.7217	0.8956	0.9293	0.6880	0.6188	0.7299	0.2224	0.8744
36.3	0.7223	0.9042	0.9333	0.7131	0.5453	0.7563	0.2183	0.8630
36.4	0.7809	0.9209	0.9489	0.7664	0.6127	0.8013	0.2051	0.8261
36.5	0.8378	0.9337	0.9661	0.8067	0.4748	0.8006	0.1260	0.8088
36.6	0.8443	0.9068	0.9649	0.8159	0.2122	0.8113	0.0912	0.7418
36.7	0.8295	0.8991	0.9637	0.8252	0.1892	0.8600	0.1633	0.7029
36.8	0.8518	0.9132	0.9687	0.8234	0.1317	0.8914	0.1325	0.7021
36.9	0.8602	0.8970	0.9706	0.8358	0.0683	0.9077	0.2354	0.6706
37.0	0.9017	0.9164	0.9760	0.8774	0.1743	0.8957	0.1883	0.6459
37.1	0.9171	0.9296	0.9786	0.9095	0.3144	0.9289	0.1500	0.7592
37.2	0.9258	0.9192	0.9782	0.9157	0.2609	0.9324	0.2197	0.7421
37.3	0.9193	0.8986	0.9774	0.9062	0.3354	0.9293	0.2168	0.8012
37.4	0.8911	0.8824	0.9670	0.8630	0.3763	0.8923	0.1335	0.6746
37.5	0.9200	0.8749	0.9731	0.9088	0.6212	0.9178	0.1623	0.6728
37.6	0.9466	0.9069	0.9853	0.9446	0.7608	0.9399	0.4448	0.7181
37.7	0.9430	0.9055	0.9848	0.9453	0.7989	0.9475	0.5343	0.7752
37.8	0.9454	0.8976	0.9838	0.9366	0.8209	0.9360	0.5926	0.7399
37.9	0.9469	0.8857	0.9808	0.9324	0.8404	0.9339	0.5312	0.6383
38.0	0.9560	0.9115	0.9836	0.9484	0.8693	0.9407	0.5851	0.7238
38.1	0.9445	0.8923	0.9817	0.9469	0.8687	0.9414	0.5288	0.7343
38.2	0.9736	0.9134	0.9885	0.9643	0.9133	0.9655	0.5216	0.7478
38.3	0.9614	0.8812	0.9835	0.9618	0.9141	0.9532	0.5585	0.7528
38.4	0.9555	0.8576	0.9806	0.9578	0.9147	0.9112	0.5435	0.7693
38.5	0.9518	0.8775	0.9814	0.9600	0.9297	0.9069	0.4688	0.8278
38.6	0.9450	0.8777	0.9774	0.9543	0.9398	0.9031	0.5201	0.8418
38.7	0.9599	0.8996	0.9800	0.9690	0.9537	0.8701	0.5450	0.8931
38.8	0.9526	0.8770	0.9800	0.9664	0.9578	0.8369	0.6134	0.8980
38.9	0.9596	0.8133	0.9806	0.9685	0.9524	0.7606	0.6003	0.8639
39.0	0.9585	0.7656	0.9664	0.9694	0.9532	0.6240	0.4515	0.8625
39.1	0.9707	0.7206	0.9673	0.9812	0.9606	0.5428	0.4462	0.8890
39.2	0.9740	0.7441	0.9681	0.9815	0.9680	0.2819	0.4355	0.9046
39.3	0.9747	0.6865	0.9704	0.9791	0.9567	0.2787	0.4377	0.9090
39.4	0.9798	0.6566	0.9691	0.9803	0.9577	0.3678	0.3839	0.9041
39.5	0.9786	0.6031	0.9684	0.9816	0.9673	0.6318	0.3892	0.9152
39.6	0.9799	0.5745	0.9706	0.9846	0.9689	0.8031	0.4360	0.9309
39.7	0.9807	0.4890	0.9664	0.9863	0.9630	0.8191	0.3333	0.9164
39.8	0.9853	0.6315	0.9716	0.9874	0.9604	0.8228	0.3145	0.9327
39.9	0.9870	0.6628	0.9677	0.9900	0.9611	0.8338	0.3434	0.9265
40.0	0.9878	0.6982	0.9722	0.9896	0.9668	0.8673	0.2659	0.9351
40.1	0.9870	0.7191	0.9752	0.9872	0.9704	0.8916	0.2695	0.9257
40.2	0.9838	0.7626	0.9714	0.9869	0.9597	0.9027	0.3440	0.9102
40.3	0.9847	0.8161	0.9719	0.9876	0.9642	0.9170	0.4582	0.9148
40.4	0.9815	0.7605	0.9568	0.9857	0.9456	0.8855	0.3990	0.8654
40.5	0.9774	0.7607	0.9503	0.9853	0.9320	0.8673	0.2898	0.8433
40.6	0.9820	0.7777	0.9540	0.9880	0.9398	0.8734	0.2554	0.8387
40.7	0.9817	0.8241	0.9602	0.9883	0.9440	0.9069	0.3055	0.8691
40.8	0.9841	0.8522	0.9710	0.9885	0.9518	0.9396	0.4006	0.8829
40.9	0.9841	0.8875	0.9757	0.9907	0.9505	0.9568	0.3831	0.8843
41.0	0.9821	0.8786	0.9710	0.9868	0.9441	0.9365	0.3892	0.8502
41.1	0.9818	0.8403	0.9641	0.9869	0.9296	0.9275	0.3273	0.7886
41.2	0.9840	0.8211	0.9569	0.9892	0.9420	0.9169	0.3360	0.7641
41.3	0.9864	0.8811	0.9637	0.9882	0.9442	0.9268	0.4498	0.7619
41.4	0.9825	0.8954	0.9683	0.9864	0.9375	0.9368	0.4185	0.7913
41.5	0.9868	0.9009	0.9710	0.9882	0.9519	0.9275	0.4516	0.7891
41.6	0.9861	0.8785	0.9610	0.9868	0.9444	0.9132	0.3759	0.6952
41.7	0.9867	0.9052	0.9680	0.9883	0.9528	0.9417	0.3242	0.7109
41.8	0.9857	0.9201	0.9668	0.9858	0.9525	0.9362	0.3382	0.7296
41.9	0.9907	0.9396	0.9813	0.9915	0.9646	0.9577	0.4754	0.8118
42.0	0.9894	0.9346	0.9809	0.9884	0.9581	0.9575	0.5317	0.8041
42.1	0.9884	0.9402	0.9798	0.9885	0.9582	0.9561	0.5648	0.7424
42.2	0.9892	0.9529	0.9816	0.9895	0.9582	0.9479	0.5487	0.7539
42.3	0.9897	0.9515	0.9825	0.9885	0.9516	0.9579	0.5931	0.7383

42.4	0.9851	0.9391	0.9741	0.9847	0.9447	0.9548	0.5086	0.6932
42.5	0.9862	0.9453	0.9784	0.9868	0.9327	0.9489	0.6313	0.7443
42.6	0.9891	0.9399	0.9809	0.9874	0.9372	0.9565	0.6306	0.7332
42.7	0.9890	0.9232	0.9813	0.9890	0.9423	0.9567	0.5401	0.6486
42.8	0.9859	0.8038	0.9687	0.9875	0.9539	0.9552	0.4582	0.4346
42.9	0.9804	0.6983	0.9701	0.9834	0.9327	0.9682	0.4796	0.4065
43.0	0.9882	0.8908	0.9866	0.9894	0.9427	0.9714	0.5789	0.6024
43.1	0.9920	0.9050	0.9917	0.9909	0.9399	0.9790	0.7068	0.6611
43.2	0.9925	0.6233	0.9872	0.9892	0.8963	0.9603	0.6678	0.5074
43.3	0.9908	0.5612	0.9885	0.9901	0.8878	0.9663	0.6236	0.5209
43.4	0.9904	0.8997	0.9923	0.9921	0.9386	0.9675	0.7006	0.6963
43.5	0.9878	0.8752	0.9815	0.9873	0.8226	0.9081	0.7110	0.6428
43.6	0.9926	0.9118	0.9837	0.9907	0.9084	0.9307	0.7870	0.7216
43.7	0.9904	0.9365	0.9793	0.9885	0.9384	0.9410	0.7408	0.7478
43.8	0.9856	0.9425	0.9791	0.9847	0.9010	0.9620	0.6920	0.7535
43.9	0.9846	0.9490	0.9888	0.9846	0.8782	0.9573	0.6814	0.6399
44.0	0.9857	0.9636	0.9911	0.9864	0.8967	0.9608	0.6798	0.6109
44.1	0.9888	0.9178	0.9873	0.9885	0.7901	0.9587	0.7735	0.7328
44.2	0.9899	0.7753	0.9916	0.9906	0.8401	0.9582	0.7993	0.7171
44.3	0.9879	0.8343	0.9904	0.9885	0.7537	0.9707	0.7530	0.8324
44.4	0.9877	0.8370	0.9866	0.9868	0.7925	0.9638	0.7693	0.8552
44.5	0.9876	0.8545	0.9826	0.9868	0.9066	0.9420	0.7671	0.8073
44.6	0.9860	0.6466	0.9837	0.9848	0.8509	0.9349	0.8179	0.8301
44.7	0.9884	0.8289	0.9895	0.9880	0.8840	0.9485	0.8695	0.8651
44.8	0.9884	0.8232	0.9866	0.9883	0.8401	0.9459	0.8116	0.7817
44.9	0.9862	0.7890	0.9808	0.9858	0.8990	0.9223	0.7108	0.5465
45.0	0.9850	0.8984	0.9798	0.9844	0.9445	0.9616	0.6601	0.5033
45.1	0.9882	0.8787	0.9865	0.9872	0.9625	0.9551	0.7440	0.7791
45.2	0.9902	0.8141	0.9905	0.9899	0.9474	0.9350	0.7804	0.7233
45.3	0.9892	0.6093	0.9842	0.9880	0.9358	0.9485	0.8135	0.6990
45.4	0.9868	0.8078	0.9756	0.9860	0.9323	0.9268	0.8169	0.7541
45.5	0.9861	0.8539	0.9644	0.9862	0.8827	0.9120	0.7646	0.6734
45.6	0.9877	0.7519	0.9787	0.9868	0.9079	0.9577	0.7577	0.6736
45.7	0.9857	0.7179	0.9719	0.9857	0.9415	0.9386	0.7633	0.5067
45.8	0.9812	0.4187	0.9790	0.9826	0.9577	0.9615	0.6950	0.4520
45.9	0.9777	0.6600	0.9864	0.9778	0.9566	0.9754	0.7272	0.7423
46.0	0.9813	0.7121	0.9930	0.9826	0.9611	0.9781	0.7833	0.7928
46.1	0.9763	0.7872	0.9846	0.9780	0.9612	0.9731	0.7702	0.7353
46.2	0.9816	0.8971	0.9717	0.9812	0.9715	0.9330	0.7432	0.7224
46.3	0.9867	0.8332	0.9646	0.9857	0.9557	0.8728	0.7670	0.5063
46.4	0.9842	0.7900	0.9812	0.9826	0.9347	0.9289	0.7146	0.3788
46.5	0.9833	0.8422	0.9882	0.9858	0.9062	0.9453	0.6186	0.6514
46.6	0.9860	0.8774	0.9887	0.9860	0.9292	0.9590	0.6111	0.6547
46.7	0.9879	0.9082	0.9825	0.9849	0.9649	0.9488	0.6331	0.4879
46.8	0.9838	0.9308	0.9766	0.9805	0.9662	0.8498	0.5927	0.5881
46.9	0.9842	0.9057	0.9840	0.9815	0.9711	0.8468	0.6944	0.5331
47.0	0.9876	0.7340	0.9853	0.9855	0.9069	0.9097	0.7884	0.3684
47.1	0.9810	0.2326	0.9862	0.9781	0.8356	0.8233	0.7866	0.3050
47.2	0.9841	0.6206	0.9858	0.9809	0.9418	0.5532	0.7071	0.1988
47.3	0.9878	0.8850	0.9834	0.9856	0.9678	0.8403	0.7353	0.0320
47.4	0.9829	0.8595	0.9734	0.9826	0.9577	0.8180	0.6212	0.0865
47.5	0.9841	0.7653	0.9828	0.9826	0.9299	0.8993	0.5523	0.4284
47.6	0.9838	0.3609	0.9747	0.9843	0.8571	0.8890	0.6517	0.6669
47.7	0.9866	0.2123	0.9894	0.9873	0.9370	0.9247	0.6438	0.7892
47.8	0.9840	0.3801	0.9695	0.9848	0.9582	0.9260	0.5888	0.8492
47.9	0.9817	0.4719	0.9656	0.9825	0.9594	0.8691	0.5849	0.8359
48.0	0.9794	0.2958	0.9650	0.9790	0.9601	0.8771	0.4724	0.8679
48.1	0.9791	0.1278	0.9732	0.9791	0.9669	0.9119	0.3767	0.9224
48.2	0.9851	0.6915	0.9909	0.9856	0.9726	0.9190	0.3178	0.9011
48.3	0.9851	0.5156	0.9741	0.9862	0.9729	0.8947	0.1688	0.8738
48.4	0.9835	0.3096	0.9584	0.9843	0.9578	0.8684	0.1529	0.8381
48.5	0.9819	0.3734	0.9793	0.9811	0.9615	0.9309	0.1365	0.8668
48.6	0.9831	0.2576	0.9859	0.9823	0.9787	0.9570	0.1599	0.9023
48.7	0.9785	0.0212	0.9822	0.9777	0.9681	0.9407	0.1947	0.9075
48.8	0.9822	0.1160	0.9723	0.9811	0.9566	0.9233	0.2428	0.9033
48.9	0.9808	0.3348	0.9609	0.9784	0.8774	0.8643	0.5016	0.8810
49.0	0.9803	0.5208	0.9816	0.9758	0.8850	0.9092	0.4256	0.9161
49.1	0.9840	0.6634	0.9898	0.9813	0.9505	0.9060	0.4307	0.9164
49.2	0.9807	0.4815	0.9876	0.9780	0.9701	0.8414	0.5274	0.8454
49.3	0.9808	0.0819	0.9887	0.9786	0.9752	0.8815	0.3884	0.8503
49.4	0.9743	0.3441	0.9822	0.9707	0.9665	0.9233	0.2635	0.9107
49.5	0.9792	0.7050	0.9804	0.9773	0.9765	0.9269	0.4369	0.9260
49.6	0.9787	0.7755	0.9778	0.9747	0.9762	0.8916	0.5628	0.9184
49.7	0.9741	0.6717	0.9666	0.9722	0.9709	0.8425	0.3868	0.8793
49.8	0.9718	0.8457	0.9604	0.9707	0.9789	0.8867	0.4055	0.9057
49.9	0.9729	0.8455	0.9358	0.9727	0.9730	0.8327	0.5632	0.8998
50.0	0.9783	0.8998	0.9744	0.9752	0.9668	0.9041	0.6283	0.9288
50.1	0.9820	0.8813	0.9820	0.9798	0.9688	0.8800	0.6390	0.9258
50.2	0.9820	0.9080	0.9846	0.9808	0.9745	0.8788	0.7634	0.9326
50.3	0.9790	0.8994	0.9772	0.9782	0.9717	0.8342	0.7525	0.9336
50.4	0.9829	0.8678	0.9258	0.9808	0.9695	0.6523	0.7507	0.8993
50.5	0.9851	0.7450	0.9434	0.9829	0.9602	0.3235	0.6933	0.8803
50.6	0.9814	0.7712	0.9570	0.9805	0.9551	0.4126	0.7251	0.8930
50.7	0.9835	0.8404	0.9585	0.9801	0.9574	0.3652	0.7870	0.8949
50.8	0.9851	0.8644	0.9585	0.9807	0.9614	0.0326	0.7411	0.8802
50.9	0.9792	0.8096	0.9566	0.9758	0.9570	0.3603	0.7483	0.7987

51.0	0.9763	0.7365	0.9355	0.9710	0.9569	0.3273	0.7651	0.7502
51.1	0.9788	0.7603	0.9388	0.9758	0.9639	0.6680	0.7406	0.6161
51.2	0.9843	0.8912	0.9755	0.9833	0.9700	0.8367	0.7778	0.6903
51.3	0.9879	0.9357	0.9836	0.9869	0.9776	0.8598	0.7993	0.8278
51.4	0.9833	0.9246	0.9715	0.9818	0.9711	0.7223	0.7849	0.7585
51.5	0.9854	0.8712	0.9602	0.9830	0.9751	0.8101	0.8199	0.4768
51.6	0.9848	0.8926	0.9608	0.9810	0.9684	0.8570	0.7555	0.4575
51.7	0.9886	0.9191	0.9778	0.9867	0.9691	0.9156	0.7975	0.7545
51.8	0.9887	0.9304	0.9846	0.9883	0.9813	0.9343	0.8323	0.7964
51.9	0.9861	0.9138	0.9827	0.9840	0.9659	0.9158	0.7434	0.7227
52.0	0.9850	0.8662	0.9892	0.9841	0.9663	0.9286	0.7846	0.6703
52.1	0.9842	0.8122	0.9868	0.9835	0.9699	0.9270	0.7414	0.6458
52.2	0.9864	0.8964	0.9793	0.9840	0.9650	0.9431	0.6497	0.7536
52.3	0.9845	0.9238	0.9796	0.9818	0.9525	0.9334	0.6746	0.8098
52.4	0.9855	0.8928	0.9891	0.9841	0.9402	0.9381	0.7624	0.6918
52.5	0.9875	0.8919	0.9893	0.9859	0.9286	0.9450	0.7330	0.4968
52.6	0.9887	0.9127	0.9879	0.9860	0.9428	0.9511	0.6458	0.6201
52.7	0.9877	0.7999	0.9895	0.9833	0.9504	0.9498	0.6604	0.7005
52.8	0.9917	0.8459	0.9894	0.9904	0.9647	0.9715	0.7031	0.8433
52.9	0.9902	0.8025	0.9905	0.9878	0.9510	0.9750	0.6582	0.8721
53.0	0.9897	0.7189	0.9921	0.9878	0.9417	0.9721	0.6844	0.9049
53.1	0.9882	0.8578	0.9860	0.9845	0.8994	0.9581	0.6446	0.8928
53.2	0.9895	0.9204	0.9886	0.9865	0.9021	0.9660	0.6108	0.8906
53.3	0.9912	0.8737	0.9853	0.9887	0.9086	0.9623	0.5876	0.8640
53.4	0.9913	0.7748	0.9873	0.9883	0.8418	0.9576	0.4918	0.8307
53.5	0.9889	0.8180	0.9882	0.9871	0.7820	0.9709	0.3405	0.8662
53.6	0.9908	0.9180	0.9856	0.9864	0.8128	0.9742	0.2484	0.8951
53.7	0.9929	0.9495	0.9891	0.9881	0.8434	0.9736	0.1603	0.9327
53.8	0.9919	0.9363	0.9837	0.9900	0.8140	0.9587	0.1035	0.9195
53.9	0.9907	0.9481	0.9850	0.9907	0.8247	0.9643	0.1442	0.9310
54.0	0.9923	0.9613	0.9909	0.9907	0.8200	0.9782	0.1484	0.9526
54.1	0.9892	0.9008	0.9833	0.9863	0.8015	0.9782	0.1056	0.9390
54.2	0.9886	0.6437	0.9737	0.9823	0.8454	0.9605	0.1750	0.9207
54.3	0.9899	0.8212	0.9837	0.9822	0.8515	0.9641	0.4506	0.9249
54.4	0.9868	0.9532	0.9862	0.9820	0.8649	0.9761	0.6347	0.9442
54.5	0.9925	0.9765	0.9925	0.9870	0.8900	0.9858	0.7443	0.9593
54.6	0.9888	0.9696	0.9877	0.9835	0.8761	0.9802	0.7737	0.9709
54.7	0.9865	0.9416	0.9824	0.9811	0.8131	0.9689	0.6932	0.9570
54.8	0.9842	0.9052	0.9817	0.9717	0.7022	0.9629	0.5497	0.9247
54.9	0.9896	0.9606	0.9894	0.9822	0.6522	0.9797	0.7385	0.9583
55.0	0.9914	0.9696	0.9879	0.9855	0.5273	0.9799	0.8167	0.9742
55.1	0.9931	0.9719	0.9874	0.9815	0.4550	0.9760	0.8309	0.9732
55.2	0.9923	0.9751	0.9866	0.9778	0.3453	0.9766	0.8129	0.9712
55.3	0.9916	0.9765	0.9890	0.9813	0.3887	0.9812	0.7524	0.9697
55.4	0.9917	0.9665	0.9770	0.9848	0.4929	0.9605	0.7580	0.9617
55.5	0.9885	0.9484	0.9692	0.9818	0.5540	0.9440	0.7990	0.9511
55.6	0.9912	0.9678	0.9824	0.9845	0.5728	0.9701	0.8483	0.9698
55.7	0.9927	0.9803	0.9892	0.9853	0.6277	0.9824	0.8914	0.9719
55.8	0.9903	0.9795	0.9894	0.9829	0.7514	0.9845	0.8607	0.9719
55.9	0.9923	0.9790	0.9899	0.9802	0.6937	0.9828	0.8482	0.9750
56.0	0.9874	0.9443	0.9775	0.9744	0.4362	0.9695	0.7966	0.9575
56.1	0.9869	0.9527	0.9826	0.9778	0.4823	0.9763	0.8268	0.9590
56.2	0.9879	0.9717	0.9860	0.9732	0.6833	0.9739	0.8401	0.9583
56.3	0.9913	0.9821	0.9887	0.9699	0.7665	0.9844	0.8714	0.9712
56.4	0.9910	0.9815	0.9885	0.9673	0.7543	0.9818	0.8840	0.9672
56.5	0.9922	0.9843	0.9903	0.9664	0.6292	0.9817	0.8648	0.9639
56.6	0.9920	0.9857	0.9897	0.9633	0.5379	0.9850	0.8904	0.9643
56.7	0.9908	0.9867	0.9884	0.9447	0.4636	0.9853	0.9135	0.9715
56.8	0.9902	0.9826	0.9875	0.9331	0.4250	0.9812	0.9072	0.9595
56.9	0.9915	0.9837	0.9888	0.9525	0.5085	0.9831	0.9150	0.9675
57.0	0.9908	0.9798	0.9859	0.9448	0.5153	0.9754	0.8965	0.9621
57.1	0.9860	0.9616	0.9816	0.9061	0.4702	0.9693	0.8768	0.9589
57.2	0.9852	0.9484	0.9778	0.9113	0.3004	0.9626	0.8866	0.9568
57.3	0.9884	0.9667	0.9815	0.9089	0.0834	0.9697	0.8841	0.9601
57.4	0.9838	0.9665	0.9764	0.9120	0.1351	0.9703	0.8815	0.9623
57.5	0.9893	0.9797	0.9810	0.9243	0.3080	0.9690	0.9034	0.9703
57.6	0.9917	0.9830	0.9835	0.9439	0.5432	0.9672	0.9201	0.9658
57.7	0.9909	0.9848	0.9848	0.9504	0.7131	0.9720	0.9282	0.9662
57.8	0.9920	0.9839	0.9846	0.9359	0.6407	0.9741	0.9348	0.9677
57.9	0.9889	0.9730	0.9708	0.9435	0.5388	0.9604	0.9038	0.9454
58.0	0.9866	0.9751	0.9689	0.9399	0.7686	0.9641	0.9113	0.9487
58.1	0.9900	0.9792	0.9710	0.9485	0.8154	0.9512	0.9144	0.9526
58.2	0.9898	0.9733	0.9667	0.9501	0.8154	0.9276	0.9131	0.9376
58.3	0.9904	0.9731	0.9664	0.9620	0.8455	0.9437	0.9425	0.9519
58.4	0.9904	0.9850	0.9735	0.9640	0.8469	0.9612	0.9367	0.9500
58.5	0.9896	0.9799	0.9789	0.9544	0.8404	0.9556	0.9230	0.9349
58.6	0.9862	0.9756	0.9736	0.9473	0.8468	0.9437	0.9401	0.9420
58.7	0.9836	0.9789	0.9716	0.9433	0.8616	0.9362	0.9428	0.9496
58.8	0.9812	0.9757	0.9666	0.9339	0.8605	0.9211	0.9349	0.9408
58.9	0.9851	0.9829	0.9700	0.9408	0.8732	0.9404	0.9436	0.9502
59.0	0.9833	0.9770	0.9664	0.9496	0.8387	0.9179	0.9242	0.9325
59.1	0.9858	0.9802	0.9666	0.9572	0.8829	0.9277	0.9365	0.9452
59.2	0.9876	0.9817	0.9765	0.9721	0.9221	0.9355	0.9405	0.9376
59.3	0.9865	0.9819	0.9761	0.9718	0.8903	0.9222	0.9330	0.9392
59.4	0.9888	0.9813	0.9785	0.9676	0.9039	0.8856	0.9345	0.9312
59.5	0.9870	0.9729	0.9788	0.9568	0.9207	0.8650	0.9402	0.9272

59.6	0.9851	0.9757	0.9772	0.9600	0.9076	0.8752	0.9557	0.9324
59.7	0.9881	0.9768	0.9809	0.9721	0.9142	0.8858	0.9616	0.9382
59.8	0.9840	0.9737	0.9706	0.9696	0.8703	0.8170	0.9418	0.9196
59.9	0.9858	0.9728	0.9712	0.9668	0.8564	0.8474	0.9359	0.9010
60.0	0.9848	0.9792	0.9616	0.9590	0.8798	0.8500	0.9494	0.9306
60.1	0.9856	0.9810	0.9731	0.9766	0.8945	0.8086	0.9476	0.9307
60.2	0.9845	0.9835	0.9752	0.9801	0.8844	0.7891	0.9427	0.9247
60.3	0.9882	0.9791	0.9785	0.9740	0.9103	0.7321	0.9513	0.9263
60.4	0.9900	0.9800	0.9830	0.9803	0.9211	0.7193	0.9473	0.9179
60.5	0.9853	0.9791	0.9790	0.9805	0.8911	0.6816	0.9386	0.9032
60.6	0.9837	0.9728	0.9769	0.9749	0.8760	0.5340	0.9468	0.9114
60.7	0.9857	0.9775	0.9795	0.9807	0.9057	0.3781	0.9504	0.8961
60.8	0.9850	0.9729	0.9809	0.9826	0.9021	0.3681	0.9391	0.8481
60.9	0.9895	0.9784	0.9835	0.9807	0.8926	0.2783	0.9290	0.8572
61.0	0.9875	0.9751	0.9835	0.9744	0.9174	0.1258	0.9382	0.8602
61.1	0.9853	0.9713	0.9803	0.9713	0.9272	0.1566	0.9352	0.8431
61.2	0.9837	0.9710	0.9759	0.9730	0.9237	0.1211	0.9393	0.8340
61.3	0.9864	0.9759	0.9791	0.9822	0.9294	0.0968	0.9521	0.8717
61.4	0.9773	0.9591	0.9677	0.9731	0.8916	0.0392	0.9442	0.8367
61.5	0.9802	0.9544	0.9696	0.9687	0.9176	0.1159	0.9349	0.7890
61.6	0.9855	0.9701	0.9796	0.9768	0.9466	0.3454	0.9478	0.7760
61.7	0.9831	0.9601	0.9754	0.9704	0.9348	0.2572	0.9331	0.7590
61.8	0.9841	0.9637	0.9740	0.9674	0.9179	0.2719	0.9335	0.7508
61.9	0.9817	0.9636	0.9776	0.9724	0.9317	0.4054	0.9335	0.7813
62.0	0.9775	0.9600	0.9754	0.9722	0.9200	0.3890	0.9437	0.8141
62.1	0.9765	0.9547	0.9784	0.9713	0.9337	0.4338	0.9249	0.7885
62.2	0.9864	0.9661	0.9833	0.9784	0.9531	0.5261	0.9474	0.7737
62.3	0.9868	0.9496	0.9809	0.9706	0.9269	0.5050	0.9457	0.7396
62.4	0.9807	0.9369	0.9782	0.9672	0.9342	0.5005	0.9482	0.7991
62.5	0.9843	0.9533	0.9826	0.9708	0.9595	0.6002	0.9632	0.7972
62.6	0.9853	0.9509	0.9834	0.9719	0.9564	0.6505	0.9528	0.7648
62.7	0.9808	0.9441	0.9802	0.9632	0.9522	0.6983	0.9318	0.7035
62.8	0.9768	0.9466	0.9820	0.9445	0.9629	0.6972	0.9383	0.6857
62.9	0.9746	0.9413	0.9821	0.9517	0.9594	0.6715	0.9366	0.6978
63.0	0.9786	0.9327	0.9815	0.9577	0.9472	0.6928	0.9286	0.7108
63.1	0.9816	0.9388	0.9826	0.9528	0.9551	0.6062	0.9439	0.6763
63.2	0.9777	0.9164	0.9792	0.9502	0.9409	0.5880	0.9401	0.6473
63.3	0.9729	0.9272	0.9752	0.9477	0.9395	0.5982	0.9297	0.6068
63.4	0.9727	0.9300	0.9796	0.9462	0.9463	0.6477	0.9348	0.6051
63.5	0.9750	0.9416	0.9853	0.9457	0.9627	0.7198	0.9480	0.6266
63.6	0.9751	0.9001	0.9827	0.9345	0.9488	0.7307	0.9419	0.5855
63.7	0.9786	0.8976	0.9775	0.9269	0.9486	0.7374	0.9497	0.4071
63.8	0.9780	0.9139	0.9799	0.9002	0.9567	0.6718	0.9486	0.4555
63.9	0.9739	0.8849	0.9760	0.9032	0.9440	0.6026	0.9376	0.5113
64.0	0.9751	0.8667	0.9710	0.8788	0.9378	0.5838	0.9349	0.4043
64.1	0.9735	0.8852	0.9745	0.8675	0.9466	0.6642	0.9288	0.3314
64.2	0.9648	0.8823	0.9754	0.8695	0.9423	0.6369	0.9317	0.1673
64.3	0.9710	0.9091	0.9769	0.8548	0.9516	0.6756	0.9335	0.2618
64.4	0.9656	0.8927	0.9732	0.8652	0.9428	0.6575	0.9325	0.2443
64.5	0.9663	0.8764	0.9716	0.8197	0.9378	0.6693	0.8918	0.0739
64.6	0.9678	0.8778	0.9751	0.8179	0.9491	0.6446	0.9103	0.1188
64.7	0.9747	0.8721	0.9805	0.8661	0.9487	0.6965	0.8980	0.0242
64.8	0.9762	0.8885	0.9789	0.8875	0.9535	0.6974	0.9059	0.0164
64.9	0.9740	0.8986	0.9771	0.9027	0.9551	0.7349	0.9122	0.0981
65.0	0.9749	0.9091	0.9811	0.9135	0.9630	0.7251	0.9168	0.0967
65.1	0.9675	0.8593	0.9678	0.8575	0.9388	0.5376	0.8981	0.0648
65.2	0.9489	0.8389	0.9627	0.8228	0.9261	0.4586	0.8558	0.0561
65.3	0.9677	0.8781	0.9747	0.9016	0.9517	0.5952	0.8659	0.1383
65.4	0.9776	0.8955	0.9690	0.9317	0.9594	0.6390	0.8846	0.2219
65.5	0.9727	0.8813	0.9634	0.9099	0.9596	0.5703	0.8529	0.3170
65.6	0.9717	0.8562	0.9653	0.9027	0.9484	0.5555	0.8359	0.3856
65.7	0.9664	0.8618	0.9589	0.8784	0.9449	0.4656	0.8037	0.3694
65.8	0.9720	0.8812	0.9542	0.8887	0.9589	0.4329	0.7824	0.3852
65.9	0.9608	0.8546	0.9448	0.8884	0.9527	0.4268	0.7039	0.4020
66.0	0.9561	0.8535	0.9551	0.9091	0.9493	0.5259	0.7252	0.4731
66.1	0.9586	0.8845	0.9540	0.9260	0.9606	0.4552	0.7914	0.3989
66.2	0.9477	0.8671	0.9153	0.8851	0.9563	0.4330	0.7217	0.4631
66.3	0.9503	0.8906	0.9405	0.9220	0.9726	0.5006	0.7624	0.4909
66.4	0.9542	0.8738	0.9454	0.9385	0.9678	0.3765	0.7273	0.3994
66.5	0.9485	0.8605	0.9331	0.9167	0.9573	0.3023	0.6085	0.5156
66.6	0.9506	0.8915	0.9164	0.9177	0.9649	0.3754	0.6358	0.5596
66.7	0.9486	0.9334	0.9387	0.9396	0.9755	0.3000	0.7201	0.5076
66.8	0.9311	0.9132	0.9138	0.9348	0.9726	0.2765	0.6967	0.4398
66.9	0.9304	0.9048	0.8852	0.9347	0.9636	0.3370	0.6373	0.4785
67.0	0.9380	0.9189	0.8656	0.9141	0.9624	0.3364	0.5712	0.5263
67.1	0.9343	0.9239	0.8489	0.9172	0.9633	0.2682	0.5783	0.4144
67.2	0.9510	0.9443	0.8722	0.9316	0.9711	0.2468	0.6619	0.4551
67.3	0.9503	0.9532	0.8293	0.9334	0.9741	0.3927	0.6779	0.5056
67.4	0.9393	0.9546	0.8336	0.9130	0.9683	0.2768	0.7143	0.5391
67.5	0.9251	0.9538	0.8203	0.8933	0.9635	0.1586	0.5752	0.5141
67.6	0.9378	0.9387	0.7949	0.9023	0.9497	0.2333	0.5377	0.5010
67.7	0.9487	0.9512	0.7731	0.9180	0.9621	0.3720	0.6638	0.5239
67.8	0.9544	0.9600	0.7950	0.9356	0.9682	0.4249	0.7198	0.4883
67.9	0.9410	0.9579	0.7261	0.9279	0.9628	0.3997	0.6103	0.3539
68.0	0.9339	0.9407	0.7519	0.9195	0.9490	0.2033	0.5698	0.2085
68.1	0.9464	0.9456	0.7324	0.9094	0.9395	0.3315	0.4818	0.3006

68.2	0.9470	0.9560	0.7389	0.9096	0.9158	0.3803	0.3652	0.4702
68.3	0.9432	0.9423	0.6868	0.9008	0.9094	0.3430	0.2215	0.4214
68.4	0.9544	0.9505	0.7401	0.9019	0.9209	0.3967	0.1382	0.4755
68.5	0.9321	0.9347	0.7454	0.8903	0.9081	0.3774	0.1439	0.4251
68.6	0.9095	0.9013	0.6818	0.8660	0.8814	0.2627	0.1832	0.4217
68.7	0.9235	0.8973	0.6683	0.8749	0.8789	0.3869	0.2238	0.3635
68.8	0.9359	0.9018	0.6481	0.8739	0.8712	0.4230	0.2379	0.2585
68.9	0.9392	0.9053	0.7263	0.8899	0.8578	0.5564	0.1814	0.2763
69.0	0.9561	0.9449	0.8014	0.9117	0.8940	0.6879	0.2189	0.4164
69.1	0.9489	0.9325	0.8123	0.9034	0.8758	0.7055	0.1060	0.5259
69.2	0.9496	0.9022	0.8311	0.9094	0.8767	0.6939	0.0694	0.4273
69.3	0.9374	0.8765	0.8321	0.8944	0.7959	0.6986	0.0823	0.3367
69.4	0.9165	0.8544	0.8131	0.8708	0.6986	0.6937	0.0153	0.4141
69.5	0.9165	0.8377	0.8217	0.8741	0.5562	0.7328	0.0170	0.3567
69.6	0.9341	0.8486	0.8446	0.8802	0.5357	0.7671	0.0023	0.3762
69.7	0.9360	0.8601	0.8462	0.8866	0.5228	0.7812	0.0537	0.4448
69.8	0.9423	0.8804	0.8693	0.9043	0.5898	0.8325	0.1799	0.3965
69.9	0.9344	0.8908	0.8755	0.8924	0.6013	0.8303	0.1830	0.3718
70.0	0.9413	0.8797	0.8906	0.9007	0.5730	0.8489	0.1992	0.2797
70.1	0.9416	0.8451	0.8896	0.9072	0.4402	0.8628	0.3583	0.3509
70.2	0.9325	0.8887	0.8888	0.8965	0.4501	0.8571	0.4664	0.3226
70.3	0.9365	0.9150	0.9067	0.9032	0.4836	0.8725	0.5886	0.4374
70.4	0.9436	0.9182	0.9181	0.9088	0.5334	0.8887	0.5669	0.3845
70.5	0.9189	0.9047	0.9043	0.8840	0.5129	0.8679	0.4823	0.2830
70.6	0.9188	0.8862	0.9093	0.8898	0.3500	0.8725	0.5143	0.3346
70.7	0.9186	0.8915	0.9054	0.8870	0.4307	0.8761	0.4975	0.2226
70.8	0.9134	0.8977	0.9211	0.8959	0.5361	0.8984	0.5554	0.1689
70.9	0.9016	0.8733	0.9189	0.8685	0.5606	0.8811	0.5706	0.2038
71.0	0.9057	0.8850	0.9228	0.8801	0.5881	0.8890	0.6629	0.2463
71.1	0.9198	0.9208	0.9465	0.9122	0.5111	0.9188	0.6750	0.2613
71.2	0.9276	0.9491	0.9595	0.9312	0.4412	0.9391	0.7288	0.2926
71.3	0.8812	0.9357	0.9437	0.9007	0.4693	0.9143	0.6913	0.2332
71.4	0.8657	0.8990	0.9364	0.8851	0.4652	0.9077	0.6307	0.3321
71.5	0.8908	0.9277	0.9491	0.8997	0.6065	0.9281	0.6852	0.3446
71.6	0.9016	0.9461	0.9583	0.9189	0.6381	0.9414	0.6741	0.3680
71.7	0.8376	0.8994	0.9487	0.8990	0.6540	0.9248	0.6140	0.2439
71.8	0.8186	0.8728	0.9495	0.8995	0.7009	0.9216	0.6164	0.2178
71.9	0.7897	0.8681	0.9436	0.8845	0.7073	0.9169	0.5174	0.1761
72.0	0.7957	0.8622	0.9473	0.8801	0.6868	0.9268	0.5754	0.2753
72.1	0.7936	0.8991	0.9601	0.9013	0.7287	0.9374	0.5628	0.1182
72.2	0.7652	0.9000	0.9588	0.9047	0.8011	0.9338	0.6079	0.2117
72.3	0.7621	0.9060	0.9687	0.9255	0.8387	0.9517	0.6035	0.2388
72.4	0.7375	0.9267	0.9732	0.9386	0.8281	0.9622	0.6388	0.1893
72.5	0.6934	0.9257	0.9751	0.9434	0.8701	0.9629	0.5801	0.2044
72.6	0.5876	0.9092	0.9732	0.9339	0.8491	0.9549	0.5988	0.1346
72.7	0.5038	0.8612	0.9673	0.9042	0.8045	0.9417	0.5773	0.1110
72.8	0.5058	0.8792	0.9761	0.9212	0.8161	0.9573	0.6369	0.0658
72.9	0.3730	0.8830	0.9779	0.9322	0.8504	0.9599	0.6447	0.0664
73.0	0.2781	0.8952	0.9733	0.9231	0.8413	0.9608	0.6385	0.0746
73.1	0.1832	0.8976	0.9660	0.9082	0.8301	0.9451	0.5473	0.1483
73.2	0.0524	0.8801	0.9651	0.8959	0.8025	0.9469	0.5182	0.1943
73.3	0.1174	0.9181	0.9727	0.9109	0.8312	0.9589	0.6090	0.2094
73.4	0.1705	0.8954	0.9669	0.8930	0.7544	0.9518	0.6102	0.1989
73.5	0.3013	0.9022	0.9692	0.9112	0.8224	0.9547	0.6087	0.2991
73.6	0.4703	0.9275	0.9731	0.9194	0.8501	0.9638	0.6154	0.4375
73.7	0.3896	0.9002	0.9669	0.9192	0.8034	0.9520	0.4513	0.2747
73.8	0.4719	0.9034	0.9603	0.8909	0.8049	0.9537	0.4520	0.2106
73.9	0.4842	0.9001	0.9580	0.8734	0.8009	0.9485	0.4371	0.2748
74.0	0.4440	0.9145	0.9651	0.8900	0.8506	0.9466	0.4662	0.3454
74.1	0.5043	0.8983	0.9590	0.8807	0.8347	0.9371	0.4986	0.4183
74.2	0.4056	0.8731	0.9576	0.8767	0.7235	0.9239	0.4051	0.3126
74.3	0.5225	0.8960	0.9595	0.8955	0.7270	0.9290	0.5332	0.2898
74.4	0.5419	0.8917	0.9510	0.8740	0.7309	0.9222	0.4410	0.2659
74.5	0.3530	0.8474	0.9450	0.8774	0.7453	0.9338	0.3452	0.3617
74.6	0.3966	0.8588	0.9492	0.8800	0.7612	0.9363	0.3648	0.2764
74.7	0.5016	0.8519	0.9443	0.8858	0.7623	0.9303	0.2618	0.2526
74.8	0.6057	0.8763	0.9511	0.8825	0.8054	0.9396	0.4054	0.3398
74.9	0.5567	0.8608	0.9327	0.8894	0.7842	0.9208	0.4640	0.4126
75.0	0.5228	0.8570	0.9161	0.8717	0.7597	0.8999	0.3799	0.4519
75.1	0.5398	0.8834	0.9447	0.8656	0.8320	0.9217	0.4788	0.5198
75.2	0.5289	0.8751	0.9359	0.8242	0.8163	0.8887	0.4018	0.4581
75.3	0.5459	0.8546	0.9310	0.8352	0.7532	0.9055	0.2502	0.4330
75.4	0.6100	0.8205	0.9142	0.8044	0.7832	0.8576	0.1859	0.4569
75.5	0.6456	0.8212	0.9071	0.8303	0.7691	0.8324	0.3759	0.2983
75.6	0.6097	0.8340	0.9114	0.8651	0.7623	0.8478	0.4281	0.2313
75.7	0.6723	0.8739	0.9296	0.8732	0.7864	0.8679	0.4076	0.2522
75.8	0.6708	0.8677	0.9124	0.8388	0.8239	0.8592	0.3793	0.3095
75.9	0.6934	0.8489	0.9003	0.8345	0.7644	0.8550	0.2480	0.2579
76.0	0.6977	0.8569	0.9058	0.8723	0.8010	0.8563	0.1836	0.2448
76.1	0.7158	0.8139	0.9022	0.8420	0.7709	0.7972	0.1685	0.3015
76.2	0.6879	0.7863	0.8714	0.8772	0.7527	0.7747	0.2605	0.3066
76.3	0.6436	0.7591	0.8416	0.8251	0.7197	0.7220	0.2454	0.2893
76.4	0.6753	0.8182	0.8726	0.8049	0.7872	0.7698	0.2897	0.2708
76.5	0.7445	0.8490	0.8989	0.8350	0.8240	0.7836	0.3169	0.2972
76.6	0.8180	0.8843	0.9331	0.8712	0.8512	0.8212	0.2809	0.3775
76.7	0.8302	0.8754	0.9280	0.8631	0.8205	0.7789	0.3420	0.2541

76.8	0.8106	0.8467	0.9177	0.8283	0.7726	0.6671	0.3181	0.2386
76.9	0.7972	0.8388	0.9129	0.8525	0.7861	0.6090	0.1657	0.3593
77.0	0.8089	0.8428	0.9004	0.8355	0.8076	0.6022	0.1740	0.4253
77.1	0.8516	0.8715	0.9076	0.8199	0.8620	0.6630	0.1211	0.4483
77.2	0.8870	0.8909	0.9340	0.8496	0.8518	0.6587	0.1882	0.3540
77.3	0.8956	0.9105	0.9404	0.8612	0.8810	0.7461	0.3012	0.5202
77.4	0.9000	0.9180	0.9466	0.8515	0.8844	0.7484	0.3487	0.5517
77.5	0.8827	0.8918	0.9233	0.7709	0.8622	0.6761	0.3153	0.5097
77.6	0.9053	0.8945	0.9349	0.8402	0.8630	0.6820	0.1908	0.5863
77.7	0.8955	0.8896	0.9297	0.7871	0.8595	0.6801	0.2332	0.4970
77.8	0.9084	0.9236	0.9383	0.7045	0.8938	0.7730	0.2904	0.6344
77.9	0.9284	0.9338	0.9481	0.7464	0.8937	0.8184	0.2682	0.6760
78.0	0.9080	0.9187	0.9445	0.7029	0.8919	0.8041	0.1268	0.6647
78.1	0.9115	0.9176	0.9434	0.5692	0.8967	0.7849	0.1073	0.6062
78.2	0.9083	0.9072	0.9527	0.5276	0.8699	0.7568	0.0960	0.5954
78.3	0.9407	0.9331	0.9583	0.5737	0.8880	0.7945	0.2007	0.6211
78.4	0.9356	0.9308	0.9582	0.6698	0.9114	0.8202	0.2751	0.6810
78.5	0.9328	0.9340	0.9601	0.4850	0.9182	0.8418	0.3073	0.7268
78.6	0.9448	0.9542	0.9634	0.5074	0.9416	0.8999	0.4115	0.7329
78.7	0.9530	0.9592	0.9660	0.4339	0.9590	0.9048	0.4093	0.7558
78.8	0.9536	0.9555	0.9651	0.2948	0.9465	0.8658	0.3755	0.7444
78.9	0.9460	0.9450	0.9543	0.2866	0.9351	0.8334	0.4745	0.7189
79.0	0.9371	0.9446	0.9515	0.4363	0.9382	0.8529	0.5027	0.6753
79.1	0.9359	0.9468	0.9530	0.5995	0.9437	0.8448	0.4651	0.5085
79.2	0.9490	0.9553	0.9627	0.7394	0.9519	0.8751	0.5985	0.5949
79.3	0.9397	0.9500	0.9635	0.8183	0.9498	0.8800	0.6920	0.6501
79.4	0.9182	0.9279	0.9550	0.7876	0.9177	0.8272	0.5332	0.5101
79.5	0.9453	0.9503	0.9624	0.8318	0.9391	0.8307	0.4844	0.5615
79.6	0.9619	0.9639	0.9652	0.8968	0.9637	0.8755	0.5842	0.5453
79.7	0.9576	0.9608	0.9701	0.8944	0.9598	0.8775	0.5274	0.5838
79.8	0.9582	0.9588	0.9709	0.9017	0.9557	0.8593	0.5302	0.5280
79.9	0.9663	0.9657	0.9690	0.9176	0.9652	0.8721	0.5130	0.5508
80.0	0.9598	0.9615	0.9532	0.8909	0.9690	0.8684	0.4207	0.4021

2.2.36 Run 3 – IP315-200 – Accels 41–47

In-plane shaking at 315° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9968	0.9955	0.9861	0.9954	0.9967	0.8937	0.9044
0.1	0.9866	0.9787	0.9362	0.9816	0.9846	0.7633	0.8300
0.2	0.0053	0.0265	0.0212	0.0271	0.0338	0.0348	0.0074
0.3	0.0021	0.0047	0.0734	0.0189	0.0225	0.0024	0.0353
0.4	0.0010	0.0213	0.0071	0.0264	0.0174	0.0260	0.0062
0.5	0.0073	0.0330	0.0676	0.0904	0.0570	0.0270	0.1300
0.6	0.2948	0.4755	0.0757	0.3393	0.4347	0.0279	0.4138
0.7	0.6739	0.7576	0.0665	0.7049	0.7792	0.0079	0.6000
0.8	0.7689	0.7931	0.2261	0.8005	0.8099	0.0039	0.7940
0.9	0.9107	0.7895	0.3720	0.9073	0.8068	0.0299	0.8165
1.0	0.8893	0.5402	0.2500	0.8639	0.5650	0.0115	0.7592
1.1	0.7107	0.2841	0.1915	0.6844	0.3202	0.0229	0.5970
1.2	0.9093	0.4506	0.4160	0.8453	0.4683	0.0088	0.7971
1.3	0.9017	0.4582	0.7022	0.8994	0.4915	0.0485	0.8933
1.4	0.8471	0.1735	0.8940	0.7071	0.2358	0.1667	0.9004
1.5	0.8500	0.4942	0.9632	0.7367	0.5227	0.1647	0.9038
1.6	0.8927	0.8081	0.9723	0.9100	0.8199	0.2541	0.9279
1.7	0.9630	0.8669	0.9693	0.9757	0.8667	0.3883	0.8463
1.8	0.9645	0.8603	0.9716	0.9801	0.8603	0.5913	0.8521
1.9	0.9468	0.8295	0.9741	0.9708	0.8314	0.7897	0.8342
2.0	0.9119	0.8755	0.9442	0.9358	0.8768	0.8650	0.8862
2.1	0.8575	0.9043	0.8971	0.8685	0.9043	0.8935	0.9191
2.2	0.8232	0.9167	0.8558	0.8290	0.9174	0.8415	0.9287
2.3	0.3507	0.8153	0.3955	0.3538	0.8286	0.3943	0.7708
2.4	0.6855	0.8304	0.6192	0.6851	0.8584	0.5863	0.7079
2.5	0.9417	0.9252	0.8987	0.9401	0.9329	0.8709	0.9100
2.6	0.9843	0.9626	0.9570	0.9839	0.9660	0.9222	0.9607
2.7	0.9896	0.9716	0.9491	0.9893	0.9743	0.8979	0.9716
2.8	0.9903	0.9719	0.9089	0.9902	0.9741	0.8669	0.9718
2.9	0.9947	0.9703	0.8483	0.9938	0.9722	0.8112	0.9700
3.0	0.9973	0.9679	0.7106	0.9965	0.9704	0.7271	0.9671
3.1	0.9976	0.9736	0.4711	0.9972	0.9751	0.5159	0.9721
3.2	0.9983	0.9851	0.8430	0.9983	0.9862	0.1244	0.9844
3.3	0.9991	0.9867	0.9444	0.9990	0.9877	0.1488	0.9861
3.4	0.9984	0.9833	0.9423	0.9984	0.9846	0.4142	0.9824
3.5	0.9994	0.9859	0.9780	0.9993	0.9871	0.8398	0.9845
3.6	0.9992	0.9818	0.9793	0.9991	0.9834	0.8934	0.9790
3.7	0.9995	0.9878	0.9892	0.9994	0.9890	0.9269	0.9853
3.8	0.9996	0.9886	0.9902	0.9995	0.9896	0.9325	0.9857
3.9	0.9996	0.9885	0.9914	0.9994	0.9894	0.9655	0.9850
4.0	0.9998	0.9890	0.9954	0.9996	0.9898	0.9791	0.9850
4.1	0.9995	0.9893	0.9931	0.9994	0.9901	0.9719	0.9857
4.2	0.9995	0.9891	0.9943	0.9992	0.9901	0.9771	0.9846
4.3	0.9992	0.9900	0.9955	0.9987	0.9908	0.9845	0.9847
4.4	0.9991	0.9926	0.9956	0.9988	0.9933	0.9895	0.9885
4.5	0.9992	0.9963	0.9958	0.9991	0.9967	0.9888	0.9933
4.6	0.9992	0.9959	0.9963	0.9991	0.9962	0.9909	0.9924
4.7	0.9989	0.9952	0.9957	0.9988	0.9956	0.9900	0.9905
4.8	0.9985	0.9959	0.9953	0.9985	0.9963	0.9858	0.9907
4.9	0.9988	0.9954	0.9944	0.9989	0.9958	0.9880	0.9886
5.0	0.9988	0.9957	0.9967	0.9989	0.9960	0.9910	0.9884
5.1	0.9986	0.9951	0.9948	0.9988	0.9956	0.9889	0.9845
5.2	0.9987	0.9954	0.9962	0.9989	0.9959	0.9921	0.9846
5.3	0.9989	0.9959	0.9971	0.9992	0.9962	0.9937	0.9855
5.4	0.9989	0.9951	0.9971	0.9990	0.9952	0.9940	0.9838
5.5	0.9990	0.9948	0.9976	0.9991	0.9951	0.9954	0.9805
5.6	0.9988	0.9920	0.9964	0.9989	0.9925	0.9940	0.9691
5.7	0.9981	0.9915	0.9947	0.9981	0.9922	0.9926	0.9670
5.8	0.9978	0.9938	0.9963	0.9979	0.9943	0.9949	0.9742
5.9	0.9972	0.9924	0.9964	0.9976	0.9929	0.9951	0.9654
6.0	0.9972	0.9929	0.9941	0.9978	0.9933	0.9936	0.9591
6.1	0.9981	0.9926	0.9955	0.9984	0.9931	0.9942	0.9578
6.2	0.9988	0.9929	0.9952	0.9989	0.9935	0.9935	0.9510
6.3	0.9986	0.9925	0.9935	0.9987	0.9929	0.9917	0.9425
6.4	0.9979	0.9943	0.9910	0.9985	0.9946	0.9891	0.9558
6.5	0.9976	0.9942	0.9880	0.9983	0.9945	0.9853	0.9474
6.6	0.9970	0.9949	0.9879	0.9978	0.9952	0.9859	0.9432
6.7	0.9969	0.9948	0.9841	0.9979	0.9951	0.9821	0.9347
6.8	0.9966	0.9939	0.9814	0.9974	0.9946	0.9791	0.9191
6.9	0.9963	0.9956	0.9663	0.9973	0.9961	0.9639	0.9321
7.0	0.9958	0.9965	0.9289	0.9953	0.9970	0.9241	0.9234
7.1	0.9910	0.9965	0.8653	0.9888	0.9966	0.8611	0.8222
7.2	0.9913	0.9963	0.8929	0.9880	0.9963	0.8928	0.6220
7.3	0.9957	0.9964	0.9677	0.9942	0.9962	0.9684	0.5273
7.4	0.9959	0.9963	0.9314	0.9935	0.9965	0.9349	0.3340
7.5	0.9936	0.9976	0.9321	0.9913	0.9975	0.9405	0.3666
7.6	0.9931	0.9973	0.9605	0.9922	0.9974	0.9683	0.5011
7.7	0.9925	0.9965	0.9732	0.9922	0.9969	0.9794	0.5897
7.8	0.9947	0.9969	0.9901	0.9942	0.9974	0.9924	0.7777
7.9	0.9946	0.9984	0.9896	0.9937	0.9984	0.9920	0.8623

8.0	0.9920	0.9982	0.9744	0.9908	0.9984	0.9815	0.9140
8.1	0.9926	0.9984	0.9847	0.9924	0.9987	0.9891	0.9561
8.2	0.9937	0.9985	0.9758	0.9934	0.9984	0.9850	0.9582
8.3	0.9950	0.9990	0.9776	0.9944	0.9988	0.9870	0.9769
8.4	0.9963	0.9992	0.9749	0.9956	0.9990	0.9849	0.9858
8.5	0.9957	0.9990	0.9701	0.9948	0.9989	0.9799	0.9799
8.6	0.9951	0.9987	0.9825	0.9950	0.9989	0.9861	0.9826
8.7	0.9976	0.9991	0.9868	0.9975	0.9992	0.9887	0.9899
8.8	0.9970	0.9988	0.9734	0.9965	0.9990	0.9730	0.9863
8.9	0.9960	0.9987	0.9761	0.9951	0.9988	0.9750	0.9892
9.0	0.9923	0.9977	0.9540	0.9900	0.9981	0.9530	0.9858
9.1	0.9943	0.9976	0.9764	0.9928	0.9978	0.9786	0.9899
9.2	0.9892	0.9959	0.9446	0.9838	0.9973	0.9473	0.9819
9.3	0.9865	0.9947	0.9348	0.9756	0.9965	0.9389	0.9820
9.4	0.9917	0.9975	0.9669	0.9838	0.9982	0.9710	0.9892
9.5	0.9949	0.9986	0.9814	0.9894	0.9987	0.9849	0.9942
9.6	0.9943	0.9989	0.9871	0.9881	0.9990	0.9897	0.9958
9.7	0.9953	0.9992	0.9923	0.9907	0.9991	0.9942	0.9949
9.8	0.9963	0.9993	0.9960	0.9930	0.9993	0.9973	0.9954
9.9	0.9957	0.9988	0.9968	0.9925	0.9988	0.9977	0.9953
10.0	0.9915	0.9978	0.9959	0.9888	0.9976	0.9969	0.9936
10.1	0.9937	0.9982	0.9963	0.9917	0.9981	0.9976	0.9947
10.2	0.9961	0.9986	0.9968	0.9950	0.9983	0.9978	0.9968
10.3	0.9974	0.9988	0.9964	0.9968	0.9984	0.9979	0.9956
10.4	0.9976	0.9991	0.9975	0.9975	0.9991	0.9985	0.9963
10.5	0.9978	0.9987	0.9969	0.9977	0.9986	0.9985	0.9975
10.6	0.9983	0.9985	0.9972	0.9986	0.9985	0.9985	0.9966
10.7	0.9981	0.9984	0.9979	0.9984	0.9983	0.9989	0.9966
10.8	0.9979	0.9987	0.9974	0.9982	0.9984	0.9986	0.9967
10.9	0.9976	0.9985	0.9972	0.9980	0.9983	0.9983	0.9965
11.0	0.9976	0.9985	0.9969	0.9978	0.9985	0.9981	0.9960
11.1	0.9974	0.9986	0.9970	0.9976	0.9984	0.9983	0.9960
11.2	0.9979	0.9987	0.9971	0.9983	0.9987	0.9983	0.9959
11.3	0.9972	0.9982	0.9955	0.9979	0.9982	0.9980	0.9972
11.4	0.9976	0.9985	0.9963	0.9979	0.9985	0.9981	0.9973
11.5	0.9974	0.9986	0.9953	0.9975	0.9986	0.9979	0.9969
11.6	0.9965	0.9980	0.9948	0.9964	0.9982	0.9975	0.9959
11.7	0.9975	0.9984	0.9949	0.9976	0.9985	0.9977	0.9968
11.8	0.9962	0.9973	0.9930	0.9965	0.9975	0.9969	0.9943
11.9	0.9954	0.9972	0.9907	0.9955	0.9973	0.9966	0.9962
12.0	0.9961	0.9977	0.9898	0.9964	0.9978	0.9970	0.9963
12.1	0.9953	0.9971	0.9896	0.9960	0.9973	0.9964	0.9955
12.2	0.9943	0.9960	0.9861	0.9944	0.9960	0.9950	0.9945
12.3	0.9938	0.9946	0.9762	0.9939	0.9947	0.9953	0.9925
12.4	0.9925	0.9934	0.9672	0.9935	0.9939	0.9944	0.9916
12.5	0.9905	0.9928	0.9495	0.9928	0.9933	0.9939	0.9918
12.6	0.9892	0.9940	0.9317	0.9919	0.9944	0.9936	0.9933
12.7	0.9843	0.9921	0.9174	0.9896	0.9926	0.9922	0.9912
12.8	0.9791	0.9921	0.9250	0.9851	0.9922	0.9884	0.9909
12.9	0.9785	0.9926	0.9537	0.9844	0.9924	0.9867	0.9903
13.0	0.9854	0.9919	0.9473	0.9871	0.9916	0.9897	0.9891
13.1	0.9850	0.9902	0.9543	0.9842	0.9897	0.9875	0.9865
13.2	0.9776	0.9856	0.9439	0.9727	0.9854	0.9817	0.9814
13.3	0.9695	0.9752	0.9272	0.9535	0.9748	0.9737	0.9718
13.4	0.9620	0.9689	0.9162	0.9249	0.9682	0.9721	0.9664
13.5	0.9606	0.9678	0.9284	0.9285	0.9676	0.9717	0.9634
13.6	0.9452	0.9630	0.9161	0.9125	0.9633	0.9669	0.9612
13.7	0.9516	0.9788	0.9458	0.9351	0.9792	0.9659	0.9792
13.8	0.9487	0.9836	0.9466	0.9347	0.9839	0.9606	0.9833
13.9	0.9288	0.9847	0.9313	0.9179	0.9849	0.9382	0.9842
14.0	0.8974	0.9847	0.8930	0.8854	0.9850	0.9136	0.9863
14.1	0.9161	0.9871	0.9076	0.9088	0.9872	0.9318	0.9895
14.2	0.9093	0.9806	0.8939	0.9036	0.9804	0.9270	0.9856
14.3	0.9342	0.9881	0.9141	0.9300	0.9879	0.9491	0.9923
14.4	0.9230	0.9849	0.8929	0.9196	0.9842	0.9429	0.9914
14.5	0.9507	0.9905	0.9214	0.9498	0.9898	0.9653	0.9943
14.6	0.9604	0.9919	0.9354	0.9593	0.9914	0.9724	0.9951
14.7	0.9708	0.9940	0.9561	0.9698	0.9934	0.9815	0.9962
14.8	0.9693	0.9954	0.9629	0.9680	0.9944	0.9832	0.9961
14.9	0.9781	0.9968	0.9705	0.9776	0.9962	0.9883	0.9978
15.0	0.9846	0.9969	0.9736	0.9841	0.9964	0.9913	0.9983
15.1	0.9849	0.9967	0.9695	0.9843	0.9962	0.9909	0.9980
15.2	0.9880	0.9968	0.9705	0.9878	0.9964	0.9929	0.9988
15.3	0.9895	0.9967	0.9733	0.9895	0.9964	0.9945	0.9990
15.4	0.9904	0.9970	0.9757	0.9904	0.9965	0.9950	0.9989
15.5	0.9923	0.9968	0.9714	0.9924	0.9963	0.9950	0.9991
15.6	0.9946	0.9973	0.9770	0.9945	0.9969	0.9963	0.9993
15.7	0.9928	0.9965	0.9698	0.9929	0.9960	0.9955	0.9992
15.8	0.9867	0.9955	0.9520	0.9871	0.9948	0.9936	0.9988
15.9	0.9925	0.9969	0.9708	0.9923	0.9964	0.9961	0.9993
16.0	0.9942	0.9973	0.9747	0.9943	0.9968	0.9957	0.9993
16.1	0.9912	0.9974	0.9747	0.9916	0.9969	0.9940	0.9988
16.2	0.9903	0.9974	0.9790	0.9909	0.9969	0.9941	0.9987
16.3	0.9884	0.9973	0.9829	0.9891	0.9968	0.9942	0.9987
16.4	0.9907	0.9970	0.9869	0.9899	0.9963	0.9949	0.9988
16.5	0.9931	0.9968	0.9825	0.9921	0.9962	0.9910	0.9976

16.6	0.9932	0.9976	0.9829	0.9936	0.9971	0.9920	0.9981
16.7	0.9930	0.9975	0.9840	0.9933	0.9972	0.9949	0.9983
16.8	0.9922	0.9974	0.9769	0.9920	0.9971	0.9957	0.9983
16.9	0.9871	0.9959	0.9727	0.9857	0.9952	0.9907	0.9973
17.0	0.9852	0.9969	0.9699	0.9835	0.9962	0.9888	0.9971
17.1	0.9910	0.9961	0.9642	0.9897	0.9957	0.9830	0.9950
17.2	0.9902	0.9980	0.9751	0.9919	0.9978	0.9927	0.9988
17.3	0.9849	0.9974	0.9692	0.9871	0.9972	0.9906	0.9984
17.4	0.9874	0.9971	0.9821	0.9873	0.9969	0.9905	0.9979
17.5	0.9883	0.9970	0.9842	0.9874	0.9968	0.9914	0.9981
17.6	0.9864	0.9959	0.9875	0.9855	0.9955	0.9929	0.9982
17.7	0.9885	0.9961	0.9856	0.9884	0.9957	0.9920	0.9963
17.8	0.9866	0.9954	0.9801	0.9860	0.9953	0.9913	0.9958
17.9	0.9797	0.9941	0.9723	0.9805	0.9941	0.9902	0.9957
18.0	0.9730	0.9951	0.9683	0.9757	0.9947	0.9884	0.9972
18.1	0.9754	0.9955	0.9772	0.9769	0.9943	0.9902	0.9974
18.2	0.9728	0.9945	0.9777	0.9732	0.9939	0.9904	0.9975
18.3	0.9693	0.9933	0.9749	0.9687	0.9925	0.9886	0.9969
18.4	0.9706	0.9923	0.9771	0.9704	0.9915	0.9886	0.9967
18.5	0.9712	0.9928	0.9733	0.9713	0.9925	0.9881	0.9968
18.6	0.9687	0.9898	0.9646	0.9708	0.9892	0.9864	0.9953
18.7	0.9561	0.9852	0.9458	0.9612	0.9845	0.9822	0.9933
18.8	0.9727	0.9890	0.9736	0.9722	0.9877	0.9887	0.9958
18.9	0.9715	0.9894	0.9741	0.9696	0.9883	0.9890	0.9955
19.0	0.9609	0.9842	0.9656	0.9580	0.9834	0.9867	0.9940
19.1	0.9568	0.9770	0.9398	0.9579	0.9751	0.9867	0.9947
19.2	0.9491	0.9727	0.9290	0.9509	0.9711	0.9833	0.9919
19.3	0.9378	0.9668	0.9272	0.9341	0.9661	0.9818	0.9913
19.4	0.9312	0.9582	0.9098	0.9260	0.9557	0.9808	0.9905
19.5	0.9345	0.9572	0.8982	0.9294	0.9579	0.9824	0.9907
19.6	0.9377	0.9513	0.9064	0.9391	0.9495	0.9837	0.9911
19.7	0.9214	0.9446	0.8837	0.9311	0.9455	0.9738	0.9877
19.8	0.9233	0.9442	0.8870	0.9324	0.9419	0.9766	0.9888
19.9	0.9309	0.9440	0.8676	0.9338	0.9407	0.9852	0.9921
20.0	0.9035	0.9182	0.8331	0.8954	0.9203	0.9784	0.9896
20.1	0.9035	0.8906	0.8522	0.9027	0.8956	0.9755	0.9865
20.2	0.8909	0.8468	0.8212	0.8955	0.8461	0.9706	0.9815
20.3	0.8830	0.8030	0.8341	0.8821	0.8037	0.9712	0.9834
20.4	0.8259	0.7299	0.7987	0.8297	0.7348	0.9668	0.9791
20.5	0.8226	0.7154	0.7552	0.8144	0.7223	0.9645	0.9772
20.6	0.7659	0.4964	0.7401	0.7609	0.4941	0.9587	0.9733
20.7	0.7397	0.4049	0.6954	0.7780	0.4145	0.9681	0.9774
20.8	0.6953	0.3715	0.7015	0.7404	0.3755	0.9688	0.9781
20.9	0.5101	0.2765	0.6284	0.5449	0.2742	0.9421	0.9532
21.0	0.3881	0.2395	0.5248	0.4036	0.2353	0.9300	0.9324
21.1	0.2286	0.2738	0.4769	0.2750	0.2681	0.9064	0.9151
21.2	0.0983	0.4132	0.5067	0.1412	0.4061	0.8826	0.8808
21.3	0.2206	0.4650	0.6527	0.1845	0.4575	0.8872	0.9054
21.4	0.2424	0.4959	0.6938	0.1046	0.4898	0.8896	0.9193
21.5	0.3680	0.5012	0.6507	0.1809	0.4941	0.8753	0.9115
21.6	0.4757	0.5969	0.6893	0.3858	0.5947	0.8653	0.9286
21.7	0.6235	0.7384	0.7975	0.5558	0.7346	0.9108	0.9601
21.8	0.6731	0.7227	0.7361	0.5871	0.7168	0.8932	0.9532
21.9	0.7640	0.7459	0.6985	0.7440	0.7353	0.8489	0.9410
22.0	0.7851	0.6968	0.7032	0.7623	0.6866	0.8528	0.9432
22.1	0.8336	0.7402	0.6490	0.7488	0.7292	0.8057	0.9311
22.2	0.8625	0.8257	0.6787	0.8145	0.8206	0.8345	0.9463
22.3	0.8628	0.8302	0.7235	0.8255	0.8252	0.7977	0.9496
22.4	0.8300	0.7431	0.4960	0.8048	0.7342	0.7959	0.9149
22.5	0.8484	0.7206	0.5206	0.8194	0.7150	0.8005	0.8941
22.6	0.8577	0.7636	0.6023	0.8376	0.7570	0.7652	0.8777
22.7	0.8643	0.7184	0.6354	0.8511	0.7096	0.7154	0.8744
22.8	0.9211	0.7883	0.7554	0.9197	0.7745	0.7592	0.9124
22.9	0.9230	0.8011	0.6779	0.9274	0.7873	0.7688	0.8892
23.0	0.9277	0.8188	0.5705	0.9329	0.8095	0.7688	0.8602
23.1	0.9077	0.8484	0.6246	0.9229	0.8350	0.7769	0.8843
23.2	0.9212	0.8879	0.7077	0.9268	0.8747	0.7588	0.9225
23.3	0.9345	0.9198	0.7780	0.9455	0.9093	0.7962	0.9501
23.4	0.9422	0.9011	0.7393	0.9460	0.8849	0.7454	0.9414
23.5	0.9598	0.9139	0.8331	0.9429	0.9060	0.7523	0.9530
23.6	0.9562	0.9094	0.7614	0.9389	0.8994	0.7204	0.9591
23.7	0.9625	0.9176	0.7302	0.9484	0.9088	0.7354	0.9759
23.8	0.9674	0.8925	0.6734	0.9593	0.8806	0.7742	0.9820
23.9	0.9725	0.8682	0.6222	0.9637	0.8522	0.7584	0.9750
24.0	0.9716	0.8336	0.5082	0.9573	0.8112	0.6778	0.9640
24.1	0.9796	0.8487	0.4378	0.9653	0.8309	0.6457	0.9582
24.2	0.9615	0.8354	0.0910	0.9514	0.8172	0.5724	0.9308
24.3	0.9680	0.8496	0.0430	0.9596	0.8265	0.6990	0.9373
24.4	0.9748	0.8500	0.0592	0.9673	0.8193	0.7570	0.9253
24.5	0.9762	0.8976	0.1655	0.9707	0.8720	0.7446	0.9150
24.6	0.9777	0.8602	0.2488	0.9693	0.8336	0.7568	0.8765
24.7	0.9848	0.7907	0.4378	0.9764	0.7539	0.8280	0.8882
24.8	0.9890	0.8317	0.7208	0.9853	0.7860	0.8892	0.9137
24.9	0.9856	0.8589	0.7604	0.9816	0.8211	0.8868	0.8836
25.0	0.9889	0.8861	0.7769	0.9853	0.8550	0.9094	0.8885
25.1	0.9868	0.8669	0.7922	0.9833	0.8278	0.8966	0.8732

25.2	0.9864	0.8978	0.8184	0.9827	0.8641	0.9059	0.8751
25.3	0.9839	0.8803	0.8907	0.9834	0.8487	0.9187	0.9036
25.4	0.9854	0.9019	0.8859	0.9837	0.8740	0.9231	0.9049
25.5	0.9874	0.9100	0.8767	0.9852	0.8809	0.9336	0.9025
25.6	0.9881	0.9133	0.9014	0.9859	0.8830	0.9406	0.9171
25.7	0.9884	0.9107	0.9112	0.9870	0.8740	0.9415	0.9240
25.8	0.9919	0.9271	0.9263	0.9908	0.8952	0.9591	0.9366
25.9	0.9908	0.9300	0.9422	0.9903	0.8906	0.9639	0.9492
26.0	0.9910	0.9355	0.9532	0.9902	0.8963	0.9634	0.9561
26.1	0.9921	0.9412	0.9630	0.9914	0.9035	0.9705	0.9646
26.2	0.9915	0.9380	0.9544	0.9922	0.8955	0.9690	0.9580
26.3	0.9917	0.9160	0.9630	0.9911	0.8631	0.9739	0.9666
26.4	0.9938	0.9174	0.9658	0.9914	0.8674	0.9722	0.9685
26.5	0.9942	0.9509	0.9717	0.9929	0.9219	0.9728	0.9726
26.6	0.9952	0.9633	0.9741	0.9954	0.9405	0.9750	0.9737
26.7	0.9945	0.9602	0.9810	0.9951	0.9324	0.9829	0.9822
26.8	0.9950	0.9677	0.9833	0.9946	0.9458	0.9846	0.9839
26.9	0.9940	0.9670	0.9790	0.9928	0.9466	0.9808	0.9803
27.0	0.9936	0.9568	0.9830	0.9933	0.9282	0.9794	0.9819
27.1	0.9931	0.9507	0.9779	0.9934	0.9167	0.9765	0.9778
27.2	0.9937	0.9595	0.9800	0.9927	0.9330	0.9803	0.9812
27.3	0.9931	0.9743	0.9804	0.9919	0.9532	0.9808	0.9819
27.4	0.9932	0.9756	0.9799	0.9926	0.9597	0.9813	0.9809
27.5	0.9930	0.9795	0.9836	0.9920	0.9704	0.9810	0.9833
27.6	0.9926	0.9797	0.9853	0.9905	0.9707	0.9822	0.9851
27.7	0.9910	0.9821	0.9860	0.9905	0.9698	0.9847	0.9878
27.8	0.9913	0.9781	0.9848	0.9917	0.9668	0.9823	0.9856
27.9	0.9911	0.9823	0.9797	0.9901	0.9759	0.9769	0.9805
28.0	0.9923	0.9875	0.9820	0.9915	0.9805	0.9808	0.9827
28.1	0.9929	0.9907	0.9880	0.9923	0.9853	0.9867	0.9899
28.2	0.9918	0.9881	0.9889	0.9913	0.9814	0.9888	0.9911
28.3	0.9932	0.9863	0.9883	0.9918	0.9789	0.9854	0.9892
28.4	0.9930	0.9847	0.9869	0.9918	0.9759	0.9865	0.9888
28.5	0.9942	0.9857	0.9898	0.9923	0.9786	0.9854	0.9908
28.6	0.9917	0.9867	0.9868	0.9905	0.9788	0.9832	0.9909
28.7	0.9862	0.9823	0.9753	0.9851	0.9725	0.9786	0.9821
28.8	0.9868	0.9813	0.9755	0.9866	0.9710	0.9754	0.9795
28.9	0.9901	0.9805	0.9815	0.9898	0.9711	0.9685	0.9829
29.0	0.9910	0.9818	0.9796	0.9909	0.9724	0.9725	0.9841
29.1	0.9914	0.9863	0.9814	0.9913	0.9791	0.9715	0.9855
29.2	0.9925	0.9804	0.9743	0.9919	0.9672	0.9521	0.9832
29.3	0.9896	0.9769	0.9657	0.9883	0.9610	0.9331	0.9766
29.4	0.9876	0.9676	0.9637	0.9861	0.9511	0.9247	0.9692
29.5	0.9914	0.9758	0.9713	0.9906	0.9632	0.9463	0.9768
29.6	0.9892	0.9788	0.9610	0.9888	0.9637	0.9257	0.9736
29.7	0.9857	0.9714	0.9523	0.9863	0.9550	0.9027	0.9673
29.8	0.9874	0.9662	0.9550	0.9867	0.9522	0.9037	0.9718
29.9	0.9810	0.9475	0.9364	0.9824	0.9190	0.8788	0.9659
30.0	0.9812	0.9339	0.9343	0.9821	0.8945	0.8672	0.9591
30.1	0.9845	0.9611	0.9534	0.9853	0.9365	0.9022	0.9664
30.2	0.9830	0.9546	0.9580	0.9846	0.9294	0.9169	0.9663
30.3	0.9851	0.9548	0.9633	0.9876	0.9329	0.9150	0.9700
30.4	0.9845	0.9534	0.9588	0.9875	0.9293	0.9185	0.9641
30.5	0.9841	0.9465	0.9650	0.9856	0.9258	0.9500	0.9626
30.6	0.9806	0.9370	0.9646	0.9846	0.9112	0.9485	0.9638
30.7	0.9739	0.9322	0.9689	0.9808	0.9033	0.9586	0.9615
30.8	0.9776	0.9540	0.9704	0.9805	0.9353	0.9640	0.9690
30.9	0.9748	0.9550	0.9737	0.9784	0.9378	0.9705	0.9731
31.0	0.9740	0.9419	0.9663	0.9749	0.9206	0.9611	0.9651
31.1	0.9701	0.9373	0.9697	0.9743	0.9177	0.9708	0.9662
31.2	0.9634	0.9327	0.9644	0.9693	0.9106	0.9657	0.9611
31.3	0.9613	0.9435	0.9631	0.9700	0.9274	0.9657	0.9632
31.4	0.9511	0.9340	0.9606	0.9653	0.9138	0.9667	0.9564
31.5	0.9551	0.9502	0.9636	0.9698	0.9358	0.9688	0.9658
31.6	0.9536	0.9514	0.9634	0.9639	0.9381	0.9688	0.9650
31.7	0.9451	0.9393	0.9586	0.9533	0.9236	0.9677	0.9578
31.8	0.9515	0.9578	0.9694	0.9654	0.9478	0.9764	0.9710
31.9	0.9323	0.9499	0.9548	0.9532	0.9423	0.9628	0.9587
32.0	0.9039	0.9264	0.9367	0.9319	0.9199	0.9469	0.9403
32.1	0.9113	0.9226	0.9392	0.9357	0.9107	0.9501	0.9426
32.2	0.9158	0.9358	0.9403	0.9414	0.9294	0.9491	0.9472
32.3	0.8944	0.9214	0.9341	0.9289	0.9117	0.9418	0.9348
32.4	0.9080	0.9283	0.9387	0.9311	0.9215	0.9458	0.9391
32.5	0.9104	0.9272	0.9398	0.9308	0.9187	0.9459	0.9405
32.6	0.9150	0.9317	0.9447	0.9377	0.9203	0.9492	0.9459
32.7	0.8881	0.9080	0.9200	0.9192	0.8929	0.9272	0.9246
32.8	0.9062	0.9222	0.9293	0.9334	0.9063	0.9357	0.9351
32.9	0.8763	0.8976	0.9072	0.9110	0.8742	0.9165	0.9152
33.0	0.8719	0.8896	0.8975	0.9023	0.8644	0.9073	0.9056
33.1	0.8755	0.8924	0.9005	0.9026	0.8695	0.9064	0.9055
33.2	0.8546	0.8618	0.8749	0.8894	0.8186	0.8774	0.8801
33.3	0.8986	0.8914	0.9115	0.9229	0.8504	0.9134	0.9148
33.4	0.8453	0.8171	0.8562	0.8892	0.7270	0.8560	0.8644
33.5	0.8763	0.8284	0.8787	0.9074	0.7396	0.8787	0.8862
33.6	0.8853	0.8311	0.8851	0.9167	0.7243	0.8832	0.8941
33.7	0.8931	0.8396	0.8958	0.9238	0.6681	0.8917	0.9006

33.8	0.8019	0.7522	0.7998	0.8620	0.4203	0.7911	0.8232
33.9	0.7888	0.7380	0.7645	0.8552	0.2159	0.7545	0.8015
34.0	0.7955	0.8064	0.7379	0.8608	0.1837	0.7432	0.7958
34.1	0.8318	0.8201	0.7675	0.8852	0.2477	0.7808	0.8256
34.2	0.7854	0.8036	0.7435	0.8516	0.4029	0.7911	0.7936
34.3	0.7538	0.8736	0.6779	0.8326	0.6655	0.7839	0.7126
34.4	0.7662	0.8928	0.7477	0.8427	0.7750	0.8682	0.7261
34.5	0.7344	0.8785	0.8096	0.8214	0.8360	0.9059	0.7177
34.6	0.7003	0.8937	0.8866	0.8052	0.8765	0.9360	0.7937
34.7	0.6439	0.9168	0.9304	0.7922	0.9073	0.9542	0.8937
34.8	0.5082	0.9234	0.9338	0.7333	0.9110	0.9574	0.9093
34.9	0.5282	0.9597	0.9516	0.7844	0.9562	0.9665	0.9474
35.0	0.4525	0.9470	0.9465	0.7560	0.9553	0.9625	0.9453
35.1	0.3015	0.9375	0.9437	0.6994	0.9490	0.9592	0.9462
35.2	0.2386	0.9421	0.9512	0.7075	0.9537	0.9627	0.9589
35.3	0.1084	0.9455	0.9589	0.6539	0.9594	0.9702	0.9685
35.4	0.0345	0.9587	0.9517	0.6457	0.9668	0.9614	0.9620
35.5	0.1557	0.9659	0.9669	0.7241	0.9713	0.9726	0.9738
35.6	0.1121	0.9533	0.9554	0.5583	0.9675	0.9665	0.9680
35.7	0.1962	0.9433	0.9483	0.5937	0.9602	0.9580	0.9590
35.8	0.4325	0.9261	0.9590	0.5904	0.9436	0.9667	0.9669
35.9	0.5855	0.9483	0.9718	0.6947	0.9622	0.9795	0.9802
36.0	0.6931	0.9530	0.9754	0.7590	0.9604	0.9805	0.9839
36.1	0.6761	0.9288	0.9706	0.7406	0.9390	0.9737	0.9803
36.2	0.7412	0.9299	0.9791	0.7033	0.9392	0.9807	0.9838
36.3	0.7632	0.9340	0.9766	0.6933	0.9502	0.9804	0.9827
36.4	0.8046	0.9251	0.9788	0.7527	0.9463	0.9796	0.9846
36.5	0.8443	0.9263	0.9834	0.8163	0.9446	0.9856	0.9889
36.6	0.8494	0.9178	0.9803	0.8282	0.9345	0.9831	0.9877
36.7	0.8614	0.9172	0.9851	0.8156	0.9418	0.9856	0.9922
36.8	0.8620	0.9295	0.9852	0.8392	0.9499	0.9851	0.9924
36.9	0.8710	0.9214	0.9855	0.8417	0.9419	0.9860	0.9905
37.0	0.9114	0.9429	0.9865	0.8926	0.9545	0.9883	0.9916
37.1	0.9336	0.9509	0.9887	0.9167	0.9603	0.9881	0.9930
37.2	0.9337	0.9505	0.9883	0.9241	0.9636	0.9853	0.9933
37.3	0.9237	0.9434	0.9866	0.9170	0.9568	0.9814	0.9902
37.4	0.8940	0.9366	0.9777	0.8908	0.9545	0.9617	0.9733
37.5	0.9262	0.9468	0.9848	0.9218	0.9568	0.9653	0.9859
37.6	0.9517	0.9635	0.9866	0.9480	0.9712	0.9704	0.9940
37.7	0.9498	0.9589	0.9869	0.9469	0.9663	0.9649	0.9943
37.8	0.9428	0.9689	0.9852	0.9493	0.9763	0.9534	0.9938
37.9	0.9440	0.9656	0.9823	0.9525	0.9737	0.9441	0.9925
38.0	0.9547	0.9746	0.9850	0.9610	0.9787	0.9410	0.9929
38.1	0.9496	0.9639	0.9840	0.9500	0.9700	0.9218	0.9923
38.2	0.9688	0.9831	0.9879	0.9766	0.9824	0.9564	0.9929
38.3	0.9641	0.9762	0.9866	0.9692	0.9760	0.9491	0.9938
38.4	0.9567	0.9691	0.9851	0.9644	0.9725	0.9489	0.9927
38.5	0.9590	0.9724	0.9863	0.9621	0.9759	0.9633	0.9928
38.6	0.9522	0.9759	0.9866	0.9563	0.9788	0.9692	0.9935
38.7	0.9670	0.9843	0.9915	0.9722	0.9854	0.9803	0.9954
38.8	0.9644	0.9804	0.9888	0.9669	0.9809	0.9789	0.9949
38.9	0.9649	0.9768	0.9873	0.9699	0.9759	0.9744	0.9943
39.0	0.9650	0.9765	0.9858	0.9690	0.9743	0.9721	0.9941
39.1	0.9789	0.9759	0.9886	0.9790	0.9748	0.9756	0.9952
39.2	0.9783	0.9807	0.9893	0.9808	0.9797	0.9797	0.9961
39.3	0.9770	0.9810	0.9902	0.9817	0.9768	0.9812	0.9958
39.4	0.9790	0.9718	0.9905	0.9856	0.9647	0.9820	0.9951
39.5	0.9792	0.9653	0.9873	0.9835	0.9613	0.9748	0.9943
39.6	0.9825	0.9727	0.9891	0.9846	0.9709	0.9772	0.9949
39.7	0.9850	0.9504	0.9882	0.9875	0.9483	0.9762	0.9935
39.8	0.9857	0.9352	0.9873	0.9906	0.9311	0.9723	0.9917
39.9	0.9880	0.9554	0.9870	0.9909	0.9505	0.9758	0.9947
40.0	0.9871	0.9681	0.9906	0.9913	0.9670	0.9834	0.9967
40.1	0.9824	0.9701	0.9919	0.9900	0.9667	0.9853	0.9960
40.2	0.9831	0.9601	0.9889	0.9878	0.9517	0.9801	0.9942
40.3	0.9854	0.9633	0.9889	0.9887	0.9580	0.9791	0.9948
40.4	0.9821	0.9481	0.9842	0.9870	0.9428	0.9683	0.9941
40.5	0.9814	0.9503	0.9844	0.9853	0.9478	0.9713	0.9941
40.6	0.9839	0.9598	0.9850	0.9879	0.9580	0.9722	0.9930
40.7	0.9831	0.9546	0.9849	0.9885	0.9519	0.9683	0.9942
40.8	0.9836	0.9650	0.9873	0.9894	0.9628	0.9743	0.9949
40.9	0.9882	0.9646	0.9880	0.9897	0.9634	0.9749	0.9945
41.0	0.9809	0.9643	0.9852	0.9873	0.9627	0.9733	0.9949
41.1	0.9795	0.9607	0.9837	0.9876	0.9581	0.9693	0.9945
41.2	0.9816	0.9582	0.9841	0.9891	0.9569	0.9663	0.9932
41.3	0.9761	0.9689	0.9857	0.9898	0.9683	0.9717	0.9931
41.4	0.9777	0.9741	0.9871	0.9880	0.9740	0.9755	0.9945
41.5	0.9795	0.9799	0.9879	0.9905	0.9808	0.9774	0.9945
41.6	0.9745	0.9762	0.9847	0.9900	0.9783	0.9727	0.9926
41.7	0.9792	0.9810	0.9885	0.9907	0.9817	0.9811	0.9941
41.8	0.9738	0.9854	0.9875	0.9904	0.9845	0.9816	0.9943
41.9	0.9845	0.9874	0.9907	0.9937	0.9869	0.9864	0.9955
42.0	0.9802	0.9843	0.9910	0.9925	0.9853	0.9858	0.9947
42.1	0.9783	0.9833	0.9917	0.9920	0.9838	0.9852	0.9947
42.2	0.9797	0.9817	0.9912	0.9932	0.9821	0.9841	0.9935
42.3	0.9731	0.9831	0.9910	0.9935	0.9843	0.9820	0.9943

42.4	0.9670	0.9787	0.9847	0.9901	0.9805	0.9703	0.9937
42.5	0.9767	0.9800	0.9880	0.9911	0.9821	0.9763	0.9943
42.6	0.9696	0.9895	0.9913	0.9939	0.9891	0.9813	0.9936
42.7	0.9722	0.9877	0.9895	0.9935	0.9882	0.9784	0.9920
42.8	0.9715	0.9874	0.9904	0.9920	0.9884	0.9764	0.9937
42.9	0.9633	0.9855	0.9906	0.9891	0.9863	0.9727	0.9940
43.0	0.9743	0.9900	0.9934	0.9936	0.9901	0.9834	0.9932
43.1	0.9755	0.9897	0.9962	0.9947	0.9904	0.9917	0.9939
43.2	0.9734	0.9819	0.9959	0.9954	0.9835	0.9898	0.9915
43.3	0.9738	0.9790	0.9917	0.9949	0.9802	0.9813	0.9891
43.4	0.9727	0.9854	0.9892	0.9944	0.9861	0.9801	0.9919
43.5	0.9628	0.9842	0.9883	0.9928	0.9863	0.9793	0.9925
43.6	0.9709	0.9905	0.9934	0.9955	0.9920	0.9885	0.9950
43.7	0.9638	0.9866	0.9866	0.9948	0.9880	0.9721	0.9906
43.8	0.9598	0.9822	0.9857	0.9920	0.9850	0.9743	0.9907
43.9	0.9508	0.9811	0.9847	0.9913	0.9827	0.9798	0.9868
44.0	0.9614	0.9848	0.9858	0.9937	0.9870	0.9837	0.9924
44.1	0.9725	0.9873	0.9930	0.9945	0.9896	0.9855	0.9944
44.2	0.9712	0.9883	0.9881	0.9940	0.9891	0.9838	0.9829
44.3	0.9669	0.9808	0.9659	0.9904	0.9818	0.9571	0.9827
44.4	0.9698	0.9759	0.9469	0.9874	0.9765	0.9147	0.9867
44.5	0.9725	0.9768	0.9616	0.9898	0.9778	0.9302	0.9895
44.6	0.9717	0.9843	0.9888	0.9911	0.9889	0.9833	0.9885
44.7	0.9656	0.9792	0.9876	0.9923	0.9849	0.9809	0.9864
44.8	0.9558	0.9801	0.9762	0.9930	0.9840	0.9682	0.9888
44.9	0.9563	0.9876	0.9892	0.9931	0.9894	0.9837	0.9921
45.0	0.9391	0.9800	0.9912	0.9936	0.9815	0.9857	0.9862
45.1	0.9527	0.9682	0.9922	0.9933	0.9710	0.9891	0.9841
45.2	0.9714	0.9662	0.9917	0.9934	0.9718	0.9866	0.9902
45.3	0.9635	0.9866	0.9891	0.9941	0.9892	0.9872	0.9897
45.4	0.9538	0.9803	0.9781	0.9930	0.9818	0.9626	0.9880
45.5	0.9507	0.9816	0.9777	0.9918	0.9816	0.9593	0.9858
45.6	0.9616	0.9858	0.9772	0.9910	0.9865	0.9604	0.9878
45.7	0.9633	0.9710	0.9659	0.9891	0.9744	0.9428	0.9837
45.8	0.9643	0.9813	0.9837	0.9913	0.9830	0.9761	0.9791
45.9	0.9605	0.9843	0.9887	0.9902	0.9857	0.9900	0.9842
46.0	0.9756	0.9829	0.9859	0.9912	0.9851	0.9834	0.9916
46.1	0.9715	0.9864	0.9782	0.9899	0.9898	0.9661	0.9918
46.2	0.9676	0.9516	0.9344	0.9828	0.9607	0.9061	0.9848
46.3	0.9624	0.9127	0.9204	0.9837	0.9199	0.8975	0.9761
46.4	0.9610	0.9377	0.9417	0.9839	0.9414	0.9302	0.9721
46.5	0.9631	0.9308	0.8915	0.9840	0.9324	0.8732	0.9766
46.6	0.9744	0.9698	0.9395	0.9901	0.9700	0.8972	0.9883
46.7	0.9790	0.9847	0.9804	0.9913	0.9857	0.9651	0.9940
46.8	0.9640	0.9778	0.9887	0.9910	0.9765	0.9856	0.9917
46.9	0.9603	0.9763	0.9850	0.9882	0.9760	0.9768	0.9869
47.0	0.9626	0.9547	0.9480	0.9885	0.9536	0.9336	0.9823
47.1	0.9382	0.8927	0.8070	0.9814	0.8885	0.7826	0.9794
47.2	0.9471	0.8405	0.9239	0.9853	0.8334	0.8637	0.9814
47.3	0.9582	0.9504	0.9758	0.9909	0.9493	0.9627	0.9856
47.4	0.9254	0.9622	0.9683	0.9872	0.9596	0.9626	0.9782
47.5	0.9174	0.9875	0.9866	0.9903	0.9876	0.9855	0.9876
47.6	0.9363	0.9763	0.9670	0.9909	0.9772	0.9687	0.9893
47.7	0.9605	0.9740	0.9535	0.9914	0.9748	0.9628	0.9893
47.8	0.9559	0.9660	0.9237	0.9888	0.9679	0.9248	0.9908
47.9	0.9589	0.9512	0.9483	0.9861	0.9564	0.9371	0.9912
48.0	0.9481	0.9376	0.8789	0.9844	0.9447	0.8731	0.9899
48.1	0.9287	0.8787	0.9088	0.9860	0.9016	0.8779	0.9886
48.2	0.9276	0.9377	0.9667	0.9893	0.9477	0.9598	0.9876
48.3	0.9248	0.9681	0.9685	0.9904	0.9725	0.9676	0.9862
48.4	0.9320	0.9711	0.9667	0.9890	0.9735	0.9636	0.9912
48.5	0.8986	0.9519	0.9547	0.9884	0.9532	0.9457	0.9927
48.6	0.8913	0.9681	0.9785	0.9890	0.9695	0.9711	0.9914
48.7	0.8542	0.9820	0.9811	0.9850	0.9824	0.9764	0.9851
48.8	0.8880	0.9768	0.9695	0.9847	0.9777	0.9598	0.9811
48.9	0.8875	0.9600	0.9552	0.9845	0.9588	0.9535	0.9828
49.0	0.8723	0.9687	0.9687	0.9867	0.9658	0.9693	0.9879
49.1	0.8841	0.9761	0.9673	0.9891	0.9723	0.9632	0.9879
49.2	0.8157	0.9624	0.9629	0.9853	0.9564	0.9542	0.9842
49.3	0.6585	0.9730	0.9777	0.9881	0.9707	0.9746	0.9792
49.4	0.1985	0.9637	0.9657	0.9848	0.9622	0.9637	0.9791
49.5	0.4106	0.9748	0.9714	0.9882	0.9752	0.9696	0.9866
49.6	0.4356	0.9908	0.9791	0.9889	0.9899	0.9801	0.9873
49.7	0.3138	0.9871	0.9891	0.9888	0.9870	0.9852	0.9843
49.8	0.3318	0.9741	0.9774	0.9872	0.9737	0.9772	0.9850
49.9	0.5480	0.9252	0.9298	0.9859	0.9301	0.9339	0.9787
50.0	0.6013	0.9573	0.9763	0.9879	0.9628	0.9719	0.9898
50.1	0.6230	0.9869	0.9906	0.9915	0.9869	0.9876	0.9900
50.2	0.6446	0.9858	0.9881	0.9928	0.9860	0.9877	0.9882
50.3	0.7035	0.9794	0.9823	0.9906	0.9800	0.9868	0.9865
50.4	0.7597	0.9666	0.9697	0.9912	0.9654	0.9788	0.9802
50.5	0.7803	0.9823	0.9761	0.9903	0.9792	0.9681	0.9816
50.6	0.7510	0.9867	0.9616	0.9899	0.9850	0.9630	0.9820
50.7	0.7877	0.9689	0.9225	0.9913	0.9655	0.9372	0.9787
50.8	0.8310	0.9768	0.9702	0.9910	0.9736	0.9693	0.9813
50.9	0.7467	0.9571	0.9674	0.9904	0.9536	0.9702	0.9750

51.0	0.6792	0.9293	0.9346	0.9844	0.9215	0.9373	0.9591
51.1	0.7317	0.9499	0.9572	0.9852	0.9434	0.9585	0.9444
51.2	0.6658	0.9789	0.9759	0.9923	0.9763	0.9795	0.9710
51.3	0.4861	0.9799	0.9776	0.9929	0.9782	0.9811	0.9743
51.4	0.3271	0.9424	0.9284	0.9889	0.9356	0.9478	0.9596
51.5	0.7379	0.9421	0.9504	0.9901	0.9341	0.9529	0.9474
51.6	0.6820	0.9637	0.9612	0.9901	0.9587	0.9645	0.9472
51.7	0.6571	0.9792	0.9701	0.9911	0.9766	0.9745	0.9677
51.8	0.6390	0.9798	0.9709	0.9920	0.9774	0.9773	0.9761
51.9	0.7340	0.9765	0.9710	0.9913	0.9746	0.9753	0.9721
52.0	0.8247	0.9730	0.9699	0.9891	0.9712	0.9718	0.9646
52.1	0.8174	0.9808	0.9754	0.9912	0.9800	0.9791	0.9754
52.2	0.7714	0.9872	0.9798	0.9944	0.9865	0.9858	0.9778
52.3	0.6612	0.9847	0.9643	0.9939	0.9834	0.9771	0.9736
52.4	0.6628	0.9795	0.9521	0.9926	0.9771	0.9632	0.9742
52.5	0.7998	0.9781	0.9595	0.9912	0.9762	0.9654	0.9733
52.6	0.8129	0.9840	0.9630	0.9939	0.9831	0.9752	0.9787
52.7	0.7777	0.9718	0.9257	0.9895	0.9691	0.9444	0.9733
52.8	0.9022	0.9756	0.9620	0.9892	0.9738	0.9669	0.9747
52.9	0.9095	0.9794	0.9685	0.9899	0.9781	0.9755	0.9811
53.0	0.9359	0.9888	0.9817	0.9938	0.9885	0.9877	0.9861
53.1	0.9371	0.9917	0.9859	0.9944	0.9915	0.9923	0.9875
53.2	0.9346	0.9906	0.9815	0.9943	0.9905	0.9891	0.9857
53.3	0.8924	0.9816	0.9375	0.9928	0.9810	0.9650	0.9824
53.4	0.8261	0.9515	0.8993	0.9875	0.9482	0.9238	0.9763
53.5	0.8814	0.9560	0.9223	0.9846	0.9538	0.9379	0.9760
53.6	0.9131	0.9831	0.9462	0.9924	0.9814	0.9615	0.9856
53.7	0.9419	0.9849	0.9642	0.9916	0.9835	0.9711	0.9868
53.8	0.9000	0.9541	0.9224	0.9840	0.9510	0.9387	0.9799
53.9	0.9314	0.9660	0.9497	0.9831	0.9642	0.9598	0.9786
54.0	0.9692	0.9852	0.9787	0.9912	0.9848	0.9843	0.9882
54.1	0.9636	0.9791	0.9670	0.9875	0.9789	0.9730	0.9861
54.2	0.8630	0.9248	0.8605	0.9737	0.9252	0.8881	0.9751
54.3	0.9162	0.9508	0.9282	0.9779	0.9506	0.9383	0.9796
54.4	0.9694	0.9815	0.9768	0.9866	0.9816	0.9809	0.9879
54.5	0.9854	0.9920	0.9895	0.9941	0.9920	0.9925	0.9935
54.6	0.9803	0.9874	0.9788	0.9908	0.9875	0.9864	0.9919
54.7	0.9567	0.9725	0.9280	0.9861	0.9727	0.9619	0.9888
54.8	0.9189	0.9524	0.8994	0.9805	0.9499	0.9366	0.9863
54.9	0.9669	0.9787	0.9630	0.9877	0.9775	0.9750	0.9901
55.0	0.9797	0.9861	0.9777	0.9908	0.9859	0.9845	0.9913
55.1	0.9807	0.9895	0.9848	0.9932	0.9897	0.9915	0.9901
55.2	0.9817	0.9895	0.9837	0.9925	0.9895	0.9910	0.9909
55.3	0.9845	0.9906	0.9845	0.9928	0.9904	0.9911	0.9918
55.4	0.9699	0.9850	0.9639	0.9906	0.9844	0.9834	0.9913
55.5	0.9464	0.9776	0.9370	0.9860	0.9771	0.9694	0.9901
55.6	0.9739	0.9866	0.9707	0.9905	0.9867	0.9848	0.9913
55.7	0.9864	0.9918	0.9866	0.9935	0.9919	0.9925	0.9928
55.8	0.9879	0.9919	0.9865	0.9926	0.9921	0.9916	0.9938
55.9	0.9895	0.9933	0.9843	0.9943	0.9935	0.9930	0.9943
56.0	0.9511	0.9781	0.8824	0.9836	0.9775	0.9479	0.9903
56.1	0.9647	0.9821	0.9374	0.9849	0.9818	0.9622	0.9907
56.2	0.9743	0.9840	0.9624	0.9868	0.9842	0.9770	0.9892
56.3	0.9890	0.9926	0.9869	0.9937	0.9931	0.9929	0.9931
56.4	0.9867	0.9912	0.9870	0.9930	0.9917	0.9922	0.9915
56.5	0.9866	0.9913	0.9869	0.9935	0.9918	0.9924	0.9912
56.6	0.9877	0.9914	0.9864	0.9932	0.9917	0.9927	0.9915
56.7	0.9882	0.9921	0.9877	0.9932	0.9923	0.9927	0.9922
56.8	0.9857	0.9897	0.9840	0.9917	0.9900	0.9916	0.9909
56.9	0.9872	0.9906	0.9820	0.9922	0.9910	0.9923	0.9913
57.0	0.9834	0.9887	0.9704	0.9912	0.9893	0.9906	0.9889
57.1	0.9699	0.9806	0.8689	0.9857	0.9809	0.9676	0.9888
57.2	0.9564	0.9759	0.8698	0.9832	0.9758	0.9527	0.9896
57.3	0.9770	0.9849	0.9627	0.9887	0.9848	0.9825	0.9896
57.4	0.9792	0.9842	0.9615	0.9876	0.9840	0.9826	0.9898
57.5	0.9813	0.9874	0.9777	0.9906	0.9880	0.9894	0.9891
57.6	0.9813	0.9862	0.9769	0.9903	0.9870	0.9913	0.9886
57.7	0.9846	0.9875	0.9805	0.9905	0.9882	0.9914	0.9898
57.8	0.9860	0.9896	0.9826	0.9927	0.9905	0.9929	0.9917
57.9	0.9784	0.9848	0.9710	0.9894	0.9861	0.9890	0.9870
58.0	0.9842	0.9882	0.9767	0.9903	0.9889	0.9910	0.9881
58.1	0.9810	0.9854	0.9716	0.9907	0.9866	0.9915	0.9873
58.2	0.9761	0.9810	0.9654	0.9886	0.9825	0.9895	0.9850
58.3	0.9833	0.9867	0.9695	0.9910	0.9875	0.9913	0.9895
58.4	0.9819	0.9853	0.9567	0.9907	0.9866	0.9893	0.9896
58.5	0.9781	0.9828	0.9132	0.9893	0.9846	0.9840	0.9877
58.6	0.9702	0.9746	0.9173	0.9845	0.9766	0.9773	0.9829
58.7	0.9728	0.9764	0.9529	0.9831	0.9781	0.9837	0.9809
58.8	0.9724	0.9755	0.9429	0.9823	0.9773	0.9839	0.9809
58.9	0.9805	0.9819	0.9532	0.9862	0.9830	0.9867	0.9862
59.0	0.9775	0.9790	0.9471	0.9861	0.9809	0.9872	0.9846
59.1	0.9798	0.9813	0.9488	0.9874	0.9826	0.9889	0.9852
59.2	0.9810	0.9820	0.9532	0.9880	0.9839	0.9898	0.9863
59.3	0.9799	0.9814	0.9472	0.9876	0.9833	0.9884	0.9865
59.4	0.9753	0.9791	0.9358	0.9887	0.9817	0.9897	0.9863
59.5	0.9700	0.9748	0.9293	0.9858	0.9779	0.9876	0.9828

59.6	0.9744	0.9772	0.9309	0.9873	0.9799	0.9877	0.9856
59.7	0.9756	0.9788	0.9371	0.9889	0.9814	0.9888	0.9874
59.8	0.9696	0.9707	0.8787	0.9257	0.9744	0.9872	0.9815
59.9	0.9710	0.9719	0.8840	0.0640	0.9754	0.9878	0.9798
60.0	0.9750	0.9748	0.8958	0.0609	0.9791	0.9879	0.9745
60.1	0.9783	0.9743	0.8656	0.0797	0.9784	0.9891	0.9842
60.2	0.9807	0.9756	0.8385	0.9535	0.9799	0.9887	0.9881
60.3	0.9740	0.9696	0.8093	0.9873	0.9757	0.9897	0.9876
60.4	0.9769	0.9693	0.7835	0.9898	0.9762	0.9919	0.9893
60.5	0.9745	0.9645	0.7344	0.9870	0.9721	0.9892	0.9856
60.6	0.9656	0.9609	0.6840	0.9849	0.9690	0.9853	0.9850
60.7	0.9752	0.9705	0.7349	0.9884	0.9768	0.9896	0.9886
60.8	0.9731	0.9712	0.7072	0.9881	0.9781	0.9896	0.9887
60.9	0.9730	0.9725	0.7959	0.9902	0.9792	0.9913	0.9899
61.0	0.9677	0.9713	0.8206	0.9877	0.9780	0.9887	0.9881
61.1	0.9608	0.9686	0.8409	0.9865	0.9758	0.9868	0.9842
61.2	0.9655	0.9755	0.8563	0.9869	0.9809	0.9860	0.9851
61.3	0.9738	0.9775	0.8607	0.9894	0.9835	0.9892	0.9886
61.4	0.9560	0.9580	0.8300	0.9821	0.9687	0.9817	0.9817
61.5	0.9465	0.9541	0.8771	0.9812	0.9657	0.9821	0.9796
61.6	0.9612	0.9674	0.9415	0.9861	0.9759	0.9864	0.9851
61.7	0.9463	0.9530	0.9286	0.9829	0.9660	0.9840	0.9814
61.8	0.9491	0.9430	0.9133	0.9841	0.9612	0.9861	0.9816
61.9	0.9613	0.9579	0.9339	0.9836	0.9687	0.9857	0.9830
62.0	0.9554	0.9450	0.9153	0.9825	0.9604	0.9853	0.9844
62.1	0.9424	0.9332	0.9277	0.9806	0.9540	0.9838	0.9774
62.2	0.9607	0.9605	0.9627	0.9879	0.9739	0.9884	0.9854
62.3	0.9589	0.9615	0.9587	0.9879	0.9738	0.9873	0.9876
62.4	0.9429	0.9446	0.9525	0.9812	0.9603	0.9836	0.9776
62.5	0.9618	0.9594	0.9676	0.9851	0.9704	0.9873	0.9841
62.6	0.9633	0.9626	0.9665	0.9865	0.9734	0.9870	0.9840
62.7	0.9533	0.9616	0.9620	0.9840	0.9707	0.9841	0.9826
62.8	0.9480	0.9619	0.9688	0.9821	0.9697	0.9796	0.9771
62.9	0.9461	0.9667	0.9656	0.9805	0.9716	0.9825	0.9741
63.0	0.9601	0.9716	0.9729	0.9825	0.9768	0.9855	0.9785
63.1	0.9628	0.9701	0.9658	0.9878	0.9763	0.9866	0.9823
63.2	0.9559	0.9644	0.9612	0.9850	0.9708	0.9848	0.9791
63.3	0.9450	0.9583	0.9603	0.9814	0.9657	0.9847	0.9721
63.4	0.9538	0.9679	0.9591	0.9848	0.9719	0.9882	0.9781
63.5	0.9595	0.9779	0.9681	0.9867	0.9797	0.9886	0.9808
63.6	0.9594	0.9746	0.9704	0.9848	0.9778	0.9859	0.9777
63.7	0.9706	0.9766	0.9765	0.9873	0.9795	0.9878	0.9819
63.8	0.9704	0.9810	0.9753	0.9880	0.9832	0.9884	0.9782
63.9	0.9653	0.9783	0.9646	0.9864	0.9816	0.9833	0.9744
64.0	0.9707	0.9807	0.9660	0.9875	0.9831	0.9823	0.9759
64.1	0.9659	0.9811	0.9693	0.9862	0.9836	0.9832	0.9672
64.2	0.9555	0.9781	0.9589	0.9835	0.9808	0.9812	0.9546
64.3	0.9697	0.9762	0.9676	0.9844	0.9796	0.9810	0.9674
64.4	0.9681	0.9757	0.9604	0.9854	0.9791	0.9783	0.9675
64.5	0.9648	0.9778	0.9552	0.9877	0.9818	0.9768	0.9631
64.6	0.9686	0.9816	0.9567	0.9881	0.9863	0.9798	0.9586
64.7	0.9757	0.9826	0.9676	0.9883	0.9867	0.9858	0.9640
64.8	0.9721	0.9799	0.9681	0.9868	0.9852	0.9845	0.9613
64.9	0.9729	0.9800	0.9695	0.9873	0.9846	0.9837	0.9669
65.0	0.9726	0.9804	0.9708	0.9896	0.9870	0.9869	0.9704
65.1	0.9591	0.9649	0.9509	0.9842	0.9768	0.9790	0.9465
65.2	0.9379	0.9578	0.9235	0.9808	0.9736	0.9681	0.9092
65.3	0.9490	0.9631	0.9504	0.9839	0.9768	0.9787	0.9304
65.4	0.9612	0.9656	0.9678	0.9867	0.9772	0.9850	0.9536
65.5	0.9543	0.9574	0.9543	0.9870	0.9747	0.9797	0.9359
65.6	0.9518	0.9510	0.9537	0.9859	0.9700	0.9788	0.9328
65.7	0.9410	0.9537	0.9429	0.9869	0.9735	0.9742	0.9230
65.8	0.9468	0.9576	0.9500	0.9889	0.9747	0.9765	0.9349
65.9	0.9239	0.9362	0.9385	0.9843	0.9630	0.9737	0.9107
66.0	0.9148	0.9209	0.9293	0.9803	0.9494	0.9706	0.8925
66.1	0.9157	0.9288	0.9387	0.9811	0.9527	0.9740	0.8965
66.2	0.8962	0.9325	0.9255	0.9797	0.9535	0.9636	0.8900
66.3	0.9043	0.9531	0.9324	0.9860	0.9673	0.9676	0.9183
66.4	0.9005	0.9442	0.9354	0.9854	0.9612	0.9747	0.9121
66.5	0.8961	0.9408	0.9290	0.9842	0.9591	0.9689	0.9099
66.6	0.8884	0.9461	0.9421	0.9807	0.9605	0.9714	0.9119
66.7	0.8826	0.9485	0.9405	0.9839	0.9633	0.9734	0.9057
66.8	0.8453	0.9272	0.9202	0.9772	0.9472	0.9654	0.8824
66.9	0.8196	0.9205	0.9227	0.9790	0.9427	0.9628	0.8863
67.0	0.8261	0.9240	0.9263	0.9730	0.9431	0.9626	0.8877
67.1	0.8354	0.9322	0.9259	0.9741	0.9498	0.9642	0.8918
67.2	0.8749	0.9447	0.9441	0.9800	0.9590	0.9718	0.9204
67.3	0.8584	0.9337	0.9462	0.9663	0.9490	0.9701	0.9196
67.4	0.8480	0.9284	0.9325	0.9763	0.9470	0.9609	0.9120
67.5	0.8024	0.9149	0.9162	0.9690	0.9349	0.9553	0.8863
67.6	0.8181	0.9139	0.9274	0.9630	0.9319	0.9654	0.8850
67.7	0.8409	0.9472	0.9476	0.9694	0.9576	0.9705	0.9278
67.8	0.8526	0.9468	0.9552	0.9616	0.9552	0.9751	0.9362
67.9	0.8165	0.9383	0.9452	0.9559	0.9510	0.9681	0.9254
68.0	0.7661	0.9328	0.9377	0.9426	0.9467	0.9670	0.9139
68.1	0.8232	0.9327	0.9430	0.9446	0.9452	0.9674	0.9179

68.2	0.8250	0.9402	0.9460	0.9583	0.9496	0.9663	0.9242
68.3	0.7962	0.9384	0.9438	0.9477	0.9491	0.9630	0.9261
68.4	0.8491	0.9554	0.9544	0.9575	0.9632	0.9662	0.9438
68.5	0.8121	0.9372	0.9360	0.9486	0.9469	0.9521	0.9237
68.6	0.7462	0.9172	0.9195	0.9211	0.9285	0.9369	0.8952
68.7	0.7939	0.9348	0.9359	0.9353	0.9424	0.9422	0.9210
68.8	0.8243	0.9444	0.9427	0.9351	0.9521	0.9494	0.9322
68.9	0.8667	0.9492	0.9452	0.9440	0.9569	0.9553	0.9380
69.0	0.9110	0.9674	0.9606	0.9562	0.9725	0.9646	0.9613
69.1	0.8962	0.9540	0.9555	0.9529	0.9602	0.9596	0.9484
69.2	0.8864	0.9506	0.9576	0.9510	0.9571	0.9602	0.9426
69.3	0.8702	0.9364	0.9468	0.9415	0.9449	0.9497	0.9247
69.4	0.8400	0.9284	0.9278	0.9343	0.9382	0.9357	0.8974
69.5	0.8356	0.9318	0.9243	0.9359	0.9367	0.9313	0.9148
69.6	0.8847	0.9541	0.9360	0.9488	0.9594	0.9423	0.9457
69.7	0.8967	0.9627	0.9374	0.9565	0.9655	0.9445	0.9497
69.8	0.9017	0.9543	0.9422	0.9550	0.9571	0.9494	0.9410
69.9	0.8932	0.9517	0.9377	0.9597	0.9544	0.9423	0.9458
70.0	0.8928	0.9440	0.9434	0.9557	0.9499	0.9449	0.9308
70.1	0.8851	0.9519	0.9420	0.9482	0.9530	0.9453	0.9375
70.2	0.8767	0.9605	0.9355	0.9581	0.9560	0.9359	0.9471
70.3	0.8811	0.9650	0.9405	0.9661	0.9595	0.9387	0.9453
70.4	0.8955	0.9454	0.9468	0.9595	0.9413	0.9431	0.9160
70.5	0.8486	0.9051	0.9230	0.9497	0.8934	0.9187	0.8797
70.6	0.8388	0.9140	0.9261	0.9580	0.8918	0.9198	0.8489
70.7	0.8485	0.9156	0.9203	0.9490	0.8931	0.9133	0.8339
70.8	0.8352	0.9075	0.9151	0.9463	0.8811	0.9125	0.8541
70.9	0.7965	0.8953	0.9071	0.9487	0.8490	0.8943	0.8285
71.0	0.7902	0.9013	0.9085	0.9533	0.8397	0.8937	0.8297
71.1	0.8199	0.9175	0.9312	0.9683	0.8490	0.9125	0.8839
71.2	0.8287	0.8949	0.9396	0.9721	0.8093	0.9239	0.9161
71.3	0.7244	0.8717	0.9031	0.9646	0.7646	0.8770	0.9116
71.4	0.7305	0.8613	0.8961	0.9579	0.7416	0.8739	0.9188
71.5	0.7739	0.9073	0.9051	0.9598	0.8389	0.8877	0.9294
71.6	0.7763	0.9199	0.9143	0.9659	0.8675	0.8952	0.9469
71.7	0.7066	0.9313	0.8863	0.9708	0.8898	0.8601	0.9500
71.8	0.7326	0.9176	0.8788	0.9631	0.8820	0.8444	0.9424
71.9	0.6537	0.8999	0.8531	0.9483	0.8722	0.8023	0.9257
72.0	0.6952	0.9059	0.8619	0.9474	0.8890	0.8198	0.9447
72.1	0.7206	0.9153	0.8804	0.9620	0.9007	0.8374	0.9543
72.2	0.7180	0.9254	0.8580	0.9589	0.9138	0.8203	0.9469
72.3	0.7745	0.9394	0.8889	0.9699	0.9323	0.8623	0.9676
72.4	0.7745	0.9419	0.9032	0.9745	0.9378	0.8914	0.9743
72.5	0.7888	0.9487	0.9016	0.9761	0.9450	0.8854	0.9748
72.6	0.7757	0.9519	0.8834	0.9757	0.9487	0.8508	0.9759
72.7	0.6878	0.9215	0.8442	0.9594	0.9181	0.8024	0.9599
72.8	0.7452	0.9196	0.8554	0.9603	0.9189	0.8325	0.9580
72.9	0.8075	0.9422	0.8383	0.9673	0.9434	0.8275	0.9676
73.0	0.8574	0.9467	0.8174	0.9666	0.9484	0.8127	0.9655
73.1	0.7955	0.9290	0.8192	0.9610	0.9270	0.8217	0.9500
73.2	0.7527	0.9156	0.7690	0.9588	0.9147	0.7762	0.9569
73.3	0.8251	0.9259	0.7470	0.9588	0.9299	0.7448	0.9611
73.4	0.7788	0.8911	0.7099	0.9431	0.8972	0.7076	0.9513
73.5	0.8228	0.9155	0.7153	0.9566	0.9227	0.7492	0.9568
73.6	0.8855	0.9379	0.7986	0.9628	0.9463	0.8118	0.9639
73.7	0.8363	0.9251	0.7734	0.9586	0.9289	0.7863	0.9436
73.8	0.8318	0.9092	0.7389	0.9470	0.9234	0.7642	0.9343
73.9	0.8130	0.8986	0.7806	0.9410	0.9090	0.7938	0.9455
74.0	0.8279	0.9153	0.7749	0.9525	0.9222	0.7996	0.9567
74.1	0.8225	0.9098	0.7485	0.9454	0.9163	0.7723	0.9493
74.2	0.7562	0.8795	0.7379	0.9333	0.8864	0.7612	0.9392
74.3	0.7837	0.8933	0.7441	0.9385	0.9025	0.7755	0.9367
74.4	0.8030	0.8893	0.7565	0.9308	0.9010	0.7785	0.9393
74.5	0.7082	0.8560	0.6942	0.9203	0.8603	0.7480	0.9311
74.6	0.6926	0.8456	0.6593	0.9179	0.8506	0.7137	0.9304
74.7	0.7290	0.8520	0.6974	0.9213	0.8595	0.7239	0.9291
74.8	0.7985	0.8817	0.7313	0.9357	0.8904	0.7498	0.9355
74.9	0.7872	0.8852	0.6921	0.9300	0.8862	0.7334	0.9214
75.0	0.7654	0.8639	0.6835	0.9186	0.8666	0.7297	0.9120
75.1	0.7942	0.8820	0.7637	0.9295	0.8851	0.7986	0.9315
75.2	0.7688	0.8605	0.7295	0.9123	0.8708	0.7539	0.9190
75.3	0.7373	0.8408	0.7685	0.9020	0.8511	0.7643	0.9128
75.4	0.7631	0.8492	0.7406	0.9028	0.8641	0.7295	0.8973
75.5	0.7631	0.8457	0.8009	0.8985	0.8692	0.8007	0.8483
75.6	0.7713	0.8697	0.8211	0.9106	0.8728	0.8274	0.8760
75.7	0.7710	0.8650	0.8549	0.9125	0.8819	0.8433	0.8894
75.8	0.7856	0.8786	0.8126	0.9145	0.8915	0.7951	0.8995
75.9	0.8016	0.8726	0.7944	0.9110	0.8831	0.7641	0.8578
76.0	0.7789	0.8678	0.8437	0.9145	0.8801	0.8248	0.8575
76.1	0.7037	0.7945	0.8756	0.8750	0.8436	0.8500	0.8333
76.2	0.7197	0.7868	0.8658	0.8509	0.8291	0.8375	0.8102
76.3	0.7380	0.8015	0.8197	0.8556	0.8317	0.7866	0.7688
76.4	0.7746	0.8471	0.7967	0.8949	0.8719	0.7567	0.8066
76.5	0.7578	0.8416	0.8253	0.9011	0.8765	0.7893	0.8380
76.6	0.8162	0.8743	0.8840	0.9226	0.9013	0.8645	0.8749
76.7	0.8044	0.8649	0.8916	0.9135	0.8982	0.8716	0.8663

76.8	0.8091	0.8586	0.8699	0.9143	0.9022	0.8327	0.8002
76.9	0.7963	0.8386	0.8605	0.9005	0.8905	0.8171	0.7971
77.0	0.8187	0.8515	0.8282	0.9072	0.9001	0.7708	0.7961
77.1	0.8443	0.8855	0.8536	0.9261	0.9166	0.7986	0.8370
77.2	0.8725	0.9039	0.8992	0.9384	0.9361	0.8569	0.8444
77.3	0.8680	0.9056	0.8930	0.9441	0.9380	0.8431	0.8769
77.4	0.8615	0.8909	0.8950	0.9425	0.9350	0.8447	0.8705
77.5	0.8456	0.8860	0.8455	0.9364	0.9287	0.7683	0.8368
77.6	0.8517	0.8845	0.8968	0.9293	0.9277	0.8523	0.8596
77.7	0.8452	0.8710	0.9030	0.9161	0.9183	0.8739	0.8590
77.8	0.8868	0.9082	0.8879	0.9377	0.9362	0.8290	0.9024
77.9	0.8951	0.9203	0.9066	0.9496	0.9464	0.8477	0.9052
78.0	0.8549	0.9014	0.9001	0.9396	0.9318	0.8469	0.8886
78.1	0.8421	0.8888	0.9071	0.9303	0.9268	0.8542	0.8825
78.2	0.8119	0.8630	0.9106	0.9230	0.9152	0.8381	0.8673
78.3	0.8561	0.9031	0.9084	0.9538	0.9457	0.8172	0.8963
78.4	0.8791	0.9118	0.9325	0.9503	0.9465	0.8785	0.9011
78.5	0.8664	0.9092	0.9155	0.9492	0.9409	0.8365	0.9069
78.6	0.8972	0.9347	0.9111	0.9598	0.9516	0.8143	0.9406
78.7	0.9200	0.9542	0.9191	0.9685	0.9635	0.8426	0.9510
78.8	0.9158	0.9481	0.9139	0.9645	0.9627	0.8291	0.9462
78.9	0.9054	0.9454	0.9114	0.9631	0.9600	0.8327	0.9352
79.0	0.8918	0.9419	0.8914	0.9601	0.9514	0.7852	0.9282
79.1	0.8869	0.9428	0.8694	0.9601	0.9510	0.6973	0.9281
79.2	0.9030	0.9535	0.8947	0.9681	0.9584	0.7573	0.9420
79.3	0.8659	0.9350	0.9134	0.9605	0.9462	0.7754	0.9231
79.4	0.8198	0.9056	0.9148	0.9413	0.9279	0.7777	0.8894
79.5	0.8781	0.9407	0.8649	0.9652	0.9556	0.6490	0.9288
79.6	0.9258	0.9656	0.8768	0.9764	0.9684	0.6926	0.9543
79.7	0.9180	0.9597	0.9057	0.9724	0.9641	0.7615	0.9456
79.8	0.9180	0.9582	0.8874	0.9719	0.9644	0.7160	0.9444
79.9	0.9296	0.9642	0.8821	0.9752	0.9701	0.7360	0.9564
80.0	0.9359	0.9675	0.8523	0.9691	0.9670	0.7530	0.9640

2.2.37 Run 4 – IP050 – Accels 1–8

In-plane shaking at 50°. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.9277	0.9537	0.3998	0.9558	0.2747	0.5129	0.3390	0.7906
0.1	0.7328	0.7729	0.1944	0.7827	0.0543	0.2580	0.1967	0.4224
0.2	0.0022	0.0092	0.0110	0.0249	0.0040	0.0030	0.0000	0.0103
0.3	0.0114	0.0142	0.0094	0.0388	0.0043	0.0137	0.0015	0.0008
0.4	0.0023	0.0039	0.0163	0.0020	0.0015	0.0187	0.0021	0.0098
0.5	0.0542	0.0141	0.0045	0.0064	0.0232	0.0056	0.0125	0.0418
0.6	0.0863	0.0260	0.0092	0.0646	0.0385	0.0078	0.0024	0.0408
0.7	0.1922	0.0457	0.0105	0.0786	0.1092	0.0176	0.0008	0.0196
0.8	0.4116	0.3062	0.0957	0.0312	0.2939	0.3529	0.0531	0.1401
0.9	0.6634	0.5896	0.3796	0.0166	0.7219	0.6941	0.1056	0.4497
1.0	0.8173	0.4774	0.2669	0.0054	0.8772	0.7225	0.0241	0.6607
1.1	0.5465	0.3513	0.0493	0.0022	0.7761	0.5686	0.0266	0.5453
1.2	0.6243	0.7008	0.2287	0.0125	0.9268	0.7377	0.0292	0.6319
1.3	0.8780	0.8942	0.5892	0.0321	0.9669	0.8019	0.0316	0.5072
1.4	0.9241	0.9324	0.7443	0.0358	0.9746	0.8063	0.1248	0.0149
1.5	0.9469	0.9489	0.7990	0.1709	0.9559	0.8476	0.5622	0.3016
1.6	0.9571	0.9642	0.8383	0.2464	0.9778	0.9190	0.7717	0.8224
1.7	0.9493	0.9530	0.8213	0.3380	0.9773	0.9013	0.8459	0.9677
1.8	0.9454	0.9497	0.8140	0.4099	0.9789	0.8849	0.8858	0.9784
1.9	0.9129	0.9169	0.7791	0.4185	0.9653	0.8241	0.9319	0.9742
2.0	0.9284	0.9314	0.8502	0.4742	0.9425	0.8528	0.9082	0.9718
2.1	0.8925	0.8950	0.9042	0.5867	0.8973	0.8866	0.9050	0.9123
2.2	0.8262	0.8312	0.8769	0.6902	0.8337	0.9102	0.8557	0.8391
2.3	0.3685	0.3789	0.4804	0.2797	0.3879	0.8387	0.4213	0.3854
2.4	0.6756	0.6666	0.4546	0.5258	0.6359	0.7958	0.5679	0.6494
2.5	0.9182	0.9074	0.8215	0.7338	0.9267	0.9159	0.8768	0.9306
2.6	0.9646	0.9591	0.9321	0.7904	0.9837	0.9645	0.9403	0.9845
2.7	0.9687	0.9621	0.9300	0.7300	0.9900	0.9770	0.9308	0.9905
2.8	0.9417	0.9146	0.8767	0.5379	0.9883	0.9709	0.8534	0.9896
2.9	0.9481	0.9118	0.9029	0.5819	0.9959	0.9804	0.7837	0.9957
3.0	0.9456	0.8698	0.8625	0.6406	0.9967	0.9856	0.4606	0.9971
3.1	0.8895	0.7002	0.8436	0.6708	0.9974	0.9883	0.2931	0.9977
3.2	0.7765	0.7017	0.8078	0.6298	0.9980	0.9901	0.6567	0.9983
3.3	0.6582	0.8035	0.7498	0.5558	0.9984	0.9903	0.8562	0.9985
3.4	0.7003	0.9072	0.6667	0.4880	0.9982	0.9906	0.8920	0.9983
3.5	0.9231	0.9725	0.6471	0.3924	0.9993	0.9933	0.9616	0.9991
3.6	0.9395	0.9703	0.4990	0.3795	0.9993	0.9912	0.9768	0.9991
3.7	0.9678	0.9843	0.4707	0.4208	0.9995	0.9923	0.9853	0.9994
3.8	0.9756	0.9862	0.4193	0.4386	0.9994	0.9917	0.9891	0.9994
3.9	0.9832	0.9900	0.1749	0.3661	0.9993	0.9933	0.9877	0.9994
4.0	0.9867	0.9916	0.1581	0.1747	0.9994	0.9945	0.9892	0.9994
4.1	0.9883	0.9918	0.0982	0.1498	0.9992	0.9954	0.9915	0.9994
4.2	0.9904	0.9927	0.1721	0.0831	0.9991	0.9954	0.9920	0.9993
4.3	0.9913	0.9929	0.3434	0.0219	0.9992	0.9952	0.9948	0.9992
4.4	0.9927	0.9945	0.4567	0.0659	0.9990	0.9975	0.9946	0.9993
4.5	0.9961	0.9967	0.5739	0.0248	0.9992	0.9985	0.9965	0.9995
4.6	0.9963	0.9969	0.5231	0.0195	0.9989	0.9979	0.9958	0.9994
4.7	0.9956	0.9963	0.6614	0.0934	0.9981	0.9981	0.9953	0.9991
4.8	0.9964	0.9971	0.7711	0.2673	0.9980	0.9983	0.9961	0.9992
4.9	0.9959	0.9963	0.7650	0.2702	0.9977	0.9975	0.9942	0.9989
5.0	0.9965	0.9971	0.7809	0.2995	0.9966	0.9977	0.9955	0.9988
5.1	0.9974	0.9976	0.8244	0.5424	0.9963	0.9981	0.9958	0.9987
5.2	0.9962	0.9964	0.8064	0.5318	0.9943	0.9978	0.9927	0.9981
5.3	0.9976	0.9977	0.8904	0.6994	0.9954	0.9983	0.9977	0.9981
5.4	0.9980	0.9979	0.9156	0.8108	0.9958	0.9981	0.9973	0.9985
5.5	0.9975	0.9976	0.9089	0.8755	0.9960	0.9974	0.9967	0.9987
5.6	0.9974	0.9976	0.8798	0.8338	0.9923	0.9956	0.9944	0.9978
5.7	0.9968	0.9971	0.8807	0.8353	0.9896	0.9945	0.9924	0.9971
5.8	0.9976	0.9978	0.9348	0.9111	0.9899	0.9962	0.9957	0.9975
5.9	0.9979	0.9980	0.9368	0.9155	0.9869	0.9955	0.9966	0.9964
6.0	0.9975	0.9977	0.9368	0.9220	0.9868	0.9947	0.9953	0.9965
6.1	0.9974	0.9976	0.9557	0.9553	0.9895	0.9964	0.9957	0.9969
6.2	0.9978	0.9980	0.9591	0.9621	0.9884	0.9972	0.9940	0.9970
6.3	0.9972	0.9974	0.9440	0.9563	0.9866	0.9961	0.9900	0.9968
6.4	0.9968	0.9972	0.9464	0.9731	0.9845	0.9971	0.9907	0.9964
6.5	0.9968	0.9972	0.9489	0.9744	0.9850	0.9967	0.9889	0.9967
6.6	0.9969	0.9974	0.9506	0.9712	0.9786	0.9962	0.9877	0.9942
6.7	0.9967	0.9970	0.9572	0.9722	0.9845	0.9969	0.9828	0.9953
6.8	0.9964	0.9965	0.9534	0.9588	0.9860	0.9972	0.9720	0.9949
6.9	0.9957	0.9960	0.9553	0.9478	0.9844	0.9967	0.9609	0.9897
7.0	0.9937	0.9943	0.9401	0.9255	0.9820	0.9969	0.9377	0.9800
7.1	0.9874	0.9888	0.8890	0.8476	0.9716	0.9952	0.8624	0.9314
7.2	0.9875	0.9890	0.9072	0.8820	0.9790	0.9962	0.8831	0.9228
7.3	0.9963	0.9966	0.9730	0.9637	0.9827	0.9966	0.9624	0.9605
7.4	0.9920	0.9927	0.9338	0.9367	0.9814	0.9938	0.9268	0.8733
7.5	0.9930	0.9936	0.9452	0.9549	0.9782	0.9966	0.9405	0.8313
7.6	0.9952	0.9958	0.9613	0.9819	0.9822	0.9966	0.9719	0.9530
7.7	0.9928	0.9939	0.9415	0.9908	0.9791	0.9964	0.9848	0.9786
7.8	0.9970	0.9975	0.9712	0.9948	0.9831	0.9978	0.9945	0.9912
7.9	0.9975	0.9981	0.9807	0.9942	0.9832	0.9979	0.9946	0.9932

8.0	0.9964	0.9976	0.9718	0.9934	0.9826	0.9971	0.9913	0.9926
8.1	0.9962	0.9975	0.9756	0.9936	0.9848	0.9973	0.9944	0.9948
8.2	0.9938	0.9962	0.9637	0.9947	0.9850	0.9973	0.9940	0.9933
8.3	0.9964	0.9978	0.9553	0.9955	0.9859	0.9968	0.9949	0.9927
8.4	0.9955	0.9971	0.9542	0.9954	0.9836	0.9957	0.9958	0.9941
8.5	0.9906	0.9955	0.9480	0.9939	0.9851	0.9947	0.9968	0.9918
8.6	0.9928	0.9970	0.9656	0.9938	0.9868	0.9942	0.9973	0.9947
8.7	0.9965	0.9978	0.9744	0.9956	0.9898	0.9960	0.9970	0.9961
8.8	0.9955	0.9966	0.9611	0.9930	0.9917	0.9945	0.9977	0.9921
8.9	0.9954	0.9967	0.9698	0.9911	0.9879	0.9945	0.9972	0.9894
9.0	0.9940	0.9948	0.9449	0.9801	0.9842	0.9897	0.9943	0.9770
9.1	0.9918	0.9931	0.9595	0.9812	0.9859	0.9843	0.9899	0.9798
9.2	0.9793	0.9824	0.8918	0.9353	0.9791	0.9741	0.9678	0.9318
9.3	0.9743	0.9782	0.9038	0.9106	0.9819	0.9666	0.9458	0.9157
9.4	0.9771	0.9806	0.9559	0.9398	0.9907	0.9814	0.9465	0.9487
9.5	0.9813	0.9849	0.9735	0.9545	0.9941	0.9886	0.9525	0.9592
9.6	0.9807	0.9861	0.9826	0.9597	0.9953	0.9914	0.9481	0.9635
9.7	0.9893	0.9916	0.9921	0.9691	0.9972	0.9942	0.9698	0.9743
9.8	0.9934	0.9944	0.9948	0.9667	0.9964	0.9944	0.9789	0.9768
9.9	0.9938	0.9946	0.9971	0.9692	0.9970	0.9962	0.9881	0.9815
10.0	0.9941	0.9952	0.9981	0.9767	0.9969	0.9953	0.9914	0.9870
10.1	0.9944	0.9955	0.9984	0.9645	0.9966	0.9959	0.9932	0.9801
10.2	0.9952	0.9961	0.9984	0.9669	0.9962	0.9963	0.9936	0.9828
10.3	0.9950	0.9958	0.9984	0.9551	0.9960	0.9949	0.9900	0.9812
10.4	0.9958	0.9965	0.9983	0.9439	0.9965	0.9955	0.9847	0.9809
10.5	0.9962	0.9964	0.9980	0.9118	0.9959	0.9942	0.9807	0.9701
10.6	0.9951	0.9957	0.9980	0.8801	0.9957	0.9939	0.9826	0.9573
10.7	0.9969	0.9973	0.9977	0.8392	0.9967	0.9965	0.9855	0.9517
10.8	0.9950	0.9958	0.9976	0.7464	0.9973	0.9967	0.9910	0.9414
10.9	0.9945	0.9962	0.9970	0.5817	0.9968	0.9960	0.9931	0.9239
11.0	0.9946	0.9958	0.9957	0.4218	0.9956	0.9943	0.9871	0.8761
11.1	0.9956	0.9960	0.9956	0.4442	0.9959	0.9964	0.9893	0.9086
11.2	0.9953	0.9959	0.9955	0.4450	0.9955	0.9971	0.9911	0.8937
11.3	0.9939	0.9955	0.9936	0.3709	0.9961	0.9966	0.9922	0.9399
11.4	0.9949	0.9962	0.9937	0.5718	0.9966	0.9971	0.9939	0.9592
11.5	0.9951	0.9956	0.9943	0.6339	0.9959	0.9969	0.9921	0.9472
11.6	0.9950	0.9956	0.9943	0.6802	0.9959	0.9968	0.9918	0.9613
11.7	0.9950	0.9958	0.9932	0.8232	0.9972	0.9975	0.9924	0.9834
11.8	0.9955	0.9961	0.9936	0.8928	0.9976	0.9970	0.9930	0.9823
11.9	0.9953	0.9960	0.9945	0.9095	0.9971	0.9969	0.9913	0.9833
12.0	0.9959	0.9967	0.9937	0.9152	0.9976	0.9969	0.9939	0.9904
12.1	0.9949	0.9959	0.9940	0.9143	0.9973	0.9974	0.9925	0.9906
12.2	0.9949	0.9955	0.9949	0.9151	0.9970	0.9970	0.9924	0.9922
12.3	0.9944	0.9955	0.9946	0.9171	0.9968	0.9954	0.9893	0.9916
12.4	0.9942	0.9947	0.9951	0.9288	0.9955	0.9958	0.9852	0.9902
12.5	0.9937	0.9944	0.9948	0.9259	0.9959	0.9953	0.9859	0.9925
12.6	0.9949	0.9959	0.9947	0.9260	0.9972	0.9952	0.9891	0.9936
12.7	0.9940	0.9953	0.9951	0.9321	0.9963	0.9939	0.9822	0.9932
12.8	0.9917	0.9931	0.9949	0.9233	0.9942	0.9933	0.9708	0.9907
12.9	0.9894	0.9903	0.9938	0.8908	0.9918	0.9896	0.9643	0.9843
13.0	0.9910	0.9921	0.9925	0.9192	0.9929	0.9935	0.9633	0.9824
13.1	0.9916	0.9928	0.9922	0.9226	0.9936	0.9956	0.9610	0.9861
13.2	0.9909	0.9922	0.9926	0.9283	0.9938	0.9960	0.9498	0.9732
13.3	0.9913	0.9923	0.9930	0.9169	0.9942	0.9970	0.9488	0.9679
13.4	0.9923	0.9931	0.9924	0.9165	0.9942	0.9965	0.9126	0.9650
13.5	0.9924	0.9932	0.9942	0.9412	0.9951	0.9967	0.9220	0.9712
13.6	0.9881	0.9891	0.9956	0.9459	0.9919	0.9953	0.9058	0.9645
13.7	0.9893	0.9902	0.9947	0.9504	0.9908	0.9942	0.9340	0.9711
13.8	0.9910	0.9918	0.9953	0.9629	0.9911	0.9961	0.9461	0.9806
13.9	0.9874	0.9883	0.9934	0.9598	0.9917	0.9944	0.9350	0.9762
14.0	0.9849	0.9859	0.9913	0.9612	0.9898	0.9918	0.9298	0.9766
14.1	0.9856	0.9866	0.9940	0.9721	0.9886	0.9938	0.9682	0.9807
14.2	0.9871	0.9879	0.9928	0.9724	0.9905	0.9939	0.9725	0.9823
14.3	0.9863	0.9870	0.9927	0.9681	0.9891	0.9935	0.9683	0.9815
14.4	0.9824	0.9831	0.9911	0.9601	0.9844	0.9911	0.9448	0.9783
14.5	0.9775	0.9786	0.9831	0.9565	0.9796	0.9881	0.9241	0.9699
14.6	0.9751	0.9761	0.9866	0.9339	0.9829	0.9898	0.9232	0.9623
14.7	0.9765	0.9773	0.9879	0.9090	0.9786	0.9880	0.9108	0.9604
14.8	0.9751	0.9760	0.9887	0.9196	0.9735	0.9848	0.9178	0.9666
14.9	0.9796	0.9806	0.9908	0.9194	0.9805	0.9866	0.9583	0.9656
15.0	0.9716	0.9723	0.9862	0.8948	0.9758	0.9829	0.9492	0.9554
15.1	0.9567	0.9578	0.9700	0.7565	0.9642	0.9738	0.9401	0.9319
15.2	0.9563	0.9569	0.9631	0.4951	0.9593	0.9779	0.9604	0.9387
15.3	0.9529	0.9537	0.9561	0.1106	0.9559	0.9759	0.9450	0.9475
15.4	0.9144	0.9153	0.9292	0.5112	0.9241	0.9531	0.9074	0.9136
15.5	0.9258	0.9260	0.9211	0.7305	0.9290	0.9527	0.9153	0.9194
15.6	0.9315	0.9313	0.9067	0.8028	0.9316	0.9515	0.9109	0.9114
15.7	0.8977	0.8978	0.8493	0.7671	0.9075	0.9288	0.8573	0.8919
15.8	0.9191	0.9188	0.8757	0.8404	0.9050	0.9268	0.8261	0.8999
15.9	0.9625	0.9619	0.9380	0.9186	0.9304	0.9550	0.8986	0.9264
16.0	0.9805	0.9802	0.9384	0.9468	0.9570	0.9728	0.9335	0.9595
16.1	0.9789	0.9783	0.9532	0.9591	0.9570	0.9715	0.9298	0.9617
16.2	0.9800	0.9792	0.9435	0.9487	0.9486	0.9709	0.9398	0.9581
16.3	0.9808	0.9799	0.9271	0.9438	0.9435	0.9718	0.8942	0.9515
16.4	0.9763	0.9754	0.9158	0.9382	0.9459	0.9700	0.8178	0.9507
16.5	0.9653	0.9639	0.8802	0.9072	0.9219	0.9703	0.6256	0.9360

16.6	0.9655	0.9639	0.8642	0.9088	0.9213	0.9760	0.6954	0.9370
16.7	0.9636	0.9619	0.8443	0.9112	0.9166	0.9761	0.8138	0.9278
16.8	0.9669	0.9650	0.8414	0.9185	0.9248	0.9758	0.8031	0.9279
16.9	0.9712	0.9694	0.8469	0.9242	0.9328	0.9761	0.6891	0.9250
17.0	0.9742	0.9726	0.8544	0.9281	0.9376	0.9842	0.8442	0.9303
17.1	0.9849	0.9839	0.8826	0.9516	0.9577	0.9859	0.8514	0.9579
17.2	0.9814	0.9801	0.8634	0.9482	0.9414	0.9890	0.9172	0.9401
17.3	0.9830	0.9817	0.8565	0.9441	0.9411	0.9922	0.9435	0.9404
17.4	0.9888	0.9878	0.8877	0.9527	0.9592	0.9933	0.9564	0.9586
17.5	0.9892	0.9883	0.8885	0.9559	0.9617	0.9934	0.9547	0.9624
17.6	0.9893	0.9884	0.8866	0.9567	0.9599	0.9945	0.9617	0.9623
17.7	0.9929	0.9922	0.9206	0.9711	0.9704	0.9954	0.9645	0.9726
17.8	0.9915	0.9908	0.9080	0.9631	0.9689	0.9950	0.9694	0.9718
17.9	0.9915	0.9907	0.8742	0.9555	0.9638	0.9950	0.9637	0.9690
18.0	0.9929	0.9922	0.8828	0.9665	0.9675	0.9953	0.9636	0.9732
18.1	0.9947	0.9942	0.8971	0.9714	0.9740	0.9950	0.9650	0.9796
18.2	0.9949	0.9943	0.8967	0.9709	0.9751	0.9958	0.9652	0.9803
18.3	0.9950	0.9944	0.8926	0.9733	0.9800	0.9941	0.9645	0.9824
18.4	0.9950	0.9944	0.8967	0.9631	0.9763	0.9941	0.8702	0.9835
18.5	0.9965	0.9961	0.9052	0.9522	0.9748	0.9949	0.1030	0.9870
18.6	0.9976	0.9973	0.8982	0.9680	0.9820	0.9948	0.6849	0.9884
18.7	0.9979	0.9976	0.8434	0.9684	0.9845	0.9932	0.9133	0.9862
18.8	0.9981	0.9979	0.8083	0.9808	0.9869	0.9954	0.9745	0.9906
18.9	0.9978	0.9975	0.7330	0.9806	0.9888	0.9947	0.9831	0.9897
19.0	0.9981	0.9979	0.6674	0.9820	0.9872	0.9941	0.9882	0.9894
19.1	0.9988	0.9986	0.6712	0.9833	0.9881	0.9935	0.9891	0.9918
19.2	0.9984	0.9981	0.6918	0.9803	0.9877	0.9931	0.9867	0.9901
19.3	0.9982	0.9979	0.7358	0.9834	0.9859	0.9937	0.9896	0.9907
19.4	0.9983	0.9981	0.7623	0.9810	0.9853	0.9943	0.9904	0.9914
19.5	0.9982	0.9979	0.7163	0.9718	0.9813	0.9946	0.9865	0.9885
19.6	0.9989	0.9987	0.7937	0.9785	0.9868	0.9953	0.9872	0.9915
19.7	0.9986	0.9984	0.7757	0.9702	0.9841	0.9947	0.9848	0.9913
19.8	0.9987	0.9985	0.8230	0.9606	0.9808	0.9955	0.9862	0.9917
19.9	0.9988	0.9986	0.8279	0.9655	0.9825	0.9956	0.9880	0.9931
20.0	0.9991	0.9989	0.8742	0.9705	0.9850	0.9951	0.9902	0.9940
20.1	0.9993	0.9991	0.8685	0.9694	0.9848	0.9950	0.9908	0.9938
20.2	0.9990	0.9988	0.8522	0.9563	0.9803	0.9935	0.9874	0.9920
20.3	0.9989	0.9986	0.8607	0.9660	0.9803	0.9952	0.9894	0.9908
20.4	0.9992	0.9990	0.8795	0.9475	0.9796	0.9935	0.9884	0.9899
20.5	0.9993	0.9991	0.8880	0.9384	0.9830	0.9920	0.9891	0.9887
20.6	0.9991	0.9988	0.8432	0.9318	0.9793	0.9909	0.9864	0.9844
20.7	0.9992	0.9990	0.8627	0.9265	0.9749	0.9933	0.9881	0.9854
20.8	0.9994	0.9992	0.8654	0.9300	0.9772	0.9942	0.9868	0.9858
20.9	0.9993	0.9991	0.8241	0.8901	0.9739	0.9896	0.9824	0.9760
21.0	0.9993	0.9990	0.8174	0.8815	0.9665	0.9895	0.9836	0.9693
21.1	0.9991	0.9989	0.7810	0.8789	0.9552	0.9855	0.9792	0.9524
21.2	0.9991	0.9989	0.7916	0.9111	0.9714	0.9835	0.9860	0.9424
21.3	0.9993	0.9992	0.7638	0.9227	0.9747	0.9812	0.9891	0.9247
21.4	0.9994	0.9991	0.7339	0.9221	0.9733	0.9838	0.9852	0.9328
21.5	0.9993	0.9991	0.7247	0.8556	0.9670	0.9834	0.9828	0.9061
21.6	0.9993	0.9991	0.7013	0.8480	0.9640	0.9802	0.9850	0.8844
21.7	0.9995	0.9993	0.7751	0.8799	0.9626	0.9842	0.9860	0.9061
21.8	0.9995	0.9994	0.7663	0.8282	0.9637	0.9762	0.9849	0.8843
21.9	0.9992	0.9989	0.6872	0.8107	0.9655	0.9641	0.9768	0.8737
22.0	0.9992	0.9990	0.7505	0.8628	0.9727	0.9606	0.9793	0.8823
22.1	0.9994	0.9991	0.8067	0.8608	0.9583	0.9697	0.9835	0.8842
22.2	0.9994	0.9991	0.8146	0.8706	0.9591	0.9750	0.9848	0.9006
22.3	0.9994	0.9992	0.8106	0.8679	0.9601	0.9677	0.9852	0.9024
22.4	0.9993	0.9990	0.8313	0.8544	0.9513	0.9625	0.9816	0.9091
22.5	0.9995	0.9994	0.8865	0.8986	0.9604	0.9738	0.9860	0.9363
22.6	0.9994	0.9991	0.8505	0.8574	0.9573	0.9655	0.9829	0.9164
22.7	0.9993	0.9990	0.8430	0.8519	0.9463	0.9580	0.9818	0.8976
22.8	0.9993	0.9990	0.8996	0.8896	0.9595	0.9665	0.9846	0.9272
22.9	0.9991	0.9986	0.8678	0.8917	0.9475	0.9564	0.9789	0.9136
23.0	0.9992	0.9987	0.8550	0.9079	0.9490	0.9661	0.9801	0.9236
23.1	0.9993	0.9990	0.8711	0.8854	0.9513	0.9615	0.9838	0.9262
23.2	0.9995	0.9993	0.8794	0.9079	0.9550	0.9678	0.9867	0.9244
23.3	0.9994	0.9991	0.8896	0.9251	0.9422	0.9600	0.9826	0.9088
23.4	0.9993	0.9990	0.8750	0.9171	0.9383	0.9487	0.9852	0.8876
23.5	0.9994	0.9991	0.8149	0.8936	0.9335	0.9514	0.9829	0.8996
23.6	0.9991	0.9987	0.7372	0.9015	0.8981	0.9538	0.9770	0.8773
23.7	0.9993	0.9990	0.7836	0.9143	0.9119	0.9536	0.9838	0.8857
23.8	0.9995	0.9991	0.7830	0.9215	0.9329	0.9503	0.9797	0.8855
23.9	0.9995	0.9991	0.7757	0.9302	0.9094	0.9412	0.9797	0.9004
24.0	0.9995	0.9992	0.7632	0.9382	0.9167	0.9431	0.9842	0.9098
24.1	0.9993	0.9989	0.7347	0.9283	0.9276	0.9216	0.9764	0.8795
24.2	0.9991	0.9984	0.6049	0.8962	0.8858	0.9034	0.9638	0.8220
24.3	0.9991	0.9986	0.6630	0.8902	0.8823	0.8859	0.9636	0.8145
24.4	0.9992	0.9987	0.6856	0.8980	0.8697	0.8597	0.9648	0.8294
24.5	0.9992	0.9986	0.7137	0.9202	0.8738	0.8690	0.9617	0.8170
24.6	0.9993	0.9987	0.6176	0.9168	0.8833	0.8957	0.9611	0.8302
24.7	0.9991	0.9983	0.5439	0.9254	0.8987	0.8433	0.9484	0.7920
24.8	0.9994	0.9990	0.6633	0.9297	0.9201	0.8505	0.9686	0.7864
24.9	0.9994	0.9991	0.6838	0.9315	0.9003	0.8318	0.9671	0.7229
25.0	0.9995	0.9991	0.6672	0.9476	0.9143	0.8610	0.9610	0.7568
25.1	0.9993	0.9987	0.5231	0.9213	0.9000	0.8001	0.9511	0.7240

25.2	0.9994	0.9988	0.5870	0.9237	0.8567	0.7581	0.9595	0.6519
25.3	0.9994	0.9988	0.7043	0.9125	0.8216	0.6450	0.9553	0.6169
25.4	0.9994	0.9990	0.7173	0.9262	0.8480	0.6350	0.9490	0.5406
25.5	0.9995	0.9992	0.7020	0.9297	0.8739	0.7265	0.9510	0.4900
25.6	0.9995	0.9991	0.6821	0.9333	0.8877	0.7426	0.9548	0.5573
25.7	0.9992	0.9986	0.6718	0.9298	0.8657	0.6557	0.9257	0.4739
25.8	0.9994	0.9990	0.7293	0.9343	0.9052	0.7203	0.9458	0.4242
25.9	0.9995	0.9991	0.7366	0.9408	0.9145	0.7957	0.9576	0.3722
26.0	0.9996	0.9993	0.8163	0.9320	0.8870	0.8222	0.9631	0.4516
26.1	0.9995	0.9991	0.7997	0.9444	0.8505	0.8484	0.9556	0.2900
26.2	0.9993	0.9987	0.7527	0.9175	0.7798	0.8075	0.9407	0.1927
26.3	0.9993	0.9985	0.7833	0.9076	0.6494	0.7863	0.9287	0.3030
26.4	0.9994	0.9989	0.8260	0.8793	0.6948	0.8498	0.9390	0.4241
26.5	0.9994	0.9990	0.7980	0.8732	0.7053	0.8960	0.9399	0.3816
26.6	0.9995	0.9991	0.8340	0.8948	0.7756	0.9270	0.9378	0.5626
26.7	0.9993	0.9988	0.8444	0.8903	0.7421	0.9155	0.9263	0.6391
26.8	0.9992	0.9986	0.8348	0.8969	0.6889	0.9428	0.9045	0.7496
26.9	0.9991	0.9987	0.8223	0.8997	0.6866	0.9378	0.8969	0.7790
27.0	0.9990	0.9985	0.8380	0.9006	0.6133	0.9226	0.8816	0.8213
27.1	0.9990	0.9986	0.8408	0.9020	0.6033	0.9374	0.8855	0.8559
27.2	0.9990	0.9986	0.8662	0.9151	0.5409	0.9529	0.8700	0.8890
27.3	0.9989	0.9986	0.8806	0.9128	0.4501	0.9447	0.8613	0.8940
27.4	0.9990	0.9988	0.9237	0.9402	0.5471	0.9411	0.8851	0.9297
27.5	0.9988	0.9985	0.9090	0.9367	0.5586	0.9252	0.8255	0.9143
27.6	0.9986	0.9981	0.8967	0.9305	0.5180	0.8863	0.7640	0.8995
27.7	0.9987	0.9983	0.9131	0.9243	0.5483	0.9094	0.7273	0.9210
27.8	0.9990	0.9985	0.9437	0.9344	0.5588	0.8888	0.6714	0.9349
27.9	0.9988	0.9981	0.9509	0.9444	0.5822	0.8656	0.5731	0.9211
28.0	0.9985	0.9979	0.9544	0.9526	0.4766	0.7938	0.4912	0.9207
28.1	0.9989	0.9987	0.9745	0.9672	0.6042	0.8333	0.5727	0.9525
28.2	0.9988	0.9983	0.9704	0.9580	0.5631	0.7355	0.5320	0.9407
28.3	0.9986	0.9978	0.9675	0.9383	0.5077	0.5769	0.4720	0.9217
28.4	0.9985	0.9982	0.9634	0.9355	0.5412	0.5421	0.5292	0.9273
28.5	0.9982	0.9977	0.9716	0.9527	0.5869	0.5219	0.4818	0.9257
28.6	0.9984	0.9982	0.9754	0.9523	0.7211	0.5270	0.5625	0.9293
28.7	0.9988	0.9982	0.9723	0.9589	0.7588	0.4491	0.5522	0.9368
28.8	0.9983	0.9979	0.9737	0.9514	0.7205	0.4541	0.5007	0.9333
28.9	0.9982	0.9980	0.9692	0.9542	0.7870	0.5124	0.5999	0.9386
29.0	0.9982	0.9985	0.9705	0.9577	0.7477	0.5877	0.7156	0.9525
29.1	0.9976	0.9983	0.9655	0.9608	0.7543	0.5505	0.7190	0.9505
29.2	0.9977	0.9980	0.9564	0.9501	0.7402	0.6018	0.7272	0.9470
29.3	0.9975	0.9983	0.9690	0.9583	0.7706	0.6907	0.7662	0.9516
29.4	0.9976	0.9980	0.9618	0.9590	0.7588	0.7218	0.7233	0.9421
29.5	0.9980	0.9987	0.9689	0.9656	0.8553	0.7854	0.8132	0.9574
29.6	0.9967	0.9984	0.9634	0.9543	0.8099	0.7959	0.8201	0.9532
29.7	0.9950	0.9973	0.9428	0.9450	0.7482	0.7114	0.7487	0.9441
29.8	0.9969	0.9985	0.9628	0.9581	0.7925	0.8128	0.8273	0.9546
29.9	0.9957	0.9984	0.9549	0.9384	0.7359	0.8206	0.7638	0.9380
30.0	0.9960	0.9984	0.9617	0.9531	0.8079	0.8057	0.8238	0.9487
30.1	0.9964	0.9986	0.9642	0.9552	0.8431	0.8723	0.8572	0.9501
30.2	0.9947	0.9986	0.9548	0.9512	0.8130	0.8489	0.8883	0.9645
30.3	0.9952	0.9982	0.9431	0.9561	0.7963	0.8123	0.8712	0.9572
30.4	0.9942	0.9986	0.9522	0.9459	0.8049	0.7745	0.8812	0.9517
30.5	0.9935	0.9987	0.9384	0.9465	0.8174	0.6996	0.9179	0.9659
30.6	0.9922	0.9988	0.9390	0.9450	0.8383	0.6189	0.9194	0.9652
30.7	0.9900	0.9982	0.9295	0.9437	0.8514	0.7191	0.9010	0.9543
30.8	0.9926	0.9985	0.9402	0.9548	0.8594	0.7626	0.9039	0.9663
30.9	0.9910	0.9984	0.9325	0.9500	0.8143	0.6910	0.8641	0.9668
31.0	0.9903	0.9988	0.9432	0.9511	0.8361	0.6824	0.8552	0.9670
31.1	0.9926	0.9989	0.9651	0.9525	0.8760	0.7132	0.8945	0.9750
31.2	0.9904	0.9986	0.9523	0.9443	0.8535	0.6523	0.8979	0.9770
31.3	0.9881	0.9980	0.9474	0.9205	0.8498	0.6475	0.8679	0.9764
31.4	0.9884	0.9978	0.9320	0.9289	0.8325	0.6556	0.8550	0.9714
31.5	0.9905	0.9982	0.9194	0.9404	0.8637	0.7839	0.8668	0.9712
31.6	0.9937	0.9984	0.9308	0.9589	0.8836	0.7924	0.9122	0.9836
31.7	0.9909	0.9978	0.9138	0.9558	0.8949	0.7761	0.9156	0.9797
31.8	0.9930	0.9988	0.9381	0.9637	0.9046	0.8436	0.9255	0.9811
31.9	0.9917	0.9982	0.9363	0.9573	0.8919	0.7747	0.9031	0.9782
32.0	0.9911	0.9970	0.9146	0.9478	0.8566	0.7128	0.8888	0.9679
32.1	0.9913	0.9972	0.9088	0.9551	0.9099	0.7754	0.9252	0.9761
32.2	0.9916	0.9971	0.9075	0.9689	0.9357	0.8199	0.9342	0.9808
32.3	0.9927	0.9977	0.9076	0.9680	0.9413	0.8626	0.9459	0.9809
32.4	0.9899	0.9977	0.8844	0.9638	0.9413	0.8894	0.9452	0.9812
32.5	0.9934	0.9977	0.8955	0.9719	0.9503	0.8875	0.9528	0.9829
32.6	0.9928	0.9978	0.8911	0.9696	0.9609	0.9060	0.9609	0.9836
32.7	0.9946	0.9982	0.8886	0.9802	0.9744	0.9193	0.9762	0.9894
32.8	0.9926	0.9978	0.8589	0.9748	0.9758	0.9158	0.9719	0.9866
32.9	0.9888	0.9964	0.7288	0.9625	0.9667	0.9046	0.9600	0.9775
33.0	0.9939	0.9974	0.7572	0.9813	0.9801	0.9289	0.9780	0.9874
33.1	0.9906	0.9973	0.6653	0.9805	0.9803	0.9416	0.9789	0.9902
33.2	0.9921	0.9972	0.4698	0.9815	0.9820	0.9572	0.9821	0.9897
33.3	0.9923	0.9978	0.3975	0.9820	0.9871	0.9715	0.9855	0.9924
33.4	0.9849	0.9966	0.2426	0.9713	0.9755	0.9662	0.9717	0.9836
33.5	0.9869	0.9965	0.2810	0.9730	0.9763	0.9676	0.9725	0.9843
33.6	0.9882	0.9967	0.2987	0.9800	0.9817	0.9714	0.9777	0.9868
33.7	0.9829	0.9958	0.5735	0.9748	0.9811	0.9668	0.9755	0.9834

33.8	0.9787	0.9949	0.6681	0.9672	0.9770	0.9614	0.9671	0.9789
33.9	0.9771	0.9954	0.6766	0.9673	0.9731	0.9677	0.9647	0.9764
34.0	0.9755	0.9939	0.7050	0.9706	0.9742	0.9671	0.9693	0.9759
34.1	0.9693	0.9928	0.8173	0.9647	0.9689	0.9612	0.9650	0.9698
34.2	0.9477	0.9861	0.8515	0.9446	0.9508	0.9414	0.9465	0.9502
34.3	0.9444	0.9815	0.9136	0.9449	0.9465	0.9313	0.9446	0.9458
34.4	0.9465	0.9814	0.9127	0.9476	0.9419	0.9189	0.9437	0.9408
34.5	0.9507	0.9844	0.9375	0.9533	0.9408	0.9097	0.9425	0.9379
34.6	0.9607	0.9887	0.9541	0.9620	0.9522	0.9040	0.9554	0.9464
34.7	0.9798	0.9919	0.9792	0.9820	0.9749	0.9386	0.9782	0.9716
34.8	0.9731	0.9933	0.9716	0.9755	0.9604	0.8831	0.9667	0.9537
34.9	0.9879	0.9965	0.9816	0.9875	0.9773	0.8979	0.9805	0.9753
35.0	0.9868	0.9958	0.9825	0.9877	0.9758	0.8433	0.9791	0.9726
35.1	0.9826	0.9947	0.9746	0.9815	0.9644	0.6940	0.9704	0.9582
35.2	0.9867	0.9951	0.9730	0.9868	0.9569	0.5857	0.9714	0.9465
35.3	0.9866	0.9960	0.9682	0.9902	0.9368	0.3431	0.9677	0.9154
35.4	0.9885	0.9952	0.9594	0.9886	0.9088	0.3319	0.9548	0.8689
35.5	0.9866	0.9963	0.9612	0.9870	0.8698	0.5757	0.9423	0.8031
35.6	0.9878	0.9948	0.9543	0.9862	0.7559	0.6467	0.9006	0.6380
35.7	0.9865	0.9914	0.9230	0.9832	0.6978	0.5942	0.8885	0.5056
35.8	0.9819	0.9909	0.9198	0.9786	0.5941	0.6833	0.8519	0.3050
35.9	0.9881	0.9964	0.9646	0.9874	0.6523	0.8535	0.9117	0.2510
36.0	0.9834	0.9944	0.9553	0.9879	0.5040	0.8543	0.8784	0.0710
36.1	0.9851	0.9937	0.9334	0.9834	0.3406	0.8442	0.8238	0.0333
36.2	0.9868	0.9948	0.9413	0.9802	0.2979	0.8402	0.7536	0.2013
36.3	0.9843	0.9936	0.9294	0.9801	0.1897	0.8510	0.7368	0.2556
36.4	0.9835	0.9950	0.9393	0.9817	0.4020	0.8792	0.6778	0.5540
36.5	0.9839	0.9944	0.9454	0.9809	0.5590	0.8846	0.6447	0.6698
36.6	0.9803	0.9902	0.9172	0.9755	0.5879	0.7900	0.4433	0.6946
36.7	0.9849	0.9928	0.9122	0.9781	0.7347	0.8513	0.5062	0.7994
36.8	0.9841	0.9925	0.9228	0.9774	0.7453	0.8919	0.4034	0.8104
36.9	0.9773	0.9918	0.9197	0.9768	0.7547	0.8846	0.3846	0.8177
37.0	0.9763	0.9903	0.9200	0.9744	0.7771	0.8876	0.4407	0.8248
37.1	0.9774	0.9909	0.9314	0.9720	0.8564	0.9059	0.5361	0.8814
37.2	0.9821	0.9926	0.9328	0.9776	0.8809	0.9083	0.6332	0.8975
37.3	0.9766	0.9904	0.9198	0.9742	0.8388	0.8946	0.5830	0.8480
37.4	0.9678	0.9861	0.8912	0.9534	0.8160	0.8916	0.5789	0.8328
37.5	0.9716	0.9901	0.9192	0.9615	0.8577	0.9313	0.6691	0.8739
37.6	0.9681	0.9902	0.9319	0.9690	0.8861	0.9406	0.7495	0.8946
37.7	0.9723	0.9879	0.9176	0.9774	0.8821	0.9341	0.7948	0.8903
37.8	0.9504	0.9848	0.9037	0.9583	0.8499	0.9482	0.7619	0.8640
37.9	0.9425	0.9874	0.8799	0.9597	0.8872	0.9553	0.8134	0.8877
38.0	0.9504	0.9863	0.8822	0.9713	0.8691	0.9493	0.8252	0.8643
38.1	0.9478	0.9881	0.8899	0.9768	0.8752	0.9490	0.8313	0.8587
38.2	0.9621	0.9895	0.8995	0.9817	0.9104	0.9575	0.8843	0.8961
38.3	0.9708	0.9905	0.9195	0.9843	0.9312	0.9718	0.9189	0.9193
38.4	0.9693	0.9893	0.9093	0.9810	0.9334	0.9711	0.9184	0.9182
38.5	0.9617	0.9861	0.9052	0.9803	0.9205	0.9487	0.9145	0.8940
38.6	0.9732	0.9897	0.9306	0.9842	0.9526	0.9686	0.9500	0.9366
38.7	0.9808	0.9890	0.9160	0.9876	0.9585	0.9730	0.9605	0.9444
38.8	0.9734	0.9835	0.8673	0.9852	0.9576	0.9743	0.9517	0.9425
38.9	0.9611	0.9801	0.8552	0.9816	0.9528	0.9733	0.9465	0.9398
39.0	0.9660	0.9829	0.8821	0.9871	0.9656	0.9761	0.9665	0.9484
39.1	0.9689	0.9812	0.8886	0.9882	0.9538	0.9733	0.9601	0.9348
39.2	0.9656	0.9800	0.8344	0.9873	0.9525	0.9700	0.9625	0.9300
39.3	0.9654	0.9819	0.8237	0.9861	0.9586	0.9740	0.9653	0.9358
39.4	0.9715	0.9816	0.7996	0.9870	0.9665	0.9767	0.9698	0.9502
39.5	0.9749	0.9692	0.8133	0.9826	0.9668	0.9764	0.9678	0.9471
39.6	0.9828	0.9788	0.8702	0.9835	0.9735	0.9787	0.9724	0.9541
39.7	0.9813	0.9777	0.8239	0.9820	0.9772	0.9762	0.9737	0.9593
39.8	0.9808	0.9706	0.7952	0.9790	0.9713	0.9726	0.9690	0.9425
39.9	0.9831	0.9679	0.7794	0.9715	0.9733	0.9781	0.9717	0.9441
40.0	0.9849	0.9676	0.8080	0.9752	0.9756	0.9799	0.9623	0.9503
40.1	0.9795	0.9607	0.7581	0.9690	0.9747	0.9767	0.9560	0.9467
40.2	0.9730	0.9333	0.6842	0.9443	0.9629	0.9659	0.9409	0.9212
40.3	0.9750	0.9388	0.7133	0.9565	0.9697	0.9665	0.9394	0.9325
40.4	0.9798	0.9216	0.7114	0.9498	0.9674	0.9633	0.9241	0.9241
40.5	0.9819	0.9048	0.6910	0.9368	0.9669	0.9660	0.9034	0.9197
40.6	0.9861	0.9006	0.6815	0.9332	0.9687	0.9673	0.8973	0.9169
40.7	0.9856	0.8900	0.6499	0.9281	0.9617	0.9645	0.9046	0.9075
40.8	0.9879	0.8727	0.6814	0.9447	0.9690	0.9721	0.8898	0.9106
40.9	0.9877	0.8357	0.6281	0.9464	0.9672	0.9690	0.8888	0.9056
41.0	0.9835	0.7863	0.5491	0.9224	0.9616	0.9567	0.8331	0.8906
41.1	0.9836	0.7308	0.4690	0.9153	0.9612	0.9551	0.7945	0.8699
41.2	0.9868	0.7643	0.4671	0.9325	0.9652	0.9564	0.8156	0.8653
41.3	0.9881	0.7511	0.5585	0.9408	0.9636	0.9445	0.7971	0.8518
41.4	0.9902	0.7524	0.6427	0.9424	0.9691	0.9628	0.8196	0.8499
41.5	0.9897	0.7345	0.5966	0.9302	0.9723	0.9728	0.7605	0.8566
41.6	0.9874	0.8057	0.5295	0.9194	0.9607	0.9512	0.6988	0.7863
41.7	0.9890	0.8657	0.4782	0.9229	0.9663	0.9529	0.6654	0.8002
41.8	0.9898	0.8781	0.5306	0.9466	0.9736	0.9603	0.7082	0.8134
41.9	0.9924	0.9191	0.6021	0.9602	0.9808	0.9619	0.7232	0.8480
42.0	0.9897	0.9087	0.5309	0.9421	0.9766	0.9495	0.6774	0.8174
42.1	0.9898	0.9200	0.4831	0.9446	0.9806	0.9522	0.7103	0.8189
42.2	0.9912	0.9316	0.5505	0.9458	0.9815	0.9636	0.7820	0.8140
42.3	0.9902	0.9352	0.5669	0.9259	0.9758	0.9638	0.7435	0.7910

42.4	0.9876	0.9325	0.6070	0.9212	0.9736	0.9468	0.6529	0.7655
42.5	0.9898	0.9413	0.6255	0.9494	0.9827	0.9462	0.7058	0.8181
42.6	0.9904	0.9505	0.6247	0.9542	0.9861	0.9520	0.7616	0.8536
42.7	0.9905	0.9473	0.6107	0.9520	0.9861	0.9555	0.7188	0.8359
42.8	0.9924	0.9664	0.5855	0.9523	0.9869	0.9613	0.6623	0.8456
42.9	0.9891	0.9571	0.4968	0.9374	0.9817	0.9532	0.6740	0.8335
43.0	0.9900	0.9567	0.5023	0.9425	0.9883	0.9566	0.7485	0.8893
43.1	0.9912	0.9675	0.6178	0.9354	0.9895	0.9585	0.7874	0.9079
43.2	0.9926	0.9762	0.6504	0.9298	0.9913	0.9578	0.7837	0.9012
43.3	0.9918	0.9778	0.5710	0.9279	0.9919	0.9569	0.7441	0.9112
43.4	0.9927	0.9823	0.6270	0.9260	0.9933	0.9635	0.7566	0.9436
43.5	0.9915	0.9782	0.6587	0.9060	0.9912	0.9627	0.6983	0.9331
43.6	0.9928	0.9826	0.6254	0.8880	0.9898	0.9680	0.6673	0.9287
43.7	0.9927	0.9843	0.5996	0.8547	0.9903	0.9563	0.7221	0.9362
43.8	0.9906	0.9791	0.5990	0.8479	0.9900	0.9450	0.7259	0.9217
43.9	0.9912	0.9794	0.5785	0.8702	0.9913	0.9421	0.7492	0.9307
44.0	0.9921	0.9835	0.4558	0.8396	0.9919	0.9509	0.7514	0.9399
44.1	0.9919	0.9844	0.5140	0.8272	0.9906	0.9595	0.7548	0.9390
44.2	0.9930	0.9866	0.5374	0.8190	0.9907	0.9493	0.8139	0.9502
44.3	0.9935	0.9872	0.6605	0.8256	0.9931	0.9524	0.8765	0.9640
44.4	0.9930	0.9856	0.6476	0.7915	0.9930	0.9480	0.8600	0.9549
44.5	0.9948	0.9897	0.6984	0.7972	0.9948	0.9567	0.8810	0.9640
44.6	0.9950	0.9885	0.6810	0.7242	0.9934	0.9431	0.8477	0.9543
44.7	0.9960	0.9898	0.7406	0.7259	0.9945	0.9273	0.8748	0.9544
44.8	0.9940	0.9904	0.6245	0.7680	0.9951	0.9320	0.9089	0.9663
44.9	0.9927	0.9912	0.6350	0.8109	0.9958	0.9371	0.8938	0.9720
45.0	0.9918	0.9881	0.6321	0.8022	0.9954	0.9337	0.9068	0.9752
45.1	0.9942	0.9909	0.6165	0.7990	0.9955	0.9468	0.9164	0.9774
45.2	0.9949	0.9924	0.7520	0.8639	0.9958	0.9586	0.9270	0.9815
45.3	0.9941	0.9922	0.7684	0.8803	0.9961	0.9432	0.9297	0.9807
45.4	0.9956	0.9931	0.7050	0.8739	0.9959	0.9351	0.9215	0.9768
45.5	0.9953	0.9933	0.6625	0.8723	0.9965	0.9387	0.9422	0.9815
45.6	0.9952	0.9927	0.6373	0.8600	0.9963	0.9250	0.9323	0.9801
45.7	0.9939	0.9918	0.6779	0.8282	0.9962	0.9249	0.9278	0.9785
45.8	0.9943	0.9925	0.6762	0.8414	0.9964	0.9252	0.9513	0.9847
45.9	0.9958	0.9945	0.7412	0.8948	0.9971	0.9388	0.9670	0.9912
46.0	0.9965	0.9958	0.8411	0.9103	0.9973	0.9395	0.9684	0.9920
46.1	0.9965	0.9952	0.8144	0.9094	0.9968	0.9191	0.9577	0.9877
46.2	0.9946	0.9929	0.7657	0.8745	0.9959	0.8636	0.9412	0.9790
46.3	0.9961	0.9954	0.7701	0.8970	0.9972	0.9193	0.9631	0.9881
46.4	0.9965	0.9959	0.8296	0.9246	0.9980	0.9388	0.9779	0.9934
46.5	0.9938	0.9928	0.8422	0.9345	0.9973	0.8875	0.9693	0.9933
46.6	0.9946	0.9931	0.8422	0.9495	0.9966	0.8866	0.9646	0.9909
46.7	0.9961	0.9956	0.8395	0.9433	0.9966	0.8978	0.9615	0.9912
46.8	0.9953	0.9946	0.8527	0.9386	0.9958	0.9240	0.9542	0.9897
46.9	0.9953	0.9946	0.8474	0.9416	0.9965	0.9597	0.9630	0.9921
47.0	0.9940	0.9925	0.8132	0.9292	0.9951	0.9410	0.9571	0.9871
47.1	0.9937	0.9927	0.8384	0.9316	0.9967	0.9262	0.9678	0.9887
47.2	0.9944	0.9936	0.8461	0.9373	0.9970	0.9521	0.9694	0.9907
47.3	0.9939	0.9925	0.8309	0.9410	0.9962	0.9542	0.9667	0.9913
47.4	0.9949	0.9939	0.8312	0.9433	0.9968	0.9673	0.9713	0.9918
47.5	0.9954	0.9951	0.8027	0.9501	0.9973	0.9687	0.9750	0.9887
47.6	0.9961	0.9950	0.8369	0.9635	0.9966	0.9616	0.9732	0.9879
47.7	0.9964	0.9959	0.8542	0.9631	0.9966	0.9674	0.9690	0.9929
47.8	0.9942	0.9933	0.8180	0.9584	0.9946	0.9534	0.9388	0.9879
47.9	0.9924	0.9917	0.7929	0.9513	0.9949	0.9615	0.9543	0.9897
48.0	0.9921	0.9909	0.8261	0.9455	0.9951	0.9519	0.9692	0.9884
48.1	0.9943	0.9933	0.8888	0.9606	0.9959	0.9652	0.9634	0.9889
48.2	0.9964	0.9960	0.8693	0.9725	0.9970	0.9807	0.9715	0.9930
48.3	0.9970	0.9964	0.8595	0.9711	0.9967	0.9827	0.9720	0.9911
48.4	0.9972	0.9969	0.8666	0.9681	0.9960	0.9861	0.9681	0.9917
48.5	0.9939	0.9937	0.8247	0.9528	0.9925	0.9784	0.9552	0.9839
48.6	0.9948	0.9941	0.8408	0.9589	0.9948	0.9740	0.9692	0.9875
48.7	0.9955	0.9951	0.8563	0.9719	0.9953	0.9823	0.9693	0.9884
48.8	0.9937	0.9936	0.8513	0.9708	0.9942	0.9755	0.9735	0.9872
48.9	0.9929	0.9927	0.8668	0.9655	0.9946	0.9793	0.9742	0.9853
49.0	0.9934	0.9936	0.9029	0.9589	0.9941	0.9822	0.9686	0.9850
49.1	0.9943	0.9949	0.9113	0.9672	0.9948	0.9852	0.9715	0.9830
49.2	0.9954	0.9959	0.9200	0.9654	0.9955	0.9845	0.9751	0.9832
49.3	0.9946	0.9949	0.9134	0.9675	0.9945	0.9860	0.9805	0.9873
49.4	0.9946	0.9944	0.9003	0.9681	0.9937	0.9808	0.9768	0.9889
49.5	0.9948	0.9949	0.9075	0.9656	0.9943	0.9841	0.9793	0.9894
49.6	0.9956	0.9957	0.9224	0.9725	0.9951	0.9840	0.9810	0.9920
49.7	0.9945	0.9946	0.9089	0.9702	0.9935	0.9842	0.9739	0.9874
49.8	0.9926	0.9930	0.8822	0.9643	0.9920	0.9822	0.9726	0.9846
49.9	0.9939	0.9943	0.9122	0.9676	0.9936	0.9808	0.9809	0.9886
50.0	0.9947	0.9950	0.9343	0.9690	0.9937	0.9837	0.9820	0.9896
50.1	0.9941	0.9943	0.9221	0.9651	0.9921	0.9812	0.9801	0.9879
50.2	0.9946	0.9949	0.9332	0.9722	0.9931	0.9853	0.9826	0.9882
50.3	0.9936	0.9938	0.9311	0.9715	0.9932	0.9789	0.9874	0.9908
50.4	0.9930	0.9932	0.9388	0.9662	0.9911	0.9809	0.9841	0.9901
50.5	0.9930	0.9930	0.9320	0.9696	0.9909	0.9834	0.9861	0.9873
50.6	0.9932	0.9931	0.9371	0.9676	0.9915	0.9835	0.9843	0.9864
50.7	0.9919	0.9922	0.9421	0.9707	0.9914	0.9843	0.9867	0.9839
50.8	0.9913	0.9915	0.9350	0.9751	0.9912	0.9861	0.9868	0.9834
50.9	0.9941	0.9942	0.9626	0.9722	0.9926	0.9876	0.9889	0.9836

51.0	0.9959	0.9959	0.9626	0.9670	0.9938	0.9839	0.9896	0.9823
51.1	0.9934	0.9937	0.9429	0.9492	0.9920	0.9814	0.9883	0.9784
51.2	0.9939	0.9944	0.9391	0.9574	0.9919	0.9856	0.9876	0.9827
51.3	0.9939	0.9947	0.9430	0.9675	0.9926	0.9873	0.9902	0.9811
51.4	0.9938	0.9943	0.9443	0.9690	0.9925	0.9799	0.9893	0.9684
51.5	0.9940	0.9944	0.9548	0.9660	0.9927	0.9781	0.9873	0.9786
51.6	0.9937	0.9941	0.9606	0.9691	0.9923	0.9843	0.9887	0.9807
51.7	0.9929	0.9933	0.9508	0.9657	0.9907	0.9845	0.9877	0.9732
51.8	0.9927	0.9935	0.9604	0.9708	0.9916	0.9859	0.9893	0.9752
51.9	0.9902	0.9911	0.9560	0.9696	0.9886	0.9725	0.9862	0.9158
52.0	0.9927	0.9932	0.9565	0.9715	0.9911	0.9842	0.9895	0.9553
52.1	0.9925	0.9930	0.9469	0.9682	0.9882	0.9788	0.9869	0.9742
52.2	0.9944	0.9951	0.9599	0.9719	0.9911	0.9821	0.9908	0.9815
52.3	0.9929	0.9936	0.9658	0.9655	0.9915	0.9800	0.9916	0.9767
52.4	0.9928	0.9935	0.9668	0.9678	0.9915	0.9845	0.9911	0.9736
52.5	0.9939	0.9944	0.9643	0.9738	0.9907	0.9862	0.9901	0.9744
52.6	0.9951	0.9956	0.9665	0.9743	0.9914	0.9882	0.9907	0.9725
52.7	0.9954	0.9957	0.9751	0.9714	0.9932	0.9869	0.9922	0.9623
52.8	0.9948	0.9952	0.9784	0.9733	0.9929	0.9848	0.9923	0.9812
52.9	0.9948	0.9956	0.9777	0.9770	0.9935	0.9881	0.9936	0.9848
53.0	0.9957	0.9962	0.9737	0.9741	0.9943	0.9915	0.9945	0.9859
53.1	0.9937	0.9946	0.9642	0.9711	0.9912	0.9879	0.9914	0.9854
53.2	0.9932	0.9942	0.9702	0.9653	0.9910	0.9881	0.9915	0.9711
53.3	0.9954	0.9958	0.9695	0.9698	0.9924	0.9885	0.9925	0.9043
53.4	0.9947	0.9952	0.9752	0.9684	0.9916	0.9828	0.9913	0.8913
53.5	0.9938	0.9944	0.9753	0.9654	0.9909	0.9773	0.9904	0.9578
53.6	0.9950	0.9956	0.9765	0.9558	0.9930	0.9818	0.9916	0.9764
53.7	0.9948	0.9956	0.9778	0.9538	0.9927	0.9842	0.9929	0.9695
53.8	0.9935	0.9944	0.9788	0.9600	0.9929	0.9854	0.9927	0.9749
53.9	0.9937	0.9945	0.9782	0.9684	0.9928	0.9893	0.9929	0.9867
54.0	0.9952	0.9956	0.9734	0.9567	0.9944	0.9907	0.9943	0.9862
54.1	0.9940	0.9947	0.9694	0.9436	0.9936	0.9899	0.9923	0.9685
54.2	0.9925	0.9936	0.9667	0.9408	0.9919	0.9882	0.9915	0.9623
54.3	0.9943	0.9952	0.9702	0.9493	0.9935	0.9905	0.9943	0.9842
54.4	0.9957	0.9963	0.9677	0.9351	0.9933	0.9884	0.9937	0.9888
54.5	0.9958	0.9963	0.9517	0.9375	0.9945	0.9917	0.9943	0.9873
54.6	0.9939	0.9945	0.9448	0.9349	0.9925	0.9866	0.9915	0.9788
54.7	0.9937	0.9945	0.9570	0.9337	0.9909	0.9867	0.9902	0.9811
54.8	0.9917	0.9928	0.9484	0.8835	0.9832	0.9758	0.9838	0.9701
54.9	0.9959	0.9963	0.9543	0.9062	0.9902	0.9845	0.9902	0.9845
55.0	0.9938	0.9948	0.9415	0.8965	0.9897	0.9867	0.9906	0.9863
55.1	0.9925	0.9936	0.9380	0.8931	0.9881	0.9871	0.9889	0.9836
55.2	0.9938	0.9948	0.9395	0.8638	0.9869	0.9840	0.9882	0.9805
55.3	0.9925	0.9936	0.9374	0.8202	0.9877	0.9858	0.9881	0.9786
55.4	0.9933	0.9941	0.9554	0.8588	0.9892	0.9881	0.9890	0.9820
55.5	0.9943	0.9949	0.9446	0.8740	0.9876	0.9871	0.9891	0.9764
55.6	0.9942	0.9946	0.9516	0.8677	0.9885	0.9853	0.9906	0.9795
55.7	0.9924	0.9933	0.9442	0.8553	0.9867	0.9858	0.9887	0.9773
55.8	0.9926	0.9937	0.9390	0.8277	0.9876	0.9859	0.9901	0.9820
55.9	0.9937	0.9943	0.9326	0.8694	0.9889	0.9862	0.9896	0.9806
56.0	0.9926	0.9932	0.9451	0.8511	0.9897	0.9795	0.9899	0.9754
56.1	0.9923	0.9932	0.9447	0.8429	0.9882	0.9796	0.9880	0.9716
56.2	0.9922	0.9932	0.9367	0.7753	0.9854	0.9818	0.9866	0.9721
56.3	0.9924	0.9933	0.9215	0.7874	0.9877	0.9884	0.9877	0.9807
56.4	0.9956	0.9960	0.9206	0.8753	0.9906	0.9919	0.9916	0.9860
56.5	0.9956	0.9961	0.9279	0.8802	0.9910	0.9906	0.9923	0.9858
56.6	0.9941	0.9952	0.9120	0.8516	0.9896	0.9891	0.9910	0.9827
56.7	0.9927	0.9938	0.8951	0.8223	0.9891	0.9861	0.9885	0.9826
56.8	0.9921	0.9931	0.8867	0.7723	0.9864	0.9806	0.9856	0.9802
56.9	0.9938	0.9947	0.8911	0.7884	0.9849	0.9797	0.9887	0.9779
57.0	0.9936	0.9942	0.8664	0.7896	0.9802	0.9774	0.9851	0.9726
57.1	0.9915	0.9923	0.9091	0.7748	0.9780	0.9508	0.9842	0.9731
57.2	0.9927	0.9937	0.9169	0.7687	0.9823	0.9572	0.9878	0.9803
57.3	0.9932	0.9941	0.9155	0.7620	0.9868	0.9791	0.9892	0.9778
57.4	0.9931	0.9942	0.9112	0.7594	0.9820	0.9775	0.9881	0.9724
57.5	0.9933	0.9942	0.9009	0.7891	0.9801	0.9790	0.9872	0.9723
57.6	0.9930	0.9939	0.9205	0.8138	0.9815	0.9821	0.9876	0.9783
57.7	0.9934	0.9944	0.9325	0.7930	0.9863	0.9813	0.9904	0.9765
57.8	0.9935	0.9942	0.9318	0.7909	0.9883	0.9837	0.9900	0.9806
57.9	0.9939	0.9946	0.9371	0.7941	0.9841	0.9810	0.9905	0.9669
58.0	0.9929	0.9939	0.9159	0.7716	0.9736	0.9776	0.9873	0.9576
58.1	0.9934	0.9943	0.9159	0.7269	0.9768	0.9798	0.9863	0.9573
58.2	0.9934	0.9942	0.9281	0.7421	0.9797	0.9814	0.9878	0.9588
58.3	0.9895	0.9907	0.9343	0.6939	0.9755	0.9799	0.9848	0.9585
58.4	0.9914	0.9926	0.9324	0.6915	0.9733	0.9792	0.9848	0.9619
58.5	0.9924	0.9934	0.9403	0.7753	0.9717	0.9769	0.9862	0.9732
58.6	0.9927	0.9938	0.9376	0.7410	0.9770	0.9803	0.9860	0.9772
58.7	0.9934	0.9942	0.9281	0.7168	0.9778	0.9863	0.9879	0.9776
58.8	0.9918	0.9926	0.9210	0.6314	0.9625	0.9836	0.9849	0.9694
58.9	0.9934	0.9939	0.9181	0.6576	0.9581	0.9787	0.9894	0.9736
59.0	0.9925	0.9931	0.9170	0.5023	0.9549	0.9761	0.9872	0.9728
59.1	0.9938	0.9945	0.9411	0.5453	0.9678	0.9821	0.9867	0.9790
59.2	0.9926	0.9935	0.9484	0.5474	0.9682	0.9838	0.9870	0.9804
59.3	0.9884	0.9895	0.9320	0.5790	0.9673	0.9773	0.9841	0.9754
59.4	0.9902	0.9911	0.9233	0.4775	0.9701	0.9810	0.9833	0.9737
59.5	0.9929	0.9936	0.9312	0.4417	0.9703	0.9837	0.9876	0.9749

59.6	0.9936	0.9943	0.9261	0.4659	0.9632	0.9824	0.9874	0.9826
59.7	0.9940	0.9946	0.9339	0.4497	0.9640	0.9793	0.9894	0.9820
59.8	0.9933	0.9940	0.9329	0.3535	0.9581	0.9749	0.9882	0.9791
59.9	0.9927	0.9934	0.9373	0.3501	0.9544	0.9829	0.9887	0.9817
60.0	0.9913	0.9922	0.9163	0.2610	0.9515	0.9836	0.9854	0.9823
60.1	0.9883	0.9894	0.8939	0.1564	0.9511	0.9785	0.9794	0.9763
60.2	0.9895	0.9905	0.9056	0.2782	0.9536	0.9745	0.9814	0.9772
60.3	0.9909	0.9918	0.9206	0.4340	0.9516	0.9803	0.9821	0.9824
60.4	0.9896	0.9907	0.9162	0.3384	0.9573	0.9782	0.9825	0.9809
60.5	0.9904	0.9914	0.9147	0.3985	0.9473	0.9776	0.9848	0.9816
60.6	0.9927	0.9934	0.9321	0.4734	0.9494	0.9828	0.9851	0.9848
60.7	0.9897	0.9906	0.9362	0.3566	0.9498	0.9801	0.9830	0.9800
60.8	0.9873	0.9881	0.9143	0.3489	0.9300	0.9777	0.9764	0.9794
60.9	0.9902	0.9909	0.9330	0.4156	0.9434	0.9821	0.9832	0.9838
61.0	0.9901	0.9911	0.9440	0.4368	0.9569	0.9809	0.9832	0.9835
61.1	0.9914	0.9922	0.9481	0.5211	0.9490	0.9813	0.9818	0.9851
61.2	0.9892	0.9903	0.9544	0.5662	0.9451	0.9804	0.9804	0.9792
61.3	0.9882	0.9893	0.9373	0.6145	0.9357	0.9793	0.9797	0.9768
61.4	0.9901	0.9910	0.9290	0.6392	0.9323	0.9835	0.9811	0.9802
61.5	0.9838	0.9849	0.9504	0.6275	0.9298	0.9762	0.9721	0.9775
61.6	0.9858	0.9871	0.9513	0.6514	0.9338	0.9772	0.9769	0.9799
61.7	0.9865	0.9877	0.9325	0.6856	0.9159	0.9760	0.9776	0.9739
61.8	0.9879	0.9889	0.9479	0.7038	0.9173	0.9783	0.9800	0.9732
61.9	0.9880	0.9890	0.9582	0.7108	0.9377	0.9784	0.9806	0.9751
62.0	0.9872	0.9882	0.9674	0.7823	0.9383	0.9808	0.9803	0.9796
62.1	0.9842	0.9854	0.9650	0.7679	0.9516	0.9775	0.9738	0.9761
62.2	0.9804	0.9818	0.9596	0.7969	0.9548	0.9741	0.9654	0.9738
62.3	0.9808	0.9824	0.9550	0.7863	0.9477	0.9696	0.9688	0.9674
62.4	0.9849	0.9862	0.9458	0.7622	0.9417	0.9766	0.9749	0.9737
62.5	0.9847	0.9856	0.9649	0.8532	0.9538	0.9806	0.9763	0.9785
62.6	0.9839	0.9849	0.9649	0.8778	0.9538	0.9811	0.9714	0.9749
62.7	0.9811	0.9824	0.9521	0.8342	0.9440	0.9765	0.9674	0.9670
62.8	0.9851	0.9862	0.9563	0.8744	0.9516	0.9793	0.9745	0.9735
62.9	0.9860	0.9873	0.9447	0.8132	0.9548	0.9765	0.9770	0.9675
63.0	0.9847	0.9861	0.9328	0.8163	0.9498	0.9759	0.9738	0.9651
63.1	0.9826	0.9839	0.9530	0.9029	0.9564	0.9771	0.9732	0.9665
63.2	0.9856	0.9865	0.9558	0.9314	0.9588	0.9801	0.9780	0.9729
63.3	0.9829	0.9839	0.9508	0.9142	0.9675	0.9795	0.9717	0.9673
63.4	0.9772	0.9785	0.9371	0.8942	0.9576	0.9778	0.9653	0.9658
63.5	0.9795	0.9809	0.9355	0.9273	0.9616	0.9766	0.9691	0.9702
63.6	0.9803	0.9813	0.9267	0.9357	0.9660	0.9771	0.9714	0.9752
63.7	0.9845	0.9854	0.9480	0.9421	0.9735	0.9807	0.9769	0.9734
63.8	0.9850	0.9859	0.9639	0.9382	0.9782	0.9794	0.9786	0.9662
63.9	0.9825	0.9832	0.9473	0.9455	0.9713	0.9762	0.9735	0.9643
64.0	0.9810	0.9817	0.9445	0.9601	0.9680	0.9790	0.9733	0.9680
64.1	0.9810	0.9820	0.9245	0.9492	0.9717	0.9739	0.9725	0.9487
64.2	0.9842	0.9850	0.9264	0.9558	0.9737	0.9781	0.9732	0.9561
64.3	0.9857	0.9864	0.9440	0.9599	0.9747	0.9837	0.9766	0.9613
64.4	0.9829	0.9834	0.9341	0.9488	0.9745	0.9793	0.9709	0.9481
64.5	0.9813	0.9817	0.9044	0.9594	0.9749	0.9826	0.9673	0.9492
64.6	0.9833	0.9841	0.8490	0.9629	0.9724	0.9791	0.9743	0.9513
64.7	0.9844	0.9850	0.8825	0.9655	0.9756	0.9811	0.9766	0.9550
64.8	0.9844	0.9850	0.8839	0.9678	0.9764	0.9784	0.9762	0.9378
64.9	0.9853	0.9857	0.9038	0.9730	0.9754	0.9822	0.9783	0.9351
65.0	0.9865	0.9870	0.8972	0.9713	0.9727	0.9769	0.9807	0.9060
65.1	0.9877	0.9882	0.8645	0.9684	0.9764	0.9760	0.9803	0.8893
65.2	0.9855	0.9861	0.8650	0.9681	0.9719	0.9773	0.9788	0.8762
65.3	0.9841	0.9844	0.8577	0.9687	0.9789	0.9806	0.9770	0.8422
65.4	0.9845	0.9846	0.8202	0.9727	0.9780	0.9756	0.9772	0.8013
65.5	0.9852	0.9852	0.8158	0.9734	0.9796	0.9786	0.9770	0.7844
65.6	0.9887	0.9890	0.8647	0.9768	0.9808	0.9810	0.9828	0.8341
65.7	0.9852	0.9855	0.8495	0.9718	0.9745	0.9743	0.9791	0.8304
65.8	0.9881	0.9884	0.8460	0.9674	0.9754	0.9729	0.9833	0.8713
65.9	0.9870	0.9873	0.8076	0.9686	0.9758	0.9661	0.9801	0.8551
66.0	0.9829	0.9836	0.7924	0.9719	0.9717	0.9659	0.9745	0.8727
66.1	0.9842	0.9847	0.7843	0.9668	0.9684	0.9652	0.9757	0.8948
66.2	0.9834	0.9837	0.7816	0.9681	0.9693	0.9690	0.9742	0.8936
66.3	0.9901	0.9903	0.8690	0.9750	0.9759	0.9744	0.9847	0.9083
66.4	0.9896	0.9896	0.8497	0.9730	0.9748	0.9752	0.9825	0.9049
66.5	0.9863	0.9860	0.7326	0.9665	0.9704	0.9723	0.9755	0.8892
66.6	0.9856	0.9862	0.7691	0.9588	0.9633	0.9694	0.9772	0.8845
66.7	0.9870	0.9885	0.8282	0.9681	0.9671	0.9701	0.9806	0.8937
66.8	0.9888	0.9897	0.8476	0.9757	0.9714	0.9728	0.9817	0.8989
66.9	0.9850	0.9866	0.8439	0.9670	0.9678	0.9723	0.9760	0.9085
67.0	0.9853	0.9861	0.8153	0.9665	0.9771	0.9788	0.9767	0.9115
67.1	0.9856	0.9868	0.8510	0.9661	0.9731	0.9774	0.9762	0.9319
67.2	0.9893	0.9900	0.9040	0.9690	0.9781	0.9822	0.9830	0.9505
67.3	0.9842	0.9850	0.8558	0.9609	0.9698	0.9759	0.9730	0.9402
67.4	0.9854	0.9872	0.8696	0.9694	0.9712	0.9793	0.9729	0.9469
67.5	0.9865	0.9881	0.8711	0.9738	0.9729	0.9839	0.9731	0.9593
67.6	0.9845	0.9869	0.8803	0.9479	0.9656	0.9797	0.9678	0.9388
67.7	0.9852	0.9868	0.9029	0.9409	0.9695	0.9787	0.9714	0.9447
67.8	0.9859	0.9884	0.9270	0.9607	0.9677	0.9811	0.9713	0.9626
67.9	0.9868	0.9898	0.9295	0.9673	0.9706	0.9837	0.9685	0.9647
68.0	0.9877	0.9895	0.9252	0.9608	0.9699	0.9850	0.9648	0.9626
68.1	0.9876	0.9890	0.9191	0.9562	0.9674	0.9816	0.9673	0.9506

68.2	0.9873	0.9902	0.9380	0.9540	0.9675	0.9809	0.9708	0.9630
68.3	0.9869	0.9891	0.9351	0.9590	0.9688	0.9805	0.9670	0.9649
68.4	0.9846	0.9874	0.9422	0.9555	0.9612	0.9800	0.9536	0.9650
68.5	0.9841	0.9871	0.9464	0.9615	0.9590	0.9777	0.9509	0.9590
68.6	0.9803	0.9843	0.9468	0.9528	0.9572	0.9775	0.9440	0.9568
68.7	0.9789	0.9838	0.9510	0.9506	0.9534	0.9735	0.9376	0.9502
68.8	0.9799	0.9844	0.9325	0.9494	0.9514	0.9717	0.9366	0.9328
68.9	0.9784	0.9843	0.9397	0.9372	0.9498	0.9731	0.9361	0.9317
69.0	0.9830	0.9876	0.9598	0.9584	0.9673	0.9824	0.9558	0.9532
69.1	0.9844	0.9872	0.9600	0.9625	0.9703	0.9829	0.9561	0.9543
69.2	0.9806	0.9845	0.9545	0.9639	0.9672	0.9804	0.9521	0.9423
69.3	0.9837	0.9880	0.9451	0.9546	0.9691	0.9749	0.9543	0.9192
69.4	0.9790	0.9823	0.9486	0.9165	0.9610	0.9707	0.9442	0.9168
69.5	0.9736	0.9790	0.9558	0.9088	0.9515	0.9699	0.9306	0.9261
69.6	0.9795	0.9838	0.9560	0.9340	0.9608	0.9763	0.9405	0.9171
69.7	0.9825	0.9858	0.9531	0.9310	0.9598	0.9794	0.9382	0.9119
69.8	0.9783	0.9821	0.9537	0.9290	0.9486	0.9766	0.9211	0.9351
69.9	0.9781	0.9820	0.9498	0.9108	0.9514	0.9750	0.9250	0.9292
70.0	0.9829	0.9860	0.9574	0.9076	0.9585	0.9779	0.9374	0.9189
70.1	0.9878	0.9900	0.9643	0.8955	0.9706	0.9861	0.9537	0.9395
70.2	0.9854	0.9883	0.9689	0.9000	0.9648	0.9828	0.9469	0.9419
70.3	0.9859	0.9889	0.9716	0.9014	0.9677	0.9812	0.9546	0.9397
70.4	0.9829	0.9853	0.9668	0.9115	0.9636	0.9797	0.9451	0.9342
70.5	0.9820	0.9855	0.9607	0.9006	0.9616	0.9732	0.9439	0.9197
70.6	0.9830	0.9858	0.9657	0.8694	0.9608	0.9769	0.9459	0.9355
70.7	0.9827	0.9859	0.9698	0.8881	0.9579	0.9809	0.9425	0.9549
70.8	0.9787	0.9820	0.9630	0.8746	0.9513	0.9748	0.9325	0.9409
70.9	0.9810	0.9847	0.9669	0.8277	0.9508	0.9772	0.9302	0.9477
71.0	0.9805	0.9826	0.9721	0.8198	0.9536	0.9792	0.9375	0.9534
71.1	0.9823	0.9849	0.9767	0.8037	0.9531	0.9797	0.9352	0.9572
71.2	0.9797	0.9837	0.9631	0.8127	0.9452	0.9773	0.9270	0.9528
71.3	0.9789	0.9822	0.9738	0.8344	0.9498	0.9772	0.9364	0.9631
71.4	0.9718	0.9754	0.9612	0.6988	0.9390	0.9745	0.9167	0.9438
71.5	0.9813	0.9839	0.9651	0.7121	0.9616	0.9820	0.9471	0.9555
71.6	0.9799	0.9835	0.9720	0.6755	0.9564	0.9823	0.9458	0.9665
71.7	0.9797	0.9824	0.9556	0.6362	0.9453	0.9800	0.9308	0.9555
71.8	0.9761	0.9799	0.9569	0.5782	0.9498	0.9720	0.9414	0.9538
71.9	0.9749	0.9788	0.9613	0.4650	0.9506	0.9674	0.9416	0.9447
72.0	0.9777	0.9807	0.9354	0.4230	0.9398	0.9675	0.9202	0.9253
72.1	0.9830	0.9858	0.9500	0.3059	0.9612	0.9767	0.9499	0.9416
72.2	0.9830	0.9859	0.9703	0.4099	0.9657	0.9815	0.9593	0.9538
72.3	0.9760	0.9794	0.9578	0.3104	0.9495	0.9771	0.9399	0.9354
72.4	0.9751	0.9786	0.9510	0.0849	0.9454	0.9756	0.9382	0.9392
72.5	0.9816	0.9845	0.9555	0.0672	0.9568	0.9815	0.9509	0.9530
72.6	0.9773	0.9811	0.9541	0.0357	0.9458	0.9767	0.9376	0.9420
72.7	0.9675	0.9725	0.9362	0.0887	0.9141	0.9710	0.9008	0.9288
72.8	0.9726	0.9767	0.9231	0.0390	0.9278	0.9681	0.9100	0.9129
72.9	0.9784	0.9820	0.9253	0.0100	0.9436	0.9709	0.9321	0.9278
73.0	0.9791	0.9827	0.9341	0.0047	0.9518	0.9753	0.9457	0.9423
73.1	0.9741	0.9787	0.9234	0.0275	0.9455	0.9670	0.9392	0.9441
73.2	0.9719	0.9772	0.8920	0.0892	0.9340	0.9670	0.9243	0.9234
73.3	0.9793	0.9827	0.8992	0.1172	0.9484	0.9763	0.9371	0.9283
73.4	0.9804	0.9836	0.9179	0.1485	0.9558	0.9739	0.9484	0.9351
73.5	0.9805	0.9836	0.9372	0.0580	0.9587	0.9686	0.9559	0.9329
73.6	0.9843	0.9868	0.9355	0.0596	0.9660	0.9722	0.9629	0.9505
73.7	0.9821	0.9848	0.9005	0.0679	0.9605	0.9625	0.9517	0.9329
73.8	0.9750	0.9794	0.8908	0.1162	0.9399	0.9570	0.9265	0.9180
73.9	0.9693	0.9744	0.8901	0.0845	0.9314	0.9469	0.9188	0.9266
74.0	0.9781	0.9815	0.8923	0.2214	0.9500	0.9609	0.9395	0.9320
74.1	0.9829	0.9861	0.8822	0.2228	0.9555	0.9624	0.9476	0.9323
74.2	0.9792	0.9834	0.8852	0.1882	0.9521	0.9628	0.9518	0.9382
74.3	0.9763	0.9808	0.8575	0.2496	0.9492	0.9663	0.9459	0.9439
74.4	0.9811	0.9850	0.8679	0.2854	0.9577	0.9692	0.9491	0.9393
74.5	0.9767	0.9810	0.8212	0.4107	0.9487	0.9581	0.9398	0.9312
74.6	0.9832	0.9862	0.8513	0.4880	0.9642	0.9632	0.9598	0.9443
74.7	0.9814	0.9850	0.8301	0.4458	0.9634	0.9634	0.9580	0.9479
74.8	0.9836	0.9873	0.8135	0.3557	0.9645	0.9599	0.9601	0.9363
74.9	0.9795	0.9841	0.7748	0.3945	0.9502	0.9514	0.9441	0.9207
75.0	0.9846	0.9879	0.8199	0.4224	0.9626	0.9599	0.9579	0.9404
75.1	0.9838	0.9875	0.8427	0.3280	0.9620	0.9518	0.9566	0.9205
75.2	0.9780	0.9831	0.7559	0.4125	0.9512	0.9357	0.9463	0.9277
75.3	0.9738	0.9796	0.6302	0.3501	0.9463	0.9332	0.9409	0.9200
75.4	0.9762	0.9817	0.6195	0.3896	0.9482	0.9407	0.9450	0.9047
75.5	0.9752	0.9818	0.6014	0.4294	0.9474	0.9194	0.9438	0.8893
75.6	0.9810	0.9858	0.5269	0.5237	0.9586	0.9340	0.9565	0.9190
75.7	0.9787	0.9835	0.5586	0.5765	0.9561	0.9277	0.9537	0.9318
75.8	0.9803	0.9855	0.5623	0.7229	0.9558	0.9455	0.9514	0.9332
75.9	0.9734	0.9810	0.4670	0.6822	0.9497	0.9064	0.9445	0.9088
76.0	0.9724	0.9799	0.3600	0.6283	0.9504	0.8850	0.9456	0.8902
76.1	0.9756	0.9824	0.4608	0.7252	0.9594	0.8966	0.9583	0.8980
76.2	0.9813	0.9862	0.3195	0.7669	0.9629	0.8987	0.9596	0.8911
76.3	0.9804	0.9857	0.2029	0.7890	0.9677	0.8920	0.9623	0.9041
76.4	0.9747	0.9815	0.1072	0.7770	0.9555	0.8984	0.9498	0.8947
76.5	0.9736	0.9808	0.0971	0.7987	0.9546	0.8936	0.9461	0.8545
76.6	0.9723	0.9813	0.0582	0.8073	0.9469	0.8942	0.9403	0.8611
76.7	0.9700	0.9795	0.0058	0.8238	0.9418	0.9073	0.9346	0.8850

76.8	0.9766	0.9829	0.0027	0.8254	0.9610	0.8815	0.9519	0.8989
76.9	0.9741	0.9809	0.0316	0.8403	0.9565	0.8774	0.9508	0.9012
77.0	0.9734	0.9810	0.0506	0.8508	0.9650	0.8888	0.9632	0.8937
77.1	0.9697	0.9785	0.0469	0.8293	0.9621	0.9030	0.9613	0.8480
77.2	0.9711	0.9789	0.1331	0.8840	0.9584	0.9090	0.9564	0.8655
77.3	0.9734	0.9804	0.2007	0.9165	0.9588	0.9429	0.9568	0.8502
77.4	0.9748	0.9809	0.2328	0.8950	0.9657	0.9304	0.9602	0.8110
77.5	0.9680	0.9771	0.2419	0.8616	0.9518	0.8917	0.9491	0.7667
77.6	0.9695	0.9778	0.2236	0.8671	0.9492	0.9189	0.9427	0.7668
77.7	0.9696	0.9784	0.2397	0.9012	0.9497	0.9364	0.9468	0.8045
77.8	0.9696	0.9783	0.2731	0.9047	0.9530	0.9324	0.9489	0.7872
77.9	0.9624	0.9721	0.3353	0.8868	0.9558	0.9293	0.9465	0.6988
78.0	0.9578	0.9673	0.3129	0.8456	0.9486	0.9197	0.9348	0.6555
78.1	0.9639	0.9726	0.4889	0.8681	0.9571	0.9241	0.9455	0.6839
78.2	0.9705	0.9770	0.5396	0.9136	0.9719	0.9348	0.9606	0.7084
78.3	0.9633	0.9716	0.4494	0.9018	0.9551	0.9407	0.9356	0.7719
78.4	0.9640	0.9720	0.4379	0.8958	0.9496	0.9455	0.9299	0.7889
78.5	0.9603	0.9683	0.3602	0.8533	0.9469	0.9296	0.9376	0.8068
78.6	0.9662	0.9730	0.5135	0.8861	0.9556	0.9282	0.9573	0.8404
78.7	0.9681	0.9753	0.5859	0.8932	0.9600	0.9453	0.9564	0.8803
78.8	0.9693	0.9760	0.7075	0.8936	0.9679	0.9500	0.9583	0.8958
78.9	0.9646	0.9716	0.6883	0.9023	0.9604	0.9455	0.9456	0.8778
79.0	0.9647	0.9713	0.5536	0.8777	0.9515	0.9424	0.9444	0.8713
79.1	0.9650	0.9720	0.5338	0.8877	0.9469	0.9461	0.9481	0.8933
79.2	0.9727	0.9778	0.6074	0.9107	0.9612	0.9558	0.9591	0.9070
79.3	0.9656	0.9725	0.6423	0.9025	0.9617	0.9447	0.9569	0.8815
79.4	0.9516	0.9598	0.6791	0.9045	0.9474	0.9287	0.9446	0.8645
79.5	0.9615	0.9677	0.6850	0.9197	0.9557	0.9416	0.9604	0.8953
79.6	0.9693	0.9742	0.7391	0.9085	0.9654	0.9584	0.9713	0.9230
79.7	0.9630	0.9690	0.6609	0.9120	0.9536	0.9429	0.9605	0.9158
79.8	0.9634	0.9702	0.6302	0.9070	0.9443	0.9412	0.9531	0.8967
79.9	0.9606	0.9684	0.7064	0.8841	0.9483	0.9479	0.9535	0.8979
80.0	0.9696	0.9756	0.7064	0.9095	0.9557	0.9621	0.9627	0.9203

2.2.38 Run 4 – IP050 – Accels 9–16

In-plane shaking at 50°. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.1085	0.7850	0.3405	0.8151	0.3387	0.2520	0.5655	0.9264
0.1	0.0026	0.5164	0.1851	0.4845	0.1010	0.0790	0.2246	0.6791
0.2	0.0121	0.0116	0.0490	0.0269	0.0491	0.0277	0.0424	0.0034
0.3	0.0066	0.0029	0.0266	0.0071	0.0241	0.0015	0.0123	0.0049
0.4	0.0098	0.0115	0.0012	0.0038	0.0168	0.0108	0.0073	0.0012
0.5	0.0054	0.0202	0.0169	0.0164	0.0102	0.0177	0.0247	0.0233
0.6	0.0412	0.0500	0.0084	0.0316	0.0030	0.0110	0.0375	0.0146
0.7	0.0786	0.1853	0.0149	0.2390	0.0097	0.0356	0.2677	0.0003
0.8	0.5866	0.3611	0.1995	0.5290	0.0121	0.0761	0.5318	0.0079
0.9	0.8245	0.5016	0.6274	0.6308	0.0063	0.3882	0.6364	0.1924
1.0	0.8245	0.5007	0.7890	0.5901	0.0790	0.6767	0.5896	0.3684
1.1	0.6621	0.3813	0.7121	0.3095	0.0640	0.5736	0.3349	0.1679
1.2	0.8404	0.5947	0.8742	0.3632	0.1499	0.7341	0.3658	0.4184
1.3	0.9145	0.7915	0.8816	0.2996	0.1317	0.8345	0.3038	0.7709
1.4	0.9026	0.8728	0.6349	0.0250	0.2665	0.8286	0.0267	0.9084
1.5	0.9135	0.9478	0.6213	0.1792	0.4420	0.7926	0.1777	0.9398
1.6	0.9213	0.9639	0.9151	0.7762	0.6488	0.8852	0.7773	0.9782
1.7	0.8958	0.9526	0.9767	0.9203	0.7892	0.9480	0.9204	0.9824
1.8	0.8852	0.9477	0.9798	0.9012	0.8345	0.9371	0.9009	0.9837
1.9	0.8307	0.9255	0.9687	0.8248	0.8462	0.8942	0.8242	0.9806
2.0	0.8594	0.9333	0.9521	0.8443	0.8864	0.8975	0.8439	0.9690
2.1	0.8921	0.9065	0.9054	0.8668	0.9144	0.8904	0.8670	0.9227
2.2	0.9155	0.8380	0.8386	0.8860	0.8745	0.8361	0.8866	0.8574
2.3	0.8584	0.4091	0.3914	0.8036	0.4684	0.3974	0.8025	0.4280
2.4	0.8805	0.6305	0.6343	0.7703	0.5221	0.6165	0.7586	0.5774
2.5	0.9461	0.8755	0.9263	0.8896	0.7715	0.9206	0.8862	0.8769
2.6	0.9771	0.9467	0.9834	0.9500	0.8533	0.9816	0.9492	0.9552
2.7	0.9850	0.9248	0.9897	0.9668	0.7272	0.9886	0.9662	0.9527
2.8	0.9804	0.8081	0.9887	0.9577	0.5157	0.9866	0.9567	0.8932
2.9	0.9871	0.7172	0.9958	0.9715	0.6304	0.9953	0.9704	0.8392
3.0	0.9913	0.6223	0.9968	0.9781	0.7170	0.9955	0.9774	0.5979
3.1	0.9930	0.7489	0.9976	0.9820	0.8170	0.9964	0.9818	0.6202
3.2	0.9941	0.8753	0.9981	0.9852	0.8991	0.9974	0.9847	0.8652
3.3	0.9944	0.9475	0.9985	0.9852	0.9325	0.9979	0.9848	0.9433
3.4	0.9946	0.9436	0.9983	0.9855	0.9395	0.9977	0.9853	0.9554
3.5	0.9961	0.9873	0.9993	0.9894	0.9652	0.9989	0.9893	0.9867
3.6	0.9951	0.9865	0.9993	0.9865	0.9837	0.9990	0.9863	0.9884
3.7	0.9959	0.9915	0.9996	0.9880	0.9857	0.9990	0.9878	0.9927
3.8	0.9957	0.9915	0.9995	0.9872	0.9834	0.9988	0.9868	0.9933
3.9	0.9966	0.9924	0.9994	0.9896	0.9839	0.9986	0.9894	0.9927
4.0	0.9972	0.9941	0.9995	0.9916	0.9885	0.9989	0.9914	0.9943
4.1	0.9978	0.9946	0.9994	0.9928	0.9891	0.9988	0.9927	0.9947
4.2	0.9977	0.9948	0.9992	0.9924	0.9879	0.9984	0.9925	0.9950
4.3	0.9976	0.9952	0.9992	0.9922	0.9896	0.9986	0.9922	0.9962
4.4	0.9988	0.9956	0.9992	0.9959	0.9910	0.9986	0.9959	0.9959
4.5	0.9992	0.9973	0.9993	0.9975	0.9943	0.9988	0.9974	0.9973
4.6	0.9991	0.9970	0.9990	0.9967	0.9925	0.9984	0.9966	0.9968
4.7	0.9992	0.9963	0.9985	0.9970	0.9899	0.9973	0.9969	0.9964
4.8	0.9994	0.9969	0.9984	0.9976	0.9917	0.9974	0.9975	0.9970
4.9	0.9990	0.9970	0.9982	0.9962	0.9932	0.9972	0.9961	0.9964
5.0	0.9991	0.9971	0.9974	0.9966	0.9918	0.9959	0.9965	0.9968
5.1	0.9992	0.9978	0.9974	0.9968	0.9932	0.9955	0.9968	0.9970
5.2	0.9991	0.9975	0.9959	0.9966	0.9899	0.9927	0.9966	0.9955
5.3	0.9991	0.9980	0.9963	0.9977	0.9951	0.9937	0.9977	0.9982
5.4	0.9993	0.9983	0.9969	0.9977	0.9960	0.9944	0.9978	0.9979
5.5	0.9990	0.9979	0.9970	0.9968	0.9952	0.9943	0.9969	0.9973
5.6	0.9981	0.9978	0.9945	0.9947	0.9922	0.9902	0.9947	0.9962
5.7	0.9976	0.9971	0.9926	0.9938	0.9904	0.9865	0.9936	0.9941
5.8	0.9984	0.9977	0.9931	0.9961	0.9941	0.9871	0.9960	0.9963
5.9	0.9981	0.9982	0.9911	0.9952	0.9952	0.9832	0.9953	0.9973
6.0	0.9980	0.9976	0.9904	0.9945	0.9940	0.9839	0.9946	0.9965
6.1	0.9988	0.9978	0.9926	0.9963	0.9946	0.9881	0.9963	0.9966
6.2	0.9989	0.9980	0.9919	0.9966	0.9933	0.9872	0.9966	0.9954
6.3	0.9984	0.9973	0.9908	0.9953	0.9899	0.9849	0.9954	0.9926
6.4	0.9989	0.9978	0.9898	0.9967	0.9910	0.9833	0.9967	0.9931
6.5	0.9988	0.9975	0.9905	0.9967	0.9896	0.9849	0.9964	0.9915
6.6	0.9986	0.9977	0.9857	0.9959	0.9888	0.9778	0.9958	0.9903
6.7	0.9990	0.9971	0.9897	0.9968	0.9846	0.9846	0.9971	0.9862
6.8	0.9989	0.9971	0.9919	0.9973	0.9759	0.9869	0.9974	0.9782
6.9	0.9984	0.9960	0.9902	0.9968	0.9671	0.9849	0.9969	0.9692
7.0	0.9973	0.9947	0.9884	0.9965	0.9465	0.9836	0.9971	0.9485
7.1	0.9911	0.9905	0.9717	0.9939	0.8792	0.9655	0.9963	0.8812
7.2	0.9931	0.9901	0.9757	0.9934	0.8915	0.9698	0.9962	0.8917
7.3	0.9967	0.9969	0.9817	0.9967	0.9641	0.9754	0.9971	0.9635
7.4	0.9909	0.9932	0.9744	0.9974	0.9196	0.9712	0.9959	0.9161
7.5	0.9946	0.9938	0.9747	0.9980	0.9223	0.9685	0.9971	0.9150
7.6	0.9976	0.9960	0.9849	0.9979	0.9515	0.9793	0.9973	0.9440
7.7	0.9980	0.9944	0.9855	0.9976	0.9610	0.9777	0.9970	0.9535
7.8	0.9988	0.9975	0.9895	0.9984	0.9885	0.9833	0.9982	0.9863
7.9	0.9989	0.9979	0.9892	0.9987	0.9929	0.9828	0.9985	0.9918

8.0	0.9982	0.9979	0.9897	0.9987	0.9785	0.9836	0.9985	0.9774
8.1	0.9986	0.9977	0.9913	0.9986	0.9889	0.9859	0.9986	0.9888
8.2	0.9985	0.9966	0.9917	0.9987	0.9827	0.9861	0.9986	0.9798
8.3	0.9983	0.9977	0.9921	0.9988	0.9741	0.9871	0.9988	0.9717
8.4	0.9980	0.9973	0.9918	0.9988	0.9739	0.9858	0.9989	0.9742
8.5	0.9975	0.9961	0.9919	0.9990	0.9684	0.9877	0.9989	0.9710
8.6	0.9975	0.9974	0.9932	0.9991	0.9843	0.9890	0.9988	0.9864
8.7	0.9980	0.9979	0.9952	0.9992	0.9896	0.9919	0.9991	0.9909
8.8	0.9973	0.9967	0.9963	0.9992	0.9776	0.9938	0.9993	0.9798
8.9	0.9976	0.9968	0.9945	0.9990	0.9749	0.9915	0.9992	0.9771
9.0	0.9944	0.9953	0.9931	0.9988	0.9536	0.9895	0.9992	0.9567
9.1	0.9927	0.9935	0.9935	0.9988	0.9672	0.9898	0.9991	0.9682
9.2	0.9864	0.9841	0.9848	0.9979	0.9039	0.9802	0.9987	0.9078
9.3	0.9746	0.9814	0.9805	0.9973	0.9090	0.9766	0.9990	0.9105
9.4	0.9726	0.9835	0.9852	0.9984	0.9583	0.9807	0.9993	0.9574
9.5	0.9836	0.9874	0.9877	0.9988	0.9725	0.9813	0.9993	0.9718
9.6	0.9895	0.9877	0.9891	0.9990	0.9808	0.9818	0.9992	0.9799
9.7	0.9942	0.9929	0.9924	0.9994	0.9903	0.9873	0.9994	0.9895
9.8	0.9954	0.9951	0.9940	0.9993	0.9927	0.9910	0.9993	0.9918
9.9	0.9975	0.9952	0.9953	0.9992	0.9961	0.9913	0.9993	0.9957
10.0	0.9969	0.9958	0.9959	0.9987	0.9980	0.9924	0.9992	0.9977
10.1	0.9977	0.9959	0.9958	0.9992	0.9970	0.9927	0.9992	0.9965
10.2	0.9984	0.9964	0.9954	0.9994	0.9983	0.9931	0.9994	0.9979
10.3	0.9976	0.9961	0.9958	0.9991	0.9984	0.9931	0.9990	0.9981
10.4	0.9981	0.9967	0.9963	0.9992	0.9987	0.9939	0.9990	0.9984
10.5	0.9981	0.9967	0.9956	0.9989	0.9983	0.9927	0.9988	0.9980
10.6	0.9975	0.9960	0.9953	0.9987	0.9987	0.9921	0.9985	0.9983
10.7	0.9986	0.9973	0.9966	0.9991	0.9988	0.9942	0.9990	0.9983
10.8	0.9988	0.9963	0.9973	0.9985	0.9987	0.9958	0.9985	0.9983
10.9	0.9982	0.9967	0.9971	0.9985	0.9986	0.9943	0.9985	0.9982
11.0	0.9977	0.9960	0.9957	0.9976	0.9985	0.9920	0.9976	0.9980
11.1	0.9986	0.9961	0.9964	0.9982	0.9986	0.9938	0.9981	0.9983
11.2	0.9990	0.9961	0.9961	0.9981	0.9986	0.9931	0.9979	0.9981
11.3	0.9987	0.9959	0.9968	0.9987	0.9984	0.9935	0.9986	0.9977
11.4	0.9987	0.9965	0.9973	0.9983	0.9985	0.9948	0.9983	0.9980
11.5	0.9986	0.9958	0.9968	0.9979	0.9984	0.9939	0.9978	0.9981
11.6	0.9985	0.9959	0.9968	0.9983	0.9984	0.9941	0.9982	0.9982
11.7	0.9988	0.9961	0.9976	0.9982	0.9983	0.9960	0.9982	0.9980
11.8	0.9988	0.9964	0.9978	0.9979	0.9982	0.9969	0.9978	0.9976
11.9	0.9990	0.9962	0.9974	0.9975	0.9981	0.9962	0.9974	0.9974
12.0	0.9991	0.9969	0.9979	0.9981	0.9986	0.9964	0.9980	0.9980
12.1	0.9990	0.9960	0.9977	0.9966	0.9983	0.9964	0.9964	0.9978
12.2	0.9987	0.9957	0.9975	0.9969	0.9980	0.9965	0.9967	0.9976
12.3	0.9982	0.9956	0.9973	0.9967	0.9978	0.9961	0.9966	0.9969
12.4	0.9974	0.9947	0.9965	0.9962	0.9976	0.9941	0.9961	0.9971
12.5	0.9974	0.9946	0.9965	0.9964	0.9973	0.9949	0.9965	0.9965
12.6	0.9972	0.9961	0.9977	0.9968	0.9982	0.9957	0.9967	0.9968
12.7	0.9969	0.9954	0.9975	0.9965	0.9977	0.9943	0.9963	0.9960
12.8	0.9951	0.9932	0.9961	0.9958	0.9959	0.9916	0.9956	0.9934
12.9	0.9932	0.9906	0.9943	0.9942	0.9943	0.9875	0.9937	0.9916
13.0	0.9951	0.9925	0.9939	0.9946	0.9953	0.9925	0.9942	0.9927
13.1	0.9959	0.9931	0.9942	0.9957	0.9958	0.9936	0.9956	0.9937
13.2	0.9960	0.9925	0.9933	0.9940	0.9954	0.9941	0.9939	0.9934
13.3	0.9966	0.9925	0.9933	0.9941	0.9958	0.9948	0.9939	0.9934
13.4	0.9960	0.9932	0.9942	0.9953	0.9959	0.9940	0.9954	0.9930
13.5	0.9966	0.9933	0.9943	0.9943	0.9955	0.9947	0.9944	0.9936
13.6	0.9952	0.9895	0.9908	0.9914	0.9926	0.9919	0.9911	0.9886
13.7	0.9952	0.9906	0.9912	0.9928	0.9924	0.9914	0.9923	0.9860
13.8	0.9965	0.9920	0.9920	0.9946	0.9932	0.9921	0.9943	0.9874
13.9	0.9940	0.9888	0.9908	0.9925	0.9918	0.9910	0.9923	0.9853
14.0	0.9917	0.9863	0.9893	0.9925	0.9893	0.9886	0.9926	0.9810
14.1	0.9930	0.9869	0.9885	0.9918	0.9896	0.9896	0.9921	0.9818
14.2	0.9934	0.9882	0.9900	0.9907	0.9904	0.9909	0.9909	0.9845
14.3	0.9919	0.9872	0.9892	0.9918	0.9890	0.9883	0.9919	0.9830
14.4	0.9886	0.9835	0.9849	0.9900	0.9846	0.9832	0.9900	0.9775
14.5	0.9835	0.9793	0.9791	0.9861	0.9812	0.9781	0.9860	0.9689
14.6	0.9796	0.9767	0.9782	0.9833	0.9766	0.9783	0.9838	0.9666
14.7	0.9808	0.9780	0.9776	0.9858	0.9773	0.9759	0.9864	0.9600
14.8	0.9816	0.9764	0.9747	0.9875	0.9777	0.9721	0.9877	0.9649
14.9	0.9859	0.9808	0.9783	0.9891	0.9789	0.9764	0.9893	0.9662
15.0	0.9845	0.9727	0.9736	0.9818	0.9740	0.9715	0.9820	0.9567
15.1	0.9706	0.9583	0.9593	0.9663	0.9571	0.9577	0.9660	0.9301
15.2	0.9642	0.9574	0.9542	0.9653	0.9533	0.9463	0.9649	0.9189
15.3	0.9602	0.9543	0.9534	0.9624	0.9516	0.9416	0.9617	0.9098
15.4	0.9259	0.9158	0.9163	0.9264	0.9108	0.9052	0.9257	0.8760
15.5	0.9291	0.9264	0.9246	0.9308	0.9223	0.9126	0.9303	0.8978
15.6	0.9250	0.9312	0.9265	0.9285	0.9297	0.9086	0.9279	0.8863
15.7	0.8778	0.8970	0.9067	0.8862	0.8966	0.8855	0.8851	0.8631
15.8	0.9001	0.9188	0.9106	0.9102	0.9169	0.9003	0.9091	0.8908
15.9	0.9539	0.9621	0.9399	0.9582	0.9560	0.9364	0.9580	0.9427
16.0	0.9610	0.9800	0.9590	0.9659	0.9760	0.9493	0.9654	0.9522
16.1	0.9686	0.9786	0.9607	0.9740	0.9669	0.9599	0.9735	0.9621
16.2	0.9693	0.9797	0.9514	0.9735	0.9589	0.9495	0.9729	0.9527
16.3	0.9653	0.9804	0.9450	0.9722	0.9570	0.9422	0.9711	0.9445
16.4	0.9610	0.9758	0.9459	0.9688	0.9548	0.9420	0.9676	0.9407
16.5	0.9532	0.9642	0.9245	0.9642	0.9332	0.9190	0.9627	0.9174

16.6	0.9549	0.9644	0.9231	0.9618	0.9315	0.9176	0.9600	0.9155
16.7	0.9534	0.9623	0.9160	0.9668	0.9247	0.9101	0.9648	0.9053
16.8	0.9631	0.9654	0.9241	0.9753	0.9303	0.9182	0.9732	0.9104
16.9	0.9677	0.9697	0.9318	0.9784	0.9415	0.9269	0.9762	0.9221
17.0	0.9703	0.9729	0.9401	0.9855	0.9521	0.9359	0.9846	0.9361
17.1	0.9736	0.9840	0.9631	0.9900	0.9725	0.9596	0.9896	0.9600
17.2	0.9866	0.9802	0.9464	0.9882	0.9605	0.9420	0.9874	0.9458
17.3	0.9881	0.9819	0.9469	0.9922	0.9600	0.9419	0.9917	0.9443
17.4	0.9923	0.9879	0.9633	0.9954	0.9725	0.9593	0.9951	0.9613
17.5	0.9914	0.9882	0.9629	0.9956	0.9685	0.9589	0.9952	0.9577
17.6	0.9911	0.9884	0.9624	0.9963	0.9705	0.9581	0.9961	0.9593
17.7	0.9909	0.9922	0.9733	0.9974	0.9802	0.9700	0.9974	0.9718
17.8	0.9888	0.9908	0.9713	0.9973	0.9773	0.9676	0.9975	0.9703
17.9	0.9862	0.9907	0.9683	0.9972	0.9754	0.9635	0.9974	0.9674
18.0	0.9847	0.9922	0.9735	0.9973	0.9808	0.9689	0.9976	0.9725
18.1	0.9879	0.9941	0.9800	0.9970	0.9854	0.9761	0.9973	0.9788
18.2	0.9882	0.9943	0.9812	0.9969	0.9863	0.9775	0.9972	0.9801
18.3	0.9850	0.9943	0.9815	0.9969	0.9852	0.9777	0.9973	0.9786
18.4	0.9854	0.9943	0.9813	0.9969	0.9835	0.9772	0.9971	0.9754
18.5	0.9812	0.9961	0.9820	0.9974	0.9783	0.9767	0.9975	0.9607
18.6	0.9899	0.9972	0.9814	0.9975	0.9720	0.9746	0.9977	0.9472
18.7	0.9789	0.9976	0.9855	0.9972	0.9785	0.9804	0.9972	0.9674
18.8	0.9792	0.9978	0.9909	0.9969	0.9905	0.9880	0.9970	0.9880
18.9	0.9820	0.9975	0.9894	0.9967	0.9900	0.9868	0.9968	0.9878
19.0	0.9791	0.9979	0.9907	0.9971	0.9930	0.9881	0.9972	0.9908
19.1	0.9845	0.9986	0.9931	0.9980	0.9948	0.9912	0.9979	0.9932
19.2	0.9810	0.9981	0.9905	0.9968	0.9919	0.9883	0.9969	0.9888
19.3	0.9824	0.9979	0.9899	0.9972	0.9919	0.9866	0.9973	0.9879
19.4	0.9864	0.9980	0.9907	0.9972	0.9928	0.9872	0.9973	0.9887
19.5	0.9813	0.9979	0.9896	0.9969	0.9927	0.9858	0.9970	0.9884
19.6	0.9826	0.9987	0.9926	0.9967	0.9939	0.9907	0.9968	0.9907
19.7	0.9792	0.9984	0.9914	0.9965	0.9932	0.9894	0.9965	0.9891
19.8	0.9852	0.9985	0.9920	0.9971	0.9939	0.9897	0.9971	0.9900
19.9	0.9882	0.9986	0.9922	0.9968	0.9936	0.9895	0.9969	0.9895
20.0	0.9848	0.9989	0.9941	0.9961	0.9952	0.9915	0.9961	0.9913
20.1	0.9881	0.9991	0.9943	0.9962	0.9956	0.9922	0.9962	0.9921
20.2	0.9835	0.9988	0.9919	0.9943	0.9932	0.9888	0.9942	0.9869
20.3	0.9846	0.9986	0.9909	0.9944	0.9931	0.9874	0.9944	0.9857
20.4	0.9827	0.9990	0.9930	0.9927	0.9947	0.9900	0.9927	0.9908
20.5	0.9814	0.9990	0.9930	0.9914	0.9943	0.9901	0.9914	0.9887
20.6	0.9777	0.9987	0.9906	0.9894	0.9925	0.9868	0.9892	0.9836
20.7	0.9815	0.9989	0.9910	0.9916	0.9936	0.9859	0.9915	0.9862
20.8	0.9877	0.9992	0.9912	0.9928	0.9947	0.9874	0.9927	0.9888
20.9	0.9750	0.9990	0.9908	0.9852	0.9934	0.9883	0.9852	0.9870
21.0	0.9780	0.9990	0.9891	0.9855	0.9934	0.9854	0.9854	0.9835
21.1	0.9730	0.9988	0.9862	0.9792	0.9921	0.9823	0.9791	0.9823
21.2	0.9699	0.9989	0.9890	0.9766	0.9914	0.9859	0.9765	0.9792
21.3	0.9660	0.9991	0.9898	0.9722	0.9931	0.9865	0.9720	0.9808
21.4	0.9728	0.9990	0.9889	0.9778	0.9928	0.9862	0.9777	0.9809
21.5	0.9763	0.9990	0.9869	0.9776	0.9918	0.9856	0.9776	0.9760
21.6	0.9786	0.9990	0.9861	0.9757	0.9932	0.9846	0.9757	0.9745
21.7	0.9811	0.9992	0.9879	0.9808	0.9942	0.9850	0.9809	0.9729
21.8	0.9738	0.9993	0.9877	0.9715	0.9936	0.9846	0.9715	0.9618
21.9	0.9597	0.9987	0.9836	0.9557	0.9893	0.9789	0.9557	0.9410
22.0	0.9512	0.9989	0.9853	0.9530	0.9897	0.9791	0.9530	0.9446
22.1	0.9604	0.9990	0.9827	0.9635	0.9888	0.9805	0.9633	0.9576
22.2	0.9624	0.9990	0.9837	0.9702	0.9900	0.9818	0.9701	0.9677
22.3	0.9561	0.9991	0.9854	0.9622	0.9902	0.9800	0.9619	0.9565
22.4	0.9541	0.9989	0.9819	0.9574	0.9878	0.9772	0.9574	0.9440
22.5	0.9691	0.9992	0.9850	0.9715	0.9902	0.9834	0.9717	0.9628
22.6	0.9607	0.9990	0.9774	0.9633	0.9805	0.9826	0.9633	0.9614
22.7	0.9613	0.9988	0.9698	0.9578	0.9769	0.9782	0.9580	0.9569
22.8	0.9691	0.9989	0.9764	0.9656	0.9811	0.9763	0.9657	0.9594
22.9	0.9682	0.9984	0.9689	0.9560	0.9775	0.9706	0.9564	0.9479
23.0	0.9780	0.9985	0.9673	0.9687	0.9756	0.9732	0.9690	0.9508
23.1	0.9763	0.9988	0.9733	0.9636	0.9734	0.9787	0.9644	0.9621
23.2	0.9834	0.9992	0.9797	0.9708	0.9820	0.9818	0.9713	0.9693
23.3	0.9806	0.9991	0.9749	0.9644	0.9792	0.9770	0.9645	0.9504
23.4	0.9772	0.9988	0.9693	0.9573	0.9780	0.9680	0.9582	0.9362
23.5	0.9789	0.9989	0.9637	0.9608	0.9785	0.9687	0.9617	0.9272
23.6	0.9712	0.9985	0.9486	0.9591	0.9749	0.9574	0.9603	0.9032
23.7	0.9805	0.9988	0.9576	0.9620	0.9747	0.9633	0.9629	0.9095
23.8	0.9828	0.9989	0.9548	0.9619	0.9719	0.9584	0.9632	0.8680
23.9	0.9754	0.9990	0.9545	0.9537	0.9686	0.9627	0.9554	0.8720
24.0	0.9796	0.9991	0.9544	0.9538	0.9732	0.9599	0.9548	0.8540
24.1	0.9761	0.9987	0.9356	0.9424	0.9607	0.9427	0.9442	0.7456
24.2	0.9688	0.9982	0.9122	0.9312	0.9561	0.9197	0.9337	0.6593
24.3	0.9644	0.9984	0.9173	0.9192	0.9579	0.9207	0.9233	0.6113
24.4	0.9599	0.9984	0.9166	0.9086	0.9539	0.9151	0.9134	0.4939
24.5	0.9615	0.9983	0.9115	0.9135	0.9580	0.9132	0.9179	0.4148
24.6	0.9476	0.9984	0.9210	0.9225	0.9684	0.9298	0.9280	0.3652
24.7	0.9451	0.9982	0.8907	0.8902	0.9631	0.8909	0.8983	0.1663
24.8	0.9615	0.9988	0.9150	0.8959	0.9719	0.9106	0.9017	0.1688
24.9	0.9473	0.9989	0.9124	0.8594	0.9754	0.9077	0.8707	0.3713
25.0	0.9463	0.9990	0.9175	0.8722	0.9799	0.9149	0.8835	0.5717
25.1	0.9335	0.9986	0.8912	0.8287	0.9746	0.8971	0.8395	0.5882

25.2	0.8986	0.9986	0.8802	0.7781	0.9733	0.8922	0.7991	0.7651
25.3	0.8955	0.9987	0.8726	0.7268	0.9741	0.8806	0.7536	0.8053
25.4	0.8919	0.9989	0.8583	0.6486	0.9765	0.8699	0.6766	0.8410
25.5	0.8844	0.9989	0.8170	0.6522	0.9709	0.8421	0.6841	0.8686
25.6	0.9038	0.9989	0.8329	0.6077	0.9665	0.8358	0.6448	0.9146
25.7	0.8815	0.9982	0.7139	0.4005	0.9495	0.7180	0.4579	0.9320
25.8	0.8847	0.9986	0.7533	0.2236	0.9643	0.7843	0.3002	0.9493
25.9	0.9022	0.9989	0.7857	0.0570	0.9712	0.7995	0.1193	0.9618
26.0	0.9097	0.9993	0.7805	0.0249	0.9775	0.7906	0.0100	0.9561
26.1	0.8778	0.9989	0.7125	0.1443	0.9695	0.7470	0.0788	0.9617
26.2	0.7859	0.9984	0.6564	0.1707	0.9548	0.7067	0.1186	0.9536
26.3	0.7597	0.9983	0.6094	0.2671	0.9463	0.6548	0.1981	0.9482
26.4	0.8030	0.9987	0.6284	0.4284	0.9554	0.6726	0.3655	0.9531
26.5	0.7954	0.9987	0.6135	0.5814	0.9558	0.6890	0.5481	0.9675
26.6	0.8585	0.9988	0.5979	0.7356	0.9561	0.6817	0.7041	0.9666
26.7	0.8367	0.9985	0.4926	0.7725	0.9419	0.6034	0.7362	0.9577
26.8	0.8822	0.9981	0.2927	0.8983	0.9258	0.4364	0.8834	0.9644
26.9	0.9010	0.9983	0.2832	0.8946	0.9154	0.4074	0.8872	0.9702
27.0	0.9052	0.9981	0.2312	0.8777	0.9038	0.3346	0.8712	0.9569
27.1	0.9100	0.9982	0.2687	0.9076	0.9123	0.3854	0.9098	0.9560
27.2	0.9219	0.9982	0.1029	0.9414	0.9105	0.2667	0.9455	0.9518
27.3	0.9182	0.9981	0.0656	0.9353	0.9033	0.2509	0.9351	0.9574
27.4	0.9220	0.9985	0.1097	0.9242	0.9227	0.3662	0.9222	0.9559
27.5	0.9054	0.9980	0.1834	0.9109	0.8901	0.4217	0.9119	0.9336
27.6	0.8671	0.9974	0.1300	0.8772	0.8414	0.2969	0.8765	0.9090
27.7	0.8753	0.9979	0.3245	0.8819	0.8354	0.4673	0.8820	0.9198
27.8	0.8559	0.9979	0.5593	0.8488	0.8142	0.6171	0.8508	0.9026
27.9	0.8264	0.9972	0.6351	0.8270	0.7808	0.6153	0.8349	0.8822
28.0	0.7826	0.9971	0.7038	0.7472	0.6680	0.6755	0.7539	0.8519
28.1	0.7658	0.9982	0.8215	0.7520	0.6711	0.8122	0.7679	0.8970
28.2	0.6311	0.9977	0.8093	0.6304	0.5722	0.7938	0.6520	0.8600
28.3	0.4176	0.9968	0.7761	0.4237	0.3078	0.7342	0.4622	0.7939
28.4	0.3914	0.9977	0.7941	0.3606	0.2698	0.7577	0.4352	0.7787
28.5	0.4697	0.9971	0.8167	0.3396	0.1025	0.8144	0.4126	0.7515
28.6	0.4729	0.9975	0.8595	0.3377	0.2349	0.8535	0.4084	0.7962
28.7	0.5347	0.9978	0.8740	0.2329	0.3417	0.8612	0.3252	0.7704
28.8	0.5895	0.9973	0.8476	0.3114	0.3330	0.8427	0.3954	0.7189
28.9	0.6658	0.9971	0.8725	0.3853	0.4362	0.8674	0.4540	0.7806
29.0	0.6749	0.9978	0.9031	0.3847	0.4810	0.9048	0.4591	0.8381
29.1	0.6427	0.9977	0.8933	0.3438	0.5177	0.8980	0.4092	0.8262
29.2	0.7131	0.9974	0.8937	0.4697	0.6319	0.8924	0.4956	0.8124
29.3	0.7579	0.9979	0.9134	0.5149	0.6905	0.9118	0.5535	0.8447
29.4	0.7376	0.9975	0.8835	0.5973	0.5980	0.8919	0.6175	0.8022
29.5	0.8339	0.9980	0.9233	0.6838	0.7337	0.9210	0.7043	0.8705
29.6	0.8293	0.9977	0.9162	0.7156	0.7510	0.9130	0.7113	0.8652
29.7	0.7942	0.9967	0.8850	0.6113	0.6596	0.8883	0.5747	0.8088
29.8	0.8451	0.9982	0.9143	0.7361	0.7235	0.9231	0.7270	0.8617
29.9	0.8554	0.9977	0.8927	0.7571	0.6569	0.8997	0.7608	0.8266
30.0	0.8840	0.9975	0.9201	0.7624	0.7552	0.9186	0.7559	0.8752
30.1	0.8920	0.9978	0.9210	0.8061	0.7939	0.9268	0.7930	0.8879
30.2	0.8964	0.9980	0.9360	0.7388	0.8053	0.9377	0.7411	0.8910
30.3	0.8758	0.9976	0.9204	0.7112	0.7835	0.9333	0.7060	0.8864
30.4	0.8842	0.9978	0.9157	0.7093	0.8006	0.9268	0.7002	0.8785
30.5	0.9245	0.9978	0.9496	0.6159	0.8593	0.9315	0.5980	0.8866
30.6	0.9317	0.9978	0.9538	0.5402	0.8648	0.9215	0.5193	0.8822
30.7	0.9072	0.9975	0.9371	0.6298	0.8490	0.9185	0.6007	0.8753
30.8	0.9176	0.9977	0.9543	0.6939	0.8556	0.9179	0.6540	0.8878
30.9	0.8943	0.9971	0.9393	0.6336	0.7984	0.9033	0.6098	0.8369
31.0	0.8997	0.9981	0.9358	0.6403	0.8280	0.8978	0.6282	0.7606
31.1	0.9247	0.9984	0.9531	0.6677	0.8874	0.9185	0.6615	0.8072
31.2	0.9412	0.9979	0.9642	0.5797	0.8969	0.8918	0.5561	0.7160
31.3	0.9272	0.9977	0.9663	0.5812	0.8694	0.8502	0.5656	0.5482
31.4	0.9167	0.9971	0.9668	0.5769	0.8717	0.8289	0.5586	0.4282
31.5	0.9368	0.9974	0.9590	0.7308	0.8798	0.8828	0.7284	0.3802
31.6	0.9437	0.9977	0.9667	0.7471	0.9159	0.9105	0.7442	0.5054
31.7	0.9335	0.9966	0.9636	0.7191	0.9211	0.9008	0.7109	0.5260
31.8	0.9532	0.9979	0.9681	0.7957	0.9227	0.9241	0.7948	0.6164
31.9	0.9268	0.9974	0.9545	0.7024	0.8903	0.9050	0.6991	0.5948
32.0	0.9314	0.9963	0.9437	0.6254	0.9020	0.8838	0.6263	0.5125
32.1	0.9474	0.9966	0.9657	0.6999	0.9379	0.9082	0.7017	0.6553
32.2	0.9563	0.9963	0.9690	0.7458	0.9464	0.9269	0.7499	0.7688
32.3	0.9551	0.9968	0.9667	0.8029	0.9503	0.9479	0.8070	0.8079
32.4	0.9502	0.9963	0.9625	0.8467	0.9416	0.9547	0.8508	0.8453
32.5	0.9639	0.9963	0.9708	0.8341	0.9552	0.9611	0.8422	0.8791
32.6	0.9616	0.9966	0.9728	0.8576	0.9618	0.9680	0.8677	0.9065
32.7	0.9730	0.9970	0.9835	0.8698	0.9748	0.9763	0.8783	0.9528
32.8	0.9736	0.9962	0.9800	0.8578	0.9714	0.9712	0.8691	0.9542
32.9	0.9598	0.9928	0.9709	0.8373	0.9625	0.9597	0.8515	0.9247
33.0	0.9664	0.9944	0.9810	0.8581	0.9703	0.9781	0.8715	0.9565
33.1	0.9759	0.9954	0.9801	0.8780	0.9675	0.9847	0.8935	0.9776
33.2	0.9813	0.9949	0.9859	0.9042	0.9807	0.9851	0.9193	0.9751
33.3	0.9853	0.9949	0.9899	0.9336	0.9872	0.9900	0.9463	0.9824
33.4	0.9770	0.9894	0.9781	0.9196	0.9725	0.9821	0.9360	0.9702
33.5	0.9746	0.9894	0.9793	0.9111	0.9762	0.9817	0.9342	0.9682
33.6	0.9804	0.9883	0.9841	0.9174	0.9800	0.9852	0.9359	0.9762
33.7	0.9784	0.9779	0.9809	0.9227	0.9750	0.9816	0.9377	0.9769

33.8	0.9718	0.9711	0.9759	0.9182	0.9729	0.9761	0.9352	0.9646
33.9	0.9654	0.9544	0.9725	0.9441	0.9703	0.9740	0.9539	0.9587
34.0	0.9623	0.9428	0.9731	0.9495	0.9698	0.9751	0.9549	0.9671
34.1	0.9600	0.9374	0.9685	0.9537	0.9658	0.9690	0.9572	0.9633
34.2	0.9430	0.9329	0.9493	0.9393	0.9499	0.9502	0.9428	0.9458
34.3	0.9386	0.9514	0.9453	0.9230	0.9472	0.9452	0.9308	0.9443
34.4	0.9391	0.9639	0.9416	0.9154	0.9465	0.9407	0.9210	0.9403
34.5	0.9471	0.9769	0.9387	0.9295	0.9457	0.9381	0.9302	0.9396
34.6	0.9538	0.9861	0.9487	0.9401	0.9553	0.9473	0.9405	0.9526
34.7	0.9720	0.9943	0.9737	0.9625	0.9773	0.9728	0.9629	0.9758
34.8	0.9679	0.9941	0.9581	0.9481	0.9648	0.9563	0.9459	0.9655
34.9	0.9830	0.9976	0.9773	0.9479	0.9812	0.9750	0.9532	0.9775
35.0	0.9745	0.9976	0.9744	0.8956	0.9755	0.9743	0.9202	0.9761
35.1	0.9575	0.9973	0.9625	0.8144	0.9655	0.9564	0.8656	0.9566
35.2	0.9595	0.9978	0.9588	0.7865	0.9706	0.9529	0.8397	0.9534
35.3	0.9495	0.9979	0.9413	0.6059	0.9663	0.9399	0.6885	0.9457
35.4	0.9314	0.9980	0.9196	0.3634	0.9624	0.8988	0.3698	0.9042
35.5	0.9149	0.9986	0.8820	0.4102	0.9553	0.8534	0.0560	0.8744
35.6	0.9147	0.9984	0.7751	0.4812	0.9385	0.7366	0.0894	0.8039
35.7	0.8003	0.9980	0.7163	0.5269	0.9307	0.6395	0.2068	0.7195
35.8	0.6825	0.9971	0.5984	0.6543	0.8887	0.4759	0.4597	0.6521
35.9	0.7603	0.9982	0.6553	0.8555	0.9233	0.4769	0.7598	0.7620
36.0	0.6467	0.9981	0.5059	0.8523	0.8975	0.2916	0.7852	0.7047
36.1	0.6027	0.9979	0.2339	0.8603	0.8685	0.0314	0.7991	0.6082
36.2	0.5676	0.9982	0.0418	0.8751	0.8592	0.0314	0.8099	0.5058
36.3	0.5057	0.9979	0.0109	0.8598	0.8301	0.0849	0.8271	0.5091
36.4	0.5800	0.9982	0.1510	0.8806	0.8138	0.3582	0.8469	0.4104
36.5	0.6309	0.9989	0.3525	0.9021	0.8329	0.5119	0.8692	0.3220
36.6	0.5108	0.9980	0.4599	0.8567	0.7462	0.5898	0.8342	0.1461
36.7	0.7158	0.9982	0.6619	0.8964	0.8115	0.7579	0.8857	0.1330
36.8	0.7877	0.9987	0.7023	0.9185	0.7920	0.7811	0.9058	0.0560
36.9	0.6482	0.9980	0.7158	0.9152	0.7358	0.7786	0.9014	0.0866
37.0	0.7193	0.9977	0.7432	0.9160	0.7623	0.7874	0.9079	0.0887
37.1	0.8006	0.9978	0.8376	0.9290	0.8300	0.8630	0.9224	0.1074
37.2	0.8179	0.9985	0.8619	0.9409	0.8504	0.8873	0.9311	0.2308
37.3	0.8215	0.9979	0.8184	0.9214	0.8301	0.8442	0.9075	0.1814
37.4	0.8317	0.9969	0.7953	0.9140	0.8109	0.8184	0.9025	0.2061
37.5	0.8753	0.9976	0.8444	0.9455	0.8458	0.8664	0.9436	0.2598
37.6	0.9061	0.9982	0.8757	0.9572	0.8875	0.8929	0.9536	0.2848
37.7	0.9241	0.9982	0.8773	0.9544	0.9085	0.8833	0.9474	0.2414
37.8	0.9227	0.9976	0.8472	0.9573	0.8934	0.8510	0.9525	0.2221
37.9	0.9170	0.9971	0.8776	0.9599	0.9103	0.8845	0.9611	0.2758
38.0	0.9150	0.9975	0.8603	0.9621	0.9124	0.8563	0.9525	0.2303
38.1	0.9376	0.9977	0.8600	0.9588	0.9244	0.8621	0.9481	0.2119
38.2	0.9389	0.9977	0.9020	0.9659	0.9482	0.9027	0.9568	0.1550
38.3	0.9436	0.9975	0.9255	0.9738	0.9561	0.9212	0.9677	0.2578
38.4	0.9403	0.9973	0.9257	0.9684	0.9611	0.9258	0.9643	0.1229
38.5	0.9193	0.9961	0.9105	0.9525	0.9580	0.9103	0.9452	0.0970
38.6	0.9381	0.9972	0.9455	0.9724	0.9754	0.9456	0.9660	0.0358
38.7	0.9347	0.9981	0.9529	0.9759	0.9775	0.9517	0.9702	0.0469
38.8	0.9319	0.9972	0.9501	0.9755	0.9734	0.9510	0.9702	0.0248
38.9	0.9176	0.9958	0.9475	0.9675	0.9663	0.9416	0.9598	0.0428
39.0	0.9294	0.9963	0.9601	0.9705	0.9772	0.9579	0.9629	0.0486
39.1	0.9386	0.9967	0.9457	0.9693	0.9746	0.9452	0.9608	0.1126
39.2	0.9388	0.9973	0.9429	0.9613	0.9729	0.9394	0.9521	0.2143
39.3	0.9185	0.9972	0.9491	0.9754	0.9773	0.9475	0.9716	0.2886
39.4	0.9217	0.9971	0.9579	0.9800	0.9830	0.9601	0.9757	0.3875
39.5	0.9179	0.9967	0.9574	0.9732	0.9831	0.9610	0.9672	0.4217
39.6	0.9157	0.9980	0.9644	0.9733	0.9858	0.9704	0.9702	0.4428
39.7	0.9056	0.9976	0.9702	0.9716	0.9876	0.9729	0.9674	0.4217
39.8	0.8748	0.9970	0.9587	0.9650	0.9899	0.9720	0.9610	0.5830
39.9	0.8705	0.9968	0.9599	0.9644	0.9901	0.9772	0.9577	0.6909
40.0	0.8695	0.9974	0.9630	0.9621	0.9877	0.9773	0.9565	0.7498
40.1	0.8742	0.9975	0.9622	0.9639	0.9837	0.9759	0.9585	0.7952
40.2	0.8197	0.9960	0.9416	0.9418	0.9788	0.9679	0.9289	0.7873
40.3	0.8206	0.9962	0.9534	0.9487	0.9759	0.9709	0.9406	0.8499
40.4	0.7921	0.9969	0.9489	0.9320	0.9717	0.9739	0.9246	0.8154
40.5	0.8115	0.9971	0.9504	0.9341	0.9644	0.9756	0.9287	0.8179
40.6	0.7714	0.9970	0.9507	0.9346	0.9629	0.9766	0.9275	0.8636
40.7	0.7657	0.9965	0.9438	0.9279	0.9676	0.9653	0.9192	0.8310
40.8	0.8032	0.9969	0.9519	0.9379	0.9666	0.9744	0.9298	0.8592
40.9	0.7822	0.9970	0.9499	0.9337	0.9682	0.9720	0.9214	0.9056
41.0	0.7631	0.9967	0.9444	0.9225	0.9541	0.9656	0.9007	0.8968
41.1	0.8079	0.9963	0.9408	0.9197	0.9285	0.9659	0.8973	0.8998
41.2	0.8044	0.9960	0.9450	0.9392	0.9319	0.9693	0.9236	0.9255
41.3	0.7389	0.9965	0.9424	0.9297	0.9134	0.9696	0.9125	0.9232
41.4	0.6944	0.9965	0.9493	0.9094	0.9027	0.9702	0.8823	0.8885
41.5	0.7271	0.9967	0.9540	0.9053	0.8860	0.9760	0.8785	0.8963
41.6	0.6346	0.9964	0.9306	0.9187	0.8585	0.9627	0.8991	0.9101
41.7	0.6666	0.9967	0.9356	0.9272	0.8361	0.9723	0.9060	0.8788
41.8	0.6173	0.9967	0.9465	0.9516	0.8623	0.9771	0.9400	0.8593
41.9	0.6980	0.9975	0.9591	0.9578	0.8757	0.9857	0.9474	0.8718
42.0	0.6082	0.9974	0.9498	0.9530	0.8394	0.9821	0.9398	0.8715
42.1	0.5418	0.9971	0.9514	0.9384	0.8494	0.9869	0.9196	0.8884
42.2	0.4667	0.9964	0.9518	0.9390	0.8872	0.9856	0.9235	0.9170
42.3	0.4072	0.9958	0.9448	0.9471	0.8590	0.9786	0.9315	0.8912

42.4	0.5422	0.9954	0.9351	0.9371	0.8011	0.9798	0.9216	0.8652
42.5	0.6160	0.9960	0.9517	0.9267	0.8514	0.9910	0.9065	0.9199
42.6	0.6099	0.9964	0.9607	0.9370	0.8513	0.9910	0.9136	0.9177
42.7	0.6045	0.9965	0.9583	0.9237	0.8735	0.9887	0.9024	0.9209
42.8	0.5650	0.9975	0.9657	0.9308	0.8747	0.9873	0.9126	0.9194
42.9	0.3673	0.9963	0.9627	0.9171	0.8370	0.9836	0.9060	0.8707
43.0	0.5508	0.9964	0.9735	0.9389	0.8944	0.9893	0.9307	0.9352
43.1	0.6619	0.9966	0.9770	0.9581	0.9091	0.9891	0.9524	0.9510
43.2	0.7564	0.9971	0.9809	0.9715	0.8917	0.9897	0.9647	0.9512
43.3	0.7721	0.9968	0.9835	0.9651	0.8911	0.9899	0.9576	0.9454
43.4	0.8397	0.9976	0.9884	0.9736	0.9137	0.9912	0.9699	0.9597
43.5	0.8118	0.9977	0.9871	0.9699	0.9086	0.9881	0.9686	0.9523
43.6	0.8060	0.9974	0.9865	0.9642	0.8904	0.9846	0.9601	0.9402
43.7	0.8195	0.9969	0.9862	0.9675	0.8851	0.9876	0.9595	0.9400
43.8	0.8587	0.9966	0.9862	0.9721	0.8814	0.9878	0.9654	0.9620
43.9	0.7802	0.9964	0.9873	0.9786	0.8993	0.9876	0.9778	0.9680
44.0	0.7148	0.9966	0.9882	0.9763	0.9166	0.9857	0.9719	0.9629
44.1	0.7057	0.9966	0.9861	0.9777	0.9235	0.9813	0.9730	0.9638
44.2	0.7107	0.9968	0.9874	0.9716	0.8940	0.9782	0.9692	0.9523
44.3	0.8146	0.9976	0.9880	0.9746	0.9046	0.9854	0.9736	0.9571
44.4	0.7789	0.9970	0.9861	0.9704	0.8673	0.9880	0.9671	0.9520
44.5	0.8283	0.9977	0.9898	0.9687	0.9143	0.9932	0.9628	0.9742
44.6	0.7538	0.9973	0.9889	0.9493	0.8883	0.9923	0.9450	0.9813
44.7	0.7362	0.9980	0.9893	0.9247	0.8902	0.9930	0.9147	0.9851
44.8	0.6469	0.9975	0.9915	0.9641	0.9149	0.9930	0.9616	0.9892
44.9	0.4985	0.9973	0.9940	0.9801	0.9117	0.9918	0.9787	0.9878
45.0	0.5698	0.9965	0.9936	0.9818	0.9372	0.9924	0.9776	0.9889
45.1	0.6316	0.9974	0.9935	0.9826	0.9457	0.9928	0.9794	0.9873
45.2	0.5524	0.9980	0.9935	0.9676	0.9415	0.9935	0.9646	0.9872
45.3	0.5221	0.9976	0.9901	0.9476	0.9031	0.9929	0.9472	0.9756
45.4	0.4777	0.9973	0.9918	0.9317	0.8540	0.9872	0.9299	0.9708
45.5	0.4688	0.9973	0.9940	0.9565	0.9149	0.9900	0.9534	0.9760
45.6	0.5281	0.9973	0.9938	0.9567	0.9122	0.9895	0.9511	0.9771
45.7	0.4577	0.9972	0.9936	0.9575	0.9068	0.9805	0.9509	0.9625
45.8	0.6064	0.9970	0.9934	0.9723	0.9235	0.9855	0.9684	0.9715
45.9	0.7482	0.9981	0.9946	0.9793	0.9443	0.9928	0.9792	0.9842
46.0	0.7349	0.9986	0.9951	0.9597	0.9423	0.9929	0.9613	0.9825
46.1	0.6429	0.9983	0.9953	0.9270	0.8484	0.9841	0.9273	0.9664
46.2	0.6931	0.9974	0.9929	0.8562	0.7105	0.9768	0.8535	0.9166
46.3	0.7912	0.9981	0.9947	0.9413	0.8994	0.9817	0.9380	0.9422
46.4	0.8876	0.9982	0.9963	0.9588	0.9200	0.9870	0.9581	0.9582
46.5	0.8820	0.9971	0.9962	0.8668	0.8513	0.9889	0.8671	0.9359
46.6	0.8803	0.9976	0.9953	0.8820	0.7523	0.9921	0.8723	0.9659
46.7	0.8684	0.9981	0.9952	0.9402	0.8334	0.9933	0.9374	0.9638
46.8	0.8563	0.9977	0.9952	0.9561	0.8813	0.9922	0.9523	0.9681
46.9	0.8825	0.9977	0.9956	0.9616	0.9214	0.9927	0.9596	0.9768
47.0	0.8561	0.9973	0.9930	0.8595	0.7465	0.9859	0.8661	0.9416
47.1	0.9162	0.9969	0.9934	0.8438	0.8181	0.9905	0.8505	0.9448
47.2	0.9078	0.9967	0.9956	0.9571	0.9415	0.9948	0.9551	0.9830
47.3	0.8954	0.9967	0.9944	0.9610	0.9376	0.9951	0.9636	0.9831
47.4	0.8773	0.9972	0.9954	0.9716	0.9517	0.9939	0.9715	0.9886
47.5	0.8644	0.9979	0.9960	0.9698	0.9419	0.9907	0.9694	0.9761
47.6	0.8846	0.9982	0.9946	0.9462	0.9128	0.9890	0.9506	0.9576
47.7	0.9033	0.9982	0.9937	0.9290	0.8773	0.9921	0.9260	0.9500
47.8	0.8946	0.9973	0.9887	0.7981	0.6618	0.9850	0.7994	0.8174
47.9	0.9215	0.9962	0.9903	0.8665	0.8239	0.9851	0.8615	0.8898
48.0	0.9477	0.9955	0.9930	0.9304	0.7504	0.9876	0.9337	0.9171
48.1	0.9419	0.9967	0.9931	0.9074	0.8414	0.9859	0.9090	0.8869
48.2	0.9381	0.9978	0.9933	0.9262	0.9303	0.9838	0.9259	0.9410
48.3	0.9352	0.9979	0.9943	0.9490	0.9400	0.9901	0.9518	0.9661
48.4	0.9335	0.9983	0.9951	0.9560	0.9492	0.9930	0.9599	0.9727
48.5	0.8951	0.9967	0.9922	0.9485	0.9281	0.9878	0.9520	0.9640
48.6	0.9178	0.9970	0.9940	0.9375	0.9180	0.9870	0.9396	0.9738
48.7	0.9273	0.9972	0.9945	0.9478	0.9344	0.9875	0.9487	0.9652
48.8	0.9275	0.9961	0.9914	0.8957	0.8304	0.9898	0.8996	0.9186
48.9	0.9355	0.9958	0.9915	0.9330	0.7167	0.9897	0.9317	0.8964
49.0	0.9530	0.9963	0.9913	0.9625	0.8838	0.9900	0.9585	0.9401
49.1	0.9637	0.9968	0.9919	0.9553	0.9168	0.9864	0.9571	0.9564
49.2	0.9623	0.9974	0.9928	0.9711	0.9567	0.9862	0.9709	0.9679
49.3	0.9620	0.9970	0.9931	0.9785	0.9530	0.9842	0.9778	0.9745
49.4	0.9576	0.9967	0.9930	0.9661	0.8985	0.9802	0.9658	0.9440
49.5	0.9635	0.9972	0.9945	0.9706	0.9088	0.9837	0.9724	0.9494
49.6	0.9727	0.9977	0.9952	0.9837	0.9624	0.9893	0.9844	0.9788
49.7	0.9713	0.9967	0.9923	0.9800	0.9471	0.9848	0.9804	0.9748
49.8	0.9561	0.9956	0.9927	0.9645	0.8722	0.9762	0.9678	0.9664
49.9	0.9560	0.9962	0.9922	0.9160	0.7370	0.9781	0.9223	0.9219
50.0	0.9614	0.9970	0.9936	0.9634	0.9097	0.9836	0.9642	0.9636
50.1	0.9539	0.9965	0.9924	0.9744	0.9397	0.9804	0.9756	0.9779
50.2	0.9493	0.9965	0.9932	0.9753	0.9117	0.9781	0.9775	0.9781
50.3	0.9501	0.9959	0.9919	0.9380	0.8380	0.9773	0.9415	0.9473
50.4	0.9513	0.9959	0.9893	0.9250	0.9111	0.9723	0.9288	0.9437
50.5	0.9506	0.9956	0.9900	0.9554	0.9556	0.9697	0.9570	0.9675
50.6	0.9402	0.9956	0.9918	0.9626	0.9376	0.9737	0.9648	0.9734
50.7	0.9529	0.9949	0.9921	0.9768	0.9402	0.9794	0.9775	0.9750
50.8	0.9658	0.9945	0.9920	0.9864	0.9729	0.9807	0.9864	0.9824
50.9	0.9700	0.9965	0.9931	0.9826	0.9559	0.9816	0.9837	0.9820

51.0	0.9691	0.9975	0.9935	0.9677	0.9249	0.9740	0.9704	0.9659
51.1	0.9491	0.9958	0.9896	0.9666	0.9224	0.9720	0.9694	0.9670
51.2	0.9619	0.9960	0.9923	0.9807	0.9513	0.9762	0.9813	0.9792
51.3	0.9747	0.9959	0.9915	0.9744	0.9346	0.9717	0.9761	0.9759
51.4	0.9714	0.9959	0.9876	0.9204	0.7879	0.9489	0.9274	0.9277
51.5	0.9645	0.9962	0.9884	0.9381	0.8988	0.9444	0.9419	0.9445
51.6	0.9553	0.9961	0.9890	0.9632	0.9631	0.9428	0.9651	0.9741
51.7	0.9624	0.9953	0.9916	0.9782	0.9746	0.9579	0.9793	0.9821
51.8	0.9696	0.9952	0.9912	0.9807	0.9639	0.9690	0.9820	0.9748
51.9	0.9513	0.9938	0.9838	0.9626	0.9326	0.9305	0.9626	0.9512
52.0	0.9538	0.9953	0.9904	0.9841	0.9796	0.9415	0.9838	0.9846
52.1	0.9559	0.9950	0.9869	0.9786	0.9698	0.9321	0.9784	0.9807
52.2	0.9666	0.9963	0.9889	0.9766	0.9528	0.9332	0.9774	0.9790
52.3	0.9649	0.9954	0.9852	0.9536	0.8587	0.9303	0.9562	0.9425
52.4	0.9541	0.9953	0.9904	0.9772	0.9274	0.9408	0.9779	0.9636
52.5	0.9492	0.9957	0.9913	0.9882	0.9567	0.9544	0.9883	0.9796
52.6	0.9657	0.9967	0.9910	0.9749	0.9134	0.9422	0.9780	0.9797
52.7	0.9599	0.9966	0.9888	0.9388	0.8700	0.8849	0.9448	0.9623
52.8	0.9693	0.9960	0.9871	0.9628	0.9407	0.8528	0.9652	0.9723
52.9	0.9731	0.9962	0.9914	0.9821	0.9630	0.8990	0.9830	0.9834
53.0	0.9673	0.9971	0.9933	0.9879	0.9827	0.9008	0.9886	0.9932
53.1	0.9603	0.9958	0.9886	0.9790	0.9749	0.8870	0.9800	0.9880
53.2	0.9471	0.9954	0.9856	0.9738	0.9161	0.9291	0.9759	0.9817
53.3	0.9232	0.9966	0.9852	0.9500	0.8307	0.8793	0.9581	0.9754
53.4	0.9213	0.9964	0.9889	0.9721	0.9373	0.9071	0.9758	0.9790
53.5	0.9327	0.9957	0.9850	0.9626	0.9133	0.8944	0.9656	0.9689
53.6	0.9546	0.9968	0.9855	0.9300	0.8495	0.8906	0.9378	0.9454
53.7	0.9601	0.9968	0.9875	0.9550	0.9195	0.8794	0.9618	0.9731
53.8	0.9607	0.9960	0.9862	0.9606	0.9428	0.8867	0.9659	0.9752
53.9	0.9560	0.9961	0.9895	0.9803	0.9777	0.8697	0.9825	0.9890
54.0	0.9670	0.9968	0.9908	0.9827	0.9793	0.8225	0.9844	0.9892
54.1	0.9570	0.9961	0.9876	0.9703	0.9301	0.6958	0.9731	0.9684
54.2	0.9384	0.9951	0.9834	0.9622	0.9276	0.7221	0.9649	0.9583
54.3	0.9410	0.9961	0.9897	0.9828	0.9767	0.7124	0.9842	0.9857
54.4	0.9240	0.9971	0.9880	0.9802	0.9786	0.3153	0.9818	0.9881
54.5	0.9194	0.9974	0.9908	0.9823	0.9762	0.0351	0.9844	0.9915
54.6	0.8657	0.9960	0.9777	0.9444	0.8809	0.3921	0.9516	0.9688
54.7	0.8615	0.9956	0.9826	0.9388	0.8984	0.6440	0.9486	0.9693
54.8	0.7694	0.9943	0.9819	0.9560	0.9248	0.6483	0.9622	0.9745
54.9	0.8461	0.9972	0.9897	0.9818	0.9694	0.6654	0.9834	0.9876
55.0	0.7638	0.9962	0.9898	0.9870	0.9758	0.6553	0.9876	0.9895
55.1	0.4911	0.9954	0.9881	0.9835	0.9829	0.6185	0.9843	0.9878
55.2	0.4789	0.9958	0.9856	0.9811	0.9767	0.6545	0.9830	0.9876
55.3	0.4571	0.9947	0.9866	0.9844	0.9715	0.4851	0.9863	0.9901
55.4	0.4742	0.9954	0.9851	0.9674	0.9168	0.2703	0.9725	0.9860
55.5	0.5015	0.9960	0.9822	0.9495	0.8969	0.5129	0.9556	0.9728
55.6	0.6203	0.9958	0.9845	0.9760	0.9618	0.7929	0.9783	0.9839
55.7	0.5742	0.9950	0.9851	0.9834	0.9754	0.8178	0.9850	0.9881
55.8	0.7078	0.9955	0.9854	0.9837	0.9739	0.6742	0.9854	0.9904
55.9	0.7412	0.9956	0.9850	0.9743	0.9472	0.3125	0.9781	0.9883
56.0	0.7115	0.9949	0.9637	0.8800	0.8106	0.3906	0.8967	0.9528
56.1	0.7369	0.9947	0.9709	0.9293	0.8955	0.7244	0.9369	0.9641
56.2	0.7965	0.9950	0.9858	0.9758	0.9613	0.8451	0.9782	0.9847
56.3	0.8256	0.9951	0.9864	0.9813	0.9739	0.8338	0.9835	0.9913
56.4	0.8950	0.9969	0.9890	0.9851	0.9767	0.8566	0.9870	0.9936
56.5	0.8873	0.9968	0.9900	0.9862	0.9823	0.8861	0.9880	0.9942
56.6	0.8752	0.9961	0.9906	0.9870	0.9798	0.8748	0.9887	0.9930
56.7	0.8705	0.9951	0.9904	0.9858	0.9803	0.8701	0.9873	0.9919
56.8	0.8746	0.9946	0.9897	0.9861	0.9749	0.8824	0.9873	0.9906
56.9	0.8905	0.9959	0.9864	0.9793	0.9667	0.8460	0.9819	0.9916
57.0	0.8965	0.9952	0.9811	0.9681	0.9244	0.7899	0.9721	0.9873
57.1	0.9131	0.9937	0.9607	0.9034	0.7424	0.7796	0.9166	0.9617
57.2	0.9099	0.9951	0.9652	0.9154	0.8219	0.8170	0.9242	0.9604
57.3	0.9374	0.9952	0.9849	0.9794	0.9708	0.9430	0.9812	0.9892
57.4	0.9394	0.9952	0.9852	0.9843	0.9694	0.9472	0.9855	0.9897
57.5	0.9424	0.9956	0.9849	0.9827	0.9688	0.9446	0.9850	0.9923
57.6	0.9530	0.9955	0.9838	0.9794	0.9726	0.9481	0.9819	0.9923
57.7	0.9511	0.9956	0.9882	0.9835	0.9769	0.9552	0.9856	0.9936
57.8	0.9516	0.9954	0.9909	0.9872	0.9796	0.9617	0.9887	0.9942
57.9	0.9397	0.9955	0.9828	0.9782	0.9691	0.9401	0.9809	0.9921
58.0	0.9199	0.9949	0.9769	0.9729	0.9537	0.9190	0.9761	0.9904
58.1	0.9159	0.9953	0.9800	0.9734	0.9439	0.9190	0.9769	0.9900
58.2	0.9262	0.9954	0.9853	0.9801	0.9498	0.9341	0.9826	0.9908
58.3	0.9271	0.9924	0.9782	0.9741	0.9411	0.9216	0.9772	0.9872
58.4	0.9498	0.9936	0.9781	0.9717	0.9155	0.9107	0.9751	0.9852
58.5	0.9690	0.9945	0.9802	0.9732	0.9318	0.9349	0.9759	0.9833
58.6	0.9656	0.9949	0.9849	0.9818	0.9542	0.9566	0.9835	0.9876
58.7	0.9655	0.9953	0.9836	0.9807	0.9464	0.9513	0.9835	0.9911
58.8	0.9477	0.9940	0.9716	0.9640	0.9116	0.9148	0.9682	0.9884
58.9	0.9484	0.9949	0.9722	0.9664	0.9163	0.9224	0.9700	0.9873
59.0	0.9170	0.9943	0.9750	0.9667	0.9281	0.9307	0.9702	0.9847
59.1	0.9356	0.9957	0.9812	0.9730	0.9339	0.9444	0.9756	0.9875
59.2	0.9684	0.9945	0.9789	0.9757	0.9353	0.9619	0.9783	0.9906
59.3	0.9605	0.9910	0.9692	0.9674	0.9183	0.9504	0.9706	0.9861
59.4	0.9635	0.9927	0.9734	0.9719	0.9156	0.9536	0.9747	0.9867
59.5	0.9633	0.9947	0.9777	0.9773	0.9316	0.9637	0.9799	0.9925

59.6	0.9642	0.9952	0.9817	0.9786	0.9383	0.9656	0.9811	0.9916
59.7	0.9655	0.9954	0.9832	0.9792	0.9451	0.9689	0.9812	0.9919
59.8	0.9680	0.9947	0.9796	0.9777	0.9347	0.9667	0.9799	0.9913
59.9	0.9733	0.9942	0.9793	0.9785	0.9391	0.9709	0.9806	0.9903
60.0	0.9638	0.9936	0.9791	0.9766	0.9329	0.9680	0.9789	0.9893
60.1	0.9629	0.9914	0.9791	0.9772	0.9249	0.9683	0.9789	0.9853
60.2	0.9656	0.9922	0.9824	0.9816	0.9399	0.9727	0.9829	0.9873
60.3	0.9729	0.9932	0.9850	0.9841	0.9423	0.9759	0.9850	0.9879
60.4	0.9722	0.9924	0.9838	0.9829	0.9427	0.9783	0.9838	0.9880
60.5	0.9695	0.9930	0.9834	0.9819	0.9436	0.9769	0.9828	0.9885
60.6	0.9729	0.9942	0.9876	0.9867	0.9431	0.9830	0.9875	0.9910
60.7	0.9634	0.9917	0.9832	0.9817	0.9349	0.9792	0.9825	0.9883
60.8	0.9561	0.9899	0.9814	0.9796	0.9371	0.9795	0.9805	0.9853
60.9	0.9708	0.9925	0.9869	0.9872	0.9478	0.9858	0.9879	0.9900
61.0	0.9679	0.9930	0.9863	0.9856	0.9403	0.9825	0.9866	0.9905
61.1	0.9733	0.9932	0.9852	0.9869	0.9489	0.9847	0.9874	0.9887
61.2	0.9689	0.9916	0.9821	0.9820	0.9493	0.9810	0.9827	0.9867
61.3	0.9643	0.9907	0.9837	0.9842	0.9436	0.9821	0.9848	0.9878
61.4	0.9640	0.9923	0.9845	0.9867	0.9390	0.9844	0.9874	0.9887
61.5	0.9608	0.9870	0.9805	0.9819	0.9500	0.9811	0.9823	0.9817
61.6	0.9698	0.9888	0.9837	0.9848	0.9536	0.9844	0.9851	0.9853
61.7	0.9647	0.9893	0.9809	0.9797	0.9275	0.9797	0.9804	0.9847
61.8	0.9671	0.9903	0.9820	0.9818	0.9348	0.9824	0.9824	0.9872
61.9	0.9636	0.9900	0.9812	0.9824	0.9514	0.9813	0.9829	0.9861
62.0	0.9717	0.9897	0.9851	0.9854	0.9589	0.9844	0.9857	0.9859
62.1	0.9721	0.9870	0.9850	0.9854	0.9473	0.9854	0.9854	0.9832
62.2	0.9663	0.9834	0.9824	0.9826	0.9316	0.9817	0.9827	0.9775
62.3	0.9588	0.9846	0.9791	0.9798	0.9225	0.9784	0.9801	0.9778
62.4	0.9593	0.9878	0.9826	0.9837	0.9148	0.9828	0.9840	0.9834
62.5	0.9591	0.9871	0.9840	0.9835	0.9389	0.9833	0.9836	0.9833
62.6	0.9652	0.9861	0.9854	0.9831	0.9426	0.9840	0.9832	0.9810
62.7	0.9600	0.9840	0.9808	0.9785	0.9330	0.9782	0.9786	0.9768
62.8	0.9570	0.9875	0.9814	0.9830	0.9355	0.9820	0.9830	0.9812
62.9	0.9491	0.9886	0.9809	0.9824	0.9312	0.9819	0.9828	0.9833
63.0	0.9516	0.9875	0.9796	0.9813	0.9004	0.9812	0.9815	0.9806
63.1	0.9554	0.9856	0.9809	0.9809	0.9207	0.9812	0.9809	0.9802
63.2	0.9603	0.9876	0.9827	0.9811	0.9460	0.9824	0.9813	0.9827
63.3	0.9627	0.9853	0.9832	0.9826	0.9429	0.9836	0.9826	0.9807
63.4	0.9530	0.9807	0.9786	0.9780	0.9382	0.9792	0.9780	0.9744
63.5	0.9507	0.9827	0.9767	0.9774	0.9455	0.9775	0.9774	0.9758
63.6	0.9473	0.9828	0.9800	0.9793	0.9517	0.9793	0.9792	0.9779
63.7	0.9531	0.9865	0.9839	0.9831	0.9610	0.9833	0.9831	0.9834
63.8	0.9473	0.9869	0.9837	0.9821	0.9604	0.9826	0.9822	0.9844
63.9	0.9441	0.9840	0.9816	0.9787	0.9559	0.9789	0.9791	0.9796
64.0	0.9497	0.9830	0.9770	0.9793	0.9543	0.9793	0.9794	0.9785
64.1	0.9320	0.9833	0.9723	0.9756	0.9473	0.9762	0.9760	0.9784
64.2	0.9438	0.9856	0.9817	0.9815	0.9583	0.9806	0.9817	0.9794
64.3	0.9608	0.9873	0.9841	0.9836	0.9692	0.9836	0.9836	0.9815
64.4	0.9421	0.9839	0.9816	0.9772	0.9632	0.9781	0.9777	0.9774
64.5	0.9509	0.9818	0.9775	0.9768	0.9549	0.9788	0.9773	0.9744
64.6	0.9271	0.9845	0.9700	0.9776	0.9606	0.9796	0.9783	0.9765
64.7	0.9425	0.9853	0.9773	0.9833	0.9613	0.9834	0.9836	0.9807
64.8	0.9012	0.9857	0.9758	0.9761	0.9663	0.9770	0.9769	0.9804
64.9	0.9017	0.9861	0.9797	0.9743	0.9674	0.9781	0.9753	0.9817
65.0	0.8664	0.9877	0.9720	0.9763	0.9629	0.9814	0.9773	0.9828
65.1	0.7990	0.9884	0.9677	0.9756	0.9563	0.9800	0.9773	0.9821
65.2	0.7997	0.9868	0.9640	0.9711	0.9670	0.9793	0.9726	0.9801
65.3	0.7896	0.9848	0.9638	0.9701	0.9652	0.9774	0.9716	0.9797
65.4	0.7423	0.9847	0.9642	0.9782	0.9656	0.9810	0.9794	0.9797
65.5	0.6987	0.9854	0.9643	0.9783	0.9755	0.9818	0.9799	0.9774
65.6	0.6661	0.9890	0.9630	0.9807	0.9773	0.9854	0.9825	0.9843
65.7	0.5145	0.9856	0.9562	0.9767	0.9730	0.9830	0.9790	0.9804
65.8	0.5420	0.9889	0.9558	0.9763	0.9776	0.9811	0.9790	0.9819
65.9	0.4689	0.9873	0.9425	0.9744	0.9730	0.9727	0.9773	0.9782
66.0	0.6268	0.9835	0.9520	0.9739	0.9757	0.9697	0.9767	0.9702
66.1	0.7169	0.9849	0.9525	0.9695	0.9751	0.9675	0.9730	0.9731
66.2	0.7114	0.9843	0.9557	0.9764	0.9724	0.9723	0.9787	0.9736
66.3	0.8135	0.9905	0.9585	0.9812	0.9822	0.9801	0.9837	0.9830
66.4	0.8380	0.9898	0.9656	0.9746	0.9845	0.9730	0.9778	0.9791
66.5	0.8268	0.9860	0.9715	0.9690	0.9751	0.9648	0.9725	0.9738
66.6	0.8524	0.9867	0.9634	0.9616	0.9760	0.9518	0.9663	0.9719
66.7	0.9007	0.9896	0.9582	0.9576	0.9832	0.9325	0.9630	0.9689
66.8	0.8895	0.9904	0.9663	0.9665	0.9799	0.9474	0.9707	0.9744
66.9	0.8975	0.9880	0.9697	0.9614	0.9802	0.9268	0.9655	0.9652
67.0	0.9062	0.9869	0.9729	0.9678	0.9817	0.9315	0.9714	0.9669
67.1	0.9357	0.9879	0.9790	0.9724	0.9818	0.9306	0.9751	0.9666
67.2	0.9554	0.9907	0.9832	0.9772	0.9887	0.9354	0.9792	0.9723
67.3	0.9411	0.9862	0.9763	0.9698	0.9790	0.9273	0.9721	0.9681
67.4	0.9502	0.9888	0.9776	0.9752	0.9805	0.9365	0.9771	0.9648
67.5	0.9551	0.9898	0.9835	0.9791	0.9859	0.9452	0.9810	0.9624
67.6	0.9520	0.9891	0.9752	0.9713	0.9825	0.9484	0.9738	0.9550
67.7	0.9552	0.9886	0.9765	0.9713	0.9843	0.9634	0.9738	0.9611
67.8	0.9705	0.9908	0.9828	0.9756	0.9852	0.9674	0.9771	0.9665
67.9	0.9715	0.9921	0.9822	0.9734	0.9850	0.9641	0.9743	0.9691
68.0	0.9687	0.9917	0.9844	0.9721	0.9827	0.9694	0.9734	0.9734
68.1	0.9680	0.9907	0.9830	0.9717	0.9819	0.9698	0.9739	0.9727

68.2	0.9709	0.9917	0.9819	0.9762	0.9819	0.9685	0.9779	0.9740
68.3	0.9731	0.9906	0.9817	0.9750	0.9813	0.9730	0.9764	0.9733
68.4	0.9740	0.9898	0.9787	0.9755	0.9819	0.9742	0.9771	0.9667
68.5	0.9745	0.9899	0.9808	0.9715	0.9789	0.9699	0.9738	0.9672
68.6	0.9760	0.9876	0.9820	0.9663	0.9813	0.9680	0.9693	0.9654
68.7	0.9759	0.9886	0.9781	0.9632	0.9765	0.9664	0.9663	0.9638
68.8	0.9689	0.9887	0.9740	0.9637	0.9724	0.9641	0.9672	0.9606
68.9	0.9729	0.9889	0.9751	0.9630	0.9744	0.9646	0.9656	0.9601
69.0	0.9812	0.9913	0.9799	0.9735	0.9800	0.9767	0.9743	0.9734
69.1	0.9793	0.9904	0.9777	0.9735	0.9804	0.9805	0.9748	0.9753
69.2	0.9773	0.9881	0.9741	0.9724	0.9761	0.9793	0.9741	0.9744
69.3	0.9696	0.9900	0.9688	0.9597	0.9668	0.9742	0.9625	0.9707
69.4	0.9691	0.9853	0.9678	0.9465	0.9535	0.9684	0.9479	0.9673
69.5	0.9789	0.9850	0.9697	0.9438	0.9502	0.9636	0.9425	0.9647
69.6	0.9787	0.9877	0.9714	0.9346	0.9527	0.9743	0.9333	0.9726
69.7	0.9731	0.9894	0.9700	0.9410	0.9451	0.9779	0.9403	0.9736
69.8	0.9752	0.9877	0.9713	0.9191	0.9301	0.9690	0.9142	0.9658
69.9	0.9762	0.9869	0.9659	0.9166	0.9175	0.9701	0.9145	0.9670
70.0	0.9728	0.9898	0.9646	0.9304	0.9216	0.9711	0.9272	0.9685
70.1	0.9828	0.9926	0.9735	0.9098	0.9344	0.9785	0.8996	0.9785
70.2	0.9797	0.9914	0.9714	0.8777	0.9200	0.9735	0.8582	0.9749
70.3	0.9805	0.9916	0.9707	0.8702	0.9276	0.9723	0.8458	0.9740
70.4	0.9780	0.9881	0.9716	0.8478	0.8939	0.9715	0.8169	0.9686
70.5	0.9713	0.9886	0.9637	0.7549	0.8329	0.9696	0.7268	0.9665
70.6	0.9767	0.9890	0.9672	0.6632	0.8480	0.9690	0.6063	0.9681
70.7	0.9778	0.9899	0.9664	0.4977	0.8076	0.9704	0.3914	0.9704
70.8	0.9711	0.9867	0.9537	0.2151	0.6733	0.9697	0.2798	0.9674
70.9	0.9753	0.9890	0.9623	0.1130	0.6133	0.9696	0.3590	0.9656
71.0	0.9800	0.9869	0.9687	0.2149	0.6027	0.9764	0.6492	0.9687
71.1	0.9794	0.9894	0.9663	0.4213	0.4193	0.9725	0.7125	0.9667
71.2	0.9756	0.9895	0.9547	0.5905	0.1857	0.9718	0.7868	0.9623
71.3	0.9803	0.9872	0.9718	0.6708	0.3222	0.9756	0.8381	0.9651
71.4	0.9754	0.9811	0.9556	0.6192	0.1022	0.9687	0.7815	0.9558
71.5	0.9743	0.9878	0.9526	0.7297	0.0134	0.9740	0.8340	0.9692
71.6	0.9785	0.9880	0.9680	0.8279	0.1381	0.9749	0.8948	0.9675
71.7	0.9792	0.9870	0.9583	0.8076	0.2144	0.9770	0.8799	0.9649
71.8	0.9709	0.9852	0.9531	0.7937	0.3798	0.9718	0.8717	0.9654
71.9	0.9698	0.9834	0.9512	0.8161	0.4206	0.9662	0.8779	0.9616
72.0	0.9638	0.9849	0.9226	0.7455	0.3291	0.9590	0.8278	0.9487
72.1	0.9746	0.9890	0.9428	0.8399	0.6498	0.9755	0.9041	0.9664
72.2	0.9825	0.9895	0.9579	0.8625	0.7059	0.9800	0.9168	0.9745
72.3	0.9742	0.9839	0.9344	0.7740	0.6097	0.9721	0.8596	0.9639
72.4	0.9753	0.9836	0.9387	0.8179	0.6871	0.9722	0.8869	0.9624
72.5	0.9795	0.9888	0.9437	0.8366	0.7235	0.9814	0.9056	0.9721
72.6	0.9723	0.9864	0.9226	0.8362	0.7243	0.9702	0.9009	0.9598
72.7	0.9632	0.9802	0.8996	0.8020	0.6313	0.9592	0.8734	0.9383
72.8	0.9620	0.9819	0.8911	0.8159	0.6420	0.9598	0.8770	0.9423
72.9	0.9675	0.9863	0.8944	0.8022	0.7203	0.9651	0.8833	0.9545
73.0	0.9710	0.9870	0.9236	0.7854	0.8033	0.9664	0.8776	0.9612
73.1	0.9684	0.9845	0.9125	0.7704	0.8031	0.9652	0.8702	0.9589
73.2	0.9555	0.9835	0.8584	0.7728	0.7399	0.9580	0.8666	0.9488
73.3	0.9660	0.9870	0.8931	0.8415	0.8155	0.9634	0.9021	0.9541
73.4	0.9707	0.9878	0.9240	0.8631	0.8542	0.9679	0.9145	0.9630
73.5	0.9698	0.9882	0.9226	0.8142	0.8850	0.9619	0.8875	0.9674
73.6	0.9741	0.9902	0.9339	0.8537	0.9089	0.9677	0.9138	0.9715
73.7	0.9594	0.9880	0.8922	0.7867	0.8829	0.9540	0.8703	0.9599
73.8	0.9500	0.9843	0.8624	0.7985	0.8348	0.9465	0.8745	0.9421
73.9	0.9494	0.9810	0.8712	0.8274	0.8332	0.9354	0.8927	0.9331
74.0	0.9537	0.9865	0.8806	0.8177	0.8743	0.9489	0.8948	0.9508
74.1	0.9598	0.9898	0.8854	0.7778	0.8850	0.9563	0.8811	0.9606
74.2	0.9684	0.9889	0.9003	0.7802	0.9056	0.9579	0.8841	0.9622
74.3	0.9605	0.9868	0.8694	0.7519	0.8918	0.9528	0.8742	0.9591
74.4	0.9625	0.9894	0.8679	0.7484	0.9005	0.9535	0.8773	0.9589
74.5	0.9564	0.9865	0.8582	0.6764	0.8894	0.9466	0.8459	0.9505
74.6	0.9655	0.9903	0.8999	0.7124	0.9292	0.9597	0.8714	0.9675
74.7	0.9649	0.9890	0.8954	0.6322	0.9296	0.9518	0.8403	0.9654
74.8	0.9529	0.9912	0.8767	0.6021	0.9280	0.9534	0.8260	0.9671
74.9	0.9471	0.9892	0.8168	0.5138	0.8969	0.9431	0.8039	0.9555
75.0	0.9626	0.9916	0.8546	0.5169	0.9296	0.9478	0.8014	0.9644
75.1	0.9519	0.9915	0.8220	0.3742	0.9270	0.9343	0.7208	0.9583
75.2	0.9437	0.9887	0.8010	0.1857	0.9095	0.9242	0.6680	0.9494
75.3	0.9329	0.9865	0.8087	0.2101	0.9131	0.9189	0.6926	0.9475
75.4	0.9324	0.9878	0.8197	0.1245	0.9188	0.9209	0.6424	0.9529
75.5	0.9171	0.9883	0.8067	0.1879	0.9125	0.8851	0.6154	0.9405
75.6	0.9444	0.9911	0.8548	0.4400	0.9366	0.9247	0.7513	0.9533
75.7	0.9389	0.9892	0.8340	0.4493	0.9326	0.9126	0.7222	0.9535
75.8	0.9565	0.9909	0.8419	0.5714	0.9328	0.9458	0.8196	0.9568
75.9	0.9329	0.9887	0.8522	0.5446	0.9253	0.9161	0.7780	0.9450
76.0	0.9055	0.9882	0.8225	0.5139	0.9290	0.9008	0.7280	0.9440
76.1	0.9248	0.9899	0.8552	0.6241	0.9436	0.9254	0.8090	0.9538
76.2	0.9119	0.9914	0.8508	0.7008	0.9477	0.9289	0.8327	0.9570
76.3	0.9003	0.9915	0.8806	0.7590	0.9548	0.9353	0.8499	0.9612
76.4	0.9069	0.9885	0.8423	0.7497	0.9364	0.9184	0.8468	0.9432
76.5	0.8922	0.9887	0.8385	0.7646	0.9401	0.9249	0.8526	0.9414
76.6	0.9245	0.9896	0.8205	0.8319	0.9346	0.9369	0.8942	0.9391
76.7	0.9250	0.9886	0.8358	0.8618	0.9325	0.9463	0.9099	0.9435

76.8	0.9117	0.9898	0.8643	0.8527	0.9495	0.9512	0.9030	0.9554
76.9	0.9104	0.9888	0.8733	0.8521	0.9494	0.9472	0.9048	0.9537
77.0	0.9161	0.9904	0.8835	0.8633	0.9575	0.9453	0.9053	0.9600
77.1	0.9285	0.9897	0.8831	0.8897	0.9534	0.9464	0.9197	0.9575
77.2	0.9336	0.9890	0.9056	0.9257	0.9557	0.9495	0.9431	0.9561
77.3	0.9542	0.9900	0.8973	0.9401	0.9537	0.9586	0.9541	0.9538
77.4	0.9401	0.9898	0.8835	0.9285	0.9584	0.9640	0.9472	0.9593
77.5	0.9099	0.9887	0.8506	0.8889	0.9443	0.9461	0.9172	0.9502
77.6	0.9286	0.9887	0.8596	0.9201	0.9426	0.9509	0.9385	0.9467
77.7	0.9521	0.9890	0.8691	0.9349	0.9459	0.9581	0.9522	0.9470
77.8	0.9526	0.9893	0.8932	0.9374	0.9496	0.9621	0.9560	0.9515
77.9	0.9515	0.9860	0.8657	0.9373	0.9445	0.9515	0.9543	0.9445
78.0	0.9368	0.9822	0.8427	0.9188	0.9333	0.9324	0.9354	0.9286
78.1	0.9534	0.9846	0.8528	0.9257	0.9400	0.9434	0.9415	0.9392
78.2	0.9596	0.9866	0.8737	0.9310	0.9601	0.9654	0.9507	0.9615
78.3	0.9566	0.9833	0.8497	0.9347	0.9426	0.9573	0.9507	0.9427
78.4	0.9641	0.9844	0.8598	0.9406	0.9424	0.9581	0.9545	0.9393
78.5	0.9512	0.9821	0.8509	0.9302	0.9321	0.9457	0.9465	0.9252
78.6	0.9490	0.9847	0.8512	0.9283	0.9411	0.9554	0.9516	0.9387
78.7	0.9592	0.9860	0.8481	0.9410	0.9501	0.9631	0.9606	0.9425
78.8	0.9755	0.9855	0.8698	0.9527	0.9555	0.9642	0.9647	0.9436
78.9	0.9727	0.9828	0.8433	0.9539	0.9481	0.9634	0.9650	0.9353
79.0	0.9583	0.9831	0.8382	0.9505	0.9290	0.9549	0.9616	0.9096
79.1	0.9540	0.9835	0.8421	0.9524	0.9212	0.9458	0.9586	0.8834
79.2	0.9683	0.9868	0.8736	0.9592	0.9512	0.9648	0.9633	0.9191
79.3	0.9575	0.9837	0.8687	0.9482	0.9525	0.9618	0.9532	0.9189
79.4	0.9532	0.9765	0.8303	0.9302	0.9337	0.9405	0.9340	0.8802
79.5	0.9541	0.9812	0.8438	0.9377	0.9307	0.9448	0.9401	0.8789
79.6	0.9621	0.9855	0.8747	0.9497	0.9523	0.9559	0.9523	0.9298
79.7	0.9573	0.9820	0.8083	0.9390	0.9396	0.9485	0.9398	0.9125
79.8	0.9573	0.9814	0.7167	0.9439	0.9210	0.9454	0.9456	0.8993
79.9	0.9639	0.9803	0.6950	0.9488	0.9150	0.9443	0.9488	0.8967
80.0	0.9640	0.9858	0.6843	0.9605	0.9362	0.9622	0.9621	0.9206

2.2.39 Run 4 – IP050 – Accels 17–24

In-plane shaking at 50°. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0198	0.0063	0.8736	0.5122	0.4934	0.1528	0.6683	0.8473
0.1	0.0178	0.0022	0.6131	0.1764	0.0517	0.0971	0.3511	0.5907
0.2	0.0459	0.0755	0.0259	0.0457	0.0303	0.0725	0.0036	0.0012
0.3	0.0318	0.0488	0.0066	0.0316	0.0547	0.0369	0.0110	0.0033
0.4	0.0113	0.0223	0.0010	0.0360	0.0084	0.0042	0.0371	0.0059
0.5	0.0273	0.0107	0.0044	0.0201	0.0041	0.0287	0.0087	0.0079
0.6	0.0057	0.1005	0.0034	0.0354	0.0084	0.0579	0.0149	0.0625
0.7	0.1013	0.5075	0.0938	0.0652	0.0044	0.0091	0.0013	0.4853
0.8	0.3978	0.8240	0.4759	0.1765	0.0219	0.0426	0.2015	0.8775
0.9	0.7052	0.9100	0.4716	0.4472	0.0055	0.0014	0.5673	0.9087
1.0	0.8244	0.8752	0.4535	0.6508	0.0253	0.0285	0.7644	0.9326
1.1	0.6287	0.7096	0.1416	0.5318	0.0351	0.0299	0.6863	0.8632
1.2	0.7424	0.8638	0.3746	0.8019	0.0388	0.0641	0.8270	0.9327
1.3	0.7740	0.9230	0.6702	0.8605	0.0459	0.1383	0.8257	0.9001
1.4	0.7249	0.9063	0.7468	0.8095	0.0799	0.2804	0.4328	0.7710
1.5	0.6387	0.9102	0.8128	0.7707	0.1392	0.5507	0.5177	0.7298
1.6	0.7114	0.9207	0.8364	0.8631	0.4416	0.7309	0.8956	0.8270
1.7	0.8651	0.8954	0.8240	0.9523	0.6658	0.8693	0.9749	0.8766
1.8	0.8625	0.8845	0.8175	0.9636	0.5777	0.8997	0.9802	0.8800
1.9	0.8319	0.8300	0.7850	0.9308	0.3795	0.8925	0.9732	0.8432
2.0	0.8692	0.8589	0.8522	0.9033	0.5546	0.9021	0.9597	0.8732
2.1	0.8830	0.8936	0.9056	0.8832	0.6344	0.9126	0.9065	0.9086
2.2	0.8345	0.9180	0.8761	0.8285	0.6601	0.8640	0.8379	0.9330
2.3	0.3977	0.8647	0.4779	0.3870	0.2454	0.4455	0.3884	0.8733
2.4	0.6109	0.8728	0.4667	0.6312	0.0424	0.5363	0.6402	0.9209
2.5	0.9176	0.9429	0.8299	0.9252	0.2253	0.8631	0.9280	0.9677
2.6	0.9809	0.9765	0.9331	0.9834	0.3192	0.9428	0.9839	0.9875
2.7	0.9880	0.9850	0.9380	0.9898	0.3693	0.9289	0.9903	0.9919
2.8	0.9860	0.9801	0.8825	0.9884	0.2814	0.8407	0.9890	0.9886
2.9	0.9952	0.9868	0.9191	0.9959	0.5118	0.7703	0.9957	0.9929
3.0	0.9952	0.9908	0.8767	0.9964	0.6164	0.3722	0.9970	0.9957
3.1	0.9960	0.9926	0.8549	0.9972	0.4473	0.1431	0.9976	0.9966
3.2	0.9971	0.9939	0.8062	0.9980	0.4945	0.6530	0.9982	0.9970
3.3	0.9976	0.9941	0.7300	0.9984	0.7242	0.8866	0.9985	0.9971
3.4	0.9977	0.9943	0.5762	0.9983	0.6026	0.9349	0.9984	0.9973
3.5	0.9987	0.9962	0.5735	0.9993	0.6836	0.9734	0.9993	0.9983
3.6	0.9987	0.9950	0.2973	0.9993	0.6713	0.9794	0.9992	0.9978
3.7	0.9987	0.9957	0.2416	0.9994	0.7331	0.9874	0.9996	0.9982
3.8	0.9985	0.9956	0.2275	0.9993	0.7288	0.9879	0.9995	0.9981
3.9	0.9985	0.9964	0.4104	0.9992	0.6956	0.9897	0.9995	0.9985
4.0	0.9989	0.9969	0.6615	0.9994	0.7237	0.9911	0.9995	0.9987
4.1	0.9988	0.9975	0.7778	0.9993	0.6886	0.9914	0.9993	0.9989
4.2	0.9985	0.9976	0.8233	0.9992	0.5577	0.9894	0.9993	0.9991
4.3	0.9987	0.9976	0.8844	0.9992	0.3627	0.9921	0.9992	0.9990
4.4	0.9990	0.9988	0.9164	0.9993	0.4372	0.9939	0.9992	0.9994
4.5	0.9992	0.9993	0.9423	0.9994	0.6248	0.9947	0.9994	0.9997
4.6	0.9989	0.9991	0.9323	0.9991	0.7293	0.9944	0.9992	0.9996
4.7	0.9985	0.9992	0.9092	0.9985	0.6467	0.9941	0.9987	0.9996
4.8	0.9987	0.9993	0.9247	0.9986	0.5759	0.9952	0.9986	0.9997
4.9	0.9985	0.9988	0.8803	0.9985	0.7002	0.9952	0.9983	0.9994
5.0	0.9980	0.9990	0.8999	0.9980	0.4263	0.9947	0.9978	0.9995
5.1	0.9977	0.9991	0.9117	0.9978	0.4337	0.9952	0.9976	0.9994
5.2	0.9962	0.9990	0.9219	0.9965	0.2197	0.9940	0.9965	0.9992
5.3	0.9969	0.9991	0.9515	0.9970	0.3068	0.9968	0.9971	0.9992
5.4	0.9974	0.9991	0.9625	0.9973	0.5386	0.9973	0.9974	0.9992
5.5	0.9972	0.9988	0.9603	0.9973	0.3323	0.9972	0.9974	0.9989
5.6	0.9959	0.9978	0.9459	0.9957	0.4006	0.9959	0.9957	0.9978
5.7	0.9953	0.9973	0.9477	0.9943	0.3895	0.9938	0.9944	0.9973
5.8	0.9958	0.9982	0.9693	0.9948	0.4565	0.9955	0.9949	0.9982
5.9	0.9941	0.9980	0.9690	0.9925	0.1889	0.9963	0.9929	0.9979
6.0	0.9940	0.9977	0.9614	0.9921	0.2162	0.9959	0.9924	0.9974
6.1	0.9954	0.9984	0.9731	0.9941	0.3729	0.9965	0.9942	0.9983
6.2	0.9953	0.9986	0.9771	0.9939	0.4914	0.9964	0.9936	0.9983
6.3	0.9952	0.9980	0.9648	0.9933	0.3477	0.9953	0.9932	0.9979
6.4	0.9946	0.9986	0.9650	0.9926	0.4314	0.9947	0.9926	0.9986
6.5	0.9952	0.9982	0.9703	0.9934	0.5631	0.9942	0.9933	0.9984
6.6	0.9921	0.9983	0.9737	0.9896	0.3539	0.9937	0.9894	0.9981
6.7	0.9933	0.9985	0.9716	0.9929	0.4343	0.9934	0.9925	0.9983
6.8	0.9932	0.9983	0.9651	0.9945	0.4801	0.9927	0.9945	0.9984
6.9	0.9867	0.9980	0.9627	0.9906	0.5404	0.9940	0.9912	0.9982
7.0	0.9748	0.9958	0.9402	0.9854	0.4075	0.9928	0.9874	0.9978
7.1	0.9180	0.9888	0.8838	0.9481	0.1734	0.9901	0.9574	0.9975
7.2	0.9069	0.9922	0.9020	0.9429	0.1937	0.9894	0.9562	0.9984
7.3	0.9538	0.9978	0.9719	0.9637	0.3688	0.9894	0.9724	0.9988
7.4	0.8591	0.9978	0.9244	0.9131	0.4271	0.9941	0.9381	0.9976
7.5	0.7547	0.9987	0.9330	0.9156	0.3580	0.9943	0.9447	0.9978
7.6	0.9009	0.9990	0.9506	0.9715	0.2110	0.9916	0.9792	0.9981
7.7	0.9580	0.9989	0.9220	0.9804	0.2017	0.9893	0.9844	0.9979
7.8	0.9827	0.9991	0.9686	0.9876	0.4109	0.9936	0.9891	0.9981
7.9	0.9856	0.9992	0.9796	0.9883	0.4102	0.9960	0.9899	0.9982

8.0	0.9862	0.9986	0.9690	0.9898	0.4182	0.9941	0.9911	0.9975
8.1	0.9904	0.9990	0.9748	0.9911	0.3519	0.9957	0.9928	0.9975
8.2	0.9885	0.9988	0.9665	0.9907	0.4138	0.9932	0.9923	0.9968
8.3	0.9883	0.9987	0.9667	0.9910	0.2313	0.9944	0.9922	0.9967
8.4	0.9900	0.9979	0.9683	0.9921	0.2995	0.9915	0.9927	0.9953
8.5	0.9875	0.9973	0.9618	0.9912	0.3283	0.9886	0.9928	0.9943
8.6	0.9922	0.9972	0.9734	0.9936	0.1911	0.9914	0.9949	0.9939
8.7	0.9943	0.9981	0.9795	0.9954	0.2094	0.9931	0.9960	0.9962
8.8	0.9903	0.9966	0.9678	0.9946	0.3238	0.9854	0.9954	0.9937
8.9	0.9866	0.9963	0.9728	0.9922	0.3588	0.9830	0.9933	0.9929
9.0	0.9720	0.9930	0.9473	0.9858	0.4263	0.9633	0.9883	0.9859
9.1	0.9763	0.9924	0.9619	0.9864	0.3436	0.9720	0.9888	0.9806
9.2	0.9232	0.9803	0.8974	0.9517	0.1710	0.9142	0.9599	0.9673
9.3	0.9096	0.9751	0.9034	0.9319	0.0856	0.9061	0.9391	0.9608
9.4	0.9473	0.9887	0.9541	0.9480	0.2926	0.9510	0.9522	0.9802
9.5	0.9595	0.9937	0.9725	0.9477	0.4477	0.9667	0.9495	0.9892
9.6	0.9655	0.9959	0.9816	0.9323	0.5845	0.9752	0.9349	0.9915
9.7	0.9769	0.9977	0.9911	0.9291	0.5971	0.9867	0.9396	0.9938
9.8	0.9800	0.9979	0.9941	0.9319	0.6745	0.9892	0.9557	0.9936
9.9	0.9847	0.9987	0.9966	0.9330	0.6438	0.9939	0.9665	0.9953
10.0	0.9906	0.9981	0.9979	0.9524	0.5641	0.9970	0.9785	0.9948
10.1	0.9853	0.9983	0.9984	0.9597	0.6444	0.9960	0.9807	0.9957
10.2	0.9880	0.9987	0.9984	0.9698	0.7434	0.9978	0.9846	0.9967
10.3	0.9882	0.9981	0.9983	0.9747	0.6268	0.9984	0.9873	0.9959
10.4	0.9879	0.9985	0.9981	0.9816	0.5654	0.9987	0.9906	0.9964
10.5	0.9824	0.9982	0.9979	0.9806	0.4519	0.9980	0.9891	0.9956
10.6	0.9779	0.9980	0.9979	0.9815	0.6779	0.9982	0.9893	0.9952
10.7	0.9818	0.9989	0.9977	0.9881	0.7603	0.9982	0.9931	0.9967
10.8	0.9793	0.9990	0.9980	0.9897	0.6668	0.9982	0.9939	0.9974
10.9	0.9746	0.9986	0.9975	0.9914	0.5141	0.9983	0.9946	0.9948
11.0	0.9613	0.9983	0.9955	0.9890	0.4493	0.9984	0.9918	0.9911
11.1	0.9632	0.9988	0.9948	0.9911	0.6280	0.9987	0.9935	0.9930
11.2	0.9566	0.9989	0.9942	0.9909	0.6223	0.9987	0.9936	0.9938
11.3	0.9630	0.9985	0.9926	0.9932	0.6936	0.9987	0.9951	0.9937
11.4	0.9653	0.9988	0.9925	0.9949	0.7262	0.9988	0.9965	0.9947
11.5	0.9380	0.9985	0.9930	0.9934	0.6273	0.9986	0.9952	0.9938
11.6	0.9351	0.9988	0.9920	0.9940	0.6004	0.9986	0.9954	0.9942
11.7	0.9510	0.9990	0.9899	0.9966	0.5656	0.9984	0.9970	0.9950
11.8	0.9426	0.9989	0.9897	0.9968	0.7687	0.9981	0.9972	0.9953
11.9	0.9206	0.9990	0.9906	0.9961	0.7630	0.9980	0.9972	0.9957
12.0	0.9308	0.9991	0.9907	0.9968	0.7279	0.9985	0.9975	0.9958
12.1	0.9169	0.9990	0.9910	0.9969	0.4113	0.9981	0.9975	0.9943
12.2	0.9391	0.9987	0.9927	0.9964	0.5211	0.9976	0.9970	0.9943
12.3	0.9398	0.9985	0.9923	0.9956	0.6813	0.9972	0.9969	0.9928
12.4	0.9357	0.9980	0.9926	0.9943	0.7297	0.9972	0.9959	0.9914
12.5	0.9525	0.9979	0.9917	0.9955	0.7395	0.9974	0.9963	0.9922
12.6	0.9660	0.9976	0.9915	0.9964	0.7055	0.9980	0.9976	0.9913
12.7	0.9662	0.9970	0.9916	0.9949	0.7913	0.9977	0.9967	0.9905
12.8	0.9668	0.9956	0.9908	0.9932	0.8256	0.9962	0.9958	0.9880
12.9	0.9553	0.9934	0.9876	0.9894	0.8860	0.9943	0.9937	0.9824
13.0	0.9743	0.9954	0.9849	0.9935	0.8836	0.9953	0.9929	0.9908
13.1	0.9823	0.9963	0.9861	0.9947	0.8754	0.9960	0.9933	0.9934
13.2	0.9852	0.9959	0.9874	0.9942	0.8971	0.9961	0.9921	0.9941
13.3	0.9847	0.9963	0.9884	0.9940	0.9259	0.9957	0.9915	0.9956
13.4	0.9789	0.9959	0.9876	0.9935	0.8999	0.9953	0.9926	0.9941
13.5	0.9871	0.9966	0.9907	0.9953	0.9062	0.9953	0.9939	0.9956
13.6	0.9835	0.9950	0.9922	0.9928	0.9124	0.9924	0.9893	0.9946
13.7	0.9824	0.9950	0.9914	0.9926	0.9087	0.9933	0.9897	0.9944
13.8	0.9869	0.9964	0.9920	0.9931	0.9224	0.9943	0.9908	0.9960
13.9	0.9800	0.9940	0.9906	0.9913	0.9141	0.9925	0.9894	0.9941
14.0	0.9721	0.9914	0.9882	0.9891	0.9082	0.9909	0.9875	0.9920
14.1	0.9827	0.9925	0.9921	0.9902	0.9564	0.9902	0.9870	0.9938
14.2	0.9843	0.9930	0.9907	0.9912	0.9463	0.9906	0.9890	0.9946
14.3	0.9778	0.9918	0.9911	0.9892	0.9372	0.9906	0.9884	0.9922
14.4	0.9701	0.9878	0.9894	0.9848	0.9045	0.9881	0.9833	0.9893
14.5	0.9620	0.9818	0.9802	0.9809	0.9179	0.9839	0.9767	0.9865
14.6	0.9505	0.9768	0.9860	0.9796	0.9332	0.9822	0.9785	0.9849
14.7	0.9375	0.9767	0.9863	0.9812	0.9456	0.9755	0.9786	0.9859
14.8	0.9284	0.9774	0.9861	0.9783	0.9283	0.9729	0.9739	0.9841
14.9	0.9050	0.9825	0.9886	0.9821	0.9433	0.9813	0.9794	0.9872
15.0	0.9142	0.9835	0.9846	0.9771	0.9116	0.9737	0.9744	0.9836
15.1	0.8508	0.9706	0.9676	0.9647	0.9239	0.9617	0.9589	0.9721
15.2	0.8089	0.9637	0.9596	0.9593	0.9329	0.9622	0.9531	0.9679
15.3	0.8052	0.9605	0.9532	0.9559	0.9291	0.9577	0.9540	0.9610
15.4	0.6995	0.9260	0.9284	0.9223	0.8938	0.9210	0.9192	0.9269
15.5	0.7271	0.9301	0.9193	0.9294	0.9020	0.9280	0.9247	0.9298
15.6	0.7536	0.9263	0.9033	0.9330	0.9121	0.9310	0.9236	0.9269
15.7	0.7162	0.8802	0.8442	0.9041	0.8770	0.8885	0.9056	0.8774
15.8	0.8193	0.9032	0.8722	0.9126	0.8763	0.9038	0.8965	0.8940
15.9	0.8934	0.9563	0.9360	0.9458	0.9288	0.9563	0.9271	0.9497
16.0	0.9049	0.9640	0.9363	0.9707	0.9449	0.9720	0.9490	0.9619
16.1	0.9394	0.9702	0.9522	0.9611	0.9415	0.9711	0.9553	0.9635
16.2	0.9353	0.9729	0.9418	0.9556	0.9446	0.9776	0.9467	0.9688
16.3	0.9284	0.9711	0.9251	0.9513	0.9524	0.9824	0.9392	0.9729
16.4	0.9329	0.9691	0.9148	0.9502	0.9549	0.9776	0.9404	0.9690
16.5	0.9108	0.9648	0.8790	0.9290	0.9343	0.9630	0.9180	0.9708

16.6	0.9085	0.9657	0.8647	0.9337	0.9233	0.9585	0.9201	0.9700
16.7	0.9037	0.9688	0.8464	0.9309	0.9368	0.9532	0.9138	0.9720
16.8	0.9108	0.9787	0.8458	0.9360	0.9465	0.9534	0.9208	0.9767
16.9	0.9163	0.9823	0.8532	0.9377	0.9143	0.9596	0.9252	0.9793
17.0	0.9199	0.9828	0.8622	0.9414	0.8893	0.9615	0.9310	0.9827
17.1	0.9472	0.9859	0.8932	0.9654	0.9175	0.9755	0.9571	0.9875
17.2	0.9255	0.9920	0.8735	0.9520	0.9487	0.9737	0.9400	0.9858
17.3	0.9262	0.9911	0.8691	0.9522	0.9406	0.9751	0.9397	0.9908
17.4	0.9469	0.9946	0.9001	0.9662	0.9426	0.9820	0.9576	0.9954
17.5	0.9521	0.9950	0.9016	0.9684	0.9420	0.9832	0.9598	0.9952
17.6	0.9495	0.9949	0.9016	0.9683	0.9457	0.9848	0.9587	0.9936
17.7	0.9624	0.9941	0.9325	0.9777	0.9626	0.9897	0.9706	0.9950
17.8	0.9588	0.9892	0.9225	0.9747	0.9648	0.9865	0.9675	0.9929
17.9	0.9514	0.9853	0.8988	0.9717	0.9695	0.9844	0.9617	0.9921
18.0	0.9560	0.9872	0.9102	0.9761	0.9744	0.9872	0.9666	0.9904
18.1	0.9661	0.9914	0.9251	0.9817	0.9768	0.9896	0.9744	0.9919
18.2	0.9679	0.9920	0.9260	0.9822	0.9734	0.9890	0.9741	0.9916
18.3	0.9658	0.9913	0.9228	0.9825	0.9662	0.9888	0.9764	0.9884
18.4	0.9666	0.9888	0.9265	0.9824	0.9750	0.9830	0.9754	0.9856
18.5	0.9761	0.9825	0.9363	0.9867	0.9809	0.9619	0.9802	0.9883
18.6	0.9786	0.9686	0.9338	0.9908	0.9794	0.9783	0.9869	0.9917
18.7	0.9709	0.9546	0.9076	0.9886	0.9718	0.9914	0.9844	0.9925
18.8	0.9780	0.9724	0.9072	0.9919	0.9636	0.9921	0.9879	0.9895
18.9	0.9723	0.9757	0.8866	0.9910	0.9782	0.9935	0.9873	0.9873
19.0	0.9591	0.9655	0.8880	0.9907	0.9691	0.9953	0.9857	0.9812
19.1	0.9599	0.9666	0.9039	0.9931	0.9773	0.9963	0.9886	0.9810
19.2	0.9478	0.9552	0.8943	0.9916	0.9665	0.9948	0.9867	0.9752
19.3	0.9345	0.9404	0.9031	0.9915	0.9722	0.9954	0.9853	0.9678
19.4	0.9157	0.9520	0.9168	0.9918	0.9780	0.9953	0.9853	0.9575
19.5	0.8404	0.9056	0.9102	0.9893	0.9636	0.9942	0.9790	0.9451
19.6	0.8632	0.9113	0.9337	0.9936	0.9768	0.9959	0.9876	0.9504
19.7	0.8037	0.8546	0.9272	0.9924	0.9855	0.9935	0.9842	0.9274
19.8	0.7671	0.8605	0.9401	0.9927	0.9723	0.9938	0.9838	0.9151
19.9	0.7386	0.8980	0.9391	0.9939	0.9640	0.9940	0.9846	0.9008
20.0	0.7994	0.9078	0.9571	0.9942	0.9621	0.9946	0.9847	0.9069
20.1	0.8924	0.9265	0.9581	0.9950	0.9831	0.9953	0.9871	0.9304
20.2	0.8973	0.9138	0.9485	0.9942	0.9837	0.9936	0.9825	0.9110
20.3	0.9261	0.9375	0.9513	0.9931	0.9685	0.9941	0.9821	0.9345
20.4	0.9423	0.9506	0.9603	0.9933	0.9602	0.9941	0.9827	0.9415
20.5	0.9530	0.9531	0.9646	0.9931	0.9668	0.9951	0.9842	0.9515
20.6	0.9610	0.9516	0.9495	0.9899	0.9755	0.9945	0.9841	0.9594
20.7	0.9630	0.9642	0.9576	0.9902	0.9769	0.9924	0.9810	0.9647
20.8	0.9728	0.9766	0.9600	0.9897	0.9715	0.9911	0.9831	0.9765
20.9	0.9678	0.9529	0.9515	0.9861	0.9678	0.9887	0.9843	0.9622
21.0	0.9670	0.9590	0.9533	0.9833	0.9643	0.9878	0.9815	0.9663
21.1	0.9584	0.9550	0.9451	0.9774	0.9463	0.9848	0.9760	0.9597
21.2	0.9698	0.9555	0.9541	0.9790	0.9287	0.9901	0.9822	0.9633
21.3	0.9698	0.9502	0.9581	0.9772	0.9562	0.9923	0.9836	0.9652
21.4	0.9753	0.9609	0.9485	0.9788	0.9737	0.9888	0.9835	0.9754
21.5	0.9751	0.9614	0.9396	0.9742	0.9733	0.9860	0.9827	0.9792
21.6	0.9737	0.9607	0.9361	0.9705	0.9567	0.9871	0.9805	0.9797
21.7	0.9723	0.9657	0.9538	0.9784	0.9654	0.9886	0.9808	0.9851
21.8	0.9710	0.9475	0.9532	0.9721	0.9685	0.9853	0.9828	0.9783
21.9	0.9641	0.9252	0.9285	0.9635	0.9498	0.9805	0.9803	0.9697
22.0	0.9685	0.9197	0.9351	0.9681	0.9246	0.9829	0.9813	0.9729
22.1	0.9656	0.9439	0.9445	0.9679	0.9356	0.9857	0.9773	0.9769
22.2	0.9695	0.9553	0.9459	0.9727	0.9636	0.9900	0.9769	0.9782
22.3	0.9699	0.9401	0.9448	0.9683	0.9638	0.9872	0.9780	0.9715
22.4	0.9643	0.9382	0.9423	0.9597	0.9476	0.9817	0.9759	0.9521
22.5	0.9708	0.9618	0.9529	0.9688	0.9539	0.9850	0.9805	0.9610
22.6	0.9693	0.9591	0.9296	0.9542	0.9514	0.9796	0.9794	0.9363
22.7	0.9664	0.9608	0.9077	0.9354	0.9464	0.9737	0.9767	0.8891
22.8	0.9686	0.9668	0.9345	0.9600	0.9550	0.9797	0.9771	0.9053
22.9	0.9616	0.9631	0.9009	0.9324	0.9382	0.9726	0.9723	0.8563
23.0	0.9630	0.9757	0.8816	0.9391	0.9532	0.9781	0.9751	0.8307
23.1	0.9713	0.9777	0.8589	0.9270	0.9335	0.9824	0.9766	0.7730
23.2	0.9748	0.9837	0.8655	0.9288	0.9308	0.9863	0.9810	0.7197
23.3	0.9691	0.9812	0.8456	0.8921	0.9063	0.9804	0.9769	0.6408
23.4	0.9621	0.9768	0.8086	0.8779	0.8993	0.9790	0.9707	0.5285
23.5	0.9526	0.9774	0.7652	0.8668	0.8881	0.9789	0.9685	0.4778
23.6	0.9325	0.9743	0.7294	0.8432	0.8686	0.9730	0.9538	0.6273
23.7	0.9465	0.9808	0.7745	0.8706	0.8495	0.9845	0.9653	0.6608
23.8	0.9490	0.9797	0.8063	0.8902	0.8798	0.9842	0.9714	0.6558
23.9	0.9484	0.9768	0.8256	0.8773	0.8727	0.9756	0.9671	0.6430
24.0	0.9423	0.9737	0.8369	0.8840	0.8086	0.9769	0.9692	0.7079
24.1	0.9275	0.9703	0.8070	0.8678	0.7282	0.9774	0.9630	0.6649
24.2	0.9034	0.9699	0.7311	0.8356	0.7172	0.9741	0.9437	0.5875
24.3	0.9087	0.9669	0.7461	0.8082	0.6293	0.9693	0.9402	0.5943
24.4	0.9112	0.9609	0.8032	0.8099	0.5456	0.9587	0.9425	0.6602
24.5	0.8907	0.9650	0.7935	0.8320	0.5191	0.9650	0.9360	0.6658
24.6	0.8928	0.9700	0.8009	0.8360	0.6613	0.9527	0.9391	0.6948
24.7	0.8694	0.9622	0.7835	0.8529	0.3768	0.9661	0.9307	0.6491
24.8	0.8972	0.9695	0.8439	0.8747	0.5174	0.9743	0.9498	0.6780
24.9	0.9023	0.9673	0.8432	0.8783	0.2808	0.9675	0.9478	0.7003
25.0	0.9010	0.9703	0.8494	0.8941	0.5155	0.9726	0.9431	0.8207
25.1	0.8831	0.9636	0.8342	0.8746	0.4828	0.9672	0.9262	0.7852

25.2	0.8582	0.9434	0.8251	0.8439	0.3976	0.9577	0.8958	0.7561
25.3	0.8342	0.9494	0.8153	0.8407	0.2959	0.9520	0.8764	0.7565
25.4	0.8148	0.9614	0.8112	0.8500	0.2973	0.9496	0.8684	0.7727
25.5	0.7752	0.9494	0.8276	0.8423	0.2650	0.9573	0.8686	0.8458
25.6	0.7956	0.9435	0.8711	0.8874	0.3822	0.9725	0.8912	0.8684
25.7	0.6235	0.9351	0.8168	0.8336	0.3874	0.9676	0.8144	0.8433
25.8	0.5950	0.9464	0.8433	0.8187	0.4333	0.9728	0.8014	0.9111
25.9	0.6049	0.9548	0.8542	0.8094	0.2824	0.9765	0.8128	0.9380
26.0	0.4150	0.9594	0.8834	0.8291	0.2849	0.9794	0.8096	0.9426
26.1	0.4095	0.9604	0.8753	0.8015	0.2181	0.9730	0.7441	0.9447
26.2	0.4439	0.9310	0.8209	0.7140	0.1585	0.9555	0.6265	0.9248
26.3	0.4013	0.9130	0.7965	0.6928	0.2324	0.9488	0.4907	0.9115
26.4	0.4454	0.9326	0.8442	0.7315	0.3463	0.9624	0.5693	0.9364
26.5	0.5587	0.9453	0.8369	0.7477	0.3243	0.9634	0.6700	0.9550
26.6	0.6073	0.9540	0.8589	0.7866	0.4280	0.9707	0.6952	0.9642
26.7	0.5341	0.9437	0.8564	0.7626	0.4171	0.9686	0.6413	0.9621
26.8	0.4505	0.9509	0.8293	0.7297	0.2476	0.9607	0.5611	0.9554
26.9	0.4558	0.9573	0.8086	0.6958	0.1346	0.9579	0.6013	0.9538
27.0	0.3710	0.9530	0.8078	0.6718	0.2318	0.9543	0.6149	0.9427
27.1	0.3471	0.9561	0.8220	0.6765	0.3517	0.9490	0.6778	0.9221
27.2	0.1648	0.9675	0.8306	0.7378	0.4221	0.9413	0.6709	0.9111
27.3	0.1221	0.9528	0.8490	0.7584	0.1671	0.9484	0.6809	0.9345
27.4	0.1539	0.9527	0.8957	0.8295	0.3615	0.9612	0.7316	0.9389
27.5	0.1569	0.9459	0.8585	0.7985	0.3718	0.9381	0.7171	0.9122
27.6	0.2368	0.9143	0.8393	0.8250	0.2527	0.9185	0.6483	0.8967
27.7	0.4696	0.8843	0.8542	0.8390	0.1816	0.9166	0.7283	0.8978
27.8	0.6829	0.8337	0.8770	0.8867	0.1258	0.9146	0.7403	0.8829
27.9	0.7549	0.8167	0.8769	0.8817	0.1140	0.8980	0.6932	0.8585
28.0	0.8124	0.7570	0.8692	0.8792	0.0650	0.8818	0.7075	0.8523
28.1	0.8863	0.7810	0.9209	0.9396	0.0546	0.9187	0.7609	0.8639
28.2	0.8868	0.6642	0.8977	0.9366	0.0574	0.8784	0.7180	0.7430
28.3	0.8670	0.4486	0.8731	0.9319	0.0119	0.8293	0.7199	0.5586
28.4	0.8856	0.3522	0.8508	0.9361	0.0146	0.8097	0.7825	0.6085
28.5	0.9110	0.4889	0.8240	0.9432	0.0358	0.8081	0.8052	0.6036
28.6	0.9237	0.4973	0.8571	0.9470	0.0259	0.8560	0.8394	0.5739
28.7	0.9212	0.4971	0.8418	0.9519	0.0565	0.8341	0.8653	0.4655
28.8	0.9267	0.5163	0.8051	0.9603	0.0371	0.8343	0.8825	0.5520
28.9	0.9345	0.6035	0.7486	0.9490	0.0294	0.8782	0.8941	0.6420
29.0	0.9469	0.6110	0.7398	0.9605	0.0132	0.9018	0.9221	0.6962
29.1	0.9415	0.5323	0.6645	0.9660	0.0186	0.8937	0.9164	0.6578
29.2	0.9379	0.6158	0.5451	0.9618	0.0146	0.8510	0.9224	0.7088
29.3	0.9466	0.6383	0.6399	0.9666	0.0483	0.8404	0.9451	0.7504
29.4	0.9371	0.5320	0.5307	0.9667	0.0400	0.8153	0.9326	0.6847
29.5	0.9567	0.7076	0.5454	0.9671	0.0537	0.8979	0.9562	0.8095
29.6	0.9488	0.7070	0.4800	0.9557	0.0605	0.8464	0.9491	0.8092
29.7	0.9332	0.6433	0.3223	0.9478	0.0092	0.7620	0.9331	0.7582
29.8	0.9547	0.7034	0.3669	0.9743	0.0291	0.8385	0.9551	0.8222
29.9	0.9440	0.6538	0.3448	0.9649	0.0339	0.7899	0.9573	0.8339
30.0	0.9523	0.7388	0.3847	0.9499	0.0313	0.8426	0.9617	0.8335
30.1	0.9520	0.7844	0.4293	0.9563	0.0457	0.8346	0.9644	0.8101
30.2	0.9602	0.7899	0.4628	0.9523	0.0270	0.7603	0.9682	0.8046
30.3	0.9518	0.7170	0.2863	0.9494	0.0231	0.6663	0.9608	0.7778
30.4	0.9485	0.7218	0.3672	0.9298	0.1680	0.7083	0.9599	0.7487
30.5	0.9654	0.8351	0.2598	0.9156	0.0997	0.6777	0.9726	0.8048
30.6	0.9654	0.8372	0.2536	0.8782	0.0241	0.5200	0.9763	0.7848
30.7	0.9591	0.7876	0.1867	0.9019	0.1499	0.4829	0.9689	0.8080
30.8	0.9682	0.8084	0.2566	0.9190	0.1721	0.4959	0.9753	0.8430
30.9	0.9629	0.7707	0.2765	0.8849	0.1282	0.3073	0.9648	0.7261
31.0	0.9682	0.8019	0.2497	0.8633	0.1426	0.2230	0.9584	0.7060
31.1	0.9783	0.8603	0.2707	0.8685	0.1625	0.3395	0.9672	0.7846
31.2	0.9761	0.8819	0.3218	0.8315	0.1596	0.1135	0.9735	0.8120
31.3	0.9681	0.8501	0.2737	0.7984	0.2611	0.0577	0.9698	0.7659
31.4	0.9694	0.8524	0.2723	0.7622	0.2098	0.0676	0.9642	0.7427
31.5	0.9712	0.8876	0.4023	0.8407	0.3276	0.1823	0.9677	0.7353
31.6	0.9785	0.8967	0.4506	0.8570	0.3411	0.2677	0.9626	0.7338
31.7	0.9743	0.9067	0.4734	0.8463	0.2790	0.2984	0.9593	0.7673
31.8	0.9779	0.9169	0.5771	0.8851	0.3131	0.4890	0.9684	0.8160
31.9	0.9737	0.8868	0.4534	0.8432	0.3336	0.4022	0.9459	0.6965
32.0	0.9665	0.8998	0.5062	0.8148	0.4088	0.4514	0.9380	0.5860
32.1	0.9745	0.9255	0.5651	0.8523	0.4932	0.5393	0.9547	0.6775
32.2	0.9786	0.9426	0.6324	0.8770	0.4403	0.6326	0.9568	0.7032
32.3	0.9811	0.9376	0.7069	0.9069	0.4827	0.7010	0.9581	0.7456
32.4	0.9785	0.9271	0.7193	0.9230	0.4968	0.7247	0.9539	0.7705
32.5	0.9822	0.9444	0.8008	0.9366	0.5462	0.7655	0.9641	0.7800
32.6	0.9834	0.9456	0.8230	0.9479	0.5658	0.8223	0.9667	0.7552
32.7	0.9881	0.9638	0.8887	0.9575	0.5935	0.8289	0.9775	0.7983
32.8	0.9854	0.9664	0.9148	0.9492	0.6120	0.8307	0.9714	0.7824
32.9	0.9780	0.9504	0.8666	0.9365	0.6617	0.8119	0.9562	0.7230
33.0	0.9874	0.9576	0.9195	0.9586	0.6052	0.8848	0.9690	0.7342
33.1	0.9866	0.9718	0.9316	0.9721	0.5609	0.9188	0.9768	0.7457
33.2	0.9867	0.9748	0.9356	0.9791	0.5437	0.9344	0.9851	0.7781
33.3	0.9911	0.9821	0.9548	0.9869	0.7259	0.9583	0.9885	0.8472
33.4	0.9833	0.9708	0.9463	0.9805	0.5407	0.9447	0.9792	0.7781
33.5	0.9829	0.9687	0.9472	0.9807	0.4705	0.9492	0.9818	0.7668
33.6	0.9860	0.9776	0.9518	0.9841	0.4390	0.9574	0.9862	0.7926
33.7	0.9824	0.9772	0.9565	0.9810	0.4869	0.9563	0.9836	0.7974

33.8	0.9786	0.9708	0.9423	0.9764	0.3539	0.9444	0.9812	0.7922
33.9	0.9760	0.9636	0.9315	0.9761	0.3202	0.9284	0.9767	0.8393
34.0	0.9752	0.9658	0.9381	0.9764	0.4704	0.9254	0.9751	0.8539
34.1	0.9694	0.9588	0.9449	0.9704	0.7099	0.9240	0.9705	0.8615
34.2	0.9505	0.9367	0.9173	0.9509	0.7560	0.9152	0.9510	0.8832
34.3	0.9447	0.9245	0.9213	0.9445	0.7688	0.9144	0.9434	0.9091
34.4	0.9394	0.9238	0.9190	0.9395	0.7844	0.9076	0.9384	0.9190
34.5	0.9376	0.9243	0.9224	0.9359	0.5958	0.9122	0.9350	0.9339
34.6	0.9447	0.9400	0.9386	0.9453	0.6148	0.9189	0.9405	0.9463
34.7	0.9707	0.9672	0.9664	0.9703	0.5601	0.9512	0.9680	0.9718
34.8	0.9528	0.9553	0.9467	0.9491	0.5406	0.9316	0.9478	0.9604
34.9	0.9740	0.9709	0.9618	0.9647	0.6942	0.9712	0.9714	0.9786
35.0	0.9728	0.9671	0.9620	0.9687	0.6834	0.9653	0.9676	0.9658
35.1	0.9551	0.9390	0.9292	0.9368	0.3275	0.9463	0.9496	0.9520
35.2	0.9521	0.9484	0.9345	0.9231	0.0960	0.9568	0.9429	0.9469
35.3	0.9362	0.9469	0.9134	0.8928	0.1857	0.9455	0.9051	0.9258
35.4	0.8983	0.9206	0.8641	0.7690	0.1216	0.9377	0.8537	0.8968
35.5	0.8459	0.9202	0.8590	0.6322	0.1083	0.9365	0.7742	0.8665
35.6	0.7131	0.9038	0.8275	0.4875	0.1082	0.9223	0.5640	0.8382
35.7	0.6180	0.8076	0.6840	0.3767	0.0344	0.9048	0.3815	0.7492
35.8	0.3942	0.7043	0.6418	0.1681	0.1560	0.8990	0.0846	0.5976
35.9	0.2995	0.7810	0.7594	0.3382	0.0217	0.9443	0.0240	0.6088
36.0	0.0505	0.7288	0.6865	0.4711	0.0523	0.9418	0.1872	0.5767
36.1	0.0909	0.6279	0.4581	0.6340	0.0909	0.9305	0.4679	0.6059
36.2	0.3164	0.5061	0.4043	0.6985	0.0459	0.9373	0.6474	0.5794
36.3	0.3678	0.4588	0.3153	0.7286	0.0494	0.9217	0.6760	0.5660
36.4	0.6378	0.3615	0.2340	0.8360	0.0492	0.9228	0.7993	0.7039
36.5	0.7387	0.3618	0.3783	0.8730	0.0592	0.9507	0.8277	0.7620
36.6	0.7606	0.1691	0.2636	0.8700	0.0569	0.9141	0.8095	0.7053
36.7	0.8490	0.2614	0.4000	0.9133	0.0047	0.9243	0.8659	0.7822
36.8	0.8565	0.4010	0.5516	0.9069	0.0049	0.9363	0.8784	0.7959
36.9	0.8525	0.3415	0.6278	0.9047	0.0215	0.9083	0.8806	0.7452
37.0	0.8580	0.4347	0.6134	0.9040	0.1276	0.9085	0.8858	0.7188
37.1	0.9144	0.6022	0.6462	0.9318	0.1177	0.9053	0.9259	0.7576
37.2	0.9217	0.5989	0.7493	0.9417	0.1234	0.8750	0.9289	0.8154
37.3	0.8904	0.5895	0.7079	0.9107	0.1128	0.7980	0.8956	0.7844
37.4	0.8644	0.5881	0.6792	0.8948	0.1047	0.7661	0.8720	0.7620
37.5	0.8975	0.7072	0.7826	0.9244	0.0419	0.8181	0.9005	0.8257
37.6	0.9183	0.7612	0.8571	0.9357	0.0211	0.8314	0.9165	0.8571
37.7	0.9093	0.7674	0.8219	0.9238	0.0802	0.7583	0.9141	0.8365
37.8	0.8799	0.7744	0.7918	0.8978	0.1739	0.7311	0.8893	0.7941
37.9	0.9049	0.7850	0.7547	0.9177	0.0753	0.5626	0.9083	0.7455
38.0	0.8887	0.7292	0.7751	0.9002	0.0596	0.5175	0.8900	0.7178
38.1	0.8959	0.7581	0.7713	0.9045	0.0817	0.5680	0.8890	0.7561
38.2	0.9223	0.8356	0.8311	0.9255	0.2269	0.3995	0.9208	0.7598
38.3	0.9368	0.8529	0.8343	0.9407	0.2517	0.4276	0.9364	0.7635
38.4	0.9434	0.8615	0.8381	0.9468	0.1426	0.4064	0.9373	0.6979
38.5	0.9343	0.8101	0.7475	0.9333	0.0688	0.2942	0.9205	0.6151
38.6	0.9582	0.8702	0.8160	0.9573	0.1990	0.6082	0.9513	0.6626
38.7	0.9602	0.8838	0.8140	0.9587	0.0871	0.6008	0.9561	0.6808
38.8	0.9604	0.8949	0.7908	0.9623	0.1288	0.4711	0.9544	0.6611
38.9	0.9524	0.8865	0.7586	0.9533	0.0979	0.5481	0.9516	0.4556
39.0	0.9666	0.9125	0.7387	0.9618	0.0550	0.6752	0.9579	0.3324
39.1	0.9557	0.8884	0.7722	0.9575	0.0385	0.7204	0.9437	0.4353
39.2	0.9510	0.8439	0.7754	0.9539	0.0387	0.7781	0.9390	0.4353
39.3	0.9579	0.8650	0.7722	0.9568	0.0663	0.8027	0.9441	0.3733
39.4	0.9665	0.9045	0.7776	0.9679	0.2020	0.8510	0.9522	0.4378
39.5	0.9693	0.8962	0.7234	0.9685	0.0477	0.8505	0.9492	0.3951
39.6	0.9771	0.9046	0.8372	0.9755	0.0020	0.8733	0.9532	0.3067
39.7	0.9781	0.8965	0.8160	0.9740	0.0079	0.8649	0.9572	0.2590
39.8	0.9761	0.8980	0.7408	0.9675	0.0252	0.8434	0.9336	0.2178
39.9	0.9798	0.9054	0.7868	0.9730	0.0744	0.8381	0.9319	0.1990
40.0	0.9816	0.9001	0.7818	0.9768	0.1015	0.8485	0.9385	0.2401
40.1	0.9818	0.8817	0.7818	0.9773	0.1382	0.7997	0.9399	0.4050
40.2	0.9730	0.8632	0.6440	0.9664	0.0410	0.7536	0.8959	0.2754
40.3	0.9758	0.8583	0.6452	0.9652	0.0322	0.7711	0.9066	0.2084
40.4	0.9781	0.8681	0.6449	0.9657	0.0136	0.7682	0.8906	0.1402
40.5	0.9792	0.8651	0.6796	0.9626	0.0093	0.7061	0.8800	0.2052
40.6	0.9801	0.8385	0.6522	0.9603	0.1200	0.6778	0.8770	0.2490
40.7	0.9707	0.8337	0.5634	0.9518	0.0542	0.7018	0.8643	0.2658
40.8	0.9791	0.8759	0.5787	0.9598	0.0888	0.6914	0.8744	0.3779
40.9	0.9780	0.8720	0.5835	0.9564	0.0599	0.6474	0.8720	0.4206
41.0	0.9723	0.8087	0.4880	0.9444	0.1865	0.5859	0.8488	0.3136
41.1	0.9765	0.8222	0.5694	0.9418	0.0903	0.4953	0.8367	0.1353
41.2	0.9803	0.7963	0.4821	0.9475	0.1432	0.4212	0.8474	0.2756
41.3	0.9827	0.7582	0.4199	0.9408	0.0482	0.4706	0.8377	0.2742
41.4	0.9814	0.7182	0.4119	0.9377	0.1223	0.4425	0.8313	0.4023
41.5	0.9841	0.7018	0.4838	0.9489	0.1625	0.4272	0.8415	0.3272
41.6	0.9827	0.6617	0.3966	0.9334	0.0619	0.2408	0.7855	0.2910
41.7	0.9868	0.6033	0.4336	0.9436	0.0426	0.2704	0.7992	0.1703
41.8	0.9875	0.6056	0.3082	0.9545	0.0967	0.2464	0.8277	0.2198
41.9	0.9884	0.6987	0.3235	0.9653	0.0785	0.2984	0.8501	0.1334
42.0	0.9852	0.6300	0.3361	0.9594	0.0803	0.3098	0.8282	0.0864
42.1	0.9844	0.5829	0.3328	0.9637	0.0763	0.2582	0.8227	0.1670
42.2	0.9853	0.6161	0.2243	0.9659	0.1918	0.1298	0.8271	0.3466
42.3	0.9790	0.5087	0.1249	0.9556	0.1515	0.1853	0.8233	0.2970

42.4	0.9794	0.4551	0.1056	0.9541	0.0910	0.2384	0.7957	0.2178
42.5	0.9896	0.5648	0.1935	0.9752	0.1277	0.2848	0.8547	0.2609
42.6	0.9883	0.6418	0.3646	0.9813	0.0841	0.3729	0.8906	0.1909
42.7	0.9868	0.7119	0.2515	0.9793	0.1046	0.2779	0.8764	0.2217
42.8	0.9876	0.6901	0.3069	0.9770	0.1296	0.2622	0.8788	0.1389
42.9	0.9783	0.6166	0.1218	0.9685	0.0943	0.3369	0.8658	0.1094
43.0	0.9875	0.7359	0.1274	0.9834	0.1056	0.4478	0.9034	0.2449
43.1	0.9907	0.7899	0.1111	0.9874	0.1961	0.4981	0.9180	0.3055
43.2	0.9906	0.8256	0.0534	0.9872	0.2293	0.4374	0.9290	0.3353
43.3	0.9909	0.8292	0.1587	0.9879	0.2124	0.5307	0.9362	0.4320
43.4	0.9929	0.8363	0.4084	0.9884	0.1412	0.6809	0.9462	0.3908
43.5	0.9910	0.7614	0.3088	0.9810	0.0708	0.6638	0.9289	0.2966
43.6	0.9886	0.7747	0.1320	0.9770	0.0928	0.6533	0.9167	0.2021
43.7	0.9910	0.8107	0.1527	0.9816	0.1321	0.7205	0.9279	0.2177
43.8	0.9937	0.7976	0.1766	0.9836	0.1802	0.6855	0.9230	0.3421
43.9	0.9944	0.7293	0.1874	0.9853	0.1781	0.7484	0.9291	0.4745
44.0	0.9941	0.6211	0.1949	0.9859	0.0690	0.7844	0.9318	0.4614
44.1	0.9917	0.5918	0.2057	0.9830	0.0887	0.7942	0.9244	0.5476
44.2	0.9909	0.6436	0.0315	0.9834	0.0929	0.8528	0.9323	0.5157
44.3	0.9943	0.7413	0.0672	0.9897	0.2206	0.8827	0.9508	0.5265
44.4	0.9958	0.7120	0.0718	0.9897	0.3588	0.8139	0.9460	0.4006
44.5	0.9971	0.7825	0.0901	0.9926	0.3467	0.7970	0.9585	0.5641
44.6	0.9962	0.7351	0.0977	0.9910	0.2578	0.7392	0.9487	0.5411
44.7	0.9970	0.7260	0.1240	0.9928	0.0411	0.7245	0.9521	0.4544
44.8	0.9968	0.6847	0.0825	0.9929	0.0598	0.8127	0.9646	0.4454
44.9	0.9969	0.5267	0.0827	0.9911	0.1677	0.8624	0.9637	0.3971
45.0	0.9978	0.5693	0.1226	0.9928	0.2628	0.8663	0.9662	0.4432
45.1	0.9970	0.6013	0.1508	0.9935	0.2291	0.8451	0.9668	0.4825
45.2	0.9968	0.5077	0.3747	0.9942	0.1142	0.8269	0.9707	0.2997
45.3	0.9963	0.5155	0.3370	0.9953	0.1695	0.8663	0.9736	0.4814
45.4	0.9965	0.4479	0.3236	0.9953	0.1378	0.8331	0.9717	0.5386
45.5	0.9968	0.3552	0.2682	0.9954	0.1894	0.8620	0.9755	0.4036
45.6	0.9976	0.3651	0.2000	0.9948	0.2250	0.8658	0.9733	0.3276
45.7	0.9962	0.3640	0.3434	0.9955	0.2527	0.9062	0.9699	0.3188
45.8	0.9965	0.5266	0.3255	0.9957	0.2291	0.9061	0.9758	0.4069
45.9	0.9975	0.6789	0.4313	0.9964	0.2102	0.9189	0.9831	0.4696
46.0	0.9979	0.5993	0.5534	0.9967	0.1430	0.9120	0.9827	0.5423
46.1	0.9967	0.4952	0.5819	0.9958	0.0377	0.8945	0.9774	0.5043
46.2	0.9944	0.5619	0.5927	0.9947	0.0408	0.7543	0.9706	0.4315
46.3	0.9951	0.6823	0.5535	0.9964	0.0613	0.8666	0.9826	0.4895
46.4	0.9967	0.8393	0.6292	0.9973	0.2677	0.9384	0.9886	0.6699
46.5	0.9957	0.8136	0.7003	0.9970	0.1055	0.9079	0.9839	0.6626
46.6	0.9967	0.7692	0.7094	0.9967	0.0305	0.8523	0.9766	0.5003
46.7	0.9965	0.7160	0.7571	0.9970	0.0046	0.7922	0.9761	0.5399
46.8	0.9959	0.6738	0.7420	0.9956	0.0503	0.7962	0.9732	0.5667
46.9	0.9965	0.7081	0.7189	0.9959	0.0153	0.8846	0.9794	0.5904
47.0	0.9946	0.6856	0.6960	0.9946	0.0052	0.8034	0.9743	0.4751
47.1	0.9963	0.7878	0.7740	0.9956	0.0141	0.5284	0.9792	0.5333
47.2	0.9972	0.7456	0.7841	0.9965	0.0731	0.6509	0.9812	0.7392
47.3	0.9959	0.6921	0.7814	0.9960	0.0490	0.8198	0.9806	0.7658
47.4	0.9963	0.6438	0.7739	0.9964	0.0075	0.8922	0.9799	0.6842
47.5	0.9954	0.6181	0.7069	0.9966	0.0201	0.9010	0.9808	0.5814
47.6	0.9934	0.7073	0.7123	0.9961	0.0087	0.9203	0.9785	0.2346
47.7	0.9929	0.7313	0.7800	0.9962	0.0027	0.9327	0.9773	0.3431
47.8	0.9885	0.6976	0.7408	0.9941	0.0114	0.7475	0.9580	0.4762
47.9	0.9914	0.7658	0.7404	0.9939	0.0647	0.7234	0.9716	0.6177
48.0	0.9905	0.8616	0.7567	0.9941	0.0368	0.8567	0.9748	0.6450
48.1	0.9898	0.8706	0.8302	0.9949	0.0061	0.8345	0.9722	0.6302
48.2	0.9938	0.7866	0.8483	0.9955	0.0033	0.8540	0.9748	0.5776
48.3	0.9941	0.7512	0.8558	0.9950	0.0028	0.7468	0.9759	0.5274
48.4	0.9935	0.7468	0.8583	0.9949	0.1746	0.8099	0.9734	0.4339
48.5	0.9886	0.7028	0.7673	0.9916	0.0920	0.7966	0.9628	0.4301
48.6	0.9913	0.7403	0.8110	0.9935	0.0740	0.8562	0.9711	0.5819
48.7	0.9933	0.7413	0.8160	0.9937	0.1079	0.8613	0.9697	0.5944
48.8	0.9928	0.7498	0.7942	0.9931	0.0424	0.7481	0.9717	0.2749
48.9	0.9909	0.7910	0.8276	0.9928	0.2501	0.6965	0.9757	0.2688
49.0	0.9888	0.8329	0.8850	0.9913	0.2324	0.6197	0.9691	0.1244
49.1	0.9924	0.8676	0.8862	0.9933	0.2179	0.6693	0.9676	0.0768
49.2	0.9929	0.8750	0.8988	0.9936	0.1411	0.7385	0.9739	0.2558
49.3	0.9922	0.8787	0.9032	0.9926	0.1598	0.8963	0.9811	0.2439
49.4	0.9891	0.8744	0.8884	0.9920	0.1346	0.8839	0.9727	0.1122
49.5	0.9908	0.8943	0.8950	0.9926	0.1443	0.8252	0.9773	0.2709
49.6	0.9920	0.9122	0.9115	0.9939	0.2942	0.8079	0.9818	0.4642
49.7	0.9904	0.9095	0.9112	0.9914	0.2530	0.7667	0.9716	0.5291
49.8	0.9895	0.8696	0.8913	0.9899	0.2841	0.8212	0.9680	0.5106
49.9	0.9913	0.8711	0.9201	0.9935	0.4828	0.7439	0.9765	0.5425
50.0	0.9923	0.8871	0.9314	0.9943	0.5946	0.7479	0.9804	0.6618
50.1	0.9905	0.8787	0.9203	0.9918	0.6432	0.8388	0.9758	0.7264
50.2	0.9914	0.8354	0.9314	0.9921	0.6027	0.8239	0.9769	0.8212
50.3	0.9913	0.8304	0.9358	0.9928	0.5016	0.6097	0.9837	0.7974
50.4	0.9898	0.8677	0.9271	0.9907	0.5591	0.2530	0.9809	0.7941
50.5	0.9894	0.8452	0.9210	0.9902	0.6806	0.3788	0.9811	0.8223
50.6	0.9896	0.7998	0.9292	0.9909	0.5438	0.2803	0.9792	0.7616
50.7	0.9886	0.8709	0.9410	0.9922	0.5801	0.4671	0.9821	0.8008
50.8	0.9888	0.8981	0.9312	0.9911	0.5979	0.7376	0.9813	0.8622
50.9	0.9920	0.9128	0.9501	0.9918	0.6282	0.7928	0.9880	0.9064

51.0	0.9909	0.9138	0.9595	0.9920	0.6781	0.6561	0.9884	0.8897
51.1	0.9874	0.8722	0.9499	0.9910	0.5737	0.7961	0.9844	0.8157
51.2	0.9889	0.9074	0.9512	0.9919	0.6327	0.8455	0.9834	0.7814
51.3	0.9898	0.9362	0.9553	0.9909	0.8123	0.8238	0.9860	0.8920
51.4	0.9871	0.9214	0.9540	0.9908	0.6848	0.6289	0.9862	0.8601
51.5	0.9870	0.9197	0.9599	0.9918	0.7658	0.7347	0.9854	0.8701
51.6	0.9905	0.9140	0.9692	0.9917	0.7653	0.8337	0.9855	0.9059
51.7	0.9890	0.9241	0.9529	0.9914	0.8446	0.7577	0.9876	0.9203
51.8	0.9882	0.9387	0.9601	0.9902	0.8578	0.8499	0.9890	0.9369
51.9	0.9767	0.9191	0.9536	0.9870	0.7424	0.8394	0.9843	0.8327
52.0	0.9881	0.9235	0.9570	0.9918	0.8566	0.9343	0.9866	0.8847
52.1	0.9840	0.9274	0.9490	0.9889	0.8747	0.9225	0.9841	0.9371
52.2	0.9883	0.9443	0.9589	0.9909	0.9290	0.9073	0.9895	0.9576
52.3	0.9861	0.9459	0.9621	0.9885	0.9325	0.7486	0.9884	0.9526
52.4	0.9870	0.9265	0.9651	0.9867	0.9246	0.9109	0.9838	0.9328
52.5	0.9887	0.9070	0.9657	0.9855	0.9245	0.9187	0.9883	0.9375
52.6	0.9901	0.9341	0.9699	0.9878	0.9027	0.7952	0.9888	0.9235
52.7	0.9874	0.9303	0.9765	0.9933	0.8303	0.6118	0.9792	0.8764
52.8	0.9889	0.9516	0.9796	0.9919	0.9108	0.9156	0.9863	0.9412
52.9	0.9910	0.9626	0.9801	0.9922	0.9254	0.9595	0.9896	0.9483
53.0	0.9906	0.9582	0.9772	0.9936	0.9344	0.9602	0.9863	0.9534
53.1	0.9852	0.9510	0.9688	0.9894	0.9337	0.9546	0.9759	0.9531
53.2	0.9831	0.9390	0.9698	0.9889	0.9309	0.8895	0.9702	0.9454
53.3	0.9802	0.9057	0.9729	0.9871	0.9264	0.6067	0.9817	0.9371
53.4	0.9776	0.8838	0.9800	0.9879	0.9354	0.8772	0.9861	0.9324
53.5	0.9782	0.9151	0.9803	0.9876	0.9326	0.9361	0.9826	0.9472
53.6	0.9857	0.9467	0.9813	0.9880	0.9555	0.9594	0.9836	0.9693
53.7	0.9894	0.9560	0.9794	0.9905	0.9708	0.9671	0.9852	0.9794
53.8	0.9877	0.9576	0.9799	0.9916	0.9727	0.9627	0.9793	0.9759
53.9	0.9897	0.9551	0.9801	0.9899	0.9722	0.9778	0.9759	0.9780
54.0	0.9916	0.9656	0.9786	0.9913	0.9749	0.9782	0.9776	0.9825
54.1	0.9873	0.9525	0.9754	0.9902	0.9709	0.9463	0.9734	0.9773
54.2	0.9843	0.9386	0.9733	0.9893	0.9629	0.9564	0.9577	0.9707
54.3	0.9899	0.9489	0.9758	0.9909	0.9672	0.9769	0.9618	0.9785
54.4	0.9889	0.9417	0.9715	0.9916	0.9687	0.9731	0.9328	0.9814
54.5	0.9900	0.9425	0.9584	0.9919	0.9740	0.9701	0.8746	0.9830
54.6	0.9852	0.9132	0.9553	0.9893	0.9681	0.9048	0.8133	0.9773
54.7	0.9854	0.9233	0.9655	0.9883	0.9722	0.9101	0.9051	0.9852
54.8	0.9735	0.8813	0.9613	0.9782	0.9543	0.9343	0.7894	0.9702
54.9	0.9850	0.9257	0.9638	0.9883	0.9605	0.9662	0.7116	0.9837
55.0	0.9853	0.8814	0.9523	0.9873	0.9622	0.9679	0.6326	0.9792
55.1	0.9827	0.8061	0.9467	0.9874	0.9522	0.9568	0.7461	0.9822
55.2	0.9823	0.8350	0.9459	0.9843	0.9492	0.9513	0.8141	0.9767
55.3	0.9823	0.7942	0.9484	0.9860	0.9542	0.9460	0.8546	0.9796
55.4	0.9847	0.8272	0.9638	0.9885	0.9412	0.8903	0.8937	0.9847
55.5	0.9828	0.8061	0.9529	0.9864	0.9248	0.8859	0.8765	0.9731
55.6	0.9852	0.8252	0.9590	0.9843	0.9361	0.9400	0.9071	0.9728
55.7	0.9823	0.7687	0.9514	0.9819	0.9439	0.9325	0.8983	0.9688
55.8	0.9829	0.8006	0.9470	0.9856	0.9543	0.9086	0.9213	0.9775
55.9	0.9861	0.8052	0.9455	0.9868	0.9438	0.8925	0.9324	0.9779
56.0	0.9856	0.7412	0.9507	0.9879	0.9071	0.8449	0.9303	0.9779
56.1	0.9826	0.7048	0.9432	0.9845	0.8866	0.9180	0.9329	0.9785
56.2	0.9796	0.7499	0.9388	0.9842	0.9146	0.9310	0.9140	0.9787
56.3	0.9850	0.7926	0.9278	0.9862	0.9303	0.9319	0.9263	0.9799
56.4	0.9876	0.8762	0.9319	0.9882	0.9326	0.9449	0.9566	0.9832
56.5	0.9888	0.8597	0.9347	0.9889	0.9312	0.9493	0.9665	0.9852
56.6	0.9861	0.8404	0.9180	0.9868	0.9246	0.9386	0.9558	0.9822
56.7	0.9808	0.8210	0.9020	0.9856	0.9099	0.9437	0.9471	0.9786
56.8	0.9749	0.8375	0.8925	0.9803	0.8713	0.9528	0.9495	0.9734
56.9	0.9793	0.8480	0.8988	0.9813	0.8649	0.9610	0.9593	0.9759
57.0	0.9718	0.8593	0.8837	0.9736	0.9113	0.9480	0.9474	0.9751
57.1	0.9690	0.8885	0.9123	0.9727	0.9062	0.9346	0.9382	0.9649
57.2	0.9757	0.8821	0.9177	0.9791	0.9026	0.9478	0.9617	0.9678
57.3	0.9759	0.9079	0.9099	0.9801	0.9269	0.9676	0.9630	0.9774
57.4	0.9670	0.9120	0.9157	0.9713	0.9248	0.9653	0.9657	0.9714
57.5	0.9611	0.9152	0.9079	0.9693	0.8881	0.9525	0.9647	0.9720
57.6	0.9698	0.9351	0.9190	0.9759	0.8840	0.9537	0.9654	0.9769
57.7	0.9730	0.9306	0.9280	0.9825	0.8911	0.9557	0.9617	0.9754
57.8	0.9737	0.9302	0.9253	0.9839	0.8816	0.9485	0.9591	0.9757
57.9	0.9720	0.9154	0.9286	0.9787	0.8915	0.9283	0.9388	0.9622
58.0	0.9643	0.8811	0.9050	0.9582	0.8666	0.9430	0.9197	0.9421
58.1	0.9642	0.8693	0.9090	0.9525	0.7591	0.9421	0.9145	0.8395
58.2	0.9507	0.8835	0.9303	0.9520	0.7641	0.9327	0.8852	0.7336
58.3	0.9535	0.8879	0.9406	0.9607	0.8681	0.9234	0.8497	0.8994
58.4	0.9664	0.9277	0.9396	0.9637	0.8815	0.9410	0.8842	0.9631
58.5	0.9715	0.9580	0.9428	0.9651	0.8420	0.9667	0.9196	0.9727
58.6	0.9706	0.9511	0.9353	0.9614	0.9042	0.9706	0.9259	0.9639
58.7	0.9752	0.9511	0.9271	0.9638	0.9452	0.9644	0.9239	0.9670
58.8	0.9663	0.9226	0.9205	0.9472	0.9158	0.9532	0.9018	0.9594
58.9	0.9611	0.9262	0.9232	0.9451	0.8639	0.9611	0.9353	0.9595
59.0	0.9549	0.8774	0.9181	0.9544	0.8822	0.9658	0.9366	0.9584
59.1	0.9628	0.9007	0.9441	0.9630	0.9300	0.9694	0.9537	0.9621
59.2	0.9711	0.9524	0.9516	0.9608	0.9332	0.9712	0.9655	0.9648
59.3	0.9652	0.9402	0.9272	0.9486	0.8907	0.9643	0.9567	0.9534
59.4	0.9620	0.9484	0.9210	0.9421	0.8512	0.9634	0.9507	0.9574
59.5	0.9571	0.9507	0.9300	0.9514	0.9161	0.9659	0.9648	0.9624

59.6	0.9623	0.9473	0.9284	0.9483	0.9149	0.9726	0.9743	0.9611
59.7	0.9610	0.9496	0.9332	0.9579	0.9017	0.9787	0.9743	0.9577
59.8	0.9536	0.9559	0.9306	0.9446	0.9035	0.9765	0.9717	0.9658
59.9	0.9641	0.9638	0.9372	0.9359	0.8936	0.9741	0.9105	0.9539
60.0	0.9660	0.9501	0.9148	0.9250	0.9129	0.9674	0.7508	0.9185
60.1	0.9603	0.9497	0.8937	0.9059	0.8838	0.9622	0.8890	0.9366
60.2	0.9568	0.9555	0.9062	0.8981	0.9130	0.9659	0.9670	0.9429
60.3	0.9649	0.9639	0.9201	0.9043	0.9255	0.9707	0.9711	0.9529
60.4	0.9639	0.9644	0.9127	0.8963	0.9375	0.9741	0.9708	0.9524
60.5	0.9635	0.9591	0.9165	0.8455	0.9145	0.9748	0.9742	0.9500
60.6	0.9705	0.9593	0.9325	0.7675	0.8702	0.9751	0.9793	0.9628
60.7	0.9661	0.9378	0.9390	0.7336	0.8811	0.9681	0.9751	0.9492
60.8	0.9688	0.9262	0.9190	0.6288	0.8800	0.9630	0.9737	0.9314
60.9	0.9759	0.9558	0.9313	0.5646	0.8867	0.9674	0.9817	0.9527
61.0	0.9739	0.9550	0.9392	0.3784	0.9181	0.9667	0.9802	0.9419
61.1	0.9756	0.9622	0.9460	0.4395	0.8654	0.9758	0.9810	0.9514
61.2	0.9713	0.9599	0.9549	0.4275	0.8339	0.9695	0.9755	0.9486
61.3	0.9653	0.9554	0.9387	0.4518	0.8335	0.9687	0.9738	0.9327
61.4	0.9710	0.9534	0.9323	0.5417	0.8476	0.9709	0.9737	0.9173
61.5	0.9701	0.9521	0.9496	0.7157	0.8551	0.9615	0.9713	0.9039
61.6	0.9672	0.9639	0.9529	0.7833	0.8639	0.9742	0.9778	0.9368
61.7	0.9564	0.9537	0.9372	0.7562	0.8677	0.9678	0.9699	0.9109
61.8	0.9624	0.9584	0.9497	0.8115	0.8427	0.9675	0.9698	0.8995
61.9	0.9669	0.9539	0.9600	0.8869	0.8832	0.9722	0.9734	0.9078
62.0	0.9714	0.9654	0.9694	0.9192	0.8761	0.9719	0.9760	0.9051
62.1	0.9731	0.9693	0.9680	0.9412	0.8483	0.9648	0.9705	0.8911
62.2	0.9700	0.9663	0.9642	0.9378	0.7932	0.9622	0.9691	0.8930
62.3	0.9617	0.9533	0.9586	0.9453	0.8005	0.9577	0.9683	0.8965
62.4	0.9688	0.9478	0.9509	0.9483	0.7784	0.9652	0.9745	0.8821
62.5	0.9753	0.9506	0.9669	0.9587	0.8244	0.9695	0.9779	0.9077
62.6	0.9729	0.9604	0.9652	0.9550	0.8672	0.9688	0.9738	0.9157
62.7	0.9638	0.9527	0.9541	0.9499	0.8177	0.9638	0.9689	0.9066
62.8	0.9758	0.9489	0.9627	0.9664	0.8287	0.9696	0.9743	0.9245
62.9	0.9690	0.9415	0.9545	0.9681	0.8573	0.9695	0.9748	0.9200
63.0	0.9659	0.9400	0.9441	0.9589	0.8087	0.9663	0.9701	0.8834
63.1	0.9695	0.9468	0.9600	0.9647	0.8516	0.9598	0.9688	0.8952
63.2	0.9729	0.9528	0.9617	0.9668	0.8665	0.9690	0.9733	0.9226
63.3	0.9710	0.9567	0.9574	0.9720	0.8439	0.9704	0.9746	0.8991
63.4	0.9713	0.9447	0.9458	0.9628	0.8214	0.9629	0.9733	0.8994
63.5	0.9711	0.9384	0.9490	0.9677	0.8242	0.9634	0.9751	0.9127
63.6	0.9746	0.9354	0.9407	0.9726	0.8855	0.9671	0.9800	0.9325
63.7	0.9773	0.9378	0.9577	0.9801	0.9208	0.9721	0.9804	0.9453
63.8	0.9709	0.9319	0.9701	0.9767	0.9023	0.9703	0.9790	0.9388
63.9	0.9691	0.9365	0.9573	0.9700	0.8804	0.9641	0.9755	0.9183
64.0	0.9768	0.9422	0.9577	0.9775	0.8548	0.9649	0.9766	0.9376
64.1	0.9652	0.9200	0.9413	0.9741	0.8643	0.9604	0.9738	0.9233
64.2	0.9663	0.9334	0.9432	0.9712	0.8502	0.9710	0.9817	0.9074
64.3	0.9737	0.9551	0.9564	0.9786	0.9040	0.9741	0.9820	0.9168
64.4	0.9606	0.9267	0.9484	0.9670	0.8938	0.9720	0.9791	0.8974
64.5	0.9666	0.9325	0.9279	0.9668	0.8744	0.9671	0.9745	0.8904
64.6	0.9694	0.8937	0.8872	0.9715	0.8451	0.9660	0.9793	0.8906
64.7	0.9726	0.9234	0.9114	0.9781	0.8441	0.9630	0.9799	0.8974
64.8	0.9608	0.8810	0.9106	0.9740	0.8578	0.9668	0.9818	0.9027
64.9	0.9603	0.8538	0.9283	0.9691	0.8845	0.9677	0.9789	0.9067
65.0	0.9604	0.7985	0.9256	0.9727	0.8770	0.9611	0.9768	0.9208
65.1	0.9583	0.7089	0.9079	0.9695	0.8177	0.9577	0.9802	0.8901
65.2	0.9561	0.6791	0.9082	0.9663	0.8236	0.9581	0.9769	0.8635
65.3	0.9549	0.6685	0.8992	0.9677	0.8992	0.9587	0.9737	0.8919
65.4	0.9611	0.5883	0.8699	0.9732	0.8287	0.9600	0.9787	0.8992
65.5	0.9635	0.4848	0.8698	0.9742	0.8548	0.9722	0.9820	0.8939
65.6	0.9669	0.3992	0.9013	0.9773	0.8624	0.9665	0.9796	0.9127
65.7	0.9557	0.1455	0.8849	0.9679	0.8907	0.9561	0.9731	0.8734
65.8	0.9562	0.1703	0.8860	0.9729	0.8054	0.9656	0.9817	0.8611
65.9	0.9444	0.1085	0.8578	0.9700	0.8511	0.9629	0.9830	0.8648
66.0	0.9425	0.3162	0.8438	0.9602	0.8715	0.9583	0.9783	0.7857
66.1	0.9402	0.5482	0.8296	0.9620	0.8589	0.9632	0.9743	0.7625
66.2	0.9496	0.5418	0.8170	0.9691	0.7901	0.9631	0.9733	0.7537
66.3	0.9597	0.6692	0.8864	0.9767	0.7871	0.9695	0.9774	0.8262
66.4	0.9533	0.7517	0.8645	0.9758	0.7697	0.9747	0.9716	0.7759
66.5	0.9366	0.7354	0.7593	0.9684	0.8036	0.9696	0.9679	0.7241
66.6	0.9301	0.7640	0.7768	0.9614	0.7185	0.9648	0.9686	0.7025
66.7	0.9203	0.8300	0.8263	0.9597	0.8273	0.9717	0.9707	0.7011
66.8	0.9321	0.8369	0.8367	0.9686	0.8044	0.9745	0.9682	0.6245
66.9	0.9004	0.8494	0.8157	0.9512	0.7254	0.9718	0.9639	0.4978
67.0	0.9189	0.8604	0.7700	0.9568	0.7323	0.9727	0.9743	0.3752
67.1	0.9221	0.8997	0.8051	0.9499	0.6095	0.9700	0.9768	0.3462
67.2	0.9368	0.9279	0.8723	0.9543	0.5805	0.9803	0.9771	0.3149
67.3	0.9115	0.9150	0.7923	0.9362	0.6768	0.9711	0.9672	0.2674
67.4	0.9260	0.9290	0.8175	0.9278	0.5575	0.9721	0.9703	0.1724
67.5	0.9435	0.9429	0.8130	0.9342	0.5549	0.9801	0.9747	0.0790
67.6	0.9173	0.9380	0.8254	0.9055	0.5468	0.9715	0.9555	0.0347
67.7	0.9397	0.9432	0.8545	0.8916	0.5261	0.9750	0.9599	0.0140
67.8	0.9622	0.9605	0.8803	0.9030	0.4635	0.9740	0.9696	0.0546
67.9	0.9594	0.9628	0.8882	0.9024	0.3640	0.9760	0.9693	0.1444
68.0	0.9583	0.9591	0.8749	0.9045	0.3910	0.9754	0.9694	0.1544
68.1	0.9566	0.9549	0.8576	0.9017	0.4217	0.9729	0.9763	0.2166

68.2	0.9609	0.9619	0.8978	0.9136	0.4427	0.9713	0.9722	0.3835
68.3	0.9637	0.9660	0.8934	0.9145	0.1944	0.9735	0.9718	0.5418
68.4	0.9654	0.9693	0.8994	0.9094	0.1321	0.9757	0.9677	0.5701
68.5	0.9557	0.9687	0.9065	0.9006	0.2581	0.9695	0.9673	0.4730
68.6	0.9587	0.9710	0.9047	0.9004	0.2691	0.9711	0.9685	0.4453
68.7	0.9594	0.9682	0.9114	0.9067	0.2562	0.9631	0.9604	0.6246
68.8	0.9483	0.9599	0.8830	0.9081	0.0583	0.9572	0.9545	0.6667
68.9	0.9514	0.9664	0.8920	0.9141	0.1030	0.9612	0.9695	0.7170
69.0	0.9668	0.9797	0.9300	0.9449	0.1762	0.9721	0.9744	0.7864
69.1	0.9711	0.9781	0.9276	0.9458	0.1724	0.9755	0.9690	0.7850
69.2	0.9631	0.9742	0.9178	0.9504	0.2378	0.9707	0.9643	0.7325
69.3	0.9567	0.9635	0.9082	0.9406	0.2705	0.9686	0.9600	0.7243
69.4	0.9571	0.9614	0.9122	0.9377	0.3913	0.9526	0.9585	0.6743
69.5	0.9542	0.9737	0.9237	0.9367	0.3701	0.9496	0.9625	0.7092
69.6	0.9620	0.9756	0.9215	0.9466	0.2236	0.9639	0.9612	0.5454
69.7	0.9673	0.9693	0.9170	0.9537	0.3352	0.9655	0.9574	0.5996
69.8	0.9683	0.9714	0.9224	0.9489	0.4496	0.9655	0.9654	0.6278
69.9	0.9710	0.9732	0.9125	0.9421	0.4527	0.9622	0.9606	0.5770
70.0	0.9697	0.9710	0.9324	0.9462	0.3257	0.9654	0.9667	0.5575
70.1	0.9750	0.9805	0.9372	0.9591	0.3960	0.9752	0.9764	0.6253
70.2	0.9774	0.9766	0.9473	0.9543	0.6064	0.9663	0.9732	0.5060
70.3	0.9779	0.9772	0.9533	0.9598	0.6325	0.9668	0.9708	0.4831
70.4	0.9732	0.9724	0.9478	0.9522	0.6580	0.9665	0.9698	0.5730
70.5	0.9632	0.9673	0.9425	0.9452	0.5630	0.9592	0.9696	0.6467
70.6	0.9666	0.9727	0.9465	0.9455	0.5177	0.9557	0.9690	0.6307
70.7	0.9739	0.9725	0.9464	0.9559	0.5172	0.9611	0.9661	0.6560
70.8	0.9644	0.9682	0.9400	0.9479	0.3705	0.9513	0.9592	0.6119
70.9	0.9681	0.9698	0.9495	0.9502	0.3214	0.9555	0.9684	0.7133
71.0	0.9709	0.9774	0.9568	0.9503	0.4686	0.9511	0.9709	0.8058
71.1	0.9733	0.9779	0.9682	0.9552	0.5834	0.9610	0.9687	0.8109
71.2	0.9704	0.9742	0.9488	0.9519	0.4469	0.9637	0.9622	0.7296
71.3	0.9678	0.9765	0.9623	0.9568	0.4360	0.9590	0.9661	0.7781
71.4	0.9623	0.9715	0.9444	0.9421	0.4154	0.9457	0.9664	0.8282
71.5	0.9733	0.9724	0.9540	0.9530	0.3843	0.9644	0.9751	0.8508
71.6	0.9759	0.9759	0.9613	0.9592	0.4561	0.9650	0.9783	0.8294
71.7	0.9743	0.9764	0.9427	0.9543	0.3217	0.9456	0.9773	0.8661
71.8	0.9658	0.9672	0.9392	0.9542	0.3347	0.9388	0.9684	0.8497
71.9	0.9575	0.9665	0.9421	0.9511	0.3624	0.9363	0.9602	0.7851
72.0	0.9570	0.9593	0.9255	0.9228	0.2105	0.9281	0.9521	0.7610
72.1	0.9613	0.9718	0.9449	0.9457	0.1563	0.9473	0.9700	0.8223
72.2	0.9690	0.9805	0.9621	0.9666	0.1872	0.9594	0.9762	0.9050
72.3	0.9581	0.9754	0.9481	0.9455	0.1465	0.9394	0.9713	0.8853
72.4	0.9556	0.9746	0.9382	0.9485	0.1256	0.9406	0.9688	0.8821
72.5	0.9676	0.9805	0.9485	0.9640	0.2590	0.9613	0.9763	0.8953
72.6	0.9656	0.9743	0.9563	0.9472	0.1447	0.9479	0.9667	0.8823
72.7	0.9545	0.9670	0.9390	0.9258	0.0612	0.9418	0.9581	0.8757
72.8	0.9491	0.9635	0.9265	0.9225	0.0440	0.9355	0.9637	0.9025
72.9	0.9532	0.9692	0.9292	0.9350	0.0857	0.9352	0.9607	0.8964
73.0	0.9507	0.9677	0.9281	0.9444	0.1943	0.9200	0.9640	0.8814
73.1	0.9310	0.9643	0.9150	0.9431	0.0458	0.9080	0.9580	0.8624
73.2	0.9261	0.9584	0.8948	0.9221	0.0312	0.8911	0.9488	0.8581
73.3	0.9491	0.9654	0.9141	0.9333	0.0710	0.9030	0.9685	0.9039
73.4	0.9467	0.9677	0.9221	0.9442	0.0798	0.8899	0.9580	0.9043
73.5	0.9333	0.9602	0.9363	0.9537	0.0847	0.8655	0.9282	0.8611
73.6	0.9448	0.9650	0.9355	0.9622	0.1714	0.9134	0.9463	0.8961
73.7	0.9301	0.9440	0.9044	0.9378	0.1265	0.8765	0.9310	0.8691
73.8	0.9284	0.9304	0.8977	0.9135	0.2135	0.8354	0.9266	0.8663
73.9	0.9174	0.9270	0.9152	0.9121	0.0551	0.8168	0.9171	0.8767
74.0	0.9154	0.9416	0.9219	0.9303	0.0470	0.8593	0.9306	0.8846
74.1	0.8989	0.9480	0.9146	0.9401	0.0373	0.8531	0.9253	0.8913
74.2	0.8967	0.9444	0.9003	0.9448	0.0698	0.8121	0.9328	0.8947
74.3	0.9180	0.9311	0.8773	0.9367	0.1254	0.7865	0.9195	0.8968
74.4	0.9292	0.9402	0.8952	0.9344	0.0631	0.7720	0.9292	0.9158
74.5	0.9079	0.9357	0.8595	0.9275	0.0137	0.7998	0.9330	0.8999
74.6	0.9067	0.9404	0.8834	0.9475	0.0335	0.8507	0.9395	0.9039
74.7	0.9079	0.9366	0.8658	0.9469	0.0153	0.8340	0.9358	0.8832
74.8	0.8877	0.9372	0.8678	0.9413	0.0091	0.8203	0.9202	0.8896
74.9	0.8616	0.9292	0.8646	0.9159	0.0026	0.7648	0.9170	0.8877
75.0	0.8780	0.9339	0.8883	0.9311	0.0036	0.8057	0.9321	0.8864
75.1	0.8572	0.9162	0.9039	0.9049	0.0091	0.7138	0.9174	0.8509
75.2	0.8494	0.9013	0.8466	0.9043	0.0217	0.7375	0.8990	0.8283
75.3	0.8276	0.8976	0.7942	0.9036	0.0965	0.6939	0.8969	0.8182
75.4	0.7897	0.8958	0.8031	0.8976	0.0819	0.6888	0.8962	0.8431
75.5	0.7901	0.8371	0.8010	0.8777	0.0816	0.6051	0.8495	0.7897
75.6	0.8494	0.8871	0.7792	0.9014	0.2004	0.5973	0.8937	0.8267
75.7	0.8493	0.8770	0.8104	0.9013	0.2048	0.6362	0.8866	0.8004
75.8	0.8652	0.9154	0.8027	0.9241	0.1746	0.6921	0.9262	0.8564
75.9	0.8204	0.8631	0.7652	0.9017	0.1295	0.5842	0.8928	0.7795
76.0	0.8154	0.8312	0.7424	0.8802	0.1231	0.4592	0.8635	0.7458
76.1	0.8492	0.8779	0.7660	0.8877	0.1172	0.4943	0.9115	0.8132
76.2	0.8162	0.8836	0.7415	0.8872	0.3101	0.3519	0.9205	0.8450
76.3	0.8617	0.8843	0.7352	0.9100	0.3675	0.4377	0.9271	0.8064
76.4	0.8473	0.8782	0.6869	0.8563	0.2073	0.2831	0.9148	0.8165
76.5	0.8497	0.8745	0.6427	0.8257	0.3342	0.1960	0.9191	0.8280
76.6	0.8826	0.9087	0.6262	0.8443	0.4471	0.2930	0.9305	0.8662
76.7	0.8981	0.9206	0.4968	0.8787	0.4066	0.3028	0.9291	0.8717

76.8	0.8615	0.9151	0.5143	0.8901	0.3857	0.1983	0.9354	0.8702
76.9	0.8467	0.9108	0.5557	0.8887	0.4184	0.3182	0.9361	0.8748
77.0	0.8789	0.9123	0.4654	0.8840	0.4621	0.4563	0.9382	0.8844
77.1	0.8976	0.9242	0.4960	0.8778	0.5768	0.4234	0.9440	0.8982
77.2	0.9120	0.9343	0.4988	0.8804	0.6363	0.4800	0.9484	0.9302
77.3	0.9164	0.9478	0.3220	0.8843	0.6022	0.5409	0.9594	0.9409
77.4	0.9053	0.9533	0.2917	0.8698	0.6045	0.5407	0.9631	0.9279
77.5	0.8771	0.9341	0.1879	0.8283	0.5289	0.4825	0.9431	0.8911
77.6	0.9063	0.9430	0.2048	0.8301	0.5729	0.5709	0.9467	0.9162
77.7	0.9109	0.9489	0.1970	0.8541	0.5135	0.6491	0.9569	0.9404
77.8	0.9043	0.9515	0.2083	0.8748	0.5282	0.5993	0.9578	0.9344
77.9	0.9113	0.9357	0.1223	0.8301	0.5860	0.6018	0.9540	0.9359
78.0	0.9146	0.9198	0.0937	0.7791	0.6147	0.6486	0.9393	0.9170
78.1	0.9172	0.9311	0.0528	0.7829	0.6163	0.6112	0.9445	0.9249
78.2	0.9350	0.9535	0.0467	0.8059	0.7040	0.7060	0.9648	0.9372
78.3	0.9368	0.9473	0.0301	0.7593	0.6337	0.7316	0.9577	0.9381
78.4	0.9509	0.9487	0.0090	0.7707	0.6703	0.7342	0.9574	0.9368
78.5	0.9357	0.9367	0.0104	0.7617	0.6406	0.7358	0.9474	0.9320
78.6	0.9294	0.9391	0.0257	0.7575	0.6525	0.7997	0.9515	0.9378
78.7	0.9354	0.9480	0.1086	0.7555	0.5540	0.8116	0.9655	0.9470
78.8	0.9508	0.9548	0.1695	0.7654	0.6394	0.8089	0.9680	0.9502
78.9	0.9474	0.9572	0.1818	0.7053	0.6761	0.8069	0.9642	0.9512
79.0	0.9290	0.9445	0.0594	0.7285	0.5844	0.8517	0.9551	0.9506
79.1	0.9279	0.9417	0.1162	0.7422	0.6670	0.8253	0.9496	0.9561
79.2	0.9544	0.9630	0.1067	0.8073	0.7058	0.8325	0.9676	0.9570
79.3	0.9405	0.9556	0.1724	0.7802	0.6458	0.8247	0.9606	0.9429
79.4	0.9225	0.9295	0.3158	0.7693	0.6075	0.7560	0.9458	0.9264
79.5	0.9304	0.9393	0.2784	0.8023	0.5760	0.8056	0.9517	0.9293
79.6	0.9526	0.9539	0.4001	0.8575	0.5600	0.8733	0.9605	0.9453
79.7	0.9407	0.9456	0.3127	0.7824	0.4887	0.8301	0.9515	0.9343
79.8	0.9397	0.9557	0.2999	0.7297	0.5465	0.8491	0.9495	0.9440
79.9	0.9460	0.9610	0.4157	0.7661	0.5813	0.8551	0.9464	0.9434
80.0	0.9502	0.9683	0.4287	0.8060	0.4293	0.8840	0.9658	0.9583

2.2.40 Run 4 – IP050 – Accels 25–32

In-plane shaking at 50°. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9351	0.9797	0.9785	0.9779	0.9440	0.9557	0.8858	0.9278
0.1	0.7166	0.8215	0.8197	0.8154	0.7551	0.7631	0.6704	0.7184
0.2	0.0108	0.0090	0.0032	0.0271	0.0006	0.0047	0.0208	0.0032
0.3	0.0259	0.0044	0.0126	0.0035	0.0113	0.0355	0.0238	0.0158
0.4	0.0024	0.0738	0.0352	0.0180	0.0140	0.0254	0.0038	0.0994
0.5	0.0588	0.0700	0.0291	0.0125	0.0103	0.0032	0.0182	0.0129
0.6	0.0199	0.0244	0.0636	0.0292	0.0279	0.0034	0.0528	0.0331
0.7	0.0149	0.0883	0.3555	0.0376	0.0216	0.0303	0.0312	0.0595
0.8	0.0194	0.2891	0.6419	0.0119	0.0089	0.2306	0.0072	0.2097
0.9	0.0852	0.5370	0.5545	0.0009	0.0328	0.4264	0.0044	0.3984
1.0	0.0960	0.6868	0.3751	0.0127	0.0470	0.4028	0.0095	0.4186
1.1	0.0479	0.5408	0.1146	0.0202	0.0192	0.2394	0.0132	0.2269
1.2	0.0964	0.7639	0.3524	0.0090	0.0388	0.3636	0.0266	0.4340
1.3	0.4543	0.9051	0.4785	0.0238	0.1953	0.5037	0.0823	0.6206
1.4	0.6810	0.9216	0.5170	0.0512	0.1758	0.5529	0.3430	0.6950
1.5	0.8280	0.9596	0.4643	0.1391	0.3608	0.7255	0.2959	0.8193
1.6	0.9027	0.9793	0.6591	0.2876	0.7299	0.8605	0.2988	0.8803
1.7	0.9312	0.9736	0.8715	0.4111	0.8493	0.8574	0.7344	0.8642
1.8	0.9590	0.9741	0.9131	0.4663	0.8589	0.8601	0.8100	0.8606
1.9	0.9433	0.9544	0.9244	0.5893	0.8319	0.8117	0.8431	0.8086
2.0	0.9499	0.9366	0.9346	0.6942	0.7563	0.8631	0.9012	0.8609
2.1	0.9124	0.8964	0.9427	0.7567	0.6012	0.9257	0.9240	0.9234
2.2	0.8495	0.8338	0.9164	0.7653	0.6810	0.9685	0.8847	0.9647
2.3	0.4010	0.3883	0.6244	0.3253	0.2941	0.9560	0.4469	0.9269
2.4	0.5990	0.6339	0.8998	0.4912	0.6990	0.9817	0.5851	0.9625
2.5	0.8783	0.9259	0.9621	0.5987	0.9215	0.9867	0.9042	0.9910
2.6	0.9384	0.9832	0.9788	0.5120	0.9766	0.9864	0.9674	0.9896
2.7	0.9320	0.9898	0.9794	0.5096	0.9716	0.9817	0.9719	0.9851
2.8	0.8121	0.9889	0.9694	0.3425	0.9525	0.9585	0.9485	0.9658
2.9	0.7359	0.9957	0.9812	0.3950	0.9690	0.9669	0.9539	0.9710
3.0	0.6101	0.9968	0.9833	0.3472	0.9661	0.9627	0.9494	0.9659
3.1	0.4913	0.9974	0.9838	0.2017	0.9577	0.9510	0.9428	0.9554
3.2	0.7483	0.9983	0.9850	0.0967	0.9570	0.9443	0.9357	0.9516
3.3	0.8818	0.9985	0.9839	0.1033	0.9491	0.9313	0.9285	0.9393
3.4	0.9157	0.9984	0.9835	0.0464	0.9371	0.9193	0.9260	0.9259
3.5	0.9730	0.9992	0.9868	0.0022	0.9475	0.9266	0.9379	0.9342
3.6	0.9773	0.9994	0.9855	0.0374	0.9282	0.8993	0.9118	0.9092
3.7	0.9845	0.9995	0.9869	0.0330	0.9278	0.8989	0.9086	0.9059
3.8	0.9864	0.9993	0.9848	0.0656	0.9177	0.8816	0.8902	0.8870
3.9	0.9897	0.9992	0.9854	0.2504	0.9063	0.8639	0.9020	0.8725
4.0	0.9919	0.9992	0.9877	0.2591	0.9026	0.8554	0.9123	0.8654
4.1	0.9915	0.9990	0.9887	0.2651	0.9045	0.8602	0.9097	0.8689
4.2	0.9917	0.9989	0.9849	0.3113	0.8712	0.8205	0.8966	0.8283
4.3	0.9923	0.9988	0.9834	0.4150	0.8713	0.7966	0.8939	0.8039
4.4	0.9938	0.9988	0.9873	0.4886	0.9095	0.8656	0.9275	0.8705
4.5	0.9953	0.9988	0.9917	0.6008	0.9187	0.8900	0.9462	0.8912
4.6	0.9959	0.9984	0.9900	0.5922	0.8979	0.8485	0.9316	0.8461
4.7	0.9948	0.9976	0.9887	0.5999	0.8964	0.8524	0.9301	0.8481
4.8	0.9952	0.9982	0.9877	0.6339	0.9169	0.8724	0.9326	0.8684
4.9	0.9961	0.9974	0.9822	0.5697	0.8997	0.8183	0.9019	0.8113
5.0	0.9953	0.9967	0.9843	0.6325	0.9164	0.8737	0.9209	0.8674
5.1	0.9956	0.9972	0.9834	0.6744	0.9191	0.8808	0.9203	0.8755
5.2	0.9940	0.9955	0.9793	0.6689	0.9099	0.8732	0.9079	0.8614
5.3	0.9976	0.9953	0.9840	0.7763	0.9478	0.9260	0.9457	0.9141
5.4	0.9979	0.9966	0.9878	0.8149	0.9620	0.9201	0.9619	0.9044
5.5	0.9979	0.9973	0.9902	0.8053	0.9738	0.8856	0.9432	0.8622
5.6	0.9971	0.9960	0.9872	0.7803	0.9652	0.8238	0.9140	0.7925
5.7	0.9966	0.9944	0.9838	0.7681	0.9496	0.7543	0.9101	0.7051
5.8	0.9970	0.9952	0.9882	0.8365	0.9391	0.8265	0.9242	0.7703
5.9	0.9975	0.9932	0.9888	0.8572	0.9520	0.8033	0.9254	0.7228
6.0	0.9963	0.9934	0.9854	0.8371	0.9300	0.7118	0.9054	0.6011
6.1	0.9967	0.9948	0.9882	0.8489	0.9500	0.7937	0.9453	0.7319
6.2	0.9967	0.9949	0.9862	0.8392	0.9556	0.7788	0.9417	0.7230
6.3	0.9957	0.9945	0.9842	0.8561	0.9306	0.7136	0.9466	0.6649
6.4	0.9931	0.9945	0.9900	0.9194	0.9312	0.7455	0.9616	0.6891
6.5	0.9894	0.9954	0.9908	0.9274	0.9324	0.7107	0.9565	0.6522
6.6	0.9866	0.9932	0.9827	0.8740	0.9228	0.6121	0.9611	0.5158
6.7	0.9831	0.9941	0.9823	0.9163	0.9400	0.6542	0.9625	0.5491
6.8	0.9432	0.9945	0.9815	0.9124	0.9470	0.6324	0.9584	0.5215
6.9	0.8627	0.9916	0.9839	0.9297	0.9406	0.5435	0.9474	0.4438
7.0	0.8203	0.9851	0.9858	0.9351	0.9131	0.4879	0.9246	0.5370
7.1	0.7834	0.9502	0.9823	0.9265	0.7743	0.5256	0.7562	0.6600
7.2	0.9026	0.9480	0.9813	0.9377	0.6645	0.5663	0.6448	0.6514
7.3	0.9742	0.9719	0.9903	0.9617	0.6897	0.6801	0.7593	0.7703
7.4	0.9718	0.9172	0.9884	0.9628	0.4493	0.2412	0.6350	0.4923
7.5	0.9874	0.9283	0.9867	0.9665	0.5850	0.1990	0.8192	0.4204
7.6	0.9952	0.9762	0.9822	0.9680	0.6436	0.3882	0.8566	0.4963
7.7	0.9962	0.9852	0.9781	0.9556	0.7047	0.2399	0.8191	0.3393
7.8	0.9964	0.9926	0.9877	0.9734	0.7884	0.2477	0.8386	0.3483
7.9	0.9971	0.9923	0.9830	0.9799	0.8396	0.4772	0.8774	0.5372

8.0	0.9968	0.9922	0.9829	0.9806	0.8385	0.4058	0.8481	0.4409
8.1	0.9972	0.9947	0.9845	0.9816	0.8621	0.3732	0.8813	0.3733
8.2	0.9957	0.9935	0.9789	0.9803	0.8975	0.5536	0.9140	0.5289
8.3	0.9967	0.9929	0.9804	0.9857	0.9451	0.6108	0.9460	0.5292
8.4	0.9946	0.9941	0.9793	0.9833	0.9426	0.5537	0.9293	0.4503
8.5	0.9923	0.9921	0.9700	0.9777	0.9431	0.4626	0.9259	0.3207
8.6	0.9939	0.9946	0.9673	0.9839	0.9585	0.4551	0.9415	0.2895
8.7	0.9947	0.9964	0.9791	0.9871	0.9788	0.4984	0.9701	0.2364
8.8	0.9890	0.9938	0.9775	0.9800	0.9745	0.4622	0.9713	0.1794
8.9	0.9868	0.9905	0.9727	0.9804	0.9786	0.5523	0.9733	0.3813
9.0	0.9704	0.9800	0.9680	0.9590	0.9669	0.5424	0.9515	0.4075
9.1	0.9756	0.9824	0.9510	0.9679	0.9703	0.3075	0.9750	0.2425
9.2	0.9220	0.9364	0.9167	0.9146	0.9127	0.1718	0.9214	0.0077
9.3	0.9092	0.9169	0.9499	0.9064	0.8915	0.4321	0.9008	0.1287
9.4	0.9493	0.9454	0.9786	0.9517	0.9339	0.6688	0.9394	0.4169
9.5	0.9637	0.9549	0.9831	0.9654	0.9442	0.6115	0.9513	0.3431
9.6	0.9711	0.9548	0.9784	0.9739	0.9528	0.4963	0.9662	0.1788
9.7	0.9834	0.9616	0.9822	0.9860	0.9682	0.5006	0.9726	0.1943
9.8	0.9856	0.9630	0.9854	0.9882	0.9632	0.4821	0.9695	0.2187
9.9	0.9910	0.9536	0.9827	0.9930	0.9578	0.4745	0.9686	0.2072
10.0	0.9950	0.9571	0.9833	0.9945	0.9576	0.5005	0.9487	0.2644
10.1	0.9933	0.9266	0.9838	0.9932	0.9431	0.3811	0.9248	0.1608
10.2	0.9962	0.9086	0.9893	0.9948	0.9274	0.4975	0.9218	0.1837
10.3	0.9971	0.8797	0.9873	0.9941	0.8695	0.5616	0.8988	0.3145
10.4	0.9978	0.9026	0.9883	0.9937	0.8173	0.5788	0.8517	0.3311
10.5	0.9960	0.8150	0.9859	0.9915	0.7411	0.6533	0.7370	0.4284
10.6	0.9961	0.6784	0.9812	0.9920	0.6510	0.6867	0.7033	0.4590
10.7	0.9950	0.8100	0.9852	0.9933	0.6633	0.7392	0.7673	0.5292
10.8	0.9947	0.8686	0.9831	0.9903	0.7343	0.7821	0.6483	0.5650
10.9	0.9958	0.9017	0.9741	0.9890	0.5929	0.7276	0.6144	0.5136
11.0	0.9954	0.8877	0.9631	0.9837	0.4420	0.6808	0.6135	0.4162
11.1	0.9961	0.9396	0.9704	0.9907	0.4598	0.7137	0.7159	0.4728
11.2	0.9952	0.9532	0.9670	0.9927	0.3338	0.7170	0.6942	0.5109
11.3	0.9956	0.9648	0.9740	0.9914	0.3759	0.7595	0.7622	0.5562
11.4	0.9964	0.9670	0.9690	0.9900	0.4466	0.7804	0.8385	0.5804
11.5	0.9957	0.9573	0.9563	0.9868	0.4288	0.7745	0.8660	0.5883
11.6	0.9963	0.9621	0.9628	0.9876	0.3595	0.8082	0.9107	0.6608
11.7	0.9963	0.9755	0.9663	0.9897	0.4953	0.8265	0.9213	0.6691
11.8	0.9942	0.9796	0.9677	0.9904	0.4557	0.7927	0.9158	0.6416
11.9	0.9916	0.9772	0.9705	0.9851	0.4162	0.7182	0.8987	0.5168
12.0	0.9924	0.9820	0.9729	0.9861	0.5729	0.7538	0.9082	0.5162
12.1	0.9918	0.9826	0.9608	0.9879	0.5111	0.6876	0.8793	0.4370
12.2	0.9900	0.9842	0.9705	0.9879	0.5072	0.6953	0.8798	0.4854
12.3	0.9866	0.9820	0.9632	0.9834	0.3982	0.7031	0.8531	0.5305
12.4	0.9855	0.9838	0.9651	0.9827	0.4897	0.7449	0.8262	0.5831
12.5	0.9881	0.9868	0.9769	0.9862	0.6937	0.7231	0.8140	0.5307
12.6	0.9829	0.9880	0.9798	0.9867	0.7064	0.7982	0.8619	0.6675
12.7	0.9838	0.9874	0.9813	0.9846	0.7385	0.7861	0.8372	0.6461
12.8	0.9821	0.9868	0.9799	0.9857	0.6913	0.7751	0.8109	0.6438
12.9	0.9754	0.9809	0.9722	0.9804	0.6867	0.7245	0.7247	0.5759
13.0	0.9797	0.9808	0.9848	0.9799	0.7574	0.8227	0.7613	0.7085
13.1	0.9793	0.9836	0.9903	0.9858	0.8129	0.8874	0.7321	0.7855
13.2	0.9708	0.9798	0.9914	0.9817	0.8039	0.8989	0.7268	0.8326
13.3	0.9666	0.9777	0.9925	0.9802	0.8123	0.9237	0.7576	0.8698
13.4	0.9574	0.9788	0.9912	0.9815	0.8208	0.8424	0.7390	0.7150
13.5	0.9643	0.9855	0.9945	0.9861	0.8151	0.8458	0.7280	0.7074
13.6	0.9701	0.9840	0.9938	0.9830	0.8005	0.8357	0.5954	0.6543
13.7	0.9696	0.9821	0.9940	0.9769	0.8755	0.7951	0.3796	0.5580
13.8	0.9791	0.9839	0.9957	0.9763	0.8653	0.8428	0.2103	0.6494
13.9	0.9737	0.9781	0.9929	0.9733	0.8675	0.8822	0.0272	0.7510
14.0	0.9725	0.9795	0.9906	0.9762	0.8540	0.8613	0.0767	0.7348
14.1	0.9820	0.9827	0.9929	0.9777	0.9132	0.8914	0.2164	0.8044
14.2	0.9845	0.9828	0.9932	0.9738	0.9275	0.9088	0.1985	0.8330
14.3	0.9870	0.9800	0.9907	0.9769	0.9162	0.9108	0.4038	0.8363
14.4	0.9790	0.9741	0.9874	0.9726	0.9152	0.8977	0.4713	0.8164
14.5	0.9618	0.9690	0.9839	0.9669	0.9131	0.8877	0.3471	0.8054
14.6	0.9568	0.9640	0.9843	0.9655	0.9047	0.9288	0.4111	0.8768
14.7	0.9497	0.9652	0.9860	0.9666	0.9090	0.9188	0.4536	0.8694
14.8	0.9536	0.9657	0.9840	0.9600	0.9093	0.8937	0.4819	0.8411
14.9	0.9690	0.9634	0.9876	0.9682	0.9169	0.8915	0.6080	0.8461
15.0	0.9669	0.9671	0.9820	0.9623	0.9078	0.8988	0.6910	0.8406
15.1	0.9554	0.9535	0.9703	0.9577	0.8656	0.7239	0.6980	0.6317
15.2	0.9453	0.9388	0.9653	0.9500	0.8742	0.7413	0.6435	0.6242
15.3	0.9304	0.9421	0.9588	0.9434	0.8494	0.7645	0.6011	0.6547
15.4	0.9243	0.9220	0.9280	0.9132	0.8232	0.7466	0.5615	0.6697
15.5	0.9232	0.9220	0.9279	0.9215	0.8275	0.8331	0.5550	0.7781
15.6	0.9100	0.9150	0.9244	0.9222	0.8069	0.8559	0.5463	0.8160
15.7	0.8801	0.8863	0.8762	0.8887	0.7518	0.8078	0.5007	0.7891
15.8	0.9120	0.8773	0.8957	0.8697	0.8295	0.8096	0.4660	0.7834
15.9	0.9563	0.9207	0.9519	0.9168	0.9060	0.9211	0.6999	0.9071
16.0	0.9619	0.9397	0.9630	0.9328	0.9118	0.9330	0.7895	0.9235
16.1	0.9719	0.9429	0.9671	0.9286	0.9013	0.9396	0.8100	0.9310
16.2	0.9680	0.9432	0.9708	0.9287	0.9067	0.9462	0.8893	0.9402
16.3	0.9642	0.9376	0.9733	0.9221	0.9067	0.9455	0.8804	0.9428
16.4	0.9620	0.9386	0.9699	0.9222	0.8890	0.9239	0.8733	0.9223
16.5	0.9456	0.9170	0.9689	0.8947	0.8113	0.8944	0.8073	0.9002

16.6	0.9400	0.9229	0.9672	0.9092	0.8276	0.8767	0.8080	0.8905
16.7	0.9335	0.9235	0.9686	0.9130	0.8433	0.8650	0.7599	0.8868
16.8	0.9397	0.9310	0.9737	0.9223	0.8727	0.8976	0.5766	0.9176
16.9	0.9479	0.9257	0.9773	0.9231	0.8283	0.9164	0.4825	0.9292
17.0	0.9644	0.9292	0.9833	0.9243	0.7327	0.8682	0.6852	0.8733
17.1	0.9791	0.9560	0.9873	0.9447	0.8494	0.7349	0.6926	0.7580
17.2	0.9737	0.9429	0.9862	0.9430	0.8808	0.7504	0.7775	0.8006
17.3	0.9743	0.9446	0.9910	0.9472	0.8241	0.7293	0.8687	0.8002
17.4	0.9821	0.9590	0.9954	0.9538	0.8759	0.8335	0.8737	0.8741
17.5	0.9793	0.9610	0.9959	0.9557	0.8959	0.7326	0.8743	0.8322
17.6	0.9793	0.9609	0.9960	0.9557	0.9304	0.6912	0.8975	0.8392
17.7	0.9832	0.9721	0.9967	0.9667	0.9200	0.7451	0.8790	0.8091
17.8	0.9827	0.9695	0.9963	0.9683	0.9302	0.8623	0.9131	0.8733
17.9	0.9791	0.9650	0.9965	0.9609	0.9270	0.9133	0.8779	0.9191
18.0	0.9805	0.9715	0.9956	0.9667	0.9041	0.9111	0.7937	0.9066
18.1	0.9834	0.9774	0.9956	0.9738	0.9003	0.9168	0.6240	0.9268
18.2	0.9835	0.9773	0.9964	0.9724	0.9032	0.9299	0.4906	0.9488
18.3	0.9872	0.9790	0.9960	0.9720	0.9139	0.9209	0.6743	0.9436
18.4	0.9714	0.9782	0.9960	0.9357	0.9178	0.8897	0.6947	0.9398
18.5	0.9429	0.9786	0.9974	0.7549	0.8961	0.8977	0.6683	0.9493
18.6	0.9706	0.9831	0.9976	0.8648	0.8711	0.9528	0.5954	0.9246
18.7	0.9797	0.9793	0.9972	0.9406	0.7736	0.9492	0.5755	0.9031
18.8	0.9915	0.9879	0.9969	0.9799	0.7821	0.9540	0.7249	0.9206
18.9	0.9926	0.9865	0.9963	0.9851	0.7773	0.9491	0.7664	0.9071
19.0	0.9936	0.9861	0.9969	0.9853	0.7992	0.9348	0.7794	0.9087
19.1	0.9942	0.9907	0.9976	0.9888	0.8696	0.9279	0.7126	0.8996
19.2	0.9924	0.9883	0.9966	0.9842	0.8530	0.9024	0.7349	0.8689
19.3	0.9921	0.9883	0.9966	0.9868	0.8870	0.9239	0.8287	0.9146
19.4	0.9936	0.9880	0.9972	0.9823	0.9103	0.9333	0.7857	0.9367
19.5	0.9915	0.9860	0.9965	0.9809	0.9038	0.9242	0.7209	0.9355
19.6	0.9928	0.9882	0.9965	0.9806	0.9239	0.9339	0.7647	0.9443
19.7	0.9901	0.9841	0.9957	0.9743	0.9154	0.9190	0.7764	0.9378
19.8	0.9896	0.9833	0.9965	0.9742	0.9089	0.9010	0.7592	0.9231
19.9	0.9917	0.9848	0.9966	0.9783	0.9261	0.8943	0.7940	0.9233
20.0	0.9931	0.9855	0.9960	0.9764	0.9181	0.8487	0.7740	0.8981
20.1	0.9933	0.9871	0.9959	0.9776	0.9037	0.7965	0.7159	0.8722
20.2	0.9913	0.9798	0.9940	0.9605	0.9004	0.7456	0.6516	0.8667
20.3	0.9917	0.9776	0.9944	0.9626	0.9014	0.7519	0.5973	0.8565
20.4	0.9903	0.9726	0.9924	0.9530	0.8859	0.6443	0.5332	0.8127
20.5	0.9910	0.9725	0.9906	0.9326	0.8859	0.5628	0.4225	0.8058
20.6	0.9872	0.9624	0.9882	0.8979	0.8589	0.4223	0.3124	0.7412
20.7	0.9862	0.9651	0.9908	0.8950	0.8812	0.3304	0.4365	0.7034
20.8	0.9861	0.9656	0.9921	0.8537	0.9022	0.1350	0.3734	0.5657
20.9	0.9792	0.9531	0.9841	0.7451	0.8531	0.0590	0.0249	0.4080
21.0	0.9777	0.9280	0.9842	0.6476	0.7717	0.0870	0.0089	0.4858
21.1	0.9744	0.9212	0.9776	0.5474	0.7888	0.0698	0.0769	0.3903
21.2	0.9814	0.9186	0.9747	0.3304	0.8193	0.1579	0.0480	0.4617
21.3	0.9865	0.9238	0.9694	0.2168	0.8414	0.3319	0.0617	0.6011
21.4	0.9857	0.9367	0.9753	0.3272	0.8405	0.2556	0.1997	0.5572
21.5	0.9776	0.9239	0.9756	0.3083	0.8055	0.2682	0.2810	0.5208
21.6	0.9828	0.9222	0.9739	0.5504	0.7881	0.3351	0.3901	0.4236
21.7	0.9848	0.9340	0.9792	0.6389	0.7952	0.2279	0.3835	0.3222
21.8	0.9795	0.9267	0.9686	0.6689	0.7307	0.2071	0.3916	0.2791
21.9	0.9775	0.9229	0.9503	0.7034	0.6853	0.3224	0.4392	0.3159
22.0	0.9772	0.9404	0.9453	0.7011	0.7679	0.4745	0.5546	0.5332
22.1	0.9775	0.9412	0.9588	0.7728	0.8073	0.4301	0.6173	0.6629
22.2	0.9836	0.9508	0.9658	0.7823	0.8495	0.5391	0.7283	0.7850
22.3	0.9832	0.9426	0.9571	0.7099	0.8751	0.4899	0.7792	0.7511
22.4	0.9762	0.9277	0.9523	0.5520	0.8697	0.3606	0.7266	0.7270
22.5	0.9847	0.9398	0.9675	0.5329	0.8933	0.4293	0.7881	0.7780
22.6	0.9816	0.9090	0.9594	0.5583	0.8143	0.3114	0.8052	0.7458
22.7	0.9789	0.8632	0.9555	0.4072	0.7614	0.2370	0.8289	0.6662
22.8	0.9832	0.8883	0.9638	0.3862	0.7461	0.3104	0.8808	0.7146
22.9	0.9855	0.8763	0.9574	0.4471	0.6937	0.2445	0.8629	0.7020
23.0	0.9849	0.8805	0.9700	0.6648	0.7943	0.1102	0.7771	0.6554
23.1	0.9873	0.8747	0.9671	0.7281	0.8339	0.0009	0.7329	0.5798
23.2	0.9893	0.8605	0.9754	0.8088	0.8388	0.0206	0.7306	0.5732
23.3	0.9871	0.8238	0.9704	0.8128	0.7808	0.1019	0.6929	0.5337
23.4	0.9893	0.8440	0.9651	0.7709	0.7441	0.0968	0.6545	0.4926
23.5	0.9899	0.8224	0.9679	0.7282	0.7441	0.2048	0.6615	0.3390
23.6	0.9875	0.7677	0.9666	0.6805	0.7790	0.3798	0.6790	0.2666
23.7	0.9862	0.7703	0.9726	0.7212	0.7820	0.3850	0.7463	0.4469
23.8	0.9867	0.8017	0.9761	0.7327	0.7064	0.3990	0.6639	0.3074
23.9	0.9850	0.8362	0.9708	0.6315	0.6543	0.4521	0.7145	0.2318
24.0	0.9845	0.8369	0.9721	0.6265	0.6025	0.5553	0.7409	0.2372
24.1	0.9817	0.8158	0.9677	0.6616	0.5877	0.5026	0.6578	0.1472
24.2	0.9825	0.8065	0.9577	0.6716	0.6458	0.5586	0.6292	0.1580
24.3	0.9787	0.7201	0.9561	0.5396	0.5404	0.5762	0.6558	0.2978
24.4	0.9749	0.6522	0.9561	0.4847	0.3738	0.4169	0.6899	0.4565
24.5	0.9769	0.7439	0.9573	0.6511	0.4687	0.4503	0.7554	0.5461
24.6	0.9785	0.7094	0.9549	0.6816	0.5297	0.5554	0.7208	0.3357
24.7	0.9802	0.7501	0.9375	0.8120	0.5820	0.6639	0.7259	0.3858
24.8	0.9836	0.7977	0.9590	0.8718	0.6706	0.7194	0.7856	0.5197
24.9	0.9842	0.7214	0.9493	0.8362	0.6281	0.5956	0.6885	0.3511
25.0	0.9859	0.7449	0.9487	0.8548	0.6174	0.5605	0.6757	0.3658
25.1	0.9815	0.7043	0.9242	0.8164	0.5391	0.5539	0.5982	0.3216

25.2	0.9760	0.6468	0.8949	0.8151	0.4211	0.5473	0.6161	0.3159
25.3	0.9762	0.6349	0.9105	0.7975	0.4172	0.4708	0.5869	0.2441
25.4	0.9779	0.7068	0.8885	0.8053	0.3032	0.3726	0.6327	0.2909
25.5	0.9772	0.7127	0.8623	0.8367	0.3564	0.4313	0.5726	0.1478
25.6	0.9772	0.6785	0.8780	0.8637	0.4151	0.6235	0.4841	0.0703
25.7	0.9704	0.6228	0.8228	0.8451	0.2714	0.5121	0.2325	0.0601
25.8	0.9739	0.6821	0.8109	0.8643	0.3871	0.6277	0.4430	0.2427
25.9	0.9772	0.6719	0.8633	0.8757	0.3850	0.6850	0.6397	0.4672
26.0	0.9797	0.6681	0.8599	0.8391	0.4307	0.6934	0.6594	0.4772
26.1	0.9757	0.6837	0.8283	0.8679	0.5221	0.7175	0.6217	0.3468
26.2	0.9572	0.5764	0.7720	0.7950	0.4658	0.6270	0.5598	0.2805
26.3	0.9492	0.5431	0.8077	0.6860	0.1969	0.5034	0.5547	0.3427
26.4	0.9600	0.5447	0.8458	0.5958	0.1658	0.5019	0.5527	0.3201
26.5	0.9697	0.5175	0.8531	0.6074	0.1093	0.5547	0.5485	0.3341
26.6	0.9732	0.5663	0.8912	0.6869	0.0168	0.5534	0.5994	0.3839
26.7	0.9599	0.5976	0.9107	0.6909	0.0648	0.5563	0.5911	0.4267
26.8	0.9552	0.6764	0.9394	0.6945	0.0186	0.4401	0.5830	0.4577
26.9	0.9579	0.5532	0.9477	0.6645	0.0541	0.4285	0.5066	0.4191
27.0	0.9427	0.4919	0.9445	0.5830	0.0827	0.4810	0.5184	0.3349
27.1	0.9454	0.5279	0.9497	0.5454	0.0974	0.4027	0.4691	0.3647
27.2	0.9413	0.5951	0.9556	0.4299	0.1495	0.4384	0.4634	0.3430
27.3	0.9407	0.5880	0.9611	0.4175	0.2489	0.4381	0.5514	0.2958
27.4	0.9529	0.7009	0.9537	0.5857	0.1270	0.3017	0.5199	0.3750
27.5	0.9384	0.7245	0.9365	0.6139	0.0743	0.3087	0.4722	0.4970
27.6	0.9176	0.7482	0.9217	0.4959	0.1178	0.2082	0.3864	0.3931
27.7	0.9344	0.8041	0.9236	0.3017	0.0920	0.1175	0.3242	0.3868
27.8	0.9341	0.8384	0.8949	0.2874	0.0682	0.1954	0.3869	0.2223
27.9	0.9169	0.8390	0.8736	0.2581	0.0651	0.1584	0.3355	0.1470
28.0	0.8893	0.8371	0.8187	0.2581	0.0238	0.0673	0.1623	0.0707
28.1	0.9232	0.9098	0.8570	0.5217	0.0483	0.1690	0.2142	0.0115
28.2	0.8912	0.8888	0.7508	0.5727	0.0398	0.1734	0.1965	0.0295
28.3	0.8442	0.8767	0.5937	0.5832	0.0886	0.0181	0.0610	0.0442
28.4	0.8797	0.8824	0.5957	0.4712	0.1778	0.0141	0.0718	0.0160
28.5	0.8280	0.9126	0.6276	0.3790	0.1071	0.0258	0.0420	0.0093
28.6	0.8478	0.9058	0.6272	0.4640	0.1333	0.0436	0.0792	0.0539
28.7	0.8116	0.9153	0.5585	0.3542	0.0788	0.0052	0.0192	0.0568
28.8	0.7026	0.9160	0.5865	0.3515	0.1011	0.0068	0.0113	0.0696
28.9	0.7028	0.9140	0.6762	0.3571	0.1700	0.0544	0.0949	0.0276
29.0	0.5562	0.9243	0.7148	0.4306	0.0704	0.0216	0.1110	0.1074
29.1	0.4248	0.9027	0.6502	0.5315	0.0871	0.0084	0.1034	0.2378
29.2	0.2625	0.8951	0.7038	0.4750	0.1490	0.0440	0.0951	0.1173
29.3	0.1293	0.9229	0.7533	0.5185	0.1465	0.0108	0.0617	0.0932
29.4	0.0230	0.9153	0.6971	0.5970	0.1007	0.0114	0.1001	0.1135
29.5	0.1026	0.9187	0.8270	0.6562	0.1184	0.0065	0.1380	0.1860
29.6	0.1188	0.9176	0.8190	0.6053	0.2037	0.0939	0.1747	0.2387
29.7	0.0935	0.9116	0.7526	0.5587	0.1722	0.0017	0.2400	0.0854
29.8	0.1132	0.9294	0.8235	0.6132	0.2768	0.0024	0.2993	0.0819
29.9	0.1293	0.8914	0.8331	0.4781	0.0873	0.0575	0.0856	0.1765
30.0	0.2328	0.9134	0.8494	0.5342	0.0551	0.1154	0.0531	0.1462
30.1	0.4447	0.9279	0.8508	0.7382	0.1463	0.0766	0.1191	0.1353
30.2	0.4671	0.9414	0.8499	0.7215	0.1276	0.0945	0.2083	0.0361
30.3	0.4675	0.9380	0.8210	0.6959	0.2110	0.1973	0.2663	0.0052
30.4	0.4526	0.9147	0.8044	0.6846	0.1802	0.3179	0.0883	0.0000
30.5	0.5504	0.9208	0.8649	0.7593	0.1111	0.2363	0.1792	0.0171
30.6	0.5967	0.9143	0.8485	0.7768	0.1219	0.3075	0.1787	0.0244
30.7	0.6527	0.8985	0.8482	0.7461	0.1041	0.3521	0.1100	0.0335
30.8	0.7193	0.9275	0.8742	0.7988	0.1556	0.4992	0.1979	0.1039
30.9	0.6617	0.9386	0.7925	0.8079	0.1783	0.5007	0.1385	0.0477
31.0	0.7031	0.9410	0.7746	0.8048	0.1261	0.5134	0.0572	0.0136
31.1	0.7800	0.9422	0.8344	0.8081	0.1549	0.4595	0.1327	0.0822
31.2	0.8061	0.9330	0.8655	0.7703	0.2243	0.5553	0.1908	0.1978
31.3	0.8033	0.9136	0.8297	0.7575	0.2473	0.6061	0.0498	0.1420
31.4	0.8228	0.9018	0.8161	0.7675	0.2063	0.6228	0.0158	0.1402
31.5	0.8671	0.9245	0.8239	0.8123	0.1637	0.7129	0.0089	0.1443
31.6	0.9031	0.9463	0.8169	0.8353	0.1832	0.7607	0.0176	0.1147
31.7	0.9214	0.9362	0.8378	0.8112	0.2015	0.6925	0.0598	0.0749
31.8	0.9104	0.9451	0.8751	0.8599	0.3676	0.7149	0.1360	0.3188
31.9	0.8581	0.9388	0.7997	0.8271	0.4377	0.7295	0.1514	0.3298
32.0	0.8677	0.9288	0.7322	0.8099	0.3556	0.6333	0.1936	0.3029
32.1	0.8968	0.9468	0.8041	0.8540	0.3518	0.6441	0.1691	0.3493
32.2	0.9183	0.9539	0.8291	0.8614	0.4162	0.7475	0.1491	0.4360
32.3	0.9239	0.9608	0.8502	0.8869	0.4567	0.7296	0.1302	0.4928
32.4	0.9152	0.9656	0.8558	0.9229	0.4795	0.6100	0.0757	0.5787
32.5	0.9191	0.9724	0.8841	0.9332	0.4879	0.5054	0.1761	0.5792
32.6	0.9383	0.9733	0.8752	0.9035	0.3678	0.4914	0.1648	0.5022
32.7	0.9472	0.9791	0.9004	0.9295	0.4391	0.5041	0.2422	0.5951
32.8	0.9478	0.9762	0.8917	0.9228	0.4866	0.4234	0.3267	0.6277
32.9	0.9335	0.9647	0.8587	0.8940	0.4723	0.3827	0.2416	0.5658
33.0	0.9424	0.9765	0.8782	0.9134	0.5618	0.5033	0.3921	0.6606
33.1	0.9622	0.9835	0.8986	0.9382	0.5189	0.5168	0.4362	0.6934
33.2	0.9654	0.9845	0.9362	0.9653	0.6642	0.5709	0.5511	0.8029
33.3	0.9731	0.9878	0.9620	0.9674	0.7393	0.7078	0.5715	0.8640
33.4	0.9613	0.9805	0.9472	0.9496	0.5861	0.7352	0.4723	0.8140
33.5	0.9622	0.9777	0.9435	0.9456	0.6396	0.7547	0.4643	0.8662
33.6	0.9667	0.9837	0.9565	0.9579	0.6312	0.8117	0.5724	0.8855
33.7	0.9620	0.9804	0.9583	0.9645	0.6044	0.8019	0.6973	0.8574

33.8	0.9629	0.9758	0.9468	0.9610	0.5627	0.8169	0.7477	0.8599
33.9	0.9597	0.9743	0.9547	0.9544	0.3068	0.8553	0.7160	0.7880
34.0	0.9548	0.9744	0.9641	0.9636	0.3869	0.8457	0.8231	0.8328
34.1	0.9468	0.9683	0.9696	0.9542	0.5653	0.8679	0.8175	0.8335
34.2	0.9313	0.9480	0.9460	0.9308	0.5803	0.8662	0.7768	0.8362
34.3	0.9246	0.9448	0.9375	0.9353	0.6276	0.8558	0.7567	0.8506
34.4	0.9233	0.9399	0.9407	0.9329	0.6930	0.8585	0.7315	0.8587
34.5	0.9180	0.9357	0.9428	0.9254	0.6555	0.8163	0.6619	0.8678
34.6	0.9286	0.9459	0.9572	0.9352	0.7429	0.7877	0.6336	0.8973
34.7	0.9530	0.9712	0.9704	0.9623	0.7758	0.7940	0.5829	0.9262
34.8	0.9260	0.9543	0.9658	0.9407	0.6944	0.6987	0.5009	0.8904
34.9	0.9505	0.9738	0.9803	0.9563	0.6599	0.7271	0.5721	0.9203
35.0	0.9371	0.9741	0.9731	0.9578	0.6593	0.6739	0.3700	0.8829
35.1	0.8778	0.9579	0.9550	0.9311	0.5661	0.5580	0.2014	0.8458
35.2	0.9052	0.9486	0.9504	0.9077	0.4468	0.5719	0.1943	0.8149
35.3	0.8974	0.9240	0.9309	0.8407	0.2289	0.5436	0.1010	0.6964
35.4	0.8761	0.8817	0.9168	0.7526	0.2155	0.4653	0.0789	0.6671
35.5	0.8508	0.8159	0.8893	0.6209	0.1578	0.4064	0.1329	0.6607
35.6	0.7649	0.6943	0.8628	0.5679	0.0611	0.3782	0.0497	0.4679
35.7	0.5669	0.6032	0.7555	0.5738	0.0389	0.2158	0.0106	0.3226
35.8	0.4153	0.4519	0.5913	0.5142	0.0256	0.1367	0.0580	0.2957
35.9	0.5731	0.5042	0.6124	0.6913	0.0188	0.2947	0.0346	0.3443
36.0	0.5257	0.3494	0.5354	0.6760	0.0860	0.2488	0.0538	0.3680
36.1	0.7000	0.4437	0.6049	0.7881	0.0915	0.2046	0.0033	0.2662
36.2	0.7924	0.5282	0.6816	0.8367	0.0789	0.3260	0.0200	0.0594
36.3	0.7565	0.4611	0.6528	0.8154	0.0703	0.3549	0.0866	0.1029
36.4	0.7744	0.6398	0.7518	0.8437	0.1221	0.3182	0.1314	0.1239
36.5	0.8414	0.7613	0.8272	0.8924	0.1462	0.3924	0.2335	0.1496
36.6	0.8347	0.7805	0.7657	0.8698	0.0592	0.3408	0.1971	0.0941
36.7	0.8939	0.8597	0.8551	0.9071	0.1211	0.4257	0.2823	0.0743
36.8	0.9171	0.8575	0.8953	0.9224	0.1282	0.5372	0.3817	0.0862
36.9	0.9208	0.8577	0.8703	0.9319	0.0364	0.4216	0.3816	0.1309
37.0	0.9128	0.8601	0.8551	0.9394	0.1446	0.3956	0.4110	0.1150
37.1	0.9308	0.9089	0.8979	0.9471	0.3340	0.2539	0.4122	0.0236
37.2	0.9408	0.9169	0.9175	0.9450	0.2801	0.3252	0.3931	0.1507
37.3	0.9342	0.8858	0.8930	0.9396	0.2633	0.2236	0.3959	0.3140
37.4	0.9180	0.8740	0.8941	0.9368	0.1396	0.1184	0.2667	0.2852
37.5	0.9378	0.9060	0.9190	0.9564	0.1965	0.3185	0.2330	0.3720
37.6	0.9536	0.9289	0.9367	0.9717	0.2044	0.4326	0.3799	0.4171
37.7	0.9508	0.9248	0.9144	0.9716	0.1140	0.3623	0.2811	0.4000
37.8	0.9444	0.8930	0.9098	0.9557	0.1407	0.2574	0.1944	0.3941
37.9	0.9474	0.9156	0.8951	0.9517	0.1665	0.2926	0.1652	0.4634
38.0	0.9466	0.8988	0.8811	0.9548	0.1595	0.3486	0.2011	0.5482
38.1	0.9476	0.9008	0.8825	0.9571	0.1990	0.4751	0.2750	0.5672
38.2	0.9542	0.9178	0.8779	0.9582	0.2059	0.4236	0.3744	0.6358
38.3	0.9577	0.9373	0.8851	0.9647	0.1647	0.3962	0.4038	0.5931
38.4	0.9606	0.9412	0.8721	0.9676	0.2172	0.2960	0.4573	0.6190
38.5	0.9478	0.9280	0.8215	0.9591	0.1738	0.3231	0.4839	0.6295
38.6	0.9673	0.9541	0.8455	0.9633	0.1835	0.5352	0.6817	0.7661
38.7	0.9630	0.9533	0.8461	0.9564	0.2989	0.6144	0.7664	0.7405
38.8	0.9497	0.9536	0.8155	0.9530	0.3236	0.5633	0.6786	0.6945
38.9	0.9370	0.9400	0.7006	0.9304	0.2464	0.6513	0.5654	0.5798
39.0	0.9504	0.9599	0.6708	0.9343	0.3021	0.7285	0.6152	0.5466
39.1	0.9553	0.9555	0.7116	0.9461	0.3454	0.7471	0.6423	0.5437
39.2	0.9517	0.9520	0.7092	0.9450	0.3863	0.8151	0.5901	0.5948
39.3	0.9382	0.9558	0.6823	0.9401	0.4208	0.8277	0.6414	0.6138
39.4	0.9401	0.9660	0.7017	0.9507	0.4448	0.8297	0.6141	0.5412
39.5	0.9273	0.9632	0.6423	0.9325	0.4729	0.8663	0.6396	0.5487
39.6	0.9455	0.9721	0.5873	0.9436	0.6009	0.8904	0.7076	0.6308
39.7	0.9537	0.9750	0.5746	0.9490	0.6074	0.9106	0.7097	0.6217
39.8	0.9646	0.9799	0.4704	0.9554	0.5627	0.9152	0.7122	0.6570
39.9	0.9681	0.9865	0.4243	0.9587	0.5604	0.9076	0.7139	0.7296
40.0	0.9513	0.9822	0.4688	0.9543	0.5906	0.9165	0.7201	0.6907
40.1	0.9505	0.9786	0.5621	0.9543	0.5537	0.8952	0.6943	0.7067
40.2	0.9438	0.9767	0.4301	0.9353	0.5381	0.8715	0.5619	0.6380
40.3	0.9486	0.9777	0.4016	0.9303	0.5742	0.8919	0.5600	0.5219
40.4	0.9453	0.9826	0.2758	0.9104	0.5719	0.8880	0.5568	0.5720
40.5	0.9441	0.9832	0.3239	0.8988	0.5847	0.8647	0.4937	0.6068
40.6	0.9575	0.9810	0.3177	0.9039	0.4637	0.8960	0.4928	0.5721
40.7	0.9632	0.9800	0.2807	0.9174	0.3591	0.9223	0.5006	0.6933
40.8	0.9683	0.9840	0.3691	0.9127	0.3288	0.9004	0.5360	0.6897
40.9	0.9729	0.9842	0.3907	0.9118	0.3497	0.8783	0.5250	0.6376
41.0	0.9591	0.9707	0.3056	0.8809	0.4577	0.8417	0.4958	0.5561
41.1	0.9317	0.9627	0.2603	0.8408	0.3074	0.8505	0.4617	0.4900
41.2	0.9283	0.9679	0.2254	0.8814	0.2354	0.8374	0.5044	0.5797
41.3	0.9141	0.9677	0.0331	0.8722	0.2286	0.8033	0.5544	0.6639
41.4	0.9199	0.9637	0.0259	0.8684	0.1768	0.7531	0.4321	0.5551
41.5	0.9043	0.9538	0.0595	0.8257	0.2117	0.7998	0.3996	0.5916
41.6	0.8704	0.9386	0.0725	0.7599	0.1836	0.7543	0.3110	0.5922
41.7	0.8661	0.9312	0.1075	0.7277	0.2520	0.7455	0.2832	0.5340
41.8	0.8625	0.9424	0.0825	0.7780	0.1560	0.8177	0.3100	0.5824
41.9	0.9152	0.9508	0.2012	0.7785	0.2961	0.8415	0.3190	0.5060
42.0	0.8747	0.9325	0.1545	0.6937	0.2167	0.8288	0.2832	0.3893
42.1	0.8814	0.9130	0.0948	0.6959	0.1027	0.7890	0.2049	0.4584
42.2	0.8936	0.9223	0.1251	0.7516	0.0323	0.8045	0.1897	0.4422
42.3	0.8578	0.9113	0.0620	0.7221	0.0688	0.8401	0.2514	0.5017

42.4	0.8423	0.8810	0.0362	0.6215	0.0958	0.8325	0.2731	0.5131
42.5	0.8514	0.9109	0.0340	0.6771	0.2229	0.8660	0.4122	0.6261
42.6	0.8590	0.9187	0.0598	0.6441	0.3688	0.8952	0.5051	0.6693
42.7	0.8738	0.9232	0.0396	0.6442	0.2934	0.8739	0.3272	0.5156
42.8	0.9033	0.9245	0.0614	0.6089	0.3235	0.8748	0.2115	0.3765
42.9	0.8974	0.8992	0.0698	0.5720	0.2394	0.8476	0.1956	0.3054
43.0	0.9380	0.9313	0.1181	0.6939	0.3421	0.8714	0.2154	0.4789
43.1	0.9224	0.9432	0.0988	0.7060	0.3496	0.8870	0.2378	0.5451
43.2	0.7694	0.9425	0.0353	0.6745	0.3966	0.9006	0.2413	0.4967
43.3	0.8145	0.9505	0.0016	0.6481	0.4838	0.9029	0.2244	0.4730
43.4	0.9625	0.9582	0.1424	0.6041	0.6053	0.9158	0.2756	0.5028
43.5	0.9718	0.9503	0.2024	0.5948	0.5650	0.9064	0.1604	0.3599
43.6	0.9702	0.9445	0.2898	0.6484	0.5517	0.8891	0.0931	0.3531
43.7	0.9519	0.9465	0.3145	0.5820	0.5856	0.8978	0.1920	0.4153
43.8	0.9524	0.9477	0.1359	0.5306	0.4977	0.8945	0.1021	0.3424
43.9	0.9628	0.9506	0.1178	0.5963	0.5239	0.8671	0.0888	0.4052
44.0	0.9726	0.9598	0.1511	0.6343	0.5700	0.8265	0.0807	0.4438
44.1	0.9674	0.9649	0.2778	0.6760	0.5542	0.8587	0.0808	0.3799
44.2	0.9744	0.9587	0.5668	0.6472	0.5121	0.8522	0.1586	0.4286
44.3	0.9669	0.9660	0.6572	0.6982	0.6070	0.8629	0.3128	0.5895
44.4	0.9430	0.9668	0.4965	0.6693	0.5223	0.8785	0.2354	0.5585
44.5	0.9583	0.9765	0.3055	0.7253	0.5088	0.9098	0.3058	0.5915
44.6	0.9613	0.9697	0.2738	0.6048	0.4391	0.8782	0.1712	0.5334
44.7	0.9597	0.9640	0.2720	0.5148	0.3166	0.8622	0.1962	0.4603
44.8	0.9425	0.9676	0.4213	0.4840	0.3373	0.8544	0.2642	0.5587
44.9	0.9581	0.9667	0.7093	0.4703	0.3543	0.8280	0.2405	0.5102
45.0	0.9642	0.9670	0.7898	0.5904	0.3681	0.8263	0.3958	0.4256
45.1	0.9610	0.9676	0.7767	0.5806	0.4106	0.8624	0.4800	0.5865
45.2	0.9473	0.9746	0.7860	0.4926	0.3770	0.8536	0.4742	0.6651
45.3	0.9523	0.9755	0.7080	0.5309	0.2715	0.8612	0.5390	0.6225
45.4	0.9518	0.9720	0.5232	0.5377	0.1351	0.8632	0.6204	0.5519
45.5	0.9664	0.9724	0.5982	0.4459	0.2355	0.8146	0.6036	0.5227
45.6	0.9685	0.9746	0.6708	0.3591	0.4144	0.7822	0.6497	0.6220
45.7	0.9500	0.9693	0.6737	0.3362	0.4241	0.8290	0.6292	0.5071
45.8	0.9474	0.9778	0.7711	0.4015	0.5201	0.8184	0.6937	0.5400
45.9	0.9659	0.9800	0.8470	0.2779	0.6976	0.8452	0.7309	0.7009
46.0	0.9686	0.9818	0.7805	0.1948	0.7014	0.8499	0.7395	0.7395
46.1	0.9624	0.9748	0.7687	0.0990	0.5508	0.8507	0.7342	0.6430
46.2	0.9286	0.9710	0.6422	0.0358	0.3789	0.8090	0.7533	0.5959
46.3	0.9537	0.9846	0.7351	0.1291	0.6060	0.8444	0.8036	0.6781
46.4	0.9781	0.9883	0.8194	0.0876	0.7119	0.8821	0.8716	0.7071
46.5	0.9713	0.9853	0.7846	0.0065	0.4920	0.7716	0.8078	0.6545
46.6	0.9589	0.9775	0.6514	0.0722	0.4406	0.5616	0.7632	0.6467
46.7	0.9604	0.9794	0.5068	0.0872	0.5644	0.3565	0.8154	0.7302
46.8	0.9657	0.9777	0.4381	0.0570	0.6238	0.3555	0.8326	0.7735
46.9	0.9732	0.9843	0.5919	0.1072	0.6556	0.3923	0.8552	0.7565
47.0	0.9438	0.9829	0.5218	0.0536	0.6940	0.3349	0.8513	0.7146
47.1	0.9193	0.9824	0.3790	0.1753	0.6869	0.2553	0.7825	0.7437
47.2	0.9650	0.9835	0.1094	0.3289	0.7123	0.4338	0.6911	0.7598
47.3	0.9780	0.9831	0.2057	0.3178	0.6683	0.2337	0.5406	0.7264
47.4	0.9796	0.9824	0.3037	0.2244	0.6627	0.2208	0.4371	0.6928
47.5	0.9718	0.9822	0.3675	0.1233	0.7197	0.2734	0.4363	0.6833
47.6	0.9597	0.9817	0.6222	0.0775	0.7917	0.3392	0.4658	0.7236
47.7	0.9697	0.9811	0.6880	0.2140	0.8540	0.4171	0.3540	0.7615
47.8	0.9370	0.9780	0.4890	0.3344	0.7277	0.5081	0.2243	0.6407
47.9	0.9262	0.9800	0.2544	0.3465	0.6936	0.5915	0.1059	0.6402
48.0	0.9513	0.9802	0.5691	0.2949	0.7259	0.5299	0.0398	0.7370
48.1	0.9600	0.9855	0.5010	0.4400	0.6956	0.6447	0.1604	0.7440
48.2	0.9742	0.9852	0.3997	0.4462	0.7307	0.5591	0.2308	0.7279
48.3	0.9628	0.9858	0.3434	0.4691	0.7042	0.6270	0.3996	0.7582
48.4	0.9648	0.9874	0.3261	0.4045	0.7211	0.7467	0.2850	0.7355
48.5	0.9622	0.9779	0.4604	0.2911	0.6661	0.7464	0.1965	0.5897
48.6	0.9679	0.9802	0.5670	0.3141	0.6547	0.7858	0.2832	0.5339
48.7	0.9743	0.9843	0.6728	0.4310	0.6289	0.7991	0.5189	0.6202
48.8	0.9664	0.9806	0.6271	0.4702	0.7216	0.7368	0.5076	0.6807
48.9	0.9580	0.9841	0.5507	0.4847	0.7784	0.8337	0.3033	0.7122
49.0	0.9547	0.9841	0.3680	0.4920	0.7650	0.8925	0.2529	0.6544
49.1	0.9679	0.9866	0.3894	0.5296	0.8022	0.9135	0.3147	0.6650
49.2	0.9631	0.9871	0.6047	0.5415	0.8116	0.9238	0.4159	0.6941
49.3	0.9751	0.9868	0.8276	0.4028	0.8564	0.9238	0.4413	0.7710
49.4	0.9663	0.9866	0.7399	0.3155	0.8506	0.9330	0.3429	0.7546
49.5	0.9744	0.9864	0.7202	0.5762	0.8728	0.9417	0.3693	0.8071
49.6	0.9690	0.9874	0.7819	0.6737	0.8779	0.9468	0.3786	0.8304
49.7	0.9609	0.9829	0.7547	0.6068	0.8666	0.9382	0.3151	0.8046
49.8	0.9648	0.9831	0.8411	0.6232	0.8896	0.9137	0.2248	0.7480
49.9	0.9558	0.9827	0.8102	0.6929	0.9017	0.9096	0.1448	0.7526
50.0	0.9703	0.9748	0.7844	0.6328	0.8754	0.9109	0.2124	0.7882
50.1	0.9692	0.9788	0.8235	0.5763	0.8421	0.9156	0.1833	0.7843
50.2	0.9709	0.9837	0.8605	0.6791	0.8767	0.9105	0.1042	0.7995
50.3	0.9736	0.9814	0.8070	0.7604	0.8723	0.9104	0.1411	0.8067
50.4	0.9712	0.9794	0.7411	0.7294	0.8795	0.9230	0.2468	0.8008
50.5	0.9756	0.9827	0.8245	0.7926	0.8612	0.9298	0.1778	0.7848
50.6	0.9601	0.9815	0.7821	0.7289	0.7501	0.9217	0.2733	0.7846
50.7	0.9501	0.9831	0.8300	0.7297	0.7786	0.9119	0.3721	0.8168
50.8	0.9533	0.9842	0.8402	0.7768	0.8276	0.9289	0.3732	0.8459
50.9	0.9704	0.9887	0.9007	0.8444	0.8320	0.9470	0.4294	0.8423

51.0	0.9723	0.9894	0.9002	0.8513	0.8555	0.9406	0.3603	0.8383
51.1	0.9732	0.9852	0.9124	0.8173	0.8374	0.9211	0.3008	0.8121
51.2	0.9799	0.9824	0.9452	0.8043	0.7952	0.9405	0.2416	0.8177
51.3	0.9730	0.9842	0.9408	0.8062	0.8336	0.9536	0.2479	0.8329
51.4	0.9561	0.9861	0.9280	0.7887	0.8484	0.9454	0.0802	0.8061
51.5	0.9618	0.9866	0.9274	0.7976	0.8296	0.9447	0.0444	0.8087
51.6	0.9693	0.9854	0.9348	0.8063	0.7952	0.9414	0.2550	0.8211
51.7	0.9750	0.9817	0.9433	0.8507	0.8138	0.9425	0.5122	0.8026
51.8	0.9733	0.9867	0.9541	0.8933	0.8308	0.9548	0.6795	0.8462
51.9	0.9435	0.9837	0.9154	0.8753	0.7612	0.9345	0.7315	0.8330
52.0	0.9666	0.9843	0.9505	0.8750	0.7821	0.9436	0.8299	0.8380
52.1	0.9753	0.9803	0.9565	0.8654	0.7230	0.9366	0.8595	0.8090
52.2	0.9829	0.9870	0.9684	0.9162	0.7368	0.9522	0.8786	0.8390
52.3	0.9646	0.9871	0.9491	0.9113	0.6313	0.9477	0.9001	0.8207
52.4	0.9697	0.9874	0.9406	0.9155	0.4395	0.9355	0.9037	0.7309
52.5	0.9742	0.9858	0.9528	0.9167	0.2943	0.9446	0.9273	0.7164
52.6	0.9569	0.9897	0.9501	0.9250	0.2482	0.9570	0.9343	0.7788
52.7	0.9331	0.9913	0.9299	0.9285	0.0783	0.9520	0.9456	0.8191
52.8	0.9753	0.9901	0.9616	0.9353	0.1626	0.9609	0.9266	0.8634
52.9	0.9831	0.9914	0.9702	0.9302	0.3233	0.9600	0.9234	0.8601
53.0	0.9822	0.9925	0.9619	0.9423	0.5113	0.9599	0.9256	0.8724
53.1	0.9826	0.9885	0.9661	0.9378	0.5535	0.9527	0.9193	0.8611
53.2	0.9735	0.9872	0.9597	0.9447	0.4254	0.9346	0.9268	0.8017
53.3	0.9442	0.9903	0.8506	0.9496	0.4672	0.9289	0.9529	0.7480
53.4	0.9628	0.9904	0.8338	0.9603	0.7384	0.9466	0.9480	0.6989
53.5	0.9750	0.9889	0.9178	0.9527	0.8104	0.9268	0.9477	0.7988
53.6	0.9745	0.9911	0.9171	0.9363	0.7812	0.9199	0.9344	0.7793
53.7	0.9802	0.9918	0.9165	0.9336	0.7268	0.9132	0.9472	0.7739
53.8	0.9794	0.9925	0.9194	0.9358	0.6834	0.9194	0.9458	0.7709
53.9	0.9861	0.9920	0.9509	0.9351	0.8090	0.9342	0.9447	0.7909
54.0	0.9864	0.9936	0.9647	0.9355	0.8666	0.9489	0.9566	0.8436
54.1	0.9721	0.9927	0.9496	0.9291	0.7780	0.9380	0.9497	0.7987
54.2	0.9758	0.9911	0.9533	0.9093	0.7125	0.9094	0.9478	0.7765
54.3	0.9850	0.9920	0.9675	0.9321	0.7701	0.9201	0.9508	0.8160
54.4	0.9839	0.9919	0.9616	0.9045	0.7468	0.8917	0.9283	0.8332
54.5	0.9859	0.9944	0.9670	0.9074	0.7763	0.8105	0.9032	0.8395
54.6	0.9731	0.9915	0.9447	0.9060	0.7580	0.6724	0.9153	0.8047
54.7	0.9806	0.9894	0.9377	0.9004	0.8184	0.7325	0.9256	0.8247
54.8	0.9763	0.9819	0.9339	0.8332	0.8399	0.7514	0.8517	0.7836
54.9	0.9799	0.9887	0.9672	0.8718	0.8617	0.7843	0.8825	0.8349
55.0	0.9714	0.9889	0.9716	0.8603	0.8433	0.7218	0.8851	0.7591
55.1	0.9703	0.9863	0.9610	0.7647	0.8044	0.7012	0.8771	0.7066
55.2	0.9582	0.9879	0.9623	0.7425	0.8129	0.6816	0.8944	0.7750
55.3	0.9587	0.9863	0.9666	0.6909	0.8557	0.7130	0.9160	0.7917
55.4	0.9473	0.9884	0.9574	0.7644	0.8408	0.6473	0.9225	0.8574
55.5	0.9459	0.9885	0.9514	0.7601	0.8682	0.5821	0.9196	0.8314
55.6	0.9531	0.9870	0.9615	0.7346	0.8931	0.6381	0.9129	0.8788
55.7	0.9504	0.9856	0.9605	0.7452	0.8880	0.6205	0.9162	0.8697
55.8	0.9490	0.9855	0.9552	0.7614	0.9100	0.7677	0.9135	0.8970
55.9	0.9503	0.9867	0.9605	0.7884	0.9142	0.8519	0.9315	0.8872
56.0	0.9288	0.9887	0.9340	0.7257	0.9084	0.8320	0.9033	0.8617
56.1	0.9378	0.9869	0.9399	0.7156	0.8914	0.8629	0.8940	0.8704
56.2	0.9441	0.9823	0.9599	0.6958	0.8574	0.8702	0.8706	0.8674
56.3	0.9561	0.9853	0.9523	0.7114	0.9003	0.8916	0.8854	0.8996
56.4	0.9738	0.9905	0.9630	0.8095	0.9264	0.9262	0.9201	0.9310
56.5	0.9690	0.9898	0.9619	0.8166	0.9258	0.9270	0.9327	0.9147
56.6	0.9711	0.9888	0.9715	0.7943	0.9054	0.9281	0.9131	0.9090
56.7	0.9718	0.9838	0.9742	0.7773	0.8957	0.9291	0.8785	0.9020
56.8	0.9691	0.9814	0.9744	0.7073	0.8654	0.9015	0.8883	0.9135
56.9	0.9704	0.9845	0.9669	0.6604	0.8881	0.9238	0.8856	0.8983
57.0	0.9644	0.9805	0.9590	0.6390	0.8792	0.9200	0.8311	0.8940
57.1	0.9628	0.9769	0.9471	0.6524	0.8557	0.9145	0.8197	0.8946
57.2	0.9656	0.9813	0.9475	0.7526	0.8464	0.9287	0.8300	0.8871
57.3	0.9693	0.9832	0.9630	0.7753	0.8653	0.9516	0.8136	0.9063
57.4	0.9629	0.9800	0.9703	0.7331	0.8286	0.9544	0.7863	0.9026
57.5	0.9536	0.9786	0.9607	0.7477	0.8402	0.9518	0.7283	0.8953
57.6	0.9588	0.9813	0.9578	0.7509	0.8804	0.9549	0.7818	0.9169
57.7	0.9623	0.9805	0.9655	0.7774	0.8677	0.9456	0.6943	0.9252
57.8	0.9664	0.9759	0.9686	0.8175	0.8606	0.9364	0.5549	0.9178
57.9	0.9514	0.9704	0.9467	0.7721	0.8373	0.9109	0.3292	0.9145
58.0	0.9382	0.9633	0.9342	0.7006	0.8263	0.8863	0.2275	0.9075
58.1	0.9421	0.9594	0.9184	0.7032	0.7671	0.8869	0.0553	0.9043
58.2	0.9531	0.9734	0.9358	0.7390	0.8081	0.9006	0.0047	0.9121
58.3	0.9471	0.9695	0.9430	0.7289	0.8375	0.9058	0.0480	0.9036
58.4	0.9633	0.9734	0.9631	0.8154	0.8570	0.9063	0.2675	0.9285
58.5	0.9730	0.9777	0.9706	0.8625	0.8419	0.9323	0.3172	0.9458
58.6	0.9695	0.9731	0.9704	0.8745	0.8379	0.9349	0.2883	0.9443
58.7	0.9660	0.9754	0.9592	0.8157	0.8399	0.9306	0.3875	0.9473
58.8	0.9517	0.9732	0.9350	0.7224	0.7724	0.9190	0.3255	0.9020
58.9	0.9592	0.9775	0.9343	0.7466	0.7299	0.9193	0.4216	0.8978
59.0	0.9533	0.9694	0.9492	0.7310	0.3968	0.7726	0.2109	0.7313
59.1	0.9652	0.9686	0.9546	0.7940	0.4546	0.7932	0.2630	0.7629
59.2	0.9645	0.9748	0.9480	0.8367	0.8298	0.9183	0.5906	0.9063
59.3	0.9527	0.9672	0.9323	0.8006	0.8336	0.8939	0.5682	0.8666
59.4	0.9603	0.9654	0.9428	0.8020	0.8108	0.8825	0.6415	0.8398
59.5	0.9634	0.9662	0.9518	0.7938	0.8164	0.9029	0.6793	0.8494

59.6	0.9680	0.9646	0.9449	0.7987	0.8246	0.9130	0.6610	0.8546
59.7	0.9704	0.9598	0.9370	0.7800	0.8103	0.9275	0.6862	0.8476
59.8	0.9701	0.9184	0.8907	0.6569	0.6096	0.8422	0.4743	0.8086
59.9	0.9605	0.0094	0.0817	0.1962	0.5817	0.7659	0.4726	0.8002
60.0	0.9568	0.0213	0.0546	0.1293	0.7064	0.6849	0.6503	0.7234
60.1	0.9556	0.0330	0.1103	0.2989	0.7235	0.7830	0.7266	0.7701
60.2	0.9601	0.8500	0.8483	0.7780	0.7384	0.8198	0.7689	0.7860
60.3	0.9686	0.9593	0.9331	0.8207	0.7280	0.7923	0.7711	0.7759
60.4	0.9693	0.9550	0.9376	0.8397	0.6970	0.7197	0.8015	0.7515
60.5	0.9680	0.9635	0.9401	0.8124	0.6895	0.6854	0.8117	0.6141
60.6	0.9722	0.9730	0.9570	0.7997	0.6475	0.6265	0.7835	0.5098
60.7	0.9597	0.9654	0.9534	0.7432	0.6364	0.5772	0.7337	0.5026
60.8	0.9557	0.9555	0.9410	0.7866	0.7062	0.6426	0.7406	0.5957
60.9	0.9701	0.9645	0.9567	0.8391	0.8154	0.6739	0.8056	0.7608
61.0	0.9695	0.9666	0.9550	0.8672	0.8015	0.7080	0.7815	0.7116
61.1	0.9777	0.9737	0.9612	0.8800	0.8591	0.7262	0.7804	0.7709
61.2	0.9690	0.9652	0.9638	0.8617	0.8613	0.7425	0.7845	0.7275
61.3	0.9682	0.9597	0.9712	0.8505	0.8770	0.6402	0.7793	0.6138
61.4	0.9716	0.9535	0.9588	0.8326	0.8848	0.5396	0.7214	0.4828
61.5	0.9574	0.9389	0.9609	0.8579	0.8356	0.3424	0.7122	0.4811
61.6	0.9714	0.9559	0.9723	0.8863	0.8388	0.2465	0.6646	0.5046
61.7	0.9640	0.9498	0.9616	0.8669	0.8831	0.3671	0.6660	0.5398
61.8	0.9660	0.9517	0.9647	0.8649	0.8866	0.5317	0.7030	0.6546
61.9	0.9723	0.9487	0.9682	0.8793	0.9090	0.6341	0.6439	0.6937
62.0	0.9688	0.9448	0.9746	0.8831	0.9090	0.7569	0.5104	0.7007
62.1	0.9626	0.9343	0.9761	0.8960	0.9077	0.8127	0.3819	0.7758
62.2	0.9628	0.9254	0.9719	0.9095	0.9201	0.8585	0.3104	0.8009
62.3	0.9642	0.9407	0.9655	0.9018	0.9167	0.8597	0.4793	0.7426
62.4	0.9706	0.9538	0.9716	0.9138	0.9178	0.8813	0.4426	0.6314
62.5	0.9732	0.9603	0.9760	0.9098	0.9467	0.8967	0.4363	0.6428
62.6	0.9697	0.9467	0.9809	0.9014	0.9492	0.9029	0.4711	0.7034
62.7	0.9634	0.9366	0.9754	0.9093	0.9394	0.9081	0.5468	0.6559
62.8	0.9693	0.9477	0.9785	0.9059	0.9509	0.9086	0.4955	0.6193
62.9	0.9730	0.9501	0.9805	0.9097	0.9393	0.8964	0.5848	0.6566
63.0	0.9691	0.9398	0.9765	0.8988	0.9305	0.8835	0.7361	0.6400
63.1	0.9637	0.9415	0.9767	0.9163	0.9337	0.9307	0.7858	0.6631
63.2	0.9706	0.9558	0.9819	0.9346	0.9326	0.9456	0.8196	0.7206
63.3	0.9714	0.9431	0.9841	0.9488	0.9272	0.9394	0.7990	0.7357
63.4	0.9650	0.9410	0.9785	0.9329	0.9209	0.9243	0.8060	0.7181
63.5	0.9652	0.9501	0.9770	0.9174	0.9177	0.9182	0.8335	0.7268
63.6	0.9687	0.9573	0.9747	0.9225	0.9030	0.9067	0.8269	0.7028
63.7	0.9756	0.9583	0.9828	0.9449	0.9161	0.9308	0.9056	0.8373
63.8	0.9762	0.9607	0.9849	0.9467	0.9241	0.9389	0.9155	0.8620
63.9	0.9689	0.9481	0.9815	0.9407	0.9260	0.9333	0.9246	0.8500
64.0	0.9683	0.9541	0.9774	0.9304	0.9428	0.9478	0.9299	0.8604
64.1	0.9708	0.9552	0.9759	0.9371	0.9161	0.9182	0.9066	0.8560
64.2	0.9737	0.9466	0.9786	0.9418	0.9039	0.8959	0.9315	0.8624
64.3	0.9758	0.9543	0.9847	0.9507	0.9304	0.8776	0.9619	0.9029
64.4	0.9732	0.9418	0.9799	0.9413	0.8848	0.8467	0.9423	0.8858
64.5	0.9684	0.9384	0.9787	0.9407	0.8858	0.8218	0.9473	0.8987
64.6	0.9706	0.9464	0.9741	0.9494	0.8617	0.7649	0.9562	0.9124
64.7	0.9702	0.9414	0.9790	0.9522	0.8487	0.7458	0.9701	0.9329
64.8	0.9752	0.9514	0.9817	0.9387	0.7912	0.6949	0.9557	0.9326
64.9	0.9763	0.9511	0.9823	0.9552	0.7957	0.7938	0.9574	0.9382
65.0	0.9727	0.9578	0.9790	0.9589	0.8412	0.7897	0.9699	0.9486
65.1	0.9751	0.9562	0.9770	0.9581	0.8532	0.6767	0.9686	0.9407
65.2	0.9715	0.9581	0.9768	0.9562	0.8531	0.6401	0.9678	0.9304
65.3	0.9732	0.9566	0.9803	0.9545	0.8966	0.6193	0.9639	0.9257
65.4	0.9727	0.9553	0.9786	0.9554	0.9037	0.4881	0.9666	0.8789
65.5	0.9764	0.9604	0.9768	0.9546	0.9307	0.3661	0.9673	0.8714
65.6	0.9754	0.9624	0.9819	0.9666	0.9297	0.5886	0.9742	0.8967
65.7	0.9672	0.9591	0.9762	0.9689	0.9196	0.6911	0.9603	0.8936
65.8	0.9773	0.9594	0.9768	0.9651	0.9127	0.7837	0.9624	0.8937
65.9	0.9778	0.9618	0.9715	0.9604	0.9224	0.8124	0.9626	0.8752
66.0	0.9681	0.9573	0.9652	0.9515	0.9246	0.8300	0.9692	0.8321
66.1	0.9698	0.9544	0.9665	0.9572	0.9146	0.8183	0.9547	0.8084
66.2	0.9708	0.9471	0.9710	0.9568	0.9041	0.8549	0.9561	0.8022
66.3	0.9786	0.9607	0.9761	0.9684	0.9061	0.8912	0.9676	0.8210
66.4	0.9769	0.9612	0.9734	0.9690	0.8836	0.9000	0.9574	0.7688
66.5	0.9750	0.9502	0.9656	0.9575	0.8475	0.8960	0.9321	0.6311
66.6	0.9717	0.9506	0.9590	0.9479	0.8528	0.9036	0.9261	0.5415
66.7	0.9747	0.9641	0.9608	0.9536	0.8727	0.9039	0.9286	0.4344
66.8	0.9779	0.9640	0.9677	0.9658	0.9132	0.9207	0.9266	0.2504
66.9	0.9750	0.9617	0.9661	0.9359	0.9025	0.9187	0.8969	0.1164
67.0	0.9795	0.9662	0.9750	0.9319	0.9101	0.9293	0.9095	0.0355
67.1	0.9779	0.9654	0.9736	0.9478	0.8951	0.9428	0.8915	0.1137
67.2	0.9831	0.9770	0.9746	0.9543	0.9192	0.9496	0.9078	0.2357
67.3	0.9780	0.9596	0.9745	0.9312	0.9227	0.9349	0.8809	0.4031
67.4	0.9774	0.9501	0.9739	0.9317	0.9373	0.9355	0.8641	0.5691
67.5	0.9797	0.9576	0.9743	0.9290	0.9275	0.9387	0.8617	0.6387
67.6	0.9681	0.9508	0.9685	0.9279	0.9159	0.9194	0.8279	0.6813
67.7	0.9695	0.9486	0.9690	0.9253	0.9111	0.9153	0.8203	0.7712
67.8	0.9726	0.9591	0.9780	0.9289	0.9395	0.9468	0.8293	0.8567
67.9	0.9778	0.9573	0.9816	0.9316	0.9524	0.9588	0.8361	0.8490
68.0	0.9782	0.9541	0.9834	0.9261	0.9572	0.9559	0.8764	0.8697
68.1	0.9777	0.9483	0.9809	0.9303	0.9494	0.9410	0.8849	0.8761

68.2	0.9760	0.9434	0.9805	0.9334	0.9485	0.9262	0.9041	0.8730
68.3	0.9763	0.9453	0.9785	0.9386	0.9366	0.9476	0.9396	0.9109
68.4	0.9718	0.9414	0.9766	0.9436	0.9433	0.9493	0.9266	0.9223
68.5	0.9710	0.9302	0.9757	0.9212	0.9303	0.9434	0.8988	0.9073
68.6	0.9730	0.9351	0.9759	0.8962	0.9403	0.9395	0.8404	0.9028
68.7	0.9719	0.9228	0.9760	0.8919	0.9366	0.9480	0.8119	0.9013
68.8	0.9693	0.9091	0.9732	0.8968	0.9299	0.9359	0.7398	0.8755
68.9	0.9679	0.9260	0.9721	0.9166	0.9265	0.9521	0.7665	0.9100
69.0	0.9752	0.9325	0.9820	0.9447	0.9499	0.9605	0.8452	0.9359
69.1	0.9767	0.9127	0.9827	0.9577	0.9557	0.9616	0.8648	0.9214
69.2	0.9756	0.9019	0.9824	0.9502	0.9621	0.9572	0.8928	0.9202
69.3	0.9752	0.9194	0.9749	0.9467	0.9583	0.9567	0.8799	0.9024
69.4	0.9694	0.8918	0.9707	0.9492	0.9473	0.9542	0.8918	0.9101
69.5	0.9668	0.8883	0.9717	0.9265	0.9565	0.9437	0.8841	0.9347
69.6	0.9742	0.8857	0.9773	0.9249	0.9670	0.9423	0.9021	0.9361
69.7	0.9734	0.8802	0.9798	0.9483	0.9680	0.9515	0.9195	0.9299
69.8	0.9724	0.8915	0.9766	0.9264	0.9624	0.9271	0.9387	0.9369
69.9	0.9709	0.8400	0.9701	0.9183	0.9578	0.9190	0.9297	0.9461
70.0	0.9745	0.7568	0.9735	0.9411	0.9616	0.9317	0.9431	0.9500
70.1	0.9844	0.8506	0.9849	0.9479	0.9726	0.9265	0.9513	0.9464
70.2	0.9807	0.8987	0.9834	0.9420	0.9671	0.9375	0.9578	0.9492
70.3	0.9780	0.9223	0.9822	0.9546	0.9734	0.9463	0.9599	0.9507
70.4	0.9792	0.9277	0.9805	0.9343	0.9710	0.9356	0.9574	0.9453
70.5	0.9748	0.9012	0.9745	0.9321	0.9617	0.9276	0.9366	0.9341
70.6	0.9752	0.9057	0.9782	0.9328	0.9611	0.9343	0.9391	0.9341
70.7	0.9754	0.8868	0.9795	0.9332	0.9630	0.9435	0.9500	0.9483
70.8	0.9675	0.8600	0.9751	0.9309	0.9579	0.9465	0.9492	0.9500
70.9	0.9715	0.8889	0.9772	0.9248	0.9617	0.9460	0.9383	0.9594
71.0	0.9740	0.8979	0.9811	0.9383	0.9690	0.9419	0.9534	0.9591
71.1	0.9759	0.9012	0.9814	0.9391	0.9726	0.9453	0.9599	0.9567
71.2	0.9726	0.8847	0.9762	0.9344	0.9613	0.9288	0.9563	0.9535
71.3	0.9707	0.8830	0.9745	0.9417	0.9608	0.9344	0.9539	0.9525
71.4	0.9679	0.8782	0.9765	0.9189	0.9643	0.8976	0.9550	0.9502
71.5	0.9811	0.9279	0.9819	0.9471	0.9666	0.9202	0.9658	0.9524
71.6	0.9767	0.9114	0.9815	0.9488	0.9594	0.9076	0.9561	0.9578
71.7	0.9711	0.8655	0.9795	0.9422	0.9568	0.9083	0.9490	0.9616
71.8	0.9669	0.8702	0.9733	0.9376	0.9559	0.9216	0.9490	0.9456
71.9	0.9683	0.8814	0.9706	0.9413	0.9501	0.9301	0.9446	0.9296
72.0	0.9704	0.8797	0.9703	0.9365	0.9426	0.9097	0.9299	0.9172
72.1	0.9772	0.9192	0.9787	0.9567	0.9573	0.9389	0.9473	0.9444
72.2	0.9788	0.9197	0.9831	0.9579	0.9675	0.9551	0.9610	0.9611
72.3	0.9724	0.8880	0.9779	0.9331	0.9544	0.9454	0.9389	0.9386
72.4	0.9721	0.8755	0.9780	0.9238	0.9571	0.9466	0.9405	0.9241
72.5	0.9790	0.8934	0.9845	0.9414	0.9699	0.9567	0.9592	0.9498
72.6	0.9733	0.8915	0.9782	0.9346	0.9563	0.9524	0.9513	0.9294
72.7	0.9631	0.8432	0.9723	0.9198	0.9509	0.9280	0.9441	0.9225
72.8	0.9688	0.8616	0.9691	0.9260	0.9454	0.9340	0.9308	0.9145
72.9	0.9737	0.8751	0.9720	0.9460	0.9449	0.9341	0.9327	0.9096
73.0	0.9772	0.8808	0.9781	0.9396	0.9458	0.9242	0.9358	0.9129
73.1	0.9730	0.8403	0.9731	0.9292	0.9363	0.9216	0.9112	0.8756
73.2	0.9681	0.8073	0.9698	0.9281	0.9323	0.9248	0.9114	0.8363
73.3	0.9793	0.8673	0.9806	0.9394	0.9422	0.9421	0.9397	0.9061
73.4	0.9779	0.8177	0.9781	0.9289	0.9373	0.9432	0.9455	0.9269
73.5	0.9741	0.7993	0.9721	0.9303	0.9406	0.9352	0.9261	0.8964
73.6	0.9789	0.8730	0.9743	0.9534	0.9582	0.9617	0.9413	0.9060
73.7	0.9760	0.8461	0.9656	0.9541	0.9388	0.9360	0.9170	0.8633
73.8	0.9682	0.7284	0.9606	0.9227	0.9308	0.9278	0.9203	0.8545
73.9	0.9650	0.7346	0.9569	0.9050	0.9236	0.9166	0.9200	0.8542
74.0	0.9742	0.8242	0.9639	0.9432	0.9453	0.8985	0.9356	0.8696
74.1	0.9739	0.7722	0.9645	0.9435	0.9491	0.8986	0.9385	0.8214
74.2	0.9731	0.7828	0.9757	0.9232	0.9488	0.9033	0.9410	0.8134
74.3	0.9666	0.7304	0.9651	0.9249	0.9504	0.9155	0.9344	0.8389
74.4	0.9721	0.7290	0.9636	0.9457	0.9531	0.9149	0.9408	0.8491
74.5	0.9697	0.7376	0.9588	0.9102	0.9282	0.8636	0.9236	0.8331
74.6	0.9789	0.8123	0.9675	0.9402	0.9488	0.8590	0.9330	0.7881
74.7	0.9760	0.7602	0.9605	0.9298	0.9389	0.8260	0.9255	0.7386
74.8	0.9759	0.7589	0.9619	0.9209	0.9273	0.8070	0.9321	0.7381
74.9	0.9734	0.7135	0.9566	0.9159	0.9146	0.7543	0.9212	0.6700
75.0	0.9824	0.7768	0.9639	0.9240	0.9367	0.7536	0.9257	0.5937
75.1	0.9801	0.7966	0.9552	0.9201	0.9279	0.6795	0.8991	0.4734
75.2	0.9702	0.7876	0.9415	0.8787	0.9012	0.6327	0.8594	0.4037
75.3	0.9667	0.6906	0.9329	0.8550	0.8944	0.5813	0.8367	0.3254
75.4	0.9699	0.6808	0.9458	0.8219	0.9137	0.5484	0.8559	0.2310
75.5	0.9656	0.6404	0.9302	0.8238	0.8955	0.5050	0.8491	0.2513
75.6	0.9712	0.7416	0.9481	0.8732	0.9207	0.5300	0.8763	0.3340
75.7	0.9711	0.7141	0.9457	0.8364	0.9176	0.5049	0.8424	0.2693
75.8	0.9718	0.7140	0.9503	0.7990	0.9281	0.5561	0.8715	0.4138
75.9	0.9632	0.6757	0.9151	0.7727	0.9087	0.5386	0.8404	0.2615
76.0	0.9609	0.5894	0.8905	0.7795	0.8615	0.4614	0.8003	0.2156
76.1	0.9661	0.6931	0.9186	0.7346	0.8728	0.5911	0.8036	0.1860
76.2	0.9712	0.5747	0.9277	0.6054	0.8659	0.6054	0.8108	0.2041
76.3	0.9712	0.4883	0.9045	0.5026	0.8476	0.5795	0.7882	0.1676
76.4	0.9647	0.4385	0.8983	0.4072	0.8162	0.5494	0.8098	0.1113
76.5	0.9656	0.5305	0.9010	0.3752	0.8041	0.5366	0.7682	0.0315
76.6	0.9598	0.5714	0.9116	0.4015	0.7506	0.5954	0.8151	0.0610
76.7	0.9563	0.4830	0.9037	0.3925	0.7281	0.5898	0.8327	0.0778

76.8	0.9712	0.5311	0.9091	0.3888	0.7130	0.6994	0.8064	0.1327
76.9	0.9656	0.5898	0.9133	0.5027	0.7332	0.7480	0.7922	0.0765
77.0	0.9704	0.5937	0.9212	0.6835	0.6244	0.7248	0.8158	0.1778
77.1	0.9639	0.6088	0.9216	0.7355	0.4353	0.7926	0.8419	0.2343
77.2	0.9636	0.6873	0.9303	0.7336	0.3067	0.7968	0.8719	0.4286
77.3	0.9692	0.7519	0.9470	0.7777	0.2433	0.8069	0.8830	0.5791
77.4	0.9730	0.7528	0.9413	0.8432	0.1777	0.8176	0.8751	0.5696
77.5	0.9567	0.7080	0.9064	0.8077	0.3844	0.7963	0.7866	0.4633
77.6	0.9559	0.7484	0.9210	0.8080	0.4352	0.8008	0.8208	0.5702
77.7	0.9599	0.8077	0.9417	0.8795	0.5416	0.8895	0.8371	0.6548
77.8	0.9637	0.7903	0.9380	0.8907	0.6264	0.8769	0.8028	0.6603
77.9	0.9665	0.8162	0.9417	0.8548	0.6404	0.8646	0.7983	0.7022
78.0	0.9581	0.8028	0.9302	0.8461	0.6746	0.8365	0.7878	0.6775
78.1	0.9626	0.8146	0.9284	0.8627	0.7683	0.8478	0.7807	0.7375
78.2	0.9763	0.8742	0.9492	0.9077	0.8087	0.9021	0.7375	0.8005
78.3	0.9671	0.8599	0.9495	0.9106	0.8083	0.9005	0.7352	0.8080
78.4	0.9635	0.8631	0.9395	0.9210	0.8450	0.9201	0.7536	0.8408
78.5	0.9577	0.8377	0.9355	0.8979	0.8798	0.9114	0.6655	0.8346
78.6	0.9623	0.9024	0.9531	0.9133	0.8988	0.9194	0.6965	0.8171
78.7	0.9674	0.9242	0.9639	0.9177	0.8645	0.9082	0.6268	0.8361
78.8	0.9746	0.9051	0.9593	0.9194	0.8862	0.9265	0.5950	0.8497
78.9	0.9729	0.8854	0.9585	0.9127	0.8948	0.9261	0.5602	0.8621
79.0	0.9654	0.9050	0.9609	0.9178	0.8731	0.9022	0.5797	0.8383
79.1	0.9594	0.8900	0.9545	0.8860	0.8732	0.8834	0.6616	0.7516
79.2	0.9696	0.8885	0.9573	0.8977	0.8992	0.9005	0.7447	0.8008
79.3	0.9628	0.8764	0.9484	0.8802	0.9003	0.8906	0.7070	0.8011
79.4	0.9505	0.8258	0.9402	0.8221	0.8294	0.8548	0.6304	0.6889
79.5	0.9563	0.8733	0.9478	0.8761	0.8356	0.9127	0.6457	0.7328
79.6	0.9631	0.9191	0.9583	0.9161	0.8877	0.9189	0.7447	0.7780
79.7	0.9551	0.8892	0.9445	0.8967	0.8833	0.9190	0.7468	0.7264
79.8	0.9507	0.8844	0.9438	0.8939	0.9162	0.9024	0.7385	0.7658
79.9	0.9576	0.8872	0.9418	0.8719	0.9021	0.8987	0.6873	0.7851
80.0	0.9644	0.9144	0.9556	0.9104	0.9157	0.9294	0.6408	0.8093

2.2.41 Run 4 – IP050 – Accels 33–40

In-plane shaking at 50°. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.5546	0.0606	0.5575	0.2071	0.7080	0.3272	0.9030	0.7790
0.1	0.3075	0.0421	0.2799	0.0742	0.4629	0.1745	0.6433	0.2698
0.2	0.0209	0.0192	0.0125	0.0173	0.0097	0.0178	0.0068	0.0660
0.3	0.0170	0.0122	0.0356	0.0366	0.0279	0.0615	0.0776	0.0359
0.4	0.0181	0.0150	0.0334	0.0314	0.0020	0.0081	0.0211	0.0272
0.5	0.0062	0.0030	0.0063	0.0798	0.0102	0.0100	0.0198	0.0496
0.6	0.0011	0.0389	0.0148	0.0023	0.0009	0.0098	0.0036	0.0080
0.7	0.0426	0.3019	0.0300	0.0003	0.0215	0.0082	0.0232	0.0004
0.8	0.1920	0.7147	0.0328	0.0360	0.0480	0.0036	0.0234	0.0220
0.9	0.5718	0.8314	0.0383	0.2075	0.0963	0.0279	0.0059	0.0814
1.0	0.7134	0.8671	0.0156	0.4613	0.0688	0.0331	0.0176	0.1006
1.1	0.5888	0.7896	0.0156	0.5338	0.0449	0.0623	0.0110	0.0811
1.2	0.8171	0.9355	0.0050	0.6725	0.2104	0.1385	0.2086	0.1298
1.3	0.8850	0.8898	0.1785	0.7638	0.4354	0.4116	0.4596	0.1812
1.4	0.8483	0.7700	0.3234	0.4180	0.5974	0.5482	0.3861	0.1652
1.5	0.8262	0.7226	0.5387	0.5049	0.5354	0.7762	0.0981	0.2146
1.6	0.9127	0.8241	0.6374	0.8902	0.7078	0.9300	0.6547	0.6984
1.7	0.9627	0.8759	0.7181	0.9734	0.8482	0.9558	0.9211	0.7884
1.8	0.9643	0.8777	0.7910	0.9800	0.8654	0.9686	0.9364	0.8236
1.9	0.9280	0.8413	0.8236	0.9722	0.8516	0.9614	0.9226	0.8054
2.0	0.9080	0.8726	0.8578	0.9601	0.8713	0.9695	0.9170	0.8821
2.1	0.8876	0.9121	0.8872	0.9070	0.9023	0.9235	0.8934	0.9398
2.2	0.8324	0.9384	0.8402	0.8378	0.9052	0.8623	0.8354	0.9532
2.3	0.3913	0.9040	0.4146	0.3880	0.6930	0.4315	0.3917	0.7399
2.4	0.6256	0.9149	0.5442	0.6410	0.8440	0.5783	0.6300	0.6681
2.5	0.9235	0.9645	0.8571	0.9281	0.8911	0.8699	0.9258	0.7245
2.6	0.9827	0.9867	0.9430	0.9839	0.9478	0.9419	0.9829	0.8075
2.7	0.9894	0.9913	0.9200	0.9901	0.9528	0.9285	0.9896	0.8029
2.8	0.9876	0.9877	0.8176	0.9892	0.9366	0.8262	0.9885	0.6725
2.9	0.9958	0.9920	0.7651	0.9956	0.9534	0.7069	0.9947	0.7470
3.0	0.9962	0.9952	0.5093	0.9969	0.9709	0.5758	0.9953	0.7418
3.1	0.9971	0.9961	0.2447	0.9977	0.9594	0.7642	0.9967	0.7008
3.2	0.9978	0.9967	0.2299	0.9982	0.9538	0.9078	0.9965	0.7145
3.3	0.9984	0.9970	0.6500	0.9985	0.9615	0.9473	0.9975	0.6966
3.4	0.9984	0.9971	0.7754	0.9985	0.9560	0.9647	0.9974	0.6186
3.5	0.9992	0.9980	0.9277	0.9992	0.9715	0.9868	0.9979	0.7245
3.6	0.9993	0.9976	0.9443	0.9992	0.9763	0.9827	0.9977	0.6258
3.7	0.9993	0.9981	0.9632	0.9995	0.9796	0.9904	0.9976	0.6161
3.8	0.9992	0.9980	0.9691	0.9994	0.9761	0.9917	0.9973	0.5680
3.9	0.9991	0.9983	0.9751	0.9995	0.9742	0.9930	0.9972	0.5159
4.0	0.9994	0.9986	0.9787	0.9996	0.9726	0.9947	0.9967	0.5810
4.1	0.9992	0.9989	0.9750	0.9995	0.9621	0.9944	0.9936	0.6122
4.2	0.9991	0.9990	0.9765	0.9993	0.9613	0.9934	0.9894	0.5854
4.3	0.9992	0.9990	0.9866	0.9993	0.9500	0.9937	0.9831	0.5819
4.4	0.9992	0.9995	0.9867	0.9992	0.9578	0.9944	0.9786	0.6740
4.5	0.9993	0.9996	0.9882	0.9994	0.9649	0.9963	0.9793	0.7581
4.6	0.9990	0.9995	0.9893	0.9992	0.9615	0.9961	0.9793	0.6783
4.7	0.9985	0.9996	0.9888	0.9988	0.9436	0.9965	0.9776	0.6889
4.8	0.9985	0.9997	0.9885	0.9987	0.9522	0.9965	0.9761	0.6897
4.9	0.9981	0.9993	0.9909	0.9984	0.9132	0.9971	0.9660	0.5701
5.0	0.9973	0.9994	0.9903	0.9979	0.9078	0.9963	0.9692	0.5709
5.1	0.9973	0.9995	0.9889	0.9978	0.9203	0.9971	0.9679	0.4894
5.2	0.9957	0.9992	0.9867	0.9967	0.8750	0.9954	0.9527	0.4919
5.3	0.9964	0.9992	0.9909	0.9971	0.9148	0.9979	0.9700	0.6862
5.4	0.9968	0.9992	0.9933	0.9975	0.9168	0.9981	0.9817	0.6802
5.5	0.9969	0.9988	0.9945	0.9977	0.9202	0.9974	0.9767	0.5132
5.6	0.9948	0.9979	0.9930	0.9958	0.9143	0.9969	0.9624	0.3322
5.7	0.9929	0.9972	0.9925	0.9946	0.8734	0.9959	0.9505	0.4131
5.8	0.9935	0.9982	0.9923	0.9953	0.9030	0.9968	0.9419	0.4515
5.9	0.9911	0.9978	0.9903	0.9934	0.8885	0.9978	0.9465	0.3155
6.0	0.9903	0.9975	0.9875	0.9932	0.8699	0.9973	0.9316	0.0747
6.1	0.9930	0.9984	0.9888	0.9948	0.8446	0.9973	0.9596	0.0966
6.2	0.9929	0.9984	0.9907	0.9946	0.8468	0.9970	0.9599	0.1026
6.3	0.9921	0.9980	0.9911	0.9940	0.8619	0.9963	0.9564	0.0274
6.4	0.9911	0.9985	0.9861	0.9930	0.8834	0.9965	0.9660	0.1821
6.5	0.9918	0.9981	0.9745	0.9938	0.8979	0.9959	0.9681	0.0724
6.6	0.9877	0.9981	0.9675	0.9904	0.8251	0.9954	0.9722	0.0048
6.7	0.9913	0.9987	0.9341	0.9929	0.8628	0.9949	0.9766	0.0391
6.8	0.9937	0.9986	0.8319	0.9946	0.8657	0.9945	0.9680	0.0560
6.9	0.9903	0.9985	0.8297	0.9913	0.8558	0.9957	0.9510	0.0787
7.0	0.9861	0.9985	0.8357	0.9865	0.8256	0.9946	0.9149	0.1375
7.1	0.9545	0.9981	0.7788	0.9518	0.8057	0.9931	0.7554	0.2708
7.2	0.9527	0.9985	0.8868	0.9489	0.8488	0.9932	0.7347	0.4114
7.3	0.9680	0.9983	0.9690	0.9691	0.8704	0.9927	0.8518	0.5129
7.4	0.9343	0.9970	0.9657	0.9231	0.8678	0.9962	0.7835	0.2483
7.5	0.9390	0.9976	0.9841	0.9298	0.8405	0.9955	0.8988	0.1333
7.6	0.9764	0.9979	0.9942	0.9771	0.7881	0.9935	0.9380	0.1395
7.7	0.9816	0.9975	0.9955	0.9840	0.7176	0.9915	0.9280	0.0887
7.8	0.9874	0.9977	0.9956	0.9893	0.8201	0.9950	0.9155	0.0639
7.9	0.9878	0.9983	0.9965	0.9899	0.8592	0.9969	0.9305	0.1810

8.0	0.9885	0.9976	0.9958	0.9907	0.8436	0.9954	0.8998	0.2254
8.1	0.9900	0.9976	0.9964	0.9926	0.8617	0.9966	0.9052	0.1766
8.2	0.9902	0.9967	0.9948	0.9923	0.8449	0.9944	0.9179	0.0599
8.3	0.9905	0.9967	0.9960	0.9921	0.8267	0.9953	0.9470	0.0413
8.4	0.9910	0.9949	0.9935	0.9929	0.8368	0.9929	0.9325	0.0401
8.5	0.9902	0.9942	0.9909	0.9920	0.7532	0.9900	0.9219	0.0464
8.6	0.9929	0.9924	0.9926	0.9945	0.7513	0.9926	0.9250	0.0400
8.7	0.9950	0.9952	0.9938	0.9961	0.7940	0.9941	0.9565	0.0489
8.8	0.9946	0.9925	0.9871	0.9947	0.7985	0.9872	0.9474	0.0905
8.9	0.9919	0.9924	0.9845	0.9926	0.8209	0.9849	0.9179	0.4237
9.0	0.9862	0.9848	0.9662	0.9853	0.7912	0.9671	0.5437	0.4659
9.1	0.9869	0.9787	0.9732	0.9856	0.7570	0.9740	0.0477	0.5501
9.2	0.9550	0.9597	0.9164	0.9494	0.6598	0.9183	0.6433	0.2381
9.3	0.9338	0.9546	0.9063	0.9279	0.6004	0.9084	0.8236	0.3594
9.4	0.9471	0.9787	0.9498	0.9465	0.7632	0.9506	0.8641	0.6313
9.5	0.9446	0.9881	0.9655	0.9480	0.8528	0.9653	0.8302	0.5813
9.6	0.9261	0.9907	0.9738	0.9377	0.8397	0.9732	0.8131	0.6044
9.7	0.9203	0.9935	0.9859	0.9377	0.8809	0.9849	0.8086	0.6675
9.8	0.9275	0.9936	0.9883	0.9360	0.8903	0.9874	0.6976	0.5767
9.9	0.9333	0.9948	0.9932	0.9289	0.9059	0.9925	0.5786	0.4539
10.0	0.9476	0.9927	0.9966	0.9317	0.9307	0.9959	0.5249	0.4207
10.1	0.9616	0.9947	0.9955	0.9434	0.9375	0.9945	0.5224	0.2113
10.2	0.9717	0.9963	0.9977	0.9639	0.9337	0.9969	0.4935	0.2810
10.3	0.9765	0.9954	0.9984	0.9715	0.9259	0.9977	0.4810	0.3502
10.4	0.9808	0.9959	0.9987	0.9793	0.9088	0.9981	0.4681	0.2597
10.5	0.9784	0.9948	0.9978	0.9769	0.8952	0.9969	0.4070	0.1575
10.6	0.9805	0.9942	0.9980	0.9797	0.9081	0.9972	0.3854	0.2326
10.7	0.9878	0.9961	0.9979	0.9869	0.9240	0.9965	0.4120	0.4023
10.8	0.9903	0.9972	0.9979	0.9883	0.9222	0.9965	0.5227	0.4303
10.9	0.9916	0.9946	0.9982	0.9901	0.8994	0.9971	0.3453	0.3289
11.0	0.9889	0.9910	0.9984	0.9897	0.9027	0.9967	0.3228	0.2918
11.1	0.9916	0.9930	0.9987	0.9922	0.9236	0.9973	0.3480	0.4447
11.2	0.9908	0.9935	0.9987	0.9914	0.9062	0.9966	0.3061	0.3888
11.3	0.9922	0.9935	0.9987	0.9937	0.9241	0.9963	0.4338	0.5080
11.4	0.9935	0.9948	0.9988	0.9954	0.9259	0.9972	0.4099	0.6042
11.5	0.9917	0.9938	0.9987	0.9943	0.9094	0.9972	0.4156	0.6144
11.6	0.9923	0.9940	0.9987	0.9941	0.9205	0.9975	0.3393	0.7232
11.7	0.9957	0.9951	0.9985	0.9967	0.9286	0.9973	0.3494	0.7673
11.8	0.9967	0.9954	0.9982	0.9972	0.9191	0.9968	0.3663	0.8009
11.9	0.9961	0.9955	0.9981	0.9971	0.8933	0.9961	0.3682	0.7811
12.0	0.9965	0.9960	0.9987	0.9975	0.9041	0.9965	0.4943	0.8485
12.1	0.9963	0.9948	0.9984	0.9973	0.9242	0.9963	0.5289	0.8199
12.2	0.9958	0.9943	0.9977	0.9969	0.9316	0.9959	0.5421	0.7782
12.3	0.9958	0.9925	0.9973	0.9970	0.9162	0.9948	0.5230	0.7613
12.4	0.9946	0.9910	0.9973	0.9960	0.9196	0.9948	0.6327	0.7521
12.5	0.9953	0.9918	0.9973	0.9958	0.9501	0.9948	0.7660	0.7531
12.6	0.9965	0.9909	0.9976	0.9972	0.9585	0.9940	0.7673	0.8586
12.7	0.9953	0.9900	0.9975	0.9961	0.9640	0.9931	0.7770	0.8123
12.8	0.9929	0.9881	0.9959	0.9950	0.9566	0.9900	0.7606	0.7837
12.9	0.9894	0.9826	0.9931	0.9928	0.9364	0.9856	0.7141	0.7693
13.0	0.9936	0.9906	0.9943	0.9927	0.9627	0.9896	0.7326	0.7653
13.1	0.9940	0.9933	0.9953	0.9926	0.9790	0.9912	0.7288	0.7458
13.2	0.9937	0.9941	0.9952	0.9902	0.9827	0.9892	0.6775	0.7423
13.3	0.9944	0.9955	0.9940	0.9908	0.9835	0.9895	0.6944	0.7681
13.4	0.9933	0.9939	0.9931	0.9904	0.9836	0.9856	0.6996	0.7339
13.5	0.9946	0.9958	0.9936	0.9929	0.9861	0.9864	0.7080	0.7740
13.6	0.9921	0.9947	0.9913	0.9898	0.9842	0.9796	0.6371	0.6917
13.7	0.9918	0.9946	0.9926	0.9893	0.9801	0.9652	0.7569	0.6613
13.8	0.9922	0.9960	0.9949	0.9903	0.9832	0.9701	0.7504	0.7213
13.9	0.9905	0.9940	0.9928	0.9888	0.9806	0.9644	0.7675	0.7079
14.0	0.9885	0.9918	0.9908	0.9875	0.9762	0.9632	0.8259	0.6097
14.1	0.9898	0.9937	0.9903	0.9879	0.9807	0.9743	0.9007	0.7373
14.2	0.9912	0.9947	0.9910	0.9892	0.9811	0.9796	0.9164	0.8001
14.3	0.9891	0.9924	0.9916	0.9878	0.9828	0.9847	0.9040	0.8162
14.4	0.9841	0.9894	0.9894	0.9833	0.9791	0.9777	0.9091	0.7967
14.5	0.9794	0.9865	0.9854	0.9780	0.9786	0.9531	0.9145	0.7323
14.6	0.9797	0.9847	0.9834	0.9763	0.9760	0.9545	0.9081	0.8319
14.7	0.9799	0.9860	0.9746	0.9760	0.9778	0.9472	0.9028	0.7781
14.8	0.9753	0.9848	0.9737	0.9731	0.9747	0.9509	0.9008	0.7220
14.9	0.9796	0.9877	0.9825	0.9783	0.9729	0.9684	0.9236	0.6281
15.0	0.9750	0.9836	0.9743	0.9732	0.9725	0.9651	0.9064	0.6004
15.1	0.9632	0.9722	0.9626	0.9589	0.9630	0.9536	0.8826	0.3998
15.2	0.9566	0.9675	0.9644	0.9513	0.9605	0.9485	0.8852	0.5628
15.3	0.9542	0.9604	0.9595	0.9510	0.9558	0.9347	0.8787	0.5091
15.4	0.9224	0.9273	0.9233	0.9160	0.9161	0.9051	0.8552	0.4867
15.5	0.9299	0.9298	0.9280	0.9227	0.9176	0.8958	0.8479	0.6746
15.6	0.9312	0.9264	0.9289	0.9240	0.9243	0.8638	0.8246	0.7160
15.7	0.9078	0.8770	0.8815	0.8982	0.8776	0.8524	0.7749	0.6565
15.8	0.9113	0.8946	0.8974	0.8975	0.8991	0.8779	0.8129	0.5742
15.9	0.9368	0.9497	0.9533	0.9255	0.9493	0.9361	0.8955	0.6956
16.0	0.9586	0.9615	0.9640	0.9448	0.9635	0.9449	0.9044	0.7395
16.1	0.9559	0.9641	0.9676	0.9536	0.9658	0.9603	0.8940	0.6682
16.2	0.9484	0.9690	0.9754	0.9456	0.9638	0.9532	0.8908	0.6089
16.3	0.9433	0.9725	0.9757	0.9380	0.9677	0.9432	0.8813	0.5520
16.4	0.9445	0.9685	0.9681	0.9386	0.9657	0.9393	0.8735	0.2595
16.5	0.9220	0.9699	0.9447	0.9154	0.9630	0.9112	0.8022	0.0444

16.6	0.9250	0.9683	0.9555	0.9180	0.9586	0.9088	0.8336	0.5745
16.7	0.9209	0.9694	0.9796	0.9125	0.9640	0.8970	0.8538	0.7934
16.8	0.9271	0.9741	0.9773	0.9189	0.9669	0.8955	0.8785	0.8222
16.9	0.9308	0.9770	0.9728	0.9228	0.9656	0.9017	0.8637	0.7784
17.0	0.9369	0.9818	0.9767	0.9273	0.9695	0.9090	0.8677	0.6815
17.1	0.9617	0.9871	0.9671	0.9558	0.9739	0.9287	0.8738	0.8235
17.2	0.9461	0.9845	0.9757	0.9383	0.9789	0.9332	0.9035	0.8934
17.3	0.9465	0.9899	0.9803	0.9372	0.9822	0.9323	0.8894	0.8894
17.4	0.9629	0.9948	0.9842	0.9552	0.9847	0.9495	0.9407	0.9150
17.5	0.9642	0.9951	0.9779	0.9582	0.9874	0.9533	0.9319	0.9156
17.6	0.9636	0.9935	0.9807	0.9570	0.9847	0.9547	0.9338	0.9390
17.7	0.9743	0.9948	0.9855	0.9694	0.9873	0.9694	0.9417	0.9423
17.8	0.9713	0.9938	0.9839	0.9655	0.9889	0.9653	0.9552	0.9545
17.9	0.9676	0.9934	0.9828	0.9596	0.9900	0.9561	0.9503	0.9565
18.0	0.9721	0.9913	0.9869	0.9648	0.9885	0.9507	0.9376	0.9493
18.1	0.9788	0.9922	0.9887	0.9731	0.9903	0.9498	0.9396	0.9496
18.2	0.9795	0.9922	0.9885	0.9724	0.9895	0.9405	0.9395	0.9651
18.3	0.9803	0.9883	0.9899	0.9740	0.9882	0.9473	0.9483	0.9737
18.4	0.9798	0.9850	0.9797	0.9728	0.9903	0.8686	0.9487	0.9737
18.5	0.9855	0.9875	0.9362	0.9781	0.9923	0.8741	0.9494	0.9718
18.6	0.9899	0.9915	0.9104	0.9852	0.9946	0.9472	0.9421	0.9805
18.7	0.9878	0.9925	0.9456	0.9809	0.9928	0.9695	0.9266	0.9682
18.8	0.9907	0.9895	0.9703	0.9858	0.9918	0.9909	0.9071	0.9669
18.9	0.9896	0.9873	0.9797	0.9854	0.9910	0.9935	0.8648	0.9690
19.0	0.9887	0.9826	0.9888	0.9825	0.9909	0.9940	0.8379	0.9614
19.1	0.9913	0.9826	0.9905	0.9858	0.9923	0.9935	0.8978	0.9596
19.2	0.9896	0.9779	0.9890	0.9823	0.9908	0.9921	0.8805	0.9548
19.3	0.9889	0.9710	0.9925	0.9820	0.9907	0.9906	0.8936	0.9541
19.4	0.9892	0.9595	0.9927	0.9806	0.9917	0.9922	0.9108	0.9531
19.5	0.9860	0.9438	0.9899	0.9688	0.9901	0.9907	0.8994	0.9501
19.6	0.9917	0.9488	0.9915	0.9811	0.9913	0.9937	0.9223	0.9629
19.7	0.9898	0.9176	0.9894	0.9724	0.9930	0.9910	0.9127	0.9611
19.8	0.9896	0.8971	0.9892	0.9712	0.9918	0.9898	0.8976	0.9656
19.9	0.9906	0.8694	0.9906	0.9690	0.9906	0.9934	0.9102	0.9752
20.0	0.9911	0.8732	0.9932	0.9604	0.9911	0.9922	0.9236	0.9718
20.1	0.9924	0.9094	0.9935	0.9652	0.9925	0.9942	0.9177	0.9753
20.2	0.9903	0.8870	0.9913	0.9525	0.9915	0.9928	0.9021	0.9729
20.3	0.9894	0.9235	0.9924	0.9616	0.9916	0.9934	0.8916	0.9804
20.4	0.9897	0.9359	0.9916	0.9668	0.9923	0.9935	0.8473	0.9795
20.5	0.9900	0.9471	0.9923	0.9683	0.9920	0.9943	0.8241	0.9798
20.6	0.9865	0.9558	0.9915	0.9734	0.9869	0.9926	0.8070	0.9781
20.7	0.9852	0.9625	0.9909	0.9752	0.9900	0.9884	0.8352	0.9807
20.8	0.9853	0.9753	0.9905	0.9804	0.9910	0.9895	0.8875	0.9852
20.9	0.9836	0.9609	0.9873	0.9809	0.9876	0.9875	0.8365	0.9737
21.0	0.9786	0.9646	0.9870	0.9793	0.9868	0.9845	0.7677	0.9679
21.1	0.9724	0.9584	0.9843	0.9747	0.9845	0.9806	0.7841	0.9639
21.2	0.9806	0.9632	0.9904	0.9798	0.9815	0.9827	0.7986	0.9669
21.3	0.9808	0.9650	0.9922	0.9816	0.9839	0.9868	0.7791	0.9732
21.4	0.9794	0.9752	0.9893	0.9827	0.9841	0.9866	0.7160	0.9741
21.5	0.9747	0.9786	0.9880	0.9832	0.9813	0.9824	0.6575	0.9687
21.6	0.9716	0.9790	0.9895	0.9816	0.9807	0.9850	0.6479	0.9720
21.7	0.9763	0.9850	0.9902	0.9816	0.9854	0.9873	0.6564	0.9770
21.8	0.9740	0.9782	0.9887	0.9825	0.9799	0.9821	0.4820	0.9744
21.9	0.9710	0.9694	0.9850	0.9790	0.9685	0.9784	0.3187	0.9685
22.0	0.9762	0.9723	0.9867	0.9792	0.9624	0.9761	0.3298	0.9632
22.1	0.9698	0.9767	0.9889	0.9764	0.9712	0.9754	0.2561	0.9660
22.2	0.9722	0.9782	0.9914	0.9762	0.9779	0.9789	0.3318	0.9736
22.3	0.9715	0.9716	0.9905	0.9760	0.9703	0.9788	0.2454	0.9705
22.4	0.9652	0.9528	0.9874	0.9738	0.9613	0.9711	0.2361	0.9664
22.5	0.9724	0.9607	0.9900	0.9806	0.9707	0.9793	0.3471	0.9775
22.6	0.9605	0.9370	0.9862	0.9796	0.9565	0.9729	0.0598	0.9665
22.7	0.9447	0.8925	0.9844	0.9771	0.9459	0.9695	0.0197	0.9550
22.8	0.9686	0.9072	0.9888	0.9786	0.9533	0.9745	0.0191	0.9589
22.9	0.9460	0.8620	0.9864	0.9731	0.9413	0.9760	0.0023	0.9646
23.0	0.9505	0.8359	0.9879	0.9760	0.9587	0.9773	0.0067	0.9650
23.1	0.9526	0.7800	0.9899	0.9781	0.9485	0.9754	0.1339	0.9527
23.2	0.9599	0.7345	0.9925	0.9834	0.9547	0.9811	0.2097	0.9668
23.3	0.9549	0.6576	0.9903	0.9798	0.9493	0.9768	0.1662	0.9585
23.4	0.9508	0.5560	0.9894	0.9725	0.9386	0.9769	0.2694	0.9339
23.5	0.9443	0.4913	0.9887	0.9713	0.9291	0.9756	0.2057	0.9211
23.6	0.9233	0.6156	0.9850	0.9575	0.9260	0.9757	0.1450	0.8923
23.7	0.9442	0.6429	0.9922	0.9688	0.9375	0.9747	0.1913	0.9001
23.8	0.9544	0.6299	0.9917	0.9763	0.9158	0.9717	0.1775	0.8891
23.9	0.9458	0.6278	0.9869	0.9712	0.9043	0.9651	0.2460	0.8597
24.0	0.9442	0.6883	0.9896	0.9693	0.8894	0.9691	0.3384	0.8769
24.1	0.9347	0.6455	0.9893	0.9647	0.8443	0.9633	0.2023	0.8395
24.2	0.9035	0.5803	0.9848	0.9474	0.8084	0.9661	0.0171	0.8277
24.3	0.8896	0.5968	0.9849	0.9418	0.7838	0.9568	0.0958	0.8163
24.4	0.8961	0.6563	0.9830	0.9422	0.7645	0.9454	0.3235	0.7712
24.5	0.8963	0.6593	0.9817	0.9356	0.7301	0.9575	0.3933	0.7248
24.6	0.8998	0.6890	0.9729	0.9350	0.6925	0.9660	0.3671	0.7367
24.7	0.8864	0.6488	0.9758	0.9266	0.6760	0.9702	0.4158	0.7372
24.8	0.9152	0.6733	0.9845	0.9496	0.6985	0.9701	0.6146	0.7954
24.9	0.9090	0.6904	0.9820	0.9450	0.7099	0.9700	0.5817	0.8400
25.0	0.9136	0.8135	0.9828	0.9412	0.7226	0.9744	0.6881	0.8574
25.1	0.9001	0.7723	0.9789	0.9184	0.6734	0.9638	0.6593	0.8052

25.2	0.8702	0.7348	0.9712	0.8840	0.6193	0.9542	0.5311	0.7799
25.3	0.8424	0.7286	0.9696	0.8708	0.5585	0.9488	0.4329	0.7392
25.4	0.8506	0.7562	0.9719	0.8500	0.5436	0.9503	0.1926	0.7325
25.5	0.8495	0.8424	0.9749	0.8425	0.5156	0.9598	0.2557	0.7757
25.6	0.8834	0.8615	0.9797	0.8782	0.5509	0.9596	0.3938	0.7745
25.7	0.8189	0.8354	0.9737	0.7767	0.5575	0.9530	0.3506	0.6613
25.8	0.8278	0.9024	0.9772	0.7239	0.5769	0.9592	0.2448	0.5523
25.9	0.8173	0.9349	0.9813	0.6977	0.4916	0.9644	0.2926	0.5800
26.0	0.8293	0.9410	0.9841	0.5721	0.5045	0.9719	0.3717	0.5485
26.1	0.8023	0.9415	0.9792	0.4667	0.5893	0.9589	0.4118	0.6296
26.2	0.7175	0.9206	0.9642	0.2756	0.4213	0.9302	0.3081	0.5694
26.3	0.6339	0.9079	0.9582	0.1680	0.4667	0.9239	0.1851	0.5944
26.4	0.6937	0.9346	0.9700	0.2781	0.5763	0.9445	0.1702	0.6540
26.5	0.7166	0.9525	0.9697	0.4505	0.5124	0.9589	0.2662	0.7827
26.6	0.7153	0.9636	0.9743	0.5491	0.5663	0.9663	0.1325	0.8132
26.7	0.6722	0.9623	0.9709	0.5157	0.6521	0.9511	0.0344	0.7293
26.8	0.5612	0.9553	0.9603	0.5246	0.6315	0.9450	0.1021	0.6982
26.9	0.4816	0.9525	0.9564	0.5947	0.6050	0.9499	0.0953	0.7121
27.0	0.4511	0.9415	0.9511	0.6252	0.4774	0.9324	0.0546	0.7667
27.1	0.4639	0.9201	0.9475	0.6576	0.4824	0.9305	0.0277	0.7440
27.2	0.5910	0.9069	0.9409	0.6871	0.5668	0.9251	0.0270	0.7015
27.3	0.5735	0.9310	0.9460	0.6857	0.6186	0.9207	0.0582	0.6694
27.4	0.6718	0.9387	0.9573	0.7313	0.5826	0.9317	0.0897	0.6955
27.5	0.6381	0.9130	0.9369	0.7031	0.5391	0.9188	0.0550	0.6856
27.6	0.6788	0.8970	0.9151	0.6400	0.5105	0.9043	0.1096	0.6471
27.7	0.7174	0.8939	0.9174	0.7408	0.4301	0.9159	0.0540	0.6404
27.8	0.8050	0.8750	0.9138	0.7583	0.4481	0.9103	0.0615	0.6418
27.9	0.8266	0.8550	0.9031	0.7192	0.3318	0.8941	0.0336	0.5520
28.0	0.8435	0.8562	0.8768	0.7317	0.1110	0.8479	0.0301	0.5305
28.1	0.9177	0.8688	0.9176	0.7807	0.1556	0.8843	0.0132	0.5374
28.2	0.9107	0.7442	0.8851	0.7453	0.1227	0.8299	0.0648	0.3805
28.3	0.9092	0.5581	0.8332	0.7523	0.0564	0.7025	0.0889	0.0781
28.4	0.9173	0.6225	0.8057	0.7997	0.0277	0.7528	0.0285	0.0609
28.5	0.9246	0.5985	0.8208	0.8317	0.0505	0.6683	0.0356	0.1078
28.6	0.9377	0.5888	0.8543	0.8571	0.1098	0.7057	0.0115	0.0549
28.7	0.9445	0.4833	0.8232	0.8818	0.0484	0.7096	0.0134	0.0315
28.8	0.9497	0.5511	0.8175	0.8923	0.0333	0.5880	0.0208	0.0326
28.9	0.9454	0.6462	0.8507	0.9007	0.0267	0.5581	0.0825	0.0350
29.0	0.9578	0.7020	0.9068	0.9216	0.0667	0.4415	0.0116	0.1251
29.1	0.9597	0.6663	0.8992	0.9169	0.1675	0.4706	0.0120	0.0718
29.2	0.9644	0.7187	0.8727	0.9297	0.0425	0.5591	0.0447	0.0422
29.3	0.9666	0.7546	0.8771	0.9434	0.0043	0.5605	0.0182	0.1506
29.4	0.9622	0.6875	0.8749	0.9274	0.0645	0.4585	0.0314	0.2789
29.5	0.9675	0.8162	0.9178	0.9517	0.0254	0.6645	0.0648	0.3360
29.6	0.9662	0.8083	0.8726	0.9459	0.0365	0.6875	0.0821	0.3188
29.7	0.9597	0.7553	0.8568	0.9319	0.0325	0.6020	0.0513	0.3238
29.8	0.9746	0.8227	0.9062	0.9523	0.1806	0.6760	0.1371	0.4430
29.9	0.9681	0.8430	0.8243	0.9479	0.2384	0.6051	0.2310	0.4442
30.0	0.9614	0.8422	0.7956	0.9546	0.2144	0.7402	0.2400	0.5183
30.1	0.9685	0.8149	0.8531	0.9587	0.3006	0.7659	0.1895	0.4739
30.2	0.9700	0.8061	0.8079	0.9650	0.1759	0.7203	0.1495	0.4071
30.3	0.9704	0.7782	0.6949	0.9520	0.0860	0.7627	0.1878	0.3736
30.4	0.9547	0.7525	0.6379	0.9501	0.1365	0.7818	0.1490	0.3677
30.5	0.9493	0.8069	0.6599	0.9673	0.1142	0.7757	0.3113	0.4996
30.6	0.9285	0.7876	0.5031	0.9699	0.1422	0.7887	0.4068	0.5227
30.7	0.9445	0.8110	0.5763	0.9618	0.1300	0.8243	0.2814	0.4910
30.8	0.9567	0.8452	0.6546	0.9708	0.1607	0.8766	0.3412	0.6238
30.9	0.9333	0.7342	0.5659	0.9538	0.2397	0.8346	0.2747	0.4100
31.0	0.9338	0.7149	0.6138	0.9455	0.2058	0.8612	0.3234	0.4571
31.1	0.9407	0.7892	0.6463	0.9597	0.2111	0.8947	0.3601	0.6075
31.2	0.9174	0.8160	0.6729	0.9662	0.1368	0.8940	0.3632	0.6420
31.3	0.8898	0.7738	0.6783	0.9582	0.1952	0.9033	0.3017	0.5148
31.4	0.8622	0.7513	0.6579	0.9537	0.2001	0.8906	0.4167	0.4729
31.5	0.9065	0.7432	0.7778	0.9551	0.4435	0.9018	0.4037	0.5029
31.6	0.9207	0.7417	0.8218	0.9513	0.4349	0.9109	0.3608	0.4878
31.7	0.9079	0.7749	0.8241	0.9491	0.3515	0.9426	0.2667	0.5718
31.8	0.9295	0.8208	0.8959	0.9598	0.4525	0.9426	0.3307	0.6435
31.9	0.9016	0.7036	0.8221	0.9316	0.3988	0.9069	0.2922	0.4605
32.0	0.8804	0.5963	0.8342	0.9173	0.3995	0.9103	0.2057	0.4534
32.1	0.9030	0.6877	0.8613	0.9394	0.5275	0.9248	0.3125	0.5041
32.2	0.9204	0.7127	0.8936	0.9447	0.5861	0.9335	0.3726	0.5369
32.3	0.9415	0.7537	0.9102	0.9480	0.6746	0.9297	0.3465	0.5447
32.4	0.9490	0.7761	0.9140	0.9440	0.6527	0.9241	0.3543	0.5730
32.5	0.9579	0.7863	0.9347	0.9566	0.6438	0.9342	0.3133	0.6273
32.6	0.9651	0.7627	0.9374	0.9577	0.6866	0.9454	0.3785	0.5895
32.7	0.9705	0.8046	0.9446	0.9715	0.7820	0.9553	0.5244	0.6532
32.8	0.9651	0.7890	0.9460	0.9665	0.8051	0.9477	0.4303	0.5958
32.9	0.9549	0.7302	0.9292	0.9497	0.6858	0.9255	0.4737	0.4369
33.0	0.9711	0.7392	0.9545	0.9626	0.7322	0.9393	0.3743	0.4760
33.1	0.9801	0.7513	0.9689	0.9713	0.7514	0.9628	0.2941	0.5784
33.2	0.9845	0.7840	0.9722	0.9829	0.7876	0.9672	0.3829	0.6736
33.3	0.9898	0.8510	0.9807	0.9878	0.8191	0.9733	0.5227	0.8172
33.4	0.9837	0.7841	0.9736	0.9775	0.7105	0.9631	0.3840	0.7941
33.5	0.9844	0.7820	0.9743	0.9805	0.7178	0.9670	0.4954	0.8484
33.6	0.9865	0.8108	0.9797	0.9849	0.6933	0.9725	0.5802	0.9107
33.7	0.9826	0.8182	0.9789	0.9829	0.6606	0.9694	0.5178	0.9310

33.8	0.9786	0.8181	0.9725	0.9806	0.6095	0.9708	0.5750	0.9315
33.9	0.9771	0.8630	0.9663	0.9757	0.5986	0.9652	0.5300	0.9256
34.0	0.9770	0.8797	0.9651	0.9749	0.7241	0.9632	0.5120	0.9286
34.1	0.9715	0.8930	0.9580	0.9701	0.8150	0.9518	0.5537	0.9303
34.2	0.9518	0.9085	0.9350	0.9502	0.8139	0.9301	0.5641	0.9176
34.3	0.9450	0.9236	0.9297	0.9443	0.8659	0.9235	0.6913	0.9144
34.4	0.9400	0.9296	0.9242	0.9398	0.8565	0.9222	0.6327	0.9097
34.5	0.9365	0.9379	0.9260	0.9371	0.8122	0.9136	0.7147	0.9111
34.6	0.9440	0.9491	0.9300	0.9431	0.8439	0.9167	0.7706	0.9186
34.7	0.9696	0.9731	0.9586	0.9697	0.9168	0.9483	0.8232	0.9537
34.8	0.9483	0.9616	0.9396	0.9512	0.8873	0.9098	0.7377	0.9341
34.9	0.9657	0.9795	0.9739	0.9738	0.9068	0.9339	0.6305	0.9639
35.0	0.9667	0.9682	0.9752	0.9698	0.8454	0.9101	0.5177	0.9478
35.1	0.9362	0.9564	0.9558	0.9550	0.6848	0.7996	0.3204	0.9202
35.2	0.9243	0.9536	0.9637	0.9483	0.6177	0.8548	0.2584	0.9260
35.3	0.8929	0.9348	0.9591	0.9146	0.6800	0.8917	0.3273	0.9065
35.4	0.7667	0.9126	0.9375	0.8784	0.5638	0.8751	0.2840	0.8459
35.5	0.6158	0.8878	0.9326	0.8116	0.4252	0.9167	0.2158	0.7827
35.6	0.4245	0.8559	0.9225	0.6518	0.3551	0.8711	0.1692	0.7660
35.7	0.2794	0.7867	0.8803	0.5074	0.0888	0.8145	0.2409	0.5707
35.8	0.0878	0.7046	0.8210	0.2236	0.0253	0.7767	0.3488	0.3152
35.9	0.3148	0.7374	0.8894	0.0897	0.0132	0.8739	0.4484	0.2567
36.0	0.5143	0.7092	0.8644	0.0249	0.0851	0.8471	0.3784	0.1434
36.1	0.6745	0.7202	0.8178	0.2999	0.0132	0.8601	0.4372	0.1349
36.2	0.7341	0.7185	0.7891	0.5200	0.0605	0.9029	0.4486	0.1621
36.3	0.7569	0.7120	0.7619	0.5530	0.1110	0.8895	0.2596	0.1079
36.4	0.8470	0.7989	0.6673	0.7602	0.1218	0.8809	0.4428	0.0996
36.5	0.8766	0.8254	0.6938	0.8152	0.1182	0.9108	0.5663	0.1279
36.6	0.8720	0.7705	0.6084	0.7989	0.2026	0.9011	0.4830	0.2019
36.7	0.9121	0.8226	0.6069	0.8610	0.1875	0.9309	0.4665	0.2652
36.8	0.9090	0.8361	0.6334	0.8725	0.2783	0.9417	0.4943	0.3379
36.9	0.9070	0.7999	0.5140	0.8756	0.3093	0.9390	0.4996	0.3014
37.0	0.9066	0.7859	0.5107	0.8808	0.3735	0.9314	0.4920	0.1680
37.1	0.9355	0.8185	0.5867	0.9280	0.4351	0.9438	0.5393	0.2505
37.2	0.9444	0.8644	0.6276	0.9304	0.4543	0.9526	0.6326	0.3731
37.3	0.9153	0.8380	0.6331	0.8963	0.3462	0.9460	0.6124	0.2734
37.4	0.8966	0.8033	0.6300	0.8733	0.3607	0.9280	0.6053	0.2584
37.5	0.9242	0.8495	0.6770	0.8994	0.5000	0.9368	0.6252	0.1676
37.6	0.9359	0.8772	0.7627	0.9167	0.4991	0.9515	0.6572	0.2408
37.7	0.9251	0.8706	0.7771	0.9164	0.5688	0.9478	0.6804	0.3740
37.8	0.8985	0.8375	0.7485	0.8911	0.5372	0.9397	0.6388	0.2957
37.9	0.9188	0.7965	0.7722	0.9086	0.5005	0.9469	0.5776	0.2949
38.0	0.9026	0.7845	0.7379	0.8933	0.5673	0.9453	0.5910	0.2832
38.1	0.9067	0.8142	0.7266	0.8895	0.5782	0.9528	0.5263	0.2673
38.2	0.9268	0.8085	0.7926	0.9208	0.6346	0.9616	0.5696	0.2861
38.3	0.9413	0.8109	0.8180	0.9376	0.6412	0.9655	0.6172	0.2708
38.4	0.9473	0.7423	0.8539	0.9390	0.6492	0.9707	0.5896	0.2455
38.5	0.9338	0.6724	0.7879	0.9231	0.5924	0.9621	0.5371	0.1411
38.6	0.9590	0.7056	0.8092	0.9514	0.6542	0.9740	0.6834	0.2480
38.7	0.9608	0.7126	0.8160	0.9563	0.6779	0.9731	0.7101	0.4019
38.8	0.9618	0.6722	0.8033	0.9535	0.6428	0.9732	0.6713	0.3715
38.9	0.9537	0.4697	0.7551	0.9517	0.4862	0.9669	0.5904	0.2246
39.0	0.9628	0.3815	0.7885	0.9583	0.5485	0.9763	0.6159	0.1712
39.1	0.9563	0.4620	0.7730	0.9437	0.6297	0.9734	0.5821	0.2026
39.2	0.9531	0.5172	0.7452	0.9398	0.7092	0.9661	0.5724	0.1146
39.3	0.9562	0.4822	0.7395	0.9457	0.6945	0.9645	0.5232	0.0555
39.4	0.9662	0.4816	0.7811	0.9552	0.6746	0.9632	0.5547	0.1334
39.5	0.9671	0.4568	0.7728	0.9527	0.5959	0.9599	0.4774	0.1473
39.6	0.9747	0.3670	0.7516	0.9575	0.6013	0.9687	0.5573	0.2110
39.7	0.9737	0.3335	0.6633	0.9619	0.5866	0.9671	0.6126	0.2224
39.8	0.9667	0.2564	0.6557	0.9413	0.5131	0.9558	0.5756	0.1924
39.9	0.9702	0.1965	0.6774	0.9395	0.4937	0.9570	0.5962	0.1906
40.0	0.9741	0.2441	0.6991	0.9466	0.6010	0.9545	0.6535	0.2689
40.1	0.9738	0.3787	0.6045	0.9473	0.6426	0.9596	0.7250	0.4200
40.2	0.9599	0.2481	0.4899	0.9131	0.5079	0.9286	0.5101	0.2740
40.3	0.9594	0.1948	0.5169	0.9258	0.5386	0.9301	0.5060	0.2856
40.4	0.9585	0.1188	0.5454	0.9124	0.4523	0.9133	0.4403	0.2798
40.5	0.9512	0.1895	0.3785	0.9052	0.4353	0.9085	0.4383	0.3870
40.6	0.9498	0.2066	0.2299	0.9036	0.4905	0.9407	0.5409	0.4199
40.7	0.9398	0.2000	0.2832	0.8928	0.4181	0.9416	0.6388	0.4407
40.8	0.9486	0.3142	0.1441	0.8995	0.4696	0.9501	0.7369	0.5550
40.9	0.9436	0.3363	0.0662	0.8958	0.5174	0.9613	0.7964	0.6091
41.0	0.9301	0.2178	0.0373	0.8784	0.3973	0.9407	0.7197	0.5471
41.1	0.9240	0.0906	0.0092	0.8663	0.3230	0.9372	0.6679	0.4106
41.2	0.9304	0.1684	0.0431	0.8691	0.4180	0.9551	0.7523	0.5268
41.3	0.9204	0.1413	0.1391	0.8587	0.2928	0.9455	0.6294	0.5347
41.4	0.9148	0.2601	0.1508	0.8572	0.2317	0.9387	0.6811	0.6265
41.5	0.9265	0.1878	0.0603	0.8668	0.3714	0.9407	0.6992	0.6207
41.6	0.9010	0.1733	0.0079	0.8134	0.3444	0.9463	0.6664	0.5792
41.7	0.9117	0.0643	0.0022	0.8282	0.4107	0.9499	0.5718	0.5617
41.8	0.9275	0.0995	0.0120	0.8464	0.3574	0.9478	0.6437	0.6554
41.9	0.9427	0.0455	0.0044	0.8712	0.3478	0.9735	0.6930	0.6759
42.0	0.9305	0.0323	0.0253	0.8491	0.2467	0.9688	0.6092	0.5917
42.1	0.9356	0.0721	0.0193	0.8443	0.2119	0.9712	0.5776	0.6407
42.2	0.9401	0.2259	0.0168	0.8409	0.1959	0.9791	0.6237	0.7265
42.3	0.9245	0.1796	0.0367	0.8314	0.1024	0.9795	0.5921	0.6898

42.4	0.9131	0.1126	0.0330	0.8135	0.1091	0.9687	0.4427	0.6282
42.5	0.9466	0.1418	0.0405	0.8654	0.0803	0.9680	0.4650	0.6617
42.6	0.9595	0.0822	0.0428	0.8974	0.0720	0.9712	0.4336	0.6733
42.7	0.9574	0.1106	0.0226	0.8875	0.1794	0.9656	0.4512	0.6563
42.8	0.9519	0.0482	0.0389	0.8954	0.1594	0.9662	0.2820	0.5256
42.9	0.9318	0.0181	0.0768	0.8812	0.0726	0.9560	0.2408	0.4698
43.0	0.9585	0.0983	0.0991	0.9164	0.0734	0.9767	0.4057	0.6663
43.1	0.9656	0.1398	0.1629	0.9291	0.1060	0.9705	0.4442	0.6674
43.2	0.9664	0.1407	0.2064	0.9365	0.1218	0.9386	0.4215	0.6250
43.3	0.9711	0.2618	0.2737	0.9446	0.1235	0.8505	0.3617	0.5675
43.4	0.9733	0.2434	0.3124	0.9558	0.0759	0.9265	0.2785	0.6085
43.5	0.9609	0.1810	0.3666	0.9434	0.1484	0.9291	0.2998	0.5921
43.6	0.9524	0.0564	0.3070	0.9370	0.2332	0.9157	0.3728	0.6319
43.7	0.9613	0.0815	0.2987	0.9465	0.2237	0.9199	0.3490	0.6001
43.8	0.9601	0.2644	0.2452	0.9432	0.1521	0.9233	0.3234	0.5342
43.9	0.9631	0.4064	0.4462	0.9465	0.0768	0.9023	0.3767	0.6443
44.0	0.9671	0.4023	0.5046	0.9515	0.0850	0.8704	0.3911	0.6659
44.1	0.9630	0.5249	0.5700	0.9448	0.0678	0.8283	0.3828	0.6704
44.2	0.9644	0.4674	0.6474	0.9508	0.0998	0.8813	0.4044	0.6965
44.3	0.9765	0.4601	0.7380	0.9644	0.2278	0.9365	0.4815	0.7794
44.4	0.9756	0.3268	0.6189	0.9604	0.2121	0.9229	0.4079	0.7316
44.5	0.9818	0.5449	0.6118	0.9700	0.1753	0.9421	0.5230	0.7609
44.6	0.9758	0.5552	0.4383	0.9646	0.1340	0.9285	0.3572	0.7284
44.7	0.9778	0.4657	0.4621	0.9671	0.0588	0.9053	0.3084	0.7013
44.8	0.9812	0.4269	0.6172	0.9754	0.0448	0.7999	0.2007	0.5968
44.9	0.9775	0.4201	0.7722	0.9754	0.0399	0.8012	0.2411	0.5830
45.0	0.9802	0.4382	0.8148	0.9775	0.0834	0.9096	0.4345	0.7139
45.1	0.9813	0.5090	0.7744	0.9779	0.0290	0.9372	0.4121	0.7844
45.2	0.9834	0.3518	0.7385	0.9809	0.0432	0.9403	0.4329	0.8009
45.3	0.9852	0.5326	0.7682	0.9831	0.0518	0.9313	0.4037	0.8131
45.4	0.9830	0.5904	0.6561	0.9820	0.0791	0.8732	0.2893	0.7352
45.5	0.9863	0.4646	0.7412	0.9839	0.0153	0.9089	0.1990	0.7433
45.6	0.9848	0.3991	0.7996	0.9822	0.0040	0.9131	0.1614	0.7024
45.7	0.9834	0.3998	0.8366	0.9814	0.0283	0.8325	0.1370	0.6468
45.8	0.9866	0.5132	0.8756	0.9852	0.0543	0.8530	0.3190	0.6667
45.9	0.9903	0.5967	0.8962	0.9893	0.0715	0.9168	0.2181	0.7057
46.0	0.9903	0.6510	0.8800	0.9896	0.1539	0.9187	0.1208	0.7321
46.1	0.9862	0.6331	0.8600	0.9875	0.0665	0.8999	0.1086	0.6476
46.2	0.9822	0.5290	0.7535	0.9851	0.0067	0.8350	0.0122	0.4816
46.3	0.9892	0.5856	0.8764	0.9905	0.0114	0.8946	0.0540	0.6356
46.4	0.9933	0.7595	0.9542	0.9935	0.0158	0.9561	0.0511	0.6487
46.5	0.9911	0.7364	0.9477	0.9919	0.0600	0.9550	0.0305	0.5627
46.6	0.9892	0.5813	0.9122	0.9890	0.0478	0.9410	0.0467	0.5418
46.7	0.9884	0.6111	0.8880	0.9880	0.1024	0.9348	0.0079	0.4951
46.8	0.9856	0.6539	0.8565	0.9865	0.0824	0.9330	0.0203	0.5119
46.9	0.9888	0.6668	0.9081	0.9899	0.0981	0.9554	0.1375	0.6702
47.0	0.9853	0.5720	0.8717	0.9862	0.0212	0.9320	0.1022	0.5834
47.1	0.9858	0.6109	0.7784	0.9873	0.0838	0.9025	0.1167	0.5275
47.2	0.9877	0.7771	0.8295	0.9896	0.1478	0.9562	0.1993	0.6977
47.3	0.9871	0.8093	0.8793	0.9904	0.1929	0.9765	0.2142	0.7739
47.4	0.9880	0.7538	0.9132	0.9908	0.1524	0.9749	0.1492	0.7410
47.5	0.9897	0.6944	0.9167	0.9912	0.0803	0.9569	0.0375	0.5887
47.6	0.9885	0.4723	0.9323	0.9903	0.0619	0.9317	0.0711	0.6358
47.7	0.9896	0.5075	0.9614	0.9905	0.0807	0.9607	0.1576	0.7420
47.8	0.9812	0.4830	0.8881	0.9838	0.2338	0.9452	0.2201	0.7370
47.9	0.9839	0.6706	0.8651	0.9893	0.2361	0.9201	0.1151	0.6939
48.0	0.9863	0.7216	0.9192	0.9895	0.1772	0.9540	0.1241	0.7746
48.1	0.9854	0.7250	0.9127	0.9884	0.1890	0.9688	0.1695	0.8129
48.2	0.9878	0.6960	0.9431	0.9902	0.2042	0.9785	0.1699	0.8036
48.3	0.9861	0.6560	0.9160	0.9899	0.2171	0.9729	0.1930	0.7412
48.4	0.9863	0.6074	0.9447	0.9897	0.2753	0.9752	0.2275	0.7217
48.5	0.9794	0.5831	0.9109	0.9847	0.1379	0.9637	0.1524	0.6657
48.6	0.9844	0.7159	0.9393	0.9887	0.1125	0.9770	0.1343	0.6742
48.7	0.9841	0.7321	0.9385	0.9895	0.1239	0.9821	0.2013	0.7693
48.8	0.9853	0.4762	0.9156	0.9877	0.2362	0.9768	0.1129	0.7158
48.9	0.9859	0.4237	0.9389	0.9887	0.3774	0.9763	0.0401	0.6447
49.0	0.9816	0.2185	0.9265	0.9879	0.3743	0.9719	0.0216	0.5869
49.1	0.9836	0.1523	0.9109	0.9868	0.2661	0.9792	0.0134	0.5798
49.2	0.9840	0.1047	0.8924	0.9894	0.2348	0.9675	0.0470	0.6902
49.3	0.9854	0.0324	0.9370	0.9917	0.2820	0.9725	0.0923	0.7991
49.4	0.9840	0.1391	0.9569	0.9906	0.2968	0.9773	0.0258	0.8076
49.5	0.9849	0.3822	0.9465	0.9909	0.3560	0.9854	0.0035	0.8153
49.6	0.9881	0.5270	0.9534	0.9925	0.3704	0.9817	0.1702	0.8611
49.7	0.9831	0.5110	0.9216	0.9897	0.3176	0.9746	0.0739	0.8467
49.8	0.9820	0.4506	0.9299	0.9884	0.4085	0.9734	0.0353	0.8351
49.9	0.9891	0.4738	0.9449	0.9913	0.6267	0.9737	0.1909	0.8258
50.0	0.9886	0.6127	0.9483	0.9924	0.6464	0.9849	0.1542	0.8212
50.1	0.9845	0.6706	0.9591	0.9900	0.5989	0.9847	0.2467	0.8015
50.2	0.9849	0.7928	0.9647	0.9914	0.6157	0.9873	0.3542	0.8557
50.3	0.9881	0.7522	0.9525	0.9935	0.6467	0.9852	0.4514	0.8287
50.4	0.9854	0.7405	0.9544	0.9915	0.6573	0.9865	0.5354	0.7811
50.5	0.9854	0.7745	0.9516	0.9902	0.6344	0.9895	0.6042	0.8327
50.6	0.9844	0.7139	0.9275	0.9907	0.6908	0.9898	0.5861	0.8653
50.7	0.9880	0.7726	0.9248	0.9898	0.7422	0.9786	0.5836	0.8034
50.8	0.9878	0.8432	0.9191	0.9893	0.7191	0.9739	0.6001	0.8150
50.9	0.9887	0.8855	0.9303	0.9923	0.6973	0.9788	0.7159	0.9200

51.0	0.9884	0.8578	0.9387	0.9942	0.7758	0.9824	0.7859	0.8949
51.1	0.9886	0.7601	0.9412	0.9918	0.6692	0.9783	0.6999	0.8503
51.2	0.9868	0.7171	0.9297	0.9910	0.6113	0.9852	0.6712	0.9012
51.3	0.9867	0.8670	0.9424	0.9922	0.7415	0.9827	0.6687	0.9054
51.4	0.9870	0.8296	0.9100	0.9927	0.6858	0.9755	0.6761	0.8978
51.5	0.9882	0.8454	0.9150	0.9916	0.7421	0.9812	0.6892	0.8937
51.6	0.9871	0.8873	0.9244	0.9912	0.8077	0.9796	0.6923	0.9088
51.7	0.9870	0.8990	0.9477	0.9895	0.8363	0.9835	0.7719	0.9107
51.8	0.9882	0.9229	0.9626	0.9902	0.8546	0.9873	0.8406	0.9242
51.9	0.9846	0.7998	0.9010	0.9863	0.7413	0.9770	0.8224	0.9029
52.0	0.9892	0.8704	0.9281	0.9875	0.8257	0.9802	0.8424	0.9307
52.1	0.9849	0.9299	0.9341	0.9845	0.8891	0.9797	0.8309	0.9209
52.2	0.9883	0.9520	0.9411	0.9881	0.9283	0.9841	0.8804	0.9545
52.3	0.9875	0.9473	0.8852	0.9854	0.9381	0.9735	0.9013	0.9252
52.4	0.9860	0.9266	0.8620	0.9800	0.9327	0.9750	0.9063	0.9139
52.5	0.9849	0.9310	0.8790	0.9842	0.9464	0.9710	0.9171	0.9373
52.6	0.9862	0.9137	0.8846	0.9881	0.9152	0.9671	0.9080	0.9451
52.7	0.9914	0.8589	0.8104	0.9848	0.8695	0.9662	0.8894	0.9276
52.8	0.9910	0.9335	0.9020	0.9875	0.9370	0.9818	0.9198	0.9564
52.9	0.9908	0.9412	0.9462	0.9882	0.9395	0.9901	0.9250	0.9638
53.0	0.9916	0.9490	0.9494	0.9860	0.9472	0.9906	0.9202	0.9628
53.1	0.9871	0.9497	0.9613	0.9794	0.9444	0.9884	0.9180	0.9614
53.2	0.9873	0.9419	0.9442	0.9743	0.9466	0.9824	0.9272	0.9428
53.3	0.9837	0.9307	0.8035	0.9815	0.9413	0.9680	0.9287	0.9254
53.4	0.9856	0.9217	0.5717	0.9841	0.9366	0.9823	0.9280	0.9282
53.5	0.9849	0.9418	0.8669	0.9819	0.9412	0.9845	0.9311	0.9525
53.6	0.9853	0.9666	0.9218	0.9816	0.9648	0.9841	0.9201	0.9434
53.7	0.9886	0.9780	0.9340	0.9803	0.9752	0.9837	0.9335	0.9476
53.8	0.9903	0.9747	0.9351	0.9772	0.9733	0.9802	0.9384	0.9453
53.9	0.9880	0.9771	0.9704	0.9720	0.9764	0.9886	0.9456	0.9692
54.0	0.9905	0.9819	0.9721	0.9732	0.9819	0.9887	0.9513	0.9745
54.1	0.9893	0.9767	0.9432	0.9727	0.9729	0.9798	0.9219	0.9567
54.2	0.9886	0.9702	0.9605	0.9569	0.9693	0.9838	0.9295	0.9564
54.3	0.9903	0.9782	0.9775	0.9535	0.9790	0.9888	0.9538	0.9782
54.4	0.9906	0.9810	0.9733	0.9188	0.9795	0.9880	0.9360	0.9829
54.5	0.9906	0.9827	0.9786	0.8837	0.9810	0.9912	0.9369	0.9846
54.6	0.9866	0.9771	0.9641	0.8739	0.9764	0.9842	0.9242	0.9685
54.7	0.9856	0.9851	0.9673	0.9175	0.9832	0.9883	0.9199	0.9662
54.8	0.9743	0.9698	0.9618	0.7673	0.9682	0.9861	0.8943	0.9581
54.9	0.9862	0.9838	0.9766	0.7546	0.9803	0.9905	0.9246	0.9782
55.0	0.9862	0.9798	0.9807	0.7483	0.9729	0.9893	0.8875	0.9732
55.1	0.9851	0.9823	0.9728	0.7677	0.9781	0.9902	0.8400	0.9703
55.2	0.9817	0.9771	0.9698	0.8268	0.9739	0.9873	0.8338	0.9722
55.3	0.9834	0.9795	0.9698	0.8302	0.9708	0.9896	0.8307	0.9713
55.4	0.9845	0.9850	0.9717	0.8720	0.9641	0.9912	0.8524	0.9687
55.5	0.9834	0.9742	0.9620	0.7986	0.9584	0.9894	0.8603	0.9639
55.6	0.9836	0.9736	0.9675	0.8371	0.9637	0.9878	0.8531	0.9651
55.7	0.9801	0.9692	0.9668	0.8323	0.9544	0.9877	0.8523	0.9589
55.8	0.9839	0.9783	0.9689	0.8903	0.9582	0.9882	0.8643	0.9660
55.9	0.9817	0.9787	0.9617	0.9050	0.9578	0.9890	0.9028	0.9771
56.0	0.9806	0.9786	0.9506	0.8803	0.9521	0.9881	0.8562	0.9630
56.1	0.9784	0.9796	0.9528	0.8861	0.9617	0.9893	0.8534	0.9564
56.2	0.9772	0.9792	0.9494	0.8661	0.9699	0.9904	0.8453	0.9618
56.3	0.9764	0.9802	0.9523	0.8936	0.9675	0.9901	0.8411	0.9645
56.4	0.9826	0.9842	0.9689	0.9414	0.9736	0.9922	0.8792	0.9708
56.5	0.9844	0.9861	0.9651	0.9477	0.9747	0.9927	0.8802	0.9738
56.6	0.9811	0.9827	0.9446	0.9384	0.9689	0.9927	0.8713	0.9674
56.7	0.9767	0.9797	0.9289	0.9332	0.9688	0.9919	0.8412	0.9596
56.8	0.9705	0.9748	0.9213	0.9360	0.9555	0.9903	0.8291	0.9579
56.9	0.9746	0.9771	0.9277	0.9403	0.9470	0.9897	0.7977	0.9527
57.0	0.9629	0.9760	0.9111	0.9285	0.9390	0.9874	0.7539	0.9432
57.1	0.9637	0.9676	0.8842	0.9135	0.9348	0.9806	0.7308	0.9274
57.2	0.9638	0.9699	0.8888	0.9343	0.9417	0.9820	0.8154	0.9477
57.3	0.9654	0.9774	0.9165	0.9404	0.9503	0.9888	0.8398	0.9555
57.4	0.9541	0.9724	0.9292	0.9409	0.9428	0.9893	0.8357	0.9498
57.5	0.9411	0.9718	0.9346	0.9353	0.9442	0.9893	0.7774	0.9494
57.6	0.9469	0.9758	0.9434	0.9371	0.9590	0.9881	0.7821	0.9472
57.7	0.9546	0.9744	0.9449	0.9373	0.9592	0.9915	0.7692	0.9559
57.8	0.9605	0.9751	0.9578	0.9441	0.9601	0.9926	0.7516	0.9409
57.9	0.9506	0.9623	0.9436	0.9057	0.9591	0.9892	0.7623	0.9366
58.0	0.9082	0.9416	0.9250	0.8744	0.9334	0.9876	0.6559	0.9199
58.1	0.8932	0.8629	0.8707	0.8750	0.8820	0.9851	0.5466	0.8706
58.2	0.9164	0.7780	0.8870	0.8489	0.8311	0.9833	0.6620	0.8862
58.3	0.9194	0.9091	0.9181	0.8379	0.9149	0.9805	0.7240	0.9151
58.4	0.9380	0.9641	0.9522	0.8999	0.9536	0.9860	0.8312	0.9420
58.5	0.9483	0.9733	0.9603	0.9245	0.9616	0.9868	0.8633	0.9587
58.6	0.9217	0.9636	0.9510	0.9326	0.9591	0.9898	0.8350	0.9466
58.7	0.9252	0.9667	0.9541	0.9378	0.9528	0.9907	0.8128	0.9466
58.8	0.8964	0.9597	0.9493	0.9154	0.9385	0.9862	0.7481	0.9185
58.9	0.9073	0.9618	0.9472	0.9291	0.9490	0.9843	0.7366	0.9007
59.0	0.9262	0.9598	0.9269	0.9351	0.9576	0.9853	0.7724	0.9000
59.1	0.9301	0.9635	0.9496	0.9575	0.9721	0.9894	0.8278	0.9213
59.2	0.9250	0.9657	0.9591	0.9561	0.9716	0.9889	0.8228	0.9186
59.3	0.8940	0.9536	0.9448	0.9488	0.9559	0.9819	0.8410	0.9115
59.4	0.8864	0.9581	0.9467	0.9514	0.9529	0.9851	0.8291	0.9160
59.5	0.8955	0.9616	0.9521	0.9523	0.9629	0.9898	0.8321	0.9222

59.6	0.8958	0.9606	0.9567	0.9590	0.9687	0.9880	0.8520	0.9244
59.7	0.8986	0.9584	0.9484	0.9604	0.9585	0.9886	0.8569	0.9207
59.8	0.8860	0.9663	0.9439	0.9589	0.9608	0.9849	0.8104	0.9032
59.9	0.8708	0.9657	0.9217	0.9436	0.9605	0.9860	0.8365	0.9119
60.0	0.8123	0.9512	0.8520	0.8930	0.9580	0.9856	0.8242	0.9147
60.1	0.8563	0.9503	0.9041	0.9337	0.9529	0.9825	0.8006	0.9019
60.2	0.8761	0.9434	0.9430	0.9619	0.9481	0.9847	0.8134	0.9062
60.3	0.9002	0.9547	0.9505	0.9701	0.9565	0.9862	0.8254	0.9010
60.4	0.8907	0.9551	0.9405	0.9691	0.9529	0.9842	0.8489	0.9039
60.5	0.8901	0.9547	0.9326	0.9695	0.9385	0.9842	0.8323	0.8980
60.6	0.9008	0.9669	0.9484	0.9768	0.9393	0.9875	0.8619	0.8996
60.7	0.8776	0.9534	0.9473	0.9698	0.9403	0.9853	0.8621	0.8922
60.8	0.8884	0.9376	0.9362	0.9658	0.9227	0.9804	0.8468	0.8951
60.9	0.9077	0.9574	0.9361	0.9751	0.9377	0.9865	0.8646	0.8953
61.0	0.8943	0.9495	0.9404	0.9766	0.9394	0.9867	0.8751	0.9115
61.1	0.8868	0.9595	0.9315	0.9757	0.9279	0.9825	0.9014	0.9305
61.2	0.8884	0.9555	0.9331	0.9677	0.9169	0.9821	0.9080	0.9092
61.3	0.8915	0.9425	0.9206	0.9693	0.9219	0.9833	0.8510	0.9001
61.4	0.8884	0.9316	0.9124	0.9679	0.9186	0.9840	0.8374	0.8875
61.5	0.9141	0.9178	0.9000	0.9641	0.9300	0.9763	0.8499	0.8810
61.6	0.9188	0.9480	0.9125	0.9778	0.9353	0.9810	0.8943	0.9045
61.7	0.8913	0.9266	0.9100	0.9749	0.9213	0.9826	0.8649	0.8879
61.8	0.8910	0.9191	0.9099	0.9696	0.9082	0.9831	0.8695	0.8751
61.9	0.9173	0.9296	0.8904	0.9650	0.8784	0.9814	0.8583	0.8977
62.0	0.9341	0.9248	0.9015	0.9727	0.9084	0.9831	0.8834	0.9032
62.1	0.9404	0.9120	0.9132	0.9763	0.9351	0.9823	0.8777	0.9074
62.2	0.9316	0.9139	0.8829	0.9776	0.8955	0.9782	0.8868	0.9285
62.3	0.9298	0.9151	0.8748	0.9680	0.8743	0.9781	0.9043	0.9259
62.4	0.9344	0.9107	0.8799	0.9697	0.8916	0.9826	0.8725	0.9005
62.5	0.9482	0.9323	0.9154	0.9747	0.9117	0.9820	0.9137	0.9061
62.6	0.9468	0.9343	0.9083	0.9725	0.8868	0.9816	0.9150	0.9035
62.7	0.9377	0.9255	0.8629	0.9647	0.8991	0.9767	0.9077	0.8783
62.8	0.9489	0.9393	0.8537	0.9676	0.8857	0.9791	0.9024	0.8748
62.9	0.9461	0.9396	0.8772	0.9665	0.8709	0.9816	0.9122	0.8817
63.0	0.9397	0.9101	0.8257	0.9640	0.8533	0.9796	0.9112	0.8676
63.1	0.9568	0.9187	0.8409	0.9680	0.8857	0.9775	0.9004	0.8761
63.2	0.9634	0.9407	0.8830	0.9748	0.9051	0.9811	0.9041	0.8852
63.3	0.9572	0.9267	0.8865	0.9744	0.9216	0.9797	0.9170	0.9058
63.4	0.9522	0.9234	0.8777	0.9642	0.9000	0.9734	0.9087	0.9053
63.5	0.9594	0.9316	0.8636	0.9604	0.8788	0.9738	0.9313	0.8622
63.6	0.9644	0.9443	0.8910	0.9596	0.8920	0.9762	0.9257	0.8808
63.7	0.9681	0.9533	0.9076	0.9673	0.9180	0.9824	0.9259	0.9167
63.8	0.9614	0.9532	0.9064	0.9736	0.9115	0.9828	0.9306	0.9206
63.9	0.9585	0.9382	0.8718	0.9668	0.8956	0.9790	0.9282	0.9065
64.0	0.9681	0.9487	0.8557	0.9587	0.8786	0.9767	0.9271	0.9081
64.1	0.9596	0.9390	0.8578	0.9487	0.8626	0.9750	0.9242	0.8928
64.2	0.9535	0.9272	0.8697	0.9499	0.8749	0.9787	0.9046	0.9068
64.3	0.9699	0.9392	0.9022	0.9571	0.9006	0.9818	0.9178	0.9016
64.4	0.9480	0.9191	0.8871	0.9485	0.8371	0.9785	0.9010	0.8895
64.5	0.9511	0.9081	0.8629	0.9347	0.8422	0.9762	0.9034	0.8930
64.6	0.9577	0.9114	0.8791	0.9561	0.8859	0.9759	0.8926	0.9184
64.7	0.9653	0.9134	0.8979	0.9533	0.8931	0.9801	0.9003	0.9230
64.8	0.9516	0.9236	0.8774	0.9233	0.8583	0.9784	0.9210	0.9214
64.9	0.9476	0.9229	0.8901	0.9328	0.8390	0.9829	0.9144	0.9195
65.0	0.9586	0.9327	0.8919	0.9193	0.8541	0.9826	0.8975	0.9067
65.1	0.9518	0.9099	0.8708	0.9039	0.8251	0.9844	0.8733	0.8947
65.2	0.9504	0.8975	0.8584	0.8866	0.8266	0.9808	0.8535	0.8684
65.3	0.9524	0.9124	0.8611	0.8740	0.8292	0.9787	0.8509	0.8773
65.4	0.9559	0.9201	0.8772	0.8730	0.8413	0.9795	0.8500	0.8912
65.5	0.9556	0.9227	0.8950	0.8871	0.8053	0.9782	0.8826	0.8990
65.6	0.9569	0.9342	0.9266	0.9136	0.8230	0.9843	0.9050	0.9061
65.7	0.9365	0.9095	0.9245	0.9036	0.8267	0.9805	0.8782	0.8990
65.8	0.9465	0.9009	0.9244	0.9282	0.7936	0.9820	0.8843	0.9050
65.9	0.9349	0.9118	0.9049	0.9271	0.7722	0.9784	0.8736	0.8746
66.0	0.9247	0.8712	0.9107	0.8953	0.7836	0.9729	0.7833	0.8404
66.1	0.9122	0.8652	0.9181	0.9231	0.7786	0.9767	0.7659	0.8021
66.2	0.9300	0.8729	0.8908	0.9389	0.6874	0.9738	0.7649	0.8150
66.3	0.9445	0.9176	0.9261	0.9669	0.6509	0.9833	0.8069	0.8553
66.4	0.9375	0.9059	0.9249	0.9577	0.5649	0.9811	0.7528	0.8750
66.5	0.9104	0.9005	0.8770	0.9349	0.5055	0.9751	0.6791	0.7988
66.6	0.8909	0.8928	0.8792	0.9472	0.4633	0.9747	0.6124	0.7375
66.7	0.8720	0.9228	0.9206	0.9549	0.2735	0.9764	0.6564	0.8337
66.8	0.8856	0.9189	0.9045	0.9580	0.2141	0.9811	0.6672	0.7732
66.9	0.8184	0.8941	0.8727	0.9270	0.2651	0.9742	0.5538	0.5877
67.0	0.8105	0.8967	0.8820	0.9166	0.1365	0.9760	0.5125	0.6193
67.1	0.7395	0.9067	0.8821	0.9335	0.0691	0.9746	0.5700	0.6224
67.2	0.6557	0.9211	0.9084	0.9475	0.0931	0.9834	0.6416	0.7078
67.3	0.3944	0.8979	0.8794	0.9255	0.0029	0.9798	0.6063	0.6761
67.4	0.1315	0.8763	0.8847	0.9228	0.0729	0.9770	0.6478	0.6600
67.5	0.0720	0.8826	0.8772	0.9186	0.0701	0.9789	0.5823	0.6418
67.6	0.1156	0.8404	0.8650	0.8874	0.0206	0.9700	0.5040	0.5794
67.7	0.2853	0.8494	0.8930	0.9047	0.1443	0.9751	0.4901	0.6676
67.8	0.5743	0.8507	0.9076	0.9093	0.2073	0.9777	0.6843	0.7075
67.9	0.6650	0.8686	0.8884	0.9105	0.2471	0.9779	0.6920	0.6694
68.0	0.7322	0.8667	0.8844	0.8962	0.2305	0.9802	0.7544	0.7097
68.1	0.8278	0.7969	0.9023	0.8868	0.2942	0.9812	0.7453	0.6891

68.2	0.8556	0.7437	0.8979	0.8980	0.3324	0.9822	0.6888	0.7310
68.3	0.8647	0.7806	0.8904	0.9104	0.4078	0.9797	0.7323	0.7819
68.4	0.8809	0.7774	0.9044	0.8424	0.5407	0.9740	0.7614	0.7683
68.5	0.8735	0.7173	0.8807	0.8293	0.5481	0.9742	0.8250	0.7710
68.6	0.8942	0.7361	0.9028	0.8132	0.5461	0.9741	0.7830	0.7279
68.7	0.9284	0.7555	0.8702	0.7115	0.6657	0.9733	0.7532	0.6990
68.8	0.9134	0.7228	0.8426	0.7153	0.6533	0.9718	0.7356	0.6942
68.9	0.9273	0.7531	0.8808	0.6906	0.6618	0.9726	0.8256	0.8071
69.0	0.9480	0.8151	0.9189	0.7054	0.6705	0.9786	0.8956	0.8589
69.1	0.9543	0.8141	0.9268	0.7162	0.7046	0.9785	0.8807	0.8666
69.2	0.9575	0.8226	0.9065	0.6684	0.6616	0.9769	0.8777	0.8398
69.3	0.9453	0.8204	0.8661	0.6702	0.5725	0.9772	0.8728	0.8348
69.4	0.9511	0.7970	0.8605	0.7066	0.4964	0.9745	0.8435	0.7960
69.5	0.9510	0.7613	0.8401	0.7425	0.4118	0.9699	0.8561	0.8325
69.6	0.9553	0.7161	0.8392	0.7745	0.4472	0.9778	0.8520	0.8182
69.7	0.9666	0.6832	0.8408	0.7708	0.3778	0.9796	0.8371	0.8159
69.8	0.9637	0.7381	0.8199	0.7175	0.2604	0.9718	0.8796	0.8575
69.9	0.9552	0.6709	0.7805	0.6641	0.2398	0.9731	0.8565	0.8647
70.0	0.9576	0.6286	0.8506	0.6749	0.3080	0.9750	0.9001	0.8800
70.1	0.9719	0.6332	0.8794	0.7787	0.2789	0.9819	0.9300	0.9066
70.2	0.9649	0.6311	0.8635	0.8011	0.2299	0.9782	0.9157	0.8825
70.3	0.9679	0.6446	0.8701	0.8232	0.3698	0.9792	0.8996	0.8876
70.4	0.9640	0.5505	0.8434	0.8263	0.3822	0.9777	0.8805	0.8593
70.5	0.9521	0.5515	0.8302	0.8631	0.3225	0.9756	0.8841	0.8626
70.6	0.9578	0.5335	0.8568	0.8497	0.2275	0.9775	0.8677	0.8575
70.7	0.9632	0.5086	0.8319	0.8854	0.2888	0.9759	0.8692	0.8564
70.8	0.9548	0.5811	0.8046	0.8607	0.4829	0.9729	0.8788	0.8521
70.9	0.9579	0.5985	0.7992	0.8529	0.4024	0.9772	0.8758	0.8591
71.0	0.9628	0.5951	0.8319	0.8913	0.4942	0.9749	0.8504	0.8531
71.1	0.9612	0.5825	0.8058	0.8903	0.6025	0.9754	0.8393	0.8594
71.2	0.9573	0.4713	0.7826	0.8926	0.6431	0.9693	0.8350	0.8392
71.3	0.9636	0.5396	0.8424	0.8959	0.6551	0.9702	0.8486	0.8748
71.4	0.9515	0.5406	0.7780	0.8754	0.5821	0.9651	0.8151	0.8566
71.5	0.9560	0.5144	0.7863	0.9092	0.7202	0.9789	0.8509	0.8668
71.6	0.9674	0.5201	0.8790	0.8831	0.8174	0.9766	0.8830	0.8912
71.7	0.9620	0.5564	0.8231	0.8471	0.7980	0.9728	0.8608	0.8878
71.8	0.9570	0.5933	0.8352	0.8123	0.7441	0.9690	0.8711	0.8728
71.9	0.9549	0.5069	0.8448	0.7364	0.7504	0.9704	0.8488	0.8357
72.0	0.9294	0.4054	0.7422	0.7106	0.6844	0.9651	0.7754	0.7940
72.1	0.9512	0.5699	0.8525	0.8061	0.7872	0.9756	0.8610	0.8722
72.2	0.9725	0.6855	0.8963	0.7931	0.8310	0.9771	0.9054	0.9137
72.3	0.9538	0.6506	0.8553	0.7289	0.7795	0.9743	0.8945	0.9031
72.4	0.9514	0.6279	0.8153	0.7194	0.8146	0.9673	0.8852	0.9100
72.5	0.9646	0.6639	0.8278	0.7384	0.8108	0.9719	0.9080	0.9150
72.6	0.9511	0.6634	0.8403	0.6638	0.7920	0.9695	0.8992	0.8885
72.7	0.9302	0.6431	0.8003	0.4920	0.7667	0.9561	0.8800	0.8517
72.8	0.9219	0.7075	0.7379	0.4944	0.7762	0.9606	0.8700	0.8743
72.9	0.9330	0.7057	0.7811	0.3852	0.7887	0.9681	0.8425	0.8808
73.0	0.9485	0.7067	0.8174	0.2139	0.7391	0.9698	0.8617	0.8675
73.1	0.9406	0.6865	0.7974	0.1275	0.7380	0.9559	0.8532	0.8515
73.2	0.9146	0.6379	0.7495	0.0577	0.7456	0.9487	0.8428	0.8449
73.3	0.9340	0.7568	0.8073	0.0580	0.8177	0.9626	0.8822	0.8809
73.4	0.9477	0.7522	0.8135	0.1195	0.7765	0.9564	0.8850	0.8976
73.5	0.9584	0.6898	0.8366	0.1933	0.7218	0.9411	0.8496	0.8633
73.6	0.9634	0.7699	0.8826	0.2641	0.8101	0.9608	0.8785	0.8762
73.7	0.9388	0.7174	0.8784	0.2364	0.7918	0.9503	0.8484	0.8490
73.8	0.9205	0.6881	0.7867	0.3415	0.7441	0.9025	0.8192	0.8122
73.9	0.9267	0.7164	0.8098	0.3244	0.7351	0.9010	0.8015	0.7860
74.0	0.9301	0.7335	0.8200	0.3420	0.8179	0.8961	0.8246	0.8120
74.1	0.9390	0.7362	0.8249	0.3843	0.8345	0.8620	0.8217	0.8278
74.2	0.9483	0.7823	0.8383	0.3561	0.7843	0.8809	0.8101	0.8384
74.3	0.9366	0.7521	0.8264	0.4622	0.7427	0.8134	0.7558	0.8106
74.4	0.9374	0.7746	0.8717	0.5025	0.7491	0.8090	0.7587	0.8256
74.5	0.9279	0.7450	0.8409	0.5428	0.7749	0.7759	0.7357	0.7681
74.6	0.9453	0.8097	0.8583	0.6890	0.8207	0.7994	0.7840	0.8063
74.7	0.9428	0.7732	0.8817	0.6218	0.8248	0.7559	0.8221	0.8206
74.8	0.9320	0.8110	0.8900	0.5372	0.7715	0.7927	0.8493	0.8099
74.9	0.9038	0.7787	0.8145	0.5566	0.7003	0.7557	0.7866	0.7792
75.0	0.9242	0.7980	0.8504	0.6505	0.6847	0.7648	0.7513	0.8135
75.1	0.9004	0.7638	0.8576	0.5996	0.6931	0.7271	0.7391	0.8168
75.2	0.8894	0.7333	0.8484	0.5978	0.6774	0.7086	0.6946	0.7492
75.3	0.8804	0.6774	0.8241	0.5667	0.7201	0.6790	0.5531	0.6361
75.4	0.8791	0.7259	0.8361	0.5994	0.6310	0.6756	0.6484	0.7175
75.5	0.8671	0.6529	0.8459	0.6285	0.5742	0.5994	0.5602	0.7121
75.6	0.8848	0.6967	0.8694	0.6917	0.7158	0.7635	0.5809	0.7512
75.7	0.8768	0.6050	0.8565	0.6674	0.7274	0.7651	0.5742	0.7380
75.8	0.8858	0.7042	0.8682	0.8085	0.7794	0.8593	0.5881	0.7445
75.9	0.8792	0.6326	0.8368	0.7757	0.7279	0.8063	0.4856	0.6692
76.0	0.8260	0.5321	0.7962	0.7289	0.7209	0.7806	0.2567	0.5889
76.1	0.8693	0.6204	0.8607	0.8140	0.7652	0.8253	0.2877	0.6459
76.2	0.8390	0.6382	0.8480	0.7920	0.7411	0.8342	0.2944	0.6222
76.3	0.8399	0.5169	0.8415	0.8246	0.7347	0.8479	0.1677	0.5705
76.4	0.7837	0.5569	0.8016	0.7800	0.6628	0.8155	0.1405	0.5303
76.5	0.7274	0.5914	0.7694	0.8219	0.6995	0.8352	0.3645	0.5848
76.6	0.6821	0.7428	0.7609	0.8493	0.7945	0.8794	0.4032	0.6436
76.7	0.6690	0.7897	0.7029	0.8790	0.7952	0.9136	0.4605	0.6166

76.8	0.5943	0.7266	0.6891	0.8697	0.8293	0.9012	0.5003	0.6670
76.9	0.5952	0.7432	0.6723	0.8667	0.8033	0.9009	0.5181	0.7123
77.0	0.3773	0.7861	0.7036	0.8665	0.8321	0.9283	0.6443	0.6652
77.1	0.2519	0.8035	0.7072	0.8865	0.8473	0.9272	0.6274	0.6973
77.2	0.1221	0.8572	0.6522	0.8936	0.8502	0.9339	0.6866	0.7631
77.3	0.1980	0.8940	0.6416	0.8986	0.8879	0.9425	0.7384	0.8064
77.4	0.1159	0.8777	0.6277	0.9167	0.8700	0.9398	0.7418	0.7786
77.5	0.1436	0.8366	0.4812	0.8837	0.8067	0.9242	0.6768	0.7706
77.6	0.4070	0.8733	0.3506	0.8943	0.8533	0.9229	0.7965	0.8115
77.7	0.4838	0.9178	0.3869	0.9150	0.8569	0.9413	0.7956	0.8087
77.8	0.4885	0.9210	0.4346	0.9236	0.8549	0.9551	0.7784	0.7858
77.9	0.5411	0.9112	0.4132	0.8980	0.8580	0.9375	0.8027	0.8402
78.0	0.5552	0.8626	0.3432	0.8674	0.8186	0.9099	0.7717	0.8011
78.1	0.6434	0.8974	0.3036	0.8957	0.8540	0.9249	0.7719	0.8074
78.2	0.6908	0.9247	0.3358	0.9375	0.8505	0.9524	0.8403	0.7891
78.3	0.7413	0.9272	0.4225	0.9116	0.8379	0.9441	0.8536	0.7989
78.4	0.7492	0.9401	0.3979	0.9186	0.8764	0.9522	0.8647	0.7816
78.5	0.7500	0.9258	0.3150	0.8868	0.8854	0.9421	0.8248	0.7738
78.6	0.7850	0.9393	0.3637	0.8973	0.8680	0.9517	0.8587	0.7827
78.7	0.8310	0.9512	0.3877	0.9119	0.8378	0.9535	0.8713	0.8070
78.8	0.8750	0.9538	0.4116	0.9126	0.8792	0.9574	0.8862	0.8344
78.9	0.8612	0.9510	0.4319	0.9040	0.8833	0.9509	0.8695	0.8341
79.0	0.8444	0.9474	0.3834	0.8874	0.8657	0.9469	0.8694	0.7736
79.1	0.8671	0.9510	0.3396	0.8727	0.8561	0.9412	0.8476	0.6611
79.2	0.9017	0.9605	0.4024	0.9124	0.8669	0.9565	0.8845	0.6829
79.3	0.8952	0.9540	0.4302	0.9048	0.8137	0.9480	0.8863	0.6933
79.4	0.9011	0.9366	0.4318	0.8620	0.7520	0.9193	0.8505	0.6116
79.5	0.9114	0.9393	0.5447	0.8762	0.8012	0.9378	0.8767	0.6778
79.6	0.9383	0.9531	0.6426	0.9008	0.8607	0.9552	0.9170	0.7329
79.7	0.9153	0.9519	0.6232	0.8979	0.8233	0.9546	0.8997	0.6818
79.8	0.9187	0.9545	0.6673	0.8780	0.8420	0.9574	0.9065	0.6615
79.9	0.9232	0.9472	0.6918	0.8675	0.8442	0.9505	0.8996	0.6631
80.0	0.9406	0.9599	0.7177	0.8965	0.8264	0.9649	0.8885	0.7409

2.2.42 Run 4 – IP050 – Accels 41–47

In-plane shaking at 50°. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9536	0.6703	0.7743	0.9377	0.9062	0.6377	0.7023
0.1	0.7366	0.4192	0.4184	0.6710	0.6202	0.3720	0.4658
0.2	0.0239	0.0052	0.0132	0.0366	0.0410	0.0165	0.0019
0.3	0.0444	0.0130	0.0333	0.0000	0.0189	0.0144	0.0533
0.4	0.0205	0.0153	0.0263	0.0185	0.0527	0.0219	0.0206
0.5	0.0162	0.0243	0.0048	0.1200	0.0127	0.0249	0.0207
0.6	0.0032	0.0518	0.0050	0.0636	0.1081	0.0184	0.1055
0.7	0.0353	0.2465	0.0217	0.1332	0.4410	0.0326	0.3896
0.8	0.0576	0.5404	0.0343	0.5280	0.6585	0.0748	0.7248
0.9	0.4040	0.7087	0.0743	0.7799	0.7699	0.0793	0.8866
1.0	0.7174	0.6837	0.1732	0.8853	0.7141	0.0222	0.8598
1.1	0.6528	0.4900	0.0357	0.7255	0.4880	0.0009	0.6666
1.2	0.8154	0.5634	0.2728	0.8809	0.5725	0.0823	0.8200
1.3	0.8444	0.5529	0.4766	0.9269	0.5793	0.2306	0.9011
1.4	0.4363	0.3037	0.5790	0.8823	0.3375	0.4850	0.9098
1.5	0.5191	0.4381	0.7399	0.8781	0.4697	0.5247	0.9203
1.6	0.8918	0.8644	0.9083	0.9463	0.8708	0.7237	0.9339
1.7	0.9713	0.9136	0.9635	0.9651	0.9125	0.8768	0.9062
1.8	0.9734	0.8948	0.9643	0.9604	0.8932	0.9224	0.8925
1.9	0.9583	0.8272	0.9441	0.9243	0.8248	0.9297	0.8366
2.0	0.9460	0.8502	0.9373	0.9108	0.8493	0.9218	0.8608
2.1	0.9076	0.8766	0.9103	0.8916	0.8773	0.9007	0.8841
2.2	0.8422	0.8972	0.8547	0.8343	0.8988	0.8405	0.8992
2.3	0.3960	0.8258	0.4275	0.3934	0.8279	0.3899	0.7800
2.4	0.6288	0.8297	0.5791	0.6241	0.8104	0.5928	0.8728
2.5	0.9240	0.9174	0.8865	0.9235	0.9120	0.8993	0.9429
2.6	0.9827	0.9634	0.9618	0.9828	0.9618	0.9396	0.9750
2.7	0.9896	0.9756	0.9634	0.9894	0.9746	0.9331	0.9826
2.8	0.9883	0.9676	0.9372	0.9877	0.9671	0.8738	0.9754
2.9	0.9957	0.9781	0.9511	0.9957	0.9781	0.8840	0.9831
3.0	0.9966	0.9841	0.9116	0.9963	0.9838	0.8193	0.9882
3.1	0.9974	0.9869	0.8359	0.9971	0.9865	0.7388	0.9900
3.2	0.9980	0.9892	0.4366	0.9978	0.9888	0.5332	0.9910
3.3	0.9982	0.9894	0.2884	0.9982	0.9889	0.2877	0.9909
3.4	0.9983	0.9897	0.7238	0.9982	0.9894	0.5800	0.9907
3.5	0.9992	0.9924	0.9323	0.9993	0.9922	0.8466	0.9932
3.6	0.9992	0.9902	0.9609	0.9992	0.9900	0.9034	0.9907
3.7	0.9995	0.9916	0.9811	0.9994	0.9912	0.9608	0.9917
3.8	0.9994	0.9910	0.9835	0.9992	0.9905	0.9654	0.9908
3.9	0.9993	0.9926	0.9819	0.9991	0.9923	0.9733	0.9922
4.0	0.9995	0.9940	0.9861	0.9993	0.9937	0.9794	0.9934
4.1	0.9993	0.9949	0.9901	0.9991	0.9947	0.9790	0.9938
4.2	0.9991	0.9949	0.9904	0.9989	0.9943	0.9827	0.9940
4.3	0.9991	0.9947	0.9948	0.9991	0.9942	0.9883	0.9932
4.4	0.9990	0.9972	0.9941	0.9992	0.9972	0.9899	0.9960
4.5	0.9991	0.9983	0.9966	0.9994	0.9983	0.9947	0.9975
4.6	0.9989	0.9977	0.9953	0.9991	0.9977	0.9935	0.9964
4.7	0.9982	0.9979	0.9955	0.9985	0.9979	0.9939	0.9965
4.8	0.9981	0.9983	0.9959	0.9985	0.9982	0.9951	0.9967
4.9	0.9978	0.9973	0.9945	0.9983	0.9972	0.9924	0.9942
5.0	0.9969	0.9977	0.9956	0.9979	0.9976	0.9940	0.9935
5.1	0.9966	0.9979	0.9961	0.9977	0.9978	0.9957	0.9947
5.2	0.9952	0.9977	0.9941	0.9962	0.9974	0.9941	0.9931
5.3	0.9959	0.9984	0.9972	0.9969	0.9983	0.9972	0.9948
5.4	0.9963	0.9984	0.9974	0.9972	0.9983	0.9966	0.9940
5.5	0.9963	0.9976	0.9964	0.9970	0.9976	0.9965	0.9909
5.6	0.9931	0.9957	0.9944	0.9948	0.9957	0.9954	0.9848
5.7	0.9908	0.9950	0.9919	0.9929	0.9947	0.9933	0.9803
5.8	0.9918	0.9969	0.9952	0.9930	0.9968	0.9959	0.9832
5.9	0.9890	0.9961	0.9964	0.9910	0.9963	0.9968	0.9803
6.0	0.9889	0.9953	0.9953	0.9909	0.9956	0.9957	0.9728
6.1	0.9912	0.9969	0.9958	0.9936	0.9971	0.9962	0.9766
6.2	0.9905	0.9972	0.9942	0.9932	0.9972	0.9949	0.9740
6.3	0.9880	0.9963	0.9903	0.9921	0.9963	0.9915	0.9685
6.4	0.9862	0.9973	0.9910	0.9911	0.9972	0.9916	0.9736
6.5	0.9872	0.9969	0.9891	0.9916	0.9970	0.9905	0.9591
6.6	0.9813	0.9964	0.9881	0.9871	0.9964	0.9894	0.9483
6.7	0.9867	0.9974	0.9835	0.9910	0.9974	0.9853	0.9390
6.8	0.9890	0.9979	0.9739	0.9927	0.9979	0.9761	0.9272
6.9	0.9873	0.9974	0.9640	0.9906	0.9975	0.9661	0.8992
7.0	0.9859	0.9974	0.9413	0.9891	0.9975	0.9446	0.8857
7.1	0.9759	0.9966	0.8701	0.9737	0.9960	0.8734	0.8948
7.2	0.9830	0.9966	0.8875	0.9756	0.9953	0.8872	0.9199
7.3	0.9881	0.9974	0.9637	0.9812	0.9975	0.9627	0.9194
7.4	0.9872	0.9972	0.9235	0.9770	0.9976	0.9195	0.8184
7.5	0.9843	0.9978	0.9323	0.9772	0.9981	0.9254	0.8757
7.6	0.9877	0.9976	0.9639	0.9859	0.9979	0.9568	0.8695
7.7	0.9865	0.9978	0.9757	0.9857	0.9977	0.9694	0.8827
7.8	0.9892	0.9986	0.9922	0.9897	0.9983	0.9903	0.9501
7.9	0.9897	0.9990	0.9940	0.9895	0.9989	0.9925	0.9710

8.0	0.9898	0.9986	0.9868	0.9888	0.9987	0.9828	0.9674
8.1	0.9913	0.9984	0.9926	0.9900	0.9988	0.9894	0.9798
8.2	0.9915	0.9984	0.9898	0.9904	0.9987	0.9852	0.9796
8.3	0.9921	0.9987	0.9856	0.9910	0.9986	0.9790	0.9878
8.4	0.9919	0.9987	0.9849	0.9897	0.9986	0.9781	0.9815
8.5	0.9921	0.9986	0.9769	0.9905	0.9988	0.9705	0.9825
8.6	0.9928	0.9985	0.9873	0.9919	0.9987	0.9859	0.9878
8.7	0.9951	0.9992	0.9913	0.9944	0.9990	0.9907	0.9945
8.8	0.9961	0.9989	0.9783	0.9954	0.9986	0.9792	0.9924
8.9	0.9941	0.9988	0.9721	0.9933	0.9988	0.9749	0.9914
9.0	0.9930	0.9986	0.9505	0.9911	0.9985	0.9545	0.9904
9.1	0.9937	0.9982	0.9665	0.9913	0.9980	0.9663	0.9897
9.2	0.9891	0.9976	0.9005	0.9803	0.9966	0.9067	0.9772
9.3	0.9882	0.9973	0.9149	0.9738	0.9957	0.9170	0.9786
9.4	0.9910	0.9980	0.9640	0.9781	0.9972	0.9633	0.9885
9.5	0.9915	0.9983	0.9774	0.9779	0.9980	0.9758	0.9924
9.6	0.9924	0.9983	0.9850	0.9816	0.9982	0.9831	0.9932
9.7	0.9946	0.9989	0.9928	0.9868	0.9988	0.9912	0.9935
9.8	0.9951	0.9990	0.9945	0.9909	0.9988	0.9932	0.9927
9.9	0.9952	0.9993	0.9973	0.9917	0.9991	0.9964	0.9930
10.0	0.9948	0.9986	0.9985	0.9915	0.9985	0.9978	0.9904
10.1	0.9957	0.9989	0.9978	0.9932	0.9988	0.9966	0.9910
10.2	0.9952	0.9993	0.9986	0.9949	0.9992	0.9976	0.9938
10.3	0.9955	0.9989	0.9986	0.9953	0.9987	0.9974	0.9922
10.4	0.9964	0.9988	0.9988	0.9950	0.9987	0.9976	0.9928
10.5	0.9950	0.9988	0.9986	0.9944	0.9986	0.9972	0.9915
10.6	0.9949	0.9985	0.9988	0.9946	0.9983	0.9977	0.9899
10.7	0.9966	0.9991	0.9991	0.9957	0.9992	0.9980	0.9917
10.8	0.9969	0.9988	0.9990	0.9968	0.9988	0.9978	0.9929
10.9	0.9967	0.9987	0.9990	0.9965	0.9987	0.9975	0.9935
11.0	0.9957	0.9984	0.9987	0.9947	0.9986	0.9963	0.9906
11.1	0.9964	0.9989	0.9987	0.9957	0.9989	0.9972	0.9937
11.2	0.9964	0.9988	0.9988	0.9954	0.9989	0.9969	0.9936
11.3	0.9970	0.9990	0.9987	0.9955	0.9991	0.9963	0.9956
11.4	0.9975	0.9989	0.9988	0.9963	0.9989	0.9968	0.9967
11.5	0.9970	0.9987	0.9986	0.9960	0.9986	0.9970	0.9963
11.6	0.9966	0.9989	0.9987	0.9954	0.9987	0.9974	0.9966
11.7	0.9973	0.9988	0.9986	0.9967	0.9988	0.9970	0.9971
11.8	0.9974	0.9986	0.9986	0.9977	0.9986	0.9962	0.9969
11.9	0.9970	0.9981	0.9984	0.9970	0.9982	0.9958	0.9975
12.0	0.9977	0.9987	0.9988	0.9972	0.9987	0.9964	0.9975
12.1	0.9975	0.9977	0.9985	0.9974	0.9978	0.9962	0.9970
12.2	0.9973	0.9978	0.9983	0.9973	0.9978	0.9957	0.9972
12.3	0.9970	0.9977	0.9981	0.9969	0.9976	0.9939	0.9973
12.4	0.9962	0.9973	0.9978	0.9960	0.9973	0.9942	0.9971
12.5	0.9963	0.9976	0.9974	0.9962	0.9976	0.9941	0.9971
12.6	0.9975	0.9978	0.9983	0.9973	0.9979	0.9943	0.9980
12.7	0.9969	0.9977	0.9980	0.9964	0.9977	0.9911	0.9984
12.8	0.9956	0.9974	0.9966	0.9937	0.9976	0.9868	0.9978
12.9	0.9939	0.9966	0.9955	0.9904	0.9969	0.9842	0.9976
13.0	0.9931	0.9967	0.9961	0.9935	0.9970	0.9859	0.9979
13.1	0.9937	0.9970	0.9964	0.9943	0.9972	0.9862	0.9979
13.2	0.9918	0.9961	0.9958	0.9943	0.9964	0.9821	0.9967
13.3	0.9926	0.9955	0.9961	0.9944	0.9960	0.9845	0.9958
13.4	0.9938	0.9965	0.9962	0.9942	0.9967	0.9763	0.9962
13.5	0.9946	0.9959	0.9957	0.9948	0.9960	0.9814	0.9961
13.6	0.9911	0.9937	0.9931	0.9920	0.9940	0.9620	0.9940
13.7	0.9908	0.9945	0.9935	0.9920	0.9946	0.9519	0.9949
13.8	0.9917	0.9957	0.9941	0.9925	0.9958	0.9494	0.9955
13.9	0.9899	0.9937	0.9919	0.9908	0.9939	0.9440	0.9928
14.0	0.9884	0.9930	0.9899	0.9885	0.9932	0.9305	0.9915
14.1	0.9885	0.9924	0.9909	0.9889	0.9927	0.9453	0.9920
14.2	0.9897	0.9919	0.9915	0.9903	0.9922	0.9539	0.9919
14.3	0.9889	0.9928	0.9898	0.9888	0.9926	0.9504	0.9915
14.4	0.9847	0.9908	0.9850	0.9838	0.9906	0.9522	0.9879
14.5	0.9792	0.9866	0.9804	0.9783	0.9866	0.9396	0.9831
14.6	0.9787	0.9841	0.9742	0.9787	0.9842	0.9412	0.9806
14.7	0.9776	0.9863	0.9750	0.9780	0.9866	0.9425	0.9836
14.8	0.9741	0.9874	0.9764	0.9742	0.9878	0.9584	0.9851
14.9	0.9773	0.9893	0.9800	0.9789	0.9897	0.9556	0.9882
15.0	0.9725	0.9825	0.9787	0.9744	0.9828	0.9345	0.9822
15.1	0.9580	0.9666	0.9617	0.9618	0.9675	0.9089	0.9674
15.2	0.9523	0.9662	0.9555	0.9525	0.9666	0.9299	0.9631
15.3	0.9514	0.9635	0.9547	0.9505	0.9634	0.9313	0.9589
15.4	0.9149	0.9270	0.9159	0.9138	0.9270	0.9100	0.9241
15.5	0.9232	0.9315	0.9248	0.9215	0.9313	0.9178	0.9287
15.6	0.9258	0.9292	0.9300	0.9248	0.9288	0.9053	0.9256
15.7	0.9047	0.8868	0.8911	0.9024	0.8860	0.8639	0.8818
15.8	0.9128	0.9093	0.9172	0.9123	0.9083	0.8920	0.9074
15.9	0.9417	0.9578	0.9624	0.9427	0.9573	0.9477	0.9574
16.0	0.9604	0.9659	0.9765	0.9573	0.9650	0.9547	0.9659
16.1	0.9609	0.9733	0.9755	0.9600	0.9726	0.9650	0.9733
16.2	0.9505	0.9727	0.9800	0.9506	0.9720	0.9575	0.9745
16.3	0.9442	0.9712	0.9843	0.9448	0.9705	0.9479	0.9741
16.4	0.9455	0.9672	0.9807	0.9465	0.9664	0.9416	0.9716
16.5	0.9244	0.9625	0.9685	0.9247	0.9614	0.9180	0.9694

16.6	0.9237	0.9597	0.9622	0.9236	0.9578	0.9157	0.9676
16.7	0.9161	0.9653	0.9565	0.9157	0.9633	0.9059	0.9699
16.8	0.9242	0.9735	0.9554	0.9236	0.9721	0.9089	0.9787
16.9	0.9329	0.9767	0.9607	0.9316	0.9752	0.9178	0.9818
17.0	0.9406	0.9850	0.9656	0.9400	0.9838	0.9291	0.9871
17.1	0.9631	0.9894	0.9809	0.9627	0.9884	0.9493	0.9922
17.2	0.9472	0.9872	0.9721	0.9457	0.9860	0.9374	0.9900
17.3	0.9475	0.9916	0.9717	0.9459	0.9909	0.9338	0.9922
17.4	0.9640	0.9951	0.9809	0.9622	0.9947	0.9540	0.9955
17.5	0.9636	0.9949	0.9795	0.9621	0.9947	0.9533	0.9959
17.6	0.9631	0.9958	0.9803	0.9617	0.9954	0.9534	0.9962
17.7	0.9738	0.9970	0.9867	0.9727	0.9969	0.9692	0.9974
17.8	0.9721	0.9969	0.9828	0.9706	0.9971	0.9682	0.9966
17.9	0.9693	0.9967	0.9809	0.9674	0.9969	0.9656	0.9967
18.0	0.9742	0.9969	0.9865	0.9720	0.9971	0.9706	0.9971
18.1	0.9805	0.9965	0.9901	0.9787	0.9966	0.9778	0.9973
18.2	0.9817	0.9961	0.9900	0.9802	0.9962	0.9796	0.9971
18.3	0.9820	0.9963	0.9892	0.9805	0.9964	0.9769	0.9967
18.4	0.9823	0.9963	0.9884	0.9801	0.9962	0.9747	0.9967
18.5	0.9832	0.9967	0.9854	0.9810	0.9965	0.9567	0.9978
18.6	0.9824	0.9970	0.9800	0.9813	0.9970	0.9430	0.9974
18.7	0.9861	0.9962	0.9812	0.9857	0.9960	0.9701	0.9966
18.8	0.9911	0.9958	0.9918	0.9905	0.9954	0.9883	0.9976
18.9	0.9899	0.9956	0.9912	0.9889	0.9953	0.9856	0.9972
19.0	0.9911	0.9957	0.9936	0.9900	0.9953	0.9858	0.9979
19.1	0.9934	0.9967	0.9955	0.9927	0.9964	0.9889	0.9985
19.2	0.9910	0.9958	0.9937	0.9902	0.9955	0.9838	0.9978
19.3	0.9903	0.9965	0.9935	0.9890	0.9963	0.9815	0.9977
19.4	0.9913	0.9961	0.9947	0.9897	0.9958	0.9809	0.9981
19.5	0.9902	0.9960	0.9947	0.9882	0.9960	0.9817	0.9979
19.6	0.9929	0.9961	0.9958	0.9919	0.9960	0.9874	0.9982
19.7	0.9921	0.9962	0.9949	0.9906	0.9960	0.9833	0.9979
19.8	0.9924	0.9968	0.9951	0.9910	0.9966	0.9801	0.9979
19.9	0.9925	0.9964	0.9950	0.9913	0.9963	0.9775	0.9980
20.0	0.9943	0.9959	0.9965	0.9934	0.9957	0.9718	0.9984
20.1	0.9946	0.9961	0.9968	0.9938	0.9961	0.9747	0.9983
20.2	0.9925	0.9939	0.9951	0.9909	0.9938	0.9525	0.9978
20.3	0.9919	0.9938	0.9949	0.9898	0.9935	0.9318	0.9976
20.4	0.9934	0.9922	0.9961	0.9921	0.9919	0.9359	0.9975
20.5	0.9931	0.9909	0.9962	0.9917	0.9908	0.8849	0.9976
20.6	0.9909	0.9884	0.9951	0.9885	0.9881	0.8293	0.9969
20.7	0.9914	0.9904	0.9949	0.9888	0.9902	0.8371	0.9974
20.8	0.9915	0.9917	0.9958	0.9887	0.9915	0.8832	0.9976
20.9	0.9909	0.9829	0.9950	0.9888	0.9820	0.8927	0.9965
21.0	0.9896	0.9827	0.9942	0.9866	0.9822	0.8408	0.9965
21.1	0.9868	0.9748	0.9933	0.9825	0.9739	0.8010	0.9950
21.2	0.9894	0.9717	0.9929	0.9861	0.9705	0.8602	0.9949
21.3	0.9897	0.9655	0.9946	0.9863	0.9642	0.9194	0.9957
21.4	0.9884	0.9731	0.9949	0.9855	0.9717	0.9217	0.9961
21.5	0.9857	0.9717	0.9942	0.9823	0.9708	0.9210	0.9956
21.6	0.9850	0.9695	0.9951	0.9807	0.9691	0.9459	0.9950
21.7	0.9876	0.9760	0.9959	0.9832	0.9753	0.9524	0.9961
21.8	0.9875	0.9636	0.9951	0.9834	0.9624	0.9469	0.9950
21.9	0.9835	0.9430	0.9928	0.9798	0.9402	0.9448	0.9911
22.0	0.9845	0.9403	0.9928	0.9808	0.9374	0.9573	0.9907
22.1	0.9813	0.9546	0.9919	0.9765	0.9522	0.9711	0.9916
22.2	0.9823	0.9629	0.9936	0.9771	0.9611	0.9846	0.9932
22.3	0.9834	0.9529	0.9940	0.9790	0.9512	0.9779	0.9924
22.4	0.9808	0.9487	0.9921	0.9765	0.9469	0.9674	0.9898
22.5	0.9831	0.9679	0.9944	0.9798	0.9666	0.9721	0.9915
22.6	0.9715	0.9589	0.9897	0.9726	0.9580	0.9687	0.9864
22.7	0.9611	0.9548	0.9879	0.9642	0.9547	0.9642	0.9805
22.8	0.9724	0.9636	0.9900	0.9702	0.9626	0.9694	0.9851
22.9	0.9610	0.9539	0.9891	0.9639	0.9531	0.9604	0.9785
23.0	0.9584	0.9685	0.9880	0.9641	0.9686	0.9693	0.9831
23.1	0.9571	0.9637	0.9889	0.9698	0.9647	0.9805	0.9802
23.2	0.9647	0.9722	0.9920	0.9748	0.9728	0.9835	0.9829
23.3	0.9600	0.9650	0.9923	0.9654	0.9655	0.9767	0.9802
23.4	0.9569	0.9609	0.9902	0.9576	0.9625	0.9769	0.9825
23.5	0.9459	0.9653	0.9903	0.9590	0.9671	0.9774	0.9873
23.6	0.9292	0.9587	0.9885	0.9403	0.9591	0.9784	0.9888
23.7	0.9465	0.9608	0.9888	0.9472	0.9614	0.9875	0.9891
23.8	0.9446	0.9662	0.9892	0.9404	0.9666	0.9870	0.9918
23.9	0.9412	0.9602	0.9871	0.9477	0.9620	0.9857	0.9903
24.0	0.9468	0.9549	0.9878	0.9462	0.9547	0.9851	0.9907
24.1	0.9256	0.9474	0.9847	0.9228	0.9483	0.9858	0.9894
24.2	0.8998	0.9370	0.9826	0.8919	0.9372	0.9859	0.9884
24.3	0.9065	0.9303	0.9829	0.8943	0.9317	0.9847	0.9892
24.4	0.9178	0.9338	0.9808	0.8938	0.9421	0.9813	0.9894
24.5	0.9092	0.9239	0.9814	0.8862	0.9300	0.9841	0.9880
24.6	0.9185	0.8899	0.9839	0.9028	0.8973	0.9795	0.9874
24.7	0.8898	0.8631	0.9832	0.8581	0.8751	0.9862	0.9881
24.8	0.9081	0.8873	0.9871	0.8830	0.8919	0.9873	0.9907
24.9	0.9040	0.8400	0.9882	0.8741	0.8550	0.9841	0.9915
25.0	0.9210	0.7985	0.9892	0.8852	0.8078	0.9877	0.9922
25.1	0.8981	0.7189	0.9859	0.8696	0.7112	0.9856	0.9890

25.2	0.8821	0.6595	0.9806	0.8580	0.6579	0.9788	0.9849
25.3	0.8793	0.6680	0.9816	0.8248	0.7079	0.9779	0.9853
25.4	0.8653	0.5636	0.9835	0.8249	0.6306	0.9807	0.9866
25.5	0.8390	0.5673	0.9797	0.7881	0.5937	0.9786	0.9838
25.6	0.8514	0.5635	0.9799	0.8026	0.6079	0.9832	0.9854
25.7	0.7621	0.4854	0.9714	0.6752	0.5383	0.9775	0.9785
25.8	0.7899	0.3289	0.9765	0.7791	0.4073	0.9795	0.9816
25.9	0.8256	0.3728	0.9808	0.7844	0.4796	0.9835	0.9854
26.0	0.8167	0.4688	0.9844	0.7699	0.5448	0.9858	0.9883
26.1	0.7524	0.4224	0.9817	0.7547	0.4738	0.9836	0.9850
26.2	0.6807	0.2825	0.9654	0.7234	0.3276	0.9686	0.9724
26.3	0.6323	0.2925	0.9565	0.6583	0.2841	0.9629	0.9666
26.4	0.6609	0.3719	0.9687	0.6684	0.3767	0.9728	0.9754
26.5	0.6580	0.3632	0.9733	0.7179	0.3848	0.9756	0.9775
26.6	0.6127	0.4940	0.9755	0.7220	0.5081	0.9768	0.9791
26.7	0.5256	0.5902	0.9633	0.6593	0.5625	0.9683	0.9719
26.8	0.3656	0.7279	0.9547	0.5004	0.6777	0.9633	0.9646
26.9	0.3191	0.7115	0.9490	0.5157	0.6940	0.9615	0.9616
27.0	0.2838	0.6916	0.9377	0.4465	0.6401	0.9510	0.9525
27.1	0.3130	0.7389	0.9420	0.4742	0.6544	0.9502	0.9532
27.2	0.1803	0.8032	0.9406	0.3400	0.7379	0.9463	0.9512
27.3	0.1193	0.8023	0.9415	0.2828	0.7597	0.9491	0.9518
27.4	0.0908	0.8026	0.9511	0.3580	0.7497	0.9554	0.9595
27.5	0.0235	0.7515	0.9317	0.3566	0.6848	0.9351	0.9415
27.6	0.1064	0.7604	0.9055	0.2478	0.7154	0.9117	0.9184
27.7	0.2315	0.7248	0.9141	0.4616	0.6655	0.9221	0.9259
27.8	0.5039	0.6557	0.9137	0.6538	0.6004	0.9173	0.9240
27.9	0.6376	0.6366	0.9046	0.6720	0.5676	0.9060	0.9136
28.0	0.7076	0.5442	0.8761	0.7378	0.4551	0.8760	0.8857
28.1	0.8340	0.5054	0.9155	0.8597	0.4338	0.9172	0.9192
28.2	0.8350	0.3676	0.8772	0.8387	0.3240	0.8810	0.8873
28.3	0.8191	0.1306	0.8279	0.7784	0.1238	0.8230	0.8440
28.4	0.8367	0.0938	0.8306	0.8023	0.0760	0.8272	0.8421
28.5	0.8459	0.1759	0.7751	0.8583	0.1899	0.7892	0.8338
28.6	0.8780	0.1211	0.8023	0.8872	0.1286	0.8256	0.8736
28.7	0.8841	0.0344	0.7667	0.8899	0.0550	0.7710	0.8451
28.8	0.8629	0.0697	0.7016	0.8799	0.0882	0.7164	0.8486
28.9	0.8833	0.1464	0.6870	0.8932	0.1741	0.7365	0.8833
29.0	0.9114	0.0749	0.6670	0.9189	0.0864	0.8038	0.9137
29.1	0.9008	0.0190	0.6119	0.9158	0.0204	0.7905	0.9151
29.2	0.8981	0.1077	0.5495	0.9129	0.1358	0.8048	0.9111
29.3	0.9156	0.1575	0.5201	0.9284	0.2086	0.8233	0.9141
29.4	0.8885	0.2008	0.5502	0.9105	0.2376	0.7916	0.9018
29.5	0.9266	0.1927	0.5567	0.9345	0.2545	0.8777	0.9177
29.6	0.9172	0.1837	0.4537	0.9340	0.2551	0.8499	0.8894
29.7	0.8909	0.0992	0.3926	0.9151	0.1802	0.8018	0.8443
29.8	0.9166	0.2272	0.4064	0.9384	0.2915	0.8572	0.8919
29.9	0.8986	0.3375	0.0804	0.9229	0.3530	0.7971	0.8119
30.0	0.9268	0.4075	0.0096	0.9345	0.4348	0.7584	0.7503
30.1	0.9253	0.3583	0.0097	0.9385	0.3713	0.8027	0.7771
30.2	0.9360	0.2894	0.1011	0.9484	0.3411	0.8018	0.7293
30.3	0.9216	0.3849	0.1047	0.9465	0.4294	0.7286	0.6630
30.4	0.9175	0.4246	0.1446	0.9420	0.4611	0.7322	0.6158
30.5	0.9524	0.5970	0.3687	0.9479	0.6495	0.8538	0.6739
30.6	0.9555	0.5387	0.4543	0.9366	0.6152	0.8372	0.6212
30.7	0.9397	0.5188	0.4732	0.9340	0.6130	0.7866	0.6592
30.8	0.9564	0.5804	0.5539	0.9321	0.6665	0.8026	0.7304
30.9	0.9370	0.4673	0.4841	0.9206	0.5272	0.7450	0.6366
31.0	0.9319	0.5328	0.6169	0.9148	0.5895	0.7898	0.6545
31.1	0.9500	0.7105	0.7648	0.9287	0.7485	0.8483	0.7160
31.2	0.9633	0.7851	0.8070	0.9083	0.7986	0.8795	0.7909
31.3	0.9602	0.6973	0.7586	0.8791	0.7348	0.8441	0.7997
31.4	0.9606	0.7141	0.7825	0.8528	0.7623	0.8362	0.8032
31.5	0.9537	0.7287	0.8489	0.8966	0.7616	0.8759	0.8660
31.6	0.9580	0.7242	0.8816	0.9220	0.7370	0.9058	0.8914
31.7	0.9544	0.7376	0.8739	0.9126	0.7727	0.8825	0.8938
31.8	0.9619	0.7995	0.8985	0.9345	0.8283	0.9165	0.9287
31.9	0.9405	0.7416	0.8602	0.9224	0.7506	0.8812	0.8968
32.0	0.9260	0.7094	0.8971	0.8960	0.6945	0.8961	0.8964
32.1	0.9535	0.7985	0.9206	0.9137	0.7918	0.9208	0.9256
32.2	0.9576	0.8251	0.9364	0.9321	0.8181	0.9352	0.9441
32.3	0.9562	0.8385	0.9401	0.9484	0.8307	0.9400	0.9490
32.4	0.9490	0.8254	0.9301	0.9572	0.8228	0.9347	0.9430
32.5	0.9619	0.8713	0.9468	0.9643	0.8619	0.9482	0.9641
32.6	0.9650	0.8835	0.9526	0.9694	0.8705	0.9536	0.9631
32.7	0.9779	0.9248	0.9673	0.9775	0.9131	0.9700	0.9738
32.8	0.9728	0.9028	0.9682	0.9725	0.8935	0.9708	0.9756
32.9	0.9596	0.8629	0.9508	0.9601	0.8551	0.9547	0.9644
33.0	0.9710	0.8857	0.9574	0.9783	0.8767	0.9632	0.9737
33.1	0.9706	0.9122	0.9691	0.9852	0.8996	0.9731	0.9799
33.2	0.9820	0.9355	0.9766	0.9850	0.9279	0.9800	0.9858
33.3	0.9877	0.9604	0.9853	0.9899	0.9558	0.9878	0.9900
33.4	0.9749	0.9411	0.9732	0.9820	0.9371	0.9783	0.9836
33.5	0.9767	0.9334	0.9725	0.9812	0.9303	0.9794	0.9831
33.6	0.9825	0.9538	0.9779	0.9852	0.9514	0.9832	0.9864
33.7	0.9796	0.9546	0.9743	0.9823	0.9515	0.9812	0.9839

33.8	0.9749	0.9301	0.9739	0.9765	0.9298	0.9800	0.9808
33.9	0.9714	0.9395	0.9657	0.9745	0.9407	0.9729	0.9702
34.0	0.9723	0.9522	0.9616	0.9761	0.9536	0.9713	0.9685
34.1	0.9684	0.9446	0.9603	0.9694	0.9557	0.9680	0.9660
34.2	0.9493	0.9444	0.9496	0.9505	0.9503	0.9541	0.9503
34.3	0.9454	0.9422	0.9446	0.9452	0.9462	0.9483	0.9473
34.4	0.9418	0.9349	0.9435	0.9405	0.9384	0.9485	0.9503
34.5	0.9389	0.9416	0.9468	0.9382	0.9406	0.9517	0.9538
34.6	0.9487	0.9560	0.9509	0.9474	0.9571	0.9574	0.9598
34.7	0.9738	0.9735	0.9721	0.9729	0.9747	0.9774	0.9776
34.8	0.9580	0.9615	0.9597	0.9562	0.9625	0.9674	0.9684
34.9	0.9776	0.9749	0.9775	0.9741	0.9765	0.9805	0.9822
35.0	0.9739	0.9725	0.9662	0.9745	0.9733	0.9725	0.9750
35.1	0.9624	0.9527	0.9428	0.9553	0.9529	0.9555	0.9556
35.2	0.9586	0.9474	0.9486	0.9504	0.9487	0.9622	0.9590
35.3	0.9418	0.9306	0.9374	0.9355	0.9287	0.9577	0.9497
35.4	0.9232	0.8906	0.8980	0.8837	0.8958	0.9354	0.9287
35.5	0.8856	0.8822	0.8693	0.8333	0.8777	0.9267	0.9193
35.6	0.7840	0.8656	0.8490	0.7069	0.8490	0.9258	0.9206
35.7	0.7292	0.7540	0.6803	0.5956	0.7281	0.8472	0.8227
35.8	0.6102	0.5551	0.4572	0.4107	0.5039	0.7604	0.7047
35.9	0.6643	0.6421	0.4579	0.3742	0.5973	0.8097	0.7523
36.0	0.5121	0.6518	0.2818	0.1532	0.5794	0.7610	0.7002
36.1	0.2409	0.4775	0.3264	0.0029	0.3924	0.7394	0.7438
36.2	0.0502	0.5964	0.3090	0.1096	0.5689	0.7177	0.7749
36.3	0.0103	0.6275	0.3614	0.1629	0.5767	0.6685	0.8028
36.4	0.1796	0.6333	0.5474	0.4619	0.5857	0.6900	0.8358
36.5	0.3859	0.7618	0.6488	0.5989	0.7287	0.7669	0.8690
36.6	0.4760	0.7415	0.6469	0.6502	0.7050	0.7592	0.8661
36.7	0.6749	0.8308	0.8018	0.7912	0.8106	0.8488	0.9366
36.8	0.7157	0.8240	0.8395	0.8081	0.8029	0.8569	0.9416
36.9	0.7308	0.8006	0.7840	0.8057	0.7925	0.7754	0.9194
37.0	0.7593	0.8088	0.7798	0.8089	0.8056	0.7929	0.9040
37.1	0.8497	0.8424	0.8426	0.8758	0.8359	0.8578	0.9316
37.2	0.8694	0.8729	0.8843	0.8978	0.8736	0.9007	0.9584
37.3	0.8275	0.8812	0.8286	0.8539	0.8688	0.8901	0.9521
37.4	0.8050	0.8596	0.8113	0.8281	0.8618	0.8681	0.9342
37.5	0.8478	0.8832	0.8626	0.8746	0.8894	0.8869	0.9456
37.6	0.8803	0.9085	0.8960	0.8974	0.9119	0.9205	0.9574
37.7	0.8830	0.8820	0.9205	0.8885	0.8827	0.9373	0.9686
37.8	0.8509	0.8511	0.8894	0.8541	0.8620	0.9222	0.9548
37.9	0.8792	0.8633	0.8799	0.8852	0.8724	0.9205	0.9588
38.0	0.8667	0.8074	0.9183	0.8602	0.8272	0.9286	0.9635
38.1	0.8664	0.8185	0.9193	0.8628	0.8315	0.9294	0.9570
38.2	0.9067	0.8365	0.9291	0.8995	0.8581	0.9484	0.9683
38.3	0.9299	0.8512	0.9373	0.9201	0.8774	0.9528	0.9759
38.4	0.9300	0.8641	0.9448	0.9264	0.8733	0.9567	0.9806
38.5	0.9166	0.8294	0.9300	0.9101	0.8401	0.9507	0.9744
38.6	0.9490	0.8575	0.9555	0.9445	0.8718	0.9693	0.9828
38.7	0.9557	0.8663	0.9668	0.9502	0.8811	0.9723	0.9863
38.8	0.9533	0.8602	0.9479	0.9489	0.8807	0.9654	0.9820
38.9	0.9512	0.7601	0.9377	0.9384	0.7848	0.9547	0.9716
39.0	0.9619	0.7552	0.9500	0.9552	0.7868	0.9656	0.9783
39.1	0.9493	0.7987	0.9430	0.9421	0.8318	0.9607	0.9749
39.2	0.9468	0.7818	0.9375	0.9354	0.8327	0.9561	0.9729
39.3	0.9518	0.7929	0.9516	0.9450	0.8591	0.9648	0.9786
39.4	0.9588	0.8079	0.9650	0.9586	0.8591	0.9758	0.9820
39.5	0.9587	0.8196	0.9614	0.9586	0.8587	0.9764	0.9826
39.6	0.9650	0.8586	0.9665	0.9692	0.8887	0.9786	0.9849
39.7	0.9703	0.8243	0.9699	0.9719	0.8679	0.9795	0.9869
39.8	0.9577	0.7273	0.9719	0.9695	0.7851	0.9821	0.9873
39.9	0.9583	0.6932	0.9757	0.9746	0.7619	0.9839	0.9890
40.0	0.9613	0.7184	0.9792	0.9756	0.7697	0.9822	0.9888
40.1	0.9612	0.7820	0.9755	0.9736	0.8134	0.9763	0.9891
40.2	0.9381	0.6881	0.9689	0.9645	0.7381	0.9689	0.9786
40.3	0.9504	0.6866	0.9696	0.9671	0.7419	0.9676	0.9773
40.4	0.9445	0.6179	0.9609	0.9693	0.6762	0.9627	0.9754
40.5	0.9451	0.6878	0.9598	0.9688	0.7205	0.9537	0.9722
40.6	0.9462	0.6886	0.9663	0.9713	0.7299	0.9554	0.9769
40.7	0.9394	0.6464	0.9635	0.9585	0.7155	0.9617	0.9794
40.8	0.9478	0.6804	0.9668	0.9681	0.7376	0.9598	0.9812
40.9	0.9461	0.6751	0.9726	0.9654	0.7361	0.9648	0.9831
41.0	0.9394	0.6172	0.9650	0.9576	0.6850	0.9561	0.9829
41.1	0.9362	0.6585	0.9491	0.9552	0.7076	0.9293	0.9740
41.2	0.9434	0.6904	0.9581	0.9598	0.7474	0.9356	0.9796
41.3	0.9401	0.6338	0.9516	0.9572	0.7391	0.9208	0.9751
41.4	0.9474	0.6241	0.9353	0.9550	0.7380	0.9082	0.9734
41.5	0.9514	0.6232	0.9342	0.9620	0.7211	0.8957	0.9751
41.6	0.9332	0.6362	0.9240	0.9423	0.7290	0.8773	0.9764
41.7	0.9384	0.7107	0.9067	0.9518	0.7809	0.8489	0.9759
41.8	0.9505	0.7822	0.9125	0.9609	0.8435	0.8628	0.9794
41.9	0.9609	0.8458	0.9261	0.9763	0.8885	0.8844	0.9835
42.0	0.9532	0.8490	0.9040	0.9699	0.8884	0.8606	0.9795
42.1	0.9524	0.8424	0.9133	0.9771	0.8815	0.8656	0.9671
42.2	0.9534	0.7763	0.9336	0.9771	0.8307	0.8990	0.9655
42.3	0.9480	0.6826	0.9122	0.9646	0.7689	0.8716	0.9757

42.4	0.9389	0.6414	0.8829	0.9636	0.7508	0.8194	0.9686
42.5	0.9554	0.7532	0.9251	0.9820	0.8403	0.8720	0.9747
42.6	0.9651	0.8387	0.9209	0.9828	0.8969	0.8735	0.9812
42.7	0.9632	0.8563	0.9304	0.9792	0.9073	0.8959	0.9817
42.8	0.9704	0.8783	0.9305	0.9747	0.9181	0.8976	0.9823
42.9	0.9682	0.8930	0.9038	0.9659	0.9276	0.8583	0.9736
43.0	0.9765	0.9239	0.9500	0.9796	0.9418	0.9176	0.9795
43.1	0.9798	0.9028	0.9606	0.9818	0.9199	0.9320	0.9850
43.2	0.9841	0.8358	0.9429	0.9834	0.8921	0.9224	0.9841
43.3	0.9863	0.8528	0.9391	0.9826	0.9063	0.9183	0.9818
43.4	0.9903	0.9431	0.9602	0.9841	0.9613	0.9382	0.9893
43.5	0.9887	0.9393	0.9585	0.9771	0.9551	0.9344	0.9771
43.6	0.9877	0.9279	0.9513	0.9697	0.9459	0.9199	0.9691
43.7	0.9867	0.9234	0.9549	0.9756	0.9479	0.9169	0.9767
43.8	0.9872	0.9292	0.9553	0.9736	0.9581	0.9220	0.9762
43.9	0.9888	0.9493	0.9593	0.9752	0.9681	0.9289	0.9753
44.0	0.9899	0.9519	0.9666	0.9735	0.9670	0.9372	0.9749
44.1	0.9878	0.9584	0.9699	0.9652	0.9678	0.9448	0.9671
44.2	0.9879	0.9525	0.9493	0.9618	0.9587	0.9251	0.9565
44.3	0.9877	0.9613	0.9581	0.9792	0.9651	0.9360	0.9743
44.4	0.9847	0.9204	0.9604	0.9819	0.9377	0.9203	0.9755
44.5	0.9884	0.9284	0.9860	0.9903	0.9497	0.9626	0.9819
44.6	0.9880	0.9470	0.9839	0.9871	0.9651	0.9570	0.9828
44.7	0.9895	0.9614	0.9804	0.9862	0.9693	0.9526	0.9850
44.8	0.9922	0.9667	0.9841	0.9868	0.9764	0.9623	0.9811
44.9	0.9939	0.9513	0.9799	0.9805	0.9634	0.9599	0.9774
45.0	0.9931	0.9561	0.9827	0.9838	0.9645	0.9640	0.9808
45.1	0.9930	0.9493	0.9855	0.9870	0.9594	0.9657	0.9824
45.2	0.9926	0.9462	0.9784	0.9885	0.9616	0.9645	0.9888
45.3	0.9882	0.9401	0.9579	0.9869	0.9491	0.9449	0.9856
45.4	0.9894	0.9227	0.9480	0.9762	0.9328	0.9434	0.9756
45.5	0.9922	0.9620	0.9656	0.9830	0.9718	0.9609	0.9841
45.6	0.9928	0.9570	0.9754	0.9829	0.9668	0.9612	0.9902
45.7	0.9922	0.9450	0.9691	0.9694	0.9540	0.9455	0.9819
45.8	0.9918	0.9412	0.9693	0.9761	0.9479	0.9553	0.9775
45.9	0.9934	0.9461	0.9821	0.9887	0.9513	0.9710	0.9878
46.0	0.9936	0.9302	0.9855	0.9911	0.9435	0.9748	0.9938
46.1	0.9931	0.9287	0.9606	0.9804	0.9468	0.9359	0.9908
46.2	0.9867	0.7989	0.8950	0.9656	0.8362	0.8750	0.9763
46.3	0.9894	0.9041	0.9437	0.9714	0.9114	0.9377	0.9769
46.4	0.9924	0.9455	0.9572	0.9819	0.9475	0.9437	0.9864
46.5	0.9930	0.9497	0.9400	0.9867	0.9457	0.8996	0.9885
46.6	0.9932	0.9235	0.9581	0.9897	0.9196	0.9453	0.9901
46.7	0.9934	0.8773	0.9642	0.9905	0.8765	0.9576	0.9925
46.8	0.9936	0.9045	0.9709	0.9876	0.9103	0.9585	0.9923
46.9	0.9938	0.9489	0.9784	0.9893	0.9516	0.9692	0.9918
47.0	0.9889	0.8900	0.9212	0.9810	0.8858	0.9161	0.9870
47.1	0.9889	0.7711	0.9274	0.9870	0.7476	0.9338	0.9859
47.2	0.9940	0.8354	0.9807	0.9926	0.8598	0.9781	0.9877
47.3	0.9930	0.9361	0.9733	0.9910	0.9399	0.9743	0.9909
47.4	0.9944	0.9673	0.9824	0.9900	0.9700	0.9785	0.9926
47.5	0.9944	0.9622	0.9707	0.9845	0.9646	0.9640	0.9931
47.6	0.9918	0.9531	0.9433	0.9824	0.9508	0.9418	0.9946
47.7	0.9904	0.9500	0.9292	0.9885	0.9465	0.9252	0.9950
47.8	0.9822	0.8946	0.7583	0.9818	0.8819	0.8321	0.9891
47.9	0.9869	0.8896	0.8849	0.9818	0.8769	0.9121	0.9870
48.0	0.9902	0.8865	0.8818	0.9837	0.8736	0.8929	0.9896
48.1	0.9887	0.8105	0.8753	0.9803	0.8040	0.9072	0.9880
48.2	0.9895	0.9160	0.9451	0.9799	0.9154	0.9568	0.9881
48.3	0.9921	0.9325	0.9609	0.9872	0.9394	0.9715	0.9909
48.4	0.9936	0.9492	0.9691	0.9901	0.9592	0.9762	0.9940
48.5	0.9902	0.9208	0.9588	0.9832	0.9288	0.9615	0.9896
48.6	0.9922	0.9328	0.9655	0.9830	0.9358	0.9592	0.9898
48.7	0.9933	0.9588	0.9650	0.9850	0.9604	0.9537	0.9908
48.8	0.9897	0.9273	0.9023	0.9890	0.9277	0.9237	0.9898
48.9	0.9887	0.8319	0.8176	0.9882	0.8440	0.9189	0.9891
49.0	0.9883	0.8602	0.9120	0.9879	0.8845	0.9554	0.9891
49.1	0.9895	0.8809	0.9436	0.9813	0.8981	0.9616	0.9909
49.2	0.9910	0.9305	0.9668	0.9814	0.9379	0.9730	0.9859
49.3	0.9915	0.9548	0.9681	0.9787	0.9603	0.9717	0.9822
49.4	0.9898	0.9144	0.9277	0.9728	0.9236	0.9347	0.9840
49.5	0.9927	0.8897	0.9426	0.9788	0.9148	0.9401	0.9910
49.6	0.9943	0.9416	0.9798	0.9873	0.9539	0.9792	0.9927
49.7	0.9912	0.9529	0.9675	0.9803	0.9581	0.9719	0.9879
49.8	0.9916	0.9628	0.9372	0.9689	0.9643	0.9407	0.9820
49.9	0.9884	0.8993	0.8522	0.9734	0.9004	0.8893	0.9855
50.0	0.9909	0.9266	0.9459	0.9808	0.9347	0.9546	0.9868
50.1	0.9907	0.9527	0.9685	0.9757	0.9557	0.9722	0.9854
50.2	0.9921	0.9516	0.9650	0.9720	0.9539	0.9597	0.9883
50.3	0.9891	0.9186	0.9258	0.9737	0.9163	0.9257	0.9857
50.4	0.9854	0.9217	0.9379	0.9711	0.9204	0.9484	0.9844
50.5	0.9881	0.9664	0.9679	0.9696	0.9659	0.9670	0.9831
50.6	0.9904	0.9610	0.9685	0.9713	0.9626	0.9635	0.9830
50.7	0.9909	0.9505	0.9631	0.9763	0.9545	0.9626	0.9862
50.8	0.9915	0.9707	0.9791	0.9781	0.9714	0.9784	0.9846
50.9	0.9920	0.9623	0.9725	0.9770	0.9626	0.9720	0.9828

51.0	0.9909	0.9436	0.9477	0.9679	0.9423	0.9468	0.9816
51.1	0.9866	0.9432	0.9521	0.9634	0.9442	0.9484	0.9703
51.2	0.9906	0.9706	0.9690	0.9703	0.9720	0.9688	0.9836
51.3	0.9900	0.9686	0.9617	0.9670	0.9678	0.9591	0.9872
51.4	0.9825	0.9026	0.8774	0.9433	0.8953	0.8625	0.9762
51.5	0.9829	0.9187	0.9274	0.9454	0.9162	0.9237	0.9673
51.6	0.9868	0.9708	0.9713	0.9523	0.9700	0.9688	0.9758
51.7	0.9908	0.9810	0.9783	0.9622	0.9812	0.9791	0.9863
51.8	0.9902	0.9739	0.9708	0.9681	0.9739	0.9677	0.9888
51.9	0.9795	0.9464	0.9426	0.9340	0.9467	0.9379	0.9760
52.0	0.9897	0.9814	0.9818	0.9496	0.9814	0.9817	0.9866
52.1	0.9866	0.9750	0.9766	0.9350	0.9740	0.9730	0.9839
52.2	0.9883	0.9769	0.9705	0.9312	0.9760	0.9577	0.9853
52.3	0.9829	0.9550	0.9150	0.9273	0.9489	0.8815	0.9798
52.4	0.9891	0.9739	0.9511	0.9385	0.9721	0.9368	0.9813
52.5	0.9907	0.9829	0.9732	0.9526	0.9825	0.9574	0.9848
52.6	0.9902	0.9751	0.9655	0.9424	0.9737	0.9285	0.9846
52.7	0.9863	0.9527	0.9355	0.9101	0.9472	0.8944	0.9820
52.8	0.9847	0.9644	0.9619	0.9204	0.9627	0.9501	0.9825
52.9	0.9903	0.9801	0.9770	0.9398	0.9795	0.9676	0.9893
53.0	0.9932	0.9861	0.9910	0.9355	0.9861	0.9848	0.9937
53.1	0.9883	0.9758	0.9854	0.9112	0.9746	0.9770	0.9904
53.2	0.9850	0.9563	0.9646	0.9343	0.9528	0.9308	0.9879
53.3	0.9843	0.9067	0.9182	0.8950	0.8986	0.8768	0.9856
53.4	0.9876	0.9534	0.9588	0.9342	0.9515	0.9488	0.9901
53.5	0.9831	0.9519	0.9456	0.9332	0.9501	0.9181	0.9864
53.6	0.9829	0.9353	0.8927	0.9312	0.9287	0.8644	0.9834
53.7	0.9861	0.9117	0.9445	0.9268	0.9073	0.9350	0.9833
53.8	0.9845	0.9378	0.9580	0.9334	0.9363	0.9521	0.9791
53.9	0.9897	0.9747	0.9854	0.9437	0.9740	0.9804	0.9891
54.0	0.9910	0.9774	0.9871	0.9379	0.9777	0.9791	0.9905
54.1	0.9861	0.9519	0.9542	0.8759	0.9533	0.9158	0.9823
54.2	0.9807	0.9401	0.9457	0.8749	0.9405	0.9221	0.9761
54.3	0.9894	0.9781	0.9828	0.9226	0.9776	0.9767	0.9876
54.4	0.9882	0.9764	0.9859	0.8603	0.9760	0.9795	0.9883
54.5	0.9912	0.9781	0.9885	0.6629	0.9780	0.9765	0.9906
54.6	0.9764	0.9148	0.9454	0.6533	0.9111	0.8725	0.9821
54.7	0.9799	0.8995	0.9469	0.8270	0.8952	0.9004	0.9847
54.8	0.9807	0.9378	0.9534	0.8351	0.9348	0.9391	0.9838
54.9	0.9897	0.9776	0.9807	0.8753	0.9762	0.9732	0.9902
55.0	0.9907	0.9839	0.9864	0.8840	0.9832	0.9758	0.9897
55.1	0.9893	0.9835	0.9892	0.8668	0.9827	0.9787	0.9893
55.2	0.9871	0.9814	0.9870	0.8667	0.9796	0.9735	0.9884
55.3	0.9893	0.9840	0.9870	0.8131	0.9826	0.9691	0.9898
55.4	0.9879	0.9749	0.9681	0.7808	0.9713	0.9190	0.9902
55.5	0.9829	0.9641	0.9437	0.7945	0.9604	0.9040	0.9856
55.6	0.9859	0.9779	0.9770	0.8994	0.9761	0.9616	0.9859
55.7	0.9874	0.9826	0.9862	0.9064	0.9811	0.9752	0.9867
55.8	0.9879	0.9820	0.9890	0.8589	0.9799	0.9716	0.9873
55.9	0.9873	0.9784	0.9818	0.7846	0.9752	0.9395	0.9878
56.0	0.9663	0.9220	0.9075	0.7340	0.9099	0.8071	0.9818
56.1	0.9727	0.9479	0.9415	0.8258	0.9403	0.8919	0.9835
56.2	0.9875	0.9767	0.9788	0.8904	0.9729	0.9593	0.9885
56.3	0.9892	0.9777	0.9904	0.8779	0.9741	0.9714	0.9882
56.4	0.9912	0.9823	0.9924	0.8939	0.9793	0.9739	0.9912
56.5	0.9918	0.9838	0.9936	0.9186	0.9810	0.9805	0.9915
56.6	0.9919	0.9852	0.9925	0.9126	0.9818	0.9758	0.9912
56.7	0.9919	0.9828	0.9920	0.9018	0.9790	0.9763	0.9888
56.8	0.9911	0.9826	0.9903	0.9060	0.9782	0.9670	0.9892
56.9	0.9888	0.9771	0.9906	0.8925	0.9713	0.9563	0.9892
57.0	0.9846	0.9676	0.9823	0.8522	0.9577	0.9118	0.9862
57.1	0.9640	0.9160	0.9119	0.8611	0.8885	0.7872	0.9791
57.2	0.9663	0.9205	0.9207	0.8693	0.8998	0.8343	0.9809
57.3	0.9866	0.9746	0.9857	0.9512	0.9700	0.9708	0.9870
57.4	0.9880	0.9805	0.9869	0.9443	0.9775	0.9651	0.9883
57.5	0.9883	0.9788	0.9910	0.9311	0.9742	0.9627	0.9900
57.6	0.9870	0.9774	0.9918	0.9379	0.9724	0.9663	0.9894
57.7	0.9908	0.9825	0.9934	0.9416	0.9785	0.9702	0.9920
57.8	0.9928	0.9845	0.9940	0.9458	0.9814	0.9707	0.9932
57.9	0.9875	0.9751	0.9917	0.9226	0.9695	0.9619	0.9899
58.0	0.9836	0.9673	0.9898	0.8882	0.9591	0.9348	0.9883
58.1	0.9853	0.9653	0.9879	0.8924	0.9582	0.9179	0.9872
58.2	0.9884	0.9730	0.9895	0.9108	0.9673	0.9328	0.9870
58.3	0.9830	0.9701	0.9854	0.8902	0.9615	0.9248	0.9807
58.4	0.9821	0.9653	0.9804	0.8813	0.9547	0.8932	0.9843
58.5	0.9828	0.9629	0.9784	0.9275	0.9543	0.9203	0.9862
58.6	0.9877	0.9773	0.9847	0.9447	0.9722	0.9395	0.9893
58.7	0.9883	0.9738	0.9899	0.9357	0.9677	0.9378	0.9896
58.8	0.9803	0.9538	0.9871	0.9005	0.9423	0.9030	0.9831
58.9	0.9797	0.9569	0.9857	0.9053	0.9478	0.9276	0.9799
59.0	0.9803	0.9578	0.9820	0.9235	0.9476	0.9395	0.9818
59.1	0.9852	0.9655	0.9856	0.9403	0.9562	0.9418	0.9876
59.2	0.9848	0.9722	0.9901	0.9524	0.9649	0.9383	0.9858
59.3	0.9772	0.9590	0.9857	0.9428	0.9509	0.9209	0.9806
59.4	0.9805	0.9646	0.9862	0.9415	0.9564	0.9164	0.9831
59.5	0.9851	0.9726	0.9920	0.9457	0.9655	0.9302	0.9892

59.6	0.9869	0.9743	0.9910	0.9552	0.9678	0.9442	0.9899
59.7	0.9874	0.9724	0.9912	0.9349	0.9668	0.9527	0.9905
59.8	0.9847	0.9656	0.9911	0.5903	0.9603	0.9442	0.9903
59.9	0.9844	0.9679	0.9896	0.0452	0.9622	0.9500	0.8505
60.0	0.9843	0.9673	0.9882	0.0386	0.9610	0.9367	0.5598
60.1	0.9827	0.9687	0.9846	0.0724	0.9647	0.9356	0.8045
60.2	0.9857	0.9759	0.9864	0.6345	0.9719	0.9428	0.9872
60.3	0.9873	0.9784	0.9871	0.9398	0.9756	0.9450	0.9866
60.4	0.9865	0.9774	0.9888	0.9751	0.9744	0.9509	0.9874
60.5	0.9864	0.9750	0.9896	0.9713	0.9718	0.9562	0.9868
60.6	0.9898	0.9793	0.9909	0.9801	0.9769	0.9473	0.9913
60.7	0.9858	0.9762	0.9873	0.9745	0.9732	0.9450	0.9882
60.8	0.9842	0.9713	0.9854	0.9751	0.9678	0.9423	0.9846
60.9	0.9893	0.9787	0.9903	0.9824	0.9766	0.9510	0.9884
61.0	0.9889	0.9781	0.9907	0.9780	0.9754	0.9448	0.9882
61.1	0.9876	0.9780	0.9894	0.9805	0.9768	0.9542	0.9883
61.2	0.9846	0.9766	0.9866	0.9764	0.9747	0.9556	0.9861
61.3	0.9861	0.9790	0.9877	0.9772	0.9776	0.9471	0.9866
61.4	0.9874	0.9765	0.9884	0.9797	0.9750	0.9534	0.9872
61.5	0.9820	0.9743	0.9812	0.9780	0.9734	0.9509	0.9821
61.6	0.9851	0.9806	0.9854	0.9809	0.9795	0.9559	0.9858
61.7	0.9833	0.9777	0.9838	0.9743	0.9748	0.9439	0.9835
61.8	0.9847	0.9787	0.9863	0.9773	0.9763	0.9534	0.9853
61.9	0.9839	0.9767	0.9857	0.9784	0.9757	0.9618	0.9853
62.0	0.9861	0.9802	0.9854	0.9828	0.9799	0.9637	0.9855
62.1	0.9852	0.9817	0.9821	0.9836	0.9816	0.9532	0.9837
62.2	0.9821	0.9772	0.9766	0.9789	0.9770	0.9482	0.9807
62.3	0.9799	0.9741	0.9769	0.9747	0.9743	0.9518	0.9790
62.4	0.9842	0.9780	0.9826	0.9795	0.9771	0.9566	0.9831
62.5	0.9847	0.9808	0.9827	0.9818	0.9804	0.9668	0.9831
62.6	0.9843	0.9842	0.9793	0.9842	0.9843	0.9616	0.9823
62.7	0.9799	0.9773	0.9745	0.9780	0.9768	0.9567	0.9789
62.8	0.9826	0.9747	0.9801	0.9810	0.9748	0.9669	0.9826
62.9	0.9832	0.9751	0.9821	0.9790	0.9746	0.9698	0.9833
63.0	0.9818	0.9722	0.9791	0.9790	0.9712	0.9645	0.9826
63.1	0.9813	0.9782	0.9789	0.9799	0.9778	0.9655	0.9800
63.2	0.9830	0.9822	0.9807	0.9813	0.9812	0.9716	0.9828
63.3	0.9826	0.9831	0.9785	0.9836	0.9835	0.9680	0.9815
63.4	0.9779	0.9760	0.9729	0.9802	0.9770	0.9632	0.9740
63.5	0.9777	0.9655	0.9734	0.9773	0.9655	0.9658	0.9756
63.6	0.9802	0.9680	0.9763	0.9789	0.9684	0.9695	0.9776
63.7	0.9839	0.9768	0.9825	0.9826	0.9770	0.9765	0.9828
63.8	0.9840	0.9810	0.9832	0.9818	0.9804	0.9767	0.9832
63.9	0.9811	0.9770	0.9769	0.9781	0.9763	0.9704	0.9803
64.0	0.9793	0.9706	0.9771	0.9781	0.9703	0.9714	0.9785
64.1	0.9769	0.9690	0.9761	0.9734	0.9677	0.9708	0.9788
64.2	0.9826	0.9751	0.9764	0.9790	0.9761	0.9740	0.9822
64.3	0.9845	0.9789	0.9790	0.9831	0.9785	0.9778	0.9836
64.4	0.9809	0.9749	0.9739	0.9764	0.9732	0.9729	0.9799
64.5	0.9784	0.9669	0.9710	0.9779	0.9652	0.9683	0.9786
64.6	0.9779	0.9560	0.9753	0.9752	0.9503	0.9777	0.9786
64.7	0.9820	0.9585	0.9795	0.9814	0.9548	0.9775	0.9818
64.8	0.9795	0.9508	0.9786	0.9737	0.9447	0.9766	0.9819
64.9	0.9824	0.9627	0.9793	0.9739	0.9547	0.9774	0.9839
65.0	0.9815	0.9547	0.9817	0.9753	0.9463	0.9794	0.9836
65.1	0.9833	0.9476	0.9805	0.9685	0.9289	0.9797	0.9843
65.2	0.9795	0.9370	0.9784	0.9722	0.9165	0.9790	0.9817
65.3	0.9785	0.9488	0.9774	0.9693	0.9209	0.9764	0.9816
65.4	0.9814	0.9403	0.9775	0.9715	0.9008	0.9771	0.9823
65.5	0.9814	0.9335	0.9752	0.9724	0.8913	0.9810	0.9814
65.6	0.9844	0.9343	0.9834	0.9743	0.8791	0.9849	0.9853
65.7	0.9809	0.9277	0.9793	0.9688	0.8643	0.9807	0.9808
65.8	0.9816	0.9174	0.9813	0.9618	0.8595	0.9857	0.9821
65.9	0.9792	0.9149	0.9767	0.9395	0.8540	0.9826	0.9804
66.0	0.9767	0.9149	0.9685	0.9375	0.8705	0.9792	0.9738
66.1	0.9766	0.9347	0.9706	0.9262	0.9063	0.9791	0.9781
66.2	0.9788	0.9423	0.9704	0.9387	0.9175	0.9773	0.9815
66.3	0.9836	0.9432	0.9825	0.9412	0.9266	0.9867	0.9860
66.4	0.9809	0.9553	0.9782	0.9239	0.9489	0.9861	0.9855
66.5	0.9810	0.9584	0.9701	0.8857	0.9521	0.9800	0.9830
66.6	0.9758	0.9509	0.9705	0.8203	0.9446	0.9815	0.9778
66.7	0.9713	0.9522	0.9699	0.7691	0.9492	0.9855	0.9762
66.8	0.9781	0.9602	0.9720	0.8230	0.9573	0.9842	0.9829
66.9	0.9744	0.9609	0.9606	0.8106	0.9598	0.9806	0.9771
67.0	0.9784	0.9655	0.9589	0.8668	0.9632	0.9823	0.9787
67.1	0.9806	0.9737	0.9567	0.8866	0.9712	0.9829	0.9792
67.2	0.9840	0.9758	0.9648	0.9246	0.9750	0.9883	0.9837
67.3	0.9801	0.9716	0.9540	0.9204	0.9707	0.9794	0.9812
67.4	0.9800	0.9688	0.9518	0.9321	0.9666	0.9803	0.9807
67.5	0.9835	0.9749	0.9437	0.9510	0.9743	0.9830	0.9840
67.6	0.9743	0.9744	0.9313	0.9554	0.9742	0.9793	0.9787
67.7	0.9772	0.9770	0.9386	0.9673	0.9766	0.9815	0.9798
67.8	0.9811	0.9804	0.9469	0.9717	0.9803	0.9808	0.9821
67.9	0.9807	0.9813	0.9483	0.9705	0.9804	0.9807	0.9840
68.0	0.9835	0.9838	0.9525	0.9746	0.9826	0.9768	0.9860
68.1	0.9845	0.9813	0.9537	0.9743	0.9806	0.9773	0.9833

68.2	0.9843	0.9792	0.9597	0.9697	0.9786	0.9788	0.9840
68.3	0.9832	0.9796	0.9617	0.9732	0.9789	0.9770	0.9817
68.4	0.9791	0.9789	0.9513	0.9769	0.9784	0.9714	0.9795
68.5	0.9800	0.9787	0.9521	0.9711	0.9780	0.9669	0.9775
68.6	0.9804	0.9793	0.9502	0.9729	0.9791	0.9657	0.9774
68.7	0.9785	0.9760	0.9479	0.9711	0.9763	0.9578	0.9762
68.8	0.9761	0.9732	0.9432	0.9675	0.9736	0.9560	0.9736
68.9	0.9761	0.9742	0.9456	0.9695	0.9745	0.9553	0.9718
69.0	0.9806	0.9814	0.9660	0.9794	0.9808	0.9637	0.9802
69.1	0.9799	0.9831	0.9679	0.9830	0.9826	0.9612	0.9820
69.2	0.9801	0.9815	0.9653	0.9812	0.9815	0.9500	0.9819
69.3	0.9778	0.9757	0.9613	0.9741	0.9756	0.9425	0.9769
69.4	0.9743	0.9709	0.9593	0.9683	0.9703	0.9063	0.9712
69.5	0.9722	0.9723	0.9578	0.9668	0.9718	0.8712	0.9695
69.6	0.9785	0.9781	0.9652	0.9762	0.9772	0.8681	0.9785
69.7	0.9800	0.9797	0.9645	0.9799	0.9791	0.8574	0.9814
69.8	0.9782	0.9783	0.9560	0.9745	0.9784	0.8013	0.9760
69.9	0.9771	0.9756	0.9579	0.9735	0.9749	0.7653	0.9753
70.0	0.9753	0.9739	0.9610	0.9730	0.9724	0.7842	0.9761
70.1	0.9828	0.9824	0.9725	0.9804	0.9806	0.8341	0.9836
70.2	0.9801	0.9781	0.9690	0.9758	0.9761	0.8180	0.9797
70.3	0.9775	0.9772	0.9702	0.9754	0.9758	0.8689	0.9787
70.4	0.9791	0.9769	0.9624	0.9752	0.9758	0.8410	0.9753
70.5	0.9773	0.9721	0.9588	0.9681	0.9705	0.8292	0.9726
70.6	0.9780	0.9749	0.9613	0.9698	0.9730	0.8541	0.9742
70.7	0.9765	0.9753	0.9639	0.9722	0.9725	0.8371	0.9763
70.8	0.9721	0.9710	0.9585	0.9695	0.9676	0.8158	0.9754
70.9	0.9786	0.9749	0.9549	0.9719	0.9721	0.8252	0.9764
71.0	0.9819	0.9802	0.9575	0.9793	0.9796	0.8541	0.9780
71.1	0.9795	0.9786	0.9571	0.9769	0.9772	0.8504	0.9800
71.2	0.9747	0.9752	0.9502	0.9739	0.9727	0.8563	0.9775
71.3	0.9797	0.9797	0.9532	0.9787	0.9793	0.8912	0.9777
71.4	0.9772	0.9753	0.9400	0.9747	0.9731	0.8544	0.9733
71.5	0.9774	0.9770	0.9607	0.9736	0.9722	0.9054	0.9786
71.6	0.9806	0.9806	0.9586	0.9776	0.9779	0.9135	0.9788
71.7	0.9820	0.9809	0.9510	0.9778	0.9770	0.8810	0.9793
71.8	0.9756	0.9710	0.9552	0.9680	0.9668	0.9081	0.9752
71.9	0.9718	0.9684	0.9518	0.9655	0.9655	0.9116	0.9707
72.0	0.9642	0.9624	0.9345	0.9564	0.9548	0.8782	0.9662
72.1	0.9779	0.9760	0.9564	0.9739	0.9719	0.9343	0.9770
72.2	0.9818	0.9820	0.9666	0.9803	0.9791	0.9481	0.9813
72.3	0.9757	0.9766	0.9517	0.9712	0.9695	0.9167	0.9754
72.4	0.9768	0.9758	0.9498	0.9703	0.9693	0.9219	0.9746
72.5	0.9819	0.9821	0.9610	0.9776	0.9756	0.9370	0.9813
72.6	0.9741	0.9753	0.9474	0.9718	0.9690	0.9218	0.9750
72.7	0.9665	0.9682	0.9151	0.9635	0.9599	0.8798	0.9692
72.8	0.9694	0.9678	0.9240	0.9561	0.9566	0.8861	0.9677
72.9	0.9715	0.9696	0.9394	0.9586	0.9586	0.9121	0.9737
73.0	0.9764	0.9741	0.9500	0.9631	0.9659	0.9360	0.9737
73.1	0.9720	0.9680	0.9435	0.9547	0.9586	0.9337	0.9729
73.2	0.9629	0.9614	0.9290	0.9424	0.9428	0.9087	0.9721
73.3	0.9740	0.9725	0.9419	0.9551	0.9582	0.9268	0.9717
73.4	0.9795	0.9770	0.9537	0.9570	0.9659	0.9417	0.9746
73.5	0.9698	0.9684	0.9595	0.9491	0.9562	0.9506	0.9727
73.6	0.9739	0.9711	0.9636	0.9591	0.9623	0.9582	0.9781
73.7	0.9613	0.9567	0.9519	0.9338	0.9372	0.9447	0.9686
73.8	0.9603	0.9526	0.9305	0.9258	0.9328	0.9201	0.9567
73.9	0.9591	0.9462	0.9199	0.9236	0.9332	0.9116	0.9511
74.0	0.9645	0.9541	0.9401	0.9288	0.9359	0.9331	0.9640
74.1	0.9682	0.9607	0.9475	0.9288	0.9403	0.9418	0.9708
74.2	0.9712	0.9605	0.9492	0.9304	0.9373	0.9493	0.9703
74.3	0.9642	0.9525	0.9459	0.9238	0.9234	0.9402	0.9622
74.4	0.9629	0.9576	0.9506	0.9268	0.9279	0.9424	0.9679
74.5	0.9557	0.9494	0.9412	0.8969	0.9047	0.9346	0.9638
74.6	0.9641	0.9566	0.9612	0.9100	0.9178	0.9574	0.9707
74.7	0.9607	0.9480	0.9591	0.8805	0.9002	0.9547	0.9697
74.8	0.9441	0.9402	0.9613	0.8752	0.8792	0.9560	0.9683
74.9	0.9371	0.9297	0.9436	0.8398	0.8408	0.9379	0.9626
75.0	0.9406	0.9340	0.9558	0.8245	0.8428	0.9557	0.9687
75.1	0.9176	0.9166	0.9506	0.7786	0.7983	0.9535	0.9537
75.2	0.8865	0.8859	0.9408	0.7053	0.7085	0.9426	0.9384
75.3	0.8751	0.8753	0.9385	0.6574	0.6704	0.9395	0.9391
75.4	0.8712	0.8749	0.9436	0.6230	0.6421	0.9432	0.9529
75.5	0.8444	0.8449	0.9386	0.4687	0.5213	0.9363	0.9305
75.6	0.8859	0.8955	0.9509	0.5840	0.5527	0.9528	0.9502
75.7	0.8422	0.8493	0.9479	0.5016	0.4257	0.9503	0.9462
75.8	0.8683	0.8912	0.9465	0.5975	0.4373	0.9505	0.9532
75.9	0.8334	0.8573	0.9402	0.4868	0.3173	0.9415	0.9224
76.0	0.7658	0.8212	0.9436	0.4188	0.2624	0.9433	0.9099
76.1	0.8065	0.8630	0.9548	0.4589	0.2958	0.9558	0.9254
76.2	0.8050	0.8538	0.9554	0.5236	0.3288	0.9591	0.9409
76.3	0.7821	0.8534	0.9612	0.5638	0.3692	0.9630	0.9345
76.4	0.7989	0.8683	0.9422	0.5889	0.4397	0.9469	0.9294
76.5	0.8145	0.8785	0.9426	0.6272	0.4847	0.9483	0.9203
76.6	0.8389	0.9061	0.9388	0.7267	0.6012	0.9454	0.9331
76.7	0.8593	0.9064	0.9360	0.8047	0.6886	0.9430	0.9385

76.8	0.8563	0.9003	0.9523	0.7575	0.6995	0.9592	0.9444
76.9	0.8639	0.9005	0.9500	0.7639	0.7127	0.9585	0.9436
77.0	0.8843	0.9019	0.9600	0.7798	0.7669	0.9652	0.9444
77.1	0.9106	0.9207	0.9597	0.8059	0.8255	0.9623	0.9412
77.2	0.9371	0.9280	0.9548	0.8485	0.8738	0.9612	0.9492
77.3	0.9516	0.9525	0.9516	0.8926	0.9085	0.9593	0.9587
77.4	0.9368	0.9491	0.9585	0.8946	0.8934	0.9641	0.9605
77.5	0.9063	0.9219	0.9495	0.8475	0.8504	0.9539	0.9410
77.6	0.9344	0.9417	0.9433	0.8860	0.8967	0.9511	0.9470
77.7	0.9433	0.9500	0.9399	0.9095	0.9117	0.9528	0.9576
77.8	0.9433	0.9521	0.9459	0.9190	0.9183	0.9558	0.9592
77.9	0.9462	0.9477	0.9447	0.9010	0.9106	0.9537	0.9534
78.0	0.9414	0.9330	0.9336	0.8536	0.8951	0.9454	0.9408
78.1	0.9378	0.9407	0.9431	0.8812	0.9043	0.9522	0.9466
78.2	0.9424	0.9493	0.9628	0.9087	0.9077	0.9688	0.9611
78.3	0.9366	0.9481	0.9432	0.9167	0.9095	0.9521	0.9560
78.4	0.9372	0.9545	0.9382	0.9296	0.9246	0.9477	0.9570
78.5	0.9363	0.9424	0.9340	0.8988	0.9071	0.9462	0.9522
78.6	0.9432	0.9400	0.9466	0.8991	0.8943	0.9589	0.9575
78.7	0.9546	0.9540	0.9488	0.9274	0.9179	0.9624	0.9654
78.8	0.9569	0.9612	0.9576	0.9378	0.9372	0.9656	0.9691
78.9	0.9514	0.9600	0.9442	0.9320	0.9325	0.9593	0.9663
79.0	0.9494	0.9568	0.9379	0.9195	0.9237	0.9539	0.9628
79.1	0.9541	0.9574	0.9318	0.9036	0.9306	0.9527	0.9604
79.2	0.9551	0.9658	0.9519	0.9276	0.9463	0.9664	0.9707
79.3	0.9458	0.9558	0.9580	0.9224	0.9376	0.9643	0.9616
79.4	0.9286	0.9372	0.9422	0.9026	0.9196	0.9497	0.9521
79.5	0.9409	0.9456	0.9497	0.9098	0.9269	0.9581	0.9606
79.6	0.9553	0.9593	0.9633	0.9223	0.9456	0.9690	0.9648
79.7	0.9331	0.9423	0.9517	0.9050	0.9206	0.9592	0.9574
79.8	0.9263	0.9407	0.9426	0.9029	0.9129	0.9541	0.9613
79.9	0.9283	0.9467	0.9405	0.9183	0.9265	0.9521	0.9598
80.0	0.9499	0.9604	0.9479	0.9210	0.9398	0.9593	0.9700

2.2.43 Run 4 – IP050-200 – Accels 1–8

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.8164	0.9477	0.9682	0.9687	0.2469	0.3131	0.2196	0.6883
0.1	0.5219	0.8051	0.8437	0.8492	0.1005	0.0857	0.0414	0.2632
0.2	0.0007	0.0063	0.0219	0.0081	0.0061	0.0073	0.0061	0.0015
0.3	0.0036	0.0356	0.0476	0.0142	0.0133	0.0117	0.0371	0.0077
0.4	0.0132	0.0528	0.0009	0.0081	0.0132	0.0019	0.0002	0.0030
0.5	0.0075	0.0123	0.0099	0.0029	0.0096	0.0064	0.0039	0.0211
0.6	0.0194	0.0730	0.0038	0.0344	0.0054	0.0309	0.0129	0.0226
0.7	0.1774	0.2487	0.0256	0.0210	0.0253	0.0313	0.0073	0.0360
0.8	0.4395	0.6109	0.0092	0.0394	0.0767	0.1154	0.0467	0.0311
0.9	0.7004	0.8235	0.0002	0.0991	0.5257	0.5109	0.0036	0.1511
1.0	0.8504	0.8450	0.0009	0.1222	0.7557	0.6933	0.0027	0.4620
1.1	0.5315	0.6949	0.0101	0.0376	0.6582	0.5069	0.0012	0.3335
1.2	0.6700	0.8829	0.0166	0.0026	0.8719	0.6772	0.0219	0.4535
1.3	0.8753	0.9509	0.0031	0.0277	0.9463	0.8034	0.0478	0.4960
1.4	0.9044	0.9455	0.0169	0.0529	0.9534	0.7731	0.0935	0.0050
1.5	0.9596	0.9682	0.2408	0.1375	0.9584	0.8704	0.3353	0.4075
1.6	0.9730	0.9784	0.3835	0.2771	0.9729	0.9402	0.6428	0.7663
1.7	0.9627	0.9615	0.3023	0.4589	0.9786	0.9192	0.8152	0.9620
1.8	0.9364	0.9414	0.5439	0.5859	0.9755	0.8681	0.8638	0.9775
1.9	0.9257	0.9328	0.6553	0.6928	0.9737	0.8484	0.9143	0.9762
2.0	0.8783	0.8854	0.6706	0.6074	0.9269	0.7342	0.8911	0.9624
2.1	0.8580	0.8642	0.8582	0.6953	0.8972	0.8396	0.9098	0.9095
2.2	0.8050	0.8151	0.8512	0.7211	0.8293	0.8978	0.8444	0.8318
2.3	0.4105	0.4180	0.3843	0.3747	0.3572	0.8154	0.3781	0.3667
2.4	0.7660	0.7574	0.5193	0.7229	0.7299	0.7896	0.6809	0.7433
2.5	0.9190	0.9110	0.6991	0.8654	0.9232	0.9364	0.8736	0.9283
2.6	0.9579	0.9518	0.6963	0.9055	0.9744	0.9645	0.9137	0.9764
2.7	0.9689	0.9613	0.6000	0.8473	0.9868	0.9760	0.9023	0.9881
2.8	0.9550	0.9432	0.4153	0.8520	0.9880	0.9833	0.8035	0.9896
2.9	0.9629	0.9410	0.3641	0.8662	0.9963	0.9825	0.8034	0.9959
3.0	0.9523	0.9153	0.3879	0.8178	0.9970	0.9887	0.5608	0.9970
3.1	0.9438	0.8611	0.3194	0.8203	0.9983	0.9909	0.3639	0.9982
3.2	0.8482	0.6294	0.2641	0.8324	0.9985	0.9919	0.5527	0.9984
3.3	0.7399	0.7795	0.2220	0.8320	0.9989	0.9924	0.8515	0.9988
3.4	0.5740	0.8819	0.1634	0.7827	0.9988	0.9941	0.9290	0.9987
3.5	0.8324	0.9480	0.1666	0.8104	0.9991	0.9954	0.9500	0.9992
3.6	0.9234	0.9681	0.2265	0.7876	0.9992	0.9955	0.9668	0.9992
3.7	0.9673	0.9851	0.1332	0.7987	0.9994	0.9963	0.9784	0.9995
3.8	0.9753	0.9882	0.0659	0.6963	0.9995	0.9953	0.9829	0.9995
3.9	0.9841	0.9917	0.0361	0.4989	0.9995	0.9951	0.9862	0.9995
4.0	0.9917	0.9956	0.0752	0.2576	0.9996	0.9949	0.9887	0.9995
4.1	0.9899	0.9940	0.0543	0.2068	0.9995	0.9948	0.9931	0.9994
4.2	0.9900	0.9941	0.0219	0.1054	0.9994	0.9940	0.9921	0.9993
4.3	0.9931	0.9954	0.0222	0.0913	0.9993	0.9950	0.9932	0.9992
4.4	0.9958	0.9969	0.0296	0.0968	0.9993	0.9975	0.9944	0.9994
4.5	0.9966	0.9974	0.1023	0.1811	0.9993	0.9978	0.9954	0.9995
4.6	0.9969	0.9974	0.0803	0.4699	0.9991	0.9975	0.9941	0.9995
4.7	0.9974	0.9980	0.0627	0.6676	0.9988	0.9985	0.9955	0.9995
4.8	0.9977	0.9981	0.0260	0.6962	0.9987	0.9982	0.9965	0.9994
4.9	0.9968	0.9976	0.0201	0.6975	0.9985	0.9962	0.9933	0.9993
5.0	0.9974	0.9980	0.0092	0.8201	0.9979	0.9968	0.9951	0.9991
5.1	0.9979	0.9985	0.0071	0.8756	0.9978	0.9981	0.9952	0.9992
5.2	0.9974	0.9981	0.0832	0.8753	0.9978	0.9977	0.9963	0.9991
5.3	0.9979	0.9982	0.0880	0.9036	0.9972	0.9975	0.9942	0.9989
5.4	0.9986	0.9985	0.1829	0.9251	0.9968	0.9969	0.9947	0.9986
5.5	0.9982	0.9986	0.2280	0.9451	0.9964	0.9974	0.9954	0.9988
5.6	0.9981	0.9982	0.2938	0.9463	0.9953	0.9950	0.9935	0.9985
5.7	0.9981	0.9985	0.3990	0.9637	0.9941	0.9952	0.9947	0.9984
5.8	0.9985	0.9987	0.4362	0.9694	0.9920	0.9946	0.9944	0.9984
5.9	0.9988	0.9988	0.5450	0.9773	0.9921	0.9928	0.9954	0.9978
6.0	0.9984	0.9988	0.5088	0.9785	0.9923	0.9939	0.9958	0.9974
6.1	0.9987	0.9988	0.4928	0.9813	0.9938	0.9956	0.9951	0.9979
6.2	0.9989	0.9990	0.6076	0.9824	0.9952	0.9964	0.9951	0.9987
6.3	0.9985	0.9987	0.5579	0.9764	0.9919	0.9924	0.9914	0.9976
6.4	0.9980	0.9980	0.5982	0.9786	0.9823	0.9907	0.9877	0.9957
6.5	0.9986	0.9988	0.7487	0.9760	0.9850	0.9954	0.9878	0.9969
6.6	0.9987	0.9988	0.8355	0.9824	0.9874	0.9969	0.9906	0.9974
6.7	0.9981	0.9983	0.8593	0.9776	0.9860	0.9960	0.9860	0.9962
6.8	0.9972	0.9973	0.8611	0.9640	0.9821	0.9940	0.9754	0.9934
6.9	0.9948	0.9954	0.9076	0.9320	0.9815	0.9950	0.9471	0.9860
7.0	0.9922	0.9927	0.9042	0.9101	0.9826	0.9957	0.9231	0.9728
7.1	0.9829	0.9844	0.8438	0.8249	0.9710	0.9931	0.8399	0.9172
7.2	0.9864	0.9876	0.9016	0.8971	0.9805	0.9945	0.8976	0.9242
7.3	0.9950	0.9957	0.9575	0.9651	0.9861	0.9963	0.9626	0.9630
7.4	0.9944	0.9952	0.9453	0.9624	0.9873	0.9972	0.9559	0.9248
7.5	0.9932	0.9940	0.9341	0.9650	0.9870	0.9975	0.9506	0.8558
7.6	0.9938	0.9945	0.8861	0.9777	0.9834	0.9969	0.9644	0.9024
7.7	0.9966	0.9968	0.8519	0.9922	0.9840	0.9971	0.9831	0.9766
7.8	0.9974	0.9981	0.8933	0.9973	0.9871	0.9977	0.9949	0.9894
7.9	0.9988	0.9994	0.9198	0.9957	0.9894	0.9980	0.9941	0.9946

8.0	0.9979	0.9984	0.8983	0.9922	0.9811	0.9964	0.9871	0.9882
8.1	0.9984	0.9991	0.9273	0.9965	0.9875	0.9977	0.9951	0.9949
8.2	0.9966	0.9982	0.9060	0.9970	0.9891	0.9980	0.9948	0.9928
8.3	0.9945	0.9967	0.8657	0.9963	0.9833	0.9968	0.9933	0.9886
8.4	0.9971	0.9985	0.8993	0.9975	0.9857	0.9970	0.9966	0.9935
8.5	0.9933	0.9968	0.8766	0.9959	0.9847	0.9968	0.9971	0.9907
8.6	0.9947	0.9982	0.9206	0.9961	0.9897	0.9970	0.9979	0.9941
8.7	0.9959	0.9991	0.9564	0.9969	0.9928	0.9969	0.9973	0.9970
8.8	0.9968	0.9980	0.9458	0.9913	0.9895	0.9966	0.9965	0.9907
8.9	0.9952	0.9959	0.9437	0.9858	0.9890	0.9968	0.9948	0.9849
9.0	0.9948	0.9951	0.9365	0.9778	0.9908	0.9962	0.9938	0.9718
9.1	0.9959	0.9967	0.9776	0.9878	0.9915	0.9955	0.9929	0.9851
9.2	0.9823	0.9845	0.9158	0.9345	0.9857	0.9927	0.9619	0.9334
9.3	0.9778	0.9805	0.9277	0.9244	0.9902	0.9916	0.9449	0.9284
9.4	0.9763	0.9809	0.9618	0.9417	0.9931	0.9903	0.9420	0.9478
9.5	0.9817	0.9857	0.9775	0.9553	0.9952	0.9879	0.9502	0.9623
9.6	0.9870	0.9904	0.9867	0.9650	0.9964	0.9862	0.9490	0.9686
9.7	0.9908	0.9930	0.9922	0.9664	0.9971	0.9869	0.9571	0.9689
9.8	0.9954	0.9962	0.9950	0.9831	0.9974	0.9906	0.9834	0.9839
9.9	0.9971	0.9975	0.9966	0.9832	0.9975	0.9913	0.9900	0.9843
10.0	0.9978	0.9981	0.9968	0.9801	0.9971	0.9906	0.9906	0.9845
10.1	0.9969	0.9973	0.9959	0.9673	0.9957	0.9854	0.9867	0.9808
10.2	0.9963	0.9967	0.9953	0.9572	0.9951	0.9839	0.9831	0.9711
10.3	0.9981	0.9985	0.9959	0.9595	0.9970	0.9874	0.9857	0.9825
10.4	0.9982	0.9985	0.9960	0.9736	0.9977	0.9899	0.9855	0.9873
10.5	0.9986	0.9988	0.9964	0.9727	0.9979	0.9933	0.9849	0.9830
10.6	0.9978	0.9980	0.9945	0.9452	0.9970	0.9930	0.9822	0.9642
10.7	0.9972	0.9977	0.9959	0.9148	0.9975	0.9923	0.9855	0.9688
10.8	0.9973	0.9978	0.9967	0.8892	0.9969	0.9924	0.9906	0.9538
10.9	0.9973	0.9981	0.9950	0.8425	0.9963	0.9948	0.9905	0.9395
11.0	0.9954	0.9967	0.9926	0.7215	0.9953	0.9933	0.9900	0.9047
11.1	0.9974	0.9977	0.9949	0.7257	0.9976	0.9956	0.9932	0.9482
11.2	0.9974	0.9976	0.9948	0.6431	0.9979	0.9967	0.9932	0.9533
11.3	0.9956	0.9964	0.9922	0.4234	0.9963	0.9957	0.9923	0.9441
11.4	0.9954	0.9966	0.9930	0.3585	0.9966	0.9963	0.9924	0.9645
11.5	0.9972	0.9977	0.9920	0.2896	0.9975	0.9964	0.9924	0.9648
11.6	0.9967	0.9969	0.9900	0.5161	0.9976	0.9964	0.9923	0.9694
11.7	0.9959	0.9967	0.9920	0.6009	0.9977	0.9971	0.9942	0.9847
11.8	0.9960	0.9970	0.9919	0.6417	0.9974	0.9971	0.9940	0.9800
11.9	0.9979	0.9982	0.9938	0.7693	0.9980	0.9976	0.9936	0.9870
12.0	0.9954	0.9959	0.9912	0.7571	0.9973	0.9983	0.9944	0.9860
12.1	0.9947	0.9955	0.9876	0.6973	0.9971	0.9974	0.9927	0.9843
12.2	0.9962	0.9967	0.9919	0.7844	0.9979	0.9972	0.9936	0.9909
12.3	0.9961	0.9964	0.9920	0.8437	0.9975	0.9972	0.9936	0.9893
12.4	0.9941	0.9943	0.9894	0.8154	0.9974	0.9958	0.9895	0.9850
12.5	0.9927	0.9932	0.9883	0.8212	0.9963	0.9926	0.9883	0.9835
12.6	0.9937	0.9944	0.9903	0.8713	0.9967	0.9909	0.9906	0.9866
12.7	0.9930	0.9938	0.9904	0.8738	0.9970	0.9885	0.9883	0.9842
12.8	0.9925	0.9930	0.9897	0.8365	0.9969	0.9871	0.9844	0.9826
12.9	0.9906	0.9910	0.9882	0.7968	0.9945	0.9855	0.9782	0.9800
13.0	0.9863	0.9867	0.9826	0.8081	0.9922	0.9840	0.9738	0.9817
13.1	0.9817	0.9823	0.9791	0.8350	0.9883	0.9810	0.9763	0.9792
13.2	0.9793	0.9799	0.9691	0.8295	0.9884	0.9787	0.9693	0.9745
13.3	0.9741	0.9745	0.9544	0.7793	0.9871	0.9724	0.9663	0.9431
13.4	0.9452	0.9457	0.9150	0.7317	0.9721	0.9385	0.9193	0.9115
13.5	0.9589	0.9589	0.9399	0.8206	0.9773	0.9495	0.9092	0.8951
13.6	0.9540	0.9539	0.9363	0.7990	0.9756	0.9374	0.8958	0.7839
13.7	0.9541	0.9535	0.9359	0.7670	0.9808	0.9316	0.9181	0.7463
13.8	0.9679	0.9675	0.9627	0.7963	0.9891	0.9440	0.9268	0.7042
13.9	0.9835	0.9833	0.9690	0.8674	0.9852	0.9609	0.9325	0.7468
14.0	0.9881	0.9878	0.9819	0.8838	0.9853	0.9735	0.9595	0.8729
14.1	0.9889	0.9885	0.9603	0.8853	0.9629	0.9615	0.9363	0.8614
14.2	0.9903	0.9893	0.9550	0.9074	0.9601	0.9633	0.9213	0.8967
14.3	0.9804	0.9788	0.9189	0.8879	0.9354	0.9271	0.8344	0.8666
14.4	0.9727	0.9708	0.8930	0.8860	0.9234	0.8985	0.7389	0.8598
14.5	0.9853	0.9843	0.9272	0.9325	0.9568	0.8965	0.7826	0.9344
14.6	0.9877	0.9868	0.9303	0.9387	0.9649	0.8920	0.8720	0.9496
14.7	0.9922	0.9917	0.9549	0.9605	0.9784	0.9575	0.9200	0.9577
14.8	0.9920	0.9914	0.9368	0.9297	0.9716	0.9739	0.8696	0.9471
14.9	0.9957	0.9954	0.9602	0.9453	0.9841	0.9823	0.9034	0.9671
15.0	0.9963	0.9961	0.9728	0.9390	0.9876	0.9809	0.9219	0.9721
15.1	0.9965	0.9963	0.9794	0.9443	0.9889	0.9783	0.9357	0.9778
15.2	0.9971	0.9968	0.9808	0.9624	0.9896	0.9713	0.9453	0.9775
15.3	0.9982	0.9980	0.9874	0.9805	0.9926	0.9702	0.9443	0.9797
15.4	0.9975	0.9973	0.9859	0.9862	0.9891	0.9281	0.9284	0.9781
15.5	0.9982	0.9980	0.9873	0.9866	0.9903	0.8683	0.9150	0.9723
15.6	0.9986	0.9985	0.9897	0.9871	0.9936	0.8556	0.9189	0.9759
15.7	0.9987	0.9986	0.9901	0.9860	0.9916	0.7968	0.9250	0.9752
15.8	0.9989	0.9988	0.9886	0.9901	0.9926	0.8564	0.9187	0.9755
15.9	0.9990	0.9989	0.9898	0.9909	0.9918	0.9144	0.8755	0.9658
16.0	0.9993	0.9992	0.9925	0.9910	0.9948	0.9658	0.8518	0.9584
16.1	0.9993	0.9993	0.9909	0.9911	0.9962	0.9732	0.8656	0.9591
16.2	0.9994	0.9993	0.9901	0.9922	0.9965	0.9843	0.8086	0.9652
16.3	0.9994	0.9993	0.9855	0.9922	0.9933	0.9875	0.7247	0.9636
16.4	0.9996	0.9995	0.9840	0.9918	0.9913	0.9855	0.5403	0.9603
16.5	0.9995	0.9994	0.9769	0.9918	0.9881	0.9848	0.3443	0.9619

16.6	0.9996	0.9996	0.9738	0.9886	0.9893	0.9865	0.4871	0.9651
16.7	0.9995	0.9995	0.9736	0.9835	0.9920	0.9830	0.6898	0.9571
16.8	0.9995	0.9994	0.9565	0.9785	0.9874	0.9782	0.6430	0.9414
16.9	0.9996	0.9995	0.9524	0.9846	0.9887	0.9847	0.6773	0.9576
17.0	0.9997	0.9997	0.9410	0.9874	0.9892	0.9875	0.7420	0.9748
17.1	0.9997	0.9996	0.8816	0.9844	0.9880	0.9804	0.5978	0.9734
17.2	0.9997	0.9996	0.9124	0.9875	0.9905	0.9826	0.8432	0.9756
17.3	0.9997	0.9996	0.9332	0.9801	0.9891	0.9854	0.8950	0.9729
17.4	0.9998	0.9997	0.9478	0.9810	0.9894	0.9892	0.9356	0.9742
17.5	0.9997	0.9997	0.9499	0.9858	0.9888	0.9908	0.9520	0.9765
17.6	0.9997	0.9997	0.9352	0.9801	0.9864	0.9918	0.9446	0.9743
17.7	0.9995	0.9995	0.8867	0.9674	0.9801	0.9856	0.9415	0.9649
17.8	0.9997	0.9997	0.8726	0.9724	0.9851	0.9853	0.9594	0.9731
17.9	0.9997	0.9996	0.8346	0.9716	0.9833	0.9872	0.9570	0.9700
18.0	0.9998	0.9997	0.8440	0.9752	0.9774	0.9842	0.9647	0.9693
18.1	0.9998	0.9997	0.7188	0.9687	0.9731	0.9796	0.9508	0.9567
18.2	0.9997	0.9996	0.6453	0.9637	0.9689	0.9815	0.9551	0.9387
18.3	0.9996	0.9994	0.5745	0.9406	0.9624	0.9738	0.9012	0.9289
18.4	0.9996	0.9994	0.4918	0.9269	0.9476	0.9779	0.8368	0.9133
18.5	0.9997	0.9995	0.4658	0.9363	0.9539	0.9798	0.3321	0.9318
18.6	0.9998	0.9997	0.5944	0.9544	0.9395	0.9776	0.4622	0.9484
18.7	0.9997	0.9996	0.5828	0.9521	0.9327	0.9710	0.8307	0.9276
18.8	0.9998	0.9997	0.6007	0.9580	0.9415	0.9604	0.9248	0.9202
18.9	0.9997	0.9995	0.5450	0.9469	0.9097	0.9545	0.9248	0.8840
19.0	0.9996	0.9994	0.6150	0.9313	0.8941	0.9371	0.9274	0.8504
19.1	0.9996	0.9994	0.6121	0.9184	0.8844	0.8893	0.9527	0.7394
19.2	0.9996	0.9994	0.5856	0.8951	0.8952	0.8317	0.9448	0.6734
19.3	0.9996	0.9993	0.5914	0.9027	0.8793	0.7975	0.9364	0.6249
19.4	0.9996	0.9995	0.5623	0.9082	0.9090	0.8018	0.9597	0.6325
19.5	0.9997	0.9996	0.5542	0.8877	0.9181	0.8046	0.9545	0.5544
19.6	0.9997	0.9996	0.6005	0.8502	0.9053	0.7509	0.9413	0.5079
19.7	0.9995	0.9993	0.5828	0.7975	0.8519	0.6835	0.9161	0.2392
19.8	0.9995	0.9992	0.6255	0.7489	0.8035	0.6714	0.8952	0.2583
19.9	0.9997	0.9995	0.5336	0.7557	0.7290	0.5470	0.8873	0.2372
20.0	0.9995	0.9993	0.5962	0.7259	0.6486	0.5204	0.8576	0.3259
20.1	0.9996	0.9994	0.6454	0.6974	0.7685	0.4163	0.8702	0.3692
20.2	0.9997	0.9996	0.6801	0.6956	0.8453	0.2288	0.9164	0.5132
20.3	0.9997	0.9995	0.6438	0.6532	0.8145	0.2655	0.9111	0.6138
20.4	0.9996	0.9994	0.5384	0.5995	0.7408	0.1756	0.8895	0.6091
20.5	0.9998	0.9995	0.5686	0.5933	0.7652	0.0840	0.9230	0.7007
20.6	0.9997	0.9996	0.4854	0.3888	0.6679	0.0661	0.8950	0.7222
20.7	0.9996	0.9994	0.5548	0.4516	0.6277	0.0435	0.8709	0.6768
20.8	0.9996	0.9994	0.7125	0.5505	0.6098	0.0781	0.8571	0.7025
20.9	0.9995	0.9993	0.6296	0.5306	0.4908	0.1752	0.8130	0.6155
21.0	0.9997	0.9994	0.5957	0.5290	0.5264	0.5532	0.8554	0.7573
21.1	0.9996	0.9994	0.6532	0.6123	0.5024	0.6422	0.8283	0.7990
21.2	0.9997	0.9994	0.6266	0.5113	0.4526	0.5380	0.7925	0.7407
21.3	0.9997	0.9995	0.6062	0.5708	0.4159	0.5357	0.7666	0.6749
21.4	0.9997	0.9995	0.6406	0.7562	0.5693	0.5883	0.7875	0.6616
21.5	0.9996	0.9995	0.6817	0.6914	0.5056	0.6394	0.7606	0.7219
21.6	0.9996	0.9994	0.6907	0.6689	0.4547	0.5777	0.7545	0.7082
21.7	0.9996	0.9994	0.7167	0.7158	0.5844	0.6136	0.8275	0.7106
21.8	0.9996	0.9994	0.6699	0.7317	0.5657	0.6247	0.7598	0.7173
21.9	0.9996	0.9995	0.6517	0.7443	0.7067	0.7344	0.7682	0.8191
22.0	0.9995	0.9994	0.5835	0.6549	0.5454	0.6320	0.6649	0.7460
22.1	0.9995	0.9993	0.6545	0.7416	0.5995	0.6701	0.6717	0.7683
22.2	0.9997	0.9995	0.6617	0.7858	0.6885	0.7367	0.7177	0.7972
22.3	0.9996	0.9995	0.5995	0.7819	0.7305	0.7341	0.6722	0.8376
22.4	0.9996	0.9995	0.6214	0.8523	0.8686	0.7666	0.7234	0.8756
22.5	0.9995	0.9994	0.5990	0.8863	0.8384	0.8192	0.6747	0.8947
22.6	0.9995	0.9992	0.4707	0.8542	0.8532	0.8614	0.4053	0.9020
22.7	0.9997	0.9996	0.5703	0.8999	0.9037	0.9081	0.2153	0.9363
22.8	0.9997	0.9995	0.5093	0.9235	0.8954	0.9080	0.0321	0.9340
22.9	0.9995	0.9994	0.4081	0.8849	0.9029	0.9221	0.0480	0.9396
23.0	0.9996	0.9994	0.4503	0.8679	0.9296	0.9348	0.4232	0.9508
23.1	0.9995	0.9993	0.3076	0.8821	0.9366	0.9493	0.5674	0.9503
23.2	0.9993	0.9993	0.1440	0.9039	0.9323	0.9442	0.6544	0.9510
23.3	0.9991	0.9992	0.1337	0.8837	0.9463	0.9406	0.6728	0.9528
23.4	0.9991	0.9992	0.1936	0.8661	0.9338	0.9502	0.7567	0.9571
23.5	0.9992	0.9993	0.0836	0.8826	0.9458	0.9680	0.8017	0.9567
23.6	0.9992	0.9993	0.0258	0.9055	0.9530	0.9693	0.7285	0.9686
23.7	0.9992	0.9993	0.1044	0.8981	0.9516	0.9782	0.8032	0.9728
23.8	0.9990	0.9989	0.0563	0.8570	0.9523	0.9752	0.8286	0.9671
23.9	0.9990	0.9992	0.1310	0.8811	0.9622	0.9805	0.8871	0.9714
24.0	0.9990	0.9993	0.2469	0.9087	0.9532	0.9844	0.8928	0.9781
24.1	0.9991	0.9991	0.2454	0.8997	0.9529	0.9841	0.8723	0.9704
24.2	0.9986	0.9990	0.2035	0.8777	0.9571	0.9836	0.7603	0.9660
24.3	0.9983	0.9989	0.0899	0.8956	0.9625	0.9818	0.7979	0.9729
24.4	0.9986	0.9989	0.0322	0.8959	0.9628	0.9855	0.8772	0.9806
24.5	0.9990	0.9991	0.0449	0.9069	0.9618	0.9900	0.8477	0.9832
24.6	0.9986	0.9991	0.0267	0.9290	0.9717	0.9928	0.8997	0.9865
24.7	0.9988	0.9991	0.0639	0.9298	0.9745	0.9904	0.9442	0.9889
24.8	0.9989	0.9992	0.0449	0.9379	0.9726	0.9914	0.9664	0.9888
24.9	0.9985	0.9989	0.0171	0.9360	0.9627	0.9897	0.9513	0.9830
25.0	0.9981	0.9986	0.0007	0.9343	0.9525	0.9904	0.9547	0.9794
25.1	0.9988	0.9991	0.0450	0.9553	0.9739	0.9924	0.9712	0.9883

25.2	0.9988	0.9989	0.0906	0.9585	0.9702	0.9940	0.9693	0.9909
25.3	0.9981	0.9984	0.0740	0.9616	0.9688	0.9937	0.9665	0.9898
25.4	0.9975	0.9986	0.0542	0.9484	0.9703	0.9925	0.9645	0.9872
25.5	0.9974	0.9982	0.1401	0.9427	0.9691	0.9919	0.9619	0.9820
25.6	0.9972	0.9981	0.1907	0.9576	0.9693	0.9924	0.9658	0.9861
25.7	0.9971	0.9980	0.1689	0.9604	0.9713	0.9932	0.9758	0.9883
25.8	0.9974	0.9983	0.2629	0.9575	0.9815	0.9943	0.9864	0.9927
25.9	0.9971	0.9976	0.3404	0.9592	0.9758	0.9930	0.9850	0.9945
26.0	0.9978	0.9977	0.3612	0.9760	0.9735	0.9937	0.9861	0.9948
26.1	0.9976	0.9977	0.4367	0.9703	0.9733	0.9921	0.9846	0.9943
26.2	0.9960	0.9959	0.4819	0.9724	0.9792	0.9928	0.9880	0.9936
26.3	0.9965	0.9961	0.5493	0.9680	0.9752	0.9938	0.9901	0.9947
26.4	0.9966	0.9967	0.6116	0.9696	0.9757	0.9927	0.9895	0.9954
26.5	0.9967	0.9965	0.5960	0.9666	0.9755	0.9863	0.9921	0.9955
26.6	0.9962	0.9961	0.7006	0.9702	0.9764	0.9881	0.9916	0.9960
26.7	0.9960	0.9960	0.7312	0.9771	0.9753	0.9902	0.9924	0.9941
26.8	0.9958	0.9940	0.7437	0.9766	0.9817	0.9876	0.9947	0.9942
26.9	0.9947	0.9934	0.7844	0.9719	0.9767	0.9845	0.9954	0.9954
27.0	0.9914	0.9901	0.7535	0.9720	0.9747	0.9770	0.9952	0.9948
27.1	0.9903	0.9858	0.6886	0.9624	0.9755	0.9761	0.9914	0.9940
27.2	0.9935	0.9906	0.7654	0.9626	0.9814	0.9838	0.9919	0.9952
27.3	0.9941	0.9918	0.8263	0.9587	0.9790	0.9843	0.9944	0.9953
27.4	0.9938	0.9889	0.8421	0.9623	0.9834	0.9892	0.9958	0.9966
27.5	0.9924	0.9870	0.8419	0.9524	0.9792	0.9916	0.9954	0.9963
27.6	0.9929	0.9899	0.8636	0.9680	0.9832	0.9924	0.9956	0.9967
27.7	0.9927	0.9833	0.8386	0.9490	0.9794	0.9916	0.9937	0.9964
27.8	0.9930	0.9794	0.8643	0.9184	0.9827	0.9920	0.9908	0.9966
27.9	0.9919	0.9793	0.8442	0.8957	0.9766	0.9917	0.9910	0.9961
28.0	0.9915	0.9755	0.8516	0.8826	0.9798	0.9955	0.9917	0.9970
28.1	0.9907	0.9757	0.8755	0.8902	0.9841	0.9963	0.9910	0.9970
28.2	0.9893	0.9689	0.8555	0.8821	0.9756	0.9949	0.9921	0.9972
28.3	0.9878	0.9434	0.8573	0.8534	0.9711	0.9968	0.9899	0.9973
28.4	0.9883	0.9309	0.8930	0.8824	0.9761	0.9969	0.9905	0.9967
28.5	0.9873	0.8863	0.8806	0.8570	0.9689	0.9969	0.9891	0.9959
28.6	0.9879	0.8483	0.9040	0.8478	0.9726	0.9971	0.9870	0.9964
28.7	0.9861	0.7888	0.8841	0.8413	0.9691	0.9948	0.9882	0.9966
28.8	0.9784	0.7140	0.8645	0.8623	0.9756	0.9953	0.9894	0.9959
28.9	0.9805	0.6965	0.8666	0.8673	0.9682	0.9962	0.9877	0.9960
29.0	0.9737	0.5239	0.8635	0.8675	0.9617	0.9962	0.9860	0.9957
29.1	0.9706	0.6860	0.9173	0.8866	0.9667	0.9966	0.9913	0.9970
29.2	0.9701	0.6872	0.8990	0.8300	0.9459	0.9952	0.9820	0.9945
29.3	0.9743	0.7431	0.9099	0.8730	0.9408	0.9962	0.9811	0.9943
29.4	0.9737	0.7809	0.9057	0.8743	0.9279	0.9948	0.9758	0.9894
29.5	0.9706	0.8483	0.9238	0.8930	0.9396	0.9952	0.9778	0.9905
29.6	0.9692	0.8884	0.9419	0.9048	0.9575	0.9958	0.9830	0.9945
29.7	0.9540	0.8888	0.9449	0.8976	0.9570	0.9953	0.9818	0.9935
29.8	0.9371	0.8921	0.9503	0.8986	0.9469	0.9955	0.9810	0.9917
29.9	0.9330	0.8846	0.9354	0.8789	0.9275	0.9940	0.9647	0.9903
30.0	0.9254	0.8839	0.9127	0.8440	0.9136	0.9933	0.9579	0.9867
30.1	0.9309	0.9058	0.9322	0.8708	0.9324	0.9930	0.9784	0.9887
30.2	0.9177	0.9256	0.9400	0.8891	0.9493	0.9927	0.9862	0.9910
30.3	0.9047	0.9198	0.9476	0.9166	0.9550	0.9913	0.9882	0.9931
30.4	0.8955	0.9193	0.9516	0.9183	0.9645	0.9917	0.9901	0.9951
30.5	0.9077	0.9467	0.9604	0.9410	0.9760	0.9928	0.9923	0.9968
30.6	0.8699	0.9135	0.9320	0.9208	0.9663	0.9900	0.9901	0.9959
30.7	0.8316	0.9059	0.9227	0.8937	0.9595	0.9865	0.9857	0.9943
30.8	0.8502	0.9317	0.9455	0.9158	0.9626	0.9890	0.9866	0.9949
30.9	0.8609	0.9531	0.9569	0.9292	0.9687	0.9867	0.9868	0.9952
31.0	0.8134	0.9461	0.9492	0.9253	0.9664	0.9847	0.9870	0.9950
31.1	0.7872	0.9452	0.9513	0.9191	0.9723	0.9880	0.9848	0.9956
31.2	0.8254	0.9464	0.9543	0.9379	0.9759	0.9876	0.9806	0.9962
31.3	0.7798	0.9473	0.9552	0.9458	0.9681	0.9857	0.9762	0.9959
31.4	0.7926	0.9433	0.9499	0.9488	0.9677	0.9892	0.9812	0.9951
31.5	0.8214	0.9518	0.9500	0.9627	0.9628	0.9875	0.9829	0.9955
31.6	0.8251	0.9397	0.9469	0.9654	0.9565	0.9810	0.9788	0.9931
31.7	0.8204	0.9471	0.9529	0.9641	0.9588	0.9804	0.9777	0.9925
31.8	0.8591	0.9578	0.9596	0.9711	0.9634	0.9835	0.9851	0.9945
31.9	0.8219	0.9277	0.9308	0.9683	0.9651	0.9787	0.9834	0.9935
32.0	0.8689	0.9175	0.9185	0.9673	0.9749	0.9747	0.9845	0.9950
32.1	0.8605	0.9160	0.9173	0.9655	0.9608	0.9706	0.9786	0.9920
32.2	0.9104	0.9531	0.9541	0.9825	0.9787	0.9888	0.9880	0.9944
32.3	0.8760	0.9317	0.9346	0.9802	0.9681	0.9819	0.9814	0.9908
32.4	0.8396	0.9322	0.9335	0.9724	0.9744	0.9783	0.9822	0.9909
32.5	0.9108	0.9420	0.9431	0.9788	0.9824	0.9772	0.9852	0.9920
32.6	0.8955	0.9295	0.9313	0.9753	0.9820	0.9761	0.9830	0.9906
32.7	0.8919	0.9133	0.9142	0.9736	0.9803	0.9694	0.9809	0.9912
32.8	0.9129	0.9081	0.9107	0.9729	0.9801	0.9685	0.9822	0.9893
32.9	0.8631	0.8960	0.8978	0.9658	0.9803	0.9699	0.9834	0.9901
33.0	0.8766	0.8836	0.8884	0.9714	0.9811	0.9679	0.9838	0.9896
33.1	0.8627	0.8705	0.8802	0.9500	0.9781	0.9593	0.9824	0.9880
33.2	0.8807	0.8647	0.8707	0.9421	0.9824	0.9560	0.9841	0.9880
33.3	0.9100	0.8805	0.8827	0.9621	0.9843	0.9659	0.9866	0.9895
33.4	0.8737	0.8007	0.8170	0.9339	0.9814	0.9367	0.9848	0.9873
33.5	0.9037	0.8310	0.8369	0.9547	0.9866	0.9335	0.9881	0.9877
33.6	0.8830	0.8017	0.8063	0.9483	0.9814	0.9200	0.9832	0.9843
33.7	0.9132	0.8282	0.8372	0.9623	0.9856	0.9394	0.9875	0.9884

33.8	0.9204	0.7842	0.8060	0.9638	0.9841	0.9298	0.9849	0.9858
33.9	0.9414	0.6795	0.7234	0.9750	0.9803	0.9075	0.9840	0.9820
34.0	0.9449	0.6200	0.6906	0.9742	0.9781	0.9295	0.9793	0.9797
34.1	0.9531	0.6484	0.7687	0.9789	0.9866	0.9666	0.9864	0.9886
34.2	0.9383	0.5605	0.7188	0.9677	0.9721	0.9516	0.9758	0.9769
34.3	0.9457	0.6457	0.7987	0.9650	0.9635	0.9518	0.9654	0.9665
34.4	0.9586	0.7558	0.8736	0.9750	0.9741	0.9626	0.9763	0.9744
34.5	0.9531	0.8244	0.9103	0.9731	0.9709	0.9582	0.9728	0.9706
34.6	0.9527	0.8476	0.9093	0.9668	0.9536	0.9460	0.9565	0.9538
34.7	0.9519	0.8822	0.9321	0.9649	0.9475	0.9336	0.9531	0.9452
34.8	0.9791	0.9492	0.9739	0.9855	0.9756	0.9690	0.9786	0.9741
34.9	0.9825	0.9595	0.9785	0.9884	0.9751	0.9644	0.9790	0.9742
35.0	0.9842	0.9542	0.9767	0.9883	0.9697	0.9579	0.9754	0.9684
35.1	0.9848	0.9553	0.9793	0.9877	0.9638	0.9564	0.9707	0.9586
35.2	0.9884	0.9419	0.9749	0.9898	0.9574	0.9465	0.9688	0.9484
35.3	0.9857	0.9608	0.9846	0.9889	0.9587	0.9483	0.9679	0.9487
35.4	0.9896	0.9578	0.9831	0.9895	0.9483	0.9122	0.9621	0.9310
35.5	0.9898	0.9526	0.9820	0.9895	0.9266	0.8963	0.9478	0.8935
35.6	0.9909	0.9495	0.9833	0.9914	0.9274	0.8759	0.9514	0.8848
35.7	0.9914	0.9276	0.9792	0.9904	0.9042	0.7851	0.9283	0.8373
35.8	0.9855	0.9197	0.9797	0.9891	0.9028	0.7704	0.9164	0.8430
35.9	0.9867	0.9200	0.9817	0.9878	0.9002	0.7242	0.9063	0.8597
36.0	0.9912	0.9461	0.9889	0.9905	0.9200	0.7239	0.9074	0.8985
36.1	0.9887	0.9133	0.9850	0.9876	0.8920	0.4928	0.8560	0.8734
36.2	0.9881	0.8855	0.9806	0.9889	0.9328	0.1939	0.8945	0.9258
36.3	0.9919	0.9134	0.9861	0.9907	0.9640	0.0546	0.9418	0.9600
36.4	0.9910	0.9217	0.9910	0.9923	0.9724	0.2017	0.9507	0.9722
36.5	0.9881	0.8885	0.9888	0.9905	0.9641	0.4701	0.9399	0.9694
36.6	0.9887	0.8915	0.9877	0.9889	0.9688	0.5136	0.9490	0.9705
36.7	0.9918	0.9074	0.9909	0.9906	0.9781	0.6405	0.9611	0.9761
36.8	0.9902	0.8747	0.9900	0.9889	0.9728	0.7839	0.9535	0.9739
36.9	0.9869	0.8218	0.9861	0.9882	0.9780	0.8419	0.9617	0.9793
37.0	0.9874	0.8319	0.9892	0.9895	0.9808	0.9021	0.9692	0.9815
37.1	0.9903	0.8392	0.9908	0.9915	0.9861	0.9381	0.9786	0.9861
37.2	0.9929	0.8395	0.9884	0.9938	0.9910	0.9430	0.9860	0.9897
37.3	0.9894	0.8157	0.9870	0.9929	0.9882	0.9402	0.9807	0.9864
37.4	0.9833	0.7294	0.9811	0.9911	0.9854	0.9165	0.9765	0.9839
37.5	0.9860	0.7070	0.9788	0.9916	0.9911	0.9420	0.9852	0.9881
37.6	0.9826	0.7215	0.9816	0.9914	0.9881	0.9498	0.9824	0.9863
37.7	0.9838	0.8142	0.9849	0.9908	0.9890	0.9662	0.9849	0.9870
37.8	0.9843	0.8278	0.9868	0.9911	0.9909	0.9737	0.9849	0.9892
37.9	0.9814	0.8081	0.9802	0.9891	0.9881	0.9731	0.9855	0.9864
38.0	0.9810	0.8396	0.9811	0.9927	0.9913	0.9812	0.9889	0.9891
38.1	0.9718	0.8254	0.9770	0.9919	0.9900	0.9756	0.9868	0.9885
38.2	0.9766	0.8404	0.9784	0.9906	0.9907	0.9722	0.9884	0.9882
38.3	0.9849	0.8850	0.9847	0.9918	0.9938	0.9761	0.9924	0.9909
38.4	0.9879	0.9265	0.9875	0.9955	0.9954	0.9844	0.9943	0.9935
38.5	0.9827	0.9262	0.9795	0.9925	0.9930	0.9797	0.9893	0.9922
38.6	0.9843	0.9270	0.9754	0.9925	0.9916	0.9760	0.9890	0.9884
38.7	0.9874	0.9378	0.9802	0.9945	0.9932	0.9796	0.9913	0.9883
38.8	0.9875	0.9236	0.9757	0.9950	0.9937	0.9811	0.9920	0.9880
38.9	0.9888	0.9313	0.9770	0.9944	0.9939	0.9840	0.9921	0.9898
39.0	0.9876	0.9406	0.9805	0.9966	0.9956	0.9881	0.9949	0.9914
39.1	0.9892	0.9604	0.9829	0.9959	0.9952	0.9913	0.9946	0.9917
39.2	0.9859	0.9552	0.9791	0.9950	0.9941	0.9824	0.9933	0.9891
39.3	0.9832	0.9577	0.9791	0.9941	0.9956	0.9797	0.9950	0.9908
39.4	0.9873	0.9633	0.9786	0.9947	0.9965	0.9864	0.9953	0.9919
39.5	0.9913	0.9625	0.9697	0.9928	0.9956	0.9788	0.9927	0.9914
39.6	0.9932	0.9728	0.9710	0.9923	0.9970	0.9842	0.9927	0.9938
39.7	0.9907	0.9746	0.9752	0.9946	0.9971	0.9872	0.9934	0.9942
39.8	0.9900	0.9694	0.9721	0.9945	0.9968	0.9837	0.9930	0.9932
39.9	0.9933	0.9803	0.9743	0.9944	0.9975	0.9864	0.9927	0.9935
40.0	0.9928	0.9731	0.9723	0.9937	0.9972	0.9799	0.9925	0.9920
40.1	0.9939	0.9736	0.9722	0.9936	0.9972	0.9780	0.9921	0.9935
40.2	0.9927	0.9712	0.9673	0.9927	0.9977	0.9756	0.9926	0.9943
40.3	0.9918	0.9739	0.9649	0.9916	0.9977	0.9763	0.9894	0.9941
40.4	0.9945	0.9848	0.9770	0.9925	0.9980	0.9794	0.9904	0.9950
40.5	0.9952	0.9868	0.9798	0.9932	0.9984	0.9766	0.9894	0.9945
40.6	0.9957	0.9837	0.9764	0.9906	0.9974	0.9705	0.9851	0.9907
40.7	0.9940	0.9810	0.9724	0.9893	0.9971	0.9677	0.9861	0.9914
40.8	0.9951	0.9828	0.9660	0.9895	0.9969	0.9630	0.9814	0.9912
40.9	0.9965	0.9862	0.9587	0.9893	0.9975	0.9604	0.9807	0.9919
41.0	0.9963	0.9898	0.9697	0.9901	0.9983	0.9680	0.9852	0.9947
41.1	0.9966	0.9922	0.9682	0.9895	0.9981	0.9540	0.9837	0.9937
41.2	0.9967	0.9886	0.9639	0.9859	0.9974	0.9417	0.9737	0.9901
41.3	0.9976	0.9896	0.9640	0.9870	0.9977	0.9426	0.9749	0.9915
41.4	0.9977	0.9907	0.9646	0.9881	0.9980	0.9486	0.9695	0.9920
41.5	0.9968	0.9917	0.9722	0.9892	0.9984	0.9607	0.9759	0.9940
41.6	0.9967	0.9930	0.9709	0.9865	0.9983	0.9534	0.9678	0.9913
41.7	0.9976	0.9928	0.9761	0.9859	0.9982	0.9535	0.9577	0.9890
41.8	0.9968	0.9935	0.9786	0.9889	0.9984	0.9478	0.9618	0.9922
41.9	0.9969	0.9941	0.9706	0.9844	0.9979	0.9516	0.9465	0.9911
42.0	0.9972	0.9944	0.9673	0.9826	0.9980	0.9373	0.9410	0.9889
42.1	0.9975	0.9946	0.9644	0.9805	0.9983	0.9347	0.9403	0.9895
42.2	0.9971	0.9936	0.9640	0.9813	0.9980	0.9395	0.9268	0.9894
42.3	0.9971	0.9933	0.9671	0.9867	0.9981	0.9458	0.9230	0.9887

42.4	0.9976	0.9937	0.9672	0.9835	0.9976	0.9456	0.9156	0.9875
42.5	0.9977	0.9943	0.9639	0.9792	0.9977	0.9369	0.9024	0.9893
42.6	0.9979	0.9954	0.9675	0.9808	0.9979	0.9384	0.8985	0.9856
42.7	0.9977	0.9957	0.9764	0.9819	0.9985	0.9614	0.8890	0.9910
42.8	0.9977	0.9945	0.9764	0.9816	0.9982	0.9650	0.8738	0.9928
42.9	0.9980	0.9956	0.9744	0.9792	0.9980	0.9543	0.8580	0.9917
43.0	0.9979	0.9952	0.9725	0.9695	0.9976	0.9500	0.8395	0.9898
43.1	0.9980	0.9956	0.9739	0.9718	0.9978	0.9620	0.8628	0.9920
43.2	0.9982	0.9970	0.9787	0.9741	0.9986	0.9644	0.9149	0.9942
43.3	0.9982	0.9967	0.9657	0.9678	0.9984	0.9579	0.8449	0.9914
43.4	0.9984	0.9961	0.9637	0.9655	0.9989	0.9628	0.8412	0.9949
43.5	0.9985	0.9967	0.9693	0.9722	0.9989	0.9686	0.8679	0.9962
43.6	0.9982	0.9966	0.9675	0.9678	0.9987	0.9678	0.8572	0.9960
43.7	0.9983	0.9966	0.9690	0.9647	0.9988	0.9585	0.9116	0.9963
43.8	0.9986	0.9964	0.9692	0.9663	0.9991	0.9601	0.9463	0.9957
43.9	0.9988	0.9971	0.9710	0.9625	0.9990	0.9753	0.9540	0.9947
44.0	0.9986	0.9969	0.9546	0.9450	0.9986	0.9675	0.9371	0.9934
44.1	0.9989	0.9978	0.9708	0.9647	0.9990	0.9787	0.9533	0.9959
44.2	0.9982	0.9968	0.9746	0.9584	0.9987	0.9745	0.9357	0.9939
44.3	0.9989	0.9977	0.9703	0.9488	0.9987	0.9732	0.9517	0.9954
44.4	0.9989	0.9976	0.9711	0.9457	0.9988	0.9667	0.9716	0.9966
44.5	0.9985	0.9969	0.9680	0.9268	0.9990	0.9630	0.9783	0.9963
44.6	0.9989	0.9978	0.9613	0.9065	0.9988	0.9610	0.9753	0.9951
44.7	0.9990	0.9981	0.9590	0.9212	0.9986	0.9550	0.9798	0.9943
44.8	0.9985	0.9968	0.9613	0.8862	0.9985	0.9485	0.9690	0.9952
44.9	0.9987	0.9979	0.9675	0.8987	0.9989	0.9642	0.9774	0.9962
45.0	0.9989	0.9979	0.9755	0.9256	0.9988	0.9729	0.9779	0.9953
45.1	0.9985	0.9968	0.9494	0.8870	0.9976	0.9582	0.9686	0.9915
45.2	0.9984	0.9970	0.9446	0.8836	0.9976	0.9439	0.9757	0.9927
45.3	0.9986	0.9977	0.9589	0.8982	0.9984	0.9256	0.9775	0.9937
45.4	0.9984	0.9973	0.9480	0.9182	0.9981	0.9189	0.9792	0.9956
45.5	0.9982	0.9971	0.9490	0.9264	0.9979	0.9483	0.9839	0.9961
45.6	0.9989	0.9982	0.9738	0.9458	0.9989	0.9540	0.9864	0.9972
45.7	0.9987	0.9979	0.9687	0.9239	0.9981	0.9203	0.9783	0.9953
45.8	0.9988	0.9977	0.9494	0.9270	0.9977	0.9177	0.9809	0.9945
45.9	0.9990	0.9982	0.9604	0.9541	0.9984	0.9341	0.9867	0.9961
46.0	0.9989	0.9981	0.9594	0.9558	0.9981	0.9422	0.9883	0.9958
46.1	0.9989	0.9982	0.9564	0.9434	0.9979	0.8971	0.9851	0.9935
46.2	0.9993	0.9988	0.9714	0.9604	0.9986	0.8644	0.9891	0.9939
46.3	0.9992	0.9986	0.9668	0.9590	0.9981	0.8974	0.9867	0.9936
46.4	0.9992	0.9984	0.9636	0.9516	0.9978	0.8960	0.9884	0.9948
46.5	0.9989	0.9981	0.9649	0.9523	0.9982	0.8056	0.9897	0.9960
46.6	0.9989	0.9983	0.9611	0.9669	0.9977	0.8186	0.9891	0.9958
46.7	0.9989	0.9984	0.9688	0.9730	0.9982	0.8772	0.9918	0.9964
46.8	0.9992	0.9988	0.9713	0.9774	0.9986	0.9304	0.9940	0.9974
46.9	0.9992	0.9985	0.9703	0.9760	0.9985	0.9534	0.9929	0.9974
47.0	0.9991	0.9984	0.9563	0.9725	0.9982	0.9383	0.9910	0.9959
47.1	0.9991	0.9987	0.9692	0.9757	0.9984	0.9559	0.9937	0.9975
47.2	0.9991	0.9987	0.9778	0.9810	0.9985	0.9644	0.9934	0.9969
47.3	0.9991	0.9986	0.9667	0.9820	0.9986	0.9649	0.9948	0.9968
47.4	0.9987	0.9982	0.9502	0.9755	0.9973	0.9654	0.9915	0.9942
47.5	0.9988	0.9983	0.9645	0.9747	0.9975	0.9692	0.9906	0.9927
47.6	0.9989	0.9984	0.9696	0.9773	0.9978	0.9754	0.9905	0.9948
47.7	0.9991	0.9984	0.9573	0.9807	0.9977	0.9686	0.9917	0.9952
47.8	0.9989	0.9984	0.9659	0.9827	0.9978	0.9745	0.9916	0.9960
47.9	0.9989	0.9985	0.9760	0.9820	0.9981	0.9758	0.9916	0.9979
48.0	0.9991	0.9987	0.9709	0.9781	0.9976	0.9878	0.9933	0.9952
48.1	0.9990	0.9986	0.9656	0.9823	0.9977	0.9837	0.9931	0.9946
48.2	0.9992	0.9988	0.9661	0.9890	0.9978	0.9881	0.9942	0.9978
48.3	0.9992	0.9988	0.9728	0.9877	0.9975	0.9891	0.9948	0.9964
48.4	0.9989	0.9984	0.9666	0.9820	0.9972	0.9846	0.9938	0.9953
48.5	0.9985	0.9980	0.9688	0.9834	0.9974	0.9843	0.9938	0.9947
48.6	0.9989	0.9986	0.9660	0.9784	0.9970	0.9890	0.9931	0.9958
48.7	0.9991	0.9986	0.9522	0.9789	0.9963	0.9900	0.9919	0.9956
48.8	0.9989	0.9983	0.9720	0.9860	0.9971	0.9909	0.9939	0.9966
48.9	0.9990	0.9986	0.9792	0.9897	0.9975	0.9873	0.9933	0.9955
49.0	0.9990	0.9987	0.9753	0.9868	0.9975	0.9902	0.9938	0.9948
49.1	0.9990	0.9987	0.9743	0.9858	0.9973	0.9925	0.9941	0.9949
49.2	0.9988	0.9983	0.9575	0.9824	0.9953	0.9871	0.9900	0.9921
49.3	0.9988	0.9983	0.9561	0.9839	0.9953	0.9902	0.9904	0.9922
49.4	0.9983	0.9977	0.9623	0.9823	0.9942	0.9899	0.9895	0.9899
49.5	0.9987	0.9983	0.9758	0.9856	0.9959	0.9905	0.9935	0.9936
49.6	0.9986	0.9982	0.9791	0.9871	0.9956	0.9918	0.9933	0.9943
49.7	0.9985	0.9982	0.9794	0.9895	0.9956	0.9925	0.9919	0.9933
49.8	0.9987	0.9983	0.9730	0.9889	0.9955	0.9929	0.9913	0.9935
49.9	0.9988	0.9985	0.9727	0.9897	0.9954	0.9936	0.9916	0.9922
50.0	0.9985	0.9981	0.9813	0.9885	0.9963	0.9909	0.9940	0.9959
50.1	0.9983	0.9978	0.9677	0.9873	0.9946	0.9901	0.9926	0.9938
50.2	0.9981	0.9977	0.9680	0.9865	0.9930	0.9878	0.9888	0.9904
50.3	0.9987	0.9982	0.9752	0.9863	0.9946	0.9907	0.9919	0.9916
50.4	0.9987	0.9982	0.9770	0.9870	0.9958	0.9909	0.9937	0.9954
50.5	0.9986	0.9983	0.9714	0.9879	0.9937	0.9909	0.9913	0.9929
50.6	0.9982	0.9978	0.9776	0.9880	0.9933	0.9940	0.9918	0.9905
50.7	0.9984	0.9981	0.9793	0.9854	0.9942	0.9933	0.9922	0.9911
50.8	0.9988	0.9985	0.9821	0.9903	0.9959	0.9944	0.9947	0.9941
50.9	0.9979	0.9975	0.9781	0.9871	0.9937	0.9904	0.9938	0.9888

51.0	0.9979	0.9976	0.9745	0.9873	0.9931	0.9871	0.9923	0.9783
51.1	0.9978	0.9974	0.9719	0.9869	0.9937	0.9866	0.9936	0.9834
51.2	0.9980	0.9977	0.9678	0.9853	0.9925	0.9915	0.9933	0.9811
51.3	0.9987	0.9984	0.9821	0.9885	0.9950	0.9942	0.9951	0.9890
51.4	0.9984	0.9983	0.9795	0.9837	0.9938	0.9913	0.9940	0.9822
51.5	0.9979	0.9977	0.9755	0.9814	0.9939	0.9870	0.9938	0.9754
51.6	0.9981	0.9979	0.9811	0.9879	0.9937	0.9875	0.9938	0.9873
51.7	0.9983	0.9980	0.9866	0.9878	0.9953	0.9911	0.9954	0.9835
51.8	0.9986	0.9984	0.9881	0.9884	0.9957	0.9943	0.9961	0.9857
51.9	0.9982	0.9980	0.9844	0.9852	0.9939	0.9883	0.9948	0.9527
52.0	0.9977	0.9975	0.9860	0.9867	0.9946	0.9905	0.9955	0.9560
52.1	0.9980	0.9978	0.9862	0.9890	0.9944	0.9915	0.9950	0.9830
52.2	0.9981	0.9981	0.9862	0.9875	0.9954	0.9881	0.9958	0.9810
52.3	0.9983	0.9982	0.9910	0.9872	0.9966	0.9898	0.9972	0.9789
52.4	0.9972	0.9969	0.9850	0.9784	0.9934	0.9875	0.9946	0.9656
52.5	0.9966	0.9963	0.9865	0.9821	0.9947	0.9871	0.9951	0.9804
52.6	0.9973	0.9973	0.9921	0.9862	0.9954	0.9899	0.9958	0.9840
52.7	0.9976	0.9976	0.9923	0.9845	0.9961	0.9905	0.9970	0.9744
52.8	0.9983	0.9982	0.9907	0.9865	0.9967	0.9899	0.9972	0.9756
52.9	0.9985	0.9985	0.9865	0.9884	0.9958	0.9892	0.9964	0.9711
53.0	0.9977	0.9974	0.9877	0.9781	0.9940	0.9896	0.9954	0.9792
53.1	0.9976	0.9975	0.9895	0.9783	0.9954	0.9881	0.9965	0.9833
53.2	0.9984	0.9984	0.9904	0.9815	0.9971	0.9919	0.9973	0.9785
53.3	0.9979	0.9978	0.9895	0.9782	0.9964	0.9923	0.9973	0.9324
53.4	0.9973	0.9971	0.9839	0.9663	0.9950	0.9892	0.9968	0.8324
53.5	0.9979	0.9976	0.9836	0.9662	0.9961	0.9872	0.9970	0.9354
53.6	0.9979	0.9976	0.9850	0.9662	0.9970	0.9803	0.9975	0.9727
53.7	0.9988	0.9986	0.9877	0.9699	0.9971	0.9846	0.9981	0.9667
53.8	0.9986	0.9984	0.9845	0.9727	0.9951	0.9864	0.9968	0.9607
53.9	0.9988	0.9987	0.9879	0.9769	0.9959	0.9907	0.9971	0.9847
54.0	0.9987	0.9985	0.9858	0.9688	0.9961	0.9917	0.9971	0.9849
54.1	0.9970	0.9967	0.9805	0.9557	0.9956	0.9901	0.9966	0.9751
54.2	0.9967	0.9966	0.9734	0.9569	0.9947	0.9846	0.9960	0.9588
54.3	0.9985	0.9984	0.9748	0.9485	0.9943	0.9858	0.9958	0.9802
54.4	0.9983	0.9979	0.9818	0.9567	0.9960	0.9892	0.9966	0.9891
54.5	0.9980	0.9977	0.9818	0.9487	0.9952	0.9878	0.9972	0.9889
54.6	0.9978	0.9974	0.9736	0.9375	0.9950	0.9825	0.9964	0.9784
54.7	0.9981	0.9978	0.9725	0.9466	0.9953	0.9829	0.9955	0.9714
54.8	0.9975	0.9972	0.9652	0.9290	0.9952	0.9855	0.9956	0.9667
54.9	0.9986	0.9984	0.9807	0.9571	0.9968	0.9910	0.9975	0.9827
55.0	0.9986	0.9984	0.9855	0.9606	0.9969	0.9949	0.9977	0.9847
55.1	0.9983	0.9981	0.9779	0.9241	0.9961	0.9917	0.9966	0.9817
55.2	0.9977	0.9973	0.9620	0.8946	0.9949	0.9863	0.9955	0.9765
55.3	0.9971	0.9966	0.9492	0.8795	0.9919	0.9858	0.9940	0.9758
55.4	0.9976	0.9972	0.9586	0.9098	0.9944	0.9872	0.9956	0.9782
55.5	0.9972	0.9969	0.9487	0.8939	0.9938	0.9887	0.9940	0.9716
55.6	0.9981	0.9978	0.9661	0.8836	0.9941	0.9887	0.9963	0.9829
55.7	0.9980	0.9978	0.9741	0.8914	0.9952	0.9913	0.9964	0.9866
55.8	0.9978	0.9975	0.9702	0.8725	0.9955	0.9895	0.9965	0.9814
55.9	0.9972	0.9968	0.9491	0.8540	0.9932	0.9857	0.9954	0.9714
56.0	0.9970	0.9967	0.9430	0.7959	0.9907	0.9697	0.9947	0.9679
56.1	0.9977	0.9974	0.9489	0.8299	0.9928	0.9786	0.9962	0.9791
56.2	0.9975	0.9969	0.9493	0.7394	0.9901	0.9838	0.9942	0.9821
56.3	0.9980	0.9976	0.9559	0.7946	0.9920	0.9886	0.9955	0.9820
56.4	0.9980	0.9977	0.9570	0.8454	0.9936	0.9881	0.9956	0.9802
56.5	0.9977	0.9973	0.9599	0.8117	0.9935	0.9877	0.9951	0.9790
56.6	0.9972	0.9968	0.9644	0.8589	0.9923	0.9878	0.9955	0.9800
56.7	0.9972	0.9966	0.9542	0.7589	0.9896	0.9825	0.9940	0.9753
56.8	0.9969	0.9963	0.9620	0.7290	0.9903	0.9846	0.9937	0.9768
56.9	0.9975	0.9969	0.9723	0.7724	0.9913	0.9851	0.9944	0.9823
57.0	0.9977	0.9971	0.9666	0.7648	0.9866	0.9804	0.9929	0.9819
57.1	0.9974	0.9969	0.9622	0.6668	0.9863	0.9746	0.9923	0.9758
57.2	0.9969	0.9963	0.9682	0.6870	0.9884	0.9730	0.9933	0.9772
57.3	0.9978	0.9975	0.9713	0.7506	0.9884	0.9857	0.9935	0.9792
57.4	0.9977	0.9973	0.9673	0.6631	0.9855	0.9833	0.9938	0.9780
57.5	0.9970	0.9967	0.9667	0.6363	0.9803	0.9816	0.9910	0.9803
57.6	0.9962	0.9957	0.9756	0.6198	0.9830	0.9846	0.9910	0.9796
57.7	0.9970	0.9966	0.9856	0.7008	0.9869	0.9879	0.9940	0.9838
57.8	0.9972	0.9968	0.9827	0.5228	0.9871	0.9884	0.9948	0.9802
57.9	0.9968	0.9965	0.9720	0.3568	0.9850	0.9875	0.9927	0.9768
58.0	0.9971	0.9967	0.9752	0.3864	0.9809	0.9886	0.9920	0.9852
58.1	0.9977	0.9974	0.9835	0.2470	0.9845	0.9910	0.9945	0.9835
58.2	0.9971	0.9967	0.9846	0.2492	0.9834	0.9899	0.9942	0.9731
58.3	0.9977	0.9974	0.9788	0.2501	0.9744	0.9881	0.9933	0.9791
58.4	0.9979	0.9976	0.9808	0.3114	0.9709	0.9867	0.9934	0.9849
58.5	0.9973	0.9970	0.9782	0.2456	0.9727	0.9781	0.9922	0.9784
58.6	0.9970	0.9967	0.9754	0.1228	0.9708	0.9822	0.9921	0.9795
58.7	0.9965	0.9960	0.9813	0.1765	0.9753	0.9879	0.9936	0.9854
58.8	0.9969	0.9966	0.9776	0.1611	0.9658	0.9868	0.9935	0.9871
58.9	0.9964	0.9961	0.9739	0.3886	0.9640	0.9860	0.9933	0.9878
59.0	0.9964	0.9959	0.9745	0.4468	0.9615	0.9857	0.9922	0.9831
59.1	0.9955	0.9950	0.9734	0.3199	0.9552	0.9797	0.9913	0.9753
59.2	0.9956	0.9952	0.9842	0.4600	0.9574	0.9820	0.9915	0.9853
59.3	0.9958	0.9953	0.9783	0.4715	0.9582	0.9847	0.9920	0.9866
59.4	0.9964	0.9959	0.9803	0.6121	0.9624	0.9877	0.9925	0.9898
59.5	0.9958	0.9953	0.9789	0.6400	0.9576	0.9874	0.9904	0.9880

59.6	0.9955	0.9951	0.9754	0.6417	0.9467	0.9834	0.9909	0.9854
59.7	0.9948	0.9944	0.9811	0.7161	0.9434	0.9848	0.9912	0.9879
59.8	0.9966	0.9963	0.9798	0.6887	0.9451	0.9867	0.9933	0.9898
59.9	0.9964	0.9960	0.9743	0.7183	0.9405	0.9837	0.9922	0.9903
60.0	0.9949	0.9943	0.9758	0.6978	0.9270	0.9833	0.9889	0.9902
60.1	0.9946	0.9941	0.9781	0.7039	0.9325	0.9853	0.9880	0.9885
60.2	0.9947	0.9942	0.9831	0.8107	0.9529	0.9879	0.9923	0.9890
60.3	0.9954	0.9949	0.9767	0.8181	0.9372	0.9911	0.9922	0.9913
60.4	0.9945	0.9939	0.9758	0.7493	0.9011	0.9898	0.9890	0.9885
60.5	0.9946	0.9941	0.9775	0.7865	0.8771	0.9884	0.9899	0.9859
60.6	0.9956	0.9953	0.9813	0.8276	0.8644	0.9901	0.9904	0.9872
60.7	0.9954	0.9950	0.9782	0.8402	0.8641	0.9896	0.9893	0.9881
60.8	0.9934	0.9930	0.9702	0.8283	0.8161	0.9853	0.9850	0.9844
60.9	0.9957	0.9951	0.9823	0.8905	0.8629	0.9910	0.9885	0.9900
61.0	0.9957	0.9953	0.9810	0.9193	0.8752	0.9903	0.9898	0.9906
61.1	0.9964	0.9961	0.9744	0.8940	0.8318	0.9903	0.9910	0.9900
61.2	0.9961	0.9958	0.9750	0.9083	0.8324	0.9895	0.9898	0.9891
61.3	0.9956	0.9956	0.9789	0.9415	0.8257	0.9897	0.9915	0.9903
61.4	0.9955	0.9956	0.9746	0.9343	0.8215	0.9908	0.9916	0.9887
61.5	0.9953	0.9953	0.9776	0.9416	0.8294	0.9891	0.9903	0.9879
61.6	0.9951	0.9951	0.9770	0.9395	0.8534	0.9906	0.9877	0.9879
61.7	0.9960	0.9961	0.9738	0.9429	0.8347	0.9903	0.9905	0.9872
61.8	0.9975	0.9977	0.9823	0.9673	0.9026	0.9938	0.9956	0.9900
61.9	0.9967	0.9968	0.9767	0.9630	0.9096	0.9923	0.9937	0.9873
62.0	0.9945	0.9948	0.9627	0.9564	0.8695	0.9877	0.9903	0.9831
62.1	0.9961	0.9962	0.9643	0.9657	0.8722	0.9930	0.9923	0.9878
62.2	0.9961	0.9963	0.9729	0.9729	0.9199	0.9930	0.9942	0.9869
62.3	0.9963	0.9964	0.9664	0.9762	0.9308	0.9945	0.9935	0.9867
62.4	0.9966	0.9969	0.9577	0.9738	0.9316	0.9947	0.9926	0.9901
62.5	0.9962	0.9964	0.9600	0.9787	0.9487	0.9939	0.9926	0.9874
62.6	0.9961	0.9964	0.9510	0.9751	0.9312	0.9902	0.9929	0.9823
62.7	0.9960	0.9964	0.9542	0.9779	0.9324	0.9920	0.9932	0.9795
62.8	0.9967	0.9968	0.9526	0.9832	0.9600	0.9936	0.9935	0.9842
62.9	0.9954	0.9956	0.9497	0.9881	0.9696	0.9920	0.9929	0.9810
63.0	0.9958	0.9960	0.9422	0.9804	0.9644	0.9934	0.9924	0.9798
63.1	0.9962	0.9965	0.9205	0.9808	0.9557	0.9924	0.9924	0.9769
63.2	0.9960	0.9964	0.9026	0.9832	0.9557	0.9924	0.9906	0.9755
63.3	0.9951	0.9959	0.8803	0.9761	0.9537	0.9914	0.9899	0.9711
63.4	0.9952	0.9957	0.8957	0.9755	0.9633	0.9936	0.9910	0.9693
63.5	0.9958	0.9962	0.8748	0.9744	0.9631	0.9921	0.9857	0.9695
63.6	0.9954	0.9959	0.8898	0.9785	0.9648	0.9900	0.9845	0.9692
63.7	0.9955	0.9960	0.9034	0.9828	0.9771	0.9933	0.9889	0.9739
63.8	0.9963	0.9966	0.9052	0.9848	0.9820	0.9894	0.9908	0.9732
63.9	0.9967	0.9970	0.8586	0.9822	0.9785	0.9886	0.9880	0.9597
64.0	0.9963	0.9969	0.8577	0.9837	0.9798	0.9866	0.9888	0.9436
64.1	0.9964	0.9970	0.8465	0.9797	0.9832	0.9858	0.9868	0.9345
64.2	0.9950	0.9957	0.8626	0.9779	0.9822	0.9858	0.9830	0.9401
64.3	0.9945	0.9954	0.8632	0.9789	0.9820	0.9878	0.9829	0.9250
64.4	0.9941	0.9950	0.8357	0.9707	0.9818	0.9842	0.9773	0.9013
64.5	0.9936	0.9946	0.8427	0.9723	0.9811	0.9806	0.9795	0.8697
64.6	0.9952	0.9959	0.8564	0.9851	0.9867	0.9778	0.9866	0.8708
64.7	0.9960	0.9966	0.8768	0.9908	0.9906	0.9812	0.9895	0.8794
64.8	0.9940	0.9949	0.8636	0.9882	0.9876	0.9851	0.9833	0.8914
64.9	0.9934	0.9945	0.8458	0.9820	0.9859	0.9818	0.9804	0.8985
65.0	0.9952	0.9962	0.8110	0.9825	0.9865	0.9818	0.9846	0.8548
65.1	0.9943	0.9958	0.6939	0.9809	0.9836	0.9715	0.9809	0.8034
65.2	0.9934	0.9948	0.7108	0.9830	0.9818	0.9776	0.9816	0.8141
65.3	0.9947	0.9959	0.7849	0.9819	0.9840	0.9705	0.9835	0.7964
65.4	0.9937	0.9951	0.7976	0.9851	0.9823	0.9621	0.9840	0.7763
65.5	0.9920	0.9940	0.7664	0.9812	0.9816	0.9474	0.9826	0.7243
65.6	0.9947	0.9959	0.7632	0.9839	0.9865	0.9660	0.9844	0.7258
65.7	0.9935	0.9952	0.6891	0.9825	0.9825	0.9676	0.9820	0.7113
65.8	0.9938	0.9955	0.7385	0.9827	0.9813	0.9628	0.9820	0.7278
65.9	0.9928	0.9946	0.7252	0.9823	0.9846	0.9525	0.9786	0.7350
66.0	0.9897	0.9926	0.6232	0.9764	0.9798	0.9435	0.9728	0.6938
66.1	0.9936	0.9955	0.7921	0.9821	0.9819	0.9605	0.9821	0.6836
66.2	0.9927	0.9948	0.7202	0.9849	0.9783	0.9532	0.9819	0.6536
66.3	0.9935	0.9952	0.7097	0.9853	0.9777	0.9392	0.9824	0.6809
66.4	0.9923	0.9946	0.7579	0.9865	0.9796	0.9420	0.9808	0.6751
66.5	0.9922	0.9946	0.6983	0.9850	0.9770	0.9385	0.9760	0.5758
66.6	0.9918	0.9941	0.6538	0.9866	0.9805	0.9585	0.9731	0.5952
66.7	0.9934	0.9954	0.6838	0.9850	0.9833	0.9495	0.9776	0.6131
66.8	0.9931	0.9952	0.6042	0.9772	0.9810	0.9190	0.9769	0.5937
66.9	0.9925	0.9946	0.5732	0.9807	0.9838	0.9208	0.9804	0.6823
67.0	0.9924	0.9950	0.6522	0.9864	0.9815	0.9313	0.9805	0.6860
67.1	0.9867	0.9909	0.5741	0.9749	0.9721	0.9260	0.9630	0.4874
67.2	0.9873	0.9919	0.6312	0.9787	0.9650	0.9394	0.9651	0.5426
67.3	0.9861	0.9910	0.6072	0.9829	0.9627	0.9345	0.9669	0.5562
67.4	0.9779	0.9860	0.4025	0.9787	0.9486	0.9115	0.9531	0.5774
67.5	0.9782	0.9869	0.4317	0.9810	0.9573	0.9370	0.9517	0.6667
67.6	0.9807	0.9884	0.4249	0.9738	0.9646	0.9353	0.9574	0.6338
67.7	0.9831	0.9901	0.4936	0.9800	0.9564	0.9465	0.9613	0.7632
67.8	0.9811	0.9887	0.5208	0.9769	0.9507	0.9486	0.9592	0.7014
67.9	0.9810	0.9884	0.3978	0.9713	0.9519	0.9448	0.9564	0.7587
68.0	0.9830	0.9903	0.4985	0.9749	0.9564	0.9405	0.9618	0.7948
68.1	0.9807	0.9886	0.4630	0.9743	0.9523	0.9378	0.9613	0.7590

68.2	0.9683	0.9810	0.3544	0.9699	0.9031	0.9228	0.9350	0.7061
68.3	0.9788	0.9881	0.4211	0.9761	0.9395	0.9371	0.9477	0.8001
68.4	0.9766	0.9875	0.4221	0.9760	0.9347	0.9331	0.9516	0.8318
68.5	0.9741	0.9856	0.4035	0.9710	0.9212	0.9345	0.9378	0.7972
68.6	0.9653	0.9814	0.5963	0.9677	0.9003	0.9359	0.9254	0.8180
68.7	0.9722	0.9838	0.4932	0.9663	0.9108	0.9414	0.9326	0.8427
68.8	0.9775	0.9874	0.5348	0.9656	0.9019	0.9464	0.9340	0.8315
68.9	0.9772	0.9869	0.5621	0.9607	0.8622	0.9513	0.9125	0.9114
69.0	0.9751	0.9855	0.5395	0.9717	0.8641	0.9458	0.9221	0.8991
69.1	0.9697	0.9818	0.5566	0.9695	0.8672	0.9509	0.9266	0.8783
69.2	0.9734	0.9836	0.6504	0.9707	0.8711	0.9463	0.9312	0.8860
69.3	0.9691	0.9816	0.6429	0.9680	0.7670	0.9367	0.9028	0.8469
69.4	0.9689	0.9809	0.6839	0.9644	0.7003	0.9390	0.9028	0.8551
69.5	0.9703	0.9795	0.6249	0.9513	0.6458	0.9557	0.8791	0.8614
69.6	0.9695	0.9788	0.6666	0.9544	0.5773	0.9552	0.8880	0.8836
69.7	0.9704	0.9798	0.7789	0.9588	0.4288	0.9400	0.9094	0.8814
69.8	0.9727	0.9810	0.8131	0.9614	0.2332	0.9267	0.9066	0.8952
69.9	0.9769	0.9819	0.7698	0.9522	0.1254	0.9487	0.8888	0.9227
70.0	0.9748	0.9792	0.7780	0.9576	0.2595	0.9404	0.9183	0.8617
70.1	0.9705	0.9763	0.6881	0.9483	0.2162	0.9417	0.8873	0.8564
70.2	0.9757	0.9808	0.7079	0.9395	0.4380	0.9364	0.8760	0.8751
70.3	0.9747	0.9790	0.7162	0.9384	0.5823	0.9263	0.8726	0.8677
70.4	0.9762	0.9816	0.8032	0.9556	0.6975	0.9490	0.8969	0.9119
70.5	0.9729	0.9791	0.7988	0.9497	0.7812	0.9245	0.8988	0.9132
70.6	0.9685	0.9775	0.7914	0.9436	0.8665	0.9118	0.9192	0.9041
70.7	0.9769	0.9826	0.8324	0.9506	0.8954	0.9332	0.9269	0.8976
70.8	0.9748	0.9801	0.7977	0.9267	0.9006	0.9117	0.8949	0.8845
70.9	0.9729	0.9783	0.8121	0.9166	0.9076	0.9109	0.8960	0.9031
71.0	0.9740	0.9783	0.8316	0.9183	0.8917	0.9134	0.9074	0.9071
71.1	0.9716	0.9765	0.8178	0.9134	0.9167	0.9285	0.9091	0.9245
71.2	0.9721	0.9801	0.8641	0.9463	0.9449	0.9174	0.9474	0.9144
71.3	0.9724	0.9811	0.8674	0.9479	0.9624	0.9037	0.9521	0.8986
71.4	0.9765	0.9818	0.8716	0.9248	0.9498	0.9293	0.9335	0.9300
71.5	0.9774	0.9823	0.8498	0.9134	0.9424	0.9217	0.9259	0.9154
71.6	0.9688	0.9767	0.8091	0.9053	0.9441	0.9143	0.9267	0.8933
71.7	0.9724	0.9791	0.8732	0.9343	0.9518	0.9322	0.9436	0.9040
71.8	0.9767	0.9817	0.8706	0.9322	0.9504	0.9294	0.9478	0.9088
71.9	0.9757	0.9815	0.8967	0.9495	0.9611	0.9295	0.9580	0.9049
72.0	0.9729	0.9780	0.8650	0.8856	0.9550	0.9337	0.9458	0.9074
72.1	0.9748	0.9787	0.8612	0.8434	0.9386	0.9511	0.9284	0.9429
72.2	0.9747	0.9796	0.8813	0.8834	0.9426	0.9486	0.9416	0.9460
72.3	0.9762	0.9814	0.8928	0.9044	0.9419	0.9376	0.9490	0.9279
72.4	0.9763	0.9814	0.8913	0.9100	0.9377	0.9285	0.9398	0.9113
72.5	0.9764	0.9807	0.8924	0.8995	0.9399	0.9317	0.9370	0.9081
72.6	0.9778	0.9827	0.8902	0.9163	0.9315	0.9277	0.9432	0.9030
72.7	0.9765	0.9815	0.9050	0.8924	0.9329	0.9332	0.9459	0.9215
72.8	0.9804	0.9849	0.9360	0.9094	0.9466	0.9283	0.9482	0.9100
72.9	0.9827	0.9868	0.9390	0.9127	0.9392	0.9339	0.9385	0.9131
73.0	0.9819	0.9858	0.9400	0.8896	0.9313	0.9450	0.9379	0.9291
73.1	0.9784	0.9831	0.9280	0.8967	0.9151	0.9263	0.9187	0.9003
73.2	0.9801	0.9855	0.9390	0.8953	0.9352	0.9313	0.9316	0.9111
73.3	0.9845	0.9884	0.9446	0.9298	0.9527	0.9434	0.9494	0.9315
73.4	0.9850	0.9881	0.9329	0.9364	0.9580	0.9477	0.9505	0.9297
73.5	0.9829	0.9856	0.9159	0.9101	0.9343	0.9404	0.9225	0.9056
73.6	0.9786	0.9831	0.9075	0.9122	0.9442	0.9514	0.9390	0.9263
73.7	0.9840	0.9880	0.9180	0.9204	0.9432	0.9526	0.9374	0.9391
73.8	0.9827	0.9870	0.9380	0.9047	0.9180	0.9406	0.8823	0.9324
73.9	0.9806	0.9853	0.9251	0.8881	0.9130	0.9169	0.8748	0.9089
74.0	0.9809	0.9857	0.9428	0.9140	0.9296	0.9336	0.8994	0.9280
74.1	0.9771	0.9829	0.9307	0.9240	0.9161	0.9398	0.8929	0.9310
74.2	0.9770	0.9834	0.9243	0.9166	0.8872	0.9344	0.8333	0.9261
74.3	0.9788	0.9854	0.9337	0.9141	0.9002	0.9353	0.8453	0.9280
74.4	0.9740	0.9826	0.9319	0.9221	0.9052	0.9304	0.8612	0.9320
74.5	0.9659	0.9759	0.9163	0.8947	0.8593	0.9382	0.8107	0.9231
74.6	0.9686	0.9772	0.9139	0.9008	0.8664	0.9315	0.7841	0.9155
74.7	0.9700	0.9786	0.9334	0.9107	0.8890	0.9386	0.7920	0.9125
74.8	0.9762	0.9830	0.9599	0.9126	0.9299	0.9458	0.8585	0.9404
74.9	0.9665	0.9774	0.9506	0.9036	0.8778	0.9450	0.8005	0.9344
75.0	0.9576	0.9736	0.9472	0.9122	0.8392	0.9445	0.7295	0.9006
75.1	0.9650	0.9772	0.9381	0.9204	0.8421	0.9391	0.7335	0.8966
75.2	0.9580	0.9732	0.9298	0.9220	0.7943	0.9278	0.6972	0.8910
75.3	0.9599	0.9745	0.9375	0.9176	0.8260	0.9524	0.7622	0.9258
75.4	0.9485	0.9663	0.9198	0.8763	0.8218	0.9362	0.7381	0.9152
75.5	0.9480	0.9655	0.9062	0.8675	0.8046	0.9104	0.7195	0.8962
75.6	0.9296	0.9557	0.9042	0.8780	0.7091	0.9271	0.6338	0.9092
75.7	0.9482	0.9683	0.9183	0.9067	0.7588	0.9391	0.7158	0.9268
75.8	0.9494	0.9667	0.9308	0.9260	0.8171	0.9480	0.8111	0.9352
75.9	0.9425	0.9613	0.9237	0.9149	0.8077	0.9286	0.8044	0.9248
76.0	0.9402	0.9624	0.9263	0.9005	0.7663	0.9243	0.7891	0.9200
76.1	0.9039	0.9399	0.8982	0.8680	0.7223	0.8916	0.7563	0.8787
76.2	0.9092	0.9386	0.8840	0.8717	0.7641	0.8904	0.7628	0.8717
76.3	0.9311	0.9538	0.8983	0.8931	0.8024	0.9142	0.7989	0.8976
76.4	0.9399	0.9605	0.9191	0.9193	0.8486	0.9263	0.8555	0.9256
76.5	0.9429	0.9581	0.9222	0.9130	0.8779	0.9198	0.8802	0.9324
76.6	0.9195	0.9379	0.8590	0.8673	0.8268	0.8588	0.8175	0.9015
76.7	0.9262	0.9433	0.8657	0.8613	0.8495	0.8536	0.8398	0.8949

76.8	0.9288	0.9458	0.9072	0.8620	0.8745	0.8640	0.8656	0.8966
76.9	0.9466	0.9575	0.9239	0.9052	0.8983	0.8934	0.8979	0.9196
77.0	0.9710	0.9764	0.9365	0.9356	0.9335	0.8914	0.9286	0.9417
77.1	0.9483	0.9567	0.8913	0.8890	0.9017	0.8519	0.8920	0.9373
77.2	0.9479	0.9551	0.8699	0.8998	0.9050	0.8449	0.8957	0.9274
77.3	0.9679	0.9729	0.8716	0.9172	0.9249	0.8121	0.9126	0.9254
77.4	0.9793	0.9814	0.9140	0.9284	0.9502	0.8391	0.9393	0.9404
77.5	0.9683	0.9729	0.8920	0.8765	0.9315	0.8038	0.9164	0.9069
77.6	0.9736	0.9764	0.9040	0.8906	0.9497	0.7919	0.9391	0.9267
77.7	0.9680	0.9695	0.8908	0.9012	0.9558	0.7126	0.9384	0.9037
77.8	0.9775	0.9794	0.9179	0.9243	0.9689	0.7991	0.9516	0.9169
77.9	0.9819	0.9840	0.9093	0.9256	0.9679	0.8127	0.9577	0.9144
78.0	0.9807	0.9839	0.8913	0.9089	0.9612	0.7904	0.9553	0.8942
78.1	0.9800	0.9818	0.8936	0.9118	0.9693	0.7968	0.9573	0.8919
78.2	0.9797	0.9809	0.8441	0.9111	0.9635	0.7643	0.9462	0.8235
78.3	0.9800	0.9821	0.8663	0.9003	0.9650	0.7982	0.9504	0.7915
78.4	0.9846	0.9869	0.9018	0.9233	0.9747	0.8706	0.9668	0.8057
78.5	0.9793	0.9824	0.8638	0.8943	0.9658	0.8147	0.9577	0.7029
78.6	0.9825	0.9848	0.8846	0.9088	0.9727	0.8302	0.9692	0.7153
78.7	0.9865	0.9876	0.8769	0.9026	0.9806	0.8494	0.9778	0.7653
78.8	0.9845	0.9861	0.7436	0.8991	0.9670	0.8287	0.9612	0.7899
78.9	0.9864	0.9883	0.7721	0.8815	0.9677	0.8663	0.9650	0.8422
79.0	0.9847	0.9868	0.7296	0.8801	0.9638	0.8155	0.9645	0.7834
79.1	0.9825	0.9841	0.7681	0.8865	0.9670	0.8046	0.9668	0.8007
79.2	0.9810	0.9832	0.7711	0.8770	0.9734	0.8311	0.9676	0.8330
79.3	0.9846	0.9859	0.7542	0.9098	0.9717	0.8308	0.9736	0.8524
79.4	0.9847	0.9860	0.7552	0.9269	0.9747	0.8584	0.9747	0.8851
79.5	0.9831	0.9850	0.7982	0.9127	0.9800	0.8906	0.9792	0.8702
79.6	0.9829	0.9852	0.7449	0.9152	0.9765	0.8857	0.9721	0.8718
79.7	0.9826	0.9851	0.7518	0.9222	0.9800	0.9189	0.9777	0.8972
79.8	0.9832	0.9853	0.7283	0.9321	0.9791	0.9389	0.9797	0.9060
79.9	0.9820	0.9847	0.7366	0.9429	0.9809	0.9359	0.9814	0.9188
80.0	0.9871	0.9893	0.7265	0.9428	0.9851	0.9425	0.9801	0.9153

2.2.44 Run 4 – IP050-200 – Accels 9–16

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0983	0.6408	0.4660	0.8945	0.4712	0.1531	0.3442	0.8553
0.1	0.0060	0.3931	0.1363	0.4616	0.0997	0.0457	0.1680	0.5854
0.2	0.0417	0.0048	0.0198	0.0092	0.0200	0.0699	0.0244	0.0006
0.3	0.0143	0.0032	0.0455	0.0538	0.0624	0.0218	0.0615	0.0040
0.4	0.0027	0.0226	0.0060	0.0055	0.0036	0.0110	0.0191	0.0081
0.5	0.0068	0.0107	0.0072	0.0023	0.0151	0.0111	0.0041	0.0015
0.6	0.0015	0.0629	0.0142	0.0190	0.0074	0.0130	0.0417	0.0125
0.7	0.0021	0.3094	0.0845	0.1132	0.0058	0.0690	0.1867	0.0227
0.8	0.0839	0.5667	0.2322	0.3763	0.0105	0.0595	0.3874	0.0283
0.9	0.5430	0.7594	0.5667	0.6270	0.0086	0.2119	0.6018	0.1490
1.0	0.7395	0.8126	0.8191	0.7266	0.0970	0.4847	0.6721	0.2999
1.1	0.6062	0.7043	0.6493	0.3387	0.0170	0.4920	0.3310	0.2136
1.2	0.8095	0.8864	0.8286	0.3681	0.2388	0.6442	0.3521	0.4618
1.3	0.9065	0.9463	0.8742	0.3661	0.3933	0.7723	0.3685	0.6832
1.4	0.8883	0.9435	0.4575	0.0106	0.3788	0.7636	0.0090	0.8245
1.5	0.9229	0.9731	0.6376	0.2741	0.6883	0.8231	0.2761	0.9352
1.6	0.9350	0.9760	0.8795	0.7334	0.8206	0.8255	0.7363	0.9705
1.7	0.9008	0.9633	0.9756	0.9357	0.7839	0.9392	0.9366	0.9777
1.8	0.8588	0.9441	0.9786	0.9014	0.8611	0.9392	0.9016	0.9755
1.9	0.8459	0.9331	0.9771	0.8682	0.8941	0.9200	0.8676	0.9801
2.0	0.7399	0.8903	0.9390	0.7364	0.8879	0.8430	0.7361	0.9595
2.1	0.8428	0.8681	0.9037	0.8208	0.9110	0.8897	0.8214	0.9205
2.2	0.9003	0.8212	0.8338	0.8756	0.8482	0.8331	0.8766	0.8549
2.3	0.8553	0.4278	0.3615	0.7886	0.4043	0.3537	0.7857	0.3962
2.4	0.8861	0.7443	0.7302	0.7598	0.6357	0.7136	0.7474	0.6886
2.5	0.9576	0.9000	0.9231	0.9169	0.8261	0.9156	0.9137	0.8736
2.6	0.9766	0.9365	0.9743	0.9521	0.8549	0.9708	0.9505	0.9316
2.7	0.9839	0.9399	0.9870	0.9668	0.8176	0.9847	0.9656	0.9440
2.8	0.9885	0.8858	0.9884	0.9771	0.7022	0.9860	0.9765	0.8849
2.9	0.9881	0.8429	0.9960	0.9753	0.5134	0.9958	0.9748	0.8735
3.0	0.9923	0.6789	0.9970	0.9831	0.1508	0.9964	0.9827	0.6477
3.1	0.9939	0.7548	0.9983	0.9855	0.6340	0.9980	0.9856	0.6720
3.2	0.9949	0.8560	0.9984	0.9875	0.8070	0.9983	0.9874	0.8563
3.3	0.9956	0.9551	0.9989	0.9886	0.9067	0.9986	0.9882	0.9338
3.4	0.9967	0.9680	0.9988	0.9914	0.9500	0.9988	0.9913	0.9660
3.5	0.9974	0.9841	0.9992	0.9930	0.9595	0.9989	0.9929	0.9816
3.6	0.9973	0.9865	0.9992	0.9933	0.9741	0.9992	0.9931	0.9860
3.7	0.9981	0.9915	0.9994	0.9945	0.9830	0.9992	0.9944	0.9918
3.8	0.9976	0.9925	0.9995	0.9934	0.9863	0.9993	0.9931	0.9936
3.9	0.9976	0.9940	0.9995	0.9930	0.9872	0.9995	0.9928	0.9947
4.0	0.9973	0.9969	0.9996	0.9922	0.9890	0.9993	0.9922	0.9959
4.1	0.9974	0.9960	0.9995	0.9919	0.9913	0.9992	0.9919	0.9955
4.2	0.9971	0.9959	0.9993	0.9905	0.9911	0.9990	0.9904	0.9951
4.3	0.9975	0.9974	0.9992	0.9919	0.9910	0.9991	0.9921	0.9958
4.4	0.9988	0.9982	0.9993	0.9960	0.9929	0.9992	0.9961	0.9969
4.5	0.9989	0.9980	0.9994	0.9965	0.9948	0.9990	0.9963	0.9970
4.6	0.9987	0.9978	0.9992	0.9958	0.9946	0.9987	0.9957	0.9968
4.7	0.9992	0.9982	0.9991	0.9973	0.9937	0.9984	0.9974	0.9973
4.8	0.9992	0.9984	0.9992	0.9970	0.9948	0.9982	0.9969	0.9977
4.9	0.9984	0.9979	0.9990	0.9944	0.9950	0.9976	0.9941	0.9961
5.0	0.9987	0.9985	0.9986	0.9955	0.9948	0.9976	0.9952	0.9972
5.1	0.9993	0.9985	0.9984	0.9973	0.9949	0.9975	0.9971	0.9972
5.2	0.9991	0.9983	0.9983	0.9969	0.9954	0.9970	0.9971	0.9969
5.3	0.9988	0.9983	0.9977	0.9969	0.9945	0.9963	0.9970	0.9962
5.4	0.9987	0.9984	0.9975	0.9966	0.9957	0.9959	0.9966	0.9966
5.5	0.9988	0.9987	0.9976	0.9971	0.9953	0.9959	0.9972	0.9972
5.6	0.9979	0.9984	0.9967	0.9947	0.9932	0.9935	0.9948	0.9953
5.7	0.9980	0.9986	0.9959	0.9951	0.9950	0.9924	0.9947	0.9959
5.8	0.9980	0.9986	0.9941	0.9941	0.9947	0.9897	0.9938	0.9959
5.9	0.9975	0.9990	0.9946	0.9922	0.9958	0.9901	0.9924	0.9968
6.0	0.9976	0.9990	0.9942	0.9933	0.9964	0.9909	0.9935	0.9973
6.1	0.9984	0.9989	0.9953	0.9949	0.9956	0.9932	0.9950	0.9967
6.2	0.9987	0.9991	0.9965	0.9960	0.9957	0.9948	0.9961	0.9965
6.3	0.9973	0.9987	0.9936	0.9922	0.9924	0.9910	0.9922	0.9939
6.4	0.9968	0.9984	0.9873	0.9901	0.9894	0.9811	0.9900	0.9915
6.5	0.9982	0.9989	0.9906	0.9948	0.9902	0.9847	0.9947	0.9914
6.6	0.9987	0.9989	0.9924	0.9966	0.9918	0.9880	0.9966	0.9928
6.7	0.9985	0.9984	0.9914	0.9959	0.9883	0.9869	0.9962	0.9894
6.8	0.9979	0.9978	0.9893	0.9945	0.9797	0.9832	0.9949	0.9810
6.9	0.9976	0.9956	0.9890	0.9952	0.9558	0.9831	0.9954	0.9583
7.0	0.9963	0.9935	0.9885	0.9955	0.9342	0.9836	0.9966	0.9363
7.1	0.9898	0.9870	0.9709	0.9913	0.8582	0.9648	0.9948	0.8607
7.2	0.9933	0.9901	0.9770	0.9918	0.9035	0.9717	0.9952	0.9035
7.3	0.9976	0.9965	0.9863	0.9963	0.9632	0.9822	0.9969	0.9630
7.4	0.9959	0.9957	0.9834	0.9977	0.9510	0.9798	0.9975	0.9491
7.5	0.9961	0.9949	0.9849	0.9983	0.9310	0.9806	0.9979	0.9254
7.6	0.9969	0.9949	0.9843	0.9976	0.9365	0.9789	0.9967	0.9271
7.7	0.9983	0.9972	0.9884	0.9980	0.9536	0.9826	0.9975	0.9459
7.8	0.9987	0.9981	0.9910	0.9984	0.9827	0.9856	0.9983	0.9795
7.9	0.9989	0.9994	0.9929	0.9987	0.9902	0.9893	0.9984	0.9896

8.0	0.9983	0.9987	0.9875	0.9981	0.9736	0.9819	0.9978	0.9694
8.1	0.9989	0.9992	0.9924	0.9988	0.9896	0.9893	0.9989	0.9882
8.2	0.9989	0.9982	0.9921	0.9991	0.9863	0.9898	0.9989	0.9833
8.3	0.9983	0.9969	0.9894	0.9983	0.9607	0.9849	0.9982	0.9566
8.4	0.9981	0.9985	0.9918	0.9989	0.9782	0.9875	0.9987	0.9789
8.5	0.9977	0.9970	0.9915	0.9989	0.9671	0.9880	0.9987	0.9681
8.6	0.9987	0.9984	0.9945	0.9990	0.9827	0.9912	0.9988	0.9837
8.7	0.9989	0.9992	0.9961	0.9993	0.9937	0.9935	0.9991	0.9940
8.8	0.9988	0.9982	0.9944	0.9991	0.9763	0.9916	0.9988	0.9779
8.9	0.9980	0.9964	0.9939	0.9991	0.9702	0.9911	0.9990	0.9712
9.0	0.9963	0.9957	0.9921	0.9986	0.9532	0.9890	0.9990	0.9556
9.1	0.9975	0.9970	0.9939	0.9991	0.9796	0.9910	0.9993	0.9803
9.2	0.9915	0.9863	0.9827	0.9980	0.9234	0.9772	0.9990	0.9247
9.3	0.9809	0.9829	0.9774	0.9977	0.9334	0.9712	0.9990	0.9326
9.4	0.9792	0.9837	0.9806	0.9985	0.9615	0.9722	0.9993	0.9603
9.5	0.9791	0.9882	0.9853	0.9990	0.9776	0.9769	0.9992	0.9765
9.6	0.9838	0.9918	0.9870	0.9994	0.9858	0.9788	0.9993	0.9846
9.7	0.9869	0.9940	0.9908	0.9995	0.9903	0.9833	0.9992	0.9890
9.8	0.9927	0.9967	0.9952	0.9996	0.9958	0.9904	0.9995	0.9951
9.9	0.9935	0.9978	0.9958	0.9993	0.9973	0.9920	0.9994	0.9966
10.0	0.9937	0.9982	0.9960	0.9986	0.9983	0.9923	0.9993	0.9977
10.1	0.9915	0.9974	0.9951	0.9990	0.9983	0.9901	0.9992	0.9978
10.2	0.9919	0.9968	0.9939	0.9989	0.9983	0.9884	0.9987	0.9979
10.3	0.9940	0.9984	0.9965	0.9991	0.9992	0.9925	0.9991	0.9991
10.4	0.9949	0.9985	0.9977	0.9992	0.9993	0.9959	0.9992	0.9991
10.5	0.9967	0.9988	0.9978	0.9994	0.9995	0.9959	0.9992	0.9991
10.6	0.9964	0.9979	0.9967	0.9989	0.9992	0.9938	0.9989	0.9988
10.7	0.9960	0.9975	0.9976	0.9986	0.9994	0.9952	0.9985	0.9992
10.8	0.9963	0.9978	0.9973	0.9988	0.9995	0.9953	0.9988	0.9992
10.9	0.9976	0.9981	0.9967	0.9987	0.9994	0.9936	0.9986	0.9991
11.0	0.9965	0.9966	0.9961	0.9977	0.9992	0.9918	0.9974	0.9988
11.1	0.9976	0.9976	0.9977	0.9985	0.9994	0.9960	0.9985	0.9992
11.2	0.9983	0.9976	0.9978	0.9984	0.9994	0.9957	0.9984	0.9990
11.3	0.9975	0.9964	0.9968	0.9976	0.9988	0.9931	0.9974	0.9985
11.4	0.9973	0.9965	0.9973	0.9976	0.9988	0.9943	0.9974	0.9987
11.5	0.9982	0.9976	0.9977	0.9974	0.9990	0.9958	0.9972	0.9987
11.6	0.9984	0.9968	0.9976	0.9975	0.9987	0.9961	0.9973	0.9982
11.7	0.9984	0.9967	0.9980	0.9977	0.9985	0.9967	0.9976	0.9984
11.8	0.9983	0.9970	0.9975	0.9974	0.9986	0.9961	0.9973	0.9982
11.9	0.9986	0.9982	0.9986	0.9978	0.9992	0.9966	0.9977	0.9989
12.0	0.9976	0.9959	0.9977	0.9964	0.9987	0.9969	0.9962	0.9991
12.1	0.9970	0.9954	0.9971	0.9953	0.9984	0.9957	0.9952	0.9982
12.2	0.9975	0.9966	0.9980	0.9968	0.9988	0.9965	0.9967	0.9991
12.3	0.9969	0.9962	0.9978	0.9959	0.9988	0.9959	0.9957	0.9990
12.4	0.9943	0.9941	0.9971	0.9928	0.9977	0.9938	0.9925	0.9986
12.5	0.9915	0.9930	0.9962	0.9913	0.9970	0.9919	0.9912	0.9985
12.6	0.9907	0.9942	0.9974	0.9925	0.9975	0.9902	0.9921	0.9982
12.7	0.9884	0.9935	0.9975	0.9919	0.9968	0.9899	0.9915	0.9979
12.8	0.9871	0.9928	0.9977	0.9929	0.9963	0.9890	0.9927	0.9974
12.9	0.9845	0.9907	0.9965	0.9931	0.9944	0.9867	0.9928	0.9958
13.0	0.9812	0.9862	0.9953	0.9948	0.9923	0.9870	0.9948	0.9958
13.1	0.9770	0.9819	0.9915	0.9945	0.9906	0.9850	0.9948	0.9952
13.2	0.9747	0.9794	0.9893	0.9883	0.9880	0.9876	0.9884	0.9932
13.3	0.9668	0.9740	0.9865	0.9821	0.9837	0.9850	0.9819	0.9899
13.4	0.9304	0.9446	0.9743	0.9510	0.9637	0.9669	0.9500	0.9791
13.5	0.9460	0.9585	0.9803	0.9650	0.9687	0.9775	0.9642	0.9872
13.6	0.9381	0.9537	0.9788	0.9576	0.9616	0.9770	0.9570	0.9851
13.7	0.9354	0.9536	0.9820	0.9516	0.9616	0.9828	0.9516	0.9815
13.8	0.9552	0.9677	0.9852	0.9683	0.9668	0.9917	0.9686	0.9905
13.9	0.9698	0.9834	0.9767	0.9787	0.9805	0.9873	0.9787	0.9848
14.0	0.9816	0.9881	0.9806	0.9873	0.9818	0.9863	0.9874	0.9890
14.1	0.9731	0.9889	0.9534	0.9820	0.9592	0.9639	0.9809	0.9668
14.2	0.9759	0.9898	0.9535	0.9841	0.9658	0.9594	0.9816	0.9658
14.3	0.9600	0.9796	0.9280	0.9755	0.9492	0.9340	0.9697	0.9442
14.4	0.9571	0.9718	0.9164	0.9695	0.9450	0.9203	0.9587	0.9358
14.5	0.9727	0.9849	0.9535	0.9798	0.9657	0.9540	0.9705	0.9590
14.6	0.9840	0.9874	0.9612	0.9865	0.9680	0.9598	0.9767	0.9627
14.7	0.9936	0.9920	0.9760	0.9952	0.9827	0.9748	0.9907	0.9810
14.8	0.9897	0.9918	0.9695	0.9961	0.9764	0.9677	0.9920	0.9716
14.9	0.9908	0.9957	0.9831	0.9984	0.9851	0.9819	0.9981	0.9833
15.0	0.9882	0.9963	0.9884	0.9979	0.9879	0.9870	0.9980	0.9851
15.1	0.9927	0.9965	0.9903	0.9982	0.9920	0.9895	0.9985	0.9881
15.2	0.9969	0.9970	0.9912	0.9978	0.9938	0.9906	0.9982	0.9904
15.3	0.9982	0.9981	0.9940	0.9984	0.9959	0.9934	0.9986	0.9939
15.4	0.9981	0.9975	0.9921	0.9975	0.9950	0.9912	0.9977	0.9918
15.5	0.9989	0.9982	0.9939	0.9977	0.9968	0.9933	0.9979	0.9948
15.6	0.9987	0.9986	0.9953	0.9983	0.9967	0.9951	0.9985	0.9950
15.7	0.9989	0.9987	0.9949	0.9978	0.9955	0.9943	0.9980	0.9918
15.8	0.9983	0.9990	0.9956	0.9981	0.9960	0.9950	0.9982	0.9935
15.9	0.9979	0.9991	0.9953	0.9979	0.9977	0.9953	0.9979	0.9961
16.0	0.9978	0.9993	0.9972	0.9984	0.9974	0.9970	0.9983	0.9957
16.1	0.9977	0.9994	0.9976	0.9982	0.9971	0.9978	0.9981	0.9953
16.2	0.9974	0.9994	0.9978	0.9980	0.9967	0.9978	0.9979	0.9953
16.3	0.9958	0.9994	0.9962	0.9972	0.9961	0.9956	0.9971	0.9942
16.4	0.9939	0.9996	0.9956	0.9973	0.9953	0.9954	0.9974	0.9938
16.5	0.9936	0.9995	0.9936	0.9975	0.9941	0.9929	0.9974	0.9922

16.6	0.9947	0.9997	0.9940	0.9979	0.9951	0.9938	0.9977	0.9936
16.7	0.9911	0.9996	0.9957	0.9975	0.9956	0.9951	0.9975	0.9950
16.8	0.9830	0.9995	0.9948	0.9972	0.9951	0.9937	0.9972	0.9918
16.9	0.9863	0.9996	0.9947	0.9982	0.9966	0.9933	0.9981	0.9941
17.0	0.9836	0.9998	0.9943	0.9986	0.9960	0.9927	0.9984	0.9921
17.1	0.9608	0.9997	0.9946	0.9976	0.9969	0.9947	0.9972	0.9937
17.2	0.9824	0.9997	0.9954	0.9986	0.9976	0.9953	0.9986	0.9948
17.3	0.9870	0.9997	0.9946	0.9989	0.9970	0.9940	0.9987	0.9942
17.4	0.9894	0.9998	0.9951	0.9987	0.9969	0.9944	0.9983	0.9935
17.5	0.9928	0.9998	0.9945	0.9987	0.9957	0.9935	0.9982	0.9904
17.6	0.9929	0.9998	0.9934	0.9981	0.9944	0.9927	0.9980	0.9879
17.7	0.9853	0.9996	0.9909	0.9966	0.9929	0.9896	0.9967	0.9862
17.8	0.9812	0.9998	0.9933	0.9956	0.9942	0.9919	0.9949	0.9896
17.9	0.9737	0.9998	0.9923	0.9949	0.9930	0.9902	0.9945	0.9880
18.0	0.9780	0.9998	0.9900	0.9943	0.9910	0.9866	0.9938	0.9851
18.1	0.9724	0.9998	0.9895	0.9949	0.9907	0.9862	0.9940	0.9844
18.2	0.9729	0.9997	0.9880	0.9920	0.9898	0.9852	0.9908	0.9836
18.3	0.9632	0.9996	0.9845	0.9896	0.9886	0.9795	0.9881	0.9783
18.4	0.9742	0.9996	0.9811	0.9892	0.9837	0.9749	0.9881	0.9707
18.5	0.9645	0.9997	0.9803	0.9914	0.9762	0.9734	0.9903	0.9571
18.6	0.9668	0.9998	0.9721	0.9906	0.9682	0.9647	0.9900	0.9386
18.7	0.9691	0.9997	0.9627	0.9808	0.9584	0.9580	0.9813	0.9380
18.8	0.9530	0.9998	0.9817	0.9847	0.9851	0.9788	0.9850	0.9817
18.9	0.9440	0.9996	0.9722	0.9707	0.9843	0.9684	0.9712	0.9797
19.0	0.9374	0.9996	0.9697	0.9640	0.9790	0.9628	0.9641	0.9746
19.1	0.9418	0.9996	0.9649	0.9548	0.9775	0.9575	0.9536	0.9731
19.2	0.9470	0.9996	0.9692	0.9577	0.9831	0.9628	0.9543	0.9762
19.3	0.9427	0.9996	0.9609	0.9455	0.9836	0.9521	0.9419	0.9749
19.4	0.9230	0.9997	0.9701	0.9291	0.9873	0.9634	0.9245	0.9809
19.5	0.8989	0.9998	0.9694	0.9170	0.9855	0.9657	0.9046	0.9782
19.6	0.8762	0.9998	0.9686	0.8904	0.9859	0.9594	0.8844	0.9785
19.7	0.8354	0.9996	0.9389	0.8032	0.9792	0.9270	0.7900	0.9634
19.8	0.7775	0.9996	0.9217	0.7184	0.9739	0.9093	0.6971	0.9539
19.9	0.7992	0.9997	0.9217	0.6372	0.9723	0.9245	0.6019	0.9556
20.0	0.7195	0.9996	0.8840	0.5590	0.9670	0.8937	0.5245	0.9461
20.1	0.6534	0.9997	0.9070	0.3526	0.9723	0.8964	0.3212	0.9538
20.2	0.6143	0.9998	0.9272	0.2175	0.9768	0.9354	0.1719	0.9673
20.3	0.6411	0.9997	0.9104	0.2661	0.9739	0.9044	0.2131	0.9578
20.4	0.5191	0.9997	0.8645	0.1833	0.9675	0.8565	0.1584	0.9530
20.5	0.4599	0.9998	0.8626	0.2069	0.9721	0.8689	0.1982	0.9688
20.6	0.3166	0.9997	0.8078	0.2122	0.9628	0.8120	0.2115	0.9469
20.7	0.1363	0.9997	0.7406	0.1443	0.9576	0.7358	0.1524	0.9245
20.8	0.0978	0.9997	0.6572	0.1895	0.9518	0.6661	0.2059	0.9173
20.9	0.1672	0.9996	0.4431	0.2395	0.9407	0.4938	0.2481	0.8901
21.0	0.3967	0.9997	0.3397	0.5878	0.9402	0.5591	0.5908	0.9161
21.1	0.4651	0.9997	0.1966	0.6702	0.9112	0.5080	0.6742	0.9054
21.2	0.3979	0.9997	0.2321	0.5785	0.8954	0.3318	0.5828	0.8379
21.3	0.4427	0.9997	0.3558	0.5448	0.8764	0.4124	0.5476	0.7787
21.4	0.5640	0.9998	0.5120	0.5811	0.8976	0.5195	0.5840	0.8022
21.5	0.6137	0.9998	0.6026	0.6550	0.8537	0.6391	0.6582	0.7318
21.6	0.5408	0.9997	0.6490	0.5968	0.8092	0.5927	0.5972	0.6288
21.7	0.6613	0.9998	0.7421	0.6287	0.8077	0.7500	0.6284	0.6281
21.8	0.6775	0.9997	0.8312	0.6372	0.7550	0.8012	0.6362	0.5399
21.9	0.7838	0.9997	0.8955	0.7550	0.7929	0.8455	0.7545	0.5392
22.0	0.6945	0.9997	0.8654	0.6557	0.6088	0.8086	0.6554	0.4060
22.1	0.6605	0.9997	0.9064	0.6785	0.5624	0.8311	0.6788	0.4751
22.2	0.7385	0.9997	0.9381	0.7385	0.6542	0.8680	0.7407	0.5825
22.3	0.7716	0.9997	0.9448	0.7463	0.6151	0.8797	0.7501	0.5773
22.4	0.8368	0.9998	0.9555	0.7833	0.7368	0.8967	0.7835	0.5653
22.5	0.8492	0.9997	0.9671	0.8278	0.8055	0.8995	0.8277	0.6346
22.6	0.8693	0.9996	0.9626	0.8644	0.8368	0.9125	0.8625	0.7379
22.7	0.9121	0.9997	0.9798	0.9081	0.8984	0.9495	0.9077	0.8500
22.8	0.9258	0.9998	0.9737	0.9124	0.9075	0.9490	0.9122	0.8493
22.9	0.9464	0.9998	0.9678	0.9276	0.8911	0.9577	0.9279	0.8743
23.0	0.9593	0.9998	0.9770	0.9437	0.8919	0.9700	0.9437	0.9105
23.1	0.9694	0.9997	0.9668	0.9562	0.8992	0.9701	0.9558	0.9108
23.2	0.9649	0.9997	0.9557	0.9513	0.8538	0.9715	0.9509	0.8878
23.3	0.9690	0.9996	0.9584	0.9461	0.8602	0.9674	0.9467	0.8769
23.4	0.9795	0.9996	0.9700	0.9575	0.8540	0.9713	0.9580	0.8909
23.5	0.9858	0.9997	0.9703	0.9728	0.8583	0.9799	0.9726	0.9154
23.6	0.9853	0.9998	0.9760	0.9736	0.8015	0.9840	0.9735	0.9050
23.7	0.9892	0.9998	0.9741	0.9824	0.7277	0.9864	0.9824	0.9121
23.8	0.9855	0.9997	0.9695	0.9775	0.6939	0.9848	0.9780	0.8997
23.9	0.9893	0.9997	0.9799	0.9841	0.7646	0.9861	0.9841	0.8880
24.0	0.9921	0.9998	0.9822	0.9866	0.7404	0.9874	0.9867	0.8873
24.1	0.9916	0.9998	0.9710	0.9859	0.6760	0.9823	0.9859	0.8401
24.2	0.9870	0.9997	0.9540	0.9839	0.6280	0.9692	0.9838	0.7461
24.3	0.9890	0.9997	0.9519	0.9822	0.6857	0.9716	0.9826	0.7359
24.4	0.9920	0.9997	0.9660	0.9885	0.7817	0.9789	0.9885	0.8124
24.5	0.9924	0.9998	0.9745	0.9917	0.7893	0.9840	0.9918	0.7906
24.6	0.9944	0.9998	0.9856	0.9942	0.8785	0.9899	0.9943	0.8294
24.7	0.9938	0.9998	0.9891	0.9932	0.9320	0.9915	0.9931	0.8412
24.8	0.9942	0.9999	0.9924	0.9945	0.9613	0.9940	0.9944	0.8461
24.9	0.9929	0.9998	0.9897	0.9918	0.9517	0.9913	0.9922	0.8107
25.0	0.9894	0.9998	0.9894	0.9923	0.9446	0.9907	0.9921	0.7699
25.1	0.9918	0.9998	0.9931	0.9949	0.9660	0.9948	0.9949	0.7860

25.2	0.9942	0.9998	0.9939	0.9953	0.9734	0.9949	0.9955	0.7432
25.3	0.9948	0.9998	0.9903	0.9954	0.9684	0.9933	0.9955	0.6786
25.4	0.9939	0.9998	0.9903	0.9940	0.9715	0.9906	0.9944	0.5625
25.5	0.9932	0.9997	0.9878	0.9925	0.9622	0.9884	0.9924	0.5301
25.6	0.9942	0.9997	0.9874	0.9934	0.9544	0.9900	0.9935	0.6565
25.7	0.9939	0.9997	0.9907	0.9944	0.9673	0.9928	0.9946	0.7912
25.8	0.9941	0.9998	0.9955	0.9945	0.9852	0.9962	0.9955	0.9162
25.9	0.9941	0.9997	0.9955	0.9931	0.9868	0.9964	0.9938	0.9140
26.0	0.9952	0.9998	0.9958	0.9933	0.9891	0.9962	0.9938	0.9287
26.1	0.9943	0.9998	0.9952	0.9925	0.9895	0.9957	0.9936	0.9278
26.2	0.9948	0.9997	0.9953	0.9917	0.9899	0.9963	0.9932	0.9531
26.3	0.9961	0.9997	0.9961	0.9932	0.9906	0.9964	0.9934	0.9626
26.4	0.9954	0.9998	0.9966	0.9906	0.9933	0.9969	0.9908	0.9638
26.5	0.9927	0.9997	0.9974	0.9823	0.9936	0.9970	0.9832	0.9720
26.6	0.9929	0.9997	0.9982	0.9851	0.9955	0.9975	0.9871	0.9817
26.7	0.9931	0.9997	0.9972	0.9829	0.9915	0.9974	0.9858	0.9799
26.8	0.9930	0.9997	0.9972	0.9783	0.9920	0.9970	0.9820	0.9794
26.9	0.9942	0.9997	0.9976	0.9725	0.9933	0.9972	0.9769	0.9796
27.0	0.9893	0.9996	0.9969	0.9534	0.9914	0.9973	0.9600	0.9786
27.1	0.9848	0.9994	0.9967	0.9523	0.9884	0.9973	0.9570	0.9712
27.2	0.9892	0.9995	0.9972	0.9711	0.9897	0.9981	0.9728	0.9830
27.3	0.9887	0.9996	0.9976	0.9729	0.9882	0.9983	0.9760	0.9852
27.4	0.9906	0.9995	0.9978	0.9824	0.9905	0.9979	0.9832	0.9863
27.5	0.9913	0.9996	0.9974	0.9879	0.9907	0.9970	0.9895	0.9882
27.6	0.9946	0.9996	0.9980	0.9897	0.9910	0.9980	0.9908	0.9903
27.7	0.9941	0.9993	0.9967	0.9893	0.9868	0.9978	0.9900	0.9904
27.8	0.9940	0.9990	0.9959	0.9900	0.9813	0.9971	0.9906	0.9912
27.9	0.9929	0.9990	0.9957	0.9889	0.9781	0.9963	0.9899	0.9867
28.0	0.9959	0.9994	0.9970	0.9936	0.9841	0.9968	0.9945	0.9913
28.1	0.9965	0.9992	0.9970	0.9956	0.9852	0.9971	0.9961	0.9909
28.2	0.9967	0.9989	0.9967	0.9942	0.9811	0.9972	0.9947	0.9910
28.3	0.9972	0.9992	0.9963	0.9963	0.9783	0.9965	0.9964	0.9930
28.4	0.9975	0.9990	0.9961	0.9966	0.9791	0.9961	0.9963	0.9903
28.5	0.9970	0.9986	0.9960	0.9965	0.9784	0.9948	0.9968	0.9888
28.6	0.9975	0.9988	0.9950	0.9960	0.9734	0.9950	0.9965	0.9909
28.7	0.9976	0.9987	0.9953	0.9937	0.9727	0.9955	0.9949	0.9899
28.8	0.9965	0.9986	0.9954	0.9951	0.9775	0.9955	0.9957	0.9899
28.9	0.9973	0.9983	0.9945	0.9958	0.9754	0.9944	0.9952	0.9878
29.0	0.9956	0.9983	0.9944	0.9951	0.9738	0.9929	0.9942	0.9837
29.1	0.9967	0.9988	0.9965	0.9966	0.9831	0.9954	0.9965	0.9876
29.2	0.9961	0.9980	0.9931	0.9953	0.9700	0.9914	0.9961	0.9771
29.3	0.9966	0.9982	0.9919	0.9952	0.9647	0.9905	0.9962	0.9742
29.4	0.9966	0.9979	0.9879	0.9933	0.9530	0.9861	0.9950	0.9672
29.5	0.9963	0.9979	0.9899	0.9946	0.9634	0.9866	0.9955	0.9653
29.6	0.9967	0.9983	0.9932	0.9955	0.9742	0.9906	0.9959	0.9709
29.7	0.9970	0.9980	0.9928	0.9949	0.9754	0.9884	0.9952	0.9639
29.8	0.9971	0.9977	0.9918	0.9940	0.9754	0.9876	0.9943	0.9555
29.9	0.9966	0.9964	0.9883	0.9908	0.9633	0.9847	0.9921	0.9378
30.0	0.9948	0.9957	0.9848	0.9891	0.9546	0.9784	0.9908	0.9116
30.1	0.9963	0.9957	0.9903	0.9924	0.9708	0.9825	0.9935	0.9195
30.2	0.9947	0.9960	0.9926	0.9928	0.9809	0.9865	0.9931	0.9315
30.3	0.9958	0.9950	0.9939	0.9915	0.9859	0.9871	0.9915	0.9302
30.4	0.9953	0.9943	0.9954	0.9919	0.9881	0.9910	0.9917	0.9307
30.5	0.9959	0.9953	0.9967	0.9922	0.9918	0.9939	0.9920	0.9401
30.6	0.9932	0.9909	0.9952	0.9889	0.9897	0.9905	0.9892	0.8752
30.7	0.9930	0.9895	0.9938	0.9876	0.9901	0.9858	0.9869	0.7087
30.8	0.9928	0.9920	0.9947	0.9879	0.9919	0.9863	0.9874	0.4015
30.9	0.9944	0.9925	0.9950	0.9829	0.9924	0.9872	0.9832	0.3845
31.0	0.9919	0.9890	0.9949	0.9801	0.9914	0.9848	0.9792	0.6314
31.1	0.9929	0.9873	0.9950	0.9837	0.9922	0.9884	0.9833	0.8617
31.2	0.9928	0.9857	0.9948	0.9840	0.9923	0.9885	0.9832	0.9266
31.3	0.9920	0.9847	0.9942	0.9808	0.9918	0.9846	0.9809	0.9380
31.4	0.9885	0.9803	0.9934	0.9835	0.9903	0.9900	0.9838	0.9553
31.5	0.9890	0.9790	0.9945	0.9839	0.9917	0.9881	0.9835	0.9584
31.6	0.9881	0.9671	0.9921	0.9764	0.9895	0.9847	0.9762	0.9675
31.7	0.9886	0.9641	0.9902	0.9731	0.9883	0.9854	0.9738	0.9772
31.8	0.9894	0.9635	0.9915	0.9766	0.9888	0.9896	0.9769	0.9820
31.9	0.9797	0.9318	0.9877	0.9697	0.9827	0.9890	0.9708	0.9746
32.0	0.9790	0.9360	0.9877	0.9621	0.9833	0.9909	0.9641	0.9791
32.1	0.9745	0.9231	0.9855	0.9601	0.9761	0.9837	0.9615	0.9701
32.2	0.9854	0.9356	0.9891	0.9842	0.9854	0.9926	0.9846	0.9832
32.3	0.9782	0.8902	0.9827	0.9728	0.9795	0.9887	0.9745	0.9747
32.4	0.9789	0.8547	0.9826	0.9654	0.9811	0.9891	0.9670	0.9792
32.5	0.9780	0.8719	0.9875	0.9659	0.9794	0.9892	0.9673	0.9788
32.6	0.9761	0.8257	0.9832	0.9645	0.9775	0.9881	0.9663	0.9802
32.7	0.9702	0.8241	0.9825	0.9538	0.9744	0.9871	0.9573	0.9782
32.8	0.9665	0.8012	0.9825	0.9490	0.9696	0.9873	0.9542	0.9762
32.9	0.9673	0.7563	0.9840	0.9529	0.9714	0.9877	0.9570	0.9789
33.0	0.9645	0.7422	0.9842	0.9503	0.9701	0.9862	0.9549	0.9758
33.1	0.9523	0.7038	0.9805	0.9366	0.9563	0.9837	0.9436	0.9698
33.2	0.9435	0.7700	0.9793	0.9304	0.9460	0.9834	0.9380	0.9684
33.3	0.9557	0.8162	0.9842	0.9451	0.9536	0.9874	0.9508	0.9774
33.4	0.9175	0.7790	0.9840	0.8927	0.9143	0.9841	0.9094	0.9656
33.5	0.9300	0.8064	0.9891	0.8701	0.9342	0.9842	0.8948	0.9703
33.6	0.9120	0.7805	0.9859	0.8393	0.9270	0.9801	0.8726	0.9629
33.7	0.9133	0.8498	0.9887	0.8828	0.9434	0.9861	0.9149	0.9715

33.8	0.8854	0.8529	0.9866	0.8656	0.9581	0.9834	0.9090	0.9642
33.9	0.8240	0.8041	0.9844	0.8371	0.9621	0.9786	0.8862	0.9566
34.0	0.8555	0.7839	0.9798	0.8904	0.9613	0.9778	0.9183	0.9612
34.1	0.9313	0.8780	0.9874	0.9455	0.9810	0.9873	0.9588	0.9749
34.2	0.9131	0.8437	0.9752	0.9256	0.9678	0.9766	0.9440	0.9633
34.3	0.9267	0.8850	0.9642	0.9393	0.9594	0.9674	0.9524	0.9610
34.4	0.9471	0.9371	0.9721	0.9539	0.9704	0.9757	0.9653	0.9685
34.5	0.9560	0.9558	0.9696	0.9583	0.9682	0.9726	0.9652	0.9676
34.6	0.9472	0.9490	0.9495	0.9588	0.9499	0.9578	0.9590	0.9552
34.7	0.9494	0.9621	0.9429	0.9442	0.9478	0.9523	0.9468	0.9549
34.8	0.9769	0.9874	0.9736	0.9687	0.9757	0.9783	0.9723	0.9771
34.9	0.9794	0.9897	0.9749	0.9698	0.9778	0.9779	0.9719	0.9773
35.0	0.9721	0.9895	0.9665	0.9619	0.9697	0.9740	0.9653	0.9742
35.1	0.9698	0.9908	0.9573	0.9591	0.9650	0.9696	0.9629	0.9733
35.2	0.9590	0.9898	0.9457	0.9467	0.9585	0.9651	0.9539	0.9700
35.3	0.9702	0.9938	0.9461	0.9485	0.9638	0.9687	0.9577	0.9744
35.4	0.9638	0.9935	0.9263	0.9267	0.9560	0.9584	0.9389	0.9686
35.5	0.9521	0.9931	0.8810	0.8893	0.9374	0.9426	0.9046	0.9624
35.6	0.9509	0.9943	0.8639	0.8674	0.9399	0.9424	0.8877	0.9606
35.7	0.9278	0.9934	0.7518	0.7701	0.9003	0.9159	0.8183	0.9484
35.8	0.9158	0.9943	0.7313	0.7177	0.8731	0.9095	0.7924	0.9456
35.9	0.9002	0.9948	0.7358	0.6092	0.8194	0.9063	0.7274	0.9486
36.0	0.9331	0.9970	0.8096	0.5801	0.8569	0.9202	0.7334	0.9571
36.1	0.8904	0.9960	0.7894	0.3090	0.6902	0.8856	0.4763	0.9390
36.2	0.8237	0.9956	0.8933	0.0360	0.6016	0.9170	0.1848	0.9388
36.3	0.7745	0.9969	0.9445	0.0630	0.6821	0.9535	0.0622	0.9560
36.4	0.7083	0.9978	0.9626	0.4413	0.7713	0.9634	0.0937	0.9590
36.5	0.4644	0.9974	0.9579	0.6227	0.8189	0.9559	0.3105	0.9559
36.6	0.3579	0.9975	0.9634	0.6493	0.8758	0.9624	0.4266	0.9561
36.7	0.2030	0.9981	0.9724	0.7523	0.9245	0.9730	0.6104	0.9585
36.8	0.0864	0.9980	0.9670	0.8365	0.9099	0.9717	0.7598	0.9609
36.9	0.3284	0.9977	0.9735	0.8633	0.9255	0.9783	0.8261	0.9657
37.0	0.6608	0.9983	0.9788	0.9294	0.9602	0.9799	0.9157	0.9584
37.1	0.8504	0.9988	0.9850	0.9437	0.9745	0.9847	0.9322	0.9672
37.2	0.8838	0.9987	0.9891	0.9474	0.9792	0.9894	0.9367	0.9753
37.3	0.8936	0.9986	0.9859	0.9497	0.9740	0.9866	0.9359	0.9721
37.4	0.8569	0.9978	0.9831	0.9308	0.9660	0.9837	0.9156	0.9613
37.5	0.8939	0.9976	0.9892	0.9554	0.9776	0.9891	0.9514	0.9693
37.6	0.9188	0.9978	0.9863	0.9630	0.9734	0.9869	0.9572	0.9768
37.7	0.9494	0.9983	0.9874	0.9798	0.9816	0.9872	0.9732	0.9765
37.8	0.9570	0.9985	0.9889	0.9810	0.9823	0.9892	0.9778	0.9765
37.9	0.9608	0.9979	0.9864	0.9788	0.9796	0.9866	0.9763	0.9722
38.0	0.9722	0.9983	0.9896	0.9845	0.9853	0.9897	0.9820	0.9535
38.1	0.9666	0.9981	0.9879	0.9808	0.9774	0.9885	0.9792	0.9425
38.2	0.9681	0.9982	0.9888	0.9797	0.9798	0.9896	0.9791	0.9400
38.3	0.9672	0.9986	0.9923	0.9839	0.9882	0.9920	0.9821	0.9410
38.4	0.9724	0.9989	0.9943	0.9877	0.9917	0.9947	0.9863	0.9475
38.5	0.9670	0.9982	0.9922	0.9803	0.9816	0.9916	0.9792	0.8775
38.6	0.9652	0.9982	0.9897	0.9789	0.9838	0.9899	0.9788	0.8287
38.7	0.9732	0.9985	0.9908	0.9848	0.9877	0.9924	0.9835	0.7854
38.8	0.9687	0.9983	0.9910	0.9836	0.9879	0.9932	0.9825	0.7436
38.9	0.9689	0.9983	0.9916	0.9835	0.9892	0.9928	0.9824	0.7441
39.0	0.9773	0.9987	0.9940	0.9856	0.9901	0.9949	0.9847	0.7444
39.1	0.9835	0.9989	0.9937	0.9875	0.9905	0.9945	0.9865	0.7411
39.2	0.9735	0.9989	0.9919	0.9831	0.9905	0.9940	0.9822	0.6352
39.3	0.9700	0.9990	0.9938	0.9857	0.9932	0.9958	0.9851	0.4774
39.4	0.9753	0.9989	0.9950	0.9893	0.9931	0.9961	0.9881	0.3589
39.5	0.9693	0.9984	0.9940	0.9846	0.9911	0.9951	0.9822	0.2659
39.6	0.9708	0.9986	0.9953	0.9839	0.9924	0.9962	0.9819	0.1537
39.7	0.9746	0.9988	0.9958	0.9855	0.9920	0.9963	0.9817	0.0307
39.8	0.9712	0.9987	0.9953	0.9826	0.9926	0.9962	0.9786	0.1635
39.9	0.9804	0.9991	0.9964	0.9859	0.9931	0.9966	0.9834	0.3813
40.0	0.9725	0.9986	0.9958	0.9836	0.9916	0.9964	0.9796	0.4073
40.1	0.9684	0.9986	0.9958	0.9796	0.9909	0.9964	0.9741	0.5607
40.2	0.9569	0.9988	0.9965	0.9747	0.9904	0.9967	0.9701	0.6584
40.3	0.9518	0.9987	0.9967	0.9770	0.9903	0.9967	0.9731	0.7513
40.4	0.9650	0.9991	0.9969	0.9746	0.9920	0.9968	0.9698	0.7910
40.5	0.9642	0.9991	0.9974	0.9735	0.9886	0.9969	0.9690	0.7454
40.6	0.9559	0.9989	0.9959	0.9685	0.9869	0.9960	0.9630	0.7184
40.7	0.9424	0.9988	0.9959	0.9697	0.9854	0.9952	0.9612	0.7580
40.8	0.9324	0.9988	0.9955	0.9684	0.9884	0.9955	0.9589	0.7818
40.9	0.9386	0.9988	0.9960	0.9652	0.9898	0.9959	0.9576	0.8478
41.0	0.9481	0.9990	0.9974	0.9695	0.9913	0.9966	0.9599	0.9256
41.1	0.9282	0.9992	0.9968	0.9574	0.9887	0.9965	0.9437	0.9253
41.2	0.9090	0.9990	0.9957	0.9498	0.9854	0.9947	0.9370	0.8993
41.3	0.9039	0.9989	0.9964	0.9633	0.9831	0.9955	0.9520	0.9179
41.4	0.9041	0.9988	0.9964	0.9536	0.9837	0.9960	0.9417	0.9090
41.5	0.9119	0.9991	0.9974	0.9522	0.9888	0.9967	0.9447	0.9331
41.6	0.8552	0.9991	0.9964	0.9431	0.9850	0.9958	0.9266	0.9439
41.7	0.8492	0.9992	0.9958	0.9498	0.9851	0.9960	0.9402	0.9542
41.8	0.8970	0.9993	0.9970	0.9589	0.9858	0.9962	0.9519	0.9517
41.9	0.8801	0.9994	0.9966	0.9652	0.9830	0.9964	0.9579	0.9441
42.0	0.8749	0.9993	0.9966	0.9572	0.9837	0.9960	0.9480	0.9622
42.1	0.8600	0.9992	0.9968	0.9605	0.9845	0.9966	0.9500	0.9591
42.2	0.8228	0.9992	0.9960	0.9300	0.9854	0.9968	0.9180	0.9554
42.3	0.8405	0.9991	0.9961	0.9572	0.9838	0.9960	0.9522	0.9714

42.4	0.8665	0.9992	0.9958	0.9582	0.9801	0.9959	0.9519	0.9661
42.5	0.9120	0.9991	0.9958	0.9526	0.9780	0.9961	0.9476	0.9609
42.6	0.9116	0.9992	0.9953	0.9575	0.9829	0.9963	0.9500	0.9671
42.7	0.8962	0.9995	0.9968	0.9481	0.9897	0.9968	0.9425	0.9791
42.8	0.8741	0.9995	0.9975	0.9566	0.9882	0.9956	0.9490	0.9836
42.9	0.8749	0.9995	0.9978	0.9611	0.9865	0.9957	0.9519	0.9849
43.0	0.8638	0.9994	0.9967	0.9607	0.9829	0.9956	0.9505	0.9842
43.1	0.8692	0.9995	0.9966	0.9724	0.9848	0.9963	0.9678	0.9885
43.2	0.9007	0.9995	0.9979	0.9784	0.9859	0.9972	0.9750	0.9898
43.3	0.8735	0.9993	0.9980	0.9806	0.9793	0.9971	0.9744	0.9866
43.4	0.8186	0.9993	0.9987	0.9821	0.9851	0.9977	0.9786	0.9905
43.5	0.8409	0.9994	0.9985	0.9858	0.9906	0.9982	0.9837	0.9895
43.6	0.8328	0.9993	0.9987	0.9784	0.9862	0.9965	0.9763	0.9865
43.7	0.8616	0.9994	0.9986	0.9730	0.9864	0.9966	0.9700	0.9795
43.8	0.8346	0.9995	0.9985	0.9811	0.9828	0.9976	0.9776	0.9801
43.9	0.8350	0.9996	0.9981	0.9901	0.9832	0.9974	0.9871	0.9884
44.0	0.7454	0.9992	0.9974	0.9880	0.9804	0.9960	0.9866	0.9729
44.1	0.6359	0.9994	0.9986	0.9887	0.9868	0.9968	0.9865	0.9842
44.2	0.6827	0.9995	0.9981	0.9832	0.9697	0.9956	0.9811	0.9861
44.3	0.6776	0.9995	0.9985	0.9667	0.9487	0.9929	0.9650	0.9769
44.4	0.7459	0.9995	0.9983	0.9638	0.9467	0.9948	0.9641	0.9693
44.5	0.7740	0.9995	0.9979	0.9710	0.9758	0.9966	0.9707	0.9813
44.6	0.7271	0.9995	0.9980	0.9564	0.9588	0.9964	0.9536	0.9896
44.7	0.6836	0.9995	0.9974	0.9221	0.9624	0.9958	0.9118	0.9890
44.8	0.6988	0.9994	0.9978	0.9515	0.9691	0.9969	0.9463	0.9871
44.9	0.6837	0.9994	0.9981	0.9863	0.9788	0.9978	0.9839	0.9933
45.0	0.6551	0.9993	0.9979	0.9897	0.9702	0.9977	0.9887	0.9924
45.1	0.6247	0.9989	0.9965	0.9790	0.9457	0.9958	0.9771	0.9867
45.2	0.5850	0.9992	0.9966	0.9413	0.9203	0.9941	0.9401	0.9830
45.3	0.5325	0.9993	0.9951	0.9155	0.8606	0.9944	0.9169	0.9631
45.4	0.6714	0.9992	0.9950	0.9243	0.8717	0.9954	0.9256	0.9606
45.5	0.6844	0.9993	0.9956	0.9434	0.9163	0.9957	0.9427	0.9710
45.6	0.8033	0.9996	0.9979	0.9686	0.9488	0.9972	0.9667	0.9836
45.7	0.7151	0.9995	0.9970	0.9601	0.9499	0.9950	0.9583	0.9713
45.8	0.7357	0.9993	0.9966	0.9736	0.9421	0.9932	0.9726	0.9728
45.9	0.8213	0.9995	0.9973	0.9831	0.9558	0.9960	0.9821	0.9876
46.0	0.8395	0.9996	0.9979	0.9574	0.9421	0.9949	0.9558	0.9874
46.1	0.7827	0.9996	0.9976	0.9223	0.8686	0.9907	0.9246	0.9739
46.2	0.8556	0.9995	0.9974	0.8812	0.7829	0.9903	0.8812	0.9428
46.3	0.8619	0.9994	0.9974	0.9302	0.8679	0.9909	0.9264	0.9421
46.4	0.9140	0.9994	0.9977	0.9513	0.8744	0.9900	0.9526	0.9564
46.5	0.8899	0.9994	0.9983	0.8602	0.7603	0.9909	0.8788	0.9433
46.6	0.9321	0.9994	0.9980	0.8937	0.6183	0.9956	0.9046	0.9730
46.7	0.9331	0.9996	0.9986	0.9404	0.8271	0.9960	0.9452	0.9740
46.8	0.9461	0.9995	0.9989	0.9496	0.9240	0.9961	0.9547	0.9789
46.9	0.9526	0.9995	0.9984	0.9418	0.9238	0.9954	0.9479	0.9773
47.0	0.9424	0.9991	0.9979	0.8226	0.7443	0.9926	0.8453	0.9578
47.1	0.9532	0.9993	0.9982	0.8365	0.8813	0.9957	0.8624	0.9782
47.2	0.9602	0.9995	0.9983	0.9493	0.9491	0.9968	0.9537	0.9893
47.3	0.9428	0.9994	0.9981	0.9595	0.9358	0.9974	0.9648	0.9880
47.4	0.9396	0.9993	0.9979	0.9503	0.9299	0.9937	0.9585	0.9871
47.5	0.9545	0.9996	0.9983	0.9554	0.9142	0.9928	0.9629	0.9767
47.6	0.9569	0.9996	0.9981	0.9492	0.8793	0.9945	0.9559	0.9623
47.7	0.9555	0.9994	0.9975	0.9003	0.7500	0.9942	0.9146	0.9455
47.8	0.9622	0.9993	0.9969	0.8375	0.5109	0.9957	0.8577	0.9108
47.9	0.9654	0.9994	0.9969	0.8745	0.8369	0.9954	0.8846	0.9240
48.0	0.9686	0.9993	0.9976	0.9389	0.8313	0.9932	0.9491	0.9410
48.1	0.9736	0.9994	0.9984	0.9292	0.8549	0.9923	0.9350	0.8970
48.2	0.9698	0.9994	0.9977	0.9210	0.9250	0.9924	0.9279	0.9396
48.3	0.9667	0.9995	0.9974	0.9483	0.9458	0.9949	0.9547	0.9793
48.4	0.9659	0.9994	0.9972	0.9263	0.9162	0.9941	0.9368	0.9791
48.5	0.9704	0.9992	0.9967	0.9539	0.9232	0.9959	0.9580	0.9789
48.6	0.9709	0.9992	0.9978	0.9653	0.9553	0.9956	0.9694	0.9861
48.7	0.9760	0.9991	0.9969	0.9483	0.8927	0.9935	0.9529	0.9693
48.8	0.9796	0.9995	0.9973	0.9370	0.7291	0.9963	0.9422	0.9549
48.9	0.9730	0.9995	0.9961	0.9311	0.6793	0.9964	0.9361	0.9134
49.0	0.9787	0.9993	0.9963	0.9717	0.9131	0.9962	0.9739	0.9521
49.1	0.9785	0.9993	0.9968	0.9772	0.9572	0.9959	0.9784	0.9712
49.2	0.9696	0.9991	0.9946	0.9695	0.9472	0.9906	0.9708	0.9626
49.3	0.9747	0.9991	0.9957	0.9777	0.9363	0.9895	0.9795	0.9763
49.4	0.9734	0.9992	0.9954	0.9724	0.8396	0.9856	0.9747	0.9565
49.5	0.9762	0.9994	0.9972	0.9760	0.8868	0.9906	0.9782	0.9587
49.6	0.9800	0.9994	0.9968	0.9866	0.9465	0.9935	0.9888	0.9737
49.7	0.9754	0.9993	0.9946	0.9753	0.9393	0.9920	0.9777	0.9703
49.8	0.9670	0.9991	0.9956	0.9612	0.8571	0.9897	0.9657	0.9685
49.9	0.9681	0.9990	0.9960	0.9313	0.8004	0.9878	0.9400	0.9447
50.0	0.9707	0.9990	0.9958	0.9686	0.9446	0.9924	0.9711	0.9718
50.1	0.9570	0.9991	0.9953	0.9781	0.9505	0.9872	0.9812	0.9819
50.2	0.9400	0.9989	0.9935	0.9719	0.9132	0.9851	0.9749	0.9741
50.3	0.9485	0.9991	0.9950	0.9393	0.8992	0.9822	0.9456	0.9451
50.4	0.9651	0.9992	0.9957	0.9473	0.9590	0.9872	0.9517	0.9557
50.5	0.9726	0.9990	0.9945	0.9728	0.9789	0.9878	0.9741	0.9752
50.6	0.9768	0.9989	0.9956	0.9808	0.9777	0.9858	0.9824	0.9825
50.7	0.9760	0.9992	0.9967	0.9873	0.9685	0.9864	0.9896	0.9864
50.8	0.9830	0.9993	0.9973	0.9924	0.9815	0.9906	0.9932	0.9898
50.9	0.9732	0.9987	0.9935	0.9847	0.9647	0.9884	0.9857	0.9764

51.0	0.9527	0.9987	0.9945	0.9626	0.9140	0.9796	0.9661	0.9533
51.1	0.9615	0.9987	0.9939	0.9772	0.9433	0.9835	0.9791	0.9652
51.2	0.9726	0.9987	0.9935	0.9787	0.9507	0.9791	0.9802	0.9698
51.3	0.9845	0.9992	0.9959	0.9817	0.9641	0.9872	0.9830	0.9808
51.4	0.9765	0.9989	0.9937	0.9507	0.9108	0.9798	0.9546	0.9496
51.5	0.9704	0.9986	0.9925	0.9419	0.9261	0.9681	0.9447	0.9402
51.6	0.9652	0.9989	0.9914	0.9520	0.9649	0.9710	0.9538	0.9651
51.7	0.9658	0.9991	0.9940	0.9753	0.9814	0.9821	0.9763	0.9855
51.8	0.9743	0.9993	0.9953	0.9842	0.9779	0.9850	0.9854	0.9842
51.9	0.9683	0.9989	0.9949	0.9782	0.9562	0.9736	0.9791	0.9660
52.0	0.9721	0.9989	0.9947	0.9876	0.9801	0.9812	0.9879	0.9836
52.1	0.9789	0.9991	0.9951	0.9922	0.9902	0.9836	0.9925	0.9922
52.2	0.9747	0.9987	0.9915	0.9715	0.9608	0.9730	0.9742	0.9809
52.3	0.9748	0.9989	0.9916	0.9599	0.9491	0.9742	0.9638	0.9651
52.4	0.9728	0.9984	0.9941	0.9762	0.9622	0.9704	0.9773	0.9632
52.5	0.9639	0.9981	0.9948	0.9849	0.9664	0.9764	0.9856	0.9759
52.6	0.9699	0.9986	0.9933	0.9779	0.9653	0.9805	0.9798	0.9808
52.7	0.9723	0.9987	0.9915	0.9518	0.9435	0.9646	0.9556	0.9659
52.8	0.9768	0.9988	0.9935	0.9685	0.9601	0.9578	0.9703	0.9740
52.9	0.9735	0.9989	0.9954	0.9856	0.9780	0.9596	0.9862	0.9846
53.0	0.9711	0.9988	0.9934	0.9882	0.9889	0.9598	0.9888	0.9907
53.1	0.9705	0.9987	0.9933	0.9850	0.9830	0.9518	0.9859	0.9880
53.2	0.9738	0.9989	0.9936	0.9846	0.9736	0.9523	0.9860	0.9861
53.3	0.9290	0.9987	0.9911	0.9704	0.9407	0.9181	0.9744	0.9798
53.4	0.8800	0.9988	0.9933	0.9750	0.9608	0.9296	0.9782	0.9847
53.5	0.9205	0.9990	0.9915	0.9687	0.9515	0.9315	0.9713	0.9740
53.6	0.9267	0.9983	0.9823	0.8942	0.8991	0.8853	0.9029	0.9255
53.7	0.9289	0.9989	0.9865	0.9350	0.9431	0.9142	0.9409	0.9561
53.8	0.9281	0.9990	0.9890	0.9575	0.9516	0.9103	0.9610	0.9683
53.9	0.9535	0.9991	0.9956	0.9864	0.9868	0.9486	0.9874	0.9916
54.0	0.9436	0.9991	0.9957	0.9886	0.9865	0.9430	0.9893	0.9905
54.1	0.9426	0.9979	0.9883	0.9673	0.9387	0.8587	0.9687	0.9502
54.2	0.9428	0.9975	0.9800	0.9479	0.9226	0.8423	0.9498	0.9250
54.3	0.9287	0.9985	0.9894	0.9754	0.9648	0.8869	0.9770	0.9755
54.4	0.9174	0.9986	0.9931	0.9851	0.9828	0.9008	0.9862	0.9898
54.5	0.8903	0.9984	0.9910	0.9813	0.9757	0.8102	0.9828	0.9878
54.6	0.8088	0.9980	0.9803	0.9532	0.9215	0.4904	0.9574	0.9629
54.7	0.7981	0.9986	0.9748	0.9282	0.9130	0.7096	0.9365	0.9490
54.8	0.7557	0.9983	0.9771	0.9419	0.9163	0.7884	0.9485	0.9643
54.9	0.8076	0.9990	0.9928	0.9809	0.9702	0.8909	0.9827	0.9879
55.0	0.7506	0.9990	0.9960	0.9913	0.9888	0.9277	0.9923	0.9960
55.1	0.6241	0.9986	0.9939	0.9854	0.9836	0.8759	0.9871	0.9925
55.2	0.5206	0.9987	0.9932	0.9834	0.9801	0.8584	0.9853	0.9913
55.3	0.5127	0.9987	0.9919	0.9827	0.9726	0.8155	0.9846	0.9906
55.4	0.6064	0.9982	0.9930	0.9770	0.9500	0.7949	0.9802	0.9863
55.5	0.5546	0.9976	0.9847	0.9528	0.9253	0.7901	0.9586	0.9756
55.6	0.6747	0.9983	0.9913	0.9810	0.9736	0.8988	0.9834	0.9917
55.7	0.6853	0.9983	0.9948	0.9888	0.9876	0.9001	0.9905	0.9969
55.8	0.7460	0.9983	0.9942	0.9868	0.9862	0.8543	0.9890	0.9966
55.9	0.7335	0.9977	0.9882	0.9651	0.9583	0.7313	0.9702	0.9886
56.0	0.7189	0.9977	0.9618	0.8441	0.8384	0.6840	0.8610	0.9330
56.1	0.7166	0.9985	0.9740	0.9206	0.9092	0.7963	0.9280	0.9627
56.2	0.7198	0.9980	0.9878	0.9769	0.9707	0.9112	0.9793	0.9893
56.3	0.8329	0.9982	0.9919	0.9837	0.9836	0.9220	0.9859	0.9949
56.4	0.8716	0.9984	0.9937	0.9849	0.9830	0.9282	0.9870	0.9953
56.5	0.8527	0.9981	0.9931	0.9843	0.9817	0.9288	0.9865	0.9959
56.6	0.7971	0.9977	0.9915	0.9827	0.9799	0.9264	0.9849	0.9949
56.7	0.8463	0.9978	0.9883	0.9800	0.9751	0.9324	0.9826	0.9944
56.8	0.9037	0.9978	0.9898	0.9840	0.9799	0.9435	0.9863	0.9953
56.9	0.8732	0.9980	0.9912	0.9832	0.9857	0.9447	0.9859	0.9954
57.0	0.8946	0.9979	0.9891	0.9813	0.9754	0.9545	0.9840	0.9949
57.1	0.9116	0.9976	0.9764	0.9393	0.8818	0.9251	0.9465	0.9779
57.2	0.9343	0.9973	0.9761	0.9416	0.9116	0.9238	0.9467	0.9731
57.3	0.9601	0.9982	0.9913	0.9854	0.9794	0.9698	0.9867	0.9945
57.4	0.9373	0.9978	0.9892	0.9836	0.9800	0.9659	0.9851	0.9941
57.5	0.9413	0.9976	0.9904	0.9872	0.9819	0.9695	0.9887	0.9956
57.6	0.9413	0.9974	0.9906	0.9877	0.9863	0.9764	0.9889	0.9950
57.7	0.9506	0.9978	0.9902	0.9867	0.9887	0.9792	0.9875	0.9950
57.8	0.9364	0.9976	0.9889	0.9843	0.9864	0.9739	0.9856	0.9945
57.9	0.9445	0.9967	0.9897	0.9823	0.9777	0.9614	0.9844	0.9955
58.0	0.9472	0.9973	0.9898	0.9847	0.9817	0.9694	0.9864	0.9952
58.1	0.9722	0.9975	0.9911	0.9890	0.9853	0.9812	0.9900	0.9958
58.2	0.9614	0.9969	0.9895	0.9863	0.9857	0.9798	0.9875	0.9952
58.3	0.9490	0.9977	0.9869	0.9827	0.9831	0.9719	0.9843	0.9941
58.4	0.9633	0.9980	0.9879	0.9820	0.9764	0.9700	0.9836	0.9913
58.5	0.9728	0.9971	0.9910	0.9839	0.9747	0.9722	0.9853	0.9877
58.6	0.9758	0.9973	0.9883	0.9823	0.9786	0.9708	0.9839	0.9916
58.7	0.9819	0.9964	0.9869	0.9831	0.9821	0.9767	0.9846	0.9931
58.8	0.9820	0.9968	0.9897	0.9865	0.9815	0.9786	0.9878	0.9946
58.9	0.9783	0.9968	0.9891	0.9850	0.9758	0.9761	0.9868	0.9952
59.0	0.9695	0.9968	0.9876	0.9823	0.9759	0.9750	0.9840	0.9938
59.1	0.9614	0.9957	0.9872	0.9805	0.9741	0.9713	0.9821	0.9921
59.2	0.9860	0.9963	0.9937	0.9921	0.9863	0.9885	0.9927	0.9950
59.3	0.9724	0.9962	0.9904	0.9867	0.9811	0.9809	0.9880	0.9948
59.4	0.9769	0.9964	0.9917	0.9885	0.9805	0.9835	0.9898	0.9960
59.5	0.9810	0.9958	0.9907	0.9892	0.9809	0.9837	0.9902	0.9953

59.6	0.9811	0.9954	0.9885	0.9874	0.9750	0.9817	0.9885	0.9948
59.7	0.9725	0.9952	0.9885	0.9879	0.9778	0.9850	0.9890	0.9951
59.8	0.9806	0.9968	0.9923	0.9927	0.9860	0.9888	0.9932	0.9961
59.9	0.9795	0.9968	0.9924	0.9913	0.9835	0.9868	0.9920	0.9969
60.0	0.9808	0.9953	0.9903	0.9886	0.9798	0.9861	0.9897	0.9958
60.1	0.9753	0.9952	0.9901	0.9901	0.9789	0.9878	0.9908	0.9950
60.2	0.9776	0.9946	0.9902	0.9896	0.9820	0.9889	0.9902	0.9951
60.3	0.9817	0.9951	0.9916	0.9901	0.9803	0.9896	0.9908	0.9953
60.4	0.9800	0.9951	0.9913	0.9909	0.9820	0.9897	0.9914	0.9943
60.5	0.9776	0.9947	0.9914	0.9916	0.9848	0.9911	0.9920	0.9947
60.6	0.9818	0.9951	0.9932	0.9933	0.9850	0.9930	0.9937	0.9948
60.7	0.9795	0.9953	0.9923	0.9922	0.9774	0.9914	0.9926	0.9950
60.8	0.9747	0.9924	0.9893	0.9888	0.9700	0.9870	0.9896	0.9934
60.9	0.9806	0.9954	0.9946	0.9935	0.9797	0.9928	0.9940	0.9956
61.0	0.9811	0.9949	0.9933	0.9917	0.9797	0.9912	0.9924	0.9955
61.1	0.9792	0.9959	0.9922	0.9903	0.9769	0.9896	0.9913	0.9952
61.2	0.9792	0.9950	0.9929	0.9913	0.9776	0.9888	0.9919	0.9940
61.3	0.9870	0.9936	0.9942	0.9933	0.9830	0.9915	0.9936	0.9941
61.4	0.9825	0.9928	0.9930	0.9904	0.9828	0.9907	0.9908	0.9936
61.5	0.9736	0.9935	0.9932	0.9897	0.9842	0.9905	0.9901	0.9937
61.6	0.9790	0.9934	0.9942	0.9929	0.9805	0.9926	0.9931	0.9936
61.7	0.9787	0.9937	0.9950	0.9925	0.9820	0.9918	0.9928	0.9940
61.8	0.9819	0.9957	0.9959	0.9934	0.9882	0.9938	0.9938	0.9967
61.9	0.9785	0.9939	0.9935	0.9918	0.9845	0.9923	0.9923	0.9957
62.0	0.9547	0.9915	0.9895	0.9867	0.9733	0.9881	0.9877	0.9924
62.1	0.9687	0.9939	0.9937	0.9919	0.9795	0.9934	0.9925	0.9950
62.2	0.9735	0.9941	0.9940	0.9906	0.9793	0.9924	0.9912	0.9960
62.3	0.9765	0.9937	0.9943	0.9907	0.9804	0.9924	0.9912	0.9951
62.4	0.9694	0.9940	0.9945	0.9919	0.9816	0.9931	0.9924	0.9936
62.5	0.9724	0.9943	0.9936	0.9930	0.9784	0.9943	0.9935	0.9945
62.6	0.9637	0.9939	0.9909	0.9919	0.9744	0.9922	0.9926	0.9943
62.7	0.9588	0.9936	0.9913	0.9909	0.9799	0.9918	0.9915	0.9942
62.8	0.9708	0.9943	0.9927	0.9912	0.9831	0.9936	0.9918	0.9954
62.9	0.9482	0.9931	0.9881	0.9883	0.9809	0.9923	0.9893	0.9947
63.0	0.9459	0.9928	0.9889	0.9886	0.9847	0.9910	0.9894	0.9939
63.1	0.9626	0.9934	0.9883	0.9890	0.9798	0.9914	0.9899	0.9945
63.2	0.9542	0.9937	0.9882	0.9884	0.9749	0.9922	0.9895	0.9942
63.3	0.9400	0.9915	0.9853	0.9855	0.9779	0.9898	0.9868	0.9919
63.4	0.9263	0.9907	0.9827	0.9866	0.9806	0.9902	0.9875	0.9931
63.5	0.9468	0.9926	0.9825	0.9911	0.9731	0.9922	0.9918	0.9909
63.6	0.9494	0.9922	0.9789	0.9898	0.9742	0.9912	0.9907	0.9904
63.7	0.9490	0.9917	0.9830	0.9877	0.9801	0.9920	0.9885	0.9936
63.8	0.9477	0.9938	0.9816	0.9872	0.9800	0.9922	0.9883	0.9945
63.9	0.9337	0.9947	0.9771	0.9855	0.9781	0.9908	0.9870	0.9915
64.0	0.9334	0.9920	0.9803	0.9847	0.9819	0.9928	0.9863	0.9914
64.1	0.9285	0.9935	0.9609	0.9840	0.9778	0.9906	0.9858	0.9911
64.2	0.9248	0.9926	0.9548	0.9868	0.9778	0.9900	0.9882	0.9886
64.3	0.9203	0.9908	0.9653	0.9857	0.9772	0.9904	0.9873	0.9893
64.4	0.8803	0.9895	0.9502	0.9837	0.9677	0.9894	0.9855	0.9869
64.5	0.9151	0.9889	0.9349	0.9783	0.9722	0.9885	0.9810	0.9870
64.6	0.9178	0.9917	0.9380	0.9825	0.9766	0.9923	0.9846	0.9924
64.7	0.9200	0.9925	0.9557	0.9857	0.9835	0.9931	0.9875	0.9928
64.8	0.9018	0.9883	0.9655	0.9830	0.9822	0.9897	0.9849	0.9883
64.9	0.8925	0.9892	0.9337	0.9805	0.9769	0.9877	0.9829	0.9856
65.0	0.9109	0.9916	0.9169	0.9697	0.9821	0.9847	0.9742	0.9862
65.1	0.8762	0.9902	0.8866	0.9666	0.9743	0.9868	0.9726	0.9840
65.2	0.8952	0.9875	0.8938	0.9658	0.9804	0.9870	0.9714	0.9825
65.3	0.8739	0.9889	0.8959	0.9674	0.9827	0.9832	0.9721	0.9844
65.4	0.8685	0.9892	0.8976	0.9710	0.9802	0.9849	0.9754	0.9856
65.5	0.8504	0.9881	0.8789	0.9579	0.9763	0.9832	0.9648	0.9838
65.6	0.8501	0.9885	0.8924	0.9669	0.9810	0.9868	0.9731	0.9855
65.7	0.8621	0.9860	0.8784	0.9658	0.9789	0.9883	0.9731	0.9843
65.8	0.8710	0.9875	0.8716	0.9583	0.9765	0.9850	0.9671	0.9837
65.9	0.9042	0.9864	0.8899	0.9535	0.9751	0.9812	0.9634	0.9776
66.0	0.8594	0.9819	0.9092	0.9584	0.9702	0.9745	0.9670	0.9710
66.1	0.8888	0.9852	0.9197	0.9591	0.9815	0.9753	0.9661	0.9787
66.2	0.8879	0.9815	0.9103	0.9474	0.9796	0.9778	0.9567	0.9776
66.3	0.8528	0.9837	0.9373	0.9554	0.9790	0.9804	0.9643	0.9803
66.4	0.8676	0.9815	0.9477	0.9581	0.9799	0.9819	0.9672	0.9786
66.5	0.8569	0.9815	0.9467	0.9495	0.9752	0.9777	0.9601	0.9710
66.6	0.8883	0.9788	0.9474	0.9561	0.9757	0.9724	0.9657	0.9619
66.7	0.8215	0.9695	0.9385	0.9398	0.9725	0.9742	0.9528	0.9718
66.8	0.7662	0.9683	0.9122	0.9138	0.9692	0.9679	0.9333	0.9698
66.9	0.7966	0.9749	0.9430	0.9255	0.9771	0.9651	0.9422	0.9649
67.0	0.8590	0.9739	0.9507	0.9310	0.9789	0.9694	0.9478	0.9667
67.1	0.7996	0.9513	0.9289	0.8830	0.9698	0.9471	0.9122	0.9420
67.2	0.8535	0.9501	0.9449	0.8599	0.9740	0.9391	0.8930	0.9386
67.3	0.8477	0.9617	0.9554	0.8764	0.9745	0.9531	0.9098	0.9459
67.4	0.8442	0.9437	0.9512	0.8411	0.9722	0.9258	0.8866	0.9023
67.5	0.8979	0.9385	0.9633	0.8404	0.9800	0.9163	0.8854	0.8827
67.6	0.9019	0.9300	0.9473	0.8619	0.9759	0.8977	0.8976	0.8988
67.7	0.8967	0.9311	0.9631	0.8378	0.9784	0.9033	0.8800	0.9010
67.8	0.8920	0.9175	0.9661	0.8183	0.9784	0.9034	0.8650	0.8952
67.9	0.8884	0.9172	0.9581	0.8389	0.9768	0.8792	0.8851	0.8712
68.0	0.8920	0.9188	0.9629	0.8726	0.9802	0.8811	0.9123	0.8718
68.1	0.9163	0.9194	0.9579	0.8287	0.9808	0.8545	0.8774	0.8519

68.2	0.9031	0.8499	0.9504	0.7369	0.9692	0.8285	0.7963	0.7775
68.3	0.9086	0.8928	0.9655	0.8241	0.9771	0.8233	0.8632	0.7838
68.4	0.9267	0.9200	0.9644	0.8726	0.9800	0.8078	0.9065	0.7479
68.5	0.9279	0.9114	0.9610	0.8354	0.9767	0.7516	0.8791	0.6508
68.6	0.9308	0.8810	0.9618	0.8057	0.9730	0.6877	0.8475	0.5678
68.7	0.9292	0.8905	0.9601	0.8359	0.9700	0.7647	0.8837	0.6249
68.8	0.9201	0.9216	0.9573	0.8181	0.9682	0.7611	0.8645	0.6553
68.9	0.9091	0.9207	0.9516	0.8083	0.9593	0.6269	0.8559	0.4930
69.0	0.9379	0.9235	0.9595	0.7757	0.9723	0.6730	0.8386	0.4925
69.1	0.9478	0.9322	0.9631	0.7797	0.9762	0.6823	0.8326	0.5075
69.2	0.9421	0.9608	0.9689	0.7682	0.9778	0.6641	0.8239	0.4866
69.3	0.9433	0.9566	0.9642	0.7223	0.9719	0.5970	0.7907	0.3870
69.4	0.9612	0.9481	0.9701	0.6603	0.9738	0.5713	0.7626	0.4216
69.5	0.9657	0.9394	0.9622	0.5231	0.9634	0.5862	0.6811	0.4712
69.6	0.9612	0.9547	0.9615	0.4459	0.9640	0.6375	0.6306	0.5609
69.7	0.9646	0.9544	0.9659	0.4674	0.9662	0.6623	0.6260	0.6813
69.8	0.9625	0.9573	0.9675	0.3454	0.9693	0.6705	0.5238	0.6832
69.9	0.9675	0.9512	0.9666	0.1481	0.9644	0.6704	0.3626	0.6943
70.0	0.9653	0.9401	0.9686	0.0309	0.9703	0.7539	0.3508	0.7770
70.1	0.9550	0.9354	0.9578	0.0059	0.9586	0.7438	0.1718	0.7648
70.2	0.9588	0.9359	0.9567	0.0653	0.9504	0.7424	0.1072	0.7837
70.3	0.9588	0.9349	0.9579	0.2715	0.9505	0.7749	0.1968	0.8023
70.4	0.9712	0.9429	0.9702	0.5966	0.9659	0.8196	0.4890	0.8497
70.5	0.9687	0.9272	0.9706	0.7057	0.9610	0.8145	0.5967	0.8608
70.6	0.9583	0.9260	0.9584	0.7419	0.9504	0.8729	0.6549	0.9064
70.7	0.9683	0.9350	0.9627	0.7977	0.9544	0.9207	0.7387	0.9367
70.8	0.9505	0.9067	0.9480	0.6884	0.9334	0.8772	0.5922	0.9154
70.9	0.9517	0.8999	0.9516	0.6951	0.9354	0.8627	0.6072	0.9110
71.0	0.9614	0.9114	0.9584	0.6540	0.9423	0.8662	0.5865	0.9176
71.1	0.9708	0.8996	0.9603	0.6714	0.9386	0.8774	0.6425	0.9252
71.2	0.9735	0.9158	0.9743	0.6596	0.9579	0.9043	0.6194	0.9519
71.3	0.9557	0.9155	0.9644	0.5010	0.9561	0.8964	0.5006	0.9515
71.4	0.9639	0.8859	0.9661	0.4511	0.9440	0.8860	0.5192	0.9423
71.5	0.9641	0.8759	0.9688	0.5549	0.9363	0.8873	0.6353	0.9400
71.6	0.9498	0.8496	0.9484	0.6181	0.9208	0.8975	0.6921	0.9464
71.7	0.9560	0.8566	0.9563	0.5698	0.9357	0.9137	0.6667	0.9631
71.8	0.9517	0.8348	0.9607	0.6836	0.9400	0.9017	0.7559	0.9616
71.9	0.9546	0.8260	0.9622	0.6551	0.9423	0.9148	0.7321	0.9673
72.0	0.9599	0.7833	0.9663	0.6955	0.9276	0.9026	0.7591	0.9575
72.1	0.9704	0.7350	0.9749	0.7690	0.9246	0.8879	0.8075	0.9500
72.2	0.9708	0.7548	0.9713	0.8108	0.9205	0.9086	0.8497	0.9600
72.3	0.9642	0.7863	0.9655	0.7709	0.9160	0.9127	0.8147	0.9670
72.4	0.9540	0.6998	0.9495	0.7190	0.8848	0.9144	0.7747	0.9703
72.5	0.9520	0.6987	0.9502	0.7630	0.8853	0.9081	0.8082	0.9669
72.6	0.9612	0.7153	0.9587	0.7973	0.8987	0.9219	0.8377	0.9742
72.7	0.9633	0.6787	0.9621	0.8320	0.9080	0.9213	0.8638	0.9728
72.8	0.9550	0.7127	0.9525	0.8013	0.8951	0.9104	0.8353	0.9724
72.9	0.9611	0.6178	0.9591	0.8427	0.9038	0.9177	0.8693	0.9713
73.0	0.9654	0.5443	0.9613	0.8407	0.9104	0.9256	0.8666	0.9721
73.1	0.9516	0.4496	0.9399	0.7678	0.8632	0.9104	0.8055	0.9693
73.2	0.9578	0.4599	0.9501	0.7814	0.8743	0.9146	0.8183	0.9691
73.3	0.9635	0.5668	0.9609	0.8210	0.8986	0.9270	0.8541	0.9738
73.4	0.9630	0.5120	0.9593	0.8277	0.8976	0.9324	0.8613	0.9755
73.5	0.9583	0.1974	0.9514	0.8081	0.8745	0.9256	0.8457	0.9728
73.6	0.9636	0.1444	0.9608	0.8204	0.9106	0.9228	0.8528	0.9728
73.7	0.9606	0.2082	0.9574	0.8436	0.8979	0.9243	0.8712	0.9712
73.8	0.9513	0.0666	0.9331	0.8009	0.7915	0.9088	0.8493	0.9539
73.9	0.9404	0.0571	0.9201	0.7730	0.7605	0.8985	0.8284	0.9560
74.0	0.9515	0.0357	0.9273	0.8136	0.8002	0.9236	0.8599	0.9674
74.1	0.9605	0.0001	0.9377	0.8317	0.8272	0.9289	0.8693	0.9633
74.2	0.9606	0.0894	0.9346	0.8393	0.7505	0.9211	0.8766	0.9422
74.3	0.9570	0.1623	0.9330	0.8142	0.7754	0.8928	0.8542	0.9404
74.4	0.9545	0.1775	0.9336	0.7918	0.7851	0.8943	0.8385	0.9505
74.5	0.9546	0.2738	0.9212	0.8024	0.7474	0.9118	0.8521	0.9425
74.6	0.9409	0.3515	0.8985	0.7648	0.7078	0.8906	0.8281	0.9283
74.7	0.9482	0.4381	0.9065	0.7815	0.7335	0.9001	0.8395	0.9301
74.8	0.9653	0.6378	0.9462	0.8524	0.8514	0.9041	0.8849	0.9439
74.9	0.9672	0.5713	0.9328	0.8155	0.8057	0.8923	0.8611	0.9239
75.0	0.9601	0.6540	0.9070	0.7961	0.7634	0.8916	0.8510	0.8969
75.1	0.9554	0.7398	0.9130	0.7855	0.7905	0.8953	0.8428	0.9109
75.2	0.9515	0.7437	0.8962	0.7669	0.7638	0.9070	0.8382	0.9003
75.3	0.9563	0.7773	0.9055	0.7860	0.8007	0.9291	0.8572	0.9133
75.4	0.9447	0.7547	0.8927	0.7545	0.7772	0.8844	0.8292	0.8964
75.5	0.9413	0.7480	0.8825	0.6997	0.7618	0.8550	0.7835	0.8947
75.6	0.9344	0.7724	0.8672	0.7230	0.7405	0.8506	0.7979	0.8588
75.7	0.9466	0.8316	0.8852	0.7232	0.7943	0.8839	0.8030	0.8973
75.8	0.9584	0.8689	0.9108	0.7475	0.8621	0.9135	0.8210	0.9273
75.9	0.9548	0.8621	0.9029	0.7511	0.8625	0.9159	0.8263	0.9232
76.0	0.9480	0.8741	0.8955	0.7759	0.8485	0.9194	0.8396	0.9129
76.1	0.9361	0.8403	0.8590	0.7125	0.8077	0.8765	0.7857	0.8820
76.2	0.9252	0.8284	0.8474	0.6644	0.8193	0.9033	0.7660	0.8869
76.3	0.9341	0.8764	0.8707	0.6979	0.8527	0.9252	0.7927	0.9059
76.4	0.9513	0.9051	0.9055	0.7491	0.8970	0.9472	0.8277	0.9339
76.5	0.9475	0.9136	0.8974	0.6756	0.8966	0.9419	0.7635	0.9352
76.6	0.9025	0.8618	0.8220	0.4988	0.8389	0.9208	0.6461	0.8986
76.7	0.9063	0.8747	0.8212	0.4200	0.8607	0.9300	0.6534	0.9121

76.8	0.9068	0.8956	0.8657	0.5425	0.8846	0.9092	0.6632	0.9194
76.9	0.9266	0.9235	0.8868	0.5396	0.9073	0.9429	0.6560	0.9343
77.0	0.9358	0.9453	0.9157	0.4750	0.9420	0.9635	0.6515	0.9584
77.1	0.9010	0.9125	0.8640	0.3220	0.8989	0.9495	0.6318	0.9282
77.2	0.9017	0.9111	0.8492	0.1930	0.9011	0.9595	0.7247	0.9268
77.3	0.8857	0.9200	0.8535	0.1962	0.9166	0.9644	0.7280	0.9363
77.4	0.9017	0.9507	0.8901	0.2899	0.9429	0.9734	0.7946	0.9553
77.5	0.8478	0.9294	0.8551	0.2168	0.9144	0.9521	0.7934	0.9321
77.6	0.8251	0.9429	0.8827	0.0960	0.9326	0.9658	0.7960	0.9459
77.7	0.7527	0.9446	0.8725	0.0642	0.9417	0.9607	0.7217	0.9472
77.8	0.8214	0.9529	0.9029	0.3463	0.9574	0.9693	0.8593	0.9578
77.9	0.8382	0.9564	0.9033	0.3270	0.9560	0.9723	0.8547	0.9598
78.0	0.8163	0.9500	0.8730	0.3311	0.9462	0.9720	0.8490	0.9532
78.1	0.8387	0.9508	0.8847	0.4559	0.9526	0.9732	0.8747	0.9555
78.2	0.8223	0.9527	0.8501	0.5365	0.9493	0.9747	0.8626	0.9512
78.3	0.8586	0.9529	0.8596	0.6448	0.9493	0.9721	0.9023	0.9484
78.4	0.9131	0.9650	0.9018	0.7920	0.9657	0.9814	0.9457	0.9651
78.5	0.8748	0.9543	0.8575	0.7226	0.9489	0.9710	0.9182	0.9492
78.6	0.8784	0.9596	0.8541	0.7301	0.9543	0.9742	0.9216	0.9517
78.7	0.8884	0.9695	0.8735	0.7953	0.9632	0.9761	0.9292	0.9582
78.8	0.8906	0.9556	0.8076	0.7916	0.9552	0.9685	0.9123	0.9425
78.9	0.9300	0.9676	0.7552	0.8206	0.9567	0.9832	0.9375	0.9493
79.0	0.9184	0.9596	0.7558	0.7421	0.9488	0.9784	0.9162	0.9477
79.1	0.8960	0.9562	0.7645	0.7676	0.9416	0.9682	0.9129	0.9267
79.2	0.8930	0.9618	0.7561	0.8285	0.9342	0.9588	0.9248	0.9076
79.3	0.8916	0.9703	0.7653	0.8344	0.9311	0.9605	0.9153	0.9031
79.4	0.8984	0.9725	0.8250	0.8777	0.9454	0.9657	0.9269	0.9204
79.5	0.9174	0.9808	0.8191	0.9194	0.9469	0.9657	0.9510	0.9125
79.6	0.9184	0.9761	0.7885	0.9044	0.9409	0.9612	0.9412	0.9017
79.7	0.9375	0.9769	0.8138	0.9138	0.9474	0.9598	0.9371	0.9058
79.8	0.9440	0.9766	0.7599	0.9367	0.9361	0.9605	0.9579	0.8842
79.9	0.9441	0.9787	0.7715	0.9389	0.9332	0.9523	0.9486	0.8842
80.0	0.9472	0.9842	0.7957	0.9478	0.9466	0.9622	0.9563	0.9062

2.2.45 Run 4 – IP050-200 – Accels 17–24

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.1193	0.0024	0.8629	0.6296	0.3638	0.2674	0.4447	0.6915
0.1	0.0311	0.0099	0.7053	0.4603	0.0517	0.1759	0.2283	0.4308
0.2	0.0654	0.0155	0.0068	0.0291	0.0055	0.0059	0.0034	0.0107
0.3	0.0220	0.0292	0.0065	0.0061	0.0091	0.0018	0.0391	0.0659
0.4	0.0035	0.0270	0.0216	0.0029	0.0123	0.0194	0.0165	0.0367
0.5	0.0171	0.0367	0.0055	0.0103	0.0127	0.0323	0.0095	0.0023
0.6	0.0071	0.0163	0.0460	0.0302	0.0016	0.0514	0.0307	0.0259
0.7	0.0140	0.1508	0.0802	0.0648	0.0146	0.0011	0.0304	0.3812
0.8	0.2208	0.5736	0.3935	0.2636	0.1096	0.0535	0.1254	0.5856
0.9	0.6090	0.8296	0.4031	0.5557	0.0464	0.0018	0.5159	0.8211
1.0	0.7345	0.8733	0.2908	0.6710	0.0066	0.0244	0.7794	0.8888
1.1	0.4872	0.7261	0.1623	0.5148	0.0060	0.0036	0.7220	0.8622
1.2	0.6386	0.8313	0.3644	0.7566	0.0253	0.0126	0.7948	0.9123
1.3	0.7158	0.9264	0.6586	0.8318	0.0738	0.1259	0.8211	0.8762
1.4	0.6564	0.8928	0.7452	0.7592	0.1720	0.1491	0.2848	0.7226
1.5	0.6913	0.9202	0.8413	0.7944	0.3309	0.3568	0.5658	0.7583
1.6	0.5912	0.9332	0.8565	0.7840	0.3415	0.6875	0.8533	0.7568
1.7	0.7624	0.9006	0.8047	0.9143	0.2601	0.8504	0.9718	0.8291
1.8	0.8653	0.8575	0.7518	0.9601	0.2726	0.8495	0.9788	0.8272
1.9	0.8597	0.8442	0.7700	0.9523	0.4871	0.8786	0.9779	0.8332
2.0	0.7916	0.7401	0.7051	0.8700	0.4027	0.8492	0.9495	0.7516
2.1	0.8816	0.8441	0.8879	0.8837	0.6134	0.9081	0.9054	0.8593
2.2	0.8327	0.9028	0.8766	0.8252	0.7157	0.8656	0.8323	0.9149
2.3	0.3507	0.8538	0.3980	0.3496	0.5327	0.3952	0.3621	0.8822
2.4	0.7079	0.8757	0.5847	0.7246	0.3211	0.6519	0.7342	0.9316
2.5	0.9130	0.9562	0.8269	0.9211	0.3537	0.8490	0.9252	0.9739
2.6	0.9696	0.9761	0.8980	0.9736	0.4423	0.9155	0.9747	0.9863
2.7	0.9839	0.9838	0.9080	0.9865	0.4453	0.9237	0.9875	0.9910
2.8	0.9856	0.9878	0.8954	0.9878	0.3171	0.8136	0.9888	0.9925
2.9	0.9955	0.9878	0.9243	0.9960	0.3547	0.7921	0.9960	0.9931
3.0	0.9962	0.9922	0.9201	0.9970	0.4387	0.4720	0.9969	0.9959
3.1	0.9978	0.9937	0.9064	0.9983	0.4055	0.1287	0.9982	0.9969
3.2	0.9983	0.9946	0.9015	0.9987	0.5920	0.6702	0.9984	0.9973
3.3	0.9984	0.9954	0.8636	0.9989	0.6395	0.8510	0.9988	0.9979
3.4	0.9988	0.9965	0.8537	0.9990	0.6003	0.9241	0.9988	0.9983
3.5	0.9989	0.9972	0.8160	0.9992	0.5823	0.9584	0.9992	0.9986
3.6	0.9991	0.9974	0.7709	0.9994	0.5364	0.9657	0.9991	0.9986
3.7	0.9992	0.9979	0.5958	0.9994	0.7159	0.9813	0.9994	0.9990
3.8	0.9993	0.9975	0.3791	0.9996	0.7692	0.9864	0.9995	0.9989
3.9	0.9993	0.9975	0.2194	0.9997	0.7251	0.9918	0.9995	0.9988
4.0	0.9992	0.9973	0.3644	0.9996	0.7096	0.9906	0.9996	0.9987
4.1	0.9990	0.9974	0.5115	0.9995	0.7086	0.9931	0.9995	0.9988
4.2	0.9989	0.9970	0.5860	0.9995	0.6348	0.9917	0.9994	0.9986
4.3	0.9993	0.9975	0.8035	0.9995	0.6118	0.9930	0.9992	0.9989
4.4	0.9993	0.9987	0.9234	0.9995	0.5226	0.9953	0.9993	0.9994
4.5	0.9990	0.9988	0.9431	0.9994	0.5850	0.9948	0.9995	0.9995
4.6	0.9988	0.9986	0.9422	0.9992	0.4408	0.9955	0.9994	0.9994
4.7	0.9989	0.9992	0.9124	0.9992	0.3911	0.9948	0.9993	0.9996
4.8	0.9988	0.9990	0.8794	0.9991	0.3764	0.9958	0.9992	0.9995
4.9	0.9982	0.9983	0.7464	0.9988	0.3130	0.9942	0.9990	0.9990
5.0	0.9983	0.9987	0.7050	0.9987	0.4196	0.9959	0.9987	0.9994
5.1	0.9986	0.9991	0.8396	0.9988	0.4866	0.9952	0.9985	0.9994
5.2	0.9986	0.9989	0.8961	0.9985	0.3928	0.9948	0.9986	0.9992
5.3	0.9983	0.9987	0.9331	0.9979	0.4091	0.9948	0.9981	0.9987
5.4	0.9980	0.9985	0.9484	0.9976	0.4204	0.9954	0.9979	0.9984
5.5	0.9982	0.9987	0.9601	0.9979	0.4190	0.9958	0.9983	0.9987
5.6	0.9973	0.9975	0.9483	0.9970	0.4939	0.9943	0.9974	0.9979
5.7	0.9971	0.9976	0.9563	0.9968	0.5922	0.9954	0.9967	0.9978
5.8	0.9961	0.9973	0.9571	0.9958	0.5600	0.9948	0.9958	0.9975
5.9	0.9960	0.9965	0.9623	0.9952	0.4147	0.9953	0.9957	0.9969
6.0	0.9963	0.9973	0.9787	0.9956	0.3665	0.9972	0.9958	0.9973
6.1	0.9974	0.9982	0.9811	0.9968	0.3640	0.9975	0.9964	0.9983
6.2	0.9980	0.9983	0.9835	0.9976	0.3665	0.9978	0.9975	0.9984
6.3	0.9968	0.9964	0.9739	0.9959	0.3044	0.9963	0.9958	0.9966
6.4	0.9946	0.9957	0.9671	0.9922	0.2600	0.9938	0.9915	0.9963
6.5	0.9954	0.9976	0.9760	0.9940	0.3569	0.9952	0.9937	0.9978
6.6	0.9961	0.9982	0.9831	0.9949	0.4276	0.9961	0.9948	0.9983
6.7	0.9948	0.9978	0.9804	0.9945	0.3571	0.9950	0.9940	0.9978
6.8	0.9914	0.9974	0.9690	0.9926	0.2913	0.9935	0.9923	0.9973
6.9	0.9826	0.9969	0.9473	0.9892	0.3084	0.9932	0.9900	0.9978
7.0	0.9662	0.9942	0.9303	0.9817	0.4207	0.9936	0.9852	0.9982
7.1	0.9009	0.9855	0.8590	0.9383	0.2751	0.9953	0.9514	0.9971
7.2	0.9109	0.9905	0.9133	0.9421	0.3153	0.9922	0.9553	0.9976
7.3	0.9548	0.9975	0.9706	0.9687	0.4347	0.9925	0.9770	0.9982
7.4	0.9117	0.9981	0.9592	0.9418	0.5155	0.9967	0.9601	0.9987
7.5	0.7849	0.9985	0.9434	0.9354	0.4965	0.9963	0.9609	0.9988
7.6	0.7978	0.9987	0.9496	0.9550	0.3303	0.9902	0.9702	0.9982
7.7	0.9552	0.9988	0.9582	0.9828	0.2661	0.9923	0.9860	0.9983
7.8	0.9823	0.9990	0.9770	0.9892	0.3075	0.9930	0.9904	0.9985
7.9	0.9912	0.9993	0.9907	0.9924	0.4518	0.9977	0.9932	0.9986

8.0	0.9799	0.9988	0.9754	0.9855	0.3862	0.9932	0.9871	0.9975
8.1	0.9915	0.9993	0.9867	0.9924	0.4547	0.9967	0.9928	0.9983
8.2	0.9889	0.9991	0.9862	0.9921	0.3846	0.9959	0.9919	0.9982
8.3	0.9831	0.9987	0.9648	0.9881	0.3936	0.9892	0.9891	0.9976
8.4	0.9901	0.9987	0.9762	0.9911	0.4512	0.9937	0.9922	0.9979
8.5	0.9872	0.9984	0.9673	0.9909	0.2880	0.9881	0.9912	0.9973
8.6	0.9918	0.9986	0.9775	0.9945	0.4487	0.9908	0.9945	0.9972
8.7	0.9959	0.9988	0.9894	0.9965	0.4834	0.9950	0.9968	0.9971
8.8	0.9880	0.9978	0.9712	0.9930	0.3664	0.9830	0.9944	0.9967
8.9	0.9820	0.9978	0.9605	0.9904	0.3588	0.9755	0.9915	0.9964
9.0	0.9660	0.9976	0.9476	0.9814	0.4926	0.9607	0.9844	0.9962
9.1	0.9827	0.9972	0.9791	0.9883	0.3904	0.9820	0.9906	0.9939
9.2	0.9279	0.9941	0.9144	0.9516	0.2530	0.9219	0.9579	0.9905
9.3	0.9252	0.9953	0.9279	0.9369	0.3614	0.9263	0.9437	0.9885
9.4	0.9478	0.9966	0.9605	0.9438	0.5447	0.9535	0.9474	0.9897
9.5	0.9640	0.9970	0.9787	0.9476	0.4613	0.9713	0.9503	0.9852
9.6	0.9707	0.9965	0.9881	0.9375	0.3927	0.9805	0.9399	0.9819
9.7	0.9740	0.9968	0.9927	0.9058	0.4919	0.9857	0.9214	0.9849
9.8	0.9875	0.9971	0.9971	0.9376	0.5578	0.9939	0.9552	0.9883
9.9	0.9878	0.9970	0.9984	0.9280	0.5999	0.9958	0.9631	0.9895
10.0	0.9888	0.9965	0.9991	0.9436	0.6736	0.9970	0.9764	0.9882
10.1	0.9869	0.9952	0.9989	0.9456	0.6074	0.9968	0.9761	0.9830
10.2	0.9794	0.9946	0.9988	0.9506	0.6254	0.9971	0.9743	0.9816
10.3	0.9881	0.9959	0.9991	0.9772	0.6249	0.9988	0.9876	0.9874
10.4	0.9917	0.9965	0.9989	0.9866	0.6703	0.9993	0.9926	0.9897
10.5	0.9915	0.9978	0.9990	0.9877	0.7523	0.9992	0.9939	0.9933
10.6	0.9838	0.9973	0.9980	0.9849	0.6567	0.9987	0.9912	0.9934
10.7	0.9875	0.9973	0.9981	0.9899	0.6754	0.9988	0.9945	0.9926
10.8	0.9865	0.9972	0.9984	0.9903	0.6930	0.9990	0.9944	0.9926
10.9	0.9859	0.9981	0.9977	0.9915	0.6606	0.9990	0.9938	0.9936
11.0	0.9736	0.9975	0.9955	0.9881	0.6625	0.9988	0.9918	0.9902
11.1	0.9782	0.9985	0.9977	0.9930	0.6387	0.9992	0.9960	0.9948
11.2	0.9758	0.9989	0.9965	0.9943	0.6388	0.9993	0.9960	0.9952
11.3	0.9688	0.9982	0.9940	0.9929	0.6924	0.9989	0.9947	0.9930
11.4	0.9638	0.9980	0.9951	0.9933	0.7224	0.9988	0.9960	0.9941
11.5	0.9704	0.9986	0.9945	0.9955	0.7728	0.9990	0.9968	0.9953
11.6	0.9702	0.9987	0.9929	0.9961	0.7465	0.9988	0.9968	0.9959
11.7	0.9732	0.9986	0.9943	0.9968	0.8045	0.9986	0.9972	0.9964
11.8	0.9612	0.9986	0.9939	0.9956	0.7563	0.9985	0.9967	0.9964
11.9	0.9635	0.9988	0.9946	0.9964	0.7551	0.9990	0.9978	0.9966
12.0	0.9700	0.9981	0.9916	0.9960	0.7416	0.9988	0.9968	0.9965
12.1	0.9693	0.9973	0.9870	0.9950	0.7058	0.9983	0.9963	0.9940
12.2	0.9800	0.9978	0.9917	0.9956	0.7878	0.9989	0.9973	0.9944
12.3	0.9785	0.9974	0.9921	0.9947	0.7663	0.9988	0.9970	0.9913
12.4	0.9658	0.9951	0.9895	0.9940	0.8071	0.9979	0.9961	0.9871
12.5	0.9587	0.9926	0.9889	0.9905	0.8184	0.9970	0.9955	0.9808
12.6	0.9615	0.9917	0.9900	0.9890	0.8762	0.9973	0.9966	0.9790
12.7	0.9628	0.9896	0.9900	0.9889	0.8816	0.9966	0.9968	0.9783
12.8	0.9665	0.9880	0.9895	0.9882	0.8951	0.9960	0.9965	0.9777
12.9	0.9612	0.9856	0.9877	0.9842	0.9199	0.9944	0.9949	0.9751
13.0	0.9687	0.9823	0.9813	0.9836	0.9450	0.9918	0.9941	0.9759
13.1	0.9671	0.9787	0.9780	0.9786	0.9262	0.9883	0.9894	0.9733
13.2	0.9729	0.9758	0.9675	0.9816	0.9490	0.9864	0.9865	0.9742
13.3	0.9691	0.9677	0.9525	0.9794	0.9283	0.9810	0.9826	0.9660
13.4	0.9364	0.9316	0.9123	0.9566	0.9081	0.9613	0.9689	0.9323
13.5	0.9492	0.9471	0.9377	0.9643	0.9283	0.9702	0.9773	0.9452
13.6	0.9439	0.9385	0.9357	0.9617	0.9088	0.9622	0.9751	0.9346
13.7	0.9500	0.9362	0.9348	0.9661	0.9129	0.9611	0.9769	0.9333
13.8	0.9754	0.9556	0.9627	0.9785	0.9489	0.9661	0.9839	0.9491
13.9	0.9852	0.9709	0.9684	0.9886	0.9563	0.9800	0.9744	0.9660
14.0	0.9831	0.9820	0.9816	0.9844	0.9674	0.9817	0.9792	0.9780
14.1	0.9646	0.9757	0.9590	0.9645	0.9447	0.9590	0.9522	0.9684
14.2	0.9497	0.9808	0.9543	0.9594	0.9458	0.9663	0.9524	0.9732
14.3	0.9159	0.9719	0.9189	0.9359	0.9019	0.9510	0.9244	0.9545
14.4	0.8870	0.9757	0.8945	0.9236	0.8967	0.9490	0.9118	0.9522
14.5	0.9376	0.9872	0.9295	0.9588	0.8635	0.9739	0.9513	0.9692
14.6	0.9419	0.9921	0.9342	0.9644	0.7856	0.9826	0.9588	0.9829
14.7	0.9505	0.9939	0.9587	0.9768	0.7677	0.9915	0.9733	0.9899
14.8	0.9333	0.9856	0.9432	0.9739	0.7364	0.9860	0.9684	0.9936
14.9	0.9598	0.9852	0.9654	0.9856	0.8410	0.9918	0.9830	0.9953
15.0	0.9681	0.9801	0.9765	0.9903	0.8724	0.9912	0.9881	0.9943
15.1	0.9717	0.9870	0.9827	0.9917	0.9292	0.9917	0.9895	0.9964
15.2	0.9730	0.9948	0.9846	0.9924	0.9457	0.9933	0.9901	0.9965
15.3	0.9716	0.9974	0.9901	0.9944	0.9469	0.9962	0.9932	0.9962
15.4	0.9687	0.9977	0.9888	0.9930	0.9475	0.9948	0.9912	0.9946
15.5	0.9616	0.9990	0.9906	0.9940	0.9616	0.9959	0.9915	0.9964
15.6	0.9655	0.9991	0.9922	0.9947	0.9704	0.9971	0.9934	0.9962
15.7	0.9726	0.9990	0.9931	0.9955	0.9556	0.9971	0.9937	0.9964
15.8	0.9766	0.9988	0.9924	0.9959	0.9489	0.9969	0.9939	0.9961
15.9	0.9663	0.9987	0.9933	0.9951	0.9572	0.9978	0.9921	0.9969
16.0	0.9599	0.9986	0.9955	0.9956	0.9516	0.9984	0.9935	0.9970
16.1	0.9622	0.9983	0.9947	0.9966	0.9273	0.9980	0.9949	0.9965
16.2	0.9707	0.9978	0.9945	0.9971	0.9245	0.9973	0.9957	0.9970
16.3	0.9796	0.9962	0.9926	0.9968	0.8869	0.9969	0.9941	0.9965
16.4	0.9800	0.9939	0.9915	0.9968	0.8948	0.9970	0.9934	0.9959
16.5	0.9716	0.9935	0.9878	0.9958	0.9145	0.9966	0.9919	0.9945

16.6	0.9715	0.9936	0.9882	0.9965	0.9038	0.9981	0.9931	0.9950
16.7	0.9639	0.9908	0.9885	0.9954	0.8352	0.9979	0.9936	0.9922
16.8	0.9417	0.9847	0.9872	0.9950	0.7308	0.9974	0.9921	0.9873
16.9	0.9554	0.9874	0.9863	0.9957	0.8851	0.9966	0.9920	0.9907
17.0	0.9581	0.9875	0.9827	0.9960	0.9211	0.9961	0.9934	0.9936
17.1	0.9497	0.9763	0.9697	0.9937	0.9080	0.9889	0.9928	0.9882
17.2	0.9506	0.9877	0.9836	0.9957	0.9141	0.9967	0.9938	0.9915
17.3	0.9319	0.9894	0.9878	0.9950	0.8780	0.9977	0.9929	0.9917
17.4	0.9370	0.9908	0.9912	0.9952	0.8087	0.9978	0.9931	0.9918
17.5	0.9472	0.9928	0.9922	0.9953	0.8580	0.9977	0.9935	0.9907
17.6	0.9463	0.9931	0.9914	0.9942	0.8405	0.9974	0.9930	0.9901
17.7	0.9212	0.9870	0.9833	0.9901	0.7595	0.9952	0.9866	0.9842
17.8	0.9402	0.9817	0.9794	0.9921	0.7712	0.9938	0.9902	0.9809
17.9	0.9302	0.9716	0.9752	0.9904	0.7567	0.9929	0.9886	0.9742
18.0	0.9046	0.9705	0.9782	0.9911	0.6499	0.9937	0.9900	0.9649
18.1	0.8582	0.9612	0.9691	0.9871	0.6132	0.9910	0.9850	0.9569
18.2	0.8324	0.9604	0.9648	0.9838	0.5172	0.9908	0.9786	0.9462
18.3	0.7942	0.9512	0.9569	0.9776	0.3707	0.9862	0.9741	0.9201
18.4	0.7626	0.9601	0.9443	0.9651	0.5094	0.9810	0.9639	0.9143
18.5	0.7713	0.9430	0.9593	0.9692	0.6196	0.9662	0.9691	0.9165
18.6	0.8512	0.9435	0.9638	0.9821	0.7319	0.9613	0.9803	0.9164
18.7	0.8460	0.9366	0.9415	0.9820	0.6782	0.9814	0.9753	0.8988
18.8	0.7916	0.9376	0.9420	0.9790	0.4851	0.9859	0.9697	0.8514
18.9	0.7724	0.9121	0.9337	0.9727	0.5160	0.9770	0.9486	0.7972
19.0	0.7399	0.8967	0.9135	0.9680	0.5673	0.9736	0.9338	0.6483
19.1	0.6303	0.8865	0.8932	0.9655	0.3769	0.9772	0.8843	0.5093
19.2	0.6508	0.8830	0.8719	0.9606	0.2951	0.9805	0.8842	0.4215
19.3	0.6802	0.8741	0.8550	0.9531	0.2653	0.9836	0.8453	0.0981
19.4	0.7741	0.8397	0.8445	0.9470	0.2835	0.9888	0.8440	0.0065
19.5	0.7755	0.8032	0.8405	0.9230	0.1264	0.9830	0.8288	0.0329
19.6	0.7687	0.7120	0.8442	0.9278	0.1900	0.9823	0.7239	0.1451
19.7	0.7746	0.6106	0.8004	0.8675	0.1561	0.9764	0.4795	0.1192
19.8	0.7751	0.4076	0.7950	0.7871	0.0776	0.9717	0.4400	0.1449
19.9	0.8122	0.3732	0.8227	0.7072	0.0327	0.9644	0.2959	0.3009
20.0	0.7907	0.2925	0.7636	0.6071	0.0080	0.9509	0.2519	0.4292
20.1	0.7765	0.2916	0.7416	0.4045	0.0143	0.9467	0.4885	0.3642
20.2	0.8256	0.4236	0.8004	0.2216	0.0226	0.9557	0.6601	0.2558
20.3	0.8294	0.4687	0.7958	0.1864	0.0202	0.9537	0.7050	0.3344
20.4	0.7832	0.4108	0.7591	0.2516	0.0428	0.9443	0.7589	0.3578
20.5	0.7912	0.5066	0.7593	0.5246	0.0994	0.9586	0.8350	0.3226
20.6	0.6976	0.4488	0.7233	0.6045	0.0033	0.9409	0.8288	0.1727
20.7	0.6260	0.2926	0.7315	0.5990	0.0866	0.9053	0.8085	0.1994
20.8	0.6510	0.2922	0.7091	0.6131	0.1583	0.8987	0.8174	0.2630
20.9	0.5725	0.3045	0.6282	0.5617	0.0669	0.8659	0.7347	0.2088
21.0	0.6143	0.6332	0.6850	0.7422	0.3013	0.8697	0.7650	0.2940
21.1	0.6729	0.7019	0.7330	0.7889	0.3196	0.8472	0.7980	0.3524
21.2	0.6768	0.6125	0.7191	0.7412	0.2831	0.8261	0.7694	0.4584
21.3	0.6766	0.5965	0.6738	0.7020	0.4442	0.8312	0.7899	0.5129
21.4	0.7579	0.6585	0.7768	0.7213	0.5196	0.8480	0.8559	0.6376
21.5	0.8488	0.7164	0.7249	0.7291	0.5165	0.8090	0.8800	0.7538
21.6	0.8063	0.6541	0.6527	0.7038	0.4679	0.7661	0.8352	0.7146
21.7	0.8920	0.7459	0.6707	0.6941	0.5644	0.7956	0.9095	0.8663
21.8	0.9236	0.7490	0.6589	0.6625	0.4941	0.7550	0.9220	0.9063
21.9	0.9486	0.8340	0.7558	0.7864	0.4301	0.7945	0.9489	0.9412
22.0	0.9464	0.7707	0.6540	0.7223	0.4224	0.6646	0.9141	0.9340
22.1	0.9339	0.7474	0.6533	0.7644	0.5472	0.6517	0.9268	0.9181
22.2	0.9426	0.7804	0.6994	0.8269	0.6375	0.7314	0.9382	0.9324
22.3	0.9553	0.8095	0.7238	0.8219	0.5713	0.7104	0.9217	0.9446
22.4	0.9701	0.8413	0.7395	0.8272	0.6745	0.7275	0.9546	0.9333
22.5	0.9706	0.8641	0.7769	0.8619	0.7157	0.7800	0.9514	0.9334
22.6	0.9684	0.8673	0.7714	0.8690	0.7809	0.7951	0.9522	0.9303
22.7	0.9780	0.9111	0.8637	0.9123	0.8479	0.8858	0.9685	0.9479
22.8	0.9784	0.9268	0.8995	0.9076	0.8195	0.8740	0.9699	0.9293
22.9	0.9800	0.9441	0.9118	0.8926	0.8127	0.8888	0.9700	0.9083
23.0	0.9876	0.9589	0.9222	0.9020	0.8616	0.9169	0.9827	0.8657
23.1	0.9877	0.9736	0.9288	0.9143	0.9024	0.9146	0.9856	0.8692
23.2	0.9866	0.9724	0.9152	0.8595	0.8719	0.8819	0.9849	0.8222
23.3	0.9828	0.9687	0.9030	0.8040	0.8517	0.8288	0.9849	0.7550
23.4	0.9893	0.9797	0.9173	0.7889	0.8696	0.8482	0.9859	0.7056
23.5	0.9888	0.9854	0.9186	0.7654	0.8932	0.8586	0.9893	0.7004
23.6	0.9906	0.9839	0.8976	0.6378	0.8820	0.7902	0.9919	0.6542
23.7	0.9902	0.9882	0.8880	0.6622	0.9000	0.7937	0.9917	0.7105
23.8	0.9895	0.9830	0.8793	0.4930	0.8480	0.7457	0.9911	0.6185
23.9	0.9927	0.9886	0.8724	0.6810	0.8409	0.6608	0.9933	0.6297
24.0	0.9933	0.9894	0.8672	0.7789	0.8249	0.5963	0.9936	0.6740
24.1	0.9917	0.9862	0.8601	0.8154	0.7962	0.4231	0.9934	0.6180
24.2	0.9882	0.9787	0.8778	0.8144	0.7536	0.2768	0.9927	0.5468
24.3	0.9841	0.9779	0.8399	0.8592	0.7637	0.2258	0.9934	0.5794
24.4	0.9872	0.9842	0.8338	0.8948	0.8090	0.2693	0.9951	0.5929
24.5	0.9902	0.9867	0.8067	0.9151	0.7771	0.2788	0.9949	0.7019
24.6	0.9917	0.9889	0.7984	0.9544	0.8181	0.3867	0.9960	0.7567
24.7	0.9937	0.9920	0.8096	0.9683	0.8166	0.5261	0.9967	0.7305
24.8	0.9950	0.9918	0.7744	0.9740	0.7991	0.5371	0.9963	0.7621
24.9	0.9947	0.9923	0.6767	0.9699	0.6867	0.5037	0.9960	0.7987
25.0	0.9942	0.9879	0.6714	0.9736	0.6276	0.5922	0.9958	0.7983
25.1	0.9946	0.9905	0.7015	0.9858	0.8577	0.7253	0.9976	0.8685

25.2	0.9951	0.9926	0.7376	0.9872	0.8512	0.7982	0.9973	0.9148
25.3	0.9948	0.9910	0.7326	0.9867	0.8456	0.8289	0.9966	0.8838
25.4	0.9931	0.9913	0.6891	0.9857	0.6823	0.8355	0.9964	0.8638
25.5	0.9922	0.9879	0.7292	0.9851	0.5587	0.8252	0.9967	0.8787
25.6	0.9922	0.9871	0.7240	0.9896	0.6807	0.8787	0.9971	0.8810
25.7	0.9934	0.9887	0.8027	0.9895	0.7115	0.9229	0.9974	0.9060
25.8	0.9968	0.9924	0.8890	0.9920	0.7328	0.9612	0.9978	0.9286
25.9	0.9969	0.9902	0.8868	0.9933	0.7479	0.9555	0.9973	0.9197
26.0	0.9965	0.9916	0.8842	0.9934	0.6681	0.9635	0.9980	0.9414
26.1	0.9962	0.9902	0.9122	0.9929	0.6669	0.9619	0.9973	0.9464
26.2	0.9954	0.9906	0.9311	0.9914	0.6316	0.9724	0.9970	0.9519
26.3	0.9957	0.9917	0.9526	0.9921	0.4864	0.9836	0.9971	0.9562
26.4	0.9958	0.9903	0.9517	0.9941	0.5312	0.9827	0.9972	0.9709
26.5	0.9966	0.9887	0.9559	0.9932	0.5230	0.9841	0.9978	0.9735
26.6	0.9974	0.9877	0.9708	0.9952	0.5831	0.9899	0.9983	0.9800
26.7	0.9972	0.9845	0.9727	0.9943	0.5394	0.9897	0.9982	0.9824
26.8	0.9971	0.9862	0.9810	0.9941	0.4798	0.9887	0.9986	0.9837
26.9	0.9974	0.9845	0.9779	0.9949	0.3387	0.9882	0.9984	0.9828
27.0	0.9961	0.9829	0.9788	0.9932	0.1976	0.9861	0.9976	0.9753
27.1	0.9957	0.9755	0.9720	0.9925	0.0630	0.9821	0.9969	0.9798
27.2	0.9968	0.9827	0.9806	0.9949	0.0358	0.9871	0.9978	0.9864
27.3	0.9965	0.9866	0.9810	0.9931	0.2673	0.9891	0.9980	0.9861
27.4	0.9975	0.9871	0.9827	0.9931	0.4929	0.9877	0.9983	0.9886
27.5	0.9972	0.9877	0.9861	0.9935	0.5302	0.9875	0.9985	0.9921
27.6	0.9976	0.9923	0.9896	0.9915	0.5926	0.9888	0.9987	0.9949
27.7	0.9972	0.9919	0.9801	0.9881	0.4178	0.9890	0.9983	0.9923
27.8	0.9964	0.9925	0.9825	0.9805	0.5234	0.9845	0.9979	0.9897
27.9	0.9960	0.9896	0.9762	0.9742	0.6235	0.9817	0.9981	0.9903
28.0	0.9966	0.9938	0.9845	0.9843	0.5697	0.9858	0.9989	0.9945
28.1	0.9969	0.9954	0.9844	0.9880	0.5998	0.9838	0.9989	0.9944
28.2	0.9975	0.9953	0.9811	0.9880	0.5392	0.9831	0.9988	0.9940
28.3	0.9974	0.9960	0.9794	0.9837	0.6354	0.9854	0.9988	0.9932
28.4	0.9976	0.9959	0.9753	0.9838	0.6487	0.9769	0.9989	0.9945
28.5	0.9969	0.9957	0.9681	0.9833	0.6953	0.9679	0.9986	0.9939
28.6	0.9965	0.9951	0.9719	0.9875	0.6233	0.9718	0.9988	0.9932
28.7	0.9966	0.9960	0.9676	0.9874	0.4791	0.9690	0.9988	0.9944
28.8	0.9973	0.9953	0.9648	0.9875	0.5942	0.9641	0.9990	0.9950
28.9	0.9974	0.9956	0.9596	0.9886	0.5900	0.9544	0.9990	0.9940
29.0	0.9967	0.9944	0.9612	0.9867	0.4772	0.9182	0.9987	0.9936
29.1	0.9975	0.9955	0.9710	0.9892	0.5684	0.9293	0.9989	0.9944
29.2	0.9951	0.9931	0.9565	0.9841	0.4397	0.8762	0.9983	0.9920
29.3	0.9949	0.9947	0.9618	0.9860	0.5723	0.8084	0.9986	0.9943
29.4	0.9926	0.9944	0.9579	0.9803	0.7325	0.7779	0.9986	0.9931
29.5	0.9943	0.9946	0.9619	0.9840	0.7651	0.7528	0.9986	0.9942
29.6	0.9965	0.9955	0.9674	0.9859	0.6817	0.6013	0.9989	0.9950
29.7	0.9959	0.9955	0.9558	0.9820	0.6406	0.3800	0.9987	0.9937
29.8	0.9953	0.9948	0.9527	0.9863	0.6541	0.3579	0.9989	0.9939
29.9	0.9941	0.9914	0.9415	0.9860	0.6173	0.3093	0.9985	0.9945
30.0	0.9916	0.9859	0.9394	0.9749	0.6431	0.2547	0.9980	0.9917
30.1	0.9928	0.9927	0.9348	0.9753	0.6267	0.4149	0.9986	0.9924
30.2	0.9947	0.9917	0.9430	0.9714	0.6339	0.4790	0.9983	0.9901
30.3	0.9954	0.9943	0.9318	0.9660	0.5240	0.6300	0.9984	0.9899
30.4	0.9967	0.9940	0.9317	0.9699	0.5148	0.8104	0.9977	0.9886
30.5	0.9979	0.9944	0.9466	0.9707	0.6167	0.9235	0.9980	0.9896
30.6	0.9971	0.9916	0.9190	0.9618	0.5943	0.9225	0.9969	0.9869
30.7	0.9955	0.9919	0.8951	0.9612	0.5805	0.9325	0.9964	0.9835
30.8	0.9959	0.9926	0.9277	0.9763	0.6421	0.9463	0.9967	0.9853
30.9	0.9962	0.9938	0.9391	0.9813	0.7443	0.9693	0.9972	0.9884
31.0	0.9960	0.9903	0.9210	0.9698	0.7519	0.9661	0.9964	0.9851
31.1	0.9951	0.9922	0.9236	0.9809	0.8186	0.9726	0.9963	0.9881
31.2	0.9951	0.9924	0.9171	0.9827	0.8336	0.9757	0.9963	0.9881
31.3	0.9954	0.9913	0.9246	0.9763	0.8127	0.9754	0.9959	0.9835
31.4	0.9952	0.9884	0.9258	0.9812	0.8374	0.9747	0.9940	0.9827
31.5	0.9959	0.9892	0.9276	0.9825	0.7832	0.9766	0.9945	0.9834
31.6	0.9932	0.9891	0.9214	0.9828	0.8861	0.9729	0.9926	0.9787
31.7	0.9923	0.9902	0.9313	0.9824	0.9085	0.9771	0.9916	0.9732
31.8	0.9938	0.9907	0.9466	0.9864	0.8735	0.9802	0.9924	0.9765
31.9	0.9923	0.9800	0.9279	0.9821	0.8215	0.9630	0.9881	0.9664
32.0	0.9927	0.9795	0.9202	0.9846	0.7999	0.9632	0.9883	0.9616
32.1	0.9888	0.9745	0.9128	0.9790	0.8342	0.9567	0.9881	0.9546
32.2	0.9934	0.9856	0.9502	0.9902	0.9088	0.9785	0.9897	0.9736
32.3	0.9898	0.9787	0.9287	0.9857	0.8989	0.9654	0.9834	0.9608
32.4	0.9913	0.9790	0.9376	0.9843	0.8959	0.9686	0.9829	0.9547
32.5	0.9926	0.9790	0.9422	0.9855	0.9004	0.9719	0.9874	0.9622
32.6	0.9904	0.9772	0.9347	0.9849	0.9216	0.9670	0.9848	0.9545
32.7	0.9902	0.9716	0.9268	0.9845	0.9187	0.9578	0.9866	0.9475
32.8	0.9896	0.9684	0.9165	0.9859	0.9025	0.9499	0.9837	0.9531
32.9	0.9886	0.9689	0.9173	0.9874	0.8999	0.9486	0.9843	0.9533
33.0	0.9888	0.9678	0.9124	0.9847	0.9092	0.9542	0.9867	0.9390
33.1	0.9878	0.9561	0.8987	0.9799	0.8805	0.9453	0.9836	0.9093
33.2	0.9870	0.9495	0.8878	0.9779	0.8512	0.9444	0.9807	0.8748
33.3	0.9888	0.9619	0.9068	0.9861	0.8913	0.9546	0.9849	0.9183
33.4	0.9871	0.9328	0.8491	0.9826	0.7679	0.9210	0.9803	0.8790
33.5	0.9880	0.9434	0.8764	0.9825	0.6821	0.9335	0.9830	0.8516
33.6	0.9839	0.9283	0.8602	0.9787	0.7344	0.9222	0.9817	0.8347
33.7	0.9879	0.9370	0.8809	0.9852	0.7358	0.9271	0.9845	0.8882

33.8	0.9846	0.9267	0.8518	0.9838	0.5332	0.9026	0.9800	0.8531
33.9	0.9799	0.8945	0.7760	0.9802	0.5059	0.8585	0.9734	0.8572
34.0	0.9780	0.9074	0.7846	0.9806	0.5730	0.8768	0.9732	0.8206
34.1	0.9871	0.9521	0.8702	0.9900	0.6852	0.9326	0.9856	0.8615
34.2	0.9742	0.9354	0.8460	0.9805	0.6391	0.8998	0.9704	0.8433
34.3	0.9633	0.9369	0.8791	0.9731	0.7532	0.9007	0.9591	0.8767
34.4	0.9713	0.9516	0.9193	0.9810	0.8291	0.9291	0.9660	0.9098
34.5	0.9696	0.9577	0.9349	0.9737	0.8163	0.9382	0.9645	0.9280
34.6	0.9515	0.9441	0.9267	0.9661	0.8597	0.9159	0.9435	0.9105
34.7	0.9448	0.9446	0.9370	0.9627	0.8466	0.9156	0.9346	0.9247
34.8	0.9760	0.9758	0.9753	0.9800	0.8584	0.9689	0.9706	0.9693
34.9	0.9762	0.9764	0.9781	0.9796	0.8338	0.9703	0.9713	0.9752
35.0	0.9694	0.9694	0.9743	0.9802	0.8683	0.9641	0.9601	0.9649
35.1	0.9625	0.9682	0.9741	0.9772	0.8720	0.9646	0.9488	0.9617
35.2	0.9542	0.9575	0.9693	0.9756	0.7893	0.9638	0.9304	0.9510
35.3	0.9593	0.9708	0.9802	0.9788	0.7527	0.9749	0.9303	0.9605
35.4	0.9488	0.9619	0.9774	0.9730	0.7632	0.9705	0.8918	0.9516
35.5	0.9279	0.9525	0.9744	0.9628	0.7320	0.9725	0.8174	0.9431
35.6	0.9296	0.9511	0.9756	0.9597	0.6058	0.9779	0.7650	0.9416
35.7	0.8992	0.9265	0.9676	0.9441	0.4231	0.9729	0.5401	0.9037
35.8	0.8978	0.9191	0.9677	0.9448	0.3096	0.9625	0.6241	0.9047
35.9	0.9003	0.9173	0.9704	0.9507	0.1894	0.9564	0.7635	0.9032
36.0	0.9222	0.9369	0.9801	0.9579	0.1836	0.9746	0.8845	0.9200
36.1	0.8971	0.8983	0.9709	0.9378	0.1379	0.9730	0.8870	0.8566
36.2	0.9294	0.8591	0.9649	0.9520	0.1026	0.9649	0.9329	0.8504
36.3	0.9615	0.8606	0.9748	0.9719	0.0766	0.9655	0.9605	0.8529
36.4	0.9706	0.8485	0.9810	0.9787	0.2029	0.9764	0.9737	0.8379
36.5	0.9599	0.7930	0.9755	0.9717	0.1947	0.9683	0.9725	0.8197
36.6	0.9681	0.7818	0.9760	0.9749	0.1396	0.9621	0.9756	0.8331
36.7	0.9780	0.7694	0.9820	0.9826	0.1472	0.9707	0.9805	0.8497
36.8	0.9750	0.6615	0.9820	0.9814	0.1891	0.9553	0.9774	0.8211
36.9	0.9800	0.5930	0.9774	0.9867	0.2938	0.9401	0.9812	0.8331
37.0	0.9823	0.5945	0.9802	0.9868	0.3737	0.9530	0.9844	0.8589
37.1	0.9867	0.7585	0.9841	0.9887	0.4758	0.9562	0.9886	0.8968
37.2	0.9895	0.8332	0.9846	0.9910	0.5073	0.9635	0.9906	0.8822
37.3	0.9874	0.8349	0.9835	0.9895	0.4231	0.9425	0.9883	0.8611
37.4	0.9843	0.8127	0.9775	0.9871	0.4737	0.8705	0.9855	0.8667
37.5	0.9898	0.8718	0.9742	0.9908	0.4913	0.8564	0.9898	0.8951
37.6	0.9869	0.8824	0.9776	0.9887	0.3816	0.8159	0.9880	0.9010
37.7	0.9881	0.9136	0.9807	0.9889	0.4982	0.7734	0.9886	0.9082
37.8	0.9899	0.9327	0.9820	0.9914	0.4222	0.7694	0.9898	0.9248
37.9	0.9854	0.9545	0.9790	0.9873	0.4430	0.6888	0.9865	0.9046
38.0	0.9889	0.9612	0.9799	0.9901	0.5536	0.6738	0.9895	0.9067
38.1	0.9862	0.9560	0.9742	0.9893	0.4927	0.6376	0.9883	0.8785
38.2	0.9876	0.9623	0.9757	0.9905	0.5399	0.5849	0.9884	0.9022
38.3	0.9910	0.9661	0.9809	0.9922	0.5112	0.6512	0.9910	0.8809
38.4	0.9943	0.9754	0.9880	0.9948	0.5091	0.6416	0.9937	0.9167
38.5	0.9906	0.9672	0.9862	0.9930	0.2653	0.6128	0.9927	0.8935
38.6	0.9884	0.9712	0.9799	0.9903	0.4008	0.6938	0.9888	0.8635
38.7	0.9917	0.9711	0.9804	0.9926	0.4487	0.7548	0.9893	0.8612
38.8	0.9930	0.9724	0.9779	0.9935	0.4786	0.7538	0.9903	0.8208
38.9	0.9922	0.9742	0.9797	0.9923	0.3045	0.8390	0.9907	0.8023
39.0	0.9939	0.9811	0.9827	0.9937	0.2966	0.8721	0.9925	0.7611
39.1	0.9940	0.9804	0.9853	0.9938	0.2530	0.8933	0.9926	0.7101
39.2	0.9933	0.9803	0.9842	0.9930	0.2964	0.8987	0.9895	0.6147
39.3	0.9951	0.9801	0.9822	0.9939	0.2289	0.9228	0.9904	0.6609
39.4	0.9958	0.9745	0.9824	0.9944	0.3226	0.9228	0.9922	0.6487
39.5	0.9948	0.9696	0.9793	0.9934	0.1451	0.9101	0.9906	0.5445
39.6	0.9961	0.9770	0.9792	0.9950	0.1807	0.9296	0.9929	0.6413
39.7	0.9960	0.9760	0.9794	0.9951	0.1774	0.9457	0.9939	0.7097
39.8	0.9955	0.9690	0.9748	0.9939	0.2370	0.9253	0.9920	0.6723
39.9	0.9965	0.9750	0.9836	0.9946	0.2140	0.9100	0.9933	0.6532
40.0	0.9966	0.9704	0.9788	0.9946	0.1010	0.9162	0.9921	0.6110
40.1	0.9963	0.9651	0.9788	0.9951	0.0971	0.9365	0.9924	0.6381
40.2	0.9968	0.9597	0.9752	0.9953	0.1060	0.9339	0.9933	0.6655
40.3	0.9970	0.9652	0.9732	0.9953	0.2272	0.9415	0.9932	0.6976
40.4	0.9969	0.9678	0.9815	0.9955	0.2580	0.9471	0.9933	0.6964
40.5	0.9979	0.9560	0.9848	0.9956	0.3128	0.9319	0.9939	0.6927
40.6	0.9972	0.9590	0.9822	0.9941	0.2108	0.9186	0.9897	0.7774
40.7	0.9961	0.9501	0.9747	0.9932	0.1281	0.9284	0.9904	0.8308
40.8	0.9967	0.9453	0.9748	0.9936	0.1818	0.9227	0.9900	0.7876
40.9	0.9970	0.9487	0.9766	0.9941	0.1782	0.9144	0.9914	0.7968
41.0	0.9973	0.9426	0.9792	0.9956	0.3153	0.9377	0.9939	0.8544
41.1	0.9972	0.9250	0.9830	0.9958	0.3046	0.9347	0.9917	0.7872
41.2	0.9961	0.9093	0.9768	0.9939	0.3184	0.8998	0.9881	0.7535
41.3	0.9960	0.9206	0.9740	0.9942	0.2160	0.8963	0.9891	0.8493
41.4	0.9967	0.9225	0.9746	0.9951	0.3193	0.9197	0.9885	0.8476
41.5	0.9974	0.9077	0.9792	0.9960	0.3862	0.9415	0.9926	0.8614
41.6	0.9966	0.8482	0.9760	0.9950	0.4209	0.9061	0.9906	0.8487
41.7	0.9968	0.8544	0.9799	0.9949	0.3598	0.8733	0.9871	0.8207
41.8	0.9966	0.8926	0.9808	0.9950	0.3071	0.8950	0.9903	0.8139
41.9	0.9963	0.8489	0.9759	0.9942	0.1870	0.8763	0.9892	0.6908
42.0	0.9970	0.8570	0.9732	0.9942	0.1996	0.8612	0.9880	0.7066
42.1	0.9961	0.8001	0.9727	0.9946	0.3216	0.8253	0.9876	0.7640
42.2	0.9963	0.7896	0.9658	0.9953	0.3169	0.7711	0.9850	0.7959
42.3	0.9968	0.7726	0.9674	0.9951	0.2810	0.7797	0.9862	0.7764

42.4	0.9959	0.8279	0.9695	0.9951	0.3540	0.8136	0.9864	0.8096
42.5	0.9962	0.8888	0.9708	0.9951	0.3335	0.8250	0.9881	0.7705
42.6	0.9966	0.9014	0.9714	0.9956	0.4627	0.7557	0.9882	0.7729
42.7	0.9972	0.8750	0.9774	0.9966	0.5603	0.8521	0.9914	0.8079
42.8	0.9974	0.8682	0.9752	0.9955	0.6331	0.8644	0.9936	0.8171
42.9	0.9977	0.9062	0.9727	0.9951	0.5808	0.8732	0.9920	0.7404
43.0	0.9975	0.8434	0.9660	0.9958	0.4054	0.8776	0.9890	0.7423
43.1	0.9971	0.8090	0.9704	0.9967	0.3703	0.8915	0.9912	0.7411
43.2	0.9979	0.8311	0.9727	0.9978	0.4717	0.8939	0.9943	0.7122
43.3	0.9980	0.8033	0.9597	0.9972	0.3796	0.8978	0.9913	0.6174
43.4	0.9989	0.7185	0.9641	0.9979	0.1697	0.9136	0.9942	0.6033
43.5	0.9985	0.6866	0.9698	0.9978	0.1527	0.9396	0.9952	0.6890
43.6	0.9974	0.7301	0.9711	0.9967	0.2947	0.9404	0.9946	0.6739
43.7	0.9977	0.8449	0.9658	0.9975	0.3798	0.9381	0.9955	0.6757
43.8	0.9982	0.8611	0.9504	0.9984	0.5078	0.9516	0.9960	0.7826
43.9	0.9985	0.8575	0.9621	0.9982	0.4491	0.9635	0.9949	0.8173
44.0	0.9977	0.7771	0.9487	0.9974	0.2371	0.9548	0.9934	0.6752
44.1	0.9982	0.7501	0.9612	0.9978	0.2869	0.9653	0.9947	0.8198
44.2	0.9982	0.7489	0.9621	0.9973	0.2275	0.9535	0.9908	0.7821
44.3	0.9982	0.7581	0.9633	0.9979	0.3269	0.9602	0.9935	0.7894
44.4	0.9981	0.8267	0.9543	0.9983	0.4190	0.9513	0.9957	0.7252
44.5	0.9987	0.8392	0.9386	0.9982	0.4691	0.9389	0.9953	0.7174
44.6	0.9982	0.8055	0.9343	0.9977	0.3531	0.9313	0.9938	0.7790
44.7	0.9981	0.7577	0.9296	0.9977	0.3875	0.9196	0.9936	0.7701
44.8	0.9983	0.7073	0.9353	0.9976	0.2910	0.9256	0.9929	0.6999
44.9	0.9987	0.4996	0.9428	0.9981	0.3229	0.9382	0.9940	0.5097
45.0	0.9989	0.4378	0.9539	0.9983	0.3704	0.9367	0.9936	0.4737
45.1	0.9982	0.5042	0.8970	0.9976	0.2038	0.9021	0.9897	0.2787
45.2	0.9977	0.2334	0.8639	0.9966	0.1301	0.8814	0.9900	0.0962
45.3	0.9975	0.3078	0.8770	0.9973	0.1939	0.8538	0.9912	0.2847
45.4	0.9975	0.3824	0.8330	0.9980	0.1835	0.8728	0.9929	0.4174
45.5	0.9973	0.3347	0.8801	0.9976	0.2313	0.9326	0.9940	0.3607
45.6	0.9982	0.4668	0.9060	0.9982	0.3367	0.9371	0.9952	0.4589
45.7	0.9976	0.3645	0.8738	0.9977	0.3167	0.9353	0.9919	0.3991
45.8	0.9979	0.4167	0.8486	0.9976	0.2586	0.9300	0.9921	0.2656
45.9	0.9986	0.5530	0.8621	0.9982	0.1959	0.9131	0.9935	0.4222
46.0	0.9985	0.5345	0.8790	0.9977	0.1057	0.9345	0.9935	0.4836
46.1	0.9982	0.5749	0.8003	0.9970	0.1471	0.8977	0.9922	0.5300
46.2	0.9977	0.7158	0.7615	0.9983	0.0583	0.7831	0.9942	0.5900
46.3	0.9967	0.7179	0.7647	0.9981	0.1891	0.8600	0.9940	0.5810
46.4	0.9975	0.8237	0.7587	0.9977	0.3324	0.9354	0.9943	0.6739
46.5	0.9978	0.7733	0.6589	0.9980	0.2260	0.9162	0.9943	0.4982
46.6	0.9977	0.8366	0.6419	0.9977	0.1025	0.8918	0.9925	0.4268
46.7	0.9984	0.8266	0.7592	0.9982	0.0141	0.8403	0.9948	0.5883
46.8	0.9988	0.8316	0.8297	0.9986	0.0521	0.8622	0.9960	0.6051
46.9	0.9988	0.8472	0.8265	0.9988	0.0727	0.8805	0.9950	0.3992
47.0	0.9981	0.8296	0.6677	0.9982	0.0520	0.8230	0.9927	0.3811
47.1	0.9982	0.8833	0.8033	0.9983	0.0218	0.6029	0.9943	0.5476
47.2	0.9982	0.8945	0.8634	0.9981	0.0699	0.7734	0.9931	0.5867
47.3	0.9982	0.8424	0.8198	0.9986	0.1153	0.8782	0.9941	0.5651
47.4	0.9978	0.8274	0.7675	0.9972	0.1051	0.8852	0.9925	0.6424
47.5	0.9976	0.8636	0.7695	0.9973	0.1097	0.8930	0.9927	0.5736
47.6	0.9962	0.8782	0.8155	0.9976	0.0507	0.9123	0.9927	0.2352
47.7	0.9970	0.8669	0.8371	0.9978	0.1171	0.9357	0.9916	0.2232
47.8	0.9961	0.8803	0.8154	0.9978	0.0904	0.7553	0.9926	0.3771
47.9	0.9964	0.9129	0.8487	0.9981	0.1088	0.6363	0.9933	0.3436
48.0	0.9964	0.9278	0.8374	0.9973	0.0931	0.7692	0.9929	0.3222
48.1	0.9956	0.9349	0.8584	0.9977	0.2212	0.7504	0.9939	0.3140
48.2	0.9971	0.9217	0.8879	0.9980	0.2122	0.7871	0.9944	0.3736
48.3	0.9976	0.9069	0.9007	0.9976	0.2281	0.5877	0.9940	0.3622
48.4	0.9975	0.9000	0.8573	0.9971	0.2680	0.6980	0.9926	0.2905
48.5	0.9970	0.9079	0.8500	0.9974	0.0813	0.7443	0.9925	0.1991
48.6	0.9970	0.9044	0.8498	0.9974	0.0716	0.7899	0.9927	0.2642
48.7	0.9965	0.9253	0.8323	0.9968	0.1258	0.7345	0.9905	0.3716
48.8	0.9972	0.9420	0.8500	0.9977	0.3137	0.5286	0.9918	0.5112
48.9	0.9964	0.9218	0.8804	0.9975	0.4187	0.0498	0.9909	0.6000
49.0	0.9961	0.9279	0.8908	0.9971	0.4692	0.5268	0.9916	0.6244
49.1	0.9965	0.9329	0.9028	0.9976	0.2747	0.7113	0.9911	0.4614
49.2	0.9930	0.9082	0.8766	0.9953	0.1778	0.7083	0.9854	0.4484
49.3	0.9953	0.9333	0.8780	0.9950	0.1736	0.8752	0.9881	0.4971
49.4	0.9954	0.9193	0.8827	0.9946	0.1077	0.8361	0.9900	0.4051
49.5	0.9956	0.9249	0.9344	0.9960	0.3132	0.7143	0.9910	0.6307
49.6	0.9940	0.9343	0.9492	0.9959	0.4959	0.7661	0.9910	0.6788
49.7	0.9945	0.9289	0.9571	0.9954	0.5004	0.8938	0.9885	0.7210
49.8	0.9955	0.9114	0.9505	0.9953	0.4009	0.8354	0.9887	0.7489
49.9	0.9953	0.8988	0.9527	0.9956	0.4447	0.5972	0.9881	0.7001
50.0	0.9953	0.9076	0.9696	0.9961	0.5479	0.7539	0.9922	0.7480
50.1	0.9941	0.8779	0.9520	0.9946	0.5975	0.8385	0.9885	0.7021
50.2	0.9930	0.8310	0.9354	0.9929	0.6617	0.6674	0.9860	0.7485
50.3	0.9943	0.8261	0.9496	0.9943	0.6798	0.4340	0.9880	0.7746
50.4	0.9948	0.8963	0.9592	0.9959	0.7746	0.8142	0.9907	0.7902
50.5	0.9921	0.9246	0.9601	0.9940	0.7696	0.8633	0.9879	0.8624
50.6	0.9928	0.9303	0.9606	0.9931	0.7575	0.8636	0.9902	0.8782
50.7	0.9936	0.9341	0.9737	0.9941	0.8158	0.9031	0.9901	0.8611
50.8	0.9959	0.9543	0.9825	0.9958	0.8607	0.9511	0.9933	0.9076
50.9	0.9925	0.9233	0.9754	0.9925	0.7342	0.9147	0.9921	0.8878

51.0	0.9927	0.8779	0.9715	0.9926	0.7794	0.8560	0.9902	0.8523
51.1	0.9917	0.9033	0.9737	0.9917	0.6788	0.9466	0.9925	0.8563
51.2	0.9918	0.9320	0.9737	0.9927	0.6183	0.9482	0.9903	0.8667
51.3	0.9954	0.9677	0.9813	0.9949	0.8059	0.9668	0.9935	0.9216
51.4	0.9937	0.9508	0.9791	0.9935	0.7870	0.9305	0.9927	0.8959
51.5	0.9927	0.9430	0.9765	0.9936	0.8211	0.9298	0.9903	0.9023
51.6	0.9932	0.9385	0.9834	0.9930	0.8138	0.9386	0.9896	0.9079
51.7	0.9945	0.9387	0.9883	0.9950	0.8482	0.9316	0.9921	0.8980
51.8	0.9953	0.9543	0.9876	0.9952	0.9153	0.9602	0.9932	0.9357
51.9	0.9901	0.9474	0.9837	0.9925	0.8965	0.9445	0.9923	0.9235
52.0	0.9924	0.9533	0.9857	0.9940	0.9161	0.9752	0.9920	0.9390
52.1	0.9928	0.9661	0.9880	0.9936	0.9372	0.9819	0.9904	0.9552
52.2	0.9931	0.9622	0.9893	0.9938	0.9330	0.9712	0.9921	0.9636
52.3	0.9956	0.9632	0.9916	0.9951	0.9558	0.9610	0.9950	0.9723
52.4	0.9911	0.9607	0.9881	0.9906	0.9494	0.9590	0.9905	0.9511
52.5	0.9908	0.9470	0.9901	0.9899	0.9419	0.9584	0.9908	0.9485
52.6	0.9937	0.9527	0.9912	0.9926	0.9514	0.9401	0.9951	0.9566
52.7	0.9949	0.9570	0.9903	0.9946	0.9462	0.9282	0.9934	0.9491
52.8	0.9945	0.9661	0.9919	0.9949	0.9453	0.9770	0.9935	0.9599
52.9	0.9923	0.9692	0.9914	0.9931	0.9461	0.9841	0.9941	0.9591
53.0	0.9904	0.9670	0.9907	0.9930	0.9476	0.9830	0.9884	0.9606
53.1	0.9918	0.9657	0.9936	0.9929	0.9592	0.9792	0.9904	0.9677
53.2	0.9908	0.9700	0.9946	0.9951	0.9613	0.9648	0.9881	0.9654
53.3	0.9895	0.9194	0.9923	0.9920	0.9442	0.9121	0.9888	0.9537
53.4	0.9877	0.8302	0.9911	0.9886	0.9236	0.9323	0.9891	0.9189
53.5	0.9877	0.9003	0.9914	0.9903	0.9411	0.9583	0.9916	0.9424
53.6	0.9914	0.9183	0.9906	0.9914	0.9623	0.9634	0.9896	0.9665
53.7	0.9942	0.9238	0.9930	0.9942	0.9703	0.9782	0.9921	0.9751
53.8	0.9923	0.9234	0.9913	0.9927	0.9670	0.9727	0.9862	0.9721
53.9	0.9947	0.9504	0.9924	0.9918	0.9740	0.9886	0.9905	0.9809
54.0	0.9931	0.9430	0.9928	0.9916	0.9749	0.9825	0.9861	0.9724
54.1	0.9889	0.9447	0.9911	0.9917	0.9681	0.9669	0.9840	0.9737
54.2	0.9853	0.9466	0.9888	0.9915	0.9661	0.9670	0.9793	0.9692
54.3	0.9880	0.9389	0.9870	0.9900	0.9630	0.9745	0.9672	0.9662
54.4	0.9919	0.9336	0.9899	0.9933	0.9700	0.9784	0.9690	0.9736
54.5	0.9904	0.9127	0.9899	0.9936	0.9753	0.9747	0.9598	0.9767
54.6	0.9887	0.8591	0.9889	0.9915	0.9720	0.9587	0.9608	0.9719
54.7	0.9869	0.8608	0.9882	0.9917	0.9722	0.9510	0.9635	0.9754
54.8	0.9890	0.8411	0.9869	0.9907	0.9602	0.9610	0.9436	0.9667
54.9	0.9936	0.8768	0.9907	0.9948	0.9737	0.9738	0.9409	0.9772
55.0	0.9944	0.8466	0.9929	0.9943	0.9740	0.9795	0.9225	0.9759
55.1	0.9919	0.7639	0.9909	0.9917	0.9500	0.9702	0.8667	0.9614
55.2	0.9876	0.6864	0.9904	0.9914	0.9378	0.9647	0.8814	0.9559
55.3	0.9851	0.6823	0.9870	0.9877	0.9470	0.9572	0.8954	0.9526
55.4	0.9899	0.7553	0.9881	0.9913	0.9372	0.9454	0.9199	0.9576
55.5	0.9893	0.7099	0.9862	0.9919	0.9384	0.9272	0.9045	0.9576
55.6	0.9902	0.7834	0.9899	0.9927	0.9597	0.9644	0.9275	0.9738
55.7	0.9916	0.7754	0.9929	0.9925	0.9596	0.9702	0.9160	0.9733
55.8	0.9904	0.8055	0.9929	0.9930	0.9628	0.9647	0.9188	0.9753
55.9	0.9857	0.7663	0.9866	0.9902	0.9423	0.9336	0.8785	0.9585
56.0	0.9843	0.7113	0.9862	0.9872	0.9150	0.8960	0.8670	0.9414
56.1	0.9880	0.7041	0.9836	0.9909	0.9481	0.9391	0.9250	0.9660
56.2	0.9834	0.7167	0.9859	0.9909	0.9665	0.9675	0.9111	0.9691
56.3	0.9891	0.8217	0.9881	0.9911	0.9539	0.9717	0.9310	0.9697
56.4	0.9886	0.8563	0.9867	0.9927	0.9551	0.9636	0.9541	0.9695
56.5	0.9868	0.8345	0.9861	0.9929	0.9643	0.9587	0.9641	0.9679
56.6	0.9867	0.7671	0.9887	0.9897	0.9463	0.9603	0.9642	0.9527
56.7	0.9816	0.8142	0.9869	0.9895	0.9253	0.9567	0.9516	0.9481
56.8	0.9861	0.8826	0.9861	0.9893	0.9337	0.9706	0.9442	0.9616
56.9	0.9866	0.8474	0.9831	0.9877	0.9378	0.9749	0.9481	0.9570
57.0	0.9851	0.8722	0.9823	0.9901	0.9416	0.9747	0.9479	0.9612
57.1	0.9842	0.8933	0.9838	0.9889	0.9321	0.9669	0.9519	0.9569
57.2	0.9830	0.9189	0.9879	0.9897	0.9542	0.9711	0.9568	0.9676
57.3	0.9837	0.9500	0.9895	0.9896	0.9632	0.9809	0.9638	0.9725
57.4	0.9825	0.9212	0.9859	0.9854	0.9361	0.9745	0.9623	0.9558
57.5	0.9770	0.9255	0.9823	0.9822	0.9394	0.9747	0.9612	0.9640
57.6	0.9798	0.9256	0.9862	0.9840	0.9443	0.9778	0.9554	0.9577
57.7	0.9844	0.9384	0.9916	0.9889	0.9442	0.9832	0.9533	0.9587
57.8	0.9843	0.9210	0.9896	0.9853	0.9180	0.9799	0.9458	0.9409
57.9	0.9776	0.9296	0.9840	0.9828	0.9141	0.9589	0.9465	0.9432
58.0	0.9816	0.9367	0.9848	0.9813	0.9440	0.9748	0.9480	0.9432
58.1	0.9845	0.9664	0.9869	0.9856	0.9567	0.9824	0.9591	0.9353
58.2	0.9753	0.9518	0.9874	0.9750	0.8701	0.9695	0.9145	0.7918
58.3	0.9789	0.9356	0.9848	0.9744	0.9043	0.9760	0.8790	0.8976
58.4	0.9794	0.9550	0.9864	0.9830	0.9423	0.9755	0.9018	0.9556
58.5	0.9724	0.9691	0.9834	0.9865	0.9623	0.9794	0.9336	0.9663
58.6	0.9716	0.9744	0.9815	0.9863	0.9619	0.9769	0.9456	0.9669
58.7	0.9836	0.9793	0.9874	0.9862	0.9718	0.9824	0.9606	0.9719
58.8	0.9805	0.9784	0.9836	0.9813	0.9655	0.9829	0.9739	0.9724
58.9	0.9733	0.9742	0.9771	0.9799	0.9719	0.9758	0.9803	0.9755
59.0	0.9671	0.9636	0.9813	0.9817	0.9773	0.9738	0.9709	0.9749
59.1	0.9543	0.9553	0.9774	0.9743	0.9595	0.9747	0.9674	0.9674
59.2	0.9670	0.9842	0.9849	0.9801	0.9642	0.9865	0.9824	0.9762
59.3	0.9711	0.9695	0.9805	0.9754	0.9576	0.9808	0.9801	0.9688
59.4	0.9802	0.9763	0.9784	0.9717	0.9521	0.9818	0.9877	0.9713
59.5	0.9798	0.9812	0.9815	0.9754	0.9690	0.9802	0.9855	0.9760

59.6	0.9706	0.9818	0.9755	0.9728	0.9786	0.9749	0.9873	0.9796
59.7	0.9742	0.9737	0.9758	0.9692	0.9719	0.9788	0.9863	0.9755
59.8	0.9773	0.9803	0.9809	0.9712	0.9659	0.9866	0.9860	0.9701
59.9	0.9732	0.9796	0.9748	0.9633	0.9727	0.9844	0.9608	0.9701
60.0	0.9735	0.9826	0.9718	0.9570	0.9773	0.9811	0.8767	0.9660
60.1	0.9758	0.9757	0.9650	0.9528	0.9668	0.9790	0.9458	0.9613
60.2	0.9797	0.9786	0.9701	0.9655	0.9722	0.9823	0.9871	0.9688
60.3	0.9797	0.9822	0.9673	0.9658	0.9688	0.9826	0.9899	0.9700
60.4	0.9750	0.9802	0.9671	0.9474	0.9674	0.9783	0.9891	0.9630
60.5	0.9758	0.9782	0.9679	0.9432	0.9747	0.9816	0.9884	0.9625
60.6	0.9777	0.9808	0.9743	0.9407	0.9756	0.9834	0.9902	0.9636
60.7	0.9775	0.9785	0.9670	0.9394	0.9726	0.9793	0.9902	0.9668
60.8	0.9712	0.9765	0.9497	0.9092	0.9492	0.9700	0.9852	0.9529
60.9	0.9801	0.9818	0.9672	0.9202	0.9654	0.9791	0.9899	0.9674
61.0	0.9813	0.9836	0.9654	0.8924	0.9714	0.9779	0.9921	0.9762
61.1	0.9787	0.9811	0.9558	0.8397	0.9481	0.9783	0.9896	0.9629
61.2	0.9776	0.9799	0.9674	0.8312	0.9340	0.9784	0.9895	0.9529
61.3	0.9797	0.9881	0.9785	0.8695	0.9646	0.9832	0.9915	0.9646
61.4	0.9777	0.9846	0.9764	0.8685	0.9608	0.9832	0.9893	0.9673
61.5	0.9772	0.9761	0.9721	0.8148	0.9406	0.9828	0.9889	0.9615
61.6	0.9789	0.9802	0.9734	0.6540	0.9311	0.9827	0.9895	0.9545
61.7	0.9765	0.9821	0.9802	0.5468	0.9415	0.9827	0.9910	0.9329
61.8	0.9824	0.9856	0.9809	0.5753	0.9698	0.9877	0.9922	0.9525
61.9	0.9792	0.9800	0.9760	0.4255	0.9506	0.9852	0.9872	0.9516
62.0	0.9742	0.9597	0.9724	0.3305	0.8862	0.9779	0.9838	0.9189
62.1	0.9811	0.9714	0.9676	0.1730	0.9445	0.9795	0.9909	0.9318
62.2	0.9779	0.9788	0.9785	0.3916	0.9593	0.9820	0.9922	0.9541
62.3	0.9776	0.9816	0.9805	0.5397	0.9257	0.9830	0.9921	0.9358
62.4	0.9825	0.9736	0.9774	0.5639	0.9057	0.9835	0.9908	0.9084
62.5	0.9827	0.9749	0.9723	0.6670	0.9417	0.9836	0.9929	0.9166
62.6	0.9749	0.9681	0.9724	0.6567	0.9144	0.9748	0.9913	0.9066
62.7	0.9722	0.9684	0.9770	0.7490	0.9144	0.9782	0.9913	0.9092
62.8	0.9782	0.9776	0.9764	0.8094	0.9165	0.9833	0.9934	0.9272
62.9	0.9798	0.9626	0.9749	0.8585	0.9416	0.9785	0.9905	0.9294
63.0	0.9783	0.9592	0.9739	0.8622	0.9051	0.9854	0.9909	0.9108
63.1	0.9754	0.9723	0.9701	0.8692	0.8970	0.9829	0.9923	0.9223
63.2	0.9742	0.9695	0.9586	0.8677	0.8840	0.9775	0.9937	0.9131
63.3	0.9698	0.9592	0.9468	0.8649	0.8732	0.9754	0.9900	0.9109
63.4	0.9688	0.9448	0.9569	0.8945	0.8722	0.9749	0.9891	0.8874
63.5	0.9722	0.9550	0.9455	0.8815	0.8338	0.9720	0.9897	0.8500
63.6	0.9721	0.9543	0.9494	0.8934	0.8454	0.9735	0.9887	0.8659
63.7	0.9769	0.9636	0.9623	0.9363	0.9076	0.9746	0.9901	0.9078
63.8	0.9769	0.9611	0.9595	0.9475	0.9046	0.9706	0.9909	0.9137
63.9	0.9664	0.9474	0.9284	0.9202	0.8795	0.9689	0.9906	0.8705
64.0	0.9593	0.9412	0.9282	0.9338	0.8959	0.9747	0.9912	0.8857
64.1	0.9557	0.9359	0.9121	0.9304	0.8256	0.9667	0.9897	0.8605
64.2	0.9620	0.9190	0.9227	0.9294	0.8161	0.9562	0.9883	0.7844
64.3	0.9542	0.9033	0.9359	0.9226	0.8448	0.9636	0.9889	0.7761
64.4	0.9408	0.8231	0.9135	0.9067	0.7419	0.9489	0.9840	0.7619
64.5	0.9379	0.8215	0.9194	0.9134	0.7304	0.9586	0.9801	0.7902
64.6	0.9447	0.8149	0.9204	0.9425	0.8243	0.9558	0.9899	0.8313
64.7	0.9476	0.7945	0.9293	0.9510	0.8518	0.9654	0.9914	0.8134
64.8	0.9503	0.7616	0.9291	0.9429	0.8342	0.9668	0.9897	0.7936
64.9	0.9580	0.6709	0.9256	0.9150	0.8039	0.9519	0.9874	0.7506
65.0	0.9326	0.7066	0.9081	0.9023	0.8512	0.9541	0.9891	0.7038
65.1	0.9167	0.5674	0.8435	0.8971	0.7529	0.9200	0.9863	0.5596
65.2	0.9189	0.4906	0.8516	0.8991	0.8365	0.9376	0.9892	0.5718
65.3	0.9162	0.4444	0.8892	0.9116	0.8610	0.9444	0.9895	0.5704
65.4	0.9229	0.4098	0.8796	0.9198	0.7536	0.9302	0.9889	0.5598
65.5	0.8971	0.3698	0.8491	0.8944	0.6841	0.8982	0.9873	0.5526
65.6	0.9034	0.3935	0.8592	0.9195	0.7163	0.9145	0.9902	0.6269
65.7	0.9167	0.4024	0.8294	0.9192	0.6272	0.8834	0.9892	0.5244
65.8	0.9152	0.4837	0.8492	0.9130	0.6240	0.8535	0.9897	0.4996
65.9	0.9084	0.4745	0.8296	0.8829	0.5404	0.8348	0.9892	0.5687
66.0	0.8935	0.4667	0.7591	0.8756	0.5486	0.7580	0.9852	0.4169
66.1	0.8901	0.5777	0.8656	0.9067	0.7193	0.7951	0.9860	0.4089
66.2	0.8928	0.5465	0.8691	0.9054	0.6163	0.7881	0.9851	0.4763
66.3	0.8920	0.6160	0.8415	0.9113	0.6205	0.7457	0.9887	0.4777
66.4	0.8925	0.6461	0.8675	0.9152	0.7628	0.7038	0.9873	0.4479
66.5	0.8510	0.6206	0.8519	0.9093	0.6925	0.5970	0.9807	0.2864
66.6	0.8630	0.6453	0.8319	0.9036	0.5864	0.5674	0.9815	0.2815
66.7	0.8406	0.7024	0.8183	0.9277	0.6617	0.4890	0.9766	0.1542
66.8	0.7611	0.6749	0.7666	0.9192	0.5481	0.3220	0.9767	0.0776
66.9	0.7617	0.5920	0.7499	0.9306	0.5594	0.2000	0.9748	0.1319
67.0	0.7936	0.6024	0.8099	0.9250	0.4254	0.1831	0.9791	0.1717
67.1	0.6718	0.5425	0.7453	0.8983	0.4176	0.1395	0.9675	0.0633
67.2	0.5810	0.4699	0.7666	0.9071	0.5911	0.0324	0.9698	0.0741
67.3	0.6141	0.5465	0.7743	0.9357	0.6146	0.0565	0.9738	0.2114
67.4	0.5046	0.4213	0.5826	0.9095	0.5093	0.0349	0.9648	0.2578
67.5	0.4783	0.4120	0.5589	0.8999	0.5208	0.1902	0.9607	0.0827
67.6	0.5586	0.4122	0.6224	0.9211	0.6290	0.1307	0.9590	0.0375
67.7	0.5666	0.3355	0.6728	0.9341	0.6422	0.2919	0.9717	0.0463
67.8	0.4976	0.2777	0.6352	0.9398	0.6640	0.4347	0.9629	0.0235
67.9	0.6229	0.4322	0.4921	0.9319	0.7171	0.5553	0.9591	0.0131
68.0	0.6826	0.4030	0.6479	0.9423	0.6310	0.5692	0.9663	0.0035
68.1	0.6817	0.2206	0.5782	0.9412	0.5558	0.5437	0.9620	0.0543

68.2	0.6052	0.2053	0.3904	0.9116	0.2744	0.6241	0.9523	0.0207
68.3	0.7302	0.1890	0.5019	0.9224	0.5046	0.6814	0.9513	0.0611
68.4	0.7465	0.0787	0.5368	0.9236	0.5620	0.6720	0.9533	0.0480
68.5	0.6989	0.0174	0.4693	0.9112	0.5341	0.6865	0.9322	0.0610
68.6	0.7492	0.0000	0.5433	0.9122	0.5440	0.7441	0.9178	0.0372
68.7	0.7918	0.0582	0.4922	0.9180	0.4332	0.7968	0.9371	0.0390
68.8	0.7942	0.0980	0.4714	0.9241	0.4909	0.8229	0.9376	0.0534
68.9	0.8951	0.0220	0.4249	0.9133	0.3775	0.8258	0.9397	0.1310
69.0	0.8782	0.0528	0.4270	0.9185	0.4038	0.8299	0.9441	0.2283
69.1	0.8579	0.0286	0.3931	0.9196	0.5309	0.8220	0.9372	0.3751
69.2	0.8544	0.0327	0.3474	0.9306	0.5067	0.8420	0.9286	0.2612
69.3	0.7829	0.1437	0.3944	0.9198	0.5289	0.8449	0.9186	0.2525
69.4	0.7708	0.2005	0.3082	0.9236	0.5305	0.8565	0.9177	0.2882
69.5	0.8275	0.2159	0.3169	0.9116	0.4453	0.8653	0.9007	0.2501
69.6	0.8245	0.2228	0.2778	0.9190	0.4808	0.8900	0.9121	0.1527
69.7	0.7890	0.1046	0.4257	0.9432	0.5714	0.9218	0.8988	0.3231
69.8	0.7461	0.1667	0.3737	0.9397	0.6035	0.9181	0.9011	0.3432
69.9	0.8300	0.0642	0.3649	0.9321	0.6885	0.9028	0.8958	0.3235
70.0	0.7033	0.1305	0.3000	0.9443	0.6629	0.9114	0.8974	0.3751
70.1	0.7317	0.1622	0.1821	0.9302	0.7086	0.9222	0.8819	0.3414
70.2	0.7739	0.0978	0.2395	0.9279	0.6503	0.9165	0.8567	0.2861
70.3	0.7370	0.1024	0.2305	0.9250	0.6515	0.9126	0.8505	0.2055
70.4	0.8562	0.1528	0.3321	0.9469	0.5681	0.9419	0.8536	0.3796
70.5	0.8658	0.1202	0.2227	0.9493	0.4852	0.9368	0.7872	0.2691
70.6	0.8833	0.2443	0.2334	0.9489	0.6028	0.9430	0.8098	0.3065
70.7	0.9033	0.3970	0.3516	0.9575	0.6699	0.9591	0.8357	0.3561
70.8	0.8827	0.3655	0.3905	0.9414	0.6703	0.9422	0.7542	0.3308
70.9	0.9015	0.3701	0.4285	0.9419	0.6250	0.9420	0.6550	0.2419
71.0	0.9127	0.3884	0.2852	0.9482	0.6044	0.9415	0.6201	0.1918
71.1	0.9408	0.4788	0.2799	0.9504	0.5913	0.9467	0.5994	0.1260
71.2	0.9357	0.6427	0.4114	0.9730	0.7780	0.9675	0.7011	0.1133
71.3	0.9220	0.6653	0.4093	0.9684	0.8058	0.9616	0.6747	0.1209
71.4	0.9394	0.6632	0.4652	0.9582	0.7624	0.9520	0.5824	0.1615
71.5	0.9353	0.6840	0.3556	0.9586	0.7544	0.9504	0.5678	0.3677
71.6	0.9149	0.7161	0.2754	0.9552	0.6687	0.9484	0.5827	0.5244
71.7	0.9270	0.7894	0.4626	0.9706	0.6287	0.9639	0.6888	0.4357
71.8	0.9273	0.7614	0.3899	0.9696	0.7168	0.9562	0.6533	0.4674
71.9	0.9278	0.8046	0.4802	0.9795	0.7654	0.9697	0.6945	0.6091
72.0	0.9206	0.7778	0.4234	0.9685	0.6805	0.9486	0.6626	0.6165
72.1	0.9387	0.7428	0.2369	0.9645	0.6065	0.9379	0.6951	0.7091
72.2	0.9493	0.7974	0.3235	0.9760	0.6168	0.9581	0.7500	0.7531
72.3	0.9237	0.8254	0.3984	0.9765	0.5148	0.9512	0.7799	0.8160
72.4	0.9124	0.8293	0.3753	0.9743	0.5614	0.9574	0.7668	0.7644
72.5	0.9102	0.8223	0.4016	0.9678	0.5142	0.9507	0.7597	0.7730
72.6	0.8934	0.8448	0.3297	0.9762	0.5163	0.9569	0.7713	0.8320
72.7	0.8998	0.8478	0.3625	0.9739	0.4401	0.9488	0.7929	0.8139
72.8	0.8961	0.8305	0.4825	0.9757	0.4699	0.9553	0.7689	0.8087
72.9	0.8993	0.8451	0.4633	0.9733	0.4268	0.9570	0.7882	0.8542
73.0	0.9149	0.8751	0.5176	0.9732	0.4052	0.9479	0.8254	0.8804
73.1	0.8887	0.8432	0.5373	0.9646	0.3954	0.9310	0.7805	0.8780
73.2	0.8854	0.8536	0.5357	0.9616	0.2850	0.9376	0.8009	0.8315
73.3	0.9046	0.8704	0.6641	0.9733	0.3385	0.9582	0.8414	0.8828
73.4	0.9039	0.8627	0.7072	0.9739	0.3022	0.9588	0.8085	0.8774
73.5	0.8737	0.8426	0.5570	0.9664	0.2770	0.9419	0.7747	0.8741
73.6	0.9007	0.8658	0.5275	0.9673	0.3248	0.9442	0.7915	0.8845
73.7	0.9080	0.8547	0.5976	0.9649	0.2458	0.9376	0.8164	0.8797
73.8	0.9152	0.7767	0.6649	0.9543	0.1857	0.9402	0.7572	0.8406
73.9	0.8648	0.7330	0.7213	0.9489	0.2364	0.9335	0.7280	0.8331
74.0	0.8823	0.7747	0.7595	0.9594	0.2544	0.9463	0.7690	0.8565
74.1	0.8723	0.8003	0.6972	0.9586	0.2215	0.9586	0.7885	0.8611
74.2	0.8813	0.7937	0.7539	0.9478	0.2514	0.9557	0.7847	0.8637
74.3	0.8729	0.7647	0.7866	0.9511	0.2529	0.9460	0.7523	0.8801
74.4	0.8614	0.7745	0.7639	0.9595	0.2804	0.9476	0.7699	0.8727
74.5	0.8417	0.7709	0.7323	0.9467	0.1971	0.9453	0.7726	0.8778
74.6	0.8190	0.7281	0.7834	0.9264	0.0902	0.9400	0.7467	0.8924
74.7	0.8416	0.7542	0.8257	0.9387	0.1712	0.9542	0.7681	0.8958
74.8	0.8985	0.7882	0.8834	0.9540	0.1529	0.9653	0.7871	0.9260
74.9	0.8730	0.7635	0.8293	0.9426	0.1464	0.9562	0.7384	0.9116
75.0	0.8503	0.7596	0.8440	0.9216	0.3152	0.9603	0.6934	0.9133
75.1	0.8411	0.7562	0.8629	0.9244	0.3186	0.9537	0.6776	0.8925
75.2	0.8127	0.7332	0.8482	0.9188	0.2544	0.9489	0.6271	0.8745
75.3	0.8367	0.7814	0.8567	0.9329	0.1866	0.9544	0.7263	0.9074
75.4	0.8265	0.7497	0.8459	0.9132	0.1452	0.9317	0.7081	0.8759
75.5	0.7747	0.6794	0.8344	0.9101	0.1491	0.9309	0.6122	0.8416
75.6	0.7728	0.6827	0.8373	0.8990	0.2503	0.9391	0.5435	0.8764
75.7	0.7913	0.7315	0.8669	0.9244	0.3556	0.9470	0.6447	0.8969
75.8	0.8107	0.7778	0.8902	0.9428	0.2344	0.9442	0.7264	0.8881
75.9	0.7643	0.7160	0.8835	0.9362	0.1752	0.9363	0.7263	0.8623
76.0	0.7681	0.7162	0.8988	0.9279	0.3251	0.9348	0.6912	0.8741
76.1	0.6104	0.5600	0.8637	0.8984	0.2118	0.9038	0.5708	0.8480
76.2	0.5557	0.5551	0.8235	0.8906	0.1703	0.9153	0.6774	0.8460
76.3	0.6470	0.5755	0.8698	0.9040	0.1720	0.9151	0.7808	0.8450
76.4	0.6832	0.5350	0.8983	0.9330	0.2276	0.9218	0.8411	0.8600
76.5	0.5283	0.3389	0.9003	0.9324	0.1188	0.9342	0.8328	0.8694
76.6	0.3971	0.3532	0.8361	0.8798	0.1223	0.8854	0.7895	0.7462
76.7	0.5552	0.4845	0.8333	0.8777	0.0991	0.8370	0.8454	0.7094

76.8	0.5560	0.3095	0.8780	0.8993	0.2198	0.8593	0.8194	0.7821
76.9	0.6041	0.4088	0.9046	0.9201	0.2334	0.8640	0.8921	0.7645
77.0	0.6194	0.5640	0.9214	0.9454	0.1247	0.9005	0.9377	0.7275
77.1	0.5477	0.7003	0.8728	0.9031	0.0367	0.8550	0.9198	0.6696
77.2	0.6275	0.7628	0.8555	0.8973	0.0185	0.8409	0.9394	0.6589
77.3	0.7072	0.7896	0.8640	0.9099	0.1086	0.8441	0.9457	0.6355
77.4	0.7197	0.8548	0.9121	0.9291	0.1828	0.8870	0.9602	0.7133
77.5	0.7093	0.8286	0.8852	0.8986	0.0679	0.8603	0.9430	0.7125
77.6	0.7588	0.8745	0.9043	0.9229	0.1069	0.8609	0.9539	0.6896
77.7	0.7966	0.9272	0.8893	0.9019	0.0799	0.8350	0.9489	0.5861
77.8	0.8706	0.9529	0.9061	0.9181	0.1105	0.8528	0.9683	0.7310
77.9	0.8849	0.9435	0.9044	0.9259	0.1145	0.8562	0.9675	0.7071
78.0	0.8715	0.9402	0.8896	0.9027	0.0566	0.7961	0.9696	0.7244
78.1	0.8986	0.9546	0.8974	0.9017	0.0713	0.8531	0.9727	0.7667
78.2	0.8928	0.9565	0.8601	0.8749	0.0877	0.8220	0.9672	0.7313
78.3	0.9199	0.9589	0.8855	0.8773	0.0279	0.8392	0.9722	0.7904
78.4	0.9536	0.9689	0.9131	0.9077	0.1361	0.8839	0.9809	0.8723
78.5	0.9245	0.9532	0.8899	0.8731	0.1707	0.8635	0.9694	0.8156
78.6	0.9211	0.9592	0.9000	0.8590	0.1343	0.8636	0.9716	0.8099
78.7	0.9374	0.9663	0.8957	0.8580	0.0877	0.8775	0.9732	0.8390
78.8	0.9250	0.9610	0.8282	0.7720	0.2006	0.8153	0.9673	0.8300
78.9	0.9292	0.9610	0.8638	0.7248	0.2566	0.8270	0.9808	0.8663
79.0	0.9022	0.9411	0.8381	0.7383	0.1421	0.8131	0.9731	0.8077
79.1	0.9137	0.9519	0.8325	0.7284	0.2474	0.8458	0.9690	0.7864
79.2	0.9129	0.9499	0.8675	0.6916	0.2640	0.8547	0.9661	0.8189
79.3	0.9020	0.9549	0.8478	0.7083	0.1997	0.8872	0.9659	0.8267
79.4	0.8855	0.9642	0.8575	0.7476	0.2726	0.9143	0.9727	0.8721
79.5	0.8931	0.9697	0.9012	0.7389	0.2909	0.9255	0.9789	0.8997
79.6	0.8781	0.9673	0.8707	0.6899	0.3712	0.9091	0.9727	0.8905
79.7	0.8811	0.9603	0.8467	0.6948	0.1902	0.9080	0.9710	0.9083
79.8	0.8915	0.9644	0.8193	0.6571	0.2755	0.9420	0.9752	0.9276
79.9	0.8960	0.9614	0.8464	0.6688	0.2618	0.9408	0.9726	0.9363
80.0	0.9014	0.9745	0.8620	0.6878	0.2466	0.9505	0.9736	0.9517

2.2.46 Run 4 – IP050-200 – Accels 25–32

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.8693	0.9719	0.9736	0.9686	0.9487	0.9552	0.7758	0.8841
0.1	0.6207	0.8462	0.8477	0.8301	0.7753	0.7863	0.4995	0.6838
0.2	0.0138	0.0026	0.0057	0.0021	0.0510	0.0352	0.0034	0.0093
0.3	0.0189	0.0040	0.0046	0.0151	0.0266	0.0305	0.0193	0.0216
0.4	0.0010	0.0491	0.0390	0.0304	0.0053	0.0031	0.0046	0.0358
0.5	0.0027	0.0315	0.0170	0.0304	0.0743	0.0220	0.0109	0.0200
0.6	0.0696	0.0174	0.0647	0.0938	0.0032	0.0023	0.0164	0.0477
0.7	0.0113	0.0917	0.3939	0.0028	0.0029	0.0017	0.0074	0.0316
0.8	0.0077	0.0999	0.5208	0.0263	0.0033	0.0053	0.0150	0.1432
0.9	0.0036	0.4239	0.5459	0.0080	0.0132	0.0077	0.0281	0.4797
1.0	0.0244	0.6661	0.4556	0.0079	0.0511	0.0137	0.0167	0.5683
1.1	0.0510	0.5009	0.2921	0.0021	0.0523	0.0092	0.0002	0.3114
1.2	0.1613	0.7661	0.3703	0.0152	0.0583	0.0425	0.0050	0.5301
1.3	0.3851	0.9116	0.4140	0.0065	0.0726	0.0095	0.0662	0.6359
1.4	0.4653	0.9178	0.4690	0.0093	0.1376	0.0052	0.2204	0.6332
1.5	0.7333	0.9692	0.5643	0.1116	0.3514	0.0085	0.1859	0.8266
1.6	0.8942	0.9809	0.5840	0.2961	0.7008	0.0175	0.1813	0.9051
1.7	0.9078	0.9747	0.7866	0.4269	0.7998	0.1349	0.5101	0.8683
1.8	0.9251	0.9723	0.8784	0.3915	0.8195	0.2065	0.7066	0.8109
1.9	0.9330	0.9707	0.9117	0.5861	0.8321	0.2217	0.8284	0.8133
2.0	0.9224	0.9176	0.9085	0.6180	0.7604	0.2124	0.8210	0.7291
2.1	0.9034	0.8938	0.9349	0.7502	0.6149	0.3216	0.9171	0.8762
2.2	0.8366	0.8298	0.8948	0.7856	0.6765	0.3776	0.8716	0.9457
2.3	0.4107	0.3571	0.7086	0.4226	0.2799	0.1208	0.4026	0.9216
2.4	0.7206	0.7308	0.9081	0.5721	0.7576	0.1051	0.6991	0.9742
2.5	0.8543	0.9234	0.9588	0.6677	0.9247	0.1725	0.9071	0.9890
2.6	0.9207	0.9742	0.9675	0.6630	0.9568	0.1943	0.9583	0.9835
2.7	0.9115	0.9864	0.9716	0.6409	0.9646	0.1761	0.9697	0.9807
2.8	0.8281	0.9875	0.9744	0.4491	0.9612	0.1866	0.9664	0.9731
2.9	0.7687	0.9960	0.9831	0.3797	0.9610	0.2402	0.9565	0.9641
3.0	0.5157	0.9971	0.9858	0.2503	0.9643	0.3275	0.9609	0.9680
3.1	0.4229	0.9982	0.9855	0.2566	0.9638	0.3240	0.9555	0.9581
3.2	0.6321	0.9984	0.9876	0.1676	0.9669	0.2880	0.9482	0.9591
3.3	0.8562	0.9988	0.9860	0.1295	0.9592	0.3234	0.9421	0.9520
3.4	0.9168	0.9987	0.9907	0.1079	0.9628	0.3141	0.9531	0.9588
3.5	0.9533	0.9991	0.9906	0.0616	0.9574	0.3322	0.9495	0.9534
3.6	0.9603	0.9989	0.9903	0.0188	0.9539	0.4619	0.9460	0.9527
3.7	0.9801	0.9992	0.9917	0.0155	0.9504	0.4440	0.9492	0.9456
3.8	0.9853	0.9994	0.9903	0.0283	0.9396	0.4859	0.9376	0.9261
3.9	0.9862	0.9993	0.9909	0.1487	0.9357	0.3766	0.9371	0.9076
4.0	0.9898	0.9993	0.9883	0.1757	0.9173	0.3486	0.9197	0.8608
4.1	0.9884	0.9994	0.9858	0.2800	0.9062	0.4341	0.8922	0.8331
4.2	0.9892	0.9990	0.9822	0.2874	0.8628	0.2962	0.8732	0.7975
4.3	0.9915	0.9990	0.9849	0.3715	0.8533	0.2875	0.9078	0.8228
4.4	0.9939	0.9990	0.9897	0.2549	0.9095	0.3462	0.9406	0.8762
4.5	0.9944	0.9990	0.9906	0.4415	0.9065	0.2139	0.9363	0.8534
4.6	0.9933	0.9987	0.9873	0.5234	0.8920	0.1896	0.9118	0.8338
4.7	0.9933	0.9987	0.9896	0.5420	0.9327	0.2956	0.9268	0.8919
4.8	0.9956	0.9983	0.9878	0.6502	0.9206	0.2125	0.9173	0.8374
4.9	0.9951	0.9974	0.9792	0.5765	0.8817	0.1062	0.8819	0.7352
5.0	0.9949	0.9980	0.9827	0.6009	0.9011	0.2561	0.9113	0.8409
5.1	0.9951	0.9973	0.9881	0.6771	0.9411	0.1062	0.9347	0.8879
5.2	0.9957	0.9970	0.9846	0.6790	0.9409	0.0700	0.9129	0.8581
5.3	0.9959	0.9957	0.9813	0.6320	0.9389	0.2046	0.9291	0.8690
5.4	0.9966	0.9961	0.9811	0.7415	0.9572	0.3214	0.9280	0.8540
5.5	0.9965	0.9969	0.9863	0.8186	0.9637	0.4583	0.9330	0.8552
5.6	0.9963	0.9963	0.9834	0.7962	0.9552	0.3215	0.9103	0.7282
5.7	0.9974	0.9956	0.9852	0.8092	0.9530	0.3482	0.9230	0.7225
5.8	0.9968	0.9948	0.9862	0.8358	0.9441	0.4270	0.9016	0.6933
5.9	0.9967	0.9953	0.9838	0.8021	0.9290	0.4258	0.8917	0.5755
6.0	0.9973	0.9940	0.9824	0.7966	0.9298	0.3649	0.9207	0.5625
6.1	0.9972	0.9963	0.9885	0.8540	0.9435	0.3859	0.9410	0.6713
6.2	0.9975	0.9972	0.9891	0.8902	0.9545	0.3023	0.9627	0.7062
6.3	0.9964	0.9955	0.9820	0.8548	0.8889	0.2700	0.9402	0.5656
6.4	0.9916	0.9925	0.9825	0.8528	0.8475	0.1577	0.9199	0.4362
6.5	0.9883	0.9946	0.9873	0.9073	0.9181	0.2972	0.9429	0.6437
6.6	0.9893	0.9952	0.9859	0.9070	0.9274	0.2945	0.9614	0.5899
6.7	0.9845	0.9955	0.9840	0.9103	0.9157	0.1712	0.9536	0.4069
6.8	0.9370	0.9933	0.9793	0.8920	0.8969	0.0635	0.9257	0.3731
6.9	0.8207	0.9883	0.9783	0.9013	0.8962	0.0755	0.9279	0.4547
7.0	0.7982	0.9810	0.9781	0.9268	0.8947	0.0804	0.8908	0.5461
7.1	0.7684	0.9401	0.9722	0.9246	0.7717	0.1088	0.7402	0.6020
7.2	0.9170	0.9461	0.9818	0.9332	0.7272	0.1047	0.7377	0.6721
7.3	0.9775	0.9744	0.9888	0.9586	0.5964	0.1659	0.7324	0.7131
7.4	0.9841	0.9439	0.9892	0.9587	0.6481	0.0274	0.7539	0.6007
7.5	0.9918	0.9383	0.9863	0.9663	0.7205	0.0320	0.8225	0.3832
7.6	0.9954	0.9551	0.9801	0.9622	0.6666	0.0754	0.8212	0.3553
7.7	0.9976	0.9825	0.9819	0.9675	0.6957	0.0597	0.8395	0.3581
7.8	0.9969	0.9895	0.9839	0.9768	0.8154	0.0949	0.8598	0.3829
7.9	0.9982	0.9936	0.9829	0.9800	0.8046	0.1191	0.8515	0.5713

8.0	0.9957	0.9883	0.9785	0.9714	0.7784	0.1180	0.8196	0.4959
8.1	0.9977	0.9939	0.9869	0.9846	0.8900	0.0980	0.9166	0.5536
8.2	0.9973	0.9938	0.9857	0.9786	0.9175	0.0649	0.9354	0.6388
8.3	0.9935	0.9890	0.9776	0.9728	0.8907	0.0649	0.9054	0.5190
8.4	0.9961	0.9916	0.9770	0.9829	0.9476	0.1111	0.9451	0.5217
8.5	0.9920	0.9905	0.9716	0.9759	0.9486	0.1078	0.9393	0.3950
8.6	0.9931	0.9938	0.9730	0.9838	0.9611	0.0529	0.9557	0.3757
8.7	0.9962	0.9959	0.9753	0.9900	0.9740	0.1146	0.9697	0.1976
8.8	0.9871	0.9914	0.9706	0.9780	0.9627	0.1122	0.9625	0.2416
8.9	0.9798	0.9852	0.9736	0.9777	0.9749	0.2201	0.9638	0.4504
9.0	0.9672	0.9741	0.9776	0.9591	0.9626	0.2005	0.9373	0.5176
9.1	0.9843	0.9852	0.9585	0.9804	0.9789	0.0614	0.9650	0.3673
9.2	0.9261	0.9369	0.9466	0.9207	0.9081	0.0357	0.9219	0.0298
9.3	0.9266	0.9268	0.9506	0.9273	0.9058	0.0347	0.9075	0.2296
9.4	0.9505	0.9443	0.9690	0.9525	0.9365	0.1084	0.9391	0.3283
9.5	0.9674	0.9567	0.9713	0.9697	0.9480	0.1690	0.9556	0.4456
9.6	0.9764	0.9617	0.9713	0.9772	0.9599	0.3134	0.9703	0.4423
9.7	0.9809	0.9544	0.9757	0.9839	0.9539	0.1011	0.9733	0.4506
9.8	0.9911	0.9694	0.9783	0.9937	0.9728	0.1368	0.9745	0.3531
9.9	0.9932	0.9651	0.9811	0.9934	0.9721	0.1165	0.9691	0.2982
10.0	0.9947	0.9521	0.9729	0.9947	0.9513	0.0482	0.9489	0.3948
10.1	0.9938	0.9248	0.9695	0.9932	0.9336	0.0211	0.8725	0.2813
10.2	0.9940	0.8540	0.9713	0.9892	0.8607	0.0426	0.8035	0.1567
10.3	0.9974	0.8796	0.9821	0.9907	0.8367	0.1135	0.8529	0.3894
10.4	0.9982	0.8713	0.9824	0.9925	0.8503	0.1098	0.8356	0.5237
10.5	0.9979	0.8852	0.9889	0.9931	0.8441	0.1648	0.8141	0.5757
10.6	0.9965	0.8055	0.9855	0.9914	0.7519	0.0425	0.7405	0.5265
10.7	0.9967	0.8197	0.9834	0.9919	0.7358	0.1500	0.7691	0.5494
10.8	0.9970	0.8349	0.9793	0.9881	0.7310	0.1402	0.7526	0.6471
10.9	0.9967	0.8446	0.9706	0.9862	0.6867	0.0745	0.7075	0.6113
11.0	0.9952	0.8750	0.9650	0.9851	0.6383	0.1242	0.6977	0.5842
11.1	0.9981	0.9234	0.9780	0.9886	0.6928	0.0765	0.8058	0.6684
11.2	0.9978	0.9208	0.9788	0.9864	0.5986	0.0608	0.7921	0.6364
11.3	0.9960	0.9079	0.9593	0.9804	0.4160	0.1107	0.7672	0.5690
11.4	0.9971	0.9503	0.9625	0.9872	0.4752	0.2228	0.8551	0.6930
11.5	0.9955	0.9534	0.9717	0.9840	0.4538	0.2527	0.8770	0.6214
11.6	0.9953	0.9601	0.9727	0.9824	0.4486	0.2604	0.8643	0.5784
11.7	0.9967	0.9737	0.9781	0.9870	0.5515	0.1688	0.9116	0.7133
11.8	0.9935	0.9710	0.9733	0.9882	0.4990	0.1899	0.9174	0.7010
11.9	0.9890	0.9697	0.9735	0.9826	0.5213	0.2555	0.9209	0.7027
12.0	0.9884	0.9689	0.9701	0.9803	0.5505	0.2050	0.9309	0.7186
12.1	0.9732	0.9697	0.9650	0.9804	0.4683	0.2464	0.9235	0.6586
12.2	0.9776	0.9759	0.9712	0.9845	0.4619	0.3313	0.9106	0.6293
12.3	0.9731	0.9766	0.9659	0.9854	0.4539	0.3421	0.9010	0.6382
12.4	0.9668	0.9731	0.9582	0.9792	0.6308	0.3194	0.8580	0.6227
12.5	0.9727	0.9800	0.9613	0.9789	0.5914	0.2573	0.8418	0.6762
12.6	0.9788	0.9780	0.9642	0.9802	0.6018	0.4258	0.8786	0.7857
12.7	0.9825	0.9814	0.9655	0.9819	0.6724	0.4043	0.8548	0.8034
12.8	0.9854	0.9800	0.9676	0.9783	0.7007	0.4797	0.8562	0.8212
12.9	0.9865	0.9746	0.9677	0.9710	0.7446	0.5268	0.8434	0.8026
13.0	0.9880	0.9708	0.9682	0.9718	0.7621	0.5213	0.8477	0.8293
13.1	0.9873	0.9683	0.9674	0.9700	0.8223	0.6564	0.7583	0.8443
13.2	0.9749	0.9689	0.9706	0.9707	0.8538	0.5916	0.5957	0.8691
13.3	0.9661	0.9689	0.9613	0.9695	0.8448	0.7111	0.5761	0.8646
13.4	0.9234	0.9441	0.9288	0.9488	0.8726	0.6461	0.4491	0.7252
13.5	0.9471	0.9499	0.9416	0.9528	0.8896	0.7170	0.5175	0.7697
13.6	0.9515	0.9511	0.9332	0.9540	0.9061	0.7039	0.2194	0.7611
13.7	0.9537	0.9551	0.9348	0.9594	0.8838	0.7205	0.2680	0.8249
13.8	0.9756	0.9766	0.9524	0.9714	0.9168	0.7642	0.7220	0.8038
13.9	0.9810	0.9783	0.9677	0.9751	0.9401	0.8081	0.8552	0.8983
14.0	0.9898	0.9720	0.9802	0.9744	0.9457	0.8568	0.9235	0.9099
14.1	0.9772	0.9534	0.9705	0.9540	0.9399	0.7591	0.8933	0.8745
14.2	0.9759	0.9502	0.9733	0.9590	0.9495	0.6573	0.9373	0.9069
14.3	0.9581	0.9217	0.9564	0.9341	0.9349	0.5773	0.9214	0.8996
14.4	0.9505	0.9124	0.9486	0.9303	0.9240	0.6326	0.9141	0.8563
14.5	0.9722	0.9514	0.9643	0.9596	0.9526	0.6448	0.9393	0.8796
14.6	0.9851	0.9503	0.9810	0.9616	0.9484	0.5666	0.9428	0.9154
14.7	0.9899	0.9662	0.9863	0.9803	0.9642	0.8023	0.9625	0.9406
14.8	0.9741	0.9626	0.9914	0.9837	0.9709	0.7272	0.9652	0.9027
14.9	0.9819	0.9763	0.9928	0.9893	0.9713	0.7005	0.9661	0.9099
15.0	0.9738	0.9836	0.9931	0.9906	0.9636	0.6738	0.9523	0.8683
15.1	0.9706	0.9886	0.9968	0.9909	0.9655	0.5442	0.9705	0.8318
15.2	0.9726	0.9879	0.9961	0.9914	0.9761	0.4165	0.9764	0.8362
15.3	0.9801	0.9891	0.9951	0.9946	0.9751	0.4451	0.9753	0.8384
15.4	0.9681	0.9882	0.9944	0.9935	0.9624	0.4080	0.9702	0.8175
15.5	0.9685	0.9888	0.9968	0.9938	0.9589	0.4174	0.9624	0.8882
15.6	0.9831	0.9890	0.9966	0.9942	0.9549	0.5721	0.9568	0.8879
15.7	0.9729	0.9905	0.9964	0.9954	0.9371	0.5815	0.9484	0.8652
15.8	0.9779	0.9907	0.9962	0.9929	0.9395	0.5993	0.9546	0.9071
15.9	0.9896	0.9850	0.9968	0.9918	0.9387	0.7296	0.9516	0.9132
16.0	0.9950	0.9805	0.9972	0.9893	0.9370	0.6578	0.9403	0.9098
16.1	0.9940	0.9793	0.9966	0.9896	0.9516	0.6404	0.9295	0.9334
16.2	0.9930	0.9823	0.9967	0.9906	0.9433	0.6319	0.8846	0.9343
16.3	0.9937	0.9882	0.9967	0.9917	0.9285	0.7153	0.8590	0.9114
16.4	0.9943	0.9863	0.9970	0.9920	0.9236	0.7760	0.8216	0.9131
16.5	0.9954	0.9861	0.9958	0.9924	0.9121	0.7433	0.7239	0.9170

16.6	0.9938	0.9869	0.9960	0.9929	0.9129	0.7226	0.6374	0.9233
16.7	0.9919	0.9785	0.9931	0.9832	0.8834	0.4966	0.3647	0.8463
16.8	0.9864	0.9716	0.9883	0.9784	0.8650	0.4549	0.3573	0.7261
16.9	0.9899	0.9783	0.9931	0.9837	0.8650	0.6697	0.5274	0.8855
17.0	0.9933	0.9867	0.9945	0.9893	0.8101	0.7484	0.6878	0.9005
17.1	0.9914	0.9817	0.9911	0.9838	0.8069	0.5627	0.6087	0.7698
17.2	0.9927	0.9838	0.9905	0.9870	0.8430	0.6943	0.6060	0.8949
17.3	0.9922	0.9797	0.9906	0.9867	0.7683	0.4843	0.5517	0.8275
17.4	0.9930	0.9730	0.9911	0.9821	0.7420	0.2987	0.6635	0.8557
17.5	0.9939	0.9784	0.9926	0.9798	0.7599	0.2294	0.7393	0.7745
17.6	0.9919	0.9703	0.9909	0.9703	0.7191	0.1931	0.7460	0.6150
17.7	0.9900	0.9549	0.9867	0.9598	0.6907	0.0877	0.6280	0.4054
17.8	0.9887	0.9628	0.9891	0.9637	0.7161	0.1437	0.6012	0.3873
17.9	0.9845	0.9482	0.9885	0.9457	0.7110	0.1795	0.5971	0.4863
18.0	0.9826	0.9525	0.9882	0.9454	0.7644	0.2681	0.4743	0.6292
18.1	0.9755	0.9254	0.9875	0.9261	0.7685	0.2844	0.2839	0.7025
18.2	0.9762	0.8838	0.9772	0.8967	0.7359	0.2880	0.2289	0.7389
18.3	0.9598	0.8427	0.9655	0.8320	0.6093	0.2584	0.0535	0.6712
18.4	0.9461	0.8017	0.9666	0.7312	0.6479	0.1492	0.0200	0.6340
18.5	0.9276	0.8048	0.9784	0.4786	0.6468	0.0899	0.0086	0.6890
18.6	0.9434	0.8827	0.9838	0.5227	0.6967	0.1178	0.0614	0.6716
18.7	0.9677	0.9082	0.9684	0.8045	0.4540	0.2363	0.0669	0.4447
18.8	0.9760	0.9187	0.9559	0.8928	0.3247	0.2304	0.1334	0.5889
18.9	0.9730	0.9031	0.9491	0.8930	0.2555	0.1201	0.0935	0.6041
19.0	0.9685	0.8867	0.9337	0.8739	0.3823	0.0273	0.0202	0.4365
19.1	0.9745	0.8294	0.9065	0.8368	0.3606	0.0148	0.0356	0.3690
19.2	0.9668	0.7777	0.8742	0.8118	0.4111	0.0067	0.0581	0.2710
19.3	0.9663	0.8302	0.8524	0.8353	0.2920	0.0117	0.1545	0.3943
19.4	0.9785	0.8557	0.8120	0.8804	0.3680	0.0772	0.2985	0.4204
19.5	0.9666	0.8077	0.7628	0.8328	0.5199	0.1027	0.1035	0.2644
19.6	0.9569	0.8501	0.7340	0.8822	0.4989	0.0498	0.0771	0.3156
19.7	0.9286	0.7375	0.6397	0.8098	0.3684	0.0339	0.0606	0.3105
19.8	0.9197	0.5832	0.5567	0.6907	0.2338	0.0369	0.0418	0.3539
19.9	0.9050	0.5559	0.4400	0.6354	0.2588	0.0753	0.0144	0.2392
20.0	0.8989	0.5424	0.3298	0.6112	0.2745	0.0007	0.0395	0.1085
20.1	0.9174	0.6793	0.1594	0.7406	0.4319	0.0355	0.0482	0.1657
20.2	0.9317	0.7513	0.0605	0.7559	0.3872	0.0122	0.0012	0.2369
20.3	0.9287	0.6917	0.1538	0.6194	0.2721	0.0309	0.0586	0.1466
20.4	0.9219	0.6103	0.1962	0.4719	0.1665	0.0174	0.1158	0.1352
20.5	0.9168	0.7183	0.2496	0.5697	0.2226	0.0151	0.0894	0.2839
20.6	0.8475	0.6564	0.2753	0.4729	0.2627	0.0001	0.0334	0.1745
20.7	0.8021	0.6285	0.1885	0.3871	0.1421	0.0003	0.0873	0.1408
20.8	0.8094	0.6327	0.2190	0.3102	0.1351	0.0026	0.0857	0.1991
20.9	0.7053	0.5319	0.2459	0.1565	0.1073	0.0024	0.0182	0.0291
21.0	0.7816	0.6323	0.5806	0.1622	0.0796	0.0329	0.0305	0.0623
21.1	0.7155	0.6467	0.6672	0.1726	0.0787	0.0276	0.0365	0.0885
21.2	0.6515	0.6316	0.5646	0.1802	0.0249	0.0012	0.0729	0.0331
21.3	0.6981	0.5876	0.5365	0.1311	0.0013	0.0019	0.0993	0.0083
21.4	0.6819	0.5720	0.5749	0.1339	0.0327	0.0133	0.0660	0.0520
21.5	0.5843	0.6366	0.6186	0.2105	0.0076	0.0071	0.1419	0.0089
21.6	0.5996	0.7093	0.5457	0.1195	0.0550	0.0076	0.1653	0.0358
21.7	0.6840	0.7121	0.5690	0.0717	0.0883	0.0293	0.1501	0.0716
21.8	0.5231	0.6473	0.5912	0.0610	0.0116	0.0098	0.1534	0.0215
21.9	0.4670	0.7419	0.7202	0.1493	0.0224	0.0015	0.0965	0.0043
22.0	0.2482	0.6622	0.6033	0.1511	0.0237	0.0124	0.0834	0.0234
22.1	0.1156	0.7081	0.6376	0.2125	0.0203	0.0196	0.0051	0.0605
22.2	0.0628	0.7768	0.7052	0.1828	0.1311	0.0013	0.1032	0.1141
22.3	0.0913	0.7324	0.7186	0.1420	0.1180	0.0226	0.2354	0.1385
22.4	0.2670	0.7782	0.7622	0.0620	0.1169	0.0127	0.1134	0.1222
22.5	0.4127	0.8121	0.8096	0.1575	0.0653	0.0141	0.0505	0.1793
22.6	0.6032	0.7812	0.8478	0.1647	0.0881	0.0143	0.0627	0.1824
22.7	0.7863	0.8566	0.8976	0.2832	0.1896	0.0045	0.1880	0.1624
22.8	0.7982	0.7935	0.9052	0.3580	0.1478	0.0026	0.3877	0.1156
22.9	0.7379	0.7270	0.9273	0.3308	0.0876	0.0013	0.5771	0.1201
23.0	0.7903	0.7498	0.9442	0.3130	0.0380	0.0849	0.5385	0.2809
23.1	0.8042	0.7050	0.9565	0.1902	0.0866	0.0693	0.3426	0.2664
23.2	0.7526	0.6866	0.9539	0.0254	0.0724	0.0444	0.1610	0.1419
23.3	0.7859	0.6912	0.9501	0.1269	0.0714	0.0128	0.0805	0.1264
23.4	0.7702	0.7749	0.9630	0.2609	0.0646	0.0083	0.1439	0.1599
23.5	0.7441	0.7632	0.9780	0.2041	0.0152	0.0102	0.2018	0.2351
23.6	0.7006	0.8201	0.9784	0.1118	0.0789	0.0118	0.1444	0.1337
23.7	0.6355	0.8655	0.9852	0.0870	0.0351	0.0060	0.2219	0.2461
23.8	0.5489	0.8137	0.9810	0.0784	0.0470	0.0108	0.2145	0.1962
23.9	0.7607	0.8417	0.9880	0.1643	0.2015	0.0020	0.3315	0.3389
24.0	0.8136	0.8920	0.9892	0.2538	0.1800	0.0091	0.2579	0.2034
24.1	0.7774	0.9161	0.9889	0.2921	0.1291	0.0371	0.3208	0.1674
24.2	0.7849	0.8782	0.9865	0.1724	0.1755	0.0123	0.3691	0.2588
24.3	0.7922	0.8830	0.9874	0.2002	0.1657	0.0025	0.4017	0.3533
24.4	0.8504	0.9170	0.9915	0.2709	0.2412	0.0149	0.5402	0.3428
24.5	0.8792	0.9202	0.9930	0.2042	0.1003	0.0396	0.4769	0.2635
24.6	0.9188	0.9185	0.9932	0.2649	0.0935	0.0060	0.4236	0.1880
24.7	0.9462	0.9347	0.9942	0.3657	0.1321	0.1024	0.5355	0.1509
24.8	0.9514	0.9433	0.9948	0.4106	0.2557	0.1286	0.6343	0.2661
24.9	0.9477	0.9018	0.9936	0.2441	0.2826	0.0071	0.5893	0.3897
25.0	0.9299	0.9079	0.9904	0.2704	0.1693	0.0355	0.6360	0.3228
25.1	0.9595	0.9298	0.9935	0.4172	0.2969	0.0248	0.6836	0.3217

25.2	0.9703	0.9430	0.9949	0.5654	0.2134	0.0053	0.6340	0.3939
25.3	0.9661	0.9384	0.9941	0.5688	0.1444	0.0303	0.6075	0.3498
25.4	0.9713	0.9426	0.9930	0.5711	0.1782	0.0455	0.6040	0.3798
25.5	0.9673	0.9234	0.9911	0.4722	0.1734	0.0046	0.5926	0.3067
25.6	0.9657	0.9279	0.9922	0.5090	0.3489	0.0345	0.5785	0.2423
25.7	0.9699	0.9339	0.9906	0.5851	0.4226	0.0757	0.6172	0.2975
25.8	0.9836	0.9606	0.9922	0.6521	0.4024	0.1087	0.6489	0.3011
25.9	0.9823	0.9592	0.9896	0.5869	0.3964	0.0565	0.6857	0.4544
26.0	0.9865	0.9466	0.9893	0.4428	0.5331	0.2109	0.7281	0.5605
26.1	0.9868	0.9464	0.9891	0.3576	0.5495	0.1910	0.7540	0.5183
26.2	0.9895	0.9429	0.9881	0.3299	0.5059	0.1064	0.7827	0.5138
26.3	0.9895	0.9396	0.9879	0.2328	0.3959	0.0886	0.7622	0.6185
26.4	0.9893	0.9627	0.9881	0.2890	0.3280	0.1169	0.8073	0.5696
26.5	0.9896	0.9633	0.9821	0.3492	0.3392	0.1186	0.8307	0.5436
26.6	0.9939	0.9626	0.9785	0.4120	0.4776	0.2432	0.8385	0.6985
26.7	0.9915	0.9538	0.9702	0.2972	0.3531	0.1844	0.8245	0.6711
26.8	0.9916	0.9627	0.9636	0.4016	0.3561	0.2448	0.8735	0.7263
26.9	0.9924	0.9631	0.9632	0.4483	0.3302	0.2133	0.8815	0.7591
27.0	0.9920	0.9536	0.9503	0.2897	0.3227	0.1447	0.8531	0.7117
27.1	0.9903	0.9557	0.9323	0.1887	0.2845	0.0964	0.8168	0.7450
27.2	0.9930	0.9569	0.9587	0.1021	0.3292	0.1137	0.8016	0.7391
27.3	0.9927	0.9624	0.9679	0.0886	0.5533	0.1658	0.8560	0.7957
27.4	0.9920	0.9672	0.9794	0.1378	0.6661	0.2200	0.8504	0.7636
27.5	0.9932	0.9651	0.9844	0.2088	0.7057	0.2458	0.8640	0.7912
27.6	0.9933	0.9603	0.9854	0.1140	0.8034	0.2005	0.9078	0.8358
27.7	0.9925	0.9589	0.9869	0.0841	0.6929	0.2106	0.8581	0.7849
27.8	0.9891	0.9668	0.9909	0.2190	0.6690	0.3273	0.8136	0.7142
27.9	0.9861	0.9559	0.9883	0.3626	0.5339	0.1293	0.7437	0.6424
28.0	0.9915	0.9590	0.9936	0.4673	0.6131	0.0367	0.7838	0.6663
28.1	0.9921	0.9657	0.9942	0.4719	0.6606	0.0394	0.8088	0.6085
28.2	0.9900	0.9611	0.9946	0.3552	0.5899	0.0049	0.7578	0.5529
28.3	0.9898	0.9636	0.9958	0.3409	0.5703	0.0412	0.7208	0.5647
28.4	0.9909	0.9667	0.9954	0.2835	0.5836	0.0577	0.6935	0.5812
28.5	0.9884	0.9677	0.9960	0.3937	0.4834	0.0125	0.6340	0.5761
28.6	0.9878	0.9740	0.9970	0.4065	0.5002	0.0639	0.6616	0.5525
28.7	0.9847	0.9770	0.9975	0.4247	0.5663	0.0029	0.6449	0.4673
28.8	0.9856	0.9774	0.9962	0.5264	0.6289	0.0290	0.6882	0.4548
28.9	0.9852	0.9699	0.9961	0.5236	0.6491	0.0126	0.6571	0.3480
29.0	0.9821	0.9634	0.9952	0.4736	0.5721	0.0679	0.6459	0.3405
29.1	0.9873	0.9748	0.9958	0.5626	0.6252	0.0186	0.6613	0.3347
29.2	0.9781	0.9681	0.9948	0.6160	0.4606	0.0076	0.4443	0.1408
29.3	0.9729	0.9700	0.9960	0.7321	0.5683	0.0072	0.6070	0.1842
29.4	0.9502	0.9604	0.9961	0.7259	0.6237	0.0748	0.6629	0.1669
29.5	0.9624	0.9718	0.9961	0.7912	0.5718	0.1969	0.6112	0.0943
29.6	0.9791	0.9848	0.9971	0.8631	0.6612	0.2297	0.6873	0.0385
29.7	0.9766	0.9818	0.9964	0.8671	0.6964	0.1137	0.7438	0.0856
29.8	0.9754	0.9825	0.9965	0.8647	0.6764	0.0798	0.7000	0.1775
29.9	0.9513	0.9747	0.9958	0.7553	0.5080	0.1477	0.5216	0.2286
30.0	0.9296	0.9604	0.9935	0.7085	0.5572	0.2498	0.4863	0.3103
30.1	0.9610	0.9659	0.9967	0.8015	0.6825	0.1863	0.5762	0.4620
30.2	0.9701	0.9761	0.9942	0.8496	0.6769	0.2463	0.5935	0.5482
30.3	0.9781	0.9808	0.9942	0.9154	0.6936	0.3546	0.5665	0.6631
30.4	0.9808	0.9830	0.9936	0.9149	0.6892	0.3188	0.5282	0.7609
30.5	0.9884	0.9839	0.9939	0.9137	0.7402	0.4797	0.6276	0.8494
30.6	0.9850	0.9784	0.9908	0.9119	0.6703	0.4299	0.5369	0.7609
30.7	0.9886	0.9723	0.9890	0.8965	0.5853	0.3201	0.4659	0.7792
30.8	0.9894	0.9688	0.9903	0.8930	0.6294	0.5058	0.5550	0.8475
30.9	0.9904	0.9767	0.9922	0.9165	0.6770	0.5852	0.6712	0.8710
31.0	0.9860	0.9693	0.9892	0.9015	0.6326	0.5500	0.7079	0.8604
31.1	0.9901	0.9738	0.9912	0.9167	0.7366	0.6104	0.7876	0.8901
31.2	0.9921	0.9754	0.9911	0.9184	0.7369	0.6929	0.8334	0.9024
31.3	0.9912	0.9733	0.9882	0.9136	0.7553	0.5890	0.8243	0.8910
31.4	0.9901	0.9734	0.9863	0.9046	0.7784	0.6311	0.8507	0.8946
31.5	0.9898	0.9771	0.9862	0.9034	0.7763	0.5339	0.8489	0.9208
31.6	0.9901	0.9750	0.9851	0.9294	0.8376	0.5640	0.9135	0.9425
31.7	0.9915	0.9786	0.9839	0.9396	0.8186	0.5529	0.9060	0.9269
31.8	0.9913	0.9819	0.9856	0.9438	0.8314	0.6343	0.9164	0.9271
31.9	0.9826	0.9806	0.9753	0.9332	0.8212	0.6724	0.8936	0.9186
32.0	0.9823	0.9843	0.9746	0.9307	0.8453	0.6582	0.9110	0.9285
32.1	0.9753	0.9812	0.9692	0.9440	0.8342	0.6644	0.8866	0.9173
32.2	0.9860	0.9922	0.9818	0.9668	0.9027	0.6836	0.9344	0.9492
32.3	0.9788	0.9857	0.9743	0.9468	0.8860	0.6453	0.9029	0.9319
32.4	0.9806	0.9849	0.9726	0.9322	0.8691	0.5280	0.8868	0.9220
32.5	0.9802	0.9860	0.9764	0.9413	0.8791	0.4616	0.8836	0.9355
32.6	0.9771	0.9868	0.9723	0.9416	0.8952	0.3657	0.8845	0.9407
32.7	0.9717	0.9874	0.9675	0.9532	0.8828	0.3246	0.8451	0.9315
32.8	0.9665	0.9892	0.9709	0.9538	0.8921	0.3879	0.8462	0.9438
32.9	0.9641	0.9876	0.9714	0.9522	0.8828	0.0174	0.8333	0.9444
33.0	0.9661	0.9874	0.9624	0.9553	0.8911	0.0365	0.8393	0.9252
33.1	0.9553	0.9867	0.9469	0.9541	0.8746	0.1149	0.8097	0.9031
33.2	0.9510	0.9852	0.9310	0.9632	0.8627	0.2325	0.7548	0.9054
33.3	0.9589	0.9881	0.9550	0.9742	0.8849	0.2559	0.8612	0.9141
33.4	0.9244	0.9862	0.9368	0.9659	0.8046	0.3352	0.7892	0.8597
33.5	0.9334	0.9851	0.9398	0.9577	0.8301	0.5266	0.8581	0.8804
33.6	0.9187	0.9806	0.9264	0.9500	0.7981	0.3939	0.8362	0.8739
33.7	0.9214	0.9849	0.9379	0.9506	0.8072	0.6176	0.9082	0.8998

33.8	0.9002	0.9831	0.9275	0.9443	0.7449	0.6958	0.8784	0.8770
33.9	0.8433	0.9795	0.9018	0.9293	0.6696	0.8378	0.8959	0.8329
34.0	0.8661	0.9790	0.9209	0.9434	0.6717	0.7328	0.8941	0.8431
34.1	0.9352	0.9875	0.9605	0.9727	0.7349	0.7710	0.9244	0.8816
34.2	0.9136	0.9737	0.9515	0.9504	0.7626	0.7717	0.8967	0.8778
34.3	0.9170	0.9634	0.9492	0.9460	0.8294	0.7510	0.8999	0.9045
34.4	0.9381	0.9725	0.9590	0.9578	0.8683	0.7578	0.9199	0.9094
34.5	0.9462	0.9704	0.9578	0.9577	0.8875	0.6522	0.9416	0.9101
34.6	0.9301	0.9549	0.9483	0.9452	0.8728	0.5844	0.9001	0.9067
34.7	0.9287	0.9472	0.9506	0.9313	0.8361	0.4860	0.8690	0.9157
34.8	0.9727	0.9757	0.9772	0.9671	0.8818	0.5700	0.9307	0.9531
34.9	0.9716	0.9762	0.9808	0.9658	0.9114	0.5783	0.9256	0.9577
35.0	0.9643	0.9719	0.9719	0.9554	0.8902	0.3807	0.9323	0.9460
35.1	0.9627	0.9625	0.9675	0.9363	0.8607	0.3728	0.9177	0.9449
35.2	0.9432	0.9560	0.9534	0.9081	0.8415	0.4169	0.8866	0.9268
35.3	0.9611	0.9646	0.9646	0.9164	0.8033	0.3880	0.8893	0.9223
35.4	0.9520	0.9589	0.9563	0.8916	0.7866	0.3539	0.8161	0.9281
35.5	0.9388	0.9419	0.9472	0.8753	0.7545	0.3936	0.7291	0.8982
35.6	0.9304	0.9361	0.9398	0.8533	0.5873	0.4262	0.6745	0.8618
35.7	0.8802	0.9166	0.8968	0.8626	0.4274	0.3464	0.6046	0.8131
35.8	0.8530	0.9166	0.8918	0.8632	0.3917	0.4432	0.5703	0.7550
35.9	0.7867	0.9191	0.8787	0.8923	0.3190	0.4040	0.4947	0.5905
36.0	0.8513	0.9423	0.9025	0.9450	0.4124	0.4047	0.6610	0.6671
36.1	0.7364	0.9246	0.8186	0.9364	0.4188	0.2823	0.6084	0.6232
36.2	0.6582	0.9417	0.7709	0.9364	0.4161	0.2970	0.7098	0.5792
36.3	0.7003	0.9613	0.7783	0.9504	0.3754	0.4462	0.8181	0.6297
36.4	0.6864	0.9701	0.7228	0.9629	0.4743	0.4731	0.8905	0.7245
36.5	0.6908	0.9633	0.6642	0.9540	0.3803	0.4501	0.8930	0.6306
36.6	0.7973	0.9649	0.7486	0.9541	0.3638	0.3313	0.8950	0.6988
36.7	0.8877	0.9750	0.7764	0.9660	0.4267	0.2717	0.8980	0.7605
36.8	0.8881	0.9718	0.7574	0.9615	0.3915	0.1701	0.8820	0.7213
36.9	0.8978	0.9746	0.7973	0.9622	0.4245	0.2191	0.9211	0.7886
37.0	0.9347	0.9765	0.8515	0.9666	0.4948	0.1349	0.9171	0.7870
37.1	0.9641	0.9829	0.9098	0.9746	0.4149	0.0700	0.9316	0.8062
37.2	0.9724	0.9886	0.9178	0.9801	0.4099	0.1229	0.9235	0.7766
37.3	0.9672	0.9851	0.9201	0.9752	0.4867	0.1376	0.8984	0.8113
37.4	0.9509	0.9837	0.9073	0.9665	0.3759	0.2402	0.8663	0.7531
37.5	0.9627	0.9878	0.9375	0.9747	0.5226	0.1499	0.8484	0.7849
37.6	0.9641	0.9849	0.9414	0.9690	0.5511	0.3081	0.8906	0.8238
37.7	0.9750	0.9872	0.9512	0.9778	0.5270	0.3538	0.8953	0.8436
37.8	0.9785	0.9908	0.9602	0.9833	0.4038	0.2643	0.8757	0.8435
37.9	0.9756	0.9871	0.9555	0.9774	0.3471	0.2218	0.8673	0.7808
38.0	0.9807	0.9900	0.9604	0.9787	0.4141	0.2873	0.8838	0.8296
38.1	0.9742	0.9905	0.9428	0.9794	0.2760	0.3076	0.8995	0.8231
38.2	0.9778	0.9908	0.9441	0.9780	0.2496	0.3167	0.9081	0.8387
38.3	0.9826	0.9924	0.9457	0.9815	0.3260	0.4463	0.9202	0.8697
38.4	0.9844	0.9938	0.9533	0.9818	0.5173	0.4889	0.9449	0.9185
38.5	0.9732	0.9920	0.9252	0.9761	0.5046	0.4832	0.9300	0.8975
38.6	0.9772	0.9911	0.9263	0.9766	0.5243	0.4439	0.9196	0.8411
38.7	0.9787	0.9928	0.9244	0.9783	0.5997	0.5174	0.9356	0.8669
38.8	0.9685	0.9932	0.8995	0.9768	0.6949	0.6351	0.9408	0.8928
38.9	0.9710	0.9929	0.8988	0.9743	0.6506	0.5332	0.9392	0.8801
39.0	0.9731	0.9940	0.8883	0.9757	0.6997	0.6199	0.9370	0.8318
39.1	0.9758	0.9949	0.8914	0.9803	0.7892	0.6975	0.9267	0.8536
39.2	0.9736	0.9929	0.8546	0.9734	0.7393	0.6799	0.9077	0.8366
39.3	0.9752	0.9946	0.8721	0.9771	0.7323	0.7371	0.9331	0.8653
39.4	0.9654	0.9955	0.8744	0.9737	0.7852	0.7746	0.9288	0.8558
39.5	0.9452	0.9943	0.8318	0.9722	0.7302	0.6816	0.9145	0.8383
39.6	0.9675	0.9960	0.8735	0.9783	0.7822	0.7164	0.9219	0.8230
39.7	0.9729	0.9963	0.8907	0.9781	0.7678	0.7711	0.9166	0.8344
39.8	0.9641	0.9961	0.8655	0.9794	0.7426	0.6925	0.9301	0.8710
39.9	0.9580	0.9962	0.8829	0.9802	0.7708	0.7613	0.9468	0.8821
40.0	0.9516	0.9949	0.8495	0.9735	0.7915	0.7388	0.9336	0.8498
40.1	0.9631	0.9951	0.8332	0.9750	0.8217	0.6369	0.9374	0.8404
40.2	0.9680	0.9962	0.8392	0.9761	0.7834	0.6627	0.9506	0.8412
40.3	0.9687	0.9958	0.8306	0.9742	0.7880	0.6845	0.9254	0.8397
40.4	0.9680	0.9962	0.8530	0.9737	0.8024	0.6303	0.9379	0.8535
40.5	0.9697	0.9969	0.8387	0.9803	0.7881	0.6495	0.9389	0.8153
40.6	0.9679	0.9958	0.8650	0.9733	0.7419	0.6283	0.9160	0.8006
40.7	0.9768	0.9944	0.8742	0.9679	0.7055	0.6320	0.8926	0.7906
40.8	0.9705	0.9936	0.8406	0.9671	0.7531	0.6483	0.8894	0.7851
40.9	0.9676	0.9948	0.8590	0.9764	0.7447	0.5759	0.8863	0.8072
41.0	0.9814	0.9962	0.8798	0.9813	0.7591	0.6598	0.9173	0.7869
41.1	0.9849	0.9956	0.7999	0.9745	0.7343	0.7041	0.8972	0.7805
41.2	0.9732	0.9963	0.7724	0.9750	0.6466	0.6845	0.8785	0.8052
41.3	0.9686	0.9959	0.7943	0.9725	0.7210	0.6705	0.8932	0.7938
41.4	0.9794	0.9951	0.7516	0.9699	0.7738	0.6453	0.8611	0.7229
41.5	0.9837	0.9953	0.7315	0.9700	0.8083	0.5322	0.8780	0.6693
41.6	0.9814	0.9943	0.6028	0.9587	0.7897	0.6622	0.8724	0.6287
41.7	0.9775	0.9943	0.5749	0.9612	0.7564	0.6251	0.8236	0.7519
41.8	0.9801	0.9948	0.6442	0.9691	0.7851	0.5886	0.8007	0.7364
41.9	0.9798	0.9934	0.4267	0.9560	0.8054	0.4459	0.7520	0.6656
42.0	0.9772	0.9923	0.4751	0.9447	0.7829	0.6197	0.7591	0.5977
42.1	0.9690	0.9924	0.3717	0.9470	0.6193	0.6021	0.6703	0.5432
42.2	0.9618	0.9937	0.5398	0.9556	0.5318	0.5416	0.5892	0.6187
42.3	0.9707	0.9932	0.4711	0.9535	0.5829	0.6281	0.6720	0.6292

42.4	0.9764	0.9936	0.5630	0.9604	0.5919	0.5824	0.6871	0.6549
42.5	0.9782	0.9938	0.5503	0.9563	0.6080	0.7425	0.7373	0.6552
42.6	0.9659	0.9934	0.4289	0.9535	0.6302	0.6452	0.7789	0.6100
42.7	0.9585	0.9946	0.4660	0.9565	0.7203	0.6964	0.7950	0.6314
42.8	0.9769	0.9963	0.2261	0.9647	0.8269	0.7218	0.8071	0.6466
42.9	0.9840	0.9952	0.0862	0.9533	0.7955	0.6934	0.7150	0.6107
43.0	0.9784	0.9929	0.0881	0.9408	0.7326	0.5592	0.6870	0.5490
43.1	0.9756	0.9939	0.0552	0.9460	0.8084	0.6331	0.7249	0.5026
43.2	0.9227	0.9946	0.0811	0.9467	0.8629	0.7407	0.7598	0.5614
43.3	0.9122	0.9939	0.0044	0.9041	0.8432	0.6829	0.6919	0.5362
43.4	0.9694	0.9931	0.2382	0.8721	0.8343	0.6659	0.6690	0.5264
43.5	0.9829	0.9956	0.3464	0.9299	0.8460	0.6230	0.6223	0.4534
43.6	0.9691	0.9952	0.4212	0.9390	0.8250	0.6564	0.3972	0.4295
43.7	0.9598	0.9940	0.3964	0.9443	0.8543	0.6518	0.3887	0.4224
43.8	0.9632	0.9945	0.0109	0.9408	0.8327	0.6915	0.2414	0.4166
43.9	0.9692	0.9955	0.2705	0.9382	0.8020	0.6938	0.3179	0.5636
44.0	0.9724	0.9925	0.2355	0.9146	0.6476	0.6187	0.2526	0.4066
44.1	0.9752	0.9953	0.4960	0.9422	0.6578	0.6650	0.2264	0.4481
44.2	0.9774	0.9935	0.6879	0.9121	0.6859	0.5671	0.3577	0.5507
44.3	0.9785	0.9925	0.7592	0.8988	0.6970	0.6047	0.6240	0.6657
44.4	0.9654	0.9938	0.6478	0.9080	0.7887	0.6205	0.6564	0.6802
44.5	0.9661	0.9938	0.3649	0.9156	0.8404	0.5652	0.6421	0.7471
44.6	0.9783	0.9934	0.3632	0.8876	0.7936	0.6270	0.6454	0.6930
44.7	0.9737	0.9932	0.4554	0.8648	0.5188	0.4995	0.4860	0.6661
44.8	0.9384	0.9922	0.5208	0.8215	0.3645	0.4000	0.4493	0.5711
44.9	0.9616	0.9925	0.8397	0.7792	0.5042	0.3002	0.3819	0.7106
45.0	0.9857	0.9941	0.8722	0.8622	0.4783	0.2511	0.4791	0.7178
45.1	0.9780	0.9902	0.8189	0.7144	0.4836	0.2016	0.5285	0.6283
45.2	0.9581	0.9884	0.7991	0.5923	0.6188	0.1451	0.4258	0.6441
45.3	0.9457	0.9896	0.6694	0.6446	0.5170	0.3061	0.4756	0.6459
45.4	0.9307	0.9899	0.5379	0.6082	0.3670	0.2706	0.6520	0.6137
45.5	0.9477	0.9913	0.7049	0.5274	0.5759	0.2866	0.6964	0.6322
45.6	0.9766	0.9925	0.8585	0.5670	0.7416	0.4162	0.8195	0.7103
45.7	0.9554	0.9915	0.7945	0.5121	0.7708	0.4916	0.7413	0.6767
45.8	0.9618	0.9925	0.8108	0.4961	0.6687	0.5351	0.8278	0.6148
45.9	0.9762	0.9931	0.8620	0.3904	0.7924	0.4673	0.8383	0.6336
46.0	0.9751	0.9919	0.8563	0.2494	0.8363	0.3790	0.8263	0.6325
46.1	0.9765	0.9919	0.8194	0.1694	0.7953	0.3928	0.8170	0.7019
46.2	0.9740	0.9944	0.7062	0.2308	0.7578	0.5422	0.8760	0.7986
46.3	0.9677	0.9941	0.7346	0.1650	0.7531	0.4880	0.8934	0.7840
46.4	0.9821	0.9940	0.8575	0.0088	0.8301	0.6183	0.9150	0.8033
46.5	0.9828	0.9943	0.8048	0.1928	0.7710	0.3944	0.8514	0.7709
46.6	0.9815	0.9933	0.6792	0.2346	0.6833	0.2920	0.8495	0.8237
46.7	0.9837	0.9927	0.5413	0.3044	0.6522	0.3924	0.9041	0.8332
46.8	0.9832	0.9947	0.4899	0.5179	0.7660	0.3381	0.9133	0.8621
46.9	0.9776	0.9943	0.5035	0.4341	0.7446	0.2829	0.9022	0.8124
47.0	0.9628	0.9928	0.6102	0.3974	0.7074	0.2785	0.8724	0.8118
47.1	0.9644	0.9936	0.4723	0.6483	0.7924	0.5203	0.9003	0.8790
47.2	0.9771	0.9940	0.1634	0.6889	0.8496	0.5051	0.8638	0.8932
47.3	0.9884	0.9939	0.2355	0.6582	0.8328	0.3408	0.7546	0.8645
47.4	0.9864	0.9936	0.2336	0.6124	0.8104	0.4214	0.6315	0.8289
47.5	0.9756	0.9944	0.2919	0.5919	0.8502	0.3708	0.5994	0.8563
47.6	0.9636	0.9942	0.6545	0.5205	0.8293	0.4790	0.6351	0.8637
47.7	0.9672	0.9926	0.8025	0.5803	0.8134	0.4096	0.5260	0.8251
47.8	0.9619	0.9947	0.6214	0.7214	0.8399	0.3773	0.3234	0.8463
47.9	0.9560	0.9944	0.3441	0.7259	0.8213	0.4952	0.5201	0.8946
48.0	0.9660	0.9947	0.4734	0.6894	0.8017	0.5048	0.4767	0.8713
48.1	0.9704	0.9936	0.4395	0.7907	0.7386	0.5945	0.6756	0.8935
48.2	0.9811	0.9942	0.5474	0.8007	0.6938	0.5679	0.7378	0.9062
48.3	0.9773	0.9940	0.4550	0.7775	0.5649	0.6793	0.7671	0.8767
48.4	0.9763	0.9934	0.4904	0.6983	0.6072	0.6865	0.7677	0.8554
48.5	0.9753	0.9928	0.5727	0.7398	0.6395	0.6507	0.7638	0.8703
48.6	0.9759	0.9934	0.7037	0.7150	0.6245	0.6184	0.7752	0.8539
48.7	0.9770	0.9919	0.7743	0.6943	0.6879	0.6504	0.7479	0.8580
48.8	0.9752	0.9938	0.7884	0.7944	0.8000	0.7793	0.8259	0.9017
48.9	0.9731	0.9963	0.6025	0.8446	0.8527	0.8192	0.7941	0.8889
49.0	0.9609	0.9948	0.4776	0.8016	0.8806	0.8687	0.6791	0.8716
49.1	0.9583	0.9952	0.5635	0.8484	0.8793	0.8819	0.6566	0.8751
49.2	0.9438	0.9909	0.6952	0.7862	0.8416	0.8605	0.6395	0.8104
49.3	0.9729	0.9927	0.8337	0.7762	0.8912	0.8344	0.6613	0.8683
49.4	0.9733	0.9915	0.8778	0.7889	0.9070	0.8393	0.6141	0.8823
49.5	0.9794	0.9940	0.8529	0.8606	0.9398	0.8791	0.6607	0.9171
49.6	0.9831	0.9928	0.8141	0.8726	0.9396	0.8799	0.7263	0.9393
49.7	0.9841	0.9944	0.8345	0.8909	0.9222	0.8981	0.7123	0.9259
49.8	0.9745	0.9936	0.8662	0.8420	0.9290	0.8760	0.6727	0.9212
49.9	0.9672	0.9935	0.8499	0.8770	0.9306	0.9028	0.7126	0.9272
50.0	0.9738	0.9899	0.8523	0.8802	0.9366	0.8915	0.7897	0.9226
50.1	0.9787	0.9910	0.8576	0.8373	0.9099	0.8616	0.7600	0.9063
50.2	0.9816	0.9898	0.8365	0.8390	0.8928	0.8492	0.6571	0.8954
50.3	0.9816	0.9918	0.8058	0.9060	0.9052	0.8497	0.7157	0.8855
50.4	0.9875	0.9941	0.8000	0.9321	0.9370	0.9011	0.7421	0.9040
50.5	0.9846	0.9931	0.8608	0.9315	0.9200	0.8980	0.6546	0.9265
50.6	0.9831	0.9907	0.8643	0.9298	0.8950	0.9031	0.5931	0.9370
50.7	0.9733	0.9928	0.8757	0.9152	0.8852	0.9061	0.7152	0.9374
50.8	0.9839	0.9952	0.9406	0.9506	0.9250	0.9221	0.7997	0.9410
50.9	0.9771	0.9928	0.9172	0.9297	0.8775	0.9128	0.7204	0.9258

51.0	0.9703	0.9914	0.9119	0.9254	0.8611	0.8894	0.7664	0.9029
51.1	0.9828	0.9930	0.9496	0.9296	0.8479	0.9102	0.8265	0.9138
51.2	0.9837	0.9922	0.9457	0.9311	0.8500	0.8849	0.8397	0.9104
51.3	0.9885	0.9947	0.9711	0.9547	0.9026	0.9124	0.8895	0.9470
51.4	0.9793	0.9935	0.9558	0.9355	0.8751	0.9144	0.8133	0.9374
51.5	0.9829	0.9935	0.9440	0.9336	0.8549	0.8998	0.4496	0.8995
51.6	0.9861	0.9930	0.9585	0.9495	0.8908	0.9165	0.4516	0.8965
51.7	0.9840	0.9941	0.9614	0.9515	0.8465	0.9071	0.7646	0.8931
51.8	0.9852	0.9949	0.9648	0.9564	0.8350	0.9329	0.8512	0.9005
51.9	0.9638	0.9927	0.9505	0.9441	0.7461	0.8989	0.8918	0.8968
52.0	0.9772	0.9940	0.9623	0.9534	0.7138	0.9413	0.8975	0.8990
52.1	0.9852	0.9942	0.9805	0.9585	0.7849	0.9496	0.9224	0.9124
52.2	0.9883	0.9951	0.9671	0.9693	0.7387	0.9397	0.9398	0.9090
52.3	0.9848	0.9958	0.9582	0.9644	0.5219	0.9354	0.9643	0.9102
52.4	0.9780	0.9919	0.9569	0.9488	0.3705	0.9169	0.9531	0.8836
52.5	0.9733	0.9938	0.9453	0.9592	0.1114	0.9183	0.9625	0.8536
52.6	0.9755	0.9954	0.9606	0.9647	0.3871	0.9441	0.9689	0.8715
52.7	0.9758	0.9959	0.9569	0.9614	0.4237	0.9539	0.9716	0.8388
52.8	0.9864	0.9966	0.9758	0.9604	0.5816	0.9507	0.9653	0.8964
52.9	0.9891	0.9956	0.9634	0.9657	0.8001	0.9293	0.9598	0.9049
53.0	0.9858	0.9937	0.9696	0.9446	0.8293	0.9002	0.9587	0.8963
53.1	0.9840	0.9952	0.9784	0.9552	0.8568	0.9197	0.9672	0.9293
53.2	0.9830	0.9966	0.9755	0.9679	0.8425	0.9322	0.9775	0.9150
53.3	0.9653	0.9962	0.8847	0.9598	0.8076	0.8981	0.9670	0.8489
53.4	0.9555	0.9952	0.7896	0.9550	0.8775	0.8936	0.9667	0.6859
53.5	0.9758	0.9952	0.9039	0.9547	0.8881	0.8877	0.9725	0.6420
53.6	0.9792	0.9969	0.9085	0.9555	0.8598	0.7803	0.9683	0.6115
53.7	0.9854	0.9972	0.9376	0.9610	0.8794	0.7422	0.9749	0.7386
53.8	0.9852	0.9959	0.9436	0.9527	0.7865	0.7477	0.9716	0.7500
53.9	0.9934	0.9963	0.9728	0.9502	0.8595	0.8650	0.9719	0.7743
54.0	0.9903	0.9961	0.9821	0.9402	0.8828	0.8706	0.9682	0.7829
54.1	0.9818	0.9955	0.9696	0.9087	0.8356	0.8274	0.9662	0.7928
54.2	0.9801	0.9946	0.9557	0.9045	0.7634	0.7797	0.9577	0.7821
54.3	0.9802	0.9945	0.9641	0.8986	0.7960	0.7731	0.9407	0.7986
54.4	0.9852	0.9956	0.9699	0.9305	0.7988	0.7497	0.9614	0.8477
54.5	0.9829	0.9957	0.9682	0.9278	0.8147	0.6229	0.9604	0.8530
54.6	0.9790	0.9940	0.9511	0.9065	0.8088	0.2782	0.9568	0.8237
54.7	0.9747	0.9946	0.9186	0.9207	0.8208	0.1936	0.9710	0.8718
54.8	0.9771	0.9948	0.9211	0.8917	0.8392	0.3028	0.9521	0.8507
54.9	0.9828	0.9970	0.9680	0.9071	0.9123	0.3283	0.9635	0.8513
55.0	0.9792	0.9971	0.9771	0.9206	0.9166	0.2375	0.9710	0.8727
55.1	0.9672	0.9955	0.9646	0.8861	0.8682	0.1649	0.9537	0.8440
55.2	0.9649	0.9937	0.9650	0.8639	0.8970	0.0892	0.9347	0.8112
55.3	0.9557	0.9920	0.9710	0.8117	0.8919	0.1024	0.9239	0.8461
55.4	0.9572	0.9930	0.9705	0.8498	0.8862	0.1352	0.9513	0.8827
55.5	0.9378	0.9912	0.9380	0.8107	0.8801	0.2729	0.9350	0.8093
55.6	0.9618	0.9944	0.9595	0.8135	0.9409	0.4222	0.9410	0.8873
55.7	0.9641	0.9948	0.9677	0.8595	0.9589	0.5012	0.9552	0.9101
55.8	0.9606	0.9942	0.9653	0.8949	0.9555	0.6434	0.9681	0.9333
55.9	0.9429	0.9912	0.9387	0.8445	0.9137	0.7283	0.9604	0.9037
56.0	0.9334	0.9896	0.9037	0.7681	0.8925	0.7206	0.9365	0.8531
56.1	0.9588	0.9927	0.9379	0.8120	0.9094	0.7046	0.9441	0.8820
56.2	0.9680	0.9906	0.9581	0.8004	0.9291	0.7499	0.9405	0.9047
56.3	0.9723	0.9913	0.9597	0.8304	0.9356	0.7975	0.9646	0.9349
56.4	0.9708	0.9920	0.9706	0.8330	0.9245	0.8893	0.9529	0.9430
56.5	0.9733	0.9930	0.9640	0.8773	0.9203	0.8506	0.9527	0.9191
56.6	0.9832	0.9917	0.9687	0.8872	0.9291	0.8641	0.9340	0.9052
56.7	0.9766	0.9890	0.9677	0.8238	0.9087	0.8662	0.9250	0.9157
56.8	0.9768	0.9886	0.9735	0.8452	0.8990	0.8574	0.9372	0.9351
56.9	0.9811	0.9898	0.9725	0.8533	0.9261	0.8714	0.9426	0.9235
57.0	0.9830	0.9888	0.9731	0.7929	0.9121	0.8911	0.9508	0.9376
57.1	0.9775	0.9889	0.9740	0.7591	0.8771	0.8802	0.9376	0.9271
57.2	0.9805	0.9897	0.9759	0.8288	0.9007	0.9118	0.9275	0.9317
57.3	0.9849	0.9884	0.9813	0.8624	0.9246	0.9507	0.9353	0.9637
57.4	0.9767	0.9860	0.9725	0.7953	0.8849	0.9067	0.9231	0.9522
57.5	0.9764	0.9841	0.9794	0.8098	0.8866	0.8976	0.9009	0.9414
57.6	0.9759	0.9826	0.9813	0.8291	0.8841	0.9124	0.8852	0.9547
57.7	0.9857	0.9866	0.9816	0.8559	0.9250	0.9217	0.8839	0.9576
57.8	0.9838	0.9869	0.9784	0.8642	0.8969	0.8701	0.8149	0.9464
57.9	0.9709	0.9812	0.9677	0.7932	0.8760	0.8437	0.7936	0.9409
58.0	0.9776	0.9805	0.9702	0.8471	0.9000	0.8625	0.7705	0.9533
58.1	0.9839	0.9857	0.9752	0.8676	0.9028	0.8711	0.7452	0.9674
58.2	0.9754	0.9867	0.9607	0.8624	0.9117	0.8581	0.6286	0.9636
58.3	0.9814	0.9837	0.9646	0.8308	0.8646	0.8579	0.4932	0.9650
58.4	0.9805	0.9813	0.9740	0.8469	0.9010	0.8813	0.3403	0.9713
58.5	0.9845	0.9769	0.9793	0.8805	0.8914	0.9081	0.2270	0.9633
58.6	0.9838	0.9794	0.9763	0.8816	0.8874	0.9014	0.1654	0.9724
58.7	0.9844	0.9818	0.9750	0.8898	0.9027	0.9123	0.2111	0.9754
58.8	0.9837	0.9806	0.9753	0.8785	0.9054	0.9059	0.2565	0.9704
58.9	0.9813	0.9818	0.9719	0.9045	0.8935	0.8829	0.2519	0.9621
59.0	0.9847	0.9797	0.9699	0.9129	0.6988	0.8502	0.1460	0.8969
59.1	0.9818	0.9727	0.9671	0.8502	0.5724	0.7617	0.1673	0.8377
59.2	0.9828	0.9743	0.9806	0.8439	0.9182	0.8660	0.5507	0.9599
59.3	0.9786	0.9757	0.9775	0.8538	0.9056	0.8203	0.5557	0.9481
59.4	0.9797	0.9786	0.9791	0.8476	0.9326	0.8463	0.4682	0.9577
59.5	0.9802	0.9740	0.9760	0.8324	0.9150	0.8237	0.4444	0.9413

59.6	0.9773	0.9708	0.9707	0.7802	0.8965	0.8239	0.3538	0.9309
59.7	0.9759	0.9659	0.9650	0.7920	0.8832	0.8233	0.5005	0.9343
59.8	0.9828	0.9255	0.9329	0.7957	0.8351	0.7349	0.4576	0.9387
59.9	0.9841	0.0186	0.0404	0.1487	0.8025	0.7435	0.4479	0.9345
60.0	0.9812	0.0011	0.0183	0.0325	0.8935	0.6519	0.4465	0.9166
60.1	0.9775	0.0323	0.0002	0.0265	0.8343	0.6288	0.4597	0.9001
60.2	0.9813	0.8548	0.8491	0.8045	0.8657	0.6610	0.6165	0.9273
60.3	0.9830	0.9601	0.9718	0.8231	0.9159	0.7728	0.7071	0.9218
60.4	0.9796	0.9685	0.9827	0.8038	0.8968	0.6403	0.6118	0.8938
60.5	0.9812	0.9741	0.9849	0.7955	0.8520	0.4725	0.6753	0.9038
60.6	0.9787	0.9713	0.9824	0.7869	0.8101	0.5038	0.7355	0.8478
60.7	0.9780	0.9683	0.9798	0.8093	0.8192	0.4649	0.7000	0.7996
60.8	0.9716	0.9530	0.9780	0.7839	0.8054	0.5686	0.6809	0.8617
60.9	0.9773	0.9607	0.9851	0.8476	0.9019	0.5493	0.7246	0.9340
61.0	0.9857	0.9729	0.9810	0.9022	0.9116	0.5841	0.6783	0.9478
61.1	0.9831	0.9751	0.9783	0.8435	0.8703	0.4423	0.6579	0.9045
61.2	0.9809	0.9658	0.9806	0.8465	0.8880	0.3209	0.6621	0.8789
61.3	0.9826	0.9720	0.9880	0.8706	0.9249	0.3795	0.6586	0.9152
61.4	0.9792	0.9686	0.9871	0.8462	0.9301	0.3214	0.6566	0.9021
61.5	0.9771	0.9596	0.9862	0.8512	0.9330	0.2640	0.7126	0.8346
61.6	0.9786	0.9526	0.9891	0.8838	0.9381	0.2911	0.7300	0.8569
61.7	0.9824	0.9667	0.9864	0.8837	0.9408	0.5411	0.6277	0.8343
61.8	0.9884	0.9791	0.9886	0.8889	0.9607	0.6201	0.4918	0.8650
61.9	0.9866	0.9740	0.9866	0.8869	0.9472	0.7521	0.4568	0.8666
62.0	0.9819	0.9707	0.9771	0.8591	0.9386	0.7184	0.2300	0.8383
62.1	0.9810	0.9739	0.9878	0.8721	0.9549	0.7890	0.1927	0.8978
62.2	0.9827	0.9719	0.9916	0.9016	0.9577	0.8482	0.1572	0.9143
62.3	0.9862	0.9771	0.9897	0.9161	0.9558	0.8617	0.0913	0.9013
62.4	0.9843	0.9755	0.9856	0.9057	0.9540	0.8595	0.2192	0.8598
62.5	0.9861	0.9728	0.9854	0.9174	0.9586	0.9012	0.4420	0.8571
62.6	0.9795	0.9608	0.9820	0.9286	0.9525	0.8543	0.5327	0.7880
62.7	0.9788	0.9627	0.9863	0.9171	0.9604	0.8277	0.6017	0.7950
62.8	0.9891	0.9787	0.9916	0.9415	0.9694	0.8784	0.6409	0.8569
62.9	0.9870	0.9799	0.9878	0.9466	0.9620	0.8847	0.6541	0.8295
63.0	0.9889	0.9775	0.9873	0.9416	0.9584	0.8751	0.6361	0.7690
63.1	0.9891	0.9732	0.9869	0.9248	0.9512	0.8910	0.6197	0.7755
63.2	0.9885	0.9715	0.9867	0.9293	0.9394	0.9039	0.7067	0.7839
63.3	0.9845	0.9657	0.9869	0.9232	0.9279	0.8777	0.7070	0.7877
63.4	0.9812	0.9622	0.9852	0.9175	0.9410	0.8595	0.7033	0.8232
63.5	0.9773	0.9620	0.9844	0.9216	0.9337	0.8497	0.7537	0.7754
63.6	0.9768	0.9580	0.9874	0.9102	0.9351	0.8443	0.7519	0.6938
63.7	0.9780	0.9641	0.9908	0.9101	0.9541	0.9151	0.8746	0.8060
63.8	0.9814	0.9674	0.9910	0.9307	0.9608	0.9158	0.9177	0.8171
63.9	0.9797	0.9611	0.9897	0.9139	0.9358	0.8886	0.9039	0.8041
64.0	0.9798	0.9685	0.9860	0.9134	0.9292	0.8871	0.9151	0.7670
64.1	0.9770	0.9539	0.9876	0.9262	0.9123	0.8577	0.9183	0.7429
64.2	0.9611	0.9234	0.9871	0.9002	0.9126	0.7848	0.9122	0.7856
64.3	0.9667	0.9367	0.9872	0.8802	0.9232	0.8356	0.9379	0.8163
64.4	0.9548	0.9088	0.9850	0.8881	0.9291	0.8001	0.9503	0.8596
64.5	0.9560	0.9086	0.9865	0.8840	0.9249	0.8185	0.9542	0.8876
64.6	0.9698	0.9417	0.9879	0.9229	0.9233	0.7708	0.9592	0.9225
64.7	0.9737	0.9459	0.9896	0.9256	0.9102	0.7186	0.9599	0.9454
64.8	0.9692	0.9337	0.9885	0.9117	0.7996	0.7788	0.9577	0.9323
64.9	0.9648	0.9328	0.9802	0.8979	0.7381	0.7245	0.9682	0.9326
65.0	0.9721	0.9375	0.9850	0.9178	0.7168	0.7593	0.9627	0.9490
65.1	0.9523	0.9079	0.9790	0.8729	0.6938	0.6294	0.9564	0.9099
65.2	0.9514	0.9226	0.9803	0.8767	0.7922	0.7444	0.9652	0.9126
65.3	0.9641	0.9354	0.9806	0.8567	0.8046	0.7138	0.9643	0.9149
65.4	0.9637	0.9317	0.9778	0.8575	0.7949	0.7093	0.9600	0.9149
65.5	0.9527	0.9221	0.9748	0.8770	0.7321	0.6670	0.9505	0.8761
65.6	0.9602	0.9346	0.9813	0.8948	0.7913	0.6765	0.9550	0.8833
65.7	0.9463	0.9090	0.9799	0.8758	0.8002	0.5892	0.9418	0.8740
65.8	0.9336	0.8965	0.9784	0.8760	0.7777	0.5484	0.9202	0.8397
65.9	0.9386	0.8847	0.9732	0.8866	0.7606	0.7190	0.9291	0.8176
66.0	0.9340	0.8771	0.9700	0.8511	0.7843	0.6625	0.9315	0.7674
66.1	0.9436	0.9098	0.9786	0.8786	0.8079	0.7443	0.9287	0.8233
66.2	0.9411	0.9115	0.9723	0.8780	0.8299	0.6868	0.9320	0.7757
66.3	0.9399	0.8889	0.9737	0.8974	0.8583	0.7740	0.9264	0.7571
66.4	0.9377	0.9040	0.9749	0.8897	0.8642	0.7931	0.9415	0.7622
66.5	0.9420	0.9142	0.9691	0.8851	0.8537	0.7531	0.9281	0.7197
66.6	0.9527	0.9176	0.9689	0.9004	0.8994	0.8061	0.9277	0.7401
66.7	0.9412	0.9173	0.9648	0.9045	0.9149	0.7920	0.9044	0.7016
66.8	0.9214	0.9080	0.9551	0.8810	0.8998	0.8108	0.8766	0.5961
66.9	0.9332	0.9292	0.9468	0.8551	0.8571	0.7726	0.8785	0.5706
67.0	0.9298	0.9015	0.9523	0.8785	0.8589	0.8223	0.8626	0.6167
67.1	0.8958	0.8388	0.9557	0.8405	0.8128	0.7467	0.8588	0.4812
67.2	0.9225	0.8531	0.9620	0.8526	0.8136	0.7943	0.8422	0.3452
67.3	0.9350	0.8852	0.9606	0.9084	0.8581	0.8345	0.8477	0.2366
67.4	0.9189	0.8961	0.9288	0.9131	0.8308	0.7698	0.7776	0.2169
67.5	0.9286	0.8941	0.9250	0.9090	0.7782	0.7620	0.6628	0.3484
67.6	0.9275	0.8657	0.9375	0.9093	0.8447	0.6836	0.6101	0.3703
67.7	0.9470	0.8827	0.9448	0.9287	0.8363	0.7706	0.5933	0.4938
67.8	0.9457	0.8591	0.9479	0.9169	0.8224	0.7247	0.5019	0.4531
67.9	0.9463	0.8868	0.9426	0.9190	0.8399	0.7266	0.4632	0.4936
68.0	0.9484	0.9000	0.9439	0.9439	0.8790	0.6700	0.4641	0.4703
68.1	0.9403	0.8717	0.9471	0.9366	0.8218	0.5858	0.3575	0.5125

68.2	0.9399	0.7961	0.9374	0.9027	0.6166	0.4824	0.3219	0.4237
68.3	0.9603	0.8674	0.9357	0.9210	0.5597	0.6045	0.4641	0.4869
68.4	0.9557	0.9116	0.9375	0.9326	0.3214	0.6928	0.4721	0.5048
68.5	0.9530	0.8612	0.9267	0.9174	0.0813	0.7870	0.4218	0.4947
68.6	0.9594	0.8103	0.9286	0.9137	0.0917	0.7885	0.5974	0.5266
68.7	0.9649	0.8795	0.9368	0.9302	0.1196	0.8046	0.7930	0.6153
68.8	0.9642	0.8811	0.9384	0.9381	0.3168	0.8514	0.8354	0.6475
68.9	0.9657	0.8587	0.9346	0.9383	0.5317	0.8235	0.8736	0.6776
69.0	0.9702	0.8787	0.9269	0.9531	0.6400	0.8632	0.8854	0.5486
69.1	0.9683	0.8250	0.9413	0.9547	0.7599	0.8776	0.8861	0.4826
69.2	0.9714	0.8624	0.9455	0.9518	0.8133	0.8952	0.9240	0.5817
69.3	0.9643	0.8595	0.9386	0.9464	0.8284	0.8891	0.9297	0.7380
69.4	0.9698	0.8301	0.9419	0.9437	0.8578	0.9111	0.9340	0.7851
69.5	0.9701	0.7754	0.9519	0.9349	0.8779	0.9030	0.9277	0.8194
69.6	0.9692	0.8152	0.9520	0.9422	0.8813	0.9114	0.9289	0.8281
69.7	0.9751	0.8796	0.9392	0.9549	0.9111	0.9152	0.9281	0.7982
69.8	0.9771	0.8841	0.9258	0.9610	0.9060	0.9075	0.9464	0.7657
69.9	0.9782	0.7950	0.9395	0.9448	0.9133	0.9150	0.9432	0.7630
70.0	0.9743	0.5550	0.9120	0.9557	0.8880	0.9032	0.9259	0.7318
70.1	0.9730	0.6931	0.9206	0.9481	0.8773	0.8856	0.9409	0.6798
70.2	0.9710	0.8466	0.9086	0.9372	0.8510	0.8802	0.9413	0.6113
70.3	0.9695	0.8214	0.9077	0.9355	0.8646	0.9095	0.9469	0.5672
70.4	0.9784	0.8301	0.9334	0.9552	0.9031	0.9078	0.9414	0.4128
70.5	0.9797	0.8089	0.8819	0.9531	0.9047	0.8671	0.8739	0.1360
70.6	0.9700	0.8009	0.8771	0.9440	0.9130	0.8466	0.8314	0.0425
70.7	0.9758	0.8721	0.9259	0.9509	0.9509	0.8813	0.8624	0.0268
70.8	0.9684	0.8669	0.9060	0.9388	0.9331	0.8578	0.8222	0.0494
70.9	0.9709	0.8261	0.8862	0.9131	0.9251	0.8261	0.7381	0.1745
71.0	0.9752	0.7679	0.8926	0.9080	0.9398	0.8826	0.7250	0.2261
71.1	0.9763	0.8015	0.9088	0.8926	0.9592	0.8191	0.7305	0.3924
71.2	0.9845	0.8812	0.9116	0.9296	0.9723	0.8508	0.7393	0.6876
71.3	0.9841	0.8845	0.9018	0.9442	0.9574	0.8174	0.7495	0.6801
71.4	0.9817	0.8172	0.9276	0.9296	0.9587	0.7207	0.8415	0.7462
71.5	0.9806	0.8007	0.9285	0.9035	0.9613	0.7001	0.8889	0.7663
71.6	0.9697	0.8267	0.9257	0.9097	0.9530	0.6844	0.8846	0.7802
71.7	0.9791	0.8368	0.9402	0.9156	0.9595	0.5979	0.8962	0.8297
71.8	0.9820	0.8456	0.9381	0.9259	0.9596	0.6127	0.9137	0.8100
71.9	0.9877	0.8732	0.9401	0.9461	0.9628	0.7231	0.9246	0.8500
72.0	0.9816	0.7847	0.9411	0.9043	0.9549	0.7146	0.9034	0.8302
72.1	0.9804	0.7608	0.9505	0.8830	0.9580	0.7108	0.9167	0.8461
72.2	0.9848	0.8466	0.9562	0.9103	0.9725	0.7395	0.9503	0.8914
72.3	0.9836	0.8080	0.9542	0.9123	0.9618	0.7802	0.9406	0.8776
72.4	0.9832	0.7885	0.9393	0.8892	0.9479	0.7943	0.9093	0.8205
72.5	0.9836	0.8132	0.9410	0.8797	0.9563	0.7924	0.9075	0.8209
72.6	0.9836	0.8050	0.9466	0.9091	0.9593	0.7848	0.9183	0.8592
72.7	0.9829	0.7684	0.9540	0.9003	0.9532	0.8242	0.9332	0.8584
72.8	0.9848	0.7622	0.9437	0.9197	0.9458	0.8089	0.9170	0.8671
72.9	0.9858	0.7884	0.9444	0.9079	0.9515	0.8395	0.9136	0.8450
73.0	0.9844	0.7492	0.9503	0.8927	0.9509	0.8212	0.9148	0.8296
73.1	0.9818	0.6699	0.9424	0.9103	0.9378	0.8243	0.8816	0.7591
73.2	0.9814	0.7255	0.9471	0.9301	0.9404	0.8609	0.8897	0.7742
73.3	0.9846	0.8260	0.9596	0.9440	0.9460	0.9015	0.9141	0.8251
73.4	0.9880	0.8360	0.9622	0.9545	0.9471	0.9065	0.9055	0.8211
73.5	0.9858	0.7705	0.9584	0.9325	0.9424	0.8506	0.8988	0.8514
73.6	0.9823	0.8089	0.9616	0.9455	0.9521	0.8710	0.9236	0.8659
73.7	0.9865	0.7928	0.9693	0.9523	0.9514	0.8726	0.9337	0.8522
73.8	0.9887	0.7285	0.9563	0.9501	0.9561	0.8771	0.9176	0.8800
73.9	0.9865	0.6393	0.9409	0.9299	0.9431	0.8466	0.8856	0.8404
74.0	0.9855	0.6809	0.9539	0.9417	0.9561	0.8707	0.9071	0.8495
74.1	0.9833	0.7240	0.9566	0.9335	0.9529	0.8387	0.9163	0.8505
74.2	0.9841	0.7255	0.9539	0.9349	0.9499	0.8375	0.9122	0.8140
74.3	0.9856	0.6842	0.9460	0.9456	0.9502	0.8395	0.9024	0.7796
74.4	0.9807	0.6650	0.9396	0.9428	0.9503	0.7919	0.8945	0.7854
74.5	0.9786	0.5797	0.9521	0.9260	0.9583	0.8182	0.9026	0.7811
74.6	0.9841	0.5616	0.9551	0.9370	0.9487	0.7755	0.8969	0.7863
74.7	0.9886	0.5244	0.9535	0.9347	0.9433	0.8049	0.9009	0.7761
74.8	0.9902	0.5809	0.9542	0.9583	0.9498	0.8358	0.9043	0.7559
74.9	0.9864	0.4374	0.9565	0.9305	0.9561	0.8151	0.9064	0.7205
75.0	0.9822	0.3789	0.9590	0.9209	0.9578	0.7576	0.9156	0.7880
75.1	0.9842	0.2904	0.9547	0.9146	0.9519	0.6889	0.9166	0.8149
75.2	0.9803	0.2325	0.9407	0.9009	0.9482	0.6058	0.8895	0.7193
75.3	0.9820	0.2170	0.9580	0.9022	0.9489	0.6335	0.8977	0.6412
75.4	0.9809	0.1455	0.9448	0.8862	0.9358	0.6500	0.8884	0.6454
75.5	0.9767	0.1035	0.9311	0.8477	0.9344	0.4706	0.8714	0.6655
75.6	0.9731	0.0158	0.9409	0.8423	0.9242	0.5546	0.8759	0.6799
75.7	0.9770	0.0017	0.9473	0.8607	0.9387	0.5041	0.8813	0.6912
75.8	0.9781	0.0825	0.9551	0.8435	0.9495	0.4976	0.9015	0.7075
75.9	0.9725	0.1717	0.9380	0.8071	0.9455	0.4254	0.8790	0.6562
76.0	0.9747	0.2790	0.9305	0.7813	0.9396	0.4462	0.8669	0.6542
76.1	0.9539	0.2618	0.9138	0.7156	0.9320	0.4058	0.8578	0.6607
76.2	0.9558	0.3575	0.9244	0.5686	0.9242	0.2385	0.8372	0.6747
76.3	0.9637	0.3800	0.9346	0.5254	0.9194	0.4425	0.8485	0.7054
76.4	0.9685	0.5043	0.9463	0.5510	0.9372	0.3339	0.8999	0.8040
76.5	0.9731	0.6219	0.9525	0.5682	0.9370	0.2897	0.8737	0.8390
76.6	0.9612	0.5956	0.9107	0.3234	0.8854	0.1322	0.7615	0.5764
76.7	0.9589	0.5551	0.8991	0.2980	0.8878	0.0187	0.7762	0.6228

76.8	0.9611	0.6537	0.8867	0.3690	0.8749	0.0271	0.7949	0.7566
76.9	0.9748	0.7255	0.9135	0.5656	0.9085	0.0426	0.8426	0.8094
77.0	0.9850	0.7867	0.9184	0.6334	0.9293	0.1022	0.8402	0.8312
77.1	0.9754	0.7786	0.9143	0.5730	0.8659	0.0548	0.7850	0.7855
77.2	0.9766	0.8357	0.9175	0.6607	0.8488	0.1883	0.7581	0.7712
77.3	0.9847	0.8415	0.8902	0.7313	0.8694	0.1507	0.7236	0.7511
77.4	0.9915	0.8784	0.9187	0.8070	0.8466	0.2609	0.7696	0.8287
77.5	0.9839	0.8382	0.9155	0.8096	0.7479	0.3464	0.6346	0.7542
77.6	0.9841	0.8970	0.9150	0.8700	0.6782	0.5094	0.5867	0.7635
77.7	0.9854	0.9037	0.8909	0.8629	0.4869	0.6031	0.5304	0.7587
77.8	0.9917	0.9139	0.9330	0.8869	0.3153	0.6563	0.5432	0.7981
77.9	0.9888	0.9236	0.9378	0.9023	0.1783	0.6444	0.5203	0.8094
78.0	0.9877	0.9332	0.9399	0.9024	0.0587	0.6830	0.4658	0.8108
78.1	0.9919	0.9388	0.9416	0.9314	0.0284	0.7385	0.4200	0.7854
78.2	0.9903	0.9187	0.9167	0.9408	0.0690	0.7545	0.2593	0.7438
78.3	0.9923	0.9307	0.9293	0.9483	0.1710	0.8066	0.3914	0.7662
78.4	0.9912	0.9635	0.9556	0.9569	0.3499	0.8692	0.5930	0.8532
78.5	0.9839	0.9404	0.9358	0.9367	0.3390	0.8434	0.5177	0.7881
78.6	0.9856	0.9479	0.9399	0.9459	0.4830	0.8198	0.5828	0.7759
78.7	0.9873	0.9500	0.9402	0.9626	0.6661	0.7919	0.6954	0.7788
78.8	0.9821	0.9329	0.9142	0.9468	0.7127	0.7615	0.6221	0.7068
78.9	0.9868	0.9591	0.9446	0.9561	0.7956	0.8609	0.6000	0.7651
79.0	0.9821	0.9617	0.9321	0.9569	0.7597	0.8285	0.6460	0.7375
79.1	0.9826	0.9452	0.9122	0.9556	0.7717	0.7900	0.7193	0.6849
79.2	0.9806	0.9456	0.9076	0.9431	0.7908	0.7595	0.7485	0.6245
79.3	0.9798	0.9456	0.9136	0.9631	0.8261	0.8145	0.8390	0.5340
79.4	0.9766	0.9471	0.9323	0.9678	0.8659	0.8255	0.8623	0.4957
79.5	0.9802	0.9529	0.9373	0.9701	0.8956	0.8459	0.8626	0.5244
79.6	0.9806	0.9536	0.9332	0.9701	0.9138	0.8257	0.8788	0.4586
79.7	0.9767	0.9558	0.9430	0.9634	0.9269	0.8096	0.8649	0.5266
79.8	0.9819	0.9625	0.9578	0.9729	0.9280	0.8659	0.8478	0.6649
79.9	0.9798	0.9680	0.9587	0.9697	0.9221	0.8472	0.8663	0.6012
80.0	0.9861	0.9696	0.9614	0.9733	0.9370	0.8839	0.8526	0.6371

2.2.47 Run 4 – IP050-200 – Accels 33–40

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.6563	0.0267	0.6443	0.2772	0.6802	0.1491	0.9577	0.7937
0.1	0.3094	0.0058	0.3601	0.0618	0.4477	0.0568	0.7624	0.3874
0.2	0.0141	0.0027	0.0042	0.0056	0.0257	0.0087	0.0114	0.0149
0.3	0.0495	0.0109	0.0052	0.0174	0.0659	0.0687	0.0168	0.0283
0.4	0.0232	0.0205	0.0384	0.0041	0.1011	0.0708	0.0034	0.0241
0.5	0.0088	0.0118	0.0102	0.0194	0.0258	0.0416	0.0072	0.0292
0.6	0.0092	0.0528	0.0519	0.0042	0.0203	0.0592	0.0200	0.0552
0.7	0.0910	0.1460	0.0122	0.0646	0.0714	0.0248	0.0241	0.0016
0.8	0.1015	0.3847	0.0045	0.1158	0.1419	0.0045	0.0074	0.0230
0.9	0.4261	0.7737	0.0087	0.2327	0.3183	0.0388	0.0503	0.0578
1.0	0.6185	0.8212	0.0559	0.4664	0.2531	0.0574	0.0624	0.1071
1.1	0.4395	0.7397	0.0569	0.2858	0.2552	0.1070	0.0428	0.0555
1.2	0.7493	0.9048	0.0231	0.5756	0.3752	0.0817	0.0126	0.0930
1.3	0.8649	0.8706	0.0793	0.7145	0.5013	0.2774	0.1302	0.1756
1.4	0.7975	0.7170	0.1716	0.1870	0.5397	0.4892	0.2156	0.1246
1.5	0.8517	0.7536	0.4174	0.5440	0.6311	0.7627	0.0029	0.1759
1.6	0.8592	0.7543	0.4605	0.8494	0.6269	0.8971	0.5020	0.7071
1.7	0.9452	0.8254	0.5372	0.9720	0.7663	0.9352	0.8490	0.7387
1.8	0.9625	0.8230	0.6907	0.9802	0.7864	0.9524	0.9371	0.6976
1.9	0.9509	0.8306	0.7670	0.9777	0.8314	0.9686	0.9490	0.7656
2.0	0.8717	0.7484	0.7562	0.9503	0.7987	0.9636	0.8838	0.7709
2.1	0.8880	0.8643	0.8730	0.9057	0.8869	0.9151	0.8959	0.9132
2.2	0.8292	0.9221	0.8402	0.8325	0.9241	0.8566	0.8321	0.9157
2.3	0.3517	0.8917	0.3835	0.3622	0.8440	0.4149	0.3482	0.7113
2.4	0.7211	0.9188	0.6533	0.7342	0.9389	0.6853	0.7250	0.6234
2.5	0.9192	0.9726	0.8370	0.9256	0.9764	0.8609	0.9238	0.6951
2.6	0.9727	0.9863	0.8902	0.9747	0.9884	0.9191	0.9722	0.7069
2.7	0.9862	0.9907	0.8953	0.9876	0.9929	0.9156	0.9860	0.6782
2.8	0.9871	0.9922	0.8051	0.9887	0.9891	0.8219	0.9877	0.6707
2.9	0.9961	0.9924	0.7088	0.9959	0.9928	0.7183	0.9953	0.6635
3.0	0.9969	0.9957	0.4891	0.9970	0.9932	0.5332	0.9951	0.7093
3.1	0.9982	0.9967	0.2668	0.9983	0.9946	0.7300	0.9958	0.6670
3.2	0.9986	0.9969	0.1157	0.9983	0.9958	0.8506	0.9948	0.6732
3.3	0.9989	0.9977	0.5728	0.9988	0.9961	0.9428	0.9968	0.6429
3.4	0.9990	0.9982	0.7497	0.9988	0.9963	0.9601	0.9976	0.6287
3.5	0.9990	0.9986	0.8562	0.9991	0.9967	0.9796	0.9981	0.6648
3.6	0.9993	0.9986	0.8824	0.9991	0.9956	0.9840	0.9973	0.6415
3.7	0.9994	0.9990	0.9354	0.9994	0.9963	0.9891	0.9976	0.6290
3.8	0.9995	0.9986	0.9516	0.9994	0.9972	0.9899	0.9973	0.5382
3.9	0.9996	0.9985	0.9712	0.9995	0.9974	0.9901	0.9966	0.4911
4.0	0.9996	0.9985	0.9736	0.9996	0.9964	0.9935	0.9963	0.4817
4.1	0.9995	0.9986	0.9720	0.9996	0.9941	0.9939	0.9943	0.4341
4.2	0.9993	0.9985	0.9749	0.9996	0.9936	0.9924	0.9907	0.4398
4.3	0.9994	0.9987	0.9836	0.9992	0.9947	0.9938	0.9849	0.5413
4.4	0.9995	0.9993	0.9903	0.9994	0.9947	0.9951	0.9825	0.6396
4.5	0.9994	0.9994	0.9895	0.9994	0.9953	0.9960	0.9786	0.6188
4.6	0.9991	0.9994	0.9873	0.9992	0.9940	0.9957	0.9729	0.5770
4.7	0.9990	0.9996	0.9873	0.9992	0.9927	0.9964	0.9766	0.6668
4.8	0.9989	0.9994	0.9855	0.9992	0.9931	0.9962	0.9709	0.6149
4.9	0.9986	0.9990	0.9872	0.9991	0.9878	0.9964	0.9670	0.4148
5.0	0.9983	0.9992	0.9895	0.9989	0.9871	0.9962	0.9724	0.4763
5.1	0.9985	0.9994	0.9884	0.9988	0.9875	0.9962	0.9732	0.5647
5.2	0.9984	0.9991	0.9899	0.9986	0.9840	0.9965	0.9655	0.4464
5.3	0.9978	0.9988	0.9900	0.9980	0.9847	0.9965	0.9609	0.4619
5.4	0.9974	0.9987	0.9911	0.9975	0.9868	0.9972	0.9614	0.4389
5.5	0.9974	0.9988	0.9901	0.9981	0.9868	0.9975	0.9614	0.5396
5.6	0.9966	0.9977	0.9878	0.9975	0.9840	0.9965	0.9502	0.4825
5.7	0.9959	0.9976	0.9896	0.9971	0.9861	0.9967	0.9568	0.4544
5.8	0.9945	0.9972	0.9912	0.9963	0.9870	0.9968	0.9392	0.3301
5.9	0.9942	0.9967	0.9896	0.9961	0.9874	0.9975	0.9274	0.2363
6.0	0.9946	0.9973	0.9900	0.9956	0.9863	0.9979	0.9449	0.0950
6.1	0.9961	0.9981	0.9899	0.9966	0.9888	0.9981	0.9589	0.0480
6.2	0.9972	0.9984	0.9906	0.9977	0.9870	0.9978	0.9721	0.0932
6.3	0.9950	0.9965	0.9891	0.9962	0.9743	0.9971	0.9519	0.0018
6.4	0.9902	0.9962	0.9789	0.9919	0.9703	0.9958	0.9446	0.0435
6.5	0.9922	0.9979	0.9681	0.9934	0.9827	0.9969	0.9677	0.0061
6.6	0.9936	0.9982	0.9733	0.9947	0.9831	0.9969	0.9725	0.0014
6.7	0.9929	0.9978	0.9477	0.9943	0.9843	0.9960	0.9743	0.0003
6.8	0.9907	0.9972	0.8485	0.9927	0.9811	0.9952	0.9577	0.0363
6.9	0.9889	0.9978	0.7884	0.9898	0.9758	0.9950	0.9261	0.1386
7.0	0.9841	0.9984	0.8121	0.9830	0.9764	0.9945	0.8883	0.3030
7.1	0.9474	0.9975	0.7599	0.9438	0.9769	0.9963	0.7380	0.3027
7.2	0.9518	0.9976	0.9049	0.9477	0.9815	0.9947	0.7997	0.3413
7.3	0.9750	0.9984	0.9725	0.9736	0.9844	0.9946	0.8417	0.3624
7.4	0.9569	0.9986	0.9805	0.9513	0.9793	0.9976	0.8732	0.2872
7.5	0.9562	0.9987	0.9896	0.9461	0.9822	0.9970	0.9307	0.1372
7.6	0.9664	0.9981	0.9941	0.9623	0.9738	0.9921	0.9341	0.0402
7.7	0.9841	0.9986	0.9970	0.9855	0.9773	0.9937	0.9323	0.0640
7.8	0.9895	0.9985	0.9964	0.9905	0.9770	0.9945	0.9385	0.0192
7.9	0.9923	0.9985	0.9979	0.9933	0.9780	0.9981	0.9154	0.1023

8.0	0.9858	0.9973	0.9949	0.9872	0.9771	0.9946	0.8676	0.1251
8.1	0.9920	0.9983	0.9973	0.9929	0.9822	0.9973	0.9296	0.1985
8.2	0.9918	0.9985	0.9969	0.9920	0.9770	0.9964	0.9429	0.1321
8.3	0.9884	0.9973	0.9925	0.9887	0.9644	0.9907	0.9114	0.0939
8.4	0.9914	0.9972	0.9951	0.9922	0.9717	0.9948	0.9438	0.0392
8.5	0.9907	0.9967	0.9906	0.9914	0.9679	0.9896	0.9289	0.0252
8.6	0.9940	0.9970	0.9922	0.9946	0.9683	0.9920	0.9409	0.0104
8.7	0.9959	0.9974	0.9955	0.9967	0.9677	0.9958	0.9481	0.0107
8.8	0.9930	0.9964	0.9847	0.9931	0.9693	0.9850	0.9317	0.0141
8.9	0.9903	0.9962	0.9769	0.9901	0.9773	0.9779	0.9010	0.3307
9.0	0.9814	0.9953	0.9633	0.9804	0.9707	0.9641	0.6216	0.5502
9.1	0.9881	0.9924	0.9828	0.9888	0.9650	0.9833	0.0937	0.5448
9.2	0.9532	0.9896	0.9217	0.9484	0.9595	0.9247	0.5132	0.4102
9.3	0.9368	0.9882	0.9254	0.9340	0.9512	0.9271	0.8212	0.4806
9.4	0.9429	0.9893	0.9518	0.9420	0.9533	0.9522	0.8847	0.5712
9.5	0.9466	0.9866	0.9697	0.9485	0.9620	0.9694	0.8333	0.7011
9.6	0.9325	0.9834	0.9793	0.9430	0.9655	0.9784	0.8382	0.6917
9.7	0.8959	0.9853	0.9846	0.9165	0.9622	0.9831	0.7092	0.6866
9.8	0.9366	0.9882	0.9934	0.9457	0.9717	0.9923	0.7225	0.6515
9.9	0.9272	0.9884	0.9953	0.9194	0.9817	0.9943	0.6472	0.6366
10.0	0.9350	0.9853	0.9966	0.9112	0.9738	0.9957	0.4812	0.6280
10.1	0.9415	0.9813	0.9963	0.9241	0.9680	0.9952	0.4313	0.4992
10.2	0.9500	0.9818	0.9968	0.9338	0.9708	0.9956	0.4506	0.2844
10.3	0.9754	0.9871	0.9988	0.9702	0.9767	0.9981	0.3883	0.3628
10.4	0.9874	0.9888	0.9992	0.9845	0.9828	0.9987	0.4864	0.4625
10.5	0.9880	0.9933	0.9990	0.9867	0.9876	0.9986	0.5478	0.4383
10.6	0.9837	0.9934	0.9983	0.9824	0.9868	0.9976	0.4153	0.3282
10.7	0.9886	0.9922	0.9985	0.9885	0.9845	0.9979	0.3900	0.3451
10.8	0.9898	0.9927	0.9989	0.9894	0.9886	0.9980	0.5124	0.4669
10.9	0.9894	0.9938	0.9990	0.9890	0.9891	0.9979	0.3646	0.4502
11.0	0.9846	0.9906	0.9988	0.9871	0.9827	0.9972	0.3216	0.4327
11.1	0.9922	0.9946	0.9992	0.9935	0.9886	0.9988	0.4483	0.6293
11.2	0.9930	0.9952	0.9994	0.9946	0.9866	0.9983	0.3644	0.5846
11.3	0.9913	0.9928	0.9991	0.9920	0.9809	0.9973	0.3571	0.4887
11.4	0.9931	0.9939	0.9989	0.9929	0.9825	0.9982	0.2535	0.6387
11.5	0.9950	0.9951	0.9990	0.9950	0.9874	0.9977	0.1877	0.7082
11.6	0.9953	0.9956	0.9989	0.9957	0.9886	0.9976	0.1541	0.7063
11.7	0.9954	0.9963	0.9988	0.9970	0.9917	0.9980	0.3887	0.7865
11.8	0.9948	0.9963	0.9986	0.9962	0.9884	0.9966	0.4536	0.7933
11.9	0.9958	0.9966	0.9990	0.9974	0.9883	0.9960	0.4337	0.8475
12.0	0.9955	0.9962	0.9988	0.9963	0.9895	0.9972	0.4644	0.8847
12.1	0.9957	0.9939	0.9982	0.9960	0.9870	0.9932	0.5147	0.8887
12.2	0.9961	0.9947	0.9988	0.9971	0.9843	0.9947	0.6278	0.8589
12.3	0.9954	0.9908	0.9988	0.9969	0.9857	0.9942	0.6343	0.8848
12.4	0.9938	0.9870	0.9980	0.9955	0.9818	0.9908	0.6805	0.8692
12.5	0.9917	0.9809	0.9964	0.9948	0.9758	0.9892	0.6549	0.8276
12.6	0.9895	0.9783	0.9969	0.9960	0.9765	0.9876	0.6855	0.8935
12.7	0.9897	0.9782	0.9963	0.9961	0.9767	0.9892	0.7382	0.9009
12.8	0.9900	0.9780	0.9956	0.9963	0.9780	0.9894	0.7535	0.8983
12.9	0.9869	0.9757	0.9937	0.9949	0.9753	0.9873	0.7972	0.8706
13.0	0.9851	0.9755	0.9906	0.9933	0.9711	0.9903	0.7916	0.9022
13.1	0.9816	0.9731	0.9880	0.9899	0.9720	0.9917	0.8154	0.9068
13.2	0.9852	0.9742	0.9855	0.9872	0.9727	0.9887	0.7935	0.8800
13.3	0.9830	0.9662	0.9774	0.9809	0.9630	0.9822	0.7651	0.8764
13.4	0.9626	0.9314	0.9550	0.9663	0.9305	0.9485	0.7802	0.7662
13.5	0.9703	0.9449	0.9652	0.9756	0.9444	0.9639	0.8437	0.8450
13.6	0.9671	0.9345	0.9533	0.9754	0.9355	0.9650	0.8774	0.8546
13.7	0.9737	0.9336	0.9472	0.9773	0.9359	0.9635	0.8809	0.8174
13.8	0.9851	0.9496	0.9529	0.9839	0.9521	0.9822	0.9059	0.8762
13.9	0.9872	0.9665	0.9717	0.9760	0.9686	0.9828	0.9445	0.8983
14.0	0.9842	0.9786	0.9757	0.9781	0.9805	0.9898	0.9435	0.9209
14.1	0.9605	0.9691	0.9584	0.9511	0.9714	0.9729	0.9475	0.8422
14.2	0.9578	0.9727	0.9697	0.9500	0.9756	0.9708	0.9640	0.8977
14.3	0.9326	0.9535	0.9592	0.9224	0.9541	0.9498	0.9536	0.8508
14.4	0.9180	0.9500	0.9602	0.9080	0.9553	0.9399	0.9449	0.7437
14.5	0.9551	0.9660	0.9815	0.9502	0.9695	0.9646	0.9654	0.7526
14.6	0.9625	0.9806	0.9910	0.9568	0.9823	0.9759	0.9662	0.7979
14.7	0.9758	0.9900	0.9931	0.9717	0.9904	0.9880	0.9794	0.7929
14.8	0.9712	0.9938	0.9840	0.9676	0.9906	0.9785	0.9826	0.6627
14.9	0.9843	0.9955	0.9912	0.9830	0.9912	0.9863	0.9806	0.6561
15.0	0.9889	0.9947	0.9908	0.9877	0.9926	0.9814	0.9732	0.5254
15.1	0.9906	0.9965	0.9908	0.9897	0.9962	0.9816	0.9797	0.4528
15.2	0.9915	0.9969	0.9923	0.9908	0.9957	0.9842	0.9838	0.2870
15.3	0.9937	0.9964	0.9954	0.9930	0.9954	0.9900	0.9822	0.1436
15.4	0.9918	0.9950	0.9939	0.9908	0.9940	0.9853	0.9731	0.0325
15.5	0.9927	0.9966	0.9956	0.9913	0.9953	0.9864	0.9677	0.1286
15.6	0.9941	0.9963	0.9970	0.9931	0.9956	0.9909	0.9630	0.2491
15.7	0.9945	0.9967	0.9968	0.9936	0.9951	0.9885	0.9496	0.2216
15.8	0.9952	0.9966	0.9969	0.9936	0.9954	0.9872	0.9571	0.3006
15.9	0.9940	0.9971	0.9981	0.9911	0.9953	0.9894	0.9594	0.2914
16.0	0.9957	0.9966	0.9989	0.9917	0.9959	0.9918	0.9618	0.2453
16.1	0.9965	0.9964	0.9976	0.9932	0.9958	0.9898	0.9571	0.4656
16.2	0.9972	0.9972	0.9962	0.9946	0.9968	0.9867	0.9411	0.4059
16.3	0.9963	0.9967	0.9952	0.9943	0.9967	0.9842	0.9294	0.4437
16.4	0.9961	0.9964	0.9940	0.9935	0.9960	0.9866	0.9317	0.5039
16.5	0.9942	0.9951	0.9926	0.9925	0.9952	0.9867	0.9188	0.6509

16.6	0.9952	0.9955	0.9952	0.9938	0.9944	0.9907	0.9390	0.7276
16.7	0.9950	0.9928	0.9969	0.9923	0.9897	0.9910	0.9242	0.7388
16.8	0.9935	0.9877	0.9950	0.9903	0.9885	0.9792	0.9146	0.6539
16.9	0.9937	0.9912	0.9918	0.9922	0.9910	0.9770	0.8949	0.6941
17.0	0.9939	0.9937	0.9923	0.9937	0.9903	0.9901	0.8676	0.7529
17.1	0.9921	0.9876	0.9718	0.9929	0.9877	0.9767	0.8357	0.7815
17.2	0.9948	0.9918	0.9895	0.9938	0.9890	0.9786	0.9068	0.7877
17.3	0.9944	0.9917	0.9951	0.9926	0.9879	0.9788	0.9077	0.7464
17.4	0.9941	0.9928	0.9962	0.9927	0.9897	0.9792	0.8964	0.8069
17.5	0.9946	0.9920	0.9961	0.9929	0.9881	0.9789	0.8357	0.8476
17.6	0.9935	0.9901	0.9945	0.9916	0.9856	0.9783	0.7841	0.8287
17.7	0.9884	0.9823	0.9909	0.9834	0.9803	0.9780	0.7431	0.8001
17.8	0.9921	0.9801	0.9913	0.9879	0.9846	0.9825	0.8071	0.8589
17.9	0.9903	0.9706	0.9903	0.9847	0.9817	0.9762	0.8067	0.8623
18.0	0.9894	0.9630	0.9906	0.9850	0.9806	0.9714	0.8251	0.8466
18.1	0.9877	0.9578	0.9872	0.9768	0.9748	0.9618	0.8259	0.8171
18.2	0.9865	0.9505	0.9863	0.9712	0.9628	0.9491	0.8112	0.8004
18.3	0.9794	0.9154	0.9814	0.9622	0.9565	0.9055	0.7063	0.7986
18.4	0.9658	0.8997	0.9699	0.9353	0.9449	0.8584	0.6669	0.6963
18.5	0.9726	0.9108	0.9453	0.9299	0.9551	0.8369	0.7074	0.7894
18.6	0.9811	0.9053	0.8874	0.9570	0.9626	0.8940	0.7343	0.8403
18.7	0.9768	0.9039	0.8907	0.9636	0.9546	0.9301	0.5637	0.7534
18.8	0.9738	0.8543	0.9404	0.9596	0.9330	0.9614	0.4965	0.7258
18.9	0.9658	0.7889	0.9323	0.9557	0.9068	0.9525	0.3915	0.7056
19.0	0.9605	0.6420	0.9298	0.9377	0.8633	0.9474	0.4785	0.6686
19.1	0.9495	0.5349	0.9475	0.9079	0.8351	0.9602	0.4183	0.5853
19.2	0.9500	0.4648	0.9629	0.8876	0.7991	0.9537	0.4087	0.4975
19.3	0.9152	0.1263	0.9628	0.8516	0.7646	0.9488	0.2624	0.5142
19.4	0.9126	0.0202	0.9727	0.8603	0.7640	0.9659	0.3074	0.4455
19.5	0.9022	0.0069	0.9657	0.8070	0.6772	0.9471	0.4791	0.3321
19.6	0.9000	0.0443	0.9625	0.6914	0.7246	0.9337	0.4515	0.3432
19.7	0.8134	0.0131	0.9491	0.3768	0.6360	0.9024	0.4119	0.3944
19.8	0.7194	0.0598	0.9365	0.1800	0.5294	0.8833	0.3000	0.2263
19.9	0.6524	0.2574	0.9228	0.3295	0.4206	0.8431	0.2974	0.1585
20.0	0.4054	0.3495	0.9016	0.3661	0.2147	0.8614	0.2044	0.0741
20.1	0.1752	0.2993	0.9220	0.5539	0.1633	0.8770	0.3513	0.1209
20.2	0.1750	0.2249	0.9533	0.6702	0.1352	0.8736	0.4282	0.1277
20.3	0.3731	0.2940	0.9410	0.7163	0.2098	0.8867	0.2632	0.2194
20.4	0.4465	0.3471	0.9356	0.7349	0.1877	0.8738	0.1506	0.2270
20.5	0.5840	0.3320	0.9504	0.7883	0.3080	0.8996	0.1837	0.1591
20.6	0.5889	0.1908	0.9240	0.7343	0.3404	0.8507	0.2187	0.0934
20.7	0.6329	0.2025	0.9080	0.7019	0.4939	0.7788	0.1563	0.1039
20.8	0.7086	0.2632	0.9068	0.7277	0.5375	0.7857	0.2304	0.0718
20.9	0.6978	0.2183	0.8767	0.6601	0.4488	0.6589	0.0710	0.0078
21.0	0.8198	0.2853	0.8879	0.6678	0.6454	0.6384	0.0317	0.1068
21.1	0.8481	0.3492	0.8700	0.7484	0.7482	0.5222	0.1082	0.1285
21.2	0.8133	0.4659	0.8561	0.7212	0.7073	0.4465	0.1004	0.2271
21.3	0.8142	0.5101	0.8601	0.7076	0.6427	0.5183	0.0161	0.1958
21.4	0.8358	0.6325	0.8628	0.7934	0.6761	0.4883	0.0794	0.1654
21.5	0.8189	0.7480	0.8243	0.8501	0.6898	0.3175	0.0707	0.3755
21.6	0.8034	0.7091	0.7975	0.7976	0.6495	0.3178	0.0934	0.3885
21.7	0.8048	0.8661	0.8317	0.8892	0.6516	0.3591	0.0281	0.3461
21.8	0.8089	0.9008	0.7924	0.9033	0.6541	0.1376	0.0090	0.4367
21.9	0.8707	0.9366	0.8181	0.9342	0.7300	0.0592	0.0045	0.5667
22.0	0.8064	0.9324	0.7042	0.9199	0.6840	0.0697	0.0067	0.4632
22.1	0.8563	0.9139	0.6773	0.9123	0.7577	0.1278	0.0161	0.4288
22.2	0.9005	0.9318	0.7561	0.9215	0.8049	0.3007	0.0394	0.6208
22.3	0.9090	0.9449	0.7337	0.9091	0.7793	0.3209	0.0019	0.6435
22.4	0.9128	0.9317	0.7744	0.9428	0.7740	0.5655	0.0214	0.7134
22.5	0.9308	0.9291	0.8056	0.9519	0.8250	0.6868	0.0676	0.6778
22.6	0.9150	0.9279	0.7790	0.9551	0.8673	0.7738	0.0856	0.7522
22.7	0.9475	0.9472	0.8557	0.9690	0.9114	0.8538	0.0136	0.8636
22.8	0.9465	0.9279	0.8359	0.9664	0.9048	0.8547	0.0301	0.8542
22.9	0.9373	0.9075	0.8402	0.9723	0.9082	0.8492	0.0511	0.8611
23.0	0.9471	0.8630	0.8692	0.9823	0.9081	0.8694	0.0173	0.9042
23.1	0.9432	0.8661	0.8505	0.9845	0.9293	0.8834	0.0031	0.9073
23.2	0.9239	0.8267	0.8057	0.9853	0.9138	0.8546	0.0298	0.8840
23.3	0.9205	0.7562	0.6988	0.9852	0.9071	0.8870	0.0609	0.8873
23.4	0.9460	0.7064	0.7000	0.9874	0.9173	0.8876	0.0356	0.8900
23.5	0.9530	0.7073	0.6665	0.9890	0.9421	0.8967	0.0001	0.8977
23.6	0.9546	0.6623	0.4246	0.9883	0.9392	0.8835	0.0256	0.8603
23.7	0.9657	0.7154	0.3492	0.9904	0.9559	0.8571	0.1115	0.8702
23.8	0.9632	0.6094	0.2151	0.9899	0.9504	0.7997	0.1163	0.8802
23.9	0.9773	0.6153	0.1464	0.9932	0.9527	0.8440	0.0494	0.8628
24.0	0.9769	0.6556	0.3424	0.9942	0.9576	0.8475	0.0067	0.8549
24.1	0.9757	0.5805	0.4697	0.9939	0.9538	0.7981	0.0388	0.8554
24.2	0.9712	0.5102	0.3650	0.9905	0.9558	0.6795	0.0617	0.7437
24.3	0.9797	0.5559	0.4951	0.9915	0.9568	0.6864	0.1040	0.7879
24.4	0.9850	0.5670	0.7016	0.9938	0.9530	0.7597	0.0295	0.8628
24.5	0.9846	0.6790	0.7249	0.9946	0.9561	0.7816	0.1515	0.8379
24.6	0.9872	0.7381	0.8167	0.9955	0.9728	0.8678	0.1857	0.8560
24.7	0.9916	0.7203	0.8643	0.9965	0.9654	0.9187	0.2337	0.8924
24.8	0.9915	0.7530	0.8839	0.9966	0.9692	0.9333	0.3217	0.8459
24.9	0.9892	0.7804	0.8741	0.9963	0.9618	0.9240	0.3086	0.8513
25.0	0.9900	0.7780	0.8827	0.9962	0.9609	0.9192	0.3489	0.8469
25.1	0.9943	0.8474	0.9296	0.9976	0.9729	0.9546	0.4716	0.8734

25.2	0.9933	0.8967	0.9494	0.9970	0.9754	0.9641	0.4936	0.9101
25.3	0.9938	0.8765	0.9570	0.9963	0.9660	0.9583	0.3611	0.8976
25.4	0.9931	0.8500	0.9631	0.9972	0.9639	0.9589	0.2001	0.8801
25.5	0.9936	0.8742	0.9616	0.9968	0.9537	0.9438	0.1425	0.8471
25.6	0.9956	0.8710	0.9743	0.9973	0.9450	0.9368	0.2095	0.8297
25.7	0.9964	0.8971	0.9804	0.9973	0.9579	0.9495	0.3062	0.8421
25.8	0.9969	0.9218	0.9828	0.9982	0.9703	0.9749	0.3770	0.8848
25.9	0.9962	0.9078	0.9776	0.9980	0.9576	0.9782	0.2706	0.8420
26.0	0.9962	0.9375	0.9842	0.9978	0.9456	0.9813	0.3234	0.8440
26.1	0.9958	0.9419	0.9822	0.9974	0.9297	0.9824	0.3599	0.8161
26.2	0.9950	0.9487	0.9842	0.9973	0.9303	0.9881	0.1731	0.8277
26.3	0.9959	0.9549	0.9891	0.9973	0.9329	0.9861	0.1441	0.7899
26.4	0.9963	0.9741	0.9900	0.9977	0.9300	0.9868	0.2223	0.7829
26.5	0.9965	0.9744	0.9911	0.9977	0.9083	0.9877	0.2743	0.7622
26.6	0.9967	0.9781	0.9950	0.9981	0.8896	0.9906	0.2544	0.7592
26.7	0.9965	0.9816	0.9913	0.9981	0.8469	0.9863	0.1925	0.7941
26.8	0.9968	0.9830	0.9913	0.9982	0.7770	0.9886	0.2080	0.8076
26.9	0.9969	0.9822	0.9908	0.9983	0.6052	0.9901	0.2037	0.7728
27.0	0.9963	0.9748	0.9894	0.9974	0.2962	0.9896	0.1817	0.7712
27.1	0.9958	0.9795	0.9844	0.9970	0.2109	0.9864	0.2770	0.7936
27.2	0.9966	0.9855	0.9871	0.9978	0.5594	0.9905	0.2124	0.8077
27.3	0.9966	0.9857	0.9898	0.9976	0.7473	0.9910	0.3790	0.8413
27.4	0.9963	0.9887	0.9910	0.9980	0.8616	0.9912	0.2731	0.8495
27.5	0.9965	0.9922	0.9917	0.9981	0.9054	0.9925	0.2523	0.8536
27.6	0.9964	0.9947	0.9915	0.9987	0.9334	0.9933	0.3279	0.9019
27.7	0.9964	0.9922	0.9908	0.9981	0.9324	0.9915	0.2956	0.8891
27.8	0.9946	0.9894	0.9868	0.9979	0.9419	0.9864	0.2073	0.8755
27.9	0.9925	0.9901	0.9837	0.9978	0.9390	0.9841	0.3054	0.8870
28.0	0.9948	0.9947	0.9911	0.9986	0.9618	0.9895	0.3709	0.8764
28.1	0.9943	0.9942	0.9894	0.9986	0.9643	0.9904	0.3590	0.8853
28.2	0.9956	0.9935	0.9865	0.9986	0.9562	0.9899	0.3826	0.8930
28.3	0.9959	0.9929	0.9898	0.9988	0.9625	0.9871	0.1797	0.8714
28.4	0.9955	0.9946	0.9866	0.9986	0.9633	0.9874	0.2267	0.8784
28.5	0.9961	0.9946	0.9841	0.9985	0.9619	0.9838	0.1735	0.8587
28.6	0.9957	0.9941	0.9893	0.9989	0.9622	0.9802	0.2409	0.8410
28.7	0.9956	0.9949	0.9863	0.9989	0.9523	0.9782	0.1591	0.8485
28.8	0.9956	0.9950	0.9858	0.9986	0.9595	0.9824	0.1911	0.8297
28.9	0.9961	0.9940	0.9857	0.9987	0.9591	0.9807	0.0949	0.8223
29.0	0.9961	0.9935	0.9744	0.9985	0.9611	0.9717	0.2689	0.8315
29.1	0.9971	0.9946	0.9786	0.9987	0.9549	0.9835	0.4015	0.8765
29.2	0.9950	0.9926	0.9691	0.9981	0.9305	0.9716	0.1364	0.7955
29.3	0.9963	0.9944	0.9679	0.9987	0.9387	0.9675	0.1153	0.8342
29.4	0.9934	0.9935	0.9650	0.9981	0.9472	0.9413	0.1690	0.8088
29.5	0.9952	0.9947	0.9632	0.9982	0.9597	0.9492	0.2718	0.8685
29.6	0.9970	0.9953	0.9600	0.9987	0.9712	0.9714	0.3324	0.9127
29.7	0.9959	0.9939	0.9623	0.9983	0.9575	0.9727	0.3393	0.8897
29.8	0.9962	0.9942	0.9682	0.9983	0.9556	0.9683	0.4651	0.8923
29.9	0.9956	0.9944	0.9468	0.9976	0.9577	0.9570	0.4634	0.9105
30.0	0.9940	0.9915	0.9480	0.9966	0.9421	0.9338	0.4602	0.8730
30.1	0.9943	0.9925	0.9612	0.9981	0.9458	0.9489	0.5061	0.8461
30.2	0.9951	0.9901	0.9566	0.9978	0.9478	0.9651	0.4870	0.8211
30.3	0.9935	0.9902	0.9504	0.9981	0.9535	0.9735	0.4891	0.8490
30.4	0.9915	0.9890	0.9594	0.9977	0.9520	0.9746	0.4544	0.8932
30.5	0.9909	0.9902	0.9794	0.9980	0.9547	0.9849	0.5626	0.9276
30.6	0.9906	0.9874	0.9750	0.9970	0.9451	0.9807	0.5393	0.9173
30.7	0.9911	0.9837	0.9751	0.9958	0.9368	0.9866	0.5349	0.9058
30.8	0.9942	0.9859	0.9792	0.9962	0.9431	0.9884	0.5651	0.9111
30.9	0.9943	0.9886	0.9876	0.9967	0.9569	0.9894	0.6215	0.9268
31.0	0.9902	0.9855	0.9828	0.9957	0.9531	0.9861	0.6081	0.9130
31.1	0.9926	0.9885	0.9873	0.9959	0.9635	0.9914	0.6843	0.9309
31.2	0.9915	0.9883	0.9879	0.9960	0.9666	0.9926	0.7344	0.9372
31.3	0.9889	0.9840	0.9855	0.9951	0.9673	0.9926	0.6727	0.9402
31.4	0.9914	0.9832	0.9823	0.9932	0.9681	0.9918	0.5916	0.9181
31.5	0.9905	0.9839	0.9836	0.9937	0.9700	0.9908	0.6453	0.8994
31.6	0.9897	0.9794	0.9822	0.9915	0.9660	0.9925	0.6764	0.9211
31.7	0.9881	0.9738	0.9850	0.9902	0.9696	0.9937	0.6698	0.8873
31.8	0.9908	0.9769	0.9863	0.9909	0.9746	0.9935	0.7745	0.8938
31.9	0.9888	0.9670	0.9735	0.9854	0.9639	0.9861	0.7183	0.8621
32.0	0.9901	0.9622	0.9740	0.9850	0.9615	0.9861	0.6781	0.8618
32.1	0.9851	0.9553	0.9685	0.9845	0.9585	0.9804	0.6561	0.8790
32.2	0.9933	0.9740	0.9831	0.9870	0.9795	0.9885	0.7801	0.8961
32.3	0.9894	0.9615	0.9749	0.9803	0.9690	0.9810	0.6865	0.8652
32.4	0.9892	0.9554	0.9769	0.9797	0.9645	0.9813	0.5735	0.8827
32.5	0.9893	0.9630	0.9786	0.9851	0.9641	0.9817	0.6274	0.9200
32.6	0.9878	0.9548	0.9764	0.9806	0.9665	0.9804	0.6208	0.9313
32.7	0.9871	0.9472	0.9710	0.9819	0.9595	0.9764	0.5743	0.9213
32.8	0.9873	0.9532	0.9657	0.9794	0.9527	0.9706	0.5136	0.8974
32.9	0.9885	0.9532	0.9663	0.9807	0.9488	0.9682	0.4615	0.9083
33.0	0.9868	0.9385	0.9670	0.9824	0.9562	0.9717	0.4941	0.9153
33.1	0.9832	0.9083	0.9579	0.9782	0.9446	0.9621	0.4427	0.9016
33.2	0.9816	0.8724	0.9550	0.9748	0.9428	0.9579	0.4429	0.9041
33.3	0.9874	0.9152	0.9645	0.9813	0.9542	0.9633	0.6199	0.9241
33.4	0.9839	0.8762	0.9386	0.9784	0.9083	0.9326	0.4762	0.8957
33.5	0.9834	0.8474	0.9485	0.9825	0.9235	0.9414	0.5437	0.9279
33.6	0.9796	0.8345	0.9401	0.9820	0.8949	0.9332	0.4523	0.9384
33.7	0.9861	0.8857	0.9474	0.9844	0.8878	0.9380	0.3841	0.9462

33.8	0.9847	0.8549	0.9351	0.9801	0.8754	0.9241	0.4015	0.9257
33.9	0.9799	0.8687	0.9095	0.9734	0.8283	0.8904	0.3747	0.9001
34.0	0.9799	0.8506	0.9224	0.9724	0.8537	0.9077	0.3389	0.9109
34.1	0.9901	0.8954	0.9583	0.9853	0.9343	0.9559	0.3423	0.9542
34.2	0.9801	0.8817	0.9336	0.9698	0.9104	0.9320	0.3005	0.9165
34.3	0.9727	0.8975	0.9282	0.9591	0.9223	0.9272	0.5049	0.9096
34.4	0.9802	0.9211	0.9472	0.9663	0.9421	0.9445	0.6886	0.9297
34.5	0.9746	0.9349	0.9518	0.9645	0.9529	0.9477	0.6701	0.9379
34.6	0.9644	0.9163	0.9329	0.9442	0.9280	0.9271	0.6998	0.9195
34.7	0.9593	0.9275	0.9283	0.9368	0.9355	0.9162	0.6580	0.9150
34.8	0.9796	0.9703	0.9744	0.9719	0.9711	0.9658	0.5941	0.9654
34.9	0.9785	0.9760	0.9741	0.9733	0.9722	0.9627	0.6348	0.9687
35.0	0.9774	0.9661	0.9710	0.9627	0.9645	0.9493	0.5996	0.9605
35.1	0.9732	0.9626	0.9739	0.9528	0.9608	0.9457	0.6067	0.9569
35.2	0.9709	0.9521	0.9685	0.9360	0.9499	0.9312	0.3561	0.9512
35.3	0.9740	0.9611	0.9806	0.9386	0.9631	0.9485	0.2226	0.9601
35.4	0.9674	0.9523	0.9770	0.9103	0.9553	0.9320	0.1254	0.9532
35.5	0.9551	0.9436	0.9715	0.8535	0.9427	0.9305	0.0571	0.9418
35.6	0.9526	0.9414	0.9715	0.8090	0.9381	0.9336	0.1613	0.9404
35.7	0.9338	0.9035	0.9609	0.5853	0.8952	0.8941	0.1864	0.9094
35.8	0.9349	0.9046	0.9545	0.4703	0.8712	0.8906	0.1973	0.8905
35.9	0.9410	0.8987	0.9440	0.5769	0.8437	0.8748	0.2041	0.8415
36.0	0.9535	0.9154	0.9623	0.8005	0.8776	0.9178	0.2766	0.9006
36.1	0.9338	0.8484	0.9498	0.8260	0.7830	0.8747	0.2306	0.8285
36.2	0.9490	0.8381	0.9279	0.9094	0.6421	0.8701	0.1608	0.7746
36.3	0.9714	0.8381	0.9266	0.9482	0.5672	0.9100	0.3379	0.6706
36.4	0.9789	0.8222	0.9354	0.9679	0.4593	0.9377	0.3380	0.5322
36.5	0.9721	0.8069	0.8994	0.9682	0.5021	0.9197	0.3577	0.4393
36.6	0.9762	0.8278	0.8903	0.9730	0.6256	0.9400	0.4566	0.3786
36.7	0.9834	0.8388	0.9063	0.9780	0.7371	0.9691	0.6189	0.4466
36.8	0.9819	0.8124	0.8586	0.9724	0.7311	0.9638	0.7142	0.4840
36.9	0.9872	0.8265	0.8041	0.9774	0.7357	0.9610	0.6622	0.4050
37.0	0.9873	0.8599	0.8232	0.9822	0.8265	0.9719	0.5821	0.3539
37.1	0.9891	0.9016	0.8614	0.9874	0.9055	0.9838	0.6814	0.4546
37.2	0.9916	0.8838	0.8650	0.9896	0.9046	0.9847	0.6856	0.4335
37.3	0.9899	0.8690	0.8819	0.9873	0.9021	0.9830	0.7076	0.3456
37.4	0.9874	0.8732	0.8176	0.9843	0.8881	0.9707	0.6850	0.2666
37.5	0.9912	0.8998	0.8150	0.9896	0.9174	0.9741	0.7159	0.2852
37.6	0.9891	0.9065	0.8621	0.9874	0.9243	0.9779	0.7505	0.3499
37.7	0.9891	0.9130	0.9221	0.9881	0.9480	0.9856	0.8227	0.3909
37.8	0.9914	0.9266	0.9251	0.9897	0.9591	0.9861	0.8179	0.5008
37.9	0.9873	0.9046	0.9242	0.9862	0.9435	0.9844	0.8029	0.5403
38.0	0.9901	0.9049	0.9436	0.9891	0.9388	0.9859	0.8185	0.5648
38.1	0.9890	0.8729	0.9235	0.9885	0.9300	0.9814	0.7463	0.4448
38.2	0.9905	0.8956	0.9253	0.9884	0.9291	0.9838	0.8257	0.4877
38.3	0.9921	0.8755	0.9344	0.9908	0.9372	0.9880	0.8441	0.4573
38.4	0.9946	0.9099	0.9432	0.9935	0.9588	0.9917	0.8374	0.4649
38.5	0.9930	0.8858	0.9206	0.9927	0.9517	0.9839	0.8023	0.4306
38.6	0.9902	0.8448	0.9234	0.9887	0.9490	0.9838	0.8000	0.4514
38.7	0.9922	0.8339	0.9246	0.9894	0.9495	0.9857	0.8465	0.5230
38.8	0.9932	0.7755	0.8901	0.9898	0.9413	0.9827	0.8187	0.5182
38.9	0.9921	0.7529	0.9033	0.9905	0.9346	0.9846	0.8147	0.4853
39.0	0.9936	0.6730	0.9059	0.9923	0.9477	0.9879	0.8362	0.5619
39.1	0.9934	0.6424	0.9165	0.9925	0.9587	0.9883	0.8160	0.4891
39.2	0.9927	0.5689	0.8958	0.9897	0.9488	0.9855	0.7464	0.2276
39.3	0.9937	0.6139	0.9024	0.9909	0.9445	0.9852	0.8035	0.1545
39.4	0.9941	0.6289	0.9075	0.9923	0.9540	0.9878	0.8457	0.1562
39.5	0.9934	0.5932	0.8572	0.9910	0.9408	0.9808	0.7737	0.1089
39.6	0.9945	0.7092	0.8699	0.9936	0.9483	0.9858	0.7724	0.2477
39.7	0.9948	0.7580	0.8952	0.9944	0.9429	0.9879	0.7915	0.4374
39.8	0.9933	0.7009	0.8693	0.9927	0.9473	0.9864	0.7908	0.4270
39.9	0.9939	0.7003	0.8197	0.9936	0.9625	0.9861	0.8061	0.4407
40.0	0.9939	0.6754	0.7881	0.9927	0.9495	0.9795	0.7996	0.4405
40.1	0.9948	0.7185	0.8100	0.9934	0.9258	0.9804	0.7586	0.5076
40.2	0.9946	0.6842	0.7901	0.9940	0.9215	0.9825	0.7985	0.6491
40.3	0.9944	0.6924	0.8241	0.9940	0.9341	0.9803	0.8181	0.7294
40.4	0.9949	0.6938	0.8255	0.9943	0.9272	0.9743	0.8323	0.7526
40.5	0.9949	0.6674	0.7697	0.9945	0.9354	0.9779	0.8803	0.7770
40.6	0.9930	0.7505	0.6593	0.9908	0.9433	0.9712	0.8971	0.8244
40.7	0.9925	0.8002	0.5826	0.9919	0.9234	0.9732	0.9112	0.8590
40.8	0.9927	0.7357	0.5109	0.9919	0.9272	0.9691	0.8863	0.8258
40.9	0.9931	0.7399	0.3436	0.9927	0.9316	0.9722	0.8878	0.8222
41.0	0.9948	0.7866	0.2703	0.9951	0.9270	0.9820	0.9219	0.8816
41.1	0.9947	0.6880	0.3003	0.9933	0.9145	0.9812	0.9075	0.8763
41.2	0.9918	0.6735	0.2071	0.9907	0.8914	0.9667	0.9073	0.8179
41.3	0.9925	0.7904	0.2648	0.9918	0.8838	0.9513	0.9399	0.8536
41.4	0.9939	0.7843	0.4263	0.9913	0.8959	0.9621	0.9139	0.9029
41.5	0.9951	0.7899	0.4395	0.9945	0.8876	0.9735	0.9158	0.9043
41.6	0.9940	0.7719	0.2796	0.9922	0.8530	0.9732	0.9011	0.9151
41.7	0.9937	0.7343	0.1036	0.9898	0.8564	0.9727	0.9079	0.8923
41.8	0.9940	0.7394	0.1975	0.9924	0.8603	0.9735	0.9173	0.9013
41.9	0.9932	0.5316	0.2146	0.9910	0.8066	0.9728	0.9133	0.9020
42.0	0.9930	0.5501	0.2360	0.9898	0.7874	0.9769	0.8871	0.8608
42.1	0.9926	0.6173	0.2673	0.9904	0.7658	0.9675	0.9148	0.8836
42.2	0.9936	0.6969	0.0218	0.9889	0.7127	0.9611	0.8830	0.8675
42.3	0.9933	0.6697	0.0444	0.9893	0.7155	0.9742	0.8889	0.8659

42.4	0.9936	0.7072	0.0670	0.9889	0.7956	0.9767	0.8673	0.9070
42.5	0.9936	0.6666	0.0249	0.9901	0.7270	0.9827	0.8161	0.8928
42.6	0.9940	0.6676	0.0839	0.9898	0.7341	0.9794	0.8374	0.8981
42.7	0.9954	0.7190	0.5310	0.9932	0.8271	0.9711	0.8748	0.9014
42.8	0.9941	0.7329	0.6294	0.9946	0.8208	0.9757	0.8705	0.9094
42.9	0.9928	0.5413	0.6747	0.9937	0.6967	0.9816	0.8607	0.8937
43.0	0.9938	0.5615	0.6014	0.9914	0.5112	0.9831	0.8131	0.8664
43.1	0.9956	0.6177	0.5583	0.9926	0.5065	0.9837	0.8026	0.8698
43.2	0.9969	0.5480	0.6355	0.9953	0.6076	0.9628	0.7649	0.8070
43.3	0.9952	0.3934	0.6935	0.9934	0.4784	0.9147	0.6756	0.6884
43.4	0.9967	0.4325	0.6637	0.9956	0.4011	0.9572	0.5827	0.7050
43.5	0.9966	0.5465	0.8199	0.9964	0.6035	0.9685	0.6345	0.8019
43.6	0.9952	0.4812	0.8091	0.9964	0.5882	0.9497	0.7819	0.8805
43.7	0.9966	0.4444	0.7377	0.9967	0.6428	0.9588	0.7902	0.8991
43.8	0.9974	0.6388	0.8336	0.9969	0.7439	0.9638	0.7522	0.9086
43.9	0.9969	0.7042	0.8923	0.9962	0.6633	0.9528	0.7476	0.9061
44.0	0.9964	0.5576	0.8415	0.9954	0.5351	0.9273	0.5745	0.8503
44.1	0.9968	0.7637	0.9038	0.9963	0.5200	0.9026	0.6603	0.8993
44.2	0.9953	0.7394	0.8969	0.9938	0.5276	0.9353	0.7055	0.8978
44.3	0.9960	0.7444	0.9212	0.9958	0.6266	0.9570	0.6917	0.9152
44.4	0.9973	0.6308	0.8957	0.9970	0.6649	0.9543	0.5809	0.9173
44.5	0.9976	0.6447	0.8775	0.9965	0.5530	0.9459	0.5086	0.9035
44.6	0.9962	0.7409	0.8759	0.9956	0.5478	0.9536	0.4674	0.8939
44.7	0.9958	0.7303	0.8743	0.9953	0.4454	0.9377	0.4738	0.8542
44.8	0.9957	0.6635	0.8778	0.9954	0.4435	0.7965	0.4390	0.8214
44.9	0.9964	0.5272	0.9144	0.9964	0.2585	0.8323	0.3832	0.8417
45.0	0.9959	0.5212	0.9136	0.9958	0.1532	0.9493	0.5011	0.8956
45.1	0.9939	0.3206	0.8530	0.9930	0.2246	0.9573	0.3761	0.8298
45.2	0.9935	0.1324	0.8336	0.9931	0.2175	0.9527	0.2406	0.7947
45.3	0.9941	0.3041	0.8081	0.9941	0.2221	0.9143	0.3479	0.8295
45.4	0.9960	0.4375	0.8138	0.9956	0.2279	0.8933	0.2129	0.8247
45.5	0.9961	0.4352	0.8991	0.9962	0.0427	0.8892	0.1746	0.7560
45.6	0.9967	0.5486	0.9317	0.9967	0.0839	0.9388	0.1166	0.8469
45.7	0.9951	0.4777	0.9396	0.9949	0.1215	0.8986	0.1369	0.8169
45.8	0.9957	0.3742	0.9264	0.9948	0.0608	0.9065	0.0872	0.8385
45.9	0.9963	0.5160	0.9228	0.9958	0.0764	0.9514	0.1157	0.8640
46.0	0.9960	0.5702	0.9272	0.9960	0.2025	0.9456	0.0901	0.8388
46.1	0.9947	0.6201	0.9190	0.9953	0.3468	0.9595	0.0579	0.8381
46.2	0.9965	0.6674	0.9028	0.9965	0.4415	0.9537	0.0804	0.8253
46.3	0.9957	0.6175	0.9179	0.9964	0.2152	0.9328	0.0949	0.6990
46.4	0.9953	0.7284	0.9648	0.9962	0.1169	0.9672	0.1517	0.7924
46.5	0.9961	0.6033	0.9712	0.9966	0.2871	0.9687	0.1656	0.8052
46.6	0.9955	0.5245	0.9593	0.9959	0.3651	0.9730	0.1379	0.6902
46.7	0.9966	0.6423	0.9479	0.9969	0.4973	0.9807	0.0864	0.7097
46.8	0.9975	0.6507	0.9396	0.9976	0.5860	0.9739	0.1661	0.8061
46.9	0.9975	0.5195	0.9368	0.9973	0.5177	0.9652	0.2873	0.8008
47.0	0.9964	0.4953	0.9159	0.9959	0.4924	0.9588	0.3934	0.8154
47.1	0.9967	0.5934	0.8779	0.9970	0.5654	0.9597	0.4215	0.8233
47.2	0.9965	0.6613	0.9211	0.9966	0.5758	0.9691	0.4515	0.8132
47.3	0.9971	0.6540	0.9338	0.9970	0.5674	0.9876	0.3138	0.8437
47.4	0.9946	0.6885	0.9428	0.9958	0.4730	0.9888	0.2739	0.8237
47.5	0.9951	0.6650	0.9339	0.9953	0.5061	0.9721	0.2742	0.7407
47.6	0.9962	0.4564	0.9317	0.9958	0.2971	0.9443	0.3781	0.7469
47.7	0.9967	0.4397	0.9576	0.9958	0.1758	0.9591	0.4982	0.8427
47.8	0.9959	0.5008	0.9123	0.9964	0.5575	0.9642	0.3977	0.8374
47.9	0.9962	0.4980	0.8840	0.9972	0.6189	0.9580	0.3225	0.8133
48.0	0.9956	0.5150	0.9280	0.9962	0.4869	0.9675	0.2768	0.7942
48.1	0.9963	0.5181	0.9461	0.9973	0.6130	0.9778	0.2449	0.8189
48.2	0.9972	0.6023	0.9650	0.9975	0.7121	0.9856	0.3906	0.8811
48.3	0.9969	0.6039	0.9479	0.9966	0.7218	0.9881	0.3486	0.8527
48.4	0.9960	0.5191	0.9364	0.9961	0.5851	0.9822	0.2067	0.6806
48.5	0.9963	0.4595	0.9280	0.9965	0.3989	0.9780	0.1999	0.6880
48.6	0.9964	0.5010	0.9427	0.9964	0.5041	0.9840	0.1292	0.7598
48.7	0.9957	0.5636	0.9384	0.9951	0.5126	0.9833	0.2426	0.8078
48.8	0.9969	0.6548	0.9297	0.9961	0.5598	0.9837	0.2014	0.8244
48.9	0.9967	0.6927	0.9130	0.9955	0.6293	0.9839	0.0365	0.6920
49.0	0.9965	0.6618	0.8816	0.9958	0.5829	0.9759	0.0610	0.5858
49.1	0.9970	0.4952	0.8686	0.9954	0.4838	0.9753	0.2452	0.6660
49.2	0.9940	0.3739	0.7726	0.9925	0.4462	0.9572	0.3259	0.7071
49.3	0.9936	0.3821	0.8947	0.9930	0.3230	0.9723	0.3532	0.7954
49.4	0.9929	0.3571	0.9115	0.9930	0.3635	0.9689	0.3514	0.8442
49.5	0.9953	0.6252	0.9439	0.9947	0.5911	0.9849	0.2530	0.8248
49.6	0.9953	0.6588	0.9243	0.9946	0.6928	0.9874	0.1845	0.8321
49.7	0.9938	0.6757	0.9349	0.9936	0.7477	0.9883	0.4065	0.8744
49.8	0.9934	0.7112	0.9260	0.9938	0.7929	0.9802	0.4116	0.8945
49.9	0.9938	0.6756	0.9219	0.9931	0.7259	0.9828	0.3919	0.8747
50.0	0.9956	0.7195	0.9516	0.9951	0.7753	0.9887	0.4847	0.8635
50.1	0.9946	0.6578	0.9377	0.9926	0.7705	0.9847	0.2191	0.8019
50.2	0.9908	0.7024	0.9051	0.9914	0.7515	0.9809	0.2154	0.7909
50.3	0.9921	0.7173	0.9136	0.9932	0.7972	0.9873	0.3803	0.8365
50.4	0.9949	0.7331	0.9469	0.9941	0.8104	0.9925	0.5802	0.8372
50.5	0.9932	0.8279	0.9362	0.9914	0.8415	0.9933	0.7013	0.7976
50.6	0.9933	0.8431	0.9188	0.9929	0.8486	0.9919	0.7052	0.7678
50.7	0.9936	0.8336	0.9185	0.9930	0.8437	0.9867	0.7174	0.7622
50.8	0.9950	0.8839	0.9128	0.9950	0.8790	0.9892	0.8644	0.8713
50.9	0.9922	0.8462	0.8804	0.9935	0.8203	0.9792	0.7831	0.8729

51.0	0.9917	0.8026	0.8352	0.9916	0.8146	0.9751	0.7594	0.8519
51.1	0.9916	0.7965	0.9175	0.9936	0.7695	0.9891	0.8391	0.8804
51.2	0.9924	0.8108	0.9118	0.9910	0.7536	0.9895	0.8573	0.8667
51.3	0.9946	0.8941	0.9456	0.9941	0.8741	0.9908	0.8774	0.9084
51.4	0.9927	0.8600	0.9222	0.9929	0.8868	0.9849	0.8672	0.9196
51.5	0.9934	0.8750	0.8787	0.9913	0.8754	0.9871	0.8674	0.9079
51.6	0.9928	0.8816	0.8686	0.9916	0.8609	0.9851	0.8810	0.9364
51.7	0.9945	0.8659	0.8907	0.9937	0.8436	0.9883	0.8733	0.9484
51.8	0.9946	0.9160	0.9060	0.9942	0.9018	0.9918	0.9123	0.9481
51.9	0.9919	0.9024	0.7143	0.9922	0.8791	0.9861	0.9167	0.9419
52.0	0.9934	0.9251	0.6075	0.9933	0.9134	0.9842	0.9379	0.9628
52.1	0.9935	0.9483	0.8744	0.9921	0.9398	0.9892	0.9415	0.9670
52.2	0.9938	0.9576	0.8109	0.9932	0.9475	0.9851	0.9524	0.9652
52.3	0.9950	0.9681	0.6645	0.9952	0.9637	0.9829	0.9500	0.9470
52.4	0.9908	0.9440	0.1484	0.9888	0.9598	0.9765	0.9359	0.9333
52.5	0.9908	0.9408	0.6669	0.9911	0.9566	0.9737	0.9367	0.9507
52.6	0.9921	0.9478	0.7513	0.9956	0.9499	0.9782	0.9510	0.9687
52.7	0.9941	0.9392	0.3216	0.9941	0.9457	0.9740	0.9447	0.9653
52.8	0.9948	0.9533	0.6597	0.9937	0.9560	0.9883	0.9493	0.9758
52.9	0.9922	0.9507	0.8201	0.9933	0.9533	0.9934	0.9591	0.9651
53.0	0.9927	0.9552	0.9108	0.9886	0.9523	0.9894	0.9247	0.9601
53.1	0.9931	0.9644	0.9201	0.9924	0.9559	0.9866	0.9369	0.9707
53.2	0.9943	0.9615	0.9025	0.9923	0.9590	0.9864	0.9541	0.9719
53.3	0.9906	0.9473	0.6560	0.9911	0.9514	0.9762	0.9511	0.9555
53.4	0.9869	0.9032	0.5255	0.9884	0.9156	0.9650	0.9479	0.9309
53.5	0.9896	0.9329	0.7988	0.9911	0.9404	0.9784	0.9501	0.9505
53.6	0.9911	0.9626	0.8264	0.9910	0.9692	0.9728	0.9384	0.9374
53.7	0.9937	0.9724	0.8986	0.9900	0.9757	0.9831	0.9460	0.9544
53.8	0.9917	0.9694	0.9012	0.9847	0.9722	0.9774	0.9558	0.9547
53.9	0.9904	0.9791	0.9675	0.9891	0.9791	0.9914	0.9633	0.9743
54.0	0.9904	0.9702	0.9590	0.9840	0.9752	0.9892	0.9629	0.9781
54.1	0.9917	0.9716	0.9360	0.9835	0.9740	0.9823	0.9379	0.9655
54.2	0.9915	0.9677	0.9401	0.9785	0.9720	0.9799	0.9272	0.9409
54.3	0.9895	0.9650	0.9611	0.9699	0.9659	0.9850	0.9282	0.9639
54.4	0.9925	0.9724	0.9670	0.9673	0.9753	0.9899	0.9540	0.9803
54.5	0.9940	0.9763	0.9665	0.9582	0.9811	0.9896	0.9455	0.9842
54.6	0.9918	0.9713	0.9501	0.9594	0.9768	0.9857	0.9238	0.9701
54.7	0.9906	0.9749	0.9449	0.9654	0.9779	0.9862	0.9214	0.9676
54.8	0.9890	0.9663	0.9512	0.9355	0.9707	0.9879	0.9296	0.9667
54.9	0.9951	0.9771	0.9714	0.9285	0.9793	0.9928	0.9595	0.9826
55.0	0.9956	0.9764	0.9859	0.9307	0.9783	0.9946	0.9553	0.9850
55.1	0.9925	0.9627	0.9824	0.8773	0.9657	0.9924	0.9367	0.9736
55.2	0.9922	0.9581	0.9781	0.8627	0.9631	0.9926	0.9298	0.9750
55.3	0.9888	0.9550	0.9763	0.8717	0.9573	0.9924	0.8863	0.9754
55.4	0.9923	0.9596	0.9718	0.9114	0.9561	0.9934	0.9022	0.9763
55.5	0.9909	0.9599	0.9509	0.8754	0.9563	0.9902	0.8772	0.9592
55.6	0.9934	0.9755	0.9768	0.8922	0.9712	0.9939	0.9057	0.9730
55.7	0.9928	0.9750	0.9762	0.8672	0.9721	0.9954	0.9150	0.9843
55.8	0.9921	0.9769	0.9763	0.8625	0.9751	0.9966	0.9270	0.9832
55.9	0.9906	0.9614	0.9537	0.8022	0.9626	0.9927	0.9086	0.9714
56.0	0.9876	0.9464	0.8877	0.7850	0.9395	0.9867	0.8697	0.9551
56.1	0.9902	0.9691	0.9162	0.8402	0.9600	0.9918	0.9272	0.9665
56.2	0.9896	0.9716	0.9527	0.7846	0.9705	0.9927	0.9199	0.9702
56.3	0.9905	0.9726	0.9522	0.8555	0.9725	0.9936	0.9204	0.9744
56.4	0.9927	0.9732	0.9446	0.9101	0.9680	0.9952	0.9258	0.9788
56.5	0.9925	0.9715	0.9413	0.9133	0.9717	0.9950	0.9321	0.9757
56.6	0.9906	0.9577	0.9350	0.9134	0.9641	0.9935	0.9505	0.9748
56.7	0.9898	0.9551	0.9150	0.8790	0.9566	0.9934	0.9267	0.9666
56.8	0.9896	0.9664	0.9093	0.8855	0.9662	0.9947	0.9160	0.9717
56.9	0.9860	0.9614	0.8900	0.9061	0.9670	0.9958	0.9148	0.9741
57.0	0.9895	0.9660	0.8774	0.8931	0.9702	0.9944	0.9284	0.9714
57.1	0.9880	0.9633	0.8181	0.8994	0.9684	0.9931	0.9221	0.9666
57.2	0.9862	0.9722	0.7645	0.9110	0.9735	0.9938	0.9236	0.9717
57.3	0.9872	0.9767	0.8548	0.9061	0.9808	0.9955	0.9505	0.9777
57.4	0.9859	0.9626	0.8607	0.9032	0.9665	0.9944	0.9185	0.9645
57.5	0.9795	0.9693	0.8496	0.8971	0.9709	0.9944	0.9224	0.9725
57.6	0.9814	0.9635	0.8492	0.9015	0.9694	0.9936	0.9464	0.9747
57.7	0.9886	0.9658	0.8874	0.9033	0.9746	0.9941	0.9423	0.9769
57.8	0.9845	0.9505	0.8510	0.8734	0.9701	0.9937	0.9248	0.9725
57.9	0.9771	0.9533	0.7087	0.8724	0.9656	0.9951	0.8833	0.9453
58.0	0.9774	0.9524	0.6777	0.8770	0.9694	0.9945	0.9061	0.9572
58.1	0.9816	0.9475	0.6871	0.8955	0.9762	0.9940	0.9348	0.9708
58.2	0.9742	0.8211	0.6043	0.7539	0.9295	0.9857	0.9202	0.9561
58.3	0.9721	0.9053	0.7709	0.5038	0.9462	0.9867	0.9244	0.9587
58.4	0.9785	0.9601	0.8120	0.7625	0.9782	0.9921	0.9063	0.9652
58.5	0.9782	0.9703	0.8192	0.8742	0.9822	0.9954	0.9111	0.9646
58.6	0.9777	0.9714	0.8376	0.9127	0.9853	0.9940	0.9324	0.9679
58.7	0.9798	0.9762	0.8188	0.9472	0.9847	0.9919	0.9223	0.9617
58.8	0.9751	0.9770	0.7950	0.9593	0.9785	0.9927	0.9273	0.9594
58.9	0.9732	0.9793	0.8615	0.9704	0.9849	0.9935	0.9439	0.9650
59.0	0.9725	0.9774	0.8214	0.9674	0.9861	0.9922	0.9223	0.9627
59.1	0.9644	0.9715	0.7537	0.9688	0.9838	0.9898	0.8979	0.9556
59.2	0.9710	0.9792	0.8246	0.9777	0.9863	0.9931	0.9404	0.9625
59.3	0.9659	0.9719	0.8189	0.9676	0.9795	0.9930	0.9380	0.9563
59.4	0.9619	0.9746	0.8119	0.9776	0.9786	0.9931	0.9396	0.9527
59.5	0.9655	0.9782	0.8122	0.9790	0.9862	0.9927	0.9368	0.9552

59.6	0.9625	0.9814	0.8069	0.9760	0.9854	0.9926	0.9329	0.9471
59.7	0.9655	0.9777	0.8138	0.9727	0.9846	0.9921	0.9461	0.9573
59.8	0.9744	0.9744	0.8312	0.9791	0.9884	0.9940	0.9563	0.9698
59.9	0.9566	0.9765	0.6025	0.9689	0.9874	0.9940	0.9507	0.9638
60.0	0.9300	0.9725	0.3448	0.9140	0.9888	0.9926	0.9094	0.9525
60.1	0.9504	0.9647	0.4730	0.9532	0.9844	0.9908	0.9313	0.9590
60.2	0.9679	0.9727	0.6933	0.9814	0.9854	0.9913	0.9444	0.9607
60.3	0.9678	0.9741	0.6000	0.9859	0.9884	0.9921	0.9348	0.9512
60.4	0.9611	0.9694	0.5903	0.9853	0.9837	0.9903	0.9040	0.9160
60.5	0.9651	0.9701	0.5135	0.9838	0.9823	0.9905	0.9175	0.9320
60.6	0.9651	0.9707	0.2606	0.9871	0.9809	0.9911	0.9121	0.9234
60.7	0.9524	0.9722	0.2865	0.9874	0.9877	0.9915	0.9118	0.9157
60.8	0.9353	0.9613	0.2667	0.9816	0.9834	0.9898	0.8792	0.8890
60.9	0.9521	0.9740	0.1948	0.9892	0.9864	0.9938	0.9158	0.9178
61.0	0.9515	0.9823	0.2281	0.9913	0.9860	0.9940	0.9145	0.9115
61.1	0.9212	0.9730	0.2622	0.9889	0.9818	0.9927	0.8947	0.8858
61.2	0.9217	0.9654	0.2446	0.9881	0.9804	0.9932	0.9100	0.8817
61.3	0.9517	0.9728	0.3487	0.9906	0.9859	0.9940	0.9332	0.9168
61.4	0.9486	0.9725	0.2574	0.9899	0.9842	0.9930	0.9260	0.9080
61.5	0.9372	0.9689	0.4035	0.9892	0.9792	0.9923	0.8973	0.9028
61.6	0.9395	0.9659	0.5203	0.9900	0.9792	0.9930	0.9080	0.9047
61.7	0.9373	0.9539	0.5200	0.9901	0.9753	0.9940	0.9003	0.8580
61.8	0.9539	0.9671	0.6480	0.9922	0.9819	0.9964	0.9024	0.8775
61.9	0.9386	0.9665	0.6520	0.9892	0.9781	0.9961	0.9040	0.8528
62.0	0.8825	0.9439	0.5419	0.9823	0.9572	0.9919	0.8943	0.8080
62.1	0.9120	0.9601	0.6311	0.9881	0.9608	0.9927	0.9093	0.8439
62.2	0.9160	0.9722	0.7664	0.9905	0.9713	0.9953	0.9135	0.9036
62.3	0.9176	0.9597	0.8154	0.9899	0.9704	0.9946	0.9020	0.8492
62.4	0.9099	0.9479	0.7619	0.9904	0.9571	0.9938	0.8800	0.8028
62.5	0.9034	0.9518	0.7563	0.9930	0.9655	0.9932	0.8922	0.8435
62.6	0.8770	0.9430	0.7039	0.9902	0.9606	0.9935	0.8787	0.8055
62.7	0.8930	0.9456	0.7823	0.9863	0.9635	0.9932	0.8828	0.8113
62.8	0.8899	0.9590	0.8531	0.9902	0.9730	0.9946	0.9139	0.8364
62.9	0.8904	0.9599	0.8587	0.9868	0.9734	0.9942	0.9178	0.8093
63.0	0.8872	0.9512	0.8447	0.9881	0.9629	0.9947	0.9220	0.8324
63.1	0.8687	0.9556	0.8374	0.9884	0.9565	0.9937	0.9243	0.8322
63.2	0.8537	0.9506	0.8188	0.9887	0.9641	0.9922	0.9035	0.8336
63.3	0.8452	0.9514	0.7893	0.9881	0.9602	0.9915	0.8753	0.7742
63.4	0.8530	0.9387	0.8025	0.9844	0.9546	0.9929	0.8839	0.7484
63.5	0.8545	0.9196	0.8216	0.9823	0.9471	0.9919	0.9169	0.7473
63.6	0.8460	0.9240	0.8658	0.9808	0.9360	0.9906	0.9111	0.7412
63.7	0.8904	0.9536	0.8912	0.9840	0.9574	0.9915	0.9222	0.7628
63.8	0.8811	0.9587	0.8823	0.9845	0.9684	0.9926	0.9138	0.7236
63.9	0.8131	0.9301	0.8834	0.9807	0.9564	0.9928	0.8972	0.6451
64.0	0.8352	0.9389	0.8870	0.9823	0.9403	0.9926	0.8899	0.6300
64.1	0.7981	0.9248	0.8804	0.9820	0.9447	0.9897	0.8816	0.7086
64.2	0.8028	0.8829	0.8633	0.9767	0.9260	0.9859	0.8652	0.7067
64.3	0.7896	0.8846	0.9072	0.9718	0.9329	0.9881	0.8991	0.7003
64.4	0.7177	0.8700	0.8836	0.9685	0.9424	0.9887	0.8992	0.6616
64.5	0.7211	0.8850	0.8838	0.9667	0.9431	0.9880	0.8886	0.6628
64.6	0.7683	0.9045	0.9147	0.9693	0.9332	0.9912	0.8949	0.7045
64.7	0.7887	0.9035	0.9372	0.9655	0.9131	0.9917	0.9016	0.6746
64.8	0.7573	0.8927	0.9189	0.9521	0.8965	0.9890	0.9122	0.5325
64.9	0.7006	0.8709	0.9040	0.9495	0.8938	0.9876	0.8509	0.6299
65.0	0.6337	0.8447	0.9128	0.9634	0.9271	0.9857	0.8792	0.6674
65.1	0.6271	0.7591	0.9148	0.9572	0.9166	0.9834	0.8725	0.5992
65.2	0.6413	0.7566	0.9267	0.9690	0.9032	0.9832	0.8813	0.6247
65.3	0.6262	0.7632	0.9337	0.9496	0.8978	0.9817	0.8634	0.5386
65.4	0.6704	0.7561	0.9445	0.9442	0.8605	0.9805	0.8544	0.6398
65.5	0.6049	0.7519	0.9405	0.9458	0.8485	0.9745	0.8223	0.5721
65.6	0.7181	0.8173	0.9554	0.9510	0.8850	0.9841	0.8664	0.5604
65.7	0.7481	0.7618	0.9470	0.9564	0.8429	0.9807	0.8150	0.4837
65.8	0.6684	0.7585	0.9470	0.9525	0.8002	0.9806	0.7964	0.3577
65.9	0.6141	0.7773	0.9428	0.9441	0.8229	0.9790	0.8474	0.4038
66.0	0.6178	0.6644	0.9227	0.9317	0.7759	0.9746	0.8233	0.3586
66.1	0.7131	0.7251	0.9546	0.9339	0.8173	0.9807	0.8184	0.4758
66.2	0.7261	0.7781	0.9515	0.9368	0.8229	0.9800	0.7956	0.3815
66.3	0.7241	0.7598	0.9541	0.9342	0.7553	0.9827	0.7426	0.3009
66.4	0.7739	0.7704	0.9629	0.9303	0.7198	0.9794	0.7786	0.4300
66.5	0.7752	0.7369	0.9658	0.9099	0.6912	0.9810	0.7911	0.3818
66.6	0.7751	0.7600	0.9639	0.9304	0.7076	0.9849	0.8373	0.2695
66.7	0.8084	0.7368	0.9616	0.9178	0.6751	0.9845	0.8225	0.2229
66.8	0.8218	0.6796	0.9604	0.9095	0.6472	0.9835	0.7924	0.3707
66.9	0.8652	0.7068	0.9629	0.9192	0.5825	0.9837	0.7658	0.3287
67.0	0.8691	0.6771	0.9642	0.9360	0.4831	0.9834	0.7305	0.3246
67.1	0.8388	0.6010	0.9551	0.9089	0.4241	0.9778	0.7442	0.1860
67.2	0.8609	0.6556	0.9595	0.9195	0.4119	0.9812	0.7114	0.1983
67.3	0.9079	0.7523	0.9634	0.9339	0.4384	0.9810	0.7615	0.3249
67.4	0.8824	0.7558	0.9584	0.9051	0.3898	0.9764	0.7737	0.3541
67.5	0.8799	0.6316	0.9626	0.9019	0.4328	0.9812	0.6389	0.2176
67.6	0.8970	0.6319	0.9582	0.9153	0.4615	0.9799	0.6897	0.1612
67.7	0.9225	0.6840	0.9678	0.9428	0.5397	0.9820	0.6929	0.2139
67.8	0.9298	0.5974	0.9583	0.9342	0.5046	0.9810	0.7440	0.2908
67.9	0.9238	0.6279	0.9522	0.9242	0.5885	0.9805	0.8047	0.4620
68.0	0.9297	0.6847	0.9631	0.9384	0.6759	0.9828	0.8054	0.4107
68.1	0.9383	0.6689	0.9557	0.9406	0.6076	0.9800	0.7758	0.3853

68.2	0.9140	0.4630	0.9454	0.9368	0.5202	0.9740	0.6677	0.3116
68.3	0.9223	0.4492	0.9459	0.9330	0.5554	0.9823	0.7571	0.4176
68.4	0.9268	0.5584	0.9500	0.9387	0.6742	0.9809	0.8401	0.4958
68.5	0.9137	0.4585	0.9364	0.9189	0.6655	0.9844	0.8471	0.6422
68.6	0.9264	0.4529	0.9353	0.9158	0.5028	0.9820	0.7504	0.5275
68.7	0.9254	0.4708	0.9371	0.9420	0.4470	0.9774	0.8093	0.5549
68.8	0.9333	0.4706	0.9364	0.9383	0.5218	0.9768	0.7469	0.4802
68.9	0.9266	0.3294	0.9140	0.9283	0.5955	0.9770	0.7338	0.4594
69.0	0.9264	0.3635	0.9252	0.9442	0.6781	0.9871	0.7714	0.6229
69.1	0.9351	0.3242	0.9220	0.9482	0.6956	0.9832	0.7793	0.6070
69.2	0.9432	0.3342	0.9263	0.9422	0.6887	0.9848	0.7643	0.5122
69.3	0.9353	0.3994	0.9279	0.9333	0.6622	0.9826	0.8170	0.6339
69.4	0.9377	0.3860	0.9161	0.9378	0.6301	0.9841	0.8940	0.7341
69.5	0.9293	0.3695	0.8982	0.9311	0.6022	0.9779	0.8551	0.7451
69.6	0.9367	0.3803	0.9017	0.9433	0.5932	0.9733	0.8400	0.7585
69.7	0.9559	0.3997	0.9034	0.9419	0.7517	0.9714	0.8825	0.8217
69.8	0.9509	0.4370	0.9069	0.9485	0.8116	0.9776	0.9006	0.8203
69.9	0.9477	0.3790	0.8828	0.9425	0.7674	0.9750	0.8676	0.7875
70.0	0.9570	0.4578	0.8926	0.9463	0.7684	0.9750	0.8701	0.7419
70.1	0.9415	0.4449	0.8847	0.9442	0.7565	0.9701	0.8262	0.7458
70.2	0.9397	0.4459	0.8716	0.9363	0.7917	0.9665	0.8495	0.8255
70.3	0.9393	0.5252	0.8614	0.9363	0.8115	0.9659	0.8474	0.7616
70.4	0.9571	0.5399	0.8848	0.9543	0.8250	0.9719	0.8136	0.7280
70.5	0.9603	0.4975	0.8438	0.9433	0.7729	0.9633	0.6037	0.5557
70.6	0.9566	0.4710	0.8524	0.9476	0.8245	0.9546	0.5942	0.5116
70.7	0.9652	0.5945	0.8939	0.9595	0.8855	0.9629	0.7770	0.7840
70.8	0.9479	0.4648	0.8472	0.9409	0.8413	0.9566	0.7011	0.7548
70.9	0.9514	0.4967	0.7914	0.9274	0.7699	0.9460	0.5706	0.7530
71.0	0.9621	0.3837	0.7499	0.9258	0.7390	0.9395	0.4777	0.7154
71.1	0.9656	0.2816	0.7310	0.9225	0.7253	0.9325	0.4407	0.7326
71.2	0.9784	0.3643	0.7978	0.9449	0.7125	0.9500	0.4334	0.7313
71.3	0.9717	0.3319	0.7869	0.9431	0.7719	0.9503	0.5209	0.7727
71.4	0.9710	0.3230	0.6697	0.9064	0.8029	0.9273	0.5782	0.7711
71.5	0.9718	0.4520	0.5668	0.8925	0.7512	0.9209	0.5741	0.7498
71.6	0.9582	0.5050	0.4834	0.9013	0.8107	0.9142	0.5584	0.7394
71.7	0.9677	0.4199	0.5918	0.9257	0.8386	0.9183	0.6099	0.7646
71.8	0.9711	0.3894	0.4063	0.8773	0.8541	0.9328	0.6836	0.8348
71.9	0.9772	0.5351	0.5226	0.8996	0.8835	0.9546	0.6191	0.8523
72.0	0.9754	0.5154	0.3232	0.8289	0.8870	0.9168	0.6667	0.8044
72.1	0.9804	0.5751	0.0670	0.7283	0.8940	0.9118	0.7481	0.8240
72.2	0.9818	0.6230	0.1464	0.7759	0.8983	0.9275	0.7582	0.8429
72.3	0.9766	0.6776	0.1746	0.7711	0.8743	0.9360	0.8001	0.8395
72.4	0.9658	0.5461	0.1091	0.7834	0.8712	0.9314	0.7396	0.8250
72.5	0.9585	0.5956	0.0675	0.6979	0.8843	0.9396	0.7010	0.7664
72.6	0.9691	0.6930	0.0823	0.6751	0.8837	0.9425	0.7053	0.8345
72.7	0.9699	0.7093	0.2129	0.5998	0.8884	0.9401	0.8124	0.8322
72.8	0.9613	0.6776	0.2007	0.6148	0.8725	0.9385	0.7986	0.8300
72.9	0.9608	0.7338	0.2344	0.6416	0.9041	0.9324	0.8307	0.8546
73.0	0.9672	0.7984	0.2915	0.6574	0.9023	0.9321	0.8119	0.8286
73.1	0.9525	0.8031	0.2254	0.6563	0.8589	0.9179	0.7910	0.8135
73.2	0.9561	0.7047	0.2804	0.6936	0.8790	0.9215	0.8119	0.8288
73.3	0.9672	0.7673	0.4311	0.7896	0.9102	0.9507	0.8839	0.8866
73.4	0.9653	0.7764	0.4359	0.8332	0.9044	0.9605	0.8599	0.8714
73.5	0.9555	0.7689	0.3834	0.8272	0.8708	0.9429	0.7593	0.8469
73.6	0.9631	0.7935	0.5128	0.8682	0.8810	0.9385	0.8221	0.8616
73.7	0.9623	0.7944	0.6299	0.9033	0.8967	0.9436	0.8225	0.8154
73.8	0.9456	0.6894	0.3877	0.8676	0.9142	0.9038	0.8184	0.8197
73.9	0.9300	0.6397	0.3047	0.8423	0.8974	0.8701	0.8537	0.7970
74.0	0.9401	0.6958	0.4524	0.8848	0.9239	0.8899	0.8005	0.7695
74.1	0.9487	0.7313	0.5418	0.8932	0.9148	0.8815	0.7608	0.7382
74.2	0.9459	0.7263	0.3498	0.9081	0.9279	0.8665	0.8103	0.7529
74.3	0.9423	0.7389	0.4117	0.9278	0.9056	0.8451	0.8068	0.8101
74.4	0.9428	0.7408	0.4234	0.9180	0.8934	0.8315	0.7989	0.8352
74.5	0.9398	0.7722	0.3545	0.9090	0.8945	0.8104	0.7807	0.7727
74.6	0.9151	0.7513	0.3603	0.9298	0.8844	0.7900	0.7659	0.7451
74.7	0.9242	0.7493	0.3845	0.9429	0.8926	0.7676	0.7642	0.7931
74.8	0.9521	0.8263	0.4145	0.9653	0.9216	0.7676	0.8016	0.8336
74.9	0.9464	0.7954	0.3719	0.9465	0.9191	0.6344	0.7866	0.8032
75.0	0.9229	0.7927	0.2853	0.9512	0.9272	0.5431	0.7957	0.7808
75.1	0.9199	0.7725	0.1918	0.9579	0.9207	0.5101	0.7723	0.7972
75.2	0.9083	0.7564	0.2227	0.9417	0.9158	0.4674	0.6924	0.7659
75.3	0.9259	0.8124	0.4236	0.9540	0.9023	0.3905	0.7146	0.7027
75.4	0.9158	0.7587	0.3234	0.9436	0.8817	0.2766	0.6983	0.7221
75.5	0.9068	0.7081	0.2923	0.9287	0.8430	0.2365	0.7150	0.7703
75.6	0.8976	0.7544	0.2537	0.9282	0.8469	0.3853	0.6931	0.6681
75.7	0.9173	0.8026	0.2835	0.9434	0.8845	0.5289	0.6739	0.6810
75.8	0.9339	0.8335	0.4135	0.9481	0.8992	0.6694	0.5786	0.6829
75.9	0.9252	0.8162	0.3908	0.9488	0.8940	0.7570	0.4455	0.6224
76.0	0.9162	0.8351	0.3495	0.9435	0.8976	0.7917	0.4380	0.6627
76.1	0.8972	0.8261	0.3611	0.9102	0.8853	0.7265	0.3610	0.6962
76.2	0.8845	0.7980	0.4731	0.9187	0.8642	0.7537	0.4390	0.6389
76.3	0.8967	0.8041	0.5126	0.9409	0.8934	0.8097	0.4156	0.6235
76.4	0.9246	0.8493	0.5982	0.9549	0.9058	0.8605	0.4281	0.6895
76.5	0.9271	0.8826	0.7097	0.9461	0.8697	0.8950	0.4445	0.6308
76.6	0.8660	0.7979	0.5889	0.9188	0.8375	0.8505	0.2638	0.5051
76.7	0.8636	0.7970	0.5929	0.9341	0.8425	0.8714	0.1280	0.4855

76.8	0.8952	0.8366	0.6622	0.9057	0.8176	0.8658	0.1863	0.5827
76.9	0.9064	0.8673	0.7350	0.9306	0.8382	0.9148	0.1103	0.6193
77.0	0.9244	0.8618	0.7672	0.9585	0.8482	0.9310	0.1160	0.7346
77.1	0.8787	0.8525	0.7433	0.9277	0.8483	0.9182	0.0503	0.6962
77.2	0.8620	0.8536	0.7101	0.9247	0.8615	0.9398	0.1277	0.6560
77.3	0.8524	0.8246	0.6868	0.9412	0.8463	0.9489	0.2437	0.7009
77.4	0.8849	0.8638	0.7581	0.9540	0.8811	0.9565	0.3750	0.6687
77.5	0.8606	0.8507	0.7754	0.9238	0.8437	0.9369	0.3233	0.5422
77.6	0.8747	0.8906	0.8329	0.9294	0.8371	0.9686	0.4007	0.6614
77.7	0.8297	0.8349	0.7853	0.9288	0.7725	0.9592	0.6838	0.7322
77.8	0.8536	0.8637	0.8406	0.9433	0.8416	0.9608	0.7565	0.7402
77.9	0.8557	0.8703	0.8534	0.9442	0.8095	0.9647	0.7827	0.7958
78.0	0.8304	0.8911	0.8547	0.9370	0.8198	0.9708	0.7626	0.7974
78.1	0.8239	0.8899	0.8739	0.9374	0.8393	0.9748	0.7765	0.8020
78.2	0.7464	0.8434	0.7965	0.9407	0.8351	0.9700	0.7686	0.7762
78.3	0.7491	0.8612	0.8261	0.9317	0.8361	0.9713	0.8353	0.7521
78.4	0.8089	0.9224	0.8940	0.9524	0.8954	0.9838	0.9090	0.7500
78.5	0.7465	0.8875	0.8708	0.9385	0.8642	0.9708	0.8388	0.6617
78.6	0.7229	0.8832	0.8832	0.9422	0.8293	0.9700	0.8470	0.7245
78.7	0.6710	0.8879	0.8869	0.9451	0.8495	0.9778	0.8748	0.6614
78.8	0.5410	0.8616	0.8033	0.9292	0.8580	0.9698	0.8547	0.6400
78.9	0.6623	0.9098	0.8187	0.9515	0.9106	0.9832	0.8825	0.7301
79.0	0.6936	0.9040	0.8259	0.9451	0.8390	0.9813	0.8766	0.6714
79.1	0.5801	0.8684	0.8280	0.9367	0.7548	0.9723	0.8936	0.6810
79.2	0.4128	0.8617	0.8412	0.9164	0.7593	0.9666	0.9102	0.5945
79.3	0.3404	0.8683	0.8268	0.9261	0.7775	0.9767	0.9206	0.5840
79.4	0.3569	0.9038	0.8572	0.9279	0.8109	0.9798	0.9066	0.5748
79.5	0.3478	0.9174	0.8866	0.9286	0.8498	0.9800	0.9181	0.5933
79.6	0.3008	0.9104	0.8593	0.9237	0.8515	0.9823	0.9311	0.5546
79.7	0.4505	0.9178	0.8533	0.9235	0.8455	0.9771	0.9284	0.4812
79.8	0.5449	0.9214	0.8616	0.9240	0.8921	0.9805	0.9312	0.5817
79.9	0.6156	0.9391	0.8949	0.9237	0.8954	0.9804	0.9459	0.5594
80.0	0.6661	0.9459	0.8968	0.9237	0.8980	0.9827	0.9621	0.5238

2.2.48 Run 4 – IP050-200 – Accels 41–47

In-plane shaking at 50° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9545	0.8427	0.8650	0.9150	0.9098	0.4925	0.3569
0.1	0.7815	0.5621	0.4900	0.6659	0.6406	0.2344	0.2234
0.2	0.0293	0.0062	0.0181	0.0210	0.0248	0.0126	0.0359
0.3	0.0450	0.0028	0.0327	0.0112	0.0020	0.0056	0.0125
0.4	0.0763	0.0127	0.0263	0.0228	0.0117	0.0347	0.0767
0.5	0.0110	0.0008	0.0431	0.0030	0.0086	0.0500	0.0042
0.6	0.0145	0.0016	0.0376	0.0150	0.0008	0.0271	0.0291
0.7	0.1136	0.0912	0.0102	0.2156	0.1129	0.0114	0.0839
0.8	0.1462	0.2947	0.0152	0.3806	0.4947	0.0013	0.2741
0.9	0.4512	0.5973	0.0815	0.6709	0.7427	0.0044	0.7535
1.0	0.7062	0.8082	0.2135	0.8520	0.8192	0.0530	0.7448
1.1	0.5328	0.5034	0.0852	0.6928	0.5057	0.0804	0.6027
1.2	0.7344	0.5403	0.1551	0.8362	0.5463	0.0614	0.7871
1.3	0.7951	0.5844	0.2581	0.8869	0.6214	0.0744	0.8313
1.4	0.2755	0.1876	0.3354	0.8377	0.2284	0.2040	0.8853
1.5	0.5604	0.4449	0.6988	0.8829	0.4786	0.3913	0.9312
1.6	0.8457	0.8492	0.8941	0.9134	0.8595	0.6022	0.9498
1.7	0.9700	0.9350	0.9446	0.9601	0.9335	0.7194	0.9149
1.8	0.9757	0.8877	0.9604	0.9602	0.8854	0.8063	0.8732
1.9	0.9712	0.8602	0.9594	0.9494	0.8583	0.7984	0.8574
2.0	0.9259	0.7385	0.9050	0.8728	0.7354	0.8245	0.7495
2.1	0.9067	0.8282	0.9148	0.8918	0.8294	0.8606	0.8322
2.2	0.8376	0.8842	0.8531	0.8312	0.8857	0.8246	0.8835
2.3	0.3624	0.8192	0.3753	0.3530	0.8132	0.3872	0.8169
2.4	0.7243	0.8304	0.6807	0.7206	0.8075	0.6679	0.8895
2.5	0.9204	0.9379	0.8834	0.9192	0.9334	0.8609	0.9531
2.6	0.9731	0.9635	0.9462	0.9725	0.9621	0.9029	0.9727
2.7	0.9865	0.9746	0.9487	0.9860	0.9737	0.9049	0.9809
2.8	0.9878	0.9824	0.9357	0.9871	0.9816	0.8089	0.9857
2.9	0.9959	0.9808	0.9421	0.9959	0.9800	0.7911	0.9849
3.0	0.9967	0.9871	0.9195	0.9968	0.9867	0.7252	0.9896
3.1	0.9983	0.9894	0.8563	0.9981	0.9889	0.6747	0.9912
3.2	0.9983	0.9910	0.5302	0.9985	0.9905	0.3824	0.9915
3.3	0.9987	0.9917	0.2965	0.9989	0.9915	0.2522	0.9917
3.4	0.9986	0.9939	0.7938	0.9989	0.9936	0.4825	0.9929
3.5	0.9990	0.9949	0.9085	0.9991	0.9949	0.7822	0.9945
3.6	0.9991	0.9950	0.9515	0.9992	0.9950	0.8435	0.9939
3.7	0.9994	0.9961	0.9786	0.9994	0.9958	0.9226	0.9957
3.8	0.9995	0.9953	0.9839	0.9995	0.9951	0.9424	0.9948
3.9	0.9996	0.9950	0.9852	0.9996	0.9949	0.9599	0.9941
4.0	0.9996	0.9945	0.9886	0.9995	0.9941	0.9683	0.9940
4.1	0.9994	0.9944	0.9923	0.9994	0.9939	0.9720	0.9931
4.2	0.9994	0.9933	0.9874	0.9994	0.9931	0.9752	0.9900
4.3	0.9992	0.9944	0.9912	0.9995	0.9942	0.9811	0.9911
4.4	0.9993	0.9973	0.9944	0.9995	0.9971	0.9844	0.9957
4.5	0.9993	0.9976	0.9961	0.9994	0.9976	0.9882	0.9963
4.6	0.9990	0.9971	0.9950	0.9993	0.9970	0.9888	0.9924
4.7	0.9989	0.9983	0.9959	0.9993	0.9981	0.9910	0.9935
4.8	0.9988	0.9980	0.9961	0.9990	0.9978	0.9916	0.9955
4.9	0.9986	0.9962	0.9936	0.9988	0.9960	0.9885	0.9910
5.0	0.9982	0.9969	0.9962	0.9985	0.9967	0.9914	0.9926
5.1	0.9979	0.9982	0.9960	0.9986	0.9980	0.9932	0.9928
5.2	0.9977	0.9980	0.9955	0.9983	0.9978	0.9932	0.9863
5.3	0.9969	0.9978	0.9942	0.9977	0.9977	0.9910	0.9871
5.4	0.9969	0.9973	0.9952	0.9977	0.9973	0.9938	0.9866
5.5	0.9971	0.9975	0.9956	0.9979	0.9974	0.9943	0.9903
5.6	0.9954	0.9957	0.9931	0.9970	0.9952	0.9929	0.9790
5.7	0.9946	0.9959	0.9942	0.9964	0.9957	0.9946	0.9795
5.8	0.9930	0.9953	0.9939	0.9948	0.9951	0.9947	0.9747
5.9	0.9933	0.9938	0.9958	0.9943	0.9936	0.9949	0.9641
6.0	0.9933	0.9947	0.9962	0.9949	0.9945	0.9963	0.9577
6.1	0.9947	0.9961	0.9954	0.9965	0.9960	0.9956	0.9614
6.2	0.9957	0.9968	0.9954	0.9974	0.9967	0.9954	0.9609
6.3	0.9927	0.9936	0.9918	0.9949	0.9932	0.9921	0.9349
6.4	0.9853	0.9924	0.9888	0.9900	0.9915	0.9886	0.9138
6.5	0.9885	0.9958	0.9890	0.9922	0.9952	0.9886	0.9367
6.6	0.9897	0.9970	0.9910	0.9934	0.9966	0.9910	0.9290
6.7	0.9887	0.9968	0.9870	0.9928	0.9961	0.9874	0.9163
6.8	0.9865	0.9961	0.9772	0.9915	0.9950	0.9793	0.8510
6.9	0.9855	0.9962	0.9512	0.9908	0.9963	0.9540	0.8214
7.0	0.9861	0.9967	0.9279	0.9897	0.9966	0.9308	0.8314
7.1	0.9745	0.9951	0.8484	0.9733	0.9937	0.8517	0.8072
7.2	0.9839	0.9952	0.9009	0.9780	0.9940	0.9006	0.9143
7.3	0.9896	0.9974	0.9635	0.9865	0.9971	0.9613	0.8736
7.4	0.9912	0.9982	0.9536	0.9853	0.9981	0.9510	0.8102
7.5	0.9905	0.9985	0.9425	0.9878	0.9986	0.9356	0.8165
7.6	0.9876	0.9976	0.9532	0.9870	0.9976	0.9454	0.7930
7.7	0.9898	0.9981	0.9715	0.9896	0.9980	0.9635	0.9240
7.8	0.9918	0.9986	0.9898	0.9922	0.9983	0.9861	0.9432
7.9	0.9937	0.9988	0.9925	0.9943	0.9987	0.9901	0.9804

8.0	0.9878	0.9981	0.9809	0.9900	0.9981	0.9757	0.9656
8.1	0.9921	0.9989	0.9924	0.9941	0.9988	0.9898	0.9709
8.2	0.9926	0.9991	0.9907	0.9939	0.9990	0.9867	0.9750
8.3	0.9891	0.9983	0.9793	0.9909	0.9983	0.9707	0.9697
8.4	0.9919	0.9984	0.9872	0.9926	0.9984	0.9811	0.9622
8.5	0.9914	0.9984	0.9750	0.9924	0.9986	0.9617	0.9638
8.6	0.9941	0.9988	0.9857	0.9949	0.9991	0.9821	0.9886
8.7	0.9958	0.9991	0.9944	0.9964	0.9992	0.9932	0.9925
8.8	0.9944	0.9989	0.9789	0.9948	0.9989	0.9772	0.9870
8.9	0.9939	0.9992	0.9703	0.9944	0.9990	0.9727	0.9912
9.0	0.9930	0.9989	0.9511	0.9910	0.9988	0.9551	0.9929
9.1	0.9941	0.9991	0.9794	0.9925	0.9990	0.9789	0.9913
9.2	0.9855	0.9986	0.9325	0.9799	0.9983	0.9328	0.9819
9.3	0.9845	0.9990	0.9413	0.9715	0.9987	0.9414	0.9906
9.4	0.9873	0.9990	0.9688	0.9716	0.9988	0.9663	0.9908
9.5	0.9908	0.9989	0.9827	0.9733	0.9990	0.9798	0.9942
9.6	0.9907	0.9988	0.9896	0.9760	0.9987	0.9866	0.9906
9.7	0.9929	0.9987	0.9932	0.9822	0.9986	0.9913	0.9905
9.8	0.9960	0.9991	0.9972	0.9925	0.9990	0.9955	0.9907
9.9	0.9960	0.9988	0.9981	0.9929	0.9987	0.9974	0.9910
10.0	0.9949	0.9983	0.9988	0.9919	0.9980	0.9977	0.9898
10.1	0.9950	0.9980	0.9987	0.9919	0.9979	0.9978	0.9902
10.2	0.9941	0.9980	0.9988	0.9913	0.9979	0.9976	0.9887
10.3	0.9962	0.9981	0.9992	0.9942	0.9981	0.9983	0.9898
10.4	0.9976	0.9983	0.9992	0.9965	0.9982	0.9976	0.9889
10.5	0.9980	0.9988	0.9995	0.9976	0.9986	0.9983	0.9912
10.6	0.9972	0.9983	0.9994	0.9967	0.9982	0.9977	0.9930
10.7	0.9978	0.9984	0.9996	0.9968	0.9982	0.9985	0.9916
10.8	0.9974	0.9984	0.9996	0.9969	0.9982	0.9983	0.9926
10.9	0.9967	0.9988	0.9994	0.9963	0.9987	0.9981	0.9924
11.0	0.9952	0.9983	0.9993	0.9950	0.9981	0.9974	0.9884
11.1	0.9973	0.9988	0.9993	0.9974	0.9986	0.9975	0.9937
11.2	0.9974	0.9989	0.9993	0.9975	0.9989	0.9973	0.9936
11.3	0.9962	0.9981	0.9988	0.9961	0.9981	0.9963	0.9929
11.4	0.9969	0.9979	0.9990	0.9969	0.9980	0.9976	0.9955
11.5	0.9976	0.9982	0.9991	0.9978	0.9980	0.9975	0.9953
11.6	0.9973	0.9981	0.9986	0.9979	0.9981	0.9964	0.9937
11.7	0.9976	0.9983	0.9984	0.9983	0.9982	0.9971	0.9946
11.8	0.9976	0.9981	0.9986	0.9974	0.9979	0.9959	0.9951
11.9	0.9986	0.9983	0.9992	0.9980	0.9984	0.9964	0.9962
12.0	0.9975	0.9971	0.9983	0.9976	0.9973	0.9967	0.9935
12.1	0.9967	0.9962	0.9980	0.9973	0.9966	0.9949	0.9923
12.2	0.9981	0.9977	0.9985	0.9981	0.9977	0.9968	0.9947
12.3	0.9974	0.9971	0.9983	0.9975	0.9973	0.9961	0.9941
12.4	0.9963	0.9946	0.9972	0.9960	0.9949	0.9954	0.9927
12.5	0.9957	0.9936	0.9964	0.9946	0.9936	0.9940	0.9921
12.6	0.9966	0.9947	0.9971	0.9937	0.9952	0.9920	0.9932
12.7	0.9965	0.9944	0.9963	0.9937	0.9945	0.9918	0.9931
12.8	0.9968	0.9951	0.9957	0.9929	0.9952	0.9916	0.9940
12.9	0.9958	0.9949	0.9942	0.9894	0.9951	0.9899	0.9933
13.0	0.9956	0.9936	0.9919	0.9882	0.9935	0.9872	0.9899
13.1	0.9931	0.9912	0.9889	0.9849	0.9906	0.9796	0.9862
13.2	0.9899	0.9845	0.9856	0.9863	0.9838	0.9599	0.9801
13.3	0.9870	0.9777	0.9797	0.9848	0.9767	0.9323	0.9714
13.4	0.9757	0.9442	0.9526	0.9656	0.9427	0.9132	0.9373
13.5	0.9816	0.9589	0.9607	0.9733	0.9577	0.9536	0.9539
13.6	0.9769	0.9515	0.9513	0.9724	0.9502	0.9570	0.9496
13.7	0.9787	0.9467	0.9481	0.9776	0.9452	0.9569	0.9466
13.8	0.9828	0.9638	0.9572	0.9883	0.9629	0.9817	0.9670
13.9	0.9733	0.9761	0.9747	0.9884	0.9750	0.9829	0.9789
14.0	0.9793	0.9854	0.9789	0.9862	0.9848	0.9892	0.9878
14.1	0.9517	0.9803	0.9684	0.9636	0.9785	0.9705	0.9823
14.2	0.9530	0.9834	0.9762	0.9596	0.9806	0.9678	0.9846
14.3	0.9269	0.9741	0.9650	0.9340	0.9682	0.9445	0.9754
14.4	0.9152	0.9709	0.9620	0.9173	0.9612	0.9350	0.9744
14.5	0.9525	0.9802	0.9753	0.9526	0.9727	0.9531	0.9847
14.6	0.9609	0.9868	0.9723	0.9593	0.9811	0.9500	0.9919
14.7	0.9758	0.9958	0.9850	0.9729	0.9936	0.9733	0.9967
14.8	0.9688	0.9961	0.9782	0.9663	0.9949	0.9620	0.9960
14.9	0.9828	0.9982	0.9843	0.9805	0.9980	0.9743	0.9978
15.0	0.9885	0.9974	0.9878	0.9866	0.9977	0.9747	0.9984
15.1	0.9905	0.9977	0.9932	0.9894	0.9981	0.9808	0.9987
15.2	0.9915	0.9973	0.9961	0.9904	0.9976	0.9845	0.9991
15.3	0.9942	0.9978	0.9972	0.9930	0.9981	0.9888	0.9992
15.4	0.9923	0.9966	0.9968	0.9910	0.9971	0.9866	0.9990
15.5	0.9939	0.9967	0.9979	0.9928	0.9973	0.9900	0.9995
15.6	0.9953	0.9974	0.9977	0.9948	0.9977	0.9892	0.9994
15.7	0.9949	0.9969	0.9971	0.9943	0.9972	0.9836	0.9994
15.8	0.9953	0.9972	0.9974	0.9955	0.9974	0.9874	0.9994
15.9	0.9953	0.9966	0.9983	0.9951	0.9967	0.9917	0.9995
16.0	0.9971	0.9975	0.9981	0.9969	0.9978	0.9899	0.9995
16.1	0.9979	0.9973	0.9979	0.9976	0.9974	0.9899	0.9995
16.2	0.9981	0.9969	0.9975	0.9978	0.9973	0.9911	0.9994
16.3	0.9961	0.9955	0.9969	0.9956	0.9960	0.9903	0.9993
16.4	0.9957	0.9957	0.9960	0.9951	0.9961	0.9901	0.9991
16.5	0.9938	0.9957	0.9951	0.9930	0.9958	0.9898	0.9989

16.6	0.9944	0.9964	0.9959	0.9935	0.9963	0.9915	0.9991
16.7	0.9956	0.9956	0.9956	0.9946	0.9954	0.9910	0.9984
16.8	0.9947	0.9951	0.9949	0.9923	0.9945	0.9809	0.9984
16.9	0.9948	0.9972	0.9967	0.9921	0.9967	0.9857	0.9987
17.0	0.9942	0.9980	0.9963	0.9923	0.9976	0.9851	0.9986
17.1	0.9949	0.9966	0.9962	0.9927	0.9962	0.9769	0.9976
17.2	0.9957	0.9980	0.9977	0.9935	0.9977	0.9811	0.9988
17.3	0.9948	0.9985	0.9973	0.9921	0.9982	0.9820	0.9989
17.4	0.9952	0.9982	0.9975	0.9933	0.9977	0.9860	0.9989
17.5	0.9950	0.9977	0.9975	0.9933	0.9972	0.9848	0.9992
17.6	0.9937	0.9977	0.9970	0.9922	0.9975	0.9853	0.9990
17.7	0.9904	0.9963	0.9950	0.9885	0.9955	0.9829	0.9976
17.8	0.9932	0.9945	0.9946	0.9918	0.9935	0.9836	0.9967
17.9	0.9922	0.9937	0.9928	0.9915	0.9922	0.9834	0.9963
18.0	0.9899	0.9927	0.9923	0.9884	0.9916	0.9809	0.9959
18.1	0.9889	0.9925	0.9926	0.9864	0.9910	0.9805	0.9958
18.2	0.9875	0.9875	0.9928	0.9856	0.9842	0.9786	0.9965
18.3	0.9841	0.9836	0.9928	0.9812	0.9788	0.9704	0.9953
18.4	0.9775	0.9844	0.9914	0.9774	0.9816	0.9668	0.9957
18.5	0.9780	0.9863	0.9859	0.9772	0.9833	0.9536	0.9964
18.6	0.9728	0.9837	0.9806	0.9667	0.9800	0.9364	0.9965
18.7	0.9654	0.9674	0.9727	0.9584	0.9638	0.9413	0.9939
18.8	0.9820	0.9712	0.9866	0.9801	0.9655	0.9722	0.9957
18.9	0.9720	0.9586	0.9869	0.9713	0.9438	0.9662	0.9955
19.0	0.9670	0.9433	0.9822	0.9709	0.9277	0.9529	0.9932
19.1	0.9618	0.9203	0.9809	0.9665	0.8967	0.9466	0.9929
19.2	0.9657	0.9252	0.9867	0.9664	0.8999	0.9478	0.9942
19.3	0.9574	0.9175	0.9890	0.9530	0.9100	0.9484	0.9952
19.4	0.9616	0.9082	0.9913	0.9621	0.8979	0.9537	0.9956
19.5	0.9662	0.9066	0.9905	0.9599	0.8953	0.9531	0.9945
19.6	0.9658	0.8939	0.9916	0.9497	0.8813	0.9461	0.9934
19.7	0.9388	0.7923	0.9888	0.9295	0.7823	0.9126	0.9900
19.8	0.9230	0.7121	0.9871	0.9241	0.6960	0.8713	0.9882
19.9	0.9135	0.6657	0.9874	0.9218	0.6533	0.8296	0.9856
20.0	0.8776	0.5522	0.9864	0.8796	0.5430	0.7864	0.9882
20.1	0.9049	0.3709	0.9841	0.8884	0.3506	0.7918	0.9790
20.2	0.9178	0.2577	0.9848	0.9206	0.2590	0.8041	0.9783
20.3	0.8915	0.2654	0.9850	0.8884	0.2880	0.7533	0.9840
20.4	0.8348	0.1869	0.9804	0.8102	0.2011	0.5569	0.9765
20.5	0.8231	0.2323	0.9800	0.8227	0.2512	0.5005	0.9757
20.6	0.7756	0.2403	0.9747	0.7645	0.2672	0.3528	0.9668
20.7	0.6835	0.1654	0.9705	0.6466	0.1764	0.1258	0.9458
20.8	0.5584	0.2100	0.9646	0.4942	0.2194	0.0536	0.9260
20.9	0.4135	0.2408	0.9425	0.3035	0.2527	0.1468	0.8722
21.0	0.4631	0.5825	0.9480	0.3472	0.5849	0.4834	0.8924
21.1	0.4070	0.6702	0.9330	0.3248	0.6689	0.5006	0.8787
21.2	0.4815	0.5813	0.9137	0.3807	0.5778	0.4322	0.8372
21.3	0.5537	0.5432	0.9169	0.4234	0.5389	0.5940	0.8469
21.4	0.6699	0.5698	0.9177	0.5442	0.5699	0.6907	0.8688
21.5	0.6490	0.6500	0.8835	0.6333	0.6570	0.6334	0.8568
21.6	0.7051	0.5827	0.8660	0.7257	0.5901	0.6104	0.8134
21.7	0.7749	0.6150	0.8675	0.7786	0.6107	0.6964	0.8344
21.8	0.8180	0.6312	0.8288	0.8265	0.6244	0.6979	0.8221
21.9	0.8968	0.7537	0.8470	0.8902	0.7500	0.7382	0.8743
22.0	0.8718	0.6439	0.7258	0.8493	0.6489	0.6118	0.7809
22.1	0.8981	0.6555	0.6613	0.8967	0.6606	0.6451	0.7591
22.2	0.9210	0.7212	0.6852	0.9321	0.7247	0.7389	0.7888
22.3	0.9365	0.7378	0.5797	0.9407	0.7423	0.7347	0.7797
22.4	0.9439	0.7803	0.7072	0.9448	0.7817	0.7405	0.8087
22.5	0.9570	0.8207	0.7870	0.9455	0.8218	0.7570	0.8464
22.6	0.9518	0.8523	0.8054	0.9507	0.8529	0.7718	0.8724
22.7	0.9677	0.8981	0.8722	0.9704	0.8974	0.8710	0.9193
22.8	0.9643	0.9081	0.8959	0.9676	0.9088	0.8654	0.9222
22.9	0.9567	0.9293	0.8691	0.9648	0.9287	0.8788	0.9365
23.0	0.9531	0.9508	0.8788	0.9719	0.9507	0.9138	0.9493
23.1	0.9468	0.9611	0.8915	0.9698	0.9618	0.8943	0.9586
23.2	0.9135	0.9561	0.8364	0.9693	0.9562	0.8604	0.9524
23.3	0.9130	0.9514	0.8185	0.9611	0.9532	0.8236	0.9446
23.4	0.9408	0.9645	0.8095	0.9650	0.9679	0.8389	0.9554
23.5	0.9523	0.9749	0.7255	0.9731	0.9767	0.8331	0.9637
23.6	0.9522	0.9755	0.5808	0.9767	0.9764	0.7405	0.9624
23.7	0.9585	0.9833	0.5055	0.9788	0.9844	0.7027	0.9708
23.8	0.9470	0.9779	0.5686	0.9797	0.9771	0.6287	0.9615
23.9	0.9653	0.9844	0.7850	0.9820	0.9831	0.4533	0.9651
24.0	0.9704	0.9866	0.8246	0.9809	0.9838	0.3509	0.9674
24.1	0.9623	0.9850	0.8146	0.9688	0.9820	0.4035	0.9477
24.2	0.9428	0.9812	0.8417	0.9589	0.9796	0.3194	0.9493
24.3	0.9387	0.9791	0.8632	0.9620	0.9774	0.4219	0.9412
24.4	0.9618	0.9861	0.8946	0.9717	0.9851	0.6101	0.9249
24.5	0.9707	0.9860	0.9190	0.9758	0.9854	0.7212	0.9272
24.6	0.9792	0.9881	0.9474	0.9835	0.9862	0.8571	0.9302
24.7	0.9841	0.9896	0.9667	0.9878	0.9882	0.8889	0.9403
24.8	0.9911	0.9917	0.9720	0.9905	0.9885	0.8903	0.9385
24.9	0.9879	0.9860	0.9679	0.9861	0.9832	0.8874	0.9320
25.0	0.9865	0.9835	0.9633	0.9862	0.9799	0.9083	0.9324
25.1	0.9904	0.9903	0.9759	0.9932	0.9856	0.9520	0.9634

25.2	0.9914	0.9897	0.9836	0.9926	0.9871	0.9676	0.9755
25.3	0.9897	0.9857	0.9827	0.9900	0.9843	0.9710	0.9754
25.4	0.9897	0.9822	0.9849	0.9890	0.9797	0.9703	0.9795
25.5	0.9883	0.9798	0.9818	0.9865	0.9774	0.9742	0.9790
25.6	0.9875	0.9806	0.9775	0.9876	0.9765	0.9740	0.9789
25.7	0.9910	0.9822	0.9819	0.9900	0.9786	0.9799	0.9824
25.8	0.9951	0.9848	0.9871	0.9943	0.9848	0.9843	0.9870
25.9	0.9945	0.9818	0.9851	0.9944	0.9779	0.9813	0.9851
26.0	0.9952	0.9788	0.9897	0.9954	0.9732	0.9883	0.9898
26.1	0.9948	0.9704	0.9898	0.9949	0.9606	0.9859	0.9895
26.2	0.9945	0.9762	0.9897	0.9947	0.9639	0.9882	0.9888
26.3	0.9950	0.9734	0.9900	0.9953	0.9631	0.9902	0.9905
26.4	0.9953	0.9651	0.9924	0.9958	0.9597	0.9896	0.9911
26.5	0.9964	0.9620	0.9933	0.9969	0.9585	0.9911	0.9926
26.6	0.9976	0.9637	0.9955	0.9972	0.9586	0.9940	0.9957
26.7	0.9968	0.9474	0.9922	0.9966	0.9459	0.9912	0.9924
26.8	0.9969	0.9379	0.9915	0.9971	0.9325	0.9917	0.9914
26.9	0.9973	0.9076	0.9924	0.9974	0.8959	0.9908	0.9912
27.0	0.9956	0.8753	0.9908	0.9967	0.8622	0.9895	0.9893
27.1	0.9954	0.8507	0.9870	0.9962	0.8175	0.9852	0.9853
27.2	0.9967	0.9108	0.9894	0.9969	0.8829	0.9877	0.9883
27.3	0.9965	0.9358	0.9877	0.9976	0.9223	0.9873	0.9884
27.4	0.9971	0.9525	0.9890	0.9977	0.9422	0.9887	0.9894
27.5	0.9966	0.9689	0.9905	0.9969	0.9593	0.9898	0.9908
27.6	0.9970	0.9752	0.9906	0.9974	0.9718	0.9905	0.9907
27.7	0.9956	0.9759	0.9880	0.9968	0.9684	0.9890	0.9894
27.8	0.9943	0.9760	0.9847	0.9963	0.9697	0.9876	0.9866
27.9	0.9939	0.9734	0.9800	0.9959	0.9663	0.9831	0.9828
28.0	0.9945	0.9817	0.9882	0.9959	0.9796	0.9900	0.9902
28.1	0.9957	0.9813	0.9884	0.9963	0.9803	0.9893	0.9905
28.2	0.9957	0.9840	0.9848	0.9964	0.9791	0.9879	0.9878
28.3	0.9952	0.9870	0.9873	0.9961	0.9835	0.9897	0.9909
28.4	0.9955	0.9890	0.9872	0.9955	0.9843	0.9881	0.9897
28.5	0.9944	0.9868	0.9846	0.9940	0.9803	0.9873	0.9878
28.6	0.9935	0.9864	0.9842	0.9947	0.9820	0.9897	0.9892
28.7	0.9936	0.9861	0.9765	0.9949	0.9836	0.9870	0.9850
28.8	0.9940	0.9830	0.9785	0.9952	0.9786	0.9875	0.9855
28.9	0.9937	0.9816	0.9799	0.9950	0.9817	0.9861	0.9868
29.0	0.9942	0.9812	0.9766	0.9931	0.9827	0.9837	0.9845
29.1	0.9963	0.9873	0.9775	0.9949	0.9872	0.9838	0.9844
29.2	0.9926	0.9821	0.9692	0.9906	0.9803	0.9771	0.9771
29.3	0.9923	0.9824	0.9660	0.9903	0.9804	0.9783	0.9797
29.4	0.9889	0.9805	0.9512	0.9844	0.9786	0.9760	0.9740
29.5	0.9904	0.9841	0.9645	0.9850	0.9836	0.9785	0.9789
29.6	0.9934	0.9896	0.9740	0.9899	0.9879	0.9807	0.9826
29.7	0.9935	0.9885	0.9772	0.9877	0.9853	0.9805	0.9817
29.8	0.9926	0.9865	0.9805	0.9872	0.9832	0.9838	0.9871
29.9	0.9879	0.9877	0.9676	0.9841	0.9842	0.9819	0.9863
30.0	0.9854	0.9850	0.9631	0.9763	0.9840	0.9824	0.9860
30.1	0.9917	0.9865	0.9822	0.9796	0.9875	0.9865	0.9910
30.2	0.9938	0.9823	0.9833	0.9845	0.9835	0.9864	0.9885
30.3	0.9950	0.9834	0.9892	0.9848	0.9843	0.9897	0.9892
30.4	0.9954	0.9855	0.9882	0.9888	0.9860	0.9900	0.9901
30.5	0.9965	0.9895	0.9909	0.9920	0.9896	0.9936	0.9930
30.6	0.9954	0.9837	0.9876	0.9877	0.9845	0.9914	0.9901
30.7	0.9941	0.9825	0.9896	0.9822	0.9828	0.9906	0.9899
30.8	0.9951	0.9877	0.9898	0.9828	0.9877	0.9907	0.9902
30.9	0.9950	0.9906	0.9930	0.9851	0.9900	0.9930	0.9929
31.0	0.9945	0.9855	0.9883	0.9823	0.9860	0.9890	0.9895
31.1	0.9949	0.9874	0.9912	0.9865	0.9886	0.9917	0.9920
31.2	0.9948	0.9869	0.9921	0.9879	0.9880	0.9924	0.9929
31.3	0.9940	0.9895	0.9914	0.9831	0.9885	0.9913	0.9917
31.4	0.9926	0.9848	0.9882	0.9881	0.9839	0.9882	0.9890
31.5	0.9933	0.9818	0.9886	0.9858	0.9816	0.9890	0.9898
31.6	0.9919	0.9824	0.9884	0.9842	0.9829	0.9874	0.9885
31.7	0.9895	0.9843	0.9892	0.9862	0.9829	0.9895	0.9893
31.8	0.9904	0.9853	0.9889	0.9900	0.9858	0.9904	0.9903
31.9	0.9854	0.9701	0.9798	0.9878	0.9700	0.9818	0.9820
32.0	0.9838	0.9735	0.9801	0.9910	0.9727	0.9820	0.9814
32.1	0.9809	0.9667	0.9729	0.9835	0.9652	0.9756	0.9764
32.2	0.9860	0.9791	0.9841	0.9917	0.9789	0.9860	0.9856
32.3	0.9782	0.9715	0.9775	0.9871	0.9714	0.9793	0.9805
32.4	0.9772	0.9693	0.9800	0.9879	0.9672	0.9817	0.9820
32.5	0.9837	0.9725	0.9778	0.9889	0.9728	0.9802	0.9817
32.6	0.9781	0.9705	0.9770	0.9882	0.9694	0.9786	0.9789
32.7	0.9761	0.9681	0.9733	0.9870	0.9661	0.9756	0.9752
32.8	0.9758	0.9688	0.9683	0.9876	0.9687	0.9720	0.9721
32.9	0.9783	0.9697	0.9707	0.9884	0.9693	0.9738	0.9728
33.0	0.9765	0.9623	0.9681	0.9859	0.9615	0.9718	0.9702
33.1	0.9698	0.9506	0.9558	0.9825	0.9485	0.9624	0.9605
33.2	0.9654	0.9412	0.9495	0.9820	0.9384	0.9561	0.9542
33.3	0.9756	0.9608	0.9604	0.9870	0.9586	0.9664	0.9653
33.4	0.9755	0.9416	0.9276	0.9835	0.9387	0.9409	0.9386
33.5	0.9857	0.9463	0.9395	0.9839	0.9396	0.9510	0.9473
33.6	0.9838	0.9311	0.9243	0.9797	0.9237	0.9391	0.9324
33.7	0.9874	0.9442	0.9314	0.9855	0.9386	0.9469	0.9369

33.8	0.9859	0.9460	0.9124	0.9823	0.9448	0.9368	0.9253
33.9	0.9846	0.9214	0.8687	0.9778	0.9202	0.9100	0.8878
34.0	0.9799	0.9252	0.8848	0.9783	0.9248	0.9198	0.9024
34.1	0.9871	0.9566	0.9465	0.9874	0.9575	0.9605	0.9547
34.2	0.9740	0.9531	0.9311	0.9771	0.9527	0.9472	0.9403
34.3	0.9621	0.9569	0.9421	0.9681	0.9542	0.9527	0.9454
34.4	0.9705	0.9558	0.9553	0.9759	0.9557	0.9629	0.9597
34.5	0.9679	0.9499	0.9594	0.9729	0.9523	0.9644	0.9649
34.6	0.9477	0.9420	0.9460	0.9594	0.9399	0.9485	0.9520
34.7	0.9405	0.9480	0.9462	0.9540	0.9442	0.9501	0.9527
34.8	0.9723	0.9751	0.9745	0.9791	0.9730	0.9756	0.9784
34.9	0.9741	0.9780	0.9764	0.9787	0.9763	0.9769	0.9792
35.0	0.9644	0.9708	0.9691	0.9760	0.9687	0.9690	0.9714
35.1	0.9544	0.9660	0.9666	0.9720	0.9636	0.9673	0.9689
35.2	0.9407	0.9606	0.9594	0.9679	0.9573	0.9606	0.9593
35.3	0.9403	0.9724	0.9687	0.9713	0.9704	0.9693	0.9695
35.4	0.9185	0.9660	0.9620	0.9630	0.9628	0.9615	0.9619
35.5	0.8624	0.9550	0.9521	0.9501	0.9509	0.9507	0.9527
35.6	0.8304	0.9521	0.9523	0.9490	0.9480	0.9527	0.9523
35.7	0.6455	0.9267	0.9301	0.9289	0.9190	0.9304	0.9252
35.8	0.5354	0.9108	0.9238	0.9251	0.9026	0.9221	0.9166
35.9	0.5573	0.9040	0.9216	0.9232	0.8914	0.9129	0.8976
36.0	0.7234	0.9136	0.9465	0.9336	0.9017	0.9430	0.9344
36.1	0.7477	0.8779	0.9163	0.9030	0.8477	0.9046	0.8834
36.2	0.8808	0.8743	0.8822	0.9275	0.8358	0.8504	0.8228
36.3	0.9380	0.8885	0.8937	0.9583	0.8495	0.8500	0.8121
36.4	0.9614	0.8816	0.8831	0.9666	0.8113	0.8064	0.7497
36.5	0.9574	0.8598	0.8585	0.9592	0.7634	0.6989	0.6675
36.6	0.9624	0.8931	0.8479	0.9649	0.8218	0.6312	0.6877
36.7	0.9722	0.9114	0.8365	0.9744	0.8554	0.6077	0.7320
36.8	0.9652	0.9068	0.7790	0.9730	0.8439	0.4488	0.6962
36.9	0.9709	0.9268	0.7243	0.9796	0.8774	0.4996	0.7717
37.0	0.9786	0.9355	0.7117	0.9803	0.8918	0.7557	0.8855
37.1	0.9849	0.9481	0.7213	0.9852	0.9199	0.8759	0.9396
37.2	0.9883	0.9547	0.6466	0.9895	0.9346	0.8928	0.9490
37.3	0.9855	0.9567	0.5804	0.9871	0.9348	0.8845	0.9414
37.4	0.9829	0.9430	0.4248	0.9846	0.9154	0.8634	0.9313
37.5	0.9887	0.9506	0.4796	0.9896	0.9296	0.9247	0.9561
37.6	0.9857	0.9545	0.5051	0.9877	0.9336	0.9291	0.9563
37.7	0.9874	0.9572	0.7081	0.9876	0.9381	0.9580	0.9676
37.8	0.9890	0.9631	0.7230	0.9897	0.9435	0.9622	0.9678
37.9	0.9855	0.9570	0.7168	0.9866	0.9347	0.9530	0.9589
38.0	0.9892	0.9602	0.7951	0.9895	0.9448	0.9622	0.9644
38.1	0.9873	0.9450	0.7906	0.9887	0.9170	0.9504	0.9574
38.2	0.9882	0.9456	0.8647	0.9900	0.9155	0.9607	0.9657
38.3	0.9921	0.9408	0.9156	0.9920	0.9168	0.9772	0.9758
38.4	0.9940	0.9579	0.9424	0.9948	0.9432	0.9838	0.9836
38.5	0.9918	0.9427	0.9081	0.9921	0.9328	0.9675	0.9781
38.6	0.9891	0.9247	0.9280	0.9899	0.9039	0.9723	0.9791
38.7	0.9906	0.9187	0.9315	0.9923	0.8879	0.9780	0.9812
38.8	0.9908	0.8867	0.9251	0.9930	0.8544	0.9775	0.9802
38.9	0.9915	0.8909	0.9434	0.9923	0.8807	0.9819	0.9837
39.0	0.9938	0.8493	0.9459	0.9944	0.8338	0.9828	0.9877
39.1	0.9935	0.8560	0.9483	0.9942	0.8664	0.9839	0.9894
39.2	0.9914	0.8061	0.9487	0.9938	0.8391	0.9846	0.9874
39.3	0.9933	0.8321	0.9594	0.9955	0.8742	0.9879	0.9889
39.4	0.9947	0.8396	0.9623	0.9956	0.8877	0.9879	0.9880
39.5	0.9934	0.8131	0.9585	0.9944	0.8714	0.9858	0.9864
39.6	0.9950	0.8534	0.9674	0.9956	0.9015	0.9887	0.9883
39.7	0.9955	0.8892	0.9677	0.9956	0.9200	0.9872	0.9881
39.8	0.9947	0.8631	0.9705	0.9956	0.9040	0.9867	0.9883
39.9	0.9960	0.8938	0.9740	0.9961	0.9194	0.9885	0.9909
40.0	0.9955	0.8737	0.9646	0.9957	0.9087	0.9865	0.9875
40.1	0.9953	0.8968	0.9646	0.9961	0.9221	0.9857	0.9882
40.2	0.9962	0.8803	0.9665	0.9960	0.9057	0.9860	0.9889
40.3	0.9963	0.8870	0.9693	0.9960	0.9101	0.9861	0.9895
40.4	0.9964	0.8938	0.9726	0.9961	0.9162	0.9889	0.9925
40.5	0.9972	0.8846	0.9663	0.9960	0.9038	0.9850	0.9908
40.6	0.9957	0.8799	0.9633	0.9949	0.8953	0.9838	0.9897
40.7	0.9955	0.8742	0.9599	0.9943	0.9054	0.9818	0.9894
40.8	0.9951	0.8693	0.9705	0.9949	0.8912	0.9862	0.9913
40.9	0.9957	0.8681	0.9727	0.9946	0.8910	0.9880	0.9920
41.0	0.9972	0.8831	0.9802	0.9958	0.9047	0.9910	0.9924
41.1	0.9965	0.8490	0.9773	0.9956	0.8859	0.9887	0.9912
41.2	0.9953	0.8494	0.9671	0.9934	0.8815	0.9840	0.9905
41.3	0.9959	0.8938	0.9677	0.9946	0.9151	0.9820	0.9887
41.4	0.9961	0.8715	0.9683	0.9950	0.8983	0.9834	0.9902
41.5	0.9970	0.8677	0.9759	0.9957	0.8971	0.9883	0.9933
41.6	0.9962	0.8141	0.9752	0.9945	0.8643	0.9860	0.9917
41.7	0.9955	0.7999	0.9794	0.9948	0.8729	0.9864	0.9899
41.8	0.9966	0.8523	0.9795	0.9951	0.9031	0.9854	0.9905
41.9	0.9962	0.8938	0.9774	0.9954	0.9304	0.9834	0.9928
42.0	0.9965	0.9009	0.9823	0.9945	0.9338	0.9867	0.9942
42.1	0.9966	0.9027	0.9817	0.9953	0.9339	0.9853	0.9897
42.2	0.9953	0.8667	0.9764	0.9951	0.8965	0.9862	0.9890
42.3	0.9957	0.8218	0.9809	0.9945	0.8729	0.9861	0.9888

42.4	0.9955	0.8016	0.9783	0.9941	0.8781	0.9821	0.9913
42.5	0.9956	0.8323	0.9740	0.9944	0.8988	0.9795	0.9918
42.6	0.9957	0.9031	0.9807	0.9950	0.9405	0.9826	0.9898
42.7	0.9967	0.9057	0.9895	0.9956	0.9401	0.9911	0.9934
42.8	0.9975	0.9049	0.9892	0.9933	0.9374	0.9914	0.9925
42.9	0.9978	0.9460	0.9891	0.9933	0.9639	0.9913	0.9941
43.0	0.9969	0.9456	0.9882	0.9934	0.9615	0.9869	0.9930
43.1	0.9967	0.9261	0.9894	0.9949	0.9460	0.9882	0.9929
43.2	0.9977	0.9170	0.9881	0.9965	0.9441	0.9904	0.9938
43.3	0.9980	0.9347	0.9846	0.9962	0.9595	0.9865	0.9914
43.4	0.9984	0.9472	0.9904	0.9969	0.9646	0.9906	0.9907
43.5	0.9982	0.9679	0.9914	0.9973	0.9796	0.9932	0.9933
43.6	0.9985	0.9550	0.9882	0.9950	0.9699	0.9892	0.9872
43.7	0.9984	0.9423	0.9847	0.9955	0.9610	0.9877	0.9894
43.8	0.9983	0.9593	0.9812	0.9969	0.9740	0.9868	0.9910
43.9	0.9981	0.9752	0.9859	0.9968	0.9855	0.9881	0.9931
44.0	0.9976	0.9684	0.9833	0.9952	0.9796	0.9792	0.9907
44.1	0.9986	0.9769	0.9883	0.9959	0.9845	0.9883	0.9924
44.2	0.9977	0.9671	0.9810	0.9933	0.9762	0.9816	0.9843
44.3	0.9978	0.9552	0.9679	0.9912	0.9627	0.9678	0.9863
44.4	0.9975	0.9283	0.9647	0.9941	0.9436	0.9613	0.9897
44.5	0.9973	0.9176	0.9843	0.9962	0.9489	0.9830	0.9914
44.6	0.9977	0.9462	0.9852	0.9959	0.9669	0.9834	0.9933
44.7	0.9972	0.9394	0.9840	0.9950	0.9617	0.9840	0.9922
44.8	0.9973	0.9536	0.9839	0.9962	0.9677	0.9864	0.9915
44.9	0.9978	0.9684	0.9904	0.9968	0.9774	0.9908	0.9905
45.0	0.9974	0.9641	0.9853	0.9959	0.9713	0.9855	0.9886
45.1	0.9959	0.9459	0.9740	0.9934	0.9533	0.9683	0.9873
45.2	0.9959	0.9501	0.9606	0.9916	0.9624	0.9630	0.9920
45.3	0.9929	0.9301	0.9236	0.9906	0.9385	0.9361	0.9835
45.4	0.9926	0.9065	0.9326	0.9925	0.9215	0.9501	0.9846
45.5	0.9936	0.9539	0.9511	0.9940	0.9606	0.9659	0.9847
45.6	0.9971	0.9707	0.9758	0.9963	0.9795	0.9807	0.9923
45.7	0.9957	0.9525	0.9723	0.9931	0.9615	0.9719	0.9876
45.8	0.9952	0.9491	0.9684	0.9905	0.9527	0.9670	0.9857
45.9	0.9964	0.9441	0.9809	0.9943	0.9507	0.9791	0.9894
46.0	0.9976	0.9327	0.9842	0.9938	0.9450	0.9802	0.9939
46.1	0.9967	0.9221	0.9646	0.9900	0.9420	0.9577	0.9921
46.2	0.9949	0.8219	0.9179	0.9882	0.8586	0.9229	0.9854
46.3	0.9946	0.8631	0.9344	0.9857	0.8789	0.9327	0.9778
46.4	0.9952	0.9296	0.9503	0.9856	0.9301	0.9361	0.9848
46.5	0.9966	0.9316	0.9362	0.9889	0.9278	0.9038	0.9842
46.6	0.9973	0.9128	0.9539	0.9945	0.9106	0.9517	0.9913
46.7	0.9981	0.8761	0.9553	0.9947	0.8731	0.9617	0.9928
46.8	0.9984	0.9036	0.9710	0.9948	0.9113	0.9734	0.9936
46.9	0.9976	0.9383	0.9720	0.9942	0.9391	0.9729	0.9902
47.0	0.9963	0.9160	0.9186	0.9907	0.9099	0.9345	0.9880
47.1	0.9972	0.8794	0.9455	0.9947	0.8544	0.9641	0.9910
47.2	0.9978	0.8699	0.9773	0.9957	0.8759	0.9845	0.9908
47.3	0.9973	0.9378	0.9692	0.9961	0.9422	0.9782	0.9909
47.4	0.9973	0.9463	0.9705	0.9913	0.9525	0.9731	0.9933
47.5	0.9974	0.9419	0.9610	0.9892	0.9471	0.9607	0.9914
47.6	0.9965	0.9530	0.9400	0.9919	0.9549	0.9400	0.9932
47.7	0.9957	0.9483	0.9004	0.9923	0.9425	0.9015	0.9912
47.8	0.9949	0.9235	0.8161	0.9948	0.9027	0.8798	0.9917
47.9	0.9942	0.8644	0.8800	0.9946	0.8348	0.9362	0.9899
48.0	0.9960	0.8466	0.9046	0.9915	0.8287	0.9240	0.9911
48.1	0.9960	0.7106	0.8439	0.9897	0.7185	0.9023	0.9886
48.2	0.9953	0.8835	0.9259	0.9911	0.8953	0.9485	0.9853
48.3	0.9964	0.9187	0.9633	0.9944	0.9275	0.9782	0.9906
48.4	0.9963	0.8887	0.9514	0.9929	0.9071	0.9692	0.9900
48.5	0.9956	0.9163	0.9563	0.9949	0.9235	0.9676	0.9883
48.6	0.9974	0.9595	0.9767	0.9948	0.9610	0.9756	0.9921
48.7	0.9963	0.9577	0.9466	0.9927	0.9572	0.9509	0.9896
48.8	0.9968	0.9451	0.8953	0.9955	0.9422	0.9422	0.9909
48.9	0.9937	0.7725	0.6707	0.9953	0.7597	0.9275	0.9901
49.0	0.9949	0.7386	0.8818	0.9955	0.8204	0.9636	0.9913
49.1	0.9958	0.8415	0.9495	0.9953	0.8998	0.9797	0.9930
49.2	0.9930	0.8672	0.9450	0.9894	0.9038	0.9674	0.9865
49.3	0.9947	0.9324	0.9522	0.9869	0.9428	0.9674	0.9850
49.4	0.9942	0.8928	0.8950	0.9820	0.9128	0.9146	0.9834
49.5	0.9965	0.8418	0.9036	0.9896	0.8853	0.9414	0.9922
49.6	0.9960	0.8975	0.9515	0.9923	0.9253	0.9718	0.9919
49.7	0.9929	0.9313	0.9423	0.9902	0.9422	0.9623	0.9914
49.8	0.9944	0.9516	0.9066	0.9876	0.9566	0.9320	0.9899
49.9	0.9947	0.9017	0.7939	0.9860	0.9139	0.8792	0.9906
50.0	0.9944	0.9165	0.9358	0.9923	0.9290	0.9623	0.9902
50.1	0.9943	0.9382	0.9583	0.9871	0.9476	0.9713	0.9847
50.2	0.9921	0.9223	0.9327	0.9841	0.9291	0.9505	0.9811
50.3	0.9934	0.8689	0.8695	0.9817	0.8797	0.9224	0.9852
50.4	0.9937	0.9044	0.9335	0.9875	0.9178	0.9618	0.9891
50.5	0.9934	0.9590	0.9683	0.9884	0.9636	0.9791	0.9906
50.6	0.9951	0.9729	0.9713	0.9865	0.9776	0.9773	0.9929
50.7	0.9963	0.9491	0.9659	0.9859	0.9579	0.9735	0.9923
50.8	0.9968	0.9704	0.9809	0.9897	0.9754	0.9832	0.9929
50.9	0.9921	0.9411	0.9567	0.9880	0.9475	0.9654	0.9829

51.0	0.9923	0.8988	0.8994	0.9766	0.9064	0.9171	0.9725
51.1	0.9916	0.9409	0.9346	0.9824	0.9458	0.9508	0.9795
51.2	0.9919	0.9535	0.9408	0.9797	0.9570	0.9573	0.9873
51.3	0.9951	0.9726	0.9576	0.9872	0.9735	0.9686	0.9929
51.4	0.9916	0.9366	0.8799	0.9793	0.9369	0.9181	0.9867
51.5	0.9889	0.9115	0.9043	0.9694	0.9170	0.9291	0.9765
51.6	0.9887	0.9592	0.9554	0.9761	0.9607	0.9642	0.9807
51.7	0.9929	0.9757	0.9781	0.9857	0.9771	0.9833	0.9914
51.8	0.9947	0.9756	0.9750	0.9862	0.9774	0.9789	0.9926
51.9	0.9928	0.9588	0.9509	0.9747	0.9617	0.9562	0.9862
52.0	0.9938	0.9807	0.9764	0.9842	0.9815	0.9793	0.9941
52.1	0.9950	0.9894	0.9895	0.9867	0.9901	0.9913	0.9944
52.2	0.9902	0.9667	0.9660	0.9772	0.9670	0.9674	0.9866
52.3	0.9898	0.9531	0.9396	0.9787	0.9511	0.9516	0.9886
52.4	0.9925	0.9674	0.9496	0.9748	0.9678	0.9573	0.9893
52.5	0.9932	0.9741	0.9643	0.9804	0.9755	0.9637	0.9869
52.6	0.9920	0.9712	0.9665	0.9839	0.9714	0.9628	0.9878
52.7	0.9890	0.9466	0.9393	0.9728	0.9468	0.9420	0.9833
52.8	0.9911	0.9686	0.9601	0.9712	0.9689	0.9608	0.9890
52.9	0.9941	0.9817	0.9773	0.9756	0.9817	0.9783	0.9922
53.0	0.9931	0.9850	0.9867	0.9787	0.9853	0.9883	0.9936
53.1	0.9925	0.9806	0.9820	0.9781	0.9805	0.9815	0.9908
53.2	0.9926	0.9713	0.9707	0.9787	0.9700	0.9721	0.9916
53.3	0.9900	0.9382	0.9307	0.9560	0.9370	0.9477	0.9923
53.4	0.9928	0.9571	0.9589	0.9570	0.9577	0.9655	0.9928
53.5	0.9895	0.9519	0.9484	0.9600	0.9521	0.9487	0.9898
53.6	0.9765	0.8873	0.8636	0.9345	0.8851	0.8931	0.9767
53.7	0.9825	0.9058	0.9183	0.9540	0.9089	0.9450	0.9847
53.8	0.9853	0.9325	0.9451	0.9465	0.9353	0.9580	0.9773
53.9	0.9950	0.9833	0.9869	0.9726	0.9831	0.9891	0.9919
54.0	0.9951	0.9855	0.9865	0.9713	0.9855	0.9866	0.9922
54.1	0.9843	0.9409	0.9289	0.9276	0.9441	0.9230	0.9816
54.2	0.9723	0.9131	0.9065	0.9085	0.9170	0.9090	0.9725
54.3	0.9872	0.9679	0.9675	0.9399	0.9678	0.9628	0.9845
54.4	0.9927	0.9821	0.9865	0.9565	0.9815	0.9831	0.9906
54.5	0.9904	0.9760	0.9819	0.9329	0.9751	0.9750	0.9914
54.6	0.9773	0.9202	0.9359	0.8352	0.9198	0.9075	0.9857
54.7	0.9706	0.8782	0.9136	0.8811	0.8766	0.9061	0.9839
54.8	0.9739	0.9176	0.9261	0.8934	0.9128	0.9269	0.9843
54.9	0.9917	0.9760	0.9782	0.9481	0.9741	0.9728	0.9926
55.0	0.9964	0.9899	0.9939	0.9713	0.9890	0.9886	0.9958
55.1	0.9949	0.9855	0.9916	0.9519	0.9841	0.9813	0.9938
55.2	0.9937	0.9839	0.9894	0.9439	0.9818	0.9793	0.9920
55.3	0.9925	0.9838	0.9851	0.9331	0.9818	0.9718	0.9912
55.4	0.9931	0.9841	0.9676	0.9344	0.9817	0.9516	0.9925
55.5	0.9849	0.9678	0.9478	0.9053	0.9632	0.9298	0.9879
55.6	0.9924	0.9845	0.9857	0.9535	0.9820	0.9738	0.9933
55.7	0.9958	0.9898	0.9953	0.9597	0.9879	0.9876	0.9956
55.8	0.9954	0.9876	0.9951	0.9511	0.9851	0.9862	0.9960
55.9	0.9898	0.9713	0.9799	0.9179	0.9658	0.9550	0.9917
56.0	0.9615	0.9027	0.8683	0.8628	0.8810	0.8414	0.9813
56.1	0.9743	0.9435	0.9361	0.8914	0.9334	0.9090	0.9871
56.2	0.9895	0.9785	0.9842	0.9513	0.9746	0.9703	0.9931
56.3	0.9933	0.9823	0.9935	0.9647	0.9792	0.9846	0.9934
56.4	0.9947	0.9843	0.9940	0.9687	0.9817	0.9838	0.9940
56.5	0.9945	0.9841	0.9949	0.9651	0.9807	0.9817	0.9936
56.6	0.9932	0.9835	0.9931	0.9633	0.9800	0.9803	0.9922
56.7	0.9909	0.9805	0.9930	0.9638	0.9765	0.9775	0.9913
56.8	0.9923	0.9829	0.9937	0.9696	0.9792	0.9811	0.9924
56.9	0.9934	0.9807	0.9939	0.9723	0.9753	0.9860	0.9950
57.0	0.9916	0.9790	0.9920	0.9760	0.9734	0.9796	0.9947
57.1	0.9801	0.9521	0.9292	0.9568	0.9354	0.9132	0.9942
57.2	0.9779	0.9549	0.9338	0.9485	0.9426	0.9260	0.9923
57.3	0.9927	0.9840	0.9901	0.9768	0.9802	0.9815	0.9958
57.4	0.9913	0.9821	0.9907	0.9746	0.9783	0.9819	0.9943
57.5	0.9930	0.9862	0.9941	0.9730	0.9831	0.9817	0.9943
57.6	0.9922	0.9871	0.9942	0.9799	0.9843	0.9850	0.9944
57.7	0.9916	0.9862	0.9945	0.9841	0.9834	0.9885	0.9949
57.8	0.9907	0.9822	0.9936	0.9807	0.9786	0.9879	0.9940
57.9	0.9922	0.9809	0.9944	0.9663	0.9775	0.9786	0.9910
58.0	0.9921	0.9831	0.9944	0.9748	0.9796	0.9829	0.9933
58.1	0.9934	0.9877	0.9953	0.9830	0.9853	0.9866	0.9950
58.2	0.9917	0.9842	0.9947	0.9824	0.9810	0.9873	0.9946
58.3	0.9897	0.9780	0.9934	0.9764	0.9733	0.9865	0.9931
58.4	0.9897	0.9755	0.9886	0.9746	0.9702	0.9770	0.9930
58.5	0.9914	0.9794	0.9828	0.9747	0.9744	0.9729	0.9941
58.6	0.9906	0.9796	0.9902	0.9735	0.9755	0.9807	0.9923
58.7	0.9898	0.9815	0.9926	0.9790	0.9776	0.9863	0.9923
58.8	0.9920	0.9839	0.9943	0.9800	0.9804	0.9849	0.9930
58.9	0.9920	0.9827	0.9951	0.9751	0.9792	0.9801	0.9928
59.0	0.9903	0.9818	0.9932	0.9737	0.9776	0.9803	0.9925
59.1	0.9890	0.9796	0.9913	0.9709	0.9752	0.9795	0.9921
59.2	0.9945	0.9910	0.9949	0.9857	0.9898	0.9878	0.9953
59.3	0.9923	0.9861	0.9942	0.9792	0.9830	0.9848	0.9928
59.4	0.9939	0.9871	0.9956	0.9798	0.9843	0.9836	0.9942
59.5	0.9930	0.9863	0.9954	0.9797	0.9837	0.9830	0.9941

59.6	0.9917	0.9858	0.9946	0.9749	0.9829	0.9779	0.9928
59.7	0.9917	0.9865	0.9952	0.9641	0.9841	0.9799	0.9937
59.8	0.9944	0.9892	0.9956	0.8252	0.9877	0.9877	0.9951
59.9	0.9944	0.9898	0.9968	0.0033	0.9881	0.9857	0.9920
60.0	0.9935	0.9884	0.9948	0.0136	0.9858	0.9812	0.9778
60.1	0.9930	0.9880	0.9942	0.0161	0.9862	0.9814	0.9868
60.2	0.9927	0.9895	0.9948	0.6136	0.9881	0.9859	0.9936
60.3	0.9934	0.9905	0.9950	0.9756	0.9889	0.9841	0.9941
60.4	0.9932	0.9906	0.9939	0.9840	0.9894	0.9845	0.9942
60.5	0.9933	0.9918	0.9946	0.9872	0.9907	0.9870	0.9944
60.6	0.9944	0.9924	0.9947	0.9896	0.9915	0.9867	0.9953
60.7	0.9941	0.9897	0.9951	0.9875	0.9882	0.9797	0.9947
60.8	0.9918	0.9861	0.9933	0.9824	0.9849	0.9728	0.9926
60.9	0.9957	0.9912	0.9954	0.9897	0.9910	0.9814	0.9961
61.0	0.9949	0.9914	0.9951	0.9879	0.9903	0.9853	0.9958
61.1	0.9943	0.9892	0.9949	0.9860	0.9876	0.9852	0.9952
61.2	0.9942	0.9875	0.9933	0.9857	0.9867	0.9840	0.9951
61.3	0.9950	0.9908	0.9932	0.9895	0.9904	0.9882	0.9946
61.4	0.9938	0.9915	0.9926	0.9887	0.9907	0.9887	0.9943
61.5	0.9937	0.9910	0.9929	0.9882	0.9903	0.9876	0.9954
61.6	0.9946	0.9914	0.9925	0.9906	0.9906	0.9846	0.9959
61.7	0.9952	0.9913	0.9924	0.9893	0.9906	0.9880	0.9956
61.8	0.9964	0.9922	0.9959	0.9918	0.9924	0.9933	0.9972
61.9	0.9948	0.9918	0.9949	0.9902	0.9914	0.9898	0.9969
62.0	0.9918	0.9866	0.9916	0.9847	0.9858	0.9849	0.9935
62.1	0.9952	0.9895	0.9945	0.9910	0.9902	0.9891	0.9949
62.2	0.9951	0.9905	0.9954	0.9898	0.9901	0.9902	0.9958
62.3	0.9952	0.9891	0.9943	0.9904	0.9886	0.9919	0.9960
62.4	0.9952	0.9885	0.9928	0.9914	0.9886	0.9920	0.9952
62.5	0.9951	0.9878	0.9941	0.9920	0.9878	0.9915	0.9955
62.6	0.9939	0.9837	0.9936	0.9880	0.9830	0.9912	0.9950
62.7	0.9939	0.9858	0.9933	0.9886	0.9855	0.9916	0.9958
62.8	0.9951	0.9902	0.9949	0.9909	0.9903	0.9930	0.9965
62.9	0.9924	0.9869	0.9942	0.9887	0.9863	0.9930	0.9955
63.0	0.9928	0.9841	0.9930	0.9878	0.9835	0.9932	0.9960
63.1	0.9930	0.9847	0.9938	0.9872	0.9835	0.9933	0.9955
63.2	0.9935	0.9843	0.9934	0.9869	0.9838	0.9921	0.9950
63.3	0.9914	0.9782	0.9903	0.9842	0.9770	0.9920	0.9935
63.4	0.9912	0.9675	0.9914	0.9851	0.9662	0.9911	0.9951
63.5	0.9928	0.9666	0.9890	0.9873	0.9666	0.9873	0.9951
63.6	0.9915	0.9729	0.9878	0.9861	0.9717	0.9872	0.9939
63.7	0.9918	0.9678	0.9915	0.9879	0.9670	0.9896	0.9952
63.8	0.9919	0.9653	0.9932	0.9866	0.9644	0.9908	0.9954
63.9	0.9921	0.9523	0.9901	0.9833	0.9527	0.9902	0.9950
64.0	0.9929	0.9520	0.9898	0.9874	0.9594	0.9904	0.9954
64.1	0.9885	0.9437	0.9888	0.9821	0.9476	0.9884	0.9942
64.2	0.9869	0.9463	0.9855	0.9813	0.9403	0.9876	0.9940
64.3	0.9899	0.9467	0.9859	0.9830	0.9436	0.9851	0.9948
64.4	0.9879	0.9222	0.9819	0.9794	0.9198	0.9798	0.9938
64.5	0.9837	0.9326	0.9825	0.9782	0.9266	0.9821	0.9940
64.6	0.9870	0.9137	0.9905	0.9814	0.9100	0.9870	0.9952
64.7	0.9887	0.9205	0.9909	0.9855	0.9163	0.9903	0.9960
64.8	0.9882	0.9186	0.9844	0.9834	0.9088	0.9869	0.9948
64.9	0.9833	0.8852	0.9809	0.9796	0.8724	0.9846	0.9922
65.0	0.9797	0.8588	0.9828	0.9685	0.8403	0.9890	0.9914
65.1	0.9771	0.8846	0.9786	0.9671	0.8510	0.9848	0.9900
65.2	0.9775	0.8702	0.9774	0.9724	0.8383	0.9874	0.9904
65.3	0.9720	0.8497	0.9795	0.9652	0.8055	0.9886	0.9910
65.4	0.9671	0.8197	0.9818	0.9667	0.7567	0.9865	0.9889
65.5	0.9608	0.7750	0.9795	0.9616	0.6876	0.9851	0.9875
65.6	0.9761	0.7554	0.9815	0.9703	0.6682	0.9876	0.9904
65.7	0.9682	0.7426	0.9803	0.9727	0.6302	0.9864	0.9897
65.8	0.9591	0.7191	0.9787	0.9673	0.6174	0.9855	0.9869
65.9	0.9543	0.7337	0.9732	0.9551	0.6484	0.9840	0.9823
66.0	0.9544	0.7103	0.9665	0.9403	0.6195	0.9795	0.9782
66.1	0.9503	0.6853	0.9754	0.9465	0.5926	0.9866	0.9828
66.2	0.9403	0.7774	0.9730	0.9504	0.7100	0.9848	0.9855
66.3	0.9548	0.7683	0.9773	0.9463	0.7128	0.9860	0.9824
66.4	0.9558	0.7570	0.9763	0.9494	0.7167	0.9861	0.9807
66.5	0.9444	0.8276	0.9665	0.9386	0.8029	0.9808	0.9783
66.6	0.9421	0.8748	0.9585	0.9224	0.8519	0.9803	0.9770
66.7	0.9302	0.7694	0.9690	0.9185	0.7348	0.9818	0.9742
66.8	0.9037	0.7200	0.9663	0.8882	0.6882	0.9796	0.9712
66.9	0.9159	0.7859	0.9633	0.8680	0.7715	0.9840	0.9689
67.0	0.9182	0.8455	0.9666	0.8572	0.8395	0.9856	0.9667
67.1	0.8908	0.7839	0.9414	0.8134	0.7843	0.9732	0.9604
67.2	0.9098	0.8193	0.9409	0.7598	0.8261	0.9745	0.9685
67.3	0.9169	0.8454	0.9494	0.8011	0.8543	0.9765	0.9650
67.4	0.8964	0.8210	0.9192	0.6643	0.8397	0.9725	0.9423
67.5	0.9143	0.8677	0.9139	0.5711	0.8890	0.9749	0.9467
67.6	0.8879	0.8611	0.9240	0.4994	0.8752	0.9741	0.9475
67.7	0.9329	0.8656	0.9288	0.4332	0.8793	0.9773	0.9542
67.8	0.9365	0.8791	0.9301	0.4102	0.8962	0.9760	0.9615
67.9	0.9265	0.8241	0.9137	0.2947	0.8514	0.9738	0.9562
68.0	0.9294	0.8022	0.9177	0.3115	0.8321	0.9784	0.9505
68.1	0.9224	0.8322	0.9148	0.2168	0.8552	0.9793	0.9515

68.2	0.9249	0.8575	0.8809	0.2094	0.8754	0.9639	0.9458
68.3	0.9421	0.8623	0.8851	0.2635	0.8774	0.9727	0.9478
68.4	0.9408	0.8997	0.8701	0.3058	0.9106	0.9752	0.9447
68.5	0.9402	0.9138	0.8318	0.3193	0.9205	0.9707	0.9476
68.6	0.9443	0.9163	0.8152	0.4442	0.9239	0.9645	0.9536
68.7	0.9490	0.9269	0.8415	0.4762	0.9310	0.9629	0.9568
68.8	0.9462	0.9142	0.8540	0.4024	0.9199	0.9621	0.9524
68.9	0.9521	0.9025	0.8091	0.5396	0.9052	0.9512	0.9543
69.0	0.9539	0.9173	0.8083	0.4122	0.9209	0.9645	0.9577
69.1	0.9544	0.9247	0.8213	0.4195	0.9280	0.9679	0.9621
69.2	0.9581	0.9180	0.8265	0.3784	0.9227	0.9700	0.9559
69.3	0.9563	0.9331	0.7843	0.4538	0.9380	0.9597	0.9564
69.4	0.9667	0.9442	0.7874	0.4636	0.9491	0.9591	0.9596
69.5	0.9657	0.9518	0.7824	0.5474	0.9561	0.9433	0.9703
69.6	0.9637	0.9516	0.8161	0.6025	0.9549	0.9458	0.9685
69.7	0.9617	0.9476	0.8614	0.5705	0.9508	0.9531	0.9641
69.8	0.9617	0.9305	0.8558	0.4774	0.9361	0.9557	0.9567
69.9	0.9716	0.9521	0.8450	0.6521	0.9542	0.9473	0.9671
70.0	0.9698	0.9524	0.8816	0.6564	0.9532	0.9579	0.9638
70.1	0.9607	0.9400	0.8621	0.6736	0.9397	0.9412	0.9620
70.2	0.9643	0.9442	0.8614	0.7152	0.9450	0.9295	0.9607
70.3	0.9690	0.9521	0.8638	0.7793	0.9543	0.9278	0.9638
70.4	0.9764	0.9625	0.8952	0.8489	0.9643	0.9468	0.9708
70.5	0.9753	0.9552	0.9011	0.8284	0.9565	0.9434	0.9529
70.6	0.9602	0.9415	0.9253	0.8645	0.9408	0.9420	0.9454
70.7	0.9675	0.9681	0.9418	0.9282	0.9683	0.9451	0.9639
70.8	0.9555	0.9477	0.9191	0.8770	0.9462	0.9204	0.9547
70.9	0.9556	0.9360	0.9156	0.8666	0.9330	0.9227	0.9490
71.0	0.9628	0.9471	0.9182	0.8812	0.9455	0.9315	0.9530
71.1	0.9658	0.9574	0.9231	0.8952	0.9539	0.9284	0.9555
71.2	0.9679	0.9542	0.9542	0.8840	0.9532	0.9576	0.9449
71.3	0.9510	0.9310	0.9563	0.8485	0.9255	0.9598	0.9354
71.4	0.9581	0.9385	0.9412	0.8731	0.9338	0.9407	0.9518
71.5	0.9646	0.9376	0.9371	0.8750	0.9342	0.9344	0.9545
71.6	0.9471	0.9311	0.9434	0.8697	0.9249	0.9290	0.9478
71.7	0.9501	0.9358	0.9614	0.8736	0.9256	0.9515	0.9499
71.8	0.9528	0.9289	0.9624	0.8633	0.9196	0.9534	0.9506
71.9	0.9512	0.9339	0.9697	0.8794	0.9260	0.9594	0.9543
72.0	0.9593	0.9429	0.9572	0.8782	0.9356	0.9403	0.9552
72.1	0.9700	0.9475	0.9449	0.8831	0.9407	0.9235	0.9589
72.2	0.9685	0.9473	0.9529	0.8961	0.9403	0.9412	0.9604
72.3	0.9616	0.9414	0.9632	0.8868	0.9325	0.9505	0.9600
72.4	0.9511	0.9296	0.9662	0.8698	0.9166	0.9432	0.9522
72.5	0.9545	0.9265	0.9615	0.8653	0.9147	0.9381	0.9538
72.6	0.9621	0.9387	0.9634	0.8841	0.9286	0.9501	0.9608
72.7	0.9649	0.9417	0.9635	0.8922	0.9330	0.9505	0.9626
72.8	0.9555	0.9277	0.9695	0.8661	0.9142	0.9496	0.9526
72.9	0.9635	0.9370	0.9676	0.8713	0.9264	0.9491	0.9522
73.0	0.9653	0.9485	0.9644	0.8922	0.9404	0.9481	0.9589
73.1	0.9518	0.9300	0.9543	0.8586	0.9151	0.9341	0.9438
73.2	0.9598	0.9417	0.9574	0.8706	0.9288	0.9339	0.9530
73.3	0.9657	0.9486	0.9633	0.8902	0.9384	0.9504	0.9608
73.4	0.9662	0.9486	0.9638	0.8900	0.9366	0.9527	0.9599
73.5	0.9658	0.9411	0.9528	0.8773	0.9280	0.9309	0.9578
73.6	0.9657	0.9479	0.9594	0.8975	0.9403	0.9443	0.9628
73.7	0.9664	0.9438	0.9549	0.8937	0.9329	0.9431	0.9630
73.8	0.9607	0.9270	0.9154	0.8354	0.9016	0.8941	0.9491
73.9	0.9520	0.9121	0.9150	0.7938	0.8805	0.8950	0.9388
74.0	0.9555	0.9225	0.9329	0.8273	0.8946	0.9128	0.9480
74.1	0.9607	0.9332	0.9235	0.8578	0.9115	0.9086	0.9547
74.2	0.9667	0.9370	0.8860	0.8447	0.9121	0.8488	0.9469
74.3	0.9638	0.9299	0.8930	0.7933	0.9020	0.8641	0.9401
74.4	0.9597	0.9263	0.9024	0.7880	0.8977	0.8849	0.9362
74.5	0.9617	0.9303	0.8656	0.8049	0.8977	0.8467	0.9442
74.6	0.9554	0.9105	0.8472	0.7477	0.8655	0.8174	0.9479
74.7	0.9605	0.9201	0.8638	0.7725	0.8778	0.8305	0.9534
74.8	0.9724	0.9414	0.9125	0.8219	0.9215	0.8924	0.9531
74.9	0.9675	0.9421	0.8654	0.8045	0.9141	0.8531	0.9488
75.0	0.9606	0.9294	0.8242	0.7894	0.8886	0.8062	0.9533
75.1	0.9617	0.9204	0.8397	0.7725	0.8813	0.8222	0.9542
75.2	0.9547	0.9099	0.8049	0.7449	0.8611	0.8005	0.9481
75.3	0.9594	0.9277	0.8365	0.7871	0.8821	0.8395	0.9546
75.4	0.9546	0.9146	0.8242	0.7467	0.8642	0.8187	0.9338
75.5	0.9402	0.8801	0.8097	0.6770	0.8276	0.8104	0.9269
75.6	0.9311	0.8798	0.7491	0.6959	0.8272	0.7635	0.9369
75.7	0.9326	0.9017	0.8069	0.7173	0.8478	0.8279	0.9465
75.8	0.9393	0.9177	0.8691	0.7661	0.8766	0.8868	0.9551
75.9	0.9295	0.8923	0.8682	0.7383	0.8497	0.8839	0.9465
76.0	0.9279	0.8974	0.8522	0.7680	0.8543	0.8693	0.9441
76.1	0.8813	0.8555	0.8209	0.7181	0.8074	0.8320	0.9322
76.2	0.8700	0.8374	0.8275	0.6434	0.7747	0.8421	0.9393
76.3	0.8838	0.8636	0.8558	0.6719	0.8073	0.8722	0.9379
76.4	0.8935	0.8788	0.8958	0.7382	0.8467	0.9100	0.9531
76.5	0.8526	0.8406	0.9051	0.6894	0.8182	0.9159	0.9492
76.6	0.7257	0.7447	0.8507	0.5448	0.6833	0.8674	0.9244
76.7	0.6542	0.7440	0.8690	0.5322	0.6408	0.8868	0.9138

76.8	0.7177	0.7650	0.8934	0.6199	0.7437	0.9042	0.9046
76.9	0.7214	0.7776	0.9121	0.6487	0.7664	0.9234	0.9404
77.0	0.6733	0.7668	0.9402	0.6330	0.7661	0.9524	0.9440
77.1	0.4289	0.6620	0.9040	0.5577	0.6488	0.9190	0.9456
77.2	0.1557	0.6818	0.9000	0.5440	0.5484	0.9209	0.9535
77.3	0.0937	0.6954	0.9132	0.5133	0.4638	0.9344	0.9418
77.4	0.0859	0.7391	0.9401	0.5995	0.4951	0.9566	0.9541
77.5	0.0834	0.7436	0.9163	0.5725	0.4038	0.9322	0.9492
77.6	0.1893	0.7487	0.9364	0.6128	0.4181	0.9489	0.9526
77.7	0.3844	0.7014	0.9387	0.4662	0.2404	0.9541	0.9385
77.8	0.7280	0.8487	0.9527	0.5927	0.2027	0.9648	0.9663
77.9	0.7367	0.8579	0.9548	0.6007	0.2386	0.9661	0.9634
78.0	0.7376	0.8531	0.9476	0.6432	0.1853	0.9597	0.9666
78.1	0.8161	0.8822	0.9539	0.6904	0.1658	0.9650	0.9719
78.2	0.8175	0.8644	0.9441	0.6768	0.1564	0.9630	0.9602
78.3	0.8784	0.9039	0.9457	0.7172	0.2775	0.9620	0.9739
78.4	0.9261	0.9401	0.9630	0.8136	0.4867	0.9729	0.9827
78.5	0.8922	0.9063	0.9488	0.7503	0.3601	0.9615	0.9684
78.6	0.8973	0.9101	0.9542	0.7546	0.4001	0.9686	0.9680
78.7	0.9261	0.9174	0.9657	0.7593	0.5337	0.9764	0.9685
78.8	0.9134	0.8987	0.9465	0.7320	0.5286	0.9660	0.9596
78.9	0.9243	0.9199	0.9495	0.8250	0.5282	0.9705	0.9757
79.0	0.8990	0.8903	0.9486	0.7785	0.2905	0.9661	0.9686
79.1	0.9091	0.8945	0.9412	0.7175	0.3963	0.9606	0.9564
79.2	0.9291	0.9117	0.9444	0.7166	0.6021	0.9619	0.9559
79.3	0.9265	0.9081	0.9446	0.6908	0.6360	0.9643	0.9626
79.4	0.9438	0.9209	0.9571	0.7254	0.7203	0.9727	0.9696
79.5	0.9524	0.9381	0.9636	0.7623	0.7922	0.9739	0.9742
79.6	0.9485	0.9273	0.9598	0.6963	0.7783	0.9713	0.9707
79.7	0.9567	0.9360	0.9701	0.7310	0.8312	0.9775	0.9702
79.8	0.9659	0.9553	0.9623	0.7602	0.8486	0.9743	0.9773
79.9	0.9631	0.9513	0.9683	0.7876	0.8606	0.9762	0.9757
80.0	0.9676	0.9582	0.9725	0.7933	0.8847	0.9820	0.9811

2.2.49 Run 5 – VTC – Accels 1–8

Vertical shaking on center. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.6794	0.4641	0.6533	0.6566	0.1864	0.5873	0.5449	0.4219
0.1	0.1296	0.0574	0.1172	0.1051	0.0075	0.0413	0.0323	0.0493
0.2	0.0066	0.0245	0.0017	0.0239	0.0245	0.0274	0.0114	0.0049
0.3	0.0023	0.0068	0.0037	0.0146	0.0634	0.0305	0.0082	0.0220
0.4	0.0095	0.0102	0.0245	0.0131	0.0550	0.0126	0.0087	0.0491
0.5	0.0343	0.0075	0.0465	0.0232	0.0018	0.0165	0.0441	0.0583
0.6	0.0348	0.0187	0.0461	0.0081	0.0058	0.0548	0.0108	0.0676
0.7	0.0906	0.0355	0.0245	0.0361	0.0059	0.0417	0.0145	0.0005
0.8	0.0156	0.0091	0.0047	0.0291	0.0010	0.0265	0.0163	0.0008
0.9	0.0049	0.2308	0.0001	0.1248	0.0926	0.0758	0.0128	0.0115
1.0	0.0617	0.3109	0.0186	0.0746	0.1479	0.1102	0.0695	0.0417
1.1	0.1296	0.1824	0.0420	0.1891	0.0250	0.0872	0.1933	0.0905
1.2	0.1159	0.3090	0.0574	0.3396	0.0244	0.0402	0.3205	0.0209
1.3	0.1301	0.3047	0.0669	0.3151	0.0909	0.0012	0.3434	0.0163
1.4	0.2213	0.3723	0.0539	0.4341	0.1042	0.0091	0.4030	0.0074
1.5	0.2897	0.6057	0.0738	0.6028	0.2354	0.0687	0.5568	0.0010
1.6	0.2235	0.6935	0.0482	0.6504	0.3097	0.2405	0.6546	0.0821
1.7	0.2796	0.7775	0.0051	0.5528	0.3352	0.3597	0.6151	0.2646
1.8	0.1888	0.7375	0.0331	0.4847	0.4863	0.2997	0.6051	0.3294
1.9	0.1853	0.6852	0.0096	0.5137	0.5004	0.4294	0.6438	0.5519
2.0	0.3055	0.8713	0.0659	0.6599	0.7976	0.6502	0.8220	0.8152
2.1	0.4223	0.7962	0.0743	0.7366	0.7948	0.5214	0.8817	0.7992
2.2	0.5726	0.7008	0.0910	0.7798	0.6295	0.3353	0.8987	0.6609
2.3	0.6273	0.6248	0.2406	0.8529	0.5510	0.1443	0.9029	0.5649
2.4	0.5702	0.4180	0.1849	0.8120	0.4313	0.4086	0.8642	0.4337
2.5	0.5274	0.6441	0.0066	0.7913	0.6964	0.6716	0.8942	0.7035
2.6	0.4886	0.7205	0.0117	0.8356	0.8371	0.5621	0.9187	0.8138
2.7	0.5554	0.6069	0.0297	0.8191	0.8139	0.3690	0.9344	0.7938
2.8	0.6216	0.5922	0.0886	0.8964	0.7331	0.2542	0.9494	0.7454
2.9	0.6734	0.5703	0.0970	0.9286	0.7809	0.2795	0.9678	0.8126
3.0	0.6963	0.4395	0.0378	0.9102	0.6906	0.2424	0.9706	0.7613
3.1	0.7045	0.2933	0.0099	0.9056	0.5137	0.1665	0.9695	0.5423
3.2	0.5611	0.3160	0.0124	0.8007	0.3706	0.0846	0.9301	0.4718
3.3	0.5199	0.3702	0.0089	0.8716	0.6075	0.1731	0.9378	0.6827
3.4	0.6117	0.1670	0.0209	0.8610	0.5974	0.1452	0.9473	0.6291
3.5	0.3642	0.0250	0.0214	0.7525	0.2808	0.0954	0.9095	0.4836
3.6	0.3304	0.0665	0.0006	0.6174	0.0545	0.0856	0.8278	0.3060
3.7	0.6089	0.4384	0.0162	0.7874	0.0218	0.1748	0.9294	0.2428
3.8	0.9121	0.8077	0.0163	0.9677	0.4370	0.4206	0.9897	0.7776
3.9	0.9738	0.8031	0.0162	0.9920	0.7897	0.4407	0.9958	0.9306
4.0	0.9873	0.6263	0.0827	0.9948	0.8493	0.6633	0.9976	0.9600
4.1	0.9838	0.5026	0.1223	0.9953	0.8701	0.7799	0.9977	0.9673
4.2	0.9587	0.3994	0.0509	0.9918	0.7243	0.7190	0.9966	0.9481
4.3	0.9487	0.2112	0.0390	0.9914	0.6309	0.6439	0.9955	0.9501
4.4	0.9456	0.0257	0.0161	0.9924	0.5894	0.6791	0.9966	0.9510
4.5	0.9447	0.1947	0.0029	0.9886	0.4131	0.5841	0.9946	0.9154
4.6	0.9396	0.3686	0.0215	0.9882	0.4415	0.6388	0.9958	0.9181
4.7	0.9208	0.5179	0.0311	0.9865	0.3060	0.7226	0.9934	0.9013
4.8	0.9038	0.4862	0.0162	0.9762	0.3389	0.5533	0.9921	0.8453
4.9	0.8922	0.3006	0.0447	0.9765	0.3706	0.4054	0.9926	0.8724
5.0	0.9329	0.1654	0.0083	0.9834	0.5586	0.3765	0.9909	0.9197
5.1	0.9513	0.3005	0.0138	0.9918	0.5728	0.4242	0.9940	0.9517
5.2	0.9371	0.4697	0.0007	0.9888	0.6358	0.3084	0.9931	0.9479
5.3	0.9182	0.7487	0.0237	0.9861	0.6491	0.2080	0.9956	0.9291
5.4	0.8254	0.6795	0.0185	0.9670	0.2717	0.0543	0.9835	0.8048
5.5	0.8313	0.8011	0.0355	0.9667	0.1868	0.0941	0.9801	0.6402
5.6	0.8674	0.8017	0.0434	0.9772	0.3317	0.2607	0.9900	0.6044
5.7	0.9382	0.8750	0.0312	0.9885	0.4920	0.4030	0.9917	0.8438
5.8	0.9638	0.9396	0.0665	0.9934	0.7517	0.4244	0.9955	0.9353
5.9	0.9869	0.9495	0.2465	0.9971	0.8299	0.6117	0.9975	0.9683
6.0	0.9929	0.9112	0.5308	0.9962	0.8758	0.7248	0.9955	0.9892
6.1	0.9923	0.9298	0.6867	0.9935	0.8862	0.8265	0.9932	0.9858
6.2	0.9957	0.9810	0.8312	0.9970	0.9392	0.9048	0.9964	0.9921
6.3	0.9969	0.9756	0.8748	0.9946	0.9546	0.9045	0.9935	0.9878
6.4	0.9958	0.9838	0.9090	0.9957	0.9600	0.9307	0.9946	0.9897
6.5	0.9951	0.9716	0.9018	0.9925	0.9294	0.9275	0.9911	0.9850
6.6	0.9966	0.9736	0.9248	0.9918	0.9199	0.8737	0.9905	0.9845
6.7	0.9944	0.9698	0.9396	0.9872	0.9245	0.7795	0.9857	0.9781
6.8	0.9907	0.9638	0.9382	0.9829	0.9209	0.6453	0.9803	0.9738
6.9	0.9792	0.9182	0.9035	0.9554	0.8632	0.6334	0.9503	0.9388
7.0	0.9745	0.9297	0.9202	0.9520	0.8998	0.8510	0.9481	0.9404
7.1	0.9468	0.8996	0.8981	0.9179	0.8600	0.7546	0.9141	0.9064
7.2	0.9201	0.8990	0.9017	0.9016	0.8376	0.4333	0.9010	0.8994
7.3	0.9358	0.9494	0.9488	0.9469	0.8927	0.0509	0.9479	0.9527
7.4	0.8877	0.9451	0.9436	0.9338	0.9312	0.4782	0.9364	0.9424
7.5	0.7930	0.9654	0.9594	0.9429	0.9419	0.8485	0.9489	0.9590
7.6	0.8464	0.9876	0.9815	0.9728	0.9387	0.9184	0.9774	0.9848
7.7	0.8929	0.9926	0.9811	0.9748	0.9153	0.8957	0.9812	0.9887
7.8	0.9731	0.9977	0.9872	0.9881	0.9311	0.9070	0.9931	0.9954
7.9	0.9907	0.9972	0.9901	0.9959	0.9523	0.9399	0.9972	0.9948

8.0	0.9868	0.9970	0.9888	0.9895	0.9467	0.8701	0.9930	0.9938
8.1	0.9879	0.9983	0.9895	0.9928	0.9357	0.8695	0.9964	0.9960
8.2	0.9895	0.9969	0.9861	0.9908	0.9143	0.9274	0.9958	0.9947
8.3	0.9906	0.9983	0.9893	0.9892	0.9392	0.9400	0.9966	0.9973
8.4	0.9901	0.9985	0.9899	0.9892	0.9342	0.9486	0.9973	0.9978
8.5	0.9925	0.9978	0.9852	0.9785	0.9309	0.9328	0.9969	0.9980
8.6	0.9934	0.9979	0.9859	0.9707	0.9346	0.9170	0.9971	0.9970
8.7	0.9893	0.9945	0.9832	0.9432	0.9286	0.9137	0.9966	0.9951
8.8	0.9930	0.9952	0.9880	0.9648	0.9376	0.9403	0.9974	0.9934
8.9	0.9949	0.9940	0.9880	0.9664	0.9413	0.9323	0.9969	0.9930
9.0	0.9939	0.9857	0.9714	0.9647	0.9426	0.9066	0.9962	0.9793
9.1	0.9929	0.9884	0.9786	0.9722	0.9474	0.8824	0.9917	0.9847
9.2	0.9933	0.9737	0.9692	0.9495	0.9446	0.9286	0.9894	0.9704
9.3	0.9933	0.9621	0.9534	0.9543	0.9487	0.9244	0.9921	0.9573
9.4	0.9892	0.9444	0.9384	0.9531	0.9453	0.8919	0.9917	0.9397
9.5	0.9882	0.9585	0.9555	0.9739	0.9462	0.8844	0.9958	0.9564
9.6	0.9876	0.9633	0.9595	0.9822	0.9464	0.8051	0.9969	0.9625
9.7	0.9877	0.9500	0.9545	0.9804	0.9188	0.6285	0.9967	0.9553
9.8	0.9901	0.9745	0.9676	0.9918	0.9352	0.5317	0.9983	0.9801
9.9	0.9927	0.9774	0.9612	0.9927	0.9316	0.4158	0.9983	0.9829
10.0	0.9928	0.9753	0.9500	0.9951	0.9148	0.3730	0.9986	0.9834
10.1	0.9930	0.9637	0.9365	0.9940	0.9054	0.3850	0.9980	0.9791
10.2	0.9924	0.9723	0.9124	0.9951	0.8637	0.4298	0.9983	0.9870
10.3	0.9941	0.9770	0.9083	0.9960	0.8743	0.4051	0.9986	0.9899
10.4	0.9964	0.9864	0.9260	0.9988	0.9237	0.4499	0.9994	0.9945
10.5	0.9968	0.9909	0.9174	0.9987	0.9363	0.3794	0.9994	0.9945
10.6	0.9952	0.9858	0.8571	0.9970	0.9123	0.4663	0.9989	0.9883
10.7	0.9955	0.9692	0.8365	0.9967	0.9272	0.5833	0.9989	0.9913
10.8	0.9949	0.9715	0.8253	0.9967	0.9505	0.5480	0.9989	0.9897
10.9	0.9959	0.9726	0.7787	0.9958	0.9332	0.5408	0.9989	0.9888
11.0	0.9963	0.9770	0.7296	0.9959	0.9198	0.5570	0.9990	0.9875
11.1	0.9960	0.9788	0.6600	0.9959	0.9110	0.6236	0.9989	0.9850
11.2	0.9964	0.9868	0.5887	0.9958	0.9252	0.7385	0.9990	0.9817
11.3	0.9961	0.9909	0.4989	0.9959	0.9166	0.7865	0.9991	0.9837
11.4	0.9968	0.9913	0.3369	0.9934	0.8973	0.7512	0.9988	0.9781
11.5	0.9970	0.9881	0.2338	0.9925	0.8836	0.7842	0.9991	0.9749
11.6	0.9961	0.9883	0.2094	0.9878	0.8579	0.7286	0.9988	0.9596
11.7	0.9975	0.9923	0.1896	0.9875	0.8909	0.7585	0.9988	0.9591
11.8	0.9972	0.9934	0.3032	0.9878	0.8935	0.7727	0.9986	0.9523
11.9	0.9976	0.9954	0.4458	0.9834	0.9141	0.7748	0.9983	0.9451
12.0	0.9977	0.9949	0.3979	0.9777	0.8970	0.7813	0.9984	0.9319
12.1	0.9978	0.9952	0.2725	0.9735	0.8740	0.6674	0.9979	0.9120
12.2	0.9976	0.9958	0.2964	0.9687	0.8414	0.7176	0.9978	0.9006
12.3	0.9970	0.9938	0.3848	0.9692	0.8337	0.7463	0.9974	0.9111
12.4	0.9972	0.9946	0.4386	0.9811	0.8764	0.7797	0.9973	0.9448
12.5	0.9976	0.9967	0.5192	0.9871	0.9383	0.8027	0.9978	0.9581
12.6	0.9982	0.9963	0.5280	0.9883	0.8978	0.7415	0.9983	0.9524
12.7	0.9977	0.9960	0.4041	0.9805	0.8902	0.7005	0.9982	0.9360
12.8	0.9972	0.9972	0.3130	0.9825	0.9117	0.6456	0.9982	0.9360
12.9	0.9980	0.9971	0.3047	0.9890	0.9214	0.7247	0.9980	0.9351
13.0	0.9984	0.9962	0.1899	0.9890	0.9204	0.7023	0.9980	0.9456
13.1	0.9975	0.9973	0.0426	0.9834	0.9327	0.6065	0.9975	0.9454
13.2	0.9977	0.9966	0.0651	0.9836	0.9146	0.6444	0.9965	0.9530
13.3	0.9976	0.9941	0.1437	0.9673	0.9004	0.6775	0.9954	0.9229
13.4	0.9979	0.9952	0.2248	0.9745	0.9012	0.7253	0.9948	0.9350
13.5	0.9982	0.9960	0.2631	0.9773	0.8957	0.8339	0.9940	0.9480
13.6	0.9988	0.9965	0.3831	0.9808	0.9242	0.9049	0.9936	0.9590
13.7	0.9987	0.9967	0.3518	0.9787	0.9267	0.9152	0.9916	0.9509
13.8	0.9980	0.9959	0.3182	0.9806	0.9381	0.8942	0.9932	0.9461
13.9	0.9978	0.9946	0.3720	0.9789	0.9121	0.8906	0.9941	0.9555
14.0	0.9987	0.9953	0.2382	0.9818	0.9302	0.9009	0.9950	0.9631
14.1	0.9985	0.9960	0.2956	0.9805	0.9333	0.8998	0.9953	0.9541
14.2	0.9981	0.9952	0.4173	0.9815	0.8919	0.8581	0.9951	0.9488
14.3	0.9983	0.9951	0.6063	0.9821	0.8469	0.8089	0.9947	0.9381
14.4	0.9990	0.9957	0.7812	0.9818	0.8670	0.7540	0.9959	0.9365
14.5	0.9984	0.9909	0.7941	0.9696	0.8125	0.6958	0.9946	0.9243
14.6	0.9988	0.9942	0.8882	0.9844	0.8454	0.8279	0.9955	0.9542
14.7	0.9992	0.9941	0.9362	0.9871	0.8687	0.8118	0.9963	0.9483
14.8	0.9990	0.9893	0.9315	0.9869	0.9071	0.7766	0.9952	0.9488
14.9	0.9993	0.9889	0.9566	0.9916	0.9195	0.7824	0.9961	0.9539
15.0	0.9987	0.9853	0.9462	0.9872	0.8755	0.7225	0.9963	0.9451
15.1	0.9983	0.9719	0.9356	0.9795	0.8625	0.6701	0.9953	0.9315
15.2	0.9983	0.9651	0.9283	0.9659	0.9152	0.7139	0.9934	0.9027
15.3	0.9988	0.9685	0.9317	0.9665	0.9495	0.8122	0.9948	0.9118
15.4	0.9991	0.9800	0.9410	0.9712	0.9631	0.8370	0.9959	0.9385
15.5	0.9987	0.9783	0.9288	0.9649	0.9611	0.8285	0.9954	0.9363
15.6	0.9976	0.9583	0.8311	0.9535	0.9489	0.7648	0.9934	0.9274
15.7	0.9986	0.9673	0.7771	0.9699	0.9597	0.8007	0.9925	0.9573
15.8	0.9992	0.9763	0.8714	0.9692	0.9687	0.8479	0.9897	0.9683
15.9	0.9991	0.9854	0.9189	0.9827	0.9764	0.8631	0.9909	0.9770
16.0	0.9987	0.9737	0.9004	0.9768	0.9627	0.7837	0.9864	0.9709
16.1	0.9986	0.9811	0.9460	0.9894	0.9728	0.8318	0.9887	0.9844
16.2	0.9990	0.9886	0.9668	0.9914	0.9772	0.9024	0.9905	0.9856
16.3	0.9994	0.9944	0.9806	0.9936	0.9836	0.9415	0.9909	0.9877
16.4	0.9991	0.9944	0.9841	0.9934	0.9880	0.9288	0.9857	0.9915
16.5	0.9989	0.9805	0.9737	0.9826	0.9835	0.8491	0.9719	0.9808

16.6	0.9989	0.9795	0.9800	0.9859	0.9829	0.8364	0.9849	0.9786
16.7	0.9991	0.9864	0.9791	0.9892	0.9780	0.8315	0.9864	0.9839
16.8	0.9989	0.9898	0.9725	0.9920	0.9690	0.8411	0.9778	0.9830
16.9	0.9988	0.9762	0.9574	0.9882	0.9473	0.7591	0.9671	0.9673
17.0	0.9992	0.9725	0.9558	0.9819	0.9515	0.7719	0.9645	0.9599
17.1	0.9985	0.9655	0.9493	0.9588	0.9554	0.7775	0.9488	0.9523
17.2	0.9987	0.9880	0.9843	0.9744	0.9728	0.7190	0.9250	0.9775
17.3	0.9993	0.9897	0.9799	0.9834	0.9728	0.5744	0.9388	0.9801
17.4	0.9994	0.9911	0.9815	0.9736	0.9807	0.5122	0.9416	0.9791
17.5	0.9993	0.9925	0.9887	0.9740	0.9796	0.3970	0.9528	0.9761
17.6	0.9994	0.9947	0.9913	0.9766	0.9838	0.4856	0.9658	0.9807
17.7	0.9994	0.9951	0.9914	0.9790	0.9820	0.4944	0.9664	0.9725
17.8	0.9991	0.9945	0.9916	0.9820	0.9776	0.3864	0.9651	0.9635
17.9	0.9991	0.9966	0.9931	0.9864	0.9789	0.3513	0.9717	0.9555
18.0	0.9992	0.9953	0.9917	0.9900	0.9747	0.4480	0.9732	0.9519
18.1	0.9993	0.9957	0.9907	0.9915	0.9782	0.5508	0.9806	0.9580
18.2	0.9994	0.9963	0.9893	0.9933	0.9774	0.7209	0.9877	0.9713
18.3	0.9993	0.9963	0.9921	0.9941	0.9768	0.7579	0.9876	0.9759
18.4	0.9994	0.9957	0.9883	0.9914	0.9675	0.7084	0.9836	0.9623
18.5	0.9993	0.9949	0.9891	0.9799	0.9528	0.4768	0.9451	0.9141
18.6	0.9993	0.9936	0.9866	0.9800	0.9577	0.0466	0.9512	0.8906
18.7	0.9994	0.9915	0.9844	0.9892	0.9593	0.2136	0.9750	0.9347
18.8	0.9993	0.9938	0.9800	0.9948	0.9776	0.5983	0.9885	0.9591
18.9	0.9994	0.9916	0.9788	0.9958	0.9712	0.6761	0.9920	0.9664
19.0	0.9995	0.9952	0.9813	0.9974	0.9808	0.7701	0.9928	0.9772
19.1	0.9995	0.9937	0.9816	0.9966	0.9763	0.7872	0.9917	0.9711
19.2	0.9995	0.9942	0.9841	0.9965	0.9735	0.8003	0.9934	0.9724
19.3	0.9992	0.9910	0.9745	0.9944	0.9580	0.7531	0.9934	0.9516
19.4	0.9991	0.9892	0.9771	0.9948	0.9496	0.8083	0.9935	0.9612
19.5	0.9993	0.9938	0.9879	0.9971	0.9669	0.9003	0.9961	0.9694
19.6	0.9993	0.9958	0.9891	0.9976	0.9740	0.9082	0.9961	0.9741
19.7	0.9991	0.9957	0.9860	0.9969	0.9731	0.9092	0.9965	0.9765
19.8	0.9993	0.9967	0.9842	0.9959	0.9771	0.9025	0.9976	0.9806
19.9	0.9993	0.9949	0.9752	0.9952	0.9696	0.8178	0.9967	0.9804
20.0	0.9994	0.9957	0.9784	0.9965	0.9792	0.8024	0.9977	0.9786
20.1	0.9994	0.9959	0.9799	0.9976	0.9794	0.7839	0.9977	0.9828
20.2	0.9994	0.9967	0.9736	0.9971	0.9740	0.6223	0.9967	0.9815
20.3	0.9994	0.9970	0.9745	0.9962	0.9749	0.5305	0.9975	0.9844
20.4	0.9993	0.9970	0.9759	0.9974	0.9801	0.4893	0.9983	0.9885
20.5	0.9995	0.9967	0.9722	0.9969	0.9795	0.2716	0.9975	0.9885
20.6	0.9996	0.9975	0.9679	0.9964	0.9803	0.1475	0.9978	0.9856
20.7	0.9994	0.9961	0.9629	0.9960	0.9748	0.0692	0.9974	0.9819
20.8	0.9992	0.9965	0.9581	0.9938	0.9765	0.0277	0.9960	0.9836
20.9	0.9994	0.9959	0.9663	0.9951	0.9816	0.1089	0.9969	0.9847
21.0	0.9996	0.9959	0.9689	0.9953	0.9748	0.1762	0.9966	0.9808
21.1	0.9994	0.9964	0.9675	0.9953	0.9743	0.0954	0.9961	0.9725
21.2	0.9993	0.9962	0.9570	0.9944	0.9742	0.1155	0.9945	0.9668
21.3	0.9990	0.9945	0.9340	0.9926	0.9748	0.2463	0.9921	0.9513
21.4	0.9992	0.9941	0.9341	0.9940	0.9785	0.3455	0.9939	0.9646
21.5	0.9993	0.9939	0.9355	0.9952	0.9818	0.3858	0.9962	0.9661
21.6	0.9995	0.9938	0.9406	0.9954	0.9854	0.4852	0.9962	0.9621
21.7	0.9994	0.9943	0.9132	0.9930	0.9810	0.4612	0.9941	0.9500
21.8	0.9995	0.9935	0.9094	0.9941	0.9858	0.4225	0.9950	0.9628
21.9	0.9995	0.9923	0.8983	0.9933	0.9837	0.5293	0.9950	0.9657
22.0	0.9995	0.9894	0.8966	0.9934	0.9777	0.5685	0.9941	0.9673
22.1	0.9994	0.9903	0.8519	0.9902	0.9771	0.5311	0.9946	0.9613
22.2	0.9995	0.9921	0.8571	0.9928	0.9864	0.5009	0.9973	0.9720
22.3	0.9995	0.9912	0.8216	0.9907	0.9838	0.4891	0.9954	0.9651
22.4	0.9997	0.9936	0.8151	0.9912	0.9816	0.5310	0.9957	0.9770
22.5	0.9997	0.9938	0.7363	0.9899	0.9801	0.4780	0.9954	0.9855
22.6	0.9995	0.9933	0.5592	0.9841	0.9785	0.4569	0.9941	0.9750
22.7	0.9992	0.9929	0.5154	0.9783	0.9764	0.4136	0.9934	0.9734
22.8	0.9994	0.9934	0.5809	0.9820	0.9816	0.4341	0.9946	0.9784
22.9	0.9994	0.9946	0.6119	0.9808	0.9834	0.2765	0.9934	0.9827
23.0	0.9995	0.9935	0.6193	0.9806	0.9798	0.3101	0.9928	0.9818
23.1	0.9996	0.9926	0.6722	0.9803	0.9755	0.4169	0.9918	0.9844
23.2	0.9996	0.9948	0.7409	0.9862	0.9822	0.4963	0.9943	0.9884
23.3	0.9995	0.9952	0.7596	0.9765	0.9798	0.4325	0.9909	0.9848
23.4	0.9996	0.9965	0.8268	0.9854	0.9783	0.5939	0.9945	0.9909
23.5	0.9996	0.9950	0.8225	0.9854	0.9725	0.6525	0.9915	0.9911
23.6	0.9996	0.9938	0.8503	0.9875	0.9744	0.6953	0.9913	0.9893
23.7	0.9996	0.9958	0.8849	0.9902	0.9735	0.7298	0.9919	0.9920
23.8	0.9996	0.9968	0.8672	0.9926	0.9746	0.7662	0.9904	0.9917
23.9	0.9996	0.9979	0.8790	0.9942	0.9725	0.8191	0.9915	0.9891
24.0	0.9997	0.9970	0.8873	0.9950	0.9579	0.8312	0.9927	0.9901
24.1	0.9997	0.9959	0.8939	0.9954	0.9614	0.8375	0.9927	0.9932
24.2	0.9996	0.9960	0.9124	0.9956	0.9676	0.8234	0.9925	0.9933
24.3	0.9994	0.9933	0.8586	0.9935	0.9344	0.6709	0.9839	0.9863
24.4	0.9995	0.9929	0.7759	0.9900	0.9236	0.6780	0.9738	0.9864
24.5	0.9996	0.9966	0.7926	0.9907	0.9574	0.7510	0.9681	0.9898
24.6	0.9996	0.9972	0.7996	0.9921	0.9569	0.7367	0.9735	0.9906
24.7	0.9996	0.9972	0.8268	0.9937	0.9709	0.7322	0.9800	0.9887
24.8	0.9995	0.9977	0.8388	0.9944	0.9697	0.7380	0.9836	0.9913
24.9	0.9996	0.9961	0.8582	0.9958	0.9545	0.7075	0.9882	0.9905
25.0	0.9995	0.9965	0.8780	0.9965	0.9673	0.7071	0.9928	0.9917
25.1	0.9996	0.9971	0.8628	0.9963	0.9659	0.6877	0.9920	0.9927

25.2	0.9996	0.9962	0.8464	0.9964	0.9660	0.6575	0.9916	0.9886
25.3	0.9995	0.9936	0.8084	0.9945	0.9487	0.6084	0.9846	0.9833
25.4	0.9995	0.9911	0.7427	0.9947	0.9296	0.5827	0.9841	0.9756
25.5	0.9995	0.9896	0.7331	0.9941	0.9311	0.6131	0.9843	0.9707
25.6	0.9997	0.9917	0.7095	0.9955	0.9504	0.4696	0.9906	0.9784
25.7	0.9997	0.9946	0.6781	0.9972	0.9792	0.5505	0.9963	0.9916
25.8	0.9995	0.9955	0.7167	0.9973	0.9886	0.6626	0.9963	0.9950
25.9	0.9996	0.9969	0.8126	0.9980	0.9903	0.7298	0.9975	0.9951
26.0	0.9996	0.9963	0.7678	0.9972	0.9884	0.7119	0.9966	0.9938
26.1	0.9996	0.9951	0.6739	0.9968	0.9870	0.7085	0.9955	0.9936
26.2	0.9997	0.9927	0.7527	0.9975	0.9906	0.6661	0.9968	0.9950
26.3	0.9997	0.9914	0.7812	0.9970	0.9916	0.7151	0.9967	0.9960
26.4	0.9997	0.9940	0.8180	0.9973	0.9917	0.7961	0.9970	0.9971
26.5	0.9997	0.9948	0.8554	0.9979	0.9912	0.8137	0.9975	0.9971
26.6	0.9997	0.9929	0.8837	0.9972	0.9905	0.7354	0.9952	0.9954
26.7	0.9998	0.9943	0.9035	0.9978	0.9932	0.7422	0.9965	0.9963
26.8	0.9997	0.9919	0.9081	0.9976	0.9916	0.7428	0.9966	0.9966
26.9	0.9996	0.9919	0.8728	0.9969	0.9909	0.6896	0.9968	0.9972
27.0	0.9997	0.9934	0.8847	0.9971	0.9925	0.6816	0.9971	0.9966
27.1	0.9998	0.9948	0.9128	0.9985	0.9958	0.6919	0.9985	0.9976
27.2	0.9998	0.9969	0.9115	0.9986	0.9963	0.7013	0.9987	0.9981
27.3	0.9998	0.9961	0.8966	0.9980	0.9952	0.6625	0.9985	0.9974
27.4	0.9997	0.9961	0.9020	0.9972	0.9960	0.6523	0.9969	0.9974
27.5	0.9998	0.9967	0.9154	0.9980	0.9964	0.7926	0.9979	0.9980
27.6	0.9998	0.9961	0.9052	0.9975	0.9954	0.8623	0.9977	0.9977
27.7	0.9996	0.9933	0.8536	0.9978	0.9939	0.8544	0.9975	0.9975
27.8	0.9997	0.9946	0.8440	0.9979	0.9947	0.9039	0.9979	0.9977
27.9	0.9997	0.9949	0.8170	0.9978	0.9955	0.9210	0.9974	0.9981
28.0	0.9997	0.9944	0.7207	0.9961	0.9947	0.9149	0.9955	0.9973
28.1	0.9997	0.9952	0.6753	0.9966	0.9926	0.9352	0.9958	0.9968
28.2	0.9997	0.9955	0.6445	0.9973	0.9929	0.9333	0.9968	0.9959
28.3	0.9997	0.9949	0.4898	0.9975	0.9915	0.9297	0.9974	0.9949
28.4	0.9997	0.9940	0.3583	0.9971	0.9948	0.9293	0.9976	0.9961
28.5	0.9997	0.9956	0.4432	0.9973	0.9951	0.9235	0.9972	0.9970
28.6	0.9998	0.9970	0.4857	0.9978	0.9952	0.9456	0.9978	0.9982
28.7	0.9997	0.9965	0.4874	0.9978	0.9954	0.9514	0.9979	0.9973
28.8	0.9997	0.9967	0.5553	0.9977	0.9957	0.9559	0.9979	0.9976
28.9	0.9997	0.9959	0.5923	0.9976	0.9957	0.9460	0.9981	0.9971
29.0	0.9998	0.9962	0.5095	0.9979	0.9952	0.9353	0.9976	0.9969
29.1	0.9998	0.9972	0.5756	0.9979	0.9951	0.9527	0.9972	0.9975
29.2	0.9998	0.9964	0.6226	0.9981	0.9941	0.9465	0.9972	0.9967
29.3	0.9997	0.9967	0.7210	0.9986	0.9939	0.9368	0.9973	0.9963
29.4	0.9998	0.9973	0.8046	0.9985	0.9941	0.9259	0.9974	0.9974
29.5	0.9997	0.9968	0.7924	0.9981	0.9924	0.8982	0.9970	0.9968
29.6	0.9997	0.9971	0.7595	0.9979	0.9941	0.8698	0.9974	0.9966
29.7	0.9998	0.9965	0.7676	0.9986	0.9955	0.8836	0.9982	0.9975
29.8	0.9997	0.9951	0.7345	0.9970	0.9942	0.8470	0.9961	0.9954
29.9	0.9997	0.9955	0.7882	0.9922	0.9908	0.6523	0.9866	0.9917
30.0	0.9998	0.9969	0.8236	0.9955	0.9921	0.5516	0.9924	0.9943
30.1	0.9997	0.9973	0.8464	0.9985	0.9953	0.7760	0.9980	0.9963
30.2	0.9997	0.9974	0.8728	0.9983	0.9952	0.7334	0.9973	0.9957
30.3	0.9998	0.9976	0.8919	0.9984	0.9954	0.7067	0.9982	0.9965
30.4	0.9998	0.9976	0.8858	0.9988	0.9947	0.7035	0.9986	0.9975
30.5	0.9998	0.9969	0.8712	0.9985	0.9955	0.7305	0.9979	0.9975
30.6	0.9997	0.9967	0.8681	0.9979	0.9933	0.7484	0.9974	0.9961
30.7	0.9998	0.9971	0.8975	0.9982	0.9928	0.7758	0.9975	0.9954
30.8	0.9998	0.9969	0.9105	0.9980	0.9932	0.7750	0.9969	0.9943
30.9	0.9998	0.9973	0.9020	0.9981	0.9930	0.7146	0.9974	0.9948
31.0	0.9998	0.9976	0.9022	0.9984	0.9931	0.7004	0.9977	0.9952
31.1	0.9998	0.9984	0.8978	0.9981	0.9915	0.7863	0.9979	0.9952
31.2	0.9998	0.9980	0.9030	0.9979	0.9900	0.8050	0.9976	0.9951
31.3	0.9998	0.9977	0.9226	0.9978	0.9903	0.7159	0.9974	0.9947
31.4	0.9997	0.9974	0.9141	0.9975	0.9895	0.7297	0.9973	0.9925
31.5	0.9997	0.9961	0.8933	0.9964	0.9834	0.7427	0.9957	0.9885
31.6	0.9998	0.9975	0.9231	0.9963	0.9812	0.8215	0.9955	0.9914
31.7	0.9998	0.9974	0.9349	0.9968	0.9858	0.8621	0.9963	0.9938
31.8	0.9998	0.9969	0.9156	0.9968	0.9823	0.8787	0.9959	0.9918
31.9	0.9998	0.9967	0.9188	0.9967	0.9830	0.8894	0.9948	0.9938
32.0	0.9998	0.9956	0.9116	0.9953	0.9848	0.8946	0.9943	0.9935
32.1	0.9998	0.9968	0.9249	0.9967	0.9883	0.8568	0.9953	0.9933
32.2	0.9998	0.9970	0.9167	0.9971	0.9883	0.8314	0.9953	0.9930
32.3	0.9998	0.9966	0.9194	0.9962	0.9850	0.8194	0.9942	0.9916
32.4	0.9998	0.9968	0.9115	0.9972	0.9836	0.8517	0.9949	0.9927
32.5	0.9998	0.9973	0.9222	0.9975	0.9868	0.8557	0.9945	0.9930
32.6	0.9998	0.9968	0.9100	0.9966	0.9854	0.8483	0.9935	0.9919
32.7	0.9998	0.9975	0.9217	0.9975	0.9904	0.8573	0.9953	0.9950
32.8	0.9998	0.9978	0.9257	0.9972	0.9895	0.8336	0.9938	0.9948
32.9	0.9999	0.9974	0.9172	0.9979	0.9925	0.7683	0.9958	0.9963
33.0	0.9999	0.9981	0.9024	0.9976	0.9931	0.7747	0.9954	0.9948
33.1	0.9999	0.9981	0.8827	0.9977	0.9935	0.8097	0.9960	0.9947
33.2	0.9998	0.9983	0.8639	0.9981	0.9933	0.8236	0.9964	0.9947
33.3	0.9999	0.9981	0.8552	0.9985	0.9949	0.8578	0.9978	0.9963
33.4	0.9998	0.9968	0.8179	0.9975	0.9909	0.8277	0.9954	0.9915
33.5	0.9998	0.9979	0.8575	0.9979	0.9927	0.8354	0.9975	0.9945
33.6	0.9997	0.9981	0.8735	0.9983	0.9921	0.8937	0.9969	0.9936
33.7	0.9998	0.9974	0.8688	0.9983	0.9899	0.9221	0.9976	0.9943

33.8	0.9998	0.9962	0.8223	0.9983	0.9889	0.9004	0.9983	0.9952
33.9	0.9997	0.9965	0.8438	0.9984	0.9941	0.8647	0.9987	0.9971
34.0	0.9998	0.9977	0.8904	0.9984	0.9961	0.8766	0.9987	0.9975
34.1	0.9999	0.9984	0.9130	0.9982	0.9963	0.8807	0.9988	0.9975
34.2	0.9999	0.9979	0.9065	0.9984	0.9969	0.8886	0.9987	0.9972
34.3	0.9998	0.9971	0.9006	0.9986	0.9956	0.8727	0.9988	0.9972
34.4	0.9997	0.9965	0.9046	0.9983	0.9931	0.8289	0.9982	0.9956
34.5	0.9999	0.9975	0.9257	0.9989	0.9952	0.9226	0.9986	0.9967
34.6	0.9999	0.9982	0.9251	0.9989	0.9959	0.9603	0.9990	0.9974
34.7	0.9998	0.9983	0.9150	0.9989	0.9962	0.9652	0.9990	0.9972
34.8	0.9998	0.9977	0.9042	0.9986	0.9961	0.9530	0.9988	0.9967
34.9	0.9998	0.9972	0.8971	0.9988	0.9956	0.9713	0.9988	0.9955
35.0	0.9998	0.9973	0.8987	0.9987	0.9945	0.9713	0.9986	0.9941
35.1	0.9998	0.9970	0.9039	0.9980	0.9950	0.9714	0.9988	0.9941
35.2	0.9998	0.9964	0.8850	0.9983	0.9946	0.9776	0.9988	0.9938
35.3	0.9998	0.9974	0.9050	0.9989	0.9960	0.9825	0.9990	0.9956
35.4	0.9998	0.9981	0.9158	0.9986	0.9956	0.9826	0.9986	0.9949
35.5	0.9999	0.9982	0.9260	0.9988	0.9958	0.9904	0.9991	0.9959
35.6	0.9999	0.9982	0.9212	0.9990	0.9963	0.9898	0.9991	0.9959
35.7	0.9998	0.9979	0.9162	0.9985	0.9951	0.9852	0.9990	0.9954
35.8	0.9998	0.9979	0.9139	0.9986	0.9958	0.9901	0.9990	0.9958
35.9	0.9998	0.9971	0.8963	0.9982	0.9950	0.9874	0.9982	0.9948
36.0	0.9998	0.9975	0.9214	0.9988	0.9959	0.9912	0.9992	0.9959
36.1	0.9999	0.9973	0.9038	0.9985	0.9965	0.9914	0.9991	0.9962
36.2	0.9999	0.9971	0.9025	0.9986	0.9959	0.9915	0.9990	0.9957
36.3	0.9998	0.9977	0.9192	0.9988	0.9972	0.9926	0.9991	0.9968
36.4	0.9997	0.9961	0.8847	0.9980	0.9964	0.9876	0.9989	0.9962
36.5	0.9998	0.9969	0.9182	0.9985	0.9970	0.9906	0.9990	0.9967
36.6	0.9999	0.9980	0.9268	0.9987	0.9977	0.9920	0.9991	0.9973
36.7	0.9999	0.9976	0.9103	0.9985	0.9974	0.9905	0.9991	0.9972
36.8	0.9999	0.9971	0.9112	0.9988	0.9969	0.9893	0.9991	0.9971
36.9	0.9999	0.9978	0.9249	0.9987	0.9973	0.9909	0.9992	0.9974
37.0	0.9999	0.9978	0.9232	0.9987	0.9967	0.9910	0.9993	0.9963
37.1	0.9999	0.9979	0.9310	0.9986	0.9951	0.9909	0.9991	0.9953
37.2	0.9999	0.9983	0.9417	0.9988	0.9948	0.9914	0.9991	0.9947
37.3	0.9999	0.9981	0.9344	0.9986	0.9958	0.9927	0.9993	0.9955
37.4	0.9999	0.9974	0.9227	0.9985	0.9950	0.9867	0.9992	0.9950
37.5	0.9998	0.9972	0.9113	0.9988	0.9958	0.9824	0.9993	0.9952
37.6	0.9999	0.9971	0.9203	0.9990	0.9970	0.9879	0.9995	0.9959
37.7	0.9999	0.9974	0.9363	0.9989	0.9966	0.9902	0.9993	0.9960
37.8	0.9998	0.9977	0.9245	0.9987	0.9960	0.9837	0.9990	0.9957
37.9	0.9998	0.9979	0.9228	0.9989	0.9963	0.9880	0.9993	0.9960
38.0	0.9999	0.9973	0.9103	0.9985	0.9956	0.9817	0.9990	0.9955
38.1	0.9998	0.9971	0.9225	0.9988	0.9961	0.9801	0.9993	0.9943
38.2	0.9999	0.9971	0.9189	0.9984	0.9956	0.9790	0.9991	0.9931
38.3	0.9998	0.9956	0.8645	0.9980	0.9940	0.9733	0.9991	0.9902
38.4	0.9998	0.9963	0.8755	0.9984	0.9948	0.9721	0.9993	0.9910
38.5	0.9999	0.9968	0.9033	0.9986	0.9952	0.9769	0.9994	0.9914
38.6	0.9999	0.9967	0.9209	0.9987	0.9960	0.9791	0.9994	0.9930
38.7	0.9998	0.9974	0.8800	0.9984	0.9946	0.9714	0.9990	0.9902
38.8	0.9997	0.9959	0.8547	0.9982	0.9964	0.9725	0.9990	0.9936
38.9	0.9998	0.9957	0.8729	0.9984	0.9972	0.9746	0.9991	0.9943
39.0	0.9998	0.9932	0.8601	0.9982	0.9951	0.9655	0.9988	0.9909
39.1	0.9999	0.9952	0.8766	0.9985	0.9954	0.9603	0.9991	0.9918
39.2	0.9999	0.9965	0.8963	0.9989	0.9959	0.9607	0.9993	0.9929
39.3	0.9998	0.9958	0.8688	0.9987	0.9967	0.9607	0.9994	0.9953
39.4	0.9998	0.9947	0.8245	0.9981	0.9954	0.9224	0.9995	0.9927
39.5	0.9999	0.9954	0.8395	0.9985	0.9949	0.8960	0.9994	0.9924
39.6	0.9999	0.9951	0.7856	0.9988	0.9944	0.8528	0.9994	0.9911
39.7	0.9998	0.9951	0.7024	0.9981	0.9963	0.8119	0.9990	0.9936
39.8	0.9998	0.9930	0.7265	0.9983	0.9965	0.8851	0.9993	0.9941
39.9	0.9999	0.9938	0.8030	0.9985	0.9962	0.8702	0.9994	0.9943
40.0	0.9999	0.9943	0.8168	0.9981	0.9964	0.7997	0.9995	0.9939
40.1	0.9999	0.9924	0.7892	0.9975	0.9950	0.8201	0.9991	0.9916
40.2	0.9999	0.9948	0.8132	0.9980	0.9964	0.9312	0.9991	0.9937
40.3	0.9999	0.9961	0.8264	0.9989	0.9979	0.9519	0.9995	0.9961
40.4	0.9998	0.9960	0.7312	0.9982	0.9979	0.9514	0.9994	0.9945
40.5	0.9998	0.9964	0.7614	0.9984	0.9981	0.9761	0.9992	0.9952
40.6	0.9998	0.9972	0.8452	0.9987	0.9982	0.9735	0.9994	0.9955
40.7	0.9999	0.9970	0.8664	0.9978	0.9984	0.9757	0.9992	0.9961
40.8	0.9998	0.9948	0.8184	0.9971	0.9971	0.9733	0.9988	0.9928
40.9	0.9998	0.9954	0.8447	0.9978	0.9977	0.9822	0.9992	0.9952
41.0	0.9998	0.9956	0.8484	0.9981	0.9973	0.9794	0.9993	0.9949
41.1	0.9998	0.9967	0.8609	0.9980	0.9981	0.9880	0.9992	0.9959
41.2	0.9999	0.9967	0.8764	0.9978	0.9983	0.9876	0.9993	0.9964
41.3	0.9999	0.9952	0.8622	0.9973	0.9969	0.9812	0.9988	0.9917
41.4	0.9998	0.9958	0.8727	0.9960	0.9974	0.9841	0.9976	0.9948
41.5	0.9998	0.9949	0.9056	0.9957	0.9970	0.9880	0.9983	0.9952
41.6	0.9999	0.9920	0.9143	0.9956	0.9974	0.9905	0.9983	0.9934
41.7	0.9999	0.9954	0.9073	0.9970	0.9972	0.9908	0.9986	0.9953
41.8	0.9999	0.9966	0.8987	0.9971	0.9966	0.9905	0.9984	0.9936
41.9	0.9998	0.9968	0.9138	0.9952	0.9954	0.9906	0.9964	0.9902
42.0	0.9998	0.9980	0.9105	0.9971	0.9980	0.9913	0.9980	0.9942
42.1	0.9999	0.9969	0.9170	0.9977	0.9979	0.9942	0.9988	0.9949
42.2	0.9999	0.9966	0.9281	0.9982	0.9985	0.9940	0.9991	0.9930
42.3	0.9999	0.9961	0.9149	0.9976	0.9986	0.9927	0.9984	0.9918

42.4	0.9999	0.9960	0.9164	0.9973	0.9980	0.9945	0.9982	0.9961
42.5	0.9999	0.9968	0.9236	0.9978	0.9984	0.9945	0.9988	0.9966
42.6	0.9998	0.9969	0.9054	0.9977	0.9980	0.9898	0.9992	0.9932
42.7	0.9999	0.9973	0.9276	0.9975	0.9962	0.9926	0.9986	0.9944
42.8	0.9999	0.9975	0.9444	0.9962	0.9950	0.9934	0.9975	0.9911
42.9	0.9998	0.9959	0.9222	0.9940	0.9929	0.9913	0.9953	0.9851
43.0	0.9999	0.9949	0.9223	0.9964	0.9953	0.9919	0.9975	0.9932
43.1	0.9999	0.9960	0.9165	0.9968	0.9951	0.9907	0.9980	0.9941
43.2	0.9998	0.9956	0.9045	0.9972	0.9965	0.9901	0.9987	0.9906
43.3	0.9998	0.9960	0.8997	0.9974	0.9952	0.9872	0.9984	0.9830
43.4	0.9999	0.9968	0.9231	0.9969	0.9946	0.9864	0.9978	0.9888
43.5	0.9999	0.9970	0.9445	0.9961	0.9926	0.9849	0.9962	0.9918
43.6	0.9999	0.9945	0.9409	0.9947	0.9908	0.9816	0.9948	0.9894
43.7	0.9999	0.9970	0.9590	0.9973	0.9961	0.9925	0.9981	0.9934
43.8	0.9999	0.9978	0.9659	0.9983	0.9978	0.9951	0.9989	0.9954
43.9	0.9999	0.9973	0.9586	0.9984	0.9979	0.9948	0.9990	0.9877
44.0	0.9999	0.9972	0.9603	0.9981	0.9970	0.9925	0.9987	0.9929
44.1	0.9999	0.9975	0.9610	0.9977	0.9966	0.9948	0.9988	0.9975
44.2	0.9999	0.9979	0.9435	0.9975	0.9949	0.9907	0.9979	0.9961
44.3	0.9999	0.9985	0.9620	0.9983	0.9965	0.9930	0.9987	0.9966
44.4	0.9999	0.9977	0.9679	0.9984	0.9973	0.9937	0.9992	0.9953
44.5	0.9998	0.9968	0.9635	0.9984	0.9974	0.9953	0.9995	0.9923
44.6	0.9998	0.9969	0.9610	0.9969	0.9964	0.9948	0.9989	0.9933
44.7	0.9999	0.9971	0.9587	0.9977	0.9966	0.9946	0.9993	0.9936
44.8	0.9999	0.9967	0.9596	0.9979	0.9968	0.9946	0.9991	0.9837
44.9	0.9999	0.9976	0.9698	0.9970	0.9961	0.9958	0.9993	0.9712
45.0	0.9999	0.9968	0.9620	0.9968	0.9951	0.9963	0.9990	0.9734
45.1	0.9999	0.9976	0.9574	0.9978	0.9963	0.9964	0.9992	0.9903
45.2	0.9999	0.9975	0.9562	0.9983	0.9956	0.9952	0.9992	0.9933
45.3	0.9998	0.9970	0.9382	0.9977	0.9961	0.9920	0.9991	0.9906
45.4	0.9999	0.9977	0.9536	0.9973	0.9953	0.9868	0.9989	0.9894
45.5	0.9999	0.9974	0.9616	0.9951	0.9946	0.9932	0.9984	0.9896
45.6	0.9999	0.9977	0.9558	0.9943	0.9921	0.9937	0.9975	0.9875
45.7	0.9999	0.9975	0.9536	0.9955	0.9915	0.9925	0.9971	0.9856
45.8	0.9999	0.9970	0.9438	0.9955	0.9927	0.9951	0.9983	0.9909
45.9	0.9999	0.9969	0.9400	0.9968	0.9946	0.9953	0.9989	0.9937
46.0	0.9999	0.9956	0.9316	0.9966	0.9943	0.9922	0.9989	0.9886
46.1	0.9999	0.9949	0.9145	0.9970	0.9957	0.9904	0.9989	0.9919
46.2	0.9999	0.9961	0.9466	0.9971	0.9958	0.9899	0.9989	0.9936
46.3	0.9999	0.9965	0.9482	0.9969	0.9947	0.9917	0.9986	0.9794
46.4	0.9999	0.9964	0.9634	0.9976	0.9971	0.9949	0.9993	0.9786
46.5	0.9999	0.9964	0.9633	0.9972	0.9967	0.9924	0.9993	0.9712
46.6	0.9999	0.9974	0.9756	0.9969	0.9947	0.9914	0.9988	0.9812
46.7	0.9999	0.9979	0.9692	0.9953	0.9917	0.9868	0.9982	0.9752
46.8	0.9999	0.9982	0.9744	0.9972	0.9923	0.9920	0.9984	0.9785
46.9	0.9999	0.9977	0.9701	0.9978	0.9932	0.9928	0.9988	0.9840
47.0	0.9999	0.9961	0.9590	0.9974	0.9968	0.9881	0.9993	0.9881
47.1	0.9999	0.9953	0.9565	0.9965	0.9948	0.9887	0.9989	0.9844
47.2	0.9999	0.9962	0.9731	0.9959	0.9922	0.9942	0.9982	0.9824
47.3	0.9999	0.9943	0.9633	0.9954	0.9913	0.9920	0.9981	0.9839
47.4	0.9999	0.9955	0.9749	0.9963	0.9960	0.9929	0.9991	0.9924
47.5	0.9999	0.9965	0.9766	0.9957	0.9966	0.9917	0.9992	0.9909
47.6	0.9999	0.9950	0.9727	0.9965	0.9963	0.9920	0.9993	0.9898
47.7	0.9998	0.9894	0.9636	0.9949	0.9929	0.9833	0.9989	0.9700
47.8	0.9999	0.9935	0.9706	0.9961	0.9923	0.9891	0.9990	0.9820
47.9	0.9999	0.9950	0.9702	0.9960	0.9951	0.9891	0.9993	0.9895
48.0	0.9999	0.9946	0.9651	0.9957	0.9939	0.9868	0.9993	0.9939
48.1	0.9998	0.9938	0.9652	0.9963	0.9927	0.9893	0.9992	0.9935
48.2	0.9999	0.9963	0.9775	0.9968	0.9959	0.9922	0.9996	0.9948
48.3	0.9999	0.9958	0.9782	0.9966	0.9952	0.9909	0.9995	0.9920
48.4	0.9999	0.9960	0.9837	0.9965	0.9952	0.9907	0.9996	0.9945
48.5	0.9999	0.9953	0.9790	0.9947	0.9946	0.9927	0.9996	0.9919
48.6	0.9999	0.9946	0.9746	0.9952	0.9937	0.9935	0.9996	0.9899
48.7	0.9999	0.9910	0.9691	0.9936	0.9903	0.9923	0.9995	0.9893
48.8	0.9999	0.9930	0.9720	0.9935	0.9922	0.9930	0.9995	0.9939
48.9	0.9999	0.9945	0.9747	0.9963	0.9918	0.9942	0.9995	0.9952
49.0	0.9999	0.9943	0.9727	0.9944	0.9884	0.9934	0.9994	0.9915
49.1	0.9999	0.9931	0.9729	0.9940	0.9893	0.9935	0.9995	0.9874
49.2	0.9999	0.9931	0.9774	0.9951	0.9905	0.9944	0.9996	0.9854
49.3	0.9999	0.9929	0.9764	0.9952	0.9887	0.9938	0.9996	0.9880
49.4	0.9999	0.9930	0.9831	0.9944	0.9889	0.9947	0.9997	0.9894
49.5	0.9999	0.9914	0.9812	0.9932	0.9884	0.9934	0.9995	0.9817
49.6	0.9999	0.9902	0.9696	0.9947	0.9765	0.9932	0.9992	0.9708
49.7	0.9999	0.9910	0.9660	0.9940	0.9757	0.9925	0.9992	0.9763
49.8	0.9999	0.9941	0.9720	0.9958	0.9838	0.9922	0.9994	0.9837
49.9	0.9999	0.9937	0.9796	0.9950	0.9813	0.9944	0.9996	0.9912
50.0	0.9999	0.9903	0.9746	0.9922	0.9642	0.9938	0.9995	0.9912
50.1	0.9999	0.9864	0.9644	0.9917	0.9545	0.9926	0.9991	0.9880
50.2	0.9999	0.9893	0.9785	0.9946	0.9604	0.9947	0.9993	0.9885
50.3	0.9999	0.9913	0.9827	0.9934	0.9668	0.9944	0.9994	0.9852
50.4	0.9999	0.9940	0.9828	0.9954	0.9691	0.9932	0.9995	0.9855
50.5	0.9999	0.9899	0.9758	0.9945	0.9466	0.9905	0.9992	0.9718
50.6	0.9999	0.9916	0.9715	0.9949	0.9435	0.9915	0.9992	0.9769
50.7	0.9999	0.9927	0.9792	0.9963	0.9645	0.9952	0.9995	0.9870
50.8	0.9999	0.9897	0.9736	0.9948	0.9559	0.9951	0.9993	0.9707
50.9	0.9999	0.9891	0.9767	0.9957	0.9654	0.9964	0.9994	0.9706

51.0	0.9999	0.9894	0.9734	0.9947	0.9606	0.9943	0.9993	0.9715
51.1	0.9999	0.9891	0.9753	0.9954	0.9587	0.9960	0.9994	0.9828
51.2	0.9999	0.9788	0.9711	0.9950	0.9311	0.9942	0.9990	0.9801
51.3	0.9999	0.9842	0.9767	0.9951	0.9169	0.9941	0.9989	0.9750
51.4	0.9999	0.9913	0.9839	0.9951	0.9362	0.9949	0.9990	0.9837
51.5	0.9999	0.9903	0.9801	0.9955	0.9424	0.9943	0.9991	0.9828
51.6	0.9999	0.9880	0.9741	0.9955	0.9221	0.9934	0.9989	0.9808
51.7	0.9999	0.9888	0.9778	0.9948	0.9206	0.9949	0.9989	0.9764
51.8	0.9999	0.9884	0.9708	0.9951	0.9383	0.9949	0.9992	0.9719
51.9	0.9999	0.9877	0.9720	0.9954	0.9328	0.9943	0.9992	0.9704
52.0	0.9999	0.9878	0.9782	0.9953	0.9271	0.9940	0.9992	0.9761
52.1	0.9999	0.9879	0.9804	0.9954	0.9141	0.9950	0.9992	0.9698
52.2	0.9999	0.9880	0.9798	0.9952	0.8963	0.9933	0.9992	0.9657
52.3	0.9999	0.9886	0.9775	0.9956	0.8967	0.9921	0.9990	0.9684
52.4	0.9999	0.9876	0.9736	0.9946	0.8990	0.9919	0.9991	0.9450
52.5	0.9999	0.9865	0.9776	0.9934	0.8590	0.9904	0.9991	0.9461
52.6	0.9999	0.9886	0.9694	0.9930	0.7612	0.9918	0.9989	0.9423
52.7	0.9999	0.9875	0.9688	0.9933	0.6827	0.9928	0.9990	0.9308
52.8	0.9999	0.9877	0.9759	0.9931	0.7068	0.9900	0.9986	0.9027
52.9	0.9999	0.9882	0.9763	0.9936	0.7470	0.9914	0.9988	0.8941
53.0	0.9999	0.9837	0.9764	0.9941	0.7145	0.9894	0.9986	0.8759
53.1	0.9999	0.9778	0.9772	0.9940	0.6626	0.9869	0.9987	0.9132
53.2	0.9999	0.9785	0.9714	0.9940	0.6832	0.9878	0.9986	0.9388
53.3	0.9998	0.9761	0.9647	0.9913	0.6050	0.9863	0.9977	0.9072
53.4	0.9999	0.9792	0.9666	0.9925	0.5649	0.9871	0.9981	0.8739
53.5	0.9999	0.9848	0.9671	0.9929	0.6585	0.9846	0.9983	0.7552
53.6	0.9999	0.9858	0.9794	0.9922	0.7696	0.9860	0.9982	0.8994
53.7	0.9999	0.9840	0.9805	0.9928	0.6681	0.9834	0.9981	0.9043
53.8	0.9999	0.9816	0.9777	0.9938	0.5840	0.9803	0.9984	0.8653
53.9	0.9999	0.9872	0.9717	0.9937	0.6708	0.9876	0.9985	0.8431
54.0	0.9999	0.9850	0.9747	0.9942	0.6160	0.9868	0.9984	0.8667
54.1	0.9999	0.9834	0.9654	0.9947	0.4971	0.9805	0.9986	0.7139
54.2	0.9999	0.9890	0.9700	0.9940	0.5396	0.9832	0.9990	0.6798
54.3	0.9998	0.9842	0.9646	0.9913	0.4488	0.9785	0.9988	0.6854
54.4	0.9998	0.9815	0.9659	0.9908	0.3639	0.9765	0.9989	0.8315
54.5	0.9999	0.9833	0.9706	0.9900	0.4510	0.9782	0.9989	0.8095
54.6	0.9999	0.9871	0.9572	0.9920	0.3942	0.9824	0.9992	0.8056
54.7	0.9999	0.9858	0.9408	0.9932	0.2856	0.9863	0.9993	0.8108
54.8	0.9999	0.9899	0.9556	0.9954	0.1396	0.9888	0.9993	0.8902
54.9	0.9999	0.9911	0.9457	0.9957	0.0161	0.9854	0.9995	0.8536
55.0	0.9999	0.9846	0.9254	0.9930	0.0671	0.9853	0.9993	0.8198
55.1	0.9999	0.9771	0.9138	0.9919	0.0890	0.9755	0.9989	0.8425
55.2	0.9999	0.9818	0.9317	0.9927	0.3210	0.9827	0.9992	0.8533
55.3	0.9999	0.9867	0.9354	0.9938	0.4327	0.9849	0.9992	0.9081
55.4	0.9999	0.9902	0.9483	0.9947	0.3878	0.9873	0.9994	0.9251
55.5	0.9999	0.9917	0.9551	0.9948	0.4635	0.9918	0.9997	0.9484
55.6	0.9999	0.9888	0.9454	0.9922	0.4740	0.9908	0.9995	0.9294
55.7	0.9999	0.9864	0.9330	0.9919	0.5070	0.9878	0.9994	0.9211
55.8	0.9999	0.9822	0.9207	0.9916	0.4887	0.9866	0.9994	0.8937
55.9	0.9999	0.9871	0.9365	0.9911	0.6840	0.9913	0.9994	0.9339
56.0	0.9999	0.9909	0.9585	0.9933	0.7790	0.9926	0.9995	0.9550
56.1	0.9999	0.9872	0.9483	0.9924	0.6803	0.9899	0.9994	0.9286
56.2	0.9999	0.9828	0.9213	0.9913	0.6546	0.9921	0.9995	0.9268
56.3	0.9999	0.9844	0.9369	0.9927	0.7701	0.9921	0.9995	0.9403
56.4	0.9999	0.9877	0.9500	0.9942	0.8321	0.9937	0.9995	0.9570
56.5	0.9999	0.9884	0.9413	0.9934	0.8461	0.9927	0.9995	0.9458
56.6	0.9999	0.9863	0.9302	0.9912	0.7923	0.9892	0.9993	0.9186
56.7	0.9999	0.9886	0.9404	0.9935	0.8011	0.9925	0.9995	0.9263
56.8	0.9999	0.9860	0.9364	0.9930	0.8180	0.9932	0.9996	0.9420
56.9	0.9999	0.9818	0.9245	0.9914	0.7977	0.9912	0.9994	0.9261
57.0	0.9998	0.9794	0.9177	0.9918	0.7497	0.9899	0.9991	0.8951
57.1	0.9999	0.9804	0.9259	0.9925	0.8340	0.9929	0.9995	0.9234
57.2	0.9999	0.9786	0.9041	0.9908	0.8805	0.9896	0.9995	0.9221
57.3	0.9999	0.9814	0.9294	0.9915	0.9115	0.9935	0.9996	0.9424
57.4	0.9999	0.9777	0.9322	0.9905	0.9051	0.9930	0.9996	0.9529
57.5	0.9999	0.9752	0.9281	0.9918	0.8903	0.9915	0.9996	0.9545
57.6	0.9999	0.9746	0.9375	0.9920	0.8940	0.9899	0.9995	0.9519
57.7	0.9998	0.9748	0.9420	0.9892	0.9131	0.9912	0.9996	0.9557
57.8	0.9999	0.9796	0.9339	0.9907	0.9010	0.9936	0.9996	0.9427
57.9	0.9999	0.9830	0.9306	0.9905	0.9006	0.9917	0.9997	0.9456
58.0	0.9999	0.9787	0.9339	0.9914	0.9180	0.9883	0.9997	0.9526
58.1	0.9999	0.9824	0.9558	0.9904	0.9592	0.9942	0.9997	0.9713
58.2	0.9999	0.9818	0.9517	0.9888	0.9595	0.9945	0.9996	0.9627
58.3	0.9999	0.9822	0.9556	0.9903	0.9521	0.9940	0.9996	0.9626
58.4	0.9999	0.9810	0.9573	0.9941	0.9532	0.9917	0.9996	0.9559
58.5	0.9999	0.9763	0.9494	0.9919	0.9169	0.9903	0.9993	0.9360
58.6	0.9999	0.9735	0.9472	0.9884	0.9177	0.9892	0.9991	0.9405
58.7	0.9999	0.9725	0.9388	0.9887	0.9471	0.9894	0.9990	0.9572
58.8	0.9999	0.9812	0.9600	0.9909	0.9707	0.9909	0.9992	0.9662
58.9	0.9999	0.9814	0.9664	0.9896	0.9643	0.9905	0.9988	0.9371
59.0	0.9999	0.9714	0.9654	0.9877	0.9564	0.9827	0.9974	0.7979
59.1	0.9999	0.9773	0.9522	0.9882	0.9525	0.9828	0.9982	0.8370
59.2	0.9999	0.9871	0.9619	0.9915	0.9582	0.9911	0.9993	0.9577
59.3	0.9999	0.9874	0.9671	0.9929	0.9684	0.9930	0.9992	0.9690
59.4	0.9999	0.9837	0.9711	0.9916	0.9578	0.9914	0.9993	0.9597
59.5	0.9998	0.9849	0.9603	0.9902	0.9569	0.9915	0.9993	0.9595

59.6	0.9999	0.9882	0.9593	0.9920	0.9726	0.9929	0.9992	0.9647
59.7	0.9999	0.9911	0.9745	0.9918	0.9820	0.9938	0.9994	0.9690
59.8	0.9999	0.9902	0.9682	0.9851	0.9779	0.9928	0.9991	0.9369
59.9	0.9989	0.4077	0.2530	0.0979	0.8125	0.9629	0.9985	0.9009
60.0	0.9962	0.0993	0.1198	0.0365	0.6058	0.8811	0.9984	0.9057
60.1	0.9991	0.3928	0.2840	0.0743	0.8552	0.9679	0.9989	0.9467
60.2	0.9999	0.9911	0.9653	0.9873	0.9793	0.9944	0.9993	0.9636
60.3	0.9999	0.9931	0.9722	0.9943	0.9772	0.9920	0.9994	0.9632
60.4	0.9999	0.9926	0.9687	0.9927	0.9835	0.9917	0.9991	0.9702
60.5	0.9999	0.9932	0.9617	0.9932	0.9831	0.9906	0.9992	0.9765
60.6	0.9999	0.9946	0.9590	0.9937	0.9798	0.9903	0.9992	0.9756
60.7	0.9998	0.9932	0.9599	0.9926	0.9741	0.9912	0.9992	0.9662
60.8	0.9998	0.9931	0.9350	0.9926	0.9765	0.9893	0.9990	0.9699
60.9	0.9999	0.9962	0.9406	0.9951	0.9804	0.9890	0.9993	0.9749
61.0	0.9999	0.9959	0.9574	0.9955	0.9808	0.9930	0.9994	0.9745
61.1	0.9999	0.9933	0.9416	0.9934	0.9645	0.9895	0.9992	0.9556
61.2	0.9999	0.9907	0.9476	0.9933	0.9708	0.9913	0.9992	0.9676
61.3	0.9998	0.9883	0.9214	0.9925	0.9720	0.9887	0.9989	0.9592
61.4	0.9999	0.9897	0.9273	0.9928	0.9767	0.9894	0.9991	0.9569
61.5	0.9999	0.9922	0.9465	0.9945	0.9781	0.9917	0.9994	0.9739
61.6	0.9999	0.9913	0.9650	0.9948	0.9847	0.9938	0.9994	0.9696
61.7	0.9999	0.9924	0.9577	0.9943	0.9851	0.9914	0.9993	0.9691
61.8	0.9999	0.9932	0.9390	0.9945	0.9823	0.9913	0.9993	0.9731
61.9	0.9999	0.9906	0.9298	0.9951	0.9817	0.9890	0.9991	0.9673
62.0	0.9999	0.9887	0.9474	0.9950	0.9856	0.9895	0.9992	0.9653
62.1	0.9999	0.9898	0.9140	0.9947	0.9863	0.9887	0.9990	0.9572
62.2	0.9999	0.9890	0.8997	0.9946	0.9801	0.9874	0.9989	0.9541
62.3	0.9999	0.9922	0.9488	0.9937	0.9885	0.9874	0.9992	0.9560
62.4	0.9999	0.9905	0.9402	0.9941	0.9850	0.9827	0.9990	0.9250
62.5	0.9999	0.9897	0.9181	0.9944	0.9871	0.9823	0.9990	0.9235
62.6	0.9999	0.9868	0.9143	0.9928	0.9858	0.9810	0.9990	0.9397
62.7	0.9998	0.9839	0.8950	0.9912	0.9846	0.9810	0.9986	0.9099
62.8	0.9998	0.9840	0.9025	0.9938	0.9883	0.9780	0.9988	0.9014
62.9	0.9998	0.9811	0.8668	0.9927	0.9840	0.9789	0.9988	0.8921
63.0	0.9998	0.9827	0.8722	0.9922	0.9838	0.9819	0.9989	0.9086
63.1	0.9999	0.9841	0.8977	0.9943	0.9872	0.9801	0.9991	0.9023
63.2	0.9999	0.9726	0.8663	0.9932	0.9846	0.9772	0.9989	0.8491
63.3	0.9998	0.9746	0.8508	0.9924	0.9862	0.9775	0.9988	0.8135
63.4	0.9999	0.9814	0.8962	0.9947	0.9911	0.9828	0.9991	0.8399
63.5	0.9999	0.9879	0.9170	0.9964	0.9921	0.9844	0.9992	0.8587
63.6	0.9999	0.9863	0.9147	0.9954	0.9908	0.9817	0.9992	0.8402
63.7	0.9999	0.9795	0.8666	0.9946	0.9889	0.9808	0.9990	0.8576
63.8	0.9999	0.9797	0.8579	0.9942	0.9918	0.9825	0.9989	0.8846
63.9	0.9999	0.9764	0.8653	0.9944	0.9918	0.9793	0.9990	0.8994
64.0	0.9999	0.9857	0.8877	0.9956	0.9921	0.9803	0.9992	0.9102
64.1	0.9999	0.9833	0.8454	0.9936	0.9920	0.9785	0.9990	0.9173
64.2	0.9998	0.9762	0.8399	0.9937	0.9904	0.9807	0.9989	0.9317
64.3	0.9999	0.9824	0.8641	0.9941	0.9912	0.9798	0.9992	0.9285
64.4	0.9999	0.9846	0.8742	0.9932	0.9908	0.9836	0.9991	0.9300
64.5	0.9999	0.9742	0.8739	0.9952	0.9921	0.9856	0.9988	0.9452
64.6	0.9998	0.9685	0.8811	0.9924	0.9942	0.9750	0.9985	0.9554
64.7	0.9999	0.9774	0.9002	0.9945	0.9922	0.9784	0.9990	0.9601
64.8	0.9999	0.9802	0.9074	0.9939	0.9901	0.9810	0.9990	0.9595
64.9	0.9998	0.9750	0.9074	0.9938	0.9906	0.9777	0.9985	0.9583
65.0	0.9998	0.9760	0.9180	0.9945	0.9919	0.9798	0.9990	0.9581
65.1	0.9999	0.9720	0.8874	0.9938	0.9934	0.9836	0.9990	0.9527
65.2	0.9999	0.9747	0.8763	0.9942	0.9935	0.9750	0.9989	0.9558
65.3	0.9999	0.9768	0.8955	0.9950	0.9942	0.9727	0.9991	0.9552
65.4	0.9999	0.9841	0.9050	0.9940	0.9943	0.9796	0.9992	0.9609
65.5	0.9999	0.9805	0.8749	0.9932	0.9942	0.9825	0.9988	0.9506
65.6	0.9998	0.9573	0.8604	0.9925	0.9909	0.9794	0.9985	0.9370
65.7	0.9998	0.9666	0.8719	0.9932	0.9927	0.9760	0.9986	0.9638
65.8	0.9998	0.9712	0.8559	0.9952	0.9928	0.9661	0.9988	0.9691
65.9	0.9998	0.9743	0.8890	0.9960	0.9931	0.9701	0.9990	0.9775
66.0	0.9998	0.9676	0.8764	0.9941	0.9940	0.9748	0.9985	0.9734
66.1	0.9998	0.9710	0.8644	0.9934	0.9924	0.9754	0.9988	0.9703
66.2	0.9998	0.9624	0.8421	0.9940	0.9917	0.9767	0.9985	0.9777
66.3	0.9998	0.9643	0.8625	0.9958	0.9943	0.9795	0.9987	0.9751
66.4	0.9998	0.9585	0.8585	0.9922	0.9908	0.9744	0.9978	0.9638
66.5	0.9997	0.9489	0.8512	0.9920	0.9893	0.9691	0.9975	0.9719
66.6	0.9998	0.9624	0.8967	0.9938	0.9926	0.9731	0.9984	0.9753
66.7	0.9998	0.9468	0.8963	0.9936	0.9937	0.9776	0.9985	0.9715
66.8	0.9998	0.9349	0.8257	0.9933	0.9902	0.9662	0.9974	0.9762
66.9	0.9998	0.9461	0.8530	0.9944	0.9927	0.9695	0.9979	0.9721
67.0	0.9998	0.9356	0.8176	0.9951	0.9915	0.9607	0.9973	0.9689
67.1	0.9998	0.9281	0.8433	0.9946	0.9913	0.9601	0.9966	0.9681
67.2	0.9998	0.9395	0.8763	0.9946	0.9941	0.9780	0.9974	0.9825
67.3	0.9999	0.9327	0.8617	0.9949	0.9937	0.9782	0.9973	0.9823
67.4	0.9998	0.9289	0.8699	0.9956	0.9942	0.9800	0.9977	0.9821
67.5	0.9998	0.9261	0.8642	0.9943	0.9923	0.9767	0.9976	0.9799
67.6	0.9998	0.9314	0.8599	0.9948	0.9939	0.9765	0.9975	0.9797
67.7	0.9998	0.9214	0.8638	0.9935	0.9934	0.9731	0.9969	0.9722
67.8	0.9997	0.8757	0.8233	0.9916	0.9907	0.9623	0.9960	0.9698
67.9	0.9997	0.8806	0.8634	0.9923	0.9927	0.9746	0.9958	0.9792
68.0	0.9998	0.8939	0.8740	0.9943	0.9929	0.9772	0.9959	0.9836
68.1	0.9997	0.8909	0.8467	0.9931	0.9899	0.9766	0.9952	0.9777

68.2	0.9997	0.8749	0.8320	0.9934	0.9899	0.9686	0.9957	0.9740
68.3	0.9997	0.8719	0.8828	0.9924	0.9914	0.9703	0.9960	0.9794
68.4	0.9996	0.8288	0.8756	0.9909	0.9892	0.9642	0.9941	0.9744
68.5	0.9998	0.7922	0.8430	0.9950	0.9886	0.9549	0.9938	0.9770
68.6	0.9998	0.8565	0.8982	0.9956	0.9920	0.9694	0.9956	0.9845
68.7	0.9997	0.8512	0.8931	0.9937	0.9864	0.9550	0.9943	0.9776
68.8	0.9998	0.8622	0.8929	0.9943	0.9878	0.9668	0.9946	0.9847
68.9	0.9998	0.8796	0.9242	0.9951	0.9906	0.9808	0.9952	0.9858
69.0	0.9998	0.8816	0.9145	0.9948	0.9909	0.9803	0.9948	0.9862
69.1	0.9997	0.8294	0.8967	0.9933	0.9829	0.9631	0.9923	0.9835
69.2	0.9997	0.8816	0.9243	0.9943	0.9851	0.9590	0.9937	0.9858
69.3	0.9998	0.8997	0.9362	0.9950	0.9877	0.9614	0.9947	0.9861
69.4	0.9997	0.8820	0.9281	0.9941	0.9842	0.9444	0.9935	0.9770
69.5	0.9998	0.8739	0.9328	0.9954	0.9881	0.9491	0.9940	0.9771
69.6	0.9997	0.8833	0.9319	0.9949	0.9877	0.9581	0.9937	0.9745
69.7	0.9997	0.8938	0.9335	0.9952	0.9868	0.9563	0.9936	0.9715
69.8	0.9996	0.8840	0.9301	0.9937	0.9813	0.9614	0.9903	0.9716
69.9	0.9997	0.8937	0.9467	0.9948	0.9851	0.9639	0.9917	0.9755
70.0	0.9997	0.8942	0.9504	0.9955	0.9875	0.9746	0.9933	0.9807
70.1	0.9997	0.8926	0.9478	0.9943	0.9849	0.9758	0.9925	0.9813
70.2	0.9997	0.9000	0.9431	0.9944	0.9806	0.9732	0.9911	0.9764
70.3	0.9996	0.8700	0.9316	0.9942	0.9752	0.9654	0.9879	0.9709
70.4	0.9997	0.9007	0.9422	0.9948	0.9767	0.9673	0.9901	0.9778
70.5	0.9997	0.9082	0.9486	0.9953	0.9798	0.9695	0.9907	0.9796
70.6	0.9997	0.9239	0.9533	0.9966	0.9850	0.9726	0.9926	0.9807
70.7	0.9996	0.8791	0.9401	0.9954	0.9771	0.9757	0.9902	0.9742
70.8	0.9995	0.8718	0.9372	0.9935	0.9733	0.9749	0.9877	0.9722
70.9	0.9997	0.9260	0.9615	0.9951	0.9823	0.9814	0.9917	0.9812
71.0	0.9997	0.9466	0.9693	0.9961	0.9844	0.9803	0.9930	0.9818
71.1	0.9997	0.9427	0.9654	0.9955	0.9797	0.9758	0.9908	0.9799
71.2	0.9997	0.9365	0.9658	0.9957	0.9758	0.9758	0.9897	0.9803
71.3	0.9996	0.9416	0.9658	0.9948	0.9767	0.9748	0.9889	0.9781
71.4	0.9996	0.9434	0.9662	0.9942	0.9804	0.9759	0.9904	0.9787
71.5	0.9996	0.9423	0.9627	0.9952	0.9801	0.9761	0.9889	0.9781
71.6	0.9997	0.9474	0.9656	0.9962	0.9798	0.9742	0.9899	0.9772
71.7	0.9996	0.9391	0.9585	0.9952	0.9745	0.9687	0.9861	0.9703
71.8	0.9995	0.9409	0.9619	0.9940	0.9758	0.9753	0.9861	0.9723
71.9	0.9993	0.9353	0.9559	0.9926	0.9707	0.9641	0.9838	0.9671
72.0	0.9994	0.9493	0.9675	0.9937	0.9749	0.9664	0.9869	0.9708
72.1	0.9993	0.9332	0.9538	0.9918	0.9631	0.9602	0.9792	0.9583
72.2	0.9993	0.9364	0.9524	0.9924	0.9625	0.9630	0.9796	0.9653
72.3	0.9991	0.9204	0.9474	0.9915	0.9570	0.9638	0.9756	0.9637
72.4	0.9992	0.9412	0.9529	0.9912	0.9697	0.9634	0.9812	0.9651
72.5	0.9993	0.9485	0.9576	0.9917	0.9686	0.9554	0.9788	0.9565
72.6	0.9993	0.9464	0.9599	0.9935	0.9677	0.9590	0.9790	0.9582
72.7	0.9995	0.9463	0.9646	0.9952	0.9656	0.9568	0.9789	0.9528
72.8	0.9994	0.9574	0.9673	0.9939	0.9694	0.9622	0.9794	0.9566
72.9	0.9994	0.9661	0.9724	0.9948	0.9778	0.9712	0.9855	0.9660
73.0	0.9993	0.9553	0.9671	0.9941	0.9716	0.9658	0.9817	0.9596
73.1	0.9992	0.9514	0.9669	0.9916	0.9591	0.9566	0.9752	0.9508
73.2	0.9993	0.9551	0.9669	0.9912	0.9696	0.9600	0.9775	0.9498
73.3	0.9994	0.9639	0.9725	0.9924	0.9739	0.9579	0.9804	0.9488
73.4	0.9994	0.9645	0.9685	0.9927	0.9677	0.9501	0.9761	0.9449
73.5	0.9993	0.9606	0.9613	0.9925	0.9678	0.9412	0.9732	0.9313
73.6	0.9991	0.9638	0.9641	0.9911	0.9682	0.9540	0.9752	0.9374
73.7	0.9990	0.9572	0.9679	0.9898	0.9601	0.9507	0.9720	0.9429
73.8	0.9991	0.9585	0.9635	0.9910	0.9575	0.9518	0.9680	0.9459
73.9	0.9988	0.9643	0.9670	0.9887	0.9618	0.9548	0.9701	0.9556
74.0	0.9992	0.9607	0.9623	0.9907	0.9635	0.9398	0.9680	0.9286
74.1	0.9990	0.9645	0.9673	0.9892	0.9549	0.9348	0.9664	0.9325
74.2	0.9987	0.9573	0.9646	0.9877	0.9526	0.9374	0.9628	0.9388
74.3	0.9989	0.9663	0.9672	0.9896	0.9602	0.9336	0.9686	0.9311
74.4	0.9987	0.9573	0.9562	0.9872	0.9484	0.9197	0.9530	0.9203
74.5	0.9990	0.9695	0.9715	0.9904	0.9589	0.9391	0.9633	0.9397
74.6	0.9990	0.9745	0.9757	0.9904	0.9662	0.9396	0.9710	0.9395
74.7	0.9988	0.9614	0.9624	0.9892	0.9472	0.9078	0.9556	0.9197
74.8	0.9991	0.9741	0.9709	0.9907	0.9640	0.9232	0.9683	0.9308
74.9	0.9987	0.9780	0.9767	0.9876	0.9699	0.9155	0.9725	0.9136
75.0	0.9984	0.9732	0.9702	0.9853	0.9614	0.8998	0.9614	0.8970
75.1	0.9983	0.9661	0.9588	0.9849	0.9458	0.8569	0.9414	0.8836
75.2	0.9987	0.9737	0.9675	0.9901	0.9565	0.9020	0.9510	0.8866
75.3	0.9988	0.9699	0.9663	0.9911	0.9491	0.8450	0.9420	0.8900
75.4	0.9989	0.9750	0.9712	0.9903	0.9603	0.8695	0.9517	0.8782
75.5	0.9981	0.9652	0.9662	0.9849	0.9432	0.9052	0.9319	0.8276
75.6	0.9981	0.9556	0.9503	0.9850	0.9229	0.8556	0.8949	0.8009
75.7	0.9986	0.9673	0.9615	0.9897	0.9412	0.8414	0.9083	0.8188
75.8	0.9984	0.9713	0.9682	0.9882	0.9440	0.8511	0.9099	0.7943
75.9	0.9980	0.9689	0.9648	0.9856	0.9422	0.8159	0.9047	0.7492
76.0	0.9978	0.9589	0.9493	0.9848	0.9129	0.6802	0.8317	0.6954
76.1	0.9977	0.9671	0.9532	0.9839	0.9211	0.6433	0.8364	0.7055
76.2	0.9974	0.9708	0.9743	0.9823	0.9209	0.7394	0.8038	0.6275
76.3	0.9978	0.9688	0.9666	0.9849	0.9256	0.7241	0.7661	0.5042
76.4	0.9980	0.9697	0.9651	0.9884	0.9341	0.6811	0.7134	0.3901
76.5	0.9979	0.9726	0.9694	0.9863	0.9416	0.7149	0.6834	0.2078
76.6	0.9980	0.9681	0.9613	0.9866	0.9223	0.7200	0.5563	0.2277
76.7	0.9981	0.9691	0.9575	0.9880	0.9248	0.7153	0.4812	0.2049

76.8	0.9979	0.9717	0.9558	0.9879	0.9222	0.6571	0.3425	0.0402
76.9	0.9970	0.9667	0.9486	0.9843	0.8870	0.6953	0.0861	0.0762
77.0	0.9972	0.9635	0.9412	0.9855	0.8810	0.7722	0.0258	0.1690
77.1	0.9973	0.9760	0.9462	0.9852	0.9123	0.8291	0.3129	0.1557
77.2	0.9977	0.9767	0.9510	0.9875	0.9277	0.8360	0.3574	0.3916
77.3	0.9974	0.9676	0.9426	0.9870	0.8894	0.8286	0.4764	0.4403
77.4	0.9968	0.9664	0.9461	0.9837	0.8705	0.8185	0.5562	0.5294
77.5	0.9968	0.9638	0.9440	0.9841	0.8641	0.8244	0.6893	0.6824
77.6	0.9971	0.9544	0.9372	0.9854	0.8217	0.8612	0.7348	0.7011
77.7	0.9968	0.9479	0.9254	0.9843	0.7929	0.8823	0.7537	0.7597
77.8	0.9959	0.9506	0.9162	0.9807	0.7876	0.8575	0.8333	0.7402
77.9	0.9964	0.9583	0.9280	0.9838	0.7738	0.8467	0.8699	0.7461
78.0	0.9967	0.9565	0.9323	0.9841	0.7798	0.8126	0.8890	0.7698
78.1	0.9971	0.9663	0.9324	0.9862	0.7878	0.8439	0.9128	0.8379
78.2	0.9973	0.9648	0.9453	0.9865	0.8069	0.8578	0.9298	0.8098
78.3	0.9970	0.9589	0.9213	0.9858	0.7331	0.8635	0.9318	0.7703
78.4	0.9976	0.9633	0.9134	0.9877	0.7360	0.8718	0.9316	0.7844
78.5	0.9981	0.9677	0.9188	0.9894	0.8037	0.8918	0.9488	0.7975
78.6	0.9976	0.9679	0.9302	0.9878	0.7780	0.9226	0.9583	0.8410
78.7	0.9978	0.9707	0.9170	0.9889	0.7699	0.9216	0.9588	0.8605
78.8	0.9980	0.9662	0.8823	0.9892	0.7048	0.9146	0.9544	0.8385
78.9	0.9967	0.9581	0.8223	0.9815	0.5629	0.8770	0.9447	0.8137
79.0	0.9961	0.9606	0.8359	0.9792	0.5157	0.8914	0.9556	0.8492
79.1	0.9972	0.9604	0.8704	0.9851	0.6165	0.9228	0.9609	0.8591
79.2	0.9966	0.9600	0.8508	0.9821	0.6292	0.9377	0.9530	0.8553
79.3	0.9976	0.9675	0.8759	0.9846	0.6989	0.9506	0.9667	0.8533
79.4	0.9966	0.9663	0.8243	0.9787	0.6836	0.9095	0.9605	0.7619
79.5	0.9965	0.9566	0.8328	0.9812	0.6417	0.9198	0.9675	0.7901
79.6	0.9974	0.9565	0.8244	0.9838	0.5584	0.9276	0.9695	0.7758
79.7	0.9973	0.9692	0.8679	0.9837	0.7010	0.9246	0.9723	0.7862
79.8	0.9970	0.9737	0.8451	0.9808	0.7069	0.9274	0.9745	0.7874
79.9	0.9968	0.9655	0.8550	0.9794	0.5388	0.9229	0.9645	0.7327
80.0	0.9977	0.9668	0.8959	0.9864	0.6768	0.9219	0.9674	0.7764

2.2.50 Run 5 – VTC – Accels 9–16

Vertical shaking on center. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0590	0.6140	0.2142	0.3967	0.1830	0.0238	0.1816	0.4679
0.1	0.0248	0.0688	0.0496	0.0284	0.0056	0.0242	0.0280	0.0298
0.2	0.0000	0.0426	0.0090	0.0100	0.0200	0.0008	0.0062	0.0019
0.3	0.0287	0.0101	0.0017	0.0021	0.0004	0.0007	0.0333	0.0310
0.4	0.0015	0.0022	0.0174	0.0061	0.0049	0.0033	0.0502	0.0381
0.5	0.0833	0.0110	0.0162	0.0360	0.0150	0.0126	0.0029	0.0036
0.6	0.0466	0.0845	0.0300	0.0262	0.0116	0.0011	0.0109	0.0005
0.7	0.0066	0.0684	0.0045	0.0116	0.0421	0.0164	0.0387	0.0584
0.8	0.0179	0.1754	0.0605	0.0755	0.0138	0.0358	0.0194	0.0267
0.9	0.0515	0.4984	0.0139	0.1339	0.0230	0.0318	0.0357	0.0203
1.0	0.0612	0.7084	0.0175	0.0767	0.3465	0.0391	0.0885	0.1216
1.1	0.0154	0.7628	0.0036	0.0862	0.4018	0.0095	0.0772	0.1040
1.2	0.0527	0.8395	0.0018	0.1136	0.4801	0.0024	0.0404	0.1204
1.3	0.0568	0.8545	0.0111	0.2480	0.4355	0.0062	0.1262	0.2364
1.4	0.1834	0.8254	0.0005	0.0810	0.5090	0.0135	0.0753	0.3929
1.5	0.2020	0.9150	0.0389	0.1187	0.7096	0.0215	0.0840	0.5332
1.6	0.2444	0.9405	0.3260	0.3580	0.7738	0.0407	0.3708	0.6963
1.7	0.1901	0.9085	0.3544	0.5830	0.7590	0.0025	0.5942	0.5901
1.8	0.3332	0.8524	0.3759	0.5838	0.8085	0.1399	0.5030	0.5890
1.9	0.5216	0.7798	0.5674	0.6223	0.8164	0.5238	0.6167	0.6734
2.0	0.7220	0.8888	0.8196	0.7208	0.8819	0.7367	0.7304	0.8684
2.1	0.5541	0.8105	0.8096	0.5499	0.9155	0.7238	0.5622	0.8885
2.2	0.3715	0.6535	0.6175	0.3644	0.8865	0.5503	0.3403	0.8918
2.3	0.3666	0.5935	0.5541	0.2097	0.8447	0.5377	0.2127	0.8452
2.4	0.5537	0.4052	0.4394	0.5458	0.6997	0.4335	0.5264	0.7200
2.5	0.3742	0.6788	0.7020	0.7369	0.8173	0.6969	0.7796	0.8542
2.6	0.2765	0.8578	0.8278	0.6786	0.9186	0.8309	0.6719	0.9403
2.7	0.2290	0.8686	0.8024	0.5028	0.9367	0.8180	0.5596	0.9420
2.8	0.1439	0.8956	0.7392	0.4781	0.9610	0.6934	0.4431	0.9665
2.9	0.0947	0.8878	0.7558	0.4342	0.9754	0.7163	0.4539	0.9785
3.0	0.0947	0.8352	0.6731	0.3733	0.9776	0.6501	0.4003	0.9726
3.1	0.0331	0.8175	0.5141	0.2720	0.9819	0.5418	0.3748	0.9778
3.2	0.0099	0.6850	0.3086	0.0822	0.9654	0.3427	0.1120	0.9660
3.3	0.0203	0.6056	0.6174	0.2205	0.9674	0.5443	0.1894	0.9727
3.4	0.0853	0.4565	0.7090	0.2680	0.9715	0.5676	0.3156	0.9729
3.5	0.0536	0.3043	0.5271	0.1020	0.9485	0.4725	0.2530	0.9456
3.6	0.0071	0.1327	0.2045	0.0490	0.8762	0.3774	0.0350	0.8415
3.7	0.0403	0.7455	0.1908	0.2754	0.9606	0.1309	0.1882	0.9520
3.8	0.0809	0.9646	0.6296	0.5785	0.9936	0.5102	0.4264	0.9938
3.9	0.0174	0.9684	0.8725	0.6760	0.9975	0.8253	0.6313	0.9973
4.0	0.1695	0.9562	0.9246	0.8057	0.9984	0.9207	0.8076	0.9981
4.1	0.3320	0.9750	0.9193	0.9113	0.9981	0.9133	0.8847	0.9976
4.2	0.2295	0.9713	0.8666	0.8953	0.9975	0.8712	0.8382	0.9975
4.3	0.2331	0.9422	0.7832	0.7970	0.9964	0.8023	0.8294	0.9969
4.4	0.3684	0.9057	0.7455	0.8405	0.9970	0.7531	0.8035	0.9977
4.5	0.2976	0.7437	0.6625	0.8396	0.9959	0.6356	0.7493	0.9963
4.6	0.4867	0.7916	0.7005	0.8006	0.9972	0.6000	0.7404	0.9970
4.7	0.6607	0.7156	0.6083	0.7522	0.9956	0.3981	0.7645	0.9956
4.8	0.5659	0.7894	0.4791	0.5079	0.9935	0.2585	0.5862	0.9942
4.9	0.5536	0.7770	0.5845	0.4047	0.9950	0.4113	0.4875	0.9939
5.0	0.3752	0.8096	0.6370	0.3667	0.9920	0.5833	0.3092	0.9905
5.1	0.4724	0.8389	0.7183	0.6002	0.9958	0.6475	0.4499	0.9952
5.2	0.4872	0.6099	0.7205	0.5698	0.9936	0.6974	0.4589	0.9939
5.3	0.2024	0.3688	0.7213	0.3550	0.9950	0.6932	0.3153	0.9953
5.4	0.0864	0.4224	0.2910	0.1582	0.9846	0.2664	0.1327	0.9828
5.5	0.2034	0.6999	0.0878	0.3426	0.9800	0.0670	0.2192	0.9814
5.6	0.0741	0.7572	0.0877	0.4666	0.9918	0.2023	0.3944	0.9906
5.7	0.1601	0.8525	0.2247	0.5506	0.9909	0.2797	0.4733	0.9901
5.8	0.5754	0.9150	0.6544	0.5488	0.9939	0.6030	0.4449	0.9933
5.9	0.8073	0.9398	0.8216	0.4150	0.9971	0.8042	0.4830	0.9969
6.0	0.8952	0.8727	0.9103	0.4119	0.9945	0.8737	0.6836	0.9943
6.1	0.9410	0.8532	0.9033	0.7043	0.9916	0.8765	0.8238	0.9912
6.2	0.9626	0.9643	0.9431	0.9021	0.9957	0.9344	0.8937	0.9957
6.3	0.9571	0.9588	0.9656	0.9452	0.9921	0.9519	0.9356	0.9920
6.4	0.9705	0.9751	0.9707	0.9725	0.9935	0.9618	0.9439	0.9934
6.5	0.9733	0.9603	0.9566	0.9621	0.9886	0.9397	0.9246	0.9886
6.6	0.9643	0.9654	0.9518	0.9714	0.9880	0.9312	0.9207	0.9879
6.7	0.9587	0.9628	0.9485	0.9734	0.9826	0.9371	0.8737	0.9826
6.8	0.9633	0.9573	0.9537	0.9770	0.9767	0.9398	0.6930	0.9768
6.9	0.9313	0.9094	0.9204	0.9463	0.9430	0.8971	0.6207	0.9431
7.0	0.9376	0.9256	0.9307	0.9337	0.9432	0.9126	0.8443	0.9431
7.1	0.9077	0.8973	0.8907	0.8800	0.9096	0.8723	0.7135	0.9095
7.2	0.9168	0.8994	0.8623	0.7530	0.9011	0.8308	0.4171	0.9010
7.3	0.9581	0.9511	0.9364	0.7778	0.9488	0.9099	0.2156	0.9489
7.4	0.9375	0.9479	0.9397	0.7664	0.9390	0.9286	0.3987	0.9391
7.5	0.9519	0.9681	0.9361	0.7833	0.9552	0.9261	0.7745	0.9552
7.6	0.9737	0.9890	0.9408	0.8976	0.9819	0.9177	0.8812	0.9820
7.7	0.9788	0.9936	0.9113	0.8796	0.9870	0.8812	0.8515	0.9871
7.8	0.9871	0.9980	0.9207	0.8076	0.9963	0.8890	0.8861	0.9963
7.9	0.9834	0.9974	0.9461	0.7753	0.9971	0.9245	0.9325	0.9970

8.0	0.9741	0.9973	0.9454	0.6829	0.9949	0.9242	0.8487	0.9949
8.1	0.9818	0.9985	0.9346	0.8265	0.9981	0.9089	0.8550	0.9980
8.2	0.9841	0.9973	0.9138	0.7846	0.9969	0.8767	0.9401	0.9969
8.3	0.9897	0.9985	0.9424	0.7018	0.9982	0.9189	0.9641	0.9982
8.4	0.9905	0.9986	0.9422	0.6770	0.9989	0.9178	0.9493	0.9989
8.5	0.9872	0.9980	0.9448	0.6997	0.9987	0.9184	0.9531	0.9988
8.6	0.9869	0.9981	0.9445	0.7412	0.9991	0.9174	0.9580	0.9991
8.7	0.9877	0.9949	0.9539	0.7643	0.9972	0.9371	0.9278	0.9973
8.8	0.9887	0.9956	0.9483	0.8378	0.9966	0.9327	0.9508	0.9966
8.9	0.9840	0.9944	0.9599	0.9036	0.9956	0.9386	0.9296	0.9957
9.0	0.9668	0.9865	0.9366	0.8772	0.9859	0.9128	0.9230	0.9859
9.1	0.9758	0.9890	0.9543	0.8001	0.9886	0.9347	0.9334	0.9886
9.2	0.9693	0.9751	0.9435	0.8813	0.9773	0.9247	0.9274	0.9772
9.3	0.9465	0.9634	0.9360	0.9137	0.9630	0.9180	0.9457	0.9630
9.4	0.9219	0.9451	0.9136	0.9024	0.9415	0.8965	0.9485	0.9412
9.5	0.9426	0.9580	0.9190	0.9459	0.9534	0.9005	0.9516	0.9535
9.6	0.9351	0.9615	0.9118	0.9592	0.9576	0.8979	0.9361	0.9570
9.7	0.9207	0.9453	0.8783	0.9552	0.9424	0.8360	0.9195	0.9413
9.8	0.9480	0.9694	0.8997	0.9534	0.9712	0.8785	0.9213	0.9702
9.9	0.9211	0.9715	0.8853	0.8243	0.9749	0.8539	0.9038	0.9736
10.0	0.8916	0.9637	0.8225	0.5383	0.9742	0.7691	0.8838	0.9719
10.1	0.8612	0.9409	0.7600	0.7113	0.9634	0.7325	0.8953	0.9602
10.2	0.8574	0.9564	0.6966	0.9091	0.9793	0.6351	0.8727	0.9770
10.3	0.7651	0.9693	0.7623	0.9207	0.9856	0.6982	0.8989	0.9798
10.4	0.7606	0.9831	0.8368	0.9518	0.9898	0.8211	0.9436	0.9836
10.5	0.7414	0.9898	0.8555	0.9541	0.9870	0.8629	0.9531	0.9844
10.6	0.5458	0.9867	0.7514	0.9291	0.9646	0.7401	0.9381	0.9627
10.7	0.6168	0.9792	0.7366	0.9361	0.9556	0.7942	0.9372	0.9606
10.8	0.7229	0.9856	0.7855	0.9276	0.9509	0.8250	0.9436	0.9576
10.9	0.6628	0.9861	0.7758	0.9060	0.9664	0.7703	0.9253	0.9713
11.0	0.5004	0.9872	0.6417	0.9180	0.9806	0.7313	0.9259	0.9836
11.1	0.6021	0.9873	0.6280	0.9115	0.9827	0.7299	0.9332	0.9818
11.2	0.7103	0.9919	0.6993	0.9353	0.9885	0.7072	0.9373	0.9887
11.3	0.6519	0.9943	0.6282	0.9413	0.9936	0.6639	0.9408	0.9935
11.4	0.6364	0.9944	0.4831	0.9213	0.9940	0.6672	0.9285	0.9936
11.5	0.7119	0.9917	0.5146	0.8851	0.9944	0.7417	0.8903	0.9949
11.6	0.6328	0.9913	0.4269	0.8631	0.9948	0.6382	0.8596	0.9948
11.7	0.7100	0.9943	0.3634	0.8820	0.9964	0.6254	0.8936	0.9964
11.8	0.7648	0.9948	0.3406	0.8952	0.9969	0.6720	0.9111	0.9974
11.9	0.7329	0.9964	0.2857	0.9084	0.9968	0.7262	0.9188	0.9966
12.0	0.7165	0.9965	0.3560	0.9228	0.9952	0.7435	0.9379	0.9952
12.1	0.6849	0.9963	0.3999	0.9128	0.9968	0.6979	0.9315	0.9972
12.2	0.7160	0.9965	0.2465	0.9181	0.9967	0.6138	0.9198	0.9980
12.3	0.7793	0.9946	0.1496	0.8937	0.9967	0.5744	0.8920	0.9982
12.4	0.8102	0.9955	0.1774	0.9018	0.9972	0.6609	0.9107	0.9980
12.5	0.8436	0.9971	0.1550	0.9488	0.9974	0.7309	0.9522	0.9985
12.6	0.8502	0.9966	0.2381	0.9499	0.9978	0.7493	0.9410	0.9987
12.7	0.8694	0.9963	0.3459	0.9546	0.9977	0.7576	0.9502	0.9986
12.8	0.8622	0.9975	0.1577	0.9658	0.9975	0.7968	0.9656	0.9987
12.9	0.9015	0.9973	0.0822	0.9640	0.9979	0.8808	0.9628	0.9991
13.0	0.8405	0.9964	0.0411	0.9638	0.9968	0.8855	0.9595	0.9988
13.1	0.6813	0.9977	0.1005	0.9701	0.9972	0.8618	0.9686	0.9988
13.2	0.7212	0.9969	0.0698	0.9665	0.9972	0.8393	0.9618	0.9987
13.3	0.7462	0.9948	0.0442	0.9573	0.9965	0.7875	0.9570	0.9984
13.4	0.8536	0.9955	0.1429	0.9607	0.9972	0.8221	0.9576	0.9980
13.5	0.9297	0.9963	0.0168	0.9637	0.9971	0.8316	0.9560	0.9978
13.6	0.9451	0.9968	0.2981	0.9722	0.9975	0.8679	0.9647	0.9986
13.7	0.9524	0.9971	0.4577	0.9717	0.9968	0.8286	0.9639	0.9979
13.8	0.9499	0.9962	0.6419	0.9601	0.9954	0.8361	0.9562	0.9973
13.9	0.9432	0.9949	0.6614	0.9567	0.9927	0.8023	0.9575	0.9970
14.0	0.9667	0.9957	0.8178	0.9658	0.9947	0.8291	0.9622	0.9975
14.1	0.9701	0.9963	0.8017	0.9699	0.9933	0.8113	0.9691	0.9968
14.2	0.9711	0.9955	0.7646	0.9711	0.9918	0.7736	0.9723	0.9960
14.3	0.9731	0.9953	0.7285	0.9749	0.9929	0.7400	0.9716	0.9955
14.4	0.9749	0.9958	0.7835	0.9756	0.9937	0.7539	0.9724	0.9955
14.5	0.9603	0.9911	0.7473	0.9635	0.9897	0.6534	0.9510	0.9935
14.6	0.9743	0.9945	0.8204	0.9788	0.9893	0.7582	0.9694	0.9952
14.7	0.9726	0.9945	0.8384	0.9795	0.9894	0.8256	0.9774	0.9938
14.8	0.9592	0.9901	0.8769	0.9671	0.9862	0.8725	0.9603	0.9924
14.9	0.9642	0.9898	0.8987	0.9644	0.9899	0.8757	0.9594	0.9931
15.0	0.9627	0.9863	0.8579	0.9420	0.9883	0.8336	0.9339	0.9922
15.1	0.9474	0.9739	0.7855	0.9127	0.9873	0.7882	0.8968	0.9861
15.2	0.9259	0.9687	0.7667	0.8509	0.9871	0.8021	0.8167	0.9856
15.3	0.9233	0.9715	0.8248	0.7646	0.9872	0.8547	0.6700	0.9915
15.4	0.9208	0.9817	0.9151	0.7455	0.9888	0.8744	0.6979	0.9926
15.5	0.8995	0.9799	0.9133	0.6605	0.9844	0.8789	0.6695	0.9908
15.6	0.7812	0.9607	0.8806	0.6527	0.9609	0.8635	0.6715	0.9869
15.7	0.7705	0.9684	0.9366	0.7954	0.9493	0.9264	0.7964	0.9816
15.8	0.8984	0.9769	0.9619	0.8968	0.9649	0.9548	0.8931	0.9743
15.9	0.9376	0.9857	0.9802	0.9278	0.9649	0.9670	0.9249	0.9685
16.0	0.9113	0.9741	0.9639	0.8925	0.9543	0.9522	0.8913	0.9101
16.1	0.9525	0.9812	0.9809	0.9213	0.9609	0.9704	0.9167	0.8006
16.2	0.9721	0.9886	0.9807	0.9490	0.9518	0.9753	0.9439	0.3688
16.3	0.9828	0.9944	0.9875	0.9666	0.9469	0.9814	0.9663	0.6633
16.4	0.9870	0.9945	0.9881	0.9772	0.9180	0.9857	0.9765	0.8264
16.5	0.9773	0.9807	0.9697	0.9808	0.8640	0.9738	0.9796	0.8332

16.6	0.9804	0.9796	0.9809	0.9732	0.9539	0.9815	0.9694	0.9454
16.7	0.9857	0.9864	0.9845	0.9628	0.9707	0.9845	0.9559	0.9680
16.8	0.9834	0.9899	0.9754	0.9560	0.9636	0.9721	0.9430	0.9555
16.9	0.9700	0.9759	0.9560	0.9497	0.9535	0.9541	0.9338	0.9480
17.0	0.9653	0.9723	0.9610	0.9585	0.9688	0.9614	0.9382	0.9649
17.1	0.9395	0.9651	0.9642	0.9316	0.9762	0.9656	0.8918	0.9723
17.2	0.9596	0.9878	0.9871	0.9116	0.9868	0.9860	0.8684	0.9875
17.3	0.9602	0.9895	0.9853	0.8997	0.9857	0.9844	0.8345	0.9858
17.4	0.9577	0.9909	0.9894	0.8696	0.9883	0.9880	0.6518	0.9886
17.5	0.9510	0.9924	0.9920	0.8701	0.9903	0.9921	0.3648	0.9918
17.6	0.9398	0.9946	0.9940	0.9091	0.9908	0.9940	0.4950	0.9929
17.7	0.9387	0.9949	0.9942	0.9239	0.9904	0.9943	0.5833	0.9917
17.8	0.9344	0.9943	0.9935	0.8808	0.9883	0.9931	0.5732	0.9899
17.9	0.9391	0.9964	0.9952	0.8786	0.9898	0.9940	0.6504	0.9915
18.0	0.9516	0.9949	0.9942	0.8911	0.9878	0.9932	0.6920	0.9897
18.1	0.9620	0.9953	0.9935	0.8599	0.9896	0.9943	0.7053	0.9914
18.2	0.9714	0.9959	0.9930	0.8614	0.9874	0.9933	0.7591	0.9890
18.3	0.9762	0.9957	0.9920	0.9004	0.9877	0.9931	0.8259	0.9893
18.4	0.9761	0.9950	0.9871	0.9011	0.9801	0.9868	0.8426	0.9816
18.5	0.9588	0.9941	0.9779	0.8917	0.9587	0.9736	0.8605	0.9570
18.6	0.9516	0.9926	0.9788	0.9189	0.9684	0.9759	0.8841	0.9665
18.7	0.9411	0.9901	0.9796	0.9120	0.9757	0.9774	0.8603	0.9750
18.8	0.9141	0.9926	0.9897	0.9296	0.9837	0.9894	0.8807	0.9851
18.9	0.8906	0.9898	0.9888	0.9325	0.9854	0.9886	0.8969	0.9864
19.0	0.9148	0.9940	0.9909	0.9500	0.9866	0.9895	0.9294	0.9883
19.1	0.9124	0.9923	0.9898	0.9631	0.9860	0.9888	0.9527	0.9865
19.2	0.9093	0.9927	0.9908	0.9706	0.9861	0.9905	0.9625	0.9870
19.3	0.8726	0.9877	0.9881	0.9486	0.9819	0.9834	0.9366	0.9808
19.4	0.8817	0.9850	0.9844	0.9587	0.9782	0.9785	0.9500	0.9732
19.5	0.9494	0.9917	0.9867	0.9740	0.9827	0.9849	0.9574	0.9807
19.6	0.9712	0.9945	0.9854	0.9715	0.9806	0.9848	0.9606	0.9791
19.7	0.9783	0.9946	0.9860	0.9705	0.9858	0.9841	0.9652	0.9850
19.8	0.9829	0.9957	0.9869	0.9709	0.9873	0.9830	0.9574	0.9866
19.9	0.9791	0.9935	0.9768	0.9452	0.9815	0.9734	0.9360	0.9771
20.0	0.9863	0.9946	0.9734	0.9273	0.9809	0.9779	0.9289	0.9788
20.1	0.9832	0.9946	0.9744	0.9073	0.9766	0.9815	0.8869	0.9700
20.2	0.9827	0.9956	0.9735	0.8494	0.9791	0.9759	0.8266	0.9710
20.3	0.9865	0.9959	0.9680	0.8711	0.9753	0.9672	0.8336	0.9674
20.4	0.9882	0.9958	0.9547	0.7994	0.9738	0.9624	0.7675	0.9645
20.5	0.9873	0.9953	0.9175	0.6698	0.9638	0.9370	0.6147	0.9534
20.6	0.9850	0.9963	0.8626	0.4778	0.9523	0.8945	0.3702	0.9290
20.7	0.9809	0.9944	0.6106	0.2648	0.8951	0.6674	0.2157	0.8316
20.8	0.9807	0.9951	0.5674	0.1456	0.8653	0.2720	0.1440	0.7225
20.9	0.9840	0.9942	0.6986	0.2152	0.8434	0.3443	0.2047	0.6646
21.0	0.9800	0.9939	0.7627	0.2424	0.7476	0.5693	0.2286	0.6108
21.1	0.9740	0.9939	0.8337	0.0983	0.7502	0.7459	0.0798	0.7907
21.2	0.9726	0.9941	0.8911	0.0694	0.8211	0.8820	0.0649	0.8887
21.3	0.9512	0.9908	0.9119	0.1725	0.8846	0.9011	0.1636	0.9161
21.4	0.9538	0.9895	0.9664	0.2688	0.9603	0.9469	0.2359	0.9629
21.5	0.9573	0.9879	0.9765	0.3229	0.9731	0.9715	0.2981	0.9743
21.6	0.9529	0.9860	0.9772	0.3991	0.9769	0.9763	0.3772	0.9790
21.7	0.9398	0.9869	0.9764	0.3365	0.9727	0.9699	0.3177	0.9726
21.8	0.9431	0.9854	0.9818	0.2908	0.9777	0.9783	0.2720	0.9813
21.9	0.9282	0.9808	0.9833	0.3709	0.9783	0.9789	0.3675	0.9807
22.0	0.9241	0.9725	0.9882	0.3390	0.9870	0.9843	0.3475	0.9855
22.1	0.9081	0.9725	0.9860	0.3778	0.9878	0.9852	0.3842	0.9873
22.2	0.9185	0.9788	0.9927	0.1881	0.9938	0.9889	0.2273	0.9923
22.3	0.8790	0.9747	0.9932	0.0927	0.9926	0.9909	0.1475	0.9940
22.4	0.9037	0.9799	0.9955	0.1144	0.9938	0.9947	0.1730	0.9964
22.5	0.9076	0.9797	0.9964	0.0391	0.9942	0.9942	0.1074	0.9966
22.6	0.8309	0.9796	0.9934	0.0667	0.9914	0.9922	0.1512	0.9948
22.7	0.8186	0.9792	0.9926	0.0685	0.9913	0.9936	0.1362	0.9964
22.8	0.8277	0.9801	0.9944	0.0734	0.9914	0.9945	0.0876	0.9967
22.9	0.8366	0.9806	0.9950	0.1778	0.9913	0.9942	0.1024	0.9966
23.0	0.8598	0.9787	0.9937	0.3186	0.9917	0.9925	0.2146	0.9963
23.1	0.8462	0.9763	0.9935	0.4536	0.9922	0.9943	0.3253	0.9970
23.2	0.8679	0.9845	0.9966	0.5335	0.9964	0.9967	0.3866	0.9986
23.3	0.8127	0.9840	0.9966	0.5409	0.9951	0.9953	0.3839	0.9979
23.4	0.8157	0.9890	0.9977	0.7021	0.9969	0.9967	0.5854	0.9984
23.5	0.7634	0.9862	0.9968	0.7415	0.9959	0.9966	0.6459	0.9980
23.6	0.6272	0.9853	0.9964	0.7494	0.9953	0.9958	0.6670	0.9978
23.7	0.5822	0.9898	0.9964	0.8179	0.9959	0.9960	0.7646	0.9978
23.8	0.5392	0.9921	0.9969	0.8271	0.9962	0.9968	0.7980	0.9978
23.9	0.5744	0.9945	0.9964	0.8597	0.9957	0.9957	0.8441	0.9974
24.0	0.7669	0.9927	0.9972	0.8717	0.9964	0.9969	0.8696	0.9978
24.1	0.8705	0.9911	0.9967	0.8751	0.9956	0.9963	0.8840	0.9968
24.2	0.8664	0.9905	0.9963	0.8520	0.9959	0.9962	0.8580	0.9970
24.3	0.8278	0.9831	0.9914	0.7663	0.9908	0.9923	0.7936	0.9931
24.4	0.8810	0.9834	0.9830	0.7520	0.9821	0.9841	0.7948	0.9856
24.5	0.9441	0.9917	0.9771	0.7492	0.9737	0.9761	0.8031	0.9783
24.6	0.9494	0.9930	0.9855	0.6944	0.9850	0.9859	0.7777	0.9874
24.7	0.9407	0.9931	0.9895	0.6871	0.9901	0.9897	0.8059	0.9912
24.8	0.9541	0.9941	0.9939	0.6300	0.9942	0.9926	0.8024	0.9945
24.9	0.9399	0.9902	0.9951	0.5589	0.9951	0.9939	0.7751	0.9957
25.0	0.9502	0.9911	0.9959	0.6315	0.9959	0.9955	0.8362	0.9975
25.1	0.9609	0.9912	0.9961	0.5728	0.9955	0.9955	0.8314	0.9977

25.2	0.9574	0.9858	0.9902	0.5068	0.9881	0.9904	0.7985	0.9932
25.3	0.9469	0.9768	0.9808	0.5179	0.9772	0.9828	0.8197	0.9860
25.4	0.9300	0.9634	0.9649	0.3315	0.9585	0.9662	0.7699	0.9729
25.5	0.9291	0.9504	0.9544	0.4234	0.9447	0.9556	0.8125	0.9645
25.6	0.9136	0.9569	0.9708	0.2069	0.9677	0.9714	0.7833	0.9774
25.7	0.9496	0.9821	0.9907	0.4223	0.9896	0.9908	0.8748	0.9929
25.8	0.9699	0.9869	0.9951	0.5088	0.9945	0.9956	0.8882	0.9956
25.9	0.9737	0.9893	0.9968	0.6663	0.9969	0.9965	0.9161	0.9971
26.0	0.9630	0.9820	0.9945	0.7139	0.9956	0.9949	0.9235	0.9954
26.1	0.9424	0.9748	0.9955	0.7660	0.9966	0.9950	0.9195	0.9960
26.2	0.9575	0.9558	0.9975	0.7944	0.9982	0.9974	0.9387	0.9979
26.3	0.9589	0.9334	0.9981	0.8395	0.9985	0.9976	0.9340	0.9982
26.4	0.9751	0.9110	0.9981	0.9325	0.9988	0.9981	0.9633	0.9986
26.5	0.9808	0.8774	0.9987	0.9317	0.9985	0.9983	0.9512	0.9986
26.6	0.9781	0.5793	0.9988	0.8839	0.9950	0.9984	0.9015	0.9985
26.7	0.9790	0.4074	0.9986	0.9354	0.9952	0.9988	0.9346	0.9975
26.8	0.9623	0.6060	0.9976	0.9388	0.9937	0.9981	0.9283	0.9962
26.9	0.9619	0.7849	0.9977	0.9421	0.9949	0.9982	0.9175	0.9972
27.0	0.9494	0.8761	0.9984	0.9697	0.9969	0.9984	0.9349	0.9978
27.1	0.9630	0.9210	0.9990	0.9827	0.9985	0.9990	0.9638	0.9988
27.2	0.9639	0.9619	0.9992	0.9884	0.9989	0.9990	0.9716	0.9993
27.3	0.9294	0.9677	0.9990	0.9880	0.9986	0.9988	0.9642	0.9991
27.4	0.9053	0.9762	0.9992	0.9876	0.9993	0.9991	0.9485	0.9993
27.5	0.9129	0.9818	0.9993	0.9883	0.9994	0.9992	0.9607	0.9995
27.6	0.8780	0.9772	0.9989	0.9858	0.9989	0.9987	0.9561	0.9992
27.7	0.7544	0.9714	0.9984	0.9834	0.9984	0.9986	0.9474	0.9990
27.8	0.7150	0.9762	0.9989	0.9836	0.9989	0.9991	0.9475	0.9992
27.9	0.8271	0.9806	0.9988	0.9863	0.9988	0.9989	0.9664	0.9990
28.0	0.7749	0.9772	0.9983	0.9778	0.9983	0.9983	0.9389	0.9982
28.1	0.8482	0.9810	0.9987	0.9795	0.9985	0.9983	0.9354	0.9980
28.2	0.8648	0.9848	0.9989	0.9769	0.9984	0.9990	0.9309	0.9989
28.3	0.6775	0.9808	0.9985	0.9727	0.9982	0.9983	0.9242	0.9990
28.4	0.6203	0.9797	0.9986	0.9667	0.9986	0.9981	0.9113	0.9989
28.5	0.8373	0.9835	0.9982	0.9639	0.9982	0.9981	0.8889	0.9985
28.6	0.9063	0.9874	0.9985	0.9539	0.9986	0.9983	0.8833	0.9988
28.7	0.9087	0.9841	0.9982	0.9579	0.9984	0.9981	0.8451	0.9985
28.8	0.9110	0.9854	0.9979	0.9667	0.9987	0.9978	0.8428	0.9984
28.9	0.9241	0.9798	0.9975	0.9570	0.9982	0.9974	0.6995	0.9980
29.0	0.9222	0.9819	0.9974	0.9546	0.9976	0.9967	0.5298	0.9975
29.1	0.9186	0.9854	0.9970	0.9717	0.9974	0.9970	0.3977	0.9972
29.2	0.9269	0.9813	0.9969	0.9691	0.9974	0.9970	0.2614	0.9972
29.3	0.9238	0.9837	0.9970	0.9761	0.9973	0.9969	0.2991	0.9971
29.4	0.9323	0.9872	0.9969	0.9749	0.9968	0.9969	0.3431	0.9970
29.5	0.9390	0.9854	0.9968	0.9706	0.9966	0.9962	0.4166	0.9967
29.6	0.9684	0.9889	0.9975	0.9721	0.9974	0.9971	0.4479	0.9974
29.7	0.9754	0.9891	0.9977	0.9766	0.9979	0.9978	0.5227	0.9980
29.8	0.9533	0.9848	0.9960	0.9497	0.9961	0.9964	0.4835	0.9962
29.9	0.9346	0.9733	0.9911	0.8661	0.9891	0.9907	0.2225	0.9914
30.0	0.9608	0.9826	0.9943	0.9126	0.9930	0.9948	0.3743	0.9946
30.1	0.9841	0.9925	0.9975	0.9747	0.9976	0.9977	0.7850	0.9975
30.2	0.9787	0.9928	0.9973	0.9721	0.9977	0.9974	0.7665	0.9969
30.3	0.9871	0.9930	0.9979	0.9778	0.9980	0.9978	0.8050	0.9976
30.4	0.9891	0.9934	0.9981	0.9785	0.9978	0.9983	0.8467	0.9982
30.5	0.9867	0.9925	0.9975	0.9697	0.9972	0.9977	0.8153	0.9976
30.6	0.9865	0.9922	0.9962	0.9592	0.9957	0.9964	0.8095	0.9962
30.7	0.9888	0.9942	0.9965	0.9682	0.9964	0.9966	0.8101	0.9965
30.8	0.9873	0.9924	0.9958	0.9483	0.9959	0.9958	0.7688	0.9960
30.9	0.9886	0.9939	0.9963	0.9425	0.9966	0.9959	0.7154	0.9965
31.0	0.9877	0.9940	0.9962	0.9443	0.9971	0.9962	0.7839	0.9970
31.1	0.9846	0.9955	0.9963	0.9285	0.9971	0.9967	0.8155	0.9969
31.2	0.9856	0.9952	0.9960	0.9111	0.9969	0.9962	0.8163	0.9964
31.3	0.9900	0.9932	0.9953	0.8771	0.9964	0.9967	0.7688	0.9965
31.4	0.9904	0.9914	0.9951	0.8605	0.9954	0.9952	0.7451	0.9961
31.5	0.9854	0.9882	0.9926	0.8361	0.9947	0.9932	0.7693	0.9949
31.6	0.9918	0.9908	0.9926	0.8143	0.9954	0.9956	0.8000	0.9949
31.7	0.9916	0.9900	0.9945	0.8086	0.9968	0.9964	0.8257	0.9956
31.8	0.9905	0.9844	0.9915	0.7528	0.9945	0.9940	0.8179	0.9941
31.9	0.9916	0.9857	0.9915	0.7461	0.9946	0.9947	0.8416	0.9938
32.0	0.9910	0.9740	0.9907	0.6675	0.9957	0.9960	0.8084	0.9944
32.1	0.9940	0.9792	0.9915	0.5592	0.9964	0.9963	0.7973	0.9944
32.2	0.9949	0.9790	0.9913	0.5056	0.9966	0.9955	0.7796	0.9936
32.3	0.9939	0.9661	0.9854	0.5156	0.9947	0.9953	0.7480	0.9939
32.4	0.9922	0.9688	0.9854	0.6140	0.9953	0.9958	0.7673	0.9925
32.5	0.9929	0.9829	0.9901	0.6425	0.9973	0.9938	0.7499	0.9872
32.6	0.9915	0.9786	0.9889	0.6878	0.9969	0.9930	0.7578	0.9837
32.7	0.9934	0.9846	0.9923	0.7279	0.9977	0.9959	0.7762	0.9877
32.8	0.9913	0.9845	0.9920	0.7524	0.9972	0.9937	0.7576	0.9822
32.9	0.9914	0.9874	0.9939	0.7141	0.9981	0.9935	0.6683	0.9855
33.0	0.9907	0.9911	0.9943	0.7650	0.9984	0.9934	0.7080	0.9841
33.1	0.9895	0.9920	0.9957	0.8269	0.9984	0.9942	0.7565	0.9881
33.2	0.9917	0.9942	0.9954	0.8541	0.9977	0.9930	0.8006	0.9918
33.3	0.9900	0.9950	0.9961	0.8754	0.9984	0.9959	0.8293	0.9945
33.4	0.9659	0.9899	0.9929	0.8516	0.9978	0.9927	0.8051	0.9882
33.5	0.9558	0.9923	0.9949	0.8921	0.9983	0.9949	0.8314	0.9932
33.6	0.9443	0.9927	0.9955	0.9247	0.9981	0.9944	0.8829	0.9934
33.7	0.9490	0.9913	0.9960	0.9379	0.9979	0.9959	0.8920	0.9951

33.8	0.9179	0.9831	0.9969	0.9123	0.9985	0.9970	0.8226	0.9956
33.9	0.9199	0.9768	0.9982	0.8982	0.9985	0.9979	0.6701	0.9974
34.0	0.9545	0.9739	0.9984	0.9240	0.9984	0.9976	0.6298	0.9971
34.1	0.9817	0.9815	0.9987	0.9371	0.9986	0.9979	0.7005	0.9975
34.2	0.9917	0.9874	0.9981	0.9292	0.9983	0.9978	0.7198	0.9971
34.3	0.9919	0.9897	0.9984	0.9064	0.9982	0.9981	0.6410	0.9967
34.4	0.9907	0.9823	0.9976	0.8705	0.9973	0.9968	0.5575	0.9950
34.5	0.9954	0.9876	0.9983	0.9471	0.9984	0.9975	0.7928	0.9968
34.6	0.9963	0.9916	0.9986	0.9741	0.9988	0.9985	0.8694	0.9982
34.7	0.9964	0.9936	0.9985	0.9674	0.9982	0.9983	0.8699	0.9977
34.8	0.9961	0.9924	0.9984	0.9632	0.9978	0.9983	0.8379	0.9973
34.9	0.9973	0.9910	0.9981	0.9684	0.9981	0.9979	0.8370	0.9972
35.0	0.9974	0.9904	0.9977	0.9608	0.9982	0.9971	0.8399	0.9964
35.1	0.9963	0.9916	0.9980	0.9570	0.9988	0.9975	0.7949	0.9958
35.2	0.9966	0.9904	0.9977	0.9693	0.9985	0.9968	0.8073	0.9950
35.3	0.9972	0.9923	0.9983	0.9720	0.9988	0.9979	0.7779	0.9967
35.4	0.9975	0.9915	0.9978	0.9741	0.9986	0.9972	0.7777	0.9972
35.5	0.9978	0.9945	0.9984	0.9795	0.9991	0.9977	0.7938	0.9975
35.6	0.9977	0.9956	0.9984	0.9798	0.9992	0.9977	0.7018	0.9976
35.7	0.9974	0.9941	0.9978	0.9766	0.9988	0.9973	0.6694	0.9975
35.8	0.9970	0.9958	0.9981	0.9798	0.9989	0.9978	0.7584	0.9975
35.9	0.9956	0.9937	0.9975	0.9738	0.9983	0.9970	0.7444	0.9969
36.0	0.9972	0.9956	0.9980	0.9792	0.9990	0.9976	0.8325	0.9977
36.1	0.9967	0.9963	0.9981	0.9798	0.9992	0.9979	0.8723	0.9975
36.2	0.9956	0.9963	0.9979	0.9826	0.9989	0.9977	0.8983	0.9976
36.3	0.9970	0.9977	0.9983	0.9815	0.9987	0.9982	0.9288	0.9983
36.4	0.9955	0.9957	0.9980	0.9773	0.9981	0.9977	0.9183	0.9980
36.5	0.9975	0.9970	0.9985	0.9837	0.9985	0.9982	0.9423	0.9980
36.6	0.9981	0.9976	0.9987	0.9883	0.9990	0.9986	0.9550	0.9984
36.7	0.9980	0.9966	0.9986	0.9879	0.9990	0.9985	0.9566	0.9986
36.8	0.9972	0.9967	0.9986	0.9896	0.9991	0.9985	0.9577	0.9987
36.9	0.9975	0.9970	0.9988	0.9920	0.9987	0.9987	0.9702	0.9990
37.0	0.9984	0.9961	0.9983	0.9923	0.9986	0.9984	0.9709	0.9987
37.1	0.9973	0.9965	0.9978	0.9905	0.9992	0.9979	0.9707	0.9986
37.2	0.9981	0.9968	0.9977	0.9900	0.9992	0.9977	0.9695	0.9985
37.3	0.9982	0.9967	0.9980	0.9907	0.9991	0.9981	0.9786	0.9987
37.4	0.9976	0.9968	0.9975	0.9859	0.9987	0.9975	0.9734	0.9987
37.5	0.9972	0.9970	0.9979	0.9818	0.9990	0.9977	0.9582	0.9988
37.6	0.9980	0.9974	0.9984	0.9902	0.9990	0.9984	0.9783	0.9991
37.7	0.9980	0.9978	0.9982	0.9917	0.9989	0.9982	0.9872	0.9990
37.8	0.9967	0.9968	0.9978	0.9881	0.9984	0.9976	0.9807	0.9985
37.9	0.9976	0.9973	0.9981	0.9902	0.9987	0.9979	0.9833	0.9989
38.0	0.9970	0.9970	0.9978	0.9882	0.9979	0.9972	0.9777	0.9987
38.1	0.9972	0.9974	0.9979	0.9847	0.9984	0.9976	0.9745	0.9982
38.2	0.9969	0.9968	0.9975	0.9860	0.9978	0.9975	0.9726	0.9977
38.3	0.9953	0.9950	0.9965	0.9811	0.9975	0.9964	0.9697	0.9970
38.4	0.9958	0.9945	0.9968	0.9832	0.9983	0.9968	0.9733	0.9965
38.5	0.9977	0.9955	0.9970	0.9879	0.9985	0.9970	0.9795	0.9971
38.6	0.9981	0.9970	0.9975	0.9886	0.9982	0.9976	0.9813	0.9971
38.7	0.9968	0.9948	0.9962	0.9859	0.9968	0.9964	0.9770	0.9959
38.8	0.9974	0.9967	0.9974	0.9848	0.9975	0.9975	0.9754	0.9974
38.9	0.9967	0.9971	0.9980	0.9883	0.9973	0.9982	0.9798	0.9977
39.0	0.9957	0.9957	0.9962	0.9873	0.9962	0.9968	0.9733	0.9958
39.1	0.9966	0.9962	0.9964	0.9861	0.9964	0.9967	0.9770	0.9967
39.2	0.9978	0.9970	0.9967	0.9847	0.9971	0.9967	0.9765	0.9979
39.3	0.9978	0.9978	0.9976	0.9855	0.9976	0.9977	0.9743	0.9987
39.4	0.9971	0.9970	0.9966	0.9547	0.9974	0.9972	0.9603	0.9979
39.5	0.9979	0.9968	0.9962	0.9510	0.9976	0.9967	0.9489	0.9983
39.6	0.9978	0.9965	0.9956	0.9735	0.9967	0.9961	0.9504	0.9978
39.7	0.9966	0.9969	0.9969	0.9759	0.9961	0.9972	0.9507	0.9967
39.8	0.9969	0.9963	0.9975	0.9616	0.9958	0.9975	0.9413	0.9974
39.9	0.9972	0.9969	0.9971	0.9435	0.9960	0.9971	0.9285	0.9983
40.0	0.9967	0.9965	0.9972	0.9242	0.9959	0.9973	0.9180	0.9981
40.1	0.9960	0.9963	0.9959	0.8697	0.9941	0.9964	0.8629	0.9973
40.2	0.9960	0.9960	0.9970	0.8319	0.9943	0.9972	0.8311	0.9978
40.3	0.9978	0.9974	0.9981	0.8274	0.9955	0.9984	0.8801	0.9982
40.4	0.9973	0.9968	0.9977	0.5260	0.9954	0.9985	0.8350	0.9975
40.5	0.9964	0.9967	0.9980	0.1284	0.9956	0.9981	0.7417	0.9970
40.6	0.9972	0.9968	0.9981	0.4532	0.9962	0.9981	0.7560	0.9976
40.7	0.9972	0.9981	0.9983	0.7225	0.9965	0.9985	0.8237	0.9980
40.8	0.9951	0.9957	0.9974	0.8269	0.9950	0.9975	0.8099	0.9975
40.9	0.9959	0.9966	0.9983	0.9155	0.9960	0.9978	0.8869	0.9976
41.0	0.9962	0.9966	0.9981	0.9432	0.9965	0.9970	0.8979	0.9975
41.1	0.9971	0.9974	0.9985	0.9492	0.9900	0.9980	0.9149	0.9977
41.2	0.9953	0.9967	0.9988	0.9453	0.9851	0.9981	0.9141	0.9960
41.3	0.9914	0.9924	0.9980	0.9285	0.9770	0.9957	0.8788	0.9887
41.4	0.9936	0.9931	0.9981	0.9744	0.9870	0.9977	0.9541	0.9832
41.5	0.9973	0.9959	0.9979	0.9730	0.9910	0.9970	0.9320	0.9912
41.6	0.9974	0.9957	0.9981	0.9632	0.9887	0.9968	0.9035	0.9959
41.7	0.9972	0.9968	0.9982	0.9689	0.9806	0.9978	0.9233	0.9954
41.8	0.9947	0.9943	0.9984	0.9724	0.9622	0.9973	0.9372	0.9889
41.9	0.9931	0.9917	0.9981	0.9808	0.9701	0.9979	0.9657	0.9661
42.0	0.9940	0.9951	0.9988	0.9792	0.9728	0.9990	0.9574	0.9837
42.1	0.9952	0.9969	0.9987	0.9806	0.9866	0.9986	0.9535	0.9915
42.2	0.9952	0.9971	0.9986	0.9751	0.9736	0.9987	0.9360	0.9914
42.3	0.9920	0.9968	0.9985	0.9615	0.9664	0.9986	0.9147	0.9937

42.4	0.9941	0.9962	0.9989	0.9642	0.9842	0.9986	0.9364	0.9970
42.5	0.9954	0.9964	0.9989	0.9601	0.9907	0.9986	0.9442	0.9965
42.6	0.9858	0.9962	0.9984	0.9806	0.9808	0.9989	0.9669	0.9927
42.7	0.9886	0.9946	0.9985	0.9725	0.9813	0.9982	0.9569	0.9972
42.8	0.9925	0.9949	0.9985	0.9662	0.9704	0.9983	0.9475	0.9956
42.9	0.9927	0.9910	0.9975	0.9602	0.9605	0.9968	0.9283	0.9915
43.0	0.9917	0.9920	0.9971	0.9652	0.9903	0.9967	0.9345	0.9947
43.1	0.9871	0.9910	0.9971	0.9656	0.9907	0.9953	0.9428	0.9871
43.2	0.9792	0.9890	0.9977	0.9051	0.9628	0.9968	0.8472	0.9582
43.3	0.9880	0.9834	0.9984	0.9337	0.9647	0.9972	0.8957	0.9478
43.4	0.9921	0.9858	0.9984	0.9731	0.9822	0.9976	0.9563	0.9620
43.5	0.9932	0.9881	0.9979	0.9826	0.9904	0.9965	0.9719	0.9869
43.6	0.9889	0.9823	0.9967	0.9606	0.9864	0.9903	0.9435	0.9917
43.7	0.9961	0.9858	0.9977	0.9824	0.9943	0.9947	0.9720	0.9981
43.8	0.9973	0.9913	0.9986	0.9861	0.9948	0.9980	0.9769	0.9949
43.9	0.9925	0.9826	0.9975	0.9742	0.9843	0.9975	0.9580	0.9803
44.0	0.9836	0.9842	0.9956	0.9463	0.9906	0.9966	0.9166	0.9726
44.1	0.9879	0.9843	0.9977	0.9732	0.9955	0.9971	0.9583	0.9554
44.2	0.9892	0.9835	0.9985	0.9711	0.9948	0.9954	0.9616	0.9779
44.3	0.9928	0.9830	0.9987	0.9772	0.9952	0.9918	0.9719	0.9890
44.4	0.9924	0.9665	0.9984	0.9795	0.9952	0.9864	0.9733	0.9881
44.5	0.9953	0.9603	0.9982	0.9777	0.9937	0.9870	0.9709	0.9882
44.6	0.9928	0.9073	0.9978	0.9515	0.9901	0.9916	0.9420	0.9907
44.7	0.9923	0.8876	0.9977	0.9501	0.9930	0.9939	0.9422	0.9938
44.8	0.9827	0.7690	0.9955	0.9630	0.9912	0.9928	0.9517	0.9887
44.9	0.9751	0.7939	0.9958	0.9652	0.9755	0.9950	0.9594	0.9767
45.0	0.9823	0.8913	0.9969	0.9695	0.9721	0.9948	0.9663	0.9743
45.1	0.9947	0.9049	0.9970	0.9553	0.9939	0.9954	0.9430	0.9869
45.2	0.9949	0.9085	0.9970	0.9493	0.9952	0.9956	0.9267	0.9877
45.3	0.9904	0.8523	0.9968	0.8962	0.9866	0.9904	0.8691	0.9631
45.4	0.9872	0.7389	0.9961	0.9544	0.9917	0.9916	0.9398	0.9786
45.5	0.9889	0.7830	0.9976	0.9733	0.9952	0.9897	0.9645	0.8939
45.6	0.9901	0.8868	0.9980	0.9708	0.9919	0.9879	0.9654	0.8913
45.7	0.9861	0.8574	0.9979	0.9813	0.9899	0.9914	0.9750	0.9644
45.8	0.9892	0.6606	0.9947	0.9759	0.9938	0.9892	0.9689	0.9210
45.9	0.9931	0.6686	0.9947	0.9816	0.9911	0.9832	0.9807	0.9486
46.0	0.9841	0.8294	0.9966	0.9639	0.9931	0.9574	0.9585	0.9699
46.1	0.9821	0.8380	0.9972	0.9384	0.9924	0.9201	0.9338	0.9601
46.2	0.9872	0.8920	0.9947	0.9316	0.9911	0.9470	0.9337	0.9696
46.3	0.9875	0.9109	0.9906	0.8856	0.9860	0.9599	0.8895	0.9546
46.4	0.9914	0.9341	0.9961	0.9731	0.9846	0.9549	0.9706	0.9610
46.5	0.9857	0.9573	0.9972	0.9792	0.9830	0.9668	0.9785	0.9750
46.6	0.9859	0.9788	0.9962	0.9748	0.9935	0.9875	0.9765	0.9939
46.7	0.9829	0.9831	0.9965	0.9481	0.9826	0.9904	0.9556	0.9899
46.8	0.9853	0.9916	0.9975	0.9667	0.9847	0.9919	0.9702	0.9906
46.9	0.9773	0.9893	0.9981	0.9629	0.9861	0.9629	0.9654	0.9706
47.0	0.9785	0.9738	0.9968	0.9385	0.9816	0.9349	0.9463	0.9549
47.1	0.9692	0.9744	0.9967	0.9079	0.9759	0.9750	0.9318	0.9751
47.2	0.9658	0.9907	0.9977	0.9540	0.9815	0.9930	0.9625	0.9941
47.3	0.9524	0.9913	0.9970	0.9759	0.9868	0.9935	0.9793	0.9949
47.4	0.9610	0.9928	0.9978	0.9852	0.9948	0.9961	0.9881	0.9975
47.5	0.9474	0.9943	0.9979	0.9855	0.9937	0.9942	0.9873	0.9959
47.6	0.9276	0.9912	0.9955	0.9738	0.9850	0.9927	0.9765	0.9895
47.7	0.9191	0.9826	0.9917	0.9284	0.9475	0.9871	0.9423	0.9801
47.8	0.9442	0.9866	0.9955	0.9479	0.9819	0.9927	0.9608	0.9887
47.9	0.9269	0.9907	0.9956	0.9363	0.9904	0.9844	0.9450	0.9809
48.0	0.8534	0.9876	0.9927	0.9354	0.9883	0.9828	0.9480	0.9769
48.1	0.7640	0.9834	0.9954	0.9573	0.9940	0.9891	0.9673	0.9853
48.2	0.7564	0.9917	0.9977	0.9749	0.9974	0.9907	0.9785	0.9905
48.3	0.6948	0.9927	0.9971	0.9782	0.9970	0.9942	0.9831	0.9941
48.4	0.6552	0.9946	0.9978	0.9875	0.9974	0.9976	0.9897	0.9977
48.5	0.6304	0.9916	0.9977	0.9840	0.9960	0.9980	0.9876	0.9984
48.6	0.7281	0.9929	0.9977	0.9750	0.9930	0.9972	0.9803	0.9963
48.7	0.5860	0.9928	0.9963	0.9820	0.9959	0.9964	0.9841	0.9964
48.8	0.4253	0.9916	0.9933	0.9796	0.9973	0.9973	0.9839	0.9972
48.9	0.6859	0.9893	0.9967	0.9810	0.9975	0.9977	0.9863	0.9986
49.0	0.7794	0.9914	0.9944	0.9735	0.9981	0.9973	0.9806	0.9983
49.1	0.6193	0.9923	0.9948	0.9685	0.9963	0.9966	0.9779	0.9952
49.2	0.2123	0.9891	0.9967	0.9826	0.9943	0.9957	0.9870	0.9927
49.3	0.4851	0.9869	0.9963	0.9781	0.9912	0.9958	0.9821	0.9929
49.4	0.6315	0.9908	0.9953	0.9750	0.9892	0.9963	0.9833	0.9929
49.5	0.4344	0.9931	0.9939	0.9648	0.9930	0.9968	0.9794	0.9949
49.6	0.5890	0.9857	0.9912	0.9524	0.9949	0.9963	0.9724	0.9968
49.7	0.6438	0.9851	0.9940	0.9690	0.9937	0.9950	0.9816	0.9958
49.8	0.7633	0.9890	0.9963	0.9865	0.9952	0.9965	0.9921	0.9980
49.9	0.8571	0.9911	0.9973	0.9808	0.9959	0.9968	0.9891	0.9979
50.0	0.8750	0.9905	0.9974	0.9682	0.9941	0.9954	0.9798	0.9964
50.1	0.8536	0.9863	0.9955	0.9711	0.9942	0.9949	0.9794	0.9975
50.2	0.9397	0.9872	0.9971	0.9830	0.9968	0.9972	0.9879	0.9986
50.3	0.9379	0.9872	0.9966	0.9897	0.9952	0.9972	0.9928	0.9980
50.4	0.9479	0.9853	0.9952	0.9894	0.9967	0.9977	0.9935	0.9985
50.5	0.9016	0.9846	0.9931	0.9684	0.9960	0.9958	0.9799	0.9977
50.6	0.9209	0.9812	0.9934	0.9709	0.9954	0.9948	0.9784	0.9967
50.7	0.9557	0.9880	0.9954	0.9854	0.9955	0.9969	0.9886	0.9975
50.8	0.9611	0.9795	0.9933	0.9760	0.9866	0.9961	0.9848	0.9951
50.9	0.9645	0.9847	0.9943	0.9869	0.9926	0.9973	0.9923	0.9981

51.0	0.9669	0.9815	0.9934	0.9868	0.9938	0.9968	0.9907	0.9979
51.1	0.9776	0.9832	0.9938	0.9883	0.9926	0.9972	0.9898	0.9976
51.2	0.9804	0.9768	0.9856	0.9813	0.9895	0.9961	0.9858	0.9965
51.3	0.9800	0.9766	0.9869	0.9850	0.9918	0.9965	0.9906	0.9979
51.4	0.9845	0.9790	0.9941	0.9891	0.9959	0.9970	0.9928	0.9984
51.5	0.9841	0.9733	0.9934	0.9803	0.9941	0.9957	0.9866	0.9975
51.6	0.9788	0.9755	0.9899	0.9756	0.9934	0.9948	0.9828	0.9967
51.7	0.9795	0.9717	0.9879	0.9809	0.9946	0.9969	0.9866	0.9973
51.8	0.9843	0.9720	0.9860	0.9852	0.9902	0.9969	0.9898	0.9980
51.9	0.9840	0.9728	0.9838	0.9777	0.9877	0.9970	0.9844	0.9968
52.0	0.9821	0.9748	0.9910	0.9836	0.9916	0.9960	0.9872	0.9966
52.1	0.9844	0.9663	0.9897	0.9856	0.9929	0.9964	0.9905	0.9978
52.2	0.9899	0.9704	0.9861	0.9835	0.9866	0.9960	0.9905	0.9973
52.3	0.9915	0.9747	0.9814	0.9808	0.9909	0.9969	0.9885	0.9969
52.4	0.9927	0.9639	0.9840	0.9695	0.9911	0.9968	0.9817	0.9949
52.5	0.9904	0.9574	0.9915	0.9777	0.9932	0.9969	0.9865	0.9957
52.6	0.9894	0.9473	0.9873	0.9794	0.9945	0.9964	0.9865	0.9953
52.7	0.9901	0.9423	0.9854	0.9656	0.9933	0.9949	0.9779	0.9937
52.8	0.9916	0.9482	0.9905	0.9656	0.9943	0.9951	0.9757	0.9939
52.9	0.9889	0.9515	0.9895	0.9730	0.9931	0.9966	0.9822	0.9953
53.0	0.9863	0.9318	0.9871	0.9729	0.9935	0.9956	0.9826	0.9952
53.1	0.9883	0.9132	0.9809	0.9730	0.9949	0.9960	0.9825	0.9958
53.2	0.9887	0.9141	0.9758	0.9717	0.9939	0.9962	0.9818	0.9954
53.3	0.9864	0.9020	0.9724	0.9580	0.9940	0.9950	0.9722	0.9952
53.4	0.9877	0.9104	0.9751	0.9571	0.9954	0.9960	0.9734	0.9968
53.5	0.9878	0.9219	0.9838	0.9636	0.9962	0.9944	0.9789	0.9968
53.6	0.9913	0.9233	0.9909	0.9766	0.9964	0.9960	0.9838	0.9956
53.7	0.9914	0.8862	0.9885	0.9658	0.9940	0.9956	0.9771	0.9948
53.8	0.9909	0.8569	0.9768	0.9496	0.9833	0.9955	0.9660	0.9926
53.9	0.9935	0.9036	0.9791	0.9488	0.9869	0.9951	0.9669	0.9956
54.0	0.9910	0.9152	0.9839	0.9630	0.9940	0.9954	0.9752	0.9968
54.1	0.9883	0.9181	0.9774	0.9099	0.9882	0.9898	0.9340	0.9932
54.2	0.9934	0.9106	0.9823	0.8891	0.9929	0.9928	0.9293	0.9942
54.3	0.9923	0.8634	0.9804	0.9050	0.9946	0.9933	0.9339	0.9921
54.4	0.9900	0.8855	0.9828	0.9191	0.9949	0.9937	0.9440	0.9938
54.5	0.9925	0.8744	0.9853	0.8840	0.9953	0.9931	0.9293	0.9938
54.6	0.9927	0.8810	0.9844	0.7997	0.9961	0.9923	0.8832	0.9944
54.7	0.9917	0.8905	0.9817	0.6730	0.9955	0.9925	0.8591	0.9949
54.8	0.9926	0.9212	0.9895	0.8532	0.9973	0.9947	0.9417	0.9963
54.9	0.9948	0.9381	0.9874	0.8864	0.9968	0.9956	0.9483	0.9968
55.0	0.9932	0.9254	0.9839	0.8584	0.9962	0.9933	0.9336	0.9963
55.1	0.9913	0.8880	0.9818	0.8106	0.9958	0.9924	0.9194	0.9953
55.2	0.9929	0.9069	0.9841	0.8704	0.9965	0.9933	0.9401	0.9966
55.3	0.9940	0.9440	0.9887	0.8949	0.9971	0.9942	0.9481	0.9969
55.4	0.9932	0.9498	0.9886	0.8825	0.9973	0.9948	0.9481	0.9972
55.5	0.9931	0.9500	0.9922	0.8973	0.9971	0.9966	0.9546	0.9973
55.6	0.9930	0.9489	0.9906	0.8622	0.9960	0.9954	0.9354	0.9958
55.7	0.9896	0.9513	0.9901	0.8810	0.9979	0.9944	0.9479	0.9966
55.8	0.9886	0.9203	0.9869	0.8326	0.9977	0.9923	0.9301	0.9959
55.9	0.9869	0.9360	0.9912	0.8208	0.9978	0.9950	0.9275	0.9967
56.0	0.9897	0.9594	0.9931	0.8694	0.9979	0.9959	0.9472	0.9965
56.1	0.9860	0.9450	0.9885	0.8214	0.9941	0.9943	0.9129	0.9921
56.2	0.9836	0.9249	0.9904	0.7939	0.9962	0.9935	0.9128	0.9931
56.3	0.9864	0.9308	0.9927	0.8507	0.9972	0.9956	0.9396	0.9960
56.4	0.9890	0.9565	0.9947	0.8835	0.9981	0.9964	0.9506	0.9975
56.5	0.9902	0.9591	0.9934	0.8774	0.9979	0.9963	0.9444	0.9971
56.6	0.9877	0.9444	0.9898	0.8231	0.9968	0.9946	0.9235	0.9957
56.7	0.9900	0.9496	0.9926	0.8652	0.9976	0.9950	0.9414	0.9967
56.8	0.9904	0.9526	0.9940	0.9149	0.9983	0.9957	0.9612	0.9974
56.9	0.9897	0.9448	0.9942	0.9206	0.9982	0.9956	0.9596	0.9976
57.0	0.9873	0.9379	0.9902	0.9095	0.9976	0.9941	0.9457	0.9974
57.1	0.9879	0.9455	0.9915	0.9281	0.9975	0.9946	0.9603	0.9974
57.2	0.9872	0.9418	0.9917	0.9176	0.9960	0.9948	0.9495	0.9956
57.3	0.9927	0.9492	0.9942	0.9265	0.9974	0.9969	0.9550	0.9971
57.4	0.9922	0.9413	0.9929	0.9214	0.9974	0.9971	0.9524	0.9975
57.5	0.9909	0.9354	0.9930	0.9170	0.9973	0.9961	0.9483	0.9971
57.6	0.9889	0.9336	0.9930	0.9065	0.9975	0.9952	0.9412	0.9968
57.7	0.9899	0.9420	0.9928	0.8947	0.9978	0.9954	0.9335	0.9967
57.8	0.9909	0.9465	0.9914	0.8815	0.9976	0.9958	0.9221	0.9972
57.9	0.9882	0.9400	0.9920	0.8895	0.9974	0.9957	0.9261	0.9972
58.0	0.9866	0.9381	0.9923	0.8727	0.9980	0.9965	0.9200	0.9977
58.1	0.9856	0.9555	0.9963	0.9102	0.9987	0.9968	0.9421	0.9976
58.2	0.9867	0.9451	0.9957	0.9209	0.9986	0.9981	0.9474	0.9980
58.3	0.9918	0.9549	0.9965	0.9199	0.9987	0.9979	0.9433	0.9980
58.4	0.9914	0.9585	0.9961	0.9291	0.9985	0.9979	0.9514	0.9983
58.5	0.9880	0.9310	0.9932	0.8993	0.9978	0.9970	0.9338	0.9980
58.6	0.9872	0.9443	0.9939	0.9027	0.9979	0.9965	0.9303	0.9979
58.7	0.9875	0.9444	0.9956	0.9223	0.9980	0.9965	0.9397	0.9979
58.8	0.9918	0.9596	0.9961	0.9173	0.9981	0.9970	0.9301	0.9985
58.9	0.9742	0.9570	0.9937	0.8047	0.9972	0.9954	0.8256	0.9971
59.0	0.8603	0.9246	0.9838	0.5011	0.9958	0.9851	0.5555	0.9909
59.1	0.8985	0.9335	0.9859	0.5739	0.9959	0.9886	0.6143	0.9936
59.2	0.9855	0.9591	0.9953	0.8625	0.9977	0.9971	0.8746	0.9984
59.3	0.9872	0.9639	0.9961	0.8352	0.9973	0.9966	0.8463	0.9985
59.4	0.9848	0.9597	0.9954	0.8266	0.9973	0.9964	0.8441	0.9980
59.5	0.9829	0.9611	0.9961	0.8255	0.9980	0.9967	0.8226	0.9985

59.6	0.9844	0.9709	0.9971	0.8237	0.9981	0.9967	0.8131	0.9982
59.7	0.9895	0.9807	0.9979	0.8706	0.9983	0.9979	0.8745	0.9987
59.8	0.9834	0.9788	0.9972	0.7448	0.9972	0.9973	0.7611	0.9982
59.9	0.9695	0.9730	0.9896	0.5463	0.9962	0.9964	0.6677	0.9971
60.0	0.9584	0.9839	0.9763	0.4804	0.9979	0.9959	0.7316	0.9947
60.1	0.9793	0.9859	0.9923	0.6307	0.9979	0.9977	0.8023	0.9975
60.2	0.9880	0.9831	0.9971	0.7226	0.9983	0.9977	0.8229	0.9988
60.3	0.9864	0.9793	0.9969	0.7311	0.9982	0.9977	0.8421	0.9990
60.4	0.9835	0.9754	0.9966	0.6507	0.9971	0.9970	0.7910	0.9988
60.5	0.9843	0.9806	0.9975	0.7477	0.9979	0.9967	0.8353	0.9987
60.6	0.9862	0.9845	0.9973	0.7673	0.9979	0.9967	0.8178	0.9986
60.7	0.9795	0.9760	0.9966	0.7413	0.9976	0.9965	0.7586	0.9986
60.8	0.9758	0.9740	0.9974	0.6602	0.9974	0.9966	0.6546	0.9985
60.9	0.9771	0.9872	0.9979	0.6765	0.9979	0.9967	0.5994	0.9987
61.0	0.9804	0.9862	0.9984	0.6491	0.9986	0.9974	0.6341	0.9987
61.1	0.9664	0.9731	0.9971	0.4410	0.9974	0.9970	0.6661	0.9984
61.2	0.9686	0.9698	0.9976	0.3195	0.9972	0.9967	0.7181	0.9987
61.3	0.9698	0.9681	0.9970	0.1509	0.9970	0.9966	0.6512	0.9987
61.4	0.9750	0.9726	0.9976	0.0866	0.9978	0.9972	0.7297	0.9986
61.5	0.9853	0.9749	0.9987	0.0664	0.9986	0.9980	0.8453	0.9992
61.6	0.9810	0.9726	0.9986	0.1315	0.9988	0.9979	0.8485	0.9990
61.7	0.9789	0.9728	0.9982	0.2608	0.9984	0.9976	0.8465	0.9984
61.8	0.9825	0.9766	0.9982	0.5884	0.9983	0.9979	0.8955	0.9988
61.9	0.9816	0.9727	0.9986	0.7706	0.9980	0.9978	0.9285	0.9987
62.0	0.9847	0.9679	0.9989	0.8077	0.9984	0.9974	0.9304	0.9986
62.1	0.9792	0.9727	0.9986	0.8166	0.9983	0.9974	0.9354	0.9981
62.2	0.9845	0.9768	0.9985	0.9119	0.9984	0.9985	0.9659	0.9984
62.3	0.9864	0.9819	0.9987	0.9295	0.9988	0.9984	0.9705	0.9990
62.4	0.9853	0.9764	0.9982	0.9074	0.9982	0.9983	0.9588	0.9985
62.5	0.9870	0.9685	0.9984	0.9174	0.9980	0.9977	0.9610	0.9987
62.6	0.9836	0.9638	0.9981	0.9239	0.9983	0.9976	0.9629	0.9987
62.7	0.9755	0.9599	0.9979	0.9394	0.9979	0.9980	0.9678	0.9987
62.8	0.9806	0.9695	0.9984	0.9529	0.9979	0.9979	0.9741	0.9983
62.9	0.9748	0.9668	0.9985	0.9558	0.9982	0.9973	0.9723	0.9980
63.0	0.9800	0.9689	0.9983	0.9649	0.9981	0.9979	0.9773	0.9984
63.1	0.9744	0.9669	0.9984	0.9780	0.9983	0.9985	0.9862	0.9990
63.2	0.9628	0.9477	0.9981	0.9722	0.9981	0.9979	0.9802	0.9987
63.3	0.9621	0.9539	0.9982	0.9635	0.9980	0.9974	0.9736	0.9986
63.4	0.9754	0.9692	0.9986	0.9741	0.9986	0.9982	0.9824	0.9988
63.5	0.9777	0.9784	0.9989	0.9817	0.9985	0.9984	0.9862	0.9990
63.6	0.9681	0.9771	0.9988	0.9794	0.9987	0.9978	0.9820	0.9986
63.7	0.9465	0.9653	0.9983	0.9755	0.9984	0.9970	0.9787	0.9984
63.8	0.9454	0.9724	0.9983	0.9787	0.9981	0.9976	0.9823	0.9987
63.9	0.9502	0.9653	0.9986	0.9830	0.9982	0.9983	0.9864	0.9990
64.0	0.9425	0.9640	0.9990	0.9844	0.9986	0.9981	0.9861	0.9984
64.1	0.9313	0.9635	0.9986	0.9802	0.9985	0.9979	0.9814	0.9980
64.2	0.9021	0.9592	0.9979	0.9755	0.9986	0.9967	0.9740	0.9980
64.3	0.8540	0.9678	0.9981	0.9805	0.9987	0.9974	0.9793	0.9987
64.4	0.8332	0.9703	0.9982	0.9784	0.9984	0.9979	0.9777	0.9987
64.5	0.8131	0.9586	0.9985	0.9827	0.9987	0.9974	0.9810	0.9980
64.6	0.7428	0.9561	0.9981	0.9797	0.9984	0.9968	0.9759	0.9978
64.7	0.7949	0.9608	0.9982	0.9799	0.9988	0.9976	0.9758	0.9981
64.8	0.8302	0.9477	0.9985	0.9836	0.9988	0.9976	0.9792	0.9981
64.9	0.8732	0.9442	0.9981	0.9812	0.9981	0.9975	0.9758	0.9981
65.0	0.9196	0.9557	0.9981	0.9796	0.9988	0.9972	0.9718	0.9984
65.1	0.9348	0.9428	0.9985	0.9788	0.9988	0.9980	0.9706	0.9984
65.2	0.9266	0.9357	0.9988	0.9772	0.9988	0.9982	0.9693	0.9981
65.3	0.9273	0.9476	0.9986	0.9733	0.9990	0.9980	0.9628	0.9985
65.4	0.9368	0.9526	0.9982	0.9737	0.9992	0.9979	0.9612	0.9984
65.5	0.9236	0.9419	0.9983	0.9688	0.9989	0.9978	0.9576	0.9979
65.6	0.8910	0.9073	0.9977	0.9568	0.9987	0.9969	0.9386	0.9974
65.7	0.9009	0.9256	0.9979	0.9653	0.9987	0.9976	0.9443	0.9979
65.8	0.8776	0.9354	0.9977	0.9666	0.9988	0.9974	0.9479	0.9981
65.9	0.8540	0.9316	0.9983	0.9620	0.9988	0.9973	0.9406	0.9985
66.0	0.8523	0.9144	0.9977	0.9583	0.9983	0.9963	0.9262	0.9980
66.1	0.8557	0.9127	0.9976	0.9596	0.9983	0.9960	0.9197	0.9981
66.2	0.8529	0.9035	0.9982	0.9543	0.9983	0.9967	0.9088	0.9980
66.3	0.8611	0.9160	0.9983	0.9608	0.9984	0.9976	0.9192	0.9984
66.4	0.8570	0.9008	0.9978	0.9493	0.9979	0.9962	0.8851	0.9971
66.5	0.8757	0.8920	0.9977	0.9564	0.9977	0.9967	0.8978	0.9970
66.6	0.9011	0.9214	0.9978	0.9606	0.9982	0.9971	0.9023	0.9984
66.7	0.9228	0.8822	0.9976	0.9589	0.9982	0.9975	0.8926	0.9985
66.8	0.9282	0.8589	0.9971	0.9444	0.9970	0.9965	0.8633	0.9979
66.9	0.9336	0.8774	0.9981	0.9393	0.9975	0.9975	0.8500	0.9982
67.0	0.9471	0.8564	0.9976	0.9322	0.9973	0.9975	0.8330	0.9979
67.1	0.9439	0.8456	0.9974	0.9259	0.9968	0.9973	0.8142	0.9973
67.2	0.9651	0.8733	0.9981	0.9521	0.9980	0.9972	0.8842	0.9976
67.3	0.9796	0.8760	0.9980	0.9588	0.9977	0.9970	0.9012	0.9977
67.4	0.9874	0.8764	0.9982	0.9631	0.9980	0.9977	0.9069	0.9982
67.5	0.9842	0.8764	0.9985	0.9553	0.9981	0.9968	0.8810	0.9979
67.6	0.9884	0.8746	0.9976	0.9728	0.9977	0.9974	0.9218	0.9979
67.7	0.9868	0.8577	0.9978	0.9656	0.9974	0.9973	0.9011	0.9971
67.8	0.9823	0.7838	0.9973	0.9445	0.9963	0.9963	0.8306	0.9967
67.9	0.9888	0.7921	0.9974	0.9531	0.9965	0.9966	0.8166	0.9965
68.0	0.9913	0.8293	0.9980	0.9447	0.9969	0.9973	0.7955	0.9965
68.1	0.9878	0.8318	0.9973	0.9430	0.9963	0.9959	0.7801	0.9958

68.2	0.9876	0.8096	0.9965	0.9307	0.9961	0.9960	0.7311	0.9965
68.3	0.9901	0.7674	0.9970	0.8996	0.9963	0.9971	0.7512	0.9968
68.4	0.9909	0.7113	0.9961	0.9140	0.9953	0.9960	0.8087	0.9953
68.5	0.9916	0.6933	0.9967	0.9063	0.9952	0.9963	0.8212	0.9961
68.6	0.9950	0.7855	0.9978	0.9016	0.9971	0.9959	0.8526	0.9962
68.7	0.9936	0.7647	0.9968	0.8995	0.9959	0.9948	0.8863	0.9950
68.8	0.9933	0.7620	0.9969	0.9031	0.9965	0.9943	0.9143	0.9949
68.9	0.9945	0.7556	0.9973	0.9279	0.9971	0.9947	0.9398	0.9956
69.0	0.9941	0.7658	0.9976	0.9231	0.9963	0.9958	0.9355	0.9959
69.1	0.9931	0.7246	0.9973	0.9203	0.9951	0.9950	0.9271	0.9934
69.2	0.9945	0.7777	0.9969	0.9510	0.9958	0.9950	0.9545	0.9942
69.3	0.9956	0.8001	0.9974	0.9617	0.9965	0.9969	0.9643	0.9955
69.4	0.9946	0.8061	0.9972	0.9453	0.9958	0.9950	0.9414	0.9937
69.5	0.9944	0.8081	0.9975	0.9584	0.9963	0.9954	0.9553	0.9949
69.6	0.9945	0.8192	0.9968	0.9622	0.9958	0.9946	0.9622	0.9945
69.7	0.9942	0.8223	0.9965	0.9679	0.9958	0.9953	0.9671	0.9950
69.8	0.9930	0.8132	0.9954	0.9730	0.9936	0.9950	0.9714	0.9919
69.9	0.9950	0.8189	0.9963	0.9739	0.9952	0.9947	0.9711	0.9927
70.0	0.9947	0.8144	0.9962	0.9811	0.9960	0.9951	0.9798	0.9942
70.1	0.9939	0.8189	0.9956	0.9779	0.9951	0.9931	0.9769	0.9931
70.2	0.9939	0.8302	0.9955	0.9754	0.9940	0.9931	0.9739	0.9926
70.3	0.9918	0.7887	0.9947	0.9702	0.9920	0.9919	0.9682	0.9902
70.4	0.9939	0.8437	0.9958	0.9729	0.9935	0.9930	0.9709	0.9918
70.5	0.9939	0.8606	0.9963	0.9761	0.9942	0.9926	0.9727	0.9921
70.6	0.9934	0.8706	0.9963	0.9830	0.9948	0.9942	0.9801	0.9945
70.7	0.9934	0.7939	0.9956	0.9834	0.9940	0.9918	0.9780	0.9915
70.8	0.9910	0.7815	0.9937	0.9735	0.9915	0.9885	0.9690	0.9887
70.9	0.9935	0.8809	0.9956	0.9818	0.9942	0.9925	0.9787	0.9932
71.0	0.9944	0.9190	0.9965	0.9869	0.9951	0.9933	0.9845	0.9943
71.1	0.9937	0.9197	0.9958	0.9863	0.9935	0.9920	0.9830	0.9925
71.2	0.9945	0.9138	0.9959	0.9868	0.9932	0.9909	0.9820	0.9916
71.3	0.9939	0.9178	0.9956	0.9814	0.9928	0.9917	0.9772	0.9911
71.4	0.9942	0.9140	0.9962	0.9841	0.9937	0.9920	0.9792	0.9923
71.5	0.9936	0.9162	0.9944	0.9850	0.9923	0.9916	0.9810	0.9912
71.6	0.9925	0.9288	0.9949	0.9839	0.9929	0.9923	0.9802	0.9924
71.7	0.9903	0.9176	0.9935	0.9776	0.9904	0.9872	0.9715	0.9888
71.8	0.9913	0.9189	0.9938	0.9782	0.9906	0.9864	0.9726	0.9886
71.9	0.9907	0.9193	0.9916	0.9739	0.9887	0.9854	0.9690	0.9867
72.0	0.9906	0.9387	0.9928	0.9742	0.9911	0.9884	0.9696	0.9905
72.1	0.9878	0.9293	0.9900	0.9656	0.9867	0.9830	0.9579	0.9849
72.2	0.9845	0.9293	0.9895	0.9683	0.9860	0.9835	0.9630	0.9848
72.3	0.9827	0.9026	0.9872	0.9690	0.9832	0.9799	0.9640	0.9815
72.4	0.9856	0.9327	0.9883	0.9718	0.9869	0.9848	0.9658	0.9867
72.5	0.9856	0.9471	0.9883	0.9682	0.9856	0.9827	0.9611	0.9854
72.6	0.9866	0.9473	0.9895	0.9736	0.9864	0.9813	0.9681	0.9854
72.7	0.9889	0.9473	0.9915	0.9723	0.9879	0.9839	0.9664	0.9865
72.8	0.9880	0.9579	0.9903	0.9744	0.9876	0.9845	0.9697	0.9864
72.9	0.9911	0.9656	0.9928	0.9825	0.9910	0.9856	0.9799	0.9898
73.0	0.9895	0.9560	0.9913	0.9763	0.9896	0.9858	0.9713	0.9884
73.1	0.9870	0.9568	0.9890	0.9736	0.9853	0.9847	0.9699	0.9837
73.2	0.9875	0.9554	0.9897	0.9776	0.9866	0.9801	0.9743	0.9844
73.3	0.9891	0.9664	0.9911	0.9782	0.9892	0.9844	0.9745	0.9878
73.4	0.9849	0.9702	0.9878	0.9728	0.9858	0.9831	0.9687	0.9850
73.5	0.9801	0.9648	0.9843	0.9668	0.9832	0.9837	0.9606	0.9829
73.6	0.9832	0.9692	0.9866	0.9732	0.9843	0.9845	0.9689	0.9837
73.7	0.9866	0.9640	0.9880	0.9752	0.9849	0.9823	0.9718	0.9824
73.8	0.9822	0.9663	0.9860	0.9692	0.9829	0.9849	0.9649	0.9811
73.9	0.9827	0.9699	0.9853	0.9708	0.9823	0.9802	0.9669	0.9806
74.0	0.9799	0.9668	0.9842	0.9654	0.9831	0.9825	0.9594	0.9812
74.1	0.9826	0.9781	0.9837	0.9617	0.9828	0.9839	0.9549	0.9809
74.2	0.9812	0.9669	0.9818	0.9637	0.9812	0.9859	0.9588	0.9787
74.3	0.9819	0.9745	0.9857	0.9685	0.9850	0.9877	0.9634	0.9828
74.4	0.9719	0.9699	0.9768	0.9557	0.9757	0.9804	0.9501	0.9726
74.5	0.9840	0.9807	0.9848	0.9667	0.9826	0.9870	0.9622	0.9811
74.6	0.9865	0.9835	0.9878	0.9741	0.9863	0.9872	0.9709	0.9855
74.7	0.9818	0.9756	0.9835	0.9635	0.9804	0.9815	0.9592	0.9786
74.8	0.9843	0.9818	0.9880	0.9750	0.9853	0.9850	0.9719	0.9844
74.9	0.9793	0.9838	0.9889	0.9751	0.9886	0.9851	0.9706	0.9878
75.0	0.9758	0.9834	0.9846	0.9696	0.9835	0.9823	0.9651	0.9824
75.1	0.9736	0.9793	0.9800	0.9584	0.9766	0.9796	0.9532	0.9753
75.2	0.9788	0.9839	0.9845	0.9699	0.9814	0.9878	0.9691	0.9805
75.3	0.9819	0.9815	0.9866	0.9672	0.9813	0.9862	0.9649	0.9801
75.4	0.9840	0.9819	0.9865	0.9671	0.9846	0.9868	0.9632	0.9835
75.5	0.9839	0.9795	0.9848	0.9610	0.9811	0.9841	0.9581	0.9795
75.6	0.9781	0.9761	0.9776	0.9470	0.9706	0.9813	0.9433	0.9684
75.7	0.9833	0.9814	0.9811	0.9510	0.9748	0.9833	0.9435	0.9736
75.8	0.9853	0.9833	0.9844	0.9544	0.9785	0.9833	0.9463	0.9780
75.9	0.9815	0.9820	0.9851	0.9518	0.9796	0.9829	0.9418	0.9791
76.0	0.9816	0.9781	0.9818	0.9408	0.9704	0.9767	0.9335	0.9684
76.1	0.9728	0.9779	0.9775	0.9360	0.9686	0.9755	0.9250	0.9657
76.2	0.9776	0.9833	0.9889	0.9601	0.9811	0.9827	0.9522	0.9778
76.3	0.9786	0.9816	0.9875	0.9613	0.9782	0.9846	0.9533	0.9759
76.4	0.9829	0.9814	0.9853	0.9503	0.9769	0.9846	0.9391	0.9753
76.5	0.9822	0.9864	0.9818	0.9551	0.9738	0.9816	0.9481	0.9716
76.6	0.9859	0.9835	0.9860	0.9601	0.9742	0.9796	0.9593	0.9716
76.7	0.9860	0.9835	0.9882	0.9570	0.9781	0.9821	0.9519	0.9766

76.8	0.9837	0.9823	0.9852	0.9461	0.9733	0.9798	0.9386	0.9704
76.9	0.9837	0.9810	0.9800	0.9352	0.9615	0.9737	0.9334	0.9555
77.0	0.9837	0.9798	0.9801	0.9351	0.9626	0.9757	0.9368	0.9549
77.1	0.9867	0.9837	0.9819	0.9382	0.9657	0.9760	0.9374	0.9613
77.2	0.9892	0.9826	0.9857	0.9471	0.9700	0.9754	0.9431	0.9674
77.3	0.9863	0.9788	0.9833	0.9347	0.9680	0.9753	0.9399	0.9608
77.4	0.9811	0.9806	0.9797	0.9281	0.9667	0.9778	0.9282	0.9584
77.5	0.9847	0.9792	0.9788	0.9236	0.9642	0.9759	0.9228	0.9553
77.6	0.9857	0.9757	0.9789	0.9154	0.9594	0.9759	0.9247	0.9452
77.7	0.9850	0.9775	0.9788	0.9172	0.9571	0.9754	0.9358	0.9412
77.8	0.9769	0.9761	0.9804	0.9134	0.9630	0.9764	0.9340	0.9480
77.9	0.9845	0.9810	0.9855	0.9125	0.9702	0.9822	0.9293	0.9550
78.0	0.9849	0.9819	0.9847	0.8969	0.9728	0.9828	0.9084	0.9593
78.1	0.9868	0.9818	0.9856	0.9113	0.9758	0.9845	0.9272	0.9665
78.2	0.9863	0.9828	0.9870	0.9394	0.9793	0.9833	0.9490	0.9692
78.3	0.9843	0.9781	0.9843	0.9298	0.9749	0.9826	0.9422	0.9639
78.4	0.9861	0.9790	0.9841	0.9369	0.9737	0.9816	0.9442	0.9633
78.5	0.9872	0.9782	0.9853	0.9436	0.9756	0.9832	0.9490	0.9665
78.6	0.9855	0.9782	0.9868	0.9605	0.9800	0.9836	0.9583	0.9730
78.7	0.9865	0.9798	0.9843	0.9573	0.9791	0.9838	0.9576	0.9749
78.8	0.9858	0.9773	0.9753	0.9531	0.9704	0.9771	0.9534	0.9652
78.9	0.9711	0.9716	0.9524	0.9233	0.9500	0.9651	0.9312	0.9406
79.0	0.9675	0.9768	0.9568	0.9303	0.9606	0.9725	0.9328	0.9524
79.1	0.9784	0.9763	0.9664	0.9457	0.9682	0.9738	0.9392	0.9624
79.2	0.9761	0.9748	0.9718	0.9572	0.9675	0.9710	0.9472	0.9596
79.3	0.9776	0.9786	0.9773	0.9649	0.9769	0.9792	0.9602	0.9715
79.4	0.9691	0.9737	0.9688	0.9372	0.9671	0.9730	0.9321	0.9602
79.5	0.9706	0.9659	0.9781	0.9487	0.9755	0.9764	0.9351	0.9719
79.6	0.9759	0.9628	0.9787	0.9540	0.9764	0.9746	0.9328	0.9737
79.7	0.9804	0.9698	0.9716	0.9463	0.9695	0.9737	0.9285	0.9645
79.8	0.9737	0.9729	0.9780	0.9560	0.9777	0.9791	0.9438	0.9735
79.9	0.9665	0.9618	0.9694	0.9542	0.9663	0.9684	0.9280	0.9593
80.0	0.9806	0.9706	0.9707	0.9571	0.9660	0.9694	0.9239	0.9612

2.2.51 Run 5 – VTC – Accels 17–24

Vertical shaking on center. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0336	0.0001	0.5973	0.2216	0.4894	0.0170	0.3978	0.5872
0.1	0.0054	0.0139	0.0993	0.0022	0.0551	0.0378	0.0935	0.1370
0.2	0.0847	0.0000	0.0043	0.0223	0.0066	0.0853	0.0020	0.0180
0.3	0.0692	0.0239	0.0009	0.0026	0.0065	0.0276	0.0029	0.0107
0.4	0.0229	0.0241	0.0066	0.0040	0.0202	0.0160	0.0311	0.0127
0.5	0.0025	0.0776	0.0450	0.0160	0.0028	0.0095	0.0993	0.0783
0.6	0.0024	0.0301	0.1596	0.0062	0.0066	0.0018	0.0192	0.0382
0.7	0.0114	0.0181	0.0730	0.0341	0.0388	0.0220	0.0112	0.0051
0.8	0.0596	0.0345	0.1673	0.0008	0.0017	0.0236	0.0038	0.0365
0.9	0.0502	0.0776	0.0780	0.0031	0.0549	0.0079	0.0017	0.1349
1.0	0.1346	0.0663	0.0178	0.0011	0.0330	0.0282	0.0078	0.1206
1.1	0.1025	0.0722	0.3157	0.0028	0.0643	0.0531	0.0020	0.0725
1.2	0.0384	0.1017	0.4669	0.0152	0.0836	0.0305	0.0286	0.0871
1.3	0.0090	0.0771	0.3743	0.0044	0.0639	0.0094	0.0379	0.1905
1.4	0.0055	0.1708	0.3246	0.0258	0.1245	0.0653	0.0199	0.1499
1.5	0.1097	0.4003	0.4261	0.1478	0.1839	0.0718	0.0728	0.2264
1.6	0.2004	0.2799	0.6577	0.1183	0.1033	0.1480	0.2455	0.1335
1.7	0.1568	0.1897	0.5480	0.0997	0.0586	0.2555	0.3637	0.1034
1.8	0.3059	0.3664	0.5703	0.3086	0.0552	0.1810	0.4100	0.2846
1.9	0.4713	0.5693	0.5288	0.3752	0.1993	0.2633	0.5538	0.4516
2.0	0.7782	0.7139	0.6552	0.7520	0.5029	0.4506	0.8065	0.6455
2.1	0.6971	0.5475	0.1205	0.7878	0.4728	0.5119	0.7943	0.5245
2.2	0.5342	0.3604	0.1409	0.5766	0.2598	0.2818	0.6411	0.3808
2.3	0.5288	0.3899	0.4480	0.5409	0.0806	0.0089	0.5568	0.5222
2.4	0.4324	0.5894	0.3904	0.4298	0.1473	0.4604	0.4374	0.5441
2.5	0.7093	0.5776	0.6975	0.7087	0.2661	0.8322	0.6975	0.3875
2.6	0.8425	0.5373	0.8301	0.8164	0.2234	0.8396	0.8266	0.2657
2.7	0.8168	0.4976	0.7316	0.8137	0.0818	0.7890	0.8172	0.1573
2.8	0.7685	0.4654	0.7534	0.7457	0.1670	0.7843	0.7563	0.1237
2.9	0.8245	0.4695	0.7197	0.7695	0.1563	0.8597	0.7921	0.0267
3.0	0.7570	0.4250	0.5241	0.6847	0.1034	0.8442	0.7383	0.0563
3.1	0.6172	0.3176	0.4671	0.5989	0.0329	0.8289	0.6029	0.1328
3.2	0.4477	0.0801	0.3865	0.3920	0.0112	0.8056	0.5670	0.0257
3.3	0.6887	0.2547	0.3296	0.6067	0.0930	0.8120	0.7104	0.0275
3.4	0.6886	0.2464	0.1291	0.6869	0.1465	0.7754	0.6957	0.0313
3.5	0.4603	0.0362	0.0024	0.4974	0.0012	0.6377	0.4994	0.0149
3.6	0.3391	0.0369	0.1148	0.1700	0.0136	0.4091	0.2314	0.0315
3.7	0.4179	0.0743	0.4385	0.1395	0.0266	0.7253	0.1971	0.0304
3.8	0.8421	0.4771	0.8219	0.5846	0.2523	0.9539	0.5620	0.2144
3.9	0.9490	0.7082	0.8778	0.8925	0.2149	0.9884	0.8884	0.4145
4.0	0.9751	0.8885	0.8877	0.9558	0.5535	0.9943	0.9304	0.6397
4.1	0.9745	0.9013	0.9020	0.9442	0.7053	0.9929	0.9112	0.7589
4.2	0.9460	0.8646	0.8078	0.8932	0.5664	0.9908	0.8254	0.6808
4.3	0.9259	0.8199	0.5326	0.8765	0.4832	0.9884	0.7840	0.5442
4.4	0.9458	0.8488	0.6086	0.8862	0.6129	0.9896	0.8246	0.6446
4.5	0.9243	0.8389	0.3724	0.8423	0.5741	0.9873	0.7604	0.5842
4.6	0.9212	0.7237	0.4867	0.7864	0.4805	0.9812	0.7009	0.5775
4.7	0.8953	0.6724	0.6380	0.7101	0.5147	0.9704	0.5909	0.6380
4.8	0.8245	0.3547	0.6290	0.6231	0.4734	0.9642	0.4858	0.5154
4.9	0.8070	0.2852	0.6661	0.6035	0.3381	0.9738	0.6618	0.4157
5.0	0.8811	0.3998	0.3238	0.7981	0.3906	0.9752	0.6789	0.3257
5.1	0.9289	0.6855	0.5567	0.8644	0.5359	0.9827	0.8172	0.3899
5.2	0.9231	0.5912	0.7341	0.8396	0.3907	0.9804	0.8490	0.3673
5.3	0.9299	0.4727	0.7291	0.8261	0.1618	0.9795	0.8603	0.3580
5.4	0.7944	0.3043	0.6115	0.5155	0.0511	0.9078	0.4873	0.2139
5.5	0.6306	0.4254	0.7310	0.2440	0.1621	0.8756	0.0985	0.3018
5.6	0.6755	0.5423	0.6450	0.0267	0.2834	0.9360	0.0095	0.3495
5.7	0.8489	0.6610	0.6016	0.1763	0.4212	0.9749	0.1465	0.4399
5.8	0.9408	0.6571	0.9012	0.6945	0.2759	0.9897	0.6490	0.3525
5.9	0.9716	0.4498	0.9672	0.8998	0.4517	0.9950	0.8596	0.5042
6.0	0.9898	0.1677	0.9778	0.9623	0.5709	0.9972	0.9531	0.6003
6.1	0.9842	0.7750	0.9815	0.9664	0.7723	0.9957	0.9517	0.7647
6.2	0.9896	0.9314	0.9926	0.9795	0.8755	0.9972	0.9720	0.8507
6.3	0.9878	0.9676	0.9832	0.9818	0.8920	0.9978	0.9756	0.8907
6.4	0.9896	0.9882	0.9859	0.9832	0.9404	0.9980	0.9795	0.9261
6.5	0.9849	0.9810	0.9776	0.9796	0.9235	0.9976	0.9735	0.8959
6.6	0.9852	0.9874	0.9775	0.9812	0.9292	0.9983	0.9752	0.8754
6.7	0.9790	0.9866	0.9706	0.9747	0.9402	0.9978	0.9696	0.8406
6.8	0.9749	0.9846	0.9635	0.9720	0.9405	0.9978	0.9691	0.8280
6.9	0.9401	0.9606	0.9193	0.9385	0.9085	0.9958	0.9367	0.7628
7.0	0.9411	0.9483	0.9304	0.9409	0.9242	0.9952	0.9391	0.7872
7.1	0.9074	0.9132	0.9007	0.9059	0.8633	0.9918	0.9036	0.7890
7.2	0.8968	0.8717	0.9050	0.8923	0.7934	0.9816	0.8887	0.5706
7.3	0.9505	0.9054	0.9529	0.9509	0.8593	0.9493	0.9533	0.6217
7.4	0.9414	0.9028	0.9458	0.9414	0.9047	0.9700	0.9436	0.6336
7.5	0.9581	0.9281	0.9649	0.9556	0.9292	0.9935	0.9556	0.6308
7.6	0.9847	0.9721	0.9868	0.9820	0.9051	0.9980	0.9793	0.5776
7.7	0.9881	0.9663	0.9924	0.9802	0.7923	0.9961	0.9739	0.5856
7.8	0.9950	0.9606	0.9970	0.9866	0.6674	0.9887	0.9810	0.6022
7.9	0.9947	0.9778	0.9952	0.9890	0.5566	0.9914	0.9852	0.7507

8.0	0.9938	0.9777	0.9953	0.9873	0.4821	0.9961	0.9841	0.6120
8.1	0.9960	0.9631	0.9977	0.9886	0.5009	0.9943	0.9838	0.5980
8.2	0.9947	0.9450	0.9962	0.9856	0.3123	0.9928	0.9786	0.6521
8.3	0.9970	0.9399	0.9978	0.9909	0.1365	0.9960	0.9869	0.7917
8.4	0.9976	0.9326	0.9986	0.9911	0.0495	0.9967	0.9877	0.8037
8.5	0.9975	0.9060	0.9979	0.9919	0.0579	0.9946	0.9883	0.8169
8.6	0.9966	0.8944	0.9980	0.9908	0.1509	0.9940	0.9872	0.7738
8.7	0.9947	0.8619	0.9946	0.9910	0.2032	0.9867	0.9888	0.7428
8.8	0.9929	0.8753	0.9949	0.9878	0.3619	0.9894	0.9859	0.7146
8.9	0.9929	0.8733	0.9936	0.9897	0.4730	0.9886	0.9882	0.7609
9.0	0.9784	0.8724	0.9832	0.9754	0.6743	0.9742	0.9715	0.7987
9.1	0.9842	0.8206	0.9868	0.9833	0.7870	0.9811	0.9805	0.8018
9.2	0.9697	0.8780	0.9717	0.9701	0.7988	0.9626	0.9675	0.8068
9.3	0.9564	0.9203	0.9602	0.9562	0.8272	0.9535	0.9542	0.8277
9.4	0.9374	0.9055	0.9434	0.9350	0.8533	0.9423	0.9333	0.7765
9.5	0.9541	0.9136	0.9596	0.9482	0.8790	0.9634	0.9480	0.7590
9.6	0.9606	0.9346	0.9658	0.9512	0.8582	0.9726	0.9506	0.6793
9.7	0.9533	0.9187	0.9571	0.9387	0.8202	0.9704	0.9372	0.6041
9.8	0.9771	0.9214	0.9802	0.9628	0.8371	0.9878	0.9645	0.5483
9.9	0.9811	0.9031	0.9833	0.9620	0.7854	0.9913	0.9615	0.3775
10.0	0.9808	0.8714	0.9838	0.9525	0.7159	0.9934	0.9508	0.4596
10.1	0.9756	0.8663	0.9796	0.9353	0.7240	0.9925	0.9315	0.4963
10.2	0.9842	0.8638	0.9886	0.9368	0.6514	0.9965	0.9261	0.4509
10.3	0.9852	0.8560	0.9929	0.9251	0.5045	0.9984	0.9250	0.3766
10.4	0.9921	0.9103	0.9964	0.9524	0.6001	0.9996	0.9533	0.5607
10.5	0.9924	0.9370	0.9943	0.9519	0.7219	0.9993	0.9447	0.6133
10.6	0.9807	0.8761	0.9852	0.8993	0.7419	0.9979	0.8905	0.5823
10.7	0.9834	0.8180	0.9851	0.8871	0.7331	0.9978	0.8896	0.6505
10.8	0.9858	0.8683	0.9785	0.8974	0.7336	0.9979	0.9076	0.7135
10.9	0.9799	0.8965	0.9699	0.8489	0.6699	0.9982	0.8635	0.6557
11.0	0.9769	0.8919	0.9633	0.7786	0.6840	0.9988	0.8015	0.6892
11.1	0.9781	0.8929	0.9425	0.7730	0.7460	0.9988	0.7585	0.7467
11.2	0.9662	0.9363	0.9226	0.8050	0.7678	0.9988	0.7714	0.7987
11.3	0.9595	0.9319	0.9114	0.8519	0.7663	0.9993	0.7046	0.7904
11.4	0.9614	0.9313	0.9046	0.8313	0.7710	0.9992	0.6760	0.7874
11.5	0.9595	0.9529	0.9069	0.8738	0.8075	0.9993	0.6782	0.8259
11.6	0.9238	0.9523	0.8925	0.8731	0.7836	0.9988	0.5900	0.7755
11.7	0.9369	0.9684	0.9253	0.9245	0.8055	0.9989	0.7690	0.8371
11.8	0.9203	0.9745	0.9476	0.9458	0.8116	0.9990	0.8210	0.8670
11.9	0.9069	0.9717	0.9651	0.9429	0.8454	0.9991	0.8345	0.9074
12.0	0.8633	0.9786	0.9691	0.9482	0.8161	0.9988	0.8887	0.8983
12.1	0.8561	0.9750	0.9668	0.9492	0.7876	0.9988	0.8850	0.8263
12.2	0.8723	0.9729	0.9609	0.9582	0.7709	0.9989	0.8598	0.8561
12.3	0.8911	0.9729	0.9622	0.9605	0.7268	0.9984	0.8828	0.8635
12.4	0.9143	0.9724	0.9713	0.9646	0.6859	0.9984	0.9231	0.8228
12.5	0.9294	0.9812	0.9798	0.9686	0.6843	0.9987	0.9371	0.8241
12.6	0.9237	0.9803	0.9741	0.9660	0.5297	0.9982	0.9426	0.7100
12.7	0.9321	0.9823	0.9600	0.9688	0.1922	0.9986	0.9393	0.5437
12.8	0.9190	0.9778	0.9586	0.9739	0.0480	0.9989	0.9502	0.4356
12.9	0.9102	0.9800	0.9476	0.9730	0.2545	0.9992	0.9534	0.1774
13.0	0.8998	0.9733	0.9305	0.9689	0.5850	0.9991	0.9596	0.4613
13.1	0.7077	0.9605	0.9365	0.9688	0.8063	0.9989	0.9576	0.7558
13.2	0.2790	0.9603	0.9491	0.9679	0.8621	0.9987	0.9609	0.8667
13.3	0.1307	0.9282	0.9524	0.9633	0.8309	0.9986	0.9592	0.8605
13.4	0.4382	0.9494	0.9492	0.9687	0.8984	0.9986	0.9596	0.9076
13.5	0.7167	0.9671	0.9567	0.9675	0.9157	0.9987	0.9670	0.9406
13.6	0.9131	0.9830	0.9651	0.9842	0.9660	0.9990	0.9765	0.9732
13.7	0.9203	0.9845	0.9447	0.9794	0.9681	0.9985	0.9654	0.9750
13.8	0.9282	0.9861	0.9301	0.9762	0.9559	0.9980	0.9575	0.9775
13.9	0.9199	0.9830	0.9214	0.9732	0.9356	0.9985	0.9545	0.9626
14.0	0.9391	0.9858	0.8890	0.9742	0.9554	0.9985	0.9621	0.9731
14.1	0.9482	0.9857	0.8676	0.9706	0.9654	0.9985	0.9585	0.9763
14.2	0.9426	0.9841	0.8726	0.9667	0.9690	0.9984	0.9464	0.9766
14.3	0.9192	0.9842	0.9008	0.9497	0.9655	0.9983	0.9303	0.9706
14.4	0.9221	0.9862	0.9353	0.9579	0.9698	0.9987	0.9386	0.9788
14.5	0.9007	0.9818	0.9136	0.9490	0.9629	0.9982	0.9209	0.9718
14.6	0.9448	0.9841	0.9458	0.9670	0.9725	0.9988	0.9465	0.9800
14.7	0.9486	0.9797	0.9638	0.9664	0.9700	0.9989	0.9491	0.9693
14.8	0.9521	0.9631	0.9539	0.9714	0.9502	0.9979	0.9646	0.9522
14.9	0.9522	0.9668	0.9709	0.9762	0.9524	0.9984	0.9691	0.9489
15.0	0.9379	0.9605	0.9663	0.9736	0.9519	0.9978	0.9624	0.9348
15.1	0.9051	0.9362	0.9585	0.9593	0.9106	0.9972	0.9663	0.8974
15.2	0.8750	0.9037	0.9587	0.9664	0.8537	0.9981	0.9698	0.8352
15.3	0.8845	0.8743	0.9635	0.9738	0.7575	0.9985	0.9762	0.7451
15.4	0.9004	0.8594	0.9660	0.9800	0.6570	0.9986	0.9838	0.7128
15.5	0.9108	0.7904	0.9547	0.9815	0.5973	0.9976	0.9840	0.7012
15.6	0.9093	0.6719	0.8797	0.9725	0.6039	0.9944	0.9749	0.6860
15.7	0.9382	0.7834	0.8411	0.9847	0.7743	0.9917	0.9849	0.7949
15.8	0.9586	0.9090	0.9053	0.9904	0.8948	0.9923	0.9891	0.8992
15.9	0.9643	0.9337	0.9338	0.9935	0.9229	0.9921	0.9923	0.9316
16.0	0.9591	0.8967	0.9196	0.9837	0.8693	0.9864	0.9873	0.8799
16.1	0.9769	0.9304	0.9577	0.9918	0.9146	0.9883	0.9919	0.9131
16.2	0.9826	0.9470	0.9697	0.9939	0.9354	0.9905	0.9925	0.9354
16.3	0.9856	0.9627	0.9827	0.9947	0.9648	0.9948	0.9922	0.9619
16.4	0.9892	0.9706	0.9870	0.9947	0.9745	0.9959	0.9942	0.9716
16.5	0.9832	0.9602	0.9748	0.9863	0.9669	0.9938	0.9842	0.9579

16.6	0.9834	0.9462	0.9811	0.9844	0.9646	0.9906	0.9857	0.9563
16.7	0.9844	0.9324	0.9809	0.9868	0.9593	0.9893	0.9871	0.9533
16.8	0.9807	0.9192	0.9735	0.9878	0.9392	0.9904	0.9821	0.9348
16.9	0.9649	0.8801	0.9600	0.9734	0.9200	0.9836	0.9677	0.9072
17.0	0.9631	0.8072	0.9572	0.9670	0.8958	0.9690	0.9621	0.8665
17.1	0.9506	0.3652	0.9501	0.9547	0.8839	0.9503	0.9534	0.8206
17.2	0.9767	0.4014	0.9848	0.9848	0.9065	0.9670	0.9849	0.8238
17.3	0.9787	0.4281	0.9794	0.9853	0.8626	0.9422	0.9830	0.7397
17.4	0.9813	0.3422	0.9820	0.9855	0.7302	0.9240	0.9836	0.4811
17.5	0.9779	0.2108	0.9884	0.9874	0.4297	0.8969	0.9881	0.3180
17.6	0.9769	0.2975	0.9923	0.9868	0.4075	0.8927	0.9896	0.4768
17.7	0.9654	0.2826	0.9923	0.9882	0.4772	0.8679	0.9864	0.5997
17.8	0.9460	0.4145	0.9918	0.9850	0.5194	0.7704	0.9837	0.6538
17.9	0.9193	0.5345	0.9937	0.9868	0.6289	0.6889	0.9903	0.6618
18.0	0.9124	0.6268	0.9934	0.9863	0.5507	0.6597	0.9876	0.5920
18.1	0.9169	0.5777	0.9936	0.9871	0.5088	0.6991	0.9871	0.5678
18.2	0.9165	0.6430	0.9919	0.9905	0.3267	0.7169	0.9876	0.5624
18.3	0.9074	0.7833	0.9929	0.9890	0.1827	0.8285	0.9884	0.5039
18.4	0.8805	0.8255	0.9904	0.9847	0.0770	0.7301	0.9866	0.4272
18.5	0.7167	0.8646	0.9923	0.9403	0.0859	0.7013	0.9850	0.2128
18.6	0.7259	0.8820	0.9903	0.8254	0.3775	0.8933	0.9737	0.3063
18.7	0.8412	0.8316	0.9876	0.8928	0.1588	0.9460	0.9642	0.4910
18.8	0.8966	0.7730	0.9848	0.9525	0.1187	0.9787	0.9640	0.6914
18.9	0.8906	0.7360	0.9820	0.9703	0.2484	0.9668	0.9616	0.7410
19.0	0.9136	0.8291	0.9848	0.9812	0.3717	0.9688	0.9561	0.7881
19.1	0.9474	0.8568	0.9859	0.9817	0.4093	0.9703	0.9453	0.8673
19.2	0.9471	0.8748	0.9871	0.9811	0.4212	0.9645	0.9483	0.8328
19.3	0.9238	0.7957	0.9819	0.9681	0.2151	0.9301	0.9179	0.8173
19.4	0.9305	0.7938	0.9845	0.9662	0.2736	0.9305	0.9008	0.8346
19.5	0.9505	0.9123	0.9903	0.9780	0.4324	0.9712	0.9289	0.8471
19.6	0.9596	0.9609	0.9929	0.9786	0.5288	0.9857	0.9417	0.8430
19.7	0.9582	0.9668	0.9942	0.9819	0.3975	0.9860	0.9477	0.8429
19.8	0.9751	0.9761	0.9939	0.9858	0.3762	0.9915	0.9558	0.8823
19.9	0.9735	0.9702	0.9902	0.9862	0.1784	0.9905	0.9414	0.8505
20.0	0.9775	0.9717	0.9927	0.9858	0.0311	0.9926	0.9583	0.8239
20.1	0.9808	0.9712	0.9930	0.9862	0.0014	0.9918	0.9677	0.7938
20.2	0.9803	0.9681	0.9893	0.9834	0.0546	0.9923	0.9631	0.7673
20.3	0.9839	0.9753	0.9932	0.9861	0.2789	0.9952	0.9626	0.7901
20.4	0.9884	0.9747	0.9946	0.9884	0.2449	0.9963	0.9734	0.7951
20.5	0.9896	0.9719	0.9938	0.9894	0.3387	0.9968	0.9657	0.7362
20.6	0.9883	0.9705	0.9931	0.9889	0.5327	0.9959	0.9695	0.6922
20.7	0.9867	0.9625	0.9906	0.9861	0.4559	0.9916	0.9660	0.4970
20.8	0.9844	0.9669	0.9899	0.9857	0.4632	0.9916	0.9442	0.3436
20.9	0.9862	0.9665	0.9912	0.9867	0.5936	0.9923	0.9470	0.1966
21.0	0.9871	0.9648	0.9910	0.9773	0.5572	0.9905	0.9468	0.0810
21.1	0.9829	0.9541	0.9887	0.9686	0.3996	0.9919	0.9289	0.0145
21.2	0.9776	0.9625	0.9859	0.9622	0.3763	0.9919	0.9065	0.0170
21.3	0.9778	0.9501	0.9818	0.9389	0.4241	0.9841	0.8800	0.0163
21.4	0.9831	0.9492	0.9861	0.9373	0.4606	0.9891	0.8410	0.0936
21.5	0.9858	0.9550	0.9807	0.9144	0.4945	0.9943	0.7699	0.1608
21.6	0.9863	0.9622	0.9791	0.9098	0.5726	0.9952	0.6730	0.2089
21.7	0.9803	0.9468	0.9718	0.8506	0.4601	0.9915	0.5285	0.1837
21.8	0.9805	0.9498	0.9670	0.8183	0.4386	0.9938	0.3339	0.1532
21.9	0.9803	0.9414	0.9573	0.8093	0.4855	0.9927	0.2757	0.2252
22.0	0.9811	0.9443	0.9591	0.7390	0.4127	0.9935	0.4477	0.2168
22.1	0.9823	0.9435	0.9500	0.6712	0.3633	0.9932	0.6081	0.2996
22.2	0.9838	0.9434	0.9495	0.7046	0.2559	0.9969	0.7779	0.2036
22.3	0.9872	0.9408	0.9365	0.7194	0.1067	0.9958	0.8249	0.0852
22.4	0.9910	0.9565	0.9366	0.8187	0.0334	0.9974	0.8547	0.1523
22.5	0.9893	0.9501	0.9099	0.8809	0.0295	0.9975	0.8807	0.1195
22.6	0.9841	0.9126	0.8567	0.8109	0.0426	0.9961	0.8616	0.0609
22.7	0.9871	0.9026	0.7551	0.8327	0.2859	0.9966	0.8329	0.0741
22.8	0.9872	0.9046	0.7085	0.8837	0.3872	0.9976	0.8656	0.0988
22.9	0.9847	0.8566	0.5068	0.9164	0.4143	0.9971	0.8850	0.1521
23.0	0.9843	0.8296	0.2768	0.9340	0.5260	0.9968	0.9081	0.1076
23.1	0.9877	0.8691	0.0072	0.9437	0.6284	0.9969	0.9034	0.1738
23.2	0.9912	0.9064	0.1132	0.9543	0.7340	0.9986	0.9273	0.2879
23.3	0.9878	0.8517	0.2831	0.9425	0.6965	0.9985	0.9068	0.2687
23.4	0.9922	0.9029	0.6301	0.9598	0.7992	0.9990	0.9238	0.3933
23.5	0.9921	0.8952	0.7381	0.9675	0.8096	0.9987	0.9249	0.3120
23.6	0.9908	0.9207	0.7746	0.9603	0.8132	0.9989	0.9456	0.2874
23.7	0.9914	0.9329	0.8443	0.9700	0.8054	0.9985	0.9567	0.2318
23.8	0.9923	0.9266	0.8830	0.9674	0.8069	0.9980	0.9583	0.1407
23.9	0.9915	0.9295	0.8972	0.9708	0.8605	0.9970	0.9691	0.1623
24.0	0.9924	0.9426	0.9098	0.9720	0.8416	0.9980	0.9616	0.1272
24.1	0.9930	0.9055	0.9201	0.9682	0.8148	0.9972	0.9562	0.0997
24.2	0.9917	0.8909	0.9342	0.9679	0.7881	0.9966	0.9608	0.0684
24.3	0.9827	0.8348	0.8839	0.9420	0.6420	0.9929	0.9248	0.0462
24.4	0.9829	0.7258	0.8547	0.9309	0.5029	0.9859	0.8958	0.1228
24.5	0.9825	0.5342	0.8730	0.9176	0.5220	0.9809	0.9079	0.2267
24.6	0.9823	0.6519	0.9047	0.9249	0.4582	0.9870	0.9400	0.2299
24.7	0.9868	0.8263	0.9181	0.9294	0.4063	0.9891	0.9456	0.3671
24.8	0.9885	0.9099	0.8957	0.9362	0.3831	0.9934	0.9453	0.3261
24.9	0.9887	0.9101	0.8447	0.9536	0.4268	0.9949	0.9360	0.2058
25.0	0.9881	0.9134	0.8367	0.9631	0.4921	0.9957	0.9503	0.2863
25.1	0.9889	0.9070	0.8674	0.9673	0.4968	0.9951	0.9530	0.2765

25.2	0.9811	0.8308	0.8518	0.9558	0.2970	0.9881	0.9480	0.3235
25.3	0.9768	0.8261	0.8096	0.9400	0.1459	0.9801	0.9177	0.3518
25.4	0.9662	0.7409	0.8435	0.9520	0.1496	0.9611	0.9211	0.2348
25.5	0.9636	0.6656	0.9000	0.9573	0.1371	0.9531	0.9073	0.3356
25.6	0.9725	0.7668	0.8780	0.9681	0.1913	0.9721	0.9080	0.3980
25.7	0.9878	0.9247	0.8611	0.9764	0.4443	0.9912	0.9302	0.1701
25.8	0.9920	0.9641	0.7985	0.9852	0.4313	0.9952	0.9591	0.1086
25.9	0.9938	0.9776	0.7635	0.9907	0.3611	0.9969	0.9603	0.3019
26.0	0.9925	0.9717	0.7997	0.9847	0.3501	0.9951	0.9478	0.2338
26.1	0.9929	0.9697	0.7224	0.9835	0.4659	0.9950	0.9450	0.1214
26.2	0.9953	0.9786	0.7691	0.9838	0.6019	0.9978	0.9574	0.0409
26.3	0.9937	0.9780	0.7536	0.9859	0.5253	0.9984	0.9638	0.0001
26.4	0.9939	0.9795	0.7977	0.9899	0.6272	0.9986	0.9688	0.1698
26.5	0.9944	0.9839	0.8300	0.9916	0.7534	0.9985	0.9662	0.2148
26.6	0.9930	0.9773	0.7912	0.9894	0.7026	0.9985	0.9639	0.4673
26.7	0.9957	0.9790	0.8593	0.9887	0.8123	0.9979	0.9548	0.7201
26.8	0.9933	0.9765	0.9051	0.9845	0.8007	0.9970	0.9388	0.8282
26.9	0.9935	0.9659	0.8877	0.9874	0.7352	0.9977	0.9325	0.8039
27.0	0.9955	0.9659	0.8940	0.9865	0.6821	0.9978	0.9553	0.8431
27.1	0.9971	0.9697	0.9317	0.9911	0.7942	0.9987	0.9772	0.9186
27.2	0.9972	0.9628	0.9584	0.9930	0.8657	0.9993	0.9821	0.9432
27.3	0.9963	0.9244	0.9528	0.9912	0.8943	0.9991	0.9805	0.9204
27.4	0.9965	0.8854	0.9519	0.9894	0.9179	0.9990	0.9790	0.9327
27.5	0.9967	0.9020	0.9614	0.9915	0.9303	0.9993	0.9806	0.9382
27.6	0.9967	0.8605	0.9566	0.9903	0.9303	0.9992	0.9775	0.9245
27.7	0.9956	0.7195	0.9504	0.9883	0.9253	0.9986	0.9761	0.9056
27.8	0.9972	0.7523	0.9606	0.9876	0.9516	0.9990	0.9803	0.9348
27.9	0.9972	0.3943	0.9715	0.9877	0.9658	0.9990	0.9819	0.9555
28.0	0.9956	0.0166	0.9600	0.9785	0.9625	0.9983	0.9751	0.9448
28.1	0.9942	0.1813	0.9591	0.9737	0.9654	0.9984	0.9795	0.9297
28.2	0.9957	0.1877	0.9732	0.9787	0.9511	0.9988	0.9770	0.9209
28.3	0.9953	0.0581	0.9701	0.9847	0.9309	0.9984	0.9785	0.8823
28.4	0.9955	0.2831	0.9714	0.9865	0.9173	0.9980	0.9719	0.8398
28.5	0.9958	0.6081	0.9793	0.9886	0.9051	0.9980	0.9780	0.8252
28.6	0.9965	0.7258	0.9808	0.9926	0.8935	0.9984	0.9812	0.8576
28.7	0.9966	0.7370	0.9816	0.9923	0.8977	0.9981	0.9821	0.8357
28.8	0.9961	0.6943	0.9846	0.9915	0.9107	0.9981	0.9821	0.8381
28.9	0.9961	0.7474	0.9851	0.9899	0.8790	0.9976	0.9786	0.8213
29.0	0.9956	0.8166	0.9885	0.9910	0.8298	0.9970	0.9794	0.8303
29.1	0.9960	0.8403	0.9894	0.9936	0.9013	0.9966	0.9861	0.8382
29.2	0.9957	0.8860	0.9858	0.9902	0.9087	0.9964	0.9875	0.8236
29.3	0.9960	0.9205	0.9864	0.9933	0.9127	0.9969	0.9880	0.8665
29.4	0.9967	0.9224	0.9890	0.9944	0.9208	0.9970	0.9851	0.8528
29.5	0.9951	0.9029	0.9877	0.9925	0.9314	0.9965	0.9818	0.8153
29.6	0.9958	0.9206	0.9878	0.9924	0.9371	0.9975	0.9817	0.8314
29.7	0.9965	0.9536	0.9912	0.9930	0.9459	0.9976	0.9869	0.8851
29.8	0.9952	0.9350	0.9905	0.9883	0.9429	0.9969	0.9796	0.8738
29.9	0.9898	0.6819	0.9863	0.9819	0.9352	0.9947	0.9651	0.8271
30.0	0.9930	0.8036	0.9901	0.9844	0.9325	0.9961	0.9787	0.8797
30.1	0.9954	0.9666	0.9925	0.9917	0.9562	0.9976	0.9833	0.9030
30.2	0.9955	0.9477	0.9916	0.9883	0.9176	0.9977	0.9746	0.8743
30.3	0.9965	0.9504	0.9916	0.9869	0.8847	0.9964	0.9669	0.8676
30.4	0.9962	0.9477	0.9921	0.9884	0.8683	0.9947	0.9611	0.8068
30.5	0.9965	0.9287	0.9923	0.9874	0.8938	0.9944	0.9626	0.7846
30.6	0.9946	0.9412	0.9911	0.9891	0.9317	0.9929	0.9704	0.8692
30.7	0.9941	0.9600	0.9901	0.9938	0.9593	0.9939	0.9776	0.9070
30.8	0.9930	0.9679	0.9907	0.9928	0.9652	0.9943	0.9794	0.9178
30.9	0.9921	0.9727	0.9844	0.9930	0.9678	0.9946	0.9825	0.9146
31.0	0.9921	0.9736	0.9859	0.9934	0.9765	0.9943	0.9837	0.9386
31.1	0.9930	0.9718	0.9879	0.9940	0.9713	0.9948	0.9811	0.9312
31.2	0.9919	0.9675	0.9851	0.9920	0.9689	0.9946	0.9762	0.9182
31.3	0.9916	0.9731	0.9866	0.9919	0.9608	0.9936	0.9736	0.8890
31.4	0.9895	0.9635	0.9850	0.9889	0.9536	0.9933	0.9740	0.8776
31.5	0.9848	0.9509	0.9764	0.9867	0.9622	0.9886	0.9674	0.8650
31.6	0.9889	0.9626	0.9811	0.9861	0.9638	0.9896	0.9661	0.8798
31.7	0.9918	0.9603	0.9809	0.9869	0.9506	0.9931	0.9642	0.8845
31.8	0.9878	0.9429	0.9749	0.9881	0.9554	0.9889	0.9610	0.8633
31.9	0.9916	0.9421	0.9769	0.9871	0.9625	0.9889	0.9659	0.8892
32.0	0.9904	0.9093	0.9767	0.9837	0.9544	0.9845	0.9577	0.8676
32.1	0.9925	0.9038	0.9781	0.9795	0.9340	0.9835	0.9586	0.8401
32.2	0.9924	0.8080	0.9683	0.9766	0.9323	0.9733	0.9652	0.8140
32.3	0.9897	0.6842	0.9547	0.9763	0.9229	0.9612	0.9522	0.7619
32.4	0.9904	0.5058	0.9211	0.9694	0.9198	0.9470	0.9562	0.7716
32.5	0.9937	0.4049	0.8646	0.9603	0.9145	0.9437	0.9608	0.7467
32.6	0.9920	0.5889	0.6295	0.9620	0.9167	0.9483	0.9613	0.7240
32.7	0.9942	0.7871	0.1523	0.9766	0.9202	0.9714	0.9702	0.7139
32.8	0.9947	0.8660	0.3809	0.9798	0.9343	0.9770	0.9702	0.6697
32.9	0.9960	0.9135	0.7142	0.9720	0.9380	0.9808	0.9734	0.5581
33.0	0.9965	0.9484	0.8986	0.9785	0.9448	0.9859	0.9791	0.4734
33.1	0.9963	0.9680	0.9428	0.9845	0.9403	0.9885	0.9842	0.4225
33.2	0.9958	0.9792	0.9672	0.9812	0.9568	0.9903	0.9827	0.2533
33.3	0.9963	0.9853	0.9804	0.9830	0.9536	0.9930	0.9788	0.3712
33.4	0.9935	0.9699	0.9599	0.9746	0.8989	0.9863	0.9688	0.3904
33.5	0.9954	0.9824	0.9771	0.9813	0.9013	0.9901	0.9783	0.4635
33.6	0.9949	0.9855	0.9807	0.9840	0.9159	0.9926	0.9856	0.6127
33.7	0.9958	0.9895	0.9865	0.9876	0.8751	0.9928	0.9886	0.7252

33.8	0.9967	0.9880	0.9850	0.9875	0.7767	0.9916	0.9874	0.6469
33.9	0.9971	0.9892	0.9889	0.9852	0.7348	0.9905	0.9865	0.5300
34.0	0.9975	0.9905	0.9884	0.9904	0.7126	0.9914	0.9903	0.5135
34.1	0.9978	0.9942	0.9933	0.9925	0.6339	0.9940	0.9912	0.5242
34.2	0.9974	0.9943	0.9946	0.9928	0.6537	0.9931	0.9907	0.4221
34.3	0.9976	0.9919	0.9921	0.9891	0.5374	0.9894	0.9876	0.2917
34.4	0.9962	0.9861	0.9876	0.9823	0.5554	0.9870	0.9840	0.2515
34.5	0.9971	0.9926	0.9930	0.9899	0.7103	0.9923	0.9907	0.5532
34.6	0.9979	0.9954	0.9953	0.9940	0.8070	0.9956	0.9935	0.7253
34.7	0.9976	0.9953	0.9937	0.9932	0.8367	0.9944	0.9930	0.7181
34.8	0.9972	0.9939	0.9937	0.9922	0.8305	0.9930	0.9915	0.7208
34.9	0.9967	0.9921	0.9934	0.9896	0.8549	0.9943	0.9925	0.7653
35.0	0.9969	0.9919	0.9929	0.9843	0.8785	0.9937	0.9927	0.7985
35.1	0.9975	0.9918	0.9902	0.9832	0.8592	0.9920	0.9937	0.8305
35.2	0.9972	0.9909	0.9884	0.9850	0.8891	0.9939	0.9937	0.8838
35.3	0.9978	0.9919	0.9919	0.9897	0.9071	0.9941	0.9954	0.8929
35.4	0.9967	0.9935	0.9931	0.9883	0.9249	0.9950	0.9949	0.8924
35.5	0.9973	0.9946	0.9931	0.9906	0.9517	0.9955	0.9956	0.9026
35.6	0.9970	0.9937	0.9919	0.9900	0.9518	0.9944	0.9953	0.9027
35.7	0.9962	0.9940	0.9909	0.9883	0.9558	0.9948	0.9947	0.8949
35.8	0.9970	0.9948	0.9918	0.9904	0.9457	0.9945	0.9952	0.8935
35.9	0.9960	0.9934	0.9897	0.9902	0.9498	0.9951	0.9938	0.8772
36.0	0.9965	0.9948	0.9920	0.9915	0.9697	0.9971	0.9950	0.9092
36.1	0.9969	0.9948	0.9907	0.9918	0.9684	0.9965	0.9954	0.9017
36.2	0.9965	0.9936	0.9872	0.9917	0.9651	0.9953	0.9945	0.8848
36.3	0.9975	0.9952	0.9901	0.9936	0.9753	0.9957	0.9964	0.9097
36.4	0.9970	0.9904	0.9884	0.9908	0.9638	0.9929	0.9952	0.8747
36.5	0.9975	0.9926	0.9911	0.9935	0.9686	0.9938	0.9960	0.8934
36.6	0.9980	0.9948	0.9938	0.9943	0.9818	0.9958	0.9971	0.9295
36.7	0.9977	0.9928	0.9944	0.9938	0.9818	0.9958	0.9962	0.9428
36.8	0.9978	0.9931	0.9932	0.9927	0.9803	0.9945	0.9956	0.9458
36.9	0.9980	0.9923	0.9942	0.9935	0.9868	0.9955	0.9962	0.9581
37.0	0.9973	0.9910	0.9922	0.9915	0.9874	0.9950	0.9952	0.9608
37.1	0.9964	0.9935	0.9918	0.9892	0.9857	0.9949	0.9936	0.9669
37.2	0.9959	0.9938	0.9937	0.9888	0.9863	0.9945	0.9927	0.9780
37.3	0.9968	0.9945	0.9945	0.9912	0.9865	0.9938	0.9931	0.9795
37.4	0.9952	0.9932	0.9935	0.9886	0.9840	0.9908	0.9919	0.9620
37.5	0.9953	0.9919	0.9933	0.9894	0.9798	0.9899	0.9933	0.9616
37.6	0.9968	0.9921	0.9942	0.9925	0.9869	0.9917	0.9946	0.9803
37.7	0.9966	0.9922	0.9930	0.9928	0.9899	0.9923	0.9948	0.9791
37.8	0.9956	0.9897	0.9916	0.9911	0.9835	0.9924	0.9937	0.9746
37.9	0.9960	0.9884	0.9926	0.9918	0.9884	0.9922	0.9943	0.9729
38.0	0.9949	0.9860	0.9890	0.9911	0.9845	0.9922	0.9939	0.9646
38.1	0.9960	0.9860	0.9911	0.9920	0.9880	0.9900	0.9933	0.9677
38.2	0.9956	0.9822	0.9917	0.9906	0.9857	0.9858	0.9923	0.9753
38.3	0.9935	0.9730	0.9898	0.9866	0.9815	0.9773	0.9893	0.9556
38.4	0.9946	0.9790	0.9919	0.9886	0.9826	0.9792	0.9905	0.9575
38.5	0.9947	0.9877	0.9927	0.9887	0.9897	0.9809	0.9901	0.9645
38.6	0.9960	0.9916	0.9940	0.9915	0.9898	0.9795	0.9925	0.9673
38.7	0.9945	0.9910	0.9933	0.9899	0.9882	0.9694	0.9903	0.9485
38.8	0.9964	0.9894	0.9942	0.9929	0.9906	0.9769	0.9934	0.9636
38.9	0.9971	0.9923	0.9948	0.9949	0.9929	0.9796	0.9947	0.9577
39.0	0.9954	0.9916	0.9927	0.9916	0.9871	0.9707	0.9918	0.9256
39.1	0.9955	0.9935	0.9932	0.9918	0.9907	0.9804	0.9922	0.9296
39.2	0.9953	0.9938	0.9942	0.9920	0.9936	0.9890	0.9930	0.9398
39.3	0.9967	0.9933	0.9946	0.9942	0.9929	0.9908	0.9950	0.9538
39.4	0.9966	0.9934	0.9913	0.9926	0.9861	0.9869	0.9928	0.9192
39.5	0.9953	0.9912	0.9915	0.9913	0.9894	0.9900	0.9923	0.9267
39.6	0.9947	0.9892	0.9916	0.9907	0.9910	0.9913	0.9915	0.9010
39.7	0.9964	0.9919	0.9937	0.9942	0.9901	0.9930	0.9945	0.8451
39.8	0.9959	0.9939	0.9933	0.9936	0.9875	0.9916	0.9945	0.8383
39.9	0.9951	0.9915	0.9921	0.9929	0.9858	0.9936	0.9942	0.8663
40.0	0.9955	0.9871	0.9924	0.9932	0.9874	0.9932	0.9939	0.8827
40.1	0.9942	0.9817	0.9864	0.9910	0.9819	0.9902	0.9916	0.8413
40.2	0.9955	0.9866	0.9903	0.9932	0.9888	0.9931	0.9936	0.8648
40.3	0.9971	0.9874	0.9943	0.9959	0.9915	0.9954	0.9960	0.7860
40.4	0.9974	0.9743	0.9936	0.9961	0.9881	0.9929	0.9954	0.5225
40.5	0.9972	0.9802	0.9941	0.9958	0.9899	0.9943	0.9960	0.8429
40.6	0.9971	0.9749	0.9942	0.9964	0.9919	0.9955	0.9963	0.9143
40.7	0.9979	0.9714	0.9947	0.9973	0.9927	0.9964	0.9967	0.9443
40.8	0.9970	0.9356	0.9907	0.9951	0.9904	0.9935	0.9944	0.9360
40.9	0.9973	0.8745	0.9928	0.9954	0.9826	0.9946	0.9963	0.9470
41.0	0.9963	0.6585	0.9930	0.9942	0.9769	0.9945	0.9964	0.9547
41.1	0.9970	0.1561	0.9932	0.9963	0.9813	0.9947	0.9971	0.9449
41.2	0.9971	0.4203	0.9944	0.9958	0.9909	0.9942	0.9971	0.9449
41.3	0.9931	0.7155	0.9877	0.9909	0.9836	0.9852	0.9948	0.9228
41.4	0.9926	0.8924	0.9884	0.9935	0.9720	0.9870	0.9934	0.9626
41.5	0.9942	0.9087	0.9890	0.9924	0.9820	0.9852	0.9938	0.9540
41.6	0.9949	0.9502	0.9865	0.9917	0.9910	0.9883	0.9945	0.9539
41.7	0.9949	0.9542	0.9886	0.9942	0.9892	0.9864	0.9955	0.9294
41.8	0.9929	0.9488	0.9838	0.9913	0.9900	0.9854	0.9950	0.9039
41.9	0.9892	0.9087	0.9843	0.9854	0.9952	0.9924	0.9920	0.7630
42.0	0.9948	0.9302	0.9912	0.9951	0.9913	0.9921	0.9964	0.9185
42.1	0.9948	0.9710	0.9805	0.9965	0.9926	0.9896	0.9968	0.9759
42.2	0.9956	0.9755	0.9746	0.9977	0.9914	0.9743	0.9976	0.9785
42.3	0.9970	0.9794	0.9829	0.9980	0.9933	0.9749	0.9976	0.9771

42.4	0.9974	0.9879	0.9887	0.9976	0.9927	0.9908	0.9971	0.9841
42.5	0.9965	0.9890	0.9860	0.9981	0.9947	0.9921	0.9979	0.9895
42.6	0.9968	0.9831	0.9803	0.9977	0.9948	0.9846	0.9969	0.9753
42.7	0.9971	0.9847	0.9785	0.9952	0.9956	0.9801	0.9960	0.9508
42.8	0.9969	0.9778	0.9608	0.9926	0.9940	0.9544	0.9940	0.8864
42.9	0.9948	0.9766	0.9491	0.9889	0.9881	0.9540	0.9900	0.8253
43.0	0.9942	0.9825	0.9815	0.9946	0.9924	0.9907	0.9931	0.9303
43.1	0.9945	0.9767	0.9792	0.9949	0.9940	0.9896	0.9944	0.9580
43.2	0.9805	0.9532	0.9737	0.9964	0.9799	0.9569	0.9948	0.8644
43.3	0.9725	0.9535	0.9754	0.9949	0.9675	0.9701	0.9927	0.8085
43.4	0.9863	0.9605	0.9812	0.9940	0.9704	0.9908	0.9916	0.9563
43.5	0.9910	0.9742	0.9783	0.9910	0.9649	0.9909	0.9898	0.9786
43.6	0.9871	0.9521	0.9728	0.9867	0.9756	0.9905	0.9878	0.9796
43.7	0.9936	0.9803	0.9804	0.9950	0.9914	0.9931	0.9952	0.9890
43.8	0.9971	0.9842	0.9845	0.9972	0.9935	0.9958	0.9975	0.9897
43.9	0.9934	0.9660	0.9781	0.9974	0.9925	0.9904	0.9969	0.9817
44.0	0.9894	0.9602	0.9307	0.9969	0.9909	0.9934	0.9971	0.9665
44.1	0.9899	0.9672	0.9322	0.9972	0.9650	0.9967	0.9954	0.9362
44.2	0.9916	0.9679	0.9520	0.9942	0.9663	0.9897	0.9931	0.9564
44.3	0.9933	0.9845	0.9424	0.9959	0.9918	0.9900	0.9967	0.9915
44.4	0.9895	0.9863	0.9459	0.9969	0.9942	0.9866	0.9976	0.9934
44.5	0.9929	0.9895	0.9226	0.9981	0.9916	0.9868	0.9977	0.9883
44.6	0.9927	0.9842	0.9213	0.9950	0.9907	0.9947	0.9952	0.9782
44.7	0.9937	0.9831	0.9386	0.9972	0.9921	0.9965	0.9962	0.9678
44.8	0.9893	0.9501	0.9250	0.9952	0.9905	0.9880	0.9954	0.9455
44.9	0.9849	0.9172	0.9276	0.9965	0.9851	0.9692	0.9942	0.9642
45.0	0.9906	0.9548	0.9053	0.9970	0.9864	0.9710	0.9929	0.9774
45.1	0.9968	0.9779	0.9369	0.9976	0.9928	0.9922	0.9961	0.9776
45.2	0.9952	0.9703	0.9253	0.9974	0.9874	0.9945	0.9962	0.9781
45.3	0.9928	0.9493	0.8694	0.9971	0.9813	0.9920	0.9959	0.9690
45.4	0.9954	0.9419	0.8779	0.9963	0.9845	0.9912	0.9948	0.9768
45.5	0.9898	0.9642	0.8710	0.9928	0.9789	0.9910	0.9932	0.9710
45.6	0.9903	0.9553	0.9053	0.9906	0.9779	0.9887	0.9900	0.9818
45.7	0.9934	0.9598	0.9208	0.9930	0.9842	0.9856	0.9904	0.9878
45.8	0.9926	0.9804	0.8260	0.9955	0.9904	0.9829	0.9934	0.9853
45.9	0.9928	0.9858	0.8931	0.9963	0.9909	0.9925	0.9952	0.9818
46.0	0.9927	0.9734	0.9075	0.9968	0.9819	0.9920	0.9944	0.9794
46.1	0.9954	0.9785	0.9238	0.9971	0.9881	0.9934	0.9953	0.9849
46.2	0.9963	0.9833	0.9469	0.9976	0.9908	0.9941	0.9959	0.9882
46.3	0.9917	0.9839	0.9396	0.9980	0.9897	0.9841	0.9949	0.9862
46.4	0.9927	0.9890	0.9551	0.9988	0.9930	0.9892	0.9970	0.9885
46.5	0.9919	0.9845	0.9559	0.9989	0.9921	0.9851	0.9955	0.9735
46.6	0.9957	0.9867	0.9542	0.9982	0.9896	0.9817	0.9935	0.9728
46.7	0.9919	0.9875	0.9222	0.9947	0.9863	0.9533	0.9909	0.9828
46.8	0.9936	0.9907	0.9521	0.9958	0.9885	0.9720	0.9929	0.9884
46.9	0.9954	0.9877	0.9614	0.9969	0.9911	0.9888	0.9957	0.9897
47.0	0.9902	0.9893	0.9334	0.9982	0.9918	0.9952	0.9973	0.9899
47.1	0.9917	0.9865	0.9555	0.9967	0.9852	0.9854	0.9956	0.9893
47.2	0.9958	0.9864	0.9760	0.9963	0.9825	0.9829	0.9935	0.9884
47.3	0.9945	0.9849	0.9661	0.9967	0.9835	0.9863	0.9932	0.9845
47.4	0.9954	0.9908	0.9730	0.9983	0.9909	0.9955	0.9968	0.9909
47.5	0.9946	0.9906	0.9605	0.9981	0.9907	0.9937	0.9973	0.9906
47.6	0.9928	0.9900	0.9584	0.9987	0.9926	0.9960	0.9979	0.9861
47.7	0.9890	0.9908	0.9349	0.9977	0.9900	0.9847	0.9961	0.9867
47.8	0.9914	0.9942	0.9411	0.9977	0.9898	0.9867	0.9960	0.9904
47.9	0.9910	0.9935	0.9586	0.9986	0.9909	0.9911	0.9974	0.9929
48.0	0.9838	0.9916	0.9421	0.9988	0.9874	0.9938	0.9966	0.9884
48.1	0.9904	0.9913	0.9487	0.9989	0.9901	0.9962	0.9977	0.9894
48.2	0.9940	0.9937	0.9594	0.9989	0.9947	0.9956	0.9986	0.9920
48.3	0.9919	0.9932	0.9578	0.9980	0.9936	0.9870	0.9979	0.9870
48.4	0.9907	0.9944	0.9670	0.9988	0.9932	0.9902	0.9982	0.9852
48.5	0.9934	0.9954	0.9551	0.9986	0.9948	0.9939	0.9984	0.9927
48.6	0.9856	0.9958	0.9503	0.9986	0.9956	0.9893	0.9987	0.9917
48.7	0.9668	0.9950	0.9379	0.9984	0.9914	0.9922	0.9974	0.9836
48.8	0.9727	0.9932	0.9465	0.9985	0.9909	0.9925	0.9976	0.9859
48.9	0.9873	0.9955	0.9639	0.9987	0.9935	0.9935	0.9987	0.9908
49.0	0.9848	0.9964	0.9604	0.9981	0.9944	0.9921	0.9985	0.9938
49.1	0.9770	0.9954	0.9542	0.9975	0.9954	0.9880	0.9984	0.9917
49.2	0.9725	0.9937	0.9441	0.9984	0.9941	0.9917	0.9985	0.9946
49.3	0.9813	0.9940	0.9526	0.9987	0.9956	0.9952	0.9982	0.9925
49.4	0.9830	0.9941	0.9633	0.9989	0.9957	0.9949	0.9987	0.9913
49.5	0.9792	0.9925	0.9605	0.9984	0.9942	0.9919	0.9983	0.9882
49.6	0.9840	0.9915	0.9338	0.9976	0.9927	0.9873	0.9975	0.9847
49.7	0.9847	0.9945	0.9256	0.9978	0.9917	0.9916	0.9974	0.9899
49.8	0.9865	0.9940	0.9554	0.9972	0.9919	0.9872	0.9981	0.9916
49.9	0.9898	0.9939	0.9533	0.9981	0.9942	0.9939	0.9986	0.9915
50.0	0.9869	0.9947	0.9410	0.9983	0.9936	0.9973	0.9987	0.9919
50.1	0.9813	0.9917	0.9246	0.9982	0.9918	0.9973	0.9979	0.9859
50.2	0.9865	0.9946	0.9429	0.9984	0.9924	0.9978	0.9979	0.9899
50.3	0.9895	0.9915	0.9554	0.9986	0.9883	0.9977	0.9984	0.9829
50.4	0.9914	0.9920	0.9582	0.9986	0.9897	0.9933	0.9983	0.9829
50.5	0.9888	0.9888	0.9364	0.9970	0.9893	0.9802	0.9966	0.9735
50.6	0.9867	0.9904	0.9233	0.9975	0.9822	0.9906	0.9974	0.9673
50.7	0.9918	0.9931	0.9499	0.9986	0.9880	0.9967	0.9988	0.9824
50.8	0.9856	0.9928	0.9538	0.9983	0.9803	0.9933	0.9985	0.9648
50.9	0.9896	0.9944	0.9580	0.9974	0.9886	0.9926	0.9986	0.9561

51.0	0.9884	0.9930	0.9325	0.9977	0.9890	0.9950	0.9984	0.9804
51.1	0.9879	0.9933	0.9315	0.9988	0.9898	0.9982	0.9985	0.9776
51.2	0.9843	0.9937	0.9302	0.9977	0.9857	0.9958	0.9982	0.9217
51.3	0.9866	0.9926	0.9375	0.9975	0.9879	0.9959	0.9979	0.9224
51.4	0.9871	0.9940	0.9454	0.9982	0.9916	0.9974	0.9984	0.9730
51.5	0.9856	0.9938	0.9358	0.9986	0.9923	0.9983	0.9984	0.9752
51.6	0.9821	0.9898	0.9377	0.9980	0.9895	0.9979	0.9982	0.9512
51.7	0.9848	0.9900	0.9394	0.9981	0.9857	0.9975	0.9985	0.9245
51.8	0.9851	0.9915	0.9512	0.9986	0.9852	0.9956	0.9987	0.9639
51.9	0.9826	0.9891	0.9368	0.9978	0.9865	0.9971	0.9985	0.9800
52.0	0.9865	0.9884	0.9407	0.9983	0.9864	0.9988	0.9981	0.9783
52.1	0.9817	0.9877	0.9445	0.9986	0.9881	0.9975	0.9984	0.9763
52.2	0.9780	0.9900	0.9311	0.9974	0.9856	0.9934	0.9985	0.9526
52.3	0.9676	0.9909	0.9285	0.9971	0.9906	0.9949	0.9985	0.9692
52.4	0.9632	0.9892	0.9228	0.9984	0.9919	0.9978	0.9987	0.9708
52.5	0.9711	0.9879	0.9418	0.9986	0.9904	0.9982	0.9989	0.9588
52.6	0.9565	0.9871	0.9372	0.9975	0.9832	0.9977	0.9983	0.9168
52.7	0.9585	0.9840	0.9267	0.9976	0.9822	0.9980	0.9982	0.8208
52.8	0.9515	0.9834	0.9299	0.9971	0.9853	0.9984	0.9980	0.9104
52.9	0.9480	0.9782	0.9355	0.9976	0.9847	0.9981	0.9979	0.9452
53.0	0.8776	0.9732	0.9348	0.9970	0.9765	0.9955	0.9979	0.9173
53.1	0.8190	0.9741	0.9254	0.9963	0.9781	0.9972	0.9981	0.9060
53.2	0.8159	0.9749	0.9153	0.9959	0.9862	0.9978	0.9980	0.8898
53.3	0.8216	0.9633	0.9100	0.9936	0.9740	0.9944	0.9967	0.7851
53.4	0.8829	0.9598	0.9267	0.9947	0.9679	0.9953	0.9969	0.8668
53.5	0.7551	0.9716	0.9296	0.9934	0.9515	0.9924	0.9968	0.8851
53.6	0.8547	0.9766	0.9457	0.9934	0.9790	0.9945	0.9977	0.9293
53.7	0.9134	0.9744	0.9499	0.9933	0.9867	0.9974	0.9983	0.9694
53.8	0.9440	0.9686	0.9501	0.9936	0.9796	0.9979	0.9976	0.9659
53.9	0.9648	0.9699	0.9562	0.9942	0.9791	0.9974	0.9970	0.9664
54.0	0.9570	0.9464	0.9579	0.9936	0.9768	0.9972	0.9975	0.9585
54.1	0.9671	0.8797	0.9464	0.9937	0.9779	0.9953	0.9971	0.8466
54.2	0.9795	0.8953	0.9468	0.9956	0.9823	0.9950	0.9980	0.9012
54.3	0.9642	0.8425	0.9330	0.9948	0.9697	0.9928	0.9974	0.9506
54.4	0.9561	0.7781	0.9183	0.9951	0.9760	0.9942	0.9976	0.9692
54.5	0.9642	0.7007	0.9123	0.9952	0.9763	0.9937	0.9974	0.9768
54.6	0.9710	0.6428	0.9154	0.9957	0.9793	0.9951	0.9976	0.9857
54.7	0.9716	0.4420	0.8509	0.9962	0.9794	0.9960	0.9977	0.9836
54.8	0.9790	0.3263	0.8472	0.9971	0.9813	0.9978	0.9987	0.9839
54.9	0.9813	0.5855	0.7891	0.9973	0.9815	0.9981	0.9985	0.9894
55.0	0.9696	0.7418	0.6278	0.9959	0.9635	0.9972	0.9979	0.9826
55.1	0.9576	0.8283	0.6381	0.9928	0.9496	0.9960	0.9971	0.9833
55.2	0.9662	0.8955	0.7044	0.9943	0.9543	0.9965	0.9971	0.9868
55.3	0.9717	0.9110	0.6803	0.9961	0.9596	0.9969	0.9974	0.9908
55.4	0.9755	0.9301	0.7793	0.9961	0.9524	0.9968	0.9978	0.9868
55.5	0.9834	0.9519	0.8477	0.9976	0.9631	0.9973	0.9985	0.9849
55.6	0.9768	0.9619	0.7968	0.9961	0.9642	0.9976	0.9981	0.9826
55.7	0.9738	0.9615	0.7565	0.9953	0.9604	0.9978	0.9975	0.9855
55.8	0.9726	0.9573	0.8007	0.9940	0.9519	0.9973	0.9969	0.9868
55.9	0.9774	0.9516	0.8351	0.9959	0.9490	0.9981	0.9979	0.9902
56.0	0.9831	0.9628	0.8754	0.9965	0.9553	0.9983	0.9984	0.9953
56.1	0.9749	0.9537	0.8468	0.9941	0.9371	0.9977	0.9975	0.9915
56.2	0.9711	0.9371	0.7531	0.9945	0.9367	0.9970	0.9978	0.9897
56.3	0.9786	0.9456	0.8004	0.9966	0.9409	0.9981	0.9982	0.9923
56.4	0.9785	0.9364	0.8484	0.9961	0.9311	0.9987	0.9987	0.9938
56.5	0.9802	0.9342	0.7974	0.9959	0.9131	0.9989	0.9988	0.9934
56.6	0.9711	0.8977	0.7715	0.9954	0.8983	0.9981	0.9981	0.9930
56.7	0.9746	0.9009	0.7038	0.9953	0.8984	0.9976	0.9983	0.9924
56.8	0.9734	0.9043	0.6448	0.9961	0.9057	0.9979	0.9986	0.9928
56.9	0.9670	0.8847	0.6995	0.9956	0.8786	0.9981	0.9986	0.9911
57.0	0.9677	0.8315	0.7233	0.9941	0.8257	0.9977	0.9979	0.9891
57.1	0.9749	0.6393	0.6963	0.9952	0.8016	0.9982	0.9981	0.9906
57.2	0.9731	0.3095	0.6790	0.9947	0.8181	0.9978	0.9977	0.9899
57.3	0.9779	0.2980	0.7259	0.9965	0.8673	0.9989	0.9978	0.9928
57.4	0.9782	0.2313	0.7573	0.9964	0.8014	0.9989	0.9981	0.9907
57.5	0.9783	0.3780	0.7076	0.9965	0.7745	0.9981	0.9974	0.9912
57.6	0.9711	0.6220	0.7223	0.9958	0.7619	0.9981	0.9969	0.9888
57.7	0.9703	0.6668	0.6959	0.9962	0.8026	0.9982	0.9979	0.9901
57.8	0.9670	0.7453	0.7419	0.9947	0.8114	0.9979	0.9965	0.9900
57.9	0.9612	0.7551	0.7326	0.9946	0.7704	0.9976	0.9956	0.9881
58.0	0.9659	0.7996	0.7350	0.9959	0.8159	0.9978	0.9957	0.9846
58.1	0.9796	0.8747	0.8198	0.9978	0.8812	0.9980	0.9976	0.9890
58.2	0.9810	0.9130	0.8030	0.9973	0.8270	0.9976	0.9972	0.9807
58.3	0.9735	0.9498	0.8106	0.9978	0.7447	0.9966	0.9975	0.9750
58.4	0.9704	0.9505	0.8199	0.9977	0.8979	0.9979	0.9972	0.9870
58.5	0.9531	0.9320	0.7983	0.9962	0.9173	0.9970	0.9950	0.9872
58.6	0.9385	0.9347	0.8092	0.9964	0.9117	0.9967	0.9942	0.9857
58.7	0.9228	0.9491	0.8692	0.9968	0.9220	0.9979	0.9950	0.9858
58.8	0.9479	0.9682	0.8803	0.9975	0.9570	0.9979	0.9966	0.9869
58.9	0.9153	0.9290	0.8166	0.9969	0.9353	0.9965	0.9959	0.9791
59.0	0.6542	0.7465	0.8291	0.9951	0.7880	0.9883	0.9930	0.9146
59.1	0.7094	0.8054	0.8346	0.9954	0.8211	0.9919	0.9924	0.9271
59.2	0.9394	0.9588	0.8722	0.9968	0.9414	0.9977	0.9956	0.9851
59.3	0.9392	0.9620	0.8393	0.9968	0.9349	0.9978	0.9963	0.9820
59.4	0.9329	0.9609	0.8794	0.9974	0.9327	0.9970	0.9967	0.9775
59.5	0.9154	0.9628	0.8463	0.9977	0.9418	0.9961	0.9961	0.9810

59.6	0.9250	0.9691	0.8272	0.9980	0.9531	0.9970	0.9955	0.9776
59.7	0.9550	0.9778	0.9032	0.9984	0.9652	0.9975	0.9953	0.9822
59.8	0.8709	0.9699	0.9197	0.9983	0.9334	0.9959	0.9945	0.9724
59.9	0.8122	0.9552	0.8810	0.9977	0.9005	0.9945	0.9506	0.8386
60.0	0.8897	0.9574	0.8905	0.9971	0.9354	0.9948	0.8301	0.6321
60.1	0.9058	0.9725	0.9110	0.9986	0.9623	0.9966	0.9527	0.8447
60.2	0.9108	0.9839	0.9047	0.9982	0.9664	0.9973	0.9955	0.9788
60.3	0.8830	0.9857	0.8770	0.9978	0.9691	0.9972	0.9957	0.9745
60.4	0.8894	0.9828	0.8742	0.9975	0.9673	0.9968	0.9952	0.9721
60.5	0.8972	0.9870	0.8405	0.9978	0.9760	0.9971	0.9967	0.9670
60.6	0.8125	0.9899	0.8117	0.9971	0.9834	0.9958	0.9971	0.9760
60.7	0.7125	0.9858	0.7835	0.9966	0.9814	0.9933	0.9953	0.9788
60.8	0.7399	0.9880	0.7609	0.9974	0.9818	0.9915	0.9961	0.9660
60.9	0.8006	0.9907	0.8277	0.9979	0.9861	0.9957	0.9966	0.9718
61.0	0.8247	0.9918	0.8801	0.9981	0.9893	0.9973	0.9965	0.9776
61.1	0.7368	0.9873	0.8165	0.9970	0.9857	0.9953	0.9947	0.9547
61.2	0.8095	0.9897	0.8364	0.9976	0.9875	0.9925	0.9951	0.9494
61.3	0.8485	0.9899	0.7646	0.9975	0.9898	0.9909	0.9948	0.9436
61.4	0.8589	0.9917	0.8042	0.9980	0.9892	0.9934	0.9950	0.9576
61.5	0.8943	0.9955	0.8548	0.9984	0.9904	0.9961	0.9973	0.9745
61.6	0.9001	0.9950	0.8981	0.9984	0.9914	0.9959	0.9966	0.9701
61.7	0.8978	0.9949	0.8817	0.9983	0.9918	0.9954	0.9961	0.9617
61.8	0.9026	0.9960	0.8261	0.9984	0.9911	0.9950	0.9970	0.9634
61.9	0.9072	0.9955	0.7972	0.9979	0.9870	0.9942	0.9962	0.9372
62.0	0.9219	0.9953	0.8733	0.9975	0.9871	0.9951	0.9966	0.9318
62.1	0.9111	0.9944	0.7906	0.9974	0.9856	0.9928	0.9962	0.9268
62.2	0.9205	0.9946	0.7481	0.9975	0.9827	0.9937	0.9964	0.9399
62.3	0.9311	0.9958	0.8700	0.9977	0.9861	0.9954	0.9972	0.9486
62.4	0.9085	0.9952	0.8684	0.9977	0.9829	0.9951	0.9963	0.9549
62.5	0.9258	0.9950	0.7953	0.9978	0.9810	0.9953	0.9952	0.9608
62.6	0.9484	0.9941	0.7987	0.9972	0.9827	0.9942	0.9962	0.9551
62.7	0.9265	0.9923	0.7786	0.9968	0.9756	0.9940	0.9955	0.9539
62.8	0.9397	0.9950	0.8205	0.9972	0.9777	0.9946	0.9953	0.9415
62.9	0.9420	0.9932	0.7571	0.9970	0.9752	0.9907	0.9955	0.9378
63.0	0.9557	0.9939	0.7336	0.9976	0.9796	0.9916	0.9964	0.9516
63.1	0.9677	0.9950	0.7864	0.9979	0.9839	0.9929	0.9973	0.9582
63.2	0.9489	0.9940	0.7503	0.9965	0.9813	0.9898	0.9965	0.9392
63.3	0.9532	0.9933	0.7286	0.9956	0.9786	0.9899	0.9960	0.9328
63.4	0.9733	0.9958	0.8163	0.9971	0.9866	0.9922	0.9967	0.9579
63.5	0.9798	0.9972	0.8630	0.9981	0.9885	0.9938	0.9965	0.9606
63.6	0.9735	0.9964	0.8365	0.9981	0.9875	0.9943	0.9956	0.9661
63.7	0.9681	0.9948	0.7442	0.9978	0.9850	0.9935	0.9952	0.9597
63.8	0.9734	0.9948	0.7358	0.9974	0.9846	0.9921	0.9965	0.9629
63.9	0.9757	0.9952	0.7509	0.9974	0.9878	0.9922	0.9972	0.9685
64.0	0.9806	0.9960	0.7670	0.9980	0.9909	0.9943	0.9965	0.9696
64.1	0.9772	0.9957	0.6784	0.9976	0.9899	0.9924	0.9971	0.9685
64.2	0.9767	0.9945	0.6944	0.9974	0.9864	0.9914	0.9977	0.9546
64.3	0.9780	0.9944	0.7691	0.9973	0.9882	0.9931	0.9974	0.9498
64.4	0.9723	0.9954	0.7663	0.9973	0.9911	0.9935	0.9968	0.9165
64.5	0.9757	0.9965	0.7379	0.9982	0.9900	0.9939	0.9968	0.9146
64.6	0.9745	0.9954	0.7737	0.9971	0.9915	0.9933	0.9967	0.9151
64.7	0.9782	0.9966	0.8042	0.9978	0.9938	0.9937	0.9963	0.9262
64.8	0.9757	0.9970	0.7976	0.9981	0.9935	0.9952	0.9968	0.9123
64.9	0.9731	0.9967	0.8142	0.9978	0.9918	0.9956	0.9968	0.9034
65.0	0.9747	0.9970	0.8326	0.9980	0.9934	0.9944	0.9967	0.9199
65.1	0.9706	0.9976	0.7586	0.9981	0.9938	0.9950	0.9973	0.8952
65.2	0.9699	0.9977	0.7128	0.9983	0.9921	0.9950	0.9977	0.8858
65.3	0.9662	0.9979	0.8031	0.9985	0.9910	0.9938	0.9975	0.8943
65.4	0.9675	0.9977	0.7930	0.9978	0.9938	0.9957	0.9971	0.8770
65.5	0.9555	0.9969	0.7071	0.9970	0.9936	0.9954	0.9972	0.8847
65.6	0.9623	0.9959	0.6781	0.9970	0.9910	0.9926	0.9975	0.8777
65.7	0.9631	0.9967	0.6943	0.9977	0.9921	0.9938	0.9978	0.9082
65.8	0.9671	0.9965	0.6741	0.9978	0.9917	0.9937	0.9977	0.9141
65.9	0.9652	0.9962	0.7695	0.9980	0.9910	0.9954	0.9979	0.9122
66.0	0.9554	0.9967	0.7324	0.9979	0.9918	0.9938	0.9972	0.8790
66.1	0.9525	0.9968	0.6477	0.9976	0.9928	0.9925	0.9964	0.8213
66.2	0.9578	0.9973	0.6004	0.9978	0.9925	0.9946	0.9968	0.8417
66.3	0.9641	0.9966	0.6661	0.9985	0.9924	0.9960	0.9977	0.8955
66.4	0.9611	0.9948	0.6599	0.9974	0.9881	0.9943	0.9959	0.8592
66.5	0.9682	0.9955	0.6734	0.9969	0.9920	0.9943	0.9966	0.8867
66.6	0.9671	0.9963	0.7596	0.9979	0.9955	0.9938	0.9977	0.8557
66.7	0.9644	0.9964	0.6832	0.9979	0.9944	0.9946	0.9972	0.8243
66.8	0.9535	0.9961	0.5484	0.9971	0.9944	0.9929	0.9974	0.8282
66.9	0.9544	0.9965	0.5973	0.9973	0.9949	0.9938	0.9973	0.8123
67.0	0.9544	0.9955	0.5040	0.9974	0.9935	0.9939	0.9969	0.8092
67.1	0.9380	0.9940	0.5718	0.9969	0.9909	0.9923	0.9972	0.7459
67.2	0.9595	0.9953	0.6625	0.9977	0.9935	0.9945	0.9977	0.7664
67.3	0.9529	0.9968	0.6234	0.9977	0.9939	0.9939	0.9981	0.7474
67.4	0.9635	0.9981	0.5727	0.9981	0.9956	0.9947	0.9982	0.8138
67.5	0.9547	0.9970	0.5471	0.9982	0.9945	0.9940	0.9979	0.8264
67.6	0.9351	0.9973	0.5314	0.9981	0.9933	0.9955	0.9975	0.7810
67.7	0.9352	0.9965	0.5345	0.9979	0.9922	0.9942	0.9964	0.7979
67.8	0.9398	0.9951	0.4177	0.9972	0.9937	0.9906	0.9959	0.7746
67.9	0.9511	0.9964	0.4925	0.9973	0.9945	0.9931	0.9963	0.8118
68.0	0.9513	0.9965	0.5138	0.9974	0.9932	0.9949	0.9966	0.8221
68.1	0.9412	0.9939	0.4601	0.9969	0.9913	0.9925	0.9962	0.8161

68.2	0.9514	0.9940	0.4103	0.9973	0.9920	0.9916	0.9964	0.8326
68.3	0.9560	0.9932	0.6050	0.9972	0.9898	0.9913	0.9959	0.7492
68.4	0.9454	0.9945	0.5876	0.9964	0.9865	0.9898	0.9951	0.7273
68.5	0.9492	0.9942	0.4467	0.9972	0.9850	0.9914	0.9955	0.7883
68.6	0.9654	0.9956	0.5967	0.9980	0.9893	0.9932	0.9965	0.8433
68.7	0.9511	0.9941	0.6015	0.9974	0.9892	0.9902	0.9949	0.7624
68.8	0.9594	0.9931	0.6313	0.9973	0.9902	0.9908	0.9964	0.7924
68.9	0.9592	0.9942	0.7342	0.9973	0.9886	0.9934	0.9967	0.8240
69.0	0.9576	0.9950	0.7000	0.9974	0.9915	0.9932	0.9960	0.8178
69.1	0.9241	0.9932	0.6398	0.9970	0.9878	0.9925	0.9926	0.7776
69.2	0.9155	0.9937	0.7594	0.9974	0.9867	0.9932	0.9956	0.7618
69.3	0.9077	0.9938	0.8006	0.9973	0.9866	0.9934	0.9958	0.8135
69.4	0.8455	0.9936	0.7592	0.9966	0.9817	0.9920	0.9942	0.8105
69.5	0.7719	0.9941	0.7802	0.9972	0.9792	0.9927	0.9954	0.8619
69.6	0.7146	0.9933	0.8085	0.9968	0.9824	0.9919	0.9954	0.8604
69.7	0.6133	0.9930	0.8258	0.9972	0.9796	0.9918	0.9954	0.8486
69.8	0.5997	0.9936	0.8217	0.9956	0.9774	0.9941	0.9929	0.8853
69.9	0.6543	0.9943	0.8707	0.9964	0.9778	0.9929	0.9937	0.9065
70.0	0.7602	0.9945	0.8728	0.9968	0.9796	0.9920	0.9964	0.9245
70.1	0.7865	0.9932	0.8641	0.9963	0.9816	0.9905	0.9951	0.9215
70.2	0.8517	0.9939	0.8651	0.9967	0.9796	0.9908	0.9952	0.9003
70.3	0.8476	0.9931	0.8455	0.9959	0.9605	0.9907	0.9924	0.8879
70.4	0.8609	0.9924	0.8720	0.9961	0.9581	0.9907	0.9939	0.9408
70.5	0.8786	0.9937	0.8886	0.9961	0.9660	0.9925	0.9945	0.9162
70.6	0.9037	0.9953	0.9058	0.9964	0.9695	0.9924	0.9949	0.9146
70.7	0.8947	0.9916	0.8770	0.9956	0.9571	0.9887	0.9916	0.8802
70.8	0.9380	0.9916	0.8759	0.9932	0.9451	0.9879	0.9926	0.8633
70.9	0.9610	0.9957	0.9268	0.9951	0.9648	0.9929	0.9948	0.9186
71.0	0.9488	0.9954	0.9436	0.9963	0.9673	0.9933	0.9954	0.9274
71.1	0.9552	0.9954	0.9374	0.9956	0.9597	0.9911	0.9941	0.9089
71.2	0.9654	0.9949	0.9364	0.9959	0.9576	0.9913	0.9938	0.9171
71.3	0.9551	0.9944	0.9357	0.9953	0.9551	0.9927	0.9932	0.9269
71.4	0.9522	0.9943	0.9383	0.9960	0.9510	0.9934	0.9932	0.9153
71.5	0.9550	0.9950	0.9359	0.9954	0.9576	0.9935	0.9925	0.9266
71.6	0.9473	0.9965	0.9418	0.9962	0.9519	0.9939	0.9943	0.9497
71.7	0.9296	0.9952	0.9328	0.9950	0.9253	0.9940	0.9921	0.9253
71.8	0.9404	0.9939	0.9376	0.9941	0.9359	0.9914	0.9915	0.9363
71.9	0.9174	0.9923	0.9286	0.9918	0.9171	0.9898	0.9900	0.9305
72.0	0.9203	0.9948	0.9493	0.9941	0.9137	0.9908	0.9941	0.9370
72.1	0.8979	0.9944	0.9287	0.9914	0.8704	0.9898	0.9926	0.9321
72.2	0.9040	0.9953	0.9275	0.9911	0.8779	0.9903	0.9915	0.9474
72.3	0.9149	0.9927	0.9201	0.9886	0.8946	0.9869	0.9896	0.9513
72.4	0.8970	0.9931	0.9346	0.9916	0.8681	0.9899	0.9925	0.9501
72.5	0.8880	0.9929	0.9443	0.9905	0.8548	0.9910	0.9917	0.9574
72.6	0.8931	0.9938	0.9461	0.9917	0.8697	0.9903	0.9937	0.9525
72.7	0.8904	0.9944	0.9517	0.9932	0.8689	0.9923	0.9941	0.9536
72.8	0.9116	0.9929	0.9557	0.9923	0.8897	0.9943	0.9927	0.9581
72.9	0.9357	0.9924	0.9647	0.9944	0.9236	0.9937	0.9926	0.9607
73.0	0.9146	0.9925	0.9600	0.9929	0.9009	0.9927	0.9929	0.9632
73.1	0.8973	0.9890	0.9593	0.9911	0.8879	0.9930	0.9901	0.9596
73.2	0.9194	0.9888	0.9597	0.9915	0.9229	0.9928	0.9912	0.9701
73.3	0.8997	0.9894	0.9667	0.9927	0.9213	0.9921	0.9929	0.9732
73.4	0.8803	0.9897	0.9634	0.9906	0.9071	0.9907	0.9930	0.9632
73.5	0.8839	0.9905	0.9570	0.9884	0.9077	0.9897	0.9922	0.9504
73.6	0.9010	0.9902	0.9589	0.9897	0.9215	0.9902	0.9895	0.9620
73.7	0.8614	0.9888	0.9624	0.9902	0.9186	0.9886	0.9874	0.9681
73.8	0.8673	0.9898	0.9574	0.9890	0.9167	0.9903	0.9901	0.9639
73.9	0.9002	0.9867	0.9609	0.9871	0.9341	0.9875	0.9855	0.9613
74.0	0.8942	0.9898	0.9595	0.9881	0.9295	0.9880	0.9878	0.9545
74.1	0.8807	0.9876	0.9671	0.9884	0.9174	0.9861	0.9877	0.9453
74.2	0.8949	0.9863	0.9621	0.9861	0.9304	0.9847	0.9870	0.9579
74.3	0.9087	0.9886	0.9654	0.9893	0.9409	0.9865	0.9890	0.9598
74.4	0.8996	0.9870	0.9528	0.9806	0.9339	0.9801	0.9880	0.9513
74.5	0.9208	0.9891	0.9698	0.9886	0.9451	0.9880	0.9896	0.9597
74.6	0.9254	0.9891	0.9744	0.9909	0.9546	0.9877	0.9894	0.9639
74.7	0.9008	0.9843	0.9589	0.9874	0.9407	0.9828	0.9853	0.9543
74.8	0.9327	0.9877	0.9692	0.9912	0.9609	0.9875	0.9888	0.9669
74.9	0.9371	0.9870	0.9780	0.9905	0.9611	0.9807	0.9898	0.9671
75.0	0.9256	0.9840	0.9698	0.9874	0.9587	0.9810	0.9854	0.9584
75.1	0.9213	0.9830	0.9586	0.9857	0.9483	0.9814	0.9827	0.9470
75.2	0.9452	0.9904	0.9681	0.9901	0.9609	0.9885	0.9896	0.9625
75.3	0.9332	0.9876	0.9683	0.9915	0.9584	0.9893	0.9873	0.9653
75.4	0.9476	0.9886	0.9737	0.9914	0.9658	0.9893	0.9882	0.9589
75.5	0.9298	0.9833	0.9678	0.9894	0.9510	0.9841	0.9846	0.9540
75.6	0.9185	0.9822	0.9540	0.9859	0.9403	0.9818	0.9826	0.9450
75.7	0.9396	0.9853	0.9646	0.9882	0.9566	0.9888	0.9839	0.9405
75.8	0.9466	0.9852	0.9703	0.9906	0.9597	0.9868	0.9836	0.9399
75.9	0.9465	0.9838	0.9680	0.9907	0.9571	0.9859	0.9830	0.9443
76.0	0.9316	0.9798	0.9538	0.9890	0.9464	0.9842	0.9779	0.9470
76.1	0.9451	0.9798	0.9572	0.9846	0.9518	0.9812	0.9775	0.9276
76.2	0.9464	0.9824	0.9762	0.9904	0.9560	0.9834	0.9820	0.9507
76.3	0.9577	0.9859	0.9706	0.9899	0.9647	0.9874	0.9830	0.9508
76.4	0.9634	0.9859	0.9695	0.9897	0.9618	0.9869	0.9852	0.9356
76.5	0.9665	0.9850	0.9744	0.9856	0.9673	0.9827	0.9839	0.9388
76.6	0.9591	0.9843	0.9664	0.9889	0.9636	0.9837	0.9829	0.9538
76.7	0.9635	0.9851	0.9636	0.9911	0.9610	0.9867	0.9823	0.9489

76.8	0.9658	0.9834	0.9605	0.9904	0.9613	0.9859	0.9796	0.9380
76.9	0.9521	0.9762	0.9531	0.9857	0.9470	0.9804	0.9744	0.9336
77.0	0.9546	0.9794	0.9451	0.9867	0.9508	0.9817	0.9768	0.9320
77.1	0.9648	0.9798	0.9541	0.9875	0.9587	0.9801	0.9755	0.9328
77.2	0.9716	0.9818	0.9588	0.9910	0.9657	0.9869	0.9740	0.9394
77.3	0.9612	0.9818	0.9540	0.9883	0.9535	0.9795	0.9757	0.9449
77.4	0.9564	0.9804	0.9561	0.9858	0.9476	0.9754	0.9769	0.9310
77.5	0.9655	0.9766	0.9525	0.9861	0.9499	0.9767	0.9768	0.9255
77.6	0.9580	0.9774	0.9482	0.9894	0.9430	0.9759	0.9793	0.9226
77.7	0.9541	0.9756	0.9444	0.9891	0.9373	0.9773	0.9796	0.9364
77.8	0.9466	0.9739	0.9363	0.9886	0.9339	0.9709	0.9774	0.9375
77.9	0.9492	0.9749	0.9461	0.9943	0.9298	0.9728	0.9803	0.9277
78.0	0.9519	0.9756	0.9484	0.9927	0.9260	0.9605	0.9786	0.9012
78.1	0.9623	0.9804	0.9503	0.9922	0.9363	0.9704	0.9807	0.9203
78.2	0.9625	0.9821	0.9617	0.9925	0.9428	0.9687	0.9826	0.9379
78.3	0.9589	0.9796	0.9468	0.9924	0.9302	0.9546	0.9839	0.9331
78.4	0.9666	0.9843	0.9419	0.9914	0.9430	0.9500	0.9809	0.9430
78.5	0.9725	0.9848	0.9417	0.9925	0.9563	0.9471	0.9818	0.9473
78.6	0.9688	0.9847	0.9546	0.9918	0.9557	0.9516	0.9833	0.9545
78.7	0.9719	0.9865	0.9419	0.9898	0.9554	0.9438	0.9809	0.9498
78.8	0.9790	0.9856	0.9275	0.9830	0.9604	0.9308	0.9765	0.9502
78.9	0.9710	0.9759	0.8802	0.9648	0.9502	0.8983	0.9689	0.9252
79.0	0.9721	0.9739	0.8646	0.9642	0.9543	0.9068	0.9741	0.9267
79.1	0.9727	0.9782	0.8847	0.9720	0.9576	0.9168	0.9728	0.9464
79.2	0.9651	0.9760	0.8862	0.9774	0.9526	0.9028	0.9728	0.9563
79.3	0.9694	0.9823	0.9030	0.9804	0.9628	0.9135	0.9812	0.9679
79.4	0.9644	0.9762	0.8754	0.9747	0.9473	0.8636	0.9708	0.9401
79.5	0.9699	0.9774	0.8796	0.9832	0.9477	0.8722	0.9757	0.9456
79.6	0.9713	0.9779	0.8618	0.9825	0.9477	0.8931	0.9713	0.9448
79.7	0.9683	0.9798	0.9097	0.9781	0.9538	0.8880	0.9707	0.9415
79.8	0.9726	0.9790	0.8879	0.9831	0.9595	0.8993	0.9782	0.9548
79.9	0.9603	0.9797	0.8832	0.9735	0.9513	0.8886	0.9661	0.9486
80.0	0.9686	0.9825	0.9148	0.9751	0.9622	0.9048	0.9663	0.9506

2.2.52 Run 5 – VTC – Accels 25–32

Vertical shaking on center. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.6485	0.6627	--	0.6648	0.4622	0.6021	0.4177	0.5991
0.1	0.0912	0.1202	--	0.0989	0.1028	0.1347	0.0663	0.1168
0.2	0.0038	0.0040	--	0.0011	0.0077	0.0266	0.0822	0.0283
0.3	0.0150	0.0008	--	0.0073	0.0004	0.0224	0.0057	0.0022
0.4	0.0416	0.0141	--	0.0123	0.0260	0.0105	0.0101	0.0141
0.5	0.0102	0.0574	--	0.0445	0.0223	0.0233	0.0070	0.0001
0.6	0.0123	0.0068	--	0.1007	0.0001	0.0349	0.0282	0.0012
0.7	0.0137	0.0114	--	0.0572	0.0247	0.0614	0.0053	0.0464
0.8	0.0012	0.0072	--	0.0219	0.0214	0.0045	0.0690	0.0096
0.9	0.0027	0.0132	--	0.0816	0.0027	0.0112	0.0215	0.0086
1.0	0.0233	0.0462	--	0.1040	0.0058	0.0136	0.0021	0.0187
1.1	0.0434	0.0108	--	0.0062	0.0272	0.0021	0.0072	0.0226
1.2	0.0680	0.0107	--	0.0292	0.0057	0.0046	0.0088	0.0002
1.3	0.0994	0.0368	--	0.0065	0.0171	0.0501	0.0056	0.0016
1.4	0.1335	0.0119	--	0.0349	0.0018	0.0062	0.0070	0.0098
1.5	0.3990	0.0677	--	0.0913	0.0085	0.0239	0.0017	0.0193
1.6	0.5625	0.1125	--	0.0319	0.0111	0.0579	0.0031	0.0186
1.7	0.5497	0.1022	--	0.0054	0.0095	0.0005	0.0016	0.0072
1.8	0.4255	0.3426	--	0.0032	0.0126	0.0022	0.0313	0.0900
1.9	0.4794	0.4165	--	0.0068	0.0137	0.0377	0.0805	0.0333
2.0	0.6823	0.8370	--	0.0353	0.0018	0.1780	0.2211	0.1961
2.1	0.7688	0.7972	--	0.1100	0.0329	0.4910	0.3011	0.4144
2.2	0.7315	0.6157	--	0.0604	0.0944	0.3440	0.4973	0.2914
2.3	0.4238	0.5587	--	0.0707	0.4057	0.1206	0.4938	0.0889
2.4	0.6851	0.4318	--	0.0527	0.2936	0.1763	0.3976	0.1468
2.5	0.8869	0.6887	--	0.1065	0.1735	0.2403	0.6024	0.2320
2.6	0.8576	0.8328	--	0.0579	0.0315	0.1596	0.4685	0.1924
2.7	0.8436	0.8053	--	0.0252	0.0038	0.1281	0.2604	0.0658
2.8	0.8838	0.7260	--	0.0877	0.0537	0.0413	0.1722	0.0301
2.9	0.9272	0.7475	--	0.1358	0.0324	0.0567	0.1796	0.0999
3.0	0.9159	0.7080	--	0.1571	0.0122	0.0564	0.0776	0.0736
3.1	0.9100	0.5370	--	0.1672	0.0139	0.1131	0.0189	0.1099
3.2	0.8669	0.4062	--	0.0122	0.0246	0.0960	0.0839	0.0896
3.3	0.9176	0.6486	--	0.0476	0.0011	0.0117	0.0093	0.1153
3.4	0.9238	0.4745	--	0.0605	0.0098	0.0984	0.0488	0.1952
3.5	0.8456	0.2989	--	0.0473	0.0173	0.0405	0.0182	0.0468
3.6	0.6450	0.1328	--	0.0121	0.0127	0.0226	0.0533	0.0923
3.7	0.8344	0.1591	--	0.0441	0.0119	0.1152	0.0972	0.0399
3.8	0.9742	0.5564	--	0.1356	0.0310	0.2972	0.2068	0.2245
3.9	0.9949	0.8339	--	0.4830	0.0931	0.3441	0.3697	0.2726
4.0	0.9971	0.8970	--	0.6949	0.1639	0.2458	0.3250	0.1342
4.1	0.9966	0.8674	--	0.6025	0.2496	0.2804	0.2133	0.2581
4.2	0.9945	0.7992	--	0.4848	0.2110	0.1234	0.1417	0.3717
4.3	0.9895	0.7198	--	0.2774	0.1368	0.3563	0.0795	0.4803
4.4	0.9936	0.7433	--	0.2483	0.2175	0.6747	0.0411	0.6201
4.5	0.9923	0.6632	--	0.2683	0.0140	0.6789	0.0775	0.7137
4.6	0.9895	0.6757	--	0.3508	0.0496	0.7578	0.1335	0.7729
4.7	0.9891	0.5277	--	0.2244	0.0580	0.7994	0.2045	0.8020
4.8	0.9858	0.5076	--	0.2790	0.0834	0.6883	0.3689	0.6582
4.9	0.9828	0.6487	--	0.1906	0.1576	0.5821	0.4187	0.5317
5.0	0.9853	0.6693	--	0.2007	0.2348	0.4376	0.5546	0.4006
5.1	0.9912	0.7905	--	0.4458	0.2868	0.6076	0.5748	0.5708
5.2	0.9888	0.7927	--	0.4997	0.4583	0.6737	0.6809	0.6086
5.3	0.9884	0.7375	--	0.4404	0.5636	0.4325	0.7658	0.3176
5.4	0.9603	0.4420	--	0.2666	0.2667	0.1660	0.4276	0.1153
5.5	0.9524	0.2220	--	0.1102	0.2787	0.2992	0.4784	0.2906
5.6	0.9774	0.0188	--	0.1523	0.4703	0.3692	0.6237	0.3577
5.7	0.9888	0.2313	--	0.3437	0.6645	0.5412	0.7888	0.4937
5.8	0.9957	0.5841	--	0.5323	0.8097	0.6766	0.8502	0.5927
5.9	0.9969	0.8672	--	0.7696	0.8426	0.7227	0.8418	0.6798
6.0	0.9971	0.9587	--	0.8726	0.9181	0.7832	0.8851	0.7613
6.1	0.9955	0.9581	--	0.9043	0.9312	0.8329	0.9124	0.8195
6.2	0.9973	0.9779	--	0.9567	0.9620	0.8805	0.9653	0.8903
6.3	0.9957	0.9787	--	0.9587	0.9779	0.9066	0.9765	0.9270
6.4	0.9968	0.9845	--	0.9580	0.9806	0.9380	0.9756	0.9626
6.5	0.9948	0.9767	--	0.9524	0.9654	0.8808	0.9611	0.9297
6.6	0.9951	0.9767	--	0.9415	0.9865	0.8195	0.9878	0.9351
6.7	0.9916	0.9734	--	0.9492	0.9787	0.6850	0.9819	0.9441
6.8	0.9881	0.9712	--	0.9381	0.9812	0.2467	0.9850	0.9308
6.9	0.9692	0.9340	--	0.8962	0.9682	0.3005	0.9735	0.8433
7.0	0.9632	0.9367	--	0.8444	0.9515	0.6980	0.9501	0.8633
7.1	0.9308	0.9034	--	0.8382	0.8907	0.5581	0.8850	0.7685
7.2	0.9050	0.8944	--	0.7232	0.8543	0.3592	0.7804	0.5879
7.3	0.9446	0.9528	--	0.7449	0.9238	0.5381	0.8035	0.6602
7.4	0.9251	0.9422	--	0.8726	0.9606	0.6017	0.8007	0.6450
7.5	0.9056	0.9589	--	0.9534	0.9674	0.7144	0.8542	0.6088
7.6	0.9335	0.9852	--	0.9680	0.9761	0.7753	0.9790	0.6218
7.7	0.8881	0.9864	--	0.9595	0.9828	0.8148	0.9855	0.6904
7.8	0.8726	0.9916	--	0.9681	0.9859	0.8540	0.9793	0.4922
7.9	0.9640	0.9925	--	0.9764	0.9849	0.8517	0.9814	0.2773

8.0	0.9810	0.9925	--	0.9839	0.9857	0.3994	0.9863	0.1042
8.1	0.9755	0.9939	--	0.9837	0.9848	0.4953	0.9864	0.4789
8.2	0.9812	0.9915	--	0.9848	0.9805	0.8562	0.9831	0.2141
8.3	0.9904	0.9956	--	0.9901	0.9894	0.9348	0.9897	0.1927
8.4	0.9924	0.9960	--	0.9895	0.9919	0.9386	0.9910	0.5417
8.5	0.9896	0.9960	--	0.9901	0.9894	0.9255	0.9916	0.7586
8.6	0.9894	0.9949	--	0.9900	0.9883	0.8822	0.9896	0.8226
8.7	0.9804	0.9930	--	0.9832	0.9867	0.7521	0.9861	0.8061
8.8	0.9868	0.9912	--	0.9850	0.9780	0.4841	0.9779	0.7788
8.9	0.9862	0.9920	--	0.9854	0.9881	0.6578	0.9839	0.4012
9.0	0.9728	0.9775	--	0.9681	0.9744	0.6666	0.9538	0.5748
9.1	0.9804	0.9841	--	0.9773	0.9830	0.3028	0.9645	0.7154
9.2	0.9604	0.9686	--	0.9611	0.9726	0.3765	0.9707	0.8724
9.3	0.9530	0.9561	--	0.9512	0.9578	0.7467	0.9567	0.9325
9.4	0.9436	0.9375	--	0.9410	0.9353	0.8031	0.9343	0.8469
9.5	0.9649	0.9553	--	0.9627	0.9499	0.8344	0.9477	0.7726
9.6	0.9742	0.9618	--	0.9726	0.9516	0.8444	0.9559	0.7637
9.7	0.9725	0.9530	--	0.9725	0.9333	0.6986	0.9277	0.6619
9.8	0.9887	0.9789	--	0.9866	0.9708	0.7354	0.9565	0.7165
9.9	0.9916	0.9795	--	0.9901	0.9628	0.5798	0.9491	0.7540
10.0	0.9938	0.9774	--	0.9921	0.9382	0.3173	0.9228	0.6984
10.1	0.9932	0.9723	--	0.9923	0.9397	0.6537	0.9335	0.8352
10.2	0.9966	0.9804	--	0.9950	0.9354	0.8451	0.9449	0.8992
10.3	0.9982	0.9815	--	0.9962	0.9392	0.8376	0.9362	0.7766
10.4	0.9996	0.9890	--	0.9975	0.9572	0.8834	0.9582	0.6546
10.5	0.9994	0.9912	--	0.9975	0.9672	0.9087	0.9661	0.4819
10.6	0.9982	0.9832	--	0.9954	0.9605	0.8747	0.9626	0.5173
10.7	0.9978	0.9798	--	0.9963	0.9643	0.8833	0.9646	0.6491
10.8	0.9977	0.9774	--	0.9964	0.9657	0.8811	0.9743	0.6043
10.9	0.9982	0.9747	--	0.9952	0.9654	0.8563	0.9719	0.3880
11.0	0.9986	0.9632	--	0.9962	0.9678	0.9167	0.9767	0.3168
11.1	0.9986	0.9608	--	0.9960	0.9640	0.8860	0.9757	0.2731
11.2	0.9988	0.9598	--	0.9961	0.9576	0.8795	0.9743	0.3468
11.3	0.9992	0.9544	--	0.9957	0.9491	0.8517	0.9738	0.4910
11.4	0.9988	0.9181	--	0.9944	0.9482	0.8054	0.9734	0.4832
11.5	0.9988	0.8864	--	0.9936	0.9428	0.8133	0.9711	0.5357
11.6	0.9983	0.8194	--	0.9932	0.9342	0.8207	0.9606	0.5554
11.7	0.9986	0.8278	--	0.9953	0.9563	0.8610	0.9796	0.5360
11.8	0.9982	0.8748	--	0.9960	0.9610	0.8577	0.9771	0.3791
11.9	0.9983	0.9028	--	0.9948	0.9562	0.8567	0.9679	0.5333
12.0	0.9976	0.8984	--	0.9953	0.9623	0.8255	0.9683	0.6417
12.1	0.9979	0.9341	--	0.9963	0.9609	0.8222	0.9688	0.6797
12.2	0.9979	0.9210	--	0.9929	0.9536	0.7993	0.9674	0.7083
12.3	0.9973	0.9358	--	0.9921	0.9662	0.8541	0.9714	0.7824
12.4	0.9973	0.9503	--	0.9930	0.9642	0.8867	0.9779	0.8289
12.5	0.9982	0.9735	--	0.9958	0.9733	0.9225	0.9872	0.8373
12.6	0.9983	0.9810	--	0.9947	0.9627	0.9338	0.9756	0.8318
12.7	0.9986	0.9759	--	0.9934	0.9613	0.9318	0.9713	0.8955
12.8	0.9986	0.9788	--	0.9946	0.9609	0.9525	0.9731	0.9273
12.9	0.9986	0.9796	--	0.9948	0.9643	0.9604	0.9691	0.9173
13.0	0.9986	0.9802	--	0.9948	0.9407	0.9532	0.9558	0.9058
13.1	0.9976	0.9731	--	0.9937	0.9230	0.9696	0.9366	0.9253
13.2	0.9973	0.9779	--	0.9937	0.9368	0.9779	0.9503	0.9246
13.3	0.9949	0.9625	--	0.9904	0.9054	0.9668	0.9422	0.8676
13.4	0.9947	0.9654	--	0.9885	0.8765	0.9607	0.9324	0.8583
13.5	0.9941	0.9641	--	0.9889	0.9166	0.9671	0.9172	0.9077
13.6	0.9931	0.9641	--	0.9879	0.9224	0.9757	0.9269	0.9580
13.7	0.9911	0.9572	--	0.9843	0.9242	0.9759	0.9160	0.9593
13.8	0.9930	0.9634	--	0.9770	0.9113	0.9681	0.8870	0.9448
13.9	0.9925	0.9640	--	0.9770	0.9099	0.9666	0.8105	0.9382
14.0	0.9935	0.9686	--	0.9751	0.9273	0.9677	0.8171	0.9469
14.1	0.9939	0.9541	--	0.9691	0.9290	0.9631	0.8612	0.9536
14.2	0.9945	0.9466	--	0.9673	0.9200	0.9644	0.8445	0.9575
14.3	0.9943	0.9362	--	0.9702	0.8979	0.9569	0.7901	0.9583
14.4	0.9954	0.9397	--	0.9688	0.9182	0.9448	0.8066	0.9489
14.5	0.9937	0.9284	--	0.9686	0.8432	0.9370	0.7368	0.9527
14.6	0.9943	0.9536	--	0.9811	0.8643	0.9647	0.7166	0.9716
14.7	0.9948	0.9529	--	0.9805	0.8928	0.9521	0.5896	0.9648
14.8	0.9912	0.9596	--	0.9829	0.9297	0.9319	0.5932	0.9483
14.9	0.9936	0.9661	--	0.9875	0.9388	0.9386	0.5999	0.9536
15.0	0.9930	0.9580	--	0.9820	0.8898	0.9208	0.4620	0.9477
15.1	0.9896	0.9438	--	0.9791	0.8655	0.9080	0.5815	0.9466
15.2	0.9883	0.9256	--	0.9843	0.8609	0.8999	0.7574	0.9395
15.3	0.9907	0.9360	--	0.9900	0.9275	0.9153	0.8696	0.9527
15.4	0.9932	0.9597	--	0.9937	0.9186	0.9020	0.9082	0.9510
15.5	0.9934	0.9582	--	0.9917	0.8990	0.8435	0.8934	0.9014
15.6	0.9885	0.9449	--	0.9878	0.9038	0.8230	0.8630	0.8686
15.7	0.9906	0.9741	--	0.9925	0.9456	0.8333	0.8796	0.8790
15.8	0.9941	0.9803	--	0.9930	0.9547	0.8892	0.9220	0.9202
15.9	0.9951	0.9854	--	0.9951	0.9776	0.9231	0.9303	0.9373
16.0	0.9916	0.9749	--	0.9891	0.9397	0.8695	0.8817	0.8921
16.1	0.9953	0.9911	--	0.9924	0.9579	0.9055	0.9355	0.9074
16.2	0.9971	0.9910	--	0.9920	0.9654	0.9149	0.9446	0.9054
16.3	0.9987	0.9908	--	0.9940	0.9766	0.9246	0.9634	0.8969
16.4	0.9991	0.9932	--	0.9950	0.9735	0.9207	0.9732	0.8839
16.5	0.9976	0.9895	--	0.9929	0.9744	0.8931	0.9733	0.8451

16.6	0.9934	0.9883	--	0.9905	0.9599	0.8816	0.9596	0.8603
16.7	0.9910	0.9883	--	0.9848	0.9143	0.8789	0.9214	0.8718
16.8	0.9886	0.9887	--	0.9845	0.8656	0.8691	0.8401	0.8629
16.9	0.9837	0.9805	--	0.9859	0.8194	0.9099	0.8129	0.9022
17.0	0.9865	0.9700	--	0.9710	0.7764	0.8952	0.6935	0.8960
17.1	0.9877	0.9534	--	0.9197	0.7942	0.8010	0.6829	0.7855
17.2	0.9723	0.9791	--	0.9411	0.8253	0.7611	0.6330	0.5918
17.3	0.9681	0.9866	--	0.9733	0.8014	0.8582	0.4587	0.4974
17.4	0.9654	0.9844	--	0.9481	0.7818	0.7710	0.8010	0.0513
17.5	0.9536	0.9796	--	0.9202	0.6647	0.8029	0.8656	0.4216
17.6	0.9720	0.9821	--	0.9417	0.8024	0.8227	0.8307	0.5385
17.7	0.9556	0.9752	--	0.9604	0.8374	0.8391	0.7492	0.5436
17.8	0.9356	0.9636	--	0.9562	0.7843	0.7700	0.6496	0.6008
17.9	0.9412	0.9608	--	0.9680	0.7917	0.6723	0.6985	0.6495
18.0	0.9679	0.9734	--	0.9792	0.8636	0.7100	0.8324	0.7528
18.1	0.9781	0.9757	--	0.9823	0.9000	0.8131	0.8719	0.8132
18.2	0.9862	0.9805	--	0.9847	0.9361	0.8920	0.8994	0.8219
18.3	0.9888	0.9864	--	0.9871	0.9398	0.8961	0.9257	0.7770
18.4	0.9769	0.9823	--	0.9759	0.9181	0.8649	0.9079	0.7179
18.5	0.8610	0.9299	--	0.9048	0.8539	0.8140	0.9157	0.6105
18.6	0.8979	0.8791	--	0.8634	0.4349	0.3226	0.9132	0.6905
18.7	0.9568	0.9533	--	0.9407	0.5574	0.2983	0.9051	0.7824
18.8	0.9890	0.9826	--	0.9785	0.8551	0.8147	0.8818	0.8266
18.9	0.9870	0.9834	--	0.9824	0.8850	0.8881	0.8670	0.8473
19.0	0.9923	0.9915	--	0.9872	0.9148	0.8889	0.8603	0.8020
19.1	0.9909	0.9917	--	0.9874	0.9198	0.8914	0.8592	0.7317
19.2	0.9920	0.9909	--	0.9888	0.9212	0.9111	0.8627	0.6812
19.3	0.9845	0.9854	--	0.9777	0.8356	0.8605	0.8100	0.4772
19.4	0.9826	0.9826	--	0.9708	0.7955	0.8275	0.8591	0.4213
19.5	0.9923	0.9898	--	0.9848	0.8885	0.8873	0.9198	0.5907
19.6	0.9953	0.9904	--	0.9865	0.9229	0.9105	0.9309	0.5796
19.7	0.9968	0.9920	--	0.9886	0.9457	0.9214	0.9426	0.6682
19.8	0.9978	0.9922	--	0.9886	0.9641	0.9458	0.9585	0.7636
19.9	0.9972	0.9901	--	0.9850	0.9642	0.9476	0.9456	0.7221
20.0	0.9980	0.9945	--	0.9918	0.9651	0.9542	0.9579	0.7087
20.1	0.9976	0.9953	--	0.9935	0.9694	0.9552	0.9714	0.7072
20.2	0.9971	0.9953	--	0.9918	0.9741	0.9579	0.9719	0.6365
20.3	0.9977	0.9945	--	0.9911	0.9828	0.9715	0.9767	0.6674
20.4	0.9984	0.9948	--	0.9905	0.9836	0.9729	0.9758	0.6937
20.5	0.9982	0.9950	--	0.9893	0.9800	0.9628	0.9751	0.6347
20.6	0.9984	0.9940	--	0.9859	0.9829	0.9609	0.9759	0.7559
20.7	0.9977	0.9949	--	0.9845	0.9806	0.9484	0.9707	0.7553
20.8	0.9965	0.9942	--	0.9864	0.9680	0.9448	0.9598	0.8048
20.9	0.9969	0.9951	--	0.9834	0.9586	0.9679	0.9648	0.8283
21.0	0.9968	0.9946	--	0.9809	0.9669	0.9665	0.9623	0.8018
21.1	0.9961	0.9924	--	0.9785	0.9573	0.9682	0.9649	0.8470
21.2	0.9949	0.9909	--	0.9741	0.9341	0.9693	0.9657	0.8416
21.3	0.9914	0.9902	--	0.9570	0.9015	0.9663	0.9440	0.7848
21.4	0.9937	0.9923	--	0.9692	0.8952	0.9671	0.9408	0.8176
21.5	0.9965	0.9920	--	0.9594	0.8872	0.9585	0.9396	0.8271
21.6	0.9962	0.9926	--	0.9558	0.8363	0.9519	0.9332	0.7698
21.7	0.9949	0.9915	--	0.9306	0.7110	0.9012	0.9035	0.5849
21.8	0.9962	0.9932	--	0.9244	0.5610	0.8650	0.9063	0.5552
21.9	0.9955	0.9925	--	0.8789	0.4072	0.8082	0.9085	0.4857
22.0	0.9954	0.9902	--	0.8955	0.2602	0.7074	0.8520	0.3999
22.1	0.9953	0.9853	--	0.8374	0.0181	0.5617	0.6516	0.2954
22.2	0.9972	0.9881	--	0.8940	0.0829	0.7487	0.6592	0.5449
22.3	0.9963	0.9895	--	0.9219	0.5581	0.8359	0.6783	0.6841
22.4	0.9972	0.9926	--	0.9325	0.7822	0.8997	0.7664	0.8046
22.5	0.9974	0.9939	--	0.9264	0.8292	0.9221	0.8077	0.8596
22.6	0.9971	0.9885	--	0.9010	0.8275	0.8984	0.7724	0.8120
22.7	0.9969	0.9868	--	0.9348	0.8932	0.8323	0.7030	0.6511
22.8	0.9977	0.9890	--	0.9481	0.9104	0.8195	0.7514	0.6252
22.9	0.9975	0.9910	--	0.9470	0.9255	0.8138	0.8082	0.6395
23.0	0.9965	0.9908	--	0.9473	0.9189	0.7528	0.7631	0.6927
23.1	0.9965	0.9909	--	0.9469	0.9296	0.7054	0.7163	0.7521
23.2	0.9989	0.9938	--	0.9674	0.9496	0.8060	0.8452	0.8745
23.3	0.9983	0.9916	--	0.9606	0.9285	0.6670	0.8199	0.8403
23.4	0.9990	0.9927	--	0.9670	0.9482	0.6227	0.8318	0.8858
23.5	0.9987	0.9908	--	0.9662	0.9566	0.5781	0.8532	0.8846
23.6	0.9990	0.9887	--	0.9659	0.9544	0.4809	0.8795	0.8910
23.7	0.9990	0.9905	--	0.9739	0.9359	0.5632	0.8305	0.8861
23.8	0.9989	0.9908	--	0.9775	0.9356	0.6058	0.8440	0.7863
23.9	0.9989	0.9907	--	0.9741	0.9168	0.7356	0.9256	0.7648
24.0	0.9991	0.9922	--	0.9811	0.9049	0.8765	0.9466	0.6342
24.1	0.9989	0.9910	--	0.9757	0.8812	0.8613	0.9250	0.2983
24.2	0.9990	0.9916	--	0.9715	0.8697	0.8892	0.9433	0.3288
24.3	0.9980	0.9871	--	0.9480	0.7127	0.8691	0.8984	0.3993
24.4	0.9959	0.9826	--	0.9069	0.6123	0.8611	0.8195	0.6163
24.5	0.9944	0.9825	--	0.8754	0.5785	0.8004	0.7822	0.6323
24.6	0.9967	0.9827	--	0.9135	0.6047	0.6820	0.5335	0.5474
24.7	0.9966	0.9870	--	0.9448	0.6090	0.4914	0.3268	0.4513
24.8	0.9979	0.9878	--	0.9599	0.6837	0.6044	0.4352	0.5536
24.9	0.9976	0.9894	--	0.9656	0.7541	0.7790	0.6614	0.5505
25.0	0.9968	0.9908	--	0.9784	0.9073	0.9151	0.8293	0.7336
25.1	0.9962	0.9919	--	0.9845	0.9028	0.9202	0.8265	0.7202

25.2	0.9932	0.9901	--	0.9766	0.8991	0.8996	0.8182	0.4503
25.3	0.9889	0.9840	--	0.9618	0.8379	0.8786	0.8549	0.5038
25.4	0.9780	0.9826	--	0.9501	0.7057	0.8854	0.8043	0.2475
25.5	0.9689	0.9873	--	0.9388	0.5286	0.9234	0.8208	0.0539
25.6	0.9781	0.9895	--	0.9544	0.3427	0.9471	0.8774	0.1837
25.7	0.9935	0.9935	--	0.9799	0.0259	0.9693	0.9113	0.6100
25.8	0.9975	0.9942	--	0.9800	0.4819	0.9614	0.8740	0.6872
25.9	0.9980	0.9947	--	0.9855	0.7837	0.9694	0.8449	0.8676
26.0	0.9971	0.9951	--	0.9822	0.8711	0.9798	0.7586	0.8706
26.1	0.9973	0.9948	--	0.9838	0.8889	0.9785	0.7696	0.8655
26.2	0.9982	0.9961	--	0.9869	0.8518	0.9730	0.8828	0.9195
26.3	0.9979	0.9958	--	0.9880	0.8256	0.9722	0.9224	0.9411
26.4	0.9985	0.9967	--	0.9892	0.7887	0.9750	0.9101	0.9588
26.5	0.9989	0.9966	--	0.9864	0.7770	0.9755	0.9207	0.9539
26.6	0.9987	0.9959	--	0.9815	0.5043	0.9544	0.8956	0.9550
26.7	0.9989	0.9971	--	0.9831	0.2176	0.9677	0.9030	0.9449
26.8	0.9988	0.9970	--	0.9782	0.1490	0.9538	0.9129	0.9252
26.9	0.9988	0.9962	--	0.9836	0.5554	0.9447	0.9240	0.9248
27.0	0.9986	0.9968	--	0.9876	0.7567	0.9418	0.9232	0.9354
27.1	0.9991	0.9975	--	0.9931	0.8585	0.9590	0.9428	0.9513
27.2	0.9992	0.9983	--	0.9946	0.8981	0.9557	0.9531	0.9602
27.3	0.9986	0.9975	--	0.9913	0.9092	0.9298	0.9375	0.9635
27.4	0.9990	0.9980	--	0.9928	0.9110	0.9292	0.9515	0.9692
27.5	0.9993	0.9983	--	0.9938	0.9357	0.9374	0.9457	0.9771
27.6	0.9992	0.9977	--	0.9918	0.9475	0.9231	0.9294	0.9753
27.7	0.9984	0.9973	--	0.9924	0.9378	0.8630	0.9371	0.9723
27.8	0.9982	0.9973	--	0.9935	0.9552	0.8708	0.9374	0.9702
27.9	0.9985	0.9974	--	0.9933	0.9543	0.8622	0.9403	0.9774
28.0	0.9970	0.9941	--	0.9880	0.9467	0.7901	0.9152	0.9727
28.1	0.9940	0.9901	--	0.9863	0.9650	0.6171	0.9343	0.9792
28.2	0.9952	0.9899	--	0.9834	0.9591	0.4156	0.9065	0.9744
28.3	0.9961	0.9923	--	0.9860	0.9623	0.3036	0.8743	0.9750
28.4	0.9978	0.9956	--	0.9891	0.9728	0.3656	0.8957	0.9742
28.5	0.9984	0.9971	--	0.9907	0.9733	0.4179	0.9260	0.9795
28.6	0.9989	0.9971	--	0.9919	0.9743	0.5049	0.9198	0.9819
28.7	0.9988	0.9969	--	0.9908	0.9779	0.5667	0.9188	0.9795
28.8	0.9989	0.9970	--	0.9906	0.9832	0.4924	0.9232	0.9808
28.9	0.9986	0.9964	--	0.9905	0.9831	0.6093	0.9388	0.9820
29.0	0.9987	0.9969	--	0.9906	0.9681	0.7501	0.8927	0.9789
29.1	0.9984	0.9973	--	0.9917	0.9721	0.7892	0.9135	0.9778
29.2	0.9982	0.9952	--	0.9906	0.9774	0.7378	0.9191	0.9844
29.3	0.9980	0.9959	--	0.9932	0.9734	0.8084	0.9213	0.9827
29.4	0.9982	0.9973	--	0.9930	0.9806	0.8738	0.9344	0.9806
29.5	0.9978	0.9959	--	0.9914	0.9819	0.8798	0.9076	0.9763
29.6	0.9978	0.9960	--	0.9910	0.9779	0.8919	0.8740	0.9725
29.7	0.9977	0.9961	--	0.9932	0.9821	0.9047	0.8993	0.9787
29.8	0.9966	0.9944	--	0.9893	0.9476	0.8972	0.8386	0.9501
29.9	0.9786	0.9825	--	0.9694	0.7812	0.8091	0.6326	0.8085
30.0	0.9836	0.9871	--	0.9823	0.8381	0.8719	0.6737	0.8507
30.1	0.9978	0.9956	--	0.9940	0.9838	0.9297	0.9591	0.9815
30.2	0.9979	0.9949	--	0.9935	0.9780	0.9414	0.9478	0.9744
30.3	0.9981	0.9958	--	0.9943	0.9811	0.9477	0.9530	0.9733
30.4	0.9978	0.9963	--	0.9958	0.9855	0.9614	0.9521	0.9772
30.5	0.9977	0.9957	--	0.9948	0.9815	0.9682	0.9409	0.9748
30.6	0.9969	0.9937	--	0.9918	0.9779	0.9607	0.9282	0.9728
30.7	0.9975	0.9943	--	0.9941	0.9820	0.9785	0.9150	0.9790
30.8	0.9970	0.9944	--	0.9937	0.9777	0.9846	0.8931	0.9683
30.9	0.9970	0.9943	--	0.9937	0.9768	0.9842	0.8974	0.9574
31.0	0.9979	0.9941	--	0.9940	0.9694	0.9860	0.8517	0.9479
31.1	0.9985	0.9949	--	0.9939	0.9647	0.9800	0.7638	0.9588
31.2	0.9971	0.9929	--	0.9926	0.9515	0.9806	0.7962	0.9607
31.3	0.9973	0.9938	--	0.9945	0.9508	0.9875	0.8962	0.9618
31.4	0.9967	0.9921	--	0.9915	0.9410	0.9861	0.9149	0.9437
31.5	0.9961	0.9897	--	0.9902	0.9373	0.9809	0.9181	0.9317
31.6	0.9971	0.9893	--	0.9876	0.9232	0.9850	0.9300	0.9185
31.7	0.9973	0.9914	--	0.9898	0.8901	0.9817	0.9256	0.9179
31.8	0.9970	0.9917	--	0.9912	0.8950	0.9811	0.9453	0.8806
31.9	0.9976	0.9929	--	0.9895	0.9192	0.9828	0.9555	0.8488
32.0	0.9970	0.9933	--	0.9872	0.8651	0.9763	0.9406	0.8654
32.1	0.9971	0.9935	--	0.9903	0.8585	0.9758	0.9640	0.9077
32.2	0.9970	0.9934	--	0.9910	0.8213	0.9818	0.9708	0.9225
32.3	0.9970	0.9936	--	0.9909	0.7443	0.9862	0.9638	0.9374
32.4	0.9958	0.9935	--	0.9909	0.6990	0.9825	0.9585	0.9390
32.5	0.9947	0.9935	--	0.9873	0.7869	0.9792	0.9580	0.9427
32.6	0.9939	0.9921	--	0.9852	0.8090	0.9785	0.9539	0.9439
32.7	0.9934	0.9941	--	0.9862	0.8465	0.9817	0.9605	0.9506
32.8	0.9940	0.9943	--	0.9837	0.8680	0.9852	0.9722	0.9670
32.9	0.9941	0.9960	--	0.9865	0.9012	0.9879	0.9746	0.9759
33.0	0.9913	0.9963	--	0.9871	0.9409	0.9858	0.9796	0.9684
33.1	0.9896	0.9955	--	0.9831	0.9269	0.9840	0.9740	0.9658
33.2	0.9915	0.9964	--	0.9839	0.9197	0.9846	0.9680	0.9596
33.3	0.9897	0.9966	--	0.9838	0.9056	0.9854	0.9727	0.9473
33.4	0.9755	0.9926	--	0.9719	0.8515	0.9787	0.9480	0.9162
33.5	0.9760	0.9941	--	0.9772	0.8342	0.9843	0.9308	0.9445
33.6	0.9869	0.9938	--	0.9819	0.7921	0.9825	0.9051	0.9338
33.7	0.9892	0.9952	--	0.9816	0.7399	0.9858	0.9066	0.9438

33.8	0.9825	0.9945	--	0.9726	0.5612	0.9846	0.7776	0.9430
33.9	0.9772	0.9957	--	0.9817	0.5050	0.9892	0.6952	0.9554
34.0	0.9872	0.9958	--	0.9850	0.6887	0.9893	0.7434	0.9626
34.1	0.9909	0.9950	--	0.9849	0.7967	0.9894	0.8236	0.9725
34.2	0.9899	0.9937	--	0.9879	0.8262	0.9895	0.8997	0.9660
34.3	0.9861	0.9934	--	0.9822	0.8287	0.9854	0.9333	0.9516
34.4	0.9759	0.9903	--	0.9820	0.8912	0.9869	0.9255	0.9640
34.5	0.9858	0.9938	--	0.9879	0.9080	0.9899	0.9676	0.9723
34.6	0.9904	0.9955	--	0.9886	0.9128	0.9892	0.9584	0.9762
34.7	0.9901	0.9943	--	0.9862	0.9126	0.9858	0.9435	0.9760
34.8	0.9879	0.9943	--	0.9850	0.8994	0.9833	0.9379	0.9686
34.9	0.9880	0.9917	--	0.9830	0.9097	0.9858	0.9330	0.9745
35.0	0.9848	0.9887	--	0.9792	0.9123	0.9857	0.8712	0.9762
35.1	0.9849	0.9897	--	0.9774	0.9217	0.9877	0.8314	0.9739
35.2	0.9890	0.9903	--	0.9792	0.9133	0.9891	0.7507	0.9749
35.3	0.9900	0.9934	--	0.9831	0.9331	0.9895	0.6279	0.9778
35.4	0.9918	0.9922	--	0.9831	0.9456	0.9901	0.4669	0.9806
35.5	0.9924	0.9930	--	0.9804	0.9445	0.9923	0.6188	0.9793
35.6	0.9912	0.9928	--	0.9788	0.9397	0.9911	0.6500	0.9715
35.7	0.9888	0.9896	--	0.9718	0.9421	0.9894	0.7156	0.9690
35.8	0.9869	0.9906	--	0.9602	0.9510	0.9935	0.8993	0.9787
35.9	0.9889	0.9906	--	0.9610	0.9545	0.9909	0.9202	0.9800
36.0	0.9895	0.9914	--	0.9677	0.9609	0.9903	0.9273	0.9838
36.1	0.9861	0.9904	--	0.9585	0.9642	0.9895	0.9423	0.9835
36.2	0.9846	0.9893	--	0.9590	0.9599	0.9874	0.9427	0.9790
36.3	0.9907	0.9932	--	0.9676	0.9637	0.9896	0.9586	0.9812
36.4	0.9862	0.9910	--	0.9535	0.9456	0.9886	0.9450	0.9695
36.5	0.9870	0.9920	--	0.9677	0.9665	0.9906	0.9704	0.9783
36.6	0.9926	0.9927	--	0.9782	0.9701	0.9909	0.9715	0.9813
36.7	0.9905	0.9922	--	0.9801	0.9730	0.9851	0.9647	0.9789
36.8	0.9902	0.9893	--	0.9745	0.9673	0.9834	0.9627	0.9753
36.9	0.9902	0.9908	--	0.9834	0.9669	0.9833	0.9729	0.9713
37.0	0.9869	0.9897	--	0.9860	0.9694	0.9837	0.9805	0.9791
37.1	0.9886	0.9861	--	0.9839	0.9598	0.9905	0.9846	0.9773
37.2	0.9925	0.9865	--	0.9884	0.9757	0.9898	0.9826	0.9787
37.3	0.9935	0.9898	--	0.9876	0.9653	0.9887	0.9875	0.9754
37.4	0.9912	0.9864	--	0.9844	0.9481	0.9881	0.9876	0.9772
37.5	0.9915	0.9882	--	0.9854	0.9351	0.9889	0.9873	0.9799
37.6	0.9947	0.9905	--	0.9866	0.9510	0.9916	0.9908	0.9825
37.7	0.9944	0.9917	--	0.9889	0.9516	0.9929	0.9911	0.9808
37.8	0.9933	0.9905	--	0.9899	0.9387	0.9931	0.9903	0.9781
37.9	0.9924	0.9904	--	0.9876	0.9418	0.9909	0.9927	0.9706
38.0	0.9922	0.9896	--	0.9860	0.9164	0.9868	0.9898	0.9601
38.1	0.9918	0.9894	--	0.9872	0.8857	0.9888	0.9915	0.9708
38.2	0.9928	0.9873	--	0.9841	0.8558	0.9893	0.9935	0.9752
38.3	0.9896	0.9807	--	0.9795	0.7779	0.9861	0.9888	0.9716
38.4	0.9915	0.9818	--	0.9805	0.8260	0.9912	0.9855	0.9732
38.5	0.9946	0.9846	--	0.9845	0.8915	0.9941	0.9889	0.9736
38.6	0.9943	0.9859	--	0.9836	0.9229	0.9930	0.9918	0.9804
38.7	0.9907	0.9834	--	0.9813	0.9070	0.9914	0.9856	0.9785
38.8	0.9941	0.9887	--	0.9865	0.9214	0.9928	0.9880	0.9765
38.9	0.9928	0.9904	--	0.9861	0.9430	0.9921	0.9882	0.9776
39.0	0.9903	0.9877	--	0.9841	0.9258	0.9902	0.9841	0.9670
39.1	0.9917	0.9867	--	0.9833	0.9493	0.9906	0.9738	0.9729
39.2	0.9951	0.9871	--	0.9850	0.9567	0.9921	0.9786	0.9726
39.3	0.9956	0.9910	--	0.9882	0.9603	0.9926	0.9744	0.9650
39.4	0.9928	0.9872	--	0.9887	0.9235	0.9919	0.9550	0.9533
39.5	0.9944	0.9857	--	0.9887	0.9464	0.9948	0.9767	0.9606
39.6	0.9961	0.9852	--	0.9879	0.9625	0.9962	0.9774	0.9635
39.7	0.9951	0.9881	--	0.9901	0.9401	0.9956	0.9609	0.9524
39.8	0.9949	0.9894	--	0.9919	0.9413	0.9952	0.9423	0.9586
39.9	0.9961	0.9873	--	0.9912	0.9299	0.9956	0.9551	0.9624
40.0	0.9960	0.9866	--	0.9906	0.9166	0.9959	0.9559	0.9547
40.1	0.9955	0.9820	--	0.9889	0.8909	0.9937	0.9497	0.9401
40.2	0.9971	0.9847	--	0.9935	0.9158	0.9940	0.9595	0.9475
40.3	0.9973	0.9897	--	0.9948	0.9156	0.9957	0.9730	0.9691
40.4	0.9948	0.9834	--	0.9913	0.8894	0.9934	0.9670	0.9641
40.5	0.9958	0.9864	--	0.9938	0.9126	0.9947	0.9694	0.9675
40.6	0.9971	0.9848	--	0.9946	0.9232	0.9947	0.9680	0.9670
40.7	0.9980	0.9870	--	0.9954	0.9128	0.9940	0.9633	0.9642
40.8	0.9975	0.9727	--	0.9949	0.8428	0.9940	0.9495	0.9422
40.9	0.9974	0.9704	--	0.9960	0.8848	0.9947	0.9495	0.9429
41.0	0.9967	0.9774	--	0.9954	0.8662	0.9947	0.9527	0.9479
41.1	0.9952	0.9775	--	0.9956	0.8628	0.9954	0.9332	0.9560
41.2	0.9939	0.9780	--	0.9947	0.8175	0.9952	0.9152	0.9593
41.3	0.9833	0.9590	--	0.9928	0.6393	0.9926	0.8889	0.9446
41.4	0.9801	0.9579	--	0.9933	0.5185	0.9933	0.8861	0.9493
41.5	0.9880	0.9614	--	0.9935	0.5705	0.9952	0.8652	0.9600
41.6	0.9926	0.9477	--	0.9934	0.5526	0.9961	0.9019	0.9641
41.7	0.9891	0.9698	--	0.9929	0.5855	0.9958	0.8946	0.9641
41.8	0.9816	0.9775	--	0.9925	0.5617	0.9928	0.9286	0.9651
41.9	0.9723	0.9754	--	0.9896	0.6389	0.9939	0.9297	0.9678
42.0	0.9817	0.9778	--	0.9923	0.4587	0.9922	0.9345	0.9672
42.1	0.9849	0.9803	--	0.9936	0.3917	0.9928	0.9506	0.9674
42.2	0.9843	0.9802	--	0.9926	0.5479	0.9919	0.9588	0.9725
42.3	0.9841	0.9767	--	0.9931	0.6078	0.9933	0.9713	0.9798

42.4	0.9919	0.9844	--	0.9954	0.5716	0.9930	0.9723	0.9844
42.5	0.9882	0.9875	--	0.9952	0.7803	0.9934	0.9695	0.9876
42.6	0.9727	0.9784	--	0.9913	0.8434	0.9932	0.9785	0.9838
42.7	0.9829	0.9774	--	0.9861	0.8726	0.9915	0.9749	0.9866
42.8	0.9857	0.9662	--	0.9786	0.9100	0.9933	0.9837	0.9916
42.9	0.9685	0.9531	--	0.9804	0.8898	0.9944	0.9879	0.9862
43.0	0.9596	0.9754	--	0.9899	0.9315	0.9945	0.9879	0.9882
43.1	0.9450	0.9752	--	0.9887	0.9426	0.9936	0.9844	0.9882
43.2	0.5355	0.9618	--	0.9866	0.9489	0.9913	0.9730	0.9872
43.3	0.3492	0.9485	--	0.9813	0.9581	0.9884	0.9794	0.9877
43.4	0.8235	0.9253	--	0.9784	0.9591	0.9899	0.9828	0.9915
43.5	0.9373	0.9220	--	0.9804	0.9744	0.9927	0.9878	0.9908
43.6	0.9126	0.9463	--	0.9835	0.9709	0.9929	0.9865	0.9852
43.7	0.8857	0.9712	--	0.9934	0.9745	0.9931	0.9871	0.9867
43.8	0.9448	0.9757	--	0.9945	0.9719	0.9951	0.9872	0.9899
43.9	0.9050	0.9628	--	0.9909	0.9713	0.9936	0.9822	0.9859
44.0	0.9609	0.9440	--	0.9921	0.9687	0.9926	0.9854	0.9881
44.1	0.9616	0.9120	--	0.9849	0.9691	0.9927	0.9809	0.9872
44.2	0.9694	0.9436	--	0.9852	0.9561	0.9932	0.9733	0.9866
44.3	0.9810	0.9724	--	0.9951	0.9648	0.9953	0.9891	0.9866
44.4	0.9389	0.9678	--	0.9944	0.9589	0.9945	0.9889	0.9860
44.5	0.9367	0.9572	--	0.9918	0.9280	0.9936	0.9896	0.9836
44.6	0.9782	0.9544	--	0.9906	0.8985	0.9949	0.9878	0.9846
44.7	0.9833	0.9600	--	0.9919	0.8289	0.9947	0.9851	0.9824
44.8	0.9481	0.9708	--	0.9922	0.8170	0.9946	0.9873	0.9835
44.9	0.9612	0.9606	--	0.9898	0.9098	0.9948	0.9866	0.9854
45.0	0.9870	0.9650	--	0.9863	0.9317	0.9934	0.9814	0.9831
45.1	0.9959	0.9825	--	0.9926	0.9435	0.9938	0.9844	0.9815
45.2	0.9936	0.9778	--	0.9914	0.9549	0.9937	0.9787	0.9851
45.3	0.9902	0.9743	--	0.9902	0.9334	0.9908	0.9815	0.9823
45.4	0.9955	0.9797	--	0.9881	0.9315	0.9923	0.9830	0.9824
45.5	0.9872	0.9744	--	0.9882	0.9415	0.9918	0.9803	0.9818
45.6	0.9846	0.9722	--	0.9852	0.9568	0.9896	0.9619	0.9809
45.7	0.9911	0.9731	--	0.9797	0.9567	0.9903	0.9727	0.9795
45.8	0.9950	0.9778	--	0.9854	0.9338	0.9925	0.9885	0.9781
45.9	0.9950	0.9848	--	0.9916	0.9392	0.9936	0.9852	0.9795
46.0	0.9946	0.9766	--	0.9896	0.9122	0.9935	0.9799	0.9757
46.1	0.9950	0.9798	--	0.9897	0.8860	0.9937	0.9835	0.9726
46.2	0.9944	0.9866	--	0.9926	0.9227	0.9958	0.9928	0.9842
46.3	0.9935	0.9813	--	0.9876	0.9293	0.9952	0.9926	0.9876
46.4	0.9953	0.9845	--	0.9905	0.9482	0.9961	0.9948	0.9885
46.5	0.9951	0.9843	--	0.9926	0.9264	0.9954	0.9924	0.9892
46.6	0.9948	0.9838	--	0.9908	0.9106	0.9957	0.9918	0.9870
46.7	0.9904	0.9618	--	0.9815	0.8339	0.9916	0.9928	0.9840
46.8	0.9929	0.9743	--	0.9876	0.7961	0.9931	0.9945	0.9861
46.9	0.9931	0.9884	--	0.9926	0.8787	0.9947	0.9939	0.9855
47.0	0.9929	0.9870	--	0.9940	0.8851	0.9938	0.9950	0.9866
47.1	0.9901	0.9739	--	0.9905	0.7689	0.9917	0.9925	0.9837
47.2	0.9910	0.9742	--	0.9882	0.8116	0.9919	0.9936	0.9835
47.3	0.9907	0.9776	--	0.9837	0.8727	0.9923	0.9911	0.9819
47.4	0.9929	0.9876	--	0.9896	0.9350	0.9927	0.9948	0.9805
47.5	0.9919	0.9824	--	0.9892	0.9461	0.9917	0.9934	0.9779
47.6	0.9913	0.9801	--	0.9873	0.9512	0.9902	0.9948	0.9773
47.7	0.9795	0.9717	--	0.9807	0.9476	0.9893	0.9926	0.9755
47.8	0.9728	0.9786	--	0.9873	0.9578	0.9895	0.9942	0.9753
47.9	0.9693	0.9847	--	0.9886	0.9697	0.9882	0.9949	0.9792
48.0	0.9210	0.9801	--	0.9856	0.9703	0.9840	0.9946	0.9797
48.1	0.9313	0.9803	--	0.9852	0.9700	0.9876	0.9928	0.9807
48.2	0.9758	0.9872	--	0.9930	0.9779	0.9927	0.9961	0.9787
48.3	0.9609	0.9857	--	0.9906	0.9735	0.9904	0.9958	0.9782
48.4	0.9400	0.9845	--	0.9894	0.9759	0.9938	0.9950	0.9790
48.5	0.9532	0.9851	--	0.9892	0.9771	0.9929	0.9909	0.9812
48.6	0.8261	0.9850	--	0.9859	0.9837	0.9921	0.9942	0.9760
48.7	0.7831	0.9806	--	0.9817	0.9776	0.9929	0.9921	0.9820
48.8	0.9261	0.9841	--	0.9852	0.9784	0.9932	0.9871	0.9815
48.9	0.9697	0.9847	--	0.9852	0.9838	0.9935	0.9873	0.9805
49.0	0.9772	0.9872	--	0.9872	0.9696	0.9942	0.9909	0.9719
49.1	0.9655	0.9847	--	0.9864	0.9582	0.9923	0.9900	0.9746
49.2	0.9701	0.9796	--	0.9857	0.9589	0.9906	0.9874	0.9796
49.3	0.9754	0.9823	--	0.9856	0.9682	0.9919	0.9890	0.9801
49.4	0.9696	0.9854	--	0.9872	0.9862	0.9920	0.9928	0.9766
49.5	0.9593	0.9853	--	0.9835	0.9734	0.9886	0.9893	0.9667
49.6	0.9538	0.9825	--	0.9780	0.9632	0.9894	0.9888	0.9677
49.7	0.9523	0.9796	--	0.9744	0.9727	0.9903	0.9917	0.9695
49.8	0.9572	0.9797	--	0.9803	0.9827	0.9909	0.9905	0.9671
49.9	0.9725	0.9819	--	0.9873	0.9842	0.9915	0.9918	0.9641
50.0	0.9795	0.9457	--	0.9805	0.9802	0.9901	0.9937	0.9698
50.1	0.9755	0.9587	--	0.9725	0.9654	0.9875	0.9893	0.9472
50.2	0.9874	0.9816	--	0.9803	0.9696	0.9911	0.9915	0.9553
50.3	0.9860	0.9829	--	0.9791	0.9584	0.9894	0.9909	0.9540
50.4	0.9847	0.9810	--	0.9767	0.9690	0.9910	0.9921	0.9568
50.5	0.9690	0.9710	--	0.9659	0.9701	0.9873	0.9894	0.9556
50.6	0.9731	0.9740	--	0.9699	0.9666	0.9852	0.9901	0.9641
50.7	0.9827	0.9828	--	0.9810	0.9779	0.9882	0.9915	0.9729
50.8	0.9763	0.9737	--	0.9763	0.9768	0.9896	0.9891	0.9652
50.9	0.9721	0.9724	--	0.9780	0.9744	0.9912	0.9930	0.9664

51.0	0.9841	0.9752	--	0.9714	0.9776	0.9915	0.9928	0.9672
51.1	0.9925	0.9751	--	0.9742	0.9818	0.9923	0.9921	0.9701
51.2	0.9913	0.9676	--	0.9697	0.9788	0.9908	0.9922	0.9676
51.3	0.9870	0.9692	--	0.9618	0.9783	0.9899	0.9902	0.9684
51.4	0.9920	0.9747	--	0.9730	0.9831	0.9913	0.9922	0.9721
51.5	0.9957	0.9784	--	0.9807	0.9859	0.9909	0.9909	0.9685
51.6	0.9946	0.9740	--	0.9731	0.9816	0.9875	0.9852	0.9701
51.7	0.9932	0.9676	--	0.9685	0.9803	0.9890	0.9826	0.9772
51.8	0.9937	0.9649	--	0.9698	0.9795	0.9895	0.9846	0.9718
51.9	0.9942	0.9707	--	0.9760	0.9820	0.9880	0.9854	0.9738
52.0	0.9946	0.9741	--	0.9749	0.9761	0.9858	0.9742	0.9785
52.1	0.9930	0.9770	--	0.9748	0.9748	0.9824	0.9740	0.9829
52.2	0.9918	0.9720	--	0.9727	0.9754	0.9847	0.9793	0.9857
52.3	0.9934	0.9719	--	0.9709	0.9821	0.9874	0.9859	0.9867
52.4	0.9959	0.9708	--	0.9742	0.9866	0.9903	0.9909	0.9878
52.5	0.9950	0.9726	--	0.9700	0.9859	0.9915	0.9922	0.9879
52.6	0.9948	0.9710	--	0.9622	0.9851	0.9902	0.9913	0.9852
52.7	0.9955	0.9641	--	0.9566	0.9878	0.9900	0.9861	0.9856
52.8	0.9952	0.9656	--	0.9572	0.9886	0.9912	0.9785	0.9906
52.9	0.9948	0.9728	--	0.9610	0.9891	0.9901	0.9741	0.9898
53.0	0.9937	0.9665	--	0.9551	0.9901	0.9880	0.9751	0.9854
53.1	0.9939	0.9613	--	0.9674	0.9913	0.9910	0.9828	0.9875
53.2	0.9959	0.9636	--	0.9664	0.9910	0.9916	0.9931	0.9892
53.3	0.9915	0.9511	--	0.9508	0.9838	0.9864	0.9906	0.9851
53.4	0.9933	0.9601	--	0.9626	0.9898	0.9889	0.9878	0.9891
53.5	0.9920	0.9687	--	0.9630	0.9918	0.9890	0.9898	0.9886
53.6	0.9924	0.9753	--	0.9690	0.9913	0.9897	0.9900	0.9866
53.7	0.9955	0.9757	--	0.9605	0.9924	0.9894	0.9855	0.9846
53.8	0.9953	0.9680	--	0.9611	0.9896	0.9906	0.9805	0.9871
53.9	0.9945	0.9764	--	0.9640	0.9918	0.9888	0.9829	0.9859
54.0	0.9960	0.9687	--	0.9619	0.9902	0.9849	0.9836	0.9856
54.1	0.9955	0.9611	--	0.9605	0.9942	0.9885	0.9820	0.9875
54.2	0.9957	0.9674	--	0.9622	0.9946	0.9929	0.9860	0.9886
54.3	0.9929	0.9624	--	0.9558	0.9882	0.9851	0.9661	0.9810
54.4	0.9939	0.9604	--	0.9542	0.9805	0.9867	0.9609	0.9754
54.5	0.9935	0.9667	--	0.9513	0.9760	0.9870	0.9609	0.9788
54.6	0.9950	0.9703	--	0.9584	0.9788	0.9882	0.9566	0.9841
54.7	0.9944	0.9639	--	0.9573	0.9836	0.9847	0.9598	0.9826
54.8	0.9965	0.9764	--	0.9644	0.9913	0.9876	0.9724	0.9859
54.9	0.9977	0.9773	--	0.9635	0.9938	0.9885	0.9801	0.9869
55.0	0.9944	0.9584	--	0.9368	0.9897	0.9887	0.9726	0.9861
55.1	0.9917	0.9433	--	0.9149	0.9806	0.9883	0.9495	0.9807
55.2	0.9946	0.9640	--	0.9449	0.9872	0.9865	0.9585	0.9805
55.3	0.9958	0.9732	--	0.9522	0.9891	0.9881	0.9556	0.9777
55.4	0.9958	0.9792	--	0.9484	0.9867	0.9836	0.9440	0.9698
55.5	0.9967	0.9855	--	0.9600	0.9897	0.9831	0.9755	0.9794
55.6	0.9958	0.9790	--	0.9415	0.9906	0.9826	0.9776	0.9854
55.7	0.9955	0.9677	--	0.9247	0.9887	0.9838	0.9786	0.9857
55.8	0.9953	0.9690	--	0.9105	0.9903	0.9796	0.9649	0.9798
55.9	0.9958	0.9806	--	0.9390	0.9899	0.9789	0.9648	0.9856
56.0	0.9969	0.9884	--	0.9568	0.9924	0.9836	0.9698	0.9909
56.1	0.9952	0.9772	--	0.9316	0.9866	0.9831	0.9607	0.9829
56.2	0.9955	0.9654	--	0.9195	0.9848	0.9820	0.9500	0.9795
56.3	0.9974	0.9733	--	0.9311	0.9920	0.9829	0.9307	0.9820
56.4	0.9982	0.9843	--	0.9517	0.9913	0.9867	0.9451	0.9859
56.5	0.9978	0.9811	--	0.9507	0.9905	0.9835	0.9122	0.9813
56.6	0.9970	0.9709	--	0.9232	0.9891	0.9838	0.8662	0.9725
56.7	0.9966	0.9718	--	0.9349	0.9894	0.9899	0.8388	0.9787
56.8	0.9975	0.9791	--	0.9351	0.9905	0.9880	0.8537	0.9800
56.9	0.9970	0.9771	--	0.9153	0.9888	0.9837	0.8419	0.9713
57.0	0.9965	0.9677	--	0.8590	0.9880	0.9783	0.7950	0.9543
57.1	0.9970	0.9750	--	0.8960	0.9882	0.9793	0.8776	0.9647
57.2	0.9963	0.9738	--	0.9125	0.9869	0.9800	0.8710	0.9542
57.3	0.9974	0.9784	--	0.9204	0.9897	0.9890	0.9146	0.9538
57.4	0.9970	0.9763	--	0.9051	0.9881	0.9871	0.9253	0.9509
57.5	0.9962	0.9741	--	0.8937	0.9837	0.9802	0.9173	0.9567
57.6	0.9952	0.9724	--	0.8627	0.9807	0.9800	0.8998	0.9449
57.7	0.9952	0.9699	--	0.8868	0.9822	0.9806	0.8893	0.9214
57.8	0.9954	0.9714	--	0.8868	0.9828	0.9855	0.8286	0.8875
57.9	0.9948	0.9711	--	0.8530	0.9801	0.9831	0.8306	0.8492
58.0	0.9938	0.9706	--	0.8722	0.9760	0.9828	0.9047	0.7999
58.1	0.9965	0.9808	--	0.9322	0.9717	0.9800	0.9362	0.8328
58.2	0.9963	0.9799	--	0.9298	0.9760	0.9782	0.9490	0.8578
58.3	0.9953	0.9798	--	0.9351	0.9797	0.9811	0.9547	0.8756
58.4	0.9959	0.9735	--	0.9186	0.9770	0.9771	0.9414	0.8352
58.5	0.9943	0.9630	--	0.8696	0.9602	0.9752	0.9354	0.6827
58.6	0.9931	0.9595	--	0.8918	0.9459	0.9774	0.9369	0.7226
58.7	0.9951	0.9713	--	0.9022	0.9496	0.9761	0.9166	0.8315
58.8	0.9954	0.9772	--	0.9249	0.9618	0.9823	0.9347	0.8103
58.9	0.9961	0.9663	--	0.9244	0.8898	0.9680	0.8605	0.6710
59.0	0.9955	0.9385	--	0.8650	0.6061	0.8867	0.4901	0.2226
59.1	0.9936	0.9344	--	0.8768	0.6743	0.9129	0.5222	0.2778
59.2	0.9966	0.9653	--	0.9341	0.9515	0.9753	0.9132	0.7972
59.3	0.9962	0.9683	--	0.9328	0.9683	0.9789	0.9334	0.8112
59.4	0.9950	0.9539	--	0.9282	0.9619	0.9789	0.9426	0.7018
59.5	0.9940	0.9418	--	0.9199	0.9638	0.9790	0.9398	0.6342

59.6	0.9947	0.9489	--	0.9330	0.9673	0.9738	0.9482	0.6018
59.7	0.9960	0.9395	--	0.9308	0.9702	0.9825	0.9597	0.6789
59.8	0.9940	0.7359	--	0.8569	0.8337	0.9677	0.8233	0.5561
59.9	0.9839	0.0158	--	0.1073	0.7334	0.9400	0.7481	0.4070
60.0	0.9690	0.0041	--	0.0115	0.9146	0.9203	0.9222	0.3845
60.1	0.9874	0.0006	--	0.0641	0.9597	0.9565	0.9517	0.5592
60.2	0.9951	0.5818	--	0.8903	0.9682	0.9764	0.9644	0.6203
60.3	0.9935	0.8987	--	0.8703	0.9579	0.9771	0.9711	0.6571
60.4	0.9917	0.9236	--	0.8503	0.9413	0.9730	0.9721	0.6842
60.5	0.9922	0.9352	--	0.8809	0.9283	0.9754	0.9754	0.8160
60.6	0.9924	0.9379	--	0.8958	0.9216	0.9744	0.9706	0.8419
60.7	0.9887	0.9208	--	0.8425	0.8754	0.9689	0.9667	0.8726
60.8	0.9866	0.8960	--	0.8543	0.9330	0.9686	0.9433	0.8856
60.9	0.9923	0.9192	--	0.9117	0.9595	0.9715	0.9555	0.8719
61.0	0.9939	0.9404	--	0.9135	0.9594	0.9742	0.9727	0.9033
61.1	0.9881	0.9111	--	0.8547	0.9474	0.9635	0.9502	0.8692
61.2	0.9855	0.8910	--	0.8796	0.9344	0.9616	0.9342	0.8842
61.3	0.9831	0.8671	--	0.8806	0.9174	0.9581	0.9364	0.9019
61.4	0.9873	0.8918	--	0.8934	0.9446	0.9603	0.9449	0.9274
61.5	0.9929	0.9258	--	0.9378	0.9514	0.9776	0.9562	0.9563
61.6	0.9929	0.9103	--	0.9483	0.9548	0.9714	0.9367	0.9329
61.7	0.9915	0.9018	--	0.9454	0.9520	0.9525	0.9214	0.9212
61.8	0.9920	0.9075	--	0.9447	0.9546	0.9655	0.9356	0.9498
61.9	0.9906	0.8729	--	0.9315	0.9479	0.9629	0.9041	0.9385
62.0	0.9916	0.8542	--	0.9426	0.9413	0.9542	0.8819	0.9090
62.1	0.9869	0.8084	--	0.9209	0.9060	0.9456	0.8678	0.8911
62.2	0.9879	0.8612	--	0.9103	0.9196	0.9578	0.8579	0.8619
62.3	0.9920	0.8751	--	0.9447	0.9231	0.9657	0.8756	0.8765
62.4	0.9904	0.8337	--	0.9404	0.8762	0.9622	0.8823	0.8436
62.5	0.9910	0.8361	--	0.9398	0.8872	0.9674	0.8500	0.8428
62.6	0.9909	0.8307	--	0.9356	0.9013	0.9619	0.8255	0.8532
62.7	0.9908	0.8396	--	0.9303	0.9043	0.9575	0.8432	0.8497
62.8	0.9907	0.7917	--	0.9407	0.8875	0.9637	0.8206	0.8427
62.9	0.9856	0.7217	--	0.9249	0.8847	0.9664	0.7986	0.8582
63.0	0.9889	0.7572	--	0.9403	0.9058	0.9737	0.8343	0.9034
63.1	0.9922	0.7902	--	0.9512	0.9120	0.9713	0.7879	0.9189
63.2	0.9884	0.7477	--	0.9261	0.8656	0.9622	0.7340	0.9149
63.3	0.9886	0.7320	--	0.9206	0.8603	0.9556	0.7101	0.8675
63.4	0.9905	0.7129	--	0.9418	0.9121	0.9694	0.7532	0.9133
63.5	0.9909	0.7017	--	0.9530	0.9135	0.9798	0.7707	0.9516
63.6	0.9910	0.7255	--	0.9463	0.9146	0.9777	0.7540	0.9342
63.7	0.9910	0.7010	--	0.9320	0.9257	0.9653	0.6860	0.9069
63.8	0.9906	0.6787	--	0.9405	0.9016	0.9623	0.7206	0.9134
63.9	0.9923	0.7652	--	0.9528	0.8840	0.9786	0.6630	0.9257
64.0	0.9943	0.8036	--	0.9477	0.9051	0.9798	0.6184	0.9417
64.1	0.9925	0.7922	--	0.9464	0.9376	0.9707	0.6332	0.9472
64.2	0.9888	0.7135	--	0.9439	0.9296	0.9635	0.6928	0.9297
64.3	0.9912	0.7513	--	0.9599	0.9288	0.9623	0.6060	0.9417
64.4	0.9917	0.7738	--	0.9597	0.9100	0.9560	0.6112	0.9532
64.5	0.9924	0.7630	--	0.9575	0.9191	0.9562	0.6125	0.9583
64.6	0.9922	0.7125	--	0.9560	0.9363	0.9473	0.6502	0.9558
64.7	0.9923	0.7399	--	0.9471	0.9399	0.9521	0.6936	0.9622
64.8	0.9936	0.7147	--	0.9456	0.9150	0.9500	0.5778	0.9677
64.9	0.9941	0.6089	--	0.9522	0.9198	0.9498	0.2494	0.9646
65.0	0.9935	0.7467	--	0.9616	0.9485	0.9532	0.2140	0.9719
65.1	0.9940	0.7676	--	0.9622	0.9339	0.9660	0.4516	0.9798
65.2	0.9955	0.7467	--	0.9582	0.9345	0.9656	0.4243	0.9761
65.3	0.9941	0.6874	--	0.9601	0.9220	0.9613	0.3698	0.9742
65.4	0.9948	0.6333	--	0.9612	0.9214	0.9589	0.2228	0.9733
65.5	0.9950	0.7073	--	0.9592	0.9289	0.9543	0.2128	0.9728
65.6	0.9937	0.6807	--	0.9562	0.9019	0.9291	0.0365	0.9640
65.7	0.9935	0.5864	--	0.9627	0.8953	0.9160	0.0536	0.9651
65.8	0.9932	0.6065	--	0.9627	0.8740	0.8709	0.0530	0.9584
65.9	0.9956	0.5875	--	0.9738	0.9092	0.8594	0.0080	0.9686
66.0	0.9935	0.4615	--	0.9617	0.8776	0.7986	0.0484	0.9515
66.1	0.9913	0.3656	--	0.9559	0.8840	0.7949	0.0381	0.9511
66.2	0.9926	0.3530	--	0.9576	0.9105	0.8721	0.1078	0.9515
66.3	0.9948	0.3979	--	0.9721	0.8965	0.9061	0.1577	0.9454
66.4	0.9935	0.3756	--	0.9634	0.8708	0.8909	0.3408	0.9307
66.5	0.9942	0.3640	--	0.9692	0.8776	0.9117	0.3957	0.9552
66.6	0.9938	0.4560	--	0.9731	0.8677	0.9373	0.4671	0.9611
66.7	0.9945	0.4300	--	0.9673	0.8152	0.9143	0.4761	0.9423
66.8	0.9936	0.3077	--	0.9583	0.7048	0.8959	0.5822	0.9496
66.9	0.9951	0.4270	--	0.9640	0.6861	0.9086	0.6469	0.9453
67.0	0.9950	0.4440	--	0.9613	0.6332	0.9313	0.6766	0.9450
67.1	0.9925	0.3663	--	0.9444	0.5474	0.9424	0.7360	0.9470
67.2	0.9948	0.3970	--	0.9568	0.6283	0.9491	0.7978	0.9583
67.3	0.9946	0.4748	--	0.9635	0.5998	0.9437	0.8281	0.9577
67.4	0.9947	0.5186	--	0.9659	0.6540	0.9418	0.8615	0.9614
67.5	0.9940	0.4576	--	0.9666	0.7312	0.9307	0.8799	0.9495
67.6	0.9956	0.4342	--	0.9648	0.7648	0.9389	0.9115	0.9585
67.7	0.9951	0.4649	--	0.9653	0.7966	0.9129	0.9095	0.9393
67.8	0.9937	0.4347	--	0.9603	0.8136	0.8483	0.9340	0.9301
67.9	0.9943	0.4077	--	0.9661	0.8731	0.8469	0.9540	0.9476
68.0	0.9957	0.4410	--	0.9732	0.9052	0.8023	0.9572	0.9385
68.1	0.9935	0.3247	--	0.9654	0.9183	0.5598	0.9492	0.9038

68.2	0.9921	0.3256	--	0.9464	0.9233	0.2656	0.9545	0.8799
68.3	0.9911	0.2881	--	0.9482	0.9381	0.4876	0.9295	0.8078
68.4	0.9895	0.2308	--	0.9484	0.9487	0.6169	0.9398	0.7965
68.5	0.9922	0.2435	--	0.9435	0.9243	0.7628	0.9630	0.8240
68.6	0.9944	0.2604	--	0.9620	0.9405	0.8234	0.9597	0.8037
68.7	0.9917	0.2604	--	0.9476	0.9407	0.8459	0.9493	0.6924
68.8	0.9902	0.3394	--	0.9555	0.9625	0.8863	0.9595	0.6213
68.9	0.9920	0.4109	--	0.9652	0.9547	0.8931	0.9659	0.6741
69.0	0.9915	0.3099	--	0.9592	0.9581	0.9046	0.9732	0.7481
69.1	0.9900	0.1920	--	0.9496	0.9559	0.8752	0.9593	0.6711
69.2	0.9906	0.4243	--	0.9534	0.9612	0.9021	0.9539	0.6843
69.3	0.9912	0.5297	--	0.9549	0.9515	0.9117	0.9718	0.6490
69.4	0.9909	0.4538	--	0.9575	0.9477	0.8871	0.9612	0.5398
69.5	0.9883	0.4441	--	0.9626	0.9388	0.9148	0.9545	0.2788
69.6	0.9871	0.4764	--	0.9562	0.9444	0.9427	0.9674	0.0741
69.7	0.9882	0.6485	--	0.9535	0.9275	0.9455	0.9649	0.1863
69.8	0.9863	0.6154	--	0.9596	0.9083	0.9392	0.9566	0.4087
69.9	0.9868	0.6423	--	0.9637	0.9161	0.9470	0.9650	0.6734
70.0	0.9858	0.4168	--	0.9684	0.9230	0.9554	0.9688	0.7862
70.1	0.9811	0.6061	--	0.9691	0.9306	0.9395	0.9668	0.8411
70.2	0.9786	0.7693	--	0.9665	0.9499	0.9525	0.9622	0.8797
70.3	0.9781	0.7633	--	0.9469	0.9501	0.9382	0.9314	0.8743
70.4	0.9794	0.7653	--	0.9453	0.9534	0.9387	0.9321	0.9232
70.5	0.9844	0.7896	--	0.9484	0.9693	0.9506	0.9388	0.9376
70.6	0.9864	0.8434	--	0.9575	0.9785	0.9466	0.9507	0.9476
70.7	0.9852	0.7878	--	0.9539	0.9657	0.9094	0.9246	0.9338
70.8	0.9819	0.7993	--	0.9367	0.9679	0.9333	0.9297	0.9488
70.9	0.9883	0.8642	--	0.9593	0.9769	0.9602	0.9292	0.9607
71.0	0.9929	0.8636	--	0.9752	0.9789	0.9681	0.9066	0.9540
71.1	0.9914	0.8691	--	0.9787	0.9803	0.9648	0.8878	0.9651
71.2	0.9920	0.8562	--	0.9689	0.9833	0.9639	0.8730	0.9601
71.3	0.9931	0.8677	--	0.9671	0.9827	0.9681	0.8493	0.9525
71.4	0.9931	0.8808	--	0.9714	0.9869	0.9694	0.8243	0.9393
71.5	0.9938	0.8873	--	0.9705	0.9861	0.9658	0.8333	0.9274
71.6	0.9945	0.8878	--	0.9687	0.9887	0.9645	0.8236	0.9360
71.7	0.9946	0.8777	--	0.9622	0.9836	0.9568	0.8242	0.8864
71.8	0.9933	0.8931	--	0.9621	0.9825	0.9615	0.8957	0.8491
71.9	0.9914	0.8874	--	0.9601	0.9756	0.9472	0.8775	0.7914
72.0	0.9918	0.8820	--	0.9611	0.9852	0.9615	0.8916	0.8012
72.1	0.9901	0.8491	--	0.9617	0.9816	0.9561	0.8883	0.8097
72.2	0.9898	0.8577	--	0.9640	0.9813	0.9555	0.9099	0.7724
72.3	0.9862	0.8525	--	0.9562	0.9745	0.9641	0.9348	0.8328
72.4	0.9891	0.8948	--	0.9674	0.9748	0.9645	0.9412	0.9084
72.5	0.9893	0.8967	--	0.9707	0.9716	0.9664	0.9450	0.8987
72.6	0.9890	0.8827	--	0.9687	0.9716	0.9713	0.9489	0.8847
72.7	0.9901	0.8886	--	0.9658	0.9779	0.9716	0.9551	0.9266
72.8	0.9924	0.9104	--	0.9731	0.9705	0.9670	0.9594	0.9314
72.9	0.9914	0.9269	--	0.9751	0.9710	0.9686	0.9658	0.9401
73.0	0.9893	0.9269	--	0.9756	0.9684	0.9696	0.9672	0.9440
73.1	0.9874	0.9090	--	0.9697	0.9691	0.9705	0.9678	0.9514
73.2	0.9893	0.9285	--	0.9687	0.9535	0.9797	0.9723	0.9621
73.3	0.9897	0.9397	--	0.9701	0.9416	0.9771	0.9679	0.9622
73.4	0.9900	0.9299	--	0.9728	0.9339	0.9739	0.9594	0.9503
73.5	0.9899	0.9328	--	0.9763	0.9249	0.9755	0.9542	0.9474
73.6	0.9873	0.9303	--	0.9739	0.9246	0.9820	0.9718	0.9662
73.7	0.9810	0.9192	--	0.9690	0.9356	0.9741	0.9658	0.9526
73.8	0.9832	0.9148	--	0.9770	0.9491	0.9771	0.9640	0.9530
73.9	0.9828	0.9307	--	0.9767	0.9541	0.9724	0.9666	0.9596
74.0	0.9852	0.9371	--	0.9751	0.9474	0.9697	0.9587	0.9583
74.1	0.9805	0.9310	--	0.9652	0.9509	0.9630	0.9420	0.9274
74.2	0.9777	0.9336	--	0.9647	0.9465	0.9616	0.9454	0.9326
74.3	0.9806	0.9382	--	0.9760	0.9307	0.9700	0.9603	0.9515
74.4	0.9740	0.9234	--	0.9708	0.9124	0.9630	0.9522	0.9357
74.5	0.9821	0.9382	--	0.9763	0.9469	0.9712	0.9670	0.9539
74.6	0.9836	0.9505	--	0.9796	0.9665	0.9769	0.9689	0.9477
74.7	0.9745	0.9250	--	0.9721	0.9507	0.9707	0.9534	0.9275
74.8	0.9837	0.9483	--	0.9823	0.9611	0.9666	0.9657	0.9549
74.9	0.9803	0.9430	--	0.9772	0.9539	0.9631	0.9655	0.9497
75.0	0.9771	0.9379	--	0.9778	0.9654	0.9577	0.9636	0.9405
75.1	0.9755	0.9297	--	0.9764	0.9626	0.9604	0.9622	0.9424
75.2	0.9814	0.9507	--	0.9824	0.9712	0.9766	0.9773	0.9638
75.3	0.9787	0.9470	--	0.9773	0.9740	0.9705	0.9709	0.9556
75.4	0.9823	0.9564	--	0.9809	0.9729	0.9736	0.9721	0.9563
75.5	0.9719	0.9402	--	0.9688	0.9750	0.9609	0.9543	0.9296
75.6	0.9657	0.9290	--	0.9616	0.9768	0.9536	0.9506	0.9180
75.7	0.9777	0.9485	--	0.9721	0.9793	0.9657	0.9650	0.9288
75.8	0.9774	0.9459	--	0.9772	0.9793	0.9695	0.9618	0.9293
75.9	0.9732	0.9418	--	0.9744	0.9750	0.9653	0.9627	0.9425
76.0	0.9643	0.9224	--	0.9677	0.9753	0.9596	0.9433	0.9191
76.1	0.9665	0.9257	--	0.9741	0.9708	0.9496	0.9334	0.8817
76.2	0.9632	0.9261	--	0.9718	0.9734	0.9439	0.9319	0.8404
76.3	0.9676	0.9386	--	0.9727	0.9793	0.9497	0.9497	0.8697
76.4	0.9742	0.9430	--	0.9770	0.9845	0.9576	0.9412	0.8720
76.5	0.9767	0.9540	--	0.9768	0.9803	0.9555	0.9384	0.8507
76.6	0.9704	0.9334	--	0.9761	0.9804	0.9704	0.9535	0.8759
76.7	0.9703	0.9264	--	0.9736	0.9850	0.9710	0.9604	0.8825

76.8	0.9692	0.9446	--	0.9748	0.9812	0.9736	0.9569	0.8679
76.9	0.9589	0.9372	--	0.9709	0.9815	0.9506	0.9345	0.8074
77.0	0.9573	0.9188	--	0.9747	0.9777	0.9448	0.9199	0.7509
77.1	0.9693	0.9366	--	0.9804	0.9815	0.9450	0.9427	0.8200
77.2	0.9765	0.9447	--	0.9828	0.9882	0.9594	0.9610	0.8776
77.3	0.9660	0.9221	--	0.9737	0.9791	0.9547	0.9329	0.7907
77.4	0.9560	0.8951	--	0.9620	0.9760	0.9490	0.9186	0.7049
77.5	0.9550	0.8990	--	0.9641	0.9742	0.9481	0.9163	0.7193
77.6	0.9465	0.8910	--	0.9712	0.9726	0.9439	0.9203	0.7308
77.7	0.9390	0.8509	--	0.9670	0.9704	0.9472	0.9133	0.7566
77.8	0.9332	0.8641	--	0.9550	0.9515	0.9491	0.9244	0.8165
77.9	0.9368	0.8672	--	0.9631	0.9637	0.9555	0.9385	0.8995
78.0	0.9402	0.8506	--	0.9694	0.9537	0.9378	0.9168	0.8762
78.1	0.9489	0.8232	--	0.9683	0.9628	0.9496	0.9300	0.9066
78.2	0.9533	0.8039	--	0.9596	0.9611	0.9451	0.9359	0.8904
78.3	0.9404	0.7509	--	0.9512	0.9752	0.9539	0.9310	0.9086
78.4	0.9475	0.7082	--	0.9360	0.9823	0.9560	0.9452	0.9251
78.5	0.9570	0.7166	--	0.9370	0.9813	0.9541	0.9400	0.9094
78.6	0.9562	0.6875	--	0.9245	0.9810	0.9515	0.9383	0.9109
78.7	0.9604	0.7365	--	0.9214	0.9856	0.9536	0.9525	0.9159
78.8	0.9618	0.7548	--	0.9118	0.9817	0.9517	0.9465	0.9046
78.9	0.9531	0.7089	--	0.8849	0.9523	0.9536	0.9226	0.8747
79.0	0.9526	0.6947	--	0.8803	0.9554	0.9605	0.9100	0.8286
79.1	0.9580	0.5601	--	0.7806	0.9604	0.9448	0.9135	0.7904
79.2	0.9401	0.4135	--	0.7095	0.9653	0.9448	0.9125	0.7577
79.3	0.9438	0.4500	--	0.7881	0.9668	0.9499	0.9138	0.8418
79.4	0.9337	0.2590	--	0.6910	0.9564	0.9365	0.8633	0.8270
79.5	0.9299	0.4100	--	0.5965	0.9590	0.9453	0.8965	0.8522
79.6	0.9355	0.5564	--	0.6147	0.9472	0.9491	0.8971	0.8430
79.7	0.9503	0.4910	--	0.6182	0.9496	0.9437	0.8958	0.8709
79.8	0.9454	0.5849	--	0.5029	0.9260	0.9496	0.8661	0.8617
79.9	0.9260	0.6012	--	0.1873	0.8964	0.9449	0.8450	0.8897
80.0	0.9577	0.6735	--	0.1725	0.9059	0.9543	0.8495	0.9180

2.2.53 Run 5 – VTC – Accels 33–40

Vertical shaking on center. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.2232	0.0604	0.2308	0.3457	0.3674	0.0069	0.6119	0.4321
0.1	0.0609	0.0322	0.0261	0.0466	0.0705	0.0120	0.1252	0.0162
0.2	0.0090	0.0428	0.0375	0.0253	0.0447	0.0544	0.0156	0.0604
0.3	0.0091	0.0078	0.0014	0.0071	0.0120	0.0394	0.0849	0.0410
0.4	0.0052	0.0197	0.0009	0.0019	0.0249	0.0302	0.0296	0.0389
0.5	0.0277	0.0005	0.0279	0.0456	0.0089	0.0185	0.0193	0.0590
0.6	0.0025	0.0245	0.0149	0.0008	0.0006	0.0058	0.0065	0.0288
0.7	0.0279	0.0147	0.0025	0.0213	0.0105	0.0052	0.0510	0.0489
0.8	0.0675	0.0045	0.0271	0.0531	0.0049	0.0283	0.0025	0.0158
0.9	0.0340	0.0063	0.0125	0.0609	0.0204	0.0260	0.0034	0.0032
1.0	0.0598	0.0454	0.0184	0.0282	0.0124	0.1003	0.0043	0.0119
1.1	0.0397	0.0208	0.1145	0.0415	0.0400	0.1187	0.0192	0.0014
1.2	0.0249	0.0028	0.3148	0.0342	0.0138	0.0485	0.0077	0.0031
1.3	0.0242	0.0536	0.1094	0.0565	0.0393	0.0565	0.0150	0.0160
1.4	0.0062	0.1514	0.1445	0.0142	0.0360	0.1743	0.0196	0.0118
1.5	0.0772	0.2360	0.4582	0.0213	0.0467	0.3791	0.0167	0.0113
1.6	0.1815	0.1275	0.4448	0.1675	0.0120	0.3717	0.0268	0.0075
1.7	0.1429	0.0917	0.3972	0.1294	0.0110	0.4489	0.0630	0.0236
1.8	0.3041	0.2114	0.3468	0.1927	0.0337	0.3563	0.0587	0.0655
1.9	0.4734	0.3810	0.5201	0.3794	0.0153	0.3459	0.0973	0.0182
2.0	0.7725	0.6022	0.6320	0.7861	0.0976	0.5192	0.1692	0.0321
2.1	0.7619	0.5371	0.6264	0.7839	0.1048	0.6219	0.2964	0.1106
2.2	0.5599	0.3296	0.6463	0.6573	0.2200	0.3615	0.5530	0.0944
2.3	0.5382	0.3044	0.6001	0.5647	0.1876	0.0156	0.5307	0.0407
2.4	0.4347	0.4285	0.7404	0.4358	0.2876	0.4731	0.4662	0.0357
2.5	0.7007	0.3613	0.9001	0.7057	0.0914	0.8247	0.5754	0.0519
2.6	0.8315	0.2055	0.8851	0.8477	0.0177	0.8013	0.2250	0.0253
2.7	0.7850	0.2197	0.8678	0.7803	0.0245	0.7193	0.0619	0.0222
2.8	0.7636	0.2553	0.9080	0.6823	0.0242	0.8230	0.0056	0.0828
2.9	0.7643	0.2570	0.9378	0.7418	0.0317	0.8803	0.0516	0.1117
3.0	0.6237	0.1392	0.9354	0.6487	0.0093	0.8565	0.0155	0.0990
3.1	0.4943	0.0441	0.9183	0.5441	0.0083	0.8228	0.0165	0.0629
3.2	0.4585	0.0160	0.8696	0.3090	0.0227	0.7706	0.1091	0.1678
3.3	0.7116	0.0304	0.8926	0.5406	0.0014	0.7885	0.2610	0.0585
3.4	0.6512	0.0485	0.9043	0.5117	0.0039	0.7914	0.0765	0.0164
3.5	0.4554	0.0283	0.8313	0.3679	0.0060	0.6785	0.0538	0.0295
3.6	0.2294	0.0043	0.6055	0.1538	0.0252	0.3539	0.0529	0.0740
3.7	0.0739	0.0978	0.8309	0.1169	0.0055	0.6938	0.2501	0.1620
3.8	0.4544	0.3005	0.9804	0.5145	0.0263	0.9643	0.7309	0.2674
3.9	0.8186	0.2774	0.9950	0.8004	0.0200	0.9887	0.9088	0.0959
4.0	0.9072	0.5427	0.9970	0.8727	0.0188	0.9935	0.9387	0.2090
4.1	0.8969	0.6587	0.9960	0.8828	0.0165	0.9932	0.8925	0.5614
4.2	0.8044	0.5369	0.9958	0.8417	0.0088	0.9902	0.8661	0.5539
4.3	0.7435	0.4553	0.9936	0.7412	0.0083	0.9837	0.8073	0.6629
4.4	0.7487	0.6534	0.9953	0.7292	0.0101	0.9856	0.7917	0.7516
4.5	0.6476	0.7108	0.9923	0.5910	0.0354	0.9809	0.5917	0.7397
4.6	0.6360	0.7086	0.9920	0.6716	0.0612	0.9802	0.4466	0.7698
4.7	0.5531	0.5931	0.9921	0.6602	0.0051	0.9708	0.2411	0.7608
4.8	0.4233	0.5241	0.9887	0.4847	0.0015	0.9602	0.3538	0.6042
4.9	0.5587	0.4538	0.9871	0.4966	0.0151	0.9594	0.5954	0.5394
5.0	0.6573	0.3089	0.9862	0.6847	0.1067	0.9666	0.6922	0.5005
5.1	0.7600	0.4396	0.9907	0.7728	0.0105	0.9838	0.7778	0.6397
5.2	0.7903	0.3845	0.9891	0.8114	0.0255	0.9810	0.7880	0.6912
5.3	0.7667	0.1966	0.9921	0.8634	0.0191	0.9754	0.8105	0.4957
5.4	0.3278	0.0289	0.9703	0.6875	0.0020	0.8879	0.3311	0.2268
5.5	0.0579	0.1219	0.9640	0.3906	0.0575	0.8906	0.2844	0.3715
5.6	0.0582	0.2718	0.9786	0.2842	0.1356	0.9460	0.5267	0.4436
5.7	0.1720	0.3998	0.9928	0.0653	0.0192	0.9735	0.7437	0.6041
5.8	0.6612	0.3699	0.9964	0.6339	0.0474	0.9876	0.8207	0.6968
5.9	0.8610	0.6186	0.9974	0.8801	0.1012	0.9939	0.8435	0.7445
6.0	0.9401	0.7336	0.9973	0.9359	0.2217	0.9969	0.9217	0.7523
6.1	0.9430	0.8303	0.9952	0.9513	0.2187	0.9970	0.9344	0.8012
6.2	0.9716	0.8751	0.9972	0.9798	0.3063	0.9974	0.9700	0.8652
6.3	0.9772	0.9111	0.9960	0.9826	0.2004	0.9978	0.9809	0.8610
6.4	0.9815	0.9065	0.9965	0.9824	0.1990	0.9981	0.9829	0.8541
6.5	0.9765	0.8904	0.9948	0.9748	0.0385	0.9972	0.9733	0.6875
6.6	0.9737	0.7948	0.9948	0.9779	0.0414	0.9982	0.9921	0.5343
6.7	0.9697	0.6875	0.9916	0.9717	0.0987	0.9974	0.9831	0.5492
6.8	0.9708	0.6179	0.9882	0.9699	0.0755	0.9973	0.9834	0.7678
6.9	0.9388	0.7213	0.9687	0.9351	0.0589	0.9954	0.9673	0.7912
7.0	0.9394	0.8374	0.9633	0.9376	0.0278	0.9950	0.9525	0.8447
7.1	0.9027	0.7615	0.9307	0.9027	0.1222	0.9917	0.9035	0.7589
7.2	0.8849	0.5409	0.9034	0.8917	0.0910	0.9850	0.8436	0.5832
7.3	0.9494	0.4083	0.9425	0.9523	0.1206	0.9558	0.9041	0.6105
7.4	0.9418	0.7425	0.9229	0.9428	0.1043	0.9733	0.9307	0.7148
7.5	0.9545	0.8689	0.9024	0.9580	0.0968	0.9938	0.9616	0.8076
7.6	0.9791	0.9011	0.9310	0.9830	0.1271	0.9980	0.9875	0.8188
7.7	0.9725	0.8477	0.8848	0.9826	0.0336	0.9963	0.9876	0.8438
7.8	0.9795	0.8771	0.8755	0.9878	0.0651	0.9886	0.9919	0.8196
7.9	0.9845	0.9196	0.9666	0.9896	0.1872	0.9908	0.9919	0.8227

8.0	0.9826	0.8465	0.9829	0.9884	0.0889	0.9960	0.9913	0.7889
8.1	0.9827	0.8226	0.9762	0.9899	0.0853	0.9942	0.9925	0.8437
8.2	0.9780	0.8546	0.9819	0.9868	0.0575	0.9927	0.9908	0.8221
8.3	0.9867	0.9007	0.9905	0.9914	0.0775	0.9962	0.9934	0.8254
8.4	0.9878	0.8877	0.9923	0.9918	0.0897	0.9967	0.9950	0.7814
8.5	0.9886	0.8823	0.9895	0.9927	0.1072	0.9946	0.9947	0.7311
8.6	0.9862	0.8907	0.9894	0.9912	0.0932	0.9938	0.9929	0.6682
8.7	0.9878	0.8506	0.9805	0.9917	0.2423	0.9866	0.9925	0.6485
8.8	0.9844	0.8487	0.9866	0.9886	0.3353	0.9896	0.9827	0.5060
8.9	0.9867	0.8284	0.9861	0.9902	0.3373	0.9886	0.9869	0.6033
9.0	0.9702	0.8060	0.9724	0.9750	0.2959	0.9745	0.9255	0.6608
9.1	0.9802	0.8076	0.9803	0.9833	0.2448	0.9814	0.8452	0.6610
9.2	0.9667	0.8094	0.9604	0.9688	0.2802	0.9627	0.9576	0.7793
9.3	0.9527	0.7759	0.9528	0.9559	0.4138	0.9535	0.9808	0.9252
9.4	0.9313	0.7032	0.9436	0.9357	0.3431	0.9422	0.9764	0.8997
9.5	0.9484	0.6722	0.9649	0.9505	0.2978	0.9633	0.9752	0.9172
9.6	0.9510	0.5913	0.9742	0.9556	0.2476	0.9726	0.9804	0.9439
9.7	0.9380	0.5728	0.9729	0.9450	0.1698	0.9703	0.9721	0.9213
9.8	0.9652	0.6435	0.9888	0.9712	0.1442	0.9878	0.9894	0.9372
9.9	0.9629	0.4470	0.9920	0.9725	0.1726	0.9912	0.9871	0.9394
10.0	0.9428	0.3281	0.9940	0.9608	0.1026	0.9933	0.9771	0.9260
10.1	0.9387	0.4763	0.9933	0.9541	0.0757	0.9927	0.9831	0.9146
10.2	0.9371	0.5079	0.9967	0.9615	0.0643	0.9964	0.9787	0.9323
10.3	0.9392	0.4699	0.9983	0.9657	0.0481	0.9983	0.9493	0.9160
10.4	0.9543	0.6554	0.9996	0.9778	0.0876	0.9996	0.9384	0.9285
10.5	0.9523	0.7026	0.9994	0.9766	0.1038	0.9994	0.9415	0.9289
10.6	0.9099	0.6758	0.9980	0.9533	0.0437	0.9980	0.9180	0.8521
10.7	0.9295	0.6942	0.9979	0.9453	0.1137	0.9977	0.9373	0.8265
10.8	0.9147	0.7422	0.9981	0.9497	0.2073	0.9980	0.9469	0.8072
10.9	0.8626	0.7551	0.9982	0.9228	0.0603	0.9983	0.9417	0.7261
11.0	0.8417	0.7660	0.9988	0.8904	0.0096	0.9987	0.9623	0.6324
11.1	0.7963	0.8023	0.9987	0.8666	0.0650	0.9987	0.9704	0.6836
11.2	0.7670	0.8351	0.9988	0.8530	0.0434	0.9989	0.9628	0.7469
11.3	0.7131	0.8351	0.9992	0.8230	0.0952	0.9994	0.9671	0.7350
11.4	0.5062	0.8413	0.9989	0.7874	0.1014	0.9990	0.9690	0.6690
11.5	0.4182	0.8918	0.9991	0.7838	0.1312	0.9989	0.9576	0.6776
11.6	0.4470	0.8478	0.9985	0.7579	0.0522	0.9986	0.9288	0.6110
11.7	0.5278	0.8901	0.9987	0.7998	0.1700	0.9989	0.9326	0.7589
11.8	0.6802	0.8980	0.9986	0.8306	0.0769	0.9987	0.9246	0.7995
11.9	0.7086	0.9164	0.9986	0.9064	0.0688	0.9987	0.9396	0.7959
12.0	0.7288	0.9172	0.9981	0.9247	0.1253	0.9986	0.9503	0.8127
12.1	0.7841	0.8762	0.9985	0.9336	0.1363	0.9987	0.9392	0.8654
12.2	0.7285	0.8731	0.9983	0.9404	0.1482	0.9985	0.9290	0.8829
12.3	0.8082	0.8833	0.9983	0.9488	0.2607	0.9988	0.9217	0.8881
12.4	0.9034	0.8719	0.9985	0.9606	0.2448	0.9985	0.9382	0.9058
12.5	0.9368	0.8569	0.9984	0.9745	0.0806	0.9990	0.9611	0.9454
12.6	0.9038	0.7759	0.9984	0.9661	0.0246	0.9988	0.9526	0.9466
12.7	0.8754	0.5887	0.9990	0.9593	0.0008	0.9989	0.9509	0.9144
12.8	0.8769	0.5042	0.9988	0.9673	0.0076	0.9990	0.9717	0.8980
12.9	0.8804	0.2696	0.9990	0.9731	0.0082	0.9994	0.9713	0.8782
13.0	0.8846	0.5194	0.9988	0.9720	0.0064	0.9992	0.9221	0.8787
13.1	0.9006	0.7776	0.9981	0.9701	0.1135	0.9989	0.9039	0.8884
13.2	0.9026	0.8661	0.9982	0.9719	0.2426	0.9991	0.9323	0.9139
13.3	0.8988	0.8421	0.9968	0.9613	0.3312	0.9986	0.9342	0.8792
13.4	0.9255	0.9063	0.9968	0.9549	0.5309	0.9985	0.9200	0.8961
13.5	0.9360	0.9363	0.9960	0.9493	0.6424	0.9985	0.9253	0.8745
13.6	0.9594	0.9696	0.9961	0.9426	0.6235	0.9984	0.9525	0.9158
13.7	0.9631	0.9781	0.9948	0.9282	0.5931	0.9974	0.9527	0.9152
13.8	0.9705	0.9726	0.9946	0.9327	0.5385	0.9974	0.9523	0.8731
13.9	0.9605	0.9618	0.9952	0.9163	0.5676	0.9966	0.9432	0.8605
14.0	0.9672	0.9712	0.9958	0.9369	0.7206	0.9956	0.9412	0.8972
14.1	0.9601	0.9730	0.9959	0.9450	0.7414	0.9966	0.9426	0.8845
14.2	0.9591	0.9701	0.9958	0.9383	0.7212	0.9965	0.9202	0.8529
14.3	0.9364	0.9747	0.9954	0.9296	0.7328	0.9961	0.9191	0.8187
14.4	0.9352	0.9806	0.9961	0.9570	0.6910	0.9970	0.9301	0.7780
14.5	0.8962	0.9670	0.9951	0.9531	0.5955	0.9967	0.8749	0.7201
14.6	0.9362	0.9761	0.9971	0.9694	0.6662	0.9970	0.8714	0.8413
14.7	0.9541	0.9700	0.9967	0.9728	0.6888	0.9961	0.8335	0.8207
14.8	0.9657	0.9499	0.9965	0.9814	0.6828	0.9929	0.8524	0.8205
14.9	0.9628	0.9460	0.9971	0.9820	0.7165	0.9946	0.8773	0.8512
15.0	0.9500	0.9464	0.9968	0.9779	0.6365	0.9937	0.7762	0.8905
15.1	0.9373	0.8991	0.9967	0.9712	0.5021	0.9921	0.7365	0.8682
15.2	0.9514	0.8188	0.9967	0.9748	0.4174	0.9927	0.7380	0.8705
15.3	0.9615	0.7337	0.9975	0.9817	0.2521	0.9950	0.8496	0.8597
15.4	0.9734	0.6956	0.9981	0.9858	0.2614	0.9966	0.8571	0.8683
15.5	0.9739	0.6807	0.9969	0.9887	0.3089	0.9969	0.7880	0.8548
15.6	0.9706	0.6758	0.9918	0.9831	0.2208	0.9958	0.7634	0.8322
15.7	0.9792	0.8108	0.9854	0.9899	0.5052	0.9972	0.8476	0.8283
15.8	0.9882	0.9011	0.9802	0.9920	0.7015	0.9983	0.9034	0.8862
15.9	0.9906	0.9288	0.9705	0.9936	0.8001	0.9983	0.9179	0.8835
16.0	0.9832	0.8826	0.9411	0.9867	0.6516	0.9962	0.8781	0.8108
16.1	0.9897	0.9186	0.9485	0.9927	0.6658	0.9970	0.8832	0.8398
16.2	0.9908	0.9363	0.9487	0.9934	0.8152	0.9971	0.8970	0.8697
16.3	0.9924	0.9685	0.9613	0.9919	0.8705	0.9983	0.9112	0.9196
16.4	0.9935	0.9765	0.9780	0.9939	0.8558	0.9986	0.7699	0.9335
16.5	0.9834	0.9646	0.9672	0.9845	0.7844	0.9968	0.5367	0.8457

16.6	0.9830	0.9654	0.9766	0.9862	0.8476	0.9936	0.8380	0.7604
16.7	0.9867	0.9559	0.9858	0.9874	0.8334	0.9894	0.8728	0.5766
16.8	0.9843	0.9398	0.9887	0.9863	0.7859	0.9901	0.8528	0.2993
16.9	0.9686	0.9096	0.9910	0.9713	0.7623	0.9806	0.8460	0.4257
17.0	0.9633	0.8940	0.9939	0.9643	0.7090	0.9686	0.8261	0.2570
17.1	0.9592	0.8577	0.9806	0.9533	0.5059	0.9447	0.7945	0.0105
17.2	0.9842	0.8832	0.9559	0.9841	0.4801	0.9768	0.8107	0.4864
17.3	0.9838	0.8363	0.9701	0.9842	0.4044	0.9579	0.7423	0.5777
17.4	0.9862	0.6711	0.9724	0.9837	0.2429	0.9406	0.7428	0.2451
17.5	0.9885	0.5765	0.9672	0.9845	0.0473	0.9228	0.6864	0.2610
17.6	0.9902	0.6628	0.9626	0.9878	0.0440	0.9431	0.7865	0.6394
17.7	0.9891	0.6786	0.9539	0.9871	0.1032	0.9277	0.7848	0.5619
17.8	0.9853	0.5978	0.9346	0.9858	0.1819	0.8946	0.6763	0.5158
17.9	0.9887	0.5979	0.9435	0.9868	0.1794	0.8640	0.7295	0.4217
18.0	0.9897	0.6818	0.9659	0.9855	0.3171	0.8689	0.8382	0.3136
18.1	0.9905	0.6816	0.9843	0.9896	0.3925	0.8943	0.8974	0.2454
18.2	0.9906	0.4885	0.9849	0.9913	0.1508	0.9237	0.9383	0.2347
18.3	0.9886	0.2639	0.9921	0.9889	0.0094	0.9384	0.9591	0.1824
18.4	0.9852	0.2206	0.9886	0.9853	0.0078	0.8243	0.9482	0.0333
18.5	0.9778	0.3244	0.9417	0.9627	0.0143	0.3799	0.9389	0.0545
18.6	0.9676	0.6724	0.9471	0.9070	0.0890	0.7925	0.8775	0.0671
18.7	0.9638	0.5876	0.9759	0.9384	0.1378	0.9018	0.9049	0.0580
18.8	0.9669	0.6187	0.9932	0.9716	0.1598	0.9632	0.9418	0.1128
18.9	0.9589	0.6469	0.9923	0.9791	0.1249	0.9523	0.9466	0.0598
19.0	0.9559	0.6333	0.9952	0.9838	0.1370	0.9621	0.9557	0.2142
19.1	0.9536	0.6883	0.9943	0.9846	0.1955	0.9652	0.9651	0.3534
19.2	0.9633	0.6071	0.9949	0.9849	0.2214	0.9648	0.9652	0.2687
19.3	0.9367	0.5867	0.9918	0.9739	0.1212	0.9299	0.9248	0.1110
19.4	0.9376	0.7196	0.9934	0.9738	0.1591	0.9289	0.9184	0.0595
19.5	0.9562	0.7728	0.9960	0.9849	0.2467	0.9718	0.9618	0.0466
19.6	0.9404	0.7365	0.9970	0.9859	0.1643	0.9859	0.9702	0.2462
19.7	0.9404	0.7812	0.9973	0.9896	0.0819	0.9853	0.9777	0.5308
19.8	0.9537	0.8233	0.9973	0.9883	0.1081	0.9903	0.9872	0.7126
19.9	0.9469	0.8005	0.9957	0.9856	0.0591	0.9907	0.9894	0.7751
20.0	0.9486	0.8324	0.9971	0.9899	0.1950	0.9903	0.9899	0.8295
20.1	0.9558	0.8117	0.9971	0.9916	0.3209	0.9914	0.9916	0.8829
20.2	0.9599	0.8258	0.9970	0.9910	0.0853	0.9918	0.9894	0.8713
20.3	0.9668	0.8691	0.9977	0.9919	0.0203	0.9952	0.9914	0.9168
20.4	0.9719	0.8589	0.9986	0.9918	0.0298	0.9951	0.9923	0.9091
20.5	0.9624	0.8395	0.9983	0.9895	0.0279	0.9951	0.9922	0.9143
20.6	0.9687	0.8155	0.9981	0.9900	0.0708	0.9952	0.9925	0.9402
20.7	0.9647	0.7834	0.9975	0.9907	0.0147	0.9901	0.9890	0.9183
20.8	0.9635	0.7604	0.9965	0.9850	0.0682	0.9901	0.9876	0.8808
20.9	0.9676	0.6561	0.9967	0.9861	0.0059	0.9932	0.9856	0.9056
21.0	0.9566	0.4036	0.9962	0.9874	0.0065	0.9901	0.9851	0.9399
21.1	0.9472	0.3465	0.9964	0.9811	0.0248	0.9890	0.9835	0.9336
21.2	0.9143	0.3451	0.9950	0.9782	0.0938	0.9888	0.9811	0.9109
21.3	0.8829	0.0730	0.9911	0.9737	0.1038	0.9792	0.9687	0.8628
21.4	0.8262	0.1336	0.9930	0.9785	0.0963	0.9869	0.9709	0.8747
21.5	0.7856	0.0576	0.9961	0.9733	0.0488	0.9933	0.9820	0.8743
21.6	0.8141	0.0823	0.9968	0.9625	0.1221	0.9930	0.9738	0.8850
21.7	0.6012	0.0712	0.9949	0.9533	0.1419	0.9908	0.9557	0.8481
21.8	0.4833	0.0627	0.9956	0.9427	0.1290	0.9934	0.9508	0.8036
21.9	0.4002	0.1343	0.9950	0.9388	0.1150	0.9922	0.9430	0.8172
22.0	0.2866	0.1289	0.9946	0.9528	0.1482	0.9932	0.8936	0.7971
22.1	0.3274	0.1750	0.9950	0.9552	0.0530	0.9929	0.8503	0.7946
22.2	0.6254	0.1128	0.9978	0.9728	0.0732	0.9966	0.8787	0.8273
22.3	0.6685	0.0356	0.9966	0.9716	0.0655	0.9953	0.8849	0.8329
22.4	0.7948	0.0741	0.9977	0.9817	0.1631	0.9967	0.9295	0.8862
22.5	0.8635	0.0479	0.9980	0.9749	0.3385	0.9970	0.9386	0.9072
22.6	0.7988	0.0482	0.9972	0.9679	0.2066	0.9965	0.8958	0.9100
22.7	0.8108	0.0802	0.9969	0.9668	0.2516	0.9966	0.7939	0.9281
22.8	0.8929	0.0776	0.9977	0.9681	0.2376	0.9973	0.7965	0.9400
22.9	0.9266	0.1088	0.9976	0.9661	0.1182	0.9969	0.8469	0.9501
23.0	0.9261	0.1325	0.9975	0.9742	0.1360	0.9959	0.8126	0.9342
23.1	0.9211	0.2089	0.9972	0.9816	0.0783	0.9958	0.6714	0.9517
23.2	0.9340	0.3879	0.9987	0.9845	0.1714	0.9985	0.7634	0.9761
23.3	0.9315	0.3399	0.9983	0.9696	0.2957	0.9980	0.6445	0.9734
23.4	0.9400	0.4642	0.9990	0.9739	0.4316	0.9989	0.6144	0.9748
23.5	0.9378	0.4315	0.9985	0.9733	0.4232	0.9986	0.6603	0.9703
23.6	0.9313	0.4204	0.9986	0.9712	0.4866	0.9986	0.6747	0.9681
23.7	0.9448	0.3842	0.9986	0.9797	0.5064	0.9984	0.8073	0.9697
23.8	0.9363	0.2823	0.9985	0.9805	0.4439	0.9985	0.8045	0.9667
23.9	0.9344	0.2617	0.9980	0.9826	0.5067	0.9980	0.8713	0.9625
24.0	0.9597	0.2018	0.9985	0.9834	0.5316	0.9982	0.8583	0.9537
24.1	0.9561	0.0550	0.9985	0.9826	0.4721	0.9978	0.8979	0.9611
24.2	0.9543	0.0678	0.9981	0.9832	0.4028	0.9975	0.9182	0.9616
24.3	0.9039	0.0855	0.9971	0.9742	0.1934	0.9930	0.8470	0.8951
24.4	0.8917	0.1131	0.9964	0.9644	0.2146	0.9854	0.8690	0.8322
24.5	0.9050	0.2835	0.9952	0.9701	0.1790	0.9781	0.8636	0.7792
24.6	0.9065	0.4084	0.9944	0.9763	0.1931	0.9893	0.8911	0.7885
24.7	0.9224	0.4181	0.9944	0.9816	0.1649	0.9929	0.8994	0.8000
24.8	0.9147	0.3936	0.9963	0.9821	0.1085	0.9963	0.9175	0.8245
24.9	0.9045	0.3565	0.9958	0.9824	0.1125	0.9969	0.9516	0.8770
25.0	0.9134	0.5909	0.9962	0.9869	0.2541	0.9966	0.9816	0.9276
25.1	0.9266	0.5159	0.9958	0.9895	0.3199	0.9959	0.9872	0.9420

25.2	0.8833	0.4898	0.9937	0.9863	0.1891	0.9891	0.9836	0.9378
25.3	0.8686	0.6309	0.9896	0.9810	0.1154	0.9795	0.9667	0.9129
25.4	0.8704	0.6268	0.9817	0.9835	0.2581	0.9576	0.9619	0.9015
25.5	0.8512	0.7031	0.9801	0.9822	0.1671	0.9427	0.9671	0.9014
25.6	0.8659	0.6685	0.9880	0.9865	0.1555	0.9644	0.9655	0.9036
25.7	0.9162	0.6069	0.9959	0.9876	0.1641	0.9901	0.9592	0.9184
25.8	0.9352	0.6870	0.9979	0.9891	0.1361	0.9956	0.9403	0.9249
25.9	0.9453	0.7574	0.9984	0.9918	0.1766	0.9971	0.9569	0.9428
26.0	0.9567	0.7173	0.9976	0.9905	0.3271	0.9951	0.9583	0.9557
26.1	0.9401	0.6916	0.9972	0.9897	0.3410	0.9955	0.9619	0.9555
26.2	0.9492	0.7044	0.9984	0.9917	0.2982	0.9977	0.9737	0.9613
26.3	0.9582	0.6367	0.9988	0.9904	0.4103	0.9985	0.9683	0.9479
26.4	0.9586	0.6623	0.9990	0.9919	0.5520	0.9989	0.9752	0.9432
26.5	0.9587	0.6645	0.9987	0.9922	0.4633	0.9991	0.9750	0.9321
26.6	0.9660	0.4649	0.9987	0.9892	0.4190	0.9991	0.9730	0.9106
26.7	0.9685	0.3148	0.9987	0.9906	0.4476	0.9990	0.9689	0.9337
26.8	0.9477	0.4840	0.9985	0.9839	0.2432	0.9983	0.9507	0.9200
26.9	0.9578	0.5916	0.9985	0.9849	0.0355	0.9986	0.9653	0.9396
27.0	0.9619	0.7359	0.9980	0.9874	0.0064	0.9985	0.9477	0.9574
27.1	0.9694	0.8669	0.9987	0.9910	0.1535	0.9991	0.9382	0.9657
27.2	0.9742	0.9113	0.9994	0.9940	0.2819	0.9991	0.8553	0.9566
27.3	0.9675	0.9141	0.9993	0.9932	0.2086	0.9986	0.8597	0.9509
27.4	0.9596	0.9410	0.9990	0.9937	0.0733	0.9993	0.8823	0.9591
27.5	0.9681	0.9480	0.9994	0.9951	0.0520	0.9994	0.9312	0.9706
27.6	0.9667	0.9487	0.9993	0.9950	0.0845	0.9986	0.9246	0.9693
27.7	0.9562	0.9291	0.9989	0.9929	0.1678	0.9985	0.8728	0.9555
27.8	0.9625	0.9551	0.9991	0.9946	0.2074	0.9988	0.8823	0.9660
27.9	0.9619	0.9697	0.9991	0.9948	0.4428	0.9988	0.9011	0.9576
28.0	0.9515	0.9680	0.9989	0.9943	0.3129	0.9984	0.8956	0.9472
28.1	0.9592	0.9548	0.9981	0.9906	0.2592	0.9982	0.8722	0.9561
28.2	0.9707	0.9569	0.9970	0.9861	0.3228	0.9982	0.8541	0.9547
28.3	0.9643	0.9489	0.9966	0.9900	0.2924	0.9976	0.7640	0.9536
28.4	0.9743	0.9322	0.9976	0.9947	0.2852	0.9979	0.8051	0.9605
28.5	0.9697	0.9170	0.9985	0.9934	0.1862	0.9979	0.8717	0.9400
28.6	0.9750	0.9253	0.9990	0.9950	0.1886	0.9985	0.8741	0.9248
28.7	0.9732	0.9174	0.9988	0.9949	0.1953	0.9982	0.8546	0.9363
28.8	0.9737	0.9354	0.9986	0.9957	0.1991	0.9983	0.8313	0.9507
28.9	0.9728	0.9366	0.9983	0.9942	0.1623	0.9981	0.8550	0.9520
29.0	0.9778	0.9150	0.9983	0.9933	0.2619	0.9974	0.8587	0.9467
29.1	0.9824	0.9230	0.9983	0.9952	0.1544	0.9967	0.8609	0.9474
29.2	0.9796	0.9230	0.9978	0.9949	0.1667	0.9967	0.8415	0.9489
29.3	0.9826	0.9487	0.9982	0.9953	0.1263	0.9969	0.8907	0.9565
29.4	0.9838	0.9382	0.9981	0.9954	0.2659	0.9970	0.9221	0.9706
29.5	0.9772	0.9139	0.9974	0.9946	0.3522	0.9966	0.9105	0.9598
29.6	0.9813	0.9338	0.9980	0.9938	0.1316	0.9974	0.9189	0.9550
29.7	0.9790	0.9373	0.9982	0.9942	0.3011	0.9979	0.9299	0.9665
29.8	0.9755	0.9217	0.9979	0.9925	0.3304	0.9963	0.9002	0.9482
29.9	0.9781	0.8588	0.9884	0.9678	0.4281	0.9899	0.8088	0.8909
30.0	0.9788	0.8927	0.9916	0.9802	0.3262	0.9931	0.8528	0.9232
30.1	0.9799	0.9212	0.9979	0.9924	0.4415	0.9980	0.9429	0.9509
30.2	0.9735	0.8678	0.9974	0.9927	0.5573	0.9978	0.9395	0.9322
30.3	0.9677	0.8416	0.9969	0.9943	0.5746	0.9981	0.9435	0.9203
30.4	0.9603	0.8217	0.9961	0.9932	0.4707	0.9978	0.9546	0.9288
30.5	0.9759	0.8520	0.9963	0.9928	0.3235	0.9972	0.9489	0.9206
30.6	0.9827	0.8830	0.9966	0.9914	0.3629	0.9952	0.9381	0.8879
30.7	0.9855	0.9018	0.9964	0.9927	0.4484	0.9959	0.9535	0.9115
30.8	0.9866	0.9099	0.9973	0.9923	0.5634	0.9953	0.9479	0.9188
30.9	0.9866	0.8969	0.9978	0.9933	0.5996	0.9954	0.9408	0.8866
31.0	0.9887	0.9042	0.9969	0.9922	0.7270	0.9967	0.9327	0.8264
31.1	0.9866	0.8934	0.9969	0.9916	0.7441	0.9974	0.9390	0.8232
31.2	0.9867	0.8720	0.9959	0.9879	0.7616	0.9961	0.9188	0.7056
31.3	0.9880	0.8004	0.9962	0.9878	0.7216	0.9961	0.9378	0.6518
31.4	0.9817	0.7665	0.9957	0.9904	0.6632	0.9949	0.9468	0.6413
31.5	0.9793	0.7552	0.9947	0.9852	0.6382	0.9936	0.9368	0.5502
31.6	0.9792	0.7868	0.9953	0.9863	0.6306	0.9952	0.9213	0.2943
31.7	0.9813	0.8170	0.9951	0.9896	0.7144	0.9966	0.9049	0.1109
31.8	0.9835	0.7927	0.9928	0.9830	0.7532	0.9945	0.9296	0.1335
31.9	0.9848	0.8337	0.9927	0.9826	0.7322	0.9947	0.9519	0.3083
32.0	0.9811	0.8164	0.9905	0.9813	0.7341	0.9952	0.8965	0.2687
32.1	0.9783	0.7849	0.9937	0.9835	0.7326	0.9955	0.9189	0.4762
32.2	0.9749	0.7644	0.9886	0.9819	0.7112	0.9948	0.9454	0.5501
32.3	0.9769	0.7366	0.9864	0.9671	0.7638	0.9938	0.9404	0.6348
32.4	0.9701	0.7649	0.9836	0.9672	0.7487	0.9942	0.9430	0.7359
32.5	0.9632	0.7695	0.9860	0.9735	0.7377	0.9946	0.9318	0.7474
32.6	0.9586	0.7646	0.9890	0.9716	0.6798	0.9944	0.9240	0.7074
32.7	0.9742	0.7794	0.9936	0.9787	0.6624	0.9941	0.9177	0.7588
32.8	0.9810	0.7654	0.9933	0.9776	0.6782	0.9929	0.9291	0.7349
32.9	0.9737	0.7067	0.9931	0.9782	0.7137	0.9948	0.9469	0.6615
33.0	0.9817	0.6744	0.9939	0.9820	0.6781	0.9931	0.9407	0.6869
33.1	0.9843	0.6951	0.9940	0.9873	0.6983	0.9928	0.9399	0.7218
33.2	0.9803	0.5674	0.9945	0.9858	0.6241	0.9938	0.9371	0.7928
33.3	0.9860	0.5991	0.9949	0.9825	0.5249	0.9938	0.9597	0.7951
33.4	0.9771	0.5952	0.9904	0.9771	0.4153	0.9891	0.9514	0.7236
33.5	0.9828	0.6800	0.9915	0.9815	0.2510	0.9899	0.9406	0.6960
33.6	0.9846	0.7883	0.9939	0.9867	0.1127	0.9914	0.9383	0.7540
33.7	0.9875	0.8672	0.9935	0.9886	0.0507	0.9919	0.9390	0.7846

33.8	0.9850	0.8288	0.9910	0.9883	0.0562	0.9903	0.9227	0.6970
33.9	0.9835	0.7708	0.9887	0.9910	0.0469	0.9881	0.9224	0.5950
34.0	0.9915	0.7981	0.9900	0.9929	0.1279	0.9920	0.9379	0.6055
34.1	0.9918	0.8325	0.9919	0.9930	0.2002	0.9905	0.9493	0.6153
34.2	0.9923	0.8327	0.9913	0.9936	0.2465	0.9884	0.9523	0.6602
34.3	0.9901	0.7606	0.9869	0.9916	0.0965	0.9843	0.9453	0.6343
34.4	0.9851	0.7022	0.9832	0.9879	0.1674	0.9706	0.9310	0.5425
34.5	0.9896	0.8721	0.9898	0.9936	0.4911	0.9782	0.9326	0.7492
34.6	0.9931	0.9393	0.9942	0.9953	0.4219	0.9866	0.9406	0.8252
34.7	0.9939	0.9272	0.9935	0.9942	0.4381	0.9843	0.9367	0.7998
34.8	0.9923	0.9051	0.9906	0.9926	0.3833	0.9789	0.8964	0.7887
34.9	0.9900	0.9190	0.9894	0.9915	0.3882	0.9810	0.8995	0.7993
35.0	0.9883	0.9226	0.9910	0.9919	0.3638	0.9775	0.9208	0.7918
35.1	0.9880	0.9258	0.9894	0.9927	0.3598	0.9801	0.9176	0.8169
35.2	0.9904	0.9454	0.9929	0.9921	0.4525	0.9863	0.9283	0.8592
35.3	0.9929	0.9496	0.9932	0.9940	0.5044	0.9894	0.9602	0.9037
35.4	0.9923	0.9525	0.9917	0.9938	0.4837	0.9910	0.9545	0.9028
35.5	0.9933	0.9473	0.9940	0.9940	0.4022	0.9939	0.9649	0.9086
35.6	0.9929	0.9369	0.9957	0.9943	0.4228	0.9941	0.9618	0.9185
35.7	0.9918	0.9308	0.9954	0.9925	0.4625	0.9939	0.9702	0.9284
35.8	0.9935	0.9404	0.9939	0.9936	0.5205	0.9948	0.9718	0.9362
35.9	0.9935	0.9226	0.9906	0.9921	0.5388	0.9951	0.9602	0.9298
36.0	0.9940	0.9243	0.9913	0.9930	0.5872	0.9959	0.9759	0.9472
36.1	0.9941	0.8942	0.9889	0.9937	0.5691	0.9949	0.9774	0.9480
36.2	0.9934	0.8817	0.9849	0.9932	0.6522	0.9945	0.9797	0.9487
36.3	0.9963	0.9212	0.9879	0.9956	0.6584	0.9965	0.9873	0.9611
36.4	0.9939	0.9035	0.9876	0.9937	0.5649	0.9967	0.9756	0.9504
36.5	0.9956	0.8940	0.9907	0.9953	0.6914	0.9958	0.9761	0.9598
36.6	0.9963	0.9153	0.9946	0.9956	0.7165	0.9976	0.9834	0.9710
36.7	0.9957	0.9242	0.9942	0.9947	0.7012	0.9967	0.9863	0.9743
36.8	0.9953	0.9120	0.9924	0.9942	0.7014	0.9969	0.9853	0.9744
36.9	0.9961	0.8894	0.9959	0.9949	0.7443	0.9976	0.9874	0.9818
37.0	0.9953	0.8680	0.9970	0.9929	0.6970	0.9967	0.9841	0.9836
37.1	0.9935	0.8224	0.9963	0.9904	0.7016	0.9962	0.9825	0.9816
37.2	0.9923	0.8363	0.9970	0.9894	0.7900	0.9962	0.9862	0.9859
37.3	0.9939	0.7948	0.9972	0.9901	0.8010	0.9961	0.9847	0.9830
37.4	0.9915	0.5828	0.9963	0.9886	0.8126	0.9956	0.9787	0.9736
37.5	0.9923	0.1831	0.9966	0.9902	0.7265	0.9956	0.9709	0.9730
37.6	0.9945	0.3777	0.9971	0.9924	0.8081	0.9971	0.9801	0.9858
37.7	0.9945	0.6550	0.9970	0.9927	0.8397	0.9964	0.9842	0.9848
37.8	0.9932	0.7869	0.9960	0.9922	0.7616	0.9949	0.9806	0.9745
37.9	0.9943	0.8533	0.9961	0.9923	0.8004	0.9933	0.9787	0.9752
38.0	0.9935	0.8929	0.9949	0.9917	0.7554	0.9924	0.9720	0.9744
38.1	0.9941	0.9358	0.9957	0.9908	0.7694	0.9908	0.9747	0.9759
38.2	0.9936	0.9485	0.9956	0.9891	0.7334	0.9915	0.9811	0.9639
38.3	0.9903	0.9389	0.9896	0.9845	0.6888	0.9866	0.9789	0.9383
38.4	0.9921	0.9568	0.9900	0.9875	0.6844	0.9883	0.9835	0.9518
38.5	0.9922	0.9707	0.9940	0.9869	0.6472	0.9906	0.9822	0.9663
38.6	0.9941	0.9742	0.9959	0.9894	0.6334	0.9937	0.9880	0.9735
38.7	0.9925	0.9697	0.9951	0.9865	0.6314	0.9918	0.9846	0.9723
38.8	0.9948	0.9798	0.9964	0.9910	0.6019	0.9954	0.9834	0.9705
38.9	0.9960	0.9816	0.9965	0.9924	0.5360	0.9963	0.9846	0.9765
39.0	0.9937	0.9728	0.9947	0.9885	0.4146	0.9938	0.9807	0.9644
39.1	0.9937	0.9790	0.9966	0.9897	0.4851	0.9951	0.9800	0.9702
39.2	0.9940	0.9831	0.9980	0.9909	0.6348	0.9965	0.9714	0.9747
39.3	0.9959	0.9857	0.9978	0.9937	0.6708	0.9972	0.9734	0.9778
39.4	0.9943	0.9648	0.9978	0.9900	0.6128	0.9966	0.9688	0.9614
39.5	0.9935	0.9800	0.9984	0.9898	0.6968	0.9969	0.9701	0.9502
39.6	0.9932	0.9802	0.9978	0.9893	0.7315	0.9965	0.9669	0.9464
39.7	0.9954	0.9668	0.9972	0.9925	0.7373	0.9961	0.9718	0.9217
39.8	0.9951	0.9722	0.9972	0.9923	0.8088	0.9959	0.9817	0.8901
39.9	0.9948	0.9823	0.9975	0.9925	0.8167	0.9958	0.9737	0.8755
40.0	0.9950	0.9820	0.9982	0.9918	0.8369	0.9961	0.9646	0.8410
40.1	0.9932	0.9708	0.9971	0.9888	0.8175	0.9949	0.9448	0.7235
40.2	0.9948	0.9770	0.9974	0.9917	0.8602	0.9963	0.9521	0.6900
40.3	0.9968	0.9744	0.9977	0.9947	0.9134	0.9972	0.9535	0.7148
40.4	0.9971	0.9159	0.9977	0.9933	0.8667	0.9973	0.9478	0.6518
40.5	0.9971	0.9622	0.9978	0.9938	0.8777	0.9973	0.9449	0.6933
40.6	0.9972	0.9734	0.9982	0.9944	0.9061	0.9976	0.9445	0.7999
40.7	0.9979	0.9824	0.9984	0.9955	0.9188	0.9982	0.9392	0.8900
40.8	0.9961	0.9737	0.9984	0.9920	0.8834	0.9976	0.9261	0.8731
40.9	0.9966	0.9761	0.9980	0.9945	0.9134	0.9980	0.9356	0.8957
41.0	0.9954	0.9787	0.9983	0.9948	0.9045	0.9968	0.9316	0.9078
41.1	0.9969	0.9743	0.9981	0.9955	0.9293	0.9972	0.9470	0.9249
41.2	0.9968	0.9685	0.9973	0.9963	0.9401	0.9953	0.9627	0.9370
41.3	0.9932	0.9485	0.9913	0.9937	0.9224	0.9876	0.9415	0.8916
41.4	0.9951	0.9759	0.9902	0.9929	0.9285	0.9802	0.9242	0.9322
41.5	0.9948	0.9720	0.9935	0.9935	0.9407	0.9892	0.9517	0.9330
41.6	0.9942	0.9744	0.9981	0.9932	0.9429	0.9925	0.9603	0.9692
41.7	0.9953	0.9548	0.9961	0.9955	0.9412	0.9925	0.9588	0.9521
41.8	0.9937	0.9304	0.9952	0.9951	0.9198	0.9870	0.9548	0.9583
41.9	0.9897	0.8607	0.9970	0.9923	0.8918	0.9749	0.9386	0.9841
42.0	0.9959	0.9535	0.9963	0.9961	0.8851	0.9878	0.9545	0.9803
42.1	0.9969	0.9836	0.9955	0.9963	0.8750	0.9906	0.9422	0.9635
42.2	0.9977	0.9830	0.9933	0.9959	0.8803	0.9938	0.9332	0.9570
42.3	0.9979	0.9837	0.9923	0.9948	0.8834	0.9955	0.9163	0.9662

42.4	0.9975	0.9881	0.9964	0.9959	0.9156	0.9976	0.9287	0.9803
42.5	0.9980	0.9899	0.9964	0.9972	0.9298	0.9968	0.9221	0.9793
42.6	0.9976	0.9757	0.9917	0.9958	0.9256	0.9952	0.9209	0.9800
42.7	0.9954	0.9506	0.9913	0.9961	0.9216	0.9971	0.9261	0.9575
42.8	0.9920	0.8601	0.9854	0.9944	0.9249	0.9981	0.8376	0.9292
42.9	0.9882	0.8404	0.9803	0.9895	0.8779	0.9976	0.6918	0.8562
43.0	0.9948	0.9407	0.9948	0.9923	0.8647	0.9933	0.8467	0.9344
43.1	0.9954	0.9583	0.9926	0.9931	0.9067	0.9940	0.8875	0.9560
43.2	0.9970	0.8199	0.9646	0.9955	0.8855	0.9590	0.8384	0.7683
43.3	0.9961	0.8185	0.9721	0.9945	0.8251	0.8976	0.7326	0.3374
43.4	0.9945	0.9618	0.9906	0.9936	0.7562	0.9123	0.6432	0.8069
43.5	0.9906	0.9716	0.9961	0.9911	0.8286	0.9652	0.7984	0.9426
43.6	0.9880	0.9746	0.9962	0.9882	0.8532	0.9703	0.8877	0.9467
43.7	0.9957	0.9880	0.9959	0.9944	0.9057	0.9890	0.9412	0.9455
43.8	0.9979	0.9880	0.9972	0.9971	0.8995	0.9943	0.9555	0.9568
43.9	0.9978	0.9826	0.9878	0.9963	0.8598	0.9751	0.9529	0.9361
44.0	0.9971	0.9655	0.9894	0.9968	0.8165	0.9829	0.9607	0.9440
44.1	0.9972	0.9338	0.9960	0.9962	0.6915	0.9770	0.9523	0.9013
44.2	0.9950	0.9435	0.9948	0.9929	0.8084	0.9778	0.9518	0.9397
44.3	0.9966	0.9882	0.9912	0.9963	0.9119	0.9902	0.9763	0.9689
44.4	0.9976	0.9921	0.9858	0.9980	0.9144	0.9824	0.9814	0.9386
44.5	0.9985	0.9818	0.9890	0.9978	0.8898	0.9842	0.9776	0.9220
44.6	0.9962	0.9645	0.9969	0.9952	0.8865	0.9862	0.9751	0.9699
44.7	0.9973	0.9583	0.9968	0.9966	0.8784	0.9888	0.9733	0.9766
44.8	0.9970	0.9082	0.9876	0.9958	0.8695	0.9463	0.9661	0.9667
44.9	0.9963	0.9249	0.9699	0.9940	0.8803	0.9538	0.9608	0.9569
45.0	0.9960	0.9667	0.9768	0.9931	0.8877	0.9902	0.9576	0.9759
45.1	0.9975	0.9559	0.9947	0.9966	0.9016	0.9973	0.9680	0.9829
45.2	0.9968	0.9602	0.9953	0.9965	0.9152	0.9941	0.9745	0.9882
45.3	0.9965	0.9486	0.9908	0.9965	0.8625	0.9927	0.9772	0.9863
45.4	0.9953	0.9609	0.9922	0.9955	0.7577	0.9944	0.9692	0.9858
45.5	0.9932	0.9598	0.9952	0.9937	0.7321	0.9776	0.9590	0.9834
45.6	0.9901	0.9807	0.9959	0.9911	0.7358	0.9700	0.9517	0.9802
45.7	0.9905	0.9853	0.9900	0.9909	0.7781	0.9876	0.9560	0.9743
45.8	0.9944	0.9781	0.9883	0.9932	0.8510	0.9958	0.9577	0.9810
45.9	0.9960	0.9736	0.9937	0.9951	0.8580	0.9950	0.9755	0.9871
46.0	0.9956	0.9647	0.9913	0.9948	0.8619	0.9958	0.9759	0.9856
46.1	0.9961	0.9726	0.9921	0.9959	0.8734	0.9950	0.9641	0.9860
46.2	0.9973	0.9829	0.9942	0.9964	0.8961	0.9947	0.9739	0.9881
46.3	0.9969	0.9788	0.9863	0.9948	0.8537	0.9957	0.9755	0.9889
46.4	0.9982	0.9819	0.9897	0.9970	0.8550	0.9982	0.9741	0.9922
46.5	0.9986	0.9611	0.9869	0.9956	0.8535	0.9977	0.9668	0.9912
46.6	0.9974	0.9623	0.9878	0.9931	0.8627	0.9972	0.9633	0.9907
46.7	0.9927	0.9772	0.9698	0.9902	0.8119	0.9948	0.9541	0.9854
46.8	0.9937	0.9834	0.9746	0.9923	0.8240	0.9973	0.9770	0.9863
46.9	0.9956	0.9850	0.9854	0.9951	0.7917	0.9971	0.9753	0.9866
47.0	0.9979	0.9827	0.9914	0.9973	0.7991	0.9969	0.9655	0.9894
47.1	0.9961	0.9780	0.9848	0.9955	0.7879	0.9965	0.9488	0.9879
47.2	0.9938	0.9788	0.9813	0.9932	0.8098	0.9973	0.9616	0.9897
47.3	0.9940	0.9716	0.9821	0.9937	0.7849	0.9969	0.9643	0.9866
47.4	0.9974	0.9815	0.9909	0.9974	0.7716	0.9978	0.9645	0.9893
47.5	0.9972	0.9732	0.9898	0.9977	0.7484	0.9976	0.9507	0.9885
47.6	0.9977	0.9609	0.9938	0.9979	0.7690	0.9974	0.9310	0.9896
47.7	0.9959	0.9566	0.9814	0.9957	0.7153	0.9950	0.9042	0.9880
47.8	0.9964	0.9688	0.9842	0.9961	0.7787	0.9953	0.9420	0.9899
47.9	0.9978	0.9778	0.9882	0.9980	0.7445	0.9940	0.9496	0.9857
48.0	0.9981	0.9682	0.9924	0.9977	0.7139	0.9889	0.9228	0.9774
48.1	0.9983	0.9676	0.9953	0.9984	0.7063	0.9923	0.9061	0.9811
48.2	0.9987	0.9698	0.9962	0.9986	0.7720	0.9969	0.9532	0.9910
48.3	0.9976	0.9560	0.9881	0.9978	0.7490	0.9954	0.9266	0.9833
48.4	0.9985	0.9515	0.9911	0.9986	0.7506	0.9949	0.9241	0.9835
48.5	0.9984	0.9725	0.9942	0.9987	0.7484	0.9971	0.9195	0.9877
48.6	0.9984	0.9630	0.9898	0.9988	0.6775	0.9937	0.8805	0.9795
48.7	0.9982	0.9330	0.9922	0.9979	0.5504	0.9888	0.8162	0.9641
48.8	0.9980	0.9193	0.9915	0.9985	0.5907	0.9864	0.8772	0.9604
48.9	0.9982	0.9406	0.9912	0.9991	0.5718	0.9932	0.9198	0.9792
49.0	0.9981	0.9627	0.9925	0.9985	0.4971	0.9972	0.9075	0.9864
49.1	0.9976	0.9531	0.9890	0.9984	0.5327	0.9968	0.8730	0.9830
49.2	0.9987	0.9497	0.9914	0.9985	0.6006	0.9968	0.9163	0.9829
49.3	0.9985	0.9335	0.9955	0.9984	0.6241	0.9967	0.9558	0.9858
49.4	0.9988	0.9029	0.9950	0.9989	0.5457	0.9972	0.9506	0.9857
49.5	0.9981	0.9043	0.9913	0.9984	0.3811	0.9952	0.9583	0.9745
49.6	0.9968	0.8926	0.9866	0.9975	0.4180	0.9900	0.9365	0.9653
49.7	0.9967	0.9038	0.9930	0.9976	0.4321	0.9941	0.9376	0.9723
49.8	0.9971	0.8958	0.9903	0.9985	0.4416	0.9948	0.9478	0.9626
49.9	0.9982	0.9160	0.9937	0.9990	0.4083	0.9945	0.9652	0.9634
50.0	0.9980	0.9332	0.9955	0.9991	0.2823	0.9966	0.9673	0.9672
50.1	0.9971	0.8309	0.9954	0.9985	0.2746	0.9952	0.9540	0.9585
50.2	0.9981	0.7858	0.9964	0.9988	0.3765	0.9959	0.9613	0.9611
50.3	0.9985	0.7455	0.9968	0.9987	0.2484	0.9932	0.9565	0.9479
50.4	0.9984	0.7713	0.9925	0.9986	0.2949	0.9937	0.9596	0.9653
50.5	0.9969	0.7031	0.9858	0.9970	0.2887	0.9933	0.9351	0.9551
50.6	0.9972	0.7597	0.9905	0.9973	0.3075	0.9927	0.9498	0.9622
50.7	0.9985	0.8553	0.9973	0.9988	0.4261	0.9932	0.9564	0.9462
50.8	0.9982	0.7490	0.9948	0.9986	0.2689	0.9892	0.9524	0.9050
50.9	0.9977	0.7104	0.9936	0.9988	0.4104	0.9898	0.9464	0.8959

51.0	0.9978	0.7349	0.9944	0.9985	0.4848	0.9921	0.9441	0.8850
51.1	0.9984	0.7016	0.9967	0.9989	0.4351	0.9963	0.9479	0.9206
51.2	0.9978	0.5069	0.9929	0.9983	0.4289	0.9915	0.9325	0.8456
51.3	0.9975	0.3211	0.9918	0.9984	0.4111	0.9896	0.9074	0.8629
51.4	0.9978	0.1879	0.9950	0.9987	0.4729	0.9940	0.9359	0.9121
51.5	0.9981	0.4423	0.9967	0.9983	0.4678	0.9964	0.9503	0.9254
51.6	0.9977	0.6792	0.9959	0.9982	0.5727	0.9946	0.9494	0.9306
51.7	0.9981	0.7369	0.9958	0.9984	0.6225	0.9932	0.9387	0.9273
51.8	0.9985	0.8042	0.9925	0.9990	0.4796	0.9922	0.9406	0.9223
51.9	0.9981	0.8123	0.9946	0.9984	0.4339	0.9917	0.9512	0.9434
52.0	0.9978	0.7892	0.9962	0.9984	0.4028	0.9890	0.9556	0.9764
52.1	0.9983	0.6170	0.9939	0.9988	0.5686	0.9884	0.9441	0.9723
52.2	0.9976	0.2376	0.9880	0.9986	0.5531	0.9899	0.9514	0.9680
52.3	0.9975	0.7576	0.9877	0.9982	0.5882	0.9870	0.9573	0.9517
52.4	0.9983	0.7705	0.9931	0.9984	0.5697	0.9906	0.9573	0.9540
52.5	0.9984	0.6374	0.9946	0.9983	0.5313	0.9914	0.9498	0.9641
52.6	0.9979	0.3600	0.9948	0.9981	0.5653	0.9882	0.9391	0.9629
52.7	0.9977	0.6786	0.9957	0.9975	0.6994	0.9872	0.9442	0.9654
52.8	0.9977	0.8486	0.9948	0.9973	0.6826	0.9839	0.9435	0.9630
52.9	0.9976	0.8478	0.9950	0.9979	0.6770	0.9857	0.9602	0.9574
53.0	0.9974	0.6647	0.9878	0.9972	0.7175	0.9757	0.9545	0.9430
53.1	0.9972	0.5648	0.9893	0.9964	0.7176	0.9579	0.9663	0.9297
53.2	0.9972	0.7114	0.9883	0.9964	0.7770	0.9481	0.9629	0.9279
53.3	0.9956	0.7546	0.9724	0.9948	0.8130	0.9163	0.9593	0.9084
53.4	0.9965	0.7870	0.9742	0.9950	0.8401	0.9424	0.9736	0.8883
53.5	0.9969	0.7359	0.9647	0.9954	0.6620	0.9501	0.9680	0.8951
53.6	0.9964	0.6168	0.9538	0.9969	0.6588	0.9544	0.9716	0.8819
53.7	0.9961	0.8251	0.9698	0.9969	0.7272	0.9655	0.9751	0.8626
53.8	0.9963	0.8523	0.9699	0.9951	0.7199	0.9613	0.9699	0.8288
53.9	0.9962	0.8913	0.9671	0.9954	0.7211	0.9685	0.9769	0.8682
54.0	0.9962	0.8646	0.9547	0.9959	0.7583	0.9821	0.9806	0.8289
54.1	0.9966	0.8279	0.9444	0.9955	0.7832	0.9776	0.9826	0.8229
54.2	0.9973	0.9015	0.9549	0.9958	0.8560	0.9797	0.9801	0.8290
54.3	0.9972	0.9398	0.9056	0.9947	0.8651	0.9695	0.9697	0.6252
54.4	0.9977	0.9612	0.9058	0.9937	0.8630	0.9797	0.9805	0.4115
54.5	0.9978	0.9673	0.9490	0.9945	0.8603	0.9834	0.9815	0.3291
54.6	0.9980	0.9780	0.9730	0.9954	0.8754	0.9872	0.9856	0.1179
54.7	0.9980	0.9697	0.9808	0.9950	0.8312	0.9872	0.9842	0.1233
54.8	0.9983	0.9748	0.9866	0.9973	0.8397	0.9927	0.9867	0.2140
54.9	0.9985	0.9844	0.9864	0.9968	0.8423	0.9949	0.9875	0.2292
55.0	0.9974	0.9740	0.9821	0.9938	0.7743	0.9938	0.9800	0.2722
55.1	0.9968	0.9709	0.9813	0.9927	0.7772	0.9917	0.9696	0.3220
55.2	0.9978	0.9788	0.9869	0.9947	0.7955	0.9943	0.9820	0.4099
55.3	0.9978	0.9841	0.9874	0.9957	0.8406	0.9951	0.9841	0.5469
55.4	0.9979	0.9772	0.9865	0.9957	0.7802	0.9930	0.9780	0.4943
55.5	0.9988	0.9719	0.9911	0.9971	0.8231	0.9951	0.9809	0.4500
55.6	0.9983	0.9710	0.9925	0.9955	0.8522	0.9968	0.9815	0.6641
55.7	0.9978	0.9782	0.9894	0.9937	0.8387	0.9976	0.9817	0.7463
55.8	0.9977	0.9802	0.9872	0.9940	0.8096	0.9959	0.9737	0.7561
55.9	0.9986	0.9826	0.9896	0.9957	0.8165	0.9972	0.9720	0.7461
56.0	0.9986	0.9907	0.9921	0.9965	0.8858	0.9982	0.9796	0.7947
56.1	0.9978	0.9827	0.9874	0.9942	0.8827	0.9971	0.9664	0.7566
56.2	0.9978	0.9806	0.9887	0.9947	0.8349	0.9972	0.9695	0.7813
56.3	0.9979	0.9864	0.9936	0.9970	0.8309	0.9972	0.9689	0.7988
56.4	0.9976	0.9900	0.9948	0.9976	0.8754	0.9978	0.9769	0.8597
56.5	0.9977	0.9899	0.9940	0.9979	0.8882	0.9978	0.9705	0.8569
56.6	0.9974	0.9890	0.9897	0.9967	0.8760	0.9969	0.9553	0.8097
56.7	0.9976	0.9879	0.9881	0.9971	0.8599	0.9974	0.9515	0.8400
56.8	0.9983	0.9891	0.9902	0.9973	0.8364	0.9975	0.9578	0.9126
56.9	0.9976	0.9871	0.9894	0.9968	0.8350	0.9976	0.9279	0.8266
57.0	0.9961	0.9830	0.9877	0.9961	0.7814	0.9970	0.8851	0.7173
57.1	0.9967	0.9844	0.9909	0.9962	0.8296	0.9973	0.9045	0.7484
57.2	0.9970	0.9829	0.9904	0.9953	0.8387	0.9970	0.9145	0.7600
57.3	0.9979	0.9875	0.9950	0.9960	0.8198	0.9978	0.9253	0.8497
57.4	0.9977	0.9848	0.9951	0.9960	0.8408	0.9977	0.9029	0.8223
57.5	0.9976	0.9861	0.9949	0.9955	0.8396	0.9971	0.9097	0.8547
57.6	0.9971	0.9819	0.9939	0.9946	0.8016	0.9966	0.9037	0.7785
57.7	0.9971	0.9842	0.9938	0.9949	0.7314	0.9975	0.8721	0.7378
57.8	0.9968	0.9839	0.9940	0.9943	0.7575	0.9978	0.8575	0.7957
57.9	0.9967	0.9798	0.9919	0.9935	0.7611	0.9965	0.8219	0.7561
58.0	0.9969	0.9773	0.9926	0.9922	0.7577	0.9973	0.8324	0.7493
58.1	0.9977	0.9838	0.9957	0.9963	0.8213	0.9975	0.8912	0.8313
58.2	0.9974	0.9726	0.9949	0.9958	0.7640	0.9968	0.8779	0.7557
58.3	0.9979	0.9672	0.9950	0.9963	0.8085	0.9962	0.8643	0.7980
58.4	0.9979	0.9820	0.9959	0.9972	0.8325	0.9979	0.7702	0.8014
58.5	0.9960	0.9775	0.9931	0.9952	0.7963	0.9962	0.6878	0.6439
58.6	0.9963	0.9789	0.9930	0.9933	0.7883	0.9953	0.7121	0.5802
58.7	0.9970	0.9801	0.9952	0.9948	0.7073	0.9960	0.8233	0.5057
58.8	0.9972	0.9819	0.9962	0.9959	0.7072	0.9967	0.8594	0.2921
58.9	0.9967	0.9734	0.9952	0.9950	0.6286	0.9951	0.7974	0.0725
59.0	0.9964	0.9082	0.9899	0.9934	0.5947	0.9851	0.7049	0.1019
59.1	0.9963	0.9243	0.9908	0.9929	0.6309	0.9879	0.7823	0.1416
59.2	0.9968	0.9791	0.9954	0.9941	0.5421	0.9968	0.8827	0.3759
59.3	0.9965	0.9737	0.9964	0.9953	0.4534	0.9965	0.8847	0.4919
59.4	0.9969	0.9702	0.9948	0.9939	0.4786	0.9961	0.8638	0.5069
59.5	0.9969	0.9726	0.9949	0.9935	0.4638	0.9968	0.8671	0.5671

59.6	0.9973	0.9718	0.9941	0.9934	0.5603	0.9970	0.8689	0.5947
59.7	0.9975	0.9787	0.9956	0.9956	0.6551	0.9968	0.9084	0.6864
59.8	0.9957	0.9657	0.9928	0.9948	0.5703	0.9943	0.8635	0.5765
59.9	0.9930	0.9470	0.9721	0.9829	0.3601	0.9918	0.8505	0.5521
60.0	0.9880	0.9246	0.9184	0.9522	0.4621	0.9937	0.8493	0.7970
60.1	0.9946	0.9632	0.9754	0.9859	0.6332	0.9958	0.8802	0.7366
60.2	0.9969	0.9784	0.9964	0.9963	0.6941	0.9968	0.9040	0.7276
60.3	0.9965	0.9705	0.9962	0.9956	0.6781	0.9969	0.8946	0.6625
60.4	0.9954	0.9687	0.9954	0.9939	0.6694	0.9963	0.9038	0.7077
60.5	0.9964	0.9674	0.9962	0.9941	0.7057	0.9966	0.9128	0.7797
60.6	0.9968	0.9784	0.9952	0.9940	0.6646	0.9953	0.9046	0.7663
60.7	0.9972	0.9800	0.9931	0.9937	0.6071	0.9932	0.8863	0.7441
60.8	0.9971	0.9733	0.9949	0.9954	0.5246	0.9941	0.8909	0.7377
60.9	0.9976	0.9817	0.9964	0.9960	0.6095	0.9964	0.9231	0.7993
61.0	0.9982	0.9838	0.9972	0.9962	0.5249	0.9966	0.9393	0.8486
61.1	0.9979	0.9624	0.9960	0.9942	0.3613	0.9946	0.9155	0.7916
61.2	0.9977	0.9613	0.9961	0.9947	0.3838	0.9959	0.9092	0.7800
61.3	0.9966	0.9590	0.9960	0.9939	0.3156	0.9962	0.9085	0.7902
61.4	0.9972	0.9673	0.9969	0.9955	0.3779	0.9969	0.9341	0.8484
61.5	0.9981	0.9828	0.9973	0.9974	0.3984	0.9977	0.9432	0.8614
61.6	0.9982	0.9802	0.9973	0.9975	0.2735	0.9974	0.9264	0.8250
61.7	0.9978	0.9769	0.9978	0.9973	0.2030	0.9975	0.9192	0.8074
61.8	0.9977	0.9783	0.9976	0.9980	0.3140	0.9977	0.9422	0.8482
61.9	0.9974	0.9666	0.9976	0.9976	0.1482	0.9975	0.9039	0.7838
62.0	0.9972	0.9675	0.9972	0.9975	0.0818	0.9976	0.8768	0.7418
62.1	0.9964	0.9617	0.9966	0.9969	0.0422	0.9980	0.8768	0.7622
62.2	0.9973	0.9699	0.9974	0.9974	0.0206	0.9977	0.8953	0.7848
62.3	0.9978	0.9730	0.9980	0.9982	0.0486	0.9984	0.9321	0.8551
62.4	0.9975	0.9729	0.9977	0.9976	0.0851	0.9980	0.9232	0.8305
62.5	0.9977	0.9780	0.9975	0.9977	0.0474	0.9975	0.9240	0.7930
62.6	0.9970	0.9739	0.9966	0.9975	0.0050	0.9974	0.9229	0.7835
62.7	0.9968	0.9802	0.9970	0.9971	0.0444	0.9973	0.9290	0.7864
62.8	0.9969	0.9739	0.9981	0.9981	0.0860	0.9978	0.9332	0.8122
62.9	0.9969	0.9669	0.9974	0.9979	0.0432	0.9975	0.9380	0.7733
63.0	0.9963	0.9749	0.9971	0.9981	0.0755	0.9975	0.9449	0.7948
63.1	0.9968	0.9805	0.9981	0.9982	0.1886	0.9983	0.9594	0.8168
63.2	0.9952	0.9676	0.9977	0.9975	0.2561	0.9980	0.9594	0.7965
63.3	0.9944	0.9680	0.9973	0.9970	0.1596	0.9978	0.9486	0.7027
63.4	0.9954	0.9762	0.9974	0.9975	0.2097	0.9982	0.9594	0.7678
63.5	0.9961	0.9754	0.9976	0.9977	0.2796	0.9986	0.9658	0.8171
63.6	0.9965	0.9820	0.9980	0.9981	0.2032	0.9988	0.9677	0.8562
63.7	0.9958	0.9784	0.9977	0.9982	0.1508	0.9978	0.9653	0.8702
63.8	0.9963	0.9716	0.9979	0.9978	0.2725	0.9983	0.9654	0.8462
63.9	0.9966	0.9798	0.9984	0.9980	0.3388	0.9983	0.9687	0.8241
64.0	0.9968	0.9830	0.9982	0.9980	0.3533	0.9983	0.9664	0.8363
64.1	0.9960	0.9818	0.9975	0.9981	0.1447	0.9984	0.9714	0.8707
64.2	0.9958	0.9785	0.9961	0.9965	0.1213	0.9975	0.9680	0.8844
64.3	0.9962	0.9802	0.9972	0.9974	0.2522	0.9980	0.9687	0.8606
64.4	0.9958	0.9721	0.9974	0.9973	0.3999	0.9982	0.9748	0.9004
64.5	0.9963	0.9745	0.9980	0.9974	0.3420	0.9987	0.9731	0.9047
64.6	0.9956	0.9775	0.9974	0.9969	0.3453	0.9982	0.9658	0.8808
64.7	0.9969	0.9780	0.9981	0.9980	0.4719	0.9987	0.9638	0.8886
64.8	0.9971	0.9764	0.9980	0.9975	0.2864	0.9981	0.9618	0.8672
64.9	0.9966	0.9737	0.9977	0.9977	0.1892	0.9979	0.9641	0.9153
65.0	0.9971	0.9754	0.9976	0.9979	0.2522	0.9980	0.9687	0.9142
65.1	0.9967	0.9717	0.9979	0.9974	0.3832	0.9984	0.9755	0.9049
65.2	0.9974	0.9733	0.9983	0.9980	0.4867	0.9987	0.9768	0.8930
65.3	0.9977	0.9721	0.9979	0.9985	0.5187	0.9985	0.9764	0.9086
65.4	0.9968	0.9693	0.9976	0.9980	0.4730	0.9981	0.9719	0.8990
65.5	0.9963	0.9673	0.9979	0.9975	0.4221	0.9980	0.9691	0.8940
65.6	0.9967	0.9661	0.9975	0.9972	0.4136	0.9969	0.9666	0.8710
65.7	0.9972	0.9747	0.9975	0.9973	0.4743	0.9975	0.9697	0.8964
65.8	0.9972	0.9759	0.9973	0.9975	0.4682	0.9976	0.9669	0.8929
65.9	0.9969	0.9802	0.9978	0.9979	0.4804	0.9981	0.9796	0.9254
66.0	0.9961	0.9756	0.9978	0.9975	0.4507	0.9979	0.9708	0.8617
66.1	0.9955	0.9724	0.9978	0.9977	0.5847	0.9979	0.9648	0.8445
66.2	0.9957	0.9760	0.9982	0.9980	0.5980	0.9983	0.9628	0.8779
66.3	0.9972	0.9827	0.9985	0.9981	0.6502	0.9980	0.9725	0.9000
66.4	0.9964	0.9801	0.9979	0.9966	0.6326	0.9975	0.9602	0.8806
66.5	0.9962	0.9797	0.9978	0.9968	0.7022	0.9980	0.9706	0.9056
66.6	0.9973	0.9795	0.9978	0.9977	0.7202	0.9982	0.9734	0.8926
66.7	0.9972	0.9810	0.9978	0.9978	0.6689	0.9979	0.9658	0.8918
66.8	0.9962	0.9749	0.9978	0.9976	0.5778	0.9980	0.9644	0.8720
66.9	0.9961	0.9767	0.9983	0.9978	0.6516	0.9981	0.9731	0.8735
67.0	0.9955	0.9797	0.9983	0.9975	0.7095	0.9982	0.9749	0.8983
67.1	0.9946	0.9686	0.9979	0.9974	0.6779	0.9972	0.9739	0.9211
67.2	0.9966	0.9757	0.9982	0.9975	0.6795	0.9980	0.9755	0.9222
67.3	0.9964	0.9760	0.9982	0.9977	0.7433	0.9984	0.9728	0.8890
67.4	0.9968	0.9791	0.9984	0.9979	0.7813	0.9986	0.9815	0.9153
67.5	0.9973	0.9852	0.9980	0.9974	0.8055	0.9979	0.9789	0.9198
67.6	0.9964	0.9794	0.9984	0.9977	0.8319	0.9978	0.9741	0.9151
67.7	0.9963	0.9764	0.9976	0.9969	0.8476	0.9976	0.9774	0.9093
67.8	0.9954	0.9718	0.9962	0.9967	0.8173	0.9968	0.9778	0.9153
67.9	0.9959	0.9787	0.9975	0.9964	0.8636	0.9975	0.9786	0.9271
68.0	0.9958	0.9821	0.9983	0.9970	0.8419	0.9983	0.9814	0.9380
68.1	0.9954	0.9728	0.9973	0.9967	0.8143	0.9976	0.9770	0.9397

68.2	0.9957	0.9649	0.9964	0.9972	0.8171	0.9967	0.9709	0.9228
68.3	0.9950	0.9563	0.9965	0.9968	0.7925	0.9958	0.9743	0.9262
68.4	0.9944	0.9664	0.9961	0.9959	0.7812	0.9949	0.9688	0.9147
68.5	0.9952	0.9708	0.9965	0.9961	0.8080	0.9957	0.9679	0.9124
68.6	0.9974	0.9745	0.9972	0.9963	0.8543	0.9968	0.9756	0.9242
68.7	0.9963	0.9637	0.9960	0.9952	0.8351	0.9957	0.9636	0.8908
68.8	0.9965	0.9546	0.9954	0.9956	0.8742	0.9942	0.9590	0.8690
68.9	0.9965	0.9615	0.9969	0.9965	0.9023	0.9958	0.9634	0.8932
69.0	0.9965	0.9557	0.9970	0.9963	0.8771	0.9964	0.9625	0.8979
69.1	0.9950	0.9450	0.9960	0.9949	0.8436	0.9954	0.9559	0.8856
69.2	0.9963	0.9686	0.9961	0.9959	0.8368	0.9959	0.9575	0.9065
69.3	0.9959	0.9681	0.9966	0.9961	0.8708	0.9963	0.9584	0.9128
69.4	0.9951	0.9531	0.9958	0.9943	0.8471	0.9957	0.9582	0.8988
69.5	0.9963	0.9622	0.9962	0.9954	0.7939	0.9957	0.9499	0.8919
69.6	0.9965	0.9684	0.9958	0.9955	0.8291	0.9951	0.9578	0.9075
69.7	0.9968	0.9570	0.9947	0.9960	0.8040	0.9945	0.9597	0.9040
69.8	0.9946	0.9548	0.9959	0.9950	0.8134	0.9960	0.9732	0.9209
69.9	0.9957	0.9699	0.9957	0.9948	0.8566	0.9959	0.9705	0.9239
70.0	0.9963	0.9803	0.9956	0.9961	0.8760	0.9953	0.9698	0.9102
70.1	0.9965	0.9787	0.9954	0.9944	0.8486	0.9944	0.9666	0.8806
70.2	0.9962	0.9731	0.9940	0.9946	0.8616	0.9946	0.9635	0.8657
70.3	0.9945	0.9715	0.9936	0.9922	0.8753	0.9946	0.9437	0.8148
70.4	0.9946	0.9841	0.9938	0.9945	0.9039	0.9949	0.9245	0.7943
70.5	0.9943	0.9806	0.9933	0.9953	0.9132	0.9946	0.9248	0.7972
70.6	0.9956	0.9840	0.9936	0.9948	0.9236	0.9938	0.9287	0.7864
70.7	0.9948	0.9834	0.9887	0.9927	0.8775	0.9900	0.9259	0.7963
70.8	0.9925	0.9877	0.9882	0.9914	0.8627	0.9905	0.9237	0.8240
70.9	0.9946	0.9897	0.9930	0.9945	0.9224	0.9943	0.9363	0.8871
71.0	0.9957	0.9885	0.9933	0.9952	0.9380	0.9955	0.9280	0.9035
71.1	0.9949	0.9861	0.9912	0.9937	0.9247	0.9946	0.8756	0.8602
71.2	0.9951	0.9886	0.9896	0.9934	0.9390	0.9938	0.8338	0.8334
71.3	0.9940	0.9851	0.9910	0.9931	0.9475	0.9945	0.8370	0.8734
71.4	0.9948	0.9854	0.9898	0.9933	0.9362	0.9942	0.8052	0.8633
71.5	0.9943	0.9884	0.9900	0.9940	0.9327	0.9948	0.6773	0.8398
71.6	0.9951	0.9855	0.9904	0.9951	0.9394	0.9962	0.6669	0.8532
71.7	0.9933	0.9776	0.9878	0.9936	0.9384	0.9956	0.6753	0.8781
71.8	0.9925	0.9775	0.9847	0.9917	0.9344	0.9941	0.6742	0.8853
71.9	0.9902	0.9725	0.9792	0.9906	0.9229	0.9917	0.7106	0.8834
72.0	0.9924	0.9759	0.9782	0.9934	0.9276	0.9915	0.8123	0.9254
72.1	0.9893	0.9682	0.9772	0.9906	0.9366	0.9913	0.8647	0.9334
72.2	0.9892	0.9678	0.9736	0.9894	0.9451	0.9909	0.8350	0.9165
72.3	0.9864	0.9731	0.9651	0.9890	0.9472	0.9871	0.8262	0.9164
72.4	0.9893	0.9733	0.9690	0.9924	0.9411	0.9881	0.8862	0.9333
72.5	0.9883	0.9674	0.9755	0.9917	0.9390	0.9896	0.9306	0.9384
72.6	0.9891	0.9661	0.9751	0.9930	0.9406	0.9903	0.9230	0.9452
72.7	0.9901	0.9635	0.9712	0.9943	0.9454	0.9911	0.9414	0.9567
72.8	0.9890	0.9625	0.9772	0.9936	0.9464	0.9928	0.9457	0.9589
72.9	0.9918	0.9716	0.9795	0.9948	0.9440	0.9924	0.9521	0.9684
73.0	0.9903	0.9668	0.9767	0.9943	0.9392	0.9915	0.9570	0.9590
73.1	0.9880	0.9500	0.9717	0.9927	0.9346	0.9906	0.9606	0.9648
73.2	0.9881	0.9642	0.9766	0.9934	0.9423	0.9916	0.9768	0.9658
73.3	0.9904	0.9672	0.9813	0.9945	0.9479	0.9923	0.9838	0.9707
73.4	0.9871	0.9495	0.9809	0.9934	0.9447	0.9930	0.9761	0.9699
73.5	0.9832	0.9435	0.9812	0.9926	0.9228	0.9920	0.9677	0.9564
73.6	0.9855	0.9452	0.9804	0.9917	0.9119	0.9910	0.9679	0.9578
73.7	0.9875	0.9479	0.9726	0.9908	0.9142	0.9882	0.9615	0.9531
73.8	0.9846	0.9327	0.9767	0.9914	0.8953	0.9902	0.9714	0.9628
73.9	0.9834	0.9348	0.9773	0.9884	0.9136	0.9885	0.9713	0.9683
74.0	0.9821	0.9271	0.9778	0.9915	0.9201	0.9897	0.9674	0.9529
74.1	0.9824	0.9154	0.9732	0.9908	0.8799	0.9875	0.9656	0.9588
74.2	0.9808	0.9303	0.9727	0.9888	0.8726	0.9857	0.9705	0.9610
74.3	0.9837	0.9303	0.9761	0.9915	0.8926	0.9876	0.9760	0.9628
74.4	0.9722	0.9079	0.9723	0.9880	0.8537	0.9835	0.9721	0.9454
74.5	0.9827	0.9269	0.9785	0.9910	0.8578	0.9888	0.9786	0.9617
74.6	0.9868	0.9472	0.9796	0.9911	0.8511	0.9888	0.9759	0.9552
74.7	0.9809	0.9209	0.9710	0.9873	0.8079	0.9844	0.9668	0.9320
74.8	0.9859	0.9389	0.9809	0.9906	0.7996	0.9888	0.9794	0.9567
74.9	0.9852	0.9364	0.9803	0.9904	0.7983	0.9845	0.9800	0.9374
75.0	0.9822	0.9372	0.9769	0.9876	0.8046	0.9836	0.9796	0.9400
75.1	0.9779	0.9146	0.9738	0.9864	0.7367	0.9837	0.9759	0.9426
75.2	0.9830	0.9375	0.9805	0.9915	0.7609	0.9894	0.9827	0.9455
75.3	0.9844	0.9423	0.9779	0.9909	0.7106	0.9899	0.9825	0.9480
75.4	0.9841	0.9472	0.9818	0.9914	0.5830	0.9892	0.9824	0.9577
75.5	0.9811	0.9317	0.9712	0.9866	0.5775	0.9824	0.9763	0.9532
75.6	0.9731	0.9185	0.9665	0.9848	0.5303	0.9832	0.9774	0.9421
75.7	0.9767	0.9395	0.9762	0.9890	0.4632	0.9890	0.9862	0.9407
75.8	0.9805	0.9346	0.9767	0.9876	0.5627	0.9874	0.9786	0.9278
75.9	0.9806	0.9249	0.9730	0.9859	0.4990	0.9854	0.9773	0.9306
76.0	0.9778	0.9117	0.9639	0.9836	0.4424	0.9820	0.9753	0.9517
76.1	0.9704	0.9058	0.9685	0.9827	0.3052	0.9823	0.9736	0.9157
76.2	0.9845	0.9295	0.9702	0.9844	0.3162	0.9828	0.9764	0.9387
76.3	0.9826	0.9477	0.9744	0.9877	0.2451	0.9865	0.9847	0.9552
76.4	0.9798	0.9342	0.9768	0.9893	0.2727	0.9867	0.9840	0.9421
76.5	0.9758	0.9386	0.9778	0.9862	0.3943	0.9845	0.9782	0.9389
76.6	0.9841	0.9386	0.9726	0.9852	0.5288	0.9835	0.9811	0.9543
76.7	0.9861	0.9285	0.9729	0.9864	0.4769	0.9843	0.9806	0.9564

76.8	0.9828	0.9407	0.9730	0.9852	0.3515	0.9867	0.9811	0.9463
76.9	0.9744	0.9320	0.9639	0.9785	0.2414	0.9833	0.9796	0.9413
77.0	0.9705	0.9179	0.9639	0.9806	0.2692	0.9844	0.9800	0.9400
77.1	0.9756	0.9142	0.9702	0.9813	0.4361	0.9808	0.9778	0.9480
77.2	0.9831	0.9218	0.9754	0.9862	0.4707	0.9821	0.9804	0.9570
77.3	0.9782	0.9094	0.9660	0.9832	0.5355	0.9754	0.9773	0.9451
77.4	0.9700	0.9065	0.9606	0.9804	0.4540	0.9751	0.9748	0.9278
77.5	0.9673	0.9126	0.9633	0.9814	0.2508	0.9782	0.9737	0.9204
77.6	0.9645	0.8994	0.9555	0.9830	0.2471	0.9791	0.9776	0.9082
77.7	0.9611	0.8929	0.9473	0.9790	0.2939	0.9820	0.9738	0.8945
77.8	0.9626	0.9011	0.9414	0.9788	0.3246	0.9797	0.9691	0.8895
77.9	0.9656	0.8776	0.9388	0.9843	0.3226	0.9803	0.9735	0.8574
78.0	0.9599	0.8541	0.9396	0.9861	0.2317	0.9711	0.9734	0.8054
78.1	0.9650	0.8648	0.9474	0.9873	0.2715	0.9721	0.9798	0.8234
78.2	0.9679	0.8727	0.9502	0.9881	0.2947	0.9598	0.9662	0.7952
78.3	0.9627	0.8639	0.9391	0.9877	0.2748	0.9506	0.9621	0.7733
78.4	0.9613	0.8784	0.9462	0.9910	0.3041	0.9346	0.9688	0.7906
78.5	0.9645	0.9122	0.9588	0.9918	0.3736	0.9356	0.9680	0.8323
78.6	0.9714	0.9046	0.9569	0.9908	0.3834	0.9388	0.9517	0.8162
78.7	0.9697	0.9060	0.9585	0.9900	0.3118	0.9377	0.9624	0.7838
78.8	0.9598	0.9187	0.9633	0.9858	0.2700	0.9271	0.9613	0.8261
78.9	0.9201	0.8882	0.9561	0.9733	0.3492	0.9102	0.9485	0.7590
79.0	0.9180	0.9003	0.9555	0.9768	0.5161	0.9120	0.9564	0.7712
79.1	0.9393	0.9180	0.9554	0.9804	0.5625	0.8651	0.9334	0.8332
79.2	0.9497	0.9266	0.9492	0.9788	0.5492	0.8287	0.9243	0.8359
79.3	0.9579	0.9489	0.9561	0.9822	0.6059	0.8822	0.9474	0.8870
79.4	0.9302	0.9183	0.9376	0.9744	0.5390	0.8486	0.9325	0.8378
79.5	0.9545	0.9190	0.9426	0.9796	0.5342	0.7986	0.9216	0.8596
79.6	0.9589	0.9141	0.9450	0.9771	0.5483	0.8411	0.9259	0.8505
79.7	0.9404	0.9253	0.9566	0.9787	0.5599	0.8270	0.9405	0.8542
79.8	0.9444	0.9380	0.9565	0.9817	0.5819	0.8479	0.9291	0.8543
79.9	0.9304	0.9213	0.9464	0.9687	0.5930	0.7472	0.8741	0.8622
80.0	0.9409	0.9415	0.9651	0.9731	0.6572	0.7585	0.9184	0.8965

2.2.54 Run 5 – VTC – Accels 41–47

Vertical shaking on center. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.6610	0.4879	0.5923	0.5953	0.6715	0.0052	0.2703
0.1	0.1087	0.0321	0.0913	0.0773	0.0758	0.0142	0.0424
0.2	0.0001	0.0058	0.0277	0.0061	0.0381	0.0406	0.0184
0.3	0.0102	0.0924	0.0331	0.0148	0.0327	0.0197	0.0291
0.4	0.0121	0.0268	0.0059	0.0185	0.0051	0.0022	0.0275
0.5	0.0280	0.0053	0.0436	0.0006	0.0280	0.0182	0.1005
0.6	0.0092	0.0031	0.0324	0.0116	0.0129	0.0073	0.0541
0.7	0.0108	0.0105	0.0474	0.0047	0.0300	0.0165	0.0021
0.8	0.0125	0.0148	0.0403	0.0113	0.0021	0.0071	0.0043
0.9	0.0152	0.1391	0.0669	0.0044	0.1627	0.0117	0.1331
1.0	0.0042	0.0431	0.1375	0.0309	0.0916	0.0021	0.0635
1.1	0.0258	0.0644	0.0810	0.0991	0.0189	0.0794	0.0400
1.2	0.0358	0.1322	0.2399	0.0223	0.0137	0.0699	0.1065
1.3	0.0054	0.2361	0.3227	0.0351	0.0243	0.0379	0.1362
1.4	0.0061	0.2478	0.4384	0.0511	0.1075	0.0903	0.0684
1.5	0.0083	0.3360	0.6510	0.1244	0.2954	0.0747	0.2061
1.6	0.1655	0.5409	0.7372	0.2341	0.4585	0.0687	0.3257
1.7	0.2795	0.5756	0.6667	0.1390	0.5360	0.1487	0.2586
1.8	0.4470	0.5781	0.6732	0.3306	0.6064	0.1098	0.3879
1.9	0.5427	0.6522	0.6328	0.5295	0.5780	0.1897	0.6749
2.0	0.7996	0.7363	0.8062	0.8088	0.7118	0.3495	0.7408
2.1	0.7886	0.5564	0.8938	0.7835	0.5433	0.2622	0.5967
2.2	0.6120	0.3667	0.8865	0.5862	0.3515	0.4139	0.4292
2.3	0.5470	0.3315	0.8842	0.5460	0.2436	0.5362	0.5828
2.4	0.4367	0.6641	0.7802	0.4328	0.5531	0.4619	0.5665
2.5	0.7000	0.6998	0.8714	0.6903	0.7708	0.4455	0.3154
2.6	0.8232	0.6458	0.9280	0.8181	0.6550	0.3574	0.2580
2.7	0.8193	0.3735	0.9337	0.7864	0.4004	0.5135	0.1784
2.8	0.6929	0.3037	0.9482	0.7248	0.3780	0.5913	0.0945
2.9	0.7327	0.3732	0.9619	0.7702	0.2386	0.6336	0.0984
3.0	0.7097	0.2805	0.9653	0.7091	0.1919	0.6154	0.0305
3.1	0.4645	0.2131	0.9580	0.4407	0.1764	0.6226	0.0188
3.2	0.3585	0.0779	0.9444	0.4367	0.0297	0.4298	0.0009
3.3	0.5616	0.2188	0.9579	0.6443	0.1143	0.5847	0.1599
3.4	0.5065	0.1934	0.9514	0.6820	0.1623	0.5100	0.0729
3.5	0.3024	0.0740	0.9245	0.4898	0.0856	0.4056	0.0179
3.6	0.1215	0.0604	0.7900	0.1904	0.0154	0.2213	0.0135
3.7	0.1437	0.2292	0.9436	0.0593	0.1480	0.5535	0.2106
3.8	0.3167	0.6008	0.9921	0.3650	0.5479	0.9120	0.3558
3.9	0.6902	0.5376	0.9975	0.7390	0.6042	0.9732	0.1171
4.0	0.8240	0.7875	0.9980	0.8412	0.7981	0.9877	0.4925
4.1	0.8285	0.8742	0.9969	0.8761	0.8649	0.9884	0.7399
4.2	0.7032	0.8431	0.9967	0.7849	0.7967	0.9832	0.6114
4.3	0.6091	0.7921	0.9960	0.6850	0.7563	0.9757	0.5365
4.4	0.6459	0.8502	0.9975	0.6453	0.7994	0.9810	0.7046
4.5	0.4900	0.7950	0.9954	0.5901	0.7156	0.9819	0.6644
4.6	0.3558	0.7368	0.9968	0.4392	0.6739	0.9812	0.6385
4.7	0.2438	0.7894	0.9941	0.3008	0.7015	0.9742	0.7139
4.8	0.0658	0.6310	0.9938	0.1928	0.5386	0.9568	0.5958
4.9	0.3760	0.4088	0.9932	0.4058	0.4500	0.9606	0.4476
5.0	0.3815	0.2642	0.9915	0.5296	0.3353	0.9767	0.3350
5.1	0.5028	0.3085	0.9951	0.6353	0.5935	0.9872	0.5105
5.2	0.6604	0.0461	0.9937	0.6750	0.5379	0.9837	0.5999
5.3	0.6903	0.1265	0.9953	0.7113	0.2645	0.9779	0.2433
5.4	0.3041	0.0975	0.9818	0.3654	0.0977	0.9502	0.1062
5.5	0.2457	0.3028	0.9775	0.1806	0.2509	0.9684	0.2400
5.6	0.2786	0.4139	0.9891	0.3711	0.3369	0.9781	0.3395
5.7	0.4818	0.5988	0.9905	0.4173	0.5223	0.9877	0.4926
5.8	0.6979	0.6036	0.9944	0.6539	0.4773	0.9923	0.5580
5.9	0.8058	0.5318	0.9972	0.7722	0.4055	0.9962	0.6248
6.0	0.8424	0.4750	0.9952	0.8677	0.5161	0.9951	0.6432
6.1	0.8624	0.6691	0.9922	0.8671	0.7533	0.9926	0.7018
6.2	0.9259	0.8754	0.9961	0.9365	0.8840	0.9954	0.8205
6.3	0.9514	0.9268	0.9928	0.9632	0.9300	0.9925	0.8683
6.4	0.9426	0.9515	0.9941	0.9622	0.9618	0.9938	0.9041
6.5	0.9060	0.9039	0.9897	0.9447	0.9522	0.9891	0.8641
6.6	0.9079	0.9249	0.9890	0.9428	0.9496	0.9883	0.9043
6.7	0.9156	0.9440	0.9841	0.9420	0.9610	0.9818	0.9136
6.8	0.9132	0.9148	0.9783	0.9461	0.9585	0.9791	0.9260
6.9	0.8533	0.8236	0.9462	0.9047	0.9166	0.9454	0.8990
7.0	0.8961	0.8713	0.9451	0.9155	0.9164	0.9449	0.8953
7.1	0.8479	0.8203	0.9114	0.8745	0.8522	0.9108	0.8604
7.2	0.8298	0.6191	0.9010	0.8366	0.6938	0.9001	0.7866
7.3	0.8961	0.6366	0.9486	0.9209	0.7065	0.9484	0.8507
7.4	0.9279	0.5528	0.9381	0.9361	0.6788	0.9396	0.8708
7.5	0.9346	0.3882	0.9528	0.9314	0.5853	0.9530	0.9195
7.6	0.9275	0.1151	0.9804	0.9309	0.6363	0.9788	0.9731
7.7	0.9064	0.1600	0.9850	0.8952	0.6251	0.9851	0.9746
7.8	0.9125	0.2439	0.9954	0.9043	0.4108	0.9951	0.9737
7.9	0.9425	0.6411	0.9972	0.9373	0.1551	0.9971	0.9827

8.0	0.9348	0.3419	0.9944	0.9374	0.0435	0.9940	0.9789
8.1	0.9230	0.0526	0.9977	0.9252	0.1233	0.9975	0.9765
8.2	0.8974	0.6112	0.9967	0.8990	0.0937	0.9965	0.9752
8.3	0.9228	0.8146	0.9979	0.9340	0.3713	0.9977	0.9818
8.4	0.9201	0.7945	0.9987	0.9314	0.4438	0.9975	0.9791
8.5	0.9174	0.8055	0.9988	0.9405	0.4659	0.9987	0.9768
8.6	0.9155	0.7985	0.9992	0.9410	0.3499	0.9988	0.9781
8.7	0.9217	0.7588	0.9984	0.9529	0.3380	0.9980	0.9692
8.8	0.9163	0.7420	0.9977	0.9473	0.2288	0.9975	0.9773
8.9	0.9321	0.7055	0.9972	0.9540	0.0632	0.9971	0.9780
9.0	0.9097	0.6953	0.9893	0.9286	0.0831	0.9898	0.9824
9.1	0.9229	0.5810	0.9907	0.9508	0.0258	0.9905	0.9732
9.2	0.9102	0.4009	0.9842	0.9418	0.2337	0.9847	0.9640
9.3	0.9088	0.3544	0.9701	0.9329	0.6112	0.9714	0.9582
9.4	0.8912	0.1237	0.9456	0.9084	0.7148	0.9453	0.9464
9.5	0.8903	0.1897	0.9507	0.9144	0.8047	0.9503	0.9585
9.6	0.8853	0.4043	0.9470	0.9136	0.7944	0.9462	0.9612
9.7	0.8105	0.4190	0.9158	0.8794	0.7161	0.9100	0.9311
9.8	0.8510	0.4160	0.9491	0.9054	0.7042	0.9444	0.9454
9.9	0.8324	0.2599	0.9552	0.8751	0.4856	0.9518	0.8939
10.0	0.6477	0.1529	0.9407	0.7997	0.2287	0.9485	0.7005
10.1	0.6318	0.3018	0.9399	0.7842	0.4068	0.9472	0.7171
10.2	0.5926	0.4692	0.9772	0.7557	0.6616	0.9792	0.5826
10.3	0.6568	0.6585	0.9879	0.7941	0.7045	0.9859	0.3974
10.4	0.7638	0.8222	0.9924	0.8478	0.8451	0.9901	0.6781
10.5	0.7918	0.8308	0.9932	0.8642	0.8506	0.9931	0.8101
10.6	0.6951	0.7906	0.9930	0.7650	0.8033	0.9936	0.8758
10.7	0.7737	0.8089	0.9971	0.7772	0.8099	0.9956	0.8833
10.8	0.7391	0.8159	0.9980	0.8507	0.7827	0.9964	0.8760
10.9	0.6545	0.8090	0.9983	0.8046	0.7808	0.9969	0.8569
11.0	0.6144	0.8513	0.9983	0.6864	0.8414	0.9967	0.8222
11.1	0.7120	0.8410	0.9980	0.6795	0.8290	0.9961	0.8594
11.2	0.7511	0.8577	0.9989	0.6378	0.8318	0.9966	0.8869
11.3	0.6308	0.8600	0.9989	0.5862	0.8521	0.9967	0.8959
11.4	0.5769	0.8625	0.9986	0.5563	0.8410	0.9965	0.8850
11.5	0.6457	0.8681	0.9990	0.4706	0.8356	0.9969	0.8836
11.6	0.4570	0.8652	0.9988	0.2980	0.8334	0.9953	0.8453
11.7	0.4159	0.8517	0.9986	0.4105	0.8182	0.9951	0.8566
11.8	0.5182	0.8489	0.9987	0.3568	0.8699	0.9953	0.8791
11.9	0.5400	0.9056	0.9985	0.3044	0.8971	0.9966	0.9293
12.0	0.4343	0.9085	0.9981	0.1490	0.9137	0.9964	0.9426
12.1	0.4211	0.8830	0.9980	0.2207	0.8709	0.9958	0.9460
12.2	0.3151	0.8902	0.9978	0.2319	0.8383	0.9954	0.9380
12.3	0.2805	0.9117	0.9971	0.1860	0.8625	0.9951	0.9372
12.4	0.3293	0.9144	0.9969	0.2278	0.8973	0.9949	0.9580
12.5	0.3273	0.9482	0.9977	0.3755	0.9244	0.9963	0.9708
12.6	0.2728	0.9333	0.9979	0.5023	0.9285	0.9960	0.9687
12.7	0.3852	0.9513	0.9976	0.4664	0.9423	0.9950	0.9731
12.8	0.2878	0.9614	0.9980	0.4951	0.9532	0.9960	0.9809
12.9	0.1112	0.9623	0.9982	0.6966	0.9561	0.9960	0.9814
13.0	0.0263	0.9624	0.9980	0.6469	0.9658	0.9965	0.9803
13.1	0.0002	0.9706	0.9982	0.6484	0.9667	0.9972	0.9828
13.2	0.0337	0.9623	0.9977	0.6826	0.9556	0.9969	0.9802
13.3	0.0264	0.9483	0.9953	0.6685	0.9343	0.9948	0.9752
13.4	0.0925	0.9538	0.9962	0.6952	0.9452	0.9946	0.9816
13.5	0.0046	0.9444	0.9961	0.7214	0.9419	0.9947	0.9874
13.6	0.1251	0.9629	0.9964	0.8486	0.9606	0.9964	0.9902
13.7	0.1760	0.9656	0.9956	0.8458	0.9607	0.9959	0.9911
13.8	0.3926	0.9495	0.9959	0.8568	0.9482	0.9970	0.9855
13.9	0.5392	0.9584	0.9951	0.8446	0.9466	0.9948	0.9829
14.0	0.6697	0.9614	0.9956	0.8918	0.9591	0.9957	0.9863
14.1	0.6788	0.9687	0.9948	0.9085	0.9653	0.9965	0.9863
14.2	0.6526	0.9688	0.9942	0.8918	0.9639	0.9955	0.9850
14.3	0.5681	0.9707	0.9946	0.8482	0.9657	0.9957	0.9875
14.4	0.6362	0.9664	0.9954	0.8557	0.9660	0.9961	0.9889
14.5	0.5659	0.9529	0.9932	0.8414	0.9457	0.9952	0.9797
14.6	0.6796	0.9785	0.9931	0.9007	0.9700	0.9959	0.9837
14.7	0.7095	0.9765	0.9920	0.9162	0.9745	0.9961	0.9823
14.8	0.7650	0.9579	0.9876	0.9017	0.9591	0.9930	0.9691
14.9	0.8033	0.9554	0.9914	0.9034	0.9576	0.9931	0.9730
15.0	0.7660	0.9389	0.9907	0.8867	0.9466	0.9918	0.9637
15.1	0.6777	0.9221	0.9873	0.8590	0.9105	0.9897	0.9339
15.2	0.7341	0.8447	0.9860	0.8272	0.8298	0.9903	0.8976
15.3	0.7610	0.7673	0.9870	0.8312	0.7532	0.9913	0.8483
15.4	0.8376	0.7936	0.9903	0.9078	0.7469	0.9933	0.8099
15.5	0.8440	0.7331	0.9886	0.9193	0.6549	0.9925	0.7351
15.6	0.8359	0.7175	0.9709	0.9056	0.6658	0.9846	0.6434
15.7	0.9187	0.8311	0.9647	0.9363	0.7948	0.9773	0.7926
15.8	0.9504	0.9020	0.9778	0.9634	0.8911	0.9689	0.9032
15.9	0.9763	0.9308	0.9813	0.9748	0.9232	0.9567	0.9351
16.0	0.9634	0.8974	0.9756	0.9582	0.8911	0.8586	0.9001
16.1	0.9792	0.9279	0.9847	0.9790	0.9217	0.7726	0.9331
16.2	0.9833	0.9528	0.9885	0.9811	0.9469	0.3053	0.9537
16.3	0.9862	0.9716	0.9911	0.9858	0.9665	0.3869	0.9738
16.4	0.9887	0.9776	0.9881	0.9877	0.9782	0.7877	0.9819
16.5	0.9711	0.9768	0.9689	0.9737	0.9780	0.8433	0.9833

16.6	0.9801	0.9679	0.9825	0.9803	0.9670	0.9510	0.9802
16.7	0.9841	0.9613	0.9892	0.9833	0.9583	0.9740	0.9744
16.8	0.9761	0.9590	0.9868	0.9751	0.9513	0.9735	0.9641
16.9	0.9561	0.9547	0.9785	0.9543	0.9524	0.9663	0.9542
17.0	0.9618	0.9612	0.9827	0.9598	0.9565	0.9705	0.9552
17.1	0.9637	0.9450	0.9845	0.9624	0.9213	0.9705	0.9467
17.2	0.9870	0.9238	0.9912	0.9856	0.9108	0.9878	0.9479
17.3	0.9849	0.9232	0.9902	0.9850	0.8806	0.9857	0.9336
17.4	0.9882	0.9013	0.9914	0.9887	0.8323	0.9862	0.9040
17.5	0.9922	0.8724	0.9920	0.9921	0.7948	0.9881	0.9027
17.6	0.9934	0.9052	0.9919	0.9936	0.8373	0.9890	0.9461
17.7	0.9935	0.9070	0.9916	0.9929	0.8397	0.9875	0.9574
17.8	0.9919	0.8944	0.9895	0.9915	0.7257	0.9862	0.9476
17.9	0.9938	0.8544	0.9901	0.9934	0.7192	0.9869	0.9377
18.0	0.9932	0.8396	0.9890	0.9933	0.7724	0.9844	0.9469
18.1	0.9926	0.8601	0.9900	0.9940	0.8248	0.9850	0.9531
18.2	0.9922	0.8052	0.9880	0.9944	0.8020	0.9831	0.9618
18.3	0.9909	0.8056	0.9878	0.9918	0.8374	0.9837	0.9673
18.4	0.9839	0.8045	0.9811	0.9842	0.8322	0.9771	0.9628
18.5	0.9708	0.8210	0.9631	0.9762	0.8369	0.9607	0.9321
18.6	0.9727	0.8800	0.9687	0.9765	0.9041	0.9743	0.9141
18.7	0.9806	0.8841	0.9758	0.9783	0.8900	0.9773	0.9284
18.8	0.9909	0.8847	0.9789	0.9888	0.8838	0.9756	0.9323
18.9	0.9881	0.8866	0.9784	0.9887	0.8810	0.9781	0.9350
19.0	0.9914	0.9253	0.9773	0.9899	0.9211	0.9775	0.9437
19.1	0.9902	0.9468	0.9784	0.9912	0.9405	0.9756	0.9440
19.2	0.9916	0.9473	0.9798	0.9918	0.9356	0.9781	0.9525
19.3	0.9857	0.9249	0.9752	0.9881	0.9083	0.9704	0.9252
19.4	0.9818	0.9247	0.9744	0.9811	0.9234	0.9536	0.9248
19.5	0.9849	0.9387	0.9819	0.9838	0.9433	0.9687	0.9669
19.6	0.9832	0.9338	0.9803	0.9834	0.9436	0.9695	0.9711
19.7	0.9838	0.9399	0.9849	0.9808	0.9487	0.9743	0.9758
19.8	0.9862	0.9470	0.9890	0.9827	0.9500	0.9808	0.9750
19.9	0.9695	0.9154	0.9846	0.9671	0.9301	0.9753	0.9636
20.0	0.9731	0.8994	0.9806	0.9631	0.9287	0.9780	0.9604
20.1	0.9753	0.8729	0.9790	0.9600	0.9145	0.9708	0.9477
20.2	0.9632	0.8443	0.9825	0.9455	0.9076	0.9726	0.9224
20.3	0.9384	0.8592	0.9854	0.9365	0.9148	0.9787	0.9413
20.4	0.9353	0.8513	0.9872	0.9186	0.8760	0.9827	0.9473
20.5	0.9045	0.7889	0.9853	0.8725	0.8528	0.9842	0.9382
20.6	0.8241	0.6031	0.9897	0.7666	0.7738	0.9872	0.9432
20.7	0.5619	0.4005	0.9823	0.2891	0.6364	0.9841	0.9229
20.8	0.5633	0.2581	0.9868	0.0719	0.5589	0.9861	0.9236
20.9	0.6508	0.2526	0.9880	0.5131	0.5695	0.9865	0.9418
21.0	0.7412	0.1715	0.9836	0.7652	0.4426	0.9834	0.9330
21.1	0.8350	0.0352	0.9824	0.8486	0.2114	0.9849	0.9057
21.2	0.8608	0.0248	0.9751	0.9079	0.1668	0.9851	0.8596
21.3	0.8802	0.1061	0.9764	0.8765	0.1660	0.9845	0.7924
21.4	0.9457	0.1721	0.9864	0.9510	0.1977	0.9886	0.8314
21.5	0.9632	0.1921	0.9901	0.9738	0.2236	0.9911	0.8178
21.6	0.9755	0.2794	0.9897	0.9774	0.3061	0.9921	0.8171
21.7	0.9734	0.2330	0.9878	0.9753	0.2488	0.9887	0.7751
21.8	0.9773	0.2155	0.9910	0.9794	0.2157	0.9922	0.7584
21.9	0.9799	0.2827	0.9906	0.9822	0.3064	0.9912	0.7639
22.0	0.9874	0.2437	0.9929	0.9860	0.2780	0.9923	0.7541
22.1	0.9848	0.2985	0.9930	0.9844	0.3447	0.9926	0.7261
22.2	0.9887	0.1141	0.9958	0.9906	0.1702	0.9965	0.6012
22.3	0.9915	0.0305	0.9938	0.9915	0.0714	0.9966	0.4622
22.4	0.9945	0.0723	0.9949	0.9945	0.1141	0.9969	0.5230
22.5	0.9939	0.0259	0.9949	0.9946	0.0532	0.9972	0.4593
22.6	0.9919	0.0188	0.9937	0.9923	0.0435	0.9952	0.2814
22.7	0.9911	0.0326	0.9940	0.9923	0.0327	0.9967	0.3364
22.8	0.9921	0.0437	0.9946	0.9924	0.0113	0.9972	0.5587
22.9	0.9922	0.1511	0.9937	0.9933	0.1120	0.9963	0.6528
23.0	0.9915	0.2678	0.9927	0.9926	0.2186	0.9959	0.7424
23.1	0.9933	0.3733	0.9930	0.9946	0.3300	0.9967	0.8427
23.2	0.9959	0.3841	0.9969	0.9970	0.3286	0.9978	0.8984
23.3	0.9943	0.3904	0.9955	0.9954	0.3309	0.9974	0.8838
23.4	0.9972	0.5418	0.9974	0.9968	0.5070	0.9981	0.9308
23.5	0.9955	0.5489	0.9967	0.9961	0.5365	0.9975	0.9446
23.6	0.9949	0.5799	0.9960	0.9958	0.5665	0.9971	0.9433
23.7	0.9959	0.7144	0.9972	0.9952	0.7135	0.9967	0.9467
23.8	0.9963	0.7460	0.9969	0.9948	0.7387	0.9952	0.9429
23.9	0.9958	0.7585	0.9965	0.9955	0.7424	0.9955	0.9487
24.0	0.9966	0.7644	0.9969	0.9959	0.7502	0.9969	0.9536
24.1	0.9967	0.8065	0.9966	0.9953	0.7974	0.9968	0.9513
24.2	0.9962	0.8091	0.9958	0.9950	0.8226	0.9968	0.9503
24.3	0.9901	0.7401	0.9916	0.9890	0.7542	0.9949	0.9121
24.4	0.9834	0.7091	0.9871	0.9770	0.7056	0.9933	0.8669
24.5	0.9752	0.7403	0.9836	0.9717	0.7190	0.9935	0.9028
24.6	0.9848	0.6669	0.9915	0.9828	0.6725	0.9939	0.9100
24.7	0.9891	0.6425	0.9953	0.9871	0.6687	0.9943	0.8940
24.8	0.9932	0.5959	0.9960	0.9914	0.6479	0.9934	0.8972
24.9	0.9938	0.5548	0.9948	0.9926	0.6131	0.9927	0.8609
25.0	0.9949	0.6435	0.9943	0.9945	0.6463	0.9955	0.8540
25.1	0.9948	0.6288	0.9935	0.9955	0.5912	0.9945	0.8246

25.2	0.9869	0.5972	0.9868	0.9882	0.5824	0.9937	0.7870
25.3	0.9778	0.6816	0.9769	0.9800	0.6883	0.9910	0.7377
25.4	0.9628	0.5719	0.9640	0.9638	0.5404	0.9884	0.6501
25.5	0.9548	0.6760	0.9504	0.9536	0.6923	0.9875	0.5733
25.6	0.9706	0.6408	0.9695	0.9720	0.6206	0.9917	0.7049
25.7	0.9895	0.6577	0.9881	0.9918	0.6913	0.9945	0.8320
25.8	0.9942	0.6474	0.9944	0.9940	0.7459	0.9921	0.9138
25.9	0.9958	0.7711	0.9967	0.9958	0.8281	0.9939	0.9640
26.0	0.9934	0.8142	0.9948	0.9938	0.8469	0.9942	0.9527
26.1	0.9940	0.8505	0.9958	0.9937	0.8693	0.9910	0.9553
26.2	0.9969	0.8753	0.9961	0.9975	0.8695	0.9910	0.9573
26.3	0.9973	0.8628	0.9949	0.9967	0.8626	0.9899	0.9686
26.4	0.9978	0.9050	0.9956	0.9974	0.8983	0.9882	0.9802
26.5	0.9984	0.9296	0.9941	0.9978	0.9095	0.9887	0.9804
26.6	0.9985	0.8748	0.9841	0.9978	0.8562	0.9874	0.9747
26.7	0.9973	0.9064	0.9898	0.9979	0.8876	0.9896	0.9801
26.8	0.9966	0.8831	0.9901	0.9974	0.8597	0.9901	0.9839
26.9	0.9970	0.8601	0.9908	0.9976	0.8023	0.9938	0.9834
27.0	0.9974	0.8861	0.9944	0.9972	0.8253	0.9943	0.9830
27.1	0.9985	0.9054	0.9970	0.9984	0.8389	0.9962	0.9841
27.2	0.9987	0.9287	0.9975	0.9990	0.8619	0.9977	0.9890
27.3	0.9986	0.8914	0.9969	0.9985	0.7577	0.9972	0.9877
27.4	0.9989	0.8573	0.9973	0.9986	0.7252	0.9965	0.9873
27.5	0.9990	0.8757	0.9978	0.9990	0.7443	0.9965	0.9909
27.6	0.9985	0.8866	0.9976	0.9985	0.7385	0.9966	0.9880
27.7	0.9976	0.8688	0.9959	0.9984	0.6942	0.9950	0.9818
27.8	0.9985	0.8664	0.9953	0.9986	0.6777	0.9955	0.9826
27.9	0.9986	0.8856	0.9951	0.9984	0.7206	0.9961	0.9809
28.0	0.9979	0.7747	0.9906	0.9979	0.5816	0.9947	0.9650
28.1	0.9984	0.7824	0.9916	0.9980	0.6422	0.9952	0.9617
28.2	0.9986	0.8161	0.9923	0.9986	0.7056	0.9956	0.9731
28.3	0.9981	0.7660	0.9925	0.9977	0.6180	0.9951	0.9600
28.4	0.9978	0.6503	0.9929	0.9972	0.4831	0.9944	0.9542
28.5	0.9975	0.5848	0.9936	0.9972	0.3169	0.9963	0.9517
28.6	0.9981	0.5240	0.9941	0.9983	0.2550	0.9976	0.9499
28.7	0.9979	0.4910	0.9945	0.9980	0.1629	0.9966	0.9347
28.8	0.9977	0.5184	0.9955	0.9978	0.3423	0.9963	0.9311
28.9	0.9976	0.3993	0.9950	0.9972	0.2171	0.9959	0.8799
29.0	0.9967	0.4342	0.9966	0.9969	0.1526	0.9959	0.8273
29.1	0.9965	0.5478	0.9974	0.9970	0.1402	0.9962	0.7814
29.2	0.9966	0.5808	0.9963	0.9968	0.1334	0.9954	0.5422
29.3	0.9969	0.6139	0.9962	0.9970	0.0792	0.9944	0.1273
29.4	0.9965	0.6516	0.9963	0.9971	0.1125	0.9960	0.4094
29.5	0.9962	0.6721	0.9952	0.9963	0.1607	0.9946	0.5075
29.6	0.9974	0.6165	0.9956	0.9973	0.1957	0.9949	0.6490
29.7	0.9976	0.6906	0.9962	0.9977	0.1446	0.9955	0.7586
29.8	0.9960	0.5595	0.9943	0.9960	0.1064	0.9943	0.7428
29.9	0.9900	0.4803	0.9818	0.9915	0.1020	0.9882	0.3733
30.0	0.9941	0.4793	0.9872	0.9950	0.0157	0.9899	0.6435
30.1	0.9976	0.5855	0.9958	0.9971	0.0325	0.9956	0.9344
30.2	0.9966	0.6565	0.9948	0.9967	0.1040	0.9949	0.9398
30.3	0.9973	0.6745	0.9965	0.9976	0.1109	0.9961	0.9407
30.4	0.9979	0.6728	0.9971	0.9982	0.1436	0.9962	0.9450
30.5	0.9977	0.6856	0.9960	0.9977	0.1019	0.9953	0.9394
30.6	0.9967	0.5404	0.9966	0.9965	0.1468	0.9956	0.8830
30.7	0.9967	0.5043	0.9972	0.9968	0.2500	0.9950	0.8856
30.8	0.9960	0.4801	0.9965	0.9964	0.2728	0.9953	0.8602
30.9	0.9962	0.4405	0.9960	0.9964	0.3614	0.9951	0.8441
31.0	0.9966	0.2898	0.9963	0.9968	0.3689	0.9948	0.8720
31.1	0.9965	0.1611	0.9967	0.9969	0.4554	0.9954	0.8428
31.2	0.9956	0.2958	0.9963	0.9969	0.3770	0.9936	0.8857
31.3	0.9941	0.4155	0.9962	0.9964	0.2698	0.9935	0.9083
31.4	0.9948	0.4687	0.9953	0.9952	0.2306	0.9938	0.9079
31.5	0.9923	0.4032	0.9952	0.9944	0.2080	0.9881	0.9082
31.6	0.9918	0.5265	0.9960	0.9947	0.4201	0.9900	0.9397
31.7	0.9942	0.6791	0.9960	0.9957	0.5193	0.9909	0.9435
31.8	0.9896	0.6508	0.9959	0.9952	0.4630	0.9854	0.9243
31.9	0.9883	0.7194	0.9962	0.9953	0.4937	0.9764	0.9398
32.0	0.9879	0.6522	0.9951	0.9961	0.4267	0.9716	0.9426
32.1	0.9886	0.6797	0.9962	0.9960	0.4036	0.9660	0.9651
32.2	0.9886	0.7114	0.9968	0.9947	0.3841	0.9543	0.9732
32.3	0.9818	0.7156	0.9957	0.9940	0.4387	0.9421	0.9655
32.4	0.9797	0.7527	0.9934	0.9952	0.5623	0.9326	0.9601
32.5	0.9859	0.7862	0.9935	0.9941	0.6170	0.9570	0.9684
32.6	0.9843	0.7984	0.9926	0.9933	0.6387	0.9674	0.9666
32.7	0.9889	0.8164	0.9930	0.9947	0.6713	0.9812	0.9780
32.8	0.9897	0.8137	0.9898	0.9926	0.6956	0.9772	0.9739
32.9	0.9918	0.8107	0.9890	0.9929	0.7323	0.9815	0.9715
33.0	0.9922	0.8511	0.9838	0.9931	0.8033	0.9838	0.9719
33.1	0.9946	0.8918	0.9751	0.9937	0.8619	0.9871	0.9714
33.2	0.9942	0.8397	0.9729	0.9926	0.8113	0.9910	0.9736
33.3	0.9949	0.7375	0.9597	0.9945	0.7079	0.9904	0.9683
33.4	0.9911	0.6536	0.8319	0.9912	0.6186	0.9799	0.9131
33.5	0.9937	0.6679	0.7241	0.9938	0.6550	0.9859	0.8925
33.6	0.9944	0.6683	0.7227	0.9946	0.6491	0.9844	0.8441
33.7	0.9952	0.6539	0.8843	0.9953	0.6432	0.9829	0.8116

33.8	0.9962	0.4571	0.9192	0.9960	0.3395	0.9740	0.5727
33.9	0.9974	0.2029	0.9650	0.9975	0.0692	0.9637	0.6250
34.0	0.9980	0.1887	0.9703	0.9974	0.5697	0.9415	0.7525
34.1	0.9985	0.4635	0.9791	0.9979	0.8163	0.9313	0.8803
34.2	0.9981	0.4412	0.9865	0.9974	0.8003	0.9435	0.9458
34.3	0.9981	0.3691	0.9785	0.9978	0.7610	0.9497	0.9464
34.4	0.9974	0.4793	0.9661	0.9957	0.7336	0.9428	0.9255
34.5	0.9981	0.6280	0.9811	0.9970	0.8323	0.9763	0.9562
34.6	0.9986	0.7579	0.9857	0.9983	0.9045	0.9826	0.9678
34.7	0.9982	0.7417	0.9749	0.9980	0.9040	0.9801	0.9723
34.8	0.9980	0.7480	0.9630	0.9977	0.8846	0.9750	0.9631
34.9	0.9980	0.7870	0.9527	0.9973	0.8861	0.9820	0.9654
35.0	0.9980	0.8532	0.9439	0.9964	0.9110	0.9857	0.9655
35.1	0.9982	0.8235	0.9267	0.9965	0.8993	0.9866	0.9667
35.2	0.9978	0.8588	0.8733	0.9964	0.9206	0.9823	0.9690
35.3	0.9983	0.8959	0.8567	0.9974	0.9342	0.9866	0.9689
35.4	0.9977	0.8913	0.8403	0.9968	0.9399	0.9919	0.9706
35.5	0.9984	0.9186	0.6526	0.9973	0.9519	0.9935	0.9756
35.6	0.9986	0.9394	0.3395	0.9972	0.9637	0.9923	0.9777
35.7	0.9979	0.9263	0.2620	0.9968	0.9477	0.9919	0.9728
35.8	0.9984	0.9249	0.4931	0.9972	0.9466	0.9927	0.9796
35.9	0.9975	0.8951	0.5624	0.9966	0.9286	0.9902	0.9720
36.0	0.9978	0.9306	0.6896	0.9973	0.9517	0.9940	0.9786
36.1	0.9980	0.9071	0.7501	0.9973	0.9348	0.9944	0.9801
36.2	0.9977	0.8744	0.7889	0.9973	0.9046	0.9946	0.9796
36.3	0.9984	0.9000	0.8370	0.9980	0.9192	0.9952	0.9850
36.4	0.9981	0.8739	0.8427	0.9973	0.8903	0.9932	0.9785
36.5	0.9985	0.9100	0.8560	0.9978	0.9241	0.9940	0.9855
36.6	0.9986	0.9398	0.9092	0.9983	0.9458	0.9961	0.9906
36.7	0.9984	0.9175	0.9479	0.9983	0.9149	0.9967	0.9883
36.8	0.9986	0.8901	0.9544	0.9982	0.9090	0.9970	0.9895
36.9	0.9986	0.9289	0.9716	0.9985	0.9352	0.9971	0.9885
37.0	0.9982	0.9315	0.9649	0.9981	0.9305	0.9972	0.9826
37.1	0.9978	0.9394	0.9725	0.9975	0.9352	0.9976	0.9846
37.2	0.9976	0.9467	0.9789	0.9974	0.9380	0.9977	0.9905
37.3	0.9980	0.9529	0.9790	0.9979	0.9438	0.9974	0.9903
37.4	0.9975	0.9483	0.9745	0.9971	0.9464	0.9968	0.9878
37.5	0.9976	0.9505	0.9773	0.9974	0.9443	0.9971	0.9864
37.6	0.9981	0.9621	0.9820	0.9979	0.9605	0.9975	0.9896
37.7	0.9981	0.9690	0.9780	0.9978	0.9653	0.9969	0.9896
37.8	0.9977	0.9616	0.9636	0.9972	0.9648	0.9963	0.9831
37.9	0.9978	0.9715	0.9760	0.9977	0.9674	0.9972	0.9854
38.0	0.9974	0.9681	0.9730	0.9967	0.9568	0.9953	0.9746
38.1	0.9976	0.9738	0.9797	0.9972	0.9644	0.9975	0.9754
38.2	0.9973	0.9788	0.9768	0.9971	0.9652	0.9965	0.9759
38.3	0.9963	0.9657	0.9735	0.9958	0.9511	0.9952	0.9498
38.4	0.9967	0.9737	0.9740	0.9966	0.9584	0.9960	0.9460
38.5	0.9967	0.9839	0.9822	0.9966	0.9637	0.9963	0.9769
38.6	0.9973	0.9839	0.9823	0.9971	0.9691	0.9955	0.9858
38.7	0.9959	0.9747	0.9779	0.9961	0.9501	0.9929	0.9791
38.8	0.9971	0.9840	0.9878	0.9974	0.9620	0.9945	0.9845
38.9	0.9978	0.9846	0.9895	0.9980	0.9607	0.9932	0.9845
39.0	0.9960	0.9756	0.9845	0.9964	0.9250	0.9891	0.9831
39.1	0.9965	0.9830	0.9885	0.9965	0.9326	0.9899	0.9859
39.2	0.9965	0.9833	0.9931	0.9964	0.9299	0.9916	0.9867
39.3	0.9975	0.9803	0.9956	0.9976	0.9199	0.9928	0.9857
39.4	0.9961	0.9578	0.9933	0.9967	0.8329	0.9882	0.9748
39.5	0.9955	0.9800	0.9954	0.9963	0.9147	0.9926	0.9814
39.6	0.9949	0.9843	0.9937	0.9956	0.9546	0.9916	0.9850
39.7	0.9966	0.9644	0.9922	0.9969	0.8904	0.9914	0.9763
39.8	0.9972	0.9570	0.9922	0.9970	0.8732	0.9885	0.9676
39.9	0.9965	0.9820	0.9949	0.9968	0.9256	0.9914	0.9794
40.0	0.9965	0.9844	0.9948	0.9971	0.9386	0.9915	0.9792
40.1	0.9953	0.9800	0.9930	0.9962	0.9204	0.9885	0.9751
40.2	0.9964	0.9849	0.9946	0.9973	0.9456	0.9878	0.9804
40.3	0.9977	0.9849	0.9957	0.9983	0.9355	0.9882	0.9798
40.4	0.9973	0.9811	0.9948	0.9981	0.9108	0.9846	0.9568
40.5	0.9976	0.9752	0.9935	0.9979	0.9316	0.9869	0.9682
40.6	0.9976	0.9780	0.9953	0.9980	0.9304	0.9896	0.9730
40.7	0.9980	0.9808	0.9965	0.9984	0.9479	0.9927	0.9730
40.8	0.9967	0.9744	0.9956	0.9972	0.9431	0.9899	0.9613
40.9	0.9978	0.9791	0.9955	0.9974	0.9490	0.9894	0.9589
41.0	0.9977	0.9789	0.9955	0.9967	0.9485	0.9920	0.9637
41.1	0.9983	0.9820	0.9947	0.9976	0.9491	0.9813	0.9715
41.2	0.9985	0.9822	0.9918	0.9976	0.9534	0.9674	0.9755
41.3	0.9977	0.9671	0.9794	0.9946	0.9194	0.9353	0.9511
41.4	0.9973	0.9796	0.9743	0.9971	0.9519	0.9650	0.9247
41.5	0.9970	0.9709	0.9837	0.9969	0.9150	0.9817	0.9637
41.6	0.9977	0.9639	0.9927	0.9969	0.8840	0.9858	0.9749
41.7	0.9975	0.9588	0.9889	0.9975	0.8425	0.9767	0.9785
41.8	0.9975	0.9733	0.9815	0.9970	0.8772	0.9390	0.9709
41.9	0.9974	0.9688	0.9732	0.9973	0.8874	0.9135	0.9739
42.0	0.9988	0.9750	0.9855	0.9985	0.9283	0.8987	0.9794
42.1	0.9979	0.9805	0.9879	0.9987	0.9429	0.9424	0.9770
42.2	0.9980	0.9657	0.9867	0.9987	0.9118	0.8402	0.9747
42.3	0.9980	0.9601	0.9894	0.9986	0.9193	0.7419	0.9826

42.4	0.9986	0.9765	0.9948	0.9981	0.9464	0.9354	0.9854
42.5	0.9986	0.9787	0.9944	0.9983	0.9400	0.9647	0.9810
42.6	0.9982	0.9690	0.9856	0.9984	0.9254	0.9335	0.9856
42.7	0.9982	0.9619	0.9923	0.9971	0.9060	0.9655	0.9842
42.8	0.9975	0.9410	0.9919	0.9964	0.8168	0.9482	0.9905
42.9	0.9967	0.9212	0.9834	0.9941	0.8428	0.9358	0.9864
43.0	0.9962	0.9506	0.9911	0.9955	0.9117	0.9799	0.9785
43.1	0.9962	0.9338	0.9880	0.9936	0.8959	0.9750	0.9658
43.2	0.9948	0.9477	0.9369	0.9960	0.9089	0.9191	0.9711
43.3	0.9967	0.9668	0.9274	0.9961	0.9415	0.9361	0.9659
43.4	0.9974	0.9774	0.9416	0.9971	0.9508	0.9708	0.9730
43.5	0.9967	0.9822	0.9842	0.9954	0.9665	0.9866	0.9821
43.6	0.9956	0.9687	0.9869	0.9888	0.9475	0.9799	0.9605
43.7	0.9971	0.9804	0.9943	0.9954	0.9610	0.9926	0.9714
43.8	0.9975	0.9837	0.9916	0.9980	0.9635	0.9937	0.9876
43.9	0.9963	0.9671	0.9524	0.9965	0.9267	0.9784	0.9467
44.0	0.9900	0.9506	0.9578	0.9959	0.8775	0.9859	0.9164
44.1	0.9930	0.9558	0.9638	0.9962	0.9286	0.9895	0.9518
44.2	0.9969	0.9707	0.9774	0.9947	0.9524	0.9929	0.9733
44.3	0.9979	0.9739	0.9749	0.9908	0.9594	0.9907	0.9695
44.4	0.9974	0.9386	0.9741	0.9871	0.9269	0.9876	0.9467
44.5	0.9969	0.9141	0.9758	0.9889	0.9058	0.9856	0.9210
44.6	0.9958	0.9346	0.9797	0.9880	0.9185	0.9886	0.9229
44.7	0.9961	0.8854	0.9846	0.9901	0.8605	0.9909	0.9513
44.8	0.9941	0.8338	0.9652	0.9915	0.8033	0.9880	0.9010
44.9	0.9943	0.7978	0.9187	0.9923	0.7057	0.9754	0.8403
45.0	0.9948	0.8290	0.9354	0.9887	0.6869	0.9710	0.7707
45.1	0.9961	0.9297	0.9786	0.9917	0.9065	0.9901	0.9304
45.2	0.9954	0.9614	0.9803	0.9926	0.9485	0.9913	0.9561
45.3	0.9930	0.9444	0.9366	0.9855	0.9249	0.9828	0.8864
45.4	0.9933	0.9507	0.9446	0.9891	0.9474	0.9932	0.9279
45.5	0.9964	0.9548	0.9513	0.9890	0.9523	0.9914	0.9531
45.6	0.9969	0.9504	0.9511	0.9871	0.9522	0.9912	0.9673
45.7	0.9969	0.9657	0.9316	0.9853	0.9634	0.9931	0.9722
45.8	0.9892	0.9408	0.7372	0.9836	0.9339	0.9929	0.9196
45.9	0.9908	0.9431	0.2093	0.9743	0.9399	0.9929	0.9394
46.0	0.9954	0.9547	0.2835	0.9601	0.9608	0.9928	0.9634
46.1	0.9944	0.9743	0.5160	0.9192	0.9775	0.9904	0.9399
46.2	0.9898	0.9695	0.7694	0.8980	0.9734	0.9900	0.9391
46.3	0.9820	0.9062	0.5040	0.8995	0.9167	0.9829	0.9185
46.4	0.9909	0.9486	0.7445	0.8252	0.9512	0.9812	0.9455
46.5	0.9937	0.9556	0.8925	0.7256	0.9604	0.9789	0.9509
46.6	0.9938	0.9723	0.9776	0.9489	0.9776	0.9929	0.9706
46.7	0.9939	0.9720	0.9571	0.9571	0.9741	0.9848	0.9602
46.8	0.9968	0.9852	0.9029	0.9607	0.9856	0.9846	0.9784
46.9	0.9964	0.9617	0.8238	0.8272	0.9638	0.9798	0.9680
47.0	0.9908	0.9332	0.8549	0.5343	0.9414	0.9714	0.9291
47.1	0.9907	0.9373	0.9125	0.8708	0.9453	0.9657	0.9529
47.2	0.9972	0.9730	0.9411	0.9580	0.9779	0.9851	0.9851
47.3	0.9963	0.9727	0.9411	0.9609	0.9763	0.9901	0.9844
47.4	0.9972	0.9863	0.9742	0.9699	0.9884	0.9956	0.9913
47.5	0.9968	0.9846	0.9703	0.9553	0.9868	0.9946	0.9898
47.6	0.9922	0.9633	0.9522	0.9338	0.9669	0.9878	0.9771
47.7	0.9845	0.9287	0.9246	0.9132	0.9385	0.9626	0.9552
47.8	0.9926	0.9652	0.9644	0.9579	0.9694	0.9822	0.9812
47.9	0.9914	0.9519	0.9546	0.9130	0.9577	0.9839	0.9807
48.0	0.9839	0.9406	0.9550	0.9088	0.9504	0.9788	0.9698
48.1	0.9899	0.9614	0.9764	0.9577	0.9713	0.9873	0.9755
48.2	0.9951	0.9758	0.9890	0.9664	0.9799	0.9931	0.9837
48.3	0.9939	0.9744	0.9939	0.9806	0.9795	0.9952	0.9818
48.4	0.9968	0.9899	0.9957	0.9910	0.9922	0.9974	0.9917
48.5	0.9968	0.9911	0.9947	0.9907	0.9926	0.9964	0.9941
48.6	0.9957	0.9855	0.9890	0.9867	0.9892	0.9922	0.9949
48.7	0.9944	0.9871	0.9941	0.9842	0.9894	0.9955	0.9950
48.8	0.9908	0.9770	0.9964	0.9881	0.9826	0.9980	0.9900
48.9	0.9946	0.9655	0.9974	0.9902	0.9790	0.9982	0.9888
49.0	0.9877	0.9586	0.9960	0.9888	0.9666	0.9985	0.9891
49.1	0.9887	0.9526	0.9877	0.9845	0.9632	0.9972	0.9898
49.2	0.9951	0.9681	0.9781	0.9766	0.9755	0.9947	0.9944
49.3	0.9933	0.9698	0.9810	0.9777	0.9722	0.9914	0.9930
49.4	0.9909	0.9640	0.9836	0.9835	0.9738	0.9881	0.9947
49.5	0.9884	0.9615	0.9896	0.9875	0.9721	0.9909	0.9936
49.6	0.9830	0.9525	0.9935	0.9847	0.9701	0.9956	0.9914
49.7	0.9888	0.9664	0.9921	0.9774	0.9768	0.9924	0.9927
49.8	0.9943	0.9822	0.9956	0.9838	0.9870	0.9941	0.9937
49.9	0.9946	0.9760	0.9946	0.9856	0.9829	0.9960	0.9936
50.0	0.9931	0.9711	0.9898	0.9808	0.9709	0.9952	0.9937
50.1	0.9895	0.9740	0.9936	0.9795	0.9752	0.9958	0.9925
50.2	0.9931	0.9798	0.9971	0.9867	0.9875	0.9976	0.9947
50.3	0.9928	0.9767	0.9950	0.9856	0.9858	0.9960	0.9932
50.4	0.9911	0.9798	0.9967	0.9888	0.9861	0.9975	0.9919
50.5	0.9870	0.9609	0.9966	0.9864	0.9725	0.9961	0.9909
50.6	0.9854	0.9667	0.9955	0.9810	0.9767	0.9950	0.9878
50.7	0.9908	0.9812	0.9955	0.9891	0.9840	0.9957	0.9920
50.8	0.9856	0.9735	0.9911	0.9883	0.9798	0.9884	0.9854
50.9	0.9908	0.9869	0.9966	0.9910	0.9912	0.9929	0.9917

51.0	0.9897	0.9842	0.9960	0.9891	0.9879	0.9947	0.9918
51.1	0.9868	0.9810	0.9954	0.9893	0.9864	0.9941	0.9923
51.2	0.9731	0.9698	0.9948	0.9888	0.9780	0.9928	0.9841
51.3	0.9683	0.9684	0.9970	0.9857	0.9789	0.9954	0.9833
51.4	0.9848	0.9854	0.9978	0.9882	0.9874	0.9974	0.9924
51.5	0.9866	0.9823	0.9962	0.9837	0.9834	0.9956	0.9924
51.6	0.9781	0.9812	0.9956	0.9842	0.9846	0.9949	0.9925
51.7	0.9750	0.9862	0.9971	0.9900	0.9902	0.9957	0.9912
51.8	0.9695	0.9871	0.9966	0.9900	0.9899	0.9941	0.9911
51.9	0.9513	0.9791	0.9952	0.9872	0.9829	0.9908	0.9899
52.0	0.9687	0.9813	0.9956	0.9839	0.9858	0.9929	0.9937
52.1	0.9552	0.9859	0.9971	0.9882	0.9868	0.9949	0.9926
52.2	0.9211	0.9848	0.9959	0.9873	0.9875	0.9899	0.9917
52.3	0.7994	0.9832	0.9957	0.9892	0.9856	0.9921	0.9940
52.4	0.7334	0.9681	0.9941	0.9857	0.9748	0.9917	0.9877
52.5	0.8739	0.9790	0.9952	0.9880	0.9831	0.9930	0.9920
52.6	0.7667	0.9796	0.9951	0.9874	0.9815	0.9943	0.9901
52.7	0.7703	0.9611	0.9923	0.9780	0.9663	0.9936	0.9860
52.8	0.8684	0.9629	0.9931	0.9783	0.9709	0.9950	0.9917
52.9	0.8369	0.9771	0.9952	0.9874	0.9817	0.9934	0.9900
53.0	0.8026	0.9788	0.9954	0.9878	0.9796	0.9940	0.9877
53.1	0.6969	0.9771	0.9963	0.9880	0.9785	0.9959	0.9850
53.2	0.5032	0.9782	0.9962	0.9880	0.9794	0.9954	0.9814
53.3	0.0570	0.9744	0.9968	0.9827	0.9765	0.9958	0.9757
53.4	0.0542	0.9815	0.9974	0.9873	0.9793	0.9972	0.9824
53.5	0.4312	0.9780	0.9971	0.9849	0.9813	0.9966	0.9859
53.6	0.6858	0.9834	0.9958	0.9893	0.9851	0.9959	0.9911
53.7	0.5636	0.9829	0.9946	0.9880	0.9820	0.9955	0.9884
53.8	0.2035	0.9642	0.9907	0.9873	0.9647	0.9894	0.9829
53.9	0.2155	0.9683	0.9941	0.9862	0.9683	0.9911	0.9861
54.0	0.6001	0.9808	0.9973	0.9875	0.9753	0.9961	0.9923
54.1	0.7230	0.9498	0.9926	0.9690	0.9381	0.9913	0.9820
54.2	0.7566	0.9431	0.9931	0.9761	0.9308	0.9951	0.9862
54.3	0.6578	0.9471	0.9919	0.9806	0.9427	0.9942	0.9895
54.4	0.8225	0.9537	0.9935	0.9814	0.9430	0.9960	0.9897
54.5	0.8390	0.9459	0.9934	0.9798	0.9237	0.9967	0.9870
54.6	0.8621	0.9280	0.9945	0.9755	0.8925	0.9970	0.9882
54.7	0.8194	0.9183	0.9942	0.9678	0.8810	0.9969	0.9829
54.8	0.8444	0.9578	0.9955	0.9757	0.9400	0.9980	0.9901
54.9	0.8268	0.9654	0.9957	0.9766	0.9441	0.9974	0.9914
55.0	0.7847	0.9519	0.9954	0.9671	0.9267	0.9971	0.9875
55.1	0.8247	0.9352	0.9944	0.9558	0.9141	0.9970	0.9839
55.2	0.8474	0.9554	0.9961	0.9663	0.9432	0.9970	0.9867
55.3	0.8845	0.9604	0.9966	0.9726	0.9469	0.9972	0.9893
55.4	0.8958	0.9590	0.9969	0.9716	0.9480	0.9975	0.9883
55.5	0.9215	0.9648	0.9962	0.9781	0.9535	0.9976	0.9882
55.6	0.9231	0.9546	0.9946	0.9722	0.9357	0.9970	0.9876
55.7	0.9283	0.9584	0.9964	0.9703	0.9453	0.9983	0.9912
55.8	0.9161	0.9474	0.9959	0.9589	0.9319	0.9970	0.9878
55.9	0.9374	0.9527	0.9967	0.9724	0.9283	0.9982	0.9910
56.0	0.9342	0.9593	0.9961	0.9750	0.9457	0.9982	0.9923
56.1	0.9030	0.9505	0.9902	0.9631	0.9421	0.9958	0.9859
56.2	0.9337	0.9451	0.9917	0.9589	0.9288	0.9974	0.9852
56.3	0.9382	0.9572	0.9954	0.9708	0.9450	0.9977	0.9871
56.4	0.9526	0.9633	0.9973	0.9765	0.9557	0.9989	0.9913
56.5	0.9488	0.9544	0.9970	0.9758	0.9493	0.9985	0.9894
56.6	0.9344	0.9425	0.9957	0.9585	0.9327	0.9971	0.9856
56.7	0.9433	0.9575	0.9965	0.9659	0.9480	0.9980	0.9862
56.8	0.9531	0.9701	0.9975	0.9759	0.9665	0.9987	0.9906
56.9	0.9476	0.9719	0.9977	0.9748	0.9687	0.9982	0.9903
57.0	0.9165	0.9644	0.9976	0.9723	0.9566	0.9976	0.9853
57.1	0.9411	0.9741	0.9976	0.9733	0.9591	0.9980	0.9865
57.2	0.9449	0.9680	0.9948	0.9726	0.9550	0.9978	0.9832
57.3	0.9635	0.9785	0.9966	0.9831	0.9682	0.9977	0.9885
57.4	0.9550	0.9780	0.9974	0.9860	0.9658	0.9974	0.9889
57.5	0.9621	0.9756	0.9969	0.9818	0.9648	0.9979	0.9897
57.6	0.9667	0.9728	0.9967	0.9767	0.9581	0.9980	0.9874
57.7	0.9610	0.9689	0.9965	0.9745	0.9529	0.9985	0.9865
57.8	0.9561	0.9745	0.9971	0.9793	0.9569	0.9979	0.9866
57.9	0.9662	0.9745	0.9972	0.9784	0.9591	0.9978	0.9878
58.0	0.9667	0.9709	0.9978	0.9820	0.9568	0.9971	0.9910
58.1	0.9808	0.9780	0.9980	0.9861	0.9683	0.9981	0.9918
58.2	0.9765	0.9814	0.9981	0.9895	0.9744	0.9984	0.9891
58.3	0.9781	0.9827	0.9982	0.9864	0.9745	0.9989	0.9889
58.4	0.9806	0.9838	0.9983	0.9872	0.9781	0.9991	0.9910
58.5	0.9684	0.9772	0.9980	0.9852	0.9675	0.9985	0.9878
58.6	0.9711	0.9763	0.9979	0.9821	0.9656	0.9982	0.9853
58.7	0.9798	0.9731	0.9978	0.9829	0.9656	0.9985	0.9877
58.8	0.9828	0.9792	0.9986	0.9826	0.9675	0.9987	0.9881
58.9	0.9690	0.9414	0.9975	0.9731	0.9089	0.9984	0.9885
59.0	0.9012	0.7886	0.9931	0.9392	0.7172	0.9984	0.9768
59.1	0.9225	0.8415	0.9950	0.9341	0.7839	0.9984	0.9756
59.2	0.9829	0.9759	0.9985	0.9676	0.9643	0.9984	0.9876
59.3	0.9836	0.9712	0.9988	0.9627	0.9535	0.9982	0.9860
59.4	0.9812	0.9690	0.9985	0.9510	0.9484	0.9981	0.9809
59.5	0.9844	0.9722	0.9986	0.9411	0.9524	0.9989	0.9871

59.6	0.9858	0.9751	0.9984	0.8842	0.9583	0.9985	0.9889
59.7	0.9900	0.9798	0.9989	0.7282	0.9644	0.9987	0.9865
59.8	0.9848	0.9580	0.9986	0.0772	0.9321	0.9983	0.9804
59.9	0.9310	0.9440	0.9980	0.0169	0.9167	0.9977	0.0673
60.0	0.8366	0.9591	0.9968	0.0019	0.9254	0.9976	0.0494
60.1	0.9440	0.9721	0.9983	0.0024	0.9521	0.9985	0.1117
60.2	0.9877	0.9800	0.9988	0.1121	0.9692	0.9988	0.9808
60.3	0.9871	0.9801	0.9990	0.6612	0.9661	0.9987	0.9827
60.4	0.9842	0.9696	0.9989	0.8857	0.9483	0.9980	0.9832
60.5	0.9875	0.9696	0.9990	0.9480	0.9548	0.9979	0.9800
60.6	0.9860	0.9801	0.9990	0.9627	0.9665	0.9975	0.9745
60.7	0.9830	0.9641	0.9989	0.9650	0.9504	0.9980	0.9791
60.8	0.9876	0.9553	0.9990	0.9727	0.9409	0.9983	0.9773
60.9	0.9917	0.9659	0.9991	0.9777	0.9543	0.9983	0.9779
61.0	0.9932	0.9749	0.9991	0.9814	0.9610	0.9990	0.9843
61.1	0.9888	0.9461	0.9988	0.9775	0.9249	0.9985	0.9809
61.2	0.9883	0.9410	0.9990	0.9757	0.9155	0.9979	0.9780
61.3	0.9866	0.9462	0.9987	0.9780	0.9268	0.9977	0.9750
61.4	0.9894	0.9468	0.9987	0.9826	0.9350	0.9983	0.9709
61.5	0.9929	0.9731	0.9992	0.9883	0.9665	0.9991	0.9805
61.6	0.9925	0.9753	0.9991	0.9883	0.9625	0.9987	0.9756
61.7	0.9915	0.9711	0.9986	0.9832	0.9543	0.9979	0.9774
61.8	0.9915	0.9636	0.9990	0.9839	0.9448	0.9987	0.9751
61.9	0.9909	0.9558	0.9989	0.9853	0.9250	0.9983	0.9762
62.0	0.9914	0.9520	0.9989	0.9871	0.9159	0.9988	0.9755
62.1	0.9885	0.9366	0.9985	0.9877	0.9044	0.9986	0.9693
62.2	0.9885	0.9549	0.9988	0.9928	0.9348	0.9986	0.9657
62.3	0.9892	0.9598	0.9992	0.9921	0.9526	0.9985	0.9748
62.4	0.9837	0.9519	0.9989	0.9913	0.9414	0.9983	0.9684
62.5	0.9839	0.9586	0.9990	0.9899	0.9439	0.9983	0.9733
62.6	0.9848	0.9552	0.9989	0.9887	0.9492	0.9985	0.9673
62.7	0.9813	0.9443	0.9989	0.9911	0.9352	0.9977	0.9631
62.8	0.9838	0.9594	0.9987	0.9918	0.9421	0.9979	0.9662
62.9	0.9859	0.9436	0.9986	0.9912	0.9248	0.9986	0.9544
63.0	0.9865	0.9470	0.9987	0.9933	0.9326	0.9983	0.9564
63.1	0.9869	0.9437	0.9992	0.9938	0.9371	0.9982	0.9687
63.2	0.9871	0.9145	0.9990	0.9902	0.9009	0.9981	0.9615
63.3	0.9863	0.9275	0.9989	0.9880	0.9061	0.9983	0.9645
63.4	0.9881	0.9197	0.9991	0.9907	0.9143	0.9989	0.9732
63.5	0.9911	0.9008	0.9993	0.9928	0.9150	0.9990	0.9740
63.6	0.9903	0.8662	0.9990	0.9925	0.8958	0.9989	0.9736
63.7	0.9901	0.7859	0.9988	0.9895	0.8554	0.9984	0.9676
63.8	0.9917	0.7269	0.9990	0.9902	0.7617	0.9986	0.9637
63.9	0.9934	0.7232	0.9991	0.9907	0.7268	0.9986	0.9616
64.0	0.9939	0.7284	0.9990	0.9910	0.7306	0.9989	0.9614
64.1	0.9920	0.6927	0.9987	0.9901	0.6457	0.9986	0.9507
64.2	0.9893	0.7127	0.9987	0.9851	0.4462	0.9980	0.9430
64.3	0.9911	0.8275	0.9991	0.9868	0.4460	0.9978	0.9260
64.4	0.9934	0.8735	0.9991	0.9863	0.5664	0.9980	0.9192
64.5	0.9947	0.9163	0.9987	0.9828	0.6948	0.9987	0.9265
64.6	0.9925	0.9342	0.9986	0.9813	0.7586	0.9985	0.8916
64.7	0.9927	0.9488	0.9987	0.9865	0.8373	0.9986	0.8779
64.8	0.9950	0.9541	0.9986	0.9873	0.8786	0.9986	0.9009
64.9	0.9943	0.9530	0.9985	0.9834	0.8856	0.9981	0.8738
65.0	0.9934	0.9571	0.9988	0.9840	0.9005	0.9988	0.8637
65.1	0.9946	0.9634	0.9988	0.9870	0.9208	0.9984	0.8624
65.2	0.9957	0.9644	0.9987	0.9897	0.9320	0.9987	0.8092
65.3	0.9947	0.9684	0.9990	0.9855	0.9412	0.9991	0.7784
65.4	0.9950	0.9668	0.9989	0.9866	0.9440	0.9986	0.7526
65.5	0.9949	0.9631	0.9987	0.9888	0.9355	0.9985	0.7004
65.6	0.9913	0.9556	0.9982	0.9837	0.9235	0.9982	0.7028
65.7	0.9925	0.9751	0.9984	0.9852	0.9547	0.9985	0.6656
65.8	0.9926	0.9728	0.9985	0.9856	0.9598	0.9987	0.6855
65.9	0.9937	0.9781	0.9989	0.9833	0.9675	0.9980	0.6989
66.0	0.9921	0.9751	0.9985	0.9791	0.9564	0.9978	0.6675
66.1	0.9921	0.9762	0.9986	0.9772	0.9609	0.9988	0.6681
66.2	0.9940	0.9754	0.9984	0.9801	0.9675	0.9987	0.6675
66.3	0.9939	0.9746	0.9986	0.9893	0.9627	0.9986	0.7135
66.4	0.9911	0.9707	0.9976	0.9822	0.9592	0.9979	0.6777
66.5	0.9941	0.9740	0.9975	0.9859	0.9692	0.9970	0.6221
66.6	0.9937	0.9784	0.9986	0.9865	0.9755	0.9978	0.6324
66.7	0.9918	0.9821	0.9985	0.9876	0.9771	0.9983	0.6243
66.8	0.9911	0.9800	0.9980	0.9824	0.9714	0.9974	0.6149
66.9	0.9932	0.9792	0.9984	0.9828	0.9715	0.9982	0.4742
67.0	0.9937	0.9770	0.9980	0.9820	0.9715	0.9978	0.3313
67.1	0.9934	0.9766	0.9976	0.9804	0.9695	0.9973	0.4661
67.2	0.9954	0.9809	0.9979	0.9864	0.9769	0.9981	0.5029
67.3	0.9955	0.9811	0.9980	0.9823	0.9781	0.9977	0.4693
67.4	0.9950	0.9900	0.9984	0.9890	0.9877	0.9977	0.4064
67.5	0.9951	0.9896	0.9983	0.9873	0.9880	0.9981	0.2749
67.6	0.9945	0.9892	0.9981	0.9856	0.9864	0.9980	0.3746
67.7	0.9931	0.9898	0.9976	0.9861	0.9871	0.9975	0.3130
67.8	0.9929	0.9837	0.9972	0.9820	0.9809	0.9971	0.4471
67.9	0.9946	0.9901	0.9972	0.9863	0.9880	0.9969	0.5167
68.0	0.9961	0.9929	0.9972	0.9901	0.9926	0.9969	0.6245
68.1	0.9959	0.9884	0.9965	0.9849	0.9882	0.9967	0.6083

68.2	0.9939	0.9890	0.9973	0.9786	0.9880	0.9961	0.6420
68.3	0.9939	0.9878	0.9974	0.9785	0.9878	0.9959	0.6494
68.4	0.9924	0.9884	0.9961	0.9763	0.9874	0.9957	0.6158
68.5	0.9942	0.9864	0.9967	0.9752	0.9862	0.9952	0.7325
68.6	0.9961	0.9899	0.9969	0.9826	0.9912	0.9967	0.7391
68.7	0.9939	0.9887	0.9958	0.9725	0.9882	0.9959	0.7585
68.8	0.9940	0.9886	0.9956	0.9657	0.9890	0.9966	0.8200
68.9	0.9952	0.9894	0.9961	0.9706	0.9913	0.9971	0.8316
69.0	0.9956	0.9900	0.9966	0.9738	0.9912	0.9968	0.8645
69.1	0.9955	0.9873	0.9947	0.9718	0.9908	0.9953	0.8578
69.2	0.9958	0.9879	0.9952	0.9801	0.9908	0.9955	0.8886
69.3	0.9950	0.9888	0.9964	0.9828	0.9908	0.9965	0.9103
69.4	0.9944	0.9875	0.9951	0.9808	0.9907	0.9956	0.9006
69.5	0.9945	0.9856	0.9957	0.9829	0.9888	0.9954	0.9298
69.6	0.9932	0.9802	0.9952	0.9789	0.9853	0.9951	0.9285
69.7	0.9934	0.9825	0.9957	0.9778	0.9860	0.9954	0.9271
69.8	0.9939	0.9864	0.9930	0.9845	0.9866	0.9937	0.9450
69.9	0.9941	0.9868	0.9940	0.9835	0.9889	0.9949	0.9462
70.0	0.9934	0.9868	0.9950	0.9852	0.9890	0.9951	0.9414
70.1	0.9924	0.9863	0.9938	0.9833	0.9898	0.9945	0.9410
70.2	0.9934	0.9905	0.9934	0.9833	0.9917	0.9932	0.9557
70.3	0.9932	0.9884	0.9911	0.9820	0.9885	0.9915	0.9457
70.4	0.9943	0.9867	0.9926	0.9800	0.9879	0.9926	0.9612
70.5	0.9946	0.9871	0.9934	0.9698	0.9890	0.9929	0.9570
70.6	0.9940	0.9896	0.9951	0.9779	0.9917	0.9943	0.9639
70.7	0.9933	0.9902	0.9926	0.9767	0.9926	0.9934	0.9462
70.8	0.9927	0.9877	0.9898	0.9701	0.9877	0.9905	0.9355
70.9	0.9941	0.9884	0.9937	0.9717	0.9894	0.9937	0.9649
71.0	0.9964	0.9911	0.9950	0.9664	0.9921	0.9949	0.9762
71.1	0.9960	0.9914	0.9932	0.9675	0.9923	0.9927	0.9757
71.2	0.9961	0.9932	0.9926	0.9697	0.9933	0.9914	0.9784
71.3	0.9948	0.9900	0.9920	0.9527	0.9901	0.9921	0.9738
71.4	0.9950	0.9894	0.9931	0.9429	0.9915	0.9932	0.9723
71.5	0.9941	0.9890	0.9920	0.9474	0.9900	0.9914	0.9760
71.6	0.9944	0.9869	0.9930	0.9340	0.9891	0.9917	0.9794
71.7	0.9926	0.9838	0.9901	0.9159	0.9873	0.9885	0.9724
71.8	0.9918	0.9828	0.9897	0.9105	0.9871	0.9899	0.9756
71.9	0.9891	0.9806	0.9875	0.8870	0.9836	0.9858	0.9721
72.0	0.9888	0.9785	0.9908	0.8672	0.9821	0.9901	0.9718
72.1	0.9872	0.9721	0.9855	0.8347	0.9753	0.9857	0.9658
72.2	0.9872	0.9731	0.9846	0.8666	0.9755	0.9848	0.9686
72.3	0.9837	0.9704	0.9818	0.8773	0.9740	0.9823	0.9690
72.4	0.9841	0.9708	0.9866	0.8771	0.9759	0.9874	0.9716
72.5	0.9852	0.9705	0.9853	0.8854	0.9748	0.9852	0.9732
72.6	0.9878	0.9739	0.9856	0.8910	0.9779	0.9854	0.9766
72.7	0.9905	0.9759	0.9862	0.8901	0.9793	0.9872	0.9780
72.8	0.9900	0.9745	0.9859	0.9113	0.9785	0.9868	0.9812
72.9	0.9923	0.9810	0.9898	0.9352	0.9846	0.9898	0.9836
73.0	0.9896	0.9746	0.9878	0.9248	0.9801	0.9866	0.9804
73.1	0.9906	0.9765	0.9829	0.9350	0.9779	0.9840	0.9818
73.2	0.9908	0.9740	0.9846	0.9413	0.9791	0.9847	0.9805
73.3	0.9911	0.9756	0.9873	0.9542	0.9812	0.9881	0.9862
73.4	0.9882	0.9676	0.9839	0.9443	0.9749	0.9847	0.9820
73.5	0.9828	0.9555	0.9817	0.9373	0.9676	0.9824	0.9744
73.6	0.9865	0.9647	0.9830	0.9457	0.9730	0.9839	0.9784
73.7	0.9910	0.9758	0.9817	0.9550	0.9786	0.9838	0.9853
73.8	0.9881	0.9642	0.9793	0.9485	0.9714	0.9810	0.9839
73.9	0.9861	0.9626	0.9794	0.9523	0.9714	0.9811	0.9809
74.0	0.9835	0.9481	0.9799	0.9465	0.9642	0.9808	0.9786
74.1	0.9837	0.9477	0.9788	0.9457	0.9621	0.9821	0.9825
74.2	0.9823	0.9525	0.9763	0.9545	0.9638	0.9789	0.9814
74.3	0.9845	0.9528	0.9811	0.9595	0.9679	0.9824	0.9823
74.4	0.9743	0.9351	0.9695	0.9449	0.9542	0.9731	0.9772
74.5	0.9853	0.9494	0.9787	0.9592	0.9659	0.9814	0.9823
74.6	0.9879	0.9593	0.9831	0.9670	0.9729	0.9848	0.9838
74.7	0.9831	0.9419	0.9741	0.9535	0.9620	0.9772	0.9797
74.8	0.9883	0.9548	0.9815	0.9671	0.9724	0.9831	0.9844
74.9	0.9850	0.9476	0.9859	0.9664	0.9716	0.9879	0.9831
75.0	0.9802	0.9360	0.9797	0.9641	0.9643	0.9823	0.9799
75.1	0.9773	0.9098	0.9696	0.9562	0.9530	0.9735	0.9754
75.2	0.9842	0.9347	0.9760	0.9707	0.9654	0.9782	0.9845
75.3	0.9856	0.9260	0.9740	0.9676	0.9654	0.9766	0.9774
75.4	0.9845	0.9198	0.9787	0.9688	0.9631	0.9823	0.9788
75.5	0.9845	0.9239	0.9724	0.9603	0.9568	0.9773	0.9808
75.6	0.9805	0.8940	0.9577	0.9524	0.9395	0.9636	0.9725
75.7	0.9823	0.8814	0.9642	0.9617	0.9436	0.9695	0.9721
75.8	0.9841	0.8762	0.9684	0.9630	0.9474	0.9730	0.9703
75.9	0.9825	0.8441	0.9683	0.9573	0.9413	0.9737	0.9693
76.0	0.9831	0.7975	0.9506	0.9433	0.9296	0.9573	0.9651
76.1	0.9783	0.7593	0.9511	0.9443	0.9193	0.9560	0.9621
76.2	0.9826	0.8417	0.9633	0.9588	0.9534	0.9694	0.9731
76.3	0.9812	0.7917	0.9607	0.9669	0.9498	0.9657	0.9718
76.4	0.9844	0.7175	0.9578	0.9638	0.9343	0.9637	0.9625
76.5	0.9820	0.7799	0.9544	0.9675	0.9435	0.9602	0.9647
76.6	0.9871	0.8174	0.9486	0.9536	0.9521	0.9534	0.9739
76.7	0.9876	0.8071	0.9523	0.9509	0.9501	0.9588	0.9723

76.8	0.9858	0.7603	0.9389	0.9543	0.9341	0.9459	0.9637
76.9	0.9851	0.7958	0.9042	0.9442	0.9274	0.9183	0.9630
77.0	0.9849	0.8390	0.8966	0.9419	0.9306	0.9135	0.9616
77.1	0.9871	0.8749	0.8986	0.9466	0.9373	0.9150	0.9620
77.2	0.9910	0.8775	0.9151	0.9480	0.9450	0.9252	0.9653
77.3	0.9906	0.8955	0.8711	0.9317	0.9317	0.9085	0.9682
77.4	0.9842	0.8878	0.8633	0.9340	0.9245	0.9080	0.9597
77.5	0.9836	0.8892	0.8435	0.9312	0.9230	0.8989	0.9560
77.6	0.9855	0.8999	0.7553	0.9222	0.9177	0.8596	0.9620
77.7	0.9879	0.9305	0.7339	0.9082	0.9213	0.8595	0.9728
77.8	0.9865	0.9327	0.6801	0.9086	0.9212	0.8578	0.9699
77.9	0.9936	0.9348	0.6836	0.9125	0.9197	0.8752	0.9681
78.0	0.9896	0.9128	0.6832	0.9056	0.9097	0.8887	0.9585
78.1	0.9898	0.9288	0.7369	0.9098	0.9227	0.9101	0.9682
78.2	0.9900	0.9491	0.7679	0.9249	0.9447	0.9256	0.9642
78.3	0.9894	0.9451	0.7563	0.9152	0.9319	0.9139	0.9616
78.4	0.9880	0.9439	0.7658	0.9245	0.9381	0.9160	0.9638
78.5	0.9894	0.9474	0.7764	0.9422	0.9458	0.9250	0.9695
78.6	0.9892	0.9600	0.8543	0.9483	0.9614	0.9471	0.9709
78.7	0.9861	0.9586	0.8878	0.9505	0.9592	0.9543	0.9680
78.8	0.9795	0.9532	0.8890	0.9507	0.9499	0.9447	0.9670
78.9	0.9610	0.9322	0.8740	0.9323	0.9177	0.9291	0.9627
79.0	0.9564	0.9356	0.8856	0.9359	0.9257	0.9430	0.9590
79.1	0.9613	0.9446	0.8852	0.9455	0.9436	0.9514	0.9580
79.2	0.9723	0.9523	0.8435	0.9472	0.9536	0.9398	0.9645
79.3	0.9717	0.9633	0.8864	0.9557	0.9623	0.9622	0.9767
79.4	0.9640	0.9344	0.8618	0.9290	0.9336	0.9558	0.9647
79.5	0.9659	0.9405	0.8709	0.9367	0.9450	0.9601	0.9634
79.6	0.9638	0.9419	0.9148	0.9327	0.9496	0.9708	0.9649
79.7	0.9609	0.9360	0.9241	0.9417	0.9419	0.9703	0.9637
79.8	0.9678	0.9472	0.9318	0.9422	0.9486	0.9734	0.9702
79.9	0.9456	0.9367	0.9258	0.9341	0.9474	0.9691	0.9671
80.0	0.9455	0.9353	0.9466	0.9496	0.9518	0.9734	0.9632

2.2.55 Run 5 – VTC-200 – Accels 1–8

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.5826	0.5236	0.5619	0.5620	0.1774	0.3952	0.3638	0.2953
0.1	0.1620	0.0927	0.1129	0.1194	0.0346	0.0378	0.0046	0.0063
0.2	0.0373	0.0019	0.0112	0.0001	0.0007	0.0141	0.0255	0.0413
0.3	0.0405	0.0222	0.0089	0.0011	0.0308	0.0050	0.0152	0.0033
0.4	0.0385	0.0109	0.0048	0.0105	0.0115	0.0329	0.0239	0.0117
0.5	0.0297	0.0156	0.0073	0.0248	0.0017	0.0007	0.0150	0.0124
0.6	0.0109	0.0194	0.0143	0.0272	0.0325	0.0124	0.0113	0.0011
0.7	0.0290	0.0185	0.0155	0.0128	0.0343	0.0149	0.0058	0.0037
0.8	0.0103	0.0823	0.0316	0.0527	0.0238	0.0018	0.0084	0.0174
0.9	0.0040	0.2014	0.0967	0.0343	0.0416	0.0230	0.0211	0.0353
1.0	0.0156	0.2542	0.0282	0.0258	0.0593	0.0364	0.0763	0.0015
1.1	0.0305	0.4254	0.1429	0.1631	0.0833	0.0447	0.0978	0.0298
1.2	0.0045	0.3977	0.0547	0.3337	0.0046	0.0576	0.3387	0.1221
1.3	0.0034	0.4437	0.0521	0.3998	0.0043	0.1236	0.4142	0.0124
1.4	0.0095	0.4451	0.0688	0.4113	0.0960	0.1603	0.4112	0.0384
1.5	0.0353	0.6257	0.0364	0.5064	0.1250	0.3009	0.5715	0.0070
1.6	0.0787	0.7205	0.0207	0.5817	0.1562	0.3462	0.6769	0.0704
1.7	0.0582	0.7352	0.0782	0.6114	0.2766	0.3357	0.5619	0.3571
1.8	0.0399	0.7700	0.3011	0.6253	0.6112	0.4857	0.6554	0.5469
1.9	0.0323	0.8120	0.5470	0.7678	0.7064	0.6345	0.7626	0.6534
2.0	0.0399	0.8712	0.7461	0.8405	0.8465	0.6754	0.8319	0.8278
2.1	0.0395	0.6780	0.2228	0.8246	0.7146	0.3545	0.8726	0.7102
2.2	0.0748	0.7710	0.3339	0.9161	0.7687	0.2442	0.9046	0.7867
2.3	0.1297	0.6393	0.4536	0.9117	0.5578	0.3395	0.9146	0.5725
2.4	0.1475	0.3349	0.3258	0.8670	0.3530	0.4934	0.8841	0.3571
2.5	0.1975	0.5888	0.6298	0.8556	0.6434	0.6970	0.9335	0.6441
2.6	0.1617	0.6853	0.7486	0.9064	0.8022	0.5327	0.9406	0.8077
2.7	0.2017	0.6876	0.7614	0.9155	0.8599	0.4847	0.9497	0.8525
2.8	0.1558	0.5351	0.5609	0.8868	0.7694	0.3304	0.9370	0.7442
2.9	0.1909	0.3007	0.3922	0.8739	0.6672	0.2790	0.9337	0.7207
3.0	0.2673	0.3334	0.2734	0.8932	0.5993	0.2148	0.9555	0.7286
3.1	0.1832	0.3473	0.0823	0.8836	0.3271	0.1769	0.9518	0.5525
3.2	0.1512	0.2862	0.2619	0.8858	0.4212	0.1686	0.9396	0.4614
3.3	0.1749	0.1909	0.0179	0.8944	0.5822	0.3524	0.9600	0.6636
3.4	0.1227	0.0441	0.0855	0.8842	0.5756	0.2738	0.9423	0.6696
3.5	0.0846	0.0180	0.0916	0.8377	0.2130	0.1889	0.9075	0.5730
3.6	0.0207	0.0366	0.0873	0.6770	0.0974	0.0321	0.8135	0.2935
3.7	0.1877	0.3321	0.1196	0.8929	0.0899	0.1025	0.9590	0.4023
3.8	0.6609	0.7856	0.3733	0.9841	0.5882	0.4188	0.9938	0.8675
3.9	0.8475	0.8299	0.2226	0.9936	0.7969	0.6371	0.9974	0.9405
4.0	0.8831	0.7618	0.1804	0.9962	0.8886	0.7959	0.9978	0.9664
4.1	0.8844	0.7203	0.0477	0.9957	0.8914	0.8664	0.9977	0.9745
4.2	0.8098	0.6175	0.0789	0.9938	0.7718	0.7760	0.9962	0.9482
4.3	0.7647	0.3919	0.2129	0.9920	0.5882	0.6547	0.9954	0.9123
4.4	0.7604	0.0248	0.5764	0.9922	0.4991	0.6921	0.9952	0.9107
4.5	0.7720	0.1011	0.7458	0.9918	0.4478	0.6474	0.9959	0.9077
4.6	0.7131	0.2647	0.7909	0.9920	0.3706	0.5631	0.9965	0.8959
4.7	0.6639	0.3264	0.7747	0.9855	0.2983	0.6418	0.9916	0.8357
4.8	0.5982	0.3094	0.8121	0.9790	0.2149	0.5782	0.9901	0.8073
4.9	0.4854	0.1201	0.6628	0.9683	0.2387	0.4612	0.9835	0.8062
5.0	0.7727	0.0376	0.3839	0.9891	0.4615	0.3279	0.9945	0.9375
5.1	0.8425	0.0680	0.7312	0.9943	0.5623	0.4993	0.9957	0.9593
5.2	0.7744	0.3360	0.8061	0.9911	0.6208	0.3575	0.9939	0.9551
5.3	0.7172	0.6125	0.7677	0.9887	0.5320	0.0763	0.9935	0.9352
5.4	0.6234	0.6839	0.7131	0.9675	0.2357	0.0921	0.9750	0.7935
5.5	0.4188	0.6934	0.6640	0.9500	0.2109	0.2639	0.9619	0.6107
5.6	0.4099	0.7418	0.7783	0.9737	0.3283	0.2873	0.9810	0.5923
5.7	0.7484	0.8573	0.8283	0.9893	0.5393	0.2915	0.9894	0.8600
5.8	0.9125	0.9313	0.9457	0.9954	0.7496	0.4242	0.9953	0.9616
5.9	0.9534	0.9371	0.9727	0.9967	0.8265	0.5158	0.9960	0.9741
6.0	0.9700	0.9204	0.9723	0.9954	0.8097	0.6402	0.9946	0.9872
6.1	0.9874	0.9690	0.9886	0.9969	0.9077	0.8333	0.9962	0.9913
6.2	0.9912	0.9742	0.9924	0.9962	0.9393	0.9014	0.9956	0.9901
6.3	0.9914	0.9793	0.9889	0.9951	0.9421	0.8958	0.9944	0.9885
6.4	0.9916	0.9796	0.9873	0.9946	0.9557	0.9412	0.9939	0.9899
6.5	0.9917	0.9744	0.9839	0.9939	0.9451	0.9308	0.9926	0.9890
6.6	0.9916	0.9657	0.9759	0.9910	0.9102	0.8809	0.9893	0.9843
6.7	0.9874	0.9625	0.9666	0.9854	0.9195	0.7829	0.9832	0.9763
6.8	0.9858	0.9541	0.9588	0.9785	0.9339	0.6974	0.9755	0.9681
6.9	0.9802	0.9450	0.9501	0.9700	0.9197	0.7434	0.9664	0.9590
7.0	0.9725	0.9349	0.9396	0.9578	0.8989	0.8464	0.9541	0.9473
7.1	0.9265	0.8694	0.8723	0.8920	0.8251	0.6986	0.8878	0.8791
7.2	0.9227	0.9145	0.9159	0.9100	0.8595	0.4831	0.9103	0.9099
7.3	0.9312	0.9470	0.9513	0.9413	0.9165	0.1466	0.9429	0.9467
7.4	0.8872	0.9488	0.9484	0.9359	0.9361	0.4327	0.9393	0.9458
7.5	0.8212	0.9635	0.9605	0.9400	0.9356	0.7692	0.9463	0.9578
7.6	0.7469	0.9810	0.9782	0.9515	0.9184	0.8161	0.9611	0.9747
7.7	0.8925	0.9952	0.9951	0.9819	0.9270	0.9034	0.9873	0.9934
7.8	0.9411	0.9982	0.9981	0.9938	0.9231	0.9347	0.9965	0.9976
7.9	0.9563	0.9963	0.9954	0.9940	0.9253	0.9378	0.9960	0.9936

8.0	0.9639	0.9954	0.9944	0.9826	0.9424	0.8467	0.9899	0.9937
8.1	0.9758	0.9980	0.9979	0.9935	0.9481	0.9066	0.9974	0.9973
8.2	0.9765	0.9985	0.9984	0.9952	0.9475	0.9581	0.9982	0.9974
8.3	0.9727	0.9978	0.9978	0.9862	0.9253	0.9627	0.9960	0.9973
8.4	0.9816	0.9983	0.9984	0.9855	0.9072	0.9682	0.9975	0.9982
8.5	0.9797	0.9972	0.9968	0.9670	0.8896	0.9572	0.9958	0.9969
8.6	0.9831	0.9979	0.9973	0.9635	0.9120	0.9559	0.9967	0.9969
8.7	0.9796	0.9945	0.9935	0.9414	0.8893	0.9275	0.9964	0.9930
8.8	0.9784	0.9939	0.9930	0.9709	0.9097	0.9115	0.9976	0.9934
8.9	0.9821	0.9924	0.9902	0.9666	0.9320	0.9339	0.9964	0.9899
9.0	0.9839	0.9821	0.9776	0.9625	0.9280	0.9036	0.9953	0.9767
9.1	0.9855	0.9842	0.9813	0.9678	0.9085	0.8923	0.9895	0.9799
9.2	0.9781	0.9459	0.9397	0.9142	0.9080	0.8838	0.9753	0.9413
9.3	0.9741	0.9347	0.9306	0.9330	0.9205	0.8585	0.9817	0.9291
9.4	0.9766	0.9458	0.9459	0.9591	0.9538	0.8314	0.9909	0.9413
9.5	0.9760	0.9558	0.9581	0.9737	0.9416	0.8215	0.9944	0.9553
9.6	0.9695	0.9663	0.9713	0.9841	0.9367	0.6954	0.9967	0.9671
9.7	0.9744	0.9509	0.9644	0.9823	0.9244	0.5159	0.9964	0.9562
9.8	0.9863	0.9727	0.9852	0.9926	0.9248	0.4134	0.9976	0.9809
9.9	0.9901	0.9796	0.9898	0.9953	0.9416	0.3638	0.9987	0.9859
10.0	0.9900	0.9776	0.9915	0.9960	0.9297	0.2972	0.9989	0.9853
10.1	0.9866	0.9564	0.9899	0.9947	0.9358	0.3975	0.9984	0.9833
10.2	0.9872	0.9668	0.9926	0.9969	0.9270	0.4407	0.9985	0.9900
10.3	0.9869	0.9732	0.9951	0.9976	0.9046	0.4178	0.9988	0.9909
10.4	0.9885	0.9767	0.9952	0.9987	0.9048	0.4797	0.9993	0.9935
10.5	0.9873	0.9837	0.9925	0.9985	0.9141	0.5116	0.9992	0.9925
10.6	0.9892	0.9846	0.9926	0.9987	0.9347	0.6463	0.9992	0.9942
10.7	0.9860	0.9689	0.9854	0.9961	0.9148	0.5903	0.9984	0.9875
10.8	0.9908	0.9784	0.9902	0.9971	0.9469	0.7710	0.9992	0.9923
10.9	0.9931	0.9777	0.9861	0.9972	0.9440	0.8274	0.9991	0.9900
11.0	0.9913	0.9782	0.9836	0.9970	0.9456	0.8261	0.9989	0.9888
11.1	0.9875	0.9784	0.9679	0.9958	0.9090	0.7793	0.9987	0.9863
11.2	0.9902	0.9850	0.9665	0.9962	0.9403	0.8281	0.9992	0.9856
11.3	0.9926	0.9881	0.9565	0.9970	0.9432	0.8763	0.9994	0.9870
11.4	0.9918	0.9897	0.9442	0.9953	0.9389	0.8773	0.9991	0.9818
11.5	0.9922	0.9893	0.9195	0.9956	0.9513	0.8857	0.9990	0.9810
11.6	0.9919	0.9849	0.8515	0.9941	0.9397	0.8682	0.9987	0.9718
11.7	0.9940	0.9918	0.7969	0.9939	0.9488	0.9041	0.9988	0.9657
11.8	0.9929	0.9897	0.7050	0.9913	0.9439	0.9018	0.9987	0.9485
11.9	0.9936	0.9908	0.6970	0.9850	0.9422	0.8915	0.9982	0.9391
12.0	0.9955	0.9897	0.6750	0.9857	0.9459	0.8990	0.9981	0.9366
12.1	0.9936	0.9896	0.6510	0.9756	0.9460	0.8821	0.9967	0.9192
12.2	0.9943	0.9938	0.7553	0.9869	0.9631	0.9179	0.9983	0.9386
12.3	0.9954	0.9940	0.7775	0.9913	0.9652	0.9152	0.9980	0.9481
12.4	0.9944	0.9918	0.7091	0.9895	0.9648	0.9156	0.9974	0.9555
12.5	0.9937	0.9904	0.6979	0.9886	0.9704	0.9292	0.9979	0.9622
12.6	0.9947	0.9931	0.8079	0.9935	0.9687	0.9449	0.9982	0.9746
12.7	0.9958	0.9928	0.8542	0.9966	0.9716	0.9482	0.9989	0.9763
12.8	0.9961	0.9917	0.8387	0.9956	0.9801	0.9440	0.9988	0.9755
12.9	0.9953	0.9910	0.8756	0.9941	0.9822	0.9476	0.9987	0.9702
13.0	0.9937	0.9907	0.8866	0.9878	0.9775	0.9450	0.9977	0.9657
13.1	0.9941	0.9893	0.8939	0.9853	0.9789	0.9393	0.9969	0.9681
13.2	0.9955	0.9908	0.9185	0.9778	0.9795	0.9523	0.9954	0.9749
13.3	0.9955	0.9877	0.9369	0.9763	0.9792	0.9490	0.9938	0.9725
13.4	0.9952	0.9825	0.9290	0.9807	0.9735	0.9480	0.9921	0.9517
13.5	0.9946	0.9690	0.9081	0.9820	0.9704	0.9215	0.9911	0.8584
13.6	0.9940	0.9676	0.9178	0.9790	0.9767	0.9247	0.9906	0.7314
13.7	0.9952	0.9682	0.9358	0.9848	0.9812	0.9287	0.9915	0.7911
13.8	0.9955	0.9728	0.9531	0.9856	0.9828	0.9301	0.9927	0.8780
13.9	0.9960	0.9817	0.9672	0.9871	0.9811	0.9436	0.9953	0.9084
14.0	0.9967	0.9845	0.9811	0.9891	0.9870	0.9617	0.9947	0.9597
14.1	0.9965	0.9855	0.9756	0.9900	0.9745	0.9544	0.9951	0.9641
14.2	0.9955	0.9712	0.9621	0.9838	0.9531	0.9509	0.9937	0.9482
14.3	0.9939	0.9492	0.9364	0.9745	0.9292	0.9317	0.9903	0.9349
14.4	0.9947	0.9432	0.9265	0.9698	0.9180	0.8959	0.9905	0.9377
14.5	0.9958	0.9361	0.9084	0.9631	0.9109	0.8707	0.9879	0.9321
14.6	0.9966	0.9511	0.9247	0.9608	0.9230	0.8075	0.9886	0.9381
14.7	0.9966	0.9732	0.9595	0.9721	0.9548	0.8358	0.9921	0.9656
14.8	0.9965	0.9807	0.9738	0.9764	0.9630	0.8055	0.9925	0.9650
14.9	0.9976	0.9822	0.9823	0.9825	0.9630	0.7699	0.9925	0.9720
15.0	0.9977	0.9895	0.9895	0.9907	0.9758	0.8170	0.9953	0.9828
15.1	0.9968	0.9863	0.9912	0.9873	0.9658	0.7397	0.9934	0.9768
15.2	0.9974	0.9898	0.9913	0.9770	0.9635	0.6995	0.9932	0.9691
15.3	0.9969	0.9905	0.9879	0.9566	0.9533	0.6045	0.9912	0.9425
15.4	0.9965	0.9926	0.9928	0.9574	0.9573	0.5441	0.9930	0.9508
15.5	0.9967	0.9935	0.9914	0.9363	0.9491	0.4782	0.9930	0.9278
15.6	0.9968	0.9950	0.9910	0.9339	0.9458	0.4390	0.9918	0.9392
15.7	0.9974	0.9955	0.9932	0.9361	0.9499	0.4149	0.9915	0.9405
15.8	0.9974	0.9961	0.9925	0.9396	0.9396	0.4524	0.9893	0.9098
15.9	0.9981	0.9974	0.9935	0.9623	0.9595	0.5392	0.9911	0.9128
16.0	0.9984	0.9966	0.9939	0.9677	0.9633	0.6188	0.9910	0.9276
16.1	0.9980	0.9964	0.9931	0.9789	0.9487	0.5085	0.9912	0.9357
16.2	0.9981	0.9964	0.9942	0.9787	0.9436	0.5097	0.9899	0.9412
16.3	0.9978	0.9968	0.9931	0.9806	0.9307	0.6325	0.9890	0.9537
16.4	0.9982	0.9968	0.9935	0.9822	0.9553	0.6298	0.9869	0.9497
16.5	0.9982	0.9975	0.9913	0.9855	0.9678	0.5674	0.9858	0.9493

16.6	0.9983	0.9977	0.9906	0.9911	0.9693	0.5600	0.9906	0.9551
16.7	0.9984	0.9968	0.9875	0.9929	0.9670	0.5370	0.9914	0.9441
16.8	0.9981	0.9949	0.9879	0.9921	0.9658	0.3723	0.9873	0.9135
16.9	0.9972	0.9950	0.9921	0.9917	0.9514	0.2694	0.9882	0.8698
17.0	0.9981	0.9976	0.9925	0.9933	0.9703	0.4472	0.9887	0.9226
17.1	0.9978	0.9966	0.9764	0.9942	0.9594	0.4670	0.9869	0.8914
17.2	0.9973	0.9960	0.9781	0.9915	0.9597	0.4106	0.9843	0.8417
17.3	0.9981	0.9976	0.9881	0.9922	0.9678	0.3195	0.9866	0.8714
17.4	0.9988	0.9970	0.9896	0.9959	0.9666	0.2067	0.9918	0.8893
17.5	0.9986	0.9978	0.9900	0.9959	0.9766	0.3600	0.9926	0.8756
17.6	0.9980	0.9972	0.9916	0.9941	0.9700	0.4756	0.9899	0.8723
17.7	0.9979	0.9973	0.9909	0.9941	0.9697	0.6229	0.9875	0.8653
17.8	0.9978	0.9967	0.9902	0.9925	0.9662	0.5598	0.9831	0.8459
17.9	0.9980	0.9958	0.9868	0.9940	0.9729	0.6867	0.9829	0.8714
18.0	0.9980	0.9956	0.9886	0.9948	0.9713	0.6945	0.9878	0.8745
18.1	0.9979	0.9950	0.9870	0.9962	0.9698	0.7018	0.9917	0.8889
18.2	0.9983	0.9956	0.9869	0.9965	0.9626	0.6428	0.9923	0.9155
18.3	0.9986	0.9957	0.9902	0.9978	0.9677	0.6428	0.9936	0.9418
18.4	0.9987	0.9957	0.9897	0.9957	0.9653	0.5980	0.9882	0.9208
18.5	0.9982	0.9909	0.9819	0.9771	0.9074	0.2309	0.9143	0.7739
18.6	0.9983	0.9888	0.9847	0.9729	0.9219	0.1905	0.9281	0.8609
18.7	0.9984	0.9907	0.9850	0.9871	0.9596	0.4509	0.9719	0.9419
18.8	0.9986	0.9940	0.9793	0.9947	0.9803	0.6295	0.9889	0.9577
18.9	0.9989	0.9957	0.9864	0.9978	0.9861	0.6109	0.9955	0.9793
19.0	0.9989	0.9944	0.9880	0.9981	0.9856	0.6636	0.9949	0.9815
19.1	0.9989	0.9952	0.9864	0.9980	0.9855	0.7292	0.9961	0.9776
19.2	0.9988	0.9945	0.9862	0.9978	0.9789	0.7627	0.9956	0.9746
19.3	0.9988	0.9963	0.9895	0.9983	0.9817	0.8278	0.9969	0.9821
19.4	0.9988	0.9955	0.9919	0.9977	0.9819	0.8493	0.9969	0.9790
19.5	0.9991	0.9957	0.9935	0.9971	0.9849	0.8789	0.9968	0.9782
19.6	0.9992	0.9963	0.9943	0.9985	0.9883	0.9135	0.9981	0.9866
19.7	0.9992	0.9957	0.9917	0.9982	0.9830	0.8902	0.9979	0.9835
19.8	0.9992	0.9946	0.9905	0.9985	0.9876	0.9037	0.9978	0.9868
19.9	0.9989	0.9940	0.9870	0.9980	0.9869	0.8390	0.9980	0.9826
20.0	0.9990	0.9934	0.9882	0.9979	0.9851	0.7252	0.9980	0.9802
20.1	0.9993	0.9949	0.9870	0.9982	0.9895	0.7601	0.9979	0.9892
20.2	0.9992	0.9963	0.9870	0.9978	0.9888	0.7328	0.9978	0.9900
20.3	0.9992	0.9966	0.9879	0.9979	0.9876	0.5854	0.9983	0.9870
20.4	0.9991	0.9958	0.9876	0.9976	0.9897	0.5770	0.9980	0.9834
20.5	0.9990	0.9937	0.9857	0.9961	0.9849	0.4478	0.9969	0.9790
20.6	0.9989	0.9950	0.9846	0.9954	0.9750	0.4198	0.9969	0.9735
20.7	0.9992	0.9951	0.9852	0.9973	0.9769	0.4647	0.9976	0.9777
20.8	0.9992	0.9946	0.9830	0.9971	0.9787	0.3678	0.9973	0.9776
20.9	0.9988	0.9960	0.9860	0.9961	0.9803	0.3204	0.9970	0.9675
21.0	0.9986	0.9957	0.9832	0.9960	0.9781	0.3274	0.9974	0.9696
21.1	0.9990	0.9945	0.9836	0.9965	0.9786	0.2940	0.9966	0.9613
21.2	0.9991	0.9940	0.9817	0.9964	0.9795	0.1683	0.9963	0.9662
21.3	0.9992	0.9944	0.9815	0.9960	0.9817	0.1308	0.9956	0.9610
21.4	0.9993	0.9956	0.9814	0.9944	0.9851	0.2150	0.9948	0.9534
21.5	0.9992	0.9957	0.9862	0.9959	0.9864	0.2770	0.9956	0.9605
21.6	0.9990	0.9950	0.9841	0.9961	0.9893	0.3186	0.9965	0.9649
21.7	0.9993	0.9932	0.9781	0.9939	0.9884	0.3225	0.9949	0.9481
21.8	0.9992	0.9935	0.9708	0.9944	0.9873	0.1603	0.9954	0.9598
21.9	0.9990	0.9939	0.9587	0.9957	0.9877	0.1141	0.9964	0.9675
22.0	0.9994	0.9945	0.9707	0.9960	0.9863	0.1832	0.9973	0.9793
22.1	0.9993	0.9933	0.9646	0.9957	0.9864	0.2557	0.9973	0.9801
22.2	0.9994	0.9950	0.9700	0.9957	0.9886	0.5183	0.9973	0.9852
22.3	0.9994	0.9947	0.9737	0.9938	0.9918	0.6928	0.9962	0.9809
22.4	0.9994	0.9933	0.9726	0.9931	0.9889	0.5952	0.9966	0.9832
22.5	0.9994	0.9901	0.9630	0.9907	0.9848	0.6154	0.9961	0.9815
22.6	0.9993	0.9910	0.9605	0.9882	0.9857	0.6994	0.9958	0.9835
22.7	0.9994	0.9929	0.9639	0.9882	0.9873	0.7570	0.9958	0.9817
22.8	0.9993	0.9937	0.9699	0.9851	0.9852	0.7370	0.9956	0.9837
22.9	0.9994	0.9933	0.9729	0.9809	0.9799	0.6954	0.9957	0.9861
23.0	0.9994	0.9929	0.9749	0.9865	0.9810	0.7173	0.9962	0.9896
23.1	0.9994	0.9931	0.9764	0.9833	0.9852	0.6869	0.9949	0.9876
23.2	0.9994	0.9939	0.9735	0.9853	0.9846	0.6976	0.9952	0.9914
23.3	0.9995	0.9932	0.9809	0.9900	0.9835	0.7488	0.9959	0.9921
23.4	0.9994	0.9930	0.9820	0.9882	0.9804	0.7933	0.9932	0.9907
23.5	0.9995	0.9937	0.9839	0.9916	0.9800	0.8481	0.9935	0.9911
23.6	0.9994	0.9921	0.9814	0.9914	0.9749	0.8670	0.9929	0.9912
23.7	0.9992	0.9897	0.9711	0.9890	0.9642	0.7437	0.9885	0.9868
23.8	0.9994	0.9910	0.9775	0.9917	0.9724	0.7685	0.9907	0.9895
23.9	0.9995	0.9939	0.9756	0.9945	0.9772	0.8011	0.9930	0.9906
24.0	0.9994	0.9920	0.9745	0.9933	0.9656	0.7732	0.9907	0.9885
24.1	0.9994	0.9939	0.9781	0.9941	0.9642	0.5674	0.9911	0.9873
24.2	0.9994	0.9930	0.9777	0.9957	0.9652	0.4912	0.9937	0.9863
24.3	0.9993	0.9915	0.9735	0.9948	0.9626	0.5409	0.9927	0.9881
24.4	0.9995	0.9914	0.9726	0.9952	0.9704	0.4672	0.9897	0.9910
24.5	0.9995	0.9916	0.9714	0.9955	0.9676	0.3137	0.9894	0.9910
24.6	0.9995	0.9926	0.9726	0.9962	0.9662	0.2924	0.9915	0.9928
24.7	0.9996	0.9932	0.9735	0.9969	0.9762	0.2506	0.9903	0.9923
24.8	0.9996	0.9930	0.9782	0.9972	0.9831	0.2926	0.9930	0.9921
24.9	0.9994	0.9925	0.9809	0.9967	0.9820	0.1529	0.9920	0.9937
25.0	0.9993	0.9889	0.9739	0.9959	0.9795	0.0704	0.9910	0.9934
25.1	0.9995	0.9873	0.9692	0.9959	0.9815	0.1277	0.9936	0.9941

25.2	0.9996	0.9901	0.9761	0.9974	0.9794	0.0759	0.9951	0.9941
25.3	0.9996	0.9931	0.9819	0.9977	0.9738	0.0835	0.9938	0.9895
25.4	0.9995	0.9939	0.9795	0.9973	0.9730	0.1777	0.9936	0.9849
25.5	0.9996	0.9922	0.9784	0.9972	0.9789	0.1338	0.9939	0.9884
25.6	0.9997	0.9908	0.9830	0.9978	0.9812	0.0581	0.9928	0.9886
25.7	0.9997	0.9940	0.9885	0.9981	0.9851	0.1019	0.9937	0.9892
25.8	0.9995	0.9903	0.9846	0.9974	0.9898	0.0213	0.9950	0.9943
25.9	0.9996	0.9901	0.9809	0.9978	0.9885	0.1099	0.9963	0.9948
26.0	0.9995	0.9902	0.9783	0.9972	0.9864	0.4012	0.9949	0.9923
26.1	0.9996	0.9886	0.9788	0.9982	0.9922	0.3792	0.9961	0.9958
26.2	0.9997	0.9887	0.9763	0.9984	0.9942	0.4237	0.9969	0.9972
26.3	0.9997	0.9900	0.9728	0.9981	0.9941	0.4772	0.9965	0.9967
26.4	0.9996	0.9886	0.9749	0.9981	0.9955	0.6023	0.9974	0.9967
26.5	0.9995	0.9880	0.9807	0.9980	0.9936	0.6569	0.9962	0.9968
26.6	0.9995	0.9881	0.9778	0.9979	0.9919	0.7215	0.9963	0.9967
26.7	0.9997	0.9853	0.9764	0.9980	0.9932	0.7548	0.9968	0.9971
26.8	0.9995	0.9818	0.9766	0.9974	0.9918	0.6933	0.9965	0.9965
26.9	0.9995	0.9844	0.9778	0.9972	0.9914	0.7356	0.9972	0.9978
27.0	0.9997	0.9906	0.9798	0.9980	0.9948	0.6677	0.9983	0.9977
27.1	0.9997	0.9911	0.9828	0.9978	0.9957	0.6338	0.9981	0.9977
27.2	0.9996	0.9865	0.9812	0.9973	0.9949	0.6631	0.9975	0.9972
27.3	0.9997	0.9880	0.9820	0.9979	0.9961	0.7137	0.9981	0.9982
27.4	0.9997	0.9876	0.9778	0.9973	0.9967	0.7255	0.9973	0.9981
27.5	0.9998	0.9901	0.9813	0.9982	0.9964	0.7513	0.9980	0.9985
27.6	0.9997	0.9899	0.9806	0.9981	0.9957	0.7180	0.9985	0.9984
27.7	0.9996	0.9847	0.9806	0.9978	0.9946	0.7745	0.9978	0.9980
27.8	0.9997	0.9855	0.9846	0.9983	0.9969	0.7797	0.9980	0.9984
27.9	0.9998	0.9855	0.9868	0.9982	0.9971	0.7551	0.9979	0.9983
28.0	0.9997	0.9812	0.9792	0.9974	0.9964	0.6772	0.9964	0.9979
28.1	0.9996	0.9817	0.9771	0.9971	0.9961	0.6054	0.9959	0.9983
28.2	0.9996	0.9788	0.9809	0.9972	0.9931	0.6082	0.9965	0.9966
28.3	0.9997	0.9811	0.9839	0.9982	0.9944	0.7141	0.9982	0.9968
28.4	0.9997	0.9829	0.9859	0.9986	0.9960	0.8030	0.9985	0.9982
28.5	0.9998	0.9867	0.9872	0.9982	0.9971	0.7947	0.9978	0.9983
28.6	0.9997	0.9877	0.9882	0.9982	0.9969	0.7933	0.9979	0.9984
28.7	0.9997	0.9821	0.9849	0.9983	0.9969	0.7531	0.9970	0.9976
28.8	0.9997	0.9799	0.9831	0.9983	0.9963	0.7846	0.9979	0.9975
28.9	0.9998	0.9847	0.9862	0.9978	0.9974	0.8338	0.9977	0.9971
29.0	0.9997	0.9824	0.9833	0.9980	0.9963	0.8712	0.9968	0.9973
29.1	0.9997	0.9826	0.9833	0.9977	0.9956	0.8569	0.9972	0.9973
29.2	0.9998	0.9849	0.9873	0.9983	0.9960	0.8695	0.9977	0.9968
29.3	0.9998	0.9815	0.9852	0.9990	0.9964	0.8398	0.9982	0.9970
29.4	0.9998	0.9740	0.9817	0.9980	0.9943	0.8415	0.9958	0.9953
29.5	0.9997	0.9790	0.9860	0.9977	0.9942	0.8263	0.9969	0.9957
29.6	0.9998	0.9794	0.9850	0.9985	0.9950	0.8416	0.9976	0.9968
29.7	0.9998	0.9757	0.9845	0.9985	0.9957	0.8354	0.9976	0.9969
29.8	0.9997	0.9714	0.9808	0.9981	0.9950	0.8570	0.9975	0.9958
29.9	0.9996	0.9622	0.9795	0.9924	0.9897	0.6286	0.9888	0.9915
30.0	0.9997	0.9681	0.9828	0.9965	0.9946	0.7544	0.9956	0.9958
30.1	0.9998	0.9713	0.9845	0.9984	0.9953	0.8146	0.9980	0.9957
30.2	0.9998	0.9669	0.9851	0.9983	0.9968	0.8147	0.9983	0.9958
30.3	0.9998	0.9688	0.9847	0.9982	0.9965	0.7728	0.9986	0.9968
30.4	0.9998	0.9735	0.9854	0.9979	0.9946	0.8074	0.9988	0.9969
30.5	0.9998	0.9741	0.9880	0.9984	0.9946	0.8513	0.9984	0.9968
30.6	0.9998	0.9656	0.9820	0.9986	0.9933	0.8070	0.9976	0.9963
30.7	0.9998	0.9600	0.9831	0.9980	0.9920	0.7046	0.9970	0.9946
30.8	0.9998	0.9670	0.9886	0.9979	0.9932	0.7190	0.9974	0.9949
30.9	0.9998	0.9631	0.9875	0.9983	0.9936	0.7717	0.9984	0.9960
31.0	0.9998	0.9605	0.9857	0.9975	0.9920	0.8187	0.9974	0.9941
31.1	0.9998	0.9517	0.9822	0.9970	0.9860	0.7830	0.9966	0.9907
31.2	0.9998	0.9630	0.9858	0.9983	0.9896	0.8090	0.9979	0.9929
31.3	0.9998	0.9641	0.9866	0.9981	0.9913	0.8324	0.9980	0.9953
31.4	0.9998	0.9501	0.9811	0.9972	0.9877	0.7680	0.9967	0.9917
31.5	0.9998	0.9567	0.9861	0.9980	0.9873	0.8078	0.9972	0.9927
31.6	0.9998	0.9554	0.9837	0.9978	0.9858	0.7999	0.9973	0.9934
31.7	0.9998	0.9495	0.9805	0.9972	0.9839	0.8053	0.9961	0.9926
31.8	0.9997	0.9065	0.9680	0.9951	0.9755	0.7912	0.9916	0.9882
31.9	0.9998	0.9465	0.9860	0.9969	0.9868	0.8639	0.9958	0.9912
32.0	0.9998	0.9603	0.9897	0.9972	0.9893	0.8801	0.9964	0.9941
32.1	0.9998	0.9480	0.9856	0.9965	0.9857	0.8655	0.9960	0.9920
32.2	0.9998	0.9407	0.9850	0.9971	0.9861	0.8590	0.9951	0.9919
32.3	0.9997	0.9482	0.9864	0.9968	0.9855	0.8583	0.9945	0.9930
32.4	0.9997	0.9268	0.9766	0.9968	0.9848	0.8528	0.9946	0.9891
32.5	0.9997	0.9321	0.9821	0.9973	0.9865	0.9060	0.9954	0.9927
32.6	0.9999	0.9659	0.9898	0.9984	0.9901	0.9315	0.9969	0.9957
32.7	0.9998	0.9542	0.9863	0.9981	0.9891	0.9282	0.9959	0.9957
32.8	0.9998	0.9591	0.9870	0.9980	0.9917	0.9126	0.9958	0.9959
32.9	0.9999	0.9680	0.9900	0.9981	0.9927	0.9126	0.9957	0.9959
33.0	0.9998	0.9554	0.9888	0.9980	0.9913	0.9007	0.9945	0.9943
33.1	0.9999	0.9455	0.9875	0.9985	0.9956	0.9221	0.9971	0.9969
33.2	0.9998	0.9310	0.9868	0.9981	0.9921	0.9264	0.9956	0.9947
33.3	0.9998	0.9211	0.9853	0.9974	0.9894	0.8993	0.9945	0.9915
33.4	0.9998	0.9279	0.9893	0.9987	0.9925	0.9185	0.9975	0.9948
33.5	0.9998	0.9159	0.9881	0.9984	0.9908	0.9235	0.9962	0.9924
33.6	0.9999	0.9345	0.9899	0.9987	0.9953	0.9600	0.9984	0.9970
33.7	0.9998	0.9269	0.9875	0.9988	0.9922	0.9577	0.9981	0.9965

33.8	0.9998	0.9011	0.9879	0.9991	0.9946	0.9564	0.9988	0.9974
33.9	0.9998	0.8858	0.9844	0.9988	0.9963	0.9510	0.9983	0.9970
34.0	0.9999	0.8876	0.9841	0.9989	0.9958	0.9484	0.9986	0.9965
34.1	0.9999	0.9103	0.9831	0.9988	0.9963	0.9374	0.9990	0.9968
34.2	0.9998	0.9198	0.9849	0.9988	0.9970	0.9286	0.9992	0.9976
34.3	0.9998	0.9222	0.9840	0.9986	0.9961	0.9347	0.9990	0.9971
34.4	0.9999	0.9003	0.9799	0.9985	0.9954	0.9394	0.9987	0.9962
34.5	0.9998	0.9096	0.9807	0.9986	0.9959	0.9412	0.9992	0.9969
34.6	0.9999	0.9186	0.9800	0.9985	0.9952	0.9543	0.9989	0.9965
34.7	0.9998	0.9292	0.9830	0.9980	0.9949	0.9665	0.9986	0.9959
34.8	0.9999	0.9276	0.9848	0.9989	0.9963	0.9775	0.9991	0.9966
34.9	0.9999	0.9269	0.9838	0.9989	0.9958	0.9863	0.9992	0.9967
35.0	0.9999	0.9200	0.9862	0.9988	0.9956	0.9864	0.9991	0.9966
35.1	0.9998	0.8977	0.9816	0.9988	0.9952	0.9850	0.9991	0.9957
35.2	0.9999	0.8843	0.9784	0.9993	0.9951	0.9862	0.9990	0.9948
35.3	0.9998	0.8663	0.9800	0.9984	0.9913	0.9848	0.9981	0.9908
35.4	0.9999	0.9335	0.9842	0.9991	0.9961	0.9918	0.9992	0.9960
35.5	0.9999	0.9340	0.9838	0.9992	0.9972	0.9926	0.9994	0.9971
35.6	0.9999	0.9258	0.9805	0.9992	0.9964	0.9909	0.9993	0.9961
35.7	0.9999	0.9227	0.9799	0.9992	0.9975	0.9938	0.9994	0.9971
35.8	0.9999	0.9216	0.9771	0.9990	0.9971	0.9936	0.9992	0.9962
35.9	0.9999	0.9355	0.9829	0.9991	0.9971	0.9948	0.9993	0.9964
36.0	0.9999	0.9176	0.9788	0.9990	0.9959	0.9928	0.9990	0.9957
36.1	0.9999	0.8981	0.9656	0.9988	0.9947	0.9935	0.9989	0.9948
36.2	0.9998	0.8843	0.9542	0.9988	0.9949	0.9921	0.9987	0.9952
36.3	0.9998	0.9019	0.9605	0.9990	0.9968	0.9940	0.9991	0.9965
36.4	0.9998	0.9316	0.9625	0.9989	0.9956	0.9935	0.9990	0.9958
36.5	0.9999	0.9478	0.9706	0.9990	0.9966	0.9949	0.9993	0.9958
36.6	0.9999	0.9280	0.9677	0.9991	0.9968	0.9949	0.9993	0.9961
36.7	0.9999	0.8944	0.9572	0.9990	0.9968	0.9950	0.9993	0.9966
36.8	0.9999	0.8993	0.9563	0.9992	0.9972	0.9951	0.9995	0.9974
36.9	0.9999	0.9149	0.9629	0.9991	0.9959	0.9954	0.9994	0.9952
37.0	0.9999	0.9494	0.9736	0.9994	0.9971	0.9971	0.9997	0.9966
37.1	0.9999	0.9262	0.9607	0.9992	0.9962	0.9945	0.9994	0.9956
37.2	0.9999	0.9171	0.9601	0.9991	0.9959	0.9939	0.9994	0.9955
37.3	0.9998	0.9177	0.9524	0.9991	0.9948	0.9913	0.9994	0.9950
37.4	0.9999	0.8959	0.9436	0.9990	0.9957	0.9926	0.9995	0.9955
37.5	0.9998	0.9133	0.9470	0.9989	0.9940	0.9920	0.9995	0.9940
37.6	0.9998	0.9296	0.9551	0.9988	0.9963	0.9918	0.9996	0.9960
37.7	0.9999	0.9079	0.9378	0.9989	0.9966	0.9918	0.9994	0.9967
37.8	0.9999	0.9175	0.9353	0.9989	0.9968	0.9907	0.9994	0.9967
37.9	0.9998	0.9271	0.9342	0.9985	0.9960	0.9837	0.9989	0.9953
38.0	0.9999	0.9532	0.9518	0.9992	0.9964	0.9873	0.9994	0.9958
38.1	0.9999	0.9397	0.9354	0.9990	0.9960	0.9843	0.9992	0.9956
38.2	0.9999	0.9346	0.9380	0.9991	0.9977	0.9925	0.9994	0.9965
38.3	0.9998	0.9445	0.9411	0.9986	0.9973	0.9885	0.9995	0.9950
38.4	0.9999	0.9436	0.9228	0.9988	0.9970	0.9889	0.9996	0.9932
38.5	0.9999	0.9197	0.9011	0.9987	0.9974	0.9889	0.9996	0.9936
38.6	0.9998	0.9243	0.8800	0.9986	0.9965	0.9824	0.9996	0.9926
38.7	0.9998	0.9384	0.8752	0.9991	0.9973	0.9820	0.9995	0.9945
38.8	0.9998	0.9471	0.8832	0.9991	0.9975	0.9820	0.9996	0.9949
38.9	0.9999	0.9559	0.8779	0.9989	0.9976	0.9815	0.9997	0.9954
39.0	0.9998	0.9498	0.8444	0.9987	0.9966	0.9706	0.9996	0.9939
39.1	0.9998	0.9567	0.8454	0.9991	0.9969	0.9714	0.9998	0.9942
39.2	0.9998	0.9557	0.8172	0.9991	0.9962	0.9527	0.9998	0.9929
39.3	0.9999	0.9597	0.8327	0.9987	0.9973	0.9477	0.9997	0.9944
39.4	0.9998	0.9411	0.6939	0.9986	0.9964	0.9192	0.9995	0.9935
39.5	0.9998	0.9535	0.7285	0.9989	0.9962	0.9457	0.9996	0.9938
39.6	0.9998	0.9648	0.7650	0.9988	0.9952	0.9472	0.9995	0.9912
39.7	0.9998	0.9443	0.5969	0.9986	0.9952	0.9491	0.9994	0.9918
39.8	0.9998	0.9405	0.6206	0.9986	0.9962	0.9464	0.9994	0.9941
39.9	0.9998	0.9331	0.6749	0.9982	0.9958	0.9415	0.9994	0.9928
40.0	0.9998	0.9430	0.7107	0.9986	0.9964	0.9687	0.9995	0.9939
40.1	0.9998	0.9374	0.7591	0.9985	0.9964	0.9663	0.9995	0.9937
40.2	0.9998	0.9488	0.8413	0.9984	0.9966	0.9706	0.9995	0.9942
40.3	0.9998	0.9471	0.8586	0.9980	0.9977	0.9744	0.9995	0.9956
40.4	0.9997	0.9290	0.8333	0.9984	0.9973	0.9743	0.9995	0.9943
40.5	0.9997	0.9365	0.8726	0.9983	0.9978	0.9793	0.9996	0.9958
40.6	0.9998	0.9363	0.8859	0.9978	0.9977	0.9793	0.9993	0.9951
40.7	0.9997	0.9118	0.8536	0.9972	0.9963	0.9780	0.9990	0.9922
40.8	0.9997	0.9274	0.8800	0.9982	0.9972	0.9820	0.9992	0.9936
40.9	0.9998	0.9360	0.9063	0.9987	0.9984	0.9833	0.9993	0.9955
41.0	0.9997	0.9197	0.8962	0.9983	0.9974	0.9774	0.9992	0.9949
41.1	0.9996	0.9089	0.8934	0.9977	0.9970	0.9778	0.9992	0.9924
41.2	0.9997	0.9276	0.9159	0.9988	0.9974	0.9833	0.9993	0.9952
41.3	0.9997	0.9100	0.9020	0.9983	0.9974	0.9787	0.9990	0.9949
41.4	0.9997	0.9021	0.9009	0.9976	0.9972	0.9711	0.9984	0.9940
41.5	0.9996	0.9104	0.9118	0.9980	0.9975	0.9745	0.9988	0.9958
41.6	0.9996	0.9153	0.9286	0.9968	0.9978	0.9741	0.9988	0.9953
41.7	0.9996	0.9228	0.9392	0.9969	0.9975	0.9750	0.9988	0.9945
41.8	0.9997	0.9322	0.9430	0.9964	0.9964	0.9815	0.9982	0.9919
41.9	0.9996	0.9269	0.9337	0.9955	0.9963	0.9785	0.9975	0.9913
42.0	0.9996	0.9109	0.9193	0.9974	0.9976	0.9717	0.9985	0.9931
42.1	0.9995	0.8928	0.9086	0.9980	0.9978	0.9680	0.9987	0.9953
42.2	0.9994	0.9027	0.9174	0.9982	0.9981	0.9713	0.9990	0.9922
42.3	0.9993	0.9045	0.9127	0.9966	0.9969	0.9639	0.9983	0.9902

42.4	0.9991	0.8572	0.8696	0.9966	0.9967	0.9415	0.9980	0.9945
42.5	0.9993	0.8721	0.8915	0.9974	0.9970	0.9445	0.9987	0.9922
42.6	0.9992	0.8960	0.9092	0.9971	0.9967	0.9573	0.9990	0.9931
42.7	0.9994	0.9196	0.9259	0.9959	0.9934	0.9625	0.9975	0.9919
42.8	0.9992	0.8919	0.9119	0.9955	0.9929	0.9454	0.9967	0.9905
42.9	0.9990	0.9010	0.9156	0.9959	0.9950	0.9501	0.9970	0.9905
43.0	0.9990	0.9004	0.9080	0.9974	0.9943	0.9413	0.9980	0.9958
43.1	0.9993	0.9229	0.9341	0.9978	0.9945	0.9416	0.9985	0.9960
43.2	0.9993	0.9203	0.9335	0.9978	0.9960	0.9438	0.9990	0.9939
43.3	0.9993	0.9183	0.9375	0.9979	0.9930	0.9514	0.9986	0.9889
43.4	0.9992	0.9075	0.9273	0.9977	0.9916	0.9479	0.9981	0.9931
43.5	0.9989	0.8869	0.9054	0.9965	0.9893	0.9334	0.9962	0.9939
43.6	0.9983	0.8635	0.8814	0.9961	0.9899	0.9253	0.9955	0.9922
43.7	0.9984	0.8689	0.8873	0.9973	0.9939	0.9438	0.9977	0.9928
43.8	0.9981	0.8412	0.8731	0.9972	0.9945	0.9363	0.9979	0.9908
43.9	0.9985	0.8786	0.9067	0.9979	0.9941	0.9521	0.9983	0.9869
44.0	0.9979	0.8593	0.8962	0.9971	0.9927	0.9358	0.9979	0.9928
44.1	0.9967	0.8185	0.8598	0.9966	0.9884	0.9152	0.9972	0.9911
44.2	0.9953	0.7838	0.8237	0.9957	0.9840	0.8887	0.9958	0.9881
44.3	0.9955	0.7758	0.8233	0.9963	0.9847	0.8967	0.9966	0.9859
44.4	0.9965	0.8096	0.8571	0.9965	0.9822	0.9310	0.9968	0.9879
44.5	0.9957	0.8183	0.8592	0.9977	0.9826	0.9263	0.9977	0.9891
44.6	0.9932	0.7589	0.8059	0.9953	0.9713	0.8736	0.9952	0.9890
44.7	0.9935	0.8261	0.8555	0.9960	0.9665	0.9007	0.9962	0.9879
44.8	0.9942	0.8407	0.8720	0.9961	0.9677	0.8971	0.9965	0.9810
44.9	0.9908	0.7590	0.7979	0.9957	0.9598	0.8386	0.9956	0.9658
45.0	0.9871	0.7398	0.7694	0.9943	0.9248	0.8147	0.9933	0.9485
45.1	0.9852	0.7345	0.7640	0.9943	0.9030	0.7879	0.9924	0.9571
45.2	0.9856	0.7557	0.7813	0.9962	0.9287	0.8066	0.9942	0.9654
45.3	0.9799	0.6802	0.7094	0.9952	0.9164	0.7486	0.9913	0.9609
45.4	0.9775	0.6380	0.6703	0.9939	0.9246	0.7484	0.9909	0.9712
45.5	0.9789	0.6985	0.7164	0.9922	0.8913	0.7943	0.9885	0.9389
45.6	0.9734	0.6811	0.6964	0.9915	0.8739	0.7679	0.9862	0.9209
45.7	0.9577	0.6646	0.6674	0.9944	0.7377	0.7704	0.9797	0.8873
45.8	0.9629	0.6890	0.6978	0.9959	0.7303	0.7671	0.9814	0.8696
45.9	0.9739	0.7480	0.7611	0.9961	0.8222	0.8037	0.9855	0.8780
46.0	0.9806	0.8361	0.8368	0.9938	0.8485	0.8613	0.9876	0.8438
46.1	0.9662	0.7465	0.7438	0.9933	0.8000	0.8171	0.9791	0.7995
46.2	0.9598	0.7443	0.7355	0.9930	0.7954	0.8197	0.9807	0.8645
46.3	0.9426	0.6579	0.6482	0.9943	0.7620	0.7463	0.9791	0.8262
46.4	0.9529	0.7219	0.7134	0.9920	0.7544	0.7870	0.9801	0.6144
46.5	0.9524	0.7699	0.7589	0.9894	0.7139	0.8393	0.9847	0.2552
46.6	0.9501	0.7854	0.7752	0.9899	0.7258	0.8546	0.9887	0.3920
46.7	0.9476	0.7916	0.7828	0.9894	0.7440	0.8599	0.9945	0.6108
46.8	0.9354	0.7691	0.7520	0.9920	0.7987	0.8590	0.9946	0.7390
46.9	0.9430	0.7993	0.7772	0.9936	0.8406	0.8873	0.9956	0.7963
47.0	0.9455	0.7837	0.7588	0.9902	0.7880	0.8755	0.9961	0.7071
47.1	0.9353	0.7829	0.7590	0.9860	0.7895	0.8882	0.9959	0.8320
47.2	0.9438	0.8322	0.8121	0.9857	0.8623	0.9126	0.9970	0.9251
47.3	0.9449	0.8228	0.7998	0.9855	0.8353	0.8950	0.9973	0.9276
47.4	0.9229	0.7395	0.7077	0.9784	0.7998	0.8383	0.9982	0.9578
47.5	0.8991	0.6060	0.5696	0.9688	0.7653	0.7668	0.9980	0.9034
47.6	0.9349	0.7698	0.7429	0.9828	0.8557	0.8838	0.9980	0.6365
47.7	0.9339	0.7404	0.7082	0.9760	0.8481	0.8753	0.9986	0.4005
47.8	0.9515	0.8131	0.7832	0.9810	0.8004	0.9212	0.9981	0.7591
47.9	0.9577	0.8417	0.8151	0.9840	0.6497	0.9392	0.9975	0.8334
48.0	0.9638	0.8693	0.8479	0.9881	0.5768	0.9487	0.9987	0.8342
48.1	0.9615	0.8318	0.8063	0.9806	0.6338	0.9291	0.9986	0.8979
48.2	0.9530	0.7668	0.7349	0.9771	0.6086	0.9048	0.9980	0.9467
48.3	0.9583	0.7987	0.7629	0.9772	0.6261	0.9160	0.9981	0.9362
48.4	0.9587	0.8094	0.7933	0.9756	0.4106	0.9225	0.9972	0.9138
48.5	0.9636	0.7843	0.7591	0.9786	0.4713	0.9153	0.9973	0.8995
48.6	0.9772	0.8715	0.8471	0.9844	0.5867	0.9421	0.9983	0.8976
48.7	0.9856	0.9164	0.8945	0.9879	0.6152	0.9581	0.9988	0.9540
48.8	0.9815	0.8858	0.8585	0.9871	0.4478	0.9541	0.9986	0.9649
48.9	0.9697	0.8022	0.7659	0.9745	0.2347	0.9328	0.9977	0.9599
49.0	0.9764	0.8224	0.7875	0.9767	0.1669	0.9419	0.9976	0.9623
49.1	0.9752	0.8235	0.7909	0.9788	0.1422	0.9393	0.9966	0.9621
49.2	0.9849	0.8829	0.8474	0.9850	0.3873	0.9557	0.9981	0.9556
49.3	0.9933	0.9428	0.9156	0.9903	0.5162	0.9729	0.9987	0.9097
49.4	0.9802	0.8356	0.7882	0.9814	0.2210	0.9343	0.9974	0.8088
49.5	0.9682	0.7426	0.6929	0.9673	0.0406	0.8985	0.9957	0.8064
49.6	0.9584	0.6436	0.5836	0.9569	0.0675	0.8506	0.9933	0.7096
49.7	0.9713	0.7313	0.6792	0.9711	0.2206	0.8859	0.9935	0.4961
49.8	0.9905	0.8878	0.8596	0.9852	0.4457	0.9488	0.9971	0.6237
49.9	0.9945	0.9314	0.9009	0.9897	0.5685	0.9660	0.9981	0.8058
50.0	0.9834	0.8201	0.7682	0.9814	0.4401	0.9407	0.9955	0.8428
50.1	0.9862	0.8492	0.8035	0.9844	0.5618	0.9428	0.9966	0.8605
50.2	0.9796	0.7618	0.6892	0.9741	0.4058	0.9167	0.9950	0.7575
50.3	0.9859	0.8163	0.7448	0.9793	0.5872	0.9399	0.9967	0.7965
50.4	0.9925	0.8937	0.8368	0.9870	0.7691	0.9640	0.9973	0.8328
50.5	0.9983	0.9767	0.9499	0.9921	0.9088	0.9889	0.9982	0.9294
50.6	0.9923	0.9098	0.8697	0.9843	0.8059	0.9747	0.9963	0.8645
50.7	0.9874	0.8643	0.8102	0.9800	0.7731	0.9619	0.9951	0.8591
50.8	0.9911	0.8922	0.8561	0.9846	0.7955	0.9722	0.9959	0.8196
50.9	0.9792	0.8006	0.7566	0.9722	0.6812	0.9388	0.9913	0.7077

51.0	0.9765	0.7718	0.7258	0.9688	0.6407	0.9256	0.9898	0.7129
51.1	0.9964	0.9351	0.9115	0.9897	0.8266	0.9611	0.9963	0.8661
51.2	0.9926	0.8767	0.8357	0.9845	0.7463	0.9413	0.9953	0.8270
51.3	0.9925	0.8835	0.8516	0.9814	0.7506	0.9622	0.9956	0.7649
51.4	0.9920	0.8815	0.8509	0.9796	0.7499	0.9691	0.9952	0.7627
51.5	0.9958	0.9386	0.9132	0.9836	0.8100	0.9762	0.9960	0.8690
51.6	0.9970	0.9569	0.9404	0.9872	0.7861	0.9738	0.9959	0.8826
51.7	0.9976	0.9603	0.9437	0.9892	0.8315	0.9821	0.9969	0.8882
51.8	0.9987	0.9798	0.9588	0.9855	0.8324	0.9863	0.9965	0.8693
51.9	0.9985	0.9693	0.9500	0.9879	0.7832	0.9846	0.9972	0.8197
52.0	0.9986	0.9717	0.9614	0.9891	0.7723	0.9851	0.9973	0.6975
52.1	0.9985	0.9665	0.9507	0.9910	0.8204	0.9849	0.9982	0.7788
52.2	0.9977	0.9528	0.9290	0.9892	0.8249	0.9795	0.9982	0.6404
52.3	0.9987	0.9726	0.9600	0.9879	0.7352	0.9807	0.9977	0.6720
52.4	0.9975	0.9568	0.9327	0.9892	0.6171	0.9741	0.9975	0.6228
52.5	0.9976	0.9645	0.9480	0.9901	0.6778	0.9753	0.9975	0.3104
52.6	0.9989	0.9797	0.9577	0.9914	0.7913	0.9881	0.9981	0.0269
52.7	0.9987	0.9773	0.9519	0.9907	0.8067	0.9792	0.9978	0.2017
52.8	0.9988	0.9704	0.9458	0.9932	0.8127	0.9750	0.9982	0.1405
52.9	0.9976	0.9488	0.9194	0.9919	0.6867	0.9637	0.9973	0.2029
53.0	0.9993	0.9882	0.9714	0.9946	0.7847	0.9866	0.9982	0.4005
53.1	0.9983	0.9726	0.9489	0.9915	0.7168	0.9767	0.9977	0.4735
53.2	0.9989	0.9832	0.9616	0.9885	0.7073	0.9840	0.9985	0.5785
53.3	0.9990	0.9811	0.9599	0.9859	0.5120	0.9820	0.9974	0.3801
53.4	0.9988	0.9742	0.9513	0.9905	0.5659	0.9794	0.9984	0.1713
53.5	0.9986	0.9761	0.9464	0.9922	0.4656	0.9799	0.9986	0.2938
53.6	0.9992	0.9884	0.9692	0.9907	0.5849	0.9828	0.9985	0.5123
53.7	0.9993	0.9883	0.9725	0.9864	0.6314	0.9762	0.9976	0.2882
53.8	0.9990	0.9781	0.9571	0.9887	0.7217	0.9734	0.9985	0.0476
53.9	0.9990	0.9782	0.9568	0.9902	0.6657	0.9730	0.9987	0.5684
54.0	0.9993	0.9881	0.9732	0.9903	0.5500	0.9830	0.9978	0.7874
54.1	0.9993	0.9884	0.9780	0.9899	0.5241	0.9788	0.9972	0.6754
54.2	0.9994	0.9904	0.9815	0.9909	0.5951	0.9780	0.9981	0.6208
54.3	0.9993	0.9903	0.9809	0.9873	0.4075	0.9853	0.9973	0.7539
54.4	0.9991	0.9886	0.9737	0.9900	0.3386	0.9891	0.9978	0.7819
54.5	0.9990	0.9922	0.9773	0.9888	0.3676	0.9878	0.9973	0.7247
54.6	0.9993	0.9904	0.9849	0.9902	0.1581	0.9868	0.9977	0.7342
54.7	0.9996	0.9943	0.9883	0.9911	0.0564	0.9836	0.9978	0.5697
54.8	0.9994	0.9905	0.9802	0.9901	0.0511	0.9834	0.9979	0.4825
54.9	0.9994	0.9914	0.9828	0.9925	0.0476	0.9893	0.9981	0.7403
55.0	0.9993	0.9932	0.9844	0.9919	0.0149	0.9881	0.9978	0.8360
55.1	0.9996	0.9952	0.9897	0.9941	0.0372	0.9912	0.9981	0.8754
55.2	0.9995	0.9937	0.9876	0.9925	0.0163	0.9895	0.9978	0.8776
55.3	0.9994	0.9938	0.9869	0.9923	0.0799	0.9915	0.9981	0.9201
55.4	0.9992	0.9921	0.9829	0.9907	0.1269	0.9879	0.9977	0.8992
55.5	0.9994	0.9928	0.9815	0.9913	0.1352	0.9864	0.9975	0.8542
55.6	0.9993	0.9930	0.9860	0.9904	0.2208	0.9893	0.9980	0.9174
55.7	0.9995	0.9946	0.9868	0.9929	0.3495	0.9932	0.9981	0.9543
55.8	0.9995	0.9909	0.9826	0.9917	0.2676	0.9915	0.9977	0.9411
55.9	0.9993	0.9919	0.9816	0.9869	0.3195	0.9865	0.9964	0.9531
56.0	0.9994	0.9937	0.9828	0.9905	0.4667	0.9871	0.9976	0.9716
56.1	0.9994	0.9944	0.9851	0.9911	0.4143	0.9832	0.9975	0.9593
56.2	0.9994	0.9940	0.9850	0.9917	0.5255	0.9879	0.9967	0.9620
56.3	0.9995	0.9931	0.9843	0.9917	0.6193	0.9902	0.9964	0.9711
56.4	0.9994	0.9911	0.9809	0.9881	0.4974	0.9890	0.9955	0.9665
56.5	0.9993	0.9887	0.9770	0.9867	0.6071	0.9876	0.9959	0.9679
56.6	0.9995	0.9929	0.9859	0.9923	0.8000	0.9921	0.9979	0.9791
56.7	0.9996	0.9934	0.9895	0.9941	0.8086	0.9911	0.9979	0.9770
56.8	0.9994	0.9920	0.9861	0.9895	0.7089	0.9903	0.9973	0.9593
56.9	0.9992	0.9912	0.9850	0.9868	0.7418	0.9856	0.9966	0.9398
57.0	0.9992	0.9902	0.9824	0.9864	0.8186	0.9871	0.9955	0.9592
57.1	0.9993	0.9921	0.9816	0.9880	0.8481	0.9804	0.9967	0.9607
57.2	0.9990	0.9913	0.9791	0.9846	0.8282	0.9732	0.9961	0.9401
57.3	0.9989	0.9884	0.9667	0.9843	0.8485	0.9820	0.9952	0.9367
57.4	0.9991	0.9911	0.9811	0.9831	0.9124	0.9849	0.9965	0.9558
57.5	0.9990	0.9870	0.9770	0.9818	0.8729	0.9793	0.9947	0.9387
57.6	0.9993	0.9877	0.9788	0.9866	0.8999	0.9821	0.9949	0.9407
57.7	0.9992	0.9902	0.9796	0.9868	0.8981	0.9834	0.9952	0.9462
57.8	0.9992	0.9910	0.9845	0.9822	0.9291	0.9837	0.9957	0.9529
57.9	0.9990	0.9917	0.9854	0.9800	0.9243	0.9849	0.9958	0.9570
58.0	0.9992	0.9908	0.9845	0.9820	0.9288	0.9804	0.9954	0.9550
58.1	0.9993	0.9888	0.9825	0.9842	0.9428	0.9818	0.9956	0.9602
58.2	0.9992	0.9886	0.9803	0.9825	0.9411	0.9746	0.9943	0.9521
58.3	0.9993	0.9915	0.9841	0.9858	0.9590	0.9742	0.9954	0.9587
58.4	0.9992	0.9907	0.9819	0.9838	0.9533	0.9736	0.9951	0.9489
58.5	0.9988	0.9867	0.9791	0.9774	0.9499	0.9631	0.9939	0.9205
58.6	0.9990	0.9893	0.9819	0.9807	0.9625	0.9609	0.9940	0.9505
58.7	0.9990	0.9894	0.9810	0.9806	0.9572	0.9549	0.9941	0.9557
58.8	0.9990	0.9876	0.9800	0.9736	0.9545	0.9496	0.9934	0.9547
58.9	0.9992	0.9896	0.9838	0.9813	0.9604	0.9634	0.9938	0.9415
59.0	0.9988	0.9876	0.9789	0.9764	0.9558	0.9067	0.9924	0.8698
59.1	0.9990	0.9873	0.9858	0.9836	0.9763	0.9191	0.9946	0.9172
59.2	0.9989	0.9800	0.9844	0.9761	0.9761	0.9070	0.9929	0.9500
59.3	0.9988	0.9853	0.9826	0.9792	0.9725	0.9017	0.9923	0.9425
59.4	0.9987	0.9884	0.9839	0.9842	0.9785	0.9006	0.9941	0.9384
59.5	0.9988	0.9910	0.9818	0.9894	0.9748	0.8596	0.9947	0.9359

59.6	0.9989	0.9935	0.9862	0.9919	0.9766	0.8943	0.9958	0.9486
59.7	0.9991	0.9938	0.9839	0.9910	0.9773	0.8358	0.9950	0.9421
59.8	0.9985	0.9908	0.9807	0.9875	0.9749	0.7658	0.9942	0.9016
59.9	0.9973	0.9270	0.9751	0.3749	0.9455	0.7295	0.9939	0.8958
60.0	0.9976	0.7966	0.9531	0.1955	0.9163	0.6159	0.9946	0.9256
60.1	0.9985	0.9512	0.9793	0.5229	0.9656	0.8284	0.9962	0.9445
60.2	0.9981	0.9891	0.9773	0.9907	0.9651	0.7354	0.9955	0.9321
60.3	0.9981	0.9888	0.9759	0.9924	0.9666	0.7268	0.9947	0.9418
60.4	0.9979	0.9881	0.9748	0.9932	0.9632	0.7587	0.9958	0.9490
60.5	0.9978	0.9873	0.9783	0.9925	0.9625	0.7865	0.9951	0.9393
60.6	0.9978	0.9873	0.9805	0.9933	0.9663	0.8238	0.9949	0.9285
60.7	0.9978	0.9868	0.9791	0.9932	0.9626	0.7443	0.9947	0.9142
60.8	0.9977	0.9836	0.9795	0.9932	0.9629	0.6387	0.9955	0.8969
60.9	0.9980	0.9832	0.9823	0.9935	0.9637	0.7029	0.9960	0.9147
61.0	0.9979	0.9841	0.9830	0.9925	0.9598	0.7645	0.9957	0.9217
61.1	0.9977	0.9829	0.9731	0.9914	0.9444	0.7788	0.9951	0.9045
61.2	0.9969	0.9763	0.9724	0.9893	0.9425	0.7162	0.9951	0.8660
61.3	0.9968	0.9756	0.9729	0.9902	0.9418	0.6906	0.9951	0.8435
61.4	0.9971	0.9720	0.9677	0.9901	0.9326	0.6940	0.9934	0.8353
61.5	0.9969	0.9743	0.9694	0.9880	0.9449	0.7262	0.9943	0.8204
61.6	0.9965	0.9727	0.9742	0.9865	0.9430	0.7307	0.9949	0.8046
61.7	0.9961	0.9652	0.9645	0.9841	0.9026	0.7237	0.9924	0.7792
61.8	0.9971	0.9670	0.9738	0.9859	0.9221	0.7616	0.9940	0.7944
61.9	0.9978	0.9721	0.9779	0.9879	0.9313	0.7623	0.9949	0.7763
62.0	0.9981	0.9754	0.9786	0.9881	0.9477	0.7993	0.9959	0.8444
62.1	0.9980	0.9719	0.9775	0.9865	0.9558	0.8088	0.9956	0.8404
62.2	0.9978	0.9774	0.9732	0.9859	0.9544	0.8191	0.9959	0.8322
62.3	0.9975	0.9802	0.9721	0.9851	0.9490	0.7948	0.9954	0.8000
62.4	0.9976	0.9782	0.9701	0.9853	0.9537	0.7533	0.9957	0.7894
62.5	0.9980	0.9748	0.9680	0.9862	0.9542	0.7558	0.9957	0.8138
62.6	0.9981	0.9778	0.9773	0.9891	0.9678	0.8309	0.9961	0.8769
62.7	0.9984	0.9806	0.9789	0.9890	0.9723	0.8269	0.9959	0.8396
62.8	0.9984	0.9739	0.9754	0.9871	0.9707	0.8577	0.9944	0.8631
62.9	0.9984	0.9815	0.9806	0.9891	0.9748	0.9182	0.9957	0.9067
63.0	0.9987	0.9852	0.9820	0.9904	0.9826	0.9132	0.9962	0.9298
63.1	0.9981	0.9744	0.9827	0.9831	0.9811	0.8969	0.9924	0.9245
63.2	0.9977	0.9790	0.9823	0.9815	0.9769	0.9160	0.9922	0.9384
63.3	0.9984	0.9839	0.9859	0.9866	0.9825	0.9421	0.9945	0.9613
63.4	0.9984	0.9831	0.9838	0.9863	0.9851	0.9326	0.9946	0.9626
63.5	0.9978	0.9805	0.9779	0.9828	0.9838	0.9167	0.9937	0.9447
63.6	0.9986	0.9873	0.9858	0.9903	0.9904	0.9527	0.9950	0.9679
63.7	0.9982	0.9865	0.9876	0.9863	0.9867	0.9550	0.9931	0.9727
63.8	0.9970	0.9783	0.9809	0.9778	0.9777	0.9488	0.9896	0.9524
63.9	0.9965	0.9684	0.9763	0.9719	0.9771	0.9075	0.9842	0.9538
64.0	0.9981	0.9753	0.9867	0.9833	0.9840	0.9317	0.9895	0.9675
64.1	0.9988	0.9871	0.9868	0.9904	0.9859	0.9694	0.9951	0.9706
64.2	0.9978	0.9846	0.9875	0.9860	0.9878	0.9690	0.9924	0.9681
64.3	0.9976	0.9821	0.9877	0.9855	0.9860	0.9663	0.9910	0.9622
64.4	0.9979	0.9827	0.9856	0.9868	0.9850	0.9634	0.9913	0.9696
64.5	0.9975	0.9778	0.9855	0.9870	0.9857	0.9558	0.9897	0.9649
64.6	0.9972	0.9756	0.9860	0.9822	0.9875	0.9610	0.9881	0.9632
64.7	0.9967	0.9742	0.9864	0.9807	0.9855	0.9628	0.9850	0.9596
64.8	0.9979	0.9834	0.9892	0.9867	0.9900	0.9751	0.9891	0.9632
64.9	0.9979	0.9836	0.9860	0.9866	0.9893	0.9749	0.9897	0.9624
65.0	0.9978	0.9827	0.9895	0.9882	0.9894	0.9795	0.9914	0.9674
65.1	0.9962	0.9735	0.9842	0.9817	0.9838	0.9683	0.9846	0.9498
65.2	0.9968	0.9687	0.9838	0.9832	0.9817	0.9794	0.9844	0.9632
65.3	0.9976	0.9786	0.9874	0.9875	0.9876	0.9818	0.9887	0.9715
65.4	0.9979	0.9825	0.9885	0.9904	0.9888	0.9806	0.9904	0.9681
65.5	0.9969	0.9801	0.9870	0.9877	0.9865	0.9810	0.9880	0.9633
65.6	0.9959	0.9689	0.9854	0.9833	0.9789	0.9696	0.9817	0.9569
65.7	0.9963	0.9665	0.9846	0.9835	0.9805	0.9712	0.9815	0.9578
65.8	0.9959	0.9673	0.9810	0.9811	0.9800	0.9750	0.9813	0.9452
65.9	0.9961	0.9711	0.9852	0.9826	0.9808	0.9765	0.9845	0.9577
66.0	0.9963	0.9748	0.9872	0.9851	0.9838	0.9786	0.9857	0.9640
66.1	0.9968	0.9803	0.9891	0.9875	0.9852	0.9811	0.9887	0.9701
66.2	0.9969	0.9772	0.9902	0.9888	0.9842	0.9827	0.9884	0.9649
66.3	0.9956	0.9747	0.9875	0.9849	0.9789	0.9756	0.9830	0.9549
66.4	0.9950	0.9714	0.9882	0.9851	0.9749	0.9714	0.9819	0.9569
66.5	0.9952	0.9739	0.9856	0.9846	0.9762	0.9751	0.9818	0.9588
66.6	0.9942	0.9748	0.9842	0.9810	0.9745	0.9633	0.9801	0.9495
66.7	0.9946	0.9764	0.9892	0.9843	0.9757	0.9709	0.9835	0.9569
66.8	0.9941	0.9755	0.9878	0.9839	0.9742	0.9760	0.9810	0.9507
66.9	0.9914	0.9712	0.9799	0.9773	0.9663	0.9681	0.9747	0.9480
67.0	0.9934	0.9777	0.9838	0.9818	0.9775	0.9749	0.9808	0.9650
67.1	0.9934	0.9698	0.9840	0.9822	0.9690	0.9719	0.9780	0.9630
67.2	0.9892	0.9575	0.9737	0.9720	0.9504	0.9487	0.9637	0.9414
67.3	0.9918	0.9616	0.9767	0.9776	0.9628	0.9584	0.9724	0.9560
67.4	0.9929	0.9726	0.9775	0.9817	0.9720	0.9612	0.9783	0.9630
67.5	0.9919	0.9756	0.9811	0.9816	0.9670	0.9616	0.9772	0.9699
67.6	0.9903	0.9612	0.9806	0.9790	0.9577	0.9572	0.9702	0.9591
67.7	0.9904	0.9596	0.9776	0.9791	0.9555	0.9491	0.9674	0.9520
67.8	0.9894	0.9667	0.9777	0.9789	0.9587	0.9532	0.9697	0.9546
67.9	0.9887	0.9619	0.9789	0.9770	0.9560	0.9536	0.9698	0.9637
68.0	0.9893	0.9623	0.9774	0.9797	0.9500	0.9435	0.9694	0.9635
68.1	0.9865	0.9613	0.9763	0.9760	0.9435	0.9410	0.9634	0.9620

68.2	0.9841	0.9568	0.9705	0.9727	0.9361	0.9307	0.9581	0.9550
68.3	0.9872	0.9659	0.9777	0.9778	0.9527	0.9458	0.9670	0.9676
68.4	0.9838	0.9631	0.9723	0.9739	0.9406	0.9288	0.9604	0.9622
68.5	0.9851	0.9539	0.9691	0.9770	0.9304	0.9298	0.9561	0.9678
68.6	0.9835	0.9571	0.9671	0.9739	0.9311	0.9308	0.9572	0.9586
68.7	0.9806	0.9582	0.9679	0.9712	0.9307	0.9231	0.9578	0.9626
68.8	0.9839	0.9650	0.9692	0.9757	0.9390	0.9144	0.9627	0.9623
68.9	0.9766	0.9564	0.9611	0.9672	0.9253	0.9043	0.9511	0.9437
69.0	0.9828	0.9717	0.9739	0.9794	0.9457	0.9312	0.9649	0.9612
69.1	0.9801	0.9631	0.9665	0.9744	0.9277	0.9095	0.9547	0.9511
69.2	0.9805	0.9628	0.9703	0.9759	0.9360	0.9083	0.9566	0.9550
69.3	0.9739	0.9473	0.9605	0.9678	0.9039	0.8758	0.9361	0.9273
69.4	0.9832	0.9633	0.9736	0.9818	0.9301	0.8785	0.9584	0.9474
69.5	0.9739	0.9534	0.9634	0.9702	0.9028	0.8678	0.9421	0.9310
69.6	0.9754	0.9534	0.9685	0.9719	0.9056	0.8709	0.9427	0.9326
69.7	0.9754	0.9519	0.9672	0.9725	0.8983	0.8543	0.9416	0.9275
69.8	0.9742	0.9614	0.9656	0.9735	0.8965	0.7976	0.9389	0.9059
69.9	0.9816	0.9734	0.9737	0.9820	0.9309	0.8601	0.9587	0.9346
70.0	0.9792	0.9694	0.9701	0.9785	0.9292	0.8509	0.9578	0.9329
70.1	0.9762	0.9738	0.9706	0.9766	0.9253	0.8330	0.9558	0.9238
70.2	0.9723	0.9683	0.9657	0.9751	0.9016	0.7627	0.9434	0.8938
70.3	0.9657	0.9607	0.9603	0.9700	0.8782	0.7499	0.9321	0.8904
70.4	0.9609	0.9577	0.9516	0.9678	0.8653	0.7984	0.9228	0.8990
70.5	0.9709	0.9651	0.9615	0.9762	0.8929	0.8003	0.9436	0.9090
70.6	0.9697	0.9612	0.9598	0.9760	0.8762	0.7275	0.9391	0.8959
70.7	0.9720	0.9698	0.9667	0.9781	0.8895	0.7182	0.9448	0.9101
70.8	0.9713	0.9720	0.9674	0.9781	0.8930	0.7155	0.9486	0.9062
70.9	0.9762	0.9733	0.9751	0.9828	0.8958	0.7284	0.9534	0.9260
71.0	0.9739	0.9762	0.9750	0.9821	0.8681	0.6919	0.9450	0.9136
71.1	0.9659	0.9674	0.9707	0.9770	0.8548	0.6604	0.9421	0.9022
71.2	0.9729	0.9698	0.9711	0.9826	0.8942	0.7290	0.9588	0.9238
71.3	0.9731	0.9732	0.9680	0.9839	0.8821	0.7174	0.9541	0.9012
71.4	0.9738	0.9716	0.9658	0.9846	0.8624	0.5972	0.9508	0.8914
71.5	0.9757	0.9734	0.9714	0.9863	0.8530	0.6024	0.9543	0.8982
71.6	0.9758	0.9758	0.9760	0.9866	0.8693	0.6256	0.9611	0.9059
71.7	0.9762	0.9711	0.9743	0.9868	0.8727	0.6835	0.9601	0.9138
71.8	0.9719	0.9736	0.9756	0.9861	0.8565	0.5290	0.9555	0.8902
71.9	0.9818	0.9759	0.9855	0.9909	0.8758	0.5231	0.9674	0.9110
72.0	0.9820	0.9743	0.9879	0.9912	0.8609	0.5473	0.9709	0.9260
72.1	0.9720	0.9763	0.9776	0.9869	0.7995	0.4364	0.9528	0.8738
72.2	0.9747	0.9737	0.9835	0.9897	0.8379	0.4346	0.9642	0.8914
72.3	0.9710	0.9710	0.9762	0.9886	0.8288	0.3638	0.9592	0.8540
72.4	0.9714	0.9693	0.9788	0.9879	0.8023	0.3996	0.9586	0.8476
72.5	0.9786	0.9698	0.9858	0.9909	0.7903	0.5463	0.9678	0.9025
72.6	0.9788	0.9735	0.9875	0.9922	0.7771	0.6155	0.9666	0.9019
72.7	0.9760	0.9705	0.9828	0.9917	0.7628	0.5507	0.9609	0.8800
72.8	0.9656	0.9605	0.9768	0.9875	0.7131	0.5428	0.9496	0.8973
72.9	0.9712	0.9694	0.9829	0.9912	0.7484	0.6303	0.9618	0.9333
73.0	0.9759	0.9698	0.9844	0.9921	0.7426	0.7310	0.9656	0.9460
73.1	0.9692	0.9606	0.9837	0.9896	0.7133	0.6538	0.9593	0.9119
73.2	0.9719	0.9614	0.9847	0.9906	0.7503	0.6693	0.9590	0.9092
73.3	0.9763	0.9534	0.9832	0.9922	0.7956	0.7382	0.9666	0.9327
73.4	0.9717	0.9448	0.9840	0.9899	0.7989	0.7552	0.9654	0.9290
73.5	0.9721	0.9609	0.9819	0.9909	0.7922	0.7905	0.9618	0.9394
73.6	0.9765	0.9603	0.9844	0.9928	0.8135	0.8459	0.9656	0.9455
73.7	0.9813	0.9587	0.9872	0.9945	0.8769	0.8683	0.9747	0.9554
73.8	0.9812	0.9578	0.9850	0.9947	0.8447	0.8363	0.9692	0.9405
73.9	0.9796	0.9594	0.9834	0.9949	0.8293	0.8525	0.9681	0.9395
74.0	0.9741	0.9555	0.9887	0.9938	0.8215	0.8740	0.9665	0.9510
74.1	0.9724	0.9600	0.9858	0.9937	0.7852	0.8751	0.9629	0.9452
74.2	0.9721	0.9599	0.9838	0.9937	0.7759	0.8661	0.9590	0.9307
74.3	0.9799	0.9536	0.9804	0.9951	0.8151	0.9023	0.9599	0.9206
74.4	0.9757	0.9473	0.9786	0.9944	0.8258	0.9092	0.9561	0.9048
74.5	0.9739	0.9583	0.9847	0.9953	0.8622	0.9245	0.9641	0.9355
74.6	0.9782	0.9662	0.9824	0.9956	0.8580	0.9323	0.9658	0.9344
74.7	0.9754	0.9511	0.9779	0.9937	0.8294	0.9197	0.9546	0.8813
74.8	0.9772	0.9621	0.9829	0.9948	0.8766	0.9323	0.9652	0.8701
74.9	0.9811	0.9612	0.9830	0.9959	0.9046	0.9441	0.9699	0.8192
75.0	0.9775	0.9521	0.9808	0.9949	0.8807	0.9397	0.9640	0.7891
75.1	0.9784	0.9346	0.9770	0.9953	0.8489	0.9189	0.9537	0.6510
75.2	0.9811	0.9491	0.9827	0.9964	0.8664	0.9333	0.9563	0.6088
75.3	0.9844	0.9619	0.9869	0.9970	0.9035	0.9526	0.9675	0.6052
75.4	0.9805	0.9567	0.9797	0.9960	0.8861	0.9385	0.9618	0.4386
75.5	0.9809	0.9517	0.9834	0.9962	0.8860	0.9347	0.9588	0.2939
75.6	0.9852	0.9589	0.9837	0.9970	0.9226	0.9597	0.9704	0.3189
75.7	0.9825	0.9420	0.9806	0.9965	0.9200	0.9459	0.9692	0.2894
75.8	0.9783	0.9494	0.9819	0.9971	0.9133	0.9488	0.9620	0.4922
75.9	0.9815	0.9512	0.9860	0.9976	0.9218	0.9608	0.9638	0.6733
76.0	0.9699	0.9181	0.9789	0.9961	0.8758	0.9412	0.9433	0.6811
76.1	0.9783	0.9281	0.9832	0.9973	0.8779	0.9366	0.9498	0.7488
76.2	0.9823	0.9345	0.9821	0.9975	0.9187	0.9519	0.9639	0.8278
76.3	0.9725	0.9199	0.9775	0.9960	0.9121	0.9350	0.9577	0.8259
76.4	0.9811	0.9375	0.9832	0.9972	0.9418	0.9555	0.9715	0.9133
76.5	0.9881	0.9538	0.9867	0.9984	0.9526	0.9741	0.9753	0.9383
76.6	0.9863	0.9469	0.9861	0.9981	0.9545	0.9710	0.9768	0.9423
76.7	0.9815	0.9436	0.9816	0.9978	0.9536	0.9587	0.9765	0.9453

76.8	0.9841	0.9431	0.9781	0.9975	0.9426	0.9669	0.9707	0.9478
76.9	0.9874	0.9158	0.9829	0.9984	0.9468	0.9680	0.9771	0.9547
77.0	0.9763	0.8819	0.9786	0.9979	0.9238	0.9505	0.9642	0.9478
77.1	0.9784	0.9083	0.9834	0.9978	0.9397	0.9591	0.9690	0.9633
77.2	0.9849	0.9168	0.9866	0.9981	0.9407	0.9732	0.9755	0.9703
77.3	0.9844	0.9194	0.9855	0.9981	0.9481	0.9758	0.9740	0.9714
77.4	0.9841	0.9072	0.9844	0.9985	0.9426	0.9694	0.9714	0.9686
77.5	0.9797	0.8801	0.9848	0.9983	0.9449	0.9679	0.9705	0.9716
77.6	0.9837	0.9101	0.9845	0.9987	0.9606	0.9744	0.9824	0.9777
77.7	0.9826	0.8871	0.9866	0.9988	0.9652	0.9706	0.9868	0.9821
77.8	0.9761	0.8430	0.9838	0.9986	0.9606	0.9620	0.9857	0.9851
77.9	0.9838	0.9005	0.9849	0.9991	0.9625	0.9679	0.9873	0.9831
78.0	0.9830	0.8936	0.9787	0.9989	0.9507	0.9701	0.9849	0.9783
78.1	0.9773	0.8682	0.9794	0.9989	0.9449	0.9678	0.9837	0.9769
78.2	0.9746	0.8573	0.9817	0.9989	0.9497	0.9638	0.9852	0.9711
78.3	0.9778	0.7881	0.9831	0.9989	0.9574	0.9691	0.9856	0.9776
78.4	0.9773	0.7662	0.9866	0.9989	0.9584	0.9740	0.9880	0.9816
78.5	0.9785	0.7409	0.9855	0.9987	0.9637	0.9645	0.9907	0.9779
78.6	0.9825	0.7171	0.9828	0.9989	0.9648	0.9651	0.9886	0.9737
78.7	0.9814	0.6603	0.9842	0.9988	0.9690	0.9706	0.9882	0.9775
78.8	0.9812	0.6019	0.9846	0.9989	0.9654	0.9741	0.9901	0.9726
78.9	0.9820	0.4584	0.9820	0.9987	0.9604	0.9802	0.9867	0.9759
79.0	0.9793	0.1049	0.9782	0.9988	0.9635	0.9726	0.9863	0.9729
79.1	0.9754	0.1327	0.9727	0.9986	0.9685	0.9648	0.9891	0.9622
79.2	0.9712	0.0686	0.9762	0.9978	0.9582	0.9681	0.9831	0.9532
79.3	0.9733	0.1562	0.9828	0.9977	0.9652	0.9770	0.9857	0.9318
79.4	0.9818	0.1731	0.9849	0.9985	0.9700	0.9770	0.9876	0.9395
79.5	0.9778	0.1788	0.9810	0.9975	0.9615	0.9711	0.9869	0.9016
79.6	0.9790	0.4189	0.9798	0.9977	0.9615	0.9738	0.9873	0.9087
79.7	0.9775	0.6053	0.9785	0.9979	0.9666	0.9789	0.9872	0.9083
79.8	0.9809	0.6377	0.9813	0.9980	0.9668	0.9744	0.9876	0.9043
79.9	0.9828	0.6954	0.9809	0.9978	0.9655	0.9706	0.9876	0.8764
80.0	0.9826	0.6822	0.9797	0.9971	0.9659	0.9722	0.9848	0.8614

2.2.56 Run 5 – VTC-200 – Accels 9–16

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.1155	0.5573	0.2487	0.4059	0.2586	0.0486	0.1803	0.4600
0.1	0.0032	0.1098	0.0121	0.1227	0.1445	0.0217	0.0021	0.0852
0.2	0.0193	0.0131	0.0515	0.0252	0.0409	0.0261	0.0128	0.0014
0.3	0.0227	0.0085	0.0074	0.0381	0.0064	0.0497	0.0074	0.0018
0.4	0.0447	0.0844	0.0217	0.0093	0.0033	0.0103	0.0050	0.0113
0.5	0.0266	0.2649	0.0403	0.0056	0.0138	0.0194	0.0085	0.0027
0.6	0.0156	0.2089	0.0081	0.0329	0.0293	0.0197	0.0290	0.0489
0.7	0.0016	0.3089	0.0197	0.0002	0.0446	0.0267	0.0156	0.0091
0.8	0.0067	0.3945	0.0631	0.0029	0.0970	0.0162	0.0247	0.0077
0.9	0.0647	0.5575	0.0035	0.1161	0.2559	0.0476	0.0324	0.0148
1.0	0.0897	0.7911	0.0063	0.1802	0.3081	0.0361	0.0625	0.0302
1.1	0.0147	0.8468	0.0849	0.0825	0.2356	0.0039	0.1206	0.1135
1.2	0.0322	0.8619	0.0892	0.1637	0.4301	0.0250	0.1189	0.3085
1.3	0.0892	0.8935	0.0340	0.2452	0.6275	0.0543	0.0999	0.4305
1.4	0.2053	0.8896	0.0098	0.1471	0.6017	0.0542	0.1471	0.4491
1.5	0.3765	0.9174	0.0363	0.1170	0.6755	0.1561	0.2250	0.6475
1.6	0.3457	0.9413	0.1525	0.3640	0.7715	0.0984	0.3973	0.7327
1.7	0.2761	0.9031	0.3874	0.5984	0.7159	0.2174	0.5645	0.5894
1.8	0.5494	0.8910	0.6124	0.7737	0.7893	0.4146	0.7781	0.5960
1.9	0.6928	0.8756	0.6642	0.8067	0.8608	0.6068	0.8043	0.8077
2.0	0.6467	0.8886	0.8489	0.7018	0.9285	0.8238	0.6894	0.8711
2.1	0.3678	0.6892	0.7139	0.3620	0.9302	0.6747	0.3615	0.8752
2.2	0.2985	0.7405	0.7744	0.2667	0.9234	0.7290	0.2636	0.9235
2.3	0.5766	0.6070	0.5608	0.4363	0.8539	0.5214	0.4127	0.8564
2.4	0.4440	0.3152	0.3579	0.5857	0.7280	0.3602	0.5934	0.7195
2.5	0.3815	0.6539	0.6372	0.8117	0.8739	0.6458	0.7835	0.8580
2.6	0.2605	0.8523	0.8094	0.7315	0.9542	0.7909	0.6405	0.9551
2.7	0.0930	0.8912	0.8530	0.6561	0.9678	0.8530	0.5532	0.9586
2.8	0.2990	0.8424	0.7558	0.5516	0.9656	0.7475	0.5230	0.9604
2.9	0.1569	0.7159	0.6596	0.3994	0.9622	0.5826	0.4409	0.9678
3.0	0.0435	0.7878	0.6925	0.4384	0.9742	0.6106	0.4275	0.9759
3.1	0.0450	0.7561	0.5090	0.3560	0.9688	0.4715	0.2996	0.9699
3.2	0.0324	0.7088	0.4978	0.1523	0.9614	0.4600	0.1772	0.9668
3.3	0.0706	0.6449	0.6169	0.2513	0.9741	0.5766	0.3558	0.9737
3.4	0.0559	0.5026	0.6176	0.2250	0.9722	0.6102	0.3622	0.9698
3.5	0.0221	0.1092	0.4249	0.1584	0.9402	0.5108	0.2063	0.9588
3.6	0.0176	0.1544	0.2806	0.1419	0.8598	0.2923	0.1260	0.8946
3.7	0.0178	0.7758	0.2879	0.2364	0.9777	0.2339	0.2228	0.9785
3.8	0.1034	0.9607	0.7776	0.7152	0.9961	0.7148	0.5316	0.9958
3.9	0.0391	0.9739	0.8973	0.8442	0.9979	0.8820	0.7120	0.9977
4.0	0.2274	0.9738	0.9107	0.8993	0.9981	0.9107	0.8387	0.9980
4.1	0.3933	0.9779	0.9063	0.9231	0.9980	0.9221	0.8877	0.9977
4.2	0.2541	0.9636	0.8730	0.8684	0.9962	0.8732	0.8106	0.9962
4.3	0.4019	0.9320	0.7790	0.8199	0.9951	0.7798	0.7814	0.9959
4.4	0.4781	0.8674	0.7566	0.7944	0.9947	0.6653	0.7545	0.9952
4.5	0.4872	0.8383	0.7182	0.7882	0.9956	0.6112	0.7378	0.9962
4.6	0.4978	0.8148	0.6237	0.7253	0.9971	0.5649	0.7191	0.9973
4.7	0.5853	0.7260	0.5095	0.6482	0.9948	0.5070	0.6006	0.9937
4.8	0.6373	0.7261	0.4350	0.5977	0.9937	0.2938	0.6066	0.9940
4.9	0.5004	0.5431	0.3916	0.3804	0.9891	0.3626	0.4450	0.9894
5.0	0.3319	0.8881	0.6906	0.3922	0.9941	0.6102	0.3273	0.9934
5.1	0.5293	0.8861	0.8096	0.6914	0.9964	0.7033	0.6162	0.9965
5.2	0.5796	0.5919	0.7952	0.6580	0.9941	0.7481	0.5354	0.9947
5.3	0.2854	0.2036	0.6554	0.2012	0.9935	0.6713	0.0852	0.9935
5.4	0.1503	0.4460	0.3138	0.1049	0.9797	0.2982	0.0577	0.9798
5.5	0.1546	0.5356	0.2368	0.2381	0.9679	0.1651	0.1698	0.9659
5.6	0.0064	0.7009	0.1414	0.3985	0.9826	0.1606	0.2509	0.9815
5.7	0.1995	0.8311	0.3416	0.4593	0.9889	0.3191	0.3578	0.9883
5.8	0.5806	0.9024	0.6194	0.4920	0.9944	0.5899	0.3624	0.9942
5.9	0.7982	0.9254	0.7742	0.4094	0.9953	0.7535	0.4717	0.9954
6.0	0.8655	0.8689	0.8439	0.2536	0.9932	0.8011	0.5749	0.9932
6.1	0.9395	0.9352	0.9223	0.7253	0.9954	0.9124	0.8029	0.9954
6.2	0.9619	0.9531	0.9356	0.8754	0.9947	0.9354	0.8986	0.9946
6.3	0.9593	0.9647	0.9517	0.9319	0.9931	0.9449	0.9090	0.9931
6.4	0.9761	0.9707	0.9676	0.9692	0.9925	0.9627	0.9518	0.9925
6.5	0.9773	0.9647	0.9649	0.9620	0.9907	0.9588	0.9302	0.9907
6.6	0.9718	0.9557	0.9501	0.9662	0.9862	0.9325	0.8909	0.9863
6.7	0.9553	0.9543	0.9544	0.9648	0.9795	0.9335	0.8117	0.9796
6.8	0.9481	0.9471	0.9575	0.9698	0.9711	0.9451	0.7072	0.9713
6.9	0.9543	0.9398	0.9524	0.9645	0.9617	0.9392	0.7523	0.9617
7.0	0.9473	0.9318	0.9362	0.9395	0.9493	0.9221	0.8686	0.9494
7.1	0.8862	0.8672	0.8638	0.8365	0.8821	0.8474	0.6663	0.8824
7.2	0.9186	0.9156	0.8785	0.8136	0.9115	0.8599	0.4699	0.9116
7.3	0.9625	0.9485	0.9338	0.7840	0.9448	0.9191	0.2960	0.9449
7.4	0.9444	0.9513	0.9435	0.7395	0.9421	0.9390	0.3786	0.9423
7.5	0.9480	0.9660	0.9469	0.7707	0.9525	0.9400	0.6990	0.9526
7.6	0.9578	0.9832	0.9432	0.7660	0.9697	0.9261	0.7822	0.9697
7.7	0.9859	0.9958	0.9524	0.7675	0.9917	0.9318	0.8610	0.9917
7.8	0.9923	0.9984	0.9496	0.7826	0.9981	0.9250	0.9102	0.9981
7.9	0.9825	0.9964	0.9471	0.6710	0.9961	0.9200	0.9164	0.9961

8.0	0.9753	0.9959	0.9583	0.6350	0.9932	0.9387	0.8797	0.9932
8.1	0.9886	0.9981	0.9611	0.7773	0.9984	0.9472	0.9233	0.9983
8.2	0.9909	0.9987	0.9645	0.7906	0.9987	0.9476	0.9685	0.9987
8.3	0.9905	0.9980	0.9555	0.5683	0.9980	0.9373	0.9683	0.9981
8.4	0.9937	0.9985	0.9486	0.5526	0.9991	0.9228	0.9723	0.9991
8.5	0.9900	0.9975	0.9397	0.5383	0.9985	0.9111	0.9654	0.9986
8.6	0.9901	0.9980	0.9569	0.4597	0.9990	0.9346	0.9543	0.9990
8.7	0.9867	0.9948	0.9453	0.5593	0.9967	0.9184	0.9295	0.9968
8.8	0.9896	0.9942	0.9591	0.7947	0.9958	0.9456	0.9281	0.9959
8.9	0.9817	0.9928	0.9641	0.8618	0.9938	0.9515	0.9506	0.9938
9.0	0.9622	0.9830	0.9476	0.8462	0.9821	0.9361	0.9370	0.9822
9.1	0.9713	0.9850	0.9490	0.8049	0.9844	0.9284	0.9177	0.9846
9.2	0.9368	0.9480	0.9247	0.8310	0.9520	0.9090	0.9301	0.9523
9.3	0.9108	0.9357	0.9090	0.8930	0.9341	0.8997	0.9299	0.9344
9.4	0.9212	0.9461	0.9213	0.9329	0.9406	0.9087	0.9488	0.9403
9.5	0.9403	0.9553	0.9334	0.9436	0.9486	0.9227	0.9539	0.9485
9.6	0.9443	0.9646	0.9414	0.9629	0.9599	0.9327	0.9417	0.9592
9.7	0.8990	0.9464	0.9046	0.9423	0.9421	0.8898	0.9143	0.9403
9.8	0.9459	0.9670	0.9204	0.9423	0.9730	0.9164	0.9050	0.9717
9.9	0.9372	0.9742	0.9223	0.9181	0.9786	0.9013	0.9379	0.9770
10.0	0.8737	0.9698	0.8718	0.7604	0.9786	0.8495	0.9424	0.9763
10.1	0.8413	0.9415	0.8578	0.8668	0.9666	0.8519	0.9388	0.9634
10.2	0.8536	0.9595	0.8905	0.9658	0.9792	0.8584	0.9500	0.9742
10.3	0.7968	0.9698	0.8709	0.9628	0.9816	0.8487	0.9444	0.9751
10.4	0.6871	0.9749	0.8606	0.9567	0.9815	0.8551	0.9505	0.9743
10.5	0.5444	0.9820	0.8683	0.9549	0.9741	0.8623	0.9581	0.9692
10.6	0.5134	0.9841	0.8823	0.9666	0.9750	0.8792	0.9707	0.9735
10.7	0.4764	0.9739	0.8479	0.9620	0.9479	0.8344	0.9601	0.9572
10.8	0.6757	0.9848	0.8423	0.9617	0.9701	0.8690	0.9671	0.9716
10.9	0.7866	0.9836	0.8085	0.9544	0.9568	0.8354	0.9710	0.9664
11.0	0.7452	0.9851	0.7490	0.9629	0.9660	0.7712	0.9620	0.9784
11.1	0.7208	0.9840	0.6314	0.9532	0.9671	0.6703	0.9508	0.9761
11.2	0.8078	0.9882	0.5979	0.9587	0.9760	0.6689	0.9656	0.9830
11.3	0.8594	0.9909	0.6102	0.9707	0.9885	0.7032	0.9681	0.9914
11.4	0.8435	0.9922	0.4940	0.9675	0.9878	0.6021	0.9652	0.9906
11.5	0.8572	0.9916	0.5910	0.9637	0.9915	0.4297	0.9639	0.9933
11.6	0.8660	0.9874	0.6181	0.9623	0.9906	0.2592	0.9596	0.9921
11.7	0.8848	0.9931	0.6191	0.9677	0.9935	0.2977	0.9745	0.9950
11.8	0.8524	0.9911	0.6536	0.9636	0.9922	0.1515	0.9552	0.9956
11.9	0.8800	0.9920	0.7555	0.9567	0.9909	0.1739	0.9486	0.9952
12.0	0.8965	0.9907	0.7585	0.9536	0.9860	0.3119	0.9592	0.9942
12.1	0.8845	0.9902	0.7737	0.9631	0.9886	0.4010	0.9573	0.9947
12.2	0.9220	0.9943	0.8719	0.9793	0.9935	0.5943	0.9739	0.9971
12.3	0.9369	0.9942	0.9073	0.9753	0.9908	0.6917	0.9717	0.9970
12.4	0.9364	0.9921	0.9099	0.9640	0.9876	0.7451	0.9634	0.9958
12.5	0.9480	0.9909	0.9400	0.9508	0.9853	0.7847	0.9549	0.9966
12.6	0.9677	0.9933	0.9480	0.9677	0.9816	0.7793	0.9714	0.9970
12.7	0.9749	0.9930	0.9602	0.9745	0.9809	0.6133	0.9743	0.9969
12.8	0.9738	0.9920	0.9642	0.9738	0.9776	0.3416	0.9707	0.9967
12.9	0.9700	0.9913	0.9615	0.9747	0.9760	0.3423	0.9723	0.9968
13.0	0.9697	0.9910	0.9601	0.9666	0.9682	0.7091	0.9658	0.9951
13.1	0.9640	0.9894	0.9697	0.9626	0.9715	0.8372	0.9636	0.9943
13.2	0.9689	0.9909	0.9736	0.9710	0.9759	0.9034	0.9689	0.9894
13.3	0.9520	0.9878	0.9673	0.9802	0.9686	0.9385	0.9801	0.9789
13.4	0.9418	0.9825	0.9740	0.9787	0.9633	0.9538	0.9771	0.9719
13.5	0.9219	0.9689	0.9600	0.9693	0.9590	0.9512	0.9694	0.9296
13.6	0.9229	0.9677	0.9711	0.9728	0.9720	0.9681	0.9709	0.8927
13.7	0.9324	0.9681	0.9804	0.9679	0.9811	0.9838	0.9667	0.8966
13.8	0.9425	0.9725	0.9788	0.9676	0.9901	0.9867	0.9653	0.9211
13.9	0.9579	0.9814	0.9751	0.9736	0.9878	0.9861	0.9710	0.9421
14.0	0.9724	0.9842	0.9842	0.9786	0.9818	0.9892	0.9753	0.9630
14.1	0.9705	0.9853	0.9711	0.9775	0.9684	0.9757	0.9754	0.9544
14.2	0.9671	0.9710	0.9535	0.9705	0.9449	0.9537	0.9670	0.9377
14.3	0.9516	0.9490	0.9339	0.9560	0.9324	0.9328	0.9414	0.9239
14.4	0.9356	0.9426	0.9267	0.9419	0.9379	0.9275	0.9267	0.9311
14.5	0.8775	0.9353	0.9211	0.8984	0.9415	0.9225	0.8829	0.9324
14.6	0.8140	0.9501	0.9417	0.8985	0.9609	0.9393	0.8518	0.9546
14.7	0.7924	0.9725	0.9716	0.9083	0.9826	0.9710	0.8141	0.9799
14.8	0.8229	0.9800	0.9803	0.9233	0.9900	0.9794	0.7481	0.9881
14.9	0.9061	0.9812	0.9858	0.9125	0.9932	0.9851	0.7058	0.9925
15.0	0.9415	0.9887	0.9925	0.9397	0.9970	0.9916	0.8058	0.9966
15.1	0.9560	0.9849	0.9920	0.8815	0.9971	0.9909	0.6334	0.9965
15.2	0.9649	0.9885	0.9924	0.7988	0.9962	0.9904	0.4822	0.9963
15.3	0.9569	0.9892	0.9914	0.7779	0.9959	0.9889	0.1795	0.9966
15.4	0.9638	0.9919	0.9931	0.7408	0.9969	0.9897	0.0292	0.9977
15.5	0.9700	0.9930	0.9902	0.7325	0.9971	0.9865	0.1130	0.9979
15.6	0.9681	0.9944	0.9901	0.8064	0.9952	0.9886	0.3054	0.9968
15.7	0.9627	0.9949	0.9930	0.7962	0.9940	0.9901	0.4696	0.9963
15.8	0.9620	0.9955	0.9930	0.7913	0.9947	0.9889	0.4191	0.9968
15.9	0.9693	0.9971	0.9944	0.8653	0.9963	0.9922	0.4634	0.9981
16.0	0.9710	0.9964	0.9946	0.8812	0.9958	0.9911	0.5343	0.9978
16.1	0.9647	0.9959	0.9935	0.8738	0.9945	0.9911	0.5657	0.9966
16.2	0.9664	0.9960	0.9934	0.8579	0.9959	0.9921	0.5261	0.9973
16.3	0.9768	0.9965	0.9909	0.8202	0.9948	0.9886	0.3906	0.9970
16.4	0.9762	0.9967	0.9914	0.6956	0.9931	0.9906	0.0461	0.9959
16.5	0.9650	0.9972	0.9937	0.6174	0.9937	0.9931	0.2838	0.9956

16.6	0.9664	0.9973	0.9946	0.7527	0.9927	0.9934	0.5237	0.9954
16.7	0.9245	0.9963	0.9932	0.8525	0.9911	0.9920	0.6685	0.9945
16.8	0.9008	0.9936	0.9923	0.8316	0.9902	0.9910	0.6211	0.9932
16.9	0.9136	0.9938	0.9930	0.8235	0.9911	0.9915	0.6494	0.9928
17.0	0.9417	0.9971	0.9938	0.8929	0.9927	0.9938	0.7992	0.9947
17.1	0.7795	0.9959	0.9905	0.8022	0.9875	0.9906	0.6563	0.9924
17.2	0.6125	0.9954	0.9935	0.7572	0.9893	0.9928	0.5298	0.9941
17.3	0.8778	0.9971	0.9944	0.8149	0.9915	0.9928	0.6801	0.9957
17.4	0.9366	0.9962	0.9940	0.8627	0.9903	0.9940	0.8051	0.9941
17.5	0.9597	0.9974	0.9944	0.9113	0.9925	0.9951	0.8085	0.9955
17.6	0.9510	0.9971	0.9950	0.9007	0.9943	0.9949	0.7817	0.9963
17.7	0.9582	0.9972	0.9948	0.9030	0.9935	0.9930	0.8507	0.9952
17.8	0.9540	0.9962	0.9919	0.8740	0.9891	0.9907	0.7957	0.9920
17.9	0.9556	0.9948	0.9932	0.8373	0.9872	0.9909	0.7943	0.9911
18.0	0.9505	0.9941	0.9927	0.8459	0.9881	0.9906	0.8206	0.9916
18.1	0.9679	0.9931	0.9901	0.9103	0.9878	0.9885	0.8658	0.9913
18.2	0.9727	0.9938	0.9888	0.9007	0.9860	0.9881	0.8738	0.9880
18.3	0.9782	0.9938	0.9865	0.8928	0.9838	0.9840	0.8862	0.9872
18.4	0.9778	0.9935	0.9806	0.8744	0.9793	0.9773	0.8708	0.9801
18.5	0.9575	0.9834	0.8793	0.7919	0.8786	0.8666	0.7255	0.8601
18.6	0.9354	0.9787	0.8873	0.7153	0.8982	0.8810	0.6049	0.8914
18.7	0.9264	0.9841	0.9512	0.7976	0.9588	0.9541	0.7763	0.9581
18.8	0.9250	0.9903	0.9778	0.8923	0.9773	0.9818	0.8801	0.9825
18.9	0.9445	0.9930	0.9886	0.9408	0.9850	0.9873	0.9137	0.9879
19.0	0.9549	0.9907	0.9921	0.9545	0.9900	0.9895	0.9490	0.9922
19.1	0.9505	0.9922	0.9903	0.9502	0.9863	0.9889	0.9573	0.9898
19.2	0.9485	0.9915	0.9882	0.9413	0.9825	0.9828	0.9461	0.9861
19.3	0.9747	0.9940	0.9903	0.9589	0.9858	0.9870	0.9569	0.9869
19.4	0.9808	0.9929	0.9900	0.9640	0.9867	0.9845	0.9548	0.9873
19.5	0.9842	0.9923	0.9862	0.9720	0.9857	0.9834	0.9656	0.9852
19.6	0.9886	0.9943	0.9878	0.9783	0.9889	0.9878	0.9747	0.9885
19.7	0.9848	0.9939	0.9859	0.9611	0.9870	0.9849	0.9557	0.9872
19.8	0.9893	0.9923	0.9850	0.9696	0.9890	0.9821	0.9587	0.9874
19.9	0.9871	0.9911	0.9742	0.9454	0.9804	0.9701	0.9372	0.9775
20.0	0.9864	0.9895	0.9623	0.9020	0.9744	0.9629	0.8962	0.9720
20.1	0.9888	0.9912	0.9737	0.9137	0.9888	0.9703	0.9000	0.9879
20.2	0.9888	0.9936	0.9654	0.8681	0.9862	0.9618	0.8480	0.9841
20.3	0.9835	0.9945	0.9535	0.7837	0.9748	0.9515	0.7645	0.9696
20.4	0.9820	0.9936	0.9220	0.7412	0.9570	0.9328	0.7059	0.9455
20.5	0.9833	0.9903	0.8563	0.5970	0.9350	0.8795	0.5552	0.9207
20.6	0.9754	0.9925	0.7439	0.4004	0.8563	0.7744	0.3671	0.8079
20.7	0.9819	0.9917	0.7700	0.4764	0.7678	0.7442	0.4747	0.5860
20.8	0.9781	0.9898	0.7596	0.3094	0.4757	0.7380	0.3151	0.0842
20.9	0.9678	0.9897	0.7850	0.2345	0.0606	0.7572	0.2457	0.1478
21.0	0.9728	0.9899	0.8147	0.2170	0.3176	0.7767	0.2257	0.6160
21.1	0.9668	0.9877	0.9107	0.2290	0.7612	0.8928	0.2405	0.8540
21.2	0.9676	0.9867	0.9313	0.1444	0.8496	0.9243	0.1337	0.9017
21.3	0.9670	0.9870	0.9485	0.0846	0.9308	0.9522	0.0641	0.9573
21.4	0.9566	0.9866	0.9587	0.1844	0.9525	0.9704	0.1490	0.9721
21.5	0.9639	0.9871	0.9686	0.2589	0.9685	0.9716	0.2171	0.9779
21.6	0.9628	0.9850	0.9742	0.1852	0.9684	0.9793	0.1506	0.9812
21.7	0.9458	0.9752	0.9668	0.1651	0.9589	0.9741	0.1469	0.9771
21.8	0.9566	0.9764	0.9785	0.2286	0.9737	0.9799	0.1738	0.9812
21.9	0.9458	0.9768	0.9835	0.0185	0.9784	0.9788	0.0133	0.9801
22.0	0.9638	0.9792	0.9910	0.0648	0.9873	0.9907	0.0441	0.9909
22.1	0.9608	0.9727	0.9904	0.0325	0.9888	0.9899	0.0430	0.9923
22.2	0.9699	0.9809	0.9930	0.0403	0.9928	0.9923	0.1323	0.9951
22.3	0.9495	0.9788	0.9924	0.2142	0.9921	0.9948	0.3447	0.9955
22.4	0.9484	0.9737	0.9934	0.1669	0.9926	0.9949	0.3158	0.9962
22.5	0.9283	0.9631	0.9948	0.1278	0.9927	0.9946	0.2260	0.9961
22.6	0.9386	0.9672	0.9942	0.2854	0.9944	0.9948	0.3512	0.9967
22.7	0.9283	0.9756	0.9951	0.4653	0.9947	0.9954	0.4942	0.9969
22.8	0.9241	0.9742	0.9953	0.5017	0.9933	0.9944	0.4766	0.9967
22.9	0.9205	0.9662	0.9953	0.5731	0.9941	0.9928	0.5197	0.9961
23.0	0.9191	0.9626	0.9950	0.6979	0.9924	0.9930	0.6469	0.9968
23.1	0.9153	0.9622	0.9949	0.6989	0.9922	0.9932	0.6456	0.9965
23.2	0.9153	0.9610	0.9970	0.7309	0.9958	0.9958	0.6670	0.9979
23.3	0.9313	0.9564	0.9972	0.8085	0.9970	0.9964	0.7490	0.9982
23.4	0.9140	0.9511	0.9971	0.8389	0.9965	0.9953	0.7854	0.9977
23.5	0.8755	0.9631	0.9974	0.8630	0.9958	0.9958	0.8053	0.9974
23.6	0.8483	0.9628	0.9975	0.8735	0.9956	0.9972	0.8247	0.9977
23.7	0.7007	0.9540	0.9954	0.8058	0.9942	0.9950	0.7448	0.9968
23.8	0.5506	0.9582	0.9959	0.8174	0.9956	0.9955	0.7661	0.9972
23.9	0.5351	0.9720	0.9968	0.8475	0.9961	0.9965	0.8123	0.9974
24.0	0.4442	0.9670	0.9942	0.8134	0.9935	0.9933	0.7741	0.9960
24.1	0.5468	0.9758	0.9936	0.7158	0.9928	0.9925	0.6815	0.9951
24.2	0.7872	0.9731	0.9943	0.6455	0.9943	0.9936	0.6473	0.9964
24.3	0.8256	0.9670	0.9924	0.6544	0.9925	0.9908	0.6579	0.9951
24.4	0.8855	0.9699	0.9905	0.6443	0.9896	0.9883	0.6407	0.9921
24.5	0.9098	0.9700	0.9931	0.5872	0.9921	0.9917	0.6187	0.9945
24.6	0.9121	0.9744	0.9947	0.4827	0.9942	0.9945	0.5935	0.9963
24.7	0.9375	0.9789	0.9962	0.3789	0.9966	0.9958	0.5261	0.9979
24.8	0.9463	0.9767	0.9973	0.3692	0.9977	0.9966	0.5207	0.9984
24.9	0.9509	0.9743	0.9973	0.4355	0.9975	0.9971	0.5373	0.9983
25.0	0.9266	0.9634	0.9959	0.3628	0.9955	0.9962	0.3954	0.9976
25.1	0.9305	0.9554	0.9951	0.3514	0.9952	0.9950	0.4565	0.9973

25.2	0.9555	0.9677	0.9938	0.3754	0.9939	0.9939	0.5990	0.9966
25.3	0.9568	0.9733	0.9884	0.3245	0.9884	0.9885	0.6556	0.9936
25.4	0.9540	0.9783	0.9861	0.1454	0.9848	0.9846	0.5394	0.9912
25.5	0.9519	0.9662	0.9865	0.2909	0.9852	0.9874	0.5486	0.9905
25.6	0.9405	0.9574	0.9849	0.4339	0.9835	0.9847	0.6278	0.9888
25.7	0.9394	0.9669	0.9876	0.4369	0.9871	0.9866	0.7151	0.9900
25.8	0.9390	0.9579	0.9946	0.3706	0.9940	0.9942	0.7505	0.9951
25.9	0.9625	0.9646	0.9954	0.2907	0.9940	0.9944	0.8291	0.9958
26.0	0.9441	0.9497	0.9936	0.2461	0.9947	0.9941	0.8399	0.9946
26.1	0.9417	0.9199	0.9965	0.6268	0.9968	0.9963	0.9017	0.9966
26.2	0.9504	0.9004	0.9975	0.7370	0.9977	0.9973	0.9130	0.9976
26.3	0.9568	0.8552	0.9978	0.8257	0.9978	0.9975	0.9159	0.9979
26.4	0.9654	0.8321	0.9984	0.9059	0.9980	0.9983	0.9301	0.9984
26.5	0.9666	0.7250	0.9982	0.9105	0.9974	0.9982	0.9194	0.9982
26.6	0.9692	0.6003	0.9980	0.9140	0.9950	0.9985	0.9128	0.9977
26.7	0.9742	0.4006	0.9984	0.9472	0.9963	0.9981	0.9303	0.9976
26.8	0.9564	0.2357	0.9969	0.9444	0.9955	0.9973	0.9117	0.9960
26.9	0.9641	0.3890	0.9977	0.9690	0.9966	0.9979	0.9440	0.9980
27.0	0.9508	0.7069	0.9986	0.9790	0.9981	0.9987	0.9471	0.9981
27.1	0.9557	0.7697	0.9990	0.9853	0.9986	0.9988	0.9558	0.9990
27.2	0.9488	0.7816	0.9989	0.9817	0.9986	0.9986	0.9538	0.9990
27.3	0.9509	0.8353	0.9994	0.9829	0.9991	0.9991	0.9420	0.9993
27.4	0.9044	0.8183	0.9994	0.9839	0.9993	0.9990	0.9458	0.9991
27.5	0.9135	0.8664	0.9992	0.9856	0.9994	0.9992	0.9593	0.9993
27.6	0.8763	0.8910	0.9990	0.9770	0.9988	0.9990	0.9331	0.9990
27.7	0.8161	0.8876	0.9988	0.9742	0.9987	0.9987	0.9112	0.9988
27.8	0.7702	0.8994	0.9989	0.9765	0.9987	0.9990	0.9136	0.9991
27.9	0.7294	0.9008	0.9991	0.9773	0.9990	0.9989	0.9109	0.9991
28.0	0.7439	0.8431	0.9986	0.9705	0.9989	0.9982	0.8625	0.9984
28.1	0.8281	0.7952	0.9987	0.9608	0.9986	0.9984	0.7823	0.9984
28.2	0.7761	0.6933	0.9986	0.9590	0.9988	0.9985	0.6951	0.9985
28.3	0.6825	0.7014	0.9989	0.9641	0.9990	0.9988	0.7015	0.9991
28.4	0.4870	0.7523	0.9991	0.9678	0.9991	0.9992	0.6635	0.9994
28.5	0.7199	0.7939	0.9990	0.9660	0.9991	0.9988	0.5549	0.9993
28.6	0.7661	0.7894	0.9984	0.9609	0.9986	0.9981	0.4134	0.9986
28.7	0.7205	0.6936	0.9979	0.9518	0.9980	0.9982	0.3861	0.9983
28.8	0.6868	0.7461	0.9981	0.9601	0.9982	0.9983	0.3495	0.9982
28.9	0.7642	0.8249	0.9977	0.9656	0.9980	0.9976	0.3264	0.9980
29.0	0.7290	0.7917	0.9970	0.9734	0.9976	0.9969	0.3517	0.9974
29.1	0.7569	0.8140	0.9972	0.9724	0.9975	0.9969	0.5222	0.9975
29.2	0.8213	0.8851	0.9974	0.9802	0.9976	0.9972	0.6942	0.9977
29.3	0.9063	0.9063	0.9977	0.9823	0.9977	0.9976	0.7548	0.9977
29.4	0.9110	0.8804	0.9955	0.9749	0.9958	0.9958	0.7081	0.9961
29.5	0.9145	0.9096	0.9963	0.9675	0.9962	0.9965	0.6069	0.9966
29.6	0.9341	0.9164	0.9975	0.9726	0.9970	0.9973	0.6933	0.9975
29.7	0.9537	0.9229	0.9979	0.9779	0.9977	0.9977	0.7530	0.9979
29.8	0.9513	0.9196	0.9972	0.9758	0.9972	0.9974	0.7876	0.9973
29.9	0.9097	0.9026	0.9910	0.9376	0.9911	0.9910	0.5676	0.9922
30.0	0.9623	0.9096	0.9961	0.9589	0.9957	0.9965	0.6701	0.9964
30.1	0.9746	0.9309	0.9978	0.9746	0.9981	0.9975	0.8233	0.9977
30.2	0.9746	0.9211	0.9973	0.9745	0.9983	0.9975	0.7976	0.9978
30.3	0.9795	0.9213	0.9980	0.9706	0.9985	0.9983	0.7091	0.9984
30.4	0.9827	0.9494	0.9984	0.9668	0.9982	0.9986	0.6926	0.9985
30.5	0.9817	0.9536	0.9979	0.9610	0.9980	0.9981	0.6431	0.9984
30.6	0.9789	0.9373	0.9967	0.9501	0.9968	0.9972	0.6213	0.9973
30.7	0.9712	0.9400	0.9959	0.9308	0.9962	0.9963	0.5393	0.9966
30.8	0.9774	0.9434	0.9957	0.9161	0.9958	0.9964	0.4630	0.9968
30.9	0.9839	0.9317	0.9963	0.9278	0.9966	0.9972	0.5816	0.9977
31.0	0.9795	0.9281	0.9956	0.9090	0.9964	0.9961	0.6109	0.9968
31.1	0.9682	0.9089	0.9934	0.8469	0.9941	0.9936	0.5400	0.9952
31.2	0.9813	0.9080	0.9953	0.8009	0.9963	0.9964	0.5356	0.9972
31.3	0.9862	0.8999	0.9959	0.8265	0.9968	0.9972	0.6297	0.9976
31.4	0.9825	0.8364	0.9935	0.7314	0.9946	0.9956	0.5364	0.9959
31.5	0.9861	0.8077	0.9929	0.6463	0.9957	0.9956	0.6680	0.9961
31.6	0.9843	0.7988	0.9939	0.5624	0.9968	0.9953	0.6520	0.9963
31.7	0.9842	0.6882	0.9915	0.3703	0.9961	0.9951	0.6314	0.9951
31.8	0.9680	0.4686	0.9835	0.2290	0.9916	0.9908	0.6014	0.9897
31.9	0.9850	0.7263	0.9906	0.4026	0.9951	0.9942	0.7384	0.9945
32.0	0.9900	0.7987	0.9916	0.4342	0.9965	0.9965	0.7488	0.9964
32.1	0.9890	0.7863	0.9888	0.4576	0.9959	0.9955	0.7186	0.9963
32.2	0.9885	0.7988	0.9871	0.5276	0.9957	0.9935	0.7070	0.9935
32.3	0.9869	0.8406	0.9879	0.5832	0.9952	0.9930	0.7097	0.9928
32.4	0.9875	0.8382	0.9845	0.6312	0.9946	0.9927	0.7179	0.9933
32.5	0.9887	0.9031	0.9897	0.7880	0.9959	0.9927	0.8172	0.9905
32.6	0.9933	0.9428	0.9941	0.8857	0.9975	0.9948	0.8841	0.9936
32.7	0.9915	0.9170	0.9939	0.8964	0.9971	0.9935	0.8878	0.9925
32.8	0.9915	0.9348	0.9943	0.8885	0.9969	0.9923	0.8581	0.9926
32.9	0.9904	0.9505	0.9949	0.9013	0.9974	0.9944	0.8607	0.9903
33.0	0.9908	0.9420	0.9943	0.8960	0.9973	0.9931	0.8684	0.9874
33.1	0.9914	0.9271	0.9963	0.9316	0.9977	0.9955	0.9101	0.9939
33.2	0.9860	0.9272	0.9947	0.9301	0.9973	0.9940	0.9055	0.9917
33.3	0.9666	0.9227	0.9919	0.8937	0.9967	0.9912	0.8533	0.9877
33.4	0.9681	0.9190	0.9942	0.9272	0.9978	0.9958	0.8852	0.9940
33.5	0.9383	0.9031	0.9938	0.9421	0.9972	0.9934	0.9122	0.9910
33.6	0.9675	0.9389	0.9973	0.9708	0.9981	0.9974	0.9511	0.9973
33.7	0.9482	0.9232	0.9968	0.9612	0.9983	0.9963	0.9196	0.9960

33.8	0.9674	0.8944	0.9983	0.9565	0.9986	0.9978	0.8813	0.9978
33.9	0.9733	0.8735	0.9980	0.9672	0.9981	0.9970	0.8907	0.9970
34.0	0.9777	0.8847	0.9976	0.9679	0.9984	0.9975	0.8963	0.9963
34.1	0.9831	0.9044	0.9982	0.9668	0.9987	0.9979	0.8841	0.9969
34.2	0.9892	0.9236	0.9987	0.9605	0.9988	0.9986	0.8723	0.9980
34.3	0.9929	0.9417	0.9984	0.9637	0.9987	0.9982	0.8760	0.9979
34.4	0.9906	0.9003	0.9981	0.9610	0.9983	0.9978	0.8501	0.9968
34.5	0.9933	0.9242	0.9987	0.9529	0.9986	0.9985	0.8420	0.9975
34.6	0.9949	0.9422	0.9979	0.9596	0.9978	0.9981	0.8614	0.9980
34.7	0.9954	0.9461	0.9977	0.9624	0.9976	0.9974	0.8472	0.9978
34.8	0.9961	0.9454	0.9983	0.9735	0.9983	0.9981	0.8881	0.9979
34.9	0.9970	0.9473	0.9985	0.9783	0.9986	0.9982	0.9199	0.9978
35.0	0.9976	0.9592	0.9984	0.9810	0.9985	0.9980	0.9318	0.9975
35.1	0.9972	0.9456	0.9981	0.9831	0.9983	0.9978	0.9343	0.9974
35.2	0.9965	0.9377	0.9979	0.9812	0.9984	0.9975	0.9091	0.9969
35.3	0.9943	0.9383	0.9959	0.9725	0.9978	0.9949	0.8552	0.9945
35.4	0.9968	0.9625	0.9983	0.9866	0.9990	0.9980	0.9309	0.9977
35.5	0.9970	0.9643	0.9987	0.9884	0.9991	0.9985	0.9245	0.9982
35.6	0.9966	0.9586	0.9983	0.9833	0.9988	0.9980	0.9107	0.9980
35.7	0.9968	0.9574	0.9987	0.9860	0.9990	0.9984	0.9316	0.9981
35.8	0.9970	0.9541	0.9984	0.9876	0.9990	0.9980	0.9383	0.9977
35.9	0.9967	0.9599	0.9984	0.9889	0.9990	0.9980	0.9531	0.9981
36.0	0.9967	0.9596	0.9978	0.9898	0.9986	0.9973	0.9543	0.9974
36.1	0.9966	0.9483	0.9973	0.9888	0.9983	0.9972	0.9571	0.9973
36.2	0.9962	0.9296	0.9973	0.9863	0.9982	0.9972	0.9571	0.9974
36.3	0.9965	0.9367	0.9983	0.9877	0.9988	0.9982	0.9686	0.9981
36.4	0.9961	0.9355	0.9977	0.9893	0.9981	0.9973	0.9680	0.9980
36.5	0.9972	0.9519	0.9982	0.9926	0.9989	0.9980	0.9823	0.9983
36.6	0.9980	0.9483	0.9982	0.9917	0.9990	0.9982	0.9795	0.9986
36.7	0.9975	0.9294	0.9984	0.9938	0.9988	0.9983	0.9787	0.9985
36.8	0.9980	0.9241	0.9988	0.9930	0.9990	0.9987	0.9802	0.9987
36.9	0.9985	0.9336	0.9979	0.9929	0.9988	0.9978	0.9822	0.9985
37.0	0.9985	0.9467	0.9986	0.9953	0.9993	0.9986	0.9893	0.9990
37.1	0.9973	0.9260	0.9982	0.9925	0.9991	0.9982	0.9851	0.9987
37.2	0.9981	0.9238	0.9980	0.9916	0.9991	0.9979	0.9835	0.9986
37.3	0.9973	0.9223	0.9977	0.9917	0.9988	0.9975	0.9825	0.9990
37.4	0.9975	0.8928	0.9981	0.9905	0.9987	0.9979	0.9829	0.9989
37.5	0.9979	0.8850	0.9971	0.9908	0.9988	0.9970	0.9848	0.9988
37.6	0.9977	0.9050	0.9981	0.9923	0.9988	0.9981	0.9856	0.9988
37.7	0.9971	0.9007	0.9983	0.9914	0.9985	0.9981	0.9848	0.9989
37.8	0.9971	0.8783	0.9983	0.9913	0.9984	0.9981	0.9852	0.9988
37.9	0.9954	0.8298	0.9977	0.9875	0.9972	0.9973	0.9801	0.9983
38.0	0.9971	0.8629	0.9980	0.9894	0.9979	0.9975	0.9842	0.9988
38.1	0.9969	0.8282	0.9976	0.9868	0.9972	0.9972	0.9804	0.9983
38.2	0.9979	0.7729	0.9985	0.9942	0.9979	0.9982	0.9917	0.9983
38.3	0.9982	0.7321	0.9985	0.9924	0.9979	0.9984	0.9872	0.9976
38.4	0.9982	0.6672	0.9979	0.9927	0.9983	0.9982	0.9878	0.9974
38.5	0.9974	0.7040	0.9980	0.9928	0.9974	0.9983	0.9862	0.9965
38.6	0.9981	0.7033	0.9975	0.9896	0.9965	0.9978	0.9809	0.9961
38.7	0.9974	0.6773	0.9981	0.9897	0.9966	0.9982	0.9807	0.9970
38.8	0.9977	0.6845	0.9982	0.9912	0.9957	0.9983	0.9825	0.9971
38.9	0.9983	0.6648	0.9983	0.9918	0.9960	0.9984	0.9840	0.9972
39.0	0.9979	0.5428	0.9976	0.9911	0.9956	0.9980	0.9795	0.9968
39.1	0.9981	0.5934	0.9977	0.9917	0.9953	0.9982	0.9784	0.9977
39.2	0.9980	0.4235	0.9972	0.9876	0.9933	0.9978	0.9666	0.9975
39.3	0.9984	0.2604	0.9977	0.9805	0.9943	0.9985	0.9637	0.9978
39.4	0.9974	0.1024	0.9972	0.9270	0.9926	0.9980	0.9276	0.9974
39.5	0.9975	0.0311	0.9970	0.9511	0.9926	0.9975	0.9067	0.9977
39.6	0.9974	0.0160	0.9959	0.9705	0.9936	0.9970	0.8911	0.9976
39.7	0.9971	0.0808	0.9963	0.9533	0.9912	0.9971	0.8498	0.9969
39.8	0.9969	0.0873	0.9970	0.9006	0.9882	0.9978	0.7067	0.9968
39.9	0.9970	0.2217	0.9966	0.8703	0.9873	0.9973	0.5383	0.9974
40.0	0.9978	0.3213	0.9970	0.8092	0.9886	0.9976	0.4282	0.9973
40.1	0.9974	0.4771	0.9970	0.6455	0.9858	0.9976	0.5060	0.9968
40.2	0.9977	0.5729	0.9974	0.6624	0.9889	0.9980	0.5617	0.9972
40.3	0.9976	0.5761	0.9980	0.6901	0.9879	0.9987	0.6300	0.9965
40.4	0.9979	0.5822	0.9977	0.8026	0.9896	0.9982	0.7860	0.9964
40.5	0.9977	0.6797	0.9983	0.8632	0.9907	0.9985	0.8810	0.9969
40.6	0.9976	0.7031	0.9979	0.9179	0.9878	0.9982	0.9109	0.9969
40.7	0.9967	0.6551	0.9966	0.9278	0.9842	0.9969	0.8886	0.9953
40.8	0.9969	0.7347	0.9976	0.9550	0.9859	0.9975	0.9277	0.9957
40.9	0.9973	0.7824	0.9986	0.9656	0.9897	0.9986	0.9488	0.9965
41.0	0.9972	0.7422	0.9981	0.9629	0.9860	0.9981	0.9443	0.9959
41.1	0.9962	0.7232	0.9976	0.9514	0.9792	0.9977	0.9270	0.9958
41.2	0.9963	0.7953	0.9983	0.9693	0.9838	0.9981	0.9548	0.9948
41.3	0.9956	0.7851	0.9983	0.9781	0.9819	0.9984	0.9674	0.9900
41.4	0.9958	0.7793	0.9982	0.9769	0.9777	0.9983	0.9592	0.9838
41.5	0.9966	0.8104	0.9982	0.9721	0.9815	0.9984	0.9476	0.9911
41.6	0.9960	0.8388	0.9985	0.9505	0.9757	0.9982	0.9031	0.9938
41.7	0.9956	0.8505	0.9983	0.9463	0.9622	0.9986	0.9104	0.9926
41.8	0.9937	0.8637	0.9974	0.9442	0.9659	0.9980	0.9200	0.9835
41.9	0.9933	0.8583	0.9975	0.9647	0.9752	0.9984	0.9471	0.9796
42.0	0.9928	0.8404	0.9982	0.9727	0.9724	0.9986	0.9592	0.9865
42.1	0.9908	0.8209	0.9984	0.9714	0.9777	0.9988	0.9561	0.9892
42.2	0.9929	0.8293	0.9980	0.9554	0.9749	0.9988	0.9372	0.9919
42.3	0.9893	0.8337	0.9970	0.9249	0.9738	0.9978	0.8987	0.9933

42.4	0.9879	0.7566	0.9973	0.9461	0.9829	0.9974	0.9306	0.9926
42.5	0.9875	0.7962	0.9973	0.9530	0.9805	0.9976	0.9358	0.9886
42.6	0.9858	0.8283	0.9980	0.9569	0.9796	0.9971	0.9411	0.9890
42.7	0.9854	0.8678	0.9956	0.9482	0.9849	0.9978	0.9314	0.9914
42.8	0.9868	0.8430	0.9975	0.9516	0.9724	0.9968	0.9328	0.9890
42.9	0.9923	0.8553	0.9983	0.9643	0.9745	0.9965	0.9452	0.9887
43.0	0.9900	0.8556	0.9969	0.9497	0.9886	0.9954	0.9259	0.9870
43.1	0.9892	0.8954	0.9964	0.9358	0.9907	0.9953	0.8904	0.9862
43.2	0.9901	0.9027	0.9975	0.9235	0.9822	0.9964	0.8860	0.9805
43.3	0.9945	0.9047	0.9974	0.9548	0.9825	0.9969	0.9336	0.9744
43.4	0.9932	0.8914	0.9967	0.9487	0.9872	0.9969	0.9331	0.9727
43.5	0.9913	0.8664	0.9957	0.9338	0.9828	0.9946	0.9167	0.9672
43.6	0.9885	0.8352	0.9953	0.9312	0.9788	0.9902	0.9132	0.9681
43.7	0.9924	0.8533	0.9942	0.9328	0.9852	0.9914	0.9085	0.9732
43.8	0.9919	0.8410	0.9924	0.8974	0.9793	0.9929	0.8604	0.9590
43.9	0.9936	0.8750	0.9904	0.9159	0.9802	0.9937	0.8899	0.9533
44.0	0.9844	0.8644	0.9867	0.9041	0.9800	0.9881	0.8821	0.9353
44.1	0.9871	0.8246	0.9880	0.9058	0.9741	0.9803	0.8866	0.8819
44.2	0.9882	0.7871	0.9849	0.8858	0.9619	0.9639	0.8667	0.8410
44.3	0.9882	0.7923	0.9878	0.8810	0.9606	0.9443	0.8595	0.8150
44.4	0.9883	0.8331	0.9910	0.9142	0.9724	0.9393	0.8958	0.9079
44.5	0.9909	0.8423	0.9866	0.8881	0.9731	0.9564	0.8596	0.9187
44.6	0.9836	0.7863	0.9807	0.8295	0.9647	0.9360	0.7949	0.8924
44.7	0.9909	0.8423	0.9794	0.8357	0.9744	0.9509	0.7951	0.9199
44.8	0.9766	0.8584	0.9665	0.7881	0.9753	0.9613	0.6998	0.9202
44.9	0.9680	0.7851	0.9227	0.7118	0.9292	0.9490	0.6309	0.8322
45.0	0.9825	0.7576	0.8663	0.7286	0.9131	0.9294	0.6728	0.7840
45.1	0.9869	0.7485	0.8732	0.7566	0.9375	0.9148	0.7150	0.7671
45.2	0.9806	0.7680	0.9099	0.7526	0.9324	0.9114	0.7236	0.7666
45.3	0.9723	0.7001	0.8775	0.6957	0.9057	0.8529	0.6652	0.6881
45.4	0.9839	0.6579	0.9110	0.7265	0.9306	0.8536	0.6913	0.6389
45.5	0.9820	0.7154	0.9149	0.7753	0.9289	0.8152	0.7473	0.5548
45.6	0.9742	0.6968	0.9086	0.7560	0.9285	0.7104	0.7295	0.4165
45.7	0.9797	0.6715	0.8978	0.7490	0.9226	0.5689	0.7256	0.4052
45.8	0.9788	0.6985	0.8969	0.7764	0.9224	0.6476	0.7555	0.4888
45.9	0.9780	0.7614	0.9097	0.8257	0.9289	0.7330	0.8088	0.5332
46.0	0.9758	0.8440	0.9374	0.8403	0.9410	0.6942	0.8282	0.5817
46.1	0.9787	0.7571	0.9274	0.8010	0.9398	0.4487	0.7892	0.3616
46.2	0.9780	0.7553	0.9270	0.7909	0.9306	0.2887	0.7801	0.2867
46.3	0.9752	0.6750	0.8759	0.7222	0.8680	0.2015	0.7071	0.2095
46.4	0.9391	0.7376	0.9049	0.7930	0.8653	0.3050	0.7842	0.3251
46.5	0.9155	0.7793	0.9439	0.8402	0.9290	0.4014	0.8360	0.5137
46.6	0.9220	0.7926	0.9458	0.8322	0.9530	0.3944	0.8253	0.3821
46.7	0.9333	0.8002	0.9460	0.8302	0.9437	0.2237	0.8217	0.1846
46.8	0.9264	0.7792	0.9423	0.8320	0.9307	0.3102	0.8259	0.3965
46.9	0.9413	0.8083	0.9512	0.8662	0.9394	0.5549	0.8639	0.6259
47.0	0.9328	0.7962	0.9432	0.8142	0.9134	0.6160	0.8169	0.6232
47.1	0.8964	0.7918	0.9421	0.7864	0.9052	0.7480	0.7885	0.6587
47.2	0.9163	0.8401	0.9509	0.8496	0.9301	0.8034	0.8442	0.4551
47.3	0.9166	0.8298	0.9446	0.8623	0.9321	0.6378	0.8554	0.2910
47.4	0.8773	0.7485	0.9054	0.7857	0.8884	0.4139	0.7780	0.3100
47.5	0.8350	0.6238	0.8648	0.6952	0.8231	0.3815	0.6925	0.3446
47.6	0.9253	0.7825	0.9292	0.8306	0.8742	0.6847	0.8325	0.7135
47.7	0.9273	0.7618	0.9285	0.8040	0.8457	0.7384	0.8126	0.7660
47.8	0.9277	0.8273	0.9563	0.8858	0.9246	0.8632	0.8939	0.8610
47.9	0.9236	0.8548	0.9737	0.9137	0.9612	0.8498	0.9153	0.8175
48.0	0.9298	0.8807	0.9774	0.9251	0.9677	0.8926	0.9278	0.8830
48.1	0.9122	0.8455	0.9669	0.8898	0.9585	0.8814	0.8916	0.7674
48.2	0.8666	0.7851	0.9546	0.8400	0.9437	0.8125	0.8394	0.6877
48.3	0.8643	0.8130	0.9619	0.8493	0.9402	0.8659	0.8538	0.8102
48.4	0.8540	0.8313	0.9554	0.8640	0.9351	0.9135	0.8700	0.8025
48.5	0.8383	0.8118	0.9499	0.8915	0.9399	0.9286	0.9003	0.8168
48.6	0.8722	0.8815	0.9661	0.8897	0.9589	0.9377	0.8935	0.9001
48.7	0.8838	0.9274	0.9701	0.9103	0.9676	0.9483	0.9134	0.9377
48.8	0.7834	0.8971	0.9654	0.8988	0.9684	0.9655	0.9077	0.9289
48.9	0.7016	0.8224	0.9550	0.8852	0.9636	0.9725	0.8976	0.8723
49.0	0.7389	0.8378	0.9619	0.8889	0.9653	0.9806	0.8938	0.7917
49.1	0.7587	0.8357	0.9593	0.8563	0.9582	0.9793	0.8445	0.4792
49.2	0.7791	0.8920	0.9737	0.9068	0.9616	0.9624	0.8967	0.6326
49.3	0.8001	0.9475	0.9833	0.9485	0.9723	0.9613	0.9467	0.8910
49.4	0.6300	0.8465	0.9501	0.8747	0.9368	0.9441	0.8736	0.8205
49.5	0.3702	0.7540	0.9170	0.8016	0.9167	0.9274	0.7970	0.6912
49.6	0.2549	0.6582	0.8853	0.7182	0.8957	0.9025	0.7095	0.5717
49.7	0.3280	0.7442	0.9118	0.7798	0.9114	0.9102	0.7736	0.6880
49.8	0.4726	0.8999	0.9594	0.8985	0.9526	0.9541	0.8983	0.8940
49.9	0.4153	0.9276	0.9739	0.9107	0.9552	0.9672	0.9105	0.8914
50.0	0.1767	0.8172	0.9447	0.8660	0.9478	0.9683	0.8614	0.7211
50.1	0.2199	0.8460	0.9481	0.8970	0.9521	0.9740	0.8944	0.8007
50.2	0.3247	0.7579	0.9195	0.8399	0.9235	0.9586	0.8409	0.7829
50.3	0.5439	0.8161	0.9374	0.8591	0.9417	0.9699	0.8670	0.8662
50.4	0.5175	0.8804	0.9619	0.8993	0.9729	0.9817	0.9020	0.8861
50.5	0.5236	0.9662	0.9907	0.9641	0.9919	0.9826	0.9638	0.9569
50.6	0.5628	0.8994	0.9758	0.9368	0.9778	0.9717	0.9388	0.9173
50.7	0.5772	0.8413	0.9633	0.9255	0.9669	0.9855	0.9280	0.8403
50.8	0.7314	0.8782	0.9662	0.9465	0.9669	0.9893	0.9473	0.8765
50.9	0.5510	0.7810	0.9228	0.8712	0.9216	0.9812	0.8685	0.7437

51.0	0.5422	0.7548	0.9095	0.8328	0.8895	0.9646	0.8274	0.6711
51.1	0.8771	0.9386	0.9603	0.8943	0.9189	0.9598	0.8941	0.8332
51.2	0.9031	0.8718	0.9250	0.8648	0.8960	0.9638	0.8690	0.8410
51.3	0.9056	0.8725	0.9370	0.8983	0.9361	0.9737	0.9013	0.8884
51.4	0.8804	0.8778	0.9399	0.9065	0.9501	0.9743	0.9073	0.8915
51.5	0.9052	0.9283	0.9651	0.9017	0.9526	0.9492	0.8991	0.8686
51.6	0.9260	0.9248	0.9730	0.9343	0.9635	0.9401	0.9338	0.9198
51.7	0.9413	0.9434	0.9746	0.9509	0.9688	0.9640	0.9523	0.9488
51.8	0.9576	0.9657	0.9748	0.9606	0.9740	0.9692	0.9626	0.9650
51.9	0.9692	0.9565	0.9735	0.9566	0.9614	0.9569	0.9580	0.9352
52.0	0.9621	0.9472	0.9775	0.9726	0.9757	0.9754	0.9737	0.9679
52.1	0.9675	0.9462	0.9745	0.9644	0.9744	0.9788	0.9668	0.9709
52.2	0.9587	0.9268	0.9587	0.9425	0.9573	0.9695	0.9476	0.9600
52.3	0.9697	0.9477	0.9559	0.9477	0.9545	0.9738	0.9517	0.9498
52.4	0.9582	0.9145	0.9500	0.9216	0.9486	0.9528	0.9248	0.8996
52.5	0.9581	0.9189	0.9623	0.9415	0.9526	0.9635	0.9435	0.9349
52.6	0.9791	0.9471	0.9748	0.9659	0.9651	0.9816	0.9683	0.9748
52.7	0.9730	0.9383	0.9659	0.9263	0.9523	0.9678	0.9331	0.9573
52.8	0.9680	0.9454	0.9630	0.9344	0.9557	0.9545	0.9387	0.9543
52.9	0.9377	0.9057	0.9479	0.9358	0.9428	0.9582	0.9392	0.9517
53.0	0.9558	0.9678	0.9837	0.9799	0.9840	0.9792	0.9813	0.9903
53.1	0.9560	0.9317	0.9605	0.9557	0.9634	0.9713	0.9595	0.9777
53.2	0.9771	0.9547	0.9696	0.9687	0.9716	0.9814	0.9719	0.9859
53.3	0.9776	0.9448	0.9573	0.9616	0.9687	0.9815	0.9662	0.9841
53.4	0.9785	0.9323	0.9563	0.9561	0.9644	0.9865	0.9623	0.9820
53.5	0.9761	0.9295	0.9613	0.9520	0.9625	0.9846	0.9599	0.9800
53.6	0.9850	0.9532	0.9722	0.9504	0.9693	0.9864	0.9578	0.9772
53.7	0.9766	0.9430	0.9651	0.9314	0.9664	0.9769	0.9412	0.9702
53.8	0.9769	0.9285	0.9606	0.9283	0.9521	0.9690	0.9368	0.9611
53.9	0.9709	0.9264	0.9562	0.9311	0.9510	0.9696	0.9383	0.9670
54.0	0.9755	0.9519	0.9653	0.9548	0.9624	0.9781	0.9605	0.9812
54.1	0.9482	0.9555	0.9483	0.9282	0.9380	0.9683	0.9381	0.9673
54.2	0.9607	0.9476	0.9568	0.9103	0.9476	0.9565	0.9200	0.9530
54.3	0.9521	0.9475	0.9742	0.9569	0.9689	0.9698	0.9613	0.9797
54.4	0.9653	0.9457	0.9721	0.9686	0.9741	0.9834	0.9722	0.9874
54.5	0.9719	0.9462	0.9675	0.9645	0.9644	0.9808	0.9696	0.9872
54.6	0.9776	0.9574	0.9673	0.9731	0.9651	0.9876	0.9768	0.9889
54.7	0.9846	0.9727	0.9727	0.9737	0.9639	0.9875	0.9772	0.9798
54.8	0.9803	0.9562	0.9732	0.9709	0.9653	0.9839	0.9746	0.9792
54.9	0.9820	0.9598	0.9711	0.9766	0.9729	0.9895	0.9798	0.9897
55.0	0.9830	0.9606	0.9631	0.9788	0.9663	0.9917	0.9823	0.9913
55.1	0.9884	0.9698	0.9749	0.9895	0.9825	0.9955	0.9914	0.9957
55.2	0.9846	0.9673	0.9687	0.9859	0.9737	0.9931	0.9882	0.9942
55.3	0.9876	0.9653	0.9629	0.9840	0.9701	0.9935	0.9864	0.9949
55.4	0.9711	0.9554	0.9427	0.9673	0.9453	0.9898	0.9732	0.9904
55.5	0.9704	0.9631	0.9520	0.9584	0.9535	0.9888	0.9651	0.9874
55.6	0.9841	0.9567	0.9601	0.9757	0.9642	0.9927	0.9792	0.9913
55.7	0.9912	0.9737	0.9689	0.9881	0.9759	0.9962	0.9900	0.9958
55.8	0.9902	0.9647	0.9549	0.9849	0.9683	0.9942	0.9871	0.9948
55.9	0.9872	0.9508	0.9427	0.9805	0.9579	0.9935	0.9834	0.9918
56.0	0.9839	0.9666	0.9342	0.9533	0.9266	0.9899	0.9619	0.9827
56.1	0.9786	0.9685	0.9358	0.9423	0.9116	0.9824	0.9515	0.9759
56.2	0.9868	0.9744	0.9736	0.9844	0.9649	0.9937	0.9873	0.9937
56.3	0.9891	0.9704	0.9676	0.9897	0.9776	0.9962	0.9915	0.9959
56.4	0.9874	0.9572	0.9661	0.9877	0.9701	0.9951	0.9898	0.9951
56.5	0.9893	0.9621	0.9547	0.9825	0.9638	0.9935	0.9854	0.9940
56.6	0.9931	0.9786	0.9740	0.9896	0.9791	0.9960	0.9913	0.9967
56.7	0.9940	0.9801	0.9710	0.9927	0.9848	0.9975	0.9939	0.9974
56.8	0.9916	0.9773	0.9648	0.9915	0.9802	0.9956	0.9928	0.9972
56.9	0.9904	0.9758	0.9365	0.9903	0.9757	0.9959	0.9919	0.9958
57.0	0.9895	0.9757	0.9459	0.9893	0.9719	0.9965	0.9913	0.9955
57.1	0.9878	0.9805	0.9404	0.9774	0.9540	0.9954	0.9813	0.9903
57.2	0.9827	0.9767	0.9199	0.9503	0.9306	0.9900	0.9590	0.9824
57.3	0.9793	0.9680	0.8947	0.9689	0.9205	0.9903	0.9740	0.9895
57.4	0.9817	0.9788	0.9139	0.9854	0.9537	0.9945	0.9878	0.9951
57.5	0.9808	0.9727	0.8951	0.9855	0.9471	0.9949	0.9877	0.9947
57.6	0.9878	0.9767	0.8994	0.9841	0.9451	0.9953	0.9867	0.9952
57.7	0.9847	0.9831	0.8929	0.9872	0.9480	0.9963	0.9895	0.9962
57.8	0.9803	0.9833	0.9233	0.9903	0.9615	0.9969	0.9920	0.9964
57.9	0.9838	0.9838	0.9265	0.9886	0.9559	0.9953	0.9906	0.9961
58.0	0.9811	0.9859	0.9154	0.9881	0.9404	0.9949	0.9902	0.9970
58.1	0.9760	0.9833	0.9135	0.9886	0.9391	0.9956	0.9904	0.9965
58.2	0.9715	0.9844	0.9001	0.9871	0.9295	0.9950	0.9890	0.9959
58.3	0.9819	0.9875	0.8739	0.9894	0.9059	0.9959	0.9911	0.9969
58.4	0.9796	0.9859	0.8777	0.9884	0.8940	0.9955	0.9905	0.9960
58.5	0.9619	0.9806	0.8822	0.9839	0.8925	0.9949	0.9859	0.9940
58.6	0.9627	0.9848	0.8880	0.9815	0.8207	0.9942	0.9841	0.9944
58.7	0.9696	0.9856	0.9030	0.9842	0.6959	0.9937	0.9868	0.9961
58.8	0.9627	0.9837	0.9036	0.9848	0.6163	0.9938	0.9872	0.9960
58.9	0.9499	0.9862	0.9143	0.9839	0.7144	0.9942	0.9863	0.9960
59.0	0.8315	0.9809	0.9015	0.9743	0.7257	0.9915	0.9781	0.9951
59.1	0.9153	0.9836	0.9380	0.9847	0.8319	0.9953	0.9868	0.9969
59.2	0.9666	0.9771	0.9514	0.9868	0.8697	0.9952	0.9890	0.9958
59.3	0.9727	0.9813	0.9621	0.9850	0.8918	0.9947	0.9873	0.9952
59.4	0.9764	0.9859	0.9658	0.9834	0.9268	0.9946	0.9852	0.9951
59.5	0.9788	0.9882	0.9758	0.9839	0.9463	0.9943	0.9858	0.9958

59.6	0.9817	0.9906	0.9811	0.9888	0.9617	0.9957	0.9903	0.9966
59.7	0.9818	0.9887	0.9761	0.9856	0.9607	0.9953	0.9878	0.9964
59.8	0.9805	0.9802	0.9730	0.9830	0.9691	0.9940	0.9854	0.9944
59.9	0.9720	0.9732	0.9654	0.9801	0.9769	0.9919	0.9820	0.9920
60.0	0.9772	0.9846	0.9376	0.9842	0.9818	0.9934	0.9854	0.9937
60.1	0.9845	0.9872	0.9626	0.9858	0.9845	0.9953	0.9879	0.9958
60.2	0.9823	0.9806	0.9679	0.9757	0.9851	0.9920	0.9786	0.9933
60.3	0.9859	0.9797	0.9685	0.9784	0.9853	0.9925	0.9809	0.9930
60.4	0.9835	0.9795	0.9696	0.9817	0.9866	0.9932	0.9839	0.9939
60.5	0.9790	0.9825	0.9651	0.9837	0.9841	0.9941	0.9854	0.9942
60.6	0.9814	0.9859	0.9467	0.9803	0.9801	0.9938	0.9825	0.9941
60.7	0.9767	0.9804	0.9513	0.9764	0.9825	0.9924	0.9788	0.9924
60.8	0.9765	0.9733	0.9584	0.9786	0.9855	0.9926	0.9810	0.9932
60.9	0.9805	0.9756	0.9622	0.9821	0.9878	0.9932	0.9839	0.9941
61.0	0.9774	0.9758	0.9585	0.9813	0.9806	0.9936	0.9833	0.9947
61.1	0.9712	0.9790	0.9597	0.9785	0.9799	0.9925	0.9805	0.9936
61.2	0.9743	0.9749	0.9633	0.9723	0.9826	0.9912	0.9746	0.9913
61.3	0.9776	0.9721	0.9687	0.9689	0.9823	0.9903	0.9715	0.9918
61.4	0.9780	0.9695	0.9704	0.9709	0.9808	0.9909	0.9728	0.9915
61.5	0.9815	0.9774	0.9741	0.9750	0.9830	0.9916	0.9763	0.9924
61.6	0.9825	0.9752	0.9782	0.9737	0.9854	0.9905	0.9748	0.9923
61.7	0.9777	0.9711	0.9820	0.9670	0.9851	0.9870	0.9683	0.9890
61.8	0.9863	0.9648	0.9858	0.9727	0.9867	0.9905	0.9738	0.9917
61.9	0.9877	0.9693	0.9849	0.9756	0.9878	0.9925	0.9765	0.9930
62.0	0.9899	0.9748	0.9892	0.9825	0.9898	0.9938	0.9827	0.9944
62.1	0.9907	0.9701	0.9902	0.9833	0.9896	0.9942	0.9838	0.9940
62.2	0.9918	0.9759	0.9917	0.9846	0.9907	0.9948	0.9853	0.9947
62.3	0.9924	0.9834	0.9926	0.9851	0.9905	0.9946	0.9858	0.9950
62.4	0.9910	0.9799	0.9915	0.9811	0.9912	0.9940	0.9819	0.9952
62.5	0.9877	0.9768	0.9913	0.9823	0.9906	0.9940	0.9827	0.9945
62.6	0.9903	0.9823	0.9936	0.9873	0.9928	0.9955	0.9877	0.9956
62.7	0.9899	0.9810	0.9933	0.9859	0.9915	0.9960	0.9864	0.9966
62.8	0.9890	0.9755	0.9935	0.9844	0.9905	0.9953	0.9845	0.9952
62.9	0.9913	0.9792	0.9952	0.9890	0.9926	0.9959	0.9888	0.9960
63.0	0.9915	0.9831	0.9957	0.9903	0.9933	0.9965	0.9904	0.9969
63.1	0.9920	0.9811	0.9944	0.9893	0.9904	0.9953	0.9893	0.9941
63.2	0.9917	0.9859	0.9954	0.9913	0.9905	0.9948	0.9910	0.9937
63.3	0.9914	0.9883	0.9964	0.9911	0.9935	0.9956	0.9910	0.9953
63.4	0.9899	0.9878	0.9963	0.9927	0.9934	0.9965	0.9927	0.9952
63.5	0.9885	0.9861	0.9947	0.9914	0.9910	0.9964	0.9914	0.9945
63.6	0.9913	0.9902	0.9969	0.9920	0.9934	0.9970	0.9918	0.9963
63.7	0.9901	0.9919	0.9965	0.9922	0.9918	0.9958	0.9919	0.9949
63.8	0.9854	0.9886	0.9950	0.9862	0.9885	0.9919	0.9852	0.9913
63.9	0.9784	0.9797	0.9925	0.9862	0.9802	0.9906	0.9850	0.9881
64.0	0.9842	0.9862	0.9952	0.9914	0.9871	0.9942	0.9903	0.9924
64.1	0.9889	0.9943	0.9972	0.9936	0.9944	0.9969	0.9929	0.9960
64.2	0.9897	0.9927	0.9956	0.9905	0.9922	0.9959	0.9898	0.9938
64.3	0.9824	0.9920	0.9951	0.9894	0.9914	0.9952	0.9885	0.9927
64.4	0.9802	0.9923	0.9955	0.9922	0.9915	0.9950	0.9914	0.9931
64.5	0.9759	0.9895	0.9944	0.9892	0.9891	0.9940	0.9878	0.9922
64.6	0.9671	0.9911	0.9946	0.9896	0.9885	0.9941	0.9887	0.9911
64.7	0.9437	0.9909	0.9930	0.9889	0.9861	0.9936	0.9884	0.9887
64.8	0.9627	0.9942	0.9950	0.9900	0.9903	0.9955	0.9893	0.9924
64.9	0.9538	0.9939	0.9949	0.9896	0.9915	0.9944	0.9891	0.9922
65.0	0.9332	0.9932	0.9953	0.9884	0.9935	0.9933	0.9867	0.9922
65.1	0.8813	0.9916	0.9920	0.9832	0.9873	0.9904	0.9815	0.9874
65.2	0.8935	0.9912	0.9931	0.9837	0.9885	0.9908	0.9812	0.9866
65.3	0.8789	0.9935	0.9947	0.9891	0.9904	0.9941	0.9879	0.9909
65.4	0.8462	0.9942	0.9954	0.9907	0.9924	0.9948	0.9894	0.9920
65.5	0.7981	0.9952	0.9942	0.9881	0.9910	0.9922	0.9864	0.9897
65.6	0.6820	0.9940	0.9921	0.9822	0.9849	0.9906	0.9789	0.9862
65.7	0.6864	0.9927	0.9920	0.9804	0.9859	0.9906	0.9765	0.9852
65.8	0.7168	0.9924	0.9903	0.9767	0.9865	0.9889	0.9724	0.9838
65.9	0.7571	0.9921	0.9914	0.9802	0.9881	0.9903	0.9758	0.9871
66.0	0.8444	0.9935	0.9916	0.9808	0.9889	0.9918	0.9767	0.9881
66.1	0.8664	0.9951	0.9928	0.9816	0.9909	0.9934	0.9763	0.9904
66.2	0.9101	0.9947	0.9928	0.9830	0.9907	0.9934	0.9774	0.9902
66.3	0.8972	0.9940	0.9894	0.9804	0.9865	0.9907	0.9762	0.9861
66.4	0.9259	0.9946	0.9882	0.9808	0.9850	0.9895	0.9731	0.9850
66.5	0.9362	0.9946	0.9882	0.9773	0.9849	0.9893	0.9678	0.9853
66.6	0.9360	0.9941	0.9857	0.9730	0.9832	0.9885	0.9614	0.9833
66.7	0.9564	0.9957	0.9886	0.9754	0.9866	0.9893	0.9608	0.9855
66.8	0.9599	0.9964	0.9875	0.9754	0.9852	0.9872	0.9628	0.9825
66.9	0.9428	0.9937	0.9810	0.9684	0.9784	0.9854	0.9535	0.9772
67.0	0.9663	0.9946	0.9860	0.9731	0.9838	0.9879	0.9560	0.9826
67.1	0.9660	0.9950	0.9849	0.9767	0.9822	0.9861	0.9650	0.9800
67.2	0.9376	0.9924	0.9745	0.9620	0.9693	0.9786	0.9386	0.9688
67.3	0.9609	0.9942	0.9820	0.9775	0.9766	0.9821	0.9550	0.9769
67.4	0.9603	0.9940	0.9846	0.9699	0.9811	0.9844	0.9208	0.9813
67.5	0.9704	0.9948	0.9832	0.9602	0.9803	0.9844	0.8894	0.9799
67.6	0.9619	0.9942	0.9796	0.9577	0.9762	0.9815	0.8975	0.9731
67.7	0.9641	0.9922	0.9790	0.9747	0.9741	0.9804	0.9395	0.9718
67.8	0.9694	0.9927	0.9784	0.9632	0.9740	0.9811	0.8758	0.9747
67.9	0.9679	0.9926	0.9784	0.9456	0.9743	0.9789	0.7802	0.9735
68.0	0.9649	0.9915	0.9787	0.9511	0.9742	0.9829	0.7491	0.9736
68.1	0.9649	0.9894	0.9738	0.9352	0.9689	0.9771	0.7172	0.9679

68.2	0.9567	0.9885	0.9706	0.9194	0.9643	0.9728	0.6770	0.9635
68.3	0.9663	0.9891	0.9759	0.9396	0.9724	0.9779	0.7883	0.9716
68.4	0.9608	0.9876	0.9708	0.9273	0.9665	0.9751	0.8200	0.9664
68.5	0.9606	0.9886	0.9716	0.9083	0.9657	0.9745	0.8579	0.9627
68.6	0.9607	0.9861	0.9698	0.9223	0.9647	0.9719	0.8694	0.9625
68.7	0.9620	0.9870	0.9691	0.9103	0.9646	0.9676	0.8765	0.9625
68.8	0.9672	0.9862	0.9723	0.9369	0.9682	0.9736	0.9188	0.9679
68.9	0.9547	0.9795	0.9615	0.9238	0.9580	0.9635	0.9094	0.9556
69.0	0.9682	0.9857	0.9732	0.9471	0.9702	0.9724	0.9432	0.9691
69.1	0.9588	0.9814	0.9666	0.9444	0.9615	0.9685	0.9380	0.9622
69.2	0.9610	0.9811	0.9692	0.9506	0.9646	0.9719	0.9494	0.9637
69.3	0.9441	0.9742	0.9540	0.9385	0.9486	0.9592	0.9344	0.9472
69.4	0.9683	0.9800	0.9724	0.9524	0.9675	0.9743	0.9501	0.9665
69.5	0.9561	0.9722	0.9607	0.9442	0.9537	0.9593	0.9388	0.9512
69.6	0.9569	0.9708	0.9629	0.9474	0.9558	0.9615	0.9415	0.9520
69.7	0.9560	0.9682	0.9617	0.9372	0.9543	0.9623	0.9330	0.9532
69.8	0.9551	0.9624	0.9595	0.9411	0.9518	0.9632	0.9385	0.9529
69.9	0.9687	0.9729	0.9729	0.9509	0.9675	0.9745	0.9501	0.9677
70.0	0.9673	0.9701	0.9702	0.9518	0.9658	0.9695	0.9496	0.9658
70.1	0.9639	0.9629	0.9670	0.9463	0.9635	0.9680	0.9451	0.9632
70.2	0.9582	0.9485	0.9609	0.9353	0.9544	0.9631	0.9326	0.9561
70.3	0.9519	0.9434	0.9558	0.9310	0.9451	0.9530	0.9278	0.9468
70.4	0.9475	0.9444	0.9503	0.9268	0.9400	0.9481	0.9246	0.9377
70.5	0.9612	0.9524	0.9630	0.9415	0.9555	0.9610	0.9365	0.9549
70.6	0.9584	0.9407	0.9605	0.9290	0.9520	0.9601	0.9215	0.9543
70.7	0.9663	0.9430	0.9670	0.9411	0.9586	0.9624	0.9347	0.9574
70.8	0.9638	0.9382	0.9664	0.9350	0.9594	0.9680	0.9288	0.9610
70.9	0.9702	0.9413	0.9733	0.9525	0.9645	0.9695	0.9478	0.9657
71.0	0.9636	0.9305	0.9667	0.9356	0.9592	0.9658	0.9286	0.9602
71.1	0.9597	0.9252	0.9613	0.9225	0.9545	0.9630	0.9133	0.9567
71.2	0.9704	0.9434	0.9715	0.9390	0.9678	0.9703	0.9300	0.9686
71.3	0.9656	0.9349	0.9690	0.9278	0.9650	0.9713	0.9139	0.9673
71.4	0.9626	0.9170	0.9687	0.9162	0.9619	0.9722	0.8998	0.9684
71.5	0.9652	0.9276	0.9720	0.9168	0.9652	0.9770	0.9011	0.9710
71.6	0.9718	0.9429	0.9754	0.9315	0.9704	0.9759	0.9192	0.9720
71.7	0.9729	0.9438	0.9756	0.9278	0.9707	0.9801	0.9138	0.9730
71.8	0.9697	0.9286	0.9705	0.9006	0.9666	0.9782	0.8798	0.9706
71.9	0.9800	0.9459	0.9799	0.9246	0.9776	0.9812	0.9050	0.9787
72.0	0.9832	0.9499	0.9834	0.9295	0.9813	0.9766	0.9100	0.9794
72.1	0.9774	0.9252	0.9743	0.8972	0.9692	0.9671	0.8723	0.9672
72.2	0.9846	0.9411	0.9802	0.9112	0.9767	0.9655	0.8858	0.9729
72.3	0.9809	0.9326	0.9750	0.8892	0.9719	0.9676	0.8576	0.9723
72.4	0.9819	0.9283	0.9742	0.8780	0.9719	0.9734	0.8426	0.9730
72.5	0.9865	0.9532	0.9837	0.9099	0.9807	0.9710	0.8834	0.9762
72.6	0.9881	0.9556	0.9834	0.9103	0.9795	0.9717	0.8872	0.9776
72.7	0.9860	0.9492	0.9803	0.8898	0.9758	0.9712	0.8580	0.9755
72.8	0.9865	0.9447	0.9777	0.8865	0.9715	0.9575	0.8545	0.9662
72.9	0.9908	0.9504	0.9854	0.9254	0.9791	0.9541	0.9053	0.9722
73.0	0.9920	0.9611	0.9862	0.9334	0.9808	0.9577	0.9189	0.9758
73.1	0.9893	0.9484	0.9829	0.9160	0.9770	0.9363	0.8954	0.9697
73.2	0.9911	0.9486	0.9861	0.9269	0.9787	0.9351	0.9064	0.9700
73.3	0.9891	0.9601	0.9889	0.9425	0.9833	0.9367	0.9239	0.9745
73.4	0.9884	0.9530	0.9886	0.9458	0.9826	0.9146	0.9281	0.9712
73.5	0.9893	0.9600	0.9899	0.9579	0.9831	0.9188	0.9426	0.9690
73.6	0.9900	0.9759	0.9916	0.9674	0.9855	0.9144	0.9535	0.9704
73.7	0.9923	0.9773	0.9944	0.9719	0.9897	0.9195	0.9579	0.9768
73.8	0.9919	0.9741	0.9941	0.9678	0.9876	0.9107	0.9517	0.9733
73.9	0.9912	0.9731	0.9925	0.9682	0.9869	0.9151	0.9555	0.9744
74.0	0.9928	0.9704	0.9936	0.9740	0.9868	0.8973	0.9626	0.9708
74.1	0.9927	0.9695	0.9942	0.9755	0.9863	0.8821	0.9639	0.9660
74.2	0.9898	0.9710	0.9918	0.9693	0.9847	0.8872	0.9567	0.9635
74.3	0.9879	0.9774	0.9910	0.9705	0.9858	0.9215	0.9601	0.9681
74.4	0.9881	0.9720	0.9911	0.9742	0.9843	0.9276	0.9661	0.9647
74.5	0.9896	0.9742	0.9925	0.9781	0.9869	0.9404	0.9709	0.9710
74.6	0.9893	0.9777	0.9927	0.9767	0.9873	0.9483	0.9693	0.9739
74.7	0.9861	0.9721	0.9916	0.9768	0.9843	0.9417	0.9697	0.9655
74.8	0.9858	0.9753	0.9932	0.9799	0.9882	0.9547	0.9728	0.9726
74.9	0.9830	0.9792	0.9930	0.9805	0.9902	0.9691	0.9725	0.9782
75.0	0.9854	0.9743	0.9928	0.9764	0.9872	0.9665	0.9685	0.9757
75.1	0.9815	0.9727	0.9915	0.9718	0.9846	0.9625	0.9634	0.9707
75.2	0.9792	0.9791	0.9918	0.9769	0.9867	0.9707	0.9695	0.9733
75.3	0.9847	0.9821	0.9944	0.9847	0.9908	0.9801	0.9795	0.9808
75.4	0.9765	0.9764	0.9918	0.9755	0.9880	0.9772	0.9686	0.9787
75.5	0.9693	0.9771	0.9920	0.9779	0.9877	0.9764	0.9697	0.9773
75.6	0.9736	0.9833	0.9929	0.9815	0.9904	0.9854	0.9770	0.9844
75.7	0.9522	0.9806	0.9927	0.9747	0.9911	0.9834	0.9672	0.9853
75.8	0.9439	0.9784	0.9918	0.9762	0.9892	0.9831	0.9692	0.9819
75.9	0.9525	0.9773	0.9918	0.9788	0.9891	0.9869	0.9738	0.9840
76.0	0.9259	0.9679	0.9878	0.9731	0.9828	0.9802	0.9669	0.9743
76.1	0.9336	0.9733	0.9910	0.9753	0.9852	0.9814	0.9670	0.9779
76.2	0.9299	0.9787	0.9925	0.9780	0.9888	0.9874	0.9729	0.9841
76.3	0.9018	0.9619	0.9922	0.9735	0.9886	0.9848	0.9663	0.9828
76.4	0.9385	0.9772	0.9946	0.9812	0.9927	0.9908	0.9768	0.9893
76.5	0.9702	0.9858	0.9953	0.9859	0.9939	0.9936	0.9838	0.9915
76.6	0.9728	0.9839	0.9962	0.9867	0.9940	0.9929	0.9832	0.9919
76.7	0.9554	0.9775	0.9947	0.9800	0.9934	0.9922	0.9760	0.9908

76.8	0.9621	0.9815	0.9931	0.9798	0.9923	0.9935	0.9787	0.9898
76.9	0.9711	0.9841	0.9925	0.9807	0.9923	0.9943	0.9805	0.9905
77.0	0.9639	0.9692	0.9907	0.9774	0.9885	0.9902	0.9762	0.9860
77.1	0.9719	0.9717	0.9929	0.9795	0.9920	0.9931	0.9795	0.9901
77.2	0.9795	0.9805	0.9945	0.9858	0.9925	0.9940	0.9849	0.9908
77.3	0.9834	0.9823	0.9944	0.9885	0.9932	0.9951	0.9880	0.9912
77.4	0.9824	0.9778	0.9925	0.9804	0.9918	0.9939	0.9806	0.9911
77.5	0.9826	0.9685	0.9919	0.9811	0.9919	0.9941	0.9815	0.9901
77.6	0.9868	0.9804	0.9945	0.9856	0.9950	0.9963	0.9871	0.9932
77.7	0.9810	0.9808	0.9941	0.9816	0.9948	0.9956	0.9827	0.9938
77.8	0.9709	0.9683	0.9938	0.9762	0.9946	0.9944	0.9757	0.9939
77.9	0.9758	0.9738	0.9929	0.9817	0.9948	0.9960	0.9834	0.9935
78.0	0.9717	0.9741	0.9890	0.9794	0.9923	0.9953	0.9832	0.9912
78.1	0.9730	0.9661	0.9899	0.9791	0.9922	0.9944	0.9810	0.9906
78.2	0.9596	0.9663	0.9858	0.9738	0.9901	0.9932	0.9762	0.9896
78.3	0.9615	0.9711	0.9849	0.9754	0.9905	0.9935	0.9783	0.9903
78.4	0.9659	0.9695	0.9874	0.9792	0.9921	0.9939	0.9808	0.9920
78.5	0.9605	0.9672	0.9849	0.9728	0.9916	0.9938	0.9756	0.9917
78.6	0.9586	0.9771	0.9824	0.9735	0.9922	0.9941	0.9778	0.9911
78.7	0.9729	0.9721	0.9818	0.9779	0.9911	0.9938	0.9816	0.9899
78.8	0.9779	0.9757	0.9800	0.9798	0.9895	0.9924	0.9818	0.9881
78.9	0.9857	0.9779	0.9797	0.9845	0.9887	0.9915	0.9850	0.9872
79.0	0.9818	0.9718	0.9719	0.9767	0.9883	0.9925	0.9803	0.9884
79.1	0.9741	0.9632	0.9711	0.9700	0.9907	0.9929	0.9738	0.9915
79.2	0.9762	0.9581	0.9663	0.9723	0.9878	0.9894	0.9741	0.9876
79.3	0.9843	0.9607	0.9585	0.9791	0.9865	0.9915	0.9821	0.9839
79.4	0.9854	0.9677	0.9525	0.9788	0.9862	0.9919	0.9817	0.9839
79.5	0.9820	0.9621	0.9192	0.9706	0.9813	0.9896	0.9745	0.9792
79.6	0.9828	0.9631	0.9183	0.9730	0.9854	0.9918	0.9768	0.9831
79.7	0.9884	0.9644	0.9119	0.9796	0.9856	0.9937	0.9840	0.9823
79.8	0.9916	0.9659	0.8929	0.9761	0.9849	0.9918	0.9804	0.9829
79.9	0.9911	0.9675	0.8375	0.9711	0.9832	0.9895	0.9756	0.9817
80.0	0.9897	0.9681	0.7973	0.9750	0.9803	0.9879	0.9784	0.9777

2.2.57 Run 5 – VTC-200 – Accels 17–24

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0446	0.0030	0.5606	0.1867	0.3161	0.0038	0.1356	0.3096
0.1	0.0138	0.0093	0.1133	0.0207	0.0560	0.0088	0.0044	0.0027
0.2	0.0026	0.0195	0.0106	0.0039	0.0061	0.0243	0.0202	0.0134
0.3	0.0021	0.0191	0.0016	0.0047	0.0067	0.0033	0.0121	0.0666
0.4	0.0023	0.0219	0.0562	0.0606	0.0210	0.0096	0.0434	0.0107
0.5	0.0010	0.0440	0.1171	0.0044	0.0286	0.0062	0.0244	0.0040
0.6	0.0351	0.0112	0.1057	0.0108	0.0205	0.0043	0.0049	0.0161
0.7	0.0226	0.0116	0.2361	0.0171	0.0068	0.0050	0.0079	0.0077
0.8	0.0175	0.0590	0.1576	0.0083	0.0018	0.0042	0.0143	0.0011
0.9	0.0036	0.1692	0.0913	0.0121	0.0971	0.0004	0.0470	0.0578
1.0	0.0061	0.2045	0.0619	0.0737	0.1529	0.0047	0.0258	0.0602
1.1	0.0452	0.1176	0.2693	0.0228	0.0721	0.0022	0.0076	0.0644
1.2	0.0606	0.1232	0.3641	0.0298	0.0934	0.0198	0.0264	0.1079
1.3	0.0397	0.1667	0.3903	0.0464	0.1889	0.0775	0.0247	0.0732
1.4	0.0056	0.2269	0.2932	0.0184	0.2244	0.0933	0.0246	0.1917
1.5	0.0920	0.2778	0.3639	0.0823	0.3061	0.1102	0.0553	0.3822
1.6	0.1843	0.3502	0.5445	0.0608	0.2579	0.1342	0.2272	0.3171
1.7	0.1235	0.3535	0.5155	0.0764	0.1415	0.1744	0.2366	0.1352
1.8	0.4108	0.6115	0.5883	0.3564	0.0623	0.2348	0.5160	0.3641
1.9	0.6131	0.7573	0.6455	0.5922	0.2424	0.3662	0.6986	0.5468
2.0	0.8263	0.6970	0.6970	0.8253	0.4396	0.4348	0.8516	0.6349
2.1	0.6807	0.3679	0.1586	0.6834	0.2937	0.4041	0.7040	0.4031
2.2	0.7191	0.3151	0.3733	0.7490	0.2646	0.3866	0.7770	0.3446
2.3	0.5252	0.5395	0.4311	0.5401	0.2528	0.0436	0.5599	0.6677
2.4	0.3520	0.5384	0.3100	0.3542	0.3093	0.3879	0.3555	0.4627
2.5	0.6583	0.6782	0.6468	0.6501	0.4312	0.8112	0.6382	0.3112
2.6	0.8233	0.6300	0.7955	0.8249	0.2240	0.8158	0.8225	0.3312
2.7	0.8608	0.5353	0.8256	0.8688	0.1668	0.8550	0.8577	0.2254
2.8	0.7848	0.4241	0.7067	0.7769	0.0923	0.7963	0.7455	0.1368
2.9	0.7104	0.3045	0.5436	0.6884	0.0430	0.7845	0.7230	0.0852
3.0	0.6945	0.3706	0.5327	0.7007	0.0471	0.8529	0.7116	0.1397
3.1	0.4318	0.3600	0.3179	0.4925	0.0169	0.8048	0.4229	0.1345
3.2	0.5204	0.2452	0.3373	0.3943	0.0048	0.7605	0.5271	0.0367
3.3	0.7066	0.3849	0.2283	0.6354	0.0393	0.8617	0.7068	0.0675
3.4	0.7095	0.2154	0.0515	0.5916	0.0567	0.7786	0.6741	0.0577
3.5	0.5829	0.1816	0.1716	0.4417	0.0732	0.6464	0.5112	0.0045
3.6	0.3261	0.0983	0.1267	0.2226	0.0139	0.4374	0.3257	0.0159
3.7	0.4594	0.2079	0.4520	0.4160	0.1386	0.8076	0.3372	0.0655
3.8	0.8804	0.6889	0.8107	0.8121	0.2933	0.9738	0.7732	0.2942
3.9	0.9579	0.8516	0.8759	0.9221	0.4792	0.9896	0.8750	0.4757
4.0	0.9659	0.9001	0.9122	0.9490	0.6456	0.9922	0.9109	0.6729
4.1	0.9658	0.9447	0.9097	0.9505	0.6403	0.9931	0.9189	0.7579
4.2	0.9592	0.8788	0.8094	0.8899	0.4431	0.9889	0.8653	0.5730
4.3	0.9328	0.8263	0.6504	0.8396	0.4829	0.9877	0.8451	0.5963
4.4	0.9085	0.8161	0.3508	0.8301	0.6038	0.9856	0.7504	0.5978
4.5	0.9243	0.8178	0.2133	0.8410	0.5666	0.9870	0.7788	0.6635
4.6	0.9145	0.6922	0.3425	0.7824	0.5722	0.9809	0.7482	0.6095
4.7	0.8578	0.5539	0.4645	0.7032	0.4765	0.9584	0.5838	0.5381
4.8	0.8250	0.4746	0.5809	0.6200	0.4935	0.9462	0.5955	0.5318
4.9	0.7722	0.2127	0.4309	0.6121	0.3707	0.9155	0.5610	0.5202
5.0	0.9198	0.4713	0.0575	0.8448	0.2908	0.9739	0.7226	0.3594
5.1	0.9489	0.7763	0.4869	0.8851	0.4769	0.9833	0.8483	0.5894
5.2	0.9535	0.6816	0.6473	0.8709	0.2892	0.9785	0.8609	0.4271
5.3	0.9299	0.4083	0.6946	0.8314	0.1143	0.9778	0.7626	0.1146
5.4	0.7750	0.3240	0.6933	0.5308	0.1336	0.9222	0.4291	0.0771
5.5	0.5884	0.4115	0.6358	0.1819	0.2065	0.8406	0.2077	0.1825
5.6	0.6952	0.5043	0.6508	0.0514	0.1920	0.9333	0.0076	0.2393
5.7	0.8641	0.6254	0.7182	0.3049	0.2702	0.9747	0.1852	0.3477
5.8	0.9472	0.7301	0.9202	0.7261	0.3697	0.9932	0.6643	0.4733
5.9	0.9740	0.6751	0.9630	0.8788	0.3776	0.9955	0.8324	0.5009
6.0	0.9851	0.3949	0.9652	0.9410	0.4597	0.9956	0.9076	0.4924
6.1	0.9897	0.8764	0.9860	0.9743	0.7389	0.9969	0.9621	0.7246
6.2	0.9888	0.9359	0.9896	0.9763	0.8574	0.9970	0.9685	0.8197
6.3	0.9890	0.9683	0.9856	0.9783	0.8854	0.9977	0.9729	0.8710
6.4	0.9898	0.9821	0.9843	0.9858	0.9307	0.9979	0.9816	0.9106
6.5	0.9892	0.9799	0.9806	0.9861	0.9274	0.9982	0.9828	0.8870
6.6	0.9855	0.9837	0.9726	0.9795	0.9350	0.9983	0.9758	0.8745
6.7	0.9775	0.9857	0.9630	0.9736	0.9387	0.9974	0.9697	0.8666
6.8	0.9692	0.9832	0.9560	0.9682	0.9416	0.9973	0.9656	0.8039
6.9	0.9598	0.9737	0.9478	0.9603	0.9178	0.9965	0.9590	0.7113
7.0	0.9484	0.9563	0.9377	0.9487	0.9281	0.9933	0.9466	0.7881
7.1	0.8802	0.8921	0.8715	0.8787	0.8305	0.9852	0.8767	0.6632
7.2	0.9092	0.8970	0.9165	0.9045	0.8112	0.9874	0.9021	0.6313
7.3	0.9441	0.9027	0.9519	0.9421	0.8534	0.9565	0.9446	0.6369
7.4	0.9446	0.9010	0.9498	0.9445	0.8932	0.9726	0.9465	0.5731
7.5	0.9574	0.9244	0.9622	0.9578	0.8923	0.9919	0.9581	0.6388
7.6	0.9745	0.9450	0.9792	0.9725	0.7989	0.9983	0.9699	0.5430
7.7	0.9932	0.9684	0.9955	0.9888	0.7963	0.9972	0.9862	0.6310
7.8	0.9972	0.9704	0.9974	0.9914	0.6702	0.9921	0.9872	0.6549
7.9	0.9935	0.9695	0.9935	0.9873	0.3846	0.9882	0.9836	0.7124

8.0	0.9938	0.9693	0.9932	0.9901	0.3343	0.9931	0.9885	0.6800
8.1	0.9971	0.9708	0.9979	0.9925	0.4279	0.9944	0.9905	0.7500
8.2	0.9972	0.9673	0.9983	0.9926	0.1904	0.9963	0.9899	0.8786
8.3	0.9969	0.9287	0.9979	0.9923	0.1122	0.9954	0.9896	0.8441
8.4	0.9979	0.9258	0.9985	0.9921	0.1226	0.9967	0.9894	0.8558
8.5	0.9966	0.8932	0.9969	0.9899	0.1797	0.9926	0.9863	0.8296
8.6	0.9967	0.8650	0.9975	0.9919	0.2508	0.9939	0.9889	0.8446
8.7	0.9926	0.8695	0.9936	0.9865	0.2602	0.9870	0.9838	0.7943
8.8	0.9930	0.8835	0.9934	0.9894	0.3805	0.9888	0.9870	0.8216
8.9	0.9891	0.8593	0.9905	0.9859	0.5745	0.9854	0.9848	0.8570
9.0	0.9752	0.8330	0.9786	0.9733	0.7228	0.9702	0.9715	0.8148
9.1	0.9789	0.7835	0.9820	0.9766	0.7554	0.9757	0.9752	0.7694
9.2	0.9408	0.7974	0.9412	0.9427	0.8247	0.9288	0.9399	0.7756
9.3	0.9272	0.8435	0.9315	0.9270	0.8155	0.9265	0.9253	0.7333
9.4	0.9394	0.9047	0.9458	0.9366	0.8660	0.9479	0.9353	0.7432
9.5	0.9525	0.9373	0.9574	0.9478	0.8784	0.9636	0.9474	0.7447
9.6	0.9652	0.9484	0.9703	0.9581	0.8775	0.9764	0.9598	0.6790
9.7	0.9534	0.9264	0.9617	0.9367	0.8313	0.9738	0.9392	0.5573
9.8	0.9792	0.9272	0.9837	0.9668	0.8564	0.9897	0.9635	0.6668
9.9	0.9840	0.9443	0.9883	0.9694	0.8516	0.9937	0.9672	0.6442
10.0	0.9823	0.9051	0.9898	0.9575	0.7361	0.9946	0.9599	0.5247
10.1	0.9797	0.9090	0.9875	0.9465	0.7573	0.9938	0.9450	0.6016
10.2	0.9873	0.9530	0.9905	0.9560	0.7976	0.9970	0.9595	0.6829
10.3	0.9891	0.9356	0.9933	0.9507	0.7583	0.9984	0.9522	0.6246
10.4	0.9892	0.9227	0.9932	0.9463	0.6616	0.9993	0.9514	0.5757
10.5	0.9873	0.9353	0.9893	0.9491	0.6669	0.9989	0.9444	0.6098
10.6	0.9903	0.9392	0.9891	0.9386	0.7272	0.9990	0.9438	0.7257
10.7	0.9834	0.9314	0.9762	0.9063	0.6842	0.9972	0.9222	0.7122
10.8	0.9874	0.9585	0.9825	0.9102	0.8189	0.9986	0.9211	0.7754
10.9	0.9865	0.9469	0.9759	0.8687	0.8393	0.9986	0.8964	0.8152
11.0	0.9830	0.9474	0.9639	0.8420	0.8341	0.9990	0.8598	0.8299
11.1	0.9765	0.9350	0.9256	0.8161	0.8111	0.9987	0.7753	0.8012
11.2	0.9792	0.9565	0.9031	0.8515	0.8714	0.9991	0.7821	0.8718
11.3	0.9833	0.9624	0.8656	0.8731	0.9040	0.9995	0.7947	0.9153
11.4	0.9729	0.9676	0.8243	0.8880	0.9030	0.9992	0.7500	0.9072
11.5	0.9623	0.9710	0.7593	0.9488	0.9308	0.9994	0.8660	0.9371
11.6	0.9385	0.9725	0.6642	0.9400	0.8945	0.9990	0.8664	0.9251
11.7	0.9350	0.9834	0.6763	0.9519	0.9194	0.9992	0.8896	0.9359
11.8	0.9105	0.9782	0.7291	0.9523	0.9044	0.9993	0.8950	0.9292
11.9	0.8909	0.9757	0.8102	0.9678	0.9210	0.9992	0.9230	0.9431
12.0	0.8753	0.9784	0.8173	0.9711	0.9301	0.9991	0.9338	0.9500
12.1	0.8655	0.9780	0.7723	0.9751	0.9273	0.9988	0.9452	0.9316
12.2	0.9163	0.9872	0.8495	0.9832	0.9383	0.9993	0.9616	0.9463
12.3	0.9223	0.9916	0.8520	0.9816	0.9471	0.9991	0.9693	0.9627
12.4	0.9269	0.9856	0.7798	0.9819	0.9326	0.9987	0.9710	0.9616
12.5	0.9415	0.9834	0.6509	0.9836	0.9220	0.9978	0.9764	0.9422
12.6	0.9348	0.9876	0.6397	0.9856	0.9151	0.9981	0.9740	0.9356
12.7	0.9335	0.9915	0.6207	0.9869	0.9076	0.9984	0.9800	0.9252
12.8	0.8765	0.9905	0.6028	0.9893	0.8986	0.9985	0.9853	0.9133
12.9	0.8199	0.9888	0.7568	0.9883	0.8809	0.9986	0.9869	0.9189
13.0	0.6561	0.9869	0.8248	0.9848	0.9025	0.9980	0.9864	0.9161
13.1	0.5738	0.9807	0.8643	0.9839	0.9083	0.9980	0.9872	0.9207
13.2	0.7887	0.9779	0.9048	0.9839	0.9359	0.9980	0.9873	0.9418
13.3	0.8846	0.9706	0.9306	0.9846	0.9317	0.9983	0.9866	0.9385
13.4	0.9267	0.9620	0.9250	0.9791	0.9246	0.9980	0.9887	0.9350
13.5	0.9351	0.9429	0.9066	0.9757	0.9023	0.9953	0.9820	0.9100
13.6	0.9482	0.9431	0.9185	0.9755	0.9096	0.9948	0.9754	0.9153
13.7	0.9705	0.9395	0.9382	0.9833	0.9193	0.9953	0.9827	0.9227
13.8	0.9743	0.9428	0.9553	0.9863	0.9315	0.9964	0.9840	0.9319
13.9	0.9802	0.9526	0.9685	0.9880	0.9502	0.9964	0.9814	0.9464
14.0	0.9827	0.9670	0.9819	0.9882	0.9657	0.9960	0.9870	0.9627
14.1	0.9770	0.9626	0.9761	0.9839	0.9618	0.9927	0.9792	0.9576
14.2	0.9600	0.9569	0.9622	0.9652	0.9577	0.9813	0.9601	0.9581
14.3	0.9445	0.9391	0.9366	0.9441	0.9312	0.9554	0.9393	0.9290
14.4	0.9311	0.9071	0.9268	0.9315	0.9233	0.9243	0.9293	0.9221
14.5	0.9264	0.7783	0.9090	0.9235	0.8795	0.8629	0.9185	0.8754
14.6	0.9338	0.5562	0.9252	0.9322	0.8472	0.7876	0.9331	0.8500
14.7	0.9553	0.6615	0.9597	0.9609	0.8376	0.7030	0.9620	0.8303
14.8	0.9560	0.7642	0.9739	0.9626	0.8026	0.3993	0.9681	0.8188
14.9	0.9604	0.8363	0.9820	0.9627	0.7701	0.7011	0.9725	0.7795
15.0	0.9687	0.9122	0.9896	0.9735	0.8204	0.9278	0.9792	0.7867
15.1	0.9594	0.9149	0.9913	0.9637	0.7243	0.9424	0.9738	0.6955
15.2	0.9452	0.9289	0.9913	0.9603	0.5639	0.9699	0.9723	0.6355
15.3	0.9122	0.8991	0.9878	0.9451	0.4264	0.9752	0.9643	0.6173
15.4	0.9004	0.8915	0.9928	0.9473	0.4240	0.9872	0.9621	0.6146
15.5	0.8574	0.8863	0.9912	0.9210	0.4082	0.9892	0.9492	0.6152
15.6	0.8783	0.8421	0.9908	0.9155	0.4977	0.9905	0.9501	0.5910
15.7	0.8672	0.7483	0.9930	0.9054	0.5909	0.9901	0.9608	0.6067
15.8	0.7819	0.6826	0.9923	0.8751	0.5127	0.9893	0.9541	0.5698
15.9	0.7911	0.5761	0.9933	0.8710	0.5455	0.9934	0.9587	0.6961
16.0	0.7498	0.4997	0.9937	0.8257	0.5135	0.9930	0.9487	0.5073
16.1	0.7518	0.2776	0.9924	0.8411	0.4734	0.9921	0.9358	0.2975
16.2	0.8376	0.1940	0.9936	0.8654	0.4970	0.9944	0.9321	0.2382
16.3	0.8981	0.3367	0.9927	0.8762	0.5741	0.9941	0.9380	0.4526
16.4	0.9032	0.1875	0.9928	0.9093	0.6447	0.9941	0.9583	0.7133
16.5	0.9045	0.1087	0.9907	0.9165	0.6831	0.9905	0.9517	0.7831

16.6	0.8567	0.3085	0.9899	0.8243	0.7633	0.9886	0.9551	0.8359
16.7	0.7664	0.5203	0.9866	0.6029	0.7209	0.9911	0.9386	0.8174
16.8	0.6538	0.6015	0.9870	0.5252	0.7049	0.9937	0.9295	0.7519
16.9	0.4760	0.6286	0.9915	0.2569	0.6789	0.9929	0.8590	0.6903
17.0	0.4757	0.6494	0.9910	0.5978	0.7074	0.9928	0.8845	0.7544
17.1	0.4812	0.5726	0.9690	0.7841	0.6849	0.9863	0.7962	0.7271
17.2	0.4784	0.7037	0.9707	0.8477	0.6431	0.9885	0.6947	0.6902
17.3	0.4583	0.6714	0.9849	0.8959	0.6179	0.9924	0.7182	0.7032
17.4	0.5450	0.2299	0.9875	0.9454	0.6253	0.9934	0.6936	0.7266
17.5	0.6839	0.2408	0.9882	0.9689	0.6694	0.9929	0.7242	0.7846
17.6	0.6877	0.5853	0.9902	0.9642	0.6237	0.9913	0.7072	0.7329
17.7	0.7338	0.6710	0.9892	0.9694	0.7119	0.9895	0.6562	0.7196
17.8	0.7324	0.6762	0.9877	0.9608	0.6730	0.9864	0.6676	0.7131
17.9	0.7387	0.7129	0.9831	0.9635	0.6083	0.9832	0.7032	0.6747
18.0	0.7923	0.6160	0.9849	0.9735	0.4353	0.9713	0.7402	0.7106
18.1	0.8719	0.5396	0.9827	0.9731	0.4043	0.9774	0.6945	0.7518
18.2	0.8820	0.7049	0.9835	0.9683	0.2214	0.9684	0.8233	0.7633
18.3	0.8773	0.8280	0.9869	0.9732	0.1155	0.9525	0.8737	0.7492
18.4	0.9098	0.8975	0.9865	0.9674	0.0891	0.8806	0.8458	0.7999
18.5	0.8424	0.8324	0.9743	0.8041	0.1111	0.6003	0.6458	0.6301
18.6	0.8965	0.8706	0.9769	0.7487	0.3718	0.8673	0.1126	0.6271
18.7	0.9410	0.8698	0.9783	0.9141	0.5615	0.9567	0.5039	0.7808
18.8	0.9480	0.8530	0.9697	0.9709	0.5435	0.9818	0.8263	0.8471
18.9	0.9650	0.9086	0.9797	0.9835	0.5764	0.9870	0.9075	0.8690
19.0	0.9741	0.9157	0.9827	0.9898	0.6683	0.9863	0.9194	0.9033
19.1	0.9712	0.9109	0.9806	0.9882	0.6703	0.9813	0.9039	0.9198
19.2	0.9640	0.9341	0.9811	0.9847	0.6104	0.9831	0.9121	0.9006
19.3	0.9667	0.9683	0.9863	0.9860	0.4889	0.9867	0.9399	0.9155
19.4	0.9760	0.9716	0.9903	0.9873	0.4473	0.9859	0.9309	0.9148
19.5	0.9764	0.9796	0.9916	0.9849	0.3532	0.9883	0.9375	0.9100
19.6	0.9827	0.9837	0.9935	0.9885	0.2603	0.9935	0.9664	0.9131
19.7	0.9821	0.9782	0.9888	0.9866	0.2400	0.9918	0.9641	0.8944
19.8	0.9865	0.9809	0.9896	0.9886	0.4294	0.9948	0.9622	0.8765
19.9	0.9845	0.9787	0.9863	0.9856	0.3951	0.9923	0.9593	0.8447
20.0	0.9870	0.9793	0.9856	0.9872	0.3418	0.9936	0.9494	0.8070
20.1	0.9932	0.9811	0.9848	0.9905	0.5303	0.9961	0.9593	0.8178
20.2	0.9902	0.9776	0.9843	0.9914	0.5627	0.9962	0.9639	0.7955
20.3	0.9895	0.9707	0.9839	0.9911	0.5553	0.9957	0.9573	0.7961
20.4	0.9850	0.9702	0.9844	0.9907	0.5247	0.9945	0.9416	0.6939
20.5	0.9843	0.9613	0.9820	0.9866	0.5271	0.9943	0.9293	0.6013
20.6	0.9853	0.9542	0.9757	0.9767	0.3680	0.9902	0.9356	0.3379
20.7	0.9890	0.9670	0.9754	0.9790	0.3678	0.9922	0.9428	0.3452
20.8	0.9893	0.9673	0.9717	0.9779	0.3985	0.9948	0.9329	0.1118
20.9	0.9882	0.9513	0.9748	0.9738	0.4481	0.9918	0.9327	0.0280
21.0	0.9874	0.9308	0.9703	0.9693	0.4685	0.9896	0.8980	0.0022
21.1	0.9857	0.9272	0.9721	0.9492	0.4183	0.9910	0.8519	0.0177
21.2	0.9850	0.9465	0.9695	0.9495	0.3364	0.9900	0.8555	0.0397
21.3	0.9792	0.9519	0.9674	0.9382	0.2476	0.9910	0.8188	0.1005
21.4	0.9849	0.9526	0.9649	0.9093	0.3328	0.9900	0.7774	0.2301
21.5	0.9864	0.9556	0.9696	0.9181	0.3903	0.9928	0.6758	0.4189
21.6	0.9872	0.9619	0.9665	0.9191	0.4182	0.9948	0.3621	0.2848
21.7	0.9876	0.9610	0.9552	0.8560	0.3456	0.9916	0.3904	0.2267
21.8	0.9783	0.9458	0.9312	0.8205	0.2723	0.9939	0.6032	0.3343
21.9	0.9667	0.9270	0.9000	0.7042	0.0588	0.9936	0.6344	0.1117
22.0	0.9802	0.9581	0.9190	0.7908	0.1152	0.9961	0.8346	0.2262
22.1	0.9860	0.9614	0.9136	0.8176	0.0860	0.9958	0.8345	0.2497
22.2	0.9907	0.9721	0.9314	0.8711	0.2615	0.9970	0.9133	0.1946
22.3	0.9918	0.9706	0.9336	0.9048	0.4452	0.9965	0.8925	0.1558
22.4	0.9917	0.9681	0.9120	0.8975	0.4818	0.9971	0.8921	0.4068
22.5	0.9884	0.9507	0.8348	0.9032	0.5854	0.9971	0.8719	0.3959
22.6	0.9898	0.9488	0.7344	0.9229	0.6810	0.9974	0.8876	0.4147
22.7	0.9937	0.9405	0.6467	0.9368	0.7312	0.9975	0.9026	0.3926
22.8	0.9920	0.9149	0.4111	0.9381	0.7525	0.9976	0.8738	0.5390
22.9	0.9912	0.7976	0.2028	0.9456	0.7227	0.9972	0.8725	0.5150
23.0	0.9911	0.7676	0.1826	0.9590	0.7720	0.9978	0.8800	0.4591
23.1	0.9900	0.7828	0.3464	0.9561	0.7531	0.9975	0.8722	0.3574
23.2	0.9921	0.7877	0.4788	0.9630	0.7740	0.9982	0.8899	0.4669
23.3	0.9942	0.7972	0.6730	0.9640	0.8185	0.9987	0.9021	0.4426
23.4	0.9943	0.8146	0.7411	0.9576	0.8430	0.9986	0.9123	0.4240
23.5	0.9942	0.8790	0.8050	0.9566	0.8861	0.9986	0.9412	0.4474
23.6	0.9939	0.8879	0.8095	0.9627	0.9016	0.9988	0.9410	0.3346
23.7	0.9885	0.8309	0.7350	0.9488	0.8212	0.9978	0.9365	0.1033
23.8	0.9914	0.8730	0.7994	0.9540	0.8347	0.9980	0.9467	0.1642
23.9	0.9931	0.9098	0.7791	0.9620	0.8645	0.9984	0.9497	0.1049
24.0	0.9907	0.8835	0.7844	0.9591	0.8486	0.9955	0.9245	0.0185
24.1	0.9901	0.8220	0.7850	0.9630	0.6496	0.9951	0.9439	0.0848
24.2	0.9900	0.8122	0.7677	0.9680	0.6022	0.9958	0.9462	0.0889
24.3	0.9867	0.7926	0.7662	0.9637	0.5931	0.9947	0.9226	0.1052
24.4	0.9886	0.7918	0.7721	0.9585	0.5430	0.9928	0.9389	0.0840
24.5	0.9918	0.8539	0.7533	0.9680	0.4606	0.9954	0.9277	0.1261
24.6	0.9913	0.9032	0.7420	0.9596	0.5122	0.9965	0.9287	0.2071
24.7	0.9940	0.9415	0.6701	0.9722	0.6254	0.9980	0.9487	0.1725
24.8	0.9920	0.9454	0.7416	0.9729	0.6523	0.9984	0.9623	0.1463
24.9	0.9905	0.9520	0.7471	0.9681	0.6163	0.9983	0.9602	0.1898
25.0	0.9894	0.9331	0.6963	0.9628	0.5417	0.9971	0.9552	0.3198
25.1	0.9896	0.9328	0.6385	0.9690	0.5714	0.9965	0.9653	0.2463

25.2	0.9885	0.9211	0.7144	0.9761	0.5501	0.9949	0.9675	0.3178
25.3	0.9826	0.9064	0.7528	0.9760	0.4915	0.9897	0.9655	0.3670
25.4	0.9833	0.9045	0.6158	0.9799	0.6181	0.9872	0.9556	0.2654
25.5	0.9885	0.9211	0.5471	0.9834	0.6754	0.9890	0.9560	0.2243
25.6	0.9877	0.9108	0.4839	0.9857	0.6742	0.9882	0.9599	0.2179
25.7	0.9901	0.9343	0.2814	0.9899	0.7575	0.9891	0.9577	0.2899
25.8	0.9940	0.9735	0.0336	0.9827	0.6879	0.9950	0.9622	0.2550
25.9	0.9946	0.9719	0.0843	0.9882	0.5942	0.9958	0.9623	0.3000
26.0	0.9924	0.9756	0.2265	0.9886	0.6372	0.9944	0.9655	0.1190
26.1	0.9942	0.9792	0.5455	0.9895	0.7474	0.9968	0.9671	0.0655
26.2	0.9947	0.9728	0.5857	0.9901	0.7209	0.9978	0.9618	0.1148
26.3	0.9945	0.9770	0.6574	0.9878	0.6014	0.9981	0.9612	0.2912
26.4	0.9964	0.9833	0.7891	0.9888	0.4886	0.9987	0.9702	0.4295
26.5	0.9952	0.9788	0.8325	0.9893	0.4093	0.9984	0.9588	0.5599
26.6	0.9932	0.9770	0.8518	0.9883	0.4445	0.9983	0.9518	0.6454
26.7	0.9950	0.9767	0.8672	0.9875	0.5880	0.9979	0.9539	0.6809
26.8	0.9956	0.9631	0.8249	0.9888	0.5601	0.9962	0.9310	0.6634
26.9	0.9958	0.9418	0.8326	0.9894	0.6545	0.9980	0.9533	0.6193
27.0	0.9963	0.9627	0.8311	0.9907	0.7270	0.9984	0.9714	0.7576
27.1	0.9967	0.9603	0.8295	0.9914	0.7800	0.9990	0.9741	0.7917
27.2	0.9961	0.9490	0.7844	0.9907	0.8445	0.9990	0.9687	0.8017
27.3	0.9968	0.9083	0.7549	0.9898	0.8859	0.9993	0.9733	0.8133
27.4	0.9967	0.8377	0.6421	0.9889	0.9146	0.9990	0.9704	0.8313
27.5	0.9972	0.8760	0.7364	0.9916	0.9448	0.9990	0.9787	0.8788
27.6	0.9970	0.8001	0.7980	0.9902	0.9157	0.9989	0.9773	0.8328
27.7	0.9967	0.6275	0.8044	0.9889	0.9146	0.9989	0.9760	0.8124
27.8	0.9976	0.2963	0.8165	0.9921	0.9303	0.9992	0.9789	0.8342
27.9	0.9973	0.0000	0.8362	0.9905	0.9270	0.9990	0.9782	0.8225
28.0	0.9959	0.1000	0.7923	0.9855	0.9011	0.9985	0.9736	0.7983
28.1	0.9950	0.4685	0.7926	0.9773	0.8815	0.9980	0.9802	0.7824
28.2	0.9947	0.5928	0.8013	0.9775	0.8858	0.9982	0.9753	0.8105
28.3	0.9962	0.6784	0.8260	0.9850	0.9060	0.9985	0.9812	0.8362
28.4	0.9972	0.8275	0.8448	0.9930	0.8938	0.9990	0.9846	0.8329
28.5	0.9973	0.8884	0.8581	0.9958	0.8795	0.9989	0.9837	0.8576
28.6	0.9976	0.8914	0.8863	0.9948	0.8912	0.9986	0.9852	0.8608
28.7	0.9978	0.8554	0.8900	0.9934	0.8860	0.9982	0.9796	0.8468
28.8	0.9975	0.8883	0.8754	0.9931	0.8908	0.9979	0.9810	0.8569
28.9	0.9972	0.9160	0.9075	0.9938	0.8885	0.9976	0.9780	0.8155
29.0	0.9947	0.9052	0.9068	0.9924	0.8900	0.9968	0.9745	0.8425
29.1	0.9955	0.9255	0.9215	0.9925	0.9191	0.9970	0.9786	0.8898
29.2	0.9963	0.9402	0.9316	0.9937	0.9437	0.9974	0.9848	0.8665
29.3	0.9957	0.9487	0.9123	0.9948	0.9486	0.9976	0.9851	0.8524
29.4	0.9943	0.9609	0.9176	0.9939	0.9432	0.9963	0.9839	0.8293
29.5	0.9950	0.9567	0.9475	0.9923	0.9418	0.9963	0.9821	0.8666
29.6	0.9953	0.9685	0.9607	0.9943	0.9569	0.9971	0.9799	0.8945
29.7	0.9962	0.9745	0.9562	0.9940	0.9562	0.9978	0.9843	0.8922
29.8	0.9958	0.9681	0.9501	0.9933	0.9527	0.9976	0.9807	0.9151
29.9	0.9910	0.8539	0.9384	0.9839	0.9331	0.9946	0.9609	0.8187
30.0	0.9960	0.9385	0.9596	0.9918	0.9528	0.9976	0.9717	0.8881
30.1	0.9966	0.9839	0.9636	0.9934	0.9434	0.9980	0.9752	0.9141
30.2	0.9960	0.9749	0.9651	0.9894	0.9148	0.9972	0.9648	0.9099
30.3	0.9960	0.9725	0.9651	0.9890	0.8292	0.9966	0.9497	0.8912
30.4	0.9965	0.9716	0.9684	0.9899	0.7894	0.9959	0.9462	0.8570
30.5	0.9957	0.9768	0.9714	0.9924	0.8684	0.9948	0.9581	0.8043
30.6	0.9930	0.9804	0.9687	0.9914	0.9153	0.9943	0.9709	0.8274
30.7	0.9919	0.9790	0.9671	0.9895	0.9434	0.9945	0.9611	0.8527
30.8	0.9910	0.9781	0.9751	0.9907	0.9514	0.9943	0.9579	0.8880
30.9	0.9925	0.9795	0.9729	0.9932	0.9689	0.9958	0.9615	0.9314
31.0	0.9926	0.9854	0.9695	0.9923	0.9669	0.9952	0.9571	0.9385
31.1	0.9903	0.9766	0.9545	0.9895	0.9597	0.9922	0.9568	0.9330
31.2	0.9900	0.9855	0.9687	0.9908	0.9504	0.9941	0.9581	0.9355
31.3	0.9911	0.9899	0.9754	0.9901	0.9589	0.9954	0.9561	0.9469
31.4	0.9887	0.9828	0.9708	0.9828	0.9350	0.9932	0.9377	0.9068
31.5	0.9904	0.9792	0.9709	0.9852	0.9445	0.9931	0.9253	0.9092
31.6	0.9918	0.9762	0.9591	0.9860	0.9426	0.9926	0.9414	0.9053
31.7	0.9880	0.9727	0.9530	0.9833	0.9253	0.9915	0.9350	0.9005
31.8	0.9828	0.9354	0.9265	0.9670	0.8654	0.9842	0.9065	0.8270
31.9	0.9911	0.9560	0.9581	0.9799	0.9169	0.9877	0.9435	0.8844
32.0	0.9936	0.9681	0.9730	0.9811	0.9097	0.9914	0.9400	0.8858
32.1	0.9904	0.9453	0.9641	0.9771	0.8796	0.9859	0.9293	0.8666
32.2	0.9908	0.9260	0.9500	0.9674	0.8487	0.9788	0.9255	0.8128
32.3	0.9885	0.8559	0.9464	0.9603	0.8450	0.9730	0.9393	0.8036
32.4	0.9844	0.7273	0.9298	0.9478	0.8166	0.9616	0.9440	0.7873
32.5	0.9894	0.4992	0.9223	0.9648	0.8462	0.9580	0.9630	0.8268
32.6	0.9946	0.4254	0.9444	0.9759	0.8831	0.9792	0.9750	0.8506
32.7	0.9943	0.5993	0.8922	0.9716	0.8827	0.9805	0.9787	0.8440
32.8	0.9946	0.7345	0.8693	0.9665	0.8783	0.9860	0.9785	0.7942
32.9	0.9951	0.8477	0.8218	0.9766	0.8878	0.9862	0.9792	0.7414
33.0	0.9944	0.9259	0.6363	0.9817	0.9022	0.9839	0.9780	0.6623
33.1	0.9961	0.9591	0.4914	0.9880	0.9440	0.9912	0.9872	0.6517
33.2	0.9946	0.9658	0.5106	0.9870	0.9281	0.9891	0.9852	0.5548
33.3	0.9926	0.9606	0.7225	0.9788	0.8789	0.9852	0.9740	0.3938
33.4	0.9943	0.9841	0.8676	0.9858	0.8874	0.9894	0.9763	0.4736
33.5	0.9934	0.9803	0.9121	0.9825	0.8709	0.9904	0.9828	0.5489
33.6	0.9966	0.9916	0.9523	0.9929	0.9335	0.9948	0.9918	0.7490
33.7	0.9959	0.9896	0.9448	0.9902	0.9109	0.9934	0.9892	0.7469

33.8	0.9974	0.9909	0.9567	0.9913	0.8951	0.9938	0.9895	0.6412
33.9	0.9968	0.9918	0.9577	0.9917	0.8991	0.9926	0.9925	0.6040
34.0	0.9965	0.9918	0.9566	0.9917	0.8764	0.9906	0.9910	0.5739
34.1	0.9975	0.9916	0.9622	0.9909	0.8650	0.9899	0.9919	0.4877
34.2	0.9981	0.9935	0.9697	0.9926	0.8554	0.9915	0.9932	0.4088
34.3	0.9972	0.9926	0.9647	0.9925	0.9015	0.9911	0.9907	0.2890
34.4	0.9968	0.9899	0.9505	0.9907	0.8874	0.9850	0.9904	0.2219
34.5	0.9975	0.9907	0.9576	0.9919	0.8740	0.9885	0.9926	0.2674
34.6	0.9964	0.9926	0.9596	0.9913	0.8488	0.9850	0.9907	0.2917
34.7	0.9961	0.9912	0.9623	0.9909	0.8731	0.9829	0.9901	0.3235
34.8	0.9969	0.9938	0.9659	0.9930	0.9096	0.9889	0.9923	0.3016
34.9	0.9974	0.9938	0.9674	0.9926	0.9224	0.9913	0.9919	0.3197
35.0	0.9973	0.9937	0.9703	0.9921	0.9305	0.9904	0.9925	0.4350
35.1	0.9970	0.9930	0.9660	0.9890	0.9255	0.9897	0.9919	0.5173
35.2	0.9967	0.9909	0.9629	0.9877	0.9186	0.9900	0.9927	0.5161
35.3	0.9939	0.9882	0.9567	0.9809	0.8950	0.9859	0.9871	0.4948
35.4	0.9976	0.9938	0.9714	0.9907	0.9411	0.9926	0.9953	0.6309
35.5	0.9980	0.9962	0.9696	0.9935	0.9500	0.9947	0.9964	0.7235
35.6	0.9972	0.9950	0.9617	0.9905	0.9528	0.9941	0.9948	0.5923
35.7	0.9978	0.9943	0.9616	0.9930	0.9657	0.9948	0.9964	0.6272
35.8	0.9975	0.9937	0.9653	0.9923	0.9677	0.9943	0.9958	0.6352
35.9	0.9973	0.9936	0.9716	0.9922	0.9682	0.9955	0.9962	0.5608
36.0	0.9963	0.9927	0.9675	0.9907	0.9694	0.9953	0.9950	0.5549
36.1	0.9956	0.9930	0.9570	0.9901	0.9699	0.9944	0.9927	0.5845
36.2	0.9953	0.9928	0.9582	0.9903	0.9760	0.9926	0.9928	0.6267
36.3	0.9971	0.9933	0.9646	0.9923	0.9788	0.9942	0.9947	0.6923
36.4	0.9956	0.9941	0.9657	0.9886	0.9765	0.9950	0.9936	0.6955
36.5	0.9965	0.9944	0.9716	0.9907	0.9755	0.9953	0.9951	0.7995
36.6	0.9972	0.9935	0.9712	0.9928	0.9814	0.9943	0.9952	0.8413
36.7	0.9971	0.9930	0.9605	0.9924	0.9839	0.9938	0.9952	0.8457
36.8	0.9975	0.9931	0.9614	0.9931	0.9847	0.9932	0.9956	0.8673
36.9	0.9960	0.9928	0.9678	0.9887	0.9904	0.9928	0.9931	0.8756
37.0	0.9973	0.9941	0.9793	0.9918	0.9932	0.9942	0.9951	0.9253
37.1	0.9966	0.9932	0.9688	0.9904	0.9878	0.9910	0.9937	0.9330
37.2	0.9960	0.9917	0.9669	0.9902	0.9868	0.9893	0.9932	0.9457
37.3	0.9950	0.9897	0.9693	0.9870	0.9858	0.9851	0.9925	0.9535
37.4	0.9961	0.9901	0.9662	0.9911	0.9848	0.9861	0.9941	0.9543
37.5	0.9934	0.9879	0.9683	0.9859	0.9841	0.9825	0.9904	0.9585
37.6	0.9961	0.9902	0.9731	0.9914	0.9874	0.9861	0.9938	0.9549
37.7	0.9963	0.9886	0.9609	0.9926	0.9898	0.9903	0.9951	0.9667
37.8	0.9964	0.9867	0.9637	0.9937	0.9895	0.9880	0.9955	0.9675
37.9	0.9950	0.9803	0.9633	0.9922	0.9843	0.9850	0.9945	0.9658
38.0	0.9953	0.9858	0.9771	0.9918	0.9876	0.9886	0.9945	0.9676
38.1	0.9947	0.9746	0.9742	0.9918	0.9894	0.9849	0.9944	0.9636
38.2	0.9968	0.9775	0.9748	0.9949	0.9929	0.9816	0.9964	0.9741
38.3	0.9966	0.9742	0.9803	0.9940	0.9922	0.9729	0.9949	0.9684
38.4	0.9968	0.9815	0.9799	0.9941	0.9919	0.9705	0.9939	0.9678
38.5	0.9972	0.9858	0.9715	0.9942	0.9917	0.9656	0.9943	0.9717
38.6	0.9963	0.9841	0.9717	0.9932	0.9902	0.9660	0.9931	0.9699
38.7	0.9972	0.9868	0.9740	0.9951	0.9912	0.9721	0.9952	0.9742
38.8	0.9973	0.9923	0.9778	0.9952	0.9931	0.9781	0.9954	0.9762
38.9	0.9975	0.9929	0.9819	0.9955	0.9946	0.9846	0.9958	0.9727
39.0	0.9970	0.9909	0.9770	0.9946	0.9931	0.9817	0.9945	0.9654
39.1	0.9974	0.9931	0.9807	0.9952	0.9954	0.9852	0.9948	0.9615
39.2	0.9967	0.9929	0.9797	0.9939	0.9948	0.9857	0.9933	0.9615
39.3	0.9980	0.9916	0.9816	0.9959	0.9944	0.9884	0.9951	0.9602
39.4	0.9970	0.9838	0.9690	0.9943	0.9903	0.9892	0.9942	0.9550
39.5	0.9961	0.9873	0.9757	0.9934	0.9930	0.9917	0.9941	0.9570
39.6	0.9960	0.9851	0.9813	0.9928	0.9920	0.9895	0.9922	0.9204
39.7	0.9957	0.9804	0.9705	0.9926	0.9913	0.9894	0.9927	0.9039
39.8	0.9954	0.9805	0.9682	0.9938	0.9906	0.9918	0.9946	0.9145
39.9	0.9954	0.9737	0.9608	0.9935	0.9890	0.9914	0.9936	0.9126
40.0	0.9957	0.9748	0.9664	0.9944	0.9928	0.9934	0.9944	0.9112
40.1	0.9953	0.9667	0.9634	0.9940	0.9917	0.9934	0.9941	0.9068
40.2	0.9958	0.9667	0.9718	0.9945	0.9916	0.9933	0.9947	0.8780
40.3	0.9962	0.9725	0.9756	0.9956	0.9911	0.9941	0.9955	0.8306
40.4	0.9962	0.9692	0.9670	0.9951	0.9926	0.9928	0.9951	0.8091
40.5	0.9971	0.9627	0.9711	0.9961	0.9951	0.9948	0.9968	0.9237
40.6	0.9975	0.9491	0.9664	0.9962	0.9942	0.9948	0.9962	0.9492
40.7	0.9956	0.9210	0.9566	0.9938	0.9929	0.9924	0.9944	0.9515
40.8	0.9964	0.8860	0.9627	0.9950	0.9930	0.9927	0.9961	0.9526
40.9	0.9982	0.8703	0.9653	0.9968	0.9916	0.9939	0.9975	0.9672
41.0	0.9974	0.7504	0.9566	0.9959	0.9859	0.9909	0.9969	0.9597
41.1	0.9967	0.3311	0.9516	0.9943	0.9890	0.9894	0.9956	0.9484
41.2	0.9955	0.2405	0.9607	0.9947	0.9906	0.9910	0.9969	0.9672
41.3	0.9945	0.6251	0.9497	0.9946	0.9920	0.9898	0.9965	0.9695
41.4	0.9928	0.7690	0.9431	0.9950	0.9870	0.9833	0.9949	0.9779
41.5	0.9944	0.8069	0.9441	0.9946	0.9898	0.9756	0.9953	0.9576
41.6	0.9958	0.7781	0.9450	0.9931	0.9922	0.9782	0.9969	0.9445
41.7	0.9958	0.8007	0.9490	0.9956	0.9920	0.9701	0.9960	0.9256
41.8	0.9912	0.8005	0.9497	0.9908	0.9936	0.9770	0.9941	0.8687
41.9	0.9921	0.6636	0.9463	0.9901	0.9951	0.9885	0.9940	0.7552
42.0	0.9946	0.8200	0.9357	0.9961	0.9913	0.9857	0.9960	0.9374
42.1	0.9933	0.8719	0.9215	0.9967	0.9936	0.9794	0.9966	0.9802
42.2	0.9962	0.9306	0.9249	0.9977	0.9929	0.9591	0.9972	0.9808
42.3	0.9969	0.9279	0.9208	0.9968	0.9925	0.9593	0.9960	0.9739

42.4	0.9950	0.9335	0.8850	0.9967	0.9922	0.9860	0.9962	0.9827
42.5	0.9931	0.9364	0.9024	0.9969	0.9941	0.9830	0.9967	0.9857
42.6	0.9938	0.9396	0.9174	0.9966	0.9939	0.9843	0.9959	0.9729
42.7	0.9918	0.9233	0.9338	0.9938	0.9923	0.9661	0.9929	0.9222
42.8	0.9946	0.8752	0.9116	0.9898	0.9920	0.9401	0.9922	0.8447
42.9	0.9954	0.9320	0.9230	0.9916	0.9892	0.9693	0.9936	0.9021
43.0	0.9930	0.9423	0.9182	0.9945	0.9951	0.9930	0.9946	0.9523
43.1	0.9912	0.9477	0.9386	0.9960	0.9945	0.9912	0.9952	0.9669
43.2	0.9829	0.9347	0.9375	0.9969	0.9868	0.9763	0.9964	0.9146
43.3	0.9769	0.9439	0.9402	0.9956	0.9731	0.9846	0.9937	0.9154
43.4	0.9855	0.9498	0.9330	0.9944	0.9704	0.9910	0.9926	0.9672
43.5	0.9844	0.9412	0.9131	0.9900	0.9680	0.9881	0.9894	0.9772
43.6	0.9831	0.9257	0.8892	0.9886	0.9796	0.9908	0.9898	0.9817
43.7	0.9878	0.9590	0.8921	0.9942	0.9895	0.9921	0.9944	0.9908
43.8	0.9876	0.9653	0.8697	0.9954	0.9898	0.9908	0.9952	0.9836
43.9	0.9857	0.9589	0.9001	0.9963	0.9908	0.9862	0.9958	0.9762
44.0	0.9795	0.9406	0.8867	0.9957	0.9801	0.9907	0.9957	0.9483
44.1	0.9752	0.9470	0.8533	0.9946	0.9364	0.9872	0.9914	0.9316
44.2	0.9789	0.9461	0.8174	0.9923	0.9658	0.9647	0.9876	0.9430
44.3	0.9821	0.9591	0.8201	0.9927	0.9907	0.9507	0.9907	0.9688
44.4	0.9667	0.9718	0.8547	0.9914	0.9911	0.9470	0.9919	0.9844
44.5	0.9719	0.9725	0.8594	0.9937	0.9888	0.9600	0.9931	0.9738
44.6	0.9471	0.9608	0.8035	0.9874	0.9869	0.9502	0.9862	0.9504
44.7	0.9321	0.9725	0.8538	0.9898	0.9862	0.9620	0.9870	0.9555
44.8	0.9125	0.9061	0.8691	0.9875	0.9820	0.9657	0.9874	0.9592
44.9	0.8979	0.7484	0.7967	0.9875	0.9709	0.9283	0.9857	0.9577
45.0	0.8885	0.8707	0.7760	0.9827	0.9665	0.8724	0.9726	0.9601
45.1	0.8842	0.8569	0.7681	0.9803	0.9724	0.8341	0.9717	0.9504
45.2	0.9110	0.7733	0.7846	0.9813	0.9738	0.8766	0.9786	0.9592
45.3	0.8916	0.8208	0.7157	0.9755	0.9757	0.8104	0.9745	0.9844
45.4	0.7885	0.9149	0.6774	0.9704	0.9734	0.8453	0.9690	0.9795
45.5	0.6826	0.9020	0.7300	0.9674	0.9252	0.8209	0.9562	0.9738
45.6	0.7333	0.8854	0.7109	0.9608	0.9113	0.6717	0.9516	0.9810
45.7	0.4624	0.9306	0.6889	0.9398	0.9179	0.4513	0.9226	0.9920
45.8	0.4817	0.9379	0.7107	0.9423	0.8997	0.4142	0.9188	0.9874
45.9	0.6901	0.9501	0.7715	0.9577	0.9119	0.4623	0.9422	0.9830
46.0	0.7356	0.9603	0.8509	0.9623	0.9246	0.1931	0.9524	0.9785
46.1	0.5548	0.9705	0.7698	0.9381	0.9065	0.2226	0.9260	0.9831
46.2	0.2551	0.9674	0.7647	0.9415	0.9059	0.3861	0.9408	0.9895
46.3	0.1618	0.9474	0.6855	0.9369	0.8098	0.3047	0.9334	0.9862
46.4	0.5216	0.8779	0.7454	0.9405	0.7839	0.0715	0.9295	0.9762
46.5	0.8265	0.7955	0.7838	0.9436	0.8888	0.4024	0.9314	0.9613
46.6	0.8274	0.8428	0.7963	0.9432	0.9291	0.5565	0.9412	0.9708
46.7	0.7325	0.8938	0.8007	0.9356	0.9591	0.6082	0.9526	0.9910
46.8	0.7108	0.9146	0.7820	0.9378	0.9539	0.7007	0.9560	0.9904
46.9	0.8380	0.9476	0.8110	0.9593	0.9655	0.7856	0.9713	0.9894
47.0	0.8585	0.9468	0.7984	0.9581	0.9644	0.7821	0.9764	0.9720
47.1	0.8800	0.9191	0.7941	0.9542	0.9591	0.8603	0.9757	0.9753
47.2	0.8603	0.9432	0.8398	0.9764	0.9702	0.9211	0.9834	0.9860
47.3	0.7825	0.9540	0.8305	0.9803	0.9727	0.8889	0.9854	0.9842
47.4	0.7185	0.9454	0.7506	0.9780	0.9731	0.8524	0.9886	0.9728
47.5	0.6910	0.9474	0.6319	0.9683	0.9654	0.7914	0.9884	0.9683
47.6	0.8654	0.9819	0.7854	0.9821	0.9578	0.8004	0.9903	0.9738
47.7	0.9162	0.9838	0.7591	0.9843	0.9635	0.7511	0.9939	0.9584
47.8	0.9320	0.9872	0.8240	0.9828	0.9757	0.8594	0.9918	0.9553
47.9	0.9265	0.9890	0.8476	0.9763	0.9823	0.8988	0.9941	0.9688
48.0	0.9272	0.9926	0.8744	0.9784	0.9776	0.9070	0.9963	0.9724
48.1	0.8476	0.9917	0.8434	0.9797	0.9799	0.9301	0.9974	0.9691
48.2	0.7991	0.9901	0.7859	0.9769	0.9899	0.9307	0.9969	0.9578
48.3	0.7954	0.9919	0.8119	0.9789	0.9889	0.9036	0.9958	0.9569
48.4	0.6903	0.9918	0.8248	0.9703	0.9930	0.8999	0.9943	0.9648
48.5	0.7936	0.9946	0.8044	0.9712	0.9952	0.9172	0.9957	0.9696
48.6	0.8436	0.9932	0.8791	0.9814	0.9935	0.9241	0.9967	0.9713
48.7	0.7194	0.9938	0.9231	0.9874	0.9911	0.9499	0.9952	0.9679
48.8	0.3727	0.9924	0.8929	0.9874	0.9909	0.9554	0.9947	0.9682
48.9	0.1034	0.9898	0.8185	0.9803	0.9830	0.9619	0.9933	0.9674
49.0	0.1278	0.9908	0.8354	0.9766	0.9882	0.9729	0.9931	0.9776
49.1	0.2910	0.9907	0.8382	0.9709	0.9921	0.9743	0.9912	0.9724
49.2	0.6445	0.9910	0.8879	0.9846	0.9935	0.9789	0.9952	0.9799
49.3	0.8965	0.9939	0.9447	0.9887	0.9936	0.9726	0.9956	0.9843
49.4	0.7848	0.9917	0.8494	0.9736	0.9915	0.9258	0.9929	0.9672
49.5	0.5911	0.9857	0.7678	0.9565	0.9866	0.9147	0.9886	0.9477
49.6	0.5559	0.9774	0.6811	0.9231	0.9782	0.8783	0.9792	0.9341
49.7	0.6914	0.9801	0.7592	0.9170	0.9836	0.8736	0.9808	0.9509
49.8	0.8693	0.9885	0.9000	0.9636	0.9912	0.9320	0.9917	0.9715
49.9	0.8224	0.9925	0.9360	0.9812	0.9907	0.9477	0.9939	0.9750
50.0	0.7118	0.9905	0.8415	0.9601	0.9844	0.9678	0.9879	0.9679
50.1	0.7991	0.9902	0.8705	0.9634	0.9864	0.9715	0.9914	0.9708
50.2	0.7873	0.9884	0.7893	0.9539	0.9799	0.9551	0.9875	0.9431
50.3	0.8759	0.9912	0.8359	0.9708	0.9746	0.9654	0.9889	0.9467
50.4	0.9282	0.9917	0.8993	0.9779	0.9751	0.9667	0.9878	0.9613
50.5	0.9727	0.9953	0.9711	0.9903	0.9821	0.9749	0.9930	0.9761
50.6	0.9139	0.9926	0.9231	0.9765	0.9529	0.9754	0.9915	0.9444
50.7	0.8844	0.9930	0.8782	0.9627	0.9643	0.9815	0.9894	0.9454
50.8	0.9094	0.9944	0.9066	0.9659	0.9691	0.9804	0.9916	0.9467
50.9	0.8431	0.9897	0.8307	0.9313	0.9613	0.9661	0.9814	0.9202

51.0	0.8127	0.9851	0.8088	0.9354	0.9659	0.9693	0.9777	0.9202
51.1	0.8986	0.9918	0.9486	0.9825	0.9810	0.9879	0.9935	0.9447
51.2	0.8869	0.9898	0.9064	0.9736	0.9748	0.9770	0.9933	0.8439
51.3	0.9197	0.9928	0.9058	0.9771	0.9801	0.9793	0.9921	0.8768
51.4	0.9255	0.9917	0.8975	0.9761	0.9817	0.9769	0.9906	0.9346
51.5	0.9319	0.9902	0.9344	0.9866	0.9840	0.9815	0.9928	0.9646
51.6	0.9346	0.9909	0.9506	0.9857	0.9835	0.9878	0.9934	0.9632
51.7	0.9546	0.9913	0.9551	0.9889	0.9813	0.9914	0.9952	0.9305
51.8	0.9517	0.9920	0.9645	0.9869	0.9836	0.9890	0.9942	0.9594
51.9	0.9387	0.9949	0.9603	0.9894	0.9784	0.9904	0.9955	0.9547
52.0	0.9465	0.9930	0.9577	0.9900	0.9640	0.9863	0.9958	0.9247
52.1	0.9644	0.9938	0.9617	0.9931	0.9778	0.9864	0.9973	0.9688
52.2	0.9569	0.9919	0.9520	0.9910	0.9689	0.9699	0.9975	0.9626
52.3	0.9236	0.9923	0.9643	0.9884	0.9694	0.9765	0.9956	0.9632
52.4	0.8932	0.9897	0.9499	0.9878	0.9482	0.9747	0.9954	0.9012
52.5	0.9194	0.9868	0.9484	0.9899	0.8909	0.9783	0.9951	0.8657
52.6	0.9566	0.9887	0.9613	0.9939	0.9504	0.9841	0.9968	0.9053
52.7	0.9381	0.9802	0.9485	0.9937	0.9511	0.9832	0.9962	0.8222
52.8	0.9530	0.9835	0.9506	0.9939	0.9720	0.9771	0.9971	0.8834
52.9	0.9306	0.9769	0.9473	0.9899	0.9605	0.9683	0.9962	0.8553
53.0	0.9561	0.9817	0.9719	0.9937	0.9509	0.9830	0.9971	0.9063
53.1	0.9571	0.9810	0.9503	0.9940	0.9166	0.9778	0.9969	0.9383
53.2	0.9575	0.9850	0.9668	0.9954	0.9308	0.9867	0.9981	0.9395
53.3	0.9211	0.9770	0.9603	0.9917	0.9249	0.9819	0.9971	0.7897
53.4	0.9563	0.9716	0.9626	0.9949	0.9110	0.9865	0.9980	0.7305
53.5	0.9384	0.9781	0.9643	0.9947	0.8695	0.9852	0.9983	0.9110
53.6	0.9029	0.9854	0.9683	0.9944	0.8952	0.9875	0.9982	0.9696
53.7	0.8956	0.9754	0.9626	0.9915	0.8833	0.9866	0.9968	0.9649
53.8	0.9423	0.9757	0.9429	0.9947	0.8347	0.9835	0.9982	0.9595
53.9	0.9604	0.9700	0.9552	0.9950	0.7254	0.9834	0.9981	0.9547
54.0	0.9548	0.9599	0.9628	0.9928	0.6953	0.9892	0.9975	0.9486
54.1	0.9387	0.8746	0.9495	0.9890	0.6929	0.9897	0.9966	0.8694
54.2	0.9553	0.8982	0.9420	0.9926	0.8600	0.9885	0.9972	0.8520
54.3	0.9465	0.9470	0.9544	0.9908	0.8982	0.9880	0.9969	0.9363
54.4	0.9457	0.9624	0.9503	0.9931	0.9007	0.9882	0.9975	0.9310
54.5	0.9326	0.9619	0.9493	0.9937	0.9014	0.9862	0.9972	0.9288
54.6	0.9103	0.9571	0.9669	0.9937	0.9183	0.9909	0.9976	0.9092
54.7	0.8718	0.9557	0.9698	0.9935	0.9371	0.9933	0.9977	0.9311
54.8	0.9203	0.9455	0.9657	0.9941	0.9234	0.9920	0.9974	0.9382
54.9	0.9521	0.9520	0.9706	0.9948	0.9219	0.9933	0.9982	0.9501
55.0	0.9377	0.9435	0.9775	0.9932	0.9346	0.9943	0.9977	0.9550
55.1	0.9344	0.9534	0.9754	0.9936	0.9521	0.9967	0.9978	0.9626
55.2	0.9280	0.9312	0.9727	0.9932	0.9363	0.9957	0.9975	0.9372
55.3	0.9480	0.9167	0.9760	0.9943	0.9478	0.9956	0.9978	0.9460
55.4	0.9188	0.7431	0.9627	0.9932	0.9380	0.9947	0.9969	0.9054
55.5	0.9100	0.8510	0.9640	0.9936	0.9493	0.9951	0.9965	0.8550
55.6	0.9526	0.9397	0.9713	0.9953	0.9630	0.9957	0.9974	0.9177
55.7	0.9504	0.9610	0.9750	0.9960	0.9644	0.9967	0.9982	0.9381
55.8	0.9461	0.9541	0.9615	0.9947	0.9559	0.9956	0.9980	0.9205
55.9	0.9241	0.9405	0.9551	0.9925	0.9414	0.9950	0.9968	0.9442
56.0	0.9534	0.9099	0.9623	0.9958	0.9505	0.9951	0.9975	0.9538
56.1	0.9428	0.9291	0.9598	0.9933	0.9340	0.9936	0.9975	0.9489
56.2	0.9429	0.9444	0.9700	0.9933	0.9511	0.9967	0.9973	0.9533
56.3	0.9417	0.9293	0.9729	0.9936	0.9630	0.9977	0.9972	0.9564
56.4	0.9359	0.8771	0.9631	0.9917	0.9410	0.9961	0.9965	0.9417
56.5	0.9324	0.8708	0.9524	0.9924	0.9435	0.9951	0.9971	0.9111
56.6	0.9603	0.9072	0.9716	0.9960	0.9675	0.9971	0.9985	0.9500
56.7	0.9514	0.8999	0.9724	0.9956	0.9682	0.9980	0.9985	0.9551
56.8	0.9266	0.8540	0.9683	0.9926	0.9517	0.9965	0.9978	0.9409
56.9	0.9143	0.8129	0.9628	0.9929	0.9368	0.9968	0.9972	0.9292
57.0	0.9414	0.7895	0.9644	0.9937	0.9246	0.9969	0.9966	0.9433
57.1	0.9344	0.8095	0.9685	0.9947	0.8935	0.9966	0.9970	0.9472
57.2	0.9126	0.8650	0.9596	0.9927	0.8781	0.9947	0.9966	0.9493
57.3	0.8911	0.8268	0.9560	0.9902	0.8682	0.9935	0.9961	0.9339
57.4	0.9339	0.8326	0.9737	0.9933	0.9036	0.9954	0.9969	0.9464
57.5	0.9116	0.8426	0.9646	0.9900	0.8840	0.9946	0.9955	0.9303
57.6	0.9186	0.9121	0.9687	0.9879	0.9049	0.9953	0.9960	0.9465
57.7	0.9267	0.9035	0.9713	0.9896	0.8937	0.9961	0.9965	0.9488
57.8	0.9539	0.9134	0.9756	0.9919	0.9141	0.9962	0.9965	0.9528
57.9	0.9412	0.9380	0.9784	0.9910	0.9220	0.9940	0.9963	0.9607
58.0	0.9190	0.9136	0.9817	0.9883	0.9064	0.9939	0.9965	0.9657
58.1	0.9463	0.9064	0.9772	0.9909	0.8837	0.9948	0.9964	0.9574
58.2	0.9393	0.9188	0.9733	0.9862	0.7265	0.9945	0.9964	0.9263
58.3	0.9418	0.9350	0.9795	0.9896	0.8072	0.9947	0.9969	0.9589
58.4	0.9468	0.9395	0.9775	0.9901	0.9130	0.9948	0.9956	0.9667
58.5	0.9434	0.9260	0.9748	0.9907	0.9058	0.9933	0.9946	0.9566
58.6	0.9483	0.9590	0.9777	0.9881	0.9455	0.9934	0.9959	0.9654
58.7	0.9410	0.9662	0.9778	0.9807	0.9492	0.9933	0.9960	0.9669
58.8	0.9436	0.9525	0.9781	0.9799	0.9354	0.9940	0.9957	0.9676
58.9	0.9511	0.9470	0.9819	0.9823	0.9388	0.9945	0.9953	0.9588
59.0	0.8974	0.8042	0.9790	0.9772	0.8380	0.9914	0.9941	0.9051
59.1	0.9471	0.8662	0.9828	0.9870	0.8910	0.9952	0.9961	0.9560
59.2	0.9608	0.9460	0.9774	0.9855	0.9255	0.9950	0.9953	0.9606
59.3	0.9561	0.9547	0.9802	0.9866	0.9347	0.9942	0.9955	0.9584
59.4	0.9633	0.9619	0.9826	0.9901	0.9266	0.9951	0.9959	0.9638
59.5	0.9541	0.9572	0.9837	0.9906	0.9133	0.9947	0.9958	0.9578

59.6	0.9635	0.9614	0.9880	0.9933	0.9357	0.9955	0.9965	0.9656
59.7	0.9565	0.9675	0.9872	0.9926	0.9464	0.9945	0.9961	0.9665
59.8	0.9496	0.9671	0.9795	0.9927	0.9377	0.9933	0.9940	0.9711
59.9	0.9445	0.9600	0.9753	0.9935	0.9156	0.9914	0.9858	0.8681
60.0	0.9515	0.9739	0.9811	0.9949	0.9366	0.9933	0.9734	0.7318
60.1	0.9585	0.9778	0.9878	0.9963	0.9548	0.9940	0.9910	0.8836
60.2	0.9404	0.9702	0.9806	0.9960	0.9315	0.9919	0.9951	0.9565
60.3	0.9449	0.9731	0.9783	0.9957	0.9386	0.9936	0.9951	0.9555
60.4	0.9479	0.9687	0.9759	0.9964	0.9342	0.9937	0.9960	0.9576
60.5	0.9533	0.9564	0.9809	0.9961	0.9207	0.9938	0.9951	0.9484
60.6	0.9524	0.9706	0.9833	0.9958	0.9350	0.9929	0.9950	0.9502
60.7	0.9464	0.9676	0.9797	0.9957	0.9291	0.9926	0.9944	0.9392
60.8	0.9470	0.9608	0.9804	0.9969	0.9072	0.9929	0.9948	0.9163
60.9	0.9569	0.9613	0.9834	0.9976	0.8955	0.9938	0.9956	0.9386
61.0	0.9605	0.9392	0.9840	0.9964	0.8677	0.9930	0.9950	0.9076
61.1	0.9562	0.9197	0.9769	0.9959	0.8333	0.9918	0.9942	0.8882
61.2	0.9464	0.9365	0.9745	0.9963	0.8248	0.9918	0.9934	0.8533
61.3	0.9374	0.9504	0.9747	0.9962	0.8467	0.9914	0.9930	0.8116
61.4	0.9459	0.9512	0.9735	0.9958	0.8309	0.9908	0.9924	0.8159
61.5	0.9465	0.9539	0.9758	0.9970	0.8237	0.9924	0.9918	0.8582
61.6	0.9413	0.9596	0.9765	0.9971	0.8291	0.9916	0.9915	0.7755
61.7	0.9196	0.9633	0.9686	0.9941	0.8317	0.9891	0.9907	0.6489
61.8	0.9382	0.9747	0.9753	0.9961	0.8744	0.9915	0.9916	0.7567
61.9	0.9346	0.9756	0.9802	0.9965	0.8881	0.9927	0.9930	0.6657
62.0	0.9483	0.9797	0.9821	0.9972	0.9050	0.9942	0.9942	0.6336
62.1	0.9526	0.9830	0.9792	0.9971	0.9247	0.9934	0.9927	0.6600
62.2	0.9487	0.9846	0.9819	0.9969	0.9384	0.9933	0.9929	0.7840
62.3	0.9438	0.9859	0.9803	0.9959	0.9510	0.9928	0.9924	0.8243
62.4	0.9405	0.9852	0.9811	0.9964	0.9400	0.9925	0.9930	0.8327
62.5	0.9489	0.9842	0.9804	0.9963	0.9487	0.9938	0.9930	0.8481
62.6	0.9690	0.9889	0.9836	0.9970	0.9684	0.9945	0.9952	0.8783
62.7	0.9556	0.9888	0.9837	0.9965	0.9658	0.9948	0.9943	0.8483
62.8	0.9590	0.9887	0.9829	0.9963	0.9629	0.9941	0.9912	0.8515
62.9	0.9684	0.9916	0.9862	0.9969	0.9743	0.9951	0.9926	0.8749
63.0	0.9738	0.9927	0.9882	0.9970	0.9809	0.9957	0.9947	0.8853
63.1	0.9732	0.9909	0.9832	0.9951	0.9723	0.9949	0.9921	0.8732
63.2	0.9743	0.9914	0.9875	0.9951	0.9748	0.9938	0.9921	0.8897
63.3	0.9825	0.9935	0.9893	0.9962	0.9813	0.9953	0.9942	0.9127
63.4	0.9831	0.9934	0.9877	0.9958	0.9824	0.9949	0.9947	0.8995
63.5	0.9770	0.9909	0.9810	0.9943	0.9756	0.9938	0.9929	0.8810
63.6	0.9802	0.9952	0.9894	0.9960	0.9874	0.9966	0.9946	0.9220
63.7	0.9826	0.9940	0.9886	0.9951	0.9850	0.9950	0.9931	0.9081
63.8	0.9697	0.9912	0.9791	0.9919	0.9813	0.9910	0.9884	0.8228
63.9	0.9697	0.9886	0.9796	0.9897	0.9740	0.9890	0.9809	0.8092
64.0	0.9827	0.9926	0.9899	0.9940	0.9802	0.9920	0.9892	0.8662
64.1	0.9857	0.9952	0.9906	0.9962	0.9859	0.9953	0.9952	0.8607
64.2	0.9823	0.9937	0.9884	0.9939	0.9880	0.9948	0.9933	0.8319
64.3	0.9796	0.9935	0.9880	0.9934	0.9874	0.9945	0.9930	0.8444
64.4	0.9841	0.9937	0.9836	0.9943	0.9861	0.9950	0.9936	0.8445
64.5	0.9782	0.9929	0.9869	0.9933	0.9861	0.9931	0.9915	0.8129
64.6	0.9768	0.9935	0.9900	0.9922	0.9874	0.9939	0.9896	0.7712
64.7	0.9728	0.9916	0.9873	0.9907	0.9847	0.9932	0.9879	0.7037
64.8	0.9790	0.9939	0.9898	0.9936	0.9890	0.9950	0.9920	0.7387
64.9	0.9805	0.9937	0.9888	0.9933	0.9877	0.9955	0.9932	0.6564
65.0	0.9761	0.9948	0.9882	0.9933	0.9888	0.9932	0.9939	0.5956
65.1	0.9644	0.9889	0.9801	0.9890	0.9807	0.9907	0.9885	0.4651
65.2	0.9693	0.9918	0.9788	0.9897	0.9866	0.9912	0.9892	0.4173
65.3	0.9776	0.9935	0.9850	0.9930	0.9903	0.9937	0.9919	0.5020
65.4	0.9745	0.9945	0.9897	0.9938	0.9903	0.9948	0.9942	0.5388
65.5	0.9722	0.9930	0.9848	0.9922	0.9896	0.9929	0.9921	0.4254
65.6	0.9717	0.9913	0.9751	0.9888	0.9878	0.9914	0.9876	0.3922
65.7	0.9659	0.9907	0.9767	0.9876	0.9873	0.9912	0.9890	0.2961
65.8	0.9732	0.9887	0.9728	0.9862	0.9859	0.9886	0.9895	0.2923
65.9	0.9769	0.9904	0.9748	0.9880	0.9867	0.9875	0.9897	0.2872
66.0	0.9772	0.9911	0.9840	0.9893	0.9900	0.9907	0.9908	0.4625
66.1	0.9786	0.9908	0.9852	0.9913	0.9898	0.9911	0.9923	0.5637
66.2	0.9805	0.9932	0.9844	0.9918	0.9929	0.9912	0.9927	0.5783
66.3	0.9775	0.9896	0.9793	0.9876	0.9901	0.9878	0.9889	0.6185
66.4	0.9738	0.9891	0.9772	0.9868	0.9869	0.9888	0.9889	0.6784
66.5	0.9776	0.9887	0.9789	0.9868	0.9911	0.9896	0.9892	0.6764
66.6	0.9686	0.9860	0.9777	0.9851	0.9883	0.9878	0.9894	0.6888
66.7	0.9712	0.9895	0.9698	0.9874	0.9908	0.9870	0.9900	0.8053
66.8	0.9753	0.9876	0.9753	0.9858	0.9904	0.9864	0.9883	0.8251
66.9	0.9724	0.9848	0.9752	0.9799	0.9885	0.9825	0.9847	0.7888
67.0	0.9762	0.9871	0.9764	0.9849	0.9907	0.9856	0.9871	0.8492
67.1	0.9736	0.9867	0.9702	0.9837	0.9907	0.9847	0.9861	0.8468
67.2	0.9618	0.9779	0.9599	0.9743	0.9834	0.9806	0.9787	0.8033
67.3	0.9742	0.9862	0.9618	0.9815	0.9887	0.9830	0.9829	0.8417
67.4	0.9731	0.9840	0.9688	0.9853	0.9883	0.9847	0.9855	0.8648
67.5	0.9713	0.9839	0.9705	0.9829	0.9890	0.9815	0.9844	0.8885
67.6	0.9708	0.9793	0.9691	0.9779	0.9864	0.9792	0.9811	0.8848
67.7	0.9769	0.9808	0.9671	0.9790	0.9858	0.9821	0.9806	0.8772
67.8	0.9672	0.9835	0.9702	0.9785	0.9851	0.9813	0.9809	0.8885
67.9	0.9688	0.9801	0.9622	0.9780	0.9836	0.9776	0.9791	0.8968
68.0	0.9682	0.9817	0.9567	0.9797	0.9822	0.9812	0.9814	0.8928
68.1	0.9645	0.9773	0.9621	0.9749	0.9811	0.9767	0.9752	0.8768

68.2	0.9614	0.9741	0.9543	0.9709	0.9771	0.9713	0.9709	0.8536
68.3	0.9726	0.9799	0.9633	0.9767	0.9814	0.9764	0.9781	0.8905
68.4	0.9676	0.9778	0.9510	0.9716	0.9802	0.9716	0.9746	0.8887
68.5	0.9663	0.9745	0.9520	0.9713	0.9811	0.9711	0.9735	0.9140
68.6	0.9604	0.9780	0.9513	0.9708	0.9789	0.9714	0.9730	0.9061
68.7	0.9647	0.9760	0.9375	0.9699	0.9773	0.9641	0.9708	0.8938
68.8	0.9564	0.9788	0.9540	0.9743	0.9786	0.9710	0.9759	0.9054
68.9	0.9347	0.9680	0.9459	0.9640	0.9682	0.9612	0.9664	0.8517
69.0	0.9489	0.9761	0.9572	0.9756	0.9764	0.9711	0.9770	0.8839
69.1	0.9240	0.9764	0.9514	0.9697	0.9700	0.9687	0.9712	0.9094
69.2	0.9099	0.9734	0.9524	0.9706	0.9663	0.9727	0.9720	0.9110
69.3	0.8163	0.9636	0.9451	0.9597	0.9465	0.9623	0.9652	0.8861
69.4	0.7258	0.9721	0.9580	0.9759	0.9531	0.9737	0.9784	0.9111
69.5	0.6050	0.9650	0.9316	0.9648	0.9575	0.9609	0.9653	0.8890
69.6	0.4088	0.9685	0.9375	0.9663	0.9644	0.9620	0.9654	0.9023
69.7	0.1137	0.9693	0.9298	0.9666	0.9546	0.9621	0.9662	0.8978
69.8	0.3442	0.9701	0.9393	0.9657	0.9540	0.9659	0.9654	0.9059
69.9	0.5561	0.9784	0.9568	0.9758	0.9584	0.9762	0.9754	0.9409
70.0	0.6605	0.9715	0.9494	0.9742	0.9515	0.9697	0.9723	0.9259
70.1	0.7638	0.9733	0.9506	0.9710	0.9570	0.9680	0.9734	0.9225
70.2	0.7682	0.9643	0.9414	0.9668	0.9319	0.9623	0.9671	0.9164
70.3	0.7480	0.9559	0.9179	0.9607	0.8999	0.9544	0.9578	0.9059
70.4	0.8512	0.9578	0.9222	0.9547	0.9231	0.9513	0.9545	0.9064
70.5	0.9027	0.9676	0.9461	0.9673	0.9101	0.9643	0.9678	0.9194
70.6	0.8969	0.9654	0.9395	0.9657	0.8730	0.9642	0.9685	0.8878
70.7	0.9268	0.9642	0.9479	0.9701	0.8792	0.9687	0.9687	0.8890
70.8	0.9291	0.9645	0.9485	0.9691	0.8835	0.9687	0.9687	0.9024
70.9	0.9310	0.9710	0.9575	0.9766	0.9066	0.9744	0.9730	0.8995
71.0	0.9450	0.9690	0.9515	0.9716	0.9250	0.9713	0.9727	0.8427
71.1	0.9448	0.9627	0.9501	0.9664	0.9340	0.9644	0.9664	0.8128
71.2	0.9353	0.9704	0.9569	0.9746	0.9425	0.9718	0.9755	0.8603
71.3	0.9380	0.9709	0.9608	0.9743	0.9440	0.9744	0.9764	0.8668
71.4	0.9130	0.9721	0.9655	0.9762	0.9264	0.9760	0.9773	0.8774
71.5	0.9196	0.9760	0.9725	0.9784	0.9398	0.9793	0.9785	0.8533
71.6	0.9203	0.9764	0.9729	0.9803	0.9499	0.9809	0.9786	0.8731
71.7	0.9222	0.9792	0.9742	0.9794	0.9469	0.9820	0.9795	0.8745
71.8	0.9000	0.9753	0.9743	0.9774	0.9350	0.9815	0.9765	0.8756
71.9	0.8990	0.9835	0.9814	0.9851	0.9516	0.9878	0.9843	0.9174
72.0	0.8947	0.9798	0.9812	0.9861	0.9368	0.9862	0.9818	0.9130
72.1	0.8375	0.9716	0.9766	0.9790	0.9174	0.9825	0.9732	0.8736
72.2	0.8161	0.9710	0.9761	0.9837	0.9079	0.9858	0.9730	0.8726
72.3	0.7473	0.9729	0.9758	0.9815	0.8844	0.9844	0.9719	0.8543
72.4	0.7834	0.9729	0.9745	0.9810	0.8886	0.9849	0.9735	0.8531
72.5	0.8312	0.9760	0.9790	0.9857	0.8998	0.9863	0.9769	0.8982
72.6	0.8098	0.9770	0.9829	0.9875	0.8866	0.9902	0.9752	0.9105
72.7	0.8008	0.9757	0.9814	0.9866	0.8693	0.9906	0.9754	0.8799
72.8	0.8323	0.9650	0.9758	0.9818	0.8626	0.9862	0.9667	0.8814
72.9	0.8417	0.9621	0.9817	0.9867	0.8642	0.9881	0.9661	0.9227
73.0	0.8382	0.9651	0.9845	0.9882	0.8451	0.9894	0.9694	0.9340
73.1	0.7182	0.9516	0.9799	0.9860	0.7296	0.9848	0.9603	0.9038
73.2	0.6409	0.9516	0.9792	0.9880	0.5932	0.9866	0.9607	0.9137
73.3	0.7347	0.9542	0.9767	0.9898	0.6035	0.9871	0.9636	0.9180
73.4	0.7279	0.9392	0.9776	0.9890	0.4939	0.9859	0.9543	0.9266
73.5	0.7384	0.9473	0.9812	0.9888	0.4144	0.9858	0.9584	0.9352
73.6	0.7340	0.9556	0.9822	0.9904	0.2739	0.9859	0.9633	0.9413
73.7	0.7311	0.9607	0.9808	0.9930	0.2094	0.9878	0.9679	0.9395
73.8	0.6804	0.9570	0.9843	0.9923	0.1710	0.9873	0.9629	0.9335
73.9	0.6887	0.9643	0.9824	0.9920	0.2751	0.9895	0.9683	0.9465
74.0	0.7008	0.9569	0.9846	0.9921	0.5218	0.9887	0.9613	0.9506
74.1	0.6917	0.9466	0.9825	0.9910	0.5495	0.9855	0.9539	0.9521
74.2	0.5788	0.9501	0.9788	0.9891	0.6320	0.9833	0.9561	0.9491
74.3	0.6344	0.9676	0.9786	0.9900	0.7424	0.9867	0.9709	0.9486
74.4	0.6413	0.9680	0.9789	0.9885	0.8284	0.9875	0.9715	0.9559
74.5	0.7270	0.9716	0.9827	0.9901	0.8873	0.9886	0.9749	0.9658
74.6	0.7253	0.9746	0.9823	0.9918	0.8858	0.9896	0.9777	0.9659
74.7	0.6905	0.9688	0.9760	0.9894	0.8998	0.9868	0.9718	0.9616
74.8	0.7600	0.9757	0.9783	0.9907	0.9262	0.9871	0.9788	0.9650
74.9	0.8092	0.9844	0.9775	0.9919	0.9461	0.9894	0.9845	0.9645
75.0	0.8111	0.9818	0.9818	0.9921	0.9424	0.9912	0.9803	0.9603
75.1	0.7771	0.9791	0.9749	0.9910	0.9389	0.9914	0.9774	0.9573
75.2	0.8296	0.9849	0.9788	0.9913	0.9590	0.9925	0.9836	0.9654
75.3	0.8827	0.9892	0.9836	0.9933	0.9726	0.9944	0.9885	0.9766
75.4	0.8508	0.9865	0.9769	0.9922	0.9569	0.9936	0.9855	0.9629
75.5	0.8700	0.9865	0.9767	0.9921	0.9673	0.9926	0.9847	0.9618
75.6	0.9241	0.9915	0.9800	0.9938	0.9759	0.9946	0.9898	0.9739
75.7	0.9140	0.9895	0.9760	0.9935	0.9706	0.9930	0.9879	0.9608
75.8	0.9284	0.9907	0.9799	0.9927	0.9736	0.9929	0.9878	0.9636
75.9	0.9476	0.9925	0.9782	0.9936	0.9781	0.9948	0.9898	0.9690
76.0	0.9351	0.9895	0.9716	0.9897	0.9729	0.9904	0.9854	0.9617
76.1	0.9472	0.9905	0.9750	0.9922	0.9802	0.9931	0.9851	0.9617
76.2	0.9651	0.9933	0.9757	0.9934	0.9842	0.9952	0.9895	0.9678
76.3	0.9549	0.9916	0.9682	0.9928	0.9822	0.9924	0.9867	0.9608
76.4	0.9700	0.9947	0.9769	0.9957	0.9875	0.9953	0.9916	0.9731
76.5	0.9823	0.9968	0.9817	0.9966	0.9905	0.9966	0.9948	0.9812
76.6	0.9799	0.9970	0.9842	0.9969	0.9915	0.9952	0.9935	0.9787
76.7	0.9788	0.9960	0.9757	0.9958	0.9890	0.9947	0.9926	0.9726

76.8	0.9785	0.9964	0.9656	0.9952	0.9880	0.9935	0.9943	0.9767
76.9	0.9853	0.9971	0.9675	0.9951	0.9897	0.9929	0.9945	0.9771
77.0	0.9771	0.9960	0.9682	0.9936	0.9868	0.9902	0.9906	0.9689
77.1	0.9803	0.9966	0.9774	0.9946	0.9890	0.9907	0.9926	0.9733
77.2	0.9843	0.9977	0.9821	0.9960	0.9923	0.9907	0.9938	0.9806
77.3	0.9837	0.9979	0.9799	0.9957	0.9932	0.9904	0.9951	0.9852
77.4	0.9837	0.9977	0.9763	0.9945	0.9919	0.9841	0.9927	0.9750
77.5	0.9853	0.9975	0.9755	0.9943	0.9921	0.9847	0.9932	0.9758
77.6	0.9901	0.9982	0.9765	0.9962	0.9932	0.9920	0.9961	0.9840
77.7	0.9879	0.9981	0.9759	0.9961	0.9926	0.9909	0.9946	0.9784
77.8	0.9852	0.9976	0.9716	0.9963	0.9912	0.9893	0.9925	0.9690
77.9	0.9864	0.9984	0.9749	0.9958	0.9926	0.9907	0.9948	0.9791
78.0	0.9847	0.9982	0.9713	0.9933	0.9927	0.9866	0.9943	0.9782
78.1	0.9848	0.9981	0.9611	0.9935	0.9925	0.9861	0.9922	0.9730
78.2	0.9802	0.9968	0.9721	0.9904	0.9925	0.9801	0.9902	0.9690
78.3	0.9802	0.9969	0.9708	0.9902	0.9906	0.9802	0.9908	0.9731
78.4	0.9778	0.9977	0.9724	0.9918	0.9925	0.9846	0.9911	0.9763
78.5	0.9762	0.9975	0.9686	0.9899	0.9918	0.9831	0.9902	0.9691
78.6	0.9750	0.9974	0.9700	0.9869	0.9910	0.9799	0.9914	0.9700
78.7	0.9761	0.9975	0.9771	0.9852	0.9920	0.9826	0.9910	0.9754
78.8	0.9767	0.9975	0.9759	0.9840	0.9924	0.9803	0.9894	0.9767
78.9	0.9838	0.9974	0.9665	0.9834	0.9930	0.9811	0.9901	0.9797
79.0	0.9765	0.9965	0.9664	0.9747	0.9912	0.9752	0.9898	0.9749
79.1	0.9701	0.9964	0.9626	0.9719	0.9871	0.9775	0.9872	0.9644
79.2	0.9645	0.9956	0.9594	0.9630	0.9869	0.9755	0.9828	0.9652
79.3	0.9623	0.9954	0.9621	0.9481	0.9890	0.9765	0.9886	0.9779
79.4	0.9656	0.9954	0.9591	0.9377	0.9898	0.9781	0.9884	0.9775
79.5	0.9583	0.9945	0.9525	0.8883	0.9856	0.9691	0.9849	0.9711
79.6	0.9610	0.9956	0.9584	0.8754	0.9879	0.9739	0.9854	0.9699
79.7	0.9604	0.9968	0.9665	0.8465	0.9906	0.9783	0.9880	0.9777
79.8	0.9628	0.9951	0.9583	0.8293	0.9873	0.9755	0.9857	0.9744
79.9	0.9507	0.9938	0.9573	0.7925	0.9851	0.9741	0.9821	0.9690
80.0	0.9293	0.9928	0.9526	0.7942	0.9829	0.9780	0.9805	0.9723

2.2.58 Run 5 – VTC-200 – Accels 25–32

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.4824	0.5589	0.5645	0.5433	0.2363	0.3955	0.4887	0.3658
0.1	0.0392	0.1086	0.1372	0.1016	0.0671	0.0731	0.1431	0.0248
0.2	0.0007	0.0690	0.0922	0.0018	0.0118	0.0052	0.0110	0.0196
0.3	0.0145	0.0036	0.0092	0.0038	0.0244	0.0310	0.0099	0.0094
0.4	0.0169	0.0453	0.0093	0.0034	0.0057	0.0079	0.0020	0.0020
0.5	0.0364	0.0069	0.0003	0.0081	0.0198	0.0072	0.0104	0.0236
0.6	0.0187	0.0309	0.0396	0.0059	0.0139	0.0206	0.0040	0.0120
0.7	0.0174	0.0631	0.0366	0.0002	0.0031	0.0040	0.0040	0.0159
0.8	0.0058	0.0043	0.0023	0.0015	0.0104	0.0305	0.0108	0.0239
0.9	0.0089	0.0329	0.1384	0.0206	0.0165	0.0561	0.0126	0.0107
1.0	0.0333	0.0282	0.1017	0.0990	0.0031	0.0422	0.0021	0.0010
1.1	0.1353	0.0065	0.0125	0.0034	0.0208	0.0064	0.0237	0.0198
1.2	0.1858	0.0132	0.0200	0.0116	0.0151	0.0000	0.0303	0.0046
1.3	0.2324	0.0599	0.1020	0.0333	0.0209	0.0125	0.0226	0.0500
1.4	0.3687	0.0159	0.1857	0.0042	0.0101	0.0006	0.0249	0.0069
1.5	0.3996	0.0208	0.2198	0.0258	0.0071	0.0045	0.0030	0.0040
1.6	0.4455	0.0772	0.2364	0.0838	0.0112	0.0065	0.0112	0.0260
1.7	0.5986	0.2674	0.2649	0.0697	0.0594	0.0498	0.0245	0.1461
1.8	0.6134	0.4554	0.0777	0.0272	0.0503	0.1115	0.0027	0.0723
1.9	0.6468	0.6324	0.2110	0.0066	0.0024	0.0729	0.0337	0.0727
2.0	0.7156	0.8556	0.1607	0.0231	0.0654	0.1942	0.1795	0.3540
2.1	0.7432	0.7206	0.1144	0.0218	0.0663	0.2391	0.3279	0.3770
2.2	0.7397	0.7539	0.0841	0.0188	0.2471	0.2198	0.6199	0.2130
2.3	0.3768	0.5604	0.3340	0.0156	0.3331	0.3437	0.5052	0.2443
2.4	0.6605	0.3550	0.3194	0.0965	0.3566	0.1970	0.3509	0.2285
2.5	0.8864	0.6415	0.2497	0.1584	0.1173	0.2055	0.5852	0.2096
2.6	0.9022	0.7915	0.1247	0.2012	0.0408	0.1418	0.4649	0.0762
2.7	0.9291	0.8170	0.0912	0.1078	0.0595	0.1457	0.3407	0.0887
2.8	0.9282	0.6877	0.0012	0.0031	0.0369	0.0926	0.1433	0.1282
2.9	0.9092	0.6331	0.0334	0.0053	0.0131	0.0091	0.1214	0.1555
3.0	0.9222	0.5585	0.0586	0.1337	0.0171	0.0435	0.1452	0.2467
3.1	0.9009	0.3480	0.0376	0.0892	0.0234	0.0418	0.0983	0.2027
3.2	0.8826	0.3756	0.1170	0.0838	0.0311	0.0724	0.0439	0.0819
3.3	0.9016	0.5505	0.0066	0.0701	0.0010	0.1012	0.0267	0.0511
3.4	0.8827	0.5397	0.0033	0.0556	0.0241	0.0428	0.0337	0.0374
3.5	0.8467	0.3545	0.0008	0.0724	0.0019	0.0509	0.0063	0.0133
3.6	0.7854	0.1483	0.0073	0.0354	0.0297	0.0080	0.0188	0.0258
3.7	0.9359	0.1798	0.0095	0.0375	0.0616	0.0299	0.1126	0.0874
3.8	0.9887	0.6449	0.0111	0.2977	0.0156	0.3549	0.4027	0.0980
3.9	0.9957	0.8482	0.0228	0.5423	0.1294	0.4008	0.4824	0.1231
4.0	0.9968	0.9236	0.0605	0.6452	0.1076	0.2356	0.4123	0.1459
4.1	0.9959	0.8956	0.1614	0.5736	0.0967	0.2188	0.2895	0.3001
4.2	0.9929	0.8216	0.0987	0.5477	0.1019	0.2957	0.2286	0.3737
4.3	0.9922	0.7502	0.1464	0.5086	0.1103	0.3293	0.1419	0.5101
4.4	0.9905	0.6878	0.0858	0.4026	0.1159	0.5924	0.0476	0.6285
4.5	0.9902	0.6648	0.2210	0.3285	0.1881	0.6995	0.0358	0.7003
4.6	0.9902	0.6331	0.2948	0.4042	0.0653	0.6880	0.0918	0.6639
4.7	0.9877	0.4400	0.3097	0.1045	0.0069	0.6839	0.1727	0.6803
4.8	0.9834	0.4817	0.3361	0.1347	0.0810	0.6838	0.2521	0.6939
4.9	0.9730	0.5338	0.3043	0.1269	0.1564	0.5440	0.2988	0.4967
5.0	0.9895	0.7563	0.2805	0.5026	0.1212	0.3911	0.4777	0.3548
5.1	0.9943	0.8380	0.4176	0.7008	0.2475	0.6396	0.5722	0.5882
5.2	0.9890	0.8305	0.3650	0.5336	0.4471	0.6877	0.6900	0.6301
5.3	0.9891	0.7357	0.1149	0.4233	0.5202	0.3450	0.7131	0.1849
5.4	0.9583	0.4710	0.0305	0.2536	0.2759	0.2209	0.4721	0.1281
5.5	0.9387	0.2410	0.0925	0.2443	0.3976	0.2041	0.4694	0.2220
5.6	0.9740	0.0582	0.1502	0.2097	0.4958	0.2165	0.5305	0.2074
5.7	0.9857	0.1828	0.1517	0.4081	0.6744	0.4334	0.7187	0.3631
5.8	0.9951	0.6799	0.2966	0.6550	0.8013	0.6385	0.8382	0.5187
5.9	0.9967	0.8708	0.4986	0.8546	0.8465	0.7151	0.8495	0.6592
6.0	0.9962	0.9511	0.5518	0.9168	0.8826	0.7324	0.8697	0.6910
6.1	0.9975	0.9747	0.6264	0.9583	0.9453	0.8277	0.9439	0.8194
6.2	0.9969	0.9748	0.7463	0.9635	0.9642	0.8814	0.9643	0.8836
6.3	0.9964	0.9818	0.6981	0.9748	0.9779	0.8486	0.9806	0.8937
6.4	0.9961	0.9853	0.6637	0.9766	0.9712	0.9000	0.9640	0.9335
6.5	0.9960	0.9850	0.5182	0.9687	0.9777	0.8716	0.9676	0.9263
6.6	0.9949	0.9793	0.4559	0.9586	0.9874	0.7817	0.9868	0.9188
6.7	0.9909	0.9722	0.4484	0.9580	0.9776	0.6275	0.9738	0.9130
6.8	0.9859	0.9664	0.3499	0.9565	0.9778	0.3804	0.9797	0.9029
6.9	0.9791	0.9573	0.3048	0.9494	0.9751	0.4970	0.9785	0.8681
7.0	0.9688	0.9450	0.5154	0.9285	0.9527	0.6878	0.9559	0.8708
7.1	0.9107	0.8762	0.4661	0.8929	0.8608	0.4622	0.8441	0.6977
7.2	0.9104	0.9064	0.3836	0.9092	0.8655	0.5114	0.8243	0.6909
7.3	0.9350	0.9444	0.0949	0.8830	0.9221	0.5853	0.8034	0.6888
7.4	0.9258	0.9460	0.5567	0.9478	0.9649	0.5838	0.7649	0.6173
7.5	0.9060	0.9597	0.6743	0.9774	0.9613	0.6846	0.8464	0.6318
7.6	0.8756	0.9758	0.6918	0.9881	0.9609	0.5991	0.9649	0.4242
7.7	0.9013	0.9932	0.7900	0.9850	0.9809	0.7180	0.9829	0.4842
7.8	0.9323	0.9953	0.7232	0.9743	0.9820	0.8138	0.9811	0.4080
7.9	0.9551	0.9908	0.6807	0.9785	0.9798	0.7283	0.9808	0.0715

8.0	0.9729	0.9928	0.6579	0.9879	0.9822	0.3310	0.9866	0.0975
8.1	0.9820	0.9959	0.7683	0.9892	0.9834	0.6091	0.9868	0.3131
8.2	0.9909	0.9958	0.8087	0.9927	0.9872	0.9225	0.9889	0.1455
8.3	0.9894	0.9959	0.6939	0.9923	0.9862	0.9147	0.9876	0.1254
8.4	0.9934	0.9968	0.6282	0.9947	0.9901	0.9385	0.9890	0.5798
8.5	0.9868	0.9951	0.6474	0.9893	0.9868	0.9023	0.9852	0.6474
8.6	0.9903	0.9952	0.6711	0.9914	0.9898	0.9031	0.9881	0.8477
8.7	0.9825	0.9908	0.5481	0.9814	0.9784	0.7313	0.9780	0.8000
8.8	0.9867	0.9921	0.5879	0.9852	0.9793	0.4763	0.9805	0.7485
8.9	0.9834	0.9879	0.6737	0.9837	0.9862	0.6652	0.9748	0.3422
9.0	0.9695	0.9751	0.2381	0.9654	0.9759	0.5922	0.9471	0.5218
9.1	0.9749	0.9789	0.1476	0.9717	0.9772	0.2515	0.9571	0.7198
9.2	0.9260	0.9388	0.4415	0.9252	0.9384	0.3794	0.9457	0.8885
9.3	0.9271	0.9276	0.5412	0.9235	0.9170	0.7581	0.9211	0.9184
9.4	0.9496	0.9391	0.6219	0.9485	0.9353	0.8104	0.9388	0.8714
9.5	0.9655	0.9542	0.6858	0.9645	0.9464	0.8198	0.9434	0.7449
9.6	0.9778	0.9663	0.7142	0.9775	0.9556	0.8073	0.9582	0.7123
9.7	0.9755	0.9540	0.6994	0.9763	0.9325	0.5511	0.9360	0.4727
9.8	0.9903	0.9795	0.7247	0.9901	0.9035	0.0894	0.9502	0.2085
9.9	0.9942	0.9818	0.6334	0.9943	0.9188	0.1034	0.9477	0.3586
10.0	0.9950	0.9789	0.4042	0.9945	0.9612	0.4549	0.9441	0.7230
10.1	0.9941	0.9771	0.5605	0.9945	0.9525	0.7218	0.9532	0.8460
10.2	0.9970	0.9867	0.7635	0.9959	0.9557	0.8809	0.9459	0.9132
10.3	0.9983	0.9837	0.7145	0.9974	0.9510	0.8955	0.9502	0.8701
10.4	0.9993	0.9844	0.6631	0.9973	0.9476	0.8608	0.9522	0.6454
10.5	0.9992	0.9858	0.7648	0.9971	0.9555	0.8691	0.9593	0.3918
10.6	0.9992	0.9885	0.8383	0.9978	0.9740	0.8885	0.9781	0.4927
10.7	0.9973	0.9795	0.8447	0.9964	0.9692	0.8818	0.9791	0.5003
10.8	0.9985	0.9815	0.7710	0.9974	0.9766	0.9103	0.9794	0.4327
10.9	0.9984	0.9746	0.8172	0.9979	0.9781	0.8980	0.9793	0.4695
11.0	0.9987	0.9622	0.7885	0.9978	0.9746	0.8697	0.9778	0.4969
11.1	0.9983	0.9533	0.7647	0.9970	0.9633	0.8630	0.9679	0.3102
11.2	0.9990	0.9533	0.8433	0.9972	0.9637	0.8976	0.9767	0.3852
11.3	0.9992	0.9529	0.8662	0.9974	0.9678	0.9016	0.9775	0.5212
11.4	0.9987	0.9240	0.8609	0.9967	0.9638	0.8780	0.9784	0.5776
11.5	0.9992	0.9277	0.8629	0.9971	0.9700	0.8696	0.9832	0.6634
11.6	0.9987	0.8883	0.8674	0.9966	0.9590	0.8289	0.9793	0.5515
11.7	0.9987	0.8547	0.8824	0.9968	0.9714	0.8515	0.9817	0.4087
11.8	0.9987	0.8253	0.8226	0.9965	0.9728	0.8374	0.9831	0.4982
11.9	0.9982	0.8763	0.8363	0.9973	0.9652	0.8406	0.9804	0.6371
12.0	0.9980	0.9119	0.8307	0.9961	0.9609	0.7925	0.9808	0.6125
12.1	0.9970	0.9199	0.8043	0.9946	0.9660	0.7957	0.9804	0.6749
12.2	0.9982	0.9578	0.8751	0.9959	0.9767	0.8618	0.9870	0.7648
12.3	0.9982	0.9743	0.8729	0.9965	0.9829	0.8837	0.9878	0.8000
12.4	0.9980	0.9774	0.8274	0.9961	0.9821	0.9317	0.9849	0.8674
12.5	0.9981	0.9811	0.6914	0.9956	0.9786	0.9435	0.9823	0.8558
12.6	0.9986	0.9830	0.3658	0.9945	0.9750	0.9589	0.9792	0.8734
12.7	0.9993	0.9837	0.3496	0.9951	0.9789	0.9662	0.9836	0.9386
12.8	0.9993	0.9844	0.7428	0.9963	0.9736	0.9721	0.9814	0.9338
12.9	0.9988	0.9869	0.8231	0.9962	0.9647	0.9706	0.9749	0.9179
13.0	0.9981	0.9848	0.8596	0.9961	0.9526	0.9636	0.9614	0.9190
13.1	0.9976	0.9871	0.8798	0.9949	0.9522	0.9597	0.9685	0.9280
13.2	0.9977	0.9824	0.9245	0.9943	0.9525	0.9732	0.9665	0.9541
13.3	0.9965	0.9795	0.9174	0.9933	0.9477	0.9692	0.9499	0.9392
13.4	0.9940	0.9811	0.9202	0.9929	0.9265	0.9479	0.9386	0.8983
13.5	0.9906	0.9781	0.8958	0.9905	0.9422	0.9044	0.9277	0.8792
13.6	0.9882	0.9671	0.8974	0.9846	0.9597	0.9165	0.9343	0.9064
13.7	0.9878	0.9741	0.9105	0.9856	0.9702	0.8973	0.9454	0.9118
13.8	0.9887	0.9736	0.9258	0.9858	0.9751	0.8583	0.9140	0.9026
13.9	0.9928	0.9768	0.9424	0.9850	0.9740	0.8296	0.8911	0.9166
14.0	0.9942	0.9812	0.9562	0.9856	0.9754	0.6953	0.9151	0.9028
14.1	0.9925	0.9815	0.9509	0.9853	0.9751	0.4517	0.9335	0.9009
14.2	0.9869	0.9637	0.9470	0.9693	0.9632	0.3437	0.9286	0.8923
14.3	0.9693	0.9509	0.9154	0.9544	0.9532	0.4606	0.9308	0.8849
14.4	0.9397	0.9460	0.9153	0.9340	0.9310	0.2425	0.9309	0.8680
14.5	0.8656	0.9383	0.8513	0.9010	0.9096	0.0140	0.9123	0.7780
14.6	0.7191	0.9416	0.8272	0.8498	0.8507	0.2064	0.8553	0.6511
14.7	0.5554	0.9638	0.8062	0.8284	0.8362	0.5255	0.8381	0.6084
14.8	0.8072	0.9626	0.6881	0.6530	0.7463	0.5653	0.7270	0.7146
14.9	0.9364	0.9679	0.7306	0.2975	0.6761	0.6805	0.5755	0.8494
15.0	0.9771	0.9759	0.8059	0.5278	0.6956	0.7751	0.5067	0.9029
15.1	0.9769	0.9746	0.6458	0.6718	0.6549	0.7659	0.3212	0.9124
15.2	0.9819	0.9626	0.5227	0.8558	0.6674	0.7830	0.1135	0.9116
15.3	0.9806	0.9363	0.3406	0.8778	0.6098	0.6902	0.0002	0.8637
15.4	0.9876	0.9305	0.2747	0.9129	0.5264	0.7394	0.0725	0.8055
15.5	0.9892	0.9131	0.2150	0.9344	0.4175	0.7593	0.1437	0.8380
15.6	0.9904	0.9056	0.1273	0.9435	0.4672	0.6702	0.2481	0.7793
15.7	0.9880	0.9050	0.2094	0.9634	0.4890	0.5951	0.3856	0.7121
15.8	0.9864	0.8647	0.2655	0.9658	0.4457	0.5191	0.5226	0.6080
15.9	0.9907	0.8933	0.4562	0.9750	0.6925	0.5352	0.7280	0.4868
16.0	0.9923	0.9136	0.4732	0.9839	0.8296	0.6417	0.8535	0.4803
16.1	0.9926	0.9542	0.4219	0.9876	0.8826	0.5548	0.8515	0.2287
16.2	0.9941	0.9635	0.5101	0.9840	0.9063	0.3235	0.8884	0.1355
16.3	0.9932	0.9550	0.3891	0.9808	0.9013	0.1610	0.9149	0.3038
16.4	0.9925	0.9600	0.4809	0.9760	0.8342	0.0200	0.8753	0.5155
16.5	0.9893	0.9524	0.5315	0.9708	0.7555	0.2243	0.8462	0.6678

16.6	0.9911	0.9527	0.6460	0.9798	0.8549	0.5627	0.8916	0.7959
16.7	0.9922	0.9507	0.6841	0.9830	0.9025	0.8401	0.8970	0.9137
16.8	0.9905	0.9509	0.6917	0.9792	0.8528	0.7801	0.8875	0.8527
16.9	0.9916	0.9061	0.7272	0.9730	0.7187	0.6530	0.8445	0.8440
17.0	0.9893	0.9310	0.7739	0.9819	0.5631	0.7504	0.7355	0.8820
17.1	0.9876	0.9423	0.7041	0.9809	0.7327	0.7061	0.6968	0.7419
17.2	0.9916	0.9394	0.6824	0.9811	0.8106	0.7394	0.7156	0.6107
17.3	0.9938	0.9455	0.6882	0.9856	0.8330	0.6768	0.6155	0.3692
17.4	0.9939	0.9642	0.6786	0.9907	0.9049	0.5870	0.8582	0.2669
17.5	0.9940	0.9790	0.7425	0.9936	0.9196	0.7896	0.9219	0.7452
17.6	0.9931	0.9768	0.6679	0.9919	0.9472	0.8857	0.9331	0.8107
17.7	0.9922	0.9733	0.6518	0.9901	0.9514	0.8942	0.9272	0.7652
17.8	0.9906	0.9742	0.5051	0.9869	0.9385	0.8381	0.9033	0.7191
17.9	0.9889	0.9751	0.4373	0.9886	0.9341	0.8165	0.9092	0.7842
18.0	0.9874	0.9788	0.3645	0.9888	0.9416	0.8416	0.9289	0.8179
18.1	0.9932	0.9897	0.3878	0.9896	0.9372	0.8440	0.9339	0.8198
18.2	0.9924	0.9863	0.2308	0.9889	0.9412	0.8930	0.9381	0.8571
18.3	0.9931	0.9875	0.0165	0.9871	0.9615	0.9247	0.9494	0.8831
18.4	0.9835	0.9858	0.1059	0.9842	0.9629	0.9321	0.9443	0.7989
18.5	0.8297	0.9277	0.1096	0.8986	0.8518	0.7763	0.9233	0.6486
18.6	0.8614	0.8998	0.1904	0.8621	0.5719	0.2582	0.9293	0.7675
18.7	0.9537	0.9590	0.0354	0.9441	0.6650	0.3475	0.9208	0.8210
18.8	0.9863	0.9835	0.1490	0.9787	0.8958	0.8085	0.9232	0.8572
18.9	0.9937	0.9929	0.4710	0.9915	0.9328	0.8771	0.9090	0.8317
19.0	0.9943	0.9957	0.6870	0.9932	0.9484	0.9192	0.8939	0.8238
19.1	0.9955	0.9956	0.7888	0.9930	0.9517	0.9302	0.8893	0.7705
19.2	0.9959	0.9941	0.8329	0.9921	0.9507	0.9282	0.8855	0.6527
19.3	0.9969	0.9943	0.8515	0.9928	0.9544	0.9301	0.9043	0.6005
19.4	0.9958	0.9927	0.8928	0.9912	0.9538	0.9254	0.9109	0.6303
19.5	0.9951	0.9920	0.9369	0.9902	0.9623	0.9496	0.9230	0.7718
19.6	0.9979	0.9958	0.9397	0.9943	0.9697	0.9523	0.9390	0.8198
19.7	0.9980	0.9944	0.9215	0.9927	0.9655	0.9453	0.9254	0.7687
19.8	0.9984	0.9950	0.9330	0.9930	0.9741	0.9580	0.9664	0.7731
19.9	0.9977	0.9934	0.8975	0.9884	0.9742	0.9577	0.9618	0.7377
20.0	0.9981	0.9949	0.8309	0.9915	0.9748	0.9543	0.9713	0.7022
20.1	0.9986	0.9968	0.8661	0.9951	0.9821	0.9685	0.9808	0.7400
20.2	0.9984	0.9968	0.8640	0.9951	0.9866	0.9722	0.9774	0.6304
20.3	0.9984	0.9970	0.7551	0.9934	0.9844	0.9670	0.9761	0.6108
20.4	0.9981	0.9966	0.7302	0.9926	0.9824	0.9717	0.9664	0.7309
20.5	0.9974	0.9940	0.6536	0.9887	0.9808	0.9636	0.9618	0.7058
20.6	0.9969	0.9944	0.5498	0.9878	0.9785	0.9515	0.9537	0.7603
20.7	0.9976	0.9953	0.6217	0.9901	0.9806	0.9466	0.9613	0.8603
20.8	0.9974	0.9942	0.5246	0.9883	0.9786	0.9620	0.9620	0.8739
20.9	0.9964	0.9943	0.4475	0.9863	0.9721	0.9586	0.9564	0.8288
21.0	0.9964	0.9947	0.4189	0.9745	0.9709	0.9581	0.9491	0.8044
21.1	0.9959	0.9934	0.3697	0.9765	0.9667	0.9688	0.9558	0.8564
21.2	0.9951	0.9947	0.2519	0.9746	0.9636	0.9758	0.9674	0.8727
21.3	0.9942	0.9940	0.1288	0.9784	0.9434	0.9764	0.9692	0.8980
21.4	0.9934	0.9921	0.1603	0.9742	0.9303	0.9696	0.9538	0.8797
21.5	0.9953	0.9940	0.1352	0.9702	0.8775	0.9604	0.9335	0.8416
21.6	0.9962	0.9962	0.0602	0.9523	0.8109	0.9582	0.9299	0.8125
21.7	0.9946	0.9935	0.0519	0.9298	0.6908	0.9238	0.9043	0.6996
21.8	0.9957	0.9924	0.1244	0.9302	0.5449	0.8135	0.8661	0.5096
21.9	0.9965	0.9909	0.0019	0.9039	0.1912	0.6267	0.8107	0.2714
22.0	0.9975	0.9920	0.0032	0.9408	0.1136	0.6834	0.8074	0.3354
22.1	0.9973	0.9940	0.0150	0.9306	0.0042	0.7632	0.8128	0.4847
22.2	0.9977	0.9951	0.1850	0.9356	0.3915	0.8562	0.8145	0.6413
22.3	0.9973	0.9935	0.3797	0.9481	0.7917	0.8708	0.7941	0.6703
22.4	0.9977	0.9933	0.3238	0.9665	0.8678	0.9181	0.8344	0.7848
22.5	0.9971	0.9928	0.2794	0.9448	0.8961	0.9079	0.7780	0.7812
22.6	0.9979	0.9922	0.3982	0.9426	0.9048	0.9010	0.7549	0.8104
22.7	0.9982	0.9890	0.5185	0.9495	0.9138	0.8236	0.6556	0.6641
22.8	0.9983	0.9874	0.5025	0.9535	0.9173	0.7786	0.7143	0.4943
22.9	0.9976	0.9896	0.5150	0.9584	0.9464	0.7841	0.7916	0.6156
23.0	0.9974	0.9928	0.6219	0.9631	0.9580	0.7900	0.8142	0.7669
23.1	0.9973	0.9928	0.6179	0.9547	0.9576	0.7163	0.7931	0.7616
23.2	0.9982	0.9957	0.6355	0.9729	0.9506	0.7718	0.7928	0.8378
23.3	0.9988	0.9949	0.7519	0.9827	0.9591	0.7518	0.8096	0.8828
23.4	0.9987	0.9937	0.8085	0.9777	0.9563	0.6831	0.8052	0.8917
23.5	0.9988	0.9921	0.8489	0.9748	0.9525	0.7504	0.8460	0.8885
23.6	0.9988	0.9931	0.8710	0.9798	0.9569	0.6634	0.8535	0.8750
23.7	0.9984	0.9894	0.8065	0.9719	0.9335	0.5991	0.8490	0.7901
23.8	0.9989	0.9890	0.8253	0.9775	0.9135	0.6769	0.8722	0.7358
23.9	0.9990	0.9907	0.8769	0.9820	0.9210	0.8124	0.9158	0.6930
24.0	0.9986	0.9908	0.8583	0.9744	0.9092	0.8393	0.9163	0.4655
24.1	0.9985	0.9910	0.8261	0.9745	0.8890	0.8528	0.9090	0.1958
24.2	0.9985	0.9924	0.8375	0.9804	0.8021	0.9144	0.9259	0.2589
24.3	0.9980	0.9898	0.8406	0.9626	0.6692	0.9243	0.9131	0.5817
24.4	0.9979	0.9910	0.8412	0.9495	0.7472	0.9434	0.8846	0.7906
24.5	0.9983	0.9913	0.8678	0.9571	0.8002	0.9259	0.8321	0.7744
24.6	0.9981	0.9930	0.8413	0.9731	0.8470	0.8992	0.7077	0.7947
24.7	0.9987	0.9948	0.8565	0.9813	0.8590	0.8941	0.6798	0.7582
24.8	0.9987	0.9954	0.8550	0.9854	0.8878	0.9226	0.7497	0.7545
24.9	0.9986	0.9940	0.8551	0.9852	0.9352	0.9248	0.8133	0.7217
25.0	0.9974	0.9913	0.8245	0.9824	0.9262	0.9231	0.7915	0.6625
25.1	0.9967	0.9901	0.8367	0.9829	0.9457	0.9442	0.8275	0.6190

25.2	0.9960	0.9917	0.8652	0.9846	0.9387	0.9466	0.8700	0.6351
25.3	0.9928	0.9909	0.8838	0.9846	0.8859	0.9473	0.8900	0.6385
25.4	0.9914	0.9896	0.8742	0.9782	0.7921	0.9492	0.8950	0.3110
25.5	0.9927	0.9949	0.9061	0.9783	0.7397	0.9551	0.9050	0.2241
25.6	0.9918	0.9953	0.9265	0.9772	0.4874	0.9689	0.9067	0.3332
25.7	0.9935	0.9963	0.9333	0.9811	0.1023	0.9624	0.9322	0.5812
25.8	0.9973	0.9963	0.9364	0.9847	0.3918	0.9566	0.8543	0.7300
25.9	0.9973	0.9960	0.9511	0.9867	0.8037	0.9655	0.7748	0.8204
26.0	0.9972	0.9966	0.9449	0.9879	0.8644	0.9792	0.6573	0.8691
26.1	0.9979	0.9978	0.9441	0.9923	0.8811	0.9832	0.8205	0.9199
26.2	0.9982	0.9979	0.9489	0.9907	0.8152	0.9806	0.8471	0.9128
26.3	0.9981	0.9973	0.9582	0.9892	0.7805	0.9706	0.8791	0.9255
26.4	0.9987	0.9974	0.9518	0.9923	0.7948	0.9757	0.8999	0.9376
26.5	0.9982	0.9969	0.9216	0.9884	0.5583	0.9643	0.8786	0.9433
26.6	0.9984	0.9974	0.8891	0.9898	0.3967	0.9499	0.8786	0.9420
26.7	0.9990	0.9984	0.8536	0.9892	0.0259	0.9551	0.8685	0.9349
26.8	0.9987	0.9975	0.6210	0.9790	0.3231	0.9447	0.8165	0.8921
26.9	0.9984	0.9965	0.4492	0.9856	0.6048	0.9464	0.8350	0.9081
27.0	0.9988	0.9968	0.6243	0.9909	0.8170	0.9566	0.9130	0.9513
27.1	0.9990	0.9974	0.8179	0.9935	0.8882	0.9637	0.9194	0.9639
27.2	0.9987	0.9975	0.8443	0.9919	0.9116	0.9516	0.9082	0.9693
27.3	0.9987	0.9975	0.8446	0.9921	0.9239	0.9281	0.9179	0.9728
27.4	0.9989	0.9969	0.8492	0.9917	0.8989	0.9010	0.8708	0.9627
27.5	0.9994	0.9980	0.9026	0.9953	0.9149	0.9353	0.8910	0.9737
27.6	0.9989	0.9977	0.8996	0.9933	0.9425	0.9060	0.9136	0.9731
27.7	0.9985	0.9970	0.8962	0.9919	0.9468	0.8946	0.9158	0.9728
27.8	0.9985	0.9975	0.9293	0.9945	0.9618	0.9075	0.9406	0.9775
27.9	0.9984	0.9969	0.9429	0.9933	0.9690	0.8892	0.9458	0.9789
28.0	0.9975	0.9940	0.9295	0.9896	0.9559	0.7832	0.9255	0.9735
28.1	0.9945	0.9915	0.9227	0.9883	0.9608	0.6767	0.9207	0.9700
28.2	0.9936	0.9896	0.9274	0.9832	0.9412	0.4450	0.9186	0.9689
28.3	0.9967	0.9938	0.9451	0.9879	0.9593	0.3802	0.9144	0.9758
28.4	0.9985	0.9972	0.9442	0.9934	0.9693	0.3349	0.9171	0.9774
28.5	0.9993	0.9979	0.9404	0.9934	0.9730	0.3413	0.9212	0.9835
28.6	0.9993	0.9970	0.9428	0.9909	0.9627	0.2089	0.8455	0.9646
28.7	0.9990	0.9961	0.9244	0.9876	0.9018	0.2915	0.6989	0.8953
28.8	0.9987	0.9960	0.9119	0.9911	0.9625	0.4702	0.8819	0.9606
28.9	0.9989	0.9960	0.8803	0.9933	0.9806	0.5518	0.9370	0.9796
29.0	0.9984	0.9946	0.8520	0.9916	0.9694	0.6239	0.9157	0.9770
29.1	0.9985	0.9954	0.8796	0.9928	0.9731	0.7415	0.9186	0.9831
29.2	0.9986	0.9960	0.8367	0.9947	0.9873	0.7446	0.9456	0.9870
29.3	0.9985	0.9956	0.7504	0.9953	0.9848	0.8163	0.9432	0.9851
29.4	0.9980	0.9947	0.6829	0.9913	0.9762	0.8501	0.9201	0.9828
29.5	0.9973	0.9935	0.6672	0.9907	0.9748	0.8575	0.9047	0.9791
29.6	0.9977	0.9945	0.5982	0.9918	0.9843	0.9027	0.9322	0.9851
29.7	0.9979	0.9953	0.5136	0.9928	0.9897	0.9133	0.9480	0.9888
29.8	0.9967	0.9936	0.4710	0.9934	0.9727	0.9303	0.9211	0.9743
29.9	0.9858	0.9866	0.0600	0.9797	0.8312	0.8680	0.6680	0.8431
30.0	0.9942	0.9922	0.1124	0.9892	0.9282	0.9291	0.8399	0.9233
30.1	0.9983	0.9935	0.3719	0.9951	0.9870	0.9428	0.9668	0.9843
30.2	0.9982	0.9947	0.3801	0.9949	0.9846	0.9464	0.9666	0.9835
30.3	0.9979	0.9939	0.4890	0.9938	0.9894	0.9652	0.9689	0.9824
30.4	0.9978	0.9933	0.3917	0.9946	0.9904	0.9715	0.9723	0.9850
30.5	0.9981	0.9940	0.3518	0.9951	0.9867	0.9722	0.9736	0.9843
30.6	0.9985	0.9947	0.4610	0.9950	0.9842	0.9730	0.9621	0.9814
30.7	0.9975	0.9912	0.5530	0.9945	0.9835	0.9748	0.9485	0.9802
30.8	0.9969	0.9914	0.6725	0.9936	0.9771	0.9795	0.9317	0.9747
30.9	0.9973	0.9936	0.7755	0.9956	0.9741	0.9848	0.9120	0.9734
31.0	0.9981	0.9940	0.7938	0.9965	0.9728	0.9837	0.9236	0.9618
31.1	0.9967	0.9921	0.8079	0.9932	0.9632	0.9795	0.8397	0.9366
31.2	0.9968	0.9910	0.8591	0.9934	0.9628	0.9897	0.8853	0.9605
31.3	0.9978	0.9928	0.8838	0.9936	0.9733	0.9919	0.9469	0.9717
31.4	0.9979	0.9920	0.8188	0.9923	0.9614	0.9860	0.9391	0.9640
31.5	0.9982	0.9916	0.8354	0.9924	0.9600	0.9868	0.9462	0.9504
31.6	0.9984	0.9928	0.8262	0.9941	0.9445	0.9847	0.9475	0.9187
31.7	0.9982	0.9912	0.8421	0.9932	0.9326	0.9761	0.9428	0.8771
31.8	0.9955	0.9877	0.7729	0.9859	0.8843	0.9665	0.9272	0.7410
31.9	0.9972	0.9929	0.8624	0.9912	0.9100	0.9886	0.9687	0.8797
32.0	0.9976	0.9938	0.8761	0.9923	0.9136	0.9883	0.9742	0.9207
32.1	0.9961	0.9927	0.8663	0.9917	0.8617	0.9810	0.9665	0.9227
32.2	0.9964	0.9928	0.8433	0.9911	0.8003	0.9765	0.9634	0.9096
32.3	0.9957	0.9934	0.8456	0.9910	0.7829	0.9754	0.9578	0.9294
32.4	0.9933	0.9900	0.8485	0.9856	0.7239	0.9798	0.9464	0.9340
32.5	0.9946	0.9942	0.8833	0.9892	0.7820	0.9823	0.9528	0.9546
32.6	0.9975	0.9955	0.9087	0.9922	0.8732	0.9881	0.9738	0.9726
32.7	0.9964	0.9946	0.9050	0.9904	0.8769	0.9825	0.9693	0.9649
32.8	0.9949	0.9952	0.8825	0.9870	0.8876	0.9837	0.9707	0.9622
32.9	0.9943	0.9956	0.8687	0.9867	0.9037	0.9888	0.9800	0.9674
33.0	0.9944	0.9959	0.8372	0.9884	0.9244	0.9863	0.9779	0.9550
33.1	0.9932	0.9966	0.8285	0.9888	0.9267	0.9822	0.9777	0.9551
33.2	0.9902	0.9955	0.7110	0.9859	0.8813	0.9779	0.9662	0.9261
33.3	0.9854	0.9937	0.4934	0.9781	0.8532	0.9718	0.9519	0.8732
33.4	0.9904	0.9948	0.5716	0.9833	0.8722	0.9845	0.9462	0.8936
33.5	0.9900	0.9938	0.6290	0.9826	0.8189	0.9859	0.9112	0.9032
33.6	0.9935	0.9964	0.7978	0.9876	0.7613	0.9883	0.9252	0.9480
33.7	0.9911	0.9960	0.8029	0.9862	0.7300	0.9879	0.9056	0.9523

33.8	0.9930	0.9963	0.7091	0.9830	0.5694	0.9845	0.8385	0.9444
33.9	0.9934	0.9956	0.7052	0.9811	0.4079	0.9849	0.8577	0.9449
34.0	0.9918	0.9950	0.8043	0.9883	0.6964	0.9910	0.8820	0.9668
34.1	0.9916	0.9947	0.8208	0.9905	0.8625	0.9916	0.8954	0.9763
34.2	0.9923	0.9953	0.8549	0.9925	0.8845	0.9909	0.9193	0.9787
34.3	0.9919	0.9941	0.8861	0.9874	0.9156	0.9914	0.9388	0.9822
34.4	0.9882	0.9925	0.8952	0.9842	0.9009	0.9922	0.9614	0.9768
34.5	0.9899	0.9936	0.9040	0.9853	0.8727	0.9917	0.9563	0.9743
34.6	0.9901	0.9915	0.8877	0.9837	0.8928	0.9914	0.9455	0.9749
34.7	0.9903	0.9915	0.8948	0.9842	0.8915	0.9901	0.9522	0.9744
34.8	0.9930	0.9929	0.9270	0.9884	0.9170	0.9931	0.9517	0.9814
34.9	0.9925	0.9916	0.9255	0.9866	0.9372	0.9917	0.9393	0.9803
35.0	0.9930	0.9924	0.9370	0.9863	0.9375	0.9930	0.9173	0.9821
35.1	0.9917	0.9907	0.9258	0.9822	0.9272	0.9929	0.8697	0.9853
35.2	0.9905	0.9899	0.9211	0.9818	0.9331	0.9916	0.8302	0.9829
35.3	0.9875	0.9812	0.9118	0.9622	0.9258	0.9856	0.6453	0.9742
35.4	0.9933	0.9907	0.9579	0.9733	0.9567	0.9909	0.7227	0.9824
35.5	0.9956	0.9937	0.9569	0.9814	0.9667	0.9915	0.6947	0.9887
35.6	0.9945	0.9905	0.9432	0.9714	0.9577	0.9900	0.7834	0.9854
35.7	0.9942	0.9924	0.9450	0.9745	0.9643	0.9934	0.9067	0.9871
35.8	0.9917	0.9908	0.9430	0.9650	0.9577	0.9934	0.9156	0.9863
35.9	0.9916	0.9899	0.9414	0.9648	0.9635	0.9941	0.9435	0.9876
36.0	0.9922	0.9900	0.9442	0.9699	0.9655	0.9931	0.9512	0.9852
36.1	0.9905	0.9864	0.9327	0.9537	0.9642	0.9911	0.9574	0.9838
36.2	0.9859	0.9855	0.9320	0.9537	0.9682	0.9912	0.9596	0.9854
36.3	0.9904	0.9905	0.9418	0.9689	0.9665	0.9903	0.9569	0.9820
36.4	0.9918	0.9864	0.9377	0.9612	0.9638	0.9850	0.9571	0.9822
36.5	0.9923	0.9847	0.9629	0.9629	0.9758	0.9902	0.9762	0.9876
36.6	0.9911	0.9858	0.9553	0.9649	0.9829	0.9922	0.9816	0.9904
36.7	0.9921	0.9860	0.9475	0.9731	0.9770	0.9905	0.9785	0.9876
36.8	0.9929	0.9868	0.9546	0.9793	0.9810	0.9906	0.9808	0.9888
36.9	0.9915	0.9804	0.9524	0.9780	0.9786	0.9876	0.9837	0.9897
37.0	0.9931	0.9842	0.9643	0.9855	0.9833	0.9899	0.9897	0.9908
37.1	0.9932	0.9828	0.9627	0.9838	0.9788	0.9902	0.9862	0.9877
37.2	0.9925	0.9835	0.9579	0.9846	0.9796	0.9913	0.9892	0.9887
37.3	0.9927	0.9830	0.9620	0.9844	0.9710	0.9908	0.9887	0.9838
37.4	0.9943	0.9871	0.9683	0.9904	0.9644	0.9920	0.9873	0.9797
37.5	0.9939	0.9815	0.9727	0.9864	0.9573	0.9928	0.9904	0.9865
37.6	0.9946	0.9882	0.9707	0.9892	0.9661	0.9920	0.9876	0.9848
37.7	0.9955	0.9901	0.9699	0.9904	0.9573	0.9916	0.9901	0.9812
37.8	0.9943	0.9902	0.9713	0.9912	0.9629	0.9923	0.9910	0.9828
37.9	0.9929	0.9880	0.9643	0.9891	0.9552	0.9879	0.9890	0.9731
38.0	0.9956	0.9882	0.9708	0.9928	0.9550	0.9920	0.9914	0.9781
38.1	0.9941	0.9894	0.9678	0.9911	0.9231	0.9910	0.9899	0.9782
38.2	0.9952	0.9913	0.9743	0.9935	0.9173	0.9938	0.9927	0.9875
38.3	0.9944	0.9881	0.9753	0.9904	0.8721	0.9907	0.9906	0.9842
38.4	0.9948	0.9857	0.9797	0.9891	0.8906	0.9912	0.9886	0.9841
38.5	0.9951	0.9857	0.9804	0.9909	0.9144	0.9920	0.9875	0.9831
38.6	0.9947	0.9844	0.9825	0.9900	0.9390	0.9949	0.9923	0.9818
38.7	0.9955	0.9894	0.9840	0.9913	0.9488	0.9955	0.9940	0.9871
38.8	0.9966	0.9908	0.9851	0.9934	0.9657	0.9953	0.9951	0.9871
38.9	0.9969	0.9921	0.9876	0.9942	0.9707	0.9957	0.9927	0.9854
39.0	0.9961	0.9895	0.9840	0.9924	0.9741	0.9953	0.9873	0.9797
39.1	0.9961	0.9889	0.9836	0.9923	0.9798	0.9954	0.9795	0.9829
39.2	0.9960	0.9847	0.9852	0.9916	0.9767	0.9950	0.9797	0.9854
39.3	0.9965	0.9875	0.9851	0.9928	0.9778	0.9955	0.9837	0.9836
39.4	0.9957	0.9872	0.9796	0.9921	0.9529	0.9947	0.9614	0.9746
39.5	0.9968	0.9829	0.9841	0.9936	0.9655	0.9962	0.9645	0.9792
39.6	0.9966	0.9812	0.9756	0.9931	0.9713	0.9967	0.9679	0.9732
39.7	0.9952	0.9804	0.9708	0.9932	0.9590	0.9954	0.9559	0.9693
39.8	0.9958	0.9840	0.9746	0.9947	0.9531	0.9948	0.9505	0.9671
39.9	0.9959	0.9796	0.9757	0.9951	0.9501	0.9961	0.9510	0.9696
40.0	0.9968	0.9816	0.9780	0.9955	0.9471	0.9969	0.9651	0.9689
40.1	0.9965	0.9754	0.9812	0.9947	0.9482	0.9956	0.9671	0.9655
40.2	0.9970	0.9734	0.9793	0.9958	0.9586	0.9958	0.9749	0.9713
40.3	0.9968	0.9710	0.9817	0.9958	0.9569	0.9969	0.9736	0.9705
40.4	0.9951	0.9650	0.9716	0.9956	0.9616	0.9961	0.9743	0.9680
40.5	0.9962	0.9693	0.9812	0.9967	0.9599	0.9959	0.9718	0.9580
40.6	0.9969	0.9470	0.9841	0.9952	0.9549	0.9960	0.9659	0.9456
40.7	0.9967	0.9377	0.9829	0.9961	0.9425	0.9959	0.9548	0.9400
40.8	0.9969	0.9412	0.9852	0.9966	0.9241	0.9966	0.9659	0.9592
40.9	0.9967	0.9424	0.9896	0.9975	0.9369	0.9969	0.9705	0.9733
41.0	0.9951	0.9388	0.9861	0.9969	0.8987	0.9970	0.9442	0.9601
41.1	0.9939	0.9338	0.9857	0.9961	0.8861	0.9955	0.9251	0.9468
41.2	0.9936	0.9579	0.9875	0.9967	0.8710	0.9961	0.9256	0.9675
41.3	0.9895	0.9619	0.9889	0.9964	0.8353	0.9964	0.8945	0.9752
41.4	0.9841	0.9630	0.9899	0.9958	0.7841	0.9968	0.8493	0.9678
41.5	0.9896	0.9740	0.9857	0.9949	0.6806	0.9968	0.8084	0.9708
41.6	0.9947	0.9634	0.9792	0.9956	0.6468	0.9962	0.8660	0.9702
41.7	0.9908	0.9673	0.9822	0.9933	0.6592	0.9961	0.8648	0.9734
41.8	0.9832	0.9816	0.9639	0.9930	0.6489	0.9965	0.9169	0.9722
41.9	0.9841	0.9820	0.9586	0.9935	0.7131	0.9963	0.9285	0.9693
42.0	0.9858	0.9821	0.9825	0.9950	0.5474	0.9949	0.9478	0.9651
42.1	0.9846	0.9774	0.9878	0.9944	0.5143	0.9956	0.9426	0.9622
42.2	0.9887	0.9807	0.9878	0.9945	0.7182	0.9954	0.9689	0.9742
42.3	0.9820	0.9789	0.9833	0.9944	0.6128	0.9938	0.9734	0.9748

42.4	0.9824	0.9750	0.9905	0.9926	0.6913	0.9929	0.9691	0.9760
42.5	0.9776	0.9810	0.9867	0.9948	0.8636	0.9937	0.9772	0.9849
42.6	0.9803	0.9797	0.9856	0.9921	0.8704	0.9910	0.9766	0.9780
42.7	0.9764	0.9687	0.9775	0.9829	0.8824	0.9926	0.9736	0.9813
42.8	0.9838	0.9524	0.9852	0.9757	0.9324	0.9950	0.9815	0.9917
42.9	0.9846	0.9690	0.9929	0.9887	0.9496	0.9956	0.9920	0.9908
43.0	0.9735	0.9848	0.9909	0.9943	0.9569	0.9945	0.9881	0.9869
43.1	0.9594	0.9822	0.9909	0.9938	0.9705	0.9940	0.9869	0.9890
43.2	0.7013	0.9768	0.9764	0.9936	0.9827	0.9944	0.9876	0.9923
43.3	0.6391	0.9569	0.9489	0.9855	0.9738	0.9919	0.9832	0.9905
43.4	0.9300	0.9358	0.9675	0.9823	0.9690	0.9947	0.9820	0.9906
43.5	0.9715	0.9298	0.9883	0.9827	0.9769	0.9963	0.9873	0.9934
43.6	0.9618	0.9532	0.9805	0.9850	0.9817	0.9955	0.9909	0.9917
43.7	0.9435	0.9768	0.9807	0.9931	0.9717	0.9953	0.9906	0.9921
43.8	0.9382	0.9764	0.9747	0.9934	0.9707	0.9941	0.9876	0.9892
43.9	0.9451	0.9789	0.9156	0.9943	0.9762	0.9941	0.9857	0.9911
44.0	0.9658	0.9617	0.9139	0.9923	0.9669	0.9939	0.9823	0.9900
44.1	0.9539	0.9311	0.9585	0.9821	0.9661	0.9926	0.9643	0.9906
44.2	0.9601	0.9533	0.9402	0.9790	0.9510	0.9942	0.9453	0.9921
44.3	0.9483	0.9669	0.9192	0.9873	0.9501	0.9947	0.9766	0.9915
44.4	0.9225	0.9621	0.9314	0.9897	0.9450	0.9938	0.9853	0.9894
44.5	0.9348	0.9658	0.9565	0.9861	0.9433	0.9935	0.9923	0.9881
44.6	0.9416	0.9634	0.9469	0.9828	0.9343	0.9927	0.9836	0.9835
44.7	0.9626	0.9726	0.9426	0.9864	0.9332	0.9925	0.9849	0.9856
44.8	0.9352	0.9776	0.7644	0.9883	0.9282	0.9922	0.9870	0.9833
44.9	0.9347	0.9614	0.4660	0.9859	0.9224	0.9895	0.9838	0.9766
45.0	0.9430	0.9520	0.7323	0.9725	0.9187	0.9888	0.9795	0.9759
45.1	0.9382	0.9801	0.7818	0.9792	0.9156	0.9890	0.9819	0.9746
45.2	0.9436	0.9682	0.8440	0.9778	0.9259	0.9888	0.9728	0.9730
45.3	0.9062	0.9712	0.7758	0.9776	0.8927	0.9816	0.9819	0.9752
45.4	0.9077	0.9781	0.7920	0.9724	0.8880	0.9803	0.9778	0.9707
45.5	0.9146	0.9702	0.7177	0.9525	0.9022	0.9807	0.9658	0.9667
45.6	0.8892	0.9668	0.6912	0.9555	0.8836	0.9710	0.9549	0.9631
45.7	0.8721	0.9808	0.7889	0.9437	0.8548	0.9618	0.9677	0.9636
45.8	0.8981	0.9877	0.7950	0.9385	0.8710	0.9689	0.9626	0.9708
45.9	0.9299	0.9829	0.8321	0.9520	0.8836	0.9742	0.9655	0.9736
46.0	0.9421	0.9707	0.8780	0.9522	0.8999	0.9728	0.9726	0.9661
46.1	0.8946	0.9478	0.8421	0.9356	0.8494	0.9540	0.9565	0.9496
46.2	0.8813	0.9358	0.8428	0.9446	0.8485	0.9581	0.9480	0.9361
46.3	0.8491	0.9317	0.7612	0.9336	0.8020	0.9530	0.9104	0.9150
46.4	0.8764	0.9259	0.8122	0.9310	0.8234	0.9613	0.8914	0.8812
46.5	0.8831	0.9362	0.8812	0.9588	0.8545	0.9880	0.9058	0.8665
46.6	0.8847	0.9415	0.9031	0.9646	0.8500	0.9875	0.9317	0.8805
46.7	0.8905	0.9497	0.9268	0.9746	0.8595	0.9796	0.9506	0.9048
46.8	0.8607	0.9457	0.9208	0.9746	0.8041	0.9641	0.9526	0.9283
46.9	0.8703	0.9629	0.9299	0.9808	0.7873	0.9667	0.9637	0.9611
47.0	0.8394	0.9463	0.9137	0.9781	0.7559	0.9697	0.9636	0.9627
47.1	0.8090	0.9357	0.9279	0.9754	0.7210	0.9633	0.9631	0.9532
47.2	0.8485	0.9605	0.9530	0.9809	0.7276	0.9590	0.9725	0.9662
47.3	0.8323	0.9681	0.9319	0.9809	0.6773	0.9538	0.9729	0.9699
47.4	0.7589	0.9582	0.9092	0.9853	0.5166	0.9154	0.9681	0.9687
47.5	0.6668	0.9497	0.8696	0.9844	0.2873	0.8645	0.9702	0.9657
47.6	0.7457	0.9611	0.8846	0.9844	0.3139	0.9039	0.9849	0.9694
47.7	0.6906	0.9487	0.8751	0.9837	0.1963	0.9010	0.9814	0.9698
47.8	0.6888	0.9584	0.9080	0.9822	0.1290	0.9080	0.9858	0.9726
47.9	0.7261	0.9588	0.9311	0.9833	0.0280	0.9130	0.9897	0.9772
48.0	0.7174	0.9617	0.9372	0.9863	0.0035	0.9307	0.9916	0.9761
48.1	0.5424	0.9618	0.9349	0.9863	0.1473	0.9418	0.9884	0.9777
48.2	0.4877	0.9578	0.9509	0.9904	0.3406	0.9191	0.9923	0.9778
48.3	0.4823	0.9539	0.9230	0.9863	0.4262	0.9379	0.9896	0.9757
48.4	0.6711	0.9457	0.9438	0.9856	0.3986	0.9571	0.9870	0.9459
48.5	0.6151	0.9573	0.9493	0.9909	0.4210	0.9671	0.9937	0.9645
48.6	0.6611	0.9714	0.9584	0.9900	0.4833	0.9756	0.9941	0.9721
48.7	0.6327	0.9769	0.9656	0.9874	0.5696	0.9764	0.9938	0.9710
48.8	0.3347	0.9750	0.9602	0.9887	0.6135	0.9757	0.9938	0.9666
48.9	0.0519	0.9610	0.9512	0.9852	0.5305	0.9669	0.9938	0.9641
49.0	0.0234	0.9654	0.9635	0.9861	0.5276	0.9650	0.9942	0.9698
49.1	0.0199	0.9631	0.9713	0.9884	0.3373	0.9528	0.9944	0.9622
49.2	0.1795	0.9744	0.9708	0.9886	0.3771	0.9631	0.9933	0.9608
49.3	0.3493	0.9835	0.9639	0.9898	0.7371	0.9717	0.9931	0.9703
49.4	0.1635	0.9697	0.9039	0.9847	0.6121	0.9469	0.9921	0.9502
49.5	0.0101	0.9560	0.8716	0.9810	0.6226	0.9136	0.9904	0.9390
49.6	0.0433	0.9394	0.8197	0.9813	0.6328	0.8754	0.9922	0.9305
49.7	0.0839	0.9545	0.8620	0.9833	0.6672	0.8904	0.9945	0.9542
49.8	0.3200	0.9736	0.9284	0.9843	0.8112	0.9391	0.9941	0.9694
49.9	0.4714	0.9736	0.9330	0.9865	0.8593	0.9664	0.9902	0.9637
50.0	0.3233	0.9568	0.9419	0.9875	0.7523	0.9515	0.9924	0.9508
50.1	0.2953	0.9717	0.9456	0.9877	0.7780	0.9605	0.9937	0.9665
50.2	0.3316	0.9584	0.9080	0.9847	0.6896	0.9562	0.9936	0.9654
50.3	0.6002	0.9632	0.9189	0.9850	0.7354	0.9711	0.9946	0.9692
50.4	0.7715	0.9704	0.9258	0.9817	0.8294	0.9745	0.9926	0.9768
50.5	0.8494	0.9801	0.9658	0.9832	0.8846	0.9817	0.9940	0.9793
50.6	0.6662	0.9557	0.9640	0.9744	0.7725	0.9686	0.9905	0.9648
50.7	0.5982	0.9629	0.9580	0.9826	0.7823	0.9662	0.9899	0.9658
50.8	0.5211	0.9600	0.9607	0.9830	0.8887	0.9768	0.9931	0.9811
50.9	0.2395	0.9231	0.9303	0.9768	0.8060	0.9585	0.9916	0.9790

51.0	0.4381	0.9058	0.9204	0.9726	0.8134	0.9527	0.9891	0.9703
51.1	0.8541	0.9534	0.9753	0.9820	0.9605	0.9839	0.9921	0.9766
51.2	0.7135	0.9429	0.9429	0.9870	0.9434	0.9808	0.9904	0.9773
51.3	0.7038	0.9430	0.9417	0.9844	0.9300	0.9846	0.9887	0.9808
51.4	0.6890	0.9397	0.9352	0.9820	0.9120	0.9817	0.9863	0.9775
51.5	0.8552	0.9454	0.9632	0.9746	0.9442	0.9828	0.9849	0.9714
51.6	0.8739	0.9333	0.9822	0.9765	0.9555	0.9823	0.9869	0.9758
51.7	0.8909	0.9517	0.9830	0.9830	0.9633	0.9824	0.9864	0.9810
51.8	0.9199	0.9538	0.9763	0.9762	0.9647	0.9849	0.9838	0.9783
51.9	0.9107	0.9384	0.9810	0.9761	0.9647	0.9896	0.9847	0.9836
52.0	0.7981	0.9318	0.9782	0.9751	0.9609	0.9870	0.9787	0.9837
52.1	0.8312	0.9502	0.9782	0.9868	0.9803	0.9884	0.9881	0.9899
52.2	0.7130	0.9464	0.9609	0.9829	0.9695	0.9865	0.9846	0.9879
52.3	0.8261	0.9286	0.9717	0.9747	0.9682	0.9858	0.9851	0.9850
52.4	0.8233	0.9291	0.9673	0.9757	0.9678	0.9824	0.9849	0.9871
52.5	0.7559	0.9279	0.9774	0.9798	0.9760	0.9832	0.9885	0.9880
52.6	0.8191	0.9455	0.9815	0.9840	0.9836	0.9880	0.9873	0.9898
52.7	0.8743	0.9267	0.9678	0.9696	0.9823	0.9882	0.9888	0.9903
52.8	0.8352	0.9233	0.9636	0.9743	0.9861	0.9859	0.9826	0.9871
52.9	0.7426	0.8710	0.9581	0.9754	0.9814	0.9817	0.9673	0.9862
53.0	0.9112	0.9337	0.9775	0.9773	0.9918	0.9915	0.9710	0.9908
53.1	0.8810	0.9343	0.9658	0.9794	0.9899	0.9910	0.9806	0.9910
53.2	0.9437	0.9337	0.9802	0.9760	0.9907	0.9919	0.9908	0.9915
53.3	0.9429	0.9088	0.9746	0.9734	0.9819	0.9845	0.9888	0.9833
53.4	0.9520	0.9317	0.9793	0.9831	0.9900	0.9870	0.9912	0.9887
53.5	0.9311	0.9462	0.9728	0.9816	0.9926	0.9903	0.9911	0.9904
53.6	0.9535	0.9504	0.9760	0.9661	0.9921	0.9899	0.9902	0.9861
53.7	0.9655	0.9223	0.9744	0.9628	0.9895	0.9827	0.9841	0.9802
53.8	0.9463	0.9333	0.9631	0.9730	0.9912	0.9795	0.9892	0.9894
53.9	0.9366	0.9400	0.9604	0.9774	0.9925	0.9796	0.9901	0.9914
54.0	0.9611	0.9303	0.9683	0.9763	0.9912	0.9836	0.9855	0.9913
54.1	0.9667	0.9089	0.9595	0.9695	0.9865	0.9764	0.9788	0.9890
54.2	0.9722	0.9285	0.9649	0.9731	0.9884	0.9852	0.9850	0.9866
54.3	0.9733	0.9343	0.9691	0.9753	0.9848	0.9870	0.9813	0.9861
54.4	0.9700	0.9556	0.9739	0.9781	0.9896	0.9860	0.9863	0.9901
54.5	0.9666	0.9528	0.9689	0.9706	0.9868	0.9830	0.9841	0.9873
54.6	0.9820	0.9584	0.9810	0.9703	0.9896	0.9851	0.9871	0.9897
54.7	0.9900	0.9649	0.9895	0.9809	0.9924	0.9874	0.9882	0.9919
54.8	0.9879	0.9551	0.9836	0.9763	0.9904	0.9850	0.9862	0.9890
54.9	0.9879	0.9597	0.9839	0.9744	0.9933	0.9845	0.9861	0.9912
55.0	0.9880	0.9627	0.9863	0.9710	0.9932	0.9851	0.9867	0.9897
55.1	0.9928	0.9594	0.9918	0.9749	0.9932	0.9907	0.9896	0.9924
55.2	0.9930	0.9559	0.9892	0.9654	0.9919	0.9891	0.9829	0.9894
55.3	0.9937	0.9695	0.9896	0.9645	0.9934	0.9883	0.9812	0.9861
55.4	0.9940	0.9623	0.9871	0.9622	0.9930	0.9793	0.9810	0.9847
55.5	0.9944	0.9499	0.9882	0.9722	0.9929	0.9802	0.9818	0.9863
55.6	0.9940	0.9574	0.9895	0.9733	0.9926	0.9855	0.9798	0.9815
55.7	0.9956	0.9725	0.9931	0.9761	0.9938	0.9877	0.9842	0.9879
55.8	0.9946	0.9608	0.9903	0.9687	0.9928	0.9869	0.9791	0.9875
55.9	0.9936	0.9380	0.9886	0.9602	0.9913	0.9815	0.9689	0.9829
56.0	0.9957	0.9585	0.9900	0.9679	0.9928	0.9820	0.9808	0.9828
56.1	0.9945	0.9577	0.9896	0.9468	0.9913	0.9781	0.9763	0.9760
56.2	0.9960	0.9558	0.9939	0.9490	0.9931	0.9837	0.9660	0.9762
56.3	0.9961	0.9434	0.9936	0.9630	0.9911	0.9851	0.9567	0.9785
56.4	0.9945	0.9171	0.9898	0.9677	0.9900	0.9845	0.9463	0.9676
56.5	0.9952	0.9257	0.9888	0.9639	0.9930	0.9839	0.9426	0.9643
56.6	0.9972	0.9555	0.9933	0.9776	0.9941	0.9887	0.9557	0.9785
56.7	0.9977	0.9630	0.9951	0.9727	0.9925	0.9919	0.9626	0.9751
56.8	0.9962	0.9497	0.9944	0.9488	0.9896	0.9893	0.9401	0.9643
56.9	0.9948	0.9409	0.9939	0.9426	0.9905	0.9901	0.9344	0.9586
57.0	0.9942	0.9381	0.9925	0.9529	0.9898	0.9912	0.9522	0.9583
57.1	0.9950	0.9484	0.9918	0.9527	0.9910	0.9880	0.9609	0.9426
57.2	0.9948	0.9462	0.9876	0.9420	0.9905	0.9826	0.9496	0.9496
57.3	0.9919	0.9416	0.9823	0.9293	0.9866	0.9806	0.9516	0.9476
57.4	0.9922	0.9563	0.9863	0.9473	0.9911	0.9832	0.9582	0.9321
57.5	0.9913	0.9370	0.9862	0.9469	0.9897	0.9817	0.9515	0.9014
57.6	0.9937	0.9482	0.9866	0.9534	0.9883	0.9875	0.9650	0.9217
57.7	0.9938	0.9458	0.9865	0.9379	0.9840	0.9853	0.9533	0.9165
57.8	0.9933	0.9484	0.9900	0.9376	0.9800	0.9825	0.9133	0.8811
57.9	0.9932	0.9562	0.9884	0.9491	0.9788	0.9822	0.9287	0.8856
58.0	0.9929	0.9595	0.9874	0.9590	0.9715	0.9826	0.9425	0.8932
58.1	0.9918	0.9648	0.9864	0.9596	0.9627	0.9776	0.9483	0.8905
58.2	0.9907	0.9576	0.9854	0.9552	0.9653	0.9758	0.9538	0.9171
58.3	0.9929	0.9685	0.9878	0.9568	0.9675	0.9840	0.9590	0.9532
58.4	0.9940	0.9723	0.9866	0.9532	0.9560	0.9803	0.9467	0.9408
58.5	0.9902	0.9565	0.9803	0.9384	0.9305	0.9685	0.9285	0.9207
58.6	0.9920	0.9726	0.9835	0.9518	0.8991	0.9650	0.9019	0.9418
58.7	0.9929	0.9751	0.9856	0.9624	0.9268	0.9724	0.9252	0.9590
58.8	0.9918	0.9710	0.9825	0.9629	0.9617	0.9712	0.9238	0.9512
58.9	0.9913	0.9699	0.9788	0.9630	0.9201	0.9585	0.8710	0.9339
59.0	0.9921	0.9618	0.9691	0.9547	0.7253	0.8957	0.6422	0.8107
59.1	0.9937	0.9755	0.9824	0.9688	0.8837	0.9506	0.7360	0.8936
59.2	0.9927	0.9777	0.9835	0.9640	0.9764	0.9730	0.9010	0.9598
59.3	0.9925	0.9785	0.9833	0.9671	0.9766	0.9819	0.9346	0.9546
59.4	0.9939	0.9782	0.9799	0.9721	0.9788	0.9861	0.9539	0.9555
59.5	0.9943	0.9728	0.9782	0.9689	0.9819	0.9852	0.9493	0.9362

59.6	0.9947	0.9809	0.9862	0.9640	0.9845	0.9860	0.9434	0.9403
59.7	0.9943	0.9744	0.9831	0.9597	0.9810	0.9832	0.9292	0.9398
59.8	0.9926	0.9468	0.9694	0.9573	0.9389	0.9746	0.8622	0.9286
59.9	0.9884	0.0049	0.0205	0.1349	0.9171	0.9690	0.8359	0.8962
60.0	0.9815	0.0414	0.0438	0.1267	0.9770	0.9734	0.9343	0.8806
60.1	0.9857	0.0782	0.0986	0.2719	0.9842	0.9822	0.9594	0.9041
60.2	0.9896	0.9002	0.9547	0.9421	0.9811	0.9859	0.9584	0.8915
60.3	0.9917	0.9590	0.9739	0.9516	0.9830	0.9860	0.9713	0.9107
60.4	0.9898	0.9599	0.9737	0.9373	0.9791	0.9843	0.9665	0.9046
60.5	0.9869	0.9438	0.9745	0.9184	0.9747	0.9800	0.9498	0.8887
60.6	0.9858	0.9401	0.9752	0.9069	0.9765	0.9836	0.9505	0.9085
60.7	0.9835	0.9284	0.9708	0.8914	0.9817	0.9849	0.9539	0.9214
60.8	0.9866	0.8915	0.9652	0.8580	0.9779	0.9831	0.9546	0.9231
60.9	0.9901	0.8912	0.9661	0.8590	0.9844	0.9844	0.9614	0.9377
61.0	0.9894	0.8535	0.9651	0.8359	0.9816	0.9783	0.9478	0.9205
61.1	0.9859	0.8211	0.9558	0.7743	0.9797	0.9770	0.9416	0.8318
61.2	0.9829	0.6873	0.9488	0.7209	0.9815	0.9809	0.9407	0.7764
61.3	0.9848	0.5486	0.9551	0.6912	0.9797	0.9776	0.9471	0.8095
61.4	0.9865	0.3851	0.9516	0.7252	0.9757	0.9785	0.9339	0.8313
61.5	0.9896	0.2767	0.9577	0.8048	0.9806	0.9810	0.9504	0.9006
61.6	0.9907	0.1768	0.9595	0.8402	0.9805	0.9829	0.9394	0.9165
61.7	0.9879	0.1494	0.9483	0.8388	0.9702	0.9621	0.8972	0.9073
61.8	0.9885	0.1114	0.9581	0.8428	0.9781	0.9601	0.9122	0.9200
61.9	0.9891	0.0769	0.9618	0.8788	0.9794	0.9535	0.9175	0.9208
62.0	0.9920	0.0682	0.9652	0.9112	0.9847	0.9610	0.9123	0.9082
62.1	0.9911	0.0613	0.9644	0.9015	0.9811	0.9634	0.9022	0.8804
62.2	0.9923	0.2207	0.9664	0.9170	0.9787	0.9622	0.9033	0.8239
62.3	0.9911	0.1843	0.9649	0.9052	0.9730	0.9475	0.8944	0.7896
62.4	0.9905	0.1675	0.9603	0.8951	0.9752	0.9467	0.8734	0.7672
62.5	0.9912	0.2931	0.9474	0.8987	0.9726	0.9560	0.8459	0.7548
62.6	0.9940	0.3543	0.9558	0.9354	0.9779	0.9711	0.8916	0.8122
62.7	0.9942	0.3480	0.9598	0.9448	0.9678	0.9666	0.8388	0.8386
62.8	0.9931	0.2554	0.9563	0.9431	0.9523	0.9650	0.8221	0.8633
62.9	0.9942	0.3173	0.9666	0.9538	0.9601	0.9794	0.8586	0.9087
63.0	0.9952	0.4312	0.9689	0.9614	0.9662	0.9791	0.8206	0.9292
63.1	0.9935	0.3284	0.9671	0.9583	0.9667	0.9627	0.7782	0.9121
63.2	0.9947	0.5107	0.9668	0.9590	0.9512	0.9606	0.7735	0.9208
63.3	0.9958	0.5980	0.9721	0.9696	0.9600	0.9717	0.8254	0.9462
63.4	0.9962	0.5545	0.9678	0.9712	0.9639	0.9735	0.8458	0.9504
63.5	0.9952	0.5127	0.9492	0.9691	0.9680	0.9685	0.7373	0.9564
63.6	0.9967	0.6735	0.9751	0.9792	0.9734	0.9826	0.7922	0.9767
63.7	0.9961	0.6465	0.9793	0.9767	0.9688	0.9800	0.7998	0.9709
63.8	0.9928	0.5687	0.9647	0.9684	0.9519	0.9680	0.6356	0.9443
63.9	0.9921	0.4726	0.9455	0.9538	0.9234	0.9585	0.5897	0.9467
64.0	0.9943	0.4343	0.9667	0.9622	0.9452	0.9754	0.7837	0.9738
64.1	0.9961	0.5849	0.9756	0.9687	0.9613	0.9785	0.7948	0.9783
64.2	0.9955	0.5644	0.9726	0.9745	0.9561	0.9767	0.7905	0.9740
64.3	0.9953	0.5536	0.9783	0.9759	0.9385	0.9734	0.8344	0.9799
64.4	0.9954	0.5484	0.9695	0.9721	0.9464	0.9733	0.7924	0.9798
64.5	0.9938	0.4634	0.9607	0.9732	0.9588	0.9695	0.7040	0.9768
64.6	0.9955	0.4971	0.9634	0.9721	0.9697	0.9737	0.7196	0.9837
64.7	0.9947	0.4806	0.9675	0.9736	0.9635	0.9657	0.6598	0.9795
64.8	0.9959	0.5677	0.9810	0.9816	0.9700	0.9772	0.6778	0.9833
64.9	0.9958	0.5894	0.9788	0.9790	0.9719	0.9711	0.6230	0.9818
65.0	0.9951	0.5671	0.9735	0.9769	0.9749	0.9733	0.6866	0.9852
65.1	0.9925	0.5100	0.9650	0.9728	0.9517	0.9614	0.6462	0.9727
65.2	0.9935	0.5234	0.9782	0.9749	0.9640	0.9738	0.5378	0.9775
65.3	0.9948	0.5041	0.9812	0.9835	0.9745	0.9783	0.6137	0.9824
65.4	0.9959	0.5343	0.9758	0.9858	0.9746	0.9722	0.6705	0.9852
65.5	0.9946	0.5250	0.9784	0.9846	0.9754	0.9653	0.7955	0.9866
65.6	0.9938	0.4014	0.9663	0.9751	0.9686	0.9510	0.8388	0.9759
65.7	0.9936	0.4119	0.9601	0.9783	0.9671	0.9316	0.8620	0.9736
65.8	0.9912	0.5147	0.9615	0.9783	0.9681	0.8942	0.8557	0.9700
65.9	0.9908	0.4336	0.9644	0.9719	0.9633	0.8531	0.8336	0.9733
66.0	0.9929	0.4823	0.9632	0.9832	0.9649	0.8802	0.8538	0.9714
66.1	0.9932	0.5683	0.9715	0.9867	0.9688	0.9115	0.8420	0.9743
66.2	0.9934	0.5557	0.9686	0.9872	0.9708	0.9029	0.7998	0.9795
66.3	0.9904	0.5271	0.9355	0.9850	0.9665	0.9240	0.6313	0.9712
66.4	0.9913	0.5858	0.9313	0.9833	0.9688	0.9377	0.5511	0.9756
66.5	0.9914	0.5233	0.9440	0.9846	0.9687	0.9218	0.4148	0.9713
66.6	0.9909	0.4481	0.9257	0.9852	0.9528	0.9182	0.2714	0.9655
66.7	0.9909	0.5694	0.9300	0.9855	0.9508	0.9392	0.5355	0.9743
66.8	0.9906	0.6326	0.9301	0.9848	0.9539	0.9392	0.5555	0.9694
66.9	0.9857	0.6437	0.9274	0.9818	0.9403	0.9325	0.6589	0.9627
67.0	0.9895	0.6769	0.9508	0.9796	0.9567	0.9535	0.7751	0.9695
67.1	0.9884	0.5928	0.9340	0.9803	0.9285	0.9494	0.7842	0.9614
67.2	0.9813	0.3895	0.8858	0.9779	0.8957	0.9262	0.8429	0.9489
67.3	0.9850	0.4021	0.8847	0.9837	0.8588	0.9429	0.9226	0.9678
67.4	0.9876	0.5648	0.9102	0.9841	0.8388	0.9380	0.9069	0.9596
67.5	0.9858	0.5955	0.9169	0.9803	0.8192	0.9463	0.9480	0.9691
67.6	0.9825	0.4913	0.9063	0.9800	0.7181	0.9269	0.9360	0.9562
67.7	0.9837	0.4405	0.9026	0.9850	0.7137	0.9243	0.9511	0.9510
67.8	0.9829	0.3711	0.9028	0.9782	0.7036	0.8885	0.9538	0.9571
67.9	0.9806	0.2544	0.9082	0.9744	0.8237	0.7708	0.9394	0.9390
68.0	0.9826	0.2433	0.9135	0.9787	0.8812	0.6812	0.9470	0.9336
68.1	0.9790	0.2476	0.8945	0.9739	0.8938	0.2758	0.9588	0.9386

68.2	0.9751	0.2923	0.8969	0.9737	0.8796	0.4360	0.9425	0.8957
68.3	0.9788	0.4355	0.9133	0.9786	0.9337	0.7844	0.9606	0.9168
68.4	0.9755	0.3669	0.8742	0.9726	0.9296	0.8645	0.9578	0.9064
68.5	0.9760	0.3433	0.8750	0.9751	0.9438	0.9016	0.9621	0.9040
68.6	0.9753	0.5121	0.8841	0.9728	0.9334	0.9183	0.9469	0.8865
68.7	0.9710	0.5231	0.8475	0.9661	0.9419	0.9185	0.9578	0.8830
68.8	0.9766	0.5348	0.8501	0.9745	0.9554	0.9335	0.9657	0.8998
68.9	0.9675	0.5129	0.8552	0.9641	0.9336	0.9275	0.9477	0.8437
69.0	0.9766	0.6644	0.8928	0.9754	0.9588	0.9506	0.9671	0.8851
69.1	0.9738	0.5409	0.8734	0.9712	0.9549	0.9363	0.9540	0.8647
69.2	0.9758	0.5562	0.8822	0.9707	0.9629	0.9355	0.9615	0.8654
69.3	0.9668	0.4841	0.8798	0.9656	0.9467	0.9187	0.9411	0.8027
69.4	0.9791	0.5732	0.9057	0.9776	0.9731	0.9353	0.9694	0.8585
69.5	0.9697	0.5190	0.8737	0.9612	0.9466	0.9317	0.9512	0.7922
69.6	0.9705	0.5399	0.8813	0.9687	0.9503	0.9429	0.9521	0.8356
69.7	0.9680	0.5726	0.8759	0.9679	0.9388	0.9452	0.9402	0.8072
69.8	0.9719	0.6801	0.8527	0.9663	0.9400	0.9410	0.9509	0.8708
69.9	0.9780	0.7236	0.8917	0.9731	0.9312	0.9658	0.9665	0.9070
70.0	0.9752	0.6625	0.8564	0.9674	0.9165	0.9560	0.9496	0.8894
70.1	0.9691	0.7857	0.8715	0.9682	0.9376	0.9586	0.9505	0.9282
70.2	0.9638	0.7638	0.8155	0.9647	0.9175	0.9376	0.9335	0.9110
70.3	0.9620	0.7192	0.7877	0.9570	0.9153	0.9372	0.9189	0.8830
70.4	0.9554	0.7481	0.8283	0.9543	0.9346	0.9370	0.9278	0.9144
70.5	0.9658	0.7958	0.8234	0.9669	0.9543	0.9503	0.9329	0.9289
70.6	0.9644	0.7977	0.7534	0.9667	0.9547	0.9522	0.9301	0.9319
70.7	0.9724	0.8468	0.7273	0.9744	0.9555	0.9595	0.9286	0.9353
70.8	0.9712	0.8539	0.7745	0.9718	0.9663	0.9551	0.9281	0.9348
70.9	0.9787	0.8597	0.7699	0.9736	0.9729	0.9695	0.9352	0.9498
71.0	0.9750	0.8601	0.7439	0.9748	0.9673	0.9604	0.8953	0.9289
71.1	0.9694	0.8482	0.7223	0.9684	0.9688	0.9590	0.8886	0.9287
71.2	0.9759	0.8764	0.7103	0.9751	0.9730	0.9707	0.9167	0.9421
71.3	0.9782	0.8743	0.6732	0.9751	0.9761	0.9683	0.8946	0.9383
71.4	0.9804	0.8699	0.6264	0.9759	0.9812	0.9683	0.8633	0.9428
71.5	0.9836	0.8886	0.4934	0.9795	0.9846	0.9718	0.8238	0.9453
71.6	0.9853	0.9176	0.5092	0.9813	0.9838	0.9747	0.8009	0.9433
71.7	0.9856	0.9012	0.4863	0.9808	0.9798	0.9712	0.8098	0.9420
71.8	0.9861	0.9137	0.4093	0.9804	0.9822	0.9724	0.7631	0.9362
71.9	0.9912	0.9316	0.3413	0.9889	0.9854	0.9821	0.7975	0.9517
72.0	0.9907	0.9236	0.1178	0.9859	0.9860	0.9838	0.8270	0.9427
72.1	0.9895	0.9209	0.0543	0.9833	0.9809	0.9790	0.8296	0.9267
72.2	0.9924	0.9282	0.0007	0.9875	0.9873	0.9795	0.8255	0.9148
72.3	0.9906	0.9147	0.0297	0.9867	0.9843	0.9796	0.8225	0.9270
72.4	0.9894	0.8913	0.0242	0.9825	0.9864	0.9800	0.8465	0.9262
72.5	0.9914	0.9000	0.1033	0.9868	0.9862	0.9852	0.8871	0.9319
72.6	0.9944	0.8942	0.2589	0.9890	0.9887	0.9852	0.9066	0.9278
72.7	0.9950	0.8699	0.2159	0.9885	0.9848	0.9830	0.9039	0.9340
72.8	0.9931	0.8786	0.3138	0.9876	0.9818	0.9794	0.9010	0.9356
72.9	0.9948	0.8783	0.4668	0.9900	0.9882	0.9835	0.9251	0.9338
73.0	0.9948	0.8580	0.6341	0.9913	0.9893	0.9823	0.9315	0.9436
73.1	0.9931	0.7919	0.5806	0.9904	0.9813	0.9818	0.9206	0.9238
73.2	0.9939	0.7404	0.6413	0.9915	0.9763	0.9878	0.9422	0.9375
73.3	0.9925	0.7228	0.6983	0.9896	0.9798	0.9854	0.9377	0.9413
73.4	0.9922	0.6374	0.7141	0.9901	0.9714	0.9835	0.9281	0.9347
73.5	0.9923	0.6198	0.7583	0.9910	0.9755	0.9855	0.9463	0.9524
73.6	0.9921	0.6156	0.8319	0.9923	0.9799	0.9852	0.9591	0.9664
73.7	0.9936	0.5352	0.8498	0.9947	0.9839	0.9872	0.9659	0.9673
73.8	0.9927	0.4736	0.8112	0.9944	0.9793	0.9842	0.9470	0.9662
73.9	0.9921	0.5266	0.8366	0.9942	0.9745	0.9844	0.9484	0.9673
74.0	0.9919	0.5470	0.8730	0.9935	0.9731	0.9848	0.9603	0.9773
74.1	0.9900	0.5004	0.8726	0.9907	0.9668	0.9855	0.9605	0.9747
74.2	0.9875	0.4976	0.8703	0.9912	0.9617	0.9860	0.9562	0.9690
74.3	0.9868	0.3972	0.9058	0.9927	0.9621	0.9871	0.9646	0.9749
74.4	0.9833	0.3045	0.9138	0.9909	0.9524	0.9884	0.9661	0.9754
74.5	0.9855	0.3921	0.9342	0.9909	0.9594	0.9895	0.9695	0.9768
74.6	0.9850	0.4390	0.9399	0.9925	0.9663	0.9863	0.9713	0.9803
74.7	0.9778	0.5155	0.9327	0.9911	0.9438	0.9884	0.9681	0.9787
74.8	0.9787	0.6573	0.9385	0.9923	0.9352	0.9873	0.9683	0.9819
74.9	0.9770	0.7038	0.9482	0.9927	0.9419	0.9888	0.9731	0.9798
75.0	0.9712	0.7667	0.9518	0.9907	0.9399	0.9850	0.9722	0.9747
75.1	0.9577	0.7646	0.9361	0.9892	0.9227	0.9816	0.9703	0.9770
75.2	0.9586	0.8220	0.9470	0.9929	0.9212	0.9861	0.9755	0.9813
75.3	0.9698	0.8756	0.9650	0.9943	0.9461	0.9903	0.9815	0.9828
75.4	0.9624	0.8510	0.9536	0.9928	0.9293	0.9880	0.9736	0.9787
75.5	0.9394	0.8781	0.9514	0.9907	0.9168	0.9829	0.9772	0.9824
75.6	0.9493	0.8791	0.9686	0.9921	0.9333	0.9869	0.9772	0.9727
75.7	0.9211	0.8924	0.9577	0.9899	0.9037	0.9861	0.9713	0.9701
75.8	0.9112	0.8948	0.9614	0.9932	0.8952	0.9882	0.9743	0.9720
75.9	0.9034	0.8879	0.9695	0.9937	0.9497	0.9895	0.9789	0.9746
76.0	0.8250	0.8378	0.9593	0.9918	0.9343	0.9862	0.9714	0.9620
76.1	0.8252	0.8857	0.9561	0.9927	0.9537	0.9816	0.9658	0.9400
76.2	0.8073	0.9123	0.9662	0.9946	0.9668	0.9834	0.9719	0.9330
76.3	0.7801	0.9115	0.9600	0.9941	0.9558	0.9773	0.9622	0.8966
76.4	0.8233	0.9437	0.9740	0.9946	0.9785	0.9856	0.9750	0.9242
76.5	0.8484	0.9505	0.9819	0.9948	0.9876	0.9893	0.9811	0.9359
76.6	0.8135	0.9522	0.9810	0.9958	0.9864	0.9888	0.9802	0.9146
76.7	0.7895	0.9556	0.9758	0.9963	0.9866	0.9856	0.9722	0.8691

76.8	0.7840	0.9475	0.9800	0.9955	0.9861	0.9803	0.9648	0.8097
76.9	0.7766	0.9551	0.9806	0.9950	0.9888	0.9831	0.9696	0.7541
77.0	0.6795	0.9283	0.9753	0.9907	0.9843	0.9843	0.9684	0.7446
77.1	0.7802	0.9435	0.9805	0.9916	0.9892	0.9854	0.9664	0.6609
77.2	0.8042	0.9555	0.9855	0.9923	0.9891	0.9846	0.9634	0.5601
77.3	0.8271	0.9474	0.9859	0.9873	0.9919	0.9811	0.9304	0.1235
77.4	0.8352	0.9464	0.9790	0.9893	0.9871	0.9813	0.9322	0.1404
77.5	0.8829	0.9423	0.9794	0.9878	0.9822	0.9837	0.9444	0.4707
77.6	0.9315	0.9654	0.9856	0.9936	0.9865	0.9887	0.9531	0.6682
77.7	0.9324	0.9639	0.9820	0.9897	0.9870	0.9857	0.9443	0.7435
77.8	0.9318	0.9655	0.9771	0.9883	0.9815	0.9815	0.9308	0.8226
77.9	0.9507	0.9706	0.9813	0.9884	0.9853	0.9833	0.9446	0.8300
78.0	0.9522	0.9634	0.9812	0.9823	0.9768	0.9840	0.9498	0.8562
78.1	0.9465	0.9595	0.9755	0.9784	0.9682	0.9820	0.9389	0.8597
78.2	0.9485	0.9588	0.9738	0.9696	0.9525	0.9688	0.9207	0.8412
78.3	0.9647	0.9660	0.9785	0.9700	0.9513	0.9751	0.9222	0.8889
78.4	0.9658	0.9749	0.9795	0.9714	0.9448	0.9780	0.9274	0.9100
78.5	0.9656	0.9727	0.9720	0.9742	0.9284	0.9735	0.9048	0.8900
78.6	0.9714	0.9664	0.9707	0.9603	0.9175	0.9713	0.8982	0.9095
78.7	0.9804	0.9714	0.9755	0.9618	0.8949	0.9715	0.8890	0.9345
78.8	0.9802	0.9686	0.9755	0.9589	0.8737	0.9716	0.8761	0.9426
78.9	0.9835	0.9624	0.9766	0.9554	0.8681	0.9660	0.9029	0.9423
79.0	0.9838	0.9713	0.9766	0.9554	0.7959	0.9638	0.8944	0.9421
79.1	0.9821	0.9803	0.9653	0.9634	0.7345	0.9573	0.8728	0.9125
79.2	0.9782	0.9688	0.9600	0.9446	0.7052	0.9343	0.8244	0.9170
79.3	0.9870	0.9679	0.9769	0.9595	0.8100	0.9451	0.7794	0.9498
79.4	0.9886	0.9714	0.9755	0.9662	0.7987	0.9569	0.7335	0.9650
79.5	0.9845	0.9715	0.9715	0.9494	0.7128	0.9513	0.4359	0.9452
79.6	0.9850	0.9730	0.9681	0.9548	0.8005	0.9458	0.3170	0.9572
79.7	0.9892	0.9761	0.9733	0.9613	0.8454	0.9446	0.2389	0.9630
79.8	0.9920	0.9795	0.9714	0.9626	0.8452	0.9401	0.1920	0.9641
79.9	0.9916	0.9797	0.9647	0.9670	0.8763	0.9296	0.4936	0.9632
80.0	0.9909	0.9768	0.9640	0.9727	0.9112	0.9225	0.6706	0.9639

2.2.59 Run 5 – VTC-200 – Accels 33–40

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.2916	0.0321	0.1602	0.1553	0.4028	0.1071	0.3483	0.1739
0.1	0.0811	0.0112	0.0218	0.0095	0.0431	0.0108	0.0529	0.0038
0.2	0.0737	0.0105	0.0009	0.0374	0.0234	0.0214	0.0047	0.0078
0.3	0.0024	0.0039	0.0084	0.0310	0.0566	0.0862	0.0089	0.0126
0.4	0.0004	0.0173	0.0080	0.0959	0.0409	0.0628	0.0072	0.0116
0.5	0.0134	0.0063	0.0194	0.1119	0.0636	0.0257	0.0290	0.0168
0.6	0.0013	0.0252	0.0585	0.0447	0.0355	0.0452	0.0656	0.0137
0.7	0.0044	0.0000	0.0259	0.0037	0.0194	0.0777	0.0521	0.0306
0.8	0.0043	0.0319	0.0152	0.0120	0.0241	0.0097	0.0073	0.0499
0.9	0.0120	0.1075	0.0098	0.0607	0.0033	0.0575	0.0358	0.0138
1.0	0.0167	0.0398	0.0463	0.0156	0.0098	0.0013	0.0129	0.0013
1.1	0.0383	0.0257	0.0494	0.0455	0.0197	0.0094	0.0360	0.0178
1.2	0.1009	0.0488	0.0728	0.0031	0.0074	0.0087	0.0158	0.0222
1.3	0.1268	0.0584	0.1559	0.0110	0.0121	0.0580	0.0480	0.0103
1.4	0.0304	0.1572	0.3485	0.0018	0.0039	0.1566	0.1589	0.0042
1.5	0.1422	0.3742	0.3657	0.0277	0.1045	0.3708	0.0924	0.0311
1.6	0.2032	0.3009	0.5065	0.0497	0.0962	0.3411	0.0094	0.0121
1.7	0.1111	0.0994	0.5874	0.1619	0.0312	0.3066	0.0549	0.0136
1.8	0.3654	0.3543	0.5426	0.4870	0.0271	0.5090	0.0576	0.0014
1.9	0.6272	0.4015	0.6583	0.6606	0.0288	0.5593	0.1271	0.0299
2.0	0.8505	0.6108	0.7571	0.8023	0.0539	0.5485	0.2846	0.0658
2.1	0.7113	0.3453	0.7107	0.7203	0.1339	0.5518	0.4556	0.1209
2.2	0.7450	0.2852	0.6735	0.7680	0.3003	0.3487	0.7674	0.0827
2.3	0.5430	0.5045	0.5378	0.5616	0.5114	0.0002	0.5552	0.1510
2.4	0.3523	0.4108	0.6985	0.3583	0.2241	0.4063	0.3580	0.0640
2.5	0.6457	0.4388	0.8968	0.6453	0.0921	0.8109	0.3644	0.0516
2.6	0.7842	0.4353	0.8998	0.7947	0.0019	0.8506	0.0495	0.0751
2.7	0.8573	0.3125	0.9041	0.8489	0.0075	0.8839	0.0849	0.0525
2.8	0.7679	0.1762	0.8897	0.6867	0.0264	0.8606	0.0043	0.0627
2.9	0.6657	0.0920	0.9002	0.5750	0.0315	0.8039	0.0433	0.0807
3.0	0.6236	0.1120	0.9295	0.6120	0.0118	0.8191	0.0649	0.0842
3.1	0.4249	0.1327	0.8988	0.3745	0.0062	0.8256	0.0171	0.0655
3.2	0.4759	0.0131	0.8780	0.3468	0.0096	0.7519	0.1442	0.0930
3.3	0.6995	0.0549	0.9235	0.5878	0.0214	0.8327	0.2535	0.1773
3.4	0.6682	0.0736	0.9029	0.5702	0.0165	0.7866	0.1160	0.0881
3.5	0.4739	0.0296	0.8372	0.3944	0.0103	0.7475	0.0356	0.0695
3.6	0.2824	0.0169	0.7045	0.1752	0.0271	0.4974	0.0245	0.0032
3.7	0.3048	0.0476	0.9241	0.2448	0.0007	0.8337	0.2301	0.1479
3.8	0.7191	0.2826	0.9878	0.7325	0.0312	0.9807	0.7134	0.2057
3.9	0.8816	0.4032	0.9960	0.8675	0.0371	0.9921	0.8924	0.0834
4.0	0.9248	0.5801	0.9968	0.9069	0.0449	0.9937	0.9107	0.1941
4.1	0.9248	0.6814	0.9961	0.8990	0.0572	0.9917	0.8957	0.5972
4.2	0.8231	0.6070	0.9934	0.8319	0.0194	0.9848	0.8731	0.4640
4.3	0.7020	0.5338	0.9933	0.6344	0.0583	0.9820	0.8375	0.5478
4.4	0.6858	0.4728	0.9917	0.6538	0.1465	0.9761	0.7802	0.6396
4.5	0.6971	0.5398	0.9891	0.7530	0.1214	0.9794	0.6300	0.7317
4.6	0.5971	0.5901	0.9908	0.6879	0.0944	0.9792	0.5635	0.6875
4.7	0.4713	0.5228	0.9846	0.6351	0.0560	0.9597	0.2656	0.6270
4.8	0.3858	0.5794	0.9787	0.4364	0.0850	0.9502	0.2549	0.6487
4.9	0.4065	0.4199	0.9696	0.4784	0.1013	0.9086	0.3642	0.4935
5.0	0.7102	0.2490	0.9904	0.7546	0.0991	0.9753	0.6416	0.4048
5.1	0.7881	0.5059	0.9927	0.7796	0.0792	0.9873	0.7611	0.6873
5.2	0.7889	0.4038	0.9907	0.8125	0.0537	0.9842	0.7974	0.7062
5.3	0.7086	0.1126	0.9887	0.8190	0.0075	0.9750	0.7227	0.3691
5.4	0.3292	0.1317	0.9616	0.6841	0.0304	0.8984	0.3871	0.2696
5.5	0.0858	0.1576	0.9367	0.4181	0.0350	0.8248	0.3137	0.2766
5.6	0.0024	0.2108	0.9776	0.1257	0.1336	0.9257	0.4197	0.3040
5.7	0.2292	0.3197	0.9871	0.0588	0.1808	0.9730	0.6420	0.5222
5.8	0.6808	0.4093	0.9951	0.6562	0.1923	0.9920	0.8101	0.7432
5.9	0.8367	0.5072	0.9966	0.8244	0.1035	0.9944	0.8423	0.7329
6.0	0.9151	0.6687	0.9963	0.9301	0.1481	0.9957	0.8969	0.7316
6.1	0.9610	0.8282	0.9974	0.9699	0.3225	0.9978	0.9526	0.8039
6.2	0.9659	0.8742	0.9968	0.9760	0.4037	0.9972	0.9652	0.8420
6.3	0.9714	0.8631	0.9963	0.9811	0.3446	0.9975	0.9822	0.7855
6.4	0.9805	0.8982	0.9960	0.9835	0.2520	0.9978	0.9739	0.8358
6.5	0.9832	0.8877	0.9959	0.9831	0.2673	0.9981	0.9788	0.7137
6.6	0.9752	0.7707	0.9948	0.9800	0.2676	0.9981	0.9914	0.4823
6.7	0.9692	0.6545	0.9908	0.9744	0.3484	0.9974	0.9794	0.4536
6.8	0.9668	0.6121	0.9856	0.9662	0.1481	0.9970	0.9798	0.7435
6.9	0.9592	0.7946	0.9790	0.9579	0.1134	0.9964	0.9770	0.8043
7.0	0.9460	0.8715	0.9687	0.9458	0.1610	0.9918	0.9597	0.7827
7.1	0.8758	0.7597	0.9102	0.8751	0.1312	0.9840	0.8704	0.7984
7.2	0.8993	0.5032	0.9095	0.9034	0.2217	0.9889	0.8694	0.7524
7.3	0.9404	0.2637	0.9327	0.9451	0.3082	0.9622	0.8876	0.6840
7.4	0.9444	0.7565	0.9237	0.9457	0.2091	0.9750	0.9148	0.7131
7.5	0.9587	0.8838	0.9048	0.9591	0.0877	0.9925	0.9553	0.7596
7.6	0.9694	0.8523	0.8725	0.9736	0.0461	0.9984	0.9784	0.7133
7.7	0.9856	0.8833	0.8946	0.9904	0.1189	0.9972	0.9906	0.8252
7.8	0.9870	0.9191	0.9317	0.9922	0.1301	0.9919	0.9913	0.7671
7.9	0.9829	0.9178	0.9571	0.9879	0.1837	0.9879	0.9900	0.6760

8.0	0.9875	0.8633	0.9736	0.9909	0.1069	0.9929	0.9904	0.7065
8.1	0.9896	0.8961	0.9829	0.9931	0.2171	0.9943	0.9925	0.8312
8.2	0.9893	0.9231	0.9913	0.9925	0.4358	0.9963	0.9936	0.8381
8.3	0.9887	0.9169	0.9892	0.9927	0.4429	0.9953	0.9922	0.7813
8.4	0.9888	0.9207	0.9934	0.9930	0.3668	0.9969	0.9921	0.7440
8.5	0.9866	0.9048	0.9868	0.9910	0.4463	0.9926	0.9909	0.6751
8.6	0.9889	0.9003	0.9901	0.9924	0.4273	0.9940	0.9928	0.6594
8.7	0.9828	0.8509	0.9823	0.9870	0.2548	0.9871	0.9840	0.5605
8.8	0.9867	0.8729	0.9864	0.9897	0.4297	0.9887	0.9841	0.5372
8.9	0.9833	0.8770	0.9832	0.9864	0.5161	0.9857	0.9789	0.6211
9.0	0.9705	0.8156	0.9689	0.9739	0.5729	0.9707	0.9228	0.6455
9.1	0.9732	0.7103	0.9748	0.9771	0.4932	0.9760	0.8501	0.6138
9.2	0.9393	0.7369	0.9256	0.9412	0.5978	0.9290	0.9359	0.8143
9.3	0.9245	0.7307	0.9268	0.9271	0.5611	0.9269	0.9618	0.9028
9.4	0.9350	0.6686	0.9495	0.9366	0.5321	0.9478	0.9726	0.9351
9.5	0.9477	0.6369	0.9657	0.9508	0.6399	0.9636	0.9714	0.9248
9.6	0.9600	0.6176	0.9779	0.9627	0.4662	0.9764	0.9780	0.9471
9.7	0.9425	0.6131	0.9758	0.9465	0.1620	0.9735	0.9635	0.9218
9.8	0.9695	0.6912	0.9904	0.9733	0.2454	0.9896	0.9270	0.8542
9.9	0.9661	0.5746	0.9942	0.9746	0.2339	0.9936	0.9598	0.9043
10.0	0.9507	0.3966	0.9952	0.9664	0.1124	0.9947	0.9855	0.9478
10.1	0.9554	0.6040	0.9943	0.9652	0.0950	0.9937	0.9832	0.9272
10.2	0.9673	0.7627	0.9971	0.9746	0.1644	0.9968	0.9813	0.9476
10.3	0.9623	0.7424	0.9985	0.9760	0.1259	0.9983	0.9661	0.9455
10.4	0.9573	0.6822	0.9994	0.9737	0.0495	0.9993	0.9333	0.9178
10.5	0.9604	0.7426	0.9991	0.9653	0.0457	0.9990	0.9331	0.8772
10.6	0.9583	0.8296	0.9990	0.9730	0.1670	0.9990	0.9478	0.9058
10.7	0.9342	0.7789	0.9973	0.9596	0.1139	0.9974	0.9366	0.8355
10.8	0.9318	0.8530	0.9986	0.9626	0.2672	0.9986	0.9714	0.8278
10.9	0.9163	0.8634	0.9986	0.9562	0.2890	0.9984	0.9723	0.8513
11.0	0.8642	0.8669	0.9989	0.9330	0.2412	0.9989	0.9609	0.8075
11.1	0.8200	0.8372	0.9985	0.8972	0.2971	0.9986	0.9543	0.7027
11.2	0.7879	0.8986	0.9990	0.8672	0.2861	0.9991	0.9704	0.7654
11.3	0.7372	0.9244	0.9993	0.8759	0.4267	0.9994	0.9743	0.7746
11.4	0.5666	0.9156	0.9991	0.8374	0.4180	0.9991	0.9672	0.7487
11.5	0.5698	0.9424	0.9993	0.8752	0.3780	0.9994	0.9522	0.7866
11.6	0.6092	0.9378	0.9989	0.8324	0.3658	0.9990	0.9353	0.8207
11.7	0.7312	0.9447	0.9990	0.8949	0.3980	0.9992	0.9590	0.8457
11.8	0.8003	0.9449	0.9992	0.9158	0.3484	0.9991	0.9398	0.8314
11.9	0.8724	0.9477	0.9988	0.9422	0.4919	0.9989	0.9096	0.8997
12.0	0.9086	0.9642	0.9989	0.9580	0.4344	0.9988	0.9098	0.9094
12.1	0.9273	0.9535	0.9983	0.9615	0.3505	0.9984	0.9065	0.9327
12.2	0.9392	0.9575	0.9990	0.9778	0.3879	0.9992	0.9305	0.9551
12.3	0.9549	0.9634	0.9988	0.9837	0.4996	0.9991	0.9481	0.9651
12.4	0.9673	0.9575	0.9985	0.9841	0.5008	0.9989	0.9594	0.9687
12.5	0.9684	0.9507	0.9978	0.9855	0.5134	0.9988	0.9502	0.9692
12.6	0.9607	0.9555	0.9982	0.9868	0.5424	0.9992	0.9588	0.9707
12.7	0.9598	0.9433	0.9987	0.9882	0.5079	0.9994	0.9717	0.9571
12.8	0.9677	0.9194	0.9985	0.9878	0.5685	0.9996	0.9628	0.9482
12.9	0.9711	0.9150	0.9984	0.9848	0.6333	0.9993	0.9546	0.9407
13.0	0.9646	0.9195	0.9979	0.9855	0.6687	0.9989	0.8990	0.9223
13.1	0.9662	0.9223	0.9972	0.9871	0.8103	0.9986	0.9209	0.9304
13.2	0.9756	0.9450	0.9963	0.9884	0.8999	0.9987	0.9087	0.9227
13.3	0.9746	0.9396	0.9960	0.9874	0.9067	0.9987	0.8941	0.9293
13.4	0.9729	0.9349	0.9953	0.9799	0.9134	0.9986	0.9087	0.9240
13.5	0.9708	0.9122	0.9898	0.9727	0.8882	0.9982	0.9020	0.9229
13.6	0.9739	0.9166	0.9814	0.9822	0.9061	0.9979	0.9403	0.9311
13.7	0.9839	0.9229	0.9805	0.9827	0.9070	0.9961	0.9623	0.9346
13.8	0.9884	0.9330	0.9824	0.9801	0.9262	0.9954	0.9659	0.9096
13.9	0.9871	0.9452	0.9850	0.9776	0.9425	0.9960	0.9745	0.8845
14.0	0.9891	0.9648	0.9883	0.9862	0.9587	0.9969	0.9740	0.8719
14.1	0.9809	0.9583	0.9872	0.9763	0.9435	0.9932	0.9695	0.8476
14.2	0.9622	0.9602	0.9838	0.9599	0.9239	0.9830	0.9602	0.7416
14.3	0.9404	0.9312	0.9632	0.9400	0.8716	0.9598	0.9644	0.5556
14.4	0.9302	0.9249	0.9370	0.9302	0.8772	0.9260	0.9619	0.4432
14.5	0.9214	0.8847	0.8622	0.9240	0.7959	0.8625	0.9576	0.2987
14.6	0.9324	0.8424	0.7283	0.9314	0.7512	0.7714	0.9335	0.1733
14.7	0.9625	0.8336	0.5551	0.9617	0.6963	0.6205	0.9431	0.5272
14.8	0.9689	0.8236	0.7584	0.9689	0.4610	0.1605	0.9003	0.6230
14.9	0.9683	0.7979	0.9358	0.9735	0.4483	0.7504	0.8887	0.7805
15.0	0.9806	0.8232	0.9807	0.9811	0.5018	0.9379	0.9058	0.8205
15.1	0.9715	0.6707	0.9807	0.9790	0.3921	0.9489	0.8859	0.8353
15.2	0.9647	0.6163	0.9843	0.9744	0.4801	0.9724	0.8773	0.8310
15.3	0.9517	0.6144	0.9830	0.9551	0.2124	0.9771	0.8543	0.7948
15.4	0.9555	0.6373	0.9882	0.9586	0.1272	0.9876	0.8785	0.8353
15.5	0.9346	0.6231	0.9893	0.9562	0.2260	0.9896	0.8338	0.8245
15.6	0.9391	0.6068	0.9911	0.9503	0.2169	0.9908	0.8320	0.7938
15.7	0.9418	0.5839	0.9890	0.9496	0.3061	0.9903	0.8501	0.7457
15.8	0.9343	0.5199	0.9860	0.9393	0.3583	0.9898	0.8860	0.6236
15.9	0.9356	0.5109	0.9897	0.9247	0.3591	0.9933	0.9217	0.1552
16.0	0.9366	0.4731	0.9890	0.9180	0.4142	0.9950	0.9192	0.2080
16.1	0.9205	0.3044	0.9914	0.9423	0.2679	0.9938	0.9127	0.6591
16.2	0.9267	0.2989	0.9933	0.9462	0.3000	0.9948	0.8777	0.8347
16.3	0.9333	0.6197	0.9916	0.9477	0.3154	0.9954	0.7724	0.8642
16.4	0.9455	0.7691	0.9931	0.9549	0.3268	0.9944	0.8234	0.8669
16.5	0.9575	0.8399	0.9850	0.9376	0.4518	0.9917	0.8231	0.8521

16.6	0.9525	0.8512	0.9874	0.9362	0.3776	0.9921	0.8841	0.7869
16.7	0.9278	0.8170	0.9910	0.8857	0.4232	0.9944	0.8908	0.6111
16.8	0.9051	0.7478	0.9943	0.8663	0.3612	0.9921	0.8704	0.4536
16.9	0.8502	0.7359	0.9933	0.8003	0.4416	0.9916	0.7881	0.3589
17.0	0.8502	0.7594	0.9892	0.8682	0.5040	0.9939	0.7539	0.3141
17.1	0.7169	0.7198	0.9745	0.8915	0.4989	0.9931	0.7671	0.0761
17.2	0.5774	0.6841	0.9796	0.8727	0.2761	0.9920	0.8219	0.3886
17.3	0.5206	0.6477	0.9837	0.9142	0.2783	0.9938	0.8712	0.6191
17.4	0.4258	0.5993	0.9866	0.9380	0.2449	0.9942	0.9522	0.3660
17.5	0.5715	0.5831	0.9922	0.9580	0.2804	0.9935	0.9677	0.0595
17.6	0.5294	0.5789	0.9928	0.9506	0.3183	0.9921	0.9659	0.4983
17.7	0.5378	0.5652	0.9901	0.9527	0.2464	0.9907	0.9678	0.7039
17.8	0.5493	0.5102	0.9860	0.9497	0.1755	0.9892	0.9466	0.6386
17.9	0.6908	0.4324	0.9860	0.9421	0.0832	0.9853	0.9483	0.5509
18.0	0.8021	0.3093	0.9862	0.9593	0.0614	0.9811	0.9571	0.3102
18.1	0.8399	0.3493	0.9900	0.9681	0.0708	0.9808	0.9568	0.2303
18.2	0.8179	0.3301	0.9934	0.9716	0.0881	0.9777	0.9610	0.2831
18.3	0.8605	0.3405	0.9942	0.9748	0.1636	0.9709	0.9730	0.1483
18.4	0.8692	0.4205	0.9902	0.9705	0.2667	0.9458	0.9737	0.0240
18.5	0.6173	0.3156	0.9395	0.8592	0.2978	0.4114	0.9411	0.0599
18.6	0.2152	0.6063	0.9405	0.8258	0.2804	0.7355	0.9106	0.1771
18.7	0.7167	0.7571	0.9774	0.9329	0.2423	0.9156	0.9364	0.0741
18.8	0.8630	0.8133	0.9883	0.9757	0.1326	0.9602	0.9681	0.1176
18.9	0.9189	0.8421	0.9948	0.9880	0.1678	0.9812	0.9804	0.2692
19.0	0.9480	0.8563	0.9960	0.9916	0.0532	0.9819	0.9770	0.3012
19.1	0.9183	0.8498	0.9966	0.9884	0.0420	0.9820	0.9788	0.4875
19.2	0.9087	0.7941	0.9969	0.9886	0.1008	0.9850	0.9781	0.3866
19.3	0.9299	0.8409	0.9969	0.9901	0.1552	0.9906	0.9801	0.2672
19.4	0.9449	0.8827	0.9960	0.9866	0.2902	0.9911	0.9773	0.0112
19.5	0.9497	0.8605	0.9956	0.9868	0.3914	0.9910	0.9800	0.0665
19.6	0.9644	0.8799	0.9978	0.9909	0.4706	0.9952	0.9863	0.3372
19.7	0.9503	0.8585	0.9969	0.9886	0.5049	0.9952	0.9883	0.5512
19.8	0.9543	0.8549	0.9977	0.9931	0.6221	0.9951	0.9907	0.7968
19.9	0.9561	0.7862	0.9968	0.9892	0.5774	0.9926	0.9899	0.8271
20.0	0.9616	0.7961	0.9977	0.9899	0.4858	0.9896	0.9895	0.8826
20.1	0.9759	0.8233	0.9981	0.9947	0.6361	0.9939	0.9933	0.9077
20.2	0.9745	0.7943	0.9978	0.9925	0.5452	0.9947	0.9926	0.9224
20.3	0.9623	0.8219	0.9984	0.9930	0.4255	0.9946	0.9916	0.9052
20.4	0.9560	0.7795	0.9983	0.9917	0.3593	0.9924	0.9915	0.9081
20.5	0.9411	0.7142	0.9977	0.9894	0.2499	0.9923	0.9908	0.8957
20.6	0.9327	0.5816	0.9966	0.9888	0.2722	0.9864	0.9875	0.8984
20.7	0.9465	0.6596	0.9976	0.9905	0.2594	0.9897	0.9884	0.9083
20.8	0.9443	0.5609	0.9979	0.9911	0.2735	0.9919	0.9902	0.9128
20.9	0.9390	0.3993	0.9967	0.9887	0.2466	0.9884	0.9839	0.9196
21.0	0.9115	0.3712	0.9969	0.9830	0.2050	0.9867	0.9786	0.9088
21.1	0.8975	0.3600	0.9964	0.9848	0.2182	0.9884	0.9820	0.8751
21.2	0.8735	0.2846	0.9955	0.9829	0.0891	0.9857	0.9834	0.9023
21.3	0.7809	0.2278	0.9952	0.9696	0.1379	0.9868	0.9862	0.9170
21.4	0.6249	0.2905	0.9937	0.9608	0.1776	0.9867	0.9825	0.9321
21.5	0.5894	0.3528	0.9951	0.9717	0.1273	0.9911	0.9777	0.9200
21.6	0.4453	0.1587	0.9971	0.9630	0.0262	0.9924	0.9772	0.8975
21.7	0.3877	0.1164	0.9951	0.9560	0.0743	0.9888	0.9656	0.8492
21.8	0.3871	0.2955	0.9960	0.9477	0.1773	0.9921	0.9564	0.8437
21.9	0.4468	0.0540	0.9963	0.9204	0.2205	0.9940	0.9065	0.8102
22.0	0.7194	0.1489	0.9972	0.9468	0.2629	0.9963	0.9034	0.8638
22.1	0.7902	0.1436	0.9971	0.9688	0.3494	0.9957	0.8954	0.8820
22.2	0.8937	0.1019	0.9980	0.9817	0.5252	0.9968	0.9383	0.8424
22.3	0.9267	0.0638	0.9974	0.9809	0.6203	0.9962	0.9510	0.8663
22.4	0.9006	0.3057	0.9978	0.9819	0.6861	0.9969	0.9371	0.9121
22.5	0.8972	0.3108	0.9975	0.9780	0.6055	0.9966	0.9069	0.9318
22.6	0.9267	0.2949	0.9978	0.9782	0.6230	0.9975	0.8538	0.9514
22.7	0.9244	0.2785	0.9976	0.9788	0.6876	0.9980	0.7909	0.9454
22.8	0.9362	0.4550	0.9980	0.9729	0.7288	0.9981	0.7914	0.9595
22.9	0.9236	0.4572	0.9980	0.9671	0.6459	0.9976	0.8569	0.9573
23.0	0.9326	0.4309	0.9985	0.9636	0.6158	0.9966	0.8310	0.9497
23.1	0.9341	0.3906	0.9981	0.9671	0.5579	0.9960	0.6918	0.9649
23.2	0.9476	0.5291	0.9987	0.9720	0.6028	0.9975	0.6619	0.9727
23.3	0.9488	0.5232	0.9990	0.9714	0.6741	0.9988	0.6312	0.9729
23.4	0.9304	0.5470	0.9990	0.9754	0.7235	0.9985	0.5998	0.9764
23.5	0.9277	0.6128	0.9987	0.9754	0.7817	0.9987	0.7086	0.9812
23.6	0.9279	0.5767	0.9990	0.9746	0.7708	0.9988	0.7753	0.9825
23.7	0.9133	0.2733	0.9985	0.9703	0.6222	0.9975	0.7633	0.9652
23.8	0.9212	0.3370	0.9985	0.9784	0.6696	0.9983	0.8063	0.9688
23.9	0.9480	0.3241	0.9985	0.9808	0.7349	0.9984	0.8988	0.9741
24.0	0.9403	0.2227	0.9974	0.9733	0.6371	0.9966	0.8840	0.9481
24.1	0.9265	0.2066	0.9971	0.9739	0.4613	0.9955	0.9000	0.9324
24.2	0.9374	0.1169	0.9983	0.9848	0.3623	0.9963	0.9240	0.9410
24.3	0.9292	0.0587	0.9981	0.9843	0.2740	0.9952	0.9049	0.9218
24.4	0.9158	0.2082	0.9980	0.9811	0.3184	0.9936	0.9246	0.8832
24.5	0.9095	0.2836	0.9983	0.9812	0.2990	0.9954	0.9491	0.9047
24.6	0.9081	0.3440	0.9983	0.9848	0.2915	0.9970	0.9445	0.9079
24.7	0.9326	0.4356	0.9988	0.9892	0.2710	0.9982	0.9432	0.9021
24.8	0.9425	0.4029	0.9990	0.9889	0.2927	0.9985	0.9681	0.9230
24.9	0.9194	0.4491	0.9986	0.9860	0.3180	0.9986	0.9725	0.9164
25.0	0.9150	0.5332	0.9972	0.9819	0.2894	0.9975	0.9796	0.9192
25.1	0.9325	0.5570	0.9968	0.9841	0.2902	0.9965	0.9893	0.9411

25.2	0.9429	0.6819	0.9968	0.9900	0.1981	0.9946	0.9880	0.9546
25.3	0.9434	0.7382	0.9940	0.9886	0.3311	0.9897	0.9794	0.9504
25.4	0.9500	0.7072	0.9938	0.9848	0.3590	0.9862	0.9641	0.9479
25.5	0.9504	0.6972	0.9952	0.9897	0.2530	0.9867	0.9737	0.9446
25.6	0.9404	0.7183	0.9958	0.9916	0.3575	0.9842	0.9787	0.9368
25.7	0.9517	0.7992	0.9960	0.9920	0.4795	0.9870	0.9812	0.9303
25.8	0.9516	0.7277	0.9975	0.9924	0.5026	0.9950	0.9619	0.9322
25.9	0.9563	0.7443	0.9981	0.9938	0.4618	0.9951	0.9708	0.9279
26.0	0.9599	0.7285	0.9975	0.9929	0.5142	0.9944	0.9571	0.9339
26.1	0.9580	0.7389	0.9984	0.9940	0.4320	0.9965	0.9724	0.9611
26.2	0.9610	0.7337	0.9986	0.9934	0.5487	0.9977	0.9800	0.9736
26.3	0.9615	0.6283	0.9989	0.9930	0.7048	0.9982	0.9741	0.9616
26.4	0.9686	0.7171	0.9990	0.9935	0.6039	0.9987	0.9654	0.9477
26.5	0.9618	0.5961	0.9987	0.9930	0.5744	0.9985	0.9596	0.9235
26.6	0.9465	0.3971	0.9983	0.9891	0.4361	0.9989	0.9547	0.9215
26.7	0.9575	0.2024	0.9982	0.9917	0.3306	0.9990	0.9489	0.9317
26.8	0.9494	0.1183	0.9975	0.9906	0.1763	0.9977	0.9172	0.9165
26.9	0.9580	0.2234	0.9980	0.9912	0.0500	0.9977	0.9349	0.9093
27.0	0.9586	0.5321	0.9981	0.9929	0.1307	0.9985	0.9394	0.9412
27.1	0.9660	0.6834	0.9991	0.9944	0.1281	0.9988	0.9085	0.9414
27.2	0.9703	0.7888	0.9992	0.9955	0.1837	0.9985	0.8305	0.9293
27.3	0.9701	0.8628	0.9992	0.9942	0.1508	0.9989	0.8452	0.9467
27.4	0.9708	0.8752	0.9988	0.9936	0.0810	0.9989	0.8903	0.9438
27.5	0.9761	0.9212	0.9990	0.9949	0.0435	0.9993	0.9199	0.9495
27.6	0.9715	0.9041	0.9991	0.9954	0.0351	0.9991	0.9254	0.9417
27.7	0.9705	0.9126	0.9991	0.9933	0.0785	0.9985	0.8933	0.9354
27.8	0.9705	0.9198	0.9991	0.9948	0.2738	0.9986	0.8988	0.9440
27.9	0.9658	0.9104	0.9991	0.9946	0.4886	0.9988	0.9118	0.9550
28.0	0.9611	0.9045	0.9985	0.9923	0.2941	0.9983	0.8964	0.9316
28.1	0.9669	0.8874	0.9978	0.9902	0.2042	0.9980	0.8670	0.9324
28.2	0.9705	0.8883	0.9971	0.9875	0.1719	0.9981	0.8628	0.9256
28.3	0.9815	0.9010	0.9979	0.9905	0.3944	0.9979	0.8552	0.9241
28.4	0.9845	0.9073	0.9990	0.9948	0.6246	0.9988	0.8639	0.9357
28.5	0.9866	0.8957	0.9989	0.9958	0.5495	0.9989	0.8825	0.9475
28.6	0.9854	0.8906	0.9988	0.9960	0.4432	0.9986	0.8965	0.9383
28.7	0.9850	0.8788	0.9979	0.9943	0.4392	0.9982	0.7839	0.9195
28.8	0.9838	0.8852	0.9985	0.9950	0.3547	0.9982	0.7876	0.9365
28.9	0.9826	0.8600	0.9986	0.9955	0.1465	0.9979	0.7979	0.9350
29.0	0.9844	0.8413	0.9983	0.9940	0.1313	0.9971	0.8304	0.9283
29.1	0.9865	0.8768	0.9981	0.9947	0.2083	0.9971	0.8430	0.9351
29.2	0.9887	0.8742	0.9983	0.9957	0.3224	0.9974	0.9046	0.9575
29.3	0.9887	0.8443	0.9982	0.9949	0.3609	0.9976	0.9106	0.9555
29.4	0.9858	0.7996	0.9980	0.9932	0.3409	0.9962	0.8923	0.9374
29.5	0.9795	0.8215	0.9972	0.9920	0.4117	0.9964	0.8891	0.9293
29.6	0.9816	0.8451	0.9979	0.9932	0.5886	0.9969	0.9293	0.9364
29.7	0.9873	0.8405	0.9983	0.9952	0.6218	0.9977	0.9489	0.9487
29.8	0.9828	0.8577	0.9976	0.9921	0.5753	0.9970	0.9295	0.9360
29.9	0.9765	0.7150	0.9920	0.9763	0.6336	0.9910	0.8347	0.8926
30.0	0.9826	0.8089	0.9963	0.9869	0.7734	0.9954	0.9030	0.9218
30.1	0.9799	0.8372	0.9981	0.9912	0.7462	0.9976	0.9532	0.9254
30.2	0.9687	0.8199	0.9973	0.9883	0.7362	0.9980	0.9553	0.9215
30.3	0.9568	0.7751	0.9962	0.9871	0.7097	0.9980	0.9673	0.9258
30.4	0.9684	0.6255	0.9958	0.9858	0.5148	0.9978	0.9618	0.9090
30.5	0.9805	0.5882	0.9965	0.9880	0.4985	0.9974	0.9698	0.9116
30.6	0.9775	0.7131	0.9968	0.9892	0.5348	0.9965	0.9670	0.8871
30.7	0.9761	0.8002	0.9959	0.9860	0.6171	0.9957	0.9531	0.8427
30.8	0.9810	0.8419	0.9967	0.9840	0.7180	0.9951	0.9463	0.7916
30.9	0.9911	0.8931	0.9980	0.9860	0.7611	0.9962	0.9566	0.8107
31.0	0.9905	0.8942	0.9975	0.9863	0.8235	0.9952	0.9556	0.7733
31.1	0.9876	0.8935	0.9958	0.9788	0.8323	0.9936	0.9531	0.7387
31.2	0.9857	0.8985	0.9965	0.9803	0.8562	0.9957	0.9552	0.6450
31.3	0.9885	0.9160	0.9965	0.9816	0.8442	0.9965	0.9680	0.5236
31.4	0.9840	0.8558	0.9951	0.9738	0.8152	0.9949	0.9511	0.3467
31.5	0.9838	0.8577	0.9949	0.9714	0.8437	0.9948	0.9497	0.2898
31.6	0.9834	0.8530	0.9947	0.9762	0.8180	0.9951	0.9575	0.4059
31.7	0.9769	0.8523	0.9945	0.9714	0.7543	0.9925	0.9556	0.3595
31.8	0.9637	0.7759	0.9883	0.9532	0.7237	0.9870	0.9118	0.2341
31.9	0.9798	0.8592	0.9914	0.9699	0.8290	0.9939	0.9519	0.5531
32.0	0.9800	0.8615	0.9929	0.9700	0.8300	0.9953	0.9599	0.6592
32.1	0.9752	0.8436	0.9912	0.9660	0.8066	0.9934	0.9621	0.6632
32.2	0.9684	0.7986	0.9891	0.9642	0.7409	0.9945	0.9566	0.5886
32.3	0.9665	0.7987	0.9857	0.9657	0.7112	0.9932	0.9444	0.5877
32.4	0.9509	0.7961	0.9829	0.9642	0.6770	0.9909	0.9475	0.5821
32.5	0.9655	0.8483	0.9850	0.9739	0.7467	0.9909	0.9425	0.6882
32.6	0.9787	0.8797	0.9929	0.9817	0.8254	0.9946	0.9587	0.7498
32.7	0.9768	0.8788	0.9928	0.9842	0.7481	0.9936	0.9587	0.7104
32.8	0.9745	0.8529	0.9938	0.9844	0.6286	0.9929	0.9529	0.6547
32.9	0.9789	0.8321	0.9943	0.9847	0.6781	0.9938	0.9623	0.6311
33.0	0.9804	0.7878	0.9938	0.9845	0.6852	0.9915	0.9498	0.5822
33.1	0.9866	0.8083	0.9950	0.9902	0.7188	0.9937	0.9515	0.5743
33.2	0.9875	0.7555	0.9935	0.9872	0.6743	0.9935	0.9470	0.6694
33.3	0.9817	0.6412	0.9908	0.9784	0.4869	0.9892	0.9169	0.5794
33.4	0.9880	0.7072	0.9915	0.9818	0.2051	0.9926	0.9339	0.4805
33.5	0.9844	0.7624	0.9912	0.9852	0.0383	0.9922	0.9402	0.4379
33.6	0.9933	0.8828	0.9949	0.9930	0.0644	0.9955	0.9592	0.4725
33.7	0.9912	0.8836	0.9931	0.9917	0.2020	0.9938	0.9490	0.4094

33.8	0.9905	0.8416	0.9923	0.9911	0.3284	0.9944	0.9289	0.1266
33.9	0.9923	0.8535	0.9919	0.9930	0.4103	0.9955	0.9097	0.0481
34.0	0.9930	0.8546	0.9877	0.9925	0.4847	0.9942	0.9116	0.0477
34.1	0.9928	0.8320	0.9849	0.9923	0.5563	0.9930	0.9278	0.0491
34.2	0.9940	0.8378	0.9869	0.9933	0.6861	0.9931	0.9341	0.1219
34.3	0.9941	0.8285	0.9851	0.9910	0.6219	0.9907	0.9215	0.1906
34.4	0.9923	0.7729	0.9755	0.9900	0.6590	0.9872	0.9098	0.0437
34.5	0.9930	0.8003	0.9803	0.9919	0.7267	0.9898	0.9087	0.0273
34.6	0.9936	0.7933	0.9797	0.9914	0.7281	0.9897	0.9073	0.0186
34.7	0.9920	0.7258	0.9736	0.9908	0.7026	0.9863	0.8940	0.1111
34.8	0.9934	0.7870	0.9822	0.9917	0.7507	0.9900	0.9177	0.1517
34.9	0.9943	0.8187	0.9885	0.9905	0.8061	0.9901	0.9317	0.2948
35.0	0.9944	0.7959	0.9848	0.9909	0.8263	0.9893	0.9198	0.4466
35.1	0.9918	0.7990	0.9847	0.9910	0.7760	0.9903	0.9339	0.6112
35.2	0.9903	0.7811	0.9878	0.9906	0.7920	0.9904	0.9407	0.6904
35.3	0.9864	0.6764	0.9777	0.9838	0.7337	0.9884	0.9427	0.6700
35.4	0.9936	0.7543	0.9881	0.9938	0.8531	0.9941	0.9637	0.8085
35.5	0.9953	0.7954	0.9905	0.9952	0.8777	0.9968	0.9619	0.8749
35.6	0.9931	0.7885	0.9886	0.9933	0.9139	0.9970	0.9605	0.8817
35.7	0.9955	0.7950	0.9880	0.9950	0.8850	0.9966	0.9707	0.9048
35.8	0.9945	0.7786	0.9847	0.9940	0.8628	0.9959	0.9775	0.9172
35.9	0.9948	0.7756	0.9848	0.9939	0.8896	0.9959	0.9835	0.9220
36.0	0.9938	0.7911	0.9851	0.9929	0.9064	0.9962	0.9793	0.9280
36.1	0.9928	0.7433	0.9815	0.9899	0.8798	0.9956	0.9701	0.9052
36.2	0.9933	0.6872	0.9771	0.9889	0.8743	0.9945	0.9680	0.9095
36.3	0.9947	0.7330	0.9793	0.9924	0.9037	0.9967	0.9694	0.9245
36.4	0.9931	0.6358	0.9774	0.9915	0.9047	0.9968	0.9754	0.9328
36.5	0.9943	0.7199	0.9830	0.9924	0.9101	0.9972	0.9855	0.9671
36.6	0.9952	0.7298	0.9866	0.9923	0.9313	0.9968	0.9841	0.9682
36.7	0.9949	0.6626	0.9875	0.9926	0.9350	0.9973	0.9837	0.9734
36.8	0.9955	0.7080	0.9899	0.9936	0.9159	0.9974	0.9847	0.9711
36.9	0.9927	0.6341	0.9905	0.9892	0.9306	0.9960	0.9862	0.9748
37.0	0.9950	0.5838	0.9945	0.9915	0.9510	0.9970	0.9893	0.9814
37.1	0.9935	0.5469	0.9925	0.9894	0.9461	0.9969	0.9859	0.9777
37.2	0.9933	0.5549	0.9931	0.9891	0.9464	0.9960	0.9830	0.9813
37.3	0.9914	0.5587	0.9932	0.9879	0.9344	0.9966	0.9817	0.9812
37.4	0.9937	0.7218	0.9939	0.9904	0.9385	0.9972	0.9807	0.9797
37.5	0.9896	0.7860	0.9952	0.9856	0.9657	0.9961	0.9849	0.9843
37.6	0.9937	0.8328	0.9941	0.9909	0.9560	0.9963	0.9847	0.9779
37.7	0.9944	0.8929	0.9931	0.9926	0.9549	0.9953	0.9832	0.9746
37.8	0.9951	0.9322	0.9944	0.9932	0.9594	0.9955	0.9785	0.9779
37.9	0.9941	0.9426	0.9933	0.9914	0.9378	0.9947	0.9781	0.9752
38.0	0.9940	0.9546	0.9933	0.9921	0.9456	0.9946	0.9804	0.9761
38.1	0.9935	0.9692	0.9927	0.9922	0.9404	0.9935	0.9784	0.9776
38.2	0.9964	0.9777	0.9930	0.9943	0.9546	0.9946	0.9864	0.9752
38.3	0.9958	0.9744	0.9917	0.9920	0.9370	0.9927	0.9822	0.9737
38.4	0.9957	0.9774	0.9925	0.9906	0.9175	0.9944	0.9826	0.9756
38.5	0.9961	0.9824	0.9908	0.9912	0.9155	0.9944	0.9860	0.9665
38.6	0.9950	0.9831	0.9950	0.9899	0.9373	0.9949	0.9858	0.9652
38.7	0.9964	0.9854	0.9944	0.9930	0.9355	0.9958	0.9884	0.9742
38.8	0.9965	0.9867	0.9955	0.9935	0.9386	0.9964	0.9884	0.9738
38.9	0.9967	0.9871	0.9971	0.9941	0.9328	0.9967	0.9814	0.9812
39.0	0.9961	0.9850	0.9962	0.9922	0.9324	0.9967	0.9817	0.9753
39.1	0.9965	0.9843	0.9970	0.9929	0.9448	0.9974	0.9838	0.9745
39.2	0.9954	0.9854	0.9982	0.9907	0.9331	0.9978	0.9769	0.9703
39.3	0.9967	0.9857	0.9981	0.9931	0.9272	0.9984	0.9805	0.9748
39.4	0.9954	0.9812	0.9963	0.9919	0.8877	0.9977	0.9779	0.9568
39.5	0.9950	0.9855	0.9973	0.9913	0.9324	0.9973	0.9807	0.9629
39.6	0.9946	0.9815	0.9976	0.9891	0.9495	0.9975	0.9758	0.9309
39.7	0.9943	0.9810	0.9975	0.9898	0.9368	0.9964	0.9718	0.8762
39.8	0.9954	0.9823	0.9975	0.9924	0.9552	0.9965	0.9750	0.8719
39.9	0.9951	0.9810	0.9973	0.9907	0.9608	0.9964	0.9740	0.8561
40.0	0.9957	0.9815	0.9977	0.9921	0.9585	0.9971	0.9788	0.8294
40.1	0.9955	0.9826	0.9977	0.9919	0.9547	0.9966	0.9760	0.7457
40.2	0.9960	0.9751	0.9982	0.9923	0.9687	0.9971	0.9659	0.5429
40.3	0.9970	0.9705	0.9968	0.9938	0.9704	0.9966	0.9542	0.2854
40.4	0.9963	0.9542	0.9967	0.9929	0.9700	0.9968	0.9449	0.1365
40.5	0.9970	0.9769	0.9982	0.9948	0.9612	0.9982	0.9408	0.6065
40.6	0.9971	0.9836	0.9982	0.9939	0.9433	0.9981	0.9276	0.8235
40.7	0.9955	0.9800	0.9978	0.9916	0.9539	0.9976	0.9121	0.8745
40.8	0.9960	0.9768	0.9976	0.9940	0.9729	0.9978	0.9311	0.9044
40.9	0.9976	0.9834	0.9975	0.9958	0.9815	0.9980	0.9565	0.9363
41.0	0.9967	0.9795	0.9966	0.9953	0.9664	0.9972	0.9556	0.9160
41.1	0.9958	0.9722	0.9965	0.9926	0.9712	0.9954	0.9634	0.9359
41.2	0.9962	0.9790	0.9964	0.9948	0.9799	0.9948	0.9785	0.9615
41.3	0.9963	0.9783	0.9936	0.9953	0.9820	0.9903	0.9792	0.9567
41.4	0.9964	0.9834	0.9892	0.9943	0.9816	0.9847	0.9687	0.9525
41.5	0.9961	0.9705	0.9908	0.9952	0.9816	0.9908	0.9629	0.9493
41.6	0.9956	0.9553	0.9958	0.9964	0.9788	0.9951	0.9745	0.9665
41.7	0.9966	0.9442	0.9948	0.9954	0.9758	0.9940	0.9666	0.9621
41.8	0.9935	0.8978	0.9931	0.9936	0.9785	0.9866	0.9624	0.9722
41.9	0.9932	0.8563	0.9964	0.9932	0.9780	0.9854	0.9573	0.9839
42.0	0.9966	0.9639	0.9940	0.9952	0.9697	0.9899	0.9636	0.9726
42.1	0.9974	0.9853	0.9916	0.9963	0.9757	0.9903	0.9605	0.9685
42.2	0.9979	0.9847	0.9909	0.9950	0.9726	0.9952	0.9619	0.9755
42.3	0.9970	0.9791	0.9882	0.9919	0.9587	0.9942	0.9416	0.9596

42.4	0.9970	0.9859	0.9939	0.9947	0.9653	0.9931	0.9373	0.9609
42.5	0.9973	0.9852	0.9931	0.9952	0.9569	0.9929	0.9491	0.9748
42.6	0.9973	0.9709	0.9930	0.9947	0.9424	0.9953	0.9428	0.9757
42.7	0.9938	0.9148	0.9886	0.9925	0.9543	0.9945	0.9323	0.9607
42.8	0.9904	0.7898	0.9831	0.9924	0.9680	0.9962	0.8450	0.9347
42.9	0.9928	0.8874	0.9884	0.9933	0.9527	0.9967	0.8700	0.9495
43.0	0.9955	0.9499	0.9963	0.9946	0.9480	0.9931	0.9239	0.9673
43.1	0.9966	0.9602	0.9933	0.9953	0.9483	0.9925	0.9404	0.9575
43.2	0.9976	0.8634	0.9816	0.9968	0.9351	0.9729	0.9053	0.8689
43.3	0.9963	0.9139	0.9851	0.9952	0.8993	0.9277	0.8203	0.7281
43.4	0.9950	0.9631	0.9916	0.9937	0.8834	0.9607	0.8042	0.9287
43.5	0.9902	0.9648	0.9943	0.9903	0.9058	0.9756	0.9043	0.9595
43.6	0.9898	0.9735	0.9951	0.9904	0.9478	0.9788	0.9467	0.9608
43.7	0.9952	0.9895	0.9933	0.9941	0.9684	0.9874	0.9664	0.9572
43.8	0.9961	0.9809	0.9914	0.9944	0.9622	0.9879	0.9688	0.9531
43.9	0.9968	0.9767	0.9813	0.9945	0.9523	0.9803	0.9668	0.9573
44.0	0.9957	0.9442	0.9839	0.9953	0.8981	0.9781	0.9544	0.9509
44.1	0.9940	0.9201	0.9845	0.9920	0.8014	0.9664	0.9506	0.9198
44.2	0.9907	0.9257	0.9568	0.9871	0.9088	0.9730	0.9492	0.9282
44.3	0.9914	0.9520	0.9401	0.9896	0.9531	0.9767	0.9673	0.9406
44.4	0.9915	0.9784	0.9579	0.9916	0.9580	0.9723	0.9701	0.9296
44.5	0.9933	0.9555	0.9678	0.9921	0.9518	0.9826	0.9704	0.9338
44.6	0.9863	0.9188	0.9652	0.9861	0.9458	0.9736	0.9582	0.9185
44.7	0.9888	0.9230	0.9715	0.9870	0.9496	0.9800	0.9685	0.9394
44.8	0.9893	0.9253	0.9571	0.9877	0.9199	0.9294	0.9717	0.9357
44.9	0.9888	0.9126	0.9016	0.9849	0.9209	0.9218	0.9617	0.9348
45.0	0.9811	0.9358	0.8535	0.9697	0.9382	0.9614	0.9474	0.9385
45.1	0.9802	0.9095	0.8459	0.9658	0.9479	0.9627	0.9553	0.9365
45.2	0.9823	0.9243	0.8911	0.9747	0.9483	0.9671	0.9568	0.9413
45.3	0.9743	0.9641	0.8022	0.9673	0.9485	0.9473	0.9558	0.9003
45.4	0.9723	0.9545	0.8375	0.9668	0.9298	0.9374	0.9363	0.8912
45.5	0.9690	0.9575	0.7918	0.9538	0.8662	0.9447	0.9077	0.9290
45.6	0.9612	0.9687	0.6764	0.9437	0.8758	0.9257	0.9016	0.8954
45.7	0.9391	0.9773	0.6601	0.9062	0.8943	0.9414	0.9125	0.8748
45.8	0.9409	0.9692	0.6529	0.9023	0.8801	0.9517	0.9017	0.8990
45.9	0.9534	0.9609	0.6081	0.9281	0.8943	0.9668	0.9274	0.9288
46.0	0.9543	0.9453	0.6985	0.9334	0.9040	0.9750	0.9238	0.9340
46.1	0.9249	0.9366	0.7117	0.8907	0.8764	0.9683	0.8986	0.8920
46.2	0.9304	0.9524	0.7540	0.9080	0.8578	0.9667	0.9083	0.9037
46.3	0.9272	0.9268	0.6394	0.9010	0.7703	0.9528	0.9234	0.9195
46.4	0.9252	0.8919	0.7241	0.8874	0.7981	0.9608	0.9236	0.9526
46.5	0.9400	0.8794	0.8350	0.8762	0.8677	0.9685	0.9485	0.9587
46.6	0.9493	0.9526	0.8689	0.8948	0.9017	0.9725	0.9552	0.9648
46.7	0.9536	0.9851	0.8837	0.9110	0.9338	0.9726	0.9660	0.9584
46.8	0.9537	0.9856	0.8778	0.9220	0.9152	0.9750	0.9650	0.9611
46.9	0.9670	0.9884	0.9013	0.9498	0.9315	0.9782	0.9760	0.9740
47.0	0.9659	0.9607	0.8973	0.9547	0.9339	0.9687	0.9702	0.9699
47.1	0.9682	0.9597	0.9188	0.9619	0.9351	0.9663	0.9590	0.9670
47.2	0.9841	0.9766	0.9376	0.9781	0.9362	0.9762	0.9724	0.9728
47.3	0.9866	0.9726	0.9093	0.9806	0.9305	0.9751	0.9711	0.9722
47.4	0.9879	0.9497	0.8787	0.9840	0.9002	0.9551	0.9569	0.9506
47.5	0.9820	0.9347	0.8351	0.9806	0.8594	0.9286	0.9499	0.9242
47.6	0.9879	0.9539	0.8888	0.9874	0.8651	0.9322	0.9536	0.9279
47.7	0.9898	0.9273	0.8768	0.9917	0.8914	0.9176	0.9459	0.9086
47.8	0.9887	0.9222	0.9150	0.9884	0.9237	0.9384	0.9562	0.9264
47.9	0.9876	0.9372	0.9382	0.9904	0.9284	0.9536	0.9572	0.9373
48.0	0.9903	0.9506	0.9423	0.9936	0.9180	0.9496	0.9574	0.9294
48.1	0.9908	0.9404	0.9449	0.9945	0.9112	0.9441	0.9424	0.9210
48.2	0.9889	0.9058	0.9441	0.9932	0.9078	0.9490	0.9377	0.9151
48.3	0.9881	0.8967	0.9341	0.9916	0.8812	0.9549	0.9303	0.9223
48.4	0.9835	0.9104	0.9426	0.9891	0.8380	0.9638	0.9354	0.9417
48.5	0.9833	0.9194	0.9488	0.9888	0.8831	0.9575	0.9359	0.9412
48.6	0.9878	0.9371	0.9612	0.9923	0.8593	0.9645	0.9229	0.9457
48.7	0.9922	0.9343	0.9696	0.9940	0.8622	0.9657	0.8604	0.9432
48.8	0.9922	0.9133	0.9635	0.9928	0.8370	0.9577	0.8147	0.9282
48.9	0.9891	0.8907	0.9614	0.9878	0.6984	0.9503	0.8253	0.9123
49.0	0.9881	0.9328	0.9723	0.9876	0.6827	0.9629	0.8449	0.9367
49.1	0.9849	0.9138	0.9733	0.9849	0.7590	0.9661	0.8322	0.9378
49.2	0.9915	0.9318	0.9796	0.9919	0.7337	0.9778	0.9130	0.9620
49.3	0.9921	0.9513	0.9828	0.9918	0.7880	0.9816	0.8854	0.9630
49.4	0.9850	0.8869	0.9550	0.9823	0.7498	0.9444	0.8281	0.9068
49.5	0.9769	0.8410	0.9354	0.9708	0.7060	0.9097	0.7892	0.8549
49.6	0.9588	0.7911	0.9221	0.9488	0.5719	0.8878	0.7851	0.8173
49.7	0.9529	0.8469	0.9372	0.9496	0.6159	0.9175	0.7155	0.8588
49.8	0.9773	0.9106	0.9621	0.9792	0.6409	0.9523	0.7041	0.9132
49.9	0.9870	0.9192	0.9631	0.9892	0.4461	0.9544	0.8151	0.8985
50.0	0.9796	0.8959	0.9646	0.9733	0.4294	0.9397	0.8790	0.8823
50.1	0.9832	0.9064	0.9704	0.9771	0.5548	0.9460	0.8867	0.9026
50.2	0.9765	0.8263	0.9504	0.9675	0.5069	0.9027	0.8316	0.8199
50.3	0.9860	0.8442	0.9596	0.9762	0.2847	0.9017	0.8292	0.7979
50.4	0.9889	0.8566	0.9699	0.9808	0.0811	0.9360	0.8671	0.8492
50.5	0.9924	0.8856	0.9868	0.9917	0.2017	0.9867	0.8489	0.9594
50.6	0.9867	0.8452	0.9834	0.9838	0.0232	0.9659	0.7618	0.9257
50.7	0.9835	0.8527	0.9802	0.9760	0.1785	0.9501	0.7908	0.8804
50.8	0.9853	0.8601	0.9832	0.9809	0.3691	0.9578	0.7672	0.8929
50.9	0.9702	0.8338	0.9706	0.9565	0.3492	0.9234	0.5883	0.8523

51.0	0.9721	0.8296	0.9670	0.9526	0.3628	0.9112	0.5294	0.8219
51.1	0.9914	0.8593	0.9917	0.9902	0.5163	0.9785	0.7169	0.9360
51.2	0.9866	0.6528	0.9795	0.9859	0.5989	0.9356	0.6579	0.8429
51.3	0.9882	0.5490	0.9793	0.9812	0.6142	0.9358	0.5898	0.8340
51.4	0.9883	0.8000	0.9760	0.9782	0.5224	0.9269	0.4877	0.8322
51.5	0.9932	0.8649	0.9829	0.9870	0.5706	0.9627	0.6094	0.8923
51.6	0.9923	0.8735	0.9899	0.9886	0.6011	0.9792	0.4439	0.9273
51.7	0.9938	0.6370	0.9923	0.9894	0.6312	0.9783	0.4216	0.9404
51.8	0.9923	0.7492	0.9895	0.9877	0.5837	0.9791	0.5186	0.9230
51.9	0.9942	0.7976	0.9903	0.9899	0.5746	0.9745	0.6023	0.9338
52.0	0.9938	0.6080	0.9882	0.9914	0.6111	0.9694	0.5803	0.9401
52.1	0.9961	0.8609	0.9900	0.9943	0.6756	0.9777	0.6899	0.9422
52.2	0.9959	0.8665	0.9790	0.9937	0.5474	0.9607	0.5915	0.8993
52.3	0.9940	0.8446	0.9819	0.9922	0.4276	0.9658	0.5761	0.8976
52.4	0.9942	0.6527	0.9801	0.9904	0.3780	0.9570	0.5334	0.8689
52.5	0.9943	0.6969	0.9850	0.9902	0.0428	0.9660	0.4709	0.8985
52.6	0.9962	0.8340	0.9853	0.9954	0.2670	0.9626	0.4372	0.9236
52.7	0.9955	0.6909	0.9827	0.9953	0.5420	0.9477	0.5257	0.9326
52.8	0.9965	0.4812	0.9810	0.9943	0.7455	0.9537	0.6429	0.9304
52.9	0.9954	0.2842	0.9754	0.9921	0.7597	0.9465	0.7066	0.9146
53.0	0.9963	0.6546	0.9835	0.9959	0.6834	0.9759	0.7943	0.9511
53.1	0.9961	0.8295	0.9771	0.9939	0.4455	0.9496	0.7455	0.9217
53.2	0.9970	0.8399	0.9834	0.9961	0.3023	0.9623	0.7595	0.9438
53.3	0.9947	0.4061	0.9735	0.9952	0.5432	0.9253	0.8334	0.9003
53.4	0.9967	0.1527	0.9784	0.9965	0.7050	0.9216	0.8884	0.8988
53.5	0.9967	0.7616	0.9789	0.9965	0.7049	0.9369	0.8240	0.9076
53.6	0.9971	0.9239	0.9769	0.9961	0.5972	0.9494	0.6753	0.9174
53.7	0.9955	0.9082	0.9768	0.9932	0.5230	0.9411	0.6648	0.8801
53.8	0.9968	0.9052	0.9781	0.9963	0.5994	0.9424	0.6676	0.8757
53.9	0.9968	0.9062	0.9792	0.9960	0.6235	0.9423	0.5742	0.9134
54.0	0.9952	0.9086	0.9861	0.9945	0.5071	0.9561	0.5016	0.9304
54.1	0.9932	0.8043	0.9836	0.9932	0.2463	0.9573	0.5671	0.9188
54.2	0.9949	0.7671	0.9858	0.9952	0.0161	0.9657	0.7483	0.9410
54.3	0.9926	0.8588	0.9833	0.9951	0.0454	0.9605	0.7927	0.9470
54.4	0.9945	0.8620	0.9815	0.9957	0.0309	0.9537	0.7930	0.9457
54.5	0.9938	0.8636	0.9817	0.9956	0.0824	0.9433	0.8200	0.9238
54.6	0.9947	0.8086	0.9813	0.9965	0.1864	0.9398	0.8689	0.9539
54.7	0.9951	0.8173	0.9850	0.9954	0.1735	0.9589	0.9075	0.9609
54.8	0.9954	0.8618	0.9858	0.9951	0.1318	0.9563	0.8949	0.9549
54.9	0.9959	0.9016	0.9865	0.9964	0.0313	0.9518	0.8927	0.9451
55.0	0.9947	0.9145	0.9851	0.9950	0.0021	0.9396	0.9014	0.9487
55.1	0.9959	0.9246	0.9923	0.9960	0.0156	0.9570	0.9282	0.9593
55.2	0.9956	0.8955	0.9853	0.9959	0.0295	0.9407	0.9325	0.9570
55.3	0.9962	0.9152	0.9823	0.9963	0.0859	0.9227	0.9363	0.9588
55.4	0.9948	0.8614	0.9804	0.9947	0.2909	0.9165	0.9315	0.9589
55.5	0.9945	0.7655	0.9901	0.9946	0.5225	0.9436	0.9343	0.9574
55.6	0.9959	0.8455	0.9894	0.9959	0.5076	0.9315	0.9345	0.9534
55.7	0.9963	0.8931	0.9892	0.9964	0.4790	0.9298	0.9497	0.9635
55.8	0.9960	0.8705	0.9872	0.9958	0.5815	0.8804	0.9426	0.9534
55.9	0.9944	0.9012	0.9856	0.9944	0.5210	0.8596	0.9255	0.9274
56.0	0.9953	0.9218	0.9860	0.9963	0.5278	0.8688	0.9419	0.9453
56.1	0.9936	0.9273	0.9870	0.9952	0.3623	0.9149	0.9267	0.9327
56.2	0.9933	0.9335	0.9905	0.9960	0.5056	0.9332	0.9439	0.9513
56.3	0.9939	0.9395	0.9911	0.9957	0.5200	0.9130	0.9489	0.9636
56.4	0.9923	0.9219	0.9877	0.9944	0.4550	0.8696	0.9414	0.9641
56.5	0.9924	0.8785	0.9857	0.9951	0.4883	0.8196	0.9454	0.9561
56.6	0.9959	0.9302	0.9915	0.9974	0.6814	0.8743	0.9687	0.9724
56.7	0.9962	0.9354	0.9925	0.9972	0.6931	0.8781	0.9660	0.9699
56.8	0.9939	0.9143	0.9873	0.9951	0.6088	0.8695	0.9523	0.9520
56.9	0.9927	0.8932	0.9839	0.9941	0.6834	0.8043	0.9385	0.9424
57.0	0.9921	0.9107	0.9851	0.9946	0.6147	0.8196	0.9567	0.9700
57.1	0.9939	0.9251	0.9855	0.9951	0.5461	0.8244	0.9588	0.9631
57.2	0.9903	0.9351	0.9836	0.9940	0.3400	0.8307	0.9308	0.9384
57.3	0.9837	0.9233	0.9878	0.9927	0.3731	0.8236	0.9266	0.9227
57.4	0.9900	0.9391	0.9916	0.9941	0.6080	0.8376	0.9602	0.9548
57.5	0.9865	0.9231	0.9893	0.9910	0.4889	0.8022	0.9560	0.9548
57.6	0.9830	0.9347	0.9918	0.9925	0.5258	0.8485	0.9608	0.9635
57.7	0.9858	0.9359	0.9921	0.9928	0.5478	0.8462	0.9565	0.9565
57.8	0.9886	0.9420	0.9921	0.9930	0.4507	0.8868	0.9623	0.9638
57.9	0.9873	0.9506	0.9916	0.9917	0.5107	0.8867	0.9604	0.9711
58.0	0.9828	0.9610	0.9928	0.9922	0.6328	0.9029	0.9618	0.9668
58.1	0.9833	0.9487	0.9925	0.9916	0.7293	0.9066	0.9587	0.9642
58.2	0.9757	0.9096	0.9908	0.9915	0.6306	0.9096	0.9555	0.9551
58.3	0.9806	0.9568	0.9929	0.9933	0.4399	0.9039	0.9717	0.9614
58.4	0.9821	0.9658	0.9925	0.9915	0.2801	0.8778	0.9700	0.9694
58.5	0.9833	0.9590	0.9887	0.9888	0.2303	0.8672	0.9601	0.9566
58.6	0.9795	0.9708	0.9924	0.9902	0.3676	0.8990	0.9688	0.9669
58.7	0.9704	0.9733	0.9936	0.9896	0.5458	0.9020	0.9728	0.9675
58.8	0.9701	0.9743	0.9932	0.9894	0.5878	0.8802	0.9725	0.9672
58.9	0.9781	0.9670	0.9942	0.9873	0.5922	0.9101	0.9721	0.9707
59.0	0.9727	0.9320	0.9896	0.9857	0.5268	0.8968	0.9541	0.9526
59.1	0.9810	0.9703	0.9912	0.9921	0.7112	0.8844	0.9708	0.9618
59.2	0.9812	0.9726	0.9938	0.9898	0.7616	0.9014	0.9725	0.9686
59.3	0.9827	0.9722	0.9943	0.9900	0.8096	0.9223	0.9739	0.9675
59.4	0.9872	0.9752	0.9942	0.9915	0.7914	0.9176	0.9789	0.9695
59.5	0.9881	0.9703	0.9931	0.9916	0.7300	0.9173	0.9739	0.9609

59.6	0.9915	0.9766	0.9950	0.9924	0.7207	0.9220	0.9823	0.9768
59.7	0.9911	0.9783	0.9940	0.9925	0.6270	0.8884	0.9793	0.9742
59.8	0.9917	0.9799	0.9928	0.9921	0.5626	0.8180	0.9744	0.9667
59.9	0.9898	0.9646	0.9777	0.9885	0.4772	0.7473	0.9473	0.9417
60.0	0.9912	0.9603	0.9567	0.9837	0.4554	0.6934	0.9474	0.9546
60.1	0.9952	0.9774	0.9846	0.9929	0.4839	0.5650	0.9735	0.9697
60.2	0.9954	0.9757	0.9903	0.9942	0.4028	0.5060	0.9751	0.9606
60.3	0.9946	0.9746	0.9918	0.9947	0.5142	0.5907	0.9782	0.9639
60.4	0.9955	0.9765	0.9922	0.9949	0.5024	0.6571	0.9835	0.9712
60.5	0.9952	0.9721	0.9907	0.9946	0.4033	0.7006	0.9821	0.9690
60.6	0.9943	0.9715	0.9909	0.9935	0.4356	0.7228	0.9750	0.9546
60.7	0.9944	0.9672	0.9914	0.9939	0.4677	0.7724	0.9705	0.9490
60.8	0.9957	0.9587	0.9875	0.9951	0.4212	0.8329	0.9738	0.9603
60.9	0.9968	0.9727	0.9918	0.9956	0.5727	0.8791	0.9829	0.9713
61.0	0.9956	0.9641	0.9884	0.9947	0.5979	0.8956	0.9753	0.9596
61.1	0.9952	0.9539	0.9883	0.9932	0.6648	0.8937	0.9739	0.9479
61.2	0.9957	0.9429	0.9857	0.9937	0.6253	0.9066	0.9657	0.9376
61.3	0.9947	0.9346	0.9890	0.9941	0.5799	0.9322	0.9646	0.9426
61.4	0.9939	0.9358	0.9883	0.9943	0.5725	0.9370	0.9671	0.9483
61.5	0.9955	0.9555	0.9886	0.9953	0.5706	0.9496	0.9758	0.9532
61.6	0.9961	0.9407	0.9906	0.9956	0.5143	0.9594	0.9709	0.9562
61.7	0.9941	0.9135	0.9908	0.9936	0.5002	0.9569	0.9531	0.9400
61.8	0.9956	0.9448	0.9917	0.9951	0.5266	0.9656	0.9670	0.9419
61.9	0.9957	0.9223	0.9915	0.9963	0.5989	0.9648	0.9691	0.9575
62.0	0.9967	0.9202	0.9939	0.9973	0.6667	0.9766	0.9723	0.9621
62.1	0.9960	0.9232	0.9940	0.9975	0.6570	0.9771	0.9639	0.9562
62.2	0.9965	0.9460	0.9938	0.9978	0.5669	0.9814	0.9684	0.9558
62.3	0.9962	0.9490	0.9937	0.9966	0.5238	0.9866	0.9634	0.9433
62.4	0.9961	0.9542	0.9929	0.9965	0.4630	0.9841	0.9517	0.9309
62.5	0.9964	0.9599	0.9933	0.9962	0.2461	0.9791	0.9614	0.9475
62.6	0.9970	0.9637	0.9941	0.9971	0.2998	0.9850	0.9651	0.9611
62.7	0.9952	0.9546	0.9953	0.9971	0.4602	0.9895	0.9713	0.9538
62.8	0.9950	0.9586	0.9949	0.9963	0.4162	0.9865	0.9632	0.9396
62.9	0.9958	0.9687	0.9946	0.9969	0.3338	0.9884	0.9647	0.9350
63.0	0.9963	0.9720	0.9957	0.9970	0.2905	0.9919	0.9606	0.9304
63.1	0.9946	0.9645	0.9943	0.9953	0.3548	0.9905	0.9468	0.9317
63.2	0.9944	0.9652	0.9932	0.9952	0.3503	0.9916	0.9377	0.9451
63.3	0.9958	0.9717	0.9953	0.9965	0.3793	0.9932	0.9409	0.9533
63.4	0.9954	0.9682	0.9958	0.9968	0.3468	0.9935	0.9342	0.9497
63.5	0.9938	0.9632	0.9945	0.9955	0.2617	0.9919	0.9247	0.9453
63.6	0.9955	0.9765	0.9968	0.9967	0.5011	0.9957	0.9445	0.9634
63.7	0.9951	0.9762	0.9959	0.9953	0.4664	0.9963	0.9185	0.9530
63.8	0.9925	0.9586	0.9924	0.9919	0.2981	0.9941	0.8471	0.9199
63.9	0.9894	0.9498	0.9906	0.9890	0.3443	0.9916	0.7439	0.9156
64.0	0.9942	0.9693	0.9944	0.9938	0.4487	0.9949	0.8015	0.9457
64.1	0.9965	0.9714	0.9961	0.9969	0.5803	0.9962	0.7851	0.9464
64.2	0.9942	0.9662	0.9946	0.9953	0.5713	0.9959	0.7058	0.9376
64.3	0.9930	0.9685	0.9947	0.9948	0.6280	0.9952	0.6689	0.9460
64.4	0.9944	0.9676	0.9945	0.9951	0.6644	0.9952	0.6541	0.9469
64.5	0.9938	0.9649	0.9926	0.9933	0.6158	0.9935	0.5422	0.9394
64.6	0.9925	0.9625	0.9935	0.9932	0.5963	0.9944	0.4916	0.9498
64.7	0.9902	0.9530	0.9941	0.9919	0.6537	0.9952	0.4119	0.9429
64.8	0.9931	0.9642	0.9960	0.9944	0.7292	0.9970	0.5614	0.9493
64.9	0.9930	0.9514	0.9956	0.9945	0.7381	0.9969	0.6817	0.9545
65.0	0.9934	0.9573	0.9941	0.9947	0.7842	0.9956	0.7232	0.9573
65.1	0.9896	0.9421	0.9896	0.9903	0.7506	0.9921	0.8095	0.9524
65.2	0.9896	0.9323	0.9918	0.9917	0.7911	0.9941	0.8745	0.9516
65.3	0.9930	0.9512	0.9938	0.9929	0.8215	0.9948	0.9063	0.9546
65.4	0.9938	0.9440	0.9951	0.9946	0.8094	0.9964	0.9130	0.9597
65.5	0.9922	0.9412	0.9936	0.9926	0.8177	0.9956	0.9266	0.9649
65.6	0.9888	0.9329	0.9912	0.9893	0.7518	0.9935	0.9321	0.9524
65.7	0.9880	0.9152	0.9916	0.9902	0.7558	0.9938	0.9468	0.9318
65.8	0.9877	0.9273	0.9893	0.9889	0.7981	0.9919	0.9566	0.9443
65.9	0.9888	0.9343	0.9884	0.9891	0.8318	0.9908	0.9527	0.9382
66.0	0.9891	0.9368	0.9916	0.9916	0.8767	0.9931	0.9673	0.9538
66.1	0.9910	0.9387	0.9921	0.9926	0.8909	0.9932	0.9755	0.9570
66.2	0.9918	0.9479	0.9932	0.9924	0.9035	0.9947	0.9781	0.9550
66.3	0.9875	0.9495	0.9896	0.9884	0.9167	0.9916	0.9602	0.9324
66.4	0.9872	0.9483	0.9886	0.9890	0.9105	0.9908	0.9650	0.9262
66.5	0.9869	0.9480	0.9890	0.9890	0.9120	0.9916	0.9726	0.9379
66.6	0.9848	0.9164	0.9893	0.9885	0.9104	0.9922	0.9584	0.9241
66.7	0.9877	0.9281	0.9893	0.9896	0.9264	0.9919	0.9698	0.9412
66.8	0.9864	0.9478	0.9885	0.9883	0.9219	0.9919	0.9718	0.9415
66.9	0.9793	0.9545	0.9869	0.9838	0.9328	0.9892	0.9612	0.9032
67.0	0.9836	0.9671	0.9892	0.9876	0.9384	0.9917	0.9747	0.9439
67.1	0.9828	0.9535	0.9872	0.9859	0.9362	0.9901	0.9757	0.9467
67.2	0.9730	0.9339	0.9815	0.9767	0.9214	0.9836	0.9630	0.9186
67.3	0.9819	0.9510	0.9843	0.9805	0.9439	0.9871	0.9626	0.9122
67.4	0.9844	0.9678	0.9869	0.9847	0.9519	0.9892	0.9699	0.9244
67.5	0.9823	0.9599	0.9852	0.9839	0.9584	0.9887	0.9676	0.9143
67.6	0.9775	0.9542	0.9835	0.9793	0.9358	0.9868	0.9618	0.9094
67.7	0.9787	0.9623	0.9851	0.9782	0.9340	0.9874	0.9646	0.9192
67.8	0.9774	0.9519	0.9835	0.9795	0.9411	0.9853	0.9626	0.9197
67.9	0.9775	0.9486	0.9799	0.9771	0.9427	0.9822	0.9610	0.9226
68.0	0.9784	0.9552	0.9841	0.9797	0.9492	0.9853	0.9586	0.9116
68.1	0.9735	0.9542	0.9797	0.9745	0.9450	0.9814	0.9609	0.9092

68.2	0.9703	0.9543	0.9745	0.9694	0.9415	0.9774	0.9621	0.8929
68.3	0.9759	0.9619	0.9800	0.9761	0.9543	0.9817	0.9638	0.9217
68.4	0.9699	0.9447	0.9772	0.9720	0.9462	0.9797	0.9562	0.9245
68.5	0.9697	0.9440	0.9778	0.9709	0.9488	0.9804	0.9573	0.9069
68.6	0.9696	0.9535	0.9758	0.9710	0.9468	0.9780	0.9484	0.8909
68.7	0.9703	0.9526	0.9695	0.9682	0.9461	0.9742	0.9413	0.8988
68.8	0.9745	0.9561	0.9752	0.9735	0.9493	0.9786	0.9474	0.9012
68.9	0.9641	0.9353	0.9660	0.9634	0.9349	0.9697	0.9390	0.8720
69.0	0.9758	0.9498	0.9764	0.9739	0.9579	0.9796	0.9666	0.9243
69.1	0.9697	0.9628	0.9732	0.9679	0.9450	0.9754	0.9624	0.9100
69.2	0.9698	0.9483	0.9754	0.9706	0.9517	0.9777	0.9427	0.8779
69.3	0.9592	0.9512	0.9676	0.9610	0.9339	0.9697	0.9374	0.8748
69.4	0.9756	0.9629	0.9765	0.9761	0.9509	0.9810	0.9592	0.9168
69.5	0.9659	0.9566	0.9633	0.9619	0.9420	0.9711	0.9365	0.9022
69.6	0.9663	0.9678	0.9649	0.9626	0.9463	0.9724	0.9464	0.9075
69.7	0.9674	0.9669	0.9636	0.9632	0.9337	0.9711	0.9454	0.9010
69.8	0.9663	0.9617	0.9646	0.9641	0.9262	0.9719	0.9429	0.9032
69.9	0.9749	0.9732	0.9752	0.9755	0.9433	0.9805	0.9528	0.9114
70.0	0.9755	0.9701	0.9687	0.9713	0.9435	0.9753	0.9448	0.9030
70.1	0.9722	0.9672	0.9683	0.9709	0.9362	0.9749	0.9514	0.8969
70.2	0.9695	0.9658	0.9616	0.9648	0.9262	0.9707	0.9455	0.8506
70.3	0.9635	0.9596	0.9531	0.9559	0.9156	0.9655	0.9228	0.8373
70.4	0.9565	0.9562	0.9531	0.9516	0.9054	0.9633	0.9273	0.8472
70.5	0.9698	0.9681	0.9629	0.9659	0.9307	0.9713	0.9304	0.8394
70.6	0.9689	0.9657	0.9609	0.9665	0.9177	0.9710	0.9166	0.8208
70.7	0.9729	0.9691	0.9674	0.9691	0.9223	0.9770	0.9247	0.8152
70.8	0.9710	0.9671	0.9663	0.9704	0.9235	0.9759	0.9287	0.8045
70.9	0.9781	0.9744	0.9714	0.9730	0.9447	0.9810	0.9363	0.7999
71.0	0.9727	0.9637	0.9704	0.9716	0.9275	0.9787	0.9344	0.7851
71.1	0.9688	0.9585	0.9629	0.9653	0.9091	0.9716	0.9326	0.6605
71.2	0.9767	0.9707	0.9702	0.9748	0.9262	0.9778	0.9153	0.5495
71.3	0.9752	0.9659	0.9722	0.9759	0.9175	0.9793	0.9097	0.6129
71.4	0.9774	0.9699	0.9716	0.9764	0.9087	0.9803	0.9112	0.6448
71.5	0.9792	0.9662	0.9749	0.9781	0.9042	0.9833	0.8986	0.7380
71.6	0.9809	0.9675	0.9780	0.9794	0.9083	0.9852	0.8947	0.7945
71.7	0.9787	0.9588	0.9798	0.9807	0.9216	0.9859	0.8754	0.8072
71.8	0.9772	0.9599	0.9761	0.9789	0.9065	0.9842	0.8785	0.8612
71.9	0.9852	0.9765	0.9842	0.9870	0.9375	0.9898	0.9030	0.8988
72.0	0.9876	0.9760	0.9804	0.9866	0.9537	0.9894	0.8923	0.9137
72.1	0.9799	0.9579	0.9754	0.9796	0.9233	0.9871	0.8949	0.9167
72.2	0.9856	0.9676	0.9751	0.9829	0.9341	0.9882	0.9070	0.9406
72.3	0.9826	0.9604	0.9742	0.9808	0.9223	0.9862	0.9224	0.9476
72.4	0.9818	0.9547	0.9745	0.9817	0.9069	0.9860	0.9411	0.9495
72.5	0.9864	0.9675	0.9812	0.9854	0.9354	0.9913	0.9567	0.9388
72.6	0.9880	0.9663	0.9817	0.9863	0.9447	0.9921	0.9524	0.9513
72.7	0.9863	0.9543	0.9807	0.9859	0.9280	0.9916	0.9432	0.9345
72.8	0.9821	0.9550	0.9754	0.9803	0.9350	0.9886	0.9470	0.9432
72.9	0.9888	0.9705	0.9754	0.9828	0.9653	0.9908	0.9576	0.9614
73.0	0.9894	0.9693	0.9783	0.9848	0.9632	0.9913	0.9583	0.9606
73.1	0.9875	0.9515	0.9721	0.9800	0.9471	0.9890	0.9543	0.9488
73.2	0.9891	0.9489	0.9726	0.9815	0.9504	0.9913	0.9696	0.9609
73.3	0.9907	0.9493	0.9753	0.9837	0.9571	0.9916	0.9723	0.9612
73.4	0.9903	0.9547	0.9700	0.9814	0.9622	0.9897	0.9703	0.9581
73.5	0.9904	0.9618	0.9758	0.9821	0.9633	0.9925	0.9723	0.9558
73.6	0.9915	0.9564	0.9812	0.9849	0.9649	0.9943	0.9801	0.9658
73.7	0.9943	0.9538	0.9821	0.9877	0.9665	0.9949	0.9824	0.9715
73.8	0.9933	0.9466	0.9808	0.9860	0.9608	0.9955	0.9751	0.9564
73.9	0.9919	0.9492	0.9841	0.9886	0.9653	0.9953	0.9793	0.9552
74.0	0.9938	0.9514	0.9820	0.9863	0.9699	0.9942	0.9839	0.9586
74.1	0.9941	0.9473	0.9734	0.9832	0.9678	0.9927	0.9809	0.9563
74.2	0.9917	0.9362	0.9727	0.9840	0.9579	0.9927	0.9805	0.9507
74.3	0.9896	0.9212	0.9817	0.9891	0.9544	0.9954	0.9839	0.9465
74.4	0.9883	0.9214	0.9786	0.9885	0.9577	0.9949	0.9820	0.9476
74.5	0.9912	0.9411	0.9814	0.9895	0.9684	0.9946	0.9854	0.9607
74.6	0.9911	0.9316	0.9792	0.9904	0.9579	0.9953	0.9861	0.9630
74.7	0.9895	0.9217	0.9744	0.9878	0.9588	0.9932	0.9875	0.9586
74.8	0.9907	0.9267	0.9793	0.9912	0.9646	0.9939	0.9870	0.9541
74.9	0.9901	0.9247	0.9878	0.9937	0.9606	0.9954	0.9890	0.9358
75.0	0.9907	0.9262	0.9837	0.9912	0.9535	0.9944	0.9887	0.9497
75.1	0.9887	0.9178	0.9798	0.9904	0.9447	0.9937	0.9883	0.9415
75.2	0.9878	0.9320	0.9877	0.9933	0.9370	0.9956	0.9898	0.9502
75.3	0.9913	0.9543	0.9920	0.9950	0.9468	0.9965	0.9927	0.9592
75.4	0.9887	0.9299	0.9869	0.9937	0.9223	0.9951	0.9896	0.9465
75.5	0.9881	0.9399	0.9885	0.9936	0.9192	0.9947	0.9922	0.9433
75.6	0.9890	0.9525	0.9903	0.9953	0.9341	0.9956	0.9927	0.9603
75.7	0.9844	0.9356	0.9870	0.9952	0.8986	0.9945	0.9873	0.9368
75.8	0.9830	0.9414	0.9886	0.9949	0.9090	0.9947	0.9890	0.9394
75.9	0.9840	0.9561	0.9906	0.9953	0.9266	0.9956	0.9914	0.9480
76.0	0.9761	0.9455	0.9866	0.9927	0.9086	0.9930	0.9885	0.9268
76.1	0.9807	0.9519	0.9902	0.9939	0.8854	0.9934	0.9885	0.9271
76.2	0.9803	0.9623	0.9907	0.9955	0.8999	0.9950	0.9919	0.9434
76.3	0.9780	0.9537	0.9894	0.9943	0.8741	0.9927	0.9915	0.9199
76.4	0.9843	0.9710	0.9919	0.9965	0.8994	0.9956	0.9930	0.9399
76.5	0.9873	0.9777	0.9930	0.9979	0.9360	0.9962	0.9948	0.9617
76.6	0.9890	0.9753	0.9941	0.9969	0.9292	0.9949	0.9930	0.9629
76.7	0.9816	0.9695	0.9929	0.9969	0.9026	0.9944	0.9922	0.9561

76.8	0.9768	0.9724	0.9891	0.9971	0.9070	0.9947	0.9920	0.9529
76.9	0.9766	0.9777	0.9886	0.9975	0.9156	0.9951	0.9925	0.9556
77.0	0.9748	0.9697	0.9843	0.9958	0.8938	0.9922	0.9886	0.9592
77.1	0.9777	0.9731	0.9891	0.9967	0.9039	0.9927	0.9896	0.9673
77.2	0.9830	0.9812	0.9901	0.9971	0.9330	0.9932	0.9882	0.9769
77.3	0.9815	0.9823	0.9898	0.9971	0.9449	0.9930	0.9894	0.9622
77.4	0.9756	0.9753	0.9892	0.9952	0.9333	0.9889	0.9836	0.9517
77.5	0.9669	0.9777	0.9896	0.9968	0.9273	0.9904	0.9838	0.9642
77.6	0.9729	0.9829	0.9909	0.9981	0.9450	0.9939	0.9880	0.9667
77.7	0.9699	0.9791	0.9915	0.9980	0.9317	0.9926	0.9830	0.9693
77.8	0.9628	0.9736	0.9908	0.9979	0.9299	0.9922	0.9760	0.9686
77.9	0.9611	0.9796	0.9906	0.9980	0.9550	0.9930	0.9786	0.9687
78.0	0.9514	0.9799	0.9889	0.9976	0.9574	0.9906	0.9775	0.9687
78.1	0.9436	0.9747	0.9885	0.9970	0.9489	0.9891	0.9719	0.9659
78.2	0.9271	0.9743	0.9913	0.9965	0.9423	0.9860	0.9678	0.9672
78.3	0.9141	0.9760	0.9902	0.9956	0.9617	0.9881	0.9656	0.9692
78.4	0.9096	0.9777	0.9902	0.9956	0.9629	0.9883	0.9617	0.9684
78.5	0.8824	0.9723	0.9909	0.9960	0.9521	0.9883	0.9565	0.9555
78.6	0.8486	0.9703	0.9905	0.9961	0.9556	0.9850	0.9535	0.9435
78.7	0.8034	0.9747	0.9894	0.9942	0.9656	0.9879	0.9595	0.9483
78.8	0.7946	0.9758	0.9904	0.9937	0.9648	0.9850	0.9536	0.9535
78.9	0.8220	0.9746	0.9889	0.9929	0.9681	0.9813	0.9436	0.9601
79.0	0.7595	0.9760	0.9903	0.9925	0.9603	0.9818	0.9361	0.9675
79.1	0.6518	0.9639	0.9889	0.9929	0.9548	0.9834	0.9313	0.9422
79.2	0.4771	0.9569	0.9872	0.9877	0.9578	0.9731	0.9016	0.9198
79.3	0.4098	0.9727	0.9889	0.9885	0.9700	0.9800	0.9290	0.9519
79.4	0.3866	0.9739	0.9902	0.9890	0.9740	0.9826	0.9358	0.9619
79.5	0.3913	0.9713	0.9898	0.9858	0.9698	0.9744	0.9076	0.9442
79.6	0.4467	0.9688	0.9905	0.9885	0.9741	0.9750	0.9079	0.9455
79.7	0.5398	0.9725	0.9884	0.9877	0.9792	0.9792	0.9112	0.9542
79.8	0.6631	0.9703	0.9888	0.9882	0.9750	0.9786	0.9159	0.9403
79.9	0.7468	0.9638	0.9870	0.9875	0.9697	0.9763	0.9161	0.9160
80.0	0.7963	0.9606	0.9836	0.9822	0.9670	0.9734	0.9204	0.8986

2.2.60 Run 5 – VTC-200 – Accels 41–47

Vertical shaking on center with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.5465	0.5470	0.5630	0.5047	0.5090	0.1185	0.1005
0.1	0.1065	0.0934	0.1235	0.0981	0.0814	0.0126	0.0248
0.2	0.0304	0.0203	0.0076	0.0564	0.0038	0.0301	0.0135
0.3	0.0164	0.0138	0.0242	0.0772	0.0074	0.0207	0.0395
0.4	0.0263	0.0045	0.0206	0.0172	0.0609	0.0058	0.0059
0.5	0.0090	0.0001	0.0101	0.0098	0.0263	0.0150	0.0319
0.6	0.0037	0.0123	0.0106	0.0357	0.0066	0.0412	0.0162
0.7	0.0293	0.0257	0.0622	0.0003	0.1134	0.1000	0.0305
0.8	0.0473	0.0060	0.0457	0.0039	0.1131	0.0656	0.0041
0.9	0.0366	0.1500	0.0173	0.0126	0.0419	0.0247	0.0011
1.0	0.0163	0.0340	0.0072	0.0143	0.0648	0.0273	0.0729
1.1	0.0069	0.0038	0.1014	0.0056	0.0294	0.0661	0.0015
1.2	0.0347	0.0225	0.3482	0.0096	0.1116	0.0771	0.0046
1.3	0.0132	0.1328	0.3997	0.0749	0.0934	0.0278	0.0062
1.4	0.0086	0.2382	0.4969	0.0511	0.1014	0.0405	0.0080
1.5	0.0758	0.2996	0.6821	0.0503	0.2412	0.0192	0.0063
1.6	0.1318	0.4555	0.7007	0.0497	0.4175	0.0185	0.0401
1.7	0.2480	0.5805	0.7060	0.1011	0.5731	0.0077	0.0546
1.8	0.4593	0.7763	0.7792	0.3558	0.7237	0.0122	0.0920
1.9	0.6659	0.7773	0.8426	0.6138	0.7588	0.0136	0.2258
2.0	0.8219	0.7067	0.8884	0.8396	0.6890	0.0035	0.3125
2.1	0.6957	0.3632	0.9003	0.7080	0.3662	0.0856	0.2977
2.2	0.7646	0.2934	0.9256	0.7500	0.2637	0.1319	0.2389
2.3	0.5613	0.5368	0.8589	0.5479	0.4347	0.0897	0.4305
2.4	0.3593	0.6347	0.7632	0.3576	0.4696	0.1133	0.1641
2.5	0.6496	0.6835	0.8796	0.6524	0.7586	0.1167	0.0016
2.6	0.7801	0.5875	0.9387	0.7776	0.6522	0.1860	0.0143
2.7	0.8405	0.5251	0.9548	0.8417	0.5232	0.2631	0.0228
2.8	0.7088	0.3846	0.9500	0.7568	0.4716	0.3028	0.0190
2.9	0.6609	0.1640	0.9552	0.6581	0.4300	0.3827	0.0216
3.0	0.6763	0.1896	0.9633	0.6345	0.3742	0.4038	0.0701
3.1	0.3921	0.0734	0.9541	0.3419	0.2109	0.2173	0.0120
3.2	0.3552	0.2392	0.9459	0.4063	0.1714	0.0474	0.0174
3.3	0.6000	0.3104	0.9684	0.6190	0.3326	0.1343	0.0296
3.4	0.5132	0.3014	0.9667	0.5675	0.2614	0.2112	0.0358
3.5	0.2515	0.2505	0.9151	0.3219	0.1501	0.1381	0.0087
3.6	0.1391	0.1869	0.8296	0.1908	0.0212	0.0199	0.0286
3.7	0.0932	0.2293	0.9718	0.0847	0.2757	0.4100	0.0233
3.8	0.4561	0.6736	0.9951	0.6036	0.6131	0.8585	0.0046
3.9	0.7628	0.7141	0.9974	0.8174	0.7381	0.9507	0.0584
4.0	0.8469	0.8457	0.9982	0.8858	0.8307	0.9785	0.1279
4.1	0.8418	0.8879	0.9975	0.8914	0.8886	0.9809	0.0892
4.2	0.6874	0.8095	0.9959	0.7871	0.7949	0.9652	0.0418
4.3	0.5913	0.8044	0.9959	0.6855	0.7755	0.9643	0.0178
4.4	0.4993	0.7502	0.9953	0.6388	0.7368	0.9681	0.0418
4.5	0.5078	0.7986	0.9955	0.6252	0.6890	0.9698	0.1535
4.6	0.2799	0.7455	0.9964	0.5202	0.6499	0.9454	0.0767
4.7	0.0587	0.6714	0.9926	0.2994	0.5908	0.8855	0.0534
4.8	0.0502	0.5827	0.9910	0.2239	0.5858	0.8964	0.1256
4.9	0.2233	0.3714	0.9850	0.3622	0.4428	0.8612	0.1670
5.0	0.4483	0.2583	0.9940	0.6332	0.3488	0.9669	0.0669
5.1	0.6502	0.4435	0.9962	0.7653	0.6025	0.9872	0.1576
5.2	0.7113	0.0330	0.9941	0.7808	0.5008	0.9789	0.1047
5.3	0.5508	0.1843	0.9929	0.6635	0.1242	0.9643	0.0232
5.4	0.3139	0.1958	0.9797	0.3593	0.0765	0.9246	0.0357
5.5	0.2419	0.3316	0.9672	0.2706	0.1951	0.8915	0.0002
5.6	0.2914	0.3733	0.9820	0.2455	0.3213	0.9355	0.0585
5.7	0.4864	0.4903	0.9891	0.4102	0.4058	0.9763	0.0797
5.8	0.7629	0.5833	0.9946	0.6747	0.4387	0.9914	0.0507
5.9	0.7784	0.4644	0.9957	0.7504	0.4060	0.9953	0.0893
6.0	0.7644	0.3301	0.9939	0.7721	0.4117	0.9936	0.0654
6.1	0.8776	0.6543	0.9960	0.8975	0.7591	0.9960	0.2607
6.2	0.9079	0.8424	0.9951	0.9317	0.8817	0.9953	0.4477
6.3	0.9221	0.8946	0.9937	0.9485	0.9212	0.9934	0.4078
6.4	0.9436	0.9459	0.9931	0.9616	0.9587	0.9934	0.3633
6.5	0.9267	0.9305	0.9916	0.9590	0.9539	0.9917	0.2896
6.6	0.8894	0.9352	0.9876	0.9358	0.9524	0.9873	0.4447
6.7	0.9024	0.9228	0.9813	0.9365	0.9401	0.9815	0.5681
6.8	0.9179	0.9106	0.9731	0.9454	0.9423	0.9729	0.5168
6.9	0.9036	0.8852	0.9637	0.9425	0.9284	0.9631	0.6890
7.0	0.8884	0.9063	0.9514	0.9229	0.9274	0.9510	0.8134
7.1	0.8086	0.7505	0.8845	0.8468	0.7945	0.8849	0.7882
7.2	0.8489	0.7129	0.9111	0.8646	0.7636	0.9105	0.8018
7.3	0.9142	0.6685	0.9443	0.9239	0.7238	0.9439	0.8388
7.4	0.9284	0.5058	0.9412	0.9410	0.6364	0.9414	0.8494
7.5	0.9280	0.3938	0.9502	0.9455	0.5794	0.9494	0.8363
7.6	0.9144	0.0937	0.9666	0.9381	0.3347	0.9662	0.7570
7.7	0.9240	0.2197	0.9902	0.9431	0.2938	0.9901	0.7650
7.8	0.9172	0.3761	0.9977	0.9365	0.1330	0.9976	0.7847
7.9	0.9204	0.6410	0.9963	0.9397	0.1885	0.9960	0.8250

8.0	0.9321	0.4511	0.9924	0.9524	0.0980	0.9922	0.7860
8.1	0.9452	0.4955	0.9983	0.9546	0.0096	0.9981	0.8152
8.2	0.9459	0.8827	0.9987	0.9581	0.3717	0.9987	0.8706
8.3	0.9307	0.8925	0.9977	0.9504	0.5248	0.9976	0.7863
8.4	0.9147	0.9022	0.9990	0.9454	0.6569	0.9988	0.7248
8.5	0.9033	0.8871	0.9985	0.9383	0.6572	0.9985	0.7268
8.6	0.9258	0.8711	0.9992	0.9528	0.6765	0.9991	0.7482
8.7	0.9022	0.7788	0.9980	0.9407	0.4549	0.9979	0.7204
8.8	0.9297	0.7802	0.9973	0.9580	0.1907	0.9973	0.8172
8.9	0.9458	0.8255	0.9959	0.9614	0.1636	0.9960	0.7521
9.0	0.9272	0.7731	0.9862	0.9487	0.1265	0.9871	0.6566
9.1	0.9211	0.6591	0.9879	0.9456	0.0082	0.9885	0.7714
9.2	0.9005	0.5672	0.9656	0.9195	0.1707	0.9681	0.8232
9.3	0.8969	0.5523	0.9438	0.9066	0.5001	0.9456	0.8077
9.4	0.9137	0.4189	0.9403	0.9218	0.7588	0.9418	0.8410
9.5	0.9196	0.5947	0.9403	0.9330	0.8563	0.9390	0.8500
9.6	0.9240	0.6525	0.9465	0.9452	0.8404	0.9437	0.8309
9.7	0.8738	0.6679	0.9082	0.9031	0.7980	0.9019	0.4912
9.8	0.8916	0.6734	0.9485	0.9322	0.7526	0.9494	0.4506
9.9	0.8843	0.6861	0.9541	0.9215	0.7568	0.9571	0.5545
10.0	0.7583	0.5465	0.9578	0.8463	0.5667	0.9686	0.3916
10.1	0.7585	0.7117	0.9628	0.8652	0.6755	0.9707	0.1058
10.2	0.8425	0.8615	0.9804	0.8999	0.8665	0.9848	0.1037
10.3	0.8481	0.8893	0.9868	0.8875	0.8648	0.9882	0.0993
10.4	0.8488	0.8894	0.9890	0.8447	0.8466	0.9910	0.1837
10.5	0.8408	0.8904	0.9900	0.8289	0.8922	0.9917	0.4130
10.6	0.8258	0.9178	0.9955	0.8431	0.9164	0.9956	0.4599
10.7	0.7974	0.8821	0.9974	0.8406	0.8872	0.9966	0.3025
10.8	0.8197	0.9155	0.9983	0.8650	0.9101	0.9968	0.5130
10.9	0.7654	0.9293	0.9987	0.8203	0.9255	0.9974	0.4785
11.0	0.6825	0.9370	0.9985	0.7576	0.9380	0.9967	0.3768
11.1	0.6121	0.9166	0.9977	0.5834	0.9143	0.9959	0.3406
11.2	0.6683	0.9364	0.9983	0.5561	0.9284	0.9964	0.3018
11.3	0.6338	0.9489	0.9988	0.5039	0.9342	0.9971	0.5128
11.4	0.6106	0.9403	0.9987	0.4005	0.9233	0.9970	0.3940
11.5	0.6152	0.9387	0.9983	0.3590	0.9276	0.9974	0.3524
11.6	0.4288	0.9278	0.9982	0.2781	0.9415	0.9968	0.3021
11.7	0.4399	0.9511	0.9986	0.2354	0.9544	0.9969	0.3351
11.8	0.3384	0.9470	0.9981	0.2685	0.9523	0.9959	0.3764
11.9	0.3609	0.9587	0.9975	0.5148	0.9562	0.9959	0.4690
12.0	0.5636	0.9635	0.9965	0.6232	0.9495	0.9963	0.5837
12.1	0.5834	0.9613	0.9957	0.6598	0.9476	0.9949	0.6637
12.2	0.7676	0.9763	0.9963	0.7639	0.9653	0.9969	0.7965
12.3	0.8184	0.9705	0.9959	0.8177	0.9650	0.9964	0.7505
12.4	0.8095	0.9649	0.9943	0.8449	0.9701	0.9953	0.7967
12.5	0.8805	0.9625	0.9944	0.8624	0.9644	0.9968	0.8583
12.6	0.9183	0.9750	0.9953	0.8820	0.9705	0.9968	0.9155
12.7	0.9428	0.9799	0.9942	0.8769	0.9743	0.9972	0.9304
12.8	0.9359	0.9731	0.9936	0.8864	0.9762	0.9965	0.9463
12.9	0.9453	0.9752	0.9910	0.8284	0.9772	0.9960	0.9560
13.0	0.9480	0.9716	0.9877	0.8524	0.9716	0.9951	0.9559
13.1	0.9546	0.9701	0.9879	0.8940	0.9699	0.9939	0.9552
13.2	0.9629	0.9755	0.9881	0.9345	0.9790	0.9915	0.9696
13.3	0.9548	0.9849	0.9825	0.9494	0.9839	0.9876	0.9732
13.4	0.9501	0.9812	0.9748	0.9635	0.9789	0.9863	0.9708
13.5	0.9161	0.9661	0.9676	0.9616	0.9650	0.9848	0.9510
13.6	0.9466	0.9605	0.9740	0.9675	0.9604	0.9689	0.9495
13.7	0.9649	0.9548	0.9806	0.9822	0.9551	0.9621	0.9496
13.8	0.9703	0.9593	0.9874	0.9887	0.9577	0.9469	0.9494
13.9	0.9673	0.9661	0.9930	0.9862	0.9673	0.9495	0.9679
14.0	0.9825	0.9762	0.9937	0.9882	0.9745	0.9729	0.9767
14.1	0.9715	0.9723	0.9933	0.9762	0.9716	0.9686	0.9699
14.2	0.9520	0.9634	0.9817	0.9570	0.9697	0.9541	0.9619
14.3	0.9287	0.9511	0.9677	0.9346	0.9526	0.9420	0.9404
14.4	0.9240	0.9320	0.9656	0.9272	0.9257	0.9471	0.9177
14.5	0.9211	0.8926	0.9667	0.9235	0.8849	0.9509	0.8502
14.6	0.9393	0.8712	0.9773	0.9416	0.8621	0.9658	0.7673
14.7	0.9711	0.8943	0.9900	0.9706	0.8594	0.9859	0.6334
14.8	0.9804	0.8905	0.9944	0.9797	0.8670	0.9913	0.6023
14.9	0.9848	0.8934	0.9963	0.9845	0.8793	0.9941	0.6706
15.0	0.9916	0.9093	0.9983	0.9906	0.8799	0.9970	0.6605
15.1	0.9891	0.8015	0.9978	0.9920	0.7829	0.9965	0.6962
15.2	0.9900	0.7267	0.9974	0.9909	0.7437	0.9962	0.7615
15.3	0.9898	0.7459	0.9965	0.9867	0.6705	0.9957	0.7903
15.4	0.9911	0.7156	0.9974	0.9901	0.5832	0.9955	0.8314
15.5	0.9869	0.6338	0.9974	0.9866	0.6005	0.9967	0.7680
15.6	0.9872	0.7025	0.9965	0.9867	0.7078	0.9950	0.7658
15.7	0.9898	0.7645	0.9959	0.9892	0.7764	0.9940	0.7993
15.8	0.9898	0.7517	0.9962	0.9904	0.7845	0.9951	0.7828
15.9	0.9907	0.8058	0.9972	0.9920	0.7431	0.9967	0.8378
16.0	0.9919	0.8422	0.9970	0.9928	0.8073	0.9960	0.7720
16.1	0.9913	0.8396	0.9959	0.9904	0.8325	0.9953	0.7558
16.2	0.9917	0.8177	0.9969	0.9902	0.8034	0.9949	0.7334
16.3	0.9900	0.7670	0.9963	0.9897	0.7564	0.9937	0.7473
16.4	0.9910	0.6575	0.9947	0.9877	0.6757	0.9932	0.7118
16.5	0.9925	0.6421	0.9955	0.9906	0.5921	0.9931	0.6348

16.6	0.9916	0.7689	0.9957	0.9918	0.7358	0.9933	0.6503
16.7	0.9896	0.8564	0.9945	0.9917	0.8366	0.9919	0.5427
16.8	0.9905	0.7917	0.9920	0.9909	0.7432	0.9892	0.3996
16.9	0.9901	0.7502	0.9935	0.9888	0.7136	0.9893	0.4291
17.0	0.9924	0.8405	0.9948	0.9919	0.8150	0.9937	0.4040
17.1	0.9870	0.7808	0.9882	0.9902	0.7580	0.9915	0.1535
17.2	0.9879	0.7026	0.9894	0.9915	0.6857	0.9888	0.1681
17.3	0.9911	0.8121	0.9911	0.9928	0.7670	0.9929	0.3240
17.4	0.9924	0.8670	0.9911	0.9933	0.8377	0.9913	0.5134
17.5	0.9930	0.9062	0.9928	0.9941	0.8858	0.9916	0.5817
17.6	0.9929	0.8995	0.9937	0.9932	0.8870	0.9923	0.4391
17.7	0.9941	0.8994	0.9923	0.9918	0.8928	0.9909	0.5223
17.8	0.9915	0.8547	0.9875	0.9880	0.8512	0.9847	0.5418
17.9	0.9892	0.8636	0.9854	0.9893	0.8605	0.9861	0.6088
18.0	0.9887	0.8321	0.9855	0.9898	0.8632	0.9863	0.7288
18.1	0.9886	0.8074	0.9839	0.9885	0.8593	0.9825	0.7237
18.2	0.9878	0.7994	0.9837	0.9850	0.8561	0.9729	0.7747
18.3	0.9844	0.8245	0.9818	0.9823	0.8811	0.9747	0.7967
18.4	0.9775	0.8440	0.9753	0.9783	0.8940	0.9693	0.7489
18.5	0.8680	0.7306	0.8831	0.8721	0.8177	0.8659	0.4788
18.6	0.8894	0.6898	0.8918	0.8821	0.7663	0.9180	0.0007
18.7	0.9466	0.7969	0.9518	0.9487	0.8232	0.9632	0.3126
18.8	0.9789	0.8666	0.9680	0.9782	0.8999	0.9742	0.5061
18.9	0.9870	0.9240	0.9747	0.9881	0.9389	0.9779	0.6062
19.0	0.9873	0.9384	0.9792	0.9862	0.9431	0.9822	0.7114
19.1	0.9855	0.9349	0.9755	0.9861	0.9486	0.9785	0.7729
19.2	0.9832	0.9216	0.9748	0.9825	0.9378	0.9736	0.7521
19.3	0.9870	0.9382	0.9820	0.9862	0.9492	0.9772	0.8232
19.4	0.9860	0.9471	0.9843	0.9849	0.9590	0.9787	0.8122
19.5	0.9874	0.9552	0.9859	0.9861	0.9645	0.9789	0.8751
19.6	0.9884	0.9666	0.9878	0.9870	0.9719	0.9817	0.8926
19.7	0.9835	0.9428	0.9870	0.9804	0.9560	0.9815	0.8544
19.8	0.9824	0.9438	0.9895	0.9761	0.9633	0.9838	0.8570
19.9	0.9698	0.9329	0.9832	0.9677	0.9539	0.9744	0.8758
20.0	0.9490	0.9138	0.9768	0.9472	0.9275	0.9731	0.7657
20.1	0.9695	0.9242	0.9874	0.9610	0.9306	0.9907	0.7652
20.2	0.9500	0.8640	0.9848	0.9467	0.9025	0.9919	0.5941
20.3	0.9181	0.8494	0.9818	0.9365	0.8791	0.9893	0.3866
20.4	0.8901	0.8176	0.9812	0.9096	0.8375	0.9842	0.2777
20.5	0.8062	0.7256	0.9818	0.8592	0.7690	0.9838	0.2285
20.6	0.6939	0.4967	0.9752	0.8452	0.5772	0.9832	0.3430
20.7	0.7388	0.5809	0.9777	0.8508	0.6292	0.9854	0.3066
20.8	0.7620	0.4243	0.9829	0.8817	0.4298	0.9896	0.3558
20.9	0.6967	0.3073	0.9842	0.8638	0.2791	0.9873	0.4309
21.0	0.7553	0.2346	0.9811	0.8510	0.1629	0.9854	0.4246
21.1	0.8750	0.2596	0.9749	0.9239	0.1606	0.9859	0.2577
21.2	0.9053	0.1821	0.9737	0.9363	0.0929	0.9865	0.1953
21.3	0.9399	0.1118	0.9797	0.9519	0.0269	0.9898	0.1487
21.4	0.9474	0.1580	0.9822	0.9607	0.0430	0.9910	0.2047
21.5	0.9566	0.1874	0.9877	0.9701	0.1286	0.9915	0.3407
21.6	0.9632	0.0970	0.9879	0.9716	0.0754	0.9929	0.4139
21.7	0.9587	0.0834	0.9829	0.9656	0.0918	0.9901	0.3536
21.8	0.9709	0.2087	0.9874	0.9805	0.1610	0.9913	0.2496
21.9	0.9807	0.0112	0.9903	0.9827	0.0119	0.9918	0.1181
22.0	0.9868	0.0530	0.9943	0.9882	0.0514	0.9953	0.0935
22.1	0.9893	0.0258	0.9941	0.9904	0.0366	0.9961	0.0392
22.2	0.9919	0.0354	0.9956	0.9921	0.0231	0.9974	0.0242
22.3	0.9916	0.1143	0.9941	0.9928	0.1223	0.9971	0.1974
22.4	0.9917	0.0868	0.9945	0.9931	0.1801	0.9975	0.1505
22.5	0.9922	0.0259	0.9938	0.9927	0.0494	0.9971	0.2243
22.6	0.9919	0.0863	0.9958	0.9932	0.0537	0.9972	0.2896
22.7	0.9929	0.2541	0.9961	0.9931	0.1725	0.9972	0.5694
22.8	0.9938	0.3038	0.9948	0.9919	0.1866	0.9975	0.6417
22.9	0.9942	0.4213	0.9948	0.9939	0.3439	0.9970	0.6161
23.0	0.9925	0.5678	0.9937	0.9941	0.5078	0.9977	0.6991
23.1	0.9924	0.5616	0.9926	0.9938	0.4848	0.9976	0.6976
23.2	0.9949	0.6268	0.9958	0.9952	0.5703	0.9980	0.7435
23.3	0.9964	0.7073	0.9973	0.9961	0.6835	0.9982	0.7851
23.4	0.9963	0.7440	0.9961	0.9962	0.7220	0.9980	0.7551
23.5	0.9972	0.7479	0.9969	0.9965	0.7277	0.9980	0.7135
23.6	0.9966	0.7678	0.9957	0.9961	0.7513	0.9979	0.7185
23.7	0.9943	0.6799	0.9931	0.9931	0.6797	0.9970	0.6301
23.8	0.9959	0.7147	0.9957	0.9945	0.7284	0.9979	0.6727
23.9	0.9967	0.7781	0.9964	0.9954	0.7839	0.9972	0.6514
24.0	0.9932	0.7205	0.9940	0.9908	0.7306	0.9960	0.4826
24.1	0.9915	0.6876	0.9945	0.9881	0.7290	0.9961	0.3392
24.2	0.9927	0.6307	0.9949	0.9906	0.6661	0.9971	0.4106
24.3	0.9921	0.6343	0.9924	0.9888	0.6402	0.9968	0.4302
24.4	0.9895	0.6248	0.9931	0.9876	0.6327	0.9966	0.3756
24.5	0.9916	0.6303	0.9950	0.9924	0.6446	0.9967	0.4665
24.6	0.9933	0.5543	0.9950	0.9941	0.6398	0.9969	0.4109
24.7	0.9946	0.4948	0.9965	0.9945	0.6187	0.9971	0.2341
24.8	0.9968	0.4389	0.9973	0.9961	0.5754	0.9975	0.0791
24.9	0.9968	0.4758	0.9966	0.9961	0.6061	0.9963	0.1631
25.0	0.9954	0.4176	0.9911	0.9951	0.5408	0.9953	0.1474
25.1	0.9949	0.4292	0.9920	0.9950	0.6212	0.9965	0.0830

25.2	0.9929	0.5922	0.9920	0.9931	0.6931	0.9961	0.2062
25.3	0.9859	0.6561	0.9869	0.9886	0.6948	0.9944	0.2928
25.4	0.9851	0.4835	0.9832	0.9844	0.6054	0.9958	0.3155
25.5	0.9861	0.5369	0.9851	0.9856	0.6733	0.9954	0.3768
25.6	0.9851	0.6131	0.9832	0.9835	0.7634	0.9962	0.5594
25.7	0.9880	0.6503	0.9878	0.9858	0.7910	0.9957	0.7673
25.8	0.9938	0.6481	0.9932	0.9937	0.7993	0.9946	0.8331
25.9	0.9939	0.7415	0.9935	0.9940	0.8640	0.9966	0.8804
26.0	0.9927	0.7161	0.9931	0.9945	0.7697	0.9955	0.9104
26.1	0.9960	0.7569	0.9939	0.9961	0.8241	0.9942	0.9029
26.2	0.9971	0.8124	0.9932	0.9965	0.8441	0.9922	0.8983
26.3	0.9974	0.8649	0.9932	0.9970	0.8614	0.9903	0.9188
26.4	0.9981	0.8911	0.9945	0.9980	0.8647	0.9893	0.9293
26.5	0.9978	0.8781	0.9918	0.9980	0.8495	0.9882	0.9446
26.6	0.9976	0.8543	0.9884	0.9982	0.8262	0.9872	0.9433
26.7	0.9980	0.8720	0.9916	0.9976	0.8332	0.9913	0.9278
26.8	0.9961	0.8475	0.9919	0.9958	0.7536	0.9892	0.9062
26.9	0.9974	0.8763	0.9927	0.9977	0.8117	0.9921	0.8990
27.0	0.9980	0.9039	0.9959	0.9982	0.8337	0.9928	0.9336
27.1	0.9987	0.9036	0.9968	0.9986	0.8365	0.9963	0.9384
27.2	0.9978	0.8515	0.9970	0.9979	0.7761	0.9967	0.9407
27.3	0.9984	0.8257	0.9966	0.9987	0.7042	0.9967	0.9232
27.4	0.9989	0.8103	0.9965	0.9990	0.6089	0.9956	0.8884
27.5	0.9990	0.8342	0.9975	0.9990	0.6819	0.9965	0.9206
27.6	0.9988	0.7681	0.9963	0.9986	0.5255	0.9962	0.9104
27.7	0.9983	0.7655	0.9946	0.9982	0.5386	0.9950	0.9097
27.8	0.9987	0.7703	0.9928	0.9985	0.6012	0.9958	0.9056
27.9	0.9988	0.7848	0.9945	0.9985	0.6651	0.9961	0.9117
28.0	0.9982	0.6923	0.9923	0.9979	0.5216	0.9952	0.8519
28.1	0.9982	0.5129	0.9869	0.9979	0.3478	0.9935	0.7891
28.2	0.9985	0.4533	0.9877	0.9980	0.2947	0.9945	0.7497
28.3	0.9986	0.5167	0.9940	0.9984	0.3798	0.9953	0.6997
28.4	0.9988	0.5196	0.9953	0.9988	0.3727	0.9960	0.6388
28.5	0.9985	0.4242	0.9958	0.9986	0.1581	0.9958	0.4629
28.6	0.9983	0.4004	0.9961	0.9982	0.0410	0.9964	0.3537
28.7	0.9980	0.3865	0.9943	0.9977	0.0154	0.9951	0.2480
28.8	0.9980	0.3225	0.9962	0.9981	0.0082	0.9951	0.1418
28.9	0.9975	0.3693	0.9964	0.9973	0.0124	0.9950	0.1228
29.0	0.9967	0.4828	0.9967	0.9966	0.0488	0.9964	0.1826
29.1	0.9965	0.5288	0.9965	0.9967	0.0413	0.9958	0.2547
29.2	0.9974	0.6081	0.9969	0.9972	0.1006	0.9949	0.1933
29.3	0.9975	0.5353	0.9969	0.9975	0.0381	0.9943	0.2382
29.4	0.9953	0.5193	0.9956	0.9955	0.0188	0.9950	0.2654
29.5	0.9965	0.5547	0.9946	0.9964	0.0374	0.9963	0.3107
29.6	0.9971	0.5944	0.9966	0.9971	0.0551	0.9961	0.4041
29.7	0.9976	0.5802	0.9967	0.9976	0.0613	0.9953	0.3561
29.8	0.9970	0.5199	0.9950	0.9971	0.0281	0.9944	0.3286
29.9	0.9913	0.4938	0.9849	0.9912	0.0192	0.9883	0.3395
30.0	0.9963	0.6648	0.9947	0.9961	0.0613	0.9953	0.3996
30.1	0.9970	0.6424	0.9971	0.9971	0.0366	0.9973	0.3760
30.2	0.9969	0.5024	0.9964	0.9968	0.0298	0.9955	0.3651
30.3	0.9974	0.5123	0.9975	0.9979	0.0755	0.9959	0.4232
30.4	0.9982	0.5759	0.9977	0.9984	0.0345	0.9950	0.3874
30.5	0.9978	0.5128	0.9975	0.9981	0.0982	0.9961	0.3783
30.6	0.9964	0.4472	0.9970	0.9970	0.1633	0.9966	0.2722
30.7	0.9960	0.2390	0.9966	0.9959	0.3439	0.9967	0.0964
30.8	0.9957	0.2300	0.9966	0.9962	0.3968	0.9956	0.1355
30.9	0.9961	0.3053	0.9970	0.9974	0.5838	0.9959	0.3643
31.0	0.9949	0.3915	0.9969	0.9966	0.5834	0.9966	0.5181
31.1	0.9932	0.3119	0.9968	0.9944	0.5558	0.9942	0.5721
31.2	0.9946	0.5171	0.9973	0.9961	0.6991	0.9946	0.7769
31.3	0.9949	0.7057	0.9975	0.9970	0.7567	0.9952	0.8063
31.4	0.9919	0.6114	0.9965	0.9956	0.6610	0.9927	0.7424
31.5	0.9909	0.6721	0.9969	0.9953	0.6696	0.9923	0.8008
31.6	0.9918	0.7060	0.9967	0.9952	0.7149	0.9929	0.8629
31.7	0.9875	0.6938	0.9968	0.9944	0.6826	0.9901	0.8506
31.8	0.9782	0.5835	0.9926	0.9903	0.5427	0.9708	0.8065
31.9	0.9879	0.7157	0.9957	0.9938	0.6867	0.9764	0.9123
32.0	0.9874	0.7430	0.9963	0.9969	0.7085	0.9795	0.9354
32.1	0.9841	0.7459	0.9950	0.9955	0.6814	0.9645	0.9093
32.2	0.9820	0.7380	0.9948	0.9926	0.6139	0.9361	0.9061
32.3	0.9840	0.7882	0.9934	0.9923	0.6523	0.9159	0.9060
32.4	0.9810	0.7752	0.9905	0.9927	0.6311	0.9185	0.8797
32.5	0.9873	0.7798	0.9915	0.9926	0.6948	0.9353	0.9059
32.6	0.9916	0.8198	0.9954	0.9945	0.7522	0.9726	0.9459
32.7	0.9924	0.8390	0.9926	0.9936	0.7435	0.9736	0.9212
32.8	0.9923	0.8196	0.9902	0.9927	0.7553	0.9786	0.9010
32.9	0.9926	0.7853	0.9860	0.9942	0.7537	0.9792	0.8877
33.0	0.9928	0.7544	0.9816	0.9913	0.7071	0.9816	0.8725
33.1	0.9955	0.8118	0.9792	0.9949	0.7746	0.9887	0.8575
33.2	0.9938	0.7759	0.9571	0.9932	0.7146	0.9852	0.7656
33.3	0.9908	0.6106	0.8783	0.9902	0.5383	0.9751	0.6321
33.4	0.9937	0.6179	0.8849	0.9950	0.5581	0.9823	0.6204
33.5	0.9932	0.5424	0.8713	0.9913	0.5347	0.9685	0.4688
33.6	0.9969	0.6648	0.9627	0.9973	0.6328	0.9852	0.6803
33.7	0.9966	0.5205	0.9688	0.9960	0.4858	0.9772	0.6674

33.8	0.9978	0.4019	0.9805	0.9978	0.3392	0.9661	0.8312
33.9	0.9977	0.1679	0.9815	0.9971	0.3622	0.9510	0.8682
34.0	0.9976	0.0490	0.9821	0.9973	0.5294	0.8916	0.8938
34.1	0.9980	0.0061	0.9833	0.9976	0.6349	0.8456	0.8991
34.2	0.9986	0.0170	0.9878	0.9983	0.7500	0.8814	0.9078
34.3	0.9982	0.0505	0.9909	0.9979	0.6464	0.9280	0.9284
34.4	0.9976	0.0722	0.9832	0.9974	0.6493	0.9119	0.9244
34.5	0.9984	0.1837	0.9787	0.9984	0.7246	0.9256	0.9184
34.6	0.9978	0.2543	0.9783	0.9980	0.7795	0.9495	0.9180
34.7	0.9977	0.4350	0.9734	0.9975	0.8078	0.9647	0.9209
34.8	0.9984	0.4803	0.9674	0.9978	0.8183	0.9650	0.9425
34.9	0.9982	0.5974	0.9670	0.9977	0.8188	0.9724	0.9326
35.0	0.9982	0.6965	0.9588	0.9976	0.8698	0.9753	0.9360
35.1	0.9981	0.7503	0.9407	0.9972	0.8757	0.9697	0.9119
35.2	0.9978	0.6652	0.9191	0.9966	0.8346	0.9670	0.9245
35.3	0.9956	0.6070	0.8962	0.9937	0.7633	0.9610	0.9035
35.4	0.9984	0.8353	0.9429	0.9975	0.8933	0.9802	0.9366
35.5	0.9987	0.8439	0.9477	0.9981	0.8901	0.9829	0.9339
35.6	0.9984	0.7929	0.9500	0.9975	0.8779	0.9813	0.9435
35.7	0.9987	0.8340	0.9442	0.9980	0.8703	0.9850	0.9408
35.8	0.9984	0.8401	0.9368	0.9976	0.8768	0.9867	0.9363
35.9	0.9985	0.8294	0.9544	0.9978	0.8741	0.9885	0.9444
36.0	0.9979	0.8518	0.9456	0.9970	0.8617	0.9882	0.9470
36.1	0.9976	0.8578	0.9298	0.9967	0.8645	0.9880	0.9424
36.2	0.9973	0.8652	0.9337	0.9968	0.8393	0.9900	0.9375
36.3	0.9981	0.8738	0.9536	0.9978	0.8570	0.9923	0.9360
36.4	0.9977	0.8700	0.9507	0.9968	0.8517	0.9884	0.9352
36.5	0.9981	0.8672	0.9560	0.9976	0.8607	0.9936	0.9582
36.6	0.9981	0.8359	0.9706	0.9979	0.8265	0.9953	0.9669
36.7	0.9984	0.8487	0.9578	0.9979	0.8318	0.9944	0.9539
36.8	0.9986	0.8658	0.9671	0.9983	0.8733	0.9953	0.9506
36.9	0.9978	0.8700	0.9690	0.9974	0.8763	0.9954	0.9458
37.0	0.9985	0.9305	0.9774	0.9982	0.9235	0.9965	0.9536
37.1	0.9980	0.9277	0.9756	0.9976	0.9207	0.9955	0.9578
37.2	0.9978	0.8970	0.9794	0.9978	0.8839	0.9965	0.9588
37.3	0.9975	0.9068	0.9840	0.9972	0.8924	0.9962	0.9484
37.4	0.9977	0.9341	0.9802	0.9977	0.8977	0.9951	0.9525
37.5	0.9968	0.9456	0.9798	0.9965	0.9323	0.9949	0.9568
37.6	0.9979	0.9597	0.9763	0.9978	0.9476	0.9955	0.9650
37.7	0.9979	0.9661	0.9708	0.9979	0.9598	0.9948	0.9676
37.8	0.9980	0.9720	0.9640	0.9979	0.9700	0.9948	0.9631
37.9	0.9976	0.9657	0.9543	0.9970	0.9568	0.9923	0.9266
38.0	0.9978	0.9746	0.9756	0.9971	0.9603	0.9951	0.9440
38.1	0.9975	0.9771	0.9755	0.9967	0.9684	0.9942	0.9290
38.2	0.9985	0.9868	0.9807	0.9980	0.9789	0.9951	0.9089
38.3	0.9983	0.9831	0.9816	0.9981	0.9730	0.9944	0.8538
38.4	0.9976	0.9842	0.9832	0.9981	0.9739	0.9950	0.7446
38.5	0.9979	0.9851	0.9753	0.9983	0.9702	0.9910	0.7178
38.6	0.9975	0.9843	0.9760	0.9977	0.9706	0.9880	0.8286
38.7	0.9979	0.9888	0.9845	0.9981	0.9778	0.9879	0.8444
38.8	0.9980	0.9901	0.9865	0.9982	0.9793	0.9844	0.8706
38.9	0.9982	0.9892	0.9885	0.9983	0.9723	0.9834	0.8519
39.0	0.9974	0.9858	0.9889	0.9978	0.9667	0.9786	0.8214
39.1	0.9975	0.9884	0.9916	0.9982	0.9600	0.9783	0.8588
39.2	0.9968	0.9880	0.9905	0.9976	0.9501	0.9649	0.8668
39.3	0.9975	0.9864	0.9923	0.9983	0.9440	0.9631	0.8710
39.4	0.9967	0.9673	0.9899	0.9974	0.8770	0.9504	0.7798
39.5	0.9965	0.9796	0.9920	0.9972	0.9312	0.9573	0.7810
39.6	0.9953	0.9827	0.9927	0.9967	0.9515	0.9651	0.7991
39.7	0.9956	0.9604	0.9891	0.9966	0.9069	0.9595	0.7843
39.8	0.9963	0.9800	0.9886	0.9976	0.9490	0.9472	0.7668
39.9	0.9959	0.9848	0.9905	0.9973	0.9571	0.9442	0.7668
40.0	0.9962	0.9847	0.9915	0.9974	0.9540	0.9470	0.8012
40.1	0.9961	0.9832	0.9909	0.9973	0.9506	0.9211	0.7643
40.2	0.9964	0.9863	0.9931	0.9978	0.9648	0.9202	0.7849
40.3	0.9970	0.9885	0.9923	0.9985	0.9704	0.9171	0.8076
40.4	0.9966	0.9849	0.9924	0.9979	0.9596	0.9376	0.7383
40.5	0.9975	0.9845	0.9933	0.9982	0.9664	0.9502	0.7310
40.6	0.9973	0.9859	0.9931	0.9980	0.9704	0.9432	0.6125
40.7	0.9951	0.9815	0.9906	0.9964	0.9600	0.9259	0.5789
40.8	0.9963	0.9844	0.9908	0.9972	0.9721	0.9376	0.6781
40.9	0.9979	0.9848	0.9925	0.9982	0.9740	0.9590	0.6082
41.0	0.9972	0.9843	0.9908	0.9978	0.9643	0.9498	0.5418
41.1	0.9965	0.9842	0.9898	0.9970	0.9603	0.9259	0.6225
41.2	0.9974	0.9870	0.9904	0.9975	0.9725	0.9236	0.7286
41.3	0.9973	0.9842	0.9840	0.9978	0.9695	0.9197	0.7245
41.4	0.9966	0.9813	0.9743	0.9979	0.9641	0.9180	0.6513
41.5	0.9965	0.9810	0.9844	0.9981	0.9531	0.9222	0.6994
41.6	0.9972	0.9758	0.9882	0.9982	0.9304	0.8982	0.7863
41.7	0.9961	0.9733	0.9858	0.9981	0.9267	0.8194	0.8668
41.8	0.9948	0.9726	0.9823	0.9972	0.9325	0.8218	0.9111
41.9	0.9961	0.9754	0.9858	0.9975	0.9438	0.8460	0.9025
42.0	0.9970	0.9778	0.9849	0.9979	0.9570	0.8040	0.8958
42.1	0.9963	0.9818	0.9838	0.9985	0.9612	0.8449	0.8864
42.2	0.9961	0.9779	0.9874	0.9983	0.9579	0.8437	0.9182
42.3	0.9955	0.9757	0.9885	0.9970	0.9537	0.9032	0.9189

42.4	0.9954	0.9751	0.9880	0.9970	0.9513	0.9451	0.8976
42.5	0.9951	0.9703	0.9827	0.9967	0.9390	0.9337	0.9146
42.6	0.9963	0.9692	0.9833	0.9966	0.9363	0.9492	0.9345
42.7	0.9924	0.9635	0.9916	0.9973	0.9067	0.9716	0.9467
42.8	0.9945	0.9572	0.9888	0.9953	0.9057	0.9543	0.9346
42.9	0.9959	0.9573	0.9847	0.9948	0.9283	0.9619	0.9480
43.0	0.9937	0.9582	0.9854	0.9940	0.9368	0.9735	0.9413
43.1	0.9926	0.9607	0.9873	0.9949	0.9339	0.9777	0.9539
43.2	0.9933	0.9658	0.9781	0.9966	0.9268	0.9641	0.9695
43.3	0.9928	0.9730	0.9732	0.9969	0.9386	0.9674	0.9716
43.4	0.9895	0.9671	0.9762	0.9964	0.9273	0.9736	0.9638
43.5	0.9870	0.9616	0.9707	0.9932	0.9131	0.9678	0.9435
43.6	0.9861	0.9562	0.9663	0.9891	0.9071	0.9637	0.9214
43.7	0.9827	0.9532	0.9714	0.9920	0.9020	0.9731	0.9361
43.8	0.9731	0.9392	0.9587	0.9924	0.8640	0.9605	0.9299
43.9	0.9662	0.9473	0.9555	0.9926	0.8868	0.9651	0.9421
44.0	0.9451	0.9328	0.9509	0.9871	0.8799	0.9625	0.9189
44.1	0.9482	0.9173	0.9280	0.9795	0.8574	0.9526	0.9096
44.2	0.9352	0.8857	0.8923	0.9634	0.8187	0.9394	0.8872
44.3	0.9493	0.8853	0.8599	0.9485	0.8210	0.9356	0.9003
44.4	0.9695	0.8934	0.9123	0.9492	0.8225	0.9467	0.9137
44.5	0.9524	0.8721	0.9309	0.9612	0.7721	0.9481	0.9202
44.6	0.9280	0.8097	0.9047	0.9434	0.7017	0.9437	0.8655
44.7	0.9241	0.8673	0.9303	0.9614	0.8100	0.9592	0.8903
44.8	0.8753	0.8507	0.9338	0.9672	0.7738	0.9597	0.9041
44.9	0.7127	0.7361	0.8543	0.9488	0.6444	0.9070	0.8274
45.0	0.6341	0.7725	0.8331	0.9305	0.7222	0.8979	0.7831
45.1	0.7109	0.8072	0.8452	0.9264	0.7686	0.9157	0.7850
45.2	0.7820	0.8395	0.8347	0.9229	0.8019	0.9103	0.8036
45.3	0.7222	0.7818	0.7660	0.8779	0.7202	0.8963	0.7358
45.4	0.7706	0.7589	0.7562	0.8913	0.6982	0.8929	0.7034
45.5	0.7889	0.7748	0.7434	0.8679	0.7299	0.8878	0.7667
45.6	0.7979	0.7733	0.7188	0.8191	0.7332	0.8910	0.7391
45.7	0.7916	0.7586	0.6991	0.7651	0.7257	0.8809	0.7069
45.8	0.8056	0.7944	0.7210	0.7969	0.7675	0.8881	0.7325
45.9	0.8362	0.8221	0.7380	0.8360	0.8035	0.9070	0.8012
46.0	0.8851	0.8618	0.7736	0.8284	0.8492	0.9309	0.8490
46.1	0.8657	0.8240	0.6394	0.7197	0.8058	0.9198	0.7920
46.2	0.8605	0.7787	0.5945	0.6544	0.7664	0.9002	0.7800
46.3	0.7649	0.6622	0.4897	0.5816	0.6456	0.8226	0.6845
46.4	0.8173	0.7054	0.4586	0.5773	0.6954	0.8265	0.7383
46.5	0.8985	0.8062	0.4713	0.5451	0.8023	0.9061	0.7740
46.6	0.9101	0.8499	0.4936	0.4897	0.8459	0.9278	0.7954
46.7	0.9091	0.8746	0.6103	0.5405	0.8672	0.9187	0.8039
46.8	0.9009	0.8586	0.5792	0.5638	0.8528	0.8952	0.8054
46.9	0.9174	0.8743	0.6125	0.6432	0.8707	0.9153	0.8343
47.0	0.8999	0.8391	0.3815	0.5374	0.8346	0.8940	0.8136
47.1	0.9054	0.8512	0.3077	0.4111	0.8493	0.8973	0.8156
47.2	0.9187	0.8710	0.5921	0.1269	0.8633	0.9209	0.8552
47.3	0.9036	0.8235	0.6603	0.3800	0.8160	0.9235	0.8272
47.4	0.8440	0.7644	0.5701	0.4251	0.7532	0.8846	0.7403
47.5	0.7808	0.6617	0.4221	0.3020	0.6609	0.8161	0.6074
47.6	0.8845	0.8071	0.6646	0.5591	0.8102	0.8796	0.7803
47.7	0.8833	0.7962	0.6197	0.4916	0.8010	0.8726	0.7451
47.8	0.9325	0.8586	0.6688	0.5807	0.8697	0.9340	0.8195
47.9	0.9541	0.8822	0.6537	0.5958	0.8933	0.9400	0.8436
48.0	0.9590	0.8867	0.6656	0.7163	0.8958	0.9526	0.8662
48.1	0.9374	0.8254	0.2564	0.5374	0.8416	0.9434	0.8226
48.2	0.9146	0.8366	0.3993	0.4078	0.8529	0.9271	0.7523
48.3	0.9264	0.8535	0.5259	0.5628	0.8679	0.9343	0.7937
48.4	0.9178	0.8367	0.4255	0.6554	0.8564	0.9304	0.7979
48.5	0.9074	0.8060	0.4685	0.6476	0.8258	0.9331	0.7715
48.6	0.9407	0.8994	0.6791	0.7652	0.9090	0.9600	0.8524
48.7	0.9515	0.9370	0.7605	0.8358	0.9391	0.9751	0.8949
48.8	0.9408	0.9225	0.6126	0.8716	0.9270	0.9730	0.8700
48.9	0.9150	0.8536	0.3199	0.8742	0.8742	0.9625	0.7696
49.0	0.9188	0.8423	0.2258	0.8813	0.8689	0.9640	0.7793
49.1	0.9052	0.8068	0.1481	0.8254	0.8309	0.9518	0.7693
49.2	0.9397	0.8556	0.5225	0.6087	0.8715	0.9579	0.8317
49.3	0.9675	0.9193	0.8187	0.7662	0.9273	0.9744	0.8880
49.4	0.9086	0.8213	0.6865	0.7522	0.8380	0.9422	0.7155
49.5	0.8440	0.7074	0.4817	0.6819	0.7500	0.9220	0.5895
49.6	0.7838	0.6423	0.3718	0.5758	0.6875	0.8975	0.4044
49.7	0.8376	0.7413	0.5156	0.6684	0.7679	0.9097	0.5219
49.8	0.9287	0.8749	0.7927	0.8480	0.8853	0.9594	0.7933
49.9	0.9475	0.8683	0.7325	0.8712	0.8834	0.9612	0.8419
50.0	0.8945	0.7868	0.4497	0.8293	0.8192	0.9464	0.6573
50.1	0.9080	0.8300	0.6283	0.8621	0.8541	0.9546	0.6993
50.2	0.8619	0.7687	0.6035	0.8152	0.8004	0.9322	0.5629
50.3	0.8942	0.8125	0.7244	0.8735	0.8438	0.9566	0.6410
50.4	0.9306	0.8489	0.7742	0.9205	0.8786	0.9758	0.7388
50.5	0.9821	0.9545	0.9201	0.9230	0.9628	0.9911	0.9081
50.6	0.9596	0.9223	0.7843	0.8893	0.9343	0.9762	0.7701
50.7	0.9361	0.8750	0.5698	0.9199	0.8914	0.9613	0.6829
50.8	0.9426	0.8960	0.6858	0.9183	0.9097	0.9642	0.7356
50.9	0.8741	0.8048	0.4677	0.8112	0.8269	0.9187	0.5849

51.0	0.8517	0.7681	0.3714	0.6497	0.7942	0.8922	0.5512
51.1	0.9255	0.8479	0.6580	0.5860	0.8667	0.9332	0.8412
51.2	0.8777	0.7965	0.7019	0.7138	0.8234	0.9192	0.6633
51.3	0.8999	0.8381	0.7802	0.7992	0.8614	0.9487	0.6624
51.4	0.9059	0.8550	0.7590	0.7728	0.8757	0.9551	0.6621
51.5	0.9361	0.8814	0.6962	0.4044	0.9004	0.9590	0.7190
51.6	0.9557	0.9371	0.8593	0.5273	0.9448	0.9692	0.8276
51.7	0.9624	0.9492	0.9084	0.7356	0.9551	0.9730	0.8485
51.8	0.9659	0.9528	0.9325	0.6952	0.9584	0.9793	0.8787
51.9	0.9592	0.9318	0.8912	0.6566	0.9417	0.9656	0.8632
52.0	0.9698	0.9648	0.9501	0.8701	0.9688	0.9789	0.8813
52.1	0.9638	0.9555	0.9522	0.8740	0.9620	0.9792	0.8667
52.2	0.9431	0.9299	0.9324	0.8201	0.9402	0.9684	0.8109
52.3	0.9417	0.9400	0.9254	0.8603	0.9485	0.9625	0.8867
52.4	0.9222	0.9017	0.8535	0.7461	0.9147	0.9554	0.8032
52.5	0.9430	0.9324	0.9081	0.8425	0.9399	0.9568	0.8685
52.6	0.9651	0.9609	0.9604	0.9093	0.9662	0.9719	0.9123
52.7	0.9482	0.9387	0.9230	0.8159	0.9465	0.9637	0.8722
52.8	0.9454	0.9317	0.9284	0.8253	0.9409	0.9652	0.8559
52.9	0.9317	0.9306	0.9317	0.8789	0.9393	0.9545	0.8328
53.0	0.9805	0.9773	0.9862	0.9433	0.9802	0.9886	0.9518
53.1	0.9520	0.9536	0.9715	0.9272	0.9580	0.9723	0.8992
53.2	0.9656	0.9684	0.9820	0.9515	0.9710	0.9796	0.9240
53.3	0.9511	0.9646	0.9782	0.9447	0.9681	0.9788	0.9093
53.4	0.9402	0.9534	0.9724	0.9509	0.9590	0.9774	0.8795
53.5	0.9399	0.9457	0.9643	0.9337	0.9521	0.9759	0.8708
53.6	0.9531	0.9633	0.9621	0.9475	0.9674	0.9791	0.9205
53.7	0.9402	0.9470	0.9472	0.9039	0.9542	0.9773	0.8814
53.8	0.9298	0.9101	0.9172	0.8361	0.9197	0.9683	0.8246
53.9	0.9313	0.9278	0.9410	0.8806	0.9336	0.9691	0.8592
54.0	0.9534	0.9532	0.9712	0.9207	0.9583	0.9784	0.9022
54.1	0.9242	0.9144	0.9541	0.8679	0.9268	0.9596	0.8665
54.2	0.9178	0.8899	0.9291	0.8194	0.9027	0.9613	0.8502
54.3	0.9599	0.9508	0.9706	0.9176	0.9558	0.9789	0.9070
54.4	0.9644	0.9692	0.9826	0.9537	0.9710	0.9836	0.9240
54.5	0.9613	0.9657	0.9813	0.9449	0.9675	0.9785	0.9329
54.6	0.9640	0.9734	0.9847	0.9642	0.9742	0.9802	0.9475
54.7	0.9596	0.9647	0.9684	0.9573	0.9680	0.9754	0.9561
54.8	0.9637	0.9636	0.9656	0.9540	0.9674	0.9769	0.9421
54.9	0.9705	0.9779	0.9852	0.9728	0.9782	0.9840	0.9518
55.0	0.9673	0.9810	0.9877	0.9795	0.9819	0.9820	0.9630
55.1	0.9804	0.9903	0.9952	0.9875	0.9913	0.9921	0.9760
55.2	0.9768	0.9864	0.9941	0.9826	0.9880	0.9877	0.9697
55.3	0.9726	0.9851	0.9939	0.9835	0.9866	0.9874	0.9689
55.4	0.9434	0.9748	0.9866	0.9713	0.9759	0.9768	0.9580
55.5	0.9391	0.9716	0.9789	0.9640	0.9709	0.9776	0.9544
55.6	0.9616	0.9816	0.9872	0.9795	0.9814	0.9841	0.9633
55.7	0.9754	0.9896	0.9951	0.9882	0.9897	0.9904	0.9709
55.8	0.9662	0.9864	0.9942	0.9845	0.9868	0.9885	0.9630
55.9	0.9496	0.9851	0.9900	0.9811	0.9846	0.9835	0.9604
56.0	0.9187	0.9741	0.9715	0.9668	0.9733	0.9685	0.9575
56.1	0.9272	0.9659	0.9608	0.9516	0.9654	0.9575	0.9606
56.2	0.9762	0.9887	0.9911	0.9830	0.9889	0.9854	0.9772
56.3	0.9760	0.9915	0.9958	0.9895	0.9923	0.9921	0.9769
56.4	0.9732	0.9892	0.9952	0.9865	0.9893	0.9898	0.9686
56.5	0.9630	0.9838	0.9940	0.9827	0.9845	0.9897	0.9570
56.6	0.9790	0.9910	0.9968	0.9902	0.9910	0.9942	0.9784
56.7	0.9792	0.9939	0.9976	0.9933	0.9937	0.9957	0.9816
56.8	0.9775	0.9925	0.9973	0.9894	0.9921	0.9947	0.9784
56.9	0.9661	0.9918	0.9960	0.9903	0.9915	0.9934	0.9757
57.0	0.9650	0.9913	0.9951	0.9912	0.9911	0.9918	0.9770
57.1	0.9174	0.9856	0.9789	0.9871	0.9859	0.9875	0.9732
57.2	0.8643	0.9699	0.9633	0.9702	0.9703	0.9771	0.9622
57.3	0.9304	0.9764	0.9840	0.9753	0.9754	0.9779	0.9622
57.4	0.9589	0.9867	0.9941	0.9879	0.9868	0.9890	0.9764
57.5	0.9482	0.9881	0.9944	0.9878	0.9880	0.9890	0.9712
57.6	0.9408	0.9878	0.9952	0.9880	0.9871	0.9897	0.9751
57.7	0.9400	0.9903	0.9963	0.9900	0.9893	0.9892	0.9774
57.8	0.9581	0.9926	0.9968	0.9927	0.9915	0.9927	0.9844
57.9	0.9612	0.9907	0.9963	0.9913	0.9896	0.9934	0.9862
58.0	0.9590	0.9893	0.9970	0.9894	0.9889	0.9927	0.9857
58.1	0.9596	0.9896	0.9967	0.9905	0.9894	0.9927	0.9838
58.2	0.9597	0.9904	0.9963	0.9895	0.9893	0.9927	0.9829
58.3	0.9608	0.9919	0.9968	0.9910	0.9913	0.9921	0.9835
58.4	0.9531	0.9894	0.9961	0.9908	0.9887	0.9914	0.9817
58.5	0.9259	0.9860	0.9940	0.9897	0.9852	0.9886	0.9758
58.6	0.9312	0.9861	0.9941	0.9880	0.9851	0.9854	0.9792
58.7	0.9481	0.9868	0.9960	0.9871	0.9859	0.9828	0.9808
58.8	0.9490	0.9854	0.9960	0.9875	0.9845	0.9809	0.9787
58.9	0.9338	0.9840	0.9963	0.9890	0.9828	0.9863	0.9832
59.0	0.9007	0.9764	0.9953	0.9835	0.9735	0.9828	0.9810
59.1	0.9399	0.9874	0.9972	0.9895	0.9856	0.9857	0.9864
59.2	0.9415	0.9878	0.9961	0.9899	0.9872	0.9866	0.9828
59.3	0.9382	0.9871	0.9954	0.9883	0.9872	0.9875	0.9812
59.4	0.9278	0.9869	0.9954	0.9885	0.9857	0.9911	0.9815
59.5	0.9354	0.9880	0.9960	0.9874	0.9861	0.9921	0.9808

59.6	0.9527	0.9918	0.9968	0.9897	0.9902	0.9934	0.9856
59.7	0.9387	0.9898	0.9968	0.9807	0.9875	0.9923	0.9839
59.8	0.9309	0.9869	0.9951	0.8716	0.9853	0.9932	0.9802
59.9	0.9154	0.9832	0.9928	0.0047	0.9803	0.9952	0.9567
60.0	0.9119	0.9888	0.9939	0.0314	0.9857	0.9951	0.9411
60.1	0.9421	0.9902	0.9964	0.0436	0.9891	0.9960	0.9726
60.2	0.9213	0.9833	0.9945	0.7957	0.9812	0.9967	0.9695
60.3	0.9339	0.9844	0.9944	0.9782	0.9827	0.9963	0.9726
60.4	0.9475	0.9843	0.9950	0.9848	0.9833	0.9968	0.9739
60.5	0.9553	0.9869	0.9952	0.9865	0.9858	0.9949	0.9785
60.6	0.9501	0.9852	0.9955	0.9869	0.9828	0.9939	0.9785
60.7	0.9417	0.9822	0.9940	0.9845	0.9796	0.9950	0.9718
60.8	0.9453	0.9817	0.9948	0.9838	0.9807	0.9957	0.9692
60.9	0.9544	0.9825	0.9956	0.9859	0.9811	0.9965	0.9735
61.0	0.9586	0.9827	0.9960	0.9859	0.9806	0.9942	0.9761
61.1	0.9528	0.9787	0.9953	0.9848	0.9772	0.9939	0.9713
61.2	0.9442	0.9768	0.9940	0.9818	0.9738	0.9938	0.9616
61.3	0.9457	0.9787	0.9941	0.9794	0.9749	0.9941	0.9610
61.4	0.9485	0.9786	0.9938	0.9804	0.9758	0.9933	0.9611
61.5	0.9549	0.9801	0.9948	0.9825	0.9781	0.9929	0.9627
61.6	0.9568	0.9808	0.9949	0.9809	0.9783	0.9934	0.9618
61.7	0.9535	0.9759	0.9925	0.9745	0.9718	0.9930	0.9508
61.8	0.9626	0.9822	0.9945	0.9802	0.9795	0.9932	0.9603
61.9	0.9642	0.9846	0.9955	0.9833	0.9815	0.9938	0.9645
62.0	0.9751	0.9875	0.9963	0.9857	0.9856	0.9944	0.9688
62.1	0.9752	0.9863	0.9961	0.9870	0.9843	0.9942	0.9652
62.2	0.9784	0.9865	0.9965	0.9871	0.9852	0.9948	0.9693
62.3	0.9821	0.9859	0.9964	0.9872	0.9841	0.9942	0.9714
62.4	0.9793	0.9870	0.9966	0.9850	0.9849	0.9947	0.9680
62.5	0.9768	0.9822	0.9965	0.9862	0.9801	0.9942	0.9616
62.6	0.9843	0.9873	0.9972	0.9898	0.9852	0.9954	0.9701
62.7	0.9857	0.9874	0.9977	0.9894	0.9860	0.9949	0.9732
62.8	0.9837	0.9849	0.9967	0.9905	0.9839	0.9938	0.9669
62.9	0.9887	0.9855	0.9972	0.9920	0.9839	0.9950	0.9766
63.0	0.9917	0.9883	0.9976	0.9928	0.9873	0.9953	0.9832
63.1	0.9901	0.9889	0.9955	0.9923	0.9894	0.9926	0.9789
63.2	0.9931	0.9857	0.9949	0.9922	0.9851	0.9926	0.9790
63.3	0.9939	0.9885	0.9964	0.9937	0.9883	0.9947	0.9840
63.4	0.9947	0.9859	0.9964	0.9949	0.9867	0.9948	0.9801
63.5	0.9938	0.9763	0.9957	0.9951	0.9774	0.9932	0.9727
63.6	0.9959	0.9877	0.9970	0.9951	0.9881	0.9949	0.9849
63.7	0.9967	0.9892	0.9958	0.9944	0.9896	0.9933	0.9875
63.8	0.9944	0.9791	0.9929	0.9909	0.9798	0.9898	0.9791
63.9	0.9923	0.9802	0.9899	0.9899	0.9769	0.9837	0.9741
64.0	0.9956	0.9864	0.9937	0.9927	0.9846	0.9898	0.9827
64.1	0.9972	0.9899	0.9967	0.9956	0.9888	0.9953	0.9889
64.2	0.9957	0.9877	0.9946	0.9954	0.9877	0.9932	0.9891
64.3	0.9951	0.9873	0.9940	0.9942	0.9874	0.9923	0.9903
64.4	0.9956	0.9873	0.9945	0.9941	0.9857	0.9926	0.9875
64.5	0.9942	0.9846	0.9935	0.9934	0.9818	0.9910	0.9833
64.6	0.9953	0.9863	0.9929	0.9931	0.9835	0.9907	0.9861
64.7	0.9948	0.9856	0.9908	0.9925	0.9839	0.9884	0.9856
64.8	0.9963	0.9881	0.9936	0.9942	0.9863	0.9919	0.9907
64.9	0.9961	0.9873	0.9936	0.9929	0.9864	0.9927	0.9899
65.0	0.9955	0.9877	0.9938	0.9884	0.9868	0.9938	0.9883
65.1	0.9924	0.9776	0.9896	0.9851	0.9760	0.9885	0.9820
65.2	0.9937	0.9821	0.9895	0.9886	0.9808	0.9891	0.9838
65.3	0.9952	0.9863	0.9926	0.9928	0.9847	0.9917	0.9903
65.4	0.9954	0.9874	0.9937	0.9928	0.9853	0.9935	0.9897
65.5	0.9949	0.9845	0.9919	0.9892	0.9815	0.9919	0.9879
65.6	0.9939	0.9832	0.9884	0.9902	0.9808	0.9868	0.9884
65.7	0.9928	0.9804	0.9880	0.9908	0.9799	0.9874	0.9852
65.8	0.9906	0.9757	0.9867	0.9877	0.9743	0.9871	0.9809
65.9	0.9911	0.9802	0.9893	0.9860	0.9780	0.9891	0.9828
66.0	0.9911	0.9816	0.9900	0.9869	0.9796	0.9900	0.9858
66.1	0.9918	0.9817	0.9918	0.9896	0.9803	0.9919	0.9875
66.2	0.9928	0.9859	0.9919	0.9909	0.9845	0.9917	0.9893
66.3	0.9896	0.9791	0.9882	0.9879	0.9769	0.9879	0.9853
66.4	0.9895	0.9826	0.9872	0.9871	0.9810	0.9861	0.9869
66.5	0.9896	0.9822	0.9872	0.9848	0.9792	0.9864	0.9867
66.6	0.9879	0.9777	0.9856	0.9833	0.9732	0.9851	0.9864
66.7	0.9897	0.9809	0.9875	0.9828	0.9782	0.9878	0.9848
66.8	0.9890	0.9790	0.9851	0.9816	0.9772	0.9859	0.9830
66.9	0.9828	0.9738	0.9800	0.9847	0.9706	0.9804	0.9825
67.0	0.9881	0.9791	0.9847	0.9837	0.9762	0.9851	0.9859
67.1	0.9867	0.9801	0.9827	0.9829	0.9775	0.9832	0.9833
67.2	0.9778	0.9660	0.9722	0.9795	0.9630	0.9717	0.9763
67.3	0.9854	0.9808	0.9794	0.9795	0.9781	0.9784	0.9809
67.4	0.9857	0.9757	0.9834	0.9765	0.9724	0.9829	0.9775
67.5	0.9843	0.9770	0.9822	0.9764	0.9747	0.9820	0.9807
67.6	0.9812	0.9729	0.9765	0.9778	0.9704	0.9774	0.9709
67.7	0.9818	0.9739	0.9755	0.9800	0.9708	0.9761	0.9686
67.8	0.9793	0.9733	0.9771	0.9787	0.9698	0.9763	0.9737
67.9	0.9794	0.9738	0.9756	0.9738	0.9713	0.9758	0.9707
68.0	0.9787	0.9704	0.9763	0.9815	0.9676	0.9769	0.9660
68.1	0.9742	0.9654	0.9708	0.9760	0.9645	0.9714	0.9587

68.2	0.9724	0.9641	0.9665	0.9682	0.9624	0.9667	0.9564
68.3	0.9773	0.9703	0.9737	0.9758	0.9688	0.9739	0.9665
68.4	0.9731	0.9635	0.9688	0.9684	0.9604	0.9685	0.9606
68.5	0.9735	0.9625	0.9657	0.9673	0.9602	0.9675	0.9632
68.6	0.9719	0.9649	0.9660	0.9666	0.9622	0.9663	0.9593
68.7	0.9716	0.9676	0.9654	0.9559	0.9649	0.9655	0.9599
68.8	0.9741	0.9691	0.9697	0.9576	0.9652	0.9695	0.9609
68.9	0.9640	0.9557	0.9585	0.9450	0.9515	0.9596	0.9451
69.0	0.9751	0.9687	0.9712	0.9535	0.9657	0.9717	0.9643
69.1	0.9689	0.9599	0.9642	0.9564	0.9551	0.9638	0.9598
69.2	0.9715	0.9581	0.9659	0.9654	0.9557	0.9663	0.9605
69.3	0.9572	0.9334	0.9509	0.9481	0.9307	0.9514	0.9421
69.4	0.9751	0.9614	0.9687	0.9549	0.9574	0.9691	0.9673
69.5	0.9664	0.9589	0.9537	0.9408	0.9515	0.9551	0.9620
69.6	0.9683	0.9610	0.9549	0.9474	0.9545	0.9571	0.9555
69.7	0.9647	0.9540	0.9554	0.9499	0.9463	0.9566	0.9495
69.8	0.9641	0.9516	0.9548	0.9553	0.9382	0.9547	0.9473
69.9	0.9755	0.9608	0.9690	0.9643	0.9537	0.9692	0.9566
70.0	0.9721	0.9637	0.9666	0.9547	0.9595	0.9675	0.9496
70.1	0.9682	0.9595	0.9639	0.9616	0.9567	0.9650	0.9535
70.2	0.9632	0.9562	0.9566	0.9570	0.9498	0.9571	0.9371
70.3	0.9611	0.9558	0.9474	0.9400	0.9494	0.9478	0.9290
70.4	0.9560	0.9525	0.9384	0.9486	0.9460	0.9412	0.9459
70.5	0.9664	0.9657	0.9555	0.9587	0.9605	0.9568	0.9577
70.6	0.9626	0.9581	0.9541	0.9524	0.9506	0.9545	0.9437
70.7	0.9710	0.9668	0.9579	0.9481	0.9611	0.9596	0.9425
70.8	0.9683	0.9604	0.9602	0.9381	0.9544	0.9617	0.9370
70.9	0.9762	0.9714	0.9649	0.9376	0.9659	0.9667	0.9391
71.0	0.9684	0.9582	0.9593	0.9096	0.9525	0.9619	0.9312
71.1	0.9629	0.9552	0.9547	0.8770	0.9477	0.9575	0.9255
71.2	0.9714	0.9565	0.9671	0.7841	0.9553	0.9698	0.9293
71.3	0.9679	0.9385	0.9657	0.6190	0.9417	0.9674	0.9136
71.4	0.9669	0.9237	0.9652	0.5311	0.9280	0.9664	0.8819
71.5	0.9708	0.9315	0.9672	0.5678	0.9345	0.9696	0.8820
71.6	0.9749	0.9372	0.9697	0.6216	0.9447	0.9731	0.9024
71.7	0.9745	0.9230	0.9707	0.6224	0.9337	0.9731	0.8988
71.8	0.9670	0.8918	0.9665	0.6705	0.9096	0.9707	0.8644
71.9	0.9750	0.8973	0.9764	0.7453	0.9266	0.9798	0.8700
72.0	0.9782	0.8936	0.9780	0.6880	0.9287	0.9823	0.8679
72.1	0.9720	0.8612	0.9643	0.6413	0.9043	0.9708	0.8420
72.2	0.9747	0.8575	0.9712	0.5861	0.9114	0.9775	0.8242
72.3	0.9670	0.8173	0.9679	0.6048	0.8849	0.9747	0.8058
72.4	0.9662	0.8332	0.9673	0.6326	0.8896	0.9752	0.8119
72.5	0.9780	0.8714	0.9742	0.6346	0.9201	0.9810	0.8556
72.6	0.9785	0.8857	0.9742	0.5771	0.9226	0.9808	0.8633
72.7	0.9756	0.8654	0.9708	0.5801	0.9063	0.9778	0.8261
72.8	0.9743	0.8808	0.9622	0.5559	0.9136	0.9712	0.8291
72.9	0.9826	0.9063	0.9705	0.4972	0.9379	0.9776	0.8674
73.0	0.9829	0.9196	0.9732	0.4006	0.9455	0.9802	0.8920
73.1	0.9779	0.8866	0.9671	0.1477	0.9297	0.9758	0.8637
73.2	0.9828	0.8955	0.9682	0.0396	0.9388	0.9762	0.8807
73.3	0.9835	0.9080	0.9747	0.1151	0.9479	0.9805	0.8945
73.4	0.9820	0.9064	0.9733	0.2226	0.9477	0.9788	0.8868
73.5	0.9858	0.9219	0.9723	0.2774	0.9597	0.9775	0.9137
73.6	0.9876	0.9340	0.9755	0.4941	0.9676	0.9795	0.9371
73.7	0.9896	0.9365	0.9820	0.6446	0.9715	0.9846	0.9403
73.8	0.9892	0.9241	0.9788	0.6019	0.9665	0.9817	0.9296
73.9	0.9885	0.9349	0.9787	0.6640	0.9682	0.9816	0.9393
74.0	0.9895	0.9393	0.9770	0.7766	0.9725	0.9796	0.9481
74.1	0.9902	0.9367	0.9744	0.7834	0.9720	0.9770	0.9482
74.2	0.9869	0.9298	0.9720	0.8079	0.9672	0.9755	0.9455
74.3	0.9866	0.9379	0.9744	0.8652	0.9684	0.9779	0.9562
74.4	0.9890	0.9429	0.9718	0.8885	0.9716	0.9755	0.9582
74.5	0.9902	0.9564	0.9767	0.9209	0.9783	0.9797	0.9658
74.6	0.9897	0.9557	0.9784	0.9242	0.9761	0.9810	0.9687
74.7	0.9887	0.9490	0.9717	0.9276	0.9737	0.9753	0.9638
74.8	0.9903	0.9575	0.9783	0.9423	0.9784	0.9810	0.9678
74.9	0.9880	0.9580	0.9825	0.9559	0.9785	0.9844	0.9722
75.0	0.9877	0.9526	0.9787	0.9540	0.9753	0.9806	0.9711
75.1	0.9852	0.9397	0.9733	0.9446	0.9681	0.9766	0.9604
75.2	0.9863	0.9523	0.9759	0.9599	0.9745	0.9789	0.9683
75.3	0.9903	0.9661	0.9829	0.9748	0.9830	0.9849	0.9775
75.4	0.9855	0.9530	0.9795	0.9651	0.9740	0.9821	0.9694
75.5	0.9842	0.9519	0.9785	0.9688	0.9749	0.9807	0.9698
75.6	0.9880	0.9677	0.9842	0.9773	0.9796	0.9864	0.9792
75.7	0.9813	0.9526	0.9846	0.9703	0.9708	0.9865	0.9700
75.8	0.9811	0.9534	0.9813	0.9739	0.9720	0.9831	0.9748
75.9	0.9832	0.9618	0.9821	0.9802	0.9747	0.9840	0.9799
76.0	0.9779	0.9476	0.9713	0.9729	0.9666	0.9742	0.9735
76.1	0.9780	0.9455	0.9747	0.9766	0.9689	0.9772	0.9716
76.2	0.9809	0.9590	0.9814	0.9806	0.9722	0.9836	0.9774
76.3	0.9744	0.9449	0.9803	0.9760	0.9648	0.9821	0.9703
76.4	0.9805	0.9618	0.9867	0.9853	0.9757	0.9886	0.9801
76.5	0.9885	0.9771	0.9890	0.9892	0.9826	0.9907	0.9860
76.6	0.9894	0.9754	0.9894	0.9892	0.9843	0.9906	0.9863
76.7	0.9839	0.9654	0.9884	0.9848	0.9740	0.9902	0.9824

76.8	0.9845	0.9708	0.9852	0.9847	0.9729	0.9888	0.9850
76.9	0.9831	0.9736	0.9863	0.9873	0.9736	0.9895	0.9854
77.0	0.9797	0.9619	0.9787	0.9808	0.9688	0.9836	0.9801
77.1	0.9834	0.9689	0.9824	0.9842	0.9747	0.9872	0.9836
77.2	0.9882	0.9780	0.9844	0.9889	0.9826	0.9884	0.9870
77.3	0.9881	0.9834	0.9850	0.9916	0.9855	0.9897	0.9891
77.4	0.9819	0.9771	0.9827	0.9878	0.9786	0.9879	0.9849
77.5	0.9791	0.9783	0.9806	0.9873	0.9780	0.9874	0.9865
77.6	0.9887	0.9857	0.9863	0.9900	0.9844	0.9918	0.9907
77.7	0.9832	0.9808	0.9887	0.9880	0.9800	0.9929	0.9887
77.8	0.9733	0.9735	0.9879	0.9852	0.9748	0.9922	0.9838
77.9	0.9798	0.9819	0.9874	0.9891	0.9794	0.9927	0.9882
78.0	0.9735	0.9818	0.9839	0.9881	0.9760	0.9903	0.9878
78.1	0.9707	0.9795	0.9825	0.9879	0.9766	0.9895	0.9840
78.2	0.9557	0.9754	0.9828	0.9870	0.9697	0.9888	0.9810
78.3	0.9565	0.9791	0.9826	0.9872	0.9708	0.9895	0.9852
78.4	0.9622	0.9818	0.9852	0.9874	0.9753	0.9910	0.9864
78.5	0.9509	0.9780	0.9877	0.9849	0.9686	0.9922	0.9838
78.6	0.9469	0.9790	0.9850	0.9851	0.9688	0.9917	0.9834
78.7	0.9531	0.9832	0.9846	0.9853	0.9729	0.9920	0.9861
78.8	0.9497	0.9835	0.9840	0.9875	0.9750	0.9908	0.9849
78.9	0.9542	0.9869	0.9804	0.9883	0.9803	0.9888	0.9858
79.0	0.9340	0.9830	0.9829	0.9873	0.9703	0.9898	0.9846
79.1	0.9265	0.9775	0.9863	0.9799	0.9628	0.9928	0.9802
79.2	0.9298	0.9784	0.9790	0.9779	0.9658	0.9892	0.9774
79.3	0.9475	0.9853	0.9785	0.9827	0.9728	0.9902	0.9862
79.4	0.9435	0.9848	0.9819	0.9838	0.9720	0.9914	0.9866
79.5	0.9214	0.9798	0.9801	0.9814	0.9603	0.9900	0.9821
79.6	0.9282	0.9820	0.9830	0.9832	0.9629	0.9910	0.9821
79.7	0.9427	0.9874	0.9823	0.9844	0.9694	0.9918	0.9860
79.8	0.9422	0.9843	0.9830	0.9809	0.9643	0.9912	0.9829
79.9	0.9364	0.9799	0.9841	0.9744	0.9563	0.9903	0.9800
80.0	0.9480	0.9810	0.9790	0.9696	0.9595	0.9890	0.9805

2.2.61 Run 6 – VT000 – Accels 1–8

Vertical shaking at 0°. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.5090	0.5287	0.5046	0.5234	0.3127	0.4104	0.2677	0.3364
0.1	0.1122	0.1101	0.1362	0.0887	0.0375	0.0885	0.0742	0.0461
0.2	0.0310	0.0121	0.0314	0.0004	0.0090	0.0114	0.0398	0.0044
0.3	0.0237	0.0592	0.0174	0.0035	0.0064	0.0224	0.0304	0.0105
0.4	0.0021	0.0106	0.0327	0.0455	0.0087	0.0056	0.0106	0.0042
0.5	0.0245	0.0405	0.0341	0.0617	0.0042	0.0253	0.0048	0.0021
0.6	0.0022	0.1201	0.0430	0.0257	0.0241	0.0232	0.0134	0.0194
0.7	0.0202	0.1659	0.1126	0.0268	0.0315	0.0382	0.0187	0.0472
0.8	0.0414	0.1031	0.1635	0.0026	0.0039	0.0056	0.0092	0.0514
0.9	0.0746	0.2022	0.2919	0.0339	0.0106	0.0679	0.1658	0.0548
1.0	0.1386	0.3390	0.2373	0.0597	0.0562	0.0679	0.2281	0.0528
1.1	0.2986	0.3970	0.2511	0.1275	0.1787	0.2091	0.3187	0.0049
1.2	0.3153	0.5088	0.4380	0.1743	0.1793	0.1992	0.4680	0.0194
1.3	0.2388	0.5509	0.4933	0.1216	0.3118	0.2414	0.4964	0.0977
1.4	0.2754	0.6563	0.5185	0.1493	0.2223	0.2662	0.5157	0.1501
1.5	0.3953	0.7330	0.4726	0.2101	0.2246	0.3685	0.5071	0.2699
1.6	0.4552	0.7434	0.6733	0.1485	0.4624	0.5379	0.6581	0.1612
1.7	0.4766	0.7558	0.7371	0.2963	0.6781	0.7086	0.7420	0.7444
1.8	0.4199	0.8214	0.7453	0.2633	0.8125	0.7377	0.6667	0.8466
1.9	0.4414	0.8434	0.7669	0.3405	0.7973	0.8064	0.6967	0.8555
2.0	0.6017	0.8737	0.5036	0.4319	0.8418	0.6281	0.8264	0.8668
2.1	0.8152	0.7817	0.1381	0.4747	0.9111	0.4364	0.9045	0.7828
2.2	0.8890	0.6641	0.6366	0.5940	0.9009	0.4879	0.9409	0.8413
2.3	0.8752	0.6474	0.8475	0.5952	0.5612	0.8085	0.9313	0.6528
2.4	0.8646	0.1519	0.3700	0.5828	0.4870	0.7557	0.9031	0.5150
2.5	0.8887	0.6204	0.8197	0.6215	0.5277	0.8958	0.9220	0.5192
2.6	0.9116	0.8947	0.9526	0.7271	0.6001	0.8878	0.9580	0.5682
2.7	0.9252	0.9249	0.9524	0.7623	0.4841	0.8703	0.9682	0.6303
2.8	0.9082	0.9045	0.9502	0.6400	0.3812	0.7971	0.9413	0.5200
2.9	0.9045	0.8874	0.9394	0.6559	0.3989	0.6625	0.9512	0.5020
3.0	0.9306	0.9201	0.9513	0.6457	0.2057	0.6345	0.9614	0.5004
3.1	0.9319	0.9151	0.9479	0.6319	0.3611	0.6378	0.9555	0.4801
3.2	0.8992	0.9212	0.9529	0.7200	0.5406	0.4487	0.9556	0.6033
3.3	0.8724	0.9081	0.9523	0.6394	0.2904	0.3220	0.9118	0.4552
3.4	0.8917	0.8783	0.9410	0.5300	0.2900	0.4040	0.9190	0.4236
3.5	0.8887	0.8554	0.9241	0.4314	0.3085	0.4231	0.9267	0.2223
3.6	0.7867	0.7426	0.8204	0.4284	0.0851	0.1773	0.8806	0.1220
3.7	0.8378	0.9135	0.9467	0.5911	0.3260	0.3330	0.9496	0.3531
3.8	0.9875	0.9914	0.9958	0.9475	0.7254	0.8252	0.9935	0.7903
3.9	0.9956	0.9977	0.9987	0.9855	0.9022	0.9409	0.9976	0.8980
4.0	0.9966	0.9983	0.9988	0.9914	0.9404	0.9586	0.9977	0.9405
4.1	0.9960	0.9967	0.9980	0.9840	0.9066	0.9490	0.9973	0.9113
4.2	0.9949	0.9956	0.9965	0.9729	0.8432	0.9196	0.9965	0.8400
4.3	0.9944	0.9950	0.9969	0.9694	0.7933	0.8982	0.9966	0.8204
4.4	0.9919	0.9955	0.9948	0.9675	0.6329	0.8211	0.9956	0.6412
4.5	0.9914	0.9932	0.9950	0.9582	0.5857	0.7330	0.9946	0.5387
4.6	0.9860	0.9887	0.9920	0.9333	0.4204	0.6286	0.9898	0.3445
4.7	0.9881	0.9900	0.9917	0.9344	0.4214	0.6521	0.9936	0.1479
4.8	0.9840	0.9911	0.9918	0.9440	0.3889	0.5593	0.9934	0.0415
4.9	0.9823	0.9916	0.9897	0.9348	0.2470	0.3989	0.9925	0.0012
5.0	0.9841	0.9925	0.9856	0.9399	0.2361	0.3994	0.9892	0.2031
5.1	0.9919	0.9954	0.9952	0.9704	0.3745	0.6452	0.9958	0.2232
5.2	0.9905	0.9952	0.9954	0.9689	0.3004	0.7076	0.9949	0.3380
5.3	0.9871	0.9915	0.9922	0.9442	0.4486	0.3615	0.9938	0.5172
5.4	0.9803	0.9836	0.9879	0.9191	0.4487	0.1381	0.9895	0.4079
5.5	0.9625	0.9631	0.9594	0.8572	0.4855	0.1235	0.9831	0.3578
5.6	0.9772	0.9655	0.9739	0.9098	0.6047	0.4568	0.9898	0.3117
5.7	0.9901	0.9869	0.9908	0.9662	0.7455	0.5344	0.9953	0.1673
5.8	0.9958	0.9957	0.9953	0.9862	0.8592	0.6358	0.9974	0.1346
5.9	0.9971	0.9973	0.9981	0.9923	0.8096	0.5942	0.9974	0.6549
6.0	0.9959	0.9988	0.9988	0.9934	0.8238	0.6149	0.9946	0.8800
6.1	0.9971	0.9995	0.9989	0.9955	0.9205	0.8192	0.9960	0.9265
6.2	0.9967	0.9995	0.9990	0.9958	0.9381	0.8577	0.9953	0.9464
6.3	0.9974	0.9997	0.9996	0.9969	0.9705	0.9601	0.9964	0.9715
6.4	0.9971	0.9997	0.9996	0.9967	0.9662	0.9778	0.9962	0.9756
6.5	0.9953	0.9996	0.9996	0.9951	0.9514	0.9620	0.9935	0.9721
6.6	0.9945	0.9990	0.9990	0.9940	0.9253	0.9453	0.9920	0.9712
6.7	0.9915	0.9981	0.9973	0.9908	0.9191	0.8927	0.9885	0.9632
6.8	0.9832	0.9917	0.9851	0.9820	0.9108	0.7995	0.9776	0.9494
6.9	0.9670	0.9506	0.9158	0.9653	0.8557	0.6738	0.9579	0.9254
7.0	0.9440	0.8663	0.8478	0.9438	0.8183	0.8392	0.9336	0.9016
7.1	0.9101	0.8801	0.8760	0.9101	0.8075	0.8044	0.9002	0.8751
7.2	0.8912	0.9252	0.9234	0.8913	0.7745	0.6295	0.8877	0.8814
7.3	0.9396	0.9744	0.9749	0.9394	0.9088	0.0837	0.9421	0.9480
7.4	0.9296	0.9820	0.9796	0.9307	0.9466	0.5761	0.9377	0.9532
7.5	0.9321	0.9918	0.9902	0.9338	0.9336	0.8704	0.9482	0.9705
7.6	0.9422	0.9978	0.9972	0.9427	0.9386	0.9452	0.9646	0.9858
7.7	0.9631	0.9995	0.9994	0.9628	0.9429	0.9627	0.9829	0.9960
7.8	0.9761	0.9997	0.9997	0.9769	0.9618	0.9610	0.9926	0.9988
7.9	0.9913	0.9995	0.9995	0.9922	0.9636	0.9677	0.9981	0.9981

8.0	0.9697	0.9993	0.9993	0.9721	0.9658	0.9652	0.9920	0.9968
8.1	0.9742	0.9996	0.9996	0.9698	0.9684	0.9503	0.9960	0.9982
8.2	0.9595	0.9992	0.9992	0.9469	0.9585	0.9473	0.9956	0.9962
8.3	0.9608	0.9995	0.9995	0.9491	0.9708	0.9572	0.9961	0.9978
8.4	0.9542	0.9994	0.9993	0.9554	0.9749	0.9598	0.9955	0.9979
8.5	0.9652	0.9991	0.9991	0.9633	0.9766	0.9598	0.9956	0.9976
8.6	0.9744	0.9990	0.9989	0.9720	0.9832	0.9526	0.9947	0.9977
8.7	0.9759	0.9982	0.9981	0.9707	0.9797	0.9493	0.9935	0.9952
8.8	0.9845	0.9979	0.9976	0.9809	0.9799	0.9553	0.9926	0.9934
8.9	0.9803	0.9967	0.9957	0.9797	0.9827	0.9443	0.9878	0.9893
9.0	0.9833	0.9951	0.9934	0.9792	0.9747	0.8935	0.9784	0.9822
9.1	0.9701	0.9925	0.9909	0.9664	0.9665	0.9059	0.9268	0.9800
9.2	0.9394	0.9772	0.9718	0.9385	0.9608	0.8813	0.9239	0.9456
9.3	0.9628	0.9804	0.9758	0.9619	0.9805	0.8859	0.9673	0.9617
9.4	0.9294	0.9490	0.9394	0.9281	0.9631	0.7978	0.9585	0.9222
9.5	0.9664	0.9622	0.9568	0.9665	0.9837	0.8574	0.9857	0.9594
9.6	0.9693	0.9478	0.9391	0.9695	0.9858	0.8378	0.9895	0.9612
9.7	0.9872	0.9730	0.9623	0.9876	0.9942	0.8521	0.9960	0.9834
9.8	0.9863	0.9729	0.9525	0.9853	0.9954	0.8195	0.9955	0.9825
9.9	0.9869	0.9802	0.9540	0.9868	0.9949	0.7868	0.9960	0.9828
10.0	0.9884	0.9890	0.9741	0.9888	0.9930	0.7214	0.9959	0.9879
10.1	0.9871	0.9917	0.9837	0.9869	0.9931	0.7286	0.9951	0.9875
10.2	0.9900	0.9957	0.9927	0.9885	0.9947	0.7656	0.9955	0.9917
10.3	0.9961	0.9983	0.9977	0.9939	0.9964	0.7682	0.9966	0.9967
10.4	0.9981	0.9989	0.9986	0.9962	0.9969	0.8335	0.9979	0.9984
10.5	0.9976	0.9990	0.9978	0.9954	0.9969	0.8633	0.9984	0.9975
10.6	0.9959	0.9991	0.9976	0.9923	0.9972	0.8929	0.9974	0.9967
10.7	0.9951	0.9988	0.9982	0.9925	0.9975	0.8836	0.9978	0.9963
10.8	0.9910	0.9987	0.9981	0.9884	0.9969	0.9051	0.9974	0.9948
10.9	0.9943	0.9991	0.9985	0.9872	0.9970	0.9184	0.9985	0.9952
11.0	0.9936	0.9991	0.9989	0.9885	0.9976	0.9385	0.9985	0.9955
11.1	0.9931	0.9992	0.9988	0.9868	0.9972	0.9369	0.9989	0.9949
11.2	0.9903	0.9990	0.9989	0.9826	0.9975	0.9367	0.9987	0.9955
11.3	0.9878	0.9991	0.9990	0.9739	0.9976	0.9270	0.9984	0.9960
11.4	0.9872	0.9992	0.9989	0.9710	0.9979	0.9408	0.9986	0.9951
11.5	0.9798	0.9991	0.9991	0.9592	0.9982	0.9480	0.9984	0.9948
11.6	0.9675	0.9988	0.9989	0.9317	0.9980	0.9473	0.9972	0.9912
11.7	0.9698	0.9993	0.9992	0.9254	0.9983	0.9631	0.9975	0.9917
11.8	0.9506	0.9986	0.9985	0.8256	0.9975	0.9353	0.9959	0.9815
11.9	0.9581	0.9993	0.9993	0.8889	0.9983	0.9643	0.9963	0.9910
12.0	0.9502	0.9990	0.9992	0.8833	0.9981	0.9593	0.9955	0.9856
12.1	0.9500	0.9990	0.9993	0.8891	0.9976	0.9441	0.9962	0.9862
12.2	0.9775	0.9992	0.9991	0.9257	0.9976	0.9509	0.9957	0.9771
12.3	0.9827	0.9992	0.9994	0.9419	0.9978	0.9505	0.9949	0.9764
12.4	0.9785	0.9993	0.9995	0.9514	0.9977	0.9520	0.9943	0.9795
12.5	0.9806	0.9990	0.9991	0.9457	0.9981	0.9475	0.9955	0.9804
12.6	0.9881	0.9993	0.9993	0.9592	0.9979	0.9533	0.9976	0.9768
12.7	0.9917	0.9992	0.9993	0.9693	0.9981	0.9639	0.9977	0.9744
12.8	0.9888	0.9992	0.9992	0.9648	0.9983	0.9536	0.9974	0.9767
12.9	0.9797	0.9992	0.9988	0.9528	0.9980	0.9329	0.9963	0.9689
13.0	0.9798	0.9990	0.9989	0.9426	0.9979	0.9386	0.9967	0.9673
13.1	0.9771	0.9991	0.9989	0.9485	0.9973	0.9612	0.9951	0.9641
13.2	0.9849	0.9989	0.9992	0.9606	0.9980	0.9601	0.9949	0.9584
13.3	0.9817	0.9986	0.9990	0.9674	0.9970	0.9560	0.9905	0.9510
13.4	0.9841	0.9992	0.9994	0.9669	0.9978	0.9661	0.9924	0.9667
13.5	0.9731	0.9984	0.9988	0.9574	0.9961	0.9635	0.9860	0.9433
13.6	0.9764	0.9985	0.9989	0.9789	0.9978	0.9681	0.9890	0.9578
13.7	0.9808	0.9989	0.9991	0.9805	0.9980	0.9704	0.9891	0.9712
13.8	0.9833	0.9989	0.9991	0.9837	0.9982	0.9754	0.9904	0.9747
13.9	0.9769	0.9979	0.9984	0.9826	0.9973	0.9772	0.9895	0.9677
14.0	0.9814	0.9987	0.9986	0.9818	0.9982	0.9790	0.9915	0.9744
14.1	0.9840	0.9989	0.9983	0.9834	0.9981	0.9784	0.9906	0.9815
14.2	0.9833	0.9986	0.9982	0.9802	0.9980	0.9723	0.9906	0.9791
14.3	0.9819	0.9987	0.9978	0.9800	0.9973	0.9619	0.9905	0.9731
14.4	0.9854	0.9984	0.9978	0.9850	0.9975	0.9673	0.9904	0.9715
14.5	0.9798	0.9976	0.9974	0.9830	0.9964	0.9759	0.9847	0.9679
14.6	0.9645	0.9979	0.9963	0.9732	0.9960	0.9661	0.9730	0.9699
14.7	0.9568	0.9985	0.9947	0.9754	0.9965	0.9655	0.9727	0.9775
14.8	0.9703	0.9988	0.9943	0.9793	0.9967	0.9608	0.9817	0.9770
14.9	0.9692	0.9987	0.9936	0.9798	0.9964	0.9628	0.9838	0.9748
15.0	0.9781	0.9987	0.9969	0.9810	0.9981	0.9644	0.9872	0.9820
15.1	0.9700	0.9965	0.9963	0.9767	0.9972	0.9596	0.9793	0.9723
15.2	0.9665	0.9965	0.9963	0.9765	0.9972	0.9663	0.9759	0.9673
15.3	0.9730	0.9942	0.9973	0.9689	0.9969	0.9646	0.9782	0.9685
15.4	0.9828	0.9955	0.9972	0.9812	0.9978	0.9709	0.9856	0.9777
15.5	0.9811	0.9934	0.9933	0.9757	0.9976	0.9711	0.9762	0.9789
15.6	0.9800	0.9925	0.9851	0.9796	0.9966	0.9675	0.9648	0.9666
15.7	0.9790	0.9943	0.9827	0.9826	0.9969	0.9644	0.9445	0.9746
15.8	0.9822	0.9937	0.9816	0.9811	0.9960	0.9664	0.9128	0.9789
15.9	0.9800	0.9964	0.9858	0.9878	0.9966	0.9636	0.8732	0.9829
16.0	0.9588	0.9959	0.9792	0.9822	0.9944	0.9386	0.7681	0.9768
16.1	0.9628	0.9971	0.9854	0.9873	0.9897	0.9183	0.7369	0.9728
16.2	0.9785	0.9965	0.9876	0.9880	0.9882	0.9304	0.6915	0.9742
16.3	0.9717	0.9918	0.9809	0.9761	0.9841	0.8894	0.3899	0.9690
16.4	0.9778	0.9872	0.9782	0.9712	0.9773	0.8881	0.1219	0.9729
16.5	0.9838	0.9828	0.9829	0.9671	0.9797	0.8682	0.5924	0.9697

16.6	0.9715	0.9892	0.9872	0.9771	0.9806	0.8419	0.7980	0.9704
16.7	0.9743	0.9945	0.9884	0.9872	0.9779	0.7660	0.8882	0.9759
16.8	0.9669	0.9881	0.9802	0.9879	0.9752	0.6466	0.8697	0.9762
16.9	0.9812	0.9883	0.9832	0.9865	0.9790	0.6838	0.8838	0.9773
17.0	0.9859	0.9850	0.9810	0.9757	0.9762	0.6177	0.8663	0.9673
17.1	0.9867	0.9932	0.9919	0.9803	0.9844	0.5203	0.8806	0.9877
17.2	0.9746	0.9937	0.9807	0.9909	0.9726	0.6290	0.8542	0.9789
17.3	0.9918	0.9942	0.9873	0.9900	0.9833	0.6819	0.9369	0.9835
17.4	0.9952	0.9937	0.9896	0.9870	0.9852	0.6354	0.9557	0.9858
17.5	0.9972	0.9948	0.9946	0.9824	0.9880	0.6941	0.9182	0.9886
17.6	0.9958	0.9966	0.9939	0.9840	0.9877	0.7026	0.9144	0.9903
17.7	0.9970	0.9974	0.9953	0.9868	0.9912	0.8050	0.9288	0.9939
17.8	0.9977	0.9973	0.9965	0.9896	0.9907	0.8543	0.9500	0.9942
17.9	0.9978	0.9973	0.9964	0.9907	0.9913	0.9058	0.9479	0.9943
18.0	0.9987	0.9981	0.9972	0.9921	0.9934	0.9267	0.9637	0.9967
18.1	0.9982	0.9974	0.9955	0.9855	0.9903	0.9346	0.9510	0.9942
18.2	0.9988	0.9985	0.9973	0.9880	0.9927	0.9352	0.9593	0.9959
18.3	0.9989	0.9989	0.9980	0.9881	0.9940	0.9415	0.9500	0.9958
18.4	0.9988	0.9987	0.9979	0.9791	0.9919	0.9474	0.9484	0.9958
18.5	0.9979	0.9986	0.9984	0.9694	0.9910	0.9102	0.8900	0.9955
18.6	0.9969	0.9984	0.9984	0.9720	0.9917	0.8449	0.7308	0.9976
18.7	0.9985	0.9987	0.9977	0.9787	0.9892	0.8880	0.5935	0.9967
18.8	0.9992	0.9990	0.9980	0.9697	0.9875	0.8708	0.7822	0.9964
18.9	0.9994	0.9991	0.9986	0.9761	0.9895	0.9172	0.8874	0.9960
19.0	0.9994	0.9993	0.9987	0.9700	0.9903	0.9342	0.9076	0.9963
19.1	0.9993	0.9989	0.9981	0.9397	0.9835	0.8690	0.8980	0.9952
19.2	0.9995	0.9992	0.9985	0.9422	0.9842	0.8326	0.9499	0.9941
19.3	0.9994	0.9989	0.9985	0.8899	0.9791	0.7920	0.9489	0.9925
19.4	0.9995	0.9992	0.9989	0.9004	0.9831	0.8430	0.9667	0.9925
19.5	0.9995	0.9994	0.9990	0.8802	0.9833	0.7485	0.9648	0.9922
19.6	0.9996	0.9995	0.9991	0.8790	0.9897	0.6921	0.9717	0.9942
19.7	0.9995	0.9993	0.9988	0.8529	0.9895	0.6150	0.9753	0.9928
19.8	0.9995	0.9993	0.9986	0.8121	0.9870	0.4875	0.9791	0.9908
19.9	0.9996	0.9994	0.9989	0.8145	0.9906	0.4311	0.9783	0.9931
20.0	0.9996	0.9994	0.9988	0.8562	0.9892	0.3319	0.9830	0.9917
20.1	0.9996	0.9995	0.9990	0.8769	0.9904	0.4541	0.9855	0.9926
20.2	0.9996	0.9995	0.9990	0.9102	0.9909	0.5001	0.9877	0.9939
20.3	0.9995	0.9995	0.9991	0.8448	0.9903	0.2665	0.9824	0.9937
20.4	0.9996	0.9997	0.9993	0.8543	0.9920	0.3034	0.9858	0.9944
20.5	0.9997	0.9996	0.9994	0.8821	0.9919	0.3617	0.9908	0.9957
20.6	0.9994	0.9995	0.9992	0.8851	0.9904	0.1455	0.9913	0.9953
20.7	0.9996	0.9996	0.9994	0.9239	0.9913	0.0758	0.9932	0.9958
20.8	0.9995	0.9996	0.9992	0.9300	0.9908	0.2229	0.9932	0.9955
20.9	0.9995	0.9996	0.9991	0.9393	0.9921	0.4538	0.9934	0.9966
21.0	0.9996	0.9997	0.9994	0.9522	0.9937	0.5315	0.9946	0.9969
21.1	0.9997	0.9997	0.9993	0.9668	0.9958	0.6116	0.9963	0.9980
21.2	0.9996	0.9996	0.9992	0.9580	0.9931	0.6356	0.9950	0.9978
21.3	0.9995	0.9997	0.9993	0.9675	0.9939	0.6112	0.9955	0.9983
21.4	0.9994	0.9997	0.9992	0.9696	0.9943	0.5138	0.9950	0.9980
21.5	0.9996	0.9997	0.9992	0.9741	0.9940	0.6245	0.9955	0.9983
21.6	0.9996	0.9997	0.9993	0.9768	0.9947	0.6689	0.9959	0.9984
21.7	0.9994	0.9996	0.9992	0.9682	0.9938	0.6752	0.9924	0.9980
21.8	0.9995	0.9997	0.9993	0.9731	0.9929	0.7212	0.9930	0.9983
21.9	0.9996	0.9996	0.9993	0.9729	0.9924	0.6744	0.9929	0.9983
22.0	0.9997	0.9997	0.9993	0.9664	0.9933	0.6916	0.9933	0.9978
22.1	0.9997	0.9997	0.9994	0.9631	0.9928	0.6800	0.9925	0.9978
22.2	0.9997	0.9997	0.9993	0.9720	0.9945	0.6817	0.9938	0.9986
22.3	0.9996	0.9997	0.9994	0.9674	0.9946	0.7548	0.9933	0.9989
22.4	0.9996	0.9997	0.9995	0.9558	0.9917	0.6244	0.9916	0.9986
22.5	0.9997	0.9998	0.9995	0.9499	0.9939	0.6300	0.9936	0.9987
22.6	0.9997	0.9996	0.9992	0.9365	0.9942	0.5810	0.9918	0.9984
22.7	0.9997	0.9997	0.9994	0.9461	0.9946	0.5769	0.9928	0.9991
22.8	0.9997	0.9997	0.9994	0.9438	0.9935	0.5526	0.9932	0.9990
22.9	0.9996	0.9997	0.9991	0.9485	0.9930	0.6577	0.9941	0.9989
23.0	0.9997	0.9997	0.9992	0.9508	0.9936	0.7101	0.9955	0.9990
23.1	0.9997	0.9998	0.9995	0.9589	0.9948	0.8181	0.9955	0.9991
23.2	0.9997	0.9997	0.9995	0.9661	0.9918	0.8431	0.9969	0.9991
23.3	0.9997	0.9997	0.9992	0.9667	0.9916	0.8738	0.9978	0.9992
23.4	0.9997	0.9998	0.9993	0.9714	0.9925	0.9007	0.9969	0.9994
23.5	0.9998	0.9998	0.9993	0.9672	0.9916	0.8691	0.9968	0.9994
23.6	0.9997	0.9997	0.9992	0.9685	0.9899	0.8589	0.9972	0.9990
23.7	0.9996	0.9996	0.9989	0.9692	0.9867	0.8549	0.9950	0.9985
23.8	0.9997	0.9997	0.9993	0.9724	0.9875	0.8722	0.9967	0.9988
23.9	0.9996	0.9997	0.9994	0.9750	0.9853	0.8822	0.9967	0.9990
24.0	0.9997	0.9998	0.9996	0.9807	0.9889	0.9185	0.9966	0.9992
24.1	0.9995	0.9997	0.9994	0.9768	0.9823	0.9232	0.9943	0.9987
24.2	0.9995	0.9997	0.9992	0.9771	0.9857	0.9309	0.9942	0.9987
24.3	0.9997	0.9998	0.9994	0.9824	0.9816	0.9352	0.9964	0.9987
24.4	0.9997	0.9998	0.9996	0.9861	0.9826	0.9406	0.9967	0.9990
24.5	0.9996	0.9998	0.9993	0.9796	0.9803	0.9364	0.9965	0.9989
24.6	0.9996	0.9997	0.9993	0.9776	0.9679	0.9460	0.9962	0.9987
24.7	0.9997	0.9997	0.9994	0.9832	0.9680	0.9471	0.9979	0.9990
24.8	0.9998	0.9997	0.9995	0.9842	0.9729	0.9612	0.9989	0.9991
24.9	0.9998	0.9998	0.9993	0.9871	0.9692	0.9565	0.9987	0.9992
25.0	0.9997	0.9996	0.9990	0.9848	0.9551	0.9439	0.9985	0.9989
25.1	0.9998	0.9996	0.9990	0.9840	0.9569	0.9543	0.9987	0.9989

25.2	0.9998	0.9998	0.9994	0.9858	0.9716	0.9498	0.9988	0.9991
25.3	0.9998	0.9997	0.9993	0.9845	0.9756	0.9534	0.9987	0.9989
25.4	0.9998	0.9996	0.9993	0.9858	0.9739	0.9648	0.9986	0.9990
25.5	0.9997	0.9995	0.9990	0.9874	0.9662	0.9616	0.9989	0.9991
25.6	0.9998	0.9997	0.9992	0.9891	0.9753	0.9673	0.9990	0.9993
25.7	0.9998	0.9997	0.9994	0.9898	0.9652	0.9654	0.9991	0.9993
25.8	0.9998	0.9997	0.9993	0.9927	0.9738	0.9598	0.9990	0.9993
25.9	0.9998	0.9997	0.9994	0.9939	0.9758	0.9604	0.9991	0.9994
26.0	0.9998	0.9997	0.9993	0.9916	0.9629	0.9586	0.9988	0.9992
26.1	0.9997	0.9996	0.9992	0.9901	0.9615	0.9565	0.9989	0.9993
26.2	0.9997	0.9995	0.9991	0.9913	0.9634	0.9606	0.9986	0.9994
26.3	0.9998	0.9994	0.9991	0.9912	0.9671	0.9466	0.9985	0.9993
26.4	0.9997	0.9994	0.9993	0.9908	0.9664	0.9119	0.9976	0.9991
26.5	0.9998	0.9996	0.9993	0.9913	0.9752	0.8829	0.9986	0.9995
26.6	0.9998	0.9995	0.9991	0.9910	0.9697	0.7854	0.9985	0.9996
26.7	0.9998	0.9996	0.9992	0.9913	0.9661	0.6629	0.9989	0.9996
26.8	0.9998	0.9995	0.9989	0.9905	0.9512	0.4341	0.9988	0.9995
26.9	0.9998	0.9993	0.9992	0.9895	0.9617	0.4707	0.9989	0.9994
27.0	0.9997	0.9995	0.9989	0.9895	0.9615	0.6177	0.9990	0.9994
27.1	0.9997	0.9995	0.9989	0.9884	0.9608	0.7041	0.9992	0.9996
27.2	0.9998	0.9995	0.9989	0.9896	0.9643	0.8032	0.9991	0.9995
27.3	0.9997	0.9995	0.9988	0.9912	0.9754	0.8925	0.9992	0.9995
27.4	0.9997	0.9995	0.9991	0.9915	0.9744	0.9439	0.9993	0.9997
27.5	0.9998	0.9995	0.9990	0.9924	0.9778	0.9411	0.9993	0.9996
27.6	0.9998	0.9995	0.9989	0.9916	0.9832	0.9618	0.9991	0.9996
27.7	0.9998	0.9995	0.9983	0.9920	0.9863	0.9606	0.9993	0.9995
27.8	0.9998	0.9997	0.9984	0.9948	0.9933	0.9777	0.9995	0.9996
27.9	0.9998	0.9996	0.9984	0.9929	0.9907	0.9848	0.9994	0.9996
28.0	0.9997	0.9996	0.9979	0.9923	0.9910	0.9832	0.9992	0.9996
28.1	0.9998	0.9996	0.9985	0.9928	0.9925	0.9840	0.9992	0.9997
28.2	0.9998	0.9994	0.9979	0.9919	0.9920	0.9871	0.9994	0.9996
28.3	0.9997	0.9991	0.9968	0.9869	0.9866	0.9777	0.9994	0.9991
28.4	0.9997	0.9993	0.9975	0.9881	0.9950	0.9901	0.9994	0.9996
28.5	0.9998	0.9994	0.9983	0.9918	0.9962	0.9927	0.9994	0.9997
28.6	0.9998	0.9994	0.9979	0.9928	0.9958	0.9896	0.9992	0.9995
28.7	0.9997	0.9996	0.9977	0.9935	0.9966	0.9918	0.9991	0.9995
28.8	0.9998	0.9995	0.9981	0.9943	0.9970	0.9913	0.9994	0.9996
28.9	0.9997	0.9992	0.9979	0.9920	0.9958	0.9905	0.9988	0.9995
29.0	0.9997	0.9992	0.9966	0.9918	0.9962	0.9892	0.9990	0.9995
29.1	0.9997	0.9993	0.9971	0.9915	0.9968	0.9888	0.9987	0.9994
29.2	0.9998	0.9995	0.9983	0.9929	0.9980	0.9927	0.9992	0.9995
29.3	0.9998	0.9995	0.9981	0.9929	0.9973	0.9906	0.9990	0.9994
29.4	0.9997	0.9991	0.9977	0.9915	0.9976	0.9887	0.9991	0.9995
29.5	0.9996	0.9987	0.9962	0.9852	0.9964	0.9849	0.9985	0.9991
29.6	0.9998	0.9990	0.9980	0.9894	0.9984	0.9896	0.9992	0.9995
29.7	0.9997	0.9990	0.9978	0.9902	0.9981	0.9866	0.9990	0.9994
29.8	0.9997	0.9991	0.9978	0.9894	0.9975	0.9889	0.9984	0.9992
29.9	0.9982	0.9991	0.9973	0.9833	0.9961	0.9734	0.9929	0.9990
30.0	0.9987	0.9990	0.9980	0.9842	0.9965	0.9761	0.9948	0.9989
30.1	0.9997	0.9990	0.9980	0.9912	0.9985	0.9860	0.9989	0.9994
30.2	0.9997	0.9991	0.9979	0.9901	0.9981	0.9822	0.9988	0.9993
30.3	0.9998	0.9987	0.9972	0.9867	0.9976	0.9722	0.9994	0.9993
30.4	0.9997	0.9986	0.9973	0.9865	0.9967	0.9770	0.9987	0.9993
30.5	0.9996	0.9987	0.9977	0.9851	0.9959	0.9795	0.9981	0.9992
30.6	0.9996	0.9987	0.9970	0.9847	0.9967	0.9727	0.9977	0.9991
30.7	0.9996	0.9988	0.9978	0.9875	0.9958	0.9659	0.9972	0.9986
30.8	0.9996	0.9988	0.9970	0.9824	0.9962	0.9635	0.9978	0.9988
30.9	0.9996	0.9991	0.9973	0.9838	0.9962	0.9747	0.9978	0.9990
31.0	0.9996	0.9991	0.9969	0.9786	0.9967	0.9690	0.9977	0.9991
31.1	0.9997	0.9989	0.9967	0.9744	0.9963	0.9643	0.9976	0.9991
31.2	0.9996	0.9983	0.9957	0.9592	0.9948	0.9360	0.9974	0.9990
31.3	0.9996	0.9980	0.9953	0.9628	0.9943	0.9336	0.9974	0.9989
31.4	0.9996	0.9979	0.9963	0.9607	0.9948	0.9348	0.9978	0.9989
31.5	0.9997	0.9983	0.9962	0.9633	0.9954	0.9190	0.9982	0.9991
31.6	0.9997	0.9981	0.9959	0.9605	0.9951	0.9227	0.9976	0.9990
31.7	0.9995	0.9975	0.9958	0.9478	0.9951	0.9269	0.9970	0.9990
31.8	0.9993	0.9972	0.9942	0.9405	0.9921	0.8782	0.9955	0.9984
31.9	0.9996	0.9985	0.9944	0.9635	0.9958	0.8721	0.9976	0.9990
32.0	0.9997	0.9985	0.9954	0.9677	0.9952	0.8537	0.9979	0.9990
32.1	0.9996	0.9982	0.9939	0.9664	0.9925	0.8135	0.9971	0.9985
32.2	0.9996	0.9973	0.9934	0.9541	0.9946	0.7864	0.9978	0.9985
32.3	0.9995	0.9973	0.9898	0.9515	0.9916	0.7666	0.9979	0.9978
32.4	0.9995	0.9980	0.9920	0.9628	0.9933	0.8071	0.9981	0.9985
32.5	0.9995	0.9972	0.9939	0.9539	0.9952	0.7244	0.9983	0.9983
32.6	0.9995	0.9972	0.9908	0.9509	0.9955	0.6958	0.9982	0.9983
32.7	0.9995	0.9967	0.9873	0.9503	0.9951	0.6611	0.9980	0.9979
32.8	0.9995	0.9966	0.9859	0.9559	0.9955	0.7366	0.9977	0.9982
32.9	0.9994	0.9965	0.9837	0.9634	0.9957	0.7870	0.9975	0.9980
33.0	0.9993	0.9968	0.9790	0.9585	0.9942	0.8234	0.9974	0.9975
33.1	0.9991	0.9962	0.9779	0.9564	0.9957	0.8539	0.9973	0.9974
33.2	0.9989	0.9958	0.9672	0.9510	0.9941	0.8210	0.9966	0.9967
33.3	0.9990	0.9957	0.9583	0.9561	0.9942	0.7945	0.9970	0.9961
33.4	0.9991	0.9959	0.9588	0.9575	0.9964	0.7786	0.9974	0.9973
33.5	0.9991	0.9962	0.9660	0.9620	0.9971	0.8238	0.9977	0.9978
33.6	0.9984	0.9940	0.9464	0.9368	0.9954	0.7331	0.9961	0.9963
33.7	0.9978	0.9932	0.9447	0.9254	0.9968	0.6016	0.9951	0.9958

33.8	0.9984	0.9946	0.9555	0.9467	0.9973	0.5486	0.9957	0.9964
33.9	0.9981	0.9928	0.9460	0.9298	0.9975	0.5547	0.9950	0.9957
34.0	0.9980	0.9947	0.9465	0.9341	0.9978	0.5837	0.9950	0.9961
34.1	0.9986	0.9960	0.9589	0.9513	0.9985	0.7005	0.9959	0.9969
34.2	0.9986	0.9957	0.9560	0.9554	0.9983	0.7535	0.9957	0.9968
34.3	0.9988	0.9958	0.9545	0.9615	0.9980	0.8017	0.9960	0.9971
34.4	0.9988	0.9952	0.9517	0.9525	0.9985	0.7808	0.9958	0.9971
34.5	0.9986	0.9944	0.9402	0.9477	0.9984	0.7874	0.9953	0.9973
34.6	0.9986	0.9951	0.9395	0.9513	0.9986	0.8154	0.9955	0.9975
34.7	0.9989	0.9957	0.9397	0.9533	0.9984	0.8272	0.9964	0.9976
34.8	0.9989	0.9934	0.9118	0.9493	0.9983	0.8461	0.9961	0.9972
34.9	0.9994	0.9952	0.9295	0.9711	0.9988	0.9174	0.9973	0.9981
35.0	0.9996	0.9960	0.9281	0.9762	0.9985	0.9315	0.9978	0.9983
35.1	0.9994	0.9957	0.9208	0.9731	0.9980	0.9344	0.9977	0.9980
35.2	0.9995	0.9972	0.9174	0.9806	0.9983	0.9554	0.9984	0.9982
35.3	0.9995	0.9958	0.8849	0.9806	0.9976	0.9684	0.9984	0.9974
35.4	0.9996	0.9964	0.8932	0.9827	0.9968	0.9767	0.9988	0.9980
35.5	0.9996	0.9965	0.8927	0.9808	0.9961	0.9751	0.9989	0.9981
35.6	0.9996	0.9958	0.8795	0.9806	0.9962	0.9788	0.9988	0.9982
35.7	0.9995	0.9965	0.8600	0.9848	0.9966	0.9809	0.9986	0.9979
35.8	0.9996	0.9974	0.8873	0.9900	0.9967	0.9843	0.9989	0.9982
35.9	0.9996	0.9970	0.8601	0.9891	0.9976	0.9860	0.9990	0.9988
36.0	0.9997	0.9967	0.8250	0.9875	0.9968	0.9859	0.9987	0.9984
36.1	0.9996	0.9964	0.8045	0.9887	0.9963	0.9860	0.9983	0.9982
36.2	0.9996	0.9964	0.7458	0.9911	0.9972	0.9899	0.9986	0.9986
36.3	0.9997	0.9960	0.6413	0.9918	0.9973	0.9890	0.9988	0.9987
36.4	0.9996	0.9960	0.6163	0.9921	0.9976	0.9887	0.9987	0.9987
36.5	0.9995	0.9961	0.4394	0.9910	0.9966	0.9855	0.9981	0.9980
36.6	0.9995	0.9958	0.4648	0.9910	0.9964	0.9906	0.9983	0.9980
36.7	0.9996	0.9959	0.4798	0.9926	0.9966	0.9917	0.9986	0.9980
36.8	0.9995	0.9957	0.4271	0.9923	0.9955	0.9868	0.9984	0.9974
36.9	0.9997	0.9975	0.5684	0.9952	0.9978	0.9928	0.9991	0.9987
37.0	0.9997	0.9976	0.7195	0.9952	0.9967	0.9907	0.9992	0.9982
37.1	0.9996	0.9974	0.7897	0.9954	0.9958	0.9892	0.9988	0.9972
37.2	0.9997	0.9973	0.8380	0.9964	0.9961	0.9894	0.9987	0.9972
37.3	0.9996	0.9963	0.8555	0.9958	0.9961	0.9873	0.9985	0.9970
37.4	0.9997	0.9970	0.9180	0.9967	0.9965	0.9907	0.9986	0.9972
37.5	0.9996	0.9978	0.9338	0.9973	0.9969	0.9896	0.9986	0.9975
37.6	0.9996	0.9977	0.9487	0.9973	0.9969	0.9877	0.9986	0.9976
37.7	0.9993	0.9969	0.9428	0.9961	0.9957	0.9825	0.9976	0.9965
37.8	0.9994	0.9962	0.9580	0.9966	0.9967	0.9868	0.9984	0.9974
37.9	0.9991	0.9961	0.9588	0.9961	0.9947	0.9786	0.9971	0.9955
38.0	0.9991	0.9962	0.9729	0.9960	0.9960	0.9831	0.9974	0.9963
38.1	0.9994	0.9969	0.9761	0.9970	0.9975	0.9852	0.9984	0.9977
38.2	0.9994	0.9961	0.9827	0.9974	0.9976	0.9870	0.9984	0.9973
38.3	0.9995	0.9965	0.9873	0.9981	0.9980	0.9920	0.9986	0.9972
38.4	0.9995	0.9949	0.9863	0.9983	0.9975	0.9889	0.9986	0.9967
38.5	0.9994	0.9955	0.9859	0.9975	0.9972	0.9860	0.9983	0.9965
38.6	0.9995	0.9964	0.9909	0.9977	0.9982	0.9904	0.9985	0.9973
38.7	0.9995	0.9955	0.9919	0.9972	0.9972	0.9851	0.9981	0.9959
38.8	0.9993	0.9946	0.9911	0.9961	0.9972	0.9850	0.9976	0.9958
38.9	0.9991	0.9942	0.9918	0.9959	0.9975	0.9864	0.9978	0.9965
39.0	0.9994	0.9952	0.9950	0.9975	0.9980	0.9892	0.9982	0.9967
39.1	0.9994	0.9949	0.9971	0.9979	0.9987	0.9897	0.9986	0.9978
39.2	0.9994	0.9954	0.9958	0.9971	0.9984	0.9880	0.9986	0.9974
39.3	0.9994	0.9937	0.9948	0.9968	0.9982	0.9869	0.9982	0.9969
39.4	0.9992	0.9933	0.9950	0.9953	0.9979	0.9811	0.9976	0.9964
39.5	0.9992	0.9938	0.9961	0.9955	0.9979	0.9812	0.9980	0.9963
39.6	0.9989	0.9945	0.9954	0.9943	0.9982	0.9813	0.9977	0.9966
39.7	0.9987	0.9930	0.9949	0.9931	0.9980	0.9832	0.9977	0.9960
39.8	0.9991	0.9933	0.9966	0.9938	0.9986	0.9839	0.9983	0.9973
39.9	0.9991	0.9904	0.9972	0.9943	0.9984	0.9783	0.9984	0.9970
40.0	0.9989	0.9892	0.9966	0.9914	0.9983	0.9682	0.9979	0.9968
40.1	0.9992	0.9881	0.9969	0.9920	0.9987	0.9681	0.9981	0.9971
40.2	0.9990	0.9879	0.9971	0.9918	0.9986	0.9666	0.9977	0.9967
40.3	0.9988	0.9870	0.9966	0.9913	0.9984	0.9553	0.9975	0.9962
40.4	0.9991	0.9884	0.9973	0.9913	0.9985	0.9460	0.9978	0.9966
40.5	0.9990	0.9853	0.9963	0.9919	0.9986	0.9307	0.9974	0.9965
40.6	0.9994	0.9798	0.9974	0.9915	0.9986	0.9211	0.9981	0.9966
40.7	0.9992	0.9869	0.9984	0.9909	0.9989	0.9229	0.9978	0.9976
40.8	0.9992	0.9864	0.9981	0.9889	0.9988	0.8761	0.9973	0.9970
40.9	0.9992	0.9842	0.9977	0.9912	0.9988	0.8226	0.9978	0.9962
41.0	0.9990	0.9787	0.9966	0.9892	0.9981	0.6642	0.9975	0.9953
41.1	0.9992	0.9798	0.9974	0.9905	0.9988	0.6474	0.9978	0.9972
41.2	0.9993	0.9766	0.9970	0.9907	0.9989	0.4228	0.9980	0.9974
41.3	0.9992	0.9830	0.9975	0.9887	0.9991	0.2566	0.9972	0.9976
41.4	0.9993	0.9844	0.9982	0.9892	0.9992	0.1810	0.9972	0.9982
41.5	0.9995	0.9761	0.9983	0.9899	0.9992	0.2768	0.9978	0.9979
41.6	0.9994	0.9683	0.9980	0.9893	0.9992	0.3948	0.9979	0.9975
41.7	0.9993	0.9718	0.9982	0.9890	0.9991	0.5484	0.9978	0.9975
41.8	0.9990	0.9685	0.9983	0.9903	0.9993	0.6558	0.9966	0.9979
41.9	0.9991	0.9648	0.9985	0.9921	0.9992	0.7806	0.9964	0.9983
42.0	0.9993	0.9698	0.9983	0.9924	0.9991	0.8540	0.9979	0.9983
42.1	0.9989	0.9598	0.9980	0.9909	0.9992	0.8514	0.9979	0.9984
42.2	0.9991	0.9492	0.9981	0.9907	0.9992	0.8569	0.9976	0.9979
42.3	0.9991	0.9359	0.9982	0.9907	0.9990	0.8691	0.9974	0.9978

42.4	0.9993	0.9342	0.9986	0.9907	0.9991	0.9186	0.9976	0.9986
42.5	0.9995	0.9299	0.9987	0.9915	0.9990	0.9283	0.9983	0.9979
42.6	0.9995	0.9320	0.9988	0.9929	0.9992	0.9358	0.9983	0.9981
42.7	0.9993	0.9166	0.9988	0.9910	0.9992	0.9450	0.9980	0.9972
42.8	0.9990	0.8955	0.9987	0.9891	0.9990	0.9506	0.9971	0.9969
42.9	0.9990	0.8737	0.9983	0.9878	0.9989	0.9490	0.9964	0.9976
43.0	0.9994	0.8426	0.9989	0.9934	0.9988	0.9544	0.9978	0.9970
43.1	0.9996	0.8479	0.9989	0.9938	0.9992	0.9621	0.9988	0.9975
43.2	0.9994	0.8272	0.9986	0.9913	0.9991	0.9571	0.9985	0.9942
43.3	0.9994	0.7650	0.9988	0.9902	0.9989	0.9676	0.9988	0.9942
43.4	0.9994	0.7335	0.9988	0.9919	0.9990	0.9707	0.9981	0.9972
43.5	0.9993	0.6087	0.9984	0.9920	0.9990	0.9797	0.9970	0.9970
43.6	0.9992	0.5098	0.9986	0.9927	0.9988	0.9750	0.9969	0.9969
43.7	0.9992	0.4220	0.9985	0.9933	0.9987	0.9791	0.9978	0.9954
43.8	0.9991	0.4057	0.9987	0.9927	0.9988	0.9809	0.9982	0.9951
43.9	0.9995	0.3191	0.9987	0.9960	0.9993	0.9897	0.9989	0.9974
44.0	0.9992	0.3011	0.9984	0.9932	0.9991	0.9876	0.9984	0.9963
44.1	0.9993	0.1982	0.9987	0.9921	0.9988	0.9889	0.9984	0.9963
44.2	0.9994	0.0223	0.9991	0.9935	0.9990	0.9894	0.9983	0.9973
44.3	0.9995	0.0691	0.9987	0.9905	0.9989	0.9886	0.9983	0.9970
44.4	0.9993	0.1798	0.9987	0.9916	0.9992	0.9919	0.9990	0.9967
44.5	0.9992	0.2077	0.9988	0.9919	0.9990	0.9888	0.9987	0.9954
44.6	0.9993	0.3825	0.9990	0.9904	0.9991	0.9900	0.9986	0.9931
44.7	0.9994	0.5840	0.9990	0.9916	0.9990	0.9916	0.9990	0.9960
44.8	0.9994	0.6887	0.9991	0.9930	0.9992	0.9920	0.9987	0.9923
44.9	0.9994	0.7751	0.9991	0.9918	0.9992	0.9933	0.9987	0.9921
45.0	0.9992	0.7090	0.9985	0.9878	0.9986	0.9909	0.9984	0.9920
45.1	0.9991	0.6942	0.9984	0.9848	0.9985	0.9896	0.9982	0.9952
45.2	0.9994	0.7908	0.9988	0.9906	0.9988	0.9921	0.9986	0.9957
45.3	0.9995	0.8385	0.9991	0.9906	0.9991	0.9927	0.9991	0.9956
45.4	0.9991	0.8771	0.9989	0.9844	0.9989	0.9897	0.9984	0.9926
45.5	0.9989	0.8922	0.9988	0.9833	0.9988	0.9861	0.9975	0.9949
45.6	0.9991	0.9185	0.9992	0.9878	0.9987	0.9908	0.9975	0.9949
45.7	0.9994	0.9140	0.9991	0.9890	0.9987	0.9927	0.9979	0.9938
45.8	0.9992	0.9037	0.9986	0.9862	0.9984	0.9954	0.9973	0.9944
45.9	0.9994	0.9137	0.9987	0.9869	0.9988	0.9923	0.9982	0.9970
46.0	0.9994	0.9180	0.9988	0.9862	0.9990	0.9932	0.9987	0.9957
46.1	0.9995	0.9406	0.9987	0.9860	0.9989	0.9916	0.9989	0.9961
46.2	0.9993	0.9312	0.9984	0.9807	0.9986	0.9881	0.9979	0.9882
46.3	0.9995	0.9511	0.9989	0.9880	0.9990	0.9932	0.9987	0.9909
46.4	0.9996	0.9624	0.9991	0.9906	0.9991	0.9919	0.9988	0.9941
46.5	0.9996	0.9706	0.9991	0.9907	0.9990	0.9914	0.9990	0.9953
46.6	0.9994	0.9719	0.9989	0.9863	0.9989	0.9890	0.9986	0.9956
46.7	0.9996	0.9751	0.9990	0.9861	0.9979	0.9923	0.9985	0.9914
46.8	0.9997	0.9691	0.9985	0.9864	0.9983	0.9943	0.9979	0.9924
46.9	0.9994	0.9628	0.9981	0.9801	0.9986	0.9876	0.9986	0.9945
47.0	0.9993	0.9763	0.9990	0.9825	0.9987	0.9841	0.9988	0.9965
47.1	0.9995	0.9832	0.9990	0.9848	0.9982	0.9884	0.9988	0.9952
47.2	0.9996	0.9838	0.9990	0.9871	0.9984	0.9923	0.9989	0.9924
47.3	0.9994	0.9807	0.9990	0.9812	0.9982	0.9887	0.9988	0.9928
47.4	0.9995	0.9841	0.9991	0.9790	0.9986	0.9893	0.9991	0.9940
47.5	0.9994	0.9818	0.9985	0.9774	0.9980	0.9905	0.9989	0.9920
47.6	0.9996	0.9848	0.9990	0.9771	0.9979	0.9868	0.9989	0.9924
47.7	0.9996	0.9866	0.9989	0.9759	0.9977	0.9853	0.9990	0.9899
47.8	0.9996	0.9873	0.9990	0.9795	0.9974	0.9835	0.9987	0.9919
47.9	0.9995	0.9884	0.9990	0.9750	0.9977	0.9775	0.9988	0.9928
48.0	0.9995	0.9898	0.9990	0.9737	0.9972	0.9820	0.9987	0.9937
48.1	0.9994	0.9882	0.9989	0.9752	0.9968	0.9799	0.9988	0.9913
48.2	0.9993	0.9877	0.9989	0.9691	0.9972	0.9854	0.9985	0.9900
48.3	0.9994	0.9882	0.9993	0.9736	0.9973	0.9875	0.9986	0.9888
48.4	0.9995	0.9874	0.9988	0.9683	0.9964	0.9840	0.9987	0.9882
48.5	0.9995	0.9871	0.9986	0.9644	0.9968	0.9849	0.9987	0.9876
48.6	0.9995	0.9874	0.9986	0.9658	0.9961	0.9826	0.9986	0.9880
48.7	0.9994	0.9873	0.9986	0.9629	0.9955	0.9811	0.9984	0.9857
48.8	0.9994	0.9885	0.9989	0.9705	0.9956	0.9817	0.9985	0.9874
48.9	0.9994	0.9907	0.9989	0.9702	0.9963	0.9868	0.9988	0.9888
49.0	0.9992	0.9875	0.9989	0.9517	0.9960	0.9876	0.9981	0.9856
49.1	0.9994	0.9878	0.9986	0.9526	0.9962	0.9863	0.9982	0.9799
49.2	0.9994	0.9880	0.9988	0.9579	0.9957	0.9855	0.9983	0.9685
49.3	0.9995	0.9912	0.9991	0.9664	0.9962	0.9864	0.9985	0.9752
49.4	0.9994	0.9915	0.9987	0.9597	0.9958	0.9851	0.9981	0.9748
49.5	0.9993	0.9893	0.9987	0.9532	0.9925	0.9827	0.9975	0.9610
49.6	0.9992	0.9874	0.9983	0.9450	0.9937	0.9804	0.9971	0.9557
49.7	0.9991	0.9873	0.9981	0.9461	0.9929	0.9792	0.9971	0.9522
49.8	0.9993	0.9909	0.9983	0.9542	0.9919	0.9798	0.9969	0.9515
49.9	0.9993	0.9908	0.9987	0.9542	0.9927	0.9756	0.9976	0.9455
50.0	0.9995	0.9914	0.9990	0.9602	0.9932	0.9810	0.9980	0.9565
50.1	0.9995	0.9905	0.9986	0.9565	0.9927	0.9821	0.9971	0.9556
50.2	0.9994	0.9910	0.9986	0.9507	0.9934	0.9787	0.9976	0.9585
50.3	0.9991	0.9879	0.9982	0.9322	0.9903	0.9646	0.9967	0.9166
50.4	0.9990	0.9867	0.9983	0.9401	0.9886	0.9638	0.9956	0.8944
50.5	0.9992	0.9926	0.9986	0.9668	0.9907	0.9792	0.9972	0.9449
50.6	0.9993	0.9936	0.9987	0.9658	0.9902	0.9684	0.9975	0.9334
50.7	0.9993	0.9945	0.9985	0.9657	0.9885	0.9750	0.9971	0.9303
50.8	0.9993	0.9943	0.9985	0.9564	0.9870	0.9805	0.9972	0.9435
50.9	0.9989	0.9913	0.9982	0.9514	0.9806	0.9704	0.9959	0.9048

51.0	0.9990	0.9939	0.9983	0.9647	0.9831	0.9756	0.9969	0.8991
51.1	0.9991	0.9947	0.9987	0.9660	0.9862	0.9783	0.9974	0.8895
51.2	0.9989	0.9934	0.9985	0.9630	0.9832	0.9756	0.9968	0.8608
51.3	0.9983	0.9928	0.9972	0.9644	0.9745	0.9660	0.9956	0.8470
51.4	0.9986	0.9946	0.9975	0.9733	0.9747	0.9730	0.9965	0.8591
51.5	0.9990	0.9953	0.9981	0.9722	0.9707	0.9782	0.9963	0.8617
51.6	0.9984	0.9947	0.9975	0.9674	0.9616	0.9709	0.9956	0.8318
51.7	0.9988	0.9955	0.9979	0.9714	0.9687	0.9746	0.9965	0.8634
51.8	0.9994	0.9971	0.9987	0.9809	0.9769	0.9818	0.9974	0.8568
51.9	0.9991	0.9964	0.9984	0.9812	0.9481	0.9725	0.9955	0.7742
52.0	0.9989	0.9963	0.9985	0.9761	0.9336	0.9607	0.9940	0.6784
52.1	0.9991	0.9974	0.9984	0.9780	0.9468	0.9726	0.9956	0.7062
52.2	0.9991	0.9967	0.9986	0.9819	0.9422	0.9783	0.9959	0.7184
52.3	0.9992	0.9963	0.9989	0.9785	0.9243	0.9687	0.9947	0.5425
52.4	0.9991	0.9974	0.9985	0.9767	0.9263	0.9682	0.9949	0.2928
52.5	0.9987	0.9961	0.9980	0.9756	0.9146	0.9590	0.9946	0.3273
52.6	0.9990	0.9955	0.9987	0.9802	0.9252	0.9618	0.9956	0.4778
52.7	0.9990	0.9962	0.9983	0.9799	0.9178	0.9644	0.9958	0.3969
52.8	0.9991	0.9962	0.9985	0.9809	0.8993	0.9562	0.9960	0.5167
52.9	0.9992	0.9960	0.9985	0.9871	0.9053	0.9593	0.9955	0.6271
53.0	0.9993	0.9973	0.9984	0.9901	0.9076	0.9612	0.9958	0.7388
53.1	0.9994	0.9972	0.9986	0.9868	0.9138	0.9643	0.9957	0.6432
53.2	0.9991	0.9966	0.9981	0.9837	0.8968	0.9516	0.9947	0.5694
53.3	0.9988	0.9957	0.9981	0.9777	0.8506	0.9427	0.9935	0.5455
53.4	0.9991	0.9963	0.9980	0.9799	0.8703	0.9615	0.9945	0.7365
53.5	0.9990	0.9956	0.9980	0.9814	0.8742	0.9473	0.9928	0.8094
53.6	0.9988	0.9965	0.9980	0.9865	0.8985	0.9270	0.9913	0.8130
53.7	0.9988	0.9962	0.9984	0.9891	0.9231	0.9511	0.9939	0.8583
53.8	0.9990	0.9958	0.9978	0.9839	0.9027	0.9485	0.9934	0.8399
53.9	0.9993	0.9966	0.9985	0.9890	0.9185	0.9599	0.9956	0.8775
54.0	0.9995	0.9980	0.9985	0.9908	0.9379	0.9708	0.9963	0.9389
54.1	0.9992	0.9973	0.9980	0.9895	0.9120	0.9622	0.9933	0.9006
54.2	0.9990	0.9963	0.9975	0.9849	0.9023	0.9361	0.9919	0.8548
54.3	0.9993	0.9970	0.9982	0.9889	0.9165	0.9565	0.9948	0.9130
54.4	0.9993	0.9972	0.9979	0.9903	0.9310	0.9563	0.9941	0.9094
54.5	0.9991	0.9967	0.9981	0.9883	0.9361	0.9619	0.9942	0.9180
54.6	0.9992	0.9969	0.9981	0.9891	0.9384	0.9599	0.9946	0.9065
54.7	0.9993	0.9963	0.9977	0.9892	0.9356	0.9589	0.9938	0.9246
54.8	0.9991	0.9964	0.9979	0.9901	0.9491	0.9537	0.9943	0.9225
54.9	0.9992	0.9965	0.9978	0.9905	0.9589	0.9627	0.9952	0.9416
55.0	0.9992	0.9969	0.9977	0.9911	0.9614	0.9518	0.9939	0.9353
55.1	0.9991	0.9960	0.9978	0.9898	0.9531	0.9520	0.9918	0.9281
55.2	0.9991	0.9965	0.9975	0.9916	0.9610	0.9592	0.9924	0.9421
55.3	0.9989	0.9965	0.9970	0.9917	0.9544	0.9516	0.9911	0.9259
55.4	0.9989	0.9959	0.9975	0.9910	0.9650	0.9560	0.9927	0.9180
55.5	0.9989	0.9956	0.9976	0.9898	0.9762	0.9654	0.9944	0.9365
55.6	0.9989	0.9966	0.9976	0.9907	0.9781	0.9699	0.9949	0.9428
55.7	0.9987	0.9970	0.9975	0.9927	0.9814	0.9715	0.9949	0.9543
55.8	0.9989	0.9970	0.9979	0.9930	0.9787	0.9738	0.9928	0.9549
55.9	0.9993	0.9977	0.9987	0.9947	0.9827	0.9767	0.9952	0.9574
56.0	0.9993	0.9982	0.9982	0.9940	0.9811	0.9687	0.9945	0.9635
56.1	0.9987	0.9975	0.9973	0.9913	0.9831	0.9611	0.9945	0.9560
56.2	0.9989	0.9980	0.9983	0.9928	0.9892	0.9683	0.9955	0.9547
56.3	0.9990	0.9983	0.9984	0.9950	0.9891	0.9728	0.9953	0.9590
56.4	0.9992	0.9986	0.9985	0.9956	0.9921	0.9759	0.9962	0.9630
56.5	0.9990	0.9982	0.9981	0.9940	0.9912	0.9750	0.9966	0.9575
56.6	0.9987	0.9969	0.9981	0.9931	0.9905	0.9708	0.9959	0.9448
56.7	0.9990	0.9977	0.9983	0.9952	0.9879	0.9688	0.9943	0.9231
56.8	0.9992	0.9981	0.9987	0.9957	0.9902	0.9658	0.9944	0.9121
56.9	0.9988	0.9978	0.9982	0.9949	0.9914	0.9525	0.9935	0.9204
57.0	0.9990	0.9980	0.9986	0.9963	0.9921	0.9623	0.9953	0.9469
57.1	0.9989	0.9981	0.9985	0.9954	0.9907	0.9540	0.9955	0.9265
57.2	0.9981	0.9979	0.9977	0.9919	0.9860	0.9398	0.9944	0.8883
57.3	0.9984	0.9974	0.9982	0.9936	0.9886	0.9472	0.9931	0.8925
57.4	0.9986	0.9981	0.9979	0.9931	0.9916	0.9420	0.9941	0.9282
57.5	0.9982	0.9980	0.9973	0.9934	0.9910	0.9408	0.9931	0.9360
57.6	0.9986	0.9983	0.9980	0.9946	0.9928	0.9430	0.9941	0.9357
57.7	0.9988	0.9985	0.9982	0.9955	0.9919	0.9434	0.9951	0.9343
57.8	0.9988	0.9988	0.9986	0.9963	0.9927	0.9434	0.9964	0.9397
57.9	0.9979	0.9981	0.9977	0.9930	0.9914	0.9262	0.9944	0.9278
58.0	0.9979	0.9979	0.9973	0.9945	0.9919	0.9173	0.9933	0.9240
58.1	0.9985	0.9980	0.9982	0.9965	0.9939	0.9257	0.9952	0.9454
58.2	0.9986	0.9981	0.9985	0.9968	0.9938	0.9080	0.9947	0.9460
58.3	0.9979	0.9978	0.9980	0.9961	0.9932	0.8748	0.9933	0.9391
58.4	0.9978	0.9975	0.9978	0.9953	0.9943	0.8375	0.9917	0.9224
58.5	0.9984	0.9970	0.9979	0.9958	0.9941	0.8236	0.9914	0.9233
58.6	0.9987	0.9973	0.9981	0.9946	0.9938	0.8003	0.9926	0.9222
58.7	0.9984	0.9974	0.9984	0.9953	0.9951	0.8726	0.9946	0.9349
58.8	0.9985	0.9972	0.9986	0.9961	0.9962	0.8831	0.9945	0.9368
58.9	0.9984	0.9977	0.9985	0.9960	0.9968	0.7926	0.9927	0.9117
59.0	0.9974	0.9953	0.9981	0.9912	0.9943	0.4752	0.9859	0.7703
59.1	0.9974	0.9951	0.9982	0.9927	0.9947	0.2676	0.9884	0.7755
59.2	0.9975	0.9923	0.9983	0.9898	0.9935	0.3694	0.9907	0.7878
59.3	0.9973	0.9922	0.9977	0.9907	0.9931	0.2603	0.9870	0.6505
59.4	0.9974	0.9885	0.9977	0.9877	0.9924	0.0074	0.9807	0.3801
59.5	0.9974	0.9903	0.9978	0.9894	0.9943	0.2424	0.9776	0.2603

59.6	0.9967	0.9807	0.9969	0.9821	0.9907	0.4932	0.9584	0.0336
59.7	0.9971	0.9821	0.9970	0.9853	0.9933	0.6258	0.9502	0.0434
59.8	0.9970	0.9783	0.9975	0.9805	0.9930	0.6139	0.9502	0.0469
59.9	0.9710	0.8890	0.9942	0.3512	0.9860	0.6692	0.9588	0.0820
60.0	0.8648	0.5420	0.9748	0.1115	0.9607	0.4482	0.9538	0.2449
60.1	0.9400	0.6749	0.9874	0.1484	0.9804	0.6573	0.9588	0.3703
60.2	0.9969	0.9733	0.9973	0.9540	0.9937	0.8290	0.9703	0.5027
60.3	0.9969	0.9820	0.9974	0.9704	0.9942	0.8503	0.9673	0.6345
60.4	0.9968	0.9860	0.9975	0.9676	0.9938	0.8771	0.9719	0.7482
60.5	0.9956	0.9841	0.9973	0.9497	0.9938	0.8780	0.9651	0.7830
60.6	0.9959	0.9891	0.9974	0.9412	0.9941	0.8738	0.9732	0.8888
60.7	0.9961	0.9916	0.9978	0.9281	0.9941	0.8435	0.9814	0.8794
60.8	0.9949	0.9910	0.9973	0.9233	0.9941	0.7949	0.9845	0.8677
60.9	0.9950	0.9913	0.9969	0.9258	0.9951	0.8248	0.9805	0.8743
61.0	0.9937	0.9893	0.9970	0.9173	0.9931	0.8332	0.9712	0.8460
61.1	0.9902	0.9882	0.9960	0.9009	0.9905	0.8425	0.9709	0.7556
61.2	0.9887	0.9886	0.9952	0.9101	0.9917	0.8809	0.9679	0.7019
61.3	0.9920	0.9904	0.9966	0.9321	0.9938	0.9183	0.9773	0.6684
61.4	0.9907	0.9910	0.9954	0.9327	0.9914	0.9040	0.9779	0.6938
61.5	0.9903	0.9920	0.9963	0.9485	0.9915	0.9273	0.9819	0.7755
61.6	0.9903	0.9928	0.9964	0.9584	0.9928	0.9282	0.9845	0.8349
61.7	0.9885	0.9922	0.9966	0.9686	0.9938	0.9191	0.9836	0.8284
61.8	0.9911	0.9935	0.9970	0.9776	0.9948	0.9370	0.9877	0.8535
61.9	0.9892	0.9932	0.9970	0.9677	0.9940	0.9395	0.9883	0.9011
62.0	0.9857	0.9900	0.9960	0.9542	0.9920	0.9347	0.9847	0.9258
62.1	0.9867	0.9921	0.9968	0.9739	0.9937	0.9539	0.9894	0.9345
62.2	0.9811	0.9911	0.9962	0.9717	0.9927	0.9429	0.9879	0.9226
62.3	0.9784	0.9884	0.9957	0.9621	0.9920	0.9244	0.9832	0.9462
62.4	0.9780	0.9881	0.9955	0.9701	0.9926	0.9296	0.9876	0.9605
62.5	0.9739	0.9863	0.9953	0.9786	0.9925	0.9288	0.9856	0.9554
62.6	0.9721	0.9890	0.9964	0.9782	0.9944	0.9455	0.9883	0.9641
62.7	0.9767	0.9937	0.9974	0.9790	0.9957	0.9561	0.9893	0.9737
62.8	0.9588	0.9919	0.9960	0.9783	0.9945	0.9388	0.9850	0.9754
62.9	0.9497	0.9915	0.9951	0.9743	0.9922	0.9364	0.9875	0.9703
63.0	0.9520	0.9902	0.9949	0.9720	0.9921	0.9433	0.9870	0.9720
63.1	0.9320	0.9895	0.9946	0.9731	0.9934	0.9457	0.9793	0.9759
63.2	0.9441	0.9911	0.9963	0.9800	0.9934	0.9496	0.9801	0.9699
63.3	0.9378	0.9865	0.9959	0.9762	0.9923	0.9603	0.9784	0.9788
63.4	0.9405	0.9882	0.9967	0.9773	0.9940	0.9768	0.9841	0.9875
63.5	0.8863	0.9844	0.9946	0.9688	0.9930	0.9651	0.9726	0.9804
63.6	0.8259	0.9843	0.9937	0.9639	0.9889	0.9601	0.9712	0.9822
63.7	0.8005	0.9889	0.9948	0.9595	0.9874	0.9706	0.9742	0.9844
63.8	0.7999	0.9879	0.9958	0.9711	0.9941	0.9765	0.9779	0.9852
63.9	0.7970	0.9880	0.9962	0.9734	0.9938	0.9795	0.9788	0.9863
64.0	0.7399	0.9895	0.9963	0.9612	0.9927	0.9839	0.9841	0.9884
64.1	0.7530	0.9905	0.9965	0.9643	0.9919	0.9850	0.9838	0.9891
64.2	0.6769	0.9862	0.9951	0.9586	0.9884	0.9856	0.9789	0.9870
64.3	0.7982	0.9868	0.9946	0.9511	0.9891	0.9814	0.9800	0.9871
64.4	0.7970	0.9884	0.9950	0.9513	0.9899	0.9833	0.9780	0.9919
64.5	0.8428	0.9882	0.9955	0.9509	0.9879	0.9852	0.9799	0.9931
64.6	0.8582	0.9895	0.9960	0.9464	0.9883	0.9875	0.9809	0.9909
64.7	0.8704	0.9849	0.9929	0.9326	0.9868	0.9845	0.9758	0.9849
64.8	0.9177	0.9859	0.9943	0.9419	0.9803	0.9858	0.9772	0.9869
64.9	0.9393	0.9833	0.9933	0.9524	0.9778	0.9816	0.9752	0.9838
65.0	0.9305	0.9785	0.9903	0.9515	0.9765	0.9817	0.9712	0.9798
65.1	0.9303	0.9761	0.9893	0.9617	0.9680	0.9794	0.9695	0.9776
65.2	0.9484	0.9795	0.9904	0.9527	0.9714	0.9816	0.9749	0.9792
65.3	0.9679	0.9849	0.9926	0.9682	0.9617	0.9877	0.9816	0.9857
65.4	0.9750	0.9896	0.9936	0.9772	0.9419	0.9900	0.9858	0.9880
65.5	0.9761	0.9854	0.9928	0.9754	0.9403	0.9884	0.9828	0.9880
65.6	0.9666	0.9773	0.9909	0.9740	0.9095	0.9827	0.9732	0.9848
65.7	0.9695	0.9735	0.9891	0.9726	0.8794	0.9753	0.9709	0.9803
65.8	0.9808	0.9822	0.9904	0.9707	0.8764	0.9808	0.9791	0.9842
65.9	0.9850	0.9875	0.9931	0.9807	0.8950	0.9872	0.9867	0.9906
66.0	0.9825	0.9801	0.9887	0.9808	0.8909	0.9816	0.9791	0.9854
66.1	0.9889	0.9809	0.9906	0.9843	0.9048	0.9824	0.9825	0.9856
66.2	0.9875	0.9791	0.9924	0.9854	0.9047	0.9808	0.9823	0.9843
66.3	0.9878	0.9746	0.9899	0.9832	0.8861	0.9755	0.9795	0.9818
66.4	0.9862	0.9715	0.9867	0.9756	0.9107	0.9683	0.9775	0.9795
66.5	0.9917	0.9819	0.9899	0.9822	0.9471	0.9800	0.9873	0.9833
66.6	0.9933	0.9864	0.9920	0.9872	0.9595	0.9858	0.9898	0.9881
66.7	0.9913	0.9841	0.9925	0.9856	0.9501	0.9843	0.9867	0.9866
66.8	0.9910	0.9845	0.9924	0.9785	0.9618	0.9836	0.9865	0.9843
66.9	0.9908	0.9836	0.9910	0.9794	0.9640	0.9794	0.9862	0.9824
67.0	0.9925	0.9807	0.9918	0.9869	0.9624	0.9786	0.9851	0.9855
67.1	0.9938	0.9848	0.9936	0.9905	0.9715	0.9826	0.9885	0.9868
67.2	0.9943	0.9856	0.9925	0.9880	0.9767	0.9819	0.9903	0.9871
67.3	0.9938	0.9840	0.9926	0.9875	0.9748	0.9840	0.9883	0.9871
67.4	0.9956	0.9885	0.9949	0.9919	0.9804	0.9877	0.9917	0.9907
67.5	0.9934	0.9807	0.9918	0.9894	0.9710	0.9782	0.9870	0.9850
67.6	0.9932	0.9777	0.9907	0.9876	0.9737	0.9731	0.9870	0.9816
67.7	0.9933	0.9780	0.9923	0.9909	0.9765	0.9742	0.9870	0.9849
67.8	0.9954	0.9842	0.9942	0.9932	0.9822	0.9817	0.9904	0.9905
67.9	0.9941	0.9864	0.9948	0.9896	0.9787	0.9818	0.9905	0.9896
68.0	0.9933	0.9798	0.9924	0.9888	0.9765	0.9742	0.9875	0.9862
68.1	0.9925	0.9760	0.9915	0.9886	0.9742	0.9689	0.9848	0.9860

68.2	0.9948	0.9838	0.9951	0.9919	0.9800	0.9774	0.9895	0.9893
68.3	0.9953	0.9857	0.9951	0.9912	0.9830	0.9811	0.9908	0.9916
68.4	0.9935	0.9782	0.9931	0.9889	0.9757	0.9750	0.9854	0.9910
68.5	0.9932	0.9788	0.9931	0.9892	0.9755	0.9751	0.9860	0.9887
68.6	0.9946	0.9806	0.9937	0.9917	0.9799	0.9744	0.9890	0.9899
68.7	0.9948	0.9812	0.9935	0.9914	0.9813	0.9744	0.9895	0.9905
68.8	0.9937	0.9798	0.9928	0.9901	0.9792	0.9731	0.9874	0.9883
68.9	0.9954	0.9794	0.9949	0.9926	0.9798	0.9712	0.9882	0.9887
69.0	0.9957	0.9809	0.9947	0.9928	0.9820	0.9735	0.9891	0.9886
69.1	0.9965	0.9870	0.9953	0.9935	0.9886	0.9802	0.9935	0.9905
69.2	0.9939	0.9819	0.9945	0.9913	0.9805	0.9724	0.9882	0.9871
69.3	0.9926	0.9754	0.9934	0.9885	0.9731	0.9547	0.9840	0.9823
69.4	0.9947	0.9810	0.9948	0.9917	0.9815	0.9698	0.9888	0.9888
69.5	0.9936	0.9790	0.9943	0.9914	0.9801	0.9717	0.9872	0.9879
69.6	0.9910	0.9633	0.9918	0.9866	0.9633	0.9474	0.9781	0.9814
69.7	0.9914	0.9636	0.9918	0.9878	0.9653	0.9459	0.9795	0.9841
69.8	0.9930	0.9719	0.9931	0.9874	0.9750	0.9550	0.9851	0.9850
69.9	0.9929	0.9748	0.9942	0.9898	0.9760	0.9580	0.9853	0.9869
70.0	0.9916	0.9681	0.9930	0.9892	0.9690	0.9511	0.9812	0.9863
70.1	0.9929	0.9746	0.9935	0.9925	0.9780	0.9588	0.9860	0.9905
70.2	0.9926	0.9780	0.9947	0.9914	0.9784	0.9598	0.9860	0.9905
70.3	0.9899	0.9624	0.9906	0.9873	0.9662	0.9419	0.9778	0.9849
70.4	0.9920	0.9605	0.9907	0.9885	0.9722	0.9440	0.9811	0.9867
70.5	0.9921	0.9591	0.9913	0.9880	0.9707	0.9409	0.9804	0.9842
70.6	0.9912	0.9617	0.9910	0.9890	0.9702	0.9452	0.9807	0.9854
70.7	0.9911	0.9652	0.9907	0.9899	0.9706	0.9516	0.9802	0.9884
70.8	0.9895	0.9629	0.9908	0.9867	0.9674	0.9598	0.9778	0.9898
70.9	0.9892	0.9632	0.9923	0.9885	0.9692	0.9564	0.9795	0.9899
71.0	0.9907	0.9625	0.9922	0.9910	0.9718	0.9609	0.9810	0.9888
71.1	0.9893	0.9521	0.9901	0.9885	0.9627	0.9515	0.9753	0.9850
71.2	0.9870	0.9583	0.9912	0.9875	0.9644	0.9404	0.9761	0.9817
71.3	0.9886	0.9637	0.9924	0.9891	0.9646	0.9577	0.9771	0.9834
71.4	0.9853	0.9582	0.9914	0.9869	0.9592	0.9614	0.9720	0.9821
71.5	0.9881	0.9676	0.9927	0.9879	0.9712	0.9672	0.9792	0.9851
71.6	0.9893	0.9724	0.9913	0.9872	0.9734	0.9619	0.9808	0.9840
71.7	0.9893	0.9642	0.9905	0.9894	0.9742	0.9660	0.9811	0.9855
71.8	0.9867	0.9520	0.9891	0.9875	0.9656	0.9620	0.9753	0.9842
71.9	0.9887	0.9580	0.9890	0.9892	0.9689	0.9622	0.9762	0.9823
72.0	0.9858	0.9383	0.9841	0.9846	0.9521	0.9558	0.9649	0.9687
72.1	0.9818	0.9236	0.9814	0.9813	0.9405	0.9370	0.9585	0.9602
72.2	0.9859	0.9524	0.9865	0.9857	0.9623	0.9560	0.9726	0.9750
72.3	0.9820	0.9563	0.9876	0.9822	0.9604	0.9586	0.9699	0.9755
72.4	0.9839	0.9618	0.9905	0.9848	0.9682	0.9613	0.9760	0.9806
72.5	0.9829	0.9485	0.9872	0.9828	0.9619	0.9355	0.9718	0.9767
72.6	0.9755	0.9354	0.9851	0.9772	0.9511	0.9023	0.9638	0.9712
72.7	0.9795	0.9500	0.9858	0.9801	0.9605	0.9206	0.9696	0.9738
72.8	0.9826	0.9523	0.9851	0.9831	0.9655	0.9301	0.9730	0.9749
72.9	0.9775	0.9304	0.9804	0.9775	0.9543	0.9073	0.9653	0.9694
73.0	0.9693	0.9049	0.9711	0.9698	0.9306	0.8595	0.9484	0.9515
73.1	0.9702	0.9127	0.9729	0.9727	0.9375	0.8415	0.9522	0.9512
73.2	0.9771	0.9411	0.9826	0.9790	0.9518	0.8595	0.9639	0.9639
73.3	0.9789	0.9406	0.9815	0.9813	0.9558	0.8665	0.9666	0.9665
73.4	0.9781	0.9321	0.9812	0.9803	0.9566	0.8421	0.9672	0.9691
73.5	0.9717	0.9095	0.9767	0.9764	0.9402	0.7889	0.9547	0.9632
73.6	0.9668	0.8846	0.9672	0.9695	0.9216	0.7568	0.9416	0.9522
73.7	0.9692	0.8802	0.9629	0.9699	0.9211	0.7509	0.9405	0.9489
73.8	0.9771	0.9125	0.9740	0.9792	0.9464	0.8007	0.9588	0.9702
73.9	0.9776	0.9180	0.9733	0.9797	0.9553	0.7953	0.9646	0.9705
74.0	0.9751	0.9124	0.9762	0.9771	0.9500	0.7305	0.9624	0.9750
74.1	0.9764	0.8961	0.9718	0.9786	0.9409	0.6648	0.9571	0.9720
74.2	0.9788	0.9042	0.9728	0.9826	0.9477	0.6046	0.9615	0.9732
74.3	0.9678	0.8666	0.9625	0.9718	0.9252	0.3661	0.9444	0.9587
74.4	0.9592	0.8736	0.9648	0.9628	0.9150	0.3574	0.9382	0.9636
74.5	0.9635	0.8486	0.9544	0.9678	0.9119	0.3012	0.9359	0.9622
74.6	0.9668	0.8313	0.9502	0.9714	0.9130	0.2070	0.9385	0.9641
74.7	0.9646	0.8371	0.9508	0.9696	0.9086	0.2423	0.9342	0.9615
74.8	0.9674	0.8504	0.9530	0.9731	0.9142	0.3331	0.9375	0.9631
74.9	0.9734	0.8674	0.9548	0.9774	0.9255	0.4415	0.9459	0.9681
75.0	0.9658	0.8487	0.9478	0.9702	0.9175	0.4832	0.9404	0.9621
75.1	0.9533	0.8338	0.9365	0.9608	0.9132	0.6493	0.9328	0.9714
75.2	0.9500	0.8028	0.9351	0.9589	0.8928	0.7376	0.9238	0.9703
75.3	0.9495	0.7854	0.9358	0.9594	0.8775	0.7828	0.9161	0.9659
75.4	0.9564	0.8016	0.9387	0.9638	0.8931	0.7673	0.9255	0.9728
75.5	0.9595	0.7937	0.9364	0.9641	0.8929	0.8214	0.9260	0.9748
75.6	0.9525	0.7763	0.9172	0.9622	0.8786	0.8682	0.9123	0.9665
75.7	0.9502	0.7890	0.8965	0.9578	0.8794	0.8523	0.9131	0.9551
75.8	0.9549	0.7680	0.9106	0.9595	0.8841	0.8769	0.9159	0.9676
75.9	0.9529	0.7484	0.9373	0.9622	0.8830	0.9277	0.9209	0.9816
76.0	0.9416	0.7566	0.9374	0.9545	0.8930	0.8889	0.9304	0.9812
76.1	0.9478	0.7321	0.9157	0.9611	0.8795	0.9045	0.9221	0.9724
76.2	0.9544	0.7391	0.9086	0.9632	0.8868	0.9364	0.9251	0.9736
76.3	0.9524	0.7847	0.9209	0.9633	0.9010	0.9388	0.9380	0.9807
76.4	0.9324	0.6740	0.9121	0.9464	0.8481	0.9505	0.9054	0.9710
76.5	0.9267	0.5587	0.8885	0.9405	0.8094	0.9523	0.8819	0.9635
76.6	0.9283	0.5510	0.9006	0.9426	0.8052	0.9524	0.8827	0.9610
76.7	0.9283	0.5581	0.8955	0.9492	0.8168	0.9504	0.8964	0.9651

76.8	0.9095	0.4978	0.8608	0.9379	0.7648	0.9431	0.8653	0.9434
76.9	0.8963	0.4944	0.8577	0.9285	0.7684	0.9482	0.8665	0.9395
77.0	0.8998	0.4535	0.8585	0.9212	0.7898	0.9510	0.8711	0.9441
77.1	0.9075	0.4428	0.8564	0.9319	0.7890	0.9346	0.8744	0.9525
77.2	0.8798	0.4210	0.8776	0.9165	0.7653	0.9455	0.8666	0.9444
77.3	0.8796	0.3075	0.8860	0.9186	0.7280	0.9565	0.8522	0.9307
77.4	0.8870	0.3543	0.9134	0.9190	0.7240	0.9542	0.8632	0.9289
77.5	0.9092	0.3404	0.9170	0.9335	0.7360	0.9500	0.8702	0.9294
77.6	0.8519	0.1711	0.8737	0.8962	0.6566	0.9409	0.8444	0.9144
77.7	0.8767	0.2478	0.8924	0.9204	0.6895	0.9580	0.8732	0.9315
77.8	0.8923	0.2395	0.9254	0.9402	0.7520	0.9636	0.9017	0.9434
77.9	0.8897	0.1268	0.9167	0.9363	0.7311	0.9588	0.8955	0.9465
78.0	0.8300	0.1059	0.8779	0.8967	0.6374	0.9617	0.8536	0.9139
78.1	0.8555	0.3228	0.9092	0.9234	0.7254	0.9620	0.8946	0.9175
78.2	0.8409	0.3129	0.9248	0.9135	0.7203	0.9591	0.8905	0.9086
78.3	0.8037	0.2755	0.9090	0.8856	0.5876	0.9529	0.8623	0.8702
78.4	0.8221	0.2326	0.9183	0.9079	0.6122	0.9533	0.8708	0.9177
78.5	0.8013	0.2747	0.9024	0.9006	0.6210	0.9457	0.8561	0.8995
78.6	0.8063	0.3258	0.9046	0.9102	0.6001	0.9491	0.8596	0.8879
78.7	0.8175	0.4911	0.8827	0.9108	0.6068	0.9384	0.8639	0.8375
78.8	0.8174	0.5201	0.9018	0.8976	0.6971	0.9423	0.8865	0.8881
78.9	0.8351	0.5161	0.9231	0.9179	0.7032	0.9534	0.9043	0.8886
79.0	0.8088	0.4430	0.8948	0.9017	0.6335	0.9393	0.8670	0.8455
79.1	0.7988	0.4362	0.8689	0.8980	0.6625	0.9185	0.8663	0.8234
79.2	0.8033	0.3890	0.8891	0.8925	0.6796	0.9022	0.8606	0.7863
79.3	0.8527	0.2299	0.9332	0.9127	0.7329	0.9408	0.8942	0.8289
79.4	0.8736	0.1235	0.9512	0.9347	0.7374	0.9601	0.9093	0.8438
79.5	0.8230	0.1141	0.9326	0.9213	0.7189	0.9532	0.8974	0.7997
79.6	0.7632	0.2066	0.9066	0.9118	0.6799	0.9353	0.8948	0.7606
79.7	0.7576	0.3428	0.9428	0.9136	0.7042	0.9473	0.9052	0.7817
79.8	0.7315	0.2710	0.9198	0.8908	0.6651	0.9469	0.8876	0.7548
79.9	0.6842	0.1662	0.8683	0.8564	0.6440	0.9243	0.8614	0.6951
80.0	0.7729	0.3820	0.8980	0.9161	0.7973	0.9506	0.9071	0.7203

2.2.62 Run 6 – VT000 – Accels 9–16

Vertical shaking at 0°. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0943	0.5099	0.3693	0.3918	0.2063	0.1833	0.4329	0.5033
0.1	0.0156	0.1023	0.0303	0.0602	0.0349	0.0722	0.0640	0.1087
0.2	0.0149	0.0126	0.0234	0.0381	0.0413	0.0731	0.0182	0.0199
0.3	0.0165	0.0104	0.0002	0.0035	0.0030	0.0617	0.0267	0.0187
0.4	0.0498	0.0164	0.0209	0.0089	0.0254	0.0203	0.0343	0.0189
0.5	0.0556	0.0895	0.0151	0.0041	0.0154	0.0096	0.0119	0.0087
0.6	0.0812	0.2317	0.0087	0.0583	0.0098	0.0007	0.0131	0.0139
0.7	0.0235	0.2358	0.0196	0.0570	0.0312	0.0102	0.0195	0.0103
0.8	0.0044	0.2984	0.0188	0.0027	0.0408	0.0746	0.0351	0.0034
0.9	0.1577	0.7635	0.0241	0.1204	0.0037	0.0299	0.0139	0.0361
1.0	0.2240	0.7826	0.0485	0.2408	0.0233	0.0005	0.0079	0.0748
1.1	0.2295	0.7988	0.1345	0.1208	0.0177	0.0371	0.0012	0.0761
1.2	0.3171	0.8801	0.0635	0.0783	0.1093	0.0267	0.0066	0.2716
1.3	0.4201	0.8958	0.0835	0.1887	0.1428	0.0656	0.0276	0.2623
1.4	0.5912	0.8911	0.0221	0.1517	0.2847	0.1652	0.0236	0.2845
1.5	0.6396	0.9148	0.1435	0.3398	0.3085	0.3799	0.0397	0.3167
1.6	0.3521	0.9368	0.2732	0.1974	0.3856	0.2396	0.0324	0.4347
1.7	0.4134	0.9449	0.8473	0.8080	0.5948	0.2296	0.0207	0.4181
1.8	0.7163	0.9495	0.8553	0.9285	0.4972	0.5704	0.0156	0.3643
1.9	0.7998	0.9624	0.8524	0.8827	0.5106	0.7037	0.0318	0.5312
2.0	0.6455	0.9560	0.8728	0.6839	0.7343	0.7243	0.0866	0.7637
2.1	0.4357	0.8522	0.8775	0.4381	0.8343	0.6469	0.3015	0.8586
2.2	0.4996	0.7601	0.8973	0.4773	0.8789	0.6075	0.3001	0.9287
2.3	0.8396	0.8097	0.5796	0.8136	0.8173	0.4769	0.2121	0.8663
2.4	0.8371	0.4914	0.4777	0.7789	0.8239	0.4512	0.0022	0.8239
2.5	0.8930	0.8606	0.5041	0.9398	0.8906	0.4893	0.0081	0.8930
2.6	0.8806	0.9756	0.5844	0.9334	0.9317	0.5748	0.0190	0.9455
2.7	0.8708	0.9803	0.5360	0.9221	0.9372	0.5013	0.1091	0.9560
2.8	0.8326	0.9740	0.4921	0.8677	0.9369	0.3040	0.0643	0.9504
2.9	0.6746	0.9758	0.4313	0.8449	0.9284	0.2327	0.0283	0.9543
3.0	0.6357	0.9850	0.3553	0.7888	0.9484	0.2983	0.0005	0.9634
3.1	0.5969	0.9760	0.3886	0.7542	0.9402	0.3633	0.0155	0.9547
3.2	0.4475	0.9754	0.4800	0.6964	0.9293	0.5291	0.0093	0.9412
3.3	0.3235	0.9776	0.4037	0.5101	0.9147	0.3759	0.0201	0.9248
3.4	0.3251	0.9775	0.3947	0.5024	0.9286	0.1950	0.0521	0.9289
3.5	0.2049	0.9743	0.3290	0.5351	0.9168	0.1600	0.0188	0.9285
3.6	0.0776	0.9458	0.2204	0.3449	0.8751	0.0616	0.0283	0.8967
3.7	0.2625	0.9810	0.2738	0.5707	0.9191	0.3002	0.0022	0.9298
3.8	0.8215	0.9981	0.6811	0.8657	0.9911	0.6780	0.0134	0.9910
3.9	0.9062	0.9991	0.8941	0.9665	0.9966	0.8352	0.0802	0.9968
4.0	0.9407	0.9992	0.9274	0.9752	0.9976	0.8752	0.0591	0.9975
4.1	0.9397	0.9988	0.9037	0.9680	0.9960	0.8591	0.0014	0.9963
4.2	0.8976	0.9983	0.8484	0.9402	0.9960	0.7902	0.0045	0.9959
4.3	0.8550	0.9984	0.7616	0.9410	0.9964	0.7455	0.0221	0.9951
4.4	0.7266	0.9982	0.6662	0.9195	0.9943	0.6392	0.0117	0.9947
4.5	0.6309	0.9977	0.6101	0.8879	0.9947	0.5307	0.0112	0.9941
4.6	0.5490	0.9966	0.5260	0.7553	0.9875	0.4593	0.0129	0.9920
4.7	0.5318	0.9955	0.4627	0.6963	0.9905	0.4094	0.0080	0.9944
4.8	0.5467	0.9954	0.2915	0.6293	0.9937	0.4245	0.0562	0.9938
4.9	0.4400	0.9964	0.1559	0.2893	0.9940	0.3345	0.0021	0.9925
5.0	0.3099	0.9963	0.1404	0.4816	0.9864	0.1651	0.0231	0.9861
5.1	0.4839	0.9986	0.3125	0.7660	0.9946	0.3038	0.0025	0.9940
5.2	0.4328	0.9980	0.2556	0.7865	0.9922	0.2608	0.0044	0.9922
5.3	0.1643	0.9968	0.4316	0.5823	0.9898	0.4871	0.0003	0.9899
5.4	0.1627	0.9946	0.4148	0.3410	0.9845	0.5028	0.0057	0.9860
5.5	0.1305	0.9856	0.5058	0.2124	0.9704	0.4260	0.0025	0.9679
5.6	0.2213	0.9834	0.5650	0.5599	0.9863	0.5426	0.0049	0.9835
5.7	0.3719	0.9927	0.7063	0.6305	0.9923	0.6949	0.0400	0.9917
5.8	0.5938	0.9974	0.8052	0.6922	0.9965	0.7904	0.0480	0.9965
5.9	0.7225	0.9985	0.7507	0.5661	0.9950	0.7651	0.0098	0.9951
6.0	0.7672	0.9994	0.7748	0.3823	0.9905	0.8519	0.0170	0.9904
6.1	0.9024	0.9997	0.8751	0.7164	0.9934	0.9113	0.0380	0.9932
6.2	0.9166	0.9997	0.8832	0.8659	0.9934	0.8952	0.0967	0.9932
6.3	0.9657	0.9998	0.9317	0.9721	0.9947	0.9428	0.2261	0.9947
6.4	0.9680	0.9998	0.9047	0.9886	0.9945	0.9418	0.1672	0.9946
6.5	0.9401	0.9998	0.8910	0.9784	0.9906	0.9161	0.0165	0.9906
6.6	0.9303	0.9995	0.8456	0.9777	0.9885	0.8659	0.0326	0.9885
6.7	0.9244	0.9988	0.8496	0.9859	0.9837	0.8601	0.0793	0.9838
6.8	0.9213	0.9946	0.8622	0.9869	0.9697	0.8638	0.0830	0.9696
6.9	0.9110	0.9661	0.8592	0.9757	0.9458	0.8291	0.0224	0.9458
7.0	0.9065	0.8941	0.8367	0.9368	0.9210	0.7965	0.0496	0.9210
7.1	0.8866	0.8921	0.8244	0.8696	0.8894	0.7999	0.1571	0.8895
7.2	0.9039	0.9319	0.8315	0.7775	0.8852	0.7969	0.1593	0.8854
7.3	0.9662	0.9766	0.9336	0.7485	0.9447	0.9155	0.0078	0.9448
7.4	0.9470	0.9839	0.9675	0.7476	0.9436	0.9653	0.1229	0.9438
7.5	0.9586	0.9929	0.9715	0.6765	0.9592	0.9635	0.2694	0.9594
7.6	0.9789	0.9983	0.9693	0.6010	0.9778	0.9572	0.1613	0.9779
7.7	0.9898	0.9997	0.9764	0.6169	0.9921	0.9642	0.0362	0.9921
7.8	0.9911	0.9998	0.9836	0.6575	0.9978	0.9768	0.0433	0.9978
7.9	0.9916	0.9995	0.9834	0.5932	0.9989	0.9771	0.0981	0.9989

8.0	0.9901	0.9994	0.9838	0.3614	0.9964	0.9781	0.0460	0.9964
8.1	0.9926	0.9996	0.9859	0.4514	0.9989	0.9779	0.0345	0.9988
8.2	0.9897	0.9992	0.9783	0.7063	0.9981	0.9726	0.0614	0.9981
8.3	0.9913	0.9996	0.9845	0.7933	0.9990	0.9807	0.0952	0.9989
8.4	0.9935	0.9994	0.9868	0.7651	0.9989	0.9830	0.1120	0.9989
8.5	0.9940	0.9992	0.9896	0.6414	0.9986	0.9855	0.1698	0.9986
8.6	0.9946	0.9991	0.9934	0.4993	0.9983	0.9907	0.1849	0.9983
8.7	0.9923	0.9984	0.9901	0.3137	0.9965	0.9873	0.1681	0.9967
8.8	0.9901	0.9982	0.9884	0.7525	0.9947	0.9862	0.0500	0.9947
8.9	0.9849	0.9970	0.9889	0.8849	0.9905	0.9858	0.0972	0.9906
9.0	0.9729	0.9957	0.9813	0.9235	0.9815	0.9772	0.0961	0.9818
9.1	0.9795	0.9932	0.9827	0.8907	0.9815	0.9791	0.0794	0.9817
9.2	0.9388	0.9792	0.9603	0.8886	0.9475	0.9550	0.1422	0.9477
9.3	0.9556	0.9818	0.9688	0.9479	0.9622	0.9671	0.1760	0.9622
9.4	0.9125	0.9527	0.9370	0.9103	0.9214	0.9341	0.0949	0.9213
9.5	0.9499	0.9648	0.9532	0.9654	0.9598	0.9502	0.0429	0.9597
9.6	0.9449	0.9527	0.9467	0.9777	0.9613	0.9386	0.0505	0.9611
9.7	0.9707	0.9767	0.9637	0.9901	0.9845	0.9582	0.1341	0.9841
9.8	0.9647	0.9785	0.9566	0.9901	0.9844	0.9451	0.1954	0.9841
9.9	0.9549	0.9847	0.9496	0.9706	0.9863	0.9294	0.1831	0.9856
10.0	0.9443	0.9915	0.9519	0.8853	0.9907	0.9342	0.1611	0.9905
10.1	0.9311	0.9942	0.9581	0.9550	0.9914	0.9524	0.1175	0.9910
10.2	0.9291	0.9966	0.9742	0.9863	0.9947	0.9734	0.0984	0.9941
10.3	0.9010	0.9986	0.9852	0.9887	0.9979	0.9865	0.0839	0.9975
10.4	0.8405	0.9991	0.9892	0.9882	0.9988	0.9879	0.1538	0.9988
10.5	0.8266	0.9992	0.9902	0.9921	0.9982	0.9881	0.1791	0.9983
10.6	0.8310	0.9993	0.9907	0.9879	0.9984	0.9890	0.1613	0.9983
10.7	0.7980	0.9990	0.9921	0.9886	0.9986	0.9908	0.0823	0.9986
10.8	0.8302	0.9989	0.9932	0.9868	0.9981	0.9906	0.0985	0.9981
10.9	0.8317	0.9992	0.9935	0.9867	0.9988	0.9930	0.0848	0.9987
11.0	0.8603	0.9993	0.9945	0.9899	0.9992	0.9945	0.0830	0.9991
11.1	0.8839	0.9992	0.9940	0.9899	0.9992	0.9921	0.0804	0.9991
11.2	0.9074	0.9991	0.9953	0.9885	0.9993	0.9946	0.1308	0.9992
11.3	0.8765	0.9993	0.9971	0.9875	0.9992	0.9953	0.0785	0.9992
11.4	0.8641	0.9993	0.9961	0.9908	0.9994	0.9949	0.1033	0.9993
11.5	0.8991	0.9992	0.9963	0.9912	0.9994	0.9960	0.1938	0.9994
11.6	0.9000	0.9990	0.9959	0.9866	0.9993	0.9966	0.2267	0.9993
11.7	0.9235	0.9994	0.9970	0.9867	0.9994	0.9978	0.1869	0.9994
11.8	0.8978	0.9986	0.9953	0.9810	0.9989	0.9967	0.0703	0.9991
11.9	0.9212	0.9993	0.9975	0.9890	0.9994	0.9976	0.1335	0.9995
12.0	0.9155	0.9991	0.9971	0.9885	0.9996	0.9971	0.1661	0.9996
12.1	0.9188	0.9992	0.9972	0.9868	0.9995	0.9974	0.1959	0.9995
12.2	0.9543	0.9992	0.9975	0.9898	0.9994	0.9978	0.2484	0.9995
12.3	0.9584	0.9993	0.9977	0.9909	0.9995	0.9974	0.2349	0.9996
12.4	0.9520	0.9993	0.9977	0.9914	0.9994	0.9972	0.2252	0.9995
12.5	0.9519	0.9991	0.9973	0.9870	0.9989	0.9971	0.2502	0.9993
12.6	0.9661	0.9993	0.9977	0.9912	0.9993	0.9982	0.4157	0.9995
12.7	0.9714	0.9993	0.9983	0.9918	0.9994	0.9984	0.5076	0.9995
12.8	0.9750	0.9993	0.9982	0.9881	0.9994	0.9982	0.5358	0.9995
12.9	0.9729	0.9992	0.9982	0.9840	0.9990	0.9970	0.4701	0.9992
13.0	0.9584	0.9990	0.9980	0.9877	0.9992	0.9967	0.5313	0.9994
13.1	0.9597	0.9991	0.9980	0.9888	0.9990	0.9965	0.5155	0.9991
13.2	0.9670	0.9990	0.9979	0.9900	0.9990	0.9966	0.5831	0.9991
13.3	0.9689	0.9987	0.9969	0.9887	0.9988	0.9952	0.5533	0.9991
13.4	0.9857	0.9993	0.9980	0.9921	0.9990	0.9975	0.5272	0.9991
13.5	0.9805	0.9985	0.9956	0.9906	0.9983	0.9948	0.5163	0.9984
13.6	0.9828	0.9986	0.9966	0.9914	0.9978	0.9951	0.4974	0.9982
13.7	0.9895	0.9990	0.9975	0.9926	0.9978	0.9969	0.5563	0.9982
13.8	0.9917	0.9990	0.9975	0.9900	0.9979	0.9975	0.5616	0.9981
13.9	0.9848	0.9980	0.9967	0.9866	0.9966	0.9963	0.4396	0.9970
14.0	0.9889	0.9988	0.9980	0.9896	0.9976	0.9981	0.5298	0.9975
14.1	0.9900	0.9989	0.9983	0.9921	0.9981	0.9983	0.6389	0.9979
14.2	0.9914	0.9987	0.9982	0.9908	0.9979	0.9984	0.6403	0.9977
14.3	0.9917	0.9987	0.9981	0.9920	0.9975	0.9982	0.6374	0.9975
14.4	0.9941	0.9984	0.9982	0.9906	0.9966	0.9985	0.6741	0.9964
14.5	0.9848	0.9975	0.9972	0.9851	0.9964	0.9976	0.6971	0.9969
14.6	0.9806	0.9979	0.9974	0.9847	0.9962	0.9979	0.7105	0.9953
14.7	0.9800	0.9985	0.9977	0.9886	0.9966	0.9978	0.7530	0.9946
14.8	0.9759	0.9988	0.9981	0.9860	0.9957	0.9983	0.7662	0.9943
14.9	0.9699	0.9987	0.9974	0.9835	0.9951	0.9977	0.7402	0.9953
15.0	0.9828	0.9987	0.9986	0.9874	0.9935	0.9990	0.7501	0.9963
15.1	0.9737	0.9964	0.9975	0.9684	0.9906	0.9978	0.6692	0.9954
15.2	0.9689	0.9964	0.9973	0.9679	0.9894	0.9977	0.6714	0.9943
15.3	0.9627	0.9941	0.9962	0.9637	0.9904	0.9966	0.7783	0.9942
15.4	0.9666	0.9954	0.9973	0.9723	0.9926	0.9978	0.8439	0.9955
15.5	0.9530	0.9932	0.9965	0.9642	0.9903	0.9966	0.8992	0.9913
15.6	0.9480	0.9922	0.9951	0.9629	0.9879	0.9953	0.9275	0.9899
15.7	0.9656	0.9943	0.9966	0.9686	0.9879	0.9955	0.9464	0.9877
15.8	0.9650	0.9936	0.9956	0.9657	0.9888	0.9943	0.9504	0.9865
15.9	0.9769	0.9963	0.9965	0.9752	0.9910	0.9952	0.9550	0.9889
16.0	0.9681	0.9959	0.9951	0.9650	0.9860	0.9934	0.9437	0.9836
16.1	0.9811	0.9972	0.9936	0.9793	0.9837	0.9927	0.9687	0.9871
16.2	0.9838	0.9965	0.9931	0.9812	0.9840	0.9924	0.9599	0.9878
16.3	0.9769	0.9921	0.9878	0.9750	0.9691	0.9862	0.9468	0.9769
16.4	0.9678	0.9877	0.9836	0.9731	0.9616	0.9817	0.9482	0.9699
16.5	0.9744	0.9830	0.9877	0.9795	0.9774	0.9869	0.9493	0.9816

16.6	0.9868	0.9892	0.9913	0.9661	0.9859	0.9904	0.9358	0.9892
16.7	0.9815	0.9948	0.9880	0.9661	0.9784	0.9867	0.9387	0.9824
16.8	0.9661	0.9885	0.9803	0.9594	0.9729	0.9793	0.9324	0.9741
16.9	0.9620	0.9886	0.9844	0.9625	0.9774	0.9834	0.9466	0.9778
17.0	0.9508	0.9854	0.9842	0.9613	0.9783	0.9836	0.9436	0.9784
17.1	0.9649	0.9935	0.9916	0.9596	0.9915	0.9910	0.9408	0.9927
17.2	0.9844	0.9940	0.9801	0.9275	0.9825	0.9797	0.9244	0.9829
17.3	0.9874	0.9944	0.9887	0.9527	0.9909	0.9884	0.9376	0.9911
17.4	0.9725	0.9940	0.9910	0.9505	0.9955	0.9907	0.9252	0.9949
17.5	0.9699	0.9950	0.9938	0.9716	0.9966	0.9936	0.9249	0.9970
17.6	0.9818	0.9968	0.9935	0.9509	0.9946	0.9931	0.8951	0.9957
17.7	0.9862	0.9976	0.9956	0.9501	0.9961	0.9954	0.9043	0.9966
17.8	0.9823	0.9975	0.9958	0.9659	0.9962	0.9955	0.9123	0.9966
17.9	0.9790	0.9975	0.9959	0.9628	0.9961	0.9957	0.8718	0.9964
18.0	0.9835	0.9983	0.9970	0.9593	0.9966	0.9968	0.8502	0.9971
18.1	0.9790	0.9976	0.9958	0.9003	0.9957	0.9954	0.7863	0.9962
18.2	0.9753	0.9987	0.9974	0.8984	0.9971	0.9971	0.7368	0.9975
18.3	0.9771	0.9990	0.9981	0.8641	0.9981	0.9978	0.6792	0.9984
18.4	0.9738	0.9989	0.9982	0.7859	0.9977	0.9977	0.5979	0.9981
18.5	0.9569	0.9987	0.9981	0.7303	0.9965	0.9976	0.5740	0.9968
18.6	0.9239	0.9985	0.9972	0.6245	0.9939	0.9967	0.4922	0.9938
18.7	0.9378	0.9989	0.9970	0.5196	0.9951	0.9963	0.4166	0.9957
18.8	0.9445	0.9991	0.9980	0.5077	0.9973	0.9971	0.2689	0.9977
18.9	0.9446	0.9993	0.9985	0.5980	0.9980	0.9977	0.2529	0.9983
19.0	0.9356	0.9994	0.9987	0.6274	0.9978	0.9979	0.3002	0.9982
19.1	0.9143	0.9991	0.9980	0.6686	0.9969	0.9968	0.1258	0.9974
19.2	0.9438	0.9993	0.9984	0.7490	0.9977	0.9971	0.0370	0.9979
19.3	0.9370	0.9991	0.9980	0.8295	0.9975	0.9973	0.0939	0.9976
19.4	0.9480	0.9994	0.9982	0.8627	0.9979	0.9975	0.0701	0.9980
19.5	0.9269	0.9995	0.9982	0.7939	0.9979	0.9973	0.0311	0.9981
19.6	0.9364	0.9996	0.9985	0.8637	0.9980	0.9980	0.0165	0.9983
19.7	0.8974	0.9994	0.9982	0.8689	0.9972	0.9978	0.0031	0.9975
19.8	0.7911	0.9994	0.9980	0.8170	0.9969	0.9976	0.0649	0.9972
19.9	0.7738	0.9995	0.9983	0.8153	0.9970	0.9982	0.0806	0.9973
20.0	0.6980	0.9995	0.9978	0.8466	0.9968	0.9982	0.0561	0.9971
20.1	0.5473	0.9996	0.9985	0.7758	0.9978	0.9984	0.0016	0.9979
20.2	0.5469	0.9996	0.9984	0.7471	0.9979	0.9983	0.0146	0.9980
20.3	0.4604	0.9996	0.9979	0.7210	0.9978	0.9980	0.0250	0.9980
20.4	0.5515	0.9997	0.9984	0.7849	0.9979	0.9985	0.0137	0.9982
20.5	0.6384	0.9997	0.9984	0.7659	0.9982	0.9986	0.0115	0.9982
20.6	0.4574	0.9996	0.9981	0.6859	0.9979	0.9983	0.1573	0.9978
20.7	0.4566	0.9997	0.9984	0.7236	0.9985	0.9985	0.2261	0.9985
20.8	0.5118	0.9997	0.9984	0.7788	0.9980	0.9985	0.2673	0.9979
20.9	0.5929	0.9997	0.9987	0.8084	0.9978	0.9988	0.3759	0.9978
21.0	0.6877	0.9998	0.9991	0.8096	0.9974	0.9992	0.4816	0.9974
21.1	0.7455	0.9998	0.9993	0.8080	0.9981	0.9994	0.4806	0.9980
21.2	0.7171	0.9997	0.9991	0.8011	0.9980	0.9991	0.5113	0.9980
21.3	0.6546	0.9998	0.9993	0.7645	0.9984	0.9993	0.5103	0.9984
21.4	0.6835	0.9997	0.9994	0.6625	0.9980	0.9994	0.3862	0.9982
21.5	0.6651	0.9997	0.9993	0.6481	0.9979	0.9993	0.3978	0.9983
21.6	0.7012	0.9998	0.9993	0.6767	0.9982	0.9994	0.4464	0.9984
21.7	0.6761	0.9997	0.9992	0.6848	0.9975	0.9993	0.4743	0.9976
21.8	0.5979	0.9997	0.9993	0.6947	0.9976	0.9993	0.5105	0.9976
21.9	0.6515	0.9997	0.9994	0.6013	0.9980	0.9994	0.3799	0.9981
22.0	0.6183	0.9998	0.9994	0.5863	0.9979	0.9994	0.4373	0.9978
22.1	0.3944	0.9998	0.9993	0.5775	0.9980	0.9994	0.4546	0.9981
22.2	0.3205	0.9998	0.9995	0.5804	0.9986	0.9995	0.4198	0.9989
22.3	0.2369	0.9998	0.9995	0.6716	0.9987	0.9995	0.5212	0.9989
22.4	0.2077	0.9998	0.9995	0.6128	0.9989	0.9994	0.3424	0.9990
22.5	0.1176	0.9999	0.9997	0.6440	0.9991	0.9997	0.3512	0.9994
22.6	0.0538	0.9997	0.9996	0.5908	0.9989	0.9996	0.3161	0.9993
22.7	0.0605	0.9998	0.9997	0.6732	0.9993	0.9997	0.3189	0.9995
22.8	0.1459	0.9997	0.9996	0.6531	0.9993	0.9995	0.3067	0.9994
22.9	0.3281	0.9997	0.9996	0.7161	0.9989	0.9994	0.4066	0.9991
23.0	0.4477	0.9998	0.9996	0.7567	0.9990	0.9994	0.5479	0.9992
23.1	0.6650	0.9998	0.9997	0.8457	0.9992	0.9996	0.6995	0.9994
23.2	0.7004	0.9998	0.9997	0.8468	0.9993	0.9996	0.7215	0.9992
23.3	0.8121	0.9998	0.9997	0.8788	0.9992	0.9995	0.7769	0.9992
23.4	0.8666	0.9999	0.9997	0.8957	0.9993	0.9996	0.7877	0.9994
23.5	0.8423	0.9998	0.9996	0.8478	0.9988	0.9995	0.7258	0.9992
23.6	0.7947	0.9998	0.9991	0.8090	0.9969	0.9990	0.6731	0.9980
23.7	0.8184	0.9998	0.9986	0.7643	0.9955	0.9983	0.5918	0.9968
23.8	0.8994	0.9997	0.9990	0.7827	0.9963	0.9988	0.6188	0.9975
23.9	0.8905	0.9998	0.9989	0.7837	0.9957	0.9986	0.6688	0.9974
24.0	0.8851	0.9998	0.9987	0.8019	0.9955	0.9986	0.6997	0.9971
24.1	0.8689	0.9998	0.9979	0.7756	0.9928	0.9981	0.6655	0.9956
24.2	0.9133	0.9998	0.9980	0.7637	0.9933	0.9981	0.7107	0.9957
24.3	0.9366	0.9999	0.9985	0.7559	0.9954	0.9984	0.6937	0.9968
24.4	0.9455	0.9999	0.9986	0.7540	0.9957	0.9986	0.6522	0.9967
24.5	0.9364	0.9999	0.9988	0.6878	0.9963	0.9989	0.6237	0.9973
24.6	0.9409	0.9998	0.9989	0.6919	0.9969	0.9990	0.5813	0.9977
24.7	0.9361	0.9998	0.9994	0.6064	0.9984	0.9993	0.4487	0.9986
24.8	0.9457	0.9999	0.9996	0.6054	0.9991	0.9995	0.5260	0.9992
24.9	0.9524	0.9999	0.9997	0.5321	0.9993	0.9996	0.5168	0.9993
25.0	0.9478	0.9998	0.9995	0.5064	0.9992	0.9996	0.4402	0.9992
25.1	0.9591	0.9998	0.9997	0.5520	0.9990	0.9996	0.4198	0.9991

25.2	0.9681	0.9999	0.9997	0.4682	0.9993	0.9997	0.4604	0.9994
25.3	0.9631	0.9998	0.9997	0.4381	0.9991	0.9996	0.4880	0.9993
25.4	0.9734	0.9998	0.9997	0.5833	0.9990	0.9996	0.4412	0.9992
25.5	0.9795	0.9997	0.9995	0.6099	0.9988	0.9995	0.3596	0.9991
25.6	0.9800	0.9999	0.9994	0.5589	0.9983	0.9994	0.3605	0.9986
25.7	0.9820	0.9998	0.9994	0.5049	0.9981	0.9994	0.3333	0.9984
25.8	0.9835	0.9998	0.9997	0.4966	0.9988	0.9996	0.4137	0.9992
25.9	0.9885	0.9999	0.9998	0.6482	0.9989	0.9997	0.5305	0.9994
26.0	0.9880	0.9998	0.9997	0.7337	0.9988	0.9997	0.5297	0.9993
26.1	0.9891	0.9998	0.9996	0.7871	0.9989	0.9996	0.5189	0.9990
26.2	0.9921	0.9997	0.9997	0.8679	0.9988	0.9996	0.5719	0.9990
26.3	0.9822	0.9996	0.9997	0.8810	0.9981	0.9996	0.6169	0.9985
26.4	0.9807	0.9996	0.9996	0.8737	0.9963	0.9996	0.6337	0.9982
26.5	0.9879	0.9997	0.9997	0.9119	0.9977	0.9997	0.6676	0.9988
26.6	0.9854	0.9998	0.9996	0.9160	0.9977	0.9996	0.5424	0.9985
26.7	0.9839	0.9998	0.9995	0.9597	0.9982	0.9995	0.6494	0.9984
26.8	0.9707	0.9997	0.9995	0.9481	0.9976	0.9995	0.6079	0.9983
26.9	0.9698	0.9997	0.9996	0.9508	0.9988	0.9996	0.4980	0.9990
27.0	0.9619	0.9998	0.9996	0.9593	0.9987	0.9997	0.4313	0.9991
27.1	0.9403	0.9997	0.9996	0.9669	0.9986	0.9997	0.4196	0.9990
27.2	0.9195	0.9997	0.9997	0.9705	0.9988	0.9997	0.4637	0.9992
27.3	0.9005	0.9997	0.9997	0.9718	0.9990	0.9997	0.5137	0.9993
27.4	0.9351	0.9998	0.9998	0.9826	0.9994	0.9998	0.5481	0.9993
27.5	0.9468	0.9998	0.9997	0.9854	0.9991	0.9997	0.5869	0.9993
27.6	0.9501	0.9998	0.9995	0.9842	0.9987	0.9996	0.6159	0.9991
27.7	0.9571	0.9997	0.9996	0.9809	0.9988	0.9996	0.6205	0.9993
27.8	0.9745	0.9998	0.9998	0.9840	0.9990	0.9998	0.7027	0.9994
27.9	0.9794	0.9998	0.9997	0.9849	0.9991	0.9998	0.7046	0.9992
28.0	0.9878	0.9997	0.9997	0.9815	0.9991	0.9996	0.6482	0.9989
28.1	0.9854	0.9997	0.9997	0.9836	0.9991	0.9997	0.6713	0.9988
28.2	0.9844	0.9997	0.9997	0.9808	0.9991	0.9997	0.6590	0.9990
28.3	0.9823	0.9997	0.9994	0.9601	0.9991	0.9995	0.5396	0.9987
28.4	0.9847	0.9998	0.9997	0.9716	0.9992	0.9996	0.5460	0.9994
28.5	0.9896	0.9998	0.9997	0.9759	0.9992	0.9996	0.5130	0.9993
28.6	0.9914	0.9998	0.9995	0.9713	0.9992	0.9995	0.4028	0.9991
28.7	0.9929	0.9998	0.9995	0.9747	0.9993	0.9995	0.3808	0.9992
28.8	0.9926	0.9998	0.9996	0.9764	0.9993	0.9996	0.4058	0.9993
28.9	0.9901	0.9998	0.9993	0.9762	0.9987	0.9993	0.3015	0.9987
29.0	0.9853	0.9998	0.9994	0.9753	0.9988	0.9994	0.2154	0.9990
29.1	0.9857	0.9998	0.9993	0.9789	0.9988	0.9993	0.0942	0.9986
29.2	0.9876	0.9999	0.9995	0.9904	0.9993	0.9995	0.1627	0.9992
29.3	0.9843	0.9999	0.9993	0.9855	0.9989	0.9993	0.2514	0.9989
29.4	0.9879	0.9998	0.9993	0.9878	0.9990	0.9994	0.2330	0.9990
29.5	0.9870	0.9998	0.9989	0.9804	0.9983	0.9990	0.1311	0.9980
29.6	0.9882	0.9998	0.9995	0.9847	0.9991	0.9995	0.2067	0.9991
29.7	0.9891	0.9998	0.9994	0.9851	0.9990	0.9994	0.2602	0.9990
29.8	0.9897	0.9999	0.9991	0.9858	0.9985	0.9991	0.1432	0.9985
29.9	0.9796	0.9998	0.9977	0.9548	0.9948	0.9977	0.0769	0.9950
30.0	0.9861	0.9998	0.9980	0.9636	0.9963	0.9982	0.0708	0.9961
30.1	0.9940	0.9999	0.9993	0.9863	0.9991	0.9993	0.1006	0.9988
30.2	0.9932	0.9999	0.9991	0.9848	0.9989	0.9992	0.1453	0.9985
30.3	0.9933	0.9998	0.9994	0.9846	0.9990	0.9993	0.2444	0.9991
30.4	0.9928	0.9998	0.9991	0.9746	0.9985	0.9990	0.1716	0.9986
30.5	0.9925	0.9998	0.9987	0.9744	0.9976	0.9988	0.1456	0.9974
30.6	0.9925	0.9998	0.9984	0.9739	0.9973	0.9987	0.1395	0.9969
30.7	0.9924	0.9998	0.9980	0.9688	0.9971	0.9983	0.1036	0.9966
30.8	0.9916	0.9999	0.9985	0.9569	0.9974	0.9984	0.2338	0.9969
30.9	0.9931	0.9999	0.9987	0.9640	0.9979	0.9986	0.2897	0.9972
31.0	0.9945	0.9998	0.9987	0.9612	0.9977	0.9986	0.2045	0.9973
31.1	0.9944	0.9998	0.9986	0.9443	0.9976	0.9985	0.0781	0.9969
31.2	0.9927	0.9997	0.9984	0.9052	0.9975	0.9983	0.0483	0.9966
31.3	0.9944	0.9998	0.9984	0.9071	0.9975	0.9984	0.0206	0.9968
31.4	0.9943	0.9998	0.9986	0.8576	0.9979	0.9986	0.0359	0.9967
31.5	0.9956	0.9998	0.9988	0.8217	0.9984	0.9989	0.0688	0.9972
31.6	0.9947	0.9997	0.9985	0.7498	0.9982	0.9990	0.1403	0.9962
31.7	0.9948	0.9997	0.9984	0.6765	0.9976	0.9987	0.1060	0.9958
31.8	0.9910	0.9997	0.9975	0.4533	0.9965	0.9981	0.0706	0.9925
31.9	0.9941	0.9998	0.9984	0.5522	0.9980	0.9988	0.1318	0.9956
32.0	0.9958	0.9997	0.9984	0.5208	0.9984	0.9990	0.1479	0.9959
32.1	0.9939	0.9997	0.9975	0.4352	0.9971	0.9982	0.0584	0.9934
32.2	0.9916	0.9997	0.9978	0.3268	0.9973	0.9982	0.0155	0.9946
32.3	0.9924	0.9995	0.9970	0.2111	0.9969	0.9979	0.0154	0.9922
32.4	0.9939	0.9996	0.9973	0.1211	0.9977	0.9988	0.0104	0.9944
32.5	0.9925	0.9996	0.9969	0.3171	0.9970	0.9988	0.0001	0.9945
32.6	0.9951	0.9995	0.9971	0.4146	0.9971	0.9985	0.0217	0.9939
32.7	0.9934	0.9995	0.9969	0.3434	0.9971	0.9983	0.0268	0.9935
32.8	0.9927	0.9995	0.9971	0.3331	0.9973	0.9986	0.0043	0.9941
32.9	0.9932	0.9995	0.9975	0.4021	0.9978	0.9985	0.0298	0.9926
33.0	0.9914	0.9995	0.9973	0.4017	0.9980	0.9981	0.0293	0.9922
33.1	0.9893	0.9995	0.9967	0.3387	0.9977	0.9981	0.0644	0.9928
33.2	0.9847	0.9994	0.9958	0.3177	0.9969	0.9976	0.0492	0.9926
33.3	0.9807	0.9995	0.9958	0.4719	0.9976	0.9976	0.0117	0.9932
33.4	0.9840	0.9996	0.9969	0.7086	0.9976	0.9983	0.1455	0.9955
33.5	0.9827	0.9996	0.9974	0.7858	0.9979	0.9987	0.2202	0.9965
33.6	0.9583	0.9995	0.9956	0.7405	0.9960	0.9981	0.2252	0.9943
33.7	0.9571	0.9995	0.9951	0.7637	0.9944	0.9979	0.3420	0.9946

33.8	0.9562	0.9996	0.9961	0.8407	0.9952	0.9979	0.3886	0.9948
33.9	0.9466	0.9995	0.9949	0.7588	0.9936	0.9980	0.2756	0.9947
34.0	0.9705	0.9994	0.9951	0.7446	0.9928	0.9982	0.3336	0.9962
34.1	0.9801	0.9995	0.9963	0.7819	0.9939	0.9984	0.3736	0.9962
34.2	0.9858	0.9995	0.9964	0.7928	0.9937	0.9982	0.2605	0.9957
34.3	0.9881	0.9995	0.9965	0.8008	0.9940	0.9983	0.2117	0.9966
34.4	0.9904	0.9995	0.9965	0.8058	0.9931	0.9985	0.3402	0.9975
34.5	0.9913	0.9992	0.9966	0.7976	0.9929	0.9987	0.2819	0.9978
34.6	0.9938	0.9993	0.9968	0.8050	0.9930	0.9987	0.3267	0.9982
34.7	0.9946	0.9992	0.9970	0.7803	0.9929	0.9989	0.4073	0.9980
34.8	0.9952	0.9991	0.9966	0.7824	0.9922	0.9988	0.4233	0.9977
34.9	0.9976	0.9994	0.9980	0.8837	0.9955	0.9989	0.4280	0.9975
35.0	0.9976	0.9993	0.9985	0.8620	0.9969	0.9991	0.3752	0.9973
35.1	0.9975	0.9992	0.9982	0.8381	0.9963	0.9989	0.3759	0.9968
35.2	0.9974	0.9993	0.9986	0.8584	0.9972	0.9991	0.3317	0.9974
35.3	0.9963	0.9991	0.9982	0.8769	0.9972	0.9988	0.3315	0.9979
35.4	0.9958	0.9995	0.9986	0.9063	0.9983	0.9988	0.2405	0.9974
35.5	0.9953	0.9994	0.9985	0.9164	0.9987	0.9985	0.1140	0.9972
35.6	0.9941	0.9995	0.9986	0.9415	0.9990	0.9985	0.1041	0.9973
35.7	0.9944	0.9995	0.9985	0.9457	0.9991	0.9985	0.0806	0.9968
35.8	0.9966	0.9995	0.9986	0.9689	0.9990	0.9985	0.0106	0.9973
35.9	0.9956	0.9996	0.9990	0.9740	0.9991	0.9989	0.0195	0.9973
36.0	0.9959	0.9995	0.9986	0.9835	0.9988	0.9985	0.0529	0.9967
36.1	0.9959	0.9995	0.9984	0.9850	0.9986	0.9983	0.1352	0.9968
36.2	0.9961	0.9996	0.9988	0.9870	0.9990	0.9987	0.1644	0.9973
36.3	0.9952	0.9996	0.9989	0.9863	0.9989	0.9988	0.1816	0.9976
36.4	0.9959	0.9996	0.9989	0.9877	0.9989	0.9989	0.3305	0.9977
36.5	0.9954	0.9995	0.9981	0.9881	0.9981	0.9981	0.2906	0.9967
36.6	0.9961	0.9995	0.9983	0.9876	0.9984	0.9983	0.2826	0.9972
36.7	0.9971	0.9995	0.9983	0.9905	0.9987	0.9984	0.4085	0.9975
36.8	0.9957	0.9995	0.9978	0.9892	0.9987	0.9979	0.4893	0.9971
36.9	0.9983	0.9997	0.9989	0.9931	0.9990	0.9989	0.6948	0.9982
37.0	0.9979	0.9996	0.9985	0.9925	0.9991	0.9984	0.7042	0.9978
37.1	0.9973	0.9997	0.9976	0.9924	0.9987	0.9975	0.7414	0.9974
37.2	0.9973	0.9996	0.9976	0.9913	0.9984	0.9976	0.8268	0.9975
37.3	0.9966	0.9995	0.9975	0.9925	0.9982	0.9974	0.8330	0.9967
37.4	0.9974	0.9995	0.9976	0.9946	0.9984	0.9976	0.8530	0.9973
37.5	0.9976	0.9995	0.9978	0.9922	0.9984	0.9977	0.8916	0.9980
37.6	0.9968	0.9996	0.9977	0.9910	0.9981	0.9977	0.9046	0.9980
37.7	0.9942	0.9993	0.9966	0.9891	0.9968	0.9965	0.8985	0.9975
37.8	0.9954	0.9995	0.9976	0.9923	0.9973	0.9975	0.9125	0.9977
37.9	0.9921	0.9992	0.9959	0.9875	0.9962	0.9957	0.8988	0.9968
38.0	0.9938	0.9994	0.9967	0.9899	0.9966	0.9963	0.8919	0.9965
38.1	0.9948	0.9996	0.9980	0.9919	0.9979	0.9977	0.9061	0.9977
38.2	0.9954	0.9997	0.9980	0.9935	0.9979	0.9978	0.9067	0.9976
38.3	0.9975	0.9997	0.9981	0.9959	0.9988	0.9981	0.9289	0.9977
38.4	0.9972	0.9996	0.9978	0.9940	0.9983	0.9977	0.9132	0.9973
38.5	0.9974	0.9996	0.9974	0.9934	0.9974	0.9972	0.9022	0.9974
38.6	0.9981	0.9997	0.9982	0.9959	0.9982	0.9981	0.9179	0.9979
38.7	0.9974	0.9995	0.9972	0.9937	0.9973	0.9972	0.8865	0.9970
38.8	0.9973	0.9995	0.9970	0.9938	0.9971	0.9971	0.8669	0.9968
38.9	0.9977	0.9996	0.9975	0.9936	0.9969	0.9976	0.8580	0.9964
39.0	0.9975	0.9997	0.9978	0.9962	0.9978	0.9978	0.8703	0.9974
39.1	0.9970	0.9998	0.9985	0.9961	0.9983	0.9985	0.8713	0.9978
39.2	0.9978	0.9997	0.9983	0.9950	0.9981	0.9983	0.8647	0.9982
39.3	0.9970	0.9997	0.9979	0.9947	0.9983	0.9979	0.8558	0.9980
39.4	0.9970	0.9996	0.9975	0.9940	0.9976	0.9976	0.8426	0.9983
39.5	0.9967	0.9997	0.9975	0.9927	0.9981	0.9977	0.8360	0.9976
39.6	0.9959	0.9997	0.9978	0.9937	0.9977	0.9979	0.8249	0.9972
39.7	0.9943	0.9996	0.9977	0.9900	0.9980	0.9977	0.7832	0.9958
39.8	0.9955	0.9997	0.9984	0.9893	0.9979	0.9983	0.7955	0.9975
39.9	0.9968	0.9997	0.9982	0.9887	0.9974	0.9982	0.7774	0.9984
40.0	0.9963	0.9997	0.9980	0.9863	0.9965	0.9979	0.7355	0.9973
40.1	0.9970	0.9997	0.9984	0.9853	0.9966	0.9983	0.7245	0.9976
40.2	0.9966	0.9997	0.9982	0.9817	0.9969	0.9982	0.6973	0.9974
40.3	0.9942	0.9996	0.9981	0.9645	0.9960	0.9979	0.5777	0.9960
40.4	0.9944	0.9996	0.9982	0.9674	0.9962	0.9980	0.5887	0.9962
40.5	0.9941	0.9996	0.9983	0.9333	0.9962	0.9979	0.5402	0.9964
40.6	0.9954	0.9996	0.9985	0.8997	0.9956	0.9981	0.5536	0.9966
40.7	0.9965	0.9997	0.9991	0.8956	0.9953	0.9987	0.4925	0.9966
40.8	0.9954	0.9997	0.9988	0.8130	0.9946	0.9983	0.3758	0.9967
40.9	0.9949	0.9997	0.9985	0.7695	0.9951	0.9982	0.4012	0.9967
41.0	0.9941	0.9996	0.9980	0.4430	0.9912	0.9978	0.3050	0.9959
41.1	0.9942	0.9996	0.9988	0.1371	0.9920	0.9984	0.2986	0.9966
41.2	0.9928	0.9996	0.9991	0.2205	0.9886	0.9986	0.0885	0.9947
41.3	0.9945	0.9997	0.9990	0.6059	0.9891	0.9989	0.0057	0.9929
41.4	0.9953	0.9997	0.9992	0.6073	0.9890	0.9991	0.0610	0.9931
41.5	0.9947	0.9997	0.9992	0.5573	0.9865	0.9988	0.0911	0.9955
41.6	0.9955	0.9996	0.9990	0.3557	0.9851	0.9984	0.0398	0.9953
41.7	0.9932	0.9996	0.9990	0.3411	0.9769	0.9986	0.0392	0.9915
41.8	0.9922	0.9997	0.9991	0.6741	0.9825	0.9991	0.1224	0.9853
41.9	0.9916	0.9997	0.9992	0.7466	0.9767	0.9988	0.2953	0.9882
42.0	0.9904	0.9997	0.9992	0.8305	0.9833	0.9989	0.3117	0.9901
42.1	0.9918	0.9997	0.9992	0.8801	0.9809	0.9990	0.2244	0.9870
42.2	0.9891	0.9996	0.9991	0.8710	0.9699	0.9990	0.2965	0.9914
42.3	0.9870	0.9996	0.9990	0.8675	0.9784	0.9987	0.3508	0.9919

42.4	0.9915	0.9997	0.9993	0.9192	0.9901	0.9990	0.4792	0.9936
42.5	0.9918	0.9996	0.9992	0.9342	0.9864	0.9988	0.5423	0.9942
42.6	0.9886	0.9997	0.9993	0.9414	0.9882	0.9989	0.6458	0.9943
42.7	0.9838	0.9997	0.9991	0.9416	0.9854	0.9989	0.6148	0.9888
42.8	0.9896	0.9997	0.9991	0.9291	0.9801	0.9986	0.5544	0.9857
42.9	0.9909	0.9997	0.9990	0.9343	0.9868	0.9986	0.6254	0.9871
43.0	0.9879	0.9997	0.9987	0.9420	0.9897	0.9982	0.6543	0.9896
43.1	0.9868	0.9998	0.9991	0.9296	0.9802	0.9987	0.6725	0.9784
43.2	0.9916	0.9997	0.9989	0.8947	0.9603	0.9987	0.6287	0.9717
43.3	0.9931	0.9996	0.9989	0.9060	0.9785	0.9984	0.6619	0.9706
43.4	0.9934	0.9996	0.9992	0.9188	0.9822	0.9989	0.7127	0.9847
43.5	0.9941	0.9996	0.9990	0.9301	0.9806	0.9986	0.6894	0.9900
43.6	0.9939	0.9996	0.9990	0.9426	0.9881	0.9980	0.7757	0.9913
43.7	0.9958	0.9995	0.9988	0.9449	0.9899	0.9979	0.8046	0.9921
43.8	0.9947	0.9996	0.9987	0.9411	0.9905	0.9986	0.7643	0.9881
43.9	0.9946	0.9997	0.9990	0.9385	0.9945	0.9989	0.7505	0.9872
44.0	0.9922	0.9997	0.9987	0.9141	0.9927	0.9979	0.6917	0.9734
44.1	0.9955	0.9997	0.9987	0.9272	0.9917	0.9981	0.7628	0.9787
44.2	0.9945	0.9997	0.9990	0.9493	0.9929	0.9977	0.8458	0.9822
44.3	0.9942	0.9996	0.9989	0.9602	0.9920	0.9968	0.8662	0.9726
44.4	0.9934	0.9997	0.9989	0.9617	0.9941	0.9981	0.8522	0.9824
44.5	0.9928	0.9997	0.9988	0.9656	0.9934	0.9985	0.8704	0.9821
44.6	0.9919	0.9997	0.9983	0.9427	0.9945	0.9987	0.8500	0.9851
44.7	0.9925	0.9996	0.9987	0.9422	0.9946	0.9988	0.7769	0.9888
44.8	0.9927	0.9996	0.9988	0.9498	0.9865	0.9989	0.8233	0.9574
44.9	0.9866	0.9997	0.9988	0.9422	0.9796	0.9984	0.8056	0.9600
45.0	0.9880	0.9996	0.9981	0.9273	0.9861	0.9972	0.7244	0.9712
45.1	0.9897	0.9994	0.9984	0.9133	0.9903	0.9973	0.7106	0.9768
45.2	0.9928	0.9995	0.9987	0.9250	0.9893	0.9977	0.7866	0.9712
45.3	0.9953	0.9996	0.9989	0.9506	0.9901	0.9979	0.8421	0.9589
45.4	0.9892	0.9996	0.9986	0.9342	0.9808	0.9957	0.8453	0.9441
45.5	0.9868	0.9996	0.9975	0.9402	0.9726	0.9972	0.8780	0.9639
45.6	0.9890	0.9996	0.9984	0.9624	0.9758	0.9976	0.8729	0.9691
45.7	0.9873	0.9996	0.9988	0.9671	0.9867	0.9971	0.8787	0.9750
45.8	0.9872	0.9995	0.9975	0.9718	0.9878	0.9972	0.8996	0.9716
45.9	0.9867	0.9994	0.9975	0.9798	0.9886	0.9977	0.9294	0.9840
46.0	0.9857	0.9995	0.9984	0.9608	0.9873	0.9967	0.9295	0.9759
46.1	0.9867	0.9997	0.9980	0.9459	0.9919	0.9945	0.9312	0.9758
46.2	0.9861	0.9996	0.9973	0.8949	0.9899	0.9919	0.8726	0.9612
46.3	0.9918	0.9996	0.9980	0.9491	0.9808	0.9917	0.9038	0.9547
46.4	0.9873	0.9995	0.9985	0.9654	0.9708	0.9927	0.9328	0.9634
46.5	0.9884	0.9995	0.9990	0.9713	0.9814	0.9972	0.9200	0.9834
46.6	0.9897	0.9994	0.9988	0.9701	0.9914	0.9987	0.8915	0.9951
46.7	0.9917	0.9995	0.9986	0.9457	0.9819	0.9980	0.8259	0.9903
46.8	0.9891	0.9994	0.9991	0.9405	0.9781	0.9967	0.8529	0.9799
46.9	0.9812	0.9993	0.9981	0.9396	0.9793	0.9912	0.8895	0.9663
47.0	0.9865	0.9994	0.9974	0.9088	0.9790	0.9940	0.8730	0.9772
47.1	0.9827	0.9995	0.9985	0.9185	0.9838	0.9977	0.8655	0.9936
47.2	0.9817	0.9995	0.9988	0.9603	0.9870	0.9983	0.9015	0.9958
47.3	0.9756	0.9993	0.9982	0.9517	0.9857	0.9979	0.8983	0.9940
47.4	0.9814	0.9994	0.9984	0.9615	0.9874	0.9979	0.9119	0.9936
47.5	0.9727	0.9994	0.9978	0.9615	0.9808	0.9971	0.8922	0.9882
47.6	0.9727	0.9997	0.9971	0.9398	0.9515	0.9968	0.8769	0.9831
47.7	0.9729	0.9996	0.9977	0.9239	0.9361	0.9969	0.8716	0.9826
47.8	0.9806	0.9995	0.9976	0.8479	0.9780	0.9964	0.8021	0.9780
47.9	0.9723	0.9996	0.9970	0.8834	0.9818	0.9949	0.8497	0.9669
48.0	0.9804	0.9995	0.9973	0.8964	0.9881	0.9967	0.8633	0.9807
48.1	0.9609	0.9995	0.9973	0.8176	0.9837	0.9940	0.7438	0.9774
48.2	0.9635	0.9994	0.9982	0.9245	0.9879	0.9951	0.8585	0.9839
48.3	0.9662	0.9995	0.9981	0.9516	0.9846	0.9977	0.8825	0.9920
48.4	0.9534	0.9993	0.9980	0.9382	0.9840	0.9975	0.8612	0.9913
48.5	0.9529	0.9994	0.9981	0.9430	0.9838	0.9973	0.8258	0.9925
48.6	0.9495	0.9993	0.9974	0.9446	0.9864	0.9971	0.8331	0.9946
48.7	0.9376	0.9993	0.9947	0.9106	0.9806	0.9974	0.8198	0.9923
48.8	0.9265	0.9994	0.9951	0.8439	0.9800	0.9975	0.7550	0.9909
48.9	0.9197	0.9995	0.9972	0.8859	0.9876	0.9976	0.7442	0.9944
49.0	0.9188	0.9993	0.9960	0.8727	0.9870	0.9972	0.7374	0.9925
49.1	0.8629	0.9991	0.9959	0.8712	0.9829	0.9968	0.7471	0.9833
49.2	0.7745	0.9991	0.9954	0.9079	0.9780	0.9959	0.8162	0.9805
49.3	0.7749	0.9992	0.9968	0.9365	0.9703	0.9969	0.8701	0.9865
49.4	0.6817	0.9993	0.9956	0.9198	0.9656	0.9966	0.8349	0.9849
49.5	0.3943	0.9989	0.9924	0.8587	0.9766	0.9958	0.7411	0.9880
49.6	0.3961	0.9988	0.9927	0.8485	0.9771	0.9959	0.7461	0.9892
49.7	0.4072	0.9984	0.9921	0.8636	0.9772	0.9946	0.7929	0.9894
49.8	0.4372	0.9987	0.9916	0.8489	0.9773	0.9956	0.7865	0.9926
49.9	0.5770	0.9987	0.9897	0.7752	0.9777	0.9947	0.7220	0.9888
50.0	0.6303	0.9991	0.9919	0.8138	0.9851	0.9947	0.7481	0.9919
50.1	0.7354	0.9989	0.9920	0.8175	0.9812	0.9948	0.7468	0.9937
50.2	0.7840	0.9986	0.9922	0.8193	0.9855	0.9962	0.7607	0.9945
50.3	0.6965	0.9979	0.9861	0.6938	0.9728	0.9927	0.6171	0.9912
50.4	0.5867	0.9980	0.9809	0.6817	0.9724	0.9910	0.5883	0.9870
50.5	0.6362	0.9984	0.9878	0.8005	0.9862	0.9938	0.7161	0.9886
50.6	0.7796	0.9984	0.9872	0.7890	0.9849	0.9946	0.7232	0.9889
50.7	0.8655	0.9982	0.9861	0.8255	0.9862	0.9949	0.7879	0.9925
50.8	0.8691	0.9985	0.9875	0.8109	0.9782	0.9947	0.7942	0.9916
50.9	0.7847	0.9977	0.9756	0.6445	0.9737	0.9929	0.6571	0.9912

51.0	0.8392	0.9980	0.9788	0.7216	0.9808	0.9930	0.7037	0.9915
51.1	0.8792	0.9985	0.9798	0.7617	0.9791	0.9944	0.7389	0.9913
51.2	0.8594	0.9985	0.9688	0.6998	0.9763	0.9934	0.7143	0.9902
51.3	0.8377	0.9977	0.9623	0.5887	0.9767	0.9889	0.6197	0.9874
51.4	0.8608	0.9980	0.9681	0.6469	0.9874	0.9894	0.6053	0.9862
51.5	0.8486	0.9983	0.9652	0.7018	0.9874	0.9884	0.6940	0.9873
51.6	0.7904	0.9975	0.9514	0.6990	0.9774	0.9844	0.7297	0.9826
51.7	0.7974	0.9979	0.9603	0.7493	0.9786	0.9860	0.7439	0.9874
51.8	0.8709	0.9987	0.9647	0.7412	0.9845	0.9890	0.7380	0.9892
51.9	0.8598	0.9985	0.9431	0.6756	0.9807	0.9829	0.6986	0.9802
52.0	0.8660	0.9984	0.9265	0.6444	0.9733	0.9788	0.6730	0.9711
52.1	0.9067	0.9987	0.9478	0.7028	0.9753	0.9830	0.7176	0.9813
52.2	0.9423	0.9986	0.9556	0.7622	0.9800	0.9857	0.7414	0.9893
52.3	0.9228	0.9988	0.9248	0.7198	0.9807	0.9856	0.7186	0.9807
52.4	0.9325	0.9987	0.9377	0.7113	0.9755	0.9803	0.6927	0.9711
52.5	0.9423	0.9982	0.9422	0.6962	0.9772	0.9818	0.6805	0.9760
52.6	0.9412	0.9988	0.9461	0.6675	0.9816	0.9815	0.6755	0.9834
52.7	0.9537	0.9989	0.9519	0.6614	0.9769	0.9800	0.6819	0.9775
52.8	0.9415	0.9988	0.9391	0.7051	0.9697	0.9745	0.7330	0.9670
52.9	0.9518	0.9988	0.9394	0.8001	0.9704	0.9862	0.7986	0.9755
53.0	0.9615	0.9990	0.9528	0.8663	0.9790	0.9896	0.8584	0.9821
53.1	0.9635	0.9991	0.9608	0.8856	0.9827	0.9897	0.8810	0.9880
53.2	0.9642	0.9988	0.9504	0.8526	0.9839	0.9869	0.8504	0.9883
53.3	0.9569	0.9988	0.9279	0.7980	0.9783	0.9807	0.7849	0.9833
53.4	0.9678	0.9989	0.9432	0.7953	0.9777	0.9833	0.7973	0.9824
53.5	0.9664	0.9989	0.9504	0.7520	0.9845	0.9845	0.7811	0.9824
53.6	0.9664	0.9989	0.9466	0.6583	0.9819	0.9825	0.6903	0.9723
53.7	0.9746	0.9988	0.9622	0.6807	0.9800	0.9839	0.7108	0.9774
53.8	0.9756	0.9986	0.9648	0.7601	0.9796	0.9853	0.7907	0.9836
53.9	0.9814	0.9991	0.9684	0.7756	0.9795	0.9862	0.7897	0.9825
54.0	0.9847	0.9994	0.9738	0.7372	0.9817	0.9868	0.7512	0.9853
54.1	0.9723	0.9990	0.9735	0.6601	0.9797	0.9818	0.6718	0.9768
54.2	0.9510	0.9988	0.9685	0.5893	0.9745	0.9719	0.5677	0.9595
54.3	0.9627	0.9992	0.9739	0.7501	0.9749	0.9722	0.7345	0.9722
54.4	0.9644	0.9991	0.9725	0.7117	0.9744	0.9769	0.6995	0.9717
54.5	0.9638	0.9991	0.9695	0.7673	0.9764	0.9807	0.7633	0.9730
54.6	0.9623	0.9991	0.9681	0.8148	0.9781	0.9809	0.8094	0.9792
54.7	0.9645	0.9988	0.9724	0.8355	0.9779	0.9826	0.8099	0.9794
54.8	0.9677	0.9989	0.9734	0.8309	0.9777	0.9813	0.8349	0.9692
54.9	0.9761	0.9991	0.9770	0.8885	0.9752	0.9835	0.8772	0.9743
55.0	0.9681	0.9990	0.9738	0.8919	0.9699	0.9848	0.8813	0.9767
55.1	0.9700	0.9990	0.9713	0.8902	0.9584	0.9815	0.8898	0.9769
55.2	0.9779	0.9990	0.9686	0.9210	0.9643	0.9871	0.8997	0.9792
55.3	0.9736	0.9987	0.9620	0.8950	0.9541	0.9874	0.8725	0.9797
55.4	0.9778	0.9988	0.9702	0.8795	0.9639	0.9903	0.8758	0.9768
55.5	0.9664	0.9987	0.9738	0.8448	0.9602	0.9851	0.8436	0.9658
55.6	0.9749	0.9990	0.9761	0.8936	0.9684	0.9865	0.8543	0.9695
55.7	0.9783	0.9984	0.9723	0.9136	0.9630	0.9914	0.8805	0.9747
55.8	0.9746	0.9987	0.9760	0.9272	0.9637	0.9906	0.9158	0.9846
55.9	0.9843	0.9992	0.9792	0.9528	0.9767	0.9938	0.9245	0.9901
56.0	0.9839	0.9991	0.9810	0.9389	0.9701	0.9932	0.9073	0.9823
56.1	0.9797	0.9989	0.9809	0.8989	0.9568	0.9883	0.8744	0.9611
56.2	0.9865	0.9993	0.9798	0.9273	0.9635	0.9926	0.9091	0.9798
56.3	0.9871	0.9992	0.9821	0.9578	0.9692	0.9935	0.9412	0.9890
56.4	0.9869	0.9991	0.9846	0.9662	0.9744	0.9951	0.9520	0.9908
56.5	0.9878	0.9988	0.9815	0.9578	0.9669	0.9944	0.9383	0.9849
56.6	0.9873	0.9987	0.9840	0.9678	0.9614	0.9946	0.9429	0.9889
56.7	0.9871	0.9989	0.9809	0.9646	0.9634	0.9950	0.9457	0.9900
56.8	0.9897	0.9990	0.9770	0.9633	0.9706	0.9956	0.9461	0.9893
56.9	0.9887	0.9987	0.9753	0.9645	0.9674	0.9960	0.9465	0.9915
57.0	0.9881	0.9989	0.9832	0.9696	0.9730	0.9959	0.9476	0.9911
57.1	0.9868	0.9987	0.9780	0.9309	0.9470	0.9942	0.8974	0.9758
57.2	0.9827	0.9982	0.9593	0.8510	0.8999	0.9873	0.8404	0.9533
57.3	0.9845	0.9982	0.9670	0.9207	0.9277	0.9913	0.9093	0.9796
57.4	0.9828	0.9984	0.9722	0.9347	0.9447	0.9947	0.9045	0.9847
57.5	0.9826	0.9978	0.9773	0.9529	0.9565	0.9959	0.9211	0.9874
57.6	0.9921	0.9986	0.9810	0.9719	0.9686	0.9976	0.9430	0.9909
57.7	0.9900	0.9988	0.9828	0.9621	0.9526	0.9968	0.9402	0.9915
57.8	0.9913	0.9988	0.9838	0.9576	0.9532	0.9968	0.9334	0.9920
57.9	0.9851	0.9983	0.9782	0.9477	0.9440	0.9956	0.9165	0.9894
58.0	0.9876	0.9979	0.9764	0.9526	0.9458	0.9967	0.9198	0.9889
58.1	0.9907	0.9984	0.9811	0.9608	0.9535	0.9968	0.9346	0.9910
58.2	0.9877	0.9985	0.9791	0.9638	0.9588	0.9969	0.9378	0.9920
58.3	0.9827	0.9981	0.9751	0.9659	0.9472	0.9974	0.9406	0.9931
58.4	0.9810	0.9978	0.9754	0.9706	0.9431	0.9975	0.9468	0.9928
58.5	0.9851	0.9977	0.9825	0.9718	0.9592	0.9974	0.9541	0.9921
58.6	0.9841	0.9977	0.9846	0.9640	0.9522	0.9969	0.9448	0.9905
58.7	0.9886	0.9979	0.9835	0.9670	0.9358	0.9972	0.9496	0.9924
58.8	0.9903	0.9981	0.9867	0.9786	0.9436	0.9982	0.9654	0.9955
58.9	0.9885	0.9982	0.9887	0.9802	0.9480	0.9977	0.9614	0.9942
59.0	0.9047	0.9970	0.9725	0.9521	0.9090	0.9950	0.9346	0.9886
59.1	0.9041	0.9965	0.9635	0.9581	0.8964	0.9960	0.9436	0.9908
59.2	0.9771	0.9950	0.9749	0.9762	0.9142	0.9964	0.9636	0.9904
59.3	0.9813	0.9937	0.9716	0.9749	0.8824	0.9964	0.9564	0.9862
59.4	0.9820	0.9917	0.9682	0.9721	0.8275	0.9949	0.9488	0.9811
59.5	0.9839	0.9911	0.9684	0.9685	0.7981	0.9954	0.9526	0.9834

59.6	0.9746	0.9819	0.9496	0.9611	0.6316	0.9941	0.9455	0.9810
59.7	0.9764	0.9858	0.9541	0.9671	0.4630	0.9960	0.9456	0.9799
59.8	0.9723	0.9849	0.9641	0.9647	0.2291	0.9937	0.9372	0.9702
59.9	0.9527	0.9875	0.9487	0.9600	0.2143	0.9941	0.9351	0.9673
60.0	0.9045	0.9877	0.8916	0.9308	0.2412	0.9932	0.9030	0.9576
60.1	0.9406	0.9897	0.9376	0.9321	0.4232	0.9920	0.8907	0.9653
60.2	0.9685	0.9922	0.9676	0.9449	0.4801	0.9943	0.8922	0.9795
60.3	0.9675	0.9935	0.9767	0.9609	0.4859	0.9954	0.9215	0.9827
60.4	0.9579	0.9928	0.9813	0.9634	0.5645	0.9958	0.9310	0.9806
60.5	0.9421	0.9932	0.9752	0.9536	0.5836	0.9959	0.9215	0.9777
60.6	0.9096	0.9940	0.9800	0.9526	0.6761	0.9962	0.9170	0.9817
60.7	0.8600	0.9952	0.9806	0.9252	0.7292	0.9940	0.8777	0.9830
60.8	0.8200	0.9956	0.9779	0.9246	0.7598	0.9946	0.8724	0.9829
60.9	0.8986	0.9942	0.9827	0.9398	0.6967	0.9945	0.8971	0.9843
61.0	0.9335	0.9930	0.9767	0.9396	0.6916	0.9948	0.8969	0.9821
61.1	0.9486	0.9935	0.9759	0.9458	0.6587	0.9938	0.8991	0.9835
61.2	0.9616	0.9927	0.9795	0.9558	0.7667	0.9939	0.9088	0.9807
61.3	0.9581	0.9944	0.9722	0.9494	0.7900	0.9951	0.9191	0.9814
61.4	0.9574	0.9928	0.9760	0.9535	0.8264	0.9943	0.9352	0.9846
61.5	0.9665	0.9944	0.9785	0.9717	0.8614	0.9957	0.9562	0.9880
61.6	0.9728	0.9957	0.9815	0.9648	0.8726	0.9955	0.9535	0.9896
61.7	0.9722	0.9947	0.9749	0.9601	0.8805	0.9951	0.9426	0.9876
61.8	0.9756	0.9944	0.9763	0.9777	0.8898	0.9968	0.9571	0.9915
61.9	0.9748	0.9945	0.9812	0.9774	0.8877	0.9965	0.9583	0.9915
62.0	0.9763	0.9926	0.9819	0.9748	0.8909	0.9955	0.9588	0.9894
62.1	0.9812	0.9943	0.9823	0.9767	0.9149	0.9959	0.9624	0.9916
62.2	0.9735	0.9937	0.9708	0.9744	0.9161	0.9949	0.9523	0.9906
62.3	0.9770	0.9928	0.9688	0.9675	0.8974	0.9933	0.9379	0.9885
62.4	0.9769	0.9924	0.9766	0.9722	0.9006	0.9953	0.9517	0.9914
62.5	0.9723	0.9915	0.9712	0.9693	0.8739	0.9950	0.9461	0.9902
62.6	0.9797	0.9913	0.9705	0.9786	0.8845	0.9958	0.9629	0.9909
62.7	0.9848	0.9956	0.9799	0.9836	0.8875	0.9966	0.9716	0.9927
62.8	0.9812	0.9930	0.9772	0.9737	0.8006	0.9942	0.9543	0.9907
62.9	0.9814	0.9922	0.9684	0.9731	0.8409	0.9946	0.9528	0.9917
63.0	0.9794	0.9899	0.9680	0.9718	0.8383	0.9935	0.9528	0.9913
63.1	0.9784	0.9900	0.9718	0.9730	0.8005	0.9937	0.9525	0.9889
63.2	0.9747	0.9927	0.9791	0.9735	0.8244	0.9924	0.9551	0.9889
63.3	0.9732	0.9898	0.9689	0.9654	0.8665	0.9892	0.9463	0.9856
63.4	0.9863	0.9902	0.9693	0.9793	0.9354	0.9927	0.9633	0.9872
63.5	0.9846	0.9862	0.9679	0.9662	0.8960	0.9902	0.9396	0.9829
63.6	0.9823	0.9846	0.9608	0.9586	0.9192	0.9860	0.9357	0.9843
63.7	0.9781	0.9879	0.9500	0.9507	0.9512	0.9870	0.9310	0.9788
63.8	0.9833	0.9879	0.9587	0.9542	0.9683	0.9884	0.9340	0.9815
63.9	0.9823	0.9889	0.9514	0.9594	0.9707	0.9877	0.9358	0.9823
64.0	0.9855	0.9890	0.9415	0.9665	0.9812	0.9880	0.9342	0.9850
64.1	0.9866	0.9908	0.9525	0.9644	0.9810	0.9865	0.9164	0.9831
64.2	0.9848	0.9861	0.9330	0.9564	0.9770	0.9853	0.9086	0.9767
64.3	0.9897	0.9868	0.9538	0.9316	0.9822	0.9846	0.8685	0.9789
64.4	0.9877	0.9882	0.9565	0.9306	0.9807	0.9846	0.8493	0.9762
64.5	0.9905	0.9880	0.9558	0.9248	0.9832	0.9854	0.8339	0.9760
64.6	0.9918	0.9893	0.9614	0.9239	0.9877	0.9823	0.8262	0.9737
64.7	0.9887	0.9850	0.9689	0.9145	0.9842	0.9782	0.7982	0.9654
64.8	0.9867	0.9857	0.9725	0.9328	0.9859	0.9780	0.8198	0.9671
64.9	0.9861	0.9839	0.9809	0.9240	0.9833	0.9827	0.8092	0.9712
65.0	0.9845	0.9783	0.9757	0.9136	0.9813	0.9838	0.7978	0.9680
65.1	0.9829	0.9760	0.9821	0.9390	0.9762	0.9836	0.8385	0.9676
65.2	0.9795	0.9793	0.9814	0.9340	0.9812	0.9845	0.8203	0.9743
65.3	0.9856	0.9852	0.9846	0.9446	0.9875	0.9856	0.8352	0.9774
65.4	0.9894	0.9909	0.9886	0.9539	0.9898	0.9866	0.8586	0.9808
65.5	0.9896	0.9864	0.9888	0.9573	0.9870	0.9899	0.8641	0.9778
65.6	0.9843	0.9783	0.9855	0.9524	0.9794	0.9864	0.8784	0.9677
65.7	0.9778	0.9758	0.9850	0.9560	0.9778	0.9855	0.8783	0.9662
65.8	0.9823	0.9841	0.9893	0.9651	0.9837	0.9893	0.8852	0.9771
65.9	0.9897	0.9883	0.9936	0.9767	0.9885	0.9926	0.9336	0.9858
66.0	0.9776	0.9814	0.9907	0.9697	0.9815	0.9899	0.9139	0.9803
66.1	0.9845	0.9829	0.9924	0.9787	0.9855	0.9937	0.9151	0.9809
66.2	0.9867	0.9823	0.9927	0.9759	0.9860	0.9934	0.8919	0.9801
66.3	0.9867	0.9777	0.9936	0.9740	0.9835	0.9928	0.8775	0.9771
66.4	0.9793	0.9746	0.9901	0.9677	0.9805	0.9885	0.8411	0.9759
66.5	0.9865	0.9837	0.9936	0.9723	0.9884	0.9890	0.8576	0.9851
66.6	0.9904	0.9879	0.9943	0.9762	0.9906	0.9923	0.8638	0.9886
66.7	0.9881	0.9863	0.9933	0.9712	0.9885	0.9917	0.8334	0.9832
66.8	0.9872	0.9867	0.9933	0.9718	0.9889	0.9901	0.8426	0.9837
66.9	0.9849	0.9852	0.9931	0.9680	0.9886	0.9877	0.7929	0.9832
67.0	0.9902	0.9835	0.9953	0.9701	0.9885	0.9882	0.7843	0.9811
67.1	0.9907	0.9873	0.9953	0.9687	0.9904	0.9917	0.7774	0.9858
67.2	0.9888	0.9874	0.9951	0.9671	0.9917	0.9876	0.7431	0.9888
67.3	0.9892	0.9863	0.9948	0.9475	0.9910	0.9856	0.6748	0.9840
67.4	0.9936	0.9906	0.9964	0.9535	0.9932	0.9860	0.6751	0.9885
67.5	0.9876	0.9841	0.9942	0.9479	0.9887	0.9812	0.6258	0.9845
67.6	0.9883	0.9811	0.9941	0.9125	0.9887	0.9733	0.4895	0.9839
67.7	0.9916	0.9821	0.9958	0.8691	0.9897	0.9648	0.3969	0.9836
67.8	0.9931	0.9874	0.9965	0.8982	0.9921	0.9712	0.5282	0.9876
67.9	0.9919	0.9891	0.9955	0.9014	0.9922	0.9598	0.5346	0.9857
68.0	0.9921	0.9835	0.9954	0.7974	0.9905	0.9546	0.4006	0.9831
68.1	0.9894	0.9811	0.9954	0.7806	0.9881	0.9493	0.4839	0.9819

68.2	0.9922	0.9876	0.9966	0.8217	0.9927	0.9516	0.5665	0.9854
68.3	0.9938	0.9887	0.9965	0.8271	0.9936	0.9515	0.7182	0.9867
68.4	0.9922	0.9835	0.9953	0.8223	0.9903	0.9298	0.7188	0.9792
68.5	0.9947	0.9843	0.9954	0.7947	0.9903	0.9179	0.6903	0.9791
68.6	0.9934	0.9853	0.9959	0.8316	0.9924	0.9290	0.7897	0.9838
68.7	0.9936	0.9852	0.9956	0.8801	0.9929	0.9322	0.8536	0.9839
68.8	0.9921	0.9839	0.9939	0.8967	0.9912	0.9402	0.8746	0.9827
68.9	0.9934	0.9845	0.9962	0.9043	0.9924	0.9405	0.8783	0.9840
69.0	0.9944	0.9851	0.9964	0.9132	0.9935	0.9457	0.8830	0.9849
69.1	0.9943	0.9897	0.9964	0.9317	0.9956	0.9667	0.9064	0.9904
69.2	0.9934	0.9868	0.9935	0.9275	0.9922	0.9458	0.9162	0.9826
69.3	0.9931	0.9825	0.9927	0.9162	0.9899	0.9375	0.8921	0.9770
69.4	0.9955	0.9861	0.9952	0.9463	0.9929	0.9609	0.9305	0.9842
69.5	0.9937	0.9845	0.9943	0.9493	0.9916	0.9578	0.9283	0.9826
69.6	0.9903	0.9739	0.9910	0.9215	0.9863	0.9245	0.8762	0.9696
69.7	0.9923	0.9736	0.9915	0.9244	0.9878	0.9344	0.8930	0.9728
69.8	0.9937	0.9793	0.9932	0.9429	0.9896	0.9508	0.9068	0.9801
69.9	0.9940	0.9825	0.9930	0.9565	0.9900	0.9544	0.9229	0.9793
70.0	0.9939	0.9780	0.9910	0.9584	0.9877	0.9429	0.9242	0.9726
70.1	0.9952	0.9815	0.9934	0.9710	0.9908	0.9614	0.9511	0.9802
70.2	0.9947	0.9845	0.9938	0.9711	0.9903	0.9642	0.9556	0.9822
70.3	0.9921	0.9731	0.9911	0.9630	0.9845	0.9528	0.9435	0.9728
70.4	0.9940	0.9709	0.9928	0.9668	0.9873	0.9569	0.9473	0.9769
70.5	0.9938	0.9710	0.9923	0.9606	0.9873	0.9553	0.9422	0.9750
70.6	0.9924	0.9728	0.9918	0.9622	0.9871	0.9567	0.9467	0.9754
70.7	0.9924	0.9769	0.9902	0.9666	0.9863	0.9595	0.9530	0.9752
70.8	0.9889	0.9761	0.9895	0.9703	0.9843	0.9566	0.9566	0.9735
70.9	0.9900	0.9751	0.9906	0.9739	0.9851	0.9584	0.9640	0.9754
71.0	0.9910	0.9747	0.9910	0.9761	0.9866	0.9629	0.9627	0.9772
71.1	0.9885	0.9681	0.9873	0.9693	0.9822	0.9549	0.9464	0.9711
71.2	0.9864	0.9717	0.9870	0.9603	0.9817	0.9576	0.9371	0.9727
71.3	0.9876	0.9779	0.9871	0.9650	0.9819	0.9641	0.9523	0.9746
71.4	0.9862	0.9753	0.9854	0.9601	0.9785	0.9587	0.9470	0.9704
71.5	0.9887	0.9797	0.9880	0.9700	0.9845	0.9689	0.9564	0.9779
71.6	0.9893	0.9824	0.9884	0.9727	0.9841	0.9763	0.9581	0.9809
71.7	0.9900	0.9775	0.9893	0.9803	0.9855	0.9705	0.9684	0.9799
71.8	0.9865	0.9702	0.9851	0.9700	0.9806	0.9650	0.9578	0.9728
71.9	0.9856	0.9747	0.9861	0.9658	0.9815	0.9723	0.9489	0.9755
72.0	0.9798	0.9639	0.9786	0.9515	0.9718	0.9660	0.9302	0.9660
72.1	0.9790	0.9540	0.9732	0.9466	0.9654	0.9601	0.9281	0.9587
72.2	0.9843	0.9717	0.9810	0.9643	0.9770	0.9719	0.9495	0.9727
72.3	0.9841	0.9758	0.9793	0.9632	0.9746	0.9712	0.9506	0.9711
72.4	0.9870	0.9781	0.9839	0.9696	0.9793	0.9749	0.9550	0.9768
72.5	0.9855	0.9700	0.9812	0.9645	0.9764	0.9697	0.9500	0.9726
72.6	0.9827	0.9622	0.9761	0.9586	0.9700	0.9593	0.9450	0.9653
72.7	0.9839	0.9704	0.9787	0.9664	0.9740	0.9664	0.9525	0.9714
72.8	0.9851	0.9703	0.9815	0.9677	0.9774	0.9728	0.9561	0.9758
72.9	0.9808	0.9581	0.9754	0.9577	0.9701	0.9673	0.9447	0.9689
73.0	0.9720	0.9451	0.9638	0.9339	0.9548	0.9531	0.9148	0.9535
73.1	0.9757	0.9493	0.9669	0.9396	0.9589	0.9569	0.9282	0.9577
73.2	0.9834	0.9727	0.9744	0.9533	0.9682	0.9698	0.9449	0.9682
73.3	0.9827	0.9710	0.9762	0.9576	0.9703	0.9718	0.9496	0.9708
73.4	0.9816	0.9639	0.9762	0.9584	0.9708	0.9714	0.9514	0.9707
73.5	0.9754	0.9572	0.9688	0.9395	0.9611	0.9625	0.9199	0.9609
73.6	0.9718	0.9436	0.9602	0.9279	0.9498	0.9514	0.9128	0.9496
73.7	0.9720	0.9386	0.9596	0.9264	0.9489	0.9543	0.9130	0.9502
73.8	0.9793	0.9573	0.9719	0.9499	0.9641	0.9674	0.9374	0.9659
73.9	0.9799	0.9593	0.9764	0.9613	0.9693	0.9689	0.9425	0.9712
74.0	0.9820	0.9599	0.9758	0.9579	0.9677	0.9659	0.9384	0.9692
74.1	0.9835	0.9581	0.9726	0.9482	0.9630	0.9655	0.9247	0.9658
74.2	0.9860	0.9563	0.9751	0.9470	0.9671	0.9694	0.9177	0.9698
74.3	0.9752	0.9437	0.9614	0.9113	0.9507	0.9576	0.8548	0.9562
74.4	0.9748	0.9550	0.9562	0.9122	0.9435	0.9452	0.8618	0.9484
74.5	0.9747	0.9461	0.9556	0.9050	0.9425	0.9499	0.8532	0.9485
74.6	0.9789	0.9424	0.9612	0.9077	0.9469	0.9522	0.8504	0.9540
74.7	0.9753	0.9475	0.9588	0.9119	0.9421	0.9470	0.8561	0.9493
74.8	0.9780	0.9554	0.9609	0.9157	0.9476	0.9545	0.8670	0.9533
74.9	0.9802	0.9620	0.9643	0.9151	0.9549	0.9631	0.8622	0.9596
75.0	0.9753	0.9534	0.9609	0.9131	0.9486	0.9500	0.8299	0.9543
75.1	0.9711	0.9530	0.9553	0.9021	0.9431	0.9444	0.7757	0.9482
75.2	0.9750	0.9583	0.9519	0.8866	0.9367	0.9375	0.7253	0.9420
75.3	0.9735	0.9569	0.9480	0.8796	0.9292	0.9305	0.7120	0.9360
75.4	0.9743	0.9617	0.9552	0.8737	0.9369	0.9399	0.6558	0.9439
75.5	0.9768	0.9611	0.9551	0.8694	0.9388	0.9438	0.6150	0.9460
75.6	0.9704	0.9582	0.9481	0.8551	0.9312	0.9403	0.5867	0.9401
75.7	0.9629	0.9619	0.9445	0.8469	0.9292	0.9357	0.5484	0.9386
75.8	0.9726	0.9680	0.9519	0.8519	0.9359	0.9406	0.5453	0.9434
75.9	0.9823	0.9703	0.9568	0.8745	0.9346	0.9349	0.5994	0.9426
76.0	0.9799	0.9612	0.9591	0.8825	0.9382	0.9305	0.5891	0.9450
76.1	0.9807	0.9669	0.9555	0.8584	0.9352	0.9334	0.5368	0.9432
76.2	0.9805	0.9690	0.9567	0.8551	0.9393	0.9417	0.5216	0.9473
76.3	0.9836	0.9732	0.9656	0.8789	0.9491	0.9455	0.5405	0.9559
76.4	0.9752	0.9649	0.9442	0.8241	0.9207	0.9221	0.4710	0.9324
76.5	0.9744	0.9609	0.9283	0.7865	0.9004	0.9129	0.5606	0.9152
76.6	0.9738	0.9583	0.9300	0.8160	0.9005	0.9099	0.6149	0.9143
76.7	0.9742	0.9607	0.9426	0.8425	0.9145	0.9129	0.5570	0.9269

76.8	0.9655	0.9560	0.9141	0.7965	0.8839	0.8901	0.5843	0.9007
76.9	0.9547	0.9600	0.9125	0.8060	0.8828	0.8942	0.6258	0.8994
77.0	0.9592	0.9606	0.9174	0.8273	0.8898	0.8961	0.6182	0.9071
77.1	0.9583	0.9539	0.9222	0.8233	0.8983	0.9093	0.5987	0.9154
77.2	0.9597	0.9587	0.9113	0.8350	0.8812	0.8795	0.6151	0.8989
77.3	0.9638	0.9654	0.9115	0.8478	0.8808	0.8815	0.7375	0.9004
77.4	0.9676	0.9618	0.9161	0.8597	0.8886	0.8977	0.7787	0.9073
77.5	0.9709	0.9674	0.9144	0.8308	0.8910	0.9101	0.7185	0.9117
77.6	0.9539	0.9538	0.8861	0.7957	0.8480	0.8677	0.7213	0.8785
77.7	0.9695	0.9614	0.9104	0.8550	0.8811	0.9048	0.8364	0.9079
77.8	0.9776	0.9692	0.9319	0.8940	0.9133	0.9302	0.8429	0.9327
77.9	0.9755	0.9668	0.9248	0.8678	0.9021	0.9168	0.7827	0.9240
78.0	0.9652	0.9503	0.8961	0.8641	0.8542	0.8545	0.7395	0.8902
78.1	0.9704	0.9688	0.9258	0.9052	0.9002	0.8933	0.8390	0.9228
78.2	0.9648	0.9638	0.9188	0.8975	0.8954	0.8915	0.8441	0.9169
78.3	0.9628	0.9590	0.8963	0.8575	0.8658	0.8626	0.7867	0.8974
78.4	0.9697	0.9594	0.9200	0.8759	0.8887	0.8791	0.7652	0.9183
78.5	0.9564	0.9596	0.9010	0.8674	0.8689	0.8587	0.7464	0.8982
78.6	0.9657	0.9644	0.9097	0.8658	0.8836	0.8780	0.7425	0.9085
78.7	0.9572	0.9701	0.9030	0.8597	0.8823	0.8819	0.7536	0.9035
78.8	0.9518	0.9673	0.9123	0.8867	0.8872	0.8772	0.7722	0.9073
78.9	0.9639	0.9669	0.9329	0.9147	0.9123	0.9010	0.7905	0.9301
79.0	0.9569	0.9636	0.8981	0.8578	0.8734	0.8705	0.7576	0.8946
79.1	0.9439	0.9532	0.8792	0.8309	0.8571	0.8568	0.7351	0.8778
79.2	0.9343	0.9450	0.8754	0.8206	0.8616	0.8685	0.7094	0.8787
79.3	0.9589	0.9624	0.9140	0.8757	0.9014	0.8973	0.7615	0.9157
79.4	0.9703	0.9619	0.9369	0.8938	0.9290	0.9260	0.8147	0.9416
79.5	0.9562	0.9583	0.9279	0.8765	0.9162	0.9100	0.7601	0.9321
79.6	0.9467	0.9454	0.9147	0.8645	0.8919	0.8684	0.7260	0.9160
79.7	0.9594	0.9561	0.9241	0.8772	0.8937	0.8714	0.7483	0.9186
79.8	0.9589	0.9552	0.9193	0.8711	0.8786	0.8569	0.7683	0.9073
79.9	0.9440	0.9399	0.9010	0.8314	0.8687	0.8523	0.7651	0.9016
80.0	0.9488	0.9564	0.9077	0.8835	0.8575	0.8054	0.8606	0.8929

2.2.63 Run 6 – VT000 – Accels 17–24

Vertical shaking at 0°. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0003	0.0005	0.0988	0.4493	0.4160	0.2520	0.4753	0.5187
0.1	0.0043	0.0034	0.0149	0.1086	0.0466	0.0929	0.0546	0.0785
0.2	0.0285	0.0441	0.0373	0.0137	0.0433	0.0008	0.0857	0.0185
0.3	0.0090	0.0045	0.0124	0.0195	0.0010	0.0000	0.0399	0.0042
0.4	0.0498	0.0116	0.0339	0.0111	0.0123	0.0042	0.0111	0.0374
0.5	0.0388	0.0031	0.0003	0.0159	0.0622	0.0046	0.0053	0.0261
0.6	0.0170	0.0151	0.0486	0.0163	0.0044	0.0310	0.0078	0.0132
0.7	0.0201	0.0040	0.1015	0.0089	0.0014	0.0370	0.0367	0.0027
0.8	0.0440	0.0804	0.1846	0.0107	0.0346	0.0148	0.0024	0.1212
0.9	0.0142	0.2808	0.2547	0.0285	0.0982	0.0022	0.0010	0.4518
1.0	0.0308	0.3199	0.2680	0.0609	0.0927	0.0042	0.0235	0.3494
1.1	0.0354	0.2520	0.4493	0.1116	0.0774	0.0014	0.0727	0.3799
1.2	0.0778	0.3756	0.6311	0.0793	0.1157	0.1731	0.1026	0.5309
1.3	0.1295	0.4785	0.6627	0.1813	0.1270	0.3278	0.1558	0.7057
1.4	0.2110	0.5146	0.6969	0.3798	0.1266	0.3067	0.1031	0.5994
1.5	0.4565	0.6085	0.7307	0.5450	0.3071	0.2680	0.1775	0.5008
1.6	0.1621	0.2805	0.7960	0.3035	0.1403	0.4428	0.2799	0.1754
1.7	0.0739	0.3639	0.8872	0.2179	0.2651	0.7340	0.7988	0.1547
1.8	0.4340	0.7074	0.8854	0.6168	0.1017	0.7356	0.8330	0.2369
1.9	0.6260	0.8145	0.8749	0.7077	0.0348	0.7582	0.8450	0.6790
2.0	0.7265	0.6399	0.6863	0.8089	0.1062	0.7782	0.8866	0.6044
2.1	0.5010	0.4371	0.1617	0.8416	0.3530	0.7989	0.8551	0.4243
2.2	0.3559	0.5054	0.6704	0.7943	0.5214	0.8488	0.8862	0.5146
2.3	0.4503	0.8430	0.8659	0.5168	0.5323	0.8194	0.5986	0.8562
2.4	0.4433	0.8678	0.4699	0.4635	0.1414	0.5894	0.4970	0.8690
2.5	0.5038	0.9349	0.8500	0.4943	0.2717	0.8279	0.5222	0.8964
2.6	0.5372	0.9199	0.9725	0.5985	0.3410	0.9083	0.5684	0.8974
2.7	0.4346	0.8915	0.9731	0.4572	0.3075	0.9097	0.5391	0.8841
2.8	0.4232	0.8383	0.9693	0.4556	0.2204	0.8806	0.4700	0.7950
2.9	0.3360	0.7736	0.9670	0.3994	0.0974	0.9171	0.4305	0.7528
3.0	0.2967	0.7714	0.9762	0.3376	0.1172	0.9334	0.4432	0.7398
3.1	0.3186	0.6922	0.9667	0.3833	0.2622	0.9151	0.3952	0.6394
3.2	0.4955	0.6167	0.9667	0.5029	0.4371	0.9014	0.5533	0.5642
3.3	0.4199	0.5535	0.9545	0.4346	0.1414	0.8941	0.3774	0.2844
3.4	0.2915	0.5994	0.9596	0.2944	0.1346	0.8895	0.2225	0.3998
3.5	0.2303	0.4603	0.9532	0.1877	0.0914	0.8946	0.2883	0.3199
3.6	0.0907	0.2951	0.8806	0.1149	0.0600	0.8306	0.0499	0.2387
3.7	0.1910	0.5401	0.9632	0.2668	0.2733	0.9138	0.2423	0.4453
3.8	0.5955	0.9013	0.9972	0.7254	0.6864	0.9899	0.7153	0.8323
3.9	0.8179	0.9612	0.9988	0.9144	0.8409	0.9968	0.9091	0.9515
4.0	0.8566	0.9744	0.9991	0.9333	0.9036	0.9970	0.9564	0.9635
4.1	0.7838	0.9703	0.9982	0.9006	0.8631	0.9957	0.9123	0.9490
4.2	0.6200	0.9500	0.9973	0.8751	0.7605	0.9952	0.8389	0.9330
4.3	0.5221	0.9301	0.9977	0.8351	0.7107	0.9955	0.8068	0.9224
4.4	0.2968	0.9301	0.9969	0.7131	0.5326	0.9946	0.6923	0.8667
4.5	0.2202	0.8918	0.9969	0.6489	0.4997	0.9920	0.5992	0.7714
4.6	0.1536	0.7633	0.9935	0.5105	0.3681	0.9874	0.4790	0.6461
4.7	0.1895	0.6414	0.9919	0.4125	0.4045	0.9888	0.4694	0.6470
4.8	0.1646	0.4239	0.9915	0.3028	0.2743	0.9885	0.3565	0.5269
4.9	0.1267	0.1070	0.9920	0.1929	0.2281	0.9860	0.2386	0.2355
5.0	0.0261	0.4324	0.9909	0.0795	0.2160	0.9844	0.3394	0.3932
5.1	0.2508	0.8170	0.9967	0.2683	0.4823	0.9937	0.3728	0.6182
5.2	0.4847	0.8122	0.9961	0.2086	0.4321	0.9920	0.2913	0.6069
5.3	0.5739	0.6483	0.9937	0.4128	0.2045	0.9925	0.3560	0.4135
5.4	0.4775	0.4285	0.9892	0.4671	0.0644	0.9846	0.4291	0.2180
5.5	0.3479	0.2518	0.9605	0.4952	0.0525	0.9608	0.5381	0.1519
5.6	0.1003	0.6103	0.9749	0.4283	0.2182	0.9751	0.5011	0.5080
5.7	0.0364	0.6785	0.9916	0.5782	0.3559	0.9914	0.6928	0.5834
5.8	0.1060	0.7672	0.9967	0.6033	0.5178	0.9960	0.7322	0.6487
5.9	0.6723	0.6881	0.9985	0.4419	0.5652	0.9978	0.5929	0.5506
6.0	0.9112	0.1178	0.9990	0.3206	0.4795	0.9985	0.5435	0.4669
6.1	0.9181	0.7729	0.9991	0.3429	0.7399	0.9984	0.7013	0.7452
6.2	0.9343	0.9342	0.9992	0.5331	0.8090	0.9977	0.6079	0.8521
6.3	0.9726	0.9851	0.9997	0.8537	0.9275	0.9987	0.7724	0.9438
6.4	0.9769	0.9911	0.9997	0.9053	0.9699	0.9987	0.8405	0.9790
6.5	0.9732	0.9893	0.9996	0.9306	0.9350	0.9986	0.8926	0.9697
6.6	0.9733	0.9896	0.9990	0.9444	0.9120	0.9987	0.9115	0.9524
6.7	0.9678	0.9903	0.9971	0.9428	0.9369	0.9984	0.9228	0.9510
6.8	0.9527	0.9864	0.9848	0.9361	0.9020	0.9983	0.9246	0.9269
6.9	0.9284	0.9735	0.9116	0.9191	0.8726	0.9981	0.9063	0.8813
7.0	0.9044	0.9438	0.8409	0.8935	0.8848	0.9968	0.8846	0.9017
7.1	0.8758	0.9094	0.8733	0.8677	0.8770	0.9962	0.8625	0.8475
7.2	0.8807	0.8715	0.9213	0.8739	0.7948	0.9970	0.8706	0.6827
7.3	0.9451	0.8955	0.9746	0.9439	0.8021	0.9885	0.9454	0.3671
7.4	0.9522	0.8965	0.9798	0.9570	0.7088	0.9912	0.9592	0.2055
7.5	0.9699	0.9084	0.9904	0.9746	0.6059	0.9971	0.9746	0.7354
7.6	0.9854	0.9189	0.9975	0.9852	0.5065	0.9984	0.9838	0.7879
7.7	0.9957	0.9526	0.9996	0.9938	0.4284	0.9977	0.9931	0.8601
7.8	0.9986	0.9365	0.9996	0.9966	0.1275	0.9969	0.9955	0.8885
7.9	0.9980	0.9213	0.9992	0.9958	0.1234	0.9963	0.9943	0.8970

8.0	0.9966	0.8710	0.9990	0.9945	0.3666	0.9962	0.9938	0.9037
8.1	0.9981	0.7954	0.9994	0.9961	0.4880	0.9974	0.9948	0.9211
8.2	0.9960	0.7177	0.9990	0.9931	0.5333	0.9950	0.9911	0.9199
8.3	0.9975	0.6880	0.9994	0.9950	0.6721	0.9973	0.9945	0.9422
8.4	0.9978	0.6570	0.9993	0.9959	0.6601	0.9966	0.9954	0.9427
8.5	0.9975	0.5283	0.9991	0.9965	0.7504	0.9954	0.9959	0.9455
8.6	0.9974	0.5936	0.9989	0.9970	0.8060	0.9951	0.9965	0.9464
8.7	0.9950	0.6789	0.9980	0.9949	0.7507	0.9916	0.9942	0.9386
8.8	0.9929	0.7969	0.9976	0.9929	0.7414	0.9908	0.9922	0.9186
8.9	0.9891	0.8436	0.9957	0.9902	0.8392	0.9854	0.9898	0.9334
9.0	0.9813	0.8391	0.9934	0.9837	0.8234	0.9788	0.9831	0.8613
9.1	0.9805	0.7825	0.9907	0.9829	0.8605	0.9758	0.9828	0.8803
9.2	0.9456	0.8571	0.9718	0.9516	0.7868	0.9392	0.9510	0.8390
9.3	0.9615	0.9136	0.9762	0.9635	0.8569	0.9605	0.9632	0.8518
9.4	0.9209	0.8953	0.9402	0.9224	0.7944	0.9247	0.9229	0.7464
9.5	0.9586	0.9634	0.9578	0.9546	0.8819	0.9646	0.9541	0.8198
9.6	0.9602	0.9705	0.9396	0.9520	0.8918	0.9684	0.9523	0.8306
9.7	0.9828	0.9879	0.9640	0.9759	0.9127	0.9878	0.9744	0.8564
9.8	0.9819	0.9850	0.9546	0.9721	0.9244	0.9879	0.9697	0.8743
9.9	0.9820	0.9847	0.9576	0.9658	0.9040	0.9896	0.9634	0.8839
10.0	0.9871	0.9685	0.9750	0.9691	0.8252	0.9929	0.9674	0.8154
10.1	0.9868	0.9719	0.9842	0.9585	0.7979	0.9935	0.9532	0.8231
10.2	0.9912	0.9738	0.9921	0.9661	0.8246	0.9964	0.9580	0.8647
10.3	0.9969	0.9811	0.9979	0.9788	0.8483	0.9990	0.9747	0.8759
10.4	0.9982	0.9761	0.9986	0.9837	0.8572	0.9997	0.9815	0.8830
10.5	0.9969	0.9781	0.9979	0.9745	0.8743	0.9992	0.9743	0.9029
10.6	0.9960	0.9795	0.9975	0.9647	0.8855	0.9987	0.9597	0.9124
10.7	0.9960	0.9808	0.9981	0.9576	0.8697	0.9989	0.9611	0.9267
10.8	0.9948	0.9859	0.9980	0.9443	0.8841	0.9985	0.9478	0.9390
10.9	0.9951	0.9856	0.9984	0.9441	0.9014	0.9990	0.9457	0.9442
11.0	0.9955	0.9893	0.9988	0.9636	0.9182	0.9993	0.9610	0.9581
11.1	0.9942	0.9884	0.9987	0.9719	0.9272	0.9994	0.9691	0.9590
11.2	0.9941	0.9870	0.9987	0.9774	0.9207	0.9995	0.9738	0.9656
11.3	0.9939	0.9872	0.9988	0.9844	0.8970	0.9995	0.9802	0.9619
11.4	0.9948	0.9909	0.9989	0.9902	0.9171	0.9996	0.9866	0.9658
11.5	0.9933	0.9921	0.9990	0.9907	0.9261	0.9996	0.9863	0.9676
11.6	0.9890	0.9910	0.9987	0.9914	0.8926	0.9995	0.9887	0.9651
11.7	0.9914	0.9908	0.9991	0.9927	0.8907	0.9997	0.9922	0.9707
11.8	0.9825	0.9899	0.9983	0.9900	0.8712	0.9993	0.9894	0.9664
11.9	0.9877	0.9931	0.9992	0.9960	0.9356	0.9998	0.9948	0.9744
12.0	0.9829	0.9935	0.9991	0.9946	0.9475	0.9997	0.9935	0.9708
12.1	0.9841	0.9946	0.9992	0.9943	0.9387	0.9997	0.9951	0.9758
12.2	0.9809	0.9948	0.9990	0.9953	0.9345	0.9997	0.9951	0.9774
12.3	0.9799	0.9959	0.9993	0.9962	0.9129	0.9997	0.9957	0.9724
12.4	0.9784	0.9946	0.9994	0.9961	0.8874	0.9994	0.9960	0.9719
12.5	0.9793	0.9940	0.9990	0.9957	0.8486	0.9993	0.9964	0.9616
12.6	0.9800	0.9943	0.9993	0.9967	0.7123	0.9995	0.9968	0.9526
12.7	0.9797	0.9947	0.9993	0.9970	0.6162	0.9995	0.9973	0.9406
12.8	0.9663	0.9956	0.9992	0.9973	0.6026	0.9995	0.9974	0.9068
12.9	0.9304	0.9929	0.9988	0.9965	0.7817	0.9993	0.9973	0.8994
13.0	0.8851	0.9918	0.9989	0.9958	0.8666	0.9995	0.9968	0.9158
13.1	0.6736	0.9884	0.9988	0.9962	0.9095	0.9996	0.9967	0.9461
13.2	0.4908	0.9914	0.9990	0.9961	0.9521	0.9997	0.9964	0.9698
13.3	0.6057	0.9889	0.9989	0.9959	0.9583	0.9997	0.9959	0.9696
13.4	0.8760	0.9937	0.9994	0.9971	0.9752	0.9997	0.9971	0.9857
13.5	0.8824	0.9918	0.9987	0.9952	0.9764	0.9996	0.9945	0.9877
13.6	0.9394	0.9920	0.9988	0.9959	0.9762	0.9996	0.9959	0.9851
13.7	0.9644	0.9944	0.9991	0.9968	0.9820	0.9995	0.9973	0.9887
13.8	0.9765	0.9952	0.9991	0.9976	0.9855	0.9995	0.9976	0.9923
13.9	0.9760	0.9923	0.9984	0.9971	0.9770	0.9993	0.9969	0.9882
14.0	0.9836	0.9940	0.9986	0.9980	0.9892	0.9993	0.9975	0.9920
14.1	0.9879	0.9947	0.9983	0.9979	0.9914	0.9993	0.9976	0.9939
14.2	0.9883	0.9956	0.9982	0.9975	0.9913	0.9993	0.9970	0.9946
14.3	0.9837	0.9960	0.9978	0.9966	0.9897	0.9994	0.9959	0.9934
14.4	0.9849	0.9967	0.9979	0.9969	0.9931	0.9993	0.9965	0.9956
14.5	0.9773	0.9904	0.9975	0.9944	0.9875	0.9994	0.9953	0.9915
14.6	0.9756	0.9868	0.9964	0.9946	0.9837	0.9987	0.9955	0.9890
14.7	0.9807	0.9842	0.9948	0.9965	0.9815	0.9970	0.9961	0.9854
14.8	0.9816	0.9786	0.9945	0.9974	0.9806	0.9968	0.9969	0.9853
14.9	0.9842	0.9732	0.9936	0.9973	0.9708	0.9973	0.9955	0.9790
15.0	0.9877	0.9832	0.9970	0.9984	0.9736	0.9980	0.9978	0.9815
15.1	0.9815	0.9708	0.9964	0.9963	0.9620	0.9971	0.9964	0.9727
15.2	0.9793	0.9697	0.9964	0.9964	0.9661	0.9975	0.9964	0.9780
15.3	0.9771	0.9705	0.9973	0.9940	0.9645	0.9965	0.9957	0.9737
15.4	0.9827	0.9746	0.9974	0.9963	0.9696	0.9973	0.9968	0.9790
15.5	0.9851	0.9681	0.9938	0.9949	0.9642	0.9954	0.9963	0.9729
15.6	0.9763	0.9602	0.9862	0.9939	0.9471	0.9935	0.9944	0.9576
15.7	0.9802	0.9710	0.9838	0.9960	0.9630	0.9941	0.9957	0.9685
15.8	0.9835	0.9679	0.9824	0.9956	0.9609	0.9932	0.9951	0.9654
15.9	0.9883	0.9767	0.9862	0.9969	0.9750	0.9965	0.9958	0.9773
16.0	0.9851	0.9650	0.9795	0.9959	0.9631	0.9963	0.9939	0.9635
16.1	0.9833	0.9771	0.9855	0.9960	0.9733	0.9958	0.9933	0.9705
16.2	0.9818	0.9786	0.9877	0.9954	0.9765	0.9952	0.9933	0.9719
16.3	0.9815	0.9724	0.9808	0.9916	0.9635	0.9923	0.9897	0.9558
16.4	0.9771	0.9685	0.9782	0.9880	0.9672	0.9894	0.9877	0.9532
16.5	0.9766	0.9714	0.9829	0.9843	0.9697	0.9868	0.9864	0.9517

16.6	0.9826	0.9651	0.9873	0.9893	0.9530	0.9849	0.9899	0.9296
16.7	0.9835	0.9617	0.9885	0.9943	0.9679	0.9868	0.9927	0.9250
16.8	0.9777	0.9593	0.9803	0.9879	0.9414	0.9870	0.9852	0.8575
16.9	0.9785	0.9479	0.9835	0.9868	0.9508	0.9881	0.9860	0.8548
17.0	0.9710	0.8597	0.9814	0.9802	0.9403	0.9833	0.9811	0.8194
17.1	0.9851	0.5994	0.9921	0.9902	0.9441	0.9918	0.9913	0.8135
17.2	0.9774	0.6715	0.9813	0.9860	0.9143	0.9845	0.9824	0.7723
17.3	0.9835	0.8491	0.9879	0.9878	0.9376	0.9885	0.9871	0.7346
17.4	0.9839	0.7091	0.9901	0.9875	0.9641	0.9900	0.9882	0.8616
17.5	0.9875	0.6167	0.9949	0.9897	0.9751	0.9931	0.9911	0.9234
17.6	0.9882	0.7032	0.9943	0.9909	0.9777	0.9919	0.9919	0.9409
17.7	0.9927	0.8488	0.9957	0.9938	0.9770	0.9919	0.9943	0.9570
17.8	0.9929	0.8647	0.9967	0.9942	0.9851	0.9923	0.9947	0.9624
17.9	0.9934	0.9033	0.9967	0.9945	0.9855	0.9925	0.9949	0.9610
18.0	0.9961	0.9201	0.9974	0.9965	0.9826	0.9930	0.9966	0.9513
18.1	0.9929	0.9168	0.9959	0.9945	0.9812	0.9899	0.9947	0.9325
18.2	0.9951	0.9217	0.9976	0.9964	0.9841	0.9913	0.9965	0.9385
18.3	0.9952	0.9341	0.9982	0.9968	0.9868	0.9920	0.9971	0.9554
18.4	0.9953	0.9288	0.9981	0.9959	0.9828	0.9762	0.9965	0.9462
18.5	0.9948	0.9120	0.9986	0.9951	0.9812	0.9453	0.9964	0.9061
18.6	0.9971	0.9045	0.9986	0.9974	0.9772	0.9072	0.9978	0.8301
18.7	0.9964	0.9086	0.9979	0.9981	0.9625	0.9643	0.9975	0.8253
18.8	0.9957	0.9168	0.9983	0.9974	0.9675	0.9795	0.9972	0.8492
18.9	0.9954	0.9361	0.9988	0.9974	0.9678	0.9793	0.9973	0.8287
19.0	0.9957	0.9376	0.9989	0.9976	0.9582	0.9776	0.9971	0.8300
19.1	0.9939	0.8955	0.9984	0.9962	0.9181	0.9662	0.9956	0.7448
19.2	0.9939	0.9132	0.9987	0.9960	0.9094	0.9658	0.9958	0.7447
19.3	0.9922	0.9227	0.9987	0.9949	0.8813	0.9662	0.9946	0.6604
19.4	0.9925	0.9519	0.9991	0.9954	0.8926	0.9705	0.9948	0.5724
19.5	0.9925	0.9550	0.9992	0.9948	0.8285	0.9720	0.9944	0.5183
19.6	0.9942	0.9501	0.9993	0.9961	0.8103	0.9731	0.9958	0.4793
19.7	0.9936	0.9361	0.9989	0.9956	0.7716	0.9661	0.9948	0.4453
19.8	0.9913	0.8948	0.9989	0.9934	0.6987	0.9678	0.9934	0.5136
19.9	0.9925	0.8753	0.9991	0.9945	0.7227	0.9716	0.9949	0.5739
20.0	0.9923	0.8691	0.9991	0.9945	0.7271	0.9757	0.9939	0.7168
20.1	0.9938	0.8908	0.9992	0.9955	0.7761	0.9779	0.9951	0.7971
20.2	0.9944	0.8722	0.9992	0.9953	0.8237	0.9788	0.9954	0.8548
20.3	0.9940	0.7593	0.9993	0.9949	0.7622	0.9785	0.9947	0.8829
20.4	0.9948	0.7120	0.9995	0.9966	0.8189	0.9859	0.9956	0.9210
20.5	0.9959	0.6377	0.9995	0.9965	0.8499	0.9802	0.9962	0.9087
20.6	0.9954	0.5421	0.9994	0.9958	0.7602	0.9712	0.9958	0.8270
20.7	0.9963	0.5041	0.9995	0.9963	0.7273	0.9790	0.9962	0.8164
20.8	0.9964	0.6171	0.9994	0.9962	0.7321	0.9761	0.9961	0.7670
20.9	0.9972	0.7463	0.9993	0.9970	0.7729	0.9744	0.9968	0.7407
21.0	0.9977	0.7877	0.9995	0.9975	0.7777	0.9803	0.9977	0.7817
21.1	0.9986	0.8381	0.9995	0.9982	0.8264	0.9804	0.9984	0.7849
21.2	0.9981	0.8619	0.9995	0.9978	0.8080	0.9673	0.9978	0.7696
21.3	0.9983	0.8689	0.9996	0.9979	0.7559	0.9617	0.9981	0.6786
21.4	0.9985	0.8763	0.9995	0.9981	0.7327	0.9658	0.9984	0.6382
21.5	0.9987	0.9063	0.9995	0.9983	0.7680	0.9655	0.9984	0.6741
21.6	0.9987	0.9170	0.9996	0.9985	0.7748	0.9741	0.9986	0.6808
21.7	0.9986	0.9056	0.9995	0.9981	0.7132	0.9535	0.9986	0.6895
21.8	0.9982	0.9137	0.9996	0.9982	0.6958	0.9584	0.9984	0.6695
21.9	0.9981	0.9191	0.9996	0.9983	0.6564	0.9656	0.9985	0.6585
22.0	0.9987	0.9328	0.9996	0.9983	0.7032	0.9722	0.9987	0.6641
22.1	0.9987	0.9341	0.9996	0.9982	0.6913	0.9755	0.9987	0.6425
22.2	0.9990	0.9478	0.9996	0.9988	0.6466	0.9838	0.9990	0.7051
22.3	0.9990	0.9580	0.9996	0.9989	0.7095	0.9850	0.9992	0.7668
22.4	0.9987	0.9499	0.9997	0.9988	0.5587	0.9849	0.9988	0.7190
22.5	0.9993	0.9564	0.9997	0.9988	0.5503	0.9902	0.9992	0.7076
22.6	0.9991	0.9382	0.9995	0.9984	0.5037	0.9891	0.9989	0.6660
22.7	0.9993	0.9427	0.9997	0.9988	0.5358	0.9929	0.9992	0.7715
22.8	0.9990	0.9040	0.9996	0.9986	0.5112	0.9928	0.9990	0.7142
22.9	0.9989	0.8755	0.9995	0.9985	0.6159	0.9911	0.9990	0.6968
23.0	0.9991	0.8731	0.9996	0.9984	0.6846	0.9886	0.9991	0.6662
23.1	0.9993	0.9223	0.9997	0.9989	0.7999	0.9933	0.9994	0.7022
23.2	0.9992	0.9147	0.9997	0.9987	0.8331	0.9912	0.9992	0.6978
23.3	0.9994	0.9363	0.9996	0.9988	0.8653	0.9923	0.9994	0.6513
23.4	0.9994	0.9461	0.9996	0.9991	0.8948	0.9926	0.9994	0.6587
23.5	0.9992	0.9254	0.9997	0.9991	0.8586	0.9904	0.9992	0.5512
23.6	0.9991	0.8531	0.9996	0.9987	0.8474	0.9807	0.9991	0.5558
23.7	0.9986	0.8572	0.9994	0.9980	0.8408	0.9681	0.9989	0.3137
23.8	0.9988	0.9036	0.9997	0.9985	0.8710	0.9717	0.9988	0.2591
23.9	0.9987	0.8578	0.9997	0.9986	0.8733	0.9678	0.9991	0.0940
24.0	0.9988	0.8576	0.9998	0.9986	0.8987	0.9647	0.9994	0.0707
24.1	0.9983	0.8068	0.9997	0.9980	0.9089	0.9450	0.9991	0.0166
24.2	0.9983	0.8411	0.9996	0.9983	0.9255	0.9460	0.9991	0.0377
24.3	0.9984	0.8780	0.9997	0.9989	0.9275	0.9628	0.9993	0.0679
24.4	0.9989	0.8915	0.9998	0.9987	0.9469	0.9682	0.9994	0.1181
24.5	0.9991	0.9107	0.9997	0.9985	0.9433	0.9750	0.9993	0.1956
24.6	0.9990	0.9227	0.9997	0.9988	0.9442	0.9777	0.9993	0.3026
24.7	0.9992	0.9396	0.9998	0.9989	0.9451	0.9877	0.9995	0.1490
24.8	0.9994	0.9626	0.9998	0.9991	0.9546	0.9924	0.9996	0.1608
24.9	0.9994	0.9654	0.9997	0.9991	0.9592	0.9930	0.9996	0.1545
25.0	0.9993	0.9639	0.9996	0.9989	0.9488	0.9925	0.9993	0.2299
25.1	0.9994	0.9531	0.9997	0.9986	0.9600	0.9910	0.9992	0.3013

25.2	0.9994	0.9553	0.9998	0.9989	0.9599	0.9929	0.9994	0.2382
25.3	0.9995	0.9540	0.9997	0.9989	0.9602	0.9915	0.9995	0.1525
25.4	0.9993	0.9437	0.9997	0.9990	0.9655	0.9900	0.9995	0.2493
25.5	0.9992	0.9266	0.9996	0.9991	0.9664	0.9890	0.9995	0.1695
25.6	0.9992	0.8896	0.9998	0.9992	0.9716	0.9794	0.9995	0.1408
25.7	0.9993	0.8507	0.9998	0.9991	0.9620	0.9767	0.9994	0.1942
25.8	0.9995	0.8802	0.9997	0.9993	0.9667	0.9873	0.9996	0.1967
25.9	0.9997	0.8857	0.9998	0.9995	0.9719	0.9886	0.9997	0.1728
26.0	0.9996	0.8580	0.9998	0.9996	0.9723	0.9852	0.9996	0.2636
26.1	0.9993	0.7728	0.9997	0.9995	0.9727	0.9802	0.9995	0.2751
26.2	0.9994	0.6472	0.9997	0.9994	0.9748	0.9814	0.9993	0.3999
26.3	0.9994	0.4511	0.9996	0.9993	0.9698	0.9594	0.9993	0.4118
26.4	0.9990	0.0642	0.9997	0.9992	0.9636	0.9208	0.9994	0.5332
26.5	0.9992	0.0001	0.9997	0.9995	0.9685	0.9145	0.9995	0.7631
26.6	0.9990	0.2170	0.9996	0.9995	0.9575	0.8654	0.9995	0.8572
26.7	0.9993	0.4655	0.9997	0.9996	0.9716	0.9002	0.9996	0.9244
26.8	0.9991	0.6594	0.9996	0.9994	0.9558	0.9430	0.9994	0.9107
26.9	0.9992	0.7309	0.9997	0.9994	0.9484	0.9747	0.9993	0.9412
27.0	0.9990	0.7392	0.9996	0.9995	0.9312	0.9808	0.9994	0.9525
27.1	0.9993	0.8547	0.9996	0.9996	0.9188	0.9854	0.9994	0.9548
27.2	0.9992	0.8859	0.9995	0.9995	0.9105	0.9881	0.9994	0.9643
27.3	0.9993	0.8930	0.9995	0.9995	0.8795	0.9914	0.9993	0.9632
27.4	0.9995	0.8949	0.9997	0.9996	0.8926	0.9944	0.9994	0.9754
27.5	0.9994	0.8825	0.9997	0.9995	0.8834	0.9940	0.9995	0.9709
27.6	0.9993	0.8836	0.9996	0.9996	0.8794	0.9935	0.9996	0.9763
27.7	0.9993	0.9002	0.9994	0.9995	0.8495	0.9949	0.9996	0.9743
27.8	0.9996	0.9343	0.9994	0.9996	0.9068	0.9967	0.9997	0.9845
27.9	0.9996	0.9250	0.9995	0.9996	0.9415	0.9970	0.9996	0.9837
28.0	0.9996	0.9419	0.9991	0.9994	0.9455	0.9957	0.9996	0.9878
28.1	0.9996	0.9385	0.9993	0.9990	0.9435	0.9968	0.9997	0.9771
28.2	0.9996	0.9234	0.9992	0.9990	0.9487	0.9973	0.9997	0.9680
28.3	0.9991	0.9198	0.9987	0.9989	0.9156	0.9954	0.9995	0.9609
28.4	0.9994	0.9590	0.9992	0.9995	0.9530	0.9973	0.9995	0.9660
28.5	0.9995	0.9614	0.9994	0.9995	0.9492	0.9980	0.9996	0.9689
28.6	0.9995	0.9571	0.9992	0.9995	0.9420	0.9965	0.9997	0.9632
28.7	0.9994	0.9579	0.9993	0.9995	0.9561	0.9969	0.9996	0.9566
28.8	0.9995	0.9624	0.9993	0.9996	0.9439	0.9976	0.9998	0.9632
28.9	0.9994	0.9592	0.9993	0.9995	0.8887	0.9968	0.9997	0.9531
29.0	0.9994	0.9578	0.9990	0.9995	0.8543	0.9970	0.9996	0.9450
29.1	0.9993	0.9626	0.9992	0.9994	0.8391	0.9968	0.9996	0.9489
29.2	0.9996	0.9722	0.9996	0.9994	0.9092	0.9977	0.9997	0.9554
29.3	0.9996	0.9727	0.9996	0.9996	0.9216	0.9973	0.9997	0.9539
29.4	0.9995	0.9733	0.9994	0.9996	0.9214	0.9971	0.9996	0.9495
29.5	0.9993	0.9535	0.9991	0.9992	0.9264	0.9953	0.9995	0.9350
29.6	0.9995	0.9638	0.9995	0.9995	0.9588	0.9980	0.9996	0.9360
29.7	0.9995	0.9602	0.9994	0.9994	0.9678	0.9980	0.9996	0.9385
29.8	0.9995	0.9365	0.9995	0.9995	0.9641	0.9974	0.9997	0.9372
29.9	0.9991	0.6117	0.9994	0.9990	0.9482	0.9944	0.9993	0.8885
30.0	0.9991	0.6158	0.9995	0.9991	0.9632	0.9949	0.9994	0.8730
30.1	0.9995	0.8641	0.9995	0.9996	0.9744	0.9972	0.9996	0.8350
30.2	0.9993	0.8173	0.9996	0.9995	0.9706	0.9950	0.9997	0.7089
30.3	0.9992	0.8379	0.9994	0.9993	0.9526	0.9937	0.9996	0.3162
30.4	0.9991	0.8687	0.9994	0.9993	0.8975	0.9910	0.9995	0.4416
30.5	0.9992	0.9137	0.9994	0.9994	0.8959	0.9914	0.9993	0.7219
30.6	0.9990	0.9301	0.9993	0.9993	0.9471	0.9931	0.9993	0.8131
30.7	0.9991	0.9072	0.9995	0.9994	0.9669	0.9941	0.9995	0.7475
30.8	0.9991	0.9125	0.9995	0.9994	0.9753	0.9950	0.9995	0.7495
30.9	0.9993	0.9047	0.9996	0.9994	0.9827	0.9958	0.9997	0.6862
31.0	0.9993	0.9202	0.9996	0.9995	0.9875	0.9958	0.9996	0.5851
31.1	0.9992	0.9292	0.9995	0.9994	0.9846	0.9947	0.9995	0.2710
31.2	0.9991	0.8591	0.9994	0.9991	0.9778	0.9941	0.9995	0.0276
31.3	0.9989	0.8199	0.9993	0.9992	0.9842	0.9932	0.9995	0.1292
31.4	0.9990	0.8001	0.9995	0.9992	0.9828	0.9932	0.9995	0.2417
31.5	0.9993	0.7659	0.9995	0.9992	0.9795	0.9941	0.9995	0.1644
31.6	0.9992	0.6826	0.9994	0.9991	0.9725	0.9926	0.9991	0.1770
31.7	0.9990	0.6204	0.9994	0.9989	0.9759	0.9906	0.9993	0.3729
31.8	0.9987	0.3625	0.9994	0.9983	0.9615	0.9838	0.9987	0.3629
31.9	0.9991	0.4477	0.9995	0.9988	0.9685	0.9888	0.9991	0.5193
32.0	0.9993	0.6813	0.9995	0.9988	0.9657	0.9848	0.9989	0.4776
32.1	0.9989	0.7669	0.9995	0.9982	0.9549	0.9725	0.9983	0.4301
32.2	0.9987	0.8010	0.9993	0.9977	0.9488	0.9647	0.9980	0.4920
32.3	0.9981	0.8738	0.9990	0.9972	0.9493	0.9262	0.9974	0.5077
32.4	0.9983	0.9142	0.9992	0.9979	0.9600	0.9172	0.9972	0.4993
32.5	0.9980	0.9164	0.9993	0.9980	0.9532	0.8796	0.9967	0.5915
32.6	0.9980	0.9381	0.9993	0.9979	0.9550	0.7990	0.9973	0.6511
32.7	0.9977	0.9401	0.9992	0.9975	0.9482	0.5525	0.9970	0.6058
32.8	0.9982	0.9477	0.9989	0.9980	0.9506	0.4008	0.9969	0.5568
32.9	0.9981	0.9574	0.9988	0.9983	0.9594	0.1995	0.9976	0.6606
33.0	0.9975	0.9706	0.9985	0.9985	0.9550	0.0941	0.9976	0.6619
33.1	0.9969	0.9674	0.9979	0.9987	0.9485	0.3715	0.9969	0.5914
33.2	0.9960	0.9610	0.9974	0.9982	0.9292	0.5533	0.9960	0.3889
33.3	0.9956	0.9710	0.9968	0.9983	0.8803	0.6978	0.9956	0.2846
33.4	0.9967	0.9788	0.9972	0.9985	0.8514	0.8605	0.9963	0.3066
33.5	0.9971	0.9816	0.9975	0.9990	0.8338	0.8975	0.9968	0.3156
33.6	0.9953	0.9715	0.9963	0.9991	0.6097	0.8342	0.9951	0.2861
33.7	0.9940	0.9716	0.9970	0.9989	0.3010	0.8379	0.9949	0.4110

33.8	0.9949	0.9720	0.9975	0.9989	0.1329	0.8849	0.9961	0.5997
33.9	0.9930	0.9656	0.9972	0.9991	0.3479	0.8458	0.9944	0.4820
34.0	0.9937	0.9628	0.9974	0.9993	0.6142	0.8515	0.9951	0.5004
34.1	0.9947	0.9697	0.9979	0.9993	0.7997	0.8500	0.9964	0.5601
34.2	0.9947	0.9685	0.9982	0.9991	0.8573	0.8342	0.9966	0.5763
34.3	0.9951	0.9760	0.9986	0.9992	0.8868	0.8424	0.9967	0.6614
34.4	0.9948	0.9776	0.9989	0.9992	0.8921	0.8269	0.9968	0.6947
34.5	0.9951	0.9739	0.9989	0.9991	0.9050	0.8046	0.9968	0.6890
34.6	0.9950	0.9801	0.9989	0.9991	0.9244	0.7890	0.9971	0.7229
34.7	0.9952	0.9817	0.9991	0.9986	0.9415	0.7766	0.9969	0.7182
34.8	0.9949	0.9795	0.9987	0.9987	0.9454	0.7568	0.9961	0.7358
34.9	0.9976	0.9853	0.9989	0.9987	0.9710	0.8680	0.9977	0.8578
35.0	0.9983	0.9868	0.9988	0.9985	0.9769	0.8612	0.9983	0.8641
35.1	0.9981	0.9797	0.9987	0.9978	0.9766	0.8185	0.9979	0.8426
35.2	0.9985	0.9793	0.9987	0.9983	0.9815	0.8375	0.9983	0.8725
35.3	0.9978	0.9778	0.9979	0.9985	0.9808	0.7929	0.9977	0.8635
35.4	0.9983	0.9812	0.9983	0.9980	0.9841	0.7925	0.9983	0.8887
35.5	0.9983	0.9835	0.9981	0.9975	0.9785	0.7473	0.9985	0.8992
35.6	0.9985	0.9814	0.9981	0.9977	0.9761	0.6890	0.9986	0.9001
35.7	0.9987	0.9842	0.9985	0.9979	0.9792	0.7278	0.9986	0.9273
35.8	0.9988	0.9898	0.9982	0.9981	0.9860	0.8121	0.9987	0.9495
35.9	0.9992	0.9888	0.9980	0.9984	0.9855	0.8438	0.9991	0.9469
36.0	0.9989	0.9879	0.9979	0.9979	0.9831	0.8275	0.9988	0.9558
36.1	0.9987	0.9871	0.9981	0.9976	0.9855	0.8289	0.9986	0.9606
36.2	0.9991	0.9923	0.9986	0.9984	0.9865	0.8590	0.9989	0.9709
36.3	0.9990	0.9932	0.9987	0.9984	0.9844	0.8625	0.9988	0.9709
36.4	0.9990	0.9932	0.9985	0.9984	0.9872	0.8562	0.9988	0.9772
36.5	0.9984	0.9908	0.9980	0.9979	0.9884	0.8596	0.9982	0.9800
36.6	0.9983	0.9928	0.9984	0.9976	0.9909	0.8277	0.9979	0.9811
36.7	0.9985	0.9936	0.9986	0.9976	0.9908	0.7950	0.9978	0.9854
36.8	0.9978	0.9932	0.9980	0.9967	0.9899	0.7209	0.9970	0.9838
36.9	0.9989	0.9938	0.9989	0.9985	0.9940	0.7826	0.9985	0.9904
37.0	0.9983	0.9959	0.9987	0.9974	0.9931	0.6598	0.9978	0.9891
37.1	0.9973	0.9953	0.9988	0.9963	0.9935	0.4680	0.9969	0.9875
37.2	0.9973	0.9949	0.9991	0.9966	0.9931	0.4452	0.9969	0.9910
37.3	0.9971	0.9938	0.9988	0.9964	0.9922	0.3504	0.9967	0.9883
37.4	0.9972	0.9958	0.9990	0.9965	0.9933	0.1754	0.9968	0.9900
37.5	0.9972	0.9955	0.9991	0.9968	0.9927	0.3465	0.9971	0.9908
37.6	0.9971	0.9959	0.9993	0.9968	0.9910	0.5432	0.9971	0.9915
37.7	0.9956	0.9954	0.9992	0.9953	0.9872	0.7811	0.9958	0.9893
37.8	0.9969	0.9960	0.9994	0.9967	0.9902	0.8193	0.9969	0.9895
37.9	0.9945	0.9941	0.9991	0.9941	0.9828	0.8213	0.9946	0.9874
38.0	0.9954	0.9948	0.9990	0.9952	0.9874	0.8498	0.9958	0.9822
38.1	0.9970	0.9952	0.9993	0.9967	0.9894	0.8672	0.9973	0.9850
38.2	0.9971	0.9961	0.9995	0.9967	0.9900	0.8468	0.9970	0.9848
38.3	0.9977	0.9966	0.9995	0.9971	0.9934	0.8371	0.9970	0.9871
38.4	0.9971	0.9937	0.9993	0.9963	0.9911	0.7712	0.9965	0.9775
38.5	0.9964	0.9944	0.9993	0.9956	0.9920	0.6590	0.9959	0.9741
38.6	0.9977	0.9958	0.9995	0.9973	0.9930	0.5694	0.9972	0.9817
38.7	0.9965	0.9934	0.9994	0.9957	0.9888	0.3307	0.9956	0.9628
38.8	0.9963	0.9947	0.9994	0.9958	0.9869	0.0625	0.9956	0.9520
38.9	0.9972	0.9957	0.9995	0.9966	0.9889	0.0883	0.9965	0.9261
39.0	0.9974	0.9961	0.9996	0.9967	0.9912	0.5288	0.9965	0.9194
39.1	0.9981	0.9974	0.9997	0.9977	0.9906	0.7583	0.9977	0.8781
39.2	0.9978	0.9965	0.9997	0.9972	0.9902	0.7954	0.9972	0.7768
39.3	0.9974	0.9961	0.9996	0.9966	0.9884	0.8617	0.9968	0.5496
39.4	0.9970	0.9939	0.9995	0.9962	0.9850	0.8810	0.9960	0.4337
39.5	0.9970	0.9944	0.9995	0.9960	0.9861	0.8832	0.9956	0.5410
39.6	0.9973	0.9948	0.9997	0.9964	0.9859	0.8962	0.9962	0.7808
39.7	0.9969	0.9958	0.9995	0.9955	0.9782	0.8788	0.9954	0.8243
39.8	0.9975	0.9964	0.9995	0.9965	0.9853	0.8823	0.9968	0.8493
39.9	0.9973	0.9956	0.9995	0.9959	0.9823	0.8609	0.9963	0.8583
40.0	0.9968	0.9930	0.9996	0.9955	0.9649	0.8485	0.9960	0.8384
40.1	0.9971	0.9931	0.9996	0.9961	0.9705	0.8825	0.9964	0.8407
40.2	0.9970	0.9933	0.9996	0.9955	0.9688	0.8987	0.9961	0.8771
40.3	0.9965	0.9908	0.9995	0.9944	0.9530	0.9067	0.9953	0.8216
40.4	0.9969	0.9903	0.9996	0.9952	0.9492	0.9320	0.9961	0.8650
40.5	0.9967	0.9875	0.9996	0.9944	0.9358	0.9230	0.9961	0.8444
40.6	0.9971	0.9873	0.9995	0.9949	0.9390	0.9359	0.9962	0.8323
40.7	0.9981	0.9883	0.9997	0.9963	0.9497	0.9458	0.9975	0.8147
40.8	0.9974	0.9810	0.9997	0.9953	0.9223	0.9570	0.9967	0.8052
40.9	0.9972	0.9815	0.9996	0.9945	0.9349	0.9508	0.9960	0.7719
41.0	0.9964	0.9694	0.9995	0.9931	0.9388	0.9198	0.9949	0.6210
41.1	0.9971	0.9578	0.9996	0.9948	0.9449	0.9516	0.9965	0.7091
41.2	0.9975	0.9589	0.9996	0.9955	0.9348	0.9497	0.9965	0.7080
41.3	0.9980	0.9630	0.9995	0.9968	0.9434	0.9623	0.9972	0.7207
41.4	0.9980	0.9488	0.9996	0.9970	0.9467	0.9587	0.9974	0.6220
41.5	0.9977	0.9192	0.9996	0.9965	0.9478	0.9511	0.9974	0.4207
41.6	0.9971	0.9275	0.9996	0.9967	0.9692	0.9584	0.9971	0.2193
41.7	0.9970	0.9056	0.9995	0.9961	0.9689	0.9660	0.9967	0.2156
41.8	0.9977	0.9130	0.9995	0.9965	0.9672	0.9811	0.9968	0.3792
41.9	0.9971	0.8586	0.9995	0.9965	0.9629	0.9845	0.9968	0.7241
42.0	0.9973	0.9103	0.9995	0.9965	0.9630	0.9886	0.9968	0.8218
42.1	0.9967	0.9014	0.9996	0.9964	0.9554	0.9830	0.9968	0.8512
42.2	0.9976	0.9079	0.9996	0.9971	0.9498	0.9759	0.9970	0.8769
42.3	0.9979	0.9461	0.9996	0.9968	0.9640	0.9835	0.9967	0.8896

42.4	0.9980	0.9614	0.9997	0.9975	0.9702	0.9915	0.9975	0.9052
42.5	0.9974	0.9623	0.9996	0.9970	0.9656	0.9901	0.9972	0.8932
42.6	0.9980	0.9639	0.9997	0.9971	0.9684	0.9898	0.9973	0.8879
42.7	0.9973	0.9537	0.9995	0.9965	0.9649	0.9643	0.9960	0.7619
42.8	0.9975	0.9476	0.9994	0.9963	0.9739	0.9689	0.9954	0.7639
42.9	0.9973	0.9462	0.9995	0.9960	0.9800	0.9844	0.9955	0.8866
43.0	0.9971	0.9482	0.9996	0.9953	0.9816	0.9873	0.9951	0.8938
43.1	0.9964	0.9218	0.9997	0.9973	0.9773	0.9727	0.9971	0.8903
43.2	0.9964	0.9013	0.9996	0.9969	0.9652	0.9612	0.9965	0.8924
43.3	0.9973	0.9368	0.9995	0.9962	0.9709	0.9792	0.9962	0.9429
43.4	0.9979	0.9186	0.9996	0.9964	0.9725	0.9848	0.9964	0.9495
43.5	0.9974	0.8907	0.9996	0.9949	0.9773	0.9797	0.9952	0.9478
43.6	0.9967	0.9226	0.9994	0.9940	0.9846	0.9884	0.9954	0.9696
43.7	0.9968	0.9525	0.9994	0.9940	0.9871	0.9882	0.9955	0.9723
43.8	0.9981	0.9547	0.9995	0.9952	0.9849	0.9890	0.9959	0.9610
43.9	0.9983	0.9608	0.9997	0.9970	0.9943	0.9918	0.9975	0.9592
44.0	0.9979	0.9515	0.9996	0.9961	0.9781	0.9912	0.9964	0.9392
44.1	0.9979	0.9628	0.9996	0.9948	0.9645	0.9871	0.9949	0.9510
44.2	0.9975	0.9642	0.9996	0.9949	0.9874	0.9869	0.9954	0.9789
44.3	0.9955	0.9696	0.9995	0.9931	0.9906	0.9865	0.9945	0.9857
44.4	0.9955	0.9715	0.9996	0.9944	0.9860	0.9816	0.9961	0.9807
44.5	0.9964	0.9696	0.9996	0.9943	0.9847	0.9887	0.9953	0.9741
44.6	0.9963	0.9568	0.9996	0.9938	0.9865	0.9867	0.9943	0.9635
44.7	0.9978	0.9609	0.9995	0.9948	0.9887	0.9882	0.9956	0.9371
44.8	0.9973	0.9510	0.9996	0.9942	0.9873	0.9799	0.9948	0.9148
44.9	0.9971	0.9303	0.9997	0.9954	0.9807	0.9658	0.9949	0.9559
45.0	0.9976	0.9526	0.9996	0.9931	0.9811	0.9772	0.9923	0.9617
45.1	0.9968	0.9518	0.9993	0.9936	0.9855	0.9883	0.9945	0.9708
45.2	0.9973	0.9607	0.9994	0.9957	0.9822	0.9904	0.9956	0.9786
45.3	0.9984	0.9770	0.9996	0.9971	0.9871	0.9903	0.9965	0.9829
45.4	0.9980	0.9538	0.9996	0.9934	0.9815	0.9795	0.9941	0.9738
45.5	0.9966	0.9558	0.9996	0.9900	0.9779	0.9828	0.9930	0.9585
45.6	0.9968	0.9581	0.9996	0.9908	0.9831	0.9853	0.9926	0.9777
45.7	0.9981	0.9702	0.9994	0.9941	0.9878	0.9764	0.9942	0.9808
45.8	0.9983	0.9763	0.9992	0.9946	0.9857	0.9697	0.9939	0.9824
45.9	0.9976	0.9724	0.9994	0.9961	0.9880	0.9881	0.9961	0.9817
46.0	0.9981	0.9769	0.9995	0.9964	0.9894	0.9944	0.9953	0.9854
46.1	0.9984	0.9828	0.9995	0.9969	0.9894	0.9937	0.9961	0.9871
46.2	0.9971	0.9811	0.9993	0.9949	0.9872	0.9770	0.9939	0.9854
46.3	0.9961	0.9873	0.9995	0.9968	0.9909	0.9831	0.9966	0.9885
46.4	0.9959	0.9812	0.9995	0.9975	0.9904	0.9936	0.9971	0.9820
46.5	0.9968	0.9845	0.9996	0.9981	0.9889	0.9933	0.9970	0.9727
46.6	0.9972	0.9881	0.9994	0.9962	0.9841	0.9781	0.9959	0.9772
46.7	0.9974	0.9922	0.9995	0.9949	0.9842	0.9648	0.9941	0.9879
46.8	0.9968	0.9902	0.9994	0.9945	0.9884	0.9734	0.9951	0.9902
46.9	0.9963	0.9887	0.9991	0.9963	0.9849	0.9839	0.9963	0.9828
47.0	0.9960	0.9917	0.9994	0.9975	0.9849	0.9942	0.9967	0.9846
47.1	0.9975	0.9909	0.9993	0.9963	0.9851	0.9927	0.9956	0.9877
47.2	0.9978	0.9925	0.9994	0.9959	0.9852	0.9903	0.9946	0.9879
47.3	0.9980	0.9925	0.9993	0.9956	0.9832	0.9897	0.9952	0.9856
47.4	0.9978	0.9943	0.9993	0.9967	0.9849	0.9920	0.9967	0.9895
47.5	0.9965	0.9938	0.9993	0.9958	0.9808	0.9912	0.9961	0.9877
47.6	0.9938	0.9945	0.9995	0.9956	0.9838	0.9892	0.9963	0.9884
47.7	0.9939	0.9938	0.9994	0.9956	0.9814	0.9766	0.9943	0.9819
47.8	0.9943	0.9954	0.9993	0.9959	0.9794	0.9796	0.9943	0.9778
47.9	0.9937	0.9949	0.9994	0.9948	0.9763	0.9812	0.9954	0.9775
48.0	0.9947	0.9969	0.9994	0.9950	0.9752	0.9878	0.9947	0.9841
48.1	0.9955	0.9958	0.9994	0.9952	0.9697	0.9856	0.9944	0.9771
48.2	0.9963	0.9963	0.9993	0.9940	0.9648	0.9841	0.9944	0.9726
48.3	0.9953	0.9967	0.9994	0.9935	0.9706	0.9806	0.9935	0.9693
48.4	0.9932	0.9954	0.9993	0.9947	0.9690	0.9798	0.9940	0.9642
48.5	0.9909	0.9954	0.9993	0.9946	0.9686	0.9751	0.9950	0.9622
48.6	0.9878	0.9960	0.9992	0.9927	0.9658	0.9801	0.9927	0.9452
48.7	0.9886	0.9953	0.9991	0.9910	0.9583	0.9825	0.9925	0.9206
48.8	0.9919	0.9955	0.9993	0.9921	0.9593	0.9822	0.9931	0.8866
48.9	0.9951	0.9958	0.9993	0.9935	0.9509	0.9891	0.9937	0.9378
49.0	0.9951	0.9964	0.9991	0.9924	0.9321	0.9886	0.9917	0.9165
49.1	0.9934	0.9953	0.9988	0.9934	0.9390	0.9863	0.9909	0.8754
49.2	0.9930	0.9950	0.9988	0.9919	0.9257	0.9842	0.9894	0.8746
49.3	0.9938	0.9964	0.9993	0.9931	0.9451	0.9810	0.9920	0.9065
49.4	0.9924	0.9954	0.9992	0.9905	0.9271	0.9758	0.9888	0.8698
49.5	0.9902	0.9936	0.9989	0.9864	0.9197	0.9709	0.9846	0.7704
49.6	0.9923	0.9945	0.9986	0.9862	0.9035	0.9629	0.9792	0.7865
49.7	0.9921	0.9914	0.9983	0.9879	0.8780	0.9738	0.9764	0.8007
49.8	0.9920	0.9915	0.9987	0.9878	0.8801	0.9854	0.9766	0.7508
49.9	0.9915	0.9938	0.9985	0.9890	0.8554	0.9836	0.9762	0.6636
50.0	0.9930	0.9939	0.9989	0.9919	0.8711	0.9899	0.9795	0.6160
50.1	0.9937	0.9922	0.9989	0.9917	0.8182	0.9918	0.9792	0.5931
50.2	0.9935	0.9928	0.9987	0.9923	0.7578	0.9926	0.9814	0.6475
50.3	0.9896	0.9894	0.9984	0.9825	0.6080	0.9852	0.9736	0.4765
50.4	0.9894	0.9910	0.9985	0.9778	0.5941	0.9608	0.9608	0.4630
50.5	0.9923	0.9900	0.9986	0.9891	0.6795	0.9736	0.9779	0.5626
50.6	0.9907	0.9907	0.9986	0.9891	0.6848	0.9831	0.9794	0.4810
50.7	0.9880	0.9918	0.9985	0.9883	0.5845	0.9846	0.9772	0.5348
50.8	0.9882	0.9898	0.9986	0.9880	0.6009	0.9760	0.9775	0.5460
50.9	0.9812	0.9802	0.9977	0.9853	0.6220	0.9686	0.9585	0.1705

51.0	0.9832	0.9809	0.9978	0.9879	0.6835	0.9833	0.9658	0.1556
51.1	0.9847	0.9821	0.9985	0.9879	0.7018	0.9828	0.9743	0.1600
51.2	0.9834	0.9762	0.9983	0.9886	0.6822	0.9766	0.9655	0.0762
51.3	0.9758	0.9690	0.9976	0.9850	0.6503	0.9791	0.9538	0.1667
51.4	0.9781	0.9740	0.9979	0.9878	0.6946	0.9821	0.9601	0.2079
51.5	0.9791	0.9676	0.9980	0.9881	0.6461	0.9801	0.9618	0.1768
51.6	0.9687	0.9483	0.9970	0.9859	0.4747	0.9742	0.9560	0.2325
51.7	0.9710	0.9539	0.9979	0.9865	0.5523	0.9833	0.9710	0.3344
51.8	0.9757	0.9646	0.9987	0.9904	0.6876	0.9831	0.9741	0.2603
51.9	0.9595	0.9463	0.9984	0.9852	0.5628	0.9817	0.9625	0.1933
52.0	0.9419	0.9458	0.9984	0.9831	0.4819	0.9835	0.9480	0.2608
52.1	0.9606	0.9572	0.9984	0.9849	0.5157	0.9807	0.9639	0.3184
52.2	0.9585	0.9684	0.9985	0.9852	0.6167	0.9772	0.9728	0.3501
52.3	0.9373	0.9531	0.9989	0.9826	0.4584	0.9822	0.9609	0.3270
52.4	0.9378	0.9559	0.9985	0.9747	0.3598	0.9813	0.9598	0.4007
52.5	0.9293	0.9504	0.9979	0.9753	0.4856	0.9724	0.9621	0.3373
52.6	0.9346	0.9384	0.9987	0.9831	0.5697	0.9744	0.9669	0.2718
52.7	0.9406	0.9455	0.9987	0.9847	0.7134	0.9822	0.9671	0.2436
52.8	0.9323	0.9472	0.9985	0.9841	0.6686	0.9850	0.9685	0.3830
52.9	0.9243	0.9620	0.9985	0.9840	0.7148	0.9909	0.9754	0.5117
53.0	0.9168	0.9679	0.9986	0.9863	0.7637	0.9910	0.9812	0.6549
53.1	0.9144	0.9613	0.9990	0.9853	0.7867	0.9891	0.9794	0.5647
53.2	0.8830	0.9497	0.9983	0.9788	0.7786	0.9881	0.9768	0.4152
53.3	0.8601	0.9327	0.9981	0.9662	0.7418	0.9847	0.9674	0.4216
53.4	0.8990	0.9461	0.9984	0.9627	0.8080	0.9860	0.9814	0.7487
53.5	0.8322	0.9523	0.9984	0.9635	0.7261	0.9864	0.9788	0.7646
53.6	0.8329	0.9475	0.9986	0.9614	0.6744	0.9865	0.9715	0.6905
53.7	0.9186	0.9592	0.9987	0.9732	0.7544	0.9904	0.9787	0.7633
53.8	0.9157	0.9555	0.9982	0.9670	0.7343	0.9903	0.9780	0.7945
53.9	0.9213	0.9598	0.9988	0.9679	0.7047	0.9893	0.9850	0.8416
54.0	0.9264	0.9569	0.9991	0.9751	0.6839	0.9893	0.9865	0.8470
54.1	0.8585	0.9008	0.9986	0.9637	0.6446	0.9792	0.9808	0.7153
54.2	0.7974	0.8322	0.9983	0.9602	0.7071	0.9777	0.9758	0.5839
54.3	0.8330	0.9196	0.9987	0.9685	0.7462	0.9798	0.9840	0.8154
54.4	0.8130	0.9038	0.9986	0.9688	0.7556	0.9791	0.9782	0.8009
54.5	0.8102	0.9046	0.9987	0.9678	0.7235	0.9837	0.9814	0.8359
54.6	0.7726	0.8891	0.9988	0.9654	0.5858	0.9822	0.9819	0.8240
54.7	0.7482	0.8898	0.9985	0.9549	0.5556	0.9824	0.9777	0.8185
54.8	0.7506	0.8957	0.9987	0.9568	0.5587	0.9841	0.9787	0.8610
54.9	0.7329	0.9182	0.9988	0.9559	0.4959	0.9845	0.9866	0.9180
55.0	0.6943	0.8960	0.9987	0.9482	0.2788	0.9857	0.9844	0.9133
55.1	0.6332	0.9047	0.9987	0.9213	0.2123	0.9825	0.9840	0.9004
55.2	0.5494	0.9175	0.9985	0.9304	0.0147	0.9870	0.9802	0.8999
55.3	0.4903	0.8427	0.9983	0.9282	0.1574	0.9855	0.9736	0.8650
55.4	0.5567	0.8008	0.9986	0.9361	0.4433	0.9892	0.9711	0.8538
55.5	0.7124	0.8525	0.9984	0.9438	0.5010	0.9909	0.9771	0.8407
55.6	0.6793	0.9262	0.9986	0.9379	0.2624	0.9903	0.9803	0.8868
55.7	0.5981	0.9273	0.9983	0.9428	0.1595	0.9914	0.9784	0.9172
55.8	0.4411	0.9108	0.9985	0.9260	0.2967	0.9904	0.9828	0.9193
55.9	0.4121	0.9402	0.9990	0.9454	0.3858	0.9924	0.9838	0.9381
56.0	0.4615	0.9265	0.9986	0.9433	0.3772	0.9923	0.9843	0.9454
56.1	0.4636	0.9050	0.9980	0.9327	0.2158	0.9912	0.9843	0.9393
56.2	0.4453	0.9307	0.9988	0.9473	0.2892	0.9931	0.9879	0.9521
56.3	0.4421	0.9295	0.9989	0.9406	0.2376	0.9943	0.9890	0.9582
56.4	0.6865	0.8915	0.9988	0.9596	0.3083	0.9961	0.9909	0.9641
56.5	0.6984	0.8597	0.9985	0.9373	0.1211	0.9953	0.9876	0.9579
56.6	0.7302	0.8626	0.9985	0.9340	0.0338	0.9944	0.9842	0.9606
56.7	0.7338	0.8353	0.9985	0.9235	0.0192	0.9942	0.9803	0.9595
56.8	0.7618	0.8348	0.9988	0.9192	0.0023	0.9946	0.9815	0.9522
56.9	0.8214	0.7653	0.9983	0.9195	0.0180	0.9953	0.9837	0.9601
57.0	0.8313	0.6922	0.9986	0.9184	0.1484	0.9953	0.9871	0.9730
57.1	0.8425	0.6239	0.9983	0.9037	0.2814	0.9949	0.9807	0.9740
57.2	0.8000	0.2712	0.9976	0.9060	0.3658	0.9918	0.9711	0.9575
57.3	0.8507	0.3788	0.9982	0.8930	0.4797	0.9927	0.9701	0.9560
57.4	0.8749	0.3780	0.9978	0.9156	0.5981	0.9945	0.9729	0.9635
57.5	0.8759	0.5058	0.9969	0.9174	0.6481	0.9947	0.9698	0.9637
57.6	0.9160	0.7541	0.9978	0.9250	0.7212	0.9972	0.9696	0.9673
57.7	0.9189	0.7499	0.9980	0.9192	0.7481	0.9964	0.9685	0.9719
57.8	0.9047	0.8037	0.9985	0.9234	0.7830	0.9953	0.9712	0.9779
57.9	0.9049	0.7641	0.9975	0.9195	0.7869	0.9927	0.9663	0.9648
58.0	0.9035	0.8569	0.9969	0.9056	0.8229	0.9944	0.9616	0.9668
58.1	0.9286	0.9104	0.9978	0.9205	0.7640	0.9952	0.9703	0.9621
58.2	0.9195	0.8911	0.9982	0.9150	0.7148	0.9947	0.9703	0.9440
58.3	0.9332	0.8874	0.9975	0.9194	0.8671	0.9945	0.9675	0.9682
58.4	0.9467	0.9121	0.9975	0.9195	0.9212	0.9952	0.9631	0.9783
58.5	0.9552	0.9404	0.9975	0.9267	0.9328	0.9959	0.9644	0.9801
58.6	0.9683	0.9454	0.9975	0.9370	0.9440	0.9962	0.9722	0.9710
58.7	0.9798	0.9653	0.9980	0.9481	0.9625	0.9963	0.9796	0.9724
58.8	0.9823	0.9728	0.9983	0.9485	0.9649	0.9971	0.9804	0.9788
58.9	0.9833	0.9722	0.9983	0.9452	0.9672	0.9974	0.9804	0.9789
59.0	0.9432	0.7805	0.9978	0.9307	0.9163	0.9926	0.9706	0.9682
59.1	0.9510	0.7748	0.9982	0.9353	0.8957	0.9918	0.9715	0.9623
59.2	0.9846	0.9374	0.9980	0.9132	0.9357	0.9951	0.9732	0.9667
59.3	0.9821	0.9455	0.9972	0.9023	0.9229	0.9959	0.9682	0.9616
59.4	0.9790	0.9517	0.9968	0.8765	0.9078	0.9948	0.9666	0.9574
59.5	0.9853	0.9637	0.9975	0.8656	0.9190	0.9954	0.9644	0.9530

59.6	0.9802	0.9460	0.9970	0.7964	0.8593	0.9934	0.9551	0.9197
59.7	0.9788	0.9470	0.9968	0.7950	0.8508	0.9950	0.9532	0.9361
59.8	0.9313	0.9314	0.9975	0.7529	0.6760	0.9920	0.9233	0.9273
59.9	0.9297	0.9330	0.9800	0.7695	0.6644	0.9905	0.7911	0.8037
60.0	0.9739	0.9397	0.9032	0.7869	0.7771	0.9934	0.5563	0.4541
60.1	0.9764	0.9486	0.9608	0.8347	0.8419	0.9924	0.7002	0.6807
60.2	0.9800	0.9698	0.9971	0.8790	0.9192	0.9931	0.9218	0.9264
60.3	0.9856	0.9718	0.9972	0.9289	0.9297	0.9939	0.9393	0.9466
60.4	0.9843	0.9748	0.9970	0.9181	0.9453	0.9943	0.9381	0.9487
60.5	0.9823	0.9709	0.9969	0.9219	0.9520	0.9923	0.9218	0.9369
60.6	0.9853	0.9643	0.9969	0.9404	0.9513	0.9945	0.9228	0.9448
60.7	0.9835	0.9666	0.9972	0.9505	0.9585	0.9942	0.9257	0.9589
60.8	0.9811	0.9621	0.9968	0.9567	0.9689	0.9943	0.9218	0.9677
60.9	0.9773	0.9565	0.9965	0.9516	0.9711	0.9934	0.9255	0.9552
61.0	0.9722	0.9505	0.9963	0.9443	0.9600	0.9912	0.9408	0.9404
61.1	0.9704	0.9402	0.9954	0.9355	0.9588	0.9883	0.9328	0.9229
61.2	0.9712	0.9570	0.9946	0.9225	0.9617	0.9890	0.9312	0.9390
61.3	0.9789	0.9364	0.9961	0.9445	0.9262	0.9908	0.9373	0.9321
61.4	0.9785	0.9355	0.9949	0.9470	0.9222	0.9898	0.9370	0.9003
61.5	0.9837	0.9535	0.9963	0.9621	0.9403	0.9913	0.9560	0.9163
61.6	0.9836	0.9631	0.9962	0.9707	0.9406	0.9918	0.9724	0.9097
61.7	0.9811	0.9539	0.9963	0.9733	0.9038	0.9917	0.9714	0.9027
61.8	0.9863	0.9488	0.9968	0.9841	0.9101	0.9923	0.9738	0.9292
61.9	0.9890	0.9524	0.9966	0.9789	0.9272	0.9907	0.9751	0.9232
62.0	0.9867	0.9579	0.9951	0.9711	0.9229	0.9886	0.9704	0.9257
62.1	0.9877	0.9591	0.9963	0.9797	0.9429	0.9930	0.9708	0.9263
62.2	0.9844	0.9538	0.9954	0.9768	0.9300	0.9908	0.9636	0.9154
62.3	0.9829	0.9612	0.9945	0.9764	0.9436	0.9884	0.9619	0.9157
62.4	0.9869	0.9558	0.9945	0.9817	0.9537	0.9921	0.9685	0.9168
62.5	0.9857	0.9566	0.9946	0.9864	0.9330	0.9892	0.9683	0.9239
62.6	0.9886	0.9707	0.9952	0.9903	0.9519	0.9900	0.9785	0.9510
62.7	0.9918	0.9764	0.9967	0.9927	0.9754	0.9919	0.9773	0.9586
62.8	0.9884	0.9680	0.9938	0.9872	0.9547	0.9906	0.9641	0.9400
62.9	0.9869	0.9680	0.9928	0.9882	0.9565	0.9904	0.9654	0.9322
63.0	0.9860	0.9659	0.9928	0.9872	0.9570	0.9901	0.9714	0.9365
63.1	0.9887	0.9630	0.9927	0.9877	0.9605	0.9896	0.9623	0.9495
63.2	0.9842	0.9637	0.9953	0.9876	0.9655	0.9901	0.9494	0.9462
63.3	0.9854	0.9587	0.9947	0.9856	0.9713	0.9887	0.9373	0.9499
63.4	0.9923	0.9687	0.9958	0.9885	0.9799	0.9931	0.9524	0.9685
63.5	0.9874	0.9624	0.9929	0.9817	0.9756	0.9881	0.9163	0.9462
63.6	0.9858	0.9651	0.9916	0.9846	0.9747	0.9876	0.8983	0.9434
63.7	0.9867	0.9575	0.9933	0.9799	0.9731	0.9904	0.8858	0.9576
63.8	0.9907	0.9709	0.9947	0.9815	0.9737	0.9920	0.8877	0.9571
63.9	0.9881	0.9625	0.9950	0.9806	0.9760	0.9924	0.9054	0.9537
64.0	0.9876	0.9647	0.9951	0.9781	0.9791	0.9929	0.9182	0.9499
64.1	0.9883	0.9743	0.9957	0.9798	0.9834	0.9936	0.8906	0.9424
64.2	0.9880	0.9636	0.9939	0.9759	0.9824	0.9915	0.8333	0.9480
64.3	0.9881	0.9790	0.9934	0.9743	0.9804	0.9910	0.8578	0.9588
64.4	0.9912	0.9775	0.9942	0.9663	0.9838	0.9927	0.8329	0.9495
64.5	0.9912	0.9839	0.9946	0.9633	0.9828	0.9935	0.8473	0.9667
64.6	0.9894	0.9858	0.9951	0.9617	0.9837	0.9934	0.8224	0.9700
64.7	0.9834	0.9828	0.9921	0.9624	0.9784	0.9912	0.7890	0.9534
64.8	0.9843	0.9801	0.9935	0.9642	0.9823	0.9932	0.7974	0.9623
64.9	0.9824	0.9834	0.9924	0.9574	0.9779	0.9911	0.7951	0.9608
65.0	0.9798	0.9833	0.9888	0.9483	0.9693	0.9903	0.7845	0.9411
65.1	0.9745	0.9856	0.9879	0.9518	0.9712	0.9853	0.7710	0.9430
65.2	0.9741	0.9836	0.9893	0.9584	0.9736	0.9891	0.8494	0.9510
65.3	0.9752	0.9878	0.9920	0.9570	0.9805	0.9923	0.9025	0.9619
65.4	0.9781	0.9920	0.9932	0.9620	0.9841	0.9923	0.9117	0.9615
65.5	0.9799	0.9920	0.9921	0.9604	0.9832	0.9906	0.9246	0.9518
65.6	0.9736	0.9881	0.9899	0.9430	0.9752	0.9867	0.8936	0.9474
65.7	0.9648	0.9865	0.9884	0.9457	0.9668	0.9827	0.9011	0.9252
65.8	0.9722	0.9899	0.9899	0.9591	0.9776	0.9862	0.9326	0.9314
65.9	0.9844	0.9941	0.9927	0.9736	0.9865	0.9908	0.9542	0.9553
66.0	0.9829	0.9876	0.9884	0.9660	0.9808	0.9853	0.9465	0.9462
66.1	0.9832	0.9929	0.9906	0.9667	0.9816	0.9851	0.9670	0.9582
66.2	0.9779	0.9944	0.9923	0.9638	0.9785	0.9835	0.9729	0.9613
66.3	0.9714	0.9952	0.9895	0.9614	0.9742	0.9777	0.9688	0.9528
66.4	0.9706	0.9907	0.9868	0.9604	0.9738	0.9732	0.9609	0.9172
66.5	0.9780	0.9932	0.9900	0.9806	0.9820	0.9822	0.9751	0.9216
66.6	0.9846	0.9948	0.9922	0.9859	0.9871	0.9854	0.9839	0.9478
66.7	0.9835	0.9945	0.9925	0.9800	0.9838	0.9833	0.9783	0.9445
66.8	0.9821	0.9936	0.9924	0.9802	0.9822	0.9837	0.9734	0.9430
66.9	0.9794	0.9917	0.9912	0.9810	0.9831	0.9813	0.9711	0.9490
67.0	0.9812	0.9950	0.9920	0.9817	0.9820	0.9767	0.9759	0.9447
67.1	0.9839	0.9953	0.9938	0.9874	0.9865	0.9827	0.9822	0.9562
67.2	0.9842	0.9938	0.9929	0.9897	0.9880	0.9818	0.9819	0.9556
67.3	0.9862	0.9936	0.9930	0.9884	0.9881	0.9821	0.9795	0.9581
67.4	0.9892	0.9963	0.9953	0.9927	0.9906	0.9858	0.9851	0.9630
67.5	0.9822	0.9941	0.9923	0.9892	0.9815	0.9761	0.9816	0.9636
67.6	0.9761	0.9933	0.9914	0.9890	0.9786	0.9716	0.9772	0.9551
67.7	0.9815	0.9950	0.9927	0.9883	0.9830	0.9710	0.9738	0.9596
67.8	0.9874	0.9958	0.9947	0.9918	0.9869	0.9778	0.9810	0.9732
67.9	0.9860	0.9947	0.9952	0.9910	0.9884	0.9771	0.9783	0.9689
68.0	0.9827	0.9938	0.9929	0.9879	0.9856	0.9684	0.9702	0.9546
68.1	0.9778	0.9917	0.9924	0.9858	0.9805	0.9606	0.9632	0.9637

68.2	0.9831	0.9945	0.9956	0.9908	0.9848	0.9701	0.9743	0.9677
68.3	0.9868	0.9946	0.9957	0.9923	0.9879	0.9752	0.9765	0.9833
68.4	0.9845	0.9932	0.9941	0.9871	0.9831	0.9612	0.9717	0.9650
68.5	0.9832	0.9926	0.9943	0.9893	0.9860	0.9572	0.9735	0.9593
68.6	0.9840	0.9905	0.9948	0.9913	0.9855	0.9600	0.9741	0.9604
68.7	0.9841	0.9907	0.9946	0.9918	0.9856	0.9588	0.9788	0.9700
68.8	0.9833	0.9913	0.9941	0.9904	0.9826	0.9563	0.9751	0.9665
68.9	0.9805	0.9924	0.9957	0.9922	0.9795	0.9495	0.9708	0.9660
69.0	0.9814	0.9920	0.9955	0.9927	0.9843	0.9470	0.9755	0.9600
69.1	0.9853	0.9863	0.9963	0.9941	0.9871	0.9550	0.9862	0.9550
69.2	0.9811	0.9844	0.9955	0.9901	0.9800	0.9415	0.9797	0.9448
69.3	0.9690	0.9822	0.9948	0.9868	0.9736	0.9056	0.9660	0.9398
69.4	0.9780	0.9859	0.9959	0.9912	0.9811	0.9262	0.9737	0.9542
69.5	0.9748	0.9813	0.9957	0.9906	0.9779	0.9232	0.9713	0.9557
69.6	0.9534	0.9702	0.9937	0.9851	0.9602	0.8530	0.9528	0.9296
69.7	0.9528	0.9660	0.9936	0.9838	0.9656	0.8163	0.9556	0.9314
69.8	0.9544	0.9668	0.9949	0.9880	0.9685	0.8479	0.9570	0.9295
69.9	0.9628	0.9551	0.9955	0.9885	0.9729	0.8504	0.9578	0.9210
70.0	0.9579	0.9313	0.9947	0.9855	0.9729	0.7930	0.9584	0.9040
70.1	0.9640	0.9300	0.9950	0.9881	0.9763	0.7941	0.9645	0.9135
70.2	0.9632	0.9460	0.9960	0.9899	0.9724	0.7969	0.9613	0.9247
70.3	0.9514	0.9326	0.9931	0.9860	0.9630	0.6687	0.9523	0.8990
70.4	0.9495	0.9184	0.9932	0.9882	0.9643	0.5597	0.9584	0.8502
70.5	0.9465	0.9198	0.9939	0.9862	0.9618	0.4955	0.9588	0.8400
70.6	0.9526	0.9189	0.9934	0.9840	0.9630	0.4391	0.9612	0.8971
70.7	0.9589	0.9279	0.9934	0.9823	0.9641	0.2851	0.9656	0.8933
70.8	0.9651	0.9297	0.9937	0.9810	0.9674	0.1855	0.9678	0.8567
70.9	0.9660	0.9384	0.9946	0.9823	0.9685	0.0372	0.9654	0.8743
71.0	0.9716	0.9536	0.9944	0.9844	0.9724	0.0900	0.9705	0.8730
71.1	0.9647	0.9466	0.9935	0.9821	0.9600	0.1724	0.9714	0.8449
71.2	0.9619	0.9534	0.9943	0.9803	0.9637	0.2865	0.9669	0.7842
71.3	0.9712	0.9664	0.9950	0.9813	0.9674	0.5205	0.9682	0.8171
71.4	0.9736	0.9587	0.9943	0.9779	0.9639	0.6143	0.9627	0.7530
71.5	0.9794	0.9645	0.9953	0.9836	0.9741	0.7241	0.9745	0.7403
71.6	0.9752	0.9718	0.9946	0.9853	0.9711	0.8282	0.9730	0.7363
71.7	0.9804	0.9729	0.9937	0.9854	0.9773	0.8497	0.9726	0.7519
71.8	0.9790	0.9661	0.9930	0.9801	0.9697	0.8500	0.9707	0.7444
71.9	0.9773	0.9716	0.9932	0.9804	0.9690	0.8826	0.9714	0.6864
72.0	0.9607	0.9733	0.9909	0.9744	0.9493	0.8926	0.9649	0.6163
72.1	0.9457	0.9680	0.9889	0.9694	0.9374	0.8875	0.9618	0.7017
72.2	0.9666	0.9775	0.9915	0.9788	0.9599	0.9335	0.9741	0.7951
72.3	0.9692	0.9722	0.9919	0.9765	0.9651	0.9451	0.9696	0.8198
72.4	0.9728	0.9709	0.9938	0.9807	0.9726	0.9563	0.9682	0.8566
72.5	0.9585	0.9651	0.9922	0.9787	0.9583	0.9544	0.9666	0.8455
72.6	0.9409	0.9536	0.9910	0.9733	0.9438	0.9325	0.9547	0.8370
72.7	0.9477	0.9636	0.9916	0.9779	0.9532	0.9586	0.9637	0.8937
72.8	0.9509	0.9702	0.9911	0.9815	0.9542	0.9672	0.9701	0.9202
72.9	0.9343	0.9609	0.9883	0.9760	0.9352	0.9599	0.9618	0.9045
73.0	0.8964	0.9473	0.9836	0.9647	0.8956	0.9509	0.9460	0.8377
73.1	0.8951	0.9450	0.9843	0.9682	0.8983	0.9600	0.9475	0.8619
73.2	0.9124	0.9578	0.9902	0.9758	0.9223	0.9762	0.9605	0.9147
73.3	0.9125	0.9618	0.9899	0.9768	0.9262	0.9764	0.9644	0.9288
73.4	0.9080	0.9669	0.9899	0.9773	0.9200	0.9774	0.9661	0.9202
73.5	0.8647	0.9544	0.9877	0.9706	0.8821	0.9728	0.9557	0.8949
73.6	0.8340	0.9382	0.9830	0.9633	0.8610	0.9671	0.9448	0.8782
73.7	0.8362	0.9407	0.9812	0.9641	0.8504	0.9717	0.9467	0.8966
73.8	0.8758	0.9606	0.9867	0.9746	0.8874	0.9772	0.9614	0.9193
73.9	0.8699	0.9646	0.9871	0.9786	0.9024	0.9777	0.9622	0.9161
74.0	0.8728	0.9544	0.9882	0.9767	0.8827	0.9756	0.9552	0.9067
74.1	0.8389	0.9536	0.9868	0.9758	0.8517	0.9813	0.9550	0.9007
74.2	0.8333	0.9545	0.9872	0.9785	0.8529	0.9844	0.9615	0.9055
74.3	0.7205	0.9378	0.9835	0.9679	0.7570	0.9753	0.9440	0.8067
74.4	0.7233	0.9262	0.9842	0.9630	0.7584	0.9725	0.9266	0.8043
74.5	0.6639	0.9340	0.9800	0.9633	0.7314	0.9762	0.9332	0.7949
74.6	0.5622	0.9349	0.9794	0.9701	0.6866	0.9790	0.9388	0.7648
74.7	0.6088	0.9337	0.9794	0.9677	0.7107	0.9765	0.9301	0.8125
74.8	0.5905	0.9405	0.9804	0.9695	0.7164	0.9809	0.9400	0.8153
74.9	0.5966	0.9494	0.9828	0.9723	0.7162	0.9822	0.9529	0.7968
75.0	0.4775	0.9412	0.9810	0.9695	0.6902	0.9734	0.9373	0.7674
75.1	0.3532	0.9345	0.9773	0.9627	0.6359	0.9681	0.9334	0.7445
75.2	0.2212	0.9182	0.9781	0.9611	0.5209	0.9698	0.9206	0.6859
75.3	0.1547	0.9094	0.9791	0.9594	0.5002	0.9677	0.9105	0.6313
75.4	0.0447	0.9187	0.9821	0.9638	0.4497	0.9699	0.9201	0.4924
75.5	0.0214	0.9250	0.9804	0.9645	0.3864	0.9692	0.9251	0.3909
75.6	0.0565	0.9229	0.9748	0.9584	0.3435	0.9654	0.9204	0.3490
75.7	0.0326	0.9251	0.9720	0.9555	0.3241	0.9547	0.9155	0.2790
75.8	0.1339	0.9254	0.9779	0.9621	0.2407	0.9621	0.9211	0.1935
75.9	0.3048	0.9157	0.9843	0.9638	0.1770	0.9667	0.9062	0.2810
76.0	0.2764	0.8933	0.9854	0.9650	0.2785	0.9658	0.8988	0.3532
76.1	0.3933	0.8950	0.9830	0.9640	0.2049	0.9658	0.9005	0.3854
76.2	0.5127	0.9157	0.9829	0.9667	0.1498	0.9645	0.9145	0.3664
76.3	0.5284	0.9031	0.9853	0.9721	0.2025	0.9718	0.9123	0.3913
76.4	0.6061	0.8561	0.9826	0.9540	0.0726	0.9521	0.8801	0.4367
76.5	0.7069	0.8416	0.9808	0.9428	0.0166	0.9390	0.8635	0.5326
76.6	0.7162	0.8427	0.9826	0.9442	0.0320	0.9386	0.8593	0.6368
76.7	0.7096	0.8515	0.9824	0.9545	0.0598	0.9457	0.8600	0.6342

76.8	0.7401	0.7946	0.9769	0.9326	0.1402	0.9176	0.8243	0.6628
76.9	0.8035	0.8059	0.9772	0.9265	0.1265	0.9094	0.8233	0.7332
77.0	0.8402	0.8174	0.9781	0.9313	0.0596	0.9088	0.8303	0.7592
77.1	0.8506	0.8272	0.9767	0.9388	0.1038	0.9050	0.8453	0.7892
77.2	0.8648	0.7958	0.9804	0.9269	0.1774	0.8934	0.7889	0.8024
77.3	0.8939	0.7918	0.9847	0.9277	0.2764	0.8886	0.7841	0.8517
77.4	0.9184	0.8122	0.9873	0.9323	0.4069	0.8954	0.8063	0.8814
77.5	0.9156	0.8446	0.9878	0.9309	0.2832	0.8890	0.8342	0.8948
77.6	0.8615	0.8029	0.9835	0.9088	0.1818	0.8626	0.7397	0.8782
77.7	0.9117	0.8403	0.9855	0.9342	0.3753	0.8766	0.8133	0.9282
77.8	0.9200	0.8839	0.9907	0.9477	0.3710	0.8989	0.8421	0.9339
77.9	0.9224	0.8794	0.9904	0.9403	0.2826	0.8879	0.7900	0.9229
78.0	0.8891	0.8278	0.9850	0.9114	0.3325	0.8469	0.6146	0.9340
78.1	0.8952	0.8763	0.9892	0.9398	0.5291	0.8827	0.6652	0.9358
78.2	0.9138	0.8573	0.9907	0.9319	0.4824	0.8774	0.6391	0.9271
78.3	0.9264	0.8057	0.9891	0.9185	0.3042	0.8438	0.4937	0.9127
78.4	0.9212	0.8297	0.9898	0.9402	0.3467	0.8590	0.4714	0.9168
78.5	0.9146	0.8193	0.9874	0.9179	0.3738	0.8346	0.4162	0.9107
78.6	0.9333	0.8210	0.9886	0.9279	0.3416	0.8418	0.3884	0.9130
78.7	0.9387	0.8486	0.9863	0.9211	0.4017	0.8552	0.4258	0.9159
78.8	0.9428	0.8549	0.9877	0.9255	0.4554	0.8649	0.4662	0.9266
78.9	0.9567	0.8644	0.9901	0.9451	0.4571	0.8895	0.4608	0.9455
79.0	0.9467	0.8420	0.9853	0.9164	0.2401	0.8353	0.5011	0.9168
79.1	0.9388	0.8200	0.9795	0.9020	0.2387	0.8098	0.5523	0.8931
79.2	0.9218	0.8253	0.9818	0.8925	0.2433	0.7990	0.5700	0.8805
79.3	0.9520	0.8693	0.9903	0.9260	0.1547	0.8514	0.5762	0.9351
79.4	0.9722	0.8834	0.9930	0.9452	0.1554	0.8798	0.5704	0.9467
79.5	0.9612	0.8531	0.9905	0.9399	0.1889	0.8730	0.4443	0.9367
79.6	0.9482	0.8245	0.9881	0.9330	0.2813	0.8337	0.1415	0.9170
79.7	0.9589	0.8441	0.9924	0.9415	0.2824	0.8291	0.0578	0.9196
79.8	0.9527	0.7986	0.9918	0.9415	0.3165	0.7923	0.0191	0.9240
79.9	0.9446	0.7448	0.9867	0.9218	0.4217	0.7545	0.0564	0.9082
80.0	0.9433	0.8286	0.9885	0.9319	0.6195	0.8462	0.0682	0.9325

2.2.64 Run 6 – VT000 – Accels 25–32

Vertical shaking at 0°. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.5494	0.5417	0.5584	0.5438	0.2268	0.4107	0.3640	0.5495
0.1	0.1168	0.1209	0.1188	0.1179	0.0510	0.0766	0.0772	0.1011
0.2	0.0052	0.0892	0.0019	0.0060	0.0142	0.0181	0.0143	0.0357
0.3	0.0701	0.0650	0.0008	0.0065	0.0110	0.0172	0.0139	0.0023
0.4	0.0028	0.0062	0.0024	0.0045	0.0094	0.0045	0.0004	0.0087
0.5	0.0284	0.0096	0.0215	0.0015	0.0060	0.0353	0.0132	0.0148
0.6	0.0220	0.0013	0.0075	0.0363	0.0027	0.0611	0.0247	0.0250
0.7	0.0199	0.0205	0.0236	0.0120	0.0203	0.0127	0.0296	0.0234
0.8	0.0262	0.0072	0.1251	0.0579	0.0017	0.0033	0.0309	0.0407
0.9	0.1751	0.0390	0.3395	0.0007	0.0239	0.0009	0.0046	0.0281
1.0	0.2938	0.0609	0.4001	0.0294	0.0258	0.0137	0.0095	0.0177
1.1	0.2419	0.1078	0.3391	0.0185	0.0319	0.0181	0.0365	0.0159
1.2	0.3816	0.0634	0.4420	0.0442	0.0148	0.0060	0.0095	0.0595
1.3	0.5053	0.1626	0.5722	0.0262	0.0115	0.0041	0.0073	0.0550
1.4	0.4858	0.2035	0.5777	0.0706	0.0337	0.0504	0.0356	0.0574
1.5	0.6259	0.2797	0.4435	0.1056	0.0090	0.0188	0.0487	0.0783
1.6	0.6333	0.3338	0.1561	0.0178	0.0390	0.0288	0.0005	0.0007
1.7	0.7646	0.4919	0.5278	0.0064	0.0439	0.0969	0.0363	0.0447
1.8	0.7681	0.5737	0.6576	0.0000	0.0089	0.2071	0.0049	0.1590
1.9	0.7643	0.7003	0.5874	0.0026	0.0229	0.1549	0.0639	0.2843
2.0	0.8335	0.8222	0.5455	0.0062	0.0356	0.3515	0.1727	0.4662
2.1	0.8851	0.8675	0.6492	0.0083	0.0776	0.3996	0.1643	0.4325
2.2	0.8887	0.8831	0.3581	0.0331	0.1415	0.4883	0.3584	0.5021
2.3	0.8801	0.5503	0.2910	0.0255	0.1720	0.7390	0.3732	0.7467
2.4	0.8309	0.4988	0.4988	0.0146	0.1445	0.3499	0.4567	0.5221
2.5	0.8644	0.5227	0.4373	0.1169	0.0632	0.4250	0.4310	0.3842
2.6	0.9326	0.5753	0.4012	0.0326	0.0207	0.3531	0.1292	0.2331
2.7	0.9485	0.4759	0.4222	0.0728	0.0096	0.2613	0.0361	0.2684
2.8	0.9382	0.4064	0.3469	0.0891	0.0051	0.2768	0.0021	0.1911
2.9	0.9328	0.4994	0.2737	0.0679	0.0031	0.4798	0.0514	0.0781
3.0	0.9413	0.5638	0.2288	0.0642	0.0031	0.3805	0.0934	0.0780
3.1	0.9516	0.4937	0.1476	0.0885	0.0300	0.2207	0.1132	0.0590
3.2	0.9404	0.5154	0.1045	0.1758	0.0389	0.2743	0.1521	0.1159
3.3	0.9148	0.3536	0.1316	0.1402	0.0043	0.1672	0.1665	0.0786
3.4	0.9228	0.3710	0.2220	0.0751	0.0196	0.1976	0.1214	0.0355
3.5	0.9216	0.2471	0.2135	0.0084	0.0387	0.1364	0.0381	0.0811
3.6	0.8497	0.0357	0.0561	0.0319	0.0303	0.0942	0.0213	0.0470
3.7	0.9341	0.2556	0.2087	0.1026	0.0158	0.0094	0.0921	0.0593
3.8	0.9924	0.7588	0.5580	0.3937	0.1110	0.0973	0.6218	0.1074
3.9	0.9971	0.9355	0.7967	0.7296	0.4332	0.2851	0.8586	0.0279
4.0	0.9981	0.9571	0.8581	0.8478	0.5417	0.1097	0.8786	0.1446
4.1	0.9974	0.9419	0.7827	0.8095	0.4054	0.0557	0.8371	0.3094
4.2	0.9968	0.8607	0.6099	0.7121	0.3003	0.2757	0.7657	0.3624
4.3	0.9961	0.8247	0.5516	0.7024	0.2732	0.4762	0.7425	0.5069
4.4	0.9936	0.7599	0.4957	0.6304	0.1858	0.5620	0.5419	0.6393
4.5	0.9945	0.7432	0.3872	0.5531	0.1003	0.6170	0.4728	0.7145
4.6	0.9920	0.6253	0.1541	0.4685	0.0046	0.6628	0.2035	0.6365
4.7	0.9926	0.5522	0.2754	0.3843	0.0612	0.7609	0.3933	0.7687
4.8	0.9923	0.4264	0.1244	0.4043	0.1153	0.8005	0.7105	0.7867
4.9	0.9917	0.4681	0.1445	0.4086	0.1505	0.7005	0.7295	0.6684
5.0	0.9879	0.4616	0.1665	0.4404	0.4287	0.5732	0.7793	0.5253
5.1	0.9950	0.5984	0.3846	0.6619	0.5565	0.7454	0.8242	0.6970
5.2	0.9928	0.4775	0.3674	0.7046	0.5905	0.7562	0.8169	0.6951
5.3	0.9936	0.4373	0.2668	0.7042	0.6614	0.5034	0.8222	0.3574
5.4	0.9862	0.4153	0.0455	0.3801	0.5519	0.4576	0.7565	0.2483
5.5	0.9802	0.4670	0.0847	0.2619	0.4302	0.3492	0.5811	0.2649
5.6	0.9865	0.5845	0.1811	0.2689	0.4217	0.4791	0.5645	0.4677
5.7	0.9931	0.7453	0.2983	0.5202	0.5680	0.5525	0.7356	0.5325
5.8	0.9978	0.8009	0.2127	0.7560	0.6905	0.7688	0.7980	0.7516
5.9	0.9979	0.7443	0.4247	0.8927	0.7300	0.7714	0.7311	0.7459
6.0	0.9977	0.7774	0.4475	0.9524	0.5825	0.7820	0.5528	0.7586
6.1	0.9978	0.8207	0.5854	0.9570	0.7570	0.8906	0.6568	0.8771
6.2	0.9972	0.5908	0.7285	0.9743	0.9189	0.8645	0.9001	0.8599
6.3	0.9980	0.5265	0.8838	0.9844	0.9652	0.9489	0.9685	0.9516
6.4	0.9979	0.6871	0.8807	0.9874	0.9705	0.9792	0.9575	0.9815
6.5	0.9971	0.8257	0.8248	0.9864	0.9701	0.9372	0.9624	0.9550
6.6	0.9966	0.9018	0.8384	0.9889	0.9843	0.8444	0.9799	0.9415
6.7	0.9948	0.9122	0.7909	0.9865	0.9804	0.7456	0.9778	0.9589
6.8	0.9902	0.9127	0.7508	0.9809	0.9835	0.4028	0.9838	0.9487
6.9	0.9812	0.8989	0.7663	0.9790	0.9736	0.5416	0.9848	0.8494
7.0	0.9658	0.8806	0.8202	0.9735	0.9283	0.6970	0.9303	0.8210
7.1	0.9394	0.8586	0.8355	0.9575	0.8768	0.5574	0.8581	0.7341
7.2	0.9124	0.8761	0.6458	0.9070	0.8401	0.4183	0.7967	0.6363
7.3	0.9403	0.9472	0.6584	0.8918	0.9314	0.5183	0.7983	0.6436
7.4	0.9250	0.9574	0.7503	0.9571	0.9809	0.6504	0.8555	0.6735
7.5	0.8953	0.9758	0.6750	0.9717	0.9767	0.7085	0.9185	0.5760
7.6	0.9139	0.9881	0.5064	0.9807	0.9797	0.7767	0.9830	0.4930
7.7	0.9655	0.9965	0.4637	0.9870	0.9890	0.8652	0.9902	0.6581
7.8	0.9827	0.9982	0.3016	0.9885	0.9921	0.9249	0.9867	0.7580
7.9	0.9916	0.9973	0.2032	0.9890	0.9915	0.9147	0.9904	0.5665

8.0	0.9921	0.9965	0.1256	0.9894	0.9909	0.8610	0.9902	0.4189
8.1	0.9945	0.9975	0.3202	0.9920	0.9905	0.8804	0.9908	0.0947
8.2	0.9922	0.9949	0.1648	0.9892	0.9850	0.9298	0.9832	0.3297
8.3	0.9960	0.9967	0.3313	0.9928	0.9900	0.9450	0.9903	0.7084
8.4	0.9951	0.9972	0.3783	0.9923	0.9871	0.9574	0.9862	0.8413
8.5	0.9942	0.9969	0.4310	0.9933	0.9906	0.9346	0.9894	0.8641
8.6	0.9940	0.9971	0.4260	0.9929	0.9927	0.9397	0.9938	0.9170
8.7	0.9904	0.9944	0.4338	0.9893	0.9856	0.7872	0.9842	0.8325
8.8	0.9902	0.9927	0.4936	0.9888	0.9814	0.5287	0.9808	0.6157
8.9	0.9849	0.9890	0.6183	0.9833	0.9864	0.7637	0.9766	0.3657
9.0	0.9796	0.9829	0.2763	0.9741	0.9825	0.5159	0.9579	0.5869
9.1	0.9751	0.9809	0.1580	0.9742	0.9815	0.4602	0.9778	0.7617
9.2	0.9391	0.9473	0.4974	0.9344	0.9418	0.5860	0.9400	0.9180
9.3	0.9608	0.9621	0.7426	0.9592	0.9562	0.8014	0.9557	0.9479
9.4	0.9255	0.9221	0.7350	0.9240	0.9143	0.5982	0.9127	0.8002
9.5	0.9651	0.9587	0.8106	0.9641	0.9507	0.7406	0.9481	0.8161
9.6	0.9687	0.9599	0.8448	0.9679	0.9495	0.8049	0.9484	0.8802
9.7	0.9878	0.9820	0.9152	0.9877	0.9750	0.9172	0.9727	0.9253
9.8	0.9878	0.9802	0.9266	0.9887	0.9747	0.9013	0.9714	0.9053
9.9	0.9895	0.9794	0.8220	0.9905	0.9775	0.8018	0.9751	0.8043
10.0	0.9927	0.9828	0.5534	0.9929	0.9782	0.5940	0.9764	0.6963
10.1	0.9930	0.9805	0.7255	0.9935	0.9811	0.7529	0.9794	0.8534
10.2	0.9960	0.9873	0.8441	0.9953	0.9849	0.8462	0.9882	0.8388
10.3	0.9988	0.9942	0.8364	0.9981	0.9896	0.8732	0.9899	0.7978
10.4	0.9997	0.9963	0.8541	0.9987	0.9886	0.8869	0.9888	0.6554
10.5	0.9993	0.9946	0.8804	0.9984	0.9855	0.9351	0.9885	0.6494
10.6	0.9987	0.9925	0.8901	0.9979	0.9882	0.9467	0.9876	0.6914
10.7	0.9987	0.9912	0.9136	0.9981	0.9886	0.9354	0.9901	0.6113
10.8	0.9980	0.9860	0.8861	0.9978	0.9908	0.9228	0.9942	0.3187
10.9	0.9988	0.9843	0.8989	0.9982	0.9905	0.9273	0.9947	0.1903
11.0	0.9991	0.9825	0.9245	0.9986	0.9938	0.9258	0.9953	0.3948
11.1	0.9991	0.9789	0.9054	0.9983	0.9914	0.9158	0.9927	0.2995
11.2	0.9993	0.9757	0.9061	0.9980	0.9865	0.9131	0.9928	0.3990
11.3	0.9994	0.9701	0.9086	0.9979	0.9808	0.8869	0.9919	0.3959
11.4	0.9995	0.9532	0.9184	0.9979	0.9869	0.8848	0.9940	0.2737
11.5	0.9994	0.9334	0.9321	0.9983	0.9861	0.8948	0.9935	0.4103
11.6	0.9991	0.8829	0.9234	0.9985	0.9880	0.9075	0.9904	0.3236
11.7	0.9993	0.9047	0.9268	0.9983	0.9875	0.8960	0.9936	0.2878
11.8	0.9986	0.8641	0.8571	0.9972	0.9850	0.8491	0.9920	0.2334
11.9	0.9993	0.9578	0.9242	0.9981	0.9896	0.8647	0.9935	0.4069
12.0	0.9990	0.9502	0.9152	0.9984	0.9899	0.8336	0.9932	0.4820
12.1	0.9992	0.9713	0.8965	0.9978	0.9886	0.8418	0.9946	0.5294
12.2	0.9991	0.9774	0.8947	0.9979	0.9898	0.8314	0.9951	0.7282
12.3	0.9991	0.9849	0.8587	0.9986	0.9918	0.8723	0.9961	0.7841
12.4	0.9990	0.9851	0.8058	0.9976	0.9894	0.9139	0.9940	0.8205
12.5	0.9991	0.9860	0.5711	0.9970	0.9883	0.9286	0.9926	0.8477
12.6	0.9994	0.9892	0.1239	0.9978	0.9893	0.9568	0.9947	0.8858
12.7	0.9995	0.9922	0.3916	0.9983	0.9914	0.9680	0.9945	0.9356
12.8	0.9994	0.9916	0.6927	0.9979	0.9889	0.9635	0.9934	0.9331
12.9	0.9991	0.9895	0.8036	0.9967	0.9879	0.9558	0.9892	0.9195
13.0	0.9992	0.9901	0.8730	0.9969	0.9783	0.9607	0.9877	0.9420
13.1	0.9989	0.9896	0.9284	0.9968	0.9754	0.9724	0.9854	0.9475
13.2	0.9988	0.9900	0.9634	0.9970	0.9834	0.9798	0.9848	0.9645
13.3	0.9977	0.9904	0.9619	0.9966	0.9827	0.9820	0.9718	0.9673
13.4	0.9981	0.9931	0.9764	0.9975	0.9864	0.9691	0.9830	0.9528
13.5	0.9964	0.9880	0.9754	0.9960	0.9721	0.9670	0.9733	0.9549
13.6	0.9962	0.9912	0.9741	0.9962	0.9771	0.9760	0.9777	0.9676
13.7	0.9962	0.9912	0.9721	0.9957	0.9768	0.9773	0.9749	0.9695
13.8	0.9974	0.9925	0.9778	0.9947	0.9721	0.9831	0.9655	0.9763
13.9	0.9964	0.9900	0.9766	0.9911	0.9660	0.9731	0.9349	0.9701
14.0	0.9966	0.9907	0.9885	0.9906	0.9715	0.9701	0.9473	0.9689
14.1	0.9972	0.9915	0.9900	0.9891	0.9746	0.9719	0.9628	0.9722
14.2	0.9975	0.9871	0.9907	0.9867	0.9749	0.9719	0.9639	0.9804
14.3	0.9980	0.9835	0.9881	0.9812	0.9761	0.9761	0.9477	0.9796
14.4	0.9977	0.9821	0.9903	0.9803	0.9756	0.9801	0.9474	0.9822
14.5	0.9933	0.9763	0.9781	0.9768	0.9671	0.9714	0.9522	0.9782
14.6	0.9854	0.9725	0.9744	0.9714	0.9625	0.9657	0.9442	0.9673
14.7	0.9848	0.9834	0.9785	0.9795	0.9711	0.9635	0.9516	0.9690
14.8	0.9888	0.9842	0.9782	0.9802	0.9786	0.9721	0.9358	0.9795
14.9	0.9913	0.9860	0.9714	0.9811	0.9809	0.9609	0.9529	0.9730
15.0	0.9958	0.9931	0.9729	0.9910	0.9897	0.9754	0.9821	0.9789
15.1	0.9949	0.9890	0.9594	0.9878	0.9874	0.9726	0.9779	0.9778
15.2	0.9962	0.9888	0.9662	0.9893	0.9840	0.9566	0.9801	0.9626
15.3	0.9975	0.9865	0.9627	0.9891	0.9829	0.9517	0.9763	0.9525
15.4	0.9981	0.9922	0.9716	0.9940	0.9858	0.9438	0.9854	0.9503
15.5	0.9969	0.9914	0.9641	0.9930	0.9786	0.9248	0.9831	0.9365
15.6	0.9936	0.9887	0.9468	0.9917	0.9756	0.9284	0.9739	0.9336
15.7	0.9933	0.9914	0.9617	0.9937	0.9822	0.9596	0.9754	0.9623
15.8	0.9926	0.9900	0.9603	0.9929	0.9757	0.9422	0.9869	0.9468
15.9	0.9927	0.9926	0.9748	0.9947	0.9819	0.9573	0.9852	0.9600
16.0	0.9862	0.9906	0.9617	0.9903	0.9620	0.9401	0.9610	0.9396
16.1	0.9905	0.9912	0.9696	0.9920	0.9732	0.9599	0.9712	0.9568
16.2	0.9939	0.9899	0.9711	0.9912	0.9717	0.9609	0.9684	0.9535
16.3	0.9904	0.9844	0.9568	0.9843	0.9562	0.9519	0.9507	0.9455
16.4	0.9903	0.9865	0.9557	0.9858	0.9562	0.9670	0.9671	0.9602
16.5	0.9906	0.9774	0.9612	0.9732	0.9402	0.9341	0.9460	0.9258

16.6	0.9804	0.9799	0.9346	0.9692	0.8968	0.8895	0.9076	0.8777
16.7	0.9801	0.9931	0.9454	0.9770	0.9091	0.9057	0.9186	0.8877
16.8	0.9765	0.9893	0.8943	0.9882	0.8883	0.8938	0.8620	0.8657
16.9	0.9833	0.9864	0.9078	0.9935	0.8865	0.9463	0.8534	0.8964
17.0	0.9859	0.9741	0.8815	0.9790	0.6841	0.8894	0.6349	0.8895
17.1	0.9873	0.9871	0.8829	0.9720	0.8043	0.7899	0.6625	0.8030
17.2	0.9747	0.9888	0.8568	0.9896	0.8221	0.7682	0.6796	0.7346
17.3	0.9921	0.9868	0.8589	0.9920	0.8852	0.8928	0.5931	0.7748
17.4	0.9944	0.9860	0.8933	0.9867	0.9747	0.9090	0.9061	0.2504
17.5	0.9954	0.9872	0.9298	0.9805	0.9625	0.9238	0.9282	0.5077
17.6	0.9917	0.9893	0.9421	0.9819	0.9681	0.9356	0.9552	0.6055
17.7	0.9909	0.9933	0.9497	0.9876	0.9797	0.9732	0.9844	0.5258
17.8	0.9906	0.9935	0.9598	0.9869	0.9761	0.9671	0.9801	0.6643
17.9	0.9906	0.9939	0.9643	0.9858	0.9711	0.9536	0.9699	0.8010
18.0	0.9933	0.9968	0.9661	0.9928	0.9746	0.9465	0.9760	0.8459
18.1	0.9883	0.9937	0.9612	0.9848	0.9652	0.9346	0.9586	0.8293
18.2	0.9888	0.9954	0.9530	0.9866	0.9686	0.9422	0.9587	0.8409
18.3	0.9893	0.9956	0.9580	0.9881	0.9743	0.9361	0.9562	0.7635
18.4	0.9798	0.9953	0.9525	0.9858	0.9756	0.9240	0.9450	0.6338
18.5	0.9395	0.9931	0.9427	0.9476	0.9607	0.8732	0.9332	0.4062
18.6	0.8614	0.9955	0.9418	0.8840	0.9063	0.6483	0.9524	0.6076
18.7	0.9539	0.9975	0.9075	0.9602	0.9028	0.4750	0.9383	0.7687
18.8	0.9793	0.9970	0.9031	0.9814	0.9064	0.7522	0.9334	0.7934
18.9	0.9829	0.9967	0.9074	0.9870	0.9280	0.8324	0.9396	0.7781
19.0	0.9864	0.9968	0.8797	0.9836	0.9340	0.8633	0.9435	0.7993
19.1	0.9796	0.9959	0.8002	0.9786	0.9143	0.8232	0.8686	0.6934
19.2	0.9752	0.9959	0.7924	0.9840	0.9284	0.7920	0.8389	0.5169
19.3	0.9757	0.9955	0.7243	0.9816	0.8925	0.7411	0.8584	0.3715
19.4	0.9753	0.9951	0.7725	0.9761	0.9226	0.7880	0.8697	0.4603
19.5	0.9797	0.9951	0.6557	0.9766	0.9194	0.7635	0.8668	0.4138
19.6	0.9831	0.9960	0.6625	0.9847	0.9452	0.8006	0.9098	0.3752
19.7	0.9764	0.9955	0.6350	0.9782	0.9435	0.8015	0.8560	0.3557
19.8	0.9775	0.9927	0.5525	0.9710	0.9447	0.8113	0.8436	0.3859
19.9	0.9789	0.9943	0.5944	0.9688	0.9577	0.7724	0.9060	0.2717
20.0	0.9713	0.9946	0.5863	0.9647	0.9476	0.6628	0.8917	0.1222
20.1	0.9800	0.9949	0.6571	0.9774	0.9515	0.7107	0.8976	0.0899
20.2	0.9832	0.9955	0.7156	0.9783	0.9651	0.7557	0.9127	0.1365
20.3	0.9811	0.9956	0.6089	0.9752	0.9572	0.6337	0.9216	0.0608
20.4	0.9847	0.9965	0.6606	0.9840	0.9646	0.7447	0.9369	0.1497
20.5	0.9777	0.9970	0.6872	0.9790	0.9672	0.8129	0.9376	0.2928
20.6	0.9583	0.9969	0.4903	0.9768	0.9522	0.7285	0.9179	0.1380
20.7	0.9621	0.9972	0.4051	0.9710	0.9400	0.6724	0.9119	0.1455
20.8	0.9447	0.9970	0.4427	0.9665	0.9257	0.7319	0.8886	0.0770
20.9	0.9073	0.9976	0.5709	0.9671	0.9105	0.6741	0.8660	0.1049
21.0	0.8634	0.9979	0.6379	0.9758	0.9016	0.7180	0.8682	0.1215
21.1	0.7976	0.9988	0.6762	0.9813	0.8890	0.7626	0.8975	0.1015
21.2	0.5772	0.9983	0.6617	0.9664	0.8818	0.7752	0.8645	0.1485
21.3	0.7223	0.9984	0.6067	0.9582	0.8493	0.7873	0.8345	0.2263
21.4	0.8727	0.9987	0.5439	0.9469	0.7917	0.8131	0.8021	0.2738
21.5	0.9180	0.9988	0.6372	0.9451	0.8366	0.8737	0.8373	0.4348
21.6	0.9568	0.9990	0.6484	0.9453	0.8154	0.8349	0.8420	0.2922
21.7	0.9427	0.9982	0.6084	0.9087	0.7153	0.7675	0.8130	0.3856
21.8	0.9583	0.9981	0.6261	0.8891	0.6680	0.6608	0.7434	0.2865
21.9	0.9726	0.9983	0.5604	0.8670	0.4701	0.5116	0.6858	0.2120
22.0	0.9814	0.9982	0.5950	0.8340	0.3517	0.3783	0.5897	0.0761
22.1	0.9864	0.9986	0.6017	0.8272	0.3617	0.4503	0.5913	0.0628
22.2	0.9913	0.9990	0.6183	0.8429	0.1885	0.6109	0.5876	0.3057
22.3	0.9918	0.9989	0.7169	0.7664	0.2548	0.7162	0.6794	0.4579
22.4	0.9912	0.9987	0.6293	0.7421	0.5561	0.7298	0.7420	0.4449
22.5	0.9953	0.9989	0.5830	0.7326	0.5429	0.7462	0.7816	0.4622
22.6	0.9931	0.9988	0.4578	0.7255	0.5523	0.6075	0.7080	0.2472
22.7	0.9949	0.9993	0.4769	0.8217	0.7652	0.4991	0.8491	0.1785
22.8	0.9956	0.9988	0.4436	0.7905	0.7447	0.4396	0.8460	0.2512
22.9	0.9957	0.9987	0.5094	0.7979	0.7062	0.6092	0.8461	0.5329
23.0	0.9968	0.9988	0.6145	0.8172	0.7139	0.6545	0.8015	0.6425
23.1	0.9972	0.9989	0.7723	0.8460	0.7165	0.7442	0.8295	0.7412
23.2	0.9974	0.9987	0.8052	0.8450	0.7352	0.6023	0.7571	0.6619
23.3	0.9966	0.9991	0.8726	0.8502	0.7931	0.5179	0.7939	0.6700
23.4	0.9958	0.9994	0.9089	0.8937	0.8025	0.5477	0.8628	0.6998
23.5	0.9937	0.9990	0.8768	0.8846	0.7754	0.4372	0.8460	0.5293
23.6	0.9858	0.9983	0.8432	0.8356	0.5610	0.2111	0.7416	0.2643
23.7	0.9832	0.9980	0.8403	0.7986	0.4897	0.1941	0.7616	0.0928
23.8	0.9868	0.9981	0.8953	0.8120	0.5955	0.4490	0.8005	0.1850
23.9	0.9815	0.9981	0.8905	0.8188	0.5327	0.3408	0.8273	0.0621
24.0	0.9834	0.9983	0.8977	0.8512	0.5410	0.4074	0.8982	0.0161
24.1	0.9737	0.9978	0.8929	0.7950	0.3300	0.3255	0.8683	0.0584
24.2	0.9756	0.9979	0.9135	0.8147	0.3455	0.4140	0.8634	0.0589
24.3	0.9814	0.9984	0.9272	0.8660	0.3189	0.5363	0.8942	0.0750
24.4	0.9834	0.9987	0.9387	0.8755	0.2153	0.6318	0.9156	0.0385
24.5	0.9869	0.9985	0.9299	0.8730	0.3672	0.5553	0.8754	0.0288
24.6	0.9879	0.9982	0.9386	0.8878	0.3468	0.5355	0.8031	0.0413
24.7	0.9920	0.9983	0.9299	0.9380	0.3789	0.7606	0.8637	0.0796
24.8	0.9958	0.9988	0.9419	0.9558	0.2594	0.8581	0.9418	0.2419
24.9	0.9965	0.9990	0.9323	0.9632	0.2779	0.9021	0.9713	0.4309
25.0	0.9951	0.9982	0.9223	0.9564	0.3427	0.8826	0.9714	0.5782
25.1	0.9937	0.9981	0.9288	0.9538	0.4387	0.8869	0.9719	0.7589

25.2	0.9948	0.9987	0.9188	0.9672	0.6658	0.9112	0.9787	0.8352
25.3	0.9945	0.9985	0.9180	0.9660	0.7336	0.8818	0.9764	0.8114
25.4	0.9925	0.9984	0.9447	0.9696	0.7026	0.9225	0.9757	0.8380
25.5	0.9899	0.9983	0.9422	0.9620	0.3290	0.9029	0.9729	0.8492
25.6	0.9859	0.9985	0.9455	0.9604	0.1965	0.9019	0.9668	0.8555
25.7	0.9837	0.9988	0.9527	0.9635	0.4673	0.8890	0.9645	0.8427
25.8	0.9904	0.9990	0.9496	0.9731	0.6986	0.8885	0.9635	0.8857
25.9	0.9930	0.9992	0.9581	0.9720	0.7353	0.9311	0.9756	0.9206
26.0	0.9917	0.9989	0.9564	0.9700	0.5889	0.9255	0.9679	0.9379
26.1	0.9915	0.9990	0.9585	0.9641	0.4666	0.9142	0.9542	0.9256
26.2	0.9928	0.9988	0.9725	0.9603	0.5393	0.8883	0.9598	0.9254
26.3	0.9906	0.9986	0.9575	0.9509	0.4900	0.8472	0.9579	0.9176
26.4	0.9898	0.9985	0.9427	0.9540	0.4358	0.8218	0.9590	0.8985
26.5	0.9938	0.9986	0.9470	0.9456	0.5563	0.8789	0.9644	0.9123
26.6	0.9934	0.9983	0.9093	0.9008	0.1804	0.8164	0.9447	0.9182
26.7	0.9924	0.9986	0.9183	0.8923	0.0364	0.7905	0.9467	0.8853
26.8	0.9895	0.9985	0.8942	0.8483	0.1718	0.7566	0.9376	0.7823
26.9	0.9919	0.9987	0.8059	0.8906	0.5162	0.7996	0.9570	0.8755
27.0	0.9914	0.9985	0.7477	0.9201	0.5253	0.8335	0.9473	0.9121
27.1	0.9924	0.9987	0.7152	0.9418	0.6184	0.8409	0.9487	0.9338
27.2	0.9927	0.9986	0.6198	0.9398	0.7562	0.7958	0.9555	0.9293
27.3	0.9935	0.9988	0.4527	0.9546	0.8089	0.7610	0.9567	0.9493
27.4	0.9958	0.9991	0.4752	0.9628	0.8612	0.7277	0.9650	0.9714
27.5	0.9971	0.9992	0.5556	0.9692	0.8840	0.7194	0.9717	0.9681
27.6	0.9955	0.9992	0.7259	0.9665	0.9197	0.7234	0.9722	0.9724
27.7	0.9938	0.9990	0.8401	0.9724	0.9428	0.6979	0.9690	0.9745
27.8	0.9955	0.9994	0.9264	0.9792	0.9548	0.7963	0.9769	0.9859
27.9	0.9942	0.9993	0.9516	0.9804	0.9610	0.7540	0.9795	0.9834
28.0	0.9891	0.9993	0.9615	0.9767	0.9708	0.7005	0.9767	0.9843
28.1	0.9792	0.9989	0.9698	0.9819	0.9791	0.7532	0.9759	0.9870
28.2	0.9778	0.9983	0.9657	0.9796	0.9753	0.8379	0.9733	0.9833
28.3	0.9848	0.9977	0.9494	0.9809	0.9601	0.7641	0.9664	0.9749
28.4	0.9941	0.9993	0.9747	0.9881	0.9783	0.7976	0.9719	0.9836
28.5	0.9959	0.9994	0.9788	0.9893	0.9821	0.8782	0.9755	0.9875
28.6	0.9968	0.9993	0.9744	0.9887	0.9869	0.9098	0.9729	0.9885
28.7	0.9962	0.9991	0.9751	0.9891	0.9822	0.9278	0.9680	0.9865
28.8	0.9963	0.9993	0.9790	0.9924	0.9878	0.9475	0.9744	0.9873
28.9	0.9965	0.9993	0.9709	0.9901	0.9811	0.9474	0.9645	0.9768
29.0	0.9968	0.9991	0.9632	0.9892	0.9708	0.9569	0.9545	0.9826
29.1	0.9969	0.9991	0.9678	0.9893	0.9690	0.9566	0.9560	0.9812
29.2	0.9976	0.9994	0.9709	0.9928	0.9857	0.9701	0.9744	0.9883
29.3	0.9971	0.9992	0.9683	0.9925	0.9869	0.9769	0.9722	0.9890
29.4	0.9974	0.9992	0.9700	0.9924	0.9840	0.9736	0.9615	0.9849
29.5	0.9966	0.9989	0.9569	0.9913	0.9816	0.9754	0.9465	0.9788
29.6	0.9976	0.9991	0.9596	0.9934	0.9884	0.9847	0.9704	0.9850
29.7	0.9961	0.9989	0.9631	0.9911	0.9869	0.9820	0.9715	0.9842
29.8	0.9949	0.9985	0.9543	0.9906	0.9815	0.9850	0.9622	0.9837
29.9	0.9736	0.9970	0.8909	0.9605	0.9191	0.9843	0.8536	0.9428
30.0	0.9809	0.9977	0.9194	0.9743	0.9374	0.9818	0.8626	0.9309
30.1	0.9961	0.9991	0.9517	0.9946	0.9864	0.9831	0.9673	0.9737
30.2	0.9956	0.9990	0.9401	0.9949	0.9847	0.9835	0.9550	0.9711
30.3	0.9952	0.9988	0.8954	0.9950	0.9874	0.9839	0.9573	0.9687
30.4	0.9934	0.9987	0.8915	0.9943	0.9847	0.9818	0.9387	0.9606
30.5	0.9927	0.9987	0.9195	0.9941	0.9829	0.9819	0.9500	0.9575
30.6	0.9944	0.9986	0.9087	0.9926	0.9828	0.9855	0.9441	0.9295
30.7	0.9916	0.9983	0.8759	0.9951	0.9800	0.9854	0.9377	0.9207
30.8	0.9931	0.9984	0.8651	0.9946	0.9784	0.9860	0.9115	0.9018
30.9	0.9945	0.9986	0.8627	0.9956	0.9787	0.9890	0.9201	0.8645
31.0	0.9937	0.9986	0.8183	0.9952	0.9768	0.9889	0.8613	0.7389
31.1	0.9932	0.9985	0.7648	0.9950	0.9603	0.9891	0.8482	0.6923
31.2	0.9890	0.9981	0.7180	0.9932	0.9521	0.9917	0.8524	0.7686
31.3	0.9850	0.9979	0.7661	0.9928	0.9522	0.9911	0.8933	0.7260
31.4	0.9901	0.9983	0.7989	0.9940	0.9595	0.9919	0.9166	0.6442
31.5	0.9905	0.9987	0.7941	0.9932	0.9596	0.9923	0.9184	0.7158
31.6	0.9864	0.9985	0.7494	0.9933	0.9467	0.9920	0.9034	0.7934
31.7	0.9840	0.9981	0.7780	0.9907	0.9150	0.9932	0.9038	0.8530
31.8	0.9789	0.9976	0.7184	0.9885	0.8683	0.9867	0.8941	0.8404
31.9	0.9826	0.9983	0.8005	0.9916	0.9108	0.9878	0.9154	0.8852
32.0	0.9790	0.9983	0.8146	0.9919	0.9390	0.9888	0.9229	0.9188
32.1	0.9670	0.9978	0.7805	0.9892	0.9009	0.9872	0.9045	0.9321
32.2	0.9593	0.9974	0.7828	0.9861	0.8542	0.9853	0.8508	0.9302
32.3	0.9633	0.9965	0.7889	0.9823	0.8637	0.9853	0.7518	0.9211
32.4	0.9699	0.9975	0.7932	0.9893	0.8944	0.9891	0.7430	0.9404
32.5	0.9614	0.9978	0.8281	0.9898	0.9040	0.9886	0.7101	0.9497
32.6	0.9547	0.9978	0.8510	0.9896	0.9181	0.9867	0.6673	0.9340
32.7	0.9463	0.9973	0.8370	0.9885	0.9289	0.9838	0.6883	0.9285
32.8	0.9453	0.9971	0.8320	0.9858	0.9433	0.9862	0.7886	0.9526
32.9	0.9431	0.9973	0.8801	0.9865	0.9392	0.9826	0.8224	0.9477
33.0	0.9362	0.9974	0.9066	0.9849	0.9495	0.9802	0.8934	0.9174
33.1	0.8950	0.9969	0.8916	0.9783	0.9425	0.9777	0.8499	0.9058
33.2	0.8068	0.9953	0.8203	0.9682	0.9142	0.9720	0.7721	0.8778
33.3	0.7400	0.9952	0.7909	0.9656	0.9078	0.9754	0.6971	0.8746
33.4	0.7308	0.9966	0.7528	0.9744	0.9110	0.9797	0.6438	0.9060
33.5	0.6847	0.9967	0.7217	0.9763	0.8930	0.9819	0.5224	0.9246
33.6	0.4747	0.9945	0.6239	0.9619	0.8295	0.9783	0.3014	0.8763
33.7	0.4151	0.9943	0.6194	0.9595	0.7662	0.9728	0.2916	0.8606

33.8	0.4888	0.9953	0.7115	0.9709	0.7828	0.9683	0.4411	0.8619
33.9	0.4366	0.9938	0.6161	0.9585	0.7094	0.9614	0.3018	0.8532
34.0	0.6387	0.9944	0.6147	0.9555	0.8384	0.9631	0.3016	0.8531
34.1	0.7225	0.9956	0.7263	0.9644	0.8921	0.9661	0.3959	0.8796
34.2	0.7099	0.9953	0.7542	0.9682	0.8994	0.9642	0.3529	0.8869
34.3	0.7677	0.9956	0.8290	0.9755	0.9075	0.9640	0.3349	0.8853
34.4	0.7798	0.9955	0.8242	0.9691	0.9193	0.9638	0.1148	0.8697
34.5	0.7734	0.9948	0.8044	0.9590	0.9001	0.9520	0.1451	0.8642
34.6	0.7676	0.9953	0.8139	0.9476	0.9152	0.9496	0.2329	0.8705
34.7	0.7928	0.9949	0.8191	0.9423	0.9219	0.9528	0.2298	0.8867
34.8	0.8555	0.9941	0.8225	0.9377	0.9221	0.9548	0.2016	0.8895
34.9	0.9090	0.9955	0.8963	0.9573	0.9445	0.9686	0.2718	0.9200
35.0	0.9389	0.9961	0.9052	0.9571	0.9563	0.9744	0.2993	0.9385
35.1	0.9383	0.9956	0.9036	0.9552	0.9503	0.9695	0.3473	0.9450
35.2	0.9382	0.9963	0.9101	0.9638	0.9568	0.9738	0.3515	0.9550
35.3	0.9243	0.9960	0.8903	0.9700	0.9563	0.9668	0.2896	0.9456
35.4	0.9405	0.9972	0.9294	0.9793	0.9681	0.9716	0.5361	0.9632
35.5	0.9499	0.9973	0.9488	0.9795	0.9671	0.9729	0.6477	0.9691
35.6	0.9495	0.9974	0.9537	0.9790	0.9634	0.9775	0.7650	0.9749
35.7	0.9384	0.9973	0.9559	0.9801	0.9591	0.9796	0.8222	0.9781
35.8	0.9516	0.9979	0.9625	0.9814	0.9655	0.9833	0.8923	0.9802
35.9	0.9604	0.9983	0.9674	0.9790	0.9735	0.9869	0.9322	0.9837
36.0	0.9561	0.9973	0.9725	0.9659	0.9594	0.9838	0.9542	0.9786
36.1	0.9604	0.9970	0.9798	0.9660	0.9629	0.9845	0.9613	0.9825
36.2	0.9655	0.9980	0.9816	0.9750	0.9761	0.9899	0.9745	0.9878
36.3	0.9549	0.9979	0.9760	0.9666	0.9677	0.9862	0.9631	0.9815
36.4	0.9582	0.9974	0.9817	0.9461	0.9707	0.9851	0.9755	0.9857
36.5	0.9516	0.9972	0.9850	0.9467	0.9695	0.9881	0.9769	0.9846
36.6	0.9478	0.9968	0.9811	0.9475	0.9730	0.9862	0.9798	0.9875
36.7	0.9516	0.9967	0.9815	0.9501	0.9796	0.9894	0.9858	0.9896
36.8	0.9423	0.9966	0.9806	0.9530	0.9740	0.9879	0.9852	0.9885
36.9	0.9546	0.9981	0.9857	0.9732	0.9778	0.9832	0.9901	0.9904
37.0	0.9498	0.9978	0.9865	0.9682	0.9820	0.9851	0.9932	0.9933
37.1	0.9455	0.9961	0.9852	0.9532	0.9790	0.9900	0.9937	0.9922
37.2	0.9512	0.9960	0.9861	0.9523	0.9811	0.9939	0.9931	0.9899
37.3	0.9315	0.9961	0.9784	0.9544	0.9668	0.9942	0.9917	0.9877
37.4	0.9433	0.9964	0.9823	0.9657	0.9653	0.9940	0.9929	0.9909
37.5	0.9577	0.9969	0.9830	0.9712	0.9658	0.9941	0.9936	0.9915
37.6	0.9639	0.9968	0.9856	0.9643	0.9737	0.9958	0.9933	0.9933
37.7	0.9622	0.9957	0.9844	0.9624	0.9722	0.9950	0.9925	0.9914
37.8	0.9633	0.9968	0.9813	0.9658	0.9708	0.9942	0.9939	0.9884
37.9	0.9558	0.9938	0.9749	0.9397	0.9664	0.9921	0.9872	0.9835
38.0	0.9667	0.9945	0.9639	0.9413	0.9538	0.9908	0.9904	0.9854
38.1	0.9743	0.9965	0.9624	0.9608	0.9483	0.9902	0.9951	0.9878
38.2	0.9751	0.9963	0.9597	0.9506	0.9501	0.9926	0.9936	0.9896
38.3	0.9837	0.9965	0.9701	0.9447	0.9584	0.9952	0.9953	0.9907
38.4	0.9737	0.9958	0.9439	0.9274	0.9496	0.9937	0.9914	0.9903
38.5	0.9709	0.9959	0.9259	0.8859	0.9512	0.9937	0.9891	0.9870
38.6	0.9818	0.9971	0.9477	0.8890	0.9579	0.9951	0.9934	0.9905
38.7	0.9786	0.9959	0.8974	0.8217	0.9454	0.9955	0.9913	0.9879
38.8	0.9823	0.9953	0.8752	0.7960	0.9538	0.9944	0.9920	0.9870
38.9	0.9807	0.9958	0.8331	0.7538	0.9663	0.9946	0.9903	0.9846
39.0	0.9874	0.9965	0.8401	0.7768	0.9676	0.9962	0.9914	0.9888
39.1	0.9886	0.9970	0.7967	0.7986	0.9654	0.9973	0.9924	0.9887
39.2	0.9886	0.9969	0.6971	0.8421	0.9637	0.9966	0.9944	0.9864
39.3	0.9887	0.9957	0.5768	0.8242	0.9556	0.9958	0.9926	0.9873
39.4	0.9858	0.9956	0.6673	0.7850	0.9479	0.9949	0.9894	0.9863
39.5	0.9914	0.9963	0.4910	0.8574	0.9385	0.9954	0.9910	0.9821
39.6	0.9933	0.9965	0.1843	0.8920	0.9399	0.9960	0.9864	0.9773
39.7	0.9898	0.9963	0.1219	0.9074	0.9218	0.9960	0.9821	0.9735
39.8	0.9881	0.9968	0.3043	0.9048	0.9208	0.9971	0.9885	0.9819
39.9	0.9910	0.9963	0.2818	0.9000	0.9006	0.9969	0.9873	0.9762
40.0	0.9890	0.9963	0.2748	0.9223	0.8757	0.9957	0.9814	0.9657
40.1	0.9889	0.9966	0.4870	0.9328	0.8817	0.9960	0.9842	0.9738
40.2	0.9907	0.9962	0.4041	0.9377	0.8831	0.9966	0.9863	0.9724
40.3	0.9898	0.9955	0.3076	0.9392	0.8647	0.9957	0.9838	0.9674
40.4	0.9903	0.9956	0.6100	0.9511	0.9011	0.9949	0.9834	0.9734
40.5	0.9888	0.9957	0.6859	0.9564	0.9000	0.9943	0.9795	0.9667
40.6	0.9904	0.9962	0.7515	0.9621	0.8819	0.9956	0.9814	0.9688
40.7	0.9929	0.9973	0.7951	0.9685	0.8551	0.9954	0.9773	0.9667
40.8	0.9918	0.9968	0.8452	0.9649	0.8404	0.9944	0.9740	0.9659
40.9	0.9924	0.9961	0.8835	0.9661	0.8075	0.9952	0.9799	0.9634
41.0	0.9881	0.9948	0.8548	0.9622	0.7824	0.9925	0.9604	0.9443
41.1	0.9899	0.9961	0.8745	0.9641	0.8277	0.9920	0.9534	0.9512
41.2	0.9896	0.9972	0.8806	0.9731	0.7673	0.9905	0.9560	0.9530
41.3	0.9828	0.9963	0.9110	0.9694	0.7904	0.9925	0.9431	0.9441
41.4	0.9841	0.9975	0.9183	0.9757	0.8154	0.9942	0.9126	0.9454
41.5	0.9900	0.9977	0.9139	0.9811	0.7426	0.9936	0.8657	0.9453
41.6	0.9846	0.9951	0.9333	0.9810	0.6261	0.9939	0.7200	0.9225
41.7	0.9743	0.9963	0.9164	0.9771	0.5657	0.9931	0.5295	0.9348
41.8	0.9664	0.9968	0.8811	0.9694	0.5633	0.9935	0.3101	0.9324
41.9	0.9628	0.9963	0.9163	0.9683	0.6209	0.9933	0.1345	0.9345
42.0	0.9642	0.9963	0.9367	0.9702	0.6175	0.9936	0.4843	0.9388
42.1	0.9614	0.9972	0.9312	0.9706	0.6179	0.9946	0.7031	0.9365
42.2	0.9620	0.9958	0.9473	0.9663	0.5854	0.9936	0.8342	0.9525
42.3	0.9654	0.9962	0.9541	0.9764	0.5827	0.9917	0.8452	0.9424

42.4	0.9505	0.9970	0.9599	0.9768	0.7224	0.9931	0.9184	0.9727
42.5	0.9277	0.9962	0.9587	0.9689	0.7484	0.9940	0.9335	0.9740
42.6	0.9006	0.9964	0.9550	0.9667	0.7962	0.9935	0.9541	0.9769
42.7	0.8821	0.9957	0.9488	0.9476	0.8333	0.9913	0.9385	0.9784
42.8	0.8484	0.9949	0.9633	0.9401	0.8227	0.9913	0.9527	0.9775
42.9	0.8493	0.9945	0.9699	0.9539	0.8627	0.9929	0.9689	0.9755
43.0	0.8838	0.9954	0.9701	0.9684	0.8767	0.9942	0.9684	0.9804
43.1	0.6118	0.9951	0.9663	0.9663	0.9055	0.9955	0.9658	0.9849
43.2	0.0200	0.9960	0.9431	0.9578	0.8933	0.9958	0.9718	0.9871
43.3	0.6471	0.9952	0.9338	0.9459	0.8834	0.9935	0.9690	0.9845
43.4	0.9013	0.9937	0.9471	0.9401	0.8652	0.9946	0.9726	0.9841
43.5	0.8982	0.9917	0.9616	0.9623	0.8729	0.9949	0.9723	0.9837
43.6	0.8567	0.9941	0.9697	0.9753	0.9043	0.9952	0.9754	0.9871
43.7	0.8037	0.9951	0.9705	0.9783	0.8742	0.9945	0.9697	0.9879
43.8	0.9128	0.9946	0.9702	0.9789	0.8668	0.9921	0.9639	0.9842
43.9	0.9593	0.9955	0.9626	0.9851	0.8964	0.9957	0.9716	0.9888
44.0	0.9494	0.9939	0.9646	0.9706	0.8653	0.9914	0.9645	0.9814
44.1	0.9574	0.9935	0.9765	0.9702	0.8326	0.9919	0.9529	0.9841
44.2	0.9773	0.9961	0.9827	0.9848	0.8312	0.9951	0.9602	0.9900
44.3	0.9387	0.9959	0.9716	0.9872	0.8448	0.9930	0.9699	0.9894
44.4	0.8753	0.9940	0.9681	0.9850	0.7652	0.9910	0.9695	0.9842
44.5	0.8915	0.9928	0.9736	0.9812	0.6495	0.9911	0.9688	0.9823
44.6	0.9090	0.9937	0.9503	0.9809	0.7335	0.9907	0.9717	0.9824
44.7	0.9466	0.9950	0.9478	0.9832	0.7985	0.9932	0.9804	0.9848
44.8	0.9321	0.9946	0.8895	0.9830	0.8562	0.9937	0.9782	0.9831
44.9	0.9598	0.9937	0.8900	0.9844	0.9039	0.9922	0.9717	0.9851
45.0	0.9716	0.9907	0.9589	0.9791	0.8630	0.9867	0.9530	0.9787
45.1	0.9785	0.9899	0.9804	0.9795	0.8667	0.9814	0.9457	0.9748
45.2	0.9817	0.9916	0.9768	0.9818	0.8830	0.9887	0.9530	0.9732
45.3	0.9861	0.9947	0.9777	0.9878	0.8728	0.9908	0.9745	0.9721
45.4	0.9872	0.9912	0.9745	0.9791	0.8534	0.9860	0.9672	0.9746
45.5	0.9745	0.9874	0.9517	0.9692	0.8782	0.9832	0.9512	0.9714
45.6	0.9778	0.9875	0.9555	0.9767	0.9198	0.9857	0.9371	0.9698
45.7	0.9905	0.9916	0.9792	0.9805	0.9108	0.9882	0.9630	0.9712
45.8	0.9893	0.9912	0.9756	0.9797	0.8500	0.9856	0.9633	0.9706
45.9	0.9900	0.9933	0.9729	0.9857	0.7996	0.9873	0.9752	0.9733
46.0	0.9858	0.9942	0.9808	0.9871	0.6561	0.9917	0.9755	0.9781
46.1	0.9904	0.9953	0.9786	0.9910	0.7113	0.9933	0.9876	0.9796
46.2	0.9882	0.9945	0.9600	0.9858	0.7491	0.9918	0.9864	0.9769
46.3	0.9912	0.9957	0.9707	0.9884	0.8183	0.9933	0.9930	0.9800
46.4	0.9930	0.9964	0.9815	0.9882	0.8275	0.9912	0.9887	0.9812
46.5	0.9900	0.9959	0.9812	0.9885	0.7285	0.9915	0.9910	0.9848
46.6	0.9850	0.9926	0.9752	0.9873	0.6062	0.9932	0.9927	0.9811
46.7	0.9792	0.9912	0.9705	0.9849	0.3914	0.9939	0.9956	0.9803
46.8	0.9769	0.9910	0.9780	0.9819	0.3759	0.9931	0.9941	0.9814
46.9	0.9532	0.9935	0.9707	0.9857	0.3976	0.9909	0.9925	0.9793
47.0	0.9621	0.9943	0.9723	0.9873	0.6335	0.9906	0.9939	0.9774
47.1	0.9617	0.9942	0.9793	0.9875	0.6791	0.9925	0.9945	0.9829
47.2	0.9667	0.9945	0.9831	0.9882	0.8282	0.9943	0.9944	0.9836
47.3	0.9660	0.9941	0.9813	0.9858	0.8704	0.9904	0.9937	0.9787
47.4	0.9649	0.9946	0.9845	0.9846	0.9210	0.9920	0.9940	0.9821
47.5	0.9524	0.9946	0.9810	0.9833	0.9150	0.9910	0.9924	0.9791
47.6	0.9660	0.9950	0.9824	0.9870	0.9392	0.9897	0.9943	0.9784
47.7	0.8812	0.9938	0.9738	0.9857	0.9371	0.9885	0.9953	0.9795
47.8	0.6523	0.9941	0.9689	0.9843	0.9422	0.9901	0.9955	0.9788
47.9	0.7099	0.9940	0.9607	0.9842	0.9368	0.9900	0.9937	0.9776
48.0	0.6047	0.9956	0.9699	0.9822	0.9458	0.9926	0.9938	0.9810
48.1	0.7401	0.9930	0.9666	0.9801	0.9492	0.9921	0.9937	0.9777
48.2	0.8836	0.9935	0.9687	0.9806	0.9365	0.9892	0.9937	0.9732
48.3	0.8674	0.9948	0.9624	0.9792	0.9234	0.9915	0.9951	0.9668
48.4	0.7521	0.9914	0.9683	0.9788	0.8982	0.9916	0.9881	0.9650
48.5	0.4578	0.9923	0.9716	0.9731	0.8966	0.9908	0.9854	0.9587
48.6	0.2466	0.9926	0.9788	0.9676	0.8835	0.9901	0.9872	0.9629
48.7	0.7616	0.9929	0.9789	0.9710	0.8710	0.9900	0.9821	0.9638
48.8	0.8590	0.9927	0.9777	0.9723	0.8782	0.9891	0.9799	0.9642
48.9	0.8971	0.9932	0.9752	0.9785	0.8360	0.9914	0.9770	0.9677
49.0	0.9178	0.9930	0.9718	0.9699	0.6974	0.9874	0.9703	0.9379
49.1	0.9180	0.9944	0.9761	0.9660	0.6790	0.9848	0.9678	0.9349
49.2	0.8997	0.9916	0.9743	0.9593	0.6913	0.9875	0.9668	0.9394
49.3	0.8626	0.9926	0.9792	0.9659	0.7614	0.9886	0.9758	0.9392
49.4	0.7954	0.9900	0.9688	0.9607	0.7271	0.9870	0.9700	0.9246
49.5	0.8531	0.9893	0.9538	0.9510	0.6178	0.9821	0.9683	0.8760
49.6	0.8271	0.9899	0.9514	0.9405	0.5794	0.9747	0.9614	0.8557
49.7	0.6039	0.9893	0.9598	0.9305	0.6045	0.9635	0.9485	0.8561
49.8	0.6636	0.9902	0.9670	0.9314	0.6696	0.9701	0.9577	0.8692
49.9	0.8034	0.9889	0.9711	0.9264	0.6609	0.9718	0.9577	0.8590
50.0	0.8040	0.9827	0.9739	0.9307	0.6145	0.9737	0.9647	0.8643
50.1	0.8135	0.9863	0.9816	0.9328	0.6687	0.9824	0.9650	0.8932
50.2	0.8473	0.9873	0.9870	0.9367	0.7102	0.9839	0.9629	0.9261
50.3	0.7793	0.9802	0.9771	0.8978	0.6002	0.9717	0.9436	0.8980
50.4	0.6972	0.9788	0.9463	0.8692	0.4986	0.9689	0.9329	0.8888
50.5	0.6827	0.9802	0.9629	0.9285	0.6449	0.9785	0.9537	0.9057
50.6	0.7483	0.9829	0.9720	0.9401	0.7366	0.9853	0.9640	0.9280
50.7	0.7008	0.9779	0.9821	0.9202	0.7746	0.9862	0.9806	0.9388
50.8	0.5948	0.9670	0.9755	0.9140	0.7789	0.9875	0.9754	0.9174
50.9	0.7133	0.9600	0.9588	0.8841	0.7928	0.9797	0.9715	0.9015

51.0	0.8654	0.9673	0.9676	0.9052	0.8896	0.9770	0.9827	0.9347
51.1	0.9051	0.9694	0.9748	0.9122	0.9102	0.9795	0.9856	0.9498
51.2	0.9230	0.9626	0.9488	0.8801	0.9042	0.9736	0.9880	0.9430
51.3	0.8561	0.9470	0.9336	0.8375	0.8955	0.9669	0.9821	0.9213
51.4	0.8882	0.9489	0.9571	0.8587	0.9228	0.9671	0.9841	0.9279
51.5	0.8984	0.9391	0.9553	0.8535	0.9159	0.9629	0.9797	0.9505
51.6	0.8994	0.9162	0.9354	0.8155	0.9081	0.9539	0.9781	0.9512
51.7	0.9345	0.9358	0.9356	0.8639	0.9195	0.9538	0.9759	0.9656
51.8	0.9590	0.9580	0.9517	0.9047	0.9450	0.9714	0.9827	0.9770
51.9	0.9350	0.9185	0.9125	0.8750	0.9360	0.9653	0.9743	0.9740
52.0	0.8611	0.8980	0.9195	0.8226	0.9217	0.9636	0.9696	0.9732
52.1	0.8921	0.9151	0.9429	0.8295	0.9360	0.9735	0.9768	0.9790
52.2	0.9388	0.9317	0.9389	0.8652	0.9525	0.9854	0.9811	0.9784
52.3	0.9469	0.9178	0.9278	0.8648	0.9551	0.9877	0.9806	0.9769
52.4	0.9295	0.9140	0.9273	0.8536	0.9442	0.9854	0.9729	0.9763
52.5	0.9320	0.8935	0.9491	0.8247	0.9438	0.9798	0.9714	0.9785
52.6	0.9571	0.9016	0.9410	0.8266	0.9603	0.9834	0.9730	0.9789
52.7	0.9585	0.8904	0.9359	0.8679	0.9695	0.9837	0.9727	0.9862
52.8	0.9534	0.8802	0.9229	0.8785	0.9716	0.9805	0.9605	0.9835
52.9	0.9669	0.8973	0.9388	0.9108	0.9650	0.9876	0.9038	0.9826
53.0	0.9692	0.9158	0.9620	0.9393	0.9638	0.9890	0.8870	0.9820
53.1	0.9702	0.9277	0.9712	0.9402	0.9694	0.9863	0.9365	0.9845
53.2	0.9731	0.9152	0.9632	0.9337	0.9708	0.9868	0.9524	0.9815
53.3	0.9728	0.8787	0.9434	0.8903	0.9704	0.9815	0.9512	0.9727
53.4	0.9791	0.9029	0.9553	0.8936	0.9832	0.9829	0.9610	0.9774
53.5	0.9696	0.9019	0.9556	0.8922	0.9817	0.9850	0.9694	0.9727
53.6	0.9650	0.9165	0.9464	0.8955	0.9785	0.9776	0.9699	0.9612
53.7	0.9742	0.9381	0.9593	0.8974	0.9781	0.9792	0.9676	0.9636
53.8	0.9701	0.9280	0.9512	0.8902	0.9814	0.9825	0.9635	0.9688
53.9	0.9789	0.9440	0.9641	0.9264	0.9850	0.9868	0.9694	0.9738
54.0	0.9839	0.9519	0.9635	0.9227	0.9859	0.9909	0.9759	0.9845
54.1	0.9759	0.9375	0.9182	0.9056	0.9837	0.9883	0.9661	0.9780
54.2	0.9674	0.9279	0.8859	0.9025	0.9697	0.9833	0.9489	0.9723
54.3	0.9724	0.9478	0.9177	0.9317	0.9716	0.9870	0.9650	0.9833
54.4	0.9718	0.9480	0.9142	0.9194	0.9739	0.9862	0.9588	0.9815
54.5	0.9786	0.9550	0.9353	0.9250	0.9783	0.9849	0.9607	0.9825
54.6	0.9714	0.9514	0.9314	0.9174	0.9749	0.9842	0.9647	0.9828
54.7	0.9717	0.9498	0.9359	0.9238	0.9827	0.9847	0.9728	0.9844
54.8	0.9778	0.9576	0.9478	0.9258	0.9865	0.9882	0.9720	0.9811
54.9	0.9826	0.9630	0.9617	0.9454	0.9909	0.9902	0.9732	0.9846
55.0	0.9806	0.9650	0.9642	0.9361	0.9873	0.9873	0.9623	0.9817
55.1	0.9811	0.9565	0.9599	0.9370	0.9861	0.9880	0.9587	0.9837
55.2	0.9876	0.9609	0.9569	0.9447	0.9886	0.9898	0.9586	0.9811
55.3	0.9857	0.9535	0.9509	0.9258	0.9867	0.9877	0.9612	0.9769
55.4	0.9881	0.9593	0.9634	0.9309	0.9884	0.9872	0.9742	0.9802
55.5	0.9903	0.9708	0.9619	0.9394	0.9917	0.9815	0.9717	0.9732
55.6	0.9906	0.9741	0.9738	0.9456	0.9903	0.9850	0.9661	0.9767
55.7	0.9891	0.9779	0.9760	0.9584	0.9895	0.9855	0.9637	0.9724
55.8	0.9926	0.9735	0.9773	0.9470	0.9909	0.9837	0.9687	0.9725
55.9	0.9945	0.9790	0.9841	0.9559	0.9933	0.9891	0.9651	0.9752
56.0	0.9957	0.9791	0.9846	0.9479	0.9933	0.9901	0.9565	0.9605
56.1	0.9935	0.9781	0.9710	0.9333	0.9886	0.9851	0.9482	0.9502
56.2	0.9948	0.9856	0.9778	0.9490	0.9935	0.9899	0.9402	0.9635
56.3	0.9965	0.9851	0.9841	0.9508	0.9922	0.9903	0.9246	0.9624
56.4	0.9976	0.9894	0.9830	0.9667	0.9949	0.9929	0.9438	0.9521
56.5	0.9961	0.9882	0.9819	0.9468	0.9919	0.9930	0.9126	0.9380
56.6	0.9937	0.9840	0.9791	0.9437	0.9886	0.9907	0.8852	0.9412
56.7	0.9954	0.9804	0.9834	0.9531	0.9906	0.9891	0.8424	0.9351
56.8	0.9965	0.9826	0.9840	0.9592	0.9909	0.9918	0.8465	0.9138
56.9	0.9943	0.9830	0.9833	0.9489	0.9891	0.9912	0.8641	0.8805
57.0	0.9946	0.9836	0.9852	0.9555	0.9907	0.9893	0.8491	0.8926
57.1	0.9941	0.9846	0.9751	0.9540	0.9913	0.9878	0.8772	0.8704
57.2	0.9912	0.9813	0.9498	0.9150	0.9884	0.9879	0.8771	0.8528
57.3	0.9912	0.9847	0.9564	0.9213	0.9869	0.9897	0.8637	0.8577
57.4	0.9905	0.9858	0.9602	0.9342	0.9865	0.9876	0.8628	0.8114
57.5	0.9901	0.9849	0.9505	0.9294	0.9887	0.9867	0.8610	0.7268
57.6	0.9939	0.9871	0.9580	0.9394	0.9867	0.9918	0.8413	0.7387
57.7	0.9944	0.9886	0.9580	0.9478	0.9890	0.9907	0.8171	0.6642
57.8	0.9944	0.9898	0.9592	0.9520	0.9904	0.9918	0.8513	0.5772
57.9	0.9918	0.9838	0.9352	0.9261	0.9771	0.9867	0.7958	0.4234
58.0	0.9911	0.9851	0.9452	0.9257	0.9754	0.9901	0.8649	0.6183
58.1	0.9923	0.9890	0.9489	0.9467	0.9691	0.9909	0.9179	0.7525
58.2	0.9919	0.9902	0.9467	0.9394	0.9704	0.9901	0.9209	0.7549
58.3	0.9890	0.9879	0.9612	0.9322	0.9667	0.9869	0.9026	0.7933
58.4	0.9908	0.9865	0.9696	0.9263	0.9738	0.9876	0.9088	0.8466
58.5	0.9925	0.9895	0.9661	0.9484	0.9796	0.9869	0.9367	0.8695
58.6	0.9902	0.9898	0.9543	0.9424	0.9765	0.9836	0.9322	0.8899
58.7	0.9916	0.9903	0.9507	0.9571	0.9729	0.9894	0.9390	0.9237
58.8	0.9923	0.9924	0.9529	0.9671	0.9742	0.9906	0.9384	0.9322
58.9	0.9919	0.9908	0.9424	0.9613	0.9711	0.9886	0.9284	0.9058
59.0	0.9910	0.9819	0.8411	0.9277	0.6521	0.9139	0.5467	0.4191
59.1	0.9910	0.9835	0.7985	0.9401	0.6569	0.9026	0.4363	0.2677
59.2	0.9910	0.9880	0.8620	0.9590	0.9371	0.9793	0.8886	0.7642
59.3	0.9890	0.9840	0.8715	0.9438	0.9649	0.9865	0.9202	0.8499
59.4	0.9851	0.9806	0.8244	0.9337	0.9490	0.9836	0.9191	0.7503
59.5	0.9859	0.9855	0.7947	0.9306	0.9400	0.9817	0.9151	0.7257

59.6	0.9793	0.9760	0.6969	0.9139	0.9103	0.9717	0.9199	0.5833
59.7	0.9820	0.9714	0.7050	0.9050	0.9188	0.9760	0.9132	0.5323
59.8	0.9778	0.9114	0.3169	0.8695	0.3375	0.8966	0.4638	0.4101
59.9	0.9722	0.0090	0.0013	0.5806	0.2767	0.8607	0.3226	0.4824
60.0	0.9596	0.0117	0.0137	0.2930	0.7514	0.9195	0.7520	0.4310
60.1	0.9689	0.0209	0.0105	0.4636	0.8901	0.9462	0.8897	0.4472
60.2	0.9824	0.8237	0.0952	0.9080	0.9145	0.9718	0.9321	0.6693
60.3	0.9812	0.9780	0.4686	0.9240	0.9220	0.9772	0.9160	0.7291
60.4	0.9792	0.9801	0.6253	0.9328	0.9191	0.9695	0.9137	0.7543
60.5	0.9729	0.9764	0.5971	0.9213	0.9274	0.9627	0.9161	0.8101
60.6	0.9824	0.9848	0.6644	0.9344	0.9543	0.9635	0.9178	0.8823
60.7	0.9868	0.9881	0.6449	0.9344	0.9591	0.9590	0.8919	0.8587
60.8	0.9818	0.9882	0.6778	0.9188	0.9526	0.9683	0.8972	0.8332
60.9	0.9788	0.9849	0.7746	0.9250	0.9531	0.9696	0.8983	0.8151
61.0	0.9775	0.9815	0.7660	0.9338	0.9460	0.9611	0.8798	0.7791
61.1	0.9742	0.9797	0.7788	0.9197	0.9457	0.9704	0.8465	0.7189
61.2	0.9719	0.9719	0.8623	0.9232	0.9581	0.9735	0.8285	0.7585
61.3	0.9713	0.9803	0.8669	0.9308	0.9670	0.9804	0.8477	0.7847
61.4	0.9735	0.9799	0.8479	0.9352	0.9606	0.9744	0.8523	0.7868
61.5	0.9790	0.9812	0.8673	0.9436	0.9656	0.9791	0.8758	0.8456
61.6	0.9822	0.9839	0.8988	0.9450	0.9707	0.9765	0.8652	0.8442
61.7	0.9828	0.9839	0.8903	0.9385	0.9670	0.9652	0.8410	0.7927
61.8	0.9835	0.9858	0.9085	0.9553	0.9764	0.9757	0.8691	0.8514
61.9	0.9765	0.9859	0.9185	0.9528	0.9751	0.9751	0.8413	0.8145
62.0	0.9684	0.9809	0.9316	0.9352	0.9729	0.9621	0.7956	0.6566
62.1	0.9791	0.9858	0.9533	0.9520	0.9808	0.9704	0.8532	0.7034
62.2	0.9717	0.9794	0.9367	0.9523	0.9731	0.9649	0.8252	0.6200
62.3	0.9705	0.9780	0.9233	0.9514	0.9650	0.9666	0.8233	0.5741
62.4	0.9799	0.9871	0.9327	0.9526	0.9779	0.9655	0.8445	0.5731
62.5	0.9707	0.9790	0.9343	0.9600	0.9788	0.9621	0.8315	0.4544
62.6	0.9717	0.9829	0.9584	0.9639	0.9806	0.9690	0.8572	0.5690
62.7	0.9794	0.9836	0.9714	0.9699	0.9830	0.9738	0.9123	0.4298
62.8	0.9734	0.9771	0.9510	0.9506	0.9789	0.9635	0.8982	0.2246
62.9	0.9738	0.9792	0.9597	0.9517	0.9825	0.9648	0.8828	0.2322
63.0	0.9725	0.9804	0.9634	0.9646	0.9840	0.9674	0.8823	0.1759
63.1	0.9735	0.9775	0.9646	0.9580	0.9813	0.9669	0.9025	0.0309
63.2	0.9773	0.9808	0.9745	0.9665	0.9795	0.9653	0.9132	0.1921
63.3	0.9691	0.9772	0.9624	0.9645	0.9802	0.9690	0.8949	0.2811
63.4	0.9754	0.9826	0.9698	0.9728	0.9843	0.9764	0.9168	0.3566
63.5	0.9637	0.9712	0.9740	0.9660	0.9783	0.9688	0.9152	0.4037
63.6	0.9665	0.9699	0.9780	0.9601	0.9790	0.9504	0.9096	0.5201
63.7	0.9727	0.9763	0.9729	0.9686	0.9804	0.9481	0.8960	0.4611
63.8	0.9768	0.9829	0.9748	0.9699	0.9757	0.9602	0.9378	0.6278
63.9	0.9758	0.9842	0.9763	0.9766	0.9802	0.9661	0.9267	0.5952
64.0	0.9730	0.9855	0.9821	0.9780	0.9831	0.9645	0.9200	0.6493
64.1	0.9796	0.9852	0.9833	0.9808	0.9830	0.9671	0.9394	0.7708
64.2	0.9756	0.9836	0.9813	0.9783	0.9763	0.9586	0.9357	0.7770
64.3	0.9757	0.9858	0.9828	0.9789	0.9804	0.9559	0.9460	0.8604
64.4	0.9827	0.9865	0.9856	0.9830	0.9777	0.9507	0.9394	0.8047
64.5	0.9779	0.9853	0.9835	0.9815	0.9802	0.9413	0.9165	0.8458
64.6	0.9734	0.9863	0.9851	0.9789	0.9804	0.9206	0.8930	0.8088
64.7	0.9664	0.9839	0.9828	0.9699	0.9785	0.8941	0.8746	0.7817
64.8	0.9677	0.9840	0.9819	0.9759	0.9711	0.8698	0.8948	0.7937
64.9	0.9708	0.9837	0.9869	0.9795	0.9702	0.8618	0.8833	0.7488
65.0	0.9649	0.9810	0.9802	0.9695	0.9613	0.7882	0.8924	0.7401
65.1	0.9476	0.9731	0.9818	0.9664	0.9563	0.7492	0.9094	0.8184
65.2	0.9594	0.9775	0.9873	0.9635	0.9564	0.7690	0.9085	0.8439
65.3	0.9687	0.9855	0.9844	0.9746	0.9473	0.8020	0.9261	0.8695
65.4	0.9751	0.9880	0.9850	0.9788	0.9514	0.6946	0.9226	0.8961
65.5	0.9662	0.9832	0.9881	0.9770	0.9548	0.7718	0.9342	0.9020
65.6	0.9559	0.9776	0.9895	0.9726	0.9560	0.7955	0.9420	0.8915
65.7	0.9477	0.9772	0.9869	0.9548	0.9591	0.7436	0.9340	0.8934
65.8	0.9609	0.9842	0.9881	0.9641	0.9657	0.7480	0.9426	0.9220
65.9	0.9767	0.9866	0.9913	0.9805	0.9696	0.8709	0.9698	0.9579
66.0	0.9647	0.9799	0.9910	0.9743	0.9650	0.8960	0.9763	0.9583
66.1	0.9602	0.9826	0.9920	0.9730	0.9801	0.9142	0.9751	0.9567
66.2	0.9531	0.9818	0.9914	0.9666	0.9782	0.9159	0.9723	0.9506
66.3	0.9445	0.9758	0.9882	0.9643	0.9766	0.9025	0.9675	0.9567
66.4	0.9377	0.9736	0.9810	0.9608	0.9675	0.8889	0.9516	0.9502
66.5	0.9590	0.9847	0.9840	0.9742	0.9733	0.9280	0.9690	0.9677
66.6	0.9693	0.9872	0.9884	0.9799	0.9831	0.9420	0.9718	0.9746
66.7	0.9576	0.9845	0.9878	0.9731	0.9798	0.9437	0.9707	0.9724
66.8	0.9577	0.9834	0.9907	0.9747	0.9786	0.9510	0.9790	0.9756
66.9	0.9573	0.9835	0.9876	0.9796	0.9842	0.9558	0.9758	0.9733
67.0	0.9417	0.9801	0.9878	0.9769	0.9834	0.9570	0.9692	0.9765
67.1	0.9569	0.9855	0.9904	0.9750	0.9845	0.9588	0.9680	0.9758
67.2	0.9596	0.9869	0.9888	0.9708	0.9834	0.9578	0.9564	0.9754
67.3	0.9546	0.9849	0.9902	0.9650	0.9834	0.9722	0.9484	0.9752
67.4	0.9636	0.9897	0.9907	0.9759	0.9829	0.9757	0.9640	0.9805
67.5	0.9422	0.9836	0.9881	0.9618	0.9779	0.9566	0.9442	0.9712
67.6	0.9379	0.9830	0.9845	0.9688	0.9749	0.9488	0.9208	0.9738
67.7	0.9323	0.9841	0.9832	0.9708	0.9763	0.9500	0.9046	0.9774
67.8	0.9476	0.9876	0.9875	0.9752	0.9801	0.9670	0.9373	0.9827
67.9	0.9503	0.9879	0.9885	0.9812	0.9790	0.9744	0.9497	0.9810
68.0	0.9271	0.9833	0.9825	0.9792	0.9630	0.9683	0.9112	0.9776
68.1	0.9065	0.9787	0.9789	0.9732	0.9544	0.9648	0.9080	0.9776

68.2	0.9242	0.9872	0.9869	0.9757	0.9654	0.9761	0.9038	0.9813
68.3	0.9396	0.9889	0.9861	0.9797	0.9660	0.9806	0.8894	0.9808
68.4	0.9123	0.9815	0.9809	0.9745	0.9514	0.9733	0.7630	0.9730
68.5	0.9020	0.9811	0.9781	0.9735	0.9256	0.9716	0.4683	0.9734
68.6	0.9094	0.9845	0.9747	0.9771	0.8647	0.9794	0.2270	0.9616
68.7	0.9144	0.9849	0.9755	0.9771	0.8688	0.9819	0.5744	0.9589
68.8	0.9118	0.9844	0.9787	0.9684	0.8608	0.9773	0.5020	0.9497
68.9	0.8940	0.9851	0.9831	0.9720	0.8664	0.9811	0.5188	0.9430
69.0	0.8910	0.9858	0.9812	0.9721	0.8535	0.9813	0.4640	0.9377
69.1	0.9217	0.9898	0.9725	0.9762	0.8844	0.9827	0.2963	0.9038
69.2	0.9007	0.9853	0.9713	0.9583	0.8659	0.9784	0.3812	0.9038
69.3	0.8557	0.9811	0.9575	0.9529	0.8526	0.9702	0.3395	0.9171
69.4	0.8838	0.9861	0.9706	0.9648	0.9242	0.9782	0.5052	0.9388
69.5	0.8613	0.9840	0.9727	0.9605	0.9394	0.9790	0.6649	0.9351
69.6	0.7520	0.9724	0.9481	0.9293	0.9215	0.9733	0.7575	0.8994
69.7	0.7624	0.9727	0.9375	0.9282	0.8703	0.9697	0.7828	0.9118
69.8	0.8222	0.9785	0.9490	0.9504	0.8563	0.9731	0.7561	0.9125
69.9	0.8535	0.9775	0.9377	0.9537	0.8845	0.9802	0.7939	0.9147
70.0	0.8101	0.9681	0.8933	0.9444	0.9082	0.9780	0.8481	0.9224
70.1	0.8539	0.9798	0.9126	0.9552	0.9360	0.9837	0.8956	0.9375
70.2	0.8651	0.9821	0.9280	0.9560	0.9600	0.9826	0.9175	0.9491
70.3	0.7865	0.9711	0.8973	0.9299	0.9587	0.9738	0.9035	0.9384
70.4	0.7865	0.9747	0.8888	0.9373	0.9715	0.9644	0.9057	0.9464
70.5	0.7961	0.9735	0.8511	0.9319	0.9680	0.9566	0.9118	0.9436
70.6	0.7561	0.9730	0.8269	0.9404	0.9705	0.9561	0.8670	0.9610
70.7	0.7417	0.9729	0.8585	0.9437	0.9759	0.9595	0.8664	0.9541
70.8	0.6268	0.9718	0.8805	0.9357	0.9725	0.9594	0.8645	0.9529
70.9	0.5799	0.9721	0.8495	0.9375	0.9743	0.9518	0.8433	0.9576
71.0	0.5571	0.9741	0.8387	0.9400	0.9757	0.9494	0.8170	0.9513
71.1	0.3857	0.9678	0.7949	0.9159	0.9773	0.9471	0.7551	0.9522
71.2	0.4250	0.9669	0.6611	0.9175	0.9770	0.9528	0.6339	0.9519
71.3	0.3304	0.9668	0.7388	0.9162	0.9794	0.9602	0.5059	0.9562
71.4	0.2954	0.9621	0.6881	0.9048	0.9718	0.9575	0.5485	0.9493
71.5	0.2590	0.9718	0.7110	0.9223	0.9755	0.9662	0.6916	0.9496
71.6	0.4086	0.9735	0.6734	0.9166	0.9811	0.9632	0.7383	0.9500
71.7	0.3580	0.9749	0.6432	0.9065	0.9806	0.9743	0.8341	0.9428
71.8	0.2545	0.9645	0.5886	0.8937	0.9774	0.9724	0.8825	0.9246
71.9	0.1985	0.9630	0.6925	0.8893	0.9735	0.9730	0.8910	0.9273
72.0	0.0586	0.9419	0.7588	0.8264	0.9708	0.9719	0.8874	0.9283
72.1	0.1719	0.9327	0.7712	0.7849	0.9707	0.9581	0.8778	0.8774
72.2	0.3389	0.9594	0.8388	0.8509	0.9758	0.9685	0.9132	0.8480
72.3	0.3243	0.9608	0.8806	0.8508	0.9747	0.9702	0.9444	0.8668
72.4	0.3551	0.9679	0.8990	0.8809	0.9781	0.9710	0.9536	0.8269
72.5	0.3040	0.9584	0.8674	0.8310	0.9773	0.9676	0.9505	0.8449
72.6	0.3585	0.9445	0.8569	0.7541	0.9780	0.9659	0.9470	0.8513
72.7	0.5332	0.9574	0.9031	0.8031	0.9801	0.9603	0.9462	0.8833
72.8	0.5453	0.9606	0.9152	0.8100	0.9795	0.9595	0.9546	0.9226
72.9	0.4164	0.9440	0.9009	0.7372	0.9697	0.9603	0.9474	0.9368
73.0	0.3166	0.9173	0.9174	0.6490	0.9634	0.9498	0.9144	0.9139
73.1	0.4416	0.9256	0.9178	0.6346	0.9642	0.9503	0.9158	0.9183
73.2	0.4797	0.9418	0.9370	0.6395	0.9733	0.9691	0.9332	0.9413
73.3	0.5051	0.9452	0.9368	0.6181	0.9781	0.9694	0.9326	0.9391
73.4	0.5339	0.9443	0.9333	0.5594	0.9765	0.9726	0.9372	0.9451
73.5	0.4646	0.9225	0.9127	0.4103	0.9671	0.9567	0.9045	0.9339
73.6	0.4058	0.8984	0.8942	0.3238	0.9661	0.9493	0.8736	0.9237
73.7	0.4960	0.8947	0.8620	0.2415	0.9616	0.9560	0.8767	0.9334
73.8	0.6533	0.9258	0.9105	0.2896	0.9768	0.9627	0.9063	0.9444
73.9	0.7076	0.9366	0.9165	0.2200	0.9770	0.9689	0.9015	0.9389
74.0	0.6591	0.9291	0.9164	0.0995	0.9849	0.9686	0.9064	0.9475
74.1	0.6482	0.9102	0.9309	0.2123	0.9839	0.9725	0.8988	0.9515
74.2	0.7327	0.9209	0.9179	0.2893	0.9844	0.9725	0.9019	0.9492
74.3	0.6665	0.8818	0.8949	0.4374	0.9726	0.9540	0.8408	0.9236
74.4	0.6534	0.8731	0.9181	0.4706	0.9714	0.9489	0.8343	0.9082
74.5	0.6556	0.8589	0.8934	0.5290	0.9669	0.9468	0.8078	0.9023
74.6	0.6748	0.8467	0.8841	0.5836	0.9764	0.9516	0.7887	0.9081
74.7	0.6751	0.8468	0.9038	0.5775	0.9770	0.9535	0.7894	0.9061
74.8	0.6985	0.8549	0.9217	0.6720	0.9770	0.9626	0.8003	0.9156
74.9	0.7426	0.8704	0.9339	0.7731	0.9808	0.9656	0.8306	0.9286
75.0	0.7495	0.8599	0.8891	0.8123	0.9734	0.9493	0.7763	0.9172
75.1	0.7829	0.8483	0.8982	0.8667	0.9691	0.9529	0.7371	0.9035
75.2	0.6994	0.8272	0.9025	0.8785	0.9668	0.9533	0.6966	0.8893
75.3	0.6674	0.8057	0.9157	0.8706	0.9650	0.9483	0.6378	0.8835
75.4	0.7490	0.8109	0.9130	0.8967	0.9730	0.9543	0.6671	0.9050
75.5	0.7799	0.8080	0.9139	0.9064	0.9759	0.9556	0.6434	0.8955
75.6	0.7884	0.7887	0.9234	0.9009	0.9737	0.9393	0.6301	0.8933
75.7	0.7857	0.7979	0.8985	0.8871	0.9630	0.9393	0.6014	0.8856
75.8	0.8167	0.8125	0.9098	0.9298	0.9636	0.9478	0.5340	0.8751
75.9	0.8151	0.8494	0.9488	0.9496	0.9763	0.9599	0.5615	0.8850
76.0	0.8114	0.8789	0.9156	0.9401	0.9694	0.9529	0.6421	0.9040
76.1	0.8146	0.8710	0.9151	0.9421	0.9667	0.9339	0.6564	0.8957
76.2	0.8417	0.8828	0.9457	0.9443	0.9655	0.9412	0.6993	0.9045
76.3	0.8437	0.9130	0.9331	0.9518	0.9732	0.9498	0.7783	0.9078
76.4	0.8118	0.9090	0.9383	0.9467	0.9649	0.9407	0.7512	0.8698
76.5	0.8063	0.8943	0.9402	0.9458	0.9564	0.9340	0.7263	0.8400
76.6	0.8063	0.9010	0.9359	0.9478	0.9547	0.9201	0.7677	0.8618
76.7	0.7956	0.9141	0.9252	0.9439	0.9619	0.9278	0.8264	0.8818

76.8	0.7646	0.8877	0.9177	0.9189	0.9429	0.9001	0.8198	0.8649
76.9	0.7986	0.8944	0.9226	0.9061	0.9363	0.8802	0.8297	0.8866
77.0	0.8431	0.9012	0.9268	0.8996	0.9394	0.8646	0.8539	0.8876
77.1	0.8566	0.9063	0.9290	0.8882	0.9309	0.8948	0.8311	0.8654
77.2	0.8171	0.8971	0.9319	0.8898	0.9195	0.8932	0.8392	0.8602
77.3	0.8334	0.8894	0.9374	0.8932	0.9279	0.8748	0.8662	0.8856
77.4	0.8350	0.8923	0.9468	0.8899	0.9259	0.8926	0.8895	0.9122
77.5	0.8776	0.9000	0.9590	0.8748	0.9072	0.8840	0.8883	0.9185
77.6	0.8258	0.8825	0.9390	0.8615	0.8307	0.8333	0.8563	0.8947
77.7	0.8738	0.9060	0.9637	0.8934	0.8388	0.8855	0.8707	0.9111
77.8	0.9093	0.9221	0.9670	0.8772	0.8649	0.8805	0.9061	0.9429
77.9	0.9111	0.9171	0.9604	0.8584	0.8654	0.8398	0.8995	0.9339
78.0	0.8789	0.8767	0.9578	0.8015	0.8705	0.7669	0.8825	0.9208
78.1	0.8833	0.9097	0.9573	0.8378	0.9012	0.8003	0.9084	0.9398
78.2	0.8797	0.9001	0.9519	0.8235	0.9083	0.8280	0.8927	0.9351
78.3	0.8661	0.8597	0.9519	0.7893	0.9034	0.7590	0.8869	0.9407
78.4	0.8903	0.8737	0.9591	0.8065	0.9103	0.7770	0.9030	0.9531
78.5	0.8920	0.8435	0.9520	0.7565	0.8916	0.7378	0.8621	0.9223
78.6	0.9007	0.8548	0.9516	0.7633	0.8946	0.7457	0.8693	0.9111
78.7	0.9141	0.8537	0.9469	0.7477	0.9021	0.5703	0.9031	0.9311
78.8	0.9113	0.8674	0.9435	0.7693	0.9164	0.6080	0.9076	0.9358
78.9	0.9165	0.8732	0.9594	0.8059	0.9337	0.5374	0.9234	0.9483
79.0	0.9034	0.8249	0.9447	0.7537	0.9023	0.4930	0.8843	0.9214
79.1	0.8802	0.8000	0.9283	0.7399	0.8750	0.4543	0.8399	0.8948
79.2	0.8888	0.7973	0.9098	0.7085	0.8534	0.4379	0.7846	0.8686
79.3	0.9360	0.8626	0.9497	0.7645	0.8909	0.3562	0.8294	0.9079
79.4	0.9488	0.8998	0.9653	0.7933	0.9114	0.3536	0.8538	0.9227
79.5	0.9306	0.8697	0.9553	0.7599	0.9099	0.2762	0.8229	0.9133
79.6	0.9006	0.8199	0.9401	0.6660	0.8479	0.2693	0.7576	0.8832
79.7	0.9030	0.8153	0.9531	0.6868	0.8855	0.4476	0.8144	0.9073
79.8	0.9150	0.7595	0.9555	0.5796	0.8780	0.4718	0.7876	0.9025
79.9	0.9064	0.7238	0.9461	0.5175	0.8409	0.3632	0.7222	0.8625
80.0	0.9130	0.7608	0.9523	0.6480	0.8909	0.4043	0.8284	0.8945

2.2.65 Run 6 – VT000 – Accels 33–40

Vertical shaking at 0°. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.4797	0.4254	0.3526	0.2684	0.4772	0.2357	0.5196	0.2379
0.1	0.0586	0.0357	0.0955	0.0133	0.1049	0.0331	0.1638	0.1162
0.2	0.0143	0.0199	0.0260	0.0176	0.0172	0.0157	0.0969	0.0020
0.3	0.0078	0.0087	0.0079	0.0066	0.0082	0.0074	0.0053	0.0179
0.4	0.0161	0.0464	0.0409	0.0141	0.0007	0.0130	0.0001	0.0137
0.5	0.0004	0.0030	0.0793	0.0131	0.0022	0.0191	0.0564	0.0251
0.6	0.0329	0.0329	0.0209	0.0007	0.0145	0.0782	0.0760	0.0216
0.7	0.0343	0.0108	0.0444	0.1077	0.0134	0.0314	0.0326	0.0085
0.8	0.0015	0.0581	0.0180	0.0446	0.0009	0.0112	0.0065	0.0060
0.9	0.0195	0.2583	0.0528	0.0189	0.0422	0.0386	0.0113	0.0138
1.0	0.0518	0.2529	0.0397	0.0070	0.0302	0.0766	0.0928	0.0310
1.1	0.1131	0.2388	0.1279	0.0007	0.0172	0.1064	0.0148	0.0413
1.2	0.1292	0.3971	0.2758	0.0270	0.0563	0.2989	0.0164	0.0622
1.3	0.2423	0.5697	0.4113	0.0232	0.1954	0.3086	0.0235	0.0273
1.4	0.2599	0.6264	0.4767	0.0036	0.3202	0.3500	0.0519	0.0335
1.5	0.4621	0.5071	0.5930	0.0668	0.4020	0.4399	0.1989	0.0027
1.6	0.2477	0.1822	0.6345	0.1571	0.1694	0.5388	0.1266	0.0413
1.7	0.2480	0.1283	0.7565	0.6687	0.4412	0.6824	0.0393	0.0030
1.8	0.5275	0.2392	0.7726	0.7749	0.1680	0.6927	0.0732	0.0172
1.9	0.6947	0.5393	0.7891	0.7646	0.0591	0.7555	0.1066	0.0421
2.0	0.7828	0.6002	0.8191	0.7967	0.1143	0.7843	0.2391	0.0818
2.1	0.8045	0.4275	0.8451	0.8312	0.3661	0.8529	0.3725	0.1718
2.2	0.7564	0.5020	0.9081	0.8734	0.6126	0.8596	0.5697	0.3046
2.3	0.5105	0.8414	0.8934	0.5954	0.7116	0.8159	0.5398	0.4323
2.4	0.4668	0.8252	0.8114	0.4930	0.4721	0.6448	0.4721	0.1288
2.5	0.4963	0.8787	0.9070	0.5283	0.2172	0.8097	0.4807	0.0419
2.6	0.5584	0.8649	0.9338	0.5722	0.1476	0.9014	0.3249	0.0608
2.7	0.4013	0.8652	0.9487	0.4716	0.0934	0.9111	0.2384	0.0463
2.8	0.3255	0.8087	0.9450	0.3679	0.1148	0.8878	0.2974	0.0382
2.9	0.3271	0.6932	0.9499	0.3874	0.1122	0.9074	0.3500	0.0625
3.0	0.3007	0.5915	0.9553	0.3442	0.1521	0.9276	0.2715	0.1255
3.1	0.4014	0.5116	0.9398	0.3138	0.0725	0.9097	0.3581	0.0866
3.2	0.5326	0.4779	0.9476	0.5785	0.0493	0.9017	0.4746	0.0516
3.3	0.4148	0.4387	0.9324	0.4217	0.0052	0.8739	0.2595	0.0471
3.4	0.3517	0.3990	0.9148	0.3914	0.0404	0.8787	0.2083	0.0329
3.5	0.2159	0.3259	0.9179	0.1410	0.0027	0.9028	0.1608	0.1344
3.6	0.0453	0.1827	0.8710	0.0750	0.0168	0.8338	0.1862	0.0309
3.7	0.2654	0.3461	0.9307	0.4513	0.0387	0.8952	0.5061	0.0847
3.8	0.6535	0.7768	0.9911	0.8026	0.1992	0.9878	0.8654	0.1987
3.9	0.8873	0.9310	0.9972	0.9258	0.4101	0.9965	0.9576	0.1414
4.0	0.9217	0.9627	0.9978	0.9497	0.4970	0.9975	0.9708	0.5222
4.1	0.8830	0.9441	0.9972	0.9042	0.5101	0.9960	0.9601	0.6695
4.2	0.8337	0.9235	0.9971	0.8642	0.3885	0.9961	0.9412	0.7565
4.3	0.7675	0.8786	0.9960	0.8430	0.3193	0.9952	0.9157	0.8018
4.4	0.7164	0.8061	0.9961	0.8120	0.1950	0.9942	0.8751	0.7474
4.5	0.6976	0.7099	0.9952	0.7564	0.1369	0.9924	0.7686	0.8206
4.6	0.5643	0.6124	0.9921	0.5481	0.0776	0.9822	0.5372	0.6539
4.7	0.4353	0.6153	0.9935	0.5153	0.0285	0.9827	0.5723	0.7697
4.8	0.2853	0.4857	0.9927	0.4052	0.0407	0.9840	0.7395	0.7565
4.9	0.2474	0.3005	0.9946	0.3969	0.0479	0.9870	0.7657	0.6842
5.0	0.1212	0.3721	0.9903	0.3351	0.0909	0.9893	0.8210	0.5922
5.1	0.3590	0.5886	0.9956	0.4286	0.1626	0.9935	0.8821	0.8015
5.2	0.1862	0.5302	0.9946	0.1501	0.1131	0.9938	0.8737	0.7602
5.3	0.4006	0.2872	0.9946	0.4066	0.0088	0.9913	0.8787	0.5225
5.4	0.3824	0.2108	0.9902	0.5679	0.0096	0.9856	0.7653	0.4383
5.5	0.3634	0.2409	0.9812	0.5041	0.0184	0.9735	0.5373	0.3499
5.6	0.5360	0.4931	0.9902	0.5791	0.1841	0.9690	0.3884	0.5096
5.7	0.7561	0.5450	0.9944	0.7288	0.0923	0.9880	0.6183	0.6169
5.8	0.7254	0.6220	0.9980	0.8089	0.0760	0.9955	0.7553	0.7835
5.9	0.6290	0.6219	0.9981	0.7788	0.2226	0.9976	0.8049	0.7542
6.0	0.6532	0.6030	0.9974	0.7669	0.2016	0.9985	0.7847	0.7406
6.1	0.7698	0.8150	0.9977	0.7385	0.1208	0.9985	0.8332	0.8425
6.2	0.7517	0.8722	0.9970	0.6321	0.4970	0.9978	0.9306	0.8267
6.3	0.8734	0.9416	0.9979	0.8153	0.5778	0.9989	0.9758	0.8830
6.4	0.8526	0.9626	0.9977	0.8739	0.5863	0.9987	0.9743	0.8780
6.5	0.8895	0.9576	0.9970	0.8993	0.5425	0.9986	0.9774	0.8552
6.6	0.9142	0.9315	0.9965	0.9338	0.5547	0.9987	0.9869	0.6066
6.7	0.9174	0.8753	0.9949	0.9323	0.5192	0.9985	0.9839	0.4928
6.8	0.9223	0.6460	0.9902	0.9199	0.3692	0.9982	0.9847	0.7840
6.9	0.9074	0.7168	0.9812	0.9078	0.4079	0.9982	0.9785	0.8219
7.0	0.8784	0.8609	0.9655	0.8843	0.4142	0.9968	0.9419	0.8447
7.1	0.8585	0.8562	0.9391	0.8608	0.3297	0.9964	0.8870	0.8774
7.2	0.8677	0.7419	0.9113	0.8725	0.1545	0.9972	0.8463	0.7164
7.3	0.9409	0.5992	0.9373	0.9456	0.0127	0.9895	0.8898	0.6821
7.4	0.9590	0.8899	0.9213	0.9584	0.0933	0.9920	0.9455	0.7867
7.5	0.9752	0.9380	0.8883	0.9744	0.2595	0.9975	0.9706	0.8319
7.6	0.9850	0.9427	0.9123	0.9852	0.3262	0.9984	0.9825	0.8487
7.7	0.9931	0.9338	0.9650	0.9946	0.2803	0.9979	0.9895	0.9168
7.8	0.9953	0.9335	0.9829	0.9971	0.2753	0.9970	0.9923	0.9235
7.9	0.9943	0.9451	0.9922	0.9960	0.5013	0.9962	0.9951	0.8881

8.0	0.9935	0.9600	0.9920	0.9952	0.4655	0.9962	0.9947	0.8642
8.1	0.9942	0.9460	0.9947	0.9960	0.5087	0.9973	0.9941	0.8919
8.2	0.9904	0.9365	0.9920	0.9929	0.4970	0.9950	0.9900	0.8762
8.3	0.9938	0.9307	0.9958	0.9951	0.6298	0.9972	0.9938	0.8802
8.4	0.9951	0.9410	0.9952	0.9960	0.6672	0.9966	0.9907	0.8656
8.5	0.9953	0.9404	0.9940	0.9961	0.6863	0.9954	0.9934	0.8324
8.6	0.9964	0.9412	0.9939	0.9968	0.7827	0.9951	0.9952	0.8304
8.7	0.9941	0.9238	0.9903	0.9947	0.7680	0.9916	0.9882	0.7989
8.8	0.9922	0.8977	0.9901	0.9927	0.7720	0.9909	0.9822	0.6856
8.9	0.9891	0.9087	0.9846	0.9895	0.8135	0.9856	0.9654	0.7603
9.0	0.9819	0.8311	0.9793	0.9836	0.7451	0.9791	0.8274	0.6365
9.1	0.9818	0.8543	0.9748	0.9827	0.7379	0.9759	0.7410	0.6551
9.2	0.9494	0.8186	0.9386	0.9492	0.6875	0.9394	0.9276	0.7536
9.3	0.9626	0.8405	0.9606	0.9625	0.8092	0.9605	0.9716	0.9155
9.4	0.9212	0.7472	0.9253	0.9222	0.6902	0.9248	0.9415	0.8636
9.5	0.9539	0.8559	0.9651	0.9567	0.7968	0.9646	0.9503	0.9256
9.6	0.9526	0.8948	0.9690	0.9548	0.6832	0.9684	0.9341	0.9447
9.7	0.9761	0.9167	0.9880	0.9785	0.6509	0.9877	0.9557	0.9629
9.8	0.9715	0.9184	0.9880	0.9761	0.6127	0.9878	0.9661	0.9462
9.9	0.9656	0.8784	0.9896	0.9728	0.5251	0.9895	0.9727	0.9435
10.0	0.9623	0.7266	0.9929	0.9733	0.2533	0.9929	0.9622	0.9445
10.1	0.9536	0.8097	0.9931	0.9695	0.1530	0.9934	0.9740	0.9402
10.2	0.9633	0.9133	0.9962	0.9765	0.2431	0.9963	0.9761	0.9480
10.3	0.9778	0.9172	0.9990	0.9867	0.3124	0.9989	0.9694	0.9527
10.4	0.9840	0.9164	0.9997	0.9893	0.3571	0.9998	0.9676	0.9523
10.5	0.9721	0.9152	0.9992	0.9863	0.3962	0.9993	0.9533	0.9441
10.6	0.9497	0.9264	0.9987	0.9790	0.4188	0.9988	0.9359	0.9377
10.7	0.9338	0.9457	0.9987	0.9736	0.4687	0.9989	0.9481	0.9111
10.8	0.9044	0.9522	0.9983	0.9581	0.5849	0.9984	0.9257	0.8656
10.9	0.9149	0.9486	0.9989	0.9391	0.7237	0.9990	0.9350	0.8775
11.0	0.9294	0.9543	0.9992	0.9401	0.7313	0.9993	0.9384	0.8547
11.1	0.9351	0.9569	0.9992	0.9386	0.6744	0.9993	0.9252	0.8608
11.2	0.9577	0.9654	0.9994	0.9372	0.7065	0.9995	0.9273	0.8073
11.3	0.9751	0.9580	0.9993	0.9538	0.6842	0.9995	0.9161	0.7918
11.4	0.9796	0.9639	0.9995	0.9676	0.7223	0.9997	0.9215	0.8603
11.5	0.9798	0.9710	0.9994	0.9672	0.7645	0.9997	0.8846	0.8828
11.6	0.9833	0.9733	0.9993	0.9741	0.7552	0.9994	0.8250	0.8825
11.7	0.9896	0.9787	0.9995	0.9858	0.7623	0.9996	0.8582	0.8824
11.8	0.9849	0.9599	0.9988	0.9797	0.7103	0.9992	0.7654	0.8184
11.9	0.9936	0.9721	0.9996	0.9909	0.8069	0.9997	0.8480	0.9050
12.0	0.9931	0.9760	0.9994	0.9908	0.7811	0.9996	0.8791	0.9387
12.1	0.9945	0.9741	0.9994	0.9928	0.7127	0.9997	0.8963	0.9381
12.2	0.9946	0.9790	0.9994	0.9941	0.7227	0.9996	0.9219	0.9339
12.3	0.9954	0.9748	0.9994	0.9955	0.7255	0.9996	0.9439	0.9335
12.4	0.9951	0.9739	0.9993	0.9960	0.7484	0.9996	0.9617	0.9167
12.5	0.9951	0.9621	0.9992	0.9966	0.6616	0.9995	0.9633	0.9043
12.6	0.9952	0.9511	0.9995	0.9964	0.6225	0.9996	0.9681	0.9420
12.7	0.9964	0.9386	0.9995	0.9965	0.5228	0.9997	0.9694	0.9386
12.8	0.9958	0.8961	0.9994	0.9966	0.5347	0.9996	0.9669	0.9251
12.9	0.9960	0.8874	0.9992	0.9965	0.6436	0.9995	0.9607	0.9091
13.0	0.9952	0.9133	0.9992	0.9969	0.7574	0.9995	0.9321	0.9134
13.1	0.9943	0.9410	0.9990	0.9973	0.8207	0.9995	0.9369	0.9110
13.2	0.9952	0.9733	0.9992	0.9969	0.8946	0.9996	0.9383	0.9321
13.3	0.9943	0.9757	0.9988	0.9966	0.9062	0.9995	0.9303	0.9386
13.4	0.9970	0.9863	0.9988	0.9976	0.9341	0.9996	0.9611	0.9053
13.5	0.9946	0.9872	0.9979	0.9954	0.9305	0.9993	0.9385	0.8481
13.6	0.9958	0.9868	0.9980	0.9952	0.9306	0.9993	0.9541	0.8709
13.7	0.9968	0.9884	0.9978	0.9962	0.9542	0.9992	0.9625	0.8947
13.8	0.9976	0.9910	0.9982	0.9967	0.9674	0.9992	0.9564	0.9104
13.9	0.9959	0.9875	0.9975	0.9952	0.9535	0.9987	0.8967	0.8919
14.0	0.9971	0.9917	0.9983	0.9967	0.9741	0.9985	0.8814	0.9067
14.1	0.9978	0.9938	0.9987	0.9969	0.9800	0.9985	0.9010	0.9095
14.2	0.9977	0.9945	0.9984	0.9971	0.9861	0.9986	0.9160	0.9075
14.3	0.9966	0.9938	0.9987	0.9960	0.9834	0.9988	0.9191	0.8930
14.4	0.9968	0.9948	0.9988	0.9962	0.9822	0.9990	0.9039	0.8953
14.5	0.9953	0.9905	0.9987	0.9949	0.9749	0.9976	0.8872	0.9039
14.6	0.9952	0.9886	0.9962	0.9948	0.9746	0.9936	0.8995	0.9141
14.7	0.9962	0.9856	0.9944	0.9963	0.9703	0.9911	0.9369	0.8744
14.8	0.9971	0.9849	0.9957	0.9968	0.9723	0.9918	0.9423	0.8936
14.9	0.9966	0.9777	0.9976	0.9959	0.9681	0.9927	0.9428	0.9124
15.0	0.9983	0.9820	0.9977	0.9980	0.9653	0.9968	0.9718	0.9317
15.1	0.9965	0.9740	0.9971	0.9963	0.9537	0.9966	0.9686	0.9045
15.2	0.9965	0.9775	0.9973	0.9959	0.9612	0.9976	0.9704	0.9098
15.3	0.9949	0.9736	0.9968	0.9947	0.9582	0.9984	0.9693	0.9140
15.4	0.9968	0.9777	0.9969	0.9967	0.9694	0.9990	0.9751	0.9311
15.5	0.9959	0.9724	0.9944	0.9959	0.9594	0.9986	0.9704	0.9167
15.6	0.9944	0.9567	0.9898	0.9934	0.9489	0.9982	0.9673	0.9178
15.7	0.9964	0.9701	0.9859	0.9952	0.9670	0.9968	0.9759	0.9484
15.8	0.9961	0.9656	0.9744	0.9945	0.9631	0.9962	0.9831	0.9495
15.9	0.9967	0.9780	0.9750	0.9951	0.9747	0.9948	0.9797	0.9576
16.0	0.9957	0.9647	0.9507	0.9932	0.9595	0.9891	0.9331	0.9097
16.1	0.9953	0.9737	0.9551	0.9932	0.9723	0.9911	0.9399	0.8728
16.2	0.9946	0.9762	0.9345	0.9930	0.9720	0.9924	0.9558	0.9053
16.3	0.9903	0.9642	0.8966	0.9888	0.9587	0.9875	0.9475	0.8869
16.4	0.9864	0.9640	0.9280	0.9873	0.9551	0.9854	0.9578	0.9088
16.5	0.9859	0.9674	0.9290	0.9844	0.9504	0.9859	0.9700	0.8504

16.6	0.9902	0.9505	0.9462	0.9884	0.9161	0.9847	0.9299	0.7284
16.7	0.9917	0.9628	0.9676	0.9943	0.9262	0.9858	0.9323	0.5841
16.8	0.9847	0.9315	0.9732	0.9877	0.8885	0.9836	0.9190	0.1217
16.9	0.9852	0.9382	0.9880	0.9872	0.8910	0.9847	0.9338	0.2031
17.0	0.9804	0.9243	0.9846	0.9804	0.8365	0.9791	0.8696	0.1036
17.1	0.9904	0.9139	0.9593	0.9915	0.8639	0.9902	0.8698	0.0417
17.2	0.9827	0.8754	0.9621	0.9849	0.8407	0.9865	0.8642	0.4065
17.3	0.9871	0.9019	0.9927	0.9872	0.8359	0.9890	0.9211	0.6376
17.4	0.9876	0.9506	0.9964	0.9880	0.8703	0.9874	0.9873	0.3110
17.5	0.9904	0.9691	0.9885	0.9905	0.9215	0.9901	0.9836	0.1208
17.6	0.9913	0.9674	0.9845	0.9919	0.9293	0.9930	0.9801	0.0336
17.7	0.9940	0.9750	0.9898	0.9943	0.9371	0.9922	0.9895	0.0765
17.8	0.9942	0.9805	0.9895	0.9948	0.9487	0.9918	0.9862	0.3517
17.9	0.9947	0.9737	0.9881	0.9951	0.9494	0.9914	0.9804	0.4903
18.0	0.9965	0.9669	0.9900	0.9969	0.9375	0.9936	0.9825	0.6501
18.1	0.9946	0.9585	0.9833	0.9949	0.9008	0.9909	0.9764	0.6949
18.2	0.9966	0.9526	0.9850	0.9967	0.8924	0.9929	0.9791	0.6840
18.3	0.9968	0.9546	0.9860	0.9971	0.9067	0.9929	0.9826	0.6439
18.4	0.9962	0.9458	0.9751	0.9965	0.8992	0.9799	0.9844	0.4562
18.5	0.9960	0.9253	0.9416	0.9961	0.8783	0.9504	0.9829	0.2564
18.6	0.9977	0.8899	0.9034	0.9980	0.8790	0.9001	0.9742	0.5881
18.7	0.9976	0.8562	0.9522	0.9980	0.8590	0.9633	0.9774	0.6284
18.8	0.9971	0.8535	0.9743	0.9975	0.8360	0.9804	0.9741	0.5075
18.9	0.9971	0.8741	0.9770	0.9974	0.8213	0.9814	0.9819	0.4654
19.0	0.9973	0.8551	0.9776	0.9976	0.7916	0.9844	0.9806	0.5277
19.1	0.9959	0.7599	0.9679	0.9960	0.6543	0.9765	0.9657	0.3942
19.2	0.9956	0.7796	0.9674	0.9963	0.5697	0.9711	0.9769	0.4858
19.3	0.9946	0.7707	0.9718	0.9949	0.4991	0.9695	0.9636	0.3670
19.4	0.9951	0.7378	0.9713	0.9953	0.4462	0.9736	0.9707	0.4194
19.5	0.9947	0.6678	0.9724	0.9950	0.4172	0.9755	0.9716	0.1613
19.6	0.9960	0.6746	0.9777	0.9959	0.4099	0.9760	0.9802	0.0725
19.7	0.9949	0.6640	0.9658	0.9948	0.3359	0.9689	0.9745	0.0464
19.8	0.9938	0.6263	0.9627	0.9929	0.3798	0.9720	0.9753	0.0851
19.9	0.9951	0.6474	0.9675	0.9951	0.4221	0.9766	0.9806	0.2361
20.0	0.9941	0.6967	0.9620	0.9940	0.4409	0.9764	0.9760	0.3615
20.1	0.9952	0.7837	0.9695	0.9950	0.3500	0.9802	0.9829	0.5044
20.2	0.9949	0.8479	0.9730	0.9954	0.4824	0.9817	0.9804	0.6485
20.3	0.9947	0.8554	0.9697	0.9953	0.4075	0.9836	0.9731	0.6557
20.4	0.9961	0.9073	0.9760	0.9958	0.6255	0.9882	0.9826	0.7206
20.5	0.9962	0.8931	0.9717	0.9964	0.6396	0.9832	0.9834	0.7028
20.6	0.9955	0.8433	0.9476	0.9961	0.4620	0.9695	0.9778	0.5991
20.7	0.9961	0.8516	0.9578	0.9964	0.4784	0.9743	0.9732	0.5670
20.8	0.9964	0.7524	0.9429	0.9965	0.6151	0.9687	0.9760	0.6532
20.9	0.9968	0.6440	0.9302	0.9973	0.7023	0.9650	0.9671	0.5887
21.0	0.9975	0.6415	0.9419	0.9979	0.7108	0.9685	0.9643	0.6608
21.1	0.9983	0.6331	0.9428	0.9985	0.7700	0.9658	0.9679	0.6843
21.2	0.9977	0.5753	0.9061	0.9981	0.7686	0.9367	0.9535	0.5753
21.3	0.9980	0.4364	0.9048	0.9983	0.7281	0.9212	0.9573	0.5928
21.4	0.9982	0.4498	0.9371	0.9982	0.6048	0.9296	0.9447	0.5404
21.5	0.9983	0.4756	0.9485	0.9985	0.6637	0.9253	0.9390	0.6129
21.6	0.9986	0.5225	0.9670	0.9988	0.7220	0.9469	0.9505	0.6830
21.7	0.9983	0.4987	0.9521	0.9986	0.6880	0.9233	0.9373	0.7007
21.8	0.9983	0.4762	0.9620	0.9983	0.7176	0.9435	0.9391	0.6938
21.9	0.9984	0.5137	0.9729	0.9984	0.7492	0.9591	0.8969	0.6374
22.0	0.9986	0.5351	0.9825	0.9990	0.7036	0.9677	0.8658	0.6704
22.1	0.9987	0.5236	0.9825	0.9991	0.6609	0.9758	0.8730	0.7110
22.2	0.9990	0.6224	0.9884	0.9992	0.6608	0.9849	0.8848	0.6978
22.3	0.9991	0.7244	0.9912	0.9992	0.7180	0.9838	0.8637	0.7363
22.4	0.9988	0.6624	0.9915	0.9988	0.5772	0.9861	0.8371	0.7661
22.5	0.9991	0.6383	0.9938	0.9992	0.6131	0.9929	0.8317	0.8345
22.6	0.9989	0.6004	0.9933	0.9990	0.5478	0.9878	0.7812	0.8289
22.7	0.9993	0.7282	0.9955	0.9992	0.6235	0.9918	0.8037	0.9228
22.8	0.9991	0.6637	0.9954	0.9989	0.5772	0.9922	0.7082	0.9115
22.9	0.9992	0.6666	0.9956	0.9989	0.6576	0.9914	0.5425	0.9050
23.0	0.9992	0.6652	0.9955	0.9991	0.7123	0.9936	0.5426	0.9210
23.1	0.9994	0.7202	0.9966	0.9994	0.8022	0.9946	0.5885	0.9416
23.2	0.9993	0.7048	0.9960	0.9992	0.8141	0.9952	0.4604	0.9488
23.3	0.9993	0.6622	0.9969	0.9995	0.8409	0.9933	0.2512	0.9496
23.4	0.9994	0.6811	0.9964	0.9996	0.8682	0.9925	0.2229	0.9526
23.5	0.9993	0.5809	0.9954	0.9994	0.8217	0.9882	0.2170	0.9220
23.6	0.9992	0.5765	0.9929	0.9992	0.8228	0.9713	0.0753	0.8545
23.7	0.9989	0.3557	0.9859	0.9989	0.8102	0.9638	0.0918	0.8266
23.8	0.9992	0.3084	0.9848	0.9990	0.8385	0.9722	0.1823	0.8179
23.9	0.9992	0.1465	0.9835	0.9992	0.8092	0.9641	0.3316	0.8289
24.0	0.9994	0.1017	0.9818	0.9993	0.8318	0.9667	0.4459	0.8633
24.1	0.9992	0.0085	0.9670	0.9991	0.8516	0.9419	0.4089	0.7788
24.2	0.9991	0.0218	0.9661	0.9991	0.8743	0.9468	0.4419	0.7451
24.3	0.9993	0.1283	0.9788	0.9993	0.8814	0.9623	0.6356	0.8303
24.4	0.9994	0.3295	0.9847	0.9993	0.8872	0.9652	0.7532	0.8569
24.5	0.9992	0.4063	0.9850	0.9993	0.8672	0.9722	0.7762	0.8280
24.6	0.9992	0.4796	0.9811	0.9992	0.8719	0.9788	0.7959	0.8001
24.7	0.9994	0.3936	0.9906	0.9992	0.8327	0.9886	0.8307	0.8625
24.8	0.9994	0.5538	0.9938	0.9995	0.8609	0.9945	0.9153	0.9071
24.9	0.9993	0.5415	0.9944	0.9996	0.8837	0.9953	0.9575	0.9213
25.0	0.9992	0.5202	0.9928	0.9994	0.8066	0.9948	0.9572	0.9339
25.1	0.9992	0.5406	0.9900	0.9993	0.8053	0.9931	0.9530	0.9238

25.2	0.9994	0.6060	0.9891	0.9995	0.8662	0.9950	0.9595	0.9149
25.3	0.9994	0.5820	0.9842	0.9995	0.8421	0.9947	0.9719	0.9376
25.4	0.9993	0.6621	0.9815	0.9995	0.8359	0.9927	0.9556	0.9387
25.5	0.9992	0.6482	0.9783	0.9995	0.8218	0.9919	0.9266	0.9178
25.6	0.9994	0.6385	0.9620	0.9995	0.8109	0.9871	0.8912	0.9066
25.7	0.9995	0.6105	0.9576	0.9995	0.8033	0.9843	0.8593	0.9054
25.8	0.9996	0.6196	0.9736	0.9996	0.7976	0.9917	0.8873	0.9102
25.9	0.9997	0.6855	0.9734	0.9997	0.8151	0.9948	0.8926	0.9278
26.0	0.9996	0.6011	0.9516	0.9996	0.8333	0.9930	0.8207	0.9038
26.1	0.9995	0.4844	0.9412	0.9995	0.8044	0.9924	0.7316	0.8667
26.2	0.9995	0.5195	0.9394	0.9995	0.8430	0.9940	0.7942	0.8942
26.3	0.9994	0.2873	0.8771	0.9995	0.8569	0.9917	0.7549	0.8618
26.4	0.9994	0.1560	0.9271	0.9993	0.8631	0.9912	0.6936	0.8363
26.5	0.9995	0.3909	0.9705	0.9994	0.9022	0.9948	0.7668	0.8501
26.6	0.9994	0.7046	0.9729	0.9993	0.8254	0.9923	0.6747	0.8182
26.7	0.9995	0.8851	0.9811	0.9995	0.8143	0.9892	0.5933	0.8806
26.8	0.9994	0.8632	0.9873	0.9993	0.7789	0.9890	0.4655	0.8866
26.9	0.9995	0.9136	0.9915	0.9992	0.7881	0.9937	0.3928	0.9286
27.0	0.9994	0.9395	0.9890	0.9991	0.7802	0.9948	0.3653	0.9221
27.1	0.9995	0.9473	0.9916	0.9993	0.7648	0.9943	0.3406	0.9157
27.2	0.9995	0.9619	0.9918	0.9994	0.7758	0.9950	0.1901	0.9332
27.3	0.9996	0.9648	0.9937	0.9994	0.7753	0.9962	0.1281	0.9362
27.4	0.9995	0.9789	0.9960	0.9995	0.7840	0.9969	0.2055	0.9526
27.5	0.9996	0.9778	0.9950	0.9995	0.8433	0.9976	0.2205	0.9555
27.6	0.9996	0.9794	0.9956	0.9996	0.8345	0.9964	0.2360	0.9610
27.7	0.9996	0.9767	0.9946	0.9995	0.8206	0.9970	0.2524	0.9606
27.8	0.9997	0.9863	0.9961	0.9997	0.8658	0.9978	0.4251	0.9710
27.9	0.9996	0.9874	0.9971	0.9997	0.8686	0.9971	0.4147	0.9636
28.0	0.9995	0.9908	0.9973	0.9997	0.8232	0.9970	0.5058	0.9647
28.1	0.9995	0.9837	0.9975	0.9996	0.8454	0.9975	0.5075	0.9666
28.2	0.9995	0.9779	0.9961	0.9996	0.8388	0.9971	0.4859	0.9570
28.3	0.9992	0.9713	0.9926	0.9992	0.6898	0.9960	0.5393	0.9517
28.4	0.9994	0.9781	0.9975	0.9996	0.7740	0.9972	0.5545	0.9379
28.5	0.9995	0.9805	0.9983	0.9996	0.7566	0.9979	0.5854	0.9526
28.6	0.9996	0.9808	0.9978	0.9997	0.7321	0.9975	0.5873	0.9475
28.7	0.9995	0.9759	0.9976	0.9997	0.7026	0.9974	0.6118	0.9489
28.8	0.9996	0.9829	0.9982	0.9997	0.7234	0.9974	0.7466	0.9655
28.9	0.9995	0.9804	0.9982	0.9997	0.6671	0.9971	0.7227	0.9282
29.0	0.9995	0.9746	0.9980	0.9996	0.4270	0.9975	0.7993	0.9182
29.1	0.9994	0.9759	0.9982	0.9997	0.2497	0.9972	0.8272	0.9300
29.2	0.9997	0.9772	0.9988	0.9998	0.2964	0.9979	0.8913	0.9625
29.3	0.9997	0.9772	0.9987	0.9997	0.4671	0.9970	0.8867	0.9604
29.4	0.9996	0.9777	0.9985	0.9997	0.4346	0.9974	0.8485	0.9506
29.5	0.9993	0.9701	0.9977	0.9995	0.4411	0.9957	0.8597	0.9368
29.6	0.9994	0.9716	0.9985	0.9996	0.6202	0.9983	0.9303	0.9655
29.7	0.9995	0.9678	0.9980	0.9995	0.7082	0.9980	0.9228	0.9531
29.8	0.9996	0.9705	0.9969	0.9994	0.7463	0.9972	0.9171	0.9500
29.9	0.9995	0.9498	0.9894	0.9985	0.7518	0.9927	0.9116	0.9435
30.0	0.9995	0.9418	0.9925	0.9989	0.8364	0.9944	0.9011	0.9350
30.1	0.9997	0.9359	0.9969	0.9996	0.8563	0.9979	0.9420	0.9543
30.2	0.9996	0.8963	0.9943	0.9996	0.8745	0.9971	0.9389	0.9472
30.3	0.9994	0.8200	0.9908	0.9996	0.8801	0.9977	0.9457	0.9523
30.4	0.9994	0.8659	0.9870	0.9995	0.7331	0.9958	0.9324	0.9210
30.5	0.9993	0.9172	0.9890	0.9995	0.5908	0.9943	0.9429	0.9351
30.6	0.9993	0.9201	0.9915	0.9993	0.6625	0.9955	0.9315	0.9326
30.7	0.9994	0.8738	0.9947	0.9994	0.7670	0.9944	0.9350	0.9137
30.8	0.9995	0.8588	0.9945	0.9994	0.8327	0.9957	0.9378	0.9066
30.9	0.9996	0.8457	0.9942	0.9996	0.8759	0.9971	0.9441	0.9026
31.0	0.9996	0.6998	0.9933	0.9995	0.8801	0.9964	0.9386	0.8955
31.1	0.9995	0.5471	0.9896	0.9995	0.8913	0.9963	0.9319	0.8490
31.2	0.9994	0.4387	0.9878	0.9994	0.8468	0.9961	0.9207	0.7462
31.3	0.9993	0.5165	0.9850	0.9993	0.8660	0.9953	0.9309	0.7103
31.4	0.9993	0.5578	0.9839	0.9993	0.9008	0.9965	0.9537	0.7180
31.5	0.9994	0.5595	0.9825	0.9992	0.8904	0.9966	0.9538	0.7102
31.6	0.9993	0.4898	0.9763	0.9988	0.8755	0.9960	0.9294	0.5521
31.7	0.9990	0.5703	0.9676	0.9990	0.8886	0.9950	0.9220	0.3426
31.8	0.9985	0.5336	0.9442	0.9984	0.8431	0.9918	0.9088	0.1386
31.9	0.9990	0.6879	0.9388	0.9987	0.8958	0.9931	0.9350	0.1762
32.0	0.9991	0.6700	0.9180	0.9984	0.8826	0.9921	0.9390	0.2660
32.1	0.9987	0.6213	0.8705	0.9977	0.8214	0.9867	0.8948	0.3171
32.2	0.9982	0.6504	0.8370	0.9972	0.8094	0.9812	0.8523	0.3937
32.3	0.9979	0.6490	0.8267	0.9963	0.8549	0.9799	0.8686	0.4030
32.4	0.9987	0.6533	0.8962	0.9963	0.8875	0.9845	0.9125	0.4529
32.5	0.9986	0.7147	0.9280	0.9956	0.8997	0.9811	0.9164	0.6078
32.6	0.9985	0.7569	0.9515	0.9962	0.9160	0.9748	0.9090	0.6340
32.7	0.9980	0.7270	0.9396	0.9960	0.8866	0.9684	0.8847	0.5610
32.8	0.9986	0.6973	0.9436	0.9956	0.8859	0.9691	0.9019	0.5063
32.9	0.9988	0.7614	0.9430	0.9965	0.9207	0.9690	0.8787	0.5577
33.0	0.9987	0.7583	0.9289	0.9969	0.9053	0.9615	0.8917	0.6079
33.1	0.9990	0.6811	0.9343	0.9959	0.9068	0.9455	0.8807	0.4922
33.2	0.9986	0.4837	0.9289	0.9944	0.8999	0.9284	0.8412	0.4227
33.3	0.9986	0.4122	0.9261	0.9940	0.8706	0.9166	0.8150	0.5510
33.4	0.9988	0.5225	0.9475	0.9951	0.8648	0.9360	0.8494	0.6446
33.5	0.9993	0.5904	0.9544	0.9957	0.8425	0.9405	0.8774	0.7113
33.6	0.9991	0.5416	0.9143	0.9936	0.7119	0.9107	0.8125	0.6495
33.7	0.9989	0.6123	0.8919	0.9933	0.5576	0.8918	0.8337	0.6208

33.8	0.9990	0.7464	0.9053	0.9949	0.3700	0.9190	0.8282	0.7140
33.9	0.9990	0.6476	0.8531	0.9926	0.1885	0.8905	0.7936	0.6713
34.0	0.9991	0.6685	0.8512	0.9935	0.0279	0.8885	0.7725	0.6600
34.1	0.9991	0.7169	0.8290	0.9954	0.3204	0.9158	0.8337	0.7318
34.2	0.9990	0.7412	0.8074	0.9957	0.4449	0.9056	0.7912	0.7688
34.3	0.9991	0.7933	0.8197	0.9958	0.6216	0.9286	0.7544	0.8271
34.4	0.9989	0.8162	0.8304	0.9958	0.5893	0.9028	0.7994	0.8090
34.5	0.9991	0.8064	0.7967	0.9957	0.5979	0.8735	0.7793	0.8241
34.6	0.9989	0.8177	0.7514	0.9963	0.6613	0.8379	0.5932	0.8404
34.7	0.9987	0.8087	0.6824	0.9960	0.7213	0.8092	0.4923	0.8353
34.8	0.9988	0.8066	0.6140	0.9949	0.7481	0.7316	0.3516	0.8357
34.9	0.9990	0.8938	0.7457	0.9969	0.7716	0.7085	0.2649	0.9088
35.0	0.9988	0.8955	0.6778	0.9975	0.8088	0.6972	0.1917	0.9266
35.1	0.9982	0.8689	0.5133	0.9969	0.8244	0.6900	0.3206	0.8986
35.2	0.9985	0.8845	0.4891	0.9974	0.8394	0.7421	0.4090	0.9147
35.3	0.9985	0.8664	0.5437	0.9966	0.8475	0.8125	0.3336	0.9217
35.4	0.9983	0.8972	0.7011	0.9977	0.8410	0.9065	0.4644	0.9299
35.5	0.9980	0.9038	0.7075	0.9980	0.8427	0.9366	0.5064	0.9392
35.6	0.9980	0.9036	0.7378	0.9981	0.8703	0.9489	0.5994	0.9537
35.7	0.9982	0.9263	0.7762	0.9981	0.8167	0.9528	0.7294	0.9636
35.8	0.9983	0.9470	0.8862	0.9985	0.8141	0.9687	0.8349	0.9784
35.9	0.9987	0.9468	0.8904	0.9990	0.8027	0.9769	0.8753	0.9720
36.0	0.9983	0.9560	0.8899	0.9986	0.7791	0.9786	0.9112	0.9702
36.1	0.9981	0.9630	0.8609	0.9984	0.8105	0.9848	0.9331	0.9714
36.2	0.9986	0.9719	0.8667	0.9988	0.8245	0.9882	0.9553	0.9784
36.3	0.9985	0.9692	0.8898	0.9986	0.8337	0.9888	0.9485	0.9759
36.4	0.9986	0.9724	0.8895	0.9986	0.8734	0.9921	0.9703	0.9748
36.5	0.9981	0.9748	0.9143	0.9981	0.8513	0.9901	0.9761	0.9669
36.6	0.9979	0.9737	0.9295	0.9978	0.8796	0.9886	0.9743	0.9674
36.7	0.9979	0.9789	0.9483	0.9976	0.9139	0.9896	0.9743	0.9721
36.8	0.9968	0.9794	0.9546	0.9969	0.8983	0.9898	0.9693	0.9651
36.9	0.9985	0.9864	0.9773	0.9985	0.9480	0.9922	0.9797	0.9798
37.0	0.9975	0.9815	0.9790	0.9977	0.9485	0.9902	0.9821	0.9710
37.1	0.9964	0.9769	0.9819	0.9966	0.9520	0.9905	0.9792	0.9741
37.2	0.9968	0.9842	0.9801	0.9967	0.9555	0.9908	0.9846	0.9713
37.3	0.9966	0.9776	0.9753	0.9966	0.9480	0.9872	0.9787	0.9675
37.4	0.9968	0.9768	0.9853	0.9967	0.9510	0.9875	0.9779	0.9794
37.5	0.9969	0.9790	0.9883	0.9970	0.9668	0.9869	0.9839	0.9688
37.6	0.9968	0.9826	0.9875	0.9970	0.9764	0.9891	0.9803	0.9707
37.7	0.9954	0.9765	0.9867	0.9957	0.9717	0.9828	0.9790	0.9686
37.8	0.9967	0.9747	0.9809	0.9969	0.9796	0.9789	0.9800	0.9656
37.9	0.9942	0.9674	0.9710	0.9946	0.9619	0.9717	0.9687	0.9427
38.0	0.9952	0.9463	0.9660	0.9955	0.9668	0.9702	0.9575	0.9163
38.1	0.9969	0.9577	0.9699	0.9972	0.9733	0.9716	0.9652	0.9133
38.2	0.9969	0.9460	0.9462	0.9970	0.9748	0.9639	0.9745	0.9046
38.3	0.9973	0.9477	0.9455	0.9969	0.9809	0.9763	0.9787	0.9111
38.4	0.9966	0.9274	0.8648	0.9964	0.9729	0.9613	0.9741	0.9000
38.5	0.9958	0.9209	0.6825	0.9960	0.9630	0.9477	0.9645	0.9152
38.6	0.9975	0.9468	0.6033	0.9972	0.9681	0.9750	0.9636	0.9446
38.7	0.9961	0.9080	0.3499	0.9957	0.9493	0.9601	0.9520	0.9375
38.8	0.9961	0.9038	0.6229	0.9956	0.9424	0.9686	0.9597	0.9466
38.9	0.9968	0.9003	0.8044	0.9964	0.9323	0.9699	0.9593	0.9580
39.0	0.9969	0.9297	0.9249	0.9964	0.9304	0.9765	0.9593	0.9674
39.1	0.9979	0.9283	0.9603	0.9975	0.9438	0.9792	0.9628	0.9667
39.2	0.9975	0.9209	0.9529	0.9970	0.9331	0.9763	0.9523	0.9686
39.3	0.9969	0.9071	0.9637	0.9965	0.9256	0.9808	0.9512	0.9687
39.4	0.9965	0.9225	0.9745	0.9958	0.9216	0.9752	0.9550	0.9535
39.5	0.9964	0.9016	0.9770	0.9956	0.9394	0.9750	0.9552	0.9602
39.6	0.9967	0.8725	0.9795	0.9961	0.9150	0.9788	0.9493	0.9582
39.7	0.9958	0.6778	0.9799	0.9953	0.8755	0.9740	0.9376	0.9313
39.8	0.9968	0.6514	0.9806	0.9967	0.9125	0.9794	0.9520	0.9441
39.9	0.9963	0.6523	0.9840	0.9961	0.9169	0.9812	0.9629	0.9564
40.0	0.9959	0.4874	0.9819	0.9959	0.8663	0.9806	0.9540	0.9322
40.1	0.9964	0.2836	0.9855	0.9962	0.8346	0.9842	0.9415	0.9204
40.2	0.9960	0.0797	0.9905	0.9957	0.8405	0.9862	0.9495	0.9283
40.3	0.9952	0.0942	0.9865	0.9950	0.7578	0.9821	0.9249	0.8517
40.4	0.9956	0.4397	0.9916	0.9957	0.7955	0.9874	0.9150	0.8483
40.5	0.9950	0.5694	0.9905	0.9960	0.7251	0.9875	0.9068	0.7972
40.6	0.9953	0.6936	0.9940	0.9959	0.7549	0.9891	0.8595	0.7443
40.7	0.9966	0.7736	0.9937	0.9973	0.7511	0.9904	0.8401	0.6656
40.8	0.9957	0.8256	0.9942	0.9966	0.7907	0.9883	0.8436	0.5679
40.9	0.9951	0.8374	0.9944	0.9958	0.8014	0.9888	0.8354	0.3842
41.0	0.9939	0.7794	0.9903	0.9947	0.7150	0.9839	0.8127	0.0669
41.1	0.9953	0.8344	0.9939	0.9963	0.8085	0.9845	0.8191	0.1868
41.2	0.9958	0.8615	0.9908	0.9967	0.8171	0.9815	0.8430	0.1802
41.3	0.9971	0.9024	0.9915	0.9972	0.8637	0.9766	0.8570	0.1356
41.4	0.9972	0.8907	0.9924	0.9977	0.8749	0.9794	0.8727	0.2576
41.5	0.9968	0.8471	0.9930	0.9975	0.8663	0.9868	0.8998	0.3704
41.6	0.9968	0.8257	0.9926	0.9972	0.8610	0.9844	0.9011	0.4222
41.7	0.9964	0.7873	0.9921	0.9970	0.8357	0.9774	0.8959	0.5356
41.8	0.9967	0.7642	0.9931	0.9972	0.8167	0.9650	0.8625	0.3195
41.9	0.9965	0.8818	0.9933	0.9974	0.8176	0.9662	0.8347	0.2255
42.0	0.9968	0.9351	0.9945	0.9972	0.8092	0.9724	0.8157	0.2978
42.1	0.9966	0.9359	0.9931	0.9972	0.8325	0.9735	0.7649	0.2679
42.2	0.9974	0.9461	0.9909	0.9969	0.8512	0.9803	0.7403	0.1341
42.3	0.9971	0.9518	0.9939	0.9968	0.8750	0.9846	0.7039	0.2834

42.4	0.9972	0.9574	0.9966	0.9978	0.9067	0.9848	0.7401	0.2887
42.5	0.9971	0.9526	0.9958	0.9973	0.9025	0.9838	0.7302	0.3596
42.6	0.9970	0.9430	0.9954	0.9976	0.9031	0.9835	0.7566	0.5657
42.7	0.9962	0.8852	0.9868	0.9966	0.8820	0.9855	0.6586	0.4283
42.8	0.9960	0.9080	0.9894	0.9960	0.8942	0.9854	0.3153	0.3029
42.9	0.9960	0.9375	0.9932	0.9961	0.8957	0.9819	0.4013	0.7136
43.0	0.9955	0.9379	0.9943	0.9954	0.9051	0.9879	0.6423	0.7482
43.1	0.9973	0.9217	0.9825	0.9974	0.9149	0.9736	0.6905	0.6200
43.2	0.9968	0.9326	0.9760	0.9964	0.9103	0.9511	0.6230	0.1848
43.3	0.9965	0.9630	0.9847	0.9963	0.8339	0.9292	0.5724	0.6223
43.4	0.9967	0.9677	0.9897	0.9971	0.8041	0.9539	0.6519	0.8584
43.5	0.9952	0.9619	0.9904	0.9958	0.8629	0.9737	0.7962	0.8604
43.6	0.9949	0.9773	0.9943	0.9959	0.8984	0.9820	0.8812	0.9209
43.7	0.9952	0.9785	0.9933	0.9958	0.8989	0.9867	0.8720	0.9039
43.8	0.9960	0.9703	0.9932	0.9959	0.8810	0.9903	0.8741	0.9010
43.9	0.9977	0.9689	0.9926	0.9976	0.9027	0.9875	0.9165	0.9316
44.0	0.9964	0.9519	0.9931	0.9967	0.8582	0.9858	0.9032	0.9082
44.1	0.9955	0.9523	0.9937	0.9950	0.8681	0.9816	0.9097	0.9363
44.2	0.9953	0.9781	0.9931	0.9958	0.9333	0.9901	0.9355	0.9454
44.3	0.9945	0.9851	0.9900	0.9954	0.9449	0.9839	0.9499	0.9095
44.4	0.9961	0.9793	0.9869	0.9967	0.9310	0.9828	0.9374	0.8217
44.5	0.9960	0.9649	0.9920	0.9959	0.9245	0.9821	0.9178	0.8310
44.6	0.9956	0.9532	0.9917	0.9946	0.9414	0.9651	0.9218	0.8831
44.7	0.9963	0.9227	0.9910	0.9963	0.9543	0.9711	0.9493	0.9567
44.8	0.9964	0.8623	0.9857	0.9955	0.9395	0.9457	0.9633	0.9577
44.9	0.9964	0.9242	0.9788	0.9952	0.9413	0.9694	0.9517	0.9507
45.0	0.9938	0.9532	0.9871	0.9931	0.9316	0.9879	0.9311	0.9589
45.1	0.9945	0.9536	0.9938	0.9949	0.9114	0.9914	0.9132	0.9481
45.2	0.9955	0.9680	0.9917	0.9961	0.9118	0.9908	0.9435	0.9656
45.3	0.9965	0.9716	0.9908	0.9968	0.9408	0.9938	0.9571	0.9736
45.4	0.9924	0.9572	0.9838	0.9941	0.9101	0.9909	0.9294	0.9489
45.5	0.9896	0.9339	0.9899	0.9940	0.8386	0.9581	0.9217	0.9367
45.6	0.9901	0.9720	0.9902	0.9940	0.8848	0.9670	0.9416	0.9535
45.7	0.9928	0.9688	0.9846	0.9944	0.9156	0.9928	0.9517	0.9610
45.8	0.9939	0.9699	0.9827	0.9939	0.9092	0.9942	0.9524	0.9677
45.9	0.9961	0.9658	0.9914	0.9959	0.9161	0.9930	0.9581	0.9739
46.0	0.9961	0.9706	0.9952	0.9964	0.9349	0.9912	0.9645	0.9753
46.1	0.9968	0.9659	0.9948	0.9968	0.9474	0.9940	0.9594	0.9822
46.2	0.9941	0.9601	0.9856	0.9929	0.9236	0.9955	0.9609	0.9794
46.3	0.9965	0.9696	0.9862	0.9957	0.9370	0.9967	0.9524	0.9813
46.4	0.9976	0.9585	0.9928	0.9971	0.9333	0.9984	0.9534	0.9818
46.5	0.9985	0.9566	0.9920	0.9973	0.9376	0.9984	0.9579	0.9844
46.6	0.9959	0.9605	0.9878	0.9957	0.9242	0.9957	0.9371	0.9793
46.7	0.9942	0.9736	0.9757	0.9935	0.9298	0.9956	0.9355	0.9764
46.8	0.9928	0.9789	0.9701	0.9948	0.8979	0.9947	0.9192	0.9630
46.9	0.9958	0.9676	0.9836	0.9963	0.8973	0.9919	0.9076	0.9712
47.0	0.9973	0.9667	0.9949	0.9968	0.9202	0.9921	0.9250	0.9783
47.1	0.9958	0.9735	0.9930	0.9961	0.9174	0.9920	0.9453	0.9774
47.2	0.9945	0.9711	0.9893	0.9950	0.9088	0.9957	0.9462	0.9838
47.3	0.9946	0.9643	0.9848	0.9955	0.8842	0.9962	0.9302	0.9746
47.4	0.9965	0.9663	0.9884	0.9969	0.8688	0.9966	0.9292	0.9738
47.5	0.9954	0.9622	0.9902	0.9957	0.8208	0.9966	0.9051	0.9708
47.6	0.9954	0.9477	0.9901	0.9958	0.8731	0.9976	0.8689	0.9696
47.7	0.9947	0.9269	0.9787	0.9943	0.8773	0.9935	0.8714	0.9600
47.8	0.9948	0.9248	0.9749	0.9946	0.8537	0.9855	0.8606	0.9401
47.9	0.9953	0.9178	0.9762	0.9955	0.7629	0.9827	0.8334	0.9273
48.0	0.9948	0.9329	0.9868	0.9949	0.7741	0.9869	0.8533	0.9399
48.1	0.9950	0.8749	0.9872	0.9947	0.7299	0.9871	0.9059	0.9512
48.2	0.9927	0.8297	0.9874	0.9942	0.6950	0.9936	0.8758	0.9658
48.3	0.9923	0.7412	0.9825	0.9930	0.7226	0.9934	0.8678	0.9531
48.4	0.9939	0.7103	0.9820	0.9938	0.6878	0.9921	0.8512	0.9437
48.5	0.9941	0.7121	0.9816	0.9946	0.6786	0.9874	0.8292	0.9283
48.6	0.9927	0.6198	0.9818	0.9922	0.6638	0.9878	0.8299	0.9403
48.7	0.9915	0.1478	0.9792	0.9927	0.5709	0.9813	0.7771	0.9214
48.8	0.9931	0.2517	0.9761	0.9947	0.5330	0.9734	0.7539	0.9119
48.9	0.9940	0.5718	0.9852	0.9940	0.5034	0.9858	0.7472	0.8985
49.0	0.9913	0.3687	0.9855	0.9920	0.4874	0.9897	0.6529	0.8758
49.1	0.9919	0.3497	0.9795	0.9917	0.5460	0.9898	0.5776	0.8418
49.2	0.9915	0.3737	0.9757	0.9908	0.5321	0.9855	0.6073	0.8402
49.3	0.9928	0.4677	0.9755	0.9928	0.5981	0.9875	0.6025	0.8699
49.4	0.9895	0.4009	0.9742	0.9900	0.5061	0.9884	0.5771	0.8837
49.5	0.9869	0.2581	0.9645	0.9852	0.4723	0.9796	0.3878	0.7359
49.6	0.9849	0.3342	0.9670	0.9823	0.4114	0.9838	0.4378	0.6926
49.7	0.9862	0.4668	0.9768	0.9816	0.3716	0.9802	0.4036	0.7128
49.8	0.9862	0.3578	0.9800	0.9816	0.4020	0.9836	0.3608	0.6927
49.9	0.9851	0.2536	0.9705	0.9820	0.3270	0.9857	0.4284	0.5939
50.0	0.9896	0.1684	0.9753	0.9843	0.3335	0.9887	0.5406	0.4743
50.1	0.9902	0.1521	0.9804	0.9841	0.2355	0.9867	0.3575	0.4746
50.2	0.9913	0.2590	0.9844	0.9856	0.1259	0.9869	0.4494	0.4793
50.3	0.9854	0.1435	0.9765	0.9810	0.0539	0.9824	0.3180	0.2564
50.4	0.9811	0.1719	0.9627	0.9680	0.0834	0.9792	0.2176	0.3684
50.5	0.9908	0.2491	0.9817	0.9795	0.0972	0.9886	0.4855	0.4714
50.6	0.9912	0.1263	0.9861	0.9810	0.0991	0.9894	0.4482	0.5474
50.7	0.9907	0.2079	0.9867	0.9792	0.0235	0.9884	0.3648	0.4728
50.8	0.9909	0.2405	0.9841	0.9816	0.0710	0.9826	0.2572	0.5970
50.9	0.9871	0.0106	0.9698	0.9618	0.1885	0.9763	0.1795	0.6241

51.0	0.9900	0.0042	0.9790	0.9695	0.2043	0.9870	0.2779	0.5453
51.1	0.9891	0.0165	0.9787	0.9766	0.2552	0.9893	0.2846	0.5041
51.2	0.9871	0.0238	0.9639	0.9680	0.2663	0.9798	0.3071	0.3740
51.3	0.9851	0.0386	0.9577	0.9574	0.2219	0.9662	0.2012	0.1809
51.4	0.9893	0.0694	0.9743	0.9631	0.2783	0.9812	0.3089	0.1966
51.5	0.9907	0.0506	0.9720	0.9629	0.2202	0.9820	0.3237	0.1414
51.6	0.9894	0.0572	0.9643	0.9507	0.0999	0.9728	0.2853	0.1357
51.7	0.9896	0.1373	0.9765	0.9639	0.1770	0.9763	0.3604	0.2304
51.8	0.9929	0.0775	0.9789	0.9696	0.3041	0.9825	0.4055	0.2391
51.9	0.9890	0.0212	0.9746	0.9536	0.1511	0.9595	0.4028	0.0018
52.0	0.9859	0.0803	0.9790	0.9407	0.1250	0.9504	0.3008	0.0394
52.1	0.9893	0.1176	0.9818	0.9575	0.1560	0.9630	0.3248	0.1166
52.2	0.9906	0.0969	0.9723	0.9622	0.1829	0.9714	0.3233	0.1523
52.3	0.9882	0.1005	0.9626	0.9473	0.0308	0.9649	0.2880	0.1039
52.4	0.9851	0.1880	0.9671	0.9455	0.0509	0.9613	0.2244	0.2891
52.5	0.9847	0.0969	0.9615	0.9548	0.0343	0.9706	0.1598	0.4158
52.6	0.9883	0.0428	0.9669	0.9597	0.1280	0.9713	0.1357	0.5623
52.7	0.9887	0.0090	0.9746	0.9573	0.3357	0.9675	0.2588	0.5708
52.8	0.9882	0.0991	0.9780	0.9552	0.3455	0.9599	0.4460	0.4791
52.9	0.9899	0.2343	0.9851	0.9629	0.4635	0.9595	0.5939	0.1778
53.0	0.9914	0.3747	0.9885	0.9720	0.5074	0.9671	0.6484	0.1213
53.1	0.9908	0.2115	0.9847	0.9713	0.4878	0.9584	0.6123	0.1897
53.2	0.9879	0.0950	0.9799	0.9636	0.5139	0.9505	0.5534	0.1555
53.3	0.9834	0.1520	0.9667	0.9528	0.5452	0.9125	0.5453	0.0347
53.4	0.9844	0.5571	0.9605	0.9706	0.7184	0.9002	0.6545	0.0136
53.5	0.9848	0.5949	0.9674	0.9675	0.6395	0.9300	0.5871	0.1256
53.6	0.9830	0.4575	0.9566	0.9581	0.5058	0.9244	0.3832	0.2114
53.7	0.9887	0.5526	0.9740	0.9681	0.6036	0.9380	0.3887	0.2274
53.8	0.9855	0.6129	0.9621	0.9672	0.5546	0.9268	0.4745	0.1239
53.9	0.9874	0.6922	0.9623	0.9772	0.6078	0.9538	0.5658	0.2348
54.0	0.9883	0.7083	0.9701	0.9817	0.6360	0.9709	0.5489	0.5068
54.1	0.9827	0.4737	0.9594	0.9689	0.4499	0.9631	0.5090	0.5285
54.2	0.9792	0.2637	0.9587	0.9604	0.5079	0.9607	0.4045	0.5835
54.3	0.9854	0.6720	0.9618	0.9734	0.7150	0.9611	0.6095	0.4059
54.4	0.9846	0.6660	0.9585	0.9665	0.7217	0.9577	0.6716	0.2985
54.5	0.9844	0.7195	0.9703	0.9709	0.7542	0.9661	0.6616	0.3097
54.6	0.9831	0.7029	0.9706	0.9748	0.6876	0.9633	0.6661	0.2428
54.7	0.9827	0.7148	0.9675	0.9660	0.6684	0.9599	0.6369	0.0894
54.8	0.9839	0.7893	0.9708	0.9673	0.7348	0.9689	0.6583	0.1571
54.9	0.9813	0.8737	0.9766	0.9758	0.8113	0.9779	0.6360	0.4199
55.0	0.9758	0.8737	0.9738	0.9733	0.7814	0.9790	0.5481	0.3923
55.1	0.9644	0.8605	0.9690	0.9725	0.7873	0.9753	0.6045	0.2268
55.2	0.9698	0.8628	0.9775	0.9686	0.7248	0.9751	0.6432	0.3092
55.3	0.9676	0.8194	0.9725	0.9564	0.5566	0.9773	0.5854	0.2722
55.4	0.9706	0.7936	0.9768	0.9583	0.3279	0.9743	0.6923	0.2367
55.5	0.9710	0.7546	0.9802	0.9694	0.3340	0.9754	0.7112	0.4231
55.6	0.9726	0.8431	0.9778	0.9686	0.5760	0.9813	0.6568	0.3397
55.7	0.9757	0.8853	0.9785	0.9658	0.6585	0.9804	0.6372	0.1446
55.8	0.9654	0.8875	0.9759	0.9702	0.6264	0.9798	0.6363	0.1945
55.9	0.9740	0.9183	0.9840	0.9725	0.6946	0.9835	0.7218	0.3107
56.0	0.9754	0.9274	0.9829	0.9764	0.7453	0.9823	0.7206	0.3156
56.1	0.9707	0.9211	0.9810	0.9757	0.6975	0.9796	0.6338	0.3359
56.2	0.9756	0.9370	0.9800	0.9790	0.7454	0.9851	0.7425	0.4221
56.3	0.9641	0.9446	0.9878	0.9844	0.7627	0.9864	0.7473	0.5215
56.4	0.9742	0.9540	0.9925	0.9876	0.8165	0.9872	0.7520	0.5563
56.5	0.9664	0.9474	0.9866	0.9814	0.7553	0.9859	0.7049	0.3915
56.6	0.9595	0.9494	0.9836	0.9777	0.7894	0.9882	0.7242	0.3296
56.7	0.9530	0.9503	0.9864	0.9749	0.8007	0.9875	0.7642	0.2908
56.8	0.9524	0.9429	0.9873	0.9773	0.8010	0.9850	0.7918	0.3075
56.9	0.9487	0.9504	0.9850	0.9801	0.8377	0.9840	0.7900	0.4357
57.0	0.9544	0.9654	0.9853	0.9841	0.8539	0.9861	0.7964	0.3863
57.1	0.9463	0.9700	0.9822	0.9776	0.8592	0.9853	0.7993	0.3032
57.2	0.9415	0.9512	0.9800	0.9649	0.7833	0.9821	0.7483	0.3231
57.3	0.9335	0.9516	0.9834	0.9563	0.8220	0.9849	0.7447	0.3907
57.4	0.9434	0.9588	0.9856	0.9600	0.7908	0.9823	0.8001	0.5386
57.5	0.9454	0.9601	0.9857	0.9594	0.8009	0.9843	0.8307	0.5449
57.6	0.9437	0.9670	0.9913	0.9632	0.8757	0.9900	0.8748	0.6327
57.7	0.9398	0.9724	0.9931	0.9566	0.8894	0.9891	0.8955	0.6281
57.8	0.9461	0.9780	0.9925	0.9577	0.8820	0.9895	0.9129	0.7384
57.9	0.9393	0.9621	0.9893	0.9536	0.8502	0.9881	0.8632	0.6587
58.0	0.9332	0.9651	0.9890	0.9450	0.8467	0.9891	0.8594	0.6474
58.1	0.9519	0.9636	0.9913	0.9536	0.8837	0.9909	0.8779	0.6663
58.2	0.9604	0.9469	0.9922	0.9509	0.8679	0.9880	0.8960	0.5771
58.3	0.9558	0.9697	0.9918	0.9519	0.8958	0.9869	0.9182	0.6439
58.4	0.9524	0.9783	0.9910	0.9494	0.8700	0.9895	0.9215	0.7390
58.5	0.9566	0.9806	0.9923	0.9541	0.8550	0.9927	0.9377	0.7623
58.6	0.9594	0.9733	0.9908	0.9509	0.8361	0.9906	0.9317	0.7697
58.7	0.9608	0.9752	0.9936	0.9559	0.8609	0.9903	0.9458	0.8355
58.8	0.9630	0.9820	0.9953	0.9604	0.8707	0.9926	0.9622	0.8676
58.9	0.9599	0.9825	0.9946	0.9643	0.8309	0.9938	0.9508	0.8173
59.0	0.9521	0.9722	0.9882	0.9536	0.6624	0.9803	0.9347	0.7789
59.1	0.9618	0.9696	0.9881	0.9568	0.6575	0.9755	0.9381	0.8097
59.2	0.9466	0.9744	0.9939	0.9550	0.7094	0.9857	0.9538	0.8509
59.3	0.9351	0.9711	0.9921	0.9436	0.6459	0.9847	0.9511	0.8437
59.4	0.9152	0.9678	0.9917	0.9463	0.7268	0.9845	0.9469	0.8090
59.5	0.9201	0.9654	0.9928	0.9379	0.8060	0.9879	0.9495	0.8396

59.6	0.8759	0.9408	0.9891	0.9157	0.7466	0.9805	0.9235	0.7810
59.7	0.8693	0.9468	0.9933	0.9333	0.8070	0.9838	0.9220	0.7513
59.8	0.8497	0.9412	0.9864	0.9295	0.7309	0.9653	0.8854	0.5742
59.9	0.8769	0.9315	0.9754	0.8733	0.7393	0.9593	0.8156	0.5433
60.0	0.9016	0.8863	0.9272	0.7856	0.7536	0.9712	0.6777	0.7133
60.1	0.9224	0.9016	0.9654	0.8151	0.7840	0.9748	0.7400	0.6210
60.2	0.9412	0.9507	0.9913	0.8808	0.8340	0.9840	0.8681	0.5649
60.3	0.9536	0.9632	0.9943	0.9131	0.8589	0.9885	0.8892	0.5484
60.4	0.9577	0.9622	0.9944	0.9095	0.8481	0.9885	0.9120	0.5841
60.5	0.9573	0.9557	0.9936	0.8974	0.8408	0.9859	0.9299	0.6306
60.6	0.9661	0.9645	0.9944	0.8794	0.8086	0.9834	0.9281	0.5866
60.7	0.9690	0.9772	0.9944	0.8553	0.7910	0.9848	0.9055	0.5218
60.8	0.9787	0.9805	0.9943	0.8563	0.6770	0.9837	0.9276	0.6395
60.9	0.9760	0.9722	0.9939	0.8357	0.4850	0.9877	0.9344	0.6351
61.0	0.9733	0.9667	0.9929	0.7930	0.4762	0.9818	0.9327	0.6129
61.1	0.9628	0.9608	0.9922	0.8065	0.5428	0.9804	0.9225	0.6092
61.2	0.9558	0.9653	0.9901	0.7852	0.6006	0.9808	0.9309	0.5729
61.3	0.9730	0.9638	0.9936	0.8069	0.6743	0.9869	0.9303	0.4757
61.4	0.9738	0.9515	0.9937	0.8420	0.7469	0.9856	0.9410	0.5706
61.5	0.9841	0.9583	0.9946	0.8775	0.7650	0.9854	0.9520	0.4611
61.6	0.9845	0.9585	0.9943	0.9152	0.7760	0.9873	0.9531	0.5027
61.7	0.9825	0.9564	0.9941	0.9083	0.7839	0.9849	0.9414	0.4780
61.8	0.9879	0.9724	0.9953	0.9311	0.8638	0.9886	0.9368	0.3638
61.9	0.9891	0.9691	0.9950	0.9188	0.8572	0.9895	0.9576	0.4544
62.0	0.9846	0.9650	0.9936	0.8984	0.8802	0.9875	0.9606	0.4439
62.1	0.9872	0.9702	0.9951	0.9261	0.9209	0.9888	0.9636	0.4809
62.2	0.9872	0.9643	0.9929	0.9285	0.8951	0.9860	0.9604	0.3568
62.3	0.9862	0.9615	0.9919	0.9382	0.8795	0.9838	0.9454	0.2973
62.4	0.9864	0.9633	0.9935	0.9374	0.8782	0.9875	0.9522	0.3258
62.5	0.9897	0.9674	0.9929	0.9302	0.8773	0.9836	0.9690	0.2639
62.6	0.9931	0.9758	0.9940	0.9405	0.9143	0.9858	0.9757	0.3641
62.7	0.9940	0.9807	0.9951	0.9559	0.9349	0.9900	0.9703	0.3839
62.8	0.9903	0.9728	0.9939	0.9494	0.9021	0.9883	0.9615	0.2026
62.9	0.9902	0.9674	0.9934	0.9398	0.8726	0.9862	0.9652	0.2516
63.0	0.9907	0.9686	0.9916	0.9494	0.8698	0.9855	0.9656	0.2295
63.1	0.9905	0.9730	0.9909	0.9453	0.8795	0.9833	0.9704	0.2587
63.2	0.9899	0.9757	0.9940	0.9390	0.9092	0.9878	0.9753	0.2437
63.3	0.9894	0.9751	0.9928	0.9285	0.8944	0.9864	0.9703	0.2625
63.4	0.9940	0.9842	0.9947	0.9549	0.9019	0.9876	0.9733	0.1818
63.5	0.9897	0.9711	0.9916	0.9220	0.8852	0.9846	0.9644	0.1435
63.6	0.9901	0.9683	0.9890	0.9141	0.8689	0.9848	0.9749	0.3851
63.7	0.9880	0.9723	0.9918	0.9324	0.8912	0.9828	0.9780	0.2886
63.8	0.9897	0.9771	0.9934	0.9156	0.9200	0.9850	0.9736	0.2743
63.9	0.9921	0.9777	0.9945	0.9081	0.9299	0.9884	0.9714	0.2647
64.0	0.9919	0.9729	0.9943	0.9113	0.9399	0.9899	0.9755	0.3054
64.1	0.9907	0.9690	0.9944	0.9212	0.9418	0.9894	0.9761	0.3549
64.2	0.9902	0.9715	0.9941	0.8883	0.9435	0.9858	0.9719	0.2590
64.3	0.9896	0.9749	0.9932	0.8663	0.9382	0.9859	0.9770	0.4077
64.4	0.9866	0.9734	0.9933	0.8927	0.9408	0.9855	0.9816	0.4286
64.5	0.9860	0.9788	0.9943	0.9061	0.9329	0.9870	0.9785	0.3720
64.6	0.9869	0.9783	0.9941	0.8893	0.9364	0.9855	0.9804	0.4174
64.7	0.9875	0.9721	0.9909	0.8771	0.9381	0.9768	0.9734	0.4208
64.8	0.9875	0.9739	0.9920	0.8648	0.9557	0.9768	0.9783	0.3740
64.9	0.9868	0.9745	0.9899	0.8582	0.9473	0.9762	0.9789	0.4413
65.0	0.9838	0.9629	0.9883	0.8475	0.9358	0.9676	0.9596	0.3081
65.1	0.9837	0.9643	0.9869	0.8361	0.9367	0.9669	0.9633	0.4198
65.2	0.9851	0.9655	0.9894	0.8648	0.9225	0.9689	0.9724	0.4277
65.3	0.9858	0.9709	0.9922	0.8959	0.9446	0.9764	0.9685	0.4248
65.4	0.9859	0.9758	0.9920	0.9255	0.9582	0.9807	0.9707	0.4461
65.5	0.9860	0.9693	0.9915	0.9225	0.9622	0.9767	0.9642	0.4345
65.6	0.9791	0.9621	0.9896	0.8811	0.9376	0.9680	0.9596	0.4348
65.7	0.9808	0.9463	0.9867	0.8670	0.9262	0.9617	0.9436	0.4273
65.8	0.9866	0.9559	0.9903	0.8990	0.9449	0.9730	0.9532	0.3836
65.9	0.9898	0.9691	0.9925	0.9475	0.9576	0.9825	0.9710	0.5049
66.0	0.9850	0.9652	0.9882	0.9234	0.9547	0.9720	0.9680	0.5884
66.1	0.9896	0.9686	0.9872	0.9315	0.9588	0.9678	0.9699	0.5297
66.2	0.9892	0.9697	0.9870	0.9364	0.9489	0.9668	0.9648	0.5612
66.3	0.9865	0.9581	0.9841	0.9357	0.9351	0.9616	0.9586	0.5089
66.4	0.9845	0.9409	0.9818	0.9346	0.9237	0.9570	0.9459	0.4634
66.5	0.9926	0.9603	0.9863	0.9511	0.9426	0.9722	0.9470	0.3998
66.6	0.9926	0.9705	0.9878	0.9710	0.9596	0.9772	0.9617	0.4611
66.7	0.9908	0.9687	0.9880	0.9546	0.9623	0.9709	0.9481	0.4888
66.8	0.9899	0.9652	0.9890	0.9567	0.9561	0.9735	0.9606	0.5436
66.9	0.9894	0.9673	0.9880	0.9502	0.9506	0.9768	0.9583	0.5601
67.0	0.9898	0.9631	0.9859	0.9511	0.9534	0.9654	0.9551	0.5768
67.1	0.9920	0.9736	0.9885	0.9632	0.9624	0.9722	0.9646	0.7039
67.2	0.9928	0.9747	0.9879	0.9687	0.9654	0.9738	0.9586	0.6476
67.3	0.9922	0.9759	0.9881	0.9646	0.9662	0.9679	0.9692	0.6261
67.4	0.9953	0.9843	0.9900	0.9750	0.9732	0.9780	0.9657	0.6526
67.5	0.9930	0.9777	0.9845	0.9645	0.9607	0.9693	0.9546	0.6384
67.6	0.9927	0.9764	0.9824	0.9647	0.9488	0.9629	0.9487	0.5947
67.7	0.9936	0.9770	0.9830	0.9616	0.9456	0.9600	0.9448	0.6072
67.8	0.9953	0.9832	0.9867	0.9727	0.9549	0.9702	0.9635	0.7006
67.9	0.9948	0.9820	0.9879	0.9710	0.9529	0.9724	0.9653	0.7194
68.0	0.9932	0.9762	0.9823	0.9695	0.9343	0.9600	0.9605	0.6521
68.1	0.9911	0.9766	0.9783	0.9619	0.9416	0.9542	0.9522	0.6668

68.2	0.9950	0.9833	0.9837	0.9692	0.9522	0.9600	0.9606	0.7200
68.3	0.9954	0.9870	0.9863	0.9752	0.9628	0.9643	0.9644	0.7108
68.4	0.9924	0.9790	0.9790	0.9659	0.9537	0.9416	0.9550	0.6657
68.5	0.9937	0.9788	0.9784	0.9694	0.9539	0.9425	0.9564	0.7304
68.6	0.9945	0.9822	0.9806	0.9759	0.9623	0.9525	0.9524	0.7928
68.7	0.9951	0.9809	0.9790	0.9771	0.9595	0.9490	0.9356	0.7066
68.8	0.9941	0.9808	0.9774	0.9743	0.9529	0.9422	0.9388	0.7620
68.9	0.9954	0.9827	0.9775	0.9714	0.9536	0.9391	0.9512	0.7859
69.0	0.9959	0.9808	0.9797	0.9766	0.9532	0.9412	0.9414	0.7520
69.1	0.9968	0.9818	0.9837	0.9868	0.9602	0.9592	0.9424	0.7958
69.2	0.9952	0.9761	0.9807	0.9771	0.9475	0.9514	0.9418	0.8483
69.3	0.9937	0.9714	0.9710	0.9660	0.9127	0.9218	0.9299	0.8205
69.4	0.9958	0.9780	0.9815	0.9781	0.9434	0.9430	0.9408	0.8827
69.5	0.9954	0.9746	0.9809	0.9756	0.9556	0.9432	0.9409	0.9140
69.6	0.9934	0.9514	0.9663	0.9574	0.9304	0.8985	0.9025	0.8689
69.7	0.9931	0.9490	0.9593	0.9604	0.9333	0.8857	0.8525	0.8283
69.8	0.9942	0.9655	0.9663	0.9656	0.9476	0.9189	0.8638	0.7937
69.9	0.9943	0.9675	0.9707	0.9662	0.9562	0.9289	0.8533	0.7841
70.0	0.9928	0.9642	0.9638	0.9644	0.9537	0.9099	0.8297	0.7940
70.1	0.9941	0.9696	0.9728	0.9728	0.9688	0.9284	0.8334	0.8483
70.2	0.9949	0.9735	0.9754	0.9718	0.9676	0.9405	0.8542	0.8345
70.3	0.9919	0.9690	0.9618	0.9639	0.9479	0.9122	0.8205	0.8517
70.4	0.9937	0.9774	0.9640	0.9676	0.9550	0.9081	0.8664	0.8950
70.5	0.9916	0.9691	0.9580	0.9684	0.9441	0.8915	0.8776	0.8769
70.6	0.9902	0.9715	0.9593	0.9675	0.9475	0.8925	0.8762	0.8982
70.7	0.9887	0.9667	0.9637	0.9706	0.9540	0.9029	0.8472	0.8917
70.8	0.9878	0.9704	0.9571	0.9684	0.9560	0.8869	0.8358	0.8787
70.9	0.9888	0.9765	0.9571	0.9670	0.9542	0.8812	0.8392	0.8951
71.0	0.9900	0.9783	0.9585	0.9730	0.9610	0.8830	0.8522	0.9064
71.1	0.9878	0.9732	0.9426	0.9695	0.9694	0.8699	0.8503	0.8974
71.2	0.9856	0.9700	0.9436	0.9664	0.9521	0.8642	0.8580	0.8880
71.3	0.9861	0.9732	0.9437	0.9681	0.9574	0.8691	0.8490	0.9109
71.4	0.9834	0.9760	0.9414	0.9627	0.9475	0.8689	0.8126	0.9072
71.5	0.9871	0.9772	0.9533	0.9745	0.9598	0.8965	0.8475	0.9046
71.6	0.9873	0.9750	0.9500	0.9747	0.9688	0.8940	0.8253	0.9056
71.7	0.9888	0.9825	0.9578	0.9734	0.9737	0.8763	0.8847	0.9381
71.8	0.9840	0.9752	0.9388	0.9708	0.9633	0.8410	0.8767	0.9339
71.9	0.9828	0.9755	0.9394	0.9731	0.9603	0.8480	0.8156	0.9172
72.0	0.9764	0.9642	0.8899	0.9628	0.9371	0.7547	0.8154	0.9164
72.1	0.9724	0.9592	0.8570	0.9564	0.9281	0.6434	0.8352	0.9076
72.2	0.9806	0.9738	0.9149	0.9707	0.9480	0.7369	0.8676	0.9442
72.3	0.9782	0.9731	0.9215	0.9672	0.9564	0.7643	0.8722	0.9415
72.4	0.9824	0.9790	0.9303	0.9706	0.9666	0.7511	0.8835	0.9482
72.5	0.9805	0.9719	0.9020	0.9688	0.9617	0.7087	0.8818	0.9452
72.6	0.9770	0.9668	0.8684	0.9580	0.9518	0.5714	0.8701	0.9351
72.7	0.9797	0.9706	0.8926	0.9666	0.9624	0.6533	0.8672	0.9378
72.8	0.9818	0.9701	0.8848	0.9735	0.9635	0.7195	0.8630	0.9436
72.9	0.9770	0.9620	0.8394	0.9646	0.9487	0.7415	0.8657	0.9393
73.0	0.9658	0.9398	0.7660	0.9471	0.9141	0.7328	0.8346	0.9217
73.1	0.9680	0.9477	0.7697	0.9518	0.9301	0.7860	0.8420	0.9264
73.2	0.9754	0.9596	0.8031	0.9635	0.9514	0.8939	0.8814	0.9437
73.3	0.9766	0.9634	0.8084	0.9656	0.9521	0.9168	0.9058	0.9418
73.4	0.9771	0.9612	0.7918	0.9683	0.9559	0.9289	0.8933	0.9287
73.5	0.9707	0.9453	0.7151	0.9596	0.9385	0.9376	0.8780	0.9063
73.6	0.9625	0.9321	0.6581	0.9486	0.9356	0.9357	0.8678	0.8980
73.7	0.9614	0.9351	0.6150	0.9505	0.9236	0.9561	0.8626	0.8914
73.8	0.9732	0.9541	0.6895	0.9636	0.9350	0.9705	0.9125	0.9145
73.9	0.9770	0.9579	0.7073	0.9662	0.9427	0.9733	0.9062	0.9275
74.0	0.9760	0.9522	0.6576	0.9615	0.9418	0.9652	0.8909	0.9212
74.1	0.9732	0.9413	0.5534	0.9616	0.9354	0.9754	0.9029	0.9261
74.2	0.9757	0.9435	0.6025	0.9665	0.9350	0.9755	0.8974	0.9188
74.3	0.9639	0.9061	0.4169	0.9516	0.9049	0.9623	0.8496	0.8334
74.4	0.9601	0.9084	0.4677	0.9413	0.9079	0.9634	0.8798	0.8770
74.5	0.9580	0.8950	0.4029	0.9445	0.8885	0.9714	0.8861	0.8737
74.6	0.9652	0.8861	0.2777	0.9497	0.8950	0.9727	0.8985	0.8478
74.7	0.9628	0.8962	0.3502	0.9420	0.8883	0.9709	0.9009	0.8745
74.8	0.9645	0.8928	0.3445	0.9507	0.8866	0.9777	0.8919	0.8744
74.9	0.9670	0.8906	0.3678	0.9602	0.8568	0.9820	0.9115	0.8935
75.0	0.9641	0.8766	0.3495	0.9498	0.7956	0.9710	0.8931	0.8747
75.1	0.9580	0.8731	0.2956	0.9453	0.7923	0.9650	0.9099	0.8451
75.2	0.9581	0.8693	0.2377	0.9391	0.8615	0.9624	0.9322	0.8440
75.3	0.9553	0.8636	0.2344	0.9318	0.8689	0.9627	0.9185	0.8190
75.4	0.9580	0.8045	0.1273	0.9383	0.8261	0.9684	0.9197	0.8349
75.5	0.9584	0.8091	0.1119	0.9423	0.8409	0.9685	0.9079	0.8358
75.6	0.9527	0.8244	0.1285	0.9382	0.8206	0.9659	0.8858	0.7887
75.7	0.9495	0.7994	0.1069	0.9333	0.8071	0.9586	0.8670	0.7601
75.8	0.9578	0.8444	0.0440	0.9412	0.8150	0.9627	0.9017	0.8181
75.9	0.9636	0.9002	0.1018	0.9356	0.8513	0.9624	0.9170	0.8626
76.0	0.9665	0.9018	0.1750	0.9343	0.8322	0.9607	0.9156	0.8175
76.1	0.9632	0.8910	0.1559	0.9381	0.8690	0.9573	0.9394	0.8771
76.2	0.9637	0.9034	0.1311	0.9433	0.8757	0.9621	0.9380	0.8659
76.3	0.9710	0.9040	0.2197	0.9466	0.8635	0.9664	0.9274	0.8665
76.4	0.9537	0.9274	0.0856	0.9219	0.8874	0.9488	0.8988	0.8549
76.5	0.9388	0.9423	0.0592	0.9114	0.8874	0.9412	0.8809	0.8644
76.6	0.9399	0.9465	0.0888	0.9115	0.8989	0.9403	0.8928	0.8781
76.7	0.9533	0.9405	0.1405	0.9213	0.8686	0.9433	0.8738	0.8383

76.8	0.9285	0.9294	0.1991	0.8967	0.8285	0.9197	0.8485	0.7946
76.9	0.9222	0.9321	0.1846	0.8961	0.8318	0.9200	0.8444	0.8103
77.0	0.9300	0.9376	0.1161	0.8970	0.8281	0.9194	0.8360	0.7988
77.1	0.9337	0.9368	0.1718	0.9027	0.8429	0.9265	0.7885	0.8102
77.2	0.9295	0.9403	0.2660	0.8771	0.8647	0.9106	0.7515	0.8298
77.3	0.9310	0.9513	0.2591	0.8894	0.8840	0.9085	0.7133	0.8595
77.4	0.9322	0.9460	0.3746	0.9088	0.9004	0.9087	0.7513	0.8592
77.5	0.9294	0.9539	0.2864	0.9201	0.8905	0.9151	0.7251	0.8543
77.6	0.9096	0.9415	0.2033	0.8824	0.8621	0.8871	0.6876	0.8354
77.7	0.9318	0.9601	0.3732	0.9132	0.9112	0.9156	0.7447	0.8813
77.8	0.9480	0.9573	0.4307	0.9391	0.9026	0.9246	0.8229	0.9124
77.9	0.9443	0.9549	0.3684	0.9280	0.9011	0.9179	0.8301	0.9201
78.0	0.9321	0.9588	0.4071	0.8821	0.9017	0.8689	0.7516	0.9008
78.1	0.9492	0.9640	0.5907	0.9222	0.8981	0.8925	0.8154	0.9051
78.2	0.9433	0.9581	0.6104	0.9181	0.9035	0.8811	0.8304	0.9013
78.3	0.9302	0.9444	0.4499	0.8998	0.8883	0.8485	0.8130	0.8963
78.4	0.9476	0.9524	0.4739	0.9089	0.8844	0.8730	0.7935	0.8548
78.5	0.9309	0.9427	0.5235	0.8816	0.8267	0.8413	0.7481	0.8190
78.6	0.9357	0.9377	0.4985	0.9012	0.8798	0.8445	0.7320	0.8479
78.7	0.9278	0.9275	0.5044	0.9124	0.8634	0.8351	0.7611	0.8266
78.8	0.9329	0.9371	0.5651	0.9032	0.8719	0.8432	0.8150	0.8448
78.9	0.9509	0.9494	0.6126	0.9309	0.8870	0.8521	0.8194	0.8559
79.0	0.9207	0.9237	0.4752	0.9003	0.8406	0.8119	0.7384	0.8434
79.1	0.9036	0.9020	0.5229	0.8875	0.8124	0.7875	0.7416	0.8302
79.2	0.8918	0.8894	0.5383	0.8907	0.8015	0.7738	0.7435	0.7849
79.3	0.9297	0.9371	0.6832	0.9108	0.8469	0.8475	0.7584	0.8155
79.4	0.9512	0.9527	0.7045	0.9329	0.8538	0.8749	0.7523	0.8446
79.5	0.9444	0.9329	0.6746	0.9250	0.7763	0.8372	0.7138	0.8039
79.6	0.9399	0.9249	0.5533	0.8973	0.7240	0.7939	0.5358	0.6923
79.7	0.9474	0.9311	0.5603	0.9028	0.7631	0.7971	0.5423	0.6913
79.8	0.9427	0.9230	0.5201	0.8939	0.7034	0.7617	0.4974	0.7564
79.9	0.9266	0.9140	0.5008	0.8788	0.5966	0.7127	0.4208	0.6438
80.0	0.9371	0.9366	0.6117	0.8612	0.7220	0.7554	0.5190	0.6161

2.2.66 Run 6 – VT000 – Accels 41–47

Vertical shaking at 0°. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.5596	0.4784	0.4846	0.5211	0.5661	0.0144	0.4077
0.1	0.1341	0.0918	0.0670	0.1039	0.1246	0.0041	0.1075
0.2	0.0077	0.0014	0.0007	0.0191	0.0061	0.0306	0.0098
0.3	0.0223	0.0270	0.0010	0.0050	0.0060	0.0344	0.0098
0.4	0.0030	0.0188	0.0283	0.0077	0.0172	0.0020	0.0023
0.5	0.0229	0.0182	0.0461	0.0241	0.0210	0.0049	0.0068
0.6	0.0224	0.0082	0.0029	0.0400	0.0223	0.0066	0.0155
0.7	0.0133	0.0165	0.0075	0.0082	0.0004	0.0524	0.0165
0.8	0.0133	0.0342	0.0308	0.0145	0.0020	0.0531	0.0071
0.9	0.0083	0.1463	0.0385	0.0661	0.1010	0.0118	0.0630
1.0	0.0119	0.2764	0.0453	0.0703	0.1894	0.0147	0.0743
1.1	0.0566	0.0738	0.1545	0.0302	0.1255	0.0072	0.1164
1.2	0.0267	0.0454	0.3180	0.0565	0.0472	0.0352	0.1626
1.3	0.0075	0.1412	0.4668	0.1720	0.1196	0.0747	0.1978
1.4	0.0061	0.0764	0.5252	0.2968	0.0687	0.0453	0.1750
1.5	0.0738	0.2551	0.6221	0.4400	0.1661	0.0347	0.2172
1.6	0.2832	0.2451	0.5914	0.3288	0.2764	0.0306	0.1484
1.7	0.7483	0.8291	0.5763	0.4277	0.8546	0.0214	0.1873
1.8	0.8017	0.9037	0.6000	0.6776	0.9083	0.0031	0.4589
1.9	0.7905	0.8641	0.6320	0.7754	0.8661	0.0290	0.6190
2.0	0.8421	0.6786	0.7351	0.8079	0.6664	0.1089	0.5930
2.1	0.8812	0.4406	0.8840	0.8429	0.4383	0.0946	0.4387
2.2	0.8774	0.4873	0.9038	0.8146	0.4881	0.2240	0.5007
2.3	0.5551	0.8202	0.8808	0.5316	0.8203	0.3222	0.8334
2.4	0.4780	0.8389	0.8497	0.4759	0.8016	0.3698	0.8354
2.5	0.5013	0.9118	0.9255	0.4982	0.9005	0.2987	0.7353
2.6	0.5509	0.9108	0.9441	0.5580	0.9130	0.4185	0.6467
2.7	0.3865	0.9263	0.9702	0.4275	0.8991	0.4076	0.6333
2.8	0.2824	0.8744	0.9626	0.4907	0.8396	0.3536	0.4868
2.9	0.4015	0.7953	0.9391	0.5232	0.8100	0.4128	0.4029
3.0	0.3457	0.7403	0.9495	0.4108	0.7514	0.3615	0.3985
3.1	0.3958	0.6567	0.9467	0.4234	0.6005	0.3721	0.3576
3.2	0.4780	0.6668	0.9293	0.4551	0.5963	0.2683	0.3335
3.3	0.2418	0.4151	0.9140	0.3342	0.4374	0.4923	0.1667
3.4	0.1715	0.5061	0.9168	0.3646	0.4503	0.5531	0.1473
3.5	0.1911	0.3993	0.9169	0.2952	0.4103	0.3217	0.1051
3.6	0.1223	0.1539	0.8608	0.1434	0.2732	0.2078	0.0150
3.7	0.1888	0.5324	0.9493	0.3328	0.5986	0.5523	0.1674
3.8	0.6731	0.8617	0.9933	0.7297	0.8730	0.9507	0.4723
3.9	0.8352	0.9507	0.9967	0.9199	0.9506	0.9847	0.7454
4.0	0.8866	0.9773	0.9973	0.9377	0.9661	0.9897	0.8341
4.1	0.8773	0.9697	0.9966	0.9001	0.9628	0.9781	0.7222
4.2	0.7989	0.9446	0.9963	0.8720	0.9360	0.9634	0.5674
4.3	0.7481	0.9335	0.9965	0.8099	0.9049	0.9517	0.5334
4.4	0.7395	0.8980	0.9930	0.7229	0.8528	0.9403	0.4373
4.5	0.6808	0.8837	0.9929	0.6704	0.7819	0.9480	0.4855
4.6	0.5846	0.7932	0.9911	0.4840	0.6546	0.9224	0.3463
4.7	0.4815	0.6819	0.9942	0.5237	0.6156	0.9341	0.3774
4.8	0.3230	0.5686	0.9935	0.4636	0.5558	0.9413	0.5089
4.9	0.3185	0.3372	0.9948	0.3695	0.3354	0.9502	0.5210
5.0	0.2030	0.3511	0.9884	0.1790	0.4032	0.9626	0.3567
5.1	0.3845	0.6093	0.9953	0.4401	0.8090	0.9852	0.3448
5.2	0.3184	0.5343	0.9938	0.2840	0.7705	0.9839	0.3464
5.3	0.4924	0.0440	0.9926	0.4916	0.4083	0.9740	0.1594
5.4	0.6039	0.1306	0.9892	0.5789	0.1822	0.9499	0.1123
5.5	0.5253	0.2435	0.9785	0.4896	0.2202	0.9117	0.1100
5.6	0.6323	0.5458	0.9885	0.5594	0.5217	0.9503	0.3407
5.7	0.7722	0.6713	0.9927	0.7407	0.5536	0.9832	0.4365
5.8	0.8378	0.7270	0.9974	0.8248	0.6028	0.9952	0.5190
5.9	0.8181	0.6306	0.9965	0.8203	0.5832	0.9960	0.6876
6.0	0.8827	0.3558	0.9929	0.8572	0.4687	0.9930	0.7257
6.1	0.9497	0.6228	0.9948	0.9196	0.7284	0.9948	0.8616
6.2	0.9658	0.8426	0.9943	0.9289	0.8693	0.9943	0.8221
6.3	0.9810	0.9638	0.9956	0.9603	0.9697	0.9951	0.8775
6.4	0.9790	0.9816	0.9955	0.9475	0.9839	0.9952	0.8689
6.5	0.9719	0.9739	0.9923	0.9106	0.9755	0.9923	0.7385
6.6	0.9520	0.9685	0.9904	0.8563	0.9761	0.9907	0.6795
6.7	0.9463	0.9763	0.9861	0.8532	0.9823	0.9857	0.7479
6.8	0.9209	0.9666	0.9734	0.8378	0.9745	0.9730	0.7951
6.9	0.8694	0.9247	0.9515	0.8060	0.9528	0.9520	0.8150
7.0	0.8021	0.9156	0.9264	0.7835	0.9252	0.9268	0.8257
7.1	0.7565	0.8569	0.8940	0.7904	0.8565	0.8952	0.8093
7.2	0.7069	0.7218	0.8862	0.8058	0.7394	0.8870	0.7872
7.3	0.8845	0.5776	0.9437	0.9209	0.6649	0.9426	0.8573
7.4	0.9315	0.3116	0.9414	0.9681	0.5736	0.9418	0.9142
7.5	0.9267	0.2860	0.9551	0.9680	0.1123	0.9541	0.9423
7.6	0.9355	0.8283	0.9732	0.9643	0.2358	0.9734	0.9682
7.7	0.9449	0.8483	0.9893	0.9720	0.3700	0.9890	0.9784
7.8	0.9655	0.8854	0.9965	0.9803	0.5805	0.9960	0.9817
7.9	0.9684	0.9080	0.9988	0.9798	0.7246	0.9987	0.9860

8.0	0.9718	0.9262	0.9954	0.9817	0.8001	0.9951	0.9858
8.1	0.9747	0.9244	0.9984	0.9839	0.7776	0.9980	0.9829
8.2	0.9654	0.9196	0.9980	0.9771	0.7891	0.9974	0.9815
8.3	0.9791	0.9488	0.9988	0.9836	0.8822	0.9985	0.9904
8.4	0.9818	0.9566	0.9989	0.9868	0.9110	0.9988	0.9898
8.5	0.9844	0.9544	0.9990	0.9880	0.8817	0.9989	0.9890
8.6	0.9895	0.9604	0.9988	0.9919	0.8632	0.9987	0.9912
8.7	0.9859	0.9324	0.9979	0.9890	0.7327	0.9977	0.9874
8.8	0.9857	0.9157	0.9960	0.9880	0.5076	0.9960	0.9901
8.9	0.9863	0.9249	0.9927	0.9873	0.5141	0.9932	0.9888
9.0	0.9807	0.9110	0.9822	0.9796	0.3691	0.9830	0.9883
9.1	0.9795	0.8552	0.9841	0.9816	0.0620	0.9848	0.9800
9.2	0.9606	0.8165	0.9531	0.9568	0.3238	0.9541	0.9543
9.3	0.9735	0.7661	0.9634	0.9677	0.7621	0.9641	0.9679
9.4	0.9509	0.7981	0.9192	0.9338	0.7782	0.9191	0.9293
9.5	0.9612	0.9186	0.9560	0.9482	0.9225	0.9543	0.9623
9.6	0.9624	0.9251	0.9551	0.9428	0.9482	0.9526	0.9620
9.7	0.9733	0.9537	0.9813	0.9576	0.9747	0.9790	0.9804
9.8	0.9771	0.9564	0.9807	0.9443	0.9758	0.9791	0.9735
9.9	0.9641	0.9127	0.9818	0.9150	0.9204	0.9792	0.9517
10.0	0.9396	0.7734	0.9880	0.8962	0.7400	0.9861	0.8871
10.1	0.9594	0.8899	0.9882	0.9340	0.8536	0.9851	0.9112
10.2	0.9824	0.9437	0.9915	0.9659	0.9591	0.9891	0.9248
10.3	0.9894	0.9622	0.9953	0.9827	0.9694	0.9906	0.9057
10.4	0.9920	0.9716	0.9961	0.9860	0.9688	0.9917	0.9159
10.5	0.9899	0.9787	0.9946	0.9875	0.9773	0.9925	0.9420
10.6	0.9894	0.9793	0.9954	0.9870	0.9732	0.9920	0.9482
10.7	0.9915	0.9774	0.9972	0.9848	0.9743	0.9933	0.9510
10.8	0.9901	0.9751	0.9976	0.9874	0.9765	0.9920	0.9435
10.9	0.9926	0.9823	0.9979	0.9916	0.9820	0.9939	0.9518
11.0	0.9929	0.9851	0.9985	0.9937	0.9808	0.9951	0.9579
11.1	0.9913	0.9868	0.9982	0.9924	0.9828	0.9938	0.9535
11.2	0.9945	0.9869	0.9982	0.9940	0.9858	0.9931	0.9602
11.3	0.9943	0.9869	0.9982	0.9950	0.9831	0.9928	0.9513
11.4	0.9952	0.9890	0.9981	0.9960	0.9830	0.9945	0.9596
11.5	0.9955	0.9893	0.9982	0.9963	0.9860	0.9934	0.9637
11.6	0.9954	0.9861	0.9981	0.9949	0.9846	0.9916	0.9532
11.7	0.9963	0.9854	0.9979	0.9961	0.9859	0.9930	0.9593
11.8	0.9932	0.9776	0.9976	0.9948	0.9770	0.9908	0.9279
11.9	0.9966	0.9888	0.9982	0.9972	0.9884	0.9940	0.9679
12.0	0.9967	0.9911	0.9984	0.9963	0.9889	0.9944	0.9756
12.1	0.9969	0.9912	0.9986	0.9977	0.9848	0.9945	0.9816
12.2	0.9973	0.9924	0.9985	0.9981	0.9885	0.9955	0.9850
12.3	0.9971	0.9907	0.9987	0.9977	0.9876	0.9946	0.9844
12.4	0.9975	0.9891	0.9985	0.9980	0.9874	0.9932	0.9873
12.5	0.9971	0.9902	0.9976	0.9971	0.9817	0.9923	0.9889
12.6	0.9975	0.9901	0.9985	0.9978	0.9854	0.9938	0.9912
12.7	0.9974	0.9917	0.9990	0.9980	0.9905	0.9945	0.9912
12.8	0.9975	0.9932	0.9990	0.9977	0.9891	0.9950	0.9929
12.9	0.9970	0.9886	0.9987	0.9970	0.9880	0.9930	0.9919
13.0	0.9969	0.9916	0.9988	0.9968	0.9911	0.9929	0.9939
13.1	0.9970	0.9924	0.9980	0.9962	0.9921	0.9925	0.9953
13.2	0.9972	0.9931	0.9980	0.9966	0.9917	0.9945	0.9944
13.3	0.9962	0.9930	0.9969	0.9959	0.9929	0.9932	0.9919
13.4	0.9974	0.9935	0.9984	0.9974	0.9930	0.9952	0.9953
13.5	0.9951	0.9895	0.9971	0.9951	0.9898	0.9924	0.9906
13.6	0.9957	0.9906	0.9970	0.9962	0.9904	0.9903	0.9913
13.7	0.9970	0.9928	0.9976	0.9970	0.9922	0.9907	0.9948
13.8	0.9978	0.9912	0.9978	0.9973	0.9904	0.9890	0.9945
13.9	0.9964	0.9884	0.9954	0.9969	0.9887	0.9846	0.9893
14.0	0.9976	0.9903	0.9973	0.9982	0.9898	0.9865	0.9927
14.1	0.9978	0.9921	0.9978	0.9983	0.9916	0.9869	0.9949
14.2	0.9976	0.9901	0.9976	0.9981	0.9897	0.9868	0.9947
14.3	0.9974	0.9907	0.9969	0.9978	0.9910	0.9833	0.9957
14.4	0.9975	0.9908	0.9961	0.9978	0.9917	0.9830	0.9954
14.5	0.9966	0.9878	0.9939	0.9969	0.9877	0.9859	0.9885
14.6	0.9965	0.9869	0.9927	0.9977	0.9845	0.9842	0.9862
14.7	0.9972	0.9881	0.9933	0.9974	0.9882	0.9842	0.9878
14.8	0.9980	0.9834	0.9924	0.9982	0.9825	0.9793	0.9866
14.9	0.9973	0.9824	0.9904	0.9977	0.9790	0.9822	0.9849
15.0	0.9984	0.9880	0.9880	0.9985	0.9845	0.9862	0.9912
15.1	0.9972	0.9678	0.9789	0.9975	0.9643	0.9832	0.9790
15.2	0.9970	0.9671	0.9781	0.9974	0.9673	0.9775	0.9758
15.3	0.9963	0.9667	0.9800	0.9963	0.9628	0.9765	0.9708
15.4	0.9974	0.9737	0.9867	0.9975	0.9721	0.9821	0.9751
15.5	0.9965	0.9671	0.9844	0.9968	0.9626	0.9655	0.9665
15.6	0.9953	0.9652	0.9800	0.9951	0.9609	0.9670	0.9583
15.7	0.9965	0.9706	0.9842	0.9967	0.9684	0.9685	0.9696
15.8	0.9957	0.9670	0.9859	0.9958	0.9652	0.9695	0.9680
15.9	0.9964	0.9752	0.9906	0.9965	0.9748	0.9794	0.9785
16.0	0.9952	0.9639	0.9872	0.9953	0.9639	0.9750	0.9687
16.1	0.9936	0.9780	0.9831	0.9940	0.9778	0.9827	0.9806
16.2	0.9928	0.9800	0.9809	0.9928	0.9801	0.9846	0.9831
16.3	0.9880	0.9710	0.9619	0.9880	0.9729	0.9731	0.9781
16.4	0.9836	0.9681	0.9545	0.9840	0.9702	0.9637	0.9798
16.5	0.9878	0.9746	0.9707	0.9879	0.9774	0.9744	0.9871

16.6	0.9911	0.9629	0.9849	0.9909	0.9649	0.9871	0.9764
16.7	0.9878	0.9570	0.9810	0.9876	0.9608	0.9834	0.9807
16.8	0.9801	0.9498	0.9761	0.9801	0.9545	0.9760	0.9699
16.9	0.9839	0.9532	0.9790	0.9838	0.9584	0.9767	0.9754
17.0	0.9838	0.9474	0.9783	0.9839	0.9541	0.9736	0.9757
17.1	0.9914	0.9475	0.9930	0.9911	0.9556	0.9926	0.9793
17.2	0.9797	0.9216	0.9852	0.9798	0.9319	0.9866	0.9466
17.3	0.9884	0.9469	0.9905	0.9883	0.9571	0.9904	0.9696
17.4	0.9908	0.9400	0.9958	0.9903	0.9523	0.9931	0.9697
17.5	0.9936	0.9534	0.9964	0.9935	0.9659	0.9951	0.9860
17.6	0.9933	0.9242	0.9946	0.9933	0.9473	0.9952	0.9830
17.7	0.9955	0.9273	0.9961	0.9955	0.9526	0.9962	0.9809
17.8	0.9957	0.9381	0.9965	0.9957	0.9648	0.9964	0.9855
17.9	0.9957	0.9433	0.9963	0.9957	0.9669	0.9964	0.9816
18.0	0.9969	0.9377	0.9964	0.9970	0.9684	0.9970	0.9860
18.1	0.9958	0.8659	0.9956	0.9958	0.9378	0.9955	0.9688
18.2	0.9973	0.8305	0.9969	0.9974	0.9480	0.9969	0.9775
18.3	0.9981	0.7803	0.9981	0.9980	0.9444	0.9982	0.9780
18.4	0.9982	0.6445	0.9973	0.9983	0.9238	0.9976	0.9794
18.5	0.9981	0.5569	0.9966	0.9982	0.8838	0.9973	0.9691
18.6	0.9972	0.5299	0.9945	0.9973	0.8596	0.9951	0.9677
18.7	0.9969	0.3674	0.9941	0.9970	0.7798	0.9952	0.9851
18.8	0.9978	0.2285	0.9962	0.9979	0.6790	0.9966	0.9812
18.9	0.9985	0.4005	0.9973	0.9985	0.5871	0.9974	0.9877
19.0	0.9985	0.4963	0.9970	0.9987	0.4674	0.9973	0.9900
19.1	0.9978	0.4886	0.9954	0.9981	0.1935	0.9961	0.9872
19.2	0.9981	0.5760	0.9967	0.9985	0.1293	0.9969	0.9858
19.3	0.9975	0.6838	0.9962	0.9979	0.1499	0.9960	0.9881
19.4	0.9980	0.7516	0.9974	0.9980	0.3202	0.9965	0.9921
19.5	0.9980	0.6931	0.9972	0.9980	0.2729	0.9957	0.9894
19.6	0.9983	0.7677	0.9972	0.9985	0.3675	0.9965	0.9916
19.7	0.9978	0.8071	0.9963	0.9979	0.4497	0.9959	0.9882
19.8	0.9975	0.8116	0.9964	0.9975	0.5483	0.9959	0.9850
19.9	0.9979	0.8112	0.9963	0.9980	0.5427	0.9959	0.9821
20.0	0.9976	0.8244	0.9965	0.9976	0.5968	0.9957	0.9833
20.1	0.9981	0.7609	0.9976	0.9982	0.4891	0.9968	0.9830
20.2	0.9979	0.7947	0.9977	0.9980	0.5663	0.9965	0.9853
20.3	0.9977	0.8005	0.9972	0.9976	0.6135	0.9965	0.9808
20.4	0.9983	0.8144	0.9975	0.9980	0.6258	0.9976	0.9835
20.5	0.9980	0.8028	0.9979	0.9980	0.6399	0.9975	0.9853
20.6	0.9978	0.7643	0.9975	0.9978	0.6352	0.9969	0.9734
20.7	0.9982	0.8114	0.9981	0.9981	0.6995	0.9976	0.9693
20.8	0.9981	0.8221	0.9977	0.9980	0.7273	0.9969	0.9695
20.9	0.9984	0.8407	0.9975	0.9983	0.7601	0.9968	0.9770
21.0	0.9989	0.8349	0.9971	0.9989	0.7597	0.9967	0.9796
21.1	0.9991	0.8249	0.9979	0.9992	0.7545	0.9973	0.9779
21.2	0.9989	0.8042	0.9978	0.9990	0.7425	0.9971	0.9730
21.3	0.9991	0.7624	0.9982	0.9992	0.6859	0.9976	0.9654
21.4	0.9992	0.6699	0.9980	0.9993	0.5657	0.9974	0.9541
21.5	0.9990	0.6242	0.9978	0.9992	0.5385	0.9971	0.9525
21.6	0.9991	0.6345	0.9978	0.9993	0.5493	0.9973	0.9649
21.7	0.9990	0.6373	0.9969	0.9992	0.5587	0.9961	0.9659
21.8	0.9991	0.6454	0.9973	0.9992	0.5757	0.9963	0.9647
21.9	0.9993	0.5172	0.9977	0.9992	0.4208	0.9973	0.9538
22.0	0.9993	0.4941	0.9976	0.9993	0.4002	0.9975	0.9596
22.1	0.9991	0.4870	0.9977	0.9993	0.4110	0.9974	0.9620
22.2	0.9993	0.4898	0.9983	0.9994	0.4202	0.9984	0.9621
22.3	0.9994	0.5790	0.9984	0.9994	0.5217	0.9983	0.9674
22.4	0.9993	0.5404	0.9984	0.9994	0.4250	0.9985	0.9596
22.5	0.9996	0.5878	0.9988	0.9996	0.4610	0.9989	0.9664
22.6	0.9995	0.5210	0.9983	0.9994	0.3963	0.9990	0.9579
22.7	0.9997	0.6250	0.9988	0.9997	0.4917	0.9992	0.9642
22.8	0.9995	0.6289	0.9988	0.9995	0.5185	0.9987	0.9518
22.9	0.9994	0.6773	0.9986	0.9995	0.5855	0.9983	0.9499
23.0	0.9995	0.7143	0.9988	0.9996	0.6467	0.9986	0.9580
23.1	0.9996	0.8171	0.9989	0.9997	0.7784	0.9989	0.9713
23.2	0.9996	0.8201	0.9989	0.9996	0.7839	0.9988	0.9698
23.3	0.9996	0.8485	0.9985	0.9996	0.8267	0.9986	0.9736
23.4	0.9997	0.8647	0.9986	0.9997	0.8542	0.9986	0.9762
23.5	0.9996	0.8047	0.9981	0.9996	0.7974	0.9987	0.9688
23.6	0.9991	0.7535	0.9950	0.9991	0.7437	0.9984	0.9621
23.7	0.9986	0.6878	0.9930	0.9985	0.6876	0.9978	0.9469
23.8	0.9990	0.6821	0.9941	0.9990	0.7079	0.9979	0.9512
23.9	0.9990	0.7045	0.9928	0.9989	0.7393	0.9982	0.9567
24.0	0.9988	0.7103	0.9927	0.9989	0.7462	0.9981	0.9718
24.1	0.9982	0.6365	0.9890	0.9983	0.6851	0.9973	0.9618
24.2	0.9982	0.6177	0.9905	0.9982	0.6834	0.9973	0.9618
24.3	0.9985	0.6170	0.9936	0.9986	0.7021	0.9979	0.9724
24.4	0.9987	0.6227	0.9947	0.9988	0.7082	0.9978	0.9769
24.5	0.9989	0.5393	0.9952	0.9989	0.6600	0.9983	0.9785
24.6	0.9989	0.5353	0.9956	0.9990	0.6739	0.9979	0.9803
24.7	0.9993	0.3845	0.9973	0.9993	0.5549	0.9969	0.9854
24.8	0.9996	0.3556	0.9983	0.9995	0.5780	0.9977	0.9912
24.9	0.9997	0.2571	0.9984	0.9996	0.5080	0.9980	0.9905
25.0	0.9995	0.2745	0.9976	0.9993	0.5077	0.9972	0.9833
25.1	0.9996	0.3023	0.9970	0.9996	0.5347	0.9950	0.9823

25.2	0.9997	0.2694	0.9980	0.9996	0.5078	0.9963	0.9862
25.3	0.9996	0.2585	0.9972	0.9995	0.4913	0.9949	0.9852
25.4	0.9997	0.3898	0.9969	0.9996	0.6198	0.9936	0.9871
25.5	0.9995	0.4071	0.9961	0.9994	0.6353	0.9919	0.9831
25.6	0.9995	0.3482	0.9958	0.9994	0.6083	0.9917	0.9878
25.7	0.9995	0.2902	0.9954	0.9994	0.5557	0.9914	0.9879
25.8	0.9996	0.3035	0.9954	0.9996	0.5523	0.9919	0.9891
25.9	0.9997	0.4772	0.9951	0.9997	0.6861	0.9898	0.9911
26.0	0.9997	0.5457	0.9946	0.9997	0.7307	0.9857	0.9902
26.1	0.9996	0.5840	0.9946	0.9995	0.7422	0.9840	0.9908
26.2	0.9996	0.7310	0.9908	0.9996	0.8283	0.9760	0.9876
26.3	0.9995	0.7578	0.9874	0.9996	0.8200	0.9579	0.9825
26.4	0.9996	0.7668	0.9823	0.9996	0.8017	0.9691	0.9853
26.5	0.9996	0.8323	0.9895	0.9996	0.8427	0.9877	0.9903
26.6	0.9995	0.7947	0.9914	0.9995	0.7738	0.9906	0.9916
26.7	0.9995	0.8774	0.9959	0.9994	0.8414	0.9931	0.9947
26.8	0.9993	0.8436	0.9941	0.9994	0.7786	0.9929	0.9936
26.9	0.9995	0.7758	0.9970	0.9994	0.6435	0.9946	0.9946
27.0	0.9995	0.7583	0.9964	0.9996	0.5644	0.9939	0.9919
27.1	0.9995	0.7983	0.9966	0.9996	0.5587	0.9929	0.9912
27.2	0.9996	0.7670	0.9962	0.9996	0.4679	0.9931	0.9914
27.3	0.9996	0.7544	0.9965	0.9996	0.4205	0.9929	0.9930
27.4	0.9997	0.8320	0.9975	0.9997	0.5403	0.9939	0.9942
27.5	0.9996	0.8503	0.9968	0.9998	0.5956	0.9938	0.9910
27.6	0.9995	0.8170	0.9958	0.9996	0.4981	0.9948	0.9913
27.7	0.9996	0.7893	0.9933	0.9997	0.4706	0.9937	0.9865
27.8	0.9997	0.7857	0.9940	0.9998	0.3964	0.9958	0.9895
27.9	0.9997	0.7597	0.9941	0.9997	0.3308	0.9961	0.9888
28.0	0.9997	0.6996	0.9904	0.9997	0.2508	0.9954	0.9846
28.1	0.9997	0.7072	0.9890	0.9998	0.3696	0.9951	0.9819
28.2	0.9997	0.6236	0.9889	0.9997	0.3085	0.9950	0.9819
28.3	0.9995	0.3956	0.9841	0.9995	0.0796	0.9933	0.9708
28.4	0.9997	0.3582	0.9890	0.9996	0.1542	0.9965	0.9810
28.5	0.9997	0.2675	0.9896	0.9997	0.2088	0.9969	0.9788
28.6	0.9996	0.2681	0.9875	0.9995	0.2246	0.9966	0.9661
28.7	0.9996	0.3899	0.9908	0.9995	0.1091	0.9957	0.9576
28.8	0.9997	0.4153	0.9938	0.9996	0.1728	0.9968	0.9660
28.9	0.9994	0.4201	0.9935	0.9994	0.1709	0.9959	0.9456
29.0	0.9995	0.4866	0.9935	0.9994	0.0926	0.9972	0.9187
29.1	0.9993	0.4788	0.9950	0.9993	0.1696	0.9962	0.8937
29.2	0.9996	0.5735	0.9966	0.9996	0.3580	0.9966	0.9184
29.3	0.9994	0.5624	0.9960	0.9994	0.3180	0.9966	0.9209
29.4	0.9994	0.5710	0.9950	0.9994	0.2574	0.9956	0.9350
29.5	0.9991	0.4864	0.9945	0.9991	0.2437	0.9959	0.9353
29.6	0.9995	0.5009	0.9960	0.9995	0.3734	0.9958	0.9545
29.7	0.9994	0.3928	0.9943	0.9994	0.4901	0.9962	0.9583
29.8	0.9992	0.3239	0.9945	0.9992	0.5822	0.9972	0.9712
29.9	0.9978	0.3510	0.9858	0.9980	0.4820	0.9936	0.9509
30.0	0.9983	0.2727	0.9901	0.9983	0.6087	0.9944	0.9639
30.1	0.9994	0.2827	0.9962	0.9995	0.7223	0.9963	0.9815
30.2	0.9992	0.2006	0.9963	0.9991	0.6942	0.9963	0.9795
30.3	0.9994	0.1988	0.9967	0.9993	0.6062	0.9952	0.9749
30.4	0.9992	0.2043	0.9967	0.9992	0.6173	0.9945	0.9807
30.5	0.9989	0.1162	0.9972	0.9991	0.6965	0.9962	0.9806
30.6	0.9987	0.0916	0.9973	0.9990	0.6429	0.9961	0.9820
30.7	0.9985	0.0206	0.9969	0.9988	0.6258	0.9954	0.9795
30.8	0.9989	0.0119	0.9963	0.9987	0.7168	0.9962	0.9786
30.9	0.9990	0.0185	0.9966	0.9990	0.7594	0.9965	0.9828
31.0	0.9989	0.0053	0.9979	0.9989	0.7102	0.9967	0.9853
31.1	0.9989	0.0195	0.9978	0.9989	0.7118	0.9954	0.9865
31.2	0.9987	0.0443	0.9967	0.9986	0.5676	0.9928	0.9778
31.3	0.9985	0.0703	0.9970	0.9988	0.5055	0.9924	0.9783
31.4	0.9987	0.1479	0.9973	0.9988	0.5131	0.9894	0.9876
31.5	0.9988	0.2381	0.9978	0.9991	0.6292	0.9898	0.9881
31.6	0.9984	0.2599	0.9973	0.9990	0.5742	0.9798	0.9853
31.7	0.9983	0.3537	0.9974	0.9987	0.5893	0.9801	0.9862
31.8	0.9974	0.2405	0.9952	0.9982	0.4818	0.9639	0.9819
31.9	0.9982	0.4672	0.9957	0.9989	0.6306	0.9757	0.9859
32.0	0.9981	0.6088	0.9967	0.9990	0.7218	0.9840	0.9885
32.1	0.9972	0.6139	0.9954	0.9983	0.7092	0.9827	0.9882
32.2	0.9972	0.6835	0.9941	0.9983	0.7278	0.9777	0.9862
32.3	0.9961	0.6860	0.9957	0.9980	0.7214	0.9801	0.9877
32.4	0.9964	0.7150	0.9953	0.9988	0.7444	0.9888	0.9906
32.5	0.9959	0.7948	0.9918	0.9988	0.8055	0.9880	0.9877
32.6	0.9962	0.8495	0.9921	0.9985	0.8562	0.9919	0.9900
32.7	0.9959	0.8263	0.9916	0.9982	0.8318	0.9908	0.9893
32.8	0.9962	0.8714	0.9909	0.9985	0.8640	0.9906	0.9890
32.9	0.9967	0.9177	0.9901	0.9983	0.9082	0.9927	0.9906
33.0	0.9968	0.9301	0.9896	0.9979	0.9204	0.9923	0.9916
33.1	0.9960	0.9434	0.9866	0.9981	0.9237	0.9933	0.9896
33.2	0.9948	0.9284	0.9810	0.9975	0.8960	0.9925	0.9807
33.3	0.9948	0.9256	0.9746	0.9975	0.8860	0.9908	0.9774
33.4	0.9960	0.9300	0.9728	0.9983	0.8840	0.9921	0.9778
33.5	0.9966	0.9358	0.9693	0.9987	0.8725	0.9920	0.9784
33.6	0.9943	0.8928	0.9483	0.9979	0.7920	0.9864	0.9543
33.7	0.9939	0.8412	0.9523	0.9979	0.6801	0.9805	0.9515

33.8	0.9952	0.8206	0.9530	0.9980	0.7140	0.9763	0.9498
33.9	0.9937	0.7882	0.9310	0.9980	0.6742	0.9540	0.9305
34.0	0.9940	0.7570	0.9496	0.9982	0.6763	0.9411	0.9624
34.1	0.9953	0.8720	0.9654	0.9984	0.8317	0.9528	0.9798
34.2	0.9956	0.9029	0.9675	0.9982	0.8778	0.9618	0.9847
34.3	0.9958	0.9053	0.9755	0.9983	0.9079	0.9724	0.9864
34.4	0.9957	0.9193	0.9637	0.9984	0.9038	0.9631	0.9894
34.5	0.9957	0.9021	0.9584	0.9986	0.8887	0.9624	0.9890
34.6	0.9959	0.9280	0.9610	0.9987	0.9238	0.9678	0.9914
34.7	0.9962	0.9400	0.9523	0.9989	0.9257	0.9680	0.9907
34.8	0.9955	0.9325	0.9412	0.9988	0.9051	0.9640	0.9885
34.9	0.9974	0.9533	0.9601	0.9989	0.9361	0.9796	0.9909
35.0	0.9981	0.9551	0.9649	0.9991	0.9449	0.9856	0.9927
35.1	0.9977	0.9518	0.9466	0.9989	0.9380	0.9802	0.9869
35.2	0.9983	0.9646	0.9535	0.9990	0.9525	0.9844	0.9848
35.3	0.9979	0.9660	0.9609	0.9987	0.9516	0.9841	0.9794
35.4	0.9985	0.9674	0.9601	0.9986	0.9543	0.9874	0.9825
35.5	0.9985	0.9726	0.9619	0.9984	0.9627	0.9885	0.9833
35.6	0.9986	0.9764	0.9622	0.9985	0.9653	0.9909	0.9798
35.7	0.9986	0.9815	0.9563	0.9984	0.9729	0.9927	0.9780
35.8	0.9987	0.9757	0.9710	0.9984	0.9717	0.9942	0.9847
35.9	0.9991	0.9781	0.9642	0.9989	0.9752	0.9919	0.9847
36.0	0.9988	0.9814	0.9623	0.9984	0.9820	0.9913	0.9844
36.1	0.9985	0.9806	0.9612	0.9982	0.9805	0.9929	0.9871
36.2	0.9989	0.9839	0.9656	0.9987	0.9801	0.9924	0.9886
36.3	0.9989	0.9841	0.9709	0.9988	0.9775	0.9908	0.9903
36.4	0.9989	0.9859	0.9790	0.9988	0.9817	0.9931	0.9922
36.5	0.9982	0.9839	0.9724	0.9982	0.9798	0.9939	0.9912
36.6	0.9982	0.9836	0.9769	0.9983	0.9761	0.9937	0.9926
36.7	0.9983	0.9885	0.9832	0.9982	0.9828	0.9958	0.9939
36.8	0.9979	0.9862	0.9770	0.9976	0.9831	0.9952	0.9945
36.9	0.9989	0.9907	0.9851	0.9989	0.9891	0.9959	0.9955
37.0	0.9985	0.9907	0.9810	0.9982	0.9890	0.9960	0.9966
37.1	0.9977	0.9885	0.9766	0.9972	0.9855	0.9964	0.9968
37.2	0.9976	0.9912	0.9791	0.9974	0.9892	0.9962	0.9967
37.3	0.9974	0.9881	0.9765	0.9972	0.9849	0.9957	0.9958
37.4	0.9976	0.9923	0.9794	0.9975	0.9905	0.9965	0.9956
37.5	0.9977	0.9924	0.9836	0.9977	0.9903	0.9958	0.9960
37.6	0.9977	0.9911	0.9811	0.9976	0.9905	0.9961	0.9952
37.7	0.9966	0.9884	0.9729	0.9963	0.9875	0.9944	0.9914
37.8	0.9975	0.9912	0.9702	0.9973	0.9876	0.9963	0.9934
37.9	0.9958	0.9880	0.9673	0.9954	0.9853	0.9944	0.9888
38.0	0.9967	0.9865	0.9715	0.9961	0.9839	0.9948	0.9913
38.1	0.9979	0.9894	0.9753	0.9975	0.9862	0.9963	0.9946
38.2	0.9980	0.9907	0.9631	0.9977	0.9868	0.9971	0.9941
38.3	0.9981	0.9942	0.9703	0.9980	0.9912	0.9978	0.9958
38.4	0.9978	0.9919	0.9630	0.9976	0.9868	0.9967	0.9963
38.5	0.9974	0.9890	0.9637	0.9972	0.9816	0.9950	0.9954
38.6	0.9981	0.9943	0.9746	0.9982	0.9889	0.9960	0.9967
38.7	0.9971	0.9911	0.9721	0.9971	0.9812	0.9950	0.9950
38.8	0.9969	0.9916	0.9779	0.9970	0.9774	0.9938	0.9948
38.9	0.9975	0.9912	0.9761	0.9975	0.9756	0.9936	0.9950
39.0	0.9978	0.9918	0.9844	0.9977	0.9761	0.9955	0.9944
39.1	0.9985	0.9901	0.9876	0.9984	0.9695	0.9964	0.9952
39.2	0.9981	0.9934	0.9887	0.9983	0.9721	0.9951	0.9955
39.3	0.9978	0.9902	0.9893	0.9979	0.9683	0.9958	0.9944
39.4	0.9974	0.9900	0.9903	0.9976	0.9596	0.9949	0.9923
39.5	0.9973	0.9895	0.9919	0.9976	0.9612	0.9950	0.9944
39.6	0.9976	0.9844	0.9905	0.9978	0.9496	0.9940	0.9953
39.7	0.9975	0.9712	0.9833	0.9974	0.9084	0.9936	0.9901
39.8	0.9982	0.9727	0.9857	0.9982	0.9022	0.9947	0.9883
39.9	0.9981	0.9846	0.9875	0.9981	0.9469	0.9943	0.9925
40.0	0.9978	0.9767	0.9875	0.9979	0.9220	0.9915	0.9909
40.1	0.9982	0.9824	0.9887	0.9982	0.9427	0.9918	0.9922
40.2	0.9981	0.9822	0.9912	0.9980	0.9498	0.9920	0.9916
40.3	0.9978	0.9742	0.9889	0.9977	0.9280	0.9897	0.9903
40.4	0.9980	0.9745	0.9892	0.9978	0.9309	0.9915	0.9889
40.5	0.9982	0.9626	0.9902	0.9976	0.8907	0.9900	0.9895
40.6	0.9985	0.9694	0.9905	0.9977	0.9047	0.9913	0.9880
40.7	0.9990	0.9722	0.9902	0.9984	0.9004	0.9908	0.9882
40.8	0.9986	0.9675	0.9887	0.9980	0.8803	0.9911	0.9881
40.9	0.9984	0.9676	0.9904	0.9979	0.8372	0.9923	0.9923
41.0	0.9978	0.9425	0.9866	0.9973	0.7433	0.9908	0.9903
41.1	0.9987	0.9620	0.9901	0.9980	0.8289	0.9933	0.9851
41.2	0.9990	0.9588	0.9862	0.9983	0.8100	0.9901	0.9827
41.3	0.9989	0.9485	0.9800	0.9986	0.7293	0.9900	0.9821
41.4	0.9990	0.9546	0.9827	0.9989	0.7444	0.9908	0.9847
41.5	0.9990	0.9576	0.9866	0.9987	0.7438	0.9909	0.9862
41.6	0.9986	0.9370	0.9893	0.9986	0.6640	0.9886	0.9871
41.7	0.9988	0.9208	0.9852	0.9985	0.6599	0.9789	0.9801
41.8	0.9990	0.9269	0.9863	0.9989	0.7211	0.9845	0.9804
41.9	0.9990	0.9204	0.9879	0.9986	0.7515	0.9832	0.9754
42.0	0.9990	0.9215	0.9846	0.9986	0.7467	0.9840	0.9767
42.1	0.9990	0.9407	0.9815	0.9990	0.7774	0.9714	0.9800
42.2	0.9990	0.9207	0.9876	0.9989	0.7646	0.9599	0.9782
42.3	0.9990	0.8935	0.9902	0.9985	0.7614	0.9590	0.9808

42.4	0.9993	0.9265	0.9934	0.9988	0.8416	0.9737	0.9823
42.5	0.9990	0.9028	0.9886	0.9985	0.8193	0.9803	0.9751
42.6	0.9992	0.9064	0.9911	0.9986	0.8555	0.9847	0.9730
42.7	0.9988	0.8858	0.9862	0.9986	0.8351	0.9765	0.9689
42.8	0.9988	0.8731	0.9850	0.9984	0.8231	0.9735	0.9708
42.9	0.9987	0.8930	0.9873	0.9980	0.8635	0.9819	0.9702
43.0	0.9983	0.8938	0.9862	0.9974	0.8783	0.9858	0.9517
43.1	0.9986	0.8681	0.9672	0.9984	0.8824	0.9729	0.9629
43.2	0.9987	0.8009	0.9463	0.9981	0.8404	0.9461	0.9492
43.3	0.9986	0.7279	0.9358	0.9978	0.7902	0.9761	0.9164
43.4	0.9989	0.7533	0.9548	0.9983	0.8269	0.9820	0.9110
43.5	0.9988	0.7848	0.9753	0.9981	0.8540	0.9781	0.9091
43.6	0.9988	0.8399	0.9860	0.9974	0.8920	0.9862	0.8960
43.7	0.9985	0.8393	0.9813	0.9973	0.8799	0.9906	0.8458
43.8	0.9984	0.8088	0.9658	0.9977	0.8573	0.9884	0.7937
43.9	0.9985	0.8142	0.9603	0.9987	0.8546	0.9929	0.7201
44.0	0.9979	0.8088	0.9430	0.9971	0.8376	0.9901	0.5556
44.1	0.9981	0.8346	0.9476	0.9971	0.8861	0.9920	0.2384
44.2	0.9985	0.8824	0.9420	0.9964	0.9196	0.9895	0.1315
44.3	0.9984	0.9069	0.9223	0.9947	0.9352	0.9839	0.5349
44.4	0.9982	0.8519	0.9628	0.9972	0.9127	0.9866	0.7826
44.5	0.9982	0.7635	0.9592	0.9977	0.8722	0.9875	0.8766
44.6	0.9976	0.7522	0.9558	0.9984	0.8452	0.9928	0.9166
44.7	0.9981	0.8042	0.9518	0.9985	0.8769	0.9937	0.9342
44.8	0.9983	0.8505	0.8087	0.9984	0.9079	0.9842	0.9471
44.9	0.9980	0.7461	0.7933	0.9972	0.8322	0.9809	0.9199
45.0	0.9971	0.7979	0.8816	0.9951	0.8456	0.9865	0.8886
45.1	0.9975	0.8365	0.8808	0.9960	0.8849	0.9920	0.9388
45.2	0.9978	0.8460	0.8679	0.9958	0.8952	0.9890	0.9450
45.3	0.9984	0.9013	0.7873	0.9959	0.9247	0.9902	0.9492
45.4	0.9977	0.8844	0.2492	0.9916	0.9174	0.9874	0.9278
45.5	0.9964	0.8487	0.3509	0.9941	0.9066	0.9942	0.9489
45.6	0.9978	0.8896	0.1373	0.9941	0.9194	0.9924	0.9638
45.7	0.9980	0.9294	0.3704	0.9929	0.9456	0.9908	0.9581
45.8	0.9955	0.9116	0.6824	0.9939	0.9284	0.9917	0.9258
45.9	0.9958	0.8861	0.8530	0.9958	0.9171	0.9947	0.9413
46.0	0.9975	0.8912	0.8779	0.9948	0.9253	0.9931	0.9699
46.1	0.9965	0.9621	0.9151	0.9909	0.9753	0.9914	0.9655
46.2	0.9950	0.8823	0.8702	0.9855	0.9212	0.9816	0.9556
46.3	0.9952	0.9074	0.8721	0.9783	0.9234	0.9749	0.9659
46.4	0.9957	0.9273	0.9142	0.9810	0.9346	0.9674	0.9634
46.5	0.9983	0.9625	0.9597	0.9935	0.9674	0.9773	0.9813
46.6	0.9983	0.9686	0.9861	0.9973	0.9753	0.9929	0.9870
46.7	0.9983	0.9733	0.9464	0.9951	0.9787	0.9863	0.9920
46.8	0.9984	0.9648	0.8772	0.9901	0.9704	0.9784	0.9916
46.9	0.9952	0.9205	0.9045	0.9795	0.9285	0.9752	0.9685
47.0	0.9937	0.9154	0.9364	0.9879	0.9231	0.9777	0.9677
47.1	0.9975	0.9577	0.9553	0.9949	0.9649	0.9910	0.9863
47.2	0.9984	0.9695	0.9517	0.9958	0.9764	0.9928	0.9927
47.3	0.9971	0.9549	0.9503	0.9947	0.9615	0.9917	0.9922
47.4	0.9972	0.9657	0.9718	0.9949	0.9713	0.9907	0.9927
47.5	0.9960	0.9557	0.9639	0.9925	0.9631	0.9863	0.9864
47.6	0.9929	0.9519	0.9572	0.9919	0.9566	0.9712	0.9824
47.7	0.9944	0.9596	0.9555	0.9925	0.9626	0.9609	0.9808
47.8	0.9948	0.9682	0.9539	0.9929	0.9665	0.9769	0.9890
47.9	0.9929	0.9429	0.9431	0.9901	0.9466	0.9740	0.9829
48.0	0.9936	0.9628	0.9662	0.9939	0.9666	0.9844	0.9873
48.1	0.9933	0.9529	0.9500	0.9896	0.9570	0.9845	0.9764
48.2	0.9953	0.9528	0.9765	0.9914	0.9597	0.9882	0.9742
48.3	0.9958	0.9604	0.9821	0.9956	0.9727	0.9887	0.9843
48.4	0.9962	0.9545	0.9810	0.9951	0.9682	0.9861	0.9849
48.5	0.9966	0.9466	0.9828	0.9948	0.9597	0.9877	0.9842
48.6	0.9955	0.9598	0.9907	0.9953	0.9729	0.9904	0.9837
48.7	0.9911	0.9509	0.9861	0.9953	0.9631	0.9884	0.9828
48.8	0.9907	0.9429	0.9811	0.9957	0.9528	0.9909	0.9758
48.9	0.9947	0.9362	0.9852	0.9960	0.9490	0.9951	0.9851
49.0	0.9922	0.8970	0.9836	0.9951	0.9231	0.9948	0.9826
49.1	0.9910	0.8343	0.9585	0.9933	0.8848	0.9903	0.9745
49.2	0.9901	0.8649	0.9565	0.9910	0.9123	0.9858	0.9679
49.3	0.9924	0.9332	0.9751	0.9930	0.9523	0.9792	0.9768
49.4	0.9892	0.9191	0.9756	0.9938	0.9391	0.9745	0.9822
49.5	0.9830	0.8442	0.9822	0.9926	0.8884	0.9870	0.9705
49.6	0.9847	0.8117	0.9871	0.9931	0.8807	0.9906	0.9668
49.7	0.9840	0.8507	0.9867	0.9909	0.9024	0.9876	0.9380
49.8	0.9823	0.8724	0.9905	0.9928	0.9137	0.9898	0.9427
49.9	0.9765	0.8017	0.9839	0.9925	0.8582	0.9868	0.9518
50.0	0.9810	0.7701	0.9895	0.9924	0.8481	0.9925	0.9590
50.1	0.9816	0.7968	0.9920	0.9922	0.8656	0.9916	0.9477
50.2	0.9822	0.8319	0.9936	0.9943	0.8852	0.9940	0.9564
50.3	0.9703	0.7537	0.9877	0.9891	0.8200	0.9893	0.9439
50.4	0.9609	0.6789	0.9852	0.9870	0.7601	0.9863	0.9305
50.5	0.9744	0.7596	0.9866	0.9901	0.8229	0.9904	0.9271
50.6	0.9729	0.7833	0.9873	0.9903	0.8515	0.9886	0.9166
50.7	0.9733	0.8430	0.9924	0.9927	0.8820	0.9921	0.9292
50.8	0.9732	0.8391	0.9907	0.9923	0.8786	0.9872	0.9245
50.9	0.9487	0.6963	0.9913	0.9907	0.7739	0.9865	0.8690

51.0	0.9566	0.7528	0.9875	0.9896	0.8178	0.9891	0.9150
51.1	0.9611	0.8022	0.9869	0.9913	0.8485	0.9867	0.9172
51.2	0.9409	0.7574	0.9873	0.9888	0.8088	0.9874	0.8718
51.3	0.9185	0.6496	0.9865	0.9801	0.7049	0.9869	0.8789
51.4	0.9341	0.6133	0.9842	0.9822	0.6965	0.9902	0.8859
51.5	0.9349	0.6335	0.9839	0.9835	0.7208	0.9915	0.8453
51.6	0.9139	0.6577	0.9767	0.9785	0.7271	0.9839	0.8061
51.7	0.9287	0.7349	0.9843	0.9761	0.7860	0.9843	0.7968
51.8	0.9296	0.7362	0.9864	0.9808	0.7877	0.9883	0.7948
51.9	0.8875	0.6955	0.9742	0.9682	0.7454	0.9840	0.7601
52.0	0.8536	0.6691	0.9691	0.9602	0.7079	0.9782	0.6830
52.1	0.8924	0.7361	0.9806	0.9652	0.7697	0.9816	0.5858
52.2	0.9089	0.7985	0.9871	0.9726	0.8209	0.9874	0.5175
52.3	0.8377	0.7704	0.9798	0.9746	0.7901	0.9852	0.4933
52.4	0.8540	0.7285	0.9639	0.9518	0.7658	0.9793	0.5002
52.5	0.8536	0.7424	0.9727	0.9571	0.7752	0.9785	0.2111
52.6	0.8604	0.7373	0.9804	0.9594	0.7727	0.9853	0.2647
52.7	0.8741	0.7296	0.9662	0.9508	0.7634	0.9811	0.3380
52.8	0.8607	0.7206	0.9518	0.9307	0.7612	0.9766	0.2763
52.9	0.8666	0.8248	0.9709	0.9612	0.8473	0.9779	0.0682
53.0	0.8934	0.8932	0.9812	0.9706	0.8979	0.9837	0.0035
53.1	0.9055	0.9117	0.9884	0.9707	0.9180	0.9873	0.1683
53.2	0.8688	0.8974	0.9891	0.9635	0.9030	0.9885	0.2868
53.3	0.7947	0.8553	0.9851	0.9519	0.8624	0.9873	0.3417
53.4	0.8117	0.8606	0.9840	0.9602	0.8645	0.9854	0.3424
53.5	0.8032	0.8289	0.9865	0.9581	0.8340	0.9891	0.3126
53.6	0.7584	0.7847	0.9777	0.9546	0.7828	0.9872	0.4034
53.7	0.8461	0.8071	0.9767	0.9589	0.8067	0.9863	0.3958
53.8	0.8476	0.8555	0.9806	0.9598	0.8549	0.9878	0.4486
53.9	0.8515	0.8561	0.9782	0.9579	0.8680	0.9880	0.6633
54.0	0.8682	0.8378	0.9805	0.9582	0.8494	0.9908	0.6914
54.1	0.8711	0.7962	0.9751	0.9356	0.8108	0.9882	0.7348
54.2	0.8719	0.6722	0.9536	0.8775	0.7057	0.9806	0.7610
54.3	0.9039	0.8094	0.9627	0.8787	0.8219	0.9830	0.8250
54.4	0.8915	0.7837	0.9661	0.9070	0.7914	0.9842	0.8144
54.5	0.8837	0.8271	0.9706	0.9257	0.8341	0.9859	0.8243
54.6	0.8835	0.8651	0.9767	0.9325	0.8731	0.9894	0.7873
54.7	0.8985	0.8830	0.9737	0.9400	0.8896	0.9886	0.7982
54.8	0.9133	0.8694	0.9596	0.9366	0.8755	0.9866	0.8631
54.9	0.9265	0.9064	0.9677	0.9427	0.9104	0.9869	0.8965
55.0	0.9143	0.9183	0.9727	0.9515	0.9195	0.9844	0.8934
55.1	0.8990	0.9274	0.9735	0.9446	0.9236	0.9799	0.8559
55.2	0.8739	0.9437	0.9803	0.9647	0.9414	0.9837	0.8691
55.3	0.8219	0.9323	0.9781	0.9635	0.9262	0.9815	0.8663
55.4	0.8561	0.9314	0.9788	0.9722	0.9251	0.9834	0.8770
55.5	0.8990	0.8953	0.9636	0.9593	0.9007	0.9805	0.8720
55.6	0.9131	0.9239	0.9705	0.9664	0.9238	0.9844	0.9088
55.7	0.9030	0.9417	0.9761	0.9737	0.9413	0.9827	0.8977
55.8	0.9209	0.9554	0.9828	0.9728	0.9554	0.9869	0.9036
55.9	0.9263	0.9720	0.9896	0.9825	0.9698	0.9926	0.9251
56.0	0.9229	0.9649	0.9795	0.9807	0.9624	0.9891	0.9147
56.1	0.9273	0.9345	0.9527	0.9694	0.9396	0.9825	0.9080
56.2	0.9243	0.9539	0.9764	0.9805	0.9566	0.9866	0.9363
56.3	0.9416	0.9713	0.9885	0.9820	0.9709	0.9888	0.9433
56.4	0.9361	0.9763	0.9901	0.9880	0.9759	0.9914	0.9493
56.5	0.9162	0.9728	0.9860	0.9877	0.9705	0.9892	0.9398
56.6	0.9315	0.9794	0.9885	0.9873	0.9764	0.9898	0.9464
56.7	0.9144	0.9805	0.9908	0.9876	0.9804	0.9910	0.9518
56.8	0.8897	0.9816	0.9912	0.9899	0.9814	0.9923	0.9501
56.9	0.8736	0.9835	0.9929	0.9908	0.9822	0.9916	0.9460
57.0	0.9026	0.9827	0.9935	0.9908	0.9842	0.9925	0.9564
57.1	0.8698	0.9655	0.9665	0.9864	0.9669	0.9845	0.9338
57.2	0.8149	0.9293	0.9286	0.9711	0.9305	0.9676	0.9252
57.3	0.8330	0.9562	0.9750	0.9818	0.9550	0.9805	0.9499
57.4	0.8649	0.9687	0.9843	0.9878	0.9641	0.9859	0.9550
57.5	0.8875	0.9775	0.9872	0.9906	0.9722	0.9892	0.9631
57.6	0.9101	0.9866	0.9934	0.9938	0.9844	0.9925	0.9668
57.7	0.9163	0.9861	0.9920	0.9918	0.9837	0.9918	0.9656
57.8	0.9202	0.9854	0.9921	0.9920	0.9839	0.9927	0.9718
57.9	0.9060	0.9761	0.9917	0.9896	0.9763	0.9888	0.9710
58.0	0.9081	0.9807	0.9926	0.9913	0.9811	0.9920	0.9703
58.1	0.9282	0.9830	0.9939	0.9930	0.9825	0.9930	0.9760
58.2	0.9128	0.9817	0.9949	0.9933	0.9804	0.9915	0.9755
58.3	0.8982	0.9844	0.9949	0.9939	0.9844	0.9904	0.9714
58.4	0.9037	0.9871	0.9945	0.9948	0.9870	0.9912	0.9707
58.5	0.9114	0.9867	0.9953	0.9950	0.9857	0.9942	0.9809
58.6	0.9241	0.9825	0.9927	0.9945	0.9791	0.9914	0.9801
58.7	0.9290	0.9829	0.9941	0.9944	0.9807	0.9914	0.9855
58.8	0.9467	0.9859	0.9971	0.9958	0.9861	0.9925	0.9913
58.9	0.9479	0.9864	0.9965	0.9957	0.9857	0.9922	0.9884
59.0	0.8491	0.9420	0.9905	0.9920	0.9459	0.9894	0.9785
59.1	0.8153	0.9375	0.9930	0.9937	0.9432	0.9885	0.9750
59.2	0.8785	0.9752	0.9937	0.9945	0.9766	0.9904	0.9802
59.3	0.8269	0.9772	0.9933	0.9942	0.9783	0.9848	0.9774
59.4	0.7591	0.9727	0.9898	0.9914	0.9751	0.9821	0.9749
59.5	0.7586	0.9751	0.9892	0.9900	0.9738	0.9779	0.9767

59.6	0.5775	0.9685	0.9881	0.9818	0.9640	0.9586	0.9660
59.7	0.4794	0.9729	0.9887	0.9402	0.9730	0.9558	0.9638
59.8	0.6341	0.9376	0.9869	0.4592	0.9464	0.9478	0.9597
59.9	0.6043	0.9097	0.9878	0.0061	0.9259	0.9414	0.9555
60.0	0.4005	0.9264	0.9837	0.0180	0.9435	0.9476	0.9265
60.1	0.6357	0.9212	0.9842	0.0148	0.9416	0.9564	0.9309
60.2	0.8241	0.9338	0.9900	0.2866	0.9415	0.9620	0.9561
60.3	0.8926	0.9252	0.9911	0.8857	0.9406	0.9604	0.9716
60.4	0.9142	0.9131	0.9915	0.9794	0.9422	0.9679	0.9765
60.5	0.8912	0.8706	0.9900	0.9862	0.9279	0.9615	0.9709
60.6	0.9097	0.8379	0.9904	0.9924	0.9098	0.9670	0.9714
60.7	0.9216	0.7824	0.9902	0.9917	0.8737	0.9656	0.9698
60.8	0.9170	0.8239	0.9899	0.9922	0.8950	0.9669	0.9688
60.9	0.9380	0.8876	0.9898	0.9920	0.9269	0.9678	0.9758
61.0	0.9185	0.9044	0.9900	0.9916	0.9355	0.9524	0.9764
61.1	0.9018	0.9114	0.9920	0.9899	0.9440	0.9436	0.9769
61.2	0.8962	0.9203	0.9901	0.9904	0.9564	0.9521	0.9782
61.3	0.8852	0.9128	0.9891	0.9925	0.9398	0.9539	0.9786
61.4	0.9058	0.9108	0.9883	0.9909	0.9420	0.9661	0.9765
61.5	0.9018	0.9371	0.9924	0.9932	0.9593	0.9751	0.9820
61.6	0.9128	0.9548	0.9926	0.9924	0.9646	0.9740	0.9847
61.7	0.8836	0.9557	0.9914	0.9924	0.9635	0.9712	0.9816
61.8	0.8926	0.9586	0.9944	0.9944	0.9656	0.9760	0.9830
61.9	0.8906	0.9499	0.9942	0.9942	0.9591	0.9757	0.9841
62.0	0.8621	0.9504	0.9925	0.9932	0.9672	0.9717	0.9843
62.1	0.8604	0.9648	0.9936	0.9948	0.9709	0.9792	0.9910
62.2	0.7932	0.9524	0.9927	0.9926	0.9601	0.9796	0.9869
62.3	0.7484	0.9550	0.9912	0.9906	0.9633	0.9725	0.9827
62.4	0.7819	0.9659	0.9928	0.9933	0.9706	0.9750	0.9848
62.5	0.6553	0.9625	0.9927	0.9935	0.9673	0.9707	0.9792
62.6	0.6208	0.9693	0.9934	0.9950	0.9688	0.9767	0.9852
62.7	0.7538	0.9717	0.9944	0.9958	0.9711	0.9787	0.9880
62.8	0.6196	0.9667	0.9926	0.9938	0.9628	0.9554	0.9832
62.9	0.4463	0.9707	0.9935	0.9939	0.9716	0.9629	0.9851
63.0	0.4665	0.9695	0.9937	0.9924	0.9695	0.9554	0.9830
63.1	0.5066	0.9773	0.9917	0.9933	0.9765	0.9153	0.9818
63.2	0.5823	0.9821	0.9903	0.9931	0.9842	0.8935	0.9860
63.3	0.5608	0.9819	0.9880	0.9913	0.9846	0.8568	0.9805
63.4	0.6215	0.9857	0.9897	0.9951	0.9856	0.9113	0.9864
63.5	0.6668	0.9837	0.9855	0.9928	0.9842	0.7956	0.9855
63.6	0.7180	0.9859	0.9849	0.9901	0.9831	0.7867	0.9849
63.7	0.7233	0.9870	0.9793	0.9912	0.9849	0.8544	0.9808
63.8	0.7555	0.9903	0.9828	0.9938	0.9901	0.9003	0.9849
63.9	0.7812	0.9880	0.9826	0.9930	0.9882	0.9164	0.9852
64.0	0.7711	0.9898	0.9846	0.9933	0.9902	0.9483	0.9880
64.1	0.7670	0.9908	0.9830	0.9937	0.9907	0.9542	0.9868
64.2	0.6481	0.9891	0.9754	0.9945	0.9894	0.9436	0.9844
64.3	0.5627	0.9922	0.9779	0.9934	0.9925	0.9616	0.9819
64.4	0.5921	0.9922	0.9744	0.9933	0.9919	0.9606	0.9798
64.5	0.4455	0.9921	0.9762	0.9939	0.9926	0.9675	0.9791
64.6	0.2711	0.9922	0.9759	0.9935	0.9934	0.9727	0.9777
64.7	0.2373	0.9909	0.9687	0.9921	0.9915	0.9703	0.9737
64.8	0.1421	0.9899	0.9692	0.9938	0.9916	0.9721	0.9731
64.9	0.1578	0.9932	0.9718	0.9938	0.9936	0.9701	0.9730
65.0	0.0868	0.9907	0.9696	0.9936	0.9899	0.9701	0.9710
65.1	0.2918	0.9885	0.9721	0.9921	0.9880	0.9655	0.9722
65.2	0.4056	0.9901	0.9771	0.9929	0.9906	0.9735	0.9752
65.3	0.5478	0.9925	0.9807	0.9936	0.9934	0.9815	0.9689
65.4	0.7223	0.9939	0.9847	0.9938	0.9946	0.9848	0.9693
65.5	0.7092	0.9942	0.9826	0.9942	0.9943	0.9815	0.9733
65.6	0.7492	0.9915	0.9747	0.9932	0.9915	0.9728	0.9700
65.7	0.7892	0.9903	0.9744	0.9927	0.9906	0.9716	0.9657
65.8	0.8748	0.9932	0.9822	0.9943	0.9932	0.9788	0.9721
65.9	0.9378	0.9936	0.9892	0.9954	0.9939	0.9860	0.9798
66.0	0.9333	0.9891	0.9834	0.9915	0.9887	0.9785	0.9764
66.1	0.9489	0.9929	0.9847	0.9938	0.9923	0.9828	0.9762
66.2	0.9496	0.9935	0.9852	0.9941	0.9928	0.9830	0.9703
66.3	0.9566	0.9918	0.9838	0.9913	0.9911	0.9797	0.9631
66.4	0.9516	0.9874	0.9819	0.9876	0.9869	0.9776	0.9550
66.5	0.9712	0.9905	0.9888	0.9905	0.9909	0.9874	0.9621
66.6	0.9813	0.9934	0.9912	0.9923	0.9935	0.9896	0.9735
66.7	0.9734	0.9929	0.9878	0.9924	0.9930	0.9874	0.9606
66.8	0.9782	0.9931	0.9875	0.9917	0.9926	0.9877	0.9652
66.9	0.9805	0.9920	0.9865	0.9900	0.9923	0.9872	0.9633
67.0	0.9814	0.9936	0.9859	0.9903	0.9935	0.9869	0.9567
67.1	0.9872	0.9940	0.9893	0.9926	0.9941	0.9895	0.9697
67.2	0.9828	0.9918	0.9912	0.9905	0.9924	0.9915	0.9587
67.3	0.9803	0.9938	0.9875	0.9921	0.9940	0.9901	0.9521
67.4	0.9870	0.9951	0.9911	0.9937	0.9956	0.9924	0.9580
67.5	0.9847	0.9918	0.9877	0.9897	0.9917	0.9874	0.9461
67.6	0.9783	0.9901	0.9873	0.9872	0.9908	0.9876	0.9249
67.7	0.9754	0.9917	0.9868	0.9886	0.9930	0.9881	0.9046
67.8	0.9842	0.9939	0.9899	0.9912	0.9947	0.9910	0.9305
67.9	0.9831	0.9927	0.9885	0.9899	0.9939	0.9910	0.9223
68.0	0.9739	0.9906	0.9863	0.9873	0.9929	0.9893	0.8960
68.1	0.9736	0.9894	0.9847	0.9841	0.9916	0.9867	0.8751

68.2	0.9779	0.9914	0.9880	0.9893	0.9944	0.9911	0.8849
68.3	0.9786	0.9910	0.9889	0.9898	0.9940	0.9922	0.8684
68.4	0.9733	0.9890	0.9831	0.9839	0.9916	0.9883	0.8058
68.5	0.9693	0.9892	0.9836	0.9844	0.9927	0.9885	0.7762
68.6	0.9723	0.9894	0.9868	0.9843	0.9932	0.9909	0.7490
68.7	0.9746	0.9875	0.9867	0.9823	0.9928	0.9915	0.7368
68.8	0.9794	0.9880	0.9852	0.9849	0.9929	0.9897	0.7524
68.9	0.9803	0.9880	0.9862	0.9836	0.9938	0.9906	0.7236
69.0	0.9790	0.9872	0.9872	0.9835	0.9936	0.9918	0.7110
69.1	0.9817	0.9882	0.9918	0.9847	0.9939	0.9949	0.7506
69.2	0.9825	0.9868	0.9850	0.9799	0.9933	0.9902	0.6760
69.3	0.9742	0.9748	0.9802	0.9686	0.9891	0.9873	0.5743
69.4	0.9827	0.9828	0.9861	0.9794	0.9925	0.9914	0.6875
69.5	0.9825	0.9831	0.9848	0.9798	0.9929	0.9898	0.6975
69.6	0.9728	0.9660	0.9732	0.9608	0.9877	0.9829	0.5421
69.7	0.9586	0.9521	0.9748	0.9538	0.9844	0.9845	0.5195
69.8	0.9747	0.9636	0.9816	0.9615	0.9885	0.9874	0.6481
69.9	0.9740	0.9647	0.9808	0.9646	0.9883	0.9873	0.7415
70.0	0.9761	0.9618	0.9751	0.9599	0.9882	0.9840	0.6984
70.1	0.9838	0.9708	0.9819	0.9677	0.9908	0.9882	0.7875
70.2	0.9831	0.9735	0.9833	0.9708	0.9915	0.9881	0.8463
70.3	0.9771	0.9625	0.9748	0.9633	0.9886	0.9817	0.8067
70.4	0.9749	0.9597	0.9786	0.9644	0.9888	0.9845	0.8265
70.5	0.9684	0.9504	0.9772	0.9603	0.9858	0.9843	0.8299
70.6	0.9669	0.9474	0.9776	0.9600	0.9853	0.9843	0.8426
70.7	0.9713	0.9545	0.9771	0.9712	0.9866	0.9836	0.8595
70.8	0.9747	0.9591	0.9752	0.9733	0.9863	0.9812	0.8443
70.9	0.9756	0.9608	0.9768	0.9766	0.9888	0.9825	0.8806
71.0	0.9715	0.9610	0.9787	0.9818	0.9905	0.9843	0.9082
71.1	0.9654	0.9496	0.9727	0.9766	0.9853	0.9788	0.8916
71.2	0.9553	0.9356	0.9739	0.9739	0.9828	0.9789	0.9103
71.3	0.9587	0.9536	0.9752	0.9821	0.9848	0.9796	0.9246
71.4	0.9493	0.9496	0.9710	0.9839	0.9833	0.9756	0.9226
71.5	0.9571	0.9564	0.9787	0.9834	0.9852	0.9824	0.9374
71.6	0.9702	0.9703	0.9809	0.9809	0.9857	0.9829	0.9546
71.7	0.9717	0.9729	0.9807	0.9878	0.9895	0.9837	0.9471
71.8	0.9615	0.9627	0.9739	0.9813	0.9836	0.9783	0.9330
71.9	0.9580	0.9568	0.9763	0.9754	0.9797	0.9796	0.9335
72.0	0.9552	0.9570	0.9659	0.9646	0.9710	0.9699	0.9135
72.1	0.9573	0.9629	0.9584	0.9594	0.9689	0.9634	0.9176
72.2	0.9679	0.9684	0.9730	0.9711	0.9775	0.9767	0.9458
72.3	0.9726	0.9735	0.9708	0.9717	0.9770	0.9739	0.9510
72.4	0.9789	0.9788	0.9761	0.9742	0.9821	0.9786	0.9618
72.5	0.9780	0.9684	0.9721	0.9611	0.9772	0.9756	0.9554
72.6	0.9738	0.9666	0.9638	0.9501	0.9741	0.9683	0.9490
72.7	0.9787	0.9705	0.9700	0.9584	0.9765	0.9733	0.9574
72.8	0.9810	0.9682	0.9746	0.9559	0.9767	0.9771	0.9584
72.9	0.9747	0.9601	0.9667	0.9384	0.9688	0.9695	0.9492
73.0	0.9669	0.9496	0.9500	0.9085	0.9541	0.9545	0.9238
73.1	0.9696	0.9510	0.9548	0.9104	0.9587	0.9587	0.9333
73.2	0.9765	0.9634	0.9661	0.9285	0.9683	0.9686	0.9496
73.3	0.9786	0.9625	0.9686	0.9287	0.9694	0.9702	0.9428
73.4	0.9800	0.9656	0.9687	0.9277	0.9705	0.9709	0.9517
73.5	0.9751	0.9509	0.9573	0.8966	0.9592	0.9614	0.9379
73.6	0.9698	0.9389	0.9448	0.8563	0.9476	0.9493	0.9142
73.7	0.9680	0.9278	0.9459	0.8406	0.9437	0.9496	0.8823
73.8	0.9788	0.9546	0.9626	0.8888	0.9618	0.9645	0.9153
73.9	0.9816	0.9525	0.9683	0.9028	0.9691	0.9693	0.9080
74.0	0.9827	0.9460	0.9658	0.8798	0.9679	0.9680	0.8986
74.1	0.9819	0.9405	0.9610	0.8388	0.9600	0.9632	0.8715
74.2	0.9804	0.9276	0.9656	0.8288	0.9594	0.9676	0.8208
74.3	0.9659	0.8647	0.9501	0.7071	0.9345	0.9530	0.6066
74.4	0.9659	0.8613	0.9426	0.7174	0.9351	0.9447	0.6487
74.5	0.9662	0.8539	0.9411	0.6710	0.9290	0.9443	0.4703
74.6	0.9740	0.8537	0.9454	0.5960	0.9335	0.9485	0.3281
74.7	0.9739	0.8572	0.9419	0.6300	0.9355	0.9441	0.3153
74.8	0.9709	0.8484	0.9450	0.6359	0.9379	0.9478	0.3296
74.9	0.9703	0.8376	0.9520	0.6114	0.9388	0.9555	0.4246
75.0	0.9685	0.7931	0.9466	0.5903	0.9379	0.9497	0.4181
75.1	0.9651	0.8108	0.9406	0.5110	0.9357	0.9438	0.5801
75.2	0.9676	0.8417	0.9316	0.4410	0.9324	0.9361	0.6673
75.3	0.9646	0.8267	0.9245	0.4018	0.9257	0.9285	0.6988
75.4	0.9693	0.7474	0.9332	0.2149	0.9221	0.9359	0.7212
75.5	0.9677	0.7611	0.9344	0.1860	0.9209	0.9380	0.7719
75.6	0.9608	0.8023	0.9262	0.2288	0.9115	0.9309	0.8080
75.7	0.9511	0.7611	0.9255	0.1927	0.9055	0.9289	0.8041
75.8	0.9622	0.8185	0.9295	0.2124	0.9203	0.9340	0.8227
75.9	0.9755	0.8630	0.9312	0.4154	0.9406	0.9344	0.8516
76.0	0.9752	0.8280	0.9364	0.4464	0.9464	0.9389	0.7946
76.1	0.9715	0.8483	0.9311	0.4465	0.9342	0.9346	0.8176
76.2	0.9688	0.8632	0.9339	0.4833	0.9302	0.9372	0.8769
76.3	0.9776	0.8616	0.9444	0.5506	0.9460	0.9477	0.8626
76.4	0.9637	0.8664	0.9133	0.5602	0.9206	0.9186	0.8632
76.5	0.9526	0.8792	0.8905	0.5765	0.8962	0.8984	0.8759
76.6	0.9589	0.8900	0.8918	0.6207	0.9058	0.8959	0.8698
76.7	0.9629	0.8676	0.9077	0.6561	0.9226	0.9091	0.8508

76.8	0.9366	0.8325	0.8734	0.6493	0.8833	0.8787	0.8281
76.9	0.9333	0.8621	0.8741	0.7066	0.8859	0.8797	0.8473
77.0	0.9316	0.8732	0.8841	0.7333	0.8968	0.8857	0.8682
77.1	0.9338	0.8612	0.8894	0.7100	0.8944	0.8953	0.8864
77.2	0.9318	0.8598	0.8739	0.7447	0.8946	0.8778	0.8691
77.3	0.9348	0.8790	0.8677	0.7569	0.8964	0.8695	0.8965
77.4	0.9363	0.8780	0.8757	0.7902	0.8957	0.8766	0.9023
77.5	0.9245	0.8361	0.8812	0.7309	0.8762	0.8819	0.9170
77.6	0.9041	0.8172	0.8399	0.6700	0.8495	0.8374	0.8793
77.7	0.9266	0.8914	0.8736	0.8103	0.8786	0.8716	0.9312
77.8	0.9451	0.9139	0.9053	0.8303	0.9114	0.9043	0.9364
77.9	0.9286	0.8823	0.9007	0.8210	0.8993	0.8986	0.9253
78.0	0.9045	0.8625	0.8612	0.8404	0.8847	0.8443	0.9024
78.1	0.9297	0.8909	0.8968	0.8777	0.9184	0.8853	0.9093
78.2	0.9206	0.8851	0.8919	0.8878	0.9080	0.8823	0.8979
78.3	0.8965	0.8530	0.8572	0.8306	0.8771	0.8435	0.8973
78.4	0.9126	0.8600	0.8860	0.8625	0.9012	0.8724	0.9106
78.5	0.8951	0.8616	0.8708	0.8897	0.8880	0.8546	0.9025
78.6	0.9052	0.8680	0.8727	0.8695	0.8956	0.8627	0.9174
78.7	0.8948	0.8682	0.8701	0.8478	0.8902	0.8648	0.9360
78.8	0.9102	0.8775	0.8936	0.8934	0.9064	0.8843	0.9192
78.9	0.9293	0.8949	0.9087	0.8933	0.9254	0.9004	0.9246
79.0	0.8901	0.8555	0.8666	0.8492	0.8828	0.8596	0.9097
79.1	0.8650	0.8110	0.8508	0.8364	0.8606	0.8431	0.9087
79.2	0.8556	0.8065	0.8467	0.8158	0.8512	0.8403	0.9021
79.3	0.8972	0.8799	0.8915	0.8909	0.9045	0.8859	0.9440
79.4	0.9206	0.9086	0.9082	0.9078	0.9271	0.9053	0.9603
79.5	0.9086	0.8779	0.8886	0.8794	0.9136	0.8850	0.9453
79.6	0.8903	0.8461	0.8847	0.8658	0.9071	0.8725	0.9062
79.7	0.8963	0.8553	0.8970	0.8642	0.9191	0.8865	0.9190
79.8	0.8972	0.8601	0.8689	0.8548	0.9150	0.8566	0.9371
79.9	0.8716	0.8238	0.8331	0.8098	0.8831	0.8160	0.9262
80.0	0.9034	0.8790	0.8981	0.8561	0.9085	0.8793	0.9236

2.2.67 Run 6 – VT000-200 – Accels 1–8

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.5327	0.5596	0.2619	0.4971	0.1165	0.4023	0.3210	0.2228
0.1	0.0564	0.0366	0.0203	0.0113	0.0191	0.0746	0.0136	0.0044
0.2	0.0135	0.0109	0.0024	0.0156	0.0032	0.0056	0.0033	0.0430
0.3	0.0027	0.0048	0.0051	0.0002	0.0078	0.0009	0.0150	0.0379
0.4	0.0080	0.0174	0.0472	0.0140	0.0446	0.0265	0.0552	0.0763
0.5	0.0059	0.0409	0.0263	0.0227	0.0530	0.0412	0.0109	0.0032
0.6	0.0012	0.0024	0.0642	0.0169	0.0060	0.0842	0.0221	0.0016
0.7	0.0177	0.0135	0.0885	0.0278	0.0108	0.0324	0.0895	0.0030
0.8	0.0293	0.0495	0.0622	0.0069	0.0013	0.0096	0.0595	0.0027
0.9	0.0087	0.2054	0.0568	0.0059	0.0138	0.0822	0.0149	0.0011
1.0	0.0220	0.3426	0.1858	0.0182	0.0041	0.1813	0.1118	0.0020
1.1	0.0337	0.4599	0.3270	0.0693	0.0036	0.0969	0.3794	0.0390
1.2	0.1020	0.4106	0.3053	0.0983	0.0328	0.0330	0.4507	0.0226
1.3	0.3086	0.4880	0.3769	0.1063	0.0846	0.2726	0.3189	0.0031
1.4	0.2807	0.6164	0.4995	0.1414	0.3341	0.3906	0.4813	0.0350
1.5	0.4216	0.6447	0.6016	0.0691	0.3767	0.2045	0.5181	0.1656
1.6	0.4542	0.6553	0.7466	0.0741	0.5613	0.2981	0.5481	0.4292
1.7	0.4705	0.7729	0.7659	0.1591	0.7956	0.5794	0.6216	0.6686
1.8	0.5221	0.8228	0.7461	0.1055	0.7741	0.6169	0.6641	0.7213
1.9	0.4246	0.7610	0.7383	0.1680	0.6589	0.5919	0.5556	0.6798
2.0	0.6847	0.8384	0.6169	0.1973	0.8392	0.6356	0.6988	0.8349
2.1	0.7568	0.7127	0.1805	0.2398	0.8060	0.2934	0.7929	0.6316
2.2	0.8022	0.5271	0.5825	0.3812	0.6681	0.2520	0.8374	0.6090
2.3	0.7734	0.6397	0.6340	0.4654	0.3867	0.5188	0.8616	0.4362
2.4	0.8517	0.2640	0.2505	0.5508	0.5520	0.6734	0.9288	0.5790
2.5	0.8834	0.5421	0.7251	0.5591	0.6011	0.7974	0.9362	0.6443
2.6	0.9012	0.8740	0.9255	0.4579	0.5606	0.7999	0.9222	0.6056
2.7	0.9179	0.8988	0.9449	0.5453	0.5801	0.8262	0.9447	0.5799
2.8	0.9357	0.9212	0.9518	0.7037	0.6864	0.7952	0.9518	0.7030
2.9	0.9299	0.9400	0.9611	0.7202	0.7603	0.6902	0.9566	0.7239
3.0	0.9055	0.9296	0.9526	0.6355	0.6820	0.4517	0.9498	0.7246
3.1	0.8896	0.8969	0.9396	0.5152	0.5735	0.3687	0.9388	0.6658
3.2	0.8705	0.9164	0.9418	0.5436	0.6294	0.3353	0.9508	0.5767
3.3	0.8043	0.8974	0.9230	0.4774	0.6091	0.2690	0.9196	0.5186
3.4	0.7814	0.9024	0.9124	0.5798	0.4954	0.3104	0.8904	0.5487
3.5	0.7709	0.8479	0.8694	0.5771	0.3077	0.2499	0.8775	0.3206
3.6	0.7769	0.7964	0.8632	0.3657	0.1276	0.2452	0.8834	0.0842
3.7	0.8738	0.9314	0.9507	0.5989	0.2004	0.4190	0.9205	0.4572
3.8	0.9860	0.9913	0.9944	0.9363	0.7473	0.7727	0.9901	0.7921
3.9	0.9941	0.9966	0.9978	0.9780	0.9297	0.8659	0.9952	0.9116
4.0	0.9954	0.9982	0.9981	0.9869	0.9445	0.9100	0.9969	0.9548
4.1	0.9939	0.9977	0.9979	0.9867	0.9252	0.9035	0.9960	0.9508
4.2	0.9945	0.9960	0.9978	0.9835	0.8965	0.8905	0.9971	0.9009
4.3	0.9941	0.9957	0.9975	0.9795	0.8769	0.8597	0.9960	0.8725
4.4	0.9903	0.9961	0.9969	0.9779	0.8718	0.7874	0.9960	0.8477
4.5	0.9920	0.9955	0.9973	0.9764	0.8757	0.7640	0.9963	0.8266
4.6	0.9884	0.9933	0.9956	0.9597	0.7384	0.7025	0.9919	0.7479
4.7	0.9888	0.9922	0.9948	0.9502	0.7255	0.7181	0.9948	0.6469
4.8	0.9876	0.9913	0.9943	0.9558	0.6138	0.6259	0.9940	0.3932
4.9	0.9812	0.9908	0.9876	0.9451	0.4076	0.4325	0.9937	0.2898
5.0	0.9867	0.9934	0.9908	0.9599	0.4384	0.3497	0.9926	0.4035
5.1	0.9945	0.9964	0.9970	0.9800	0.6067	0.5503	0.9945	0.4636
5.2	0.9911	0.9959	0.9954	0.9811	0.3503	0.5628	0.9913	0.3220
5.3	0.9884	0.9929	0.9926	0.9666	0.5531	0.2582	0.9930	0.4997
5.4	0.9754	0.9828	0.9881	0.9212	0.5972	0.0714	0.9881	0.4936
5.5	0.9486	0.9562	0.9627	0.8468	0.4320	0.0540	0.9804	0.3439
5.6	0.9510	0.9483	0.9395	0.8377	0.5128	0.2681	0.9798	0.3457
5.7	0.9859	0.9905	0.9888	0.9476	0.7756	0.4607	0.9942	0.4013
5.8	0.9943	0.9966	0.9957	0.9844	0.8392	0.5479	0.9967	0.1662
5.9	0.9962	0.9969	0.9985	0.9921	0.8289	0.5872	0.9964	0.0079
6.0	0.9963	0.9988	0.9993	0.9960	0.8915	0.7571	0.9957	0.4833
6.1	0.9948	0.9993	0.9990	0.9943	0.9316	0.7445	0.9933	0.7800
6.2	0.9966	0.9995	0.9992	0.9965	0.9563	0.8501	0.9955	0.8682
6.3	0.9963	0.9995	0.9995	0.9967	0.9653	0.9299	0.9951	0.9320
6.4	0.9941	0.9994	0.9993	0.9941	0.9292	0.9384	0.9917	0.9324
6.5	0.9952	0.9996	0.9993	0.9947	0.9264	0.9557	0.9934	0.9598
6.6	0.9937	0.9991	0.9990	0.9936	0.9142	0.9308	0.9915	0.9614
6.7	0.9914	0.9981	0.9978	0.9914	0.8902	0.9083	0.9882	0.9559
6.8	0.9803	0.9912	0.9854	0.9797	0.8257	0.7574	0.9743	0.9354
6.9	0.9587	0.9501	0.9260	0.9590	0.7866	0.5878	0.9479	0.8992
7.0	0.9128	0.8454	0.8154	0.9117	0.6755	0.7309	0.8954	0.8360
7.1	0.8758	0.8630	0.8544	0.8755	0.6668	0.7416	0.8628	0.8293
7.2	0.9362	0.9630	0.9619	0.9371	0.8312	0.7196	0.9350	0.9353
7.3	0.9433	0.9777	0.9783	0.9429	0.9120	0.1418	0.9454	0.9521
7.4	0.9464	0.9875	0.9866	0.9458	0.9443	0.5362	0.9528	0.9661
7.5	0.8997	0.9893	0.9878	0.8994	0.8940	0.8323	0.9237	0.9623
7.6	0.9509	0.9986	0.9982	0.9506	0.9406	0.9217	0.9723	0.9919
7.7	0.9631	0.9996	0.9995	0.9609	0.9540	0.9355	0.9838	0.9964
7.8	0.9631	0.9996	0.9996	0.9566	0.9421	0.9409	0.9895	0.9980
7.9	0.9826	0.9992	0.9991	0.9793	0.9500	0.9555	0.9967	0.9977

8.0	0.9525	0.9989	0.9989	0.9441	0.9519	0.9352	0.9896	0.9951
8.1	0.9236	0.9992	0.9993	0.9132	0.9588	0.9346	0.9898	0.9973
8.2	0.9548	0.9991	0.9990	0.9509	0.9638	0.9642	0.9947	0.9973
8.3	0.9661	0.9992	0.9992	0.9663	0.9697	0.9654	0.9952	0.9977
8.4	0.9728	0.9990	0.9989	0.9697	0.9751	0.9570	0.9950	0.9969
8.5	0.9821	0.9989	0.9989	0.9824	0.9763	0.9543	0.9948	0.9964
8.6	0.9760	0.9981	0.9980	0.9754	0.9759	0.9403	0.9873	0.9956
8.7	0.9744	0.9968	0.9965	0.9746	0.9685	0.9303	0.9762	0.9916
8.8	0.9806	0.9960	0.9953	0.9803	0.9721	0.9345	0.9775	0.9885
8.9	0.9788	0.9949	0.9934	0.9792	0.9819	0.9123	0.9690	0.9852
9.0	0.9833	0.9935	0.9915	0.9819	0.9744	0.9081	0.9743	0.9803
9.1	0.9753	0.9917	0.9895	0.9754	0.9743	0.9347	0.9304	0.9819
9.2	0.9490	0.9761	0.9714	0.9467	0.9746	0.9059	0.9321	0.9527
9.3	0.9298	0.9550	0.9473	0.9282	0.9740	0.8358	0.9391	0.9254
9.4	0.9489	0.9499	0.9437	0.9488	0.9789	0.8547	0.9658	0.9423
9.5	0.9744	0.9646	0.9611	0.9742	0.9853	0.9070	0.9858	0.9696
9.6	0.9786	0.9582	0.9547	0.9781	0.9900	0.8971	0.9900	0.9724
9.7	0.9833	0.9558	0.9444	0.9832	0.9931	0.8413	0.9930	0.9794
9.8	0.9861	0.9668	0.9427	0.9850	0.9946	0.8530	0.9942	0.9823
9.9	0.9906	0.9833	0.9595	0.9901	0.9958	0.8380	0.9957	0.9876
10.0	0.9917	0.9906	0.9762	0.9899	0.9946	0.8151	0.9954	0.9905
10.1	0.9895	0.9903	0.9795	0.9876	0.9948	0.8699	0.9938	0.9888
10.2	0.9938	0.9965	0.9923	0.9917	0.9958	0.8821	0.9946	0.9940
10.3	0.9963	0.9966	0.9962	0.9922	0.9968	0.8818	0.9951	0.9965
10.4	0.9979	0.9989	0.9988	0.9959	0.9975	0.9086	0.9982	0.9985
10.5	0.9960	0.9978	0.9956	0.9921	0.9967	0.8819	0.9957	0.9961
10.6	0.9956	0.9984	0.9966	0.9926	0.9970	0.9183	0.9969	0.9962
10.7	0.9941	0.9980	0.9963	0.9897	0.9971	0.9104	0.9962	0.9947
10.8	0.9929	0.9969	0.9949	0.9821	0.9969	0.8940	0.9950	0.9926
10.9	0.9936	0.9980	0.9972	0.9800	0.9977	0.9354	0.9969	0.9953
11.0	0.9934	0.9980	0.9978	0.9784	0.9981	0.9508	0.9971	0.9947
11.1	0.9960	0.9988	0.9984	0.9831	0.9988	0.9670	0.9981	0.9972
11.2	0.9937	0.9982	0.9979	0.9705	0.9981	0.9616	0.9974	0.9949
11.3	0.9926	0.9985	0.9986	0.9457	0.9985	0.9588	0.9977	0.9953
11.4	0.9915	0.9981	0.9983	0.9343	0.9984	0.9629	0.9963	0.9928
11.5	0.9930	0.9988	0.9989	0.9365	0.9986	0.9743	0.9970	0.9959
11.6	0.9880	0.9978	0.9981	0.8270	0.9984	0.9677	0.9938	0.9919
11.7	0.9843	0.9982	0.9985	0.8078	0.9990	0.9709	0.9927	0.9904
11.8	0.9841	0.9982	0.9986	0.8267	0.9990	0.9743	0.9929	0.9893
11.9	0.9795	0.9980	0.9987	0.8936	0.9988	0.9751	0.9901	0.9868
12.0	0.9779	0.9981	0.9985	0.8985	0.9984	0.9713	0.9895	0.9766
12.1	0.9786	0.9978	0.9984	0.8714	0.9985	0.9752	0.9877	0.9764
12.2	0.9752	0.9973	0.9983	0.8792	0.9983	0.9861	0.9817	0.9679
12.3	0.9772	0.9977	0.9988	0.9283	0.9985	0.9892	0.9878	0.9628
12.4	0.9805	0.9970	0.9987	0.9459	0.9982	0.9875	0.9885	0.9608
12.5	0.9824	0.9966	0.9982	0.9504	0.9981	0.9847	0.9924	0.9702
12.6	0.9798	0.9960	0.9974	0.9550	0.9976	0.9789	0.9943	0.9713
12.7	0.9811	0.9957	0.9967	0.9489	0.9972	0.9773	0.9929	0.9683
12.8	0.9844	0.9951	0.9947	0.9659	0.9971	0.9811	0.9937	0.9793
12.9	0.9830	0.9950	0.9923	0.9571	0.9968	0.9711	0.9937	0.9840
13.0	0.9843	0.9960	0.9940	0.9519	0.9969	0.9784	0.9925	0.9867
13.1	0.9830	0.9954	0.9933	0.9612	0.9967	0.9765	0.9906	0.9866
13.2	0.9844	0.9923	0.9923	0.9727	0.9951	0.9724	0.9866	0.9771
13.3	0.9728	0.9907	0.9872	0.9665	0.9942	0.9675	0.9791	0.9613
13.4	0.9591	0.9884	0.9702	0.9599	0.9925	0.9554	0.9687	0.9333
13.5	0.9443	0.9837	0.9515	0.9569	0.9890	0.9374	0.9677	0.8958
13.6	0.9237	0.9782	0.9343	0.9531	0.9863	0.9067	0.9604	0.8806
13.7	0.9387	0.9848	0.9533	0.9663	0.9890	0.9189	0.9638	0.9266
13.8	0.9568	0.9930	0.9684	0.9767	0.9894	0.9423	0.9782	0.9476
13.9	0.9502	0.9889	0.9653	0.9670	0.9798	0.9452	0.9768	0.9405
14.0	0.9571	0.9801	0.9710	0.9699	0.9756	0.9600	0.9755	0.9499
14.1	0.9129	0.9470	0.9393	0.9331	0.9426	0.9462	0.9561	0.9077
14.2	0.9040	0.9342	0.9216	0.9224	0.9272	0.9125	0.9251	0.9106
14.3	0.9282	0.9483	0.9360	0.9409	0.9414	0.9128	0.9325	0.9383
14.4	0.9128	0.9374	0.9152	0.9327	0.9240	0.8530	0.9045	0.9258
14.5	0.9636	0.9706	0.9597	0.9677	0.9632	0.9035	0.9552	0.9684
14.6	0.9811	0.9791	0.9692	0.9706	0.9732	0.9141	0.9544	0.9746
14.7	0.9920	0.9906	0.9863	0.9830	0.9876	0.9503	0.9451	0.9896
14.8	0.9914	0.9919	0.9885	0.9865	0.9878	0.9466	0.9396	0.9918
14.9	0.9953	0.9943	0.9909	0.9910	0.9909	0.9395	0.9406	0.9930
15.0	0.9973	0.9961	0.9936	0.9898	0.9937	0.9296	0.9259	0.9933
15.1	0.9978	0.9968	0.9951	0.9902	0.9947	0.9142	0.8963	0.9950
15.2	0.9969	0.9962	0.9942	0.9896	0.9932	0.8820	0.8128	0.9922
15.3	0.9979	0.9973	0.9960	0.9903	0.9949	0.8939	0.8562	0.9937
15.4	0.9985	0.9975	0.9965	0.9901	0.9950	0.8929	0.9042	0.9940
15.5	0.9986	0.9981	0.9975	0.9860	0.9963	0.8376	0.8897	0.9905
15.6	0.9987	0.9980	0.9973	0.9872	0.9952	0.8176	0.8994	0.9896
15.7	0.9989	0.9986	0.9981	0.9812	0.9961	0.8376	0.9058	0.9869
15.8	0.9989	0.9986	0.9978	0.9803	0.9957	0.8097	0.8921	0.9842
15.9	0.9990	0.9988	0.9982	0.9818	0.9953	0.7408	0.9012	0.9810
16.0	0.9991	0.9990	0.9985	0.9810	0.9952	0.6986	0.9104	0.9750
16.1	0.9993	0.9990	0.9985	0.9772	0.9957	0.7595	0.9239	0.9787
16.2	0.9993	0.9993	0.9991	0.9714	0.9968	0.7346	0.9359	0.9801
16.3	0.9995	0.9994	0.9993	0.9702	0.9981	0.6928	0.9393	0.9812
16.4	0.9994	0.9992	0.9991	0.9587	0.9973	0.6265	0.9243	0.9748
16.5	0.9995	0.9994	0.9992	0.9643	0.9974	0.6637	0.9366	0.9762

16.6	0.9996	0.9995	0.9992	0.9548	0.9968	0.5873	0.9324	0.9767
16.7	0.9994	0.9993	0.9992	0.9438	0.9958	0.4896	0.9208	0.9684
16.8	0.9991	0.9992	0.9992	0.9004	0.9961	0.5388	0.9061	0.9618
16.9	0.9992	0.9993	0.9992	0.8855	0.9956	0.6424	0.9233	0.9643
17.0	0.9994	0.9995	0.9992	0.9334	0.9953	0.6434	0.9431	0.9775
17.1	0.9994	0.9996	0.9993	0.9188	0.9945	0.6031	0.9496	0.9821
17.2	0.9995	0.9994	0.9992	0.8596	0.9953	0.7132	0.9495	0.9832
17.3	0.9996	0.9995	0.9992	0.8422	0.9963	0.6887	0.9436	0.9872
17.4	0.9996	0.9997	0.9994	0.8162	0.9970	0.6533	0.9203	0.9865
17.5	0.9995	0.9996	0.9994	0.7580	0.9955	0.6345	0.9145	0.9869
17.6	0.9997	0.9997	0.9996	0.7724	0.9956	0.7093	0.9366	0.9895
17.7	0.9996	0.9997	0.9995	0.7582	0.9956	0.7157	0.9405	0.9919
17.8	0.9994	0.9996	0.9992	0.6650	0.9951	0.6134	0.9042	0.9928
17.9	0.9994	0.9995	0.9991	0.7091	0.9944	0.6851	0.9044	0.9929
18.0	0.9993	0.9996	0.9993	0.7886	0.9934	0.6901	0.9258	0.9928
18.1	0.9996	0.9996	0.9993	0.8693	0.9956	0.7078	0.9474	0.9948
18.2	0.9996	0.9995	0.9991	0.9013	0.9955	0.7423	0.9579	0.9956
18.3	0.9996	0.9996	0.9992	0.9147	0.9951	0.8109	0.9661	0.9957
18.4	0.9994	0.9996	0.9992	0.9222	0.9929	0.8186	0.9506	0.9946
18.5	0.9991	0.9997	0.9996	0.9484	0.9952	0.7724	0.9620	0.9954
18.6	0.9985	0.9996	0.9994	0.9539	0.9935	0.4431	0.9550	0.9938
18.7	0.9989	0.9993	0.9991	0.9617	0.9926	0.1022	0.9708	0.9941
18.8	0.9993	0.9993	0.9993	0.9671	0.9923	0.2483	0.9814	0.9956
18.9	0.9995	0.9995	0.9991	0.9741	0.9886	0.3428	0.9840	0.9950
19.0	0.9993	0.9994	0.9986	0.9698	0.9868	0.4015	0.9833	0.9939
19.1	0.9994	0.9995	0.9990	0.9737	0.9881	0.4745	0.9835	0.9958
19.2	0.9994	0.9995	0.9992	0.9745	0.9847	0.5836	0.9840	0.9945
19.3	0.9994	0.9993	0.9993	0.9645	0.9788	0.6022	0.9819	0.9922
19.4	0.9995	0.9995	0.9993	0.9681	0.9808	0.6412	0.9872	0.9938
19.5	0.9995	0.9994	0.9991	0.9769	0.9801	0.7070	0.9894	0.9938
19.6	0.9995	0.9994	0.9991	0.9793	0.9798	0.7483	0.9910	0.9936
19.7	0.9994	0.9993	0.9987	0.9719	0.9734	0.7364	0.9872	0.9913
19.8	0.9995	0.9996	0.9992	0.9776	0.9838	0.7513	0.9910	0.9941
19.9	0.9996	0.9993	0.9991	0.9789	0.9739	0.6644	0.9939	0.9915
20.0	0.9995	0.9995	0.9993	0.9864	0.9789	0.6614	0.9947	0.9935
20.1	0.9995	0.9996	0.9991	0.9880	0.9796	0.6261	0.9944	0.9938
20.2	0.9996	0.9995	0.9994	0.9873	0.9821	0.6840	0.9958	0.9954
20.3	0.9993	0.9992	0.9988	0.9702	0.9681	0.3816	0.9919	0.9927
20.4	0.9995	0.9996	0.9992	0.9832	0.9791	0.2734	0.9943	0.9957
20.5	0.9995	0.9997	0.9991	0.9854	0.9837	0.4784	0.9955	0.9962
20.6	0.9995	0.9996	0.9993	0.9823	0.9870	0.4003	0.9941	0.9968
20.7	0.9995	0.9995	0.9993	0.9854	0.9868	0.3455	0.9933	0.9964
20.8	0.9994	0.9994	0.9992	0.9861	0.9862	0.4077	0.9937	0.9957
20.9	0.9994	0.9993	0.9989	0.9807	0.9813	0.4362	0.9930	0.9949
21.0	0.9993	0.9992	0.9989	0.9782	0.9783	0.3414	0.9915	0.9942
21.1	0.9991	0.9994	0.9990	0.9820	0.9797	0.4874	0.9910	0.9948
21.2	0.9994	0.9995	0.9991	0.9882	0.9838	0.4797	0.9933	0.9963
21.3	0.9993	0.9995	0.9989	0.9851	0.9861	0.5480	0.9922	0.9954
21.4	0.9993	0.9996	0.9989	0.9899	0.9893	0.6387	0.9940	0.9966
21.5	0.9993	0.9995	0.9989	0.9910	0.9873	0.5944	0.9939	0.9964
21.6	0.9994	0.9995	0.9993	0.9912	0.9924	0.6623	0.9955	0.9967
21.7	0.9993	0.9995	0.9990	0.9878	0.9880	0.6480	0.9952	0.9956
21.8	0.9991	0.9994	0.9987	0.9862	0.9868	0.7000	0.9942	0.9958
21.9	0.9988	0.9993	0.9981	0.9834	0.9836	0.6430	0.9901	0.9949
22.0	0.9991	0.9994	0.9985	0.9871	0.9807	0.6405	0.9938	0.9961
22.1	0.9992	0.9992	0.9984	0.9825	0.9831	0.6880	0.9931	0.9956
22.2	0.9994	0.9993	0.9985	0.9820	0.9873	0.6753	0.9947	0.9973
22.3	0.9993	0.9992	0.9988	0.9842	0.9859	0.6253	0.9932	0.9974
22.4	0.9993	0.9992	0.9990	0.9784	0.9857	0.5504	0.9921	0.9971
22.5	0.9991	0.9991	0.9986	0.9668	0.9881	0.5305	0.9896	0.9979
22.6	0.9988	0.9990	0.9981	0.9572	0.9858	0.3538	0.9828	0.9975
22.7	0.9992	0.9991	0.9985	0.9472	0.9801	0.3798	0.9856	0.9975
22.8	0.9993	0.9992	0.9986	0.9574	0.9810	0.4979	0.9825	0.9982
22.9	0.9993	0.9992	0.9985	0.9610	0.9845	0.6264	0.9806	0.9984
23.0	0.9995	0.9990	0.9980	0.9643	0.9867	0.7398	0.9900	0.9987
23.1	0.9995	0.9988	0.9974	0.9547	0.9805	0.7485	0.9814	0.9983
23.2	0.9996	0.9991	0.9979	0.9519	0.9832	0.7895	0.9844	0.9984
23.3	0.9995	0.9989	0.9976	0.9527	0.9868	0.8113	0.9855	0.9986
23.4	0.9996	0.9990	0.9979	0.9693	0.9849	0.8342	0.9879	0.9987
23.5	0.9994	0.9988	0.9968	0.9612	0.9766	0.7994	0.9852	0.9988
23.6	0.9996	0.9991	0.9978	0.9744	0.9799	0.9032	0.9922	0.9986
23.7	0.9997	0.9991	0.9980	0.9745	0.9792	0.9217	0.9940	0.9987
23.8	0.9998	0.9990	0.9981	0.9771	0.9771	0.9187	0.9940	0.9987
23.9	0.9997	0.9990	0.9977	0.9819	0.9778	0.9300	0.9943	0.9989
24.0	0.9996	0.9987	0.9976	0.9784	0.9761	0.9359	0.9937	0.9987
24.1	0.9996	0.9985	0.9975	0.9733	0.9690	0.9220	0.9935	0.9985
24.2	0.9997	0.9990	0.9972	0.9821	0.9646	0.9543	0.9948	0.9988
24.3	0.9997	0.9990	0.9964	0.9825	0.9538	0.9463	0.9944	0.9985
24.4	0.9996	0.9985	0.9963	0.9713	0.9605	0.9455	0.9928	0.9982
24.5	0.9994	0.9983	0.9954	0.9728	0.9564	0.9464	0.9903	0.9982
24.6	0.9995	0.9983	0.9963	0.9790	0.9513	0.9514	0.9927	0.9988
24.7	0.9996	0.9981	0.9961	0.9788	0.9353	0.9492	0.9945	0.9991
24.8	0.9997	0.9986	0.9953	0.9805	0.9362	0.9498	0.9958	0.9990
24.9	0.9997	0.9982	0.9930	0.9793	0.9298	0.9316	0.9965	0.9991
25.0	0.9998	0.9985	0.9937	0.9851	0.9302	0.9378	0.9984	0.9993
25.1	0.9997	0.9985	0.9940	0.9868	0.9154	0.9546	0.9979	0.9990

25.2	0.9998	0.9983	0.9942	0.9843	0.9347	0.9640	0.9983	0.9991
25.3	0.9998	0.9985	0.9940	0.9865	0.9351	0.9667	0.9986	0.9992
25.4	0.9998	0.9987	0.9937	0.9895	0.9248	0.9659	0.9988	0.9991
25.5	0.9997	0.9984	0.9927	0.9870	0.9146	0.9678	0.9983	0.9989
25.6	0.9998	0.9985	0.9925	0.9900	0.9265	0.9688	0.9982	0.9991
25.7	0.9997	0.9974	0.9892	0.9833	0.9144	0.9513	0.9980	0.9989
25.8	0.9998	0.9968	0.9904	0.9847	0.9230	0.9528	0.9989	0.9991
25.9	0.9997	0.9974	0.9893	0.9865	0.9292	0.9665	0.9985	0.9990
26.0	0.9996	0.9969	0.9862	0.9826	0.9207	0.9606	0.9971	0.9988
26.1	0.9996	0.9953	0.9837	0.9750	0.9453	0.9422	0.9978	0.9988
26.2	0.9998	0.9960	0.9855	0.9823	0.9756	0.9427	0.9982	0.9989
26.3	0.9998	0.9963	0.9831	0.9838	0.9819	0.9525	0.9986	0.9993
26.4	0.9998	0.9957	0.9852	0.9834	0.9777	0.9325	0.9985	0.9994
26.5	0.9998	0.9958	0.9795	0.9790	0.9809	0.8851	0.9988	0.9993
26.6	0.9998	0.9946	0.9706	0.9718	0.9849	0.8344	0.9987	0.9994
26.7	0.9998	0.9940	0.9682	0.9735	0.9792	0.7291	0.9989	0.9994
26.8	0.9997	0.9937	0.9634	0.9762	0.9809	0.6848	0.9990	0.9994
26.9	0.9998	0.9929	0.9590	0.9727	0.9831	0.6551	0.9991	0.9993
27.0	0.9997	0.9902	0.9572	0.9664	0.9823	0.5982	0.9989	0.9992
27.1	0.9997	0.9922	0.9481	0.9732	0.9879	0.7822	0.9990	0.9994
27.2	0.9997	0.9896	0.9241	0.9674	0.9864	0.7919	0.9991	0.9992
27.3	0.9997	0.9877	0.8971	0.9655	0.9888	0.8515	0.9992	0.9993
27.4	0.9996	0.9885	0.8854	0.9632	0.9874	0.9131	0.9988	0.9994
27.5	0.9996	0.9854	0.7857	0.9489	0.9854	0.9288	0.9988	0.9993
27.6	0.9996	0.9828	0.7706	0.9531	0.9804	0.9399	0.9986	0.9993
27.7	0.9997	0.9862	0.7816	0.9673	0.9897	0.9593	0.9992	0.9992
27.8	0.9995	0.9801	0.5924	0.9510	0.9892	0.9520	0.9989	0.9990
27.9	0.9994	0.9745	0.5300	0.9337	0.9927	0.9742	0.9986	0.9989
28.0	0.9992	0.9729	0.4051	0.9387	0.9939	0.9776	0.9980	0.9990
28.1	0.9995	0.9738	0.4099	0.9431	0.9954	0.9834	0.9985	0.9991
28.2	0.9994	0.9679	0.2717	0.9275	0.9949	0.9832	0.9988	0.9985
28.3	0.9993	0.9610	0.1257	0.9175	0.9929	0.9874	0.9991	0.9988
28.4	0.9992	0.9577	0.0489	0.8987	0.9953	0.9876	0.9992	0.9991
28.5	0.9990	0.9447	0.0013	0.8693	0.9944	0.9864	0.9985	0.9989
28.6	0.9992	0.9506	0.0244	0.9070	0.9957	0.9899	0.9989	0.9990
28.7	0.9989	0.9316	0.0368	0.8694	0.9963	0.9886	0.9986	0.9987
28.8	0.9989	0.9182	0.0751	0.8397	0.9950	0.9822	0.9985	0.9986
28.9	0.9987	0.9095	0.0815	0.8453	0.9951	0.9777	0.9983	0.9985
29.0	0.9986	0.9162	0.2518	0.8502	0.9965	0.9775	0.9981	0.9982
29.1	0.9989	0.9353	0.4081	0.8728	0.9967	0.9834	0.9982	0.9984
29.2	0.9990	0.9353	0.4983	0.8692	0.9953	0.9821	0.9982	0.9984
29.3	0.9986	0.9137	0.4603	0.8491	0.9944	0.9751	0.9978	0.9978
29.4	0.9983	0.9117	0.4990	0.8681	0.9946	0.9714	0.9974	0.9978
29.5	0.9986	0.9131	0.6282	0.8722	0.9965	0.9752	0.9978	0.9980
29.6	0.9991	0.9449	0.7342	0.9142	0.9981	0.9781	0.9988	0.9988
29.7	0.9991	0.9433	0.7688	0.9241	0.9979	0.9797	0.9988	0.9989
29.8	0.9984	0.9034	0.7811	0.8543	0.9965	0.9687	0.9977	0.9984
29.9	0.9976	0.9380	0.8218	0.8990	0.9962	0.9573	0.9909	0.9985
30.0	0.9979	0.9474	0.8559	0.9176	0.9965	0.9581	0.9937	0.9986
30.1	0.9990	0.9515	0.8826	0.9313	0.9976	0.9702	0.9987	0.9985
30.2	0.9993	0.9625	0.9159	0.9528	0.9977	0.9696	0.9987	0.9986
30.3	0.9994	0.9743	0.9395	0.9630	0.9974	0.9717	0.9991	0.9990
30.4	0.9993	0.9692	0.9433	0.9649	0.9961	0.9635	0.9990	0.9989
30.5	0.9994	0.9683	0.9473	0.9645	0.9944	0.9473	0.9979	0.9982
30.6	0.9996	0.9808	0.9659	0.9734	0.9972	0.9600	0.9986	0.9988
30.7	0.9996	0.9800	0.9728	0.9729	0.9969	0.9564	0.9982	0.9986
30.8	0.9993	0.9736	0.9693	0.9717	0.9960	0.9577	0.9972	0.9981
30.9	0.9992	0.9669	0.9631	0.9602	0.9958	0.9427	0.9980	0.9977
31.0	0.9991	0.9674	0.9701	0.9663	0.9943	0.9336	0.9970	0.9970
31.1	0.9992	0.9744	0.9763	0.9716	0.9961	0.9333	0.9979	0.9980
31.2	0.9993	0.9713	0.9785	0.9672	0.9951	0.9241	0.9980	0.9979
31.3	0.9994	0.9675	0.9765	0.9629	0.9935	0.8926	0.9971	0.9974
31.4	0.9995	0.9735	0.9822	0.9720	0.9932	0.8801	0.9973	0.9976
31.5	0.9994	0.9768	0.9858	0.9726	0.9908	0.8330	0.9966	0.9973
31.6	0.9995	0.9805	0.9881	0.9814	0.9915	0.8595	0.9973	0.9977
31.7	0.9993	0.9747	0.9860	0.9766	0.9875	0.8626	0.9956	0.9971
31.8	0.9993	0.9581	0.9872	0.9762	0.9919	0.8382	0.9953	0.9970
31.9	0.9994	0.9711	0.9897	0.9798	0.9912	0.8772	0.9968	0.9978
32.0	0.9994	0.9779	0.9903	0.9842	0.9919	0.8621	0.9964	0.9983
32.1	0.9994	0.9740	0.9894	0.9842	0.9908	0.8356	0.9961	0.9982
32.2	0.9996	0.9713	0.9902	0.9866	0.9916	0.8886	0.9969	0.9983
32.3	0.9995	0.9739	0.9913	0.9873	0.9930	0.8756	0.9973	0.9980
32.4	0.9995	0.9731	0.9893	0.9895	0.9933	0.8305	0.9979	0.9979
32.5	0.9995	0.9692	0.9897	0.9889	0.9929	0.8283	0.9972	0.9980
32.6	0.9994	0.9681	0.9902	0.9903	0.9918	0.8623	0.9964	0.9976
32.7	0.9996	0.9704	0.9903	0.9919	0.9942	0.8684	0.9977	0.9984
32.8	0.9994	0.9615	0.9889	0.9897	0.9926	0.7911	0.9966	0.9975
32.9	0.9993	0.9576	0.9907	0.9913	0.9945	0.7915	0.9972	0.9979
33.0	0.9994	0.9651	0.9917	0.9948	0.9943	0.8153	0.9971	0.9982
33.1	0.9995	0.9585	0.9900	0.9954	0.9946	0.8623	0.9973	0.9981
33.2	0.9994	0.9636	0.9903	0.9936	0.9953	0.8718	0.9973	0.9981
33.3	0.9997	0.9503	0.9906	0.9959	0.9962	0.9192	0.9982	0.9985
33.4	0.9996	0.9287	0.9899	0.9959	0.9959	0.8986	0.9982	0.9981
33.5	0.9996	0.9208	0.9892	0.9962	0.9968	0.8826	0.9984	0.9982
33.6	0.9995	0.9153	0.9888	0.9956	0.9956	0.8469	0.9981	0.9979
33.7	0.9996	0.9417	0.9925	0.9965	0.9971	0.8700	0.9987	0.9986

33.8	0.9995	0.9351	0.9910	0.9967	0.9975	0.8221	0.9987	0.9989
33.9	0.9995	0.8959	0.9893	0.9968	0.9975	0.8480	0.9986	0.9987
34.0	0.9997	0.9370	0.9939	0.9979	0.9981	0.9149	0.9991	0.9990
34.1	0.9997	0.9432	0.9945	0.9973	0.9982	0.9295	0.9991	0.9989
34.2	0.9996	0.9200	0.9907	0.9966	0.9974	0.9265	0.9991	0.9988
34.3	0.9996	0.9075	0.9890	0.9970	0.9968	0.9289	0.9989	0.9985
34.4	0.9996	0.9095	0.9919	0.9971	0.9967	0.9417	0.9990	0.9981
34.5	0.9995	0.8818	0.9901	0.9964	0.9958	0.9507	0.9986	0.9976
34.6	0.9996	0.9150	0.9916	0.9971	0.9966	0.9611	0.9988	0.9980
34.7	0.9996	0.9037	0.9932	0.9977	0.9970	0.9644	0.9991	0.9982
34.8	0.9995	0.9016	0.9930	0.9970	0.9969	0.9624	0.9988	0.9977
34.9	0.9996	0.9260	0.9931	0.9977	0.9973	0.9721	0.9989	0.9982
35.0	0.9996	0.9370	0.9930	0.9978	0.9974	0.9756	0.9990	0.9981
35.1	0.9996	0.9313	0.9927	0.9983	0.9973	0.9811	0.9992	0.9980
35.2	0.9994	0.8964	0.9889	0.9978	0.9964	0.9717	0.9985	0.9969
35.3	0.9994	0.9325	0.9922	0.9976	0.9974	0.9778	0.9989	0.9978
35.4	0.9995	0.9563	0.9945	0.9981	0.9966	0.9784	0.9988	0.9969
35.5	0.9997	0.9594	0.9942	0.9984	0.9972	0.9803	0.9991	0.9976
35.6	0.9996	0.9503	0.9930	0.9985	0.9963	0.9775	0.9990	0.9972
35.7	0.9995	0.9502	0.9929	0.9984	0.9968	0.9814	0.9989	0.9972
35.8	0.9995	0.9609	0.9935	0.9985	0.9974	0.9863	0.9990	0.9974
35.9	0.9995	0.9628	0.9932	0.9983	0.9967	0.9862	0.9988	0.9968
36.0	0.9996	0.9553	0.9925	0.9984	0.9969	0.9798	0.9986	0.9969
36.1	0.9996	0.9612	0.9949	0.9990	0.9974	0.9874	0.9990	0.9974
36.2	0.9995	0.9654	0.9954	0.9986	0.9970	0.9828	0.9988	0.9971
36.3	0.9995	0.9625	0.9943	0.9987	0.9967	0.9844	0.9989	0.9969
36.4	0.9996	0.9671	0.9934	0.9988	0.9976	0.9863	0.9992	0.9980
36.5	0.9995	0.9681	0.9928	0.9985	0.9967	0.9833	0.9988	0.9971
36.6	0.9995	0.9653	0.9931	0.9979	0.9965	0.9793	0.9986	0.9971
36.7	0.9994	0.9643	0.9946	0.9982	0.9967	0.9848	0.9990	0.9974
36.8	0.9995	0.9692	0.9943	0.9983	0.9974	0.9823	0.9991	0.9978
36.9	0.9996	0.9651	0.9945	0.9979	0.9971	0.9807	0.9989	0.9972
37.0	0.9997	0.9738	0.9957	0.9981	0.9980	0.9860	0.9992	0.9980
37.1	0.9997	0.9788	0.9957	0.9984	0.9981	0.9909	0.9993	0.9981
37.2	0.9994	0.9748	0.9950	0.9979	0.9963	0.9812	0.9988	0.9967
37.3	0.9993	0.9704	0.9941	0.9981	0.9961	0.9815	0.9985	0.9963
37.4	0.9993	0.9783	0.9941	0.9982	0.9961	0.9822	0.9985	0.9962
37.5	0.9994	0.9757	0.9941	0.9976	0.9958	0.9790	0.9986	0.9961
37.6	0.9993	0.9791	0.9954	0.9969	0.9945	0.9761	0.9983	0.9953
37.7	0.9994	0.9806	0.9947	0.9971	0.9952	0.9835	0.9984	0.9950
37.8	0.9990	0.9692	0.9912	0.9955	0.9941	0.9663	0.9975	0.9942
37.9	0.9992	0.9776	0.9941	0.9970	0.9955	0.9808	0.9983	0.9956
38.0	0.9987	0.9797	0.9939	0.9950	0.9943	0.9646	0.9972	0.9948
38.1	0.9991	0.9872	0.9959	0.9955	0.9963	0.9807	0.9985	0.9954
38.2	0.9989	0.9832	0.9960	0.9951	0.9962	0.9783	0.9988	0.9955
38.3	0.9987	0.9780	0.9953	0.9948	0.9960	0.9743	0.9987	0.9959
38.4	0.9989	0.9823	0.9957	0.9953	0.9969	0.9749	0.9989	0.9959
38.5	0.9991	0.9855	0.9963	0.9961	0.9966	0.9761	0.9987	0.9956
38.6	0.9993	0.9904	0.9974	0.9970	0.9973	0.9828	0.9992	0.9968
38.7	0.9989	0.9899	0.9961	0.9964	0.9973	0.9809	0.9988	0.9962
38.8	0.9988	0.9880	0.9955	0.9963	0.9962	0.9762	0.9984	0.9946
38.9	0.9989	0.9915	0.9970	0.9957	0.9957	0.9770	0.9985	0.9944
39.0	0.9993	0.9895	0.9966	0.9962	0.9954	0.9700	0.9987	0.9941
39.1	0.9992	0.9885	0.9963	0.9961	0.9952	0.9715	0.9986	0.9940
39.2	0.9987	0.9878	0.9955	0.9943	0.9944	0.9591	0.9980	0.9923
39.3	0.9984	0.9874	0.9947	0.9939	0.9936	0.9252	0.9981	0.9902
39.4	0.9988	0.9864	0.9954	0.9952	0.9939	0.9285	0.9985	0.9921
39.5	0.9991	0.9867	0.9962	0.9945	0.9929	0.9070	0.9983	0.9912
39.6	0.9991	0.9894	0.9970	0.9957	0.9946	0.9171	0.9987	0.9934
39.7	0.9991	0.9896	0.9971	0.9948	0.9953	0.8825	0.9981	0.9943
39.8	0.9988	0.9886	0.9964	0.9939	0.9953	0.8502	0.9981	0.9945
39.9	0.9985	0.9881	0.9964	0.9920	0.9946	0.7832	0.9983	0.9933
40.0	0.9987	0.9868	0.9959	0.9901	0.9940	0.7170	0.9984	0.9930
40.1	0.9988	0.9867	0.9970	0.9885	0.9933	0.6421	0.9982	0.9921
40.2	0.9984	0.9878	0.9970	0.9906	0.9937	0.6664	0.9985	0.9924
40.3	0.9984	0.9856	0.9960	0.9917	0.9931	0.5545	0.9986	0.9913
40.4	0.9978	0.9795	0.9946	0.9863	0.9899	0.2879	0.9979	0.9871
40.5	0.9983	0.9830	0.9956	0.9851	0.9931	0.1155	0.9981	0.9912
40.6	0.9984	0.9837	0.9961	0.9851	0.9926	0.1680	0.9982	0.9893
40.7	0.9986	0.9889	0.9959	0.9880	0.9937	0.3757	0.9989	0.9919
40.8	0.9982	0.9870	0.9950	0.9847	0.9938	0.5420	0.9986	0.9919
40.9	0.9982	0.9858	0.9937	0.9822	0.9922	0.5210	0.9983	0.9898
41.0	0.9987	0.9899	0.9956	0.9886	0.9935	0.6889	0.9989	0.9910
41.1	0.9984	0.9879	0.9953	0.9802	0.9938	0.7665	0.9985	0.9916
41.2	0.9984	0.9898	0.9946	0.9818	0.9925	0.8228	0.9985	0.9900
41.3	0.9983	0.9870	0.9948	0.9775	0.9921	0.8765	0.9978	0.9893
41.4	0.9981	0.9832	0.9945	0.9750	0.9913	0.8754	0.9969	0.9893
41.5	0.9986	0.9861	0.9945	0.9808	0.9921	0.8728	0.9982	0.9912
41.6	0.9985	0.9833	0.9910	0.9774	0.9882	0.8924	0.9981	0.9881
41.7	0.9984	0.9838	0.9941	0.9718	0.9896	0.9339	0.9983	0.9882
41.8	0.9981	0.9806	0.9923	0.9728	0.9879	0.9300	0.9972	0.9873
41.9	0.9982	0.9821	0.9925	0.9754	0.9869	0.9377	0.9970	0.9862
42.0	0.9989	0.9857	0.9940	0.9708	0.9903	0.9594	0.9977	0.9897
42.1	0.9990	0.9841	0.9946	0.9730	0.9893	0.9642	0.9978	0.9888
42.2	0.9985	0.9830	0.9943	0.9669	0.9879	0.9480	0.9983	0.9865
42.3	0.9985	0.9848	0.9945	0.9674	0.9879	0.9507	0.9974	0.9853

42.4	0.9986	0.9828	0.9931	0.9719	0.9853	0.9564	0.9975	0.9860
42.5	0.9984	0.9831	0.9911	0.9615	0.9812	0.9617	0.9985	0.9841
42.6	0.9988	0.9804	0.9921	0.9731	0.9827	0.9651	0.9985	0.9862
42.7	0.9986	0.9817	0.9929	0.9676	0.9802	0.9651	0.9977	0.9821
42.8	0.9978	0.9788	0.9915	0.9381	0.9772	0.9632	0.9949	0.9766
42.9	0.9984	0.9814	0.9930	0.9427	0.9822	0.9705	0.9976	0.9848
43.0	0.9985	0.9805	0.9935	0.9349	0.9823	0.9722	0.9982	0.9864
43.1	0.9978	0.9708	0.9924	0.9336	0.9736	0.9632	0.9979	0.9806
43.2	0.9976	0.9698	0.9912	0.9326	0.9685	0.9595	0.9985	0.9707
43.3	0.9980	0.9656	0.9925	0.9307	0.9625	0.9633	0.9985	0.9669
43.4	0.9984	0.9759	0.9954	0.9434	0.9789	0.9816	0.9979	0.9802
43.5	0.9977	0.9762	0.9939	0.9365	0.9737	0.9721	0.9969	0.9773
43.6	0.9979	0.9706	0.9925	0.9381	0.9670	0.9697	0.9960	0.9780
43.7	0.9979	0.9742	0.9928	0.9322	0.9661	0.9727	0.9968	0.9713
43.8	0.9980	0.9751	0.9939	0.9423	0.9653	0.9763	0.9969	0.9715
43.9	0.9983	0.9807	0.9956	0.9526	0.9706	0.9833	0.9981	0.9758
44.0	0.9978	0.9804	0.9954	0.9442	0.9703	0.9809	0.9980	0.9751
44.1	0.9974	0.9791	0.9956	0.9345	0.9671	0.9839	0.9976	0.9719
44.2	0.9977	0.9781	0.9957	0.9553	0.9630	0.9852	0.9974	0.9769
44.3	0.9972	0.9774	0.9950	0.9539	0.9498	0.9822	0.9978	0.9741
44.4	0.9972	0.9806	0.9960	0.9534	0.9534	0.9868	0.9985	0.9688
44.5	0.9971	0.9795	0.9959	0.9505	0.9448	0.9865	0.9985	0.9658
44.6	0.9955	0.9746	0.9946	0.9459	0.9195	0.9810	0.9977	0.9441
44.7	0.9957	0.9784	0.9943	0.9505	0.9129	0.9856	0.9980	0.9591
44.8	0.9964	0.9821	0.9957	0.9516	0.9084	0.9904	0.9980	0.9427
44.9	0.9956	0.9807	0.9954	0.9492	0.8969	0.9902	0.9979	0.8800
45.0	0.9966	0.9842	0.9958	0.9666	0.9007	0.9917	0.9982	0.9397
45.1	0.9966	0.9859	0.9966	0.9695	0.9005	0.9906	0.9986	0.9512
45.2	0.9977	0.9875	0.9968	0.9770	0.8820	0.9916	0.9989	0.9519
45.3	0.9968	0.9844	0.9962	0.9745	0.8405	0.9911	0.9983	0.9414
45.4	0.9950	0.9813	0.9969	0.9728	0.7975	0.9871	0.9973	0.9255
45.5	0.9943	0.9772	0.9963	0.9698	0.7173	0.9845	0.9957	0.9075
45.6	0.9937	0.9802	0.9962	0.9669	0.6627	0.9864	0.9957	0.8968
45.7	0.9954	0.9854	0.9970	0.9734	0.6148	0.9893	0.9971	0.9051
45.8	0.9966	0.9887	0.9974	0.9786	0.7101	0.9933	0.9981	0.9185
45.9	0.9971	0.9914	0.9981	0.9822	0.8018	0.9934	0.9986	0.9483
46.0	0.9969	0.9878	0.9978	0.9815	0.6755	0.9937	0.9982	0.9241
46.1	0.9972	0.9866	0.9979	0.9844	0.6027	0.9893	0.9978	0.9257
46.2	0.9961	0.9835	0.9967	0.9812	0.6097	0.9855	0.9961	0.8778
46.3	0.9968	0.9901	0.9976	0.9852	0.7171	0.9923	0.9976	0.8831
46.4	0.9968	0.9888	0.9984	0.9871	0.6740	0.9926	0.9981	0.8205
46.5	0.9967	0.9879	0.9983	0.9893	0.6478	0.9929	0.9977	0.8209
46.6	0.9964	0.9901	0.9978	0.9890	0.6752	0.9925	0.9967	0.8320
46.7	0.9959	0.9877	0.9974	0.9852	0.7098	0.9919	0.9963	0.8161
46.8	0.9970	0.9855	0.9978	0.9886	0.7911	0.9952	0.9970	0.8808
46.9	0.9970	0.9868	0.9979	0.9906	0.8462	0.9934	0.9976	0.9048
47.0	0.9964	0.9820	0.9972	0.9841	0.8407	0.9890	0.9970	0.8815
47.1	0.9961	0.9848	0.9975	0.9849	0.8515	0.9916	0.9963	0.8733
47.2	0.9968	0.9896	0.9979	0.9878	0.9048	0.9940	0.9972	0.9351
47.3	0.9967	0.9875	0.9972	0.9833	0.8974	0.9941	0.9966	0.9274
47.4	0.9961	0.9863	0.9970	0.9813	0.9048	0.9941	0.9965	0.9418
47.5	0.9965	0.9845	0.9968	0.9796	0.9008	0.9917	0.9958	0.9254
47.6	0.9975	0.9872	0.9974	0.9828	0.9310	0.9893	0.9961	0.9410
47.7	0.9973	0.9876	0.9974	0.9858	0.9378	0.9916	0.9964	0.9160
47.8	0.9967	0.9882	0.9972	0.9875	0.9412	0.9921	0.9962	0.9229
47.9	0.9973	0.9879	0.9971	0.9883	0.9410	0.9903	0.9958	0.9181
48.0	0.9971	0.9867	0.9969	0.9838	0.9419	0.9853	0.9947	0.9145
48.1	0.9973	0.9873	0.9965	0.9861	0.9407	0.9864	0.9944	0.9306
48.2	0.9959	0.9850	0.9960	0.9869	0.9356	0.9834	0.9929	0.9253
48.3	0.9949	0.9822	0.9950	0.9867	0.9264	0.9815	0.9908	0.9085
48.4	0.9962	0.9895	0.9967	0.9885	0.9586	0.9883	0.9942	0.9427
48.5	0.9973	0.9895	0.9975	0.9886	0.9634	0.9903	0.9953	0.9535
48.6	0.9965	0.9853	0.9968	0.9874	0.9532	0.9860	0.9925	0.9342
48.7	0.9960	0.9847	0.9963	0.9861	0.9563	0.9829	0.9918	0.9349
48.8	0.9946	0.9829	0.9961	0.9852	0.9548	0.9780	0.9904	0.9332
48.9	0.9950	0.9818	0.9951	0.9870	0.9519	0.9762	0.9885	0.9403
49.0	0.9965	0.9819	0.9950	0.9886	0.9567	0.9762	0.9874	0.9465
49.1	0.9957	0.9842	0.9955	0.9902	0.9648	0.9785	0.9891	0.9469
49.2	0.9950	0.9855	0.9961	0.9907	0.9678	0.9805	0.9903	0.9620
49.3	0.9969	0.9875	0.9964	0.9931	0.9707	0.9829	0.9903	0.9632
49.4	0.9976	0.9839	0.9960	0.9928	0.9669	0.9790	0.9876	0.9638
49.5	0.9970	0.9820	0.9962	0.9927	0.9665	0.9726	0.9854	0.9618
49.6	0.9968	0.9870	0.9971	0.9941	0.9764	0.9784	0.9881	0.9760
49.7	0.9966	0.9871	0.9967	0.9941	0.9772	0.9755	0.9868	0.9764
49.8	0.9945	0.9862	0.9961	0.9921	0.9753	0.9763	0.9833	0.9698
49.9	0.9921	0.9806	0.9950	0.9888	0.9686	0.9618	0.9779	0.9604
50.0	0.9931	0.9746	0.9935	0.9879	0.9586	0.9484	0.9669	0.9502
50.1	0.9934	0.9684	0.9923	0.9900	0.9525	0.9411	0.9548	0.9482
50.2	0.9950	0.9784	0.9948	0.9914	0.9694	0.9566	0.9675	0.9678
50.3	0.9957	0.9820	0.9953	0.9920	0.9735	0.9607	0.9689	0.9713
50.4	0.9936	0.9796	0.9946	0.9908	0.9719	0.9507	0.9610	0.9653
50.5	0.9928	0.9801	0.9952	0.9921	0.9756	0.9508	0.9639	0.9705
50.6	0.9925	0.9766	0.9947	0.9923	0.9708	0.9391	0.9515	0.9720
50.7	0.9922	0.9616	0.9923	0.9878	0.9553	0.9098	0.9258	0.9533
50.8	0.9931	0.9598	0.9912	0.9854	0.9544	0.9057	0.9199	0.9563
50.9	0.9920	0.9683	0.9917	0.9914	0.9616	0.9193	0.9199	0.9610

51.0	0.9921	0.9676	0.9923	0.9934	0.9626	0.9238	0.9147	0.9577
51.1	0.9895	0.9646	0.9915	0.9913	0.9614	0.8968	0.8989	0.9585
51.2	0.9883	0.9652	0.9919	0.9915	0.9641	0.8955	0.8943	0.9635
51.3	0.9879	0.9705	0.9927	0.9909	0.9686	0.9180	0.9019	0.9671
51.4	0.9889	0.9725	0.9922	0.9925	0.9697	0.9245	0.8974	0.9648
51.5	0.9865	0.9665	0.9914	0.9926	0.9676	0.9090	0.8852	0.9615
51.6	0.9799	0.9471	0.9877	0.9891	0.9489	0.8447	0.8247	0.9447
51.7	0.9820	0.9540	0.9916	0.9888	0.9583	0.8637	0.8519	0.9569
51.8	0.9855	0.9627	0.9915	0.9927	0.9645	0.8814	0.8684	0.9599
51.9	0.9855	0.9677	0.9917	0.9925	0.9709	0.8984	0.8789	0.9643
52.0	0.9858	0.9699	0.9944	0.9912	0.9765	0.9145	0.9035	0.9769
52.1	0.9816	0.9635	0.9944	0.9899	0.9723	0.8940	0.8882	0.9759
52.2	0.9757	0.9535	0.9945	0.9899	0.9641	0.8696	0.8581	0.9644
52.3	0.9648	0.9424	0.9926	0.9876	0.9596	0.8570	0.8381	0.9535
52.4	0.9613	0.9178	0.9882	0.9844	0.9419	0.7772	0.7481	0.9410
52.5	0.9661	0.9346	0.9915	0.9877	0.9570	0.8376	0.8137	0.9657
52.6	0.9571	0.9406	0.9920	0.9895	0.9603	0.8778	0.8443	0.9664
52.7	0.9571	0.9351	0.9924	0.9879	0.9582	0.8632	0.8350	0.9580
52.8	0.9570	0.9397	0.9934	0.9889	0.9633	0.8742	0.8640	0.9657
52.9	0.9677	0.9506	0.9947	0.9892	0.9688	0.9108	0.8938	0.9708
53.0	0.9628	0.9445	0.9950	0.9885	0.9668	0.9005	0.8831	0.9700
53.1	0.9540	0.9403	0.9945	0.9868	0.9653	0.8934	0.8777	0.9608
53.2	0.9360	0.9306	0.9939	0.9833	0.9613	0.8922	0.8766	0.9474
53.3	0.9355	0.9256	0.9920	0.9826	0.9631	0.8978	0.8746	0.9489
53.4	0.9461	0.9379	0.9936	0.9871	0.9677	0.9150	0.8889	0.9603
53.5	0.9344	0.9274	0.9949	0.9855	0.9674	0.9151	0.8908	0.9553
53.6	0.9232	0.9197	0.9917	0.9825	0.9627	0.9012	0.8831	0.9464
53.7	0.9184	0.9195	0.9885	0.9789	0.9620	0.9088	0.8966	0.9440
53.8	0.9047	0.9254	0.9914	0.9802	0.9718	0.9205	0.9190	0.9617
53.9	0.8771	0.9196	0.9918	0.9804	0.9712	0.9280	0.9245	0.9660
54.0	0.8806	0.9152	0.9919	0.9814	0.9715	0.9222	0.9273	0.9602
54.1	0.8285	0.8770	0.9871	0.9680	0.9553	0.8906	0.8959	0.9142
54.2	0.7863	0.8668	0.9861	0.9670	0.9493	0.8799	0.8910	0.8944
54.3	0.8307	0.9010	0.9923	0.9713	0.9658	0.9079	0.9193	0.9437
54.4	0.8380	0.9252	0.9934	0.9795	0.9745	0.9355	0.9389	0.9555
54.5	0.8527	0.9180	0.9945	0.9829	0.9733	0.9282	0.9410	0.9551
54.6	0.8015	0.8959	0.9932	0.9777	0.9642	0.9123	0.9258	0.9328
54.7	0.6933	0.8860	0.9902	0.9740	0.9637	0.9026	0.9279	0.9325
54.8	0.6766	0.9039	0.9907	0.9826	0.9747	0.9209	0.9524	0.9558
54.9	0.6911	0.9236	0.9928	0.9868	0.9818	0.9452	0.9635	0.9686
55.0	0.6816	0.9269	0.9927	0.9850	0.9786	0.9458	0.9571	0.9671
55.1	0.5813	0.9007	0.9912	0.9817	0.9730	0.9200	0.9455	0.9559
55.2	0.4448	0.8858	0.9885	0.9763	0.9703	0.9109	0.9353	0.9523
55.3	0.4730	0.8917	0.9912	0.9786	0.9725	0.9252	0.9425	0.9553
55.4	0.3936	0.9095	0.9889	0.9752	0.9773	0.9464	0.9527	0.9610
55.5	0.4113	0.9109	0.9897	0.9688	0.9826	0.9497	0.9634	0.9652
55.6	0.2390	0.8968	0.9877	0.9692	0.9748	0.9242	0.9440	0.9627
55.7	0.1855	0.9057	0.9884	0.9738	0.9778	0.9385	0.9512	0.9699
55.8	0.1600	0.9185	0.9848	0.9759	0.9768	0.9430	0.9485	0.9681
55.9	0.0696	0.9333	0.9891	0.9727	0.9808	0.9431	0.9584	0.9719
56.0	0.0921	0.9493	0.9886	0.9717	0.9836	0.9302	0.9654	0.9786
56.1	0.1162	0.9533	0.9880	0.9726	0.9817	0.9385	0.9619	0.9781
56.2	0.0510	0.9476	0.9875	0.9708	0.9818	0.9488	0.9621	0.9747
56.3	0.0245	0.9254	0.9830	0.9754	0.9718	0.9307	0.9430	0.9660
56.4	0.0302	0.9174	0.9823	0.9694	0.9708	0.9213	0.9436	0.9662
56.5	0.0984	0.9407	0.9877	0.9746	0.9811	0.9505	0.9660	0.9679
56.6	0.0954	0.9275	0.9877	0.9718	0.9769	0.9359	0.9591	0.9605
56.7	0.1629	0.9124	0.9794	0.9670	0.9649	0.9047	0.9378	0.9396
56.8	0.1768	0.9034	0.9817	0.9693	0.9693	0.9183	0.9439	0.9469
56.9	0.1856	0.9238	0.9830	0.9572	0.9792	0.9380	0.9642	0.9575
57.0	0.3539	0.9136	0.9871	0.9615	0.9801	0.9363	0.9653	0.9500
57.1	0.4520	0.9247	0.9832	0.9658	0.9785	0.9240	0.9654	0.9445
57.2	0.3759	0.9372	0.9878	0.9810	0.9831	0.9502	0.9729	0.9648
57.3	0.5220	0.9458	0.9871	0.9772	0.9851	0.9666	0.9788	0.9673
57.4	0.4681	0.9294	0.9875	0.9752	0.9863	0.9565	0.9791	0.9643
57.5	0.4520	0.9286	0.9862	0.9762	0.9842	0.9495	0.9754	0.9608
57.6	0.5311	0.9120	0.9883	0.9725	0.9858	0.9504	0.9781	0.9572
57.7	0.5297	0.8940	0.9900	0.9736	0.9869	0.9424	0.9796	0.9596
57.8	0.5759	0.9059	0.9805	0.9624	0.9817	0.9405	0.9761	0.9560
57.9	0.4924	0.8913	0.9737	0.9572	0.9765	0.9333	0.9710	0.9393
58.0	0.5538	0.8866	0.9771	0.9585	0.9781	0.9359	0.9736	0.9389
58.1	0.5889	0.9006	0.9796	0.9623	0.9840	0.9457	0.9827	0.9478
58.2	0.7021	0.9273	0.9823	0.9618	0.9867	0.9521	0.9876	0.9436
58.3	0.7355	0.9246	0.9867	0.9640	0.9887	0.9655	0.9890	0.9404
58.4	0.6930	0.9182	0.9847	0.9721	0.9860	0.9632	0.9861	0.9137
58.5	0.7041	0.9164	0.9760	0.9674	0.9796	0.9572	0.9834	0.8881
58.6	0.6766	0.9249	0.9771	0.9627	0.9834	0.9554	0.9876	0.8811
58.7	0.7071	0.9421	0.9716	0.9591	0.9787	0.9564	0.9863	0.8814
58.8	0.6860	0.9326	0.9776	0.9696	0.9843	0.9572	0.9900	0.8504
58.9	0.6497	0.9289	0.9796	0.9712	0.9866	0.9653	0.9930	0.8556
59.0	0.6953	0.9326	0.9808	0.9487	0.9834	0.9629	0.9888	0.8115
59.1	0.6896	0.9288	0.9712	0.9253	0.9731	0.9540	0.9827	0.8333
59.2	0.7038	0.9297	0.9718	0.9386	0.9755	0.9578	0.9843	0.8694
59.3	0.7973	0.9384	0.9694	0.9474	0.9746	0.9656	0.9845	0.8756
59.4	0.8227	0.9533	0.9765	0.9398	0.9804	0.9754	0.9863	0.9226
59.5	0.7864	0.9380	0.9757	0.9083	0.9796	0.9761	0.9847	0.9365

59.6	0.8036	0.9542	0.9806	0.9231	0.9839	0.9812	0.9899	0.9541
59.7	0.7165	0.9482	0.9739	0.8607	0.9786	0.9671	0.9853	0.9324
59.8	0.7221	0.9358	0.9780	0.7388	0.9786	0.9765	0.9834	0.9409
59.9	0.7724	0.8688	0.9751	0.1263	0.9752	0.9804	0.9863	0.9491
60.0	0.7377	0.6070	0.9699	0.0290	0.9666	0.9738	0.9866	0.9705
60.1	0.7469	0.7030	0.9723	0.0230	0.9680	0.9757	0.9849	0.9709
60.2	0.7499	0.8280	0.9770	0.4787	0.9708	0.9810	0.9846	0.9710
60.3	0.8026	0.8426	0.9846	0.4681	0.9805	0.9837	0.9886	0.9703
60.4	0.8217	0.8022	0.9808	0.4670	0.9763	0.9829	0.9875	0.9756
60.5	0.7901	0.7536	0.9771	0.4756	0.9720	0.9818	0.9857	0.9800
60.6	0.8584	0.8019	0.9781	0.5840	0.9703	0.9811	0.9876	0.9799
60.7	0.8834	0.7813	0.9776	0.6187	0.9710	0.9849	0.9893	0.9815
60.8	0.8039	0.7523	0.9771	0.6633	0.9682	0.9837	0.9900	0.9791
60.9	0.8554	0.7550	0.9760	0.7952	0.9676	0.9799	0.9898	0.9782
61.0	0.8430	0.7879	0.9680	0.8025	0.9557	0.9769	0.9875	0.9772
61.1	0.8789	0.8121	0.9684	0.8452	0.9557	0.9808	0.9875	0.9773
61.2	0.9265	0.8802	0.9775	0.9103	0.9631	0.9869	0.9929	0.9808
61.3	0.9159	0.8726	0.9791	0.9057	0.9625	0.9880	0.9920	0.9816
61.4	0.9138	0.8879	0.9728	0.9125	0.9591	0.9864	0.9882	0.9802
61.5	0.9129	0.9126	0.9673	0.9318	0.9509	0.9859	0.9897	0.9798
61.6	0.9387	0.9200	0.9715	0.9462	0.9505	0.9812	0.9897	0.9789
61.7	0.9445	0.9415	0.9702	0.9572	0.9466	0.9833	0.9916	0.9786
61.8	0.9417	0.9332	0.9696	0.9587	0.9433	0.9864	0.9912	0.9779
61.9	0.9381	0.9337	0.9692	0.9497	0.9427	0.9845	0.9873	0.9772
62.0	0.9302	0.9474	0.9605	0.9457	0.9300	0.9804	0.9873	0.9734
62.1	0.9414	0.9607	0.9656	0.9534	0.9369	0.9815	0.9897	0.9743
62.2	0.9283	0.9502	0.9604	0.9592	0.9304	0.9796	0.9910	0.9689
62.3	0.9167	0.9429	0.9577	0.9615	0.9217	0.9825	0.9916	0.9641
62.4	0.9188	0.9466	0.9487	0.9451	0.8913	0.9758	0.9898	0.9537
62.5	0.9431	0.9723	0.9590	0.9559	0.9180	0.9798	0.9919	0.9691
62.6	0.9453	0.9669	0.9709	0.9650	0.9336	0.9844	0.9903	0.9718
62.7	0.9533	0.9741	0.9693	0.9706	0.9271	0.9822	0.9903	0.9737
62.8	0.9523	0.9800	0.9659	0.9713	0.9340	0.9832	0.9915	0.9748
62.9	0.9438	0.9740	0.9547	0.9657	0.8902	0.9804	0.9908	0.9681
63.0	0.9576	0.9826	0.9688	0.9777	0.9205	0.9864	0.9934	0.9733
63.1	0.9543	0.9842	0.9721	0.9794	0.9192	0.9869	0.9942	0.9749
63.2	0.9624	0.9876	0.9683	0.9804	0.9098	0.9870	0.9952	0.9735
63.3	0.9613	0.9830	0.9591	0.9801	0.8914	0.9846	0.9951	0.9720
63.4	0.9719	0.9851	0.9651	0.9837	0.9066	0.9883	0.9954	0.9721
63.5	0.9795	0.9877	0.9689	0.9876	0.9167	0.9873	0.9950	0.9770
63.6	0.9783	0.9875	0.9676	0.9883	0.9082	0.9879	0.9952	0.9772
63.7	0.9759	0.9850	0.9547	0.9857	0.9083	0.9836	0.9938	0.9721
63.8	0.9816	0.9819	0.9471	0.9878	0.9282	0.9843	0.9937	0.9695
63.9	0.9738	0.9769	0.9369	0.9830	0.9143	0.9796	0.9921	0.9683
64.0	0.9849	0.9839	0.9469	0.9888	0.9498	0.9824	0.9938	0.9717
64.1	0.9873	0.9829	0.9535	0.9906	0.9590	0.9836	0.9947	0.9765
64.2	0.9866	0.9861	0.9654	0.9907	0.9698	0.9870	0.9961	0.9827
64.3	0.9862	0.9813	0.9612	0.9889	0.9678	0.9818	0.9945	0.9821
64.4	0.9892	0.9820	0.9565	0.9908	0.9763	0.9831	0.9943	0.9830
64.5	0.9873	0.9802	0.9526	0.9899	0.9791	0.9829	0.9940	0.9851
64.6	0.9885	0.9776	0.9444	0.9911	0.9824	0.9829	0.9937	0.9850
64.7	0.9894	0.9852	0.9441	0.9909	0.9797	0.9846	0.9949	0.9884
64.8	0.9918	0.9867	0.9572	0.9926	0.9837	0.9861	0.9961	0.9899
64.9	0.9908	0.9859	0.9440	0.9917	0.9843	0.9830	0.9959	0.9891
65.0	0.9900	0.9787	0.9277	0.9901	0.9842	0.9821	0.9953	0.9870
65.1	0.9893	0.9749	0.9382	0.9885	0.9831	0.9815	0.9942	0.9879
65.2	0.9878	0.9666	0.9254	0.9867	0.9751	0.9755	0.9929	0.9819
65.3	0.9878	0.9661	0.9192	0.9872	0.9782	0.9764	0.9932	0.9803
65.4	0.9928	0.9705	0.9364	0.9918	0.9870	0.9854	0.9942	0.9851
65.5	0.9926	0.9656	0.9114	0.9919	0.9867	0.9810	0.9930	0.9820
65.6	0.9932	0.9625	0.9023	0.9929	0.9891	0.9814	0.9945	0.9835
65.7	0.9927	0.9701	0.9247	0.9914	0.9895	0.9815	0.9953	0.9862
65.8	0.9929	0.9753	0.9261	0.9922	0.9853	0.9812	0.9951	0.9878
65.9	0.9923	0.9713	0.9211	0.9924	0.9868	0.9847	0.9949	0.9875
66.0	0.9933	0.9669	0.9095	0.9933	0.9897	0.9872	0.9957	0.9867
66.1	0.9904	0.9631	0.8895	0.9908	0.9853	0.9789	0.9934	0.9856
66.2	0.9900	0.9591	0.8754	0.9904	0.9845	0.9758	0.9921	0.9858
66.3	0.9901	0.9418	0.8093	0.9913	0.9873	0.9760	0.9921	0.9854
66.4	0.9932	0.9568	0.8678	0.9921	0.9909	0.9786	0.9929	0.9861
66.5	0.9886	0.9398	0.8040	0.9856	0.9867	0.9744	0.9911	0.9868
66.6	0.9895	0.9513	0.7591	0.9884	0.9863	0.9735	0.9934	0.9890
66.7	0.9929	0.9507	0.7750	0.9918	0.9878	0.9752	0.9942	0.9880
66.8	0.9898	0.9338	0.7790	0.9874	0.9857	0.9744	0.9916	0.9864
66.9	0.9901	0.9386	0.7619	0.9885	0.9870	0.9720	0.9913	0.9872
67.0	0.9929	0.9581	0.7628	0.9920	0.9885	0.9783	0.9934	0.9876
67.1	0.9899	0.9723	0.7875	0.9888	0.9846	0.9771	0.9929	0.9867
67.2	0.9853	0.9510	0.6606	0.9852	0.9787	0.9668	0.9916	0.9828
67.3	0.9870	0.9324	0.6244	0.9858	0.9839	0.9723	0.9922	0.9860
67.4	0.9888	0.9475	0.6336	0.9873	0.9843	0.9729	0.9900	0.9848
67.5	0.9903	0.9608	0.6539	0.9903	0.9875	0.9733	0.9923	0.9842
67.6	0.9878	0.9517	0.5710	0.9874	0.9864	0.9715	0.9916	0.9831
67.7	0.9907	0.9572	0.5677	0.9893	0.9869	0.9708	0.9903	0.9822
67.8	0.9884	0.9625	0.5050	0.9874	0.9828	0.9568	0.9889	0.9740
67.9	0.9827	0.9606	0.4473	0.9811	0.9743	0.9364	0.9844	0.9591
68.0	0.9846	0.9652	0.4973	0.9839	0.9798	0.9559	0.9887	0.9731
68.1	0.9873	0.9613	0.4953	0.9858	0.9814	0.9572	0.9890	0.9774

68.2	0.9813	0.9446	0.4326	0.9811	0.9735	0.9388	0.9838	0.9678
68.3	0.9792	0.9435	0.3443	0.9797	0.9727	0.9219	0.9851	0.9613
68.4	0.9877	0.9624	0.5294	0.9880	0.9821	0.9410	0.9896	0.9673
68.5	0.9876	0.9625	0.4841	0.9868	0.9808	0.9452	0.9886	0.9650
68.6	0.9781	0.9477	0.3368	0.9767	0.9576	0.9046	0.9765	0.9430
68.7	0.9825	0.9575	0.5425	0.9821	0.9728	0.9332	0.9831	0.9603
68.8	0.9835	0.9638	0.6766	0.9840	0.9740	0.9212	0.9838	0.9530
68.9	0.9812	0.9649	0.6462	0.9816	0.9710	0.9098	0.9826	0.9376
69.0	0.9807	0.9518	0.5780	0.9799	0.9723	0.9060	0.9810	0.9337
69.1	0.9816	0.9530	0.5888	0.9785	0.9716	0.9025	0.9820	0.9309
69.2	0.9830	0.9595	0.5941	0.9817	0.9708	0.8954	0.9844	0.9227
69.3	0.9814	0.9609	0.6127	0.9809	0.9676	0.8874	0.9821	0.9139
69.4	0.9848	0.9623	0.6387	0.9832	0.9749	0.9047	0.9837	0.9159
69.5	0.9821	0.9604	0.6906	0.9807	0.9683	0.8884	0.9788	0.8787
69.6	0.9811	0.9636	0.7639	0.9791	0.9701	0.8811	0.9792	0.8503
69.7	0.9783	0.9586	0.7531	0.9753	0.9659	0.8671	0.9763	0.8021
69.8	0.9736	0.9517	0.6938	0.9693	0.9555	0.8154	0.9711	0.6910
69.9	0.9780	0.9589	0.7321	0.9715	0.9551	0.8356	0.9698	0.6388
70.0	0.9819	0.9640	0.7456	0.9762	0.9617	0.8575	0.9728	0.6481
70.1	0.9828	0.9594	0.7593	0.9791	0.9619	0.8598	0.9736	0.6800
70.2	0.9804	0.9545	0.7467	0.9752	0.9571	0.8281	0.9729	0.6363
70.3	0.9800	0.9509	0.7183	0.9741	0.9557	0.8033	0.9716	0.6188
70.4	0.9806	0.9659	0.7749	0.9780	0.9623	0.8389	0.9763	0.6417
70.5	0.9831	0.9615	0.8399	0.9823	0.9626	0.8720	0.9751	0.6738
70.6	0.9783	0.9522	0.8080	0.9795	0.9582	0.8496	0.9731	0.5673
70.7	0.9704	0.9486	0.7950	0.9725	0.9435	0.8143	0.9630	0.4692
70.8	0.9683	0.9537	0.8445	0.9710	0.9485	0.8619	0.9624	0.4910
70.9	0.9779	0.9528	0.8570	0.9768	0.9556	0.8585	0.9686	0.5857
71.0	0.9822	0.9625	0.8660	0.9824	0.9682	0.8607	0.9795	0.5387
71.1	0.9775	0.9523	0.8707	0.9777	0.9572	0.8692	0.9716	0.5335
71.2	0.9708	0.9417	0.8924	0.9695	0.9429	0.8737	0.9585	0.5816
71.3	0.9739	0.9572	0.9013	0.9725	0.9644	0.9021	0.9714	0.5097
71.4	0.9818	0.9630	0.9113	0.9821	0.9714	0.9198	0.9799	0.5470
71.5	0.9789	0.9590	0.9184	0.9787	0.9636	0.9118	0.9758	0.6243
71.6	0.9740	0.9490	0.9125	0.9755	0.9653	0.9237	0.9726	0.5639
71.7	0.9752	0.9548	0.9145	0.9767	0.9635	0.9209	0.9719	0.6202
71.8	0.9653	0.9416	0.8751	0.9688	0.9451	0.8760	0.9637	0.6693
71.9	0.9700	0.9386	0.8954	0.9704	0.9457	0.8961	0.9658	0.7069
72.0	0.9717	0.9541	0.9233	0.9731	0.9545	0.9144	0.9713	0.7269
72.1	0.9670	0.9487	0.9301	0.9704	0.9601	0.9253	0.9691	0.7983
72.2	0.9689	0.9392	0.9230	0.9740	0.9654	0.9308	0.9724	0.8167
72.3	0.9741	0.9311	0.9152	0.9751	0.9530	0.9248	0.9694	0.8650
72.4	0.9686	0.9202	0.9130	0.9668	0.9190	0.9110	0.9544	0.8789
72.5	0.9621	0.9149	0.9285	0.9661	0.9314	0.9195	0.9565	0.8899
72.6	0.9713	0.9327	0.9438	0.9764	0.9522	0.9390	0.9721	0.9104
72.7	0.9750	0.9307	0.9467	0.9772	0.9398	0.9424	0.9700	0.9377
72.8	0.9730	0.9209	0.9520	0.9755	0.9421	0.9435	0.9656	0.9327
72.9	0.9741	0.9281	0.9539	0.9740	0.9395	0.9399	0.9655	0.9361
73.0	0.9698	0.9273	0.9441	0.9704	0.9359	0.9261	0.9677	0.9345
73.1	0.9600	0.9081	0.9427	0.9636	0.9249	0.9200	0.9574	0.9321
73.2	0.9681	0.9085	0.9609	0.9691	0.9284	0.9477	0.9603	0.9502
73.3	0.9774	0.9283	0.9711	0.9781	0.9155	0.9560	0.9623	0.9593
73.4	0.9742	0.9106	0.9700	0.9721	0.8751	0.9496	0.9448	0.9547
73.5	0.9754	0.9125	0.9737	0.9725	0.8958	0.9627	0.9507	0.9649
73.6	0.9769	0.9260	0.9736	0.9748	0.9012	0.9679	0.9582	0.9724
73.7	0.9643	0.9035	0.9587	0.9665	0.8688	0.9365	0.9478	0.9434
73.8	0.9602	0.8862	0.9554	0.9592	0.8699	0.9338	0.9466	0.9373
73.9	0.9744	0.8831	0.9631	0.9702	0.8415	0.9554	0.9388	0.9599
74.0	0.9621	0.8621	0.9547	0.9624	0.7871	0.9426	0.9197	0.9530
74.1	0.9641	0.9034	0.9593	0.9663	0.8260	0.9435	0.9329	0.9545
74.2	0.9698	0.9017	0.9664	0.9702	0.8329	0.9520	0.9392	0.9608
74.3	0.9707	0.8957	0.9631	0.9652	0.8229	0.9580	0.9337	0.9634
74.4	0.9687	0.8945	0.9672	0.9648	0.8405	0.9610	0.9373	0.9679
74.5	0.9765	0.9055	0.9744	0.9715	0.8312	0.9642	0.9385	0.9713
74.6	0.9726	0.8762	0.9660	0.9688	0.8177	0.9584	0.9292	0.9630
74.7	0.9678	0.8872	0.9614	0.9603	0.8650	0.9496	0.9471	0.9637
74.8	0.9601	0.8198	0.9503	0.9486	0.7857	0.9444	0.9151	0.9552
74.9	0.9708	0.8372	0.9616	0.9596	0.7912	0.9570	0.9184	0.9586
75.0	0.9558	0.7493	0.9458	0.9466	0.7172	0.9459	0.8690	0.9495
75.1	0.9504	0.7196	0.9432	0.9368	0.7024	0.9433	0.8521	0.9441
75.2	0.9641	0.8211	0.9576	0.9506	0.8227	0.9536	0.9085	0.9601
75.3	0.9643	0.8016	0.9517	0.9540	0.8471	0.9533	0.9227	0.9584
75.4	0.9588	0.7266	0.9435	0.9405	0.7935	0.9446	0.8984	0.9473
75.5	0.9663	0.8105	0.9602	0.9486	0.8634	0.9588	0.9348	0.9664
75.6	0.9742	0.8314	0.9704	0.9638	0.8828	0.9687	0.9448	0.9731
75.7	0.9687	0.7947	0.9701	0.9594	0.8761	0.9663	0.9332	0.9710
75.8	0.9492	0.7041	0.9459	0.9308	0.8141	0.9439	0.8883	0.9471
75.9	0.9470	0.7409	0.9491	0.9270	0.8277	0.9443	0.8960	0.9503
76.0	0.9576	0.7080	0.9542	0.9485	0.8432	0.9488	0.9104	0.9550
76.1	0.9454	0.6277	0.9434	0.9303	0.8160	0.9454	0.8894	0.9484
76.2	0.9350	0.5824	0.9448	0.9199	0.7981	0.9439	0.8824	0.9511
76.3	0.9373	0.5558	0.9385	0.9104	0.8088	0.9336	0.8833	0.9463
76.4	0.9626	0.5646	0.9573	0.9569	0.8525	0.9535	0.9262	0.9595
76.5	0.9727	0.6365	0.9719	0.9624	0.8492	0.9735	0.9271	0.9705
76.6	0.9687	0.5439	0.9602	0.9450	0.8429	0.9612	0.9177	0.9565
76.7	0.9520	0.3272	0.9466	0.9250	0.8183	0.9530	0.8979	0.9479

76.8	0.9564	0.2828	0.9548	0.9340	0.7586	0.9599	0.8684	0.9517
76.9	0.9435	0.1108	0.9404	0.9038	0.7407	0.9465	0.8629	0.9425
77.0	0.9528	0.1976	0.9414	0.9245	0.7954	0.9487	0.8833	0.9516
77.1	0.9430	0.1075	0.9129	0.9036	0.7077	0.9239	0.8315	0.9310
77.2	0.9476	0.0413	0.9254	0.8996	0.7021	0.9361	0.8474	0.9381
77.3	0.9377	0.0355	0.9249	0.8900	0.6378	0.9424	0.8208	0.9419
77.4	0.9308	0.0211	0.9298	0.8759	0.6742	0.9449	0.8366	0.9332
77.5	0.9432	0.0171	0.9461	0.9002	0.7091	0.9548	0.8742	0.9369
77.6	0.9451	0.1672	0.9449	0.9201	0.6560	0.9488	0.8610	0.9338
77.7	0.9217	0.2384	0.9252	0.8832	0.5578	0.9344	0.7961	0.9084
77.8	0.9195	0.2390	0.9200	0.8647	0.4643	0.9166	0.7509	0.8748
77.9	0.9430	0.2197	0.9431	0.9000	0.5566	0.9462	0.8270	0.9141
78.0	0.9425	0.3578	0.9521	0.9066	0.5347	0.9593	0.8409	0.9170
78.1	0.9377	0.3691	0.9338	0.8608	0.3720	0.9444	0.7542	0.8833
78.2	0.9221	0.5154	0.9263	0.8219	0.2338	0.9330	0.6835	0.8723
78.3	0.9301	0.6402	0.9392	0.8467	0.3324	0.9337	0.7457	0.8920
78.4	0.9100	0.6061	0.9009	0.8002	0.2535	0.9174	0.6923	0.8516
78.5	0.9121	0.6856	0.9011	0.8361	0.2128	0.9191	0.6560	0.8177
78.6	0.9069	0.6379	0.9155	0.8194	0.3454	0.9233	0.6609	0.7895
78.7	0.9033	0.7577	0.9295	0.8112	0.4784	0.9358	0.6713	0.8385
78.8	0.8894	0.6914	0.9174	0.7984	0.5518	0.9373	0.6807	0.8479
78.9	0.8787	0.6283	0.9187	0.8353	0.5809	0.9287	0.7086	0.8627
79.0	0.9062	0.6862	0.9249	0.8405	0.5709	0.9313	0.7232	0.8610
79.1	0.9124	0.6788	0.9244	0.8581	0.7043	0.9331	0.7742	0.8401
79.2	0.9006	0.6640	0.9168	0.8278	0.7180	0.9124	0.7670	0.8175
79.3	0.9089	0.7969	0.9095	0.8000	0.6186	0.9216	0.7102	0.8176
79.4	0.9238	0.8248	0.9190	0.8031	0.5707	0.9319	0.6837	0.7956
79.5	0.8830	0.7585	0.8855	0.6863	0.4920	0.9045	0.5832	0.6976
79.6	0.9085	0.8537	0.9165	0.7422	0.6421	0.9290	0.6665	0.7810
79.7	0.8950	0.8385	0.9176	0.7157	0.6419	0.9297	0.6415	0.7452
79.8	0.8982	0.8127	0.9039	0.6525	0.7098	0.9298	0.5772	0.6584
79.9	0.9087	0.8252	0.9229	0.7038	0.6815	0.9318	0.6058	0.7713
80.0	0.9370	0.8823	0.9438	0.7754	0.8013	0.9506	0.7414	0.8200

2.2.68 Run 6 – VT000-200 – Accels 9–16

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0164	0.2568	0.4438	0.6082	0.3674	0.2707	0.3920	0.5888
0.1	0.0476	0.0282	0.0178	0.0435	0.0067	0.0271	0.0378	0.0321
0.2	0.0318	0.0796	0.0127	0.0300	0.0220	0.0180	0.0044	0.0116
0.3	0.0032	0.0475	0.0059	0.0537	0.0130	0.0041	0.0394	0.0128
0.4	0.0223	0.0108	0.0100	0.0385	0.0263	0.0243	0.0123	0.0163
0.5	0.0252	0.0188	0.0176	0.0046	0.0617	0.0698	0.0185	0.0057
0.6	0.0036	0.1036	0.0103	0.0031	0.0445	0.0286	0.0129	0.0383
0.7	0.0003	0.2358	0.0026	0.0054	0.0838	0.0215	0.0155	0.0446
0.8	0.0300	0.3142	0.0029	0.0477	0.0266	0.0032	0.0006	0.0916
0.9	0.0785	0.6567	0.0413	0.0307	0.0298	0.0031	0.0060	0.1385
1.0	0.0951	0.7836	0.0059	0.0182	0.1086	0.0221	0.0119	0.1429
1.1	0.1170	0.8742	0.0736	0.0522	0.1210	0.1547	0.0040	0.2375
1.2	0.1063	0.8786	0.0828	0.0234	0.1091	0.1567	0.0016	0.1659
1.3	0.2105	0.9227	0.1720	0.0024	0.2212	0.0514	0.0149	0.3269
1.4	0.4163	0.9544	0.1897	0.1030	0.2317	0.0869	0.0220	0.3385
1.5	0.4605	0.9552	0.2412	0.2126	0.3502	0.2120	0.0683	0.4737
1.6	0.3053	0.9637	0.5052	0.4451	0.4213	0.3326	0.0690	0.5729
1.7	0.3490	0.9625	0.7834	0.7203	0.3597	0.3312	0.0334	0.5307
1.8	0.5071	0.9678	0.8160	0.8643	0.3415	0.5932	0.0260	0.4624
1.9	0.6124	0.9467	0.7389	0.8046	0.3241	0.5799	0.0014	0.3278
2.0	0.6476	0.9725	0.8694	0.6907	0.6516	0.7496	0.0672	0.6193
2.1	0.3044	0.8117	0.7716	0.3097	0.7704	0.7320	0.1334	0.7494
2.2	0.2726	0.6981	0.6515	0.2476	0.7612	0.5505	0.0880	0.8265
2.3	0.5733	0.7577	0.3922	0.5281	0.6095	0.3565	0.1462	0.6474
2.4	0.8640	0.4263	0.5513	0.7511	0.8106	0.5251	0.0209	0.8199
2.5	0.8473	0.8340	0.6152	0.9024	0.8963	0.5999	0.0091	0.9107
2.6	0.7901	0.9725	0.6013	0.8720	0.9167	0.5624	0.0417	0.9323
2.7	0.7580	0.9908	0.5961	0.8899	0.9477	0.4838	0.0613	0.9505
2.8	0.7334	0.9921	0.6805	0.9104	0.9470	0.5874	0.0515	0.9648
2.9	0.5994	0.9913	0.6953	0.8342	0.9463	0.5145	0.0817	0.9602
3.0	0.4633	0.9916	0.6841	0.7368	0.9403	0.4085	0.0265	0.9499
3.1	0.3851	0.9884	0.5760	0.7143	0.9331	0.4650	0.0123	0.9411
3.2	0.3101	0.9880	0.5458	0.6280	0.9347	0.5609	0.0534	0.9356
3.3	0.2120	0.9861	0.6414	0.3935	0.9148	0.4303	0.0367	0.9114
3.4	0.2403	0.9853	0.5900	0.4834	0.8931	0.3739	0.0070	0.9046
3.5	0.1173	0.9747	0.2881	0.5057	0.8737	0.2511	0.0090	0.9083
3.6	0.0596	0.9573	0.1499	0.3611	0.8459	0.2020	0.0312	0.8922
3.7	0.1824	0.9816	0.3222	0.4937	0.9179	0.1510	0.0097	0.9293
3.8	0.5848	0.9991	0.8126	0.8195	0.9879	0.7318	0.0149	0.9896
3.9	0.7609	0.9991	0.9294	0.9165	0.9949	0.9018	0.0407	0.9949
4.0	0.8772	0.9992	0.9525	0.9520	0.9960	0.9202	0.0038	0.9963
4.1	0.8577	0.9988	0.9338	0.9717	0.9944	0.9076	0.0277	0.9957
4.2	0.7907	0.9990	0.9188	0.9345	0.9960	0.8601	0.0270	0.9961
4.3	0.7719	0.9992	0.8872	0.9124	0.9940	0.8288	0.0193	0.9942
4.4	0.7777	0.9990	0.8602	0.9285	0.9933	0.7922	0.0345	0.9946
4.5	0.6946	0.9990	0.8663	0.9076	0.9938	0.7714	0.0157	0.9953
4.6	0.5632	0.9983	0.8146	0.7939	0.9919	0.7102	0.0213	0.9925
4.7	0.6251	0.9984	0.7299	0.8020	0.9938	0.6927	0.1005	0.9950
4.8	0.5616	0.9976	0.5253	0.6261	0.9928	0.5669	0.0101	0.9934
4.9	0.5152	0.9980	0.3881	0.3176	0.9898	0.4989	0.0005	0.9920
5.0	0.3422	0.9983	0.4469	0.4142	0.9879	0.4606	0.0026	0.9876
5.1	0.3971	0.9989	0.5533	0.7404	0.9933	0.5049	0.0031	0.9917
5.2	0.3119	0.9986	0.2765	0.7599	0.9893	0.2548	0.0004	0.9890
5.3	0.1889	0.9979	0.6149	0.4655	0.9899	0.4896	0.0083	0.9911
5.4	0.0076	0.9963	0.6347	0.1933	0.9809	0.5783	0.0287	0.9837
5.5	0.0892	0.9901	0.4700	0.2135	0.9630	0.3909	0.0064	0.9670
5.6	0.2398	0.9793	0.4334	0.3944	0.9606	0.4471	0.0068	0.9662
5.7	0.2464	0.9959	0.6764	0.5650	0.9893	0.6505	0.0103	0.9887
5.8	0.5264	0.9985	0.7828	0.6831	0.9945	0.7433	0.0336	0.9943
5.9	0.6455	0.9985	0.8076	0.4715	0.9938	0.8273	0.0203	0.9937
6.0	0.8157	0.9994	0.8744	0.5121	0.9927	0.9113	0.0481	0.9926
6.1	0.8747	0.9997	0.9176	0.6298	0.9887	0.9228	0.1256	0.9884
6.2	0.9063	0.9997	0.9376	0.8600	0.9935	0.9357	0.1001	0.9935
6.3	0.9178	0.9997	0.9356	0.9615	0.9928	0.9449	0.0612	0.9927
6.4	0.9392	0.9995	0.8686	0.9640	0.9877	0.8864	0.0077	0.9877
6.5	0.9512	0.9997	0.8394	0.9760	0.9899	0.8622	0.0271	0.9898
6.6	0.9253	0.9995	0.7229	0.9733	0.9873	0.8045	0.0239	0.9872
6.7	0.9250	0.9988	0.6757	0.9824	0.9827	0.7593	0.0100	0.9826
6.8	0.9069	0.9940	0.7155	0.9854	0.9636	0.6351	0.0086	0.9640
6.9	0.8875	0.9657	0.7227	0.9698	0.9309	0.6435	0.0031	0.9311
7.0	0.8616	0.8731	0.6815	0.9116	0.8728	0.5978	0.0182	0.8731
7.1	0.8488	0.8746	0.7378	0.8336	0.8483	0.6830	0.0429	0.8483
7.2	0.9409	0.9662	0.9076	0.8654	0.9344	0.8813	0.0825	0.9345
7.3	0.9676	0.9793	0.9407	0.7425	0.9481	0.9236	0.0141	0.9482
7.4	0.9641	0.9886	0.9685	0.7643	0.9585	0.9645	0.0934	0.9586
7.5	0.9465	0.9909	0.9616	0.6292	0.9423	0.9535	0.1644	0.9426
7.6	0.9812	0.9989	0.9810	0.6295	0.9842	0.9730	0.1528	0.9844
7.7	0.9922	0.9997	0.9818	0.5544	0.9934	0.9732	0.0778	0.9934
7.8	0.9947	0.9997	0.9788	0.3068	0.9973	0.9643	0.0010	0.9974
7.9	0.9896	0.9991	0.9799	0.5051	0.9988	0.9689	0.0372	0.9988

8.0	0.9817	0.9990	0.9755	0.5078	0.9956	0.9678	0.0779	0.9956
8.1	0.9910	0.9993	0.9812	0.4693	0.9982	0.9738	0.0115	0.9981
8.2	0.9920	0.9991	0.9845	0.6752	0.9985	0.9787	0.0280	0.9984
8.3	0.9913	0.9993	0.9879	0.7942	0.9987	0.9834	0.1766	0.9987
8.4	0.9897	0.9990	0.9891	0.8369	0.9983	0.9855	0.0414	0.9983
8.5	0.9904	0.9990	0.9885	0.7867	0.9979	0.9853	0.1261	0.9979
8.6	0.9894	0.9982	0.9888	0.6264	0.9968	0.9867	0.0189	0.9968
8.7	0.9861	0.9970	0.9854	0.3486	0.9934	0.9825	0.0096	0.9935
8.8	0.9856	0.9962	0.9851	0.6744	0.9894	0.9822	0.0332	0.9895
8.9	0.9753	0.9952	0.9856	0.8528	0.9857	0.9826	0.0196	0.9859
9.0	0.9693	0.9942	0.9804	0.9196	0.9786	0.9774	0.0659	0.9789
9.1	0.9790	0.9923	0.9849	0.8991	0.9817	0.9829	0.0238	0.9819
9.2	0.9470	0.9776	0.9637	0.8983	0.9529	0.9639	0.0097	0.9530
9.3	0.9131	0.9579	0.9391	0.9040	0.9256	0.9351	0.0011	0.9256
9.4	0.9296	0.9519	0.9452	0.9468	0.9432	0.9402	0.0126	0.9431
9.5	0.9592	0.9661	0.9617	0.9740	0.9707	0.9585	0.0318	0.9706
9.6	0.9583	0.9611	0.9515	0.9850	0.9755	0.9459	0.0392	0.9753
9.7	0.9624	0.9616	0.9468	0.9900	0.9827	0.9364	0.0664	0.9826
9.8	0.9589	0.9738	0.9460	0.9904	0.9868	0.9248	0.0377	0.9866
9.9	0.9581	0.9866	0.9611	0.9793	0.9919	0.9501	0.0246	0.9915
10.0	0.9508	0.9922	0.9688	0.9389	0.9945	0.9668	0.0105	0.9943
10.1	0.9436	0.9918	0.9712	0.9728	0.9942	0.9688	0.0260	0.9939
10.2	0.9188	0.9969	0.9846	0.9929	0.9975	0.9821	0.0790	0.9973
10.3	0.8858	0.9971	0.9887	0.9913	0.9983	0.9867	0.0026	0.9981
10.4	0.9030	0.9990	0.9920	0.9943	0.9995	0.9916	0.0051	0.9995
10.5	0.8488	0.9980	0.9905	0.9917	0.9983	0.9894	0.0420	0.9984
10.6	0.8352	0.9986	0.9924	0.9934	0.9990	0.9916	0.0117	0.9990
10.7	0.8530	0.9981	0.9909	0.9931	0.9990	0.9906	0.0451	0.9989
10.8	0.8015	0.9973	0.9929	0.9869	0.9990	0.9917	0.1094	0.9988
10.9	0.8350	0.9982	0.9949	0.9924	0.9995	0.9947	0.0247	0.9994
11.0	0.8822	0.9982	0.9956	0.9954	0.9996	0.9953	0.0623	0.9995
11.1	0.9319	0.9989	0.9977	0.9952	0.9997	0.9972	0.2392	0.9996
11.2	0.9144	0.9982	0.9965	0.9935	0.9997	0.9951	0.1739	0.9996
11.3	0.9076	0.9987	0.9974	0.9935	0.9997	0.9975	0.1459	0.9997
11.4	0.9146	0.9984	0.9974	0.9920	0.9996	0.9976	0.1880	0.9997
11.5	0.9512	0.9988	0.9978	0.9948	0.9997	0.9981	0.0888	0.9997
11.6	0.9479	0.9980	0.9961	0.9929	0.9995	0.9971	0.1199	0.9995
11.7	0.9556	0.9983	0.9973	0.9907	0.9995	0.9976	0.2751	0.9996
11.8	0.9638	0.9983	0.9977	0.9929	0.9995	0.9977	0.4509	0.9996
11.9	0.9651	0.9982	0.9981	0.9929	0.9994	0.9981	0.2169	0.9996
12.0	0.9720	0.9981	0.9975	0.9918	0.9993	0.9977	0.1187	0.9996
12.1	0.9761	0.9980	0.9975	0.9932	0.9989	0.9978	0.1608	0.9993
12.2	0.9823	0.9974	0.9968	0.9908	0.9986	0.9977	0.2482	0.9990
12.3	0.9829	0.9978	0.9974	0.9898	0.9990	0.9981	0.0648	0.9993
12.4	0.9785	0.9972	0.9974	0.9884	0.9986	0.9981	0.1407	0.9991
12.5	0.9763	0.9966	0.9974	0.9838	0.9983	0.9981	0.5474	0.9988
12.6	0.9750	0.9959	0.9970	0.9826	0.9977	0.9971	0.5342	0.9987
12.7	0.9792	0.9956	0.9966	0.9793	0.9978	0.9966	0.5464	0.9985
12.8	0.9802	0.9952	0.9967	0.9810	0.9980	0.9957	0.8508	0.9983
12.9	0.9743	0.9949	0.9965	0.9795	0.9974	0.9937	0.8333	0.9977
13.0	0.9790	0.9959	0.9969	0.9889	0.9978	0.9946	0.8791	0.9979
13.1	0.9741	0.9952	0.9965	0.9914	0.9972	0.9937	0.9304	0.9976
13.2	0.9680	0.9921	0.9947	0.9909	0.9960	0.9923	0.8377	0.9970
13.3	0.9615	0.9906	0.9939	0.9879	0.9955	0.9923	0.8157	0.9970
13.4	0.9467	0.9881	0.9925	0.9776	0.9939	0.9910	0.8670	0.9960
13.5	0.9321	0.9834	0.9884	0.9676	0.9927	0.9863	0.9149	0.9931
13.6	0.9042	0.9780	0.9836	0.9460	0.9935	0.9843	0.7557	0.9888
13.7	0.9200	0.9847	0.9857	0.9486	0.9965	0.9881	0.7819	0.9887
13.8	0.9451	0.9933	0.9853	0.9643	0.9942	0.9888	0.8748	0.9874
13.9	0.9476	0.9897	0.9739	0.9683	0.9831	0.9783	0.8106	0.9781
14.0	0.9640	0.9808	0.9721	0.9757	0.9783	0.9746	0.7197	0.9769
14.1	0.9467	0.9483	0.9371	0.9627	0.9503	0.9406	0.8069	0.9473
14.2	0.9170	0.9354	0.9239	0.9312	0.9309	0.9254	0.8341	0.9289
14.3	0.9231	0.9491	0.9402	0.9332	0.9433	0.9410	0.6728	0.9416
14.4	0.8666	0.9384	0.9253	0.8776	0.9300	0.9258	0.7012	0.9262
14.5	0.9257	0.9713	0.9650	0.9307	0.9660	0.9651	0.8136	0.9644
14.6	0.9352	0.9796	0.9749	0.9244	0.9747	0.9747	0.6602	0.9742
14.7	0.9664	0.9908	0.9887	0.9430	0.9870	0.9884	0.7556	0.9876
14.8	0.9663	0.9921	0.9899	0.9224	0.9881	0.9896	0.6095	0.9885
14.9	0.9730	0.9945	0.9925	0.9354	0.9906	0.9923	0.3327	0.9912
15.0	0.9796	0.9963	0.9948	0.9440	0.9933	0.9947	0.3414	0.9940
15.1	0.9758	0.9969	0.9962	0.9356	0.9939	0.9960	0.4974	0.9948
15.2	0.9608	0.9963	0.9952	0.9095	0.9926	0.9951	0.3090	0.9940
15.3	0.9592	0.9974	0.9967	0.9229	0.9927	0.9965	0.2022	0.9947
15.4	0.9480	0.9976	0.9970	0.9164	0.9924	0.9967	0.2669	0.9945
15.5	0.9492	0.9983	0.9977	0.9128	0.9935	0.9977	0.1185	0.9958
15.6	0.9497	0.9982	0.9975	0.9168	0.9933	0.9976	0.0552	0.9962
15.7	0.9638	0.9987	0.9980	0.9079	0.9933	0.9981	0.0597	0.9965
15.8	0.9598	0.9987	0.9979	0.8849	0.9889	0.9979	0.1041	0.9937
15.9	0.9626	0.9989	0.9981	0.9023	0.9905	0.9982	0.0513	0.9948
16.0	0.9651	0.9991	0.9982	0.8890	0.9914	0.9985	0.0313	0.9955
16.1	0.9665	0.9991	0.9984	0.8975	0.9924	0.9984	0.1111	0.9962
16.2	0.9631	0.9994	0.9990	0.8802	0.9927	0.9989	0.0831	0.9963
16.3	0.9584	0.9995	0.9993	0.8376	0.9934	0.9994	0.0242	0.9965
16.4	0.9570	0.9994	0.9992	0.7613	0.9922	0.9993	0.0695	0.9958
16.5	0.9543	0.9996	0.9992	0.7557	0.9925	0.9993	0.0159	0.9958

16.6	0.9466	0.9996	0.9990	0.6672	0.9915	0.9989	0.0149	0.9950
16.7	0.9257	0.9995	0.9987	0.5650	0.9917	0.9989	0.0229	0.9955
16.8	0.9310	0.9994	0.9987	0.5461	0.9914	0.9991	0.0110	0.9954
16.9	0.9360	0.9995	0.9988	0.7042	0.9928	0.9990	0.0405	0.9958
17.0	0.9117	0.9996	0.9985	0.7992	0.9925	0.9986	0.0290	0.9949
17.1	0.8515	0.9997	0.9986	0.8112	0.9935	0.9987	0.0349	0.9958
17.2	0.7578	0.9995	0.9987	0.8364	0.9955	0.9988	0.0742	0.9972
17.3	0.7685	0.9996	0.9988	0.8931	0.9964	0.9990	0.0259	0.9979
17.4	0.7868	0.9998	0.9992	0.9174	0.9955	0.9994	0.1056	0.9975
17.5	0.8323	0.9997	0.9989	0.9389	0.9955	0.9992	0.0763	0.9975
17.6	0.8774	0.9998	0.9988	0.9551	0.9961	0.9991	0.0261	0.9977
17.7	0.8871	0.9998	0.9988	0.9627	0.9966	0.9989	0.0670	0.9978
17.8	0.8881	0.9997	0.9987	0.9531	0.9947	0.9987	0.0910	0.9968
17.9	0.8569	0.9997	0.9984	0.9454	0.9936	0.9983	0.1355	0.9960
18.0	0.8248	0.9997	0.9983	0.9322	0.9938	0.9983	0.1198	0.9962
18.1	0.8973	0.9997	0.9988	0.9458	0.9954	0.9987	0.0227	0.9971
18.2	0.9042	0.9997	0.9987	0.9526	0.9950	0.9987	0.0388	0.9969
18.3	0.9131	0.9997	0.9988	0.9475	0.9957	0.9987	0.0073	0.9972
18.4	0.9270	0.9998	0.9989	0.9290	0.9952	0.9987	0.0726	0.9965
18.5	0.9249	0.9999	0.9991	0.9226	0.9957	0.9990	0.0014	0.9967
18.6	0.8437	0.9997	0.9987	0.9114	0.9942	0.9985	0.0029	0.9946
18.7	0.7009	0.9995	0.9984	0.9250	0.9935	0.9983	0.0170	0.9947
18.8	0.7359	0.9995	0.9991	0.9289	0.9958	0.9988	0.0753	0.9970
18.9	0.7647	0.9997	0.9988	0.9428	0.9956	0.9983	0.2323	0.9969
19.0	0.6591	0.9996	0.9985	0.9544	0.9957	0.9981	0.0423	0.9967
19.1	0.6229	0.9997	0.9991	0.9453	0.9966	0.9987	0.0409	0.9975
19.2	0.6425	0.9997	0.9991	0.9609	0.9969	0.9986	0.2048	0.9970
19.3	0.6758	0.9996	0.9988	0.9562	0.9962	0.9978	0.0918	0.9964
19.4	0.7969	0.9997	0.9989	0.9559	0.9967	0.9979	0.1719	0.9967
19.5	0.8505	0.9997	0.9990	0.9621	0.9977	0.9982	0.1834	0.9974
19.6	0.9070	0.9997	0.9986	0.9485	0.9965	0.9982	0.0111	0.9966
19.7	0.8892	0.9996	0.9984	0.9326	0.9946	0.9976	0.1316	0.9953
19.8	0.9037	0.9998	0.9990	0.9526	0.9965	0.9983	0.2083	0.9970
19.9	0.9030	0.9997	0.9985	0.9329	0.9956	0.9968	0.1949	0.9960
20.0	0.9245	0.9998	0.9987	0.9052	0.9977	0.9981	0.2141	0.9978
20.1	0.9211	0.9998	0.9985	0.8708	0.9977	0.9981	0.1648	0.9978
20.2	0.9351	0.9998	0.9989	0.8879	0.9977	0.9983	0.0125	0.9979
20.3	0.8646	0.9997	0.9981	0.7085	0.9953	0.9975	0.0002	0.9957
20.4	0.9017	0.9998	0.9984	0.7499	0.9966	0.9981	0.1816	0.9968
20.5	0.8994	0.9998	0.9986	0.8406	0.9966	0.9986	0.1736	0.9966
20.6	0.9135	0.9998	0.9987	0.7893	0.9977	0.9985	0.1933	0.9980
20.7	0.8992	0.9998	0.9985	0.7238	0.9971	0.9981	0.2074	0.9970
20.8	0.8846	0.9997	0.9984	0.7329	0.9966	0.9981	0.1408	0.9956
20.9	0.8639	0.9997	0.9980	0.7041	0.9963	0.9978	0.1908	0.9945
21.0	0.8650	0.9996	0.9981	0.5950	0.9947	0.9978	0.1806	0.9926
21.1	0.8529	0.9998	0.9982	0.6932	0.9949	0.9980	0.2120	0.9935
21.2	0.9066	0.9998	0.9988	0.6793	0.9957	0.9985	0.2688	0.9943
21.3	0.8937	0.9998	0.9984	0.6305	0.9953	0.9986	0.2148	0.9949
21.4	0.9239	0.9998	0.9989	0.6592	0.9964	0.9989	0.2496	0.9962
21.5	0.9170	0.9998	0.9990	0.5953	0.9957	0.9987	0.3074	0.9951
21.6	0.9086	0.9998	0.9991	0.5819	0.9963	0.9991	0.3431	0.9969
21.7	0.8554	0.9998	0.9988	0.5811	0.9957	0.9987	0.3778	0.9957
21.8	0.8404	0.9998	0.9988	0.6215	0.9957	0.9987	0.4553	0.9949
21.9	0.8643	0.9997	0.9981	0.5274	0.9948	0.9980	0.3415	0.9948
22.0	0.8885	0.9998	0.9987	0.4813	0.9964	0.9988	0.2208	0.9969
22.1	0.8378	0.9998	0.9987	0.5737	0.9959	0.9988	0.1884	0.9967
22.2	0.8904	0.9998	0.9989	0.5795	0.9975	0.9986	0.2382	0.9977
22.3	0.8684	0.9997	0.9989	0.4974	0.9972	0.9986	0.1666	0.9979
22.4	0.8155	0.9997	0.9991	0.4840	0.9976	0.9991	0.0775	0.9985
22.5	0.7290	0.9998	0.9994	0.5189	0.9977	0.9994	0.2691	0.9987
22.6	0.5948	0.9997	0.9994	0.3683	0.9979	0.9991	0.0920	0.9987
22.7	0.5254	0.9997	0.9994	0.4290	0.9984	0.9992	0.1448	0.9991
22.8	0.4259	0.9998	0.9995	0.5763	0.9987	0.9992	0.2065	0.9990
22.9	0.3003	0.9998	0.9996	0.7008	0.9989	0.9993	0.1548	0.9990
23.0	0.3066	0.9998	0.9997	0.7816	0.9989	0.9993	0.1251	0.9990
23.1	0.2298	0.9997	0.9994	0.7627	0.9987	0.9991	0.2328	0.9990
23.2	0.3995	0.9998	0.9995	0.7919	0.9989	0.9991	0.4880	0.9991
23.3	0.5561	0.9998	0.9996	0.7903	0.9990	0.9993	0.3016	0.9992
23.4	0.6977	0.9998	0.9997	0.8244	0.9991	0.9993	0.4406	0.9992
23.5	0.7400	0.9998	0.9994	0.7793	0.9985	0.9992	0.4776	0.9986
23.6	0.8530	0.9998	0.9995	0.8567	0.9987	0.9995	0.2660	0.9991
23.7	0.8595	0.9998	0.9996	0.8632	0.9984	0.9995	0.3986	0.9989
23.8	0.8697	0.9998	0.9992	0.8637	0.9970	0.9990	0.5127	0.9979
23.9	0.8812	0.9998	0.9989	0.8883	0.9961	0.9988	0.1994	0.9975
24.0	0.8919	0.9998	0.9989	0.8680	0.9969	0.9989	0.2660	0.9977
24.1	0.9023	0.9998	0.9986	0.8339	0.9962	0.9984	0.4435	0.9970
24.2	0.9458	0.9998	0.9991	0.8882	0.9970	0.9990	0.3304	0.9979
24.3	0.9472	0.9998	0.9985	0.8503	0.9949	0.9983	0.1452	0.9964
24.4	0.9565	0.9998	0.9983	0.8341	0.9956	0.9980	0.2455	0.9968
24.5	0.9443	0.9997	0.9984	0.7691	0.9957	0.9981	0.4968	0.9964
24.6	0.9541	0.9998	0.9988	0.7711	0.9966	0.9987	0.2059	0.9970
24.7	0.9511	0.9997	0.9990	0.7635	0.9979	0.9990	0.1117	0.9977
24.8	0.9514	0.9998	0.9993	0.7822	0.9986	0.9993	0.4237	0.9983
24.9	0.9479	0.9998	0.9994	0.7979	0.9986	0.9993	0.3412	0.9986
25.0	0.9599	0.9998	0.9995	0.8016	0.9987	0.9994	0.1650	0.9990
25.1	0.9634	0.9998	0.9993	0.7925	0.9984	0.9993	0.4066	0.9988

25.2	0.9764	0.9998	0.9993	0.7829	0.9984	0.9991	0.2118	0.9985
25.3	0.9842	0.9998	0.9992	0.8346	0.9984	0.9991	0.2647	0.9983
25.4	0.9833	0.9999	0.9993	0.7788	0.9987	0.9994	0.4096	0.9986
25.5	0.9814	0.9998	0.9989	0.7661	0.9980	0.9992	0.0865	0.9982
25.6	0.9835	0.9998	0.9989	0.8377	0.9977	0.9990	0.0997	0.9978
25.7	0.9750	0.9997	0.9988	0.8372	0.9973	0.9988	0.1720	0.9972
25.8	0.9867	0.9997	0.9993	0.8685	0.9986	0.9994	0.2708	0.9987
25.9	0.9903	0.9998	0.9994	0.8605	0.9988	0.9995	0.1930	0.9991
26.0	0.9842	0.9997	0.9991	0.8591	0.9986	0.9992	0.1564	0.9987
26.1	0.9853	0.9996	0.9993	0.8771	0.9984	0.9993	0.2745	0.9987
26.2	0.9848	0.9997	0.9996	0.8871	0.9986	0.9995	0.3641	0.9991
26.3	0.9871	0.9998	0.9997	0.9271	0.9987	0.9997	0.2228	0.9991
26.4	0.9888	0.9997	0.9997	0.9245	0.9988	0.9996	0.3168	0.9991
26.5	0.9886	0.9997	0.9997	0.9423	0.9981	0.9997	0.5078	0.9988
26.6	0.9830	0.9997	0.9996	0.9444	0.9985	0.9996	0.2494	0.9988
26.7	0.9839	0.9997	0.9995	0.9601	0.9984	0.9995	0.1843	0.9986
26.8	0.9863	0.9997	0.9993	0.9622	0.9982	0.9994	0.2013	0.9983
26.9	0.9839	0.9995	0.9995	0.9720	0.9987	0.9995	0.1165	0.9989
27.0	0.9690	0.9995	0.9993	0.9722	0.9988	0.9993	0.0799	0.9990
27.1	0.9705	0.9996	0.9995	0.9859	0.9990	0.9994	0.2516	0.9994
27.2	0.9502	0.9996	0.9994	0.9804	0.9985	0.9993	0.0645	0.9993
27.3	0.9059	0.9995	0.9995	0.9785	0.9990	0.9995	0.0780	0.9995
27.4	0.8854	0.9995	0.9995	0.9815	0.9992	0.9995	0.0763	0.9993
27.5	0.9224	0.9996	0.9994	0.9803	0.9988	0.9994	0.1761	0.9993
27.6	0.8896	0.9995	0.9992	0.9701	0.9978	0.9992	0.0754	0.9989
27.7	0.9402	0.9994	0.9995	0.9763	0.9982	0.9995	0.0447	0.9993
27.8	0.9235	0.9992	0.9992	0.9636	0.9977	0.9993	0.1835	0.9986
27.9	0.9491	0.9992	0.9992	0.9778	0.9984	0.9993	0.1724	0.9990
28.0	0.9621	0.9991	0.9991	0.9752	0.9987	0.9990	0.1504	0.9983
28.1	0.9734	0.9992	0.9993	0.9785	0.9987	0.9991	0.1909	0.9987
28.2	0.9708	0.9991	0.9992	0.9743	0.9988	0.9992	0.0652	0.9985
28.3	0.9680	0.9990	0.9992	0.9755	0.9990	0.9992	0.0590	0.9989
28.4	0.9572	0.9990	0.9993	0.9794	0.9989	0.9991	0.2494	0.9991
28.5	0.9653	0.9985	0.9991	0.9636	0.9987	0.9990	0.2640	0.9991
28.6	0.9773	0.9990	0.9993	0.9734	0.9991	0.9993	0.1009	0.9991
28.7	0.9746	0.9983	0.9990	0.9597	0.9989	0.9991	0.0805	0.9989
28.8	0.9721	0.9981	0.9985	0.9499	0.9978	0.9985	0.0785	0.9982
28.9	0.9704	0.9976	0.9981	0.9574	0.9975	0.9981	0.0234	0.9979
29.0	0.9661	0.9973	0.9980	0.9633	0.9975	0.9979	0.0245	0.9977
29.1	0.9715	0.9981	0.9983	0.9707	0.9974	0.9981	0.0273	0.9978
29.2	0.9775	0.9982	0.9983	0.9727	0.9975	0.9982	0.0159	0.9978
29.3	0.9646	0.9975	0.9977	0.9711	0.9973	0.9977	0.0102	0.9972
29.4	0.9640	0.9973	0.9977	0.9642	0.9970	0.9977	0.0668	0.9971
29.5	0.9689	0.9974	0.9977	0.9634	0.9968	0.9978	0.0137	0.9971
29.6	0.9836	0.9984	0.9988	0.9802	0.9986	0.9989	0.0625	0.9987
29.7	0.9812	0.9980	0.9990	0.9761	0.9986	0.9989	0.1500	0.9987
29.8	0.9676	0.9964	0.9984	0.9522	0.9970	0.9983	0.0004	0.9977
29.9	0.9657	0.9974	0.9967	0.9275	0.9931	0.9968	0.0107	0.9940
30.0	0.9780	0.9979	0.9973	0.9367	0.9946	0.9973	0.1562	0.9950
30.1	0.9895	0.9983	0.9989	0.9654	0.9984	0.9986	0.0992	0.9982
30.2	0.9923	0.9987	0.9989	0.9698	0.9982	0.9985	0.0569	0.9983
30.3	0.9947	0.9991	0.9991	0.9656	0.9987	0.9990	0.1522	0.9989
30.4	0.9906	0.9990	0.9989	0.9611	0.9985	0.9988	0.0373	0.9989
30.5	0.9884	0.9989	0.9981	0.9505	0.9973	0.9979	0.0124	0.9974
30.6	0.9929	0.9993	0.9988	0.9638	0.9981	0.9988	0.0014	0.9982
30.7	0.9933	0.9993	0.9985	0.9552	0.9978	0.9985	0.0276	0.9977
30.8	0.9916	0.9991	0.9975	0.9273	0.9971	0.9981	0.0607	0.9968
30.9	0.9922	0.9988	0.9980	0.9154	0.9976	0.9980	0.0084	0.9973
31.0	0.9897	0.9991	0.9970	0.9041	0.9969	0.9971	0.0373	0.9960
31.1	0.9913	0.9993	0.9976	0.8949	0.9973	0.9977	0.0944	0.9975
31.2	0.9905	0.9993	0.9975	0.8535	0.9971	0.9977	0.0762	0.9973
31.3	0.9903	0.9992	0.9967	0.7863	0.9965	0.9974	0.0708	0.9964
31.4	0.9919	0.9993	0.9968	0.7673	0.9965	0.9971	0.0142	0.9964
31.5	0.9894	0.9994	0.9966	0.7409	0.9967	0.9967	0.0121	0.9949
31.6	0.9927	0.9995	0.9971	0.7381	0.9976	0.9978	0.0884	0.9950
31.7	0.9921	0.9993	0.9960	0.7041	0.9969	0.9971	0.0999	0.9927
31.8	0.9921	0.9989	0.9958	0.6479	0.9962	0.9966	0.0451	0.9926
31.9	0.9916	0.9993	0.9965	0.6366	0.9968	0.9974	0.0837	0.9943
32.0	0.9914	0.9994	0.9963	0.5380	0.9968	0.9977	0.1963	0.9927
32.1	0.9925	0.9992	0.9959	0.4891	0.9965	0.9977	0.2595	0.9907
32.2	0.9950	0.9992	0.9966	0.5624	0.9973	0.9982	0.0827	0.9923
32.3	0.9928	0.9993	0.9967	0.4389	0.9974	0.9980	0.1114	0.9919
32.4	0.9935	0.9992	0.9959	0.2090	0.9973	0.9984	0.1570	0.9923
32.5	0.9949	0.9992	0.9963	0.1628	0.9974	0.9981	0.0867	0.9902
32.6	0.9938	0.9991	0.9972	0.2356	0.9977	0.9970	0.0730	0.9846
32.7	0.9944	0.9993	0.9978	0.3146	0.9983	0.9982	0.0237	0.9906
32.8	0.9938	0.9991	0.9964	0.1088	0.9971	0.9971	0.2428	0.9892
32.9	0.9913	0.9991	0.9974	0.1634	0.9979	0.9974	0.0353	0.9901
33.0	0.9924	0.9993	0.9979	0.2488	0.9981	0.9971	0.0323	0.9914
33.1	0.9924	0.9993	0.9978	0.3127	0.9979	0.9976	0.0906	0.9931
33.2	0.9886	0.9993	0.9980	0.5422	0.9983	0.9975	0.0067	0.9931
33.3	0.9882	0.9993	0.9983	0.7262	0.9988	0.9984	0.0827	0.9956
33.4	0.9863	0.9990	0.9979	0.7758	0.9984	0.9983	0.0636	0.9955
33.5	0.9867	0.9990	0.9981	0.8237	0.9984	0.9985	0.0491	0.9965
33.6	0.9700	0.9989	0.9981	0.8579	0.9983	0.9978	0.1302	0.9959
33.7	0.9772	0.9992	0.9987	0.8998	0.9988	0.9985	0.1394	0.9968

33.8	0.9587	0.9992	0.9987	0.8758	0.9987	0.9986	0.0541	0.9975
33.9	0.9663	0.9989	0.9986	0.8971	0.9984	0.9983	0.0390	0.9966
34.0	0.9867	0.9991	0.9990	0.9272	0.9988	0.9989	0.1109	0.9981
34.1	0.9872	0.9993	0.9990	0.9265	0.9987	0.9989	0.2007	0.9980
34.2	0.9861	0.9990	0.9990	0.9027	0.9988	0.9989	0.0473	0.9976
34.3	0.9910	0.9986	0.9987	0.8924	0.9983	0.9987	0.0220	0.9973
34.4	0.9940	0.9988	0.9986	0.9063	0.9985	0.9985	0.0523	0.9973
34.5	0.9960	0.9986	0.9980	0.9009	0.9978	0.9979	0.0301	0.9972
34.6	0.9960	0.9986	0.9984	0.9094	0.9981	0.9983	0.0233	0.9972
34.7	0.9963	0.9985	0.9986	0.9231	0.9985	0.9986	0.0434	0.9977
34.8	0.9954	0.9988	0.9983	0.9226	0.9982	0.9982	0.0213	0.9969
34.9	0.9961	0.9990	0.9985	0.9478	0.9983	0.9984	0.0981	0.9974
35.0	0.9968	0.9990	0.9985	0.9486	0.9984	0.9984	0.2386	0.9972
35.1	0.9969	0.9990	0.9986	0.9242	0.9986	0.9985	0.0583	0.9977
35.2	0.9950	0.9982	0.9979	0.8737	0.9980	0.9973	0.0408	0.9958
35.3	0.9959	0.9985	0.9987	0.9088	0.9989	0.9982	0.0665	0.9970
35.4	0.9969	0.9990	0.9982	0.9164	0.9990	0.9977	0.0122	0.9967
35.5	0.9964	0.9988	0.9985	0.9316	0.9990	0.9982	0.0240	0.9975
35.6	0.9959	0.9984	0.9982	0.9398	0.9988	0.9978	0.0338	0.9974
35.7	0.9956	0.9982	0.9981	0.9628	0.9989	0.9979	0.0117	0.9975
35.8	0.9963	0.9985	0.9983	0.9710	0.9988	0.9981	0.0106	0.9978
35.9	0.9966	0.9986	0.9978	0.9736	0.9985	0.9976	0.0342	0.9973
36.0	0.9963	0.9987	0.9977	0.9674	0.9984	0.9974	0.0346	0.9970
36.1	0.9974	0.9989	0.9981	0.9865	0.9987	0.9980	0.0965	0.9978
36.2	0.9970	0.9987	0.9979	0.9833	0.9984	0.9977	0.0741	0.9977
36.3	0.9969	0.9985	0.9979	0.9820	0.9986	0.9977	0.0473	0.9979
36.4	0.9958	0.9985	0.9986	0.9808	0.9988	0.9985	0.0918	0.9987
36.5	0.9962	0.9983	0.9979	0.9826	0.9986	0.9977	0.1045	0.9981
36.6	0.9958	0.9982	0.9977	0.9814	0.9982	0.9977	0.0358	0.9981
36.7	0.9974	0.9981	0.9980	0.9842	0.9988	0.9979	0.0557	0.9980
36.8	0.9973	0.9984	0.9984	0.9850	0.9990	0.9982	0.2324	0.9986
36.9	0.9969	0.9979	0.9980	0.9836	0.9986	0.9978	0.1620	0.9982
37.0	0.9980	0.9982	0.9986	0.9875	0.9987	0.9984	0.2613	0.9987
37.1	0.9978	0.9986	0.9987	0.9917	0.9991	0.9986	0.4487	0.9991
37.2	0.9961	0.9981	0.9976	0.9852	0.9986	0.9974	0.3889	0.9984
37.3	0.9956	0.9979	0.9972	0.9857	0.9982	0.9968	0.4639	0.9980
37.4	0.9961	0.9984	0.9971	0.9842	0.9984	0.9969	0.4769	0.9978
37.5	0.9964	0.9978	0.9970	0.9844	0.9979	0.9966	0.4961	0.9981
37.6	0.9949	0.9977	0.9962	0.9840	0.9969	0.9954	0.2936	0.9985
37.7	0.9957	0.9979	0.9964	0.9850	0.9973	0.9961	0.4645	0.9980
37.8	0.9902	0.9972	0.9953	0.9772	0.9958	0.9950	0.6282	0.9974
37.9	0.9942	0.9979	0.9965	0.9865	0.9969	0.9962	0.3197	0.9978
38.0	0.9892	0.9976	0.9956	0.9790	0.9954	0.9949	0.3500	0.9967
38.1	0.9928	0.9981	0.9970	0.9886	0.9973	0.9966	0.5848	0.9966
38.2	0.9919	0.9979	0.9972	0.9868	0.9969	0.9967	0.3217	0.9970
38.3	0.9905	0.9974	0.9973	0.9867	0.9966	0.9967	0.3713	0.9965
38.4	0.9916	0.9980	0.9978	0.9861	0.9978	0.9975	0.5456	0.9968
38.5	0.9928	0.9980	0.9974	0.9897	0.9970	0.9971	0.4361	0.9967
38.6	0.9947	0.9985	0.9980	0.9924	0.9974	0.9976	0.5023	0.9972
38.7	0.9939	0.9985	0.9979	0.9894	0.9971	0.9976	0.7304	0.9963
38.8	0.9923	0.9980	0.9971	0.9895	0.9960	0.9970	0.4390	0.9951
38.9	0.9914	0.9982	0.9968	0.9903	0.9959	0.9966	0.4157	0.9952
39.0	0.9921	0.9980	0.9964	0.9881	0.9956	0.9960	0.7145	0.9965
39.1	0.9927	0.9976	0.9962	0.9877	0.9946	0.9959	0.3637	0.9959
39.2	0.9907	0.9971	0.9954	0.9845	0.9943	0.9955	0.1639	0.9938
39.3	0.9871	0.9972	0.9947	0.9802	0.9937	0.9948	0.2955	0.9935
39.4	0.9919	0.9968	0.9956	0.9812	0.9929	0.9953	0.5088	0.9964
39.5	0.9911	0.9965	0.9943	0.9785	0.9929	0.9945	0.2244	0.9964
39.6	0.9923	0.9975	0.9957	0.9804	0.9938	0.9958	0.2349	0.9967
39.7	0.9920	0.9977	0.9965	0.9726	0.9939	0.9964	0.3918	0.9962
39.8	0.9913	0.9976	0.9965	0.9478	0.9933	0.9964	0.5660	0.9961
39.9	0.9913	0.9974	0.9960	0.9429	0.9911	0.9955	0.2491	0.9963
40.0	0.9935	0.9971	0.9956	0.9417	0.9918	0.9955	0.2401	0.9972
40.1	0.9918	0.9974	0.9950	0.9223	0.9933	0.9949	0.4187	0.9964
40.2	0.9921	0.9974	0.9957	0.9242	0.9917	0.9953	0.1602	0.9953
40.3	0.9931	0.9969	0.9951	0.8130	0.9911	0.9949	0.1355	0.9956
40.4	0.9891	0.9951	0.9931	0.5584	0.9887	0.9923	0.1629	0.9926
40.5	0.9916	0.9965	0.9958	0.3408	0.9890	0.9951	0.1122	0.9945
40.6	0.9934	0.9964	0.9949	0.0892	0.9885	0.9938	0.1503	0.9950
40.7	0.9950	0.9975	0.9958	0.3009	0.9933	0.9956	0.1136	0.9967
40.8	0.9953	0.9974	0.9958	0.4830	0.9922	0.9955	0.0300	0.9962
40.9	0.9940	0.9972	0.9953	0.6096	0.9928	0.9932	0.0162	0.9942
41.0	0.9955	0.9981	0.9960	0.6571	0.9906	0.9947	0.0128	0.9958
41.1	0.9946	0.9979	0.9961	0.5392	0.9843	0.9949	0.0333	0.9947
41.2	0.9925	0.9974	0.9958	0.7448	0.9831	0.9938	0.0263	0.9931
41.3	0.9928	0.9978	0.9955	0.8370	0.9913	0.9934	0.0016	0.9867
41.4	0.9934	0.9972	0.9949	0.8252	0.9839	0.9923	0.0219	0.9782
41.5	0.9938	0.9974	0.9958	0.8207	0.9791	0.9936	0.0129	0.9889
41.6	0.9948	0.9964	0.9941	0.8168	0.9798	0.9919	0.0364	0.9937
41.7	0.9934	0.9968	0.9948	0.7802	0.9719	0.9930	0.0005	0.9916
41.8	0.9891	0.9966	0.9943	0.7449	0.9716	0.9923	0.0699	0.9810
41.9	0.9876	0.9960	0.9932	0.8429	0.9629	0.9917	0.0097	0.9799
42.0	0.9897	0.9969	0.9954	0.9212	0.9706	0.9937	0.1329	0.9841
42.1	0.9914	0.9970	0.9950	0.9409	0.9764	0.9923	0.2456	0.9849
42.2	0.9903	0.9963	0.9941	0.8895	0.9637	0.9906	0.0717	0.9884
42.3	0.9870	0.9960	0.9938	0.9053	0.9754	0.9910	0.1556	0.9886

42.4	0.9914	0.9959	0.9930	0.9237	0.9827	0.9895	0.2534	0.9902
42.5	0.9900	0.9955	0.9927	0.9413	0.9856	0.9873	0.1166	0.9904
42.6	0.9893	0.9956	0.9932	0.9515	0.9843	0.9891	0.1673	0.9900
42.7	0.9806	0.9961	0.9925	0.9323	0.9814	0.9886	0.2541	0.9872
42.8	0.9872	0.9963	0.9913	0.8902	0.9612	0.9862	0.3011	0.9759
42.9	0.9911	0.9971	0.9926	0.9250	0.9857	0.9888	0.3121	0.9826
43.0	0.9895	0.9973	0.9927	0.9331	0.9935	0.9857	0.3462	0.9857
43.1	0.9748	0.9952	0.9892	0.9324	0.9857	0.9764	0.4417	0.9650
43.2	0.9859	0.9949	0.9883	0.9078	0.9622	0.9767	0.2246	0.9517
43.3	0.9920	0.9944	0.9868	0.9053	0.9726	0.9765	0.2503	0.9451
43.4	0.9929	0.9965	0.9912	0.9471	0.9845	0.9868	0.6021	0.9727
43.5	0.9941	0.9966	0.9908	0.9167	0.9822	0.9836	0.5234	0.9870
43.6	0.9916	0.9951	0.9886	0.9124	0.9875	0.9743	0.3917	0.9856
43.7	0.9925	0.9959	0.9864	0.9216	0.9884	0.9706	0.6817	0.9862
43.8	0.9921	0.9955	0.9856	0.9227	0.9870	0.9739	0.3779	0.9830
43.9	0.9923	0.9958	0.9880	0.9269	0.9919	0.9791	0.4145	0.9759
44.0	0.9873	0.9967	0.9903	0.9263	0.9930	0.9762	0.4960	0.9516
44.1	0.9911	0.9966	0.9906	0.9317	0.9918	0.9678	0.3345	0.9403
44.2	0.9926	0.9965	0.9901	0.9406	0.9910	0.9585	0.3762	0.9619
44.3	0.9891	0.9966	0.9894	0.9072	0.9884	0.9179	0.5242	0.9419
44.4	0.9904	0.9970	0.9899	0.9511	0.9923	0.9494	0.6274	0.9756
44.5	0.9889	0.9968	0.9869	0.9508	0.9941	0.9566	0.5194	0.9789
44.6	0.9864	0.9958	0.9805	0.8911	0.9931	0.9490	0.5714	0.9741
44.7	0.9870	0.9959	0.9846	0.8629	0.9937	0.9432	0.6516	0.9726
44.8	0.9839	0.9964	0.9857	0.8945	0.9846	0.9521	0.6974	0.9373
44.9	0.9736	0.9964	0.9817	0.8830	0.9598	0.9543	0.6418	0.9323
45.0	0.9869	0.9968	0.9865	0.8641	0.9786	0.9466	0.4411	0.9530
45.1	0.9915	0.9972	0.9851	0.8699	0.9937	0.9587	0.4755	0.9669
45.2	0.9910	0.9978	0.9852	0.9085	0.9922	0.9447	0.7603	0.9680
45.3	0.9905	0.9973	0.9852	0.9280	0.9915	0.8883	0.7648	0.9438
45.4	0.9897	0.9962	0.9802	0.9315	0.9895	0.8571	0.6948	0.9474
45.5	0.9787	0.9957	0.9741	0.9086	0.9794	0.8207	0.5651	0.9299
45.6	0.9768	0.9960	0.9768	0.9286	0.9750	0.8261	0.6647	0.9581
45.7	0.9803	0.9971	0.9843	0.9490	0.9854	0.7779	0.7363	0.9670
45.8	0.9850	0.9980	0.9830	0.9488	0.9884	0.7806	0.5251	0.9516
45.9	0.9894	0.9984	0.9815	0.9575	0.9895	0.8518	0.6370	0.9730
46.0	0.9826	0.9976	0.9789	0.9418	0.9913	0.8378	0.8543	0.9725
46.1	0.9798	0.9978	0.9723	0.9472	0.9924	0.9099	0.8500	0.9637
46.2	0.9740	0.9971	0.9415	0.8582	0.9861	0.8535	0.6699	0.9412
46.3	0.9809	0.9977	0.9625	0.9139	0.9730	0.8521	0.6772	0.9346
46.4	0.9835	0.9972	0.9647	0.9551	0.9673	0.9313	0.7935	0.9529
46.5	0.9778	0.9971	0.9604	0.9519	0.9807	0.9530	0.8803	0.9706
46.6	0.9855	0.9979	0.9535	0.9456	0.9888	0.9519	0.5986	0.9904
46.7	0.9780	0.9976	0.9346	0.9095	0.9765	0.9173	0.4974	0.9844
46.8	0.9827	0.9970	0.9275	0.9456	0.9850	0.8945	0.7863	0.9735
46.9	0.9778	0.9968	0.9265	0.9462	0.9809	0.9246	0.8349	0.9586
47.0	0.9801	0.9955	0.8416	0.9247	0.9734	0.9390	0.6863	0.9585
47.1	0.9621	0.9951	0.8317	0.8750	0.9719	0.9182	0.6829	0.9769
47.2	0.9661	0.9971	0.8823	0.9519	0.9847	0.9381	0.5905	0.9841
47.3	0.9674	0.9973	0.8202	0.9616	0.9851	0.9260	0.6834	0.9813
47.4	0.9561	0.9969	0.7060	0.9664	0.9857	0.9391	0.8240	0.9763
47.5	0.9215	0.9970	0.6327	0.9684	0.9810	0.9430	0.5379	0.9747
47.6	0.8903	0.9971	0.4122	0.9567	0.9607	0.9598	0.6217	0.9660
47.7	0.9016	0.9972	0.2291	0.9648	0.9428	0.9594	0.8490	0.9737
47.8	0.8843	0.9971	0.3274	0.9753	0.9838	0.9556	0.6429	0.9784
47.9	0.8804	0.9971	0.4662	0.9555	0.9849	0.9509	0.6503	0.9646
48.0	0.8371	0.9969	0.3855	0.9379	0.9838	0.9590	0.8249	0.9453
48.1	0.8426	0.9975	0.6331	0.9501	0.9918	0.9586	0.7457	0.9533
48.2	0.8280	0.9965	0.6539	0.9487	0.9912	0.9628	0.7506	0.9550
48.3	0.7954	0.9952	0.6158	0.9693	0.9817	0.9547	0.8202	0.9764
48.4	0.8799	0.9975	0.7949	0.9800	0.9875	0.9726	0.8213	0.9828
48.5	0.8980	0.9977	0.8475	0.9809	0.9922	0.9737	0.8416	0.9868
48.6	0.8767	0.9970	0.8133	0.9749	0.9915	0.9654	0.8294	0.9830
48.7	0.8871	0.9966	0.8122	0.9717	0.9936	0.9655	0.8683	0.9856
48.8	0.8799	0.9957	0.8525	0.9619	0.9941	0.9645	0.7309	0.9859
48.9	0.8873	0.9958	0.8801	0.9595	0.9909	0.9627	0.5546	0.9739
49.0	0.8949	0.9955	0.9020	0.9573	0.9908	0.9656	0.6959	0.9716
49.1	0.8818	0.9958	0.9176	0.9215	0.9787	0.9687	0.5885	0.9223
49.2	0.9245	0.9963	0.9169	0.9455	0.9773	0.9745	0.4698	0.8865
49.3	0.9401	0.9970	0.9257	0.9684	0.9798	0.9786	0.7846	0.9601
49.4	0.9386	0.9965	0.9159	0.9712	0.9864	0.9779	0.8265	0.9653
49.5	0.9329	0.9966	0.9224	0.9719	0.9842	0.9745	0.6166	0.9688
49.6	0.9553	0.9975	0.9530	0.9706	0.9875	0.9830	0.8312	0.9744
49.7	0.9601	0.9966	0.9576	0.9707	0.9889	0.9845	0.8711	0.9733
49.8	0.9585	0.9953	0.9474	0.9681	0.9880	0.9843	0.6709	0.9765
49.9	0.9517	0.9946	0.9368	0.9364	0.9706	0.9760	0.7837	0.9581
50.0	0.9414	0.9937	0.9252	0.9260	0.9616	0.9690	0.7519	0.9501
50.1	0.9376	0.9901	0.9167	0.9184	0.9616	0.9693	0.6829	0.9411
50.2	0.9638	0.9930	0.9487	0.9471	0.9717	0.9800	0.8805	0.9632
50.3	0.9647	0.9944	0.9571	0.9514	0.9716	0.9822	0.7649	0.9689
50.4	0.9645	0.9916	0.9584	0.9248	0.9384	0.9820	0.6725	0.9399
50.5	0.9625	0.9916	0.9634	0.9033	0.9227	0.9861	0.8189	0.9350
50.6	0.9580	0.9913	0.9588	0.8825	0.9262	0.9834	0.6489	0.9084
50.7	0.9447	0.9849	0.9351	0.8200	0.8909	0.9736	0.6417	0.8680
50.8	0.9533	0.9819	0.9371	0.7741	0.8351	0.9724	0.6623	0.8492
50.9	0.9636	0.9829	0.9493	0.7557	0.8424	0.9770	0.4757	0.8403

51.0	0.9675	0.9808	0.9528	0.6632	0.8265	0.9773	0.4831	0.8221
51.1	0.9626	0.9755	0.9527	0.5004	0.7321	0.9774	0.4481	0.7426
51.2	0.9681	0.9695	0.9551	0.4664	0.6779	0.9801	0.2781	0.7126
51.3	0.9702	0.9698	0.9652	0.5221	0.7178	0.9814	0.2733	0.7792
51.4	0.9701	0.9645	0.9692	0.5546	0.6528	0.9814	0.4421	0.8098
51.5	0.9663	0.9565	0.9659	0.4784	0.5883	0.9802	0.3176	0.7510
51.6	0.9446	0.9317	0.9415	0.4346	0.4301	0.9710	0.3683	0.6541
51.7	0.9588	0.9400	0.9490	0.5531	0.4472	0.9798	0.5186	0.7032
51.8	0.9674	0.9341	0.9596	0.6045	0.4784	0.9811	0.5270	0.7659
51.9	0.9676	0.9437	0.9699	0.6095	0.4868	0.9824	0.4899	0.7777
52.0	0.9725	0.9539	0.9729	0.6656	0.5777	0.9879	0.5797	0.8009
52.1	0.9647	0.9419	0.9662	0.6549	0.5878	0.9876	0.6515	0.7695
52.2	0.9507	0.9095	0.9543	0.6545	0.5854	0.9851	0.6091	0.7218
52.3	0.9494	0.8674	0.9529	0.7055	0.5785	0.9818	0.5738	0.7145
52.4	0.9444	0.8573	0.9362	0.5511	0.4218	0.9731	0.5206	0.5640
52.5	0.9441	0.8671	0.9517	0.6579	0.6549	0.9825	0.6026	0.7104
52.6	0.9557	0.8517	0.9552	0.6338	0.5872	0.9851	0.5021	0.7534
52.7	0.9395	0.8530	0.9511	0.5080	0.4023	0.9805	0.5052	0.6825
52.8	0.9386	0.8325	0.9548	0.7342	0.6935	0.9825	0.6473	0.7907
52.9	0.9562	0.8129	0.9633	0.8585	0.8466	0.9888	0.7492	0.8724
53.0	0.9420	0.8022	0.9592	0.8572	0.8445	0.9917	0.8132	0.8582
53.1	0.9287	0.7554	0.9559	0.8554	0.8476	0.9920	0.7815	0.8541
53.2	0.9285	0.6765	0.9486	0.8417	0.7887	0.9915	0.7504	0.8407
53.3	0.9335	0.7088	0.9518	0.8614	0.7114	0.9915	0.8234	0.8426
53.4	0.9527	0.7528	0.9651	0.8984	0.6948	0.9907	0.8545	0.8651
53.5	0.9407	0.7464	0.9599	0.8649	0.7066	0.9909	0.7985	0.8613
53.6	0.9164	0.6897	0.9484	0.7055	0.3945	0.9867	0.7090	0.8007
53.7	0.8995	0.6006	0.9498	0.7588	0.6263	0.9845	0.7874	0.8472
53.8	0.8993	0.7506	0.9588	0.8399	0.6724	0.9851	0.8457	0.8781
53.9	0.8857	0.6712	0.9576	0.8840	0.7660	0.9865	0.8685	0.9116
54.0	0.8900	0.7337	0.9498	0.8684	0.7260	0.9929	0.8490	0.8955
54.1	0.8498	0.6478	0.9241	0.7826	0.3606	0.9848	0.7778	0.8074
54.2	0.8139	0.6581	0.9156	0.7637	0.4377	0.9636	0.7712	0.7711
54.3	0.8325	0.7559	0.9416	0.8853	0.7815	0.9845	0.8847	0.8845
54.4	0.8694	0.8015	0.9585	0.9334	0.8896	0.9902	0.9260	0.9346
54.5	0.8559	0.7973	0.9528	0.9389	0.8949	0.9922	0.9285	0.9348
54.6	0.7806	0.7698	0.9373	0.9278	0.8532	0.9892	0.9182	0.9184
54.7	0.6964	0.8271	0.9340	0.9170	0.6605	0.9846	0.9083	0.8884
54.8	0.7719	0.8776	0.9448	0.9278	0.7988	0.9885	0.8934	0.9204
54.9	0.8533	0.9223	0.9555	0.9498	0.8891	0.9899	0.9287	0.9502
55.0	0.8790	0.9144	0.9524	0.9594	0.9226	0.9909	0.9511	0.9534
55.1	0.8986	0.9076	0.9339	0.9555	0.9270	0.9930	0.9413	0.9381
55.2	0.8881	0.9227	0.9301	0.9526	0.9175	0.9899	0.9400	0.9348
55.3	0.9057	0.9297	0.9308	0.9614	0.9312	0.9921	0.9508	0.9442
55.4	0.8207	0.9403	0.9465	0.9620	0.9010	0.9931	0.9418	0.9514
55.5	0.7149	0.9521	0.9448	0.9371	0.8258	0.9889	0.9312	0.9454
55.6	0.8786	0.9441	0.9268	0.9476	0.8887	0.9882	0.9229	0.9421
55.7	0.9388	0.9566	0.9405	0.9673	0.9329	0.9902	0.9359	0.9577
55.8	0.9598	0.9683	0.9463	0.9677	0.9254	0.9881	0.9604	0.9642
55.9	0.9643	0.9749	0.9505	0.9711	0.9142	0.9904	0.9549	0.9652
56.0	0.9696	0.9838	0.9416	0.9528	0.8262	0.9900	0.9369	0.9430
56.1	0.9621	0.9815	0.9401	0.9450	0.8152	0.9871	0.9375	0.9493
56.2	0.9732	0.9808	0.9488	0.9712	0.9132	0.9892	0.9436	0.9741
56.3	0.9709	0.9828	0.9571	0.9775	0.9200	0.9865	0.9503	0.9749
56.4	0.9795	0.9840	0.9566	0.9753	0.9161	0.9860	0.9641	0.9732
56.5	0.9882	0.9870	0.9545	0.9783	0.9468	0.9897	0.9295	0.9759
56.6	0.9862	0.9850	0.9499	0.9814	0.9439	0.9896	0.9287	0.9761
56.7	0.9812	0.9791	0.9379	0.9766	0.9095	0.9853	0.9606	0.9710
56.8	0.9808	0.9793	0.9402	0.9794	0.9201	0.9872	0.9608	0.9744
56.9	0.9760	0.9781	0.8989	0.9664	0.9269	0.9855	0.9184	0.9765
57.0	0.9757	0.9723	0.9215	0.9781	0.9408	0.9908	0.9630	0.9734
57.1	0.9788	0.9649	0.9056	0.9487	0.8199	0.9885	0.9332	0.9523
57.2	0.9862	0.9697	0.9014	0.9578	0.8704	0.9889	0.9505	0.9678
57.3	0.9851	0.9659	0.9053	0.9761	0.9429	0.9908	0.9645	0.9805
57.4	0.9854	0.9533	0.8745	0.9768	0.9544	0.9907	0.9661	0.9824
57.5	0.9855	0.9545	0.8732	0.9753	0.9501	0.9897	0.9708	0.9856
57.6	0.9873	0.9350	0.8626	0.9760	0.9602	0.9913	0.9712	0.9826
57.7	0.9842	0.9040	0.8663	0.9758	0.9613	0.9910	0.9694	0.9833
57.8	0.9811	0.8816	0.8270	0.9608	0.9402	0.9852	0.9286	0.9823
57.9	0.9721	0.8669	0.7487	0.9532	0.9352	0.9803	0.8903	0.9759
58.0	0.9732	0.8546	0.7621	0.9597	0.9425	0.9817	0.9324	0.9783
58.1	0.9774	0.8645	0.6307	0.9591	0.9539	0.9821	0.9368	0.9808
58.2	0.9778	0.8800	0.6002	0.9681	0.9638	0.9856	0.9325	0.9882
58.3	0.9817	0.8763	0.5055	0.9740	0.9760	0.9887	0.9563	0.9868
58.4	0.9794	0.8519	0.4725	0.9728	0.9706	0.9880	0.9598	0.9859
58.5	0.9663	0.8097	0.3615	0.9648	0.9527	0.9835	0.9293	0.9823
58.6	0.9642	0.7902	0.1547	0.9554	0.9507	0.9796	0.9391	0.9817
58.7	0.9613	0.7174	0.4028	0.9545	0.9503	0.9771	0.9453	0.9857
58.8	0.9682	0.7503	0.6553	0.9652	0.9656	0.9821	0.9505	0.9873
58.9	0.9670	0.7229	0.7275	0.9641	0.9703	0.9817	0.9531	0.9869
59.0	0.8954	0.6311	0.7891	0.9657	0.9683	0.9825	0.9521	0.9889
59.1	0.8779	0.5532	0.8456	0.9599	0.9598	0.9762	0.9343	0.9844
59.2	0.9606	0.5371	0.8838	0.9696	0.9663	0.9805	0.9603	0.9874
59.3	0.9611	0.5044	0.8786	0.9663	0.9651	0.9793	0.9598	0.9864
59.4	0.9734	0.4481	0.9249	0.9737	0.9737	0.9828	0.9627	0.9845
59.5	0.9675	0.5928	0.9426	0.9742	0.9760	0.9820	0.9584	0.9810

59.6	0.9759	0.8092	0.9616	0.9778	0.9826	0.9838	0.9663	0.9850
59.7	0.9740	0.8632	0.9495	0.9701	0.9746	0.9785	0.9648	0.9822
59.8	0.9739	0.8998	0.9702	0.9762	0.9792	0.9808	0.9588	0.9777
59.9	0.9785	0.9408	0.9732	0.9749	0.9809	0.9788	0.9494	0.9804
60.0	0.9790	0.9604	0.9611	0.9762	0.9817	0.9799	0.9617	0.9836
60.1	0.9787	0.9646	0.9779	0.9752	0.9803	0.9785	0.9599	0.9808
60.2	0.9798	0.9694	0.9844	0.9773	0.9849	0.9786	0.9504	0.9746
60.3	0.9797	0.9814	0.9843	0.9794	0.9888	0.9850	0.9683	0.9828
60.4	0.9803	0.9846	0.9870	0.9792	0.9863	0.9837	0.9646	0.9845
60.5	0.9784	0.9852	0.9901	0.9788	0.9841	0.9795	0.9665	0.9819
60.6	0.9820	0.9880	0.9930	0.9829	0.9860	0.9822	0.9709	0.9861
60.7	0.9833	0.9883	0.9918	0.9821	0.9876	0.9823	0.9565	0.9853
60.8	0.9797	0.9882	0.9865	0.9770	0.9868	0.9783	0.9593	0.9858
60.9	0.9809	0.9877	0.9885	0.9742	0.9865	0.9768	0.9617	0.9856
61.0	0.9807	0.9853	0.9850	0.9635	0.9826	0.9684	0.9491	0.9826
61.1	0.9799	0.9876	0.9853	0.9651	0.9843	0.9679	0.9535	0.9809
61.2	0.9876	0.9901	0.9904	0.9745	0.9914	0.9742	0.9458	0.9854
61.3	0.9891	0.9882	0.9928	0.9754	0.9912	0.9736	0.9457	0.9837
61.4	0.9866	0.9873	0.9915	0.9709	0.9869	0.9685	0.9566	0.9809
61.5	0.9870	0.9868	0.9911	0.9684	0.9884	0.9639	0.9164	0.9811
61.6	0.9889	0.9859	0.9908	0.9696	0.9891	0.9662	0.8967	0.9793
61.7	0.9905	0.9879	0.9920	0.9679	0.9906	0.9607	0.9415	0.9799
61.8	0.9898	0.9856	0.9923	0.9674	0.9905	0.9575	0.9190	0.9781
61.9	0.9881	0.9860	0.9930	0.9713	0.9886	0.9601	0.9173	0.9765
62.0	0.9861	0.9850	0.9913	0.9561	0.9865	0.9384	0.9387	0.9744
62.1	0.9867	0.9862	0.9909	0.9588	0.9877	0.9394	0.9149	0.9768
62.2	0.9841	0.9801	0.9892	0.9457	0.9880	0.9211	0.8797	0.9743
62.3	0.9828	0.9749	0.9898	0.9372	0.9888	0.9017	0.9080	0.9686
62.4	0.9756	0.9741	0.9857	0.9159	0.9874	0.8593	0.8361	0.9660
62.5	0.9796	0.9834	0.9909	0.9340	0.9886	0.8708	0.8580	0.9819
62.6	0.9860	0.9837	0.9933	0.9485	0.9893	0.8971	0.9194	0.9782
62.7	0.9825	0.9850	0.9927	0.9474	0.9884	0.8742	0.9161	0.9801
62.8	0.9826	0.9866	0.9930	0.9457	0.9903	0.8433	0.8737	0.9821
62.9	0.9799	0.9810	0.9914	0.9169	0.9891	0.7378	0.8486	0.9799
63.0	0.9861	0.9867	0.9936	0.9284	0.9920	0.7888	0.9093	0.9888
63.1	0.9880	0.9854	0.9944	0.9310	0.9920	0.8234	0.8540	0.9886
63.2	0.9856	0.9871	0.9949	0.9143	0.9922	0.8055	0.7808	0.9912
63.3	0.9764	0.9812	0.9935	0.8765	0.9920	0.7855	0.8072	0.9881
63.4	0.9817	0.9839	0.9945	0.8932	0.9936	0.8867	0.8161	0.9912
63.5	0.9803	0.9884	0.9947	0.8890	0.9929	0.9270	0.6940	0.9943
63.6	0.9825	0.9880	0.9944	0.8953	0.9930	0.9441	0.7782	0.9935
63.7	0.9759	0.9849	0.9943	0.8104	0.9912	0.9438	0.7463	0.9920
63.8	0.9781	0.9838	0.9936	0.7443	0.9917	0.9561	0.5545	0.9923
63.9	0.9718	0.9773	0.9911	0.6198	0.9885	0.9518	0.5120	0.9909
64.0	0.9703	0.9820	0.9929	0.5582	0.9911	0.9700	0.2669	0.9936
64.1	0.9718	0.9827	0.9932	0.5658	0.9928	0.9785	0.0664	0.9944
64.2	0.9715	0.9847	0.9940	0.7562	0.9946	0.9862	0.1750	0.9953
64.3	0.9673	0.9833	0.9927	0.7688	0.9921	0.9832	0.0626	0.9943
64.4	0.9718	0.9863	0.9933	0.8420	0.9917	0.9845	0.0177	0.9952
64.5	0.9688	0.9837	0.9931	0.8671	0.9917	0.9870	0.0476	0.9952
64.6	0.9640	0.9825	0.9922	0.8577	0.9912	0.9895	0.0493	0.9945
64.7	0.9656	0.9890	0.9921	0.8872	0.9919	0.9892	0.1261	0.9957
64.8	0.9689	0.9909	0.9947	0.9244	0.9938	0.9922	0.2454	0.9968
64.9	0.9616	0.9920	0.9941	0.9169	0.9928	0.9910	0.2538	0.9972
65.0	0.9591	0.9895	0.9932	0.8811	0.9921	0.9893	0.1860	0.9962
65.1	0.9603	0.9859	0.9921	0.8731	0.9916	0.9873	0.2986	0.9948
65.2	0.9506	0.9822	0.9896	0.8898	0.9900	0.9887	0.1972	0.9945
65.3	0.9435	0.9882	0.9906	0.8397	0.9903	0.9880	0.1476	0.9938
65.4	0.9657	0.9905	0.9941	0.8689	0.9928	0.9906	0.1224	0.9944
65.5	0.9602	0.9866	0.9931	0.8978	0.9912	0.9900	0.1292	0.9938
65.6	0.9614	0.9877	0.9931	0.9117	0.9926	0.9909	0.3813	0.9945
65.7	0.9610	0.9897	0.9927	0.8966	0.9932	0.9905	0.4725	0.9953
65.8	0.9568	0.9901	0.9931	0.8833	0.9928	0.9913	0.4408	0.9958
65.9	0.9589	0.9896	0.9944	0.9183	0.9936	0.9921	0.5073	0.9953
66.0	0.9670	0.9907	0.9941	0.9116	0.9947	0.9920	0.3645	0.9957
66.1	0.9602	0.9869	0.9914	0.8762	0.9908	0.9914	0.3435	0.9942
66.2	0.9537	0.9868	0.9894	0.8499	0.9889	0.9906	0.3793	0.9921
66.3	0.9432	0.9861	0.9899	0.7571	0.9893	0.9884	0.2179	0.9913
66.4	0.9545	0.9899	0.9920	0.7954	0.9912	0.9894	0.4348	0.9935
66.5	0.9332	0.9825	0.9876	0.7197	0.9879	0.9859	0.3438	0.9926
66.6	0.9404	0.9841	0.9890	0.6919	0.9897	0.9839	0.3744	0.9936
66.7	0.9588	0.9851	0.9923	0.7331	0.9919	0.9818	0.6019	0.9930
66.8	0.9546	0.9787	0.9899	0.6618	0.9901	0.9777	0.2629	0.9909
66.9	0.9437	0.9803	0.9884	0.5701	0.9892	0.9804	0.2246	0.9926
67.0	0.9654	0.9847	0.9911	0.6676	0.9914	0.9816	0.5998	0.9934
67.1	0.9596	0.9826	0.9880	0.5143	0.9899	0.9800	0.5355	0.9917
67.2	0.9360	0.9761	0.9826	0.2196	0.9868	0.9704	0.3900	0.9886
67.3	0.9436	0.9749	0.9847	0.2275	0.9883	0.9737	0.5981	0.9911
67.4	0.9527	0.9801	0.9859	0.2744	0.9866	0.9791	0.6548	0.9913
67.5	0.9567	0.9808	0.9864	0.1430	0.9883	0.9846	0.6430	0.9938
67.6	0.9546	0.9778	0.9845	0.1235	0.9882	0.9747	0.7948	0.9902
67.7	0.9534	0.9830	0.9863	0.3084	0.9877	0.9724	0.6532	0.9902
67.8	0.9348	0.9760	0.9789	0.4630	0.9817	0.9737	0.5935	0.9915
67.9	0.9133	0.9666	0.9702	0.5782	0.9742	0.9649	0.8037	0.9863
68.0	0.9405	0.9725	0.9777	0.6794	0.9809	0.9691	0.7245	0.9887
68.1	0.9425	0.9719	0.9788	0.7305	0.9822	0.9690	0.5819	0.9880

68.2	0.9197	0.9627	0.9704	0.6868	0.9759	0.9517	0.6744	0.9792
68.3	0.8987	0.9578	0.9661	0.8048	0.9730	0.9424	0.8564	0.9794
68.4	0.9226	0.9688	0.9733	0.8710	0.9799	0.9633	0.7538	0.9861
68.5	0.9295	0.9673	0.9729	0.8984	0.9805	0.9644	0.6971	0.9843
68.6	0.8941	0.9516	0.9599	0.8674	0.9648	0.9281	0.7159	0.9672
68.7	0.9283	0.9653	0.9735	0.9124	0.9775	0.9475	0.8700	0.9729
68.8	0.9152	0.9656	0.9706	0.9043	0.9768	0.9548	0.7031	0.9745
68.9	0.8948	0.9606	0.9581	0.9254	0.9675	0.9616	0.7145	0.9800
69.0	0.8965	0.9559	0.9582	0.9295	0.9662	0.9623	0.8512	0.9783
69.1	0.8964	0.9558	0.9622	0.9397	0.9689	0.9577	0.7767	0.9760
69.2	0.8917	0.9518	0.9595	0.9340	0.9688	0.9531	0.8046	0.9783
69.3	0.8817	0.9511	0.9569	0.9376	0.9659	0.9540	0.8302	0.9757
69.4	0.8790	0.9582	0.9614	0.9590	0.9684	0.9665	0.7755	0.9810
69.5	0.8525	0.9538	0.9521	0.9362	0.9613	0.9644	0.7982	0.9781
69.6	0.8491	0.9552	0.9509	0.9152	0.9633	0.9646	0.7133	0.9761
69.7	0.8039	0.9514	0.9396	0.9096	0.9533	0.9606	0.5002	0.9747
69.8	0.7232	0.9341	0.9227	0.8705	0.9405	0.9503	0.5648	0.9675
69.9	0.7342	0.9399	0.9244	0.8327	0.9387	0.9522	0.5910	0.9676
70.0	0.7676	0.9448	0.9357	0.8591	0.9477	0.9581	0.4755	0.9730
70.1	0.7700	0.9503	0.9475	0.8676	0.9562	0.9596	0.5730	0.9730
70.2	0.7182	0.9405	0.9459	0.8229	0.9581	0.9505	0.3721	0.9680
70.3	0.6922	0.9354	0.9489	0.8134	0.9590	0.9437	0.3180	0.9667
70.4	0.7061	0.9431	0.9519	0.8110	0.9641	0.9564	0.3693	0.9732
70.5	0.7252	0.9567	0.9597	0.8201	0.9681	0.9605	0.2005	0.9724
70.6	0.6455	0.9463	0.9557	0.7945	0.9660	0.9497	0.1696	0.9675
70.7	0.5386	0.9373	0.9465	0.7506	0.9540	0.9371	0.2478	0.9573
70.8	0.6023	0.9460	0.9497	0.7941	0.9548	0.9465	0.3621	0.9596
70.9	0.5331	0.9538	0.9553	0.7605	0.9629	0.9578	0.2041	0.9682
71.0	0.3377	0.9579	0.9621	0.6837	0.9738	0.9660	0.3888	0.9776
71.1	0.3023	0.9613	0.9566	0.7196	0.9665	0.9625	0.4977	0.9720
71.2	0.1233	0.9583	0.9523	0.6523	0.9566	0.9562	0.5907	0.9620
71.3	0.1781	0.9659	0.9719	0.7006	0.9731	0.9606	0.7179	0.9701
71.4	0.1107	0.9725	0.9775	0.7499	0.9812	0.9725	0.7476	0.9788
71.5	0.1181	0.9651	0.9631	0.6335	0.9749	0.9704	0.7233	0.9761
71.6	0.2895	0.9704	0.9643	0.7174	0.9737	0.9648	0.7822	0.9725
71.7	0.4074	0.9714	0.9664	0.7560	0.9743	0.9642	0.8360	0.9707
71.8	0.4897	0.9546	0.9569	0.6618	0.9672	0.9500	0.7327	0.9601
71.9	0.6098	0.9580	0.9533	0.6970	0.9675	0.9566	0.7706	0.9658
72.0	0.6918	0.9682	0.9593	0.7157	0.9722	0.9605	0.8381	0.9712
72.1	0.7911	0.9762	0.9631	0.7601	0.9707	0.9598	0.8085	0.9689
72.2	0.8189	0.9745	0.9629	0.7464	0.9734	0.9629	0.7794	0.9722
72.3	0.8512	0.9696	0.9581	0.7987	0.9716	0.9627	0.8464	0.9703
72.4	0.8671	0.9571	0.9249	0.8177	0.9529	0.9560	0.8772	0.9605
72.5	0.8907	0.9633	0.9328	0.8161	0.9574	0.9535	0.8561	0.9614
72.6	0.9100	0.9758	0.9538	0.8411	0.9733	0.9642	0.8847	0.9744
72.7	0.9313	0.9761	0.9490	0.8693	0.9702	0.9672	0.9076	0.9742
72.8	0.9235	0.9754	0.9370	0.8865	0.9665	0.9657	0.9107	0.9715
72.9	0.9324	0.9736	0.9314	0.8980	0.9658	0.9655	0.9242	0.9711
73.0	0.9258	0.9708	0.9384	0.8665	0.9664	0.9575	0.8887	0.9702
73.1	0.9275	0.9646	0.9230	0.8471	0.9567	0.9462	0.8511	0.9617
73.2	0.9488	0.9727	0.9165	0.8998	0.9588	0.9625	0.9144	0.9691
73.3	0.9561	0.9811	0.9048	0.9175	0.9547	0.9712	0.9348	0.9747
73.4	0.9516	0.9779	0.8973	0.9222	0.9354	0.9665	0.9266	0.9666
73.5	0.9639	0.9792	0.9075	0.9380	0.9461	0.9722	0.9328	0.9708
73.6	0.9697	0.9792	0.9208	0.9409	0.9508	0.9727	0.9486	0.9746
73.7	0.9376	0.9768	0.9084	0.9037	0.9385	0.9556	0.9213	0.9670
73.8	0.9276	0.9770	0.9027	0.8954	0.9359	0.9535	0.9089	0.9664
73.9	0.9489	0.9758	0.9079	0.9223	0.9231	0.9673	0.9272	0.9680
74.0	0.9501	0.9677	0.9154	0.9164	0.9121	0.9520	0.9212	0.9549
74.1	0.9476	0.9749	0.9219	0.9137	0.9199	0.9508	0.9185	0.9584
74.2	0.9508	0.9798	0.9293	0.9257	0.9197	0.9571	0.9189	0.9635
74.3	0.9590	0.9765	0.9327	0.9317	0.9171	0.9600	0.9287	0.9633
74.4	0.9628	0.9758	0.9469	0.9358	0.9297	0.9597	0.9269	0.9640
74.5	0.9641	0.9805	0.9508	0.9484	0.9283	0.9691	0.9391	0.9675
74.6	0.9566	0.9742	0.9372	0.9351	0.9150	0.9653	0.9343	0.9628
74.7	0.9568	0.9764	0.9471	0.9332	0.9406	0.9559	0.9197	0.9644
74.8	0.9571	0.9607	0.9316	0.9264	0.9053	0.9460	0.8875	0.9431
74.9	0.9612	0.9675	0.9278	0.9303	0.9033	0.9622	0.9207	0.9521
75.0	0.9494	0.9562	0.9148	0.9189	0.8584	0.9420	0.9317	0.9202
75.1	0.9460	0.9546	0.9101	0.9179	0.8483	0.9380	0.9151	0.9084
75.2	0.9598	0.9641	0.9406	0.9357	0.9051	0.9470	0.9169	0.9378
75.3	0.9619	0.9570	0.9489	0.9281	0.9274	0.9375	0.9190	0.9445
75.4	0.9517	0.9529	0.9286	0.9141	0.9031	0.9367	0.9074	0.9291
75.5	0.9624	0.9628	0.9487	0.9376	0.9305	0.9477	0.9044	0.9503
75.6	0.9723	0.9675	0.9597	0.9485	0.9424	0.9540	0.9243	0.9599
75.7	0.9695	0.9614	0.9602	0.9534	0.9370	0.9522	0.9488	0.9514
75.8	0.9519	0.9432	0.9325	0.9329	0.8916	0.9156	0.9190	0.9095
75.9	0.9517	0.9548	0.9369	0.9322	0.9025	0.9112	0.9140	0.9195
76.0	0.9492	0.9654	0.9377	0.9312	0.9150	0.9394	0.9264	0.9350
76.1	0.9427	0.9438	0.9284	0.9319	0.8953	0.9391	0.9235	0.9158
76.2	0.9456	0.9244	0.9331	0.9363	0.8907	0.9228	0.9108	0.9136
76.3	0.9379	0.9376	0.9290	0.9194	0.8991	0.9067	0.9149	0.9181
76.4	0.9599	0.9497	0.9503	0.9342	0.9345	0.9296	0.8939	0.9504
76.5	0.9732	0.9539	0.9532	0.9564	0.9269	0.9533	0.9061	0.9462
76.6	0.9633	0.9488	0.9409	0.9432	0.9148	0.9319	0.9324	0.9358
76.7	0.9517	0.9354	0.9339	0.9390	0.9027	0.9134	0.9126	0.9231

76.8	0.9569	0.9455	0.9228	0.9370	0.8798	0.9293	0.8771	0.9090
76.9	0.9421	0.9388	0.9110	0.9195	0.8651	0.9091	0.8909	0.9012
77.0	0.9466	0.9396	0.9250	0.9283	0.8883	0.9097	0.9234	0.9146
77.1	0.9251	0.9225	0.8861	0.8947	0.8437	0.8765	0.8677	0.8786
77.2	0.9403	0.8959	0.8978	0.9119	0.8514	0.8831	0.8985	0.8945
77.3	0.9359	0.9010	0.8970	0.9197	0.8281	0.8621	0.9276	0.8834
77.4	0.9400	0.9022	0.9119	0.9249	0.8545	0.8592	0.8869	0.8970
77.5	0.9518	0.9092	0.9163	0.9431	0.8573	0.8764	0.9066	0.9076
77.6	0.9456	0.8966	0.9166	0.9382	0.8528	0.8876	0.9417	0.9050
77.7	0.9252	0.8788	0.8794	0.9217	0.7954	0.8552	0.8947	0.8635
77.8	0.9180	0.9000	0.8477	0.9022	0.7347	0.8052	0.8697	0.8217
77.9	0.9535	0.9092	0.8959	0.9344	0.8025	0.8352	0.9291	0.8733
78.0	0.9647	0.9059	0.9161	0.9440	0.8320	0.8692	0.8962	0.8985
78.1	0.9509	0.8783	0.8900	0.9361	0.7629	0.7873	0.8223	0.8554
78.2	0.9330	0.8766	0.8532	0.9158	0.7072	0.7934	0.8735	0.8274
78.3	0.9415	0.9232	0.8887	0.9174	0.7721	0.8030	0.8911	0.8651
78.4	0.9220	0.8979	0.8540	0.8964	0.7099	0.7506	0.8155	0.8174
78.5	0.9180	0.8655	0.8577	0.8963	0.7056	0.7367	0.8307	0.8211
78.6	0.9261	0.8531	0.8658	0.9144	0.6909	0.6750	0.8975	0.8124
78.7	0.9389	0.8882	0.8788	0.9243	0.7335	0.6917	0.8882	0.8256
78.8	0.9316	0.8773	0.8803	0.9281	0.7445	0.6554	0.8895	0.8293
78.9	0.9224	0.8618	0.8813	0.9102	0.7805	0.6514	0.9026	0.8421
79.0	0.9305	0.8790	0.8918	0.9132	0.8030	0.7062	0.8767	0.8587
79.1	0.9328	0.8868	0.9014	0.9245	0.8228	0.7121	0.9078	0.8689
79.2	0.9042	0.8887	0.8746	0.9043	0.7829	0.7046	0.9055	0.8396
79.3	0.9079	0.9005	0.8717	0.9069	0.7603	0.7272	0.8827	0.8440
79.4	0.9255	0.8758	0.8782	0.9145	0.7577	0.7721	0.8811	0.8596
79.5	0.8953	0.8344	0.8133	0.8846	0.6295	0.6457	0.8743	0.7697
79.6	0.9188	0.9015	0.8605	0.9086	0.6913	0.7481	0.8630	0.8311
79.7	0.9075	0.8597	0.8750	0.9200	0.6457	0.7521	0.8580	0.8203
79.8	0.9042	0.8667	0.8564	0.9234	0.4872	0.6927	0.8775	0.7544
79.9	0.9068	0.8495	0.8781	0.9186	0.5539	0.7302	0.8894	0.8042
80.0	0.9322	0.9011	0.9269	0.9439	0.7032	0.8076	0.9095	0.8848

2.2.69 Run 6 – VT000-200 – Accels 17–24

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0358	0.0058	0.5184	0.4860	0.4583	0.4162	0.3549	0.4286
0.1	0.0187	0.0248	0.0560	0.0173	0.0244	0.0111	0.0142	0.0322
0.2	0.0024	0.0131	0.0192	0.0021	0.0147	0.0191	0.0364	0.0372
0.3	0.0020	0.0026	0.0134	0.0102	0.0359	0.0735	0.0155	0.0388
0.4	0.0079	0.0131	0.0142	0.0004	0.0118	0.0054	0.0356	0.0189
0.5	0.0012	0.0874	0.0234	0.0064	0.0042	0.0311	0.0230	0.0841
0.6	0.0125	0.0051	0.1016	0.0126	0.0065	0.0012	0.0031	0.0237
0.7	0.0031	0.0104	0.1057	0.0169	0.0164	0.0112	0.0054	0.0327
0.8	0.0041	0.0262	0.1047	0.0222	0.0791	0.0245	0.0107	0.0460
0.9	0.0120	0.2405	0.2344	0.0115	0.1814	0.1018	0.0505	0.1220
1.0	0.0215	0.1570	0.3648	0.0366	0.1682	0.1235	0.0378	0.1655
1.1	0.0654	0.2920	0.4809	0.2035	0.3168	0.2464	0.0637	0.3805
1.2	0.1546	0.1379	0.4140	0.1203	0.2691	0.2345	0.0550	0.3175
1.3	0.1496	0.1752	0.5740	0.1755	0.4560	0.3487	0.0899	0.3465
1.4	0.3269	0.3869	0.6793	0.3541	0.6143	0.5975	0.1329	0.5790
1.5	0.3398	0.5159	0.7481	0.4342	0.3068	0.4756	0.1863	0.3222
1.6	0.3521	0.3161	0.8577	0.2921	0.3742	0.6741	0.4906	0.3517
1.7	0.1260	0.2533	0.8795	0.3408	0.3364	0.7235	0.7461	0.1669
1.8	0.4227	0.5420	0.8534	0.6318	0.2799	0.7049	0.7920	0.2013
1.9	0.5961	0.6683	0.7908	0.6572	0.0439	0.6090	0.7185	0.4619
2.0	0.8003	0.6616	0.6711	0.8035	0.2289	0.7534	0.8707	0.6191
2.1	0.6607	0.3051	0.2172	0.8566	0.2640	0.7939	0.7003	0.2958
2.2	0.4239	0.2662	0.6308	0.6409	0.3072	0.8362	0.6419	0.2767
2.3	0.3508	0.5791	0.6807	0.3667	0.6118	0.7623	0.4138	0.6158
2.4	0.5207	0.8443	0.3513	0.5450	0.6007	0.5222	0.5619	0.8836
2.5	0.6054	0.9084	0.7771	0.6133	0.5206	0.7433	0.6214	0.8661
2.6	0.5581	0.8332	0.9258	0.6026	0.5045	0.8513	0.5897	0.7760
2.7	0.5003	0.8330	0.9530	0.6243	0.4655	0.9142	0.5594	0.8162
2.8	0.5511	0.7524	0.9435	0.6758	0.4529	0.9300	0.6804	0.7602
2.9	0.5437	0.7408	0.9583	0.7160	0.5061	0.9370	0.6943	0.6682
3.0	0.5722	0.6679	0.9557	0.6991	0.3823	0.9278	0.6889	0.5403
3.1	0.5608	0.4688	0.9465	0.6171	0.2868	0.9313	0.6080	0.5046
3.2	0.5698	0.4348	0.9481	0.5035	0.2921	0.9227	0.5524	0.5104
3.3	0.5232	0.4530	0.9453	0.4586	0.1912	0.8933	0.5154	0.4389
3.4	0.5185	0.4601	0.9175	0.5621	0.1692	0.8666	0.5804	0.2591
3.5	0.2540	0.3228	0.8784	0.4039	0.1962	0.8169	0.3838	0.1729
3.6	0.1052	0.2080	0.7859	0.0787	0.1816	0.8125	0.1664	0.2049
3.7	0.2517	0.3024	0.9295	0.3166	0.1557	0.9134	0.3018	0.3656
3.8	0.7781	0.8059	0.9950	0.8159	0.5113	0.9895	0.7980	0.7222
3.9	0.9049	0.9173	0.9972	0.9333	0.7702	0.9952	0.9163	0.8393
4.0	0.9036	0.9518	0.9977	0.9579	0.8319	0.9963	0.9594	0.9141
4.1	0.8651	0.9512	0.9978	0.9369	0.8347	0.9949	0.9552	0.9201
4.2	0.8432	0.9410	0.9966	0.9301	0.8454	0.9948	0.9331	0.9022
4.3	0.7933	0.9327	0.9966	0.8945	0.7550	0.9939	0.9056	0.8791
4.4	0.7158	0.9100	0.9958	0.8726	0.6900	0.9942	0.8759	0.8333
4.5	0.7399	0.8798	0.9953	0.8400	0.6127	0.9944	0.8762	0.7858
4.6	0.5712	0.7843	0.9919	0.7191	0.5376	0.9905	0.7870	0.7113
4.7	0.5053	0.7741	0.9928	0.7328	0.6005	0.9906	0.7119	0.6839
4.8	0.3825	0.5736	0.9904	0.5940	0.5462	0.9912	0.5646	0.5726
4.9	0.2340	0.0440	0.9881	0.3894	0.2984	0.9870	0.3164	0.3572
5.0	0.1105	0.5405	0.9919	0.3071	0.2504	0.9864	0.4377	0.3420
5.1	0.0923	0.8159	0.9944	0.3945	0.4047	0.9922	0.6063	0.6344
5.2	0.2393	0.7588	0.9931	0.1762	0.4135	0.9884	0.3383	0.5493
5.3	0.4483	0.6153	0.9858	0.5281	0.1562	0.9904	0.5967	0.2485
5.4	0.4742	0.3790	0.9645	0.6214	0.0327	0.9847	0.6856	0.0532
5.5	0.2426	0.4907	0.9198	0.3811	0.0704	0.9709	0.4823	0.1676
5.6	0.1026	0.4475	0.9172	0.4470	0.2228	0.9577	0.3507	0.3845
5.7	0.2061	0.6358	0.9819	0.6549	0.3315	0.9875	0.6788	0.5666
5.8	0.0086	0.7039	0.9934	0.6863	0.4288	0.9960	0.7479	0.5935
5.9	0.0810	0.4755	0.9967	0.6668	0.4230	0.9975	0.7511	0.4473
6.0	0.4966	0.0136	0.9976	0.7199	0.6682	0.9982	0.8350	0.5912
6.1	0.7839	0.7106	0.9978	0.7354	0.6772	0.9978	0.8787	0.6956
6.2	0.8811	0.9263	0.9986	0.6065	0.8181	0.9976	0.8394	0.8349
6.3	0.9317	0.9740	0.9990	0.3728	0.9087	0.9980	0.7669	0.9350
6.4	0.9367	0.9831	0.9988	0.5396	0.9198	0.9973	0.3253	0.9394
6.5	0.9641	0.9854	0.9990	0.8413	0.9257	0.9984	0.6256	0.9499
6.6	0.9644	0.9857	0.9984	0.8958	0.9247	0.9987	0.7802	0.9461
6.7	0.9621	0.9892	0.9970	0.9192	0.9200	0.9987	0.8668	0.9420
6.8	0.9408	0.9850	0.9857	0.9189	0.8937	0.9983	0.8837	0.9229
6.9	0.9053	0.9674	0.9217	0.8860	0.8954	0.9980	0.8640	0.8952
7.0	0.8397	0.9158	0.8110	0.8183	0.8580	0.9953	0.7983	0.8361
7.1	0.8317	0.8687	0.8507	0.8202	0.7992	0.9929	0.8091	0.7781
7.2	0.9351	0.9234	0.9616	0.9342	0.8547	0.9975	0.9310	0.7342
7.3	0.9491	0.8992	0.9783	0.9478	0.8303	0.9909	0.9496	0.3398
7.4	0.9648	0.9137	0.9867	0.9671	0.8822	0.9929	0.9686	0.3574
7.5	0.9609	0.8642	0.9883	0.9675	0.7481	0.9956	0.9690	0.6220
7.6	0.9920	0.9232	0.9986	0.9924	0.6215	0.9986	0.9916	0.8707
7.7	0.9963	0.9227	0.9996	0.9941	0.3613	0.9974	0.9931	0.8574
7.8	0.9977	0.8879	0.9993	0.9942	0.0685	0.9966	0.9923	0.8588
7.9	0.9976	0.8547	0.9987	0.9943	0.0542	0.9952	0.9932	0.9107

8.0	0.9949	0.7156	0.9986	0.9908	0.2023	0.9951	0.9898	0.9120
8.1	0.9971	0.5234	0.9991	0.9934	0.2692	0.9959	0.9924	0.9051
8.2	0.9968	0.5710	0.9990	0.9942	0.3881	0.9958	0.9934	0.9323
8.3	0.9974	0.2689	0.9991	0.9954	0.6317	0.9964	0.9947	0.9548
8.4	0.9968	0.1293	0.9989	0.9950	0.7740	0.9954	0.9942	0.9476
8.5	0.9963	0.1757	0.9989	0.9945	0.8263	0.9954	0.9941	0.9491
8.6	0.9955	0.2906	0.9979	0.9943	0.7549	0.9928	0.9943	0.9430
8.7	0.9918	0.5124	0.9963	0.9914	0.6736	0.9871	0.9907	0.9285
8.8	0.9882	0.7314	0.9951	0.9882	0.7013	0.9845	0.9885	0.8904
8.9	0.9844	0.8250	0.9933	0.9859	0.7220	0.9816	0.9858	0.8834
9.0	0.9790	0.8212	0.9917	0.9810	0.8383	0.9785	0.9813	0.8752
9.1	0.9818	0.7860	0.9895	0.9844	0.9010	0.9783	0.9843	0.9097
9.2	0.9525	0.8133	0.9713	0.9570	0.8944	0.9485	0.9575	0.8765
9.3	0.9245	0.8861	0.9477	0.9275	0.8584	0.9260	0.9272	0.7701
9.4	0.9415	0.9334	0.9448	0.9391	0.9011	0.9471	0.9398	0.7707
9.5	0.9690	0.9748	0.9620	0.9647	0.9301	0.9741	0.9651	0.8281
9.6	0.9722	0.9826	0.9552	0.9634	0.9374	0.9793	0.9617	0.8341
9.7	0.9791	0.9827	0.9454	0.9679	0.9381	0.9856	0.9659	0.8716
9.8	0.9820	0.9860	0.9454	0.9666	0.9328	0.9891	0.9624	0.8959
9.9	0.9869	0.9834	0.9634	0.9699	0.9344	0.9931	0.9648	0.9071
10.0	0.9902	0.9779	0.9772	0.9698	0.9102	0.9952	0.9663	0.9126
10.1	0.9880	0.9840	0.9804	0.9532	0.9298	0.9949	0.9403	0.9212
10.2	0.9937	0.9851	0.9928	0.9657	0.9147	0.9979	0.9567	0.9102
10.3	0.9961	0.9832	0.9953	0.9716	0.9039	0.9992	0.9672	0.9069
10.4	0.9981	0.9863	0.9987	0.9779	0.9361	0.9997	0.9781	0.9347
10.5	0.9951	0.9820	0.9955	0.9496	0.9199	0.9990	0.9562	0.9310
10.6	0.9951	0.9854	0.9965	0.9568	0.9247	0.9989	0.9580	0.9418
10.7	0.9931	0.9846	0.9960	0.9338	0.9188	0.9986	0.9477	0.9449
10.8	0.9922	0.9838	0.9943	0.9395	0.9045	0.9984	0.9508	0.9304
10.9	0.9942	0.9887	0.9969	0.9702	0.9316	0.9992	0.9734	0.9547
11.0	0.9941	0.9906	0.9975	0.9764	0.9509	0.9995	0.9797	0.9665
11.1	0.9962	0.9932	0.9982	0.9893	0.9679	0.9997	0.9909	0.9770
11.2	0.9937	0.9916	0.9976	0.9841	0.9603	0.9997	0.9865	0.9711
11.3	0.9948	0.9915	0.9981	0.9915	0.9510	0.9998	0.9924	0.9693
11.4	0.9930	0.9922	0.9978	0.9920	0.9514	0.9998	0.9930	0.9734
11.5	0.9944	0.9944	0.9987	0.9952	0.9698	0.9999	0.9948	0.9807
11.6	0.9892	0.9939	0.9977	0.9924	0.9558	0.9998	0.9919	0.9787
11.7	0.9911	0.9943	0.9982	0.9947	0.9650	0.9999	0.9949	0.9818
11.8	0.9885	0.9951	0.9983	0.9966	0.9677	0.9999	0.9961	0.9836
11.9	0.9882	0.9941	0.9983	0.9961	0.9633	0.9999	0.9964	0.9840
12.0	0.9822	0.9957	0.9982	0.9958	0.9722	0.9999	0.9951	0.9870
12.1	0.9802	0.9958	0.9979	0.9964	0.9750	0.9997	0.9965	0.9881
12.2	0.9701	0.9952	0.9978	0.9961	0.9756	0.9996	0.9966	0.9915
12.3	0.9729	0.9961	0.9983	0.9967	0.9779	0.9995	0.9969	0.9930
12.4	0.9746	0.9949	0.9982	0.9966	0.9785	0.9991	0.9970	0.9893
12.5	0.9614	0.9948	0.9977	0.9966	0.9703	0.9985	0.9964	0.9855
12.6	0.9182	0.9926	0.9966	0.9952	0.9461	0.9983	0.9956	0.9725
12.7	0.8002	0.9920	0.9962	0.9957	0.9428	0.9981	0.9955	0.9669
12.8	0.5469	0.9918	0.9947	0.9948	0.9581	0.9978	0.9959	0.9729
12.9	0.4460	0.9884	0.9920	0.9928	0.9341	0.9976	0.9959	0.9510
13.0	0.8029	0.9893	0.9935	0.9935	0.9507	0.9981	0.9963	0.9648
13.1	0.9054	0.9849	0.9929	0.9926	0.9574	0.9984	0.9960	0.9689
13.2	0.9426	0.9787	0.9925	0.9907	0.9597	0.9978	0.9940	0.9684
13.3	0.9544	0.9728	0.9886	0.9899	0.9575	0.9976	0.9927	0.9663
13.4	0.9604	0.9606	0.9725	0.9892	0.9412	0.9966	0.9914	0.9516
13.5	0.9555	0.9448	0.9536	0.9851	0.9226	0.9955	0.9865	0.9327
13.6	0.9591	0.9176	0.9360	0.9840	0.8933	0.9950	0.9822	0.9026
13.7	0.9735	0.9254	0.9541	0.9903	0.9098	0.9972	0.9849	0.9135
13.8	0.9876	0.9479	0.9683	0.9929	0.9382	0.9945	0.9852	0.9387
13.9	0.9795	0.9487	0.9646	0.9829	0.9384	0.9857	0.9746	0.9365
14.0	0.9723	0.9650	0.9702	0.9764	0.9574	0.9808	0.9728	0.9562
14.1	0.9305	0.9570	0.9378	0.9413	0.9349	0.9512	0.9371	0.9393
14.2	0.9211	0.9263	0.9204	0.9275	0.9027	0.9330	0.9238	0.9011
14.3	0.9414	0.9316	0.9360	0.9434	0.9127	0.9423	0.9407	0.9079
14.4	0.9293	0.8513	0.9162	0.9287	0.8499	0.9229	0.9248	0.8060
14.5	0.9686	0.9166	0.9605	0.9669	0.9185	0.9613	0.9653	0.8663
14.6	0.9741	0.9427	0.9703	0.9751	0.9280	0.9740	0.9741	0.8579
14.7	0.9880	0.9717	0.9868	0.9888	0.9683	0.9877	0.9884	0.9226
14.8	0.9902	0.9750	0.9891	0.9904	0.9695	0.9863	0.9902	0.9137
14.9	0.9928	0.9790	0.9915	0.9931	0.9643	0.9903	0.9926	0.8597
15.0	0.9938	0.9721	0.9940	0.9950	0.9649	0.9936	0.9947	0.7588
15.1	0.9952	0.9525	0.9955	0.9962	0.9660	0.9936	0.9960	0.6049
15.2	0.9926	0.9160	0.9948	0.9952	0.9465	0.9921	0.9948	0.4936
15.3	0.9943	0.9097	0.9964	0.9966	0.9290	0.9931	0.9964	0.5592
15.4	0.9946	0.9095	0.9969	0.9969	0.9220	0.9920	0.9967	0.5401
15.5	0.9932	0.9099	0.9978	0.9973	0.8773	0.9942	0.9971	0.5289
15.6	0.9922	0.9164	0.9976	0.9968	0.8290	0.9944	0.9966	0.5418
15.7	0.9906	0.9361	0.9983	0.9972	0.7579	0.9960	0.9970	0.5847
15.8	0.9890	0.9466	0.9981	0.9974	0.6193	0.9913	0.9970	0.6104
15.9	0.9870	0.9288	0.9984	0.9972	0.5449	0.9921	0.9967	0.5339
16.0	0.9831	0.9097	0.9987	0.9970	0.4245	0.9932	0.9964	0.5857
16.1	0.9862	0.8301	0.9988	0.9973	0.3362	0.9944	0.9970	0.6313
16.2	0.9884	0.8129	0.9992	0.9981	0.2488	0.9928	0.9978	0.7784
16.3	0.9906	0.8725	0.9995	0.9986	0.3045	0.9912	0.9980	0.8378
16.4	0.9883	0.8821	0.9993	0.9976	0.1811	0.9874	0.9971	0.8178
16.5	0.9908	0.8825	0.9994	0.9980	0.2955	0.9864	0.9975	0.8487

16.6	0.9907	0.8892	0.9994	0.9981	0.3232	0.9852	0.9974	0.8318
16.7	0.9876	0.8719	0.9994	0.9975	0.3322	0.9860	0.9958	0.8029
16.8	0.9848	0.8517	0.9994	0.9971	0.4413	0.9850	0.9954	0.8174
16.9	0.9837	0.8583	0.9994	0.9970	0.5522	0.9823	0.9957	0.8442
17.0	0.9885	0.7737	0.9994	0.9979	0.6474	0.9795	0.9970	0.8890
17.1	0.9917	0.5365	0.9995	0.9979	0.6529	0.9794	0.9974	0.8900
17.2	0.9897	0.7177	0.9995	0.9975	0.7205	0.9849	0.9970	0.8685
17.3	0.9909	0.7424	0.9995	0.9980	0.7188	0.9857	0.9976	0.8835
17.4	0.9898	0.7503	0.9997	0.9980	0.7226	0.9777	0.9979	0.8994
17.5	0.9891	0.8113	0.9997	0.9973	0.7315	0.9786	0.9971	0.8943
17.6	0.9908	0.8181	0.9998	0.9976	0.7869	0.9822	0.9974	0.9004
17.7	0.9922	0.7304	0.9997	0.9978	0.7898	0.9809	0.9979	0.8923
17.8	0.9900	0.6252	0.9995	0.9978	0.8022	0.9705	0.9978	0.8726
17.9	0.9892	0.5263	0.9994	0.9974	0.8318	0.9720	0.9977	0.8687
18.0	0.9914	0.4109	0.9995	0.9972	0.8432	0.9700	0.9977	0.8819
18.1	0.9939	0.4589	0.9996	0.9977	0.8583	0.9758	0.9984	0.8973
18.2	0.9940	0.4060	0.9994	0.9978	0.8663	0.9775	0.9987	0.8575
18.3	0.9941	0.3116	0.9994	0.9978	0.8734	0.9738	0.9982	0.8394
18.4	0.9924	0.1771	0.9995	0.9970	0.8676	0.9575	0.9978	0.7908
18.5	0.9937	0.2791	0.9997	0.9966	0.9054	0.9394	0.9984	0.8373
18.6	0.9925	0.1945	0.9996	0.9934	0.8754	0.9097	0.9974	0.8304
18.7	0.9917	0.1225	0.9994	0.9948	0.7936	0.8889	0.9974	0.7714
18.8	0.9910	0.0397	0.9995	0.9965	0.6929	0.8862	0.9976	0.6111
18.9	0.9907	0.1487	0.9994	0.9963	0.5052	0.8748	0.9972	0.3410
19.0	0.9911	0.2592	0.9992	0.9959	0.3736	0.8428	0.9969	0.1643
19.1	0.9937	0.4570	0.9995	0.9962	0.3574	0.8431	0.9975	0.0778
19.2	0.9928	0.5640	0.9996	0.9955	0.3730	0.8530	0.9969	0.0114
19.3	0.9905	0.6644	0.9996	0.9948	0.4175	0.8615	0.9955	0.0109
19.4	0.9908	0.7819	0.9996	0.9951	0.5050	0.9098	0.9963	0.0623
19.5	0.9914	0.7830	0.9995	0.9950	0.5550	0.9076	0.9954	0.1086
19.6	0.9930	0.8468	0.9996	0.9948	0.5861	0.9310	0.9958	0.1954
19.7	0.9920	0.8459	0.9994	0.9952	0.5368	0.9154	0.9952	0.2723
19.8	0.9945	0.8658	0.9996	0.9964	0.5956	0.9338	0.9967	0.4397
19.9	0.9921	0.8423	0.9995	0.9950	0.5369	0.9407	0.9936	0.3706
20.0	0.9945	0.8488	0.9996	0.9957	0.5362	0.9722	0.9958	0.5410
20.1	0.9942	0.8705	0.9996	0.9954	0.5577	0.9736	0.9961	0.6427
20.2	0.9950	0.8994	0.9997	0.9967	0.6000	0.9672	0.9957	0.6922
20.3	0.9907	0.7888	0.9995	0.9930	0.3224	0.9447	0.9934	0.5418
20.4	0.9952	0.8368	0.9996	0.9953	0.3058	0.9627	0.9953	0.7091
20.5	0.9968	0.8983	0.9996	0.9961	0.5318	0.9650	0.9960	0.7027
20.6	0.9973	0.9008	0.9997	0.9977	0.5015	0.9679	0.9967	0.5950
20.7	0.9962	0.8695	0.9997	0.9973	0.4905	0.9668	0.9965	0.5442
20.8	0.9961	0.8791	0.9996	0.9966	0.4939	0.9727	0.9970	0.4848
20.9	0.9947	0.8731	0.9996	0.9952	0.4546	0.9712	0.9957	0.3883
21.0	0.9943	0.8480	0.9996	0.9944	0.4164	0.9684	0.9953	0.4003
21.1	0.9951	0.8947	0.9997	0.9957	0.5497	0.9681	0.9956	0.4281
21.2	0.9962	0.9205	0.9997	0.9959	0.5366	0.9726	0.9963	0.4555
21.3	0.9967	0.9307	0.9996	0.9959	0.6140	0.9773	0.9972	0.3933
21.4	0.9972	0.9465	0.9997	0.9969	0.6444	0.9844	0.9980	0.4472
21.5	0.9969	0.9248	0.9997	0.9963	0.5587	0.9849	0.9974	0.4599
21.6	0.9979	0.9491	0.9997	0.9973	0.6123	0.9914	0.9985	0.5569
21.7	0.9974	0.9410	0.9996	0.9957	0.5943	0.9884	0.9979	0.4985
21.8	0.9966	0.9371	0.9996	0.9956	0.6281	0.9887	0.9981	0.4264
21.9	0.9952	0.9268	0.9993	0.9953	0.5230	0.9854	0.9976	0.3557
22.0	0.9977	0.9543	0.9994	0.9958	0.4875	0.9910	0.9978	0.5422
22.1	0.9981	0.9572	0.9995	0.9962	0.5808	0.9912	0.9982	0.5260
22.2	0.9976	0.9598	0.9996	0.9974	0.5184	0.9930	0.9984	0.5517
22.3	0.9973	0.9632	0.9997	0.9971	0.4257	0.9932	0.9982	0.6116
22.4	0.9981	0.9656	0.9997	0.9969	0.3952	0.9950	0.9984	0.5805
22.5	0.9986	0.9626	0.9997	0.9973	0.3599	0.9951	0.9986	0.5084
22.6	0.9981	0.9317	0.9996	0.9965	0.2379	0.9951	0.9980	0.4444
22.7	0.9983	0.9386	0.9996	0.9956	0.3536	0.9966	0.9978	0.5356
22.8	0.9989	0.9416	0.9996	0.9965	0.5133	0.9968	0.9977	0.6002
22.9	0.9991	0.9373	0.9997	0.9970	0.6006	0.9963	0.9984	0.5333
23.0	0.9989	0.9289	0.9997	0.9979	0.7201	0.9965	0.9988	0.6042
23.1	0.9988	0.9330	0.9997	0.9967	0.7154	0.9956	0.9984	0.5449
23.2	0.9990	0.9413	0.9997	0.9973	0.7513	0.9967	0.9986	0.5237
23.3	0.9990	0.9428	0.9997	0.9975	0.7701	0.9964	0.9989	0.4985
23.4	0.9991	0.9515	0.9997	0.9978	0.7810	0.9963	0.9988	0.3979
23.5	0.9988	0.9279	0.9996	0.9974	0.7291	0.9947	0.9983	0.2474
23.6	0.9992	0.9617	0.9997	0.9978	0.8693	0.9968	0.9987	0.3204
23.7	0.9991	0.9471	0.9998	0.9978	0.9001	0.9961	0.9988	0.3701
23.8	0.9991	0.9044	0.9998	0.9972	0.8934	0.9933	0.9989	0.2448
23.9	0.9992	0.8848	0.9997	0.9978	0.9070	0.9922	0.9991	0.0997
24.0	0.9990	0.9104	0.9997	0.9982	0.9185	0.9922	0.9990	0.0790
24.1	0.9987	0.8945	0.9997	0.9979	0.8992	0.9867	0.9989	0.0681
24.2	0.9989	0.9349	0.9997	0.9985	0.9438	0.9880	0.9989	0.0394
24.3	0.9986	0.8827	0.9997	0.9979	0.9343	0.9822	0.9988	0.0619
24.4	0.9984	0.8643	0.9997	0.9982	0.9222	0.9818	0.9990	0.2003
24.5	0.9980	0.8435	0.9996	0.9981	0.9332	0.9793	0.9987	0.2393
24.6	0.9985	0.8492	0.9997	0.9984	0.9368	0.9823	0.9987	0.2585
24.7	0.9987	0.8932	0.9997	0.9986	0.9355	0.9894	0.9989	0.2127
24.8	0.9989	0.9203	0.9998	0.9989	0.9300	0.9930	0.9988	0.1557
24.9	0.9988	0.8583	0.9996	0.9987	0.9277	0.9919	0.9989	0.2278
25.0	0.9990	0.7807	0.9997	0.9989	0.9360	0.9930	0.9992	0.3267
25.1	0.9991	0.7817	0.9997	0.9989	0.9444	0.9914	0.9993	0.2019

25.2	0.9989	0.7130	0.9997	0.9988	0.9528	0.9894	0.9992	0.2813
25.3	0.9986	0.6813	0.9998	0.9989	0.9606	0.9891	0.9991	0.4456
25.4	0.9989	0.6623	0.9998	0.9991	0.9601	0.9907	0.9992	0.2903
25.5	0.9987	0.4305	0.9998	0.9990	0.9656	0.9871	0.9992	0.2864
25.6	0.9987	0.3388	0.9997	0.9991	0.9621	0.9863	0.9992	0.3432
25.7	0.9984	0.1573	0.9997	0.9988	0.9472	0.9818	0.9991	0.3496
25.8	0.9988	0.0869	0.9997	0.9989	0.9615	0.9906	0.9994	0.3730
25.9	0.9989	0.4540	0.9997	0.9989	0.9666	0.9933	0.9995	0.3222
26.0	0.9986	0.5662	0.9996	0.9989	0.9660	0.9917	0.9991	0.2483
26.1	0.9985	0.6155	0.9996	0.9989	0.9596	0.9917	0.9990	0.2526
26.2	0.9989	0.8128	0.9996	0.9991	0.9632	0.9938	0.9993	0.4387
26.3	0.9993	0.8842	0.9997	0.9990	0.9669	0.9934	0.9995	0.5622
26.4	0.9992	0.8748	0.9997	0.9991	0.9638	0.9918	0.9993	0.6708
26.5	0.9994	0.8808	0.9997	0.9992	0.9719	0.9877	0.9994	0.7911
26.6	0.9992	0.8981	0.9996	0.9992	0.9525	0.9875	0.9992	0.8517
26.7	0.9990	0.8919	0.9996	0.9991	0.9449	0.9884	0.9993	0.8921
26.8	0.9993	0.9239	0.9996	0.9991	0.9545	0.9914	0.9993	0.9242
26.9	0.9992	0.9257	0.9995	0.9990	0.9514	0.9958	0.9993	0.9435
27.0	0.9990	0.9262	0.9995	0.9989	0.9177	0.9966	0.9992	0.9257
27.1	0.9991	0.9372	0.9996	0.9993	0.9359	0.9974	0.9992	0.9466
27.2	0.9990	0.9121	0.9994	0.9992	0.9000	0.9963	0.9992	0.9354
27.3	0.9990	0.9020	0.9995	0.9990	0.8874	0.9968	0.9991	0.9484
27.4	0.9991	0.9063	0.9996	0.9990	0.8773	0.9969	0.9989	0.9563
27.5	0.9989	0.8701	0.9995	0.9989	0.8582	0.9970	0.9991	0.9580
27.6	0.9988	0.8637	0.9993	0.9986	0.8275	0.9958	0.9989	0.9518
27.7	0.9992	0.9364	0.9992	0.9991	0.8922	0.9978	0.9990	0.9697
27.8	0.9989	0.9112	0.9988	0.9988	0.8695	0.9963	0.9989	0.9615
27.9	0.9989	0.8912	0.9990	0.9988	0.9127	0.9970	0.9990	0.9544
28.0	0.9988	0.8842	0.9990	0.9986	0.9016	0.9958	0.9987	0.9557
28.1	0.9988	0.8986	0.9993	0.9983	0.9095	0.9971	0.9987	0.9591
28.2	0.9983	0.9231	0.9991	0.9977	0.9096	0.9975	0.9988	0.9540
28.3	0.9988	0.9411	0.9992	0.9985	0.9345	0.9981	0.9987	0.9557
28.4	0.9989	0.9184	0.9989	0.9988	0.9381	0.9982	0.9986	0.9215
28.5	0.9987	0.9048	0.9986	0.9989	0.8735	0.9982	0.9984	0.8857
28.6	0.9991	0.9453	0.9989	0.9991	0.8847	0.9983	0.9990	0.9210
28.7	0.9989	0.9419	0.9989	0.9988	0.8227	0.9985	0.9985	0.9216
28.8	0.9985	0.9217	0.9989	0.9984	0.7544	0.9974	0.9981	0.9129
28.9	0.9984	0.9112	0.9986	0.9983	0.7321	0.9975	0.9981	0.8926
29.0	0.9979	0.8845	0.9989	0.9979	0.6528	0.9967	0.9979	0.9025
29.1	0.9985	0.9259	0.9992	0.9986	0.7079	0.9969	0.9983	0.9021
29.2	0.9984	0.9301	0.9991	0.9988	0.7664	0.9967	0.9985	0.8833
29.3	0.9977	0.9150	0.9988	0.9986	0.7979	0.9963	0.9983	0.8377
29.4	0.9980	0.9289	0.9987	0.9984	0.8432	0.9955	0.9978	0.8324
29.5	0.9981	0.9253	0.9989	0.9982	0.8911	0.9953	0.9982	0.8653
29.6	0.9987	0.9538	0.9992	0.9986	0.9427	0.9975	0.9988	0.8872
29.7	0.9989	0.9584	0.9992	0.9983	0.9497	0.9975	0.9987	0.8788
29.8	0.9987	0.9129	0.9987	0.9975	0.9342	0.9963	0.9978	0.8480
29.9	0.9987	0.6802	0.9989	0.9973	0.9448	0.9938	0.9980	0.8256
30.0	0.9988	0.6933	0.9992	0.9974	0.9426	0.9954	0.9984	0.7843
30.1	0.9988	0.8823	0.9992	0.9980	0.9669	0.9974	0.9987	0.7674
30.2	0.9988	0.8159	0.9991	0.9981	0.9560	0.9967	0.9987	0.5809
30.3	0.9989	0.7781	0.9994	0.9984	0.9414	0.9950	0.9986	0.3046
30.4	0.9983	0.7411	0.9994	0.9983	0.8957	0.9924	0.9986	0.0932
30.5	0.9983	0.8408	0.9991	0.9977	0.8620	0.9897	0.9984	0.4895
30.6	0.9991	0.9081	0.9993	0.9985	0.9525	0.9953	0.9991	0.7498
30.7	0.9991	0.9253	0.9993	0.9987	0.9599	0.9955	0.9990	0.7101
30.8	0.9984	0.8948	0.9992	0.9984	0.9666	0.9943	0.9985	0.6163
30.9	0.9979	0.8666	0.9989	0.9975	0.9639	0.9949	0.9982	0.5772
31.0	0.9975	0.8745	0.9992	0.9976	0.9706	0.9938	0.9980	0.4720
31.1	0.9980	0.8774	0.9993	0.9984	0.9736	0.9939	0.9980	0.3396
31.2	0.9979	0.8127	0.9992	0.9980	0.9729	0.9923	0.9982	0.2192
31.3	0.9978	0.6539	0.9992	0.9976	0.9685	0.9908	0.9978	0.0826
31.4	0.9974	0.5176	0.9992	0.9974	0.9643	0.9904	0.9979	0.0536
31.5	0.9976	0.2694	0.9993	0.9971	0.9560	0.9865	0.9970	0.0407
31.6	0.9983	0.1067	0.9994	0.9977	0.9533	0.9860	0.9974	0.0156
31.7	0.9974	0.0310	0.9994	0.9974	0.9543	0.9810	0.9966	0.0838
31.8	0.9973	0.1130	0.9991	0.9965	0.9546	0.9808	0.9963	0.0660
31.9	0.9977	0.4886	0.9993	0.9972	0.9599	0.9760	0.9967	0.1354
32.0	0.9979	0.6572	0.9994	0.9977	0.9580	0.9622	0.9965	0.2168
32.1	0.9978	0.7665	0.9993	0.9971	0.9557	0.9426	0.9950	0.1488
32.2	0.9981	0.8638	0.9994	0.9977	0.9618	0.9331	0.9963	0.0516
32.3	0.9982	0.8920	0.9994	0.9979	0.9559	0.8875	0.9959	0.0925
32.4	0.9979	0.9357	0.9992	0.9974	0.9553	0.7172	0.9942	0.2448
32.5	0.9978	0.9600	0.9994	0.9976	0.9581	0.2901	0.9955	0.4694
32.6	0.9977	0.9592	0.9993	0.9967	0.9638	0.0343	0.9965	0.5093
32.7	0.9983	0.9698	0.9993	0.9978	0.9668	0.5627	0.9969	0.5329
32.8	0.9977	0.9739	0.9994	0.9969	0.9516	0.7595	0.9953	0.4614
32.9	0.9983	0.9716	0.9992	0.9971	0.9556	0.8760	0.9963	0.5960
33.0	0.9986	0.9810	0.9991	0.9967	0.9551	0.9266	0.9972	0.5756
33.1	0.9983	0.9836	0.9989	0.9975	0.9553	0.9405	0.9974	0.5108
33.2	0.9983	0.9830	0.9986	0.9972	0.9546	0.9544	0.9976	0.4002
33.3	0.9987	0.9873	0.9987	0.9979	0.9659	0.9717	0.9979	0.2027
33.4	0.9984	0.9891	0.9989	0.9982	0.9535	0.9784	0.9974	0.1412
33.5	0.9986	0.9919	0.9987	0.9985	0.9337	0.9838	0.9976	0.3474
33.6	0.9982	0.9893	0.9984	0.9974	0.8744	0.9841	0.9975	0.4232
33.7	0.9988	0.9937	0.9989	0.9982	0.7904	0.9877	0.9983	0.4956

33.8	0.9988	0.9914	0.9989	0.9983	0.5377	0.9824	0.9983	0.5125
33.9	0.9986	0.9892	0.9986	0.9980	0.4394	0.9831	0.9986	0.5828
34.0	0.9991	0.9931	0.9990	0.9985	0.7923	0.9850	0.9989	0.7272
34.1	0.9991	0.9922	0.9993	0.9983	0.8812	0.9833	0.9988	0.7561
34.2	0.9991	0.9886	0.9990	0.9980	0.9138	0.9747	0.9981	0.7214
34.3	0.9989	0.9891	0.9989	0.9978	0.9413	0.9710	0.9981	0.7550
34.4	0.9986	0.9913	0.9989	0.9973	0.9549	0.9716	0.9983	0.8279
34.5	0.9976	0.9926	0.9988	0.9968	0.9550	0.9721	0.9967	0.8298
34.6	0.9980	0.9924	0.9988	0.9978	0.9745	0.9761	0.9972	0.8748
34.7	0.9983	0.9941	0.9990	0.9978	0.9796	0.9788	0.9975	0.9040
34.8	0.9980	0.9926	0.9991	0.9971	0.9781	0.9808	0.9969	0.9234
34.9	0.9983	0.9926	0.9993	0.9977	0.9794	0.9819	0.9974	0.9480
35.0	0.9983	0.9919	0.9992	0.9974	0.9791	0.9750	0.9977	0.9538
35.1	0.9984	0.9937	0.9992	0.9972	0.9770	0.9718	0.9978	0.9617
35.2	0.9974	0.9887	0.9986	0.9954	0.9645	0.9515	0.9967	0.9417
35.3	0.9983	0.9899	0.9987	0.9966	0.9740	0.9366	0.9982	0.9472
35.4	0.9976	0.9942	0.9989	0.9956	0.9800	0.9458	0.9977	0.9657
35.5	0.9981	0.9935	0.9988	0.9967	0.9772	0.9402	0.9978	0.9556
35.6	0.9976	0.9927	0.9988	0.9960	0.9790	0.9362	0.9974	0.9574
35.7	0.9974	0.9941	0.9988	0.9959	0.9784	0.9259	0.9974	0.9608
35.8	0.9979	0.9949	0.9990	0.9968	0.9822	0.9489	0.9977	0.9698
35.9	0.9972	0.9948	0.9990	0.9956	0.9707	0.9496	0.9970	0.9681
36.0	0.9968	0.9935	0.9991	0.9951	0.9713	0.9480	0.9970	0.9622
36.1	0.9975	0.9972	0.9992	0.9964	0.9812	0.9694	0.9972	0.9720
36.2	0.9972	0.9958	0.9990	0.9961	0.9794	0.9651	0.9971	0.9687
36.3	0.9970	0.9950	0.9989	0.9951	0.9760	0.9562	0.9968	0.9598
36.4	0.9979	0.9963	0.9990	0.9964	0.9749	0.9571	0.9975	0.9645
36.5	0.9968	0.9957	0.9989	0.9954	0.9798	0.9674	0.9965	0.9657
36.6	0.9967	0.9960	0.9991	0.9954	0.9798	0.9527	0.9964	0.9630
36.7	0.9973	0.9959	0.9989	0.9955	0.9863	0.9548	0.9970	0.9614
36.8	0.9973	0.9954	0.9989	0.9956	0.9856	0.9578	0.9970	0.9670
36.9	0.9968	0.9925	0.9988	0.9951	0.9850	0.9326	0.9962	0.9660
37.0	0.9976	0.9930	0.9989	0.9962	0.9911	0.9480	0.9973	0.9691
37.1	0.9978	0.9955	0.9991	0.9968	0.9933	0.9682	0.9975	0.9811
37.2	0.9962	0.9954	0.9988	0.9945	0.9873	0.9529	0.9957	0.9749
37.3	0.9955	0.9954	0.9986	0.9936	0.9858	0.9527	0.9953	0.9677
37.4	0.9957	0.9951	0.9990	0.9939	0.9849	0.9584	0.9952	0.9741
37.5	0.9950	0.9929	0.9985	0.9932	0.9852	0.9629	0.9948	0.9698
37.6	0.9931	0.9944	0.9982	0.9911	0.9823	0.9711	0.9933	0.9687
37.7	0.9943	0.9932	0.9985	0.9922	0.9863	0.9674	0.9934	0.9754
37.8	0.9925	0.9931	0.9981	0.9906	0.9760	0.9664	0.9921	0.9681
37.9	0.9944	0.9951	0.9985	0.9924	0.9845	0.9714	0.9939	0.9710
38.0	0.9927	0.9916	0.9982	0.9909	0.9731	0.9659	0.9931	0.9455
38.1	0.9953	0.9948	0.9986	0.9935	0.9857	0.9736	0.9948	0.9633
38.2	0.9949	0.9946	0.9985	0.9928	0.9842	0.9716	0.9942	0.9541
38.3	0.9945	0.9940	0.9982	0.9921	0.9782	0.9587	0.9941	0.9427
38.4	0.9960	0.9936	0.9987	0.9934	0.9776	0.9561	0.9945	0.9465
38.5	0.9956	0.9936	0.9987	0.9933	0.9817	0.9585	0.9946	0.9318
38.6	0.9964	0.9957	0.9990	0.9946	0.9863	0.9678	0.9959	0.9439
38.7	0.9966	0.9944	0.9990	0.9945	0.9823	0.9432	0.9957	0.9312
38.8	0.9955	0.9948	0.9987	0.9925	0.9763	0.9128	0.9937	0.9206
38.9	0.9948	0.9958	0.9987	0.9916	0.9775	0.9343	0.9933	0.8869
39.0	0.9942	0.9947	0.9986	0.9912	0.9782	0.9608	0.9929	0.8841
39.1	0.9941	0.9952	0.9985	0.9912	0.9781	0.9618	0.9930	0.8229
39.2	0.9933	0.9925	0.9981	0.9897	0.9642	0.9579	0.9915	0.7067
39.3	0.9924	0.9914	0.9983	0.9871	0.9527	0.9483	0.9889	0.5632
39.4	0.9933	0.9922	0.9984	0.9890	0.9713	0.9658	0.9911	0.4839
39.5	0.9922	0.9897	0.9981	0.9883	0.9628	0.9724	0.9897	0.4631
39.6	0.9937	0.9933	0.9988	0.9907	0.9683	0.9773	0.9918	0.3467
39.7	0.9951	0.9932	0.9989	0.9930	0.9729	0.9836	0.9939	0.4125
39.8	0.9943	0.9901	0.9988	0.9916	0.9596	0.9790	0.9933	0.5857
39.9	0.9925	0.9856	0.9987	0.9885	0.9586	0.9778	0.9917	0.5579
40.0	0.9927	0.9879	0.9984	0.9896	0.9700	0.9810	0.9918	0.6475
40.1	0.9915	0.9833	0.9985	0.9881	0.9576	0.9796	0.9901	0.6465
40.2	0.9918	0.9787	0.9984	0.9876	0.9583	0.9749	0.9907	0.4623
40.3	0.9908	0.9836	0.9984	0.9859	0.9641	0.9755	0.9897	0.4932
40.4	0.9876	0.9703	0.9969	0.9790	0.9593	0.9677	0.9856	0.6159
40.5	0.9918	0.9640	0.9972	0.9850	0.9527	0.9730	0.9900	0.6805
40.6	0.9906	0.9600	0.9975	0.9828	0.9505	0.9744	0.9894	0.6878
40.7	0.9933	0.9679	0.9982	0.9881	0.9710	0.9844	0.9921	0.8637
40.8	0.9932	0.9685	0.9981	0.9883	0.9680	0.9817	0.9920	0.8897
40.9	0.9909	0.9270	0.9983	0.9831	0.9579	0.9790	0.9912	0.8330
41.0	0.9915	0.9199	0.9988	0.9860	0.9773	0.9773	0.9914	0.8761
41.1	0.9914	0.8541	0.9986	0.9853	0.9756	0.9751	0.9904	0.8287
41.2	0.9895	0.8286	0.9985	0.9817	0.9782	0.9684	0.9896	0.9029
41.3	0.9888	0.8989	0.9985	0.9808	0.9759	0.9738	0.9905	0.9153
41.4	0.9887	0.8636	0.9985	0.9816	0.9686	0.9698	0.9918	0.9158
41.5	0.9899	0.9006	0.9985	0.9839	0.9778	0.9653	0.9922	0.8846
41.6	0.9881	0.9228	0.9983	0.9821	0.9794	0.9688	0.9903	0.8569
41.7	0.9900	0.9067	0.9983	0.9842	0.9798	0.9617	0.9913	0.8209
41.8	0.9850	0.9007	0.9979	0.9799	0.9808	0.9803	0.9886	0.6726
41.9	0.9841	0.8596	0.9980	0.9804	0.9803	0.9834	0.9892	0.7496
42.0	0.9857	0.9189	0.9982	0.9849	0.9784	0.9843	0.9916	0.8906
42.1	0.9834	0.9460	0.9982	0.9844	0.9783	0.9811	0.9900	0.9212
42.2	0.9836	0.9556	0.9977	0.9842	0.9728	0.9716	0.9901	0.9326
42.3	0.9829	0.9626	0.9976	0.9829	0.9742	0.9805	0.9872	0.9303

42.4	0.9811	0.9754	0.9978	0.9825	0.9806	0.9907	0.9883	0.9535
42.5	0.9776	0.9736	0.9973	0.9809	0.9807	0.9887	0.9877	0.9516
42.6	0.9801	0.9802	0.9976	0.9835	0.9833	0.9898	0.9899	0.9448
42.7	0.9774	0.9621	0.9972	0.9796	0.9785	0.9676	0.9855	0.8426
42.8	0.9711	0.9534	0.9968	0.9708	0.9740	0.9436	0.9779	0.6365
42.9	0.9808	0.9701	0.9981	0.9837	0.9800	0.9829	0.9868	0.8945
43.0	0.9800	0.9752	0.9983	0.9840	0.9814	0.9922	0.9879	0.9312
43.1	0.9655	0.9508	0.9971	0.9785	0.9767	0.9820	0.9850	0.8869
43.2	0.9506	0.9433	0.9966	0.9789	0.9608	0.9644	0.9857	0.8074
43.3	0.9536	0.9638	0.9969	0.9777	0.9611	0.9771	0.9819	0.8951
43.4	0.9749	0.9573	0.9977	0.9852	0.9694	0.9874	0.9859	0.9544
43.5	0.9807	0.9528	0.9980	0.9818	0.9668	0.9846	0.9831	0.9518
43.6	0.9698	0.9516	0.9972	0.9802	0.9800	0.9872	0.9846	0.9651
43.7	0.9702	0.9668	0.9966	0.9821	0.9840	0.9861	0.9856	0.9777
43.8	0.9730	0.9710	0.9962	0.9829	0.9822	0.9868	0.9869	0.9672
43.9	0.9725	0.9600	0.9964	0.9850	0.9875	0.9911	0.9896	0.9584
44.0	0.9750	0.9552	0.9963	0.9872	0.9752	0.9936	0.9897	0.9347
44.1	0.9765	0.9697	0.9969	0.9865	0.9593	0.9912	0.9868	0.9607
44.2	0.9745	0.9763	0.9976	0.9872	0.9822	0.9899	0.9883	0.9741
44.3	0.9544	0.9698	0.9972	0.9838	0.9884	0.9902	0.9883	0.9829
44.4	0.9525	0.9754	0.9970	0.9852	0.9880	0.9821	0.9891	0.9812
44.5	0.9445	0.9730	0.9970	0.9852	0.9847	0.9864	0.9885	0.9734
44.6	0.9281	0.9639	0.9968	0.9832	0.9769	0.9906	0.9818	0.9488
44.7	0.9329	0.9612	0.9972	0.9821	0.9819	0.9893	0.9855	0.9378
44.8	0.9261	0.9522	0.9977	0.9791	0.9849	0.9802	0.9853	0.9248
44.9	0.9164	0.9270	0.9976	0.9797	0.9779	0.9508	0.9790	0.9255
45.0	0.9415	0.9689	0.9975	0.9846	0.9875	0.9795	0.9852	0.9680
45.1	0.9409	0.9733	0.9977	0.9856	0.9890	0.9925	0.9870	0.9709
45.2	0.9334	0.9711	0.9987	0.9840	0.9877	0.9947	0.9873	0.9755
45.3	0.8960	0.9761	0.9984	0.9828	0.9841	0.9907	0.9845	0.9655
45.4	0.8841	0.9756	0.9985	0.9796	0.9784	0.9819	0.9782	0.9600
45.5	0.8446	0.9621	0.9985	0.9663	0.9710	0.9713	0.9674	0.9476
45.6	0.8673	0.9546	0.9979	0.9652	0.9723	0.9787	0.9700	0.9575
45.7	0.9136	0.9735	0.9982	0.9821	0.9832	0.9782	0.9822	0.9685
45.8	0.9344	0.9847	0.9985	0.9857	0.9886	0.9793	0.9877	0.9764
45.9	0.9434	0.9882	0.9989	0.9889	0.9901	0.9918	0.9908	0.9787
46.0	0.9116	0.9847	0.9985	0.9860	0.9883	0.9943	0.9874	0.9729
46.1	0.8968	0.9877	0.9987	0.9858	0.9892	0.9947	0.9873	0.9783
46.2	0.8646	0.9848	0.9985	0.9804	0.9857	0.9791	0.9799	0.9761
46.3	0.9094	0.9871	0.9988	0.9869	0.9895	0.9874	0.9864	0.9780
46.4	0.9177	0.9893	0.9990	0.9852	0.9927	0.9938	0.9868	0.9741
46.5	0.9276	0.9858	0.9991	0.9838	0.9900	0.9918	0.9842	0.9644
46.6	0.9334	0.9921	0.9990	0.9830	0.9822	0.9812	0.9781	0.9696
46.7	0.9151	0.9912	0.9988	0.9792	0.9777	0.9649	0.9746	0.9777
46.8	0.9156	0.9937	0.9994	0.9821	0.9902	0.9855	0.9845	0.9893
46.9	0.9227	0.9934	0.9989	0.9845	0.9929	0.9933	0.9882	0.9886
47.0	0.9050	0.9949	0.9983	0.9806	0.9880	0.9947	0.9848	0.9788
47.1	0.9275	0.9905	0.9988	0.9799	0.9797	0.9888	0.9817	0.9776
47.2	0.9440	0.9921	0.9990	0.9860	0.9832	0.9893	0.9884	0.9854
47.3	0.9267	0.9940	0.9987	0.9820	0.9868	0.9878	0.9861	0.9885
47.4	0.9182	0.9940	0.9987	0.9816	0.9861	0.9884	0.9870	0.9869
47.5	0.9125	0.9917	0.9990	0.9782	0.9849	0.9851	0.9823	0.9838
47.6	0.9374	0.9936	0.9988	0.9829	0.9870	0.9924	0.9853	0.9848
47.7	0.9526	0.9951	0.9988	0.9829	0.9859	0.9761	0.9835	0.9828
47.8	0.9523	0.9932	0.9990	0.9821	0.9873	0.9842	0.9838	0.9830
47.9	0.9471	0.9940	0.9990	0.9795	0.9908	0.9896	0.9834	0.9861
48.0	0.9442	0.9931	0.9990	0.9769	0.9825	0.9836	0.9781	0.9831
48.1	0.9437	0.9945	0.9989	0.9767	0.9846	0.9920	0.9791	0.9834
48.2	0.9398	0.9921	0.9986	0.9727	0.9852	0.9890	0.9749	0.9793
48.3	0.9332	0.9916	0.9984	0.9692	0.9826	0.9706	0.9694	0.9680
48.4	0.9650	0.9949	0.9986	0.9816	0.9885	0.9828	0.9805	0.9764
48.5	0.9696	0.9950	0.9988	0.9838	0.9921	0.9896	0.9861	0.9837
48.6	0.9618	0.9937	0.9988	0.9772	0.9913	0.9904	0.9782	0.9754
48.7	0.9617	0.9924	0.9988	0.9765	0.9876	0.9929	0.9778	0.9722
48.8	0.9585	0.9874	0.9986	0.9711	0.9847	0.9886	0.9728	0.9556
48.9	0.9526	0.9876	0.9983	0.9695	0.9798	0.9914	0.9717	0.9632
49.0	0.9532	0.9890	0.9980	0.9723	0.9808	0.9896	0.9717	0.9697
49.1	0.9613	0.9890	0.9974	0.9748	0.9846	0.9896	0.9722	0.9588
49.2	0.9582	0.9903	0.9981	0.9782	0.9818	0.9912	0.9761	0.9684
49.3	0.9669	0.9899	0.9989	0.9792	0.9889	0.9922	0.9773	0.9758
49.4	0.9600	0.9895	0.9987	0.9754	0.9874	0.9870	0.9742	0.9744
49.5	0.9590	0.9890	0.9984	0.9728	0.9808	0.9825	0.9668	0.9617
49.6	0.9693	0.9909	0.9985	0.9817	0.9848	0.9831	0.9756	0.9645
49.7	0.9708	0.9921	0.9984	0.9811	0.9823	0.9865	0.9756	0.9653
49.8	0.9710	0.9902	0.9981	0.9764	0.9832	0.9881	0.9696	0.9604
49.9	0.9620	0.9859	0.9975	0.9709	0.9792	0.9895	0.9653	0.9339
50.0	0.9505	0.9839	0.9966	0.9623	0.9728	0.9936	0.9531	0.8993
50.1	0.9420	0.9764	0.9957	0.9537	0.9746	0.9935	0.9412	0.8628
50.2	0.9623	0.9823	0.9971	0.9698	0.9802	0.9950	0.9588	0.8597
50.3	0.9671	0.9798	0.9974	0.9738	0.9824	0.9955	0.9628	0.8561
50.4	0.9654	0.9793	0.9969	0.9696	0.9785	0.9791	0.9566	0.8543
50.5	0.9675	0.9823	0.9973	0.9710	0.9816	0.9757	0.9607	0.8497
50.6	0.9605	0.9788	0.9963	0.9661	0.9767	0.9869	0.9517	0.8384
50.7	0.9431	0.9671	0.9938	0.9481	0.9691	0.9905	0.9293	0.7859
50.8	0.9410	0.9609	0.9924	0.9460	0.9570	0.9882	0.9282	0.7868
50.9	0.9508	0.9647	0.9935	0.9503	0.9709	0.9901	0.9326	0.8443

51.0	0.9561	0.9684	0.9944	0.9523	0.9789	0.9933	0.9307	0.8927
51.1	0.9534	0.9576	0.9929	0.9492	0.9759	0.9898	0.9215	0.8678
51.2	0.9548	0.9513	0.9927	0.9484	0.9758	0.9907	0.9226	0.8848
51.3	0.9623	0.9453	0.9937	0.9549	0.9787	0.9901	0.9336	0.9011
51.4	0.9654	0.9252	0.9936	0.9557	0.9760	0.9911	0.9289	0.9019
51.5	0.9610	0.8995	0.9917	0.9505	0.9736	0.9913	0.9187	0.8965
51.6	0.9354	0.7603	0.9861	0.9210	0.9545	0.9801	0.8746	0.8627
51.7	0.9458	0.7655	0.9894	0.9355	0.9628	0.9860	0.8948	0.8965
51.8	0.9560	0.8628	0.9891	0.9446	0.9683	0.9886	0.9023	0.8977
51.9	0.9616	0.8602	0.9905	0.9509	0.9615	0.9810	0.9060	0.8646
52.0	0.9678	0.7908	0.9927	0.9602	0.9699	0.9846	0.9228	0.9236
52.1	0.9621	0.6773	0.9914	0.9530	0.9696	0.9812	0.9124	0.9229
52.2	0.9521	0.6564	0.9906	0.9346	0.9525	0.9763	0.8775	0.9025
52.3	0.9492	0.7923	0.9878	0.9254	0.9416	0.9793	0.8598	0.8955
52.4	0.9208	0.7784	0.9827	0.8869	0.9138	0.9691	0.7860	0.8046
52.5	0.9369	0.5729	0.9885	0.9118	0.9215	0.9610	0.8357	0.7913
52.6	0.9447	0.3311	0.9886	0.9250	0.9149	0.9597	0.8537	0.6935
52.7	0.9391	0.0166	0.9879	0.9183	0.9048	0.9685	0.8385	0.7336
52.8	0.9452	0.5733	0.9896	0.9246	0.9309	0.9753	0.8542	0.8875
52.9	0.9568	0.8217	0.9916	0.9387	0.9575	0.9799	0.8842	0.9448
53.0	0.9535	0.8175	0.9918	0.9376	0.9458	0.9813	0.8643	0.9302
53.1	0.9525	0.8191	0.9895	0.9351	0.9312	0.9823	0.8478	0.9145
53.2	0.9500	0.8439	0.9859	0.9266	0.9251	0.9834	0.8270	0.9107
53.3	0.9539	0.8925	0.9878	0.9275	0.9254	0.9853	0.8224	0.9136
53.4	0.9596	0.9362	0.9890	0.9372	0.9401	0.9865	0.8403	0.9304
53.5	0.9574	0.9192	0.9898	0.9380	0.9407	0.9797	0.8020	0.9353
53.6	0.9547	0.8925	0.9898	0.9355	0.9302	0.9707	0.8040	0.9277
53.7	0.9550	0.9007	0.9895	0.9344	0.9249	0.9642	0.8376	0.9294
53.8	0.9624	0.9328	0.9940	0.9490	0.9281	0.9632	0.8638	0.9321
53.9	0.9630	0.9287	0.9923	0.9490	0.9195	0.9561	0.8695	0.9334
54.0	0.9622	0.9088	0.9939	0.9504	0.8905	0.9465	0.8662	0.9076
54.1	0.9400	0.8296	0.9905	0.9131	0.7564	0.8546	0.8188	0.7742
54.2	0.9341	0.8672	0.9905	0.8968	0.7238	0.9039	0.8194	0.7486
54.3	0.9557	0.9392	0.9937	0.9345	0.8681	0.9595	0.8468	0.8977
54.4	0.9706	0.9649	0.9955	0.9493	0.9085	0.9765	0.8863	0.9312
54.5	0.9671	0.9689	0.9958	0.9522	0.9038	0.9748	0.8845	0.9319
54.6	0.9617	0.9605	0.9939	0.9377	0.8644	0.9802	0.8539	0.9087
54.7	0.9608	0.9549	0.9916	0.9359	0.8456	0.9801	0.8718	0.8970
54.8	0.9689	0.9649	0.9938	0.9544	0.8759	0.9814	0.9014	0.9208
54.9	0.9791	0.9745	0.9952	0.9650	0.9049	0.9839	0.8979	0.9459
55.0	0.9760	0.9766	0.9939	0.9614	0.9124	0.9869	0.8487	0.9537
55.1	0.9705	0.9724	0.9910	0.9483	0.8592	0.9913	0.8281	0.9298
55.2	0.9677	0.9559	0.9886	0.9376	0.8105	0.9911	0.8028	0.9046
55.3	0.9728	0.9483	0.9920	0.9423	0.8029	0.9939	0.8324	0.9007
55.4	0.9783	0.8978	0.9914	0.9514	0.6896	0.9949	0.8674	0.8443
55.5	0.9837	0.9118	0.9900	0.9601	0.4993	0.9946	0.9006	0.8440
55.6	0.9747	0.9509	0.9881	0.9462	0.6601	0.9916	0.8526	0.9023
55.7	0.9751	0.9662	0.9900	0.9509	0.7094	0.9913	0.8735	0.9177
55.8	0.9740	0.9661	0.9876	0.9463	0.7435	0.9896	0.8629	0.9300
55.9	0.9782	0.9582	0.9878	0.9560	0.7709	0.9911	0.8849	0.9361
56.0	0.9773	0.9589	0.9907	0.9653	0.8024	0.9895	0.9167	0.9346
56.1	0.9757	0.9546	0.9869	0.9616	0.8517	0.9897	0.9076	0.9485
56.2	0.9763	0.9588	0.9860	0.9608	0.8239	0.9888	0.9129	0.9545
56.3	0.9628	0.9484	0.9833	0.9405	0.7688	0.9843	0.8719	0.9494
56.4	0.9612	0.9465	0.9802	0.9398	0.7977	0.9829	0.8852	0.9482
56.5	0.9772	0.9626	0.9832	0.9630	0.8697	0.9888	0.9275	0.9557
56.6	0.9714	0.9532	0.9838	0.9570	0.8337	0.9864	0.9133	0.9558
56.7	0.9551	0.9113	0.9750	0.9310	0.7585	0.9807	0.8668	0.9524
56.8	0.9608	0.9052	0.9772	0.9376	0.7650	0.9816	0.8838	0.9543
56.9	0.9705	0.8858	0.9746	0.9580	0.8308	0.9818	0.9173	0.9515
57.0	0.9731	0.8660	0.9805	0.9614	0.8307	0.9868	0.9273	0.9428
57.1	0.9709	0.8766	0.9767	0.9622	0.8700	0.9855	0.9220	0.9371
57.2	0.9770	0.8836	0.9808	0.9686	0.8671	0.9872	0.9312	0.9468
57.3	0.9816	0.8823	0.9813	0.9753	0.8632	0.9882	0.9506	0.9424
57.4	0.9822	0.8844	0.9782	0.9766	0.8068	0.9881	0.9500	0.9285
57.5	0.9781	0.8563	0.9758	0.9726	0.8185	0.9856	0.9477	0.9472
57.6	0.9815	0.8504	0.9795	0.9760	0.7951	0.9883	0.9547	0.9388
57.7	0.9798	0.8014	0.9825	0.9770	0.7707	0.9876	0.9574	0.9385
57.8	0.9711	0.7530	0.9681	0.9710	0.7504	0.9809	0.9527	0.9187
57.9	0.9673	0.6819	0.9512	0.9652	0.5454	0.9744	0.9451	0.8766
58.0	0.9697	0.7293	0.9600	0.9679	0.4923	0.9778	0.9536	0.8683
58.1	0.9741	0.7759	0.9560	0.9784	0.5378	0.9804	0.9648	0.8457
58.2	0.9770	0.8061	0.9613	0.9843	0.7314	0.9833	0.9707	0.8392
58.3	0.9829	0.8971	0.9691	0.9878	0.8697	0.9867	0.9728	0.8801
58.4	0.9811	0.8763	0.9662	0.9833	0.8754	0.9864	0.9629	0.9297
58.5	0.9719	0.7937	0.9497	0.9779	0.8087	0.9805	0.9639	0.9095
58.6	0.9711	0.7405	0.9415	0.9824	0.7737	0.9794	0.9752	0.8930
58.7	0.9671	0.7932	0.9248	0.9809	0.7977	0.9755	0.9746	0.8869
58.8	0.9733	0.8091	0.9299	0.9869	0.8021	0.9803	0.9768	0.8803
58.9	0.9779	0.8070	0.9367	0.9902	0.7812	0.9807	0.9800	0.8727
59.0	0.9773	0.6435	0.9283	0.9849	0.7146	0.9792	0.9733	0.8649
59.1	0.9672	0.5581	0.9016	0.9769	0.6480	0.9736	0.9656	0.8222
59.2	0.9703	0.7074	0.8871	0.9793	0.6493	0.9789	0.9651	0.7719
59.3	0.9705	0.7320	0.8933	0.9800	0.6908	0.9775	0.9721	0.7725
59.4	0.9785	0.8219	0.9165	0.9833	0.8104	0.9820	0.9661	0.7942
59.5	0.9791	0.7941	0.9051	0.9828	0.8033	0.9821	0.9576	0.7042

59.6	0.9832	0.8496	0.9008	0.9883	0.8435	0.9853	0.9729	0.6273
59.7	0.9744	0.8163	0.8640	0.9829	0.8190	0.9798	0.9621	0.3906
59.8	0.9784	0.8464	0.8671	0.9832	0.8616	0.9827	0.9417	0.3228
59.9	0.9760	0.8781	0.8689	0.9836	0.9200	0.9830	0.9442	0.2835
60.0	0.9787	0.8989	0.8150	0.9846	0.9307	0.9831	0.8540	0.0876
60.1	0.9767	0.8831	0.8116	0.9849	0.9345	0.9802	0.9178	0.0732
60.2	0.9806	0.9013	0.8297	0.9867	0.9429	0.9838	0.9465	0.2015
60.3	0.9827	0.8996	0.8745	0.9891	0.9449	0.9888	0.9532	0.3585
60.4	0.9809	0.9056	0.8270	0.9879	0.9466	0.9858	0.9543	0.3025
60.5	0.9821	0.9041	0.7965	0.9887	0.9487	0.9817	0.9518	0.3668
60.6	0.9782	0.9307	0.8028	0.9878	0.9627	0.9833	0.9686	0.5512
60.7	0.9809	0.9464	0.7700	0.9899	0.9428	0.9834	0.9653	0.4213
60.8	0.9794	0.9398	0.7599	0.9908	0.9160	0.9835	0.9649	0.3453
60.9	0.9787	0.9564	0.8165	0.9906	0.9255	0.9832	0.9614	0.0773
61.0	0.9726	0.9589	0.7342	0.9881	0.9292	0.9800	0.9588	0.0303
61.1	0.9702	0.9676	0.7282	0.9888	0.9540	0.9795	0.9612	0.2624
61.2	0.9769	0.9835	0.7985	0.9920	0.9733	0.9859	0.9667	0.3554
61.3	0.9785	0.9851	0.8560	0.9921	0.9725	0.9865	0.9559	0.3162
61.4	0.9773	0.9847	0.8168	0.9910	0.9748	0.9824	0.9466	0.3968
61.5	0.9716	0.9849	0.7746	0.9906	0.9766	0.9812	0.9599	0.5286
61.6	0.9703	0.9857	0.8409	0.9891	0.9701	0.9846	0.9602	0.5247
61.7	0.9695	0.9882	0.8078	0.9905	0.9755	0.9869	0.9586	0.6494
61.8	0.9682	0.9893	0.7834	0.9905	0.9778	0.9863	0.9487	0.6739
61.9	0.9647	0.9874	0.7906	0.9865	0.9734	0.9858	0.9400	0.6193
62.0	0.9541	0.9875	0.7393	0.9844	0.9762	0.9811	0.9441	0.6225
62.1	0.9598	0.9877	0.7927	0.9874	0.9791	0.9839	0.9484	0.6714
62.2	0.9533	0.9869	0.7565	0.9877	0.9742	0.9836	0.9406	0.5417
62.3	0.9497	0.9889	0.7246	0.9882	0.9795	0.9832	0.9297	0.4792
62.4	0.9305	0.9847	0.6824	0.9839	0.9710	0.9804	0.9308	0.4756
62.5	0.9511	0.9883	0.7507	0.9884	0.9786	0.9824	0.9578	0.5896
62.6	0.9581	0.9919	0.7705	0.9866	0.9784	0.9866	0.9544	0.5208
62.7	0.9556	0.9898	0.7964	0.9856	0.9768	0.9841	0.9670	0.4291
62.8	0.9567	0.9913	0.8090	0.9881	0.9806	0.9838	0.9740	0.4698
62.9	0.9440	0.9898	0.7778	0.9886	0.9797	0.9792	0.9664	0.4881
63.0	0.9511	0.9934	0.8829	0.9905	0.9848	0.9847	0.9804	0.5523
63.1	0.9587	0.9945	0.8872	0.9924	0.9896	0.9867	0.9806	0.4948
63.2	0.9559	0.9955	0.8732	0.9930	0.9902	0.9846	0.9839	0.4054
63.3	0.9463	0.9928	0.8656	0.9908	0.9888	0.9816	0.9816	0.3748
63.4	0.9493	0.9933	0.9084	0.9917	0.9887	0.9846	0.9845	0.3739
63.5	0.9499	0.9926	0.9057	0.9931	0.9890	0.9829	0.9868	0.3850
63.6	0.9576	0.9939	0.8842	0.9934	0.9896	0.9845	0.9856	0.1892
63.7	0.9451	0.9922	0.8786	0.9917	0.9864	0.9781	0.9827	0.1927
63.8	0.9389	0.9925	0.8970	0.9911	0.9867	0.9713	0.9854	0.2671
63.9	0.9254	0.9899	0.8364	0.9898	0.9841	0.9689	0.9814	0.2795
64.0	0.9392	0.9912	0.8801	0.9925	0.9869	0.9718	0.9852	0.2988
64.1	0.9485	0.9914	0.9018	0.9940	0.9874	0.9733	0.9880	0.4037
64.2	0.9644	0.9919	0.9418	0.9947	0.9894	0.9814	0.9906	0.3582
64.3	0.9624	0.9901	0.9361	0.9935	0.9867	0.9769	0.9879	0.2473
64.4	0.9587	0.9916	0.9279	0.9931	0.9881	0.9741	0.9886	0.2532
64.5	0.9612	0.9917	0.9232	0.9936	0.9880	0.9709	0.9871	0.2081
64.6	0.9529	0.9917	0.9267	0.9938	0.9882	0.9665	0.9859	0.1615
64.7	0.9591	0.9923	0.9207	0.9946	0.9913	0.9758	0.9884	0.2345
64.8	0.9706	0.9940	0.9435	0.9955	0.9940	0.9826	0.9909	0.2253
64.9	0.9663	0.9931	0.9381	0.9955	0.9939	0.9766	0.9894	0.2183
65.0	0.9494	0.9929	0.9338	0.9939	0.9928	0.9690	0.9883	0.3464
65.1	0.9370	0.9925	0.9255	0.9927	0.9893	0.9620	0.9875	0.4175
65.2	0.9358	0.9897	0.9077	0.9919	0.9858	0.9614	0.9875	0.3949
65.3	0.9247	0.9897	0.9263	0.9905	0.9868	0.9630	0.9860	0.5094
65.4	0.9172	0.9941	0.9557	0.9927	0.9884	0.9654	0.9895	0.7227
65.5	0.9078	0.9926	0.9438	0.9922	0.9860	0.9575	0.9895	0.6840
65.6	0.9107	0.9922	0.9436	0.9944	0.9870	0.9610	0.9909	0.6723
65.7	0.9251	0.9920	0.9446	0.9952	0.9877	0.9658	0.9917	0.6766
65.8	0.9429	0.9928	0.9449	0.9949	0.9910	0.9693	0.9924	0.6231
65.9	0.9551	0.9933	0.9489	0.9945	0.9905	0.9710	0.9917	0.6185
66.0	0.9591	0.9940	0.9488	0.9951	0.9911	0.9703	0.9930	0.7127
66.1	0.9497	0.9927	0.9357	0.9938	0.9884	0.9632	0.9908	0.6281
66.2	0.9557	0.9904	0.9200	0.9926	0.9869	0.9576	0.9898	0.6294
66.3	0.9582	0.9860	0.9192	0.9928	0.9839	0.9442	0.9884	0.5197
66.4	0.9675	0.9884	0.9511	0.9930	0.9870	0.9505	0.9930	0.7083
66.5	0.9593	0.9854	0.9166	0.9887	0.9863	0.9379	0.9893	0.7610
66.6	0.9610	0.9856	0.9221	0.9911	0.9888	0.9409	0.9908	0.7675
66.7	0.9610	0.9875	0.9277	0.9935	0.9851	0.9491	0.9917	0.7964
66.8	0.9619	0.9879	0.9047	0.9921	0.9844	0.9453	0.9895	0.7262
66.9	0.9588	0.9833	0.9204	0.9925	0.9831	0.9292	0.9887	0.7480
67.0	0.9667	0.9885	0.9374	0.9937	0.9878	0.9331	0.9922	0.7627
67.1	0.9684	0.9868	0.9444	0.9914	0.9892	0.9492	0.9916	0.8342
67.2	0.9602	0.9780	0.9209	0.9908	0.9850	0.9387	0.9909	0.8086
67.3	0.9676	0.9771	0.9133	0.9927	0.9864	0.9352	0.9911	0.7428
67.4	0.9629	0.9780	0.9340	0.9915	0.9869	0.9158	0.9899	0.7078
67.5	0.9611	0.9757	0.9325	0.9928	0.9853	0.9351	0.9921	0.7613
67.6	0.9679	0.9706	0.9265	0.9920	0.9858	0.9330	0.9914	0.7428
67.7	0.9586	0.9535	0.9364	0.9925	0.9805	0.9124	0.9909	0.7216
67.8	0.9459	0.9348	0.9136	0.9918	0.9799	0.8830	0.9908	0.7026
67.9	0.9074	0.8952	0.8940	0.9866	0.9731	0.8179	0.9824	0.6293
68.0	0.9325	0.9141	0.9173	0.9890	0.9803	0.8456	0.9839	0.7205
68.1	0.9440	0.8996	0.9128	0.9899	0.9837	0.8519	0.9881	0.7566

68.2	0.9155	0.8362	0.8732	0.9862	0.9763	0.8202	0.9815	0.6988
68.3	0.8944	0.6381	0.8681	0.9874	0.9724	0.7299	0.9786	0.7543
68.4	0.9134	0.6213	0.9073	0.9903	0.9777	0.7472	0.9855	0.7672
68.5	0.9312	0.5672	0.9066	0.9896	0.9768	0.7815	0.9828	0.8022
68.6	0.8802	0.3893	0.8601	0.9820	0.9610	0.6116	0.9667	0.7188
68.7	0.9148	0.5026	0.9028	0.9850	0.9764	0.6484	0.9747	0.7552
68.8	0.8994	0.6754	0.9044	0.9850	0.9728	0.5167	0.9750	0.7194
68.9	0.8837	0.7296	0.8999	0.9851	0.9643	0.4301	0.9780	0.7252
69.0	0.8782	0.7446	0.8871	0.9854	0.9558	0.4803	0.9763	0.7369
69.1	0.8811	0.7556	0.8832	0.9873	0.9598	0.4951	0.9716	0.7523
69.2	0.8664	0.7873	0.8731	0.9886	0.9589	0.4530	0.9686	0.7824
69.3	0.8505	0.8334	0.8701	0.9867	0.9473	0.5193	0.9696	0.7841
69.4	0.8736	0.8779	0.8838	0.9892	0.9576	0.6057	0.9776	0.7714
69.5	0.8497	0.9031	0.8800	0.9854	0.9459	0.6274	0.9708	0.7822
69.6	0.8384	0.9174	0.8915	0.9838	0.9282	0.6864	0.9685	0.7925
69.7	0.8124	0.9073	0.8844	0.9813	0.8986	0.7097	0.9686	0.7646
69.8	0.7410	0.8788	0.8349	0.9777	0.8652	0.6727	0.9581	0.7130
69.9	0.7496	0.8914	0.8479	0.9776	0.8221	0.7069	0.9624	0.7302
70.0	0.7504	0.9120	0.8508	0.9810	0.8297	0.7430	0.9674	0.7634
70.1	0.7414	0.9167	0.8617	0.9833	0.8069	0.7733	0.9693	0.7740
70.2	0.6883	0.9101	0.8352	0.9815	0.7598	0.7842	0.9624	0.7309
70.3	0.6105	0.9046	0.8088	0.9821	0.6789	0.7844	0.9582	0.6791
70.4	0.6581	0.9289	0.8311	0.9812	0.6474	0.8468	0.9631	0.7628
70.5	0.7476	0.9444	0.8789	0.9805	0.6321	0.8932	0.9698	0.7959
70.6	0.7113	0.9328	0.8561	0.9791	0.5422	0.8906	0.9596	0.7399
70.7	0.6485	0.9196	0.8203	0.9708	0.3780	0.8716	0.9479	0.7445
70.8	0.7264	0.9351	0.8551	0.9678	0.4430	0.8949	0.9540	0.7897
70.9	0.6983	0.9531	0.8586	0.9767	0.3018	0.9338	0.9662	0.7810
71.0	0.7101	0.9609	0.8538	0.9829	0.4471	0.9384	0.9720	0.8266
71.1	0.6679	0.9614	0.8501	0.9769	0.5013	0.9307	0.9707	0.8269
71.2	0.7119	0.9562	0.8571	0.9707	0.6799	0.9436	0.9601	0.8107
71.3	0.7706	0.9597	0.8796	0.9750	0.7608	0.9436	0.9649	0.8343
71.4	0.7910	0.9705	0.8823	0.9827	0.8074	0.9571	0.9744	0.8732
71.5	0.7907	0.9680	0.8707	0.9801	0.8379	0.9580	0.9708	0.8798
71.6	0.8091	0.9652	0.8831	0.9765	0.8498	0.9530	0.9671	0.8628
71.7	0.8114	0.9642	0.8792	0.9761	0.8701	0.9529	0.9667	0.8695
71.8	0.7450	0.9460	0.7972	0.9669	0.8462	0.9302	0.9514	0.8579
71.9	0.7634	0.9545	0.8130	0.9718	0.8587	0.9406	0.9588	0.8752
72.0	0.7936	0.9583	0.8508	0.9757	0.8640	0.9434	0.9610	0.8896
72.1	0.8266	0.9574	0.8762	0.9723	0.8820	0.9471	0.9596	0.9034
72.2	0.8330	0.9608	0.8517	0.9756	0.8812	0.9519	0.9641	0.9107
72.3	0.8405	0.9635	0.8288	0.9758	0.9040	0.9557	0.9657	0.9055
72.4	0.8247	0.9553	0.8085	0.9671	0.9094	0.9507	0.9559	0.9097
72.5	0.8447	0.9509	0.8345	0.9671	0.8978	0.9474	0.9497	0.9146
72.6	0.8723	0.9611	0.8734	0.9785	0.9098	0.9561	0.9622	0.9294
72.7	0.8877	0.9644	0.8737	0.9803	0.9234	0.9620	0.9655	0.9259
72.8	0.8979	0.9637	0.8986	0.9779	0.9312	0.9644	0.9630	0.9360
72.9	0.9040	0.9637	0.9060	0.9773	0.9401	0.9668	0.9611	0.9369
73.0	0.8774	0.9547	0.8851	0.9760	0.9181	0.9531	0.9525	0.9119
73.1	0.8814	0.9444	0.8891	0.9705	0.9023	0.9457	0.9418	0.8974
73.2	0.9262	0.9580	0.9252	0.9742	0.9296	0.9624	0.9572	0.9325
73.3	0.9308	0.9678	0.9388	0.9787	0.9450	0.9700	0.9651	0.9488
73.4	0.9206	0.9633	0.9307	0.9718	0.9443	0.9647	0.9611	0.9466
73.5	0.9473	0.9706	0.9513	0.9723	0.9515	0.9696	0.9703	0.9537
73.6	0.9534	0.9728	0.9515	0.9767	0.9557	0.9719	0.9694	0.9586
73.7	0.9063	0.9508	0.9336	0.9692	0.9230	0.9474	0.9524	0.9335
73.8	0.9069	0.9474	0.9327	0.9628	0.9124	0.9409	0.9523	0.9240
73.9	0.9396	0.9641	0.9323	0.9674	0.9378	0.9627	0.9634	0.9380
74.0	0.9362	0.9499	0.9304	0.9618	0.9343	0.9593	0.9436	0.9284
74.1	0.9322	0.9486	0.9422	0.9625	0.9360	0.9551	0.9428	0.9314
74.2	0.9415	0.9554	0.9469	0.9625	0.9433	0.9547	0.9520	0.9395
74.3	0.9484	0.9591	0.9464	0.9649	0.9480	0.9629	0.9547	0.9426
74.4	0.9596	0.9585	0.9612	0.9691	0.9471	0.9621	0.9523	0.9452
74.5	0.9629	0.9656	0.9650	0.9726	0.9570	0.9691	0.9613	0.9551
74.6	0.9389	0.9595	0.9520	0.9645	0.9446	0.9661	0.9534	0.9454
74.7	0.9435	0.9472	0.9536	0.9650	0.9470	0.9664	0.9394	0.9437
74.8	0.9449	0.9390	0.9360	0.9519	0.9351	0.9528	0.9313	0.9339
74.9	0.9477	0.9565	0.9524	0.9543	0.9422	0.9619	0.9478	0.9447
75.0	0.9423	0.9435	0.9347	0.9362	0.9259	0.9415	0.9328	0.9332
75.1	0.9404	0.9395	0.9393	0.9281	0.9223	0.9354	0.9314	0.9329
75.2	0.9527	0.9464	0.9446	0.9526	0.9400	0.9524	0.9355	0.9471
75.3	0.9474	0.9385	0.9351	0.9583	0.9324	0.9538	0.9251	0.9389
75.4	0.9339	0.9327	0.9339	0.9406	0.9202	0.9508	0.9136	0.9282
75.5	0.9462	0.9444	0.9435	0.9554	0.9419	0.9520	0.9305	0.9438
75.6	0.9581	0.9535	0.9626	0.9672	0.9560	0.9620	0.9354	0.9551
75.7	0.9611	0.9479	0.9622	0.9650	0.9530	0.9607	0.9384	0.9552
75.8	0.9406	0.9273	0.9345	0.9333	0.9322	0.9321	0.9069	0.9340
75.9	0.9381	0.9256	0.9411	0.9404	0.9270	0.9269	0.9063	0.9379
76.0	0.9398	0.9295	0.9479	0.9436	0.9274	0.9375	0.9235	0.9394
76.1	0.9324	0.9265	0.9403	0.9290	0.9237	0.9304	0.9330	0.9400
76.2	0.9254	0.9179	0.9374	0.9339	0.9245	0.9265	0.9139	0.9394
76.3	0.9234	0.8939	0.9358	0.9349	0.9078	0.9296	0.9013	0.9290
76.4	0.9408	0.9009	0.9521	0.9600	0.9296	0.9615	0.9108	0.9435
76.5	0.9540	0.9392	0.9678	0.9631	0.9505	0.9578	0.9472	0.9647
76.6	0.9356	0.9142	0.9553	0.9472	0.9426	0.9444	0.9193	0.9517
76.7	0.9231	0.8935	0.9360	0.9345	0.9351	0.9381	0.9106	0.9444

76.8	0.9396	0.9294	0.9588	0.9286	0.9323	0.9321	0.9299	0.9525
76.9	0.9098	0.8764	0.9421	0.9176	0.9066	0.9050	0.9013	0.9364
77.0	0.9283	0.8664	0.9415	0.9266	0.9180	0.9148	0.9039	0.9453
77.1	0.9160	0.8135	0.9206	0.8998	0.8730	0.8710	0.8810	0.9181
77.2	0.9243	0.7348	0.9337	0.9139	0.8884	0.8745	0.8869	0.9399
77.3	0.9247	0.7439	0.9312	0.9085	0.8961	0.8707	0.8926	0.9406
77.4	0.9078	0.6618	0.9262	0.9143	0.8997	0.8861	0.8822	0.9336
77.5	0.8844	0.6400	0.9480	0.9231	0.9217	0.9020	0.9034	0.9505
77.6	0.8731	0.5588	0.9522	0.9201	0.9208	0.8939	0.9091	0.9470
77.7	0.8930	0.4560	0.9255	0.8836	0.9016	0.8631	0.9086	0.9348
77.8	0.8876	0.2895	0.9142	0.8649	0.8712	0.8308	0.9043	0.9187
77.9	0.9080	0.1487	0.9387	0.9080	0.9036	0.8814	0.9171	0.9480
78.0	0.9065	0.2786	0.9499	0.9182	0.9133	0.9051	0.9116	0.9531
78.1	0.9107	0.2789	0.9507	0.8898	0.9098	0.8494	0.8917	0.9424
78.2	0.9136	0.2419	0.9476	0.8578	0.8837	0.7927	0.9204	0.9321
78.3	0.9295	0.3060	0.9506	0.8900	0.8812	0.8282	0.9089	0.9250
78.4	0.9287	0.2783	0.9266	0.8577	0.8704	0.7923	0.8925	0.9056
78.5	0.9188	0.4033	0.9234	0.8656	0.8582	0.8038	0.8780	0.9079
78.6	0.9056	0.4568	0.9348	0.8812	0.8588	0.8433	0.8778	0.9191
78.7	0.9306	0.5217	0.9474	0.8920	0.8817	0.8523	0.9135	0.9319
78.8	0.9321	0.4678	0.9364	0.8881	0.8996	0.8437	0.9112	0.9332
78.9	0.9315	0.4215	0.9439	0.8838	0.8803	0.8404	0.8918	0.9136
79.0	0.9368	0.4425	0.9493	0.8979	0.8710	0.8492	0.9004	0.9148
79.1	0.9329	0.5417	0.9397	0.9031	0.9046	0.8699	0.8943	0.9238
79.2	0.9089	0.5627	0.9470	0.8812	0.8844	0.8597	0.8867	0.9068
79.3	0.9257	0.6124	0.9329	0.8796	0.8707	0.8318	0.8949	0.9077
79.4	0.9301	0.6433	0.9397	0.8826	0.8819	0.8230	0.9034	0.9174
79.5	0.8906	0.4228	0.9190	0.8309	0.8363	0.7665	0.8731	0.8927
79.6	0.9267	0.5849	0.9375	0.8773	0.8810	0.8075	0.9085	0.9131
79.7	0.9090	0.6931	0.9369	0.8844	0.8915	0.8299	0.9089	0.9148
79.8	0.9190	0.7703	0.9312	0.8793	0.8878	0.8484	0.9054	0.9216
79.9	0.9234	0.7170	0.9506	0.8884	0.8689	0.8300	0.9012	0.9162
80.0	0.9434	0.7820	0.9625	0.9340	0.8955	0.8981	0.9204	0.9405

2.2.70 Run 6 – VT000-200 – Accels 25–32

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.5468	0.5767	0.5964	0.5727	0.2823	0.4277	0.4030	0.4631
0.1	0.0499	0.0474	0.0477	0.0429	0.0487	0.0371	0.0231	0.0416
0.2	0.0232	0.0091	0.0091	0.0258	0.0261	0.0252	0.0006	0.0181
0.3	0.0256	0.0145	0.0214	0.0337	0.0389	0.0523	0.0100	0.0601
0.4	0.0090	0.0131	0.0144	0.0366	0.0025	0.0161	0.0150	0.0319
0.5	0.0407	0.0082	0.0193	0.0076	0.0446	0.0041	0.0548	0.0098
0.6	0.0477	0.0029	0.0374	0.0219	0.0248	0.0047	0.0204	0.0109
0.7	0.0390	0.0178	0.0054	0.0370	0.0032	0.0444	0.0388	0.0026
0.8	0.0030	0.0150	0.0122	0.0034	0.0073	0.0012	0.0990	0.0227
0.9	0.0318	0.0014	0.2957	0.0203	0.0017	0.0241	0.0190	0.0041
1.0	0.0950	0.0160	0.3163	0.0096	0.0116	0.0061	0.0875	0.0157
1.1	0.1106	0.0254	0.3791	0.0258	0.0351	0.0135	0.0265	0.0033
1.2	0.2225	0.0727	0.2877	0.0081	0.0212	0.0374	0.0312	0.0005
1.3	0.2846	0.1397	0.5180	0.0259	0.0051	0.0182	0.0259	0.0014
1.4	0.3808	0.2576	0.6126	0.0326	0.0010	0.0055	0.0716	0.0200
1.5	0.4988	0.2883	0.2976	0.0522	0.0154	0.0231	0.0037	0.0809
1.6	0.6219	0.3221	0.4065	0.0619	0.0354	0.0154	0.0586	0.0557
1.7	0.6071	0.5190	0.4754	0.0750	0.0282	0.0077	0.0173	0.0060
1.8	0.6485	0.6840	0.5303	0.1232	0.0905	0.0438	0.0681	0.0080
1.9	0.6243	0.5794	0.3091	0.0400	0.0906	0.1528	0.0535	0.0565
2.0	0.7675	0.8486	0.4373	0.0998	0.0004	0.3129	0.2112	0.4380
2.1	0.7627	0.7960	0.4321	0.0125	0.0318	0.2602	0.2005	0.2443
2.2	0.7804	0.6295	0.2136	0.0416	0.0451	0.2509	0.2527	0.2655
2.3	0.8352	0.3819	0.2558	0.0558	0.0920	0.5236	0.3001	0.4454
2.4	0.7378	0.5588	0.5103	0.0125	0.2996	0.5369	0.5391	0.4927
2.5	0.8369	0.6406	0.4419	0.0087	0.1631	0.3707	0.5688	0.4056
2.6	0.8626	0.5724	0.2261	0.0094	0.0339	0.1437	0.2971	0.2918
2.7	0.9104	0.5219	0.2872	0.0636	0.0334	0.1989	0.1333	0.1892
2.8	0.9349	0.5855	0.1992	0.2118	0.0257	0.2742	0.1251	0.1934
2.9	0.9450	0.5853	0.1230	0.1482	0.0107	0.2784	0.1385	0.2571
3.0	0.9417	0.5172	0.2139	0.0868	0.0084	0.2245	0.0763	0.2335
3.1	0.9390	0.4684	0.1314	0.0697	0.0618	0.1811	0.1004	0.2415
3.2	0.9355	0.5075	0.1438	0.0668	0.0737	0.1228	0.2301	0.1553
3.3	0.9175	0.5402	0.1433	0.0697	0.0055	0.0167	0.1994	0.0510
3.4	0.9152	0.5115	0.1141	0.0716	0.0125	0.0898	0.1811	0.0654
3.5	0.8792	0.2568	0.0181	0.0751	0.0054	0.1144	0.1056	0.0313
3.6	0.8490	0.0770	0.0062	0.0818	0.0282	0.0217	0.0701	0.0216
3.7	0.9210	0.2929	0.0337	0.0754	0.0050	0.0322	0.2496	0.1249
3.8	0.9906	0.8204	0.1982	0.1246	0.1313	0.2154	0.6833	0.2253
3.9	0.9951	0.9178	0.4970	0.4701	0.3980	0.2642	0.8449	0.0395
4.0	0.9974	0.9279	0.6130	0.7453	0.5524	0.1538	0.8893	0.0636
4.1	0.9967	0.9271	0.5569	0.7798	0.5554	0.0319	0.8608	0.3315
4.2	0.9963	0.9002	0.4417	0.7183	0.5283	0.3197	0.8390	0.4789
4.3	0.9944	0.8865	0.5036	0.6467	0.4322	0.4953	0.7875	0.5879
4.4	0.9955	0.8414	0.3841	0.5229	0.3832	0.6510	0.6769	0.7095
4.5	0.9963	0.8371	0.3263	0.5547	0.1866	0.7630	0.5551	0.7788
4.6	0.9943	0.7523	0.2572	0.4728	0.0723	0.7106	0.3847	0.6981
4.7	0.9925	0.6379	0.2868	0.5253	0.1918	0.8567	0.5723	0.8415
4.8	0.9910	0.5293	0.2194	0.4785	0.1525	0.8090	0.6984	0.8243
4.9	0.9913	0.4815	0.0741	0.3809	0.1947	0.6953	0.7615	0.6551
5.0	0.9906	0.5046	0.0828	0.4626	0.3450	0.5368	0.7003	0.5134
5.1	0.9939	0.6544	0.1681	0.7128	0.4938	0.7451	0.7328	0.6668
5.2	0.9914	0.4627	0.1804	0.6705	0.6837	0.7800	0.7678	0.6929
5.3	0.9922	0.5685	0.1902	0.5406	0.6384	0.4629	0.7916	0.2593
5.4	0.9894	0.5103	0.0558	0.3653	0.6037	0.2520	0.7532	0.1685
5.5	0.9825	0.3193	0.0730	0.1536	0.3539	0.3398	0.5427	0.2744
5.6	0.9799	0.3847	0.2284	0.0568	0.1038	0.2737	0.3151	0.2672
5.7	0.9930	0.6211	0.1837	0.2742	0.5044	0.5526	0.7093	0.5212
5.8	0.9969	0.7626	0.1946	0.5681	0.6441	0.7819	0.8247	0.7550
5.9	0.9971	0.7829	0.3343	0.7826	0.6264	0.7141	0.6983	0.6982
6.0	0.9978	0.8598	0.5992	0.9051	0.5312	0.8474	0.6410	0.8335
6.1	0.9972	0.8905	0.5628	0.9522	0.6884	0.8402	0.5557	0.8182
6.2	0.9973	0.8531	0.6153	0.9673	0.8897	0.8705	0.8697	0.8618
6.3	0.9973	0.7077	0.7091	0.9638	0.9589	0.9285	0.9473	0.9399
6.4	0.9956	0.0834	0.5912	0.9715	0.9280	0.9319	0.9040	0.9390
6.5	0.9970	0.3671	0.6144	0.9793	0.9571	0.9133	0.9491	0.9384
6.6	0.9966	0.7662	0.5948	0.9773	0.9779	0.8128	0.9738	0.9249
6.7	0.9951	0.8769	0.4201	0.9764	0.9809	0.6721	0.9778	0.9388
6.8	0.9896	0.8835	0.4608	0.9698	0.9774	0.2766	0.9773	0.9296
6.9	0.9791	0.8555	0.5960	0.9715	0.9688	0.3472	0.9798	0.8054
7.0	0.9529	0.7936	0.5523	0.9609	0.8975	0.5820	0.9042	0.7289
7.1	0.9216	0.8122	0.4614	0.9522	0.8280	0.4209	0.8190	0.6573
7.2	0.9516	0.9341	0.2036	0.9610	0.8983	0.5737	0.8824	0.7634
7.3	0.9498	0.9509	0.1492	0.9557	0.9400	0.5073	0.8122	0.6474
7.4	0.9436	0.9688	0.4212	0.9746	0.9853	0.7087	0.8433	0.7178
7.5	0.8766	0.9682	0.2780	0.9745	0.9739	0.7021	0.8900	0.6158
7.6	0.9649	0.9935	0.1293	0.9896	0.9845	0.8082	0.9856	0.6635
7.7	0.9776	0.9960	0.1693	0.9886	0.9898	0.8079	0.9878	0.5894
7.8	0.9868	0.9968	0.2445	0.9888	0.9900	0.8273	0.9851	0.4366
7.9	0.9903	0.9966	0.4168	0.9886	0.9894	0.8715	0.9865	0.4958

8.0	0.9920	0.9939	0.3689	0.9893	0.9886	0.7822	0.9854	0.2973
8.1	0.9925	0.9963	0.3772	0.9910	0.9853	0.8122	0.9844	0.1123
8.2	0.9939	0.9962	0.4986	0.9922	0.9862	0.9176	0.9870	0.5569
8.3	0.9953	0.9968	0.5932	0.9938	0.9914	0.9375	0.9914	0.7651
8.4	0.9944	0.9962	0.6286	0.9922	0.9871	0.9154	0.9881	0.7870
8.5	0.9947	0.9958	0.6721	0.9935	0.9881	0.9226	0.9871	0.8751
8.6	0.9917	0.9949	0.5325	0.9912	0.9848	0.8723	0.9854	0.8501
8.7	0.9861	0.9913	0.4881	0.9829	0.9782	0.6343	0.9783	0.7911
8.8	0.9841	0.9880	0.5969	0.9832	0.9691	0.3815	0.9683	0.5060
8.9	0.9816	0.9847	0.6435	0.9804	0.9829	0.6501	0.9643	0.3470
9.0	0.9798	0.9805	0.3526	0.9764	0.9791	0.5516	0.9490	0.6482
9.1	0.9780	0.9820	0.1702	0.9786	0.9805	0.4261	0.9754	0.7773
9.2	0.9484	0.9535	0.1401	0.9468	0.9441	0.6217	0.9489	0.8915
9.3	0.9267	0.9259	0.4095	0.9258	0.9114	0.7649	0.9124	0.9079
9.4	0.9475	0.9415	0.5689	0.9476	0.9343	0.7705	0.9330	0.8049
9.5	0.9742	0.9685	0.7022	0.9742	0.9632	0.8202	0.9616	0.7337
9.6	0.9792	0.9702	0.7610	0.9806	0.9624	0.7819	0.9619	0.7462
9.7	0.9854	0.9766	0.8478	0.9863	0.9682	0.7583	0.9665	0.6250
9.8	0.9888	0.9800	0.8939	0.9891	0.9733	0.6645	0.9714	0.7177
9.9	0.9928	0.9841	0.8372	0.9930	0.9810	0.5481	0.9760	0.7581
10.0	0.9948	0.9871	0.7011	0.9946	0.9804	0.4356	0.9797	0.7037
10.1	0.9943	0.9828	0.8251	0.9951	0.9832	0.6963	0.9829	0.8369
10.2	0.9975	0.9904	0.9028	0.9978	0.9902	0.7948	0.9854	0.8013
10.3	0.9990	0.9913	0.8811	0.9988	0.9903	0.8482	0.9848	0.6879
10.4	0.9997	0.9963	0.9212	0.9992	0.9906	0.8931	0.9905	0.6225
10.5	0.9992	0.9903	0.9022	0.9984	0.9830	0.8396	0.9819	0.3581
10.6	0.9987	0.9898	0.9282	0.9984	0.9897	0.9051	0.9889	0.4716
10.7	0.9983	0.9836	0.9267	0.9982	0.9905	0.9061	0.9905	0.4304
10.8	0.9978	0.9720	0.9114	0.9975	0.9891	0.8684	0.9880	0.2680
10.9	0.9988	0.9730	0.9201	0.9983	0.9925	0.8848	0.9926	0.0968
11.0	0.9992	0.9687	0.9487	0.9983	0.9925	0.8968	0.9936	0.0180
11.1	0.9996	0.9758	0.9608	0.9989	0.9942	0.9278	0.9940	0.1492
11.2	0.9995	0.9466	0.9441	0.9987	0.9925	0.9298	0.9930	0.2671
11.3	0.9996	0.9457	0.9417	0.9987	0.9931	0.9136	0.9933	0.3171
11.4	0.9996	0.9265	0.9464	0.9988	0.9908	0.9112	0.9928	0.2524
11.5	0.9998	0.9430	0.9583	0.9985	0.9909	0.9435	0.9931	0.3906
11.6	0.9996	0.9145	0.9421	0.9976	0.9898	0.9187	0.9897	0.3740
11.7	0.9996	0.9437	0.9456	0.9979	0.9902	0.9311	0.9928	0.3865
11.8	0.9997	0.9638	0.9575	0.9981	0.9918	0.9415	0.9951	0.4172
11.9	0.9997	0.9750	0.9610	0.9982	0.9927	0.9243	0.9947	0.4461
12.0	0.9996	0.9790	0.9473	0.9978	0.9922	0.9111	0.9953	0.4119
12.1	0.9995	0.9839	0.9482	0.9974	0.9917	0.8841	0.9943	0.4370
12.2	0.9994	0.9869	0.9543	0.9979	0.9920	0.8879	0.9944	0.4969
12.3	0.9992	0.9908	0.9469	0.9979	0.9942	0.9125	0.9952	0.7041
12.4	0.9992	0.9906	0.9450	0.9976	0.9947	0.9303	0.9956	0.8447
12.5	0.9990	0.9933	0.8960	0.9972	0.9955	0.9493	0.9941	0.8741
12.6	0.9989	0.9913	0.8345	0.9971	0.9924	0.9538	0.9923	0.9148
12.7	0.9988	0.9905	0.8679	0.9960	0.9929	0.9645	0.9924	0.9357
12.8	0.9982	0.9898	0.9180	0.9961	0.9935	0.9629	0.9917	0.9419
12.9	0.9978	0.9891	0.9079	0.9954	0.9885	0.9508	0.9913	0.9333
13.0	0.9984	0.9902	0.9440	0.9959	0.9866	0.9557	0.9919	0.9493
13.1	0.9988	0.9904	0.9535	0.9958	0.9858	0.9718	0.9908	0.9671
13.2	0.9983	0.9880	0.9592	0.9951	0.9844	0.9696	0.9880	0.9680
13.3	0.9960	0.9872	0.9600	0.9953	0.9885	0.9704	0.9886	0.9714
13.4	0.9910	0.9870	0.9450	0.9942	0.9860	0.9465	0.9854	0.9494
13.5	0.9827	0.9819	0.9220	0.9915	0.9793	0.9170	0.9785	0.9253
13.6	0.9692	0.9806	0.8921	0.9917	0.9754	0.8765	0.9748	0.8936
13.7	0.9736	0.9873	0.9057	0.9945	0.9841	0.8817	0.9791	0.9012
13.8	0.9828	0.9923	0.9337	0.9950	0.9922	0.9233	0.9806	0.9407
13.9	0.9793	0.9839	0.9331	0.9870	0.9893	0.9370	0.9744	0.9570
14.0	0.9810	0.9770	0.9545	0.9811	0.9834	0.9591	0.9727	0.9736
14.1	0.9554	0.9448	0.9324	0.9540	0.9567	0.9620	0.9451	0.9690
14.2	0.9338	0.9319	0.8937	0.9358	0.9444	0.9324	0.9372	0.9478
14.3	0.9400	0.9475	0.9031	0.9454	0.9539	0.9292	0.9496	0.9466
14.4	0.9106	0.9328	0.8282	0.9232	0.9446	0.8938	0.9305	0.9142
14.5	0.9548	0.9692	0.8996	0.9613	0.9729	0.9489	0.9688	0.9606
14.6	0.9722	0.9746	0.9007	0.9687	0.9743	0.9350	0.9739	0.9419
14.7	0.9841	0.9880	0.9451	0.9849	0.9811	0.9217	0.9860	0.9201
14.8	0.9785	0.9913	0.9483	0.9886	0.9868	0.8633	0.9944	0.8886
14.9	0.9862	0.9936	0.9338	0.9910	0.9945	0.9404	0.9958	0.9659
15.0	0.9912	0.9948	0.9182	0.9941	0.9962	0.9684	0.9968	0.9765
15.1	0.9896	0.9960	0.8919	0.9937	0.9959	0.9641	0.9952	0.9691
15.2	0.9844	0.9948	0.8133	0.9923	0.9961	0.9536	0.9954	0.9697
15.3	0.9857	0.9961	0.7362	0.9939	0.9963	0.9472	0.9959	0.9676
15.4	0.9830	0.9964	0.6595	0.9927	0.9955	0.9447	0.9946	0.9670
15.5	0.9863	0.9959	0.5336	0.9945	0.9958	0.9344	0.9927	0.9557
15.6	0.9869	0.9945	0.5075	0.9917	0.9938	0.9354	0.9864	0.9528
15.7	0.9898	0.9932	0.4905	0.9923	0.9923	0.9534	0.9883	0.9668
15.8	0.9778	0.9926	0.4409	0.9899	0.9918	0.9407	0.9870	0.9447
15.9	0.9801	0.9907	0.3493	0.9883	0.9941	0.9324	0.9849	0.9302
16.0	0.9822	0.9883	0.3347	0.9907	0.9902	0.9497	0.9859	0.9430
16.1	0.9849	0.9898	0.4650	0.9878	0.9888	0.9581	0.9887	0.9447
16.2	0.9783	0.9905	0.5417	0.9884	0.9872	0.9557	0.9882	0.9335
16.3	0.9752	0.9930	0.5373	0.9897	0.9826	0.9444	0.9789	0.9083
16.4	0.9667	0.9907	0.4882	0.9813	0.9608	0.8930	0.9599	0.8216
16.5	0.9619	0.9919	0.6087	0.9756	0.9541	0.8847	0.9561	0.6985

16.6	0.9408	0.9931	0.6028	0.9760	0.9460	0.8974	0.9520	0.6939
16.7	0.9392	0.9885	0.5519	0.9622	0.9379	0.8605	0.9433	0.6023
16.8	0.9360	0.9836	0.5729	0.9332	0.9131	0.6781	0.8814	0.2000
16.9	0.9000	0.9830	0.6309	0.9078	0.8721	0.4716	0.8453	0.2528
17.0	0.8287	0.9890	0.7086	0.9187	0.6611	0.0198	0.5828	0.5012
17.1	0.8963	0.9896	0.7208	0.9197	0.7636	0.4998	0.5789	0.6147
17.2	0.9181	0.9901	0.7409	0.8802	0.8169	0.7563	0.7491	0.7179
17.3	0.9127	0.9934	0.7113	0.8985	0.7742	0.7858	0.5240	0.4887
17.4	0.9126	0.9923	0.7055	0.8957	0.9076	0.7970	0.7450	0.1743
17.5	0.9067	0.9907	0.6901	0.8423	0.8931	0.7453	0.8227	0.1198
17.6	0.9045	0.9915	0.7437	0.8532	0.9168	0.8019	0.8635	0.3244
17.7	0.8623	0.9930	0.7078	0.7925	0.8507	0.7359	0.7576	0.2312
17.8	0.7910	0.9919	0.6417	0.6487	0.7269	0.5428	0.5750	0.1000
17.9	0.6994	0.9904	0.7036	0.4518	0.6167	0.3303	0.4799	0.1216
18.0	0.4832	0.9892	0.7257	0.1587	0.5179	0.3829	0.3706	0.1819
18.1	0.4823	0.9932	0.6946	0.1090	0.4904	0.5512	0.3273	0.4044
18.2	0.3173	0.9917	0.7031	0.1693	0.4756	0.5336	0.3296	0.2440
18.3	0.3413	0.9932	0.7384	0.4191	0.4236	0.6470	0.3652	0.2650
18.4	0.4405	0.9919	0.7616	0.3632	0.6147	0.7023	0.2720	0.0454
18.5	0.7185	0.9904	0.8209	0.0057	0.7370	0.6907	0.5159	0.1071
18.6	0.7586	0.9789	0.7576	0.4132	0.5051	0.3425	0.5433	0.3954
18.7	0.8722	0.9813	0.5808	0.7358	0.0706	0.0026	0.6083	0.5410
18.8	0.9020	0.9905	0.5893	0.9072	0.1919	0.5553	0.4940	0.5668
18.9	0.9218	0.9921	0.6802	0.9238	0.3371	0.7062	0.4514	0.4558
19.0	0.9151	0.9927	0.7283	0.8995	0.4418	0.7632	0.4332	0.3294
19.1	0.9427	0.9946	0.8050	0.9307	0.6437	0.8075	0.5847	0.3531
19.2	0.9476	0.9938	0.8549	0.9341	0.6362	0.7899	0.6072	0.1443
19.3	0.9586	0.9911	0.8139	0.9183	0.6086	0.7802	0.6448	0.1394
19.4	0.9710	0.9938	0.8153	0.9418	0.6289	0.7027	0.7514	0.1994
19.5	0.9700	0.9928	0.8337	0.9342	0.7091	0.7396	0.8067	0.2571
19.6	0.9843	0.9938	0.8156	0.9462	0.8079	0.7952	0.8551	0.2993
19.7	0.9879	0.9945	0.7880	0.9582	0.8600	0.7834	0.8323	0.2884
19.8	0.9913	0.9959	0.8145	0.9720	0.9296	0.8694	0.9117	0.3855
19.9	0.9893	0.9943	0.7460	0.9671	0.9355	0.8623	0.9365	0.5303
20.0	0.9925	0.9960	0.7180	0.9776	0.9587	0.8980	0.9564	0.4950
20.1	0.9938	0.9970	0.6989	0.9824	0.9597	0.9135	0.9426	0.4542
20.2	0.9932	0.9976	0.7345	0.9880	0.9686	0.9382	0.9568	0.3820
20.3	0.9915	0.9946	0.4838	0.9684	0.9577	0.9063	0.9266	0.1552
20.4	0.9941	0.9969	0.4362	0.9818	0.9726	0.9314	0.9526	0.2085
20.5	0.9944	0.9972	0.6427	0.9767	0.9734	0.9235	0.9512	0.3103
20.6	0.9945	0.9979	0.5371	0.9754	0.9796	0.9167	0.9608	0.5788
20.7	0.9924	0.9975	0.4956	0.9716	0.9716	0.8900	0.9588	0.5455
20.8	0.9919	0.9968	0.5144	0.9637	0.9724	0.9020	0.9530	0.6674
20.9	0.9909	0.9954	0.4883	0.9607	0.9674	0.9081	0.9521	0.7171
21.0	0.9885	0.9956	0.4151	0.9472	0.9430	0.9265	0.9370	0.7406
21.1	0.9867	0.9960	0.5228	0.9400	0.9362	0.9528	0.9476	0.7973
21.2	0.9875	0.9963	0.4991	0.9499	0.9465	0.9609	0.9603	0.8249
21.3	0.9846	0.9960	0.5402	0.9411	0.9375	0.9627	0.9486	0.8240
21.4	0.9892	0.9973	0.5631	0.9423	0.9477	0.9659	0.9603	0.8448
21.5	0.9911	0.9967	0.5040	0.9370	0.9122	0.9599	0.9614	0.8107
21.6	0.9940	0.9980	0.5706	0.9494	0.9185	0.9707	0.9619	0.8547
21.7	0.9923	0.9978	0.5375	0.9244	0.8857	0.9226	0.9462	0.7169
21.8	0.9925	0.9970	0.5786	0.8940	0.7773	0.8717	0.9405	0.5932
21.9	0.9908	0.9960	0.4881	0.8203	0.5965	0.7895	0.8976	0.4479
22.0	0.9946	0.9971	0.5115	0.8709	0.4893	0.7868	0.8682	0.5028
22.1	0.9948	0.9974	0.5702	0.8784	0.2676	0.8498	0.8729	0.6191
22.2	0.9966	0.9973	0.6129	0.8607	0.0319	0.9168	0.8846	0.7631
22.3	0.9959	0.9970	0.6114	0.8713	0.2479	0.9393	0.9106	0.8559
22.4	0.9966	0.9975	0.5442	0.8744	0.4689	0.9294	0.8944	0.8344
22.5	0.9964	0.9978	0.5450	0.8904	0.6563	0.9012	0.8810	0.8208
22.6	0.9966	0.9974	0.3661	0.8376	0.7245	0.8092	0.7944	0.6639
22.7	0.9970	0.9966	0.3196	0.8379	0.7948	0.7281	0.8283	0.4994
22.8	0.9978	0.9971	0.4121	0.9036	0.8169	0.8074	0.8704	0.5558
22.9	0.9975	0.9979	0.6147	0.9143	0.8482	0.8576	0.9172	0.6947
23.0	0.9979	0.9985	0.7178	0.9049	0.8969	0.8072	0.9042	0.7605
23.1	0.9971	0.9977	0.7413	0.8923	0.9013	0.7598	0.8637	0.7743
23.2	0.9986	0.9977	0.7911	0.9087	0.8983	0.7648	0.8797	0.8136
23.3	0.9985	0.9976	0.8099	0.9257	0.9110	0.6420	0.9162	0.8257
23.4	0.9985	0.9977	0.8646	0.9360	0.9294	0.5557	0.8894	0.8173
23.5	0.9983	0.9968	0.8351	0.9046	0.8945	0.2132	0.8117	0.7829
23.6	0.9987	0.9979	0.9130	0.9480	0.8931	0.0314	0.8899	0.7508
23.7	0.9984	0.9975	0.9196	0.9408	0.8975	0.0445	0.9011	0.7464
23.8	0.9960	0.9974	0.9104	0.9240	0.8486	0.1885	0.8531	0.5026
23.9	0.9936	0.9976	0.9244	0.9292	0.7596	0.3504	0.8771	0.2989
24.0	0.9952	0.9970	0.9238	0.9220	0.7780	0.6095	0.9247	0.0735
24.1	0.9945	0.9970	0.9240	0.8995	0.6536	0.6124	0.9058	0.0022
24.2	0.9961	0.9979	0.9560	0.9265	0.6210	0.7159	0.9382	0.1061
24.3	0.9923	0.9978	0.9394	0.9075	0.4288	0.6573	0.9243	0.2298
24.4	0.9920	0.9979	0.9453	0.8898	0.3884	0.6128	0.8986	0.3701
24.5	0.9905	0.9974	0.9276	0.8875	0.3973	0.4841	0.7739	0.1893
24.6	0.9901	0.9976	0.9317	0.9188	0.3669	0.5417	0.7779	0.1647
24.7	0.9950	0.9977	0.9349	0.9356	0.4234	0.5309	0.7893	0.2071
24.8	0.9954	0.9980	0.9447	0.9513	0.4594	0.6638	0.8277	0.0800
24.9	0.9945	0.9980	0.9471	0.9611	0.6719	0.7356	0.8490	0.0638
25.0	0.9952	0.9985	0.9512	0.9741	0.8457	0.8635	0.9442	0.1546
25.1	0.9942	0.9988	0.9541	0.9754	0.8848	0.9258	0.9618	0.2904

25.2	0.9933	0.9985	0.9598	0.9761	0.9095	0.9520	0.9675	0.4960
25.3	0.9939	0.9986	0.9679	0.9796	0.9091	0.9587	0.9727	0.5143
25.4	0.9942	0.9984	0.9605	0.9770	0.9037	0.9658	0.9780	0.5506
25.5	0.9925	0.9982	0.9571	0.9713	0.7569	0.9683	0.9716	0.6118
25.6	0.9935	0.9986	0.9696	0.9652	0.5605	0.9773	0.9735	0.7694
25.7	0.9923	0.9983	0.9666	0.9684	0.1249	0.9627	0.9629	0.8456
25.8	0.9959	0.9980	0.9699	0.9750	0.6733	0.9590	0.9587	0.9061
25.9	0.9960	0.9979	0.9679	0.9738	0.8175	0.9645	0.9625	0.9276
26.0	0.9958	0.9976	0.9663	0.9555	0.7744	0.9554	0.9605	0.9141
26.1	0.9949	0.9982	0.9755	0.9611	0.7544	0.9514	0.9516	0.9392
26.2	0.9964	0.9983	0.9772	0.9770	0.7644	0.9507	0.9616	0.9643
26.3	0.9978	0.9987	0.9809	0.9802	0.7602	0.9524	0.9673	0.9639
26.4	0.9976	0.9986	0.9736	0.9760	0.6904	0.9589	0.9637	0.9638
26.5	0.9973	0.9986	0.9676	0.9703	0.5562	0.9557	0.9643	0.9633
26.6	0.9979	0.9988	0.9613	0.9682	0.6458	0.9597	0.9649	0.9528
26.7	0.9980	0.9987	0.9586	0.9696	0.7196	0.9507	0.9563	0.9427
26.8	0.9979	0.9988	0.9490	0.9640	0.7415	0.9351	0.9568	0.9340
26.9	0.9979	0.9984	0.9301	0.9550	0.8405	0.9142	0.9573	0.9292
27.0	0.9974	0.9986	0.8873	0.9580	0.7757	0.9120	0.9474	0.9296
27.1	0.9980	0.9991	0.9013	0.9753	0.8659	0.9382	0.9561	0.9580
27.2	0.9962	0.9987	0.8208	0.9766	0.9018	0.9240	0.9504	0.9538
27.3	0.9967	0.9986	0.7626	0.9783	0.9085	0.9000	0.9466	0.9619
27.4	0.9963	0.9987	0.7483	0.9806	0.9404	0.9122	0.9604	0.9689
27.5	0.9971	0.9987	0.7957	0.9733	0.9413	0.8821	0.9585	0.9623
27.6	0.9949	0.9982	0.8643	0.9682	0.9307	0.8115	0.9504	0.9592
27.7	0.9941	0.9986	0.9288	0.9795	0.9563	0.8692	0.9500	0.9729
27.8	0.9908	0.9983	0.9160	0.9808	0.9622	0.8199	0.9440	0.9733
27.9	0.9914	0.9983	0.9375	0.9806	0.9750	0.8047	0.9720	0.9781
28.0	0.9907	0.9980	0.9550	0.9774	0.9755	0.7511	0.9724	0.9779
28.1	0.9849	0.9976	0.9758	0.9817	0.9809	0.7516	0.9671	0.9825
28.2	0.9796	0.9959	0.9754	0.9836	0.9786	0.7175	0.9583	0.9823
28.3	0.9927	0.9978	0.9788	0.9897	0.9790	0.7191	0.9617	0.9818
28.4	0.9958	0.9985	0.9697	0.9895	0.9803	0.7756	0.9577	0.9789
28.5	0.9964	0.9983	0.9605	0.9826	0.9791	0.7643	0.9681	0.9827
28.6	0.9974	0.9988	0.9758	0.9855	0.9861	0.8688	0.9801	0.9916
28.7	0.9979	0.9987	0.9759	0.9870	0.9852	0.8867	0.9732	0.9863
28.8	0.9972	0.9981	0.9684	0.9840	0.9809	0.8746	0.9673	0.9772
28.9	0.9958	0.9978	0.9598	0.9885	0.9823	0.9105	0.9665	0.9785
29.0	0.9956	0.9973	0.9590	0.9858	0.9747	0.9244	0.9470	0.9763
29.1	0.9964	0.9981	0.9653	0.9873	0.9773	0.9440	0.9563	0.9802
29.2	0.9957	0.9981	0.9568	0.9904	0.9807	0.9538	0.9673	0.9832
29.3	0.9939	0.9976	0.9327	0.9913	0.9760	0.9529	0.9582	0.9785
29.4	0.9937	0.9976	0.9237	0.9868	0.9803	0.9439	0.9458	0.9821
29.5	0.9941	0.9976	0.9246	0.9876	0.9849	0.9504	0.9428	0.9836
29.6	0.9957	0.9983	0.9413	0.9921	0.9890	0.9738	0.9641	0.9889
29.7	0.9961	0.9986	0.9225	0.9920	0.9889	0.9815	0.9628	0.9889
29.8	0.9928	0.9979	0.8554	0.9830	0.9712	0.9769	0.9297	0.9701
29.9	0.9770	0.9966	0.8019	0.9595	0.9180	0.9819	0.8159	0.9078
30.0	0.9839	0.9969	0.8492	0.9706	0.9371	0.9816	0.8539	0.9282
30.1	0.9955	0.9979	0.8873	0.9922	0.9849	0.9840	0.9640	0.9844
30.2	0.9964	0.9981	0.8506	0.9918	0.9849	0.9859	0.9566	0.9808
30.3	0.9952	0.9985	0.8301	0.9944	0.9888	0.9886	0.9668	0.9774
30.4	0.9937	0.9978	0.8190	0.9927	0.9885	0.9868	0.9605	0.9712
30.5	0.9919	0.9971	0.8322	0.9931	0.9780	0.9834	0.9488	0.9560
30.6	0.9954	0.9982	0.8955	0.9937	0.9862	0.9881	0.9544	0.9702
30.7	0.9936	0.9981	0.8443	0.9933	0.9879	0.9890	0.9535	0.9609
30.8	0.9922	0.9974	0.7586	0.9914	0.9744	0.9884	0.9330	0.9220
30.9	0.9906	0.9961	0.6620	0.9900	0.9632	0.9895	0.8968	0.8707
31.0	0.9896	0.9950	0.5390	0.9910	0.9539	0.9893	0.8777	0.8195
31.1	0.9907	0.9967	0.5356	0.9927	0.9589	0.9925	0.8261	0.8899
31.2	0.9897	0.9972	0.5244	0.9920	0.9541	0.9949	0.8543	0.9122
31.3	0.9861	0.9967	0.5706	0.9908	0.9496	0.9912	0.8708	0.8905
31.4	0.9864	0.9968	0.6448	0.9922	0.9466	0.9910	0.9021	0.8794
31.5	0.9885	0.9961	0.6498	0.9872	0.9293	0.9897	0.9230	0.8163
31.6	0.9893	0.9962	0.6788	0.9879	0.9454	0.9909	0.9341	0.8132
31.7	0.9886	0.9962	0.6082	0.9886	0.9356	0.9919	0.9144	0.7713
31.8	0.9876	0.9962	0.6307	0.9849	0.9326	0.9924	0.9233	0.8494
31.9	0.9871	0.9968	0.7179	0.9867	0.9180	0.9918	0.9335	0.8893
32.0	0.9882	0.9971	0.7536	0.9884	0.9029	0.9905	0.9509	0.9359
32.1	0.9875	0.9967	0.7106	0.9833	0.8922	0.9910	0.9346	0.9445
32.2	0.9872	0.9961	0.7777	0.9838	0.9052	0.9928	0.9348	0.9590
32.3	0.9836	0.9964	0.7911	0.9870	0.8932	0.9907	0.9273	0.9739
32.4	0.9859	0.9968	0.7869	0.9884	0.9090	0.9911	0.8848	0.9810
32.5	0.9901	0.9971	0.8463	0.9894	0.9168	0.9928	0.8840	0.9775
32.6	0.9860	0.9968	0.8582	0.9904	0.9334	0.9915	0.9034	0.9748
32.7	0.9830	0.9976	0.8766	0.9877	0.9556	0.9898	0.9377	0.9704
32.8	0.9831	0.9966	0.8391	0.9846	0.9554	0.9902	0.9428	0.9704
32.9	0.9749	0.9972	0.8788	0.9822	0.9503	0.9914	0.9353	0.9788
33.0	0.9740	0.9975	0.8805	0.9806	0.9604	0.9926	0.9396	0.9804
33.1	0.9683	0.9972	0.8895	0.9825	0.9706	0.9926	0.9299	0.9786
33.2	0.9453	0.9977	0.8656	0.9824	0.9664	0.9901	0.9179	0.9669
33.3	0.9182	0.9981	0.8699	0.9875	0.9624	0.9922	0.9011	0.9694
33.4	0.9009	0.9979	0.8275	0.9861	0.9543	0.9906	0.8891	0.9595
33.5	0.9067	0.9978	0.8197	0.9871	0.9261	0.9898	0.8422	0.9594
33.6	0.8956	0.9973	0.7347	0.9851	0.8992	0.9913	0.6820	0.9656
33.7	0.9290	0.9981	0.7453	0.9883	0.9071	0.9941	0.6041	0.9792

33.8	0.9147	0.9978	0.7195	0.9842	0.8506	0.9932	0.4876	0.9767
33.9	0.9385	0.9980	0.6742	0.9831	0.8731	0.9939	0.6465	0.9744
34.0	0.9571	0.9981	0.8229	0.9855	0.9356	0.9959	0.8645	0.9839
34.1	0.9594	0.9980	0.8386	0.9873	0.9563	0.9950	0.8758	0.9820
34.2	0.9509	0.9980	0.8332	0.9849	0.9514	0.9933	0.9079	0.9728
34.3	0.9272	0.9970	0.8673	0.9829	0.9561	0.9925	0.8948	0.9742
34.4	0.9120	0.9966	0.8992	0.9815	0.9579	0.9947	0.9170	0.9792
34.5	0.9376	0.9957	0.8976	0.9793	0.9678	0.9954	0.9287	0.9812
34.6	0.9265	0.9960	0.9026	0.9774	0.9683	0.9950	0.9392	0.9857
34.7	0.9391	0.9958	0.9075	0.9769	0.9767	0.9957	0.9215	0.9879
34.8	0.9449	0.9958	0.9134	0.9774	0.9746	0.9957	0.9091	0.9848
34.9	0.9648	0.9971	0.9449	0.9791	0.9715	0.9950	0.9261	0.9841
35.0	0.9695	0.9967	0.9448	0.9765	0.9749	0.9956	0.9253	0.9856
35.1	0.9630	0.9962	0.9533	0.9759	0.9752	0.9943	0.9215	0.9833
35.2	0.9610	0.9945	0.9446	0.9659	0.9618	0.9915	0.8941	0.9791
35.3	0.9616	0.9957	0.9464	0.9660	0.9715	0.9932	0.9243	0.9855
35.4	0.9624	0.9945	0.9647	0.9653	0.9751	0.9944	0.9455	0.9844
35.5	0.9630	0.9951	0.9499	0.9597	0.9781	0.9948	0.9622	0.9868
35.6	0.9627	0.9949	0.9539	0.9621	0.9797	0.9952	0.9702	0.9888
35.7	0.9618	0.9950	0.9621	0.9574	0.9755	0.9936	0.9720	0.9870
35.8	0.9488	0.9952	0.9708	0.9481	0.9770	0.9944	0.9785	0.9890
35.9	0.9308	0.9947	0.9664	0.9354	0.9808	0.9931	0.9766	0.9903
36.0	0.9023	0.9947	0.9609	0.9222	0.9736	0.9920	0.9750	0.9841
36.1	0.9088	0.9954	0.9692	0.9233	0.9853	0.9964	0.9881	0.9919
36.2	0.8352	0.9950	0.9603	0.8874	0.9814	0.9939	0.9820	0.9894
36.3	0.7762	0.9942	0.9627	0.8201	0.9799	0.9937	0.9855	0.9893
36.4	0.6039	0.9957	0.9627	0.7894	0.9853	0.9953	0.9879	0.9928
36.5	0.5541	0.9948	0.9639	0.7493	0.9857	0.9930	0.9877	0.9912
36.6	0.4641	0.9940	0.9582	0.7115	0.9798	0.9918	0.9870	0.9890
36.7	0.0987	0.9936	0.9419	0.7156	0.9838	0.9949	0.9908	0.9915
36.8	0.0232	0.9944	0.9427	0.6898	0.9835	0.9918	0.9910	0.9905
36.9	0.0913	0.9935	0.9384	0.6927	0.9819	0.9805	0.9874	0.9885
37.0	0.3980	0.9955	0.9399	0.7097	0.9855	0.9887	0.9932	0.9945
37.1	0.7229	0.9959	0.9609	0.7342	0.9865	0.9949	0.9954	0.9948
37.2	0.7607	0.9936	0.9494	0.7414	0.9789	0.9955	0.9923	0.9903
37.3	0.8209	0.9934	0.9310	0.7889	0.9685	0.9963	0.9937	0.9880
37.4	0.8548	0.9932	0.9338	0.7634	0.9793	0.9954	0.9935	0.9927
37.5	0.8681	0.9923	0.9247	0.6301	0.9692	0.9945	0.9913	0.9913
37.6	0.9134	0.9915	0.9205	0.4361	0.9622	0.9934	0.9883	0.9896
37.7	0.9214	0.9919	0.9178	0.3759	0.9747	0.9927	0.9890	0.9916
37.8	0.9294	0.9897	0.9116	0.3829	0.9693	0.9928	0.9846	0.9825
37.9	0.9679	0.9924	0.9217	0.4926	0.9646	0.9929	0.9893	0.9841
38.0	0.9527	0.9907	0.8493	0.4222	0.9511	0.9831	0.9846	0.9777
38.1	0.9738	0.9916	0.8951	0.3567	0.9568	0.9907	0.9889	0.9882
38.2	0.9734	0.9911	0.8828	0.3538	0.9324	0.9917	0.9879	0.9869
38.3	0.9724	0.9913	0.8680	0.4457	0.9467	0.9898	0.9879	0.9853
38.4	0.9726	0.9930	0.8915	0.6321	0.9470	0.9901	0.9871	0.9850
38.5	0.9787	0.9930	0.8971	0.7613	0.9478	0.9930	0.9854	0.9836
38.6	0.9870	0.9941	0.9136	0.8424	0.9582	0.9954	0.9917	0.9901
38.7	0.9764	0.9920	0.9042	0.7981	0.9658	0.9940	0.9882	0.9894
38.8	0.9780	0.9897	0.9053	0.8290	0.9623	0.9922	0.9890	0.9883
38.9	0.9790	0.9893	0.8911	0.8551	0.9707	0.9951	0.9859	0.9900
39.0	0.9841	0.9903	0.9133	0.9100	0.9714	0.9956	0.9879	0.9882
39.1	0.9816	0.9897	0.8944	0.9029	0.9687	0.9939	0.9899	0.9878
39.2	0.9657	0.9840	0.8439	0.8338	0.9516	0.9924	0.9809	0.9827
39.3	0.9697	0.9833	0.8127	0.8754	0.9371	0.9928	0.9776	0.9780
39.4	0.9769	0.9864	0.8485	0.9116	0.9333	0.9937	0.9830	0.9806
39.5	0.9787	0.9846	0.8655	0.9284	0.9289	0.9946	0.9839	0.9739
39.6	0.9849	0.9884	0.8634	0.9564	0.9531	0.9960	0.9840	0.9797
39.7	0.9861	0.9868	0.8671	0.9592	0.9546	0.9949	0.9778	0.9721
39.8	0.9811	0.9848	0.8674	0.9562	0.9368	0.9946	0.9694	0.9715
39.9	0.9844	0.9838	0.8736	0.9637	0.9167	0.9942	0.9725	0.9712
40.0	0.9874	0.9826	0.9100	0.9662	0.9073	0.9936	0.9758	0.9686
40.1	0.9861	0.9816	0.9071	0.9696	0.8716	0.9948	0.9749	0.9703
40.2	0.9843	0.9846	0.8691	0.9775	0.8867	0.9948	0.9816	0.9745
40.3	0.9851	0.9847	0.8798	0.9814	0.9168	0.9958	0.9821	0.9756
40.4	0.9771	0.9705	0.8611	0.9745	0.8712	0.9949	0.9659	0.9601
40.5	0.9876	0.9785	0.8531	0.9757	0.8828	0.9952	0.9708	0.9641
40.6	0.9884	0.9676	0.8551	0.9735	0.8601	0.9952	0.9659	0.9619
40.7	0.9919	0.9722	0.9325	0.9854	0.8678	0.9962	0.9798	0.9691
40.8	0.9917	0.9726	0.9457	0.9869	0.8646	0.9951	0.9772	0.9636
40.9	0.9911	0.9690	0.9164	0.9825	0.8012	0.9950	0.9570	0.9550
41.0	0.9915	0.9729	0.9508	0.9852	0.8499	0.9968	0.9551	0.9606
41.1	0.9883	0.9705	0.9423	0.9862	0.8646	0.9957	0.9521	0.9587
41.2	0.9866	0.9663	0.9578	0.9860	0.7929	0.9950	0.9259	0.9504
41.3	0.9784	0.9626	0.9599	0.9896	0.6980	0.9953	0.9043	0.9502
41.4	0.9691	0.9342	0.9480	0.9852	0.6850	0.9959	0.8238	0.9503
41.5	0.9816	0.9497	0.9492	0.9852	0.6509	0.9959	0.7806	0.9650
41.6	0.9843	0.9332	0.9554	0.9873	0.6259	0.9960	0.8577	0.9647
41.7	0.9766	0.9257	0.9528	0.9853	0.4962	0.9969	0.8607	0.9658
41.8	0.9668	0.9288	0.9289	0.9821	0.4434	0.9966	0.8750	0.9614
41.9	0.9612	0.9293	0.9337	0.9832	0.5339	0.9942	0.8767	0.9605
42.0	0.9552	0.9470	0.9434	0.9848	0.4601	0.9944	0.8986	0.9643
42.1	0.9674	0.9435	0.9560	0.9860	0.4710	0.9964	0.9258	0.9678
42.2	0.9712	0.9389	0.9581	0.9840	0.4944	0.9954	0.9485	0.9746
42.3	0.9627	0.9435	0.9564	0.9845	0.3580	0.9950	0.9536	0.9786

42.4	0.9545	0.9450	0.9691	0.9843	0.1201	0.9947	0.9471	0.9843
42.5	0.9372	0.9350	0.9684	0.9830	0.4444	0.9959	0.9601	0.9821
42.6	0.9271	0.9412	0.9685	0.9824	0.7475	0.9959	0.9792	0.9847
42.7	0.9075	0.9448	0.9544	0.9714	0.8498	0.9933	0.9698	0.9840
42.8	0.9030	0.9085	0.9582	0.9555	0.8353	0.9939	0.9738	0.9851
42.9	0.9076	0.9274	0.9690	0.9829	0.8531	0.9963	0.9866	0.9888
43.0	0.8959	0.9431	0.9687	0.9859	0.8988	0.9971	0.9868	0.9914
43.1	0.6742	0.9044	0.9719	0.9759	0.9029	0.9956	0.9810	0.9900
43.2	0.0043	0.8966	0.9477	0.9762	0.9134	0.9938	0.9822	0.9881
43.3	0.6301	0.8818	0.9368	0.9730	0.9252	0.9920	0.9807	0.9871
43.4	0.9159	0.8608	0.9614	0.9733	0.9577	0.9944	0.9859	0.9925
43.5	0.9314	0.8277	0.9681	0.9722	0.9603	0.9965	0.9875	0.9923
43.6	0.8793	0.8490	0.9701	0.9727	0.9428	0.9952	0.9809	0.9897
43.7	0.8486	0.8735	0.9735	0.9816	0.9333	0.9942	0.9806	0.9894
43.8	0.9326	0.8644	0.9708	0.9810	0.9238	0.9933	0.9796	0.9869
43.9	0.9574	0.8808	0.9595	0.9817	0.9382	0.9951	0.9817	0.9913
44.0	0.9628	0.8660	0.9721	0.9751	0.9283	0.9938	0.9743	0.9897
44.1	0.9645	0.8456	0.9797	0.9768	0.9178	0.9940	0.9602	0.9926
44.2	0.9730	0.8841	0.9795	0.9831	0.9136	0.9956	0.9662	0.9916
44.3	0.9273	0.9195	0.9652	0.9870	0.9095	0.9941	0.9734	0.9869
44.4	0.8404	0.9323	0.9692	0.9864	0.8843	0.9945	0.9750	0.9909
44.5	0.8966	0.9249	0.9697	0.9834	0.8787	0.9935	0.9787	0.9904
44.6	0.8941	0.9310	0.9401	0.9767	0.8272	0.9902	0.9685	0.9790
44.7	0.9487	0.9237	0.9371	0.9783	0.8058	0.9929	0.9711	0.9825
44.8	0.9310	0.9335	0.8882	0.9771	0.7474	0.9938	0.9791	0.9860
44.9	0.9342	0.9374	0.8124	0.9716	0.8787	0.9921	0.9728	0.9861
45.0	0.9784	0.9473	0.9591	0.9795	0.9091	0.9922	0.9748	0.9867
45.1	0.9878	0.9623	0.9806	0.9873	0.9099	0.9924	0.9744	0.9888
45.2	0.9851	0.9711	0.9803	0.9893	0.9192	0.9936	0.9704	0.9859
45.3	0.9804	0.9647	0.9704	0.9857	0.8693	0.9906	0.9739	0.9771
45.4	0.9880	0.9543	0.9691	0.9791	0.8674	0.9885	0.9773	0.9780
45.5	0.9785	0.9247	0.9672	0.9648	0.9072	0.9827	0.9614	0.9793
45.6	0.9719	0.9418	0.9535	0.9636	0.9110	0.9833	0.9410	0.9782
45.7	0.9878	0.9561	0.9689	0.9756	0.9276	0.9889	0.9770	0.9841
45.8	0.9926	0.9574	0.9730	0.9819	0.9239	0.9919	0.9806	0.9833
45.9	0.9960	0.9796	0.9747	0.9915	0.9227	0.9929	0.9835	0.9844
46.0	0.9915	0.9724	0.9810	0.9847	0.8741	0.9929	0.9806	0.9844
46.1	0.9899	0.9760	0.9800	0.9864	0.8214	0.9914	0.9849	0.9842
46.2	0.9812	0.9639	0.9589	0.9775	0.7963	0.9908	0.9860	0.9784
46.3	0.9889	0.9759	0.9663	0.9854	0.8962	0.9938	0.9926	0.9808
46.4	0.9908	0.9758	0.9866	0.9890	0.9156	0.9924	0.9914	0.9850
46.5	0.9832	0.9758	0.9754	0.9886	0.8972	0.9900	0.9907	0.9856
46.6	0.9760	0.9760	0.9667	0.9821	0.8583	0.9935	0.9940	0.9856
46.7	0.9659	0.9645	0.9597	0.9725	0.7892	0.9885	0.9948	0.9804
46.8	0.9677	0.9739	0.9783	0.9836	0.7391	0.9923	0.9970	0.9858
46.9	0.9642	0.9777	0.9857	0.9889	0.6313	0.9882	0.9965	0.9832
47.0	0.9466	0.9695	0.9767	0.9851	0.4586	0.9893	0.9955	0.9823
47.1	0.9479	0.9719	0.9708	0.9824	0.1674	0.9855	0.9941	0.9837
47.2	0.9630	0.9759	0.9750	0.9847	0.1253	0.9843	0.9955	0.9856
47.3	0.9772	0.9703	0.9771	0.9825	0.3670	0.9780	0.9949	0.9850
47.4	0.9821	0.9659	0.9758	0.9808	0.5997	0.9751	0.9944	0.9814
47.5	0.9729	0.9669	0.9757	0.9777	0.7028	0.9716	0.9945	0.9746
47.6	0.9716	0.9738	0.9753	0.9792	0.7743	0.9692	0.9959	0.9754
47.7	0.9379	0.9723	0.9700	0.9759	0.7888	0.9669	0.9968	0.9740
47.8	0.9342	0.9755	0.9695	0.9774	0.7716	0.9568	0.9959	0.9699
47.9	0.9328	0.9772	0.9753	0.9791	0.8481	0.9589	0.9970	0.9732
48.0	0.8085	0.9774	0.9599	0.9740	0.8309	0.9563	0.9938	0.9714
48.1	0.9357	0.9758	0.9741	0.9824	0.9196	0.9724	0.9954	0.9742
48.2	0.9614	0.9747	0.9748	0.9810	0.9209	0.9719	0.9950	0.9620
48.3	0.9022	0.9681	0.9393	0.9727	0.8675	0.9760	0.9930	0.9577
48.4	0.8916	0.9806	0.9678	0.9759	0.8644	0.9821	0.9931	0.9611
48.5	0.9235	0.9812	0.9841	0.9746	0.9383	0.9871	0.9935	0.9655
48.6	0.9115	0.9771	0.9832	0.9733	0.9298	0.9833	0.9938	0.9638
48.7	0.9317	0.9764	0.9793	0.9678	0.9412	0.9823	0.9930	0.9502
48.8	0.9422	0.9729	0.9696	0.9652	0.9389	0.9837	0.9911	0.9253
48.9	0.9737	0.9692	0.9673	0.9653	0.9345	0.9812	0.9911	0.9139
49.0	0.9762	0.9713	0.9635	0.9622	0.9336	0.9822	0.9896	0.9177
49.1	0.9660	0.9791	0.9709	0.9678	0.9000	0.9785	0.9876	0.9043
49.2	0.9755	0.9806	0.9719	0.9763	0.9350	0.9822	0.9902	0.9203
49.3	0.9793	0.9817	0.9807	0.9845	0.9636	0.9884	0.9926	0.9494
49.4	0.9719	0.9767	0.9627	0.9788	0.9585	0.9849	0.9920	0.9316
49.5	0.9687	0.9769	0.9475	0.9739	0.9430	0.9808	0.9903	0.9166
49.6	0.9791	0.9808	0.9610	0.9793	0.9640	0.9866	0.9941	0.9359
49.7	0.9723	0.9827	0.9636	0.9802	0.9675	0.9916	0.9938	0.9357
49.8	0.9662	0.9832	0.9642	0.9770	0.9628	0.9896	0.9898	0.9172
49.9	0.9654	0.9766	0.9552	0.9637	0.9562	0.9851	0.9868	0.8721
50.0	0.9643	0.9650	0.9494	0.9658	0.9594	0.9788	0.9873	0.8404
50.1	0.9613	0.9631	0.9543	0.9768	0.9609	0.9790	0.9883	0.7552
50.2	0.9740	0.9770	0.9657	0.9751	0.9593	0.9883	0.9917	0.7629
50.3	0.9731	0.9791	0.9598	0.9740	0.9534	0.9902	0.9913	0.7799
50.4	0.9633	0.9791	0.9053	0.9628	0.9202	0.9894	0.9883	0.7457
50.5	0.9662	0.9811	0.9253	0.9723	0.9216	0.9892	0.9915	0.7731
50.6	0.9691	0.9782	0.9439	0.9759	0.9008	0.9855	0.9893	0.7806
50.7	0.9402	0.9648	0.9167	0.9584	0.8719	0.9821	0.9881	0.6946
50.8	0.9297	0.9637	0.9007	0.9462	0.8890	0.9829	0.9911	0.6928
50.9	0.9523	0.9717	0.8815	0.9693	0.9129	0.9873	0.9913	0.8014

51.0	0.9574	0.9719	0.8831	0.9700	0.9188	0.9896	0.9908	0.8608
51.1	0.9506	0.9692	0.8792	0.9665	0.9037	0.9857	0.9921	0.8682
51.2	0.9536	0.9708	0.8174	0.9740	0.9087	0.9878	0.9923	0.9051
51.3	0.9628	0.9739	0.8020	0.9760	0.9421	0.9885	0.9929	0.9242
51.4	0.9568	0.9763	0.7269	0.9819	0.9418	0.9882	0.9929	0.9362
51.5	0.9500	0.9749	0.6321	0.9771	0.9044	0.9890	0.9934	0.9409
51.6	0.9268	0.9590	0.2591	0.9659	0.8071	0.9805	0.9901	0.9237
51.7	0.9285	0.9654	0.0523	0.9638	0.7753	0.9828	0.9919	0.9370
51.8	0.9356	0.9698	0.1799	0.9756	0.7953	0.9858	0.9945	0.9679
51.9	0.9282	0.9763	0.2297	0.9801	0.7699	0.9869	0.9906	0.9788
52.0	0.9437	0.9815	0.1681	0.9830	0.7560	0.9879	0.9925	0.9825
52.1	0.9306	0.9782	0.2879	0.9786	0.7648	0.9853	0.9906	0.9749
52.2	0.8973	0.9718	0.6124	0.9775	0.8418	0.9825	0.9865	0.9763
52.3	0.8493	0.9679	0.7633	0.9684	0.8743	0.9820	0.9839	0.9785
52.4	0.8025	0.9537	0.7954	0.9599	0.9226	0.9776	0.9832	0.9747
52.5	0.8452	0.9650	0.6662	0.9730	0.9608	0.9789	0.9839	0.9850
52.6	0.8547	0.9668	0.6848	0.9715	0.9625	0.9805	0.9863	0.9860
52.7	0.8565	0.9660	0.8202	0.9712	0.9644	0.9769	0.9796	0.9834
52.8	0.8728	0.9700	0.8684	0.9752	0.9720	0.9751	0.9732	0.9840
52.9	0.8886	0.9739	0.9044	0.9771	0.9803	0.9793	0.9794	0.9884
53.0	0.8636	0.9719	0.9064	0.9766	0.9849	0.9757	0.9825	0.9875
53.1	0.8413	0.9696	0.8924	0.9772	0.9791	0.9772	0.9830	0.9877
53.2	0.8052	0.9666	0.8883	0.9709	0.9777	0.9779	0.9788	0.9804
53.3	0.7887	0.9666	0.9180	0.9732	0.9810	0.9780	0.9765	0.9841
53.4	0.8587	0.9704	0.9371	0.9764	0.9798	0.9783	0.9768	0.9861
53.5	0.8179	0.9714	0.8886	0.9746	0.9792	0.9730	0.9788	0.9874
53.6	0.7849	0.9673	0.8243	0.9722	0.9685	0.9652	0.9771	0.9774
53.7	0.8047	0.9654	0.8047	0.9691	0.9567	0.9488	0.9726	0.9769
53.8	0.8064	0.9739	0.8716	0.9779	0.9656	0.9509	0.9806	0.9835
53.9	0.7812	0.9735	0.8777	0.9740	0.9671	0.9467	0.9739	0.9827
54.0	0.7293	0.9732	0.8640	0.9710	0.9665	0.9506	0.9742	0.9848
54.1	0.5250	0.9570	0.7964	0.9577	0.9313	0.9310	0.9604	0.9781
54.2	0.3655	0.9533	0.8703	0.9533	0.9148	0.8766	0.9564	0.9780
54.3	0.3993	0.9679	0.9291	0.9656	0.9448	0.8733	0.9709	0.9848
54.4	0.3651	0.9758	0.9468	0.9740	0.9541	0.8939	0.9795	0.9909
54.5	0.1541	0.9747	0.9536	0.9755	0.9445	0.8599	0.9746	0.9894
54.6	0.0093	0.9648	0.9506	0.9661	0.9480	0.7887	0.9524	0.9814
54.7	0.1482	0.9635	0.9521	0.9679	0.9490	0.7272	0.9464	0.9784
54.8	0.1420	0.9753	0.9630	0.9728	0.9595	0.5496	0.9659	0.9853
54.9	0.4834	0.9831	0.9695	0.9782	0.9727	0.6123	0.9724	0.9882
55.0	0.6691	0.9804	0.9707	0.9695	0.9726	0.8220	0.9728	0.9837
55.1	0.7903	0.9752	0.9697	0.9674	0.9592	0.8914	0.9658	0.9806
55.2	0.8909	0.9705	0.9727	0.9743	0.9512	0.9221	0.9621	0.9766
55.3	0.9285	0.9731	0.9739	0.9759	0.9675	0.9522	0.9625	0.9742
55.4	0.9414	0.9783	0.9768	0.9758	0.9527	0.9099	0.9597	0.9580
55.5	0.9512	0.9834	0.9770	0.9751	0.9490	0.7937	0.9656	0.9577
55.6	0.9598	0.9748	0.9703	0.9764	0.9576	0.8480	0.9641	0.9619
55.7	0.9655	0.9783	0.9787	0.9777	0.9622	0.9296	0.9656	0.9646
55.8	0.9799	0.9801	0.9793	0.9761	0.9700	0.9627	0.9562	0.9613
55.9	0.9809	0.9832	0.9842	0.9734	0.9623	0.9640	0.9559	0.9436
56.0	0.9762	0.9846	0.9855	0.9758	0.9675	0.9709	0.9599	0.9515
56.1	0.9789	0.9827	0.9849	0.9757	0.9688	0.9557	0.9657	0.9521
56.2	0.9766	0.9823	0.9841	0.9736	0.9720	0.9679	0.9637	0.9400
56.3	0.9748	0.9733	0.9842	0.9667	0.9692	0.9698	0.9440	0.9222
56.4	0.9765	0.9732	0.9834	0.9658	0.9670	0.9803	0.9266	0.9181
56.5	0.9862	0.9831	0.9872	0.9754	0.9681	0.9876	0.9462	0.9031
56.6	0.9790	0.9793	0.9863	0.9710	0.9683	0.9866	0.9169	0.9011
56.7	0.9716	0.9688	0.9831	0.9654	0.9653	0.9875	0.8602	0.9016
56.8	0.9698	0.9725	0.9863	0.9719	0.9670	0.9819	0.8398	0.8916
56.9	0.9708	0.9805	0.9754	0.9725	0.9663	0.9757	0.8185	0.8903
57.0	0.9728	0.9796	0.9840	0.9718	0.9744	0.9822	0.8028	0.9153
57.1	0.9716	0.9777	0.9795	0.9738	0.9708	0.9699	0.7328	0.8972
57.2	0.9774	0.9835	0.9812	0.9782	0.9817	0.9833	0.7345	0.9249
57.3	0.9779	0.9862	0.9835	0.9777	0.9888	0.9857	0.7292	0.9312
57.4	0.9797	0.9861	0.9821	0.9809	0.9886	0.9842	0.6523	0.8886
57.5	0.9766	0.9830	0.9799	0.9824	0.9874	0.9849	0.6573	0.8752
57.6	0.9754	0.9856	0.9805	0.9819	0.9832	0.9867	0.6528	0.7896
57.7	0.9753	0.9865	0.9799	0.9842	0.9869	0.9895	0.6308	0.6607
57.8	0.9765	0.9812	0.9681	0.9779	0.9848	0.9815	0.6042	0.5966
57.9	0.9693	0.9733	0.9568	0.9742	0.9747	0.9734	0.4912	0.6613
58.0	0.9667	0.9757	0.9640	0.9669	0.9703	0.9755	0.2802	0.7493
58.1	0.9689	0.9830	0.9640	0.9664	0.9719	0.9825	0.2063	0.8420
58.2	0.9711	0.9868	0.9728	0.9699	0.9780	0.9853	0.1876	0.8937
58.3	0.9753	0.9881	0.9750	0.9758	0.9796	0.9843	0.3136	0.9079
58.4	0.9769	0.9866	0.9752	0.9717	0.9714	0.9792	0.2041	0.9041
58.5	0.9720	0.9819	0.9730	0.9581	0.9670	0.9699	0.0868	0.8974
58.6	0.9732	0.9840	0.9701	0.9629	0.9614	0.9701	0.1401	0.9041
58.7	0.9711	0.9795	0.9597	0.9597	0.9577	0.9693	0.0700	0.9073
58.8	0.9796	0.9857	0.9699	0.9739	0.9721	0.9802	0.1565	0.9195
58.9	0.9770	0.9891	0.9695	0.9699	0.9479	0.9801	0.2617	0.9326
59.0	0.9604	0.9829	0.9621	0.9630	0.6657	0.8742	0.0941	0.7671
59.1	0.9568	0.9732	0.9521	0.9391	0.5984	0.8589	0.0519	0.7254
59.2	0.9636	0.9799	0.9679	0.9382	0.9249	0.9770	0.3989	0.8983
59.3	0.9579	0.9778	0.9675	0.9487	0.9547	0.9808	0.5462	0.9168
59.4	0.9614	0.9807	0.9731	0.9611	0.9616	0.9858	0.6353	0.9031
59.5	0.9582	0.9803	0.9708	0.9555	0.9495	0.9772	0.6919	0.8927

59.6	0.9692	0.9838	0.9737	0.9550	0.9711	0.9784	0.7389	0.9063
59.7	0.9577	0.9771	0.9648	0.9428	0.9676	0.9730	0.6775	0.8345
59.8	0.9481	0.9623	0.9549	0.9395	0.7875	0.9434	0.4130	0.8129
59.9	0.9569	0.1134	0.0368	0.5755	0.7784	0.9330	0.4530	0.7992
60.0	0.9495	0.0339	0.0143	0.2308	0.9586	0.9247	0.7581	0.7868
60.1	0.9564	0.0579	0.0347	0.4247	0.9723	0.9652	0.8562	0.8246
60.2	0.9579	0.9514	0.9464	0.9240	0.9742	0.9683	0.8158	0.7268
60.3	0.9561	0.9815	0.9790	0.9179	0.9737	0.9738	0.8676	0.7557
60.4	0.9304	0.9743	0.9778	0.8918	0.9712	0.9791	0.8581	0.7321
60.5	0.9334	0.9682	0.9768	0.9198	0.9787	0.9803	0.8641	0.7275
60.6	0.9523	0.9768	0.9793	0.9260	0.9779	0.9851	0.8649	0.6877
60.7	0.9329	0.9757	0.9816	0.8790	0.9759	0.9813	0.8793	0.5616
60.8	0.9436	0.9765	0.9760	0.8703	0.9727	0.9785	0.8958	0.4660
60.9	0.9589	0.9782	0.9715	0.8751	0.9698	0.9779	0.8933	0.4053
61.0	0.9465	0.9691	0.9629	0.8774	0.9692	0.9743	0.8940	0.4745
61.1	0.9449	0.9644	0.9691	0.8648	0.9683	0.9753	0.9027	0.6389
61.2	0.9569	0.9755	0.9791	0.8642	0.9791	0.9766	0.8745	0.7502
61.3	0.9539	0.9766	0.9777	0.8258	0.9687	0.9755	0.8152	0.8016
61.4	0.9487	0.9660	0.9688	0.8460	0.9748	0.9646	0.8267	0.8762
61.5	0.9547	0.9651	0.9682	0.8668	0.9770	0.9554	0.8060	0.8793
61.6	0.9610	0.9758	0.9685	0.8446	0.9711	0.9587	0.7812	0.8382
61.7	0.9690	0.9779	0.9716	0.8460	0.9727	0.9459	0.8119	0.8241
61.8	0.9641	0.9725	0.9715	0.8467	0.9735	0.9237	0.8447	0.7769
61.9	0.9566	0.9670	0.9728	0.8549	0.9764	0.8538	0.8354	0.6621
62.0	0.9590	0.9647	0.9617	0.8559	0.9678	0.7394	0.8494	0.5978
62.1	0.9642	0.9699	0.9645	0.8646	0.9660	0.7475	0.8370	0.6366
62.2	0.9602	0.9682	0.9503	0.8396	0.9656	0.7360	0.8125	0.6607
62.3	0.9588	0.9672	0.9363	0.8662	0.9576	0.6903	0.8159	0.6889
62.4	0.9585	0.9724	0.9387	0.8367	0.9233	0.7184	0.7731	0.7367
62.5	0.9650	0.9751	0.9525	0.8830	0.9460	0.7717	0.8234	0.8324
62.6	0.9549	0.9723	0.9667	0.8887	0.9469	0.8288	0.8662	0.8846
62.7	0.9581	0.9705	0.9629	0.8761	0.9405	0.8390	0.8516	0.9092
62.8	0.9645	0.9749	0.9575	0.9135	0.9452	0.8480	0.8814	0.9188
62.9	0.9498	0.9669	0.9493	0.9135	0.9355	0.8211	0.8988	0.9153
63.0	0.9674	0.9793	0.9642	0.9463	0.9533	0.8794	0.9266	0.9460
63.1	0.9710	0.9817	0.9606	0.9460	0.9509	0.8980	0.9339	0.9606
63.2	0.9682	0.9804	0.9625	0.9356	0.9365	0.9072	0.9171	0.9596
63.3	0.9659	0.9796	0.9480	0.9288	0.9253	0.9152	0.9236	0.9472
63.4	0.9675	0.9813	0.9577	0.9303	0.9374	0.9352	0.9303	0.9643
63.5	0.9662	0.9813	0.9657	0.9350	0.9365	0.9390	0.9340	0.9695
63.6	0.9643	0.9822	0.9693	0.9150	0.9383	0.9405	0.9280	0.9737
63.7	0.9572	0.9782	0.9650	0.9139	0.9220	0.9384	0.9237	0.9679
63.8	0.9209	0.9700	0.9632	0.9059	0.9036	0.9472	0.9220	0.9635
63.9	0.8994	0.9675	0.9352	0.9176	0.9107	0.9231	0.9322	0.9641
64.0	0.9244	0.9729	0.9464	0.9267	0.8767	0.9502	0.9411	0.9678
64.1	0.9264	0.9756	0.9590	0.9164	0.8622	0.9686	0.9516	0.9738
64.2	0.9384	0.9836	0.9619	0.9175	0.8806	0.9589	0.9600	0.9814
64.3	0.9242	0.9762	0.9506	0.9154	0.8527	0.9386	0.9487	0.9765
64.4	0.9187	0.9735	0.9498	0.9108	0.8425	0.9412	0.9522	0.9795
64.5	0.9055	0.9724	0.9490	0.9075	0.8234	0.9365	0.9559	0.9795
64.6	0.8925	0.9680	0.9524	0.8922	0.8376	0.9280	0.9578	0.9764
64.7	0.9343	0.9780	0.9525	0.9027	0.8455	0.9398	0.9662	0.9847
64.8	0.9579	0.9856	0.9574	0.9276	0.9145	0.9531	0.9799	0.9865
64.9	0.9462	0.9829	0.9465	0.9142	0.9259	0.9515	0.9723	0.9830
65.0	0.9298	0.9763	0.9418	0.8962	0.9175	0.9474	0.9680	0.9773
65.1	0.9064	0.9708	0.9456	0.9077	0.9113	0.9591	0.9696	0.9819
65.2	0.9082	0.9714	0.9331	0.8657	0.9217	0.9484	0.9593	0.9754
65.3	0.9291	0.9736	0.9345	0.8383	0.9181	0.9436	0.9464	0.9745
65.4	0.9446	0.9726	0.9624	0.8755	0.9090	0.9506	0.9680	0.9812
65.5	0.9383	0.9706	0.9561	0.8554	0.9054	0.9463	0.9616	0.9811
65.6	0.9342	0.9720	0.9411	0.8589	0.9220	0.9141	0.9521	0.9810
65.7	0.9416	0.9777	0.9334	0.8902	0.9269	0.8808	0.9517	0.9796
65.8	0.9567	0.9809	0.9320	0.8944	0.9468	0.8390	0.9544	0.9799
65.9	0.9648	0.9829	0.9538	0.8922	0.9540	0.8271	0.9572	0.9825
66.0	0.9576	0.9822	0.9517	0.8788	0.9481	0.8640	0.9656	0.9820
66.1	0.9581	0.9775	0.9261	0.8854	0.9366	0.8685	0.9472	0.9741
66.2	0.9436	0.9766	0.9121	0.8878	0.9246	0.8899	0.9453	0.9754
66.3	0.9289	0.9702	0.9218	0.9019	0.9027	0.9057	0.9367	0.9656
66.4	0.9623	0.9764	0.9436	0.9165	0.9298	0.9413	0.9423	0.9745
66.5	0.9449	0.9696	0.9137	0.9064	0.9129	0.9348	0.9329	0.9703
66.6	0.9525	0.9754	0.9037	0.9218	0.9178	0.9335	0.9229	0.9691
66.7	0.9568	0.9776	0.9149	0.9255	0.9363	0.9354	0.9162	0.9702
66.8	0.9460	0.9747	0.9021	0.9093	0.9280	0.9365	0.9016	0.9605
66.9	0.9419	0.9694	0.8967	0.8962	0.8922	0.9470	0.8950	0.9586
67.0	0.9633	0.9768	0.9270	0.9425	0.9105	0.9601	0.9159	0.9750
67.1	0.9730	0.9839	0.9195	0.9541	0.9075	0.9452	0.8970	0.9732
67.2	0.9499	0.9813	0.8770	0.9403	0.8347	0.9298	0.8591	0.9609
67.3	0.9428	0.9788	0.8842	0.9420	0.8540	0.9412	0.8169	0.9522
67.4	0.9577	0.9727	0.9134	0.9446	0.8370	0.9440	0.7812	0.9481
67.5	0.9661	0.9792	0.9154	0.9447	0.8429	0.9500	0.7601	0.9541
67.6	0.9584	0.9799	0.9077	0.9475	0.8403	0.9436	0.7010	0.9483
67.7	0.9652	0.9761	0.9117	0.9389	0.7872	0.9436	0.5468	0.9183
67.8	0.9643	0.9772	0.8776	0.9354	0.7113	0.9323	0.4100	0.8799
67.9	0.9494	0.9707	0.8464	0.9222	0.6077	0.9140	0.2945	0.8160
68.0	0.9555	0.9741	0.8874	0.9395	0.6623	0.9265	0.3273	0.8449
68.1	0.9580	0.9749	0.8818	0.9585	0.5320	0.9289	0.3520	0.7997

68.2	0.9405	0.9666	0.8298	0.9311	0.3063	0.9080	0.4673	0.7116
68.3	0.9282	0.9679	0.8101	0.9212	0.3611	0.9071	0.5422	0.4644
68.4	0.9496	0.9784	0.8667	0.9570	0.2772	0.9317	0.7142	0.4292
68.5	0.9488	0.9781	0.8778	0.9601	0.1895	0.9370	0.7503	0.4118
68.6	0.9164	0.9568	0.8207	0.9230	0.1530	0.8916	0.7810	0.2799
68.7	0.9305	0.9687	0.8722	0.9369	0.3734	0.9333	0.9001	0.1109
68.8	0.9260	0.9704	0.8536	0.9396	0.2639	0.9362	0.9173	0.3367
68.9	0.9336	0.9701	0.8523	0.9463	0.2537	0.9259	0.9359	0.5552
69.0	0.9256	0.9640	0.8508	0.9231	0.2150	0.9222	0.9227	0.6459
69.1	0.9115	0.9641	0.8564	0.9192	0.1159	0.9238	0.9319	0.6846
69.2	0.9146	0.9682	0.8496	0.9420	0.1606	0.9181	0.9204	0.7147
69.3	0.9010	0.9685	0.8463	0.9369	0.3591	0.9091	0.9155	0.7665
69.4	0.9117	0.9705	0.8733	0.9546	0.5921	0.9194	0.9261	0.8117
69.5	0.9029	0.9592	0.8623	0.9576	0.7034	0.8949	0.9188	0.8496
69.6	0.8924	0.9607	0.8620	0.9543	0.7745	0.8852	0.9001	0.8824
69.7	0.8766	0.9554	0.8540	0.9457	0.7648	0.8821	0.8887	0.8876
69.8	0.8327	0.9412	0.8083	0.9244	0.7547	0.8574	0.8673	0.8583
69.9	0.8591	0.9298	0.8441	0.9333	0.8238	0.8823	0.8789	0.8850
70.0	0.8754	0.9178	0.8672	0.9538	0.8674	0.9180	0.9001	0.9216
70.1	0.8519	0.9373	0.8690	0.9316	0.8682	0.9215	0.8999	0.9235
70.2	0.8038	0.9452	0.8430	0.9221	0.8793	0.9079	0.8823	0.9288
70.3	0.7399	0.9379	0.8277	0.9118	0.8532	0.9055	0.8758	0.9240
70.4	0.7724	0.9513	0.8620	0.9317	0.9063	0.9247	0.9094	0.9467
70.5	0.7590	0.9447	0.8943	0.9423	0.9208	0.9245	0.9209	0.9532
70.6	0.7192	0.9402	0.8737	0.9408	0.9072	0.9075	0.8856	0.9408
70.7	0.6455	0.9194	0.8555	0.9148	0.8969	0.8845	0.8696	0.9294
70.8	0.6378	0.9158	0.8920	0.9120	0.9150	0.9065	0.8961	0.9381
70.9	0.5066	0.9257	0.8984	0.9187	0.9294	0.8959	0.9064	0.9498
71.0	0.5797	0.9433	0.9057	0.9280	0.9451	0.9064	0.9149	0.9616
71.1	0.4551	0.9228	0.9125	0.8919	0.9337	0.9113	0.9100	0.9577
71.2	0.6130	0.8872	0.9125	0.9158	0.9380	0.9062	0.9036	0.9501
71.3	0.5961	0.9200	0.9264	0.9232	0.9333	0.9434	0.9181	0.9520
71.4	0.6040	0.9309	0.9422	0.9237	0.9521	0.9532	0.9390	0.9670
71.5	0.7751	0.9227	0.9401	0.9264	0.9584	0.9527	0.9216	0.9647
71.6	0.6870	0.9180	0.9455	0.9065	0.9478	0.9625	0.9381	0.9613
71.7	0.6584	0.9189	0.9412	0.9164	0.9430	0.9687	0.9279	0.9609
71.8	0.6766	0.8961	0.9111	0.9065	0.9307	0.9423	0.8785	0.9414
71.9	0.6159	0.8610	0.9264	0.8852	0.9382	0.9434	0.8993	0.9495
72.0	0.6448	0.8563	0.9379	0.8992	0.9430	0.9507	0.8985	0.9487
72.1	0.7319	0.8613	0.9431	0.9070	0.9365	0.9506	0.9065	0.9459
72.2	0.7175	0.8544	0.9465	0.9122	0.9379	0.9569	0.9111	0.9531
72.3	0.7361	0.8458	0.9421	0.9181	0.9453	0.9562	0.9132	0.9588
72.4	0.7334	0.7838	0.9341	0.9259	0.9421	0.9480	0.8959	0.9422
72.5	0.6921	0.7678	0.9349	0.9010	0.9363	0.9420	0.8925	0.9400
72.6	0.6941	0.7873	0.9503	0.9046	0.9470	0.9484	0.9089	0.9544
72.7	0.6865	0.8235	0.9550	0.9213	0.9471	0.9506	0.9194	0.9523
72.8	0.6668	0.8234	0.9519	0.9199	0.9466	0.9491	0.9185	0.9532
72.9	0.6858	0.8608	0.9510	0.9296	0.9560	0.9438	0.9170	0.9544
73.0	0.6075	0.8285	0.9399	0.9093	0.9419	0.9353	0.8899	0.9354
73.1	0.5589	0.8065	0.9305	0.8891	0.9306	0.9157	0.8830	0.9198
73.2	0.5014	0.8404	0.9515	0.8891	0.9485	0.9260	0.9198	0.9456
73.3	0.5464	0.8737	0.9612	0.9238	0.9616	0.9355	0.9243	0.9559
73.4	0.4354	0.8536	0.9574	0.9066	0.9579	0.9254	0.9164	0.9366
73.5	0.4192	0.8662	0.9652	0.9069	0.9644	0.9342	0.9449	0.9551
73.6	0.3288	0.8895	0.9678	0.9068	0.9676	0.9363	0.9513	0.9602
73.7	0.2562	0.8410	0.9416	0.8727	0.9370	0.8995	0.9090	0.9300
73.8	0.2398	0.8350	0.9364	0.8380	0.9310	0.8856	0.9006	0.9282
73.9	0.0974	0.8742	0.9540	0.8866	0.9494	0.8884	0.9226	0.9338
74.0	0.0348	0.8776	0.9384	0.8615	0.9434	0.8461	0.9170	0.9085
74.1	0.0583	0.8969	0.9421	0.8947	0.9430	0.8171	0.9202	0.9022
74.2	0.0241	0.9091	0.9479	0.8951	0.9461	0.8153	0.9285	0.8954
74.3	0.0708	0.9107	0.9535	0.8879	0.9585	0.8354	0.9447	0.8824
74.4	0.2699	0.9095	0.9573	0.8865	0.9647	0.7724	0.9470	0.8716
74.5	0.3278	0.9183	0.9641	0.8977	0.9698	0.7934	0.9521	0.8531
74.6	0.2475	0.9116	0.9552	0.8719	0.9592	0.7484	0.9323	0.7101
74.7	0.5262	0.9281	0.9471	0.8668	0.9606	0.6462	0.9312	0.6886
74.8	0.4572	0.9040	0.9438	0.8117	0.9534	0.6309	0.9251	0.5540
74.9	0.5030	0.9164	0.9576	0.8429	0.9630	0.6676	0.9417	0.5337
75.0	0.5401	0.8851	0.9415	0.8285	0.9483	0.5423	0.9329	0.5282
75.1	0.6095	0.8698	0.9371	0.8002	0.9448	0.3687	0.9318	0.5032
75.2	0.6179	0.9100	0.9492	0.8450	0.9575	0.3760	0.9415	0.4289
75.3	0.5800	0.9142	0.9473	0.8471	0.9560	0.3706	0.9383	0.5067
75.4	0.6431	0.8899	0.9401	0.8055	0.9475	0.3358	0.9292	0.5374
75.5	0.7322	0.9252	0.9541	0.8420	0.9580	0.3134	0.9386	0.6387
75.6	0.7608	0.9410	0.9674	0.8822	0.9685	0.3977	0.9556	0.7889
75.7	0.7598	0.9299	0.9615	0.8442	0.9709	0.3252	0.9547	0.8331
75.8	0.6894	0.8874	0.9374	0.8253	0.9461	0.2027	0.9383	0.8279
75.9	0.7209	0.8839	0.9378	0.8372	0.9432	0.2311	0.9325	0.8616
76.0	0.8378	0.9065	0.9412	0.8460	0.9488	0.1391	0.9341	0.8799
76.1	0.8203	0.8945	0.9356	0.8214	0.9408	0.1332	0.9302	0.8847
76.2	0.7914	0.8874	0.9375	0.7801	0.9441	0.0585	0.9299	0.8814
76.3	0.8089	0.8834	0.9279	0.7674	0.9244	0.1332	0.9202	0.8953
76.4	0.8308	0.9133	0.9494	0.8330	0.9607	0.3467	0.9448	0.9280
76.5	0.8765	0.9240	0.9686	0.8680	0.9730	0.4873	0.9609	0.9352
76.6	0.8966	0.9166	0.9573	0.8760	0.9486	0.3434	0.9494	0.9274
76.7	0.8741	0.9006	0.9463	0.8336	0.9356	0.2552	0.9457	0.9191

76.8	0.8836	0.8834	0.9589	0.8416	0.9418	0.2523	0.9506	0.9236
76.9	0.9093	0.8880	0.9404	0.8108	0.9242	0.2123	0.9301	0.9068
77.0	0.9333	0.8973	0.9444	0.8207	0.9411	0.2866	0.9390	0.9211
77.1	0.9274	0.8490	0.9215	0.7848	0.9035	0.2892	0.9066	0.8883
77.2	0.9339	0.8769	0.9376	0.8168	0.8883	0.3293	0.9070	0.8933
77.3	0.9304	0.8537	0.9398	0.7922	0.8838	0.2243	0.9201	0.8960
77.4	0.9149	0.8575	0.9405	0.7681	0.8891	0.1906	0.9273	0.9171
77.5	0.9334	0.8999	0.9546	0.8167	0.8690	0.3743	0.9311	0.9279
77.6	0.9384	0.8695	0.9458	0.8114	0.8562	0.3183	0.9224	0.9148
77.7	0.9424	0.8590	0.9290	0.7349	0.7933	0.3002	0.9276	0.9135
77.8	0.9392	0.8028	0.9128	0.6745	0.8097	0.3865	0.8982	0.8806
77.9	0.9402	0.8510	0.9423	0.7322	0.9014	0.5445	0.9207	0.9172
78.0	0.9546	0.8699	0.9539	0.7120	0.9282	0.6797	0.9330	0.9313
78.1	0.9457	0.8310	0.9347	0.5000	0.9109	0.5397	0.9210	0.9251
78.2	0.9496	0.7741	0.9311	0.4375	0.8954	0.5827	0.8937	0.9043
78.3	0.9438	0.8028	0.9314	0.5315	0.9087	0.6396	0.8890	0.9002
78.4	0.9298	0.7520	0.9081	0.3641	0.8864	0.6471	0.8750	0.8794
78.5	0.9327	0.7070	0.9125	0.2472	0.8853	0.6438	0.8676	0.8661
78.6	0.9373	0.6363	0.9174	0.3179	0.8949	0.6772	0.8806	0.8842
78.7	0.9469	0.6590	0.9289	0.3361	0.9197	0.7798	0.8989	0.8996
78.8	0.9335	0.7126	0.9294	0.3412	0.9182	0.7968	0.8830	0.8925
78.9	0.9183	0.7219	0.9168	0.4666	0.9041	0.7790	0.8617	0.8850
79.0	0.9289	0.6842	0.9215	0.4748	0.9098	0.7686	0.8603	0.8824
79.1	0.9432	0.7279	0.9257	0.5686	0.9311	0.8292	0.8913	0.9014
79.2	0.9237	0.6836	0.9069	0.5370	0.8975	0.8097	0.8578	0.8803
79.3	0.9251	0.6651	0.9175	0.2936	0.8971	0.8399	0.8154	0.8728
79.4	0.9288	0.6623	0.9296	0.1735	0.9087	0.8647	0.8041	0.8742
79.5	0.9032	0.4869	0.9012	0.1241	0.8918	0.8291	0.7807	0.8272
79.6	0.9214	0.4414	0.9234	0.2267	0.9164	0.8811	0.8115	0.8717
79.7	0.8979	0.3416	0.9199	0.2520	0.9003	0.8216	0.7892	0.8510
79.8	0.9099	0.1393	0.9138	0.4022	0.9074	0.8058	0.8086	0.8484
79.9	0.9028	0.2544	0.9188	0.3898	0.9069	0.8177	0.8209	0.8699
80.0	0.9416	0.3010	0.9416	0.5420	0.9372	0.8698	0.8727	0.9010

2.2.71 Run 6 – VT000-200 – Accels 33–40

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.4491	0.3540	0.1472	0.2140	0.6154	0.1328	0.4223	0.1469
0.1	0.0342	0.0391	0.0190	0.0096	0.0516	0.0167	0.0066	0.0230
0.2	0.0106	0.0038	0.0439	0.0095	0.0005	0.0046	0.0718	0.0431
0.3	0.0463	0.0152	0.0003	0.0044	0.0105	0.0155	0.0174	0.0077
0.4	0.0228	0.0725	0.0308	0.0131	0.0145	0.0082	0.0440	0.0528
0.5	0.0560	0.0460	0.0659	0.0118	0.0255	0.0006	0.0072	0.0216
0.6	0.0079	0.0031	0.0078	0.0020	0.0261	0.0189	0.0156	0.0180
0.7	0.0213	0.0021	0.0281	0.0177	0.0316	0.0216	0.0073	0.0043
0.8	0.0497	0.0117	0.0138	0.0145	0.0054	0.0464	0.0094	0.0006
0.9	0.0343	0.0189	0.0884	0.0304	0.0591	0.0027	0.0193	0.0082
1.0	0.0237	0.0310	0.0581	0.0044	0.0446	0.0763	0.0747	0.0103
1.1	0.0523	0.1658	0.0416	0.0362	0.0101	0.1605	0.0123	0.0012
1.2	0.0739	0.1513	0.0046	0.0121	0.0301	0.1546	0.0473	0.0162
1.3	0.0355	0.1344	0.2186	0.0672	0.1045	0.3107	0.0180	0.0078
1.4	0.2048	0.4837	0.1579	0.0672	0.1628	0.4242	0.0835	0.0302
1.5	0.4097	0.3338	0.2748	0.1592	0.2841	0.4563	0.1546	0.0111
1.6	0.3482	0.3976	0.3726	0.3192	0.3089	0.6043	0.1068	0.0149
1.7	0.3484	0.1676	0.4870	0.4939	0.1246	0.5900	0.0189	0.0138
1.8	0.5724	0.0756	0.5688	0.6319	0.0389	0.6141	0.0291	0.0250
1.9	0.6239	0.3034	0.5970	0.6027	0.0297	0.5574	0.0786	0.0251
2.0	0.7570	0.5534	0.6827	0.8062	0.1385	0.7077	0.1533	0.0376
2.1	0.8529	0.2909	0.6530	0.7229	0.1880	0.7315	0.2828	0.0934
2.2	0.6042	0.2618	0.7555	0.6231	0.2339	0.8047	0.3406	0.1908
2.3	0.3632	0.5901	0.8113	0.4027	0.3115	0.7737	0.3357	0.3162
2.4	0.5416	0.8049	0.7733	0.5694	0.3378	0.5121	0.5450	0.0766
2.5	0.6099	0.8009	0.8331	0.6175	0.1701	0.7176	0.5411	0.0171
2.6	0.5628	0.6864	0.8734	0.5897	0.1060	0.8945	0.2498	0.0029
2.7	0.5849	0.6869	0.9067	0.5910	0.0657	0.9060	0.3206	0.0115
2.8	0.6431	0.6911	0.9320	0.5373	0.1267	0.9177	0.3384	0.0495
2.9	0.6536	0.6820	0.9352	0.5592	0.1104	0.9078	0.3850	0.1156
3.0	0.5619	0.5781	0.9264	0.5508	0.1028	0.9119	0.2266	0.0855
3.1	0.5606	0.5093	0.9352	0.4908	0.0764	0.9037	0.3169	0.0611
3.2	0.5423	0.3868	0.9370	0.5177	0.0627	0.9086	0.2910	0.0010
3.3	0.4152	0.2227	0.8972	0.4691	0.0280	0.8520	0.1740	0.0234
3.4	0.5165	0.1378	0.9088	0.4410	0.0261	0.8718	0.3293	0.0786
3.5	0.2179	0.1781	0.8791	0.3275	0.0243	0.7950	0.1761	0.0064
3.6	0.1016	0.1625	0.8394	0.0701	0.0073	0.8082	0.0885	0.0017
3.7	0.3854	0.1618	0.9134	0.2377	0.0102	0.8631	0.4517	0.1460
3.8	0.7671	0.6142	0.9887	0.7435	0.0565	0.9854	0.8456	0.2802
3.9	0.9143	0.7963	0.9953	0.9147	0.1889	0.9952	0.9467	0.0500
4.0	0.9422	0.8806	0.9961	0.9419	0.3418	0.9962	0.9717	0.3111
4.1	0.9395	0.8734	0.9957	0.9376	0.3671	0.9940	0.9620	0.6233
4.2	0.9055	0.8570	0.9957	0.9351	0.2764	0.9949	0.9392	0.6347
4.3	0.8995	0.8299	0.9949	0.9036	0.2083	0.9940	0.9302	0.7107
4.4	0.8669	0.7639	0.9960	0.8775	0.1712	0.9926	0.9016	0.7553
4.5	0.8534	0.7640	0.9945	0.8995	0.2014	0.9927	0.8464	0.7994
4.6	0.8050	0.6617	0.9919	0.8049	0.1393	0.9897	0.7905	0.7091
4.7	0.7811	0.7075	0.9951	0.7277	0.2436	0.9911	0.7748	0.8586
4.8	0.7080	0.5819	0.9927	0.5891	0.0858	0.9897	0.8250	0.7968
4.9	0.5817	0.3067	0.9886	0.5398	0.0073	0.9853	0.7971	0.6724
5.0	0.5852	0.3264	0.9912	0.5509	0.0940	0.9850	0.7874	0.5745
5.1	0.6494	0.5735	0.9949	0.5573	0.0534	0.9912	0.8119	0.7776
5.2	0.4145	0.6140	0.9921	0.2270	0.0339	0.9895	0.8250	0.7389
5.3	0.5379	0.4003	0.9923	0.1841	0.0307	0.9909	0.8108	0.4563
5.4	0.5567	0.1943	0.9863	0.5674	0.0243	0.9828	0.7750	0.3056
5.5	0.3465	0.2172	0.9757	0.5185	0.0255	0.9675	0.5068	0.4009
5.6	0.4260	0.1910	0.9720	0.4677	0.1252	0.9612	0.1640	0.3118
5.7	0.6594	0.3436	0.9941	0.7732	0.1266	0.9902	0.5469	0.6143
5.8	0.7402	0.5524	0.9965	0.8231	0.0718	0.9953	0.7434	0.8066
5.9	0.7921	0.5896	0.9980	0.8484	0.1294	0.9958	0.7488	0.7048
6.0	0.8636	0.7523	0.9978	0.8716	0.1527	0.9982	0.8385	0.8259
6.1	0.8935	0.7847	0.9968	0.8870	0.1767	0.9979	0.8195	0.7996
6.2	0.8718	0.8502	0.9972	0.8227	0.4769	0.9979	0.9194	0.8250
6.3	0.8325	0.9094	0.9971	0.6205	0.4885	0.9982	0.9689	0.8712
6.4	0.4705	0.9023	0.9955	0.2776	0.3603	0.9975	0.9458	0.8185
6.5	0.5679	0.9252	0.9970	0.6910	0.5223	0.9986	0.9723	0.7676
6.6	0.7287	0.8756	0.9965	0.8384	0.5687	0.9988	0.9858	0.5419
6.7	0.8581	0.8139	0.9951	0.8941	0.3779	0.9986	0.9844	0.5247
6.8	0.8818	0.7120	0.9897	0.8971	0.2341	0.9982	0.9800	0.7662
6.9	0.8638	0.6336	0.9790	0.8631	0.2285	0.9980	0.9744	0.8243
7.0	0.7945	0.7876	0.9522	0.8020	0.2961	0.9952	0.9141	0.7767
7.1	0.8049	0.7750	0.9212	0.8118	0.1453	0.9925	0.8536	0.8202
7.2	0.9286	0.7565	0.9506	0.9319	0.2215	0.9972	0.9131	0.6967
7.3	0.9456	0.5905	0.9467	0.9503	0.0004	0.9910	0.8984	0.6619
7.4	0.9685	0.8679	0.9402	0.9684	0.2037	0.9931	0.9446	0.8159
7.5	0.9698	0.9148	0.8695	0.9684	0.4014	0.9958	0.9613	0.7629
7.6	0.9918	0.9299	0.9639	0.9926	0.5737	0.9986	0.9904	0.8554
7.7	0.9930	0.9186	0.9773	0.9947	0.5052	0.9975	0.9923	0.9098
7.8	0.9919	0.9277	0.9863	0.9946	0.3986	0.9965	0.9923	0.8866
7.9	0.9923	0.9379	0.9903	0.9948	0.4847	0.9951	0.9932	0.8774

8.0	0.9884	0.9170	0.9920	0.9920	0.4935	0.9950	0.9924	0.8405
8.1	0.9919	0.9233	0.9927	0.9939	0.5462	0.9958	0.9904	0.8232
8.2	0.9932	0.9365	0.9939	0.9946	0.6537	0.9959	0.9917	0.7664
8.3	0.9946	0.9477	0.9953	0.9954	0.6784	0.9965	0.9947	0.7918
8.4	0.9940	0.9432	0.9943	0.9952	0.7072	0.9954	0.9915	0.7811
8.5	0.9936	0.9491	0.9947	0.9943	0.7290	0.9955	0.9916	0.7519
8.6	0.9935	0.9254	0.9916	0.9946	0.7108	0.9928	0.9889	0.6675
8.7	0.9899	0.8818	0.9859	0.9909	0.6680	0.9873	0.9807	0.7361
8.8	0.9877	0.8855	0.9839	0.9883	0.6896	0.9845	0.9689	0.5132
8.9	0.9847	0.8311	0.9813	0.9854	0.7963	0.9819	0.9505	0.6543
9.0	0.9795	0.8269	0.9795	0.9810	0.8431	0.9788	0.8178	0.6735
9.1	0.9839	0.8303	0.9777	0.9836	0.8037	0.9783	0.7672	0.7241
9.2	0.9560	0.8064	0.9482	0.9553	0.8311	0.9486	0.9293	0.8763
9.3	0.9252	0.7601	0.9264	0.9265	0.8007	0.9262	0.9377	0.8766
9.4	0.9389	0.8289	0.9475	0.9403	0.7215	0.9471	0.9535	0.9151
9.5	0.9645	0.8914	0.9742	0.9661	0.7291	0.9740	0.9517	0.9475
9.6	0.9634	0.8962	0.9795	0.9658	0.6616	0.9792	0.9443	0.9530
9.7	0.9680	0.9139	0.9856	0.9714	0.5944	0.9856	0.9334	0.9543
9.8	0.9651	0.9232	0.9890	0.9720	0.5090	0.9890	0.9619	0.9440
9.9	0.9667	0.9028	0.9930	0.9752	0.4745	0.9930	0.9743	0.9366
10.0	0.9662	0.8560	0.9951	0.9772	0.3871	0.9952	0.9694	0.9558
10.1	0.9523	0.9095	0.9946	0.9693	0.4212	0.9948	0.9769	0.9472
10.2	0.9623	0.9337	0.9976	0.9774	0.5664	0.9977	0.9726	0.9571
10.3	0.9685	0.9248	0.9991	0.9809	0.4399	0.9991	0.9548	0.9584
10.4	0.9755	0.9480	0.9997	0.9870	0.5415	0.9998	0.9514	0.9690
10.5	0.9569	0.9461	0.9990	0.9698	0.5364	0.9991	0.8925	0.9387
10.6	0.9453	0.9503	0.9987	0.9656	0.6715	0.9989	0.9266	0.9246
10.7	0.9177	0.9483	0.9984	0.9433	0.7302	0.9986	0.9265	0.8864
10.8	0.9167	0.9274	0.9980	0.9155	0.6821	0.9982	0.9041	0.8429
10.9	0.9552	0.9535	0.9990	0.9345	0.7681	0.9991	0.9157	0.8600
11.0	0.9664	0.9698	0.9993	0.9372	0.8207	0.9994	0.9281	0.8766
11.1	0.9825	0.9797	0.9997	0.9758	0.8584	0.9997	0.9401	0.8671
11.2	0.9835	0.9702	0.9996	0.9715	0.8318	0.9997	0.9087	0.8420
11.3	0.9904	0.9680	0.9997	0.9821	0.8863	0.9998	0.8895	0.8373
11.4	0.9896	0.9706	0.9997	0.9846	0.8510	0.9998	0.8597	0.7925
11.5	0.9932	0.9806	0.9998	0.9909	0.8656	0.9999	0.8232	0.8249
11.6	0.9912	0.9823	0.9997	0.9869	0.8526	0.9998	0.7797	0.8565
11.7	0.9940	0.9842	0.9998	0.9923	0.8643	0.9998	0.7845	0.8840
11.8	0.9943	0.9840	0.9998	0.9943	0.8723	0.9999	0.8684	0.9004
11.9	0.9960	0.9812	0.9998	0.9940	0.9103	0.9999	0.9097	0.9080
12.0	0.9958	0.9852	0.9998	0.9948	0.8884	0.9998	0.9058	0.9100
12.1	0.9961	0.9868	0.9998	0.9948	0.8993	0.9998	0.9023	0.9024
12.2	0.9952	0.9888	0.9996	0.9948	0.8928	0.9997	0.9431	0.9229
12.3	0.9965	0.9904	0.9995	0.9951	0.9118	0.9997	0.9535	0.9328
12.4	0.9963	0.9896	0.9992	0.9959	0.9161	0.9995	0.9672	0.9270
12.5	0.9967	0.9840	0.9988	0.9962	0.9110	0.9992	0.9754	0.9299
12.6	0.9954	0.9711	0.9985	0.9954	0.9090	0.9990	0.9657	0.9358
12.7	0.9952	0.9636	0.9980	0.9949	0.9119	0.9988	0.9700	0.9229
12.8	0.9948	0.9709	0.9980	0.9951	0.9260	0.9983	0.9697	0.9354
12.9	0.9925	0.9493	0.9975	0.9954	0.9260	0.9976	0.9561	0.9207
13.0	0.9935	0.9618	0.9978	0.9960	0.9442	0.9979	0.9549	0.9452
13.1	0.9932	0.9660	0.9983	0.9960	0.9615	0.9984	0.9614	0.9532
13.2	0.9911	0.9664	0.9981	0.9950	0.9633	0.9985	0.9641	0.9639
13.3	0.9912	0.9642	0.9981	0.9941	0.9640	0.9986	0.9764	0.9691
13.4	0.9895	0.9497	0.9965	0.9931	0.9491	0.9973	0.9735	0.9569
13.5	0.9854	0.9306	0.9945	0.9892	0.9278	0.9935	0.9600	0.9400
13.6	0.9841	0.9010	0.9909	0.9854	0.9040	0.9861	0.9502	0.9200
13.7	0.9892	0.9122	0.9901	0.9867	0.9121	0.9851	0.9667	0.9118
13.8	0.9910	0.9377	0.9828	0.9859	0.9403	0.9874	0.9847	0.9234
13.9	0.9807	0.9369	0.9734	0.9738	0.9383	0.9814	0.9864	0.9287
14.0	0.9752	0.9573	0.9746	0.9705	0.9531	0.9804	0.9817	0.9388
14.1	0.9401	0.9387	0.9447	0.9347	0.9357	0.9525	0.9642	0.8885
14.2	0.9265	0.9011	0.9306	0.9233	0.8986	0.9317	0.9584	0.8209
14.3	0.9423	0.9096	0.9405	0.9400	0.9079	0.9402	0.9643	0.8070
14.4	0.9271	0.8216	0.9200	0.9259	0.8190	0.9166	0.9620	0.7758
14.5	0.9661	0.8861	0.9600	0.9657	0.8605	0.9582	0.9828	0.8002
14.6	0.9745	0.8858	0.9773	0.9742	0.8604	0.9711	0.9890	0.8200
14.7	0.9885	0.9425	0.9864	0.9884	0.8932	0.9857	0.9930	0.8548
14.8	0.9902	0.9431	0.9800	0.9906	0.8833	0.9844	0.9963	0.8473
14.9	0.9927	0.9157	0.9879	0.9929	0.8069	0.9892	0.9970	0.9243
15.0	0.9948	0.8838	0.9918	0.9949	0.6013	0.9931	0.9976	0.9357
15.1	0.9960	0.8377	0.9913	0.9962	0.3887	0.9928	0.9962	0.9098
15.2	0.9950	0.7041	0.9880	0.9951	0.0999	0.9905	0.9968	0.8768
15.3	0.9966	0.5224	0.9884	0.9967	0.1077	0.9919	0.9961	0.8838
15.4	0.9968	0.3771	0.9864	0.9970	0.1375	0.9908	0.9951	0.8431
15.5	0.9973	0.3977	0.9888	0.9973	0.2132	0.9933	0.9939	0.8028
15.6	0.9966	0.3620	0.9904	0.9964	0.3588	0.9934	0.9930	0.8185
15.7	0.9971	0.3604	0.9917	0.9965	0.4048	0.9952	0.9938	0.8130
15.8	0.9972	0.4128	0.9802	0.9967	0.4665	0.9900	0.9930	0.7674
15.9	0.9969	0.3647	0.9803	0.9963	0.4268	0.9916	0.9892	0.8175
16.0	0.9969	0.4274	0.9799	0.9956	0.5665	0.9925	0.9779	0.8546
16.1	0.9972	0.4021	0.9816	0.9959	0.6540	0.9940	0.9672	0.8424
16.2	0.9981	0.6098	0.9732	0.9970	0.7067	0.9929	0.9561	0.8044
16.3	0.9988	0.7550	0.9658	0.9973	0.7388	0.9920	0.9674	0.7846
16.4	0.9981	0.7518	0.9546	0.9959	0.6738	0.9866	0.9632	0.6445
16.5	0.9983	0.8053	0.9477	0.9963	0.7589	0.9862	0.9704	0.5641

16.6	0.9983	0.8190	0.9238	0.9963	0.7607	0.9853	0.9663	0.6274
16.7	0.9977	0.8120	0.9176	0.9945	0.7505	0.9857	0.9797	0.3554
16.8	0.9975	0.8151	0.9130	0.9934	0.7737	0.9828	0.9679	0.2601
16.9	0.9973	0.8359	0.8873	0.9938	0.7893	0.9792	0.9467	0.1061
17.0	0.9982	0.8813	0.7852	0.9960	0.7958	0.9772	0.8726	0.0137
17.1	0.9981	0.8787	0.7442	0.9954	0.7792	0.9788	0.8956	0.0480
17.2	0.9974	0.8735	0.8780	0.9956	0.8066	0.9785	0.9223	0.2471
17.3	0.9981	0.8648	0.8970	0.9969	0.7868	0.9790	0.9186	0.1765
17.4	0.9984	0.8769	0.8618	0.9966	0.8132	0.9729	0.9794	0.4326
17.5	0.9977	0.8815	0.8741	0.9957	0.8007	0.9702	0.9722	0.5266
17.6	0.9979	0.9144	0.9006	0.9965	0.8441	0.9695	0.9652	0.5682
17.7	0.9983	0.9155	0.8857	0.9974	0.8119	0.9530	0.9164	0.2368
17.8	0.9983	0.9012	0.8376	0.9971	0.7495	0.9164	0.8317	0.1415
17.9	0.9975	0.9126	0.8129	0.9965	0.7662	0.8737	0.7350	0.1463
18.0	0.9975	0.9091	0.8206	0.9966	0.7590	0.8149	0.6694	0.1036
18.1	0.9987	0.8989	0.8805	0.9979	0.7672	0.8348	0.6376	0.2210
18.2	0.9984	0.8650	0.8890	0.9980	0.7660	0.8362	0.6144	0.1828
18.3	0.9981	0.8633	0.9155	0.9978	0.7890	0.8390	0.5585	0.2401
18.4	0.9980	0.8671	0.9124	0.9975	0.6877	0.8408	0.5974	0.1960
18.5	0.9984	0.8532	0.9142	0.9972	0.7524	0.8533	0.6597	0.1325
18.6	0.9972	0.8600	0.9140	0.9948	0.7060	0.7685	0.3243	0.0704
18.7	0.9971	0.8322	0.9380	0.9964	0.5896	0.6906	0.0101	0.1182
18.8	0.9972	0.7165	0.9548	0.9974	0.5659	0.5330	0.3082	0.2553
18.9	0.9968	0.5802	0.9612	0.9968	0.5306	0.4733	0.4096	0.2154
19.0	0.9963	0.4018	0.9654	0.9965	0.5171	0.4511	0.4960	0.2082
19.1	0.9972	0.3560	0.9720	0.9967	0.6403	0.6056	0.7002	0.2690
19.2	0.9968	0.1203	0.9784	0.9965	0.6501	0.6403	0.7154	0.1443
19.3	0.9957	0.1185	0.9779	0.9956	0.5955	0.6615	0.7032	0.0671
19.4	0.9959	0.0262	0.9858	0.9956	0.6412	0.7651	0.7563	0.0851
19.5	0.9956	0.0467	0.9859	0.9950	0.6843	0.7889	0.8214	0.0949
19.6	0.9957	0.1670	0.9902	0.9955	0.6491	0.8518	0.8991	0.1838
19.7	0.9947	0.2158	0.9881	0.9945	0.6020	0.8398	0.9280	0.2364
19.8	0.9963	0.3029	0.9890	0.9962	0.6338	0.8344	0.9650	0.4541
19.9	0.9944	0.2640	0.9876	0.9947	0.5879	0.8781	0.9628	0.4662
20.0	0.9957	0.4557	0.9930	0.9963	0.5987	0.9194	0.9714	0.6147
20.1	0.9959	0.5079	0.9936	0.9964	0.5171	0.9211	0.9742	0.7043
20.2	0.9962	0.6152	0.9925	0.9965	0.5478	0.9200	0.9750	0.6894
20.3	0.9921	0.5339	0.9895	0.9938	0.3207	0.9023	0.9522	0.6059
20.4	0.9952	0.7230	0.9933	0.9958	0.3924	0.9360	0.9772	0.7831
20.5	0.9963	0.7172	0.9935	0.9965	0.5914	0.9260	0.9780	0.8071
20.6	0.9972	0.7104	0.9932	0.9977	0.4944	0.9330	0.9772	0.8515
20.7	0.9966	0.6081	0.9928	0.9974	0.5255	0.9304	0.9762	0.8188
20.8	0.9964	0.4241	0.9911	0.9972	0.5801	0.9578	0.9722	0.8348
20.9	0.9952	0.3359	0.9893	0.9964	0.5435	0.9611	0.9680	0.8437
21.0	0.9948	0.3581	0.9862	0.9959	0.4204	0.9572	0.9587	0.8056
21.1	0.9957	0.2540	0.9853	0.9963	0.6284	0.9454	0.9539	0.8200
21.2	0.9967	0.3545	0.9851	0.9971	0.5865	0.9650	0.9672	0.8432
21.3	0.9973	0.3305	0.9843	0.9977	0.5430	0.9683	0.9602	0.8351
21.4	0.9978	0.3119	0.9892	0.9982	0.6021	0.9792	0.9727	0.8980
21.5	0.9973	0.2902	0.9905	0.9981	0.6652	0.9832	0.9685	0.8802
21.6	0.9985	0.4321	0.9946	0.9987	0.6620	0.9889	0.9662	0.8782
21.7	0.9977	0.3411	0.9929	0.9983	0.6141	0.9855	0.9670	0.8504
21.8	0.9973	0.2686	0.9925	0.9982	0.6520	0.9879	0.9499	0.8366
21.9	0.9962	0.2243	0.9913	0.9976	0.5642	0.9857	0.9017	0.8076
22.0	0.9967	0.4531	0.9948	0.9981	0.5101	0.9908	0.8883	0.8195
22.1	0.9974	0.4249	0.9946	0.9986	0.5556	0.9910	0.8746	0.7928
22.2	0.9980	0.4525	0.9962	0.9983	0.5043	0.9947	0.9218	0.8071
22.3	0.9978	0.5585	0.9961	0.9981	0.3929	0.9929	0.9053	0.8467
22.4	0.9980	0.5206	0.9968	0.9985	0.4245	0.9944	0.9230	0.8982
22.5	0.9985	0.4595	0.9964	0.9988	0.3424	0.9944	0.8788	0.8854
22.6	0.9980	0.4174	0.9963	0.9983	0.2362	0.9957	0.7569	0.8835
22.7	0.9975	0.5076	0.9975	0.9981	0.3361	0.9955	0.6654	0.8997
22.8	0.9980	0.5945	0.9979	0.9980	0.5173	0.9960	0.6141	0.9316
22.9	0.9983	0.5395	0.9976	0.9988	0.6142	0.9965	0.5649	0.9410
23.0	0.9985	0.6291	0.9981	0.9990	0.7048	0.9969	0.6067	0.9311
23.1	0.9981	0.5734	0.9975	0.9985	0.6858	0.9954	0.4228	0.9345
23.2	0.9988	0.5403	0.9979	0.9989	0.7438	0.9972	0.2623	0.9531
23.3	0.9988	0.5461	0.9982	0.9990	0.7394	0.9976	0.0503	0.9621
23.4	0.9986	0.4615	0.9980	0.9989	0.7579	0.9979	0.0326	0.9618
23.5	0.9984	0.3299	0.9968	0.9986	0.6680	0.9972	0.1712	0.9476
23.6	0.9987	0.3923	0.9977	0.9990	0.7918	0.9975	0.4643	0.9487
23.7	0.9988	0.4165	0.9976	0.9989	0.8481	0.9963	0.5715	0.9566
23.8	0.9986	0.2667	0.9960	0.9990	0.8511	0.9911	0.6282	0.9328
23.9	0.9987	0.0511	0.9950	0.9991	0.8731	0.9874	0.7121	0.9190
24.0	0.9988	0.0102	0.9939	0.9991	0.8948	0.9891	0.7236	0.9179
24.1	0.9988	0.0001	0.9923	0.9989	0.8602	0.9854	0.7160	0.9139
24.2	0.9991	0.0830	0.9928	0.9990	0.8731	0.9895	0.7956	0.9109
24.3	0.9990	0.2340	0.9911	0.9989	0.8575	0.9821	0.7924	0.8801
24.4	0.9990	0.3141	0.9906	0.9990	0.8407	0.9815	0.7962	0.8444
24.5	0.9988	0.3979	0.9872	0.9990	0.8535	0.9779	0.8225	0.7997
24.6	0.9987	0.5037	0.9892	0.9989	0.8628	0.9818	0.8778	0.8479
24.7	0.9987	0.5248	0.9933	0.9990	0.8370	0.9916	0.8961	0.8545
24.8	0.9988	0.5177	0.9958	0.9993	0.8431	0.9931	0.9364	0.8802
24.9	0.9987	0.5947	0.9940	0.9992	0.7989	0.9944	0.9560	0.8951
25.0	0.9991	0.7060	0.9946	0.9993	0.7881	0.9956	0.9816	0.9173
25.1	0.9989	0.6470	0.9935	0.9994	0.7969	0.9933	0.9746	0.9024

25.2	0.9990	0.6989	0.9923	0.9994	0.8030	0.9919	0.9688	0.9182
25.3	0.9991	0.7912	0.9925	0.9995	0.7969	0.9916	0.9774	0.9394
25.4	0.9992	0.7277	0.9933	0.9995	0.7466	0.9928	0.9790	0.9383
25.5	0.9990	0.7726	0.9917	0.9995	0.7915	0.9892	0.9742	0.9451
25.6	0.9992	0.7900	0.9922	0.9996	0.8273	0.9891	0.9840	0.9433
25.7	0.9990	0.7354	0.9875	0.9994	0.7786	0.9878	0.9717	0.9076
25.8	0.9991	0.7816	0.9906	0.9994	0.7859	0.9954	0.9584	0.9243
25.9	0.9990	0.7459	0.9943	0.9993	0.7768	0.9952	0.9501	0.9284
26.0	0.9989	0.7392	0.9920	0.9992	0.7387	0.9952	0.9211	0.9019
26.1	0.9986	0.7346	0.9915	0.9990	0.7299	0.9946	0.9139	0.8986
26.2	0.9988	0.5542	0.9925	0.9990	0.7663	0.9975	0.9215	0.8954
26.3	0.9992	0.5143	0.9916	0.9994	0.8214	0.9979	0.9424	0.9040
26.4	0.9993	0.4804	0.9915	0.9993	0.8419	0.9978	0.9176	0.8966
26.5	0.9991	0.5706	0.9923	0.9993	0.8578	0.9980	0.8787	0.8426
26.6	0.9993	0.7410	0.9932	0.9993	0.8161	0.9982	0.8254	0.8695
26.7	0.9993	0.8278	0.9934	0.9993	0.7913	0.9975	0.7403	0.9194
26.8	0.9993	0.9057	0.9959	0.9993	0.7867	0.9974	0.7326	0.9126
26.9	0.9992	0.9256	0.9974	0.9992	0.7811	0.9975	0.6299	0.8868
27.0	0.9988	0.9158	0.9964	0.9991	0.6950	0.9977	0.2657	0.8682
27.1	0.9991	0.9411	0.9974	0.9992	0.6703	0.9981	0.1614	0.8981
27.2	0.9989	0.9331	0.9966	0.9992	0.6610	0.9971	0.0902	0.8439
27.3	0.9986	0.9504	0.9966	0.9993	0.6202	0.9976	0.1372	0.8134
27.4	0.9986	0.9651	0.9972	0.9991	0.5626	0.9979	0.2630	0.8086
27.5	0.9986	0.9673	0.9978	0.9992	0.5286	0.9981	0.2606	0.8148
27.6	0.9987	0.9615	0.9962	0.9989	0.5875	0.9966	0.1908	0.8027
27.7	0.9991	0.9753	0.9966	0.9991	0.7358	0.9974	0.2090	0.8684
27.8	0.9985	0.9717	0.9955	0.9991	0.5748	0.9965	0.2525	0.8144
27.9	0.9987	0.9656	0.9972	0.9989	0.6428	0.9968	0.3004	0.8611
28.0	0.9987	0.9683	0.9976	0.9987	0.7125	0.9973	0.2798	0.8258
28.1	0.9991	0.9751	0.9984	0.9987	0.7823	0.9977	0.3400	0.8696
28.2	0.9983	0.9710	0.9969	0.9982	0.7757	0.9974	0.4149	0.8508
28.3	0.9986	0.9690	0.9973	0.9987	0.7843	0.9971	0.5274	0.8512
28.4	0.9987	0.9494	0.9981	0.9989	0.6702	0.9974	0.5093	0.8354
28.5	0.9985	0.9253	0.9983	0.9985	0.5085	0.9973	0.5663	0.7644
28.6	0.9990	0.9549	0.9988	0.9991	0.5889	0.9977	0.6689	0.8100
28.7	0.9986	0.9615	0.9988	0.9985	0.6693	0.9978	0.6562	0.8061
28.8	0.9983	0.9550	0.9982	0.9981	0.4627	0.9975	0.5291	0.7660
28.9	0.9982	0.9415	0.9984	0.9981	0.3583	0.9967	0.5432	0.7187
29.0	0.9982	0.9433	0.9980	0.9982	0.3400	0.9964	0.6466	0.7791
29.1	0.9984	0.9547	0.9983	0.9984	0.2077	0.9966	0.7980	0.8481
29.2	0.9986	0.9352	0.9982	0.9984	0.2219	0.9958	0.8344	0.8340
29.3	0.9982	0.8999	0.9979	0.9983	0.3264	0.9944	0.8236	0.7838
29.4	0.9980	0.9093	0.9977	0.9981	0.3022	0.9943	0.8405	0.8123
29.5	0.9980	0.9373	0.9977	0.9981	0.4464	0.9950	0.8894	0.8025
29.6	0.9985	0.9483	0.9983	0.9987	0.6037	0.9975	0.9197	0.8427
29.7	0.9983	0.9337	0.9983	0.9985	0.5452	0.9977	0.9233	0.8240
29.8	0.9975	0.8995	0.9974	0.9980	0.6084	0.9964	0.8837	0.7515
29.9	0.9978	0.9178	0.9915	0.9971	0.7778	0.9920	0.8553	0.8018
30.0	0.9976	0.8910	0.9934	0.9978	0.8070	0.9940	0.8874	0.7686
30.1	0.9977	0.8574	0.9974	0.9988	0.8550	0.9976	0.9167	0.7627
30.2	0.9977	0.7289	0.9957	0.9989	0.8482	0.9977	0.8991	0.7967
30.3	0.9980	0.6631	0.9944	0.9991	0.8201	0.9982	0.9237	0.7585
30.4	0.9981	0.7093	0.9905	0.9990	0.6854	0.9970	0.9375	0.7400
30.5	0.9978	0.7890	0.9887	0.9989	0.5061	0.9942	0.8958	0.6768
30.6	0.9984	0.8916	0.9953	0.9991	0.6778	0.9971	0.9288	0.6680
30.7	0.9984	0.8415	0.9955	0.9990	0.7547	0.9958	0.9390	0.6802
30.8	0.9984	0.7241	0.9946	0.9985	0.8048	0.9947	0.8999	0.6831
30.9	0.9980	0.5926	0.9944	0.9978	0.8095	0.9953	0.8950	0.5107
31.0	0.9981	0.4285	0.9907	0.9976	0.8365	0.9947	0.8971	0.4930
31.1	0.9987	0.2723	0.9913	0.9979	0.8675	0.9951	0.9102	0.5331
31.2	0.9982	0.0966	0.9912	0.9977	0.8873	0.9955	0.9028	0.3649
31.3	0.9980	0.1327	0.9845	0.9969	0.8597	0.9933	0.8800	0.2880
31.4	0.9981	0.1136	0.9797	0.9970	0.8755	0.9932	0.8832	0.3025
31.5	0.9980	0.1357	0.9746	0.9965	0.8620	0.9920	0.8867	0.3209
31.6	0.9983	0.1652	0.9806	0.9966	0.8509	0.9922	0.9050	0.2723
31.7	0.9979	0.1321	0.9751	0.9958	0.8918	0.9908	0.9044	0.1874
31.8	0.9972	0.1793	0.9703	0.9953	0.8843	0.9889	0.9032	0.1628
31.9	0.9979	0.2732	0.9634	0.9959	0.8997	0.9901	0.9066	0.0377
32.0	0.9985	0.3979	0.9489	0.9955	0.8609	0.9897	0.9057	0.0062
32.1	0.9981	0.3274	0.9360	0.9936	0.8846	0.9866	0.8883	0.0548
32.2	0.9981	0.2977	0.9406	0.9954	0.9129	0.9861	0.8837	0.0116
32.3	0.9980	0.3618	0.9499	0.9949	0.9101	0.9852	0.9065	0.0013
32.4	0.9980	0.4618	0.9552	0.9930	0.9160	0.9862	0.8889	0.1572
32.5	0.9982	0.6453	0.9737	0.9947	0.9372	0.9892	0.8670	0.3340
32.6	0.9978	0.6862	0.9781	0.9961	0.9239	0.9860	0.8837	0.3153
32.7	0.9984	0.7216	0.9858	0.9963	0.9104	0.9851	0.8995	0.4218
32.8	0.9977	0.6414	0.9894	0.9943	0.9132	0.9864	0.8863	0.3584
32.9	0.9976	0.7223	0.9902	0.9956	0.9114	0.9863	0.9090	0.5248
33.0	0.9972	0.6867	0.9913	0.9967	0.9163	0.9816	0.9132	0.6178
33.1	0.9980	0.6365	0.9889	0.9969	0.9093	0.9746	0.8788	0.6065
33.2	0.9980	0.5789	0.9881	0.9972	0.9049	0.9741	0.8562	0.6331
33.3	0.9985	0.4867	0.9904	0.9977	0.9292	0.9742	0.8468	0.7390
33.4	0.9984	0.5240	0.9918	0.9971	0.8950	0.9723	0.8617	0.7902
33.5	0.9988	0.6754	0.9937	0.9972	0.8165	0.9698	0.8869	0.7898
33.6	0.9980	0.7057	0.9921	0.9972	0.7029	0.9663	0.8555	0.8082
33.7	0.9983	0.7834	0.9932	0.9980	0.7065	0.9799	0.8840	0.8507

33.8	0.9984	0.7732	0.9887	0.9981	0.4995	0.9759	0.8496	0.8320
33.9	0.9981	0.8191	0.9879	0.9985	0.2038	0.9804	0.8329	0.8384
34.0	0.9988	0.8933	0.9906	0.9988	0.2470	0.9848	0.8953	0.9000
34.1	0.9988	0.9036	0.9894	0.9988	0.4384	0.9837	0.8589	0.9165
34.2	0.9982	0.8789	0.9842	0.9981	0.5975	0.9760	0.7621	0.8975
34.3	0.9983	0.8954	0.9838	0.9979	0.6891	0.9619	0.7453	0.8993
34.4	0.9977	0.9259	0.9854	0.9982	0.7506	0.9600	0.7788	0.9196
34.5	0.9967	0.9185	0.9819	0.9963	0.6705	0.9380	0.6184	0.8924
34.6	0.9977	0.9316	0.9807	0.9968	0.6657	0.8930	0.6694	0.9144
34.7	0.9979	0.9433	0.9792	0.9971	0.7618	0.8554	0.6821	0.9343
34.8	0.9972	0.9523	0.9821	0.9966	0.8114	0.6873	0.5758	0.9428
34.9	0.9978	0.9650	0.9812	0.9971	0.8144	0.5565	0.6169	0.9483
35.0	0.9977	0.9656	0.9731	0.9973	0.7886	0.7399	0.6542	0.9565
35.1	0.9979	0.9716	0.9736	0.9974	0.8170	0.8422	0.7463	0.9679
35.2	0.9961	0.9512	0.9652	0.9962	0.7071	0.8975	0.7467	0.9387
35.3	0.9972	0.9547	0.9679	0.9977	0.7364	0.9446	0.7926	0.9514
35.4	0.9966	0.9701	0.9812	0.9972	0.7397	0.9648	0.8553	0.9629
35.5	0.9973	0.9566	0.9790	0.9973	0.6719	0.9730	0.9024	0.9564
35.6	0.9967	0.9554	0.9838	0.9969	0.6590	0.9772	0.9317	0.9590
35.7	0.9966	0.9591	0.9819	0.9969	0.6584	0.9800	0.9345	0.9588
35.8	0.9974	0.9665	0.9815	0.9971	0.7394	0.9819	0.9413	0.9545
35.9	0.9963	0.9619	0.9804	0.9964	0.7012	0.9846	0.9457	0.9610
36.0	0.9961	0.9527	0.9795	0.9965	0.7061	0.9826	0.9654	0.9629
36.1	0.9970	0.9642	0.9845	0.9968	0.6909	0.9881	0.9779	0.9706
36.2	0.9966	0.9572	0.9836	0.9967	0.6881	0.9856	0.9717	0.9529
36.3	0.9958	0.9435	0.9780	0.9961	0.7295	0.9819	0.9620	0.9499
36.4	0.9968	0.9446	0.9808	0.9971	0.7444	0.9780	0.9656	0.9658
36.5	0.9959	0.9521	0.9813	0.9962	0.8344	0.9782	0.9718	0.9571
36.6	0.9958	0.9479	0.9795	0.9960	0.8499	0.9731	0.9723	0.9447
36.7	0.9961	0.9385	0.9864	0.9965	0.8673	0.9673	0.9771	0.9551
36.8	0.9962	0.9454	0.9847	0.9966	0.8990	0.9644	0.9706	0.9362
36.9	0.9955	0.9399	0.9825	0.9957	0.9180	0.9462	0.9666	0.9184
37.0	0.9966	0.9433	0.9898	0.9971	0.8985	0.9228	0.9758	0.9270
37.1	0.9971	0.9545	0.9921	0.9971	0.9076	0.9295	0.9778	0.9569
37.2	0.9952	0.9398	0.9905	0.9952	0.9093	0.8923	0.9730	0.9480
37.3	0.9942	0.9188	0.9894	0.9951	0.9083	0.8129	0.9724	0.9374
37.4	0.9945	0.9261	0.9889	0.9948	0.9184	0.7536	0.9808	0.9320
37.5	0.9937	0.9114	0.9873	0.9941	0.9267	0.5450	0.9715	0.9193
37.6	0.9918	0.9053	0.9867	0.9926	0.9131	0.2095	0.9597	0.9249
37.7	0.9929	0.9132	0.9863	0.9927	0.9309	0.0151	0.9517	0.9177
37.8	0.9908	0.8975	0.9829	0.9915	0.9163	0.2365	0.9388	0.8547
37.9	0.9931	0.9084	0.9865	0.9933	0.9292	0.4875	0.9578	0.8882
38.0	0.9917	0.8326	0.9793	0.9924	0.8644	0.6304	0.9382	0.8620
38.1	0.9944	0.8886	0.9795	0.9939	0.9167	0.8239	0.9483	0.8235
38.2	0.9939	0.8709	0.9699	0.9934	0.8947	0.8467	0.9448	0.7419
38.3	0.9934	0.8672	0.9601	0.9935	0.8480	0.8690	0.9507	0.6053
38.4	0.9944	0.8931	0.9600	0.9940	0.8230	0.9141	0.9602	0.6312
38.5	0.9941	0.9101	0.9669	0.9942	0.7823	0.9487	0.9557	0.7315
38.6	0.9953	0.9406	0.9727	0.9956	0.8065	0.9688	0.9645	0.8030
38.7	0.9954	0.9376	0.9708	0.9950	0.7090	0.9684	0.9696	0.7831
38.8	0.9938	0.9388	0.9722	0.9927	0.5966	0.9674	0.9682	0.7717
38.9	0.9932	0.9337	0.9787	0.9923	0.6040	0.9682	0.9568	0.8434
39.0	0.9927	0.9503	0.9848	0.9923	0.6045	0.9746	0.9463	0.8909
39.1	0.9927	0.9424	0.9885	0.9920	0.5743	0.9776	0.9324	0.8826
39.2	0.9917	0.9095	0.9876	0.9899	0.6669	0.9712	0.9192	0.8065
39.3	0.9898	0.8926	0.9901	0.9867	0.6700	0.9719	0.9316	0.8370
39.4	0.9911	0.9152	0.9936	0.9896	0.5844	0.9838	0.9380	0.8473
39.5	0.9905	0.9143	0.9931	0.9883	0.6847	0.9846	0.9393	0.8135
39.6	0.9923	0.9143	0.9942	0.9905	0.7951	0.9855	0.9404	0.7748
39.7	0.9942	0.9049	0.9954	0.9927	0.8575	0.9895	0.9234	0.6378
39.8	0.9933	0.8809	0.9946	0.9920	0.8640	0.9841	0.9107	0.4684
39.9	0.9911	0.8859	0.9934	0.9904	0.8629	0.9837	0.9051	0.3256
40.0	0.9918	0.9110	0.9958	0.9902	0.8851	0.9893	0.8999	0.2337
40.1	0.9901	0.9022	0.9964	0.9882	0.8766	0.9869	0.8736	0.3184
40.2	0.9897	0.8556	0.9958	0.9891	0.8592	0.9863	0.8763	0.1984
40.3	0.9889	0.8529	0.9952	0.9877	0.8679	0.9880	0.8681	0.2518
40.4	0.9837	0.8515	0.9942	0.9819	0.8580	0.9841	0.7774	0.3370
40.5	0.9880	0.8534	0.9950	0.9878	0.8578	0.9878	0.7600	0.4947
40.6	0.9864	0.8595	0.9949	0.9860	0.8619	0.9904	0.7532	0.5265
40.7	0.9912	0.9357	0.9965	0.9885	0.9224	0.9941	0.8535	0.7733
40.8	0.9909	0.9455	0.9967	0.9885	0.9128	0.9935	0.8476	0.8157
40.9	0.9869	0.9167	0.9956	0.9880	0.9073	0.9891	0.8627	0.7737
41.0	0.9888	0.9381	0.9951	0.9885	0.9365	0.9905	0.8756	0.8487
41.1	0.9884	0.9195	0.9952	0.9879	0.9309	0.9882	0.8867	0.8083
41.2	0.9869	0.9447	0.9928	0.9867	0.9199	0.9858	0.8592	0.8702
41.3	0.9863	0.9515	0.9921	0.9876	0.9186	0.9774	0.8675	0.8672
41.4	0.9876	0.9451	0.9888	0.9891	0.9307	0.9717	0.8856	0.8749
41.5	0.9891	0.9197	0.9925	0.9911	0.9367	0.9854	0.9248	0.8852
41.6	0.9877	0.9013	0.9946	0.9871	0.9369	0.9882	0.9224	0.8810
41.7	0.9893	0.8874	0.9936	0.9872	0.9386	0.9880	0.9234	0.8752
41.8	0.9868	0.8324	0.9953	0.9849	0.9334	0.9794	0.8873	0.8621
41.9	0.9876	0.8889	0.9950	0.9848	0.9366	0.9772	0.8764	0.8733
42.0	0.9898	0.9462	0.9945	0.9891	0.9265	0.9781	0.8847	0.8464
42.1	0.9887	0.9574	0.9941	0.9878	0.9201	0.9823	0.8771	0.8237
42.2	0.9891	0.9575	0.9916	0.9864	0.9069	0.9901	0.8418	0.7827
42.3	0.9872	0.9490	0.9937	0.9833	0.9063	0.9899	0.8717	0.8027

42.4	0.9872	0.9633	0.9969	0.9845	0.9323	0.9908	0.8984	0.8832
42.5	0.9866	0.9617	0.9956	0.9842	0.9334	0.9903	0.8748	0.8443
42.6	0.9887	0.9516	0.9951	0.9868	0.9312	0.9913	0.8722	0.8698
42.7	0.9845	0.8486	0.9883	0.9829	0.9360	0.9898	0.8699	0.8248
42.8	0.9762	0.6966	0.9812	0.9760	0.9244	0.9898	0.6537	0.6100
42.9	0.9885	0.9245	0.9927	0.9841	0.9280	0.9923	0.7961	0.7824
43.0	0.9892	0.9377	0.9960	0.9857	0.9285	0.9907	0.8877	0.8866
43.1	0.9869	0.8888	0.9866	0.9819	0.9167	0.9803	0.8003	0.7499
43.2	0.9867	0.8005	0.9765	0.9804	0.9123	0.9520	0.6689	0.4098
43.3	0.9853	0.9164	0.9840	0.9761	0.8847	0.9231	0.6495	0.4880
43.4	0.9895	0.9612	0.9922	0.9842	0.8899	0.9537	0.7348	0.8917
43.5	0.9860	0.9510	0.9925	0.9814	0.9169	0.9722	0.8474	0.9271
43.6	0.9854	0.9590	0.9926	0.9830	0.9259	0.9814	0.8855	0.9032
43.7	0.9872	0.9725	0.9924	0.9819	0.9393	0.9884	0.9357	0.9125
43.8	0.9888	0.9649	0.9917	0.9832	0.9298	0.9923	0.9224	0.9288
43.9	0.9907	0.9603	0.9932	0.9868	0.9220	0.9853	0.9438	0.9298
44.0	0.9904	0.9320	0.9946	0.9880	0.9242	0.9844	0.9458	0.9085
44.1	0.9892	0.9551	0.9955	0.9865	0.8949	0.9796	0.9464	0.9437
44.2	0.9897	0.9693	0.9951	0.9858	0.9358	0.9849	0.9542	0.9587
44.3	0.9876	0.9757	0.9910	0.9855	0.9450	0.9804	0.9450	0.9268
44.4	0.9895	0.9737	0.9873	0.9858	0.9556	0.9819	0.9546	0.8563
44.5	0.9901	0.9588	0.9917	0.9836	0.9495	0.9845	0.9376	0.8763
44.6	0.9894	0.9243	0.9925	0.9779	0.9274	0.9639	0.9285	0.9265
44.7	0.9880	0.9049	0.9919	0.9818	0.9243	0.9684	0.9400	0.9558
44.8	0.9877	0.8575	0.9812	0.9818	0.9418	0.9136	0.9385	0.9375
44.9	0.9863	0.8544	0.9624	0.9742	0.9423	0.9384	0.9205	0.9430
45.0	0.9884	0.9419	0.9857	0.9817	0.9572	0.9860	0.9333	0.9781
45.1	0.9889	0.9358	0.9956	0.9831	0.9510	0.9947	0.9524	0.9800
45.2	0.9881	0.9441	0.9962	0.9826	0.9525	0.9929	0.9602	0.9830
45.3	0.9860	0.9260	0.9916	0.9801	0.9492	0.9892	0.9497	0.9704
45.4	0.9818	0.9292	0.9816	0.9761	0.9316	0.9918	0.9348	0.9596
45.5	0.9690	0.9142	0.9830	0.9677	0.9050	0.9584	0.9058	0.9393
45.6	0.9683	0.9305	0.9863	0.9665	0.9168	0.9572	0.9167	0.9336
45.7	0.9819	0.9371	0.9839	0.9788	0.9417	0.9891	0.9201	0.9461
45.8	0.9878	0.9466	0.9872	0.9836	0.9465	0.9950	0.9212	0.9604
45.9	0.9914	0.9508	0.9945	0.9881	0.9474	0.9960	0.9445	0.9725
46.0	0.9885	0.9286	0.9937	0.9841	0.9549	0.9947	0.9345	0.9705
46.1	0.9888	0.9460	0.9948	0.9830	0.9508	0.9954	0.9488	0.9783
46.2	0.9835	0.9472	0.9815	0.9744	0.9363	0.9924	0.9195	0.9654
46.3	0.9880	0.9452	0.9856	0.9840	0.9483	0.9947	0.9135	0.9683
46.4	0.9879	0.9343	0.9921	0.9822	0.9556	0.9975	0.9235	0.9830
46.5	0.9870	0.9331	0.9916	0.9781	0.9353	0.9960	0.9372	0.9803
46.6	0.9839	0.9505	0.9855	0.9733	0.9189	0.9922	0.9141	0.9707
46.7	0.9790	0.9545	0.9706	0.9689	0.9183	0.9920	0.9060	0.9657
46.8	0.9846	0.9738	0.9844	0.9780	0.9492	0.9932	0.9425	0.9766
46.9	0.9872	0.9732	0.9915	0.9829	0.9590	0.9924	0.9443	0.9835
47.0	0.9846	0.9551	0.9936	0.9793	0.9355	0.9895	0.9289	0.9780
47.1	0.9826	0.9521	0.9868	0.9790	0.9381	0.9874	0.9055	0.9715
47.2	0.9890	0.9649	0.9852	0.9858	0.9361	0.9944	0.9328	0.9823
47.3	0.9851	0.9699	0.9828	0.9825	0.9162	0.9964	0.9097	0.9776
47.4	0.9849	0.9669	0.9824	0.9829	0.9099	0.9958	0.8916	0.9770
47.5	0.9800	0.9561	0.9804	0.9769	0.9107	0.9950	0.8875	0.9712
47.6	0.9842	0.9546	0.9901	0.9824	0.9187	0.9931	0.8890	0.9737
47.7	0.9838	0.9567	0.9783	0.9825	0.9351	0.9877	0.9125	0.9673
47.8	0.9842	0.9561	0.9823	0.9812	0.9319	0.9892	0.8987	0.9661
47.9	0.9820	0.9651	0.9848	0.9791	0.9340	0.9858	0.9058	0.9693
48.0	0.9787	0.9600	0.9805	0.9770	0.9148	0.9632	0.8372	0.9354
48.1	0.9779	0.9601	0.9903	0.9771	0.8976	0.9785	0.8038	0.9443
48.2	0.9726	0.9465	0.9885	0.9712	0.8938	0.9887	0.7873	0.9401
48.3	0.9702	0.8820	0.9651	0.9666	0.9060	0.9769	0.7818	0.9207
48.4	0.9814	0.9182	0.9805	0.9799	0.9290	0.9812	0.8160	0.9389
48.5	0.9847	0.9479	0.9900	0.9841	0.9406	0.9879	0.8226	0.9527
48.6	0.9775	0.9428	0.9887	0.9764	0.9397	0.9822	0.7637	0.9446
48.7	0.9772	0.9345	0.9904	0.9768	0.8983	0.9636	0.4312	0.8884
48.8	0.9713	0.8562	0.9805	0.9723	0.8530	0.9245	0.1270	0.7777
48.9	0.9689	0.8935	0.9843	0.9714	0.8173	0.9655	0.0672	0.7943
49.0	0.9709	0.9397	0.9832	0.9723	0.8424	0.9734	0.0733	0.8240
49.1	0.9731	0.9117	0.9795	0.9736	0.8683	0.9659	0.1515	0.7882
49.2	0.9763	0.9196	0.9752	0.9779	0.8594	0.9664	0.1123	0.7342
49.3	0.9784	0.9380	0.9802	0.9787	0.9133	0.9740	0.1994	0.8159
49.4	0.9743	0.9395	0.9789	0.9752	0.9114	0.9620	0.4172	0.7483
49.5	0.9693	0.9247	0.9568	0.9722	0.8826	0.9477	0.5822	0.6404
49.6	0.9783	0.9243	0.9783	0.9812	0.9083	0.9718	0.7255	0.7508
49.7	0.9778	0.9489	0.9863	0.9805	0.9035	0.9774	0.8025	0.7505
49.8	0.9717	0.9570	0.9791	0.9761	0.8918	0.9636	0.8663	0.7204
49.9	0.9666	0.9370	0.9620	0.9699	0.8443	0.9396	0.8608	0.5104
50.0	0.9536	0.9204	0.9687	0.9594	0.8307	0.9488	0.8417	0.3673
50.1	0.9457	0.9042	0.9761	0.9508	0.8730	0.9449	0.8724	0.4237
50.2	0.9644	0.8925	0.9791	0.9671	0.9116	0.9626	0.9282	0.5941
50.3	0.9682	0.8968	0.9843	0.9706	0.9054	0.9638	0.9249	0.6514
50.4	0.9635	0.9014	0.9530	0.9661	0.8671	0.9653	0.8916	0.5558
50.5	0.9657	0.8946	0.9686	0.9695	0.9181	0.9739	0.9161	0.2970
50.6	0.9583	0.8948	0.9868	0.9639	0.8892	0.9776	0.9167	0.5113
50.7	0.9378	0.8604	0.9857	0.9440	0.8498	0.9418	0.9064	0.6239
50.8	0.9375	0.8681	0.9850	0.9429	0.8574	0.9346	0.9142	0.7184
50.9	0.9398	0.9113	0.9857	0.9481	0.8765	0.9587	0.9325	0.7595

51.0	0.9411	0.9417	0.9825	0.9479	0.9084	0.9615	0.9325	0.8038
51.1	0.9370	0.9265	0.9887	0.9451	0.8899	0.9620	0.9304	0.7892
51.2	0.9366	0.9344	0.9861	0.9475	0.9045	0.9632	0.9471	0.8143
51.3	0.9451	0.9381	0.9905	0.9519	0.9237	0.9720	0.9520	0.8508
51.4	0.9430	0.9392	0.9885	0.9511	0.9071	0.9731	0.9717	0.9118
51.5	0.9371	0.9330	0.9903	0.9457	0.9005	0.9751	0.9658	0.9058
51.6	0.9010	0.8957	0.9848	0.9155	0.8667	0.9606	0.9342	0.8313
51.7	0.9188	0.9197	0.9862	0.9302	0.8953	0.9605	0.9414	0.8508
51.8	0.9272	0.9181	0.9877	0.9389	0.9070	0.9668	0.9574	0.8732
51.9	0.9344	0.8735	0.9873	0.9443	0.8951	0.9764	0.9610	0.8878
52.0	0.9487	0.9291	0.9923	0.9556	0.9328	0.9803	0.9630	0.9219
52.1	0.9405	0.9305	0.9907	0.9489	0.9313	0.9737	0.9530	0.9000
52.2	0.9184	0.9106	0.9859	0.9301	0.9173	0.9645	0.9581	0.8927
52.3	0.9070	0.8960	0.9868	0.9159	0.9129	0.9600	0.9404	0.8905
52.4	0.8536	0.7822	0.9834	0.8715	0.8682	0.9451	0.9151	0.8379
52.5	0.8900	0.7295	0.9837	0.9076	0.8788	0.9544	0.9374	0.8765
52.6	0.9088	0.6030	0.9832	0.9111	0.8631	0.9605	0.9385	0.9088
52.7	0.8984	0.7306	0.9864	0.9045	0.8398	0.9668	0.9268	0.9131
52.8	0.9051	0.8833	0.9904	0.9161	0.8979	0.9687	0.9416	0.9040
52.9	0.9254	0.9422	0.9927	0.9283	0.9428	0.9720	0.9586	0.9073
53.0	0.9229	0.9246	0.9926	0.9215	0.9320	0.9673	0.9531	0.8883
53.1	0.9171	0.9056	0.9904	0.9128	0.9203	0.9604	0.9473	0.8751
53.2	0.9101	0.9007	0.9882	0.9011	0.9165	0.9518	0.9365	0.8557
53.3	0.9054	0.8989	0.9856	0.9054	0.9191	0.9517	0.9407	0.8516
53.4	0.9171	0.9172	0.9875	0.9192	0.9353	0.9642	0.9525	0.9041
53.5	0.9216	0.9244	0.9883	0.9096	0.9432	0.9630	0.9449	0.8794
53.6	0.9202	0.9184	0.9773	0.8965	0.9338	0.9463	0.9301	0.8180
53.7	0.9218	0.9201	0.9767	0.8993	0.9298	0.9493	0.9251	0.8373
53.8	0.9383	0.9216	0.9805	0.9186	0.9369	0.9617	0.9390	0.8779
53.9	0.9398	0.9228	0.9845	0.9181	0.9308	0.9628	0.9264	0.8874
54.0	0.9442	0.8930	0.9766	0.9168	0.9150	0.9548	0.9148	0.8856
54.1	0.9064	0.7302	0.9392	0.8852	0.8249	0.9283	0.8387	0.8124
54.2	0.8927	0.6957	0.9648	0.8776	0.7944	0.9289	0.7961	0.8201
54.3	0.9316	0.8805	0.9815	0.9038	0.8997	0.9500	0.8436	0.8748
54.4	0.9455	0.9186	0.9822	0.9300	0.9325	0.9578	0.8711	0.9032
54.5	0.9498	0.9226	0.9814	0.9279	0.9335	0.9565	0.8489	0.8816
54.6	0.9352	0.8980	0.9726	0.9077	0.9033	0.9396	0.8021	0.8508
54.7	0.9335	0.8847	0.9687	0.9149	0.8925	0.9330	0.7943	0.8245
54.8	0.9562	0.9133	0.9792	0.9326	0.9197	0.9501	0.7938	0.8618
54.9	0.9652	0.9406	0.9825	0.9362	0.9431	0.9614	0.7887	0.8984
55.0	0.9627	0.9506	0.9838	0.9102	0.9451	0.9602	0.6606	0.8978
55.1	0.9510	0.9256	0.9777	0.9013	0.9136	0.9436	0.5344	0.8532
55.2	0.9386	0.8997	0.9709	0.8799	0.8901	0.9348	0.4314	0.8690
55.3	0.9466	0.9001	0.9757	0.8905	0.8905	0.9380	0.2459	0.8829
55.4	0.9550	0.8559	0.9776	0.9093	0.8537	0.9492	0.0222	0.8907
55.5	0.9627	0.8517	0.9799	0.9325	0.8334	0.9583	0.1886	0.8985
55.6	0.9463	0.9009	0.9712	0.8995	0.8835	0.9381	0.4538	0.8689
55.7	0.9510	0.9183	0.9745	0.9068	0.9028	0.9477	0.5469	0.8852
55.8	0.9484	0.9304	0.9719	0.8937	0.9150	0.9503	0.6580	0.8764
55.9	0.9580	0.9382	0.9740	0.9048	0.9277	0.9547	0.7281	0.8558
56.0	0.9660	0.9378	0.9774	0.9274	0.9293	0.9659	0.7273	0.8219
56.1	0.9620	0.9519	0.9760	0.9145	0.9391	0.9665	0.6581	0.8061
56.2	0.9610	0.9577	0.9780	0.9189	0.9334	0.9664	0.7173	0.8084
56.3	0.9432	0.9525	0.9722	0.8767	0.9203	0.9626	0.7614	0.8545
56.4	0.9440	0.9527	0.9658	0.8753	0.9230	0.9573	0.7895	0.8439
56.5	0.9667	0.9603	0.9749	0.9201	0.9495	0.9674	0.8427	0.8101
56.6	0.9618	0.9607	0.9785	0.9076	0.9473	0.9669	0.8131	0.8062
56.7	0.9365	0.9550	0.9598	0.8494	0.9126	0.9578	0.8202	0.7845
56.8	0.9421	0.9572	0.9649	0.8673	0.9170	0.9700	0.8515	0.8082
56.9	0.9602	0.9601	0.9701	0.9069	0.9326	0.9715	0.7586	0.6071
57.0	0.9655	0.9534	0.9750	0.9149	0.9331	0.9655	0.8319	0.6213
57.1	0.9656	0.9529	0.9685	0.8952	0.9414	0.9602	0.8029	0.5093
57.2	0.9717	0.9611	0.9822	0.9172	0.9435	0.9748	0.8167	0.7219
57.3	0.9783	0.9598	0.9807	0.9381	0.9482	0.9767	0.8268	0.8077
57.4	0.9795	0.9560	0.9805	0.9447	0.9399	0.9742	0.8741	0.8287
57.5	0.9757	0.9669	0.9802	0.9429	0.9462	0.9766	0.9001	0.8527
57.6	0.9793	0.9622	0.9825	0.9489	0.9411	0.9750	0.9182	0.8785
57.7	0.9801	0.9650	0.9858	0.9525	0.9333	0.9764	0.9222	0.8718
57.8	0.9737	0.9558	0.9687	0.9400	0.9200	0.9691	0.8605	0.8214
57.9	0.9678	0.9352	0.9612	0.9339	0.9019	0.9615	0.8308	0.7747
58.0	0.9706	0.9382	0.9672	0.9400	0.9210	0.9661	0.8790	0.7706
58.1	0.9805	0.9331	0.9690	0.9514	0.9214	0.9700	0.8858	0.7526
58.2	0.9848	0.9096	0.9717	0.9541	0.9281	0.9759	0.9048	0.7248
58.3	0.9882	0.9301	0.9777	0.9590	0.9649	0.9699	0.9179	0.7979
58.4	0.9866	0.9606	0.9784	0.9427	0.9586	0.9688	0.9128	0.7864
58.5	0.9813	0.9506	0.9682	0.9276	0.9397	0.9631	0.8859	0.7653
58.6	0.9830	0.9495	0.9649	0.9482	0.9423	0.9600	0.8748	0.7686
58.7	0.9819	0.9510	0.9636	0.9447	0.9467	0.9550	0.8818	0.7506
58.8	0.9881	0.9510	0.9735	0.9541	0.9580	0.9597	0.8936	0.7781
58.9	0.9905	0.9485	0.9752	0.9577	0.9581	0.9670	0.8980	0.7910
59.0	0.9868	0.9424	0.9682	0.9513	0.9321	0.9662	0.8856	0.7408
59.1	0.9803	0.9239	0.9580	0.9355	0.9301	0.9447	0.8911	0.7214
59.2	0.9826	0.9173	0.9655	0.9275	0.9506	0.9500	0.9146	0.7818
59.3	0.9807	0.9255	0.9586	0.9401	0.9597	0.9442	0.9245	0.8151
59.4	0.9844	0.9361	0.9663	0.9514	0.9708	0.9498	0.9356	0.8350
59.5	0.9848	0.9185	0.9633	0.9425	0.9664	0.9411	0.9193	0.7826

59.6	0.9886	0.9090	0.9673	0.9653	0.9688	0.9511	0.9391	0.8367
59.7	0.9832	0.8545	0.9532	0.9560	0.9574	0.9313	0.9105	0.7728
59.8	0.9845	0.8506	0.9520	0.9440	0.9557	0.8957	0.9090	0.6731
59.9	0.9859	0.8594	0.9500	0.9471	0.9583	0.8715	0.9116	0.6797
60.0	0.9860	0.8080	0.9145	0.9266	0.9619	0.8872	0.8820	0.7394
60.1	0.9864	0.8620	0.9340	0.9458	0.9680	0.8456	0.9111	0.7589
60.2	0.9889	0.8628	0.9510	0.9363	0.9711	0.7926	0.9061	0.7499
60.3	0.9913	0.8942	0.9645	0.9505	0.9722	0.8286	0.9165	0.7444
60.4	0.9898	0.8601	0.9470	0.9533	0.9651	0.7680	0.9017	0.6317
60.5	0.9900	0.8763	0.9345	0.9499	0.9670	0.7102	0.8807	0.6111
60.6	0.9904	0.9258	0.9505	0.9516	0.9665	0.7396	0.9163	0.7061
60.7	0.9914	0.8927	0.9392	0.9535	0.9646	0.7067	0.9055	0.6820
60.8	0.9922	0.9025	0.9414	0.9564	0.9618	0.6785	0.9192	0.6315
60.9	0.9919	0.8747	0.9408	0.9521	0.9528	0.5536	0.9229	0.6938
61.0	0.9887	0.8263	0.9117	0.9572	0.9549	0.3056	0.9182	0.6775
61.1	0.9883	0.8565	0.9084	0.9689	0.9618	0.1390	0.8962	0.5913
61.2	0.9929	0.8693	0.9279	0.9722	0.9706	0.0314	0.9000	0.5767
61.3	0.9936	0.8494	0.9352	0.9609	0.9649	0.2465	0.8835	0.5726
61.4	0.9903	0.8445	0.9043	0.9550	0.9718	0.4586	0.8847	0.5428
61.5	0.9911	0.8792	0.8842	0.9640	0.9662	0.4820	0.8558	0.4722
61.6	0.9911	0.8852	0.9343	0.9560	0.9477	0.6982	0.8514	0.4968
61.7	0.9919	0.9179	0.9424	0.9653	0.9644	0.7576	0.8763	0.5558
61.8	0.9923	0.9181	0.9445	0.9685	0.9651	0.7255	0.8630	0.5346
61.9	0.9902	0.9071	0.9504	0.9554	0.9550	0.8024	0.8133	0.4495
62.0	0.9875	0.9056	0.9310	0.9464	0.9530	0.8231	0.7994	0.4647
62.1	0.9893	0.9238	0.9360	0.9403	0.9624	0.8737	0.8239	0.5317
62.2	0.9882	0.9061	0.9291	0.9313	0.9559	0.8550	0.8235	0.5550
62.3	0.9906	0.8997	0.9348	0.9441	0.9523	0.8459	0.8345	0.5527
62.4	0.9868	0.9003	0.9384	0.9438	0.9364	0.8669	0.7678	0.4402
62.5	0.9883	0.9217	0.9374	0.9445	0.9587	0.9209	0.8239	0.5566
62.6	0.9893	0.9248	0.9586	0.9548	0.9616	0.9316	0.8650	0.5878
62.7	0.9876	0.9113	0.9538	0.9595	0.9471	0.9427	0.8336	0.4379
62.8	0.9885	0.9196	0.9434	0.9681	0.9574	0.9513	0.7901	0.3401
62.9	0.9874	0.9293	0.9304	0.9659	0.9666	0.9412	0.7429	0.4078
63.0	0.9924	0.9623	0.9568	0.9750	0.9720	0.9636	0.7846	0.4504
63.1	0.9942	0.9515	0.9711	0.9745	0.9747	0.9716	0.7755	0.4733
63.2	0.9918	0.9395	0.9568	0.9744	0.9738	0.9764	0.7340	0.4263
63.3	0.9893	0.9486	0.9446	0.9752	0.9742	0.9605	0.7078	0.3424
63.4	0.9926	0.9509	0.9509	0.9816	0.9743	0.9627	0.6881	0.4007
63.5	0.9926	0.9545	0.9494	0.9834	0.9731	0.9678	0.7128	0.2844
63.6	0.9930	0.9387	0.9474	0.9847	0.9758	0.9676	0.7821	0.2803
63.7	0.9919	0.9260	0.9424	0.9784	0.9668	0.9679	0.6711	0.2721
63.8	0.9912	0.9381	0.9196	0.9834	0.9623	0.9486	0.6161	0.1550
63.9	0.9885	0.9384	0.9040	0.9753	0.9673	0.9372	0.5899	0.2161
64.0	0.9919	0.9453	0.9110	0.9798	0.9703	0.9485	0.5344	0.1450
64.1	0.9926	0.9479	0.8942	0.9841	0.9676	0.9376	0.5452	0.0779
64.2	0.9927	0.9433	0.9207	0.9871	0.9747	0.9527	0.5555	0.1066
64.3	0.9912	0.9340	0.9028	0.9862	0.9710	0.9502	0.4716	0.0648
64.4	0.9925	0.9365	0.8865	0.9832	0.9709	0.9580	0.4197	0.0372
64.5	0.9927	0.9329	0.8783	0.9827	0.9736	0.9540	0.4764	0.0394
64.6	0.9913	0.9255	0.8560	0.9804	0.9722	0.9349	0.4727	0.0633
64.7	0.9933	0.9335	0.8461	0.9831	0.9755	0.9286	0.5374	0.0685
64.8	0.9959	0.9502	0.8664	0.9865	0.9783	0.9538	0.4565	0.1103
64.9	0.9960	0.9433	0.8515	0.9843	0.9771	0.9560	0.3382	0.2050
65.0	0.9939	0.9220	0.8044	0.9814	0.9722	0.9411	0.2646	0.1277
65.1	0.9930	0.9216	0.7869	0.9823	0.9740	0.9209	0.2410	0.0740
65.2	0.9935	0.8941	0.7688	0.9815	0.9648	0.8988	0.2771	0.0372
65.3	0.9914	0.8661	0.8050	0.9823	0.9709	0.9320	0.2540	0.0506
65.4	0.9935	0.9072	0.8169	0.9884	0.9771	0.9529	0.3501	0.0722
65.5	0.9931	0.9297	0.7656	0.9856	0.9657	0.9471	0.4769	0.1365
65.6	0.9943	0.9218	0.7667	0.9855	0.9668	0.9422	0.4745	0.2453
65.7	0.9950	0.9149	0.8535	0.9876	0.9699	0.9506	0.3373	0.1761
65.8	0.9948	0.9227	0.8888	0.9875	0.9766	0.9672	0.4207	0.2702
65.9	0.9950	0.9194	0.8820	0.9859	0.9777	0.9660	0.5118	0.3325
66.0	0.9947	0.9222	0.8745	0.9849	0.9728	0.9608	0.5024	0.3541
66.1	0.9925	0.9373	0.8470	0.9823	0.9731	0.9624	0.5241	0.4191
66.2	0.9917	0.9500	0.8635	0.9771	0.9653	0.9513	0.4825	0.4524
66.3	0.9920	0.9306	0.8430	0.9757	0.9500	0.9381	0.5588	0.3417
66.4	0.9934	0.9570	0.8572	0.9826	0.9533	0.9628	0.6492	0.2930
66.5	0.9896	0.9544	0.8175	0.9755	0.9543	0.9502	0.5550	0.2220
66.6	0.9913	0.9539	0.8335	0.9783	0.9528	0.9587	0.5739	0.1847
66.7	0.9928	0.9613	0.8456	0.9828	0.9525	0.9628	0.5619	0.1894
66.8	0.9918	0.9565	0.8517	0.9737	0.9416	0.9523	0.5152	0.1675
66.9	0.9903	0.9587	0.8696	0.9747	0.9425	0.9580	0.5473	0.1648
67.0	0.9923	0.9690	0.8728	0.9836	0.9647	0.9724	0.6410	0.1510
67.1	0.9907	0.9761	0.9142	0.9852	0.9686	0.9779	0.7023	0.1979
67.2	0.9891	0.9685	0.8951	0.9761	0.9562	0.9595	0.6302	0.2616
67.3	0.9911	0.9730	0.8566	0.9743	0.9413	0.9563	0.6489	0.3229
67.4	0.9887	0.9731	0.8801	0.9817	0.9608	0.9714	0.6995	0.2712
67.5	0.9895	0.9748	0.9052	0.9882	0.9653	0.9744	0.7018	0.2912
67.6	0.9906	0.9695	0.8824	0.9877	0.9567	0.9658	0.6433	0.2448
67.7	0.9902	0.9722	0.8868	0.9839	0.9491	0.9746	0.6831	0.2198
67.8	0.9886	0.9748	0.8815	0.9810	0.9424	0.9690	0.6729	0.1885
67.9	0.9804	0.9614	0.8671	0.9738	0.9166	0.9568	0.6647	0.1921
68.0	0.9834	0.9622	0.8961	0.9810	0.9295	0.9692	0.7087	0.2810
68.1	0.9850	0.9637	0.8749	0.9864	0.9321	0.9706	0.6762	0.2949

68.2	0.9806	0.9582	0.8557	0.9800	0.9128	0.9550	0.5995	0.2604
68.3	0.9821	0.9588	0.8456	0.9807	0.8996	0.9472	0.6735	0.3816
68.4	0.9853	0.9703	0.8965	0.9853	0.9315	0.9665	0.7807	0.3969
68.5	0.9870	0.9669	0.8946	0.9853	0.9150	0.9640	0.7647	0.3479
68.6	0.9762	0.9452	0.8463	0.9732	0.8747	0.9507	0.7304	0.2909
68.7	0.9805	0.9542	0.8864	0.9813	0.9032	0.9595	0.7381	0.2919
68.8	0.9808	0.9501	0.9029	0.9783	0.8672	0.9579	0.7442	0.3880
68.9	0.9779	0.9616	0.9016	0.9800	0.8621	0.9577	0.7904	0.4124
69.0	0.9757	0.9584	0.8864	0.9810	0.8595	0.9552	0.7226	0.4043
69.1	0.9778	0.9498	0.8894	0.9793	0.8507	0.9539	0.7080	0.3972
69.2	0.9791	0.9612	0.8773	0.9800	0.8415	0.9569	0.7258	0.3175
69.3	0.9780	0.9587	0.8851	0.9792	0.8474	0.9543	0.7300	0.3010
69.4	0.9776	0.9655	0.9062	0.9827	0.8719	0.9584	0.7623	0.2192
69.5	0.9698	0.9660	0.9097	0.9779	0.8485	0.9559	0.7559	0.1673
69.6	0.9736	0.9642	0.9244	0.9751	0.7687	0.9570	0.7707	0.2744
69.7	0.9608	0.9631	0.9190	0.9747	0.6976	0.9523	0.8144	0.4264
69.8	0.9486	0.9474	0.8986	0.9722	0.6097	0.9373	0.8063	0.5544
69.9	0.9495	0.9487	0.9035	0.9722	0.5136	0.9476	0.8635	0.6125
70.0	0.9579	0.9609	0.9148	0.9727	0.5304	0.9611	0.8638	0.5889
70.1	0.9632	0.9605	0.9241	0.9760	0.4977	0.9596	0.8561	0.6095
70.2	0.9626	0.9539	0.9132	0.9736	0.4055	0.9470	0.8275	0.6601
70.3	0.9608	0.9568	0.9049	0.9689	0.4326	0.9523	0.8089	0.6651
70.4	0.9665	0.9681	0.9306	0.9735	0.3880	0.9653	0.8517	0.7748
70.5	0.9706	0.9656	0.9546	0.9756	0.4442	0.9651	0.8902	0.7706
70.6	0.9681	0.9556	0.9422	0.9700	0.4224	0.9533	0.8882	0.7402
70.7	0.9604	0.9415	0.9296	0.9604	0.3536	0.9506	0.8613	0.7326
70.8	0.9581	0.9435	0.9397	0.9625	0.4475	0.9580	0.8701	0.8014
70.9	0.9697	0.9511	0.9584	0.9734	0.3200	0.9586	0.8676	0.7936
71.0	0.9741	0.9652	0.9577	0.9789	0.4150	0.9638	0.8674	0.8165
71.1	0.9658	0.9540	0.9573	0.9725	0.5472	0.9583	0.8663	0.7829
71.2	0.9649	0.9382	0.9572	0.9636	0.6136	0.9530	0.8509	0.8351
71.3	0.9710	0.9513	0.9527	0.9685	0.7077	0.9708	0.8349	0.8453
71.4	0.9793	0.9586	0.9627	0.9781	0.7424	0.9769	0.8524	0.8732
71.5	0.9772	0.9459	0.9627	0.9752	0.7755	0.9727	0.8569	0.8627
71.6	0.9721	0.9340	0.9545	0.9704	0.8018	0.9659	0.8283	0.8345
71.7	0.9729	0.9302	0.9602	0.9699	0.8368	0.9743	0.8275	0.8716
71.8	0.9698	0.8994	0.9436	0.9566	0.8116	0.9702	0.7995	0.8296
71.9	0.9711	0.8283	0.9458	0.9636	0.8285	0.9652	0.7652	0.8504
72.0	0.9757	0.8370	0.9483	0.9648	0.8513	0.9699	0.8616	0.8696
72.1	0.9684	0.8342	0.9452	0.9643	0.8585	0.9643	0.8899	0.8702
72.2	0.9714	0.8133	0.9455	0.9695	0.8527	0.9620	0.8093	0.8523
72.3	0.9733	0.7812	0.9551	0.9704	0.8847	0.9687	0.8170	0.8595
72.4	0.9643	0.7635	0.9526	0.9598	0.8904	0.9670	0.8210	0.8092
72.5	0.9630	0.8012	0.9393	0.9556	0.8806	0.9556	0.8236	0.8146
72.6	0.9737	0.8493	0.9461	0.9662	0.8981	0.9609	0.8457	0.8418
72.7	0.9773	0.8737	0.9543	0.9684	0.9188	0.9646	0.8231	0.8381
72.8	0.9667	0.8944	0.9536	0.9694	0.9272	0.9631	0.8208	0.8213
72.9	0.9707	0.9198	0.9585	0.9662	0.9333	0.9685	0.8717	0.8598
73.0	0.9740	0.8930	0.9453	0.9582	0.9142	0.9614	0.8354	0.8731
73.1	0.9705	0.8792	0.9317	0.9490	0.8929	0.9478	0.7624	0.8626
73.2	0.9663	0.9200	0.9462	0.9620	0.9233	0.9575	0.8002	0.8799
73.3	0.9641	0.9391	0.9600	0.9680	0.9479	0.9720	0.8560	0.9068
73.4	0.9527	0.9367	0.9542	0.9610	0.9429	0.9646	0.8296	0.8899
73.5	0.9539	0.9429	0.9588	0.9715	0.9467	0.9646	0.8211	0.9289
73.6	0.9638	0.9519	0.9614	0.9715	0.9601	0.9668	0.8132	0.9438
73.7	0.9464	0.9250	0.9316	0.9557	0.9340	0.9516	0.7341	0.9117
73.8	0.9347	0.9126	0.9212	0.9553	0.9207	0.9456	0.6916	0.9126
73.9	0.9439	0.9325	0.9463	0.9650	0.9410	0.9610	0.6844	0.9218
74.0	0.9388	0.9266	0.9329	0.9446	0.9348	0.9429	0.6543	0.9209
74.1	0.9416	0.9332	0.9380	0.9426	0.9347	0.9503	0.7161	0.9369
74.2	0.9458	0.9410	0.9444	0.9499	0.9427	0.9563	0.7326	0.9339
74.3	0.9476	0.9428	0.9462	0.9518	0.9450	0.9550	0.6991	0.9332
74.4	0.9595	0.9482	0.9458	0.9473	0.9456	0.9523	0.6214	0.9468
74.5	0.9617	0.9562	0.9552	0.9577	0.9616	0.9630	0.6748	0.9459
74.6	0.9499	0.9481	0.9436	0.9457	0.9518	0.9596	0.6956	0.9204
74.7	0.9545	0.9505	0.9394	0.9344	0.9483	0.9528	0.6476	0.9443
74.8	0.9457	0.9371	0.9293	0.9167	0.9398	0.9413	0.6560	0.9250
74.9	0.9450	0.9452	0.9396	0.9288	0.9507	0.9572	0.6389	0.9271
75.0	0.9288	0.9303	0.9196	0.8968	0.9402	0.9348	0.5326	0.8957
75.1	0.9247	0.9288	0.9075	0.8899	0.9302	0.9267	0.4910	0.8820
75.2	0.9513	0.9472	0.9320	0.8866	0.9367	0.9430	0.5603	0.9375
75.3	0.9521	0.9402	0.9315	0.8586	0.9353	0.9385	0.5411	0.9253
75.4	0.9346	0.9289	0.9161	0.8341	0.9330	0.9301	0.4861	0.9112
75.5	0.9570	0.9516	0.9385	0.8522	0.9511	0.9481	0.5364	0.9316
75.6	0.9657	0.9611	0.9504	0.8460	0.9631	0.9590	0.5647	0.9479
75.7	0.9647	0.9581	0.9394	0.8594	0.9566	0.9511	0.4506	0.9433
75.8	0.9381	0.9336	0.9110	0.7990	0.9273	0.9119	0.4980	0.9205
75.9	0.9437	0.9328	0.9070	0.7542	0.9327	0.9062	0.4966	0.9431
76.0	0.9416	0.9367	0.9066	0.8020	0.9367	0.9282	0.4097	0.9372
76.1	0.9326	0.9339	0.8923	0.8081	0.9396	0.9241	0.4775	0.9121
76.2	0.9381	0.9344	0.8839	0.6945	0.9446	0.9161	0.4198	0.9067
76.3	0.9297	0.9224	0.8746	0.7393	0.9312	0.9110	0.4075	0.8886
76.4	0.9530	0.9442	0.9082	0.7798	0.9482	0.9459	0.4000	0.8919
76.5	0.9628	0.9651	0.9304	0.8121	0.9642	0.9636	0.4639	0.9199
76.6	0.9501	0.9541	0.9211	0.7525	0.9512	0.9449	0.4660	0.9195
76.7	0.9424	0.9460	0.9026	0.7065	0.9544	0.9241	0.5004	0.9125

76.8	0.9381	0.9490	0.8994	0.7604	0.9555	0.9309	0.6023	0.9119
76.9	0.9266	0.9382	0.8616	0.6844	0.9347	0.9191	0.5151	0.8673
77.0	0.9334	0.9424	0.8766	0.7337	0.9307	0.9221	0.4972	0.8911
77.1	0.9070	0.9080	0.8250	0.7120	0.9128	0.8919	0.3798	0.8755
77.2	0.9226	0.9308	0.8446	0.6823	0.9303	0.9149	0.2793	0.8873
77.3	0.9222	0.9299	0.8416	0.6207	0.9233	0.9026	0.4544	0.8801
77.4	0.9297	0.9267	0.8505	0.7295	0.9273	0.8899	0.4741	0.8645
77.5	0.9427	0.9481	0.8857	0.7533	0.9470	0.9161	0.4473	0.9016
77.6	0.9361	0.9415	0.8726	0.7687	0.9418	0.9055	0.5785	0.9008
77.7	0.9125	0.9249	0.8391	0.7228	0.9289	0.8778	0.6295	0.8773
77.8	0.8926	0.9040	0.7951	0.6531	0.9145	0.8471	0.6580	0.8530
77.9	0.9290	0.9363	0.8480	0.7261	0.9428	0.8869	0.6961	0.9021
78.0	0.9398	0.9434	0.8702	0.7891	0.9413	0.9030	0.7130	0.9104
78.1	0.9243	0.9279	0.8280	0.6683	0.9313	0.8411	0.7063	0.8793
78.2	0.9029	0.9185	0.7836	0.6323	0.9316	0.8330	0.6442	0.9005
78.3	0.9122	0.9174	0.7980	0.6595	0.9178	0.8612	0.6497	0.8947
78.4	0.8885	0.8950	0.7573	0.5795	0.8896	0.8264	0.5774	0.8691
78.5	0.8952	0.8936	0.7511	0.5588	0.8879	0.8081	0.5479	0.8340
78.6	0.9033	0.8974	0.7962	0.5037	0.8930	0.7706	0.6034	0.8477
78.7	0.9118	0.9137	0.7927	0.5887	0.9182	0.7788	0.7165	0.8866
78.8	0.9117	0.9225	0.8017	0.5939	0.9295	0.7710	0.6465	0.8433
78.9	0.9006	0.9063	0.8028	0.6542	0.9102	0.7595	0.6870	0.8484
79.0	0.9066	0.9024	0.7836	0.6984	0.9025	0.7616	0.6589	0.8602
79.1	0.9128	0.9098	0.8246	0.7307	0.9170	0.7727	0.7015	0.8630
79.2	0.8917	0.8873	0.8163	0.7008	0.9004	0.7408	0.6323	0.8216
79.3	0.8992	0.8952	0.8029	0.6603	0.8830	0.7670	0.4549	0.7927
79.4	0.9081	0.9112	0.8026	0.6588	0.8876	0.8082	0.3428	0.8280
79.5	0.8657	0.8664	0.7212	0.5312	0.8641	0.6813	0.2507	0.7574
79.6	0.9026	0.9044	0.7496	0.6038	0.8963	0.7365	0.3978	0.7686
79.7	0.9064	0.9072	0.7780	0.5666	0.8873	0.7121	0.4428	0.7162
79.8	0.8976	0.8926	0.7203	0.4290	0.8756	0.6468	0.6396	0.6063
79.9	0.9074	0.8959	0.7273	0.4941	0.8637	0.7198	0.5996	0.6556
80.0	0.9371	0.9116	0.7854	0.6056	0.9159	0.7894	0.7175	0.7805

2.2.72 Run 6 – VT000-200 – Accels 41–47

Vertical shaking at 0° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.5521	0.5760	0.5825	0.5605	0.5114	0.2244	0.0775
0.1	0.0368	0.0565	0.0357	0.0680	0.0344	0.0169	0.0069
0.2	0.0642	0.0289	0.0531	0.0345	0.0127	0.0141	0.0174
0.3	0.0769	0.0191	0.0697	0.0047	0.0028	0.0298	0.0000
0.4	0.0051	0.0066	0.0730	0.0117	0.0149	0.0089	0.0130
0.5	0.0150	0.0237	0.0038	0.0096	0.0292	0.0016	0.0161
0.6	0.0487	0.0268	0.0216	0.0183	0.0033	0.0023	0.0250
0.7	0.0129	0.0059	0.0223	0.0543	0.0253	0.0231	0.0049
0.8	0.0095	0.0125	0.0084	0.0034	0.0114	0.1103	0.0029
0.9	0.0268	0.0780	0.1151	0.0602	0.0694	0.1055	0.0174
1.0	0.0039	0.0519	0.0828	0.0026	0.0666	0.0079	0.0425
1.1	0.0466	0.1445	0.1741	0.0249	0.0384	0.0008	0.0229
1.2	0.0602	0.1268	0.1378	0.0332	0.0257	0.0155	0.0723
1.3	0.0187	0.1594	0.3188	0.0931	0.0245	0.0182	0.0364
1.4	0.0201	0.1060	0.4702	0.3100	0.0264	0.0386	0.0004
1.5	0.1689	0.2267	0.5389	0.3687	0.2260	0.0532	0.0024
1.6	0.4543	0.5342	0.5898	0.4473	0.5277	0.0171	0.0227
1.7	0.7044	0.8103	0.4692	0.4408	0.8100	0.0747	0.0361
1.8	0.7565	0.8448	0.5079	0.6245	0.7868	0.0528	0.0105
1.9	0.7409	0.7892	0.4290	0.6499	0.7076	0.0014	0.0057
2.0	0.8538	0.6989	0.6970	0.8003	0.6880	0.0163	0.1062
2.1	0.8032	0.3083	0.7576	0.8447	0.3073	0.2149	0.2549
2.2	0.6737	0.2524	0.8156	0.6167	0.2604	0.3515	0.1202
2.3	0.3944	0.5455	0.7439	0.3713	0.5448	0.3815	0.1266
2.4	0.5410	0.8393	0.8670	0.5465	0.7611	0.5184	0.0626
2.5	0.5980	0.9223	0.9229	0.6178	0.8854	0.4922	0.0702
2.6	0.5804	0.8883	0.9113	0.6204	0.8543	0.4426	0.0763
2.7	0.5035	0.8629	0.9357	0.5681	0.8473	0.5501	0.0221
2.8	0.5335	0.8244	0.9526	0.6201	0.8227	0.5078	0.0031
2.9	0.6440	0.7938	0.9481	0.6434	0.7671	0.5918	0.0341
3.0	0.6174	0.7012	0.9427	0.6465	0.6233	0.5535	0.0254
3.1	0.4395	0.4735	0.9245	0.5787	0.5171	0.5622	0.0004
3.2	0.5486	0.5672	0.9139	0.5308	0.5153	0.5719	0.0255
3.3	0.6112	0.5340	0.8835	0.6201	0.3189	0.4069	0.0575
3.4	0.5336	0.4516	0.8937	0.6203	0.2862	0.3426	0.0075
3.5	0.2663	0.3117	0.8699	0.3363	0.1937	0.2517	0.0163
3.6	0.1256	0.2031	0.8614	0.0845	0.2142	0.2593	0.0062
3.7	0.3121	0.4572	0.9064	0.1578	0.4321	0.5688	0.0070
3.8	0.7970	0.8497	0.9894	0.7609	0.7877	0.9244	0.0189
3.9	0.9334	0.8924	0.9952	0.9138	0.8815	0.9726	0.0243
4.0	0.9454	0.9430	0.9966	0.9402	0.9335	0.9870	0.0157
4.1	0.9314	0.9507	0.9960	0.9357	0.9382	0.9823	0.0016
4.2	0.8924	0.9224	0.9968	0.8936	0.9334	0.9726	0.0149
4.3	0.8569	0.9047	0.9957	0.8652	0.8979	0.9676	0.0108
4.4	0.8259	0.9103	0.9942	0.8403	0.8742	0.9663	0.0161
4.5	0.8383	0.9118	0.9958	0.8694	0.8529	0.9696	0.0170
4.6	0.8450	0.7928	0.9935	0.7936	0.7662	0.9584	0.0184
4.7	0.7072	0.8031	0.9950	0.7487	0.7491	0.9670	0.0012
4.8	0.5825	0.6747	0.9947	0.6368	0.6188	0.9572	0.0083
4.9	0.5508	0.2685	0.9935	0.5697	0.4161	0.9526	0.0150
5.0	0.5136	0.3507	0.9887	0.5114	0.2948	0.9648	0.0117
5.1	0.5895	0.5806	0.9942	0.6114	0.6704	0.9842	0.0029
5.2	0.3314	0.4736	0.9901	0.3742	0.6915	0.9796	0.0307
5.3	0.6390	0.0375	0.9913	0.5764	0.4838	0.9675	0.0094
5.4	0.6478	0.0954	0.9834	0.6869	0.1344	0.9200	0.0215
5.5	0.4602	0.2756	0.9721	0.5526	0.1728	0.8878	0.0241
5.6	0.4667	0.3569	0.9711	0.3854	0.3649	0.9118	0.0032
5.7	0.7183	0.6153	0.9903	0.7157	0.5692	0.9816	0.0056
5.8	0.8262	0.7526	0.9950	0.8162	0.6817	0.9906	0.0372
5.9	0.8954	0.6193	0.9955	0.8818	0.5168	0.9938	0.0412
6.0	0.9421	0.5078	0.9945	0.9326	0.6040	0.9936	0.0179
6.1	0.9541	0.4790	0.9909	0.9398	0.6605	0.9922	0.0227
6.2	0.9714	0.8400	0.9946	0.9525	0.8376	0.9950	0.1689
6.3	0.9798	0.9525	0.9941	0.9579	0.9483	0.9937	0.1908
6.4	0.9600	0.9546	0.9901	0.9095	0.9638	0.9890	0.0124
6.5	0.9652	0.9727	0.9918	0.8975	0.9703	0.9913	0.0278
6.6	0.9525	0.9725	0.9894	0.8540	0.9654	0.9894	0.0214
6.7	0.9396	0.9718	0.9856	0.7181	0.9747	0.9850	0.0659
6.8	0.8971	0.9651	0.9689	0.5703	0.9740	0.9698	0.0325
6.9	0.8319	0.9294	0.9389	0.5976	0.9486	0.9384	0.0107
7.0	0.6476	0.8710	0.8831	0.5650	0.9031	0.8826	0.0362
7.1	0.5426	0.8203	0.8544	0.6782	0.8098	0.8545	0.1297
7.2	0.7823	0.8246	0.9345	0.8881	0.8386	0.9338	0.4942
7.3	0.8923	0.5948	0.9472	0.9305	0.6689	0.9463	0.4715
7.4	0.9334	0.3314	0.9564	0.9686	0.6155	0.9556	0.1549
7.5	0.8953	0.1830	0.9356	0.9597	0.2196	0.9349	0.1322
7.6	0.9554	0.7914	0.9805	0.9782	0.1033	0.9802	0.5728
7.7	0.9666	0.8134	0.9906	0.9803	0.3405	0.9901	0.1732
7.8	0.9594	0.8685	0.9955	0.9747	0.6210	0.9951	0.0821
7.9	0.9671	0.9224	0.9986	0.9784	0.7556	0.9985	0.0947

8.0	0.9654	0.9037	0.9946	0.9732	0.7491	0.9945	0.0852
8.1	0.9736	0.9062	0.9971	0.9786	0.7622	0.9967	0.1165
8.2	0.9776	0.9419	0.9984	0.9821	0.8755	0.9982	0.2995
8.3	0.9830	0.9619	0.9988	0.9878	0.8995	0.9985	0.2201
8.4	0.9853	0.9598	0.9987	0.9889	0.9062	0.9986	0.1417
8.5	0.9843	0.9608	0.9984	0.9881	0.9057	0.9984	0.1221
8.6	0.9870	0.9620	0.9976	0.9898	0.8683	0.9976	0.3564
8.7	0.9816	0.9362	0.9954	0.9842	0.7345	0.9959	0.2243
8.8	0.9823	0.9283	0.9916	0.9843	0.6122	0.9913	0.1614
8.9	0.9859	0.9365	0.9878	0.9837	0.5484	0.9883	0.0828
9.0	0.9804	0.9189	0.9780	0.9777	0.4331	0.9783	0.1495
9.1	0.9842	0.9013	0.9834	0.9841	0.2209	0.9842	0.2383
9.2	0.9679	0.8585	0.9565	0.9624	0.3318	0.9576	0.5883
9.3	0.9458	0.8006	0.9250	0.9349	0.7408	0.9250	0.7852
9.4	0.9545	0.8818	0.9397	0.9407	0.8914	0.9387	0.7221
9.5	0.9689	0.9547	0.9679	0.9597	0.9608	0.9667	0.8356
9.6	0.9659	0.9548	0.9720	0.9462	0.9749	0.9704	0.3363
9.7	0.9688	0.9481	0.9802	0.9441	0.9699	0.9784	0.0264
9.8	0.9695	0.9569	0.9846	0.9260	0.9707	0.9821	0.0901
9.9	0.9717	0.9458	0.9904	0.9362	0.9496	0.9882	0.2661
10.0	0.9680	0.9059	0.9935	0.9461	0.8912	0.9929	0.4724
10.1	0.9753	0.9450	0.9931	0.9486	0.9236	0.9915	0.0668
10.2	0.9882	0.9760	0.9966	0.9765	0.9601	0.9946	0.0697
10.3	0.9923	0.9757	0.9966	0.9857	0.9632	0.9938	0.2787
10.4	0.9950	0.9812	0.9987	0.9898	0.9834	0.9978	0.8082
10.5	0.9919	0.9779	0.9957	0.9835	0.9792	0.9938	0.1403
10.6	0.9918	0.9854	0.9982	0.9879	0.9866	0.9975	0.0658
10.7	0.9920	0.9846	0.9988	0.9900	0.9811	0.9972	0.0784
10.8	0.9935	0.9787	0.9990	0.9890	0.9712	0.9961	0.3045
10.9	0.9950	0.9859	0.9991	0.9934	0.9796	0.9973	0.2406
11.0	0.9950	0.9903	0.9991	0.9955	0.9896	0.9975	0.0469
11.1	0.9973	0.9935	0.9992	0.9972	0.9925	0.9980	0.5664
11.2	0.9967	0.9911	0.9991	0.9959	0.9916	0.9982	0.0174
11.3	0.9976	0.9926	0.9992	0.9969	0.9920	0.9978	0.0417
11.4	0.9972	0.9922	0.9990	0.9961	0.9901	0.9976	0.0575
11.5	0.9978	0.9942	0.9993	0.9977	0.9928	0.9981	0.0807
11.6	0.9967	0.9920	0.9988	0.9962	0.9905	0.9974	0.0113
11.7	0.9978	0.9927	0.9988	0.9971	0.9880	0.9981	0.0133
11.8	0.9976	0.9945	0.9987	0.9976	0.9924	0.9981	0.0324
11.9	0.9981	0.9940	0.9987	0.9977	0.9914	0.9981	0.2426
12.0	0.9976	0.9923	0.9987	0.9973	0.9922	0.9981	0.7035
12.1	0.9976	0.9929	0.9983	0.9972	0.9927	0.9975	0.6176
12.2	0.9972	0.9935	0.9976	0.9972	0.9920	0.9969	0.9212
12.3	0.9973	0.9920	0.9981	0.9978	0.9889	0.9983	0.2449
12.4	0.9975	0.9902	0.9979	0.9977	0.9902	0.9983	0.4206
12.5	0.9971	0.9876	0.9973	0.9976	0.9866	0.9983	0.9789
12.6	0.9968	0.9856	0.9973	0.9969	0.9855	0.9980	0.9690
12.7	0.9967	0.9839	0.9971	0.9967	0.9836	0.9978	0.6684
12.8	0.9965	0.9836	0.9971	0.9964	0.9842	0.9975	0.6329
12.9	0.9966	0.9844	0.9967	0.9945	0.9837	0.9969	0.6269
13.0	0.9972	0.9919	0.9973	0.9951	0.9915	0.9968	0.8230
13.1	0.9968	0.9925	0.9964	0.9943	0.9915	0.9965	0.9614
13.2	0.9954	0.9889	0.9938	0.9926	0.9877	0.9961	0.9784
13.3	0.9938	0.9824	0.9922	0.9922	0.9816	0.9967	0.9669
13.4	0.9927	0.9706	0.9894	0.9909	0.9685	0.9946	0.8358
13.5	0.9885	0.9587	0.9866	0.9868	0.9554	0.9895	0.8295
13.6	0.9833	0.9342	0.9840	0.9849	0.9294	0.9806	0.8995
13.7	0.9845	0.9402	0.9892	0.9890	0.9381	0.9817	0.9254
13.8	0.9840	0.9582	0.9951	0.9894	0.9564	0.9831	0.9455
13.9	0.9733	0.9620	0.9889	0.9783	0.9598	0.9766	0.9471
14.0	0.9719	0.9727	0.9817	0.9739	0.9709	0.9767	0.9109
14.1	0.9376	0.9620	0.9544	0.9392	0.9558	0.9503	0.8994
14.2	0.9240	0.9340	0.9376	0.9249	0.9240	0.9301	0.8808
14.3	0.9400	0.9331	0.9488	0.9406	0.9276	0.9425	0.8999
14.4	0.9246	0.8730	0.9398	0.9256	0.8710	0.9272	0.7654
14.5	0.9651	0.9248	0.9705	0.9654	0.9260	0.9647	0.8380
14.6	0.9747	0.9206	0.9772	0.9746	0.9255	0.9733	0.9177
14.7	0.9886	0.9403	0.9889	0.9885	0.9505	0.9864	0.9367
14.8	0.9898	0.9132	0.9904	0.9897	0.9414	0.9885	0.8948
14.9	0.9923	0.9239	0.9920	0.9923	0.9444	0.9909	0.5736
15.0	0.9948	0.9326	0.9940	0.9946	0.9493	0.9935	0.5872
15.1	0.9961	0.9253	0.9946	0.9960	0.9342	0.9941	0.7067
15.2	0.9952	0.9026	0.9938	0.9949	0.8890	0.9928	0.5366
15.3	0.9967	0.9158	0.9939	0.9965	0.8958	0.9932	0.1657
15.4	0.9969	0.9122	0.9939	0.9969	0.8877	0.9928	0.0356
15.5	0.9978	0.9079	0.9946	0.9975	0.8802	0.9940	0.0547
15.6	0.9975	0.9081	0.9947	0.9971	0.8710	0.9945	0.1082
15.7	0.9981	0.8950	0.9949	0.9976	0.8608	0.9945	0.0835
15.8	0.9978	0.8703	0.9917	0.9975	0.8192	0.9904	0.0788
15.9	0.9981	0.8817	0.9927	0.9978	0.8321	0.9915	0.1539
16.0	0.9982	0.8358	0.9938	0.9977	0.7955	0.9926	0.3201
16.1	0.9983	0.8527	0.9945	0.9979	0.7978	0.9934	0.6946
16.2	0.9989	0.8483	0.9945	0.9987	0.7993	0.9933	0.2282
16.3	0.9992	0.8063	0.9950	0.9991	0.7586	0.9937	0.4303
16.4	0.9990	0.7023	0.9941	0.9989	0.6452	0.9924	0.9393
16.5	0.9992	0.6953	0.9943	0.9990	0.6590	0.9930	0.8774

16.6	0.9991	0.5652	0.9937	0.9988	0.4939	0.9922	0.5273
16.7	0.9986	0.3761	0.9939	0.9984	0.2203	0.9927	0.3148
16.8	0.9988	0.2427	0.9938	0.9986	0.1034	0.9920	0.2532
16.9	0.9987	0.2955	0.9946	0.9984	0.0945	0.9928	0.2756
17.0	0.9984	0.4066	0.9943	0.9985	0.0461	0.9929	0.3569
17.1	0.9985	0.3987	0.9949	0.9986	0.0332	0.9946	0.2735
17.2	0.9986	0.3297	0.9964	0.9984	0.0746	0.9960	0.2260
17.3	0.9990	0.6349	0.9969	0.9986	0.3292	0.9964	0.7200
17.4	0.9992	0.7181	0.9958	0.9990	0.4086	0.9958	0.8669
17.5	0.9989	0.8266	0.9957	0.9987	0.6223	0.9955	0.4336
17.6	0.9988	0.8930	0.9962	0.9988	0.7124	0.9961	0.3909
17.7	0.9988	0.9218	0.9963	0.9988	0.7536	0.9963	0.5186
17.8	0.9986	0.9164	0.9938	0.9986	0.8232	0.9943	0.5611
17.9	0.9982	0.9347	0.9924	0.9984	0.8428	0.9942	0.1657
18.0	0.9983	0.9238	0.9928	0.9984	0.8078	0.9947	0.6718
18.1	0.9988	0.9274	0.9945	0.9988	0.8530	0.9956	0.2329
18.2	0.9986	0.9289	0.9940	0.9988	0.8656	0.9957	0.1727
18.3	0.9986	0.9333	0.9944	0.9989	0.8744	0.9958	0.1910
18.4	0.9986	0.9270	0.9942	0.9989	0.8712	0.9944	0.2832
18.5	0.9991	0.9035	0.9950	0.9992	0.8748	0.9954	0.3987
18.6	0.9988	0.9113	0.9941	0.9987	0.8592	0.9941	0.1708
18.7	0.9985	0.9239	0.9918	0.9984	0.8652	0.9936	0.0934
18.8	0.9990	0.9211	0.9933	0.9990	0.8863	0.9948	0.0508
18.9	0.9986	0.9231	0.9935	0.9987	0.8956	0.9942	0.1044
19.0	0.9985	0.9293	0.9930	0.9985	0.9061	0.9941	0.4355
19.1	0.9990	0.9163	0.9938	0.9988	0.8855	0.9953	0.3779
19.2	0.9990	0.9238	0.9950	0.9986	0.9107	0.9940	0.1706
19.3	0.9987	0.9153	0.9944	0.9983	0.9026	0.9933	0.2065
19.4	0.9986	0.9399	0.9958	0.9986	0.9166	0.9944	0.2839
19.5	0.9988	0.9416	0.9969	0.9983	0.9185	0.9965	0.3351
19.6	0.9986	0.9147	0.9960	0.9981	0.9009	0.9947	0.5276
19.7	0.9983	0.8778	0.9938	0.9979	0.8591	0.9921	0.4205
19.8	0.9990	0.9330	0.9958	0.9987	0.9180	0.9944	0.4434
19.9	0.9982	0.9340	0.9959	0.9979	0.9213	0.9948	0.7926
20.0	0.9981	0.9113	0.9979	0.9980	0.9164	0.9968	0.7213
20.1	0.9980	0.8992	0.9974	0.9978	0.9045	0.9964	0.4918
20.2	0.9985	0.9119	0.9975	0.9981	0.9090	0.9972	0.2982
20.3	0.9974	0.7826	0.9955	0.9971	0.7804	0.9944	0.1104
20.4	0.9980	0.8272	0.9968	0.9978	0.8279	0.9961	0.6302
20.5	0.9983	0.8660	0.9965	0.9983	0.8676	0.9961	0.8088
20.6	0.9984	0.8358	0.9974	0.9979	0.8254	0.9967	0.5092
20.7	0.9984	0.7610	0.9974	0.9980	0.7634	0.9961	0.3670
20.8	0.9983	0.7715	0.9969	0.9980	0.7675	0.9950	0.2466
20.9	0.9980	0.7356	0.9968	0.9974	0.7229	0.9936	0.4898
21.0	0.9979	0.6338	0.9945	0.9973	0.6106	0.9918	0.4480
21.1	0.9978	0.7023	0.9948	0.9977	0.6991	0.9930	0.7947
21.2	0.9983	0.6909	0.9960	0.9985	0.6723	0.9939	0.8364
21.3	0.9982	0.5898	0.9947	0.9983	0.6033	0.9944	0.6987
21.4	0.9989	0.6091	0.9962	0.9989	0.6317	0.9960	0.4850
21.5	0.9990	0.5428	0.9955	0.9990	0.5473	0.9952	0.5499
21.6	0.9989	0.4956	0.9961	0.9990	0.5010	0.9966	0.5135
21.7	0.9982	0.4889	0.9959	0.9986	0.5011	0.9961	0.3228
21.8	0.9982	0.5246	0.9957	0.9986	0.5348	0.9958	0.2529
21.9	0.9975	0.4043	0.9944	0.9980	0.4107	0.9941	0.1984
22.0	0.9983	0.3314	0.9965	0.9985	0.3582	0.9969	0.2801
22.1	0.9984	0.4447	0.9959	0.9985	0.4516	0.9967	0.8157
22.2	0.9989	0.4793	0.9973	0.9986	0.4765	0.9976	0.2811
22.3	0.9988	0.3943	0.9969	0.9986	0.3955	0.9976	0.2454
22.4	0.9988	0.4115	0.9969	0.9988	0.3695	0.9980	0.2933
22.5	0.9991	0.4601	0.9972	0.9991	0.4319	0.9983	0.1847
22.6	0.9992	0.3463	0.9973	0.9993	0.3039	0.9981	0.3575
22.7	0.9991	0.4165	0.9981	0.9991	0.3236	0.9990	0.3499
22.8	0.9994	0.5526	0.9984	0.9992	0.4483	0.9987	0.2845
22.9	0.9994	0.6775	0.9984	0.9994	0.6291	0.9987	0.6865
23.0	0.9996	0.7565	0.9984	0.9996	0.7234	0.9989	0.5197
23.1	0.9994	0.7331	0.9979	0.9994	0.7026	0.9986	0.2094
23.2	0.9994	0.7581	0.9985	0.9995	0.7414	0.9986	0.2920
23.3	0.9995	0.7551	0.9984	0.9995	0.7474	0.9988	0.4595
23.4	0.9996	0.7953	0.9984	0.9995	0.7830	0.9986	0.2264
23.5	0.9995	0.7621	0.9976	0.9992	0.7539	0.9978	0.1839
23.6	0.9995	0.7980	0.9982	0.9994	0.7996	0.9986	0.6838
23.7	0.9995	0.7966	0.9978	0.9995	0.8006	0.9987	0.3827
23.8	0.9993	0.8075	0.9957	0.9991	0.8139	0.9984	0.2317
23.9	0.9991	0.8347	0.9946	0.9990	0.8394	0.9982	0.3748
24.0	0.9991	0.8019	0.9956	0.9990	0.8198	0.9979	0.5298
24.1	0.9988	0.7502	0.9953	0.9986	0.7907	0.9977	0.3105
24.2	0.9991	0.7969	0.9965	0.9989	0.8307	0.9981	0.2506
24.3	0.9985	0.7445	0.9939	0.9983	0.7803	0.9975	0.1610
24.4	0.9986	0.7208	0.9950	0.9980	0.7534	0.9977	0.2640
24.5	0.9984	0.5797	0.9950	0.9979	0.6707	0.9973	0.4335
24.6	0.9988	0.5902	0.9955	0.9986	0.6746	0.9975	0.3653
24.7	0.9992	0.5993	0.9972	0.9991	0.6982	0.9970	0.1773
24.8	0.9993	0.6249	0.9983	0.9992	0.7351	0.9971	0.0896
24.9	0.9994	0.6339	0.9971	0.9994	0.7280	0.9958	0.3364
25.0	0.9995	0.6672	0.9970	0.9995	0.7490	0.9958	0.5376
25.1	0.9994	0.6300	0.9973	0.9993	0.7354	0.9959	0.6806

25.2	0.9992	0.5763	0.9967	0.9991	0.6894	0.9954	0.8183
25.3	0.9992	0.6317	0.9975	0.9991	0.7501	0.9957	0.8708
25.4	0.9993	0.5354	0.9973	0.9993	0.6912	0.9957	0.9270
25.5	0.9991	0.5180	0.9964	0.9991	0.6888	0.9948	0.8712
25.6	0.9991	0.6938	0.9971	0.9991	0.7942	0.9961	0.4725
25.7	0.9987	0.6687	0.9962	0.9989	0.7905	0.9916	0.5094
25.8	0.9992	0.7262	0.9968	0.9993	0.8206	0.9918	0.8376
25.9	0.9994	0.7124	0.9963	0.9994	0.8048	0.9928	0.4744
26.0	0.9993	0.7314	0.9938	0.9991	0.8072	0.9865	0.5916
26.1	0.9993	0.7845	0.9918	0.9992	0.8476	0.9845	0.9294
26.2	0.9995	0.8334	0.9907	0.9995	0.8654	0.9788	0.9235
26.3	0.9995	0.8954	0.9944	0.9996	0.9006	0.9783	0.7631
26.4	0.9997	0.8771	0.9948	0.9996	0.8933	0.9823	0.6981
26.5	0.9995	0.8948	0.9930	0.9996	0.8913	0.9885	0.8274
26.6	0.9994	0.9002	0.9953	0.9994	0.8855	0.9918	0.8639
26.7	0.9994	0.9167	0.9955	0.9994	0.8975	0.9940	0.8740
26.8	0.9993	0.9099	0.9956	0.9993	0.8625	0.9947	0.8892
26.9	0.9994	0.9295	0.9968	0.9993	0.8595	0.9967	0.7400
27.0	0.9992	0.8975	0.9972	0.9991	0.7654	0.9961	0.7436
27.1	0.9994	0.9239	0.9976	0.9994	0.7945	0.9971	0.6654
27.2	0.9993	0.8897	0.9955	0.9993	0.7055	0.9966	0.4342
27.3	0.9992	0.8803	0.9965	0.9995	0.6651	0.9967	0.4247
27.4	0.9995	0.8485	0.9964	0.9995	0.5190	0.9964	0.6440
27.5	0.9993	0.8361	0.9951	0.9995	0.5342	0.9959	0.7727
27.6	0.9991	0.8397	0.9903	0.9992	0.5487	0.9935	0.8218
27.7	0.9994	0.8789	0.9898	0.9994	0.6114	0.9939	0.9095
27.8	0.9991	0.7749	0.9832	0.9992	0.4165	0.9919	0.9645
27.9	0.9991	0.8047	0.9848	0.9993	0.4429	0.9944	0.9403
28.0	0.9989	0.7241	0.9818	0.9991	0.3479	0.9945	0.8854
28.1	0.9991	0.7537	0.9835	0.9991	0.4364	0.9962	0.7399
28.2	0.9992	0.6777	0.9815	0.9990	0.4695	0.9955	0.8201
28.3	0.9992	0.5797	0.9846	0.9993	0.4951	0.9958	0.7877
28.4	0.9992	0.5085	0.9859	0.9994	0.3811	0.9958	0.7010
28.5	0.9990	0.4607	0.9826	0.9992	0.2171	0.9952	0.4452
28.6	0.9992	0.3348	0.9923	0.9992	0.3165	0.9972	0.3592
28.7	0.9991	0.3079	0.9919	0.9989	0.2294	0.9957	0.2442
28.8	0.9986	0.3157	0.9900	0.9985	0.1716	0.9951	0.0863
28.9	0.9982	0.2675	0.9863	0.9983	0.2928	0.9948	0.1830
29.0	0.9980	0.3375	0.9888	0.9980	0.2306	0.9955	0.1079
29.1	0.9982	0.5338	0.9922	0.9985	0.1510	0.9962	0.0766
29.2	0.9983	0.5908	0.9926	0.9983	0.0683	0.9954	0.0539
29.3	0.9978	0.5884	0.9920	0.9978	0.0407	0.9951	0.0461
29.4	0.9980	0.4756	0.9909	0.9978	0.0656	0.9954	0.1217
29.5	0.9979	0.4726	0.9924	0.9978	0.1104	0.9955	0.3946
29.6	0.9987	0.5943	0.9928	0.9988	0.2474	0.9966	0.5910
29.7	0.9990	0.5294	0.9922	0.9989	0.2641	0.9968	0.3547
29.8	0.9986	0.3261	0.9874	0.9984	0.2233	0.9946	0.0715
29.9	0.9972	0.3941	0.9825	0.9972	0.2888	0.9921	0.0767
30.0	0.9977	0.3605	0.9899	0.9978	0.3483	0.9929	0.0929
30.1	0.9989	0.2202	0.9956	0.9986	0.4161	0.9939	0.2747
30.2	0.9988	0.3497	0.9946	0.9986	0.2908	0.9948	0.1780
30.3	0.9991	0.3921	0.9964	0.9990	0.3930	0.9954	0.1587
30.4	0.9990	0.2069	0.9966	0.9989	0.5106	0.9943	0.2387
30.5	0.9983	0.2063	0.9960	0.9983	0.5420	0.9938	0.3681
30.6	0.9989	0.2927	0.9970	0.9991	0.6215	0.9959	0.5728
30.7	0.9988	0.1474	0.9973	0.9988	0.5963	0.9959	0.3826
30.8	0.9979	0.1122	0.9961	0.9983	0.4576	0.9949	0.4695
30.9	0.9983	0.0850	0.9958	0.9983	0.3786	0.9956	0.6014
31.0	0.9974	0.1010	0.9956	0.9973	0.4260	0.9938	0.7681
31.1	0.9977	0.2142	0.9968	0.9979	0.3982	0.9940	0.7355
31.2	0.9976	0.2737	0.9964	0.9979	0.3055	0.9928	0.8350
31.3	0.9968	0.1929	0.9953	0.9978	0.2679	0.9887	0.6906
31.4	0.9965	0.2355	0.9962	0.9978	0.2739	0.9866	0.5714
31.5	0.9963	0.2386	0.9949	0.9974	0.2181	0.9766	0.5950
31.6	0.9968	0.2445	0.9962	0.9981	0.2857	0.9790	0.7892
31.7	0.9958	0.3304	0.9956	0.9976	0.2962	0.9700	0.5679
31.8	0.9952	0.3331	0.9947	0.9968	0.3189	0.9625	0.6807
31.9	0.9958	0.5001	0.9950	0.9977	0.4256	0.9672	0.8743
32.0	0.9957	0.6145	0.9946	0.9981	0.5379	0.9679	0.6334
32.1	0.9947	0.6578	0.9945	0.9976	0.6259	0.9708	0.5648
32.2	0.9961	0.7262	0.9958	0.9978	0.7383	0.9828	0.7704
32.3	0.9962	0.7356	0.9943	0.9980	0.7294	0.9827	0.9753
32.4	0.9950	0.7633	0.9946	0.9983	0.7430	0.9874	0.9526
32.5	0.9955	0.8065	0.9939	0.9979	0.8265	0.9872	0.9605
32.6	0.9968	0.7893	0.9911	0.9968	0.8086	0.9857	0.9522
32.7	0.9972	0.8329	0.9924	0.9980	0.8496	0.9928	0.8616
32.8	0.9956	0.8527	0.9905	0.9969	0.8609	0.9918	0.8826
32.9	0.9967	0.8943	0.9850	0.9971	0.8849	0.9905	0.9299
33.0	0.9975	0.9060	0.9855	0.9970	0.8939	0.9928	0.9571
33.1	0.9974	0.9241	0.9820	0.9975	0.9159	0.9941	0.9488
33.2	0.9977	0.9051	0.9748	0.9970	0.8991	0.9923	0.9342
33.3	0.9980	0.9340	0.9706	0.9982	0.9167	0.9936	0.8186
33.4	0.9976	0.9173	0.9646	0.9982	0.9001	0.9930	0.9419
33.5	0.9977	0.9367	0.9536	0.9985	0.9120	0.9922	0.4949
33.6	0.9978	0.9070	0.9260	0.9975	0.8842	0.9897	0.1920
33.7	0.9985	0.9040	0.9332	0.9984	0.8818	0.9890	0.3186

33.8	0.9986	0.8864	0.9314	0.9986	0.8382	0.9853	0.5812
33.9	0.9985	0.8926	0.9311	0.9981	0.8736	0.9750	0.6998
34.0	0.9989	0.8887	0.9742	0.9989	0.9067	0.9863	0.8098
34.1	0.9990	0.9026	0.9748	0.9989	0.9128	0.9817	0.9534
34.2	0.9990	0.8743	0.9778	0.9988	0.8961	0.9843	0.6484
34.3	0.9987	0.8646	0.9784	0.9985	0.8891	0.9883	0.6246
34.4	0.9987	0.8800	0.9812	0.9983	0.9084	0.9917	0.8143
34.5	0.9977	0.9135	0.9747	0.9978	0.9294	0.9885	0.9221
34.6	0.9981	0.9485	0.9697	0.9983	0.9539	0.9893	0.9429
34.7	0.9985	0.9569	0.9721	0.9985	0.9618	0.9918	0.9449
34.8	0.9983	0.9528	0.9697	0.9977	0.9619	0.9928	0.9162
34.9	0.9985	0.9661	0.9695	0.9983	0.9709	0.9936	0.8971
35.0	0.9985	0.9683	0.9646	0.9982	0.9731	0.9935	0.9196
35.1	0.9986	0.9738	0.9727	0.9982	0.9752	0.9951	0.9342
35.2	0.9979	0.9595	0.9405	0.9970	0.9638	0.9906	0.9132
35.3	0.9988	0.9717	0.9540	0.9980	0.9687	0.9931	0.9838
35.4	0.9982	0.9739	0.9607	0.9973	0.9726	0.9942	0.9612
35.5	0.9985	0.9740	0.9556	0.9979	0.9717	0.9937	0.8997
35.6	0.9983	0.9653	0.9478	0.9976	0.9671	0.9928	0.9415
35.7	0.9982	0.9660	0.9515	0.9976	0.9648	0.9931	0.9738
35.8	0.9983	0.9727	0.9631	0.9979	0.9723	0.9942	0.9480
35.9	0.9977	0.9652	0.9651	0.9973	0.9619	0.9940	0.9852
36.0	0.9976	0.9604	0.9539	0.9970	0.9576	0.9939	0.8739
36.1	0.9981	0.9699	0.9693	0.9977	0.9637	0.9960	0.8137
36.2	0.9979	0.9683	0.9697	0.9975	0.9624	0.9953	0.7948
36.3	0.9979	0.9688	0.9635	0.9974	0.9654	0.9963	0.7536
36.4	0.9986	0.9711	0.9728	0.9984	0.9677	0.9962	0.9280
36.5	0.9977	0.9730	0.9720	0.9976	0.9713	0.9966	0.9897
36.6	0.9977	0.9712	0.9726	0.9974	0.9705	0.9957	0.9140
36.7	0.9981	0.9728	0.9775	0.9977	0.9700	0.9975	0.9659
36.8	0.9984	0.9676	0.9837	0.9979	0.9648	0.9981	0.9377
36.9	0.9979	0.9734	0.9800	0.9976	0.9708	0.9975	0.8028
37.0	0.9985	0.9736	0.9825	0.9983	0.9669	0.9976	0.8311
37.1	0.9986	0.9845	0.9906	0.9984	0.9802	0.9981	0.9526
37.2	0.9975	0.9825	0.9861	0.9971	0.9781	0.9971	0.9188
37.3	0.9971	0.9746	0.9812	0.9966	0.9709	0.9976	0.8288
37.4	0.9970	0.9811	0.9789	0.9965	0.9767	0.9978	0.7782
37.5	0.9969	0.9806	0.9731	0.9963	0.9791	0.9959	0.8700
37.6	0.9958	0.9781	0.9697	0.9951	0.9760	0.9952	0.9604
37.7	0.9962	0.9827	0.9618	0.9958	0.9768	0.9960	0.9732
37.8	0.9951	0.9759	0.9451	0.9945	0.9620	0.9936	0.9749
37.9	0.9962	0.9829	0.9596	0.9960	0.9775	0.9962	0.9887
38.0	0.9953	0.9736	0.9595	0.9945	0.9690	0.9944	0.9828
38.1	0.9969	0.9855	0.9586	0.9964	0.9787	0.9969	0.9861
38.2	0.9970	0.9859	0.9555	0.9965	0.9763	0.9962	0.9386
38.3	0.9971	0.9798	0.9546	0.9967	0.9659	0.9955	0.9278
38.4	0.9976	0.9826	0.9617	0.9974	0.9701	0.9966	0.9424
38.5	0.9972	0.9818	0.9688	0.9969	0.9673	0.9955	0.9360
38.6	0.9979	0.9837	0.9758	0.9974	0.9685	0.9957	0.8803
38.7	0.9977	0.9806	0.9742	0.9974	0.9567	0.9946	0.7188
38.8	0.9969	0.9761	0.9724	0.9967	0.9442	0.9933	0.7218
38.9	0.9966	0.9813	0.9749	0.9964	0.9482	0.9923	0.7934
39.0	0.9961	0.9795	0.9835	0.9959	0.9469	0.9928	0.9422
39.1	0.9960	0.9719	0.9821	0.9957	0.9101	0.9911	0.9099
39.2	0.9950	0.9612	0.9758	0.9951	0.8523	0.9886	0.9328
39.3	0.9941	0.9524	0.9736	0.9947	0.8590	0.9866	0.9863
39.4	0.9951	0.9584	0.9841	0.9950	0.8738	0.9861	0.9623
39.5	0.9936	0.9675	0.9879	0.9942	0.8992	0.9891	0.9480
39.6	0.9952	0.9703	0.9895	0.9955	0.9169	0.9900	0.8097
39.7	0.9963	0.9564	0.9896	0.9960	0.8697	0.9919	0.8313
39.8	0.9961	0.9583	0.9870	0.9963	0.8269	0.9889	0.9186
39.9	0.9954	0.9649	0.9858	0.9958	0.8069	0.9857	0.7268
40.0	0.9950	0.9606	0.9909	0.9956	0.8174	0.9869	0.4920
40.1	0.9943	0.9511	0.9910	0.9947	0.8160	0.9880	0.4695
40.2	0.9952	0.9436	0.9876	0.9949	0.7567	0.9840	0.6522
40.3	0.9945	0.9274	0.9892	0.9942	0.7350	0.9830	0.8320
40.4	0.9922	0.8828	0.9839	0.9913	0.6720	0.9770	0.8309
40.5	0.9953	0.9244	0.9862	0.9945	0.7505	0.9827	0.7868
40.6	0.9944	0.8990	0.9871	0.9932	0.6735	0.9865	0.5783
40.7	0.9955	0.9461	0.9929	0.9953	0.8030	0.9919	0.5468
40.8	0.9954	0.9255	0.9916	0.9950	0.7339	0.9913	0.3079
40.9	0.9952	0.8748	0.9865	0.9918	0.5499	0.9927	0.2189
41.0	0.9954	0.8961	0.9869	0.9939	0.6132	0.9914	0.3924
41.1	0.9952	0.8905	0.9864	0.9944	0.6033	0.9855	0.5465
41.2	0.9950	0.8629	0.9855	0.9930	0.6143	0.9826	0.8152
41.3	0.9949	0.8802	0.9782	0.9927	0.6218	0.9861	0.5046
41.4	0.9946	0.8446	0.9597	0.9918	0.5239	0.9787	0.7360
41.5	0.9952	0.8367	0.9772	0.9929	0.5022	0.9782	0.7883
41.6	0.9937	0.8551	0.9867	0.9915	0.4864	0.9822	0.5980
41.7	0.9943	0.8443	0.9856	0.9924	0.4526	0.9687	0.4831
41.8	0.9938	0.7849	0.9806	0.9913	0.3788	0.9571	0.6841
41.9	0.9924	0.7982	0.9824	0.9918	0.4912	0.9486	0.9424
42.0	0.9949	0.8837	0.9771	0.9935	0.7608	0.9425	0.8271
42.1	0.9938	0.9037	0.9773	0.9925	0.7884	0.9436	0.8602
42.2	0.9930	0.8732	0.9826	0.9914	0.7507	0.8853	0.7396
42.3	0.9928	0.9095	0.9864	0.9911	0.8546	0.8984	0.4872

42.4	0.9927	0.8988	0.9890	0.9897	0.8707	0.9392	0.6300
42.5	0.9919	0.8834	0.9856	0.9873	0.8611	0.9547	0.8250
42.6	0.9927	0.9018	0.9840	0.9880	0.8740	0.9634	0.5902
42.7	0.9912	0.8413	0.9829	0.9877	0.7977	0.9607	0.4041
42.8	0.9892	0.7843	0.9770	0.9856	0.6570	0.9414	0.4888
42.9	0.9921	0.9072	0.9811	0.9887	0.8758	0.9696	0.6347
43.0	0.9924	0.9124	0.9846	0.9868	0.9089	0.9837	0.7370
43.1	0.9883	0.9131	0.9546	0.9781	0.9211	0.9680	0.3074
43.2	0.9870	0.8927	0.9191	0.9789	0.9066	0.9324	0.2237
43.3	0.9854	0.8625	0.8973	0.9761	0.8934	0.9587	0.2065
43.4	0.9896	0.9040	0.9291	0.9873	0.9199	0.9772	0.1837
43.5	0.9897	0.8849	0.9609	0.9834	0.8993	0.9794	0.2344
43.6	0.9875	0.8809	0.9736	0.9765	0.8914	0.9844	0.1276
43.7	0.9856	0.8388	0.9603	0.9729	0.8689	0.9850	0.0793
43.8	0.9823	0.8506	0.9467	0.9770	0.8692	0.9828	0.0367
43.9	0.9853	0.8852	0.9165	0.9801	0.8861	0.9874	0.0479
44.0	0.9867	0.8936	0.8865	0.9741	0.8942	0.9869	0.2928
44.1	0.9874	0.9024	0.8132	0.9657	0.9066	0.9860	0.4884
44.2	0.9879	0.9267	0.7527	0.9559	0.9351	0.9851	0.2695
44.3	0.9867	0.8756	0.7568	0.8942	0.8959	0.9731	0.0413
44.4	0.9888	0.8821	0.9155	0.9198	0.9145	0.9806	0.4998
44.5	0.9866	0.8501	0.9385	0.9344	0.8943	0.9865	0.4361
44.6	0.9779	0.8003	0.9181	0.9208	0.8351	0.9894	0.3353
44.7	0.9812	0.8073	0.9000	0.9106	0.8215	0.9923	0.4543
44.8	0.9833	0.8115	0.6151	0.9160	0.8396	0.9823	0.6204
44.9	0.9749	0.7421	0.4971	0.9065	0.7606	0.9618	0.2009
45.0	0.9790	0.8193	0.6898	0.8854	0.8226	0.9766	0.2292
45.1	0.9784	0.8612	0.7062	0.9043	0.8819	0.9908	0.6626
45.2	0.9807	0.9104	0.6734	0.8825	0.9253	0.9903	0.6384
45.3	0.9826	0.9064	0.5850	0.8006	0.9192	0.9907	0.4591
45.4	0.9757	0.8901	0.3861	0.7280	0.9033	0.9908	0.2971
45.5	0.9681	0.8303	0.0506	0.5222	0.8687	0.9895	0.2469
45.6	0.9752	0.8266	0.1224	0.4488	0.8533	0.9882	0.4259
45.7	0.9819	0.9295	0.7051	0.4561	0.9381	0.9880	0.4226
45.8	0.9757	0.9216	0.8209	0.5063	0.9295	0.9894	0.4616
45.9	0.9754	0.9186	0.8845	0.5595	0.9322	0.9925	0.8956
46.0	0.9768	0.9247	0.9236	0.6199	0.9408	0.9933	0.8032
46.1	0.9681	0.9599	0.9179	0.7831	0.9656	0.9883	0.7491
46.2	0.9307	0.9009	0.8470	0.6081	0.9250	0.9740	0.4910
46.3	0.9524	0.8934	0.8265	0.7060	0.9057	0.9622	0.3798
46.4	0.9534	0.9226	0.9027	0.8520	0.9303	0.9508	0.6114
46.5	0.9505	0.9532	0.9414	0.8624	0.9599	0.9616	0.7362
46.6	0.9494	0.9680	0.9749	0.8367	0.9736	0.9872	0.9144
46.7	0.9291	0.9647	0.9209	0.7360	0.9676	0.9790	0.9123
46.8	0.9315	0.9638	0.8702	0.7924	0.9681	0.9807	0.8735
46.9	0.9241	0.9452	0.9008	0.8841	0.9497	0.9699	0.8650
47.0	0.8541	0.9338	0.9049	0.8932	0.9377	0.9544	0.9035
47.1	0.7972	0.9187	0.8600	0.7984	0.9270	0.9660	0.8068
47.2	0.8546	0.9413	0.8036	0.8786	0.9562	0.9838	0.7681
47.3	0.8034	0.9350	0.8491	0.8971	0.9539	0.9849	0.6135
47.4	0.7088	0.9482	0.9057	0.9314	0.9615	0.9842	0.5490
47.5	0.6885	0.9502	0.9262	0.9338	0.9615	0.9805	0.7440
47.6	0.6856	0.9416	0.9151	0.9514	0.9477	0.9635	0.8484
47.7	0.6951	0.9555	0.9269	0.9467	0.9604	0.9477	0.8361
47.8	0.5845	0.9784	0.9544	0.9437	0.9829	0.9762	0.8243
47.9	0.3757	0.9587	0.9397	0.9421	0.9642	0.9733	0.8548
48.0	0.4198	0.9223	0.9051	0.9502	0.9336	0.9664	0.8265
48.1	0.4019	0.9473	0.9132	0.9499	0.9568	0.9836	0.9621
48.2	0.4244	0.9548	0.9414	0.9560	0.9616	0.9819	0.9175
48.3	0.5364	0.9625	0.9415	0.9448	0.9711	0.9820	0.9644
48.4	0.7554	0.9712	0.9568	0.9664	0.9791	0.9870	0.8194
48.5	0.8044	0.9788	0.9669	0.9718	0.9838	0.9916	0.8137
48.6	0.7576	0.9748	0.9533	0.9628	0.9842	0.9922	0.8300
48.7	0.7826	0.9640	0.9675	0.9622	0.9791	0.9951	0.8873
48.8	0.8271	0.9551	0.9665	0.9598	0.9684	0.9955	0.7629
48.9	0.8549	0.9481	0.9192	0.9571	0.9615	0.9924	0.6289
49.0	0.8772	0.9467	0.9321	0.9623	0.9657	0.9933	0.5755
49.1	0.8950	0.9303	0.7578	0.9650	0.9455	0.9819	0.5713
49.2	0.8618	0.9462	0.8607	0.9709	0.9513	0.9794	0.7860
49.3	0.8779	0.9648	0.9477	0.9755	0.9704	0.9836	0.8569
49.4	0.8702	0.9666	0.9655	0.9773	0.9721	0.9856	0.8193
49.5	0.8924	0.9680	0.9720	0.9738	0.9771	0.9862	0.7396
49.6	0.9320	0.9753	0.9824	0.9822	0.9823	0.9891	0.8210
49.7	0.9375	0.9799	0.9851	0.9831	0.9837	0.9864	0.9000
49.8	0.9256	0.9668	0.9872	0.9818	0.9729	0.9910	0.6874
49.9	0.9196	0.9356	0.9565	0.9731	0.9494	0.9768	0.7574
50.0	0.9048	0.9480	0.9618	0.9647	0.9553	0.9723	0.8940
50.1	0.8877	0.9623	0.9751	0.9658	0.9584	0.9700	0.5667
50.2	0.9335	0.9688	0.9872	0.9777	0.9678	0.9782	0.4355
50.3	0.9462	0.9687	0.9897	0.9797	0.9714	0.9773	0.5515
50.4	0.9465	0.9512	0.9677	0.9785	0.9576	0.9119	0.9035
50.5	0.9510	0.9421	0.9651	0.9832	0.9464	0.8570	0.8750
50.6	0.9437	0.9342	0.9597	0.9805	0.9425	0.8859	0.8070
50.7	0.9143	0.8990	0.9427	0.9694	0.8986	0.8450	0.8275
50.8	0.9178	0.8088	0.9254	0.9684	0.8283	0.6625	0.8523
50.9	0.9334	0.7106	0.9201	0.9731	0.7619	0.7675	0.8404

51.0	0.9391	0.6733	0.9115	0.9732	0.7163	0.8186	0.7361
51.1	0.9372	0.6451	0.8706	0.9724	0.6596	0.7161	0.7193
51.2	0.9393	0.5057	0.8595	0.9752	0.5389	0.6788	0.6185
51.3	0.9541	0.6173	0.9134	0.9768	0.6338	0.7386	0.6751
51.4	0.9608	0.6236	0.9197	0.9761	0.6343	0.5872	0.8708
51.5	0.9541	0.5633	0.8490	0.9738	0.5857	0.3068	0.8636
51.6	0.9192	0.1374	0.6876	0.9610	0.2172	0.4416	0.7277
51.7	0.9308	0.0362	0.6372	0.9721	0.0950	0.6827	0.7740
51.8	0.9468	0.1233	0.6375	0.9736	0.0586	0.7973	0.8590
51.9	0.9602	0.2023	0.5609	0.9750	0.1028	0.8351	0.8772
52.0	0.9627	0.3329	0.5190	0.9834	0.2556	0.8757	0.8832
52.1	0.9530	0.4400	0.4508	0.9834	0.3704	0.8742	0.8806
52.2	0.9374	0.5969	0.2637	0.9795	0.5494	0.8732	0.8317
52.3	0.9372	0.7341	0.1587	0.9748	0.7059	0.8809	0.7820
52.4	0.9109	0.6550	0.0793	0.9605	0.6066	0.7941	0.7933
52.5	0.9305	0.7117	0.3701	0.9740	0.6714	0.8770	0.8224
52.6	0.9362	0.7265	0.4005	0.9777	0.6914	0.8843	0.8536
52.7	0.9288	0.6742	0.2235	0.9699	0.6157	0.7914	0.8300
52.8	0.9349	0.7755	0.6010	0.9719	0.7475	0.8701	0.8482
52.9	0.9500	0.8767	0.7966	0.9827	0.8640	0.9341	0.9037
53.0	0.9444	0.8884	0.7908	0.9866	0.8783	0.9369	0.8873
53.1	0.9385	0.8882	0.8049	0.9865	0.8818	0.9404	0.8724
53.2	0.9291	0.8789	0.7852	0.9863	0.8763	0.9277	0.8679
53.3	0.9329	0.9036	0.7906	0.9860	0.9023	0.9239	0.8685
53.4	0.9501	0.9286	0.7645	0.9845	0.9265	0.9273	0.8919
53.5	0.9425	0.9007	0.7658	0.9843	0.8962	0.9196	0.8898
53.6	0.9245	0.8281	0.5614	0.9787	0.8211	0.8476	0.8541
53.7	0.9308	0.8098	0.6924	0.9740	0.7976	0.8700	0.8533
53.8	0.9415	0.8469	0.7678	0.9747	0.8421	0.8636	0.8440
53.9	0.9445	0.8967	0.8622	0.9769	0.8944	0.8917	0.8667
54.0	0.9331	0.8869	0.8544	0.9878	0.8863	0.8837	0.8882
54.1	0.8975	0.7841	0.7063	0.9743	0.7813	0.6983	0.7888
54.2	0.8857	0.7316	0.6369	0.9420	0.7316	0.6906	0.7633
54.3	0.9245	0.8860	0.8460	0.9759	0.8874	0.8636	0.8876
54.4	0.9479	0.9395	0.9234	0.9866	0.9399	0.9345	0.9219
54.5	0.9429	0.9457	0.9272	0.9893	0.9455	0.9276	0.9315
54.6	0.9249	0.9360	0.9089	0.9852	0.9373	0.8805	0.9079
54.7	0.9168	0.9136	0.8366	0.9769	0.9148	0.7465	0.8822
54.8	0.9320	0.9282	0.8877	0.9830	0.9274	0.8565	0.9069
54.9	0.9483	0.9533	0.9386	0.9858	0.9536	0.9067	0.9443
55.0	0.9465	0.9641	0.9517	0.9877	0.9650	0.9111	0.9370
55.1	0.9248	0.9617	0.9451	0.9907	0.9630	0.8912	0.9218
55.2	0.9173	0.9573	0.9446	0.9866	0.9585	0.8693	0.9253
55.3	0.9177	0.9649	0.9531	0.9891	0.9662	0.8726	0.9155
55.4	0.9333	0.9700	0.9490	0.9900	0.9706	0.7908	0.9151
55.5	0.9341	0.9578	0.9247	0.9859	0.9583	0.7325	0.9409
55.6	0.9187	0.9585	0.9394	0.9843	0.9598	0.8069	0.9340
55.7	0.9365	0.9712	0.9624	0.9860	0.9732	0.8583	0.9452
55.8	0.9431	0.9722	0.9704	0.9832	0.9726	0.8274	0.9494
55.9	0.9459	0.9759	0.9654	0.9859	0.9770	0.7398	0.9561
56.0	0.9324	0.9718	0.9151	0.9853	0.9733	0.4031	0.9426
56.1	0.9358	0.9658	0.9293	0.9817	0.9672	0.5601	0.9317
56.2	0.9538	0.9792	0.9733	0.9840	0.9793	0.7762	0.9459
56.3	0.9599	0.9818	0.9794	0.9786	0.9808	0.8018	0.9253
56.4	0.9548	0.9803	0.9782	0.9775	0.9795	0.7850	0.8910
56.5	0.9557	0.9826	0.9792	0.9851	0.9821	0.8714	0.9140
56.6	0.9546	0.9853	0.9811	0.9835	0.9845	0.8598	0.8215
56.7	0.9439	0.9829	0.9797	0.9749	0.9813	0.7890	0.8344
56.8	0.9523	0.9861	0.9809	0.9774	0.9837	0.8148	0.9575
56.9	0.9209	0.9762	0.9777	0.9783	0.9760	0.8540	0.9273
57.0	0.9151	0.9863	0.9731	0.9843	0.9862	0.8884	0.9480
57.1	0.8846	0.9689	0.9154	0.9813	0.9705	0.7205	0.9482
57.2	0.9209	0.9728	0.9551	0.9831	0.9746	0.6753	0.9375
57.3	0.9424	0.9835	0.9781	0.9862	0.9835	0.8753	0.9584
57.4	0.9335	0.9854	0.9818	0.9865	0.9846	0.9100	0.9638
57.5	0.9371	0.9841	0.9862	0.9838	0.9834	0.9011	0.9596
57.6	0.9256	0.9836	0.9838	0.9869	0.9842	0.9229	0.9624
57.7	0.9242	0.9854	0.9843	0.9863	0.9857	0.9270	0.9621
57.8	0.9105	0.9775	0.9824	0.9776	0.9769	0.9057	0.9251
57.9	0.8882	0.9716	0.9761	0.9725	0.9708	0.9006	0.9177
58.0	0.9069	0.9746	0.9790	0.9748	0.9743	0.9155	0.9451
58.1	0.8920	0.9739	0.9801	0.9774	0.9735	0.9402	0.9445
58.2	0.9177	0.9808	0.9877	0.9809	0.9803	0.9533	0.9544
58.3	0.9068	0.9828	0.9875	0.9860	0.9831	0.9700	0.9588
58.4	0.8918	0.9828	0.9863	0.9844	0.9823	0.9595	0.9391
58.5	0.8853	0.9783	0.9806	0.9777	0.9770	0.9309	0.9086
58.6	0.8762	0.9733	0.9796	0.9747	0.9717	0.9260	0.8991
58.7	0.8716	0.9712	0.9846	0.9717	0.9694	0.9396	0.9228
58.8	0.8646	0.9787	0.9860	0.9785	0.9780	0.9627	0.9454
58.9	0.8478	0.9769	0.9856	0.9793	0.9766	0.9702	0.9486
59.0	0.8588	0.9716	0.9882	0.9791	0.9707	0.9648	0.9467
59.1	0.8307	0.9674	0.9839	0.9714	0.9646	0.9560	0.8650
59.2	0.8728	0.9794	0.9867	0.9760	0.9775	0.9638	0.8305
59.3	0.8722	0.9764	0.9866	0.9748	0.9746	0.9642	0.9189
59.4	0.8848	0.9793	0.9850	0.9791	0.9781	0.9737	0.9641
59.5	0.8854	0.9787	0.9817	0.9801	0.9785	0.9755	0.9629

59.6	0.9156	0.9820	0.9850	0.9811	0.9820	0.9839	0.9656
59.7	0.8958	0.9789	0.9822	0.9738	0.9783	0.9729	0.9579
59.8	0.9050	0.9780	0.9797	0.9133	0.9793	0.9772	0.9651
59.9	0.9061	0.9770	0.9825	0.0625	0.9779	0.9823	0.9659
60.0	0.8950	0.9838	0.9860	0.0136	0.9825	0.9822	0.9680
60.1	0.9109	0.9828	0.9835	0.0125	0.9817	0.9814	0.9653
60.2	0.9094	0.9815	0.9772	0.7906	0.9825	0.9847	0.9661
60.3	0.9186	0.9875	0.9850	0.9750	0.9883	0.9880	0.9723
60.4	0.9297	0.9853	0.9869	0.9834	0.9862	0.9856	0.9576
60.5	0.9229	0.9836	0.9845	0.9801	0.9839	0.9845	0.9455
60.6	0.9454	0.9873	0.9884	0.9822	0.9873	0.9876	0.9736
60.7	0.9398	0.9857	0.9876	0.9832	0.9855	0.9893	0.9559
60.8	0.9217	0.9831	0.9878	0.9822	0.9829	0.9877	0.9507
60.9	0.9249	0.9827	0.9888	0.9802	0.9828	0.9879	0.9632
61.0	0.9197	0.9771	0.9873	0.9728	0.9763	0.9859	0.9520
61.1	0.9329	0.9779	0.9859	0.9720	0.9767	0.9872	0.9559
61.2	0.9539	0.9845	0.9892	0.9804	0.9843	0.9934	0.9707
61.3	0.9608	0.9847	0.9874	0.9825	0.9854	0.9919	0.9639
61.4	0.9622	0.9796	0.9856	0.9782	0.9802	0.9878	0.9061
61.5	0.9606	0.9759	0.9869	0.9747	0.9784	0.9911	0.8891
61.6	0.9572	0.9796	0.9862	0.9767	0.9816	0.9908	0.8993
61.7	0.9625	0.9797	0.9868	0.9758	0.9810	0.9919	0.9231
61.8	0.9604	0.9781	0.9862	0.9758	0.9797	0.9916	0.9201
61.9	0.9671	0.9808	0.9844	0.9762	0.9831	0.9883	0.9324
62.0	0.9638	0.9757	0.9834	0.9657	0.9779	0.9875	0.9296
62.1	0.9669	0.9791	0.9854	0.9700	0.9806	0.9888	0.9496
62.2	0.9560	0.9701	0.9836	0.9648	0.9748	0.9897	0.9286
62.3	0.9474	0.9605	0.9816	0.9621	0.9652	0.9908	0.9232
62.4	0.9344	0.9611	0.9799	0.9512	0.9658	0.9881	0.9161
62.5	0.9621	0.9727	0.9887	0.9605	0.9751	0.9894	0.9215
62.6	0.9668	0.9748	0.9861	0.9718	0.9788	0.9890	0.9394
62.7	0.9669	0.9748	0.9883	0.9661	0.9784	0.9895	0.9455
62.8	0.9704	0.9771	0.9886	0.9652	0.9805	0.9912	0.9551
62.9	0.9561	0.9732	0.9872	0.9545	0.9760	0.9901	0.9349
63.0	0.9687	0.9767	0.9926	0.9666	0.9800	0.9925	0.9461
63.1	0.9714	0.9733	0.9922	0.9726	0.9779	0.9920	0.9511
63.2	0.9725	0.9729	0.9938	0.9671	0.9773	0.9929	0.9510
63.3	0.9621	0.9670	0.9920	0.9532	0.9718	0.9930	0.9160
63.4	0.9685	0.9738	0.9938	0.9648	0.9793	0.9944	0.8880
63.5	0.9748	0.9747	0.9953	0.9672	0.9804	0.9938	0.9557
63.6	0.9709	0.9731	0.9948	0.9708	0.9785	0.9934	0.8673
63.7	0.9635	0.9715	0.9942	0.9603	0.9781	0.9922	0.8584
63.8	0.9423	0.9706	0.9948	0.9532	0.9784	0.9931	0.8749
63.9	0.9378	0.9634	0.9931	0.9461	0.9704	0.9900	0.8323
64.0	0.9556	0.9638	0.9950	0.9550	0.9720	0.9929	0.8515
64.1	0.9510	0.9673	0.9955	0.9609	0.9749	0.9941	0.8656
64.2	0.9628	0.9734	0.9962	0.9730	0.9794	0.9956	0.9386
64.3	0.9598	0.9727	0.9947	0.9644	0.9781	0.9931	0.9050
64.4	0.9688	0.9735	0.9954	0.9638	0.9776	0.9929	0.8699
64.5	0.9704	0.9756	0.9954	0.9631	0.9790	0.9927	0.8641
64.6	0.9596	0.9705	0.9948	0.9552	0.9768	0.9927	0.7582
64.7	0.9648	0.9729	0.9957	0.9590	0.9780	0.9935	0.8456
64.8	0.9782	0.9821	0.9969	0.9726	0.9846	0.9951	0.9222
64.9	0.9777	0.9798	0.9973	0.9632	0.9826	0.9947	0.9167
65.0	0.9732	0.9774	0.9966	0.9503	0.9812	0.9942	0.9146
65.1	0.9645	0.9759	0.9959	0.9490	0.9803	0.9935	0.8830
65.2	0.9551	0.9717	0.9951	0.9556	0.9768	0.9923	0.8785
65.3	0.9639	0.9707	0.9948	0.9511	0.9765	0.9923	0.9086
65.4	0.9779	0.9793	0.9955	0.9560	0.9834	0.9942	0.9186
65.5	0.9768	0.9746	0.9945	0.9470	0.9789	0.9929	0.8835
65.6	0.9708	0.9750	0.9956	0.9508	0.9794	0.9943	0.8401
65.7	0.9707	0.9749	0.9964	0.9594	0.9806	0.9946	0.8303
65.8	0.9750	0.9723	0.9968	0.9602	0.9780	0.9945	0.9131
65.9	0.9823	0.9797	0.9961	0.9710	0.9835	0.9948	0.9113
66.0	0.9811	0.9842	0.9963	0.9718	0.9876	0.9957	0.9109
66.1	0.9775	0.9773	0.9949	0.9583	0.9820	0.9927	0.8606
66.2	0.9665	0.9676	0.9937	0.9531	0.9748	0.9915	0.8666
66.3	0.9641	0.9608	0.9931	0.9445	0.9705	0.9923	0.8615
66.4	0.9768	0.9709	0.9946	0.9453	0.9771	0.9935	0.8868
66.5	0.9667	0.9599	0.9932	0.9247	0.9688	0.9907	0.8681
66.6	0.9699	0.9589	0.9943	0.9208	0.9691	0.9925	0.8468
66.7	0.9760	0.9663	0.9948	0.9279	0.9748	0.9942	0.8670
66.8	0.9699	0.9619	0.9929	0.9281	0.9727	0.9924	0.8662
66.9	0.9662	0.9508	0.9938	0.9087	0.9640	0.9921	0.8791
67.0	0.9784	0.9634	0.9944	0.9100	0.9723	0.9933	0.9068
67.1	0.9733	0.9583	0.9932	0.9142	0.9684	0.9920	0.9144
67.2	0.9528	0.9283	0.9921	0.8813	0.9486	0.9900	0.8561
67.3	0.9576	0.9382	0.9932	0.8894	0.9553	0.9914	0.8784
67.4	0.9683	0.9424	0.9921	0.8726	0.9581	0.9898	0.9186
67.5	0.9682	0.9420	0.9944	0.8772	0.9591	0.9916	0.9207
67.6	0.9607	0.9346	0.9928	0.8716	0.9538	0.9911	0.9094
67.7	0.9679	0.9347	0.9915	0.8164	0.9531	0.9904	0.9253
67.8	0.9534	0.9040	0.9921	0.7517	0.9308	0.9871	0.8796
67.9	0.9294	0.8456	0.9887	0.6106	0.8900	0.9821	0.8168
68.0	0.9466	0.8843	0.9902	0.6823	0.9172	0.9865	0.8712
68.1	0.9496	0.8878	0.9897	0.6880	0.9197	0.9874	0.8839

68.2	0.9251	0.8316	0.9834	0.5820	0.8847	0.9824	0.8399
68.3	0.9092	0.7941	0.9850	0.4775	0.8539	0.9826	0.8248
68.4	0.9316	0.8355	0.9898	0.5317	0.8809	0.9876	0.8855
68.5	0.9320	0.8613	0.9881	0.6467	0.8991	0.9873	0.8989
68.6	0.9022	0.7901	0.9747	0.5199	0.8437	0.9748	0.8360
68.7	0.9261	0.8328	0.9795	0.5857	0.8783	0.9834	0.8813
68.8	0.9136	0.7993	0.9802	0.5232	0.8486	0.9837	0.8696
68.9	0.9037	0.7899	0.9832	0.5664	0.8265	0.9790	0.8684
69.0	0.9035	0.7980	0.9818	0.6239	0.8286	0.9784	0.8701
69.1	0.9009	0.7848	0.9807	0.6516	0.8151	0.9806	0.8774
69.2	0.8905	0.7667	0.9826	0.6380	0.7912	0.9817	0.8684
69.3	0.8811	0.7560	0.9797	0.6612	0.7736	0.9793	0.8599
69.4	0.8948	0.7800	0.9841	0.7122	0.7844	0.9815	0.8832
69.5	0.8778	0.7564	0.9807	0.7329	0.7339	0.9764	0.8869
69.6	0.8607	0.7485	0.9790	0.7714	0.6955	0.9775	0.8936
69.7	0.8402	0.7340	0.9778	0.7598	0.6571	0.9728	0.8818
69.8	0.7665	0.6250	0.9717	0.6993	0.4961	0.9676	0.8400
69.9	0.8000	0.6946	0.9711	0.7493	0.5703	0.9665	0.8658
70.0	0.8243	0.7081	0.9754	0.7643	0.5703	0.9702	0.8810
70.1	0.8344	0.7096	0.9750	0.7738	0.5716	0.9732	0.8816
70.2	0.7761	0.6647	0.9710	0.7596	0.4792	0.9742	0.8659
70.3	0.7700	0.6086	0.9700	0.7287	0.3962	0.9742	0.8553
70.4	0.7961	0.6600	0.9754	0.7841	0.4030	0.9775	0.8774
70.5	0.8340	0.7492	0.9742	0.8437	0.5402	0.9778	0.9050
70.6	0.8071	0.7322	0.9707	0.8166	0.5449	0.9759	0.8858
70.7	0.7933	0.7011	0.9601	0.7870	0.4863	0.9656	0.8719
70.8	0.8484	0.7855	0.9615	0.8332	0.6200	0.9645	0.8991
70.9	0.8397	0.7768	0.9694	0.8496	0.5471	0.9718	0.9072
71.0	0.8281	0.7969	0.9793	0.8594	0.5590	0.9820	0.9169
71.1	0.8365	0.8200	0.9730	0.8636	0.6125	0.9745	0.9207
71.2	0.8349	0.8467	0.9621	0.8901	0.6709	0.9634	0.9242
71.3	0.8881	0.8896	0.9721	0.9026	0.7872	0.9741	0.9341
71.4	0.8970	0.9083	0.9800	0.9279	0.8137	0.9820	0.9462
71.5	0.8433	0.9020	0.9764	0.9277	0.7948	0.9780	0.9334
71.6	0.8635	0.9042	0.9742	0.9218	0.8157	0.9750	0.9316
71.7	0.8720	0.9098	0.9722	0.9272	0.8379	0.9746	0.9419
71.8	0.8120	0.8773	0.9612	0.9019	0.7937	0.9670	0.9139
71.9	0.8256	0.8931	0.9658	0.9134	0.8138	0.9698	0.9185
72.0	0.8430	0.9062	0.9715	0.9191	0.8352	0.9743	0.9217
72.1	0.8547	0.9154	0.9704	0.9260	0.8588	0.9713	0.9253
72.2	0.8438	0.9198	0.9740	0.9277	0.8593	0.9744	0.9424
72.3	0.8398	0.9217	0.9707	0.9333	0.8741	0.9732	0.9313
72.4	0.8280	0.9174	0.9561	0.9305	0.8795	0.9616	0.9203
72.5	0.8294	0.9147	0.9591	0.9250	0.8762	0.9629	0.9244
72.6	0.8571	0.9303	0.9741	0.9364	0.8946	0.9763	0.9397
72.7	0.8730	0.9408	0.9712	0.9456	0.9144	0.9758	0.9520
72.8	0.8690	0.9369	0.9694	0.9455	0.9123	0.9724	0.9449
72.9	0.8702	0.9395	0.9678	0.9488	0.9212	0.9715	0.9441
73.0	0.8434	0.9244	0.9677	0.9317	0.8991	0.9715	0.9345
73.1	0.8274	0.9121	0.9594	0.9177	0.8855	0.9625	0.9258
73.2	0.8861	0.9408	0.9646	0.9447	0.9229	0.9685	0.9447
73.3	0.9021	0.9520	0.9662	0.9566	0.9368	0.9717	0.9452
73.4	0.9065	0.9497	0.9519	0.9530	0.9367	0.9607	0.9463
73.5	0.9302	0.9606	0.9589	0.9609	0.9498	0.9663	0.9637
73.6	0.9348	0.9621	0.9633	0.9622	0.9531	0.9694	0.9664
73.7	0.8980	0.9336	0.9560	0.9318	0.9180	0.9626	0.9385
73.8	0.8961	0.9275	0.9565	0.9238	0.9086	0.9639	0.9246
73.9	0.9137	0.9480	0.9474	0.9479	0.9344	0.9605	0.9505
74.0	0.9115	0.9344	0.9316	0.9355	0.9246	0.9476	0.9278
74.1	0.9101	0.9328	0.9389	0.9338	0.9234	0.9523	0.9195
74.2	0.9235	0.9432	0.9444	0.9412	0.9346	0.9559	0.9295
74.3	0.9350	0.9498	0.9399	0.9459	0.9408	0.9532	0.9426
74.4	0.9422	0.9515	0.9442	0.9485	0.9451	0.9541	0.9517
74.5	0.9485	0.9591	0.9434	0.9590	0.9536	0.9565	0.9609
74.6	0.9365	0.9511	0.9316	0.9492	0.9424	0.9493	0.9510
74.7	0.9351	0.9444	0.9466	0.9433	0.9383	0.9594	0.9315
74.8	0.9333	0.9395	0.9104	0.9365	0.9320	0.9306	0.9181
74.9	0.9331	0.9474	0.9144	0.9453	0.9373	0.9342	0.9506
75.0	0.9279	0.9360	0.8707	0.9285	0.9271	0.8899	0.9418
75.1	0.9320	0.9352	0.8558	0.9247	0.9238	0.8753	0.9387
75.2	0.9432	0.9468	0.9081	0.9420	0.9418	0.9187	0.9517
75.3	0.9407	0.9388	0.9216	0.9341	0.9375	0.9321	0.9476
75.4	0.9299	0.9319	0.8949	0.9234	0.9247	0.9121	0.9441
75.5	0.9472	0.9529	0.9288	0.9454	0.9489	0.9397	0.9419
75.6	0.9568	0.9596	0.9414	0.9545	0.9570	0.9473	0.9524
75.7	0.9651	0.9608	0.9337	0.9545	0.9585	0.9390	0.9617
75.8	0.9468	0.9404	0.8870	0.9281	0.9370	0.8907	0.9354
75.9	0.9483	0.9413	0.8995	0.9244	0.9385	0.9019	0.9403
76.0	0.9439	0.9428	0.9125	0.9294	0.9354	0.9198	0.9380
76.1	0.9458	0.9433	0.8927	0.9274	0.9323	0.8971	0.9280
76.2	0.9517	0.9463	0.8902	0.9280	0.9369	0.8893	0.9316
76.3	0.9410	0.9289	0.8932	0.9036	0.9223	0.8991	0.9280
76.4	0.9502	0.9414	0.9300	0.9235	0.9378	0.9360	0.9333
76.5	0.9639	0.9657	0.9255	0.9550	0.9586	0.9289	0.9585
76.6	0.9476	0.9507	0.9170	0.9397	0.9447	0.9177	0.9600
76.7	0.9466	0.9470	0.9050	0.9305	0.9410	0.9027	0.9490

76.8	0.9428	0.9514	0.8819	0.9326	0.9386	0.8786	0.9583
76.9	0.9274	0.9357	0.8707	0.9151	0.9211	0.8660	0.9169
77.0	0.9386	0.9377	0.8913	0.9172	0.9273	0.8859	0.9312
77.1	0.9073	0.9086	0.8451	0.8847	0.8917	0.8403	0.9239
77.2	0.9152	0.9224	0.8606	0.9000	0.9050	0.8514	0.9379
77.3	0.9291	0.9313	0.8458	0.8974	0.9148	0.8257	0.9307
77.4	0.9344	0.9339	0.8670	0.9035	0.9240	0.8485	0.9004
77.5	0.9445	0.9549	0.8864	0.9327	0.9409	0.8594	0.9258
77.6	0.9418	0.9449	0.8797	0.9214	0.9335	0.8524	0.9386
77.7	0.9262	0.9346	0.8295	0.9050	0.9155	0.7871	0.9332
77.8	0.9123	0.9200	0.7825	0.8845	0.8952	0.7217	0.9053
77.9	0.9428	0.9469	0.8420	0.9243	0.9282	0.7850	0.9497
78.0	0.9505	0.9538	0.8628	0.9294	0.9420	0.8108	0.9484
78.1	0.9399	0.9456	0.8082	0.9185	0.9333	0.7114	0.9420
78.2	0.9152	0.9336	0.7618	0.9002	0.9060	0.6534	0.9424
78.3	0.9288	0.9300	0.8003	0.8931	0.9137	0.7035	0.9375
78.4	0.9135	0.9149	0.7564	0.8779	0.8937	0.6436	0.9223
78.5	0.9100	0.9100	0.7533	0.8752	0.8962	0.6158	0.9123
78.6	0.9239	0.9198	0.7567	0.8782	0.9106	0.5981	0.8992
78.7	0.9350	0.9385	0.7653	0.9063	0.9224	0.6132	0.9267
78.8	0.9333	0.9422	0.7752	0.9183	0.9245	0.6242	0.9236
78.9	0.9208	0.9286	0.7819	0.9004	0.9109	0.6653	0.9111
79.0	0.9264	0.9274	0.7880	0.8955	0.9140	0.6792	0.9182
79.1	0.9326	0.9278	0.8237	0.9007	0.9203	0.7310	0.9302
79.2	0.9151	0.9127	0.7977	0.8839	0.8985	0.6973	0.9177
79.3	0.9100	0.9170	0.7679	0.8891	0.9023	0.6247	0.9197
79.4	0.9119	0.9261	0.7606	0.8951	0.9108	0.5854	0.9385
79.5	0.8870	0.9015	0.6472	0.8498	0.8804	0.4498	0.9143
79.6	0.9104	0.9245	0.7020	0.8946	0.9054	0.4792	0.9171
79.7	0.9168	0.9254	0.6923	0.9012	0.9143	0.4415	0.9191
79.8	0.9261	0.9252	0.5959	0.8713	0.9138	0.3550	0.9054
79.9	0.9207	0.9178	0.6491	0.8774	0.9190	0.3739	0.9241
80.0	0.9491	0.9417	0.7310	0.9093	0.9444	0.5287	0.8997

2.2.73 Run 7 – VT270 – Accels 1–8

Vertical shaking at 270°. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.3020	0.3354	0.2554	0.3472	0.0659	0.4687	0.4513	0.0507
0.1	0.0659	0.0642	0.0592	0.0619	0.0111	0.0924	0.0737	0.0053
0.2	0.0339	0.0172	0.0251	0.0427	0.0101	0.0107	0.0384	0.0062
0.3	0.0480	0.0421	0.0288	0.0130	0.0122	0.0221	0.0203	0.0153
0.4	0.0548	0.0062	0.0120	0.0104	0.0234	0.0161	0.0080	0.0336
0.5	0.0083	0.0002	0.0804	0.0294	0.0343	0.0659	0.0084	0.0646
0.6	0.0056	0.0468	0.0824	0.0001	0.0036	0.0163	0.0176	0.0002
0.7	0.0282	0.1183	0.1376	0.0034	0.0098	0.0104	0.0485	0.0042
0.8	0.0493	0.2589	0.2064	0.0073	0.0081	0.0354	0.0225	0.0112
0.9	0.1384	0.3211	0.3033	0.0113	0.0011	0.0052	0.0381	0.0017
1.0	0.2183	0.3221	0.4141	0.0500	0.0247	0.0078	0.1693	0.0007
1.1	0.2800	0.4654	0.5549	0.0415	0.0360	0.0118	0.4177	0.0331
1.2	0.3797	0.5423	0.5926	0.0830	0.0721	0.0105	0.5287	0.0310
1.3	0.3432	0.5559	0.6385	0.1186	0.3031	0.0758	0.6158	0.0597
1.4	0.3902	0.5750	0.6612	0.1336	0.2672	0.0256	0.6003	0.1322
1.5	0.3768	0.6447	0.7204	0.0834	0.1666	0.0039	0.5540	0.1838
1.6	0.4456	0.6656	0.7373	0.1287	0.3214	0.0259	0.6656	0.1406
1.7	0.3747	0.7079	0.7670	0.1148	0.5783	0.0480	0.6929	0.1794
1.8	0.4701	0.7917	0.8302	0.1335	0.6771	0.2578	0.7930	0.5860
1.9	0.6497	0.9124	0.8657	0.2642	0.8654	0.5336	0.8923	0.8528
2.0	0.7621	0.9237	0.8690	0.4010	0.9264	0.5502	0.9390	0.8808
2.1	0.8341	0.9219	0.7296	0.5581	0.9213	0.3809	0.9426	0.8789
2.2	0.8604	0.8762	0.5895	0.5777	0.8017	0.2567	0.9555	0.7737
2.3	0.8287	0.7126	0.2186	0.5437	0.4005	0.0444	0.9258	0.3967
2.4	0.8168	0.3559	0.4463	0.6329	0.2845	0.0566	0.8102	0.2842
2.5	0.8420	0.2901	0.7547	0.6620	0.4986	0.3219	0.8408	0.5020
2.6	0.8781	0.5320	0.9613	0.6957	0.7657	0.1995	0.9544	0.7629
2.7	0.8850	0.8740	0.9842	0.6870	0.9385	0.1473	0.9690	0.9437
2.8	0.8769	0.9037	0.9784	0.5999	0.9189	0.1460	0.9678	0.9461
2.9	0.8660	0.9142	0.9794	0.6474	0.9134	0.1561	0.9671	0.9486
3.0	0.8790	0.9022	0.9662	0.6332	0.8741	0.2895	0.9537	0.8964
3.1	0.9007	0.9111	0.9571	0.5355	0.8116	0.1860	0.9615	0.8432
3.2	0.8557	0.9153	0.9648	0.4850	0.8289	0.1027	0.9569	0.8388
3.3	0.8247	0.9208	0.9729	0.5639	0.8097	0.0456	0.9652	0.8387
3.4	0.8090	0.9030	0.9652	0.6048	0.7428	0.0336	0.9606	0.7676
3.5	0.7889	0.8421	0.9333	0.4295	0.5168	0.0379	0.9221	0.5610
3.6	0.6632	0.7820	0.9013	0.3256	0.3805	0.0243	0.8977	0.6189
3.7	0.8764	0.9319	0.9674	0.5499	0.6897	0.1722	0.9639	0.8308
3.8	0.9775	0.9830	0.9934	0.9042	0.9039	0.4723	0.9909	0.9564
3.9	0.9937	0.9955	0.9979	0.9780	0.9705	0.7537	0.9972	0.9880
4.0	0.9965	0.9979	0.9989	0.9894	0.9842	0.7791	0.9979	0.9924
4.1	0.9943	0.9972	0.9986	0.9862	0.9755	0.6084	0.9969	0.9905
4.2	0.9937	0.9961	0.9982	0.9826	0.9666	0.5471	0.9975	0.9855
4.3	0.9914	0.9959	0.9977	0.9759	0.9483	0.6102	0.9969	0.9804
4.4	0.9891	0.9952	0.9980	0.9693	0.9141	0.6367	0.9958	0.9796
4.5	0.9886	0.9947	0.9970	0.9733	0.8700	0.6780	0.9967	0.9686
4.6	0.9839	0.9919	0.9957	0.9630	0.7411	0.6446	0.9951	0.9528
4.7	0.9755	0.9860	0.9931	0.9238	0.3630	0.4771	0.9926	0.8481
4.8	0.9808	0.9868	0.9951	0.9300	0.7031	0.7577	0.9940	0.9176
4.9	0.9820	0.9795	0.9928	0.9351	0.7218	0.7368	0.9903	0.9451
5.0	0.9864	0.9865	0.9929	0.9569	0.4047	0.5296	0.9933	0.9088
5.1	0.9939	0.9970	0.9975	0.9873	0.7003	0.7649	0.9970	0.9594
5.2	0.9908	0.9943	0.9968	0.9817	0.7031	0.6443	0.9955	0.9540
5.3	0.9840	0.9851	0.9932	0.9573	0.5782	0.2345	0.9934	0.8808
5.4	0.9786	0.9902	0.9870	0.9620	0.3325	0.0446	0.9894	0.6473
5.5	0.9892	0.9944	0.9936	0.9771	0.4585	0.2327	0.9941	0.9080
5.6	0.9964	0.9982	0.9987	0.9917	0.8072	0.5676	0.9973	0.9862
5.7	0.9975	0.9988	0.9990	0.9960	0.8603	0.7960	0.9972	0.9854
5.8	0.9982	0.9990	0.9986	0.9969	0.8765	0.9304	0.9979	0.9868
5.9	0.9979	0.9992	0.9992	0.9971	0.9321	0.9423	0.9975	0.9905
6.0	0.9980	0.9990	0.9996	0.9979	0.9629	0.9560	0.9977	0.9958
6.1	0.9954	0.9974	0.9994	0.9940	0.9511	0.9467	0.9936	0.9925
6.2	0.9960	0.9981	0.9995	0.9950	0.9584	0.9537	0.9945	0.9915
6.3	0.9967	0.9985	0.9996	0.9962	0.9694	0.9693	0.9954	0.9939
6.4	0.9962	0.9983	0.9994	0.9954	0.9642	0.9633	0.9947	0.9920
6.5	0.9942	0.9972	0.9982	0.9930	0.9409	0.9477	0.9919	0.9883
6.6	0.9934	0.9967	0.9961	0.9919	0.9199	0.9428	0.9910	0.9858
6.7	0.9880	0.9940	0.9888	0.9861	0.9193	0.9589	0.9845	0.9787
6.8	0.9851	0.9928	0.9709	0.9835	0.9386	0.9608	0.9813	0.9755
6.9	0.9623	0.9806	0.8790	0.9592	0.9131	0.9437	0.9549	0.9471
7.0	0.9531	0.9714	0.8994	0.9505	0.9112	0.9428	0.9472	0.9405
7.1	0.9347	0.9563	0.9115	0.9326	0.9031	0.9211	0.9294	0.9215
7.2	0.9158	0.9270	0.9422	0.9157	0.8700	0.7412	0.9144	0.9123
7.3	0.9591	0.9535	0.9801	0.9587	0.9320	0.7365	0.9602	0.9594
7.4	0.9317	0.8872	0.9752	0.9344	0.9477	0.7728	0.9369	0.9395
7.5	0.9434	0.8528	0.9888	0.9475	0.9368	0.7863	0.9523	0.9570
7.6	0.9720	0.8356	0.9974	0.9747	0.9483	0.7716	0.9790	0.9839
7.7	0.9829	0.9037	0.9995	0.9852	0.9358	0.8888	0.9891	0.9923
7.8	0.9932	0.9743	0.9996	0.9939	0.9418	0.8506	0.9967	0.9973
7.9	0.9913	0.9600	0.9990	0.9927	0.9351	0.6366	0.9948	0.9926

8.0	0.9807	0.9343	0.9991	0.9852	0.9287	0.2734	0.9902	0.9919
8.1	0.9908	0.9779	0.9995	0.9928	0.9470	0.7254	0.9966	0.9967
8.2	0.9883	0.9796	0.9995	0.9907	0.9402	0.6956	0.9957	0.9959
8.3	0.9783	0.9847	0.9995	0.9846	0.9211	0.6857	0.9945	0.9960
8.4	0.9790	0.9911	0.9997	0.9868	0.9167	0.7839	0.9965	0.9975
8.5	0.9740	0.9941	0.9995	0.9809	0.9077	0.8209	0.9970	0.9982
8.6	0.9544	0.9949	0.9992	0.9724	0.9107	0.8795	0.9976	0.9978
8.7	0.9253	0.9905	0.9990	0.9519	0.9206	0.9121	0.9971	0.9966
8.8	0.8962	0.9768	0.9983	0.9194	0.9024	0.8855	0.9961	0.9929
8.9	0.9235	0.9705	0.9982	0.9235	0.9076	0.8617	0.9964	0.9929
9.0	0.9473	0.9460	0.9970	0.9449	0.9081	0.8847	0.9959	0.9810
9.1	0.9696	0.9798	0.9979	0.9704	0.8990	0.9508	0.9926	0.9895
9.2	0.9329	0.9165	0.9909	0.9133	0.9045	0.9220	0.9916	0.9620
9.3	0.9371	0.9192	0.9841	0.9339	0.9350	0.9106	0.9910	0.9414
9.4	0.9428	0.9439	0.9772	0.9417	0.9085	0.9335	0.9920	0.9318
9.5	0.9479	0.9664	0.9676	0.9538	0.9254	0.9523	0.9949	0.9242
9.6	0.9722	0.9885	0.9798	0.9778	0.9382	0.9739	0.9973	0.9554
9.7	0.9759	0.9941	0.9868	0.9832	0.9118	0.9783	0.9975	0.9643
9.8	0.9841	0.9980	0.9944	0.9903	0.9175	0.9820	0.9985	0.9769
9.9	0.9863	0.9990	0.9969	0.9917	0.8866	0.9797	0.9986	0.9806
10.0	0.9889	0.9996	0.9981	0.9956	0.8405	0.9770	0.9989	0.9882
10.1	0.9854	0.9998	0.9984	0.9937	0.7694	0.9719	0.9988	0.9890
10.2	0.9875	0.9998	0.9989	0.9938	0.6728	0.9741	0.9989	0.9912
10.3	0.9929	0.9997	0.9992	0.9945	0.6003	0.9744	0.9993	0.9930
10.4	0.9879	0.9994	0.9990	0.9934	0.4402	0.9668	0.9991	0.9920
10.5	0.9925	0.9996	0.9995	0.9953	0.6063	0.9856	0.9994	0.9953
10.6	0.9862	0.9994	0.9991	0.9924	0.6193	0.9801	0.9987	0.9901
10.7	0.9813	0.9996	0.9994	0.9930	0.6112	0.9822	0.9989	0.9919
10.8	0.9713	0.9996	0.9992	0.9902	0.4582	0.9845	0.9987	0.9893
10.9	0.9560	0.9996	0.9990	0.9875	0.4292	0.9824	0.9987	0.9899
11.0	0.9684	0.9996	0.9995	0.9926	0.5819	0.9875	0.9992	0.9937
11.1	0.9684	0.9997	0.9995	0.9906	0.6678	0.9896	0.9993	0.9936
11.2	0.9459	0.9995	0.9992	0.9834	0.5907	0.9854	0.9989	0.9857
11.3	0.9601	0.9995	0.9992	0.9864	0.5868	0.9872	0.9990	0.9849
11.4	0.9631	0.9995	0.9992	0.9846	0.7268	0.9904	0.9992	0.9887
11.5	0.9654	0.9995	0.9994	0.9791	0.6844	0.9937	0.9991	0.9873
11.6	0.9652	0.9994	0.9992	0.9646	0.6566	0.9926	0.9984	0.9860
11.7	0.9681	0.9994	0.9993	0.9633	0.7224	0.9936	0.9990	0.9860
11.8	0.9647	0.9993	0.9991	0.9626	0.7078	0.9917	0.9988	0.9836
11.9	0.9664	0.9993	0.9991	0.9647	0.7767	0.9942	0.9985	0.9822
12.0	0.9737	0.9993	0.9992	0.9537	0.8231	0.9955	0.9986	0.9849
12.1	0.9808	0.9993	0.9991	0.9420	0.8576	0.9945	0.9983	0.9822
12.2	0.9805	0.9993	0.9992	0.9463	0.8575	0.9955	0.9983	0.9813
12.3	0.9829	0.9991	0.9991	0.9420	0.8860	0.9945	0.9982	0.9808
12.4	0.9841	0.9991	0.9992	0.9587	0.9099	0.9905	0.9980	0.9759
12.5	0.9871	0.9995	0.9995	0.9746	0.9267	0.9918	0.9985	0.9841
12.6	0.9855	0.9993	0.9993	0.9680	0.9064	0.9905	0.9982	0.9783
12.7	0.9830	0.9992	0.9992	0.9601	0.8915	0.9844	0.9977	0.9609
12.8	0.9800	0.9990	0.9990	0.9539	0.8874	0.9853	0.9968	0.9542
12.9	0.9747	0.9992	0.9993	0.9343	0.8702	0.9861	0.9945	0.9486
13.0	0.9767	0.9993	0.9994	0.9406	0.8306	0.9924	0.9952	0.9493
13.1	0.9765	0.9993	0.9994	0.9594	0.8409	0.9959	0.9944	0.9571
13.2	0.9633	0.9986	0.9987	0.9358	0.7680	0.9957	0.9876	0.9479
13.3	0.9636	0.9987	0.9990	0.9435	0.7069	0.9970	0.9869	0.9515
13.4	0.9666	0.9992	0.9994	0.9484	0.6268	0.9980	0.9889	0.9606
13.5	0.9598	0.9983	0.9986	0.9359	0.6045	0.9970	0.9858	0.9029
13.6	0.9283	0.9978	0.9981	0.9279	0.3635	0.9971	0.9845	0.8186
13.7	0.9238	0.9980	0.9983	0.9416	0.1761	0.9967	0.9855	0.7323
13.8	0.9341	0.9986	0.9988	0.9362	0.0156	0.9976	0.9886	0.5967
13.9	0.8974	0.9985	0.9986	0.9034	0.0014	0.9977	0.9863	0.3700
14.0	0.8756	0.9977	0.9981	0.8719	0.0089	0.9969	0.9854	0.3104
14.1	0.8723	0.9975	0.9977	0.8434	0.1368	0.9974	0.9845	0.3179
14.2	0.8411	0.9970	0.9976	0.7082	0.1453	0.9975	0.9793	0.3258
14.3	0.8947	0.9966	0.9970	0.5879	0.1058	0.9976	0.9785	0.5677
14.4	0.9327	0.9964	0.9972	0.5169	0.3125	0.9982	0.9842	0.6680
14.5	0.9424	0.9963	0.9971	0.3404	0.3911	0.9977	0.9792	0.7451
14.6	0.9262	0.9954	0.9960	0.0009	0.4191	0.9970	0.9512	0.7286
14.7	0.9485	0.9949	0.9958	0.4589	0.5983	0.9967	0.9076	0.8341
14.8	0.9608	0.9964	0.9971	0.7772	0.8268	0.9966	0.8599	0.8826
14.9	0.9664	0.9971	0.9973	0.8687	0.8908	0.9965	0.7224	0.8916
15.0	0.9813	0.9961	0.9964	0.9521	0.9218	0.9931	0.8009	0.9245
15.1	0.9861	0.9941	0.9946	0.9692	0.9058	0.9910	0.8746	0.8980
15.2	0.9863	0.9932	0.9939	0.9760	0.9128	0.9925	0.9236	0.8104
15.3	0.9844	0.9905	0.9919	0.9834	0.9572	0.9942	0.9686	0.6986
15.4	0.9755	0.9881	0.9897	0.9844	0.9730	0.9958	0.9692	0.3254
15.5	0.9495	0.9713	0.9763	0.9706	0.9661	0.9932	0.9528	0.0459
15.6	0.9159	0.9778	0.9799	0.9747	0.9709	0.9952	0.9741	0.6496
15.7	0.8650	0.9612	0.9665	0.9597	0.9616	0.9943	0.9595	0.7668
15.8	0.9262	0.9564	0.9610	0.9449	0.9609	0.9931	0.9592	0.8577
15.9	0.9705	0.9682	0.9708	0.9315	0.9659	0.9951	0.9691	0.9462
16.0	0.9832	0.9706	0.9725	0.8995	0.9694	0.9974	0.9787	0.9695
16.1	0.9946	0.9825	0.9831	0.8858	0.9807	0.9981	0.9867	0.9824
16.2	0.9973	0.9899	0.9890	0.7806	0.9870	0.9975	0.9885	0.9895
16.3	0.9978	0.9889	0.9876	0.1409	0.9842	0.9972	0.9799	0.9856
16.4	0.9975	0.9904	0.9886	0.6595	0.9860	0.9971	0.9736	0.9817
16.5	0.9984	0.9946	0.9939	0.9007	0.9823	0.9971	0.9713	0.9813

16.6	0.9979	0.9954	0.9956	0.9044	0.9808	0.9981	0.9072	0.9764
16.7	0.9970	0.9916	0.9924	0.9108	0.9627	0.9979	0.8265	0.9587
16.8	0.9978	0.9833	0.9888	0.9371	0.9411	0.9934	0.8961	0.9598
16.9	0.9928	0.9705	0.9922	0.9531	0.9153	0.9922	0.9038	0.9582
17.0	0.9906	0.9767	0.9935	0.9665	0.9131	0.9958	0.8872	0.9644
17.1	0.9829	0.9705	0.9857	0.9646	0.8648	0.9964	0.6364	0.9587
17.2	0.9874	0.9518	0.9836	0.9726	0.8093	0.9965	0.8836	0.9459
17.3	0.9945	0.9648	0.9914	0.9747	0.7899	0.9972	0.9675	0.9367
17.4	0.9982	0.9916	0.9969	0.9776	0.8259	0.9982	0.9844	0.9613
17.5	0.9984	0.9954	0.9974	0.9757	0.8382	0.9985	0.9890	0.9700
17.6	0.9973	0.9939	0.9958	0.9778	0.8373	0.9981	0.9862	0.9667
17.7	0.9975	0.9954	0.9973	0.9781	0.7937	0.9984	0.9833	0.9591
17.8	0.9984	0.9977	0.9988	0.9771	0.7618	0.9987	0.9882	0.9512
17.9	0.9987	0.9982	0.9990	0.9744	0.8116	0.9989	0.9856	0.9525
18.0	0.9978	0.9982	0.9988	0.9612	0.7573	0.9988	0.9814	0.9450
18.1	0.9979	0.9985	0.9986	0.9507	0.6613	0.9982	0.9802	0.9491
18.2	0.9977	0.9983	0.9984	0.9084	0.5201	0.9978	0.9595	0.9220
18.3	0.9978	0.9982	0.9989	0.9133	0.3263	0.9980	0.9549	0.9082
18.4	0.9977	0.9978	0.9990	0.9095	0.1404	0.9982	0.8016	0.9098
18.5	0.9881	0.9943	0.9991	0.8121	0.5085	0.9970	0.3297	0.8477
18.6	0.9842	0.9922	0.9989	0.8793	0.7688	0.9962	0.7547	0.8961
18.7	0.9925	0.9963	0.9986	0.9463	0.9076	0.9962	0.9247	0.9497
18.8	0.9987	0.9987	0.9991	0.9909	0.9776	0.9980	0.9908	0.9830
18.9	0.9991	0.9990	0.9991	0.9910	0.9789	0.9976	0.9936	0.9814
19.0	0.9983	0.9982	0.9979	0.9854	0.9636	0.9959	0.9902	0.9685
19.1	0.9990	0.9987	0.9986	0.9918	0.9772	0.9964	0.9957	0.9702
19.2	0.9992	0.9989	0.9988	0.9906	0.9807	0.9955	0.9968	0.9529
19.3	0.9992	0.9992	0.9991	0.9916	0.9846	0.9946	0.9971	0.9488
19.4	0.9991	0.9993	0.9993	0.9920	0.9843	0.9948	0.9959	0.9571
19.5	0.9988	0.9990	0.9991	0.9884	0.9847	0.9945	0.9955	0.9596
19.6	0.9990	0.9989	0.9992	0.9876	0.9881	0.9947	0.9958	0.9683
19.7	0.9991	0.9990	0.9991	0.9881	0.9848	0.9928	0.9969	0.9689
19.8	0.9992	0.9992	0.9993	0.9850	0.9839	0.9927	0.9971	0.9684
19.9	0.9990	0.9991	0.9992	0.9865	0.9880	0.9952	0.9976	0.9761
20.0	0.9988	0.9990	0.9990	0.9872	0.9859	0.9927	0.9971	0.9768
20.1	0.9988	0.9990	0.9991	0.9848	0.9850	0.9924	0.9969	0.9765
20.2	0.9992	0.9993	0.9991	0.9889	0.9855	0.9928	0.9978	0.9833
20.3	0.9994	0.9991	0.9991	0.9900	0.9860	0.9939	0.9981	0.9800
20.4	0.9991	0.9990	0.9989	0.9881	0.9848	0.9920	0.9973	0.9846
20.5	0.9991	0.9992	0.9989	0.9889	0.9895	0.9927	0.9973	0.9846
20.6	0.9991	0.9993	0.9993	0.9909	0.9876	0.9925	0.9977	0.9891
20.7	0.9990	0.9992	0.9993	0.9916	0.9889	0.9925	0.9978	0.9875
20.8	0.9992	0.9991	0.9992	0.9913	0.9888	0.9933	0.9968	0.9871
20.9	0.9990	0.9990	0.9993	0.9896	0.9870	0.9944	0.9964	0.9866
21.0	0.9990	0.9992	0.9992	0.9916	0.9859	0.9927	0.9965	0.9851
21.1	0.9991	0.9990	0.9991	0.9894	0.9836	0.9894	0.9964	0.9819
21.2	0.9989	0.9987	0.9989	0.9912	0.9835	0.9893	0.9957	0.9857
21.3	0.9990	0.9992	0.9990	0.9927	0.9847	0.9919	0.9953	0.9857
21.4	0.9987	0.9988	0.9985	0.9889	0.9788	0.9889	0.9940	0.9793
21.5	0.9986	0.9989	0.9991	0.9903	0.9844	0.9884	0.9932	0.9828
21.6	0.9985	0.9988	0.9990	0.9863	0.9834	0.9901	0.9915	0.9845
21.7	0.9983	0.9985	0.9983	0.9811	0.9759	0.9877	0.9910	0.9822
21.8	0.9980	0.9985	0.9985	0.9771	0.9729	0.9872	0.9905	0.9829
21.9	0.9988	0.9984	0.9984	0.9788	0.9778	0.9874	0.9930	0.9834
22.0	0.9988	0.9985	0.9985	0.9817	0.9766	0.9896	0.9934	0.9903
22.1	0.9985	0.9986	0.9986	0.9816	0.9631	0.9924	0.9938	0.9899
22.2	0.9982	0.9988	0.9989	0.9812	0.9603	0.9906	0.9943	0.9895
22.3	0.9985	0.9981	0.9982	0.9797	0.9656	0.9865	0.9952	0.9888
22.4	0.9984	0.9986	0.9977	0.9749	0.9720	0.9864	0.9954	0.9889
22.5	0.9990	0.9983	0.9977	0.9804	0.9788	0.9844	0.9959	0.9865
22.6	0.9986	0.9973	0.9970	0.9707	0.9712	0.9808	0.9962	0.9885
22.7	0.9991	0.9984	0.9985	0.9778	0.9849	0.9894	0.9970	0.9932
22.8	0.9991	0.9981	0.9980	0.9695	0.9842	0.9844	0.9954	0.9883
22.9	0.9990	0.9985	0.9981	0.9620	0.9837	0.9849	0.9949	0.9915
23.0	0.9991	0.9986	0.9983	0.9709	0.9860	0.9881	0.9957	0.9928
23.1	0.9991	0.9980	0.9982	0.9689	0.9863	0.9859	0.9930	0.9862
23.2	0.9993	0.9989	0.9990	0.9643	0.9929	0.9923	0.9937	0.9906
23.3	0.9994	0.9988	0.9990	0.9684	0.9913	0.9938	0.9932	0.9941
23.4	0.9993	0.9983	0.9986	0.9613	0.9864	0.9895	0.9879	0.9910
23.5	0.9992	0.9986	0.9988	0.9567	0.9855	0.9903	0.9880	0.9907
23.6	0.9992	0.9990	0.9992	0.9689	0.9889	0.9952	0.9857	0.9920
23.7	0.9993	0.9991	0.9991	0.9802	0.9909	0.9948	0.9884	0.9934
23.8	0.9996	0.9992	0.9993	0.9843	0.9921	0.9967	0.9887	0.9949
23.9	0.9995	0.9988	0.9991	0.9832	0.9891	0.9958	0.9870	0.9937
24.0	0.9991	0.9986	0.9989	0.9815	0.9841	0.9950	0.9821	0.9935
24.1	0.9992	0.9987	0.9992	0.9788	0.9851	0.9950	0.9820	0.9920
24.2	0.9993	0.9989	0.9992	0.9866	0.9880	0.9967	0.9898	0.9945
24.3	0.9995	0.9991	0.9994	0.9894	0.9886	0.9970	0.9910	0.9959
24.4	0.9993	0.9984	0.9990	0.9846	0.9852	0.9961	0.9845	0.9933
24.5	0.9994	0.9985	0.9991	0.9856	0.9818	0.9963	0.9825	0.9939
24.6	0.9992	0.9986	0.9989	0.9833	0.9834	0.9954	0.9775	0.9933
24.7	0.9994	0.9989	0.9993	0.9883	0.9894	0.9969	0.9849	0.9951
24.8	0.9995	0.9987	0.9990	0.9914	0.9906	0.9964	0.9839	0.9953
24.9	0.9995	0.9985	0.9987	0.9918	0.9910	0.9962	0.9855	0.9958
25.0	0.9996	0.9986	0.9991	0.9905	0.9928	0.9967	0.9903	0.9968
25.1	0.9996	0.9988	0.9995	0.9918	0.9919	0.9980	0.9936	0.9965

25.2	0.9994	0.9983	0.9991	0.9900	0.9894	0.9967	0.9926	0.9937
25.3	0.9994	0.9981	0.9988	0.9890	0.9906	0.9965	0.9927	0.9953
25.4	0.9996	0.9985	0.9989	0.9924	0.9921	0.9975	0.9957	0.9964
25.5	0.9996	0.9985	0.9985	0.9914	0.9910	0.9969	0.9952	0.9963
25.6	0.9994	0.9974	0.9983	0.9888	0.9918	0.9960	0.9933	0.9961
25.7	0.9995	0.9975	0.9983	0.9883	0.9914	0.9954	0.9934	0.9944
25.8	0.9996	0.9980	0.9990	0.9920	0.9937	0.9966	0.9954	0.9960
25.9	0.9994	0.9981	0.9985	0.9902	0.9944	0.9952	0.9959	0.9964
26.0	0.9996	0.9981	0.9985	0.9932	0.9926	0.9959	0.9966	0.9957
26.1	0.9995	0.9979	0.9983	0.9909	0.9936	0.9941	0.9948	0.9944
26.2	0.9995	0.9980	0.9984	0.9879	0.9927	0.9950	0.9942	0.9956
26.3	0.9994	0.9977	0.9989	0.9886	0.9949	0.9961	0.9950	0.9969
26.4	0.9994	0.9976	0.9990	0.9887	0.9953	0.9947	0.9962	0.9970
26.5	0.9994	0.9975	0.9987	0.9878	0.9937	0.9941	0.9938	0.9960
26.6	0.9995	0.9983	0.9988	0.9889	0.9943	0.9958	0.9937	0.9965
26.7	0.9997	0.9988	0.9992	0.9894	0.9961	0.9964	0.9951	0.9974
26.8	0.9996	0.9983	0.9991	0.9867	0.9968	0.9946	0.9953	0.9973
26.9	0.9994	0.9977	0.9986	0.9842	0.9967	0.9915	0.9944	0.9972
27.0	0.9994	0.9976	0.9987	0.9847	0.9966	0.9912	0.9920	0.9975
27.1	0.9994	0.9980	0.9988	0.9829	0.9965	0.9914	0.9884	0.9978
27.2	0.9994	0.9978	0.9984	0.9820	0.9970	0.9916	0.9866	0.9977
27.3	0.9992	0.9970	0.9979	0.9841	0.9964	0.9899	0.9803	0.9970
27.4	0.9993	0.9977	0.9985	0.9842	0.9965	0.9925	0.9850	0.9965
27.5	0.9994	0.9976	0.9988	0.9843	0.9962	0.9938	0.9893	0.9968
27.6	0.9995	0.9974	0.9982	0.9870	0.9959	0.9923	0.9892	0.9967
27.7	0.9994	0.9970	0.9978	0.9880	0.9963	0.9926	0.9902	0.9969
27.8	0.9995	0.9974	0.9983	0.9877	0.9960	0.9945	0.9915	0.9975
27.9	0.9995	0.9976	0.9983	0.9892	0.9968	0.9943	0.9930	0.9973
28.0	0.9994	0.9982	0.9988	0.9910	0.9978	0.9961	0.9938	0.9978
28.1	0.9992	0.9979	0.9984	0.9893	0.9968	0.9956	0.9905	0.9978
28.2	0.9996	0.9978	0.9985	0.9911	0.9959	0.9958	0.9937	0.9975
28.3	0.9996	0.9971	0.9984	0.9901	0.9961	0.9962	0.9959	0.9969
28.4	0.9996	0.9973	0.9986	0.9912	0.9979	0.9965	0.9965	0.9974
28.5	0.9996	0.9973	0.9983	0.9928	0.9972	0.9966	0.9958	0.9966
28.6	0.9994	0.9975	0.9979	0.9906	0.9951	0.9957	0.9925	0.9960
28.7	0.9995	0.9972	0.9985	0.9930	0.9969	0.9961	0.9955	0.9972
28.8	0.9996	0.9977	0.9986	0.9941	0.9974	0.9967	0.9967	0.9975
28.9	0.9994	0.9979	0.9985	0.9928	0.9969	0.9971	0.9960	0.9974
29.0	0.9993	0.9969	0.9982	0.9931	0.9953	0.9963	0.9942	0.9962
29.1	0.9995	0.9956	0.9981	0.9917	0.9959	0.9971	0.9954	0.9963
29.2	0.9997	0.9968	0.9988	0.9932	0.9963	0.9976	0.9966	0.9964
29.3	0.9997	0.9970	0.9987	0.9947	0.9964	0.9981	0.9970	0.9966
29.4	0.9996	0.9965	0.9973	0.9933	0.9947	0.9972	0.9969	0.9956
29.5	0.9995	0.9958	0.9971	0.9872	0.9940	0.9967	0.9958	0.9938
29.6	0.9995	0.9959	0.9981	0.9902	0.9951	0.9964	0.9966	0.9954
29.7	0.9994	0.9949	0.9975	0.9898	0.9952	0.9954	0.9956	0.9947
29.8	0.9994	0.9944	0.9979	0.9916	0.9947	0.9950	0.9954	0.9945
29.9	0.9986	0.9924	0.9973	0.9873	0.9917	0.9927	0.9888	0.9922
30.0	0.9989	0.9941	0.9975	0.9863	0.9903	0.9919	0.9896	0.9914
30.1	0.9996	0.9944	0.9977	0.9925	0.9921	0.9907	0.9946	0.9914
30.2	0.9993	0.9914	0.9974	0.9912	0.9874	0.9905	0.9927	0.9847
30.3	0.9992	0.9910	0.9972	0.9886	0.9850	0.9927	0.9928	0.9853
30.4	0.9994	0.9948	0.9978	0.9927	0.9904	0.9940	0.9953	0.9908
30.5	0.9992	0.9931	0.9974	0.9936	0.9895	0.9929	0.9946	0.9893
30.6	0.9990	0.9911	0.9971	0.9914	0.9834	0.9898	0.9909	0.9851
30.7	0.9991	0.9923	0.9976	0.9910	0.9799	0.9877	0.9898	0.9829
30.8	0.9991	0.9937	0.9975	0.9887	0.9798	0.9881	0.9896	0.9815
30.9	0.9993	0.9924	0.9971	0.9833	0.9775	0.9892	0.9884	0.9828
31.0	0.9989	0.9872	0.9961	0.9814	0.9751	0.9839	0.9878	0.9818
31.1	0.9988	0.9862	0.9954	0.9735	0.9707	0.9722	0.9841	0.9756
31.2	0.9991	0.9851	0.9969	0.9626	0.9695	0.9740	0.9850	0.9741
31.3	0.9993	0.9850	0.9973	0.9697	0.9699	0.9810	0.9886	0.9779
31.4	0.9992	0.9817	0.9958	0.9632	0.9672	0.9765	0.9894	0.9741
31.5	0.9993	0.9856	0.9968	0.9574	0.9617	0.9763	0.9877	0.9706
31.6	0.9995	0.9859	0.9970	0.9565	0.9607	0.9794	0.9874	0.9716
31.7	0.9996	0.9817	0.9965	0.9577	0.9627	0.9749	0.9885	0.9734
31.8	0.9994	0.9804	0.9965	0.9443	0.9558	0.9826	0.9861	0.9690
31.9	0.9992	0.9742	0.9954	0.9173	0.9411	0.9716	0.9815	0.9609
32.0	0.9992	0.9734	0.9950	0.9264	0.9377	0.9718	0.9782	0.9612
32.1	0.9994	0.9764	0.9959	0.9218	0.9430	0.9648	0.9831	0.9594
32.2	0.9991	0.9699	0.9949	0.9059	0.9345	0.9638	0.9751	0.9555
32.3	0.9991	0.9697	0.9948	0.9133	0.9405	0.9705	0.9719	0.9645
32.4	0.9993	0.9760	0.9956	0.9302	0.9612	0.9766	0.9788	0.9771
32.5	0.9992	0.9800	0.9954	0.9204	0.9575	0.9752	0.9717	0.9799
32.6	0.9992	0.9781	0.9956	0.9074	0.9490	0.9738	0.9604	0.9780
32.7	0.9989	0.9797	0.9960	0.9147	0.9471	0.9767	0.9379	0.9802
32.8	0.9986	0.9741	0.9942	0.9014	0.9253	0.9770	0.9085	0.9740
32.9	0.9990	0.9771	0.9946	0.9303	0.9330	0.9855	0.9369	0.9776
33.0	0.9992	0.9789	0.9955	0.9542	0.9471	0.9872	0.9648	0.9841
33.1	0.9990	0.9751	0.9958	0.9560	0.9519	0.9861	0.9697	0.9813
33.2	0.9992	0.9759	0.9946	0.9661	0.9709	0.9870	0.9847	0.9890
33.3	0.9994	0.9744	0.9945	0.9790	0.9775	0.9849	0.9886	0.9894
33.4	0.9996	0.9737	0.9943	0.9754	0.9779	0.9882	0.9908	0.9903
33.5	0.9993	0.9703	0.9930	0.9662	0.9729	0.9861	0.9886	0.9884
33.6	0.9989	0.9605	0.9924	0.9571	0.9589	0.9865	0.9824	0.9786
33.7	0.9990	0.9668	0.9923	0.9675	0.9686	0.9869	0.9876	0.9829

33.8	0.9989	0.9601	0.9923	0.9721	0.9668	0.9876	0.9891	0.9837
33.9	0.9990	0.9582	0.9918	0.9748	0.9681	0.9872	0.9912	0.9844
34.0	0.9991	0.9583	0.9926	0.9762	0.9729	0.9852	0.9924	0.9829
34.1	0.9991	0.9491	0.9923	0.9834	0.9714	0.9883	0.9924	0.9803
34.2	0.9990	0.9435	0.9920	0.9816	0.9701	0.9916	0.9918	0.9769
34.3	0.9990	0.9352	0.9907	0.9795	0.9635	0.9920	0.9907	0.9762
34.4	0.9991	0.9328	0.9907	0.9825	0.9735	0.9917	0.9926	0.9831
34.5	0.9988	0.9371	0.9885	0.9792	0.9757	0.9904	0.9918	0.9811
34.6	0.9990	0.9485	0.9923	0.9874	0.9782	0.9931	0.9920	0.9825
34.7	0.9991	0.9138	0.9885	0.9858	0.9834	0.9917	0.9933	0.9843
34.8	0.9991	0.9011	0.9890	0.9883	0.9873	0.9940	0.9950	0.9876
34.9	0.9994	0.9217	0.9898	0.9914	0.9914	0.9957	0.9966	0.9918
35.0	0.9997	0.9048	0.9924	0.9923	0.9929	0.9965	0.9976	0.9909
35.1	0.9992	0.8276	0.9883	0.9889	0.9873	0.9931	0.9959	0.9851
35.2	0.9992	0.8067	0.9895	0.9913	0.9862	0.9929	0.9961	0.9819
35.3	0.9993	0.7992	0.9872	0.9913	0.9880	0.9935	0.9961	0.9823
35.4	0.9994	0.7751	0.9869	0.9922	0.9854	0.9953	0.9969	0.9807
35.5	0.9994	0.7738	0.9865	0.9932	0.9837	0.9952	0.9967	0.9787
35.6	0.9991	0.7107	0.9844	0.9938	0.9822	0.9961	0.9956	0.9800
35.7	0.9992	0.7640	0.9869	0.9943	0.9855	0.9956	0.9958	0.9829
35.8	0.9994	0.8365	0.9900	0.9946	0.9875	0.9966	0.9968	0.9852
35.9	0.9990	0.6442	0.9811	0.9921	0.9798	0.9940	0.9951	0.9773
36.0	0.9994	0.7088	0.9840	0.9952	0.9911	0.9969	0.9975	0.9885
36.1	0.9994	0.7316	0.9828	0.9956	0.9908	0.9972	0.9975	0.9897
36.2	0.9994	0.6629	0.9815	0.9959	0.9914	0.9962	0.9977	0.9890
36.3	0.9993	0.7366	0.9759	0.9942	0.9918	0.9965	0.9977	0.9895
36.4	0.9993	0.7395	0.9779	0.9949	0.9926	0.9961	0.9980	0.9913
36.5	0.9992	0.7743	0.9752	0.9965	0.9919	0.9966	0.9975	0.9907
36.6	0.9995	0.8507	0.9806	0.9965	0.9934	0.9976	0.9980	0.9920
36.7	0.9996	0.8188	0.9806	0.9965	0.9952	0.9979	0.9986	0.9934
36.8	0.9995	0.7878	0.9740	0.9970	0.9949	0.9974	0.9981	0.9932
36.9	0.9995	0.8413	0.9743	0.9960	0.9938	0.9972	0.9976	0.9906
37.0	0.9991	0.7941	0.9654	0.9959	0.9932	0.9962	0.9977	0.9901
37.1	0.9990	0.8159	0.9567	0.9955	0.9933	0.9955	0.9980	0.9915
37.2	0.9993	0.8884	0.9687	0.9966	0.9946	0.9960	0.9984	0.9930
37.3	0.9993	0.8857	0.9657	0.9969	0.9931	0.9950	0.9984	0.9897
37.4	0.9993	0.8944	0.9623	0.9966	0.9937	0.9949	0.9986	0.9911
37.5	0.9994	0.9022	0.9672	0.9968	0.9924	0.9929	0.9985	0.9891
37.6	0.9996	0.9348	0.9749	0.9980	0.9938	0.9938	0.9987	0.9900
37.7	0.9995	0.9375	0.9666	0.9979	0.9939	0.9941	0.9988	0.9908
37.8	0.9992	0.9265	0.9419	0.9974	0.9929	0.9892	0.9982	0.9899
37.9	0.9991	0.9151	0.9285	0.9970	0.9909	0.9884	0.9977	0.9865
38.0	0.9992	0.9238	0.9311	0.9964	0.9942	0.9894	0.9982	0.9891
38.1	0.9989	0.9286	0.9227	0.9951	0.9926	0.9878	0.9977	0.9888
38.2	0.9988	0.9339	0.9295	0.9959	0.9942	0.9871	0.9983	0.9890
38.3	0.9991	0.9396	0.9160	0.9971	0.9946	0.9852	0.9987	0.9881
38.4	0.9990	0.9425	0.9082	0.9973	0.9937	0.9829	0.9989	0.9887
38.5	0.9992	0.9442	0.9102	0.9968	0.9929	0.9822	0.9987	0.9886
38.6	0.9993	0.9543	0.9248	0.9974	0.9945	0.9792	0.9988	0.9897
38.7	0.9990	0.9469	0.9001	0.9970	0.9918	0.9611	0.9987	0.9840
38.8	0.9990	0.9336	0.8921	0.9966	0.9903	0.9437	0.9986	0.9838
38.9	0.9993	0.9454	0.8833	0.9974	0.9934	0.9414	0.9988	0.9880
39.0	0.9993	0.9545	0.8691	0.9975	0.9933	0.9274	0.9991	0.9891
39.1	0.9993	0.9620	0.8638	0.9973	0.9920	0.9095	0.9991	0.9870
39.2	0.9993	0.9596	0.8224	0.9978	0.9935	0.9135	0.9988	0.9887
39.3	0.9992	0.9537	0.7892	0.9974	0.9938	0.9113	0.9985	0.9897
39.4	0.9990	0.9558	0.7718	0.9966	0.9921	0.9263	0.9985	0.9865
39.5	0.9989	0.9521	0.7521	0.9971	0.9920	0.9490	0.9987	0.9874
39.6	0.9987	0.9464	0.6479	0.9962	0.9899	0.9494	0.9985	0.9836
39.7	0.9988	0.9553	0.5805	0.9959	0.9919	0.9317	0.9984	0.9855
39.8	0.9989	0.9638	0.5513	0.9962	0.9924	0.9581	0.9987	0.9854
39.9	0.9985	0.9545	0.5423	0.9962	0.9905	0.9709	0.9982	0.9819
40.0	0.9985	0.9573	0.3880	0.9962	0.9881	0.9753	0.9983	0.9793
40.1	0.9985	0.9571	0.2748	0.9967	0.9884	0.9750	0.9983	0.9795
40.2	0.9988	0.9718	0.4446	0.9966	0.9893	0.9801	0.9985	0.9812
40.3	0.9987	0.9701	0.3931	0.9952	0.9900	0.9840	0.9980	0.9798
40.4	0.9988	0.9713	0.2591	0.9955	0.9904	0.9844	0.9981	0.9790
40.5	0.9983	0.9747	0.2486	0.9942	0.9892	0.9845	0.9973	0.9756
40.6	0.9978	0.9641	0.2866	0.9923	0.9857	0.9847	0.9956	0.9669
40.7	0.9977	0.9647	0.2129	0.9887	0.9864	0.9847	0.9948	0.9641
40.8	0.9976	0.9646	0.2812	0.9874	0.9837	0.9828	0.9940	0.9549
40.9	0.9982	0.9743	0.2942	0.9927	0.9849	0.9861	0.9951	0.9612
41.0	0.9979	0.9795	0.3157	0.9912	0.9838	0.9853	0.9940	0.9549
41.1	0.9976	0.9776	0.3248	0.9883	0.9851	0.9859	0.9937	0.9511
41.2	0.9975	0.9835	0.3958	0.9857	0.9828	0.9882	0.9919	0.9419
41.3	0.9971	0.9842	0.3556	0.9857	0.9790	0.9864	0.9905	0.9378
41.4	0.9963	0.9858	0.5093	0.9836	0.9790	0.9834	0.9890	0.9295
41.5	0.9948	0.9801	0.5117	0.9809	0.9747	0.9812	0.9860	0.9168
41.6	0.9930	0.9765	0.4251	0.9727	0.9627	0.9812	0.9810	0.8804
41.7	0.9947	0.9803	0.5050	0.9759	0.9673	0.9823	0.9828	0.8855
41.8	0.9959	0.9824	0.6548	0.9798	0.9656	0.9807	0.9839	0.8786
41.9	0.9964	0.9857	0.6050	0.9850	0.9744	0.9836	0.9883	0.9066
42.0	0.9965	0.9855	0.6232	0.9837	0.9731	0.9747	0.9881	0.9045
42.1	0.9961	0.9799	0.6586	0.9764	0.9586	0.9674	0.9821	0.8454
42.2	0.9961	0.9837	0.6850	0.9806	0.9684	0.9710	0.9864	0.8742
42.3	0.9959	0.9879	0.8130	0.9804	0.9672	0.9646	0.9858	0.8624

42.4	0.9964	0.9885	0.8465	0.9791	0.9643	0.9711	0.9843	0.8407
42.5	0.9959	0.9838	0.7724	0.9794	0.9603	0.9704	0.9840	0.8402
42.6	0.9958	0.9839	0.7973	0.9806	0.9588	0.9712	0.9849	0.8701
42.7	0.9956	0.9826	0.7945	0.9775	0.9521	0.9631	0.9825	0.8494
42.8	0.9945	0.9837	0.8002	0.9685	0.9376	0.9624	0.9772	0.8088
42.9	0.9930	0.9808	0.7775	0.9635	0.9231	0.9451	0.9720	0.7901
43.0	0.9940	0.9872	0.8534	0.9740	0.9421	0.9580	0.9807	0.8152
43.1	0.9937	0.9833	0.8527	0.9726	0.9384	0.9620	0.9800	0.8252
43.2	0.9957	0.9857	0.9005	0.9799	0.9461	0.9739	0.9841	0.8590
43.3	0.9960	0.9856	0.8819	0.9811	0.9541	0.9685	0.9859	0.8744
43.4	0.9957	0.9882	0.9159	0.9835	0.9621	0.9577	0.9858	0.9023
43.5	0.9958	0.9839	0.9119	0.9839	0.9716	0.9715	0.9870	0.9283
43.6	0.9947	0.9806	0.8841	0.9762	0.9562	0.9624	0.9814	0.8790
43.7	0.9922	0.9841	0.9079	0.9685	0.9364	0.9535	0.9717	0.8362
43.8	0.9920	0.9864	0.8956	0.9680	0.9298	0.9457	0.9730	0.8297
43.9	0.9938	0.9896	0.9151	0.9804	0.9369	0.9455	0.9828	0.8573
44.0	0.9925	0.9881	0.9026	0.9762	0.9237	0.9202	0.9803	0.8053
44.1	0.9921	0.9845	0.8844	0.9674	0.9158	0.8784	0.9756	0.7621
44.2	0.9930	0.9873	0.9262	0.9645	0.9189	0.8657	0.9761	0.7746
44.3	0.9907	0.9872	0.9327	0.9585	0.8964	0.8116	0.9731	0.7473
44.4	0.9938	0.9909	0.9507	0.9700	0.9287	0.8424	0.9820	0.8113
44.5	0.9927	0.9912	0.9590	0.9605	0.9122	0.8022	0.9769	0.7686
44.6	0.9914	0.9906	0.9476	0.9569	0.9185	0.7755	0.9762	0.7717
44.7	0.9932	0.9910	0.9477	0.9672	0.9420	0.7890	0.9820	0.8338
44.8	0.9926	0.9915	0.9380	0.9602	0.9261	0.7291	0.9786	0.7722
44.9	0.9917	0.9926	0.9450	0.9506	0.9036	0.6017	0.9667	0.7457
45.0	0.9910	0.9898	0.9537	0.9478	0.8960	0.5302	0.9644	0.7587
45.1	0.9909	0.9908	0.9537	0.9433	0.8856	0.4406	0.9662	0.7196
45.2	0.9876	0.9889	0.9419	0.9195	0.8478	0.3264	0.9537	0.5930
45.3	0.9893	0.9911	0.9601	0.9305	0.8716	0.4557	0.9598	0.6669
45.4	0.9901	0.9916	0.9553	0.9403	0.9023	0.5124	0.9670	0.7218
45.5	0.9906	0.9891	0.9580	0.9348	0.8943	0.4297	0.9625	0.7296
45.6	0.9918	0.9906	0.9643	0.9353	0.9075	0.4413	0.9606	0.7680
45.7	0.9924	0.9901	0.9497	0.9420	0.9158	0.4222	0.9683	0.7876
45.8	0.9932	0.9906	0.9608	0.9481	0.9235	0.4346	0.9750	0.8106
45.9	0.9923	0.9915	0.9551	0.9486	0.9192	0.4734	0.9726	0.8048
46.0	0.9956	0.9934	0.9682	0.9672	0.9499	0.6291	0.9844	0.8830
46.1	0.9952	0.9920	0.9647	0.9623	0.9459	0.6139	0.9831	0.8676
46.2	0.9953	0.9915	0.9634	0.9574	0.9423	0.6706	0.9837	0.8562
46.3	0.9964	0.9928	0.9714	0.9681	0.9450	0.7317	0.9865	0.8669
46.4	0.9948	0.9901	0.9651	0.9621	0.9493	0.7492	0.9843	0.8780
46.5	0.9961	0.9910	0.9714	0.9693	0.9669	0.7976	0.9879	0.9277
46.6	0.9967	0.9913	0.9753	0.9764	0.9642	0.8489	0.9883	0.9233
46.7	0.9971	0.9920	0.9797	0.9788	0.9704	0.8765	0.9902	0.9287
46.8	0.9970	0.9925	0.9768	0.9776	0.9696	0.8942	0.9907	0.9264
46.9	0.9980	0.9948	0.9829	0.9842	0.9715	0.9347	0.9930	0.9416
47.0	0.9976	0.9941	0.9840	0.9860	0.9690	0.9519	0.9936	0.9435
47.1	0.9974	0.9936	0.9870	0.9820	0.9637	0.9490	0.9910	0.9415
47.2	0.9972	0.9936	0.9796	0.9782	0.9597	0.9464	0.9893	0.9364
47.3	0.9965	0.9910	0.9734	0.9627	0.9515	0.9171	0.9847	0.9215
47.4	0.9976	0.9901	0.9839	0.9720	0.9531	0.9147	0.9884	0.9225
47.5	0.9983	0.9950	0.9869	0.9819	0.9637	0.9402	0.9917	0.9453
47.6	0.9975	0.9931	0.9818	0.9691	0.9434	0.9463	0.9889	0.8996
47.7	0.9976	0.9943	0.9823	0.9667	0.9557	0.9556	0.9905	0.9068
47.8	0.9980	0.9943	0.9888	0.9781	0.9734	0.9682	0.9941	0.9487
47.9	0.9977	0.9925	0.9879	0.9786	0.9673	0.9636	0.9938	0.9467
48.0	0.9975	0.9928	0.9838	0.9749	0.9532	0.9469	0.9909	0.9238
48.1	0.9982	0.9957	0.9873	0.9719	0.9594	0.9484	0.9925	0.8921
48.2	0.9987	0.9941	0.9895	0.9764	0.9660	0.9700	0.9946	0.9163
48.3	0.9985	0.9930	0.9914	0.9714	0.9678	0.9788	0.9949	0.9318
48.4	0.9983	0.9928	0.9904	0.9775	0.9666	0.9758	0.9951	0.9409
48.5	0.9985	0.9945	0.9871	0.9788	0.9657	0.9645	0.9938	0.9395
48.6	0.9989	0.9954	0.9888	0.9791	0.9684	0.9637	0.9952	0.9474
48.7	0.9989	0.9942	0.9919	0.9784	0.9614	0.9691	0.9947	0.9486
48.8	0.9983	0.9942	0.9885	0.9738	0.9600	0.9708	0.9950	0.9432
48.9	0.9981	0.9941	0.9894	0.9697	0.9610	0.9517	0.9945	0.9444
49.0	0.9977	0.9941	0.9893	0.9722	0.9575	0.9473	0.9940	0.9355
49.1	0.9980	0.9932	0.9893	0.9747	0.9554	0.9630	0.9951	0.9339
49.2	0.9981	0.9925	0.9900	0.9776	0.9473	0.9666	0.9956	0.9350
49.3	0.9982	0.9917	0.9897	0.9784	0.9424	0.9614	0.9951	0.9353
49.4	0.9986	0.9942	0.9930	0.9828	0.9491	0.9657	0.9959	0.9299
49.5	0.9983	0.9941	0.9919	0.9820	0.9496	0.9661	0.9960	0.9265
49.6	0.9979	0.9933	0.9880	0.9753	0.9450	0.9589	0.9949	0.8815
49.7	0.9979	0.9933	0.9878	0.9769	0.9555	0.9623	0.9954	0.9290
49.8	0.9969	0.9898	0.9892	0.9696	0.9297	0.9412	0.9942	0.9363
49.9	0.9977	0.9924	0.9896	0.9761	0.9258	0.9411	0.9944	0.9293
50.0	0.9974	0.9927	0.9862	0.9691	0.9065	0.9505	0.9929	0.8940
50.1	0.9984	0.9958	0.9918	0.9775	0.9314	0.9681	0.9955	0.9448
50.2	0.9978	0.9954	0.9909	0.9726	0.9270	0.9542	0.9944	0.9201
50.3	0.9976	0.9943	0.9923	0.9771	0.9264	0.9488	0.9954	0.9032
50.4	0.9983	0.9940	0.9913	0.9796	0.9208	0.9570	0.9961	0.9276
50.5	0.9986	0.9937	0.9933	0.9815	0.9127	0.9631	0.9954	0.9307
50.6	0.9985	0.9951	0.9928	0.9819	0.9305	0.9628	0.9958	0.9305
50.7	0.9984	0.9936	0.9931	0.9831	0.9239	0.9607	0.9949	0.9111
50.8	0.9979	0.9935	0.9914	0.9812	0.9136	0.9604	0.9941	0.9059
50.9	0.9980	0.9924	0.9917	0.9793	0.9050	0.9465	0.9931	0.8728

51.0	0.9983	0.9941	0.9953	0.9845	0.9288	0.9526	0.9944	0.9123
51.1	0.9986	0.9958	0.9952	0.9821	0.9308	0.9622	0.9952	0.9015
51.2	0.9988	0.9954	0.9937	0.9773	0.9170	0.9564	0.9944	0.8926
51.3	0.9989	0.9956	0.9943	0.9761	0.9222	0.9574	0.9951	0.8826
51.4	0.9983	0.9942	0.9941	0.9796	0.8846	0.9561	0.9943	0.8363
51.5	0.9984	0.9947	0.9959	0.9824	0.8822	0.9669	0.9946	0.8385
51.6	0.9983	0.9942	0.9934	0.9706	0.8681	0.9597	0.9927	0.8610
51.7	0.9980	0.9943	0.9930	0.9680	0.8738	0.9618	0.9915	0.9258
51.8	0.9979	0.9947	0.9948	0.9769	0.8958	0.9730	0.9939	0.9171
51.9	0.9987	0.9956	0.9953	0.9849	0.9175	0.9731	0.9954	0.9000
52.0	0.9984	0.9950	0.9944	0.9818	0.8990	0.9739	0.9956	0.8691
52.1	0.9982	0.9940	0.9936	0.9765	0.8664	0.9746	0.9944	0.8515
52.2	0.9986	0.9958	0.9957	0.9780	0.8950	0.9824	0.9963	0.9036
52.3	0.9987	0.9953	0.9976	0.9754	0.8920	0.9805	0.9968	0.9232
52.4	0.9985	0.9948	0.9968	0.9743	0.8691	0.9701	0.9951	0.9215
52.5	0.9986	0.9963	0.9962	0.9759	0.8403	0.9655	0.9936	0.8901
52.6	0.9989	0.9968	0.9966	0.9851	0.8593	0.9713	0.9954	0.9339
52.7	0.9989	0.9964	0.9968	0.9886	0.8464	0.9752	0.9956	0.9188
52.8	0.9985	0.9955	0.9968	0.9778	0.7731	0.9604	0.9930	0.8659
52.9	0.9980	0.9948	0.9962	0.9790	0.7720	0.9637	0.9915	0.7758
53.0	0.9984	0.9955	0.9969	0.9849	0.8163	0.9619	0.9933	0.6620
53.1	0.9984	0.9954	0.9969	0.9824	0.7572	0.9632	0.9930	0.6728
53.2	0.9980	0.9943	0.9968	0.9759	0.6620	0.9572	0.9927	0.7764
53.3	0.9982	0.9946	0.9964	0.9803	0.6603	0.9621	0.9936	0.8825
53.4	0.9982	0.9948	0.9965	0.9799	0.4657	0.9451	0.9908	0.8580
53.5	0.9987	0.9968	0.9966	0.9829	0.3641	0.9464	0.9905	0.8624
53.6	0.9987	0.9974	0.9971	0.9844	0.5223	0.9608	0.9930	0.8075
53.7	0.9985	0.9975	0.9967	0.9840	0.4592	0.9591	0.9926	0.7806
53.8	0.9984	0.9974	0.9968	0.9822	0.4967	0.9449	0.9937	0.6903
53.9	0.9986	0.9973	0.9967	0.9840	0.4747	0.9499	0.9931	0.6047
54.0	0.9984	0.9965	0.9973	0.9843	0.5175	0.9443	0.9916	0.7367
54.1	0.9979	0.9968	0.9965	0.9787	0.5556	0.9500	0.9929	0.7612
54.2	0.9981	0.9970	0.9951	0.9731	0.4720	0.9589	0.9932	0.6767
54.3	0.9984	0.9971	0.9963	0.9785	0.5907	0.9675	0.9951	0.6778
54.4	0.9983	0.9969	0.9955	0.9771	0.5085	0.9528	0.9931	0.6277
54.5	0.9980	0.9971	0.9964	0.9701	0.6177	0.9329	0.9920	0.6882
54.6	0.9973	0.9965	0.9955	0.9681	0.5121	0.9241	0.9917	0.7256
54.7	0.9983	0.9981	0.9970	0.9803	0.6126	0.9494	0.9949	0.8304
54.8	0.9984	0.9982	0.9983	0.9735	0.6763	0.9615	0.9956	0.7842
54.9	0.9984	0.9977	0.9980	0.9738	0.5240	0.9579	0.9949	0.7202
55.0	0.9983	0.9975	0.9983	0.9810	0.5730	0.9597	0.9947	0.7465
55.1	0.9986	0.9978	0.9983	0.9786	0.6365	0.9526	0.9960	0.7058
55.2	0.9984	0.9977	0.9980	0.9776	0.5502	0.9405	0.9957	0.6495
55.3	0.9981	0.9976	0.9978	0.9754	0.4389	0.9436	0.9947	0.7474
55.4	0.9979	0.9970	0.9971	0.9770	0.3634	0.9509	0.9942	0.8152
55.5	0.9985	0.9977	0.9974	0.9836	0.3385	0.9637	0.9949	0.8643
55.6	0.9983	0.9977	0.9983	0.9857	0.3055	0.9656	0.9958	0.8997
55.7	0.9979	0.9980	0.9979	0.9707	0.3881	0.9552	0.9945	0.8748
55.8	0.9978	0.9978	0.9982	0.9713	0.3040	0.9568	0.9938	0.8786
55.9	0.9981	0.9982	0.9983	0.9729	0.1357	0.9557	0.9933	0.8665
56.0	0.9979	0.9981	0.9981	0.9756	0.1597	0.9583	0.9950	0.8689
56.1	0.9977	0.9976	0.9973	0.9658	0.0748	0.9599	0.9942	0.8440
56.2	0.9983	0.9979	0.9976	0.9738	0.1556	0.9567	0.9943	0.8457
56.3	0.9979	0.9978	0.9978	0.9743	0.1402	0.9537	0.9948	0.8627
56.4	0.9983	0.9984	0.9982	0.9793	0.0435	0.9598	0.9958	0.9105
56.5	0.9981	0.9985	0.9981	0.9716	0.0013	0.9570	0.9949	0.9196
56.6	0.9978	0.9982	0.9982	0.9649	0.0081	0.9527	0.9951	0.8804
56.7	0.9978	0.9980	0.9983	0.9700	0.0942	0.9633	0.9957	0.8536
56.8	0.9985	0.9976	0.9974	0.9652	0.0553	0.9682	0.9957	0.8171
56.9	0.9982	0.9980	0.9978	0.9644	0.0110	0.9612	0.9951	0.8109
57.0	0.9985	0.9980	0.9981	0.9648	0.0126	0.9686	0.9950	0.8177
57.1	0.9984	0.9983	0.9981	0.9664	0.0297	0.9686	0.9958	0.8316
57.2	0.9984	0.9990	0.9981	0.9570	0.1332	0.9764	0.9963	0.8334
57.3	0.9983	0.9986	0.9975	0.9521	0.0580	0.9771	0.9959	0.8157
57.4	0.9986	0.9982	0.9977	0.9534	0.0216	0.9731	0.9950	0.7920
57.5	0.9984	0.9977	0.9977	0.9441	0.1432	0.9690	0.9951	0.7670
57.6	0.9982	0.9975	0.9979	0.9359	0.1915	0.9677	0.9944	0.6769
57.7	0.9982	0.9971	0.9974	0.8844	0.2120	0.9571	0.9931	0.7244
57.8	0.9983	0.9981	0.9981	0.8635	0.2887	0.9548	0.9942	0.7622
57.9	0.9976	0.9974	0.9975	0.8091	0.2813	0.9589	0.9927	0.6472
58.0	0.9984	0.9983	0.9984	0.8083	0.3712	0.9638	0.9951	0.7179
58.1	0.9981	0.9984	0.9981	0.6540	0.4960	0.9586	0.9959	0.7636
58.2	0.9980	0.9983	0.9970	0.4910	0.5269	0.9495	0.9934	0.7359
58.3	0.9981	0.9980	0.9971	0.1970	0.6884	0.9538	0.9931	0.6707
58.4	0.9988	0.9987	0.9985	0.1207	0.7286	0.9693	0.9951	0.7776
58.5	0.9983	0.9985	0.9980	0.4148	0.7154	0.9667	0.9941	0.7647
58.6	0.9979	0.9977	0.9976	0.6580	0.7435	0.9590	0.9927	0.7139
58.7	0.9983	0.9974	0.9981	0.8383	0.8078	0.9540	0.9927	0.6194
58.8	0.9982	0.9974	0.9980	0.9192	0.8059	0.9552	0.9919	0.6807
58.9	0.9977	0.9974	0.9974	0.9313	0.8384	0.9487	0.9919	0.6985
59.0	0.9970	0.9962	0.9973	0.9333	0.8374	0.9194	0.9895	0.6064
59.1	0.9981	0.9964	0.9979	0.9593	0.8937	0.9396	0.9943	0.6146
59.2	0.9985	0.9977	0.9983	0.9763	0.9436	0.9478	0.9951	0.7089
59.3	0.9982	0.9966	0.9979	0.9789	0.9547	0.9540	0.9942	0.7480
59.4	0.9979	0.9943	0.9972	0.9798	0.9458	0.9369	0.9947	0.7786
59.5	0.9984	0.9946	0.9977	0.9857	0.9560	0.9358	0.9950	0.7985

59.6	0.9986	0.9954	0.9972	0.9894	0.9638	0.9495	0.9959	0.8366
59.7	0.9983	0.9949	0.9970	0.9920	0.9608	0.9462	0.9959	0.8171
59.8	0.9980	0.9920	0.9965	0.9864	0.9543	0.9111	0.9937	0.7049
59.9	0.9706	0.9466	0.9879	0.4126	0.9247	0.9272	0.9942	0.6914
60.0	0.9208	0.8637	0.9718	0.2591	0.8990	0.9219	0.9961	0.8566
60.1	0.9745	0.9551	0.9904	0.5119	0.9617	0.9282	0.9961	0.8423
60.2	0.9980	0.9958	0.9974	0.9936	0.9688	0.9004	0.9959	0.7952
60.3	0.9979	0.9965	0.9969	0.9950	0.9690	0.9246	0.9968	0.8347
60.4	0.9982	0.9966	0.9967	0.9964	0.9650	0.9068	0.9970	0.8533
60.5	0.9985	0.9970	0.9968	0.9962	0.9666	0.8666	0.9968	0.8683
60.6	0.9987	0.9975	0.9971	0.9940	0.9750	0.8843	0.9969	0.8724
60.7	0.9985	0.9970	0.9973	0.9940	0.9756	0.8579	0.9968	0.8835
60.8	0.9986	0.9964	0.9967	0.9952	0.9756	0.8627	0.9953	0.8487
60.9	0.9986	0.9977	0.9968	0.9954	0.9754	0.8394	0.9966	0.8598
61.0	0.9981	0.9965	0.9949	0.9931	0.9599	0.7393	0.9962	0.8252
61.1	0.9980	0.9974	0.9964	0.9923	0.9598	0.7487	0.9953	0.8283
61.2	0.9974	0.9966	0.9960	0.9907	0.9640	0.6819	0.9941	0.8360
61.3	0.9983	0.9977	0.9965	0.9933	0.9671	0.6941	0.9961	0.8917
61.4	0.9986	0.9982	0.9966	0.9944	0.9675	0.6594	0.9968	0.9098
61.5	0.9986	0.9983	0.9970	0.9926	0.9702	0.5559	0.9970	0.9252
61.6	0.9987	0.9981	0.9958	0.9924	0.9712	0.6362	0.9959	0.8820
61.7	0.9986	0.9985	0.9962	0.9939	0.9700	0.6726	0.9956	0.8879
61.8	0.9986	0.9980	0.9969	0.9927	0.9615	0.5940	0.9955	0.9134
61.9	0.9982	0.9975	0.9963	0.9928	0.9678	0.5300	0.9944	0.9194
62.0	0.9980	0.9977	0.9961	0.9911	0.9747	0.5959	0.9954	0.9311
62.1	0.9977	0.9980	0.9964	0.9898	0.9704	0.6499	0.9965	0.9268
62.2	0.9983	0.9980	0.9965	0.9948	0.9746	0.6222	0.9967	0.9378
62.3	0.9980	0.9981	0.9965	0.9953	0.9793	0.6387	0.9959	0.9566
62.4	0.9986	0.9989	0.9976	0.9948	0.9839	0.6550	0.9967	0.9594
62.5	0.9986	0.9986	0.9975	0.9937	0.9839	0.6487	0.9956	0.9505
62.6	0.9981	0.9974	0.9969	0.9910	0.9785	0.6816	0.9944	0.9333
62.7	0.9981	0.9979	0.9963	0.9918	0.9813	0.6352	0.9938	0.9397
62.8	0.9981	0.9977	0.9954	0.9942	0.9803	0.6889	0.9945	0.9479
62.9	0.9985	0.9986	0.9960	0.9946	0.9854	0.7242	0.9960	0.9605
63.0	0.9985	0.9978	0.9957	0.9942	0.9837	0.7314	0.9944	0.9577
63.1	0.9983	0.9981	0.9963	0.9936	0.9814	0.7686	0.9951	0.9541
63.2	0.9982	0.9977	0.9956	0.9925	0.9772	0.7148	0.9947	0.9647
63.3	0.9988	0.9981	0.9964	0.9927	0.9809	0.6976	0.9950	0.9627
63.4	0.9988	0.9981	0.9966	0.9933	0.9855	0.7654	0.9949	0.9651
63.5	0.9987	0.9983	0.9956	0.9920	0.9821	0.7283	0.9955	0.9591
63.6	0.9987	0.9983	0.9945	0.9938	0.9786	0.6930	0.9953	0.9595
63.7	0.9983	0.9977	0.9945	0.9934	0.9810	0.7264	0.9951	0.9676
63.8	0.9986	0.9976	0.9951	0.9913	0.9794	0.7375	0.9954	0.9605
63.9	0.9986	0.9977	0.9943	0.9909	0.9764	0.7369	0.9952	0.9651
64.0	0.9985	0.9977	0.9946	0.9918	0.9753	0.7254	0.9961	0.9673
64.1	0.9984	0.9975	0.9939	0.9911	0.9773	0.7827	0.9964	0.9586
64.2	0.9976	0.9961	0.9935	0.9924	0.9743	0.7559	0.9957	0.9542
64.3	0.9974	0.9961	0.9919	0.9913	0.9721	0.7709	0.9942	0.9577
64.4	0.9977	0.9970	0.9933	0.9924	0.9775	0.7702	0.9949	0.9576
64.5	0.9981	0.9973	0.9936	0.9924	0.9809	0.7401	0.9962	0.9643
64.6	0.9977	0.9965	0.9924	0.9907	0.9774	0.7602	0.9956	0.9582
64.7	0.9977	0.9966	0.9918	0.9881	0.9709	0.7603	0.9952	0.9383
64.8	0.9978	0.9958	0.9923	0.9889	0.9661	0.7815	0.9943	0.9178
64.9	0.9975	0.9966	0.9928	0.9881	0.9695	0.8092	0.9953	0.9396
65.0	0.9976	0.9959	0.9915	0.9888	0.9633	0.7820	0.9951	0.9417
65.1	0.9971	0.9939	0.9915	0.9852	0.9519	0.7771	0.9935	0.9272
65.2	0.9977	0.9953	0.9928	0.9875	0.9546	0.7853	0.9952	0.9484
65.3	0.9980	0.9964	0.9917	0.9899	0.9653	0.7829	0.9953	0.9350
65.4	0.9982	0.9966	0.9925	0.9901	0.9668	0.7975	0.9957	0.9328
65.5	0.9978	0.9957	0.9910	0.9878	0.9646	0.7980	0.9947	0.9220
65.6	0.9980	0.9965	0.9899	0.9858	0.9616	0.7798	0.9964	0.9150
65.7	0.9982	0.9961	0.9903	0.9842	0.9380	0.7775	0.9960	0.9280
65.8	0.9978	0.9952	0.9900	0.9827	0.9129	0.7932	0.9943	0.9282
65.9	0.9974	0.9956	0.9896	0.9864	0.9275	0.8087	0.9945	0.9378
66.0	0.9974	0.9959	0.9898	0.9889	0.9364	0.7997	0.9956	0.9375
66.1	0.9977	0.9962	0.9914	0.9908	0.9259	0.8090	0.9967	0.9192
66.2	0.9975	0.9951	0.9885	0.9873	0.9239	0.8282	0.9946	0.9195
66.3	0.9974	0.9954	0.9892	0.9841	0.9381	0.8563	0.9949	0.9374
66.4	0.9965	0.9946	0.9880	0.9852	0.9311	0.8455	0.9938	0.9051
66.5	0.9974	0.9940	0.9926	0.9883	0.9440	0.8497	0.9937	0.9040
66.6	0.9977	0.9949	0.9910	0.9866	0.9561	0.8664	0.9942	0.9018
66.7	0.9977	0.9955	0.9900	0.9868	0.9563	0.9032	0.9944	0.9037
66.8	0.9975	0.9949	0.9878	0.9868	0.9546	0.9008	0.9935	0.8857
66.9	0.9971	0.9949	0.9892	0.9859	0.9541	0.9051	0.9944	0.8582
67.0	0.9978	0.9961	0.9900	0.9877	0.9662	0.9089	0.9949	0.8799
67.1	0.9980	0.9962	0.9910	0.9870	0.9731	0.9091	0.9962	0.8679
67.2	0.9981	0.9958	0.9895	0.9874	0.9761	0.9187	0.9959	0.7949
67.3	0.9982	0.9963	0.9907	0.9876	0.9827	0.9312	0.9960	0.7604
67.4	0.9976	0.9947	0.9910	0.9842	0.9812	0.9405	0.9943	0.7077
67.5	0.9976	0.9948	0.9888	0.9877	0.9758	0.9407	0.9932	0.7527
67.6	0.9972	0.9933	0.9881	0.9855	0.9770	0.9461	0.9915	0.7585
67.7	0.9970	0.9952	0.9922	0.9849	0.9804	0.9528	0.9944	0.8655
67.8	0.9970	0.9967	0.9942	0.9860	0.9813	0.9603	0.9961	0.9183
67.9	0.9963	0.9952	0.9929	0.9832	0.9820	0.9611	0.9938	0.9348
68.0	0.9966	0.9953	0.9939	0.9842	0.9807	0.9683	0.9941	0.9558
68.1	0.9976	0.9963	0.9933	0.9865	0.9831	0.9703	0.9947	0.9677

68.2	0.9982	0.9968	0.9938	0.9886	0.9854	0.9730	0.9955	0.9667
68.3	0.9976	0.9963	0.9941	0.9888	0.9845	0.9735	0.9957	0.9680
68.4	0.9969	0.9965	0.9937	0.9858	0.9864	0.9774	0.9947	0.9672
68.5	0.9979	0.9968	0.9928	0.9878	0.9910	0.9789	0.9955	0.9791
68.6	0.9981	0.9972	0.9943	0.9886	0.9894	0.9815	0.9959	0.9842
68.7	0.9980	0.9973	0.9953	0.9883	0.9895	0.9838	0.9958	0.9817
68.8	0.9975	0.9961	0.9942	0.9894	0.9868	0.9829	0.9940	0.9800
68.9	0.9977	0.9960	0.9941	0.9896	0.9862	0.9848	0.9938	0.9810
69.0	0.9980	0.9960	0.9942	0.9893	0.9858	0.9873	0.9927	0.9860
69.1	0.9980	0.9967	0.9959	0.9915	0.9903	0.9889	0.9947	0.9855
69.2	0.9979	0.9969	0.9959	0.9919	0.9903	0.9884	0.9950	0.9808
69.3	0.9981	0.9972	0.9966	0.9921	0.9903	0.9903	0.9948	0.9844
69.4	0.9977	0.9961	0.9959	0.9894	0.9872	0.9896	0.9927	0.9828
69.5	0.9977	0.9950	0.9951	0.9904	0.9853	0.9896	0.9891	0.9809
69.6	0.9969	0.9965	0.9947	0.9915	0.9891	0.9927	0.9915	0.9784
69.7	0.9972	0.9965	0.9957	0.9908	0.9890	0.9928	0.9914	0.9824
69.8	0.9974	0.9962	0.9953	0.9894	0.9905	0.9917	0.9917	0.9813
69.9	0.9978	0.9970	0.9964	0.9930	0.9941	0.9941	0.9933	0.9884
70.0	0.9978	0.9973	0.9967	0.9912	0.9932	0.9949	0.9926	0.9884
70.1	0.9977	0.9953	0.9960	0.9910	0.9901	0.9942	0.9900	0.9856
70.2	0.9975	0.9948	0.9957	0.9923	0.9900	0.9936	0.9858	0.9850
70.3	0.9977	0.9958	0.9956	0.9918	0.9904	0.9948	0.9866	0.9884
70.4	0.9976	0.9960	0.9971	0.9919	0.9913	0.9949	0.9889	0.9931
70.5	0.9977	0.9968	0.9966	0.9919	0.9916	0.9956	0.9903	0.9913
70.6	0.9981	0.9961	0.9968	0.9936	0.9909	0.9954	0.9881	0.9918
70.7	0.9983	0.9961	0.9967	0.9943	0.9916	0.9954	0.9878	0.9935
70.8	0.9979	0.9954	0.9969	0.9942	0.9885	0.9954	0.9854	0.9933
70.9	0.9981	0.9957	0.9969	0.9940	0.9883	0.9962	0.9837	0.9929
71.0	0.9977	0.9972	0.9966	0.9943	0.9901	0.9965	0.9871	0.9915
71.1	0.9977	0.9964	0.9958	0.9943	0.9887	0.9958	0.9860	0.9920
71.2	0.9978	0.9962	0.9963	0.9935	0.9892	0.9962	0.9824	0.9935
71.3	0.9975	0.9967	0.9965	0.9935	0.9908	0.9971	0.9834	0.9944
71.4	0.9976	0.9962	0.9959	0.9926	0.9881	0.9970	0.9807	0.9917
71.5	0.9975	0.9965	0.9961	0.9918	0.9872	0.9969	0.9823	0.9931
71.6	0.9974	0.9966	0.9971	0.9912	0.9876	0.9955	0.9847	0.9949
71.7	0.9975	0.9967	0.9979	0.9924	0.9852	0.9963	0.9815	0.9960
71.8	0.9973	0.9966	0.9967	0.9932	0.9813	0.9964	0.9769	0.9939
71.9	0.9973	0.9960	0.9970	0.9928	0.9786	0.9965	0.9743	0.9942
72.0	0.9975	0.9949	0.9970	0.9919	0.9729	0.9967	0.9740	0.9931
72.1	0.9978	0.9953	0.9965	0.9934	0.9774	0.9964	0.9781	0.9921
72.2	0.9975	0.9951	0.9967	0.9937	0.9791	0.9957	0.9779	0.9941
72.3	0.9974	0.9960	0.9971	0.9925	0.9713	0.9968	0.9795	0.9939
72.4	0.9974	0.9964	0.9974	0.9931	0.9697	0.9967	0.9766	0.9946
72.5	0.9973	0.9963	0.9972	0.9931	0.9731	0.9961	0.9790	0.9951
72.6	0.9965	0.9950	0.9958	0.9910	0.9627	0.9961	0.9749	0.9924
72.7	0.9945	0.9947	0.9943	0.9884	0.9377	0.9957	0.9643	0.9906
72.8	0.9961	0.9958	0.9959	0.9912	0.9471	0.9949	0.9727	0.9936
72.9	0.9966	0.9954	0.9963	0.9933	0.9458	0.9951	0.9776	0.9938
73.0	0.9970	0.9954	0.9962	0.9929	0.9400	0.9958	0.9777	0.9945
73.1	0.9952	0.9956	0.9959	0.9882	0.9211	0.9957	0.9685	0.9926
73.2	0.9954	0.9959	0.9970	0.9900	0.9186	0.9960	0.9667	0.9949
73.3	0.9948	0.9952	0.9959	0.9885	0.9127	0.9953	0.9650	0.9947
73.4	0.9959	0.9948	0.9960	0.9912	0.9313	0.9956	0.9759	0.9950
73.5	0.9971	0.9951	0.9962	0.9930	0.9458	0.9949	0.9821	0.9945
73.6	0.9957	0.9954	0.9945	0.9892	0.9365	0.9952	0.9738	0.9935
73.7	0.9953	0.9960	0.9949	0.9892	0.9277	0.9950	0.9646	0.9937
73.8	0.9958	0.9964	0.9962	0.9911	0.9274	0.9951	0.9683	0.9951
73.9	0.9956	0.9960	0.9951	0.9913	0.9309	0.9954	0.9718	0.9952
74.0	0.9963	0.9956	0.9957	0.9927	0.9274	0.9957	0.9732	0.9945
74.1	0.9952	0.9956	0.9948	0.9898	0.9264	0.9955	0.9678	0.9955
74.2	0.9950	0.9954	0.9947	0.9887	0.9334	0.9956	0.9662	0.9941
74.3	0.9951	0.9958	0.9954	0.9896	0.9377	0.9946	0.9705	0.9955
74.4	0.9953	0.9959	0.9958	0.9896	0.9457	0.9943	0.9715	0.9935
74.5	0.9934	0.9953	0.9954	0.9865	0.9411	0.9947	0.9655	0.9946
74.6	0.9927	0.9950	0.9918	0.9858	0.9281	0.9939	0.9567	0.9915
74.7	0.9955	0.9963	0.9922	0.9911	0.9571	0.9940	0.9730	0.9935
74.8	0.9942	0.9952	0.9926	0.9891	0.9439	0.9942	0.9637	0.9954
74.9	0.9930	0.9942	0.9904	0.9873	0.9371	0.9936	0.9520	0.9920
75.0	0.9936	0.9957	0.9891	0.9888	0.9508	0.9931	0.9557	0.9912
75.1	0.9914	0.9959	0.9884	0.9845	0.9388	0.9924	0.9442	0.9937
75.2	0.9904	0.9954	0.9852	0.9820	0.9318	0.9913	0.9366	0.9917
75.3	0.9904	0.9958	0.9858	0.9824	0.9396	0.9911	0.9378	0.9910
75.4	0.9935	0.9969	0.9902	0.9875	0.9636	0.9935	0.9607	0.9931
75.5	0.9951	0.9972	0.9926	0.9896	0.9684	0.9938	0.9668	0.9958
75.6	0.9932	0.9955	0.9879	0.9888	0.9586	0.9924	0.9556	0.9949
75.7	0.9920	0.9944	0.9882	0.9845	0.9615	0.9937	0.9467	0.9942
75.8	0.9918	0.9954	0.9863	0.9850	0.9651	0.9939	0.9495	0.9949
75.9	0.9884	0.9927	0.9746	0.9810	0.9430	0.9881	0.9105	0.9899
76.0	0.9911	0.9940	0.9794	0.9847	0.9549	0.9908	0.9280	0.9914
76.1	0.9939	0.9961	0.9840	0.9877	0.9701	0.9942	0.9472	0.9930
76.2	0.9946	0.9965	0.9838	0.9883	0.9730	0.9934	0.9469	0.9937
76.3	0.9946	0.9957	0.9861	0.9871	0.9648	0.9923	0.9363	0.9939
76.4	0.9941	0.9948	0.9874	0.9890	0.9698	0.9930	0.9398	0.9931
76.5	0.9939	0.9945	0.9812	0.9869	0.9660	0.9925	0.9241	0.9918
76.6	0.9940	0.9949	0.9803	0.9876	0.9659	0.9917	0.9174	0.9927
76.7	0.9938	0.9959	0.9840	0.9885	0.9707	0.9937	0.9249	0.9949

76.8	0.9932	0.9942	0.9741	0.9867	0.9600	0.9930	0.9093	0.9918
76.9	0.9936	0.9951	0.9769	0.9874	0.9648	0.9939	0.9070	0.9907
77.0	0.9916	0.9954	0.9784	0.9848	0.9703	0.9902	0.8932	0.9893
77.1	0.9911	0.9946	0.9786	0.9844	0.9704	0.9891	0.8703	0.9856
77.2	0.9932	0.9949	0.9842	0.9854	0.9743	0.9900	0.8832	0.9878
77.3	0.9929	0.9917	0.9798	0.9846	0.9650	0.9884	0.8527	0.9858
77.4	0.9937	0.9928	0.9815	0.9878	0.9688	0.9897	0.8372	0.9843
77.5	0.9943	0.9919	0.9768	0.9902	0.9722	0.9902	0.8384	0.9827
77.6	0.9954	0.9946	0.9793	0.9921	0.9747	0.9916	0.8282	0.9874
77.7	0.9958	0.9951	0.9782	0.9898	0.9740	0.9910	0.7998	0.9840
77.8	0.9963	0.9955	0.9775	0.9917	0.9719	0.9920	0.7649	0.9880
77.9	0.9965	0.9962	0.9824	0.9932	0.9788	0.9929	0.7768	0.9910
78.0	0.9943	0.9939	0.9754	0.9899	0.9657	0.9904	0.7444	0.9863
78.1	0.9956	0.9931	0.9810	0.9917	0.9645	0.9900	0.7656	0.9848
78.2	0.9945	0.9924	0.9776	0.9897	0.9574	0.9876	0.7676	0.9812
78.3	0.9950	0.9946	0.9826	0.9918	0.9732	0.9922	0.8314	0.9856
78.4	0.9955	0.9941	0.9787	0.9920	0.9682	0.9907	0.8411	0.9828
78.5	0.9958	0.9923	0.9773	0.9921	0.9665	0.9882	0.8676	0.9757
78.6	0.9965	0.9936	0.9777	0.9932	0.9724	0.9888	0.8923	0.9757
78.7	0.9965	0.9951	0.9800	0.9947	0.9735	0.9909	0.9060	0.9765
78.8	0.9954	0.9948	0.9831	0.9932	0.9648	0.9916	0.9014	0.9840
78.9	0.9943	0.9914	0.9822	0.9922	0.9221	0.9904	0.8758	0.9834
79.0	0.9918	0.9883	0.9642	0.9888	0.7330	0.9840	0.6719	0.9761
79.1	0.9935	0.9888	0.9721	0.9910	0.8413	0.9847	0.3475	0.9705
79.2	0.9958	0.9935	0.9797	0.9937	0.9515	0.9884	0.7430	0.9730
79.3	0.9948	0.9923	0.9722	0.9913	0.9601	0.9878	0.8517	0.9597
79.4	0.9947	0.9902	0.9713	0.9914	0.9630	0.9893	0.8858	0.9621
79.5	0.9950	0.9875	0.9611	0.9920	0.9558	0.9833	0.8729	0.9347
79.6	0.9957	0.9882	0.9607	0.9924	0.9573	0.9847	0.9027	0.9260
79.7	0.9943	0.9907	0.9576	0.9916	0.9627	0.9856	0.9187	0.9194
79.8	0.9963	0.9922	0.9628	0.9937	0.9635	0.9884	0.9248	0.9286
79.9	0.9952	0.9923	0.9610	0.9940	0.9612	0.9819	0.9438	0.9455
80.0	0.9946	0.9928	0.9556	0.9928	0.9627	0.9791	0.9491	0.9416

2.2.74 Run 7 – VT270 – Accels 9–16

Vertical shaking at 270°. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0232	0.3925	0.1392	0.2942	0.1204	0.0714	0.2683	0.3459
0.1	0.0124	0.0264	0.0135	0.0165	0.0047	0.0142	0.0288	0.0313
0.2	0.0124	0.0401	0.0032	0.0127	0.0227	0.0473	0.0329	0.0322
0.3	0.0123	0.0144	0.0228	0.0003	0.0205	0.0562	0.0328	0.0271
0.4	0.0250	0.0258	0.0393	0.0149	0.0173	0.0204	0.0052	0.0019
0.5	0.0161	0.0691	0.0541	0.0331	0.0573	0.0472	0.0086	0.0146
0.6	0.0019	0.3158	0.0282	0.0116	0.0144	0.0003	0.0040	0.0001
0.7	0.0120	0.3937	0.0550	0.0219	0.0081	0.0147	0.0044	0.0233
0.8	0.0063	0.3712	0.0092	0.0153	0.0121	0.0008	0.0300	0.0625
0.9	0.0016	0.6387	0.0220	0.0117	0.0482	0.0109	0.0181	0.0530
1.0	0.0074	0.6850	0.0376	0.0408	0.3046	0.0120	0.0064	0.1865
1.1	0.0045	0.7698	0.0483	0.0087	0.2313	0.0256	0.0011	0.2523
1.2	0.0013	0.8587	0.2427	0.0774	0.3200	0.0816	0.0748	0.4783
1.3	0.0038	0.8778	0.2162	0.0054	0.4652	0.2029	0.0022	0.5877
1.4	0.0126	0.8944	0.3974	0.0435	0.6400	0.1656	0.0530	0.6723
1.5	0.0329	0.9018	0.4211	0.0892	0.6928	0.0668	0.0901	0.7506
1.6	0.0719	0.9040	0.2631	0.0190	0.7445	0.2894	0.0465	0.7762
1.7	0.1054	0.9077	0.3647	0.0108	0.7742	0.3588	0.0092	0.8220
1.8	0.2118	0.9313	0.6583	0.3881	0.8297	0.4382	0.3219	0.8877
1.9	0.4626	0.9642	0.8513	0.5998	0.9125	0.7070	0.5756	0.9413
2.0	0.4553	0.9751	0.9089	0.5655	0.9436	0.8540	0.5653	0.9633
2.1	0.3444	0.9580	0.9154	0.3255	0.9517	0.8822	0.3342	0.9629
2.2	0.2462	0.9157	0.7944	0.1965	0.9533	0.8410	0.2056	0.9643
2.3	0.0200	0.7578	0.3975	0.0151	0.8258	0.4149	0.0236	0.8262
2.4	0.1259	0.3824	0.2829	0.1526	0.4787	0.2888	0.1300	0.4963
2.5	0.4318	0.3231	0.4951	0.4103	0.3957	0.4931	0.4241	0.4210
2.6	0.4963	0.7983	0.7533	0.4345	0.8584	0.7550	0.4569	0.8893
2.7	0.5170	0.9567	0.9436	0.3874	0.9434	0.9321	0.3920	0.9657
2.8	0.3625	0.9589	0.9468	0.3130	0.9581	0.9116	0.3136	0.9785
2.9	0.3105	0.9726	0.9284	0.2889	0.9642	0.9173	0.3463	0.9831
3.0	0.3499	0.9711	0.8661	0.3884	0.9641	0.8055	0.4697	0.9790
3.1	0.2885	0.9659	0.8057	0.3105	0.9675	0.7672	0.3248	0.9832
3.2	0.2789	0.9629	0.8137	0.2393	0.9621	0.7646	0.2485	0.9788
3.3	0.3621	0.9774	0.8370	0.1839	0.9596	0.7686	0.2044	0.9788
3.4	0.1589	0.9658	0.8111	0.1584	0.9531	0.6727	0.1302	0.9728
3.5	0.0329	0.9286	0.6034	0.0526	0.9370	0.5427	0.0301	0.9529
3.6	0.0995	0.8791	0.5348	0.0901	0.9053	0.3841	0.0371	0.9323
3.7	0.3281	0.9702	0.7123	0.3384	0.9711	0.6287	0.0792	0.9867
3.8	0.8033	0.9930	0.9087	0.6714	0.9934	0.8875	0.6657	0.9956
3.9	0.8850	0.9981	0.9774	0.7925	0.9972	0.9672	0.8696	0.9978
4.0	0.9104	0.9988	0.9871	0.8093	0.9980	0.9843	0.8792	0.9982
4.1	0.8816	0.9984	0.9818	0.6837	0.9971	0.9773	0.8527	0.9976
4.2	0.8845	0.9985	0.9742	0.7099	0.9976	0.9628	0.7814	0.9979
4.3	0.8142	0.9979	0.9588	0.6549	0.9968	0.9253	0.6439	0.9976
4.4	0.7921	0.9973	0.9339	0.6056	0.9958	0.9080	0.6487	0.9969
4.5	0.8235	0.9973	0.8816	0.6289	0.9968	0.8704	0.6808	0.9976
4.6	0.7467	0.9961	0.7977	0.6730	0.9960	0.7071	0.6935	0.9963
4.7	0.6246	0.9934	0.5452	0.4756	0.9907	0.3733	0.5260	0.9939
4.8	0.8403	0.9919	0.7686	0.7945	0.9932	0.7376	0.7949	0.9942
4.9	0.7982	0.9886	0.8306	0.7532	0.9886	0.7415	0.7435	0.9895
5.0	0.6962	0.9934	0.6020	0.5167	0.9933	0.4796	0.5120	0.9938
5.1	0.8991	0.9988	0.8109	0.7357	0.9976	0.7247	0.7963	0.9977
5.2	0.8333	0.9975	0.7937	0.6429	0.9951	0.7177	0.7294	0.9954
5.3	0.4725	0.9908	0.6205	0.2727	0.9871	0.5332	0.3432	0.9881
5.4	0.4708	0.9934	0.1960	0.0060	0.9892	0.2518	0.0631	0.9901
5.5	0.7394	0.9970	0.4408	0.2803	0.9936	0.4173	0.3476	0.9947
5.6	0.8881	0.9985	0.8516	0.5993	0.9971	0.7756	0.6411	0.9970
5.7	0.9297	0.9992	0.8816	0.8141	0.9965	0.8051	0.8424	0.9967
5.8	0.9725	0.9991	0.9015	0.9339	0.9972	0.8619	0.9472	0.9973
5.9	0.9807	0.9994	0.9541	0.9321	0.9973	0.9340	0.9554	0.9973
6.0	0.9873	0.9992	0.9782	0.9509	0.9972	0.9636	0.9693	0.9972
6.1	0.9907	0.9974	0.9772	0.9216	0.9921	0.9474	0.9609	0.9922
6.2	0.9924	0.9981	0.9782	0.9176	0.9935	0.9546	0.9722	0.9936
6.3	0.9950	0.9985	0.9832	0.9287	0.9944	0.9711	0.9801	0.9945
6.4	0.9937	0.9984	0.9794	0.8969	0.9934	0.9687	0.9753	0.9936
6.5	0.9909	0.9972	0.9677	0.8518	0.9897	0.9493	0.9663	0.9900
6.6	0.9878	0.9967	0.9543	0.8671	0.9889	0.9231	0.9657	0.9890
6.7	0.9839	0.9943	0.9499	0.9098	0.9813	0.9218	0.9647	0.9815
6.8	0.9812	0.9929	0.9595	0.9360	0.9783	0.9402	0.9720	0.9787
6.9	0.9654	0.9807	0.9409	0.9247	0.9488	0.9203	0.9530	0.9495
7.0	0.9610	0.9721	0.9304	0.7627	0.9426	0.9153	0.9577	0.9430
7.1	0.9505	0.9567	0.9105	0.6670	0.9259	0.8958	0.9372	0.9263
7.2	0.9404	0.9281	0.8900	0.8271	0.9145	0.8673	0.7990	0.9146
7.3	0.9585	0.9537	0.9432	0.8698	0.9609	0.9328	0.7750	0.9609
7.4	0.9174	0.8878	0.9397	0.8903	0.9395	0.9407	0.7957	0.9393
7.5	0.9186	0.8501	0.9390	0.9522	0.9574	0.9344	0.7823	0.9571
7.6	0.9520	0.8297	0.9635	0.9914	0.9829	0.9549	0.7914	0.9827
7.7	0.9724	0.9147	0.9531	0.9952	0.9928	0.9380	0.9647	0.9925
7.8	0.9788	0.9781	0.9641	0.9926	0.9982	0.9439	0.9604	0.9982
7.9	0.9578	0.9648	0.9562	0.9897	0.9954	0.9363	0.8902	0.9952

8.0	0.9198	0.9437	0.9560	0.9837	0.9929	0.9381	0.8548	0.9926
8.1	0.9576	0.9803	0.9699	0.9950	0.9979	0.9578	0.9698	0.9978
8.2	0.9482	0.9824	0.9651	0.9960	0.9975	0.9476	0.9805	0.9974
8.3	0.9363	0.9864	0.9577	0.9952	0.9977	0.9405	0.9811	0.9975
8.4	0.9242	0.9925	0.9609	0.9971	0.9988	0.9461	0.9873	0.9987
8.5	0.9100	0.9940	0.9656	0.9963	0.9992	0.9497	0.9891	0.9991
8.6	0.9399	0.9952	0.9702	0.9969	0.9992	0.9601	0.9923	0.9992
8.7	0.9164	0.9923	0.9770	0.9969	0.9984	0.9701	0.9893	0.9983
8.8	0.9186	0.9801	0.9711	0.9962	0.9963	0.9638	0.9906	0.9962
8.9	0.9346	0.9731	0.9752	0.9972	0.9957	0.9721	0.9929	0.9956
9.0	0.9126	0.9475	0.9466	0.9970	0.9880	0.9482	0.9904	0.9875
9.1	0.9601	0.9812	0.9609	0.9942	0.9931	0.9565	0.9916	0.9928
9.2	0.9103	0.9206	0.9408	0.9911	0.9726	0.9385	0.9908	0.9719
9.3	0.9010	0.9204	0.9180	0.9921	0.9517	0.9217	0.9886	0.9499
9.4	0.9202	0.9452	0.9188	0.9899	0.9364	0.9214	0.9856	0.9345
9.5	0.9415	0.9668	0.8998	0.9861	0.9189	0.9022	0.9881	0.9180
9.6	0.9736	0.9890	0.9416	0.9921	0.9457	0.9362	0.9947	0.9458
9.7	0.9828	0.9942	0.9535	0.9923	0.9486	0.9447	0.9946	0.9497
9.8	0.9915	0.9980	0.9572	0.9951	0.9626	0.9353	0.9968	0.9644
9.9	0.9934	0.9991	0.9614	0.9945	0.9611	0.9330	0.9973	0.9644
10.0	0.9924	0.9996	0.9683	0.9871	0.9707	0.9301	0.9971	0.9736
10.1	0.9907	0.9997	0.9701	0.9948	0.9650	0.9219	0.9978	0.9682
10.2	0.9915	0.9997	0.9658	0.9978	0.9636	0.9325	0.9983	0.9641
10.3	0.9890	0.9996	0.9524	0.9975	0.9737	0.9134	0.9977	0.9675
10.4	0.9852	0.9994	0.9448	0.9964	0.9621	0.8696	0.9960	0.9559
10.5	0.9940	0.9995	0.9701	0.9970	0.9829	0.9268	0.9967	0.9779
10.6	0.9909	0.9993	0.9725	0.9966	0.9644	0.9005	0.9967	0.9307
10.7	0.9925	0.9995	0.9760	0.9972	0.9759	0.9199	0.9974	0.9260
10.8	0.9947	0.9995	0.9722	0.9975	0.9800	0.8974	0.9971	0.9192
10.9	0.9945	0.9994	0.9696	0.9969	0.9862	0.8743	0.9965	0.9461
11.0	0.9960	0.9996	0.9786	0.9980	0.9943	0.8822	0.9977	0.9791
11.1	0.9973	0.9996	0.9793	0.9982	0.9961	0.8881	0.9979	0.9848
11.2	0.9959	0.9993	0.9697	0.9974	0.9942	0.8133	0.9974	0.9800
11.3	0.9966	0.9992	0.9683	0.9980	0.9966	0.7715	0.9977	0.9890
11.4	0.9974	0.9994	0.9742	0.9983	0.9969	0.7966	0.9982	0.9913
11.5	0.9981	0.9994	0.9789	0.9981	0.9979	0.7995	0.9978	0.9940
11.6	0.9976	0.9992	0.9751	0.9971	0.9975	0.7029	0.9971	0.9938
11.7	0.9978	0.9992	0.9738	0.9974	0.9977	0.6504	0.9969	0.9941
11.8	0.9972	0.9991	0.9694	0.9973	0.9980	0.6092	0.9968	0.9943
11.9	0.9978	0.9991	0.9781	0.9971	0.9981	0.6720	0.9968	0.9932
12.0	0.9979	0.9991	0.9818	0.9968	0.9978	0.8064	0.9965	0.9929
12.1	0.9981	0.9990	0.9826	0.9963	0.9984	0.8349	0.9962	0.9943
12.2	0.9983	0.9991	0.9862	0.9964	0.9985	0.8895	0.9963	0.9946
12.3	0.9984	0.9990	0.9813	0.9960	0.9985	0.9089	0.9957	0.9931
12.4	0.9976	0.9989	0.9766	0.9956	0.9986	0.9439	0.9956	0.9910
12.5	0.9975	0.9993	0.9840	0.9972	0.9988	0.9594	0.9970	0.9931
12.6	0.9958	0.9991	0.9832	0.9970	0.9984	0.9668	0.9968	0.9915
12.7	0.9930	0.9990	0.9806	0.9942	0.9984	0.9600	0.9942	0.9905
12.8	0.9905	0.9986	0.9725	0.9939	0.9978	0.9661	0.9935	0.9903
12.9	0.9911	0.9990	0.9652	0.9911	0.9978	0.9547	0.9912	0.9880
13.0	0.9942	0.9990	0.9708	0.9915	0.9982	0.9623	0.9918	0.9913
13.1	0.9968	0.9991	0.9674	0.9921	0.9985	0.9669	0.9924	0.9919
13.2	0.9965	0.9983	0.9504	0.9890	0.9977	0.9402	0.9895	0.9878
13.3	0.9974	0.9985	0.9411	0.9897	0.9981	0.9146	0.9903	0.9920
13.4	0.9986	0.9991	0.9285	0.9936	0.9986	0.8961	0.9942	0.9930
13.5	0.9979	0.9981	0.8892	0.9878	0.9976	0.8291	0.9885	0.9872
13.6	0.9977	0.9975	0.7645	0.9878	0.9976	0.7214	0.9890	0.9796
13.7	0.9974	0.9977	0.5925	0.9915	0.9982	0.7609	0.9920	0.9762
13.8	0.9980	0.9983	0.4216	0.9949	0.9984	0.7277	0.9949	0.9728
13.9	0.9980	0.9983	0.4317	0.9944	0.9979	0.6765	0.9943	0.9576
14.0	0.9970	0.9974	0.3983	0.9936	0.9973	0.6784	0.9936	0.9280
14.1	0.9976	0.9972	0.4517	0.9939	0.9972	0.7626	0.9938	0.9108
14.2	0.9971	0.9966	0.4835	0.9937	0.9971	0.7821	0.9936	0.8926
14.3	0.9963	0.9962	0.4952	0.9939	0.9966	0.7906	0.9936	0.9267
14.4	0.9963	0.9960	0.5660	0.9944	0.9958	0.8761	0.9943	0.9421
14.5	0.9953	0.9959	0.6340	0.9939	0.9950	0.8990	0.9940	0.9542
14.6	0.9935	0.9950	0.5234	0.9923	0.9929	0.8901	0.9923	0.9516
14.7	0.9924	0.9945	0.5338	0.9916	0.9903	0.9207	0.9915	0.9709
14.8	0.9943	0.9960	0.2171	0.9942	0.9936	0.9486	0.9944	0.9725
14.9	0.9949	0.9968	0.2307	0.9956	0.9934	0.9477	0.9957	0.9784
15.0	0.9941	0.9958	0.7333	0.9953	0.9945	0.9576	0.9953	0.9828
15.1	0.9915	0.9938	0.8173	0.9952	0.9933	0.9530	0.9952	0.9797
15.2	0.9897	0.9928	0.8592	0.9959	0.9929	0.9511	0.9959	0.9741
15.3	0.9875	0.9900	0.9313	0.9911	0.9892	0.9697	0.9910	0.9764
15.4	0.9859	0.9877	0.9567	0.9865	0.9871	0.9709	0.9865	0.9734
15.5	0.9699	0.9706	0.9467	0.9687	0.9730	0.9688	0.9684	0.9536
15.6	0.9763	0.9775	0.9625	0.9760	0.9775	0.9670	0.9757	0.9693
15.7	0.9593	0.9608	0.9467	0.9605	0.9617	0.9730	0.9602	0.9531
15.8	0.9527	0.9564	0.9429	0.9573	0.9599	0.9547	0.9570	0.9477
15.9	0.9661	0.9683	0.9547	0.9709	0.9699	0.9672	0.9707	0.9657
16.0	0.9693	0.9709	0.9655	0.9746	0.9715	0.9668	0.9743	0.9732
16.1	0.9823	0.9828	0.9767	0.9856	0.9839	0.9727	0.9855	0.9844
16.2	0.9885	0.9902	0.9864	0.9916	0.9896	0.9746	0.9915	0.9909
16.3	0.9876	0.9893	0.9802	0.9913	0.9884	0.9288	0.9913	0.9883
16.4	0.9888	0.9908	0.9736	0.9915	0.9902	0.7553	0.9915	0.9852
16.5	0.9940	0.9948	0.9691	0.9959	0.9921	0.0862	0.9959	0.9887

16.6	0.9961	0.9957	0.9617	0.9974	0.9904	0.4524	0.9975	0.9845
16.7	0.9941	0.9923	0.9359	0.9974	0.9827	0.7306	0.9975	0.9745
16.8	0.9951	0.9840	0.9277	0.9962	0.9710	0.8642	0.9961	0.9564
16.9	0.9945	0.9724	0.9161	0.9948	0.9599	0.9085	0.9948	0.9673
17.0	0.9919	0.9787	0.9248	0.9976	0.9559	0.9377	0.9976	0.9745
17.1	0.9878	0.9732	0.9063	0.9962	0.9284	0.9329	0.9962	0.9666
17.2	0.9960	0.9572	0.8837	0.9962	0.8697	0.9364	0.9961	0.9682
17.3	0.9944	0.9703	0.9086	0.9987	0.8691	0.9641	0.9986	0.9832
17.4	0.9949	0.9930	0.9611	0.9995	0.9463	0.9883	0.9995	0.9939
17.5	0.9974	0.9963	0.9627	0.9992	0.8842	0.9884	0.9992	0.9934
17.6	0.9972	0.9950	0.9539	0.9990	0.7586	0.9858	0.9989	0.9916
17.7	0.9952	0.9961	0.9525	0.9995	0.8533	0.9890	0.9994	0.9945
17.8	0.9942	0.9980	0.9571	0.9996	0.9173	0.9927	0.9996	0.9961
17.9	0.9932	0.9984	0.9612	0.9996	0.9274	0.9939	0.9996	0.9966
18.0	0.9917	0.9985	0.9426	0.9995	0.9202	0.9921	0.9995	0.9954
18.1	0.9912	0.9988	0.9212	0.9995	0.9318	0.9907	0.9995	0.9945
18.2	0.9823	0.9986	0.8506	0.9992	0.9502	0.9867	0.9992	0.9893
18.3	0.9785	0.9985	0.6883	0.9994	0.9612	0.9863	0.9994	0.9883
18.4	0.9862	0.9981	0.0836	0.9995	0.9563	0.9757	0.9996	0.9772
18.5	0.9860	0.9951	0.3597	0.9994	0.8635	0.9154	0.9994	0.9025
18.6	0.9792	0.9932	0.6900	0.9992	0.7704	0.9260	0.9991	0.9137
18.7	0.9521	0.9965	0.8582	0.9991	0.6986	0.9699	0.9990	0.9658
18.8	0.9590	0.9988	0.9658	0.9995	0.7409	0.9952	0.9995	0.9942
18.9	0.9714	0.9991	0.9801	0.9995	0.6319	0.9978	0.9995	0.9976
19.0	0.9279	0.9984	0.9625	0.9990	0.2482	0.9963	0.9990	0.9969
19.1	0.9512	0.9988	0.9720	0.9992	0.5894	0.9975	0.9992	0.9983
19.2	0.9624	0.9991	0.9742	0.9992	0.7392	0.9977	0.9992	0.9984
19.3	0.9678	0.9993	0.9730	0.9992	0.8863	0.9980	0.9992	0.9987
19.4	0.9692	0.9994	0.9736	0.9992	0.9119	0.9979	0.9991	0.9986
19.5	0.9704	0.9992	0.9668	0.9990	0.9243	0.9979	0.9990	0.9981
19.6	0.9797	0.9992	0.9707	0.9987	0.9469	0.9980	0.9987	0.9980
19.7	0.9791	0.9992	0.9720	0.9985	0.9595	0.9973	0.9985	0.9979
19.8	0.9807	0.9993	0.9539	0.9985	0.9699	0.9968	0.9986	0.9975
19.9	0.9848	0.9993	0.9526	0.9983	0.9790	0.9977	0.9983	0.9975
20.0	0.9838	0.9992	0.9388	0.9980	0.9774	0.9975	0.9981	0.9975
20.1	0.9853	0.9993	0.9388	0.9974	0.9788	0.9962	0.9975	0.9965
20.2	0.9831	0.9995	0.9406	0.9967	0.9849	0.9962	0.9967	0.9968
20.3	0.9857	0.9993	0.9359	0.9962	0.9879	0.9960	0.9962	0.9971
20.4	0.9823	0.9992	0.9337	0.9952	0.9861	0.9951	0.9951	0.9962
20.5	0.9847	0.9994	0.9556	0.9949	0.9895	0.9957	0.9948	0.9965
20.6	0.9873	0.9994	0.9657	0.9952	0.9885	0.9955	0.9951	0.9959
20.7	0.9862	0.9994	0.9594	0.9941	0.9880	0.9953	0.9940	0.9963
20.8	0.9881	0.9993	0.9670	0.9938	0.9907	0.9942	0.9938	0.9965
20.9	0.9895	0.9992	0.9732	0.9942	0.9927	0.9927	0.9942	0.9952
21.0	0.9881	0.9994	0.9765	0.9928	0.9901	0.9917	0.9929	0.9939
21.1	0.9841	0.9993	0.9753	0.9897	0.9870	0.9879	0.9897	0.9924
21.2	0.9880	0.9991	0.9752	0.9909	0.9881	0.9858	0.9909	0.9911
21.3	0.9889	0.9994	0.9796	0.9913	0.9897	0.9868	0.9914	0.9907
21.4	0.9855	0.9991	0.9810	0.9893	0.9879	0.9845	0.9893	0.9914
21.5	0.9878	0.9992	0.9787	0.9904	0.9853	0.9889	0.9904	0.9929
21.6	0.9889	0.9992	0.9791	0.9908	0.9854	0.9872	0.9908	0.9911
21.7	0.9851	0.9989	0.9785	0.9890	0.9816	0.9871	0.9889	0.9911
21.8	0.9862	0.9989	0.9776	0.9895	0.9788	0.9858	0.9894	0.9905
21.9	0.9877	0.9988	0.9715	0.9900	0.9818	0.9825	0.9899	0.9883
22.0	0.9895	0.9990	0.9748	0.9924	0.9822	0.9882	0.9924	0.9919
22.1	0.9901	0.9990	0.9746	0.9934	0.9806	0.9911	0.9934	0.9934
22.2	0.9898	0.9990	0.9832	0.9921	0.9851	0.9909	0.9921	0.9943
22.3	0.9856	0.9983	0.9854	0.9883	0.9860	0.9883	0.9883	0.9934
22.4	0.9868	0.9984	0.9851	0.9881	0.9841	0.9898	0.9881	0.9941
22.5	0.9845	0.9981	0.9852	0.9851	0.9826	0.9867	0.9852	0.9920
22.6	0.9834	0.9971	0.9830	0.9828	0.9801	0.9825	0.9828	0.9909
22.7	0.9910	0.9984	0.9918	0.9902	0.9901	0.9887	0.9901	0.9926
22.8	0.9867	0.9979	0.9893	0.9845	0.9862	0.9810	0.9845	0.9884
22.9	0.9889	0.9983	0.9913	0.9850	0.9879	0.9741	0.9850	0.9812
23.0	0.9916	0.9986	0.9874	0.9881	0.9870	0.9731	0.9881	0.9739
23.1	0.9900	0.9983	0.9850	0.9853	0.9812	0.9730	0.9853	0.9797
23.2	0.9948	0.9992	0.9915	0.9917	0.9879	0.9788	0.9917	0.9836
23.3	0.9957	0.9992	0.9933	0.9930	0.9908	0.9758	0.9930	0.9835
23.4	0.9937	0.9989	0.9900	0.9888	0.9819	0.9511	0.9887	0.9809
23.5	0.9948	0.9990	0.9891	0.9895	0.9827	0.9396	0.9894	0.9823
23.6	0.9975	0.9994	0.9919	0.9949	0.9852	0.9505	0.9949	0.9896
23.7	0.9974	0.9995	0.9917	0.9942	0.9836	0.9451	0.9942	0.9916
23.8	0.9983	0.9996	0.9944	0.9961	0.9880	0.9494	0.9961	0.9936
23.9	0.9978	0.9994	0.9931	0.9950	0.9836	0.9510	0.9949	0.9941
24.0	0.9978	0.9993	0.9900	0.9943	0.9682	0.9296	0.9942	0.9923
24.1	0.9975	0.9995	0.9896	0.9937	0.9671	0.9003	0.9935	0.9909
24.2	0.9984	0.9996	0.9914	0.9960	0.9705	0.9422	0.9959	0.9953
24.3	0.9986	0.9996	0.9945	0.9961	0.9730	0.9616	0.9960	0.9967
24.4	0.9983	0.9994	0.9915	0.9947	0.9663	0.9494	0.9946	0.9951
24.5	0.9985	0.9994	0.9914	0.9955	0.9662	0.9531	0.9954	0.9951
24.6	0.9982	0.9994	0.9912	0.9938	0.9620	0.9476	0.9935	0.9947
24.7	0.9989	0.9995	0.9945	0.9962	0.9772	0.9779	0.9960	0.9972
24.8	0.9985	0.9994	0.9941	0.9952	0.9777	0.9828	0.9949	0.9967
24.9	0.9982	0.9994	0.9949	0.9953	0.9793	0.9875	0.9950	0.9971
25.0	0.9986	0.9995	0.9960	0.9958	0.9821	0.9899	0.9955	0.9978
25.1	0.9988	0.9996	0.9956	0.9969	0.9743	0.9926	0.9968	0.9986

25.2	0.9985	0.9995	0.9942	0.9955	0.9630	0.9901	0.9951	0.9979
25.3	0.9984	0.9994	0.9946	0.9952	0.9404	0.9924	0.9946	0.9984
25.4	0.9987	0.9994	0.9958	0.9965	0.9553	0.9930	0.9963	0.9987
25.5	0.9984	0.9994	0.9951	0.9966	0.9469	0.9919	0.9964	0.9984
25.6	0.9978	0.9991	0.9939	0.9952	0.9485	0.9910	0.9946	0.9980
25.7	0.9976	0.9991	0.9934	0.9946	0.9427	0.9911	0.9940	0.9974
25.8	0.9974	0.9993	0.9954	0.9957	0.9610	0.9952	0.9957	0.9986
25.9	0.9962	0.9993	0.9965	0.9936	0.9734	0.9963	0.9932	0.9991
26.0	0.9972	0.9993	0.9949	0.9952	0.9797	0.9944	0.9946	0.9986
26.1	0.9961	0.9993	0.9940	0.9933	0.9788	0.9926	0.9920	0.9984
26.2	0.9948	0.9993	0.9955	0.9937	0.9791	0.9949	0.9927	0.9986
26.3	0.9942	0.9993	0.9965	0.9945	0.9835	0.9955	0.9940	0.9988
26.4	0.9930	0.9994	0.9969	0.9931	0.9861	0.9973	0.9926	0.9992
26.5	0.9909	0.9992	0.9962	0.9934	0.9882	0.9966	0.9928	0.9992
26.6	0.9916	0.9993	0.9969	0.9956	0.9908	0.9968	0.9956	0.9994
26.7	0.9915	0.9995	0.9975	0.9969	0.9946	0.9972	0.9968	0.9994
26.8	0.9902	0.9994	0.9970	0.9953	0.9953	0.9966	0.9947	0.9991
26.9	0.9859	0.9991	0.9977	0.9911	0.9963	0.9975	0.9895	0.9985
27.0	0.9851	0.9990	0.9977	0.9894	0.9960	0.9979	0.9881	0.9982
27.1	0.9863	0.9992	0.9970	0.9893	0.9944	0.9969	0.9878	0.9987
27.2	0.9880	0.9989	0.9968	0.9901	0.9921	0.9963	0.9888	0.9985
27.3	0.9855	0.9984	0.9948	0.9877	0.9896	0.9940	0.9867	0.9979
27.4	0.9923	0.9989	0.9969	0.9905	0.9935	0.9954	0.9899	0.9980
27.5	0.9931	0.9988	0.9960	0.9925	0.9925	0.9953	0.9921	0.9981
27.6	0.9922	0.9984	0.9958	0.9905	0.9928	0.9952	0.9900	0.9967
27.7	0.9919	0.9984	0.9949	0.9912	0.9919	0.9944	0.9903	0.9970
27.8	0.9945	0.9988	0.9945	0.9939	0.9926	0.9949	0.9933	0.9974
27.9	0.9957	0.9987	0.9962	0.9939	0.9926	0.9954	0.9933	0.9972
28.0	0.9972	0.9992	0.9967	0.9955	0.9945	0.9963	0.9951	0.9980
28.1	0.9969	0.9992	0.9949	0.9953	0.9922	0.9957	0.9950	0.9977
28.2	0.9968	0.9993	0.9965	0.9954	0.9944	0.9975	0.9947	0.9971
28.3	0.9968	0.9992	0.9967	0.9956	0.9956	0.9972	0.9951	0.9958
28.4	0.9983	0.9993	0.9973	0.9963	0.9969	0.9975	0.9958	0.9956
28.5	0.9985	0.9993	0.9962	0.9965	0.9957	0.9959	0.9961	0.9953
28.6	0.9980	0.9993	0.9931	0.9950	0.9930	0.9940	0.9944	0.9945
28.7	0.9984	0.9995	0.9953	0.9957	0.9947	0.9959	0.9949	0.9959
28.8	0.9986	0.9995	0.9961	0.9962	0.9952	0.9965	0.9956	0.9965
28.9	0.9987	0.9995	0.9961	0.9969	0.9954	0.9964	0.9964	0.9962
29.0	0.9984	0.9995	0.9933	0.9960	0.9932	0.9946	0.9955	0.9948
29.1	0.9986	0.9995	0.9940	0.9968	0.9938	0.9955	0.9964	0.9952
29.2	0.9988	0.9996	0.9947	0.9968	0.9942	0.9963	0.9969	0.9959
29.3	0.9987	0.9997	0.9951	0.9971	0.9947	0.9964	0.9972	0.9967
29.4	0.9984	0.9995	0.9943	0.9961	0.9925	0.9962	0.9961	0.9974
29.5	0.9979	0.9995	0.9927	0.9951	0.9906	0.9949	0.9954	0.9966
29.6	0.9985	0.9995	0.9940	0.9955	0.9925	0.9963	0.9955	0.9969
29.7	0.9984	0.9994	0.9932	0.9936	0.9918	0.9953	0.9931	0.9960
29.8	0.9986	0.9995	0.9941	0.9929	0.9940	0.9950	0.9922	0.9959
29.9	0.9975	0.9992	0.9895	0.9896	0.9861	0.9926	0.9886	0.9937
30.0	0.9974	0.9994	0.9877	0.9872	0.9830	0.9921	0.9863	0.9933
30.1	0.9982	0.9993	0.9900	0.9849	0.9874	0.9934	0.9844	0.9955
30.2	0.9981	0.9991	0.9831	0.9840	0.9788	0.9910	0.9836	0.9931
30.3	0.9973	0.9993	0.9838	0.9879	0.9755	0.9908	0.9881	0.9929
30.4	0.9978	0.9996	0.9883	0.9898	0.9803	0.9942	0.9901	0.9960
30.5	0.9982	0.9995	0.9847	0.9876	0.9748	0.9937	0.9881	0.9965
30.6	0.9981	0.9993	0.9752	0.9846	0.9583	0.9913	0.9861	0.9949
30.7	0.9980	0.9992	0.9692	0.9789	0.9451	0.9907	0.9818	0.9940
30.8	0.9979	0.9994	0.9662	0.9796	0.9354	0.9891	0.9825	0.9937
30.9	0.9974	0.9993	0.9608	0.9817	0.9127	0.9886	0.9841	0.9940
31.0	0.9968	0.9992	0.9529	0.9729	0.8982	0.9890	0.9768	0.9937
31.1	0.9975	0.9991	0.9272	0.9496	0.8677	0.9884	0.9574	0.9935
31.2	0.9971	0.9991	0.9129	0.9488	0.8224	0.9898	0.9572	0.9947
31.3	0.9971	0.9993	0.9037	0.9687	0.7499	0.9912	0.9737	0.9958
31.4	0.9952	0.9992	0.8605	0.9624	0.6683	0.9890	0.9663	0.9952
31.5	0.9961	0.9993	0.7922	0.9591	0.5065	0.9910	0.9652	0.9953
31.6	0.9966	0.9993	0.7208	0.9655	0.2911	0.9913	0.9692	0.9960
31.7	0.9956	0.9992	0.6577	0.9607	0.2088	0.9884	0.9635	0.9961
31.8	0.9954	0.9992	0.5275	0.9718	0.1783	0.9887	0.9743	0.9953
31.9	0.9935	0.9987	0.1514	0.9584	0.2644	0.9850	0.9616	0.9957
32.0	0.9947	0.9988	0.3603	0.9605	0.6046	0.9807	0.9619	0.9958
32.1	0.9935	0.9989	0.4466	0.9480	0.7527	0.9838	0.9499	0.9949
32.2	0.9910	0.9987	0.5737	0.9474	0.7209	0.9791	0.9489	0.9938
32.3	0.9943	0.9987	0.7321	0.9584	0.8324	0.9768	0.9598	0.9957
32.4	0.9946	0.9991	0.8235	0.9672	0.9015	0.9795	0.9679	0.9964
32.5	0.9923	0.9990	0.8524	0.9653	0.9261	0.9747	0.9648	0.9954
32.6	0.9947	0.9990	0.8435	0.9617	0.9360	0.9738	0.9613	0.9972
32.7	0.9927	0.9989	0.8814	0.9659	0.9329	0.9682	0.9651	0.9960
32.8	0.9900	0.9985	0.8979	0.9664	0.9391	0.9533	0.9653	0.9923
32.9	0.9934	0.9990	0.9377	0.9777	0.9690	0.9611	0.9765	0.9939
33.0	0.9954	0.9992	0.9590	0.9792	0.9787	0.9644	0.9776	0.9965
33.1	0.9935	0.9989	0.9627	0.9758	0.9796	0.9566	0.9736	0.9959
33.2	0.9945	0.9991	0.9747	0.9771	0.9857	0.9716	0.9750	0.9968
33.3	0.9926	0.9988	0.9798	0.9750	0.9856	0.9683	0.9727	0.9965
33.4	0.9951	0.9992	0.9848	0.9790	0.9892	0.9765	0.9773	0.9960
33.5	0.9939	0.9992	0.9807	0.9756	0.9867	0.9820	0.9731	0.9948
33.6	0.9923	0.9989	0.9724	0.9726	0.9772	0.9721	0.9688	0.9928
33.7	0.9940	0.9992	0.9771	0.9712	0.9820	0.9828	0.9681	0.9945

33.8	0.9953	0.9991	0.9785	0.9713	0.9830	0.9854	0.9669	0.9952
33.9	0.9962	0.9992	0.9787	0.9704	0.9830	0.9880	0.9639	0.9950
34.0	0.9964	0.9993	0.9802	0.9658	0.9870	0.9892	0.9575	0.9949
34.1	0.9966	0.9993	0.9817	0.9734	0.9894	0.9899	0.9676	0.9945
34.2	0.9956	0.9990	0.9821	0.9798	0.9849	0.9884	0.9757	0.9948
34.3	0.9922	0.9986	0.9810	0.9792	0.9801	0.9888	0.9746	0.9954
34.4	0.9944	0.9990	0.9857	0.9808	0.9862	0.9906	0.9776	0.9939
34.5	0.9948	0.9990	0.9843	0.9767	0.9873	0.9896	0.9729	0.9926
34.6	0.9956	0.9993	0.9872	0.9822	0.9893	0.9904	0.9787	0.9925
34.7	0.9933	0.9991	0.9896	0.9813	0.9898	0.9908	0.9758	0.9925
34.8	0.9961	0.9992	0.9920	0.9839	0.9928	0.9922	0.9785	0.9937
34.9	0.9969	0.9993	0.9948	0.9870	0.9945	0.9947	0.9822	0.9947
35.0	0.9975	0.9994	0.9957	0.9896	0.9954	0.9951	0.9852	0.9952
35.1	0.9954	0.9991	0.9926	0.9770	0.9911	0.9913	0.9656	0.9912
35.2	0.9963	0.9991	0.9916	0.9739	0.9929	0.9908	0.9589	0.9901
35.3	0.9960	0.9991	0.9905	0.9715	0.9903	0.9911	0.9563	0.9914
35.4	0.9970	0.9991	0.9881	0.9713	0.9880	0.9911	0.9561	0.9930
35.5	0.9970	0.9991	0.9874	0.9674	0.9848	0.9893	0.9525	0.9910
35.6	0.9972	0.9990	0.9862	0.9718	0.9824	0.9881	0.9597	0.9903
35.7	0.9978	0.9994	0.9874	0.9705	0.9832	0.9900	0.9626	0.9913
35.8	0.9984	0.9994	0.9878	0.9791	0.9836	0.9928	0.9762	0.9938
35.9	0.9976	0.9990	0.9822	0.9711	0.9772	0.9879	0.9679	0.9897
36.0	0.9975	0.9993	0.9909	0.9863	0.9909	0.9942	0.9837	0.9951
36.1	0.9975	0.9993	0.9907	0.9884	0.9897	0.9948	0.9864	0.9959
36.2	0.9971	0.9991	0.9911	0.9894	0.9907	0.9946	0.9885	0.9955
36.3	0.9958	0.9991	0.9924	0.9902	0.9924	0.9947	0.9896	0.9960
36.4	0.9955	0.9990	0.9939	0.9884	0.9933	0.9945	0.9867	0.9956
36.5	0.9962	0.9991	0.9931	0.9912	0.9926	0.9944	0.9898	0.9961
36.6	0.9967	0.9993	0.9943	0.9936	0.9945	0.9958	0.9925	0.9971
36.7	0.9978	0.9993	0.9962	0.9950	0.9958	0.9964	0.9940	0.9973
36.8	0.9969	0.9991	0.9959	0.9951	0.9951	0.9964	0.9949	0.9962
36.9	0.9976	0.9992	0.9948	0.9944	0.9945	0.9955	0.9938	0.9964
37.0	0.9968	0.9991	0.9943	0.9931	0.9948	0.9953	0.9930	0.9969
37.1	0.9966	0.9991	0.9952	0.9929	0.9949	0.9956	0.9928	0.9963
37.2	0.9967	0.9992	0.9961	0.9943	0.9955	0.9965	0.9938	0.9971
37.3	0.9963	0.9991	0.9951	0.9928	0.9951	0.9955	0.9920	0.9966
37.4	0.9964	0.9991	0.9957	0.9926	0.9954	0.9957	0.9924	0.9967
37.5	0.9960	0.9993	0.9949	0.9907	0.9955	0.9948	0.9909	0.9964
37.6	0.9963	0.9994	0.9955	0.9909	0.9963	0.9955	0.9889	0.9968
37.7	0.9965	0.9992	0.9958	0.9916	0.9952	0.9955	0.9894	0.9967
37.8	0.9947	0.9993	0.9951	0.9889	0.9934	0.9941	0.9863	0.9957
37.9	0.9947	0.9992	0.9936	0.9858	0.9926	0.9929	0.9827	0.9950
38.0	0.9948	0.9991	0.9959	0.9868	0.9901	0.9957	0.9835	0.9955
38.1	0.9947	0.9991	0.9945	0.9834	0.9880	0.9943	0.9792	0.9960
38.2	0.9951	0.9992	0.9961	0.9822	0.9903	0.9952	0.9770	0.9964
38.3	0.9941	0.9992	0.9962	0.9795	0.9870	0.9953	0.9717	0.9949
38.4	0.9939	0.9989	0.9963	0.9720	0.9898	0.9954	0.9601	0.9956
38.5	0.9949	0.9989	0.9957	0.9733	0.9820	0.9949	0.9636	0.9952
38.6	0.9950	0.9993	0.9959	0.9723	0.9793	0.9961	0.9582	0.9958
38.7	0.9925	0.9990	0.9937	0.9580	0.9525	0.9941	0.9340	0.9936
38.8	0.9919	0.9989	0.9928	0.9526	0.9203	0.9938	0.9313	0.9951
38.9	0.9935	0.9988	0.9950	0.9682	0.8946	0.9959	0.9518	0.9947
39.0	0.9947	0.9988	0.9951	0.9582	0.8021	0.9958	0.9436	0.9954
39.1	0.9948	0.9990	0.9940	0.9572	0.6631	0.9955	0.9510	0.9958
39.2	0.9935	0.9989	0.9944	0.9590	0.6730	0.9965	0.9540	0.9951
39.3	0.9939	0.9990	0.9953	0.9690	0.7983	0.9966	0.9622	0.9947
39.4	0.9930	0.9991	0.9928	0.9728	0.8779	0.9959	0.9737	0.9949
39.5	0.9945	0.9988	0.9932	0.9784	0.9295	0.9959	0.9765	0.9964
39.6	0.9923	0.9986	0.9913	0.9687	0.9335	0.9950	0.9693	0.9951
39.7	0.9901	0.9988	0.9928	0.9369	0.9295	0.9960	0.9434	0.9950
39.8	0.9933	0.9991	0.9928	0.9642	0.9330	0.9966	0.9690	0.9953
39.9	0.9918	0.9989	0.9911	0.9689	0.9191	0.9966	0.9727	0.9945
40.0	0.9920	0.9987	0.9900	0.9785	0.9336	0.9953	0.9773	0.9953
40.1	0.9922	0.9987	0.9901	0.9807	0.9396	0.9953	0.9802	0.9949
40.2	0.9939	0.9991	0.9911	0.9851	0.9531	0.9961	0.9867	0.9961
40.3	0.9933	0.9991	0.9910	0.9841	0.9534	0.9963	0.9829	0.9952
40.4	0.9937	0.9991	0.9903	0.9821	0.9554	0.9966	0.9789	0.9952
40.5	0.9916	0.9990	0.9896	0.9804	0.9391	0.9967	0.9786	0.9941
40.6	0.9904	0.9987	0.9860	0.9803	0.9259	0.9953	0.9756	0.9908
40.7	0.9902	0.9987	0.9859	0.9796	0.9195	0.9958	0.9730	0.9915
40.8	0.9875	0.9984	0.9825	0.9754	0.9145	0.9960	0.9729	0.9901
40.9	0.9891	0.9989	0.9832	0.9806	0.9291	0.9961	0.9776	0.9914
41.0	0.9911	0.9991	0.9818	0.9826	0.9173	0.9960	0.9776	0.9922
41.1	0.9871	0.9989	0.9808	0.9809	0.9015	0.9967	0.9772	0.9887
41.2	0.9890	0.9992	0.9777	0.9770	0.9026	0.9973	0.9714	0.9880
41.3	0.9886	0.9990	0.9774	0.9746	0.9132	0.9958	0.9688	0.9865
41.4	0.9899	0.9992	0.9773	0.9732	0.8936	0.9956	0.9663	0.9858
41.5	0.9857	0.9989	0.9696	0.9623	0.8829	0.9950	0.9510	0.9810
41.6	0.9778	0.9983	0.9546	0.9470	0.8625	0.9939	0.9329	0.9658
41.7	0.9795	0.9985	0.9593	0.9503	0.8507	0.9950	0.9425	0.9610
41.8	0.9810	0.9986	0.9566	0.9610	0.8579	0.9939	0.9572	0.9650
41.9	0.9819	0.9989	0.9679	0.9652	0.8974	0.9954	0.9587	0.9754
42.0	0.9727	0.9989	0.9632	0.9427	0.9002	0.9955	0.9324	0.9678
42.1	0.9561	0.9988	0.9409	0.9158	0.8580	0.9934	0.9063	0.9503
42.2	0.9543	0.9991	0.9490	0.9250	0.8965	0.9948	0.9143	0.9539
42.3	0.9514	0.9991	0.9435	0.9155	0.9050	0.9941	0.9089	0.9443

42.4	0.9467	0.9992	0.9354	0.8852	0.8926	0.9952	0.8729	0.9544
42.5	0.9380	0.9989	0.9361	0.8523	0.8751	0.9953	0.8206	0.9516
42.6	0.9395	0.9989	0.9435	0.8439	0.8873	0.9947	0.8059	0.9677
42.7	0.9379	0.9989	0.9325	0.8193	0.8784	0.9944	0.7759	0.9609
42.8	0.9300	0.9989	0.9111	0.8003	0.8483	0.9944	0.7584	0.9443
42.9	0.9059	0.9985	0.8845	0.6670	0.8435	0.9904	0.6000	0.9147
43.0	0.9115	0.9988	0.8895	0.6030	0.8766	0.9912	0.5308	0.9284
43.1	0.9159	0.9991	0.8936	0.6584	0.8848	0.9914	0.5870	0.9396
43.2	0.9487	0.9992	0.9201	0.7451	0.9043	0.9953	0.6777	0.9597
43.3	0.9518	0.9992	0.9303	0.7995	0.9106	0.9953	0.7500	0.9489
43.4	0.9655	0.9991	0.9480	0.8221	0.9282	0.9944	0.7835	0.9163
43.5	0.9685	0.9990	0.9550	0.7915	0.9386	0.9930	0.7336	0.8959
43.6	0.9516	0.9988	0.9248	0.6793	0.9165	0.9885	0.5744	0.8805
43.7	0.9493	0.9987	0.8932	0.5378	0.8938	0.9933	0.3872	0.9101
43.8	0.9614	0.9986	0.8658	0.4376	0.9019	0.9934	0.3136	0.9043
43.9	0.9799	0.9991	0.8591	0.5599	0.9511	0.9945	0.4847	0.9311
44.0	0.9843	0.9988	0.8444	0.7304	0.9458	0.9920	0.6652	0.9305
44.1	0.9738	0.9989	0.8578	0.7480	0.9069	0.9848	0.6596	0.8387
44.2	0.9770	0.9991	0.8896	0.7562	0.9211	0.9836	0.6489	0.8139
44.3	0.9837	0.9989	0.8532	0.5685	0.9291	0.9744	0.3897	0.8538
44.4	0.9863	0.9992	0.9051	0.5501	0.9473	0.9794	0.3459	0.9290
44.5	0.9814	0.9992	0.9005	0.5677	0.8991	0.9857	0.3685	0.9405
44.6	0.9781	0.9991	0.8918	0.4628	0.9075	0.9881	0.2309	0.9256
44.7	0.9730	0.9990	0.9100	0.3191	0.9395	0.9844	0.2059	0.9329
44.8	0.9790	0.9990	0.8899	0.0445	0.9120	0.9846	0.1147	0.9262
44.9	0.9885	0.9993	0.8547	0.2024	0.8874	0.9869	0.3241	0.9270
45.0	0.9899	0.9993	0.8466	0.3162	0.9230	0.9846	0.3438	0.9345
45.1	0.9823	0.9993	0.8506	0.4838	0.9359	0.9771	0.4113	0.9556
45.2	0.9766	0.9991	0.8259	0.5299	0.8803	0.9683	0.4354	0.9615
45.3	0.9810	0.9993	0.8567	0.3039	0.8730	0.9718	0.1758	0.9775
45.4	0.9811	0.9993	0.8834	0.1177	0.8663	0.9812	0.1024	0.9733
45.5	0.9755	0.9992	0.8802	0.2039	0.8460	0.9704	0.1641	0.9435
45.6	0.9747	0.9991	0.8999	0.2611	0.8820	0.9699	0.1857	0.9062
45.7	0.9720	0.9991	0.9094	0.3074	0.9028	0.9725	0.2918	0.9310
45.8	0.9770	0.9993	0.9158	0.3820	0.9318	0.9777	0.3488	0.9494
45.9	0.9648	0.9993	0.9042	0.3367	0.9363	0.9706	0.2547	0.9343
46.0	0.9775	0.9994	0.9485	0.5923	0.9681	0.9792	0.4083	0.9556
46.1	0.9668	0.9993	0.9522	0.4458	0.9546	0.9789	0.1817	0.9622
46.2	0.9675	0.9993	0.9528	0.1249	0.9464	0.9813	0.0525	0.9683
46.3	0.9512	0.9994	0.9612	0.1697	0.9481	0.9758	0.2449	0.9677
46.4	0.9471	0.9992	0.9556	0.0141	0.9570	0.9727	0.1231	0.9550
46.5	0.9660	0.9992	0.9636	0.2405	0.9696	0.9794	0.4649	0.9626
46.6	0.9706	0.9994	0.9632	0.4292	0.9668	0.9826	0.6588	0.9707
46.7	0.9658	0.9994	0.9663	0.5945	0.9725	0.9880	0.7604	0.9771
46.8	0.9607	0.9993	0.9672	0.6992	0.9671	0.9893	0.8016	0.9837
46.9	0.9752	0.9996	0.9700	0.7838	0.9783	0.9910	0.8580	0.9917
47.0	0.9721	0.9996	0.9729	0.7331	0.9791	0.9911	0.8330	0.9926
47.1	0.9647	0.9995	0.9718	0.5788	0.9795	0.9922	0.7733	0.9865
47.2	0.9630	0.9995	0.9648	0.6014	0.9703	0.9907	0.7552	0.9779
47.3	0.9448	0.9993	0.9572	0.6302	0.9517	0.9851	0.7446	0.9729
47.4	0.9438	0.9993	0.9556	0.6027	0.9591	0.9856	0.7398	0.9781
47.5	0.9489	0.9995	0.9678	0.6319	0.9808	0.9888	0.7808	0.9823
47.6	0.9083	0.9993	0.9439	0.7070	0.9671	0.9872	0.8107	0.9806
47.7	0.9144	0.9992	0.9497	0.8105	0.9457	0.9908	0.8709	0.9852
47.8	0.9567	0.9995	0.9632	0.7970	0.9566	0.9922	0.8498	0.9884
47.9	0.9451	0.9993	0.9680	0.6786	0.9636	0.9867	0.7706	0.9845
48.0	0.9060	0.9991	0.9566	0.6894	0.9736	0.9842	0.7783	0.9786
48.1	0.9233	0.9992	0.9605	0.7961	0.9839	0.9901	0.8337	0.9868
48.2	0.9304	0.9995	0.9709	0.7375	0.9876	0.9918	0.8099	0.9902
48.3	0.9160	0.9995	0.9728	0.7366	0.9821	0.9921	0.8384	0.9874
48.4	0.9158	0.9994	0.9692	0.8051	0.9726	0.9897	0.8739	0.9874
48.5	0.9068	0.9993	0.9556	0.7671	0.9569	0.9876	0.8451	0.9834
48.6	0.9265	0.9993	0.9626	0.7265	0.9567	0.9889	0.8418	0.9855
48.7	0.9152	0.9995	0.9400	0.7809	0.9282	0.9908	0.8593	0.9839
48.8	0.8984	0.9993	0.9207	0.7994	0.9325	0.9916	0.8563	0.9852
48.9	0.8936	0.9993	0.9395	0.6103	0.9494	0.9918	0.7603	0.9852
49.0	0.8797	0.9994	0.9417	0.7045	0.9404	0.9871	0.7973	0.9834
49.1	0.8794	0.9993	0.9472	0.7781	0.9443	0.9857	0.8492	0.9826
49.2	0.9086	0.9994	0.9399	0.8610	0.9101	0.9862	0.9010	0.9825
49.3	0.9227	0.9994	0.9271	0.8577	0.8973	0.9856	0.8956	0.9854
49.4	0.9189	0.9993	0.9402	0.8264	0.9472	0.9893	0.8820	0.9879
49.5	0.8803	0.9993	0.9520	0.7824	0.9201	0.9889	0.8553	0.9865
49.6	0.8675	0.9995	0.9473	0.8862	0.7171	0.9878	0.9178	0.9856
49.7	0.8676	0.9996	0.9541	0.9268	0.8217	0.9918	0.9459	0.9886
49.8	0.7682	0.9991	0.9071	0.8826	0.8507	0.9876	0.9128	0.9838
49.9	0.8059	0.9992	0.8857	0.8695	0.8583	0.9832	0.9004	0.9780
50.0	0.8149	0.9993	0.8838	0.8634	0.7500	0.9808	0.8957	0.9797
50.1	0.9051	0.9995	0.9195	0.9360	0.8704	0.9904	0.9519	0.9924
50.2	0.8669	0.9993	0.8942	0.9254	0.8705	0.9898	0.9398	0.9898
50.3	0.8750	0.9992	0.8843	0.9237	0.8448	0.9882	0.9364	0.9869
50.4	0.9034	0.9993	0.8974	0.9470	0.9038	0.9891	0.9565	0.9905
50.5	0.9019	0.9995	0.8685	0.9426	0.9135	0.9876	0.9496	0.9886
50.6	0.9134	0.9994	0.8364	0.9491	0.9441	0.9906	0.9530	0.9891
50.7	0.9002	0.9993	0.8148	0.9501	0.9492	0.9930	0.9518	0.9892
50.8	0.9021	0.9993	0.8381	0.9475	0.9092	0.9906	0.9543	0.9881
50.9	0.8697	0.9993	0.8080	0.9244	0.8793	0.9865	0.9348	0.9821

51.0	0.8892	0.9994	0.8726	0.9162	0.8906	0.9863	0.9278	0.9764
51.1	0.9091	0.9994	0.8615	0.9390	0.8103	0.9877	0.9487	0.9802
51.2	0.9203	0.9994	0.6628	0.9346	0.8748	0.9855	0.9465	0.9815
51.3	0.9052	0.9994	0.8157	0.8897	0.8645	0.9818	0.9132	0.9775
51.4	0.8996	0.9993	0.8108	0.9123	0.7021	0.9803	0.9297	0.9774
51.5	0.9317	0.9992	0.8049	0.9587	0.7648	0.9868	0.9662	0.9852
51.6	0.9368	0.9992	0.6631	0.9533	0.8308	0.9839	0.9596	0.9825
51.7	0.9412	0.9991	0.1784	0.9428	0.9069	0.9844	0.9488	0.9777
51.8	0.9536	0.9989	0.1580	0.9659	0.9579	0.9920	0.9688	0.9853
51.9	0.9621	0.9992	0.2662	0.9495	0.9311	0.9902	0.9562	0.9835
52.0	0.9414	0.9993	0.4061	0.9397	0.9317	0.9858	0.9480	0.9795
52.1	0.9508	0.9992	0.4284	0.9574	0.9417	0.9859	0.9606	0.9768
52.2	0.9709	0.9993	0.6164	0.9702	0.9650	0.9909	0.9724	0.9842
52.3	0.9710	0.9992	0.7660	0.9637	0.9655	0.9907	0.9667	0.9831
52.4	0.9595	0.9990	0.7551	0.9277	0.9478	0.9875	0.9330	0.9646
52.5	0.9570	0.9989	0.7920	0.9420	0.9556	0.9872	0.9431	0.9649
52.6	0.9629	0.9989	0.8466	0.9636	0.9786	0.9914	0.9638	0.9786
52.7	0.9721	0.9989	0.8296	0.9322	0.9676	0.9899	0.9376	0.9744
52.8	0.9499	0.9985	0.7620	0.8643	0.9489	0.9820	0.8795	0.9598
52.9	0.9348	0.9984	0.7273	0.8781	0.9438	0.9720	0.8893	0.9577
53.0	0.9282	0.9987	0.5777	0.8832	0.9025	0.9696	0.8994	0.9507
53.1	0.9410	0.9986	0.5904	0.9386	0.9416	0.9845	0.9458	0.9658
53.2	0.9455	0.9984	0.7535	0.9502	0.9668	0.9882	0.9529	0.9761
53.3	0.9674	0.9984	0.8220	0.9476	0.9675	0.9865	0.9500	0.9772
53.4	0.9674	0.9977	0.8408	0.9391	0.9702	0.9841	0.9404	0.9715
53.5	0.9654	0.9987	0.8919	0.9551	0.9744	0.9873	0.9564	0.9762
53.6	0.9581	0.9991	0.9114	0.9506	0.9513	0.9857	0.9540	0.9667
53.7	0.9273	0.9986	0.9022	0.9491	0.9567	0.9859	0.9509	0.9551
53.8	0.9485	0.9986	0.8433	0.9112	0.9167	0.9800	0.9177	0.9528
53.9	0.9659	0.9989	0.8561	0.9383	0.9351	0.9782	0.9434	0.9731
54.0	0.9687	0.9986	0.8900	0.9514	0.9643	0.9828	0.9517	0.9726
54.1	0.9591	0.9986	0.9065	0.9359	0.9733	0.9788	0.9353	0.9731
54.2	0.9521	0.9985	0.9024	0.9012	0.9628	0.9642	0.9040	0.9656
54.3	0.9728	0.9990	0.9175	0.9177	0.9598	0.9697	0.9216	0.9681
54.4	0.9565	0.9988	0.8965	0.9063	0.9581	0.9668	0.9109	0.9569
54.5	0.9356	0.9986	0.8984	0.8677	0.9597	0.9590	0.8677	0.9499
54.6	0.9387	0.9987	0.9348	0.8891	0.9717	0.9563	0.8829	0.9624
54.7	0.9681	0.9993	0.9545	0.8866	0.9770	0.9647	0.8843	0.9727
54.8	0.9664	0.9993	0.9515	0.8775	0.9737	0.9706	0.8883	0.9777
54.9	0.9486	0.9992	0.9330	0.8996	0.9713	0.9736	0.9093	0.9756
55.0	0.9519	0.9992	0.9422	0.9171	0.9786	0.9737	0.9282	0.9821
55.1	0.9513	0.9992	0.9342	0.8903	0.9808	0.9716	0.9013	0.9782
55.2	0.9299	0.9988	0.9211	0.8864	0.9841	0.9768	0.8948	0.9767
55.3	0.9119	0.9989	0.9222	0.8537	0.9798	0.9649	0.8742	0.9724
55.4	0.9118	0.9991	0.9482	0.8771	0.9814	0.9665	0.8927	0.9794
55.5	0.9364	0.9992	0.9490	0.8811	0.9740	0.9744	0.9022	0.9769
55.6	0.9431	0.9993	0.9531	0.9184	0.9732	0.9800	0.9292	0.9755
55.7	0.8976	0.9994	0.9539	0.9215	0.9803	0.9765	0.9300	0.9751
55.8	0.8815	0.9993	0.9508	0.8846	0.9812	0.9719	0.9040	0.9798
55.9	0.8766	0.9995	0.9468	0.8531	0.9808	0.9705	0.8828	0.9838
56.0	0.8453	0.9993	0.9325	0.8472	0.9803	0.9784	0.8815	0.9784
56.1	0.7995	0.9990	0.9143	0.8684	0.9676	0.9753	0.8937	0.9743
56.2	0.8094	0.9991	0.9426	0.8961	0.9738	0.9733	0.9152	0.9744
56.3	0.7986	0.9991	0.9430	0.8770	0.9752	0.9730	0.8989	0.9765
56.4	0.8502	0.9994	0.9490	0.8817	0.9788	0.9792	0.8997	0.9802
56.5	0.8682	0.9993	0.9392	0.8756	0.9756	0.9788	0.8960	0.9826
56.6	0.8760	0.9994	0.9515	0.8855	0.9788	0.9783	0.9088	0.9843
56.7	0.8923	0.9994	0.9619	0.9011	0.9853	0.9848	0.9194	0.9860
56.8	0.8725	0.9992	0.9535	0.8759	0.9853	0.9794	0.9016	0.9863
56.9	0.8584	0.9993	0.9535	0.8696	0.9847	0.9737	0.9011	0.9876
57.0	0.8768	0.9993	0.9601	0.8849	0.9844	0.9792	0.9145	0.9868
57.1	0.9179	0.9992	0.9724	0.9286	0.9878	0.9842	0.9479	0.9913
57.2	0.9059	0.9995	0.9581	0.9079	0.9810	0.9858	0.9303	0.9900
57.3	0.8910	0.9993	0.9446	0.8843	0.9695	0.9818	0.9076	0.9817
57.4	0.8521	0.9992	0.9337	0.8576	0.9735	0.9772	0.8868	0.9810
57.5	0.8833	0.9992	0.9231	0.8620	0.9743	0.9794	0.8888	0.9832
57.6	0.8420	0.9990	0.8977	0.8269	0.9667	0.9732	0.8635	0.9839
57.7	0.8484	0.9989	0.9140	0.8551	0.9694	0.9771	0.8840	0.9822
57.8	0.8586	0.9992	0.9274	0.8699	0.9742	0.9787	0.8975	0.9847
57.9	0.7899	0.9986	0.9021	0.8480	0.9654	0.9713	0.8810	0.9828
58.0	0.8525	0.9991	0.9210	0.8852	0.9738	0.9749	0.9089	0.9885
58.1	0.8779	0.9991	0.9176	0.8744	0.9734	0.9764	0.8984	0.9882
58.2	0.8686	0.9991	0.9039	0.8368	0.9602	0.9662	0.8684	0.9885
58.3	0.8735	0.9990	0.9166	0.8792	0.9629	0.9751	0.9025	0.9882
58.4	0.9022	0.9992	0.9375	0.9187	0.9740	0.9852	0.9334	0.9886
58.5	0.8760	0.9992	0.9293	0.8878	0.9707	0.9802	0.9064	0.9901
58.6	0.8440	0.9988	0.9265	0.8777	0.9646	0.9779	0.8984	0.9861
58.7	0.8244	0.9986	0.9301	0.8829	0.9529	0.9784	0.9011	0.9845
58.8	0.7953	0.9985	0.9238	0.8472	0.9539	0.9743	0.8693	0.9830
58.9	0.7754	0.9984	0.9229	0.8146	0.9513	0.9660	0.8382	0.9819
59.0	0.5868	0.9976	0.9214	0.7748	0.9519	0.9654	0.8012	0.9749
59.1	0.6408	0.9979	0.9401	0.8249	0.9651	0.9797	0.8505	0.9835
59.2	0.8099	0.9985	0.9624	0.8506	0.9727	0.9830	0.8716	0.9897
59.3	0.8310	0.9978	0.9729	0.8610	0.9820	0.9837	0.8792	0.9904
59.4	0.8644	0.9964	0.9736	0.8687	0.9818	0.9848	0.8866	0.9907
59.5	0.8643	0.9968	0.9670	0.8279	0.9799	0.9859	0.8623	0.9917

59.6	0.8787	0.9970	0.9686	0.8196	0.9806	0.9883	0.8566	0.9921
59.7	0.8763	0.9965	0.9583	0.7838	0.9752	0.9867	0.8326	0.9920
59.8	0.8045	0.9951	0.9376	0.7137	0.9640	0.9794	0.7876	0.9927
59.9	0.8052	0.9953	0.9445	0.7496	0.9679	0.9793	0.8209	0.9933
60.0	0.8889	0.9978	0.9563	0.8417	0.9817	0.9883	0.8967	0.9960
60.1	0.9049	0.9976	0.9588	0.8374	0.9795	0.9885	0.8879	0.9959
60.2	0.8787	0.9979	0.9520	0.8645	0.9757	0.9868	0.8980	0.9945
60.3	0.8541	0.9981	0.9541	0.9065	0.9777	0.9889	0.9280	0.9956
60.4	0.8678	0.9980	0.9443	0.9106	0.9751	0.9900	0.9314	0.9966
60.5	0.8473	0.9981	0.9382	0.9275	0.9751	0.9916	0.9438	0.9965
60.6	0.8133	0.9982	0.9397	0.9367	0.9752	0.9907	0.9507	0.9965
60.7	0.7927	0.9983	0.9445	0.9573	0.9745	0.9925	0.9664	0.9969
60.8	0.6732	0.9978	0.9250	0.9588	0.9670	0.9936	0.9673	0.9973
60.9	0.6221	0.9983	0.9228	0.9584	0.9760	0.9931	0.9665	0.9972
61.0	0.5005	0.9976	0.8797	0.9545	0.9677	0.9918	0.9623	0.9964
61.1	0.3100	0.9981	0.8346	0.9575	0.9524	0.9917	0.9649	0.9969
61.2	0.3956	0.9973	0.8118	0.9590	0.9524	0.9916	0.9653	0.9949
61.3	0.3196	0.9982	0.8227	0.9737	0.9602	0.9941	0.9777	0.9964
61.4	0.3603	0.9989	0.7680	0.9701	0.9571	0.9928	0.9750	0.9973
61.5	0.4108	0.9985	0.7055	0.9782	0.9581	0.9952	0.9813	0.9980
61.6	0.4005	0.9985	0.6165	0.9792	0.9416	0.9947	0.9816	0.9972
61.7	0.5462	0.9985	0.3409	0.9744	0.9305	0.9927	0.9773	0.9969
61.8	0.5697	0.9982	0.1643	0.9785	0.9480	0.9933	0.9806	0.9965
61.9	0.5430	0.9978	0.1058	0.9796	0.9444	0.9926	0.9816	0.9960
62.0	0.5977	0.9984	0.3999	0.9838	0.9498	0.9938	0.9852	0.9972
62.1	0.6531	0.9986	0.5651	0.9840	0.9508	0.9946	0.9857	0.9978
62.2	0.5983	0.9986	0.6715	0.9825	0.9403	0.9943	0.9839	0.9971
62.3	0.6095	0.9986	0.7778	0.9828	0.9138	0.9935	0.9839	0.9972
62.4	0.6765	0.9989	0.8640	0.9875	0.9456	0.9954	0.9884	0.9979
62.5	0.7119	0.9987	0.9028	0.9907	0.9292	0.9962	0.9916	0.9977
62.6	0.6600	0.9979	0.9092	0.9898	0.8813	0.9956	0.9903	0.9966
62.7	0.5975	0.9980	0.9189	0.9884	0.8564	0.9954	0.9887	0.9975
62.8	0.5981	0.9981	0.9283	0.9879	0.8617	0.9949	0.9885	0.9973
62.9	0.6334	0.9990	0.9573	0.9900	0.8575	0.9953	0.9904	0.9978
63.0	0.6284	0.9981	0.9656	0.9908	0.8412	0.9956	0.9913	0.9969
63.1	0.6581	0.9983	0.9638	0.9883	0.8310	0.9947	0.9889	0.9973
63.2	0.5482	0.9979	0.9701	0.9884	0.8017	0.9940	0.9888	0.9968
63.3	0.5145	0.9982	0.9770	0.9908	0.7973	0.9947	0.9910	0.9967
63.4	0.6027	0.9981	0.9803	0.9903	0.8086	0.9954	0.9906	0.9965
63.5	0.5553	0.9980	0.9828	0.9898	0.7769	0.9950	0.9901	0.9968
63.6	0.4721	0.9983	0.9833	0.9905	0.6885	0.9946	0.9907	0.9973
63.7	0.4730	0.9979	0.9806	0.9889	0.5985	0.9938	0.9891	0.9972
63.8	0.4275	0.9978	0.9797	0.9869	0.6067	0.9930	0.9871	0.9968
63.9	0.4230	0.9979	0.9840	0.9898	0.3702	0.9947	0.9900	0.9970
64.0	0.4603	0.9977	0.9883	0.9913	0.2386	0.9951	0.9914	0.9973
64.1	0.6361	0.9976	0.9847	0.9869	0.2918	0.9935	0.9870	0.9967
64.2	0.5584	0.9963	0.9863	0.9907	0.2499	0.9947	0.9908	0.9957
64.3	0.5583	0.9968	0.9855	0.9904	0.1495	0.9946	0.9902	0.9962
64.4	0.5461	0.9974	0.9848	0.9884	0.2350	0.9931	0.9884	0.9964
64.5	0.5143	0.9974	0.9888	0.9908	0.4164	0.9940	0.9909	0.9964
64.6	0.5854	0.9967	0.9902	0.9915	0.6021	0.9948	0.9916	0.9961
64.7	0.5838	0.9971	0.9847	0.9887	0.6196	0.9928	0.9888	0.9968
64.8	0.6487	0.9960	0.9860	0.9872	0.7222	0.9927	0.9873	0.9958
64.9	0.7212	0.9966	0.9906	0.9860	0.7989	0.9931	0.9859	0.9962
65.0	0.6926	0.9962	0.9934	0.9888	0.7934	0.9936	0.9886	0.9960
65.1	0.7189	0.9943	0.9918	0.9831	0.8072	0.9900	0.9828	0.9937
65.2	0.6808	0.9957	0.9936	0.9883	0.8853	0.9917	0.9878	0.9958
65.3	0.7044	0.9963	0.9914	0.9879	0.8849	0.9928	0.9875	0.9961
65.4	0.7542	0.9967	0.9930	0.9878	0.9072	0.9938	0.9873	0.9958
65.5	0.7781	0.9962	0.9939	0.9839	0.8968	0.9920	0.9832	0.9953
65.6	0.7783	0.9966	0.9940	0.9858	0.9058	0.9938	0.9853	0.9956
65.7	0.8026	0.9960	0.9948	0.9858	0.9099	0.9944	0.9852	0.9948
65.8	0.8073	0.9955	0.9925	0.9864	0.9265	0.9932	0.9859	0.9954
65.9	0.8662	0.9959	0.9945	0.9892	0.9325	0.9929	0.9886	0.9956
66.0	0.8629	0.9959	0.9940	0.9861	0.9386	0.9939	0.9852	0.9959
66.1	0.8610	0.9963	0.9957	0.9827	0.9271	0.9943	0.9816	0.9953
66.2	0.8688	0.9953	0.9957	0.9811	0.9244	0.9930	0.9799	0.9938
66.3	0.8782	0.9951	0.9949	0.9851	0.9459	0.9944	0.9838	0.9954
66.4	0.8854	0.9946	0.9931	0.9829	0.9503	0.9938	0.9815	0.9943
66.5	0.8836	0.9942	0.9950	0.9840	0.9564	0.9944	0.9828	0.9933
66.6	0.8751	0.9948	0.9953	0.9809	0.9600	0.9951	0.9794	0.9941
66.7	0.8754	0.9955	0.9952	0.9815	0.9597	0.9947	0.9799	0.9951
66.8	0.8777	0.9948	0.9919	0.9779	0.9397	0.9922	0.9762	0.9932
66.9	0.8850	0.9950	0.9942	0.9809	0.9455	0.9934	0.9789	0.9950
67.0	0.9112	0.9962	0.9949	0.9833	0.9437	0.9941	0.9812	0.9957
67.1	0.9057	0.9961	0.9956	0.9826	0.9552	0.9939	0.9807	0.9948
67.2	0.9106	0.9956	0.9959	0.9836	0.9535	0.9952	0.9817	0.9954
67.3	0.9037	0.9963	0.9967	0.9823	0.9585	0.9952	0.9802	0.9957
67.4	0.8817	0.9948	0.9950	0.9766	0.9569	0.9920	0.9740	0.9942
67.5	0.9035	0.9950	0.9952	0.9780	0.9533	0.9937	0.9751	0.9950
67.6	0.9040	0.9933	0.9940	0.9785	0.9492	0.9933	0.9755	0.9942
67.7	0.9109	0.9955	0.9954	0.9827	0.9580	0.9943	0.9803	0.9952
67.8	0.9278	0.9971	0.9962	0.9838	0.9652	0.9956	0.9814	0.9960
67.9	0.8985	0.9955	0.9947	0.9784	0.9597	0.9954	0.9754	0.9939
68.0	0.9102	0.9956	0.9954	0.9806	0.9630	0.9950	0.9781	0.9952
68.1	0.9134	0.9964	0.9956	0.9804	0.9704	0.9944	0.9777	0.9956

68.2	0.9126	0.9969	0.9964	0.9829	0.9727	0.9958	0.9799	0.9961
68.3	0.9132	0.9965	0.9952	0.9826	0.9757	0.9951	0.9793	0.9958
68.4	0.9122	0.9964	0.9950	0.9704	0.9725	0.9942	0.9643	0.9952
68.5	0.9257	0.9968	0.9957	0.9732	0.9785	0.9949	0.9671	0.9961
68.6	0.9381	0.9973	0.9966	0.9751	0.9822	0.9960	0.9692	0.9968
68.7	0.9378	0.9974	0.9964	0.9721	0.9848	0.9963	0.9650	0.9967
68.8	0.9399	0.9964	0.9953	0.9641	0.9843	0.9956	0.9546	0.9958
68.9	0.9442	0.9965	0.9951	0.9625	0.9841	0.9947	0.9517	0.9957
69.0	0.9449	0.9966	0.9959	0.9521	0.9862	0.9947	0.9380	0.9956
69.1	0.9474	0.9971	0.9964	0.9525	0.9898	0.9955	0.9372	0.9962
69.2	0.9528	0.9973	0.9951	0.9386	0.9898	0.9946	0.9169	0.9962
69.3	0.9518	0.9975	0.9967	0.9279	0.9913	0.9952	0.9003	0.9961
69.4	0.9500	0.9967	0.9967	0.9108	0.9904	0.9955	0.8748	0.9955
69.5	0.9480	0.9956	0.9960	0.8793	0.9901	0.9943	0.8259	0.9950
69.6	0.9519	0.9971	0.9957	0.8678	0.9896	0.9936	0.7969	0.9967
69.7	0.9541	0.9970	0.9957	0.8219	0.9899	0.9947	0.7304	0.9963
69.8	0.9534	0.9967	0.9949	0.6668	0.9904	0.9957	0.5493	0.9962
69.9	0.9609	0.9974	0.9953	0.7150	0.9930	0.9959	0.6607	0.9968
70.0	0.9635	0.9977	0.9959	0.6299	0.9930	0.9959	0.6598	0.9970
70.1	0.9671	0.9964	0.9958	0.6058	0.9915	0.9948	0.7086	0.9963
70.2	0.9698	0.9958	0.9952	0.6145	0.9908	0.9954	0.7495	0.9955
70.3	0.9736	0.9966	0.9964	0.7439	0.9939	0.9965	0.8442	0.9953
70.4	0.9765	0.9968	0.9968	0.8598	0.9944	0.9966	0.9168	0.9967
70.5	0.9769	0.9976	0.9966	0.8969	0.9936	0.9965	0.9325	0.9972
70.6	0.9804	0.9970	0.9973	0.9313	0.9946	0.9970	0.9534	0.9971
70.7	0.9823	0.9969	0.9977	0.9558	0.9945	0.9969	0.9705	0.9970
70.8	0.9797	0.9962	0.9970	0.9659	0.9941	0.9968	0.9761	0.9960
70.9	0.9798	0.9964	0.9966	0.9664	0.9936	0.9969	0.9753	0.9962
71.0	0.9803	0.9979	0.9965	0.9723	0.9928	0.9970	0.9788	0.9972
71.1	0.9818	0.9972	0.9968	0.9752	0.9939	0.9962	0.9800	0.9968
71.2	0.9832	0.9971	0.9973	0.9799	0.9945	0.9962	0.9836	0.9964
71.3	0.9842	0.9975	0.9971	0.9883	0.9948	0.9964	0.9900	0.9963
71.4	0.9837	0.9972	0.9960	0.9851	0.9933	0.9951	0.9871	0.9962
71.5	0.9843	0.9975	0.9966	0.9857	0.9937	0.9956	0.9878	0.9969
71.6	0.9886	0.9975	0.9969	0.9889	0.9943	0.9962	0.9903	0.9970
71.7	0.9885	0.9976	0.9965	0.9889	0.9943	0.9967	0.9905	0.9966
71.8	0.9869	0.9977	0.9959	0.9889	0.9918	0.9958	0.9902	0.9963
71.9	0.9880	0.9974	0.9962	0.9916	0.9917	0.9965	0.9926	0.9963
72.0	0.9872	0.9964	0.9961	0.9898	0.9924	0.9960	0.9911	0.9960
72.1	0.9852	0.9969	0.9954	0.9910	0.9926	0.9955	0.9919	0.9958
72.2	0.9883	0.9967	0.9957	0.9917	0.9917	0.9954	0.9924	0.9956
72.3	0.9893	0.9975	0.9959	0.9923	0.9922	0.9949	0.9930	0.9958
72.4	0.9888	0.9978	0.9959	0.9926	0.9923	0.9953	0.9932	0.9955
72.5	0.9898	0.9974	0.9957	0.9927	0.9929	0.9958	0.9933	0.9965
72.6	0.9887	0.9963	0.9940	0.9912	0.9906	0.9948	0.9919	0.9954
72.7	0.9865	0.9963	0.9911	0.9898	0.9872	0.9921	0.9908	0.9920
72.8	0.9896	0.9975	0.9942	0.9923	0.9898	0.9934	0.9929	0.9930
72.9	0.9906	0.9970	0.9957	0.9928	0.9904	0.9940	0.9932	0.9954
73.0	0.9903	0.9970	0.9959	0.9943	0.9915	0.9943	0.9946	0.9943
73.1	0.9867	0.9969	0.9935	0.9925	0.9874	0.9930	0.9930	0.9924
73.2	0.9905	0.9972	0.9951	0.9945	0.9873	0.9943	0.9950	0.9936
73.3	0.9910	0.9965	0.9943	0.9939	0.9851	0.9940	0.9947	0.9932
73.4	0.9914	0.9965	0.9954	0.9948	0.9905	0.9943	0.9952	0.9941
73.5	0.9915	0.9966	0.9955	0.9949	0.9926	0.9950	0.9952	0.9954
73.6	0.9899	0.9967	0.9940	0.9927	0.9883	0.9926	0.9930	0.9933
73.7	0.9908	0.9975	0.9934	0.9926	0.9853	0.9926	0.9932	0.9920
73.8	0.9908	0.9979	0.9943	0.9938	0.9859	0.9944	0.9945	0.9927
73.9	0.9906	0.9973	0.9934	0.9936	0.9863	0.9941	0.9943	0.9917
74.0	0.9924	0.9972	0.9944	0.9940	0.9882	0.9927	0.9944	0.9918
74.1	0.9926	0.9975	0.9947	0.9947	0.9874	0.9912	0.9949	0.9911
74.2	0.9910	0.9971	0.9936	0.9944	0.9861	0.9910	0.9947	0.9898
74.3	0.9926	0.9973	0.9945	0.9943	0.9855	0.9919	0.9948	0.9925
74.4	0.9931	0.9972	0.9940	0.9931	0.9857	0.9892	0.9937	0.9919
74.5	0.9926	0.9969	0.9937	0.9944	0.9815	0.9890	0.9949	0.9894
74.6	0.9919	0.9967	0.9915	0.9921	0.9746	0.9883	0.9932	0.9878
74.7	0.9921	0.9975	0.9920	0.9931	0.9836	0.9895	0.9938	0.9901
74.8	0.9912	0.9966	0.9907	0.9920	0.9781	0.9876	0.9929	0.9885
74.9	0.9892	0.9961	0.9894	0.9909	0.9730	0.9814	0.9918	0.9830
75.0	0.9889	0.9972	0.9877	0.9888	0.9746	0.9837	0.9899	0.9845
75.1	0.9920	0.9973	0.9867	0.9885	0.9658	0.9852	0.9903	0.9819
75.2	0.9905	0.9973	0.9834	0.9877	0.9572	0.9841	0.9897	0.9796
75.3	0.9898	0.9974	0.9843	0.9899	0.9581	0.9830	0.9916	0.9781
75.4	0.9910	0.9980	0.9905	0.9929	0.9744	0.9847	0.9937	0.9844
75.5	0.9941	0.9984	0.9910	0.9937	0.9774	0.9884	0.9946	0.9862
75.6	0.9936	0.9972	0.9883	0.9914	0.9671	0.9834	0.9926	0.9829
75.7	0.9922	0.9970	0.9879	0.9913	0.9568	0.9834	0.9923	0.9815
75.8	0.9917	0.9977	0.9882	0.9912	0.9552	0.9807	0.9923	0.9805
75.9	0.9876	0.9955	0.9746	0.9839	0.9151	0.9695	0.9863	0.9663
76.0	0.9849	0.9964	0.9794	0.9877	0.9303	0.9797	0.9897	0.9754
76.1	0.9906	0.9974	0.9871	0.9933	0.9507	0.9819	0.9943	0.9803
76.2	0.9901	0.9977	0.9872	0.9927	0.9458	0.9868	0.9940	0.9817
76.3	0.9914	0.9976	0.9844	0.9918	0.9322	0.9842	0.9931	0.9775
76.4	0.9867	0.9971	0.9855	0.9918	0.9338	0.9808	0.9924	0.9802
76.5	0.9884	0.9974	0.9853	0.9911	0.9100	0.9780	0.9918	0.9761
76.6	0.9896	0.9975	0.9798	0.9901	0.8688	0.9800	0.9914	0.9727
76.7	0.9899	0.9983	0.9842	0.9915	0.8611	0.9803	0.9924	0.9740

76.8	0.9896	0.9976	0.9811	0.9898	0.8262	0.9708	0.9906	0.9664
76.9	0.9882	0.9975	0.9706	0.9901	0.7585	0.9781	0.9920	0.9625
77.0	0.9847	0.9976	0.9688	0.9880	0.7225	0.9774	0.9895	0.9602
77.1	0.9842	0.9975	0.9642	0.9868	0.6756	0.9768	0.9884	0.9571
77.2	0.9831	0.9977	0.9686	0.9876	0.6773	0.9752	0.9886	0.9635
77.3	0.9754	0.9966	0.9710	0.9862	0.6646	0.9670	0.9865	0.9543
77.4	0.9779	0.9970	0.9730	0.9877	0.7497	0.9705	0.9883	0.9531
77.5	0.9785	0.9965	0.9773	0.9872	0.8010	0.9648	0.9869	0.9466
77.6	0.9789	0.9978	0.9782	0.9886	0.8533	0.9712	0.9885	0.9489
77.7	0.9808	0.9978	0.9748	0.9880	0.8446	0.9703	0.9885	0.9454
77.8	0.9782	0.9980	0.9766	0.9898	0.8787	0.9732	0.9901	0.9286
77.9	0.9820	0.9981	0.9813	0.9920	0.9289	0.9824	0.9925	0.9308
78.0	0.9782	0.9974	0.9723	0.9889	0.9064	0.9740	0.9894	0.8747
78.1	0.9702	0.9972	0.9755	0.9897	0.9249	0.9717	0.9899	0.8495
78.2	0.9678	0.9968	0.9754	0.9884	0.9370	0.9711	0.9882	0.8203
78.3	0.9766	0.9974	0.9839	0.9923	0.9636	0.9792	0.9921	0.8683
78.4	0.9766	0.9974	0.9856	0.9912	0.9601	0.9704	0.9904	0.8778
78.5	0.9722	0.9965	0.9857	0.9864	0.9652	0.9672	0.9854	0.9150
78.6	0.9710	0.9971	0.9872	0.9879	0.9755	0.9734	0.9870	0.9389
78.7	0.9788	0.9979	0.9875	0.9909	0.9727	0.9765	0.9906	0.9426
78.8	0.9738	0.9977	0.9874	0.9908	0.9654	0.9680	0.9901	0.9471
78.9	0.9726	0.9968	0.9833	0.9887	0.9638	0.9598	0.9892	0.9437
79.0	0.9680	0.9961	0.9716	0.9812	0.9360	0.9233	0.9817	0.9300
79.1	0.9635	0.9963	0.9686	0.9833	0.9198	0.9421	0.9829	0.9369
79.2	0.9676	0.9971	0.9836	0.9884	0.9566	0.9638	0.9870	0.9645
79.3	0.9640	0.9967	0.9838	0.9863	0.9631	0.9682	0.9849	0.9634
79.4	0.9439	0.9965	0.9842	0.9843	0.9660	0.9643	0.9823	0.9638
79.5	0.9403	0.9953	0.9859	0.9830	0.9605	0.9584	0.9810	0.9634
79.6	0.9521	0.9959	0.9854	0.9826	0.9645	0.9646	0.9806	0.9646
79.7	0.9444	0.9967	0.9852	0.9834	0.9724	0.9752	0.9827	0.9666
79.8	0.9575	0.9972	0.9873	0.9859	0.9751	0.9771	0.9844	0.9744
79.9	0.9630	0.9969	0.9831	0.9776	0.9784	0.9706	0.9753	0.9684
80.0	0.9519	0.9970	0.9826	0.9741	0.9780	0.9616	0.9727	0.9585

2.2.75 Run 7 – VT270 – Accels 17–24

Vertical shaking at 270°. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0450	0.0469	0.3542	0.0674	0.1478	0.0000	0.1584	0.2525
0.1	0.0252	0.0455	0.0736	0.0092	0.0191	0.0213	0.0430	0.0872
0.2	0.0292	0.0308	0.0321	0.0118	0.0021	0.0240	0.0161	0.0499
0.3	0.0172	0.0064	0.0293	0.0234	0.0132	0.0149	0.0118	0.0001
0.4	0.0129	0.0025	0.0246	0.0194	0.0235	0.0295	0.0316	0.0125
0.5	0.0313	0.0344	0.0366	0.0074	0.0294	0.0226	0.0280	0.0057
0.6	0.0086	0.0543	0.0116	0.0014	0.0019	0.0104	0.0008	0.0094
0.7	0.0422	0.0401	0.0582	0.0054	0.0057	0.0008	0.0002	0.0191
0.8	0.0498	0.0179	0.2118	0.0377	0.0273	0.0041	0.0070	0.0149
0.9	0.0190	0.0245	0.2902	0.0562	0.0121	0.0018	0.0449	0.0225
1.0	0.1243	0.0178	0.4173	0.0057	0.0240	0.0145	0.0927	0.0298
1.1	0.2536	0.0097	0.5988	0.0465	0.0131	0.0481	0.1267	0.0125
1.2	0.3049	0.0249	0.6388	0.2093	0.0119	0.0145	0.0388	0.0155
1.3	0.3195	0.0139	0.6982	0.1190	0.0172	0.0035	0.0876	0.0008
1.4	0.4527	0.0126	0.7545	0.2068	0.0104	0.0142	0.1830	0.0217
1.5	0.4903	0.0103	0.8294	0.2548	0.0815	0.0305	0.2952	0.0167
1.6	0.5498	0.0621	0.8100	0.3009	0.0408	0.0046	0.2916	0.0581
1.7	0.4703	0.1526	0.8061	0.2716	0.0363	0.0417	0.3485	0.0658
1.8	0.6323	0.1296	0.8572	0.5291	0.0393	0.0066	0.6727	0.0479
1.9	0.8553	0.4002	0.9156	0.8166	0.2645	0.0081	0.8694	0.3037
2.0	0.8890	0.4545	0.9294	0.8863	0.3571	0.0014	0.8983	0.3738
2.1	0.8853	0.3288	0.8344	0.9044	0.4350	0.0135	0.9119	0.3509
2.2	0.8379	0.2301	0.7242	0.8264	0.4536	0.0074	0.7920	0.2366
2.3	0.4180	0.0213	0.3156	0.4000	0.4581	0.0035	0.3935	0.0233
2.4	0.2832	0.0594	0.4769	0.2839	0.3590	0.0151	0.2797	0.0613
2.5	0.4921	0.2869	0.7723	0.4994	0.5175	0.0383	0.4905	0.3482
2.6	0.7587	0.2457	0.9696	0.7567	0.5548	0.0097	0.7555	0.4185
2.7	0.9343	0.1294	0.9895	0.9403	0.4621	0.0028	0.9408	0.2039
2.8	0.9282	0.0695	0.9844	0.9288	0.1893	0.0155	0.9285	0.1775
2.9	0.8959	0.1594	0.9825	0.9215	0.0711	0.0094	0.9351	0.1984
3.0	0.8510	0.1650	0.9755	0.9081	0.0463	0.0248	0.9034	0.1840
3.1	0.8154	0.0950	0.9710	0.8618	0.0344	0.0203	0.8552	0.0619
3.2	0.8124	0.0982	0.9758	0.8197	0.1206	0.0063	0.8470	0.0226
3.3	0.8075	0.0210	0.9756	0.8018	0.1261	0.0959	0.8457	0.1251
3.4	0.6790	0.0151	0.9688	0.7148	0.0839	0.1067	0.7912	0.0293
3.5	0.5347	0.0493	0.9341	0.6339	0.0699	0.0335	0.6556	0.0157
3.6	0.4743	0.0423	0.9061	0.5777	0.0649	0.0874	0.5743	0.0233
3.7	0.7221	0.0688	0.9742	0.7434	0.0921	0.0230	0.7566	0.2287
3.8	0.9304	0.3213	0.9962	0.9360	0.0665	0.0086	0.9361	0.4115
3.9	0.9842	0.5384	0.9987	0.9872	0.3106	0.0521	0.9807	0.6433
4.0	0.9922	0.4935	0.9991	0.9918	0.3197	0.1136	0.9892	0.6183
4.1	0.9903	0.1245	0.9989	0.9868	0.1756	0.1339	0.9834	0.3508
4.2	0.9817	0.0753	0.9988	0.9767	0.0644	0.0495	0.9728	0.4281
4.3	0.9778	0.2519	0.9986	0.9664	0.0820	0.0631	0.9589	0.3524
4.4	0.9702	0.4022	0.9982	0.9434	0.2779	0.0836	0.9323	0.4920
4.5	0.9638	0.5275	0.9980	0.9186	0.4662	0.0868	0.9143	0.5732
4.6	0.9409	0.5327	0.9970	0.8789	0.5483	0.0449	0.8858	0.6061
4.7	0.8594	0.4833	0.9913	0.6497	0.4328	0.0659	0.6734	0.4537
4.8	0.9070	0.7324	0.9922	0.8398	0.7132	0.0273	0.7995	0.7849
4.9	0.9376	0.6298	0.9882	0.8582	0.6542	0.0157	0.8156	0.7046
5.0	0.9203	0.4462	0.9891	0.7108	0.4691	0.0627	0.6445	0.4666
5.1	0.9507	0.6427	0.9973	0.8812	0.6962	0.1019	0.8495	0.7106
5.2	0.9412	0.5356	0.9965	0.8670	0.6152	0.0885	0.8378	0.5932
5.3	0.8597	0.3650	0.9933	0.6901	0.2926	0.1059	0.6893	0.2258
5.4	0.5622	0.0408	0.9884	0.0570	0.0346	0.0671	0.0353	0.0024
5.5	0.8870	0.2172	0.9936	0.6535	0.0656	0.1213	0.5332	0.1476
5.6	0.9830	0.5961	0.9986	0.9339	0.4325	0.2218	0.9021	0.6041
5.7	0.9880	0.7389	0.9991	0.9517	0.7017	0.1927	0.9295	0.7949
5.8	0.9865	0.8442	0.9990	0.9519	0.8309	0.2802	0.9355	0.9241
5.9	0.9901	0.8383	0.9993	0.9746	0.8667	0.5182	0.9696	0.9279
6.0	0.9941	0.8562	0.9996	0.9884	0.9077	0.6249	0.9872	0.9475
6.1	0.9903	0.6694	0.9995	0.9862	0.8480	0.4969	0.9849	0.9133
6.2	0.9906	0.4669	0.9996	0.9863	0.8073	0.5123	0.9857	0.8899
6.3	0.9927	0.4869	0.9996	0.9903	0.8153	0.6314	0.9903	0.9228
6.4	0.9915	0.7167	0.9994	0.9878	0.7203	0.6728	0.9872	0.9002
6.5	0.9877	0.7987	0.9982	0.9849	0.3711	0.6783	0.9791	0.8592
6.6	0.9853	0.9114	0.9961	0.9791	0.3248	0.7088	0.9733	0.8383
6.7	0.9785	0.9170	0.9883	0.9724	0.4099	0.7313	0.9700	0.8971
6.8	0.9751	0.9462	0.9685	0.9711	0.7216	0.8079	0.9691	0.9203
6.9	0.9464	0.9121	0.8724	0.9460	0.7527	0.8442	0.9462	0.9322
7.0	0.9394	0.9080	0.8966	0.9382	0.8466	0.8675	0.9364	0.9060
7.1	0.9197	0.8853	0.9105	0.9164	0.8368	0.8674	0.9156	0.8342
7.2	0.9106	0.8930	0.9413	0.9059	0.8642	0.8157	0.9054	0.8796
7.3	0.9591	0.9471	0.9804	0.9552	0.9384	0.7742	0.9538	0.8854
7.4	0.9408	0.9452	0.9757	0.9397	0.9410	0.7811	0.9391	0.8956
7.5	0.9584	0.9753	0.9892	0.9542	0.9757	0.8113	0.9512	0.9204
7.6	0.9845	0.9918	0.9978	0.9817	0.9867	0.8075	0.9799	0.9631
7.7	0.9923	0.9932	0.9995	0.9862	0.9842	0.8020	0.9831	0.9604
7.8	0.9972	0.9951	0.9995	0.9920	0.9818	0.8211	0.9897	0.9408
7.9	0.9931	0.9956	0.9989	0.9864	0.9801	0.8895	0.9835	0.9254

8.0	0.9926	0.9956	0.9990	0.9871	0.9767	0.9124	0.9845	0.9135
8.1	0.9969	0.9941	0.9994	0.9930	0.9764	0.9416	0.9910	0.9458
8.2	0.9961	0.9945	0.9995	0.9908	0.9695	0.9560	0.9891	0.9090
8.3	0.9961	0.9939	0.9994	0.9902	0.9661	0.9590	0.9880	0.8605
8.4	0.9973	0.9925	0.9996	0.9926	0.9650	0.9755	0.9899	0.8260
8.5	0.9981	0.9932	0.9994	0.9943	0.9518	0.9825	0.9924	0.8267
8.6	0.9978	0.9920	0.9992	0.9950	0.9635	0.9841	0.9937	0.7869
8.7	0.9965	0.9912	0.9989	0.9946	0.9582	0.9836	0.9938	0.8071
8.8	0.9927	0.9884	0.9982	0.9910	0.9346	0.9775	0.9894	0.7835
8.9	0.9933	0.9858	0.9981	0.9930	0.9093	0.9759	0.9922	0.7854
9.0	0.9822	0.9826	0.9969	0.9801	0.8896	0.9640	0.9773	0.8154
9.1	0.9901	0.9757	0.9979	0.9883	0.9423	0.9767	0.9868	0.9295
9.2	0.9636	0.9726	0.9905	0.9642	0.9391	0.9433	0.9621	0.9137
9.3	0.9425	0.9699	0.9842	0.9423	0.9279	0.9330	0.9387	0.8993
9.4	0.9325	0.9673	0.9776	0.9319	0.9413	0.9337	0.9316	0.9243
9.5	0.9227	0.9722	0.9677	0.9190	0.9506	0.9367	0.9193	0.9430
9.6	0.9530	0.9782	0.9797	0.9501	0.9683	0.9618	0.9509	0.9686
9.7	0.9605	0.9804	0.9866	0.9596	0.9703	0.9668	0.9602	0.9677
9.8	0.9729	0.9836	0.9942	0.9682	0.9742	0.9792	0.9692	0.9741
9.9	0.9776	0.9795	0.9968	0.9714	0.9708	0.9869	0.9738	0.9702
10.0	0.9858	0.9782	0.9981	0.9806	0.9701	0.9908	0.9808	0.9647
10.1	0.9845	0.9794	0.9983	0.9765	0.9678	0.9885	0.9798	0.9570
10.2	0.9876	0.9813	0.9987	0.9775	0.9667	0.9934	0.9796	0.9611
10.3	0.9901	0.9798	0.9990	0.9719	0.9660	0.9906	0.9806	0.9644
10.4	0.9870	0.9704	0.9989	0.9606	0.9612	0.9829	0.9718	0.9547
10.5	0.9919	0.9882	0.9994	0.9738	0.9831	0.9837	0.9737	0.9823
10.6	0.9850	0.9856	0.9990	0.9628	0.9772	0.9721	0.9710	0.9767
10.7	0.9847	0.9887	0.9993	0.9701	0.9777	0.9643	0.9788	0.9783
10.8	0.9805	0.9898	0.9990	0.9449	0.9844	0.9430	0.9639	0.9826
10.9	0.9714	0.9901	0.9988	0.9211	0.9861	0.9315	0.9544	0.9829
11.0	0.9802	0.9946	0.9994	0.9173	0.9879	0.9404	0.9592	0.9861
11.1	0.9774	0.9958	0.9994	0.9112	0.9898	0.9452	0.9489	0.9881
11.2	0.9442	0.9945	0.9990	0.7600	0.9870	0.9171	0.9033	0.9840
11.3	0.9463	0.9950	0.9991	0.7192	0.9884	0.9195	0.9147	0.9859
11.4	0.9479	0.9957	0.9992	0.7396	0.9910	0.9539	0.9267	0.9889
11.5	0.9495	0.9965	0.9993	0.7606	0.9931	0.9668	0.8846	0.9911
11.6	0.9148	0.9961	0.9990	0.7514	0.9931	0.9558	0.8120	0.9916
11.7	0.9317	0.9968	0.9992	0.7969	0.9948	0.9738	0.7366	0.9933
11.8	0.9180	0.9968	0.9991	0.7852	0.9935	0.9728	0.7087	0.9921
11.9	0.9507	0.9979	0.9990	0.8586	0.9943	0.9586	0.7810	0.9935
12.0	0.9635	0.9976	0.9990	0.8797	0.9949	0.9380	0.7799	0.9940
12.1	0.9747	0.9978	0.9990	0.9225	0.9922	0.8904	0.8024	0.9916
12.2	0.9783	0.9978	0.9991	0.9451	0.9916	0.8628	0.8187	0.9902
12.3	0.9798	0.9972	0.9990	0.9519	0.9902	0.8278	0.8556	0.9890
12.4	0.9850	0.9962	0.9991	0.9578	0.9853	0.8255	0.8937	0.9850
12.5	0.9897	0.9969	0.9994	0.9675	0.9883	0.8682	0.9417	0.9881
12.6	0.9894	0.9945	0.9993	0.9657	0.9869	0.8513	0.9301	0.9869
12.7	0.9860	0.9923	0.9992	0.9640	0.9824	0.8316	0.9224	0.9806
12.8	0.9796	0.9881	0.9988	0.9623	0.9789	0.8668	0.9439	0.9781
12.9	0.9705	0.9896	0.9992	0.9523	0.9802	0.8819	0.9390	0.9795
13.0	0.9759	0.9931	0.9993	0.9658	0.9876	0.9008	0.9484	0.9867
13.1	0.9781	0.9962	0.9993	0.9703	0.9923	0.9220	0.9598	0.9922
13.2	0.9660	0.9962	0.9986	0.9583	0.9932	0.8974	0.9629	0.9928
13.3	0.9606	0.9971	0.9990	0.9584	0.9945	0.9086	0.9620	0.9948
13.4	0.9495	0.9986	0.9994	0.9520	0.9977	0.9047	0.9710	0.9976
13.5	0.8854	0.9978	0.9985	0.9323	0.9960	0.8402	0.9443	0.9963
13.6	0.8444	0.9975	0.9980	0.9142	0.9963	0.8130	0.9160	0.9969
13.7	0.8657	0.9972	0.9983	0.9249	0.9966	0.7728	0.8862	0.9968
13.8	0.8836	0.9978	0.9987	0.9321	0.9974	0.7757	0.8831	0.9972
13.9	0.8367	0.9977	0.9985	0.9127	0.9974	0.7724	0.8415	0.9975
14.0	0.7641	0.9966	0.9980	0.8826	0.9963	0.6910	0.8266	0.9967
14.1	0.7842	0.9968	0.9977	0.8791	0.9970	0.7462	0.8361	0.9975
14.2	0.7230	0.9965	0.9975	0.8662	0.9966	0.8247	0.7968	0.9970
14.3	0.7531	0.9956	0.9969	0.8910	0.9952	0.8445	0.8188	0.9962
14.4	0.8488	0.9958	0.9971	0.9212	0.9957	0.9113	0.8752	0.9967
14.5	0.8657	0.9941	0.9971	0.9260	0.9957	0.9550	0.9004	0.9966
14.6	0.8710	0.9916	0.9960	0.8993	0.9940	0.9532	0.8736	0.9955
14.7	0.9025	0.9893	0.9957	0.9277	0.9936	0.9375	0.8956	0.9949
14.8	0.9340	0.9915	0.9971	0.9130	0.9957	0.9610	0.9325	0.9959
14.9	0.9517	0.9907	0.9972	0.9163	0.9961	0.9727	0.9375	0.9956
15.0	0.9572	0.9907	0.9963	0.8868	0.9928	0.9763	0.9529	0.9901
15.1	0.9467	0.9883	0.9945	0.8960	0.9875	0.9818	0.9382	0.9834
15.2	0.9266	0.9858	0.9938	0.9279	0.9864	0.9882	0.8896	0.9826
15.3	0.9444	0.9847	0.9917	0.9614	0.9867	0.9862	0.8915	0.9858
15.4	0.9370	0.9838	0.9895	0.9721	0.9857	0.9826	0.8644	0.9865
15.5	0.9247	0.9683	0.9762	0.9477	0.9693	0.9589	0.6776	0.9717
15.6	0.9096	0.9752	0.9798	0.9655	0.9760	0.9709	0.2414	0.9776
15.7	0.9142	0.9582	0.9665	0.9436	0.9597	0.9539	0.0456	0.9621
15.8	0.9256	0.9529	0.9612	0.9434	0.9555	0.9554	0.6112	0.9564
15.9	0.9410	0.9668	0.9711	0.9607	0.9675	0.9695	0.8649	0.9667
16.0	0.9491	0.9705	0.9728	0.9686	0.9709	0.9734	0.9267	0.9689
16.1	0.9657	0.9834	0.9833	0.9826	0.9829	0.9854	0.9573	0.9814
16.2	0.9673	0.9895	0.9892	0.9914	0.9895	0.9915	0.9687	0.9880
16.3	0.9444	0.9889	0.9878	0.9910	0.9885	0.9890	0.9565	0.9867
16.4	0.8611	0.9904	0.9888	0.9925	0.9912	0.9897	0.9467	0.9903
16.5	0.6260	0.9949	0.9939	0.9938	0.9954	0.9936	0.9487	0.9949

16.6	0.5999	0.9962	0.9952	0.9911	0.9980	0.9962	0.9492	0.9974
16.7	0.7705	0.9935	0.9914	0.9813	0.9971	0.9931	0.9304	0.9958
16.8	0.9045	0.9933	0.9882	0.9787	0.9921	0.9941	0.9475	0.9885
16.9	0.9319	0.9954	0.9919	0.9701	0.9930	0.9866	0.9465	0.9889
17.0	0.9525	0.9944	0.9930	0.9737	0.9963	0.9875	0.9565	0.9940
17.1	0.9545	0.9928	0.9850	0.9653	0.9951	0.9796	0.9473	0.9934
17.2	0.9565	0.9976	0.9831	0.9468	0.9939	0.9866	0.9377	0.9915
17.3	0.9717	0.9959	0.9912	0.9434	0.9970	0.9915	0.9540	0.9955
17.4	0.9896	0.9952	0.9969	0.9727	0.9989	0.9959	0.9799	0.9983
17.5	0.9930	0.9970	0.9973	0.9854	0.9991	0.9970	0.9887	0.9982
17.6	0.9916	0.9976	0.9959	0.9846	0.9988	0.9966	0.9854	0.9976
17.7	0.9905	0.9963	0.9973	0.9867	0.9992	0.9955	0.9841	0.9983
17.8	0.9931	0.9951	0.9988	0.9920	0.9994	0.9957	0.9876	0.9989
17.9	0.9932	0.9945	0.9990	0.9951	0.9995	0.9947	0.9906	0.9991
18.0	0.9922	0.9943	0.9988	0.9961	0.9994	0.9905	0.9904	0.9986
18.1	0.9898	0.9945	0.9986	0.9957	0.9993	0.9892	0.9903	0.9983
18.2	0.9858	0.9930	0.9985	0.9944	0.9991	0.9783	0.9897	0.9979
18.3	0.9839	0.9919	0.9990	0.9936	0.9991	0.9744	0.9889	0.9980
18.4	0.9865	0.9960	0.9990	0.9926	0.9992	0.9765	0.9922	0.9980
18.5	0.9766	0.9898	0.9991	0.9654	0.9991	0.9344	0.9866	0.9944
18.6	0.9550	0.9639	0.9988	0.9486	0.9986	0.9066	0.9784	0.9949
18.7	0.9692	0.9568	0.9985	0.9747	0.9984	0.9620	0.9840	0.9971
18.8	0.9893	0.9747	0.9991	0.9961	0.9988	0.9889	0.9942	0.9974
18.9	0.9902	0.9820	0.9991	0.9970	0.9987	0.9934	0.9940	0.9971
19.0	0.9861	0.9439	0.9980	0.9961	0.9975	0.9921	0.9896	0.9939
19.1	0.9923	0.9498	0.9986	0.9974	0.9979	0.9946	0.9922	0.9940
19.2	0.9930	0.9524	0.9989	0.9969	0.9973	0.9938	0.9914	0.9915
19.3	0.9931	0.9377	0.9991	0.9967	0.9969	0.9930	0.9882	0.9899
19.4	0.9925	0.9214	0.9993	0.9966	0.9969	0.9911	0.9891	0.9878
19.5	0.9914	0.8840	0.9991	0.9967	0.9966	0.9850	0.9895	0.9833
19.6	0.9916	0.9082	0.9993	0.9974	0.9971	0.9830	0.9903	0.9805
19.7	0.9930	0.9117	0.9992	0.9969	0.9964	0.9804	0.9883	0.9792
19.8	0.9940	0.9120	0.9993	0.9967	0.9956	0.9742	0.9878	0.9632
19.9	0.9948	0.9448	0.9992	0.9971	0.9972	0.9683	0.9922	0.9544
20.0	0.9943	0.9393	0.9991	0.9952	0.9953	0.9600	0.9893	0.9310
20.1	0.9927	0.9427	0.9992	0.9956	0.9949	0.9568	0.9883	0.9120
20.2	0.9920	0.9464	0.9992	0.9957	0.9956	0.9737	0.9873	0.9193
20.3	0.9880	0.9554	0.9991	0.9957	0.9957	0.9808	0.9896	0.9154
20.4	0.9894	0.9505	0.9990	0.9947	0.9957	0.9872	0.9894	0.9442
20.5	0.9878	0.9654	0.9990	0.9941	0.9962	0.9923	0.9903	0.9545
20.6	0.9878	0.9713	0.9993	0.9935	0.9958	0.9954	0.9898	0.9719
20.7	0.9865	0.9714	0.9993	0.9931	0.9962	0.9957	0.9922	0.9715
20.8	0.9842	0.9771	0.9993	0.9934	0.9968	0.9940	0.9920	0.9761
20.9	0.9791	0.9796	0.9993	0.9939	0.9972	0.9918	0.9906	0.9805
21.0	0.9729	0.9783	0.9992	0.9926	0.9957	0.9894	0.9887	0.9804
21.1	0.9615	0.9729	0.9991	0.9898	0.9949	0.9812	0.9837	0.9798
21.2	0.9587	0.9764	0.9989	0.9900	0.9949	0.9799	0.9843	0.9854
21.3	0.9541	0.9772	0.9990	0.9909	0.9961	0.9813	0.9872	0.9889
21.4	0.9324	0.9716	0.9986	0.9881	0.9941	0.9782	0.9788	0.9857
21.5	0.9473	0.9738	0.9991	0.9888	0.9938	0.9863	0.9818	0.9900
21.6	0.9252	0.9714	0.9990	0.9903	0.9951	0.9866	0.9832	0.9913
21.7	0.9025	0.9669	0.9984	0.9872	0.9931	0.9873	0.9807	0.9899
21.8	0.9060	0.9632	0.9985	0.9872	0.9917	0.9890	0.9754	0.9907
21.9	0.9067	0.9618	0.9984	0.9874	0.9908	0.9895	0.9829	0.9888
22.0	0.9461	0.9735	0.9983	0.9906	0.9922	0.9931	0.9861	0.9925
22.1	0.9557	0.9771	0.9985	0.9924	0.9943	0.9941	0.9850	0.9943
22.2	0.9654	0.9775	0.9986	0.9919	0.9924	0.9946	0.9845	0.9933
22.3	0.9682	0.9735	0.9976	0.9884	0.9880	0.9947	0.9794	0.9905
22.4	0.9764	0.9789	0.9971	0.9881	0.9871	0.9947	0.9812	0.9886
22.5	0.9745	0.9772	0.9969	0.9852	0.9847	0.9938	0.9820	0.9881
22.6	0.9731	0.9781	0.9960	0.9838	0.9793	0.9918	0.9768	0.9755
22.7	0.9849	0.9885	0.9981	0.9903	0.9881	0.9920	0.9875	0.9842
22.8	0.9759	0.9845	0.9974	0.9854	0.9820	0.9885	0.9830	0.9758
22.9	0.9604	0.9855	0.9976	0.9862	0.9815	0.9841	0.9843	0.9657
23.0	0.9533	0.9892	0.9982	0.9890	0.9851	0.9825	0.9877	0.9642
23.1	0.9564	0.9910	0.9981	0.9873	0.9824	0.9847	0.9837	0.9524
23.2	0.9678	0.9952	0.9990	0.9929	0.9901	0.9873	0.9918	0.9544
23.3	0.9622	0.9956	0.9991	0.9946	0.9917	0.9891	0.9929	0.9504
23.4	0.9417	0.9941	0.9987	0.9918	0.9856	0.9879	0.9872	0.8882
23.5	0.9083	0.9948	0.9988	0.9920	0.9859	0.9893	0.9883	0.8109
23.6	0.9028	0.9971	0.9993	0.9965	0.9925	0.9936	0.9922	0.7509
23.7	0.9275	0.9974	0.9994	0.9967	0.9921	0.9955	0.9934	0.4789
23.8	0.9381	0.9981	0.9995	0.9975	0.9949	0.9972	0.9946	0.1130
23.9	0.9308	0.9977	0.9994	0.9976	0.9937	0.9973	0.9922	0.0155
24.0	0.9104	0.9979	0.9992	0.9965	0.9918	0.9955	0.9901	0.2734
24.1	0.8733	0.9975	0.9995	0.9962	0.9913	0.9935	0.9897	0.5255
24.2	0.8978	0.9985	0.9995	0.9977	0.9948	0.9929	0.9928	0.7750
24.3	0.9248	0.9986	0.9996	0.9979	0.9949	0.9930	0.9943	0.8526
24.4	0.8928	0.9979	0.9995	0.9967	0.9933	0.9890	0.9921	0.8734
24.5	0.8774	0.9983	0.9995	0.9970	0.9940	0.9867	0.9906	0.8962
24.6	0.8600	0.9977	0.9993	0.9959	0.9928	0.9853	0.9917	0.9031
24.7	0.9342	0.9986	0.9995	0.9973	0.9947	0.9881	0.9940	0.9376
24.8	0.9395	0.9985	0.9994	0.9965	0.9944	0.9872	0.9936	0.9355
24.9	0.9517	0.9985	0.9993	0.9964	0.9945	0.9906	0.9936	0.9389
25.0	0.9569	0.9987	0.9995	0.9975	0.9952	0.9920	0.9951	0.9569
25.1	0.9583	0.9987	0.9997	0.9981	0.9968	0.9928	0.9951	0.9659

25.2	0.9496	0.9983	0.9995	0.9968	0.9953	0.9939	0.9914	0.9640
25.3	0.9431	0.9982	0.9993	0.9969	0.9948	0.9959	0.9896	0.9549
25.4	0.9450	0.9983	0.9994	0.9969	0.9957	0.9973	0.9931	0.9495
25.5	0.9531	0.9980	0.9990	0.9966	0.9963	0.9973	0.9922	0.9529
25.6	0.9507	0.9976	0.9990	0.9951	0.9950	0.9964	0.9852	0.9584
25.7	0.9407	0.9962	0.9989	0.9952	0.9922	0.9955	0.9829	0.9593
25.8	0.9537	0.9972	0.9992	0.9961	0.9944	0.9960	0.9853	0.9695
25.9	0.9626	0.9951	0.9990	0.9970	0.9921	0.9954	0.9789	0.9775
26.0	0.9682	0.9951	0.9989	0.9973	0.9942	0.9935	0.9798	0.9789
26.1	0.9673	0.9940	0.9986	0.9965	0.9901	0.9905	0.9683	0.9750
26.2	0.9780	0.9942	0.9986	0.9967	0.9885	0.9907	0.9541	0.9800
26.3	0.9804	0.9935	0.9990	0.9976	0.9904	0.9918	0.9209	0.9871
26.4	0.9805	0.9900	0.9992	0.9979	0.9871	0.9941	0.9049	0.9917
26.5	0.9759	0.9865	0.9990	0.9978	0.9853	0.9932	0.9052	0.9894
26.6	0.9703	0.9861	0.9992	0.9975	0.9848	0.9950	0.9391	0.9906
26.7	0.9639	0.9849	0.9995	0.9982	0.9869	0.9970	0.9623	0.9944
26.8	0.9552	0.9801	0.9994	0.9974	0.9753	0.9969	0.9668	0.9924
26.9	0.9371	0.9566	0.9991	0.9962	0.9507	0.9963	0.9631	0.9915
27.0	0.9287	0.9542	0.9990	0.9962	0.9339	0.9949	0.9570	0.9898
27.1	0.9081	0.9663	0.9990	0.9973	0.8949	0.9955	0.9757	0.9926
27.2	0.9065	0.9785	0.9986	0.9971	0.8258	0.9956	0.9809	0.9932
27.3	0.8927	0.9804	0.9981	0.9962	0.4425	0.9932	0.9805	0.9911
27.4	0.9386	0.9885	0.9988	0.9972	0.0704	0.9904	0.9871	0.9927
27.5	0.9461	0.9910	0.9989	0.9972	0.5059	0.9901	0.9894	0.9942
27.6	0.9546	0.9893	0.9984	0.9960	0.7464	0.9834	0.9902	0.9947
27.7	0.9646	0.9912	0.9982	0.9959	0.8328	0.9814	0.9894	0.9939
27.8	0.9744	0.9946	0.9986	0.9976	0.9158	0.9875	0.9910	0.9949
27.9	0.9829	0.9955	0.9986	0.9978	0.9348	0.9872	0.9916	0.9942
28.0	0.9886	0.9971	0.9991	0.9982	0.9625	0.9908	0.9933	0.9960
28.1	0.9880	0.9967	0.9989	0.9980	0.9671	0.9899	0.9924	0.9964
28.2	0.9891	0.9975	0.9990	0.9970	0.9661	0.9879	0.9919	0.9960
28.3	0.9898	0.9972	0.9991	0.9963	0.9712	0.9845	0.9915	0.9958
28.4	0.9932	0.9975	0.9992	0.9977	0.9753	0.9853	0.9918	0.9964
28.5	0.9928	0.9983	0.9991	0.9982	0.9807	0.9823	0.9922	0.9966
28.6	0.9901	0.9978	0.9990	0.9984	0.9695	0.9797	0.9874	0.9944
28.7	0.9932	0.9979	0.9993	0.9990	0.9732	0.9893	0.9892	0.9947
28.8	0.9940	0.9986	0.9994	0.9989	0.9774	0.9905	0.9923	0.9958
28.9	0.9941	0.9986	0.9993	0.9983	0.9804	0.9874	0.9905	0.9961
29.0	0.9917	0.9980	0.9992	0.9983	0.9766	0.9854	0.9892	0.9959
29.1	0.9931	0.9980	0.9993	0.9985	0.9806	0.9883	0.9916	0.9965
29.2	0.9942	0.9985	0.9995	0.9989	0.9834	0.9911	0.9931	0.9978
29.3	0.9949	0.9987	0.9996	0.9989	0.9851	0.9934	0.9937	0.9974
29.4	0.9934	0.9986	0.9992	0.9979	0.9783	0.9941	0.9903	0.9951
29.5	0.9906	0.9978	0.9993	0.9976	0.9725	0.9942	0.9880	0.9947
29.6	0.9932	0.9984	0.9994	0.9983	0.9724	0.9944	0.9886	0.9958
29.7	0.9927	0.9980	0.9992	0.9978	0.9620	0.9939	0.9882	0.9951
29.8	0.9929	0.9976	0.9994	0.9982	0.9615	0.9922	0.9871	0.9952
29.9	0.9896	0.9944	0.9991	0.9973	0.9467	0.9893	0.9836	0.9941
30.0	0.9865	0.9947	0.9990	0.9966	0.9234	0.9861	0.9813	0.9932
30.1	0.9889	0.9972	0.9990	0.9969	0.9095	0.9847	0.9825	0.9926
30.2	0.9850	0.9964	0.9990	0.9956	0.8903	0.9848	0.9824	0.9917
30.3	0.9836	0.9955	0.9990	0.9964	0.9221	0.9834	0.9838	0.9924
30.4	0.9885	0.9971	0.9993	0.9977	0.9417	0.9888	0.9857	0.9934
30.5	0.9864	0.9979	0.9994	0.9968	0.9451	0.9883	0.9813	0.9918
30.6	0.9799	0.9972	0.9993	0.9950	0.9367	0.9871	0.9808	0.9888
30.7	0.9743	0.9966	0.9994	0.9946	0.9234	0.9875	0.9800	0.9876
30.8	0.9676	0.9966	0.9993	0.9948	0.9250	0.9881	0.9789	0.9880
30.9	0.9614	0.9960	0.9992	0.9953	0.9327	0.9878	0.9773	0.9893
31.0	0.9640	0.9956	0.9992	0.9936	0.9078	0.9886	0.9634	0.9829
31.1	0.9564	0.9956	0.9990	0.9894	0.8498	0.9882	0.9436	0.9728
31.2	0.9464	0.9956	0.9992	0.9882	0.8556	0.9858	0.9471	0.9725
31.3	0.9400	0.9959	0.9991	0.9909	0.9126	0.9842	0.9494	0.9769
31.4	0.9358	0.9955	0.9988	0.9865	0.9021	0.9780	0.9425	0.9706
31.5	0.9265	0.9957	0.9987	0.9887	0.8954	0.9799	0.9397	0.9729
31.6	0.9226	0.9963	0.9990	0.9882	0.9208	0.9825	0.9409	0.9725
31.7	0.9298	0.9958	0.9988	0.9813	0.9139	0.9792	0.9305	0.9614
31.8	0.9185	0.9953	0.9988	0.9849	0.9442	0.9680	0.9388	0.9696
31.9	0.8738	0.9924	0.9982	0.9662	0.9221	0.9599	0.9079	0.9470
32.0	0.8664	0.9952	0.9987	0.9568	0.9254	0.9666	0.9118	0.9422
32.1	0.8864	0.9946	0.9987	0.9331	0.9170	0.9711	0.8627	0.9133
32.2	0.8753	0.9917	0.9986	0.9126	0.9227	0.9722	0.8446	0.8975
32.3	0.8800	0.9936	0.9985	0.9155	0.9408	0.9779	0.8753	0.9084
32.4	0.9010	0.9947	0.9987	0.9161	0.9587	0.9818	0.8834	0.9135
32.5	0.9086	0.9939	0.9987	0.8908	0.9617	0.9802	0.8652	0.8910
32.6	0.9008	0.9946	0.9991	0.8438	0.9650	0.9823	0.8305	0.8573
32.7	0.9006	0.9934	0.9991	0.8453	0.9654	0.9832	0.8474	0.8594
32.8	0.8742	0.9922	0.9988	0.8140	0.9622	0.9659	0.8517	0.8475
32.9	0.9149	0.9945	0.9991	0.8571	0.9778	0.9741	0.8827	0.8811
33.0	0.9365	0.9955	0.9993	0.8849	0.9821	0.9760	0.8910	0.8922
33.1	0.9525	0.9944	0.9994	0.8593	0.9801	0.9747	0.8789	0.8651
33.2	0.9724	0.9953	0.9993	0.8136	0.9839	0.9741	0.8987	0.8662
33.3	0.9781	0.9931	0.9992	0.7418	0.9812	0.9743	0.9031	0.8377
33.4	0.9833	0.9951	0.9993	0.7824	0.9842	0.9667	0.9165	0.8491
33.5	0.9824	0.9950	0.9991	0.7739	0.9840	0.9535	0.8893	0.7788
33.6	0.9676	0.9929	0.9990	0.7912	0.9845	0.9479	0.8505	0.6535
33.7	0.9775	0.9938	0.9991	0.8643	0.9829	0.9614	0.8532	0.5982

33.8	0.9830	0.9936	0.9990	0.8880	0.9872	0.9713	0.8501	0.4346
33.9	0.9829	0.9950	0.9987	0.9063	0.9877	0.9747	0.8278	0.1825
34.0	0.9879	0.9954	0.9988	0.9255	0.9897	0.9840	0.7844	0.0151
34.1	0.9897	0.9960	0.9989	0.9479	0.9913	0.9888	0.7644	0.0351
34.2	0.9868	0.9947	0.9989	0.9646	0.9914	0.9906	0.7714	0.3306
34.3	0.9854	0.9922	0.9988	0.9681	0.9874	0.9895	0.7799	0.3852
34.4	0.9893	0.9951	0.9990	0.9717	0.9895	0.9922	0.8420	0.3583
34.5	0.9875	0.9954	0.9988	0.9743	0.9878	0.9891	0.8707	0.3908
34.6	0.9890	0.9961	0.9992	0.9794	0.9910	0.9880	0.9152	0.4997
34.7	0.9886	0.9943	0.9991	0.9757	0.9868	0.9812	0.9322	0.5236
34.8	0.9914	0.9960	0.9991	0.9757	0.9902	0.9840	0.9489	0.5926
34.9	0.9935	0.9972	0.9991	0.9879	0.9917	0.9869	0.9605	0.7864
35.0	0.9930	0.9976	0.9993	0.9892	0.9937	0.9872	0.9700	0.9093
35.1	0.9870	0.9958	0.9990	0.9789	0.9883	0.9740	0.9383	0.8573
35.2	0.9882	0.9963	0.9992	0.9805	0.9864	0.9683	0.9141	0.8902
35.3	0.9859	0.9957	0.9990	0.9869	0.9878	0.9678	0.9014	0.9352
35.4	0.9838	0.9956	0.9992	0.9870	0.9910	0.9779	0.8856	0.9568
35.5	0.9804	0.9954	0.9993	0.9826	0.9905	0.9790	0.8618	0.9621
35.6	0.9789	0.9953	0.9990	0.9834	0.9861	0.9714	0.8259	0.9694
35.7	0.9831	0.9969	0.9991	0.9843	0.9894	0.9637	0.7536	0.9643
35.8	0.9847	0.9972	0.9994	0.9884	0.9919	0.9666	0.6011	0.9727
35.9	0.9733	0.9952	0.9990	0.9772	0.9863	0.9099	0.4755	0.9528
36.0	0.9871	0.9962	0.9993	0.9906	0.9880	0.9426	0.7872	0.9746
36.1	0.9885	0.9962	0.9992	0.9905	0.9891	0.8887	0.8650	0.9737
36.2	0.9888	0.9952	0.9992	0.9899	0.9884	0.7717	0.9028	0.9655
36.3	0.9907	0.9944	0.9990	0.9866	0.9848	0.6459	0.9312	0.9554
36.4	0.9911	0.9942	0.9991	0.9837	0.9797	0.6436	0.9511	0.9387
36.5	0.9903	0.9949	0.9991	0.9860	0.9834	0.6433	0.9589	0.9426
36.6	0.9927	0.9953	0.9994	0.9887	0.9851	0.7202	0.9689	0.9443
36.7	0.9944	0.9958	0.9994	0.9896	0.9861	0.7479	0.9784	0.9511
36.8	0.9944	0.9938	0.9992	0.9894	0.9842	0.7697	0.9766	0.9484
36.9	0.9931	0.9925	0.9992	0.9851	0.9841	0.8081	0.9767	0.9365
37.0	0.9921	0.9918	0.9991	0.9845	0.9763	0.8032	0.9745	0.9270
37.1	0.9933	0.9917	0.9990	0.9856	0.9758	0.8584	0.9777	0.9104
37.2	0.9946	0.9921	0.9992	0.9877	0.9768	0.8990	0.9820	0.9205
37.3	0.9932	0.9910	0.9992	0.9844	0.9715	0.8730	0.9789	0.9180
37.4	0.9932	0.9908	0.9993	0.9850	0.9697	0.8958	0.9846	0.9331
37.5	0.9916	0.9900	0.9994	0.9831	0.9617	0.9123	0.9825	0.9274
37.6	0.9935	0.9899	0.9995	0.9865	0.9639	0.9322	0.9855	0.9391
37.7	0.9931	0.9861	0.9995	0.9864	0.9646	0.9004	0.9852	0.9423
37.8	0.9907	0.9833	0.9993	0.9844	0.9546	0.8436	0.9848	0.9458
37.9	0.9895	0.9850	0.9992	0.9818	0.9479	0.8300	0.9819	0.9470
38.0	0.9930	0.9815	0.9992	0.9885	0.9537	0.8468	0.9874	0.9545
38.1	0.9912	0.9810	0.9990	0.9853	0.9430	0.8467	0.9849	0.9583
38.2	0.9936	0.9725	0.9993	0.9857	0.9271	0.8703	0.9892	0.9479
38.3	0.9934	0.9681	0.9994	0.9861	0.9247	0.8634	0.9887	0.9460
38.4	0.9938	0.9708	0.9993	0.9837	0.9000	0.8980	0.9888	0.9522
38.5	0.9928	0.9734	0.9994	0.9834	0.8930	0.8789	0.9887	0.9525
38.6	0.9943	0.9765	0.9995	0.9877	0.9055	0.8535	0.9895	0.9581
38.7	0.9911	0.9651	0.9991	0.9806	0.8741	0.7674	0.9820	0.9409
38.8	0.9900	0.9607	0.9991	0.9789	0.8642	0.8094	0.9796	0.9416
38.9	0.9931	0.9696	0.9993	0.9850	0.8907	0.7988	0.9887	0.9397
39.0	0.9936	0.9725	0.9993	0.9861	0.8901	0.7904	0.9894	0.9396
39.1	0.9930	0.9695	0.9991	0.9845	0.8819	0.7127	0.9862	0.9336
39.2	0.9932	0.9710	0.9992	0.9878	0.8858	0.7110	0.9882	0.9264
39.3	0.9933	0.9744	0.9992	0.9884	0.9047	0.7470	0.9895	0.9431
39.4	0.9930	0.9715	0.9993	0.9873	0.9040	0.7421	0.9857	0.9309
39.5	0.9936	0.9754	0.9993	0.9871	0.9260	0.7526	0.9866	0.9261
39.6	0.9921	0.9691	0.9992	0.9832	0.9179	0.7523	0.9824	0.8992
39.7	0.9924	0.9702	0.9991	0.9842	0.9087	0.7086	0.9846	0.8553
39.8	0.9934	0.9819	0.9992	0.9863	0.9271	0.6721	0.9841	0.8903
39.9	0.9940	0.9784	0.9991	0.9866	0.9191	0.7062	0.9811	0.8845
40.0	0.9914	0.9779	0.9990	0.9796	0.9160	0.7270	0.9783	0.8223
40.1	0.9911	0.9704	0.9989	0.9816	0.9229	0.7542	0.9801	0.7921
40.2	0.9923	0.9775	0.9991	0.9842	0.9456	0.8101	0.9807	0.8495
40.3	0.9942	0.9767	0.9991	0.9864	0.9406	0.8333	0.9816	0.8497
40.4	0.9943	0.9756	0.9992	0.9865	0.9216	0.8396	0.9803	0.7890
40.5	0.9935	0.9688	0.9991	0.9842	0.9050	0.7805	0.9762	0.6750
40.6	0.9909	0.9571	0.9990	0.9779	0.9022	0.7538	0.9681	0.4964
40.7	0.9929	0.9481	0.9991	0.9811	0.8971	0.7426	0.9670	0.6450
40.8	0.9917	0.9523	0.9989	0.9776	0.8691	0.7186	0.9615	0.6684
40.9	0.9917	0.9319	0.9991	0.9816	0.8749	0.7596	0.9660	0.6899
41.0	0.9927	0.9115	0.9991	0.9816	0.8813	0.7270	0.9629	0.7514
41.1	0.9913	0.8176	0.9990	0.9844	0.8729	0.6604	0.9630	0.7169
41.2	0.9927	0.7437	0.9991	0.9805	0.8589	0.6425	0.9509	0.7384
41.3	0.9888	0.4961	0.9990	0.9737	0.8296	0.7151	0.9455	0.7277
41.4	0.9887	0.4969	0.9990	0.9744	0.8086	0.6797	0.9387	0.7511
41.5	0.9849	0.1750	0.9990	0.9728	0.8401	0.6792	0.9308	0.5908
41.6	0.9675	0.0543	0.9988	0.9546	0.7869	0.6545	0.8977	0.1695
41.7	0.9738	0.0470	0.9989	0.9644	0.8073	0.6757	0.9070	0.1944
41.8	0.9833	0.1790	0.9988	0.9694	0.7988	0.6953	0.9078	0.4681
41.9	0.9894	0.5126	0.9992	0.9803	0.8227	0.7530	0.9296	0.5883
42.0	0.9805	0.6543	0.9990	0.9766	0.7722	0.7646	0.9236	0.5566
42.1	0.9673	0.5695	0.9986	0.9615	0.5888	0.6587	0.8715	0.4509
42.2	0.9741	0.6591	0.9990	0.9703	0.6755	0.7188	0.8930	0.4381
42.3	0.9765	0.6624	0.9988	0.9717	0.7058	0.7194	0.8892	0.4578

42.4	0.9817	0.6170	0.9986	0.9793	0.6835	0.7051	0.8876	0.5065
42.5	0.9638	0.7269	0.9985	0.9775	0.6990	0.6892	0.8767	0.5481
42.6	0.9655	0.7468	0.9987	0.9748	0.7640	0.7085	0.8858	0.5834
42.7	0.9618	0.7820	0.9985	0.9723	0.6837	0.7349	0.8661	0.4263
42.8	0.9558	0.6883	0.9986	0.9655	0.6228	0.6511	0.8150	0.3051
42.9	0.9435	0.6659	0.9982	0.9607	0.5281	0.6641	0.7988	0.2887
43.0	0.9520	0.7518	0.9983	0.9804	0.4660	0.7315	0.8306	0.3247
43.1	0.9519	0.7869	0.9984	0.9808	0.5495	0.7533	0.8266	0.4214
43.2	0.9666	0.8045	0.9988	0.9841	0.6281	0.8122	0.8655	0.4662
43.3	0.9616	0.7921	0.9988	0.9831	0.6506	0.8417	0.8874	0.5419
43.4	0.9463	0.7936	0.9992	0.9745	0.6097	0.8886	0.9073	0.6690
43.5	0.9571	0.8091	0.9991	0.9797	0.7279	0.9037	0.9268	0.7303
43.6	0.9478	0.8284	0.9982	0.9734	0.7082	0.8387	0.8927	0.6928
43.7	0.9418	0.8955	0.9983	0.9714	0.6631	0.8133	0.8595	0.6349
43.8	0.9378	0.8674	0.9985	0.9736	0.6229	0.8518	0.8579	0.5983
43.9	0.9514	0.9110	0.9989	0.9787	0.6391	0.9143	0.8774	0.6383
44.0	0.9543	0.8374	0.9988	0.9750	0.5557	0.8938	0.8397	0.5634
44.1	0.9391	0.7297	0.9986	0.9718	0.5480	0.8690	0.8134	0.5818
44.2	0.9398	0.5854	0.9989	0.9717	0.6373	0.8758	0.8199	0.6601
44.3	0.9404	0.7260	0.9986	0.9722	0.6321	0.8654	0.8026	0.5789
44.4	0.9640	0.8883	0.9991	0.9740	0.7325	0.8268	0.8535	0.6785
44.5	0.9609	0.8685	0.9990	0.9637	0.6875	0.7195	0.8069	0.6440
44.6	0.9616	0.8424	0.9989	0.9721	0.6844	0.8256	0.8254	0.6368
44.7	0.9607	0.8514	0.9990	0.9755	0.7476	0.8829	0.8706	0.7084
44.8	0.9528	0.8153	0.9991	0.9667	0.6590	0.8765	0.8213	0.5551
44.9	0.9466	0.7059	0.9989	0.9655	0.6289	0.8668	0.7878	0.5458
45.0	0.9538	0.7578	0.9989	0.9673	0.6792	0.8772	0.8052	0.6274
45.1	0.9612	0.8164	0.9989	0.9700	0.6519	0.8675	0.7985	0.6092
45.2	0.9640	0.8030	0.9989	0.9677	0.5233	0.7759	0.7213	0.5058
45.3	0.9758	0.8342	0.9990	0.9711	0.6239	0.8168	0.7871	0.6369
45.4	0.9693	0.8528	0.9994	0.9769	0.6716	0.8381	0.8111	0.6724
45.5	0.9570	0.8400	0.9993	0.9667	0.6288	0.8116	0.7863	0.6463
45.6	0.9587	0.7832	0.9992	0.9609	0.6746	0.8230	0.8121	0.6832
45.7	0.9691	0.8263	0.9990	0.9704	0.7145	0.8623	0.8488	0.7218
45.8	0.9755	0.8862	0.9992	0.9785	0.7270	0.9037	0.8662	0.7537
45.9	0.9725	0.8795	0.9993	0.9794	0.7048	0.9096	0.8616	0.7574
46.0	0.9806	0.9360	0.9994	0.9880	0.8126	0.9387	0.9221	0.8706
46.1	0.9771	0.9142	0.9992	0.9858	0.7913	0.9389	0.9141	0.8318
46.2	0.9740	0.9148	0.9991	0.9883	0.7838	0.9497	0.9111	0.8213
46.3	0.9738	0.9116	0.9993	0.9915	0.8013	0.9611	0.9216	0.8408
46.4	0.9676	0.9225	0.9991	0.9890	0.8079	0.9345	0.9203	0.8441
46.5	0.9736	0.9528	0.9991	0.9885	0.8507	0.9388	0.9426	0.8826
46.6	0.9762	0.9583	0.9991	0.9886	0.8460	0.9495	0.9472	0.8910
46.7	0.9801	0.9566	0.9994	0.9900	0.8665	0.9593	0.9560	0.9072
46.8	0.9750	0.9576	0.9993	0.9898	0.8675	0.9441	0.9566	0.9092
46.9	0.9830	0.9726	0.9995	0.9917	0.9097	0.9604	0.9694	0.9370
47.0	0.9828	0.9765	0.9994	0.9909	0.9271	0.9654	0.9748	0.9445
47.1	0.9717	0.9762	0.9995	0.9887	0.9133	0.9676	0.9666	0.9395
47.2	0.9639	0.9744	0.9994	0.9894	0.8830	0.9610	0.9613	0.9241
47.3	0.9478	0.9595	0.9990	0.9871	0.8276	0.9323	0.9440	0.8787
47.4	0.9510	0.9711	0.9991	0.9870	0.8395	0.9454	0.9524	0.8976
47.5	0.9673	0.9791	0.9993	0.9901	0.8949	0.9626	0.9672	0.9296
47.6	0.9534	0.9694	0.9992	0.9852	0.8602	0.9564	0.9538	0.8970
47.7	0.9563	0.9785	0.9990	0.9863	0.8613	0.9533	0.9591	0.9021
47.8	0.9676	0.9893	0.9993	0.9900	0.9048	0.9605	0.9743	0.9355
47.9	0.9612	0.9879	0.9991	0.9887	0.9219	0.9697	0.9755	0.9481
48.0	0.9552	0.9830	0.9992	0.9859	0.8803	0.9602	0.9633	0.9235
48.1	0.9675	0.9856	0.9994	0.9864	0.8725	0.9453	0.9657	0.9234
48.2	0.9665	0.9885	0.9994	0.9897	0.8845	0.9668	0.9730	0.9242
48.3	0.9696	0.9879	0.9993	0.9911	0.8788	0.9743	0.9748	0.9186
48.4	0.9634	0.9846	0.9993	0.9894	0.8946	0.9607	0.9788	0.9290
48.5	0.9480	0.9835	0.9994	0.9888	0.8779	0.9497	0.9729	0.9107
48.6	0.9580	0.9837	0.9995	0.9899	0.8822	0.9514	0.9777	0.9248
48.7	0.9387	0.9801	0.9994	0.9888	0.8670	0.9608	0.9720	0.9084
48.8	0.9237	0.9746	0.9993	0.9884	0.8271	0.9611	0.9709	0.8687
48.9	0.9388	0.9676	0.9992	0.9890	0.8232	0.9451	0.9685	0.8956
49.0	0.9460	0.9639	0.9992	0.9856	0.8400	0.9331	0.9721	0.9157
49.1	0.9536	0.9702	0.9992	0.9861	0.8861	0.9363	0.9785	0.9317
49.2	0.9563	0.9702	0.9992	0.9867	0.9017	0.9536	0.9800	0.9400
49.3	0.9440	0.9708	0.9992	0.9858	0.8765	0.9653	0.9769	0.9344
49.4	0.9363	0.9752	0.9991	0.9880	0.9000	0.9664	0.9809	0.9465
49.5	0.9419	0.9786	0.9992	0.9874	0.9089	0.9650	0.9845	0.9648
49.6	0.9477	0.9736	0.9992	0.9837	0.9068	0.9467	0.9837	0.9686
49.7	0.9373	0.9750	0.9993	0.9876	0.8887	0.9500	0.9816	0.9573
49.8	0.9001	0.9700	0.9989	0.9788	0.8536	0.9461	0.9770	0.9447
49.9	0.8921	0.9712	0.9990	0.9794	0.8593	0.9592	0.9766	0.9479
50.0	0.9040	0.9667	0.9991	0.9774	0.8192	0.9514	0.9711	0.9375
50.1	0.9333	0.9794	0.9994	0.9854	0.8897	0.9604	0.9846	0.9578
50.2	0.9305	0.9644	0.9991	0.9824	0.8493	0.9446	0.9821	0.9087
50.3	0.9328	0.9623	0.9992	0.9833	0.8175	0.9411	0.9829	0.9244
50.4	0.9265	0.9758	0.9994	0.9833	0.8564	0.9516	0.9866	0.9600
50.5	0.9330	0.9732	0.9993	0.9825	0.8580	0.9588	0.9858	0.9631
50.6	0.9424	0.9628	0.9991	0.9854	0.8461	0.9550	0.9855	0.9632
50.7	0.9380	0.9673	0.9991	0.9822	0.8245	0.9485	0.9842	0.9532
50.8	0.9284	0.9742	0.9990	0.9818	0.7920	0.9467	0.9845	0.9537
50.9	0.8930	0.9698	0.9989	0.9792	0.7591	0.9364	0.9799	0.9141

51.0	0.9212	0.9816	0.9991	0.9853	0.8396	0.9550	0.9852	0.9533
51.1	0.9346	0.9792	0.9994	0.9886	0.8645	0.9716	0.9890	0.9747
51.2	0.9114	0.9773	0.9993	0.9835	0.8450	0.9724	0.9857	0.9708
51.3	0.9355	0.9778	0.9991	0.9848	0.8034	0.9664	0.9869	0.9720
51.4	0.9232	0.9737	0.9990	0.9807	0.7676	0.9589	0.9860	0.9614
51.5	0.9309	0.9752	0.9989	0.9845	0.7776	0.9645	0.9883	0.9459
51.6	0.9081	0.9553	0.9988	0.9803	0.7201	0.9652	0.9858	0.9116
51.7	0.8841	0.9471	0.9987	0.9800	0.6804	0.9644	0.9850	0.9246
51.8	0.8958	0.9550	0.9992	0.9842	0.7281	0.9700	0.9887	0.9484
51.9	0.9164	0.9574	0.9994	0.9874	0.7386	0.9680	0.9920	0.9587
52.0	0.9185	0.9533	0.9992	0.9858	0.7436	0.9559	0.9926	0.9336
52.1	0.8925	0.9359	0.9991	0.9824	0.7373	0.9616	0.9910	0.8550
52.2	0.8924	0.9509	0.9992	0.9858	0.7792	0.9702	0.9939	0.8316
52.3	0.8900	0.9602	0.9993	0.9872	0.8124	0.9761	0.9947	0.8333
52.4	0.8751	0.9558	0.9991	0.9839	0.7994	0.9761	0.9936	0.8414
52.5	0.8362	0.9519	0.9990	0.9758	0.7782	0.9769	0.9918	0.8041
52.6	0.8499	0.9647	0.9994	0.9809	0.8477	0.9831	0.9938	0.9259
52.7	0.9004	0.9682	0.9993	0.9842	0.8800	0.9825	0.9941	0.9560
52.8	0.8552	0.9294	0.9991	0.9801	0.8226	0.9828	0.9915	0.9118
52.9	0.8420	0.9151	0.9988	0.9726	0.7662	0.9801	0.9899	0.8770
53.0	0.8510	0.9264	0.9990	0.9776	0.7541	0.9785	0.9926	0.8969
53.1	0.7810	0.9355	0.9990	0.9761	0.7483	0.9822	0.9924	0.8877
53.2	0.6682	0.8917	0.9990	0.9734	0.7690	0.9799	0.9935	0.8283
53.3	0.7257	0.8780	0.9990	0.9790	0.8157	0.9848	0.9943	0.8031
53.4	0.6761	0.8405	0.9988	0.9710	0.7752	0.9765	0.9914	0.7740
53.5	0.7348	0.8970	0.9989	0.9674	0.7870	0.9715	0.9932	0.8271
53.6	0.8181	0.9252	0.9992	0.9712	0.7291	0.9733	0.9935	0.8407
53.7	0.7699	0.9041	0.9992	0.9657	0.5489	0.9724	0.9924	0.7787
53.8	0.8154	0.8964	0.9993	0.9772	0.7217	0.9711	0.9949	0.7630
53.9	0.8364	0.8859	0.9993	0.9750	0.7388	0.9710	0.9926	0.6769
54.0	0.8659	0.8656	0.9992	0.9738	0.7724	0.9687	0.9907	0.6973
54.1	0.8754	0.8755	0.9990	0.9792	0.8093	0.9629	0.9928	0.8454
54.2	0.8649	0.8374	0.9987	0.9733	0.7695	0.9614	0.9923	0.8462
54.3	0.9061	0.8624	0.9987	0.9843	0.7987	0.9744	0.9944	0.8706
54.4	0.8706	0.7708	0.9984	0.9790	0.7431	0.9602	0.9925	0.8135
54.5	0.8908	0.7650	0.9986	0.9783	0.7609	0.9569	0.9903	0.8380
54.6	0.8685	0.7861	0.9983	0.9762	0.6622	0.9383	0.9893	0.8097
54.7	0.9162	0.8722	0.9992	0.9856	0.7650	0.9502	0.9952	0.8869
54.8	0.9224	0.8788	0.9994	0.9846	0.7554	0.9549	0.9949	0.8867
54.9	0.9102	0.8491	0.9994	0.9804	0.7088	0.9548	0.9938	0.8609
55.0	0.9077	0.8814	0.9994	0.9776	0.7754	0.9614	0.9934	0.8874
55.1	0.9073	0.8733	0.9993	0.9805	0.7138	0.9463	0.9949	0.8768
55.2	0.9108	0.8558	0.9991	0.9771	0.6009	0.9310	0.9944	0.8492
55.3	0.9064	0.8529	0.9990	0.9672	0.6670	0.9214	0.9928	0.8666
55.4	0.9074	0.8639	0.9992	0.9694	0.6169	0.9302	0.9926	0.8790
55.5	0.9319	0.9083	0.9993	0.9756	0.6416	0.9294	0.9934	0.9021
55.6	0.9437	0.9246	0.9993	0.9781	0.7440	0.9432	0.9946	0.9229
55.7	0.9419	0.8846	0.9993	0.9706	0.6098	0.9377	0.9928	0.8783
55.8	0.9390	0.8961	0.9995	0.9720	0.6181	0.9362	0.9927	0.9105
55.9	0.9390	0.8789	0.9994	0.9753	0.4173	0.9573	0.9930	0.8832
56.0	0.9520	0.8587	0.9992	0.9765	0.2518	0.9548	0.9939	0.8324
56.1	0.9256	0.7714	0.9991	0.9775	0.2055	0.9461	0.9919	0.8094
56.2	0.9430	0.7307	0.9993	0.9736	0.2854	0.9539	0.9927	0.8302
56.3	0.9413	0.7005	0.9994	0.9789	0.2822	0.9447	0.9942	0.8381
56.4	0.9464	0.7314	0.9994	0.9849	0.2695	0.9471	0.9949	0.8382
56.5	0.9426	0.7495	0.9994	0.9846	0.2537	0.9475	0.9928	0.8332
56.6	0.9103	0.7772	0.9994	0.9798	0.1368	0.9391	0.9915	0.7980
56.7	0.9164	0.8075	0.9992	0.9807	0.1323	0.9414	0.9924	0.7824
56.8	0.9185	0.7685	0.9989	0.9754	0.0846	0.9450	0.9917	0.7625
56.9	0.8811	0.7913	0.9992	0.9699	0.0879	0.9586	0.9934	0.8044
57.0	0.8599	0.7997	0.9992	0.9697	0.0555	0.9450	0.9945	0.7819
57.1	0.8561	0.8036	0.9990	0.9698	0.2038	0.9467	0.9947	0.8088
57.2	0.8597	0.8017	0.9990	0.9771	0.2300	0.9503	0.9952	0.8149
57.3	0.8497	0.7843	0.9990	0.9779	0.2099	0.9446	0.9940	0.7982
57.4	0.8078	0.7802	0.9989	0.9645	0.1295	0.9411	0.9926	0.8121
57.5	0.7447	0.8050	0.9990	0.9593	0.2222	0.9473	0.9925	0.7857
57.6	0.6846	0.6956	0.9990	0.9463	0.1996	0.9269	0.9906	0.7452
57.7	0.7091	0.6769	0.9988	0.9559	0.2838	0.9086	0.9894	0.7658
57.8	0.7069	0.7643	0.9989	0.9650	0.2967	0.9089	0.9894	0.7537
57.9	0.6735	0.6698	0.9987	0.9474	0.2011	0.8862	0.9826	0.5618
58.0	0.6889	0.6730	0.9990	0.9498	0.2788	0.9125	0.9887	0.7024
58.1	0.6444	0.7008	0.9990	0.9625	0.4690	0.9279	0.9902	0.7647
58.2	0.5731	0.7549	0.9987	0.9560	0.5217	0.9257	0.9840	0.7889
58.3	0.5130	0.7801	0.9986	0.9510	0.3803	0.9245	0.9798	0.7316
58.4	0.6912	0.8358	0.9991	0.9622	0.5238	0.9249	0.9851	0.7468
58.5	0.6940	0.8334	0.9990	0.9634	0.6657	0.9144	0.9808	0.7486
58.6	0.4917	0.8377	0.9985	0.9646	0.6924	0.8954	0.9785	0.7155
58.7	0.3124	0.8475	0.9987	0.9651	0.7027	0.9004	0.9744	0.6887
58.8	0.2660	0.8579	0.9988	0.9586	0.6787	0.8991	0.9771	0.6906
58.9	0.3440	0.8772	0.9986	0.9568	0.7379	0.9029	0.9743	0.6771
59.0	0.1835	0.7754	0.9984	0.9568	0.7104	0.8888	0.9685	0.6861
59.1	0.2043	0.8622	0.9987	0.9698	0.7887	0.9095	0.9734	0.6525
59.2	0.2373	0.9322	0.9989	0.9777	0.8493	0.9129	0.9826	0.7547
59.3	0.2743	0.9362	0.9988	0.9807	0.8724	0.9336	0.9863	0.7706
59.4	0.2817	0.9382	0.9984	0.9801	0.8926	0.9406	0.9880	0.8312
59.5	0.2923	0.9407	0.9985	0.9840	0.9176	0.9447	0.9882	0.8252

59.6	0.3808	0.9487	0.9985	0.9879	0.9147	0.9405	0.9912	0.8592
59.7	0.4234	0.9429	0.9983	0.9845	0.9106	0.9417	0.9867	0.8559
59.8	0.3838	0.9178	0.9976	0.9747	0.8785	0.9364	0.9767	0.7296
59.9	0.4083	0.9351	0.9981	0.9729	0.8900	0.9442	0.9764	0.6676
60.0	0.6311	0.9657	0.9987	0.9862	0.9507	0.9652	0.9924	0.7849
60.1	0.6289	0.9729	0.9985	0.9880	0.9618	0.9559	0.9920	0.8011
60.2	0.7058	0.9625	0.9983	0.9860	0.9471	0.9570	0.9872	0.7899
60.3	0.7872	0.9601	0.9982	0.9877	0.9450	0.9676	0.9891	0.7827
60.4	0.7694	0.9623	0.9980	0.9879	0.9535	0.9671	0.9919	0.8162
60.5	0.8373	0.9639	0.9979	0.9890	0.9565	0.9639	0.9903	0.8069
60.6	0.8753	0.9603	0.9980	0.9886	0.9513	0.9580	0.9885	0.8118
60.7	0.8784	0.9588	0.9983	0.9895	0.9593	0.9550	0.9922	0.8533
60.8	0.8890	0.9477	0.9980	0.9896	0.9574	0.9500	0.9887	0.8088
60.9	0.8955	0.9433	0.9980	0.9878	0.9556	0.9476	0.9902	0.8444
61.0	0.8760	0.9182	0.9969	0.9804	0.9397	0.9278	0.9873	0.7812
61.1	0.8912	0.9012	0.9976	0.9830	0.9485	0.9330	0.9859	0.6508
61.2	0.9004	0.8833	0.9972	0.9833	0.9469	0.9395	0.9857	0.6602
61.3	0.9251	0.8638	0.9975	0.9813	0.9447	0.9455	0.9859	0.7010
61.4	0.9361	0.8637	0.9977	0.9803	0.9390	0.9450	0.9871	0.6802
61.5	0.9517	0.8637	0.9979	0.9867	0.9326	0.9472	0.9890	0.6674
61.6	0.9378	0.8315	0.9969	0.9808	0.9160	0.9397	0.9842	0.6268
61.7	0.9415	0.8157	0.9973	0.9792	0.9204	0.9560	0.9845	0.5468
61.8	0.9411	0.8057	0.9978	0.9756	0.9107	0.9680	0.9874	0.5793
61.9	0.9447	0.7682	0.9972	0.9765	0.8721	0.9666	0.9886	0.5845
62.0	0.9553	0.6828	0.9970	0.9773	0.8169	0.9705	0.9895	0.4990
62.1	0.9613	0.6334	0.9972	0.9801	0.7732	0.9692	0.9878	0.5308
62.2	0.9644	0.6973	0.9975	0.9790	0.8149	0.9624	0.9881	0.5882
62.3	0.9765	0.6742	0.9977	0.9828	0.8005	0.9546	0.9886	0.6047
62.4	0.9786	0.7673	0.9981	0.9848	0.7360	0.9606	0.9892	0.6803
62.5	0.9762	0.7837	0.9981	0.9881	0.7425	0.9599	0.9889	0.6453
62.6	0.9712	0.6945	0.9977	0.9851	0.6769	0.9495	0.9828	0.5892
62.7	0.9752	0.7171	0.9972	0.9873	0.6725	0.9378	0.9806	0.6268
62.8	0.9780	0.7101	0.9965	0.9869	0.7325	0.9380	0.9853	0.6781
62.9	0.9800	0.7121	0.9969	0.9887	0.7083	0.9518	0.9873	0.7038
63.0	0.9784	0.7255	0.9966	0.9866	0.6614	0.9469	0.9849	0.7438
63.1	0.9754	0.6829	0.9972	0.9856	0.6565	0.9560	0.9845	0.7569
63.2	0.9786	0.6980	0.9968	0.9877	0.6881	0.9555	0.9842	0.7823
63.3	0.9802	0.7620	0.9974	0.9890	0.7732	0.9608	0.9819	0.7949
63.4	0.9803	0.7400	0.9973	0.9893	0.7779	0.9664	0.9844	0.8439
63.5	0.9785	0.7390	0.9964	0.9897	0.7534	0.9703	0.9832	0.8233
63.6	0.9782	0.7560	0.9958	0.9904	0.8077	0.9721	0.9806	0.8265
63.7	0.9802	0.7406	0.9958	0.9886	0.7836	0.9672	0.9807	0.8829
63.8	0.9770	0.7259	0.9961	0.9878	0.7502	0.9727	0.9832	0.8594
63.9	0.9806	0.7374	0.9956	0.9907	0.7542	0.9650	0.9809	0.8663
64.0	0.9819	0.7372	0.9957	0.9930	0.8116	0.9606	0.9782	0.8562
64.1	0.9752	0.7602	0.9954	0.9912	0.7200	0.9601	0.9775	0.8130
64.2	0.9746	0.7417	0.9948	0.9913	0.7160	0.9626	0.9775	0.8332
64.3	0.9781	0.7525	0.9932	0.9918	0.7566	0.9517	0.9721	0.8765
64.4	0.9774	0.7597	0.9945	0.9917	0.6993	0.9510	0.9706	0.8884
64.5	0.9803	0.7806	0.9946	0.9935	0.7157	0.9582	0.9768	0.8948
64.6	0.9804	0.7947	0.9934	0.9938	0.6750	0.9601	0.9757	0.8980
64.7	0.9720	0.7851	0.9929	0.9923	0.6246	0.9585	0.9720	0.8158
64.8	0.9678	0.8227	0.9934	0.9907	0.6048	0.9602	0.9684	0.8182
64.9	0.9732	0.8613	0.9937	0.9918	0.5476	0.9582	0.9713	0.8759
65.0	0.9724	0.8585	0.9926	0.9933	0.5152	0.9638	0.9748	0.8889
65.1	0.9646	0.8750	0.9925	0.9893	0.5761	0.9611	0.9660	0.8333
65.2	0.9778	0.8736	0.9936	0.9940	0.6782	0.9688	0.9640	0.8779
65.3	0.9718	0.8774	0.9924	0.9934	0.6933	0.9603	0.9630	0.8434
65.4	0.9731	0.8961	0.9931	0.9937	0.6700	0.9593	0.9630	0.8571
65.5	0.9635	0.9029	0.9916	0.9914	0.6580	0.9607	0.9578	0.8545
65.6	0.9603	0.9018	0.9906	0.9921	0.6219	0.9721	0.9620	0.8760
65.7	0.9664	0.9146	0.9911	0.9924	0.6254	0.9646	0.9549	0.8895
65.8	0.9641	0.9189	0.9906	0.9926	0.5477	0.9552	0.9426	0.8774
65.9	0.9670	0.9412	0.9906	0.9943	0.5319	0.9585	0.9542	0.9005
66.0	0.9630	0.9406	0.9906	0.9944	0.5577	0.9547	0.9355	0.8908
66.1	0.9526	0.9399	0.9920	0.9937	0.5212	0.9590	0.9286	0.8853
66.2	0.9524	0.9423	0.9894	0.9931	0.4987	0.9523	0.9203	0.8840
66.3	0.9590	0.9461	0.9895	0.9947	0.4866	0.9565	0.9325	0.9064
66.4	0.9363	0.9463	0.9881	0.9935	0.3666	0.9562	0.9143	0.8677
66.5	0.9303	0.9449	0.9927	0.9937	0.3378	0.9654	0.9274	0.8751
66.6	0.9158	0.9385	0.9914	0.9916	0.3470	0.9743	0.9354	0.8829
66.7	0.9127	0.9374	0.9904	0.9930	0.3688	0.9742	0.9265	0.8876
66.8	0.9006	0.9363	0.9881	0.9915	0.2703	0.9566	0.8818	0.8634
66.9	0.8756	0.9374	0.9894	0.9929	0.0720	0.9658	0.9195	0.8832
67.0	0.8739	0.9511	0.9901	0.9943	0.0652	0.9714	0.9593	0.8995
67.1	0.8867	0.9466	0.9913	0.9948	0.0228	0.9753	0.9638	0.9151
67.2	0.8881	0.9481	0.9895	0.9947	0.0017	0.9780	0.9657	0.9081
67.3	0.9014	0.9441	0.9904	0.9947	0.0254	0.9778	0.9736	0.9020
67.4	0.9048	0.9283	0.9907	0.9937	0.2685	0.9673	0.9643	0.8926
67.5	0.9435	0.9391	0.9884	0.9944	0.2494	0.9771	0.9689	0.9126
67.6	0.9243	0.9392	0.9877	0.9935	0.3498	0.9760	0.9628	0.8908
67.7	0.9581	0.9431	0.9917	0.9944	0.5545	0.9806	0.9671	0.9109
67.8	0.9737	0.9544	0.9938	0.9957	0.6126	0.9796	0.9684	0.9248
67.9	0.9765	0.9332	0.9922	0.9920	0.7162	0.9741	0.9647	0.9297
68.0	0.9798	0.9395	0.9932	0.9945	0.7927	0.9791	0.9673	0.9388
68.1	0.9837	0.9399	0.9924	0.9953	0.8248	0.9856	0.9702	0.9440

68.2	0.9836	0.9391	0.9930	0.9949	0.8560	0.9875	0.9721	0.9427
68.3	0.9843	0.9379	0.9931	0.9943	0.8596	0.9864	0.9707	0.9292
68.4	0.9852	0.9328	0.9926	0.9924	0.8868	0.9851	0.9601	0.9137
68.5	0.9897	0.9406	0.9918	0.9946	0.9006	0.9852	0.9632	0.9448
68.6	0.9915	0.9513	0.9933	0.9950	0.9087	0.9863	0.9683	0.9437
68.7	0.9916	0.9491	0.9942	0.9938	0.9102	0.9864	0.9621	0.9353
68.8	0.9909	0.9493	0.9930	0.9930	0.9019	0.9878	0.9590	0.9277
68.9	0.9911	0.9511	0.9926	0.9929	0.9043	0.9882	0.9599	0.9318
69.0	0.9931	0.9498	0.9927	0.9932	0.8741	0.9903	0.9644	0.9412
69.1	0.9925	0.9481	0.9954	0.9934	0.8791	0.9904	0.9672	0.9484
69.2	0.9914	0.9496	0.9953	0.9939	0.8385	0.9881	0.9529	0.9432
69.3	0.9920	0.9468	0.9957	0.9939	0.8516	0.9893	0.9576	0.9494
69.4	0.9910	0.9410	0.9948	0.9918	0.8912	0.9864	0.9500	0.9423
69.5	0.9876	0.9345	0.9939	0.9919	0.9017	0.9877	0.9468	0.9360
69.6	0.9858	0.9383	0.9935	0.9924	0.9281	0.9876	0.9530	0.9324
69.7	0.9888	0.9408	0.9946	0.9913	0.9498	0.9879	0.9533	0.9192
69.8	0.9887	0.9391	0.9939	0.9908	0.9636	0.9867	0.9341	0.8956
69.9	0.9919	0.9481	0.9956	0.9929	0.9841	0.9898	0.9494	0.9367
70.0	0.9915	0.9494	0.9957	0.9937	0.9809	0.9910	0.9583	0.9367
70.1	0.9900	0.9525	0.9949	0.9926	0.9806	0.9869	0.9457	0.9083
70.2	0.9906	0.9538	0.9944	0.9912	0.9765	0.9841	0.9339	0.9024
70.3	0.9931	0.9597	0.9943	0.9918	0.9808	0.9862	0.9420	0.8802
70.4	0.9947	0.9624	0.9961	0.9927	0.9884	0.9911	0.9622	0.9107
70.5	0.9938	0.9622	0.9952	0.9935	0.9890	0.9927	0.9627	0.9052
70.6	0.9938	0.9664	0.9954	0.9940	0.9886	0.9918	0.9632	0.9048
70.7	0.9951	0.9691	0.9955	0.9955	0.9905	0.9911	0.9675	0.9012
70.8	0.9950	0.9652	0.9961	0.9958	0.9895	0.9913	0.9668	0.9008
70.9	0.9950	0.9634	0.9961	0.9945	0.9888	0.9902	0.9621	0.8537
71.0	0.9935	0.9622	0.9959	0.9944	0.9907	0.9894	0.9556	0.8155
71.1	0.9936	0.9647	0.9947	0.9946	0.9876	0.9910	0.9599	0.7986
71.2	0.9950	0.9665	0.9949	0.9956	0.9904	0.9925	0.9679	0.7670
71.3	0.9962	0.9672	0.9951	0.9955	0.9917	0.9910	0.9633	0.7221
71.4	0.9937	0.9641	0.9948	0.9945	0.9886	0.9872	0.9515	0.6721
71.5	0.9942	0.9626	0.9950	0.9962	0.9903	0.9898	0.9588	0.6435
71.6	0.9950	0.9713	0.9960	0.9969	0.9914	0.9929	0.9701	0.7076
71.7	0.9964	0.9711	0.9971	0.9966	0.9908	0.9918	0.9697	0.7429
71.8	0.9945	0.9674	0.9957	0.9953	0.9899	0.9902	0.9722	0.6740
71.9	0.9948	0.9704	0.9956	0.9950	0.9887	0.9886	0.9746	0.6604
72.0	0.9941	0.9678	0.9953	0.9952	0.9861	0.9871	0.9691	0.6508
72.1	0.9922	0.9620	0.9947	0.9946	0.9863	0.9900	0.9743	0.7001
72.2	0.9935	0.9687	0.9953	0.9954	0.9881	0.9901	0.9784	0.7376
72.3	0.9929	0.9694	0.9954	0.9951	0.9878	0.9903	0.9803	0.7967
72.4	0.9946	0.9690	0.9960	0.9947	0.9885	0.9892	0.9773	0.8494
72.5	0.9953	0.9719	0.9963	0.9952	0.9896	0.9905	0.9807	0.8508
72.6	0.9925	0.9696	0.9949	0.9939	0.9825	0.9855	0.9702	0.7854
72.7	0.9910	0.9659	0.9925	0.9916	0.9800	0.9822	0.9657	0.7937
72.8	0.9914	0.9702	0.9944	0.9939	0.9864	0.9892	0.9824	0.8907
72.9	0.9918	0.9707	0.9952	0.9951	0.9869	0.9898	0.9790	0.9143
73.0	0.9939	0.9721	0.9943	0.9949	0.9881	0.9881	0.9791	0.9188
73.1	0.9926	0.9644	0.9942	0.9936	0.9853	0.9869	0.9708	0.9322
73.2	0.9941	0.9728	0.9955	0.9950	0.9887	0.9892	0.9758	0.9376
73.3	0.9939	0.9737	0.9950	0.9945	0.9883	0.9866	0.9746	0.9362
73.4	0.9929	0.9749	0.9953	0.9949	0.9859	0.9868	0.9805	0.9135
73.5	0.9914	0.9749	0.9957	0.9952	0.9892	0.9898	0.9820	0.9240
73.6	0.9926	0.9711	0.9937	0.9934	0.9868	0.9859	0.9770	0.9374
73.7	0.9930	0.9729	0.9948	0.9926	0.9854	0.9860	0.9716	0.9373
73.8	0.9945	0.9709	0.9958	0.9935	0.9867	0.9883	0.9779	0.9503
73.9	0.9948	0.9710	0.9947	0.9925	0.9879	0.9853	0.9778	0.9578
74.0	0.9943	0.9749	0.9953	0.9937	0.9898	0.9858	0.9748	0.9633
74.1	0.9932	0.9718	0.9951	0.9935	0.9909	0.9859	0.9721	0.9682
74.2	0.9928	0.9696	0.9951	0.9911	0.9892	0.9825	0.9756	0.9712
74.3	0.9948	0.9741	0.9950	0.9942	0.9880	0.9824	0.9793	0.9724
74.4	0.9929	0.9779	0.9955	0.9927	0.9867	0.9774	0.9731	0.9709
74.5	0.9930	0.9752	0.9959	0.9922	0.9882	0.9773	0.9647	0.9731
74.6	0.9882	0.9724	0.9936	0.9900	0.9841	0.9734	0.9590	0.9711
74.7	0.9906	0.9720	0.9928	0.9898	0.9877	0.9715	0.9684	0.9795
74.8	0.9918	0.9723	0.9937	0.9911	0.9840	0.9725	0.9707	0.9826
74.9	0.9874	0.9703	0.9926	0.9881	0.9815	0.9646	0.9676	0.9792
75.0	0.9884	0.9707	0.9928	0.9857	0.9805	0.9717	0.9655	0.9822
75.1	0.9898	0.9776	0.9926	0.9845	0.9797	0.9740	0.9663	0.9831
75.2	0.9865	0.9769	0.9908	0.9807	0.9821	0.9693	0.9562	0.9813
75.3	0.9862	0.9770	0.9915	0.9804	0.9832	0.9592	0.9542	0.9833
75.4	0.9912	0.9761	0.9942	0.9860	0.9868	0.9715	0.9708	0.9881
75.5	0.9930	0.9831	0.9952	0.9866	0.9896	0.9800	0.9816	0.9902
75.6	0.9892	0.9843	0.9938	0.9851	0.9841	0.9687	0.9768	0.9872
75.7	0.9875	0.9826	0.9936	0.9851	0.9818	0.9676	0.9763	0.9860
75.8	0.9879	0.9783	0.9920	0.9850	0.9812	0.9708	0.9772	0.9875
75.9	0.9782	0.9778	0.9862	0.9702	0.9679	0.9440	0.9677	0.9801
76.0	0.9790	0.9718	0.9911	0.9754	0.9734	0.9573	0.9733	0.9856
76.1	0.9865	0.9796	0.9924	0.9799	0.9844	0.9606	0.9818	0.9902
76.2	0.9887	0.9834	0.9919	0.9829	0.9836	0.9699	0.9848	0.9890
76.3	0.9886	0.9853	0.9926	0.9787	0.9842	0.9566	0.9843	0.9901
76.4	0.9828	0.9797	0.9931	0.9787	0.9830	0.9474	0.9800	0.9896
76.5	0.9770	0.9837	0.9911	0.9788	0.9828	0.9582	0.9811	0.9906
76.6	0.9817	0.9840	0.9917	0.9759	0.9805	0.9570	0.9821	0.9901
76.7	0.9859	0.9843	0.9927	0.9803	0.9817	0.9616	0.9848	0.9923

76.8	0.9785	0.9812	0.9873	0.9730	0.9769	0.9464	0.9780	0.9894
76.9	0.9825	0.9847	0.9892	0.9611	0.9773	0.9462	0.9824	0.9921
77.0	0.9791	0.9835	0.9918	0.9578	0.9741	0.9469	0.9805	0.9884
77.1	0.9779	0.9836	0.9908	0.9465	0.9721	0.9456	0.9766	0.9867
77.2	0.9803	0.9789	0.9924	0.9509	0.9729	0.9409	0.9731	0.9867
77.3	0.9667	0.9717	0.9899	0.9494	0.9711	0.9464	0.9707	0.9864
77.4	0.9588	0.9789	0.9904	0.9435	0.9739	0.9540	0.9781	0.9876
77.5	0.9487	0.9815	0.9899	0.9375	0.9724	0.9547	0.9774	0.9849
77.6	0.9640	0.9824	0.9922	0.9385	0.9765	0.9645	0.9791	0.9874
77.7	0.9652	0.9835	0.9916	0.9128	0.9771	0.9680	0.9823	0.9890
77.8	0.9569	0.9831	0.9915	0.8959	0.9785	0.9694	0.9847	0.9909
77.9	0.9562	0.9848	0.9933	0.8992	0.9810	0.9733	0.9873	0.9919
78.0	0.9392	0.9814	0.9910	0.8201	0.9744	0.9615	0.9828	0.9897
78.1	0.9447	0.9809	0.9927	0.8027	0.9768	0.9681	0.9837	0.9909
78.2	0.9352	0.9784	0.9911	0.8166	0.9762	0.9585	0.9836	0.9899
78.3	0.9506	0.9834	0.9945	0.8847	0.9800	0.9620	0.9862	0.9914
78.4	0.9416	0.9834	0.9914	0.9073	0.9822	0.9656	0.9827	0.9904
78.5	0.9468	0.9799	0.9912	0.9465	0.9771	0.9689	0.9828	0.9885
78.6	0.9446	0.9779	0.9913	0.9567	0.9766	0.9688	0.9855	0.9903
78.7	0.9510	0.9842	0.9916	0.9665	0.9805	0.9667	0.9885	0.9916
78.8	0.9625	0.9831	0.9926	0.9727	0.9840	0.9730	0.9836	0.9911
78.9	0.9571	0.9838	0.9918	0.9641	0.9767	0.9724	0.9840	0.9890
79.0	0.9428	0.9764	0.9859	0.9569	0.9655	0.9561	0.9763	0.9841
79.1	0.9489	0.9743	0.9879	0.9367	0.9669	0.9364	0.9760	0.9844
79.2	0.9533	0.9748	0.9901	0.9709	0.9754	0.9434	0.9819	0.9894
79.3	0.9510	0.9782	0.9897	0.9701	0.9709	0.9446	0.9831	0.9873
79.4	0.9549	0.9726	0.9917	0.9698	0.9718	0.9441	0.9801	0.9858
79.5	0.9539	0.9742	0.9881	0.9744	0.9721	0.9386	0.9740	0.9842
79.6	0.9505	0.9781	0.9859	0.9772	0.9694	0.9401	0.9758	0.9833
79.7	0.9572	0.9774	0.9865	0.9762	0.9695	0.9357	0.9821	0.9840
79.8	0.9724	0.9778	0.9882	0.9835	0.9703	0.9545	0.9875	0.9881
79.9	0.9750	0.9789	0.9883	0.9833	0.9569	0.9414	0.9855	0.9845
80.0	0.9640	0.9748	0.9879	0.9804	0.9499	0.9258	0.9788	0.9796

2.2.76 Run 7 – VT270 – Accels 25–32

Vertical shaking at 270°. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	--	0.4016	0.3798	0.3604	0.1168	0.2703	0.2677	0.3176
0.1	--	0.0904	0.0627	0.0806	0.0144	0.0554	0.0463	0.0306
0.2	--	0.0303	0.0070	0.0334	0.0019	0.0001	0.0066	0.0019
0.3	--	0.0260	0.0112	0.0117	0.0011	0.0299	0.0003	0.0420
0.4	--	0.0254	0.0015	0.0032	0.0072	0.0148	0.0209	0.0036
0.5	--	0.0197	0.0057	0.0204	0.0232	0.0185	0.0128	0.0485
0.6	--	0.0784	0.0362	0.0181	0.0116	0.0063	0.0316	0.0090
0.7	--	0.0960	0.1324	0.0091	0.0036	0.0195	0.0203	0.0222
0.8	--	0.0247	0.0010	0.0017	0.0060	0.0019	0.0163	0.0100
0.9	--	0.0280	0.0215	0.0136	0.0060	0.0184	0.0039	0.0017
1.0	--	0.0300	0.0199	0.0032	0.0219	0.0103	0.0050	0.0245
1.1	--	0.1542	0.0612	0.0146	0.0007	0.0158	0.0157	0.0060
1.2	--	0.0780	0.0087	0.0223	0.0237	0.0440	0.0084	0.0138
1.3	--	0.1143	0.0689	0.0486	0.0190	0.0509	0.0138	0.0393
1.4	--	0.2779	0.0127	0.0364	0.0281	0.0195	0.0062	0.0637
1.5	--	0.3704	0.0350	0.0051	0.0244	0.0187	0.0303	0.0262
1.6	--	0.4487	0.0464	0.0098	0.0123	0.0355	0.0189	0.0451
1.7	--	0.5258	0.0195	0.0070	0.0223	0.0517	0.0219	0.0445
1.8	--	0.6056	0.1432	0.0018	0.0195	0.0469	0.0907	0.0102
1.9	--	0.8202	0.3323	0.0068	0.0913	0.0553	0.2238	0.1243
2.0	--	0.8857	0.3797	0.0279	0.1517	0.0387	0.2769	0.1769
2.1	--	0.9065	0.4023	0.0696	0.1714	0.1200	0.4097	0.1634
2.2	--	0.8189	0.3630	0.0386	0.2495	0.1106	0.5993	0.1346
2.3	--	0.4076	0.3224	0.0076	0.2559	0.0775	0.4160	0.0070
2.4	--	0.2847	0.3323	0.2410	0.2486	0.0039	0.2919	0.0257
2.5	--	0.4939	0.4576	0.3682	0.4431	0.0182	0.5001	0.0984
2.6	--	0.7551	0.4039	0.2302	0.4999	0.0160	0.6662	0.0304
2.7	--	0.9387	0.3170	0.1419	0.3102	0.0204	0.7152	0.0155
2.8	--	0.9209	0.1372	0.0700	0.2876	0.0157	0.5086	0.0209
2.9	--	0.9189	0.0723	0.0709	0.1661	0.0215	0.2841	0.0490
3.0	--	0.8536	0.0649	0.0715	0.1214	0.0436	0.2072	0.1261
3.1	--	0.7578	0.0314	0.0733	0.0574	0.0200	0.1933	0.0138
3.2	--	0.7708	0.0244	0.0835	0.0020	0.0502	0.0829	0.0014
3.3	--	0.7459	0.0760	0.0306	0.0096	0.0511	0.0183	0.0291
3.4	--	0.6310	0.0022	0.0428	0.0050	0.0128	0.0302	0.0321
3.5	--	0.4288	0.0017	0.0358	0.0663	0.0197	0.0709	0.0271
3.6	--	0.4319	0.0364	0.0110	0.0073	0.0064	0.0077	0.0131
3.7	--	0.6784	0.1233	0.0755	0.0579	0.0254	0.0647	0.0316
3.8	--	0.8963	0.0782	0.2113	0.0214	0.0127	0.1135	0.0398
3.9	--	0.9794	0.2663	0.6510	0.0014	0.3379	0.0620	0.4204
4.0	--	0.9839	0.2777	0.7877	0.0177	0.6084	0.0884	0.7525
4.1	--	0.9790	0.1140	0.7138	0.0088	0.7439	0.0549	0.8070
4.2	--	0.9733	0.0612	0.6885	0.0881	0.7821	0.0012	0.8532
4.3	--	0.9629	0.0985	0.5935	0.2793	0.7032	0.1116	0.7882
4.4	--	0.9114	0.0853	0.6028	0.3538	0.7237	0.1432	0.7014
4.5	--	0.9209	0.1818	0.6891	0.5322	0.7940	0.5022	0.7649
4.6	--	0.8267	0.2608	0.5838	0.5493	0.7491	0.3935	0.7893
4.7	--	0.6078	0.3475	0.3410	0.2825	0.4613	0.1826	0.4715
4.8	--	0.8078	0.6552	0.2882	0.1029	0.7445	0.4406	0.7518
4.9	--	0.8434	0.6057	0.3857	0.0664	0.6680	0.4940	0.6609
5.0	--	0.7173	0.3874	0.5167	0.1089	0.5092	0.0777	0.5021
5.1	--	0.8638	0.5728	0.7404	0.2296	0.7659	0.2185	0.7651
5.2	--	0.8531	0.4837	0.7073	0.2064	0.7036	0.4690	0.7034
5.3	--	0.6961	0.2866	0.5831	0.4415	0.5697	0.5850	0.5402
5.4	--	0.0278	0.1433	0.2451	0.6300	0.3250	0.6669	0.1930
5.5	--	0.6111	0.1461	0.5293	0.7234	0.4951	0.7054	0.4374
5.6	--	0.9256	0.4334	0.8140	0.9297	0.7285	0.9253	0.6974
5.7	--	0.9472	0.5752	0.8983	0.9286	0.7440	0.9277	0.6803
5.8	--	0.9586	0.6811	0.9563	0.9260	0.8226	0.9202	0.7044
5.9	--	0.9764	0.7459	0.9731	0.9461	0.7689	0.9268	0.6516
6.0	--	0.9899	0.8278	0.9703	0.9766	0.8164	0.9592	0.7676
6.1	--	0.9853	0.7529	0.9665	0.9800	0.6932	0.9691	0.6863
6.2	--	0.9863	0.7111	0.9831	0.9833	0.7170	0.9805	0.8339
6.3	--	0.9909	0.7261	0.9885	0.9907	0.7246	0.9850	0.9036
6.4	--	0.9881	0.6026	0.9808	0.9858	0.7092	0.9805	0.9171
6.5	--	0.9833	0.5395	0.9762	0.9839	0.6042	0.9836	0.8893
6.6	--	0.9803	0.6358	0.9704	0.9818	0.6214	0.9875	0.8614
6.7	--	0.9736	0.6955	0.9693	0.9695	0.6801	0.9749	0.8624
6.8	--	0.9706	0.8282	0.9706	0.9781	0.7024	0.9820	0.8492
6.9	--	0.9431	0.8278	0.9715	0.9629	0.5048	0.9693	0.7507
7.0	--	0.9364	0.8671	0.9717	0.9458	0.0015	0.9350	0.7615
7.1	--	0.9154	0.8762	0.9647	0.9152	0.3848	0.8888	0.7517
7.2	--	0.9079	0.8767	0.9537	0.8925	0.6401	0.8455	0.7374
7.3	--	0.9567	0.9368	0.9226	0.9251	0.6471	0.8599	0.7179
7.4	--	0.9405	0.9220	0.9386	0.9212	0.6580	0.8264	0.6174
7.5	--	0.9580	0.9535	0.9808	0.9558	0.7359	0.9263	0.5997
7.6	--	0.9843	0.9753	0.9877	0.9856	0.8408	0.9896	0.7129
7.7	--	0.9913	0.9730	0.9831	0.9889	0.9063	0.9890	0.7111
7.8	--	0.9952	0.9631	0.9762	0.9870	0.8580	0.9867	0.3199
7.9	--	0.9903	0.9616	0.9814	0.9878	0.7728	0.9852	0.1116

8.0	--	0.9905	0.9567	0.9872	0.9861	0.2030	0.9842	0.4329
8.1	--	0.9953	0.9543	0.9872	0.9794	0.4930	0.9800	0.7244
8.2	--	0.9945	0.9513	0.9907	0.9820	0.7799	0.9802	0.8053
8.3	--	0.9948	0.9420	0.9888	0.9826	0.7640	0.9802	0.8264
8.4	--	0.9960	0.9402	0.9918	0.9827	0.7511	0.9818	0.8704
8.5	--	0.9970	0.9280	0.9922	0.9848	0.5746	0.9844	0.9061
8.6	--	0.9964	0.9268	0.9891	0.9880	0.1723	0.9885	0.9285
8.7	--	0.9954	0.9345	0.9872	0.9885	0.2844	0.9877	0.9271
8.8	--	0.9911	0.9004	0.9817	0.9848	0.5679	0.9848	0.8822
8.9	--	0.9921	0.8674	0.9825	0.9909	0.6903	0.9872	0.7636
9.0	--	0.9801	0.8000	0.9695	0.9847	0.2613	0.9706	0.5157
9.1	--	0.9891	0.8866	0.9843	0.9891	0.1841	0.9771	0.7733
9.2	--	0.9605	0.9339	0.9427	0.9652	0.6037	0.9621	0.8505
9.3	--	0.9406	0.9132	0.9320	0.9495	0.8137	0.9479	0.8437
9.4	--	0.9316	0.9339	0.9320	0.9350	0.6787	0.9358	0.3686
9.5	--	0.9249	0.9413	0.9359	0.9235	0.6538	0.9267	0.3316
9.6	--	0.9552	0.9485	0.9667	0.9529	0.7119	0.9532	0.8298
9.7	--	0.9644	0.9272	0.9759	0.9616	0.6249	0.9597	0.8834
9.8	--	0.9758	0.9179	0.9876	0.9545	0.3873	0.9705	0.7808
9.9	--	0.9805	0.8864	0.9916	0.9615	0.5434	0.9731	0.8817
10.0	--	0.9858	0.7992	0.9945	0.9758	0.7542	0.9740	0.9438
10.1	--	0.9871	0.9095	0.9956	0.9758	0.8032	0.9748	0.9407
10.2	--	0.9885	0.9257	0.9967	0.9700	0.8132	0.9679	0.9193
10.3	--	0.9889	0.9246	0.9982	0.9499	0.7202	0.9538	0.8494
10.4	--	0.9883	0.9154	0.9971	0.9167	0.5634	0.9406	0.8140
10.5	--	0.9921	0.9602	0.9977	0.9560	0.8173	0.9641	0.9312
10.6	--	0.9877	0.9571	0.9962	0.9628	0.8869	0.9765	0.9374
10.7	--	0.9883	0.9646	0.9964	0.9619	0.9008	0.9732	0.9411
10.8	--	0.9809	0.9649	0.9962	0.9296	0.8094	0.9691	0.9188
10.9	--	0.9797	0.9536	0.9962	0.8790	0.8000	0.9707	0.9169
11.0	--	0.9807	0.9702	0.9976	0.8610	0.8936	0.9734	0.9477
11.1	--	0.9826	0.9764	0.9978	0.8646	0.8768	0.9618	0.9496
11.2	--	0.9651	0.9639	0.9964	0.8637	0.7997	0.9360	0.9216
11.3	--	0.9647	0.9628	0.9961	0.8779	0.8322	0.8998	0.9418
11.4	--	0.9661	0.9685	0.9961	0.9273	0.8972	0.8910	0.9631
11.5	--	0.9466	0.9692	0.9965	0.9441	0.9303	0.9052	0.9466
11.6	--	0.9088	0.9748	0.9959	0.9529	0.9212	0.9110	0.9547
11.7	--	0.8763	0.9745	0.9962	0.9697	0.9313	0.8819	0.9603
11.8	--	0.8186	0.9705	0.9951	0.9637	0.9350	0.8875	0.9648
11.9	--	0.8270	0.9741	0.9956	0.9710	0.9376	0.8730	0.9649
12.0	--	0.8806	0.9719	0.9951	0.9784	0.9408	0.8517	0.9633
12.1	--	0.8810	0.9645	0.9949	0.9774	0.9585	0.8678	0.9657
12.2	--	0.9142	0.9598	0.9965	0.9777	0.9699	0.8921	0.9679
12.3	--	0.9274	0.9627	0.9960	0.9724	0.9559	0.8403	0.9605
12.4	--	0.9267	0.9620	0.9951	0.9643	0.9660	0.8436	0.9665
12.5	--	0.9598	0.9764	0.9963	0.9680	0.9779	0.8738	0.9739
12.6	--	0.9615	0.9774	0.9949	0.9673	0.9715	0.8699	0.9665
12.7	--	0.9513	0.9740	0.9944	0.9615	0.9725	0.8992	0.9636
12.8	--	0.9414	0.9711	0.9943	0.9390	0.9580	0.8932	0.9396
12.9	--	0.9399	0.9731	0.9928	0.8952	0.9477	0.8214	0.9158
13.0	--	0.9466	0.9817	0.9932	0.8848	0.9495	0.8142	0.9144
13.1	--	0.9380	0.9878	0.9926	0.9122	0.9551	0.8381	0.9139
13.2	--	0.8899	0.9897	0.9858	0.8985	0.9554	0.8069	0.9204
13.3	--	0.8946	0.9919	0.9820	0.8815	0.9683	0.8397	0.9470
13.4	--	0.9148	0.9964	0.9837	0.8647	0.9506	0.7626	0.9203
13.5	--	0.8724	0.9939	0.9705	0.8356	0.9208	0.5205	0.8768
13.6	--	0.8395	0.9938	0.9629	0.8307	0.8900	0.5115	0.8086
13.7	--	0.8126	0.9949	0.9530	0.8591	0.9332	0.6484	0.8766
13.8	--	0.8209	0.9963	0.9529	0.8735	0.9418	0.7950	0.8975
13.9	--	0.7179	0.9963	0.9401	0.8689	0.9423	0.8583	0.9018
14.0	--	0.5450	0.9952	0.9267	0.8287	0.9221	0.8472	0.8881
14.1	--	0.4623	0.9960	0.9250	0.8042	0.9313	0.8541	0.8937
14.2	--	0.2502	0.9954	0.9079	0.7485	0.9247	0.8435	0.8770
14.3	--	0.0254	0.9948	0.9349	0.6715	0.9435	0.8476	0.9134
14.4	--	0.0190	0.9953	0.9464	0.6997	0.9569	0.8529	0.9237
14.5	--	0.1356	0.9955	0.9401	0.6168	0.9555	0.8579	0.9273
14.6	--	0.3377	0.9937	0.9355	0.4620	0.9381	0.8282	0.9051
14.7	--	0.6509	0.9932	0.9305	0.4445	0.9452	0.8183	0.9165
14.8	--	0.8280	0.9953	0.9424	0.3360	0.9552	0.7561	0.9283
14.9	--	0.8763	0.9956	0.9374	0.3134	0.9330	0.7970	0.8991
15.0	--	0.9088	0.9917	0.9466	0.1528	0.9490	0.8753	0.9245
15.1	--	0.9001	0.9849	0.8979	0.1455	0.9128	0.8708	0.8690
15.2	--	0.8613	0.9846	0.6744	0.4702	0.8606	0.9016	0.7854
15.3	--	0.9114	0.9861	0.2628	0.6535	0.8519	0.8719	0.7441
15.4	--	0.9264	0.9855	0.5969	0.7650	0.8387	0.8445	0.7233
15.5	--	0.9037	0.9686	0.7245	0.7783	0.8423	0.8340	0.7534
15.6	--	0.9294	0.9757	0.9057	0.8636	0.9067	0.8835	0.8622
15.7	--	0.9026	0.9597	0.9055	0.8204	0.9150	0.8854	0.8862
15.8	--	0.8846	0.9557	0.9182	0.8451	0.9072	0.9233	0.8836
15.9	--	0.9213	0.9677	0.9513	0.9118	0.9240	0.9409	0.9039
16.0	--	0.9415	0.9716	0.9633	0.9203	0.9469	0.9606	0.9351
16.1	--	0.9689	0.9836	0.9833	0.9488	0.9565	0.9745	0.9469
16.2	--	0.9882	0.9902	0.9936	0.9647	0.9446	0.9805	0.9384
16.3	--	0.9830	0.9894	0.9911	0.9546	0.9633	0.9778	0.9562
16.4	--	0.9779	0.9921	0.9933	0.9595	0.9506	0.9769	0.9377
16.5	--	0.9691	0.9959	0.9921	0.9786	0.9692	0.9797	0.9597

16.6	--	0.9565	0.9982	0.9812	0.9525	0.9590	0.9691	0.9541
16.7	--	0.9406	0.9969	0.9672	0.8878	0.9040	0.9697	0.8879
16.8	--	0.9526	0.9906	0.9791	0.8592	0.8920	0.8899	0.8108
16.9	--	0.9567	0.9923	0.9760	0.8413	0.9224	0.8203	0.8918
17.0	--	0.9655	0.9960	0.9795	0.8167	0.8527	0.8459	0.8273
17.1	--	0.9686	0.9945	0.9802	0.8786	0.7779	0.7070	0.8058
17.2	--	0.9627	0.9937	0.9821	0.8837	0.7888	0.7869	0.8550
17.3	--	0.9660	0.9973	0.9746	0.8747	0.6886	0.9342	0.8567
17.4	--	0.9775	0.9991	0.9692	0.8929	0.2901	0.9222	0.8083
17.5	--	0.9810	0.9991	0.9681	0.8305	0.7492	0.8939	0.8443
17.6	--	0.9824	0.9991	0.9817	0.7884	0.8565	0.8972	0.9135
17.7	--	0.9814	0.9995	0.9861	0.9038	0.7533	0.8966	0.8574
17.8	--	0.9857	0.9995	0.9886	0.9342	0.7175	0.8224	0.8097
17.9	--	0.9859	0.9994	0.9880	0.9444	0.7224	0.7844	0.8028
18.0	--	0.9832	0.9993	0.9859	0.9282	0.6468	0.7295	0.7758
18.1	--	0.9832	0.9993	0.9850	0.9259	0.5853	0.6745	0.7205
18.2	--	0.9769	0.9990	0.9768	0.9291	0.5403	0.7222	0.6967
18.3	--	0.9713	0.9990	0.9694	0.9261	0.4940	0.7595	0.7502
18.4	--	0.9497	0.9993	0.9383	0.9371	0.4834	0.7692	0.8328
18.5	--	0.6464	0.9993	0.5023	0.8952	0.5613	0.6884	0.8737
18.6	--	0.7336	0.9983	0.1894	0.8361	0.7400	0.6700	0.8108
18.7	--	0.9143	0.9979	0.7790	0.8769	0.7623	0.7193	0.6455
18.8	--	0.9885	0.9986	0.9724	0.9386	0.7948	0.8393	0.6973
18.9	--	0.9905	0.9986	0.9849	0.9564	0.7931	0.8865	0.7547
19.0	--	0.9895	0.9974	0.9825	0.9191	0.6637	0.7826	0.6135
19.1	--	0.9953	0.9980	0.9911	0.9315	0.7269	0.7726	0.6655
19.2	--	0.9952	0.9978	0.9892	0.9446	0.6356	0.8353	0.6590
19.3	--	0.9956	0.9976	0.9912	0.9650	0.5990	0.8302	0.6926
19.4	--	0.9952	0.9974	0.9912	0.9679	0.5462	0.7709	0.6622
19.5	--	0.9940	0.9971	0.9900	0.9596	0.3310	0.6365	0.5576
19.6	--	0.9950	0.9972	0.9903	0.9717	0.2425	0.7015	0.5943
19.7	--	0.9965	0.9964	0.9943	0.9715	0.0937	0.7547	0.5475
19.8	--	0.9963	0.9963	0.9925	0.9722	0.0466	0.7521	0.5827
19.9	--	0.9964	0.9973	0.9917	0.9778	0.0274	0.7961	0.6689
20.0	--	0.9959	0.9960	0.9903	0.9831	0.0870	0.7571	0.7448
20.1	--	0.9964	0.9959	0.9904	0.9804	0.1123	0.6741	0.7580
20.2	--	0.9980	0.9952	0.9909	0.9807	0.1797	0.6416	0.7837
20.3	--	0.9968	0.9957	0.9865	0.9766	0.2445	0.5282	0.7198
20.4	--	0.9972	0.9938	0.9860	0.9649	0.3941	0.2513	0.7209
20.5	--	0.9956	0.9939	0.9829	0.9791	0.4653	0.2520	0.7442
20.6	--	0.9957	0.9936	0.9827	0.9756	0.5195	0.1090	0.7083
20.7	--	0.9967	0.9926	0.9819	0.9777	0.7423	0.0106	0.7124
20.8	--	0.9966	0.9928	0.9803	0.9803	0.7682	0.2283	0.5669
20.9	--	0.9961	0.9935	0.9827	0.9804	0.8508	0.6618	0.3133
21.0	--	0.9964	0.9918	0.9785	0.9772	0.8890	0.7886	0.2109
21.1	--	0.9958	0.9877	0.9702	0.9779	0.8924	0.8017	0.1519
21.2	--	0.9965	0.9886	0.9646	0.9745	0.8784	0.7940	0.0812
21.3	--	0.9962	0.9899	0.9604	0.9716	0.8835	0.8500	0.2020
21.4	--	0.9939	0.9872	0.9450	0.9623	0.8754	0.8791	0.1825
21.5	--	0.9935	0.9879	0.9273	0.9616	0.8520	0.8872	0.2475
21.6	--	0.9940	0.9889	0.9061	0.9423	0.7736	0.8451	0.1799
21.7	--	0.9913	0.9866	0.8864	0.8886	0.7342	0.7630	0.2777
21.8	--	0.9908	0.9863	0.8552	0.7824	0.6729	0.6176	0.3033
21.9	--	0.9916	0.9869	0.8150	0.7370	0.6539	0.5840	0.3926
22.0	--	0.9928	0.9898	0.8435	0.7751	0.7062	0.6649	0.5292
22.1	--	0.9932	0.9917	0.8244	0.8633	0.6503	0.6809	0.5550
22.2	--	0.9931	0.9900	0.8522	0.9253	0.6332	0.7190	0.6352
22.3	--	0.9922	0.9857	0.8788	0.9600	0.6456	0.7986	0.7319
22.4	--	0.9915	0.9862	0.9007	0.9710	0.5706	0.8013	0.7149
22.5	--	0.9912	0.9833	0.9016	0.9775	0.6173	0.8172	0.7893
22.6	--	0.9919	0.9810	0.8996	0.9746	0.6065	0.8353	0.8378
22.7	--	0.9944	0.9893	0.9408	0.9870	0.7379	0.8869	0.9046
22.8	--	0.9913	0.9837	0.9368	0.9814	0.7794	0.9165	0.9173
22.9	--	0.9933	0.9847	0.8785	0.9715	0.6763	0.9159	0.9035
23.0	--	0.9935	0.9881	0.8160	0.9715	0.4409	0.8900	0.8655
23.1	--	0.9922	0.9861	0.9081	0.9779	0.2731	0.8731	0.8633
23.2	--	0.9958	0.9923	0.9458	0.9823	0.4436	0.8684	0.8639
23.3	--	0.9961	0.9936	0.9506	0.9836	0.6871	0.8653	0.8854
23.4	--	0.9947	0.9899	0.9442	0.9813	0.7349	0.8109	0.8062
23.5	--	0.9934	0.9910	0.9379	0.9803	0.7147	0.8068	0.7764
23.6	--	0.9965	0.9957	0.9575	0.9789	0.7852	0.8001	0.7500
23.7	--	0.9962	0.9952	0.9609	0.9775	0.8583	0.7908	0.7276
23.8	--	0.9962	0.9968	0.9697	0.9821	0.9196	0.7622	0.7303
23.9	--	0.9954	0.9960	0.9693	0.9757	0.9404	0.7549	0.6155
24.0	--	0.9946	0.9957	0.9644	0.9666	0.8989	0.7215	0.2679
24.1	--	0.9948	0.9955	0.9639	0.9597	0.9301	0.7017	0.2272
24.2	--	0.9954	0.9971	0.9721	0.9613	0.9437	0.7923	0.5121
24.3	--	0.9969	0.9974	0.9752	0.9689	0.9575	0.9097	0.7157
24.4	--	0.9955	0.9964	0.9725	0.9688	0.9464	0.9123	0.7452
24.5	--	0.9938	0.9971	0.9737	0.9662	0.9373	0.9143	0.7975
24.6	--	0.9924	0.9957	0.9727	0.9579	0.9351	0.8983	0.7711
24.7	--	0.9945	0.9975	0.9806	0.9599	0.9506	0.9198	0.7279
24.8	--	0.9954	0.9967	0.9836	0.9677	0.9553	0.8867	0.6275
24.9	--	0.9933	0.9965	0.9866	0.9623	0.9582	0.8782	0.6610
25.0	--	0.9937	0.9969	0.9909	0.9770	0.9707	0.8746	0.6691
25.1	--	0.9942	0.9977	0.9937	0.9688	0.9748	0.8881	0.6875

25.2	--	0.9920	0.9967	0.9893	0.9341	0.9658	0.9094	0.7090
25.3	--	0.9921	0.9965	0.9908	0.9252	0.9539	0.8826	0.7210
25.4	--	0.9949	0.9974	0.9953	0.9389	0.9645	0.9135	0.7466
25.5	--	0.9940	0.9967	0.9939	0.9287	0.9700	0.9093	0.7486
25.6	--	0.9915	0.9957	0.9916	0.9122	0.9656	0.8921	0.8115
25.7	--	0.9894	0.9948	0.9898	0.9222	0.9603	0.8888	0.8582
25.8	--	0.9936	0.9946	0.9925	0.9376	0.9812	0.9396	0.9409
25.9	--	0.9942	0.9905	0.9934	0.9446	0.9757	0.9545	0.9547
26.0	--	0.9953	0.9922	0.9956	0.9426	0.9744	0.9586	0.9705
26.1	--	0.9937	0.9889	0.9926	0.9426	0.9705	0.9499	0.9682
26.2	--	0.9955	0.9877	0.9922	0.9443	0.9664	0.9561	0.9709
26.3	--	0.9962	0.9882	0.9896	0.9367	0.9618	0.9576	0.9778
26.4	--	0.9963	0.9811	0.9915	0.9362	0.9626	0.9618	0.9733
26.5	--	0.9961	0.9729	0.9879	0.9262	0.9590	0.9606	0.9699
26.6	--	0.9963	0.9791	0.9896	0.9112	0.9557	0.9566	0.9762
26.7	--	0.9974	0.9816	0.9923	0.9235	0.9639	0.9804	0.9838
26.8	--	0.9972	0.9793	0.9887	0.8795	0.9544	0.9665	0.9792
26.9	--	0.9972	0.9604	0.9908	0.7844	0.9344	0.9552	0.9682
27.0	--	0.9970	0.9566	0.9903	0.7900	0.9349	0.9561	0.9703
27.1	--	0.9972	0.9600	0.9872	0.8074	0.9246	0.9443	0.9683
27.2	--	0.9969	0.9681	0.9890	0.8023	0.9284	0.9479	0.9659
27.3	--	0.9939	0.9685	0.9836	0.7695	0.8938	0.9279	0.9512
27.4	--	0.9959	0.9812	0.9863	0.7204	0.8625	0.9276	0.9577
27.5	--	0.9959	0.9855	0.9863	0.7116	0.8741	0.9158	0.9537
27.6	--	0.9935	0.9842	0.9865	0.6400	0.8504	0.9020	0.9217
27.7	--	0.9939	0.9844	0.9875	0.4870	0.8268	0.8490	0.9213
27.8	--	0.9961	0.9906	0.9866	0.3102	0.8043	0.7871	0.9300
27.9	--	0.9974	0.9912	0.9904	0.2915	0.8742	0.7779	0.9374
28.0	--	0.9972	0.9947	0.9896	0.2476	0.8706	0.5547	0.9384
28.1	--	0.9952	0.9950	0.9796	0.1369	0.8492	0.3422	0.9348
28.2	--	0.9933	0.9957	0.9808	0.4120	0.8175	0.5745	0.9450
28.3	--	0.9940	0.9959	0.9853	0.7199	0.7651	0.6485	0.9584
28.4	--	0.9970	0.9969	0.9893	0.8214	0.7654	0.7569	0.9711
28.5	--	0.9976	0.9972	0.9918	0.8512	0.7771	0.8114	0.9662
28.6	--	0.9967	0.9973	0.9895	0.8071	0.7245	0.7410	0.9538
28.7	--	0.9976	0.9980	0.9912	0.8448	0.7572	0.7501	0.9646
28.8	--	0.9980	0.9983	0.9919	0.8864	0.6334	0.8282	0.9767
28.9	--	0.9975	0.9982	0.9929	0.9213	0.6061	0.8800	0.9834
29.0	--	0.9970	0.9982	0.9912	0.9392	0.6032	0.8918	0.9731
29.1	--	0.9974	0.9985	0.9905	0.9388	0.5922	0.9072	0.9719
29.2	--	0.9973	0.9989	0.9940	0.9538	0.5452	0.9298	0.9776
29.3	--	0.9965	0.9988	0.9950	0.9659	0.4531	0.9407	0.9833
29.4	--	0.9950	0.9979	0.9951	0.9629	0.3540	0.9244	0.9839
29.5	--	0.9939	0.9976	0.9940	0.9597	0.4083	0.9184	0.9715
29.6	--	0.9951	0.9982	0.9933	0.9718	0.5122	0.9411	0.9743
29.7	--	0.9940	0.9981	0.9923	0.9602	0.5366	0.9429	0.9735
29.8	--	0.9941	0.9982	0.9928	0.9513	0.4295	0.9454	0.9748
29.9	--	0.9889	0.9968	0.9765	0.8413	0.2482	0.8497	0.9408
30.0	--	0.9881	0.9968	0.9779	0.8413	0.3776	0.8600	0.9453
30.1	--	0.9912	0.9974	0.9935	0.9539	0.5333	0.9657	0.9747
30.2	--	0.9872	0.9966	0.9934	0.9558	0.6221	0.9556	0.9673
30.3	--	0.9874	0.9965	0.9938	0.9648	0.6886	0.9568	0.9624
30.4	--	0.9925	0.9968	0.9952	0.9708	0.7391	0.9688	0.9768
30.5	--	0.9909	0.9967	0.9948	0.9690	0.7306	0.9562	0.9683
30.6	--	0.9879	0.9956	0.9946	0.9559	0.7486	0.9360	0.9581
30.7	--	0.9876	0.9952	0.9949	0.9560	0.7909	0.9185	0.9604
30.8	--	0.9853	0.9955	0.9931	0.9526	0.8192	0.9136	0.9481
30.9	--	0.9866	0.9951	0.9937	0.9460	0.8418	0.9085	0.9300
31.0	--	0.9858	0.9927	0.9936	0.9432	0.8965	0.9207	0.9446
31.1	--	0.9810	0.9891	0.9901	0.9423	0.8810	0.9183	0.9324
31.2	--	0.9807	0.9890	0.9895	0.9489	0.8857	0.9094	0.9444
31.3	--	0.9825	0.9902	0.9886	0.9557	0.9064	0.9396	0.9562
31.4	--	0.9794	0.9856	0.9869	0.9482	0.9188	0.9347	0.9286
31.5	--	0.9802	0.9885	0.9897	0.9419	0.9185	0.9404	0.9493
31.6	--	0.9801	0.9880	0.9890	0.9530	0.9279	0.9494	0.9522
31.7	--	0.9767	0.9820	0.9885	0.9523	0.9103	0.9595	0.9335
31.8	--	0.9752	0.9849	0.9883	0.9563	0.8756	0.9570	0.9110
31.9	--	0.9677	0.9725	0.9860	0.9287	0.8336	0.9405	0.8765
32.0	--	0.9590	0.9697	0.9866	0.9316	0.8606	0.9537	0.8729
32.1	--	0.9646	0.9584	0.9872	0.9294	0.8384	0.9439	0.8912
32.2	--	0.9566	0.9496	0.9839	0.9198	0.7502	0.9371	0.8687
32.3	--	0.9569	0.9561	0.9854	0.9346	0.8193	0.9454	0.8749
32.4	--	0.9654	0.9607	0.9892	0.9273	0.8807	0.9535	0.8888
32.5	--	0.9716	0.9510	0.9913	0.9272	0.8699	0.9343	0.9108
32.6	--	0.9750	0.9442	0.9907	0.9463	0.8532	0.9106	0.9007
32.7	--	0.9730	0.9441	0.9846	0.9413	0.8561	0.9015	0.9038
32.8	--	0.9698	0.9395	0.9750	0.9331	0.7944	0.8643	0.9192
32.9	--	0.9798	0.9574	0.9813	0.9305	0.8595	0.8854	0.9197
33.0	--	0.9804	0.9651	0.9712	0.9485	0.8797	0.8459	0.9107
33.1	--	0.9719	0.9541	0.9367	0.9336	0.8691	0.7306	0.8803
33.2	--	0.9799	0.9563	0.9170	0.9311	0.8892	0.5570	0.8870
33.3	--	0.9775	0.9443	0.9273	0.9324	0.9196	0.2216	0.8802
33.4	--	0.9817	0.9546	0.9389	0.9389	0.9299	0.0973	0.8420
33.5	--	0.9827	0.9415	0.9056	0.9104	0.9210	0.5079	0.7137
33.6	--	0.9679	0.9197	0.9063	0.8347	0.9017	0.6243	0.4939
33.7	--	0.9716	0.9246	0.9379	0.8120	0.9111	0.8017	0.4846

33.8	--	0.9733	0.9039	0.9584	0.7906	0.9090	0.8249	0.2749
33.9	--	0.9710	0.8934	0.9667	0.7218	0.9353	0.8575	0.2482
34.0	--	0.9740	0.8808	0.9723	0.6435	0.9213	0.8492	0.2834
34.1	--	0.9772	0.9284	0.9798	0.4145	0.9223	0.8249	0.4640
34.2	--	0.9761	0.9620	0.9852	0.2110	0.9264	0.7815	0.6024
34.3	--	0.9746	0.9613	0.9843	0.1065	0.9132	0.7715	0.6496
34.4	--	0.9805	0.9637	0.9853	0.3094	0.9219	0.7003	0.7656
34.5	--	0.9743	0.9716	0.9780	0.3908	0.8865	0.5333	0.7521
34.6	--	0.9771	0.9794	0.9788	0.2851	0.8759	0.4715	0.7245
34.7	--	0.9741	0.9698	0.9766	0.3585	0.8466	0.2965	0.7319
34.8	--	0.9784	0.9799	0.9833	0.5205	0.9041	0.3765	0.8324
34.9	--	0.9858	0.9881	0.9852	0.6303	0.9252	0.2965	0.8889
35.0	--	0.9802	0.9900	0.9789	0.6321	0.9243	0.2447	0.8587
35.1	--	0.9612	0.9829	0.9615	0.4202	0.8712	0.2725	0.7141
35.2	--	0.9653	0.9778	0.9638	0.4125	0.8649	0.3804	0.6861
35.3	--	0.9685	0.9793	0.9609	0.5062	0.8613	0.1523	0.6968
35.4	--	0.9627	0.9784	0.9614	0.6453	0.8849	0.0780	0.7546
35.5	--	0.9578	0.9813	0.9551	0.6762	0.8921	0.1264	0.7869
35.6	--	0.9628	0.9812	0.9562	0.6779	0.8958	0.0017	0.7911
35.7	--	0.9706	0.9762	0.9633	0.7579	0.9237	0.0256	0.8200
35.8	--	0.9748	0.9814	0.9653	0.8153	0.9416	0.0815	0.8733
35.9	--	0.9581	0.9731	0.9376	0.7335	0.9227	0.1308	0.8205
36.0	--	0.9770	0.9817	0.9600	0.8380	0.9498	0.3150	0.8925
36.1	--	0.9819	0.9848	0.9703	0.8941	0.9559	0.4769	0.9223
36.2	--	0.9810	0.9805	0.9559	0.8971	0.9457	0.5336	0.9108
36.3	--	0.9808	0.9788	0.9490	0.9339	0.9603	0.5424	0.9238
36.4	--	0.9791	0.9746	0.9459	0.9140	0.9678	0.6126	0.9230
36.5	--	0.9786	0.9789	0.9542	0.9290	0.9607	0.7877	0.9365
36.6	--	0.9821	0.9806	0.9633	0.9462	0.9558	0.8315	0.9513
36.7	--	0.9839	0.9833	0.9639	0.9473	0.9605	0.8627	0.9548
36.8	--	0.9817	0.9841	0.9653	0.9522	0.9521	0.8618	0.9560
36.9	--	0.9777	0.9801	0.9682	0.9534	0.9316	0.8335	0.9408
37.0	--	0.9748	0.9732	0.9701	0.9472	0.9402	0.8558	0.9443
37.1	--	0.9776	0.9754	0.9770	0.9582	0.9703	0.9220	0.9528
37.2	--	0.9819	0.9781	0.9804	0.9587	0.9732	0.9412	0.9502
37.3	--	0.9759	0.9734	0.9753	0.9483	0.9584	0.9511	0.9453
37.4	--	0.9795	0.9705	0.9795	0.9454	0.9658	0.9674	0.9590
37.5	--	0.9749	0.9667	0.9737	0.9468	0.9627	0.9682	0.9494
37.6	--	0.9780	0.9701	0.9815	0.9417	0.9798	0.9793	0.9470
37.7	--	0.9812	0.9717	0.9843	0.9390	0.9807	0.9773	0.9323
37.8	--	0.9812	0.9681	0.9816	0.9343	0.9789	0.9618	0.8879
37.9	--	0.9733	0.9674	0.9797	0.9362	0.9778	0.9606	0.8088
38.0	--	0.9795	0.9688	0.9770	0.8770	0.9758	0.9495	0.6383
38.1	--	0.9764	0.9715	0.9779	0.8485	0.9820	0.9569	0.7906
38.2	--	0.9756	0.9723	0.9814	0.8496	0.9875	0.9629	0.8977
38.3	--	0.9748	0.9699	0.9809	0.8126	0.9875	0.9614	0.9425
38.4	--	0.9713	0.9767	0.9768	0.8058	0.9883	0.9724	0.9446
38.5	--	0.9735	0.9790	0.9775	0.7142	0.9913	0.9741	0.9456
38.6	--	0.9777	0.9816	0.9812	0.6382	0.9910	0.9698	0.9537
38.7	--	0.9696	0.9747	0.9756	0.5952	0.9874	0.9686	0.9275
38.8	--	0.9661	0.9796	0.9729	0.7534	0.9900	0.9625	0.9169
38.9	--	0.9783	0.9802	0.9788	0.8051	0.9929	0.9735	0.9304
39.0	--	0.9794	0.9826	0.9824	0.8018	0.9939	0.9660	0.9299
39.1	--	0.9726	0.9805	0.9732	0.8474	0.9925	0.9472	0.9216
39.2	--	0.9782	0.9754	0.9726	0.8821	0.9937	0.9443	0.9354
39.3	--	0.9830	0.9811	0.9790	0.8821	0.9923	0.9590	0.9487
39.4	--	0.9809	0.9764	0.9824	0.8047	0.9912	0.9496	0.9403
39.5	--	0.9801	0.9797	0.9832	0.7821	0.9946	0.9458	0.9480
39.6	--	0.9755	0.9717	0.9782	0.7337	0.9916	0.9341	0.9238
39.7	--	0.9729	0.9651	0.9775	0.7251	0.9920	0.9293	0.9137
39.8	--	0.9780	0.9667	0.9866	0.7419	0.9955	0.9304	0.9313
39.9	--	0.9778	0.9594	0.9839	0.6525	0.9947	0.9075	0.9302
40.0	--	0.9650	0.9605	0.9827	0.6826	0.9938	0.9174	0.9294
40.1	--	0.9638	0.9530	0.9889	0.6836	0.9939	0.9348	0.9285
40.2	--	0.9705	0.9600	0.9888	0.7774	0.9947	0.9360	0.9270
40.3	--	0.9735	0.9554	0.9864	0.7807	0.9934	0.9223	0.9085
40.4	--	0.9670	0.9411	0.9875	0.8320	0.9949	0.9264	0.9173
40.5	--	0.9540	0.9289	0.9844	0.8246	0.9947	0.9168	0.9221
40.6	--	0.9300	0.8963	0.9785	0.7470	0.9941	0.8816	0.8790
40.7	--	0.9286	0.8929	0.9754	0.6405	0.9930	0.8162	0.8831
40.8	--	0.9121	0.8892	0.9713	0.4619	0.9905	0.7653	0.8854
40.9	--	0.9332	0.8987	0.9770	0.4926	0.9922	0.7723	0.8952
41.0	--	0.9092	0.9069	0.9742	0.4290	0.9941	0.7418	0.8957
41.1	--	0.8731	0.8864	0.9702	0.3591	0.9940	0.6804	0.9028
41.2	--	0.8402	0.8838	0.9617	0.2585	0.9933	0.6470	0.9095
41.3	--	0.8576	0.8656	0.9626	0.0776	0.9924	0.5470	0.9342
41.4	--	0.8407	0.8677	0.9595	0.0467	0.9936	0.5683	0.9186
41.5	--	0.8199	0.8489	0.9424	0.0431	0.9930	0.3578	0.8972
41.6	--	0.7945	0.7253	0.9083	0.0570	0.9901	0.3622	0.9072
41.7	--	0.7879	0.7124	0.9037	0.0440	0.9915	0.2544	0.8964
41.8	--	0.7891	0.7615	0.9037	0.1038	0.9921	0.3138	0.9025
41.9	--	0.8099	0.8042	0.9066	0.1678	0.9948	0.4904	0.9435
42.0	--	0.8058	0.7274	0.8831	0.3178	0.9939	0.5734	0.9528
42.1	--	0.7188	0.6175	0.8182	0.3073	0.9918	0.5594	0.9471
42.2	--	0.7425	0.6601	0.8576	0.4008	0.9930	0.6360	0.9577
42.3	--	0.7567	0.6740	0.8521	0.4532	0.9938	0.7020	0.9626

42.4	--	0.7552	0.6559	0.8391	0.5130	0.9938	0.7155	0.9662
42.5	--	0.7027	0.6840	0.8287	0.5247	0.9940	0.7277	0.9681
42.6	--	0.6734	0.7203	0.8535	0.5002	0.9915	0.7657	0.9697
42.7	--	0.6653	0.6142	0.7896	0.5625	0.9889	0.7675	0.9613
42.8	--	0.5545	0.5566	0.7172	0.5082	0.9881	0.7305	0.9573
42.9	--	0.5493	0.4347	0.7047	0.5484	0.9879	0.7071	0.9458
43.0	--	0.6107	0.3953	0.6998	0.6960	0.9900	0.7849	0.9639
43.1	--	0.5403	0.4821	0.7221	0.6464	0.9875	0.7229	0.9507
43.2	--	0.6029	0.5342	0.7350	0.7319	0.9903	0.7894	0.9618
43.3	--	0.6158	0.5395	0.7600	0.7250	0.9892	0.7936	0.9583
43.4	--	0.6080	0.4887	0.7576	0.7592	0.9839	0.8320	0.9601
43.5	--	0.5996	0.6135	0.8305	0.7381	0.9889	0.8144	0.9655
43.6	--	0.4735	0.6006	0.8166	0.6095	0.9889	0.7032	0.9435
43.7	--	0.4031	0.5378	0.7813	0.5277	0.9908	0.6162	0.9344
43.8	--	0.4989	0.4186	0.7401	0.5129	0.9903	0.6121	0.9315
43.9	--	0.5802	0.4006	0.7591	0.5838	0.9892	0.6602	0.9475
44.0	--	0.4817	0.3208	0.6952	0.5271	0.9840	0.5839	0.9403
44.1	--	0.4190	0.3579	0.6905	0.4225	0.9817	0.4422	0.9203
44.2	--	0.3714	0.4366	0.7601	0.4308	0.9809	0.3910	0.9242
44.3	--	0.4470	0.4052	0.7076	0.5000	0.9728	0.4563	0.9332
44.4	--	0.4415	0.5779	0.7768	0.5269	0.9780	0.5967	0.9377
44.5	--	0.3050	0.5455	0.7887	0.4772	0.9738	0.5854	0.9281
44.6	--	0.4670	0.4831	0.7636	0.3370	0.9747	0.5909	0.9329
44.7	--	0.5794	0.5609	0.7998	0.3093	0.9798	0.6460	0.9388
44.8	--	0.4430	0.3704	0.7213	0.4435	0.9781	0.6126	0.9427
44.9	--	0.4281	0.3056	0.7173	0.5021	0.9767	0.3822	0.9241
45.0	--	0.5052	0.3866	0.7201	0.5291	0.9780	0.3420	0.9329
45.1	--	0.5292	0.3372	0.6952	0.4862	0.9793	0.4177	0.9381
45.2	--	0.3930	0.2554	0.5878	0.3589	0.9696	0.3458	0.9063
45.3	--	0.5261	0.4175	0.6213	0.3461	0.9686	0.4881	0.9238
45.4	--	0.5372	0.4948	0.6639	0.3928	0.9710	0.5842	0.9231
45.5	--	0.4719	0.4558	0.6425	0.3420	0.9671	0.5925	0.9069
45.6	--	0.5234	0.4652	0.7163	0.2828	0.9599	0.5812	0.8731
45.7	--	0.6297	0.4907	0.7227	0.4275	0.9739	0.7011	0.8859
45.8	--	0.6640	0.4800	0.7348	0.5887	0.9861	0.7648	0.9123
45.9	--	0.6577	0.4496	0.7194	0.4749	0.9831	0.7955	0.9116
46.0	--	0.7808	0.6124	0.8386	0.5434	0.9912	0.9019	0.9420
46.1	--	0.7522	0.5601	0.8067	0.5470	0.9881	0.9012	0.9230
46.2	--	0.7098	0.5608	0.7807	0.5810	0.9877	0.9075	0.9178
46.3	--	0.7492	0.6177	0.7713	0.6372	0.9880	0.9257	0.9344
46.4	--	0.7450	0.6223	0.7790	0.5915	0.9840	0.9444	0.9154
46.5	--	0.7848	0.7065	0.8589	0.5111	0.9886	0.9672	0.9161
46.6	--	0.8070	0.6793	0.8732	0.4388	0.9930	0.9747	0.9064
46.7	--	0.8459	0.7220	0.8795	0.5766	0.9924	0.9787	0.9316
46.8	--	0.8606	0.7045	0.8948	0.5780	0.9887	0.9821	0.9370
46.9	--	0.9093	0.7939	0.9160	0.6192	0.9887	0.9893	0.9415
47.0	--	0.9296	0.8305	0.9194	0.6337	0.9860	0.9894	0.9317
47.1	--	0.9193	0.8458	0.9083	0.6697	0.9797	0.9865	0.9246
47.2	--	0.9109	0.7664	0.8824	0.7050	0.9704	0.9801	0.9048
47.3	--	0.8518	0.7042	0.8213	0.6343	0.9380	0.9605	0.8685
47.4	--	0.8621	0.6969	0.8254	0.7249	0.9575	0.9646	0.9083
47.5	--	0.9043	0.7740	0.8785	0.8303	0.9557	0.9667	0.9253
47.6	--	0.8812	0.6953	0.8488	0.8099	0.9260	0.9448	0.8744
47.7	--	0.8854	0.7325	0.8556	0.8679	0.9314	0.9465	0.9076
47.8	--	0.9250	0.8091	0.9071	0.9171	0.9634	0.9574	0.9419
47.9	--	0.9344	0.7805	0.9037	0.9185	0.9612	0.9387	0.9323
48.0	--	0.9053	0.6870	0.8394	0.8846	0.9357	0.8958	0.9124
48.1	--	0.8910	0.6815	0.8401	0.8680	0.9485	0.8674	0.9123
48.2	--	0.9121	0.7052	0.8851	0.8862	0.9578	0.7983	0.9026
48.3	--	0.9020	0.7250	0.8999	0.8731	0.9533	0.7537	0.8875
48.4	--	0.8869	0.7745	0.8968	0.8515	0.9587	0.7394	0.8824
48.5	--	0.8725	0.7845	0.8556	0.8469	0.9625	0.6675	0.8833
48.6	--	0.8900	0.7835	0.8854	0.8917	0.9637	0.6458	0.9034
48.7	--	0.9041	0.7899	0.8643	0.8906	0.9557	0.6827	0.9118
48.8	--	0.9182	0.7306	0.8517	0.8347	0.9508	0.6211	0.8596
48.9	--	0.8886	0.6949	0.8398	0.7903	0.9442	0.5691	0.8471
49.0	--	0.8833	0.7054	0.8525	0.7977	0.9516	0.6153	0.8481
49.1	--	0.9055	0.7614	0.8539	0.8711	0.9606	0.7354	0.8884
49.2	--	0.8976	0.7857	0.8698	0.9122	0.9650	0.8034	0.8929
49.3	--	0.8772	0.7715	0.8681	0.9229	0.9657	0.8483	0.9039
49.4	--	0.9102	0.7579	0.8675	0.9268	0.9713	0.8328	0.9226
49.5	--	0.9098	0.7779	0.8816	0.9292	0.9625	0.8021	0.9212
49.6	--	0.8784	0.7555	0.8561	0.9385	0.9609	0.8209	0.9144
49.7	--	0.8418	0.8136	0.8396	0.9461	0.9711	0.8818	0.9020
49.8	--	0.8337	0.8355	0.8255	0.9293	0.9547	0.8261	0.8333
49.9	--	0.8492	0.8194	0.8462	0.9160	0.9646	0.8407	0.8769
50.0	--	0.8254	0.7905	0.7918	0.9122	0.9657	0.8577	0.8802
50.1	--	0.9026	0.8867	0.8309	0.9413	0.9747	0.8861	0.9343
50.2	--	0.8946	0.8373	0.8104	0.9190	0.9656	0.8409	0.9004
50.3	--	0.8781	0.8019	0.8588	0.9259	0.9675	0.8533	0.9143
50.4	--	0.8954	0.8481	0.8741	0.9197	0.9735	0.8821	0.9398
50.5	--	0.8821	0.8800	0.8333	0.9236	0.9809	0.9320	0.9506
50.6	--	0.8770	0.9020	0.8516	0.9055	0.9803	0.9195	0.9536
50.7	--	0.8544	0.8779	0.8112	0.9072	0.9804	0.9258	0.9403
50.8	--	0.8132	0.8440	0.8026	0.8983	0.9807	0.9415	0.9282
50.9	--	0.7776	0.7857	0.8005	0.9025	0.9805	0.9249	0.9388

51.0	--	0.8217	0.8543	0.8479	0.9323	0.9844	0.9502	0.9613
51.1	--	0.8159	0.8925	0.8428	0.9335	0.9876	0.9617	0.9643
51.2	--	0.8297	0.8870	0.7624	0.9278	0.9839	0.9541	0.9589
51.3	--	0.8226	0.8643	0.7695	0.9500	0.9865	0.9577	0.9652
51.4	--	0.7518	0.8137	0.7758	0.9318	0.9823	0.9548	0.9583
51.5	--	0.6999	0.8682	0.7769	0.9314	0.9855	0.9504	0.9601
51.6	--	0.5948	0.8666	0.7509	0.9017	0.9811	0.9410	0.9579
51.7	--	0.5731	0.8881	0.7584	0.8940	0.9796	0.9382	0.9590
51.8	--	0.6085	0.9233	0.7889	0.9097	0.9812	0.9078	0.9745
51.9	--	0.6550	0.9063	0.8365	0.9323	0.9829	0.9169	0.9787
52.0	--	0.7137	0.8718	0.8724	0.9120	0.9761	0.9159	0.9750
52.1	--	0.6710	0.8881	0.8303	0.9235	0.9746	0.9016	0.9782
52.2	--	0.5630	0.9081	0.8268	0.9360	0.9804	0.9376	0.9828
52.3	--	0.6001	0.8986	0.8282	0.9314	0.9815	0.9446	0.9828
52.4	--	0.6093	0.8562	0.7966	0.9374	0.9783	0.9492	0.9787
52.5	--	0.5807	0.8519	0.7355	0.9253	0.9723	0.9283	0.9757
52.6	--	0.6161	0.8888	0.8028	0.9588	0.9831	0.9480	0.9849
52.7	--	0.5868	0.8733	0.8850	0.9726	0.9896	0.9550	0.9889
52.8	--	0.4655	0.8663	0.7848	0.9544	0.9872	0.9012	0.9831
52.9	--	0.3910	0.8606	0.7661	0.9649	0.9879	0.8112	0.9822
53.0	--	0.3591	0.8769	0.8316	0.9694	0.9873	0.7848	0.9792
53.1	--	0.4070	0.8967	0.8347	0.9652	0.9875	0.8526	0.9790
53.2	--	0.4223	0.9064	0.7767	0.9735	0.9799	0.8936	0.9801
53.3	--	0.4968	0.9115	0.8146	0.9795	0.9832	0.9276	0.9798
53.4	--	0.5587	0.8829	0.7615	0.9738	0.9775	0.9141	0.9846
53.5	--	0.6173	0.8896	0.7795	0.9721	0.9778	0.9362	0.9829
53.6	--	0.6694	0.8481	0.7839	0.9715	0.9805	0.9561	0.9795
53.7	--	0.6532	0.8642	0.7385	0.9625	0.9824	0.9618	0.9758
53.8	--	0.6092	0.8719	0.7517	0.9593	0.9831	0.9608	0.9726
53.9	--	0.6288	0.8965	0.7876	0.9623	0.9853	0.9626	0.9810
54.0	--	0.5685	0.9102	0.7929	0.9647	0.9856	0.9684	0.9797
54.1	--	0.5804	0.8989	0.7622	0.9569	0.9837	0.9527	0.9752
54.2	--	0.6542	0.8573	0.7465	0.9522	0.9789	0.9356	0.9767
54.3	--	0.7903	0.8746	0.7664	0.9570	0.9853	0.9445	0.9826
54.4	--	0.6753	0.8630	0.7331	0.9381	0.9761	0.8873	0.9781
54.5	--	0.7092	0.7751	0.6453	0.9402	0.9708	0.8869	0.9723
54.6	--	0.6781	0.6911	0.6215	0.9507	0.9751	0.9017	0.9738
54.7	--	0.7382	0.7305	0.8179	0.9658	0.9858	0.9381	0.9858
54.8	--	0.7673	0.7476	0.8100	0.9692	0.9832	0.9119	0.9810
54.9	--	0.7530	0.7639	0.7168	0.9595	0.9795	0.8537	0.9819
55.0	--	0.7270	0.8208	0.7260	0.9601	0.9878	0.8600	0.9839
55.1	--	0.6742	0.7804	0.7601	0.9694	0.9895	0.8431	0.9781
55.2	--	0.6424	0.7135	0.7547	0.9608	0.9827	0.7925	0.9731
55.3	--	0.6688	0.7660	0.7104	0.9513	0.9749	0.7848	0.9708
55.4	--	0.7400	0.7521	0.7477	0.9540	0.9734	0.8471	0.9710
55.5	--	0.8145	0.8153	0.7944	0.9702	0.9732	0.8493	0.9807
55.6	--	0.8034	0.8724	0.8303	0.9776	0.9756	0.8471	0.9815
55.7	--	0.7423	0.8114	0.7712	0.9731	0.9661	0.8341	0.9675
55.8	--	0.7794	0.8384	0.7028	0.9723	0.9581	0.8050	0.9691
55.9	--	0.8283	0.8107	0.6254	0.9697	0.9387	0.6553	0.9679
56.0	--	0.7977	0.8043	0.6261	0.9710	0.9469	0.6359	0.9676
56.1	--	0.7730	0.7851	0.6048	0.9594	0.9444	0.5805	0.9566
56.2	--	0.7916	0.8151	0.6603	0.9600	0.9479	0.5169	0.9553
56.3	--	0.8319	0.8136	0.6554	0.9479	0.9400	0.4882	0.9580
56.4	--	0.8212	0.8107	0.7538	0.9569	0.9507	0.4550	0.9630
56.5	--	0.7879	0.8139	0.7325	0.9619	0.9545	0.3988	0.9574
56.6	--	0.8032	0.7939	0.7343	0.9649	0.9549	0.1686	0.9602
56.7	--	0.8088	0.7879	0.7511	0.9593	0.9605	0.2047	0.9577
56.8	--	0.7701	0.7804	0.6861	0.9517	0.9522	0.1099	0.9462
56.9	--	0.7942	0.8203	0.6337	0.9537	0.9525	0.0638	0.9498
57.0	--	0.7686	0.8335	0.6914	0.9620	0.9610	0.2678	0.9588
57.1	--	0.7927	0.8317	0.7517	0.9683	0.9728	0.3163	0.9538
57.2	--	0.8064	0.8417	0.6858	0.9665	0.9675	0.2899	0.9528
57.3	--	0.7883	0.8478	0.6124	0.9620	0.9694	0.3415	0.9503
57.4	--	0.8133	0.8615	0.4631	0.9497	0.9575	0.4304	0.9305
57.5	--	0.7668	0.8327	0.5675	0.9379	0.9594	0.3821	0.9272
57.6	--	0.7138	0.7883	0.4926	0.9254	0.9536	0.3267	0.8708
57.7	--	0.6788	0.8092	0.5401	0.9004	0.9430	0.4210	0.8257
57.8	--	0.6950	0.7931	0.5686	0.9017	0.9541	0.3700	0.7911
57.9	--	0.5847	0.6137	0.4515	0.8752	0.9324	0.1711	0.7436
58.0	--	0.6421	0.7161	0.5756	0.8765	0.9438	0.4132	0.8000
58.1	--	0.6208	0.7964	0.6539	0.8139	0.9437	0.5436	0.7646
58.2	--	0.5604	0.7786	0.6499	0.7163	0.9310	0.5715	0.7032
58.3	--	0.5848	0.7495	0.6721	0.7745	0.9336	0.4914	0.6654
58.4	--	0.6868	0.8212	0.6911	0.7804	0.9394	0.5273	0.7015
58.5	--	0.6459	0.8256	0.6717	0.6907	0.9269	0.5781	0.6826
58.6	--	0.5802	0.7933	0.6508	0.6448	0.9210	0.5079	0.6908
58.7	--	0.6088	0.7713	0.6646	0.7489	0.9244	0.4673	0.7232
58.8	--	0.7050	0.7817	0.5994	0.7472	0.9300	0.4708	0.7895
58.9	--	0.6907	0.7609	0.6363	0.6676	0.9134	0.4788	0.7752
59.0	--	0.6346	0.7408	0.6143	0.4037	0.8417	0.3082	0.5073
59.1	--	0.7545	0.7472	0.6680	0.5002	0.9090	0.3306	0.6387
59.2	--	0.8484	0.8095	0.7972	0.8250	0.9626	0.5575	0.8551
59.3	--	0.8285	0.7955	0.8435	0.8689	0.9527	0.6429	0.8438
59.4	--	0.8533	0.8269	0.8650	0.8832	0.9667	0.6247	0.8586
59.5	--	0.8490	0.8199	0.8481	0.9027	0.9661	0.5468	0.8593

59.6	--	0.8746	0.8271	0.8478	0.9100	0.9716	0.6020	0.8222
59.7	--	0.8675	0.8054	0.8177	0.9133	0.9748	0.6308	0.7693
59.8	--	0.6737	0.5986	0.6978	0.6562	0.9427	0.2466	0.5998
59.9	--	0.0272	0.0190	0.6917	0.4869	0.9198	0.1209	0.4617
60.0	--	0.0287	0.0311	0.8053	0.8372	0.9727	0.3986	0.7448
60.1	--	0.0512	0.0529	0.8672	0.8924	0.9729	0.5651	0.7746
60.2	--	0.6941	0.4901	0.8550	0.8845	0.9677	0.4241	0.7199
60.3	--	0.8393	0.5658	0.8256	0.8738	0.9719	0.5144	0.6841
60.4	--	0.8636	0.6089	0.7946	0.8132	0.9749	0.5539	0.6665
60.5	--	0.8702	0.5887	0.7713	0.7955	0.9717	0.4125	0.6968
60.6	--	0.8544	0.5935	0.7783	0.7864	0.9756	0.4654	0.7429
60.7	--	0.8542	0.6268	0.7959	0.7734	0.9699	0.4844	0.6919
60.8	--	0.8406	0.5514	0.7617	0.7810	0.9593	0.3692	0.7422
60.9	--	0.8766	0.6382	0.8225	0.8328	0.9578	0.3368	0.8096
61.0	--	0.8382	0.6689	0.7610	0.7781	0.9428	0.3373	0.7331
61.1	--	0.7933	0.5970	0.6468	0.7831	0.9392	0.1499	0.6594
61.2	--	0.8048	0.6445	0.6452	0.7875	0.9370	0.1229	0.5283
61.3	--	0.7968	0.6647	0.7425	0.7402	0.9373	0.0834	0.5144
61.4	--	0.7781	0.6988	0.7088	0.7278	0.9309	0.1285	0.6091
61.5	--	0.8080	0.6426	0.6948	0.7394	0.9380	0.0938	0.6128
61.6	--	0.7914	0.6944	0.6676	0.7363	0.9321	0.1954	0.6829
61.7	--	0.7668	0.8104	0.6293	0.8089	0.9289	0.1972	0.7446
61.8	--	0.7544	0.8322	0.6643	0.8418	0.9416	0.0729	0.6588
61.9	--	0.7711	0.8165	0.6729	0.8257	0.9437	0.0949	0.6062
62.0	--	0.7651	0.8418	0.6979	0.7909	0.9212	0.1512	0.5953
62.1	--	0.7781	0.8335	0.6975	0.7584	0.9246	0.2328	0.5318
62.2	--	0.7723	0.8951	0.7203	0.7609	0.9242	0.2598	0.5623
62.3	--	0.7633	0.9193	0.7036	0.8310	0.9104	0.2808	0.5415
62.4	--	0.7944	0.9248	0.7589	0.7971	0.9241	0.4569	0.5759
62.5	--	0.7656	0.9078	0.7182	0.7628	0.9178	0.4138	0.5405
62.6	--	0.7611	0.9144	0.5596	0.7986	0.9076	0.3087	0.4779
62.7	--	0.7014	0.9123	0.5474	0.8469	0.8992	0.2518	0.3592
62.8	--	0.7332	0.9361	0.5690	0.8517	0.9179	0.2733	0.2875
62.9	--	0.7809	0.9519	0.5731	0.8937	0.9104	0.4538	0.4080
63.0	--	0.7825	0.9520	0.4639	0.8880	0.9194	0.3658	0.2168
63.1	--	0.7361	0.9492	0.4325	0.8944	0.9372	0.4120	0.0739
63.2	--	0.6929	0.9543	0.3966	0.8994	0.9124	0.4006	0.0152
63.3	--	0.6952	0.9612	0.4234	0.8973	0.8714	0.3730	0.0053
63.4	--	0.7563	0.9669	0.5638	0.9008	0.8746	0.5070	0.0516
63.5	--	0.7362	0.9648	0.4817	0.8841	0.8219	0.4301	0.0792
63.6	--	0.7359	0.9710	0.5196	0.8560	0.8132	0.3479	0.1118
63.7	--	0.8031	0.9748	0.5065	0.8743	0.8247	0.2195	0.2790
63.8	--	0.8070	0.9710	0.4308	0.9060	0.8282	0.2706	0.4258
63.9	--	0.8195	0.9754	0.3694	0.9256	0.8075	0.3182	0.5416
64.0	--	0.8329	0.9778	0.4881	0.9338	0.7572	0.3656	0.5122
64.1	--	0.8484	0.9668	0.4858	0.8822	0.6733	0.1515	0.5147
64.2	--	0.8281	0.9716	0.4482	0.8757	0.6918	0.0825	0.5851
64.3	--	0.7908	0.9763	0.4314	0.9049	0.6529	0.0340	0.7388
64.4	--	0.7785	0.9807	0.4285	0.9045	0.6525	0.0103	0.7610
64.5	--	0.7931	0.9786	0.5387	0.9183	0.7152	0.1349	0.8191
64.6	--	0.8121	0.9781	0.5316	0.9045	0.6709	0.2947	0.8285
64.7	--	0.7382	0.9688	0.5135	0.8895	0.6577	0.5147	0.8184
64.8	--	0.7874	0.9665	0.5369	0.9272	0.6345	0.7195	0.8164
64.9	--	0.8437	0.9712	0.5652	0.9301	0.5500	0.8028	0.8116
65.0	--	0.8628	0.9716	0.4321	0.9337	0.5543	0.8439	0.8292
65.1	--	0.8410	0.9642	0.4635	0.9196	0.5045	0.8486	0.7897
65.2	--	0.8886	0.9711	0.5725	0.9498	0.4834	0.9070	0.8052
65.3	--	0.8765	0.9716	0.7058	0.9564	0.4436	0.9356	0.8379
65.4	--	0.8829	0.9701	0.7633	0.9575	0.3292	0.9334	0.8828
65.5	--	0.9052	0.9640	0.7452	0.9562	0.4081	0.9107	0.8863
65.6	--	0.9139	0.9690	0.7940	0.9621	0.5155	0.9342	0.9308
65.7	--	0.8963	0.9686	0.8044	0.9607	0.6021	0.9412	0.8968
65.8	--	0.8765	0.9687	0.7520	0.9508	0.6450	0.9407	0.8884
65.9	--	0.8954	0.9753	0.8293	0.9610	0.7727	0.9583	0.9055
66.0	--	0.8694	0.9636	0.8678	0.9654	0.8047	0.9617	0.9240
66.1	--	0.8861	0.9709	0.8853	0.9749	0.8758	0.9701	0.9374
66.2	--	0.8960	0.9642	0.8535	0.9714	0.9066	0.9727	0.9397
66.3	--	0.9063	0.9725	0.8641	0.9761	0.9051	0.9686	0.9453
66.4	--	0.9057	0.9571	0.8561	0.9721	0.9192	0.9625	0.9468
66.5	--	0.9054	0.9662	0.8642	0.9738	0.9434	0.9691	0.9556
66.6	--	0.9061	0.9668	0.9017	0.9714	0.9501	0.9676	0.9481
66.7	--	0.8812	0.9684	0.9250	0.9775	0.9465	0.9655	0.9524
66.8	--	0.8713	0.9702	0.8928	0.9802	0.9467	0.9395	0.9440
66.9	--	0.8774	0.9698	0.9123	0.9729	0.9476	0.9307	0.9530
67.0	--	0.8903	0.9774	0.9290	0.9789	0.9480	0.9455	0.9619
67.1	--	0.8971	0.9769	0.9220	0.9756	0.9506	0.9460	0.9605
67.2	--	0.9222	0.9746	0.9353	0.9693	0.9563	0.9519	0.9718
67.3	--	0.9223	0.9817	0.9360	0.9707	0.9534	0.9324	0.9731
67.4	--	0.8830	0.9817	0.9005	0.9705	0.9510	0.8451	0.9609
67.5	--	0.8862	0.9814	0.9028	0.9642	0.9631	0.8238	0.9694
67.6	--	0.8887	0.9789	0.8968	0.9550	0.9589	0.7505	0.9708
67.7	--	0.8999	0.9795	0.9264	0.9616	0.9705	0.6490	0.9753
67.8	--	0.8939	0.9781	0.9337	0.9652	0.9711	0.6374	0.9793
67.9	--	0.9070	0.9804	0.9307	0.9634	0.9667	0.7050	0.9704
68.0	--	0.8888	0.9854	0.9207	0.9731	0.9660	0.8073	0.9786
68.1	--	0.9055	0.9850	0.9299	0.9771	0.9734	0.8791	0.9821

68.2	--	0.9234	0.9872	0.9319	0.9763	0.9750	0.9104	0.9808
68.3	--	0.9077	0.9867	0.9137	0.9765	0.9741	0.8895	0.9781
68.4	--	0.8988	0.9786	0.8911	0.9682	0.9657	0.8527	0.9700
68.5	--	0.9188	0.9841	0.9092	0.9732	0.9723	0.8382	0.9714
68.6	--	0.9120	0.9849	0.9047	0.9826	0.9754	0.7025	0.9769
68.7	--	0.9131	0.9843	0.9235	0.9838	0.9769	0.4552	0.9720
68.8	--	0.9131	0.9857	0.9171	0.9802	0.9768	0.5405	0.9689
68.9	--	0.8839	0.9849	0.9166	0.9820	0.9763	0.7514	0.9769
69.0	--	0.8753	0.9850	0.9252	0.9774	0.9794	0.8217	0.9722
69.1	--	0.8967	0.9888	0.9550	0.9808	0.9830	0.8975	0.9725
69.2	--	0.8750	0.9857	0.9510	0.9817	0.9837	0.8893	0.9633
69.3	--	0.8610	0.9879	0.9490	0.9851	0.9852	0.9286	0.9705
69.4	--	0.8057	0.9864	0.9624	0.9844	0.9859	0.9397	0.9711
69.5	--	0.8140	0.9850	0.9551	0.9809	0.9827	0.9236	0.9627
69.6	--	0.8150	0.9848	0.9580	0.9821	0.9820	0.9291	0.9659
69.7	--	0.8081	0.9874	0.9683	0.9838	0.9811	0.9416	0.9691
69.8	--	0.7980	0.9858	0.9687	0.9829	0.9816	0.9578	0.9652
69.9	--	0.8610	0.9889	0.9764	0.9855	0.9828	0.9649	0.9692
70.0	--	0.8630	0.9915	0.9815	0.9869	0.9778	0.9618	0.9679
70.1	--	0.8136	0.9899	0.9753	0.9875	0.9746	0.9749	0.9711
70.2	--	0.7558	0.9886	0.9737	0.9901	0.9768	0.9757	0.9723
70.3	--	0.7467	0.9895	0.9772	0.9932	0.9801	0.9726	0.9720
70.4	--	0.7818	0.9917	0.9715	0.9942	0.9840	0.9756	0.9745
70.5	--	0.8181	0.9912	0.9769	0.9946	0.9869	0.9847	0.9803
70.6	--	0.7943	0.9905	0.9754	0.9956	0.9887	0.9812	0.9812
70.7	--	0.7776	0.9901	0.9819	0.9953	0.9897	0.9773	0.9730
70.8	--	0.7804	0.9889	0.9750	0.9946	0.9862	0.9795	0.9710
70.9	--	0.7167	0.9867	0.9728	0.9945	0.9860	0.9840	0.9772
71.0	--	0.7013	0.9891	0.9675	0.9949	0.9860	0.9882	0.9787
71.1	--	0.6996	0.9921	0.9721	0.9940	0.9890	0.9856	0.9803
71.2	--	0.6580	0.9917	0.9766	0.9948	0.9890	0.9855	0.9745
71.3	--	0.6457	0.9912	0.9758	0.9952	0.9901	0.9901	0.9809
71.4	--	0.5543	0.9904	0.9711	0.9946	0.9853	0.9870	0.9772
71.5	--	0.6272	0.9893	0.9758	0.9943	0.9782	0.9853	0.9733
71.6	--	0.6921	0.9909	0.9786	0.9952	0.9834	0.9880	0.9793
71.7	--	0.6090	0.9937	0.9855	0.9963	0.9866	0.9907	0.9827
71.8	--	0.6061	0.9925	0.9838	0.9948	0.9825	0.9889	0.9721
71.9	--	0.5013	0.9926	0.9773	0.9956	0.9867	0.9904	0.9782
72.0	--	0.4305	0.9913	0.9750	0.9955	0.9843	0.9857	0.9642
72.1	--	0.5709	0.9916	0.9773	0.9948	0.9865	0.9862	0.9685
72.2	--	0.5342	0.9925	0.9783	0.9947	0.9866	0.9909	0.9791
72.3	--	0.5142	0.9941	0.9822	0.9953	0.9867	0.9884	0.9731
72.4	--	0.5107	0.9930	0.9864	0.9960	0.9874	0.9895	0.9713
72.5	--	0.4866	0.9932	0.9873	0.9960	0.9901	0.9924	0.9743
72.6	--	0.2238	0.9900	0.9784	0.9929	0.9879	0.9862	0.9491
72.7	--	0.0284	0.9899	0.9730	0.9924	0.9836	0.9859	0.9459
72.8	--	0.0550	0.9940	0.9805	0.9950	0.9891	0.9908	0.9561
72.9	--	0.0685	0.9940	0.9851	0.9956	0.9884	0.9905	0.9541
73.0	--	0.0016	0.9938	0.9874	0.9958	0.9912	0.9921	0.9464
73.1	--	0.0763	0.9920	0.9886	0.9935	0.9863	0.9896	0.9438
73.2	--	0.0154	0.9925	0.9874	0.9942	0.9880	0.9923	0.9575
73.3	--	0.0070	0.9917	0.9801	0.9955	0.9867	0.9911	0.9435
73.4	--	0.0099	0.9927	0.9823	0.9942	0.9909	0.9923	0.9470
73.5	--	0.0943	0.9922	0.9867	0.9934	0.9929	0.9908	0.9331
73.6	--	0.0809	0.9907	0.9869	0.9904	0.9891	0.9895	0.9423
73.7	--	0.1164	0.9928	0.9895	0.9922	0.9868	0.9915	0.9391
73.8	--	0.1195	0.9939	0.9915	0.9942	0.9898	0.9925	0.9504
73.9	--	0.1565	0.9928	0.9923	0.9939	0.9892	0.9926	0.9636
74.0	--	0.2262	0.9940	0.9914	0.9932	0.9920	0.9923	0.9622
74.1	--	0.2635	0.9936	0.9924	0.9937	0.9908	0.9935	0.9640
74.2	--	0.2832	0.9928	0.9925	0.9928	0.9894	0.9916	0.9617
74.3	--	0.3810	0.9936	0.9930	0.9938	0.9867	0.9915	0.9560
74.4	--	0.4635	0.9930	0.9922	0.9939	0.9850	0.9914	0.9549
74.5	--	0.4499	0.9937	0.9912	0.9942	0.9866	0.9918	0.9616
74.6	--	0.3285	0.9934	0.9897	0.9930	0.9840	0.9886	0.9425
74.7	--	0.5066	0.9922	0.9921	0.9948	0.9858	0.9907	0.9656
74.8	--	0.4806	0.9912	0.9926	0.9942	0.9852	0.9922	0.9757
74.9	--	0.4784	0.9910	0.9902	0.9922	0.9863	0.9913	0.9653
75.0	--	0.5587	0.9903	0.9920	0.9924	0.9854	0.9894	0.9635
75.1	--	0.5697	0.9916	0.9917	0.9926	0.9853	0.9901	0.9581
75.2	--	0.5125	0.9904	0.9922	0.9911	0.9815	0.9882	0.9602
75.3	--	0.5842	0.9910	0.9925	0.9913	0.9725	0.9896	0.9667
75.4	--	0.6212	0.9933	0.9930	0.9925	0.9798	0.9918	0.9710
75.5	--	0.6928	0.9946	0.9953	0.9947	0.9821	0.9948	0.9744
75.6	--	0.6003	0.9936	0.9921	0.9928	0.9791	0.9923	0.9628
75.7	--	0.6062	0.9931	0.9901	0.9900	0.9687	0.9921	0.9677
75.8	--	0.6649	0.9930	0.9908	0.9908	0.9711	0.9921	0.9651
75.9	--	0.5207	0.9862	0.9845	0.9820	0.9558	0.9828	0.9402
76.0	--	0.5338	0.9877	0.9873	0.9854	0.9547	0.9845	0.9528
76.1	--	0.6181	0.9922	0.9908	0.9896	0.9722	0.9903	0.9678
76.2	--	0.7317	0.9927	0.9900	0.9905	0.9751	0.9906	0.9721
76.3	--	0.7361	0.9915	0.9869	0.9890	0.9694	0.9908	0.9766
76.4	--	0.6635	0.9900	0.9804	0.9883	0.9741	0.9882	0.9677
76.5	--	0.5963	0.9904	0.9798	0.9888	0.9614	0.9895	0.9763
76.6	--	0.6925	0.9900	0.9804	0.9828	0.9634	0.9887	0.9766
76.7	--	0.6882	0.9921	0.9815	0.9867	0.9716	0.9902	0.9801

76.8	--	0.6912	0.9907	0.9719	0.9817	0.9514	0.9873	0.9623
76.9	--	0.7326	0.9901	0.9652	0.9842	0.9623	0.9905	0.9742
77.0	--	0.6764	0.9881	0.9554	0.9770	0.9587	0.9860	0.9738
77.1	--	0.5909	0.9862	0.9295	0.9644	0.9610	0.9870	0.9761
77.2	--	0.5870	0.9839	0.9229	0.9716	0.9627	0.9862	0.9743
77.3	--	0.5590	0.9817	0.9182	0.9587	0.9425	0.9771	0.9588
77.4	--	0.5699	0.9822	0.9104	0.9532	0.9490	0.9800	0.9638
77.5	--	0.6398	0.9818	0.8959	0.9440	0.9560	0.9782	0.9646
77.6	--	0.6716	0.9861	0.8804	0.9642	0.9705	0.9857	0.9765
77.7	--	0.6726	0.9885	0.8624	0.9651	0.9685	0.9831	0.9717
77.8	--	0.7002	0.9891	0.8789	0.9579	0.9740	0.9835	0.9758
77.9	--	0.7339	0.9907	0.9026	0.9743	0.9755	0.9849	0.9768
78.0	--	0.7313	0.9879	0.8909	0.9709	0.9698	0.9816	0.9759
78.1	--	0.7966	0.9889	0.9072	0.9760	0.9687	0.9804	0.9741
78.2	--	0.8129	0.9848	0.9211	0.9753	0.9626	0.9692	0.9596
78.3	--	0.8351	0.9880	0.9121	0.9795	0.9743	0.9755	0.9677
78.4	--	0.8529	0.9872	0.9156	0.9815	0.9748	0.9755	0.9724
78.5	--	0.8259	0.9852	0.9117	0.9799	0.9653	0.9663	0.9608
78.6	--	0.8152	0.9868	0.9048	0.9815	0.9749	0.9699	0.9654
78.7	--	0.8290	0.9889	0.8963	0.9815	0.9841	0.9733	0.9742
78.8	--	0.8564	0.9889	0.8843	0.9831	0.9796	0.9690	0.9706
78.9	--	0.7651	0.9892	0.7981	0.9802	0.9774	0.9682	0.9713
79.0	--	0.7170	0.9831	0.5807	0.9699	0.9671	0.9455	0.9498
79.1	--	0.8454	0.9841	0.5884	0.9676	0.9767	0.9232	0.9481
79.2	--	0.8924	0.9858	0.7943	0.9719	0.9822	0.9130	0.9580
79.3	--	0.8967	0.9845	0.8370	0.9527	0.9767	0.8457	0.9396
79.4	--	0.8943	0.9836	0.8362	0.9474	0.9798	0.8246	0.9355
79.5	--	0.8819	0.9800	0.7932	0.9577	0.9735	0.7585	0.9114
79.6	--	0.9081	0.9812	0.7813	0.9557	0.9711	0.6998	0.8999
79.7	--	0.9129	0.9828	0.8013	0.9562	0.9723	0.6728	0.8994
79.8	--	0.9311	0.9901	0.8439	0.9661	0.9856	0.5730	0.9378
79.9	--	0.9297	0.9857	0.8814	0.9604	0.9804	0.4908	0.9183
80.0	--	0.9153	0.9793	0.8456	0.9619	0.9780	0.3519	0.8901

2.2.77 Run 7 – VT270 – Accels 33–40

Vertical shaking at 270°. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.0531	0.0190	0.1364	0.1063	0.3824	0.1203	0.3050	0.3134
0.1	0.0191	0.0002	0.0103	0.0009	0.0895	0.0418	0.0036	0.0274
0.2	0.1030	0.0091	0.0346	0.0019	0.0347	0.0090	0.0228	0.0099
0.3	0.0283	0.0058	0.0029	0.0001	0.0290	0.0023	0.0105	0.0189
0.4	0.0105	0.0139	0.0080	0.0128	0.0110	0.0042	0.0304	0.0017
0.5	0.0026	0.0151	0.0169	0.0104	0.0458	0.0047	0.0163	0.0268
0.6	0.0381	0.0002	0.0258	0.0110	0.0198	0.0366	0.0171	0.0580
0.7	0.0442	0.0042	0.0022	0.0020	0.0241	0.0226	0.0523	0.0209
0.8	0.0148	0.0137	0.0008	0.0036	0.0211	0.0544	0.0171	0.0185
0.9	0.0210	0.0297	0.0079	0.0081	0.0369	0.0220	0.0115	0.0224
1.0	0.0498	0.0068	0.0071	0.0481	0.0050	0.0582	0.0186	0.0141
1.1	0.0983	0.0144	0.0182	0.0468	0.0679	0.1701	0.0092	0.0334
1.2	0.0385	0.0292	0.1561	0.0499	0.0481	0.1071	0.0452	0.0238
1.3	0.0874	0.0460	0.1573	0.1414	0.0518	0.0901	0.0138	0.0026
1.4	0.2192	0.0482	0.0948	0.1835	0.0047	0.1592	0.1316	0.0092
1.5	0.2651	0.0578	0.1444	0.1091	0.0119	0.2406	0.2339	0.0310
1.6	0.3540	0.0655	0.2121	0.3087	0.0085	0.2432	0.0645	0.0099
1.7	0.3305	0.0724	0.3055	0.3078	0.0019	0.2787	0.0187	0.0089
1.8	0.5345	0.0619	0.4491	0.3951	0.0053	0.3325	0.0794	0.0344
1.9	0.8327	0.2817	0.6991	0.6008	0.0091	0.4159	0.3859	0.0187
2.0	0.8747	0.2964	0.7799	0.8285	0.0158	0.5045	0.4835	0.0014
2.1	0.8989	0.3406	0.7985	0.8869	0.0290	0.5937	0.6799	0.0122
2.2	0.8210	0.2678	0.8226	0.7764	0.0427	0.4955	0.7620	0.0034
2.3	0.4065	0.0979	0.6956	0.3898	0.0071	0.1714	0.4381	0.0018
2.4	0.2835	0.2445	0.7004	0.2815	0.0394	0.3973	0.2579	0.0558
2.5	0.4925	0.3033	0.8794	0.4894	0.0215	0.7214	0.4313	0.0621
2.6	0.7495	0.1739	0.9564	0.7591	0.0194	0.8997	0.5098	0.0688
2.7	0.9414	0.1054	0.9495	0.9329	0.0136	0.9220	0.4297	0.1230
2.8	0.9336	0.1183	0.9408	0.9176	0.0041	0.9029	0.0845	0.1712
2.9	0.9231	0.1060	0.9445	0.9137	0.0268	0.8883	0.0209	0.0602
3.0	0.8508	0.1623	0.9389	0.8627	0.0044	0.8482	0.0133	0.0023
3.1	0.7880	0.2057	0.9361	0.7706	0.0179	0.8175	0.0034	0.0007
3.2	0.8079	0.0953	0.9250	0.7905	0.0247	0.8791	0.0397	0.0680
3.3	0.8048	0.0312	0.9205	0.8485	0.0194	0.8796	0.0276	0.0849
3.4	0.6722	0.0107	0.9314	0.7005	0.0097	0.8164	0.0280	0.0055
3.5	0.4988	0.0407	0.8909	0.4942	0.0398	0.7281	0.0331	0.0195
3.6	0.4720	0.0574	0.7840	0.4713	0.0242	0.5983	0.0234	0.0255
3.7	0.6898	0.1402	0.9212	0.6974	0.1108	0.7831	0.1397	0.0457
3.8	0.8876	0.3932	0.9850	0.8797	0.0221	0.9454	0.5507	0.0309
3.9	0.9663	0.7013	0.9971	0.9693	0.0048	0.9891	0.8429	0.1293
4.0	0.9822	0.7350	0.9974	0.9852	0.0124	0.9939	0.9221	0.3618
4.1	0.9839	0.5250	0.9966	0.9830	0.0031	0.9935	0.8775	0.3759
4.2	0.9742	0.4046	0.9964	0.9712	0.0033	0.9937	0.8399	0.2638
4.3	0.9597	0.3580	0.9966	0.9502	0.0009	0.9911	0.7807	0.3497
4.4	0.9322	0.5364	0.9952	0.9262	0.0311	0.9894	0.6206	0.4645
4.5	0.8930	0.6240	0.9944	0.9101	0.0018	0.9859	0.3372	0.6480
4.6	0.8301	0.6786	0.9920	0.8740	0.0089	0.9787	0.0408	0.6776
4.7	0.6280	0.5447	0.9838	0.6965	0.0609	0.9641	0.0859	0.4433
4.8	0.7843	0.7937	0.9895	0.8256	0.0896	0.9690	0.4718	0.7309
4.9	0.8049	0.7443	0.9881	0.8470	0.0375	0.9555	0.5818	0.6584
5.0	0.6441	0.5436	0.9855	0.7197	0.0015	0.9585	0.1180	0.5920
5.1	0.8095	0.7672	0.9924	0.8465	0.0105	0.9797	0.4905	0.8033
5.2	0.7989	0.6722	0.9913	0.8030	0.0805	0.9752	0.5481	0.7309
5.3	0.6296	0.2850	0.9887	0.7183	0.0175	0.9532	0.5445	0.6021
5.4	0.0715	0.0483	0.9792	0.3322	0.0302	0.9224	0.5532	0.3514
5.5	0.4896	0.2068	0.9918	0.2229	0.0380	0.9699	0.6155	0.4790
5.6	0.8548	0.5460	0.9982	0.8748	0.0576	0.9941	0.9121	0.7081
5.7	0.9051	0.7935	0.9981	0.9120	0.0600	0.9956	0.9111	0.7569
5.8	0.9243	0.9378	0.9984	0.9411	0.0825	0.9959	0.9124	0.8505
5.9	0.9610	0.9478	0.9980	0.9700	0.1252	0.9960	0.9410	0.7790
6.0	0.9844	0.9584	0.9984	0.9839	0.1611	0.9976	0.9774	0.8414
6.1	0.9826	0.9421	0.9960	0.9837	0.0993	0.9972	0.9808	0.8043
6.2	0.9828	0.9505	0.9961	0.9863	0.0600	0.9968	0.9845	0.8525
6.3	0.9876	0.9714	0.9971	0.9911	0.0739	0.9980	0.9906	0.8864
6.4	0.9859	0.9600	0.9966	0.9884	0.0788	0.9980	0.9873	0.7862
6.5	0.9795	0.9489	0.9952	0.9828	0.0146	0.9978	0.9884	0.7405
6.6	0.9716	0.9416	0.9951	0.9772	0.0251	0.9971	0.9917	0.7572
6.7	0.9671	0.9564	0.9904	0.9712	0.0384	0.9949	0.9784	0.7284
6.8	0.9677	0.9586	0.9877	0.9699	0.0506	0.9941	0.9815	0.8636
6.9	0.9443	0.9606	0.9701	0.9434	0.0142	0.9905	0.9663	0.8465
7.0	0.9344	0.9668	0.9610	0.9366	0.1197	0.9878	0.9474	0.8785
7.1	0.9130	0.9651	0.9415	0.9151	0.3668	0.9832	0.9134	0.8856
7.2	0.9009	0.9225	0.9170	0.9050	0.2884	0.9677	0.8887	0.8763
7.3	0.9518	0.8726	0.9561	0.9545	0.3493	0.9617	0.9200	0.7581
7.4	0.9400	0.8703	0.9251	0.9388	0.3967	0.9703	0.9122	0.7694
7.5	0.9526	0.8636	0.9223	0.9542	0.3934	0.9918	0.9514	0.8359
7.6	0.9806	0.8932	0.9439	0.9821	0.4773	0.9939	0.9875	0.8921
7.7	0.9828	0.9320	0.9295	0.9870	0.2274	0.9884	0.9899	0.8982
7.8	0.9886	0.9297	0.9112	0.9926	0.0434	0.9819	0.9925	0.8858
7.9	0.9833	0.8648	0.9406	0.9870	0.1921	0.9867	0.9924	0.8724

8.0	0.9848	0.8001	0.9607	0.9881	0.1940	0.9927	0.9905	0.8041
8.1	0.9906	0.8886	0.9633	0.9937	0.1068	0.9910	0.9865	0.8035
8.2	0.9884	0.8281	0.9797	0.9918	0.0957	0.9944	0.9867	0.8003
8.3	0.9879	0.7570	0.9773	0.9919	0.0785	0.9934	0.9871	0.6568
8.4	0.9900	0.7222	0.9882	0.9936	0.0743	0.9960	0.9860	0.5775
8.5	0.9922	0.7276	0.9876	0.9954	0.0585	0.9945	0.9872	0.4809
8.6	0.9940	0.7632	0.9845	0.9955	0.0602	0.9914	0.9909	0.2327
8.7	0.9936	0.7894	0.9842	0.9951	0.1172	0.9895	0.9905	0.4845
8.8	0.9886	0.7988	0.9786	0.9908	0.1216	0.9834	0.9876	0.5424
8.9	0.9911	0.7910	0.9817	0.9923	0.0538	0.9848	0.9878	0.6993
9.0	0.9771	0.8154	0.9707	0.9796	0.2345	0.9721	0.9327	0.6532
9.1	0.9864	0.9148	0.9845	0.9883	0.2541	0.9854	0.8363	0.7447
9.2	0.9614	0.9054	0.9441	0.9624	0.1918	0.9462	0.9459	0.8567
9.3	0.9388	0.8950	0.9341	0.9405	0.4128	0.9336	0.9795	0.8989
9.4	0.9308	0.9261	0.9329	0.9314	0.5084	0.9313	0.9709	0.8880
9.5	0.9196	0.9422	0.9379	0.9214	0.5837	0.9357	0.9648	0.8891
9.6	0.9510	0.9664	0.9667	0.9535	0.6257	0.9657	0.9834	0.9298
9.7	0.9589	0.9658	0.9752	0.9626	0.5776	0.9749	0.9835	0.9217
9.8	0.9701	0.9725	0.9864	0.9735	0.5238	0.9866	0.9810	0.9292
9.9	0.9706	0.9633	0.9898	0.9768	0.4870	0.9903	0.9830	0.9013
10.0	0.9753	0.9479	0.9941	0.9803	0.5029	0.9946	0.9833	0.9157
10.1	0.9795	0.9550	0.9945	0.9830	0.5525	0.9955	0.9782	0.8700
10.2	0.9823	0.9630	0.9967	0.9852	0.5085	0.9973	0.9609	0.8218
10.3	0.9759	0.9604	0.9987	0.9853	0.4711	0.9988	0.9229	0.7752
10.4	0.9677	0.9482	0.9985	0.9797	0.4944	0.9989	0.8699	0.6348
10.5	0.9771	0.9795	0.9988	0.9880	0.5517	0.9991	0.9165	0.7166
10.6	0.9665	0.9728	0.9963	0.9807	0.4823	0.9972	0.9248	0.7362
10.7	0.9697	0.9737	0.9967	0.9807	0.5713	0.9976	0.9390	0.7638
10.8	0.9567	0.9805	0.9959	0.9715	0.5490	0.9976	0.9134	0.7344
10.9	0.9494	0.9793	0.9961	0.9655	0.5302	0.9982	0.8521	0.6865
11.0	0.9450	0.9855	0.9979	0.9709	0.6803	0.9991	0.9156	0.7872
11.1	0.9369	0.9881	0.9982	0.9716	0.7384	0.9993	0.9205	0.7831
11.2	0.8660	0.9861	0.9967	0.9389	0.7316	0.9988	0.8517	0.7870
11.3	0.8303	0.9877	0.9975	0.9324	0.7333	0.9990	0.8846	0.8038
11.4	0.8649	0.9888	0.9973	0.9268	0.7846	0.9992	0.8919	0.8085
11.5	0.8500	0.9913	0.9968	0.9120	0.7258	0.9994	0.8923	0.8340
11.6	0.6558	0.9911	0.9953	0.8564	0.7276	0.9992	0.8978	0.8444
11.7	0.6680	0.9932	0.9958	0.7526	0.7437	0.9994	0.9168	0.8686
11.8	0.6678	0.9924	0.9929	0.5963	0.7153	0.9994	0.8881	0.9013
11.9	0.6732	0.9938	0.9931	0.5470	0.7255	0.9994	0.8934	0.9166
12.0	0.7050	0.9949	0.9929	0.4815	0.7284	0.9995	0.9049	0.9483
12.1	0.8266	0.9913	0.9906	0.2832	0.7624	0.9995	0.8609	0.9651
12.2	0.8857	0.9905	0.9926	0.0659	0.8004	0.9996	0.9103	0.9691
12.3	0.8809	0.9880	0.9932	0.0130	0.7807	0.9992	0.9337	0.9630
12.4	0.9108	0.9837	0.9960	0.2890	0.8194	0.9991	0.9258	0.9524
12.5	0.9472	0.9882	0.9973	0.6304	0.8809	0.9993	0.9491	0.9518
12.6	0.9552	0.9859	0.9961	0.7644	0.8538	0.9992	0.9623	0.9443
12.7	0.9506	0.9810	0.9952	0.7965	0.9100	0.9988	0.9594	0.9078
12.8	0.9420	0.9779	0.9927	0.8683	0.9353	0.9985	0.9554	0.8833
12.9	0.9506	0.9790	0.9900	0.8840	0.9389	0.9987	0.9428	0.8746
13.0	0.9582	0.9871	0.9904	0.9329	0.9567	0.9987	0.9603	0.8741
13.1	0.9552	0.9916	0.9902	0.9444	0.9654	0.9989	0.9736	0.8766
13.2	0.9409	0.9928	0.9763	0.9027	0.9718	0.9981	0.9728	0.8655
13.3	0.9324	0.9947	0.9751	0.9039	0.9716	0.9981	0.9749	0.8901
13.4	0.9139	0.9976	0.9818	0.9171	0.9817	0.9987	0.9821	0.8933
13.5	0.8760	0.9963	0.9780	0.8377	0.9705	0.9980	0.9792	0.8533
13.6	0.8055	0.9969	0.9725	0.6793	0.9676	0.9969	0.9818	0.8834
13.7	0.8113	0.9969	0.9706	0.4989	0.9660	0.9970	0.9874	0.9141
13.8	0.8421	0.9974	0.9756	0.3482	0.9826	0.9977	0.9869	0.9010
13.9	0.7668	0.9976	0.9696	0.3731	0.9778	0.9969	0.9866	0.8821
14.0	0.7022	0.9967	0.9601	0.6639	0.9748	0.9963	0.9775	0.8469
14.1	0.7594	0.9974	0.9664	0.7861	0.9773	0.9952	0.9830	0.8802
14.2	0.6818	0.9970	0.9644	0.8312	0.9758	0.9946	0.9845	0.8519
14.3	0.6486	0.9961	0.9687	0.8881	0.9761	0.9949	0.9811	0.8516
14.4	0.7133	0.9964	0.9821	0.9299	0.9822	0.9955	0.9822	0.8534
14.5	0.6896	0.9964	0.9831	0.9195	0.9851	0.9928	0.9789	0.8902
14.6	0.5432	0.9955	0.9799	0.9052	0.9834	0.9876	0.9626	0.8411
14.7	0.5693	0.9951	0.9750	0.9242	0.9850	0.9801	0.9516	0.7575
14.8	0.4862	0.9960	0.9851	0.9512	0.9855	0.9794	0.9615	0.6509
14.9	0.6492	0.9958	0.9867	0.9524	0.9846	0.9708	0.9534	0.1650
15.0	0.7886	0.9906	0.9896	0.9605	0.9889	0.9776	0.9561	0.2982
15.1	0.8512	0.9840	0.9903	0.9436	0.9853	0.9800	0.9311	0.6622
15.2	0.8899	0.9830	0.9939	0.9132	0.9831	0.9749	0.9034	0.7777
15.3	0.9465	0.9859	0.9911	0.9183	0.9814	0.9765	0.9429	0.8926
15.4	0.9636	0.9866	0.9868	0.9079	0.9849	0.9739	0.9530	0.8933
15.5	0.9439	0.9717	0.9692	0.7980	0.9645	0.9649	0.9602	0.9054
15.6	0.9617	0.9775	0.9758	0.4389	0.9750	0.9734	0.9647	0.9339
15.7	0.9399	0.9619	0.9596	0.0615	0.9584	0.9563	0.9591	0.9367
15.8	0.9376	0.9562	0.9575	0.5786	0.9554	0.9516	0.9595	0.9183
15.9	0.9560	0.9665	0.9711	0.8678	0.9682	0.9653	0.9642	0.9306
16.0	0.9659	0.9689	0.9753	0.9236	0.9712	0.9714	0.9670	0.9553
16.1	0.9808	0.9814	0.9861	0.9594	0.9821	0.9827	0.9740	0.9640
16.2	0.9909	0.9882	0.9910	0.9725	0.9884	0.9878	0.9759	0.9609
16.3	0.9899	0.9866	0.9898	0.9569	0.9871	0.9878	0.9748	0.9615
16.4	0.9894	0.9900	0.9909	0.9458	0.9883	0.9853	0.9740	0.9241
16.5	0.9873	0.9948	0.9944	0.9427	0.9934	0.9902	0.9683	0.9308

16.6	0.9833	0.9973	0.9959	0.9409	0.9970	0.9880	0.9445	0.8866
16.7	0.9669	0.9960	0.9963	0.9270	0.9965	0.9876	0.9218	0.7926
16.8	0.9628	0.9887	0.9970	0.9487	0.9909	0.9638	0.9143	0.7293
16.9	0.9535	0.9893	0.9917	0.9511	0.9914	0.9604	0.8398	0.6711
17.0	0.9572	0.9943	0.9924	0.9621	0.9934	0.9819	0.7374	0.5991
17.1	0.9413	0.9937	0.9855	0.9578	0.9928	0.9737	0.3804	0.4964
17.2	0.9133	0.9919	0.9955	0.9501	0.9911	0.9704	0.0979	0.6848
17.3	0.9068	0.9953	0.9984	0.9626	0.9945	0.9798	0.6643	0.7654
17.4	0.9419	0.9981	0.9988	0.9841	0.9961	0.9882	0.8469	0.8035
17.5	0.9626	0.9982	0.9975	0.9909	0.9964	0.9946	0.7909	0.8058
17.6	0.9296	0.9976	0.9979	0.9895	0.9971	0.9914	0.4135	0.8317
17.7	0.9120	0.9982	0.9975	0.9897	0.9970	0.9917	0.6454	0.8863
17.8	0.9183	0.9990	0.9977	0.9928	0.9972	0.9921	0.8977	0.9010
17.9	0.9432	0.9992	0.9977	0.9939	0.9974	0.9929	0.9290	0.8828
18.0	0.9597	0.9987	0.9969	0.9941	0.9960	0.9928	0.9282	0.8554
18.1	0.9675	0.9984	0.9968	0.9948	0.9969	0.9936	0.9430	0.8528
18.2	0.9705	0.9979	0.9929	0.9922	0.9953	0.9941	0.9541	0.8078
18.3	0.9669	0.9979	0.9927	0.9908	0.9938	0.9944	0.9624	0.8298
18.4	0.9590	0.9977	0.9930	0.9917	0.9957	0.9915	0.9741	0.8711
18.5	0.9063	0.9941	0.9584	0.9678	0.9942	0.9633	0.9679	0.8761
18.6	0.8602	0.9944	0.8792	0.9060	0.9930	0.9478	0.9569	0.8916
18.7	0.9398	0.9969	0.9486	0.9316	0.9948	0.9667	0.9526	0.8767
18.8	0.9878	0.9973	0.9916	0.9893	0.9964	0.9942	0.9708	0.9018
18.9	0.9880	0.9971	0.9914	0.9935	0.9960	0.9973	0.9776	0.8994
19.0	0.9827	0.9942	0.9878	0.9898	0.9950	0.9947	0.9647	0.8584
19.1	0.9899	0.9941	0.9945	0.9941	0.9950	0.9966	0.9680	0.8924
19.2	0.9878	0.9915	0.9960	0.9940	0.9936	0.9974	0.9662	0.8287
19.3	0.9898	0.9902	0.9971	0.9937	0.9944	0.9981	0.9827	0.8319
19.4	0.9918	0.9885	0.9973	0.9938	0.9930	0.9984	0.9835	0.8248
19.5	0.9911	0.9837	0.9966	0.9927	0.9923	0.9965	0.9764	0.7122
19.6	0.9908	0.9811	0.9974	0.9912	0.9930	0.9968	0.9843	0.7276
19.7	0.9910	0.9788	0.9976	0.9902	0.9951	0.9966	0.9852	0.7232
19.8	0.9904	0.9608	0.9979	0.9900	0.9936	0.9963	0.9875	0.7405
19.9	0.9899	0.9501	0.9979	0.9936	0.9943	0.9946	0.9917	0.7876
20.0	0.9849	0.9231	0.9970	0.9924	0.9917	0.9940	0.9914	0.7618
20.1	0.9854	0.8949	0.9964	0.9903	0.9905	0.9943	0.9873	0.7230
20.2	0.9876	0.9026	0.9981	0.9902	0.9899	0.9966	0.9881	0.7898
20.3	0.9893	0.9018	0.9985	0.9901	0.9903	0.9970	0.9885	0.8165
20.4	0.9851	0.9389	0.9981	0.9882	0.9919	0.9978	0.9853	0.7648
20.5	0.9855	0.9519	0.9978	0.9898	0.9919	0.9980	0.9846	0.8172
20.6	0.9879	0.9704	0.9984	0.9893	0.9909	0.9983	0.9830	0.8504
20.7	0.9884	0.9703	0.9981	0.9883	0.9933	0.9974	0.9911	0.8659
20.8	0.9894	0.9753	0.9980	0.9882	0.9936	0.9969	0.9889	0.9069
20.9	0.9890	0.9795	0.9981	0.9894	0.9942	0.9970	0.9869	0.9123
21.0	0.9858	0.9798	0.9977	0.9860	0.9924	0.9964	0.9861	0.8932
21.1	0.9810	0.9792	0.9966	0.9781	0.9915	0.9952	0.9824	0.8086
21.2	0.9810	0.9853	0.9966	0.9803	0.9919	0.9951	0.9834	0.8360
21.3	0.9821	0.9888	0.9965	0.9826	0.9920	0.9944	0.9817	0.8450
21.4	0.9814	0.9854	0.9950	0.9742	0.9906	0.9933	0.9720	0.8239
21.5	0.9828	0.9901	0.9963	0.9742	0.9925	0.9931	0.9647	0.8536
21.6	0.9847	0.9913	0.9962	0.9744	0.9929	0.9912	0.9493	0.8581
21.7	0.9818	0.9900	0.9961	0.9720	0.9893	0.9888	0.9263	0.8445
21.8	0.9834	0.9907	0.9966	0.9699	0.9893	0.9873	0.9228	0.8101
21.9	0.9845	0.9887	0.9965	0.9750	0.9884	0.9890	0.8907	0.8225
22.0	0.9890	0.9922	0.9969	0.9801	0.9909	0.9900	0.9012	0.8785
22.1	0.9907	0.9942	0.9977	0.9824	0.9939	0.9866	0.9002	0.8869
22.2	0.9889	0.9931	0.9975	0.9803	0.9906	0.9898	0.8860	0.9054
22.3	0.9872	0.9904	0.9978	0.9768	0.9874	0.9923	0.8634	0.9165
22.4	0.9877	0.9887	0.9979	0.9809	0.9873	0.9925	0.8440	0.9150
22.5	0.9856	0.9880	0.9979	0.9782	0.9836	0.9921	0.8389	0.9148
22.6	0.9846	0.9751	0.9978	0.9747	0.9788	0.9896	0.8344	0.9043
22.7	0.9900	0.9841	0.9986	0.9873	0.9881	0.9946	0.9030	0.9524
22.8	0.9862	0.9758	0.9984	0.9825	0.9822	0.9925	0.8927	0.9441
22.9	0.9871	0.9653	0.9982	0.9827	0.9813	0.9934	0.8401	0.9472
23.0	0.9895	0.9647	0.9981	0.9867	0.9845	0.9900	0.7897	0.9488
23.1	0.9876	0.9550	0.9986	0.9845	0.9824	0.9858	0.6492	0.9546
23.2	0.9932	0.9590	0.9992	0.9907	0.9894	0.9921	0.5880	0.9666
23.3	0.9939	0.9547	0.9992	0.9910	0.9901	0.9934	0.5849	0.9597
23.4	0.9910	0.9017	0.9988	0.9878	0.9829	0.9888	0.6375	0.9420
23.5	0.9918	0.8445	0.9987	0.9887	0.9833	0.9884	0.6851	0.9445
23.6	0.9956	0.8117	0.9991	0.9924	0.9903	0.9917	0.7395	0.9440
23.7	0.9955	0.6500	0.9992	0.9926	0.9903	0.9938	0.8187	0.9454
23.8	0.9964	0.4508	0.9994	0.9950	0.9915	0.9958	0.8636	0.9446
23.9	0.9966	0.1655	0.9992	0.9928	0.9889	0.9942	0.8640	0.9119
24.0	0.9941	0.0813	0.9986	0.9922	0.9879	0.9912	0.8347	0.8651
24.1	0.9944	0.3105	0.9984	0.9916	0.9863	0.9920	0.8355	0.8650
24.2	0.9960	0.6437	0.9989	0.9935	0.9905	0.9943	0.8310	0.8945
24.3	0.9956	0.7760	0.9992	0.9945	0.9922	0.9961	0.8456	0.8749
24.4	0.9934	0.8095	0.9989	0.9930	0.9871	0.9938	0.7992	0.8704
24.5	0.9922	0.8467	0.9988	0.9937	0.9838	0.9936	0.8079	0.8424
24.6	0.9917	0.8568	0.9986	0.9939	0.9844	0.9932	0.8007	0.8099
24.7	0.9943	0.9105	0.9988	0.9946	0.9878	0.9957	0.8979	0.8557
24.8	0.9929	0.9149	0.9985	0.9941	0.9828	0.9962	0.9009	0.8447
24.9	0.9942	0.9221	0.9988	0.9934	0.9838	0.9970	0.9499	0.8550
25.0	0.9936	0.9401	0.9990	0.9923	0.9854	0.9978	0.9614	0.8934
25.1	0.9926	0.9559	0.9987	0.9928	0.9866	0.9971	0.9627	0.8910

25.2	0.9895	0.9527	0.9985	0.9903	0.9811	0.9946	0.9451	0.8486
25.3	0.9907	0.9424	0.9985	0.9904	0.9769	0.9946	0.9410	0.8239
25.4	0.9915	0.9368	0.9990	0.9923	0.9813	0.9961	0.9181	0.8770
25.5	0.9874	0.9459	0.9986	0.9919	0.9785	0.9955	0.8720	0.8613
25.6	0.9835	0.9507	0.9985	0.9875	0.9714	0.9946	0.8476	0.7983
25.7	0.9855	0.9555	0.9987	0.9828	0.9591	0.9936	0.8387	0.8198
25.8	0.9898	0.9662	0.9988	0.9855	0.9669	0.9952	0.8224	0.8186
25.9	0.9923	0.9765	0.9989	0.9740	0.9705	0.9962	0.8420	0.8538
26.0	0.9922	0.9789	0.9979	0.9721	0.9696	0.9960	0.8613	0.8382
26.1	0.9897	0.9739	0.9976	0.9565	0.9405	0.9951	0.8051	0.7611
26.2	0.9897	0.9801	0.9976	0.9484	0.9331	0.9948	0.7854	0.6769
26.3	0.9946	0.9865	0.9981	0.9181	0.9400	0.9955	0.8373	0.6537
26.4	0.9963	0.9914	0.9986	0.8297	0.9289	0.9967	0.8476	0.6039
26.5	0.9942	0.9896	0.9982	0.5216	0.9248	0.9956	0.8127	0.5490
26.6	0.9926	0.9904	0.9987	0.1607	0.8878	0.9969	0.8392	0.5670
26.7	0.9946	0.9947	0.9990	0.6069	0.8726	0.9976	0.8727	0.6436
26.8	0.9944	0.9924	0.9988	0.7767	0.8625	0.9972	0.8389	0.5497
26.9	0.9931	0.9915	0.9981	0.8315	0.8352	0.9974	0.7602	0.4052
27.0	0.9918	0.9898	0.9972	0.8737	0.7833	0.9972	0.8248	0.4061
27.1	0.9935	0.9926	0.9974	0.9330	0.6056	0.9974	0.8478	0.5133
27.2	0.9938	0.9928	0.9968	0.9467	0.3704	0.9963	0.8229	0.6591
27.3	0.9942	0.9908	0.9950	0.9493	0.0875	0.9949	0.7598	0.7593
27.4	0.9951	0.9921	0.9951	0.9716	0.1392	0.9956	0.7351	0.7796
27.5	0.9951	0.9941	0.9952	0.9791	0.4284	0.9959	0.7423	0.7784
27.6	0.9947	0.9944	0.9924	0.9796	0.5770	0.9960	0.6469	0.7475
27.7	0.9943	0.9935	0.9899	0.9825	0.7524	0.9953	0.6184	0.7656
27.8	0.9961	0.9946	0.9914	0.9850	0.8485	0.9955	0.6198	0.7839
27.9	0.9960	0.9940	0.9887	0.9856	0.9007	0.9953	0.6905	0.7923
28.0	0.9970	0.9959	0.9902	0.9872	0.9149	0.9968	0.6021	0.8068
28.1	0.9972	0.9962	0.9794	0.9830	0.9298	0.9961	0.4959	0.8115
28.2	0.9967	0.9959	0.9723	0.9768	0.9470	0.9967	0.5054	0.8052
28.3	0.9958	0.9956	0.9831	0.9807	0.9378	0.9964	0.4980	0.7716
28.4	0.9968	0.9962	0.9916	0.9838	0.8955	0.9970	0.5937	0.7179
28.5	0.9967	0.9966	0.9898	0.9860	0.9013	0.9966	0.5633	0.6585
28.6	0.9965	0.9942	0.9910	0.9729	0.9231	0.9951	0.4917	0.6896
28.7	0.9978	0.9944	0.9944	0.9760	0.9067	0.9954	0.5238	0.6424
28.8	0.9980	0.9955	0.9948	0.9820	0.8898	0.9963	0.6146	0.6210
28.9	0.9970	0.9957	0.9939	0.9803	0.9080	0.9957	0.6597	0.6236
29.0	0.9975	0.9954	0.9935	0.9782	0.8770	0.9939	0.7042	0.5853
29.1	0.9980	0.9963	0.9946	0.9822	0.8773	0.9934	0.7133	0.5248
29.2	0.9980	0.9976	0.9953	0.9891	0.9116	0.9945	0.7460	0.5602
29.3	0.9982	0.9972	0.9959	0.9863	0.9343	0.9950	0.7637	0.5114
29.4	0.9966	0.9947	0.9949	0.9786	0.8992	0.9922	0.7755	0.4796
29.5	0.9961	0.9942	0.9939	0.9795	0.8673	0.9894	0.7827	0.4956
29.6	0.9969	0.9954	0.9958	0.9804	0.8771	0.9907	0.8085	0.4098
29.7	0.9963	0.9946	0.9962	0.9788	0.8661	0.9884	0.8300	0.3153
29.8	0.9970	0.9949	0.9961	0.9795	0.8295	0.9883	0.8535	0.4243
29.9	0.9964	0.9939	0.9936	0.9609	0.7572	0.9785	0.8501	0.3394
30.0	0.9957	0.9929	0.9948	0.9629	0.7538	0.9749	0.8165	0.3860
30.1	0.9959	0.9918	0.9944	0.9788	0.7698	0.9759	0.8933	0.4573
30.2	0.9945	0.9912	0.9955	0.9782	0.7235	0.9550	0.8536	0.2671
30.3	0.9947	0.9923	0.9944	0.9808	0.7596	0.9503	0.8138	0.1038
30.4	0.9963	0.9931	0.9960	0.9801	0.8051	0.9664	0.8683	0.2151
30.5	0.9962	0.9914	0.9965	0.9749	0.8628	0.9576	0.8972	0.2127
30.6	0.9935	0.9879	0.9969	0.9734	0.8811	0.9269	0.8914	0.1791
30.7	0.9925	0.9868	0.9964	0.9707	0.8503	0.9050	0.8799	0.2144
30.8	0.9929	0.9873	0.9957	0.9668	0.8226	0.8829	0.8782	0.1335
30.9	0.9936	0.9889	0.9954	0.9668	0.8399	0.8524	0.8782	0.1596
31.0	0.9906	0.9821	0.9953	0.9504	0.8573	0.7957	0.8958	0.1055
31.1	0.9850	0.9714	0.9955	0.9303	0.8179	0.7020	0.8986	0.1079
31.2	0.9851	0.9710	0.9941	0.9356	0.8302	0.5064	0.8583	0.1280
31.3	0.9877	0.9756	0.9945	0.9415	0.8750	0.1440	0.8779	0.1702
31.4	0.9826	0.9690	0.9918	0.9385	0.8437	0.3219	0.8784	0.1695
31.5	0.9867	0.9718	0.9918	0.9395	0.8695	0.5638	0.8925	0.1421
31.6	0.9849	0.9715	0.9929	0.9415	0.9093	0.8124	0.8571	0.0982
31.7	0.9760	0.9601	0.9931	0.9354	0.8741	0.9007	0.8063	0.0427
31.8	0.9814	0.9688	0.9915	0.9439	0.8900	0.9143	0.7336	0.0329
31.9	0.9578	0.9463	0.9908	0.9179	0.8743	0.9179	0.6610	0.0419
32.0	0.9482	0.9415	0.9916	0.9286	0.9008	0.9525	0.7426	0.2002
32.1	0.9220	0.9128	0.9893	0.8936	0.9095	0.9698	0.6796	0.0747
32.2	0.9023	0.8974	0.9895	0.8787	0.9170	0.9711	0.5912	0.0425
32.3	0.9024	0.9090	0.9936	0.9049	0.9285	0.9813	0.6230	0.0277
32.4	0.8975	0.9153	0.9945	0.9171	0.9524	0.9876	0.6543	0.0539
32.5	0.8635	0.8940	0.9923	0.9058	0.9509	0.9868	0.6271	0.0921
32.6	0.7995	0.8630	0.9941	0.8832	0.9607	0.9898	0.6763	0.1241
32.7	0.7931	0.8661	0.9934	0.8983	0.9517	0.9908	0.6407	0.1456
32.8	0.7496	0.8576	0.9867	0.8971	0.9388	0.9883	0.5244	0.0272
32.9	0.8030	0.8913	0.9896	0.9191	0.9433	0.9920	0.6284	0.0723
33.0	0.8352	0.9018	0.9902	0.9258	0.9459	0.9918	0.6771	0.1431
33.1	0.8207	0.8770	0.9890	0.9189	0.9359	0.9923	0.6463	0.1314
33.2	0.7736	0.8793	0.9890	0.9285	0.9462	0.9929	0.6015	0.0957
33.3	0.7100	0.8562	0.9895	0.9283	0.9355	0.9906	0.6483	0.0881
33.4	0.7746	0.8692	0.9907	0.9383	0.9469	0.9936	0.6968	0.1691
33.5	0.7796	0.8129	0.9874	0.9129	0.9109	0.9926	0.7146	0.2266
33.6	0.8076	0.7206	0.9836	0.8675	0.8762	0.9900	0.6630	0.2507
33.7	0.8723	0.6857	0.9820	0.8673	0.8749	0.9918	0.7757	0.4095

33.8	0.8943	0.5670	0.9859	0.8576	0.9182	0.9927	0.8393	0.3761
33.9	0.9087	0.3579	0.9855	0.8133	0.9068	0.9930	0.8400	0.3690
34.0	0.9230	0.0851	0.9901	0.7407	0.9087	0.9927	0.8569	0.5474
34.1	0.9460	0.1183	0.9909	0.7744	0.9158	0.9910	0.8907	0.7202
34.2	0.9627	0.2472	0.9903	0.8203	0.9408	0.9889	0.8642	0.6730
34.3	0.9654	0.2865	0.9851	0.8354	0.9255	0.9858	0.8754	0.6058
34.4	0.9717	0.3121	0.9903	0.8844	0.9142	0.9907	0.8476	0.5211
34.5	0.9739	0.3086	0.9890	0.9053	0.9025	0.9916	0.8607	0.5888
34.6	0.9803	0.3034	0.9900	0.9354	0.9055	0.9917	0.8920	0.6082
34.7	0.9795	0.2008	0.9862	0.9442	0.8762	0.9919	0.8560	0.6076
34.8	0.9783	0.2561	0.9897	0.9550	0.9071	0.9934	0.8900	0.7448
34.9	0.9878	0.5407	0.9911	0.9609	0.9194	0.9958	0.8965	0.8150
35.0	0.9908	0.8111	0.9914	0.9656	0.9150	0.9961	0.9011	0.8465
35.1	0.9823	0.7520	0.9832	0.9254	0.8848	0.9927	0.8740	0.7639
35.2	0.9832	0.8243	0.9836	0.8825	0.8583	0.9927	0.8682	0.7456
35.3	0.9884	0.9007	0.9829	0.8574	0.8186	0.9940	0.8369	0.7722
35.4	0.9885	0.9380	0.9828	0.8178	0.8481	0.9935	0.8642	0.8725
35.5	0.9854	0.9486	0.9807	0.7673	0.8432	0.9913	0.9151	0.8738
35.6	0.9852	0.9603	0.9775	0.7369	0.8185	0.9906	0.9225	0.8932
35.7	0.9857	0.9562	0.9749	0.6943	0.8645	0.9900	0.9162	0.9227
35.8	0.9899	0.9669	0.9777	0.6750	0.8800	0.9919	0.9328	0.9203
35.9	0.9803	0.9444	0.9445	0.7191	0.8480	0.9803	0.8973	0.8633
36.0	0.9916	0.9714	0.9649	0.8817	0.9075	0.9887	0.9222	0.8989
36.1	0.9917	0.9710	0.9618	0.9171	0.9278	0.9898	0.9154	0.8806
36.2	0.9912	0.9619	0.9549	0.9251	0.9127	0.9886	0.9158	0.8865
36.3	0.9889	0.9511	0.9499	0.9415	0.8983	0.9870	0.8786	0.8209
36.4	0.9875	0.9350	0.9540	0.9537	0.9077	0.9862	0.8874	0.7803
36.5	0.9892	0.9415	0.9616	0.9572	0.9117	0.9886	0.8853	0.7339
36.6	0.9917	0.9426	0.9655	0.9644	0.8873	0.9916	0.8932	0.7746
36.7	0.9927	0.9489	0.9637	0.9732	0.9270	0.9920	0.9148	0.7878
36.8	0.9928	0.9466	0.9622	0.9722	0.9023	0.9899	0.9083	0.7696
36.9	0.9893	0.9336	0.9595	0.9702	0.8802	0.9896	0.9196	0.7230
37.0	0.9884	0.9224	0.9628	0.9647	0.8442	0.9907	0.9046	0.6476
37.1	0.9898	0.9044	0.9641	0.9717	0.8626	0.9909	0.8996	0.6484
37.2	0.9913	0.9161	0.9692	0.9776	0.8984	0.9931	0.9328	0.7170
37.3	0.9892	0.9115	0.9509	0.9719	0.8914	0.9904	0.9169	0.6968
37.4	0.9897	0.9215	0.9555	0.9769	0.8728	0.9921	0.9173	0.7186
37.5	0.9875	0.9103	0.9686	0.9728	0.8872	0.9937	0.9349	0.6524
37.6	0.9904	0.9252	0.9733	0.9778	0.8808	0.9959	0.9459	0.6377
37.7	0.9902	0.9304	0.9553	0.9781	0.8615	0.9929	0.9544	0.6636
37.8	0.9880	0.9362	0.9432	0.9793	0.8345	0.9918	0.9488	0.6409
37.9	0.9858	0.9387	0.9417	0.9744	0.7949	0.9929	0.9187	0.5933
38.0	0.9913	0.9499	0.9186	0.9801	0.7266	0.9918	0.8995	0.5630
38.1	0.9893	0.9558	0.9053	0.9782	0.6373	0.9906	0.9164	0.5245
38.2	0.9899	0.9455	0.9421	0.9835	0.5836	0.9944	0.9202	0.5360
38.3	0.9902	0.9456	0.9391	0.9828	0.6662	0.9935	0.9322	0.6447
38.4	0.9891	0.9513	0.9563	0.9827	0.6877	0.9946	0.9369	0.5875
38.5	0.9887	0.9550	0.9667	0.9829	0.6157	0.9946	0.9440	0.5795
38.6	0.9917	0.9621	0.9688	0.9850	0.5782	0.9950	0.9478	0.6787
38.7	0.9868	0.9480	0.9608	0.9761	0.5513	0.9926	0.9447	0.6794
38.8	0.9857	0.9497	0.9732	0.9728	0.5852	0.9939	0.9447	0.7408
38.9	0.9897	0.9487	0.9771	0.9839	0.7377	0.9949	0.9462	0.7408
39.0	0.9904	0.9521	0.9800	0.9852	0.7282	0.9954	0.9447	0.7570
39.1	0.9894	0.9502	0.9774	0.9799	0.7697	0.9947	0.9395	0.7649
39.2	0.9915	0.9446	0.9740	0.9833	0.7534	0.9938	0.9322	0.7196
39.3	0.9918	0.9597	0.9743	0.9859	0.7178	0.9935	0.9300	0.8230
39.4	0.9906	0.9530	0.9738	0.9800	0.7448	0.9942	0.9182	0.8019
39.5	0.9902	0.9568	0.9795	0.9810	0.7390	0.9960	0.9371	0.8207
39.6	0.9875	0.9392	0.9718	0.9752	0.7256	0.9941	0.9028	0.7554
39.7	0.9888	0.9123	0.9744	0.9773	0.7350	0.9938	0.9026	0.7252
39.8	0.9899	0.9370	0.9753	0.9766	0.7861	0.9946	0.9082	0.7748
39.9	0.9896	0.9334	0.9621	0.9726	0.7880	0.9938	0.8648	0.6895
40.0	0.9855	0.9098	0.9649	0.9694	0.7736	0.9941	0.8393	0.6890
40.1	0.9869	0.9029	0.9690	0.9699	0.7804	0.9951	0.8719	0.7635
40.2	0.9882	0.9319	0.9714	0.9714	0.8431	0.9956	0.8789	0.7517
40.3	0.9893	0.9366	0.9626	0.9724	0.8336	0.9949	0.8597	0.7544
40.4	0.9893	0.9074	0.9621	0.9699	0.8292	0.9947	0.8554	0.7318
40.5	0.9876	0.8625	0.9551	0.9642	0.8553	0.9940	0.8274	0.6292
40.6	0.9824	0.7727	0.9434	0.9523	0.8341	0.9910	0.8182	0.6238
40.7	0.9836	0.8445	0.9267	0.9507	0.8698	0.9933	0.8748	0.7139
40.8	0.9810	0.8519	0.9072	0.9412	0.8611	0.9927	0.8760	0.7277
40.9	0.9838	0.8657	0.9253	0.9477	0.7627	0.9931	0.8640	0.6819
41.0	0.9837	0.8937	0.9177	0.9420	0.8204	0.9946	0.8894	0.7825
41.1	0.9864	0.8707	0.9046	0.9385	0.8430	0.9910	0.8714	0.7602
41.2	0.9821	0.8674	0.9121	0.9209	0.8443	0.9904	0.8717	0.7292
41.3	0.9764	0.8539	0.9108	0.9184	0.8690	0.9858	0.8830	0.7383
41.4	0.9746	0.8732	0.8979	0.9095	0.8798	0.9850	0.8844	0.7965
41.5	0.9725	0.7807	0.8644	0.9007	0.8884	0.9790	0.8714	0.8375
41.6	0.9560	0.4769	0.8183	0.8596	0.8609	0.9624	0.8234	0.7696
41.7	0.9636	0.5561	0.8054	0.8682	0.8640	0.9717	0.7595	0.7219
41.8	0.9656	0.7327	0.7970	0.8666	0.8600	0.9819	0.7899	0.7664
41.9	0.9759	0.8078	0.8248	0.8993	0.8400	0.9880	0.7802	0.7601
42.0	0.9753	0.7782	0.8091	0.8954	0.7529	0.9755	0.7651	0.7275
42.1	0.9601	0.6788	0.7405	0.8251	0.6601	0.9567	0.6837	0.6481
42.2	0.9690	0.6383	0.7846	0.8547	0.7579	0.9653	0.7288	0.7060
42.3	0.9684	0.6600	0.7699	0.8515	0.7328	0.9630	0.6934	0.7297

42.4	0.9723	0.6660	0.6976	0.8468	0.7431	0.9765	0.7036	0.7606
42.5	0.9705	0.6753	0.6842	0.8368	0.8096	0.9588	0.6872	0.7556
42.6	0.9691	0.6718	0.7486	0.8527	0.8112	0.9646	0.6042	0.7049
42.7	0.9646	0.5292	0.6879	0.8358	0.7302	0.9585	0.5701	0.6701
42.8	0.9527	0.4628	0.6421	0.7795	0.6653	0.9584	0.4568	0.6200
42.9	0.9443	0.4495	0.5850	0.7673	0.5616	0.9524	0.3266	0.4826
43.0	0.9690	0.4527	0.5553	0.8059	0.5759	0.9524	0.2892	0.4257
43.1	0.9663	0.5006	0.6270	0.8063	0.6506	0.9417	0.3644	0.5235
43.2	0.9699	0.5424	0.6396	0.8533	0.6837	0.9624	0.4199	0.6400
43.3	0.9735	0.6261	0.7250	0.8783	0.6069	0.8991	0.4584	0.6264
43.4	0.9725	0.7283	0.7885	0.9063	0.4907	0.7872	0.5132	0.6663
43.5	0.9775	0.7468	0.7946	0.9238	0.5956	0.9164	0.4838	0.7432
43.6	0.9670	0.7100	0.6811	0.8815	0.5941	0.9267	0.3076	0.7214
43.7	0.9542	0.6506	0.6646	0.8476	0.5711	0.9351	0.1721	0.6539
43.8	0.9540	0.6129	0.5699	0.8540	0.5204	0.9236	0.1807	0.6187
43.9	0.9674	0.6434	0.5850	0.8763	0.4916	0.9319	0.2520	0.6624
44.0	0.9591	0.5727	0.6349	0.8384	0.3888	0.9176	0.1601	0.6020
44.1	0.9472	0.5939	0.6199	0.8107	0.4630	0.8992	0.2970	0.6523
44.2	0.9434	0.6847	0.6299	0.8158	0.6448	0.8801	0.4093	0.7700
44.3	0.9347	0.5771	0.4597	0.8049	0.5940	0.8988	0.2130	0.6679
44.4	0.9496	0.6860	0.7438	0.8470	0.6577	0.9490	0.2021	0.7268
44.5	0.9290	0.6604	0.7525	0.7913	0.5772	0.9482	0.1432	0.6643
44.6	0.9353	0.6107	0.7141	0.8208	0.5944	0.9530	0.2785	0.7114
44.7	0.9489	0.6605	0.7967	0.8699	0.6449	0.9246	0.3136	0.7301
44.8	0.9320	0.4988	0.7853	0.8259	0.6173	0.8732	0.2449	0.6471
44.9	0.9152	0.5410	0.7287	0.7935	0.5454	0.8776	0.1635	0.6492
45.0	0.9130	0.6356	0.6671	0.8110	0.5863	0.8992	0.2646	0.7398
45.1	0.9124	0.6228	0.5919	0.8071	0.6341	0.9179	0.0913	0.6986
45.2	0.8790	0.5176	0.5350	0.7339	0.5237	0.9094	0.0710	0.5989
45.3	0.8944	0.6364	0.5068	0.7967	0.4953	0.9362	0.1264	0.6847
45.4	0.9116	0.6716	0.6041	0.8187	0.5196	0.9227	0.1822	0.6712
45.5	0.8970	0.6550	0.7028	0.7964	0.5150	0.8653	0.2013	0.5978
45.6	0.9044	0.6855	0.7331	0.8151	0.6117	0.8615	0.2499	0.7018
45.7	0.9207	0.7041	0.6829	0.8571	0.5292	0.9087	0.1566	0.7343
45.8	0.9362	0.7344	0.6883	0.8787	0.5039	0.9244	0.0902	0.7507
45.9	0.9317	0.7408	0.6398	0.8792	0.5734	0.9294	0.1517	0.7469
46.0	0.9595	0.8557	0.7761	0.9312	0.6882	0.9626	0.2388	0.8368
46.1	0.9562	0.8025	0.7723	0.9269	0.5904	0.9499	0.2311	0.7833
46.2	0.9565	0.8040	0.7784	0.9248	0.5382	0.9402	0.3038	0.7940
46.3	0.9609	0.8212	0.8290	0.9344	0.5577	0.9497	0.1739	0.7945
46.4	0.9590	0.8213	0.8379	0.9303	0.4858	0.9497	0.1457	0.7782
46.5	0.9707	0.8656	0.8933	0.9472	0.5402	0.9625	0.2562	0.8041
46.6	0.9713	0.8722	0.8774	0.9516	0.5847	0.9676	0.3402	0.8083
46.7	0.9748	0.8880	0.8665	0.9633	0.6287	0.9721	0.3424	0.8450
46.8	0.9773	0.8845	0.8846	0.9635	0.5910	0.9652	0.3471	0.8256
46.9	0.9811	0.9154	0.9095	0.9741	0.6605	0.9804	0.4193	0.8709
47.0	0.9812	0.9237	0.9082	0.9782	0.6766	0.9873	0.4482	0.8945
47.1	0.9772	0.9238	0.9255	0.9720	0.5920	0.9727	0.4885	0.8609
47.2	0.9771	0.9011	0.9229	0.9689	0.3397	0.9687	0.5078	0.7944
47.3	0.9678	0.8436	0.8996	0.9588	0.3621	0.9403	0.4384	0.6874
47.4	0.9690	0.8611	0.8784	0.9660	0.4043	0.9505	0.4260	0.7646
47.5	0.9788	0.8998	0.9112	0.9762	0.5449	0.9637	0.5040	0.8487
47.6	0.9698	0.8503	0.8834	0.9640	0.5056	0.9480	0.4679	0.7541
47.7	0.9735	0.8600	0.8688	0.9688	0.4259	0.9466	0.4108	0.7554
47.8	0.9827	0.9047	0.8851	0.9806	0.3733	0.9596	0.5037	0.8087
47.9	0.9798	0.9245	0.8495	0.9820	0.4387	0.9470	0.4486	0.8380
48.0	0.9713	0.8891	0.7687	0.9747	0.3824	0.9353	0.2371	0.7955
48.1	0.9738	0.8851	0.7409	0.9759	0.4634	0.9475	0.1798	0.8501
48.2	0.9844	0.8836	0.9150	0.9804	0.4822	0.9505	0.1877	0.8594
48.3	0.9870	0.8691	0.9510	0.9828	0.5448	0.9542	0.2252	0.8657
48.4	0.9850	0.8844	0.9271	0.9863	0.5567	0.9492	0.2285	0.8594
48.5	0.9788	0.8686	0.8856	0.9835	0.4236	0.9208	0.1886	0.7943
48.6	0.9828	0.8831	0.8885	0.9868	0.3955	0.9350	0.0828	0.7871
48.7	0.9819	0.8531	0.9021	0.9831	0.4376	0.9129	0.0586	0.6968
48.8	0.9839	0.7952	0.8694	0.9828	0.2747	0.8301	0.1564	0.5445
48.9	0.9813	0.8389	0.8132	0.9810	0.1836	0.8441	0.2483	0.6614
49.0	0.9789	0.8549	0.8525	0.9826	0.2842	0.8962	0.1794	0.7309
49.1	0.9797	0.8790	0.8516	0.9865	0.4209	0.9038	0.3529	0.7031
49.2	0.9821	0.8849	0.8911	0.9872	0.5640	0.9192	0.4127	0.7391
49.3	0.9799	0.8742	0.9119	0.9856	0.4688	0.9253	0.4415	0.7586
49.4	0.9833	0.9050	0.9281	0.9875	0.5178	0.9336	0.6261	0.7251
49.5	0.9830	0.9294	0.9146	0.9907	0.4312	0.9339	0.6404	0.7567
49.6	0.9775	0.9392	0.9045	0.9890	0.3292	0.9267	0.6731	0.6478
49.7	0.9818	0.9076	0.9452	0.9888	0.2905	0.9184	0.7055	0.5480
49.8	0.9753	0.8840	0.9046	0.9873	0.1627	0.8302	0.6207	0.2159
49.9	0.9728	0.8816	0.8909	0.9869	0.2525	0.8580	0.6890	0.4734
50.0	0.9688	0.8535	0.8562	0.9836	0.0899	0.8469	0.6016	0.5255
50.1	0.9786	0.8887	0.8827	0.9902	0.2443	0.8772	0.6707	0.4594
50.2	0.9748	0.8145	0.8314	0.9888	0.2423	0.8021	0.5800	0.3659
50.3	0.9783	0.8536	0.8623	0.9881	0.0739	0.8036	0.6190	0.5130
50.4	0.9791	0.9133	0.9128	0.9894	0.1648	0.8900	0.6729	0.5574
50.5	0.9776	0.9200	0.9075	0.9906	0.2040	0.8749	0.6261	0.6077
50.6	0.9817	0.9146	0.9101	0.9912	0.1394	0.8970	0.5793	0.6889
50.7	0.9748	0.9104	0.8591	0.9910	0.1485	0.8904	0.5736	0.7001
50.8	0.9734	0.9007	0.8702	0.9915	0.1870	0.9095	0.5222	0.7430
50.9	0.9712	0.8248	0.8778	0.9886	0.1385	0.8162	0.4173	0.6226

51.0	0.9794	0.9110	0.8982	0.9921	0.1672	0.8073	0.5276	0.6671
51.1	0.9821	0.9554	0.9124	0.9940	0.2418	0.8752	0.5160	0.7456
51.2	0.9738	0.9551	0.8700	0.9911	0.1442	0.8205	0.4417	0.6621
51.3	0.9757	0.9488	0.8517	0.9912	0.1314	0.8522	0.5517	0.6831
51.4	0.9726	0.9253	0.8969	0.9906	0.2902	0.8444	0.5265	0.6040
51.5	0.9773	0.8980	0.9200	0.9918	0.3131	0.8194	0.5510	0.6077
51.6	0.9727	0.8513	0.9097	0.9907	0.1107	0.6583	0.3632	0.5551
51.7	0.9718	0.8706	0.9041	0.9926	0.1213	0.6019	0.3544	0.6515
51.8	0.9795	0.9066	0.9275	0.9934	0.1340	0.7585	0.4526	0.7891
51.9	0.9842	0.9224	0.9366	0.9944	0.1315	0.8150	0.5593	0.8212
52.0	0.9846	0.8618	0.9250	0.9931	0.1056	0.8191	0.5423	0.7996
52.1	0.9802	0.6471	0.9175	0.9910	0.1790	0.8458	0.4646	0.7810
52.2	0.9834	0.5936	0.9434	0.9934	0.2076	0.8935	0.5227	0.7764
52.3	0.9849	0.6638	0.9278	0.9940	0.3923	0.9053	0.5508	0.8246
52.4	0.9831	0.7004	0.9155	0.9918	0.3091	0.8757	0.4461	0.7560
52.5	0.9744	0.6894	0.8985	0.9912	0.3151	0.8396	0.3339	0.7173
52.6	0.9830	0.8900	0.8626	0.9944	0.4613	0.8205	0.3168	0.7814
52.7	0.9878	0.9291	0.8201	0.9942	0.4901	0.8457	0.4407	0.7671
52.8	0.9812	0.8668	0.8362	0.9901	0.4110	0.8208	0.3351	0.7458
52.9	0.9731	0.8159	0.8126	0.9869	0.4271	0.8322	0.4395	0.7054
53.0	0.9780	0.8264	0.8591	0.9916	0.4596	0.7921	0.5717	0.6570
53.1	0.9785	0.7897	0.9040	0.9886	0.4184	0.7703	0.6877	0.7166
53.2	0.9774	0.6791	0.8361	0.9835	0.4413	0.7995	0.5994	0.8015
53.3	0.9841	0.6758	0.7314	0.9846	0.5156	0.8597	0.6336	0.7941
53.4	0.9773	0.6658	0.2653	0.9788	0.4921	0.8517	0.5189	0.7982
53.5	0.9746	0.7763	0.4023	0.9813	0.5626	0.8878	0.5789	0.7630
53.6	0.9741	0.7852	0.6531	0.9863	0.6035	0.9021	0.6339	0.7996
53.7	0.9719	0.6581	0.4892	0.9851	0.3914	0.8640	0.6374	0.7829
53.8	0.9821	0.5540	0.2411	0.9833	0.3581	0.8417	0.6138	0.7309
53.9	0.9817	0.4492	0.1934	0.9818	0.3564	0.8994	0.5892	0.7007
54.0	0.9793	0.5788	0.3741	0.9808	0.6037	0.9140	0.7237	0.6918
54.1	0.9827	0.7875	0.1269	0.9801	0.6523	0.8997	0.7185	0.7624
54.2	0.9778	0.7899	0.3635	0.9783	0.5964	0.8953	0.7153	0.7203
54.3	0.9833	0.8286	0.4764	0.9855	0.6365	0.9187	0.7478	0.6978
54.4	0.9824	0.7585	0.5152	0.9799	0.6167	0.8911	0.6924	0.6484
54.5	0.9788	0.7849	0.7079	0.9784	0.6008	0.8656	0.7117	0.6412
54.6	0.9772	0.7488	0.7568	0.9695	0.5127	0.8986	0.6960	0.6767
54.7	0.9849	0.8391	0.8804	0.9827	0.7230	0.9483	0.7804	0.7975
54.8	0.9846	0.8375	0.8691	0.9867	0.7321	0.9391	0.7235	0.7181
54.9	0.9811	0.8062	0.8141	0.9784	0.7012	0.9244	0.6188	0.6395
55.0	0.9780	0.8493	0.8761	0.9822	0.7463	0.9318	0.7025	0.6688
55.1	0.9811	0.8302	0.8679	0.9845	0.7265	0.9230	0.7182	0.6294
55.2	0.9827	0.7879	0.8665	0.9794	0.6335	0.9268	0.6312	0.6515
55.3	0.9752	0.8182	0.8702	0.9770	0.7102	0.9143	0.6715	0.6837
55.4	0.9757	0.8312	0.8786	0.9789	0.6977	0.9259	0.6613	0.6384
55.5	0.9785	0.8642	0.8800	0.9847	0.7208	0.9282	0.6696	0.6333
55.6	0.9825	0.8927	0.9135	0.9862	0.7741	0.9409	0.7419	0.6607
55.7	0.9729	0.8348	0.8988	0.9842	0.6254	0.9345	0.7336	0.6202
55.8	0.9675	0.8795	0.9146	0.9846	0.5584	0.9293	0.6596	0.6199
55.9	0.9689	0.8326	0.8946	0.9807	0.5721	0.9209	0.5074	0.5658
56.0	0.9765	0.7627	0.8851	0.9767	0.5993	0.9042	0.6117	0.4995
56.1	0.9729	0.7276	0.8680	0.9667	0.5520	0.9089	0.5510	0.4522
56.2	0.9682	0.7597	0.9014	0.9756	0.5781	0.9163	0.6288	0.5600
56.3	0.9664	0.7694	0.9063	0.9710	0.6005	0.9240	0.6645	0.5580
56.4	0.9763	0.7655	0.9250	0.9729	0.5813	0.9451	0.5815	0.6924
56.5	0.9750	0.7593	0.9024	0.9755	0.6069	0.9222	0.3987	0.6104
56.6	0.9729	0.7178	0.8985	0.9779	0.5170	0.9233	0.3784	0.4860
56.7	0.9738	0.6907	0.8904	0.9795	0.4897	0.9416	0.4037	0.5974
56.8	0.9663	0.6698	0.8949	0.9771	0.3910	0.9286	0.4853	0.4714
56.9	0.9534	0.7246	0.9194	0.9784	0.3680	0.9353	0.4971	0.2564
57.0	0.9570	0.6941	0.8819	0.9822	0.4442	0.9046	0.4839	0.2926
57.1	0.9584	0.7463	0.8810	0.9852	0.5451	0.9126	0.5114	0.3337
57.2	0.9648	0.7555	0.9011	0.9814	0.5086	0.9082	0.4709	0.3242
57.3	0.9646	0.7261	0.9038	0.9783	0.3883	0.9002	0.4484	0.2765
57.4	0.9442	0.7499	0.9172	0.9771	0.2527	0.8796	0.6207	0.1695
57.5	0.9368	0.7206	0.8995	0.9737	0.3248	0.8503	0.5170	0.2462
57.6	0.9125	0.6845	0.8851	0.9619	0.2670	0.8105	0.4379	0.3118
57.7	0.9235	0.7165	0.8783	0.9622	0.3275	0.8260	0.3710	0.1480
57.8	0.9284	0.6949	0.8947	0.9637	0.2629	0.8542	0.4428	0.1206
57.9	0.8874	0.4758	0.8441	0.9366	0.1140	0.8126	0.2270	0.0453
58.0	0.8990	0.6434	0.8900	0.9587	0.2286	0.8536	0.3571	0.0955
58.1	0.9236	0.7261	0.8904	0.9570	0.4005	0.8234	0.4247	0.2118
58.2	0.9156	0.7579	0.8763	0.9435	0.3875	0.7934	0.4534	0.3370
58.3	0.9049	0.7049	0.8648	0.9527	0.2077	0.8326	0.3693	0.2240
58.4	0.9245	0.7240	0.8835	0.9611	0.2004	0.8480	0.4656	0.1795
58.5	0.9399	0.7353	0.8880	0.9482	0.3464	0.8309	0.4166	0.1556
58.6	0.9345	0.7076	0.8596	0.9412	0.2815	0.8032	0.3404	0.1148
58.7	0.9318	0.6940	0.8627	0.9435	0.2359	0.8189	0.3583	0.0866
58.8	0.9279	0.6910	0.8733	0.9384	0.1730	0.8112	0.5360	0.2666
58.9	0.9230	0.6891	0.8695	0.9305	0.1346	0.8016	0.5574	0.2705
59.0	0.9255	0.7112	0.8617	0.9276	0.0814	0.7955	0.5279	0.3578
59.1	0.9466	0.6946	0.8931	0.9454	0.1397	0.8387	0.4984	0.2945
59.2	0.9642	0.7848	0.9357	0.9576	0.2245	0.8987	0.6218	0.3376
59.3	0.9699	0.8086	0.9400	0.9679	0.1994	0.9168	0.5724	0.3241
59.4	0.9740	0.8668	0.9504	0.9681	0.1908	0.9250	0.6383	0.3766
59.5	0.9774	0.8609	0.9522	0.9664	0.2041	0.9101	0.7075	0.4385

59.6	0.9834	0.8886	0.9566	0.9707	0.1487	0.9023	0.7258	0.5040
59.7	0.9780	0.8894	0.9588	0.9587	0.0907	0.8789	0.7106	0.5252
59.8	0.9520	0.7893	0.9410	0.9331	0.0372	0.8568	0.4651	0.3280
59.9	0.9513	0.7689	0.9484	0.9386	0.1469	0.8851	0.5119	0.2780
60.0	0.9753	0.8817	0.9440	0.9616	0.0953	0.9210	0.7338	0.4497
60.1	0.9766	0.8773	0.9584	0.9680	0.0785	0.9065	0.6598	0.2444
60.2	0.9754	0.8647	0.9582	0.9625	0.0690	0.8747	0.6053	0.1616
60.3	0.9742	0.8528	0.9655	0.9666	0.0923	0.8966	0.6696	0.2314
60.4	0.9752	0.8751	0.9757	0.9642	0.1913	0.9082	0.7467	0.2829
60.5	0.9804	0.8793	0.9766	0.9656	0.3180	0.8984	0.7400	0.2485
60.6	0.9777	0.8796	0.9730	0.9655	0.2714	0.8810	0.7615	0.1881
60.7	0.9771	0.9022	0.9679	0.9744	0.2038	0.8733	0.7211	0.2399
60.8	0.9759	0.8749	0.9735	0.9702	0.2069	0.8572	0.6790	0.1754
60.9	0.9798	0.9022	0.9825	0.9746	0.3664	0.8881	0.6720	0.1987
61.0	0.9684	0.8618	0.9792	0.9652	0.4711	0.8489	0.6050	0.0580
61.1	0.9637	0.7880	0.9726	0.9600	0.5502	0.7951	0.6276	0.0477
61.2	0.9680	0.7926	0.9741	0.9679	0.4384	0.7865	0.6318	0.1265
61.3	0.9704	0.8316	0.9766	0.9731	0.4396	0.7975	0.6183	0.0911
61.4	0.9636	0.8108	0.9812	0.9686	0.4626	0.8150	0.6792	0.0567
61.5	0.9727	0.7982	0.9780	0.9742	0.3294	0.8146	0.6947	0.1252
61.6	0.9688	0.7823	0.9772	0.9774	0.4786	0.7480	0.6641	0.0316
61.7	0.9565	0.7496	0.9812	0.9779	0.4822	0.7509	0.7183	0.0849
61.8	0.9589	0.7772	0.9791	0.9810	0.2589	0.7907	0.7507	0.2251
61.9	0.9658	0.7825	0.9831	0.9824	0.1921	0.7805	0.7818	0.2461
62.0	0.9678	0.7419	0.9849	0.9867	0.3220	0.7724	0.7092	0.1592
62.1	0.9695	0.7640	0.9803	0.9836	0.3890	0.7205	0.6922	0.0991
62.2	0.9720	0.7999	0.9854	0.9838	0.3554	0.7074	0.7246	0.1134
62.3	0.9768	0.8017	0.9852	0.9810	0.2699	0.6810	0.7475	0.1744
62.4	0.9795	0.8498	0.9857	0.9855	0.2577	0.7221	0.7112	0.1618
62.5	0.9814	0.8250	0.9845	0.9878	0.1819	0.7174	0.6070	0.1863
62.6	0.9798	0.7962	0.9790	0.9840	0.1257	0.6479	0.5680	0.1224
62.7	0.9810	0.8019	0.9783	0.9817	0.0320	0.7567	0.6893	0.2034
62.8	0.9843	0.8328	0.9829	0.9821	0.0686	0.7213	0.7166	0.3023
62.9	0.9855	0.8538	0.9867	0.9869	0.1418	0.7762	0.7605	0.4497
63.0	0.9834	0.8720	0.9829	0.9876	0.1513	0.7703	0.7546	0.4770
63.1	0.9814	0.8687	0.9782	0.9812	0.0026	0.8134	0.7237	0.3969
63.2	0.9826	0.8733	0.9798	0.9788	0.0255	0.8260	0.7376	0.4874
63.3	0.9856	0.8874	0.9840	0.9821	0.0888	0.8201	0.7930	0.5781
63.4	0.9851	0.9205	0.9793	0.9821	0.0513	0.8228	0.8371	0.4628
63.5	0.9842	0.9069	0.9793	0.9796	0.0916	0.8675	0.8438	0.5590
63.6	0.9858	0.9101	0.9818	0.9758	0.1836	0.8933	0.8368	0.6993
63.7	0.9857	0.9366	0.9790	0.9752	0.1437	0.8828	0.8612	0.6958
63.8	0.9848	0.9200	0.9785	0.9688	0.1761	0.9027	0.8884	0.6836
63.9	0.9878	0.9229	0.9781	0.9649	0.2488	0.9135	0.9038	0.7312
64.0	0.9895	0.9195	0.9707	0.9609	0.2907	0.9069	0.8802	0.7473
64.1	0.9865	0.8972	0.9631	0.9461	0.0982	0.9021	0.8384	0.6603
64.2	0.9880	0.9077	0.9729	0.9386	0.1134	0.9169	0.8582	0.7109
64.3	0.9889	0.9323	0.9704	0.9464	0.1459	0.9237	0.8830	0.7570
64.4	0.9890	0.9346	0.9720	0.9415	0.2060	0.9333	0.8928	0.7938
64.5	0.9913	0.9391	0.9716	0.9422	0.2743	0.9312	0.9004	0.8235
64.6	0.9916	0.9446	0.9644	0.9399	0.1300	0.9170	0.8857	0.7787
64.7	0.9908	0.8973	0.9619	0.9101	0.1044	0.9316	0.8662	0.6889
64.8	0.9889	0.8994	0.9634	0.9098	0.1684	0.9374	0.8558	0.6634
64.9	0.9895	0.9380	0.9580	0.9351	0.0463	0.9289	0.8891	0.7597
65.0	0.9909	0.9407	0.9594	0.9225	0.0943	0.9255	0.8892	0.7653
65.1	0.9868	0.9057	0.9585	0.8917	0.1469	0.9231	0.8519	0.7162
65.2	0.9920	0.9336	0.9560	0.9043	0.2227	0.9247	0.8651	0.7445
65.3	0.9916	0.9190	0.9608	0.8943	0.2843	0.9232	0.8775	0.7803
65.4	0.9922	0.9279	0.9614	0.9039	0.3267	0.9303	0.8983	0.7768
65.5	0.9910	0.9231	0.9553	0.8965	0.3726	0.9302	0.8837	0.7651
65.6	0.9920	0.9291	0.9637	0.8920	0.3498	0.9521	0.9154	0.8259
65.7	0.9918	0.9386	0.9605	0.9036	0.4323	0.9443	0.8851	0.8203
65.8	0.9911	0.9246	0.9541	0.8975	0.3130	0.9404	0.8622	0.8052
65.9	0.9935	0.9392	0.9658	0.9094	0.3384	0.9501	0.8902	0.8168
66.0	0.9934	0.9366	0.9462	0.9040	0.5473	0.9423	0.8661	0.7719
66.1	0.9925	0.9304	0.9591	0.9022	0.5579	0.9447	0.8914	0.8414
66.2	0.9922	0.9319	0.9468	0.9056	0.5078	0.9324	0.8859	0.8112
66.3	0.9931	0.9440	0.9532	0.9249	0.5796	0.9393	0.8867	0.8487
66.4	0.9922	0.9192	0.9419	0.8946	0.5171	0.9412	0.8114	0.7441
66.5	0.9926	0.9175	0.9490	0.9216	0.4809	0.9454	0.8470	0.7976
66.6	0.9927	0.9209	0.9509	0.9332	0.5349	0.9582	0.8677	0.8297
66.7	0.9932	0.9226	0.9414	0.9445	0.6679	0.9610	0.8795	0.8417
66.8	0.9909	0.9057	0.9387	0.9478	0.5964	0.9411	0.8804	0.8081
66.9	0.9927	0.9244	0.9477	0.9511	0.4427	0.9593	0.9143	0.8516
67.0	0.9943	0.9327	0.9527	0.9767	0.5288	0.9626	0.9218	0.8928
67.1	0.9945	0.9430	0.9495	0.9798	0.6250	0.9646	0.9197	0.8965
67.2	0.9952	0.9429	0.9491	0.9743	0.5642	0.9722	0.9179	0.8964
67.3	0.9930	0.9320	0.9538	0.9818	0.5740	0.9727	0.9390	0.9240
67.4	0.9906	0.9208	0.9472	0.9830	0.5362	0.9680	0.9181	0.9053
67.5	0.9930	0.9347	0.9499	0.9818	0.4625	0.9771	0.9267	0.9198
67.6	0.9920	0.9233	0.9508	0.9728	0.4200	0.9736	0.8945	0.8935
67.7	0.9932	0.9374	0.9483	0.9743	0.4405	0.9759	0.9093	0.9028
67.8	0.9927	0.9467	0.9401	0.9834	0.4301	0.9752	0.9137	0.9035
67.9	0.9905	0.9471	0.9332	0.9850	0.4010	0.9728	0.9082	0.9071
68.0	0.9920	0.9511	0.9443	0.9852	0.1143	0.9793	0.9349	0.9240
68.1	0.9929	0.9573	0.9433	0.9847	0.0265	0.9843	0.9375	0.9370

68.2	0.9939	0.9565	0.9536	0.9855	0.0747	0.9859	0.9449	0.9446
68.3	0.9928	0.9458	0.9540	0.9824	0.2477	0.9862	0.9358	0.9391
68.4	0.9911	0.9330	0.9210	0.9820	0.2897	0.9847	0.8979	0.9008
68.5	0.9932	0.9562	0.9192	0.9871	0.2914	0.9865	0.9157	0.9221
68.6	0.9930	0.9533	0.9069	0.9864	0.4987	0.9865	0.9213	0.9255
68.7	0.9923	0.9468	0.9018	0.9856	0.5084	0.9855	0.9255	0.9171
68.8	0.9919	0.9373	0.9173	0.9859	0.5220	0.9849	0.9255	0.9278
68.9	0.9920	0.9382	0.9241	0.9820	0.6311	0.9874	0.9261	0.9228
69.0	0.9922	0.9439	0.9258	0.9829	0.5991	0.9893	0.9349	0.9372
69.1	0.9926	0.9529	0.9357	0.9873	0.5838	0.9891	0.9360	0.9376
69.2	0.9929	0.9481	0.9323	0.9822	0.5552	0.9885	0.9190	0.9147
69.3	0.9935	0.9486	0.9417	0.9834	0.5593	0.9899	0.9345	0.9390
69.4	0.9925	0.9397	0.9407	0.9800	0.4142	0.9877	0.9330	0.9308
69.5	0.9917	0.9356	0.9386	0.9728	0.2523	0.9870	0.8972	0.9234
69.6	0.9926	0.9337	0.9377	0.9608	0.3073	0.9883	0.9067	0.9201
69.7	0.9930	0.9191	0.9462	0.9621	0.5642	0.9884	0.9171	0.9213
69.8	0.9919	0.8950	0.9380	0.9560	0.7515	0.9875	0.8987	0.9010
69.9	0.9932	0.9334	0.9491	0.9629	0.8402	0.9919	0.9276	0.9420
70.0	0.9944	0.9340	0.9649	0.9622	0.8577	0.9932	0.9383	0.9452
70.1	0.9940	0.9042	0.9592	0.9473	0.8572	0.9914	0.9105	0.9273
70.2	0.9937	0.8966	0.9472	0.9448	0.8445	0.9897	0.8936	0.9219
70.3	0.9943	0.8708	0.9375	0.9529	0.8606	0.9885	0.9101	0.9189
70.4	0.9951	0.9009	0.9506	0.9621	0.9247	0.9933	0.9358	0.9464
70.5	0.9956	0.8972	0.9413	0.9532	0.9395	0.9934	0.9149	0.9401
70.6	0.9962	0.8936	0.9475	0.9544	0.9529	0.9933	0.9220	0.9394
70.7	0.9970	0.8851	0.9519	0.9616	0.9562	0.9932	0.9231	0.9418
70.8	0.9967	0.8835	0.9372	0.9591	0.9515	0.9932	0.9122	0.9434
70.9	0.9964	0.8316	0.9012	0.9545	0.9499	0.9922	0.8767	0.9247
71.0	0.9965	0.7914	0.9070	0.9399	0.9499	0.9912	0.8546	0.9147
71.1	0.9965	0.7712	0.9356	0.9386	0.9432	0.9921	0.8839	0.9235
71.2	0.9969	0.7181	0.9338	0.9507	0.9593	0.9935	0.8852	0.9307
71.3	0.9972	0.6560	0.9254	0.9477	0.9704	0.9932	0.8887	0.9289
71.4	0.9966	0.5895	0.9095	0.9241	0.9634	0.9917	0.8392	0.9136
71.5	0.9972	0.5708	0.9049	0.9188	0.9700	0.9921	0.8447	0.9163
71.6	0.9971	0.6102	0.9258	0.9378	0.9741	0.9937	0.9012	0.9424
71.7	0.9969	0.5709	0.9389	0.9479	0.9715	0.9929	0.8854	0.9563
71.8	0.9961	0.4261	0.9279	0.9051	0.9754	0.9931	0.8822	0.9433
71.9	0.9960	0.4358	0.9270	0.8839	0.9742	0.9932	0.8954	0.9432
72.0	0.9964	0.4058	0.9353	0.8470	0.9678	0.9915	0.8813	0.9341
72.1	0.9954	0.4565	0.9395	0.8613	0.9721	0.9916	0.8778	0.9350
72.2	0.9959	0.5151	0.9456	0.8583	0.9720	0.9921	0.8814	0.9416
72.3	0.9960	0.6124	0.9533	0.8747	0.9744	0.9934	0.8675	0.9472
72.4	0.9955	0.6699	0.9495	0.8933	0.9765	0.9937	0.8538	0.9604
72.5	0.9962	0.6687	0.9561	0.9022	0.9732	0.9948	0.8769	0.9605
72.6	0.9948	0.6147	0.9392	0.8534	0.9653	0.9908	0.8478	0.9199
72.7	0.9924	0.6619	0.9307	0.8138	0.9692	0.9881	0.8042	0.9093
72.8	0.9950	0.7977	0.9614	0.9022	0.9752	0.9911	0.8594	0.9500
72.9	0.9963	0.8454	0.9629	0.9149	0.9788	0.9919	0.8717	0.9486
73.0	0.9961	0.8618	0.9623	0.9402	0.9763	0.9924	0.8682	0.9534
73.1	0.9943	0.8909	0.9496	0.9356	0.9733	0.9895	0.8701	0.9443
73.2	0.9957	0.8940	0.9602	0.9518	0.9787	0.9924	0.8829	0.9601
73.3	0.9954	0.8810	0.9611	0.9488	0.9781	0.9928	0.8630	0.9655
73.4	0.9954	0.8533	0.9639	0.9623	0.9732	0.9888	0.8535	0.9425
73.5	0.9960	0.8790	0.9682	0.9666	0.9752	0.9851	0.8653	0.9317
73.6	0.9947	0.8981	0.9604	0.9678	0.9698	0.9882	0.8415	0.9386
73.7	0.9933	0.9011	0.9627	0.9697	0.9723	0.9890	0.8734	0.9516
73.8	0.9946	0.9234	0.9717	0.9777	0.9839	0.9887	0.9053	0.9656
73.9	0.9941	0.9407	0.9691	0.9782	0.9844	0.9880	0.8912	0.9535
74.0	0.9952	0.9505	0.9740	0.9825	0.9815	0.9889	0.8662	0.9516
74.1	0.9950	0.9539	0.9762	0.9806	0.9769	0.9868	0.8657	0.9614
74.2	0.9942	0.9575	0.9760	0.9795	0.9752	0.9838	0.8405	0.9614
74.3	0.9956	0.9588	0.9761	0.9820	0.9825	0.9821	0.8373	0.9654
74.4	0.9950	0.9585	0.9767	0.9856	0.9841	0.9778	0.8306	0.9566
74.5	0.9953	0.9613	0.9839	0.9806	0.9848	0.9747	0.8366	0.9520
74.6	0.9934	0.9554	0.9810	0.9735	0.9793	0.9672	0.7751	0.9437
74.7	0.9934	0.9731	0.9768	0.9823	0.9829	0.9716	0.7868	0.9585
74.8	0.9930	0.9756	0.9708	0.9807	0.9818	0.9754	0.7864	0.9717
74.9	0.9917	0.9702	0.9696	0.9744	0.9778	0.9659	0.7661	0.9685
75.0	0.9899	0.9744	0.9705	0.9806	0.9704	0.9666	0.8134	0.9700
75.1	0.9891	0.9730	0.9742	0.9778	0.9740	0.9692	0.8202	0.9656
75.2	0.9876	0.9716	0.9711	0.9698	0.9728	0.9551	0.8075	0.9538
75.3	0.9880	0.9742	0.9723	0.9682	0.9714	0.9457	0.8133	0.9519
75.4	0.9923	0.9825	0.9783	0.9793	0.9731	0.9493	0.8579	0.9637
75.5	0.9930	0.9865	0.9860	0.9864	0.9794	0.9463	0.8158	0.9753
75.6	0.9918	0.9808	0.9816	0.9798	0.9688	0.9168	0.7291	0.9659
75.7	0.9913	0.9776	0.9820	0.9732	0.9728	0.9072	0.7757	0.9671
75.8	0.9916	0.9790	0.9803	0.9655	0.9777	0.8905	0.8039	0.9718
75.9	0.9839	0.9688	0.9604	0.9485	0.9558	0.7994	0.6331	0.9422
76.0	0.9863	0.9799	0.9717	0.9602	0.9687	0.8417	0.7070	0.9487
76.1	0.9916	0.9855	0.9826	0.9674	0.9817	0.8535	0.7719	0.9705
76.2	0.9910	0.9842	0.9795	0.9717	0.9728	0.9128	0.7678	0.9679
76.3	0.9899	0.9861	0.9773	0.9689	0.9719	0.9085	0.7506	0.9669
76.4	0.9907	0.9884	0.9816	0.9640	0.9649	0.9032	0.7313	0.9666
76.5	0.9908	0.9861	0.9796	0.9584	0.9660	0.8879	0.7488	0.9721
76.6	0.9889	0.9848	0.9739	0.9613	0.9633	0.9192	0.7821	0.9722
76.7	0.9913	0.9858	0.9784	0.9606	0.9593	0.9273	0.8004	0.9766

76.8	0.9912	0.9840	0.9781	0.9499	0.9490	0.9043	0.7301	0.9617
76.9	0.9875	0.9886	0.9770	0.9598	0.9617	0.9294	0.7829	0.9650
77.0	0.9855	0.9845	0.9762	0.9620	0.9559	0.9320	0.7558	0.9640
77.1	0.9843	0.9825	0.9750	0.9643	0.9534	0.9265	0.7355	0.9621
77.2	0.9850	0.9830	0.9704	0.9607	0.9669	0.9257	0.7719	0.9540
77.3	0.9862	0.9833	0.9677	0.9530	0.9668	0.9277	0.7018	0.9392
77.4	0.9877	0.9847	0.9695	0.9628	0.9650	0.9287	0.7160	0.9497
77.5	0.9875	0.9790	0.9706	0.9605	0.9668	0.9326	0.7064	0.9561
77.6	0.9886	0.9833	0.9769	0.9678	0.9806	0.9476	0.7632	0.9734
77.7	0.9886	0.9840	0.9799	0.9707	0.9684	0.9433	0.8350	0.9725
77.8	0.9885	0.9843	0.9818	0.9726	0.9506	0.9482	0.8222	0.9642
77.9	0.9904	0.9874	0.9859	0.9746	0.9588	0.9652	0.8519	0.9648
78.0	0.9869	0.9861	0.9836	0.9662	0.9527	0.9628	0.8231	0.9684
78.1	0.9880	0.9867	0.9848	0.9626	0.9633	0.9626	0.8497	0.9697
78.2	0.9864	0.9879	0.9801	0.9639	0.9605	0.9721	0.8805	0.9379
78.3	0.9875	0.9892	0.9840	0.9633	0.9500	0.9775	0.8426	0.9459
78.4	0.9893	0.9881	0.9849	0.9667	0.9636	0.9736	0.8267	0.9631
78.5	0.9898	0.9859	0.9820	0.9718	0.9672	0.9711	0.8754	0.9564
78.6	0.9903	0.9888	0.9843	0.9747	0.9657	0.9733	0.8746	0.9614
78.7	0.9909	0.9905	0.9880	0.9649	0.9649	0.9771	0.8807	0.9682
78.8	0.9915	0.9904	0.9891	0.9680	0.9596	0.9781	0.8745	0.9607
78.9	0.9881	0.9868	0.9877	0.9678	0.9438	0.9593	0.8359	0.9657
79.0	0.9795	0.9783	0.9775	0.9419	0.9568	0.9378	0.7412	0.9374
79.1	0.9816	0.9823	0.9827	0.9173	0.9475	0.9563	0.7959	0.9286
79.2	0.9890	0.9884	0.9864	0.9370	0.9518	0.9736	0.8220	0.9348
79.3	0.9879	0.9873	0.9862	0.9443	0.9505	0.9723	0.7669	0.9305
79.4	0.9847	0.9850	0.9855	0.9491	0.9501	0.9723	0.7706	0.9237
79.5	0.9838	0.9818	0.9839	0.9342	0.9461	0.9622	0.7380	0.9193
79.6	0.9835	0.9829	0.9859	0.9339	0.9426	0.9688	0.7432	0.9110
79.7	0.9831	0.9841	0.9861	0.9559	0.9287	0.9736	0.7338	0.8993
79.8	0.9889	0.9885	0.9904	0.9616	0.9410	0.9806	0.7701	0.9425
79.9	0.9847	0.9859	0.9865	0.9587	0.9459	0.9843	0.7933	0.9188
80.0	0.9796	0.9799	0.9816	0.9493	0.9477	0.9773	0.8098	0.8864

2.2.78 Run 7 – VT270 – Accels 41–47

Vertical shaking at 270°. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.3845	0.2237	0.3756	0.3573	0.2898	0.1942	0.1359
0.1	0.0642	0.0495	0.0278	0.0849	0.0691	0.0429	0.0280
0.2	0.0023	0.0232	0.0050	0.0295	0.0040	0.0190	0.0059
0.3	0.0082	0.0131	0.0047	0.0154	0.0370	0.0155	0.0444
0.4	0.0050	0.0051	0.0216	0.0471	0.0099	0.0055	0.1120
0.5	0.0129	0.0392	0.0051	0.0271	0.0218	0.0123	0.0383
0.6	0.0107	0.0452	0.0060	0.0524	0.0005	0.0163	0.0152
0.7	0.0042	0.0031	0.0026	0.0769	0.0034	0.0328	0.0661
0.8	0.0077	0.0183	0.0441	0.0798	0.0029	0.0231	0.0103
0.9	0.0453	0.0147	0.0382	0.1054	0.0091	0.0338	0.0071
1.0	0.0273	0.0199	0.0741	0.1186	0.0026	0.0691	0.0011
1.1	0.0535	0.0295	0.3390	0.3368	0.0105	0.0429	0.0284
1.2	0.1246	0.0016	0.4426	0.2911	0.0088	0.1500	0.0306
1.3	0.2091	0.0510	0.6080	0.3026	0.0025	0.1878	0.0542
1.4	0.2533	0.0151	0.6018	0.5340	0.0162	0.1702	0.1274
1.5	0.4393	0.0980	0.6763	0.5675	0.0291	0.2150	0.1796
1.6	0.4817	0.0626	0.7490	0.5296	0.0221	0.2500	0.2810
1.7	0.4516	0.0789	0.6910	0.6124	0.0491	0.1971	0.3716
1.8	0.6525	0.2995	0.8209	0.6591	0.3387	0.2655	0.4103
1.9	0.8571	0.5633	0.9080	0.8679	0.5261	0.5281	0.5716
2.0	0.8852	0.5723	0.9262	0.9145	0.5445	0.7008	0.5234
2.1	0.9030	0.3360	0.9504	0.9197	0.3296	0.8064	0.2130
2.2	0.8054	0.2066	0.9526	0.8325	0.2218	0.8273	0.0736
2.3	0.4124	0.0185	0.8666	0.4206	0.0213	0.7609	0.1215
2.4	0.2837	0.1621	0.5377	0.2821	0.1241	0.4052	0.1603
2.5	0.4932	0.4620	0.5219	0.4871	0.3980	0.3849	0.3175
2.6	0.7557	0.5088	0.9085	0.7405	0.4366	0.8117	0.1753
2.7	0.9436	0.4529	0.9509	0.9466	0.3664	0.8831	0.0678
2.8	0.9243	0.4042	0.9664	0.9210	0.2861	0.8662	0.0305
2.9	0.9078	0.3295	0.9760	0.9062	0.3010	0.9037	0.0339
3.0	0.8763	0.4272	0.9615	0.8407	0.2964	0.8882	0.0512
3.1	0.7900	0.2963	0.9693	0.7579	0.1784	0.8855	0.1472
3.2	0.8064	0.1895	0.9664	0.7584	0.0738	0.9085	0.2207
3.3	0.7657	0.1645	0.9604	0.7774	0.1252	0.8722	0.2339
3.4	0.6503	0.0673	0.9512	0.6951	0.0454	0.8492	0.2997
3.5	0.4872	0.0042	0.9462	0.5544	0.0017	0.7652	0.2957
3.6	0.3792	0.0785	0.9064	0.4136	0.0730	0.6784	0.0963
3.7	0.5879	0.2308	0.9737	0.6244	0.2193	0.8846	0.2530
3.8	0.8383	0.6131	0.9925	0.8800	0.6389	0.9804	0.5408
3.9	0.9562	0.8099	0.9972	0.9698	0.7869	0.9952	0.8606
4.0	0.9766	0.8497	0.9983	0.9825	0.8111	0.9971	0.9374
4.1	0.9680	0.8162	0.9971	0.9726	0.6670	0.9960	0.9480
4.2	0.9561	0.7067	0.9971	0.9604	0.6200	0.9948	0.9555
4.3	0.9411	0.5109	0.9973	0.9305	0.5026	0.9948	0.9327
4.4	0.8910	0.6863	0.9964	0.8996	0.6580	0.9932	0.8962
4.5	0.8159	0.7258	0.9966	0.8667	0.6802	0.9949	0.8992
4.6	0.6947	0.7231	0.9946	0.7249	0.7333	0.9938	0.8599
4.7	0.4140	0.5724	0.9920	0.4419	0.5213	0.9849	0.5618
4.8	0.7046	0.8076	0.9940	0.7123	0.7964	0.9866	0.4175
4.9	0.7213	0.7566	0.9894	0.7377	0.7132	0.9847	0.3251
5.0	0.3696	0.4928	0.9921	0.4586	0.5139	0.9893	0.6191
5.1	0.6626	0.7246	0.9970	0.7127	0.7889	0.9978	0.9100
5.2	0.6936	0.7166	0.9950	0.6984	0.6874	0.9967	0.8981
5.3	0.5548	0.5297	0.9902	0.5308	0.2979	0.9830	0.8109
5.4	0.3080	0.2167	0.9893	0.3757	0.0186	0.9836	0.7544
5.5	0.4169	0.0292	0.9942	0.3751	0.2865	0.9943	0.8798
5.6	0.7758	0.5375	0.9970	0.7480	0.6134	0.9971	0.9312
5.7	0.8297	0.8043	0.9967	0.8441	0.8098	0.9967	0.9347
5.8	0.8685	0.9339	0.9973	0.8746	0.9374	0.9976	0.9585
5.9	0.9293	0.9496	0.9972	0.9361	0.9412	0.9975	0.9144
6.0	0.9558	0.9615	0.9972	0.9687	0.9542	0.9976	0.9088
6.1	0.9507	0.9479	0.9927	0.9642	0.9288	0.9932	0.9213
6.2	0.9612	0.9633	0.9939	0.9696	0.9334	0.9941	0.9772
6.3	0.9702	0.9710	0.9948	0.9782	0.9458	0.9949	0.9891
6.4	0.9630	0.9624	0.9939	0.9742	0.9300	0.9942	0.9912
6.5	0.9322	0.9386	0.9906	0.9570	0.9158	0.9910	0.9891
6.6	0.9053	0.9352	0.9898	0.9394	0.9180	0.9900	0.9849
6.7	0.9100	0.9509	0.9825	0.9371	0.9429	0.9830	0.9865
6.8	0.9363	0.9629	0.9795	0.9471	0.9541	0.9801	0.9873
6.9	0.9103	0.9520	0.9511	0.9300	0.9420	0.9523	0.9868
7.0	0.9079	0.9250	0.9442	0.9218	0.8334	0.9450	0.9749
7.1	0.8997	0.7311	0.9272	0.9009	0.5029	0.9278	0.9483
7.2	0.8638	0.7781	0.9145	0.8778	0.7940	0.9144	0.8568
7.3	0.9279	0.8259	0.9608	0.9378	0.8469	0.9605	0.6098
7.4	0.9454	0.8307	0.9388	0.9420	0.8555	0.9381	0.0922
7.5	0.9348	0.8754	0.9557	0.9403	0.9233	0.9547	0.8306
7.6	0.9441	0.9592	0.9817	0.9634	0.9807	0.9810	0.9789
7.7	0.9331	0.9848	0.9916	0.9508	0.9870	0.9911	0.9820
7.8	0.9390	0.9796	0.9978	0.9586	0.9836	0.9977	0.9861
7.9	0.9315	0.9641	0.9953	0.9488	0.9795	0.9951	0.9924

8.0	0.9193	0.9576	0.9923	0.9476	0.9708	0.9916	0.9936
8.1	0.9391	0.9855	0.9977	0.9662	0.9900	0.9975	0.9919
8.2	0.9361	0.9899	0.9971	0.9618	0.9923	0.9968	0.9915
8.3	0.9238	0.9889	0.9971	0.9562	0.9918	0.9966	0.9929
8.4	0.9181	0.9936	0.9984	0.9589	0.9927	0.9981	0.9935
8.5	0.9189	0.9918	0.9990	0.9662	0.9916	0.9988	0.9946
8.6	0.9198	0.9915	0.9994	0.9706	0.9915	0.9993	0.9953
8.7	0.9309	0.9930	0.9989	0.9771	0.9932	0.9988	0.9955
8.8	0.9298	0.9927	0.9977	0.9700	0.9929	0.9976	0.9942
8.9	0.9365	0.9886	0.9975	0.9776	0.9919	0.9974	0.9937
9.0	0.8982	0.9841	0.9917	0.9585	0.9905	0.9912	0.9929
9.1	0.8933	0.9840	0.9949	0.9687	0.9874	0.9946	0.9932
9.2	0.8719	0.9841	0.9828	0.9450	0.9858	0.9821	0.9833
9.3	0.8839	0.9801	0.9635	0.9248	0.9848	0.9607	0.9742
9.4	0.8986	0.9827	0.9460	0.9242	0.9869	0.9416	0.9709
9.5	0.8872	0.9869	0.9169	0.9076	0.9897	0.9107	0.9813
9.6	0.9298	0.9943	0.9377	0.9465	0.9946	0.9332	0.9905
9.7	0.9522	0.9947	0.9335	0.9599	0.9949	0.9244	0.9944
9.8	0.9410	0.9962	0.9497	0.9551	0.9963	0.9356	0.9976
9.9	0.9323	0.9963	0.9569	0.9525	0.9948	0.9301	0.9972
10.0	0.8952	0.9933	0.9775	0.9325	0.9887	0.9556	0.9967
10.1	0.9436	0.9958	0.9859	0.9553	0.9938	0.9657	0.9974
10.2	0.9504	0.9969	0.9891	0.9604	0.9964	0.9635	0.9977
10.3	0.9385	0.9969	0.9922	0.9504	0.9961	0.9801	0.9975
10.4	0.9152	0.9963	0.9925	0.9363	0.9945	0.9870	0.9960
10.5	0.9574	0.9976	0.9979	0.9651	0.9969	0.9962	0.9973
10.6	0.9604	0.9963	0.9976	0.9681	0.9951	0.9961	0.9973
10.7	0.9658	0.9974	0.9988	0.9618	0.9962	0.9976	0.9976
10.8	0.9592	0.9977	0.9988	0.9500	0.9963	0.9971	0.9976
10.9	0.9617	0.9968	0.9988	0.9520	0.9960	0.9973	0.9978
11.0	0.9648	0.9982	0.9993	0.9570	0.9979	0.9983	0.9981
11.1	0.9689	0.9982	0.9995	0.9656	0.9977	0.9983	0.9985
11.2	0.9501	0.9976	0.9992	0.9440	0.9971	0.9974	0.9975
11.3	0.9467	0.9974	0.9994	0.9255	0.9972	0.9971	0.9980
11.4	0.9630	0.9982	0.9994	0.9410	0.9977	0.9975	0.9982
11.5	0.9672	0.9985	0.9994	0.9365	0.9983	0.9977	0.9986
11.6	0.9592	0.9978	0.9994	0.9322	0.9979	0.9967	0.9980
11.7	0.9648	0.9979	0.9993	0.9324	0.9979	0.9964	0.9981
11.8	0.9619	0.9981	0.9994	0.9007	0.9979	0.9947	0.9978
11.9	0.9587	0.9974	0.9995	0.9116	0.9978	0.9949	0.9981
12.0	0.9644	0.9975	0.9995	0.9188	0.9977	0.9942	0.9981
12.1	0.9715	0.9976	0.9992	0.8900	0.9976	0.9927	0.9977
12.2	0.9751	0.9978	0.9993	0.9068	0.9976	0.9940	0.9981
12.3	0.9756	0.9972	0.9992	0.9014	0.9972	0.9931	0.9980
12.4	0.9786	0.9972	0.9992	0.9180	0.9974	0.9891	0.9979
12.5	0.9813	0.9985	0.9993	0.9442	0.9983	0.9912	0.9987
12.6	0.9805	0.9983	0.9990	0.9445	0.9984	0.9900	0.9985
12.7	0.9706	0.9972	0.9987	0.9548	0.9974	0.9891	0.9984
12.8	0.9651	0.9976	0.9985	0.9459	0.9976	0.9862	0.9985
12.9	0.9571	0.9967	0.9983	0.9604	0.9971	0.9825	0.9990
13.0	0.9595	0.9968	0.9986	0.9716	0.9969	0.9847	0.9993
13.1	0.9619	0.9969	0.9987	0.9703	0.9967	0.9830	0.9992
13.2	0.9524	0.9952	0.9978	0.9630	0.9942	0.9726	0.9981
13.3	0.9392	0.9956	0.9979	0.9559	0.9955	0.9788	0.9983
13.4	0.9281	0.9972	0.9985	0.9574	0.9970	0.9855	0.9990
13.5	0.8732	0.9948	0.9974	0.9427	0.9939	0.9804	0.9976
13.6	0.7611	0.9939	0.9971	0.9186	0.9936	0.9767	0.9966
13.7	0.6534	0.9951	0.9979	0.9223	0.9945	0.9734	0.9972
13.8	0.4736	0.9967	0.9983	0.9283	0.9966	0.9741	0.9978
13.9	0.3892	0.9967	0.9979	0.9101	0.9965	0.9693	0.9976
14.0	0.2556	0.9954	0.9974	0.8772	0.9959	0.9566	0.9965
14.1	0.0863	0.9955	0.9974	0.8987	0.9960	0.9621	0.9963
14.2	0.0640	0.9953	0.9974	0.8804	0.9955	0.9632	0.9959
14.3	0.1984	0.9951	0.9963	0.8613	0.9955	0.9650	0.9948
14.4	0.2149	0.9957	0.9959	0.8619	0.9955	0.9786	0.9949
14.5	0.2067	0.9948	0.9948	0.8427	0.9953	0.9814	0.9946
14.6	0.1853	0.9934	0.9916	0.7972	0.9938	0.9815	0.9930
14.7	0.1199	0.9930	0.9887	0.6871	0.9930	0.9851	0.9926
14.8	0.0338	0.9950	0.9913	0.5229	0.9952	0.9889	0.9954
14.9	0.1812	0.9961	0.9909	0.7095	0.9963	0.9886	0.9965
15.0	0.5947	0.9958	0.9926	0.8569	0.9961	0.9893	0.9953
15.1	0.7199	0.9952	0.9919	0.8939	0.9952	0.9871	0.9936
15.2	0.8210	0.9952	0.9910	0.9040	0.9953	0.9854	0.9924
15.3	0.9058	0.9907	0.9877	0.9517	0.9910	0.9846	0.9888
15.4	0.9379	0.9871	0.9852	0.9701	0.9873	0.9815	0.9855
15.5	0.9192	0.9700	0.9697	0.9618	0.9701	0.9625	0.9683
15.6	0.9460	0.9769	0.9756	0.9701	0.9769	0.9736	0.9754
15.7	0.9380	0.9613	0.9584	0.9532	0.9618	0.9567	0.9587
15.8	0.9318	0.9575	0.9547	0.9476	0.9574	0.9523	0.9552
15.9	0.9445	0.9706	0.9674	0.9570	0.9705	0.9682	0.9687
16.0	0.9632	0.9737	0.9706	0.9601	0.9734	0.9741	0.9727
16.1	0.9749	0.9849	0.9836	0.9735	0.9848	0.9852	0.9845
16.2	0.9851	0.9912	0.9899	0.9825	0.9911	0.9910	0.9907
16.3	0.9790	0.9909	0.9894	0.9722	0.9907	0.9897	0.9902
16.4	0.9758	0.9910	0.9912	0.9625	0.9910	0.9895	0.9914
16.5	0.9746	0.9958	0.9946	0.9554	0.9957	0.9941	0.9957

16.6	0.9682	0.9972	0.9948	0.9469	0.9973	0.9943	0.9977
16.7	0.9454	0.9971	0.9902	0.9189	0.9972	0.9931	0.9977
16.8	0.9340	0.9957	0.9867	0.9042	0.9955	0.9900	0.9972
16.9	0.9243	0.9940	0.9864	0.9000	0.9937	0.9904	0.9962
17.0	0.9298	0.9973	0.9877	0.9127	0.9972	0.9913	0.9981
17.1	0.9078	0.9959	0.9857	0.9002	0.9959	0.9878	0.9977
17.2	0.8744	0.9958	0.9856	0.8865	0.9956	0.9882	0.9964
17.3	0.8914	0.9985	0.9929	0.9180	0.9983	0.9923	0.9977
17.4	0.9422	0.9995	0.9949	0.9682	0.9994	0.9966	0.9989
17.5	0.9513	0.9990	0.9921	0.9697	0.9990	0.9976	0.9992
17.6	0.9361	0.9987	0.9942	0.9643	0.9986	0.9965	0.9987
17.7	0.9150	0.9993	0.9955	0.9659	0.9992	0.9974	0.9990
17.8	0.9056	0.9995	0.9955	0.9707	0.9995	0.9981	0.9993
17.9	0.9022	0.9995	0.9952	0.9769	0.9995	0.9980	0.9994
18.0	0.8473	0.9994	0.9942	0.9678	0.9994	0.9974	0.9993
18.1	0.7466	0.9994	0.9937	0.9567	0.9994	0.9972	0.9993
18.2	0.5668	0.9991	0.9954	0.9278	0.9990	0.9935	0.9990
18.3	0.5597	0.9992	0.9954	0.8747	0.9992	0.9944	0.9993
18.4	0.6981	0.9994	0.9932	0.5342	0.9993	0.9939	0.9995
18.5	0.6195	0.9993	0.9744	0.4155	0.9993	0.9843	0.9994
18.6	0.6665	0.9991	0.9550	0.7524	0.9990	0.9835	0.9990
18.7	0.7369	0.9990	0.9645	0.8962	0.9989	0.9916	0.9987
18.8	0.8773	0.9993	0.9891	0.9758	0.9992	0.9969	0.9995
18.9	0.8994	0.9992	0.9935	0.9870	0.9991	0.9984	0.9996
19.0	0.7707	0.9985	0.9837	0.9760	0.9984	0.9975	0.9993
19.1	0.8054	0.9988	0.9891	0.9824	0.9986	0.9985	0.9995
19.2	0.8242	0.9986	0.9903	0.9851	0.9984	0.9987	0.9995
19.3	0.8610	0.9986	0.9942	0.9871	0.9984	0.9988	0.9995
19.4	0.8909	0.9985	0.9937	0.9864	0.9983	0.9988	0.9995
19.5	0.8995	0.9983	0.9920	0.9828	0.9981	0.9985	0.9995
19.6	0.9282	0.9982	0.9920	0.9827	0.9981	0.9987	0.9994
19.7	0.9415	0.9981	0.9919	0.9797	0.9980	0.9986	0.9992
19.8	0.9525	0.9980	0.9929	0.9664	0.9978	0.9985	0.9992
19.9	0.9623	0.9978	0.9946	0.9643	0.9976	0.9985	0.9994
20.0	0.9610	0.9977	0.9933	0.9386	0.9976	0.9985	0.9992
20.1	0.9654	0.9969	0.9936	0.9008	0.9969	0.9979	0.9991
20.2	0.9723	0.9965	0.9957	0.8460	0.9965	0.9983	0.9991
20.3	0.9798	0.9954	0.9969	0.7226	0.9952	0.9987	0.9991
20.4	0.9708	0.9951	0.9960	0.5001	0.9952	0.9980	0.9988
20.5	0.9777	0.9946	0.9964	0.5665	0.9945	0.9985	0.9987
20.6	0.9850	0.9953	0.9963	0.7399	0.9953	0.9984	0.9986
20.7	0.9838	0.9941	0.9967	0.8445	0.9939	0.9986	0.9986
20.8	0.9872	0.9934	0.9968	0.9123	0.9931	0.9986	0.9986
20.9	0.9906	0.9932	0.9974	0.9311	0.9931	0.9982	0.9987
21.0	0.9885	0.9916	0.9966	0.9473	0.9914	0.9980	0.9984
21.1	0.9869	0.9885	0.9964	0.9429	0.9882	0.9974	0.9978
21.2	0.9897	0.9901	0.9961	0.9599	0.9899	0.9974	0.9979
21.3	0.9905	0.9895	0.9958	0.9696	0.9892	0.9966	0.9982
21.4	0.9867	0.9871	0.9955	0.9703	0.9867	0.9967	0.9976
21.5	0.9862	0.9887	0.9942	0.9715	0.9882	0.9971	0.9976
21.6	0.9857	0.9888	0.9938	0.9743	0.9882	0.9964	0.9980
21.7	0.9834	0.9867	0.9920	0.9786	0.9860	0.9963	0.9974
21.8	0.9847	0.9876	0.9900	0.9772	0.9870	0.9962	0.9969
21.9	0.9826	0.9883	0.9927	0.9725	0.9877	0.9954	0.9967
22.0	0.9831	0.9922	0.9930	0.9764	0.9919	0.9968	0.9972
22.1	0.9836	0.9927	0.9914	0.9763	0.9924	0.9975	0.9977
22.2	0.9876	0.9917	0.9932	0.9820	0.9915	0.9978	0.9969
22.3	0.9884	0.9883	0.9942	0.9845	0.9881	0.9977	0.9949
22.4	0.9872	0.9884	0.9932	0.9870	0.9883	0.9977	0.9940
22.5	0.9851	0.9849	0.9919	0.9865	0.9847	0.9972	0.9923
22.6	0.9822	0.9839	0.9895	0.9878	0.9838	0.9972	0.9893
22.7	0.9909	0.9906	0.9929	0.9933	0.9906	0.9978	0.9931
22.8	0.9871	0.9848	0.9893	0.9908	0.9848	0.9973	0.9884
22.9	0.9892	0.9856	0.9893	0.9880	0.9855	0.9966	0.9871
23.0	0.9896	0.9884	0.9859	0.9817	0.9883	0.9963	0.9880
23.1	0.9860	0.9852	0.9730	0.9848	0.9851	0.9974	0.9814
23.2	0.9922	0.9914	0.9738	0.9920	0.9912	0.9979	0.9875
23.3	0.9938	0.9924	0.9792	0.9921	0.9922	0.9980	0.9896
23.4	0.9905	0.9885	0.9369	0.9908	0.9882	0.9980	0.9788
23.5	0.9900	0.9886	0.9324	0.9892	0.9887	0.9979	0.9786
23.6	0.9935	0.9945	0.9452	0.9938	0.9943	0.9988	0.9890
23.7	0.9931	0.9933	0.9582	0.9937	0.9930	0.9989	0.9881
23.8	0.9958	0.9949	0.9788	0.9946	0.9947	0.9992	0.9936
23.9	0.9949	0.9931	0.9773	0.9954	0.9930	0.9991	0.9924
24.0	0.9929	0.9925	0.9734	0.9925	0.9923	0.9988	0.9917
24.1	0.9936	0.9913	0.9843	0.9918	0.9906	0.9987	0.9940
24.2	0.9948	0.9938	0.9910	0.9947	0.9936	0.9991	0.9961
24.3	0.9955	0.9935	0.9924	0.9958	0.9933	0.9993	0.9966
24.4	0.9939	0.9911	0.9919	0.9938	0.9904	0.9989	0.9969
24.5	0.9930	0.9923	0.9929	0.9946	0.9916	0.9989	0.9975
24.6	0.9929	0.9888	0.9932	0.9930	0.9877	0.9989	0.9971
24.7	0.9963	0.9932	0.9958	0.9960	0.9924	0.9992	0.9982
24.8	0.9957	0.9905	0.9962	0.9958	0.9896	0.9989	0.9978
24.9	0.9955	0.9903	0.9959	0.9969	0.9887	0.9989	0.9978
25.0	0.9966	0.9914	0.9973	0.9970	0.9901	0.9991	0.9984
25.1	0.9963	0.9925	0.9967	0.9975	0.9913	0.9992	0.9985

25.2	0.9947	0.9879	0.9964	0.9957	0.9867	0.9989	0.9979
25.3	0.9937	0.9864	0.9957	0.9964	0.9846	0.9990	0.9980
25.4	0.9951	0.9911	0.9970	0.9973	0.9889	0.9992	0.9989
25.5	0.9949	0.9909	0.9959	0.9966	0.9888	0.9988	0.9979
25.6	0.9935	0.9856	0.9958	0.9956	0.9815	0.9987	0.9978
25.7	0.9930	0.9879	0.9939	0.9955	0.9837	0.9981	0.9971
25.8	0.9935	0.9849	0.9963	0.9972	0.9795	0.9988	0.9981
25.9	0.9952	0.9788	0.9963	0.9982	0.9706	0.9989	0.9983
26.0	0.9955	0.9805	0.9963	0.9973	0.9722	0.9985	0.9979
26.1	0.9940	0.9731	0.9960	0.9958	0.9584	0.9983	0.9976
26.2	0.9937	0.9781	0.9954	0.9968	0.9668	0.9984	0.9976
26.3	0.9959	0.9789	0.9960	0.9968	0.9679	0.9985	0.9978
26.4	0.9957	0.9746	0.9962	0.9979	0.9611	0.9988	0.9982
26.5	0.9952	0.9733	0.9960	0.9971	0.9603	0.9984	0.9979
26.6	0.9952	0.9805	0.9969	0.9972	0.9703	0.9988	0.9986
26.7	0.9957	0.9892	0.9981	0.9979	0.9833	0.9988	0.9987
26.8	0.9958	0.9861	0.9986	0.9978	0.9799	0.9987	0.9986
26.9	0.9958	0.9728	0.9987	0.9979	0.9606	0.9979	0.9980
27.0	0.9959	0.9663	0.9983	0.9975	0.9489	0.9972	0.9973
27.1	0.9954	0.9676	0.9982	0.9972	0.9542	0.9974	0.9974
27.2	0.9953	0.9728	0.9970	0.9974	0.9600	0.9965	0.9964
27.3	0.9930	0.9689	0.9952	0.9954	0.9524	0.9948	0.9948
27.4	0.9951	0.9706	0.9961	0.9959	0.9576	0.9955	0.9958
27.5	0.9934	0.9805	0.9954	0.9960	0.9717	0.9951	0.9952
27.6	0.9935	0.9784	0.9944	0.9956	0.9704	0.9924	0.9935
27.7	0.9937	0.9777	0.9941	0.9948	0.9708	0.9922	0.9930
27.8	0.9941	0.9858	0.9948	0.9960	0.9805	0.9933	0.9940
27.9	0.9954	0.9892	0.9936	0.9961	0.9844	0.9908	0.9925
28.0	0.9964	0.9900	0.9953	0.9970	0.9871	0.9924	0.9942
28.1	0.9935	0.9902	0.9942	0.9966	0.9860	0.9899	0.9924
28.2	0.9954	0.9905	0.9945	0.9977	0.9850	0.9892	0.9923
28.3	0.9960	0.9913	0.9942	0.9977	0.9871	0.9888	0.9915
28.4	0.9968	0.9911	0.9943	0.9983	0.9874	0.9874	0.9915
28.5	0.9955	0.9897	0.9932	0.9975	0.9856	0.9850	0.9897
28.6	0.9926	0.9882	0.9919	0.9957	0.9820	0.9828	0.9876
28.7	0.9949	0.9882	0.9931	0.9969	0.9826	0.9857	0.9903
28.8	0.9951	0.9886	0.9922	0.9976	0.9841	0.9844	0.9886
28.9	0.9956	0.9888	0.9916	0.9973	0.9843	0.9796	0.9862
29.0	0.9936	0.9888	0.9878	0.9958	0.9856	0.9774	0.9805
29.1	0.9941	0.9890	0.9887	0.9968	0.9837	0.9799	0.9829
29.2	0.9947	0.9892	0.9916	0.9971	0.9852	0.9845	0.9873
29.3	0.9952	0.9887	0.9934	0.9972	0.9857	0.9897	0.9905
29.4	0.9942	0.9809	0.9878	0.9965	0.9757	0.9849	0.9838
29.5	0.9919	0.9810	0.9846	0.9958	0.9755	0.9804	0.9804
29.6	0.9922	0.9828	0.9890	0.9969	0.9775	0.9870	0.9862
29.7	0.9919	0.9846	0.9878	0.9962	0.9809	0.9871	0.9864
29.8	0.9928	0.9863	0.9904	0.9962	0.9825	0.9909	0.9897
29.9	0.9876	0.9776	0.9821	0.9937	0.9701	0.9881	0.9864
30.0	0.9847	0.9767	0.9824	0.9932	0.9702	0.9904	0.9891
30.1	0.9863	0.9866	0.9884	0.9943	0.9836	0.9894	0.9883
30.2	0.9767	0.9798	0.9891	0.9918	0.9763	0.9935	0.9923
30.3	0.9788	0.9804	0.9892	0.9918	0.9786	0.9944	0.9942
30.4	0.9824	0.9854	0.9925	0.9954	0.9837	0.9944	0.9948
30.5	0.9750	0.9869	0.9927	0.9952	0.9853	0.9949	0.9952
30.6	0.9569	0.9847	0.9918	0.9929	0.9831	0.9941	0.9938
30.7	0.9414	0.9863	0.9908	0.9924	0.9855	0.9953	0.9951
30.8	0.9340	0.9841	0.9911	0.9920	0.9828	0.9948	0.9957
30.9	0.9154	0.9868	0.9891	0.9919	0.9856	0.9935	0.9950
31.0	0.8833	0.9907	0.9895	0.9920	0.9899	0.9952	0.9947
31.1	0.8120	0.9899	0.9892	0.9914	0.9878	0.9952	0.9934
31.2	0.7083	0.9882	0.9882	0.9916	0.9854	0.9942	0.9936
31.3	0.5757	0.9874	0.9910	0.9931	0.9857	0.9952	0.9944
31.4	0.2466	0.9827	0.9915	0.9913	0.9799	0.9949	0.9937
31.5	0.0413	0.9860	0.9913	0.9928	0.9818	0.9953	0.9948
31.6	0.0324	0.9889	0.9927	0.9931	0.9852	0.9959	0.9952
31.7	0.2073	0.9879	0.9924	0.9908	0.9831	0.9957	0.9944
31.8	0.4120	0.9857	0.9916	0.9910	0.9810	0.9953	0.9946
31.9	0.5861	0.9754	0.9886	0.9884	0.9688	0.9930	0.9914
32.0	0.8001	0.9755	0.9912	0.9859	0.9697	0.9939	0.9935
32.1	0.7779	0.9677	0.9915	0.9870	0.9570	0.9937	0.9928
32.2	0.7945	0.9559	0.9879	0.9831	0.9430	0.9897	0.9906
32.3	0.8686	0.9678	0.9906	0.9834	0.9571	0.9917	0.9929
32.4	0.9044	0.9685	0.9926	0.9847	0.9586	0.9930	0.9941
32.5	0.9107	0.9634	0.9933	0.9800	0.9510	0.9924	0.9936
32.6	0.8990	0.9601	0.9945	0.9809	0.9431	0.9932	0.9941
32.7	0.9209	0.9563	0.9921	0.9780	0.9427	0.9898	0.9937
32.8	0.9267	0.9417	0.9905	0.9687	0.9292	0.9867	0.9926
32.9	0.9524	0.9509	0.9941	0.9747	0.9411	0.9912	0.9945
33.0	0.9658	0.9563	0.9958	0.9797	0.9465	0.9937	0.9963
33.1	0.9669	0.9495	0.9951	0.9744	0.9387	0.9921	0.9952
33.2	0.9750	0.9542	0.9957	0.9824	0.9430	0.9931	0.9959
33.3	0.9791	0.9472	0.9940	0.9799	0.9350	0.9907	0.9944
33.4	0.9838	0.9477	0.9955	0.9836	0.9411	0.9924	0.9957
33.5	0.9790	0.9188	0.9947	0.9857	0.9087	0.9903	0.9953
33.6	0.9700	0.8584	0.9931	0.9773	0.8341	0.9855	0.9942
33.7	0.9742	0.8549	0.9948	0.9865	0.8253	0.9886	0.9956

33.8	0.9752	0.8333	0.9950	0.9887	0.7903	0.9906	0.9955
33.9	0.9747	0.7914	0.9942	0.9901	0.7180	0.9895	0.9950
34.0	0.9752	0.7906	0.9955	0.9903	0.6661	0.9921	0.9954
34.1	0.9790	0.8910	0.9968	0.9907	0.8283	0.9945	0.9963
34.2	0.9803	0.9433	0.9954	0.9900	0.9126	0.9913	0.9945
34.3	0.9783	0.9371	0.9929	0.9910	0.9096	0.9848	0.9908
34.4	0.9839	0.9255	0.9939	0.9921	0.9006	0.9875	0.9943
34.5	0.9829	0.9357	0.9947	0.9910	0.9174	0.9900	0.9956
34.6	0.9864	0.9496	0.9952	0.9924	0.9393	0.9908	0.9958
34.7	0.9886	0.9373	0.9937	0.9922	0.9215	0.9871	0.9939
34.8	0.9914	0.9448	0.9953	0.9926	0.9309	0.9899	0.9959
34.9	0.9943	0.9551	0.9947	0.9951	0.9398	0.9883	0.9960
35.0	0.9954	0.9630	0.9955	0.9951	0.9516	0.9898	0.9969
35.1	0.9923	0.9415	0.9903	0.9916	0.9282	0.9785	0.9941
35.2	0.9912	0.9219	0.9903	0.9913	0.8997	0.9777	0.9935
35.3	0.9895	0.8998	0.9891	0.9916	0.8671	0.9698	0.9933
35.4	0.9873	0.9331	0.9906	0.9916	0.9123	0.9720	0.9941
35.5	0.9862	0.9454	0.9872	0.9897	0.9327	0.9631	0.9933
35.6	0.9847	0.9516	0.9879	0.9887	0.9431	0.9689	0.9930
35.7	0.9847	0.9568	0.9891	0.9901	0.9499	0.9765	0.9937
35.8	0.9845	0.9697	0.9916	0.9928	0.9648	0.9816	0.9953
35.9	0.9778	0.9568	0.9871	0.9879	0.9538	0.9722	0.9923
36.0	0.9882	0.9683	0.9939	0.9945	0.9652	0.9872	0.9940
36.1	0.9879	0.9742	0.9940	0.9954	0.9701	0.9855	0.9938
36.2	0.9885	0.9724	0.9940	0.9951	0.9691	0.9854	0.9927
36.3	0.9908	0.9689	0.9940	0.9947	0.9654	0.9858	0.9906
36.4	0.9924	0.9698	0.9932	0.9944	0.9664	0.9849	0.9903
36.5	0.9923	0.9729	0.9939	0.9945	0.9693	0.9847	0.9907
36.6	0.9935	0.9735	0.9955	0.9958	0.9698	0.9874	0.9902
36.7	0.9959	0.9721	0.9955	0.9965	0.9669	0.9891	0.9922
36.8	0.9956	0.9772	0.9940	0.9964	0.9710	0.9843	0.9895
36.9	0.9942	0.9774	0.9945	0.9953	0.9726	0.9846	0.9879
37.0	0.9937	0.9655	0.9952	0.9951	0.9614	0.9853	0.9876
37.1	0.9949	0.9674	0.9936	0.9955	0.9645	0.9813	0.9866
37.2	0.9957	0.9772	0.9947	0.9965	0.9718	0.9798	0.9865
37.3	0.9947	0.9715	0.9935	0.9953	0.9623	0.9783	0.9844
37.4	0.9953	0.9749	0.9948	0.9955	0.9682	0.9784	0.9868
37.5	0.9943	0.9748	0.9943	0.9946	0.9710	0.9739	0.9870
37.6	0.9949	0.9792	0.9949	0.9954	0.9742	0.9770	0.9856
37.7	0.9952	0.9819	0.9932	0.9955	0.9766	0.9679	0.9789
37.8	0.9945	0.9806	0.9909	0.9939	0.9773	0.9514	0.9741
37.9	0.9930	0.9838	0.9888	0.9926	0.9809	0.9428	0.9643
38.0	0.9953	0.9872	0.9863	0.9957	0.9831	0.8811	0.9680
38.1	0.9934	0.9893	0.9896	0.9945	0.9861	0.8425	0.9789
38.2	0.9957	0.9884	0.9918	0.9951	0.9861	0.8090	0.9860
38.3	0.9958	0.9880	0.9888	0.9953	0.9848	0.6868	0.9863
38.4	0.9958	0.9910	0.9901	0.9954	0.9878	0.7500	0.9870
38.5	0.9952	0.9902	0.9886	0.9949	0.9881	0.7343	0.9867
38.6	0.9953	0.9924	0.9908	0.9962	0.9897	0.8135	0.9901
38.7	0.9928	0.9891	0.9862	0.9942	0.9856	0.8176	0.9840
38.8	0.9915	0.9902	0.9907	0.9938	0.9868	0.9067	0.9878
38.9	0.9943	0.9909	0.9904	0.9957	0.9885	0.9205	0.9897
39.0	0.9945	0.9901	0.9919	0.9956	0.9877	0.9396	0.9901
39.1	0.9926	0.9908	0.9928	0.9954	0.9883	0.9416	0.9906
39.2	0.9931	0.9899	0.9924	0.9963	0.9876	0.9456	0.9893
39.3	0.9943	0.9932	0.9921	0.9964	0.9916	0.9487	0.9900
39.4	0.9909	0.9910	0.9928	0.9955	0.9891	0.9541	0.9928
39.5	0.9915	0.9910	0.9949	0.9955	0.9896	0.9673	0.9950
39.6	0.9892	0.9841	0.9933	0.9946	0.9799	0.9591	0.9932
39.7	0.9904	0.9728	0.9925	0.9955	0.9652	0.9442	0.9906
39.8	0.9906	0.9821	0.9939	0.9963	0.9764	0.9466	0.9913
39.9	0.9880	0.9869	0.9926	0.9960	0.9830	0.9443	0.9916
40.0	0.9865	0.9883	0.9933	0.9950	0.9846	0.9498	0.9898
40.1	0.9868	0.9890	0.9932	0.9950	0.9862	0.9443	0.9889
40.2	0.9877	0.9913	0.9946	0.9958	0.9889	0.9532	0.9929
40.3	0.9875	0.9902	0.9935	0.9959	0.9873	0.9484	0.9911
40.4	0.9863	0.9888	0.9937	0.9960	0.9852	0.9461	0.9904
40.5	0.9846	0.9862	0.9924	0.9959	0.9826	0.9337	0.9894
40.6	0.9801	0.9844	0.9884	0.9942	0.9798	0.9132	0.9844
40.7	0.9787	0.9830	0.9884	0.9947	0.9777	0.8959	0.9840
40.8	0.9726	0.9822	0.9866	0.9946	0.9777	0.8752	0.9818
40.9	0.9736	0.9860	0.9890	0.9949	0.9814	0.8976	0.9842
41.0	0.9709	0.9850	0.9888	0.9946	0.9795	0.8806	0.9839
41.1	0.9676	0.9799	0.9848	0.9956	0.9740	0.8609	0.9795
41.2	0.9621	0.9778	0.9842	0.9958	0.9720	0.8679	0.9795
41.3	0.9619	0.9794	0.9834	0.9938	0.9719	0.8776	0.9792
41.4	0.9604	0.9761	0.9820	0.9936	0.9685	0.8510	0.9781
41.5	0.9475	0.9590	0.9777	0.9922	0.9471	0.8337	0.9782
41.6	0.9190	0.9411	0.9675	0.9898	0.9275	0.7973	0.9706
41.7	0.9269	0.9456	0.9636	0.9913	0.9394	0.7690	0.9624
41.8	0.9234	0.9556	0.9628	0.9894	0.9490	0.7701	0.9500
41.9	0.9394	0.9590	0.9737	0.9920	0.9500	0.8250	0.9623
42.0	0.9261	0.9325	0.9674	0.9927	0.9176	0.8273	0.9589
42.1	0.8829	0.9133	0.9501	0.9898	0.8960	0.7585	0.9375
42.2	0.8968	0.9118	0.9606	0.9919	0.8922	0.8202	0.9493
42.3	0.8895	0.8681	0.9610	0.9913	0.8375	0.8259	0.9467

42.4	0.8866	0.8100	0.9582	0.9927	0.7533	0.7806	0.9539
42.5	0.8902	0.7928	0.9509	0.9936	0.7205	0.7503	0.9576
42.6	0.9006	0.8372	0.9646	0.9932	0.7653	0.8000	0.9642
42.7	0.8760	0.8261	0.9587	0.9915	0.7463	0.7864	0.9677
42.8	0.8364	0.8270	0.9500	0.9901	0.7571	0.7528	0.9616
42.9	0.7878	0.7619	0.9338	0.9835	0.6665	0.7480	0.9565
43.0	0.7904	0.6569	0.9407	0.9888	0.5190	0.7830	0.9645
43.1	0.8043	0.5860	0.9479	0.9901	0.4145	0.8085	0.9691
43.2	0.8497	0.6540	0.9596	0.9927	0.4394	0.8297	0.9790
43.3	0.8728	0.7062	0.9485	0.9913	0.5194	0.8536	0.9832
43.4	0.9013	0.7957	0.9372	0.9904	0.6705	0.8830	0.9816
43.5	0.9141	0.7777	0.9357	0.9893	0.6297	0.8913	0.9753
43.6	0.8698	0.6547	0.9211	0.9866	0.4218	0.8598	0.9664
43.7	0.8160	0.5234	0.9252	0.9886	0.2401	0.8312	0.9736
43.8	0.7539	0.4696	0.9139	0.9870	0.2032	0.8348	0.9636
43.9	0.7169	0.5891	0.9393	0.9914	0.3558	0.9093	0.9666
44.0	0.6968	0.6831	0.9425	0.9857	0.4786	0.8925	0.9606
44.1	0.7652	0.6920	0.8731	0.9696	0.4572	0.8377	0.9327
44.2	0.8221	0.6807	0.8640	0.9694	0.4331	0.8623	0.9382
44.3	0.7504	0.4254	0.8837	0.9585	0.1545	0.8670	0.9444
44.4	0.8278	0.4994	0.9662	0.9702	0.2115	0.9125	0.9643
44.5	0.8209	0.4896	0.9533	0.9785	0.2266	0.8864	0.9601
44.6	0.8127	0.3626	0.9216	0.9763	0.0918	0.8877	0.9569
44.7	0.8509	0.2459	0.9488	0.9747	0.0326	0.9278	0.9615
44.8	0.8016	0.3312	0.9483	0.9723	0.1736	0.8940	0.9356
44.9	0.7280	0.3695	0.9429	0.9727	0.2909	0.8583	0.9168
45.0	0.7134	0.4511	0.9541	0.9698	0.3061	0.9072	0.9244
45.1	0.7088	0.5110	0.9759	0.9582	0.3369	0.9177	0.9424
45.2	0.6761	0.2348	0.9737	0.9380	0.0963	0.8386	0.9340
45.3	0.7524	0.0022	0.9629	0.9388	0.0938	0.8362	0.9393
45.4	0.7956	0.1736	0.9639	0.9538	0.3455	0.8216	0.9574
45.5	0.7727	0.4201	0.9438	0.9375	0.4131	0.8005	0.9324
45.6	0.8055	0.4555	0.9320	0.9432	0.3371	0.8505	0.9204
45.7	0.8106	0.3429	0.9243	0.9440	0.3122	0.8808	0.9047
45.8	0.8061	0.4734	0.9458	0.9551	0.4506	0.9193	0.8991
45.9	0.7797	0.4066	0.9226	0.9450	0.3253	0.9286	0.8961
46.0	0.8791	0.5514	0.9424	0.9626	0.4032	0.9653	0.9432
46.1	0.8934	0.3812	0.9351	0.9561	0.2045	0.9538	0.9458
46.2	0.8978	0.3903	0.9605	0.9592	0.3376	0.9491	0.9306
46.3	0.9091	0.3957	0.9639	0.9468	0.3862	0.9418	0.9367
46.4	0.8916	0.1968	0.9539	0.9430	0.1695	0.9496	0.9281
46.5	0.9187	0.0907	0.9538	0.9604	0.0116	0.9677	0.9259
46.6	0.9245	0.0718	0.9618	0.9640	0.1688	0.9665	0.9007
46.7	0.9275	0.1436	0.9741	0.9751	0.4448	0.9711	0.8957
46.8	0.9249	0.3665	0.9813	0.9779	0.6178	0.9631	0.8984
46.9	0.9336	0.6362	0.9915	0.9796	0.7817	0.9760	0.9325
47.0	0.9418	0.7737	0.9907	0.9782	0.8590	0.9760	0.9557
47.1	0.9386	0.7700	0.9868	0.9798	0.8458	0.9772	0.9612
47.2	0.9079	0.7494	0.9740	0.9779	0.8120	0.9590	0.9288
47.3	0.8782	0.7419	0.9697	0.9658	0.7894	0.9399	0.9332
47.4	0.8699	0.7528	0.9747	0.9648	0.7837	0.9576	0.9419
47.5	0.9112	0.7979	0.9855	0.9748	0.8288	0.9817	0.9515
47.6	0.8701	0.7457	0.9832	0.9696	0.7870	0.9786	0.9345
47.7	0.8729	0.8487	0.9795	0.9797	0.8697	0.9711	0.9609
47.8	0.8836	0.8662	0.9697	0.9824	0.8869	0.9708	0.9756
47.9	0.8996	0.8146	0.9639	0.9685	0.8184	0.9670	0.9703
48.0	0.8748	0.7118	0.9786	0.9650	0.7306	0.9766	0.9542
48.1	0.8910	0.7163	0.9915	0.9806	0.7634	0.9873	0.9654
48.2	0.9271	0.8443	0.9924	0.9831	0.8642	0.9881	0.9773
48.3	0.9334	0.9020	0.9876	0.9842	0.9028	0.9794	0.9802
48.4	0.9288	0.9117	0.9842	0.9792	0.9128	0.9700	0.9821
48.5	0.8918	0.8666	0.9728	0.9730	0.8688	0.9585	0.9757
48.6	0.9133	0.8643	0.9724	0.9739	0.8689	0.9605	0.9721
48.7	0.8699	0.8935	0.9716	0.9771	0.8903	0.9524	0.9717
48.8	0.7998	0.9078	0.9741	0.9809	0.8998	0.9517	0.9685
48.9	0.8217	0.8709	0.9703	0.9796	0.8633	0.9652	0.9710
49.0	0.8705	0.8809	0.9757	0.9693	0.8723	0.9485	0.9756
49.1	0.8867	0.8858	0.9806	0.9648	0.8800	0.9395	0.9764
49.2	0.8926	0.8967	0.9780	0.9661	0.9041	0.9124	0.9764
49.3	0.8805	0.9168	0.9818	0.9667	0.9205	0.8956	0.9800
49.4	0.8798	0.9139	0.9888	0.9751	0.9157	0.9155	0.9801
49.5	0.9003	0.9367	0.9841	0.9737	0.9316	0.8729	0.9841
49.6	0.9145	0.9474	0.9817	0.9695	0.9441	0.6093	0.9841
49.7	0.9216	0.9621	0.9883	0.9826	0.9630	0.4642	0.9854
49.8	0.8504	0.9197	0.9847	0.9748	0.9214	0.6266	0.9684
49.9	0.8153	0.9041	0.9774	0.9700	0.9050	0.7423	0.9695
50.0	0.8272	0.9026	0.9759	0.9635	0.9028	0.6951	0.9660
50.1	0.8996	0.9660	0.9911	0.9812	0.9651	0.8077	0.9831
50.2	0.8704	0.9570	0.9904	0.9803	0.9568	0.7424	0.9792
50.3	0.8604	0.9496	0.9870	0.9787	0.9472	0.5908	0.9749
50.4	0.8858	0.9647	0.9908	0.9808	0.9636	0.7132	0.9869
50.5	0.8617	0.9627	0.9901	0.9786	0.9614	0.7535	0.9826
50.6	0.8461	0.9698	0.9909	0.9851	0.9690	0.8607	0.9796
50.7	0.8142	0.9725	0.9917	0.9876	0.9710	0.9002	0.9835
50.8	0.8193	0.9668	0.9885	0.9830	0.9654	0.8641	0.9861
50.9	0.7565	0.9548	0.9804	0.9757	0.9500	0.8375	0.9810

51.0	0.8121	0.9313	0.9772	0.9752	0.9272	0.8180	0.9794
51.1	0.8832	0.9334	0.9804	0.9765	0.9327	0.5930	0.9793
51.2	0.8446	0.9421	0.9808	0.9742	0.9393	0.7744	0.9723
51.3	0.8106	0.9311	0.9733	0.9655	0.9219	0.8071	0.9777
51.4	0.8562	0.9351	0.9744	0.9601	0.9280	0.5056	0.9688
51.5	0.9279	0.9687	0.9853	0.9739	0.9670	0.3929	0.9677
51.6	0.9239	0.9644	0.9820	0.9681	0.9634	0.6772	0.9632
51.7	0.8929	0.9643	0.9798	0.9738	0.9626	0.8482	0.9636
51.8	0.9180	0.9821	0.9885	0.9869	0.9804	0.9350	0.9719
51.9	0.8895	0.9702	0.9810	0.9811	0.9639	0.9179	0.9678
52.0	0.8623	0.9640	0.9774	0.9755	0.9576	0.8995	0.9755
52.1	0.8881	0.9660	0.9782	0.9753	0.9639	0.8897	0.9784
52.2	0.9300	0.9785	0.9858	0.9851	0.9769	0.9445	0.9808
52.3	0.9120	0.9735	0.9835	0.9834	0.9728	0.9537	0.9794
52.4	0.8019	0.9476	0.9670	0.9755	0.9422	0.9238	0.9652
52.5	0.8207	0.9598	0.9708	0.9770	0.9538	0.9240	0.9725
52.6	0.8662	0.9748	0.9818	0.9840	0.9708	0.9677	0.9798
52.7	0.7453	0.9544	0.9758	0.9782	0.9465	0.9599	0.9723
52.8	0.6435	0.9283	0.9645	0.9651	0.9169	0.9379	0.9651
52.9	0.6816	0.9110	0.9621	0.9464	0.9024	0.9337	0.9589
53.0	0.7198	0.9033	0.9516	0.9403	0.8934	0.8794	0.9431
53.1	0.8410	0.9500	0.9705	0.9717	0.9446	0.9225	0.9574
53.2	0.8747	0.9593	0.9809	0.9790	0.9563	0.9589	0.9596
53.3	0.8843	0.9551	0.9806	0.9763	0.9524	0.9627	0.9651
53.4	0.8568	0.9502	0.9788	0.9710	0.9454	0.9662	0.9617
53.5	0.8719	0.9670	0.9819	0.9728	0.9617	0.9709	0.9745
53.6	0.8946	0.9698	0.9682	0.9704	0.9637	0.9435	0.9762
53.7	0.8606	0.9602	0.9563	0.9735	0.9546	0.9541	0.9713
53.8	0.7772	0.9286	0.9461	0.9618	0.9183	0.9263	0.9575
53.9	0.8691	0.9478	0.9704	0.9620	0.9412	0.9361	0.9619
54.0	0.8827	0.9573	0.9752	0.9724	0.9526	0.9642	0.9663
54.1	0.8690	0.9488	0.9759	0.9676	0.9403	0.9731	0.9707
54.2	0.8175	0.9180	0.9661	0.9398	0.9082	0.9610	0.9642
54.3	0.8567	0.9259	0.9681	0.9445	0.9178	0.9554	0.9673
54.4	0.8358	0.9198	0.9596	0.9417	0.9061	0.9574	0.9623
54.5	0.7746	0.8864	0.9543	0.9266	0.8625	0.9644	0.9510
54.6	0.8384	0.8995	0.9654	0.9201	0.8804	0.9776	0.9610
54.7	0.8456	0.8973	0.9709	0.9209	0.8720	0.9815	0.9742
54.8	0.7652	0.9041	0.9730	0.9209	0.8782	0.9792	0.9729
54.9	0.7895	0.9218	0.9698	0.9375	0.9031	0.9779	0.9712
55.0	0.8411	0.9295	0.9803	0.9366	0.9148	0.9832	0.9709
55.1	0.8031	0.9144	0.9784	0.9342	0.8968	0.9841	0.9649
55.2	0.7466	0.9148	0.9792	0.9411	0.8952	0.9865	0.9613
55.3	0.7620	0.8967	0.9752	0.9080	0.8655	0.9850	0.9572
55.4	0.8286	0.9137	0.9797	0.9037	0.8871	0.9877	0.9577
55.5	0.7902	0.9223	0.9733	0.9201	0.8991	0.9841	0.9544
55.6	0.8501	0.9440	0.9714	0.9428	0.9280	0.9820	0.9620
55.7	0.8677	0.9425	0.9743	0.9386	0.9278	0.9868	0.9561
55.8	0.8289	0.9118	0.9805	0.9176	0.8967	0.9882	0.9467
55.9	0.7895	0.8968	0.9843	0.9021	0.8775	0.9884	0.9461
56.0	0.6876	0.9068	0.9783	0.9223	0.8837	0.9878	0.9376
56.1	0.6806	0.9221	0.9702	0.9164	0.8988	0.9794	0.9297
56.2	0.8087	0.9273	0.9740	0.9134	0.9086	0.9841	0.9303
56.3	0.8019	0.9109	0.9771	0.9049	0.8890	0.9854	0.9186
56.4	0.8004	0.9119	0.9806	0.9237	0.8869	0.9868	0.9344
56.5	0.7317	0.9080	0.9839	0.9128	0.8898	0.9854	0.9156
56.6	0.7493	0.9214	0.9849	0.9062	0.9037	0.9879	0.9107
56.7	0.7981	0.9400	0.9861	0.9216	0.9267	0.9916	0.9176
56.8	0.7372	0.9187	0.9868	0.8987	0.9013	0.9917	0.9086
56.9	0.7458	0.9108	0.9883	0.8820	0.8966	0.9919	0.8870
57.0	0.7545	0.9336	0.9888	0.9111	0.9156	0.9919	0.8586
57.1	0.8279	0.9600	0.9927	0.9313	0.9485	0.9939	0.8901
57.2	0.7414	0.9510	0.9884	0.9358	0.9411	0.9914	0.8861
57.3	0.7058	0.9378	0.9786	0.9297	0.9218	0.9863	0.8245
57.4	0.6851	0.9161	0.9811	0.9221	0.8983	0.9888	0.7790
57.5	0.6839	0.9207	0.9839	0.9300	0.9028	0.9892	0.7187
57.6	0.6195	0.9069	0.9840	0.9041	0.8891	0.9867	0.6831
57.7	0.6570	0.9150	0.9834	0.9191	0.8966	0.9876	0.7123
57.8	0.6981	0.9161	0.9856	0.9240	0.8977	0.9891	0.6797
57.9	0.6248	0.8916	0.9839	0.9024	0.8674	0.9860	0.5453
58.0	0.6661	0.9155	0.9891	0.9159	0.8987	0.9904	0.5934
58.1	0.6696	0.9238	0.9898	0.9154	0.9063	0.9899	0.5902
58.2	0.6617	0.9017	0.9904	0.8810	0.8813	0.9858	0.4847
58.3	0.7695	0.9341	0.9891	0.9095	0.9203	0.9877	0.3965
58.4	0.7828	0.9521	0.9885	0.9432	0.9431	0.9917	0.5414
58.5	0.7553	0.9280	0.9901	0.9323	0.9150	0.9904	0.5807
58.6	0.7520	0.9183	0.9867	0.9213	0.9030	0.9883	0.4879
58.7	0.7819	0.9143	0.9854	0.9242	0.8952	0.9831	0.4800
58.8	0.7323	0.9004	0.9836	0.9147	0.8757	0.9840	0.5316
58.9	0.7100	0.8770	0.9841	0.8955	0.8533	0.9820	0.5698
59.0	0.6855	0.8539	0.9795	0.8835	0.8189	0.9814	0.5920
59.1	0.7390	0.8904	0.9866	0.9241	0.8611	0.9867	0.6819
59.2	0.8231	0.9144	0.9920	0.9371	0.8874	0.9898	0.7548
59.3	0.8548	0.9266	0.9929	0.9433	0.9032	0.9928	0.8099
59.4	0.8364	0.9297	0.9928	0.9360	0.9079	0.9921	0.8425
59.5	0.7481	0.8927	0.9932	0.9285	0.8695	0.9925	0.8954

59.6	0.6703	0.8952	0.9939	0.9344	0.8732	0.9935	0.9101
59.7	0.4901	0.8826	0.9942	0.8623	0.8598	0.9916	0.9101
59.8	0.3331	0.8335	0.9935	0.4082	0.7946	0.9881	0.9234
59.9	0.2932	0.8361	0.9938	0.0304	0.8091	0.9895	0.2794
60.0	0.3945	0.8789	0.9968	0.0170	0.8566	0.9936	0.2637
60.1	0.3059	0.8869	0.9970	0.0259	0.8620	0.9936	0.5433
60.2	0.1536	0.8996	0.9954	0.3696	0.8825	0.9935	0.9569
60.3	0.4077	0.8948	0.9961	0.8983	0.8791	0.9942	0.9636
60.4	0.5186	0.9006	0.9971	0.9612	0.8869	0.9935	0.9657
60.5	0.6362	0.8894	0.9971	0.9656	0.8770	0.9933	0.9725
60.6	0.7107	0.8762	0.9971	0.9634	0.8655	0.9940	0.9782
60.7	0.8085	0.8933	0.9977	0.9695	0.8874	0.9942	0.9791
60.8	0.8376	0.8904	0.9976	0.9781	0.8895	0.9925	0.9784
60.9	0.8387	0.8958	0.9977	0.9801	0.8936	0.9946	0.9790
61.0	0.8266	0.9016	0.9972	0.9772	0.8983	0.9930	0.9775
61.1	0.8710	0.8880	0.9975	0.9783	0.8824	0.9905	0.9778
61.2	0.8923	0.9184	0.9956	0.9808	0.9119	0.9903	0.9744
61.3	0.9248	0.9260	0.9970	0.9873	0.9183	0.9909	0.9832
61.4	0.9292	0.9182	0.9975	0.9841	0.9076	0.9918	0.9856
61.5	0.9501	0.9356	0.9976	0.9885	0.9303	0.9917	0.9844
61.6	0.9510	0.9265	0.9969	0.9880	0.9241	0.9892	0.9849
61.7	0.9494	0.9353	0.9971	0.9853	0.9324	0.9894	0.9851
61.8	0.9585	0.9489	0.9966	0.9878	0.9474	0.9916	0.9816
61.9	0.9665	0.9385	0.9963	0.9876	0.9395	0.9916	0.9822
62.0	0.9763	0.9488	0.9973	0.9902	0.9500	0.9939	0.9869
62.1	0.9764	0.9539	0.9977	0.9910	0.9570	0.9947	0.9841
62.2	0.9740	0.9495	0.9972	0.9901	0.9521	0.9938	0.9867
62.3	0.9737	0.9479	0.9974	0.9894	0.9480	0.9910	0.9871
62.4	0.9821	0.9655	0.9978	0.9927	0.9663	0.9930	0.9904
62.5	0.9877	0.9651	0.9972	0.9926	0.9678	0.9922	0.9923
62.6	0.9836	0.9540	0.9969	0.9928	0.9592	0.9889	0.9878
62.7	0.9831	0.9561	0.9974	0.9926	0.9583	0.9854	0.9874
62.8	0.9825	0.9494	0.9973	0.9923	0.9520	0.9872	0.9902
62.9	0.9873	0.9612	0.9977	0.9928	0.9643	0.9886	0.9914
63.0	0.9892	0.9700	0.9969	0.9932	0.9731	0.9869	0.9897
63.1	0.9890	0.9727	0.9974	0.9919	0.9747	0.9875	0.9909
63.2	0.9888	0.9591	0.9966	0.9917	0.9636	0.9859	0.9895
63.3	0.9889	0.9545	0.9967	0.9931	0.9586	0.9859	0.9921
63.4	0.9905	0.9623	0.9966	0.9937	0.9650	0.9876	0.9908
63.5	0.9916	0.9695	0.9968	0.9928	0.9715	0.9870	0.9896
63.6	0.9903	0.9627	0.9972	0.9928	0.9610	0.9833	0.9914
63.7	0.9895	0.9599	0.9970	0.9923	0.9585	0.9804	0.9904
63.8	0.9896	0.9685	0.9966	0.9908	0.9678	0.9850	0.9899
63.9	0.9918	0.9717	0.9968	0.9930	0.9703	0.9824	0.9911
64.0	0.9928	0.9712	0.9973	0.9937	0.9707	0.9811	0.9913
64.1	0.9904	0.9732	0.9968	0.9918	0.9730	0.9820	0.9897
64.2	0.9920	0.9693	0.9965	0.9936	0.9690	0.9849	0.9914
64.3	0.9914	0.9741	0.9963	0.9929	0.9727	0.9736	0.9895
64.4	0.9912	0.9754	0.9963	0.9905	0.9733	0.9692	0.9898
64.5	0.9935	0.9692	0.9968	0.9921	0.9669	0.9733	0.9926
64.6	0.9935	0.9665	0.9967	0.9931	0.9648	0.9766	0.9920
64.7	0.9910	0.9576	0.9972	0.9903	0.9555	0.9708	0.9900
64.8	0.9915	0.9669	0.9962	0.9913	0.9648	0.9675	0.9904
64.9	0.9932	0.9696	0.9965	0.9920	0.9683	0.9695	0.9928
65.0	0.9948	0.9608	0.9968	0.9924	0.9583	0.9672	0.9929
65.1	0.9928	0.9624	0.9945	0.9884	0.9603	0.9610	0.9919
65.2	0.9939	0.9698	0.9964	0.9912	0.9661	0.9661	0.9927
65.3	0.9943	0.9649	0.9969	0.9918	0.9616	0.9631	0.9933
65.4	0.9955	0.9676	0.9964	0.9930	0.9645	0.9705	0.9937
65.5	0.9937	0.9643	0.9961	0.9911	0.9593	0.9636	0.9919
65.6	0.9951	0.9627	0.9965	0.9919	0.9579	0.9700	0.9934
65.7	0.9959	0.9667	0.9958	0.9914	0.9631	0.9694	0.9938
65.8	0.9948	0.9747	0.9960	0.9901	0.9718	0.9665	0.9931
65.9	0.9960	0.9750	0.9962	0.9886	0.9714	0.9736	0.9955
66.0	0.9951	0.9765	0.9966	0.9898	0.9742	0.9755	0.9951
66.1	0.9958	0.9767	0.9962	0.9900	0.9749	0.9732	0.9950
66.2	0.9962	0.9765	0.9946	0.9891	0.9752	0.9710	0.9954
66.3	0.9957	0.9807	0.9960	0.9896	0.9795	0.9782	0.9949
66.4	0.9946	0.9801	0.9946	0.9888	0.9791	0.9785	0.9942
66.5	0.9958	0.9825	0.9940	0.9896	0.9820	0.9823	0.9956
66.6	0.9956	0.9834	0.9950	0.9910	0.9830	0.9832	0.9947
66.7	0.9957	0.9861	0.9954	0.9906	0.9854	0.9806	0.9947
66.8	0.9942	0.9846	0.9936	0.9859	0.9833	0.9754	0.9941
66.9	0.9949	0.9889	0.9955	0.9882	0.9882	0.9801	0.9940
67.0	0.9959	0.9864	0.9959	0.9876	0.9858	0.9809	0.9944
67.1	0.9962	0.9861	0.9952	0.9887	0.9859	0.9852	0.9949
67.2	0.9964	0.9876	0.9960	0.9909	0.9871	0.9848	0.9960
67.3	0.9971	0.9890	0.9960	0.9910	0.9889	0.9875	0.9955
67.4	0.9956	0.9877	0.9942	0.9878	0.9876	0.9815	0.9928
67.5	0.9960	0.9898	0.9952	0.9900	0.9896	0.9788	0.9947
67.6	0.9948	0.9895	0.9942	0.9890	0.9894	0.9764	0.9942
67.7	0.9956	0.9918	0.9953	0.9912	0.9917	0.9829	0.9955
67.8	0.9968	0.9934	0.9960	0.9936	0.9932	0.9862	0.9960
67.9	0.9961	0.9915	0.9940	0.9936	0.9917	0.9792	0.9936
68.0	0.9960	0.9928	0.9953	0.9931	0.9928	0.9758	0.9941
68.1	0.9957	0.9934	0.9956	0.9925	0.9931	0.9787	0.9949

68.2	0.9964	0.9942	0.9962	0.9943	0.9941	0.9797	0.9953
68.3	0.9953	0.9935	0.9961	0.9937	0.9933	0.9817	0.9948
68.4	0.9957	0.9932	0.9952	0.9931	0.9931	0.9715	0.9926
68.5	0.9961	0.9945	0.9959	0.9937	0.9945	0.9711	0.9943
68.6	0.9971	0.9957	0.9965	0.9951	0.9957	0.9726	0.9955
68.7	0.9972	0.9960	0.9964	0.9960	0.9960	0.9770	0.9954
68.8	0.9960	0.9943	0.9954	0.9950	0.9944	0.9754	0.9944
68.9	0.9954	0.9936	0.9952	0.9938	0.9937	0.9746	0.9937
69.0	0.9960	0.9942	0.9951	0.9941	0.9941	0.9750	0.9942
69.1	0.9967	0.9959	0.9956	0.9952	0.9957	0.9817	0.9944
69.2	0.9954	0.9949	0.9953	0.9946	0.9947	0.9825	0.9943
69.3	0.9967	0.9959	0.9953	0.9954	0.9959	0.9848	0.9944
69.4	0.9968	0.9957	0.9945	0.9953	0.9958	0.9852	0.9937
69.5	0.9959	0.9949	0.9936	0.9946	0.9950	0.9824	0.9939
69.6	0.9957	0.9945	0.9954	0.9941	0.9941	0.9833	0.9941
69.7	0.9958	0.9948	0.9948	0.9947	0.9945	0.9843	0.9934
69.8	0.9955	0.9951	0.9945	0.9955	0.9952	0.9866	0.9942
69.9	0.9957	0.9954	0.9953	0.9958	0.9954	0.9890	0.9946
70.0	0.9966	0.9959	0.9952	0.9957	0.9958	0.9899	0.9943
70.1	0.9963	0.9951	0.9945	0.9947	0.9950	0.9886	0.9939
70.2	0.9962	0.9952	0.9932	0.9952	0.9952	0.9854	0.9940
70.3	0.9973	0.9968	0.9929	0.9968	0.9969	0.9889	0.9948
70.4	0.9974	0.9970	0.9949	0.9968	0.9968	0.9898	0.9953
70.5	0.9971	0.9966	0.9954	0.9967	0.9963	0.9892	0.9953
70.6	0.9978	0.9976	0.9952	0.9973	0.9975	0.9896	0.9962
70.7	0.9980	0.9973	0.9948	0.9969	0.9974	0.9909	0.9964
70.8	0.9976	0.9968	0.9934	0.9968	0.9968	0.9905	0.9963
70.9	0.9977	0.9970	0.9930	0.9969	0.9969	0.9893	0.9957
71.0	0.9973	0.9968	0.9945	0.9967	0.9965	0.9902	0.9957
71.1	0.9973	0.9969	0.9940	0.9963	0.9966	0.9920	0.9964
71.2	0.9976	0.9972	0.9924	0.9967	0.9971	0.9903	0.9966
71.3	0.9976	0.9971	0.9933	0.9972	0.9970	0.9892	0.9967
71.4	0.9965	0.9963	0.9921	0.9961	0.9959	0.9872	0.9956
71.5	0.9969	0.9964	0.9915	0.9962	0.9961	0.9900	0.9964
71.6	0.9973	0.9969	0.9920	0.9963	0.9968	0.9909	0.9971
71.7	0.9972	0.9972	0.9899	0.9968	0.9969	0.9897	0.9966
71.8	0.9967	0.9964	0.9885	0.9958	0.9962	0.9865	0.9966
71.9	0.9973	0.9970	0.9884	0.9961	0.9967	0.9853	0.9970
72.0	0.9969	0.9968	0.9859	0.9964	0.9965	0.9864	0.9966
72.1	0.9962	0.9957	0.9875	0.9954	0.9954	0.9879	0.9963
72.2	0.9964	0.9959	0.9866	0.9953	0.9955	0.9866	0.9967
72.3	0.9966	0.9960	0.9866	0.9954	0.9956	0.9869	0.9964
72.4	0.9965	0.9960	0.9873	0.9955	0.9955	0.9849	0.9967
72.5	0.9965	0.9963	0.9885	0.9956	0.9959	0.9870	0.9968
72.6	0.9952	0.9955	0.9857	0.9948	0.9949	0.9829	0.9963
72.7	0.9933	0.9936	0.9766	0.9923	0.9927	0.9765	0.9949
72.8	0.9954	0.9950	0.9815	0.9938	0.9947	0.9807	0.9961
72.9	0.9961	0.9955	0.9876	0.9947	0.9954	0.9821	0.9967
73.0	0.9963	0.9957	0.9868	0.9953	0.9957	0.9814	0.9965
73.1	0.9946	0.9940	0.9812	0.9935	0.9938	0.9757	0.9961
73.2	0.9962	0.9956	0.9825	0.9946	0.9954	0.9737	0.9967
73.3	0.9960	0.9957	0.9810	0.9944	0.9954	0.9699	0.9964
73.4	0.9966	0.9961	0.9855	0.9948	0.9959	0.9811	0.9967
73.5	0.9963	0.9961	0.9885	0.9956	0.9960	0.9862	0.9973
73.6	0.9951	0.9949	0.9849	0.9939	0.9944	0.9767	0.9963
73.7	0.9951	0.9944	0.9799	0.9929	0.9937	0.9683	0.9961
73.8	0.9959	0.9953	0.9816	0.9942	0.9947	0.9713	0.9965
73.9	0.9954	0.9952	0.9813	0.9940	0.9945	0.9740	0.9961
74.0	0.9960	0.9960	0.9831	0.9949	0.9957	0.9761	0.9965
74.1	0.9959	0.9955	0.9815	0.9945	0.9954	0.9724	0.9966
74.2	0.9956	0.9949	0.9797	0.9942	0.9946	0.9702	0.9960
74.3	0.9963	0.9954	0.9830	0.9938	0.9949	0.9719	0.9964
74.4	0.9954	0.9943	0.9838	0.9918	0.9937	0.9730	0.9963
74.5	0.9957	0.9952	0.9791	0.9938	0.9950	0.9634	0.9963
74.6	0.9950	0.9944	0.9745	0.9917	0.9934	0.9549	0.9955
74.7	0.9948	0.9942	0.9811	0.9923	0.9935	0.9724	0.9957
74.8	0.9940	0.9934	0.9758	0.9910	0.9924	0.9614	0.9961
74.9	0.9936	0.9926	0.9678	0.9894	0.9918	0.9519	0.9946
75.0	0.9918	0.9908	0.9703	0.9883	0.9895	0.9569	0.9944
75.1	0.9923	0.9915	0.9623	0.9889	0.9898	0.9415	0.9949
75.2	0.9910	0.9904	0.9576	0.9879	0.9884	0.9328	0.9956
75.3	0.9925	0.9915	0.9574	0.9892	0.9898	0.9358	0.9938
75.4	0.9949	0.9936	0.9724	0.9910	0.9927	0.9597	0.9961
75.5	0.9951	0.9946	0.9749	0.9928	0.9938	0.9642	0.9967
75.6	0.9938	0.9931	0.9665	0.9900	0.9921	0.9515	0.9954
75.7	0.9937	0.9928	0.9609	0.9898	0.9920	0.9379	0.9960
75.8	0.9942	0.9928	0.9609	0.9894	0.9919	0.9416	0.9958
75.9	0.9878	0.9861	0.9321	0.9809	0.9831	0.8970	0.9917
76.0	0.9891	0.9876	0.9496	0.9857	0.9856	0.9217	0.9937
76.1	0.9941	0.9930	0.9617	0.9904	0.9920	0.9420	0.9959
76.2	0.9944	0.9936	0.9625	0.9899	0.9917	0.9427	0.9959
76.3	0.9937	0.9933	0.9525	0.9899	0.9913	0.9266	0.9955
76.4	0.9921	0.9914	0.9598	0.9890	0.9911	0.9332	0.9955
76.5	0.9928	0.9906	0.9487	0.9876	0.9901	0.9122	0.9947
76.6	0.9919	0.9905	0.9377	0.9875	0.9885	0.8993	0.9949
76.7	0.9939	0.9920	0.9452	0.9884	0.9913	0.9127	0.9958

76.8	0.9926	0.9907	0.9283	0.9869	0.9902	0.8835	0.9950
76.9	0.9909	0.9911	0.9135	0.9885	0.9883	0.8673	0.9952
77.0	0.9878	0.9873	0.9103	0.9850	0.9846	0.8611	0.9932
77.1	0.9853	0.9872	0.8968	0.9844	0.9846	0.8487	0.9926
77.2	0.9866	0.9886	0.9163	0.9848	0.9867	0.8708	0.9917
77.3	0.9855	0.9853	0.8922	0.9837	0.9853	0.8212	0.9895
77.4	0.9878	0.9880	0.8898	0.9848	0.9874	0.8035	0.9904
77.5	0.9898	0.9864	0.8887	0.9814	0.9868	0.8244	0.9899
77.6	0.9903	0.9884	0.8776	0.9846	0.9881	0.8269	0.9919
77.7	0.9902	0.9885	0.8695	0.9821	0.9876	0.8246	0.9912
77.8	0.9916	0.9895	0.8143	0.9835	0.9890	0.8231	0.9920
77.9	0.9922	0.9916	0.8283	0.9880	0.9907	0.8476	0.9937
78.0	0.9881	0.9884	0.7521	0.9857	0.9877	0.7819	0.9916
78.1	0.9894	0.9881	0.7591	0.9855	0.9878	0.7850	0.9916
78.2	0.9874	0.9865	0.7526	0.9857	0.9868	0.7861	0.9902
78.3	0.9912	0.9914	0.8196	0.9898	0.9913	0.8524	0.9929
78.4	0.9912	0.9895	0.8202	0.9869	0.9906	0.8524	0.9908
78.5	0.9891	0.9851	0.8420	0.9823	0.9862	0.8777	0.9897
78.6	0.9884	0.9862	0.8736	0.9848	0.9874	0.9131	0.9906
78.7	0.9907	0.9902	0.8843	0.9883	0.9910	0.9056	0.9921
78.8	0.9914	0.9895	0.8944	0.9892	0.9909	0.8979	0.9923
78.9	0.9893	0.9881	0.8749	0.9857	0.9885	0.8938	0.9908
79.0	0.9832	0.9802	0.8235	0.9757	0.9792	0.7331	0.9853
79.1	0.9804	0.9806	0.8168	0.9800	0.9803	0.4355	0.9869
79.2	0.9854	0.9854	0.8787	0.9857	0.9871	0.7169	0.9905
79.3	0.9835	0.9840	0.8690	0.9858	0.9861	0.8454	0.9894
79.4	0.9847	0.9817	0.8155	0.9809	0.9839	0.8941	0.9889
79.5	0.9857	0.9810	0.7421	0.9781	0.9841	0.8835	0.9836
79.6	0.9842	0.9801	0.6776	0.9820	0.9834	0.9105	0.9834
79.7	0.9863	0.9823	0.5730	0.9825	0.9835	0.9375	0.9858
79.8	0.9878	0.9844	0.4071	0.9855	0.9857	0.9422	0.9904
79.9	0.9809	0.9750	0.3243	0.9793	0.9780	0.9520	0.9871
80.0	0.9794	0.9710	0.1886	0.9728	0.9752	0.9563	0.9835

2.2.79 Run 7 – VT270-200 – Accels 1–8

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.5171	0.5446	0.4503	0.5330	0.0833	0.4431	0.3597	0.1238
0.1	0.0208	0.0656	0.0963	0.0616	0.0143	0.0750	0.0848	0.0376
0.2	0.0194	0.0448	0.0338	0.0458	0.0064	0.0085	0.0006	0.0351
0.3	0.0315	0.0023	0.0319	0.0776	0.0198	0.0128	0.0308	0.0023
0.4	0.0058	0.0003	0.0133	0.1213	0.0051	0.0110	0.0061	0.0049
0.5	0.0208	0.0268	0.0474	0.0458	0.0180	0.0320	0.0338	0.0003
0.6	0.0184	0.0031	0.0016	0.0330	0.0050	0.0094	0.0396	0.0048
0.7	0.0135	0.0596	0.1101	0.0451	0.0078	0.0360	0.0303	0.0101
0.8	0.0317	0.3005	0.2496	0.0416	0.0244	0.0064	0.0169	0.0096
0.9	0.0137	0.3460	0.4022	0.0328	0.0239	0.0044	0.0540	0.0086
1.0	0.0034	0.2948	0.3874	0.1055	0.0225	0.0156	0.1479	0.0292
1.1	0.0041	0.3938	0.4459	0.1377	0.0287	0.0511	0.1932	0.0488
1.2	0.0119	0.6301	0.6456	0.1896	0.0418	0.0149	0.3451	0.1565
1.3	0.0726	0.7801	0.7891	0.1903	0.0555	0.0118	0.5515	0.1379
1.4	0.0514	0.8139	0.8037	0.1513	0.2306	0.0137	0.5593	0.0698
1.5	0.0052	0.8592	0.8310	0.2591	0.2828	0.0385	0.5919	0.1206
1.6	0.0208	0.8978	0.8871	0.1613	0.3826	0.0669	0.6787	0.1781
1.7	0.0039	0.8843	0.8863	0.2628	0.5198	0.1573	0.7579	0.3191
1.8	0.0016	0.8568	0.8784	0.3225	0.4795	0.2912	0.7687	0.5287
1.9	0.0161	0.9248	0.9224	0.4570	0.6800	0.6233	0.8360	0.7868
2.0	0.0250	0.9616	0.9402	0.6159	0.8518	0.7282	0.9016	0.8827
2.1	0.0185	0.9396	0.7609	0.6564	0.8722	0.5557	0.9414	0.8947
2.2	0.0189	0.8713	0.2192	0.6685	0.8374	0.4880	0.9574	0.7890
2.3	0.0080	0.7390	0.2657	0.7569	0.4652	0.4827	0.9230	0.4410
2.4	0.0345	0.4624	0.3794	0.7856	0.3314	0.6001	0.8404	0.3270
2.5	0.0211	0.1765	0.6294	0.7464	0.3231	0.6219	0.8173	0.3238
2.6	0.0060	0.4848	0.9658	0.7243	0.7954	0.6025	0.9277	0.7867
2.7	0.0187	0.9060	0.9842	0.6947	0.9168	0.4592	0.9346	0.9369
2.8	0.0409	0.9404	0.9832	0.6901	0.8913	0.4359	0.9349	0.9159
2.9	0.0030	0.9616	0.9845	0.7311	0.8999	0.2696	0.9582	0.9363
3.0	0.0156	0.9631	0.9842	0.7012	0.8567	0.2661	0.9641	0.9097
3.1	0.0131	0.9726	0.9845	0.7670	0.8373	0.3045	0.9585	0.8527
3.2	0.0114	0.9643	0.9840	0.7643	0.8184	0.3794	0.9592	0.8484
3.3	0.0196	0.9633	0.9832	0.7319	0.8038	0.1667	0.9625	0.8497
3.4	0.0520	0.9644	0.9768	0.7143	0.8218	0.1108	0.9695	0.8343
3.5	0.0424	0.9614	0.9726	0.6284	0.6782	0.0812	0.9487	0.7027
3.6	0.0273	0.9093	0.9480	0.2972	0.4125	0.0032	0.8569	0.4886
3.7	0.0643	0.9619	0.9701	0.6071	0.5498	0.2354	0.9518	0.7654
3.8	0.0341	0.9956	0.9958	0.9483	0.9174	0.6555	0.9933	0.9551
3.9	0.3251	0.9988	0.9990	0.9899	0.9779	0.8363	0.9976	0.9902
4.0	0.3462	0.9988	0.9995	0.9932	0.9838	0.9020	0.9981	0.9934
4.1	0.1143	0.9983	0.9990	0.9909	0.9709	0.8697	0.9980	0.9908
4.2	0.1128	0.9978	0.9989	0.9871	0.9527	0.7936	0.9971	0.9867
4.3	0.1717	0.9977	0.9985	0.9810	0.9274	0.7187	0.9965	0.9773
4.4	0.1238	0.9963	0.9982	0.9702	0.8727	0.6441	0.9955	0.9656
4.5	0.2173	0.9961	0.9981	0.9696	0.7807	0.6148	0.9959	0.9616
4.6	0.1341	0.9950	0.9975	0.9672	0.6442	0.6281	0.9926	0.9490
4.7	0.0801	0.9938	0.9942	0.9539	0.3321	0.5830	0.9876	0.8315
4.8	0.1634	0.9931	0.9968	0.9669	0.7149	0.8508	0.9945	0.9323
4.9	0.2877	0.9897	0.9963	0.9471	0.7266	0.8430	0.9902	0.9401
5.0	0.3465	0.9926	0.9951	0.9602	0.4061	0.7095	0.9901	0.9140
5.1	0.2634	0.9978	0.9962	0.9866	0.6201	0.7841	0.9950	0.9364
5.2	0.0579	0.9961	0.9960	0.9783	0.7427	0.6718	0.9953	0.9448
5.3	0.0005	0.9904	0.9942	0.9654	0.5311	0.3891	0.9943	0.9116
5.4	0.0297	0.9856	0.9843	0.9339	0.2744	0.0595	0.9826	0.6630
5.5	0.0727	0.9953	0.9921	0.9736	0.3940	0.2297	0.9927	0.8643
5.6	0.1869	0.9982	0.9983	0.9887	0.6808	0.6522	0.9969	0.9583
5.7	0.4403	0.9990	0.9991	0.9940	0.8624	0.8525	0.9968	0.9810
5.8	0.7848	0.9992	0.9987	0.9956	0.9118	0.9457	0.9977	0.9900
5.9	0.9264	0.9994	0.9993	0.9971	0.9572	0.9717	0.9981	0.9942
6.0	0.7804	0.9987	0.9996	0.9969	0.9639	0.9581	0.9969	0.9958
6.1	0.5739	0.9971	0.9992	0.9937	0.9425	0.9508	0.9934	0.9925
6.2	0.5882	0.9982	0.9996	0.9953	0.9544	0.9589	0.9950	0.9922
6.3	0.7677	0.9978	0.9995	0.9938	0.9518	0.9710	0.9936	0.9912
6.4	0.9533	0.9972	0.9991	0.9933	0.9513	0.9729	0.9923	0.9904
6.5	0.9734	0.9974	0.9989	0.9948	0.9632	0.9781	0.9936	0.9906
6.6	0.9158	0.9963	0.9960	0.9918	0.9337	0.9665	0.9911	0.9875
6.7	0.8411	0.9945	0.9890	0.9867	0.9382	0.9653	0.9847	0.9794
6.8	0.8875	0.9925	0.9712	0.9835	0.9478	0.9702	0.9819	0.9781
6.9	0.9322	0.9863	0.9250	0.9734	0.9422	0.9714	0.9707	0.9668
7.0	0.9134	0.9570	0.8399	0.9296	0.8940	0.9329	0.9244	0.9177
7.1	0.9119	0.9460	0.9076	0.9254	0.8998	0.8643	0.9219	0.9187
7.2	0.9068	0.9356	0.9526	0.9276	0.8873	0.6726	0.9274	0.9274
7.3	0.9320	0.9620	0.9835	0.9674	0.9517	0.7957	0.9680	0.9687
7.4	0.8908	0.8856	0.9760	0.9345	0.9359	0.8158	0.9373	0.9404
7.5	0.9166	0.8309	0.9890	0.9474	0.9382	0.7798	0.9522	0.9593
7.6	0.8531	0.7138	0.9962	0.9554	0.9440	0.7615	0.9643	0.9730
7.7	0.8568	0.9233	0.9996	0.9892	0.9421	0.9477	0.9920	0.9939
7.8	0.7785	0.9711	0.9996	0.9925	0.9386	0.9585	0.9958	0.9972
7.9	0.7095	0.9640	0.9988	0.9953	0.9450	0.8744	0.9967	0.9949

8.0	0.7163	0.9444	0.9992	0.9886	0.9497	0.8030	0.9933	0.9944
8.1	0.7558	0.9790	0.9991	0.9900	0.9386	0.9385	0.9965	0.9963
8.2	0.7319	0.9802	0.9996	0.9939	0.9487	0.9673	0.9971	0.9970
8.3	0.5503	0.9839	0.9997	0.9915	0.9489	0.9572	0.9971	0.9978
8.4	0.1965	0.9855	0.9995	0.9866	0.9139	0.9589	0.9971	0.9975
8.5	0.1761	0.9901	0.9993	0.9755	0.9047	0.9526	0.9962	0.9971
8.6	0.6916	0.9935	0.9993	0.9826	0.9288	0.9551	0.9982	0.9977
8.7	0.2572	0.9906	0.9991	0.9675	0.9275	0.9557	0.9976	0.9963
8.8	0.1762	0.9784	0.9984	0.9470	0.9213	0.9657	0.9973	0.9926
8.9	0.1753	0.9751	0.9980	0.9528	0.9345	0.9518	0.9965	0.9912
9.0	0.4070	0.9711	0.9978	0.9728	0.9046	0.9587	0.9969	0.9862
9.1	0.6545	0.9663	0.9949	0.9427	0.8578	0.9571	0.9856	0.9776
9.2	0.7889	0.9173	0.9880	0.9121	0.9355	0.9470	0.9868	0.9480
9.3	0.9037	0.9286	0.9815	0.9277	0.8797	0.9513	0.9889	0.9254
9.4	0.8529	0.9603	0.9795	0.9518	0.8767	0.9663	0.9923	0.9326
9.5	0.8040	0.9852	0.9850	0.9765	0.8966	0.9869	0.9963	0.9597
9.6	0.7711	0.9909	0.9831	0.9786	0.8139	0.9812	0.9964	0.9561
9.7	0.7214	0.9960	0.9904	0.9875	0.7204	0.9812	0.9979	0.9653
9.8	0.5519	0.9984	0.9949	0.9902	0.6653	0.9817	0.9983	0.9753
9.9	0.4966	0.9994	0.9971	0.9927	0.5414	0.9818	0.9986	0.9841
10.0	0.6930	0.9996	0.9976	0.9931	0.4103	0.9793	0.9986	0.9836
10.1	0.7074	0.9996	0.9982	0.9940	0.2081	0.9758	0.9988	0.9856
10.2	0.4023	0.9995	0.9981	0.9925	0.1154	0.9803	0.9987	0.9896
10.3	0.3138	0.9995	0.9987	0.9924	0.1195	0.9827	0.9990	0.9918
10.4	0.4898	0.9995	0.9993	0.9938	0.2685	0.9861	0.9992	0.9930
10.5	0.7497	0.9994	0.9991	0.9943	0.4562	0.9886	0.9994	0.9948
10.6	0.3201	0.9992	0.9990	0.9935	0.4271	0.9886	0.9993	0.9926
10.7	0.0375	0.9993	0.9991	0.9880	0.4248	0.9857	0.9989	0.9889
10.8	0.0530	0.9992	0.9986	0.9897	0.5140	0.9889	0.9990	0.9920
10.9	0.0289	0.9992	0.9989	0.9896	0.7176	0.9915	0.9992	0.9913
11.0	0.0762	0.9992	0.9989	0.9884	0.8050	0.9942	0.9994	0.9919
11.1	0.1176	0.9986	0.9982	0.9878	0.7662	0.9949	0.9993	0.9907
11.2	0.2255	0.9992	0.9990	0.9855	0.7742	0.9953	0.9995	0.9903
11.3	0.0260	0.9984	0.9981	0.9771	0.7723	0.9939	0.9994	0.9863
11.4	0.0102	0.9981	0.9982	0.9669	0.8108	0.9957	0.9990	0.9900
11.5	0.0413	0.9987	0.9986	0.9676	0.8224	0.9970	0.9994	0.9923
11.6	0.1558	0.9981	0.9979	0.9718	0.8244	0.9955	0.9990	0.9884
11.7	0.2243	0.9976	0.9976	0.9612	0.8482	0.9958	0.9991	0.9866
11.8	0.0263	0.9973	0.9972	0.9266	0.8506	0.9955	0.9983	0.9824
11.9	0.0049	0.9964	0.9966	0.9034	0.8759	0.9961	0.9981	0.9810
12.0	0.0008	0.9964	0.9969	0.9268	0.9220	0.9976	0.9989	0.9808
12.1	0.0095	0.9975	0.9977	0.9474	0.9435	0.9979	0.9991	0.9834
12.2	0.0241	0.9967	0.9972	0.9292	0.9529	0.9968	0.9991	0.9850
12.3	0.2120	0.9958	0.9966	0.9177	0.9454	0.9955	0.9987	0.9777
12.4	0.0680	0.9947	0.9956	0.9041	0.9362	0.9928	0.9977	0.9684
12.5	0.0444	0.9930	0.9942	0.9005	0.9477	0.9869	0.9974	0.9599
12.6	0.0216	0.9944	0.9957	0.9279	0.9406	0.9853	0.9954	0.9603
12.7	0.0990	0.9930	0.9946	0.9168	0.9527	0.9820	0.9944	0.9628
12.8	0.0387	0.9931	0.9943	0.8752	0.9356	0.9835	0.9952	0.9630
12.9	0.0837	0.9918	0.9933	0.8874	0.8980	0.9842	0.9949	0.9708
13.0	0.1532	0.9896	0.9915	0.8984	0.9098	0.9858	0.9948	0.9796
13.1	0.1477	0.9824	0.9860	0.8707	0.8885	0.9823	0.9935	0.9818
13.2	0.1678	0.9854	0.9892	0.8655	0.8818	0.9870	0.9916	0.9912
13.3	0.2350	0.9654	0.9728	0.7946	0.8482	0.9684	0.9796	0.9857
13.4	0.5176	0.9612	0.9684	0.7874	0.8865	0.9628	0.9543	0.9859
13.5	0.5885	0.9360	0.9476	0.6222	0.8343	0.9372	0.8881	0.9761
13.6	0.7501	0.9336	0.9425	0.7135	0.8808	0.9287	0.8455	0.9734
13.7	0.9157	0.9438	0.9514	0.8093	0.9102	0.9356	0.8072	0.9875
13.8	0.9337	0.9681	0.9699	0.8951	0.9570	0.9588	0.8742	0.9943
13.9	0.9102	0.9748	0.9787	0.9345	0.9617	0.9669	0.9229	0.9954
14.0	0.8672	0.9831	0.9894	0.9537	0.9623	0.9791	0.9444	0.9924
14.1	0.7186	0.9747	0.9934	0.9488	0.9268	0.9786	0.9483	0.9826
14.2	0.7659	0.9657	0.9956	0.9546	0.9168	0.9830	0.9725	0.9762
14.3	0.9412	0.9612	0.9948	0.9695	0.9273	0.9905	0.9863	0.9743
14.4	0.9498	0.9453	0.9904	0.9645	0.9163	0.9925	0.9910	0.9648
14.5	0.9123	0.9475	0.9914	0.9733	0.9436	0.9915	0.9881	0.9733
14.6	0.8951	0.9283	0.9876	0.9710	0.9051	0.9877	0.9707	0.9662
14.7	0.9396	0.9682	0.9920	0.9785	0.9147	0.9919	0.9694	0.9756
14.8	0.9555	0.9849	0.9957	0.9747	0.9365	0.9960	0.9716	0.9830
14.9	0.9081	0.9900	0.9963	0.9587	0.9174	0.9947	0.9653	0.9702
15.0	0.7619	0.9904	0.9953	0.9436	0.8906	0.9926	0.9630	0.9398
15.1	0.6514	0.9951	0.9966	0.9621	0.8991	0.9934	0.9816	0.9479
15.2	0.7640	0.9970	0.9981	0.9752	0.9138	0.9926	0.9924	0.9684
15.3	0.8302	0.9955	0.9974	0.9514	0.8314	0.9835	0.9906	0.9470
15.4	0.8638	0.9964	0.9980	0.9440	0.6907	0.9797	0.9914	0.9290
15.5	0.8961	0.9977	0.9984	0.9347	0.4617	0.9785	0.9952	0.9305
15.6	0.8707	0.9968	0.9978	0.8570	0.3065	0.9533	0.9927	0.8692
15.7	0.8984	0.9975	0.9985	0.8562	0.4858	0.9572	0.9954	0.8827
15.8	0.9303	0.9978	0.9987	0.7503	0.7498	0.9235	0.9945	0.7875
15.9	0.9533	0.9983	0.9986	0.6027	0.8065	0.9172	0.9939	0.6937
16.0	0.9502	0.9986	0.9991	0.7365	0.9036	0.9499	0.9943	0.7241
16.1	0.9001	0.9986	0.9990	0.8264	0.9225	0.9615	0.9948	0.7823
16.2	0.8909	0.9981	0.9989	0.8412	0.8834	0.9640	0.9932	0.7711
16.3	0.9009	0.9979	0.9991	0.8601	0.9077	0.9745	0.9917	0.8109
16.4	0.8875	0.9976	0.9986	0.8777	0.9253	0.9780	0.9837	0.8128
16.5	0.8714	0.9988	0.9992	0.9235	0.9591	0.9869	0.9813	0.8581

16.6	0.9001	0.9990	0.9993	0.9590	0.9683	0.9901	0.9741	0.9186
16.7	0.9268	0.9986	0.9991	0.9540	0.9542	0.9897	0.9540	0.9240
16.8	0.9694	0.9987	0.9990	0.9721	0.9655	0.9865	0.9789	0.9205
16.9	0.9541	0.9980	0.9989	0.9762	0.9608	0.9807	0.9844	0.8842
17.0	0.8430	0.9987	0.9991	0.9800	0.9326	0.9873	0.9801	0.9276
17.1	0.7128	0.9982	0.9989	0.9761	0.9329	0.9812	0.9658	0.9258
17.2	0.7469	0.9977	0.9985	0.9841	0.9637	0.9798	0.9840	0.9446
17.3	0.8820	0.9988	0.9993	0.9886	0.9824	0.9924	0.9927	0.9708
17.4	0.9639	0.9987	0.9991	0.9793	0.9664	0.9916	0.9899	0.9328
17.5	0.9514	0.9988	0.9991	0.9800	0.9573	0.9932	0.9889	0.9292
17.6	0.8920	0.9986	0.9992	0.9864	0.9743	0.9914	0.9910	0.9644
17.7	0.9019	0.9988	0.9993	0.9863	0.9740	0.9935	0.9881	0.9621
17.8	0.8880	0.9984	0.9991	0.9848	0.9672	0.9952	0.9851	0.9521
17.9	0.8767	0.9985	0.9993	0.9859	0.9770	0.9963	0.9886	0.9674
18.0	0.7622	0.9988	0.9992	0.9881	0.9814	0.9969	0.9914	0.9667
18.1	0.7222	0.9992	0.9993	0.9861	0.9827	0.9972	0.9923	0.9714
18.2	0.6945	0.9987	0.9992	0.9793	0.9616	0.9950	0.9856	0.9605
18.3	0.8331	0.9988	0.9994	0.9857	0.9589	0.9971	0.9858	0.9629
18.4	0.9394	0.9988	0.9993	0.9812	0.9465	0.9968	0.9646	0.9531
18.5	0.9572	0.9974	0.9991	0.9313	0.8156	0.9923	0.7456	0.8842
18.6	0.9289	0.9968	0.9992	0.9383	0.8698	0.9926	0.8492	0.9081
18.7	0.8771	0.9984	0.9994	0.9688	0.9583	0.9952	0.9510	0.9541
18.8	0.8456	0.9991	0.9993	0.9922	0.9854	0.9967	0.9906	0.9848
18.9	0.8326	0.9993	0.9994	0.9936	0.9873	0.9969	0.9950	0.9861
19.0	0.8911	0.9988	0.9990	0.9927	0.9829	0.9944	0.9936	0.9813
19.1	0.9350	0.9989	0.9991	0.9941	0.9840	0.9937	0.9960	0.9812
19.2	0.9361	0.9987	0.9992	0.9953	0.9861	0.9937	0.9971	0.9788
19.3	0.9336	0.9991	0.9994	0.9956	0.9892	0.9939	0.9975	0.9792
19.4	0.9307	0.9992	0.9993	0.9950	0.9890	0.9936	0.9974	0.9726
19.5	0.8896	0.9986	0.9991	0.9948	0.9854	0.9906	0.9963	0.9600
19.6	0.8647	0.9987	0.9990	0.9942	0.9896	0.9903	0.9971	0.9629
19.7	0.9313	0.9987	0.9990	0.9944	0.9865	0.9905	0.9980	0.9618
19.8	0.9142	0.9986	0.9992	0.9948	0.9868	0.9909	0.9981	0.9662
19.9	0.8488	0.9987	0.9991	0.9935	0.9894	0.9894	0.9982	0.9604
20.0	0.8317	0.9990	0.9990	0.9938	0.9918	0.9894	0.9985	0.9727
20.1	0.8641	0.9990	0.9992	0.9946	0.9933	0.9929	0.9986	0.9761
20.2	0.8928	0.9990	0.9992	0.9963	0.9936	0.9928	0.9984	0.9829
20.3	0.9257	0.9990	0.9993	0.9950	0.9919	0.9923	0.9983	0.9799
20.4	0.9791	0.9984	0.9990	0.9939	0.9880	0.9906	0.9981	0.9794
20.5	0.9564	0.9983	0.9987	0.9941	0.9869	0.9905	0.9984	0.9785
20.6	0.9037	0.9985	0.9989	0.9909	0.9879	0.9872	0.9975	0.9739
20.7	0.9021	0.9981	0.9990	0.9887	0.9902	0.9902	0.9968	0.9824
20.8	0.9662	0.9982	0.9989	0.9911	0.9897	0.9891	0.9963	0.9826
20.9	0.9847	0.9984	0.9989	0.9913	0.9887	0.9875	0.9964	0.9832
21.0	0.9733	0.9985	0.9988	0.9912	0.9869	0.9874	0.9970	0.9807
21.1	0.9086	0.9980	0.9986	0.9879	0.9832	0.9810	0.9949	0.9797
21.2	0.9124	0.9980	0.9986	0.9918	0.9878	0.9819	0.9958	0.9836
21.3	0.9130	0.9976	0.9987	0.9907	0.9881	0.9802	0.9940	0.9797
21.4	0.9327	0.9981	0.9988	0.9899	0.9851	0.9745	0.9927	0.9783
21.5	0.9444	0.9978	0.9988	0.9911	0.9878	0.9710	0.9946	0.9808
21.6	0.9389	0.9982	0.9990	0.9903	0.9882	0.9740	0.9940	0.9806
21.7	0.8502	0.9976	0.9985	0.9850	0.9829	0.9655	0.9889	0.9751
21.8	0.7947	0.9976	0.9984	0.9759	0.9685	0.9642	0.9827	0.9766
21.9	0.8341	0.9982	0.9988	0.9700	0.9625	0.9631	0.9813	0.9800
22.0	0.9168	0.9981	0.9985	0.9782	0.9714	0.9757	0.9863	0.9842
22.1	0.9750	0.9977	0.9985	0.9847	0.9731	0.9795	0.9914	0.9839
22.2	0.9694	0.9975	0.9984	0.9843	0.9814	0.9728	0.9936	0.9827
22.3	0.9288	0.9972	0.9983	0.9824	0.9779	0.9761	0.9951	0.9854
22.4	0.8972	0.9965	0.9982	0.9840	0.9767	0.9684	0.9967	0.9852
22.5	0.9658	0.9976	0.9986	0.9838	0.9827	0.9829	0.9959	0.9903
22.6	0.9677	0.9979	0.9984	0.9857	0.9850	0.9790	0.9971	0.9903
22.7	0.8815	0.9976	0.9984	0.9815	0.9823	0.9785	0.9969	0.9917
22.8	0.7370	0.9971	0.9985	0.9646	0.9810	0.9771	0.9956	0.9883
22.9	0.7467	0.9979	0.9983	0.9731	0.9842	0.9818	0.9973	0.9903
23.0	0.7207	0.9974	0.9986	0.9744	0.9868	0.9789	0.9959	0.9912
23.1	0.8653	0.9972	0.9986	0.9665	0.9880	0.9841	0.9948	0.9914
23.2	0.9859	0.9968	0.9981	0.9543	0.9850	0.9805	0.9929	0.9898
23.3	0.9566	0.9967	0.9979	0.9573	0.9865	0.9864	0.9921	0.9873
23.4	0.9383	0.9968	0.9984	0.9665	0.9897	0.9850	0.9919	0.9905
23.5	0.9774	0.9972	0.9988	0.9810	0.9921	0.9908	0.9931	0.9935
23.6	0.9893	0.9971	0.9989	0.9804	0.9924	0.9943	0.9935	0.9949
23.7	0.9853	0.9970	0.9985	0.9780	0.9902	0.9934	0.9935	0.9930
23.8	0.9602	0.9953	0.9983	0.9816	0.9878	0.9928	0.9902	0.9928
23.9	0.9413	0.9955	0.9987	0.9839	0.9916	0.9943	0.9920	0.9937
24.0	0.9230	0.9961	0.9985	0.9845	0.9904	0.9959	0.9914	0.9957
24.1	0.9453	0.9965	0.9986	0.9880	0.9880	0.9958	0.9938	0.9956
24.2	0.9821	0.9961	0.9983	0.9842	0.9871	0.9952	0.9936	0.9954
24.3	0.9914	0.9959	0.9972	0.9840	0.9907	0.9952	0.9922	0.9952
24.4	0.9609	0.9939	0.9970	0.9838	0.9901	0.9956	0.9891	0.9930
24.5	0.9610	0.9940	0.9978	0.9871	0.9876	0.9948	0.9882	0.9934
24.6	0.9603	0.9950	0.9984	0.9893	0.9916	0.9963	0.9865	0.9951
24.7	0.9543	0.9947	0.9982	0.9869	0.9887	0.9961	0.9836	0.9945
24.8	0.9606	0.9951	0.9981	0.9929	0.9909	0.9967	0.9899	0.9959
24.9	0.9463	0.9913	0.9976	0.9903	0.9906	0.9971	0.9915	0.9944
25.0	0.9487	0.9882	0.9965	0.9859	0.9885	0.9961	0.9889	0.9937
25.1	0.9867	0.9880	0.9974	0.9896	0.9901	0.9969	0.9948	0.9962

25.2	0.9905	0.9880	0.9981	0.9932	0.9948	0.9968	0.9964	0.9970
25.3	0.9772	0.9860	0.9972	0.9930	0.9939	0.9972	0.9954	0.9971
25.4	0.9479	0.9805	0.9957	0.9911	0.9879	0.9964	0.9948	0.9966
25.5	0.9679	0.9852	0.9965	0.9938	0.9939	0.9975	0.9972	0.9973
25.6	0.9806	0.9849	0.9959	0.9931	0.9907	0.9969	0.9954	0.9955
25.7	0.9836	0.9734	0.9949	0.9914	0.9913	0.9955	0.9956	0.9945
25.8	0.9622	0.9682	0.9938	0.9904	0.9939	0.9948	0.9955	0.9955
25.9	0.9482	0.9800	0.9953	0.9911	0.9935	0.9960	0.9966	0.9965
26.0	0.9483	0.9829	0.9955	0.9924	0.9930	0.9956	0.9964	0.9971
26.1	0.9412	0.9789	0.9956	0.9905	0.9936	0.9951	0.9952	0.9969
26.2	0.9577	0.9697	0.9938	0.9890	0.9911	0.9939	0.9928	0.9949
26.3	0.9521	0.9545	0.9937	0.9890	0.9947	0.9949	0.9946	0.9971
26.4	0.9636	0.9369	0.9934	0.9879	0.9950	0.9940	0.9940	0.9975
26.5	0.9360	0.9247	0.9904	0.9810	0.9920	0.9909	0.9918	0.9967
26.6	0.9307	0.9386	0.9902	0.9798	0.9909	0.9918	0.9899	0.9968
26.7	0.9385	0.9408	0.9921	0.9795	0.9940	0.9917	0.9933	0.9971
26.8	0.9733	0.9050	0.9888	0.9809	0.9954	0.9900	0.9933	0.9972
26.9	0.9789	0.9070	0.9902	0.9766	0.9939	0.9886	0.9929	0.9980
27.0	0.9449	0.8862	0.9907	0.9732	0.9927	0.9888	0.9925	0.9969
27.1	0.9522	0.8531	0.9906	0.9781	0.9935	0.9907	0.9934	0.9977
27.2	0.9712	0.7898	0.9897	0.9783	0.9937	0.9914	0.9943	0.9979
27.3	0.9922	0.7362	0.9834	0.9728	0.9911	0.9882	0.9909	0.9974
27.4	0.9894	0.7149	0.9793	0.9700	0.9903	0.9863	0.9914	0.9973
27.5	0.9692	0.6267	0.9781	0.9642	0.9880	0.9870	0.9902	0.9962
27.6	0.9717	0.5309	0.9724	0.9647	0.9884	0.9900	0.9905	0.9971
27.7	0.9799	0.4953	0.9775	0.9746	0.9923	0.9923	0.9949	0.9981
27.8	0.9866	0.5232	0.9820	0.9793	0.9927	0.9927	0.9947	0.9978
27.9	0.9798	0.4639	0.9774	0.9812	0.9922	0.9912	0.9909	0.9964
28.0	0.9586	0.2717	0.9724	0.9818	0.9904	0.9917	0.9909	0.9962
28.1	0.9542	0.3313	0.9770	0.9813	0.9911	0.9923	0.9898	0.9969
28.2	0.9708	0.1474	0.9694	0.9784	0.9898	0.9932	0.9908	0.9962
28.3	0.9769	0.1963	0.9536	0.9683	0.9903	0.9919	0.9931	0.9948
28.4	0.9883	0.3922	0.9582	0.9714	0.9948	0.9907	0.9947	0.9967
28.5	0.9872	0.5591	0.9719	0.9806	0.9958	0.9949	0.9956	0.9977
28.6	0.9887	0.6380	0.9733	0.9793	0.9954	0.9958	0.9946	0.9975
28.7	0.9846	0.6478	0.9592	0.9774	0.9939	0.9937	0.9929	0.9959
28.8	0.9875	0.7310	0.9630	0.9823	0.9937	0.9940	0.9939	0.9957
28.9	0.9883	0.7694	0.9669	0.9857	0.9938	0.9938	0.9943	0.9942
29.0	0.9915	0.8252	0.9606	0.9879	0.9937	0.9931	0.9945	0.9933
29.1	0.9890	0.9032	0.9608	0.9888	0.9935	0.9949	0.9952	0.9937
29.2	0.9878	0.8967	0.9540	0.9893	0.9932	0.9945	0.9943	0.9920
29.3	0.9947	0.9041	0.9454	0.9901	0.9937	0.9948	0.9949	0.9929
29.4	0.9955	0.9168	0.9473	0.9918	0.9931	0.9958	0.9941	0.9913
29.5	0.9952	0.9375	0.9614	0.9925	0.9925	0.9955	0.9947	0.9915
29.6	0.9947	0.9546	0.9560	0.9922	0.9896	0.9959	0.9935	0.9891
29.7	0.9934	0.9541	0.9309	0.9919	0.9886	0.9931	0.9918	0.9866
29.8	0.9910	0.9687	0.9467	0.9936	0.9892	0.9948	0.9929	0.9885
29.9	0.9936	0.9690	0.9504	0.9896	0.9871	0.9930	0.9851	0.9874
30.0	0.9902	0.9583	0.9420	0.9885	0.9876	0.9928	0.9856	0.9853
30.1	0.9906	0.9650	0.9414	0.9938	0.9868	0.9914	0.9917	0.9860
30.2	0.9969	0.9747	0.9303	0.9944	0.9859	0.9918	0.9923	0.9874
30.3	0.9967	0.9762	0.9165	0.9957	0.9844	0.9907	0.9933	0.9891
30.4	0.9956	0.9786	0.8844	0.9962	0.9879	0.9912	0.9951	0.9920
30.5	0.9950	0.9795	0.8847	0.9975	0.9899	0.9921	0.9950	0.9915
30.6	0.9948	0.9782	0.8779	0.9975	0.9914	0.9918	0.9954	0.9913
30.7	0.9929	0.9837	0.8839	0.9965	0.9911	0.9862	0.9960	0.9928
30.8	0.9927	0.9785	0.8178	0.9958	0.9888	0.9792	0.9937	0.9891
30.9	0.9944	0.9787	0.8123	0.9960	0.9900	0.9830	0.9943	0.9892
31.0	0.9899	0.9837	0.8270	0.9954	0.9870	0.9744	0.9940	0.9882
31.1	0.9824	0.9889	0.8195	0.9951	0.9909	0.9642	0.9957	0.9901
31.2	0.9804	0.9897	0.8355	0.9963	0.9931	0.9749	0.9968	0.9927
31.3	0.9863	0.9887	0.8557	0.9965	0.9919	0.9716	0.9958	0.9914
31.4	0.9939	0.9889	0.8455	0.9952	0.9881	0.9673	0.9951	0.9901
31.5	0.9708	0.9889	0.8583	0.9918	0.9832	0.9512	0.9928	0.9860
31.6	0.9478	0.9859	0.8685	0.9928	0.9885	0.9503	0.9955	0.9888
31.7	0.9645	0.9894	0.9186	0.9949	0.9901	0.9628	0.9963	0.9873
31.8	0.9817	0.9905	0.9198	0.9963	0.9919	0.9676	0.9968	0.9868
31.9	0.9942	0.9900	0.9380	0.9961	0.9909	0.9622	0.9958	0.9904
32.0	0.9954	0.9904	0.9444	0.9949	0.9890	0.9617	0.9949	0.9891
32.1	0.9915	0.9903	0.9512	0.9936	0.9917	0.9611	0.9943	0.9888
32.2	0.9872	0.9935	0.9587	0.9938	0.9907	0.9683	0.9936	0.9886
32.3	0.9878	0.9922	0.9623	0.9936	0.9860	0.9661	0.9912	0.9815
32.4	0.9896	0.9926	0.9609	0.9946	0.9863	0.9573	0.9922	0.9813
32.5	0.9882	0.9918	0.9472	0.9926	0.9797	0.9562	0.9876	0.9847
32.6	0.9776	0.9935	0.9620	0.9935	0.9781	0.9590	0.9852	0.9867
32.7	0.9583	0.9932	0.9690	0.9934	0.9798	0.9626	0.9846	0.9882
32.8	0.9557	0.9940	0.9783	0.9951	0.9850	0.9638	0.9849	0.9910
32.9	0.9640	0.9957	0.9762	0.9948	0.9829	0.9685	0.9865	0.9902
33.0	0.9848	0.9966	0.9758	0.9948	0.9832	0.9609	0.9862	0.9912
33.1	0.9933	0.9967	0.9806	0.9950	0.9845	0.9697	0.9877	0.9900
33.2	0.9974	0.9963	0.9780	0.9964	0.9885	0.9724	0.9897	0.9921
33.3	0.9980	0.9962	0.9805	0.9979	0.9911	0.9749	0.9944	0.9941
33.4	0.9948	0.9950	0.9766	0.9966	0.9896	0.9686	0.9934	0.9922
33.5	0.9870	0.9954	0.9746	0.9966	0.9898	0.9683	0.9950	0.9927
33.6	0.9853	0.9963	0.9787	0.9974	0.9893	0.9748	0.9956	0.9932
33.7	0.9925	0.9970	0.9852	0.9981	0.9918	0.9789	0.9975	0.9941

33.8	0.9923	0.9966	0.9835	0.9971	0.9871	0.9766	0.9961	0.9940
33.9	0.9916	0.9962	0.9862	0.9974	0.9900	0.9818	0.9977	0.9936
34.0	0.9868	0.9968	0.9877	0.9977	0.9906	0.9768	0.9979	0.9944
34.1	0.9857	0.9963	0.9831	0.9974	0.9862	0.9743	0.9978	0.9928
34.2	0.9898	0.9964	0.9879	0.9974	0.9869	0.9756	0.9974	0.9909
34.3	0.9934	0.9962	0.9883	0.9971	0.9869	0.9771	0.9977	0.9920
34.4	0.9949	0.9963	0.9853	0.9972	0.9842	0.9754	0.9974	0.9903
34.5	0.9939	0.9971	0.9857	0.9977	0.9867	0.9685	0.9972	0.9878
34.6	0.9908	0.9966	0.9881	0.9970	0.9832	0.9778	0.9963	0.9857
34.7	0.9865	0.9955	0.9879	0.9969	0.9850	0.9843	0.9964	0.9857
34.8	0.9878	0.9968	0.9919	0.9975	0.9871	0.9839	0.9980	0.9898
34.9	0.9862	0.9972	0.9913	0.9977	0.9867	0.9860	0.9976	0.9876
35.0	0.9898	0.9978	0.9929	0.9983	0.9880	0.9876	0.9982	0.9866
35.1	0.9923	0.9981	0.9939	0.9985	0.9928	0.9904	0.9985	0.9922
35.2	0.9874	0.9980	0.9929	0.9983	0.9923	0.9906	0.9982	0.9923
35.3	0.9877	0.9970	0.9922	0.9980	0.9906	0.9896	0.9976	0.9884
35.4	0.9925	0.9959	0.9877	0.9970	0.9846	0.9907	0.9962	0.9841
35.5	0.9970	0.9969	0.9917	0.9971	0.9879	0.9929	0.9976	0.9860
35.6	0.9960	0.9972	0.9930	0.9972	0.9877	0.9940	0.9973	0.9859
35.7	0.9875	0.9968	0.9924	0.9972	0.9889	0.9944	0.9975	0.9888
35.8	0.9818	0.9959	0.9877	0.9973	0.9886	0.9956	0.9975	0.9885
35.9	0.9924	0.9972	0.9919	0.9974	0.9920	0.9956	0.9975	0.9915
36.0	0.9979	0.9974	0.9918	0.9978	0.9936	0.9955	0.9983	0.9924
36.1	0.9942	0.9964	0.9911	0.9981	0.9921	0.9945	0.9984	0.9911
36.2	0.9896	0.9974	0.9931	0.9979	0.9942	0.9957	0.9984	0.9925
36.3	0.9908	0.9968	0.9938	0.9971	0.9940	0.9965	0.9981	0.9936
36.4	0.9932	0.9961	0.9922	0.9968	0.9940	0.9959	0.9982	0.9939
36.5	0.9969	0.9974	0.9938	0.9976	0.9948	0.9962	0.9986	0.9937
36.6	0.9971	0.9970	0.9950	0.9977	0.9947	0.9963	0.9985	0.9931
36.7	0.9970	0.9971	0.9947	0.9981	0.9940	0.9967	0.9984	0.9914
36.8	0.9909	0.9979	0.9956	0.9987	0.9953	0.9965	0.9989	0.9935
36.9	0.9874	0.9976	0.9953	0.9985	0.9943	0.9962	0.9990	0.9935
37.0	0.9811	0.9963	0.9934	0.9977	0.9945	0.9952	0.9988	0.9928
37.1	0.9940	0.9974	0.9958	0.9984	0.9937	0.9953	0.9988	0.9919
37.2	0.9966	0.9978	0.9957	0.9985	0.9931	0.9949	0.9989	0.9914
37.3	0.9936	0.9971	0.9946	0.9979	0.9910	0.9923	0.9984	0.9901
37.4	0.9871	0.9962	0.9948	0.9974	0.9919	0.9910	0.9985	0.9907
37.5	0.9884	0.9968	0.9947	0.9973	0.9917	0.9913	0.9984	0.9885
37.6	0.9944	0.9944	0.9939	0.9963	0.9915	0.9881	0.9983	0.9880
37.7	0.9964	0.9939	0.9917	0.9963	0.9923	0.9847	0.9985	0.9859
37.8	0.9960	0.9953	0.9925	0.9967	0.9912	0.9840	0.9985	0.9852
37.9	0.9926	0.9951	0.9929	0.9958	0.9906	0.9779	0.9973	0.9837
38.0	0.9931	0.9949	0.9938	0.9968	0.9899	0.9744	0.9973	0.9851
38.1	0.9921	0.9953	0.9951	0.9967	0.9920	0.9808	0.9978	0.9857
38.2	0.9945	0.9950	0.9938	0.9966	0.9920	0.9738	0.9980	0.9865
38.3	0.9974	0.9961	0.9948	0.9965	0.9953	0.9736	0.9987	0.9895
38.4	0.9931	0.9954	0.9948	0.9962	0.9947	0.9695	0.9988	0.9885
38.5	0.9893	0.9958	0.9950	0.9959	0.9941	0.9711	0.9989	0.9877
38.6	0.9881	0.9957	0.9951	0.9962	0.9921	0.9527	0.9984	0.9851
38.7	0.9917	0.9957	0.9961	0.9971	0.9933	0.9447	0.9990	0.9874
38.8	0.9954	0.9960	0.9964	0.9973	0.9929	0.9228	0.9991	0.9873
38.9	0.9970	0.9957	0.9963	0.9975	0.9928	0.8965	0.9991	0.9875
39.0	0.9966	0.9956	0.9960	0.9975	0.9926	0.8460	0.9992	0.9858
39.1	0.9955	0.9956	0.9935	0.9972	0.9898	0.7764	0.9990	0.9794
39.2	0.9963	0.9962	0.9955	0.9968	0.9926	0.8128	0.9990	0.9851
39.3	0.9963	0.9956	0.9952	0.9958	0.9926	0.7926	0.9986	0.9834
39.4	0.9932	0.9940	0.9934	0.9949	0.9883	0.7519	0.9982	0.9805
39.5	0.9922	0.9951	0.9941	0.9965	0.9865	0.7870	0.9984	0.9809
39.6	0.9928	0.9964	0.9951	0.9974	0.9897	0.8622	0.9990	0.9842
39.7	0.9927	0.9966	0.9949	0.9966	0.9904	0.8804	0.9989	0.9822
39.8	0.9955	0.9958	0.9948	0.9964	0.9872	0.8617	0.9989	0.9813
39.9	0.9945	0.9948	0.9954	0.9953	0.9870	0.8427	0.9984	0.9806
40.0	0.9922	0.9958	0.9942	0.9948	0.9843	0.8710	0.9985	0.9722
40.1	0.9904	0.9958	0.9929	0.9952	0.9846	0.8717	0.9982	0.9712
40.2	0.9943	0.9967	0.9940	0.9952	0.9868	0.8778	0.9983	0.9713
40.3	0.9936	0.9946	0.9902	0.9936	0.9780	0.8710	0.9978	0.9625
40.4	0.9924	0.9960	0.9929	0.9940	0.9816	0.9110	0.9981	0.9661
40.5	0.9944	0.9973	0.9931	0.9946	0.9823	0.9197	0.9983	0.9696
40.6	0.9930	0.9973	0.9918	0.9948	0.9862	0.9308	0.9978	0.9735
40.7	0.9900	0.9972	0.9904	0.9955	0.9816	0.9154	0.9979	0.9649
40.8	0.9852	0.9964	0.9852	0.9927	0.9690	0.8894	0.9965	0.9419
40.9	0.9847	0.9956	0.9877	0.9924	0.9760	0.8952	0.9958	0.9484
41.0	0.9857	0.9962	0.9874	0.9915	0.9679	0.9196	0.9961	0.9387
41.1	0.9848	0.9972	0.9895	0.9925	0.9737	0.9476	0.9969	0.9476
41.2	0.9810	0.9954	0.9880	0.9892	0.9686	0.9346	0.9966	0.9373
41.3	0.9904	0.9968	0.9909	0.9916	0.9745	0.9437	0.9964	0.9496
41.4	0.9914	0.9979	0.9910	0.9917	0.9766	0.9401	0.9960	0.9487
41.5	0.9890	0.9978	0.9905	0.9912	0.9732	0.9253	0.9955	0.9544
41.6	0.9868	0.9972	0.9883	0.9873	0.9660	0.9172	0.9941	0.9360
41.7	0.9840	0.9975	0.9894	0.9854	0.9622	0.9211	0.9927	0.9257
41.8	0.9844	0.9967	0.9886	0.9883	0.9558	0.9243	0.9925	0.9151
41.9	0.9881	0.9970	0.9897	0.9898	0.9575	0.9120	0.9943	0.9251
42.0	0.9867	0.9973	0.9919	0.9903	0.9587	0.8937	0.9948	0.9304
42.1	0.9863	0.9965	0.9918	0.9907	0.9603	0.8560	0.9953	0.9241
42.2	0.9895	0.9962	0.9897	0.9917	0.9515	0.8119	0.9950	0.9079
42.3	0.9900	0.9971	0.9907	0.9903	0.9598	0.8270	0.9943	0.9262

42.4	0.9909	0.9968	0.9923	0.9909	0.9581	0.8500	0.9952	0.9308
42.5	0.9873	0.9962	0.9923	0.9920	0.9545	0.8278	0.9944	0.9179
42.6	0.9764	0.9964	0.9917	0.9914	0.9363	0.8438	0.9936	0.8858
42.7	0.9705	0.9969	0.9885	0.9919	0.9404	0.8157	0.9948	0.9030
42.8	0.9706	0.9953	0.9830	0.9865	0.9000	0.7894	0.9923	0.8867
42.9	0.9788	0.9952	0.9834	0.9880	0.9021	0.7922	0.9915	0.8889
43.0	0.9841	0.9960	0.9876	0.9931	0.9170	0.8540	0.9949	0.9168
43.1	0.9760	0.9960	0.9875	0.9912	0.9042	0.8602	0.9937	0.8996
43.2	0.9704	0.9958	0.9893	0.9912	0.8991	0.8522	0.9955	0.9207
43.3	0.9686	0.9960	0.9870	0.9920	0.8537	0.8182	0.9950	0.9136
43.4	0.9675	0.9943	0.9835	0.9875	0.7818	0.7785	0.9916	0.8698
43.5	0.9658	0.9946	0.9852	0.9888	0.8147	0.8221	0.9920	0.8852
43.6	0.9664	0.9957	0.9839	0.9904	0.8128	0.8769	0.9920	0.8912
43.7	0.9682	0.9955	0.9844	0.9896	0.8172	0.9005	0.9911	0.8888
43.8	0.9562	0.9953	0.9898	0.9903	0.8568	0.9136	0.9927	0.9061
43.9	0.9400	0.9960	0.9888	0.9889	0.8241	0.9299	0.9938	0.9003
44.0	0.9141	0.9957	0.9803	0.9883	0.6290	0.8856	0.9925	0.8265
44.1	0.9101	0.9938	0.9791	0.9843	0.6407	0.8997	0.9908	0.8047
44.2	0.9242	0.9930	0.9788	0.9845	0.5463	0.9025	0.9904	0.7604
44.3	0.9186	0.9900	0.9801	0.9813	0.3925	0.9093	0.9863	0.7239
44.4	0.9053	0.9941	0.9837	0.9851	0.3112	0.9443	0.9910	0.7459
44.5	0.8709	0.9942	0.9758	0.9751	0.2284	0.9422	0.9864	0.7084
44.6	0.7945	0.9926	0.9712	0.9759	0.1339	0.9225	0.9865	0.7015
44.7	0.8062	0.9942	0.9735	0.9840	0.1005	0.9444	0.9925	0.7815
44.8	0.7750	0.9934	0.9657	0.9765	0.0683	0.9435	0.9899	0.7098
44.9	0.7508	0.9936	0.9710	0.9834	0.1746	0.9509	0.9905	0.7176
45.0	0.7967	0.9943	0.9704	0.9829	0.0992	0.9338	0.9869	0.6231
45.1	0.7813	0.9930	0.9694	0.9770	0.1919	0.9331	0.9839	0.5677
45.2	0.7541	0.9927	0.9682	0.9808	0.2343	0.9426	0.9872	0.6248
45.3	0.7832	0.9920	0.9732	0.9809	0.4027	0.9598	0.9882	0.6909
45.4	0.7830	0.9913	0.9701	0.9816	0.5480	0.9570	0.9872	0.6497
45.5	0.7395	0.9911	0.9539	0.9771	0.4819	0.9444	0.9845	0.4964
45.6	0.7886	0.9906	0.9478	0.9804	0.3794	0.9380	0.9839	0.4384
45.7	0.8191	0.9933	0.9518	0.9779	0.5707	0.9412	0.9854	0.5426
45.8	0.7989	0.9930	0.9461	0.9815	0.5861	0.9423	0.9881	0.4789
45.9	0.8022	0.9911	0.9473	0.9844	0.5941	0.9464	0.9867	0.4232
46.0	0.8679	0.9905	0.9630	0.9860	0.7402	0.9652	0.9906	0.5662
46.1	0.8852	0.9910	0.9600	0.9862	0.7605	0.9587	0.9880	0.6470
46.2	0.8658	0.9911	0.9520	0.9861	0.7525	0.9575	0.9858	0.6504
46.3	0.8943	0.9913	0.9461	0.9882	0.7709	0.9494	0.9847	0.5991
46.4	0.9183	0.9917	0.9607	0.9907	0.8507	0.9657	0.9893	0.7210
46.5	0.9181	0.9882	0.9652	0.9916	0.8661	0.9713	0.9896	0.6965
46.6	0.8968	0.9862	0.9429	0.9887	0.7982	0.9494	0.9817	0.5936
46.7	0.9002	0.9879	0.9317	0.9850	0.8044	0.9414	0.9707	0.6637
46.8	0.9056	0.9901	0.9363	0.9869	0.8285	0.9559	0.9743	0.6853
46.9	0.9223	0.9917	0.9462	0.9902	0.8631	0.9627	0.9740	0.7468
47.0	0.9164	0.9908	0.9332	0.9908	0.8507	0.9528	0.9666	0.7442
47.1	0.9234	0.9910	0.9274	0.9889	0.8684	0.9401	0.9618	0.7946
47.2	0.9431	0.9899	0.9350	0.9901	0.8853	0.9499	0.9499	0.8450
47.3	0.9597	0.9907	0.9532	0.9911	0.9183	0.9663	0.9585	0.8822
47.4	0.9605	0.9919	0.9421	0.9925	0.9098	0.9592	0.9621	0.8695
47.5	0.9485	0.9894	0.9238	0.9911	0.8906	0.9456	0.9497	0.8579
47.6	0.9481	0.9877	0.9143	0.9853	0.8876	0.9399	0.9400	0.8494
47.7	0.9496	0.9898	0.9188	0.9879	0.8932	0.9391	0.9184	0.8459
47.8	0.9618	0.9932	0.9224	0.9903	0.9151	0.9454	0.9319	0.8813
47.9	0.9594	0.9914	0.9057	0.9874	0.9093	0.9346	0.9309	0.8678
48.0	0.9664	0.9894	0.9194	0.9884	0.9225	0.9292	0.9268	0.8855
48.1	0.9789	0.9924	0.9429	0.9897	0.9501	0.9455	0.9527	0.9245
48.2	0.9822	0.9926	0.9361	0.9894	0.9513	0.9391	0.9627	0.9319
48.3	0.9851	0.9951	0.9357	0.9910	0.9604	0.9438	0.9701	0.9460
48.4	0.9828	0.9948	0.9233	0.9872	0.9543	0.9149	0.9667	0.9399
48.5	0.9841	0.9945	0.9217	0.9878	0.9523	0.8949	0.9661	0.9378
48.6	0.9798	0.9942	0.8943	0.9873	0.9410	0.8210	0.9617	0.9197
48.7	0.9780	0.9939	0.8961	0.9858	0.9407	0.8402	0.9633	0.9284
48.8	0.9804	0.9935	0.8924	0.9852	0.9419	0.8483	0.9675	0.9338
48.9	0.9841	0.9930	0.9017	0.9808	0.9506	0.7919	0.9705	0.9411
49.0	0.9833	0.9940	0.8992	0.9788	0.9566	0.7477	0.9760	0.9437
49.1	0.9846	0.9941	0.8855	0.9829	0.9568	0.6489	0.9775	0.9458
49.2	0.9856	0.9936	0.8571	0.9838	0.9530	0.4810	0.9782	0.9443
49.3	0.9875	0.9945	0.8790	0.9836	0.9661	0.4102	0.9838	0.9572
49.4	0.9906	0.9958	0.9046	0.9867	0.9750	0.4243	0.9878	0.9663
49.5	0.9896	0.9928	0.8883	0.9854	0.9667	0.1447	0.9817	0.9544
49.6	0.9911	0.9943	0.8448	0.9879	0.9659	0.0728	0.9810	0.9488
49.7	0.9934	0.9966	0.8539	0.9899	0.9766	0.5246	0.9884	0.9636
49.8	0.9949	0.9975	0.8867	0.9878	0.9825	0.6786	0.9920	0.9804
49.9	0.9937	0.9952	0.8526	0.9769	0.9747	0.5183	0.9864	0.9649
50.0	0.9924	0.9943	0.8403	0.9777	0.9770	0.7192	0.9881	0.9728
50.1	0.9934	0.9959	0.8593	0.9878	0.9819	0.8124	0.9904	0.9729
50.2	0.9947	0.9967	0.8598	0.9838	0.9831	0.8597	0.9917	0.9748
50.3	0.9942	0.9963	0.8211	0.9774	0.9835	0.8874	0.9910	0.9764
50.4	0.9909	0.9945	0.8074	0.9726	0.9799	0.8622	0.9881	0.9733
50.5	0.9922	0.9939	0.8461	0.9808	0.9799	0.8929	0.9882	0.9756
50.6	0.9950	0.9958	0.8934	0.9842	0.9843	0.9220	0.9907	0.9792
50.7	0.9951	0.9961	0.8982	0.9875	0.9861	0.9290	0.9923	0.9828
50.8	0.9938	0.9956	0.8562	0.9773	0.9845	0.9437	0.9912	0.9782
50.9	0.9922	0.9949	0.8392	0.9740	0.9820	0.9445	0.9896	0.9743

51.0	0.9943	0.9955	0.8479	0.9799	0.9836	0.9648	0.9911	0.9776
51.1	0.9953	0.9951	0.8602	0.9834	0.9845	0.9668	0.9923	0.9767
51.2	0.9963	0.9967	0.8487	0.9834	0.9892	0.9672	0.9944	0.9810
51.3	0.9955	0.9959	0.8764	0.9800	0.9869	0.9537	0.9924	0.9772
51.4	0.9926	0.9949	0.8752	0.9777	0.9838	0.9642	0.9917	0.9749
51.5	0.9934	0.9952	0.8812	0.9800	0.9846	0.9748	0.9928	0.9749
51.6	0.9949	0.9957	0.9086	0.9808	0.9852	0.9795	0.9935	0.9789
51.7	0.9949	0.9959	0.9182	0.9811	0.9851	0.9826	0.9936	0.9800
51.8	0.9950	0.9959	0.9084	0.9768	0.9844	0.9848	0.9935	0.9805
51.9	0.9941	0.9946	0.9021	0.9752	0.9836	0.9764	0.9924	0.9625
52.0	0.9943	0.9960	0.9267	0.9852	0.9874	0.9841	0.9945	0.9677
52.1	0.9936	0.9949	0.9081	0.9819	0.9810	0.9781	0.9919	0.9688
52.2	0.9951	0.9954	0.9190	0.9815	0.9820	0.9802	0.9923	0.9754
52.3	0.9925	0.9943	0.9405	0.9754	0.9821	0.9817	0.9924	0.9671
52.4	0.9934	0.9949	0.9188	0.9667	0.9818	0.9734	0.9916	0.9320
52.5	0.9934	0.9957	0.9253	0.9692	0.9815	0.9803	0.9923	0.9359
52.6	0.9941	0.9954	0.9290	0.9728	0.9830	0.9871	0.9932	0.9553
52.7	0.9953	0.9960	0.9440	0.9786	0.9861	0.9866	0.9948	0.9668
52.8	0.9931	0.9959	0.9485	0.9791	0.9862	0.9856	0.9947	0.9664
52.9	0.9934	0.9959	0.9453	0.9740	0.9886	0.9909	0.9953	0.9441
53.0	0.9939	0.9948	0.9493	0.9734	0.9868	0.9894	0.9951	0.8860
53.1	0.9909	0.9945	0.9487	0.9818	0.9801	0.9857	0.9929	0.9393
53.2	0.9924	0.9959	0.9464	0.9825	0.9845	0.9899	0.9948	0.9714
53.3	0.9928	0.9961	0.9409	0.9818	0.9840	0.9895	0.9950	0.9598
53.4	0.9938	0.9964	0.9621	0.9784	0.9853	0.9897	0.9958	0.9630
53.5	0.9924	0.9963	0.9629	0.9784	0.9847	0.9892	0.9947	0.9343
53.6	0.9935	0.9963	0.9664	0.9884	0.9870	0.9898	0.9958	0.9176
53.7	0.9930	0.9960	0.9646	0.9897	0.9853	0.9919	0.9951	0.9158
53.8	0.9947	0.9972	0.9780	0.9920	0.9876	0.9912	0.9957	0.9236
53.9	0.9944	0.9970	0.9770	0.9891	0.9878	0.9913	0.9963	0.9383
54.0	0.9931	0.9959	0.9728	0.9818	0.9856	0.9894	0.9957	0.9457
54.1	0.9916	0.9956	0.9644	0.9726	0.9814	0.9883	0.9944	0.9491
54.2	0.9910	0.9960	0.9684	0.9781	0.9834	0.9868	0.9944	0.9088
54.3	0.9922	0.9965	0.9754	0.9841	0.9828	0.9856	0.9941	0.9289
54.4	0.9931	0.9969	0.9825	0.9852	0.9813	0.9853	0.9944	0.9554
54.5	0.9866	0.9947	0.9715	0.9811	0.9822	0.9907	0.9944	0.9435
54.6	0.9901	0.9963	0.9781	0.9788	0.9863	0.9907	0.9959	0.9518
54.7	0.9886	0.9968	0.9730	0.9748	0.9824	0.9893	0.9945	0.9421
54.8	0.9885	0.9961	0.9771	0.9743	0.9804	0.9900	0.9933	0.9195
54.9	0.9905	0.9970	0.9796	0.9798	0.9850	0.9904	0.9952	0.9450
55.0	0.9882	0.9962	0.9755	0.9735	0.9823	0.9890	0.9945	0.9600
55.1	0.9881	0.9955	0.9758	0.9822	0.9841	0.9907	0.9952	0.9541
55.2	0.9869	0.9957	0.9786	0.9764	0.9830	0.9876	0.9952	0.9470
55.3	0.9877	0.9957	0.9818	0.9744	0.9830	0.9850	0.9952	0.9465
55.4	0.9876	0.9952	0.9811	0.9711	0.9785	0.9876	0.9938	0.9350
55.5	0.9905	0.9961	0.9789	0.9649	0.9768	0.9897	0.9943	0.9207
55.6	0.9804	0.9943	0.9683	0.9545	0.9773	0.9861	0.9937	0.9331
55.7	0.9832	0.9960	0.9722	0.9625	0.9819	0.9892	0.9951	0.9395
55.8	0.9834	0.9949	0.9690	0.9599	0.9766	0.9864	0.9938	0.9111
55.9	0.9842	0.9947	0.9750	0.9618	0.9790	0.9875	0.9945	0.9126
56.0	0.9842	0.9953	0.9751	0.9570	0.9799	0.9836	0.9950	0.8842
56.1	0.9795	0.9938	0.9702	0.9469	0.9747	0.9780	0.9920	0.8733
56.2	0.9768	0.9931	0.9667	0.9283	0.9713	0.9804	0.9927	0.8505
56.3	0.9808	0.9948	0.9757	0.9402	0.9778	0.9876	0.9946	0.8730
56.4	0.9796	0.9946	0.9725	0.9473	0.9802	0.9899	0.9951	0.8714
56.5	0.9749	0.9948	0.9678	0.9384	0.9665	0.9843	0.9936	0.8159
56.6	0.9770	0.9937	0.9707	0.9365	0.9636	0.9764	0.9930	0.7486
56.7	0.9807	0.9948	0.9735	0.9316	0.9689	0.9828	0.9937	0.7957
56.8	0.9727	0.9937	0.9597	0.9293	0.9557	0.9808	0.9916	0.8236
56.9	0.9716	0.9943	0.9588	0.9268	0.9420	0.9818	0.9920	0.8487
57.0	0.9751	0.9940	0.9667	0.9272	0.9454	0.9829	0.9928	0.8367
57.1	0.9630	0.9902	0.9551	0.9011	0.9332	0.9636	0.9902	0.7689
57.2	0.9717	0.9910	0.9682	0.9329	0.9452	0.9536	0.9907	0.7898
57.3	0.9746	0.9916	0.9707	0.9133	0.9288	0.9742	0.9887	0.7690
57.4	0.9673	0.9889	0.9586	0.8990	0.9049	0.9730	0.9871	0.7392
57.5	0.9645	0.9863	0.9568	0.8988	0.9075	0.9713	0.9881	0.7938
57.6	0.9734	0.9872	0.9670	0.9093	0.9062	0.9743	0.9868	0.7730
57.7	0.9698	0.9899	0.9665	0.9355	0.9109	0.9714	0.9904	0.8012
57.8	0.9712	0.9904	0.9706	0.9357	0.9182	0.9677	0.9906	0.8283
57.9	0.9693	0.9853	0.9651	0.9102	0.8891	0.9590	0.9881	0.7488
58.0	0.9755	0.9886	0.9729	0.9462	0.9008	0.9731	0.9888	0.8030
58.1	0.9742	0.9878	0.9721	0.9349	0.8753	0.9501	0.9879	0.8025
58.2	0.9726	0.9853	0.9680	0.9341	0.8746	0.9378	0.9878	0.7671
58.3	0.9718	0.9872	0.9715	0.9599	0.8772	0.9289	0.9858	0.8176
58.4	0.9651	0.9857	0.9617	0.9613	0.7673	0.8719	0.9780	0.8427
58.5	0.9622	0.9824	0.9580	0.9605	0.7021	0.7510	0.9805	0.8201
58.6	0.9610	0.9838	0.9622	0.9660	0.7055	0.7311	0.9851	0.7740
58.7	0.9718	0.9886	0.9716	0.9780	0.7605	0.6607	0.9864	0.7281
58.8	0.9580	0.9841	0.9569	0.9787	0.7062	0.4373	0.9784	0.6542
58.9	0.9498	0.9831	0.9519	0.9761	0.6132	0.2150	0.9794	0.6753
59.0	0.9558	0.9827	0.9570	0.9816	0.6203	0.0518	0.9818	0.6060
59.1	0.9722	0.9899	0.9712	0.9879	0.7314	0.1664	0.9848	0.5558
59.2	0.9644	0.9833	0.9593	0.9866	0.7247	0.5407	0.9865	0.5621
59.3	0.9598	0.9811	0.9527	0.9843	0.6430	0.7085	0.9856	0.2871
59.4	0.9661	0.9839	0.9636	0.9910	0.7179	0.8649	0.9899	0.1387
59.5	0.9619	0.9842	0.9586	0.9907	0.7045	0.8895	0.9878	0.1146

59.6	0.9628	0.9857	0.9575	0.9891	0.6729	0.9154	0.9873	0.4461
59.7	0.9564	0.9780	0.9496	0.9903	0.6735	0.9064	0.9893	0.6210
59.8	0.9691	0.9840	0.9662	0.9922	0.7174	0.9493	0.9893	0.7374
59.9	0.9759	0.9737	0.9676	0.6850	0.7058	0.9447	0.9890	0.7753
60.0	0.9588	0.9360	0.9379	0.4227	0.4375	0.9267	0.9877	0.8302
60.1	0.9632	0.9728	0.9603	0.6650	0.5640	0.9506	0.9864	0.8816
60.2	0.9728	0.9810	0.9748	0.9890	0.6867	0.9545	0.9857	0.9194
60.3	0.9673	0.9816	0.9744	0.9879	0.6663	0.9447	0.9846	0.9164
60.4	0.9600	0.9791	0.9670	0.9873	0.6463	0.9344	0.9840	0.9466
60.5	0.9702	0.9821	0.9752	0.9888	0.6832	0.9457	0.9847	0.9451
60.6	0.9668	0.9769	0.9760	0.9873	0.5948	0.9311	0.9817	0.9325
60.7	0.9669	0.9769	0.9737	0.9841	0.5622	0.9182	0.9814	0.9321
60.8	0.9703	0.9803	0.9778	0.9871	0.6200	0.9382	0.9838	0.9492
60.9	0.9623	0.9717	0.9723	0.9815	0.4981	0.9108	0.9777	0.9399
61.0	0.9633	0.9744	0.9739	0.9842	0.5326	0.9171	0.9793	0.9507
61.1	0.9678	0.9815	0.9760	0.9881	0.5526	0.9393	0.9841	0.9654
61.2	0.9652	0.9818	0.9749	0.9868	0.5349	0.9542	0.9854	0.9534
61.3	0.9654	0.9785	0.9729	0.9851	0.3957	0.9533	0.9812	0.9461
61.4	0.9691	0.9766	0.9692	0.9834	0.2720	0.9466	0.9805	0.9447
61.5	0.9682	0.9784	0.9692	0.9845	0.2740	0.9560	0.9822	0.9568
61.6	0.9745	0.9825	0.9767	0.9854	0.2906	0.9680	0.9850	0.9634
61.7	0.9679	0.9807	0.9763	0.9823	0.2190	0.9755	0.9825	0.9656
61.8	0.9666	0.9798	0.9670	0.9834	0.2416	0.9732	0.9808	0.9659
61.9	0.9584	0.9757	0.9570	0.9801	0.1401	0.9777	0.9782	0.9612
62.0	0.9597	0.9767	0.9586	0.9760	0.0250	0.9776	0.9769	0.9635
62.1	0.9578	0.9779	0.9593	0.9738	0.0019	0.9810	0.9778	0.9689
62.2	0.9678	0.9831	0.9688	0.9808	0.0242	0.9829	0.9829	0.9728
62.3	0.9656	0.9805	0.9675	0.9817	0.0161	0.9799	0.9786	0.9656
62.4	0.9631	0.9761	0.9672	0.9774	0.1568	0.9798	0.9787	0.9679
62.5	0.9501	0.9723	0.9566	0.9737	0.1919	0.9793	0.9758	0.9662
62.6	0.9551	0.9761	0.9637	0.9765	0.3178	0.9827	0.9727	0.9715
62.7	0.9558	0.9769	0.9681	0.9760	0.3830	0.9830	0.9748	0.9746
62.8	0.9490	0.9755	0.9695	0.9740	0.4850	0.9807	0.9733	0.9603
62.9	0.9478	0.9754	0.9656	0.9753	0.5157	0.9806	0.9711	0.9567
63.0	0.9573	0.9801	0.9710	0.9757	0.5651	0.9824	0.9733	0.9703
63.1	0.9598	0.9826	0.9778	0.9822	0.6629	0.9912	0.9738	0.9821
63.2	0.9608	0.9825	0.9795	0.9854	0.6666	0.9893	0.9720	0.9752
63.3	0.9473	0.9729	0.9694	0.9763	0.6479	0.9848	0.9577	0.9667
63.4	0.9472	0.9720	0.9692	0.9789	0.7311	0.9880	0.9623	0.9752
63.5	0.9325	0.9709	0.9696	0.9767	0.7045	0.9864	0.9580	0.9670
63.6	0.9414	0.9707	0.9677	0.9788	0.7292	0.9885	0.9572	0.9667
63.7	0.9337	0.9755	0.9731	0.9770	0.7795	0.9910	0.9584	0.9738
63.8	0.9392	0.9787	0.9806	0.9798	0.7950	0.9920	0.9560	0.9690
63.9	0.9490	0.9779	0.9805	0.9810	0.8320	0.9928	0.9559	0.9708
64.0	0.9374	0.9734	0.9790	0.9806	0.8626	0.9933	0.9497	0.9800
64.1	0.9394	0.9647	0.9755	0.9795	0.8481	0.9921	0.9430	0.9774
64.2	0.9352	0.9697	0.9744	0.9779	0.8632	0.9931	0.9433	0.9783
64.3	0.9298	0.9734	0.9790	0.9789	0.8699	0.9911	0.9417	0.9729
64.4	0.8992	0.9605	0.9747	0.9704	0.7997	0.9916	0.9166	0.9615
64.5	0.9342	0.9711	0.9833	0.9845	0.8581	0.9929	0.9398	0.9721
64.6	0.9371	0.9691	0.9826	0.9855	0.8911	0.9940	0.9345	0.9807
64.7	0.9315	0.9601	0.9802	0.9836	0.8923	0.9936	0.9355	0.9764
64.8	0.9139	0.9671	0.9851	0.9830	0.9221	0.9944	0.9292	0.9754
64.9	0.9158	0.9643	0.9860	0.9814	0.9112	0.9959	0.9173	0.9787
65.0	0.9152	0.9646	0.9849	0.9821	0.8898	0.9944	0.9204	0.9797
65.1	0.8985	0.9514	0.9859	0.9798	0.8830	0.9933	0.9021	0.9746
65.2	0.8981	0.9606	0.9861	0.9795	0.8997	0.9944	0.9105	0.9736
65.3	0.8890	0.9492	0.9821	0.9790	0.8869	0.9944	0.8999	0.9719
65.4	0.8847	0.9459	0.9819	0.9796	0.8954	0.9948	0.8991	0.9763
65.5	0.8979	0.9379	0.9820	0.9811	0.8898	0.9937	0.8978	0.9704
65.6	0.8777	0.9342	0.9793	0.9792	0.8691	0.9944	0.8952	0.9718
65.7	0.8632	0.9121	0.9745	0.9732	0.8174	0.9927	0.8871	0.9723
65.8	0.8768	0.9164	0.9796	0.9783	0.8277	0.9951	0.8949	0.9765
65.9	0.9023	0.9413	0.9853	0.9808	0.8746	0.9965	0.9239	0.9775
66.0	0.8939	0.9073	0.9823	0.9780	0.8314	0.9943	0.9142	0.9679
66.1	0.8990	0.8998	0.9812	0.9771	0.8403	0.9951	0.9146	0.9758
66.2	0.9170	0.9400	0.9893	0.9843	0.8601	0.9958	0.9438	0.9811
66.3	0.9293	0.9328	0.9919	0.9863	0.8683	0.9960	0.9545	0.9821
66.4	0.9285	0.9030	0.9918	0.9831	0.8662	0.9957	0.9465	0.9810
66.5	0.9268	0.9183	0.9898	0.9821	0.8946	0.9955	0.9496	0.9799
66.6	0.9153	0.9265	0.9847	0.9798	0.8924	0.9957	0.9424	0.9756
66.7	0.8852	0.9122	0.9835	0.9741	0.8697	0.9953	0.9319	0.9623
66.8	0.9174	0.9178	0.9884	0.9787	0.8463	0.9945	0.9520	0.9688
66.9	0.9346	0.9326	0.9920	0.9804	0.8675	0.9955	0.9655	0.9758
67.0	0.9271	0.9090	0.9901	0.9787	0.8464	0.9961	0.9563	0.9809
67.1	0.9308	0.8803	0.9883	0.9804	0.8450	0.9964	0.9496	0.9704
67.2	0.9334	0.8967	0.9900	0.9800	0.8403	0.9964	0.9556	0.9721
67.3	0.9298	0.9155	0.9924	0.9796	0.8386	0.9963	0.9643	0.9783
67.4	0.9290	0.9165	0.9920	0.9805	0.8436	0.9958	0.9681	0.9757
67.5	0.9435	0.9134	0.9922	0.9856	0.8629	0.9969	0.9718	0.9781
67.6	0.9298	0.9007	0.9921	0.9801	0.8489	0.9965	0.9642	0.9788
67.7	0.9175	0.9052	0.9899	0.9737	0.8107	0.9957	0.9594	0.9760
67.8	0.9088	0.8905	0.9902	0.9741	0.8312	0.9969	0.9577	0.9795
67.9	0.9321	0.9106	0.9927	0.9764	0.8717	0.9970	0.9700	0.9832
68.0	0.9180	0.9081	0.9917	0.9719	0.8276	0.9971	0.9646	0.9807
68.1	0.9067	0.9086	0.9918	0.9685	0.8321	0.9960	0.9635	0.9796

68.2	0.9142	0.9293	0.9927	0.9685	0.8554	0.9967	0.9694	0.9825
68.3	0.9371	0.9521	0.9936	0.9761	0.8787	0.9976	0.9755	0.9842
68.4	0.9388	0.9437	0.9926	0.9768	0.8566	0.9966	0.9746	0.9853
68.5	0.9302	0.9350	0.9937	0.9763	0.8679	0.9965	0.9749	0.9839
68.6	0.9226	0.9413	0.9922	0.9754	0.8911	0.9976	0.9723	0.9847
68.7	0.9059	0.9318	0.9915	0.9728	0.8712	0.9968	0.9698	0.9842
68.8	0.8984	0.9355	0.9919	0.9674	0.8402	0.9957	0.9676	0.9848
68.9	0.9083	0.9538	0.9931	0.9682	0.8665	0.9969	0.9716	0.9829
69.0	0.9275	0.9513	0.9931	0.9742	0.8864	0.9972	0.9749	0.9828
69.1	0.9238	0.9452	0.9924	0.9677	0.8648	0.9968	0.9693	0.9802
69.2	0.9202	0.9518	0.9925	0.9678	0.8693	0.9970	0.9670	0.9810
69.3	0.9188	0.9570	0.9919	0.9692	0.9089	0.9970	0.9739	0.9832
69.4	0.9371	0.9615	0.9917	0.9714	0.9232	0.9975	0.9741	0.9856
69.5	0.9341	0.9666	0.9930	0.9700	0.9288	0.9969	0.9762	0.9857
69.6	0.9418	0.9706	0.9937	0.9728	0.9343	0.9971	0.9768	0.9846
69.7	0.9242	0.9700	0.9933	0.9654	0.9278	0.9969	0.9702	0.9865
69.8	0.9098	0.9658	0.9939	0.9563	0.9282	0.9965	0.9699	0.9858
69.9	0.8687	0.9600	0.9903	0.9338	0.9062	0.9956	0.9526	0.9810
70.0	0.9036	0.9660	0.9915	0.9517	0.9262	0.9964	0.9619	0.9826
70.1	0.9241	0.9668	0.9918	0.9594	0.9145	0.9963	0.9628	0.9852
70.2	0.9310	0.9738	0.9934	0.9601	0.9191	0.9969	0.9646	0.9853
70.3	0.9342	0.9723	0.9921	0.9656	0.9335	0.9969	0.9672	0.9804
70.4	0.9337	0.9757	0.9918	0.9632	0.9311	0.9974	0.9650	0.9851
70.5	0.9392	0.9833	0.9906	0.9647	0.9468	0.9968	0.9682	0.9856
70.6	0.9481	0.9847	0.9912	0.9698	0.9501	0.9971	0.9716	0.9888
70.7	0.9495	0.9850	0.9889	0.9672	0.9407	0.9972	0.9685	0.9877
70.8	0.9541	0.9844	0.9918	0.9707	0.9379	0.9973	0.9685	0.9880
70.9	0.9399	0.9861	0.9896	0.9615	0.9236	0.9960	0.9600	0.9851
71.0	0.9467	0.9876	0.9891	0.9634	0.9314	0.9957	0.9630	0.9883
71.1	0.9399	0.9868	0.9869	0.9584	0.9167	0.9967	0.9543	0.9885
71.2	0.9248	0.9832	0.9850	0.9483	0.8898	0.9955	0.9437	0.9834
71.3	0.9363	0.9855	0.9859	0.9569	0.9111	0.9951	0.9546	0.9846
71.4	0.9324	0.9871	0.9852	0.9553	0.9024	0.9959	0.9529	0.9858
71.5	0.9483	0.9865	0.9868	0.9654	0.9286	0.9957	0.9654	0.9890
71.6	0.9540	0.9801	0.9852	0.9677	0.9238	0.9942	0.9636	0.9874
71.7	0.9452	0.9826	0.9855	0.9612	0.9138	0.9942	0.9579	0.9863
71.8	0.9421	0.9819	0.9798	0.9588	0.9166	0.9927	0.9568	0.9847
71.9	0.9569	0.9801	0.9786	0.9680	0.9172	0.9935	0.9608	0.9894
72.0	0.9519	0.9837	0.9814	0.9662	0.9130	0.9939	0.9574	0.9898
72.1	0.9632	0.9895	0.9827	0.9758	0.9474	0.9948	0.9709	0.9890
72.2	0.9649	0.9889	0.9808	0.9740	0.9508	0.9946	0.9711	0.9891
72.3	0.9684	0.9895	0.9871	0.9747	0.9490	0.9940	0.9725	0.9898
72.4	0.9615	0.9877	0.9840	0.9695	0.9424	0.9935	0.9668	0.9901
72.5	0.9457	0.9839	0.9748	0.9581	0.9269	0.9906	0.9534	0.9860
72.6	0.9627	0.9889	0.9819	0.9720	0.9534	0.9926	0.9689	0.9891
72.7	0.9563	0.9885	0.9827	0.9664	0.9474	0.9920	0.9640	0.9861
72.8	0.9679	0.9894	0.9836	0.9749	0.9596	0.9941	0.9715	0.9878
72.9	0.9659	0.9883	0.9833	0.9733	0.9573	0.9927	0.9714	0.9896
73.0	0.9545	0.9869	0.9766	0.9635	0.9501	0.9901	0.9636	0.9883
73.1	0.9629	0.9883	0.9713	0.9705	0.9599	0.9928	0.9680	0.9878
73.2	0.9701	0.9914	0.9744	0.9755	0.9670	0.9942	0.9731	0.9892
73.3	0.9815	0.9930	0.9758	0.9841	0.9778	0.9949	0.9819	0.9923
73.4	0.9798	0.9949	0.9825	0.9843	0.9802	0.9948	0.9840	0.9945
73.5	0.9736	0.9913	0.9726	0.9778	0.9724	0.9943	0.9763	0.9928
73.6	0.9766	0.9910	0.9666	0.9788	0.9758	0.9936	0.9770	0.9900
73.7	0.9803	0.9927	0.9640	0.9828	0.9831	0.9940	0.9827	0.9918
73.8	0.9816	0.9932	0.9579	0.9831	0.9839	0.9933	0.9840	0.9924
73.9	0.9827	0.9948	0.9669	0.9862	0.9863	0.9927	0.9856	0.9935
74.0	0.9772	0.9945	0.9664	0.9816	0.9837	0.9930	0.9813	0.9932
74.1	0.9756	0.9949	0.9611	0.9799	0.9814	0.9921	0.9801	0.9912
74.2	0.9735	0.9940	0.9658	0.9758	0.9789	0.9891	0.9793	0.9931
74.3	0.9740	0.9922	0.9711	0.9761	0.9799	0.9923	0.9780	0.9935
74.4	0.9783	0.9937	0.9511	0.9819	0.9821	0.9922	0.9813	0.9926
74.5	0.9842	0.9955	0.9592	0.9858	0.9863	0.9937	0.9864	0.9947
74.6	0.9872	0.9958	0.9604	0.9876	0.9870	0.9935	0.9872	0.9957
74.7	0.9878	0.9971	0.9697	0.9883	0.9902	0.9949	0.9901	0.9963
74.8	0.9847	0.9965	0.9720	0.9863	0.9881	0.9942	0.9869	0.9960
74.9	0.9778	0.9943	0.9409	0.9801	0.9847	0.9911	0.9808	0.9924
75.0	0.9850	0.9941	0.9508	0.9859	0.9882	0.9942	0.9854	0.9932
75.1	0.9825	0.9937	0.9510	0.9831	0.9850	0.9926	0.9817	0.9928
75.2	0.9725	0.9931	0.9462	0.9736	0.9812	0.9901	0.9763	0.9892
75.3	0.9777	0.9947	0.9363	0.9774	0.9870	0.9885	0.9824	0.9895
75.4	0.9849	0.9959	0.9495	0.9842	0.9889	0.9927	0.9859	0.9937
75.5	0.9814	0.9954	0.9456	0.9824	0.9857	0.9910	0.9818	0.9897
75.6	0.9820	0.9958	0.9480	0.9834	0.9864	0.9915	0.9822	0.9899
75.7	0.9859	0.9958	0.9502	0.9869	0.9865	0.9921	0.9841	0.9923
75.8	0.9863	0.9968	0.9592	0.9856	0.9883	0.9931	0.9854	0.9946
75.9	0.9823	0.9959	0.9532	0.9803	0.9863	0.9906	0.9820	0.9930
76.0	0.9852	0.9961	0.9581	0.9835	0.9868	0.9921	0.9827	0.9895
76.1	0.9849	0.9953	0.9620	0.9811	0.9856	0.9915	0.9791	0.9900
76.2	0.9836	0.9938	0.9555	0.9778	0.9840	0.9918	0.9733	0.9879
76.3	0.9868	0.9937	0.9570	0.9808	0.9816	0.9904	0.9727	0.9881
76.4	0.9851	0.9949	0.9625	0.9817	0.9841	0.9894	0.9742	0.9895
76.5	0.9868	0.9960	0.9699	0.9850	0.9891	0.9930	0.9807	0.9891
76.6	0.9892	0.9963	0.9760	0.9863	0.9902	0.9942	0.9830	0.9921
76.7	0.9884	0.9965	0.9753	0.9843	0.9893	0.9922	0.9841	0.9899

76.8	0.9889	0.9964	0.9749	0.9820	0.9889	0.9940	0.9783	0.9901
76.9	0.9854	0.9947	0.9593	0.9744	0.9810	0.9896	0.9707	0.9869
77.0	0.9885	0.9957	0.9740	0.9812	0.9838	0.9893	0.9733	0.9864
77.1	0.9889	0.9959	0.9770	0.9817	0.9851	0.9928	0.9756	0.9898
77.2	0.9883	0.9966	0.9809	0.9785	0.9853	0.9916	0.9692	0.9892
77.3	0.9887	0.9961	0.9728	0.9762	0.9838	0.9864	0.9661	0.9825
77.4	0.9892	0.9960	0.9722	0.9810	0.9863	0.9902	0.9713	0.9837
77.5	0.9897	0.9959	0.9798	0.9797	0.9879	0.9929	0.9641	0.9913
77.6	0.9922	0.9960	0.9830	0.9815	0.9872	0.9928	0.9652	0.9900
77.7	0.9921	0.9959	0.9811	0.9836	0.9856	0.9923	0.9602	0.9866
77.8	0.9907	0.9954	0.9743	0.9792	0.9820	0.9912	0.9506	0.9781
77.9	0.9923	0.9957	0.9774	0.9807	0.9859	0.9933	0.9556	0.9755
78.0	0.9937	0.9958	0.9820	0.9816	0.9865	0.9933	0.9659	0.9820
78.1	0.9921	0.9952	0.9815	0.9774	0.9844	0.9923	0.9542	0.9786
78.2	0.9921	0.9949	0.9743	0.9778	0.9847	0.9900	0.9515	0.9656
78.3	0.9936	0.9938	0.9786	0.9808	0.9836	0.9904	0.9593	0.9759
78.4	0.9930	0.9947	0.9875	0.9812	0.9828	0.9928	0.9538	0.9751
78.5	0.9908	0.9945	0.9847	0.9714	0.9805	0.9906	0.9322	0.9584
78.6	0.9917	0.9933	0.9861	0.9710	0.9828	0.9900	0.9346	0.9606
78.7	0.9917	0.9931	0.9845	0.9733	0.9808	0.9905	0.9345	0.9673
78.8	0.9908	0.9935	0.9800	0.9688	0.9786	0.9893	0.9298	0.9489
78.9	0.9935	0.9942	0.9802	0.9743	0.9716	0.9883	0.9000	0.9434
79.0	0.9927	0.9921	0.9728	0.9738	0.9459	0.9864	0.8327	0.9450
79.1	0.9916	0.9906	0.9648	0.9731	0.9143	0.9886	0.8460	0.9235
79.2	0.9904	0.9919	0.9655	0.9655	0.9466	0.9919	0.8932	0.9232
79.3	0.9917	0.9930	0.9670	0.9698	0.9630	0.9906	0.9244	0.9053
79.4	0.9934	0.9919	0.9706	0.9701	0.9713	0.9894	0.9167	0.8869
79.5	0.9906	0.9917	0.9753	0.9635	0.9727	0.9854	0.9175	0.8861
79.6	0.9891	0.9910	0.9719	0.9647	0.9700	0.9815	0.8973	0.8125
79.7	0.9925	0.9908	0.9781	0.9670	0.9693	0.9853	0.8934	0.8528
79.8	0.9935	0.9910	0.9765	0.9625	0.9713	0.9878	0.9156	0.8359
79.9	0.9913	0.9898	0.9725	0.9562	0.9713	0.9852	0.8701	0.7387
80.0	0.9928	0.9908	0.9748	0.9489	0.9747	0.9851	0.8859	0.6677

2.2.80 Run 7 – VT270-200 – Accels 9–16

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0171	0.5277	0.1488	0.4927	0.2891	0.1281	0.4060	0.4956
0.1	0.0234	0.0786	0.0054	0.0619	0.0452	0.0043	0.0782	0.0412
0.2	0.0239	0.0090	0.0057	0.0021	0.0082	0.0041	0.0111	0.0038
0.3	0.0213	0.0530	0.0534	0.0040	0.0279	0.0054	0.0550	0.0041
0.4	0.0156	0.0151	0.0397	0.0072	0.0173	0.0786	0.0215	0.0051
0.5	0.0043	0.0588	0.0425	0.0138	0.0089	0.0284	0.0123	0.0664
0.6	0.0205	0.2488	0.0032	0.0181	0.0020	0.0343	0.0265	0.0125
0.7	0.0047	0.3447	0.0154	0.0412	0.0074	0.0387	0.0133	0.0093
0.8	0.0533	0.3473	0.0306	0.0751	0.0044	0.0050	0.0431	0.0914
0.9	0.0774	0.5478	0.0238	0.0122	0.0183	0.0076	0.0206	0.2036
1.0	0.0079	0.7320	0.0360	0.0299	0.1165	0.0158	0.0269	0.3079
1.1	0.0178	0.7306	0.0855	0.0464	0.1476	0.1191	0.0151	0.3781
1.2	0.0286	0.8577	0.0763	0.0117	0.3024	0.0793	0.0084	0.6017
1.3	0.0152	0.9072	0.1033	0.0199	0.5962	0.0905	0.0068	0.7003
1.4	0.0111	0.9079	0.2438	0.0287	0.6929	0.1778	0.0807	0.7507
1.5	0.0408	0.9360	0.4075	0.0151	0.7927	0.1144	0.0231	0.8116
1.6	0.1097	0.9509	0.5661	0.0630	0.8165	0.3046	0.0614	0.8465
1.7	0.1192	0.9546	0.6048	0.1615	0.8491	0.4176	0.1220	0.8526
1.8	0.1553	0.9460	0.6572	0.4800	0.8113	0.3205	0.5783	0.8795
1.9	0.5035	0.9514	0.8097	0.7048	0.8747	0.5183	0.6275	0.9209
2.0	0.7033	0.9770	0.8787	0.7719	0.9414	0.7697	0.7755	0.9559
2.1	0.5386	0.9679	0.9038	0.5537	0.9561	0.8189	0.5256	0.9770
2.2	0.4724	0.8993	0.8310	0.4460	0.9608	0.8602	0.4443	0.9678
2.3	0.3482	0.7643	0.4729	0.2083	0.8530	0.4920	0.2514	0.8413
2.4	0.2261	0.5032	0.3332	0.0994	0.6117	0.3372	0.1254	0.5892
2.5	0.4315	0.2251	0.3219	0.3479	0.3813	0.3205	0.4031	0.3502
2.6	0.6512	0.6847	0.7811	0.7569	0.8886	0.7824	0.7825	0.8692
2.7	0.6041	0.9524	0.9219	0.6560	0.9384	0.9111	0.6886	0.9611
2.8	0.5394	0.9745	0.9163	0.6365	0.9585	0.8762	0.6370	0.9628
2.9	0.4566	0.9820	0.9290	0.5835	0.9661	0.8705	0.5764	0.9689
3.0	0.3436	0.9845	0.9059	0.4089	0.9694	0.8427	0.4499	0.9796
3.1	0.3789	0.9893	0.8632	0.2934	0.9646	0.7812	0.4335	0.9803
3.2	0.4354	0.9913	0.8502	0.2569	0.9717	0.7804	0.4654	0.9832
3.3	0.2810	0.9874	0.8129	0.3318	0.9698	0.7595	0.3746	0.9792
3.4	0.1234	0.9877	0.8119	0.1194	0.9678	0.6667	0.1647	0.9791
3.5	0.1061	0.9828	0.7105	0.0672	0.9562	0.6702	0.0094	0.9686
3.6	0.0585	0.9560	0.5527	0.1298	0.9078	0.3779	0.0083	0.9098
3.7	0.4277	0.9833	0.6063	0.4313	0.9643	0.5104	0.3481	0.9721
3.8	0.8274	0.9980	0.9126	0.8330	0.9941	0.8903	0.8131	0.9955
3.9	0.9460	0.9988	0.9793	0.9020	0.9977	0.9661	0.9283	0.9981
4.0	0.9569	0.9992	0.9851	0.9368	0.9986	0.9764	0.9446	0.9983
4.1	0.9341	0.9989	0.9818	0.9148	0.9978	0.9713	0.9208	0.9979
4.2	0.8945	0.9985	0.9698	0.8597	0.9974	0.9547	0.8865	0.9979
4.3	0.8695	0.9979	0.9527	0.8018	0.9971	0.9321	0.8906	0.9966
4.4	0.8094	0.9978	0.9173	0.7313	0.9951	0.8741	0.8176	0.9958
4.5	0.8276	0.9977	0.8575	0.7376	0.9961	0.7408	0.7665	0.9965
4.6	0.8005	0.9970	0.7905	0.6592	0.9941	0.6590	0.6810	0.9953
4.7	0.6698	0.9945	0.5396	0.5719	0.9903	0.4473	0.5902	0.9918
4.8	0.8860	0.9953	0.7865	0.8447	0.9941	0.7334	0.8689	0.9956
4.9	0.8628	0.9908	0.8113	0.8544	0.9877	0.7336	0.8614	0.9889
5.0	0.7767	0.9933	0.6298	0.6662	0.9925	0.4580	0.6924	0.9916
5.1	0.8782	0.9985	0.7257	0.8041	0.9965	0.6455	0.8120	0.9965
5.2	0.8524	0.9976	0.7947	0.7068	0.9944	0.7059	0.7882	0.9947
5.3	0.6129	0.9926	0.6607	0.2944	0.9891	0.5759	0.5068	0.9897
5.4	0.3289	0.9875	0.0984	0.0495	0.9785	0.2129	0.1064	0.9788
5.5	0.6714	0.9955	0.2912	0.3144	0.9917	0.2728	0.4342	0.9927
5.6	0.8451	0.9984	0.7276	0.6203	0.9964	0.6711	0.7535	0.9965
5.7	0.9326	0.9991	0.8954	0.8398	0.9964	0.8263	0.8889	0.9968
5.8	0.9771	0.9991	0.9394	0.9488	0.9973	0.9024	0.9614	0.9974
5.9	0.9867	0.9994	0.9707	0.9653	0.9978	0.9595	0.9763	0.9979
6.0	0.9872	0.9988	0.9817	0.9496	0.9961	0.9726	0.9691	0.9961
6.1	0.9904	0.9974	0.9749	0.9419	0.9918	0.9469	0.9684	0.9918
6.2	0.9930	0.9982	0.9760	0.9554	0.9941	0.9516	0.9788	0.9942
6.3	0.9908	0.9977	0.9763	0.9626	0.9920	0.9539	0.9841	0.9922
6.4	0.9930	0.9973	0.9757	0.9532	0.9904	0.9603	0.9862	0.9906
6.5	0.9937	0.9975	0.9809	0.9456	0.9917	0.9696	0.9848	0.9919
6.6	0.9907	0.9965	0.9661	0.9151	0.9886	0.9462	0.9755	0.9889
6.7	0.9860	0.9945	0.9620	0.9274	0.9817	0.9417	0.9735	0.9821
6.8	0.9851	0.9925	0.9710	0.9435	0.9788	0.9539	0.9775	0.9790
6.9	0.9787	0.9865	0.9665	0.9553	0.9664	0.9541	0.9772	0.9669
7.0	0.9489	0.9576	0.9238	0.8585	0.9172	0.9072	0.9498	0.9181
7.1	0.9440	0.9471	0.9184	0.7315	0.9180	0.9025	0.9034	0.9186
7.2	0.9495	0.9368	0.9078	0.8309	0.9278	0.8847	0.7516	0.9280
7.3	0.9703	0.9626	0.9599	0.8931	0.9686	0.9486	0.8325	0.9685
7.4	0.9115	0.8846	0.9327	0.9150	0.9402	0.9263	0.8383	0.9400
7.5	0.9025	0.8226	0.9449	0.9689	0.9574	0.9320	0.8214	0.9570
7.6	0.8722	0.7131	0.9472	0.9924	0.9716	0.9378	0.8903	0.9711
7.7	0.9590	0.9353	0.9532	0.9969	0.9948	0.9355	0.9837	0.9946
7.8	0.9771	0.9764	0.9515	0.9961	0.9981	0.9289	0.9880	0.9980
7.9	0.9544	0.9733	0.9620	0.9925	0.9967	0.9461	0.9696	0.9967

8.0	0.9044	0.9603	0.9610	0.9871	0.9953	0.9503	0.9456	0.9952
8.1	0.9256	0.9835	0.9517	0.9935	0.9982	0.9387	0.9812	0.9981
8.2	0.9068	0.9840	0.9638	0.9980	0.9981	0.9538	0.9933	0.9980
8.3	0.8339	0.9864	0.9676	0.9980	0.9985	0.9594	0.9937	0.9984
8.4	0.4880	0.9877	0.9541	0.9971	0.9988	0.9394	0.9917	0.9988
8.5	0.0846	0.9910	0.9499	0.9970	0.9991	0.9399	0.9928	0.9991
8.6	0.4206	0.9943	0.9716	0.9969	0.9993	0.9651	0.9940	0.9993
8.7	0.7022	0.9925	0.9700	0.9968	0.9986	0.9654	0.9941	0.9986
8.8	0.7770	0.9816	0.9642	0.9973	0.9965	0.9596	0.9942	0.9963
8.9	0.8905	0.9765	0.9715	0.9982	0.9951	0.9701	0.9967	0.9948
9.0	0.9220	0.9723	0.9582	0.9981	0.9912	0.9557	0.9965	0.9906
9.1	0.9425	0.9688	0.9517	0.9962	0.9852	0.9493	0.9954	0.9846
9.2	0.8996	0.9202	0.9316	0.9954	0.9634	0.9338	0.9964	0.9616
9.3	0.9157	0.9300	0.8947	0.9968	0.9383	0.9028	0.9948	0.9357
9.4	0.9507	0.9609	0.9114	0.9971	0.9354	0.9129	0.9957	0.9335
9.5	0.9817	0.9857	0.9456	0.9968	0.9566	0.9442	0.9965	0.9559
9.6	0.9842	0.9913	0.9380	0.9956	0.9436	0.9319	0.9960	0.9445
9.7	0.9913	0.9962	0.9386	0.9957	0.9453	0.9230	0.9972	0.9487
9.8	0.9926	0.9985	0.9558	0.9965	0.9508	0.9404	0.9972	0.9563
9.9	0.9941	0.9994	0.9693	0.9965	0.9624	0.9401	0.9979	0.9683
10.0	0.9922	0.9995	0.9516	0.9917	0.9501	0.8994	0.9974	0.9581
10.1	0.9920	0.9995	0.9595	0.9967	0.9414	0.9062	0.9978	0.9493
10.2	0.9927	0.9994	0.9703	0.9973	0.9445	0.9296	0.9975	0.9372
10.3	0.9928	0.9993	0.9735	0.9981	0.9730	0.9156	0.9983	0.9448
10.4	0.9941	0.9993	0.9742	0.9985	0.9782	0.9210	0.9986	0.9411
10.5	0.9954	0.9992	0.9740	0.9979	0.9843	0.9249	0.9976	0.9389
10.6	0.9957	0.9991	0.9755	0.9976	0.9865	0.9110	0.9977	0.9023
10.7	0.9924	0.9992	0.9713	0.9980	0.9849	0.8645	0.9978	0.8592
10.8	0.9945	0.9989	0.9710	0.9977	0.9899	0.8162	0.9977	0.9214
10.9	0.9960	0.9991	0.9718	0.9977	0.9938	0.7193	0.9982	0.9545
11.0	0.9976	0.9991	0.9745	0.9979	0.9957	0.6736	0.9980	0.9741
11.1	0.9971	0.9983	0.9718	0.9970	0.9962	0.6129	0.9970	0.9833
11.2	0.9978	0.9990	0.9737	0.9981	0.9975	0.7460	0.9980	0.9859
11.3	0.9973	0.9981	0.9752	0.9972	0.9968	0.7848	0.9973	0.9826
11.4	0.9974	0.9977	0.9771	0.9975	0.9970	0.8615	0.9976	0.9894
11.5	0.9984	0.9985	0.9750	0.9978	0.9980	0.8781	0.9978	0.9899
11.6	0.9977	0.9978	0.9774	0.9962	0.9970	0.8973	0.9960	0.9863
11.7	0.9978	0.9972	0.9793	0.9950	0.9974	0.9126	0.9951	0.9850
11.8	0.9972	0.9968	0.9669	0.9940	0.9971	0.9094	0.9940	0.9754
11.9	0.9971	0.9960	0.9703	0.9924	0.9968	0.9478	0.9924	0.9664
12.0	0.9975	0.9960	0.9761	0.9928	0.9970	0.9618	0.9928	0.9698
12.1	0.9977	0.9972	0.9844	0.9939	0.9978	0.9645	0.9941	0.9690
12.2	0.9968	0.9965	0.9832	0.9938	0.9971	0.9694	0.9939	0.9632
12.3	0.9956	0.9954	0.9774	0.9924	0.9963	0.9687	0.9922	0.9552
12.4	0.9927	0.9941	0.9712	0.9893	0.9957	0.9661	0.9893	0.9475
12.5	0.9879	0.9923	0.9710	0.9879	0.9940	0.9636	0.9879	0.9516
12.6	0.9859	0.9938	0.9703	0.9900	0.9943	0.9644	0.9899	0.9693
12.7	0.9825	0.9923	0.9715	0.9912	0.9929	0.9691	0.9913	0.9780
12.8	0.9832	0.9925	0.9645	0.9927	0.9932	0.9703	0.9926	0.9829
12.9	0.9827	0.9911	0.9738	0.9974	0.9924	0.9741	0.9974	0.9818
13.0	0.9842	0.9889	0.9817	0.9978	0.9891	0.9781	0.9979	0.9808
13.1	0.9784	0.9815	0.9801	0.9944	0.9826	0.9779	0.9946	0.9795
13.2	0.9847	0.9848	0.9778	0.9915	0.9843	0.9756	0.9915	0.9853
13.3	0.9643	0.9643	0.9545	0.9745	0.9640	0.9424	0.9745	0.9668
13.4	0.9602	0.9603	0.9217	0.9676	0.9596	0.9284	0.9678	0.9657
13.5	0.9353	0.9353	0.8725	0.9469	0.9297	0.8328	0.9471	0.9554
13.6	0.9312	0.9335	0.9192	0.9461	0.9284	0.7744	0.9463	0.9510
13.7	0.9420	0.9443	0.9362	0.9544	0.9380	0.7548	0.9549	0.9451
13.8	0.9657	0.9686	0.9694	0.9745	0.9663	0.8700	0.9746	0.9286
13.9	0.9740	0.9755	0.9714	0.9823	0.9708	0.8984	0.9824	0.9250
14.0	0.9845	0.9837	0.9698	0.9900	0.9766	0.9159	0.9902	0.9280
14.1	0.9849	0.9759	0.9421	0.9909	0.9573	0.8884	0.9913	0.9139
14.2	0.9892	0.9677	0.9351	0.9943	0.9412	0.9060	0.9947	0.9316
14.3	0.9948	0.9638	0.9449	0.9973	0.9391	0.9370	0.9977	0.9564
14.4	0.9959	0.9503	0.9372	0.9976	0.9172	0.9387	0.9977	0.9618
14.5	0.9958	0.9542	0.9586	0.9974	0.9352	0.9647	0.9973	0.9791
14.6	0.9931	0.9401	0.9341	0.9969	0.8736	0.9504	0.9967	0.9713
14.7	0.9916	0.9732	0.9493	0.9980	0.8820	0.9659	0.9979	0.9811
14.8	0.9927	0.9867	0.9656	0.9984	0.9057	0.9790	0.9985	0.9887
14.9	0.9895	0.9908	0.9592	0.9968	0.8811	0.9770	0.9968	0.9886
15.0	0.9912	0.9911	0.9398	0.9945	0.8365	0.9651	0.9946	0.9898
15.1	0.9974	0.9956	0.9543	0.9956	0.8791	0.9701	0.9957	0.9953
15.2	0.9985	0.9974	0.9678	0.9978	0.9034	0.9790	0.9979	0.9974
15.3	0.9981	0.9961	0.9666	0.9982	0.8679	0.9797	0.9983	0.9969
15.4	0.9984	0.9970	0.9739	0.9990	0.8735	0.9864	0.9990	0.9975
15.5	0.9983	0.9981	0.9807	0.9991	0.8989	0.9914	0.9990	0.9976
15.6	0.9977	0.9975	0.9780	0.9988	0.8708	0.9885	0.9987	0.9965
15.7	0.9982	0.9980	0.9843	0.9992	0.8903	0.9926	0.9991	0.9977
15.8	0.9982	0.9982	0.9887	0.9993	0.9041	0.9958	0.9993	0.9978
15.9	0.9976	0.9987	0.9871	0.9992	0.8776	0.9953	0.9992	0.9974
16.0	0.9983	0.9989	0.9891	0.9994	0.8632	0.9963	0.9994	0.9975
16.1	0.9982	0.9989	0.9923	0.9994	0.8344	0.9967	0.9994	0.9971
16.2	0.9984	0.9986	0.9881	0.9991	0.8202	0.9953	0.9991	0.9972
16.3	0.9980	0.9985	0.9879	0.9988	0.8465	0.9939	0.9988	0.9973
16.4	0.9975	0.9984	0.9868	0.9990	0.8744	0.9948	0.9989	0.9975
16.5	0.9981	0.9991	0.9905	0.9988	0.8896	0.9959	0.9987	0.9976

16.6	0.9980	0.9993	0.9926	0.9988	0.9194	0.9972	0.9988	0.9981
16.7	0.9947	0.9991	0.9872	0.9984	0.9207	0.9959	0.9983	0.9965
16.8	0.9920	0.9989	0.9895	0.9992	0.9439	0.9954	0.9991	0.9972
16.9	0.9919	0.9984	0.9903	0.9995	0.9345	0.9945	0.9994	0.9968
17.0	0.9922	0.9991	0.9888	0.9993	0.9408	0.9937	0.9993	0.9969
17.1	0.9794	0.9988	0.9870	0.9993	0.9249	0.9939	0.9993	0.9966
17.2	0.9885	0.9984	0.9887	0.9994	0.9428	0.9953	0.9994	0.9965
17.3	0.9946	0.9992	0.9930	0.9995	0.9627	0.9973	0.9995	0.9977
17.4	0.9873	0.9991	0.9884	0.9993	0.8769	0.9947	0.9992	0.9959
17.5	0.9921	0.9992	0.9855	0.9995	0.8877	0.9939	0.9994	0.9954
17.6	0.9957	0.9990	0.9905	0.9993	0.9480	0.9954	0.9993	0.9970
17.7	0.9927	0.9992	0.9890	0.9993	0.9367	0.9959	0.9993	0.9969
17.8	0.9877	0.9989	0.9862	0.9993	0.9359	0.9940	0.9993	0.9957
17.9	0.9835	0.9990	0.9875	0.9994	0.9551	0.9948	0.9995	0.9961
18.0	0.9843	0.9992	0.9790	0.9994	0.9316	0.9926	0.9994	0.9942
18.1	0.9879	0.9995	0.9809	0.9992	0.9500	0.9941	0.9992	0.9961
18.2	0.9855	0.9992	0.9726	0.9990	0.9032	0.9919	0.9992	0.9931
18.3	0.9859	0.9994	0.9695	0.9993	0.8945	0.9908	0.9994	0.9921
18.4	0.9785	0.9993	0.9273	0.9993	0.8264	0.9803	0.9993	0.9837
18.5	0.9663	0.9984	0.4026	0.9986	0.5670	0.8968	0.9986	0.8974
18.6	0.9643	0.9977	0.3723	0.9980	0.5638	0.9077	0.9978	0.9027
18.7	0.9465	0.9987	0.8341	0.9986	0.7351	0.9685	0.9985	0.9642
18.8	0.9591	0.9994	0.9704	0.9988	0.9019	0.9940	0.9989	0.9935
18.9	0.9755	0.9996	0.9808	0.9988	0.9162	0.9961	0.9989	0.9964
19.0	0.9581	0.9994	0.9803	0.9985	0.9304	0.9956	0.9985	0.9971
19.1	0.9656	0.9994	0.9839	0.9982	0.9422	0.9961	0.9984	0.9975
19.2	0.9763	0.9995	0.9798	0.9983	0.9234	0.9975	0.9984	0.9973
19.3	0.9811	0.9996	0.9829	0.9988	0.9335	0.9976	0.9988	0.9977
19.4	0.9835	0.9997	0.9802	0.9983	0.9422	0.9967	0.9984	0.9973
19.5	0.9787	0.9995	0.9757	0.9972	0.9085	0.9955	0.9973	0.9952
19.6	0.9760	0.9995	0.9773	0.9973	0.9124	0.9956	0.9974	0.9951
19.7	0.9809	0.9995	0.9741	0.9969	0.9303	0.9953	0.9970	0.9960
19.8	0.9859	0.9994	0.9666	0.9968	0.9350	0.9950	0.9969	0.9960
19.9	0.9838	0.9994	0.9589	0.9962	0.9414	0.9949	0.9964	0.9959
20.0	0.9834	0.9996	0.9669	0.9961	0.9545	0.9931	0.9961	0.9965
20.1	0.9896	0.9996	0.9631	0.9971	0.9735	0.9935	0.9970	0.9956
20.2	0.9895	0.9996	0.9691	0.9964	0.9758	0.9951	0.9965	0.9956
20.3	0.9888	0.9996	0.9623	0.9952	0.9733	0.9941	0.9953	0.9942
20.4	0.9852	0.9994	0.9298	0.9940	0.9657	0.9907	0.9940	0.9925
20.5	0.9857	0.9993	0.9538	0.9933	0.9696	0.9870	0.9932	0.9884
20.6	0.9821	0.9994	0.9376	0.9905	0.9677	0.9862	0.9905	0.9873
20.7	0.9871	0.9993	0.9440	0.9917	0.9729	0.9849	0.9917	0.9862
20.8	0.9863	0.9992	0.9621	0.9903	0.9760	0.9841	0.9902	0.9886
20.9	0.9863	0.9993	0.9688	0.9893	0.9778	0.9785	0.9891	0.9885
21.0	0.9854	0.9994	0.9753	0.9885	0.9812	0.9769	0.9884	0.9814
21.1	0.9799	0.9992	0.9715	0.9828	0.9796	0.9540	0.9827	0.9705
21.2	0.9856	0.9993	0.9779	0.9842	0.9836	0.9369	0.9841	0.9641
21.3	0.9855	0.9991	0.9712	0.9827	0.9822	0.9068	0.9826	0.9584
21.4	0.9797	0.9992	0.9699	0.9761	0.9741	0.8901	0.9758	0.9576
21.5	0.9835	0.9993	0.9761	0.9787	0.9809	0.9175	0.9779	0.9756
21.6	0.9849	0.9994	0.9754	0.9801	0.9797	0.9306	0.9796	0.9765
21.7	0.9797	0.9991	0.9705	0.9706	0.9733	0.9098	0.9698	0.9640
21.8	0.9782	0.9989	0.9587	0.9697	0.9587	0.9158	0.9690	0.9647
21.9	0.9792	0.9989	0.9526	0.9715	0.9537	0.9395	0.9710	0.9698
22.0	0.9852	0.9991	0.9676	0.9808	0.9662	0.9625	0.9804	0.9783
22.1	0.9827	0.9991	0.9757	0.9810	0.9709	0.9791	0.9808	0.9875
22.2	0.9799	0.9990	0.9820	0.9754	0.9763	0.9773	0.9751	0.9887
22.3	0.9811	0.9990	0.9825	0.9773	0.9796	0.9786	0.9769	0.9880
22.4	0.9762	0.9983	0.9843	0.9714	0.9761	0.9750	0.9711	0.9886
22.5	0.9875	0.9989	0.9893	0.9851	0.9853	0.9857	0.9849	0.9932
22.6	0.9862	0.9988	0.9916	0.9816	0.9872	0.9813	0.9815	0.9910
22.7	0.9854	0.9987	0.9922	0.9803	0.9858	0.9807	0.9802	0.9908
22.8	0.9859	0.9985	0.9930	0.9791	0.9873	0.9703	0.9788	0.9845
22.9	0.9902	0.9990	0.9951	0.9839	0.9912	0.9698	0.9838	0.9852
23.0	0.9880	0.9988	0.9908	0.9799	0.9878	0.9506	0.9797	0.9771
23.1	0.9910	0.9988	0.9895	0.9851	0.9875	0.9571	0.9850	0.9831
23.2	0.9900	0.9988	0.9902	0.9818	0.9862	0.9379	0.9814	0.9829
23.3	0.9932	0.9992	0.9925	0.9869	0.9897	0.9467	0.9867	0.9869
23.4	0.9935	0.9993	0.9946	0.9855	0.9920	0.9330	0.9853	0.9896
23.5	0.9964	0.9995	0.9958	0.9906	0.9946	0.9475	0.9905	0.9933
23.6	0.9974	0.9997	0.9960	0.9941	0.9938	0.9679	0.9940	0.9953
23.7	0.9975	0.9997	0.9954	0.9933	0.9937	0.9589	0.9933	0.9948
23.8	0.9975	0.9995	0.9963	0.9931	0.9904	0.9545	0.9929	0.9943
23.9	0.9981	0.9997	0.9970	0.9943	0.9924	0.9710	0.9942	0.9963
24.0	0.9981	0.9996	0.9956	0.9958	0.9915	0.9769	0.9958	0.9966
24.1	0.9979	0.9997	0.9942	0.9958	0.9897	0.9730	0.9957	0.9964
24.2	0.9982	0.9997	0.9956	0.9954	0.9918	0.9760	0.9953	0.9972
24.3	0.9984	0.9997	0.9964	0.9946	0.9915	0.9759	0.9943	0.9968
24.4	0.9985	0.9996	0.9940	0.9958	0.9859	0.9734	0.9956	0.9952
24.5	0.9988	0.9997	0.9937	0.9950	0.9846	0.9729	0.9949	0.9952
24.6	0.9988	0.9997	0.9935	0.9954	0.9866	0.9826	0.9952	0.9966
24.7	0.9990	0.9997	0.9939	0.9963	0.9893	0.9853	0.9959	0.9965
24.8	0.9989	0.9997	0.9967	0.9973	0.9925	0.9914	0.9971	0.9979
24.9	0.9985	0.9996	0.9967	0.9969	0.9919	0.9932	0.9967	0.9981
25.0	0.9982	0.9995	0.9965	0.9959	0.9873	0.9937	0.9956	0.9982
25.1	0.9986	0.9996	0.9962	0.9972	0.9894	0.9946	0.9970	0.9984

25.2	0.9986	0.9996	0.9979	0.9971	0.9932	0.9956	0.9969	0.9984
25.3	0.9984	0.9996	0.9978	0.9970	0.9901	0.9962	0.9970	0.9986
25.4	0.9977	0.9994	0.9966	0.9966	0.9803	0.9961	0.9961	0.9982
25.5	0.9984	0.9997	0.9973	0.9974	0.9901	0.9966	0.9971	0.9985
25.6	0.9979	0.9994	0.9949	0.9963	0.9817	0.9927	0.9957	0.9973
25.7	0.9975	0.9992	0.9940	0.9955	0.9769	0.9925	0.9951	0.9975
25.8	0.9974	0.9991	0.9963	0.9959	0.9752	0.9952	0.9953	0.9980
25.9	0.9979	0.9994	0.9957	0.9965	0.9767	0.9942	0.9958	0.9985
26.0	0.9975	0.9994	0.9955	0.9951	0.9820	0.9950	0.9947	0.9982
26.1	0.9969	0.9993	0.9969	0.9952	0.9865	0.9968	0.9951	0.9986
26.2	0.9938	0.9993	0.9960	0.9945	0.9857	0.9948	0.9937	0.9975
26.3	0.9949	0.9993	0.9968	0.9951	0.9869	0.9962	0.9944	0.9984
26.4	0.9941	0.9992	0.9970	0.9942	0.9897	0.9972	0.9938	0.9988
26.5	0.9924	0.9988	0.9966	0.9940	0.9883	0.9966	0.9932	0.9986
26.6	0.9883	0.9989	0.9972	0.9931	0.9903	0.9967	0.9914	0.9984
26.7	0.9882	0.9990	0.9977	0.9922	0.9934	0.9972	0.9910	0.9988
26.8	0.9861	0.9988	0.9973	0.9913	0.9936	0.9971	0.9905	0.9987
26.9	0.9814	0.9988	0.9975	0.9892	0.9953	0.9975	0.9875	0.9984
27.0	0.9829	0.9988	0.9977	0.9880	0.9957	0.9978	0.9848	0.9984
27.1	0.9840	0.9989	0.9979	0.9877	0.9962	0.9985	0.9853	0.9990
27.2	0.9876	0.9991	0.9978	0.9863	0.9965	0.9981	0.9839	0.9991
27.3	0.9815	0.9988	0.9971	0.9816	0.9943	0.9969	0.9770	0.9988
27.4	0.9778	0.9985	0.9964	0.9775	0.9931	0.9964	0.9744	0.9986
27.5	0.9772	0.9986	0.9963	0.9745	0.9938	0.9958	0.9704	0.9981
27.6	0.9862	0.9988	0.9958	0.9809	0.9938	0.9964	0.9772	0.9980
27.7	0.9922	0.9991	0.9978	0.9870	0.9967	0.9978	0.9856	0.9986
27.8	0.9932	0.9993	0.9974	0.9875	0.9959	0.9973	0.9874	0.9988
27.9	0.9940	0.9993	0.9949	0.9869	0.9938	0.9948	0.9869	0.9973
28.0	0.9949	0.9992	0.9948	0.9887	0.9927	0.9950	0.9887	0.9965
28.1	0.9957	0.9993	0.9951	0.9889	0.9936	0.9958	0.9874	0.9963
28.2	0.9955	0.9994	0.9945	0.9905	0.9944	0.9950	0.9891	0.9955
28.3	0.9952	0.9992	0.9940	0.9881	0.9941	0.9934	0.9877	0.9944
28.4	0.9965	0.9994	0.9960	0.9879	0.9953	0.9952	0.9865	0.9943
28.5	0.9982	0.9996	0.9967	0.9938	0.9965	0.9964	0.9935	0.9961
28.6	0.9981	0.9996	0.9959	0.9945	0.9958	0.9954	0.9940	0.9958
28.7	0.9972	0.9994	0.9944	0.9925	0.9951	0.9935	0.9897	0.9943
28.8	0.9971	0.9996	0.9939	0.9923	0.9946	0.9939	0.9903	0.9945
28.9	0.9973	0.9996	0.9929	0.9922	0.9940	0.9936	0.9904	0.9939
29.0	0.9967	0.9996	0.9917	0.9905	0.9929	0.9925	0.9898	0.9941
29.1	0.9979	0.9997	0.9923	0.9930	0.9930	0.9932	0.9921	0.9942
29.2	0.9978	0.9996	0.9915	0.9941	0.9925	0.9917	0.9924	0.9933
29.3	0.9967	0.9996	0.9930	0.9942	0.9929	0.9930	0.9931	0.9947
29.4	0.9977	0.9996	0.9913	0.9952	0.9915	0.9914	0.9936	0.9936
29.5	0.9983	0.9997	0.9911	0.9951	0.9914	0.9922	0.9931	0.9937
29.6	0.9980	0.9997	0.9883	0.9944	0.9893	0.9903	0.9928	0.9926
29.7	0.9980	0.9997	0.9861	0.9916	0.9860	0.9887	0.9881	0.9915
29.8	0.9983	0.9997	0.9887	0.9931	0.9890	0.9908	0.9911	0.9931
29.9	0.9958	0.9996	0.9860	0.9876	0.9830	0.9894	0.9858	0.9897
30.0	0.9962	0.9996	0.9842	0.9861	0.9817	0.9890	0.9846	0.9903
30.1	0.9975	0.9997	0.9849	0.9851	0.9828	0.9888	0.9822	0.9926
30.2	0.9972	0.9996	0.9850	0.9860	0.9813	0.9893	0.9845	0.9931
30.3	0.9974	0.9996	0.9874	0.9864	0.9832	0.9916	0.9846	0.9945
30.4	0.9975	0.9997	0.9898	0.9858	0.9860	0.9942	0.9847	0.9957
30.5	0.9969	0.9997	0.9895	0.9828	0.9857	0.9947	0.9829	0.9961
30.6	0.9965	0.9997	0.9881	0.9845	0.9859	0.9953	0.9864	0.9963
30.7	0.9972	0.9997	0.9883	0.9758	0.9844	0.9951	0.9791	0.9971
30.8	0.9956	0.9995	0.9836	0.9593	0.9765	0.9924	0.9664	0.9962
30.9	0.9956	0.9995	0.9868	0.9646	0.9783	0.9929	0.9703	0.9964
31.0	0.9959	0.9996	0.9844	0.9479	0.9771	0.9909	0.9585	0.9965
31.1	0.9938	0.9996	0.9867	0.9327	0.9810	0.9918	0.9486	0.9974
31.2	0.9967	0.9997	0.9878	0.9506	0.9786	0.9947	0.9595	0.9982
31.3	0.9953	0.9996	0.9828	0.9435	0.9719	0.9926	0.9559	0.9978
31.4	0.9941	0.9995	0.9747	0.9410	0.9568	0.9906	0.9492	0.9977
31.5	0.9924	0.9995	0.9560	0.9114	0.9154	0.9867	0.9222	0.9968
31.6	0.9908	0.9994	0.9568	0.9167	0.9162	0.9859	0.9255	0.9972
31.7	0.9925	0.9995	0.9371	0.9378	0.9179	0.9882	0.9439	0.9979
31.8	0.9915	0.9996	0.8790	0.9475	0.9093	0.9901	0.9529	0.9979
31.9	0.9921	0.9996	0.8151	0.9418	0.8757	0.9870	0.9461	0.9981
32.0	0.9908	0.9995	0.8420	0.9413	0.8370	0.9836	0.9448	0.9975
32.1	0.9894	0.9994	0.8434	0.9434	0.8563	0.9821	0.9457	0.9972
32.2	0.9906	0.9995	0.9048	0.9560	0.8861	0.9824	0.9578	0.9972
32.3	0.9898	0.9995	0.9138	0.9542	0.8957	0.9788	0.9566	0.9960
32.4	0.9886	0.9995	0.9255	0.9415	0.9323	0.9689	0.9427	0.9949
32.5	0.9858	0.9994	0.9471	0.9408	0.9190	0.9586	0.9410	0.9942
32.6	0.9877	0.9996	0.9523	0.9450	0.9401	0.9569	0.9444	0.9939
32.7	0.9896	0.9995	0.9643	0.9502	0.9636	0.9513	0.9477	0.9926
32.8	0.9923	0.9995	0.9747	0.9519	0.9726	0.9481	0.9476	0.9950
32.9	0.9923	0.9996	0.9794	0.9548	0.9789	0.9518	0.9506	0.9921
33.0	0.9911	0.9996	0.9814	0.9448	0.9806	0.9454	0.9388	0.9912
33.1	0.9927	0.9995	0.9834	0.9585	0.9855	0.9610	0.9525	0.9915
33.2	0.9939	0.9995	0.9858	0.9607	0.9874	0.9733	0.9561	0.9925
33.3	0.9937	0.9995	0.9870	0.9630	0.9890	0.9832	0.9581	0.9948
33.4	0.9909	0.9993	0.9869	0.9548	0.9874	0.9774	0.9458	0.9936
33.5	0.9900	0.9993	0.9878	0.9529	0.9888	0.9846	0.9435	0.9947
33.6	0.9909	0.9994	0.9902	0.9597	0.9904	0.9880	0.9529	0.9948
33.7	0.9954	0.9996	0.9925	0.9660	0.9923	0.9922	0.9595	0.9958

33.8	0.9942	0.9995	0.9892	0.9601	0.9874	0.9932	0.9504	0.9966
33.9	0.9937	0.9995	0.9939	0.9666	0.9913	0.9912	0.9572	0.9959
34.0	0.9928	0.9996	0.9943	0.9608	0.9893	0.9918	0.9503	0.9952
34.1	0.9925	0.9996	0.9922	0.9550	0.9880	0.9922	0.9430	0.9954
34.2	0.9932	0.9995	0.9920	0.9551	0.9881	0.9916	0.9429	0.9963
34.3	0.9942	0.9995	0.9935	0.9501	0.9901	0.9929	0.9332	0.9959
34.4	0.9935	0.9995	0.9937	0.9486	0.9918	0.9925	0.9363	0.9948
34.5	0.9928	0.9995	0.9933	0.9373	0.9897	0.9904	0.9185	0.9933
34.6	0.9918	0.9994	0.9918	0.9477	0.9878	0.9897	0.9247	0.9921
34.7	0.9931	0.9993	0.9928	0.9629	0.9901	0.9901	0.9400	0.9934
34.8	0.9946	0.9995	0.9952	0.9597	0.9921	0.9925	0.9324	0.9933
34.9	0.9949	0.9995	0.9940	0.9661	0.9907	0.9916	0.9453	0.9931
35.0	0.9952	0.9996	0.9952	0.9646	0.9933	0.9922	0.9439	0.9947
35.1	0.9961	0.9997	0.9966	0.9717	0.9931	0.9950	0.9551	0.9962
35.2	0.9966	0.9996	0.9960	0.9717	0.9902	0.9950	0.9487	0.9960
35.3	0.9961	0.9994	0.9948	0.9632	0.9903	0.9936	0.9283	0.9944
35.4	0.9948	0.9992	0.9911	0.9633	0.9862	0.9897	0.9307	0.9927
35.5	0.9950	0.9994	0.9916	0.9699	0.9899	0.9924	0.9451	0.9943
35.6	0.9958	0.9995	0.9915	0.9727	0.9895	0.9921	0.9545	0.9940
35.7	0.9962	0.9995	0.9925	0.9802	0.9891	0.9934	0.9586	0.9946
35.8	0.9951	0.9993	0.9916	0.9792	0.9857	0.9936	0.9628	0.9928
35.9	0.9955	0.9993	0.9943	0.9802	0.9918	0.9940	0.9683	0.9942
36.0	0.9939	0.9994	0.9955	0.9830	0.9939	0.9952	0.9761	0.9956
36.1	0.9896	0.9990	0.9942	0.9797	0.9928	0.9944	0.9717	0.9945
36.2	0.9926	0.9993	0.9949	0.9839	0.9960	0.9958	0.9775	0.9957
36.3	0.9931	0.9992	0.9956	0.9845	0.9953	0.9955	0.9790	0.9951
36.4	0.9919	0.9991	0.9957	0.9901	0.9935	0.9964	0.9854	0.9962
36.5	0.9950	0.9993	0.9961	0.9927	0.9949	0.9969	0.9862	0.9970
36.6	0.9956	0.9994	0.9962	0.9921	0.9964	0.9962	0.9887	0.9964
36.7	0.9948	0.9993	0.9953	0.9934	0.9965	0.9958	0.9893	0.9967
36.8	0.9954	0.9995	0.9969	0.9946	0.9970	0.9969	0.9906	0.9973
36.9	0.9963	0.9994	0.9970	0.9937	0.9967	0.9967	0.9898	0.9973
37.0	0.9955	0.9992	0.9968	0.9916	0.9962	0.9963	0.9890	0.9967
37.1	0.9969	0.9994	0.9962	0.9926	0.9969	0.9965	0.9878	0.9972
37.2	0.9966	0.9994	0.9957	0.9930	0.9967	0.9960	0.9892	0.9970
37.3	0.9949	0.9990	0.9949	0.9902	0.9966	0.9946	0.9856	0.9964
37.4	0.9947	0.9988	0.9955	0.9889	0.9959	0.9951	0.9797	0.9959
37.5	0.9953	0.9990	0.9944	0.9894	0.9950	0.9947	0.9815	0.9966
37.6	0.9935	0.9985	0.9945	0.9859	0.9938	0.9941	0.9731	0.9955
37.7	0.9930	0.9986	0.9950	0.9856	0.9956	0.9947	0.9729	0.9957
37.8	0.9943	0.9985	0.9947	0.9852	0.9953	0.9946	0.9754	0.9963
37.9	0.9934	0.9987	0.9939	0.9807	0.9915	0.9934	0.9697	0.9943
38.0	0.9944	0.9987	0.9929	0.9725	0.9918	0.9936	0.9514	0.9949
38.1	0.9951	0.9989	0.9942	0.9796	0.9936	0.9947	0.9606	0.9967
38.2	0.9941	0.9988	0.9947	0.9751	0.9921	0.9944	0.9476	0.9970
38.3	0.9942	0.9990	0.9967	0.9754	0.9940	0.9967	0.9403	0.9970
38.4	0.9942	0.9989	0.9963	0.9737	0.9940	0.9963	0.9327	0.9955
38.5	0.9950	0.9990	0.9958	0.9713	0.9922	0.9957	0.9208	0.9963
38.6	0.9948	0.9988	0.9946	0.9564	0.9875	0.9950	0.8721	0.9956
38.7	0.9957	0.9989	0.9956	0.9539	0.9870	0.9959	0.8634	0.9961
38.8	0.9957	0.9987	0.9954	0.9524	0.9839	0.9960	0.8705	0.9967
38.9	0.9963	0.9988	0.9951	0.9456	0.9736	0.9955	0.8875	0.9956
39.0	0.9955	0.9989	0.9949	0.9371	0.9708	0.9957	0.8843	0.9963
39.1	0.9947	0.9986	0.9929	0.9236	0.9462	0.9948	0.8684	0.9945
39.2	0.9958	0.9986	0.9946	0.9367	0.9471	0.9965	0.8999	0.9961
39.3	0.9940	0.9985	0.9940	0.9258	0.9380	0.9968	0.9165	0.9948
39.4	0.9915	0.9985	0.9926	0.8507	0.9430	0.9947	0.8808	0.9956
39.5	0.9922	0.9986	0.9911	0.9032	0.9413	0.9938	0.9092	0.9949
39.6	0.9953	0.9987	0.9928	0.9360	0.9529	0.9956	0.9311	0.9959
39.7	0.9942	0.9987	0.9941	0.9130	0.9496	0.9957	0.8956	0.9960
39.8	0.9944	0.9989	0.9937	0.8814	0.9619	0.9946	0.8851	0.9949
39.9	0.9934	0.9982	0.9924	0.9059	0.9464	0.9943	0.9078	0.9931
40.0	0.9931	0.9984	0.9900	0.9228	0.9327	0.9939	0.9236	0.9930
40.1	0.9938	0.9984	0.9904	0.9380	0.9352	0.9940	0.9274	0.9931
40.2	0.9944	0.9987	0.9915	0.9455	0.9337	0.9948	0.9280	0.9934
40.3	0.9928	0.9985	0.9881	0.9347	0.9138	0.9904	0.9171	0.9911
40.4	0.9942	0.9989	0.9894	0.9434	0.9164	0.9925	0.9425	0.9927
40.5	0.9950	0.9989	0.9901	0.9477	0.9242	0.9928	0.9380	0.9934
40.6	0.9945	0.9990	0.9926	0.9441	0.9146	0.9940	0.9267	0.9910
40.7	0.9921	0.9989	0.9894	0.9312	0.9022	0.9931	0.9144	0.9897
40.8	0.9882	0.9985	0.9852	0.9006	0.8595	0.9869	0.8727	0.9862
40.9	0.9883	0.9986	0.9885	0.9144	0.8546	0.9877	0.8813	0.9878
41.0	0.9886	0.9988	0.9833	0.9061	0.8465	0.9849	0.8781	0.9874
41.1	0.9896	0.9984	0.9830	0.9069	0.8586	0.9893	0.8903	0.9848
41.2	0.9886	0.9979	0.9826	0.8653	0.8058	0.9845	0.8426	0.9712
41.3	0.9914	0.9984	0.9881	0.9069	0.8754	0.9866	0.8818	0.9770
41.4	0.9899	0.9987	0.9901	0.8989	0.8753	0.9871	0.8730	0.9747
41.5	0.9868	0.9988	0.9916	0.9021	0.8747	0.9840	0.8721	0.9748
41.6	0.9836	0.9985	0.9885	0.8788	0.8598	0.9807	0.8352	0.9620
41.7	0.9841	0.9984	0.9858	0.8514	0.8528	0.9799	0.8063	0.9604
41.8	0.9862	0.9986	0.9804	0.8753	0.8775	0.9782	0.8326	0.9626
41.9	0.9863	0.9989	0.9820	0.8581	0.8980	0.9705	0.8019	0.9577
42.0	0.9818	0.9989	0.9856	0.8367	0.9041	0.9694	0.7754	0.9535
42.1	0.9808	0.9987	0.9850	0.8040	0.8969	0.9753	0.7285	0.9480
42.2	0.9713	0.9983	0.9790	0.7672	0.8910	0.9690	0.6811	0.9284
42.3	0.9694	0.9987	0.9748	0.7425	0.9229	0.9689	0.6513	0.9369

42.4	0.9728	0.9989	0.9797	0.8208	0.9296	0.9653	0.7633	0.9491
42.5	0.9705	0.9989	0.9818	0.8718	0.9264	0.9650	0.8254	0.9537
42.6	0.9573	0.9983	0.9725	0.8592	0.8854	0.9618	0.7916	0.9422
42.7	0.9563	0.9983	0.9637	0.7736	0.9017	0.9656	0.6859	0.9347
42.8	0.9564	0.9982	0.9552	0.6973	0.8899	0.9488	0.6062	0.9116
42.9	0.9506	0.9984	0.9535	0.6904	0.8897	0.9435	0.5927	0.9073
43.0	0.9654	0.9986	0.9558	0.7013	0.9344	0.9456	0.6016	0.9327
43.1	0.9575	0.9990	0.9471	0.6816	0.9434	0.9567	0.5787	0.9561
43.2	0.9689	0.9987	0.9514	0.6385	0.9493	0.9553	0.5471	0.9483
43.3	0.9761	0.9989	0.9591	0.6038	0.9273	0.9219	0.5112	0.9222
43.4	0.9702	0.9985	0.9401	0.6121	0.9217	0.8998	0.5171	0.8799
43.5	0.9708	0.9978	0.9443	0.7010	0.9328	0.8916	0.6413	0.8836
43.6	0.9729	0.9981	0.9531	0.8006	0.9474	0.8681	0.7643	0.9248
43.7	0.9769	0.9985	0.9481	0.7362	0.9416	0.9061	0.6937	0.9402
43.8	0.9832	0.9987	0.9496	0.7227	0.9446	0.9229	0.6951	0.9406
43.9	0.9886	0.9987	0.9485	0.7135	0.9625	0.9233	0.6753	0.9600
44.0	0.9780	0.9982	0.9342	0.6607	0.9443	0.8308	0.6003	0.9259
44.1	0.9678	0.9978	0.9202	0.7173	0.9275	0.7080	0.6560	0.7481
44.2	0.9722	0.9978	0.9246	0.7783	0.9389	0.7318	0.7432	0.7943
44.3	0.9805	0.9974	0.8949	0.8253	0.9487	0.6347	0.8065	0.9091
44.4	0.9845	0.9984	0.9156	0.8688	0.9602	0.7510	0.8651	0.9525
44.5	0.9760	0.9979	0.9089	0.8277	0.9109	0.8296	0.8227	0.9373
44.6	0.9766	0.9976	0.8976	0.8237	0.9205	0.7817	0.8216	0.9315
44.7	0.9786	0.9980	0.9133	0.8907	0.9713	0.8125	0.8927	0.9584
44.8	0.9605	0.9978	0.8951	0.8247	0.9579	0.7993	0.8392	0.9423
44.9	0.9868	0.9980	0.8940	0.8296	0.9583	0.8290	0.8504	0.9662
45.0	0.9902	0.9980	0.8597	0.8318	0.9518	0.8046	0.8450	0.9684
45.1	0.9853	0.9979	0.8226	0.7883	0.9441	0.6975	0.8063	0.9554
45.2	0.9794	0.9978	0.8442	0.8338	0.9599	0.7137	0.8461	0.9654
45.3	0.9821	0.9976	0.8504	0.8910	0.9656	0.7957	0.8911	0.9743
45.4	0.9763	0.9976	0.7778	0.9186	0.9560	0.8071	0.9183	0.9702
45.5	0.9676	0.9974	0.7516	0.8835	0.9392	0.7544	0.8839	0.9218
45.6	0.9704	0.9974	0.8299	0.8844	0.9399	0.7583	0.8869	0.9278
45.7	0.9695	0.9979	0.8381	0.8887	0.9245	0.8095	0.8943	0.9473
45.8	0.9578	0.9979	0.8061	0.8903	0.9361	0.8296	0.8972	0.9574
45.9	0.9622	0.9978	0.7113	0.9132	0.9007	0.8569	0.9207	0.9640
46.0	0.9702	0.9982	0.6717	0.9286	0.9303	0.8966	0.9341	0.9750
46.1	0.9652	0.9978	0.5288	0.9146	0.9623	0.9043	0.9226	0.9731
46.2	0.9602	0.9977	0.5930	0.8911	0.9413	0.8835	0.9054	0.9485
46.3	0.9588	0.9981	0.8157	0.9021	0.8594	0.8881	0.9159	0.9443
46.4	0.9596	0.9986	0.8451	0.9491	0.8760	0.9367	0.9564	0.9717
46.5	0.9547	0.9981	0.8257	0.9579	0.9234	0.9468	0.9631	0.9869
46.6	0.9252	0.9971	0.7580	0.9325	0.9093	0.9182	0.9419	0.9799
46.7	0.8996	0.9976	0.7774	0.9357	0.8725	0.9184	0.9455	0.9778
46.8	0.8769	0.9976	0.8232	0.9564	0.8931	0.9339	0.9633	0.9890
46.9	0.7682	0.9982	0.8682	0.9559	0.9143	0.9449	0.9633	0.9901
47.0	0.7849	0.9978	0.8661	0.9437	0.8590	0.9380	0.9521	0.9865
47.1	0.7699	0.9975	0.8996	0.9370	0.7389	0.9404	0.9465	0.9826
47.2	0.6634	0.9982	0.9042	0.9425	0.6818	0.9501	0.9495	0.9868
47.3	0.6800	0.9983	0.9264	0.9556	0.5961	0.9641	0.9598	0.9862
47.4	0.8658	0.9985	0.9145	0.9550	0.1358	0.9638	0.9608	0.9817
47.5	0.8664	0.9980	0.8962	0.9379	0.1996	0.9596	0.9475	0.9670
47.6	0.8641	0.9981	0.9078	0.9372	0.5961	0.9569	0.9464	0.9789
47.7	0.8934	0.9984	0.9133	0.9393	0.2271	0.9572	0.9490	0.9938
47.8	0.9084	0.9985	0.9364	0.9397	0.0522	0.9640	0.9479	0.9876
47.9	0.9249	0.9980	0.9354	0.9231	0.4616	0.9600	0.9348	0.9622
48.0	0.9456	0.9982	0.9441	0.9307	0.6389	0.9637	0.9416	0.9727
48.1	0.9691	0.9990	0.9663	0.9481	0.7429	0.9773	0.9549	0.9767
48.2	0.9800	0.9989	0.9683	0.9379	0.5887	0.9792	0.9468	0.9839
48.3	0.9784	0.9990	0.9715	0.9323	0.6616	0.9839	0.9413	0.9833
48.4	0.9792	0.9988	0.9695	0.9134	0.7178	0.9802	0.9227	0.9810
48.5	0.9773	0.9991	0.9713	0.9146	0.6516	0.9785	0.9253	0.9689
48.6	0.9678	0.9988	0.9644	0.8408	0.6344	0.9732	0.8736	0.9701
48.7	0.9723	0.9988	0.9692	0.9068	0.5015	0.9716	0.9274	0.9867
48.8	0.9705	0.9987	0.9684	0.9002	0.0453	0.9720	0.9182	0.9862
48.9	0.9658	0.9984	0.9686	0.8207	0.2759	0.9794	0.8452	0.9832
49.0	0.9684	0.9986	0.9709	0.8237	0.4747	0.9826	0.8482	0.9774
49.1	0.9741	0.9988	0.9746	0.8578	0.5956	0.9810	0.8785	0.9828
49.2	0.9784	0.9987	0.9752	0.9132	0.3558	0.9781	0.9330	0.9887
49.3	0.9805	0.9987	0.9829	0.9222	0.2179	0.9832	0.9340	0.9917
49.4	0.9817	0.9986	0.9859	0.8907	0.4448	0.9884	0.9078	0.9915
49.5	0.9702	0.9983	0.9790	0.7258	0.4748	0.9852	0.7963	0.9873
49.6	0.9626	0.9989	0.9816	0.8566	0.2341	0.9837	0.9032	0.9874
49.7	0.9442	0.9993	0.9855	0.9061	0.3488	0.9875	0.9388	0.9915
49.8	0.9621	0.9995	0.9885	0.9291	0.3656	0.9908	0.9508	0.9907
49.9	0.9438	0.9991	0.9834	0.8727	0.5757	0.9874	0.9072	0.9771
50.0	0.9289	0.9989	0.9854	0.8539	0.6825	0.9875	0.8907	0.9780
50.1	0.9536	0.9992	0.9893	0.9389	0.3266	0.9896	0.9532	0.9877
50.2	0.9707	0.9992	0.9900	0.9600	0.4360	0.9916	0.9694	0.9916
50.3	0.9711	0.9991	0.9897	0.9567	0.5961	0.9921	0.9670	0.9918
50.4	0.9346	0.9988	0.9871	0.9164	0.6220	0.9896	0.9369	0.9871
50.5	0.9200	0.9986	0.9852	0.9318	0.6574	0.9915	0.9484	0.9870
50.6	0.9355	0.9990	0.9885	0.9423	0.7698	0.9931	0.9576	0.9902
50.7	0.9506	0.9992	0.9899	0.9326	0.8869	0.9943	0.9512	0.9907
50.8	0.9292	0.9989	0.9884	0.9171	0.8174	0.9918	0.9413	0.9862
50.9	0.9347	0.9987	0.9873	0.9273	0.6918	0.9912	0.9501	0.9852

51.0	0.9004	0.9988	0.9890	0.9311	0.7290	0.9908	0.9537	0.9853
51.1	0.8782	0.9990	0.9842	0.9345	0.3841	0.9918	0.9509	0.9781
51.2	0.9218	0.9992	0.9868	0.9418	0.5940	0.9932	0.9584	0.9784
51.3	0.8820	0.9989	0.9842	0.8648	0.7459	0.9927	0.9072	0.9666
51.4	0.7809	0.9987	0.9843	0.9124	0.8259	0.9901	0.9353	0.9751
51.5	0.7097	0.9987	0.9863	0.9559	0.6763	0.9889	0.9650	0.9847
51.6	0.7786	0.9987	0.9838	0.9677	0.5152	0.9934	0.9729	0.9875
51.7	0.7667	0.9983	0.9861	0.9766	0.3719	0.9925	0.9796	0.9924
51.8	0.8057	0.9982	0.9831	0.9732	0.0358	0.9916	0.9772	0.9901
51.9	0.8302	0.9983	0.9739	0.9500	0.1435	0.9896	0.9586	0.9758
52.0	0.8164	0.9985	0.9840	0.9707	0.0423	0.9930	0.9751	0.9826
52.1	0.5686	0.9980	0.9797	0.9677	0.0011	0.9896	0.9719	0.9820
52.2	0.5624	0.9981	0.9786	0.9737	0.4358	0.9911	0.9768	0.9859
52.3	0.6717	0.9971	0.9683	0.9569	0.5279	0.9888	0.9637	0.9771
52.4	0.4498	0.9972	0.9707	0.9399	0.4326	0.9876	0.9495	0.9607
52.5	0.4275	0.9978	0.9772	0.9600	0.3324	0.9859	0.9659	0.9753
52.6	0.4159	0.9972	0.9767	0.9643	0.6726	0.9857	0.9713	0.9836
52.7	0.3971	0.9976	0.9769	0.9340	0.7396	0.9844	0.9488	0.9792
52.8	0.1530	0.9976	0.9757	0.9437	0.5266	0.9815	0.9540	0.9831
52.9	0.3414	0.9976	0.9784	0.9645	0.2884	0.9803	0.9703	0.9864
53.0	0.5909	0.9972	0.9767	0.9710	0.0995	0.9796	0.9754	0.9822
53.1	0.7071	0.9957	0.9672	0.9729	0.3634	0.9831	0.9764	0.9853
53.2	0.8686	0.9966	0.9744	0.9787	0.6639	0.9848	0.9813	0.9905
53.3	0.8791	0.9972	0.9695	0.9778	0.7937	0.9857	0.9804	0.9911
53.4	0.9001	0.9974	0.9724	0.9801	0.8493	0.9862	0.9826	0.9931
53.5	0.8652	0.9972	0.9633	0.9568	0.5582	0.9724	0.9653	0.9862
53.6	0.7673	0.9981	0.9748	0.9664	0.4364	0.9763	0.9730	0.9867
53.7	0.8280	0.9978	0.9693	0.9775	0.7030	0.9832	0.9812	0.9903
53.8	0.9460	0.9983	0.9684	0.9766	0.4439	0.9850	0.9804	0.9880
53.9	0.9566	0.9980	0.9647	0.9750	0.6152	0.9822	0.9791	0.9902
54.0	0.9404	0.9972	0.9591	0.9755	0.8001	0.9809	0.9795	0.9925
54.1	0.9443	0.9973	0.9459	0.9659	0.7777	0.9685	0.9710	0.9893
54.2	0.9615	0.9978	0.9194	0.9287	0.5971	0.9362	0.9414	0.9682
54.3	0.9664	0.9976	0.9414	0.9513	0.2697	0.9568	0.9594	0.9774
54.4	0.9596	0.9967	0.9373	0.9684	0.5441	0.9780	0.9726	0.9859
54.5	0.9729	0.9960	0.9358	0.9670	0.7226	0.9658	0.9725	0.9903
54.6	0.9620	0.9973	0.9240	0.9600	0.7579	0.9649	0.9663	0.9881
54.7	0.9548	0.9972	0.8755	0.9291	0.7308	0.9340	0.9426	0.9793
54.8	0.9640	0.9974	0.9315	0.9482	0.5892	0.9265	0.9603	0.9858
54.9	0.9725	0.9983	0.9472	0.9645	0.2306	0.9550	0.9710	0.9911
55.0	0.9639	0.9982	0.9472	0.9634	0.4325	0.9516	0.9703	0.9911
55.1	0.9631	0.9979	0.9390	0.9615	0.6182	0.9468	0.9696	0.9902
55.2	0.9557	0.9973	0.9275	0.9606	0.5904	0.9495	0.9680	0.9892
55.3	0.9576	0.9974	0.9305	0.9643	0.6414	0.9613	0.9702	0.9878
55.4	0.9427	0.9979	0.9358	0.9654	0.6925	0.9591	0.9724	0.9894
55.5	0.9276	0.9976	0.9162	0.9372	0.3997	0.9267	0.9512	0.9833
55.6	0.9131	0.9972	0.9246	0.9429	0.0083	0.9339	0.9533	0.9813
55.7	0.9190	0.9983	0.9518	0.9684	0.2767	0.9595	0.9742	0.9901
55.8	0.9060	0.9978	0.9525	0.9724	0.4599	0.9547	0.9779	0.9901
55.9	0.9010	0.9979	0.9581	0.9712	0.4474	0.9551	0.9769	0.9878
56.0	0.9018	0.9980	0.9323	0.9315	0.4296	0.9093	0.9456	0.9770
56.1	0.8279	0.9969	0.9072	0.9033	0.1131	0.8887	0.9207	0.9665
56.2	0.8214	0.9963	0.9379	0.9522	0.2562	0.9365	0.9606	0.9839
56.3	0.8255	0.9975	0.9595	0.9698	0.4983	0.9600	0.9749	0.9879
56.4	0.7751	0.9971	0.9697	0.9706	0.5145	0.9544	0.9753	0.9889
56.5	0.7057	0.9969	0.9629	0.9657	0.4908	0.9471	0.9715	0.9873
56.6	0.6676	0.9959	0.9554	0.9642	0.4264	0.9512	0.9704	0.9852
56.7	0.7225	0.9957	0.9672	0.9707	0.5258	0.9591	0.9754	0.9876
56.8	0.7315	0.9942	0.9681	0.9677	0.5757	0.9521	0.9731	0.9884
56.9	0.7498	0.9940	0.9751	0.9696	0.6349	0.9514	0.9748	0.9910
57.0	0.6597	0.9943	0.9670	0.9680	0.5337	0.9563	0.9733	0.9875
57.1	0.4875	0.9921	0.9424	0.9435	0.2351	0.9391	0.9539	0.9817
57.2	0.1844	0.9927	0.9210	0.9348	0.2285	0.9503	0.9447	0.9683
57.3	0.0357	0.9916	0.9476	0.9675	0.6259	0.9702	0.9714	0.9786
57.4	0.0034	0.9878	0.9422	0.9568	0.6678	0.9620	0.9627	0.9758
57.5	0.0087	0.9856	0.9458	0.9566	0.6984	0.9596	0.9619	0.9738
57.6	0.0423	0.9865	0.9525	0.9648	0.7782	0.9688	0.9685	0.9773
57.7	0.3325	0.9885	0.9564	0.9669	0.8208	0.9715	0.9707	0.9836
57.8	0.4417	0.9885	0.9657	0.9729	0.8677	0.9753	0.9763	0.9858
57.9	0.5039	0.9828	0.9541	0.9688	0.8585	0.9719	0.9720	0.9818
58.0	0.7020	0.9857	0.9709	0.9808	0.9186	0.9826	0.9826	0.9858
58.1	0.7220	0.9825	0.9718	0.9799	0.9202	0.9809	0.9819	0.9876
58.2	0.7619	0.9795	0.9599	0.9708	0.9023	0.9776	0.9733	0.9835
58.3	0.7914	0.9798	0.9727	0.9767	0.9315	0.9806	0.9786	0.9848
58.4	0.7547	0.9745	0.9756	0.9781	0.9367	0.9791	0.9802	0.9821
58.5	0.7270	0.9693	0.9740	0.9760	0.9302	0.9771	0.9781	0.9789
58.6	0.6967	0.9675	0.9707	0.9707	0.9285	0.9736	0.9728	0.9800
58.7	0.7287	0.9725	0.9760	0.9706	0.9444	0.9719	0.9727	0.9824
58.8	0.8466	0.9608	0.9711	0.9654	0.9432	0.9697	0.9680	0.9803
58.9	0.9327	0.9531	0.9749	0.9695	0.9484	0.9731	0.9721	0.9804
59.0	0.8935	0.9521	0.9723	0.9744	0.9632	0.9808	0.9755	0.9795
59.1	0.9143	0.9644	0.9835	0.9835	0.9754	0.9872	0.9837	0.9851
59.2	0.9459	0.9445	0.9821	0.9767	0.9720	0.9826	0.9772	0.9829
59.3	0.9272	0.9256	0.9787	0.9749	0.9735	0.9821	0.9756	0.9845
59.4	0.9438	0.9334	0.9823	0.9781	0.9810	0.9871	0.9791	0.9898
59.5	0.9344	0.9199	0.9812	0.9755	0.9864	0.9864	0.9757	0.9849

59.6	0.9335	0.8978	0.9767	0.9703	0.9851	0.9851	0.9710	0.9852
59.7	0.9317	0.8810	0.9697	0.9604	0.9815	0.9824	0.9620	0.9865
59.8	0.9540	0.9044	0.9731	0.9741	0.9877	0.9887	0.9744	0.9868
59.9	0.9333	0.9119	0.9566	0.9763	0.9854	0.9913	0.9772	0.9887
60.0	0.9031	0.8857	0.9117	0.9636	0.9791	0.9869	0.9682	0.9877
60.1	0.9206	0.8916	0.8878	0.9641	0.9818	0.9857	0.9675	0.9851
60.2	0.9165	0.9043	0.8486	0.9666	0.9800	0.9860	0.9691	0.9847
60.3	0.8824	0.9076	0.8091	0.9663	0.9732	0.9853	0.9685	0.9842
60.4	0.9046	0.8968	0.8715	0.9697	0.9700	0.9827	0.9717	0.9821
60.5	0.9558	0.9221	0.9053	0.9741	0.9556	0.9854	0.9758	0.9841
60.6	0.9415	0.9159	0.8891	0.9686	0.9470	0.9834	0.9701	0.9807
60.7	0.8990	0.9285	0.9030	0.9666	0.8956	0.9797	0.9681	0.9805
60.8	0.9416	0.9297	0.9419	0.9771	0.9063	0.9849	0.9774	0.9831
60.9	0.9389	0.9285	0.9343	0.9700	0.9087	0.9802	0.9701	0.9764
61.0	0.9345	0.9340	0.9534	0.9735	0.9131	0.9809	0.9734	0.9783
61.1	0.9175	0.9440	0.9711	0.9817	0.9004	0.9862	0.9820	0.9845
61.2	0.9147	0.9429	0.9667	0.9780	0.8406	0.9838	0.9785	0.9846
61.3	0.9086	0.9331	0.9631	0.9760	0.8229	0.9835	0.9762	0.9833
61.4	0.9082	0.9266	0.9639	0.9751	0.7981	0.9819	0.9754	0.9827
61.5	0.9353	0.9296	0.9721	0.9785	0.8709	0.9831	0.9787	0.9841
61.6	0.9435	0.9421	0.9782	0.9835	0.9075	0.9871	0.9835	0.9871
61.7	0.9493	0.9345	0.9786	0.9844	0.9188	0.9875	0.9844	0.9855
61.8	0.9453	0.9261	0.9785	0.9831	0.9272	0.9856	0.9830	0.9844
61.9	0.9480	0.9108	0.9789	0.9793	0.9350	0.9817	0.9793	0.9813
62.0	0.9642	0.9172	0.9840	0.9824	0.9488	0.9835	0.9824	0.9815
62.1	0.9632	0.9213	0.9844	0.9818	0.9351	0.9820	0.9819	0.9816
62.2	0.9616	0.9342	0.9885	0.9876	0.9440	0.9872	0.9877	0.9865
62.3	0.9604	0.9213	0.9870	0.9855	0.9525	0.9857	0.9853	0.9850
62.4	0.9511	0.9145	0.9850	0.9825	0.9505	0.9833	0.9823	0.9834
62.5	0.9399	0.9020	0.9845	0.9777	0.9480	0.9774	0.9775	0.9794
62.6	0.9504	0.9289	0.9882	0.9841	0.9491	0.9815	0.9840	0.9793
62.7	0.9519	0.9315	0.9899	0.9855	0.9555	0.9827	0.9854	0.9815
62.8	0.9390	0.9296	0.9894	0.9833	0.9595	0.9823	0.9833	0.9820
62.9	0.9232	0.9206	0.9880	0.9826	0.9328	0.9808	0.9829	0.9822
63.0	0.9306	0.9238	0.9911	0.9868	0.9434	0.9844	0.9868	0.9846
63.1	0.9531	0.9467	0.9949	0.9916	0.9752	0.9896	0.9915	0.9853
63.2	0.9415	0.9512	0.9938	0.9903	0.9600	0.9894	0.9904	0.9847
63.3	0.9048	0.9305	0.9917	0.9884	0.9537	0.9870	0.9886	0.9794
63.4	0.8845	0.9337	0.9927	0.9890	0.9560	0.9860	0.9889	0.9799
63.5	0.8572	0.9223	0.9922	0.9872	0.9532	0.9828	0.9869	0.9772
63.6	0.8704	0.9082	0.9923	0.9880	0.9440	0.9827	0.9878	0.9780
63.7	0.8836	0.9289	0.9932	0.9881	0.9491	0.9830	0.9880	0.9811
63.8	0.8773	0.9473	0.9948	0.9902	0.9636	0.9874	0.9903	0.9823
63.9	0.8190	0.9489	0.9947	0.9913	0.9732	0.9877	0.9913	0.9831
64.0	0.8618	0.9412	0.9949	0.9924	0.9751	0.9877	0.9924	0.9808
64.1	0.8726	0.9306	0.9935	0.9896	0.9768	0.9843	0.9895	0.9783
64.2	0.8544	0.9462	0.9942	0.9904	0.9721	0.9838	0.9905	0.9805
64.3	0.8457	0.9540	0.9944	0.9891	0.9728	0.9835	0.9893	0.9820
64.4	0.8132	0.9282	0.9933	0.9855	0.9701	0.9787	0.9854	0.9746
64.5	0.8344	0.9522	0.9950	0.9899	0.9791	0.9866	0.9900	0.9828
64.6	0.8728	0.9545	0.9946	0.9920	0.9861	0.9874	0.9920	0.9828
64.7	0.8880	0.9500	0.9943	0.9913	0.9876	0.9853	0.9912	0.9799
64.8	0.8757	0.9579	0.9948	0.9909	0.9854	0.9830	0.9910	0.9813
64.9	0.8940	0.9546	0.9961	0.9936	0.9857	0.9848	0.9936	0.9811
65.0	0.8922	0.9571	0.9944	0.9912	0.9841	0.9843	0.9912	0.9831
65.1	0.8937	0.9420	0.9943	0.9881	0.9855	0.9773	0.9880	0.9771
65.2	0.8913	0.9437	0.9946	0.9893	0.9855	0.9786	0.9893	0.9793
65.3	0.8884	0.9265	0.9935	0.9894	0.9845	0.9783	0.9896	0.9769
65.4	0.9154	0.9341	0.9919	0.9883	0.9828	0.9788	0.9889	0.9758
65.5	0.9283	0.9411	0.9931	0.9892	0.9833	0.9760	0.9892	0.9766
65.6	0.9032	0.9309	0.9924	0.9895	0.9840	0.9794	0.9898	0.9749
65.7	0.9004	0.9215	0.9895	0.9858	0.9824	0.9738	0.9864	0.9684
65.8	0.9396	0.9351	0.9917	0.9878	0.9866	0.9727	0.9883	0.9727
65.9	0.9580	0.9552	0.9939	0.9933	0.9881	0.9809	0.9937	0.9799
66.0	0.9467	0.9301	0.9923	0.9894	0.9853	0.9748	0.9897	0.9749
66.1	0.9552	0.9251	0.9934	0.9898	0.9878	0.9769	0.9898	0.9751
66.2	0.9758	0.9571	0.9944	0.9923	0.9900	0.9847	0.9924	0.9844
66.3	0.9743	0.9600	0.9961	0.9925	0.9924	0.9874	0.9923	0.9869
66.4	0.9737	0.9491	0.9952	0.9912	0.9910	0.9880	0.9906	0.9834
66.5	0.9761	0.9601	0.9946	0.9934	0.9893	0.9867	0.9930	0.9842
66.6	0.9766	0.9527	0.9934	0.9935	0.9865	0.9844	0.9936	0.9809
66.7	0.9681	0.9372	0.9909	0.9901	0.9840	0.9831	0.9901	0.9766
66.8	0.9786	0.9543	0.9915	0.9891	0.9871	0.9867	0.9890	0.9815
66.9	0.9841	0.9634	0.9947	0.9914	0.9911	0.9900	0.9910	0.9859
67.0	0.9840	0.9522	0.9949	0.9922	0.9893	0.9887	0.9914	0.9820
67.1	0.9798	0.9411	0.9941	0.9902	0.9882	0.9880	0.9892	0.9792
67.2	0.9796	0.9485	0.9942	0.9895	0.9888	0.9871	0.9886	0.9809
67.3	0.9858	0.9549	0.9941	0.9909	0.9883	0.9910	0.9898	0.9857
67.4	0.9848	0.9582	0.9935	0.9915	0.9883	0.9903	0.9900	0.9859
67.5	0.9831	0.9609	0.9943	0.9892	0.9906	0.9913	0.9876	0.9870
67.6	0.9826	0.9495	0.9940	0.9875	0.9887	0.9896	0.9857	0.9832
67.7	0.9807	0.9522	0.9923	0.9842	0.9850	0.9841	0.9819	0.9798
67.8	0.9790	0.9504	0.9914	0.9847	0.9860	0.9815	0.9826	0.9769
67.9	0.9834	0.9592	0.9925	0.9854	0.9897	0.9858	0.9822	0.9834
68.0	0.9838	0.9582	0.9914	0.9834	0.9873	0.9839	0.9799	0.9811
68.1	0.9795	0.9542	0.9913	0.9788	0.9862	0.9792	0.9720	0.9807

68.2	0.9807	0.9587	0.9919	0.9784	0.9863	0.9810	0.9692	0.9842
68.3	0.9853	0.9740	0.9927	0.9783	0.9885	0.9857	0.9682	0.9880
68.4	0.9883	0.9662	0.9926	0.9753	0.9880	0.9847	0.9659	0.9868
68.5	0.9858	0.9592	0.9917	0.9651	0.9892	0.9835	0.9533	0.9849
68.6	0.9839	0.9564	0.9905	0.9664	0.9878	0.9826	0.9508	0.9843
68.7	0.9836	0.9454	0.9885	0.9579	0.9866	0.9807	0.9396	0.9813
68.8	0.9843	0.9525	0.9867	0.9357	0.9856	0.9758	0.9119	0.9792
68.9	0.9851	0.9642	0.9873	0.9002	0.9868	0.9774	0.8607	0.9803
69.0	0.9841	0.9606	0.9900	0.9012	0.9886	0.9788	0.8438	0.9822
69.1	0.9805	0.9514	0.9877	0.8504	0.9851	0.9735	0.7599	0.9805
69.2	0.9833	0.9537	0.9872	0.6886	0.9855	0.9730	0.6439	0.9783
69.3	0.9864	0.9609	0.9873	0.5590	0.9867	0.9760	0.6502	0.9822
69.4	0.9858	0.9575	0.9888	0.3985	0.9851	0.9810	0.6862	0.9846
69.5	0.9868	0.9583	0.9889	0.1136	0.9861	0.9801	0.7199	0.9844
69.6	0.9854	0.9614	0.9889	0.1942	0.9866	0.9767	0.7829	0.9833
69.7	0.9847	0.9616	0.9868	0.4793	0.9828	0.9726	0.8529	0.9802
69.8	0.9850	0.9528	0.9826	0.5592	0.9800	0.9651	0.8305	0.9779
69.9	0.9741	0.9343	0.9710	0.6885	0.9652	0.9523	0.8381	0.9666
70.0	0.9796	0.9402	0.9770	0.8379	0.9744	0.9640	0.9091	0.9706
70.1	0.9830	0.9473	0.9796	0.9005	0.9771	0.9709	0.9406	0.9713
70.2	0.9851	0.9610	0.9815	0.9299	0.9787	0.9708	0.9516	0.9724
70.3	0.9834	0.9552	0.9797	0.9347	0.9794	0.9735	0.9508	0.9739
70.4	0.9844	0.9546	0.9784	0.9584	0.9753	0.9763	0.9674	0.9746
70.5	0.9841	0.9619	0.9798	0.9589	0.9749	0.9792	0.9674	0.9790
70.6	0.9883	0.9659	0.9826	0.9624	0.9800	0.9799	0.9703	0.9796
70.7	0.9876	0.9692	0.9813	0.9679	0.9771	0.9807	0.9750	0.9781
70.8	0.9879	0.9650	0.9827	0.9770	0.9763	0.9834	0.9823	0.9787
70.9	0.9845	0.9681	0.9756	0.9667	0.9680	0.9808	0.9749	0.9726
71.0	0.9857	0.9729	0.9776	0.9711	0.9697	0.9820	0.9784	0.9746
71.1	0.9849	0.9711	0.9747	0.9702	0.9634	0.9805	0.9793	0.9691
71.2	0.9805	0.9680	0.9659	0.9696	0.9531	0.9746	0.9787	0.9605
71.3	0.9833	0.9728	0.9716	0.9770	0.9625	0.9741	0.9826	0.9644
71.4	0.9841	0.9739	0.9729	0.9808	0.9599	0.9691	0.9857	0.9626
71.5	0.9859	0.9765	0.9797	0.9839	0.9688	0.9773	0.9873	0.9738
71.6	0.9853	0.9681	0.9797	0.9833	0.9686	0.9808	0.9867	0.9740
71.7	0.9857	0.9694	0.9738	0.9816	0.9618	0.9770	0.9873	0.9693
71.8	0.9841	0.9702	0.9713	0.9771	0.9594	0.9743	0.9837	0.9679
71.9	0.9871	0.9713	0.9758	0.9774	0.9632	0.9808	0.9841	0.9731
72.0	0.9865	0.9757	0.9748	0.9790	0.9600	0.9795	0.9856	0.9714
72.1	0.9877	0.9835	0.9811	0.9853	0.9717	0.9803	0.9885	0.9787
72.2	0.9872	0.9820	0.9803	0.9850	0.9711	0.9792	0.9883	0.9791
72.3	0.9899	0.9815	0.9805	0.9863	0.9714	0.9800	0.9903	0.9801
72.4	0.9883	0.9794	0.9758	0.9822	0.9640	0.9778	0.9886	0.9758
72.5	0.9814	0.9716	0.9637	0.9718	0.9462	0.9711	0.9812	0.9667
72.6	0.9862	0.9814	0.9757	0.9812	0.9649	0.9801	0.9869	0.9784
72.7	0.9841	0.9805	0.9724	0.9820	0.9595	0.9740	0.9881	0.9740
72.8	0.9872	0.9809	0.9771	0.9826	0.9668	0.9823	0.9884	0.9805
72.9	0.9879	0.9756	0.9763	0.9815	0.9636	0.9808	0.9880	0.9801
73.0	0.9849	0.9737	0.9707	0.9781	0.9536	0.9730	0.9861	0.9739
73.1	0.9850	0.9791	0.9745	0.9785	0.9611	0.9802	0.9859	0.9783
73.2	0.9875	0.9808	0.9768	0.9799	0.9661	0.9830	0.9870	0.9820
73.3	0.9912	0.9851	0.9846	0.9878	0.9770	0.9884	0.9923	0.9880
73.4	0.9917	0.9884	0.9851	0.9883	0.9769	0.9887	0.9925	0.9887
73.5	0.9902	0.9807	0.9799	0.9859	0.9676	0.9847	0.9918	0.9840
73.6	0.9882	0.9777	0.9781	0.9805	0.9673	0.9872	0.9883	0.9851
73.7	0.9910	0.9800	0.9828	0.9839	0.9756	0.9888	0.9899	0.9884
73.8	0.9912	0.9827	0.9838	0.9850	0.9764	0.9892	0.9902	0.9892
73.9	0.9919	0.9887	0.9870	0.9895	0.9813	0.9888	0.9924	0.9902
74.0	0.9908	0.9841	0.9838	0.9883	0.9750	0.9857	0.9925	0.9875
74.1	0.9905	0.9826	0.9800	0.9826	0.9692	0.9851	0.9886	0.9864
74.2	0.9920	0.9805	0.9790	0.9822	0.9678	0.9811	0.9874	0.9856
74.3	0.9918	0.9753	0.9782	0.9845	0.9662	0.9848	0.9907	0.9861
74.4	0.9921	0.9805	0.9808	0.9828	0.9718	0.9867	0.9892	0.9882
74.5	0.9935	0.9855	0.9852	0.9863	0.9778	0.9892	0.9909	0.9910
74.6	0.9948	0.9875	0.9882	0.9867	0.9816	0.9898	0.9907	0.9918
74.7	0.9964	0.9904	0.9900	0.9903	0.9850	0.9912	0.9933	0.9929
74.8	0.9962	0.9866	0.9881	0.9882	0.9810	0.9895	0.9923	0.9917
74.9	0.9939	0.9790	0.9834	0.9802	0.9736	0.9846	0.9870	0.9880
75.0	0.9950	0.9808	0.9866	0.9838	0.9790	0.9902	0.9904	0.9912
75.1	0.9944	0.9785	0.9826	0.9806	0.9731	0.9871	0.9885	0.9888
75.2	0.9915	0.9707	0.9757	0.9683	0.9634	0.9817	0.9806	0.9853
75.3	0.9914	0.9784	0.9787	0.9680	0.9720	0.9837	0.9803	0.9873
75.4	0.9948	0.9820	0.9844	0.9794	0.9790	0.9877	0.9871	0.9904
75.5	0.9933	0.9852	0.9836	0.9810	0.9764	0.9852	0.9872	0.9880
75.6	0.9946	0.9856	0.9823	0.9805	0.9757	0.9879	0.9887	0.9893
75.7	0.9947	0.9847	0.9841	0.9789	0.9777	0.9899	0.9877	0.9907
75.8	0.9956	0.9855	0.9856	0.9800	0.9787	0.9888	0.9878	0.9907
75.9	0.9956	0.9827	0.9839	0.9779	0.9744	0.9837	0.9851	0.9883
76.0	0.9948	0.9843	0.9796	0.9788	0.9764	0.9869	0.9880	0.9888
76.1	0.9936	0.9830	0.9760	0.9741	0.9735	0.9863	0.9851	0.9874
76.2	0.9927	0.9790	0.9737	0.9743	0.9665	0.9828	0.9840	0.9850
76.3	0.9931	0.9785	0.9726	0.9744	0.9653	0.9839	0.9847	0.9844
76.4	0.9906	0.9803	0.9761	0.9711	0.9678	0.9844	0.9828	0.9861
76.5	0.9938	0.9850	0.9820	0.9796	0.9785	0.9895	0.9875	0.9901
76.6	0.9952	0.9857	0.9824	0.9832	0.9806	0.9901	0.9897	0.9909
76.7	0.9947	0.9844	0.9804	0.9759	0.9806	0.9902	0.9864	0.9917

76.8	0.9938	0.9852	0.9763	0.9775	0.9781	0.9901	0.9881	0.9903
76.9	0.9924	0.9780	0.9612	0.9670	0.9630	0.9826	0.9819	0.9848
77.0	0.9929	0.9825	0.9672	0.9691	0.9700	0.9855	0.9830	0.9870
77.1	0.9937	0.9818	0.9669	0.9751	0.9704	0.9881	0.9872	0.9881
77.2	0.9927	0.9833	0.9628	0.9783	0.9675	0.9859	0.9873	0.9864
77.3	0.9899	0.9825	0.9562	0.9637	0.9658	0.9840	0.9784	0.9858
77.4	0.9922	0.9835	0.9574	0.9721	0.9691	0.9876	0.9842	0.9875
77.5	0.9937	0.9836	0.9466	0.9813	0.9651	0.9873	0.9890	0.9855
77.6	0.9942	0.9851	0.9377	0.9799	0.9668	0.9873	0.9878	0.9863
77.7	0.9939	0.9850	0.9304	0.9793	0.9666	0.9873	0.9875	0.9850
77.8	0.9916	0.9846	0.8766	0.9785	0.9501	0.9834	0.9868	0.9775
77.9	0.9925	0.9861	0.8339	0.9830	0.9562	0.9852	0.9892	0.9774
78.0	0.9930	0.9851	0.8277	0.9847	0.9631	0.9886	0.9911	0.9816
78.1	0.9922	0.9829	0.7392	0.9814	0.9541	0.9856	0.9881	0.9796
78.2	0.9898	0.9845	0.6179	0.9794	0.9511	0.9832	0.9856	0.9782
78.3	0.9929	0.9834	0.4353	0.9795	0.9480	0.9841	0.9860	0.9780
78.4	0.9939	0.9835	0.3640	0.9860	0.9403	0.9826	0.9898	0.9732
78.5	0.9910	0.9788	0.3601	0.9800	0.9119	0.9770	0.9850	0.9605
78.6	0.9915	0.9772	0.5350	0.9788	0.9088	0.9747	0.9837	0.9602
78.7	0.9911	0.9767	0.7143	0.9817	0.9003	0.9762	0.9862	0.9641
78.8	0.9890	0.9763	0.7596	0.9782	0.9020	0.9797	0.9847	0.9681
78.9	0.9908	0.9823	0.8025	0.9729	0.8553	0.9812	0.9818	0.9641
79.0	0.9882	0.9862	0.8350	0.9748	0.7486	0.9727	0.9826	0.9495
79.1	0.9863	0.9816	0.7611	0.9741	0.7789	0.9679	0.9832	0.9398
79.2	0.9880	0.9842	0.6452	0.9813	0.8468	0.9679	0.9880	0.9462
79.3	0.9894	0.9822	0.7495	0.9780	0.8783	0.9724	0.9846	0.9620
79.4	0.9891	0.9796	0.7599	0.9747	0.8839	0.9790	0.9839	0.9627
79.5	0.9872	0.9745	0.7839	0.9701	0.8851	0.9765	0.9795	0.9644
79.6	0.9843	0.9724	0.8266	0.9669	0.8926	0.9709	0.9766	0.9616
79.7	0.9847	0.9790	0.8724	0.9744	0.8909	0.9724	0.9815	0.9645
79.8	0.9862	0.9772	0.9012	0.9775	0.8881	0.9694	0.9821	0.9671
79.9	0.9860	0.9744	0.8936	0.9729	0.8385	0.9577	0.9771	0.9524
80.0	0.9848	0.9732	0.9089	0.9749	0.8650	0.9640	0.9811	0.9631

2.2.81 Run 7 – VT270-200 – Accels 17–24

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0002	0.0438	0.5657	0.3769	0.1346	0.1056	0.2064	0.3292
0.1	0.0034	0.0453	0.0903	0.0533	0.0245	0.0097	0.0015	0.0135
0.2	0.0536	0.0074	0.0039	0.0286	0.0261	0.0211	0.0383	0.0604
0.3	0.0161	0.0007	0.0323	0.0495	0.0074	0.0291	0.0154	0.0176
0.4	0.0015	0.0050	0.0638	0.0063	0.0177	0.0333	0.0128	0.0287
0.5	0.0258	0.0365	0.1064	0.0221	0.0023	0.0001	0.0169	0.0444
0.6	0.0286	0.0088	0.1126	0.0199	0.0075	0.0167	0.0404	0.0385
0.7	0.0688	0.0328	0.2974	0.0056	0.0147	0.0249	0.0042	0.0188
0.8	0.1015	0.0043	0.3888	0.0202	0.0667	0.0084	0.0380	0.0153
0.9	0.0243	0.0043	0.4649	0.0141	0.0062	0.0014	0.0004	0.0245
1.0	0.0808	0.0126	0.5266	0.0228	0.0001	0.0065	0.0278	0.0353
1.1	0.1710	0.0127	0.6226	0.0153	0.0001	0.0057	0.0086	0.0042
1.2	0.2504	0.0138	0.7799	0.0762	0.0171	0.0217	0.0447	0.0451
1.3	0.2995	0.0035	0.8573	0.2125	0.0034	0.0530	0.1078	0.0016
1.4	0.3469	0.0103	0.8563	0.2769	0.0043	0.0040	0.1938	0.0125
1.5	0.4677	0.0522	0.8716	0.3738	0.0311	0.0291	0.2515	0.0722
1.6	0.5433	0.1028	0.9294	0.4878	0.0014	0.0523	0.1922	0.1329
1.7	0.4831	0.1512	0.9406	0.4762	0.0115	0.0075	0.3741	0.0936
1.8	0.4420	0.1939	0.9092	0.4041	0.0250	0.0570	0.5098	0.0723
1.9	0.5885	0.6557	0.9427	0.6484	0.0023	0.0131	0.7512	0.3733
2.0	0.7980	0.7826	0.9604	0.8486	0.0170	0.0647	0.8708	0.5994
2.1	0.8346	0.5360	0.8211	0.8375	0.0278	0.0433	0.8965	0.4998
2.2	0.8650	0.4764	0.4379	0.8588	0.0220	0.0021	0.8164	0.4671
2.3	0.5005	0.3450	0.3277	0.4809	0.0081	0.0139	0.4592	0.3125
2.4	0.3383	0.2341	0.3952	0.3327	0.0145	0.0802	0.3335	0.2002
2.5	0.3234	0.4063	0.6525	0.3261	0.0034	0.0398	0.3228	0.4663
2.6	0.7818	0.5613	0.9737	0.7880	0.0115	0.0938	0.7937	0.4758
2.7	0.9271	0.3926	0.9921	0.9192	0.0118	0.0402	0.9152	0.3632
2.8	0.9035	0.3637	0.9924	0.9046	0.0122	0.1250	0.8961	0.3169
2.9	0.9096	0.2691	0.9925	0.9295	0.0222	0.0853	0.9210	0.2847
3.0	0.8718	0.1683	0.9925	0.8902	0.0173	0.0056	0.8541	0.2325
3.1	0.8358	0.2414	0.9901	0.8264	0.0018	0.0128	0.8309	0.2513
3.2	0.8385	0.2331	0.9898	0.8345	0.0314	0.0852	0.8433	0.3010
3.3	0.8273	0.2191	0.9882	0.8541	0.0083	0.0808	0.8400	0.2372
3.4	0.7612	0.0221	0.9864	0.8169	0.0477	0.1308	0.8150	0.0537
3.5	0.7635	0.0332	0.9813	0.7053	0.0017	0.0535	0.7381	0.0268
3.6	0.5598	0.0094	0.9574	0.4922	0.0983	0.0228	0.5002	0.0131
3.7	0.6463	0.1623	0.9846	0.6230	0.0043	0.0513	0.5827	0.0908
3.8	0.9280	0.6212	0.9982	0.9245	0.0004	0.2955	0.9202	0.6424
3.9	0.9815	0.8208	0.9994	0.9796	0.0750	0.4972	0.9768	0.8021
4.0	0.9903	0.8585	0.9996	0.9864	0.0569	0.6681	0.9849	0.8542
4.1	0.9906	0.7510	0.9994	0.9823	0.0060	0.6612	0.9821	0.7467
4.2	0.9827	0.6530	0.9992	0.9729	0.0165	0.6160	0.9677	0.5840
4.3	0.9718	0.5154	0.9990	0.9527	0.0027	0.4244	0.9560	0.4830
4.4	0.9530	0.4591	0.9987	0.9252	0.0101	0.2287	0.9263	0.4760
4.5	0.9526	0.5955	0.9987	0.8872	0.0010	0.3762	0.8855	0.5511
4.6	0.9226	0.5221	0.9983	0.8627	0.0108	0.2705	0.8549	0.5080
4.7	0.8247	0.4928	0.9952	0.6383	0.0030	0.1901	0.6717	0.5095
4.8	0.9213	0.8176	0.9960	0.8368	0.0028	0.4188	0.8372	0.8221
4.9	0.9285	0.8072	0.9926	0.8795	0.0009	0.2324	0.8140	0.8015
5.0	0.9157	0.5772	0.9941	0.7890	0.0036	0.2882	0.7339	0.5713
5.1	0.9196	0.7080	0.9972	0.8642	0.0083	0.6492	0.8434	0.6816
5.2	0.9400	0.5856	0.9976	0.8826	0.0024	0.6693	0.8622	0.6096
5.3	0.9108	0.1765	0.9956	0.7719	0.0218	0.3954	0.7463	0.2403
5.4	0.5068	0.0036	0.9861	0.1034	0.0125	0.2393	0.0386	0.0071
5.5	0.8050	0.0386	0.9921	0.4708	0.0384	0.2175	0.3738	0.0918
5.6	0.9552	0.4475	0.9982	0.8353	0.0402	0.4951	0.7715	0.5231
5.7	0.9792	0.7784	0.9991	0.9330	0.0021	0.8313	0.9142	0.8258
5.8	0.9880	0.9057	0.9986	0.9689	0.0369	0.9064	0.9576	0.9379
5.9	0.9926	0.9465	0.9994	0.9863	0.0168	0.9414	0.9832	0.9588
6.0	0.9948	0.9018	0.9996	0.9918	0.0060	0.9588	0.9901	0.9406
6.1	0.9893	0.8295	0.9993	0.9865	0.0406	0.9522	0.9850	0.9235
6.2	0.9913	0.7244	0.9994	0.9868	0.0198	0.9637	0.9837	0.9337
6.3	0.9905	0.4738	0.9994	0.9876	0.0137	0.9710	0.9838	0.9218
6.4	0.9890	0.0904	0.9992	0.9873	0.0474	0.9772	0.9865	0.9319
6.5	0.9905	0.2526	0.9989	0.9891	0.0082	0.9792	0.9878	0.9414
6.6	0.9874	0.6732	0.9959	0.9846	0.0068	0.9752	0.9828	0.9037
6.7	0.9785	0.8832	0.9891	0.9757	0.0117	0.9667	0.9725	0.9248
6.8	0.9777	0.8992	0.9709	0.9775	0.0089	0.9679	0.9763	0.9382
6.9	0.9660	0.9267	0.9224	0.9688	0.0284	0.9757	0.9684	0.9373
7.0	0.9170	0.8480	0.8379	0.9224	0.0107	0.9728	0.9214	0.9170
7.1	0.9169	0.8823	0.9065	0.9197	0.0010	0.9739	0.9191	0.8410
7.2	0.9257	0.9065	0.9520	0.9227	0.0443	0.9689	0.9218	0.8815
7.3	0.9680	0.9543	0.9838	0.9660	0.0409	0.9559	0.9662	0.9183
7.4	0.9416	0.9491	0.9766	0.9388	0.0756	0.9699	0.9372	0.9229
7.5	0.9612	0.9820	0.9899	0.9592	0.0729	0.9850	0.9569	0.9558
7.6	0.9748	0.9907	0.9969	0.9703	0.0009	0.9902	0.9675	0.9744
7.7	0.9938	0.9959	0.9996	0.9875	0.0178	0.9911	0.9848	0.9794
7.8	0.9970	0.9973	0.9996	0.9905	0.1067	0.9810	0.9871	0.9795
7.9	0.9953	0.9976	0.9987	0.9907	0.1081	0.9833	0.9882	0.9704

8.0	0.9949	0.9956	0.9991	0.9905	0.0572	0.9898	0.9882	0.9456
8.1	0.9961	0.9952	0.9990	0.9892	0.0273	0.9880	0.9863	0.9500
8.2	0.9970	0.9970	0.9995	0.9919	0.0080	0.9960	0.9900	0.9739
8.3	0.9979	0.9968	0.9996	0.9935	0.0035	0.9965	0.9910	0.9708
8.4	0.9973	0.9948	0.9995	0.9907	0.0081	0.9951	0.9871	0.9280
8.5	0.9970	0.9938	0.9992	0.9901	0.0367	0.9946	0.9875	0.9128
8.6	0.9977	0.9945	0.9993	0.9940	0.0452	0.9950	0.9922	0.9208
8.7	0.9963	0.9937	0.9990	0.9925	0.0228	0.9924	0.9912	0.8979
8.8	0.9928	0.9901	0.9983	0.9896	0.0512	0.9885	0.9878	0.8641
8.9	0.9918	0.9917	0.9979	0.9903	0.0367	0.9863	0.9886	0.8504
9.0	0.9865	0.9923	0.9978	0.9835	0.0115	0.9825	0.9826	0.8901
9.1	0.9785	0.9848	0.9947	0.9768	0.0321	0.9695	0.9748	0.9311
9.2	0.9509	0.9841	0.9875	0.9499	0.0237	0.9370	0.9480	0.9231
9.3	0.9278	0.9852	0.9812	0.9244	0.0237	0.9241	0.9212	0.9311
9.4	0.9331	0.9893	0.9792	0.9298	0.1837	0.9388	0.9287	0.9566
9.5	0.9589	0.9917	0.9848	0.9563	0.1124	0.9661	0.9550	0.9769
9.6	0.9534	0.9870	0.9829	0.9504	0.0229	0.9665	0.9501	0.9710
9.7	0.9605	0.9853	0.9900	0.9553	0.0004	0.9761	0.9558	0.9756
9.8	0.9692	0.9893	0.9946	0.9658	0.0397	0.9843	0.9662	0.9770
9.9	0.9802	0.9873	0.9967	0.9773	0.0319	0.9897	0.9780	0.9718
10.0	0.9761	0.9853	0.9974	0.9663	0.0153	0.9904	0.9724	0.9706
10.1	0.9774	0.9857	0.9980	0.9672	0.1595	0.9903	0.9714	0.9652
10.2	0.9812	0.9897	0.9979	0.9731	0.0609	0.9921	0.9779	0.9728
10.3	0.9862	0.9913	0.9987	0.9730	0.0871	0.9950	0.9742	0.9784
10.4	0.9876	0.9908	0.9992	0.9699	0.0222	0.9964	0.9730	0.9805
10.5	0.9862	0.9925	0.9990	0.9715	0.0064	0.9969	0.9781	0.9863
10.6	0.9802	0.9944	0.9989	0.9681	0.0182	0.9953	0.9703	0.9877
10.7	0.9713	0.9922	0.9989	0.9542	0.0455	0.9925	0.9540	0.9816
10.8	0.9532	0.9945	0.9985	0.9443	0.0580	0.9922	0.9607	0.9871
10.9	0.9500	0.9952	0.9988	0.9329	0.1769	0.9922	0.9526	0.9888
11.0	0.9402	0.9971	0.9988	0.9133	0.2158	0.9904	0.9519	0.9932
11.1	0.9036	0.9970	0.9981	0.8212	0.1994	0.9864	0.9338	0.9939
11.2	0.9263	0.9976	0.9989	0.7781	0.1444	0.9869	0.9293	0.9938
11.3	0.9410	0.9975	0.9979	0.7215	0.2217	0.9850	0.9264	0.9925
11.4	0.9535	0.9978	0.9980	0.7612	0.3317	0.9842	0.9421	0.9944
11.5	0.9643	0.9984	0.9985	0.7631	0.2270	0.9843	0.9330	0.9960
11.6	0.9622	0.9976	0.9978	0.6823	0.2855	0.9714	0.9078	0.9954
11.7	0.9681	0.9973	0.9974	0.7351	0.1614	0.9620	0.9032	0.9958
11.8	0.9668	0.9968	0.9969	0.7054	0.1281	0.9408	0.8994	0.9963
11.9	0.9716	0.9971	0.9963	0.8044	0.0850	0.9085	0.9255	0.9962
12.0	0.9809	0.9971	0.9967	0.9033	0.2622	0.9235	0.9482	0.9951
12.1	0.9821	0.9974	0.9974	0.9311	0.3758	0.9397	0.9563	0.9941
12.2	0.9860	0.9962	0.9970	0.9273	0.4074	0.9527	0.9593	0.9901
12.3	0.9855	0.9952	0.9965	0.9236	0.4003	0.9681	0.9544	0.9844
12.4	0.9760	0.9920	0.9954	0.9098	0.4966	0.9734	0.9424	0.9744
12.5	0.9746	0.9858	0.9940	0.9230	0.6137	0.9778	0.9478	0.9634
12.6	0.9751	0.9847	0.9955	0.9318	0.7359	0.9826	0.9571	0.9651
12.7	0.9745	0.9812	0.9943	0.9369	0.7519	0.9828	0.9604	0.9668
12.8	0.9746	0.9824	0.9941	0.9481	0.7640	0.9817	0.9584	0.9717
12.9	0.9786	0.9829	0.9929	0.9538	0.8474	0.9800	0.9680	0.9761
13.0	0.9852	0.9837	0.9911	0.9638	0.8658	0.9752	0.9773	0.9814
13.1	0.9849	0.9776	0.9856	0.9529	0.9033	0.9672	0.9784	0.9773
13.2	0.9902	0.9841	0.9889	0.9673	0.9412	0.9759	0.9849	0.9853
13.3	0.9785	0.9632	0.9725	0.9401	0.9235	0.9530	0.9754	0.9662
13.4	0.9669	0.9593	0.9680	0.9406	0.9141	0.9556	0.9613	0.9620
13.5	0.9189	0.9331	0.9476	0.9025	0.8751	0.9392	0.9288	0.9364
13.6	0.8815	0.9303	0.9425	0.9105	0.8890	0.9430	0.9318	0.9298
13.7	0.8250	0.9419	0.9518	0.9258	0.9136	0.9574	0.9494	0.9405
13.8	0.8455	0.9658	0.9703	0.9611	0.9528	0.9798	0.9735	0.9642
13.9	0.8421	0.9741	0.9793	0.9677	0.9560	0.9852	0.9761	0.9721
14.0	0.8669	0.9843	0.9897	0.9728	0.9592	0.9902	0.9721	0.9835
14.1	0.8620	0.9841	0.9937	0.9513	0.9514	0.9809	0.9497	0.9829
14.2	0.8979	0.9879	0.9949	0.9366	0.9186	0.9693	0.9425	0.9859
14.3	0.9382	0.9935	0.9938	0.9354	0.9371	0.9584	0.9500	0.9917
14.4	0.9466	0.9952	0.9894	0.9122	0.9310	0.9231	0.9427	0.9943
14.5	0.9697	0.9959	0.9910	0.9228	0.9269	0.8770	0.9613	0.9946
14.6	0.9673	0.9934	0.9872	0.8320	0.8727	0.7598	0.9389	0.9930
14.7	0.9820	0.9904	0.9917	0.7589	0.8760	0.9035	0.9472	0.9940
14.8	0.9843	0.9899	0.9955	0.7209	0.8870	0.9554	0.9601	0.9961
14.9	0.9715	0.9831	0.9962	0.6182	0.8998	0.9692	0.9511	0.9966
15.0	0.9349	0.9831	0.9954	0.6577	0.9099	0.9744	0.9220	0.9967
15.1	0.9354	0.9946	0.9967	0.8860	0.9084	0.9898	0.9256	0.9974
15.2	0.9523	0.9980	0.9982	0.9544	0.9377	0.9959	0.9367	0.9971
15.3	0.9231	0.9984	0.9974	0.9616	0.8833	0.9964	0.9213	0.9950
15.4	0.9050	0.9987	0.9981	0.9713	0.8371	0.9967	0.9374	0.9956
15.5	0.9175	0.9986	0.9985	0.9801	0.8517	0.9981	0.9589	0.9968
15.6	0.8531	0.9979	0.9980	0.9740	0.8012	0.9970	0.9475	0.9961
15.7	0.8799	0.9985	0.9987	0.9856	0.8472	0.9975	0.9672	0.9969
15.8	0.8996	0.9985	0.9988	0.9867	0.8331	0.9978	0.9758	0.9968
15.9	0.8879	0.9983	0.9987	0.9875	0.7708	0.9978	0.9710	0.9972
16.0	0.8819	0.9986	0.9992	0.9903	0.7574	0.9982	0.9780	0.9972
16.1	0.9027	0.9988	0.9991	0.9917	0.8435	0.9983	0.9793	0.9968
16.2	0.9088	0.9989	0.9990	0.9893	0.8006	0.9975	0.9663	0.9966
16.3	0.9077	0.9982	0.9992	0.9883	0.8043	0.9970	0.9613	0.9975
16.4	0.9005	0.9980	0.9988	0.9880	0.8441	0.9969	0.9610	0.9961
16.5	0.8791	0.9986	0.9993	0.9900	0.8101	0.9955	0.9645	0.9959

16.6	0.8460	0.9983	0.9994	0.9921	0.7253	0.9956	0.9626	0.9965
16.7	0.6099	0.9956	0.9993	0.9919	0.7396	0.9946	0.9600	0.9963
16.8	0.5484	0.9925	0.9990	0.9933	0.7779	0.9952	0.9568	0.9962
16.9	0.7706	0.9931	0.9989	0.9928	0.6852	0.9956	0.9366	0.9964
17.0	0.8256	0.9949	0.9992	0.9929	0.5861	0.9931	0.9235	0.9969
17.1	0.8741	0.9867	0.9988	0.9938	0.6366	0.9871	0.9258	0.9963
17.2	0.9245	0.9924	0.9986	0.9957	0.6051	0.9922	0.9401	0.9978
17.3	0.9511	0.9959	0.9994	0.9965	0.6825	0.9964	0.9532	0.9987
17.4	0.8997	0.9905	0.9992	0.9937	0.6012	0.9945	0.9056	0.9974
17.5	0.8972	0.9934	0.9993	0.9940	0.5764	0.9959	0.8864	0.9970
17.6	0.9227	0.9966	0.9994	0.9952	0.6340	0.9963	0.9180	0.9977
17.7	0.9253	0.9951	0.9994	0.9959	0.6400	0.9959	0.8976	0.9976
17.8	0.9415	0.9919	0.9992	0.9944	0.5132	0.9955	0.8842	0.9977
17.9	0.9505	0.9891	0.9994	0.9943	0.5508	0.9952	0.9157	0.9980
18.0	0.9461	0.9900	0.9994	0.9960	0.7329	0.9953	0.9201	0.9973
18.1	0.9324	0.9929	0.9995	0.9942	0.6578	0.9945	0.9391	0.9970
18.2	0.9082	0.9919	0.9993	0.9926	0.6916	0.9920	0.9294	0.9967
18.3	0.9174	0.9946	0.9996	0.9932	0.6946	0.9904	0.9551	0.9972
18.4	0.9092	0.9945	0.9995	0.9906	0.7469	0.9819	0.9658	0.9967
18.5	0.6908	0.9814	0.9993	0.9511	0.8199	0.9110	0.9261	0.9951
18.6	0.5684	0.9605	0.9993	0.9378	0.7652	0.8757	0.8060	0.9922
18.7	0.8355	0.9536	0.9995	0.9716	0.7460	0.9613	0.6208	0.9938
18.8	0.9238	0.9703	0.9994	0.9928	0.7466	0.9867	0.8549	0.9949
18.9	0.9498	0.9813	0.9995	0.9963	0.7213	0.9889	0.9304	0.9946
19.0	0.9558	0.9570	0.9993	0.9966	0.6583	0.9874	0.9285	0.9917
19.1	0.9560	0.9378	0.9994	0.9962	0.7463	0.9876	0.9373	0.9893
19.2	0.9576	0.9317	0.9995	0.9966	0.7202	0.9886	0.9590	0.9874
19.3	0.9697	0.9170	0.9996	0.9966	0.7839	0.9915	0.9622	0.9877
19.4	0.9770	0.8944	0.9995	0.9971	0.7634	0.9929	0.9669	0.9870
19.5	0.9763	0.8041	0.9994	0.9949	0.8033	0.9892	0.9599	0.9744
19.6	0.9785	0.7635	0.9993	0.9954	0.8140	0.9925	0.9639	0.9616
19.7	0.9828	0.8405	0.9993	0.9960	0.7224	0.9944	0.9667	0.9599
19.8	0.9852	0.8886	0.9994	0.9958	0.7305	0.9932	0.9718	0.9519
19.9	0.9853	0.8890	0.9993	0.9959	0.7967	0.9917	0.9700	0.9280
20.0	0.9855	0.9133	0.9993	0.9958	0.7755	0.9889	0.9669	0.9120
20.1	0.9912	0.9467	0.9994	0.9964	0.8136	0.9892	0.9741	0.8832
20.2	0.9904	0.9481	0.9995	0.9970	0.8013	0.9914	0.9783	0.8696
20.3	0.9864	0.9449	0.9995	0.9957	0.7114	0.9901	0.9791	0.8622
20.4	0.9820	0.9386	0.9993	0.9947	0.7446	0.9908	0.9804	0.8937
20.5	0.9792	0.9478	0.9992	0.9944	0.6841	0.9896	0.9754	0.8977
20.6	0.9734	0.9435	0.9993	0.9929	0.6523	0.9881	0.9691	0.8991
20.7	0.9728	0.9605	0.9993	0.9918	0.8024	0.9857	0.9758	0.9380
20.8	0.9659	0.9642	0.9992	0.9914	0.7692	0.9886	0.9767	0.9534
20.9	0.9439	0.9665	0.9993	0.9920	0.7509	0.9864	0.9694	0.9663
21.0	0.9435	0.9715	0.9992	0.9892	0.7489	0.9827	0.9713	0.9691
21.1	0.8945	0.9567	0.9990	0.9830	0.6563	0.9797	0.9642	0.9635
21.2	0.8570	0.9633	0.9990	0.9836	0.6675	0.9831	0.9715	0.9726
21.3	0.7748	0.9630	0.9990	0.9818	0.7956	0.9799	0.9678	0.9729
21.4	0.6130	0.9510	0.9991	0.9780	0.7644	0.9825	0.9576	0.9728
21.5	0.6152	0.9492	0.9991	0.9765	0.7979	0.9875	0.9565	0.9796
21.6	0.5905	0.9474	0.9993	0.9796	0.8635	0.9880	0.9535	0.9832
21.7	0.5588	0.9108	0.9990	0.9698	0.8477	0.9796	0.9306	0.9770
21.8	0.6072	0.8975	0.9989	0.9715	0.8580	0.9767	0.9131	0.9809
21.9	0.7494	0.8808	0.9989	0.9714	0.9110	0.9793	0.9238	0.9851
22.0	0.8586	0.9091	0.9988	0.9828	0.9112	0.9846	0.9335	0.9864
22.1	0.9205	0.9300	0.9989	0.9848	0.9117	0.9914	0.9398	0.9882
22.2	0.9302	0.9281	0.9986	0.9799	0.9008	0.9914	0.9484	0.9844
22.3	0.9324	0.9370	0.9982	0.9811	0.9269	0.9906	0.9548	0.9843
22.4	0.9417	0.9431	0.9978	0.9768	0.9324	0.9930	0.9421	0.9780
22.5	0.9683	0.9725	0.9985	0.9870	0.9501	0.9945	0.9726	0.9831
22.6	0.9618	0.9708	0.9978	0.9841	0.9379	0.9922	0.9744	0.9747
22.7	0.9583	0.9749	0.9978	0.9834	0.9478	0.9929	0.9707	0.9695
22.8	0.9520	0.9764	0.9981	0.9820	0.9280	0.9882	0.9714	0.9507
22.9	0.9553	0.9844	0.9983	0.9857	0.9532	0.9887	0.9813	0.9496
23.0	0.9169	0.9830	0.9983	0.9832	0.9316	0.9855	0.9767	0.9313
23.1	0.9376	0.9903	0.9988	0.9885	0.9309	0.9919	0.9808	0.9240
23.2	0.9329	0.9894	0.9985	0.9858	0.9096	0.9925	0.9793	0.8783
23.3	0.9396	0.9930	0.9989	0.9891	0.9045	0.9938	0.9851	0.8767
23.4	0.9606	0.9928	0.9990	0.9893	0.9066	0.9949	0.9855	0.8070
23.5	0.9651	0.9961	0.9994	0.9931	0.8995	0.9968	0.9914	0.7945
23.6	0.9601	0.9976	0.9996	0.9957	0.8956	0.9972	0.9927	0.7660
23.7	0.9618	0.9976	0.9995	0.9957	0.8936	0.9968	0.9919	0.5365
23.8	0.9613	0.9976	0.9994	0.9962	0.8574	0.9967	0.9912	0.2117
23.9	0.9544	0.9981	0.9996	0.9971	0.8175	0.9974	0.9918	0.1220
24.0	0.9550	0.9984	0.9995	0.9974	0.8465	0.9976	0.9908	0.2147
24.1	0.9637	0.9987	0.9996	0.9972	0.8488	0.9974	0.9904	0.4029
24.2	0.9618	0.9988	0.9995	0.9971	0.8487	0.9975	0.9891	0.5515
24.3	0.9483	0.9986	0.9992	0.9969	0.8613	0.9976	0.9897	0.6410
24.4	0.9319	0.9983	0.9993	0.9974	0.7311	0.9963	0.9896	0.6060
24.5	0.9400	0.9986	0.9995	0.9962	0.5644	0.9956	0.9893	0.6730
24.6	0.9542	0.9985	0.9996	0.9966	0.5659	0.9969	0.9886	0.7953
24.7	0.9601	0.9984	0.9995	0.9968	0.6362	0.9972	0.9879	0.7793
24.8	0.9772	0.9988	0.9996	0.9973	0.6433	0.9977	0.9912	0.8283
24.9	0.9725	0.9990	0.9995	0.9963	0.5438	0.9978	0.9890	0.8512
25.0	0.9495	0.9985	0.9993	0.9948	0.6277	0.9974	0.9853	0.8371
25.1	0.9674	0.9989	0.9994	0.9960	0.5863	0.9982	0.9890	0.8198

25.2	0.9788	0.9992	0.9996	0.9968	0.5963	0.9983	0.9897	0.8887
25.3	0.9773	0.9991	0.9995	0.9967	0.5562	0.9981	0.9880	0.8963
25.4	0.9702	0.9986	0.9991	0.9953	0.6408	0.9971	0.9848	0.8459
25.5	0.9796	0.9988	0.9993	0.9959	0.6339	0.9977	0.9894	0.9122
25.6	0.9712	0.9981	0.9992	0.9944	0.5978	0.9964	0.9861	0.8998
25.7	0.9737	0.9979	0.9990	0.9930	0.3254	0.9967	0.9795	0.8910
25.8	0.9801	0.9971	0.9988	0.9943	0.3909	0.9980	0.9808	0.9181
25.9	0.9759	0.9965	0.9990	0.9963	0.4557	0.9980	0.9836	0.9492
26.0	0.9782	0.9969	0.9992	0.9962	0.5261	0.9971	0.9731	0.9644
26.1	0.9861	0.9959	0.9991	0.9948	0.5238	0.9974	0.9563	0.9559
26.2	0.9786	0.9939	0.9986	0.9950	0.1901	0.9957	0.9370	0.9512
26.3	0.9826	0.9957	0.9991	0.9962	0.2367	0.9969	0.9336	0.9705
26.4	0.9867	0.9933	0.9992	0.9962	0.3603	0.9976	0.9240	0.9794
26.5	0.9800	0.9889	0.9989	0.9958	0.3880	0.9971	0.8973	0.9770
26.6	0.9777	0.9846	0.9988	0.9951	0.3953	0.9964	0.8773	0.9829
26.7	0.9857	0.9874	0.9990	0.9965	0.2888	0.9975	0.9166	0.9881
26.8	0.9849	0.9837	0.9989	0.9963	0.2880	0.9974	0.9195	0.9870
26.9	0.9846	0.9708	0.9986	0.9965	0.2871	0.9968	0.9154	0.9889
27.0	0.9877	0.9614	0.9987	0.9958	0.0904	0.9959	0.9127	0.9851
27.1	0.9869	0.9671	0.9989	0.9970	0.0089	0.9970	0.9307	0.9894
27.2	0.9870	0.9786	0.9986	0.9972	0.0308	0.9967	0.9479	0.9913
27.3	0.9834	0.9650	0.9976	0.9961	0.0411	0.9938	0.9522	0.9872
27.4	0.9789	0.9590	0.9973	0.9952	0.0102	0.9919	0.9521	0.9850
27.5	0.9739	0.9659	0.9968	0.9938	0.0086	0.9841	0.9534	0.9756
27.6	0.9781	0.9801	0.9976	0.9954	0.0595	0.9838	0.9719	0.9842
27.7	0.9869	0.9872	0.9987	0.9967	0.1120	0.9908	0.9824	0.9905
27.8	0.9902	0.9904	0.9988	0.9967	0.2122	0.9905	0.9826	0.9904
27.9	0.9884	0.9910	0.9987	0.9961	0.0988	0.9856	0.9779	0.9862
28.0	0.9901	0.9902	0.9988	0.9954	0.0873	0.9872	0.9749	0.9862
28.1	0.9913	0.9934	0.9989	0.9942	0.0845	0.9900	0.9680	0.9851
28.2	0.9896	0.9954	0.9987	0.9936	0.2148	0.9884	0.9488	0.9813
28.3	0.9880	0.9953	0.9983	0.9937	0.1983	0.9837	0.9419	0.9757
28.4	0.9939	0.9954	0.9984	0.9962	0.1746	0.9868	0.9451	0.9765
28.5	0.9956	0.9972	0.9990	0.9975	0.2381	0.9914	0.9614	0.9847
28.6	0.9944	0.9973	0.9992	0.9974	0.1469	0.9918	0.9616	0.9863
28.7	0.9916	0.9955	0.9988	0.9960	0.2227	0.9874	0.9527	0.9815
28.8	0.9925	0.9957	0.9990	0.9965	0.2080	0.9881	0.9465	0.9797
28.9	0.9912	0.9941	0.9992	0.9977	0.0999	0.9890	0.9561	0.9842
29.0	0.9870	0.9943	0.9990	0.9976	0.0520	0.9881	0.9558	0.9840
29.1	0.9902	0.9950	0.9992	0.9980	0.0263	0.9895	0.9574	0.9882
29.2	0.9894	0.9927	0.9991	0.9967	0.0942	0.9899	0.9574	0.9878
29.3	0.9901	0.9913	0.9991	0.9964	0.0807	0.9913	0.9547	0.9889
29.4	0.9873	0.9927	0.9991	0.9971	0.2835	0.9912	0.9500	0.9926
29.5	0.9880	0.9944	0.9992	0.9977	0.1015	0.9915	0.9615	0.9927
29.6	0.9836	0.9931	0.9992	0.9973	0.0694	0.9897	0.9674	0.9943
29.7	0.9830	0.9915	0.9988	0.9966	0.0732	0.9900	0.9570	0.9926
29.8	0.9843	0.9940	0.9991	0.9969	0.2213	0.9912	0.9619	0.9943
29.9	0.9842	0.9883	0.9992	0.9948	0.2013	0.9929	0.9468	0.9943
30.0	0.9804	0.9900	0.9991	0.9953	0.0701	0.9913	0.9581	0.9941
30.1	0.9757	0.9921	0.9992	0.9970	0.0816	0.9881	0.9648	0.9926
30.2	0.9781	0.9925	0.9993	0.9968	0.0149	0.9897	0.9681	0.9930
30.3	0.9825	0.9941	0.9992	0.9964	0.1337	0.9906	0.9712	0.9926
30.4	0.9868	0.9954	0.9991	0.9973	0.1366	0.9923	0.9750	0.9935
30.5	0.9891	0.9948	0.9993	0.9959	0.1098	0.9951	0.9789	0.9928
30.6	0.9890	0.9952	0.9994	0.9956	0.0511	0.9957	0.9770	0.9911
30.7	0.9873	0.9958	0.9995	0.9952	0.1079	0.9959	0.9734	0.9870
30.8	0.9813	0.9955	0.9992	0.9912	0.0725	0.9947	0.9615	0.9817
30.9	0.9836	0.9964	0.9991	0.9920	0.1357	0.9948	0.9675	0.9868
31.0	0.9807	0.9972	0.9990	0.9903	0.2091	0.9941	0.9590	0.9814
31.1	0.9827	0.9960	0.9990	0.9850	0.1042	0.9951	0.9506	0.9712
31.2	0.9868	0.9971	0.9992	0.9914	0.0758	0.9965	0.9653	0.9800
31.3	0.9825	0.9974	0.9993	0.9864	0.1846	0.9959	0.9579	0.9743
31.4	0.9741	0.9961	0.9992	0.9808	0.2007	0.9946	0.9464	0.9689
31.5	0.9647	0.9944	0.9992	0.9723	0.1835	0.9948	0.9302	0.9565
31.6	0.9715	0.9939	0.9992	0.9672	0.1568	0.9945	0.9214	0.9483
31.7	0.9750	0.9954	0.9993	0.9705	0.1073	0.9952	0.9294	0.9545
31.8	0.9789	0.9949	0.9992	0.9670	0.2801	0.9959	0.9285	0.9532
31.9	0.9780	0.9949	0.9992	0.9574	0.3191	0.9956	0.9204	0.9434
32.0	0.9737	0.9940	0.9992	0.9484	0.4262	0.9948	0.9153	0.9337
32.1	0.9735	0.9933	0.9991	0.9272	0.4546	0.9955	0.9038	0.9204
32.2	0.9794	0.9931	0.9992	0.9234	0.4859	0.9948	0.9208	0.9282
32.3	0.9659	0.9920	0.9990	0.9061	0.3560	0.9934	0.9148	0.9210
32.4	0.9663	0.9897	0.9991	0.8570	0.3908	0.9904	0.8869	0.8886
32.5	0.9531	0.9876	0.9988	0.8018	0.2956	0.9861	0.8837	0.8718
32.6	0.9531	0.9887	0.9990	0.7643	0.2038	0.9822	0.8958	0.8670
32.7	0.9608	0.9900	0.9992	0.7437	0.1825	0.9831	0.9075	0.8622
32.8	0.9680	0.9924	0.9993	0.7406	0.2058	0.9768	0.9089	0.8544
32.9	0.9742	0.9915	0.9993	0.7565	0.1354	0.9709	0.9120	0.8545
33.0	0.9760	0.9910	0.9992	0.7308	0.2435	0.9615	0.8916	0.7839
33.1	0.9757	0.9927	0.9993	0.7611	0.2865	0.9572	0.9197	0.8087
33.2	0.9814	0.9928	0.9990	0.7673	0.2057	0.9532	0.9324	0.8322
33.3	0.9843	0.9924	0.9990	0.7253	0.2305	0.9592	0.9324	0.8314
33.4	0.9836	0.9911	0.9987	0.6515	0.1636	0.9589	0.9280	0.7790
33.5	0.9847	0.9894	0.9987	0.6996	0.0964	0.9643	0.9290	0.7269
33.6	0.9870	0.9912	0.9990	0.7923	0.1340	0.9727	0.9317	0.6963
33.7	0.9883	0.9943	0.9992	0.8619	0.1765	0.9776	0.9439	0.6426

33.8	0.9867	0.9924	0.9991	0.8922	0.1080	0.9753	0.9323	0.4819
33.9	0.9889	0.9941	0.9991	0.9118	0.1639	0.9827	0.9368	0.3050
34.0	0.9909	0.9937	0.9992	0.9085	0.1132	0.9828	0.9295	0.1043
34.1	0.9872	0.9950	0.9990	0.9284	0.0671	0.9770	0.9080	0.0323
34.2	0.9862	0.9949	0.9992	0.9282	0.1424	0.9738	0.9165	0.0270
34.3	0.9884	0.9959	0.9992	0.9534	0.1075	0.9759	0.9151	0.1381
34.4	0.9892	0.9956	0.9989	0.9581	0.2361	0.9778	0.9061	0.2407
34.5	0.9863	0.9938	0.9989	0.9440	0.1092	0.9691	0.8966	0.2102
34.6	0.9821	0.9934	0.9991	0.9511	0.0632	0.9686	0.9145	0.3615
34.7	0.9840	0.9937	0.9989	0.9561	0.0573	0.9713	0.9501	0.5104
34.8	0.9880	0.9955	0.9988	0.9636	0.1139	0.9682	0.9596	0.4611
34.9	0.9852	0.9945	0.9988	0.9635	0.2266	0.9721	0.9576	0.5744
35.0	0.9877	0.9954	0.9992	0.9648	0.2035	0.9679	0.9720	0.6660
35.1	0.9911	0.9964	0.9994	0.9803	0.0901	0.9665	0.9802	0.7947
35.2	0.9896	0.9954	0.9994	0.9811	0.1488	0.9552	0.9766	0.8279
35.3	0.9884	0.9926	0.9991	0.9784	0.1834	0.9271	0.9668	0.8368
35.4	0.9817	0.9906	0.9986	0.9740	0.1022	0.9140	0.9516	0.8547
35.5	0.9846	0.9938	0.9990	0.9811	0.0274	0.9200	0.9470	0.8951
35.6	0.9847	0.9934	0.9990	0.9826	0.0236	0.8687	0.9409	0.9269
35.7	0.9867	0.9927	0.9991	0.9854	0.0210	0.8364	0.9378	0.9197
35.8	0.9856	0.9914	0.9988	0.9830	0.0192	0.5203	0.9240	0.9008
35.9	0.9906	0.9899	0.9988	0.9825	0.0755	0.0746	0.9559	0.9130
36.0	0.9919	0.9894	0.9989	0.9825	0.0883	0.2587	0.9578	0.8975
36.1	0.9905	0.9866	0.9987	0.9775	0.1414	0.5743	0.9393	0.8348
36.2	0.9933	0.9916	0.9990	0.9820	0.1298	0.7632	0.9570	0.8713
36.3	0.9934	0.9903	0.9988	0.9820	0.1113	0.8332	0.9712	0.8499
36.4	0.9937	0.9901	0.9987	0.9833	0.1227	0.8413	0.9693	0.8282
36.5	0.9945	0.9914	0.9988	0.9873	0.0839	0.8819	0.9770	0.8330
36.6	0.9942	0.9906	0.9990	0.9847	0.0287	0.9244	0.9819	0.8288
36.7	0.9935	0.9899	0.9989	0.9813	0.0672	0.9196	0.9792	0.7707
36.8	0.9950	0.9889	0.9989	0.9861	0.0756	0.9281	0.9844	0.8181
36.9	0.9943	0.9867	0.9986	0.9858	0.1179	0.9327	0.9863	0.8583
37.0	0.9945	0.9868	0.9985	0.9845	0.1079	0.9230	0.9847	0.8007
37.1	0.9935	0.9926	0.9991	0.9860	0.0848	0.9346	0.9821	0.8726
37.2	0.9925	0.9915	0.9991	0.9815	0.0829	0.9272	0.9839	0.8669
37.3	0.9904	0.9860	0.9986	0.9810	0.0903	0.9360	0.9820	0.8841
37.4	0.9917	0.9839	0.9987	0.9824	0.1132	0.8996	0.9838	0.8778
37.5	0.9906	0.9804	0.9988	0.9811	0.1192	0.9067	0.9804	0.9009
37.6	0.9896	0.9708	0.9983	0.9802	0.1214	0.9009	0.9817	0.8945
37.7	0.9913	0.9700	0.9980	0.9810	0.2103	0.9007	0.9835	0.9074
37.8	0.9905	0.9715	0.9983	0.9810	0.1134	0.9297	0.9839	0.9427
37.9	0.9896	0.9663	0.9979	0.9814	0.2450	0.9182	0.9850	0.9367
38.0	0.9897	0.9704	0.9978	0.9837	0.1787	0.9343	0.9828	0.9409
38.1	0.9921	0.9772	0.9984	0.9862	0.1488	0.9411	0.9862	0.9626
38.2	0.9916	0.9751	0.9985	0.9852	0.1137	0.9299	0.9872	0.9563
38.3	0.9951	0.9757	0.9988	0.9899	0.1661	0.9253	0.9907	0.9627
38.4	0.9944	0.9769	0.9983	0.9888	0.1851	0.9114	0.9891	0.9630
38.5	0.9933	0.9745	0.9984	0.9878	0.1787	0.8877	0.9882	0.9575
38.6	0.9926	0.9702	0.9983	0.9879	0.2385	0.8812	0.9857	0.9507
38.7	0.9941	0.9707	0.9984	0.9898	0.1228	0.8623	0.9896	0.9552
38.8	0.9938	0.9741	0.9989	0.9891	0.1339	0.8284	0.9895	0.9568
38.9	0.9920	0.9782	0.9988	0.9889	0.2109	0.8357	0.9893	0.9492
39.0	0.9931	0.9685	0.9985	0.9889	0.0628	0.8657	0.9878	0.9528
39.1	0.9917	0.9546	0.9981	0.9858	0.0851	0.8488	0.9848	0.9372
39.2	0.9942	0.9639	0.9982	0.9897	0.0405	0.8997	0.9888	0.9378
39.3	0.9940	0.9554	0.9982	0.9902	0.0396	0.9118	0.9868	0.9123
39.4	0.9916	0.9467	0.9976	0.9853	0.0260	0.9120	0.9827	0.8675
39.5	0.9895	0.9522	0.9979	0.9850	0.1989	0.9309	0.9832	0.8925
39.6	0.9928	0.9601	0.9985	0.9883	0.1440	0.9510	0.9866	0.9131
39.7	0.9937	0.9731	0.9980	0.9853	0.1872	0.9400	0.9875	0.8766
39.8	0.9899	0.9699	0.9978	0.9836	0.2103	0.9422	0.9864	0.8620
39.9	0.9898	0.9587	0.9979	0.9861	0.2474	0.9381	0.9857	0.8619
40.0	0.9896	0.9601	0.9971	0.9821	0.0869	0.9228	0.9796	0.8197
40.1	0.9916	0.9596	0.9969	0.9822	0.1799	0.9206	0.9807	0.8243
40.2	0.9940	0.9630	0.9975	0.9854	0.2119	0.9244	0.9823	0.7566
40.3	0.9856	0.9540	0.9966	0.9770	0.1063	0.9135	0.9775	0.6085
40.4	0.9871	0.9582	0.9975	0.9797	0.2049	0.9160	0.9780	0.6807
40.5	0.9884	0.9616	0.9969	0.9812	0.2219	0.9233	0.9794	0.6934
40.6	0.9901	0.9521	0.9963	0.9850	0.2078	0.9132	0.9845	0.6881
40.7	0.9885	0.9274	0.9964	0.9829	0.3067	0.9045	0.9770	0.6553
40.8	0.9841	0.8504	0.9950	0.9703	0.1839	0.8543	0.9685	0.5886
40.9	0.9872	0.7673	0.9950	0.9746	0.1082	0.8618	0.9747	0.6511
41.0	0.9817	0.6499	0.9948	0.9714	0.1023	0.8606	0.9677	0.6929
41.1	0.9827	0.6398	0.9962	0.9811	0.1220	0.8693	0.9707	0.6895
41.2	0.9751	0.6571	0.9953	0.9748	0.1659	0.8335	0.9692	0.7261
41.3	0.9797	0.8189	0.9963	0.9745	0.2196	0.8822	0.9741	0.8076
41.4	0.9786	0.8060	0.9971	0.9724	0.1306	0.8778	0.9733	0.7745
41.5	0.9668	0.7921	0.9966	0.9679	0.1487	0.8779	0.9739	0.7304
41.6	0.9551	0.8496	0.9958	0.9594	0.3569	0.8606	0.9663	0.5085
41.7	0.9704	0.8262	0.9959	0.9565	0.3639	0.8682	0.9584	0.4348
41.8	0.9770	0.8858	0.9954	0.9663	0.4326	0.8886	0.9508	0.6772
41.9	0.9749	0.9260	0.9956	0.9715	0.3866	0.9102	0.9563	0.7478
42.0	0.9662	0.9304	0.9952	0.9650	0.5089	0.9043	0.9593	0.7634
42.1	0.9633	0.9339	0.9949	0.9621	0.4643	0.8993	0.9549	0.7517
42.2	0.9704	0.9273	0.9936	0.9620	0.5070	0.9017	0.9494	0.6810
42.3	0.9676	0.9374	0.9946	0.9635	0.4288	0.9125	0.9490	0.5855

42.4	0.9660	0.9424	0.9955	0.9714	0.3750	0.9229	0.9584	0.7753
42.5	0.9615	0.9366	0.9960	0.9763	0.3781	0.9116	0.9464	0.8051
42.6	0.9426	0.9217	0.9951	0.9723	0.5507	0.8717	0.9279	0.7537
42.7	0.9391	0.9345	0.9934	0.9780	0.3662	0.9024	0.9278	0.6450
42.8	0.9305	0.9393	0.9880	0.9601	0.3589	0.8953	0.9086	0.5556
42.9	0.9248	0.9267	0.9895	0.9631	0.3114	0.8913	0.9119	0.5938
43.0	0.9497	0.9536	0.9925	0.9755	0.4386	0.9367	0.9325	0.6246
43.1	0.9600	0.9644	0.9917	0.9801	0.6138	0.9392	0.9198	0.6558
43.2	0.9472	0.9665	0.9917	0.9822	0.5656	0.9488	0.9323	0.7132
43.3	0.9118	0.9488	0.9916	0.9714	0.4742	0.9422	0.9419	0.6692
43.4	0.8773	0.9352	0.9890	0.9493	0.4154	0.9376	0.9116	0.5907
43.5	0.9152	0.9489	0.9891	0.9648	0.4710	0.9498	0.9127	0.6905
43.6	0.9216	0.9577	0.9871	0.9725	0.4222	0.9552	0.9281	0.7836
43.7	0.9250	0.9565	0.9876	0.9794	0.4152	0.9415	0.9367	0.7884
43.8	0.9465	0.9612	0.9926	0.9825	0.4820	0.9568	0.9478	0.7967
43.9	0.9486	0.9555	0.9923	0.9844	0.4604	0.9636	0.9475	0.8178
44.0	0.8842	0.8768	0.9850	0.9701	0.3868	0.9460	0.9177	0.8067
44.1	0.8017	0.8640	0.9834	0.9615	0.2532	0.9367	0.9028	0.7455
44.2	0.8243	0.8509	0.9829	0.9619	0.3165	0.9457	0.8997	0.8030
44.3	0.8209	0.9001	0.9816	0.9554	0.4260	0.9481	0.8732	0.8014
44.4	0.8743	0.9447	0.9842	0.9630	0.5417	0.9238	0.8984	0.8171
44.5	0.7652	0.9439	0.9754	0.9559	0.4565	0.8925	0.8692	0.7961
44.6	0.6823	0.9398	0.9705	0.9469	0.3221	0.9308	0.8723	0.8027
44.7	0.6256	0.9551	0.9691	0.9569	0.4667	0.9612	0.9127	0.8527
44.8	0.5570	0.8927	0.9530	0.9400	0.5118	0.9540	0.8914	0.7802
44.9	0.7638	0.9447	0.9614	0.9621	0.3609	0.9646	0.9055	0.7934
45.0	0.7188	0.9408	0.9594	0.9497	0.3873	0.9612	0.8799	0.7848
45.1	0.7103	0.9347	0.9506	0.9510	0.4494	0.9467	0.8639	0.7890
45.2	0.6501	0.9487	0.9507	0.9532	0.5376	0.9544	0.8916	0.8422
45.3	0.6079	0.9577	0.9564	0.9585	0.5902	0.9524	0.9060	0.8656
45.4	0.5476	0.9445	0.9408	0.9371	0.5023	0.9428	0.8843	0.8851
45.5	0.3772	0.9437	0.9107	0.8928	0.2982	0.9449	0.8242	0.8609
45.6	0.2181	0.9390	0.9029	0.8926	0.3022	0.9469	0.8530	0.8838
45.7	0.3821	0.9430	0.8980	0.9093	0.4177	0.9511	0.8768	0.8732
45.8	0.3552	0.9391	0.8892	0.9043	0.4837	0.9475	0.8703	0.8689
45.9	0.3846	0.9451	0.8898	0.8872	0.5859	0.9655	0.8666	0.8883
46.0	0.5976	0.9626	0.9165	0.9225	0.6071	0.9729	0.9078	0.9084
46.1	0.6164	0.9637	0.9077	0.9184	0.5863	0.9725	0.8954	0.9154
46.2	0.5038	0.9617	0.8956	0.8897	0.5633	0.9713	0.8619	0.9224
46.3	0.4764	0.9642	0.9127	0.8428	0.6363	0.9657	0.7907	0.9488
46.4	0.7098	0.9743	0.9291	0.8744	0.6451	0.9749	0.8258	0.9622
46.5	0.7791	0.9777	0.9310	0.8876	0.7283	0.9748	0.8695	0.9696
46.6	0.6737	0.9660	0.9031	0.8100	0.5473	0.9658	0.7961	0.9492
46.7	0.6865	0.9605	0.9042	0.7628	0.5025	0.9578	0.6800	0.9511
46.8	0.7230	0.9665	0.9202	0.7720	0.5817	0.9644	0.7281	0.9687
46.9	0.7898	0.9625	0.9395	0.7963	0.5507	0.9768	0.7354	0.9664
47.0	0.7704	0.9626	0.9375	0.7288	0.5566	0.9788	0.5969	0.9630
47.1	0.7885	0.9511	0.9510	0.6835	0.4697	0.9754	0.4159	0.9513
47.2	0.8065	0.9494	0.9574	0.7050	0.5771	0.9728	0.2843	0.9397
47.3	0.8720	0.9609	0.9697	0.7679	0.5966	0.9775	0.4048	0.9416
47.4	0.8627	0.9640	0.9665	0.7135	0.6511	0.9802	0.4378	0.9563
47.5	0.8289	0.9565	0.9626	0.6562	0.4951	0.9777	0.2919	0.9264
47.6	0.8425	0.9538	0.9651	0.6417	0.4724	0.9717	0.1532	0.9003
47.7	0.8576	0.9571	0.9648	0.6646	0.5889	0.9588	0.0315	0.9040
47.8	0.8876	0.9357	0.9704	0.7117	0.5807	0.9578	0.1637	0.8564
47.9	0.8878	0.9444	0.9691	0.6705	0.4020	0.9646	0.2840	0.7477
48.0	0.9036	0.9539	0.9768	0.7339	0.2797	0.9619	0.4228	0.5082
48.1	0.9389	0.9782	0.9862	0.8232	0.1935	0.9585	0.6912	0.7278
48.2	0.9449	0.9859	0.9872	0.8428	0.3446	0.9742	0.8349	0.7918
48.3	0.9498	0.9855	0.9878	0.8698	0.3764	0.9824	0.8538	0.7054
48.4	0.9394	0.9887	0.9866	0.8582	0.3884	0.9687	0.8457	0.6823
48.5	0.9365	0.9885	0.9879	0.8602	0.1783	0.9772	0.8412	0.5996
48.6	0.9327	0.9879	0.9857	0.8406	0.1714	0.9806	0.8452	0.7506
48.7	0.9321	0.9904	0.9859	0.8369	0.3112	0.9809	0.8418	0.7062
48.8	0.9366	0.9884	0.9870	0.8407	0.1786	0.9754	0.8557	0.7775
48.9	0.9478	0.9848	0.9904	0.8737	0.0547	0.9709	0.8881	0.8425
49.0	0.9554	0.9877	0.9917	0.8960	0.0830	0.9830	0.9175	0.8615
49.1	0.9539	0.9897	0.9912	0.9000	0.2127	0.9814	0.9264	0.8924
49.2	0.9495	0.9925	0.9909	0.9008	0.1412	0.9753	0.9309	0.9043
49.3	0.9669	0.9934	0.9931	0.9325	0.1377	0.9801	0.9508	0.9298
49.4	0.9741	0.9949	0.9946	0.9443	0.3539	0.9867	0.9609	0.9601
49.5	0.9627	0.9923	0.9946	0.9268	0.2194	0.9690	0.9446	0.9611
49.6	0.9622	0.9908	0.9945	0.9370	0.1570	0.9373	0.9534	0.9529
49.7	0.9751	0.9905	0.9953	0.9573	0.1370	0.9509	0.9719	0.9580
49.8	0.9788	0.9950	0.9970	0.9679	0.1366	0.9817	0.9780	0.9760
49.9	0.9691	0.9925	0.9959	0.9539	0.1319	0.9760	0.9638	0.9515
50.0	0.9748	0.9917	0.9961	0.9629	0.1584	0.9810	0.9734	0.9529
50.1	0.9813	0.9947	0.9969	0.9690	0.0905	0.9869	0.9765	0.9671
50.2	0.9846	0.9967	0.9977	0.9741	0.1012	0.9844	0.9789	0.9641
50.3	0.9843	0.9958	0.9973	0.9755	0.0117	0.9818	0.9797	0.9593
50.4	0.9774	0.9927	0.9961	0.9698	0.0468	0.9792	0.9747	0.9412
50.5	0.9798	0.9907	0.9967	0.9712	0.0485	0.9822	0.9770	0.9603
50.6	0.9846	0.9927	0.9978	0.9765	0.0235	0.9877	0.9830	0.9681
50.7	0.9860	0.9935	0.9979	0.9795	0.1403	0.9892	0.9875	0.9675
50.8	0.9829	0.9907	0.9968	0.9781	0.2252	0.9855	0.9850	0.9592
50.9	0.9812	0.9936	0.9966	0.9751	0.1749	0.9648	0.9829	0.9396

51.0	0.9827	0.9941	0.9967	0.9792	0.0705	0.9756	0.9843	0.9652
51.1	0.9835	0.9910	0.9970	0.9817	0.1027	0.9863	0.9875	0.9704
51.2	0.9871	0.9927	0.9977	0.9866	0.0735	0.9838	0.9899	0.9721
51.3	0.9827	0.9925	0.9975	0.9845	0.0592	0.9811	0.9875	0.9773
51.4	0.9823	0.9914	0.9974	0.9820	0.1205	0.9825	0.9881	0.9788
51.5	0.9859	0.9912	0.9975	0.9838	0.1570	0.9859	0.9897	0.9816
51.6	0.9863	0.9915	0.9978	0.9857	0.1277	0.9894	0.9901	0.9827
51.7	0.9866	0.9897	0.9978	0.9869	0.1217	0.9896	0.9915	0.9772
51.8	0.9853	0.9868	0.9979	0.9859	0.0583	0.9880	0.9915	0.9680
51.9	0.9790	0.9836	0.9974	0.9837	0.1027	0.9798	0.9904	0.9540
52.0	0.9854	0.9896	0.9973	0.9872	0.0646	0.9898	0.9933	0.9501
52.1	0.9798	0.9850	0.9965	0.9827	0.0383	0.9822	0.9908	0.9441
52.2	0.9797	0.9779	0.9973	0.9842	0.0563	0.9825	0.9912	0.9155
52.3	0.9790	0.9592	0.9967	0.9847	0.0700	0.9788	0.9917	0.8041
52.4	0.9718	0.9597	0.9956	0.9848	0.0197	0.9766	0.9894	0.8017
52.5	0.9764	0.9627	0.9964	0.9835	0.1209	0.9599	0.9903	0.7540
52.6	0.9836	0.9749	0.9963	0.9864	0.1514	0.9602	0.9933	0.6181
52.7	0.9845	0.9781	0.9966	0.9902	0.1591	0.9734	0.9939	0.8257
52.8	0.9837	0.9748	0.9974	0.9889	0.0639	0.9757	0.9934	0.9159
52.9	0.9869	0.9803	0.9979	0.9909	0.0282	0.9675	0.9943	0.9276
53.0	0.9828	0.9787	0.9976	0.9904	0.0005	0.9550	0.9947	0.9256
53.1	0.9768	0.9662	0.9966	0.9878	0.0378	0.9644	0.9917	0.8860
53.2	0.9844	0.9715	0.9970	0.9901	0.1803	0.9794	0.9945	0.9076
53.3	0.9836	0.9638	0.9971	0.9911	0.3093	0.9758	0.9938	0.8721
53.4	0.9832	0.9577	0.9975	0.9912	0.1050	0.9781	0.9950	0.7998
53.5	0.9807	0.9557	0.9968	0.9879	0.1968	0.9627	0.9942	0.3699
53.6	0.9823	0.9671	0.9978	0.9897	0.0847	0.9529	0.9953	0.6522
53.7	0.9845	0.9661	0.9975	0.9898	0.1526	0.9579	0.9946	0.8327
53.8	0.9846	0.9847	0.9982	0.9930	0.1474	0.9697	0.9957	0.9453
53.9	0.9860	0.9813	0.9982	0.9925	0.3355	0.9749	0.9959	0.9077
54.0	0.9836	0.9659	0.9980	0.9909	0.4846	0.9698	0.9950	0.7862
54.1	0.9749	0.9536	0.9973	0.9894	0.5331	0.9494	0.9935	0.7133
54.2	0.9699	0.9606	0.9969	0.9899	0.3854	0.9061	0.9942	0.7563
54.3	0.9733	0.9581	0.9971	0.9904	0.5605	0.9395	0.9940	0.8345
54.4	0.9798	0.9246	0.9973	0.9910	0.6221	0.9600	0.9942	0.8296
54.5	0.9819	0.9017	0.9969	0.9891	0.6449	0.9478	0.9954	0.7652
54.6	0.9839	0.8164	0.9977	0.9918	0.5127	0.9436	0.9970	0.6933
54.7	0.9764	0.7010	0.9971	0.9895	0.4103	0.8929	0.9958	0.6417
54.8	0.9789	0.6744	0.9969	0.9879	0.4497	0.8812	0.9935	0.7073
54.9	0.9792	0.5996	0.9981	0.9918	0.5550	0.9303	0.9944	0.7603
55.0	0.9755	0.2495	0.9972	0.9908	0.5719	0.9243	0.9945	0.7134
55.1	0.9792	0.0415	0.9976	0.9900	0.5388	0.9068	0.9946	0.5730
55.2	0.9800	0.1384	0.9976	0.9868	0.6180	0.8848	0.9948	0.5199
55.3	0.9810	0.3050	0.9977	0.9869	0.5374	0.8890	0.9954	0.5184
55.4	0.9785	0.4169	0.9972	0.9860	0.4519	0.8823	0.9945	0.3618
55.5	0.9759	0.5210	0.9972	0.9850	0.4171	0.8696	0.9950	0.2726
55.6	0.9693	0.4346	0.9970	0.9863	0.4164	0.8695	0.9943	0.4272
55.7	0.9791	0.6268	0.9977	0.9883	0.4930	0.8775	0.9950	0.4482
55.8	0.9702	0.7000	0.9971	0.9833	0.3284	0.8539	0.9948	0.3472
55.9	0.9739	0.7581	0.9972	0.9856	0.3424	0.8756	0.9944	0.3690
56.0	0.9786	0.8214	0.9970	0.9842	0.3371	0.8768	0.9947	0.3811
56.1	0.9655	0.7793	0.9965	0.9806	0.5015	0.8819	0.9932	0.3914
56.2	0.9553	0.7393	0.9961	0.9793	0.5079	0.8905	0.9930	0.4357
56.3	0.9632	0.7896	0.9970	0.9839	0.4905	0.8870	0.9940	0.4524
56.4	0.9635	0.7862	0.9969	0.9816	0.4968	0.8932	0.9944	0.3487
56.5	0.9395	0.7502	0.9958	0.9721	0.4398	0.8538	0.9906	0.2678
56.6	0.9365	0.7887	0.9953	0.9671	0.2582	0.8368	0.9883	0.2189
56.7	0.9452	0.8528	0.9964	0.9738	0.4597	0.8798	0.9907	0.4178
56.8	0.9349	0.8822	0.9953	0.9718	0.4419	0.8921	0.9929	0.5030
56.9	0.9134	0.9072	0.9949	0.9702	0.5143	0.9069	0.9934	0.5238
57.0	0.9324	0.9030	0.9962	0.9688	0.6142	0.9230	0.9940	0.4675
57.1	0.9209	0.8623	0.9945	0.9487	0.4620	0.9167	0.9933	0.2567
57.2	0.9258	0.8833	0.9955	0.9498	0.6280	0.9383	0.9922	0.2535
57.3	0.9105	0.8995	0.9955	0.9532	0.5618	0.9384	0.9917	0.3341
57.4	0.8615	0.8906	0.9929	0.9473	0.4969	0.9120	0.9913	0.4340
57.5	0.8656	0.8692	0.9930	0.9389	0.4515	0.9266	0.9896	0.4009
57.6	0.8480	0.8863	0.9947	0.9356	0.3616	0.9367	0.9920	0.5320
57.7	0.8576	0.9083	0.9944	0.9247	0.4965	0.9499	0.9952	0.5258
57.8	0.8826	0.8795	0.9948	0.9065	0.5248	0.9600	0.9927	0.4571
57.9	0.8678	0.8507	0.9931	0.8822	0.3138	0.9540	0.9901	0.4784
58.0	0.9004	0.9015	0.9945	0.9142	0.2741	0.9619	0.9923	0.6594
58.1	0.8785	0.8559	0.9944	0.9001	0.3870	0.9684	0.9893	0.6203
58.2	0.8367	0.7724	0.9933	0.9187	0.1206	0.9642	0.9903	0.5912
58.3	0.8560	0.7264	0.9938	0.9335	0.1546	0.9722	0.9896	0.2714
58.4	0.8748	0.7711	0.9912	0.9332	0.3755	0.9695	0.9875	0.0473
58.5	0.8488	0.8054	0.9895	0.9270	0.1771	0.9666	0.9879	0.1184
58.6	0.8183	0.6252	0.9903	0.9426	0.2729	0.9677	0.9824	0.2515
58.7	0.8359	0.4742	0.9919	0.9355	0.2450	0.9670	0.9794	0.3388
58.8	0.8268	0.6185	0.9884	0.9436	0.1504	0.9622	0.9861	0.2306
58.9	0.8307	0.7161	0.9866	0.9589	0.1597	0.9677	0.9854	0.2669
59.0	0.8760	0.5973	0.9881	0.9781	0.1208	0.9720	0.9804	0.2809
59.1	0.8948	0.6480	0.9928	0.9814	0.0520	0.9749	0.9872	0.3243
59.2	0.8976	0.8075	0.9909	0.9811	0.0180	0.9775	0.9902	0.3734
59.3	0.8739	0.7990	0.9903	0.9832	0.0178	0.9727	0.9864	0.4562
59.4	0.8903	0.8803	0.9938	0.9883	0.0217	0.9811	0.9888	0.4662
59.5	0.8806	0.8815	0.9940	0.9885	0.0346	0.9788	0.9872	0.5138

59.6	0.8070	0.9047	0.9943	0.9884	0.1575	0.9736	0.9893	0.5911
59.7	0.7473	0.9383	0.9931	0.9900	0.2767	0.9719	0.9895	0.6212
59.8	0.7904	0.9607	0.9957	0.9913	0.3325	0.9823	0.9874	0.7308
59.9	0.5903	0.9374	0.9964	0.9919	0.4458	0.9817	0.9879	0.6985
60.0	0.2223	0.9337	0.9956	0.9901	0.2769	0.9754	0.9872	0.4444
60.1	0.1757	0.9423	0.9957	0.9885	0.3216	0.9799	0.9854	0.5718
60.2	0.5500	0.9354	0.9954	0.9899	0.4128	0.9819	0.9847	0.7277
60.3	0.6957	0.9163	0.9950	0.9898	0.3670	0.9771	0.9830	0.7138
60.4	0.8238	0.9128	0.9939	0.9890	0.1953	0.9821	0.9867	0.6936
60.5	0.8883	0.9358	0.9948	0.9899	0.3572	0.9842	0.9887	0.7058
60.6	0.9138	0.9093	0.9938	0.9895	0.2988	0.9842	0.9838	0.6965
60.7	0.9145	0.8894	0.9919	0.9869	0.2202	0.9779	0.9769	0.5732
60.8	0.9504	0.9410	0.9927	0.9922	0.1661	0.9858	0.9826	0.6393
60.9	0.9483	0.9430	0.9908	0.9898	0.1361	0.9898	0.9796	0.5702
61.0	0.9534	0.9485	0.9909	0.9915	0.2724	0.9890	0.9802	0.5984
61.1	0.9661	0.9393	0.9911	0.9927	0.3320	0.9870	0.9836	0.5003
61.2	0.9580	0.9399	0.9901	0.9931	0.1263	0.9834	0.9797	0.4166
61.3	0.9576	0.9302	0.9890	0.9909	0.1423	0.9827	0.9749	0.4542
61.4	0.9532	0.9217	0.9886	0.9887	0.2343	0.9831	0.9697	0.4510
61.5	0.9617	0.9352	0.9884	0.9883	0.1908	0.9904	0.9723	0.3052
61.6	0.9709	0.9457	0.9905	0.9927	0.1159	0.9913	0.9801	0.2011
61.7	0.9737	0.9494	0.9903	0.9923	0.2389	0.9910	0.9809	0.2995
61.8	0.9713	0.9466	0.9849	0.9912	0.1274	0.9899	0.9760	0.3240
61.9	0.9650	0.9597	0.9810	0.9917	0.1711	0.9883	0.9696	0.1928
62.0	0.9642	0.9717	0.9826	0.9898	0.1886	0.9888	0.9698	0.1812
62.1	0.9679	0.9703	0.9825	0.9891	0.0539	0.9880	0.9721	0.1438
62.2	0.9782	0.9755	0.9856	0.9919	0.0392	0.9904	0.9773	0.1114
62.3	0.9731	0.9750	0.9841	0.9916	0.0345	0.9908	0.9716	0.0499
62.4	0.9722	0.9717	0.9865	0.9922	0.0507	0.9896	0.9703	0.0499
62.5	0.9661	0.9723	0.9811	0.9892	0.0197	0.9876	0.9639	0.1338
62.6	0.9733	0.9808	0.9823	0.9897	0.0834	0.9885	0.9702	0.1629
62.7	0.9748	0.9856	0.9851	0.9916	0.0709	0.9900	0.9641	0.1110
62.8	0.9651	0.9825	0.9844	0.9890	0.1398	0.9867	0.9623	0.2887
62.9	0.9621	0.9805	0.9802	0.9857	0.0663	0.9840	0.9566	0.3453
63.0	0.9730	0.9859	0.9847	0.9905	0.0534	0.9883	0.9637	0.3810
63.1	0.9829	0.9921	0.9888	0.9928	0.0722	0.9928	0.9728	0.5313
63.2	0.9769	0.9891	0.9898	0.9904	0.0734	0.9923	0.9753	0.5938
63.3	0.9713	0.9834	0.9834	0.9881	0.0240	0.9886	0.9641	0.6088
63.4	0.9760	0.9851	0.9839	0.9905	0.0344	0.9869	0.9594	0.6393
63.5	0.9722	0.9848	0.9842	0.9894	0.1386	0.9875	0.9456	0.6445
63.6	0.9720	0.9865	0.9824	0.9901	0.1220	0.9889	0.9486	0.6955
63.7	0.9760	0.9878	0.9842	0.9908	0.0414	0.9905	0.9520	0.7373
63.8	0.9728	0.9859	0.9881	0.9904	0.0570	0.9920	0.9571	0.7313
63.9	0.9767	0.9837	0.9882	0.9918	0.1195	0.9912	0.9483	0.7674
64.0	0.9834	0.9852	0.9873	0.9924	0.1599	0.9919	0.9416	0.8272
64.1	0.9810	0.9865	0.9838	0.9910	0.1103	0.9923	0.9339	0.7842
64.2	0.9842	0.9853	0.9826	0.9924	0.1982	0.9912	0.9504	0.8062
64.3	0.9778	0.9825	0.9853	0.9915	0.2259	0.9893	0.9530	0.7984
64.4	0.9696	0.9764	0.9826	0.9887	0.1332	0.9848	0.9304	0.7750
64.5	0.9763	0.9835	0.9878	0.9916	0.1527	0.9916	0.9537	0.8085
64.6	0.9839	0.9866	0.9872	0.9918	0.1928	0.9949	0.9518	0.8601
64.7	0.9828	0.9852	0.9854	0.9908	0.1412	0.9930	0.9364	0.8836
64.8	0.9828	0.9856	0.9881	0.9919	0.1411	0.9928	0.9476	0.8522
64.9	0.9859	0.9869	0.9892	0.9937	0.2099	0.9948	0.9555	0.8877
65.0	0.9846	0.9858	0.9879	0.9928	0.2076	0.9923	0.9321	0.8858
65.1	0.9813	0.9842	0.9884	0.9900	0.3135	0.9896	0.9078	0.8626
65.2	0.9786	0.9833	0.9881	0.9906	0.2205	0.9915	0.9269	0.8877
65.3	0.9760	0.9820	0.9825	0.9890	0.1374	0.9900	0.8842	0.8962
65.4	0.9782	0.9829	0.9830	0.9865	0.3088	0.9907	0.8962	0.9016
65.5	0.9760	0.9859	0.9829	0.9881	0.1671	0.9902	0.8176	0.9025
65.6	0.9772	0.9786	0.9795	0.9871	0.2523	0.9905	0.7659	0.8748
65.7	0.9711	0.9757	0.9742	0.9804	0.2143	0.9886	0.6595	0.8428
65.8	0.9759	0.9840	0.9789	0.9850	0.2213	0.9910	0.7119	0.8746
65.9	0.9800	0.9866	0.9833	0.9903	0.2893	0.9929	0.8158	0.9261
66.0	0.9705	0.9831	0.9803	0.9870	0.2539	0.9908	0.7535	0.9169
66.1	0.9757	0.9854	0.9770	0.9863	0.2696	0.9915	0.7471	0.9078
66.2	0.9785	0.9916	0.9847	0.9900	0.2092	0.9932	0.7607	0.9334
66.3	0.9768	0.9918	0.9887	0.9901	0.2105	0.9915	0.7227	0.9348
66.4	0.9775	0.9892	0.9892	0.9885	0.1187	0.9904	0.7555	0.9141
66.5	0.9745	0.9900	0.9864	0.9891	0.1293	0.9904	0.8410	0.9296
66.6	0.9679	0.9884	0.9792	0.9847	0.1855	0.9900	0.8453	0.9296
66.7	0.9445	0.9830	0.9766	0.9755	0.3545	0.9869	0.8452	0.8966
66.8	0.9622	0.9873	0.9838	0.9821	0.3253	0.9899	0.8774	0.8957
66.9	0.9717	0.9913	0.9889	0.9849	0.2684	0.9920	0.8841	0.9088
67.0	0.9814	0.9911	0.9850	0.9840	0.1594	0.9920	0.8956	0.9357
67.1	0.9750	0.9885	0.9811	0.9816	0.1757	0.9910	0.9079	0.9073
67.2	0.9737	0.9883	0.9838	0.9822	0.2065	0.9908	0.9041	0.8794
67.3	0.9785	0.9917	0.9874	0.9858	0.2497	0.9939	0.9111	0.9213
67.4	0.9850	0.9913	0.9868	0.9865	0.3520	0.9930	0.9158	0.9176
67.5	0.9871	0.9887	0.9869	0.9864	0.3669	0.9915	0.9394	0.9074
67.6	0.9854	0.9862	0.9862	0.9841	0.3239	0.9886	0.9218	0.9035
67.7	0.9840	0.9841	0.9828	0.9826	0.3099	0.9870	0.8931	0.8688
67.8	0.9864	0.9822	0.9831	0.9791	0.3250	0.9860	0.8946	0.8790
67.9	0.9885	0.9869	0.9865	0.9840	0.2592	0.9888	0.9090	0.8902
68.0	0.9883	0.9866	0.9843	0.9830	0.2652	0.9894	0.8577	0.8574
68.1	0.9868	0.9864	0.9835	0.9836	0.2676	0.9830	0.8413	0.8203

68.2	0.9898	0.9878	0.9852	0.9850	0.2832	0.9841	0.8479	0.8577
68.3	0.9916	0.9888	0.9873	0.9874	0.3315	0.9894	0.8698	0.8685
68.4	0.9898	0.9894	0.9836	0.9857	0.3663	0.9875	0.8739	0.8718
68.5	0.9895	0.9842	0.9849	0.9837	0.3298	0.9852	0.8472	0.8352
68.6	0.9909	0.9858	0.9826	0.9833	0.4218	0.9857	0.8588	0.8300
68.7	0.9879	0.9858	0.9816	0.9805	0.3886	0.9830	0.8731	0.8326
68.8	0.9881	0.9819	0.9835	0.9784	0.4063	0.9758	0.8288	0.8090
68.9	0.9901	0.9788	0.9857	0.9790	0.4160	0.9744	0.8213	0.8161
69.0	0.9900	0.9796	0.9845	0.9832	0.3860	0.9795	0.8246	0.8575
69.1	0.9880	0.9786	0.9814	0.9809	0.1791	0.9770	0.7583	0.8214
69.2	0.9880	0.9737	0.9820	0.9776	0.1953	0.9786	0.7332	0.7951
69.3	0.9902	0.9775	0.9797	0.9802	0.2869	0.9732	0.7734	0.8327
69.4	0.9905	0.9758	0.9803	0.9821	0.2756	0.9753	0.7945	0.8539
69.5	0.9899	0.9624	0.9822	0.9819	0.2885	0.9733	0.8171	0.8381
69.6	0.9900	0.9575	0.9843	0.9829	0.3688	0.9724	0.8240	0.8366
69.7	0.9915	0.9705	0.9828	0.9795	0.5815	0.9767	0.7775	0.8555
69.8	0.9890	0.9577	0.9844	0.9734	0.6291	0.9683	0.7911	0.8118
69.9	0.9882	0.9497	0.9769	0.9592	0.5849	0.9625	0.7130	0.7248
70.0	0.9899	0.9603	0.9779	0.9652	0.6349	0.9629	0.8057	0.7597
70.1	0.9913	0.9624	0.9798	0.9667	0.5990	0.9646	0.8405	0.7467
70.2	0.9891	0.9560	0.9826	0.9695	0.6358	0.9685	0.8553	0.6648
70.3	0.9881	0.9596	0.9780	0.9692	0.6671	0.9646	0.8899	0.6068
70.4	0.9910	0.9631	0.9769	0.9698	0.6458	0.9696	0.8690	0.5747
70.5	0.9915	0.9640	0.9756	0.9719	0.5899	0.9712	0.8660	0.4862
70.6	0.9916	0.9544	0.9771	0.9759	0.6774	0.9730	0.9018	0.4166
70.7	0.9910	0.9542	0.9716	0.9738	0.6745	0.9733	0.9044	0.4618
70.8	0.9920	0.9562	0.9768	0.9757	0.6795	0.9771	0.8965	0.4799
70.9	0.9900	0.9406	0.9750	0.9685	0.5472	0.9740	0.8720	0.2848
71.0	0.9910	0.9405	0.9755	0.9717	0.5894	0.9778	0.8850	0.2173
71.1	0.9916	0.9386	0.9675	0.9680	0.6844	0.9763	0.8758	0.3292
71.2	0.9888	0.9284	0.9627	0.9601	0.7022	0.9689	0.8644	0.1820
71.3	0.9878	0.9256	0.9666	0.9653	0.6662	0.9683	0.9015	0.0656
71.4	0.9887	0.9153	0.9601	0.9655	0.7330	0.9708	0.8718	0.1909
71.5	0.9894	0.9370	0.9658	0.9735	0.7956	0.9789	0.8945	0.2752
71.6	0.9871	0.9444	0.9627	0.9742	0.7661	0.9799	0.9035	0.3605
71.7	0.9890	0.9344	0.9629	0.9706	0.8047	0.9760	0.8973	0.4890
71.8	0.9871	0.9288	0.9552	0.9687	0.7732	0.9726	0.8901	0.5599
71.9	0.9909	0.9441	0.9569	0.9758	0.8067	0.9825	0.9050	0.6287
72.0	0.9914	0.9405	0.9609	0.9740	0.8123	0.9824	0.8874	0.7156
72.1	0.9898	0.9511	0.9668	0.9792	0.7368	0.9793	0.9234	0.7601
72.2	0.9903	0.9552	0.9598	0.9796	0.7758	0.9799	0.9260	0.8139
72.3	0.9906	0.9568	0.9753	0.9815	0.7773	0.9817	0.9341	0.8582
72.4	0.9898	0.9510	0.9714	0.9773	0.7292	0.9803	0.9215	0.8580
72.5	0.9866	0.9415	0.9535	0.9666	0.7172	0.9754	0.8949	0.8824
72.6	0.9883	0.9621	0.9643	0.9772	0.7655	0.9818	0.9233	0.9211
72.7	0.9839	0.9527	0.9697	0.9729	0.6650	0.9766	0.8991	0.9112
72.8	0.9865	0.9670	0.9741	0.9791	0.7011	0.9820	0.9274	0.9189
72.9	0.9876	0.9655	0.9697	0.9794	0.6117	0.9837	0.9118	0.9051
73.0	0.9860	0.9541	0.9593	0.9732	0.5257	0.9787	0.8869	0.8941
73.1	0.9837	0.9630	0.9596	0.9765	0.5673	0.9828	0.9136	0.9145
73.2	0.9840	0.9701	0.9612	0.9804	0.5969	0.9844	0.9368	0.9407
73.3	0.9884	0.9783	0.9696	0.9878	0.7059	0.9896	0.9578	0.9513
73.4	0.9915	0.9782	0.9780	0.9877	0.7455	0.9911	0.9524	0.9577
73.5	0.9910	0.9717	0.9708	0.9831	0.5645	0.9871	0.9377	0.9495
73.6	0.9867	0.9774	0.9657	0.9832	0.5762	0.9880	0.9474	0.9416
73.7	0.9905	0.9791	0.9641	0.9864	0.6926	0.9881	0.9594	0.9389
73.8	0.9897	0.9778	0.9677	0.9871	0.5519	0.9864	0.9609	0.9505
73.9	0.9891	0.9763	0.9734	0.9892	0.6087	0.9891	0.9632	0.9633
74.0	0.9892	0.9682	0.9696	0.9862	0.6451	0.9868	0.9524	0.9428
74.1	0.9867	0.9707	0.9691	0.9845	0.6022	0.9887	0.9478	0.9335
74.2	0.9867	0.9664	0.9698	0.9843	0.6897	0.9863	0.9462	0.9519
74.3	0.9901	0.9701	0.9681	0.9842	0.6857	0.9850	0.9500	0.9531
74.4	0.9869	0.9718	0.9658	0.9861	0.6603	0.9847	0.9615	0.9397
74.5	0.9901	0.9799	0.9754	0.9896	0.7116	0.9877	0.9705	0.9524
74.6	0.9913	0.9811	0.9795	0.9912	0.7350	0.9893	0.9726	0.9695
74.7	0.9923	0.9822	0.9806	0.9917	0.5145	0.9903	0.9786	0.9724
74.8	0.9918	0.9794	0.9791	0.9909	0.4261	0.9892	0.9739	0.9688
74.9	0.9831	0.9650	0.9622	0.9868	0.4666	0.9835	0.9609	0.9524
75.0	0.9867	0.9786	0.9718	0.9899	0.5347	0.9856	0.9733	0.9601
75.1	0.9857	0.9757	0.9762	0.9874	0.4449	0.9834	0.9661	0.9680
75.2	0.9800	0.9611	0.9586	0.9823	0.4726	0.9813	0.9555	0.9581
75.3	0.9831	0.9633	0.9590	0.9840	0.5532	0.9774	0.9649	0.9546
75.4	0.9892	0.9745	0.9670	0.9885	0.3380	0.9804	0.9714	0.9622
75.5	0.9847	0.9710	0.9684	0.9864	0.3243	0.9788	0.9705	0.9592
75.6	0.9817	0.9732	0.9729	0.9870	0.4062	0.9832	0.9748	0.9636
75.7	0.9846	0.9760	0.9725	0.9887	0.4844	0.9855	0.9791	0.9768
75.8	0.9847	0.9761	0.9814	0.9893	0.4751	0.9874	0.9778	0.9765
75.9	0.9843	0.9661	0.9734	0.9870	0.4112	0.9844	0.9683	0.9616
76.0	0.9848	0.9734	0.9752	0.9854	0.3069	0.9784	0.9752	0.9565
76.1	0.9838	0.9695	0.9737	0.9843	0.2757	0.9725	0.9748	0.9566
76.2	0.9828	0.9630	0.9713	0.9824	0.2960	0.9706	0.9690	0.9570
76.3	0.9817	0.9672	0.9733	0.9823	0.2003	0.9719	0.9747	0.9657
76.4	0.9789	0.9601	0.9792	0.9848	0.3784	0.9684	0.9744	0.9670
76.5	0.9830	0.9700	0.9853	0.9864	0.4894	0.9741	0.9820	0.9803
76.6	0.9863	0.9752	0.9843	0.9879	0.4512	0.9796	0.9841	0.9807
76.7	0.9832	0.9700	0.9822	0.9892	0.4291	0.9770	0.9852	0.9726

76.8	0.9847	0.9669	0.9834	0.9864	0.4167	0.9690	0.9863	0.9739
76.9	0.9772	0.9556	0.9756	0.9793	0.2320	0.9409	0.9773	0.9630
77.0	0.9836	0.9462	0.9821	0.9839	0.2794	0.9579	0.9831	0.9740
77.1	0.9820	0.9564	0.9840	0.9849	0.2783	0.9497	0.9837	0.9822
77.2	0.9829	0.9545	0.9822	0.9834	0.3106	0.9367	0.9807	0.9818
77.3	0.9781	0.9412	0.9836	0.9828	0.2851	0.9046	0.9774	0.9707
77.4	0.9781	0.9495	0.9849	0.9857	0.4389	0.9282	0.9809	0.9777
77.5	0.9837	0.9497	0.9850	0.9833	0.3648	0.9044	0.9820	0.9828
77.6	0.9848	0.9470	0.9880	0.9808	0.3760	0.8683	0.9840	0.9835
77.7	0.9829	0.9361	0.9884	0.9798	0.4006	0.8608	0.9856	0.9881
77.8	0.9821	0.9363	0.9882	0.9651	0.3099	0.8333	0.9847	0.9892
77.9	0.9833	0.9457	0.9881	0.9639	0.3753	0.7785	0.9871	0.9869
78.0	0.9820	0.9432	0.9892	0.9670	0.3531	0.7427	0.9891	0.9896
78.1	0.9838	0.9222	0.9891	0.9575	0.4514	0.5318	0.9856	0.9873
78.2	0.9794	0.9221	0.9855	0.9432	0.4080	0.4737	0.9829	0.9840
78.3	0.9793	0.9229	0.9854	0.9457	0.3267	0.3734	0.9840	0.9863
78.4	0.9824	0.9200	0.9904	0.9379	0.4247	0.4026	0.9853	0.9907
78.5	0.9836	0.8879	0.9883	0.9007	0.3361	0.4711	0.9820	0.9861
78.6	0.9802	0.8640	0.9868	0.8870	0.3924	0.6035	0.9819	0.9846
78.7	0.9808	0.8710	0.9866	0.8851	0.4790	0.7470	0.9799	0.9841
78.8	0.9781	0.8681	0.9867	0.8497	0.5591	0.8117	0.9819	0.9835
78.9	0.9819	0.8656	0.9886	0.8644	0.5427	0.8203	0.9839	0.9847
79.0	0.9765	0.8675	0.9835	0.8845	0.3587	0.8541	0.9792	0.9863
79.1	0.9647	0.8753	0.9808	0.8260	0.4214	0.7780	0.9769	0.9831
79.2	0.9679	0.8607	0.9797	0.7717	0.4546	0.7756	0.9789	0.9878
79.3	0.9701	0.8588	0.9820	0.7750	0.4693	0.8598	0.9802	0.9832
79.4	0.9666	0.8388	0.9851	0.7624	0.2953	0.8748	0.9840	0.9843
79.5	0.9679	0.7702	0.9841	0.7281	0.3021	0.8756	0.9816	0.9833
79.6	0.9670	0.7758	0.9853	0.7547	0.1924	0.8720	0.9817	0.9794
79.7	0.9718	0.8254	0.9882	0.8186	0.4052	0.8969	0.9826	0.9850
79.8	0.9740	0.8642	0.9866	0.8390	0.5220	0.9180	0.9768	0.9851
79.9	0.9662	0.8453	0.9830	0.8672	0.4608	0.9185	0.9707	0.9801
80.0	0.9637	0.8274	0.9849	0.9028	0.4139	0.9399	0.9777	0.9863

2.2.82 Run 7 – VT270-200 – Accels 25–32

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	--	0.5630	0.5467	0.5606	0.2949	0.4198	0.4390	0.3809
0.1	--	0.0951	0.0799	0.1043	0.0593	0.0661	0.0529	0.0170
0.2	--	0.0161	0.0132	0.0227	0.0492	0.0345	0.0084	0.0623
0.3	--	0.0581	0.0483	0.0207	0.0025	0.0195	0.0000	0.0586
0.4	--	0.0152	0.0343	0.0658	0.0316	0.0037	0.0113	0.0016
0.5	--	0.0222	0.0585	0.0104	0.0027	0.0487	0.0176	0.0495
0.6	--	0.0344	0.0501	0.0165	0.0773	0.0250	0.0053	0.0274
0.7	--	0.0205	0.0261	0.0055	0.0518	0.0001	0.0007	0.0008
0.8	--	0.0424	0.0076	0.0038	0.0503	0.0047	0.0242	0.0126
0.9	--	0.0471	0.0205	0.0289	0.0027	0.0173	0.1368	0.0076
1.0	--	0.1146	0.0131	0.0123	0.0225	0.0051	0.0307	0.0028
1.1	--	0.0507	0.0260	0.0298	0.0052	0.0134	0.0099	0.0003
1.2	--	0.1073	0.0018	0.0163	0.0009	0.0711	0.0064	0.0073
1.3	--	0.2029	0.0116	0.0080	0.0468	0.0083	0.0107	0.0191
1.4	--	0.2782	0.0221	0.0006	0.0396	0.0037	0.0475	0.0411
1.5	--	0.2745	0.0437	0.0017	0.0647	0.0231	0.0269	0.0082
1.6	--	0.3559	0.0950	0.0208	0.0218	0.0147	0.0090	0.0181
1.7	--	0.3773	0.1345	0.0347	0.0445	0.0086	0.1021	0.0125
1.8	--	0.5809	0.3390	0.0154	0.0095	0.0273	0.0879	0.0121
1.9	--	0.7146	0.4283	0.0268	0.0189	0.1664	0.2776	0.0806
2.0	--	0.7952	0.4983	0.0619	0.0420	0.3135	0.4214	0.1314
2.1	--	0.8560	0.3750	0.0067	0.0372	0.4071	0.5526	0.3123
2.2	--	0.8487	0.1679	0.0039	0.0376	0.3116	0.6919	0.4244
2.3	--	0.4746	0.3386	0.0128	0.1817	0.0865	0.4575	0.2889
2.4	--	0.3306	0.3821	0.0178	0.2790	0.0061	0.3431	0.3014
2.5	--	0.3244	0.3352	0.1386	0.2808	0.0508	0.3126	0.2511
2.6	--	0.7796	0.4359	0.1489	0.3774	0.0640	0.6883	0.1023
2.7	--	0.8933	0.0728	0.0571	0.1726	0.0139	0.5280	0.0583
2.8	--	0.8450	0.0579	0.0160	0.1426	0.0307	0.3095	0.0850
2.9	--	0.8436	0.0465	0.0037	0.1730	0.0044	0.3401	0.0255
3.0	--	0.7520	0.0322	0.0058	0.0930	0.0052	0.1643	0.0207
3.1	--	0.6547	0.0196	0.0464	0.0388	0.0332	0.1460	0.0976
3.2	--	0.6783	0.0068	0.0514	0.0508	0.1225	0.1177	0.0597
3.3	--	0.6237	0.0374	0.0116	0.0018	0.0245	0.0397	0.0252
3.4	--	0.6847	0.0165	0.0315	0.0092	0.0111	0.0200	0.0142
3.5	--	0.5139	0.0049	0.0442	0.0400	0.0273	0.0531	0.0098
3.6	--	0.2414	0.0077	0.0281	0.0844	0.0093	0.0074	0.0280
3.7	--	0.3236	0.0016	0.0043	0.0479	0.0418	0.0500	0.0628
3.8	--	0.8282	0.0394	0.1196	0.0255	0.1139	0.1178	0.1813
3.9	--	0.9623	0.0208	0.3058	0.0611	0.2510	0.0897	0.4284
4.0	--	0.9751	0.0029	0.4067	0.0015	0.6060	0.0140	0.7477
4.1	--	0.9608	0.0063	0.3037	0.0358	0.7588	0.0854	0.8360
4.2	--	0.9360	0.0038	0.2573	0.0450	0.7363	0.0461	0.7564
4.3	--	0.9001	0.0580	0.1904	0.1109	0.6811	0.0522	0.7476
4.4	--	0.8721	0.0682	0.1444	0.2831	0.7088	0.1610	0.7393
4.5	--	0.8270	0.1166	0.1758	0.3200	0.7497	0.3165	0.7816
4.6	--	0.6972	0.1462	0.1344	0.3987	0.6664	0.3570	0.7118
4.7	--	0.5097	0.3074	0.0513	0.2651	0.5135	0.2269	0.5236
4.8	--	0.7724	0.5838	0.0357	0.2395	0.8010	0.5716	0.7961
4.9	--	0.8243	0.5586	0.0684	0.1828	0.7615	0.5826	0.7547
5.0	--	0.7200	0.3596	0.1779	0.1146	0.5244	0.0300	0.5227
5.1	--	0.7684	0.3592	0.3105	0.1986	0.7820	0.0722	0.7676
5.2	--	0.8641	0.2155	0.4658	0.2547	0.7598	0.5149	0.7387
5.3	--	0.7475	0.0373	0.3253	0.3501	0.3621	0.5880	0.3314
5.4	--	0.0700	0.0191	0.0955	0.3735	0.2823	0.4742	0.1828
5.5	--	0.4099	0.0527	0.1341	0.5890	0.3621	0.6745	0.2847
5.6	--	0.7807	0.2567	0.2783	0.8563	0.6090	0.8667	0.5608
5.7	--	0.9097	0.5077	0.4275	0.9145	0.6777	0.8990	0.5975
5.8	--	0.9557	0.7959	0.7079	0.9302	0.8201	0.9228	0.7115
5.9	--	0.9809	0.8452	0.8623	0.9593	0.8367	0.9352	0.7599
6.0	--	0.9903	0.8266	0.9084	0.9743	0.7376	0.9469	0.6638
6.1	--	0.9872	0.7648	0.8903	0.9710	0.6848	0.9478	0.7024
6.2	--	0.9857	0.7107	0.8662	0.9639	0.7403	0.9602	0.8342
6.3	--	0.9851	0.4596	0.8610	0.9859	0.7677	0.9806	0.8993
6.4	--	0.9860	0.3207	0.8995	0.9834	0.7482	0.9770	0.9289
6.5	--	0.9877	0.2478	0.9155	0.9878	0.6936	0.9798	0.9124
6.6	--	0.9850	0.1458	0.9002	0.9843	0.6575	0.9898	0.8887
6.7	--	0.9766	0.1146	0.8741	0.9747	0.6872	0.9798	0.9017
6.8	--	0.9764	0.2869	0.8586	0.9792	0.6013	0.9848	0.8987
6.9	--	0.9666	0.6120	0.8433	0.9739	0.3971	0.9774	0.8894
7.0	--	0.9154	0.7031	0.8119	0.9174	0.0743	0.9154	0.7867
7.1	--	0.9168	0.7835	0.7922	0.8977	0.3776	0.8650	0.7176
7.2	--	0.9254	0.8390	0.6891	0.9129	0.6259	0.8500	0.7346
7.3	--	0.9672	0.9350	0.6443	0.9559	0.6794	0.8755	0.7502
7.4	--	0.9399	0.9181	0.8297	0.9343	0.6634	0.8274	0.6478
7.5	--	0.9602	0.9458	0.9240	0.9564	0.7464	0.9281	0.6449
7.6	--	0.9751	0.9605	0.9674	0.9790	0.6857	0.9859	0.6532
7.7	--	0.9922	0.9689	0.9665	0.9901	0.8880	0.9917	0.8291
7.8	--	0.9951	0.9670	0.9568	0.9892	0.8820	0.9870	0.5640
7.9	--	0.9933	0.9698	0.9639	0.9838	0.6762	0.9825	0.0395

8.0	--	0.9934	0.9608	0.9720	0.9815	0.2547	0.9862	0.4374
8.1	--	0.9935	0.9596	0.9739	0.9670	0.4309	0.9733	0.4402
8.2	--	0.9958	0.9726	0.9878	0.9873	0.8654	0.9878	0.8325
8.3	--	0.9968	0.9656	0.9887	0.9880	0.8737	0.9877	0.8955
8.4	--	0.9953	0.9246	0.9881	0.9853	0.8317	0.9854	0.9225
8.5	--	0.9949	0.9301	0.9849	0.9851	0.6086	0.9851	0.9173
8.6	--	0.9966	0.9443	0.9883	0.9915	0.3767	0.9923	0.9443
8.7	--	0.9947	0.9248	0.9880	0.9918	0.3550	0.9921	0.9376
8.8	--	0.9908	0.9046	0.9839	0.9823	0.4412	0.9852	0.9106
8.9	--	0.9898	0.8900	0.9824	0.9849	0.2904	0.9828	0.7886
9.0	--	0.9849	0.8651	0.9790	0.9865	0.1870	0.9778	0.7581
9.1	--	0.9758	0.9037	0.9643	0.9812	0.2964	0.9650	0.7456
9.2	--	0.9477	0.9551	0.9286	0.9565	0.6892	0.9550	0.8856
9.3	--	0.9256	0.9513	0.9206	0.9272	0.6856	0.9267	0.8713
9.4	--	0.9325	0.9527	0.9395	0.9399	0.5353	0.9362	0.7226
9.5	--	0.9593	0.9463	0.9688	0.9627	0.4530	0.9612	0.6438
9.6	--	0.9562	0.9153	0.9676	0.9559	0.4828	0.9534	0.8708
9.7	--	0.9641	0.9237	0.9782	0.9566	0.7033	0.9598	0.9370
9.8	--	0.9739	0.9424	0.9865	0.9630	0.8276	0.9628	0.9607
9.9	--	0.9840	0.9185	0.9901	0.9696	0.8804	0.9687	0.9639
10.0	--	0.9781	0.9013	0.9912	0.9501	0.8170	0.9472	0.9481
10.1	--	0.9839	0.9313	0.9911	0.9601	0.9031	0.9638	0.9696
10.2	--	0.9869	0.9525	0.9897	0.9619	0.9051	0.9625	0.9449
10.3	--	0.9886	0.9674	0.9927	0.9554	0.8054	0.9592	0.9023
10.4	--	0.9873	0.9724	0.9923	0.9592	0.6913	0.9653	0.8595
10.5	--	0.9864	0.9824	0.9921	0.9532	0.9007	0.9742	0.9439
10.6	--	0.9881	0.9791	0.9924	0.9537	0.9494	0.9773	0.9778
10.7	--	0.9833	0.9736	0.9884	0.9521	0.9514	0.9701	0.9695
10.8	--	0.9730	0.9805	0.9868	0.9523	0.9420	0.9702	0.9525
10.9	--	0.9737	0.9829	0.9849	0.9265	0.9480	0.9751	0.9528
11.0	--	0.9786	0.9878	0.9871	0.9363	0.9570	0.9796	0.9636
11.1	--	0.9625	0.9820	0.9880	0.9223	0.9496	0.9738	0.9509
11.2	--	0.9547	0.9802	0.9826	0.9324	0.9664	0.9612	0.9637
11.3	--	0.9317	0.9795	0.9781	0.9435	0.9510	0.9363	0.9711
11.4	--	0.9197	0.9852	0.9762	0.9507	0.9625	0.9313	0.9775
11.5	--	0.9247	0.9879	0.9794	0.9719	0.9810	0.9435	0.9838
11.6	--	0.8707	0.9899	0.9738	0.9716	0.9783	0.9005	0.9758
11.7	--	0.8059	0.9886	0.9737	0.9860	0.9781	0.8904	0.9751
11.8	--	0.7322	0.9874	0.9608	0.9783	0.9785	0.8422	0.9727
11.9	--	0.7139	0.9765	0.9483	0.9729	0.9826	0.6777	0.9806
12.0	--	0.7983	0.9710	0.9642	0.9846	0.9855	0.6552	0.9891
12.1	--	0.7927	0.9690	0.9669	0.9869	0.9867	0.5202	0.9876
12.2	--	0.7460	0.9634	0.9632	0.9850	0.9863	0.1892	0.9870
12.3	--	0.7685	0.9591	0.9605	0.9786	0.9851	0.1346	0.9850
12.4	--	0.7380	0.9485	0.9577	0.9757	0.9796	0.2619	0.9825
12.5	--	0.7248	0.9443	0.9663	0.9656	0.9757	0.6023	0.9777
12.6	--	0.6616	0.9515	0.9557	0.9603	0.9824	0.8021	0.9826
12.7	--	0.5995	0.9567	0.9468	0.9697	0.9781	0.8736	0.9791
12.8	--	0.5649	0.9630	0.9255	0.9630	0.9749	0.8791	0.9743
12.9	--	0.4701	0.9716	0.9265	0.9517	0.9721	0.9030	0.9703
13.0	--	0.4932	0.9789	0.9204	0.9482	0.9748	0.9061	0.9741
13.1	--	0.6194	0.9751	0.9066	0.9431	0.9633	0.9394	0.9620
13.2	--	0.7738	0.9848	0.8910	0.9409	0.9756	0.9518	0.9742
13.3	--	0.7809	0.9669	0.8521	0.8739	0.9427	0.9300	0.9336
13.4	--	0.8435	0.9635	0.8480	0.8854	0.9359	0.8399	0.9262
13.5	--	0.8094	0.9382	0.8761	0.8648	0.9209	0.8009	0.9166
13.6	--	0.8975	0.9325	0.9334	0.8734	0.9270	0.8815	0.9238
13.7	--	0.9229	0.9441	0.9590	0.8969	0.9371	0.9342	0.9338
13.8	--	0.9611	0.9667	0.9782	0.9294	0.9639	0.9496	0.9607
13.9	--	0.9707	0.9743	0.9827	0.9491	0.9713	0.9582	0.9687
14.0	--	0.9738	0.9859	0.9851	0.9567	0.9791	0.9576	0.9756
14.1	--	0.9558	0.9860	0.9639	0.9261	0.9760	0.9546	0.9699
14.2	--	0.9516	0.9888	0.9478	0.9271	0.9766	0.9564	0.9661
14.3	--	0.9571	0.9940	0.9449	0.9378	0.9884	0.9773	0.9819
14.4	--	0.9503	0.9956	0.9225	0.9152	0.9925	0.9638	0.9888
14.5	--	0.9632	0.9959	0.9184	0.8930	0.9942	0.9671	0.9918
14.6	--	0.9530	0.9948	0.8104	0.8144	0.9890	0.9375	0.9845
14.7	--	0.9651	0.9965	0.6841	0.8296	0.9833	0.9164	0.9791
14.8	--	0.9740	0.9979	0.6517	0.8477	0.9754	0.8955	0.9714
14.9	--	0.9559	0.9973	0.6875	0.7577	0.9604	0.8868	0.9580
15.0	--	0.8914	0.9975	0.8095	0.5015	0.9407	0.9059	0.9404
15.1	--	0.8773	0.9980	0.9285	0.2181	0.9600	0.9270	0.9589
15.2	--	0.8796	0.9979	0.9656	0.1395	0.9574	0.9222	0.9581
15.3	--	0.7008	0.9968	0.9699	0.3120	0.9174	0.8257	0.9065
15.4	--	0.3351	0.9972	0.9718	0.5540	0.9230	0.7675	0.9009
15.5	--	0.1396	0.9981	0.9724	0.7285	0.9337	0.7074	0.9017
15.6	--	0.1404	0.9977	0.9590	0.7163	0.9188	0.6869	0.8773
15.7	--	0.7044	0.9983	0.9802	0.7234	0.9597	0.8863	0.9506
15.8	--	0.7033	0.9985	0.9851	0.8563	0.9503	0.9090	0.9410
15.9	--	0.6688	0.9985	0.9813	0.9025	0.9434	0.9356	0.9366
16.0	--	0.8255	0.9984	0.9816	0.9319	0.9500	0.9450	0.9499
16.1	--	0.8507	0.9985	0.9788	0.9353	0.9484	0.9497	0.9514
16.2	--	0.8142	0.9983	0.9733	0.9269	0.9519	0.9506	0.9573
16.3	--	0.8080	0.9986	0.9745	0.9481	0.9551	0.9580	0.9622
16.4	--	0.7707	0.9979	0.9744	0.9512	0.9467	0.9634	0.9600
16.5	--	0.7944	0.9979	0.9835	0.9750	0.9525	0.9613	0.9642

16.6	--	0.9000	0.9980	0.9876	0.9806	0.9609	0.9512	0.9717
16.7	--	0.9195	0.9980	0.9815	0.9148	0.8757	0.8798	0.9183
16.8	--	0.9706	0.9981	0.9873	0.9168	0.6949	0.6997	0.8190
16.9	--	0.9764	0.9980	0.9845	0.9108	0.8335	0.5476	0.8697
17.0	--	0.9739	0.9982	0.9824	0.8850	0.8882	0.7444	0.9257
17.1	--	0.9785	0.9981	0.9872	0.9419	0.8397	0.4767	0.9051
17.2	--	0.9809	0.9988	0.9881	0.9503	0.8831	0.1392	0.9313
17.3	--	0.9863	0.9991	0.9888	0.9488	0.9342	0.7911	0.9642
17.4	--	0.9717	0.9985	0.9796	0.8831	0.7449	0.6385	0.8894
17.5	--	0.9688	0.9988	0.9781	0.8652	0.7082	0.7105	0.8790
17.6	--	0.9820	0.9990	0.9840	0.9334	0.9068	0.7728	0.9553
17.7	--	0.9808	0.9991	0.9815	0.9625	0.9038	0.7457	0.9557
17.8	--	0.9767	0.9989	0.9797	0.9473	0.8809	0.6792	0.9421
17.9	--	0.9803	0.9989	0.9844	0.9638	0.8912	0.6905	0.9478
18.0	--	0.9815	0.9989	0.9832	0.9615	0.8510	0.7355	0.9386
18.1	--	0.9819	0.9990	0.9804	0.9631	0.8300	0.7638	0.9255
18.2	--	0.9810	0.9992	0.9769	0.9659	0.8192	0.6916	0.9213
18.3	--	0.9853	0.9993	0.9771	0.9645	0.8134	0.7683	0.9373
18.4	--	0.9792	0.9992	0.9630	0.9651	0.7596	0.7476	0.9371
18.5	--	0.8520	0.9989	0.7010	0.9110	0.3667	0.5167	0.8985
18.6	--	0.8609	0.9990	0.6107	0.8246	0.4304	0.5900	0.8853
18.7	--	0.9411	0.9987	0.8858	0.8819	0.6555	0.6381	0.8685
18.8	--	0.9862	0.9988	0.9757	0.9526	0.7894	0.6778	0.8781
18.9	--	0.9922	0.9988	0.9856	0.9502	0.7669	0.6377	0.8519
19.0	--	0.9927	0.9976	0.9869	0.9471	0.7515	0.6018	0.8288
19.1	--	0.9921	0.9977	0.9844	0.9468	0.7514	0.5444	0.8062
19.2	--	0.9938	0.9976	0.9898	0.9637	0.7914	0.4611	0.8087
19.3	--	0.9955	0.9973	0.9923	0.9761	0.8497	0.3146	0.8338
19.4	--	0.9958	0.9971	0.9915	0.9747	0.8463	0.1969	0.8278
19.5	--	0.9937	0.9951	0.9853	0.9683	0.8496	0.1455	0.8187
19.6	--	0.9946	0.9952	0.9871	0.9723	0.8632	0.0928	0.8180
19.7	--	0.9950	0.9952	0.9877	0.9785	0.8980	0.1070	0.8596
19.8	--	0.9954	0.9950	0.9901	0.9773	0.8868	0.0758	0.7780
19.9	--	0.9966	0.9936	0.9909	0.9777	0.9027	0.1577	0.7497
20.0	--	0.9965	0.9933	0.9899	0.9800	0.8885	0.2658	0.7141
20.1	--	0.9967	0.9954	0.9893	0.9880	0.9114	0.4161	0.7111
20.2	--	0.9969	0.9951	0.9888	0.9907	0.9253	0.3865	0.7346
20.3	--	0.9963	0.9941	0.9877	0.9889	0.9136	0.4115	0.7758
20.4	--	0.9959	0.9925	0.9860	0.9834	0.9051	0.4997	0.8188
20.5	--	0.9946	0.9920	0.9804	0.9819	0.9245	0.5918	0.8588
20.6	--	0.9932	0.9891	0.9731	0.9830	0.9268	0.6810	0.8354
20.7	--	0.9946	0.9909	0.9720	0.9824	0.9490	0.6512	0.8726
20.8	--	0.9932	0.9888	0.9710	0.9831	0.9521	0.7503	0.8509
20.9	--	0.9941	0.9871	0.9673	0.9877	0.9706	0.8096	0.8799
21.0	--	0.9926	0.9865	0.9536	0.9800	0.9596	0.8394	0.8376
21.1	--	0.9917	0.9791	0.9473	0.9710	0.9474	0.8035	0.7435
21.2	--	0.9942	0.9807	0.9540	0.9724	0.9590	0.8868	0.7495
21.3	--	0.9940	0.9797	0.9303	0.9737	0.9478	0.8655	0.6997
21.4	--	0.9943	0.9715	0.9026	0.9685	0.9344	0.8604	0.6226
21.5	--	0.9932	0.9716	0.8791	0.9621	0.9242	0.8667	0.6053
21.6	--	0.9935	0.9736	0.8766	0.9407	0.8895	0.8318	0.4806
21.7	--	0.9900	0.9629	0.8264	0.8837	0.7958	0.7159	0.3299
21.8	--	0.9881	0.9610	0.7879	0.8283	0.7343	0.5064	0.2369
21.9	--	0.9882	0.9619	0.7760	0.7922	0.7093	0.4747	0.2997
22.0	--	0.9898	0.9752	0.8194	0.7583	0.7230	0.5762	0.4149
22.1	--	0.9912	0.9770	0.8573	0.8811	0.7922	0.6783	0.6263
22.2	--	0.9901	0.9706	0.8374	0.9222	0.7630	0.6445	0.6439
22.3	--	0.9900	0.9731	0.8243	0.9613	0.8437	0.7522	0.7836
22.4	--	0.9921	0.9665	0.8675	0.9726	0.8571	0.7933	0.8160
22.5	--	0.9939	0.9826	0.9226	0.9871	0.8912	0.8215	0.8795
22.6	--	0.9931	0.9792	0.9283	0.9861	0.9008	0.8121	0.9059
22.7	--	0.9928	0.9783	0.9464	0.9834	0.8860	0.7894	0.8867
22.8	--	0.9916	0.9779	0.9094	0.9813	0.8290	0.7472	0.8384
22.9	--	0.9937	0.9836	0.9132	0.9803	0.7943	0.8593	0.8701
23.0	--	0.9927	0.9800	0.8709	0.9788	0.4972	0.8323	0.8149
23.1	--	0.9925	0.9858	0.8675	0.9793	0.0758	0.8215	0.8269
23.2	--	0.9916	0.9830	0.8738	0.9683	0.1805	0.7838	0.8264
23.3	--	0.9948	0.9885	0.8946	0.9683	0.5122	0.7685	0.7999
23.4	--	0.9944	0.9875	0.9432	0.9759	0.7877	0.8031	0.8995
23.5	--	0.9950	0.9924	0.9628	0.9828	0.8840	0.8137	0.9178
23.6	--	0.9956	0.9952	0.9642	0.9770	0.9119	0.8213	0.8772
23.7	--	0.9942	0.9949	0.9533	0.9713	0.9155	0.7881	0.8236
23.8	--	0.9934	0.9946	0.9490	0.9731	0.9142	0.6301	0.7163
23.9	--	0.9950	0.9959	0.9664	0.9799	0.9304	0.6186	0.7349
24.0	--	0.9948	0.9968	0.9720	0.9791	0.9516	0.5527	0.5740
24.1	--	0.9954	0.9970	0.9692	0.9768	0.9540	0.3966	0.4069
24.2	--	0.9957	0.9972	0.9630	0.9748	0.9645	0.6705	0.3817
24.3	--	0.9951	0.9967	0.9594	0.9708	0.9738	0.7689	0.6692
24.4	--	0.9942	0.9973	0.9508	0.9696	0.9723	0.8296	0.7277
24.5	--	0.9926	0.9970	0.9582	0.9735	0.9712	0.9169	0.7846
24.6	--	0.9924	0.9968	0.9607	0.9779	0.9718	0.9392	0.8381
24.7	--	0.9927	0.9971	0.9613	0.9803	0.9760	0.9203	0.7945
24.8	--	0.9947	0.9981	0.9788	0.9865	0.9834	0.9136	0.7352
24.9	--	0.9908	0.9977	0.9777	0.9867	0.9812	0.8872	0.6453
25.0	--	0.9874	0.9970	0.9764	0.9741	0.9798	0.8404	0.5595
25.1	--	0.9922	0.9977	0.9817	0.9804	0.9844	0.8718	0.5993

25.2	--	0.9938	0.9978	0.9869	0.9898	0.9886	0.9251	0.8204
25.3	--	0.9941	0.9975	0.9862	0.9870	0.9845	0.9441	0.7762
25.4	--	0.9934	0.9972	0.9850	0.9797	0.9784	0.9147	0.5904
25.5	--	0.9952	0.9977	0.9907	0.9810	0.9863	0.9182	0.7758
25.6	--	0.9940	0.9964	0.9855	0.9735	0.9809	0.8996	0.8428
25.7	--	0.9934	0.9957	0.9843	0.9765	0.9858	0.9087	0.9112
25.8	--	0.9940	0.9959	0.9853	0.9665	0.9784	0.9042	0.9278
25.9	--	0.9946	0.9965	0.9885	0.9636	0.9823	0.9324	0.9596
26.0	--	0.9957	0.9953	0.9914	0.9713	0.9871	0.9558	0.9766
26.1	--	0.9967	0.9938	0.9896	0.9741	0.9873	0.9664	0.9798
26.2	--	0.9944	0.9904	0.9829	0.9723	0.9807	0.9706	0.9691
26.3	--	0.9951	0.9923	0.9822	0.9744	0.9850	0.9726	0.9756
26.4	--	0.9954	0.9911	0.9812	0.9621	0.9808	0.9597	0.9746
26.5	--	0.9951	0.9900	0.9748	0.9560	0.9758	0.9644	0.9756
26.6	--	0.9954	0.9848	0.9782	0.9351	0.9726	0.9590	0.9756
26.7	--	0.9954	0.9867	0.9765	0.9343	0.9821	0.9608	0.9766
26.8	--	0.9956	0.9808	0.9785	0.9218	0.9729	0.9620	0.9697
26.9	--	0.9951	0.9710	0.9801	0.8419	0.9652	0.9560	0.9614
27.0	--	0.9952	0.9659	0.9807	0.7792	0.9598	0.9590	0.9608
27.1	--	0.9948	0.9620	0.9831	0.7840	0.9611	0.9725	0.9655
27.2	--	0.9947	0.9669	0.9829	0.7834	0.9529	0.9672	0.9682
27.3	--	0.9925	0.9561	0.9806	0.6772	0.9263	0.9296	0.9454
27.4	--	0.9912	0.9482	0.9777	0.5690	0.9175	0.9111	0.9503
27.5	--	0.9887	0.9524	0.9749	0.4712	0.9023	0.8900	0.9489
27.6	--	0.9914	0.9693	0.9770	0.1610	0.8637	0.8530	0.9167
27.7	--	0.9930	0.9834	0.9843	0.1032	0.8895	0.8266	0.9380
27.8	--	0.9936	0.9863	0.9836	0.3844	0.8871	0.7362	0.9488
27.9	--	0.9920	0.9869	0.9701	0.5391	0.8229	0.4901	0.9224
28.0	--	0.9928	0.9883	0.9687	0.6716	0.8159	0.1448	0.9291
28.1	--	0.9923	0.9920	0.9721	0.7784	0.8555	0.0721	0.9403
28.2	--	0.9899	0.9944	0.9710	0.8155	0.7826	0.3702	0.9535
28.3	--	0.9900	0.9935	0.9743	0.8663	0.5817	0.2214	0.9272
28.4	--	0.9952	0.9942	0.9782	0.9258	0.6149	0.3498	0.9382
28.5	--	0.9970	0.9967	0.9843	0.9504	0.6437	0.5874	0.9658
28.6	--	0.9959	0.9973	0.9829	0.9482	0.6483	0.6180	0.9581
28.7	--	0.9944	0.9961	0.9823	0.9120	0.5516	0.4836	0.9393
28.8	--	0.9951	0.9969	0.9833	0.9359	0.7169	0.7089	0.9432
28.9	--	0.9945	0.9965	0.9859	0.9480	0.6827	0.7864	0.9422
29.0	--	0.9928	0.9965	0.9869	0.9433	0.6560	0.7723	0.9443
29.1	--	0.9932	0.9975	0.9906	0.9529	0.6800	0.8172	0.9633
29.2	--	0.9904	0.9963	0.9863	0.9669	0.6144	0.8387	0.9679
29.3	--	0.9906	0.9946	0.9844	0.9689	0.6917	0.8677	0.9691
29.4	--	0.9905	0.9964	0.9854	0.9721	0.6951	0.8968	0.9728
29.5	--	0.9904	0.9971	0.9864	0.9728	0.7386	0.9225	0.9771
29.6	--	0.9860	0.9968	0.9882	0.9718	0.7431	0.9072	0.9670
29.7	--	0.9854	0.9962	0.9873	0.9613	0.7151	0.9177	0.9629
29.8	--	0.9845	0.9966	0.9863	0.9638	0.7301	0.9442	0.9775
29.9	--	0.9772	0.9956	0.9610	0.8335	0.7415	0.7947	0.9094
30.0	--	0.9769	0.9958	0.9676	0.8859	0.7611	0.8601	0.9353
30.1	--	0.9832	0.9960	0.9876	0.9720	0.7904	0.9646	0.9655
30.2	--	0.9857	0.9957	0.9876	0.9753	0.8343	0.9753	0.9675
30.3	--	0.9865	0.9954	0.9889	0.9755	0.8973	0.9648	0.9688
30.4	--	0.9896	0.9961	0.9911	0.9852	0.9157	0.9745	0.9749
30.5	--	0.9900	0.9961	0.9914	0.9817	0.9034	0.9722	0.9736
30.6	--	0.9916	0.9946	0.9909	0.9792	0.9156	0.9674	0.9759
30.7	--	0.9919	0.9933	0.9906	0.9786	0.9422	0.9632	0.9782
30.8	--	0.9875	0.9905	0.9886	0.9707	0.9406	0.9494	0.9697
30.9	--	0.9895	0.9928	0.9876	0.9747	0.9558	0.9560	0.9561
31.0	--	0.9879	0.9894	0.9896	0.9791	0.9519	0.9390	0.9569
31.1	--	0.9862	0.9836	0.9872	0.9660	0.9712	0.9390	0.9464
31.2	--	0.9909	0.9894	0.9880	0.9765	0.9767	0.9507	0.9569
31.3	--	0.9897	0.9859	0.9917	0.9738	0.9727	0.9687	0.9675
31.4	--	0.9863	0.9820	0.9925	0.9699	0.9741	0.9737	0.9656
31.5	--	0.9782	0.9758	0.9833	0.9623	0.9681	0.9617	0.9357
31.6	--	0.9805	0.9684	0.9849	0.9579	0.9704	0.9637	0.9072
31.7	--	0.9827	0.9717	0.9890	0.9603	0.9773	0.9747	0.9199
31.8	--	0.9836	0.9708	0.9904	0.9652	0.9777	0.9702	0.9248
31.9	--	0.9816	0.9653	0.9878	0.9639	0.9744	0.9723	0.8985
32.0	--	0.9762	0.9606	0.9835	0.9538	0.9726	0.9715	0.8697
32.1	--	0.9739	0.9517	0.9830	0.9489	0.9678	0.9762	0.8339
32.2	--	0.9727	0.9554	0.9879	0.9486	0.9750	0.9739	0.8592
32.3	--	0.9664	0.9519	0.9866	0.9304	0.9729	0.9669	0.8192
32.4	--	0.9599	0.9336	0.9891	0.8962	0.9671	0.9611	0.8263
32.5	--	0.9536	0.9265	0.9798	0.8890	0.9596	0.9298	0.8338
32.6	--	0.9563	0.9256	0.9762	0.8938	0.9628	0.9232	0.8785
32.7	--	0.9642	0.9250	0.9794	0.8830	0.9644	0.9042	0.9004
32.8	--	0.9712	0.9302	0.9747	0.8745	0.9561	0.9383	0.9145
32.9	--	0.9767	0.9333	0.9764	0.8647	0.9602	0.9266	0.9051
33.0	--	0.9788	0.9098	0.9662	0.8874	0.9745	0.9163	0.8980
33.1	--	0.9788	0.9223	0.9495	0.8727	0.9753	0.9314	0.8730
33.2	--	0.9809	0.9281	0.9567	0.8270	0.9669	0.8616	0.7695
33.3	--	0.9863	0.9263	0.9705	0.8889	0.9706	0.8781	0.6889
33.4	--	0.9800	0.9019	0.9475	0.8541	0.9619	0.8442	0.3614
33.5	--	0.9805	0.8759	0.9511	0.8406	0.9666	0.8344	0.3299
33.6	--	0.9837	0.8714	0.9581	0.8012	0.9835	0.8929	0.6166
33.7	--	0.9818	0.8762	0.9703	0.7857	0.9859	0.9272	0.7463

33.8	--	0.9767	0.8380	0.9620	0.6812	0.9748	0.8795	0.7578
33.9	--	0.9768	0.8324	0.9665	0.3479	0.9770	0.8940	0.8314
34.0	--	0.9771	0.8076	0.9655	0.0439	0.9768	0.9241	0.8801
34.1	--	0.9740	0.8032	0.9680	0.0929	0.9731	0.9183	0.8770
34.2	--	0.9699	0.8669	0.9680	0.4577	0.9755	0.8909	0.9173
34.3	--	0.9756	0.9211	0.9779	0.6479	0.9798	0.8595	0.9403
34.4	--	0.9757	0.9304	0.9797	0.6734	0.9690	0.8579	0.9507
34.5	--	0.9699	0.9148	0.9747	0.6269	0.9613	0.8220	0.9355
34.6	--	0.9610	0.9254	0.9696	0.6991	0.9704	0.7849	0.9456
34.7	--	0.9642	0.9395	0.9710	0.7466	0.9660	0.7444	0.9333
34.8	--	0.9670	0.9429	0.9671	0.7970	0.9670	0.8096	0.9346
34.9	--	0.9617	0.9407	0.9668	0.7843	0.9700	0.7814	0.9491
35.0	--	0.9647	0.9536	0.9695	0.8102	0.9732	0.7255	0.9606
35.1	--	0.9812	0.9589	0.9792	0.8034	0.9758	0.6622	0.9629
35.2	--	0.9792	0.9576	0.9768	0.8315	0.9709	0.5859	0.9493
35.3	--	0.9753	0.9497	0.9681	0.8189	0.9705	0.4232	0.9442
35.4	--	0.9691	0.9317	0.9658	0.7987	0.9641	0.2022	0.9412
35.5	--	0.9729	0.9377	0.9697	0.8583	0.9676	0.0552	0.9483
35.6	--	0.9719	0.9461	0.9627	0.8667	0.9734	0.0727	0.9447
35.7	--	0.9765	0.9330	0.9624	0.9096	0.9758	0.2121	0.9578
35.8	--	0.9765	0.9213	0.9553	0.9074	0.9786	0.3860	0.9569
35.9	--	0.9833	0.9257	0.9697	0.9301	0.9752	0.6007	0.9643
36.0	--	0.9842	0.9226	0.9646	0.9400	0.9791	0.7013	0.9652
36.1	--	0.9782	0.8980	0.9440	0.9112	0.9724	0.6955	0.9505
36.2	--	0.9823	0.9285	0.9431	0.9417	0.9746	0.8092	0.9653
36.3	--	0.9803	0.9267	0.9418	0.9530	0.9784	0.8597	0.9732
36.4	--	0.9803	0.9443	0.9404	0.9620	0.9687	0.8777	0.9752
36.5	--	0.9814	0.9483	0.9551	0.9680	0.9686	0.9130	0.9771
36.6	--	0.9755	0.9504	0.9629	0.9629	0.9716	0.9382	0.9730
36.7	--	0.9731	0.9362	0.9716	0.9669	0.9764	0.9563	0.9770
36.8	--	0.9772	0.9484	0.9785	0.9738	0.9760	0.9621	0.9806
36.9	--	0.9727	0.9616	0.9773	0.9712	0.9729	0.9666	0.9783
37.0	--	0.9737	0.9511	0.9769	0.9727	0.9622	0.9713	0.9840
37.1	--	0.9733	0.9669	0.9804	0.9781	0.9789	0.9770	0.9811
37.2	--	0.9723	0.9612	0.9848	0.9715	0.9736	0.9751	0.9760
37.3	--	0.9692	0.9547	0.9822	0.9632	0.9724	0.9712	0.9746
37.4	--	0.9660	0.9590	0.9744	0.9454	0.9712	0.9682	0.9647
37.5	--	0.9613	0.9634	0.9726	0.9541	0.9716	0.9806	0.9756
37.6	--	0.9625	0.9543	0.9720	0.9320	0.9738	0.9762	0.9578
37.7	--	0.9689	0.9579	0.9731	0.9057	0.9735	0.9703	0.9324
37.8	--	0.9692	0.9692	0.9769	0.9014	0.9716	0.9761	0.9261
37.9	--	0.9722	0.9588	0.9765	0.8714	0.9635	0.9620	0.8576
38.0	--	0.9690	0.9735	0.9816	0.8812	0.9644	0.9596	0.8394
38.1	--	0.9698	0.9814	0.9818	0.9013	0.9789	0.9680	0.9133
38.2	--	0.9717	0.9798	0.9841	0.8705	0.9888	0.9761	0.9554
38.3	--	0.9797	0.9821	0.9856	0.8478	0.9870	0.9815	0.9632
38.4	--	0.9752	0.9830	0.9866	0.8126	0.9888	0.9843	0.9729
38.5	--	0.9693	0.9785	0.9846	0.8487	0.9899	0.9812	0.9713
38.6	--	0.9731	0.9775	0.9832	0.8468	0.9920	0.9781	0.9680
38.7	--	0.9727	0.9799	0.9859	0.8939	0.9920	0.9808	0.9715
38.8	--	0.9685	0.9833	0.9859	0.9063	0.9928	0.9790	0.9725
38.9	--	0.9651	0.9831	0.9845	0.8967	0.9948	0.9797	0.9670
39.0	--	0.9650	0.9807	0.9839	0.9262	0.9949	0.9752	0.9708
39.1	--	0.9521	0.9704	0.9782	0.9283	0.9914	0.9452	0.9600
39.2	--	0.9582	0.9768	0.9813	0.9475	0.9912	0.9557	0.9665
39.3	--	0.9609	0.9661	0.9845	0.9222	0.9915	0.9479	0.9609
39.4	--	0.9532	0.9648	0.9814	0.8872	0.9932	0.9116	0.9503
39.5	--	0.9470	0.9705	0.9879	0.8994	0.9915	0.9320	0.9687
39.6	--	0.9543	0.9728	0.9898	0.9182	0.9939	0.9545	0.9747
39.7	--	0.9297	0.9733	0.9833	0.8864	0.9953	0.9432	0.9676
39.8	--	0.9206	0.9653	0.9860	0.8673	0.9962	0.9482	0.9709
39.9	--	0.9184	0.9625	0.9854	0.8089	0.9955	0.9519	0.9633
40.0	--	0.9110	0.9507	0.9854	0.7936	0.9952	0.9499	0.9689
40.1	--	0.9168	0.9601	0.9857	0.8179	0.9946	0.9443	0.9728
40.2	--	0.9017	0.9468	0.9883	0.8815	0.9954	0.9548	0.9726
40.3	--	0.8452	0.9173	0.9865	0.8195	0.9938	0.9439	0.9597
40.4	--	0.8983	0.9322	0.9910	0.8754	0.9954	0.9539	0.9616
40.5	--	0.8706	0.9524	0.9926	0.9168	0.9951	0.9583	0.9703
40.6	--	0.8620	0.9430	0.9914	0.9077	0.9933	0.9450	0.9737
40.7	--	0.8667	0.9191	0.9916	0.8468	0.9945	0.9230	0.9654
40.8	--	0.8086	0.8917	0.9844	0.7635	0.9922	0.8706	0.9430
40.9	--	0.8814	0.9068	0.9833	0.7335	0.9922	0.8187	0.9441
41.0	--	0.8821	0.8975	0.9864	0.6791	0.9916	0.8003	0.9351
41.1	--	0.8872	0.8949	0.9841	0.5890	0.9937	0.8037	0.9436
41.2	--	0.8834	0.8946	0.9828	0.5116	0.9917	0.7414	0.9420
41.3	--	0.9158	0.8954	0.9868	0.5152	0.9943	0.7518	0.9593
41.4	--	0.9204	0.8715	0.9852	0.5159	0.9948	0.7178	0.9520
41.5	--	0.9110	0.8922	0.9824	0.3926	0.9930	0.7456	0.9426
41.6	--	0.8936	0.8695	0.9682	0.2731	0.9937	0.8090	0.9615
41.7	--	0.8864	0.8646	0.9691	0.3191	0.9934	0.7318	0.9628
41.8	--	0.8804	0.8914	0.9645	0.1322	0.9907	0.6420	0.9523
41.9	--	0.8824	0.8976	0.9645	0.0848	0.9917	0.7398	0.9468
42.0	--	0.8906	0.8815	0.9597	0.1786	0.9921	0.8247	0.9655
42.1	--	0.8970	0.8600	0.9593	0.1270	0.9935	0.8028	0.9681
42.2	--	0.8977	0.8082	0.9542	0.0807	0.9911	0.7856	0.9654
42.3	--	0.8763	0.7397	0.9601	0.1889	0.9916	0.8553	0.9702

42.4	--	0.8618	0.8534	0.9621	0.2535	0.9917	0.8852	0.9742
42.5	--	0.8090	0.8951	0.9449	0.2702	0.9924	0.8797	0.9765
42.6	--	0.7772	0.8818	0.9244	0.3836	0.9902	0.8891	0.9758
42.7	--	0.8168	0.8164	0.9236	0.4955	0.9908	0.9132	0.9793
42.8	--	0.7754	0.7771	0.9042	0.3365	0.9830	0.8510	0.9708
42.9	--	0.7414	0.7760	0.9137	0.4653	0.9861	0.8839	0.9767
43.0	--	0.7911	0.7541	0.9213	0.6710	0.9847	0.9096	0.9836
43.1	--	0.7807	0.7462	0.9035	0.6430	0.9847	0.8818	0.9809
43.2	--	0.8320	0.7909	0.9332	0.7142	0.9863	0.9072	0.9803
43.3	--	0.8145	0.7641	0.9137	0.7563	0.9846	0.9174	0.9786
43.4	--	0.7250	0.5937	0.8517	0.7368	0.9841	0.9131	0.9791
43.5	--	0.7607	0.7214	0.9071	0.7508	0.9838	0.8961	0.9775
43.6	--	0.8257	0.7941	0.9255	0.6755	0.9795	0.8762	0.9772
43.7	--	0.8150	0.7783	0.9307	0.6357	0.9824	0.8837	0.9771
43.8	--	0.8153	0.7817	0.9216	0.6687	0.9858	0.9020	0.9788
43.9	--	0.7904	0.7714	0.9173	0.7446	0.9860	0.9186	0.9832
44.0	--	0.7224	0.7582	0.8971	0.6048	0.9743	0.8584	0.9755
44.1	--	0.7099	0.6422	0.8780	0.4291	0.9699	0.8194	0.9723
44.2	--	0.7786	0.6822	0.8964	0.3776	0.9732	0.7643	0.9679
44.3	--	0.7798	0.8008	0.8895	0.1821	0.9699	0.7407	0.9581
44.4	--	0.7994	0.8352	0.9004	0.3566	0.9785	0.8466	0.9692
44.5	--	0.7892	0.8019	0.8910	0.1638	0.9761	0.8402	0.9624
44.6	--	0.8203	0.8148	0.8874	0.1285	0.9735	0.8034	0.9505
44.7	--	0.8501	0.8491	0.9239	0.1858	0.9820	0.8752	0.9647
44.8	--	0.8162	0.7524	0.8986	0.1460	0.9714	0.7649	0.9555
44.9	--	0.8540	0.7966	0.9120	0.2677	0.9889	0.7781	0.9595
45.0	--	0.8708	0.8044	0.9074	0.2043	0.9866	0.6992	0.9579
45.1	--	0.8521	0.7592	0.8907	0.1436	0.9811	0.5778	0.9592
45.2	--	0.8812	0.8262	0.9094	0.1728	0.9736	0.7269	0.9625
45.3	--	0.8929	0.8635	0.9106	0.0149	0.9735	0.7998	0.9621
45.4	--	0.9146	0.8688	0.9026	0.0263	0.9749	0.8776	0.9573
45.5	--	0.8943	0.8356	0.8698	0.1251	0.9688	0.8442	0.9542
45.6	--	0.8761	0.8690	0.9053	0.2283	0.9662	0.7962	0.9590
45.7	--	0.8819	0.8684	0.8962	0.1296	0.9765	0.8658	0.9619
45.8	--	0.8757	0.8611	0.9055	0.0822	0.9826	0.9091	0.9595
45.9	--	0.8999	0.9013	0.9210	0.0267	0.9837	0.9393	0.9524
46.0	--	0.9183	0.9190	0.9325	0.0461	0.9840	0.9592	0.9601
46.1	--	0.9224	0.9144	0.9280	0.0855	0.9855	0.9629	0.9661
46.2	--	0.9223	0.8967	0.9289	0.0959	0.9849	0.9739	0.9703
46.3	--	0.9242	0.9145	0.9479	0.0062	0.9778	0.9734	0.9642
46.4	--	0.9479	0.9541	0.9701	0.2187	0.9802	0.9836	0.9705
46.5	--	0.9519	0.9601	0.9686	0.3115	0.9720	0.9879	0.9737
46.6	--	0.9264	0.9329	0.9563	0.2460	0.9618	0.9789	0.9691
46.7	--	0.9227	0.9211	0.9409	0.1848	0.9365	0.9805	0.9607
46.8	--	0.9349	0.9423	0.9555	0.4277	0.9053	0.9881	0.9684
46.9	--	0.9484	0.9533	0.9671	0.6999	0.9099	0.9869	0.9698
47.0	--	0.9452	0.9492	0.9655	0.7980	0.9383	0.9876	0.9680
47.1	--	0.9427	0.9335	0.9558	0.8240	0.9322	0.9828	0.9515
47.2	--	0.9475	0.9307	0.9535	0.8293	0.9213	0.9857	0.9455
47.3	--	0.9606	0.9475	0.9573	0.8912	0.9316	0.9881	0.9563
47.4	--	0.9581	0.9590	0.9684	0.9313	0.9583	0.9891	0.9650
47.5	--	0.9449	0.9368	0.9591	0.9158	0.9597	0.9872	0.9649
47.6	--	0.9390	0.9370	0.9381	0.9034	0.9601	0.9862	0.9603
47.7	--	0.9484	0.9337	0.9514	0.9321	0.9620	0.9879	0.9702
47.8	--	0.9547	0.9372	0.9538	0.9442	0.9686	0.9869	0.9645
47.9	--	0.9495	0.9142	0.9339	0.9358	0.9705	0.9850	0.9630
48.0	--	0.9566	0.9194	0.9402	0.9387	0.9686	0.9823	0.9667
48.1	--	0.9678	0.9088	0.9425	0.9529	0.9840	0.9879	0.9770
48.2	--	0.9637	0.9263	0.9275	0.9419	0.9866	0.9846	0.9758
48.3	--	0.9755	0.9392	0.9495	0.9548	0.9900	0.9844	0.9782
48.4	--	0.9704	0.9274	0.9348	0.9534	0.9872	0.9791	0.9730
48.5	--	0.9692	0.9431	0.9407	0.9594	0.9867	0.9726	0.9762
48.6	--	0.9615	0.9283	0.9265	0.9567	0.9852	0.9548	0.9744
48.7	--	0.9617	0.9406	0.9352	0.9639	0.9877	0.9585	0.9768
48.8	--	0.9591	0.9200	0.9099	0.9493	0.9846	0.9510	0.9724
48.9	--	0.9622	0.8891	0.8835	0.9409	0.9848	0.9510	0.9701
49.0	--	0.9659	0.8913	0.8903	0.9496	0.9880	0.9544	0.9734
49.1	--	0.9663	0.9010	0.9168	0.9622	0.9888	0.9572	0.9765
49.2	--	0.9616	0.9058	0.9136	0.9600	0.9878	0.9650	0.9765
49.3	--	0.9699	0.9158	0.9123	0.9613	0.9880	0.9776	0.9762
49.4	--	0.9794	0.9332	0.9278	0.9733	0.9892	0.9815	0.9818
49.5	--	0.9699	0.8224	0.8609	0.9608	0.9818	0.9654	0.9740
49.6	--	0.9673	0.7506	0.8495	0.9628	0.9884	0.9709	0.9783
49.7	--	0.9780	0.8883	0.9148	0.9765	0.9866	0.9829	0.9814
49.8	--	0.9821	0.9382	0.9242	0.9717	0.9902	0.9838	0.9816
49.9	--	0.9770	0.9274	0.8989	0.9619	0.9908	0.9799	0.9718
50.0	--	0.9753	0.9070	0.8958	0.9450	0.9871	0.9773	0.9690
50.1	--	0.9809	0.9105	0.8779	0.9485	0.9884	0.9821	0.9805
50.2	--	0.9828	0.9234	0.8644	0.9442	0.9862	0.9825	0.9842
50.3	--	0.9838	0.8922	0.8735	0.9205	0.9856	0.9791	0.9801
50.4	--	0.9770	0.8647	0.8513	0.8919	0.9795	0.9710	0.9750
50.5	--	0.9767	0.9104	0.8522	0.9357	0.9855	0.9773	0.9735
50.6	--	0.9810	0.9037	0.8684	0.9436	0.9869	0.9773	0.9776
50.7	--	0.9830	0.9171	0.8854	0.9421	0.9885	0.9796	0.9785
50.8	--	0.9805	0.8966	0.8299	0.9217	0.9838	0.9767	0.9685
50.9	--	0.9756	0.8389	0.7973	0.9294	0.9820	0.9822	0.9671

51.0	--	0.9772	0.9101	0.8478	0.9479	0.9838	0.9816	0.9755
51.1	--	0.9806	0.9198	0.8875	0.9608	0.9856	0.9831	0.9795
51.2	--	0.9857	0.9388	0.8921	0.9676	0.9876	0.9836	0.9827
51.3	--	0.9824	0.9184	0.8685	0.9658	0.9885	0.9810	0.9778
51.4	--	0.9764	0.9075	0.8548	0.9569	0.9842	0.9750	0.9816
51.5	--	0.9793	0.9421	0.8662	0.9589	0.9861	0.9755	0.9871
51.6	--	0.9822	0.9626	0.8922	0.9694	0.9843	0.9807	0.9859
51.7	--	0.9774	0.9776	0.9138	0.9682	0.9804	0.9769	0.9869
51.8	--	0.9732	0.9696	0.8667	0.9480	0.9750	0.9615	0.9861
51.9	--	0.9748	0.9523	0.8010	0.9350	0.9662	0.9396	0.9813
52.0	--	0.9802	0.9613	0.8654	0.9522	0.9629	0.9546	0.9870
52.1	--	0.9720	0.9650	0.8712	0.9504	0.9589	0.9541	0.9873
52.2	--	0.9727	0.9704	0.8452	0.9569	0.9713	0.9541	0.9871
52.3	--	0.9707	0.9608	0.7928	0.9407	0.9621	0.9503	0.9857
52.4	--	0.9725	0.9592	0.7402	0.9424	0.9505	0.9441	0.9853
52.5	--	0.9723	0.9553	0.7601	0.9560	0.9694	0.9465	0.9872
52.6	--	0.9695	0.9595	0.7479	0.9552	0.9716	0.9163	0.9851
52.7	--	0.9761	0.9767	0.7296	0.9744	0.9676	0.9329	0.9863
52.8	--	0.9773	0.9794	0.7215	0.9787	0.9717	0.9307	0.9873
52.9	--	0.9798	0.9740	0.6035	0.9743	0.9688	0.7990	0.9877
53.0	--	0.9786	0.9651	0.5231	0.9744	0.9707	0.3358	0.9857
53.1	--	0.9684	0.9565	0.6250	0.9782	0.9635	0.4431	0.9887
53.2	--	0.9735	0.9750	0.6587	0.9834	0.9733	0.7618	0.9903
53.3	--	0.9725	0.9710	0.5545	0.9815	0.9732	0.8524	0.9869
53.4	--	0.9726	0.9761	0.4070	0.9809	0.9696	0.8966	0.9837
53.5	--	0.9738	0.9747	0.3503	0.9753	0.9538	0.9215	0.9873
53.6	--	0.9782	0.9666	0.3180	0.9687	0.9469	0.9549	0.9888
53.7	--	0.9771	0.9591	0.3166	0.9687	0.9677	0.9578	0.9862
53.8	--	0.9805	0.9774	0.2275	0.9815	0.9814	0.9788	0.9920
53.9	--	0.9801	0.9817	0.0612	0.9770	0.9801	0.9758	0.9902
54.0	--	0.9739	0.9740	0.0288	0.9650	0.9805	0.9567	0.9837
54.1	--	0.9635	0.9582	0.0946	0.9553	0.9762	0.9457	0.9852
54.2	--	0.9648	0.9461	0.0740	0.9560	0.9820	0.9533	0.9876
54.3	--	0.9665	0.9668	0.1041	0.9634	0.9871	0.9409	0.9892
54.4	--	0.9627	0.9698	0.1595	0.9563	0.9845	0.9219	0.9829
54.5	--	0.9658	0.9564	0.1664	0.9442	0.9844	0.9190	0.9838
54.6	--	0.9686	0.9518	0.0869	0.9508	0.9783	0.9452	0.9864
54.7	--	0.9556	0.9348	0.0887	0.9613	0.9807	0.9370	0.9866
54.8	--	0.9617	0.9493	0.1317	0.9664	0.9862	0.9418	0.9837
54.9	--	0.9663	0.9618	0.2069	0.9770	0.9874	0.9537	0.9902
55.0	--	0.9618	0.9623	0.1078	0.9707	0.9832	0.9361	0.9858
55.1	--	0.9663	0.9573	0.1198	0.9762	0.9855	0.9502	0.9857
55.2	--	0.9629	0.9454	0.0561	0.9654	0.9837	0.9493	0.9776
55.3	--	0.9668	0.9436	0.0601	0.9604	0.9792	0.9497	0.9767
55.4	--	0.9620	0.9391	0.1883	0.9644	0.9675	0.9509	0.9776
55.5	--	0.9553	0.9426	0.1879	0.9619	0.9597	0.9556	0.9759
55.6	--	0.9443	0.9300	0.1327	0.9560	0.9570	0.9476	0.9721
55.7	--	0.9556	0.9304	0.1386	0.9641	0.9556	0.9553	0.9717
55.8	--	0.9410	0.9348	0.1751	0.9545	0.9392	0.9493	0.9676
55.9	--	0.9476	0.9359	0.2188	0.9590	0.9286	0.9326	0.9733
56.0	--	0.9471	0.9115	0.2095	0.9587	0.8964	0.9244	0.9758
56.1	--	0.9221	0.8989	0.2064	0.9538	0.8467	0.9144	0.9682
56.2	--	0.9271	0.9010	0.1675	0.9444	0.8774	0.8795	0.9663
56.3	--	0.9374	0.9193	0.2679	0.9526	0.8984	0.9150	0.9679
56.4	--	0.9329	0.9049	0.5152	0.9649	0.9025	0.9336	0.9695
56.5	--	0.9153	0.8651	0.5989	0.9593	0.8966	0.9246	0.9617
56.6	--	0.9116	0.8551	0.6078	0.9571	0.8756	0.9141	0.9501
56.7	--	0.9316	0.8937	0.5728	0.9593	0.8723	0.9269	0.9633
56.8	--	0.9101	0.9116	0.4972	0.9589	0.8968	0.9276	0.9648
56.9	--	0.8990	0.9103	0.5591	0.9556	0.9090	0.9214	0.9594
57.0	--	0.9033	0.9125	0.6427	0.9633	0.9112	0.9399	0.9592
57.1	--	0.8460	0.8654	0.5988	0.9483	0.8753	0.9197	0.9452
57.2	--	0.8864	0.8847	0.6728	0.9528	0.8813	0.9282	0.9612
57.3	--	0.8753	0.9040	0.6050	0.9593	0.9286	0.9304	0.9654
57.4	--	0.8686	0.9125	0.4797	0.9588	0.9237	0.9330	0.9663
57.5	--	0.8581	0.9129	0.5448	0.9452	0.9225	0.8930	0.9649
57.6	--	0.8535	0.9292	0.6397	0.9572	0.9371	0.9093	0.9673
57.7	--	0.8596	0.9359	0.6229	0.9701	0.9681	0.9154	0.9673
57.8	--	0.8452	0.9326	0.6942	0.9684	0.9639	0.8782	0.9665
57.9	--	0.8259	0.9198	0.6740	0.9380	0.9457	0.7941	0.9601
58.0	--	0.8756	0.9453	0.6964	0.9436	0.9596	0.8390	0.9547
58.1	--	0.8703	0.9321	0.6540	0.9177	0.9498	0.8455	0.9507
58.2	--	0.8508	0.9421	0.7165	0.9178	0.9602	0.8424	0.9601
58.3	--	0.8509	0.9536	0.7574	0.9500	0.9667	0.8652	0.9617
58.4	--	0.8266	0.9585	0.7100	0.9540	0.9591	0.8495	0.9640
58.5	--	0.7908	0.9433	0.6620	0.9428	0.9496	0.8225	0.9584
58.6	--	0.8137	0.9520	0.6922	0.7999	0.8941	0.5901	0.9500
58.7	--	0.8321	0.9532	0.7523	0.7347	0.8841	0.5217	0.9480
58.8	--	0.7482	0.9307	0.7368	0.8540	0.9484	0.6246	0.9549
58.9	--	0.7466	0.9476	0.7232	0.9262	0.9780	0.6516	0.9576
59.0	--	0.7743	0.9481	0.6816	0.7743	0.9569	0.4684	0.9035
59.1	--	0.7779	0.9594	0.8298	0.8330	0.9678	0.5617	0.9077
59.2	--	0.7480	0.9527	0.8546	0.9571	0.9843	0.7470	0.9544
59.3	--	0.7348	0.9530	0.7542	0.9491	0.9837	0.7465	0.9434
59.4	--	0.7420	0.9587	0.7968	0.9575	0.9853	0.7230	0.9486
59.5	--	0.6782	0.9577	0.7872	0.9507	0.9853	0.7077	0.9330

59.6	--	0.6428	0.9603	0.7560	0.9527	0.9832	0.7332	0.9203
59.7	--	0.6363	0.9428	0.7535	0.9335	0.9814	0.7395	0.9046
59.8	--	0.4951	0.9214	0.7758	0.7968	0.9826	0.5339	0.8844
59.9	--	0.0180	0.0852	0.4237	0.7220	0.9761	0.4776	0.8567
60.0	--	0.0629	0.0802	0.0616	0.8562	0.9795	0.6682	0.8703
60.1	--	0.0369	0.0480	0.2757	0.9229	0.9886	0.8068	0.8648
60.2	--	0.6609	0.9318	0.4266	0.9405	0.9856	0.8638	0.8607
60.3	--	0.7452	0.9420	0.3496	0.9245	0.9798	0.8213	0.8298
60.4	--	0.7615	0.9345	0.3063	0.8937	0.9800	0.8376	0.8230
60.5	--	0.7490	0.9512	0.1517	0.8833	0.9864	0.9058	0.8534
60.6	--	0.7701	0.9476	0.1021	0.8261	0.9814	0.8589	0.8500
60.7	--	0.7738	0.9285	0.0085	0.6083	0.9716	0.8210	0.8711
60.8	--	0.8423	0.9484	0.1645	0.5251	0.9691	0.8724	0.9012
60.9	--	0.8280	0.9413	0.3052	0.6133	0.9647	0.8569	0.8817
61.0	--	0.8606	0.9476	0.3357	0.7261	0.9611	0.8584	0.8889
61.1	--	0.8593	0.9509	0.4017	0.7751	0.9470	0.8543	0.9077
61.2	--	0.8828	0.9607	0.5829	0.8171	0.9611	0.8450	0.8610
61.3	--	0.8626	0.9569	0.5291	0.8130	0.9584	0.7997	0.8377
61.4	--	0.8608	0.9428	0.5620	0.8252	0.9383	0.7777	0.8377
61.5	--	0.8652	0.9514	0.6919	0.8865	0.9347	0.8231	0.8520
61.6	--	0.8792	0.9733	0.7625	0.9223	0.9431	0.7609	0.8522
61.7	--	0.8889	0.9680	0.7795	0.9261	0.9034	0.6853	0.8765
61.8	--	0.8784	0.9563	0.7319	0.9501	0.8629	0.6990	0.9030
61.9	--	0.8971	0.9592	0.7639	0.9510	0.7572	0.5949	0.9081
62.0	--	0.8748	0.9675	0.8304	0.9568	0.7080	0.5841	0.9211
62.1	--	0.8618	0.9629	0.8477	0.9413	0.5330	0.5533	0.9234
62.2	--	0.8754	0.9537	0.8706	0.9409	0.3050	0.4997	0.8934
62.3	--	0.8783	0.9502	0.8570	0.9474	0.1563	0.4478	0.8311
62.4	--	0.8892	0.9530	0.8085	0.9588	0.1418	0.3019	0.8095
62.5	--	0.8830	0.9556	0.8192	0.9407	0.0810	0.2982	0.7529
62.6	--	0.8795	0.9545	0.8674	0.9426	0.1599	0.3507	0.7430
62.7	--	0.8979	0.9525	0.8407	0.9393	0.2825	0.2395	0.7017
62.8	--	0.8733	0.9519	0.8329	0.9359	0.2486	0.2475	0.6105
62.9	--	0.8092	0.9460	0.8561	0.9239	0.3027	0.3421	0.5254
63.0	--	0.8607	0.9570	0.8895	0.9384	0.5380	0.4490	0.5762
63.1	--	0.9204	0.9721	0.9317	0.9640	0.6524	0.6141	0.5969
63.2	--	0.9083	0.9704	0.9401	0.9652	0.6579	0.7161	0.5723
63.3	--	0.8415	0.9631	0.9049	0.9574	0.6390	0.6481	0.4375
63.4	--	0.8499	0.9598	0.9150	0.9610	0.7386	0.6467	0.1321
63.5	--	0.8713	0.9553	0.9093	0.9654	0.8050	0.6456	0.0166
63.6	--	0.8721	0.9654	0.8919	0.9758	0.8403	0.6664	0.0030
63.7	--	0.8606	0.9705	0.9023	0.9679	0.8761	0.6857	0.1191
63.8	--	0.8607	0.9763	0.9255	0.9688	0.9114	0.7703	0.3100
63.9	--	0.8821	0.9739	0.9230	0.9655	0.8952	0.7806	0.4277
64.0	--	0.8545	0.9759	0.9238	0.9726	0.8731	0.7975	0.5823
64.1	--	0.8236	0.9731	0.9272	0.9661	0.8328	0.7990	0.7125
64.2	--	0.8715	0.9771	0.9239	0.9663	0.8568	0.8486	0.7654
64.3	--	0.8755	0.9785	0.9081	0.9541	0.8277	0.8583	0.7682
64.4	--	0.8249	0.9736	0.8933	0.9515	0.7922	0.8575	0.7956
64.5	--	0.7895	0.9748	0.9085	0.9617	0.6110	0.9033	0.8570
64.6	--	0.8597	0.9780	0.9047	0.9630	0.6508	0.9250	0.8922
64.7	--	0.8641	0.9769	0.9078	0.9695	0.6261	0.9279	0.8580
64.8	--	0.8127	0.9752	0.9289	0.9621	0.7278	0.9467	0.8361
64.9	--	0.8137	0.9781	0.9340	0.9747	0.8598	0.9661	0.8728
65.0	--	0.7990	0.9745	0.9124	0.9683	0.8448	0.9712	0.8384
65.1	--	0.7983	0.9657	0.8821	0.9590	0.8200	0.9577	0.7236
65.2	--	0.7860	0.9776	0.8959	0.9729	0.8552	0.9754	0.7983
65.3	--	0.7045	0.9798	0.8399	0.9677	0.7824	0.9716	0.8222
65.4	--	0.6485	0.9768	0.8648	0.9659	0.7292	0.9743	0.8681
65.5	--	0.7014	0.9743	0.8569	0.9716	0.4654	0.9650	0.8652
65.6	--	0.7037	0.9769	0.8372	0.9764	0.2026	0.9613	0.8728
65.7	--	0.5830	0.9705	0.8122	0.9641	0.0352	0.9657	0.8293
65.8	--	0.6486	0.9729	0.8831	0.9688	0.3141	0.9801	0.8432
65.9	--	0.6848	0.9830	0.9201	0.9802	0.6014	0.9787	0.8876
66.0	--	0.6133	0.9763	0.9032	0.9717	0.7115	0.9762	0.8863
66.1	--	0.6343	0.9805	0.9126	0.9762	0.8420	0.9787	0.9016
66.2	--	0.7137	0.9861	0.9429	0.9775	0.9219	0.9844	0.9364
66.3	--	0.7297	0.9849	0.9378	0.9777	0.9478	0.9856	0.9410
66.4	--	0.7404	0.9825	0.9323	0.9738	0.9449	0.9843	0.9287
66.5	--	0.7538	0.9807	0.9258	0.9739	0.9617	0.9821	0.9270
66.6	--	0.6674	0.9821	0.9277	0.9761	0.9655	0.9773	0.9401
66.7	--	0.6603	0.9812	0.9315	0.9773	0.9607	0.9721	0.9408
66.8	--	0.7551	0.9788	0.9306	0.9726	0.9742	0.9727	0.9459
66.9	--	0.6748	0.9813	0.9429	0.9684	0.9793	0.9706	0.9540
67.0	--	0.7053	0.9849	0.9617	0.9722	0.9781	0.9711	0.9566
67.1	--	0.6182	0.9819	0.9435	0.9665	0.9755	0.9568	0.9444
67.2	--	0.6357	0.9789	0.9132	0.9522	0.9776	0.9326	0.9456
67.3	--	0.7454	0.9854	0.9323	0.9583	0.9793	0.9336	0.9695
67.4	--	0.7218	0.9842	0.9521	0.9676	0.9801	0.9353	0.9686
67.5	--	0.7171	0.9858	0.9526	0.9662	0.9828	0.9392	0.9677
67.6	--	0.5762	0.9853	0.9474	0.9647	0.9822	0.9220	0.9622
67.7	--	0.5844	0.9734	0.9340	0.9496	0.9785	0.8786	0.9574
67.8	--	0.6120	0.9754	0.9415	0.9601	0.9802	0.8814	0.9524
67.9	--	0.5962	0.9777	0.9340	0.9656	0.9839	0.8856	0.9564
68.0	--	0.5963	0.9756	0.9224	0.9664	0.9819	0.8901	0.9577
68.1	--	0.4788	0.9707	0.9073	0.9652	0.9856	0.8620	0.9553

68.2	--	0.4250	0.9766	0.9196	0.9735	0.9868	0.9122	0.9612
68.3	--	0.4922	0.9809	0.8949	0.9776	0.9877	0.9271	0.9683
68.4	--	0.4293	0.9783	0.8833	0.9718	0.9836	0.8935	0.9690
68.5	--	0.3993	0.9688	0.8345	0.9692	0.9838	0.8076	0.9580
68.6	--	0.3709	0.9758	0.8527	0.9730	0.9868	0.7996	0.9580
68.7	--	0.3580	0.9806	0.8190	0.9793	0.9861	0.8161	0.9631
68.8	--	0.3494	0.9711	0.7735	0.9773	0.9815	0.8196	0.9648
68.9	--	0.3425	0.9749	0.7803	0.9812	0.9842	0.8684	0.9680
69.0	--	0.3591	0.9817	0.8065	0.9841	0.9887	0.9033	0.9701
69.1	--	0.3257	0.9748	0.8214	0.9771	0.9855	0.9121	0.9599
69.2	--	0.3344	0.9751	0.8541	0.9749	0.9846	0.9479	0.9616
69.3	--	0.3633	0.9771	0.8961	0.9793	0.9839	0.9383	0.9510
69.4	--	0.3322	0.9746	0.9212	0.9826	0.9839	0.9599	0.9555
69.5	--	0.3378	0.9718	0.9336	0.9851	0.9801	0.9609	0.9543
69.6	--	0.2529	0.9751	0.9418	0.9820	0.9798	0.9670	0.9516
69.7	--	0.2222	0.9795	0.9514	0.9876	0.9858	0.9677	0.9589
69.8	--	0.1960	0.9756	0.9351	0.9852	0.9823	0.9556	0.9441
69.9	--	0.1848	0.9698	0.9170	0.9834	0.9725	0.9476	0.9199
70.0	--	0.0498	0.9733	0.9443	0.9893	0.9780	0.9595	0.9165
70.1	--	0.0610	0.9742	0.9514	0.9910	0.9788	0.9744	0.9200
70.2	--	0.1230	0.9784	0.9490	0.9908	0.9794	0.9669	0.8911
70.3	--	0.1439	0.9791	0.9630	0.9901	0.9773	0.9635	0.8605
70.4	--	0.2113	0.9795	0.9560	0.9910	0.9726	0.9659	0.8668
70.5	--	0.2126	0.9774	0.9591	0.9915	0.9705	0.9587	0.8937
70.6	--	0.2085	0.9783	0.9639	0.9918	0.9749	0.9707	0.8943
70.7	--	0.2646	0.9819	0.9630	0.9898	0.9753	0.9679	0.8904
70.8	--	0.2409	0.9818	0.9615	0.9900	0.9782	0.9634	0.8788
70.9	--	0.2065	0.9734	0.9461	0.9840	0.9686	0.9612	0.8599
71.0	--	0.1705	0.9831	0.9526	0.9858	0.9670	0.9683	0.8761
71.1	--	0.1675	0.9890	0.9553	0.9854	0.9687	0.9618	0.8767
71.2	--	0.1755	0.9806	0.9337	0.9826	0.9586	0.9582	0.8549
71.3	--	0.2522	0.9797	0.9412	0.9830	0.9627	0.9685	0.8390
71.4	--	0.2033	0.9844	0.9508	0.9831	0.9612	0.9673	0.8194
71.5	--	0.2831	0.9867	0.9505	0.9876	0.9689	0.9762	0.8736
71.6	--	0.2908	0.9862	0.9501	0.9861	0.9696	0.9771	0.8894
71.7	--	0.2162	0.9879	0.9513	0.9840	0.9642	0.9813	0.8768
71.8	--	0.1222	0.9817	0.9414	0.9840	0.9597	0.9807	0.8693
71.9	--	0.0860	0.9838	0.9525	0.9861	0.9598	0.9816	0.8807
72.0	--	0.1217	0.9873	0.9515	0.9842	0.9569	0.9828	0.8574
72.1	--	0.1833	0.9869	0.9605	0.9883	0.9652	0.9835	0.8653
72.2	--	0.2040	0.9903	0.9645	0.9901	0.9611	0.9835	0.8349
72.3	--	0.2133	0.9899	0.9664	0.9908	0.9677	0.9846	0.8475
72.4	--	0.1632	0.9874	0.9543	0.9898	0.9530	0.9795	0.7258
72.5	--	0.2680	0.9867	0.9401	0.9850	0.9334	0.9773	0.5292
72.6	--	0.2405	0.9887	0.9510	0.9895	0.9560	0.9807	0.5154
72.7	--	0.1652	0.9897	0.9509	0.9903	0.9472	0.9745	0.4638
72.8	--	0.0965	0.9898	0.9606	0.9905	0.9540	0.9767	0.6111
72.9	--	0.0238	0.9885	0.9416	0.9908	0.9461	0.9746	0.6449
73.0	--	0.1272	0.9876	0.9221	0.9886	0.9334	0.9597	0.6735
73.1	--	0.1288	0.9891	0.9353	0.9883	0.9472	0.9673	0.7008
73.2	--	0.1897	0.9898	0.9551	0.9919	0.9460	0.9608	0.7640
73.3	--	0.2629	0.9902	0.9638	0.9939	0.9601	0.9583	0.8183
73.4	--	0.3108	0.9928	0.9593	0.9948	0.9614	0.9649	0.8410
73.5	--	0.2768	0.9904	0.9533	0.9933	0.9485	0.9575	0.8364
73.6	--	0.2558	0.9896	0.9440	0.9921	0.9390	0.9531	0.8301
73.7	--	0.2914	0.9900	0.9590	0.9945	0.9505	0.9689	0.8679
73.8	--	0.2992	0.9876	0.9618	0.9949	0.9518	0.9648	0.8543
73.9	--	0.4074	0.9898	0.9607	0.9948	0.9647	0.9717	0.8285
74.0	--	0.3938	0.9908	0.9515	0.9939	0.9509	0.9751	0.7616
74.1	--	0.2481	0.9881	0.9520	0.9939	0.9416	0.9687	0.7050
74.2	--	0.4196	0.9827	0.9609	0.9945	0.9447	0.9634	0.6703
74.3	--	0.3427	0.9853	0.9583	0.9948	0.9451	0.9743	0.6522
74.4	--	0.3268	0.9847	0.9610	0.9941	0.9432	0.9732	0.5538
74.5	--	0.3035	0.9867	0.9622	0.9945	0.9490	0.9809	0.4983
74.6	--	0.2118	0.9880	0.9736	0.9951	0.9678	0.9798	0.4148
74.7	--	0.2711	0.9910	0.9800	0.9963	0.9704	0.9859	0.4210
74.8	--	0.2078	0.9895	0.9731	0.9955	0.9610	0.9839	0.2110
74.9	--	0.0543	0.9832	0.9585	0.9924	0.9454	0.9717	0.0017
75.0	--	0.1183	0.9885	0.9663	0.9940	0.9504	0.9820	0.0223
75.1	--	0.1498	0.9871	0.9671	0.9944	0.9525	0.9785	0.0293
75.2	--	0.1331	0.9816	0.9531	0.9906	0.9221	0.9712	0.0612
75.3	--	0.2022	0.9787	0.9519	0.9888	0.9089	0.9639	0.0908
75.4	--	0.2893	0.9860	0.9661	0.9938	0.9091	0.9796	0.3256
75.5	--	0.2713	0.9838	0.9629	0.9885	0.9040	0.9788	0.4351
75.6	--	0.2277	0.9823	0.9604	0.9908	0.8800	0.9771	0.4473
75.7	--	0.2117	0.9854	0.9667	0.9916	0.8700	0.9792	0.5894
75.8	--	0.2596	0.9873	0.9699	0.9918	0.8645	0.9828	0.6894
75.9	--	0.1806	0.9847	0.9580	0.9901	0.8134	0.9801	0.8136
76.0	--	0.2795	0.9846	0.9495	0.9908	0.7968	0.9831	0.8747
76.1	--	0.3000	0.9828	0.9381	0.9909	0.7186	0.9841	0.8660
76.2	--	0.4109	0.9828	0.9384	0.9899	0.6811	0.9819	0.8651
76.3	--	0.4024	0.9836	0.9446	0.9877	0.7141	0.9795	0.8705
76.4	--	0.5122	0.9796	0.9345	0.9887	0.7364	0.9734	0.8829
76.5	--	0.5719	0.9859	0.9469	0.9923	0.7379	0.9844	0.9443
76.6	--	0.6852	0.9883	0.9405	0.9911	0.7707	0.9851	0.9407
76.7	--	0.6570	0.9852	0.9287	0.9885	0.6168	0.9793	0.9366

76.8	--	0.6832	0.9876	0.9201	0.9870	0.6438	0.9782	0.9349
76.9	--	0.6966	0.9794	0.8429	0.9828	0.5733	0.9737	0.9322
77.0	--	0.7541	0.9824	0.8706	0.9851	0.6526	0.9715	0.9598
77.1	--	0.8143	0.9856	0.8891	0.9826	0.7423	0.9781	0.9661
77.2	--	0.8289	0.9831	0.8356	0.9824	0.7322	0.9808	0.9687
77.3	--	0.8173	0.9702	0.7678	0.9669	0.7290	0.9645	0.9455
77.4	--	0.8485	0.9783	0.8339	0.9623	0.8148	0.9707	0.9621
77.5	--	0.8518	0.9842	0.8371	0.9643	0.8604	0.9801	0.9698
77.6	--	0.8515	0.9856	0.7686	0.9358	0.8828	0.9772	0.9736
77.7	--	0.8723	0.9880	0.8011	0.9011	0.8854	0.9803	0.9758
77.8	--	0.8748	0.9854	0.7364	0.9217	0.8884	0.9762	0.9710
77.9	--	0.8951	0.9875	0.8012	0.9683	0.9299	0.9775	0.9779
78.0	--	0.9353	0.9900	0.8828	0.9756	0.9484	0.9788	0.9803
78.1	--	0.9202	0.9884	0.8565	0.9778	0.9384	0.9743	0.9780
78.2	--	0.9149	0.9818	0.8664	0.9720	0.9312	0.9638	0.9707
78.3	--	0.9267	0.9835	0.8783	0.9773	0.9353	0.9594	0.9690
78.4	--	0.9295	0.9896	0.8848	0.9810	0.9481	0.9695	0.9772
78.5	--	0.9120	0.9849	0.8888	0.9758	0.9556	0.9590	0.9748
78.6	--	0.9332	0.9860	0.8881	0.9796	0.9563	0.9499	0.9725
78.7	--	0.9307	0.9855	0.9041	0.9830	0.9581	0.9515	0.9746
78.8	--	0.9237	0.9836	0.8880	0.9798	0.9464	0.9338	0.9663
78.9	--	0.9139	0.9834	0.8827	0.9742	0.9499	0.9242	0.9700
79.0	--	0.9075	0.9818	0.8543	0.9730	0.9541	0.9159	0.9656
79.1	--	0.9038	0.9824	0.8108	0.9798	0.9536	0.9070	0.9689
79.2	--	0.9366	0.9867	0.8921	0.9790	0.9570	0.8497	0.9668
79.3	--	0.9501	0.9855	0.9339	0.9771	0.9621	0.8389	0.9661
79.4	--	0.9451	0.9858	0.9418	0.9683	0.9631	0.7337	0.9595
79.5	--	0.9399	0.9842	0.9369	0.9596	0.9521	0.6671	0.9467
79.6	--	0.9229	0.9778	0.9207	0.9535	0.9530	0.6017	0.9372
79.7	--	0.9294	0.9806	0.9267	0.9653	0.9598	0.6908	0.9519
79.8	--	0.9404	0.9818	0.9379	0.9753	0.9580	0.7227	0.9492
79.9	--	0.9385	0.9736	0.9346	0.9660	0.9484	0.6481	0.9397
80.0	--	0.9516	0.9782	0.9425	0.9664	0.9445	0.6770	0.9390

2.2.83 Run 7 – VT270-200 – Accels 33–40

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.3336	0.1733	0.1029	0.3623	0.5425	0.0601	0.4185	0.2845
0.1	0.0148	0.0422	0.0720	0.0283	0.0926	0.0080	0.0707	0.0140
0.2	0.0624	0.0700	0.0265	0.0062	0.0180	0.0154	0.0508	0.0174
0.3	0.0258	0.0089	0.0027	0.0036	0.0145	0.0028	0.0029	0.0070
0.4	0.0131	0.0026	0.0088	0.0009	0.0078	0.0280	0.0298	0.0404
0.5	0.0054	0.0080	0.0049	0.0223	0.0171	0.0017	0.0236	0.0369
0.6	0.0011	0.0146	0.0125	0.0087	0.0002	0.0770	0.0117	0.0036
0.7	0.0094	0.0199	0.0148	0.0384	0.0102	0.0388	0.0159	0.0037
0.8	0.0233	0.0198	0.0351	0.0221	0.0082	0.0125	0.0043	0.0125
0.9	0.0007	0.0175	0.0136	0.0294	0.0028	0.0350	0.0732	0.0382
1.0	0.0192	0.0064	0.0014	0.0224	0.0013	0.0108	0.0224	0.0197
1.1	0.0181	0.0043	0.0379	0.0140	0.0191	0.0473	0.0163	0.0294
1.2	0.0010	0.0241	0.0015	0.0912	0.0716	0.0776	0.0038	0.0036
1.3	0.1128	0.0056	0.0945	0.1434	0.0510	0.0458	0.0171	0.0052
1.4	0.1120	0.0253	0.1494	0.0699	0.0034	0.1049	0.0990	0.0104
1.5	0.1980	0.0315	0.1791	0.1222	0.0759	0.2484	0.1410	0.0136
1.6	0.3736	0.0843	0.2946	0.1621	0.0205	0.2191	0.0675	0.0046
1.7	0.3714	0.0738	0.3268	0.2279	0.0091	0.1285	0.0970	0.0182
1.8	0.2714	0.0149	0.2778	0.4372	0.0081	0.1882	0.0841	0.0348
1.9	0.4991	0.3114	0.4013	0.6127	0.0060	0.3840	0.2553	0.0032
2.0	0.7457	0.6486	0.4961	0.7335	0.0329	0.4930	0.4640	0.0016
2.1	0.8370	0.4901	0.6798	0.8292	0.0453	0.5240	0.5940	0.1031
2.2	0.8522	0.4796	0.7383	0.7865	0.0500	0.4955	0.7158	0.0318
2.3	0.4836	0.5218	0.6835	0.4602	0.0233	0.2426	0.5048	0.0069
2.4	0.3327	0.5781	0.6330	0.3287	0.0327	0.3516	0.3370	0.0472
2.5	0.3205	0.4774	0.7855	0.3250	0.0067	0.5866	0.2931	0.0438
2.6	0.7868	0.3740	0.9043	0.7847	0.0009	0.9166	0.5920	0.0988
2.7	0.9037	0.1958	0.8880	0.9118	0.0118	0.8586	0.2126	0.1309
2.8	0.8802	0.1715	0.8778	0.8517	0.0223	0.8199	0.0323	0.0142
2.9	0.8515	0.1511	0.8817	0.8923	0.0206	0.8007	0.0376	0.0415
3.0	0.8307	0.0783	0.9095	0.8689	0.0083	0.8000	0.0440	0.0708
3.1	0.7691	0.1180	0.8904	0.8484	0.0007	0.7954	0.0216	0.0411
3.2	0.7080	0.0999	0.8887	0.7809	0.0047	0.8082	0.0427	0.0486
3.3	0.7571	0.1244	0.8851	0.7232	0.0061	0.8252	0.0235	0.0157
3.4	0.7450	0.1029	0.9020	0.7248	0.0108	0.8074	0.0268	0.0497
3.5	0.6283	0.0110	0.8533	0.6402	0.0275	0.7405	0.0050	0.0037
3.6	0.3458	0.0575	0.7484	0.3580	0.0132	0.4611	0.0425	0.0003
3.7	0.3633	0.1150	0.8637	0.5454	0.0065	0.6243	0.1363	0.0601
3.8	0.8755	0.5229	0.9819	0.8960	0.0069	0.9405	0.5564	0.0458
3.9	0.9717	0.8160	0.9957	0.9680	0.0215	0.9906	0.8232	0.0893
4.0	0.9787	0.8637	0.9974	0.9825	0.0667	0.9953	0.8789	0.4726
4.1	0.9729	0.8285	0.9968	0.9787	0.0137	0.9940	0.8632	0.5197
4.2	0.9468	0.7453	0.9955	0.9614	0.0259	0.9921	0.7798	0.4333
4.3	0.9226	0.6500	0.9938	0.9243	0.0744	0.9889	0.7614	0.4763
4.4	0.8864	0.6757	0.9912	0.8703	0.0088	0.9846	0.5990	0.4449
4.5	0.8117	0.6126	0.9922	0.8368	0.0034	0.9819	0.2600	0.5001
4.6	0.7615	0.5130	0.9903	0.8264	0.0053	0.9651	0.0224	0.5437
4.7	0.5644	0.5699	0.9812	0.6901	0.0542	0.9361	0.1996	0.4818
4.8	0.8094	0.8690	0.9904	0.8476	0.0193	0.9657	0.6553	0.7734
4.9	0.8180	0.8445	0.9871	0.8508	0.0100	0.9525	0.6846	0.7274
5.0	0.6796	0.6118	0.9835	0.7588	0.0172	0.9579	0.1538	0.5489
5.1	0.7248	0.7761	0.9879	0.8146	0.0216	0.9686	0.4187	0.7590
5.2	0.8115	0.6897	0.9901	0.8310	0.0020	0.9699	0.6033	0.7295
5.3	0.6203	0.3223	0.9902	0.7285	0.0001	0.9543	0.5810	0.3916
5.4	0.0714	0.0464	0.9716	0.2772	0.0308	0.8390	0.3509	0.3143
5.5	0.3675	0.1057	0.9866	0.1472	0.0180	0.9362	0.5899	0.3643
5.6	0.8038	0.5409	0.9967	0.7332	0.0049	0.9827	0.8486	0.6391
5.7	0.9135	0.8429	0.9975	0.9054	0.0170	0.9925	0.8931	0.6784
5.8	0.9606	0.9409	0.9980	0.9515	0.0703	0.9946	0.9203	0.8094
5.9	0.9781	0.9650	0.9986	0.9801	0.0937	0.9972	0.9518	0.8109
6.0	0.9887	0.9554	0.9978	0.9867	0.1759	0.9977	0.9745	0.7778
6.1	0.9824	0.9479	0.9956	0.9828	0.1300	0.9972	0.9735	0.7652
6.2	0.9803	0.9573	0.9964	0.9848	0.0530	0.9968	0.9714	0.7542
6.3	0.9826	0.9659	0.9959	0.9874	0.0639	0.9971	0.9885	0.5972
6.4	0.9837	0.9674	0.9954	0.9854	0.0696	0.9973	0.9859	0.2637
6.5	0.9853	0.9731	0.9964	0.9866	0.0136	0.9980	0.9900	0.3979
6.6	0.9792	0.9667	0.9952	0.9827	0.0339	0.9972	0.9937	0.5802
6.7	0.9702	0.9708	0.9904	0.9748	0.1041	0.9954	0.9827	0.7125
6.8	0.9762	0.9758	0.9888	0.9767	0.0406	0.9962	0.9849	0.7787
6.9	0.9680	0.9730	0.9816	0.9669	0.0618	0.9953	0.9774	0.8576
7.0	0.9203	0.9601	0.9468	0.9188	0.0697	0.9886	0.9268	0.8142
7.1	0.9169	0.9271	0.9367	0.9174	0.1453	0.9873	0.8996	0.8661
7.2	0.9186	0.8986	0.9287	0.9228	0.3372	0.9796	0.8984	0.8128
7.3	0.9637	0.9136	0.9657	0.9670	0.3507	0.9739	0.9385	0.7491
7.4	0.9378	0.9002	0.9234	0.9382	0.3785	0.9782	0.9177	0.7575
7.5	0.9580	0.9069	0.9176	0.9584	0.3005	0.9925	0.9574	0.8321
7.6	0.9694	0.9307	0.8933	0.9719	0.2833	0.9957	0.9828	0.8396
7.7	0.9840	0.9701	0.9363	0.9890	0.3557	0.9932	0.9926	0.9193
7.8	0.9857	0.9744	0.8902	0.9916	0.2968	0.9859	0.9919	0.9067
7.9	0.9871	0.9478	0.9457	0.9906	0.3192	0.9844	0.9901	0.8476

8.0	0.9871	0.9202	0.9643	0.9909	0.2213	0.9919	0.9877	0.7938
8.1	0.9849	0.9516	0.9665	0.9895	0.2078	0.9898	0.9805	0.7569
8.2	0.9892	0.9714	0.9919	0.9932	0.1323	0.9963	0.9920	0.8462
8.3	0.9915	0.9696	0.9923	0.9947	0.0567	0.9968	0.9916	0.8176
8.4	0.9872	0.9389	0.9911	0.9922	0.0750	0.9957	0.9893	0.6824
8.5	0.9874	0.9142	0.9883	0.9920	0.1258	0.9941	0.9889	0.6282
8.6	0.9922	0.9297	0.9915	0.9945	0.1918	0.9946	0.9942	0.5296
8.7	0.9907	0.9223	0.9890	0.9931	0.0268	0.9919	0.9937	0.5484
8.8	0.9868	0.8907	0.9837	0.9894	0.0831	0.9864	0.9883	0.6067
8.9	0.9879	0.8798	0.9833	0.9893	0.1438	0.9851	0.9843	0.7499
9.0	0.9817	0.9088	0.9818	0.9839	0.2810	0.9817	0.9554	0.7778
9.1	0.9745	0.9394	0.9661	0.9764	0.4109	0.9674	0.8015	0.6416
9.2	0.9466	0.9217	0.9336	0.9477	0.2316	0.9338	0.9474	0.7868
9.3	0.9231	0.9405	0.9247	0.9239	0.4303	0.9228	0.9685	0.8699
9.4	0.9293	0.9582	0.9406	0.9306	0.5799	0.9387	0.9779	0.8825
9.5	0.9565	0.9783	0.9685	0.9580	0.5792	0.9677	0.9846	0.9109
9.6	0.9504	0.9701	0.9688	0.9534	0.5034	0.9685	0.9859	0.9090
9.7	0.9558	0.9730	0.9788	0.9604	0.4651	0.9792	0.9874	0.9221
9.8	0.9642	0.9750	0.9855	0.9708	0.5561	0.9864	0.9887	0.9229
9.9	0.9749	0.9682	0.9915	0.9793	0.7225	0.9926	0.9902	0.9101
10.0	0.9616	0.9639	0.9921	0.9730	0.7110	0.9935	0.9822	0.8870
10.1	0.9649	0.9664	0.9938	0.9780	0.5857	0.9954	0.9754	0.8765
10.2	0.9744	0.9732	0.9947	0.9818	0.5959	0.9967	0.9553	0.8377
10.3	0.9729	0.9766	0.9981	0.9809	0.7358	0.9989	0.9263	0.8525
10.4	0.9678	0.9809	0.9991	0.9815	0.7856	0.9993	0.9259	0.8709
10.5	0.9709	0.9865	0.9985	0.9830	0.7248	0.9991	0.9146	0.8650
10.6	0.9646	0.9868	0.9976	0.9780	0.7408	0.9986	0.9151	0.8773
10.7	0.9546	0.9812	0.9958	0.9727	0.7695	0.9979	0.9024	0.9079
10.8	0.9419	0.9869	0.9953	0.9803	0.7604	0.9983	0.8638	0.8942
10.9	0.9212	0.9883	0.9962	0.9708	0.7346	0.9990	0.8487	0.9091
11.0	0.8913	0.9930	0.9965	0.9663	0.8211	0.9993	0.8701	0.9341
11.1	0.8100	0.9934	0.9950	0.9502	0.7970	0.9993	0.8100	0.9166
11.2	0.7926	0.9938	0.9966	0.9397	0.7900	0.9994	0.8587	0.9213
11.3	0.7696	0.9928	0.9945	0.9350	0.7913	0.9992	0.8937	0.9156
11.4	0.7698	0.9945	0.9918	0.9263	0.8497	0.9993	0.9400	0.9325
11.5	0.7338	0.9959	0.9935	0.9125	0.8400	0.9996	0.9517	0.9604
11.6	0.6693	0.9959	0.9853	0.8752	0.7898	0.9995	0.9200	0.9594
11.7	0.7300	0.9963	0.9794	0.8620	0.7897	0.9995	0.9230	0.9741
11.8	0.7232	0.9965	0.9656	0.7758	0.7861	0.9993	0.9114	0.9633
11.9	0.7680	0.9959	0.9477	0.7829	0.8583	0.9991	0.8684	0.9727
12.0	0.8695	0.9953	0.9607	0.8573	0.9325	0.9989	0.9152	0.9819
12.1	0.9028	0.9952	0.9724	0.9004	0.9227	0.9989	0.9287	0.9798
12.2	0.9169	0.9900	0.9781	0.9020	0.9230	0.9985	0.9349	0.9821
12.3	0.9275	0.9848	0.9816	0.9116	0.9077	0.9979	0.9353	0.9759
12.4	0.9187	0.9736	0.9842	0.9086	0.8982	0.9959	0.9338	0.9665
12.5	0.9193	0.9640	0.9862	0.9100	0.9406	0.9938	0.9400	0.9674
12.6	0.9367	0.9656	0.9880	0.9331	0.9595	0.9930	0.9491	0.9537
12.7	0.9375	0.9670	0.9846	0.9343	0.9550	0.9929	0.9625	0.9567
12.8	0.9394	0.9717	0.9842	0.9414	0.9615	0.9950	0.9671	0.9470
12.9	0.9459	0.9758	0.9826	0.9606	0.9687	0.9976	0.9738	0.9621
13.0	0.9546	0.9815	0.9811	0.9674	0.9744	0.9976	0.9838	0.9579
13.1	0.9436	0.9775	0.9764	0.9673	0.9715	0.9946	0.9778	0.9618
13.2	0.9546	0.9854	0.9837	0.9662	0.9785	0.9932	0.9859	0.9693
13.3	0.9167	0.9663	0.9663	0.9193	0.9612	0.9799	0.9591	0.9464
13.4	0.9202	0.9622	0.9658	0.8376	0.9572	0.9696	0.9580	0.9283
13.5	0.8721	0.9362	0.9467	0.7704	0.9338	0.9420	0.9389	0.8490
13.6	0.8843	0.9301	0.9457	0.8940	0.9293	0.9355	0.9303	0.8956
13.7	0.9021	0.9405	0.9596	0.9352	0.9414	0.9340	0.9407	0.9219
13.8	0.9497	0.9643	0.9800	0.9720	0.9679	0.9472	0.9620	0.9351
13.9	0.9569	0.9722	0.9862	0.9749	0.9730	0.9522	0.9715	0.9490
14.0	0.9617	0.9837	0.9928	0.9719	0.9837	0.9578	0.9822	0.9613
14.1	0.9325	0.9833	0.9891	0.9508	0.9823	0.9237	0.9749	0.9397
14.2	0.9196	0.9863	0.9824	0.9432	0.9861	0.9202	0.9764	0.9395
14.3	0.9299	0.9922	0.9791	0.9508	0.9905	0.9488	0.9875	0.9525
14.4	0.9157	0.9945	0.9681	0.9442	0.9916	0.9528	0.9911	0.9574
14.5	0.9402	0.9946	0.9662	0.9609	0.9918	0.9697	0.9882	0.9560
14.6	0.8944	0.9931	0.9433	0.9411	0.9895	0.9463	0.9740	0.9218
14.7	0.9033	0.9941	0.9677	0.9564	0.9893	0.9447	0.9695	0.8921
14.8	0.9265	0.9963	0.9798	0.9689	0.9900	0.9499	0.9648	0.8722
14.9	0.9022	0.9966	0.9819	0.9619	0.9876	0.9237	0.9322	0.7102
15.0	0.8368	0.9969	0.9830	0.9332	0.9898	0.8944	0.9060	0.1636
15.1	0.8544	0.9974	0.9918	0.9341	0.9905	0.9273	0.9263	0.7483
15.2	0.8969	0.9972	0.9970	0.9425	0.9865	0.9555	0.9518	0.9149
15.3	0.8407	0.9952	0.9966	0.9179	0.9810	0.9190	0.9407	0.9413
15.4	0.7964	0.9958	0.9976	0.9296	0.9857	0.8858	0.9494	0.9274
15.5	0.7736	0.9969	0.9985	0.9538	0.9878	0.8743	0.9571	0.9319
15.6	0.7371	0.9962	0.9979	0.9304	0.9858	0.6927	0.9480	0.9061
15.7	0.8129	0.9970	0.9985	0.9619	0.9821	0.8829	0.9557	0.9532
15.8	0.8236	0.9969	0.9984	0.9649	0.9807	0.9235	0.9629	0.9588
15.9	0.7859	0.9971	0.9985	0.9500	0.9775	0.9469	0.9615	0.9577
16.0	0.8356	0.9971	0.9988	0.9636	0.9805	0.9740	0.9478	0.9672
16.1	0.8723	0.9969	0.9993	0.9702	0.9835	0.9869	0.9350	0.9695
16.2	0.8612	0.9968	0.9989	0.9610	0.9798	0.9858	0.8681	0.9665
16.3	0.8481	0.9976	0.9977	0.9498	0.9818	0.9850	0.8006	0.9679
16.4	0.8140	0.9962	0.9970	0.9247	0.9732	0.9876	0.6495	0.9607
16.5	0.8017	0.9957	0.9966	0.9336	0.9742	0.9876	0.8152	0.9428

16.6	0.8540	0.9965	0.9948	0.8649	0.9735	0.9910	0.8706	0.9308
16.7	0.8986	0.9965	0.9908	0.6656	0.9701	0.9846	0.7587	0.8601
16.8	0.9324	0.9965	0.9937	0.7529	0.9748	0.9754	0.8731	0.8471
16.9	0.9413	0.9963	0.9951	0.7821	0.9689	0.9740	0.8582	0.8467
17.0	0.9450	0.9973	0.9910	0.8426	0.9740	0.9897	0.7055	0.8036
17.1	0.9515	0.9964	0.9696	0.8749	0.9666	0.9882	0.2643	0.5654
17.2	0.9695	0.9979	0.9840	0.9271	0.9739	0.9850	0.7913	0.6775
17.3	0.9763	0.9986	0.9969	0.9533	0.9819	0.9908	0.9336	0.8348
17.4	0.9655	0.9975	0.9923	0.9174	0.9685	0.9850	0.8754	0.6250
17.5	0.9684	0.9971	0.9922	0.8949	0.9689	0.9842	0.8459	0.7348
17.6	0.9798	0.9977	0.9964	0.9434	0.9758	0.9887	0.8944	0.8355
17.7	0.9766	0.9976	0.9959	0.9568	0.9736	0.9914	0.9572	0.8359
17.8	0.9644	0.9980	0.9950	0.9488	0.9759	0.9873	0.9343	0.8192
17.9	0.9706	0.9978	0.9963	0.9631	0.9735	0.9822	0.9525	0.8012
18.0	0.9786	0.9973	0.9969	0.9680	0.9774	0.9810	0.9577	0.8046
18.1	0.9800	0.9972	0.9963	0.9726	0.9744	0.9849	0.9770	0.8022
18.2	0.9718	0.9962	0.9937	0.9712	0.9682	0.9685	0.9763	0.7798
18.3	0.9734	0.9969	0.9935	0.9751	0.9761	0.9660	0.9788	0.7446
18.4	0.9728	0.9970	0.9889	0.9657	0.9783	0.9603	0.9849	0.7678
18.5	0.8961	0.9955	0.9003	0.8219	0.9721	0.9095	0.9737	0.7735
18.6	0.8909	0.9925	0.6080	0.1685	0.9710	0.9165	0.9563	0.7337
18.7	0.9470	0.9938	0.8807	0.6353	0.9637	0.9533	0.9707	0.6392
18.8	0.9810	0.9943	0.9816	0.9508	0.9774	0.9899	0.9851	0.6855
18.9	0.9853	0.9944	0.9900	0.9754	0.9784	0.9953	0.9825	0.6762
19.0	0.9858	0.9931	0.9896	0.9776	0.9737	0.9940	0.9752	0.6166
19.1	0.9855	0.9900	0.9937	0.9796	0.9768	0.9944	0.9787	0.5868
19.2	0.9852	0.9889	0.9957	0.9864	0.9785	0.9962	0.9890	0.5992
19.3	0.9893	0.9891	0.9964	0.9893	0.9845	0.9974	0.9903	0.5403
19.4	0.9906	0.9872	0.9965	0.9872	0.9824	0.9974	0.9910	0.4114
19.5	0.9845	0.9755	0.9964	0.9829	0.9725	0.9966	0.9883	0.3238
19.6	0.9846	0.9630	0.9972	0.9825	0.9695	0.9950	0.9886	0.3752
19.7	0.9869	0.9602	0.9979	0.9831	0.9705	0.9962	0.9914	0.4544
19.8	0.9873	0.9514	0.9978	0.9849	0.9771	0.9952	0.9927	0.5611
19.9	0.9879	0.9275	0.9982	0.9844	0.9829	0.9910	0.9927	0.5824
20.0	0.9899	0.9081	0.9980	0.9825	0.9827	0.9935	0.9917	0.6808
20.1	0.9904	0.8616	0.9985	0.9887	0.9819	0.9949	0.9939	0.7403
20.2	0.9889	0.8329	0.9988	0.9887	0.9826	0.9963	0.9951	0.8115
20.3	0.9876	0.8304	0.9986	0.9862	0.9755	0.9968	0.9937	0.7739
20.4	0.9878	0.8749	0.9981	0.9823	0.9764	0.9972	0.9914	0.7655
20.5	0.9863	0.8842	0.9980	0.9832	0.9812	0.9971	0.9926	0.8178
20.6	0.9822	0.8919	0.9971	0.9770	0.9689	0.9952	0.9912	0.8097
20.7	0.9849	0.9355	0.9968	0.9796	0.9704	0.9953	0.9910	0.7963
20.8	0.9818	0.9497	0.9968	0.9759	0.9749	0.9951	0.9900	0.8262
20.9	0.9850	0.9645	0.9965	0.9648	0.9760	0.9951	0.9903	0.8499
21.0	0.9809	0.9693	0.9959	0.9690	0.9761	0.9936	0.9905	0.8589
21.1	0.9780	0.9635	0.9946	0.9513	0.9698	0.9901	0.9844	0.7782
21.2	0.9750	0.9731	0.9952	0.9533	0.9696	0.9951	0.9872	0.7476
21.3	0.9690	0.9724	0.9928	0.9497	0.9721	0.9915	0.9833	0.7728
21.4	0.9655	0.9710	0.9928	0.9166	0.9770	0.9905	0.9850	0.8064
21.5	0.9725	0.9784	0.9947	0.9168	0.9679	0.9931	0.9844	0.8289
21.6	0.9745	0.9830	0.9948	0.9096	0.9694	0.9911	0.9771	0.7986
21.7	0.9595	0.9761	0.9910	0.8835	0.9604	0.9861	0.9586	0.7567
21.8	0.9691	0.9798	0.9880	0.8652	0.9738	0.9747	0.9182	0.7646
21.9	0.9681	0.9844	0.9895	0.8850	0.9756	0.9665	0.9046	0.8183
22.0	0.9776	0.9859	0.9919	0.9179	0.9750	0.9768	0.8901	0.8765
22.1	0.9811	0.9876	0.9949	0.9274	0.9798	0.9834	0.9106	0.8906
22.2	0.9761	0.9842	0.9957	0.9233	0.9729	0.9888	0.9144	0.9187
22.3	0.9781	0.9848	0.9960	0.9330	0.9699	0.9890	0.9418	0.9297
22.4	0.9789	0.9779	0.9970	0.9225	0.9663	0.9891	0.9288	0.9146
22.5	0.9865	0.9828	0.9976	0.9646	0.9801	0.9930	0.9454	0.9311
22.6	0.9832	0.9746	0.9970	0.9657	0.9740	0.9944	0.9552	0.9570
22.7	0.9831	0.9696	0.9979	0.9619	0.9759	0.9927	0.9504	0.9595
22.8	0.9819	0.9511	0.9966	0.9662	0.9716	0.9930	0.9305	0.9502
22.9	0.9869	0.9499	0.9973	0.9770	0.9757	0.9945	0.9283	0.9664
23.0	0.9856	0.9323	0.9968	0.9727	0.9717	0.9916	0.8639	0.9548
23.1	0.9906	0.9269	0.9983	0.9778	0.9779	0.9903	0.7779	0.9557
23.2	0.9852	0.8836	0.9988	0.9763	0.9667	0.9899	0.7246	0.9328
23.3	0.9860	0.8862	0.9990	0.9860	0.9715	0.9928	0.7212	0.9290
23.4	0.9906	0.8304	0.9991	0.9832	0.9731	0.9947	0.6599	0.9521
23.5	0.9942	0.8281	0.9994	0.9897	0.9816	0.9964	0.7573	0.9659
23.6	0.9948	0.8096	0.9994	0.9914	0.9881	0.9973	0.8062	0.9600
23.7	0.9937	0.6277	0.9993	0.9909	0.9835	0.9966	0.7492	0.9457
23.8	0.9934	0.3704	0.9993	0.9887	0.9822	0.9965	0.8264	0.9272
23.9	0.9949	0.1807	0.9994	0.9905	0.9814	0.9976	0.9105	0.9267
24.0	0.9935	0.0460	0.9990	0.9914	0.9813	0.9975	0.9070	0.9099
24.1	0.9931	0.1304	0.9990	0.9899	0.9841	0.9970	0.9007	0.9092
24.2	0.9931	0.2942	0.9994	0.9912	0.9828	0.9972	0.9213	0.8724
24.3	0.9905	0.4336	0.9993	0.9918	0.9755	0.9978	0.9228	0.8390
24.4	0.9884	0.4453	0.9992	0.9865	0.9686	0.9966	0.8787	0.8116
24.5	0.9889	0.5377	0.9991	0.9859	0.9663	0.9962	0.8949	0.7828
24.6	0.9900	0.6973	0.9993	0.9910	0.9731	0.9967	0.9377	0.8052
24.7	0.9876	0.6963	0.9992	0.9899	0.9745	0.9964	0.9336	0.8284
24.8	0.9916	0.7812	0.9993	0.9922	0.9756	0.9979	0.9536	0.8024
24.9	0.9868	0.8094	0.9990	0.9902	0.9632	0.9978	0.9591	0.8207
25.0	0.9845	0.7836	0.9989	0.9825	0.9409	0.9975	0.9566	0.7563
25.1	0.9902	0.7439	0.9993	0.9868	0.9451	0.9977	0.9700	0.7353

25.2	0.9922	0.8444	0.9992	0.9905	0.9593	0.9985	0.9805	0.7778
25.3	0.9890	0.8541	0.9990	0.9905	0.9564	0.9983	0.9804	0.7525
25.4	0.9823	0.8032	0.9981	0.9888	0.9184	0.9971	0.9482	0.6789
25.5	0.9862	0.8850	0.9987	0.9923	0.9358	0.9977	0.9618	0.7310
25.6	0.9794	0.8730	0.9982	0.9857	0.9271	0.9954	0.9321	0.6671
25.7	0.9767	0.8835	0.9985	0.9828	0.9326	0.9942	0.9242	0.6336
25.8	0.9752	0.9135	0.9986	0.9830	0.9167	0.9962	0.9090	0.5745
25.9	0.9852	0.9486	0.9986	0.9873	0.9274	0.9958	0.8954	0.5163
26.0	0.9856	0.9632	0.9980	0.9841	0.9277	0.9966	0.9210	0.5063
26.1	0.9829	0.9560	0.9979	0.9794	0.8935	0.9978	0.9151	0.5115
26.2	0.9848	0.9508	0.9966	0.9631	0.8250	0.9975	0.8725	0.4382
26.3	0.9899	0.9683	0.9976	0.9702	0.8278	0.9971	0.8261	0.2279
26.4	0.9879	0.9783	0.9973	0.9544	0.8736	0.9976	0.7835	0.1434
26.5	0.9848	0.9774	0.9961	0.9231	0.8579	0.9950	0.7554	0.1863
26.6	0.9849	0.9839	0.9953	0.9087	0.8080	0.9953	0.7822	0.2048
26.7	0.9905	0.9880	0.9967	0.9169	0.8025	0.9967	0.8083	0.1619
26.8	0.9911	0.9865	0.9963	0.8875	0.7642	0.9958	0.7752	0.1397
26.9	0.9893	0.9883	0.9952	0.8265	0.6806	0.9962	0.7587	0.0813
27.0	0.9873	0.9845	0.9945	0.7449	0.6322	0.9965	0.7954	0.0670
27.1	0.9912	0.9893	0.9958	0.7499	0.5851	0.9977	0.7927	0.0538
27.2	0.9936	0.9913	0.9961	0.7999	0.5002	0.9977	0.7538	0.1217
27.3	0.9928	0.9868	0.9916	0.8040	0.3887	0.9961	0.7043	0.2627
27.4	0.9896	0.9843	0.9893	0.8524	0.2641	0.9954	0.6859	0.2503
27.5	0.9855	0.9743	0.9783	0.8792	0.0674	0.9946	0.5896	0.1541
27.6	0.9904	0.9832	0.9786	0.9308	0.1485	0.9960	0.5561	0.1916
27.7	0.9926	0.9898	0.9867	0.9617	0.3535	0.9976	0.6510	0.3177
27.8	0.9930	0.9901	0.9852	0.9686	0.4547	0.9972	0.6780	0.3704
27.9	0.9924	0.9852	0.9790	0.9567	0.5245	0.9966	0.5455	0.2959
28.0	0.9913	0.9837	0.9721	0.9522	0.6051	0.9955	0.4653	0.3074
28.1	0.9919	0.9827	0.9649	0.9445	0.6629	0.9959	0.5633	0.4012
28.2	0.9921	0.9788	0.9504	0.9326	0.6732	0.9964	0.4163	0.3920
28.3	0.9898	0.9720	0.9793	0.9203	0.6307	0.9955	0.2146	0.2927
28.4	0.9916	0.9717	0.9883	0.9081	0.7328	0.9961	0.3086	0.2323
28.5	0.9948	0.9828	0.9892	0.9285	0.8171	0.9973	0.4154	0.3263
28.6	0.9939	0.9849	0.9910	0.9253	0.8451	0.9970	0.3350	0.3894
28.7	0.9918	0.9787	0.9881	0.9122	0.7186	0.9952	0.2448	0.2154
28.8	0.9924	0.9772	0.9867	0.8897	0.6301	0.9949	0.2144	0.3697
28.9	0.9939	0.9813	0.9907	0.8919	0.6928	0.9932	0.2417	0.3711
29.0	0.9942	0.9802	0.9899	0.8482	0.7928	0.9932	0.4200	0.2022
29.1	0.9951	0.9859	0.9896	0.8351	0.7756	0.9925	0.6307	0.2102
29.2	0.9939	0.9860	0.9907	0.8080	0.6539	0.9897	0.6806	0.2452
29.3	0.9943	0.9871	0.9901	0.8130	0.7339	0.9908	0.6312	0.3676
29.4	0.9960	0.9913	0.9908	0.8346	0.6768	0.9877	0.7106	0.4706
29.5	0.9959	0.9916	0.9935	0.8716	0.6454	0.9871	0.7678	0.5712
29.6	0.9963	0.9938	0.9917	0.8962	0.6510	0.9823	0.8094	0.5621
29.7	0.9950	0.9918	0.9923	0.8858	0.5967	0.9762	0.8151	0.3820
29.8	0.9957	0.9933	0.9926	0.8811	0.6226	0.9809	0.8815	0.4491
29.9	0.9954	0.9934	0.9900	0.7884	0.6316	0.9775	0.8815	0.4624
30.0	0.9952	0.9936	0.9900	0.8459	0.5281	0.9737	0.8432	0.4715
30.1	0.9951	0.9923	0.9906	0.9197	0.4230	0.9692	0.8814	0.3899
30.2	0.9950	0.9926	0.9926	0.9129	0.4169	0.9686	0.9009	0.3628
30.3	0.9936	0.9920	0.9937	0.9323	0.5275	0.9732	0.9215	0.2786
30.4	0.9946	0.9928	0.9953	0.9493	0.4819	0.9792	0.9370	0.2103
30.5	0.9933	0.9917	0.9978	0.9584	0.5136	0.9759	0.9470	0.3308
30.6	0.9938	0.9902	0.9974	0.9525	0.6087	0.9738	0.9283	0.2501
30.7	0.9931	0.9860	0.9976	0.9451	0.5332	0.9747	0.9366	0.1943
30.8	0.9902	0.9797	0.9960	0.9339	0.4940	0.9630	0.9312	0.1190
30.9	0.9906	0.9853	0.9962	0.9565	0.4748	0.9634	0.9428	0.1638
31.0	0.9879	0.9795	0.9952	0.9472	0.4457	0.9591	0.9431	0.1026
31.1	0.9804	0.9692	0.9945	0.9391	0.4902	0.9614	0.9322	0.1779
31.2	0.9881	0.9790	0.9969	0.9599	0.5038	0.9457	0.9400	0.2947
31.3	0.9832	0.9726	0.9958	0.9563	0.4071	0.9237	0.9485	0.2936
31.4	0.9766	0.9669	0.9951	0.9507	0.4243	0.8884	0.9558	0.2519
31.5	0.9659	0.9540	0.9949	0.9353	0.3904	0.7442	0.9171	0.1233
31.6	0.9598	0.9461	0.9934	0.9263	0.4739	0.7652	0.9071	0.2368
31.7	0.9650	0.9529	0.9942	0.9394	0.5226	0.8325	0.9320	0.3802
31.8	0.9623	0.9515	0.9939	0.9448	0.6272	0.8868	0.9250	0.3235
31.9	0.9536	0.9422	0.9943	0.9408	0.6762	0.9453	0.9278	0.3858
32.0	0.9440	0.9338	0.9928	0.9377	0.6926	0.9546	0.9354	0.3459
32.1	0.9242	0.9204	0.9930	0.9287	0.7070	0.9654	0.9247	0.2143
32.2	0.9179	0.9285	0.9926	0.9446	0.7771	0.9696	0.9178	0.2972
32.3	0.9031	0.9228	0.9920	0.9406	0.7812	0.9723	0.9132	0.1873
32.4	0.8568	0.8921	0.9909	0.9238	0.6993	0.9751	0.9235	0.0958
32.5	0.8104	0.8772	0.9871	0.9219	0.6783	0.9649	0.9047	0.0732
32.6	0.7852	0.8744	0.9881	0.9285	0.7671	0.9768	0.8867	0.1444
32.7	0.7473	0.8722	0.9888	0.9371	0.7088	0.9865	0.9173	0.0878
32.8	0.7193	0.8665	0.9857	0.9400	0.6787	0.9851	0.9319	0.0870
32.9	0.7410	0.8681	0.9817	0.9408	0.6657	0.9860	0.9189	0.1888
33.0	0.7155	0.8074	0.9760	0.9261	0.6748	0.9878	0.9046	0.2333
33.1	0.7665	0.8334	0.9731	0.9445	0.7017	0.9920	0.8851	0.1787
33.2	0.7984	0.8550	0.9661	0.9509	0.6573	0.9918	0.8679	0.0823
33.3	0.7898	0.8550	0.9627	0.9483	0.6534	0.9909	0.8828	0.1339
33.4	0.7218	0.8153	0.9444	0.9424	0.6381	0.9873	0.8671	0.2063
33.5	0.7654	0.7782	0.9455	0.9412	0.6654	0.9902	0.8617	0.2849
33.6	0.8411	0.7622	0.9535	0.9427	0.5951	0.9905	0.8640	0.2720
33.7	0.8866	0.7316	0.9622	0.9499	0.6173	0.9934	0.8968	0.4941

33.8	0.9109	0.6193	0.9651	0.9351	0.5671	0.9926	0.8544	0.5177
33.9	0.9201	0.5029	0.9724	0.9394	0.6535	0.9926	0.8586	0.5531
34.0	0.9141	0.3108	0.9774	0.9327	0.6623	0.9922	0.8730	0.5912
34.1	0.9292	0.1082	0.9640	0.8973	0.7148	0.9905	0.8574	0.5221
34.2	0.9322	0.0909	0.9614	0.9173	0.7140	0.9882	0.8813	0.4841
34.3	0.9600	0.0177	0.9622	0.9221	0.6831	0.9901	0.8731	0.5195
34.4	0.9649	0.1242	0.9593	0.9137	0.6949	0.9912	0.8546	0.5278
34.5	0.9540	0.1109	0.9456	0.9127	0.6009	0.9856	0.8609	0.4876
34.6	0.9621	0.1757	0.9399	0.9227	0.5094	0.9887	0.8758	0.5639
34.7	0.9643	0.2287	0.9411	0.9522	0.5656	0.9905	0.8691	0.6083
34.8	0.9723	0.1405	0.9341	0.9630	0.5577	0.9903	0.8713	0.6681
34.9	0.9728	0.1591	0.9406	0.9534	0.5047	0.9924	0.8805	0.6617
35.0	0.9745	0.2986	0.9349	0.9638	0.4798	0.9934	0.9208	0.7142
35.1	0.9851	0.5659	0.9293	0.9755	0.5137	0.9951	0.9174	0.7549
35.2	0.9854	0.6304	0.9104	0.9693	0.6521	0.9942	0.9238	0.7721
35.3	0.9826	0.6682	0.8689	0.9592	0.5204	0.9909	0.9068	0.7385
35.4	0.9791	0.7264	0.8549	0.9364	0.4584	0.9896	0.8947	0.7431
35.5	0.9849	0.8170	0.8611	0.9296	0.4927	0.9913	0.9282	0.8236
35.6	0.9860	0.8784	0.8607	0.9235	0.6072	0.9910	0.9254	0.8151
35.7	0.9885	0.8799	0.8825	0.9107	0.5698	0.9917	0.9240	0.7922
35.8	0.9860	0.8627	0.8289	0.8896	0.5726	0.9871	0.9125	0.7781
35.9	0.9860	0.8889	0.8796	0.9389	0.6245	0.9889	0.9333	0.8462
36.0	0.9872	0.8729	0.8622	0.9455	0.6212	0.9890	0.9284	0.8536
36.1	0.9846	0.8041	0.7909	0.9167	0.5884	0.9767	0.8890	0.7293
36.2	0.9876	0.8521	0.8063	0.9420	0.7045	0.9821	0.9031	0.7743
36.3	0.9875	0.8321	0.8300	0.9612	0.6751	0.9827	0.8915	0.7014
36.4	0.9883	0.8188	0.8035	0.9625	0.6579	0.9772	0.8907	0.6943
36.5	0.9909	0.8202	0.8366	0.9693	0.6941	0.9851	0.9084	0.6302
36.6	0.9896	0.8215	0.8587	0.9730	0.6886	0.9878	0.9201	0.6588
36.7	0.9880	0.7593	0.8834	0.9668	0.6500	0.9873	0.9341	0.7004
36.8	0.9912	0.8007	0.8993	0.9736	0.7270	0.9883	0.9525	0.8141
36.9	0.9910	0.8472	0.9111	0.9764	0.6999	0.9899	0.9508	0.8218
37.0	0.9895	0.7845	0.9081	0.9753	0.6070	0.9869	0.9344	0.7889
37.1	0.9905	0.8480	0.9381	0.9702	0.7698	0.9886	0.9285	0.7471
37.2	0.9880	0.8286	0.9421	0.9720	0.7393	0.9903	0.9428	0.7942
37.3	0.9867	0.8506	0.9595	0.9696	0.7390	0.9909	0.9548	0.7825
37.4	0.9889	0.8436	0.9517	0.9742	0.6328	0.9891	0.9387	0.6777
37.5	0.9877	0.8737	0.9552	0.9698	0.6155	0.9890	0.9475	0.7175
37.6	0.9865	0.8663	0.9467	0.9719	0.6223	0.9850	0.9410	0.6884
37.7	0.9873	0.8824	0.9540	0.9743	0.5625	0.9867	0.9237	0.5967
37.8	0.9868	0.9282	0.9762	0.9736	0.5745	0.9899	0.9361	0.5759
37.9	0.9864	0.9258	0.9708	0.9738	0.4735	0.9900	0.8926	0.4143
38.0	0.9878	0.9326	0.9658	0.9708	0.5216	0.9904	0.8872	0.4335
38.1	0.9896	0.9606	0.9702	0.9767	0.5667	0.9937	0.9298	0.4611
38.2	0.9896	0.9574	0.9606	0.9792	0.6113	0.9932	0.9074	0.2669
38.3	0.9932	0.9665	0.9599	0.9845	0.5758	0.9942	0.9297	0.4139
38.4	0.9925	0.9642	0.9555	0.9823	0.4686	0.9925	0.9333	0.3749
38.5	0.9914	0.9629	0.9606	0.9814	0.5100	0.9932	0.9213	0.3596
38.6	0.9910	0.9646	0.9695	0.9786	0.6159	0.9927	0.9179	0.4567
38.7	0.9929	0.9688	0.9686	0.9832	0.6598	0.9937	0.9230	0.4227
38.8	0.9923	0.9689	0.9727	0.9831	0.6095	0.9943	0.9319	0.4899
38.9	0.9920	0.9668	0.9669	0.9835	0.5510	0.9929	0.9286	0.5694
39.0	0.9921	0.9715	0.9763	0.9807	0.6559	0.9935	0.9168	0.5715
39.1	0.9895	0.9620	0.9707	0.9742	0.7234	0.9919	0.8746	0.5209
39.2	0.9924	0.9642	0.9761	0.9816	0.7684	0.9947	0.8751	0.5739
39.3	0.9928	0.9521	0.9735	0.9801	0.7151	0.9930	0.8507	0.5143
39.4	0.9892	0.9268	0.9740	0.9750	0.6967	0.9924	0.8287	0.3195
39.5	0.9890	0.9490	0.9766	0.9757	0.6812	0.9923	0.8257	0.3267
39.6	0.9914	0.9639	0.9840	0.9799	0.7663	0.9945	0.8377	0.4405
39.7	0.9894	0.9527	0.9823	0.9801	0.7328	0.9953	0.8497	0.4111
39.8	0.9883	0.9448	0.9796	0.9790	0.7775	0.9919	0.8253	0.4375
39.9	0.9901	0.9377	0.9746	0.9787	0.7747	0.9900	0.7558	0.3332
40.0	0.9867	0.9245	0.9715	0.9693	0.7347	0.9903	0.7147	0.2866
40.1	0.9867	0.9278	0.9700	0.9691	0.7325	0.9915	0.7775	0.3440
40.2	0.9893	0.9061	0.9759	0.9701	0.7684	0.9937	0.7938	0.3535
40.3	0.9838	0.8529	0.9706	0.9634	0.6742	0.9906	0.6742	0.2556
40.4	0.9848	0.8798	0.9707	0.9645	0.7141	0.9901	0.6307	0.2651
40.5	0.9859	0.8820	0.9745	0.9657	0.7923	0.9904	0.6333	0.2577
40.6	0.9882	0.8718	0.9716	0.9740	0.8270	0.9897	0.6809	0.3850
40.7	0.9871	0.8551	0.9731	0.9622	0.8294	0.9891	0.6960	0.3643
40.8	0.9773	0.8160	0.9594	0.9457	0.7673	0.9856	0.6157	0.2699
40.9	0.9789	0.8427	0.9573	0.9556	0.7780	0.9882	0.6275	0.3012
41.0	0.9769	0.8519	0.9590	0.9446	0.8055	0.9850	0.6215	0.3434
41.1	0.9847	0.8526	0.9593	0.9505	0.7889	0.9835	0.6554	0.4004
41.2	0.9792	0.8505	0.9450	0.9472	0.7305	0.9718	0.6175	0.3699
41.3	0.9799	0.8803	0.9625	0.9569	0.8135	0.9743	0.6399	0.4118
41.4	0.9779	0.8530	0.9608	0.9562	0.8511	0.9700	0.6168	0.4092
41.5	0.9744	0.8245	0.9585	0.9616	0.9003	0.9642	0.6458	0.4806
41.6	0.9674	0.6906	0.9497	0.9494	0.8665	0.9552	0.5954	0.4630
41.7	0.9645	0.6647	0.9496	0.9356	0.8417	0.9595	0.5360	0.4220
41.8	0.9694	0.8001	0.9475	0.9297	0.8265	0.9649	0.5700	0.4833
41.9	0.9727	0.8446	0.9530	0.9412	0.8419	0.9582	0.5871	0.5063
42.0	0.9698	0.8464	0.9533	0.9438	0.8333	0.9456	0.5582	0.4551
42.1	0.9695	0.8155	0.9502	0.9391	0.7854	0.9295	0.4908	0.3733
42.2	0.9673	0.7330	0.9460	0.9314	0.7621	0.9349	0.4477	0.3420
42.3	0.9702	0.6595	0.9485	0.9338	0.7656	0.9396	0.4422	0.3553

42.4	0.9754	0.8220	0.9448	0.9439	0.8734	0.9506	0.6432	0.6144
42.5	0.9753	0.8500	0.9345	0.9298	0.8529	0.9401	0.6545	0.6447
42.6	0.9683	0.8041	0.9057	0.9047	0.8074	0.9219	0.5148	0.5406
42.7	0.9749	0.6904	0.9071	0.9129	0.7680	0.9243	0.4569	0.4839
42.8	0.9591	0.5666	0.9076	0.8948	0.7482	0.9133	0.3676	0.4518
42.9	0.9610	0.6588	0.9056	0.8957	0.6983	0.9325	0.3461	0.4384
43.0	0.9755	0.6722	0.9264	0.9243	0.7047	0.9435	0.3490	0.4426
43.1	0.9782	0.6406	0.9306	0.9107	0.6891	0.9558	0.3184	0.4721
43.2	0.9811	0.6847	0.9342	0.9264	0.7043	0.9505	0.3628	0.5310
43.3	0.9711	0.6663	0.9230	0.9406	0.6662	0.8965	0.2282	0.4130
43.4	0.9534	0.6318	0.9173	0.9106	0.4585	0.8250	0.1408	0.2573
43.5	0.9650	0.7094	0.9346	0.9046	0.5697	0.9096	0.2027	0.4868
43.6	0.9707	0.7805	0.9473	0.9207	0.6649	0.9343	0.1325	0.5761
43.7	0.9733	0.7786	0.9288	0.9290	0.7166	0.9530	0.0591	0.4964
43.8	0.9771	0.7850	0.9152	0.9447	0.6819	0.9569	0.0969	0.5599
43.9	0.9802	0.8333	0.9256	0.9476	0.6432	0.9602	0.1505	0.6396
44.0	0.9643	0.8260	0.9104	0.9136	0.6442	0.9200	0.1261	0.5854
44.1	0.9579	0.7438	0.8971	0.9017	0.5410	0.9036	0.2589	0.3969
44.2	0.9538	0.8090	0.9034	0.8967	0.6177	0.9071	0.3011	0.5972
44.3	0.9415	0.8020	0.9158	0.8714	0.6709	0.9205	0.1959	0.6328
44.4	0.9543	0.8143	0.9438	0.8945	0.7170	0.9509	0.2637	0.6147
44.5	0.9377	0.7842	0.9166	0.8599	0.7603	0.9549	0.3752	0.5484
44.6	0.9310	0.7680	0.9326	0.8656	0.6721	0.9389	0.5446	0.5244
44.7	0.9536	0.8183	0.9605	0.9096	0.6741	0.8986	0.6693	0.5752
44.8	0.9437	0.7294	0.9481	0.8895	0.6505	0.7803	0.6184	0.5976
44.9	0.9553	0.7500	0.9504	0.9060	0.6993	0.9297	0.5560	0.6423
45.0	0.9371	0.7553	0.9540	0.8770	0.7492	0.9495	0.6654	0.6942
45.1	0.9327	0.7802	0.9367	0.8616	0.6608	0.9465	0.6544	0.6880
45.2	0.9416	0.8277	0.9449	0.8850	0.7477	0.9548	0.7158	0.7317
45.3	0.9491	0.8575	0.9340	0.9030	0.8344	0.9661	0.7804	0.7656
45.4	0.9292	0.8655	0.9241	0.8810	0.8002	0.9508	0.7364	0.7433
45.5	0.8856	0.8417	0.9464	0.8215	0.7378	0.9198	0.6055	0.6171
45.6	0.8865	0.8609	0.9450	0.8392	0.7758	0.9273	0.6882	0.7557
45.7	0.9060	0.8363	0.9340	0.8690	0.6905	0.9534	0.6661	0.7969
45.8	0.9095	0.8076	0.9338	0.8588	0.6939	0.9594	0.7000	0.7611
45.9	0.8999	0.8339	0.9474	0.8427	0.7997	0.9582	0.8087	0.7846
46.0	0.9315	0.8609	0.9581	0.8945	0.8247	0.9673	0.7900	0.8309
46.1	0.9215	0.8844	0.9550	0.8897	0.7773	0.9632	0.8029	0.7982
46.2	0.8957	0.8992	0.9528	0.8479	0.7680	0.9603	0.7890	0.8290
46.3	0.8272	0.9272	0.9525	0.7429	0.8359	0.9718	0.8375	0.8539
46.4	0.8554	0.9490	0.9702	0.7718	0.8469	0.9806	0.8938	0.8886
46.5	0.8754	0.9576	0.9679	0.8199	0.8317	0.9867	0.8777	0.8937
46.6	0.7908	0.9256	0.9542	0.7388	0.7743	0.9780	0.8703	0.8899
46.7	0.7192	0.9214	0.9346	0.6499	0.7338	0.9711	0.8171	0.8752
46.8	0.7160	0.9457	0.9435	0.6256	0.7804	0.9827	0.8353	0.9239
46.9	0.7168	0.9322	0.9608	0.6572	0.7501	0.9898	0.8756	0.9222
47.0	0.5919	0.9185	0.9664	0.5284	0.7260	0.9888	0.8905	0.8939
47.1	0.4269	0.9028	0.9623	0.3370	0.7580	0.9818	0.8569	0.9025
47.2	0.3779	0.8712	0.9602	0.2937	0.7008	0.9691	0.8529	0.8940
47.3	0.4077	0.8452	0.9648	0.3773	0.7294	0.9692	0.8853	0.8623
47.4	0.2908	0.8757	0.9662	0.2956	0.7910	0.9746	0.9171	0.8835
47.5	0.2426	0.7825	0.9580	0.2477	0.6725	0.9687	0.8946	0.8432
47.6	0.2319	0.6398	0.9359	0.2377	0.6470	0.9690	0.8455	0.8239
47.7	0.3305	0.6077	0.9284	0.3142	0.6604	0.9578	0.8644	0.8528
47.8	0.4244	0.3828	0.9235	0.4051	0.6573	0.9401	0.8663	0.7968
47.9	0.3640	0.0455	0.9155	0.3954	0.4949	0.9115	0.8141	0.6266
48.0	0.5310	0.2258	0.8990	0.5628	0.3926	0.8135	0.8046	0.4364
48.1	0.6867	0.5460	0.8518	0.7434	0.4568	0.8550	0.8013	0.6735
48.2	0.7957	0.5748	0.9113	0.8122	0.4526	0.9390	0.7486	0.7421
48.3	0.8452	0.6142	0.9551	0.8360	0.5358	0.9656	0.7866	0.7116
48.4	0.8335	0.4955	0.9351	0.8324	0.3607	0.9357	0.7608	0.6770
48.5	0.8491	0.5732	0.9368	0.8347	0.3534	0.9151	0.7524	0.5356
48.6	0.8328	0.7643	0.9372	0.8239	0.2619	0.9302	0.6167	0.5261
48.7	0.8140	0.8058	0.9515	0.8313	0.4107	0.9485	0.6159	0.5369
48.8	0.8250	0.8616	0.9319	0.8493	0.3115	0.8734	0.6633	0.1823
48.9	0.8646	0.8531	0.8766	0.8808	0.0968	0.8315	0.5698	0.2984
49.0	0.8961	0.8498	0.9259	0.8983	0.1395	0.9440	0.4605	0.6372
49.1	0.9030	0.8977	0.9345	0.9059	0.1323	0.9538	0.5567	0.6991
49.2	0.9104	0.8976	0.9236	0.9097	0.2010	0.9610	0.5361	0.6859
49.3	0.9393	0.9227	0.9463	0.9383	0.1553	0.9719	0.6039	0.5724
49.4	0.9493	0.9533	0.9625	0.9545	0.1792	0.9740	0.7156	0.5594
49.5	0.9207	0.9489	0.9185	0.9424	0.1517	0.9586	0.4587	0.4768
49.6	0.9330	0.9221	0.9136	0.9458	0.1649	0.9666	0.4227	0.6891
49.7	0.9607	0.9095	0.9392	0.9647	0.2068	0.9618	0.6511	0.6410
49.8	0.9700	0.9513	0.9712	0.9768	0.1445	0.9750	0.7902	0.4412
49.9	0.9558	0.9267	0.9529	0.9635	0.1459	0.9515	0.7845	0.0202
50.0	0.9674	0.9216	0.9563	0.9693	0.1121	0.9575	0.7359	0.2431
50.1	0.9695	0.9323	0.9552	0.9752	0.1227	0.9717	0.7433	0.2935
50.2	0.9771	0.9235	0.9629	0.9757	0.1425	0.9774	0.7075	0.3597
50.3	0.9787	0.9219	0.9674	0.9759	0.0433	0.9719	0.7150	0.4656
50.4	0.9699	0.8898	0.9691	0.9738	0.0134	0.9651	0.6469	0.3547
50.5	0.9694	0.9287	0.9675	0.9779	0.0317	0.9575	0.6637	0.1382
50.6	0.9767	0.9330	0.9743	0.9835	0.0669	0.9672	0.7045	0.1753
50.7	0.9829	0.9395	0.9780	0.9869	0.0341	0.9590	0.7150	0.1417
50.8	0.9799	0.9202	0.9771	0.9838	0.0806	0.9546	0.5866	0.1572
50.9	0.9749	0.8881	0.9627	0.9827	0.0414	0.9546	0.5459	0.2850

51.0	0.9792	0.9489	0.9782	0.9853	0.0861	0.9688	0.5703	0.3761
51.1	0.9820	0.9433	0.9802	0.9867	0.0478	0.9616	0.6998	0.3365
51.2	0.9868	0.9539	0.9789	0.9909	0.0189	0.9589	0.6708	0.2327
51.3	0.9845	0.9689	0.9744	0.9897	0.0130	0.9529	0.5933	0.1096
51.4	0.9839	0.9660	0.9807	0.9869	0.0020	0.9639	0.5885	0.2484
51.5	0.9861	0.9640	0.9858	0.9875	0.1117	0.9701	0.5617	0.3810
51.6	0.9882	0.9661	0.9880	0.9893	0.1458	0.9736	0.5063	0.5012
51.7	0.9881	0.9569	0.9865	0.9905	0.1263	0.9712	0.6052	0.5938
51.8	0.9870	0.9390	0.9828	0.9903	0.1701	0.9658	0.5190	0.6191
51.9	0.9851	0.9220	0.9732	0.9902	0.0772	0.9455	0.3444	0.3641
52.0	0.9890	0.9151	0.9867	0.9925	0.1573	0.9690	0.4997	0.1631
52.1	0.9854	0.8992	0.9816	0.9889	0.4256	0.9662	0.5648	0.3430
52.2	0.9855	0.8068	0.9839	0.9895	0.5191	0.9703	0.5281	0.5465
52.3	0.9847	0.5558	0.9685	0.9881	0.4277	0.9630	0.2978	0.5446
52.4	0.9846	0.6221	0.9660	0.9857	0.4852	0.9579	0.3536	0.4582
52.5	0.9860	0.5623	0.9619	0.9867	0.5893	0.9358	0.4077	0.6279
52.6	0.9881	0.1318	0.9505	0.9884	0.5407	0.9338	0.4740	0.7363
52.7	0.9926	0.5143	0.9696	0.9901	0.4628	0.9621	0.5473	0.8483
52.8	0.9910	0.7618	0.9703	0.9904	0.4262	0.9661	0.3885	0.8070
52.9	0.9902	0.8042	0.9512	0.9922	0.3369	0.9633	0.3418	0.7807
53.0	0.9905	0.8331	0.9497	0.9917	0.1868	0.9641	0.3693	0.7785
53.1	0.9891	0.7746	0.9611	0.9878	0.3878	0.9557	0.3996	0.7494
53.2	0.9912	0.8116	0.9683	0.9905	0.5240	0.9695	0.4602	0.8227
53.3	0.9918	0.7639	0.9492	0.9893	0.5511	0.9608	0.4523	0.7939
53.4	0.9913	0.6854	0.9512	0.9915	0.6511	0.9613	0.5225	0.7711
53.5	0.9885	0.0941	0.9052	0.9915	0.5732	0.9570	0.5683	0.7291
53.6	0.9896	0.3855	0.8757	0.9921	0.1409	0.9654	0.5068	0.7666
53.7	0.9903	0.7173	0.9091	0.9893	0.3447	0.9522	0.5122	0.7538
53.8	0.9927	0.9159	0.9251	0.9928	0.6553	0.9656	0.7356	0.7917
53.9	0.9926	0.8727	0.9238	0.9926	0.6776	0.9675	0.7811	0.7884
54.0	0.9905	0.7534	0.9002	0.9886	0.7340	0.9659	0.7258	0.7345
54.1	0.9885	0.7079	0.8616	0.9867	0.7194	0.9543	0.6833	0.6954
54.2	0.9886	0.7203	0.7577	0.9906	0.6184	0.9352	0.7326	0.5172
54.3	0.9891	0.8230	0.8019	0.9914	0.7066	0.9538	0.7493	0.5729
54.4	0.9905	0.8340	0.7801	0.9905	0.7551	0.9483	0.6755	0.7405
54.5	0.9882	0.7855	0.7132	0.9904	0.7371	0.9462	0.6288	0.6600
54.6	0.9911	0.7371	0.6901	0.9908	0.7568	0.9433	0.6560	0.6714
54.7	0.9866	0.6997	0.5170	0.9881	0.7118	0.9266	0.6107	0.6232
54.8	0.9854	0.7565	0.3489	0.9871	0.7269	0.9364	0.6572	0.4656
54.9	0.9885	0.8166	0.6263	0.9902	0.8058	0.9596	0.7123	0.6550
55.0	0.9874	0.7895	0.4853	0.9894	0.7873	0.9606	0.6669	0.6999
55.1	0.9871	0.7063	0.2192	0.9900	0.7884	0.9544	0.7482	0.6848
55.2	0.9847	0.6593	0.1700	0.9888	0.7722	0.9303	0.7394	0.6189
55.3	0.9854	0.6492	0.2290	0.9887	0.7021	0.9258	0.6270	0.6304
55.4	0.9832	0.5291	0.0473	0.9883	0.6528	0.9359	0.6178	0.6697
55.5	0.9812	0.4510	0.0121	0.9862	0.6944	0.9346	0.6894	0.6874
55.6	0.9811	0.5543	0.0285	0.9843	0.6443	0.9330	0.6127	0.6274
55.7	0.9837	0.5844	0.1070	0.9851	0.7120	0.9501	0.6473	0.6757
55.8	0.9755	0.5042	0.0861	0.9864	0.7336	0.9414	0.6635	0.7418
55.9	0.9785	0.5148	0.0645	0.9851	0.7354	0.9445	0.6384	0.7630
56.0	0.9757	0.5404	0.1822	0.9867	0.7353	0.9476	0.6050	0.7349
56.1	0.9659	0.5302	0.1944	0.9833	0.7577	0.9445	0.6295	0.7331
56.2	0.9639	0.5550	0.0947	0.9780	0.7462	0.9369	0.6474	0.7427
56.3	0.9728	0.5683	0.1669	0.9817	0.7638	0.9461	0.6467	0.8082
56.4	0.9662	0.4685	0.2450	0.9845	0.7688	0.9525	0.7011	0.8189
56.5	0.9484	0.3666	0.2170	0.9792	0.7075	0.9353	0.5962	0.7833
56.6	0.9364	0.3054	0.3222	0.9763	0.7066	0.9071	0.6167	0.7596
56.7	0.9504	0.5001	0.3977	0.9784	0.7698	0.9318	0.6148	0.8210
56.8	0.9506	0.5752	0.4445	0.9842	0.8124	0.9387	0.6457	0.8275
56.9	0.9416	0.5971	0.4269	0.9855	0.8317	0.9483	0.6693	0.8267
57.0	0.9410	0.5411	0.4806	0.9845	0.8578	0.9427	0.6685	0.8454
57.1	0.8971	0.3220	0.4077	0.9845	0.7812	0.9208	0.5734	0.7957
57.2	0.8722	0.3228	0.5538	0.9842	0.8299	0.9340	0.6672	0.7992
57.3	0.8675	0.3817	0.5935	0.9799	0.8629	0.9248	0.7008	0.8622
57.4	0.8353	0.4578	0.5644	0.9749	0.8414	0.9025	0.6865	0.8385
57.5	0.7961	0.4092	0.5444	0.9720	0.8583	0.9120	0.7004	0.8250
57.6	0.7523	0.5141	0.6333	0.9741	0.8592	0.9228	0.7363	0.8578
57.7	0.7305	0.5007	0.6179	0.9840	0.9072	0.9308	0.7370	0.8652
57.8	0.6770	0.4052	0.5931	0.9791	0.9072	0.9456	0.7094	0.8650
57.9	0.6148	0.4198	0.6255	0.9699	0.8976	0.9300	0.6733	0.8381
58.0	0.7156	0.6131	0.7112	0.9782	0.9085	0.9505	0.6931	0.8640
58.1	0.7467	0.5577	0.7072	0.9735	0.8618	0.9550	0.7253	0.8562
58.2	0.8648	0.5325	0.7633	0.9735	0.7845	0.9488	0.7681	0.8404
58.3	0.9037	0.2466	0.7595	0.9748	0.8006	0.9599	0.7826	0.8632
58.4	0.9093	0.0072	0.6719	0.9664	0.8526	0.9565	0.8027	0.8920
58.5	0.8974	0.0294	0.6637	0.9628	0.8333	0.9508	0.7039	0.8698
58.6	0.9354	0.1165	0.7527	0.9647	0.8761	0.9570	0.7639	0.8934
58.7	0.9423	0.2277	0.8061	0.9661	0.8901	0.9630	0.7889	0.8737
58.8	0.9392	0.1498	0.7620	0.9668	0.8581	0.9514	0.7401	0.8395
58.9	0.9544	0.2019	0.7627	0.9705	0.8233	0.9519	0.7858	0.8782
59.0	0.9750	0.2320	0.7908	0.9704	0.7766	0.9427	0.7892	0.8865
59.1	0.9793	0.3803	0.8472	0.9807	0.8244	0.9572	0.7805	0.8946
59.2	0.9780	0.4788	0.8729	0.9799	0.7950	0.9592	0.7642	0.8348
59.3	0.9795	0.5723	0.8773	0.9752	0.7926	0.9460	0.7566	0.7866
59.4	0.9824	0.6208	0.9140	0.9787	0.7278	0.9603	0.7706	0.8154
59.5	0.9860	0.6873	0.8915	0.9739	0.5569	0.9358	0.7898	0.7891

59.6	0.9862	0.7688	0.8935	0.9784	0.5572	0.9150	0.7899	0.7881
59.7	0.9875	0.7960	0.9067	0.9732	0.4075	0.9137	0.7508	0.7407
59.8	0.9887	0.8574	0.9322	0.9769	0.4267	0.9213	0.7746	0.7187
59.9	0.9889	0.8765	0.9346	0.9798	0.5999	0.9145	0.7982	0.7146
60.0	0.9850	0.8548	0.8833	0.9775	0.7058	0.8962	0.7064	0.6983
60.1	0.9860	0.8287	0.9161	0.9813	0.7537	0.8943	0.7525	0.6857
60.2	0.9875	0.8483	0.9460	0.9826	0.7732	0.9136	0.8081	0.7568
60.3	0.9844	0.8252	0.9372	0.9778	0.8271	0.9170	0.7880	0.7621
60.4	0.9821	0.8022	0.9264	0.9837	0.8451	0.9222	0.7689	0.7771
60.5	0.9813	0.8120	0.9508	0.9875	0.8829	0.9366	0.8008	0.8004
60.6	0.9820	0.7964	0.9454	0.9813	0.8664	0.9222	0.7533	0.7259
60.7	0.9683	0.6965	0.9282	0.9763	0.8347	0.9292	0.7249	0.6915
60.8	0.9853	0.7493	0.9566	0.9828	0.8721	0.9511	0.8185	0.7993
60.9	0.9828	0.6827	0.9628	0.9808	0.8257	0.9404	0.7781	0.7744
61.0	0.9849	0.6854	0.9720	0.9846	0.8193	0.9512	0.7900	0.7759
61.1	0.9853	0.5986	0.9679	0.9870	0.8773	0.9668	0.7984	0.7298
61.2	0.9851	0.5210	0.9731	0.9812	0.8482	0.9679	0.7433	0.7113
61.3	0.9814	0.4974	0.9671	0.9785	0.8423	0.9622	0.6362	0.6552
61.4	0.9764	0.4769	0.9541	0.9780	0.8562	0.9589	0.5730	0.6317
61.5	0.9793	0.4380	0.9600	0.9847	0.8903	0.9681	0.7447	0.7521
61.6	0.9863	0.3488	0.9782	0.9881	0.8637	0.9741	0.7487	0.8457
61.7	0.9881	0.3605	0.9752	0.9873	0.8174	0.9711	0.6794	0.7806
61.8	0.9871	0.3726	0.9702	0.9860	0.8476	0.9698	0.6043	0.7290
61.9	0.9890	0.3045	0.9700	0.9841	0.8766	0.9673	0.6535	0.6953
62.0	0.9882	0.3148	0.9721	0.9882	0.8550	0.9727	0.5959	0.6867
62.1	0.9873	0.3489	0.9737	0.9867	0.8674	0.9735	0.5891	0.6893
62.2	0.9891	0.3159	0.9707	0.9891	0.8794	0.9773	0.5679	0.6407
62.3	0.9889	0.3260	0.9680	0.9861	0.8566	0.9739	0.6035	0.6397
62.4	0.9899	0.3689	0.9750	0.9832	0.8066	0.9727	0.5538	0.6485
62.5	0.9866	0.4531	0.9740	0.9823	0.7858	0.9706	0.5820	0.6990
62.6	0.9888	0.4856	0.9727	0.9855	0.7290	0.9709	0.4501	0.6000
62.7	0.9898	0.4225	0.9747	0.9832	0.7492	0.9795	0.3602	0.5814
62.8	0.9878	0.5366	0.9721	0.9810	0.7476	0.9727	0.4575	0.6034
62.9	0.9810	0.5545	0.9584	0.9793	0.6132	0.9672	0.4415	0.5627
63.0	0.9863	0.6105	0.9708	0.9849	0.5979	0.9789	0.3169	0.6208
63.1	0.9914	0.7487	0.9822	0.9895	0.7356	0.9802	0.4026	0.7429
63.2	0.9891	0.7646	0.9847	0.9881	0.6965	0.9772	0.5049	0.7332
63.3	0.9874	0.7607	0.9781	0.9818	0.6144	0.9686	0.5078	0.6683
63.4	0.9898	0.7860	0.9772	0.9802	0.6811	0.9691	0.4834	0.6293
63.5	0.9890	0.7862	0.9744	0.9719	0.6475	0.9677	0.5679	0.6138
63.6	0.9895	0.8079	0.9788	0.9762	0.5743	0.9689	0.6624	0.6921
63.7	0.9900	0.8289	0.9803	0.9813	0.6956	0.9748	0.6675	0.7752
63.8	0.9893	0.8241	0.9844	0.9787	0.7239	0.9754	0.5749	0.7847
63.9	0.9910	0.8414	0.9835	0.9723	0.7051	0.9751	0.6229	0.7142
64.0	0.9925	0.8830	0.9828	0.9790	0.7136	0.9710	0.6293	0.7928
64.1	0.9903	0.8651	0.9803	0.9732	0.6590	0.9565	0.6376	0.7601
64.2	0.9920	0.8745	0.9820	0.9689	0.5504	0.9579	0.6526	0.7748
64.3	0.9907	0.8570	0.9835	0.9603	0.5369	0.9694	0.5536	0.7739
64.4	0.9890	0.8430	0.9822	0.9525	0.4402	0.9593	0.5392	0.7407
64.5	0.9908	0.8759	0.9848	0.9654	0.4044	0.9732	0.6117	0.8009
64.6	0.9911	0.9041	0.9861	0.9714	0.5154	0.9729	0.6104	0.8591
64.7	0.9910	0.9217	0.9842	0.9734	0.5420	0.9633	0.6168	0.8349
64.8	0.9913	0.8995	0.9841	0.9660	0.5055	0.9712	0.6112	0.8220
64.9	0.9938	0.9246	0.9887	0.9724	0.4651	0.9771	0.6644	0.8785
65.0	0.9921	0.9212	0.9843	0.9597	0.4563	0.9726	0.6293	0.8499
65.1	0.9908	0.9072	0.9827	0.9458	0.3253	0.9622	0.6422	0.8187
65.2	0.9897	0.9178	0.9864	0.9516	0.2762	0.9652	0.6960	0.8689
65.3	0.9879	0.9214	0.9801	0.9293	0.2511	0.9517	0.6596	0.8652
65.4	0.9854	0.9204	0.9797	0.9342	0.2855	0.9564	0.7390	0.8663
65.5	0.9864	0.9215	0.9747	0.9412	0.2927	0.9401	0.6184	0.8621
65.6	0.9849	0.8953	0.9728	0.9548	0.3101	0.9457	0.5852	0.8723
65.7	0.9759	0.8590	0.9697	0.9441	0.1068	0.9350	0.5283	0.8671
65.8	0.9809	0.8848	0.9766	0.9501	0.2157	0.9467	0.5626	0.8787
65.9	0.9889	0.9341	0.9812	0.9659	0.2223	0.9522	0.6866	0.9042
66.0	0.9856	0.9205	0.9782	0.9468	0.1528	0.9403	0.6640	0.8978
66.1	0.9851	0.9088	0.9771	0.9482	0.0663	0.9264	0.6878	0.8973
66.2	0.9890	0.9299	0.9818	0.9596	0.0845	0.9448	0.7741	0.9099
66.3	0.9893	0.9293	0.9804	0.9462	0.1359	0.9464	0.7803	0.9089
66.4	0.9879	0.9099	0.9807	0.9525	0.0952	0.9396	0.7301	0.8984
66.5	0.9887	0.9274	0.9772	0.9604	0.0410	0.9481	0.7173	0.8974
66.6	0.9843	0.9229	0.9775	0.9640	0.0330	0.9541	0.7334	0.9103
66.7	0.9757	0.8813	0.9726	0.9537	0.0705	0.9479	0.7251	0.8905
66.8	0.9814	0.8710	0.9719	0.9699	0.1771	0.9584	0.6601	0.8910
66.9	0.9855	0.8822	0.9771	0.9751	0.2067	0.9694	0.6631	0.9197
67.0	0.9853	0.9125	0.9747	0.9687	0.2099	0.9640	0.7536	0.9269
67.1	0.9844	0.8754	0.9681	0.9676	0.1860	0.9550	0.6944	0.9035
67.2	0.9826	0.8385	0.9620	0.9660	0.2124	0.9582	0.5813	0.8979
67.3	0.9868	0.8962	0.9726	0.9700	0.1741	0.9757	0.7084	0.9459
67.4	0.9889	0.8983	0.9678	0.9701	0.1193	0.9736	0.7446	0.9252
67.5	0.9902	0.8831	0.9660	0.9780	0.0789	0.9694	0.6643	0.9108
67.6	0.9874	0.8855	0.9665	0.9711	0.0295	0.9708	0.6143	0.8962
67.7	0.9861	0.8523	0.9376	0.9649	0.0683	0.9721	0.5449	0.8637
67.8	0.9858	0.8661	0.9275	0.9640	0.1072	0.9685	0.5767	0.8705
67.9	0.9872	0.8739	0.9271	0.9701	0.2246	0.9741	0.5937	0.8848
68.0	0.9861	0.8435	0.9243	0.9581	0.2550	0.9742	0.5368	0.8736
68.1	0.9872	0.8168	0.9077	0.9485	0.3217	0.9739	0.4755	0.8449

68.2	0.9891	0.8566	0.9098	0.9544	0.4210	0.9788	0.4875	0.8662
68.3	0.9906	0.8668	0.9228	0.9672	0.5189	0.9863	0.4877	0.8753
68.4	0.9891	0.8667	0.8716	0.9721	0.4756	0.9846	0.6028	0.8707
68.5	0.9865	0.8275	0.7804	0.9674	0.5052	0.9794	0.5883	0.8212
68.6	0.9884	0.8314	0.8084	0.9615	0.5418	0.9795	0.5123	0.8043
68.7	0.9854	0.8249	0.8280	0.9591	0.6161	0.9779	0.4437	0.8177
68.8	0.9825	0.7993	0.8084	0.9531	0.6238	0.9800	0.4424	0.7931
68.9	0.9845	0.8135	0.7767	0.9610	0.6726	0.9812	0.4345	0.7891
69.0	0.9890	0.8455	0.7858	0.9670	0.7654	0.9798	0.4883	0.8053
69.1	0.9880	0.8012	0.7464	0.9541	0.7159	0.9791	0.5543	0.7591
69.2	0.9850	0.7520	0.6965	0.9533	0.7219	0.9816	0.5724	0.7758
69.3	0.9856	0.7823	0.7628	0.9573	0.7035	0.9805	0.5224	0.8091
69.4	0.9860	0.7982	0.7373	0.9594	0.7335	0.9822	0.5289	0.8110
69.5	0.9859	0.7736	0.6854	0.9600	0.7537	0.9817	0.5644	0.7823
69.6	0.9877	0.7566	0.7179	0.9595	0.8049	0.9831	0.5669	0.8001
69.7	0.9867	0.7821	0.6276	0.9489	0.7740	0.9816	0.5762	0.8434
69.8	0.9831	0.7047	0.5587	0.9441	0.7678	0.9760	0.4702	0.8176
69.9	0.9727	0.5445	0.5053	0.9129	0.7974	0.9589	0.4303	0.7824
70.0	0.9766	0.5600	0.6312	0.9406	0.8765	0.9711	0.5793	0.8151
70.1	0.9784	0.4664	0.6819	0.9564	0.8941	0.9789	0.5152	0.8260
70.2	0.9803	0.2285	0.6739	0.9597	0.9007	0.9792	0.5159	0.8185
70.3	0.9809	0.1108	0.7405	0.9640	0.8931	0.9780	0.4761	0.8110
70.4	0.9787	0.0286	0.7991	0.9614	0.9365	0.9787	0.4126	0.8507
70.5	0.9795	0.0307	0.8143	0.9594	0.9337	0.9749	0.4588	0.8279
70.6	0.9823	0.1260	0.8630	0.9670	0.9337	0.9818	0.4832	0.8233
70.7	0.9800	0.3712	0.8887	0.9655	0.9275	0.9822	0.4671	0.8604
70.8	0.9814	0.5448	0.8964	0.9667	0.9361	0.9819	0.4025	0.8737
70.9	0.9743	0.4481	0.8734	0.9569	0.9340	0.9736	0.3331	0.8323
71.0	0.9761	0.5772	0.9013	0.9603	0.9450	0.9760	0.4087	0.8796
71.1	0.9732	0.5797	0.9075	0.9546	0.9517	0.9766	0.4787	0.9073
71.2	0.9663	0.4739	0.8932	0.9464	0.9422	0.9697	0.3362	0.8610
71.3	0.9714	0.6167	0.9063	0.9553	0.9428	0.9710	0.3365	0.8551
71.4	0.9725	0.7284	0.8918	0.9472	0.9495	0.9632	0.4570	0.8803
71.5	0.9793	0.7676	0.9039	0.9600	0.9539	0.9661	0.3296	0.8883
71.6	0.9783	0.7429	0.9222	0.9642	0.9484	0.9725	0.1827	0.8701
71.7	0.9750	0.7766	0.9223	0.9555	0.9581	0.9646	0.2755	0.8973
71.8	0.9727	0.7818	0.9172	0.9528	0.9461	0.9590	0.2557	0.8985
71.9	0.9779	0.7838	0.9416	0.9617	0.9505	0.9679	0.1566	0.9222
72.0	0.9764	0.8105	0.9370	0.9545	0.9535	0.9630	0.2470	0.9320
72.1	0.9816	0.8568	0.9470	0.9653	0.9485	0.9688	0.2409	0.9193
72.2	0.9822	0.8824	0.9499	0.9663	0.9680	0.9660	0.1469	0.9258
72.3	0.9836	0.9073	0.9601	0.9682	0.9748	0.9696	0.2214	0.9489
72.4	0.9794	0.8926	0.9515	0.9614	0.9719	0.9632	0.2852	0.9501
72.5	0.9694	0.8886	0.9367	0.9437	0.9535	0.9385	0.1735	0.9275
72.6	0.9797	0.9282	0.9451	0.9640	0.9548	0.9532	0.2142	0.9384
72.7	0.9768	0.9251	0.9290	0.9569	0.9448	0.9432	0.2316	0.9329
72.8	0.9811	0.9328	0.9502	0.9658	0.9603	0.9504	0.2075	0.9424
72.9	0.9816	0.9196	0.9474	0.9598	0.9583	0.9465	0.2333	0.9343
73.0	0.9761	0.9075	0.9335	0.9466	0.9461	0.9306	0.2067	0.9083
73.1	0.9785	0.9229	0.9389	0.9597	0.9397	0.9408	0.1644	0.9067
73.2	0.9823	0.9434	0.9506	0.9663	0.9560	0.9419	0.2482	0.9333
73.3	0.9885	0.9557	0.9697	0.9771	0.9600	0.9613	0.2380	0.9429
73.4	0.9888	0.9653	0.9650	0.9760	0.9709	0.9608	0.1708	0.9638
73.5	0.9846	0.9554	0.9572	0.9668	0.9628	0.9480	0.1963	0.9516
73.6	0.9840	0.9540	0.9618	0.9694	0.9558	0.9426	0.1312	0.9264
73.7	0.9874	0.9547	0.9640	0.9749	0.9574	0.9489	0.0882	0.9416
73.8	0.9880	0.9636	0.9630	0.9752	0.9539	0.9464	0.0766	0.9183
73.9	0.9904	0.9743	0.9592	0.9805	0.9702	0.9555	0.1136	0.9261
74.0	0.9878	0.9551	0.9507	0.9717	0.9689	0.9439	0.1114	0.9300
74.1	0.9866	0.9480	0.9460	0.9679	0.9597	0.9316	0.0973	0.9198
74.2	0.9875	0.9682	0.9401	0.9640	0.9587	0.9189	0.1582	0.9347
74.3	0.9861	0.9656	0.9488	0.9625	0.9669	0.9221	0.1957	0.9376
74.4	0.9878	0.9567	0.9450	0.9667	0.9495	0.9239	0.1153	0.9330
74.5	0.9910	0.9636	0.9523	0.9746	0.9521	0.9366	0.2346	0.9496
74.6	0.9924	0.9749	0.9554	0.9802	0.9659	0.9511	0.3894	0.9638
74.7	0.9934	0.9794	0.9585	0.9828	0.9762	0.9553	0.5033	0.9732
74.8	0.9929	0.9759	0.9507	0.9772	0.9733	0.9490	0.4456	0.9529
74.9	0.9898	0.9603	0.9103	0.9669	0.9585	0.9221	0.3619	0.9105
75.0	0.9914	0.9634	0.9370	0.9744	0.9594	0.9399	0.3046	0.9381
75.1	0.9901	0.9707	0.9311	0.9676	0.9505	0.9295	0.3439	0.9539
75.2	0.9876	0.9647	0.8909	0.9559	0.9363	0.9121	0.3816	0.9316
75.3	0.9872	0.9624	0.8801	0.9664	0.9474	0.9242	0.3735	0.9255
75.4	0.9909	0.9693	0.9197	0.9740	0.9606	0.9452	0.3809	0.9505
75.5	0.9898	0.9669	0.8916	0.9692	0.9448	0.9472	0.3543	0.9425
75.6	0.9901	0.9706	0.8679	0.9707	0.9616	0.9468	0.5204	0.9569
75.7	0.9912	0.9761	0.8661	0.9747	0.9618	0.9562	0.6109	0.9587
75.8	0.9927	0.9771	0.8641	0.9740	0.9661	0.9593	0.4993	0.9625
75.9	0.9917	0.9624	0.8193	0.9635	0.9526	0.9444	0.4882	0.9521
76.0	0.9893	0.9627	0.8214	0.9716	0.9487	0.9544	0.4181	0.9352
76.1	0.9867	0.9643	0.7907	0.9664	0.9300	0.9548	0.3668	0.9125
76.2	0.9863	0.9618	0.7407	0.9545	0.9335	0.9429	0.4301	0.9183
76.3	0.9876	0.9704	0.7382	0.9615	0.9474	0.9522	0.5504	0.9049
76.4	0.9874	0.9698	0.6603	0.9557	0.9506	0.9595	0.4849	0.9107
76.5	0.9902	0.9825	0.7231	0.9692	0.9652	0.9700	0.7040	0.9489
76.6	0.9917	0.9841	0.7683	0.9723	0.9626	0.9775	0.7087	0.9609
76.7	0.9926	0.9795	0.6920	0.9678	0.9531	0.9774	0.6617	0.9353

76.8	0.9899	0.9781	0.7054	0.9635	0.9661	0.9745	0.6209	0.9087
76.9	0.9859	0.9714	0.6609	0.9324	0.9375	0.9612	0.4534	0.9050
77.0	0.9892	0.9817	0.6935	0.9537	0.9375	0.9774	0.5652	0.9265
77.1	0.9894	0.9851	0.7212	0.9470	0.9436	0.9789	0.6913	0.9291
77.2	0.9895	0.9837	0.7645	0.9341	0.9560	0.9786	0.7150	0.9360
77.3	0.9853	0.9751	0.6636	0.9206	0.9457	0.9761	0.6922	0.9186
77.4	0.9871	0.9767	0.7381	0.9213	0.9433	0.9780	0.7499	0.9311
77.5	0.9880	0.9826	0.8392	0.9167	0.9511	0.9813	0.8105	0.9482
77.6	0.9878	0.9854	0.8653	0.9153	0.9588	0.9799	0.8553	0.9578
77.7	0.9877	0.9877	0.8594	0.9104	0.9486	0.9837	0.8446	0.9528
77.8	0.9838	0.9876	0.8386	0.9088	0.9452	0.9776	0.8511	0.9560
77.9	0.9808	0.9856	0.8825	0.9070	0.9526	0.9795	0.8459	0.9560
78.0	0.9834	0.9905	0.9004	0.9101	0.9591	0.9871	0.8735	0.9504
78.1	0.9829	0.9886	0.8880	0.8888	0.9523	0.9825	0.8577	0.9524
78.2	0.9809	0.9850	0.8386	0.8804	0.9488	0.9815	0.8166	0.9386
78.3	0.9818	0.9863	0.8461	0.8545	0.9492	0.9838	0.8469	0.9337
78.4	0.9848	0.9899	0.8898	0.7787	0.9643	0.9821	0.8716	0.9446
78.5	0.9816	0.9854	0.8434	0.6944	0.9442	0.9783	0.8506	0.9239
78.6	0.9824	0.9852	0.8476	0.6341	0.9266	0.9793	0.8434	0.9252
78.7	0.9839	0.9842	0.8504	0.5625	0.9339	0.9797	0.8594	0.9405
78.8	0.9839	0.9861	0.8415	0.6131	0.9272	0.9833	0.8548	0.9030
78.9	0.9817	0.9886	0.8349	0.6716	0.9493	0.9858	0.8672	0.9159
79.0	0.9797	0.9869	0.8541	0.7086	0.9500	0.9835	0.8310	0.9050
79.1	0.9738	0.9818	0.8487	0.6996	0.9255	0.9752	0.7814	0.8950
79.2	0.9796	0.9835	0.8525	0.6863	0.9035	0.9762	0.8291	0.8822
79.3	0.9832	0.9837	0.8481	0.6716	0.9130	0.9824	0.8369	0.8891
79.4	0.9802	0.9858	0.8306	0.5660	0.9080	0.9859	0.8438	0.8665
79.5	0.9797	0.9858	0.7990	0.5296	0.9002	0.9847	0.8076	0.8781
79.6	0.9779	0.9814	0.7562	0.5881	0.8829	0.9768	0.7851	0.8354
79.7	0.9823	0.9855	0.7980	0.6185	0.9042	0.9780	0.8321	0.8379
79.8	0.9851	0.9863	0.8294	0.5352	0.9199	0.9828	0.8332	0.8321
79.9	0.9813	0.9774	0.7464	0.4992	0.9192	0.9778	0.8300	0.7875
80.0	0.9857	0.9839	0.7491	0.5623	0.9015	0.9804	0.7831	0.7816

2.2.84 Run 7 – VT270-200 – Accels 41–47

Vertical shaking at 270° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.5226	0.5138	0.5597	0.4304	0.2400	0.1177	0.2149
0.1	0.0583	0.0685	0.0663	0.1113	0.0305	0.0505	0.0532
0.2	0.0130	0.0112	0.0212	0.0452	0.0016	0.0005	0.0217
0.3	0.0100	0.0202	0.0017	0.0003	0.0033	0.0247	0.0110
0.4	0.0079	0.0141	0.0038	0.0055	0.0256	0.0021	0.0073
0.5	0.0012	0.0087	0.0370	0.0520	0.0468	0.0165	0.0266
0.6	0.0258	0.0272	0.0075	0.0155	0.0636	0.0055	0.0012
0.7	0.0239	0.0412	0.0504	0.0215	0.0625	0.0120	0.0046
0.8	0.0504	0.0083	0.0583	0.0076	0.0467	0.0164	0.0171
0.9	0.0370	0.0051	0.0538	0.0283	0.0074	0.0262	0.0026
1.0	0.0029	0.0505	0.2584	0.0595	0.0267	0.1247	0.0094
1.1	0.0157	0.0296	0.2372	0.0961	0.0330	0.0907	0.0112
1.2	0.1071	0.0088	0.2997	0.1419	0.0017	0.0829	0.0409
1.3	0.1802	0.0139	0.4798	0.2696	0.0288	0.2075	0.0681
1.4	0.2585	0.0188	0.4933	0.3166	0.0856	0.1931	0.1192
1.5	0.3093	0.0061	0.6286	0.5196	0.0900	0.2299	0.3343
1.6	0.3325	0.0481	0.7905	0.5267	0.0998	0.4489	0.4247
1.7	0.4129	0.1349	0.8210	0.5534	0.2409	0.5176	0.3822
1.8	0.5949	0.4670	0.7868	0.6025	0.4515	0.4450	0.4204
1.9	0.7570	0.6568	0.8342	0.7636	0.6317	0.5438	0.6335
2.0	0.8456	0.7920	0.9161	0.8567	0.7836	0.6989	0.7847
2.1	0.8817	0.5560	0.9438	0.8660	0.5358	0.8150	0.4924
2.2	0.8405	0.4542	0.9433	0.8651	0.4603	0.8909	0.3266
2.3	0.4812	0.2327	0.8607	0.4909	0.3037	0.8096	0.0322
2.4	0.3334	0.1125	0.6528	0.3342	0.1375	0.6166	0.1137
2.5	0.3238	0.3912	0.4531	0.3237	0.4153	0.4254	0.1700
2.6	0.7939	0.8401	0.8740	0.7784	0.7013	0.8092	0.5542
2.7	0.9107	0.7144	0.9397	0.9115	0.4166	0.8379	0.3212
2.8	0.8985	0.6524	0.9426	0.8782	0.3397	0.8448	0.1995
2.9	0.8973	0.6773	0.9595	0.9133	0.3961	0.8836	0.1117
3.0	0.8472	0.5343	0.9469	0.8585	0.3379	0.8898	0.1936
3.1	0.7905	0.5092	0.9505	0.7910	0.3096	0.8732	0.2434
3.2	0.7901	0.5517	0.9620	0.7911	0.2891	0.9062	0.0841
3.3	0.7612	0.3712	0.9639	0.8088	0.2574	0.8976	0.2094
3.4	0.7216	0.0798	0.9630	0.7486	0.0907	0.9247	0.4052
3.5	0.6169	0.0825	0.9399	0.5919	0.0334	0.9125	0.3607
3.6	0.2638	0.1311	0.8887	0.3427	0.0853	0.7846	0.1352
3.7	0.4893	0.4062	0.9531	0.4873	0.3310	0.8965	0.1502
3.8	0.8753	0.7813	0.9951	0.8572	0.7116	0.9844	0.4021
3.9	0.9626	0.9001	0.9979	0.9658	0.8793	0.9958	0.7521
4.0	0.9734	0.9349	0.9978	0.9739	0.9220	0.9976	0.9037
4.1	0.9638	0.9167	0.9975	0.9656	0.8915	0.9967	0.9334
4.2	0.9401	0.8369	0.9975	0.9487	0.8126	0.9957	0.9124
4.3	0.9073	0.7575	0.9966	0.9394	0.7902	0.9953	0.8834
4.4	0.8392	0.7343	0.9959	0.8679	0.6799	0.9952	0.8491
4.5	0.7888	0.7837	0.9962	0.8290	0.6773	0.9940	0.8364
4.6	0.6125	0.7345	0.9943	0.6959	0.6301	0.9918	0.7828
4.7	0.2883	0.6229	0.9914	0.3893	0.5948	0.9882	0.5613
4.8	0.7231	0.8709	0.9930	0.7764	0.8495	0.9947	0.5371
4.9	0.7150	0.8701	0.9882	0.7129	0.8473	0.9885	0.4331
5.0	0.3729	0.6409	0.9918	0.4231	0.6342	0.9910	0.5190
5.1	0.6299	0.7196	0.9961	0.6306	0.7561	0.9966	0.8763
5.2	0.7413	0.7461	0.9956	0.7016	0.7267	0.9964	0.8657
5.3	0.5947	0.6144	0.9911	0.5881	0.3098	0.9844	0.7121
5.4	0.1624	0.1348	0.9810	0.2486	0.0353	0.9730	0.6858
5.5	0.3275	0.0124	0.9921	0.3010	0.3036	0.9909	0.7994
5.6	0.6572	0.5227	0.9963	0.6749	0.6634	0.9966	0.8775
5.7	0.8335	0.8428	0.9966	0.8541	0.8525	0.9967	0.8994
5.8	0.9071	0.9523	0.9975	0.9187	0.9468	0.9978	0.9298
5.9	0.9590	0.9692	0.9980	0.9654	0.9688	0.9981	0.8930
6.0	0.9691	0.9571	0.9964	0.9732	0.9543	0.9967	0.7935
6.1	0.9433	0.9649	0.9923	0.9588	0.9529	0.9931	0.8994
6.2	0.9582	0.9761	0.9945	0.9664	0.9592	0.9946	0.9669
6.3	0.9555	0.9731	0.9927	0.9648	0.9695	0.9927	0.9843
6.4	0.9469	0.9782	0.9912	0.9639	0.9619	0.9915	0.9897
6.5	0.9538	0.9732	0.9926	0.9741	0.9580	0.9928	0.9896
6.6	0.9270	0.9594	0.9897	0.9579	0.9389	0.9897	0.9811
6.7	0.9291	0.9646	0.9829	0.9503	0.9501	0.9833	0.9839
6.8	0.9466	0.9714	0.9799	0.9632	0.9573	0.9807	0.9886
6.9	0.9401	0.9759	0.9680	0.9577	0.9648	0.9691	0.9853
7.0	0.8870	0.9465	0.9197	0.9144	0.9112	0.9205	0.9692
7.1	0.8959	0.7922	0.9194	0.9084	0.6791	0.9202	0.9259
7.2	0.8873	0.7664	0.9276	0.8933	0.7991	0.9276	0.8573
7.3	0.9522	0.8630	0.9685	0.9548	0.8791	0.9678	0.7204
7.4	0.9312	0.8837	0.9394	0.9329	0.9027	0.9385	0.0087
7.5	0.9340	0.9113	0.9558	0.9433	0.9558	0.9545	0.7956
7.6	0.9489	0.9718	0.9693	0.9494	0.9838	0.9678	0.9715
7.7	0.9467	0.9922	0.9940	0.9476	0.9936	0.9934	0.9834
7.8	0.9371	0.9911	0.9975	0.9438	0.9935	0.9972	0.9867
7.9	0.9400	0.9828	0.9969	0.9577	0.9873	0.9967	0.9913

8.0	0.9475	0.9757	0.9949	0.9634	0.9815	0.9944	0.9914
8.1	0.9371	0.9898	0.9979	0.9508	0.9908	0.9976	0.9892
8.2	0.9483	0.9961	0.9979	0.9639	0.9966	0.9976	0.9928
8.3	0.9476	0.9960	0.9983	0.9669	0.9957	0.9980	0.9938
8.4	0.9196	0.9941	0.9986	0.9473	0.9933	0.9983	0.9911
8.5	0.9139	0.9932	0.9989	0.9491	0.9933	0.9985	0.9913
8.6	0.9451	0.9946	0.9994	0.9700	0.9943	0.9992	0.9937
8.7	0.9479	0.9949	0.9991	0.9694	0.9944	0.9990	0.9930
8.8	0.9412	0.9950	0.9978	0.9664	0.9942	0.9977	0.9913
8.9	0.9527	0.9947	0.9970	0.9747	0.9954	0.9968	0.9915
9.0	0.9271	0.9953	0.9938	0.9634	0.9963	0.9933	0.9929
9.1	0.9113	0.9938	0.9905	0.9567	0.9931	0.9897	0.9932
9.2	0.9045	0.9921	0.9767	0.9370	0.9933	0.9747	0.9912
9.3	0.8709	0.9910	0.9533	0.9065	0.9927	0.9477	0.9823
9.4	0.8976	0.9931	0.9433	0.9199	0.9954	0.9364	0.9857
9.5	0.9369	0.9970	0.9556	0.9474	0.9972	0.9507	0.9918
9.6	0.9247	0.9967	0.9329	0.9421	0.9963	0.9249	0.9926
9.7	0.9232	0.9964	0.9279	0.9394	0.9957	0.9083	0.9947
9.8	0.9521	0.9971	0.9436	0.9522	0.9962	0.9092	0.9964
9.9	0.9470	0.9964	0.9737	0.9589	0.9958	0.9334	0.9959
10.0	0.9165	0.9942	0.9803	0.9283	0.9915	0.9331	0.9947
10.1	0.9374	0.9964	0.9877	0.9433	0.9957	0.9562	0.9950
10.2	0.9426	0.9967	0.9928	0.9609	0.9964	0.9689	0.9962
10.3	0.9596	0.9974	0.9960	0.9554	0.9964	0.9819	0.9966
10.4	0.9632	0.9976	0.9964	0.9524	0.9967	0.9890	0.9970
10.5	0.9620	0.9979	0.9979	0.9639	0.9972	0.9955	0.9966
10.6	0.9647	0.9974	0.9986	0.9606	0.9970	0.9967	0.9971
10.7	0.9609	0.9969	0.9986	0.9423	0.9960	0.9970	0.9971
10.8	0.9621	0.9975	0.9989	0.9459	0.9972	0.9965	0.9964
10.9	0.9682	0.9975	0.9990	0.9389	0.9974	0.9959	0.9969
11.0	0.9725	0.9982	0.9993	0.9351	0.9979	0.9966	0.9974
11.1	0.9653	0.9975	0.9992	0.9087	0.9971	0.9966	0.9968
11.2	0.9654	0.9985	0.9994	0.9084	0.9981	0.9968	0.9980
11.3	0.9646	0.9978	0.9991	0.9044	0.9977	0.9959	0.9960
11.4	0.9701	0.9978	0.9991	0.9084	0.9979	0.9964	0.9966
11.5	0.9754	0.9984	0.9993	0.9120	0.9983	0.9948	0.9973
11.6	0.9729	0.9974	0.9990	0.8840	0.9973	0.9916	0.9957
11.7	0.9714	0.9963	0.9989	0.8787	0.9964	0.9899	0.9955
11.8	0.9674	0.9953	0.9987	0.8510	0.9954	0.9803	0.9953
11.9	0.9691	0.9946	0.9982	0.8779	0.9946	0.9724	0.9936
12.0	0.9759	0.9950	0.9980	0.8936	0.9951	0.9729	0.9942
12.1	0.9823	0.9959	0.9986	0.9041	0.9959	0.9725	0.9958
12.2	0.9789	0.9957	0.9980	0.9272	0.9960	0.9680	0.9950
12.3	0.9709	0.9948	0.9971	0.9193	0.9952	0.9714	0.9939
12.4	0.9668	0.9929	0.9960	0.9326	0.9929	0.9712	0.9924
12.5	0.9654	0.9918	0.9945	0.9388	0.9921	0.9734	0.9911
12.6	0.9689	0.9941	0.9950	0.9472	0.9944	0.9837	0.9935
12.7	0.9669	0.9947	0.9936	0.9508	0.9951	0.9851	0.9936
12.8	0.9633	0.9957	0.9939	0.9542	0.9959	0.9836	0.9946
12.9	0.9699	0.9972	0.9936	0.9576	0.9968	0.9816	0.9951
13.0	0.9800	0.9950	0.9912	0.9657	0.9941	0.9826	0.9926
13.1	0.9791	0.9888	0.9848	0.9588	0.9878	0.9747	0.9855
13.2	0.9862	0.9883	0.9864	0.9638	0.9877	0.9845	0.9874
13.3	0.9783	0.9690	0.9668	0.9306	0.9681	0.9649	0.9688
13.4	0.9668	0.9635	0.9613	0.9294	0.9632	0.9655	0.9647
13.5	0.9386	0.9414	0.9331	0.8739	0.9408	0.9520	0.9425
13.6	0.9508	0.9398	0.9312	0.8763	0.9390	0.9518	0.9413
13.7	0.9573	0.9494	0.9404	0.8960	0.9488	0.9666	0.9521
13.8	0.9758	0.9712	0.9659	0.9454	0.9705	0.9795	0.9727
13.9	0.9759	0.9794	0.9725	0.9503	0.9790	0.9876	0.9805
14.0	0.9717	0.9881	0.9805	0.9537	0.9879	0.9923	0.9891
14.1	0.9470	0.9888	0.9715	0.9192	0.9888	0.9885	0.9897
14.2	0.9380	0.9924	0.9654	0.9133	0.9929	0.9836	0.9928
14.3	0.9474	0.9963	0.9652	0.9304	0.9965	0.9850	0.9964
14.4	0.9410	0.9969	0.9570	0.9249	0.9970	0.9840	0.9972
14.5	0.9599	0.9968	0.9712	0.9524	0.9967	0.9903	0.9973
14.6	0.9383	0.9960	0.9699	0.9279	0.9959	0.9879	0.9963
14.7	0.9466	0.9972	0.9857	0.9455	0.9972	0.9929	0.9966
14.8	0.9637	0.9982	0.9803	0.9644	0.9982	0.9965	0.9974
14.9	0.9586	0.9967	0.9539	0.9599	0.9964	0.9967	0.9968
15.0	0.9393	0.9953	0.9217	0.9364	0.9950	0.9961	0.9970
15.1	0.9529	0.9966	0.9373	0.9392	0.9966	0.9976	0.9981
15.2	0.9712	0.9982	0.9508	0.9537	0.9982	0.9986	0.9990
15.3	0.9590	0.9982	0.9412	0.9350	0.9981	0.9982	0.9990
15.4	0.9690	0.9988	0.9335	0.9461	0.9987	0.9985	0.9994
15.5	0.9778	0.9988	0.9460	0.9670	0.9988	0.9985	0.9994
15.6	0.9736	0.9985	0.9353	0.9626	0.9984	0.9979	0.9991
15.7	0.9814	0.9990	0.9543	0.9750	0.9988	0.9985	0.9994
15.8	0.9854	0.9990	0.9674	0.9823	0.9990	0.9986	0.9995
15.9	0.9837	0.9990	0.9687	0.9842	0.9989	0.9985	0.9995
16.0	0.9829	0.9992	0.9712	0.9895	0.9991	0.9986	0.9995
16.1	0.9829	0.9991	0.9793	0.9898	0.9991	0.9982	0.9996
16.2	0.9785	0.9986	0.9739	0.9858	0.9986	0.9984	0.9995
16.3	0.9783	0.9984	0.9699	0.9870	0.9983	0.9984	0.9992
16.4	0.9786	0.9984	0.9739	0.9873	0.9983	0.9983	0.9992
16.5	0.9842	0.9985	0.9782	0.9911	0.9983	0.9985	0.9994

16.6	0.9886	0.9985	0.9797	0.9926	0.9985	0.9986	0.9993
16.7	0.9801	0.9978	0.9746	0.9878	0.9977	0.9976	0.9989
16.8	0.9820	0.9988	0.9672	0.9881	0.9988	0.9972	0.9988
16.9	0.9791	0.9990	0.9623	0.9873	0.9991	0.9967	0.9990
17.0	0.9832	0.9989	0.9713	0.9845	0.9990	0.9969	0.9992
17.1	0.9819	0.9989	0.9286	0.9850	0.9988	0.9950	0.9982
17.2	0.9816	0.9992	0.9314	0.9874	0.9991	0.9968	0.9985
17.3	0.9871	0.9993	0.9690	0.9940	0.9992	0.9983	0.9990
17.4	0.9748	0.9991	0.9432	0.9899	0.9990	0.9970	0.9986
17.5	0.9788	0.9992	0.9536	0.9867	0.9992	0.9971	0.9990
17.6	0.9843	0.9993	0.9664	0.9909	0.9992	0.9984	0.9989
17.7	0.9808	0.9993	0.9634	0.9902	0.9992	0.9979	0.9988
17.8	0.9770	0.9993	0.9720	0.9854	0.9991	0.9969	0.9985
17.9	0.9805	0.9994	0.9738	0.9860	0.9992	0.9970	0.9984
18.0	0.9699	0.9992	0.9753	0.9819	0.9991	0.9958	0.9990
18.1	0.9717	0.9991	0.9777	0.9835	0.9989	0.9976	0.9992
18.2	0.9557	0.9990	0.9610	0.9779	0.9988	0.9956	0.9989
18.3	0.9540	0.9992	0.9766	0.9704	0.9991	0.9961	0.9994
18.4	0.9066	0.9991	0.9765	0.9338	0.9990	0.9932	0.9992
18.5	0.5435	0.9986	0.9319	0.5181	0.9984	0.9753	0.9981
18.6	0.1465	0.9979	0.9256	0.5613	0.9975	0.9732	0.9969
18.7	0.6457	0.9981	0.9515	0.8832	0.9976	0.9897	0.9970
18.8	0.9238	0.9983	0.9760	0.9795	0.9978	0.9957	0.9982
18.9	0.9469	0.9982	0.9817	0.9852	0.9978	0.9956	0.9987
19.0	0.9432	0.9976	0.9783	0.9792	0.9971	0.9944	0.9986
19.1	0.9498	0.9970	0.9798	0.9787	0.9967	0.9955	0.9986
19.2	0.9384	0.9971	0.9789	0.9788	0.9968	0.9964	0.9991
19.3	0.9530	0.9977	0.9819	0.9830	0.9972	0.9975	0.9993
19.4	0.9475	0.9972	0.9830	0.9839	0.9967	0.9971	0.9992
19.5	0.9361	0.9954	0.9685	0.9755	0.9950	0.9957	0.9987
19.6	0.9472	0.9957	0.9611	0.9729	0.9952	0.9963	0.9987
19.7	0.9464	0.9955	0.9708	0.9695	0.9951	0.9974	0.9987
19.8	0.9540	0.9959	0.9634	0.9661	0.9956	0.9977	0.9984
19.9	0.9554	0.9953	0.9627	0.9605	0.9950	0.9972	0.9981
20.0	0.9690	0.9958	0.9783	0.9616	0.9956	0.9969	0.9979
20.1	0.9738	0.9965	0.9892	0.9490	0.9964	0.9970	0.9986
20.2	0.9770	0.9962	0.9917	0.9461	0.9960	0.9975	0.9985
20.3	0.9746	0.9946	0.9909	0.9399	0.9946	0.9973	0.9982
20.4	0.9692	0.9934	0.9905	0.8729	0.9931	0.9968	0.9979
20.5	0.9766	0.9927	0.9899	0.8594	0.9922	0.9957	0.9976
20.6	0.9741	0.9898	0.9894	0.8427	0.9895	0.9953	0.9967
20.7	0.9795	0.9910	0.9907	0.8784	0.9908	0.9952	0.9972
20.8	0.9805	0.9896	0.9910	0.9100	0.9893	0.9960	0.9966
20.9	0.9843	0.9884	0.9914	0.9188	0.9879	0.9963	0.9960
21.0	0.9823	0.9869	0.9927	0.9238	0.9866	0.9949	0.9954
21.1	0.9805	0.9812	0.9901	0.9433	0.9809	0.9924	0.9935
21.2	0.9890	0.9827	0.9921	0.9658	0.9820	0.9912	0.9939
21.3	0.9858	0.9801	0.9909	0.9561	0.9786	0.9894	0.9937
21.4	0.9843	0.9731	0.9882	0.9586	0.9718	0.9882	0.9917
21.5	0.9864	0.9771	0.9920	0.9660	0.9764	0.9931	0.9913
21.6	0.9856	0.9776	0.9912	0.9657	0.9764	0.9930	0.9929
21.7	0.9829	0.9658	0.9856	0.9632	0.9635	0.9880	0.9894
21.8	0.9761	0.9655	0.9738	0.9563	0.9635	0.9866	0.9888
21.9	0.9708	0.9714	0.9668	0.9595	0.9702	0.9882	0.9875
22.0	0.9794	0.9800	0.9765	0.9679	0.9791	0.9911	0.9910
22.1	0.9798	0.9784	0.9827	0.9759	0.9774	0.9945	0.9922
22.2	0.9793	0.9729	0.9869	0.9806	0.9717	0.9947	0.9887
22.3	0.9815	0.9743	0.9888	0.9818	0.9737	0.9948	0.9890
22.4	0.9799	0.9708	0.9858	0.9875	0.9701	0.9951	0.9836
22.5	0.9889	0.9852	0.9906	0.9908	0.9848	0.9971	0.9906
22.6	0.9869	0.9823	0.9907	0.9924	0.9819	0.9964	0.9872
22.7	0.9851	0.9807	0.9893	0.9934	0.9805	0.9965	0.9848
22.8	0.9867	0.9800	0.9880	0.9905	0.9799	0.9950	0.9817
22.9	0.9898	0.9854	0.9912	0.9929	0.9854	0.9958	0.9836
23.0	0.9882	0.9811	0.9884	0.9849	0.9808	0.9945	0.9771
23.1	0.9896	0.9860	0.9852	0.9867	0.9862	0.9966	0.9791
23.2	0.9868	0.9830	0.9799	0.9878	0.9830	0.9969	0.9696
23.3	0.9903	0.9871	0.9796	0.9915	0.9869	0.9973	0.9758
23.4	0.9919	0.9862	0.9786	0.9949	0.9862	0.9979	0.9686
23.5	0.9954	0.9902	0.9800	0.9951	0.9899	0.9987	0.9760
23.6	0.9963	0.9934	0.9771	0.9966	0.9932	0.9989	0.9831
23.7	0.9950	0.9923	0.9722	0.9951	0.9923	0.9987	0.9796
23.8	0.9949	0.9922	0.9410	0.9944	0.9919	0.9986	0.9740
23.9	0.9960	0.9931	0.9505	0.9964	0.9923	0.9991	0.9810
24.0	0.9958	0.9947	0.9496	0.9962	0.9941	0.9991	0.9883
24.1	0.9944	0.9944	0.9611	0.9958	0.9941	0.9987	0.9911
24.2	0.9957	0.9940	0.9678	0.9965	0.9935	0.9990	0.9899
24.3	0.9970	0.9919	0.9777	0.9970	0.9912	0.9990	0.9911
24.4	0.9951	0.9914	0.9705	0.9947	0.9902	0.9989	0.9935
24.5	0.9946	0.9902	0.9790	0.9943	0.9891	0.9985	0.9923
24.6	0.9950	0.9897	0.9869	0.9953	0.9874	0.9990	0.9956
24.7	0.9949	0.9905	0.9869	0.9943	0.9878	0.9990	0.9957
24.8	0.9966	0.9937	0.9911	0.9961	0.9922	0.9992	0.9964
24.9	0.9968	0.9895	0.9917	0.9961	0.9875	0.9991	0.9972
25.0	0.9958	0.9850	0.9870	0.9962	0.9813	0.9987	0.9961
25.1	0.9950	0.9888	0.9945	0.9973	0.9854	0.9991	0.9979

25.2	0.9971	0.9909	0.9952	0.9976	0.9882	0.9989	0.9974
25.3	0.9973	0.9899	0.9939	0.9980	0.9875	0.9988	0.9974
25.4	0.9956	0.9884	0.9902	0.9970	0.9848	0.9979	0.9953
25.5	0.9969	0.9905	0.9951	0.9977	0.9882	0.9985	0.9974
25.6	0.9938	0.9842	0.9923	0.9965	0.9777	0.9978	0.9960
25.7	0.9913	0.9798	0.9944	0.9948	0.9698	0.9980	0.9969
25.8	0.9920	0.9814	0.9918	0.9967	0.9750	0.9976	0.9958
25.9	0.9939	0.9857	0.9933	0.9969	0.9790	0.9984	0.9970
26.0	0.9952	0.9835	0.9938	0.9967	0.9716	0.9982	0.9968
26.1	0.9963	0.9777	0.9938	0.9972	0.9593	0.9981	0.9971
26.2	0.9960	0.9711	0.9905	0.9955	0.9541	0.9974	0.9955
26.3	0.9963	0.9730	0.9930	0.9969	0.9582	0.9971	0.9960
26.4	0.9961	0.9737	0.9941	0.9976	0.9553	0.9966	0.9959
26.5	0.9954	0.9738	0.9928	0.9972	0.9582	0.9943	0.9935
26.6	0.9956	0.9745	0.9934	0.9973	0.9628	0.9937	0.9937
26.7	0.9971	0.9788	0.9950	0.9976	0.9693	0.9959	0.9957
26.8	0.9958	0.9800	0.9955	0.9975	0.9715	0.9954	0.9951
26.9	0.9969	0.9755	0.9964	0.9979	0.9660	0.9948	0.9949
27.0	0.9969	0.9651	0.9966	0.9981	0.9537	0.9949	0.9950
27.1	0.9972	0.9664	0.9975	0.9981	0.9539	0.9960	0.9962
27.2	0.9972	0.9619	0.9980	0.9980	0.9425	0.9967	0.9969
27.3	0.9964	0.9504	0.9967	0.9974	0.9137	0.9947	0.9948
27.4	0.9955	0.9397	0.9957	0.9966	0.9045	0.9934	0.9936
27.5	0.9948	0.9289	0.9950	0.9947	0.8947	0.9905	0.9913
27.6	0.9945	0.9418	0.9946	0.9954	0.9099	0.9910	0.9918
27.7	0.9963	0.9641	0.9966	0.9976	0.9447	0.9939	0.9950
27.8	0.9960	0.9646	0.9964	0.9972	0.9437	0.9943	0.9950
27.9	0.9943	0.9666	0.9956	0.9952	0.9484	0.9924	0.9940
28.0	0.9939	0.9689	0.9941	0.9949	0.9530	0.9895	0.9926
28.1	0.9939	0.9650	0.9952	0.9958	0.9469	0.9886	0.9934
28.2	0.9937	0.9713	0.9955	0.9954	0.9574	0.9877	0.9933
28.3	0.9926	0.9636	0.9945	0.9944	0.9485	0.9874	0.9921
28.4	0.9950	0.9727	0.9940	0.9958	0.9612	0.9815	0.9898
28.5	0.9955	0.9817	0.9956	0.9968	0.9694	0.9837	0.9918
28.6	0.9948	0.9847	0.9963	0.9959	0.9733	0.9850	0.9928
28.7	0.9939	0.9751	0.9950	0.9938	0.9579	0.9762	0.9891
28.8	0.9938	0.9747	0.9944	0.9947	0.9574	0.9811	0.9892
28.9	0.9925	0.9756	0.9944	0.9948	0.9607	0.9837	0.9904
29.0	0.9909	0.9726	0.9940	0.9939	0.9588	0.9844	0.9894
29.1	0.9923	0.9741	0.9939	0.9939	0.9615	0.9842	0.9874
29.2	0.9920	0.9691	0.9934	0.9930	0.9510	0.9856	0.9873
29.3	0.9927	0.9653	0.9889	0.9942	0.9445	0.9838	0.9831
29.4	0.9910	0.9647	0.9919	0.9928	0.9478	0.9876	0.9844
29.5	0.9913	0.9674	0.9926	0.9934	0.9554	0.9891	0.9856
29.6	0.9895	0.9700	0.9917	0.9917	0.9587	0.9910	0.9882
29.7	0.9866	0.9675	0.9886	0.9902	0.9526	0.9918	0.9873
29.8	0.9880	0.9696	0.9935	0.9920	0.9585	0.9925	0.9895
29.9	0.9844	0.9618	0.9813	0.9908	0.9472	0.9916	0.9868
30.0	0.9824	0.9555	0.9847	0.9912	0.9414	0.9910	0.9867
30.1	0.9829	0.9535	0.9892	0.9915	0.9368	0.9922	0.9877
30.2	0.9818	0.9511	0.9877	0.9919	0.9393	0.9917	0.9901
30.3	0.9831	0.9585	0.9884	0.9935	0.9503	0.9912	0.9893
30.4	0.9861	0.9632	0.9902	0.9953	0.9549	0.9931	0.9930
30.5	0.9852	0.9612	0.9903	0.9955	0.9538	0.9933	0.9932
30.6	0.9825	0.9680	0.9918	0.9960	0.9615	0.9928	0.9916
30.7	0.9810	0.9752	0.9923	0.9964	0.9693	0.9939	0.9928
30.8	0.9710	0.9718	0.9892	0.9946	0.9662	0.9913	0.9903
30.9	0.9780	0.9766	0.9909	0.9946	0.9765	0.9937	0.9925
31.0	0.9718	0.9706	0.9943	0.9932	0.9717	0.9937	0.9923
31.1	0.9703	0.9637	0.9937	0.9933	0.9659	0.9938	0.9913
31.2	0.9700	0.9737	0.9944	0.9962	0.9762	0.9965	0.9950
31.3	0.9421	0.9805	0.9947	0.9947	0.9803	0.9959	0.9935
31.4	0.8980	0.9763	0.9923	0.9934	0.9761	0.9958	0.9926
31.5	0.7773	0.9601	0.9875	0.9900	0.9623	0.9931	0.9914
31.6	0.6425	0.9591	0.9882	0.9891	0.9596	0.9932	0.9903
31.7	0.4459	0.9688	0.9922	0.9911	0.9682	0.9950	0.9921
31.8	0.5576	0.9722	0.9932	0.9924	0.9692	0.9945	0.9921
31.9	0.7464	0.9696	0.9939	0.9906	0.9659	0.9945	0.9921
32.0	0.8402	0.9600	0.9921	0.9885	0.9559	0.9928	0.9919
32.1	0.8713	0.9528	0.9917	0.9865	0.9472	0.9918	0.9910
32.2	0.9255	0.9557	0.9920	0.9862	0.9507	0.9911	0.9925
32.3	0.9353	0.9441	0.9891	0.9841	0.9410	0.9867	0.9926
32.4	0.9353	0.9337	0.9891	0.9770	0.9249	0.9854	0.9913
32.5	0.9469	0.9210	0.9848	0.9702	0.9157	0.9791	0.9909
32.6	0.9514	0.9115	0.9862	0.9696	0.9081	0.9789	0.9921
32.7	0.9624	0.9184	0.9894	0.9654	0.9139	0.9821	0.9931
32.8	0.9708	0.9283	0.9918	0.9650	0.9165	0.9852	0.9955
32.9	0.9748	0.9105	0.9906	0.9668	0.8994	0.9804	0.9951
33.0	0.9767	0.8939	0.9898	0.9628	0.8792	0.9763	0.9945
33.1	0.9804	0.9005	0.9924	0.9699	0.8996	0.9808	0.9952
33.2	0.9826	0.9003	0.9926	0.9795	0.8990	0.9782	0.9960
33.3	0.9837	0.8759	0.9912	0.9866	0.8764	0.9751	0.9952
33.4	0.9833	0.8241	0.9893	0.9810	0.8241	0.9661	0.9938
33.5	0.9837	0.7976	0.9896	0.9873	0.7973	0.9631	0.9928
33.6	0.9863	0.7791	0.9900	0.9895	0.7867	0.9543	0.9930
33.7	0.9889	0.6889	0.9906	0.9920	0.7145	0.9562	0.9963

33.8	0.9851	0.5146	0.9872	0.9929	0.5706	0.9378	0.9951
33.9	0.9910	0.4395	0.9887	0.9915	0.4357	0.9485	0.9944
34.0	0.9905	0.4187	0.9857	0.9918	0.2777	0.9415	0.9945
34.1	0.9883	0.5310	0.9886	0.9923	0.2971	0.9546	0.9938
34.2	0.9888	0.6699	0.9905	0.9921	0.4721	0.9607	0.9944
34.3	0.9905	0.7995	0.9919	0.9933	0.6733	0.9722	0.9953
34.4	0.9913	0.8467	0.9918	0.9929	0.7609	0.9715	0.9943
34.5	0.9896	0.8164	0.9880	0.9901	0.7334	0.9552	0.9934
34.6	0.9893	0.8153	0.9856	0.9896	0.7624	0.9415	0.9920
34.7	0.9921	0.8388	0.9881	0.9905	0.7901	0.9488	0.9932
34.8	0.9947	0.8499	0.9848	0.9920	0.8004	0.9341	0.9941
34.9	0.9935	0.8198	0.9805	0.9910	0.7735	0.9075	0.9933
35.0	0.9952	0.8461	0.9855	0.9914	0.8211	0.9189	0.9937
35.1	0.9963	0.8990	0.9853	0.9949	0.8731	0.9016	0.9951
35.2	0.9954	0.9065	0.9774	0.9950	0.8805	0.8157	0.9944
35.3	0.9941	0.8687	0.9752	0.9934	0.8223	0.7719	0.9907
35.4	0.9900	0.8441	0.9665	0.9901	0.7903	0.6273	0.9865
35.5	0.9908	0.8923	0.9754	0.9925	0.8693	0.6979	0.9872
35.6	0.9904	0.9156	0.9764	0.9917	0.8989	0.7997	0.9850
35.7	0.9910	0.9119	0.9783	0.9931	0.8943	0.8452	0.9802
35.8	0.9897	0.9117	0.9722	0.9936	0.8964	0.8388	0.9733
35.9	0.9933	0.9398	0.9836	0.9940	0.9274	0.9271	0.9768
36.0	0.9946	0.9416	0.9872	0.9947	0.9227	0.9462	0.9734
36.1	0.9927	0.9163	0.9839	0.9939	0.8878	0.9318	0.9563
36.2	0.9936	0.9267	0.9902	0.9955	0.9019	0.9613	0.9686
36.3	0.9945	0.9257	0.9871	0.9952	0.9045	0.9607	0.9667
36.4	0.9944	0.9354	0.9843	0.9959	0.9186	0.9554	0.9680
36.5	0.9955	0.9248	0.9887	0.9967	0.9022	0.9704	0.9744
36.6	0.9955	0.9170	0.9904	0.9959	0.8920	0.9771	0.9713
36.7	0.9947	0.9023	0.9900	0.9954	0.8605	0.9772	0.9535
36.8	0.9963	0.9105	0.9901	0.9964	0.8692	0.9807	0.9618
36.9	0.9967	0.9027	0.9887	0.9961	0.8688	0.9778	0.9649
37.0	0.9963	0.9192	0.9852	0.9961	0.8841	0.9689	0.9408
37.1	0.9952	0.9387	0.9909	0.9963	0.9129	0.9769	0.9615
37.2	0.9949	0.9217	0.9903	0.9955	0.8842	0.9774	0.9540
37.3	0.9939	0.9231	0.9877	0.9942	0.8940	0.9756	0.9421
37.4	0.9947	0.9351	0.9855	0.9948	0.9119	0.9704	0.9271
37.5	0.9940	0.9330	0.9873	0.9944	0.9083	0.9729	0.9358
37.6	0.9940	0.9338	0.9815	0.9938	0.9087	0.9710	0.9145
37.7	0.9943	0.9367	0.9803	0.9941	0.9260	0.9795	0.8569
37.8	0.9936	0.9617	0.9793	0.9943	0.9545	0.9802	0.7377
37.9	0.9930	0.9617	0.9691	0.9932	0.9540	0.9666	0.5437
38.0	0.9917	0.9772	0.9734	0.9934	0.9720	0.9693	0.6502
38.1	0.9933	0.9850	0.9857	0.9945	0.9803	0.9777	0.8519
38.2	0.9938	0.9844	0.9845	0.9943	0.9808	0.9729	0.8811
38.3	0.9961	0.9902	0.9846	0.9967	0.9848	0.9755	0.9184
38.4	0.9954	0.9909	0.9816	0.9965	0.9854	0.9722	0.8831
38.5	0.9950	0.9879	0.9836	0.9958	0.9828	0.9698	0.8509
38.6	0.9936	0.9884	0.9823	0.9952	0.9815	0.9553	0.8343
38.7	0.9947	0.9902	0.9847	0.9961	0.9852	0.9569	0.8696
38.8	0.9949	0.9901	0.9874	0.9958	0.9865	0.9472	0.8874
38.9	0.9942	0.9895	0.9856	0.9952	0.9863	0.9126	0.9274
39.0	0.9939	0.9893	0.9885	0.9957	0.9839	0.9042	0.9434
39.1	0.9919	0.9860	0.9846	0.9947	0.9728	0.7918	0.9468
39.2	0.9937	0.9889	0.9890	0.9961	0.9736	0.7512	0.9504
39.3	0.9929	0.9851	0.9872	0.9966	0.9676	0.6221	0.9596
39.4	0.9903	0.9769	0.9892	0.9945	0.9522	0.5479	0.9598
39.5	0.9883	0.9797	0.9891	0.9932	0.9597	0.2652	0.9603
39.6	0.9909	0.9798	0.9909	0.9950	0.9628	0.0027	0.9669
39.7	0.9926	0.9721	0.9892	0.9945	0.9562	0.1902	0.9454
39.8	0.9920	0.9686	0.9887	0.9935	0.9453	0.3660	0.9442
39.9	0.9906	0.9707	0.9859	0.9936	0.9521	0.1852	0.9569
40.0	0.9869	0.9655	0.9849	0.9927	0.9424	0.2026	0.9531
40.1	0.9876	0.9746	0.9843	0.9930	0.9546	0.3604	0.9411
40.2	0.9895	0.9749	0.9851	0.9939	0.9580	0.4082	0.9427
40.3	0.9846	0.9658	0.9801	0.9893	0.9458	0.4001	0.9259
40.4	0.9859	0.9701	0.9814	0.9910	0.9519	0.4700	0.9375
40.5	0.9866	0.9706	0.9839	0.9917	0.9508	0.4844	0.9267
40.6	0.9897	0.9663	0.9806	0.9932	0.9479	0.5187	0.9048
40.7	0.9843	0.9618	0.9787	0.9920	0.9434	0.4405	0.8604
40.8	0.9789	0.9397	0.9700	0.9841	0.9098	0.3665	0.7877
40.9	0.9835	0.9501	0.9711	0.9846	0.9197	0.3178	0.8409
41.0	0.9745	0.9317	0.9718	0.9827	0.8928	0.2277	0.8186
41.1	0.9731	0.9240	0.9691	0.9875	0.8786	0.2615	0.8248
41.2	0.9718	0.9043	0.9478	0.9806	0.8492	0.3218	0.8124
41.3	0.9811	0.9257	0.9595	0.9828	0.8768	0.5821	0.8918
41.4	0.9835	0.9097	0.9570	0.9817	0.8480	0.5521	0.8778
41.5	0.9841	0.9095	0.9598	0.9797	0.8553	0.5090	0.8810
41.6	0.9796	0.8932	0.9460	0.9757	0.8256	0.5865	0.8663
41.7	0.9755	0.8615	0.9437	0.9718	0.7880	0.5819	0.8618
41.8	0.9674	0.8825	0.9416	0.9698	0.8170	0.6664	0.8577
41.9	0.9679	0.8651	0.9383	0.9622	0.7882	0.7237	0.8830
42.0	0.9714	0.8457	0.9342	0.9597	0.7528	0.7426	0.8827
42.1	0.9688	0.8409	0.9239	0.9651	0.7387	0.7357	0.8688
42.2	0.9610	0.8078	0.9035	0.9551	0.7043	0.7400	0.8425
42.3	0.9487	0.7930	0.9201	0.9611	0.6950	0.8345	0.8589

42.4	0.9623	0.8503	0.9214	0.9598	0.7875	0.8517	0.8468
42.5	0.9694	0.8849	0.9229	0.9593	0.8235	0.8292	0.8458
42.6	0.9535	0.8475	0.8951	0.9532	0.7547	0.7504	0.7955
42.7	0.9340	0.7765	0.8899	0.9540	0.6479	0.7987	0.8384
42.8	0.9205	0.6735	0.8635	0.9286	0.5400	0.7947	0.8525
42.9	0.9177	0.7059	0.8672	0.9294	0.5884	0.8046	0.8542
43.0	0.9234	0.7202	0.8798	0.9357	0.6314	0.8780	0.8634
43.1	0.9155	0.6753	0.9118	0.9479	0.6417	0.8984	0.8847
43.2	0.9206	0.6584	0.9024	0.9437	0.6409	0.9016	0.9196
43.3	0.9299	0.6008	0.8420	0.9011	0.5639	0.8792	0.9172
43.4	0.9052	0.5686	0.7628	0.8735	0.4839	0.8865	0.8651
43.5	0.9139	0.6717	0.7200	0.8681	0.6354	0.9032	0.8287
43.6	0.9325	0.7573	0.7968	0.8612	0.7563	0.9314	0.8242
43.7	0.9198	0.6439	0.8478	0.8995	0.6428	0.9184	0.7832
43.8	0.9268	0.6186	0.7692	0.8963	0.6396	0.9250	0.7911
43.9	0.9176	0.6925	0.8202	0.8875	0.6452	0.9519	0.7372
44.0	0.8985	0.6956	0.7229	0.7501	0.6166	0.9247	0.6230
44.1	0.8875	0.7196	0.4249	0.6740	0.6609	0.8950	0.6848
44.2	0.8998	0.7522	0.3020	0.5834	0.7288	0.9069	0.6658
44.3	0.8633	0.7487	0.6882	0.2937	0.7571	0.9299	0.6143
44.4	0.8922	0.8073	0.8760	0.1358	0.8145	0.9438	0.6697
44.5	0.8796	0.7978	0.7212	0.3973	0.7947	0.8944	0.5175
44.6	0.8763	0.7863	0.5131	0.2476	0.7970	0.9218	0.5084
44.7	0.9026	0.8276	0.7075	0.3237	0.8436	0.9707	0.6969
44.8	0.8800	0.7681	0.6032	0.3728	0.7877	0.9622	0.5926
44.9	0.8758	0.7879	0.7626	0.3981	0.8116	0.9671	0.6847
45.0	0.8344	0.8102	0.8333	0.3499	0.8225	0.9703	0.6241
45.1	0.7891	0.7946	0.8028	0.0908	0.7948	0.9607	0.6044
45.2	0.8209	0.8371	0.8011	0.1442	0.8517	0.9678	0.6371
45.3	0.8380	0.8869	0.8063	0.3537	0.8996	0.9717	0.7235
45.4	0.7780	0.9158	0.7933	0.5678	0.9215	0.9669	0.7738
45.5	0.7433	0.8524	0.7186	0.5665	0.8566	0.9558	0.7250
45.6	0.8505	0.8562	0.7797	0.5617	0.8681	0.9577	0.7755
45.7	0.8578	0.8686	0.8421	0.6876	0.8803	0.9524	0.8484
45.8	0.8278	0.8897	0.8975	0.7466	0.8994	0.9589	0.8754
45.9	0.7679	0.8992	0.9145	0.7833	0.9092	0.9466	0.8774
46.0	0.7267	0.9168	0.9473	0.8468	0.9321	0.9639	0.9296
46.1	0.4507	0.9203	0.9513	0.8545	0.9362	0.9734	0.9248
46.2	0.3492	0.8787	0.9059	0.8247	0.8988	0.9477	0.9043
46.3	0.6951	0.8722	0.9052	0.8394	0.8872	0.8960	0.8888
46.4	0.6195	0.9411	0.9556	0.9143	0.9469	0.9119	0.9371
46.5	0.5269	0.9636	0.9687	0.9285	0.9680	0.9546	0.9553
46.6	0.4564	0.9394	0.9445	0.8862	0.9462	0.9537	0.9205
46.7	0.4066	0.9231	0.9520	0.8900	0.9313	0.9422	0.9122
46.8	0.5551	0.9469	0.9719	0.9111	0.9526	0.9571	0.9272
46.9	0.6849	0.9638	0.9703	0.9255	0.9688	0.9640	0.9508
47.0	0.6902	0.9555	0.9629	0.9157	0.9612	0.9421	0.9444
47.1	0.7861	0.9435	0.9578	0.9196	0.9484	0.8978	0.9426
47.2	0.7579	0.9494	0.9721	0.9344	0.9520	0.8897	0.9500
47.3	0.7558	0.9576	0.9778	0.9536	0.9599	0.8577	0.9642
47.4	0.6575	0.9562	0.9783	0.9534	0.9577	0.7067	0.9546
47.5	0.6705	0.9449	0.9654	0.9468	0.9431	0.6993	0.9374
47.6	0.7868	0.9539	0.9692	0.9421	0.9542	0.9209	0.9452
47.7	0.8041	0.9531	0.9758	0.9428	0.9579	0.8981	0.9528
47.8	0.8552	0.9566	0.9685	0.9522	0.9578	0.8341	0.9554
47.9	0.8677	0.9373	0.9458	0.9456	0.9373	0.8650	0.9440
48.0	0.8965	0.9251	0.9747	0.9521	0.9243	0.9219	0.9520
48.1	0.9385	0.8993	0.9741	0.9691	0.8961	0.9551	0.9652
48.2	0.9475	0.9480	0.9773	0.9718	0.9469	0.9473	0.9695
48.3	0.9495	0.9671	0.9815	0.9782	0.9673	0.9471	0.9674
48.4	0.9488	0.9501	0.9759	0.9727	0.9515	0.9582	0.9575
48.5	0.9545	0.9477	0.9623	0.9691	0.9430	0.9511	0.9726
48.6	0.9480	0.9370	0.9523	0.9609	0.9270	0.9443	0.9551
48.7	0.9583	0.9560	0.9698	0.9588	0.9542	0.9434	0.9549
48.8	0.9519	0.9317	0.9668	0.9598	0.9327	0.9173	0.9565
48.9	0.9444	0.9116	0.9688	0.9695	0.9102	0.9329	0.9562
49.0	0.9497	0.9500	0.9769	0.9753	0.9444	0.9333	0.9674
49.1	0.9610	0.9527	0.9811	0.9732	0.9462	0.9534	0.9708
49.2	0.9671	0.9609	0.9809	0.9696	0.9569	0.9481	0.9652
49.3	0.9786	0.9634	0.9856	0.9765	0.9643	0.9389	0.9692
49.4	0.9789	0.9607	0.9902	0.9833	0.9598	0.9532	0.9681
49.5	0.9675	0.9504	0.9870	0.9786	0.9458	0.9411	0.9551
49.6	0.9755	0.9614	0.9848	0.9767	0.9588	0.9067	0.9583
49.7	0.9820	0.9699	0.9884	0.9826	0.9664	0.9154	0.9491
49.8	0.9830	0.9733	0.9877	0.9869	0.9693	0.8952	0.9558
49.9	0.9737	0.9548	0.9740	0.9821	0.9484	0.8446	0.9520
50.0	0.9784	0.9464	0.9757	0.9829	0.9423	0.9152	0.9505
50.1	0.9843	0.9702	0.9856	0.9855	0.9705	0.9241	0.9587
50.2	0.9868	0.9810	0.9902	0.9884	0.9809	0.9407	0.9690
50.3	0.9870	0.9830	0.9903	0.9893	0.9814	0.9064	0.9675
50.4	0.9824	0.9732	0.9858	0.9861	0.9703	0.8416	0.9530
50.5	0.9779	0.9720	0.9882	0.9877	0.9699	0.8713	0.9402
50.6	0.9838	0.9771	0.9914	0.9895	0.9774	0.8935	0.9667
50.7	0.9856	0.9781	0.9920	0.9918	0.9766	0.9358	0.9664
50.8	0.9839	0.9620	0.9842	0.9888	0.9615	0.9263	0.9542
50.9	0.9829	0.9687	0.9836	0.9875	0.9652	0.9158	0.9452

51.0	0.9856	0.9694	0.9836	0.9871	0.9655	0.9180	0.9337
51.1	0.9786	0.9525	0.9736	0.9881	0.9482	0.8468	0.9175
51.2	0.9810	0.9571	0.9709	0.9900	0.9532	0.7241	0.9386
51.3	0.9755	0.9377	0.9496	0.9879	0.9269	0.8091	0.9417
51.4	0.9788	0.9441	0.9623	0.9848	0.9387	0.9136	0.9425
51.5	0.9839	0.9637	0.9795	0.9827	0.9621	0.9189	0.9396
51.6	0.9828	0.9767	0.9865	0.9898	0.9764	0.9173	0.9462
51.7	0.9866	0.9857	0.9923	0.9881	0.9855	0.9187	0.9561
51.8	0.9837	0.9821	0.9875	0.9869	0.9811	0.8233	0.9586
51.9	0.9734	0.9616	0.9682	0.9829	0.9598	0.5856	0.9505
52.0	0.9826	0.9753	0.9786	0.9877	0.9763	0.7839	0.9660
52.1	0.9785	0.9717	0.9803	0.9828	0.9727	0.7855	0.9562
52.2	0.9800	0.9788	0.9852	0.9858	0.9782	0.7596	0.9658
52.3	0.9707	0.9681	0.9725	0.9811	0.9658	0.1795	0.9501
52.4	0.9689	0.9637	0.9554	0.9808	0.9593	0.2222	0.9565
52.5	0.9775	0.9748	0.9726	0.9785	0.9724	0.3953	0.9714
52.6	0.9804	0.9754	0.9774	0.9767	0.9733	0.0774	0.9732
52.7	0.9793	0.9709	0.9653	0.9771	0.9681	0.5537	0.9758
52.8	0.9791	0.9724	0.9758	0.9720	0.9705	0.5907	0.9728
52.9	0.9827	0.9681	0.9779	0.9673	0.9684	0.4776	0.9712
53.0	0.9806	0.9638	0.9720	0.9614	0.9639	0.6047	0.9753
53.1	0.9758	0.9745	0.9815	0.9699	0.9734	0.6034	0.9762
53.2	0.9825	0.9802	0.9877	0.9715	0.9796	0.4398	0.9810
53.3	0.9813	0.9805	0.9886	0.9747	0.9801	0.4045	0.9833
53.4	0.9849	0.9854	0.9917	0.9762	0.9849	0.5645	0.9854
53.5	0.9784	0.9710	0.9770	0.9475	0.9677	0.4331	0.9780
53.6	0.9854	0.9824	0.9786	0.9504	0.9808	0.1627	0.9877
53.7	0.9848	0.9823	0.9832	0.9641	0.9808	0.4782	0.9860
53.8	0.9814	0.9772	0.9788	0.9666	0.9757	0.4610	0.9843
53.9	0.9804	0.9769	0.9847	0.9650	0.9749	0.2874	0.9822
54.0	0.9807	0.9775	0.9892	0.9614	0.9756	0.6325	0.9811
54.1	0.9754	0.9679	0.9836	0.9342	0.9653	0.6961	0.9754
54.2	0.9572	0.9238	0.9502	0.8597	0.9206	0.5842	0.9573
54.3	0.9678	0.9545	0.9697	0.8740	0.9520	0.3759	0.9668
54.4	0.9718	0.9718	0.9828	0.9412	0.9702	0.3431	0.9753
54.5	0.9746	0.9706	0.9866	0.9194	0.9687	0.6602	0.9662
54.6	0.9692	0.9642	0.9833	0.9192	0.9606	0.7678	0.9587
54.7	0.9540	0.9305	0.9642	0.8516	0.9223	0.7707	0.9358
54.8	0.9720	0.9477	0.9732	0.7186	0.9419	0.7482	0.9436
54.9	0.9781	0.9671	0.9837	0.8145	0.9638	0.5723	0.9616
55.0	0.9789	0.9683	0.9860	0.8258	0.9653	0.5926	0.9624
55.1	0.9774	0.9685	0.9872	0.8064	0.9654	0.7412	0.9554
55.2	0.9721	0.9671	0.9866	0.7987	0.9636	0.7346	0.9520
55.3	0.9714	0.9689	0.9850	0.8233	0.9655	0.7980	0.9532
55.4	0.9758	0.9736	0.9844	0.7922	0.9713	0.8487	0.9621
55.5	0.9674	0.9625	0.9646	0.5762	0.9583	0.7305	0.9543
55.6	0.9650	0.9573	0.9708	0.6817	0.9521	0.4766	0.9433
55.7	0.9797	0.9737	0.9865	0.7895	0.9702	0.6450	0.9642
55.8	0.9815	0.9757	0.9873	0.7684	0.9729	0.7817	0.9604
55.9	0.9816	0.9755	0.9844	0.7706	0.9726	0.8321	0.9619
56.0	0.9712	0.9604	0.9591	0.4817	0.9554	0.7721	0.9640
56.1	0.9551	0.9416	0.9429	0.5745	0.9344	0.4958	0.9531
56.2	0.9698	0.9611	0.9780	0.7901	0.9572	0.1758	0.9552
56.3	0.9804	0.9745	0.9854	0.8725	0.9714	0.4158	0.9665
56.4	0.9835	0.9748	0.9860	0.8551	0.9716	0.5236	0.9664
56.5	0.9803	0.9712	0.9840	0.8463	0.9673	0.5130	0.9605
56.6	0.9773	0.9707	0.9826	0.8725	0.9658	0.6321	0.9539
56.7	0.9828	0.9755	0.9860	0.9007	0.9697	0.6851	0.9618
56.8	0.9828	0.9730	0.9869	0.8796	0.9670	0.7584	0.9635
56.9	0.9861	0.9750	0.9899	0.8846	0.9687	0.8019	0.9647
57.0	0.9814	0.9730	0.9858	0.9010	0.9663	0.8191	0.9607
57.1	0.9699	0.9591	0.9644	0.8638	0.9495	0.7933	0.9472
57.2	0.9579	0.9549	0.9368	0.9065	0.9464	0.4228	0.9551
57.3	0.9711	0.9733	0.9696	0.9468	0.9695	0.1181	0.9594
57.4	0.9646	0.9638	0.9716	0.9343	0.9575	0.2268	0.9366
57.5	0.9639	0.9605	0.9707	0.9311	0.9542	0.5068	0.9309
57.6	0.9683	0.9694	0.9760	0.9480	0.9638	0.6653	0.9428
57.7	0.9721	0.9737	0.9827	0.9518	0.9680	0.7673	0.9517
57.8	0.9778	0.9776	0.9853	0.9584	0.9728	0.8139	0.9609
57.9	0.9703	0.9714	0.9825	0.9545	0.9671	0.8205	0.9522
58.0	0.9803	0.9831	0.9862	0.9728	0.9811	0.9071	0.9651
58.1	0.9813	0.9826	0.9879	0.9708	0.9802	0.9137	0.9646
58.2	0.9710	0.9750	0.9847	0.9643	0.9711	0.8941	0.9537
58.3	0.9781	0.9806	0.9862	0.9699	0.9772	0.9346	0.9637
58.4	0.9795	0.9801	0.9834	0.9687	0.9769	0.9446	0.9608
58.5	0.9774	0.9798	0.9792	0.9657	0.9765	0.9267	0.9541
58.6	0.9728	0.9746	0.9808	0.9619	0.9708	0.9103	0.9594
58.7	0.9762	0.9726	0.9837	0.9607	0.9688	0.9488	0.9663
58.8	0.9709	0.9703	0.9818	0.9543	0.9657	0.9564	0.9564
58.9	0.9728	0.9749	0.9818	0.9604	0.9717	0.9632	0.9579
59.0	0.9679	0.9757	0.9830	0.9710	0.9736	0.9768	0.9624
59.1	0.9790	0.9829	0.9877	0.9805	0.9802	0.9847	0.9715
59.2	0.9735	0.9784	0.9858	0.9706	0.9754	0.9859	0.9596
59.3	0.9684	0.9787	0.9872	0.9696	0.9766	0.9867	0.9526
59.4	0.9724	0.9831	0.9916	0.9728	0.9814	0.9906	0.9614
59.5	0.9603	0.9793	0.9887	0.9715	0.9776	0.9922	0.9468

59.6	0.9498	0.9780	0.9887	0.9632	0.9754	0.9922	0.9447
59.7	0.9327	0.9713	0.9891	0.9252	0.9678	0.9917	0.9334
59.8	0.9374	0.9809	0.9894	0.4767	0.9789	0.9935	0.9459
59.9	0.9420	0.9824	0.9915	0.0228	0.9807	0.9923	0.6915
60.0	0.9330	0.9749	0.9906	0.0673	0.9722	0.9904	0.3054
60.1	0.9391	0.9765	0.9884	0.0413	0.9743	0.9902	0.7597
60.2	0.9458	0.9751	0.9883	0.7089	0.9724	0.9895	0.9589
60.3	0.9471	0.9720	0.9870	0.9423	0.9708	0.9865	0.9623
60.4	0.9573	0.9730	0.9851	0.9712	0.9714	0.9880	0.9641
60.5	0.9648	0.9777	0.9870	0.9753	0.9756	0.9878	0.9716
60.6	0.9548	0.9719	0.9844	0.9755	0.9712	0.9840	0.9670
60.7	0.9569	0.9668	0.9844	0.9710	0.9650	0.9773	0.9658
60.8	0.9688	0.9751	0.9868	0.9804	0.9741	0.9831	0.9727
60.9	0.9590	0.9680	0.9821	0.9751	0.9669	0.9799	0.9646
61.0	0.9657	0.9724	0.9828	0.9772	0.9715	0.9807	0.9693
61.1	0.9774	0.9794	0.9873	0.9835	0.9788	0.9836	0.9790
61.2	0.9747	0.9774	0.9872	0.9802	0.9760	0.9779	0.9782
61.3	0.9714	0.9751	0.9865	0.9798	0.9737	0.9692	0.9758
61.4	0.9703	0.9721	0.9864	0.9782	0.9712	0.9620	0.9745
61.5	0.9754	0.9772	0.9873	0.9806	0.9764	0.9709	0.9776
61.6	0.9803	0.9826	0.9896	0.9853	0.9813	0.9774	0.9823
61.7	0.9802	0.9818	0.9883	0.9865	0.9807	0.9751	0.9824
61.8	0.9793	0.9785	0.9875	0.9850	0.9785	0.9714	0.9819
61.9	0.9775	0.9777	0.9846	0.9809	0.9766	0.9676	0.9787
62.0	0.9814	0.9826	0.9844	0.9829	0.9821	0.9673	0.9800
62.1	0.9820	0.9769	0.9847	0.9812	0.9759	0.9670	0.9807
62.2	0.9870	0.9806	0.9893	0.9864	0.9799	0.9743	0.9857
62.3	0.9843	0.9793	0.9882	0.9855	0.9789	0.9660	0.9843
62.4	0.9817	0.9733	0.9873	0.9827	0.9730	0.9659	0.9822
62.5	0.9798	0.9710	0.9841	0.9771	0.9696	0.9635	0.9771
62.6	0.9840	0.9735	0.9834	0.9813	0.9728	0.9683	0.9798
62.7	0.9858	0.9725	0.9855	0.9821	0.9726	0.9652	0.9821
62.8	0.9854	0.9728	0.9859	0.9821	0.9743	0.9608	0.9826
62.9	0.9850	0.9688	0.9863	0.9790	0.9694	0.9505	0.9802
63.0	0.9886	0.9725	0.9876	0.9826	0.9738	0.9580	0.9849
63.1	0.9920	0.9783	0.9885	0.9902	0.9813	0.9694	0.9891
63.2	0.9912	0.9743	0.9876	0.9890	0.9781	0.9647	0.9876
63.3	0.9883	0.9672	0.9835	0.9868	0.9718	0.9465	0.9835
63.4	0.9887	0.9626	0.9852	0.9865	0.9668	0.9458	0.9835
63.5	0.9872	0.9558	0.9828	0.9844	0.9603	0.9223	0.9825
63.6	0.9878	0.9504	0.9832	0.9837	0.9550	0.9196	0.9823
63.7	0.9894	0.9603	0.9850	0.9839	0.9606	0.9157	0.9848
63.8	0.9922	0.9720	0.9861	0.9882	0.9729	0.9092	0.9873
63.9	0.9917	0.9727	0.9872	0.9891	0.9737	0.9054	0.9882
64.0	0.9916	0.9704	0.9850	0.9898	0.9714	0.8895	0.9867
64.1	0.9887	0.9725	0.9830	0.9872	0.9711	0.8695	0.9839
64.2	0.9907	0.9748	0.9842	0.9863	0.9712	0.8762	0.9868
64.3	0.9918	0.9803	0.9845	0.9851	0.9780	0.8366	0.9881
64.4	0.9896	0.9722	0.9789	0.9829	0.9727	0.7758	0.9841
64.5	0.9928	0.9801	0.9856	0.9886	0.9809	0.8607	0.9899
64.6	0.9921	0.9840	0.9853	0.9897	0.9834	0.8757	0.9901
64.7	0.9907	0.9806	0.9833	0.9888	0.9799	0.8934	0.9877
64.8	0.9929	0.9817	0.9836	0.9870	0.9804	0.8925	0.9903
64.9	0.9944	0.9829	0.9837	0.9894	0.9820	0.8800	0.9916
65.0	0.9932	0.9869	0.9846	0.9878	0.9861	0.8947	0.9911
65.1	0.9911	0.9843	0.9798	0.9848	0.9835	0.9018	0.9876
65.2	0.9927	0.9855	0.9809	0.9854	0.9847	0.9173	0.9896
65.3	0.9922	0.9843	0.9774	0.9860	0.9837	0.9198	0.9889
65.4	0.9915	0.9841	0.9763	0.9843	0.9834	0.9234	0.9888
65.5	0.9913	0.9876	0.9780	0.9835	0.9862	0.9341	0.9891
65.6	0.9918	0.9835	0.9760	0.9843	0.9828	0.9347	0.9895
65.7	0.9892	0.9837	0.9693	0.9789	0.9832	0.9308	0.9850
65.8	0.9906	0.9891	0.9735	0.9818	0.9882	0.9453	0.9888
65.9	0.9951	0.9888	0.9804	0.9887	0.9877	0.9573	0.9934
66.0	0.9925	0.9857	0.9763	0.9851	0.9853	0.9525	0.9903
66.1	0.9925	0.9892	0.9765	0.9874	0.9889	0.9544	0.9894
66.2	0.9949	0.9933	0.9844	0.9910	0.9934	0.9658	0.9925
66.3	0.9957	0.9944	0.9876	0.9932	0.9947	0.9746	0.9931
66.4	0.9944	0.9928	0.9851	0.9937	0.9929	0.9748	0.9923
66.5	0.9959	0.9937	0.9851	0.9927	0.9934	0.9708	0.9941
66.6	0.9957	0.9924	0.9817	0.9901	0.9920	0.9663	0.9930
66.7	0.9942	0.9917	0.9775	0.9887	0.9913	0.9587	0.9916
66.8	0.9938	0.9932	0.9822	0.9899	0.9925	0.9708	0.9938
66.9	0.9949	0.9951	0.9863	0.9923	0.9949	0.9773	0.9947
67.0	0.9953	0.9950	0.9827	0.9933	0.9948	0.9711	0.9940
67.1	0.9943	0.9951	0.9812	0.9930	0.9951	0.9690	0.9935
67.2	0.9948	0.9947	0.9818	0.9920	0.9947	0.9705	0.9939
67.3	0.9957	0.9952	0.9860	0.9942	0.9952	0.9721	0.9955
67.4	0.9957	0.9952	0.9861	0.9949	0.9954	0.9721	0.9958
67.5	0.9960	0.9955	0.9875	0.9949	0.9956	0.9785	0.9959
67.6	0.9949	0.9948	0.9840	0.9949	0.9948	0.9733	0.9950
67.7	0.9948	0.9940	0.9802	0.9923	0.9940	0.9657	0.9941
67.8	0.9942	0.9937	0.9777	0.9927	0.9942	0.9668	0.9940
67.9	0.9947	0.9954	0.9841	0.9947	0.9955	0.9758	0.9961
68.0	0.9937	0.9958	0.9809	0.9946	0.9958	0.9698	0.9958
68.1	0.9936	0.9951	0.9805	0.9926	0.9951	0.9682	0.9954

68.2	0.9951	0.9957	0.9839	0.9937	0.9959	0.9699	0.9962
68.3	0.9955	0.9967	0.9875	0.9954	0.9966	0.9762	0.9975
68.4	0.9952	0.9957	0.9861	0.9935	0.9955	0.9762	0.9967
68.5	0.9932	0.9949	0.9843	0.9931	0.9949	0.9783	0.9956
68.6	0.9936	0.9955	0.9838	0.9947	0.9957	0.9767	0.9960
68.7	0.9915	0.9949	0.9799	0.9947	0.9950	0.9744	0.9950
68.8	0.9893	0.9938	0.9769	0.9925	0.9938	0.9735	0.9946
68.9	0.9904	0.9947	0.9780	0.9935	0.9947	0.9758	0.9950
69.0	0.9931	0.9958	0.9816	0.9946	0.9960	0.9789	0.9955
69.1	0.9924	0.9952	0.9790	0.9927	0.9951	0.9738	0.9959
69.2	0.9919	0.9949	0.9748	0.9933	0.9947	0.9745	0.9957
69.3	0.9913	0.9960	0.9789	0.9945	0.9959	0.9775	0.9959
69.4	0.9926	0.9960	0.9811	0.9936	0.9953	0.9779	0.9968
69.5	0.9925	0.9957	0.9809	0.9934	0.9953	0.9789	0.9967
69.6	0.9931	0.9956	0.9803	0.9925	0.9956	0.9795	0.9965
69.7	0.9926	0.9951	0.9759	0.9919	0.9948	0.9739	0.9962
69.8	0.9892	0.9944	0.9721	0.9900	0.9942	0.9698	0.9962
69.9	0.9826	0.9914	0.9565	0.9864	0.9902	0.9508	0.9946
70.0	0.9860	0.9927	0.9638	0.9885	0.9920	0.9634	0.9952
70.1	0.9873	0.9929	0.9648	0.9911	0.9923	0.9673	0.9956
70.2	0.9896	0.9935	0.9662	0.9907	0.9930	0.9694	0.9960
70.3	0.9875	0.9936	0.9685	0.9909	0.9927	0.9715	0.9960
70.4	0.9864	0.9931	0.9678	0.9913	0.9917	0.9673	0.9966
70.5	0.9880	0.9934	0.9725	0.9915	0.9918	0.9691	0.9970
70.6	0.9894	0.9935	0.9736	0.9908	0.9919	0.9744	0.9972
70.7	0.9888	0.9933	0.9713	0.9906	0.9912	0.9712	0.9976
70.8	0.9906	0.9942	0.9717	0.9922	0.9922	0.9711	0.9978
70.9	0.9858	0.9929	0.9625	0.9908	0.9898	0.9621	0.9976
71.0	0.9872	0.9922	0.9655	0.9901	0.9893	0.9651	0.9970
71.1	0.9871	0.9928	0.9576	0.9916	0.9893	0.9577	0.9976
71.2	0.9823	0.9913	0.9467	0.9914	0.9867	0.9455	0.9974
71.3	0.9856	0.9933	0.9544	0.9926	0.9901	0.9556	0.9977
71.4	0.9876	0.9938	0.9516	0.9918	0.9908	0.9530	0.9973
71.5	0.9897	0.9937	0.9657	0.9923	0.9914	0.9649	0.9969
71.6	0.9897	0.9926	0.9657	0.9913	0.9900	0.9653	0.9969
71.7	0.9867	0.9930	0.9585	0.9929	0.9894	0.9590	0.9970
71.8	0.9843	0.9918	0.9571	0.9917	0.9874	0.9574	0.9960
71.9	0.9864	0.9921	0.9624	0.9915	0.9877	0.9630	0.9958
72.0	0.9863	0.9921	0.9596	0.9922	0.9876	0.9596	0.9958
72.1	0.9895	0.9934	0.9723	0.9923	0.9908	0.9708	0.9963
72.2	0.9888	0.9929	0.9728	0.9923	0.9905	0.9708	0.9960
72.3	0.9887	0.9936	0.9735	0.9932	0.9907	0.9717	0.9967
72.4	0.9860	0.9932	0.9672	0.9931	0.9885	0.9654	0.9963
72.5	0.9777	0.9894	0.9549	0.9907	0.9817	0.9505	0.9943
72.6	0.9837	0.9918	0.9711	0.9928	0.9868	0.9677	0.9948
72.7	0.9824	0.9918	0.9662	0.9925	0.9867	0.9621	0.9944
72.8	0.9846	0.9926	0.9737	0.9927	0.9881	0.9701	0.9954
72.9	0.9849	0.9933	0.9724	0.9923	0.9884	0.9683	0.9946
73.0	0.9822	0.9921	0.9648	0.9903	0.9862	0.9594	0.9920
73.1	0.9829	0.9912	0.9708	0.9904	0.9858	0.9664	0.9940
73.2	0.9840	0.9934	0.9755	0.9922	0.9886	0.9718	0.9956
73.3	0.9895	0.9957	0.9839	0.9945	0.9926	0.9808	0.9964
73.4	0.9897	0.9952	0.9849	0.9935	0.9916	0.9811	0.9963
73.5	0.9872	0.9954	0.9785	0.9938	0.9908	0.9735	0.9956
73.6	0.9839	0.9933	0.9794	0.9925	0.9871	0.9750	0.9934
73.7	0.9866	0.9944	0.9842	0.9921	0.9899	0.9814	0.9940
73.8	0.9875	0.9937	0.9854	0.9902	0.9890	0.9822	0.9929
73.9	0.9896	0.9936	0.9875	0.9907	0.9910	0.9849	0.9927
74.0	0.9893	0.9942	0.9838	0.9896	0.9915	0.9800	0.9922
74.1	0.9859	0.9929	0.9817	0.9896	0.9884	0.9770	0.9919
74.2	0.9843	0.9919	0.9806	0.9845	0.9879	0.9755	0.9898
74.3	0.9849	0.9949	0.9803	0.9902	0.9902	0.9752	0.9924
74.4	0.9855	0.9933	0.9835	0.9881	0.9888	0.9800	0.9913
74.5	0.9886	0.9940	0.9876	0.9889	0.9902	0.9846	0.9933
74.6	0.9905	0.9938	0.9888	0.9882	0.9907	0.9864	0.9932
74.7	0.9930	0.9953	0.9907	0.9907	0.9934	0.9890	0.9941
74.8	0.9924	0.9951	0.9887	0.9899	0.9929	0.9865	0.9942
74.9	0.9891	0.9925	0.9838	0.9834	0.9886	0.9811	0.9892
75.0	0.9910	0.9950	0.9876	0.9881	0.9912	0.9861	0.9935
75.1	0.9885	0.9934	0.9839	0.9862	0.9891	0.9819	0.9927
75.2	0.9829	0.9889	0.9793	0.9772	0.9813	0.9755	0.9874
75.3	0.9838	0.9890	0.9834	0.9752	0.9809	0.9808	0.9865
75.4	0.9881	0.9920	0.9870	0.9840	0.9877	0.9855	0.9910
75.5	0.9901	0.9911	0.9841	0.9810	0.9875	0.9830	0.9906
75.6	0.9894	0.9923	0.9849	0.9839	0.9865	0.9838	0.9918
75.7	0.9887	0.9917	0.9865	0.9849	0.9847	0.9852	0.9921
75.8	0.9912	0.9932	0.9871	0.9850	0.9882	0.9857	0.9925
75.9	0.9907	0.9904	0.9843	0.9795	0.9867	0.9820	0.9914
76.0	0.9866	0.9917	0.9846	0.9838	0.9855	0.9838	0.9926
76.1	0.9817	0.9907	0.9827	0.9831	0.9841	0.9823	0.9914
76.2	0.9832	0.9901	0.9791	0.9807	0.9837	0.9770	0.9902
76.3	0.9830	0.9887	0.9778	0.9807	0.9801	0.9763	0.9913
76.4	0.9859	0.9879	0.9800	0.9761	0.9776	0.9790	0.9899
76.5	0.9878	0.9911	0.9864	0.9831	0.9822	0.9859	0.9929
76.6	0.9879	0.9928	0.9874	0.9871	0.9860	0.9869	0.9948
76.7	0.9817	0.9913	0.9879	0.9842	0.9823	0.9873	0.9936

76.8	0.9811	0.9922	0.9853	0.9850	0.9822	0.9858	0.9937
76.9	0.9741	0.9883	0.9767	0.9771	0.9750	0.9771	0.9900
77.0	0.9765	0.9880	0.9801	0.9759	0.9727	0.9808	0.9891
77.1	0.9796	0.9910	0.9809	0.9821	0.9759	0.9824	0.9912
77.2	0.9797	0.9900	0.9789	0.9809	0.9768	0.9798	0.9910
77.3	0.9712	0.9839	0.9771	0.9701	0.9607	0.9786	0.9881
77.4	0.9789	0.9884	0.9797	0.9783	0.9700	0.9819	0.9913
77.5	0.9780	0.9924	0.9769	0.9855	0.9815	0.9796	0.9928
77.6	0.9721	0.9910	0.9777	0.9837	0.9798	0.9812	0.9922
77.7	0.9755	0.9905	0.9749	0.9846	0.9787	0.9798	0.9920
77.8	0.9775	0.9909	0.9637	0.9818	0.9760	0.9720	0.9909
77.9	0.9780	0.9916	0.9653	0.9853	0.9801	0.9754	0.9920
78.0	0.9801	0.9925	0.9689	0.9886	0.9815	0.9781	0.9928
78.1	0.9728	0.9900	0.9648	0.9848	0.9775	0.9737	0.9916
78.2	0.9743	0.9880	0.9644	0.9792	0.9764	0.9734	0.9904
78.3	0.9793	0.9893	0.9587	0.9786	0.9780	0.9730	0.9909
78.4	0.9859	0.9918	0.9500	0.9841	0.9856	0.9684	0.9919
78.5	0.9810	0.9879	0.9305	0.9809	0.9794	0.9567	0.9892
78.6	0.9781	0.9856	0.9372	0.9799	0.9779	0.9610	0.9894
78.7	0.9831	0.9872	0.9304	0.9797	0.9800	0.9588	0.9895
78.8	0.9800	0.9872	0.9232	0.9799	0.9778	0.9584	0.9888
78.9	0.9725	0.9850	0.8770	0.9780	0.9717	0.9434	0.9895
79.0	0.9740	0.9845	0.8213	0.9740	0.9727	0.8900	0.9888
79.1	0.9705	0.9864	0.8471	0.9736	0.9707	0.8823	0.9896
79.2	0.9800	0.9901	0.8888	0.9786	0.9799	0.9198	0.9906
79.3	0.9802	0.9855	0.9184	0.9736	0.9759	0.9417	0.9905
79.4	0.9768	0.9854	0.9181	0.9700	0.9703	0.9456	0.9903
79.5	0.9681	0.9793	0.9192	0.9649	0.9635	0.9461	0.9888
79.6	0.9698	0.9766	0.9105	0.9565	0.9635	0.9371	0.9870
79.7	0.9767	0.9817	0.9057	0.9626	0.9732	0.9360	0.9889
79.8	0.9779	0.9812	0.9130	0.9617	0.9746	0.9412	0.9884
79.9	0.9757	0.9777	0.8813	0.9566	0.9698	0.9188	0.9852
80.0	0.9814	0.9809	0.8935	0.9585	0.9740	0.9317	0.9861

2.2.85 Run 8 – VT315 – Accels 1–8

Vertical shaking at 315°. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.2982	0.2931	0.2390	0.2738	0.0993	0.1815	0.0209	0.0357
0.1	0.0448	0.0421	0.0516	0.0408	0.0023	0.0130	0.0050	0.0097
0.2	0.0128	0.0157	0.0227	0.0322	0.0083	0.0127	0.0024	0.0008
0.3	0.0416	0.0604	0.0038	0.0238	0.0378	0.0233	0.0068	0.0355
0.4	0.0085	0.0378	0.0620	0.0100	0.0215	0.0581	0.0483	0.0193
0.5	0.0552	0.0344	0.1259	0.0087	0.0159	0.0271	0.1530	0.0393
0.6	0.1554	0.0014	0.2440	0.0054	0.0099	0.0016	0.0505	0.0060
0.7	0.0802	0.0143	0.2901	0.0202	0.0307	0.0162	0.0405	0.0012
0.8	0.1307	0.0322	0.3914	0.0107	0.0002	0.0007	0.0006	0.0196
0.9	0.1670	0.0770	0.4923	0.0087	0.0113	0.0214	0.0025	0.0176
1.0	0.2442	0.0667	0.5988	0.0277	0.0603	0.0201	0.0488	0.0545
1.1	0.1834	0.0114	0.6831	0.0599	0.0755	0.0219	0.0778	0.0305
1.2	0.2049	0.0077	0.7485	0.0340	0.0381	0.0135	0.0843	0.0135
1.3	0.2341	0.0017	0.7869	0.0222	0.0529	0.0158	0.2739	0.0426
1.4	0.2617	0.0044	0.8390	0.0198	0.0917	0.0518	0.3641	0.0518
1.5	0.1063	0.0084	0.7920	0.0818	0.0232	0.0979	0.4975	0.0625
1.6	0.2415	0.0028	0.8517	0.1747	0.0428	0.2708	0.6718	0.2330
1.7	0.2990	0.0500	0.8587	0.2214	0.0463	0.4474	0.7304	0.3911
1.8	0.2528	0.0275	0.8710	0.2524	0.0487	0.5690	0.7532	0.5765
1.9	0.3241	0.1457	0.8817	0.2065	0.1638	0.6627	0.8247	0.6616
2.0	0.2021	0.3284	0.7492	0.1811	0.1939	0.3969	0.7371	0.4842
2.1	0.3388	0.4021	0.2936	0.3081	0.4366	0.3631	0.8120	0.3743
2.2	0.6177	0.3139	0.0767	0.2866	0.5251	0.3110	0.9064	0.2048
2.3	0.6264	0.1934	0.4232	0.3315	0.2575	0.3021	0.9324	0.2390
2.4	0.6243	0.0328	0.8469	0.3845	0.0994	0.3201	0.9085	0.0911
2.5	0.6849	0.1329	0.9233	0.5226	0.0465	0.4549	0.9292	0.0374
2.6	0.7582	0.2248	0.9705	0.5797	0.3301	0.5720	0.9603	0.2500
2.7	0.7806	0.1670	0.9773	0.5864	0.6988	0.7142	0.9655	0.5442
2.8	0.7997	0.1668	0.9771	0.5450	0.5093	0.6879	0.9591	0.4840
2.9	0.7656	0.1981	0.9815	0.5774	0.2344	0.5639	0.9527	0.4513
3.0	0.7922	0.1811	0.9830	0.6391	0.2887	0.5235	0.9653	0.2760
3.1	0.7685	0.2390	0.9817	0.6721	0.2994	0.3848	0.9699	0.2780
3.2	0.7043	0.3099	0.9698	0.6434	0.1101	0.2798	0.9586	0.2432
3.3	0.7713	0.2622	0.9642	0.6794	0.0563	0.2687	0.9671	0.0761
3.4	0.7197	0.1112	0.9641	0.5897	0.1413	0.3562	0.9451	0.0208
3.5	0.6679	0.0828	0.9633	0.4906	0.1243	0.3258	0.9181	0.0411
3.6	0.5804	0.1163	0.9306	0.3085	0.0648	0.1681	0.8806	0.1106
3.7	0.7356	0.0128	0.9665	0.4641	0.0442	0.1210	0.9414	0.2808
3.8	0.9547	0.1932	0.9954	0.8594	0.2983	0.2879	0.9860	0.5732
3.9	0.9831	0.6727	0.9985	0.9684	0.5582	0.5100	0.9965	0.8224
4.0	0.9882	0.7785	0.9983	0.9809	0.5343	0.2900	0.9964	0.8700
4.1	0.9851	0.7920	0.9985	0.9803	0.4081	0.1579	0.9963	0.8559
4.2	0.9789	0.7276	0.9981	0.9707	0.4062	0.2682	0.9973	0.8061
4.3	0.9789	0.6029	0.9973	0.9549	0.1682	0.2723	0.9962	0.7253
4.4	0.9799	0.5592	0.9969	0.9543	0.1552	0.4789	0.9952	0.6665
4.5	0.9689	0.4930	0.9969	0.9576	0.0657	0.5922	0.9945	0.4809
4.6	0.9593	0.3537	0.9967	0.9381	0.1472	0.5624	0.9949	0.2201
4.7	0.9499	0.3303	0.9940	0.9149	0.0835	0.5973	0.9918	0.1929
4.8	0.9630	0.5259	0.9938	0.9107	0.3106	0.7893	0.9954	0.6608
4.9	0.9591	0.6040	0.9916	0.8978	0.1820	0.7133	0.9844	0.7377
5.0	0.9837	0.4641	0.9945	0.9647	0.1185	0.5069	0.9937	0.6877
5.1	0.9889	0.6200	0.9977	0.9799	0.1687	0.6498	0.9951	0.7540
5.2	0.9854	0.7182	0.9982	0.9759	0.6458	0.5967	0.9953	0.8628
5.3	0.9643	0.4522	0.9964	0.9498	0.4895	0.1492	0.9936	0.7683
5.4	0.9353	0.2786	0.9859	0.8940	0.4314	0.0185	0.9839	0.3615
5.5	0.9652	0.2893	0.9867	0.9339	0.5504	0.0460	0.9873	0.0566
5.6	0.9899	0.3406	0.9972	0.9841	0.7944	0.5542	0.9968	0.6076
5.7	0.9916	0.4394	0.9987	0.9897	0.8223	0.7971	0.9964	0.8650
5.8	0.9959	0.6921	0.9991	0.9930	0.8244	0.9080	0.9973	0.9386
5.9	0.9975	0.7894	0.9994	0.9961	0.8486	0.9224	0.9983	0.9693
6.0	0.9962	0.6174	0.9994	0.9949	0.8637	0.9107	0.9956	0.9847
6.1	0.9974	0.8115	0.9995	0.9966	0.8836	0.9474	0.9962	0.9886
6.2	0.9974	0.9177	0.9994	0.9964	0.9133	0.9391	0.9965	0.9862
6.3	0.9959	0.9325	0.9996	0.9943	0.9435	0.9401	0.9940	0.9853
6.4	0.9958	0.9532	0.9997	0.9949	0.9467	0.9478	0.9943	0.9873
6.5	0.9955	0.9552	0.9997	0.9948	0.9477	0.9411	0.9933	0.9847
6.6	0.9949	0.9603	0.9996	0.9942	0.9520	0.9215	0.9921	0.9831
6.7	0.9896	0.9507	0.9989	0.9880	0.9506	0.9215	0.9845	0.9700
6.8	0.9858	0.9449	0.9961	0.9837	0.9200	0.9250	0.9799	0.9657
6.9	0.9750	0.9279	0.9813	0.9708	0.9147	0.9380	0.9659	0.9524
7.0	0.9420	0.8836	0.9137	0.9353	0.8625	0.9426	0.9264	0.9063
7.1	0.9429	0.9157	0.9313	0.9398	0.8956	0.8212	0.9345	0.9218
7.2	0.9201	0.9110	0.9561	0.9173	0.8857	0.5514	0.9151	0.9112
7.3	0.9312	0.9379	0.9760	0.9322	0.9640	0.7009	0.9333	0.9366
7.4	0.9324	0.9522	0.9836	0.9366	0.9432	0.8139	0.9411	0.9505
7.5	0.9126	0.9620	0.9912	0.9231	0.9575	0.7901	0.9362	0.9553
7.6	0.9638	0.9919	0.9989	0.9711	0.9672	0.8586	0.9793	0.9884
7.7	0.9571	0.9962	0.9997	0.9677	0.9574	0.8632	0.9820	0.9924
7.8	0.9827	0.9983	0.9997	0.9897	0.9488	0.8740	0.9953	0.9971
7.9	0.9889	0.9961	0.9991	0.9927	0.9474	0.8253	0.9968	0.9960

8.0	0.9497	0.9941	0.9990	0.9699	0.9496	0.4281	0.9870	0.9935
8.1	0.9705	0.9974	0.9995	0.9804	0.9394	0.4777	0.9963	0.9968
8.2	0.9711	0.9967	0.9995	0.9810	0.9416	0.3975	0.9971	0.9970
8.3	0.9555	0.9977	0.9996	0.9772	0.9377	0.1799	0.9970	0.9976
8.4	0.9422	0.9967	0.9994	0.9546	0.9373	0.4033	0.9958	0.9969
8.5	0.9698	0.9976	0.9995	0.9549	0.9595	0.7365	0.9973	0.9973
8.6	0.9671	0.9965	0.9992	0.9494	0.9446	0.8435	0.9963	0.9966
8.7	0.9827	0.9962	0.9992	0.9649	0.9581	0.8701	0.9974	0.9958
8.8	0.9905	0.9964	0.9992	0.9774	0.9678	0.9057	0.9979	0.9952
8.9	0.9837	0.9932	0.9983	0.9740	0.9528	0.9017	0.9952	0.9929
9.0	0.9801	0.9819	0.9963	0.9710	0.9425	0.8739	0.9906	0.9776
9.1	0.9789	0.9842	0.9961	0.9682	0.9565	0.9304	0.9759	0.9825
9.2	0.9727	0.9760	0.9931	0.9633	0.9652	0.9464	0.9788	0.9736
9.3	0.9638	0.9642	0.9888	0.9575	0.9618	0.9426	0.9772	0.9623
9.4	0.9329	0.9281	0.9686	0.9273	0.9414	0.9122	0.9724	0.9213
9.5	0.9414	0.9333	0.9613	0.9438	0.9554	0.9331	0.9844	0.9291
9.6	0.9655	0.9645	0.9691	0.9746	0.9677	0.9623	0.9940	0.9613
9.7	0.9710	0.9722	0.9782	0.9787	0.9742	0.9637	0.9952	0.9708
9.8	0.9727	0.9775	0.9873	0.9824	0.9760	0.9586	0.9961	0.9739
9.9	0.9863	0.9897	0.9952	0.9926	0.9815	0.9691	0.9981	0.9893
10.0	0.9772	0.9920	0.9963	0.9927	0.9815	0.9536	0.9978	0.9899
10.1	0.9696	0.9888	0.9975	0.9899	0.9833	0.9339	0.9971	0.9900
10.2	0.9780	0.9906	0.9984	0.9906	0.9837	0.9432	0.9969	0.9924
10.3	0.9881	0.9940	0.9992	0.9933	0.9869	0.9537	0.9977	0.9964
10.4	0.9914	0.9947	0.9993	0.9941	0.9875	0.9539	0.9974	0.9973
10.5	0.9902	0.9942	0.9992	0.9932	0.9872	0.9475	0.9979	0.9968
10.6	0.9816	0.9898	0.9991	0.9889	0.9877	0.9487	0.9973	0.9938
10.7	0.9788	0.9875	0.9992	0.9887	0.9907	0.9544	0.9976	0.9932
10.8	0.9671	0.9865	0.9991	0.9876	0.9899	0.9532	0.9975	0.9932
10.9	0.9634	0.9853	0.9993	0.9800	0.9888	0.9559	0.9981	0.9942
11.0	0.9594	0.9832	0.9988	0.9759	0.9905	0.9558	0.9983	0.9919
11.1	0.9633	0.9709	0.9993	0.9757	0.9916	0.9649	0.9989	0.9928
11.2	0.9696	0.9772	0.9993	0.9705	0.9909	0.9769	0.9986	0.9955
11.3	0.9701	0.9714	0.9994	0.9615	0.9928	0.9796	0.9988	0.9941
11.4	0.9720	0.9605	0.9992	0.9631	0.9935	0.9819	0.9987	0.9939
11.5	0.9793	0.9465	0.9996	0.9395	0.9947	0.9872	0.9990	0.9942
11.6	0.9670	0.9394	0.9990	0.8887	0.9942	0.9862	0.9980	0.9900
11.7	0.9792	0.9391	0.9994	0.8951	0.9942	0.9856	0.9985	0.9926
11.8	0.9843	0.9028	0.9992	0.8414	0.9946	0.9873	0.9980	0.9908
11.9	0.9869	0.8974	0.9993	0.8391	0.9963	0.9862	0.9977	0.9904
12.0	0.9887	0.9158	0.9993	0.8431	0.9955	0.9861	0.9977	0.9878
12.1	0.9888	0.9030	0.9994	0.8452	0.9955	0.9890	0.9970	0.9891
12.2	0.9881	0.8862	0.9991	0.8801	0.9954	0.9875	0.9965	0.9862
12.3	0.9908	0.8945	0.9993	0.8538	0.9957	0.9807	0.9960	0.9844
12.4	0.9912	0.8787	0.9992	0.8719	0.9954	0.9774	0.9954	0.9731
12.5	0.9918	0.8812	0.9991	0.8969	0.9946	0.9716	0.9958	0.9616
12.6	0.9948	0.9180	0.9994	0.9093	0.9962	0.9834	0.9973	0.9562
12.7	0.9946	0.9320	0.9992	0.9086	0.9969	0.9839	0.9976	0.9404
12.8	0.9925	0.9271	0.9993	0.9404	0.9963	0.9849	0.9974	0.9192
12.9	0.9936	0.9329	0.9993	0.9361	0.9968	0.9865	0.9970	0.8729
13.0	0.9903	0.9377	0.9991	0.9395	0.9970	0.9911	0.9963	0.8826
13.1	0.9911	0.9325	0.9990	0.9271	0.9972	0.9920	0.9950	0.8980
13.2	0.9945	0.9348	0.9993	0.9186	0.9977	0.9954	0.9954	0.9326
13.3	0.9924	0.9050	0.9987	0.9207	0.9968	0.9945	0.9917	0.9289
13.4	0.9937	0.9350	0.9990	0.9577	0.9977	0.9961	0.9934	0.9470
13.5	0.9931	0.9500	0.9989	0.9636	0.9971	0.9965	0.9943	0.9364
13.6	0.9932	0.9472	0.9990	0.9670	0.9969	0.9963	0.9939	0.9484
13.7	0.9916	0.9656	0.9991	0.9593	0.9970	0.9970	0.9930	0.9604
13.8	0.9913	0.9700	0.9989	0.9521	0.9968	0.9953	0.9927	0.9435
13.9	0.9899	0.9752	0.9988	0.9573	0.9976	0.9961	0.9910	0.9439
14.0	0.9877	0.9723	0.9982	0.9284	0.9973	0.9964	0.9904	0.9321
14.1	0.9863	0.9791	0.9987	0.9495	0.9966	0.9969	0.9900	0.9337
14.2	0.9878	0.9730	0.9981	0.9438	0.9963	0.9968	0.9882	0.9274
14.3	0.9893	0.9752	0.9978	0.9431	0.9967	0.9972	0.9880	0.9246
14.4	0.9895	0.9798	0.9985	0.9643	0.9976	0.9977	0.9873	0.9720
14.5	0.9860	0.9765	0.9975	0.9555	0.9960	0.9975	0.9720	0.9738
14.6	0.9909	0.9831	0.9977	0.9666	0.9967	0.9978	0.9670	0.9761
14.7	0.9894	0.9870	0.9985	0.9711	0.9970	0.9973	0.9593	0.9715
14.8	0.9838	0.9810	0.9979	0.9658	0.9938	0.9960	0.8467	0.9665
14.9	0.9904	0.9910	0.9981	0.9711	0.9934	0.9952	0.6204	0.9779
15.0	0.9925	0.9855	0.9969	0.9774	0.9921	0.9893	0.5643	0.9766
15.1	0.9867	0.9833	0.9968	0.9844	0.9881	0.9916	0.8143	0.9815
15.2	0.9879	0.9764	0.9950	0.9832	0.9783	0.9929	0.9109	0.9799
15.3	0.9776	0.9602	0.9924	0.9852	0.9626	0.9917	0.9082	0.9757
15.4	0.9738	0.9583	0.9913	0.9835	0.9693	0.9942	0.9369	0.9714
15.5	0.9765	0.9687	0.9927	0.9881	0.9861	0.9948	0.9654	0.9793
15.6	0.9497	0.9433	0.9855	0.9813	0.9759	0.9921	0.9158	0.9756
15.7	0.9256	0.9599	0.9896	0.9856	0.9822	0.9905	0.9552	0.9796
15.8	0.9222	0.9535	0.9859	0.9866	0.9802	0.9873	0.9751	0.9769
15.9	0.9546	0.9571	0.9881	0.9879	0.9865	0.9790	0.9801	0.9745
16.0	0.9783	0.9699	0.9911	0.9897	0.9912	0.9776	0.9762	0.9820
16.1	0.9824	0.9815	0.9958	0.9906	0.9929	0.9799	0.9786	0.9847
16.2	0.9724	0.9765	0.9962	0.9851	0.9920	0.9784	0.9654	0.9802
16.3	0.9732	0.9856	0.9973	0.9876	0.9938	0.9849	0.9675	0.9847
16.4	0.9510	0.9786	0.9942	0.9782	0.9908	0.9730	0.9409	0.9827
16.5	0.9445	0.9731	0.9921	0.9744	0.9870	0.9661	0.9380	0.9766

16.6	0.9474	0.9846	0.9911	0.9864	0.9866	0.9717	0.9355	0.9810
16.7	0.9675	0.9870	0.9917	0.9899	0.9840	0.9743	0.9522	0.9828
16.8	0.9695	0.9798	0.9820	0.9820	0.9738	0.9769	0.9444	0.9817
16.9	0.9790	0.9670	0.9838	0.9752	0.9751	0.9780	0.9517	0.9763
17.0	0.9876	0.9746	0.9901	0.9813	0.9848	0.9781	0.9582	0.9845
17.1	0.9841	0.9832	0.9922	0.9796	0.9795	0.9766	0.8496	0.9844
17.2	0.9857	0.9839	0.9880	0.9905	0.9753	0.9834	0.9006	0.9805
17.3	0.9917	0.9767	0.9884	0.9848	0.9785	0.9911	0.9565	0.9772
17.4	0.9981	0.9852	0.9956	0.9863	0.9883	0.9927	0.9753	0.9861
17.5	0.9972	0.9903	0.9968	0.9848	0.9871	0.9934	0.9566	0.9911
17.6	0.9961	0.9898	0.9952	0.9853	0.9853	0.9957	0.9389	0.9918
17.7	0.9978	0.9874	0.9953	0.9830	0.9836	0.9964	0.9314	0.9900
17.8	0.9984	0.9884	0.9973	0.9851	0.9876	0.9971	0.9428	0.9926
17.9	0.9985	0.9892	0.9976	0.9880	0.9882	0.9976	0.9146	0.9925
18.0	0.9990	0.9896	0.9975	0.9860	0.9878	0.9974	0.9122	0.9938
18.1	0.9991	0.9892	0.9967	0.9820	0.9870	0.9977	0.9090	0.9922
18.2	0.9995	0.9922	0.9978	0.9721	0.9907	0.9985	0.8993	0.9936
18.3	0.9997	0.9941	0.9985	0.9750	0.9923	0.9989	0.9366	0.9960
18.4	0.9996	0.9949	0.9985	0.9653	0.9913	0.9975	0.9093	0.9941
18.5	0.9986	0.9953	0.9989	0.8950	0.9915	0.9968	0.8449	0.9919
18.6	0.9963	0.9876	0.9988	0.7043	0.9878	0.9947	0.7985	0.9893
18.7	0.9979	0.9836	0.9988	0.8825	0.9838	0.9960	0.8611	0.9953
18.8	0.9994	0.9873	0.9986	0.9401	0.9834	0.9965	0.9249	0.9930
18.9	0.9995	0.9910	0.9991	0.9423	0.9863	0.9966	0.9350	0.9934
19.0	0.9997	0.9927	0.9992	0.9417	0.9888	0.9964	0.9550	0.9939
19.1	0.9996	0.9948	0.9991	0.9392	0.9861	0.9958	0.9489	0.9915
19.2	0.9996	0.9952	0.9992	0.9391	0.9813	0.9953	0.9570	0.9915
19.3	0.9997	0.9953	0.9991	0.9465	0.9744	0.9964	0.9542	0.9846
19.4	0.9998	0.9964	0.9994	0.9370	0.9796	0.9955	0.9615	0.9863
19.5	0.9997	0.9960	0.9993	0.9204	0.9754	0.9947	0.9561	0.9782
19.6	0.9995	0.9943	0.9991	0.8826	0.9648	0.9916	0.9161	0.9591
19.7	0.9997	0.9937	0.9993	0.8611	0.9666	0.9918	0.9360	0.9591
19.8	0.9997	0.9953	0.9995	0.8581	0.9752	0.9944	0.9375	0.9719
19.9	0.9996	0.9933	0.9992	0.7128	0.9715	0.9919	0.9125	0.9525
20.0	0.9997	0.9960	0.9995	0.6947	0.9793	0.9916	0.9502	0.9680
20.1	0.9995	0.9963	0.9993	0.6968	0.9834	0.9911	0.9665	0.9657
20.2	0.9995	0.9958	0.9993	0.7219	0.9801	0.9916	0.9731	0.9676
20.3	0.9997	0.9965	0.9995	0.8185	0.9819	0.9936	0.9869	0.9769
20.4	0.9998	0.9973	0.9995	0.8783	0.9816	0.9936	0.9889	0.9800
20.5	0.9997	0.9973	0.9996	0.8851	0.9870	0.9926	0.9875	0.9833
20.6	0.9996	0.9958	0.9994	0.8531	0.9808	0.9894	0.9824	0.9812
20.7	0.9996	0.9952	0.9995	0.8237	0.9745	0.9890	0.9830	0.9781
20.8	0.9996	0.9957	0.9995	0.8492	0.9857	0.9900	0.9874	0.9869
20.9	0.9993	0.9963	0.9995	0.8672	0.9851	0.9849	0.9856	0.9848
21.0	0.9995	0.9968	0.9995	0.8929	0.9834	0.9870	0.9883	0.9870
21.1	0.9996	0.9966	0.9996	0.9297	0.9859	0.9879	0.9909	0.9885
21.2	0.9995	0.9964	0.9996	0.9312	0.9869	0.9851	0.9917	0.9902
21.3	0.9997	0.9968	0.9995	0.9373	0.9911	0.9800	0.9896	0.9924
21.4	0.9998	0.9968	0.9996	0.9416	0.9905	0.9823	0.9891	0.9920
21.5	0.9997	0.9968	0.9996	0.9383	0.9884	0.9790	0.9889	0.9893
21.6	0.9996	0.9949	0.9995	0.9248	0.9872	0.9722	0.9827	0.9908
21.7	0.9996	0.9942	0.9994	0.9285	0.9859	0.9688	0.9806	0.9918
21.8	0.9995	0.9945	0.9994	0.9389	0.9857	0.9683	0.9805	0.9897
21.9	0.9996	0.9950	0.9994	0.9454	0.9887	0.9685	0.9829	0.9924
22.0	0.9997	0.9950	0.9992	0.9426	0.9868	0.9659	0.9867	0.9920
22.1	0.9996	0.9948	0.9992	0.9306	0.9881	0.9600	0.9866	0.9933
22.2	0.9996	0.9941	0.9994	0.9321	0.9862	0.9679	0.9889	0.9947
22.3	0.9996	0.9925	0.9989	0.9199	0.9847	0.9614	0.9866	0.9938
22.4	0.9997	0.9929	0.9993	0.9205	0.9864	0.9690	0.9877	0.9943
22.5	0.9997	0.9904	0.9991	0.9181	0.9875	0.9680	0.9881	0.9963
22.6	0.9997	0.9872	0.9990	0.9290	0.9821	0.9619	0.9883	0.9972
22.7	0.9997	0.9873	0.9991	0.9170	0.9792	0.9700	0.9874	0.9975
22.8	0.9997	0.9867	0.9992	0.9436	0.9730	0.9688	0.9867	0.9975
22.9	0.9997	0.9842	0.9992	0.9227	0.9735	0.9707	0.9802	0.9968
23.0	0.9998	0.9828	0.9993	0.9260	0.9766	0.9762	0.9844	0.9977
23.1	0.9998	0.9801	0.9993	0.9318	0.9686	0.9766	0.9819	0.9983
23.2	0.9998	0.9837	0.9994	0.9220	0.9716	0.9827	0.9852	0.9981
23.3	0.9997	0.9806	0.9994	0.9033	0.9524	0.9795	0.9805	0.9980
23.4	0.9998	0.9788	0.9994	0.9424	0.9508	0.9822	0.9878	0.9978
23.5	0.9998	0.9866	0.9996	0.9542	0.9563	0.9871	0.9895	0.9982
23.6	0.9998	0.9898	0.9996	0.9566	0.9542	0.9873	0.9921	0.9982
23.7	0.9998	0.9893	0.9996	0.9643	0.9455	0.9892	0.9936	0.9984
23.8	0.9997	0.9918	0.9997	0.9569	0.9542	0.9917	0.9937	0.9982
23.9	0.9998	0.9930	0.9998	0.9500	0.9406	0.9921	0.9956	0.9986
24.0	0.9998	0.9922	0.9997	0.9550	0.9225	0.9919	0.9964	0.9988
24.1	0.9997	0.9937	0.9997	0.9678	0.9232	0.9911	0.9954	0.9988
24.2	0.9997	0.9917	0.9997	0.9632	0.9225	0.9913	0.9929	0.9985
24.3	0.9998	0.9903	0.9997	0.9678	0.8775	0.9911	0.9941	0.9985
24.4	0.9998	0.9946	0.9998	0.9793	0.8858	0.9946	0.9953	0.9991
24.5	0.9998	0.9946	0.9998	0.9743	0.8960	0.9936	0.9956	0.9989
24.6	0.9998	0.9931	0.9998	0.9764	0.8713	0.9942	0.9964	0.9988
24.7	0.9997	0.9924	0.9997	0.9760	0.8258	0.9950	0.9955	0.9987
24.8	0.9997	0.9907	0.9996	0.9622	0.8029	0.9940	0.9964	0.9981
24.9	0.9998	0.9930	0.9997	0.9700	0.8183	0.9931	0.9961	0.9982
25.0	0.9998	0.9948	0.9999	0.9798	0.8616	0.9962	0.9977	0.9986
25.1	0.9998	0.9942	0.9998	0.9762	0.8786	0.9953	0.9976	0.9988

25.2	0.9999	0.9947	0.9998	0.9832	0.9225	0.9960	0.9984	0.9991
25.3	0.9999	0.9967	0.9998	0.9877	0.9113	0.9968	0.9987	0.9992
25.4	0.9998	0.9959	0.9996	0.9757	0.8991	0.9945	0.9967	0.9989
25.5	0.9998	0.9959	0.9997	0.9775	0.9084	0.9950	0.9974	0.9987
25.6	0.9997	0.9940	0.9997	0.9756	0.9154	0.9947	0.9966	0.9982
25.7	0.9998	0.9948	0.9996	0.9788	0.9032	0.9947	0.9973	0.9985
25.8	0.9998	0.9942	0.9996	0.9792	0.8780	0.9948	0.9976	0.9987
25.9	0.9998	0.9940	0.9997	0.9820	0.8945	0.9936	0.9976	0.9991
26.0	0.9998	0.9942	0.9996	0.9832	0.9355	0.9944	0.9966	0.9991
26.1	0.9998	0.9916	0.9996	0.9820	0.9396	0.9931	0.9957	0.9989
26.2	0.9997	0.9899	0.9996	0.9751	0.9420	0.9910	0.9940	0.9984
26.3	0.9999	0.9946	0.9997	0.9791	0.9607	0.9946	0.9953	0.9990
26.4	0.9998	0.9937	0.9997	0.9706	0.9556	0.9952	0.9943	0.9989
26.5	0.9998	0.9936	0.9997	0.9644	0.9643	0.9947	0.9948	0.9990
26.6	0.9998	0.9949	0.9998	0.9685	0.9479	0.9931	0.9931	0.9988
26.7	0.9997	0.9926	0.9998	0.9632	0.9337	0.9931	0.9940	0.9988
26.8	0.9998	0.9938	0.9998	0.9723	0.9585	0.9932	0.9972	0.9992
26.9	0.9999	0.9940	0.9998	0.9796	0.9723	0.9906	0.9977	0.9994
27.0	0.9998	0.9935	0.9998	0.9741	0.9632	0.9885	0.9976	0.9993
27.1	0.9998	0.9932	0.9997	0.9720	0.9629	0.9857	0.9968	0.9991
27.2	0.9997	0.9902	0.9996	0.9605	0.9647	0.9830	0.9953	0.9991
27.3	0.9997	0.9879	0.9996	0.9674	0.9647	0.9859	0.9968	0.9991
27.4	0.9998	0.9879	0.9996	0.9759	0.9664	0.9828	0.9969	0.9989
27.5	0.9998	0.9891	0.9997	0.9769	0.9836	0.9903	0.9982	0.9993
27.6	0.9998	0.9865	0.9997	0.9780	0.9863	0.9911	0.9980	0.9993
27.7	0.9998	0.9855	0.9997	0.9793	0.9873	0.9919	0.9982	0.9995
27.8	0.9998	0.9875	0.9997	0.9854	0.9933	0.9926	0.9985	0.9994
27.9	0.9999	0.9881	0.9997	0.9870	0.9935	0.9934	0.9986	0.9995
28.0	0.9998	0.9847	0.9997	0.9845	0.9935	0.9928	0.9983	0.9992
28.1	0.9998	0.9770	0.9997	0.9780	0.9938	0.9933	0.9980	0.9993
28.2	0.9999	0.9690	0.9996	0.9813	0.9927	0.9937	0.9984	0.9994
28.3	0.9999	0.9732	0.9997	0.9862	0.9953	0.9957	0.9995	0.9994
28.4	0.9999	0.9625	0.9997	0.9875	0.9974	0.9962	0.9995	0.9995
28.5	0.9998	0.9441	0.9995	0.9780	0.9953	0.9944	0.9983	0.9993
28.6	0.9998	0.9174	0.9996	0.9801	0.9953	0.9948	0.9986	0.9995
28.7	0.9998	0.8895	0.9997	0.9802	0.9965	0.9955	0.9987	0.9994
28.8	0.9998	0.8897	0.9997	0.9831	0.9972	0.9959	0.9991	0.9993
28.9	0.9998	0.8591	0.9997	0.9843	0.9969	0.9971	0.9988	0.9994
29.0	0.9998	0.7362	0.9997	0.9819	0.9977	0.9955	0.9986	0.9993
29.1	0.9998	0.6552	0.9997	0.9765	0.9973	0.9957	0.9984	0.9991
29.2	0.9998	0.5822	0.9996	0.9828	0.9968	0.9949	0.9983	0.9991
29.3	0.9998	0.3172	0.9998	0.9815	0.9975	0.9959	0.9985	0.9993
29.4	0.9998	0.1068	0.9997	0.9832	0.9983	0.9957	0.9983	0.9994
29.5	0.9998	0.0461	0.9997	0.9832	0.9978	0.9956	0.9987	0.9994
29.6	0.9999	0.0063	0.9998	0.9826	0.9980	0.9964	0.9989	0.9994
29.7	0.9998	0.0372	0.9997	0.9798	0.9982	0.9962	0.9986	0.9993
29.8	0.9998	0.1350	0.9998	0.9854	0.9982	0.9965	0.9983	0.9994
29.9	0.9990	0.0826	0.9997	0.9718	0.9959	0.9949	0.9871	0.9986
30.0	0.9993	0.2578	0.9997	0.9768	0.9968	0.9939	0.9920	0.9987
30.1	0.9999	0.4121	0.9998	0.9848	0.9984	0.9953	0.9987	0.9991
30.2	0.9998	0.3983	0.9997	0.9785	0.9981	0.9937	0.9985	0.9988
30.3	0.9999	0.4094	0.9996	0.9710	0.9977	0.9932	0.9982	0.9986
30.4	0.9999	0.4929	0.9997	0.9709	0.9970	0.9930	0.9985	0.9988
30.5	0.9998	0.3645	0.9997	0.9646	0.9957	0.9924	0.9974	0.9989
30.6	0.9998	0.4044	0.9996	0.9540	0.9961	0.9902	0.9972	0.9988
30.7	0.9998	0.5674	0.9997	0.9656	0.9963	0.9879	0.9970	0.9987
30.8	0.9998	0.6296	0.9997	0.9704	0.9970	0.9912	0.9975	0.9990
30.9	0.9998	0.6731	0.9997	0.9705	0.9972	0.9876	0.9982	0.9989
31.0	0.9997	0.5570	0.9996	0.9571	0.9959	0.9772	0.9971	0.9983
31.1	0.9998	0.6786	0.9996	0.9578	0.9947	0.9784	0.9960	0.9983
31.2	0.9998	0.6598	0.9995	0.9529	0.9935	0.9793	0.9951	0.9983
31.3	0.9998	0.7270	0.9996	0.9443	0.9962	0.9845	0.9971	0.9988
31.4	0.9998	0.7426	0.9997	0.9487	0.9964	0.9825	0.9974	0.9987
31.5	0.9998	0.6597	0.9996	0.9281	0.9960	0.9819	0.9967	0.9989
31.6	0.9997	0.7006	0.9995	0.9094	0.9950	0.9796	0.9956	0.9984
31.7	0.9998	0.7578	0.9996	0.9511	0.9956	0.9787	0.9961	0.9982
31.8	0.9998	0.7859	0.9997	0.9533	0.9959	0.9812	0.9966	0.9986
31.9	0.9998	0.7793	0.9997	0.9274	0.9953	0.9756	0.9963	0.9984
32.0	0.9998	0.6928	0.9995	0.9084	0.9938	0.9677	0.9954	0.9975
32.1	0.9998	0.6908	0.9996	0.9003	0.9929	0.9716	0.9945	0.9975
32.2	0.9997	0.6407	0.9996	0.8852	0.9934	0.9768	0.9926	0.9979
32.3	0.9997	0.6315	0.9995	0.8917	0.9944	0.9698	0.9934	0.9979
32.4	0.9998	0.7178	0.9996	0.9216	0.9957	0.9768	0.9941	0.9980
32.5	0.9997	0.6688	0.9997	0.9218	0.9953	0.9723	0.9944	0.9980
32.6	0.9997	0.7288	0.9996	0.9192	0.9952	0.9791	0.9955	0.9977
32.7	0.9997	0.7719	0.9995	0.9217	0.9965	0.9812	0.9959	0.9981
32.8	0.9997	0.6912	0.9996	0.9261	0.9959	0.9826	0.9950	0.9984
32.9	0.9995	0.5511	0.9995	0.9237	0.9915	0.9781	0.9912	0.9971
33.0	0.9996	0.5699	0.9993	0.9219	0.9903	0.9775	0.9925	0.9964
33.1	0.9995	0.5452	0.9994	0.9373	0.9911	0.9798	0.9919	0.9960
33.2	0.9997	0.5621	0.9995	0.9601	0.9943	0.9897	0.9956	0.9967
33.3	0.9997	0.5554	0.9996	0.9646	0.9933	0.9891	0.9954	0.9970
33.4	0.9997	0.5996	0.9996	0.9661	0.9958	0.9869	0.9974	0.9971
33.5	0.9996	0.5794	0.9996	0.9648	0.9952	0.9846	0.9968	0.9963
33.6	0.9997	0.3916	0.9995	0.9525	0.9960	0.9857	0.9972	0.9969
33.7	0.9995	0.1310	0.9992	0.9260	0.9945	0.9823	0.9959	0.9952

33.8	0.9994	0.1519	0.9989	0.9163	0.9929	0.9810	0.9966	0.9932
33.9	0.9995	0.2632	0.9992	0.9445	0.9938	0.9839	0.9965	0.9950
34.0	0.9992	0.2523	0.9993	0.9285	0.9940	0.9849	0.9949	0.9937
34.1	0.9990	0.1596	0.9991	0.9083	0.9920	0.9804	0.9931	0.9908
34.2	0.9991	0.1539	0.9993	0.9174	0.9907	0.9805	0.9934	0.9905
34.3	0.9992	0.3580	0.9994	0.9080	0.9931	0.9886	0.9934	0.9922
34.4	0.9994	0.3861	0.9995	0.9361	0.9959	0.9934	0.9955	0.9950
34.5	0.9993	0.4151	0.9995	0.9371	0.9958	0.9947	0.9943	0.9953
34.6	0.9994	0.4470	0.9994	0.9405	0.9965	0.9941	0.9944	0.9956
34.7	0.9995	0.3998	0.9993	0.9413	0.9976	0.9935	0.9958	0.9965
34.8	0.9995	0.3255	0.9993	0.9465	0.9970	0.9925	0.9953	0.9963
34.9	0.9996	0.3372	0.9995	0.9563	0.9977	0.9936	0.9963	0.9971
35.0	0.9996	0.4062	0.9996	0.9616	0.9980	0.9952	0.9967	0.9977
35.1	0.9996	0.3281	0.9992	0.9531	0.9961	0.9942	0.9956	0.9964
35.2	0.9997	0.2823	0.9995	0.9604	0.9976	0.9962	0.9963	0.9967
35.3	0.9997	0.2702	0.9994	0.9614	0.9976	0.9962	0.9960	0.9962
35.4	0.9997	0.1176	0.9994	0.9713	0.9977	0.9958	0.9967	0.9967
35.5	0.9997	0.1356	0.9994	0.9756	0.9981	0.9971	0.9971	0.9970
35.6	0.9997	0.2654	0.9994	0.9826	0.9985	0.9980	0.9977	0.9977
35.7	0.9996	0.2171	0.9993	0.9741	0.9979	0.9967	0.9967	0.9962
35.8	0.9997	0.2726	0.9994	0.9808	0.9979	0.9969	0.9974	0.9969
35.9	0.9997	0.2062	0.9993	0.9822	0.9974	0.9963	0.9972	0.9969
36.0	0.9998	0.2074	0.9993	0.9812	0.9981	0.9969	0.9978	0.9970
36.1	0.9998	0.2698	0.9994	0.9812	0.9981	0.9978	0.9979	0.9969
36.2	0.9998	0.3279	0.9995	0.9842	0.9980	0.9970	0.9978	0.9969
36.3	0.9998	0.4303	0.9996	0.9900	0.9982	0.9974	0.9985	0.9979
36.4	0.9998	0.4520	0.9993	0.9867	0.9986	0.9975	0.9987	0.9982
36.5	0.9998	0.5217	0.9994	0.9882	0.9980	0.9968	0.9985	0.9981
36.6	0.9998	0.5564	0.9996	0.9930	0.9983	0.9980	0.9987	0.9978
36.7	0.9998	0.5716	0.9996	0.9933	0.9984	0.9975	0.9987	0.9982
36.8	0.9999	0.6222	0.9995	0.9954	0.9983	0.9970	0.9991	0.9985
36.9	0.9998	0.5047	0.9993	0.9902	0.9977	0.9964	0.9988	0.9978
37.0	0.9998	0.5353	0.9994	0.9908	0.9982	0.9959	0.9989	0.9979
37.1	0.9998	0.5668	0.9995	0.9933	0.9981	0.9965	0.9988	0.9971
37.2	0.9997	0.6641	0.9993	0.9913	0.9972	0.9954	0.9985	0.9967
37.3	0.9998	0.7177	0.9995	0.9917	0.9971	0.9944	0.9987	0.9971
37.4	0.9998	0.8114	0.9996	0.9953	0.9980	0.9953	0.9988	0.9981
37.5	0.9997	0.8256	0.9996	0.9954	0.9984	0.9952	0.9989	0.9986
37.6	0.9997	0.8295	0.9995	0.9946	0.9981	0.9942	0.9987	0.9982
37.7	0.9997	0.8144	0.9994	0.9945	0.9966	0.9887	0.9980	0.9969
37.8	0.9997	0.8822	0.9994	0.9959	0.9974	0.9911	0.9983	0.9976
37.9	0.9997	0.8575	0.9990	0.9944	0.9969	0.9846	0.9980	0.9972
38.0	0.9997	0.8578	0.9991	0.9950	0.9976	0.9870	0.9983	0.9973
38.1	0.9997	0.8703	0.9993	0.9949	0.9972	0.9845	0.9979	0.9969
38.2	0.9997	0.8956	0.9995	0.9952	0.9978	0.9838	0.9982	0.9975
38.3	0.9997	0.8904	0.9993	0.9955	0.9985	0.9794	0.9985	0.9979
38.4	0.9997	0.8880	0.9992	0.9950	0.9980	0.9705	0.9988	0.9972
38.5	0.9997	0.9371	0.9994	0.9970	0.9985	0.9743	0.9990	0.9975
38.6	0.9998	0.9388	0.9995	0.9974	0.9982	0.9728	0.9992	0.9976
38.7	0.9998	0.9539	0.9996	0.9979	0.9985	0.9756	0.9991	0.9976
38.8	0.9998	0.9510	0.9994	0.9968	0.9982	0.9549	0.9989	0.9972
38.9	0.9997	0.9420	0.9993	0.9958	0.9980	0.9171	0.9985	0.9959
39.0	0.9997	0.9510	0.9993	0.9964	0.9982	0.8904	0.9987	0.9967
39.1	0.9997	0.9559	0.9996	0.9966	0.9988	0.8911	0.9992	0.9977
39.2	0.9997	0.9439	0.9993	0.9953	0.9981	0.7817	0.9990	0.9962
39.3	0.9997	0.9452	0.9993	0.9950	0.9985	0.7252	0.9989	0.9968
39.4	0.9995	0.9521	0.9992	0.9943	0.9976	0.6394	0.9983	0.9948
39.5	0.9996	0.9604	0.9992	0.9941	0.9979	0.6745	0.9987	0.9952
39.6	0.9994	0.9580	0.9995	0.9927	0.9976	0.7638	0.9981	0.9950
39.7	0.9993	0.9365	0.9994	0.9906	0.9975	0.8032	0.9982	0.9948
39.8	0.9994	0.9536	0.9992	0.9922	0.9980	0.9310	0.9981	0.9954
39.9	0.9994	0.9606	0.9989	0.9925	0.9978	0.9530	0.9978	0.9950
40.0	0.9996	0.9609	0.9992	0.9945	0.9978	0.9569	0.9987	0.9950
40.1	0.9994	0.9525	0.9993	0.9921	0.9979	0.9761	0.9982	0.9947
40.2	0.9992	0.9391	0.9990	0.9880	0.9973	0.9749	0.9976	0.9926
40.3	0.9992	0.9501	0.9989	0.9862	0.9971	0.9746	0.9970	0.9922
40.4	0.9993	0.9489	0.9990	0.9844	0.9971	0.9824	0.9965	0.9917
40.5	0.9992	0.9420	0.9992	0.9784	0.9973	0.9892	0.9954	0.9915
40.6	0.9993	0.9517	0.9992	0.9812	0.9979	0.9908	0.9957	0.9933
40.7	0.9991	0.9460	0.9988	0.9792	0.9972	0.9845	0.9945	0.9896
40.8	0.9985	0.9452	0.9984	0.9715	0.9958	0.9812	0.9909	0.9864
40.9	0.9988	0.9607	0.9988	0.9771	0.9960	0.9905	0.9917	0.9861
41.0	0.9982	0.9443	0.9982	0.9663	0.9952	0.9883	0.9894	0.9808
41.1	0.9988	0.9578	0.9991	0.9803	0.9973	0.9913	0.9929	0.9872
41.2	0.9989	0.9511	0.9991	0.9786	0.9968	0.9905	0.9924	0.9858
41.3	0.9988	0.9391	0.9986	0.9785	0.9962	0.9900	0.9913	0.9810
41.4	0.9988	0.9500	0.9987	0.9724	0.9960	0.9889	0.9872	0.9781
41.5	0.9987	0.9511	0.9989	0.9760	0.9962	0.9896	0.9883	0.9785
41.6	0.9985	0.9478	0.9984	0.9707	0.9970	0.9924	0.9869	0.9822
41.7	0.9987	0.9377	0.9983	0.9648	0.9959	0.9891	0.9872	0.9789
41.8	0.9982	0.9374	0.9983	0.9605	0.9921	0.9858	0.9820	0.9565
41.9	0.9986	0.9358	0.9984	0.9744	0.9943	0.9901	0.9861	0.9660
42.0	0.9989	0.9538	0.9985	0.9805	0.9952	0.9855	0.9887	0.9713
42.1	0.9987	0.9513	0.9982	0.9759	0.9943	0.9878	0.9861	0.9639
42.2	0.9986	0.9412	0.9978	0.9739	0.9927	0.9807	0.9854	0.9506
42.3	0.9988	0.9467	0.9984	0.9763	0.9944	0.9823	0.9866	0.9582

42.4	0.9984	0.9366	0.9983	0.9656	0.9914	0.9828	0.9799	0.9477
42.5	0.9977	0.9068	0.9974	0.9495	0.9865	0.9715	0.9737	0.9244
42.6	0.9984	0.9188	0.9977	0.9596	0.9894	0.9778	0.9805	0.9393
42.7	0.9983	0.9049	0.9972	0.9611	0.9896	0.9790	0.9798	0.9399
42.8	0.9985	0.9266	0.9978	0.9729	0.9916	0.9828	0.9832	0.9569
42.9	0.9985	0.9267	0.9980	0.9685	0.9910	0.9814	0.9829	0.9535
43.0	0.9976	0.8832	0.9964	0.9566	0.9875	0.9752	0.9751	0.9366
43.1	0.9979	0.9026	0.9969	0.9540	0.9865	0.9768	0.9746	0.9308
43.2	0.9981	0.9215	0.9980	0.9593	0.9890	0.9804	0.9783	0.9334
43.3	0.9984	0.9166	0.9981	0.9652	0.9902	0.9797	0.9825	0.9349
43.4	0.9989	0.9136	0.9978	0.9714	0.9928	0.9861	0.9882	0.9560
43.5	0.9984	0.8999	0.9974	0.9626	0.9919	0.9872	0.9839	0.9486
43.6	0.9984	0.9138	0.9978	0.9638	0.9919	0.9885	0.9814	0.9456
43.7	0.9985	0.9125	0.9981	0.9641	0.9924	0.9854	0.9822	0.9506
43.8	0.9981	0.9159	0.9982	0.9635	0.9906	0.9829	0.9807	0.9465
43.9	0.9980	0.9091	0.9977	0.9690	0.9922	0.9793	0.9850	0.9468
44.0	0.9975	0.9186	0.9971	0.9681	0.9896	0.9705	0.9799	0.9261
44.1	0.9973	0.9040	0.9968	0.9649	0.9872	0.9600	0.9767	0.9104
44.2	0.9978	0.8528	0.9958	0.9625	0.9877	0.9423	0.9793	0.9111
44.3	0.9972	0.8488	0.9952	0.9546	0.9860	0.9213	0.9746	0.9029
44.4	0.9973	0.8607	0.9947	0.9569	0.9890	0.9179	0.9782	0.9080
44.5	0.9975	0.8309	0.9935	0.9582	0.9895	0.9289	0.9785	0.9183
44.6	0.9967	0.8100	0.9942	0.9391	0.9837	0.8758	0.9697	0.8803
44.7	0.9975	0.8595	0.9956	0.9481	0.9878	0.8883	0.9730	0.8984
44.8	0.9981	0.8990	0.9959	0.9500	0.9902	0.9198	0.9748	0.9284
44.9	0.9971	0.8226	0.9947	0.9117	0.9819	0.8154	0.9569	0.8815
45.0	0.9968	0.8284	0.9939	0.9200	0.9824	0.7925	0.9564	0.8888
45.1	0.9977	0.8874	0.9962	0.9372	0.9865	0.8127	0.9665	0.9112
45.2	0.9979	0.8514	0.9945	0.9224	0.9873	0.8048	0.9707	0.9093
45.3	0.9981	0.8669	0.9950	0.9390	0.9889	0.7365	0.9746	0.9131
45.4	0.9985	0.8653	0.9960	0.9483	0.9924	0.6814	0.9794	0.9429
45.5	0.9985	0.8939	0.9964	0.9460	0.9925	0.6698	0.9789	0.9518
45.6	0.9985	0.9073	0.9966	0.9430	0.9914	0.6196	0.9766	0.9361
45.7	0.9985	0.8813	0.9951	0.9262	0.9917	0.5374	0.9761	0.9370
45.8	0.9985	0.9158	0.9956	0.9313	0.9920	0.5093	0.9783	0.9441
45.9	0.9989	0.8990	0.9958	0.9456	0.9933	0.5541	0.9835	0.9564
46.0	0.9990	0.8570	0.9948	0.9526	0.9930	0.5698	0.9818	0.9600
46.1	0.9986	0.8267	0.9934	0.9223	0.9895	0.3505	0.9738	0.9407
46.2	0.9990	0.8379	0.9926	0.9235	0.9915	0.2338	0.9796	0.9564
46.3	0.9994	0.8408	0.9944	0.9293	0.9948	0.3752	0.9871	0.9707
46.4	0.9994	0.8323	0.9942	0.9466	0.9957	0.4407	0.9895	0.9806
46.5	0.9993	0.8446	0.9940	0.9508	0.9957	0.3679	0.9896	0.9755
46.6	0.9992	0.8502	0.9938	0.9432	0.9956	0.1452	0.9891	0.9748
46.7	0.9993	0.8385	0.9941	0.9356	0.9965	0.0304	0.9913	0.9816
46.8	0.9994	0.8148	0.9935	0.9388	0.9968	0.0368	0.9917	0.9840
46.9	0.9994	0.8698	0.9931	0.9481	0.9961	0.1859	0.9910	0.9816
47.0	0.9995	0.8703	0.9931	0.9478	0.9973	0.2111	0.9929	0.9867
47.1	0.9996	0.8935	0.9928	0.9515	0.9979	0.3298	0.9951	0.9887
47.2	0.9995	0.8821	0.9937	0.9465	0.9977	0.4040	0.9944	0.9881
47.3	0.9996	0.8887	0.9944	0.9493	0.9964	0.3105	0.9942	0.9882
47.4	0.9996	0.8881	0.9930	0.9364	0.9968	0.1550	0.9959	0.9877
47.5	0.9996	0.8764	0.9917	0.9334	0.9972	0.4880	0.9958	0.9888
47.6	0.9995	0.8304	0.9876	0.9289	0.9965	0.6375	0.9946	0.9861
47.7	0.9994	0.8336	0.9845	0.9307	0.9962	0.5246	0.9948	0.9890
47.8	0.9995	0.8484	0.9873	0.9337	0.9966	0.5918	0.9960	0.9870
47.9	0.9993	0.8425	0.9856	0.9233	0.9963	0.4428	0.9944	0.9832
48.0	0.9996	0.8751	0.9912	0.9217	0.9970	0.4747	0.9947	0.9842
48.1	0.9997	0.9158	0.9912	0.9417	0.9975	0.5281	0.9966	0.9891
48.2	0.9997	0.8877	0.9902	0.9230	0.9973	0.3591	0.9975	0.9904
48.3	0.9996	0.8255	0.9888	0.8928	0.9967	0.0842	0.9968	0.9881
48.4	0.9996	0.8476	0.9854	0.8771	0.9962	0.0226	0.9958	0.9842
48.5	0.9996	0.8459	0.9833	0.9195	0.9973	0.0556	0.9974	0.9896
48.6	0.9994	0.8259	0.9791	0.9013	0.9968	0.3218	0.9975	0.9927
48.7	0.9994	0.8802	0.9790	0.9027	0.9965	0.4589	0.9963	0.9900
48.8	0.9996	0.8811	0.9885	0.9195	0.9969	0.2961	0.9970	0.9926
48.9	0.9994	0.8343	0.9880	0.9053	0.9964	0.0671	0.9972	0.9860
49.0	0.9993	0.8330	0.9846	0.8859	0.9954	0.0675	0.9970	0.9828
49.1	0.9995	0.8774	0.9878	0.9037	0.9966	0.0650	0.9967	0.9817
49.2	0.9994	0.8588	0.9833	0.8970	0.9951	0.2109	0.9958	0.9785
49.3	0.9995	0.8737	0.9867	0.9155	0.9962	0.1641	0.9973	0.9856
49.4	0.9995	0.8752	0.9847	0.9242	0.9955	0.0659	0.9976	0.9828
49.5	0.9991	0.8290	0.9777	0.8900	0.9934	0.1034	0.9960	0.9794
49.6	0.9994	0.8656	0.9805	0.9171	0.9949	0.4561	0.9965	0.9855
49.7	0.9995	0.8626	0.9841	0.9246	0.9946	0.5801	0.9979	0.9890
49.8	0.9993	0.8644	0.9797	0.9197	0.9950	0.3394	0.9971	0.9791
49.9	0.9992	0.8348	0.9745	0.9028	0.9911	0.2551	0.9955	0.9593
50.0	0.9994	0.8410	0.9793	0.9019	0.9926	0.5533	0.9970	0.9774
50.1	0.9995	0.8440	0.9800	0.9369	0.9930	0.6054	0.9970	0.9836
50.2	0.9993	0.8316	0.9632	0.9222	0.9909	0.5646	0.9953	0.9796
50.3	0.9992	0.8552	0.9722	0.9250	0.9899	0.5976	0.9957	0.9750
50.4	0.9990	0.8580	0.9668	0.9216	0.9903	0.6420	0.9956	0.9704
50.5	0.9991	0.8316	0.9665	0.9187	0.9892	0.6312	0.9943	0.9700
50.6	0.9991	0.8456	0.9646	0.9231	0.9881	0.7701	0.9944	0.9654
50.7	0.9987	0.7847	0.9447	0.9077	0.9800	0.8047	0.9933	0.9499
50.8	0.9993	0.8752	0.9579	0.9382	0.9893	0.8605	0.9955	0.9589
50.9	0.9993	0.9021	0.9716	0.9428	0.9908	0.8797	0.9957	0.9599

51.0	0.9992	0.8436	0.9535	0.9475	0.9816	0.8369	0.9935	0.9125
51.1	0.9988	0.7710	0.9182	0.9141	0.9750	0.6627	0.9916	0.9033
51.2	0.9990	0.8695	0.9437	0.9351	0.9877	0.7947	0.9957	0.9220
51.3	0.9990	0.8403	0.9285	0.9409	0.9867	0.8265	0.9950	0.8313
51.4	0.9993	0.8775	0.9402	0.9480	0.9851	0.9163	0.9950	0.9441
51.5	0.9991	0.8924	0.9388	0.9433	0.9799	0.8759	0.9939	0.9631
51.6	0.9988	0.9000	0.9181	0.9388	0.9700	0.8037	0.9905	0.9579
51.7	0.9989	0.9307	0.9191	0.9436	0.9809	0.8809	0.9942	0.9413
51.8	0.9991	0.9272	0.9305	0.9466	0.9830	0.9139	0.9946	0.9429
51.9	0.9990	0.9274	0.9272	0.9437	0.9836	0.9167	0.9953	0.9304
52.0	0.9992	0.9350	0.9214	0.9551	0.9858	0.9176	0.9949	0.9316
52.1	0.9990	0.8929	0.8904	0.9536	0.9773	0.9085	0.9935	0.9572
52.2	0.9992	0.9173	0.9367	0.9577	0.9798	0.9182	0.9951	0.9560
52.3	0.9989	0.9327	0.9112	0.9601	0.9822	0.9128	0.9949	0.8966
52.4	0.9988	0.9109	0.8751	0.9574	0.9725	0.9207	0.9922	0.8497
52.5	0.9994	0.9405	0.9280	0.9696	0.9802	0.9577	0.9944	0.8712
52.6	0.9994	0.9518	0.9346	0.9741	0.9860	0.9602	0.9960	0.6953
52.7	0.9994	0.9364	0.9072	0.9709	0.9779	0.9497	0.9948	0.5543
52.8	0.9991	0.9166	0.8596	0.9644	0.9690	0.9494	0.9939	0.7701
52.9	0.9988	0.9288	0.8289	0.9593	0.9595	0.9356	0.9924	0.6803
53.0	0.9987	0.9474	0.7646	0.9659	0.9539	0.9439	0.9928	0.8518
53.1	0.9990	0.9443	0.7762	0.9659	0.9681	0.9453	0.9941	0.8264
53.2	0.9990	0.9464	0.8274	0.9594	0.9681	0.9316	0.9929	0.6410
53.3	0.9992	0.9480	0.8276	0.9737	0.9598	0.9321	0.9937	0.5040
53.4	0.9989	0.9544	0.8323	0.9747	0.9637	0.9361	0.9947	0.5741
53.5	0.9993	0.9641	0.8675	0.9769	0.9692	0.9340	0.9947	0.6723
53.6	0.9989	0.9505	0.7908	0.9598	0.9662	0.9357	0.9940	0.6784
53.7	0.9988	0.9482	0.7140	0.9660	0.9720	0.9424	0.9941	0.5371
53.8	0.9990	0.9645	0.7767	0.9758	0.9713	0.9448	0.9948	0.7029
53.9	0.9989	0.9728	0.8056	0.9739	0.9686	0.9451	0.9950	0.6980
54.0	0.9992	0.9784	0.8514	0.9783	0.9772	0.9673	0.9969	0.3944
54.1	0.9991	0.9639	0.8143	0.9671	0.9743	0.9447	0.9962	0.4914
54.2	0.9990	0.9702	0.8024	0.9705	0.9711	0.9266	0.9966	0.7054
54.3	0.9992	0.9747	0.8392	0.9737	0.9707	0.9322	0.9964	0.6865
54.4	0.9988	0.9615	0.8165	0.9505	0.9475	0.8942	0.9923	0.5972
54.5	0.9991	0.9694	0.8974	0.9655	0.9674	0.9325	0.9957	0.7588
54.6	0.9996	0.9809	0.9472	0.9796	0.9830	0.9484	0.9978	0.8633
54.7	0.9995	0.9855	0.9262	0.9819	0.9832	0.9430	0.9981	0.8771
54.8	0.9993	0.9780	0.8635	0.9828	0.9802	0.9300	0.9977	0.8715
54.9	0.9994	0.9806	0.8881	0.9832	0.9704	0.9303	0.9967	0.8592
55.0	0.9994	0.9827	0.9032	0.9773	0.9691	0.9393	0.9963	0.8936
55.1	0.9992	0.9869	0.9007	0.9810	0.9737	0.9483	0.9968	0.9134
55.2	0.9991	0.9864	0.8857	0.9804	0.9747	0.9585	0.9972	0.8845
55.3	0.9991	0.9820	0.8826	0.9827	0.9741	0.9629	0.9973	0.8891
55.4	0.9990	0.9833	0.8628	0.9827	0.9782	0.9559	0.9974	0.9148
55.5	0.9990	0.9810	0.8213	0.9737	0.9750	0.9432	0.9971	0.9005
55.6	0.9990	0.9833	0.8516	0.9773	0.9716	0.9522	0.9977	0.9223
55.7	0.9990	0.9869	0.8739	0.9849	0.9608	0.9577	0.9980	0.9309
55.8	0.9991	0.9874	0.8993	0.9826	0.9566	0.9615	0.9977	0.9313
55.9	0.9989	0.9861	0.8914	0.9745	0.9469	0.9623	0.9974	0.9329
56.0	0.9988	0.9810	0.8454	0.9700	0.9423	0.9433	0.9968	0.9357
56.1	0.9989	0.9786	0.8071	0.9725	0.9444	0.9126	0.9967	0.9346
56.2	0.9990	0.9822	0.8545	0.9770	0.9370	0.9523	0.9973	0.9411
56.3	0.9993	0.9899	0.9238	0.9854	0.9509	0.9773	0.9981	0.9583
56.4	0.9992	0.9843	0.8902	0.9821	0.9408	0.9638	0.9976	0.9569
56.5	0.9991	0.9886	0.8984	0.9831	0.9562	0.9637	0.9979	0.9568
56.6	0.9990	0.9904	0.9271	0.9789	0.9545	0.9717	0.9985	0.9624
56.7	0.9993	0.9889	0.9216	0.9770	0.9516	0.9785	0.9984	0.9635
56.8	0.9993	0.9877	0.9056	0.9812	0.9475	0.9828	0.9979	0.9564
56.9	0.9993	0.9894	0.9135	0.9831	0.9489	0.9870	0.9980	0.9514
57.0	0.9993	0.9903	0.9318	0.9836	0.9536	0.9889	0.9986	0.9525
57.1	0.9990	0.9902	0.9069	0.9810	0.9148	0.9763	0.9982	0.9390
57.2	0.9990	0.9882	0.8928	0.9779	0.9019	0.9542	0.9973	0.9398
57.3	0.9993	0.9926	0.9153	0.9865	0.8915	0.9814	0.9977	0.9599
57.4	0.9993	0.9928	0.9159	0.9875	0.8692	0.9850	0.9982	0.9512
57.5	0.9995	0.9938	0.9328	0.9898	0.9101	0.9881	0.9984	0.9377
57.6	0.9989	0.9869	0.8835	0.9804	0.8108	0.9764	0.9970	0.8766
57.7	0.9989	0.9818	0.8826	0.9731	0.7657	0.9720	0.9963	0.8881
57.8	0.9991	0.9864	0.9237	0.9770	0.8110	0.9809	0.9978	0.9133
57.9	0.9991	0.9909	0.9386	0.9822	0.8175	0.9797	0.9980	0.9394
58.0	0.9990	0.9886	0.9303	0.9824	0.8348	0.9783	0.9975	0.9266
58.1	0.9990	0.9865	0.9259	0.9820	0.7924	0.9825	0.9971	0.9274
58.2	0.9990	0.9879	0.9458	0.9855	0.8004	0.9876	0.9983	0.9567
58.3	0.9989	0.9896	0.9454	0.9846	0.7776	0.9837	0.9984	0.9489
58.4	0.9991	0.9893	0.9402	0.9807	0.7050	0.9820	0.9976	0.9460
58.5	0.9991	0.9868	0.9447	0.9829	0.7632	0.9834	0.9978	0.9380
58.6	0.9989	0.9882	0.9356	0.9839	0.7928	0.9866	0.9972	0.9406
58.7	0.9989	0.9913	0.9287	0.9870	0.8171	0.9841	0.9976	0.9475
58.8	0.9990	0.9922	0.9471	0.9854	0.8227	0.9819	0.9979	0.9397
58.9	0.9986	0.9888	0.9367	0.9831	0.7983	0.9826	0.9979	0.9373
59.0	0.9987	0.9871	0.9418	0.9778	0.7940	0.9786	0.9960	0.8725
59.1	0.9990	0.9872	0.9435	0.9769	0.8255	0.9798	0.9959	0.8530
59.2	0.9988	0.9877	0.9406	0.9858	0.8593	0.9857	0.9977	0.9453
59.3	0.9989	0.9862	0.9433	0.9861	0.8369	0.9829	0.9978	0.9507
59.4	0.9990	0.9856	0.9555	0.9809	0.8202	0.9835	0.9978	0.9481
59.5	0.9989	0.9822	0.9360	0.9809	0.8176	0.9816	0.9967	0.9395

59.6	0.9989	0.9731	0.9521	0.9756	0.8082	0.9835	0.9964	0.9367
59.7	0.9988	0.9677	0.9465	0.9612	0.7250	0.9825	0.9982	0.9596
59.8	0.9988	0.9707	0.9453	0.9421	0.7204	0.9817	0.9976	0.9148
59.9	0.9718	0.2381	0.7089	0.0050	0.3409	0.9732	0.9959	0.8596
60.0	0.8817	0.0283	0.4095	0.0046	0.0595	0.9343	0.9925	0.8247
60.1	0.9677	0.0573	0.7466	0.0125	0.2695	0.9649	0.9956	0.9063
60.2	0.9990	0.9049	0.9752	0.9567	0.8396	0.9868	0.9978	0.9686
60.3	0.9990	0.9130	0.9675	0.9553	0.8575	0.9861	0.9973	0.9555
60.4	0.9987	0.8580	0.9590	0.9356	0.8032	0.9766	0.9960	0.9395
60.5	0.9990	0.8508	0.9687	0.9446	0.8615	0.9847	0.9961	0.9522
60.6	0.9989	0.9068	0.9679	0.9569	0.8955	0.9860	0.9974	0.9574
60.7	0.9986	0.9028	0.9638	0.9364	0.8899	0.9816	0.9973	0.9658
60.8	0.9991	0.9377	0.9754	0.9477	0.9261	0.9812	0.9977	0.9693
60.9	0.9990	0.9564	0.9752	0.9581	0.9148	0.9796	0.9978	0.9661
61.0	0.9989	0.9601	0.9767	0.9517	0.9187	0.9801	0.9978	0.9654
61.1	0.9988	0.9451	0.9700	0.9484	0.9312	0.9815	0.9969	0.9604
61.2	0.9991	0.9563	0.9766	0.9673	0.9437	0.9852	0.9970	0.9669
61.3	0.9988	0.9553	0.9755	0.9639	0.9421	0.9796	0.9962	0.9573
61.4	0.9983	0.9388	0.9649	0.9521	0.9177	0.9739	0.9949	0.9444
61.5	0.9989	0.9603	0.9803	0.9668	0.9546	0.9842	0.9976	0.9659
61.6	0.9994	0.9705	0.9832	0.9676	0.9546	0.9865	0.9974	0.9662
61.7	0.9990	0.9685	0.9765	0.9606	0.9495	0.9844	0.9966	0.9511
61.8	0.9989	0.9519	0.9778	0.9599	0.9574	0.9799	0.9960	0.9522
61.9	0.9993	0.9604	0.9801	0.9691	0.9620	0.9841	0.9969	0.9517
62.0	0.9994	0.9684	0.9875	0.9683	0.9659	0.9855	0.9972	0.9389
62.1	0.9991	0.9596	0.9827	0.9669	0.9674	0.9788	0.9970	0.9152
62.2	0.9989	0.9613	0.9802	0.9605	0.9668	0.9733	0.9967	0.9290
62.3	0.9987	0.9606	0.9773	0.9669	0.9696	0.9761	0.9973	0.9067
62.4	0.9990	0.9691	0.9803	0.9658	0.9770	0.9807	0.9974	0.9156
62.5	0.9991	0.9686	0.9780	0.9630	0.9771	0.9810	0.9967	0.9330
62.6	0.9989	0.9662	0.9760	0.9634	0.9775	0.9731	0.9964	0.9067
62.7	0.9988	0.9648	0.9824	0.9659	0.9785	0.9784	0.9956	0.9099
62.8	0.9981	0.9387	0.9819	0.9448	0.9615	0.9792	0.9933	0.8527
62.9	0.9989	0.9578	0.9818	0.9642	0.9710	0.9813	0.9937	0.8645
63.0	0.9994	0.9758	0.9872	0.9783	0.9837	0.9852	0.9969	0.9356
63.1	0.9994	0.9712	0.9889	0.9775	0.9794	0.9778	0.9970	0.9200
63.2	0.9991	0.9595	0.9846	0.9682	0.9759	0.9755	0.9958	0.8653
63.3	0.9991	0.9718	0.9864	0.9731	0.9826	0.9833	0.9959	0.8890
63.4	0.9991	0.9618	0.9813	0.9824	0.9786	0.9800	0.9952	0.8952
63.5	0.9991	0.9743	0.9893	0.9823	0.9836	0.9847	0.9969	0.9409
63.6	0.9986	0.9618	0.9826	0.9662	0.9777	0.9808	0.9958	0.9242
63.7	0.9985	0.9690	0.9835	0.9574	0.9780	0.9823	0.9941	0.9276
63.8	0.9990	0.9744	0.9829	0.9701	0.9843	0.9846	0.9951	0.9474
63.9	0.9987	0.9680	0.9801	0.9733	0.9814	0.9826	0.9939	0.9384
64.0	0.9985	0.9711	0.9802	0.9751	0.9785	0.9854	0.9940	0.9386
64.1	0.9988	0.9717	0.9830	0.9800	0.9830	0.9863	0.9929	0.9470
64.2	0.9984	0.9648	0.9803	0.9695	0.9762	0.9835	0.9921	0.9361
64.3	0.9983	0.9588	0.9776	0.9598	0.9737	0.9783	0.9941	0.9499
64.4	0.9978	0.9652	0.9765	0.9675	0.9728	0.9786	0.9921	0.9538
64.5	0.9976	0.9665	0.9791	0.9748	0.9684	0.9813	0.9872	0.9527
64.6	0.9983	0.9653	0.9799	0.9744	0.9699	0.9781	0.9873	0.9466
64.7	0.9983	0.9652	0.9769	0.9750	0.9713	0.9812	0.9894	0.9427
64.8	0.9984	0.9708	0.9790	0.9766	0.9771	0.9849	0.9892	0.9598
64.9	0.9981	0.9641	0.9726	0.9721	0.9792	0.9804	0.9874	0.9557
65.0	0.9984	0.9710	0.9787	0.9749	0.9723	0.9818	0.9889	0.9517
65.1	0.9987	0.9641	0.9817	0.9749	0.9684	0.9839	0.9863	0.9587
65.2	0.9983	0.9648	0.9790	0.9669	0.9596	0.9791	0.9857	0.9615
65.3	0.9986	0.9704	0.9801	0.9780	0.9681	0.9846	0.9872	0.9695
65.4	0.9983	0.9695	0.9794	0.9819	0.9684	0.9847	0.9874	0.9661
65.5	0.9979	0.9636	0.9800	0.9762	0.9666	0.9810	0.9873	0.9631
65.6	0.9981	0.9661	0.9824	0.9789	0.9702	0.9852	0.9889	0.9658
65.7	0.9987	0.9677	0.9790	0.9812	0.9710	0.9820	0.9916	0.9725
65.8	0.9980	0.9673	0.9820	0.9779	0.9708	0.9850	0.9895	0.9673
65.9	0.9975	0.9545	0.9770	0.9763	0.9675	0.9819	0.9848	0.9705
66.0	0.9973	0.9455	0.9738	0.9704	0.9690	0.9807	0.9832	0.9710
66.1	0.9974	0.9384	0.9731	0.9650	0.9679	0.9802	0.9833	0.9634
66.2	0.9966	0.9301	0.9691	0.9616	0.9620	0.9771	0.9814	0.9533
66.3	0.9974	0.9479	0.9795	0.9729	0.9703	0.9819	0.9856	0.9718
66.4	0.9981	0.9473	0.9804	0.9800	0.9751	0.9842	0.9880	0.9776
66.5	0.9979	0.9573	0.9798	0.9799	0.9755	0.9839	0.9894	0.9813
66.6	0.9973	0.9568	0.9819	0.9755	0.9710	0.9877	0.9893	0.9798
66.7	0.9974	0.9555	0.9831	0.9792	0.9734	0.9885	0.9890	0.9788
66.8	0.9978	0.9503	0.9793	0.9871	0.9768	0.9873	0.9881	0.9768
66.9	0.9976	0.9446	0.9766	0.9863	0.9735	0.9863	0.9851	0.9722
67.0	0.9974	0.9360	0.9776	0.9780	0.9676	0.9842	0.9851	0.9718
67.1	0.9977	0.9499	0.9823	0.9751	0.9761	0.9872	0.9881	0.9776
67.2	0.9972	0.9439	0.9821	0.9752	0.9749	0.9873	0.9866	0.9734
67.3	0.9980	0.9347	0.9842	0.9834	0.9798	0.9876	0.9887	0.9804
67.4	0.9980	0.9412	0.9831	0.9818	0.9776	0.9888	0.9893	0.9801
67.5	0.9972	0.9406	0.9760	0.9771	0.9765	0.9850	0.9868	0.9723
67.6	0.9972	0.9292	0.9790	0.9844	0.9768	0.9845	0.9850	0.9791
67.7	0.9974	0.9336	0.9834	0.9835	0.9790	0.9899	0.9890	0.9819
67.8	0.9974	0.9282	0.9814	0.9854	0.9786	0.9884	0.9885	0.9829
67.9	0.9970	0.9304	0.9805	0.9803	0.9809	0.9874	0.9864	0.9843
68.0	0.9974	0.9398	0.9843	0.9803	0.9796	0.9889	0.9900	0.9861
68.1	0.9969	0.9427	0.9830	0.9760	0.9742	0.9893	0.9889	0.9873

68.2	0.9968	0.9322	0.9794	0.9809	0.9710	0.9887	0.9860	0.9865
68.3	0.9973	0.9301	0.9839	0.9832	0.9801	0.9921	0.9882	0.9876
68.4	0.9963	0.9219	0.9841	0.9798	0.9714	0.9904	0.9842	0.9856
68.5	0.9967	0.9358	0.9829	0.9870	0.9762	0.9895	0.9854	0.9892
68.6	0.9972	0.9307	0.9865	0.9889	0.9787	0.9915	0.9860	0.9882
68.7	0.9959	0.9057	0.9809	0.9795	0.9679	0.9878	0.9806	0.9814
68.8	0.9959	0.9257	0.9787	0.9790	0.9754	0.9861	0.9845	0.9830
68.9	0.9977	0.9431	0.9887	0.9890	0.9825	0.9920	0.9897	0.9908
69.0	0.9969	0.9226	0.9850	0.9855	0.9783	0.9894	0.9866	0.9860
69.1	0.9964	0.9236	0.9817	0.9866	0.9752	0.9862	0.9847	0.9789
69.2	0.9966	0.9241	0.9825	0.9905	0.9776	0.9885	0.9845	0.9795
69.3	0.9970	0.9340	0.9858	0.9903	0.9808	0.9898	0.9873	0.9834
69.4	0.9973	0.9302	0.9855	0.9876	0.9806	0.9890	0.9876	0.9839
69.5	0.9953	0.9299	0.9803	0.9823	0.9740	0.9882	0.9817	0.9822
69.6	0.9926	0.9106	0.9746	0.9805	0.9648	0.9822	0.9749	0.9790
69.7	0.9952	0.9111	0.9817	0.9853	0.9719	0.9861	0.9807	0.9844
69.8	0.9951	0.9141	0.9788	0.9800	0.9722	0.9839	0.9818	0.9812
69.9	0.9922	0.9233	0.9758	0.9737	0.9680	0.9780	0.9784	0.9755
70.0	0.9934	0.9159	0.9745	0.9782	0.9635	0.9811	0.9755	0.9748
70.1	0.9939	0.9072	0.9754	0.9796	0.9621	0.9819	0.9748	0.9733
70.2	0.9943	0.9224	0.9773	0.9807	0.9680	0.9826	0.9783	0.9775
70.3	0.9948	0.9009	0.9773	0.9812	0.9667	0.9857	0.9766	0.9793
70.4	0.9945	0.9057	0.9797	0.9822	0.9636	0.9878	0.9746	0.9819
70.5	0.9954	0.9187	0.9821	0.9823	0.9656	0.9881	0.9775	0.9835
70.6	0.9935	0.9045	0.9730	0.9807	0.9604	0.9807	0.9723	0.9719
70.7	0.9916	0.8788	0.9675	0.9783	0.9499	0.9782	0.9663	0.9696
70.8	0.9906	0.8788	0.9668	0.9755	0.9495	0.9753	0.9632	0.9684
70.9	0.9927	0.8905	0.9721	0.9780	0.9587	0.9822	0.9683	0.9716
71.0	0.9939	0.8914	0.9766	0.9822	0.9609	0.9856	0.9706	0.9777
71.1	0.9934	0.9001	0.9773	0.9829	0.9629	0.9829	0.9718	0.9758
71.2	0.9937	0.8932	0.9767	0.9788	0.9629	0.9830	0.9709	0.9759
71.3	0.9929	0.8772	0.9744	0.9731	0.9616	0.9814	0.9688	0.9765
71.4	0.9919	0.8791	0.9724	0.9745	0.9589	0.9812	0.9664	0.9724
71.5	0.9925	0.8665	0.9752	0.9794	0.9612	0.9801	0.9686	0.9733
71.6	0.9942	0.8824	0.9765	0.9827	0.9665	0.9837	0.9732	0.9763
71.7	0.9947	0.8841	0.9754	0.9848	0.9687	0.9839	0.9738	0.9762
71.8	0.9930	0.8859	0.9717	0.9777	0.9664	0.9818	0.9704	0.9740
71.9	0.9920	0.8791	0.9717	0.9727	0.9636	0.9805	0.9667	0.9739
72.0	0.9911	0.8046	0.9652	0.9704	0.9471	0.9757	0.9547	0.9629
72.1	0.9920	0.8062	0.9701	0.9709	0.9523	0.9772	0.9583	0.9663
72.2	0.9914	0.7956	0.9677	0.9683	0.9482	0.9792	0.9530	0.9678
72.3	0.9923	0.8381	0.9695	0.9718	0.9601	0.9796	0.9636	0.9681
72.4	0.9941	0.8557	0.9744	0.9786	0.9670	0.9814	0.9707	0.9733
72.5	0.9916	0.7989	0.9665	0.9731	0.9543	0.9775	0.9570	0.9645
72.6	0.9917	0.7510	0.9644	0.9654	0.9479	0.9809	0.9525	0.9647
72.7	0.9892	0.7126	0.9517	0.9561	0.9337	0.9661	0.9373	0.9472
72.8	0.9889	0.6823	0.9584	0.9587	0.9357	0.9693	0.9387	0.9572
72.9	0.9892	0.6926	0.9552	0.9650	0.9343	0.9645	0.9364	0.9519
73.0	0.9914	0.7292	0.9588	0.9699	0.9432	0.9621	0.9455	0.9517
73.1	0.9916	0.7151	0.9605	0.9691	0.9436	0.9688	0.9469	0.9537
73.2	0.9919	0.7107	0.9619	0.9657	0.9450	0.9698	0.9480	0.9507
73.3	0.9909	0.6565	0.9616	0.9616	0.9408	0.9669	0.9445	0.9462
73.4	0.9894	0.5729	0.9527	0.9564	0.9332	0.9685	0.9318	0.9404
73.5	0.9908	0.5695	0.9563	0.9570	0.9385	0.9747	0.9367	0.9469
73.6	0.9903	0.4948	0.9507	0.9551	0.9293	0.9669	0.9273	0.9457
73.7	0.9925	0.5812	0.9634	0.9662	0.9452	0.9675	0.9437	0.9559
73.8	0.9923	0.5682	0.9600	0.9632	0.9387	0.9707	0.9359	0.9450
73.9	0.9916	0.5058	0.9589	0.9580	0.9387	0.9646	0.9337	0.9245
74.0	0.9912	0.5355	0.9647	0.9597	0.9471	0.9653	0.9397	0.9145
74.1	0.9901	0.4905	0.9490	0.9523	0.9297	0.9558	0.9240	0.8966
74.2	0.9905	0.3698	0.9410	0.9589	0.9301	0.9464	0.9239	0.8845
74.3	0.9917	0.4342	0.9474	0.9569	0.9366	0.9552	0.9348	0.8911
74.4	0.9890	0.3398	0.9527	0.9398	0.9282	0.9397	0.9169	0.8584
74.5	0.9903	0.3226	0.9499	0.9407	0.9282	0.9371	0.9113	0.8441
74.6	0.9930	0.2292	0.9588	0.9543	0.9327	0.9592	0.9222	0.8266
74.7	0.9933	0.2972	0.9554	0.9512	0.9291	0.9512	0.9233	0.7839
74.8	0.9926	0.3099	0.9564	0.9471	0.9354	0.9324	0.9198	0.8075
74.9	0.9941	0.2409	0.9612	0.9601	0.9402	0.9334	0.9243	0.8441
75.0	0.9945	0.3344	0.9576	0.9535	0.9404	0.9206	0.9276	0.7969
75.1	0.9943	0.4254	0.9473	0.9584	0.9335	0.9120	0.9195	0.7216
75.2	0.9929	0.3123	0.9382	0.9537	0.9382	0.8948	0.9151	0.6478
75.3	0.9932	0.2895	0.9531	0.9528	0.9518	0.9167	0.9276	0.6640
75.4	0.9947	0.3279	0.9613	0.9463	0.9477	0.9212	0.9320	0.6250
75.5	0.9936	0.2626	0.9484	0.9352	0.9144	0.9305	0.8926	0.5203
75.6	0.9927	0.3093	0.9505	0.9318	0.9095	0.9099	0.8866	0.5009
75.7	0.9943	0.3362	0.9540	0.9436	0.9228	0.8923	0.9053	0.5277
75.8	0.9935	0.4018	0.9485	0.9358	0.9142	0.8665	0.8919	0.5210
75.9	0.9923	0.4513	0.9451	0.9302	0.8941	0.8391	0.8603	0.4801
76.0	0.9926	0.4062	0.9428	0.9393	0.8966	0.8405	0.8739	0.4372
76.1	0.9926	0.4148	0.9455	0.9353	0.9184	0.8014	0.8992	0.4874
76.2	0.9913	0.3929	0.9490	0.9243	0.9108	0.7564	0.8917	0.4176
76.3	0.9907	0.4245	0.9487	0.9217	0.8978	0.7507	0.8740	0.4762
76.4	0.9931	0.3061	0.9551	0.9327	0.9262	0.7764	0.8883	0.6202
76.5	0.9939	0.4474	0.9517	0.9377	0.9310	0.7721	0.8992	0.5640
76.6	0.9939	0.4900	0.9461	0.9364	0.9152	0.7121	0.8852	0.5444
76.7	0.9939	0.4827	0.9535	0.9269	0.9240	0.7208	0.8827	0.6282

76.8	0.9942	0.5001	0.9587	0.9321	0.9272	0.7656	0.8939	0.7010
76.9	0.9955	0.5569	0.9588	0.9427	0.9290	0.7494	0.9053	0.7480
77.0	0.9918	0.4818	0.9496	0.9107	0.9042	0.6858	0.8968	0.6366
77.1	0.9902	0.4266	0.9334	0.8812	0.8784	0.6758	0.8543	0.6980
77.2	0.9925	0.5036	0.9507	0.9045	0.9014	0.7110	0.8709	0.7467
77.3	0.9934	0.5030	0.9393	0.9061	0.8867	0.6865	0.8686	0.7099
77.4	0.9918	0.5027	0.9481	0.8863	0.8696	0.6690	0.8520	0.6125
77.5	0.9927	0.5700	0.9656	0.9041	0.8820	0.7757	0.8565	0.6747
77.6	0.9934	0.5741	0.9610	0.9151	0.9118	0.7671	0.8940	0.6898
77.7	0.9933	0.5715	0.9480	0.8985	0.8918	0.7500	0.8752	0.7206
77.8	0.9950	0.5588	0.9474	0.9069	0.8980	0.7978	0.8730	0.7941
77.9	0.9932	0.4735	0.9477	0.9219	0.8831	0.8044	0.8554	0.8155
78.0	0.9929	0.3910	0.9515	0.9086	0.8860	0.7725	0.8603	0.7784
78.1	0.9946	0.4403	0.9405	0.9220	0.8755	0.7942	0.8371	0.7178
78.2	0.9955	0.5079	0.9474	0.9287	0.8814	0.8025	0.8417	0.7376
78.3	0.9952	0.5075	0.9483	0.9193	0.8617	0.8013	0.8670	0.7822
78.4	0.9959	0.3477	0.9530	0.9539	0.8746	0.8258	0.8772	0.7833
78.5	0.9957	0.3956	0.9495	0.9449	0.8996	0.8487	0.8881	0.7666
78.6	0.9966	0.5018	0.9502	0.9526	0.8875	0.8547	0.8915	0.8325
78.7	0.9968	0.4265	0.9502	0.9476	0.9074	0.8626	0.8936	0.8473
78.8	0.9963	0.5348	0.9389	0.9484	0.9052	0.8836	0.8896	0.8074
78.9	0.9869	0.4443	0.9339	0.9225	0.8238	0.8643	0.8367	0.8329
79.0	0.9850	0.3514	0.9325	0.9222	0.8307	0.8837	0.8020	0.7786
79.1	0.9913	0.1574	0.9388	0.9348	0.8519	0.8792	0.7926	0.7935
79.2	0.9952	0.0135	0.9417	0.9274	0.8326	0.8770	0.8100	0.7201
79.3	0.9966	0.0747	0.9439	0.9407	0.8090	0.8743	0.8625	0.6931
79.4	0.9974	0.1099	0.9495	0.9590	0.7998	0.8882	0.8938	0.6580
79.5	0.9967	0.1330	0.9383	0.9489	0.7754	0.8732	0.8864	0.5917
79.6	0.9972	0.2375	0.9444	0.9592	0.8208	0.8715	0.9021	0.6871
79.7	0.9976	0.1654	0.9505	0.9530	0.7770	0.8562	0.8917	0.5739
79.8	0.9970	0.1440	0.9361	0.9521	0.7577	0.8718	0.9003	0.3626
79.9	0.9958	0.1696	0.9315	0.9482	0.7318	0.8664	0.9091	0.3024
80.0	0.9969	0.2272	0.9449	0.9516	0.7881	0.9007	0.9330	0.2793

2.2.86 Run 8 – VT315 – Accels 9–16

Vertical shaking at 315°. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0002	0.2419	0.0039	0.2646	0.1128	0.0034	0.0320	0.2467
0.1	0.0099	0.0269	0.0023	0.0359	0.0043	0.0173	0.0134	0.0267
0.2	0.0161	0.0114	0.0000	0.0094	0.0039	0.0023	0.0068	0.0080
0.3	0.0291	0.0791	0.0203	0.0576	0.0262	0.0016	0.0026	0.0095
0.4	0.0277	0.0249	0.0170	0.0069	0.0438	0.0106	0.0013	0.0058
0.5	0.0019	0.0104	0.0102	0.0770	0.1425	0.0138	0.0435	0.0048
0.6	0.0018	0.0242	0.0057	0.0235	0.0623	0.0089	0.0153	0.0146
0.7	0.0473	0.0016	0.0279	0.0332	0.0518	0.0181	0.0081	0.0018
0.8	0.0385	0.0363	0.0146	0.0187	0.0339	0.0510	0.0163	0.0075
0.9	0.0302	0.0548	0.0268	0.0004	0.0082	0.0006	0.0015	0.0295
1.0	0.0523	0.0618	0.0358	0.0079	0.0740	0.0062	0.0066	0.1184
1.1	0.0266	0.2225	0.0101	0.0003	0.2536	0.0546	0.0104	0.0625
1.2	0.0486	0.0843	0.0515	0.0320	0.1172	0.0550	0.0424	0.1865
1.3	0.0608	0.0009	0.0220	0.0522	0.1417	0.0651	0.1035	0.3208
1.4	0.1538	0.0063	0.0347	0.1206	0.3242	0.0031	0.1346	0.4426
1.5	0.1332	0.1074	0.0358	0.0464	0.4407	0.0014	0.0678	0.6208
1.6	0.2547	0.2926	0.1753	0.2230	0.5549	0.0919	0.2097	0.7232
1.7	0.2626	0.2661	0.4188	0.4352	0.6258	0.1443	0.4276	0.7776
1.8	0.4727	0.5117	0.3811	0.7975	0.7588	0.0748	0.8169	0.7822
1.9	0.5938	0.6759	0.3585	0.7839	0.7738	0.0796	0.7766	0.8331
2.0	0.3653	0.4788	0.4867	0.4493	0.7437	0.2562	0.4344	0.8070
2.1	0.3566	0.4463	0.4972	0.3705	0.7964	0.3830	0.3760	0.8481
2.2	0.3054	0.3270	0.3967	0.3067	0.8311	0.3583	0.3077	0.8479
2.3	0.3134	0.2554	0.1856	0.2961	0.8367	0.2845	0.2983	0.8732
2.4	0.3181	0.0201	0.0952	0.3123	0.8180	0.1111	0.3050	0.8363
2.5	0.4558	0.2037	0.0422	0.4506	0.8065	0.0560	0.4727	0.8514
2.6	0.5455	0.7450	0.3352	0.5475	0.9380	0.3885	0.5317	0.9504
2.7	0.7265	0.9184	0.7057	0.7194	0.9477	0.6291	0.7198	0.9603
2.8	0.6292	0.8982	0.5864	0.7276	0.9400	0.4685	0.7669	0.9608
2.9	0.4347	0.9191	0.3845	0.6800	0.9472	0.2971	0.6743	0.9693
3.0	0.2612	0.9325	0.2554	0.6078	0.9553	0.2637	0.6099	0.9733
3.1	0.2235	0.9285	0.1161	0.3982	0.9584	0.1660	0.4521	0.9749
3.2	0.2106	0.8932	0.0438	0.2331	0.9360	0.0345	0.2653	0.9638
3.3	0.1402	0.8894	0.0072	0.2972	0.9436	0.0352	0.2249	0.9626
3.4	0.0837	0.8725	0.1006	0.4605	0.9188	0.0927	0.3146	0.9592
3.5	0.1375	0.8492	0.1010	0.5073	0.9169	0.1239	0.2916	0.9342
3.6	0.0611	0.6917	0.1086	0.3006	0.8968	0.0705	0.2840	0.9139
3.7	0.2765	0.1577	0.1564	0.3297	0.9392	0.0772	0.2880	0.9615
3.8	0.5936	0.3872	0.3694	0.6009	0.9899	0.2178	0.6450	0.9938
3.9	0.8045	0.9139	0.7268	0.6674	0.9959	0.3354	0.7329	0.9975
4.0	0.7616	0.9424	0.7045	0.5005	0.9961	0.4526	0.6574	0.9959
4.1	0.7030	0.9525	0.5872	0.4088	0.9965	0.3611	0.6125	0.9967
4.2	0.7234	0.9619	0.4822	0.5500	0.9968	0.3737	0.5074	0.9974
4.3	0.5818	0.9524	0.2992	0.3693	0.9940	0.1616	0.3470	0.9954
4.4	0.3929	0.9484	0.3636	0.4469	0.9930	0.1806	0.4887	0.9953
4.5	0.5002	0.9222	0.1612	0.4619	0.9946	0.0984	0.4542	0.9962
4.6	0.5003	0.8699	0.0437	0.5608	0.9929	0.0616	0.5726	0.9933
4.7	0.5605	0.7655	0.0706	0.5583	0.9865	0.0899	0.6032	0.9910
4.8	0.7683	0.8829	0.3597	0.8095	0.9892	0.1209	0.8159	0.9906
4.9	0.7541	0.7714	0.3349	0.7365	0.9768	0.1485	0.7362	0.9741
5.0	0.6122	0.3467	0.0670	0.4944	0.9928	0.1270	0.4776	0.9945
5.1	0.7727	0.5365	0.3212	0.7341	0.9965	0.2257	0.7097	0.9963
5.2	0.7224	0.8890	0.6824	0.6423	0.9959	0.5400	0.7077	0.9957
5.3	0.3264	0.7558	0.5169	0.2068	0.9883	0.5173	0.3177	0.9911
5.4	0.2334	0.5984	0.3979	0.0240	0.9733	0.5111	0.0547	0.9728
5.5	0.1315	0.6782	0.4553	0.1582	0.9848	0.5268	0.0663	0.9849
5.6	0.5855	0.8458	0.6870	0.5608	0.9966	0.6888	0.5127	0.9968
5.7	0.8347	0.8931	0.7056	0.7770	0.9957	0.7575	0.7890	0.9956
5.8	0.9474	0.9312	0.7975	0.9185	0.9964	0.8311	0.9397	0.9966
5.9	0.9563	0.9361	0.8358	0.9214	0.9979	0.8412	0.9379	0.9981
6.0	0.9619	0.8886	0.8370	0.8935	0.9937	0.8697	0.9267	0.9939
6.1	0.9830	0.9474	0.8439	0.9278	0.9945	0.8771	0.9597	0.9947
6.2	0.9859	0.9710	0.8961	0.9204	0.9953	0.8802	0.9625	0.9953
6.3	0.9882	0.9708	0.9401	0.8985	0.9918	0.9191	0.9657	0.9919
6.4	0.9924	0.9783	0.9561	0.8767	0.9925	0.9279	0.9767	0.9926
6.5	0.9927	0.9726	0.9546	0.7529	0.9909	0.9451	0.9733	0.9911
6.6	0.9881	0.9722	0.9573	0.5177	0.9890	0.9419	0.9606	0.9893
6.7	0.9806	0.9605	0.9491	0.6551	0.9796	0.9298	0.9488	0.9800
6.8	0.9784	0.9541	0.9465	0.8111	0.9739	0.9158	0.9471	0.9743
6.9	0.9696	0.9356	0.9520	0.8153	0.9580	0.9365	0.9468	0.9585
7.0	0.9430	0.8867	0.9038	0.7963	0.9147	0.8781	0.9531	0.9156
7.1	0.9452	0.9175	0.9076	0.7909	0.9286	0.8851	0.8861	0.9289
7.2	0.9414	0.9093	0.8957	0.7687	0.9137	0.8695	0.6637	0.9138
7.3	0.9464	0.9352	0.9410	0.7838	0.9347	0.9279	0.7302	0.9344
7.4	0.9267	0.9497	0.9675	0.8831	0.9446	0.9676	0.8285	0.9445
7.5	0.9093	0.9595	0.9626	0.9195	0.9470	0.9608	0.7976	0.9465
7.6	0.9556	0.9916	0.9696	0.9857	0.9858	0.9550	0.8792	0.9855
7.7	0.9640	0.9956	0.9573	0.9865	0.9905	0.9414	0.9298	0.9902
7.8	0.9735	0.9988	0.9525	0.9883	0.9981	0.9339	0.9636	0.9980
7.9	0.9617	0.9960	0.9588	0.9835	0.9972	0.9415	0.9025	0.9971

8.0	0.9165	0.9941	0.9637	0.9730	0.9922	0.9471	0.6782	0.9919
8.1	0.9564	0.9979	0.9544	0.9867	0.9985	0.9396	0.9233	0.9984
8.2	0.9684	0.9972	0.9591	0.9925	0.9983	0.9495	0.9324	0.9983
8.3	0.9670	0.9978	0.9562	0.9901	0.9989	0.9455	0.9035	0.9989
8.4	0.9346	0.9968	0.9601	0.9877	0.9984	0.9474	0.9055	0.9984
8.5	0.9540	0.9976	0.9756	0.9896	0.9989	0.9679	0.9433	0.9989
8.6	0.9652	0.9965	0.9691	0.9904	0.9984	0.9622	0.9566	0.9985
8.7	0.9615	0.9963	0.9769	0.9928	0.9980	0.9720	0.9800	0.9979
8.8	0.9632	0.9962	0.9818	0.9946	0.9974	0.9774	0.9892	0.9973
8.9	0.9570	0.9926	0.9783	0.9948	0.9948	0.9727	0.9863	0.9947
9.0	0.9207	0.9810	0.9624	0.9927	0.9812	0.9559	0.9792	0.9805
9.1	0.9460	0.9833	0.9738	0.9836	0.9849	0.9694	0.9816	0.9846
9.2	0.9498	0.9742	0.9705	0.9859	0.9770	0.9688	0.9852	0.9766
9.3	0.9458	0.9630	0.9641	0.9888	0.9653	0.9631	0.9808	0.9649
9.4	0.9057	0.9268	0.9176	0.9638	0.9244	0.9136	0.9800	0.9234
9.5	0.9239	0.9343	0.9164	0.9561	0.9285	0.9143	0.9824	0.9281
9.6	0.9629	0.9659	0.9366	0.9642	0.9599	0.9304	0.9910	0.9601
9.7	0.9717	0.9749	0.9444	0.9772	0.9700	0.9303	0.9946	0.9703
9.8	0.9741	0.9805	0.9169	0.9822	0.9740	0.8869	0.9939	0.9745
9.9	0.9845	0.9919	0.9405	0.9799	0.9892	0.9167	0.9956	0.9896
10.0	0.9846	0.9924	0.9225	0.9393	0.9898	0.9045	0.9937	0.9903
10.1	0.9848	0.9918	0.9049	0.9802	0.9899	0.9073	0.9962	0.9910
10.2	0.9854	0.9950	0.9091	0.9944	0.9930	0.9308	0.9966	0.9937
10.3	0.9882	0.9971	0.9456	0.9971	0.9964	0.9521	0.9972	0.9966
10.4	0.9845	0.9979	0.9590	0.9956	0.9968	0.9610	0.9962	0.9970
10.5	0.9809	0.9976	0.9470	0.9933	0.9968	0.9612	0.9941	0.9978
10.6	0.9849	0.9960	0.9183	0.9920	0.9951	0.9512	0.9947	0.9961
10.7	0.9859	0.9951	0.9198	0.9960	0.9952	0.9538	0.9967	0.9961
10.8	0.9873	0.9954	0.9399	0.9951	0.9956	0.9643	0.9967	0.9969
10.9	0.9894	0.9955	0.9391	0.9951	0.9963	0.9726	0.9961	0.9974
11.0	0.9867	0.9958	0.9426	0.9947	0.9956	0.9773	0.9950	0.9972
11.1	0.9901	0.9949	0.9635	0.9946	0.9965	0.9877	0.9953	0.9977
11.2	0.9928	0.9959	0.9780	0.9966	0.9980	0.9883	0.9962	0.9989
11.3	0.9931	0.9945	0.9829	0.9961	0.9976	0.9906	0.9957	0.9987
11.4	0.9946	0.9937	0.9865	0.9952	0.9969	0.9927	0.9954	0.9985
11.5	0.9961	0.9924	0.9873	0.9964	0.9980	0.9937	0.9971	0.9990
11.6	0.9949	0.9911	0.9858	0.9947	0.9959	0.9922	0.9962	0.9983
11.7	0.9952	0.9922	0.9894	0.9953	0.9972	0.9943	0.9964	0.9987
11.8	0.9958	0.9909	0.9913	0.9947	0.9958	0.9941	0.9949	0.9985
11.9	0.9972	0.9930	0.9913	0.9956	0.9963	0.9959	0.9956	0.9987
12.0	0.9957	0.9916	0.9885	0.9954	0.9967	0.9952	0.9957	0.9987
12.1	0.9966	0.9920	0.9931	0.9951	0.9965	0.9962	0.9958	0.9987
12.2	0.9974	0.9881	0.9939	0.9938	0.9963	0.9965	0.9941	0.9987
12.3	0.9964	0.9872	0.9901	0.9937	0.9966	0.9965	0.9940	0.9988
12.4	0.9942	0.9836	0.9907	0.9930	0.9932	0.9963	0.9929	0.9982
12.5	0.9911	0.9835	0.9909	0.9919	0.9928	0.9967	0.9918	0.9982
12.6	0.9934	0.9889	0.9920	0.9952	0.9942	0.9983	0.9956	0.9988
12.7	0.9896	0.9898	0.9918	0.9938	0.9934	0.9980	0.9935	0.9987
12.8	0.9905	0.9894	0.9931	0.9916	0.9930	0.9974	0.9917	0.9982
12.9	0.9906	0.9862	0.9938	0.9907	0.9912	0.9967	0.9911	0.9982
13.0	0.9910	0.9875	0.9954	0.9878	0.9891	0.9948	0.9890	0.9984
13.1	0.9948	0.9894	0.9957	0.9864	0.9882	0.9949	0.9873	0.9981
13.2	0.9975	0.9893	0.9968	0.9877	0.9895	0.9959	0.9886	0.9981
13.3	0.9973	0.9794	0.9956	0.9766	0.9830	0.9936	0.9804	0.9979
13.4	0.9982	0.9833	0.9971	0.9841	0.9842	0.9941	0.9864	0.9980
13.5	0.9983	0.9880	0.9970	0.9867	0.9740	0.9939	0.9887	0.9970
13.6	0.9984	0.9827	0.9971	0.9876	0.9729	0.9953	0.9887	0.9966
13.7	0.9981	0.9864	0.9976	0.9910	0.9775	0.9963	0.9914	0.9973
13.8	0.9981	0.9882	0.9975	0.9933	0.9731	0.9967	0.9936	0.9969
13.9	0.9982	0.9864	0.9981	0.9934	0.9750	0.9968	0.9935	0.9972
14.0	0.9972	0.9852	0.9975	0.9928	0.9554	0.9963	0.9932	0.9952
14.1	0.9973	0.9864	0.9977	0.9952	0.9501	0.9971	0.9955	0.9959
14.2	0.9968	0.9832	0.9974	0.9939	0.9418	0.9965	0.9939	0.9946
14.3	0.9967	0.9834	0.9972	0.9935	0.9398	0.9966	0.9943	0.9949
14.4	0.9972	0.9854	0.9984	0.9950	0.9539	0.9980	0.9954	0.9964
14.5	0.9955	0.9815	0.9974	0.9931	0.9327	0.9964	0.9934	0.9944
14.6	0.9965	0.9861	0.9977	0.9944	0.9497	0.9972	0.9945	0.9941
14.7	0.9972	0.9887	0.9974	0.9947	0.9467	0.9978	0.9950	0.9953
14.8	0.9961	0.9846	0.9950	0.9930	0.9393	0.9949	0.9931	0.9908
14.9	0.9980	0.9927	0.9969	0.9955	0.9676	0.9955	0.9954	0.9930
15.0	0.9950	0.9878	0.9974	0.9947	0.9686	0.9957	0.9945	0.9929
15.1	0.9936	0.9856	0.9980	0.9952	0.9547	0.9965	0.9951	0.9913
15.2	0.9904	0.9787	0.9975	0.9943	0.9461	0.9962	0.9943	0.9899
15.3	0.9858	0.9630	0.9957	0.9869	0.9266	0.9938	0.9869	0.9907
15.4	0.9850	0.9604	0.9942	0.9818	0.9162	0.9934	0.9819	0.9883
15.5	0.9878	0.9697	0.9964	0.9859	0.9394	0.9956	0.9860	0.9903
15.6	0.9726	0.9454	0.9938	0.9736	0.9426	0.9949	0.9745	0.9791
15.7	0.9779	0.9608	0.9930	0.9789	0.9565	0.9964	0.9793	0.9866
15.8	0.9708	0.9536	0.9889	0.9713	0.9514	0.9955	0.9718	0.9888
15.9	0.9713	0.9570	0.9885	0.9733	0.9589	0.9953	0.9737	0.9900
16.0	0.9756	0.9694	0.9909	0.9775	0.9705	0.9958	0.9778	0.9854
16.1	0.9854	0.9809	0.9920	0.9856	0.9789	0.9951	0.9859	0.9845
16.2	0.9821	0.9758	0.9887	0.9814	0.9769	0.9918	0.9820	0.9789
16.3	0.9903	0.9853	0.9918	0.9899	0.9867	0.9920	0.9902	0.9854
16.4	0.9922	0.9781	0.9870	0.9873	0.9770	0.9871	0.9880	0.9733
16.5	0.9954	0.9725	0.9853	0.9852	0.9752	0.9851	0.9863	0.9737

16.6	0.9957	0.9843	0.9899	0.9892	0.9849	0.9886	0.9897	0.9836
16.7	0.9961	0.9868	0.9894	0.9924	0.9823	0.9880	0.9925	0.9827
16.8	0.9948	0.9795	0.9786	0.9848	0.9679	0.9755	0.9848	0.9684
16.9	0.9889	0.9662	0.9810	0.9899	0.9721	0.9798	0.9898	0.9728
17.0	0.9894	0.9741	0.9878	0.9964	0.9784	0.9873	0.9962	0.9815
17.1	0.9757	0.9828	0.9881	0.9913	0.9817	0.9873	0.9915	0.9868
17.2	0.9923	0.9835	0.9819	0.9910	0.9762	0.9818	0.9908	0.9811
17.3	0.9934	0.9763	0.9845	0.9948	0.9835	0.9850	0.9946	0.9858
17.4	0.9915	0.9849	0.9932	0.9985	0.9935	0.9936	0.9985	0.9953
17.5	0.9930	0.9906	0.9927	0.9981	0.9906	0.9928	0.9982	0.9942
17.6	0.9959	0.9900	0.9909	0.9976	0.9880	0.9911	0.9976	0.9916
17.7	0.9938	0.9878	0.9908	0.9985	0.9888	0.9912	0.9985	0.9918
17.8	0.9911	0.9887	0.9930	0.9993	0.9904	0.9935	0.9992	0.9930
17.9	0.9898	0.9894	0.9934	0.9993	0.9913	0.9940	0.9992	0.9939
18.0	0.9905	0.9901	0.9933	0.9992	0.9900	0.9940	0.9992	0.9936
18.1	0.9886	0.9896	0.9927	0.9989	0.9897	0.9934	0.9988	0.9934
18.2	0.9886	0.9930	0.9954	0.9993	0.9934	0.9958	0.9993	0.9955
18.3	0.9896	0.9947	0.9965	0.9994	0.9949	0.9969	0.9995	0.9964
18.4	0.9897	0.9957	0.9969	0.9994	0.9963	0.9973	0.9994	0.9975
18.5	0.9939	0.9961	0.9978	0.9993	0.9954	0.9980	0.9994	0.9974
18.6	0.9800	0.9880	0.9960	0.9988	0.9887	0.9963	0.9988	0.9932
18.7	0.9539	0.9843	0.9940	0.9986	0.9877	0.9949	0.9986	0.9915
18.8	0.9433	0.9882	0.9960	0.9987	0.9945	0.9965	0.9986	0.9962
18.9	0.9468	0.9916	0.9977	0.9992	0.9972	0.9981	0.9991	0.9982
19.0	0.9254	0.9934	0.9983	0.9992	0.9984	0.9986	0.9992	0.9989
19.1	0.9295	0.9956	0.9981	0.9992	0.9982	0.9982	0.9993	0.9992
19.2	0.8975	0.9960	0.9982	0.9991	0.9979	0.9983	0.9991	0.9993
19.3	0.8990	0.9960	0.9976	0.9992	0.9977	0.9980	0.9992	0.9993
19.4	0.9275	0.9972	0.9984	0.9993	0.9977	0.9988	0.9993	0.9993
19.5	0.9263	0.9969	0.9978	0.9985	0.9977	0.9984	0.9986	0.9993
19.6	0.9131	0.9954	0.9966	0.9981	0.9951	0.9982	0.9982	0.9987
19.7	0.9493	0.9947	0.9965	0.9987	0.9949	0.9981	0.9988	0.9987
19.8	0.9714	0.9963	0.9971	0.9990	0.9959	0.9985	0.9990	0.9990
19.9	0.9644	0.9947	0.9955	0.9979	0.9939	0.9979	0.9981	0.9984
20.0	0.9608	0.9965	0.9969	0.9977	0.9953	0.9984	0.9977	0.9989
20.1	0.9676	0.9966	0.9975	0.9973	0.9931	0.9987	0.9974	0.9985
20.2	0.9721	0.9962	0.9964	0.9968	0.9934	0.9985	0.9968	0.9988
20.3	0.9802	0.9970	0.9969	0.9970	0.9948	0.9985	0.9970	0.9990
20.4	0.9805	0.9976	0.9968	0.9962	0.9941	0.9986	0.9963	0.9992
20.5	0.9772	0.9975	0.9975	0.9949	0.9931	0.9989	0.9950	0.9990
20.6	0.9714	0.9961	0.9968	0.9924	0.9902	0.9979	0.9924	0.9982
20.7	0.9724	0.9953	0.9963	0.9898	0.9917	0.9974	0.9898	0.9979
20.8	0.9771	0.9964	0.9977	0.9905	0.9927	0.9984	0.9905	0.9984
20.9	0.9667	0.9965	0.9979	0.9846	0.9921	0.9978	0.9849	0.9979
21.0	0.9759	0.9967	0.9982	0.9884	0.9930	0.9981	0.9886	0.9983
21.1	0.9798	0.9968	0.9985	0.9884	0.9945	0.9983	0.9884	0.9982
21.2	0.9767	0.9964	0.9988	0.9849	0.9942	0.9980	0.9850	0.9980
21.3	0.9724	0.9964	0.9991	0.9806	0.9938	0.9984	0.9808	0.9982
21.4	0.9778	0.9967	0.9989	0.9833	0.9941	0.9982	0.9834	0.9981
21.5	0.9756	0.9967	0.9990	0.9792	0.9933	0.9983	0.9793	0.9977
21.6	0.9686	0.9949	0.9989	0.9713	0.9914	0.9975	0.9715	0.9967
21.7	0.9713	0.9944	0.9989	0.9716	0.9898	0.9972	0.9716	0.9964
21.8	0.9708	0.9946	0.9988	0.9724	0.9885	0.9975	0.9725	0.9968
21.9	0.9691	0.9949	0.9990	0.9713	0.9885	0.9976	0.9716	0.9976
22.0	0.9632	0.9943	0.9990	0.9663	0.9872	0.9976	0.9667	0.9971
22.1	0.9554	0.9934	0.9990	0.9595	0.9870	0.9968	0.9599	0.9969
22.2	0.9690	0.9936	0.9990	0.9696	0.9876	0.9969	0.9699	0.9972
22.3	0.9616	0.9911	0.9989	0.9626	0.9850	0.9957	0.9628	0.9957
22.4	0.9706	0.9922	0.9991	0.9711	0.9888	0.9954	0.9712	0.9958
22.5	0.9710	0.9903	0.9991	0.9702	0.9870	0.9950	0.9703	0.9964
22.6	0.9685	0.9862	0.9989	0.9650	0.9839	0.9923	0.9650	0.9951
22.7	0.9756	0.9860	0.9987	0.9709	0.9861	0.9925	0.9710	0.9944
22.8	0.9782	0.9852	0.9987	0.9715	0.9891	0.9887	0.9713	0.9922
22.9	0.9793	0.9828	0.9981	0.9723	0.9889	0.9879	0.9720	0.9914
23.0	0.9854	0.9826	0.9979	0.9778	0.9904	0.9887	0.9776	0.9915
23.1	0.9873	0.9772	0.9981	0.9784	0.9907	0.9888	0.9782	0.9926
23.2	0.9915	0.9813	0.9985	0.9843	0.9932	0.9924	0.9840	0.9947
23.3	0.9909	0.9777	0.9983	0.9810	0.9925	0.9924	0.9807	0.9947
23.4	0.9933	0.9770	0.9985	0.9836	0.9934	0.9943	0.9833	0.9955
23.5	0.9948	0.9864	0.9991	0.9876	0.9961	0.9962	0.9874	0.9969
23.6	0.9955	0.9890	0.9991	0.9893	0.9956	0.9968	0.9890	0.9976
23.7	0.9955	0.9907	0.9991	0.9891	0.9960	0.9975	0.9888	0.9979
23.8	0.9964	0.9931	0.9991	0.9913	0.9963	0.9980	0.9911	0.9980
23.9	0.9972	0.9952	0.9993	0.9923	0.9961	0.9982	0.9920	0.9982
24.0	0.9971	0.9956	0.9994	0.9917	0.9966	0.9983	0.9914	0.9983
24.1	0.9965	0.9952	0.9991	0.9907	0.9947	0.9982	0.9902	0.9979
24.2	0.9972	0.9946	0.9988	0.9912	0.9938	0.9981	0.9907	0.9977
24.3	0.9974	0.9950	0.9981	0.9914	0.9912	0.9979	0.9912	0.9973
24.4	0.9985	0.9977	0.9986	0.9955	0.9933	0.9980	0.9952	0.9976
24.5	0.9981	0.9973	0.9991	0.9937	0.9955	0.9985	0.9931	0.9980
24.6	0.9982	0.9968	0.9993	0.9943	0.9971	0.9988	0.9937	0.9986
24.7	0.9981	0.9970	0.9992	0.9952	0.9974	0.9988	0.9944	0.9986
24.8	0.9972	0.9964	0.9992	0.9937	0.9966	0.9987	0.9929	0.9986
24.9	0.9974	0.9967	0.9991	0.9933	0.9965	0.9984	0.9924	0.9985
25.0	0.9978	0.9980	0.9995	0.9956	0.9967	0.9991	0.9950	0.9990
25.1	0.9971	0.9978	0.9995	0.9943	0.9958	0.9992	0.9936	0.9989

25.2	0.9974	0.9976	0.9995	0.9952	0.9963	0.9992	0.9945	0.9991
25.3	0.9974	0.9984	0.9995	0.9964	0.9957	0.9994	0.9960	0.9993
25.4	0.9960	0.9974	0.9993	0.9946	0.9932	0.9992	0.9938	0.9989
25.5	0.9947	0.9976	0.9992	0.9947	0.9919	0.9990	0.9938	0.9986
25.6	0.9932	0.9973	0.9981	0.9935	0.9820	0.9980	0.9930	0.9977
25.7	0.9956	0.9978	0.9981	0.9944	0.9754	0.9981	0.9930	0.9977
25.8	0.9953	0.9976	0.9991	0.9917	0.9806	0.9991	0.9902	0.9990
25.9	0.9963	0.9973	0.9994	0.9921	0.9888	0.9991	0.9899	0.9989
26.0	0.9953	0.9972	0.9993	0.9925	0.9841	0.9989	0.9905	0.9989
26.1	0.9951	0.9966	0.9993	0.9897	0.9775	0.9989	0.9872	0.9989
26.2	0.9928	0.9968	0.9992	0.9911	0.9796	0.9988	0.9894	0.9988
26.3	0.9945	0.9982	0.9993	0.9940	0.9857	0.9991	0.9932	0.9992
26.4	0.9923	0.9980	0.9993	0.9936	0.9854	0.9992	0.9926	0.9994
26.5	0.9891	0.9978	0.9994	0.9942	0.9917	0.9993	0.9934	0.9992
26.6	0.9824	0.9978	0.9994	0.9910	0.9941	0.9993	0.9893	0.9992
26.7	0.9794	0.9974	0.9991	0.9922	0.9957	0.9990	0.9901	0.9990
26.8	0.9777	0.9979	0.9994	0.9927	0.9973	0.9994	0.9900	0.9989
26.9	0.9659	0.9977	0.9996	0.9880	0.9986	0.9996	0.9843	0.9991
27.0	0.9516	0.9977	0.9996	0.9861	0.9977	0.9996	0.9822	0.9993
27.1	0.9474	0.9961	0.9996	0.9848	0.9967	0.9996	0.9800	0.9990
27.2	0.9473	0.9938	0.9994	0.9798	0.9940	0.9994	0.9749	0.9987
27.3	0.9620	0.9945	0.9993	0.9828	0.9945	0.9992	0.9782	0.9989
27.4	0.9598	0.9934	0.9993	0.9764	0.9936	0.9991	0.9717	0.9988
27.5	0.9825	0.9955	0.9995	0.9872	0.9966	0.9994	0.9857	0.9989
27.6	0.9839	0.9947	0.9994	0.9889	0.9961	0.9993	0.9873	0.9989
27.7	0.9865	0.9930	0.9992	0.9900	0.9954	0.9992	0.9889	0.9990
27.8	0.9905	0.9932	0.9994	0.9904	0.9962	0.9992	0.9895	0.9989
27.9	0.9937	0.9928	0.9993	0.9926	0.9967	0.9994	0.9918	0.9988
28.0	0.9932	0.9918	0.9991	0.9924	0.9960	0.9991	0.9911	0.9988
28.1	0.9944	0.9912	0.9991	0.9932	0.9962	0.9991	0.9918	0.9985
28.2	0.9940	0.9893	0.9992	0.9938	0.9968	0.9994	0.9927	0.9986
28.3	0.9963	0.9905	0.9995	0.9959	0.9982	0.9996	0.9951	0.9990
28.4	0.9973	0.9899	0.9997	0.9963	0.9984	0.9997	0.9956	0.9989
28.5	0.9972	0.9814	0.9991	0.9951	0.9969	0.9992	0.9947	0.9983
28.6	0.9972	0.9781	0.9991	0.9954	0.9976	0.9992	0.9949	0.9983
28.7	0.9977	0.9782	0.9992	0.9963	0.9977	0.9993	0.9956	0.9988
28.8	0.9981	0.9747	0.9993	0.9964	0.9978	0.9993	0.9958	0.9989
28.9	0.9983	0.9734	0.9992	0.9972	0.9980	0.9991	0.9969	0.9989
29.0	0.9978	0.9535	0.9990	0.9963	0.9973	0.9991	0.9957	0.9989
29.1	0.9982	0.9455	0.9989	0.9965	0.9973	0.9990	0.9957	0.9985
29.2	0.9979	0.9073	0.9987	0.9957	0.9971	0.9989	0.9953	0.9984
29.3	0.9982	0.8863	0.9989	0.9964	0.9975	0.9991	0.9957	0.9984
29.4	0.9983	0.7603	0.9988	0.9952	0.9971	0.9991	0.9949	0.9987
29.5	0.9985	0.4501	0.9988	0.9957	0.9969	0.9992	0.9953	0.9988
29.6	0.9985	0.1272	0.9991	0.9971	0.9981	0.9994	0.9964	0.9989
29.7	0.9983	0.3147	0.9990	0.9961	0.9976	0.9992	0.9959	0.9989
29.8	0.9986	0.7056	0.9989	0.9958	0.9976	0.9992	0.9962	0.9987
29.9	0.9967	0.7596	0.9942	0.9905	0.9867	0.9962	0.9930	0.9926
30.0	0.9982	0.8892	0.9958	0.9907	0.9898	0.9975	0.9927	0.9950
30.1	0.9987	0.9633	0.9988	0.9945	0.9977	0.9992	0.9948	0.9989
30.2	0.9989	0.9652	0.9986	0.9903	0.9973	0.9989	0.9911	0.9984
30.3	0.9980	0.9637	0.9982	0.9888	0.9967	0.9985	0.9905	0.9985
30.4	0.9981	0.9704	0.9981	0.9881	0.9959	0.9987	0.9899	0.9987
30.5	0.9986	0.9729	0.9973	0.9879	0.9928	0.9985	0.9893	0.9987
30.6	0.9977	0.9730	0.9968	0.9832	0.9914	0.9986	0.9858	0.9987
30.7	0.9976	0.9796	0.9965	0.9780	0.9911	0.9983	0.9815	0.9987
30.8	0.9981	0.9880	0.9970	0.9854	0.9926	0.9987	0.9866	0.9989
30.9	0.9977	0.9886	0.9979	0.9809	0.9955	0.9985	0.9832	0.9989
31.0	0.9964	0.9840	0.9961	0.9648	0.9900	0.9976	0.9696	0.9986
31.1	0.9973	0.9890	0.9947	0.9656	0.9853	0.9970	0.9681	0.9983
31.2	0.9965	0.9900	0.9945	0.9699	0.9807	0.9964	0.9706	0.9981
31.3	0.9970	0.9929	0.9954	0.9767	0.9868	0.9977	0.9777	0.9989
31.4	0.9970	0.9923	0.9935	0.9742	0.9840	0.9976	0.9759	0.9990
31.5	0.9970	0.9932	0.9914	0.9744	0.9765	0.9973	0.9759	0.9988
31.6	0.9965	0.9927	0.9890	0.9714	0.9665	0.9963	0.9721	0.9986
31.7	0.9970	0.9945	0.9895	0.9713	0.9657	0.9958	0.9713	0.9988
31.8	0.9961	0.9947	0.9925	0.9749	0.9673	0.9955	0.9754	0.9985
31.9	0.9960	0.9944	0.9918	0.9689	0.9600	0.9941	0.9694	0.9982
32.0	0.9956	0.9923	0.9872	0.9578	0.9324	0.9921	0.9585	0.9980
32.1	0.9936	0.9914	0.9885	0.9653	0.9145	0.9899	0.9653	0.9975
32.2	0.9924	0.9923	0.9885	0.9741	0.9005	0.9892	0.9732	0.9973
32.3	0.9872	0.9865	0.9890	0.9675	0.9269	0.9854	0.9661	0.9951
32.4	0.9927	0.9916	0.9922	0.9741	0.9590	0.9875	0.9730	0.9962
32.5	0.9943	0.9914	0.9933	0.9679	0.9690	0.9844	0.9658	0.9972
32.6	0.9948	0.9904	0.9934	0.9754	0.9792	0.9874	0.9740	0.9971
32.7	0.9935	0.9907	0.9939	0.9780	0.9818	0.9902	0.9769	0.9976
32.8	0.9924	0.9888	0.9946	0.9797	0.9837	0.9897	0.9783	0.9967
32.9	0.9920	0.9845	0.9939	0.9744	0.9812	0.9866	0.9716	0.9947
33.0	0.9926	0.9826	0.9926	0.9737	0.9861	0.9902	0.9708	0.9951
33.1	0.9923	0.9817	0.9929	0.9755	0.9874	0.9921	0.9724	0.9955
33.2	0.9951	0.9877	0.9958	0.9886	0.9926	0.9947	0.9865	0.9964
33.3	0.9947	0.9841	0.9958	0.9882	0.9913	0.9940	0.9858	0.9968
33.4	0.9960	0.9851	0.9968	0.9855	0.9948	0.9954	0.9822	0.9972
33.5	0.9966	0.9773	0.9957	0.9805	0.9934	0.9951	0.9754	0.9972
33.6	0.9955	0.9690	0.9960	0.9801	0.9935	0.9966	0.9749	0.9969
33.7	0.9937	0.9429	0.9944	0.9747	0.9924	0.9959	0.9678	0.9958

33.8	0.9925	0.9377	0.9941	0.9684	0.9935	0.9940	0.9552	0.9940
33.9	0.9936	0.9577	0.9959	0.9726	0.9936	0.9947	0.9583	0.9939
34.0	0.9929	0.9415	0.9946	0.9713	0.9910	0.9942	0.9552	0.9934
34.1	0.9895	0.9368	0.9923	0.9673	0.9887	0.9919	0.9500	0.9904
34.2	0.9896	0.9396	0.9914	0.9674	0.9874	0.9911	0.9530	0.9915
34.3	0.9921	0.9566	0.9936	0.9822	0.9916	0.9930	0.9750	0.9919
34.4	0.9943	0.9685	0.9959	0.9885	0.9943	0.9952	0.9844	0.9940
34.5	0.9934	0.9623	0.9959	0.9884	0.9920	0.9952	0.9831	0.9943
34.6	0.9934	0.9684	0.9962	0.9892	0.9924	0.9953	0.9837	0.9943
34.7	0.9953	0.9744	0.9969	0.9866	0.9948	0.9964	0.9801	0.9952
34.8	0.9950	0.9691	0.9966	0.9822	0.9946	0.9964	0.9714	0.9943
34.9	0.9963	0.9763	0.9974	0.9842	0.9960	0.9971	0.9728	0.9957
35.0	0.9962	0.9774	0.9979	0.9869	0.9968	0.9979	0.9761	0.9961
35.1	0.9951	0.9663	0.9967	0.9802	0.9944	0.9969	0.9609	0.9938
35.2	0.9976	0.9751	0.9973	0.9862	0.9964	0.9974	0.9660	0.9947
35.3	0.9976	0.9742	0.9974	0.9850	0.9967	0.9971	0.9619	0.9936
35.4	0.9979	0.9703	0.9974	0.9770	0.9961	0.9976	0.9463	0.9947
35.5	0.9982	0.9734	0.9976	0.9801	0.9962	0.9977	0.9453	0.9959
35.6	0.9985	0.9826	0.9984	0.9852	0.9976	0.9981	0.9526	0.9961
35.7	0.9975	0.9694	0.9975	0.9727	0.9963	0.9972	0.9353	0.9942
35.8	0.9981	0.9727	0.9978	0.9804	0.9960	0.9976	0.9644	0.9952
35.9	0.9982	0.9819	0.9978	0.9825	0.9964	0.9972	0.9715	0.9951
36.0	0.9967	0.9755	0.9980	0.9874	0.9957	0.9979	0.9795	0.9951
36.1	0.9959	0.9830	0.9980	0.9924	0.9964	0.9977	0.9889	0.9958
36.2	0.9964	0.9856	0.9980	0.9933	0.9967	0.9975	0.9893	0.9960
36.3	0.9973	0.9877	0.9984	0.9937	0.9969	0.9982	0.9907	0.9978
36.4	0.9966	0.9872	0.9987	0.9932	0.9975	0.9988	0.9909	0.9981
36.5	0.9957	0.9808	0.9982	0.9946	0.9964	0.9986	0.9928	0.9978
36.6	0.9979	0.9880	0.9985	0.9967	0.9978	0.9985	0.9951	0.9984
36.7	0.9970	0.9884	0.9986	0.9962	0.9974	0.9988	0.9950	0.9984
36.8	0.9975	0.9889	0.9988	0.9964	0.9978	0.9990	0.9949	0.9987
36.9	0.9967	0.9849	0.9983	0.9953	0.9968	0.9985	0.9924	0.9986
37.0	0.9969	0.9879	0.9985	0.9950	0.9976	0.9986	0.9919	0.9988
37.1	0.9972	0.9905	0.9984	0.9954	0.9979	0.9984	0.9940	0.9987
37.2	0.9967	0.9864	0.9978	0.9946	0.9967	0.9978	0.9929	0.9986
37.3	0.9964	0.9887	0.9978	0.9938	0.9963	0.9978	0.9915	0.9986
37.4	0.9975	0.9936	0.9984	0.9956	0.9972	0.9983	0.9935	0.9990
37.5	0.9969	0.9953	0.9988	0.9951	0.9973	0.9987	0.9928	0.9992
37.6	0.9974	0.9958	0.9986	0.9935	0.9972	0.9984	0.9905	0.9991
37.7	0.9948	0.9929	0.9973	0.9908	0.9955	0.9971	0.9855	0.9991
37.8	0.9956	0.9935	0.9978	0.9922	0.9961	0.9976	0.9883	0.9990
37.9	0.9926	0.9924	0.9974	0.9867	0.9944	0.9971	0.9781	0.9986
38.0	0.9935	0.9950	0.9978	0.9885	0.9959	0.9976	0.9795	0.9988
38.1	0.9937	0.9956	0.9975	0.9851	0.9950	0.9972	0.9739	0.9984
38.2	0.9954	0.9959	0.9979	0.9832	0.9939	0.9977	0.9677	0.9980
38.3	0.9951	0.9954	0.9986	0.9794	0.9947	0.9985	0.9436	0.9980
38.4	0.9940	0.9957	0.9983	0.9673	0.9940	0.9982	0.9140	0.9973
38.5	0.9958	0.9965	0.9986	0.9631	0.9947	0.9987	0.8657	0.9976
38.6	0.9962	0.9965	0.9985	0.9538	0.9942	0.9983	0.7735	0.9980
38.7	0.9957	0.9962	0.9987	0.9552	0.9922	0.9984	0.7035	0.9969
38.8	0.9949	0.9955	0.9983	0.9071	0.9907	0.9982	0.5324	0.9973
38.9	0.9947	0.9959	0.9979	0.8445	0.9863	0.9978	0.5455	0.9963
39.0	0.9944	0.9961	0.9981	0.8156	0.9811	0.9980	0.7982	0.9977
39.1	0.9946	0.9970	0.9989	0.8513	0.9832	0.9990	0.8979	0.9980
39.2	0.9909	0.9961	0.9983	0.7869	0.9672	0.9986	0.8688	0.9962
39.3	0.9927	0.9965	0.9983	0.8377	0.9747	0.9987	0.9256	0.9970
39.4	0.9908	0.9950	0.9973	0.7928	0.9277	0.9981	0.9453	0.9956
39.5	0.9912	0.9968	0.9977	0.8987	0.8882	0.9985	0.9654	0.9964
39.6	0.9854	0.9966	0.9974	0.8059	0.8316	0.9985	0.9195	0.9958
39.7	0.9835	0.9949	0.9971	0.7254	0.8439	0.9984	0.9030	0.9961
39.8	0.9899	0.9972	0.9974	0.9263	0.8241	0.9987	0.9675	0.9967
39.9	0.9890	0.9975	0.9973	0.9328	0.6446	0.9986	0.9701	0.9964
40.0	0.9927	0.9967	0.9974	0.9504	0.6221	0.9985	0.9761	0.9978
40.1	0.9917	0.9967	0.9974	0.9661	0.6554	0.9987	0.9811	0.9978
40.2	0.9892	0.9955	0.9964	0.9594	0.6590	0.9984	0.9778	0.9964
40.3	0.9875	0.9953	0.9963	0.9480	0.7494	0.9985	0.9707	0.9970
40.4	0.9902	0.9954	0.9964	0.9583	0.7441	0.9986	0.9762	0.9964
40.5	0.9909	0.9964	0.9966	0.9701	0.7906	0.9989	0.9827	0.9945
40.6	0.9909	0.9966	0.9973	0.9751	0.8810	0.9989	0.9829	0.9963
40.7	0.9886	0.9959	0.9962	0.9667	0.8305	0.9985	0.9780	0.9939
40.8	0.9861	0.9942	0.9949	0.9724	0.8011	0.9982	0.9806	0.9925
40.9	0.9913	0.9952	0.9946	0.9740	0.8609	0.9986	0.9757	0.9945
41.0	0.9858	0.9922	0.9926	0.9534	0.8037	0.9976	0.9531	0.9920
41.1	0.9920	0.9941	0.9957	0.9576	0.8677	0.9987	0.9583	0.9925
41.2	0.9923	0.9936	0.9955	0.9587	0.8775	0.9985	0.9568	0.9922
41.3	0.9903	0.9926	0.9940	0.9491	0.8672	0.9984	0.9522	0.9906
41.4	0.9888	0.9916	0.9931	0.9332	0.8311	0.9983	0.9340	0.9877
41.5	0.9904	0.9886	0.9937	0.9591	0.8662	0.9983	0.9558	0.9877
41.6	0.9930	0.9902	0.9952	0.9620	0.8834	0.9988	0.9612	0.9886
41.7	0.9913	0.9929	0.9928	0.9430	0.8907	0.9985	0.9411	0.9877
41.8	0.9863	0.9876	0.9858	0.9205	0.8211	0.9975	0.9195	0.9782
41.9	0.9801	0.9909	0.9884	0.9169	0.8657	0.9984	0.9113	0.9793
42.0	0.9755	0.9904	0.9912	0.9153	0.8950	0.9981	0.9134	0.9809
42.1	0.9792	0.9886	0.9877	0.9108	0.8891	0.9983	0.9086	0.9790
42.2	0.9656	0.9872	0.9823	0.8739	0.8592	0.9969	0.8647	0.9670
42.3	0.9703	0.9927	0.9849	0.9015	0.8805	0.9987	0.8929	0.9788

42.4	0.9648	0.9917	0.9799	0.8794	0.8343	0.9980	0.8610	0.9758
42.5	0.9445	0.9861	0.9706	0.7998	0.7509	0.9969	0.7637	0.9679
42.6	0.9408	0.9883	0.9764	0.8184	0.8217	0.9981	0.7907	0.9673
42.7	0.9336	0.9874	0.9741	0.8036	0.8519	0.9981	0.7711	0.9657
42.8	0.9503	0.9894	0.9814	0.8467	0.9025	0.9980	0.8100	0.9733
42.9	0.9555	0.9912	0.9798	0.8421	0.9082	0.9981	0.7978	0.9758
43.0	0.9355	0.9849	0.9702	0.7295	0.8758	0.9966	0.6761	0.9670
43.1	0.9328	0.9817	0.9661	0.7390	0.8682	0.9975	0.6989	0.9688
43.2	0.9526	0.9848	0.9697	0.7929	0.8846	0.9983	0.7651	0.9757
43.3	0.9638	0.9841	0.9752	0.8494	0.8857	0.9983	0.8320	0.9653
43.4	0.9794	0.9882	0.9831	0.8475	0.9103	0.9977	0.8278	0.9635
43.5	0.9712	0.9884	0.9787	0.8077	0.9165	0.9974	0.7728	0.9475
43.6	0.9656	0.9854	0.9752	0.7684	0.9242	0.9979	0.7074	0.9555
43.7	0.9729	0.9840	0.9767	0.7713	0.9436	0.9984	0.7055	0.9693
43.8	0.9810	0.9847	0.9743	0.8096	0.9493	0.9981	0.7717	0.9674
43.9	0.9876	0.9846	0.9773	0.8568	0.9565	0.9980	0.8283	0.9768
44.0	0.9893	0.9773	0.9724	0.8675	0.9305	0.9962	0.8338	0.9521
44.1	0.9853	0.9710	0.9669	0.8161	0.9153	0.9947	0.7530	0.8575
44.2	0.9793	0.9714	0.9688	0.8055	0.9415	0.9950	0.7357	0.8709
44.3	0.9754	0.9539	0.9660	0.7773	0.9348	0.9910	0.6853	0.9224
44.4	0.9867	0.9563	0.9671	0.5788	0.9032	0.9934	0.4238	0.9394
44.5	0.9887	0.9677	0.9709	0.6150	0.8976	0.9953	0.4735	0.9398
44.6	0.9884	0.9531	0.9583	0.5485	0.8850	0.9939	0.3903	0.9160
44.7	0.9851	0.9608	0.9649	0.0554	0.8996	0.9959	0.0022	0.9383
44.8	0.9859	0.9723	0.9744	0.2006	0.8992	0.9964	0.2183	0.9478
44.9	0.9886	0.9639	0.9522	0.5214	0.8970	0.9951	0.4878	0.9456
45.0	0.9903	0.9603	0.9573	0.6536	0.9262	0.9943	0.5738	0.9440
45.1	0.9924	0.9710	0.9736	0.7639	0.9268	0.9947	0.6635	0.9673
45.2	0.9912	0.9670	0.9759	0.7453	0.9082	0.9952	0.6417	0.9835
45.3	0.9899	0.9682	0.9784	0.6143	0.8854	0.9943	0.5394	0.9871
45.4	0.9904	0.9803	0.9836	0.7421	0.9122	0.9959	0.7199	0.9815
45.5	0.9905	0.9862	0.9853	0.7868	0.9356	0.9959	0.7364	0.9667
45.6	0.9843	0.9834	0.9853	0.8100	0.9299	0.9953	0.7395	0.9640
45.7	0.9809	0.9742	0.9855	0.8507	0.9357	0.9949	0.7879	0.9684
45.8	0.9833	0.9809	0.9854	0.8152	0.9499	0.9956	0.7272	0.9674
45.9	0.9852	0.9847	0.9880	0.8381	0.9692	0.9961	0.7509	0.9720
46.0	0.9792	0.9857	0.9888	0.7862	0.9656	0.9953	0.6462	0.9681
46.1	0.9685	0.9777	0.9832	0.4706	0.9307	0.9935	0.2212	0.9607
46.2	0.9708	0.9803	0.9852	0.4972	0.9125	0.9942	0.3724	0.9668
46.3	0.9767	0.9833	0.9910	0.6602	0.9438	0.9946	0.5190	0.9387
46.4	0.9819	0.9867	0.9933	0.4557	0.9744	0.9967	0.2397	0.9613
46.5	0.9804	0.9820	0.9923	0.3318	0.9622	0.9969	0.4333	0.9764
46.6	0.9838	0.9840	0.9923	0.5944	0.9626	0.9970	0.6966	0.9729
46.7	0.9820	0.9823	0.9926	0.7778	0.9652	0.9978	0.8253	0.9819
46.8	0.9800	0.9884	0.9940	0.8653	0.9604	0.9977	0.8751	0.9872
46.9	0.9801	0.9861	0.9939	0.9086	0.9697	0.9983	0.9022	0.9914
47.0	0.9852	0.9887	0.9951	0.9066	0.9706	0.9983	0.8954	0.9917
47.1	0.9857	0.9876	0.9957	0.9271	0.9720	0.9981	0.9189	0.9916
47.2	0.9814	0.9873	0.9957	0.9236	0.9680	0.9979	0.9147	0.9893
47.3	0.9835	0.9881	0.9957	0.8749	0.9713	0.9969	0.8708	0.9819
47.4	0.9831	0.9880	0.9948	0.7554	0.9536	0.9971	0.7867	0.9818
47.5	0.9826	0.9828	0.9928	0.8558	0.9165	0.9967	0.8730	0.9833
47.6	0.9835	0.9825	0.9925	0.9376	0.9645	0.9969	0.9380	0.9851
47.7	0.9817	0.9749	0.9949	0.9382	0.9799	0.9971	0.9220	0.9871
47.8	0.9889	0.9763	0.9942	0.9345	0.9815	0.9981	0.9113	0.9894
47.9	0.9845	0.9728	0.9941	0.9223	0.9664	0.9980	0.9068	0.9879
48.0	0.9853	0.9760	0.9943	0.9262	0.9700	0.9982	0.9147	0.9913
48.1	0.9857	0.9843	0.9952	0.9008	0.9736	0.9979	0.8898	0.9930
48.2	0.9845	0.9838	0.9958	0.9092	0.9717	0.9978	0.8851	0.9916
48.3	0.9817	0.9821	0.9924	0.8424	0.9167	0.9979	0.7800	0.9864
48.4	0.9739	0.9767	0.9906	0.8581	0.8738	0.9979	0.7990	0.9878
48.5	0.9806	0.9814	0.9949	0.8138	0.8804	0.9981	0.7864	0.9870
48.6	0.9739	0.9768	0.9918	0.7971	0.7749	0.9968	0.8090	0.9895
48.7	0.9740	0.9787	0.9886	0.8620	0.8847	0.9966	0.8611	0.9917
48.8	0.9826	0.9825	0.9915	0.9127	0.9606	0.9978	0.8913	0.9922
48.9	0.9630	0.9794	0.9918	0.7638	0.9281	0.9970	0.7568	0.9901
49.0	0.9564	0.9768	0.9948	0.8892	0.9188	0.9970	0.8889	0.9892
49.1	0.9542	0.9801	0.9933	0.8972	0.8702	0.9963	0.8979	0.9841
49.2	0.9612	0.9776	0.9895	0.9055	0.8641	0.9958	0.9087	0.9911
49.3	0.9694	0.9822	0.9941	0.9433	0.9522	0.9972	0.9331	0.9928
49.4	0.9596	0.9818	0.9943	0.9393	0.9607	0.9967	0.9285	0.9906
49.5	0.9309	0.9731	0.9916	0.8716	0.9408	0.9952	0.8677	0.9855
49.6	0.9288	0.9826	0.9918	0.8995	0.9416	0.9965	0.9080	0.9905
49.7	0.9171	0.9837	0.9916	0.9287	0.9623	0.9968	0.9327	0.9928
49.8	0.9123	0.9831	0.9897	0.9364	0.9388	0.9962	0.9378	0.9858
49.9	0.8526	0.9732	0.9803	0.8691	0.8797	0.9944	0.8779	0.9705
50.0	0.8994	0.9740	0.9874	0.9358	0.9282	0.9958	0.9384	0.9905
50.1	0.9291	0.9703	0.9898	0.9646	0.9681	0.9969	0.9648	0.9942
50.2	0.9068	0.9646	0.9867	0.9602	0.9605	0.9963	0.9629	0.9916
50.3	0.9043	0.9663	0.9846	0.9705	0.9746	0.9961	0.9708	0.9930
50.4	0.9075	0.9751	0.9839	0.9687	0.9811	0.9964	0.9697	0.9928
50.5	0.9127	0.9714	0.9800	0.9566	0.9784	0.9953	0.9561	0.9892
50.6	0.8847	0.9630	0.9830	0.9577	0.9794	0.9962	0.9506	0.9888
50.7	0.7616	0.9239	0.9772	0.9366	0.9663	0.9954	0.9236	0.9839
50.8	0.8035	0.9587	0.9797	0.9439	0.9631	0.9960	0.9418	0.9864
50.9	0.8625	0.9719	0.9765	0.9461	0.9568	0.9959	0.9474	0.9880

51.0	0.7915	0.9462	0.9445	0.8731	0.9121	0.9900	0.8851	0.9688
51.1	0.6474	0.9263	0.8891	0.8391	0.8783	0.9817	0.8408	0.9430
51.2	0.5962	0.9448	0.9444	0.8556	0.9295	0.9892	0.8447	0.9402
51.3	0.5718	0.9298	0.9209	0.7147	0.8228	0.9829	0.7461	0.9204
51.4	0.7168	0.9609	0.9258	0.9145	0.9257	0.9914	0.9219	0.9782
51.5	0.7724	0.9547	0.8538	0.9249	0.9607	0.9905	0.9262	0.9796
51.6	0.8266	0.9547	0.7224	0.9521	0.9739	0.9906	0.9484	0.9789
51.7	0.8362	0.9627	0.7669	0.9554	0.9795	0.9928	0.9511	0.9835
51.8	0.7394	0.9624	0.7540	0.9419	0.9728	0.9945	0.9390	0.9811
51.9	0.6524	0.9567	0.7612	0.9415	0.9794	0.9936	0.9402	0.9775
52.0	0.8501	0.9661	0.8142	0.9632	0.9854	0.9950	0.9599	0.9798
52.1	0.8589	0.9466	0.7212	0.9641	0.9840	0.9947	0.9607	0.9792
52.2	0.8942	0.9582	0.8124	0.9729	0.9867	0.9956	0.9709	0.9824
52.3	0.8927	0.9519	0.8826	0.9566	0.9813	0.9934	0.9513	0.9640
52.4	0.8433	0.9471	0.8528	0.9402	0.9797	0.9916	0.9348	0.9521
52.5	0.8587	0.9723	0.9086	0.9642	0.9887	0.9930	0.9601	0.9703
52.6	0.8270	0.9750	0.9314	0.9529	0.9860	0.9938	0.9447	0.9638
52.7	0.7544	0.9606	0.9112	0.9348	0.9775	0.9931	0.9267	0.9569
52.8	0.5767	0.9466	0.8379	0.9303	0.9718	0.9910	0.9235	0.9609
52.9	0.7064	0.9476	0.6498	0.8575	0.9273	0.9747	0.8522	0.9242
53.0	0.8415	0.9609	0.3056	0.9367	0.9600	0.9823	0.9350	0.9698
53.1	0.8727	0.9743	0.5530	0.9579	0.9734	0.9905	0.9549	0.9727
53.2	0.8855	0.9767	0.7011	0.9424	0.9758	0.9861	0.9379	0.9685
53.3	0.9338	0.9729	0.8659	0.9633	0.9837	0.9882	0.9593	0.9771
53.4	0.8560	0.9710	0.8890	0.9590	0.9765	0.9884	0.9554	0.9733
53.5	0.7435	0.9776	0.8247	0.9091	0.9675	0.9835	0.9038	0.9500
53.6	0.7994	0.9782	0.7382	0.9124	0.9644	0.9793	0.9090	0.9576
53.7	0.9158	0.9782	0.7756	0.9191	0.9336	0.9778	0.9148	0.9407
53.8	0.9365	0.9804	0.7482	0.9202	0.9284	0.9750	0.9168	0.9438
53.9	0.9439	0.9830	0.8839	0.9578	0.9705	0.9830	0.9552	0.9709
54.0	0.9326	0.9880	0.9458	0.9764	0.9860	0.9904	0.9742	0.9805
54.1	0.9037	0.9851	0.9262	0.9587	0.9770	0.9827	0.9545	0.9482
54.2	0.9170	0.9829	0.8791	0.9413	0.9642	0.9787	0.9359	0.9317
54.3	0.9425	0.9851	0.9303	0.9642	0.9785	0.9845	0.9611	0.9600
54.4	0.9202	0.9791	0.9564	0.9638	0.9792	0.9761	0.9600	0.9581
54.5	0.9355	0.9853	0.9650	0.9691	0.9853	0.9817	0.9654	0.9685
54.6	0.9560	0.9914	0.9690	0.9715	0.9865	0.9873	0.9673	0.9516
54.7	0.9586	0.9907	0.9528	0.9535	0.9726	0.9824	0.9472	0.9237
54.8	0.9537	0.9912	0.9430	0.9538	0.9637	0.9812	0.9508	0.9492
54.9	0.9665	0.9931	0.9762	0.9730	0.9831	0.9826	0.9708	0.9579
55.0	0.9695	0.9906	0.9847	0.9821	0.9915	0.9864	0.9806	0.9728
55.1	0.9636	0.9918	0.9836	0.9855	0.9942	0.9905	0.9843	0.9802
55.2	0.9624	0.9901	0.9832	0.9851	0.9946	0.9902	0.9833	0.9778
55.3	0.9615	0.9902	0.9848	0.9813	0.9932	0.9873	0.9784	0.9698
55.4	0.9516	0.9904	0.9711	0.9601	0.9863	0.9811	0.9541	0.9419
55.5	0.9402	0.9911	0.9493	0.9318	0.9652	0.9690	0.9236	0.9086
55.6	0.9499	0.9923	0.9741	0.9698	0.9851	0.9827	0.9662	0.9492
55.7	0.9486	0.9915	0.9868	0.9864	0.9940	0.9866	0.9849	0.9704
55.8	0.9465	0.9927	0.9875	0.9874	0.9961	0.9882	0.9861	0.9763
55.9	0.9261	0.9904	0.9851	0.9830	0.9934	0.9844	0.9809	0.9599
56.0	0.8764	0.9859	0.9509	0.8923	0.9532	0.9365	0.8736	0.8404
56.1	0.9172	0.9885	0.9458	0.9002	0.9464	0.9333	0.8896	0.8433
56.2	0.9172	0.9911	0.9813	0.9723	0.9873	0.9736	0.9692	0.9393
56.3	0.9340	0.9943	0.9896	0.9859	0.9953	0.9819	0.9847	0.9655
56.4	0.9237	0.9912	0.9858	0.9804	0.9951	0.9782	0.9783	0.9686
56.5	0.9414	0.9891	0.9886	0.9835	0.9958	0.9824	0.9809	0.9745
56.6	0.9465	0.9894	0.9908	0.9833	0.9966	0.9836	0.9800	0.9667
56.7	0.9452	0.9913	0.9909	0.9816	0.9971	0.9797	0.9787	0.9619
56.8	0.9348	0.9918	0.9909	0.9786	0.9962	0.9704	0.9753	0.9651
56.9	0.9419	0.9935	0.9918	0.9793	0.9958	0.9735	0.9754	0.9753
57.0	0.9402	0.9931	0.9909	0.9749	0.9958	0.9701	0.9703	0.9663
57.1	0.9291	0.9898	0.9779	0.9264	0.9776	0.9481	0.9138	0.9403
57.2	0.9380	0.9906	0.9692	0.9155	0.9634	0.9459	0.9031	0.8984
57.3	0.9544	0.9930	0.9909	0.9762	0.9913	0.9723	0.9717	0.9493
57.4	0.9565	0.9938	0.9908	0.9800	0.9943	0.9744	0.9771	0.9679
57.5	0.9606	0.9933	0.9918	0.9783	0.9960	0.9752	0.9756	0.9672
57.6	0.9321	0.9879	0.9877	0.9650	0.9927	0.9524	0.9587	0.9442
57.7	0.9314	0.9897	0.9829	0.9568	0.9930	0.9546	0.9503	0.9504
57.8	0.9466	0.9909	0.9853	0.9645	0.9953	0.9677	0.9597	0.9633
57.9	0.9655	0.9933	0.9905	0.9757	0.9957	0.9736	0.9712	0.9643
58.0	0.9621	0.9911	0.9897	0.9640	0.9952	0.9598	0.9567	0.9605
58.1	0.9599	0.9898	0.9864	0.9572	0.9942	0.9585	0.9501	0.9737
58.2	0.9616	0.9921	0.9894	0.9685	0.9961	0.9700	0.9639	0.9851
58.3	0.9603	0.9927	0.9889	0.9694	0.9966	0.9707	0.9634	0.9813
58.4	0.9552	0.9920	0.9899	0.9688	0.9951	0.9651	0.9625	0.9813
58.5	0.9600	0.9910	0.9886	0.9651	0.9951	0.9674	0.9588	0.9865
58.6	0.9650	0.9921	0.9882	0.9600	0.9948	0.9702	0.9557	0.9850
58.7	0.9654	0.9922	0.9905	0.9636	0.9954	0.9672	0.9603	0.9883
58.8	0.9676	0.9920	0.9891	0.9664	0.9949	0.9683	0.9624	0.9854
58.9	0.9619	0.9915	0.9877	0.9590	0.9934	0.9645	0.9531	0.9842
59.0	0.9093	0.9880	0.9880	0.9608	0.9938	0.9637	0.9553	0.9808
59.1	0.9100	0.9871	0.9904	0.9690	0.9942	0.9684	0.9631	0.9835
59.2	0.9492	0.9897	0.9915	0.9706	0.9951	0.9672	0.9649	0.9877
59.3	0.9462	0.9880	0.9903	0.9696	0.9948	0.9696	0.9649	0.9881
59.4	0.9569	0.9863	0.9912	0.9756	0.9959	0.9753	0.9716	0.9899
59.5	0.9414	0.9793	0.9875	0.9608	0.9937	0.9536	0.9521	0.9891

59.6	0.9326	0.9744	0.9858	0.9538	0.9917	0.9486	0.9459	0.9862
59.7	0.9348	0.9691	0.9884	0.9624	0.9946	0.9530	0.9567	0.9885
59.8	0.9294	0.9610	0.9883	0.9643	0.9937	0.9503	0.9596	0.9903
59.9	0.9271	0.9520	0.9802	0.9589	0.9904	0.9462	0.9551	0.9849
60.0	0.8952	0.8767	0.9511	0.9481	0.9892	0.9272	0.9440	0.9775
60.1	0.9187	0.7945	0.9784	0.9519	0.9919	0.9342	0.9472	0.9871
60.2	0.9742	0.8949	0.9935	0.9759	0.9952	0.9704	0.9718	0.9928
60.3	0.9746	0.9181	0.9922	0.9737	0.9957	0.9596	0.9683	0.9923
60.4	0.9569	0.8881	0.9882	0.9559	0.9932	0.9301	0.9486	0.9886
60.5	0.9631	0.9148	0.9917	0.9632	0.9935	0.9439	0.9587	0.9915
60.6	0.9722	0.9421	0.9933	0.9720	0.9951	0.9468	0.9677	0.9941
60.7	0.9693	0.9392	0.9935	0.9734	0.9950	0.9534	0.9697	0.9937
60.8	0.9778	0.9586	0.9946	0.9783	0.9954	0.9608	0.9743	0.9948
60.9	0.9722	0.9679	0.9951	0.9780	0.9960	0.9579	0.9731	0.9942
61.0	0.9712	0.9749	0.9952	0.9768	0.9960	0.9603	0.9724	0.9951
61.1	0.9508	0.9633	0.9923	0.9654	0.9932	0.9343	0.9589	0.9954
61.2	0.9590	0.9628	0.9943	0.9736	0.9947	0.9474	0.9698	0.9956
61.3	0.9540	0.9546	0.9938	0.9710	0.9933	0.9398	0.9660	0.9951
61.4	0.9321	0.9458	0.9905	0.9514	0.9909	0.9171	0.9422	0.9898
61.5	0.9659	0.9616	0.9953	0.9709	0.9955	0.9513	0.9642	0.9937
61.6	0.9683	0.9756	0.9951	0.9677	0.9952	0.9572	0.9605	0.9956
61.7	0.9614	0.9714	0.9949	0.9658	0.9943	0.9485	0.9568	0.9942
61.8	0.9442	0.9593	0.9947	0.9612	0.9936	0.9379	0.9498	0.9942
61.9	0.9605	0.9694	0.9957	0.9688	0.9954	0.9591	0.9602	0.9948
62.0	0.9629	0.9695	0.9953	0.9631	0.9952	0.9604	0.9518	0.9953
62.1	0.9597	0.9607	0.9937	0.9446	0.9945	0.9504	0.9263	0.9948
62.2	0.9557	0.9683	0.9948	0.9389	0.9954	0.9371	0.9198	0.9948
62.3	0.9514	0.9641	0.9956	0.9304	0.9958	0.9369	0.9050	0.9951
62.4	0.9539	0.9695	0.9960	0.9438	0.9955	0.9515	0.9228	0.9967
62.5	0.9616	0.9743	0.9961	0.9508	0.9949	0.9610	0.9336	0.9955
62.6	0.9610	0.9720	0.9946	0.9464	0.9947	0.9604	0.9282	0.9947
62.7	0.9650	0.9691	0.9950	0.9488	0.9934	0.9651	0.9324	0.9950
62.8	0.9570	0.9489	0.9925	0.9125	0.9916	0.9384	0.8848	0.9896
62.9	0.9467	0.9539	0.9945	0.9400	0.9923	0.9542	0.9194	0.9903
63.0	0.9638	0.9725	0.9968	0.9638	0.9951	0.9775	0.9520	0.9968
63.1	0.9590	0.9735	0.9961	0.9590	0.9950	0.9706	0.9481	0.9967
63.2	0.9454	0.9585	0.9938	0.9408	0.9935	0.9642	0.9228	0.9948
63.3	0.9519	0.9696	0.9945	0.9322	0.9945	0.9651	0.9124	0.9953
63.4	0.9265	0.9598	0.9934	0.9328	0.9938	0.9590	0.9140	0.9927
63.5	0.9425	0.9761	0.9953	0.9589	0.9948	0.9645	0.9483	0.9951
63.6	0.9256	0.9650	0.9935	0.9368	0.9929	0.9512	0.9244	0.9923
63.7	0.9089	0.9707	0.9936	0.9501	0.9916	0.9523	0.9404	0.9916
63.8	0.9358	0.9708	0.9956	0.9605	0.9915	0.9627	0.9517	0.9941
63.9	0.9266	0.9682	0.9965	0.9648	0.9917	0.9609	0.9568	0.9930
64.0	0.9115	0.9706	0.9970	0.9596	0.9936	0.9583	0.9499	0.9923
64.1	0.9085	0.9703	0.9965	0.9632	0.9934	0.9593	0.9552	0.9917
64.2	0.8859	0.9653	0.9957	0.9614	0.9908	0.9527	0.9550	0.9899
64.3	0.8853	0.9588	0.9949	0.9634	0.9877	0.9589	0.9558	0.9928
64.4	0.8842	0.9659	0.9939	0.9676	0.9877	0.9525	0.9615	0.9936
64.5	0.8852	0.9661	0.9943	0.9621	0.9874	0.9429	0.9569	0.9891
64.6	0.8577	0.9666	0.9945	0.9561	0.9890	0.9502	0.9487	0.9878
64.7	0.8748	0.9646	0.9947	0.9491	0.9917	0.9442	0.9384	0.9900
64.8	0.8912	0.9672	0.9954	0.9592	0.9921	0.9579	0.9520	0.9913
64.9	0.8779	0.9608	0.9953	0.9614	0.9903	0.9509	0.9544	0.9893
65.0	0.8882	0.9716	0.9954	0.9600	0.9919	0.9371	0.9537	0.9869
65.1	0.8810	0.9646	0.9954	0.9598	0.9888	0.9221	0.9542	0.9848
65.2	0.8811	0.9664	0.9962	0.9611	0.9886	0.9401	0.9555	0.9860
65.3	0.9183	0.9700	0.9964	0.9645	0.9903	0.9554	0.9588	0.9869
65.4	0.9345	0.9691	0.9959	0.9660	0.9909	0.9528	0.9608	0.9873
65.5	0.9167	0.9651	0.9964	0.9597	0.9920	0.9409	0.9525	0.9859
65.6	0.9364	0.9662	0.9962	0.9620	0.9927	0.9427	0.9564	0.9855
65.7	0.9483	0.9687	0.9971	0.9684	0.9938	0.9592	0.9632	0.9882
65.8	0.9252	0.9687	0.9964	0.9651	0.9937	0.9637	0.9599	0.9869
65.9	0.9383	0.9597	0.9953	0.9558	0.9908	0.9628	0.9489	0.9858
66.0	0.9426	0.9539	0.9954	0.9546	0.9891	0.9557	0.9463	0.9819
66.1	0.9298	0.9482	0.9948	0.9544	0.9897	0.9526	0.9457	0.9787
66.2	0.9255	0.9389	0.9924	0.9412	0.9879	0.9525	0.9311	0.9776
66.3	0.9456	0.9558	0.9942	0.9430	0.9913	0.9589	0.9355	0.9817
66.4	0.9501	0.9549	0.9964	0.9386	0.9929	0.9646	0.9300	0.9853
66.5	0.9682	0.9629	0.9957	0.9470	0.9924	0.9645	0.9430	0.9862
66.6	0.9699	0.9648	0.9952	0.9477	0.9929	0.9668	0.9429	0.9852
66.7	0.9637	0.9614	0.9957	0.9368	0.9935	0.9554	0.9330	0.9820
66.8	0.9669	0.9585	0.9956	0.9395	0.9923	0.9591	0.9353	0.9860
66.9	0.9560	0.9565	0.9948	0.9276	0.9908	0.9617	0.9245	0.9824
67.0	0.9648	0.9501	0.9939	0.9249	0.9892	0.9567	0.9241	0.9826
67.1	0.9707	0.9623	0.9951	0.9213	0.9916	0.9483	0.9215	0.9820
67.2	0.9736	0.9555	0.9955	0.8981	0.9923	0.9476	0.8971	0.9781
67.3	0.9793	0.9521	0.9965	0.9256	0.9937	0.9610	0.9228	0.9839
67.4	0.9769	0.9566	0.9960	0.9222	0.9935	0.9550	0.9218	0.9843
67.5	0.9636	0.9555	0.9937	0.8725	0.9909	0.9299	0.8774	0.9808
67.6	0.9735	0.9516	0.9940	0.8657	0.9894	0.9135	0.8728	0.9818
67.7	0.9842	0.9517	0.9955	0.8876	0.9930	0.9165	0.8965	0.9818
67.8	0.9855	0.9489	0.9954	0.8912	0.9930	0.9178	0.9085	0.9819
67.9	0.9824	0.9503	0.9951	0.8175	0.9919	0.8769	0.8631	0.9793
68.0	0.9820	0.9567	0.9956	0.8175	0.9933	0.8638	0.8685	0.9852
68.1	0.9804	0.9605	0.9943	0.7696	0.9927	0.8330	0.8661	0.9813

68.2	0.9826	0.9548	0.9936	0.6814	0.9916	0.7416	0.8421	0.9729
68.3	0.9818	0.9519	0.9947	0.6522	0.9931	0.7251	0.8491	0.9765
68.4	0.9808	0.9481	0.9932	0.5375	0.9910	0.7412	0.8271	0.9710
68.5	0.9850	0.9626	0.9944	0.3755	0.9915	0.7229	0.7845	0.9751
68.6	0.9869	0.9600	0.9949	0.3580	0.9924	0.7572	0.8274	0.9740
68.7	0.9822	0.9449	0.9926	0.3581	0.9897	0.7201	0.8383	0.9630
68.8	0.9799	0.9544	0.9911	0.3435	0.9898	0.7094	0.8218	0.9714
68.9	0.9881	0.9684	0.9948	0.5216	0.9943	0.7074	0.8765	0.9780
69.0	0.9815	0.9524	0.9930	0.5380	0.9930	0.5976	0.8450	0.9692
69.1	0.9789	0.9501	0.9921	0.6766	0.9907	0.6510	0.8457	0.9704
69.2	0.9807	0.9579	0.9921	0.8319	0.9914	0.6413	0.9193	0.9673
69.3	0.9848	0.9659	0.9932	0.8784	0.9929	0.7159	0.9246	0.9748
69.4	0.9855	0.9634	0.9935	0.8703	0.9932	0.7157	0.9117	0.9750
69.5	0.9814	0.9604	0.9907	0.8648	0.9899	0.5029	0.8938	0.9582
69.6	0.9808	0.9514	0.9865	0.8944	0.9846	0.5059	0.9106	0.9502
69.7	0.9880	0.9534	0.9916	0.9345	0.9895	0.7124	0.9376	0.9619
69.8	0.9846	0.9554	0.9900	0.9394	0.9895	0.7100	0.9403	0.9618
69.9	0.9761	0.9603	0.9849	0.9141	0.9856	0.6615	0.9161	0.9550
70.0	0.9795	0.9569	0.9840	0.9302	0.9842	0.6165	0.9232	0.9535
70.1	0.9808	0.9545	0.9849	0.9269	0.9853	0.6084	0.9205	0.9523
70.2	0.9839	0.9615	0.9877	0.9369	0.9864	0.6208	0.9314	0.9581
70.3	0.9865	0.9528	0.9881	0.9559	0.9860	0.6481	0.9518	0.9566
70.4	0.9861	0.9568	0.9879	0.9594	0.9856	0.5997	0.9544	0.9487
70.5	0.9893	0.9647	0.9902	0.9709	0.9884	0.5742	0.9672	0.9525
70.6	0.9827	0.9585	0.9859	0.9715	0.9829	0.5636	0.9665	0.9496
70.7	0.9794	0.9470	0.9834	0.9634	0.9791	0.4626	0.9575	0.9421
70.8	0.9790	0.9456	0.9820	0.9517	0.9765	0.3079	0.9441	0.9401
70.9	0.9806	0.9541	0.9854	0.9729	0.9808	0.2356	0.9668	0.9439
71.0	0.9820	0.9543	0.9867	0.9751	0.9820	0.1271	0.9700	0.9481
71.1	0.9808	0.9555	0.9865	0.9730	0.9819	0.0800	0.9686	0.9533
71.2	0.9844	0.9548	0.9873	0.9742	0.9829	0.1743	0.9691	0.9530
71.3	0.9807	0.9498	0.9855	0.9747	0.9803	0.1627	0.9693	0.9513
71.4	0.9771	0.9511	0.9830	0.9705	0.9791	0.2805	0.9648	0.9507
71.5	0.9827	0.9466	0.9838	0.9774	0.9810	0.4224	0.9739	0.9519
71.6	0.9859	0.9532	0.9871	0.9761	0.9833	0.5774	0.9708	0.9580
71.7	0.9839	0.9558	0.9876	0.9771	0.9838	0.6671	0.9719	0.9609
71.8	0.9800	0.9554	0.9838	0.9726	0.9801	0.6494	0.9670	0.9577
71.9	0.9756	0.9531	0.9829	0.9759	0.9774	0.7481	0.9722	0.9532
72.0	0.9742	0.9260	0.9778	0.9673	0.9711	0.7412	0.9617	0.9350
72.1	0.9778	0.9283	0.9797	0.9724	0.9755	0.7908	0.9673	0.9389
72.2	0.9801	0.9307	0.9801	0.9750	0.9722	0.8142	0.9714	0.9363
72.3	0.9755	0.9467	0.9820	0.9735	0.9760	0.8642	0.9708	0.9549
72.4	0.9754	0.9506	0.9854	0.9784	0.9796	0.8804	0.9757	0.9636
72.5	0.9703	0.9342	0.9775	0.9728	0.9717	0.8726	0.9700	0.9462
72.6	0.9693	0.9200	0.9769	0.9692	0.9687	0.8557	0.9667	0.9388
72.7	0.9610	0.9137	0.9685	0.9602	0.9585	0.7860	0.9545	0.9179
72.8	0.9692	0.9125	0.9679	0.9602	0.9605	0.8178	0.9561	0.9220
72.9	0.9555	0.9137	0.9608	0.9517	0.9587	0.8444	0.9458	0.9208
73.0	0.9627	0.9269	0.9675	0.9590	0.9658	0.8631	0.9548	0.9308
73.1	0.9644	0.9348	0.9704	0.9610	0.9656	0.8964	0.9575	0.9367
73.2	0.9655	0.9246	0.9749	0.9617	0.9676	0.8810	0.9571	0.9426
73.3	0.9643	0.9198	0.9713	0.9621	0.9648	0.8653	0.9595	0.9363
73.4	0.9589	0.9094	0.9621	0.9556	0.9576	0.8792	0.9518	0.9203
73.5	0.9552	0.9253	0.9611	0.9586	0.9595	0.9109	0.9565	0.9236
73.6	0.9455	0.9217	0.9545	0.9540	0.9538	0.9044	0.9524	0.9140
73.7	0.9524	0.9437	0.9671	0.9633	0.9634	0.9150	0.9610	0.9396
73.8	0.9497	0.9366	0.9693	0.9626	0.9593	0.9085	0.9594	0.9308
73.9	0.9479	0.9279	0.9614	0.9597	0.9594	0.8943	0.9525	0.9208
74.0	0.9516	0.9417	0.9597	0.9657	0.9636	0.9119	0.9627	0.9284
74.1	0.9373	0.9330	0.9472	0.9490	0.9520	0.9173	0.9477	0.9133
74.2	0.9315	0.9221	0.9436	0.9403	0.9505	0.9103	0.9331	0.9164
74.3	0.9406	0.9366	0.9485	0.9384	0.9568	0.9143	0.9276	0.9236
74.4	0.9209	0.9374	0.9380	0.9370	0.9477	0.9203	0.9291	0.9128
74.5	0.9210	0.9438	0.9394	0.9397	0.9474	0.9306	0.9353	0.9170
74.6	0.9341	0.9507	0.9476	0.9391	0.9533	0.9224	0.9287	0.9220
74.7	0.9190	0.9515	0.9492	0.9427	0.9496	0.9297	0.9340	0.9229
74.8	0.9133	0.9490	0.9472	0.9481	0.9528	0.9217	0.9443	0.9198
74.9	0.9131	0.9676	0.9512	0.9461	0.9552	0.9430	0.9432	0.9339
75.0	0.9089	0.9658	0.9456	0.9374	0.9558	0.9486	0.9301	0.9376
75.1	0.9059	0.9698	0.9498	0.9325	0.9542	0.9325	0.9204	0.9404
75.2	0.8906	0.9592	0.9407	0.9047	0.9528	0.9261	0.8779	0.9440
75.3	0.8857	0.9565	0.9438	0.9157	0.9568	0.9415	0.8963	0.9449
75.4	0.8824	0.9690	0.9487	0.9242	0.9597	0.9486	0.9005	0.9480
75.5	0.8881	0.9605	0.9302	0.9201	0.9430	0.9299	0.9049	0.9206
75.6	0.8681	0.9634	0.9179	0.9177	0.9395	0.9269	0.9056	0.9131
75.7	0.8426	0.9631	0.9273	0.9186	0.9473	0.9306	0.8985	0.9280
75.8	0.8050	0.9597	0.9177	0.9082	0.9401	0.9238	0.8829	0.9228
75.9	0.8135	0.9638	0.9237	0.9034	0.9325	0.9247	0.8758	0.9183
76.0	0.8079	0.9652	0.9203	0.8933	0.9297	0.9237	0.8678	0.9196
76.1	0.8149	0.9687	0.9121	0.8665	0.9382	0.9300	0.8198	0.9278
76.2	0.7509	0.9669	0.9029	0.8663	0.9287	0.9063	0.8273	0.9187
76.3	0.7508	0.9715	0.8808	0.7969	0.9170	0.8942	0.7254	0.9012
76.4	0.7601	0.9646	0.9175	0.8326	0.9379	0.9141	0.7637	0.9316
76.5	0.7826	0.9676	0.9298	0.8593	0.9532	0.9363	0.7834	0.9463
76.6	0.8129	0.9727	0.9238	0.8588	0.9451	0.9189	0.7739	0.9349
76.7	0.8190	0.9775	0.9234	0.8741	0.9440	0.9276	0.8110	0.9380

76.8	0.8546	0.9828	0.9369	0.8776	0.9460	0.9248	0.8143	0.9372
76.9	0.8754	0.9849	0.9385	0.8801	0.9524	0.9186	0.8053	0.9405
77.0	0.8454	0.9784	0.8933	0.8320	0.9295	0.8894	0.7478	0.9133
77.1	0.8420	0.9714	0.8845	0.8207	0.9141	0.8713	0.7405	0.8948
77.2	0.8440	0.9772	0.9221	0.8689	0.9318	0.8957	0.8041	0.9242
77.3	0.8565	0.9778	0.8945	0.8351	0.9212	0.9031	0.7563	0.9208
77.4	0.7771	0.9753	0.8569	0.7903	0.9064	0.8912	0.6907	0.8944
77.5	0.8471	0.9837	0.8920	0.8591	0.9206	0.8909	0.7593	0.9073
77.6	0.8496	0.9862	0.9092	0.8673	0.9374	0.8861	0.7638	0.9218
77.7	0.8185	0.9837	0.8867	0.8270	0.9174	0.8555	0.7217	0.9119
77.8	0.8194	0.9842	0.9079	0.8637	0.9235	0.8815	0.7850	0.9188
77.9	0.8219	0.9841	0.8962	0.8622	0.9127	0.8726	0.7922	0.9022
78.0	0.8399	0.9842	0.8975	0.8406	0.9196	0.8576	0.7362	0.9088
78.1	0.8623	0.9879	0.9174	0.8727	0.9262	0.8652	0.7768	0.9253
78.2	0.8407	0.9861	0.8995	0.9012	0.9116	0.8420	0.8436	0.9016
78.3	0.8585	0.9876	0.9057	0.8812	0.9182	0.8637	0.7915	0.9047
78.4	0.8813	0.9876	0.9090	0.8737	0.9312	0.8922	0.7905	0.9212
78.5	0.8891	0.9897	0.9107	0.8708	0.9382	0.8923	0.7691	0.9332
78.6	0.9000	0.9919	0.9135	0.8666	0.9363	0.8918	0.7694	0.9284
78.7	0.8854	0.9932	0.9243	0.8825	0.9466	0.9223	0.7907	0.9365
78.8	0.8762	0.9919	0.9357	0.8998	0.9478	0.9188	0.7924	0.9438
78.9	0.8532	0.9734	0.8663	0.8621	0.8669	0.7981	0.7779	0.8550
79.0	0.8618	0.9725	0.8669	0.8793	0.8678	0.7973	0.8125	0.8648
79.1	0.8452	0.9799	0.8822	0.8776	0.8894	0.8032	0.7744	0.8832
79.2	0.8656	0.9847	0.9076	0.8865	0.9319	0.8178	0.7623	0.9271
79.3	0.8645	0.9870	0.9239	0.9124	0.9218	0.7960	0.7579	0.9251
79.4	0.8816	0.9898	0.9235	0.9148	0.9235	0.8290	0.7884	0.9255
79.5	0.8699	0.9906	0.9045	0.8809	0.9288	0.8460	0.7152	0.9210
79.6	0.8794	0.9918	0.8979	0.8820	0.9295	0.8613	0.6816	0.9237
79.7	0.8855	0.9895	0.8914	0.8892	0.8965	0.7856	0.7140	0.8981
79.8	0.8393	0.9863	0.8960	0.9058	0.9034	0.7843	0.7469	0.8945
79.9	0.8357	0.9869	0.9010	0.8869	0.8892	0.8273	0.7058	0.8779
80.0	0.9019	0.9858	0.9246	0.9133	0.9241	0.8792	0.7810	0.9201

2.2.87 Run 8 – VT315 – Accels 17–24

Vertical shaking at 315°. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0884	0.0103	0.2930	0.1279	0.0950	0.0227	0.0382	0.0496
0.1	0.0011	0.0028	0.0419	0.0087	0.0040	0.0137	0.0050	0.0110
0.2	0.1052	0.0298	0.0186	0.0212	0.0177	0.0079	0.0051	0.0207
0.3	0.0508	0.0005	0.0181	0.0129	0.0227	0.0095	0.0015	0.0042
0.4	0.0090	0.0278	0.1267	0.0083	0.0201	0.0082	0.0221	0.0050
0.5	0.0178	0.0074	0.3403	0.0054	0.0008	0.0030	0.0591	0.0364
0.6	0.0122	0.0253	0.5670	0.0235	0.0159	0.0108	0.0298	0.0042
0.7	0.0723	0.0675	0.6162	0.0179	0.0068	0.0076	0.0317	0.0072
0.8	0.0981	0.0869	0.6854	0.0149	0.0007	0.0177	0.0131	0.0015
0.9	0.0591	0.0163	0.7061	0.0114	0.0228	0.0181	0.0196	0.0147
1.0	0.0448	0.0135	0.7770	0.0623	0.0480	0.0100	0.0566	0.0398
1.1	0.0582	0.0091	0.8390	0.0130	0.0279	0.0216	0.0289	0.0589
1.2	0.0523	0.0313	0.8687	0.0160	0.0320	0.0057	0.0320	0.0227
1.3	0.1391	0.0597	0.8841	0.0199	0.0288	0.0186	0.0292	0.0047
1.4	0.2137	0.1229	0.9067	0.0052	0.1163	0.0225	0.0156	0.0312
1.5	0.1361	0.1768	0.8878	0.1088	0.2203	0.0115	0.0195	0.1572
1.6	0.1477	0.2534	0.9329	0.1379	0.2218	0.0095	0.1836	0.1819
1.7	0.1567	0.1984	0.9471	0.1598	0.2783	0.0190	0.2867	0.2308
1.8	0.2576	0.5347	0.9411	0.1848	0.4265	0.0186	0.3785	0.0010
1.9	0.4027	0.6651	0.9391	0.1724	0.4827	0.0014	0.4774	0.2703
2.0	0.3407	0.4066	0.8335	0.2412	0.1756	0.0029	0.5524	0.3260
2.1	0.4335	0.3540	0.4227	0.4239	0.3522	0.0235	0.4061	0.3538
2.2	0.3608	0.3105	0.0621	0.4058	0.3304	0.0149	0.0862	0.3130
2.3	0.2960	0.3110	0.5701	0.3337	0.3544	0.0003	0.1533	0.3192
2.4	0.1394	0.3497	0.9214	0.1074	0.3515	0.0044	0.1021	0.3709
2.5	0.0514	0.4677	0.9608	0.0373	0.4352	0.0114	0.0460	0.4672
2.6	0.3518	0.5985	0.9858	0.3176	0.6154	0.0401	0.3001	0.6055
2.7	0.6260	0.8137	0.9889	0.6543	0.7456	0.0046	0.6374	0.7738
2.8	0.5120	0.8233	0.9891	0.4923	0.6823	0.0105	0.5097	0.6989
2.9	0.3377	0.6098	0.9917	0.3899	0.5419	0.0062	0.3632	0.5456
3.0	0.1688	0.4855	0.9926	0.3399	0.4535	0.0029	0.2854	0.5547
3.1	0.1244	0.4258	0.9902	0.2063	0.3880	0.0063	0.2074	0.4121
3.2	0.0981	0.3883	0.9859	0.0732	0.2424	0.0229	0.1194	0.3101
3.3	0.1040	0.4315	0.9864	0.0635	0.2525	0.0103	0.0428	0.3059
3.4	0.1144	0.4319	0.9822	0.1022	0.1496	0.0008	0.0535	0.3768
3.5	0.1290	0.3395	0.9738	0.1334	0.1349	0.0568	0.0349	0.3517
3.6	0.1143	0.2393	0.9580	0.0666	0.1587	0.0942	0.0130	0.2442
3.7	0.1357	0.1102	0.9807	0.0731	0.0359	0.0050	0.0981	0.1341
3.8	0.4131	0.4104	0.9975	0.2003	0.2266	0.0007	0.4875	0.3133
3.9	0.6914	0.3638	0.9990	0.5068	0.1389	0.0403	0.6810	0.2698
4.0	0.7186	0.0372	0.9989	0.4712	0.0065	0.1238	0.6660	0.0555
4.1	0.7662	0.1555	0.9989	0.4084	0.0996	0.1546	0.6281	0.1138
4.2	0.7295	0.1331	0.9988	0.4173	0.0903	0.1583	0.6094	0.1358
4.3	0.5982	0.1860	0.9983	0.1806	0.1375	0.0903	0.4282	0.0896
4.4	0.5748	0.3993	0.9982	0.2044	0.2344	0.0535	0.2697	0.2893
4.5	0.4347	0.4253	0.9977	0.0809	0.2835	0.0226	0.0711	0.3812
4.6	0.3843	0.4971	0.9980	0.0377	0.3616	0.0363	0.0088	0.5617
4.7	0.2304	0.4945	0.9966	0.0497	0.5656	0.0767	0.1478	0.5450
4.8	0.6326	0.6957	0.9968	0.3600	0.6901	0.0870	0.5164	0.7779
4.9	0.5945	0.6349	0.9944	0.2090	0.6726	0.1082	0.4265	0.6275
5.0	0.5398	0.3133	0.9956	0.1946	0.3593	0.1194	0.1319	0.3873
5.1	0.7088	0.4987	0.9984	0.4640	0.5613	0.1677	0.4387	0.5626
5.2	0.8234	0.4770	0.9989	0.7450	0.4999	0.1425	0.7160	0.5470
5.3	0.7678	0.2900	0.9978	0.6444	0.1881	0.0570	0.5598	0.2448
5.4	0.4268	0.1154	0.9874	0.3617	0.0095	0.0286	0.3294	0.0066
5.5	0.0433	0.3385	0.9888	0.3478	0.1522	0.0743	0.4313	0.0794
5.6	0.5475	0.5869	0.9977	0.4975	0.4919	0.0509	0.6672	0.4995
5.7	0.8413	0.6990	0.9990	0.5162	0.6876	0.1697	0.6336	0.7248
5.8	0.9306	0.8534	0.9992	0.6846	0.8441	0.3760	0.7066	0.8949
5.9	0.9573	0.8539	0.9996	0.8213	0.8855	0.4563	0.8078	0.9021
6.0	0.9798	0.7468	0.9996	0.9058	0.8356	0.5871	0.8948	0.8648
6.1	0.9803	0.7624	0.9996	0.9363	0.8785	0.7142	0.9040	0.9024
6.2	0.9833	0.7079	0.9996	0.9510	0.8693	0.7102	0.9288	0.9016
6.3	0.9815	0.5669	0.9997	0.9662	0.8191	0.6577	0.9591	0.8494
6.4	0.9847	0.7377	0.9997	0.9726	0.6906	0.6885	0.9693	0.8310
6.5	0.9834	0.8444	0.9997	0.9757	0.4456	0.7691	0.9711	0.7889
6.6	0.9824	0.8979	0.9997	0.9765	0.2808	0.8230	0.9725	0.7176
6.7	0.9680	0.9015	0.9993	0.9628	0.0401	0.7947	0.9613	0.7164
6.8	0.9650	0.9279	0.9975	0.9626	0.1883	0.7965	0.9577	0.7266
6.9	0.9523	0.9212	0.9882	0.9542	0.4852	0.8049	0.9519	0.7261
7.0	0.9059	0.8712	0.9390	0.9084	0.6639	0.7875	0.9086	0.5645
7.1	0.9217	0.8991	0.9428	0.9199	0.8040	0.7867	0.9165	0.6653
7.2	0.9098	0.8707	0.9631	0.9070	0.7973	0.7780	0.9062	0.7356
7.3	0.9338	0.8937	0.9784	0.9331	0.9121	0.7995	0.9373	0.8231
7.4	0.9507	0.9374	0.9847	0.9553	0.9575	0.8637	0.9568	0.9051
7.5	0.9559	0.9566	0.9917	0.9580	0.9687	0.9000	0.9585	0.9372
7.6	0.9886	0.9888	0.9990	0.9863	0.9830	0.9164	0.9858	0.9696
7.7	0.9923	0.9918	0.9997	0.9878	0.9757	0.9116	0.9865	0.9640
7.8	0.9966	0.9918	0.9998	0.9905	0.9743	0.9232	0.9881	0.9421
7.9	0.9959	0.9926	0.9992	0.9907	0.9675	0.9416	0.9881	0.9387

8.0	0.9937	0.9913	0.9992	0.9892	0.9635	0.9602	0.9872	0.9099
8.1	0.9962	0.9873	0.9995	0.9882	0.9420	0.9616	0.9850	0.8903
8.2	0.9970	0.9863	0.9995	0.9903	0.9552	0.9711	0.9874	0.8841
8.3	0.9971	0.9836	0.9997	0.9890	0.9283	0.9827	0.9867	0.8448
8.4	0.9966	0.9822	0.9994	0.9893	0.9014	0.9740	0.9860	0.6933
8.5	0.9971	0.9843	0.9995	0.9926	0.8863	0.9756	0.9907	0.5851
8.6	0.9963	0.9833	0.9993	0.9910	0.8242	0.9793	0.9892	0.3828
8.7	0.9956	0.9823	0.9992	0.9918	0.7321	0.9869	0.9906	0.3080
8.8	0.9950	0.9766	0.9993	0.9919	0.6907	0.9860	0.9912	0.3455
8.9	0.9925	0.9568	0.9986	0.9901	0.3990	0.9814	0.9897	0.6186
9.0	0.9772	0.9320	0.9970	0.9761	0.6142	0.9689	0.9747	0.7327
9.1	0.9827	0.9175	0.9966	0.9827	0.8164	0.9721	0.9819	0.8214
9.2	0.9738	0.9567	0.9939	0.9750	0.9027	0.9678	0.9744	0.9049
9.3	0.9630	0.9607	0.9905	0.9643	0.9259	0.9559	0.9641	0.9215
9.4	0.9208	0.9355	0.9732	0.9196	0.8929	0.9200	0.9193	0.8752
9.5	0.9273	0.9464	0.9675	0.9233	0.9232	0.9391	0.9217	0.9029
9.6	0.9594	0.9618	0.9758	0.9525	0.9494	0.9661	0.9528	0.9425
9.7	0.9688	0.9606	0.9837	0.9611	0.9522	0.9726	0.9610	0.9434
9.8	0.9704	0.9511	0.9908	0.9566	0.9467	0.9760	0.9565	0.9276
9.9	0.9870	0.9572	0.9965	0.9774	0.9523	0.9851	0.9780	0.9387
10.0	0.9871	0.9379	0.9974	0.9763	0.9416	0.9819	0.9737	0.9298
10.1	0.9873	0.9102	0.9980	0.9727	0.9281	0.9852	0.9694	0.9008
10.2	0.9896	0.9242	0.9986	0.9676	0.9115	0.9849	0.9679	0.8750
10.3	0.9953	0.9173	0.9992	0.9774	0.9276	0.9863	0.9761	0.8996
10.4	0.9964	0.8921	0.9993	0.9761	0.9426	0.9895	0.9770	0.9162
10.5	0.9958	0.8522	0.9993	0.9691	0.9315	0.9890	0.9690	0.8847
10.6	0.9915	0.9108	0.9991	0.9520	0.9337	0.9800	0.9516	0.8949
10.7	0.9896	0.9476	0.9992	0.9222	0.9454	0.9762	0.9267	0.9102
10.8	0.9905	0.9646	0.9992	0.8937	0.9510	0.9768	0.8959	0.9358
10.9	0.9874	0.9709	0.9994	0.8777	0.9629	0.9679	0.8198	0.9463
11.0	0.9841	0.9605	0.9989	0.8443	0.9604	0.9499	0.6800	0.9334
11.1	0.9874	0.9702	0.9993	0.8826	0.9624	0.9650	0.7643	0.9443
11.2	0.9880	0.9827	0.9994	0.9345	0.9786	0.9680	0.8645	0.9727
11.3	0.9918	0.9839	0.9995	0.9611	0.9742	0.9595	0.9124	0.9679
11.4	0.9836	0.9858	0.9993	0.9710	0.9786	0.9623	0.9406	0.9736
11.5	0.9837	0.9892	0.9995	0.9767	0.9867	0.9752	0.9611	0.9836
11.6	0.9732	0.9864	0.9992	0.9745	0.9837	0.9590	0.9507	0.9830
11.7	0.9777	0.9898	0.9995	0.9880	0.9862	0.9395	0.9659	0.9793
11.8	0.9559	0.9900	0.9993	0.9880	0.9885	0.9482	0.9754	0.9814
11.9	0.9565	0.9925	0.9993	0.9869	0.9866	0.9620	0.9824	0.9812
12.0	0.9445	0.9910	0.9993	0.9891	0.9863	0.9387	0.9873	0.9791
12.1	0.9364	0.9908	0.9994	0.9898	0.9881	0.9238	0.9889	0.9815
12.2	0.9539	0.9921	0.9992	0.9914	0.9841	0.9341	0.9879	0.9742
12.3	0.9640	0.9899	0.9993	0.9921	0.9751	0.9272	0.9885	0.9653
12.4	0.9708	0.9855	0.9992	0.9895	0.9726	0.8986	0.9850	0.9613
12.5	0.9722	0.9803	0.9991	0.9914	0.9715	0.9200	0.9856	0.9662
12.6	0.9869	0.9848	0.9994	0.9963	0.9830	0.9612	0.9912	0.9815
12.7	0.9872	0.9818	0.9992	0.9954	0.9795	0.9496	0.9877	0.9779
12.8	0.9852	0.9851	0.9994	0.9934	0.9817	0.9326	0.9891	0.9798
12.9	0.9807	0.9853	0.9993	0.9927	0.9838	0.9464	0.9883	0.9816
13.0	0.9681	0.9886	0.9991	0.9912	0.9862	0.9491	0.9891	0.9849
13.1	0.9737	0.9922	0.9991	0.9917	0.9908	0.9337	0.9939	0.9900
13.2	0.9662	0.9960	0.9993	0.9934	0.9941	0.9308	0.9959	0.9934
13.3	0.8865	0.9944	0.9988	0.9915	0.9921	0.9409	0.9949	0.9907
13.4	0.8762	0.9971	0.9990	0.9925	0.9958	0.9402	0.9958	0.9956
13.5	0.8249	0.9977	0.9990	0.9918	0.9954	0.9208	0.9957	0.9953
13.6	0.8801	0.9980	0.9990	0.9942	0.9964	0.9435	0.9966	0.9968
13.7	0.9036	0.9971	0.9991	0.9942	0.9972	0.9436	0.9968	0.9973
13.8	0.9411	0.9971	0.9990	0.9949	0.9978	0.9003	0.9971	0.9978
13.9	0.9625	0.9974	0.9989	0.9936	0.9983	0.8773	0.9973	0.9979
14.0	0.9647	0.9969	0.9983	0.9892	0.9976	0.8836	0.9956	0.9979
14.1	0.9735	0.9967	0.9988	0.9936	0.9966	0.8730	0.9959	0.9971
14.2	0.9689	0.9954	0.9982	0.9935	0.9954	0.8385	0.9957	0.9956
14.3	0.9709	0.9955	0.9979	0.9907	0.9960	0.8517	0.9952	0.9959
14.4	0.9843	0.9959	0.9986	0.9947	0.9971	0.8880	0.9976	0.9973
14.5	0.9836	0.9936	0.9976	0.9935	0.9956	0.8316	0.9967	0.9963
14.6	0.9868	0.9948	0.9978	0.9946	0.9963	0.8249	0.9973	0.9967
14.7	0.9832	0.9956	0.9986	0.9942	0.9979	0.8736	0.9973	0.9983
14.8	0.9804	0.9933	0.9980	0.9925	0.9965	0.8609	0.9962	0.9976
14.9	0.9834	0.9962	0.9982	0.9934	0.9971	0.8394	0.9971	0.9969
15.0	0.9753	0.9918	0.9971	0.9898	0.9911	0.8623	0.9961	0.9870
15.1	0.9738	0.9903	0.9970	0.9907	0.9897	0.9270	0.9969	0.9859
15.2	0.9697	0.9862	0.9952	0.9895	0.9867	0.9197	0.9964	0.9837
15.3	0.9558	0.9813	0.9927	0.9808	0.9835	0.8892	0.9941	0.9815
15.4	0.9446	0.9818	0.9917	0.9712	0.9836	0.9084	0.9932	0.9840
15.5	0.9656	0.9852	0.9931	0.9767	0.9861	0.9533	0.9960	0.9869
15.6	0.9542	0.9693	0.9863	0.9427	0.9698	0.9397	0.9943	0.9706
15.7	0.9615	0.9763	0.9903	0.9639	0.9784	0.9569	0.9946	0.9781
15.8	0.9697	0.9684	0.9868	0.9653	0.9721	0.9646	0.9925	0.9713
15.9	0.9768	0.9698	0.9892	0.9732	0.9725	0.9664	0.9935	0.9714
16.0	0.9742	0.9759	0.9920	0.9857	0.9776	0.9754	0.9952	0.9760
16.1	0.9803	0.9857	0.9963	0.9925	0.9860	0.9858	0.9960	0.9851
16.2	0.9808	0.9825	0.9966	0.9908	0.9837	0.9840	0.9938	0.9819
16.3	0.9817	0.9903	0.9973	0.9930	0.9898	0.9886	0.9942	0.9882
16.4	0.9780	0.9908	0.9938	0.9903	0.9908	0.9819	0.9906	0.9886
16.5	0.9790	0.9925	0.9916	0.9868	0.9887	0.9807	0.9880	0.9865

16.6	0.9783	0.9954	0.9909	0.9914	0.9864	0.9789	0.9907	0.9837
16.7	0.9700	0.9937	0.9915	0.9935	0.9861	0.9756	0.9922	0.9813
16.8	0.9586	0.9868	0.9818	0.9869	0.9793	0.9740	0.9845	0.9710
16.9	0.9704	0.9922	0.9837	0.9815	0.9821	0.9764	0.9827	0.9761
17.0	0.9833	0.9924	0.9899	0.9868	0.9891	0.9779	0.9881	0.9860
17.1	0.9842	0.9782	0.9921	0.9894	0.9902	0.9636	0.9901	0.9872
17.2	0.9802	0.9930	0.9879	0.9867	0.9869	0.9674	0.9860	0.9826
17.3	0.9799	0.9959	0.9883	0.9808	0.9902	0.9682	0.9832	0.9859
17.4	0.9896	0.9882	0.9956	0.9879	0.9958	0.9593	0.9908	0.9921
17.5	0.9914	0.9879	0.9968	0.9907	0.9981	0.9549	0.9930	0.9955
17.6	0.9919	0.9938	0.9951	0.9908	0.9975	0.9545	0.9922	0.9943
17.7	0.9911	0.9942	0.9952	0.9889	0.9979	0.9174	0.9911	0.9946
17.8	0.9943	0.9910	0.9972	0.9920	0.9985	0.9290	0.9938	0.9963
17.9	0.9946	0.9893	0.9975	0.9921	0.9989	0.9557	0.9941	0.9978
18.0	0.9950	0.9889	0.9974	0.9927	0.9988	0.9407	0.9946	0.9978
18.1	0.9942	0.9888	0.9966	0.9917	0.9985	0.9148	0.9938	0.9973
18.2	0.9959	0.9921	0.9978	0.9933	0.9991	0.9355	0.9958	0.9975
18.3	0.9972	0.9955	0.9984	0.9955	0.9992	0.9619	0.9970	0.9978
18.4	0.9963	0.9957	0.9985	0.9936	0.9991	0.9426	0.9967	0.9970
18.5	0.9960	0.9906	0.9988	0.9897	0.9991	0.8771	0.9964	0.9960
18.6	0.9955	0.9696	0.9988	0.9795	0.9986	0.8394	0.9950	0.9939
18.7	0.9973	0.9662	0.9988	0.9914	0.9984	0.9122	0.9967	0.9955
18.8	0.9962	0.9684	0.9985	0.9942	0.9982	0.8911	0.9966	0.9954
18.9	0.9976	0.9750	0.9990	0.9958	0.9982	0.8894	0.9974	0.9944
19.0	0.9977	0.9730	0.9992	0.9952	0.9983	0.9181	0.9977	0.9950
19.1	0.9977	0.9764	0.9991	0.9954	0.9977	0.9147	0.9972	0.9928
19.2	0.9972	0.9663	0.9992	0.9932	0.9978	0.8804	0.9969	0.9938
19.3	0.9970	0.9687	0.9991	0.9909	0.9978	0.9104	0.9956	0.9909
19.4	0.9981	0.9733	0.9994	0.9944	0.9974	0.9337	0.9961	0.9909
19.5	0.9973	0.9681	0.9993	0.9927	0.9968	0.9027	0.9948	0.9815
19.6	0.9970	0.9519	0.9991	0.9903	0.9941	0.8840	0.9916	0.9598
19.7	0.9964	0.9682	0.9993	0.9904	0.9948	0.9142	0.9902	0.9699
19.8	0.9973	0.9825	0.9994	0.9931	0.9960	0.9358	0.9923	0.9684
19.9	0.9967	0.9676	0.9991	0.9902	0.9940	0.9124	0.9882	0.9293
20.0	0.9957	0.9647	0.9995	0.9924	0.9947	0.9339	0.9909	0.9202
20.1	0.9960	0.9694	0.9993	0.9944	0.9940	0.9329	0.9921	0.8674
20.2	0.9960	0.9698	0.9993	0.9931	0.9949	0.9166	0.9909	0.8808
20.3	0.9957	0.9761	0.9994	0.9945	0.9955	0.9154	0.9923	0.9046
20.4	0.9962	0.9770	0.9995	0.9943	0.9958	0.9518	0.9927	0.9148
20.5	0.9971	0.9729	0.9995	0.9943	0.9960	0.9547	0.9943	0.9254
20.6	0.9941	0.9667	0.9994	0.9920	0.9935	0.8972	0.9904	0.9318
20.7	0.9928	0.9641	0.9995	0.9905	0.9940	0.8871	0.9890	0.9279
20.8	0.9946	0.9696	0.9995	0.9939	0.9949	0.9335	0.9946	0.9465
20.9	0.9919	0.9556	0.9994	0.9928	0.9930	0.9103	0.9941	0.9403
21.0	0.9936	0.9690	0.9994	0.9937	0.9925	0.8879	0.9934	0.9627
21.1	0.9943	0.9706	0.9996	0.9938	0.9929	0.9079	0.9948	0.9681
21.2	0.9923	0.9613	0.9995	0.9943	0.9919	0.9143	0.9951	0.9643
21.3	0.9916	0.9537	0.9995	0.9945	0.9904	0.9135	0.9962	0.9674
21.4	0.9935	0.9632	0.9995	0.9953	0.9904	0.9053	0.9962	0.9763
21.5	0.9932	0.9599	0.9995	0.9936	0.9869	0.9519	0.9960	0.9725
21.6	0.9883	0.9488	0.9994	0.9929	0.9836	0.9316	0.9948	0.9742
21.7	0.9896	0.9459	0.9993	0.9925	0.9812	0.9234	0.9946	0.9777
21.8	0.9920	0.9434	0.9992	0.9916	0.9804	0.9448	0.9947	0.9766
21.9	0.9929	0.9429	0.9992	0.9910	0.9804	0.9670	0.9953	0.9808
22.0	0.9926	0.9291	0.9990	0.9884	0.9785	0.9653	0.9947	0.9777
22.1	0.9906	0.9165	0.9988	0.9853	0.9743	0.9600	0.9941	0.9797
22.2	0.9934	0.9443	0.9991	0.9882	0.9767	0.9730	0.9942	0.9827
22.3	0.9923	0.9300	0.9984	0.9825	0.9702	0.9665	0.9932	0.9752
22.4	0.9943	0.9484	0.9989	0.9842	0.9731	0.9636	0.9942	0.9763
22.5	0.9946	0.9545	0.9987	0.9844	0.9704	0.9705	0.9933	0.9773
22.6	0.9938	0.9529	0.9983	0.9820	0.9620	0.9814	0.9898	0.9676
22.7	0.9942	0.9654	0.9985	0.9847	0.9683	0.9838	0.9897	0.9663
22.8	0.9940	0.9677	0.9986	0.9861	0.9634	0.9718	0.9885	0.9443
22.9	0.9946	0.9722	0.9986	0.9870	0.9647	0.9728	0.9882	0.9412
23.0	0.9961	0.9802	0.9989	0.9905	0.9695	0.9689	0.9900	0.9350
23.1	0.9968	0.9838	0.9989	0.9917	0.9690	0.9708	0.9894	0.9088
23.2	0.9976	0.9891	0.9991	0.9943	0.9760	0.9705	0.9914	0.8958
23.3	0.9979	0.9884	0.9991	0.9941	0.9699	0.9733	0.9910	0.8467
23.4	0.9981	0.9921	0.9992	0.9951	0.9731	0.9693	0.9933	0.7936
23.5	0.9978	0.9936	0.9994	0.9965	0.9802	0.9668	0.9954	0.7904
23.6	0.9980	0.9949	0.9995	0.9975	0.9788	0.9686	0.9965	0.6407
23.7	0.9981	0.9949	0.9995	0.9976	0.9818	0.9764	0.9971	0.5438
23.8	0.9986	0.9958	0.9997	0.9979	0.9856	0.9731	0.9979	0.3642
23.9	0.9988	0.9967	0.9997	0.9983	0.9863	0.9729	0.9976	0.0975
24.0	0.9986	0.9964	0.9996	0.9985	0.9855	0.9803	0.9976	0.0098
24.1	0.9984	0.9962	0.9996	0.9986	0.9836	0.9776	0.9970	0.0342
24.2	0.9983	0.9965	0.9997	0.9986	0.9832	0.9726	0.9967	0.1337
24.3	0.9974	0.9957	0.9996	0.9984	0.9816	0.9725	0.9970	0.4454
24.4	0.9984	0.9970	0.9997	0.9989	0.9883	0.9819	0.9979	0.6943
24.5	0.9985	0.9976	0.9998	0.9986	0.9861	0.9715	0.9982	0.6827
24.6	0.9983	0.9981	0.9997	0.9991	0.9873	0.9650	0.9981	0.5960
24.7	0.9982	0.9979	0.9997	0.9989	0.9893	0.9738	0.9985	0.7210
24.8	0.9988	0.9972	0.9995	0.9986	0.9886	0.9734	0.9983	0.7350
24.9	0.9988	0.9978	0.9996	0.9987	0.9881	0.9712	0.9982	0.7744
25.0	0.9989	0.9978	0.9998	0.9989	0.9916	0.9789	0.9984	0.8093
25.1	0.9985	0.9977	0.9997	0.9989	0.9906	0.9810	0.9982	0.8073

25.2	0.9989	0.9985	0.9998	0.9992	0.9927	0.9837	0.9984	0.8748
25.3	0.9990	0.9987	0.9997	0.9995	0.9936	0.9857	0.9988	0.9076
25.4	0.9983	0.9976	0.9994	0.9991	0.9903	0.9842	0.9984	0.8598
25.5	0.9980	0.9968	0.9996	0.9992	0.9898	0.9854	0.9984	0.8636
25.6	0.9971	0.9955	0.9995	0.9991	0.9908	0.9720	0.9984	0.8997
25.7	0.9975	0.9963	0.9994	0.9988	0.9921	0.9715	0.9977	0.9134
25.8	0.9984	0.9971	0.9994	0.9991	0.9919	0.9805	0.9978	0.9381
25.9	0.9987	0.9974	0.9994	0.9993	0.9901	0.9782	0.9986	0.9490
26.0	0.9983	0.9970	0.9994	0.9992	0.9899	0.9801	0.9984	0.9605
26.1	0.9972	0.9963	0.9995	0.9992	0.9893	0.9749	0.9982	0.9617
26.2	0.9968	0.9940	0.9993	0.9989	0.9828	0.9733	0.9979	0.9596
26.3	0.9980	0.9937	0.9996	0.9994	0.9878	0.9833	0.9988	0.9821
26.4	0.9976	0.9921	0.9996	0.9993	0.9876	0.9808	0.9988	0.9848
26.5	0.9978	0.9876	0.9997	0.9993	0.9796	0.9851	0.9985	0.9844
26.6	0.9974	0.9794	0.9997	0.9993	0.9642	0.9870	0.9987	0.9854
26.7	0.9978	0.9783	0.9997	0.9994	0.9646	0.9803	0.9986	0.9885
26.8	0.9987	0.9760	0.9997	0.9993	0.9604	0.9863	0.9986	0.9906
26.9	0.9984	0.9627	0.9997	0.9989	0.9346	0.9865	0.9989	0.9873
27.0	0.9984	0.9519	0.9996	0.9989	0.9160	0.9807	0.9986	0.9877
27.1	0.9984	0.9514	0.9995	0.9990	0.8822	0.9810	0.9985	0.9892
27.2	0.9975	0.9525	0.9992	0.9989	0.7935	0.9841	0.9981	0.9898
27.3	0.9971	0.9697	0.9993	0.9989	0.6492	0.9856	0.9985	0.9899
27.4	0.9966	0.9690	0.9991	0.9985	0.2951	0.9763	0.9977	0.9871
27.5	0.9975	0.9857	0.9994	0.9990	0.4408	0.9819	0.9980	0.9916
27.6	0.9977	0.9882	0.9994	0.9991	0.6275	0.9847	0.9980	0.9927
27.7	0.9970	0.9908	0.9993	0.9992	0.7867	0.9773	0.9978	0.9933
27.8	0.9972	0.9922	0.9994	0.9993	0.8754	0.9732	0.9982	0.9951
27.9	0.9977	0.9936	0.9994	0.9995	0.9167	0.9775	0.9980	0.9949
28.0	0.9975	0.9937	0.9993	0.9993	0.9153	0.9734	0.9980	0.9935
28.1	0.9977	0.9948	0.9994	0.9991	0.9341	0.9541	0.9971	0.9946
28.2	0.9976	0.9955	0.9994	0.9988	0.9471	0.9661	0.9978	0.9962
28.3	0.9987	0.9971	0.9996	0.9993	0.9641	0.9769	0.9989	0.9969
28.4	0.9991	0.9975	0.9996	0.9995	0.9668	0.9747	0.9990	0.9959
28.5	0.9982	0.9969	0.9993	0.9994	0.9637	0.9495	0.9983	0.9953
28.6	0.9985	0.9973	0.9994	0.9994	0.9708	0.9627	0.9983	0.9959
28.7	0.9986	0.9975	0.9996	0.9994	0.9715	0.9729	0.9984	0.9952
28.8	0.9991	0.9981	0.9996	0.9996	0.9774	0.9771	0.9988	0.9962
28.9	0.9990	0.9981	0.9997	0.9995	0.9813	0.9757	0.9986	0.9967
29.0	0.9989	0.9978	0.9995	0.9995	0.9756	0.9765	0.9985	0.9959
29.1	0.9989	0.9977	0.9995	0.9994	0.9741	0.9720	0.9983	0.9954
29.2	0.9988	0.9977	0.9995	0.9993	0.9733	0.9619	0.9982	0.9951
29.3	0.9991	0.9982	0.9996	0.9995	0.9747	0.9756	0.9983	0.9967
29.4	0.9989	0.9983	0.9996	0.9996	0.9709	0.9840	0.9987	0.9964
29.5	0.9993	0.9980	0.9996	0.9995	0.9722	0.9831	0.9986	0.9951
29.6	0.9993	0.9983	0.9997	0.9996	0.9748	0.9809	0.9988	0.9965
29.7	0.9991	0.9982	0.9997	0.9994	0.9697	0.9866	0.9986	0.9954
29.8	0.9993	0.9984	0.9997	0.9995	0.9673	0.9908	0.9987	0.9965
29.9	0.9989	0.9947	0.9997	0.9990	0.9343	0.9804	0.9971	0.9951
30.0	0.9990	0.9969	0.9996	0.9990	0.9289	0.9861	0.9975	0.9953
30.1	0.9993	0.9989	0.9998	0.9995	0.9241	0.9932	0.9983	0.9953
30.2	0.9990	0.9989	0.9997	0.9993	0.8943	0.9888	0.9978	0.9944
30.3	0.9984	0.9987	0.9996	0.9991	0.9068	0.9846	0.9977	0.9934
30.4	0.9985	0.9981	0.9997	0.9991	0.9244	0.9873	0.9975	0.9932
30.5	0.9981	0.9982	0.9997	0.9990	0.9259	0.9873	0.9964	0.9928
30.6	0.9982	0.9979	0.9996	0.9986	0.9114	0.9867	0.9957	0.9899
30.7	0.9980	0.9982	0.9996	0.9984	0.8947	0.9872	0.9952	0.9880
30.8	0.9985	0.9983	0.9996	0.9985	0.9207	0.9917	0.9962	0.9902
30.9	0.9985	0.9984	0.9996	0.9983	0.9041	0.9903	0.9946	0.9883
31.0	0.9975	0.9976	0.9995	0.9971	0.8146	0.9813	0.9903	0.9807
31.1	0.9966	0.9977	0.9995	0.9973	0.8197	0.9872	0.9889	0.9802
31.2	0.9964	0.9977	0.9994	0.9975	0.8413	0.9895	0.9882	0.9803
31.3	0.9980	0.9980	0.9995	0.9976	0.8873	0.9882	0.9894	0.9823
31.4	0.9984	0.9978	0.9996	0.9969	0.8953	0.9873	0.9863	0.9780
31.5	0.9980	0.9972	0.9996	0.9958	0.9059	0.9866	0.9855	0.9740
31.6	0.9974	0.9970	0.9995	0.9943	0.8948	0.9841	0.9831	0.9673
31.7	0.9978	0.9978	0.9995	0.9935	0.8994	0.9882	0.9829	0.9636
31.8	0.9982	0.9976	0.9996	0.9931	0.9160	0.9900	0.9855	0.9633
31.9	0.9984	0.9976	0.9994	0.9900	0.9115	0.9914	0.9826	0.9494
32.0	0.9972	0.9969	0.9991	0.9849	0.8878	0.9890	0.9757	0.9330
32.1	0.9964	0.9959	0.9990	0.9793	0.9167	0.9875	0.9791	0.9256
32.2	0.9954	0.9948	0.9988	0.9770	0.9434	0.9880	0.9832	0.9264
32.3	0.9957	0.9909	0.9986	0.9670	0.9262	0.9855	0.9792	0.9086
32.4	0.9970	0.9944	0.9991	0.9713	0.9472	0.9868	0.9846	0.9231
32.5	0.9970	0.9956	0.9991	0.9674	0.9433	0.9850	0.9843	0.8923
32.6	0.9965	0.9961	0.9990	0.9736	0.9623	0.9869	0.9874	0.8999
32.7	0.9965	0.9951	0.9989	0.9745	0.9692	0.9866	0.9892	0.8973
32.8	0.9959	0.9940	0.9988	0.9750	0.9735	0.9851	0.9907	0.8938
32.9	0.9937	0.9932	0.9984	0.9783	0.9616	0.9752	0.9889	0.8564
33.0	0.9933	0.9939	0.9979	0.9836	0.9644	0.9722	0.9872	0.8361
33.1	0.9934	0.9939	0.9981	0.9884	0.9688	0.9750	0.9884	0.8371
33.2	0.9949	0.9962	0.9989	0.9927	0.9850	0.9839	0.9936	0.9044
33.3	0.9942	0.9953	0.9988	0.9913	0.9853	0.9854	0.9938	0.8928
33.4	0.9957	0.9964	0.9989	0.9902	0.9852	0.9851	0.9935	0.8479
33.5	0.9951	0.9962	0.9991	0.9906	0.9836	0.9814	0.9914	0.7954
33.6	0.9961	0.9951	0.9986	0.9931	0.9826	0.9833	0.9915	0.7638
33.7	0.9942	0.9949	0.9978	0.9930	0.9844	0.9787	0.9883	0.7087

33.8	0.9922	0.9933	0.9970	0.9892	0.9847	0.9765	0.9854	0.5650
33.9	0.9946	0.9948	0.9975	0.9916	0.9841	0.9815	0.9899	0.4977
34.0	0.9928	0.9938	0.9974	0.9914	0.9855	0.9849	0.9888	0.4257
34.1	0.9892	0.9930	0.9971	0.9898	0.9760	0.9740	0.9862	0.3895
34.2	0.9878	0.9943	0.9976	0.9897	0.9793	0.9752	0.9872	0.3593
34.3	0.9911	0.9955	0.9984	0.9929	0.9831	0.9856	0.9920	0.3373
34.4	0.9936	0.9965	0.9989	0.9954	0.9893	0.9884	0.9952	0.2849
34.5	0.9942	0.9961	0.9989	0.9955	0.9887	0.9888	0.9960	0.4420
34.6	0.9944	0.9958	0.9988	0.9958	0.9884	0.9900	0.9967	0.5916
34.7	0.9949	0.9962	0.9988	0.9964	0.9902	0.9894	0.9967	0.6325
34.8	0.9953	0.9968	0.9989	0.9967	0.9894	0.9882	0.9957	0.7305
34.9	0.9966	0.9968	0.9990	0.9970	0.9918	0.9894	0.9970	0.8472
35.0	0.9976	0.9971	0.9989	0.9979	0.9919	0.9895	0.9973	0.9242
35.1	0.9961	0.9945	0.9983	0.9971	0.9897	0.9887	0.9948	0.8929
35.2	0.9973	0.9964	0.9988	0.9973	0.9913	0.9921	0.9968	0.9477
35.3	0.9975	0.9962	0.9990	0.9966	0.9933	0.9892	0.9973	0.9587
35.4	0.9980	0.9961	0.9989	0.9975	0.9931	0.9889	0.9959	0.9675
35.5	0.9975	0.9964	0.9990	0.9973	0.9939	0.9898	0.9960	0.9751
35.6	0.9980	0.9966	0.9993	0.9979	0.9939	0.9903	0.9974	0.9822
35.7	0.9971	0.9962	0.9990	0.9964	0.9920	0.9812	0.9957	0.9736
35.8	0.9975	0.9951	0.9988	0.9969	0.9910	0.9809	0.9951	0.9712
35.9	0.9976	0.9954	0.9990	0.9961	0.9901	0.9765	0.9962	0.9708
36.0	0.9977	0.9946	0.9989	0.9970	0.9871	0.9702	0.9958	0.9725
36.1	0.9976	0.9948	0.9990	0.9965	0.9867	0.9772	0.9969	0.9754
36.2	0.9974	0.9946	0.9991	0.9962	0.9868	0.9759	0.9971	0.9704
36.3	0.9980	0.9960	0.9994	0.9975	0.9904	0.9668	0.9978	0.9780
36.4	0.9985	0.9957	0.9992	0.9982	0.9889	0.9685	0.9981	0.9794
36.5	0.9983	0.9939	0.9993	0.9982	0.9857	0.9796	0.9971	0.9731
36.6	0.9983	0.9963	0.9994	0.9979	0.9922	0.9833	0.9977	0.9753
36.7	0.9985	0.9952	0.9995	0.9982	0.9886	0.9734	0.9979	0.9734
36.8	0.9986	0.9947	0.9996	0.9983	0.9912	0.9742	0.9982	0.9790
36.9	0.9981	0.9934	0.9993	0.9976	0.9883	0.9757	0.9972	0.9683
37.0	0.9982	0.9932	0.9993	0.9977	0.9900	0.9688	0.9977	0.9751
37.1	0.9980	0.9928	0.9994	0.9971	0.9896	0.9617	0.9972	0.9765
37.2	0.9971	0.9919	0.9993	0.9964	0.9870	0.9622	0.9965	0.9731
37.3	0.9970	0.9925	0.9993	0.9965	0.9866	0.9634	0.9965	0.9733
37.4	0.9978	0.9928	0.9995	0.9974	0.9898	0.9539	0.9976	0.9802
37.5	0.9982	0.9900	0.9995	0.9980	0.9883	0.9578	0.9981	0.9784
37.6	0.9976	0.9865	0.9994	0.9972	0.9881	0.9635	0.9978	0.9791
37.7	0.9957	0.9804	0.9994	0.9952	0.9807	0.9453	0.9965	0.9799
37.8	0.9967	0.9837	0.9995	0.9964	0.9819	0.9449	0.9971	0.9836
37.9	0.9958	0.9822	0.9992	0.9959	0.9718	0.9369	0.9965	0.9840
38.0	0.9968	0.9857	0.9994	0.9965	0.9715	0.9518	0.9970	0.9857
38.1	0.9962	0.9881	0.9993	0.9957	0.9719	0.9505	0.9969	0.9839
38.2	0.9968	0.9860	0.9995	0.9964	0.9710	0.9466	0.9975	0.9846
38.3	0.9976	0.9863	0.9996	0.9975	0.9601	0.9565	0.9979	0.9872
38.4	0.9969	0.9854	0.9995	0.9963	0.9489	0.9527	0.9971	0.9803
38.5	0.9979	0.9899	0.9995	0.9971	0.9451	0.9655	0.9977	0.9840
38.6	0.9973	0.9907	0.9995	0.9963	0.9368	0.9731	0.9974	0.9811
38.7	0.9974	0.9917	0.9997	0.9969	0.9336	0.9705	0.9977	0.9840
38.8	0.9971	0.9914	0.9995	0.9963	0.8868	0.9672	0.9972	0.9797
38.9	0.9968	0.9892	0.9993	0.9957	0.8471	0.9552	0.9962	0.9752
39.0	0.9967	0.9888	0.9994	0.9959	0.8118	0.9597	0.9963	0.9775
39.1	0.9981	0.9916	0.9995	0.9977	0.8695	0.9669	0.9976	0.9861
39.2	0.9977	0.9894	0.9993	0.9963	0.8030	0.9405	0.9964	0.9706
39.3	0.9981	0.9924	0.9994	0.9967	0.7863	0.9571	0.9969	0.9724
39.4	0.9976	0.9905	0.9993	0.9956	0.7177	0.9137	0.9950	0.9636
39.5	0.9983	0.9910	0.9993	0.9957	0.7170	0.9033	0.9953	0.9651
39.6	0.9980	0.9892	0.9995	0.9956	0.6814	0.8649	0.9943	0.9550
39.7	0.9972	0.9877	0.9994	0.9951	0.5563	0.8110	0.9935	0.9594
39.8	0.9982	0.9926	0.9995	0.9963	0.6161	0.8209	0.9948	0.9573
39.9	0.9981	0.9928	0.9994	0.9961	0.6594	0.8243	0.9944	0.9304
40.0	0.9979	0.9936	0.9994	0.9954	0.7920	0.8532	0.9940	0.9477
40.1	0.9984	0.9939	0.9995	0.9960	0.8075	0.7929	0.9939	0.9513
40.2	0.9985	0.9935	0.9994	0.9953	0.7869	0.7008	0.9915	0.9212
40.3	0.9981	0.9895	0.9993	0.9942	0.7253	0.6248	0.9905	0.8878
40.4	0.9980	0.9892	0.9992	0.9939	0.7688	0.4940	0.9894	0.9060
40.5	0.9983	0.9908	0.9994	0.9949	0.7903	0.5109	0.9891	0.8979
40.6	0.9985	0.9901	0.9994	0.9956	0.8128	0.6120	0.9917	0.9259
40.7	0.9982	0.9905	0.9992	0.9937	0.7948	0.4695	0.9883	0.9092
40.8	0.9974	0.9851	0.9993	0.9917	0.7238	0.3902	0.9827	0.8855
40.9	0.9980	0.9850	0.9994	0.9925	0.6986	0.4307	0.9821	0.9017
41.0	0.9966	0.9627	0.9989	0.9905	0.6816	0.2650	0.9766	0.8030
41.1	0.9983	0.9703	0.9994	0.9952	0.7909	0.4308	0.9848	0.8206
41.2	0.9973	0.9709	0.9993	0.9935	0.7651	0.4798	0.9820	0.8026
41.3	0.9972	0.9553	0.9992	0.9922	0.6066	0.5010	0.9771	0.6232
41.4	0.9965	0.9220	0.9994	0.9922	0.6837	0.4217	0.9737	0.5368
41.5	0.9961	0.9154	0.9994	0.9917	0.8364	0.4340	0.9715	0.3337
41.6	0.9973	0.9188	0.9992	0.9920	0.8562	0.5243	0.9755	0.4855
41.7	0.9966	0.9125	0.9991	0.9913	0.8233	0.5370	0.9721	0.6834
41.8	0.9959	0.8136	0.9991	0.9868	0.6910	0.3835	0.9443	0.5706
41.9	0.9953	0.6925	0.9991	0.9912	0.7275	0.4266	0.9548	0.5678
42.0	0.9956	0.6289	0.9991	0.9913	0.6944	0.5627	0.9628	0.5531
42.1	0.9958	0.6718	0.9990	0.9912	0.6097	0.5494	0.9522	0.4855
42.2	0.9957	0.6240	0.9988	0.9898	0.6015	0.4610	0.9389	0.3936
42.3	0.9948	0.7580	0.9990	0.9925	0.6665	0.3659	0.9464	0.5350

42.4	0.9926	0.6001	0.9987	0.9877	0.6834	0.2862	0.9263	0.5498
42.5	0.9897	0.3762	0.9980	0.9820	0.5849	0.2405	0.8890	0.3793
42.6	0.9904	0.6036	0.9988	0.9876	0.6071	0.4629	0.9150	0.3152
42.7	0.9879	0.6128	0.9987	0.9881	0.5816	0.5010	0.9050	0.2971
42.8	0.9909	0.6707	0.9989	0.9874	0.6458	0.6377	0.9270	0.3939
42.9	0.9924	0.7398	0.9988	0.9900	0.6611	0.6053	0.9239	0.5494
43.0	0.9868	0.7306	0.9982	0.9871	0.5815	0.5733	0.8911	0.4742
43.1	0.9856	0.7557	0.9983	0.9877	0.5479	0.5926	0.8800	0.3877
43.2	0.9900	0.7614	0.9988	0.9915	0.5049	0.6555	0.8908	0.3650
43.3	0.9902	0.7995	0.9990	0.9904	0.4095	0.7004	0.8961	0.4072
43.4	0.9903	0.8801	0.9993	0.9886	0.5168	0.7952	0.9283	0.4911
43.5	0.9922	0.7914	0.9991	0.9888	0.5400	0.7791	0.9201	0.4684
43.6	0.9904	0.6781	0.9991	0.9854	0.6780	0.7343	0.9201	0.6429
43.7	0.9904	0.7851	0.9988	0.9856	0.7139	0.7939	0.9272	0.7037
43.8	0.9885	0.8367	0.9990	0.9839	0.6862	0.8481	0.9153	0.6838
43.9	0.9905	0.6784	0.9990	0.9846	0.6254	0.8727	0.9195	0.6625
44.0	0.9931	0.1968	0.9990	0.9817	0.6231	0.7903	0.9017	0.6354
44.1	0.9858	0.2600	0.9989	0.9752	0.6364	0.8249	0.8873	0.6486
44.2	0.9832	0.4217	0.9988	0.9728	0.5952	0.8886	0.8766	0.5710
44.3	0.9806	0.2986	0.9983	0.9630	0.5815	0.8042	0.8420	0.4911
44.4	0.9880	0.1007	0.9984	0.9623	0.5622	0.6800	0.8524	0.5504
44.5	0.9924	0.0422	0.9986	0.9638	0.5968	0.7230	0.8748	0.6739
44.6	0.9905	0.0057	0.9983	0.9547	0.5388	0.6934	0.8196	0.5452
44.7	0.9925	0.0720	0.9988	0.9631	0.5998	0.7421	0.8481	0.5422
44.8	0.9925	0.3775	0.9991	0.9696	0.6504	0.7890	0.8842	0.5814
44.9	0.9866	0.6330	0.9984	0.9518	0.5247	0.7359	0.8155	0.5120
45.0	0.9894	0.6335	0.9983	0.9596	0.5438	0.7372	0.8237	0.5351
45.1	0.9906	0.5700	0.9987	0.9672	0.6261	0.8012	0.8542	0.6251
45.2	0.9928	0.4248	0.9989	0.9707	0.5844	0.8089	0.8536	0.6139
45.3	0.9956	0.5236	0.9987	0.9764	0.6328	0.8539	0.8743	0.7017
45.4	0.9938	0.7192	0.9988	0.9798	0.7425	0.8838	0.9074	0.7995
45.5	0.9939	0.7609	0.9993	0.9729	0.7372	0.8555	0.9134	0.7808
45.6	0.9956	0.7464	0.9991	0.9734	0.6821	0.8632	0.8998	0.7429
45.7	0.9953	0.7719	0.9989	0.9811	0.6343	0.9031	0.8974	0.7158
45.8	0.9952	0.8411	0.9991	0.9798	0.7007	0.9090	0.9112	0.7834
45.9	0.9959	0.8937	0.9992	0.9836	0.7650	0.9224	0.9313	0.8546
46.0	0.9963	0.8718	0.9989	0.9866	0.7725	0.9299	0.9343	0.8519
46.1	0.9947	0.8165	0.9985	0.9821	0.7045	0.9300	0.9067	0.7691
46.2	0.9937	0.8616	0.9986	0.9852	0.7396	0.9516	0.9268	0.8088
46.3	0.9945	0.9070	0.9986	0.9912	0.7664	0.9499	0.9508	0.8609
46.4	0.9956	0.9387	0.9985	0.9924	0.8447	0.9555	0.9658	0.9186
46.5	0.9956	0.9378	0.9986	0.9905	0.8458	0.9455	0.9635	0.9121
46.6	0.9957	0.9498	0.9986	0.9906	0.8245	0.9343	0.9608	0.9099
46.7	0.9956	0.9537	0.9988	0.9921	0.8629	0.9150	0.9682	0.9315
46.8	0.9958	0.9486	0.9988	0.9932	0.8757	0.9433	0.9700	0.9279
46.9	0.9957	0.9520	0.9988	0.9918	0.8797	0.9572	0.9692	0.9313
47.0	0.9967	0.9705	0.9988	0.9939	0.9058	0.9631	0.9776	0.9458
47.1	0.9973	0.9745	0.9986	0.9950	0.9041	0.9697	0.9817	0.9532
47.2	0.9969	0.9722	0.9986	0.9945	0.9037	0.9790	0.9795	0.9518
47.3	0.9959	0.9775	0.9987	0.9926	0.9088	0.9834	0.9789	0.9559
47.4	0.9960	0.9787	0.9986	0.9928	0.9081	0.9684	0.9826	0.9633
47.5	0.9949	0.9771	0.9976	0.9931	0.9079	0.9617	0.9817	0.9626
47.6	0.9953	0.9793	0.9975	0.9917	0.8809	0.9652	0.9757	0.9469
47.7	0.9959	0.9789	0.9979	0.9918	0.8826	0.9575	0.9795	0.9418
47.8	0.9954	0.9852	0.9976	0.9929	0.8960	0.9614	0.9811	0.9552
47.9	0.9949	0.9824	0.9970	0.9904	0.8639	0.9658	0.9785	0.9587
48.0	0.9958	0.9851	0.9980	0.9916	0.8712	0.9666	0.9777	0.9625
48.1	0.9960	0.9863	0.9986	0.9941	0.9061	0.9729	0.9838	0.9648
48.2	0.9954	0.9879	0.9981	0.9953	0.9262	0.9691	0.9884	0.9588
48.3	0.9909	0.9871	0.9973	0.9951	0.9074	0.9516	0.9854	0.9472
48.4	0.9889	0.9862	0.9970	0.9935	0.8866	0.9367	0.9821	0.9236
48.5	0.9940	0.9891	0.9974	0.9955	0.9287	0.9575	0.9893	0.9618
48.6	0.9946	0.9865	0.9971	0.9952	0.8996	0.9625	0.9899	0.9412
48.7	0.9934	0.9878	0.9974	0.9930	0.8798	0.9588	0.9838	0.9537
48.8	0.9948	0.9921	0.9979	0.9946	0.9165	0.9643	0.9887	0.9754
48.9	0.9945	0.9841	0.9972	0.9947	0.9006	0.9718	0.9880	0.9579
49.0	0.9923	0.9807	0.9963	0.9929	0.8868	0.9744	0.9860	0.9375
49.1	0.9927	0.9807	0.9972	0.9929	0.8989	0.9704	0.9833	0.9555
49.2	0.9930	0.9868	0.9972	0.9911	0.8793	0.9634	0.9793	0.9446
49.3	0.9938	0.9921	0.9980	0.9940	0.9291	0.9807	0.9879	0.9560
49.4	0.9932	0.9912	0.9974	0.9930	0.9237	0.9836	0.9907	0.9613
49.5	0.9909	0.9846	0.9959	0.9902	0.8913	0.9455	0.9872	0.9491
49.6	0.9925	0.9857	0.9970	0.9934	0.8625	0.9395	0.9890	0.9410
49.7	0.9931	0.9897	0.9972	0.9933	0.9136	0.9668	0.9920	0.9462
49.8	0.9910	0.9892	0.9978	0.9911	0.9028	0.9721	0.9897	0.9240
49.9	0.9817	0.9863	0.9958	0.9866	0.8254	0.9518	0.9837	0.8931
50.0	0.9912	0.9850	0.9963	0.9914	0.8557	0.9696	0.9881	0.8907
50.1	0.9919	0.9875	0.9962	0.9927	0.8495	0.9800	0.9890	0.8934
50.2	0.9872	0.9849	0.9966	0.9880	0.8150	0.9704	0.9835	0.8637
50.3	0.9871	0.9813	0.9960	0.9881	0.7564	0.9714	0.9838	0.8876
50.4	0.9874	0.9808	0.9962	0.9891	0.7642	0.9780	0.9845	0.8858
50.5	0.9867	0.9793	0.9967	0.9855	0.7214	0.9706	0.9826	0.8439
50.6	0.9887	0.9786	0.9954	0.9866	0.6696	0.9705	0.9883	0.8751
50.7	0.9831	0.9718	0.9924	0.9860	0.5274	0.9558	0.9796	0.8175
50.8	0.9876	0.9764	0.9963	0.9903	0.6621	0.9569	0.9847	0.8436
50.9	0.9901	0.9827	0.9969	0.9877	0.7730	0.9516	0.9865	0.8803

51.0	0.9799	0.9773	0.9947	0.9787	0.7418	0.9437	0.9821	0.8595
51.1	0.9700	0.9587	0.9917	0.9720	0.5758	0.9531	0.9733	0.7343
51.2	0.9830	0.9770	0.9947	0.9876	0.5943	0.9724	0.9872	0.8719
51.3	0.9757	0.9681	0.9948	0.9877	0.6867	0.9335	0.9784	0.7940
51.4	0.9851	0.9733	0.9955	0.9876	0.6406	0.9502	0.9808	0.7693
51.5	0.9739	0.9684	0.9938	0.9835	0.6354	0.9668	0.9831	0.8299
51.6	0.9597	0.9565	0.9929	0.9763	0.5648	0.9655	0.9744	0.7635
51.7	0.9712	0.9610	0.9948	0.9832	0.5783	0.9664	0.9839	0.8300
51.8	0.9746	0.9558	0.9953	0.9859	0.6323	0.9720	0.9857	0.8634
51.9	0.9767	0.9502	0.9953	0.9868	0.5550	0.9765	0.9843	0.8253
52.0	0.9803	0.9646	0.9964	0.9878	0.6263	0.9840	0.9853	0.8464
52.1	0.9667	0.9444	0.9947	0.9855	0.5127	0.9792	0.9825	0.7332
52.2	0.9750	0.9575	0.9957	0.9885	0.6188	0.9858	0.9870	0.7877
52.3	0.9784	0.9607	0.9965	0.9876	0.7953	0.9845	0.9875	0.8265
52.4	0.9683	0.9517	0.9960	0.9820	0.6724	0.9737	0.9816	0.8150
52.5	0.9757	0.9641	0.9974	0.9835	0.7582	0.9797	0.9842	0.8745
52.6	0.9841	0.9736	0.9981	0.9906	0.8383	0.9832	0.9896	0.9400
52.7	0.9799	0.9722	0.9972	0.9847	0.7977	0.9774	0.9900	0.9473
52.8	0.9757	0.9460	0.9956	0.9820	0.4423	0.9734	0.9866	0.8676
52.9	0.9643	0.9519	0.9954	0.9829	0.3773	0.9517	0.9861	0.8574
53.0	0.9606	0.9570	0.9955	0.9792	0.4641	0.9633	0.9895	0.8594
53.1	0.9679	0.9572	0.9966	0.9830	0.5260	0.9723	0.9896	0.8677
53.2	0.9720	0.9352	0.9974	0.9842	0.5307	0.9708	0.9867	0.8524
53.3	0.9735	0.9259	0.9969	0.9851	0.5848	0.9762	0.9897	0.8169
53.4	0.9745	0.8843	0.9961	0.9840	0.6435	0.9817	0.9865	0.7806
53.5	0.9698	0.9215	0.9969	0.9864	0.5157	0.9629	0.9847	0.8301
53.6	0.9644	0.8937	0.9967	0.9813	0.1432	0.9463	0.9829	0.7550
53.7	0.9648	0.9112	0.9972	0.9844	0.3644	0.9517	0.9884	0.7964
53.8	0.9705	0.9036	0.9976	0.9871	0.3579	0.9557	0.9923	0.7325
53.9	0.9758	0.8546	0.9970	0.9844	0.4944	0.9746	0.9915	0.5484
54.0	0.9824	0.8983	0.9972	0.9856	0.6608	0.9738	0.9932	0.7339
54.1	0.9776	0.9098	0.9966	0.9895	0.7364	0.9675	0.9917	0.8747
54.2	0.9759	0.8934	0.9974	0.9906	0.7450	0.9695	0.9913	0.8973
54.3	0.9792	0.8810	0.9968	0.9898	0.7275	0.9748	0.9898	0.8660
54.4	0.9666	0.8093	0.9958	0.9790	0.6719	0.9624	0.9841	0.8377
54.5	0.9834	0.8614	0.9975	0.9893	0.7706	0.9691	0.9903	0.9184
54.6	0.9885	0.9071	0.9986	0.9947	0.7873	0.9720	0.9937	0.9312
54.7	0.9857	0.8994	0.9986	0.9948	0.7292	0.9673	0.9930	0.9171
54.8	0.9831	0.7935	0.9986	0.9926	0.7229	0.9630	0.9941	0.8914
54.9	0.9814	0.6899	0.9987	0.9894	0.6976	0.9531	0.9938	0.8789
55.0	0.9815	0.7956	0.9988	0.9894	0.7589	0.9577	0.9930	0.9119
55.1	0.9869	0.8201	0.9987	0.9915	0.7732	0.9730	0.9941	0.9242
55.2	0.9877	0.8310	0.9984	0.9930	0.7874	0.9666	0.9931	0.9411
55.3	0.9887	0.8689	0.9980	0.9927	0.7733	0.9664	0.9935	0.9396
55.4	0.9891	0.8437	0.9984	0.9930	0.7449	0.9625	0.9929	0.9455
55.5	0.9894	0.8123	0.9985	0.9911	0.7051	0.9515	0.9916	0.9280
55.6	0.9909	0.8108	0.9987	0.9923	0.7568	0.9568	0.9933	0.9339
55.7	0.9883	0.8416	0.9986	0.9927	0.7942	0.9645	0.9931	0.9427
55.8	0.9867	0.8878	0.9987	0.9932	0.7390	0.9573	0.9943	0.9472
55.9	0.9859	0.8146	0.9984	0.9907	0.5546	0.9336	0.9923	0.9177
56.0	0.9852	0.7044	0.9973	0.9872	0.3381	0.8633	0.9902	0.8753
56.1	0.9855	0.6240	0.9978	0.9865	0.4090	0.9178	0.9916	0.8811
56.2	0.9876	0.6533	0.9979	0.9885	0.5749	0.9686	0.9929	0.9191
56.3	0.9894	0.7294	0.9985	0.9930	0.6909	0.9431	0.9941	0.9322
56.4	0.9865	0.7287	0.9972	0.9914	0.4949	0.9200	0.9933	0.9043
56.5	0.9871	0.7269	0.9978	0.9927	0.4558	0.9486	0.9932	0.9166
56.6	0.9891	0.7789	0.9983	0.9945	0.5799	0.9346	0.9931	0.9326
56.7	0.9904	0.7682	0.9985	0.9944	0.4623	0.9173	0.9939	0.9172
56.8	0.9886	0.7401	0.9981	0.9911	0.3416	0.9424	0.9947	0.9074
56.9	0.9884	0.7079	0.9985	0.9928	0.4306	0.9409	0.9945	0.9008
57.0	0.9873	0.6675	0.9986	0.9942	0.4557	0.9035	0.9945	0.9139
57.1	0.9812	0.6228	0.9983	0.9922	0.4203	0.9050	0.9928	0.9297
57.2	0.9822	0.3876	0.9977	0.9896	0.4962	0.9269	0.9916	0.9067
57.3	0.9828	0.3089	0.9980	0.9927	0.6132	0.9446	0.9928	0.9147
57.4	0.9834	0.4542	0.9981	0.9934	0.6712	0.9288	0.9907	0.9207
57.5	0.9845	0.4982	0.9977	0.9920	0.6632	0.9342	0.9922	0.9311
57.6	0.9780	0.2223	0.9967	0.9859	0.5863	0.9161	0.9872	0.8782
57.7	0.9769	0.0907	0.9963	0.9856	0.5666	0.8868	0.9793	0.8321
57.8	0.9787	0.1221	0.9971	0.9900	0.6407	0.8921	0.9847	0.8473
57.9	0.9800	0.2077	0.9972	0.9913	0.7522	0.9256	0.9895	0.8709
58.0	0.9785	0.3011	0.9970	0.9885	0.7202	0.9241	0.9828	0.8613
58.1	0.9824	0.4717	0.9967	0.9889	0.7151	0.9102	0.9851	0.8579
58.2	0.9868	0.5177	0.9975	0.9911	0.5705	0.9467	0.9875	0.8217
58.3	0.9816	0.5247	0.9979	0.9909	0.5462	0.9521	0.9855	0.7783
58.4	0.9789	0.6078	0.9973	0.9882	0.7125	0.9228	0.9793	0.8024
58.5	0.9796	0.6603	0.9972	0.9890	0.7773	0.9248	0.9783	0.8498
58.6	0.9781	0.7369	0.9976	0.9918	0.8089	0.9515	0.9828	0.8806
58.7	0.9803	0.7883	0.9975	0.9910	0.7929	0.9529	0.9831	0.8203
58.8	0.9779	0.8316	0.9967	0.9897	0.8333	0.9335	0.9833	0.8124
58.9	0.9756	0.8117	0.9959	0.9907	0.8459	0.9049	0.9826	0.8331
59.0	0.9366	0.6850	0.9967	0.9896	0.8078	0.9199	0.9763	0.7448
59.1	0.9301	0.7152	0.9968	0.9904	0.8210	0.9435	0.9736	0.7797
59.2	0.9744	0.8073	0.9966	0.9916	0.8232	0.9437	0.9831	0.7984
59.3	0.9792	0.8135	0.9973	0.9907	0.8316	0.9455	0.9817	0.7161
59.4	0.9778	0.8352	0.9977	0.9921	0.8500	0.9529	0.9824	0.7817
59.5	0.9666	0.7970	0.9972	0.9906	0.7957	0.9365	0.9782	0.6785

59.6	0.9717	0.7997	0.9974	0.9921	0.8124	0.9241	0.9738	0.6403
59.7	0.9825	0.8071	0.9968	0.9933	0.8135	0.9389	0.9787	0.6681
59.8	0.9568	0.8110	0.9969	0.9905	0.7526	0.9505	0.9710	0.6208
59.9	0.9379	0.8339	0.9971	0.9912	0.7254	0.9434	0.9517	0.4528
60.0	0.9451	0.8237	0.9949	0.9866	0.8059	0.9164	0.9464	0.2469
60.1	0.9628	0.8630	0.9946	0.9899	0.8647	0.9034	0.9605	0.3338
60.2	0.9836	0.9486	0.9973	0.9946	0.9503	0.9378	0.9728	0.7961
60.3	0.9742	0.9535	0.9969	0.9946	0.9548	0.9269	0.9751	0.7927
60.4	0.9554	0.9324	0.9964	0.9912	0.9322	0.9060	0.9507	0.7213
60.5	0.9575	0.9503	0.9961	0.9911	0.9518	0.9310	0.9627	0.7175
60.6	0.9658	0.9691	0.9966	0.9925	0.9666	0.9217	0.9722	0.7723
60.7	0.9736	0.9727	0.9954	0.9944	0.9680	0.9249	0.9688	0.7721
60.8	0.9751	0.9808	0.9972	0.9948	0.9809	0.9562	0.9705	0.8123
60.9	0.9755	0.9786	0.9972	0.9942	0.9745	0.9462	0.9746	0.7316
61.0	0.9747	0.9775	0.9973	0.9954	0.9719	0.9369	0.9756	0.7504
61.1	0.9710	0.9669	0.9949	0.9947	0.9610	0.9330	0.9626	0.5534
61.2	0.9720	0.9779	0.9960	0.9947	0.9724	0.9471	0.9764	0.6038
61.3	0.9664	0.9732	0.9957	0.9937	0.9615	0.9262	0.9644	0.5687
61.4	0.9456	0.9649	0.9928	0.9919	0.9434	0.9027	0.9623	0.3797
61.5	0.9590	0.9842	0.9964	0.9957	0.9602	0.9412	0.9804	0.4315
61.6	0.9645	0.9863	0.9970	0.9966	0.9593	0.9370	0.9764	0.5030
61.7	0.9500	0.9839	0.9958	0.9946	0.9470	0.9110	0.9739	0.5609
61.8	0.9436	0.9767	0.9950	0.9931	0.9258	0.9309	0.9741	0.5416
61.9	0.9439	0.9844	0.9947	0.9953	0.9443	0.9492	0.9759	0.4699
62.0	0.9222	0.9868	0.9963	0.9949	0.9522	0.9399	0.9759	0.4691
62.1	0.8946	0.9824	0.9950	0.9932	0.9434	0.9209	0.9700	0.5083
62.2	0.8898	0.9826	0.9945	0.9941	0.9258	0.9400	0.9774	0.3215
62.3	0.8416	0.9835	0.9929	0.9921	0.9130	0.9233	0.9781	0.2653
62.4	0.8433	0.9847	0.9932	0.9926	0.9253	0.9198	0.9804	0.3474
62.5	0.8793	0.9886	0.9925	0.9937	0.9388	0.9350	0.9810	0.3438
62.6	0.8359	0.9890	0.9919	0.9928	0.9357	0.9528	0.9783	0.3765
62.7	0.8303	0.9907	0.9938	0.9925	0.9452	0.9218	0.9810	0.2522
62.8	0.6995	0.9853	0.9924	0.9851	0.9075	0.8863	0.9671	0.2141
62.9	0.7633	0.9848	0.9932	0.9904	0.9255	0.9255	0.9659	0.2943
63.0	0.8698	0.9917	0.9947	0.9939	0.9618	0.9521	0.9840	0.5335
63.1	0.8058	0.9905	0.9948	0.9917	0.9515	0.9588	0.9818	0.4818
63.2	0.7558	0.9874	0.9926	0.9908	0.9328	0.9426	0.9810	0.4760
63.3	0.7929	0.9906	0.9930	0.9899	0.9556	0.9410	0.9826	0.4191
63.4	0.8020	0.9875	0.9899	0.9889	0.9416	0.9195	0.9804	0.1629
63.5	0.8635	0.9916	0.9941	0.9924	0.9492	0.9272	0.9842	0.1839
63.6	0.8459	0.9891	0.9904	0.9907	0.9352	0.9378	0.9757	0.2178
63.7	0.8592	0.9886	0.9903	0.9892	0.9372	0.9422	0.9783	0.2238
63.8	0.9008	0.9912	0.9896	0.9909	0.9506	0.9352	0.9776	0.3709
63.9	0.8820	0.9916	0.9890	0.9899	0.9396	0.9308	0.9677	0.4361
64.0	0.8629	0.9915	0.9889	0.9909	0.9380	0.9471	0.9748	0.2006
64.1	0.8810	0.9911	0.9903	0.9911	0.9454	0.9346	0.9764	0.2684
64.2	0.8722	0.9865	0.9871	0.9870	0.9354	0.9013	0.9686	0.3162
64.3	0.8923	0.9874	0.9842	0.9872	0.9471	0.9272	0.9747	0.2683
64.4	0.9119	0.9880	0.9845	0.9899	0.9421	0.9326	0.9732	0.3791
64.5	0.9141	0.9895	0.9867	0.9898	0.9390	0.9328	0.9556	0.3868
64.6	0.8979	0.9874	0.9860	0.9885	0.9363	0.9414	0.9453	0.3809
64.7	0.8916	0.9879	0.9828	0.9870	0.9323	0.9460	0.9487	0.3795
64.8	0.9275	0.9884	0.9842	0.9899	0.9551	0.9543	0.9610	0.5014
64.9	0.9108	0.9866	0.9782	0.9896	0.9448	0.9399	0.9551	0.5289
65.0	0.8979	0.9883	0.9833	0.9899	0.9502	0.9507	0.9610	0.5535
65.1	0.8988	0.9874	0.9862	0.9864	0.9414	0.9408	0.9465	0.4932
65.2	0.8970	0.9842	0.9831	0.9842	0.9389	0.9446	0.9451	0.5007
65.3	0.9302	0.9895	0.9836	0.9894	0.9580	0.9485	0.9662	0.6303
65.4	0.9107	0.9906	0.9825	0.9905	0.9601	0.9613	0.9666	0.5797
65.5	0.8947	0.9858	0.9826	0.9869	0.9473	0.9594	0.9599	0.5618
65.6	0.9104	0.9884	0.9837	0.9861	0.9569	0.9514	0.9649	0.6551
65.7	0.9192	0.9903	0.9816	0.9898	0.9607	0.9616	0.9604	0.6981
65.8	0.9025	0.9852	0.9833	0.9877	0.9580	0.9708	0.9567	0.6177
65.9	0.8916	0.9850	0.9779	0.9847	0.9524	0.9634	0.9604	0.5817
66.0	0.9065	0.9849	0.9741	0.9846	0.9521	0.9579	0.9643	0.6313
66.1	0.8905	0.9820	0.9726	0.9790	0.9337	0.9496	0.9574	0.5380
66.2	0.8712	0.9752	0.9683	0.9642	0.9326	0.9322	0.9465	0.5607
66.3	0.9132	0.9807	0.9775	0.9752	0.9484	0.9481	0.9617	0.6357
66.4	0.9267	0.9826	0.9781	0.9760	0.9479	0.9632	0.9651	0.5869
66.5	0.9472	0.9862	0.9780	0.9717	0.9538	0.9711	0.9653	0.6380
66.6	0.9367	0.9855	0.9796	0.9690	0.9560	0.9602	0.9437	0.6032
66.7	0.9513	0.9798	0.9803	0.9792	0.9476	0.9562	0.9431	0.6044
66.8	0.9555	0.9780	0.9744	0.9861	0.9514	0.9565	0.9634	0.6349
66.9	0.9527	0.9717	0.9706	0.9815	0.9442	0.9518	0.9604	0.5880
67.0	0.9591	0.9749	0.9714	0.9788	0.9253	0.9401	0.9463	0.6272
67.1	0.9673	0.9772	0.9763	0.9809	0.9335	0.9528	0.9451	0.6227
67.2	0.9643	0.9786	0.9759	0.9838	0.9438	0.9545	0.9363	0.6029
67.3	0.9743	0.9803	0.9785	0.9897	0.9526	0.9542	0.9470	0.6988
67.4	0.9754	0.9751	0.9763	0.9905	0.9411	0.9439	0.9541	0.7326
67.5	0.9675	0.9607	0.9663	0.9845	0.9304	0.9479	0.9390	0.6276
67.6	0.9676	0.9645	0.9686	0.9852	0.9366	0.9553	0.9192	0.7021
67.7	0.9787	0.9766	0.9737	0.9896	0.9371	0.9597	0.9409	0.7090
67.8	0.9801	0.9768	0.9707	0.9894	0.9390	0.9628	0.9427	0.7491
67.9	0.9744	0.9744	0.9692	0.9830	0.9498	0.9629	0.9083	0.7013
68.0	0.9789	0.9717	0.9748	0.9888	0.9482	0.9546	0.9103	0.7892
68.1	0.9786	0.9706	0.9711	0.9881	0.9592	0.9391	0.9080	0.7551

68.2	0.9741	0.9707	0.9662	0.9850	0.9497	0.9466	0.9194	0.7377
68.3	0.9801	0.9661	0.9722	0.9856	0.9606	0.9560	0.9247	0.7955
68.4	0.9821	0.9623	0.9715	0.9838	0.9542	0.9443	0.9128	0.7359
68.5	0.9844	0.9672	0.9692	0.9882	0.9675	0.9573	0.9086	0.7716
68.6	0.9823	0.9720	0.9757	0.9876	0.9707	0.9639	0.9162	0.7270
68.7	0.9769	0.9582	0.9632	0.9847	0.9597	0.9471	0.8650	0.7224
68.8	0.9793	0.9522	0.9578	0.9863	0.9578	0.9467	0.8761	0.7589
68.9	0.9889	0.9677	0.9778	0.9890	0.9677	0.9632	0.9050	0.8003
69.0	0.9855	0.9472	0.9719	0.9862	0.9525	0.9562	0.8925	0.7613
69.1	0.9775	0.9317	0.9643	0.9856	0.9536	0.9435	0.8858	0.6967
69.2	0.9786	0.9182	0.9635	0.9820	0.9613	0.9385	0.8919	0.7225
69.3	0.9824	0.9167	0.9700	0.9875	0.9634	0.9546	0.9189	0.8206
69.4	0.9821	0.9096	0.9696	0.9891	0.9609	0.9451	0.9232	0.8164
69.5	0.9795	0.8784	0.9576	0.9811	0.9595	0.9158	0.9215	0.7563
69.6	0.9740	0.8872	0.9452	0.9779	0.9551	0.9037	0.9451	0.8170
69.7	0.9776	0.8933	0.9583	0.9867	0.9644	0.9243	0.9533	0.8592
69.8	0.9736	0.8625	0.9503	0.9813	0.9633	0.9207	0.9363	0.8318
69.9	0.9721	0.8439	0.9455	0.9767	0.9583	0.8712	0.9149	0.7552
70.0	0.9755	0.8663	0.9421	0.9806	0.9591	0.8741	0.9416	0.7378
70.1	0.9704	0.8692	0.9439	0.9795	0.9525	0.8769	0.9478	0.6665
70.2	0.9727	0.8839	0.9480	0.9827	0.9570	0.8799	0.9667	0.6959
70.3	0.9762	0.9071	0.9456	0.9854	0.9669	0.8918	0.9659	0.7471
70.4	0.9794	0.9090	0.9511	0.9836	0.9706	0.9068	0.9617	0.7362
70.5	0.9825	0.9075	0.9581	0.9866	0.9738	0.9020	0.9659	0.7516
70.6	0.9679	0.9015	0.9351	0.9823	0.9670	0.8684	0.9637	0.7009
70.7	0.9640	0.9056	0.9212	0.9785	0.9548	0.8601	0.9592	0.6418
70.8	0.9644	0.8907	0.9254	0.9780	0.9438	0.8620	0.9624	0.6861
70.9	0.9717	0.8832	0.9365	0.9826	0.9630	0.8418	0.9586	0.6229
71.0	0.9747	0.8893	0.9452	0.9842	0.9610	0.7927	0.9602	0.5499
71.1	0.9735	0.9098	0.9475	0.9820	0.9576	0.8010	0.9593	0.5676
71.2	0.9760	0.9419	0.9446	0.9816	0.9639	0.8195	0.9656	0.5197
71.3	0.9714	0.9211	0.9378	0.9783	0.9579	0.7119	0.9655	0.3430
71.4	0.9680	0.9300	0.9399	0.9774	0.9574	0.6441	0.9571	0.1790
71.5	0.9709	0.9529	0.9468	0.9780	0.9689	0.6665	0.9606	0.2098
71.6	0.9753	0.9518	0.9501	0.9811	0.9645	0.6026	0.9630	0.2007
71.7	0.9759	0.9530	0.9483	0.9836	0.9634	0.5930	0.9642	0.0468
71.8	0.9725	0.9561	0.9414	0.9775	0.9584	0.6362	0.9712	0.0558
71.9	0.9735	0.9513	0.9430	0.9741	0.9651	0.5489	0.9646	0.0669
72.0	0.9600	0.9508	0.9356	0.9691	0.9509	0.4791	0.9636	0.0115
72.1	0.9625	0.9585	0.9487	0.9701	0.9551	0.3729	0.9606	0.1190
72.2	0.9645	0.9660	0.9462	0.9686	0.9566	0.3024	0.9569	0.3185
72.3	0.9648	0.9547	0.9546	0.9724	0.9584	0.0889	0.9588	0.3915
72.4	0.9685	0.9467	0.9608	0.9781	0.9636	0.2523	0.9658	0.4433
72.5	0.9631	0.9528	0.9503	0.9661	0.9515	0.4160	0.9710	0.5496
72.6	0.9610	0.9536	0.9518	0.9647	0.9424	0.3501	0.9673	0.5526
72.7	0.9379	0.9400	0.9399	0.9538	0.9300	0.2667	0.9535	0.6243
72.8	0.9530	0.9549	0.9535	0.9508	0.9399	0.4104	0.9643	0.7590
72.9	0.9484	0.9486	0.9510	0.9470	0.9220	0.4040	0.9539	0.5836
73.0	0.9457	0.9597	0.9552	0.9534	0.9286	0.4533	0.9596	0.5333
73.1	0.9469	0.9644	0.9579	0.9584	0.9308	0.4037	0.9633	0.6696
73.2	0.9450	0.9609	0.9601	0.9606	0.9285	0.3564	0.9610	0.7231
73.3	0.9396	0.9615	0.9624	0.9565	0.9307	0.2408	0.9530	0.7444
73.4	0.9355	0.9698	0.9585	0.9497	0.9228	0.1783	0.9594	0.7642
73.5	0.9448	0.9710	0.9646	0.9449	0.9297	0.1758	0.9621	0.8049
73.6	0.9417	0.9724	0.9653	0.9381	0.9254	0.2290	0.9488	0.8493
73.7	0.9493	0.9728	0.9752	0.9582	0.9264	0.3600	0.9528	0.7857
73.8	0.9453	0.9692	0.9741	0.9551	0.9223	0.3746	0.9489	0.7899
73.9	0.9361	0.9684	0.9729	0.9380	0.9328	0.2879	0.9511	0.7852
74.0	0.9319	0.9757	0.9779	0.9369	0.9465	0.2155	0.9618	0.8576
74.1	0.9158	0.9670	0.9710	0.9253	0.9224	0.2765	0.9362	0.8523
74.2	0.8939	0.9697	0.9673	0.9273	0.9182	0.1647	0.9314	0.8173
74.3	0.9011	0.9662	0.9699	0.9318	0.9246	0.1241	0.9386	0.8359
74.4	0.8970	0.9568	0.9747	0.9021	0.9160	0.0767	0.9295	0.7823
74.5	0.8942	0.9564	0.9760	0.8967	0.9067	0.1136	0.9273	0.8136
74.6	0.8990	0.9716	0.9832	0.9104	0.9005	0.1789	0.9269	0.8070
74.7	0.8903	0.9789	0.9807	0.9191	0.8991	0.2927	0.9216	0.7835
74.8	0.8790	0.9708	0.9804	0.9219	0.9110	0.3219	0.9371	0.8377
74.9	0.8991	0.9739	0.9847	0.9377	0.9196	0.4858	0.9480	0.8817
75.0	0.8994	0.9725	0.9835	0.9300	0.9157	0.4139	0.9311	0.8451
75.1	0.8653	0.9655	0.9809	0.9320	0.9069	0.3812	0.9157	0.8247
75.2	0.8300	0.9599	0.9786	0.9170	0.8504	0.3747	0.9176	0.7699
75.3	0.8704	0.9553	0.9855	0.9288	0.8613	0.5893	0.9261	0.7995
75.4	0.8356	0.9563	0.9888	0.9356	0.8908	0.4729	0.9222	0.8012
75.5	0.8236	0.9568	0.9865	0.9081	0.8758	0.4530	0.9176	0.8199
75.6	0.8254	0.9682	0.9866	0.8961	0.8704	0.4219	0.9343	0.7860
75.7	0.8172	0.9659	0.9880	0.9149	0.8708	0.4539	0.9499	0.8104
75.8	0.7858	0.9526	0.9880	0.8969	0.8471	0.4613	0.9345	0.7816
75.9	0.7156	0.9521	0.9887	0.9058	0.8296	0.5822	0.9161	0.7777
76.0	0.7444	0.9502	0.9877	0.9017	0.8592	0.6315	0.8973	0.7312
76.1	0.7673	0.9406	0.9868	0.9030	0.8158	0.6589	0.9101	0.6808
76.2	0.7260	0.9257	0.9890	0.8969	0.7900	0.6314	0.8835	0.7205
76.3	0.6825	0.9158	0.9899	0.8909	0.7387	0.6316	0.8677	0.7084
76.4	0.7266	0.9265	0.9910	0.9166	0.8006	0.6318	0.8815	0.7232
76.5	0.6668	0.9378	0.9904	0.9216	0.8083	0.6043	0.8872	0.7160
76.6	0.5816	0.9428	0.9904	0.9070	0.8015	0.6342	0.9058	0.7202
76.7	0.6132	0.9345	0.9921	0.9092	0.8167	0.7348	0.8958	0.7430

76.8	0.6289	0.9315	0.9937	0.9143	0.8310	0.7910	0.8741	0.7710
76.9	0.5934	0.9434	0.9937	0.9253	0.8487	0.7894	0.9003	0.7694
77.0	0.4209	0.9315	0.9920	0.8710	0.7580	0.6470	0.8712	0.6507
77.1	0.3745	0.9072	0.9916	0.8563	0.7613	0.6787	0.8534	0.6704
77.2	0.3722	0.9287	0.9933	0.8953	0.7972	0.7620	0.8291	0.6570
77.3	0.3440	0.9392	0.9921	0.8798	0.7418	0.6739	0.8025	0.6582
77.4	0.2801	0.9234	0.9924	0.8252	0.6931	0.5850	0.7898	0.6521
77.5	0.3852	0.9321	0.9949	0.8465	0.7789	0.6514	0.8007	0.7043
77.6	0.3953	0.9399	0.9943	0.8570	0.7686	0.6980	0.8230	0.6926
77.7	0.2375	0.9388	0.9934	0.8548	0.7507	0.7187	0.7617	0.7218
77.8	0.2106	0.9523	0.9933	0.8890	0.8048	0.7641	0.7915	0.7962
77.9	0.2096	0.9459	0.9934	0.8702	0.8126	0.6951	0.7614	0.7512
78.0	0.0934	0.9438	0.9940	0.8538	0.7799	0.6624	0.6818	0.6857
78.1	0.3420	0.9477	0.9930	0.8860	0.7842	0.7686	0.6108	0.8018
78.2	0.3939	0.9492	0.9937	0.8631	0.7977	0.7542	0.6891	0.8485
78.3	0.4222	0.9670	0.9951	0.8760	0.8151	0.7687	0.7078	0.8158
78.4	0.5164	0.9636	0.9956	0.8880	0.7863	0.7844	0.7337	0.8096
78.5	0.5007	0.9611	0.9940	0.8761	0.7446	0.7749	0.7183	0.7689
78.6	0.5320	0.9519	0.9948	0.8940	0.7780	0.7897	0.7748	0.8198
78.7	0.5188	0.9636	0.9938	0.9040	0.8165	0.7750	0.7582	0.8291
78.8	0.4783	0.9617	0.9940	0.9128	0.7949	0.7499	0.7329	0.8370
78.9	0.5956	0.9263	0.9932	0.8428	0.7641	0.7535	0.6770	0.8163
79.0	0.6763	0.9159	0.9928	0.8368	0.8329	0.7767	0.6499	0.8518
79.1	0.5891	0.9384	0.9928	0.8370	0.8326	0.7331	0.6645	0.8448
79.2	0.6061	0.9495	0.9940	0.8821	0.8011	0.7315	0.6813	0.8507
79.3	0.6043	0.9590	0.9940	0.9027	0.7981	0.7674	0.7266	0.8635
79.4	0.7012	0.9701	0.9944	0.9027	0.8522	0.7625	0.7167	0.8772
79.5	0.7561	0.9657	0.9939	0.8776	0.7730	0.7199	0.7415	0.8495
79.6	0.7185	0.9723	0.9943	0.8706	0.7056	0.7401	0.7723	0.8160
79.7	0.6778	0.9665	0.9946	0.8599	0.7002	0.7170	0.6579	0.8233
79.8	0.6708	0.9528	0.9927	0.8673	0.7095	0.7117	0.6322	0.8448
79.9	0.6106	0.9490	0.9931	0.8656	0.7464	0.6979	0.6922	0.8325
80.0	0.7312	0.9602	0.9939	0.8914	0.7895	0.7326	0.7498	0.8590

2.2.88 Run 8 – VT315 – Accels 25–32

Vertical shaking at 315°. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	--	0.3182	0.2606	0.3087	0.0865	0.1498	0.3360	0.1597
0.1	--	0.0500	0.0308	0.0600	0.0689	0.0585	0.0715	0.0163
0.2	--	0.0039	0.0151	0.0006	0.0233	0.0135	0.0196	0.0013
0.3	--	0.0043	0.0632	0.0268	0.0329	0.1229	0.0012	0.0072
0.4	--	0.0350	0.1082	0.0348	0.0052	0.0015	0.0013	0.0574
0.5	--	0.0252	0.0121	0.0078	0.0456	0.0320	0.0120	0.0077
0.6	--	0.0409	0.0028	0.0058	0.0051	0.0068	0.0601	0.0185
0.7	--	0.0569	0.0085	0.0263	0.0439	0.0081	0.0404	0.0058
0.8	--	0.0227	0.0141	0.0035	0.0770	0.0479	0.0560	0.0143
0.9	--	0.0239	0.0078	0.0239	0.0070	0.0193	0.0052	0.0151
1.0	--	0.0957	0.0519	0.0006	0.0032	0.0089	0.0339	0.0206
1.1	--	0.0114	0.0791	0.0063	0.0185	0.0096	0.0214	0.0172
1.2	--	0.0214	0.1036	0.0310	0.0159	0.0245	0.0266	0.0265
1.3	--	0.0792	0.0014	0.0026	0.0136	0.0010	0.0144	0.0636
1.4	--	0.0914	0.0650	0.0029	0.0146	0.0173	0.0067	0.0108
1.5	--	0.0816	0.2694	0.0022	0.0059	0.0861	0.0178	0.0083
1.6	--	0.0765	0.2057	0.0256	0.0074	0.1235	0.0042	0.0160
1.7	--	0.0230	0.3146	0.0317	0.0031	0.0403	0.0092	0.0343
1.8	--	0.0214	0.6084	0.0183	0.0043	0.0382	0.0838	0.2480
1.9	--	0.0751	0.8130	0.0087	0.0134	0.1167	0.0516	0.3492
2.0	--	0.0473	0.6233	0.0180	0.0230	0.1527	0.0047	0.2412
2.1	--	0.2810	0.6290	0.0467	0.0104	0.3217	0.0887	0.3344
2.2	--	0.4546	0.6036	0.0193	0.0630	0.3005	0.1214	0.3101
2.3	--	0.3277	0.5116	0.0108	0.1524	0.3174	0.1413	0.3284
2.4	--	0.0998	0.2557	0.0845	0.0019	0.1608	0.0657	0.3203
2.5	--	0.0420	0.2851	0.0761	0.0291	0.0980	0.0196	0.3161
2.6	--	0.2443	0.5462	0.0546	0.0064	0.1913	0.0489	0.4319
2.7	--	0.5481	0.5739	0.1081	0.0256	0.3337	0.0065	0.3759
2.8	--	0.3615	0.3946	0.0957	0.0246	0.1240	0.0135	0.1383
2.9	--	0.1670	0.3605	0.0232	0.0111	0.0434	0.0047	0.1440
3.0	--	0.0656	0.3175	0.0483	0.0088	0.1245	0.0031	0.1144
3.1	--	0.1228	0.1651	0.1171	0.0157	0.2297	0.0128	0.1368
3.2	--	0.0557	0.0515	0.0790	0.0078	0.1075	0.0265	0.2189
3.3	--	0.0223	0.0598	0.0555	0.0125	0.0521	0.0007	0.0790
3.4	--	0.0272	0.0916	0.0118	0.0381	0.0149	0.0019	0.0109
3.5	--	0.0296	0.1822	0.0220	0.0405	0.0130	0.0036	0.0522
3.6	--	0.0253	0.1209	0.0027	0.0053	0.0082	0.0163	0.0317
3.7	--	0.0172	0.1255	0.0011	0.0985	0.1329	0.0977	0.0860
3.8	--	0.0252	0.0003	0.1158	0.2925	0.1066	0.4513	0.2753
3.9	--	0.1293	0.0264	0.4326	0.4592	0.1359	0.6842	0.5231
4.0	--	0.0395	0.0889	0.4672	0.4368	0.3913	0.6963	0.6577
4.1	--	0.0055	0.2074	0.4524	0.5177	0.6544	0.6569	0.7529
4.2	--	0.0282	0.2161	0.4753	0.5261	0.5947	0.6492	0.7545
4.3	--	0.0010	0.1211	0.3943	0.5209	0.5801	0.4930	0.6671
4.4	--	0.0075	0.0661	0.3161	0.4699	0.6943	0.3816	0.7540
4.5	--	0.1076	0.1640	0.3675	0.3961	0.7003	0.0754	0.7719
4.6	--	0.1538	0.2949	0.2489	0.3966	0.6930	0.0526	0.7341
4.7	--	0.1882	0.2842	0.2455	0.0871	0.6173	0.1604	0.5710
4.8	--	0.2846	0.4635	0.1665	0.3762	0.7818	0.5904	0.7708
4.9	--	0.1566	0.3759	0.0976	0.3118	0.6824	0.6122	0.6318
5.0	--	0.0405	0.2508	0.3199	0.2738	0.4448	0.0674	0.4676
5.1	--	0.1969	0.3322	0.5675	0.3602	0.7201	0.3915	0.7125
5.2	--	0.5110	0.1801	0.5602	0.6847	0.8044	0.7621	0.7819
5.3	--	0.4395	0.0214	0.3257	0.6081	0.6028	0.6549	0.5636
5.4	--	0.3449	0.0071	0.0689	0.4017	0.2442	0.4827	0.2008
5.5	--	0.4161	0.1456	0.0431	0.7029	0.4853	0.7105	0.4877
5.6	--	0.4838	0.3689	0.4096	0.7769	0.7123	0.8160	0.7198
5.7	--	0.4327	0.6022	0.6747	0.8409	0.7375	0.8458	0.7029
5.8	--	0.5090	0.7164	0.7597	0.8754	0.8713	0.8801	0.8352
5.9	--	0.7027	0.7976	0.8337	0.9023	0.8344	0.8718	0.8077
6.0	--	0.8364	0.7135	0.8932	0.9005	0.7448	0.8022	0.7046
6.1	--	0.8846	0.7459	0.9288	0.9131	0.8384	0.8216	0.8300
6.2	--	0.9096	0.7319	0.9280	0.9507	0.8457	0.9313	0.8616
6.3	--	0.9438	0.5002	0.9459	0.9777	0.8505	0.9684	0.9024
6.4	--	0.9659	0.2099	0.9586	0.9764	0.8931	0.9547	0.9451
6.5	--	0.9608	0.1923	0.9496	0.9682	0.8422	0.9558	0.9398
6.6	--	0.9697	0.1858	0.9614	0.9853	0.7752	0.9844	0.9366
6.7	--	0.9520	0.0746	0.9517	0.9783	0.7414	0.9778	0.9264
6.8	--	0.9497	0.2380	0.9600	0.9783	0.7268	0.9854	0.9358
6.9	--	0.9449	0.4930	0.9449	0.9721	0.6532	0.9808	0.9223
7.0	--	0.8944	0.6402	0.9329	0.9139	0.6251	0.9267	0.8636
7.1	--	0.9157	0.7729	0.9380	0.9142	0.6150	0.9011	0.8252
7.2	--	0.9056	0.8045	0.8803	0.8789	0.5621	0.8197	0.6882
7.3	--	0.9352	0.9267	0.8109	0.9612	0.5933	0.7832	0.6357
7.4	--	0.9539	0.9287	0.8893	0.9728	0.7565	0.8621	0.7438
7.5	--	0.9607	0.9395	0.9434	0.9711	0.7644	0.9425	0.7037
7.6	--	0.9900	0.9613	0.9682	0.9895	0.9177	0.9939	0.8630
7.7	--	0.9937	0.9512	0.9737	0.9916	0.9267	0.9951	0.8364
7.8	--	0.9960	0.9588	0.9718	0.9909	0.9284	0.9907	0.7907
7.9	--	0.9942	0.9523	0.9801	0.9862	0.8960	0.9846	0.6386

8.0	--	0.9931	0.9544	0.9813	0.9866	0.6884	0.9865	0.0791
8.1	--	0.9952	0.9512	0.9859	0.9823	0.8092	0.9846	0.0862
8.2	--	0.9959	0.9434	0.9903	0.9846	0.9303	0.9855	0.3619
8.3	--	0.9959	0.9402	0.9910	0.9927	0.9379	0.9911	0.5681
8.4	--	0.9949	0.9203	0.9910	0.9845	0.9112	0.9822	0.6897
8.5	--	0.9962	0.9140	0.9938	0.9896	0.9057	0.9881	0.8335
8.6	--	0.9951	0.8903	0.9896	0.9897	0.8726	0.9883	0.8687
8.7	--	0.9952	0.9048	0.9877	0.9873	0.7649	0.9862	0.8841
8.8	--	0.9948	0.8899	0.9884	0.9877	0.6939	0.9888	0.8016
8.9	--	0.9921	0.6586	0.9862	0.9906	0.6839	0.9843	0.4121
9.0	--	0.9783	0.2539	0.9636	0.9783	0.4786	0.9536	0.5426
9.1	--	0.9829	0.5248	0.9737	0.9846	0.4321	0.9694	0.7571
9.2	--	0.9737	0.7228	0.9672	0.9743	0.4755	0.9746	0.9094
9.3	--	0.9636	0.7474	0.9553	0.9630	0.6203	0.9622	0.9588
9.4	--	0.9218	0.7225	0.9212	0.9179	0.3594	0.9153	0.9053
9.5	--	0.9283	0.7636	0.9362	0.9170	0.2486	0.9147	0.9009
9.6	--	0.9597	0.8670	0.9687	0.9543	0.5900	0.9549	0.9214
9.7	--	0.9691	0.8549	0.9781	0.9604	0.6999	0.9613	0.9358
9.8	--	0.9690	0.8356	0.9838	0.9631	0.8038	0.9579	0.9637
9.9	--	0.9868	0.7673	0.9930	0.9854	0.7840	0.9817	0.9575
10.0	--	0.9875	0.5205	0.9937	0.9742	0.6780	0.9787	0.9180
10.1	--	0.9846	0.5500	0.9949	0.9818	0.8095	0.9811	0.9390
10.2	--	0.9889	0.5659	0.9942	0.9859	0.8789	0.9850	0.9380
10.3	--	0.9932	0.6472	0.9975	0.9872	0.8849	0.9842	0.9149
10.4	--	0.9951	0.7535	0.9971	0.9760	0.8044	0.9786	0.8726
10.5	--	0.9949	0.7120	0.9961	0.9784	0.7360	0.9817	0.8785
10.6	--	0.9894	0.5606	0.9954	0.9795	0.7403	0.9783	0.8524
10.7	--	0.9857	0.5990	0.9954	0.9769	0.6772	0.9844	0.8077
10.8	--	0.9832	0.7267	0.9957	0.9792	0.5694	0.9800	0.8066
10.9	--	0.9817	0.8131	0.9947	0.9711	0.6066	0.9795	0.7858
11.0	--	0.9742	0.7907	0.9937	0.9582	0.6162	0.9772	0.8348
11.1	--	0.9756	0.7959	0.9950	0.9476	0.4819	0.9685	0.8431
11.2	--	0.9697	0.8788	0.9948	0.9622	0.4849	0.9785	0.8574
11.3	--	0.9595	0.8835	0.9941	0.9513	0.5409	0.9710	0.8781
11.4	--	0.9478	0.9131	0.9954	0.9557	0.6757	0.9631	0.8902
11.5	--	0.9293	0.9280	0.9958	0.9665	0.7754	0.9700	0.9160
11.6	--	0.8598	0.9202	0.9935	0.9650	0.8275	0.9664	0.9129
11.7	--	0.8821	0.9332	0.9947	0.9786	0.8948	0.9708	0.9414
11.8	--	0.8560	0.9267	0.9937	0.9788	0.8954	0.9682	0.9266
11.9	--	0.8611	0.9223	0.9947	0.9816	0.9160	0.9804	0.9401
12.0	--	0.9066	0.9235	0.9953	0.9860	0.9276	0.9870	0.9377
12.1	--	0.9185	0.9308	0.9942	0.9862	0.9510	0.9817	0.9410
12.2	--	0.9552	0.9206	0.9951	0.9844	0.9479	0.9803	0.9487
12.3	--	0.9617	0.9280	0.9954	0.9857	0.9522	0.9799	0.9478
12.4	--	0.9658	0.9345	0.9934	0.9834	0.9515	0.9798	0.9430
12.5	--	0.9666	0.9568	0.9932	0.9823	0.9530	0.9801	0.9607
12.6	--	0.9791	0.9717	0.9947	0.9867	0.9664	0.9862	0.9723
12.7	--	0.9786	0.9696	0.9942	0.9858	0.9742	0.9831	0.9533
12.8	--	0.9827	0.9718	0.9937	0.9845	0.9707	0.9802	0.9433
12.9	--	0.9809	0.9761	0.9936	0.9821	0.9737	0.9788	0.9319
13.0	--	0.9812	0.9804	0.9928	0.9688	0.9616	0.9783	0.8960
13.1	--	0.9835	0.9863	0.9941	0.9736	0.9597	0.9748	0.8440
13.2	--	0.9856	0.9920	0.9948	0.9852	0.9662	0.9789	0.8781
13.3	--	0.9820	0.9890	0.9922	0.9688	0.9508	0.9554	0.8804
13.4	--	0.9893	0.9932	0.9948	0.9712	0.9646	0.9649	0.9060
13.5	--	0.9867	0.9936	0.9941	0.9773	0.9506	0.9678	0.8803
13.6	--	0.9856	0.9943	0.9931	0.9745	0.9438	0.9671	0.8623
13.7	--	0.9878	0.9960	0.9917	0.9773	0.9429	0.9618	0.8918
13.8	--	0.9857	0.9966	0.9923	0.9738	0.9491	0.9658	0.9162
13.9	--	0.9789	0.9969	0.9884	0.9523	0.9513	0.9681	0.9177
14.0	--	0.9728	0.9969	0.9835	0.9256	0.9469	0.9636	0.9093
14.1	--	0.9813	0.9966	0.9892	0.9384	0.9507	0.9636	0.9171
14.2	--	0.9733	0.9956	0.9844	0.9335	0.9602	0.9646	0.9352
14.3	--	0.9753	0.9954	0.9871	0.9280	0.9545	0.9677	0.9289
14.4	--	0.9839	0.9962	0.9901	0.9300	0.9654	0.9813	0.9447
14.5	--	0.9819	0.9950	0.9867	0.9331	0.9673	0.9842	0.9536
14.6	--	0.9847	0.9957	0.9891	0.9489	0.9804	0.9854	0.9699
14.7	--	0.9875	0.9974	0.9911	0.9593	0.9710	0.9785	0.9528
14.8	--	0.9864	0.9960	0.9911	0.9450	0.9537	0.9670	0.9299
14.9	--	0.9892	0.9964	0.9923	0.9506	0.9720	0.9672	0.9542
15.0	--	0.9802	0.9887	0.9908	0.9555	0.9704	0.9701	0.9532
15.1	--	0.9818	0.9876	0.9930	0.9579	0.9701	0.9722	0.9487
15.2	--	0.9782	0.9849	0.9940	0.9733	0.9728	0.9749	0.9536
15.3	--	0.9625	0.9816	0.9874	0.9614	0.9625	0.9605	0.9237
15.4	--	0.9639	0.9829	0.9896	0.9651	0.9522	0.9626	0.9149
15.5	--	0.9773	0.9860	0.9931	0.9576	0.9637	0.9678	0.9431
15.6	--	0.9573	0.9696	0.9814	0.9185	0.9297	0.9546	0.8991
15.7	--	0.9697	0.9783	0.9833	0.8609	0.9341	0.9704	0.9138
15.8	--	0.9714	0.9718	0.9791	0.7341	0.9238	0.9544	0.9029
15.9	--	0.9772	0.9730	0.9786	0.7307	0.9248	0.9543	0.9056
16.0	--	0.9871	0.9784	0.9869	0.9059	0.9325	0.9653	0.9224
16.1	--	0.9937	0.9868	0.9937	0.9600	0.9374	0.9751	0.9346
16.2	--	0.9934	0.9847	0.9928	0.9562	0.8929	0.9724	0.9075
16.3	--	0.9940	0.9904	0.9935	0.9508	0.9026	0.9848	0.9405
16.4	--	0.9925	0.9916	0.9906	0.9603	0.8308	0.9813	0.9119
16.5	--	0.9883	0.9894	0.9846	0.9616	0.4369	0.9854	0.8023

16.6	--	0.9924	0.9863	0.9842	0.8921	0.5571	0.9752	0.6655
16.7	--	0.9938	0.9863	0.9878	0.8936	0.8766	0.9555	0.0796
16.8	--	0.9878	0.9787	0.9871	0.8546	0.8995	0.8748	0.4307
16.9	--	0.9810	0.9818	0.9843	0.7834	0.9445	0.9174	0.7876
17.0	--	0.9858	0.9894	0.9832	0.5459	0.9223	0.9051	0.8071
17.1	--	0.9878	0.9897	0.9664	0.5051	0.7480	0.7479	0.6849
17.2	--	0.9884	0.9865	0.9885	0.6359	0.7921	0.8640	0.8118
17.3	--	0.9806	0.9902	0.9852	0.4149	0.7703	0.8722	0.8888
17.4	--	0.9861	0.9961	0.9777	0.0594	0.6451	0.9129	0.8352
17.5	--	0.9911	0.9982	0.9779	0.4820	0.8296	0.9258	0.7398
17.6	--	0.9924	0.9978	0.9773	0.7969	0.9458	0.9547	0.9149
17.7	--	0.9911	0.9985	0.9810	0.8657	0.9810	0.9791	0.9551
17.8	--	0.9936	0.9989	0.9811	0.8972	0.9796	0.9804	0.9490
17.9	--	0.9935	0.9991	0.9805	0.8839	0.9738	0.9786	0.9553
18.0	--	0.9952	0.9989	0.9794	0.8557	0.9622	0.9724	0.9481
18.1	--	0.9933	0.9986	0.9795	0.8448	0.9588	0.9734	0.9434
18.2	--	0.9934	0.9992	0.9776	0.8973	0.9661	0.9757	0.9530
18.3	--	0.9967	0.9993	0.9858	0.8649	0.9522	0.9826	0.9502
18.4	--	0.9942	0.9992	0.9814	0.8366	0.9368	0.9748	0.9499
18.5	--	0.9878	0.9991	0.9291	0.8330	0.9377	0.9708	0.9542
18.6	--	0.9688	0.9983	0.6423	0.7915	0.9026	0.9440	0.9118
18.7	--	0.9873	0.9979	0.4333	0.8153	0.8947	0.9610	0.9050
18.8	--	0.9957	0.9978	0.8964	0.8389	0.8469	0.9544	0.8458
18.9	--	0.9971	0.9982	0.9555	0.8173	0.8156	0.9521	0.8306
19.0	--	0.9973	0.9982	0.9687	0.8375	0.8077	0.9609	0.8490
19.1	--	0.9976	0.9980	0.9772	0.8713	0.7992	0.9632	0.8688
19.2	--	0.9974	0.9976	0.9783	0.8687	0.7724	0.9585	0.8621
19.3	--	0.9970	0.9978	0.9767	0.8988	0.7872	0.9540	0.8798
19.4	--	0.9979	0.9977	0.9830	0.9230	0.7964	0.9620	0.8931
19.5	--	0.9967	0.9970	0.9791	0.9201	0.7463	0.9625	0.8733
19.6	--	0.9948	0.9953	0.9682	0.9121	0.6199	0.9536	0.8070
19.7	--	0.9937	0.9957	0.9677	0.9048	0.3320	0.9527	0.6789
19.8	--	0.9941	0.9969	0.9660	0.9334	0.3699	0.9629	0.7074
19.9	--	0.9888	0.9953	0.9508	0.9134	0.2107	0.9518	0.5189
20.0	--	0.9901	0.9950	0.9501	0.9359	0.2929	0.9525	0.5938
20.1	--	0.9914	0.9949	0.9506	0.9269	0.3760	0.9326	0.6548
20.2	--	0.9909	0.9949	0.9571	0.9245	0.4393	0.9259	0.7388
20.3	--	0.9928	0.9957	0.9595	0.9517	0.5314	0.9469	0.7833
20.4	--	0.9938	0.9952	0.9681	0.9552	0.6104	0.9517	0.8312
20.5	--	0.9944	0.9939	0.9695	0.9528	0.4460	0.9495	0.7516
20.6	--	0.9917	0.9900	0.9510	0.9335	0.3350	0.9286	0.5478
20.7	--	0.9905	0.9884	0.9353	0.9377	0.4749	0.9089	0.5203
20.8	--	0.9944	0.9893	0.9316	0.9490	0.6019	0.8995	0.5268
20.9	--	0.9936	0.9823	0.9263	0.9368	0.4473	0.8979	0.1492
21.0	--	0.9934	0.9857	0.9264	0.9444	0.4772	0.9170	0.1141
21.1	--	0.9944	0.9861	0.9320	0.9563	0.6080	0.9431	0.3399
21.2	--	0.9960	0.9822	0.9237	0.9588	0.6774	0.9436	0.4589
21.3	--	0.9961	0.9761	0.9220	0.9556	0.7097	0.9358	0.5072
21.4	--	0.9959	0.9790	0.9051	0.9568	0.7151	0.9055	0.2669
21.5	--	0.9955	0.9747	0.8983	0.9624	0.6811	0.9277	0.0789
21.6	--	0.9959	0.9651	0.8580	0.9499	0.6872	0.9277	0.2116
21.7	--	0.9964	0.9646	0.8574	0.9038	0.6025	0.8840	0.2531
21.8	--	0.9965	0.9643	0.8162	0.8346	0.6092	0.7912	0.2517
21.9	--	0.9967	0.9631	0.7928	0.8557	0.7501	0.7498	0.4420
22.0	--	0.9957	0.9580	0.6582	0.8806	0.7072	0.7779	0.4113
22.1	--	0.9959	0.9501	0.5302	0.9215	0.6364	0.8199	0.3528
22.2	--	0.9972	0.9625	0.6250	0.9514	0.6408	0.8656	0.3500
22.3	--	0.9961	0.9548	0.5297	0.9544	0.6564	0.9091	0.4383
22.4	--	0.9963	0.9654	0.3336	0.9668	0.7563	0.9477	0.6477
22.5	--	0.9966	0.9655	0.4077	0.9619	0.7335	0.9394	0.7078
22.6	--	0.9967	0.9601	0.5499	0.9700	0.6970	0.9430	0.7203
22.7	--	0.9959	0.9680	0.4352	0.9678	0.7245	0.9411	0.7835
22.8	--	0.9965	0.9690	0.4176	0.9521	0.7170	0.9410	0.8090
22.9	--	0.9957	0.9710	0.3459	0.9081	0.4230	0.9079	0.7300
23.0	--	0.9962	0.9774	0.1385	0.9013	0.0694	0.8799	0.6302
23.1	--	0.9965	0.9790	0.3346	0.9162	0.2167	0.8900	0.6463
23.2	--	0.9969	0.9850	0.5292	0.9425	0.3997	0.8504	0.6110
23.3	--	0.9970	0.9828	0.5773	0.9351	0.3962	0.8336	0.4741
23.4	--	0.9974	0.9863	0.6993	0.9525	0.5269	0.7964	0.3512
23.5	--	0.9974	0.9893	0.7614	0.9675	0.6039	0.8314	0.4426
23.6	--	0.9976	0.9909	0.7670	0.9714	0.6899	0.8548	0.4516
23.7	--	0.9982	0.9909	0.8433	0.9683	0.7839	0.8213	0.2892
23.8	--	0.9980	0.9932	0.8685	0.9594	0.7518	0.7633	0.1435
23.9	--	0.9983	0.9941	0.8799	0.9703	0.8179	0.7442	0.0302
24.0	--	0.9983	0.9938	0.8941	0.9695	0.8741	0.8024	0.0242
24.1	--	0.9982	0.9930	0.8750	0.9613	0.8549	0.8016	0.0978
24.2	--	0.9983	0.9944	0.8585	0.9454	0.8474	0.8079	0.1021
24.3	--	0.9981	0.9950	0.8162	0.9447	0.8507	0.8564	0.1141
24.4	--	0.9984	0.9973	0.8483	0.9588	0.8857	0.9050	0.2097
24.5	--	0.9982	0.9959	0.8632	0.9654	0.8852	0.9003	0.1908
24.6	--	0.9979	0.9962	0.9084	0.9681	0.8553	0.8948	0.1696
24.7	--	0.9977	0.9968	0.9269	0.9715	0.8618	0.8836	0.0839
24.8	--	0.9973	0.9949	0.9290	0.9760	0.8990	0.8106	0.3049
24.9	--	0.9976	0.9954	0.9515	0.9775	0.9152	0.7944	0.5010
25.0	--	0.9974	0.9968	0.9663	0.9847	0.9419	0.8210	0.7091
25.1	--	0.9965	0.9949	0.9473	0.9836	0.9446	0.8288	0.7905

25.2	--	0.9974	0.9955	0.9647	0.9840	0.9686	0.9127	0.8807
25.3	--	0.9978	0.9967	0.9736	0.9863	0.9715	0.9400	0.8910
25.4	--	0.9972	0.9956	0.9680	0.9828	0.9628	0.9040	0.8881
25.5	--	0.9970	0.9954	0.9699	0.9810	0.9707	0.9388	0.9204
25.6	--	0.9959	0.9927	0.9506	0.9702	0.9691	0.9321	0.8864
25.7	--	0.9957	0.9942	0.9480	0.9704	0.9651	0.9430	0.9176
25.8	--	0.9960	0.9913	0.9612	0.9592	0.9698	0.9408	0.9457
25.9	--	0.9974	0.9916	0.9694	0.9638	0.9796	0.9506	0.9657
26.0	--	0.9979	0.9896	0.9726	0.9809	0.9806	0.9685	0.9716
26.1	--	0.9975	0.9838	0.9734	0.9813	0.9733	0.9630	0.9621
26.2	--	0.9955	0.9839	0.9501	0.9803	0.9777	0.9647	0.9703
26.3	--	0.9980	0.9873	0.9689	0.9797	0.9868	0.9574	0.9758
26.4	--	0.9981	0.9844	0.9619	0.9772	0.9763	0.9585	0.9714
26.5	--	0.9977	0.9779	0.9566	0.9757	0.9751	0.9696	0.9808
26.6	--	0.9981	0.9687	0.9569	0.9746	0.9774	0.9660	0.9760
26.7	--	0.9978	0.9587	0.9412	0.9644	0.9733	0.9560	0.9713
26.8	--	0.9979	0.9478	0.9286	0.9637	0.9823	0.9574	0.9798
26.9	--	0.9981	0.9111	0.9403	0.9592	0.9759	0.9423	0.9717
27.0	--	0.9983	0.8950	0.9445	0.9421	0.9657	0.9484	0.9596
27.1	--	0.9979	0.8858	0.9285	0.9375	0.9507	0.9288	0.9539
27.2	--	0.9978	0.9007	0.9098	0.9232	0.9415	0.9033	0.9386
27.3	--	0.9975	0.9332	0.9124	0.9156	0.9357	0.8814	0.9314
27.4	--	0.9978	0.9364	0.9307	0.9055	0.9203	0.8764	0.9160
27.5	--	0.9981	0.9741	0.9326	0.9227	0.9415	0.8983	0.9214
27.6	--	0.9981	0.9773	0.9322	0.8954	0.9485	0.8727	0.9258
27.7	--	0.9978	0.9798	0.9492	0.8364	0.9475	0.8406	0.9220
27.8	--	0.9980	0.9831	0.9611	0.7757	0.9470	0.7850	0.9315
27.9	--	0.9985	0.9887	0.9690	0.6706	0.9518	0.6707	0.9475
28.0	--	0.9982	0.9887	0.9739	0.5717	0.9365	0.4564	0.9404
28.1	--	0.9977	0.9909	0.9701	0.5849	0.9283	0.1217	0.9335
28.2	--	0.9970	0.9925	0.9742	0.7321	0.9308	0.1254	0.9585
28.3	--	0.9984	0.9956	0.9866	0.8360	0.9543	0.0279	0.9708
28.4	--	0.9990	0.9957	0.9858	0.9084	0.9614	0.1392	0.9724
28.5	--	0.9988	0.9956	0.9778	0.9102	0.9378	0.2613	0.9516
28.6	--	0.9989	0.9962	0.9819	0.9296	0.9338	0.5232	0.9520
28.7	--	0.9990	0.9968	0.9815	0.9651	0.9378	0.7259	0.9686
28.8	--	0.9991	0.9977	0.9847	0.9620	0.9503	0.7939	0.9740
28.9	--	0.9992	0.9976	0.9865	0.9678	0.9289	0.8717	0.9772
29.0	--	0.9991	0.9975	0.9861	0.9657	0.9273	0.8875	0.9780
29.1	--	0.9989	0.9976	0.9852	0.9657	0.9263	0.9035	0.9760
29.2	--	0.9990	0.9975	0.9842	0.9743	0.9329	0.9106	0.9825
29.3	--	0.9993	0.9979	0.9863	0.9767	0.9533	0.9294	0.9798
29.4	--	0.9994	0.9979	0.9884	0.9811	0.9530	0.9556	0.9825
29.5	--	0.9992	0.9975	0.9899	0.9831	0.9478	0.9598	0.9853
29.6	--	0.9992	0.9980	0.9915	0.9835	0.9473	0.9537	0.9819
29.7	--	0.9991	0.9977	0.9926	0.9817	0.9586	0.9498	0.9812
29.8	--	0.9990	0.9979	0.9893	0.9821	0.9574	0.9621	0.9782
29.9	--	0.9977	0.9965	0.9487	0.9325	0.9559	0.8894	0.9093
30.0	--	0.9981	0.9975	0.9669	0.9537	0.9642	0.9187	0.9336
30.1	--	0.9992	0.9976	0.9950	0.9895	0.9704	0.9798	0.9848
30.2	--	0.9988	0.9974	0.9937	0.9835	0.9642	0.9731	0.9826
30.3	--	0.9977	0.9966	0.9911	0.9868	0.9516	0.9772	0.9779
30.4	--	0.9981	0.9969	0.9916	0.9853	0.9507	0.9615	0.9758
30.5	--	0.9984	0.9975	0.9913	0.9824	0.9463	0.9567	0.9684
30.6	--	0.9983	0.9956	0.9906	0.9812	0.9618	0.9633	0.9686
30.7	--	0.9986	0.9943	0.9949	0.9862	0.9637	0.9618	0.9707
30.8	--	0.9989	0.9954	0.9928	0.9838	0.9775	0.9584	0.9666
30.9	--	0.9984	0.9943	0.9921	0.9886	0.9821	0.9531	0.9677
31.0	--	0.9972	0.9902	0.9909	0.9786	0.9794	0.9229	0.9368
31.1	--	0.9971	0.9906	0.9904	0.9757	0.9732	0.9039	0.9090
31.2	--	0.9973	0.9901	0.9897	0.9788	0.9806	0.9097	0.8993
31.3	--	0.9981	0.9908	0.9912	0.9812	0.9855	0.9553	0.9359
31.4	--	0.9979	0.9883	0.9919	0.9821	0.9851	0.9616	0.9500
31.5	--	0.9974	0.9859	0.9895	0.9722	0.9839	0.9500	0.9211
31.6	--	0.9969	0.9825	0.9894	0.9754	0.9768	0.9584	0.8976
31.7	--	0.9966	0.9813	0.9916	0.9805	0.9801	0.9735	0.8958
31.8	--	0.9968	0.9812	0.9921	0.9789	0.9852	0.9708	0.9224
31.9	--	0.9963	0.9745	0.9892	0.9747	0.9829	0.9653	0.9064
32.0	--	0.9944	0.9659	0.9878	0.9724	0.9735	0.9567	0.8566
32.1	--	0.9912	0.9613	0.9866	0.9605	0.9729	0.9686	0.8410
32.2	--	0.9916	0.9584	0.9851	0.9664	0.9706	0.9648	0.8397
32.3	--	0.9904	0.9448	0.9854	0.9547	0.9732	0.9417	0.7755
32.4	--	0.9930	0.9568	0.9887	0.9665	0.9835	0.9596	0.8212
32.5	--	0.9931	0.9485	0.9898	0.9619	0.9892	0.9492	0.8611
32.6	--	0.9949	0.9536	0.9920	0.9584	0.9912	0.9408	0.8905
32.7	--	0.9947	0.9510	0.9910	0.9485	0.9842	0.9246	0.9100
32.8	--	0.9935	0.9493	0.9872	0.9332	0.9757	0.9146	0.9093
32.9	--	0.9943	0.9452	0.9844	0.9245	0.9706	0.8851	0.8784
33.0	--	0.9942	0.9414	0.9816	0.9258	0.9670	0.8953	0.8447
33.1	--	0.9942	0.9459	0.9799	0.9167	0.9555	0.8707	0.8572
33.2	--	0.9958	0.9664	0.9828	0.9244	0.9759	0.8475	0.8927
33.3	--	0.9941	0.9598	0.9743	0.9047	0.9652	0.7805	0.8224
33.4	--	0.9953	0.9455	0.9740	0.8971	0.9662	0.6195	0.7857
33.5	--	0.9951	0.9280	0.9716	0.7933	0.9548	0.3477	0.7239
33.6	--	0.9959	0.9168	0.9692	0.7205	0.9528	0.3204	0.6006
33.7	--	0.9925	0.8796	0.9418	0.6459	0.9464	0.2239	0.4216

33.8	--	0.9891	0.7958	0.9283	0.5086	0.9529	0.2935	0.4312
33.9	--	0.9916	0.8065	0.9495	0.4356	0.9523	0.4817	0.6012
34.0	--	0.9900	0.8507	0.9408	0.3209	0.9403	0.5006	0.6773
34.1	--	0.9865	0.8822	0.9394	0.3184	0.9104	0.4720	0.6078
34.2	--	0.9859	0.8947	0.9541	0.4425	0.9234	0.4254	0.7089
34.3	--	0.9900	0.9483	0.9623	0.5981	0.9365	0.4124	0.7322
34.4	--	0.9939	0.9705	0.9648	0.6119	0.9516	0.2713	0.8186
34.5	--	0.9936	0.9760	0.9706	0.6773	0.9498	0.2710	0.8347
34.6	--	0.9937	0.9741	0.9752	0.7425	0.9492	0.3018	0.8184
34.7	--	0.9942	0.9741	0.9707	0.7464	0.9508	0.1875	0.8036
34.8	--	0.9943	0.9746	0.9655	0.6874	0.9555	0.1529	0.8327
34.9	--	0.9951	0.9796	0.9726	0.7734	0.9684	0.2921	0.8590
35.0	--	0.9956	0.9830	0.9710	0.8472	0.9730	0.3739	0.9038
35.1	--	0.9929	0.9673	0.9499	0.8147	0.9670	0.3134	0.8880
35.2	--	0.9940	0.9776	0.9619	0.8584	0.9717	0.3692	0.9055
35.3	--	0.9938	0.9723	0.9654	0.8611	0.9764	0.4628	0.9164
35.4	--	0.9943	0.9644	0.9636	0.8900	0.9848	0.4843	0.9348
35.5	--	0.9946	0.9651	0.9704	0.8922	0.9862	0.6497	0.9441
35.6	--	0.9958	0.9775	0.9756	0.9246	0.9895	0.7504	0.9611
35.7	--	0.9933	0.9752	0.9562	0.8942	0.9832	0.7695	0.9522
35.8	--	0.9951	0.9678	0.9703	0.9109	0.9833	0.8303	0.9560
35.9	--	0.9953	0.9759	0.9753	0.9341	0.9841	0.9052	0.9673
36.0	--	0.9956	0.9778	0.9700	0.9402	0.9836	0.9023	0.9702
36.1	--	0.9947	0.9825	0.9687	0.9272	0.9855	0.9139	0.9753
36.2	--	0.9946	0.9831	0.9658	0.9333	0.9823	0.9300	0.9740
36.3	--	0.9967	0.9879	0.9751	0.9513	0.9875	0.9523	0.9773
36.4	--	0.9975	0.9865	0.9732	0.9512	0.9864	0.9501	0.9704
36.5	--	0.9971	0.9852	0.9615	0.9572	0.9815	0.9633	0.9720
36.6	--	0.9968	0.9868	0.9659	0.9717	0.9831	0.9715	0.9827
36.7	--	0.9971	0.9835	0.9590	0.9678	0.9799	0.9706	0.9775
36.8	--	0.9972	0.9863	0.9538	0.9715	0.9782	0.9686	0.9754
36.9	--	0.9964	0.9757	0.9507	0.9705	0.9656	0.9564	0.9757
37.0	--	0.9965	0.9754	0.9446	0.9657	0.9647	0.9675	0.9762
37.1	--	0.9955	0.9747	0.9111	0.9692	0.9736	0.9788	0.9775
37.2	--	0.9947	0.9692	0.9003	0.9735	0.9730	0.9846	0.9772
37.3	--	0.9950	0.9637	0.9151	0.9701	0.9744	0.9828	0.9764
37.4	--	0.9971	0.9700	0.9544	0.9667	0.9847	0.9894	0.9809
37.5	--	0.9981	0.9662	0.9625	0.9583	0.9879	0.9892	0.9829
37.6	--	0.9973	0.9656	0.9598	0.9499	0.9881	0.9891	0.9824
37.7	--	0.9956	0.9662	0.9470	0.9252	0.9812	0.9833	0.9682
37.8	--	0.9961	0.9699	0.9269	0.9256	0.9844	0.9870	0.9635
37.9	--	0.9950	0.9728	0.8847	0.8922	0.9752	0.9801	0.9147
38.0	--	0.9956	0.9809	0.8745	0.9161	0.9824	0.9839	0.9079
38.1	--	0.9952	0.9804	0.8754	0.9168	0.9815	0.9871	0.9276
38.2	--	0.9957	0.9812	0.8875	0.8604	0.9839	0.9856	0.9524
38.3	--	0.9966	0.9812	0.8552	0.8460	0.9848	0.9841	0.9651
38.4	--	0.9952	0.9793	0.6770	0.8706	0.9867	0.9782	0.9651
38.5	--	0.9967	0.9853	0.6482	0.9135	0.9917	0.9879	0.9702
38.6	--	0.9961	0.9842	0.4909	0.9262	0.9936	0.9851	0.9792
38.7	--	0.9963	0.9833	0.3197	0.9169	0.9941	0.9887	0.9838
38.8	--	0.9957	0.9851	0.2346	0.9285	0.9933	0.9887	0.9769
38.9	--	0.9952	0.9813	0.1895	0.9166	0.9926	0.9882	0.9685
39.0	--	0.9955	0.9834	0.1101	0.9186	0.9920	0.9865	0.9640
39.1	--	0.9970	0.9878	0.0648	0.9469	0.9949	0.9868	0.9699
39.2	--	0.9955	0.9779	0.0007	0.9386	0.9949	0.9753	0.9669
39.3	--	0.9964	0.9834	0.1490	0.9262	0.9942	0.9785	0.9684
39.4	--	0.9953	0.9718	0.2698	0.8910	0.9924	0.9705	0.9558
39.5	--	0.9954	0.9737	0.4765	0.9011	0.9936	0.9742	0.9625
39.6	--	0.9956	0.9632	0.6021	0.8857	0.9955	0.9740	0.9654
39.7	--	0.9959	0.9569	0.5955	0.8370	0.9959	0.9694	0.9536
39.8	--	0.9965	0.9613	0.6642	0.7913	0.9960	0.9705	0.9564
39.9	--	0.9964	0.9485	0.7537	0.7659	0.9958	0.9672	0.9573
40.0	--	0.9960	0.9665	0.8745	0.8138	0.9976	0.9758	0.9659
40.1	--	0.9965	0.9600	0.8551	0.7675	0.9968	0.9752	0.9618
40.2	--	0.9957	0.9335	0.8425	0.6533	0.9962	0.9549	0.9403
40.3	--	0.9939	0.9127	0.8463	0.6219	0.9955	0.9492	0.9170
40.4	--	0.9944	0.9149	0.8703	0.6130	0.9939	0.9603	0.9359
40.5	--	0.9948	0.8945	0.8833	0.6059	0.9932	0.9545	0.9455
40.6	--	0.9955	0.9127	0.9096	0.6075	0.9947	0.9559	0.9297
40.7	--	0.9938	0.8995	0.8899	0.6128	0.9942	0.9413	0.9203
40.8	--	0.9916	0.8926	0.8474	0.5187	0.9904	0.9053	0.9016
40.9	--	0.9927	0.9033	0.8599	0.4483	0.9940	0.9165	0.9174
41.0	--	0.9881	0.8570	0.8519	0.4542	0.9911	0.8965	0.8421
41.1	--	0.9911	0.8916	0.8843	0.4805	0.9940	0.8779	0.8798
41.2	--	0.9907	0.8910	0.8858	0.4860	0.9941	0.8330	0.8852
41.3	--	0.9899	0.8217	0.8666	0.4712	0.9920	0.7636	0.8700
41.4	--	0.9861	0.8100	0.8659	0.4793	0.9919	0.7422	0.8632
41.5	--	0.9853	0.8430	0.8591	0.4902	0.9910	0.5643	0.9205
41.6	--	0.9836	0.8585	0.8740	0.5106	0.9900	0.5371	0.9011
41.7	--	0.9780	0.8528	0.8741	0.5273	0.9890	0.4476	0.8870
41.8	--	0.9638	0.7587	0.7627	0.3528	0.9892	0.0802	0.8588
41.9	--	0.9667	0.7613	0.7928	0.4699	0.9918	0.0252	0.8837
42.0	--	0.9757	0.7512	0.7730	0.6000	0.9925	0.0789	0.9098
42.1	--	0.9738	0.7165	0.7118	0.5841	0.9922	0.2861	0.9115
42.2	--	0.9725	0.6671	0.6508	0.5659	0.9877	0.4047	0.9084
42.3	--	0.9744	0.7365	0.6615	0.5960	0.9915	0.6176	0.9563

42.4	--	0.9570	0.7292	0.6416	0.4664	0.9919	0.4325	0.9311
42.5	--	0.9389	0.6202	0.4672	0.4514	0.9893	0.4836	0.9322
42.6	--	0.9532	0.5881	0.5706	0.5918	0.9872	0.6473	0.9526
42.7	--	0.9443	0.5472	0.5818	0.5735	0.9866	0.6248	0.9621
42.8	--	0.9550	0.6114	0.6322	0.6449	0.9880	0.6584	0.9630
42.9	--	0.9505	0.6692	0.6369	0.5564	0.9866	0.6398	0.9509
43.0	--	0.9229	0.5772	0.5714	0.4568	0.9820	0.5348	0.9380
43.1	--	0.9215	0.4808	0.5545	0.4663	0.9836	0.5373	0.9324
43.2	--	0.9366	0.4097	0.5366	0.5821	0.9882	0.6618	0.9474
43.3	--	0.9434	0.3153	0.4383	0.6596	0.9841	0.7356	0.9545
43.4	--	0.9617	0.4026	0.4667	0.7600	0.9882	0.8372	0.9752
43.5	--	0.9512	0.3857	0.5385	0.7204	0.9832	0.7721	0.9610
43.6	--	0.9379	0.5582	0.7043	0.5365	0.9830	0.6872	0.9450
43.7	--	0.9456	0.5788	0.7800	0.5064	0.9831	0.6982	0.9455
43.8	--	0.9431	0.5160	0.7283	0.5224	0.9847	0.6691	0.9510
43.9	--	0.9483	0.4118	0.6350	0.5719	0.9870	0.6752	0.9586
44.0	--	0.9219	0.4266	0.6485	0.3135	0.9879	0.4551	0.9434
44.1	--	0.9041	0.3939	0.6834	0.2828	0.9826	0.2493	0.9325
44.2	--	0.9273	0.2194	0.5975	0.4486	0.9731	0.3478	0.9367
44.3	--	0.9088	0.3782	0.5545	0.3239	0.9647	0.2785	0.9182
44.4	--	0.9010	0.3906	0.5606	0.3933	0.9614	0.3244	0.9218
44.5	--	0.9073	0.4371	0.6194	0.4905	0.9713	0.4274	0.9237
44.6	--	0.8802	0.3131	0.5421	0.4305	0.9615	0.3610	0.9149
44.7	--	0.8891	0.3210	0.5676	0.6018	0.9698	0.4451	0.9332
44.8	--	0.8862	0.3322	0.6618	0.6123	0.9726	0.3340	0.9168
44.9	--	0.8463	0.1481	0.5685	0.5843	0.9533	0.2010	0.8904
45.0	--	0.8517	0.2389	0.5645	0.5942	0.9671	0.1843	0.9158
45.1	--	0.8807	0.4270	0.6278	0.6265	0.9778	0.2216	0.9378
45.2	--	0.8969	0.3637	0.6014	0.6386	0.9755	0.3067	0.9275
45.3	--	0.9150	0.3886	0.5899	0.6403	0.9610	0.4620	0.9038
45.4	--	0.9325	0.5802	0.7006	0.7241	0.9668	0.5871	0.9127
45.5	--	0.9258	0.5003	0.7112	0.7342	0.9698	0.6387	0.8962
45.6	--	0.9153	0.3416	0.6757	0.7233	0.9659	0.5835	0.8928
45.7	--	0.9258	0.2190	0.6650	0.6969	0.9746	0.5214	0.8931
45.8	--	0.9393	0.3162	0.7051	0.7164	0.9817	0.6754	0.9015
45.9	--	0.9541	0.4503	0.7650	0.7506	0.9885	0.8022	0.9331
46.0	--	0.9506	0.5305	0.7676	0.7004	0.9862	0.8129	0.9154
46.1	--	0.9358	0.4474	0.6886	0.5985	0.9824	0.8265	0.8873
46.2	--	0.9555	0.4700	0.6996	0.7303	0.9881	0.8878	0.9205
46.3	--	0.9711	0.3946	0.7691	0.7699	0.9919	0.9265	0.9363
46.4	--	0.9746	0.5646	0.8465	0.7886	0.9945	0.9513	0.9596
46.5	--	0.9727	0.5975	0.8621	0.7779	0.9928	0.9531	0.9495
46.6	--	0.9750	0.5396	0.8370	0.7891	0.9935	0.9727	0.9556
46.7	--	0.9771	0.6808	0.8688	0.7745	0.9928	0.9785	0.9478
46.8	--	0.9789	0.7774	0.8795	0.7399	0.9918	0.9798	0.9266
46.9	--	0.9809	0.7879	0.8673	0.8091	0.9930	0.9769	0.9472
47.0	--	0.9836	0.8241	0.9069	0.8573	0.9915	0.9839	0.9500
47.1	--	0.9838	0.8335	0.9145	0.8815	0.9917	0.9873	0.9649
47.2	--	0.9850	0.8583	0.8863	0.9242	0.9915	0.9856	0.9726
47.3	--	0.9896	0.8577	0.8939	0.9407	0.9913	0.9883	0.9604
47.4	--	0.9889	0.7860	0.9219	0.9469	0.9892	0.9874	0.9628
47.5	--	0.9886	0.8086	0.9112	0.9471	0.9842	0.9852	0.9535
47.6	--	0.9845	0.8120	0.8773	0.9425	0.9837	0.9843	0.9506
47.7	--	0.9855	0.7964	0.8467	0.9420	0.9868	0.9831	0.9497
47.8	--	0.9895	0.8071	0.8837	0.9530	0.9884	0.9849	0.9649
47.9	--	0.9859	0.7893	0.8480	0.9462	0.9856	0.9787	0.9479
48.0	--	0.9877	0.7694	0.7952	0.9505	0.9875	0.9694	0.9491
48.1	--	0.9918	0.7693	0.8562	0.9627	0.9898	0.9677	0.9635
48.2	--	0.9893	0.7788	0.8786	0.9617	0.9917	0.9626	0.9655
48.3	--	0.9868	0.7234	0.8578	0.9549	0.9913	0.9515	0.9540
48.4	--	0.9846	0.7856	0.8323	0.9509	0.9912	0.9177	0.9390
48.5	--	0.9880	0.9002	0.8830	0.9567	0.9871	0.8950	0.9605
48.6	--	0.9852	0.8905	0.8793	0.9500	0.9880	0.8655	0.9620
48.7	--	0.9819	0.8618	0.8395	0.9410	0.9867	0.8568	0.9559
48.8	--	0.9899	0.8705	0.8884	0.9337	0.9901	0.8749	0.9538
48.9	--	0.9858	0.8580	0.8515	0.9187	0.9861	0.8394	0.9378
49.0	--	0.9791	0.8613	0.7825	0.9200	0.9769	0.8253	0.9337
49.1	--	0.9839	0.8485	0.8046	0.9474	0.9829	0.8678	0.9392
49.2	--	0.9801	0.8560	0.7829	0.9190	0.9820	0.8800	0.9378
49.3	--	0.9851	0.8779	0.8360	0.9411	0.9835	0.9358	0.9337
49.4	--	0.9832	0.8713	0.8633	0.9408	0.9831	0.9547	0.9422
49.5	--	0.9729	0.7848	0.7644	0.8901	0.9732	0.9300	0.9166
49.6	--	0.9749	0.8125	0.8005	0.8985	0.9770	0.9452	0.9276
49.7	--	0.9796	0.9067	0.8818	0.9116	0.9822	0.9417	0.9418
49.8	--	0.9847	0.9316	0.8701	0.8651	0.9790	0.9328	0.9116
49.9	--	0.9770	0.8707	0.7809	0.7550	0.9656	0.9296	0.8705
50.0	--	0.9711	0.8971	0.7901	0.8539	0.9725	0.9442	0.9202
50.1	--	0.9750	0.9145	0.7621	0.8719	0.9805	0.9487	0.9300
50.2	--	0.9747	0.9245	0.6644	0.8406	0.9760	0.9372	0.9124
50.3	--	0.9702	0.9169	0.6883	0.8063	0.9747	0.9337	0.8762
50.4	--	0.9725	0.9152	0.7172	0.7654	0.9745	0.9221	0.8564
50.5	--	0.9691	0.8877	0.6946	0.7907	0.9793	0.9193	0.8797
50.6	--	0.9678	0.8964	0.6992	0.8622	0.9853	0.9392	0.8892
50.7	--	0.9480	0.8446	0.5752	0.7896	0.9640	0.9144	0.8839
50.8	--	0.9667	0.8295	0.6482	0.8692	0.9809	0.9398	0.9247
50.9	--	0.9745	0.8853	0.7185	0.8801	0.9858	0.9350	0.9348

51.0	--	0.9591	0.8135	0.6870	0.8434	0.9675	0.9332	0.8964
51.1	--	0.9432	0.8070	0.6626	0.8564	0.9610	0.9305	0.8916
51.2	--	0.9653	0.8480	0.7300	0.9174	0.9775	0.9600	0.9195
51.3	--	0.9522	0.6063	0.6370	0.9065	0.9672	0.9551	0.9230
51.4	--	0.9534	0.8118	0.6930	0.8938	0.9764	0.9559	0.9425
51.5	--	0.9373	0.8643	0.6914	0.8983	0.9724	0.9505	0.9313
51.6	--	0.9107	0.8831	0.6394	0.8720	0.9663	0.9374	0.9321
51.7	--	0.9342	0.9073	0.6956	0.9071	0.9623	0.9578	0.9431
51.8	--	0.9508	0.9096	0.7431	0.9183	0.9610	0.9542	0.9461
51.9	--	0.9521	0.8788	0.6661	0.9212	0.9630	0.9492	0.9462
52.0	--	0.9614	0.9262	0.6731	0.9436	0.9757	0.9439	0.9664
52.1	--	0.9298	0.9260	0.6404	0.9181	0.9651	0.9389	0.9682
52.2	--	0.9415	0.9444	0.7415	0.9361	0.9744	0.9489	0.9727
52.3	--	0.9548	0.9210	0.7353	0.9419	0.9812	0.9418	0.9718
52.4	--	0.9164	0.8779	0.5847	0.9146	0.9767	0.9326	0.9680
52.5	--	0.9411	0.9404	0.5884	0.9420	0.9796	0.9443	0.9729
52.6	--	0.9623	0.9366	0.6344	0.9653	0.9870	0.9563	0.9813
52.7	--	0.9423	0.8815	0.6462	0.9725	0.9850	0.9395	0.9853
52.8	--	0.9140	0.8566	0.7112	0.9629	0.9734	0.8597	0.9772
52.9	--	0.8923	0.8724	0.5901	0.9546	0.9724	0.6788	0.9653
53.0	--	0.8783	0.9341	0.6332	0.9557	0.9756	0.3819	0.9686
53.1	--	0.9190	0.9595	0.6077	0.9721	0.9772	0.5727	0.9752
53.2	--	0.9201	0.9398	0.4025	0.9660	0.9717	0.5561	0.9753
53.3	--	0.9100	0.9405	0.4293	0.9683	0.9742	0.6270	0.9743
53.4	--	0.9119	0.9189	0.4630	0.9728	0.9646	0.7913	0.9792
53.5	--	0.9229	0.8669	0.5391	0.9820	0.9672	0.8899	0.9806
53.6	--	0.9160	0.8247	0.4984	0.9698	0.9734	0.9077	0.9633
53.7	--	0.9350	0.9011	0.5022	0.9658	0.9821	0.9299	0.9662
53.8	--	0.9224	0.9270	0.4444	0.9542	0.9841	0.9487	0.9740
53.9	--	0.9069	0.9438	0.3605	0.9537	0.9848	0.9531	0.9643
54.0	--	0.9290	0.9484	0.4190	0.9619	0.9887	0.9171	0.9742
54.1	--	0.9395	0.9312	0.4117	0.9691	0.9825	0.9110	0.9789
54.2	--	0.9333	0.9409	0.4218	0.9661	0.9855	0.8624	0.9780
54.3	--	0.9292	0.9602	0.4098	0.9616	0.9852	0.7548	0.9787
54.4	--	0.8916	0.9381	0.2615	0.9332	0.9805	0.5565	0.9682
54.5	--	0.9394	0.9448	0.2876	0.9569	0.9834	0.8125	0.9791
54.6	--	0.9640	0.9459	0.4390	0.9779	0.9892	0.9194	0.9876
54.7	--	0.9671	0.9378	0.5132	0.9794	0.9908	0.9091	0.9873
54.8	--	0.9557	0.9448	0.4919	0.9851	0.9873	0.8518	0.9853
54.9	--	0.9382	0.9459	0.4451	0.9779	0.9900	0.8252	0.9822
55.0	--	0.9337	0.9527	0.5570	0.9780	0.9905	0.8482	0.9805
55.1	--	0.9438	0.9555	0.4896	0.9799	0.9908	0.8623	0.9857
55.2	--	0.9517	0.9609	0.4803	0.9786	0.9895	0.8508	0.9873
55.3	--	0.9418	0.9554	0.4981	0.9816	0.9902	0.8641	0.9848
55.4	--	0.9432	0.9467	0.5055	0.9826	0.9879	0.8612	0.9821
55.5	--	0.9323	0.9300	0.3892	0.9811	0.9856	0.8292	0.9805
55.6	--	0.9488	0.9456	0.4444	0.9805	0.9831	0.8712	0.9855
55.7	--	0.9416	0.9623	0.4737	0.9801	0.9812	0.8638	0.9855
55.8	--	0.9263	0.9626	0.4247	0.9840	0.9845	0.8413	0.9853
55.9	--	0.9049	0.9451	0.5166	0.9798	0.9792	0.8183	0.9830
56.0	--	0.8898	0.9129	0.5537	0.9784	0.9700	0.7687	0.9763
56.1	--	0.9040	0.9291	0.5926	0.9736	0.9771	0.7668	0.9761
56.2	--	0.9280	0.9524	0.5235	0.9775	0.9794	0.7301	0.9805
56.3	--	0.9309	0.9643	0.6047	0.9852	0.9831	0.7294	0.9791
56.4	--	0.8961	0.9354	0.5471	0.9826	0.9779	0.5166	0.9712
56.5	--	0.9165	0.9605	0.7047	0.9850	0.9833	0.3954	0.9773
56.6	--	0.9276	0.9708	0.6556	0.9839	0.9869	0.3802	0.9778
56.7	--	0.9194	0.9536	0.6875	0.9830	0.9839	0.2861	0.9808
56.8	--	0.8966	0.9447	0.7070	0.9830	0.9836	0.3118	0.9823
56.9	--	0.9072	0.9559	0.6854	0.9789	0.9845	0.3252	0.9812
57.0	--	0.9126	0.9613	0.6770	0.9833	0.9849	0.4166	0.9805
57.1	--	0.8990	0.9592	0.6013	0.9822	0.9805	0.3913	0.9801
57.2	--	0.8832	0.9525	0.5369	0.9815	0.9828	0.4123	0.9717
57.3	--	0.8775	0.9612	0.5091	0.9839	0.9885	0.6800	0.9780
57.4	--	0.8878	0.9547	0.3738	0.9849	0.9897	0.7204	0.9759
57.5	--	0.8946	0.9551	0.3982	0.9857	0.9889	0.7115	0.9799
57.6	--	0.8105	0.9323	0.2874	0.9745	0.9833	0.5413	0.9481
57.7	--	0.7721	0.9118	0.3642	0.9643	0.9808	0.4277	0.9389
57.8	--	0.8244	0.9144	0.3556	0.9729	0.9832	0.4568	0.9494
57.9	--	0.8581	0.9198	0.4742	0.9728	0.9896	0.5898	0.9248
58.0	--	0.8547	0.8992	0.4970	0.9667	0.9884	0.6760	0.9113
58.1	--	0.8414	0.8954	0.5113	0.9589	0.9865	0.7667	0.8953
58.2	--	0.8537	0.9225	0.5356	0.9635	0.9868	0.8380	0.9192
58.3	--	0.8261	0.9252	0.5937	0.9655	0.9866	0.8116	0.9284
58.4	--	0.7972	0.9220	0.6171	0.9592	0.9845	0.8208	0.8953
58.5	--	0.8565	0.9298	0.5878	0.9355	0.9836	0.8591	0.8899
58.6	--	0.8831	0.9295	0.6271	0.9358	0.9832	0.8595	0.8572
58.7	--	0.8366	0.9064	0.6778	0.9597	0.9885	0.9057	0.8668
58.8	--	0.8573	0.9276	0.6778	0.9610	0.9904	0.8789	0.8364
58.9	--	0.8635	0.9332	0.6623	0.9322	0.9875	0.8422	0.7720
59.0	--	0.7985	0.8892	0.6474	0.5653	0.9576	0.4585	0.3300
59.1	--	0.8443	0.9151	0.7056	0.5707	0.9626	0.4583	0.2524
59.2	--	0.8760	0.9515	0.6929	0.9229	0.9867	0.8390	0.7836
59.3	--	0.8499	0.9453	0.6919	0.9510	0.9848	0.8150	0.8185
59.4	--	0.8763	0.9544	0.6968	0.9485	0.9856	0.8270	0.8090
59.5	--	0.8366	0.9375	0.6278	0.9334	0.9847	0.8091	0.7557

59.6	--	0.7989	0.9362	0.5874	0.9326	0.9773	0.7560	0.7126
59.7	--	0.8081	0.9300	0.5925	0.9240	0.9758	0.7777	0.7308
59.8	--	0.5706	0.8840	0.6513	0.6675	0.9592	0.4035	0.6877
59.9	--	0.0174	0.0161	0.0962	0.6191	0.9527	0.2486	0.5713
60.0	--	0.0197	0.0182	0.0265	0.8230	0.9689	0.6104	0.4893
60.1	--	0.0542	0.0559	0.1273	0.8906	0.9761	0.6779	0.4262
60.2	--	0.7327	0.9348	0.7129	0.9346	0.9890	0.8599	0.4978
60.3	--	0.8304	0.9674	0.7499	0.9395	0.9859	0.8432	0.4486
60.4	--	0.7716	0.9463	0.5530	0.8630	0.9749	0.7756	0.3120
60.5	--	0.8050	0.9505	0.5560	0.8984	0.9772	0.8424	0.2614
60.6	--	0.8232	0.9645	0.6607	0.9258	0.9840	0.8728	0.2663
60.7	--	0.8465	0.9663	0.6450	0.9165	0.9768	0.8013	0.1144
60.8	--	0.8653	0.9767	0.7578	0.9360	0.9847	0.7805	0.0232
60.9	--	0.8420	0.9721	0.7674	0.9408	0.9794	0.7070	0.0215
61.0	--	0.8381	0.9717	0.7833	0.9279	0.9779	0.6997	0.0636
61.1	--	0.7487	0.9595	0.6561	0.9080	0.9688	0.6891	0.1691
61.2	--	0.8217	0.9667	0.7390	0.9211	0.9717	0.7100	0.3109
61.3	--	0.8022	0.9566	0.7279	0.9225	0.9601	0.6898	0.4217
61.4	--	0.7194	0.9499	0.6555	0.9124	0.9420	0.5577	0.4796
61.5	--	0.7874	0.9675	0.7818	0.9515	0.9698	0.5838	0.6086
61.6	--	0.8008	0.9730	0.8081	0.9580	0.9762	0.5118	0.7307
61.7	--	0.8017	0.9654	0.8327	0.9455	0.9693	0.3618	0.5990
61.8	--	0.8192	0.9588	0.8022	0.9469	0.9499	0.3046	0.4625
61.9	--	0.8381	0.9705	0.8314	0.9539	0.9442	0.3082	0.3633
62.0	--	0.8166	0.9752	0.8493	0.9627	0.9598	0.3735	0.3396
62.1	--	0.7871	0.9690	0.8227	0.9447	0.9593	0.2496	0.1321
62.2	--	0.7518	0.9587	0.7759	0.9372	0.9581	0.2690	0.2751
62.3	--	0.7141	0.9681	0.8307	0.9488	0.9680	0.2477	0.3590
62.4	--	0.7744	0.9668	0.8590	0.9392	0.9672	0.2829	0.3421
62.5	--	0.8118	0.9698	0.8519	0.9361	0.9712	0.3134	0.4183
62.6	--	0.8030	0.9665	0.8732	0.9027	0.9729	0.2901	0.4328
62.7	--	0.7092	0.9574	0.8564	0.8819	0.9704	0.2460	0.4881
62.8	--	0.6498	0.9486	0.7780	0.8479	0.9623	0.1834	0.5055
62.9	--	0.6620	0.9592	0.8052	0.8923	0.9682	0.1360	0.6242
63.0	--	0.8079	0.9762	0.8886	0.9289	0.9834	0.2546	0.8016
63.1	--	0.8131	0.9721	0.8857	0.9274	0.9779	0.2631	0.8013
63.2	--	0.7809	0.9626	0.8872	0.9182	0.9715	0.2346	0.8382
63.3	--	0.8203	0.9676	0.8916	0.9268	0.9778	0.3726	0.8574
63.4	--	0.7559	0.9602	0.8462	0.8864	0.9679	0.3362	0.8275
63.5	--	0.7708	0.9628	0.8693	0.9029	0.9719	0.3269	0.8695
63.6	--	0.7530	0.9531	0.8150	0.8897	0.9747	0.3818	0.8464
63.7	--	0.7252	0.9537	0.8390	0.8569	0.9764	0.5418	0.8237
63.8	--	0.7713	0.9669	0.8871	0.8731	0.9752	0.6596	0.8500
63.9	--	0.7471	0.9730	0.8515	0.8647	0.9756	0.6551	0.8236
64.0	--	0.7732	0.9687	0.8009	0.8072	0.9686	0.5856	0.8163
64.1	--	0.7608	0.9490	0.8356	0.7984	0.9669	0.6546	0.8580
64.2	--	0.6981	0.9412	0.8322	0.8041	0.9529	0.6920	0.8874
64.3	--	0.7868	0.9567	0.8168	0.7903	0.9579	0.7755	0.8720
64.4	--	0.7367	0.9536	0.8270	0.8054	0.9370	0.8402	0.8995
64.5	--	0.7089	0.9433	0.8162	0.7959	0.9283	0.8516	0.9092
64.6	--	0.7606	0.9410	0.7923	0.8277	0.9015	0.8350	0.8929
64.7	--	0.7608	0.9486	0.8025	0.8512	0.8870	0.8881	0.8905
64.8	--	0.7897	0.9579	0.8713	0.8884	0.8987	0.9034	0.9009
64.9	--	0.8004	0.9541	0.8483	0.9021	0.9014	0.9000	0.8896
65.0	--	0.8055	0.9565	0.8056	0.8997	0.9164	0.9190	0.9054
65.1	--	0.7376	0.9506	0.8080	0.8967	0.8969	0.9021	0.9145
65.2	--	0.7808	0.9477	0.8169	0.9117	0.9034	0.8832	0.9118
65.3	--	0.8279	0.9627	0.8563	0.9042	0.8508	0.9268	0.9221
65.4	--	0.8503	0.9539	0.8458	0.8985	0.8198	0.9364	0.9466
65.5	--	0.8508	0.9332	0.8136	0.8860	0.8260	0.9422	0.9479
65.6	--	0.8655	0.9376	0.8709	0.9121	0.7020	0.9619	0.9488
65.7	--	0.8934	0.9380	0.8666	0.9273	0.4094	0.9588	0.9477
65.8	--	0.9003	0.9448	0.8308	0.9027	0.1227	0.9606	0.9189
65.9	--	0.8809	0.9334	0.8238	0.8938	0.3590	0.9492	0.9079
66.0	--	0.8770	0.9321	0.8579	0.9022	0.5834	0.9469	0.9329
66.1	--	0.8591	0.9266	0.8458	0.8919	0.7157	0.9438	0.9158
66.2	--	0.8611	0.9246	0.8338	0.8535	0.8087	0.9413	0.8959
66.3	--	0.8769	0.9390	0.8535	0.8550	0.9019	0.9543	0.9324
66.4	--	0.8965	0.9416	0.8562	0.8972	0.9128	0.9550	0.9503
66.5	--	0.9102	0.9315	0.8702	0.9022	0.9245	0.9350	0.9408
66.6	--	0.9097	0.9272	0.8593	0.8926	0.9435	0.9315	0.9412
66.7	--	0.9007	0.9289	0.8713	0.8314	0.9548	0.9538	0.9412
66.8	--	0.9078	0.9528	0.9028	0.8734	0.9619	0.9520	0.9581
66.9	--	0.8993	0.9572	0.8896	0.8499	0.9576	0.9197	0.9551
67.0	--	0.8753	0.9397	0.8628	0.8240	0.9660	0.8952	0.9366
67.1	--	0.8935	0.9344	0.8451	0.8128	0.9727	0.8514	0.9077
67.2	--	0.9077	0.9315	0.8439	0.7846	0.9648	0.8240	0.9242
67.3	--	0.9143	0.9492	0.8865	0.8307	0.9712	0.8731	0.9461
67.4	--	0.9199	0.9629	0.8915	0.8584	0.9720	0.8838	0.9467
67.5	--	0.9154	0.9526	0.8587	0.8273	0.9581	0.8447	0.9227
67.6	--	0.8995	0.9489	0.8628	0.8313	0.9677	0.7835	0.9127
67.7	--	0.9152	0.9693	0.8928	0.9109	0.9836	0.8090	0.9486
67.8	--	0.9284	0.9714	0.8949	0.9269	0.9790	0.8317	0.9470
67.9	--	0.9237	0.9453	0.8579	0.8841	0.9708	0.8134	0.9244
68.0	--	0.9190	0.9523	0.8665	0.8995	0.9736	0.8153	0.9340
68.1	--	0.9054	0.9567	0.8350	0.9050	0.9736	0.7501	0.9356

68.2	--	0.8988	0.9579	0.8194	0.8814	0.9741	0.7601	0.9290
68.3	--	0.9106	0.9697	0.8314	0.8531	0.9751	0.7615	0.9362
68.4	--	0.9045	0.9646	0.8095	0.8906	0.9813	0.6606	0.9374
68.5	--	0.9191	0.9616	0.8143	0.8761	0.9823	0.3244	0.9139
68.6	--	0.9193	0.9678	0.8153	0.8840	0.9817	0.0937	0.9011
68.7	--	0.8958	0.9503	0.8036	0.8639	0.9771	0.0752	0.8551
68.8	--	0.9187	0.9594	0.7875	0.8655	0.9770	0.1509	0.9002
68.9	--	0.9389	0.9734	0.8235	0.9346	0.9838	0.3617	0.9190
69.0	--	0.9274	0.9721	0.7515	0.9265	0.9805	0.4855	0.8741
69.1	--	0.9104	0.9642	0.7102	0.9414	0.9773	0.5325	0.8065
69.2	--	0.9110	0.9677	0.7023	0.9515	0.9773	0.6013	0.7997
69.3	--	0.9436	0.9791	0.7367	0.9621	0.9835	0.7571	0.8443
69.4	--	0.9414	0.9762	0.6216	0.9661	0.9832	0.7871	0.8638
69.5	--	0.9254	0.9738	0.6804	0.9662	0.9820	0.8025	0.7836
69.6	--	0.9008	0.9670	0.7037	0.9637	0.9692	0.8498	0.7818
69.7	--	0.9279	0.9784	0.6891	0.9750	0.9782	0.8706	0.8469
69.8	--	0.9344	0.9654	0.6460	0.9630	0.9756	0.8764	0.7865
69.9	--	0.8757	0.9492	0.6780	0.9457	0.9760	0.8959	0.7097
70.0	--	0.8555	0.9647	0.7000	0.9635	0.9745	0.9417	0.7523
70.1	--	0.9027	0.9720	0.5897	0.9612	0.9674	0.9369	0.6870
70.2	--	0.9201	0.9767	0.6815	0.9691	0.9750	0.9372	0.6245
70.3	--	0.9333	0.9784	0.6908	0.9675	0.9737	0.9459	0.5971
70.4	--	0.9309	0.9780	0.6147	0.9676	0.9742	0.9484	0.4959
70.5	--	0.9277	0.9800	0.6953	0.9780	0.9813	0.9625	0.4302
70.6	--	0.9287	0.9699	0.6711	0.9661	0.9706	0.9558	0.4040
70.7	--	0.9209	0.9623	0.6077	0.9526	0.9648	0.9493	0.4008
70.8	--	0.9131	0.9630	0.6489	0.9529	0.9722	0.9515	0.2399
70.9	--	0.9286	0.9707	0.6638	0.9565	0.9776	0.9550	0.2998
71.0	--	0.9128	0.9758	0.5861	0.9654	0.9808	0.9541	0.3562
71.1	--	0.9026	0.9752	0.6403	0.9625	0.9787	0.9572	0.3228
71.2	--	0.9194	0.9729	0.5816	0.9666	0.9763	0.9587	0.4814
71.3	--	0.9064	0.9737	0.3768	0.9567	0.9685	0.9543	0.5441
71.4	--	0.9083	0.9722	0.4707	0.9579	0.9688	0.9446	0.3598
71.5	--	0.9116	0.9687	0.5007	0.9664	0.9664	0.9498	0.3780
71.6	--	0.9114	0.9674	0.4941	0.9691	0.9675	0.9461	0.3106
71.7	--	0.9158	0.9746	0.4474	0.9722	0.9718	0.9507	0.3168
71.8	--	0.9188	0.9730	0.4502	0.9667	0.9695	0.9516	0.4503
71.9	--	0.9069	0.9677	0.4228	0.9614	0.9636	0.9593	0.5111
72.0	--	0.8718	0.9633	0.3375	0.9481	0.9608	0.9434	0.5541
72.1	--	0.8894	0.9624	0.3192	0.9614	0.9638	0.9608	0.6104
72.2	--	0.8763	0.9602	0.2380	0.9632	0.9635	0.9582	0.6987
72.3	--	0.8666	0.9691	0.3824	0.9595	0.9666	0.9576	0.8058
72.4	--	0.8572	0.9649	0.3430	0.9624	0.9711	0.9621	0.8367
72.5	--	0.8628	0.9663	0.3331	0.9621	0.9712	0.9608	0.8592
72.6	--	0.8161	0.9723	0.4506	0.9535	0.9609	0.9477	0.8470
72.7	--	0.7877	0.9525	0.2722	0.9384	0.9611	0.9334	0.8375
72.8	--	0.8279	0.9548	0.3944	0.9508	0.9654	0.9513	0.8691
72.9	--	0.7594	0.9399	0.3867	0.9436	0.9544	0.9542	0.8877
73.0	--	0.7799	0.9292	0.4284	0.9327	0.9617	0.9567	0.8982
73.1	--	0.7887	0.9438	0.4262	0.9351	0.9679	0.9580	0.9083
73.2	--	0.7446	0.9550	0.4741	0.9359	0.9660	0.9543	0.9120
73.3	--	0.7826	0.9422	0.5400	0.9358	0.9701	0.9535	0.8861
73.4	--	0.7754	0.9518	0.5279	0.9347	0.9661	0.9541	0.8842
73.5	--	0.7823	0.9491	0.5307	0.9314	0.9646	0.9575	0.8955
73.6	--	0.7222	0.9259	0.5732	0.9042	0.9641	0.9531	0.8867
73.7	--	0.6664	0.9278	0.5569	0.8916	0.9656	0.9611	0.9077
73.8	--	0.5953	0.9388	0.4410	0.9038	0.9614	0.9489	0.9028
73.9	--	0.5927	0.9186	0.5061	0.8693	0.9453	0.9413	0.8815
74.0	--	0.7664	0.9188	0.6239	0.8921	0.9465	0.9486	0.9238
74.1	--	0.6457	0.9224	0.5160	0.8956	0.9444	0.9384	0.9036
74.2	--	0.6442	0.8843	0.4642	0.8499	0.9283	0.9360	0.8887
74.3	--	0.7173	0.8724	0.5069	0.8487	0.9284	0.9278	0.8826
74.4	--	0.6717	0.8753	0.5095	0.8350	0.9196	0.9198	0.8827
74.5	--	0.5172	0.8748	0.4817	0.8438	0.8988	0.9201	0.8659
74.6	--	0.4093	0.8787	0.5909	0.8297	0.9271	0.9333	0.8718
74.7	--	0.4370	0.8752	0.5396	0.7847	0.9326	0.9385	0.8856
74.8	--	0.5393	0.8665	0.5352	0.7654	0.9138	0.9436	0.9234
74.9	--	0.5752	0.8851	0.6231	0.7795	0.9279	0.9535	0.9259
75.0	--	0.5568	0.8524	0.6874	0.7384	0.8870	0.9404	0.9009
75.1	--	0.5000	0.8218	0.6436	0.7230	0.8853	0.9194	0.8816
75.2	--	0.2838	0.8030	0.5226	0.5973	0.8643	0.8971	0.8592
75.3	--	0.2114	0.8391	0.5708	0.6379	0.8656	0.9073	0.8529
75.4	--	0.3243	0.8132	0.5703	0.4666	0.8643	0.9201	0.8695
75.5	--	0.2177	0.8490	0.4191	0.5037	0.8710	0.9163	0.8559
75.6	--	0.3094	0.7443	0.5156	0.6418	0.8983	0.9147	0.8613
75.7	--	0.4094	0.7403	0.6020	0.6618	0.9076	0.8965	0.8683
75.8	--	0.2020	0.7319	0.4183	0.4764	0.8999	0.8909	0.8572
75.9	--	0.0479	0.7378	0.4987	0.4727	0.8765	0.8859	0.8224
76.0	--	0.0886	0.7226	0.5651	0.4998	0.8693	0.8455	0.7997
76.1	--	0.0327	0.6861	0.4464	0.5332	0.8412	0.8633	0.7937
76.2	--	0.0290	0.6707	0.5110	0.5577	0.8679	0.8280	0.7469
76.3	--	0.0329	0.6293	0.5208	0.6196	0.8449	0.7906	0.7094
76.4	--	0.0277	0.6176	0.5382	0.6990	0.8223	0.8458	0.7608
76.5	--	0.0013	0.5256	0.5664	0.6444	0.8551	0.8124	0.7306
76.6	--	0.0137	0.4860	0.5990	0.6941	0.8321	0.7959	0.7303
76.7	--	0.0004	0.5666	0.6019	0.6741	0.8124	0.8305	0.7590

76.8	--	0.0667	0.6366	0.4948	0.7319	0.7806	0.8764	0.8107
76.9	--	0.1716	0.6572	0.5555	0.7688	0.8411	0.8584	0.7894
77.0	--	0.1278	0.4715	0.4518	0.7163	0.8116	0.8205	0.7179
77.1	--	0.2472	0.5125	0.4176	0.7547	0.7548	0.8274	0.7064
77.2	--	0.2559	0.5544	0.4291	0.7566	0.7482	0.8385	0.7387
77.3	--	0.1957	0.4778	0.4588	0.7850	0.7704	0.7883	0.6804
77.4	--	0.0864	0.4059	0.4461	0.6070	0.7592	0.7364	0.6303
77.5	--	0.2509	0.4846	0.4124	0.6861	0.7631	0.8139	0.6877
77.6	--	0.3801	0.4666	0.3744	0.7168	0.7398	0.8044	0.6432
77.7	--	0.3716	0.4612	0.4680	0.6930	0.7616	0.7878	0.6111
77.8	--	0.4194	0.5938	0.4734	0.6765	0.7614	0.8344	0.6892
77.9	--	0.4125	0.5229	0.3492	0.6527	0.6473	0.8124	0.6960
78.0	--	0.2550	0.4331	0.3755	0.6359	0.5787	0.8132	0.7169
78.1	--	0.2973	0.6086	0.4810	0.6014	0.5821	0.8365	0.7138
78.2	--	0.4900	0.6945	0.3191	0.5506	0.5695	0.8164	0.6484
78.3	--	0.5404	0.5922	0.2494	0.6649	0.6119	0.8071	0.6742
78.4	--	0.6057	0.6198	0.3274	0.6946	0.7320	0.7933	0.6433
78.5	--	0.6216	0.6113	0.3763	0.7208	0.7296	0.7941	0.6536
78.6	--	0.6519	0.7093	0.3294	0.7137	0.6928	0.7938	0.6542
78.7	--	0.6001	0.6955	0.3823	0.7186	0.6207	0.8103	0.6790
78.8	--	0.6301	0.7184	0.4387	0.8027	0.5815	0.8126	0.7261
78.9	--	0.6857	0.7539	0.4911	0.6439	0.6353	0.6991	0.6231
79.0	--	0.7182	0.7997	0.6201	0.6219	0.6739	0.7349	0.6176
79.1	--	0.7021	0.7396	0.4405	0.7249	0.6889	0.6966	0.5456
79.2	--	0.6765	0.7755	0.3346	0.6276	0.7141	0.6799	0.4830
79.3	--	0.6778	0.8053	0.4062	0.4289	0.7530	0.5644	0.2766
79.4	--	0.6693	0.8150	0.4318	0.3934	0.8279	0.5694	0.2885
79.5	--	0.7224	0.7848	0.3921	0.3878	0.8393	0.5753	0.2995
79.6	--	0.7756	0.8033	0.4249	0.4325	0.8490	0.4533	0.1558
79.7	--	0.7282	0.7967	0.3500	0.4001	0.8095	0.3872	0.1361
79.8	--	0.6983	0.7703	0.2519	0.3877	0.7923	0.4172	0.1901
79.9	--	0.5408	0.7890	0.2770	0.3733	0.7755	0.3304	0.0751
80.0	--	0.6386	0.8245	0.3562	0.5139	0.7972	0.2735	0.0201

2.2.89 Run 8 – VT315 – Accels 33–40

Vertical shaking at 315°. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.0429	0.0087	0.2245	0.0659	0.3678	0.0367	0.2443	0.1190
0.1	0.0021	0.0263	0.0696	0.0400	0.0775	0.0293	0.0164	0.0275
0.2	0.0284	0.0120	0.0069	0.0625	0.0133	0.0431	0.0004	0.0303
0.3	0.0262	0.0539	0.0078	0.0042	0.0138	0.0193	0.0200	0.0291
0.4	0.0234	0.0375	0.0082	0.0002	0.0058	0.0330	0.0055	0.0415
0.5	0.0200	0.0287	0.0244	0.0027	0.0223	0.0044	0.0267	0.0290
0.6	0.0134	0.0370	0.0038	0.0201	0.0138	0.0681	0.0096	0.0110
0.7	0.0064	0.0077	0.0091	0.0059	0.0247	0.0781	0.0028	0.0056
0.8	0.0019	0.0011	0.0162	0.0074	0.0067	0.0222	0.0147	0.0088
0.9	0.0433	0.0013	0.0171	0.0177	0.0302	0.0259	0.0240	0.0161
1.0	0.0040	0.0120	0.0004	0.0152	0.0107	0.0839	0.0111	0.0076
1.1	0.0224	0.0084	0.0538	0.0030	0.0047	0.1321	0.0213	0.0157
1.2	0.0706	0.0440	0.0422	0.0200	0.0030	0.1162	0.0137	0.0146
1.3	0.0408	0.0486	0.0085	0.0019	0.0126	0.1842	0.0220	0.0206
1.4	0.0110	0.0671	0.0753	0.0073	0.0002	0.4185	0.0374	0.0191
1.5	0.0007	0.1369	0.1567	0.0443	0.0229	0.4164	0.0005	0.0349
1.6	0.1144	0.2354	0.2425	0.0970	0.0016	0.3537	0.1425	0.0310
1.7	0.1296	0.2453	0.3255	0.2913	0.0128	0.4764	0.2279	0.0252
1.8	0.0381	0.0201	0.4268	0.2135	0.0276	0.4354	0.1509	0.0135
1.9	0.0785	0.2371	0.4081	0.3488	0.0008	0.5401	0.1249	0.0333
2.0	0.1327	0.3326	0.4261	0.4222	0.0140	0.5009	0.1412	0.0982
2.1	0.4058	0.3493	0.5859	0.2940	0.0023	0.6812	0.2713	0.2237
2.2	0.3920	0.3173	0.6798	0.0484	0.0210	0.7966	0.3350	0.3057
2.3	0.3024	0.3204	0.7787	0.2231	0.0115	0.7689	0.1462	0.2701
2.4	0.1048	0.3608	0.7516	0.0964	0.0141	0.7663	0.2100	0.0714
2.5	0.0478	0.4684	0.8464	0.0344	0.0056	0.8661	0.0603	0.0453
2.6	0.3068	0.5640	0.9264	0.2537	0.0093	0.9167	0.0604	0.1063
2.7	0.6328	0.7550	0.9340	0.5363	0.0291	0.9217	0.1062	0.2332
2.8	0.5302	0.6098	0.9134	0.3581	0.0235	0.9112	0.1552	0.1467
2.9	0.3346	0.3884	0.9160	0.2555	0.0151	0.8963	0.0831	0.0938
3.0	0.1965	0.3332	0.9320	0.2897	0.0011	0.9103	0.1649	0.0430
3.1	0.1469	0.3305	0.9395	0.3193	0.0130	0.9378	0.2231	0.0477
3.2	0.0820	0.3101	0.9209	0.0591	0.0018	0.8925	0.1272	0.0330
3.3	0.0123	0.2218	0.9139	0.0078	0.0175	0.8871	0.2445	0.0667
3.4	0.0892	0.1961	0.9148	0.0383	0.0016	0.8617	0.1549	0.0494
3.5	0.0127	0.2161	0.8807	0.0929	0.0129	0.8434	0.0844	0.0502
3.6	0.0067	0.2762	0.8478	0.0783	0.0452	0.7745	0.1071	0.0144
3.7	0.0908	0.1922	0.9117	0.0397	0.0055	0.8674	0.3095	0.1198
3.8	0.2701	0.3941	0.9844	0.1178	0.0051	0.9750	0.7716	0.0984
3.9	0.4494	0.4181	0.9961	0.3736	0.0065	0.9932	0.9062	0.1847
4.0	0.2745	0.2454	0.9962	0.4392	0.0172	0.9915	0.9414	0.5083
4.1	0.0835	0.1369	0.9968	0.4661	0.0180	0.9934	0.9417	0.7522
4.2	0.1724	0.2139	0.9970	0.1497	0.0221	0.9938	0.9369	0.7378
4.3	0.1728	0.1441	0.9952	0.0173	0.0218	0.9912	0.9235	0.6753
4.4	0.0493	0.1777	0.9955	0.1024	0.0157	0.9883	0.8556	0.7562
4.5	0.0734	0.3454	0.9948	0.1178	0.0069	0.9890	0.7352	0.7615
4.6	0.0718	0.4874	0.9924	0.0851	0.0253	0.9876	0.3696	0.7373
4.7	0.1536	0.4816	0.9875	0.2074	0.0394	0.9792	0.1988	0.5813
4.8	0.1731	0.7687	0.9889	0.3250	0.0426	0.9812	0.6918	0.7637
4.9	0.1957	0.7092	0.9837	0.1949	0.0109	0.9694	0.7020	0.6848
5.0	0.1017	0.4247	0.9906	0.2566	0.0217	0.9827	0.4956	0.4880
5.1	0.3301	0.6292	0.9890	0.4383	0.0192	0.9821	0.6224	0.7657
5.2	0.5717	0.5483	0.9919	0.7053	0.0031	0.9869	0.8261	0.8409
5.3	0.5631	0.1751	0.9928	0.6216	0.0109	0.9830	0.7485	0.6446
5.4	0.3474	0.0579	0.9809	0.3940	0.0413	0.9455	0.3808	0.3417
5.5	0.4893	0.0788	0.9843	0.5368	0.0843	0.9618	0.5826	0.5700
5.6	0.5845	0.5154	0.9963	0.6436	0.0043	0.9881	0.7456	0.7335
5.7	0.6039	0.7590	0.9973	0.6832	0.0170	0.9933	0.8117	0.7472
5.8	0.7352	0.9056	0.9984	0.7083	0.0445	0.9969	0.8503	0.8483
5.9	0.8273	0.9229	0.9986	0.8609	0.0074	0.9973	0.8908	0.8229
6.0	0.8570	0.8989	0.9972	0.8895	0.0160	0.9975	0.9071	0.7250
6.1	0.8667	0.9508	0.9977	0.9339	0.0153	0.9982	0.9101	0.8247
6.2	0.9085	0.9513	0.9975	0.9444	0.0595	0.9980	0.9495	0.8624
6.3	0.9500	0.9367	0.9961	0.9659	0.0084	0.9973	0.9767	0.8001
6.4	0.9619	0.9499	0.9966	0.9690	0.0081	0.9978	0.9756	0.4993
6.5	0.9623	0.9470	0.9961	0.9733	0.0137	0.9978	0.9738	0.4655
6.6	0.9682	0.9538	0.9964	0.9758	0.0710	0.9986	0.9904	0.6505
6.7	0.9522	0.9434	0.9921	0.9594	0.0148	0.9975	0.9820	0.7348
6.8	0.9551	0.9411	0.9897	0.9556	0.0039	0.9973	0.9843	0.7936
6.9	0.9504	0.9431	0.9825	0.9504	0.0432	0.9975	0.9781	0.8552
7.0	0.9046	0.9448	0.9570	0.9048	0.0056	0.9952	0.9316	0.7865
7.1	0.9149	0.8800	0.9550	0.9157	0.0163	0.9954	0.9198	0.8949
7.2	0.9044	0.7832	0.9277	0.9072	0.0037	0.9926	0.8714	0.8125
7.3	0.9334	0.8347	0.9315	0.9361	0.0198	0.9767	0.8971	0.6856
7.4	0.9571	0.8966	0.9264	0.9552	0.0893	0.9873	0.9536	0.7812
7.5	0.9608	0.8875	0.8625	0.9585	0.1554	0.9958	0.9686	0.8125
7.6	0.9848	0.9318	0.9212	0.9875	0.0683	0.9989	0.9921	0.9209
7.7	0.9856	0.9330	0.9254	0.9903	0.0263	0.9973	0.9945	0.9149
7.8	0.9861	0.9300	0.9750	0.9919	0.0767	0.9957	0.9942	0.8965
7.9	0.9870	0.9014	0.9826	0.9910	0.0069	0.9913	0.9909	0.8830

8.0	0.9872	0.8470	0.9877	0.9904	0.0080	0.9939	0.9912	0.8762
8.1	0.9835	0.8392	0.9902	0.9903	0.0530	0.9953	0.9884	0.8855
8.2	0.9859	0.8538	0.9926	0.9920	0.0188	0.9954	0.9900	0.9171
8.3	0.9861	0.7838	0.9947	0.9917	0.0546	0.9967	0.9941	0.8814
8.4	0.9867	0.6937	0.9927	0.9911	0.0333	0.9951	0.9887	0.8278
8.5	0.9903	0.5330	0.9941	0.9940	0.0137	0.9957	0.9919	0.7971
8.6	0.9883	0.2753	0.9921	0.9930	0.0577	0.9939	0.9911	0.7217
8.7	0.9899	0.1141	0.9926	0.9925	0.0159	0.9936	0.9894	0.7702
8.8	0.9910	0.2368	0.9935	0.9926	0.0404	0.9941	0.9894	0.7667
8.9	0.9890	0.5568	0.9885	0.9913	0.0420	0.9893	0.9847	0.6434
9.0	0.9727	0.6978	0.9748	0.9762	0.0023	0.9742	0.9030	0.5972
9.1	0.9804	0.8122	0.9778	0.9823	0.0277	0.9781	0.8318	0.6627
9.2	0.9731	0.9005	0.9687	0.9742	0.0710	0.9689	0.9653	0.8618
9.3	0.9630	0.9261	0.9592	0.9636	0.0980	0.9590	0.9791	0.9103
9.4	0.9184	0.8872	0.9246	0.9195	0.1303	0.9236	0.9550	0.8334
9.5	0.9213	0.9071	0.9384	0.9240	0.0067	0.9374	0.9405	0.8538
9.6	0.9524	0.9434	0.9695	0.9556	0.0745	0.9692	0.9615	0.9329
9.7	0.9620	0.9454	0.9783	0.9641	0.1926	0.9783	0.9606	0.9343
9.8	0.9553	0.9352	0.9826	0.9625	0.0904	0.9829	0.9705	0.9090
9.9	0.9755	0.9355	0.9931	0.9818	0.2432	0.9934	0.9877	0.9484
10.0	0.9734	0.9026	0.9940	0.9821	0.0739	0.9945	0.9718	0.9149
10.1	0.9688	0.8988	0.9940	0.9790	0.0082	0.9948	0.9730	0.8800
10.2	0.9630	0.8831	0.9963	0.9788	0.0434	0.9969	0.9821	0.8621
10.3	0.9739	0.8995	0.9988	0.9862	0.0541	0.9990	0.9795	0.8723
10.4	0.9759	0.9078	0.9995	0.9879	0.0442	0.9996	0.9558	0.8630
10.5	0.9696	0.8824	0.9989	0.9865	0.0893	0.9992	0.9416	0.8641
10.6	0.9453	0.8784	0.9973	0.9733	0.1809	0.9979	0.9160	0.7883
10.7	0.9197	0.8977	0.9970	0.9666	0.0965	0.9977	0.8999	0.7506
10.8	0.8761	0.9224	0.9973	0.9571	0.0952	0.9983	0.8449	0.6787
10.9	0.8161	0.9441	0.9979	0.9270	0.0906	0.9987	0.7728	0.5493
11.0	0.7371	0.9338	0.9980	0.8925	0.0416	0.9988	0.6521	0.5271
11.1	0.8024	0.9408	0.9988	0.8762	0.0175	0.9993	0.6701	0.4884
11.2	0.8906	0.9685	0.9991	0.8650	0.0594	0.9995	0.7905	0.6457
11.3	0.9285	0.9637	0.9990	0.8326	0.0128	0.9994	0.7944	0.6610
11.4	0.9444	0.9724	0.9989	0.7899	0.0863	0.9995	0.8388	0.6863
11.5	0.9606	0.9797	0.9993	0.8642	0.0540	0.9998	0.8516	0.7676
11.6	0.9635	0.9792	0.9984	0.8875	0.0588	0.9995	0.8140	0.7543
11.7	0.9833	0.9812	0.9991	0.9537	0.0597	0.9997	0.8370	0.7750
11.8	0.9844	0.9855	0.9985	0.9492	0.1223	0.9996	0.8117	0.8290
11.9	0.9866	0.9860	0.9982	0.9733	0.0965	0.9996	0.8503	0.8831
12.0	0.9857	0.9825	0.9984	0.9817	0.0509	0.9997	0.8838	0.9346
12.1	0.9872	0.9802	0.9983	0.9837	0.0891	0.9997	0.8916	0.9557
12.2	0.9908	0.9766	0.9981	0.9871	0.0401	0.9997	0.9066	0.9475
12.3	0.9904	0.9697	0.9982	0.9897	0.1005	0.9996	0.9152	0.9215
12.4	0.9905	0.9641	0.9986	0.9878	0.0806	0.9995	0.9241	0.8639
12.5	0.9904	0.9644	0.9990	0.9891	0.0683	0.9995	0.9440	0.8285
12.6	0.9959	0.9812	0.9994	0.9925	0.1780	0.9996	0.9654	0.8380
12.7	0.9964	0.9784	0.9992	0.9909	0.3593	0.9995	0.9716	0.7901
12.8	0.9947	0.9795	0.9992	0.9925	0.4436	0.9994	0.9681	0.6398
12.9	0.9943	0.9813	0.9988	0.9924	0.5804	0.9994	0.9745	0.5141
13.0	0.9950	0.9858	0.9983	0.9949	0.5471	0.9994	0.9652	0.5180
13.1	0.9945	0.9899	0.9979	0.9953	0.6486	0.9996	0.9702	0.4551
13.2	0.9931	0.9936	0.9979	0.9957	0.7424	0.9996	0.9809	0.5180
13.3	0.9915	0.9918	0.9966	0.9956	0.6821	0.9996	0.9731	0.4138
13.4	0.9920	0.9957	0.9972	0.9957	0.7340	0.9997	0.9808	0.6493
13.5	0.9932	0.9959	0.9960	0.9941	0.7069	0.9996	0.9847	0.6904
13.6	0.9959	0.9972	0.9961	0.9958	0.6485	0.9994	0.9848	0.7035
13.7	0.9955	0.9974	0.9968	0.9957	0.6106	0.9995	0.9866	0.7076
13.8	0.9943	0.9978	0.9976	0.9947	0.5397	0.9993	0.9857	0.7944
13.9	0.9954	0.9979	0.9964	0.9956	0.4619	0.9993	0.9828	0.7929
14.0	0.9946	0.9976	0.9940	0.9963	0.3550	0.9991	0.9828	0.8178
14.1	0.9951	0.9969	0.9954	0.9957	0.4486	0.9990	0.9806	0.8426
14.2	0.9943	0.9961	0.9929	0.9954	0.5552	0.9986	0.9806	0.8783
14.3	0.9948	0.9970	0.9908	0.9952	0.6420	0.9983	0.9717	0.8784
14.4	0.9970	0.9976	0.9910	0.9966	0.7299	0.9985	0.9756	0.9118
14.5	0.9955	0.9967	0.9842	0.9955	0.7077	0.9977	0.9628	0.9033
14.6	0.9964	0.9970	0.9826	0.9966	0.7256	0.9981	0.9656	0.8662
14.7	0.9961	0.9982	0.9859	0.9964	0.7269	0.9984	0.9610	0.8638
14.8	0.9935	0.9978	0.9875	0.9948	0.7308	0.9965	0.9228	0.8122
14.9	0.9951	0.9970	0.9897	0.9958	0.8475	0.9973	0.9260	0.7901
15.0	0.9934	0.9880	0.9852	0.9948	0.8022	0.9964	0.9244	0.8070
15.1	0.9935	0.9862	0.9909	0.9963	0.7706	0.9964	0.9119	0.8785
15.2	0.9921	0.9844	0.9907	0.9959	0.8439	0.9947	0.9204	0.9260
15.3	0.9867	0.9817	0.9817	0.9932	0.8133	0.9937	0.9177	0.9230
15.4	0.9840	0.9845	0.9763	0.9909	0.8571	0.9925	0.9625	0.9573
15.5	0.9895	0.9870	0.9825	0.9956	0.9264	0.9936	0.9801	0.9721
15.6	0.9753	0.9708	0.9699	0.9937	0.9251	0.9881	0.9591	0.9383
15.7	0.9805	0.9778	0.9785	0.9937	0.9451	0.9927	0.9740	0.9467
15.8	0.9796	0.9712	0.9738	0.9923	0.9412	0.9895	0.9740	0.9365
15.9	0.9827	0.9710	0.9781	0.9923	0.9377	0.9917	0.9765	0.9440
16.0	0.9907	0.9758	0.9826	0.9950	0.9552	0.9947	0.9776	0.9571
16.1	0.9941	0.9847	0.9886	0.9969	0.9637	0.9977	0.9827	0.9765
16.2	0.9918	0.9812	0.9875	0.9951	0.9292	0.9969	0.9806	0.9764
16.3	0.9937	0.9874	0.9941	0.9948	0.9345	0.9965	0.9832	0.9793
16.4	0.9907	0.9881	0.9930	0.9916	0.9161	0.9911	0.9820	0.9539
16.5	0.9877	0.9858	0.9912	0.9879	0.8822	0.9857	0.9862	0.9252

16.6	0.9912	0.9835	0.9912	0.9912	0.8939	0.9850	0.9622	0.8854
16.7	0.9922	0.9820	0.9889	0.9932	0.9082	0.9855	0.9437	0.8453
16.8	0.9840	0.9726	0.9897	0.9860	0.9040	0.9831	0.9018	0.6717
16.9	0.9809	0.9771	0.9896	0.9827	0.9069	0.9774	0.9343	0.7905
17.0	0.9872	0.9866	0.9900	0.9881	0.9188	0.9826	0.8835	0.8230
17.1	0.9892	0.9885	0.9733	0.9907	0.9056	0.9849	0.8061	0.4311
17.2	0.9845	0.9842	0.9848	0.9875	0.9269	0.9853	0.8539	0.5656
17.3	0.9817	0.9867	0.9957	0.9835	0.9324	0.9832	0.8088	0.7541
17.4	0.9898	0.9930	0.9939	0.9903	0.9422	0.9881	0.9299	0.7016
17.5	0.9918	0.9967	0.9919	0.9930	0.9388	0.9910	0.9421	0.6138
17.6	0.9911	0.9954	0.9917	0.9930	0.9264	0.9904	0.9496	0.6944
17.7	0.9896	0.9956	0.9956	0.9922	0.9124	0.9890	0.9646	0.8668
17.8	0.9927	0.9969	0.9956	0.9946	0.9364	0.9903	0.9660	0.8714
17.9	0.9928	0.9978	0.9957	0.9949	0.9166	0.9913	0.9566	0.8658
18.0	0.9935	0.9979	0.9963	0.9956	0.8838	0.9924	0.9406	0.8020
18.1	0.9923	0.9972	0.9964	0.9949	0.9122	0.9940	0.9313	0.7546
18.2	0.9946	0.9976	0.9962	0.9963	0.9358	0.9965	0.9562	0.7826
18.3	0.9961	0.9976	0.9972	0.9976	0.9454	0.9976	0.9428	0.7302
18.4	0.9953	0.9968	0.9962	0.9969	0.9510	0.9974	0.9215	0.7082
18.5	0.9946	0.9958	0.9877	0.9961	0.9564	0.9896	0.9138	0.7371
18.6	0.9921	0.9944	0.9574	0.9943	0.9223	0.9697	0.7682	0.6126
18.7	0.9953	0.9963	0.9818	0.9971	0.9062	0.9736	0.4078	0.5591
18.8	0.9955	0.9957	0.9907	0.9973	0.9105	0.9898	0.8049	0.6809
18.9	0.9963	0.9946	0.9929	0.9981	0.9386	0.9908	0.8012	0.6569
19.0	0.9964	0.9953	0.9956	0.9983	0.9322	0.9930	0.8747	0.6600
19.1	0.9963	0.9936	0.9947	0.9976	0.9314	0.9947	0.8973	0.5810
19.2	0.9951	0.9940	0.9950	0.9973	0.9536	0.9939	0.8966	0.3622
19.3	0.9934	0.9919	0.9949	0.9965	0.9458	0.9941	0.9219	0.2139
19.4	0.9956	0.9912	0.9968	0.9967	0.9500	0.9949	0.9424	0.4451
19.5	0.9944	0.9830	0.9972	0.9959	0.9484	0.9947	0.9351	0.4741
19.6	0.9922	0.9622	0.9965	0.9934	0.9359	0.9913	0.9279	0.4065
19.7	0.9919	0.9701	0.9977	0.9919	0.9223	0.9890	0.9357	0.5130
19.8	0.9941	0.9677	0.9971	0.9939	0.9326	0.9928	0.9517	0.6583
19.9	0.9910	0.9233	0.9956	0.9902	0.9232	0.9928	0.9335	0.5844
20.0	0.9928	0.9110	0.9953	0.9921	0.8945	0.9925	0.9448	0.7561
20.1	0.9944	0.8636	0.9926	0.9926	0.8942	0.9933	0.9586	0.7641
20.2	0.9928	0.8823	0.9939	0.9918	0.8957	0.9948	0.9647	0.7878
20.3	0.9943	0.9014	0.9967	0.9930	0.9268	0.9960	0.9718	0.8236
20.4	0.9940	0.9135	0.9974	0.9937	0.9342	0.9969	0.9779	0.8813
20.5	0.9949	0.9257	0.9973	0.9951	0.9292	0.9970	0.9742	0.8927
20.6	0.9930	0.9329	0.9943	0.9911	0.9158	0.9945	0.9570	0.8412
20.7	0.9911	0.9305	0.9930	0.9903	0.9180	0.9922	0.9558	0.8445
20.8	0.9952	0.9489	0.9940	0.9944	0.9375	0.9931	0.9545	0.8496
20.9	0.9944	0.9407	0.9916	0.9923	0.9039	0.9945	0.9569	0.8113
21.0	0.9949	0.9645	0.9917	0.9925	0.9152	0.9950	0.9601	0.8715
21.1	0.9958	0.9687	0.9919	0.9941	0.9368	0.9955	0.9657	0.9264
21.2	0.9966	0.9644	0.9918	0.9938	0.9299	0.9938	0.9692	0.9339
21.3	0.9973	0.9682	0.9922	0.9938	0.9295	0.9944	0.9715	0.9298
21.4	0.9972	0.9766	0.9920	0.9939	0.9441	0.9943	0.9691	0.9359
21.5	0.9965	0.9723	0.9941	0.9940	0.9491	0.9919	0.9558	0.9284
21.6	0.9967	0.9750	0.9918	0.9910	0.9031	0.9846	0.9429	0.8969
21.7	0.9969	0.9784	0.9927	0.9914	0.9090	0.9814	0.9190	0.8769
21.8	0.9968	0.9771	0.9931	0.9922	0.9149	0.9821	0.8981	0.8933
21.9	0.9970	0.9811	0.9941	0.9923	0.9237	0.9830	0.8930	0.9366
22.0	0.9962	0.9781	0.9952	0.9915	0.9354	0.9809	0.8786	0.9296
22.1	0.9965	0.9799	0.9963	0.9904	0.9364	0.9793	0.8296	0.9144
22.2	0.9969	0.9826	0.9975	0.9916	0.9499	0.9813	0.9059	0.9337
22.3	0.9951	0.9746	0.9961	0.9891	0.9394	0.9803	0.8899	0.9449
22.4	0.9954	0.9758	0.9963	0.9915	0.9500	0.9838	0.8867	0.9523
22.5	0.9960	0.9768	0.9976	0.9898	0.9515	0.9789	0.8841	0.9544
22.6	0.9953	0.9667	0.9971	0.9854	0.9459	0.9735	0.9034	0.9525
22.7	0.9954	0.9663	0.9974	0.9857	0.9572	0.9742	0.9121	0.9561
22.8	0.9958	0.9446	0.9965	0.9838	0.9553	0.9761	0.8467	0.9591
22.9	0.9953	0.9418	0.9963	0.9831	0.9545	0.9704	0.6909	0.9483
23.0	0.9968	0.9358	0.9966	0.9847	0.9650	0.9698	0.6286	0.9547
23.1	0.9970	0.9119	0.9980	0.9830	0.9605	0.9698	0.6282	0.9574
23.2	0.9977	0.9017	0.9983	0.9870	0.9564	0.9766	0.6054	0.9631
23.3	0.9974	0.8579	0.9981	0.9865	0.9456	0.9720	0.4863	0.9504
23.4	0.9976	0.8116	0.9984	0.9899	0.9407	0.9754	0.5146	0.9606
23.5	0.9983	0.8133	0.9985	0.9915	0.9508	0.9847	0.5758	0.9631
23.6	0.9989	0.6851	0.9987	0.9927	0.9446	0.9835	0.5374	0.9606
23.7	0.9988	0.6165	0.9984	0.9938	0.9406	0.9862	0.5576	0.9535
23.8	0.9988	0.4920	0.9987	0.9954	0.9306	0.9879	0.5994	0.9380
23.9	0.9990	0.2611	0.9987	0.9961	0.9225	0.9890	0.7853	0.9390
24.0	0.9989	0.0896	0.9986	0.9964	0.9165	0.9875	0.7974	0.9148
24.1	0.9988	0.0583	0.9981	0.9955	0.8947	0.9837	0.7767	0.9118
24.2	0.9989	0.0486	0.9985	0.9965	0.8743	0.9772	0.6975	0.8698
24.3	0.9986	0.3762	0.9976	0.9966	0.8677	0.9637	0.6698	0.8245
24.4	0.9991	0.6199	0.9981	0.9973	0.9081	0.9785	0.7978	0.8848
24.5	0.9992	0.6211	0.9982	0.9973	0.8471	0.9864	0.7959	0.8816
24.6	0.9992	0.5129	0.9981	0.9978	0.7812	0.9881	0.8505	0.8705
24.7	0.9991	0.6724	0.9981	0.9980	0.7950	0.9896	0.8753	0.8828
24.8	0.9988	0.6906	0.9981	0.9974	0.7760	0.9866	0.8865	0.8227
24.9	0.9986	0.7261	0.9982	0.9974	0.7933	0.9866	0.9214	0.8525
25.0	0.9990	0.7748	0.9984	0.9981	0.8066	0.9895	0.9593	0.9043
25.1	0.9989	0.7750	0.9985	0.9976	0.8295	0.9879	0.9645	0.8915

25.2	0.9992	0.8503	0.9986	0.9980	0.7971	0.9863	0.9619	0.9073
25.3	0.9994	0.8832	0.9984	0.9988	0.6550	0.9851	0.9631	0.9127
25.4	0.9991	0.8265	0.9976	0.9986	0.5668	0.9771	0.9372	0.8904
25.5	0.9990	0.8540	0.9971	0.9980	0.6144	0.9653	0.9250	0.8633
25.6	0.9988	0.8938	0.9963	0.9980	0.5914	0.9005	0.9109	0.8328
25.7	0.9987	0.9156	0.9968	0.9971	0.5976	0.8680	0.9011	0.8274
25.8	0.9990	0.9372	0.9980	0.9971	0.5837	0.9419	0.8835	0.8118
25.9	0.9992	0.9478	0.9977	0.9986	0.5232	0.9686	0.8796	0.7824
26.0	0.9994	0.9606	0.9980	0.9986	0.6593	0.9627	0.8684	0.7792
26.1	0.9990	0.9610	0.9985	0.9983	0.5224	0.9554	0.8390	0.7618
26.2	0.9990	0.9600	0.9971	0.9972	0.5123	0.9651	0.7508	0.6462
26.3	0.9994	0.9823	0.9983	0.9984	0.5637	0.9788	0.7076	0.6128
26.4	0.9993	0.9842	0.9986	0.9985	0.3941	0.9761	0.5587	0.5217
26.5	0.9991	0.9850	0.9984	0.9982	0.4842	0.9854	0.3886	0.3067
26.6	0.9990	0.9858	0.9981	0.9984	0.4549	0.9867	0.5261	0.1760
26.7	0.9992	0.9888	0.9981	0.9986	0.4764	0.9834	0.5442	0.1303
26.8	0.9991	0.9908	0.9980	0.9987	0.4361	0.9914	0.6498	0.0613
26.9	0.9989	0.9881	0.9975	0.9985	0.2655	0.9928	0.7388	0.0301
27.0	0.9992	0.9877	0.9980	0.9980	0.1198	0.9943	0.7951	0.2035
27.1	0.9990	0.9891	0.9969	0.9981	0.2075	0.9920	0.8249	0.4860
27.2	0.9989	0.9897	0.9953	0.9978	0.1231	0.9900	0.7655	0.5736
27.3	0.9990	0.9898	0.9959	0.9979	0.0572	0.9914	0.6862	0.6498
27.4	0.9990	0.9867	0.9952	0.9969	0.0117	0.9905	0.6657	0.7865
27.5	0.9991	0.9911	0.9963	0.9974	0.0720	0.9948	0.6444	0.8363
27.6	0.9992	0.9922	0.9945	0.9979	0.1681	0.9940	0.5786	0.8392
27.7	0.9991	0.9931	0.9936	0.9968	0.2855	0.9934	0.6194	0.8442
27.8	0.9991	0.9949	0.9945	0.9975	0.4240	0.9949	0.6845	0.8824
27.9	0.9993	0.9948	0.9930	0.9975	0.4142	0.9952	0.6016	0.9006
28.0	0.9991	0.9929	0.9905	0.9973	0.4414	0.9949	0.3385	0.8957
28.1	0.9993	0.9942	0.9870	0.9961	0.5151	0.9958	0.2153	0.8516
28.2	0.9990	0.9957	0.9825	0.9956	0.5283	0.9964	0.2465	0.8631
28.3	0.9994	0.9965	0.9916	0.9980	0.6166	0.9972	0.0634	0.8982
28.4	0.9995	0.9953	0.9925	0.9988	0.6413	0.9975	0.1055	0.8732
28.5	0.9993	0.9950	0.9824	0.9985	0.4489	0.9961	0.0931	0.8193
28.6	0.9994	0.9956	0.9844	0.9980	0.4865	0.9957	0.3165	0.8018
28.7	0.9995	0.9948	0.9862	0.9979	0.4683	0.9958	0.5521	0.8354
28.8	0.9995	0.9958	0.9872	0.9982	0.4201	0.9969	0.6508	0.8835
28.9	0.9994	0.9963	0.9909	0.9982	0.4427	0.9960	0.7242	0.8848
29.0	0.9995	0.9955	0.9879	0.9984	0.4193	0.9955	0.7698	0.8697
29.1	0.9994	0.9951	0.9892	0.9983	0.2860	0.9948	0.7887	0.8985
29.2	0.9993	0.9949	0.9890	0.9978	0.3910	0.9945	0.8044	0.8611
29.3	0.9994	0.9965	0.9910	0.9983	0.5787	0.9960	0.8721	0.8379
29.4	0.9995	0.9960	0.9925	0.9987	0.5079	0.9951	0.8832	0.8378
29.5	0.9995	0.9943	0.9946	0.9981	0.4056	0.9939	0.8954	0.8403
29.6	0.9996	0.9964	0.9949	0.9983	0.3503	0.9951	0.9036	0.8297
29.7	0.9994	0.9952	0.9945	0.9981	0.4090	0.9944	0.9105	0.7841
29.8	0.9993	0.9963	0.9950	0.9979	0.4457	0.9947	0.9318	0.8202
29.9	0.9992	0.9947	0.9899	0.9930	0.2682	0.9774	0.8554	0.7690
30.0	0.9993	0.9949	0.9930	0.9950	0.2963	0.9819	0.8879	0.7565
30.1	0.9995	0.9949	0.9969	0.9973	0.2695	0.9936	0.9546	0.8167
30.2	0.9994	0.9938	0.9961	0.9964	0.1572	0.9912	0.9248	0.7401
30.3	0.9992	0.9927	0.9941	0.9966	0.2717	0.9911	0.9463	0.7068
30.4	0.9992	0.9930	0.9961	0.9956	0.3924	0.9878	0.9419	0.6623
30.5	0.9991	0.9923	0.9980	0.9943	0.3860	0.9829	0.9239	0.5881
30.6	0.9985	0.9890	0.9977	0.9932	0.4259	0.9834	0.9238	0.5629
30.7	0.9985	0.9869	0.9976	0.9919	0.4649	0.9829	0.9302	0.4599
30.8	0.9987	0.9895	0.9979	0.9926	0.4364	0.9837	0.9256	0.3975
30.9	0.9984	0.9872	0.9969	0.9906	0.3681	0.9880	0.9373	0.2726
31.0	0.9974	0.9789	0.9954	0.9815	0.4299	0.9824	0.9262	0.2941
31.1	0.9975	0.9785	0.9968	0.9791	0.2578	0.9798	0.9305	0.1361
31.2	0.9975	0.9789	0.9965	0.9790	0.1628	0.9773	0.9210	0.0920
31.3	0.9977	0.9811	0.9976	0.9805	0.5148	0.9821	0.9151	0.2146
31.4	0.9974	0.9768	0.9981	0.9760	0.6450	0.9798	0.9290	0.3446
31.5	0.9962	0.9728	0.9975	0.9764	0.4937	0.9827	0.9118	0.3092
31.6	0.9953	0.9658	0.9973	0.9744	0.3965	0.9776	0.9014	0.1308
31.7	0.9945	0.9624	0.9979	0.9745	0.5408	0.9828	0.9212	0.4575
31.8	0.9941	0.9622	0.9971	0.9791	0.6771	0.9848	0.9107	0.4787
31.9	0.9912	0.9476	0.9968	0.9740	0.6132	0.9847	0.8509	0.3464
32.0	0.9868	0.9316	0.9952	0.9655	0.5708	0.9778	0.7717	0.2302
32.1	0.9830	0.9250	0.9948	0.9732	0.5981	0.9777	0.7930	0.2795
32.2	0.9814	0.9267	0.9942	0.9774	0.6948	0.9789	0.7936	0.3987
32.3	0.9732	0.9104	0.9912	0.9730	0.6441	0.9788	0.8279	0.5269
32.4	0.9763	0.9257	0.9945	0.9809	0.6816	0.9876	0.8878	0.5953
32.5	0.9719	0.8970	0.9937	0.9804	0.6275	0.9815	0.8868	0.5397
32.6	0.9781	0.9056	0.9938	0.9850	0.6291	0.9869	0.8828	0.4884
32.7	0.9803	0.9043	0.9939	0.9870	0.7122	0.9892	0.9079	0.5964
32.8	0.9810	0.9029	0.9926	0.9889	0.7173	0.9899	0.9097	0.6389
32.9	0.9827	0.8726	0.9871	0.9868	0.6860	0.9847	0.8731	0.5861
33.0	0.9882	0.8564	0.9851	0.9846	0.6830	0.9859	0.8307	0.5179
33.1	0.9916	0.8613	0.9836	0.9863	0.6492	0.9861	0.7705	0.6059
33.2	0.9949	0.9212	0.9892	0.9928	0.7279	0.9930	0.8410	0.7233
33.3	0.9938	0.9128	0.9891	0.9933	0.5788	0.9917	0.8681	0.7739
33.4	0.9928	0.8784	0.9886	0.9929	0.5369	0.9916	0.8657	0.7912
33.5	0.9932	0.8403	0.9886	0.9908	0.5614	0.9867	0.8521	0.7030
33.6	0.9951	0.8213	0.9876	0.9907	0.5785	0.9876	0.8490	0.7489
33.7	0.9944	0.7786	0.9759	0.9869	0.4350	0.9837	0.8252	0.7076

33.8	0.9919	0.6576	0.9686	0.9841	0.4141	0.9757	0.8584	0.7079
33.9	0.9942	0.5520	0.9794	0.9884	0.4794	0.9792	0.8736	0.6869
34.0	0.9937	0.3821	0.9804	0.9872	0.4676	0.9763	0.8818	0.6647
34.1	0.9918	0.2485	0.9709	0.9863	0.3985	0.9596	0.8299	0.5102
34.2	0.9916	0.1894	0.9734	0.9864	0.3438	0.9585	0.8361	0.5335
34.3	0.9941	0.1152	0.9815	0.9913	0.5407	0.9733	0.8993	0.6355
34.4	0.9964	0.0554	0.9873	0.9947	0.5646	0.9788	0.8881	0.6517
34.5	0.9961	0.1318	0.9887	0.9954	0.5166	0.9809	0.8874	0.6826
34.6	0.9963	0.3863	0.9897	0.9960	0.4689	0.9860	0.9088	0.8012
34.7	0.9968	0.4294	0.9888	0.9963	0.4804	0.9881	0.8859	0.7729
34.8	0.9969	0.6048	0.9879	0.9954	0.3925	0.9869	0.8750	0.7850
34.9	0.9974	0.7656	0.9920	0.9964	0.3992	0.9904	0.8886	0.8692
35.0	0.9982	0.8850	0.9917	0.9968	0.3344	0.9926	0.9153	0.8686
35.1	0.9972	0.8410	0.9889	0.9938	0.1988	0.9898	0.8979	0.8288
35.2	0.9976	0.9166	0.9930	0.9959	0.3006	0.9894	0.9364	0.8839
35.3	0.9972	0.9381	0.9926	0.9963	0.3445	0.9887	0.9409	0.8975
35.4	0.9979	0.9510	0.9936	0.9946	0.3236	0.9925	0.9556	0.9072
35.5	0.9977	0.9635	0.9929	0.9947	0.2944	0.9921	0.9618	0.9099
35.6	0.9983	0.9753	0.9916	0.9964	0.3198	0.9918	0.9743	0.9108
35.7	0.9971	0.9653	0.9826	0.9943	0.2392	0.9843	0.9638	0.9014
35.8	0.9974	0.9608	0.9852	0.9943	0.2918	0.9855	0.9637	0.9038
35.9	0.9968	0.9609	0.9859	0.9956	0.3149	0.9822	0.9634	0.9032
36.0	0.9977	0.9634	0.9845	0.9951	0.4893	0.9793	0.9655	0.8709
36.1	0.9973	0.9677	0.9847	0.9964	0.5372	0.9797	0.9681	0.8617
36.2	0.9971	0.9594	0.9898	0.9969	0.4686	0.9754	0.9728	0.8453
36.3	0.9979	0.9688	0.9897	0.9975	0.3634	0.9787	0.9745	0.8679
36.4	0.9985	0.9716	0.9851	0.9979	0.3112	0.9804	0.9675	0.8123
36.5	0.9984	0.9598	0.9833	0.9969	0.2841	0.9757	0.9700	0.6937
36.6	0.9982	0.9614	0.9876	0.9973	0.4397	0.9778	0.9765	0.7548
36.7	0.9986	0.9544	0.9854	0.9978	0.3339	0.9700	0.9786	0.7857
36.8	0.9986	0.9624	0.9875	0.9980	0.3795	0.9695	0.9842	0.7735
36.9	0.9979	0.9396	0.9849	0.9970	0.3243	0.9544	0.9818	0.7062
37.0	0.9980	0.9493	0.9843	0.9975	0.2948	0.9282	0.9762	0.7144
37.1	0.9975	0.9530	0.9827	0.9970	0.1827	0.9345	0.9759	0.7472
37.2	0.9967	0.9496	0.9760	0.9962	0.1746	0.9075	0.9712	0.7471
37.3	0.9969	0.9479	0.9760	0.9962	0.2646	0.8955	0.9782	0.7973
37.4	0.9977	0.9607	0.9785	0.9976	0.3532	0.9004	0.9810	0.7912
37.5	0.9981	0.9579	0.9816	0.9983	0.2340	0.8978	0.9823	0.7643
37.6	0.9974	0.9632	0.9783	0.9979	0.2106	0.9164	0.9831	0.7704
37.7	0.9953	0.9668	0.9769	0.9963	0.2720	0.9380	0.9801	0.7165
37.8	0.9967	0.9737	0.9792	0.9971	0.2902	0.9635	0.9809	0.7386
37.9	0.9959	0.9750	0.9688	0.9964	0.1943	0.9598	0.9647	0.6146
38.0	0.9968	0.9786	0.9754	0.9969	0.0944	0.9784	0.9712	0.6915
38.1	0.9962	0.9761	0.9786	0.9966	0.0492	0.9862	0.9726	0.7613
38.2	0.9968	0.9775	0.9764	0.9973	0.0350	0.9821	0.9683	0.7800
38.3	0.9978	0.9819	0.9770	0.9978	0.0134	0.9809	0.9690	0.7226
38.4	0.9968	0.9697	0.9763	0.9971	0.0709	0.9816	0.9663	0.7608
38.5	0.9975	0.9763	0.9851	0.9977	0.1227	0.9866	0.9774	0.8339
38.6	0.9969	0.9746	0.9864	0.9974	0.1102	0.9903	0.9717	0.8287
38.7	0.9973	0.9793	0.9840	0.9977	0.1221	0.9892	0.9759	0.8918
38.8	0.9968	0.9734	0.9861	0.9971	0.1124	0.9913	0.9712	0.9045
38.9	0.9962	0.9688	0.9823	0.9962	0.0857	0.9888	0.9683	0.8860
39.0	0.9965	0.9716	0.9808	0.9963	0.2132	0.9907	0.9765	0.9230
39.1	0.9980	0.9820	0.9862	0.9974	0.1982	0.9935	0.9831	0.9411
39.2	0.9969	0.9649	0.9769	0.9962	0.1111	0.9896	0.9734	0.9221
39.3	0.9972	0.9674	0.9821	0.9966	0.1195	0.9922	0.9780	0.9337
39.4	0.9962	0.9466	0.9684	0.9945	0.2928	0.9897	0.9688	0.9239
39.5	0.9963	0.9511	0.9723	0.9949	0.2167	0.9926	0.9666	0.9334
39.6	0.9960	0.9400	0.9643	0.9938	0.2096	0.9911	0.9558	0.8789
39.7	0.9953	0.9503	0.9548	0.9932	0.2484	0.9859	0.9454	0.8310
39.8	0.9966	0.9474	0.9627	0.9943	0.1958	0.9912	0.9572	0.8711
39.9	0.9963	0.9112	0.9545	0.9940	0.1649	0.9918	0.9551	0.8788
40.0	0.9955	0.9370	0.9730	0.9936	0.2152	0.9948	0.9594	0.9024
40.1	0.9959	0.9422	0.9622	0.9935	0.3467	0.9955	0.9507	0.8717
40.2	0.9951	0.9174	0.9407	0.9906	0.4084	0.9946	0.9272	0.8206
40.3	0.9943	0.8842	0.9304	0.9895	0.4496	0.9937	0.9122	0.7992
40.4	0.9939	0.9054	0.9166	0.9882	0.4551	0.9917	0.8953	0.7466
40.5	0.9940	0.8865	0.8959	0.9879	0.3515	0.9880	0.8761	0.7267
40.6	0.9951	0.9164	0.9054	0.9907	0.3669	0.9898	0.9055	0.8223
40.7	0.9934	0.9109	0.8452	0.9860	0.2570	0.9856	0.8838	0.8160
40.8	0.9904	0.9059	0.7893	0.9812	0.2810	0.9844	0.8738	0.8243
40.9	0.9909	0.9286	0.8054	0.9806	0.3284	0.9912	0.8710	0.8044
41.0	0.9889	0.8655	0.7928	0.9735	0.2719	0.9856	0.8220	0.6962
41.1	0.9936	0.8922	0.8512	0.9829	0.3863	0.9866	0.8946	0.8318
41.2	0.9918	0.8902	0.8592	0.9802	0.3934	0.9793	0.9149	0.8516
41.3	0.9896	0.8308	0.8238	0.9747	0.2453	0.9706	0.8809	0.7937
41.4	0.9888	0.7930	0.7978	0.9705	0.3908	0.9663	0.8691	0.7958
41.5	0.9878	0.6948	0.8170	0.9696	0.4692	0.9630	0.9196	0.8642
41.6	0.9886	0.7172	0.8351	0.9741	0.3426	0.9703	0.9076	0.8738
41.7	0.9887	0.8328	0.8147	0.9701	0.3012	0.9804	0.8739	0.8447
41.8	0.9782	0.7984	0.6248	0.9400	0.4018	0.9801	0.7704	0.7265
41.9	0.9841	0.7979	0.6674	0.9519	0.3877	0.9761	0.8121	0.7534
42.0	0.9851	0.8020	0.6988	0.9609	0.2055	0.9634	0.8368	0.7840
42.1	0.9845	0.7416	0.6009	0.9491	0.2881	0.9741	0.7789	0.7400
42.2	0.9812	0.6741	0.4401	0.9336	0.2900	0.9746	0.7139	0.6885
42.3	0.9862	0.7537	0.4870	0.9424	0.3683	0.9713	0.7674	0.7411

42.4	0.9774	0.7541	0.4673	0.9229	0.4351	0.9694	0.7189	0.7154
42.5	0.9647	0.6274	0.3898	0.8880	0.3440	0.9541	0.5573	0.5785
42.6	0.9745	0.5959	0.4341	0.9149	0.2499	0.9412	0.5998	0.6034
42.7	0.9741	0.5614	0.4663	0.9087	0.1410	0.9223	0.5704	0.5808
42.8	0.9768	0.6638	0.5611	0.9314	0.2105	0.9548	0.6683	0.6776
42.9	0.9768	0.7400	0.5375	0.9270	0.3881	0.9649	0.6745	0.7276
43.0	0.9677	0.6359	0.4762	0.8980	0.2981	0.9249	0.5624	0.6048
43.1	0.9652	0.5299	0.4331	0.8901	0.1319	0.9114	0.4988	0.5314
43.2	0.9709	0.5502	0.4308	0.8997	0.1668	0.9198	0.5246	0.5389
43.3	0.9729	0.6336	0.3443	0.9057	0.1694	0.7828	0.5196	0.5868
43.4	0.9785	0.6896	0.2947	0.9326	0.1943	0.8624	0.5955	0.7349
43.5	0.9770	0.6369	0.2422	0.9239	0.1891	0.9362	0.6356	0.7663
43.6	0.9763	0.7396	0.3725	0.9216	0.3269	0.9254	0.6883	0.8272
43.7	0.9768	0.7818	0.5026	0.9295	0.3154	0.9254	0.6476	0.8234
43.8	0.9705	0.7590	0.3966	0.9205	0.1873	0.9247	0.5861	0.7926
43.9	0.9738	0.7354	0.2917	0.9263	0.1326	0.9408	0.5317	0.7650
44.0	0.9681	0.6967	0.4385	0.9073	0.2211	0.9580	0.5929	0.7939
44.1	0.9579	0.6781	0.4418	0.8922	0.1656	0.8828	0.6288	0.7744
44.2	0.9535	0.6117	0.1815	0.8853	0.1143	0.8852	0.6542	0.7598
44.3	0.9368	0.5700	0.1420	0.8541	0.1791	0.8870	0.5422	0.6906
44.4	0.9411	0.6133	0.4470	0.8645	0.0812	0.9292	0.4615	0.6666
44.5	0.9443	0.6946	0.5526	0.8850	0.0949	0.9435	0.5075	0.7180
44.6	0.9162	0.5466	0.4206	0.8350	0.2743	0.9246	0.5034	0.6737
44.7	0.9302	0.5217	0.5006	0.8644	0.2042	0.8945	0.5739	0.6822
44.8	0.9458	0.6534	0.6238	0.8974	0.1999	0.8819	0.5840	0.7488
44.9	0.9048	0.6052	0.3760	0.8296	0.1704	0.8657	0.4482	0.6955
45.0	0.9078	0.6408	0.3125	0.8402	0.2152	0.9002	0.3780	0.7245
45.1	0.9211	0.7054	0.4445	0.8708	0.1777	0.9203	0.3147	0.7544
45.2	0.9226	0.7060	0.4107	0.8726	0.1708	0.9330	0.1641	0.7436
45.3	0.9278	0.7307	0.3621	0.8927	0.1203	0.9529	0.2714	0.7471
45.4	0.9453	0.8196	0.5653	0.9241	0.1984	0.9239	0.5403	0.8007
45.5	0.9494	0.8123	0.6816	0.9286	0.1001	0.8539	0.5829	0.7967
45.6	0.9436	0.7841	0.5930	0.9135	0.0954	0.8884	0.4759	0.7842
45.7	0.9473	0.7457	0.5146	0.9114	0.1235	0.9199	0.3056	0.7655
45.8	0.9498	0.7999	0.5148	0.9229	0.2076	0.9345	0.4045	0.8103
45.9	0.9584	0.8606	0.5269	0.9405	0.2226	0.9569	0.3463	0.8542
46.0	0.9591	0.8463	0.6196	0.9460	0.2653	0.9543	0.2419	0.8374
46.1	0.9422	0.7653	0.5611	0.9250	0.1735	0.9307	0.1979	0.7695
46.2	0.9534	0.8149	0.5953	0.9434	0.0433	0.9384	0.3005	0.7824
46.3	0.9722	0.8632	0.6939	0.9594	0.0368	0.9501	0.3261	0.8148
46.4	0.9790	0.9115	0.8146	0.9710	0.0756	0.9699	0.2580	0.8918
46.5	0.9761	0.9027	0.7633	0.9683	0.0821	0.9714	0.3268	0.8964
46.6	0.9748	0.9007	0.5899	0.9672	0.1876	0.9745	0.3289	0.8759
46.7	0.9793	0.9206	0.7196	0.9733	0.2627	0.9741	0.3662	0.8926
46.8	0.9814	0.9124	0.8423	0.9762	0.1322	0.9727	0.3740	0.9011
46.9	0.9787	0.9144	0.8218	0.9754	0.0505	0.9813	0.4351	0.9039
47.0	0.9845	0.9299	0.8811	0.9816	0.1206	0.9805	0.5492	0.9176
47.1	0.9876	0.9412	0.9025	0.9858	0.2103	0.9761	0.6011	0.9128
47.2	0.9842	0.9470	0.8791	0.9855	0.1880	0.9722	0.5588	0.8937
47.3	0.9828	0.9468	0.8945	0.9848	0.0903	0.9714	0.6359	0.9017
47.4	0.9860	0.9556	0.7812	0.9871	0.0358	0.9781	0.6928	0.9227
47.5	0.9853	0.9542	0.7442	0.9873	0.0301	0.9519	0.6243	0.8886
47.6	0.9809	0.9363	0.7458	0.9834	0.1013	0.9319	0.6003	0.8530
47.7	0.9833	0.9361	0.6994	0.9865	0.0931	0.9555	0.5398	0.8452
47.8	0.9852	0.9560	0.7403	0.9867	0.0402	0.9531	0.6152	0.8589
47.9	0.9807	0.9536	0.5510	0.9836	0.0068	0.9592	0.4979	0.8970
48.0	0.9795	0.9630	0.0492	0.9856	0.0006	0.9666	0.4363	0.8928
48.1	0.9872	0.9587	0.3455	0.9896	0.0838	0.9715	0.4322	0.8955
48.2	0.9906	0.9401	0.6562	0.9915	0.0839	0.9746	0.4735	0.9136
48.3	0.9884	0.9350	0.6568	0.9900	0.0181	0.9583	0.4295	0.8860
48.4	0.9858	0.9099	0.6757	0.9890	0.1233	0.8850	0.5077	0.7810
48.5	0.9918	0.9500	0.7486	0.9934	0.2341	0.9380	0.5686	0.8158
48.6	0.9913	0.9256	0.7954	0.9931	0.2022	0.9054	0.4531	0.7382
48.7	0.9860	0.9514	0.7396	0.9900	0.0208	0.8125	0.4442	0.7748
48.8	0.9893	0.9714	0.5430	0.9927	0.0003	0.9083	0.5910	0.8868
48.9	0.9887	0.9410	0.5633	0.9914	0.0154	0.9217	0.3624	0.8748
49.0	0.9868	0.9253	0.6099	0.9909	0.0964	0.9252	0.1180	0.8536
49.1	0.9878	0.9470	0.6801	0.9899	0.1334	0.9253	0.0530	0.8881
49.2	0.9847	0.9357	0.7283	0.9886	0.0433	0.9256	0.0461	0.8567
49.3	0.9898	0.9439	0.7965	0.9938	0.0962	0.9524	0.1402	0.8891
49.4	0.9898	0.9488	0.7695	0.9940	0.0642	0.9527	0.0904	0.9051
49.5	0.9836	0.9344	0.6186	0.9925	0.0122	0.9268	0.0728	0.8625
49.6	0.9882	0.9105	0.8301	0.9933	0.0112	0.9282	0.2987	0.8114
49.7	0.9920	0.9106	0.9047	0.9950	0.0695	0.9391	0.4477	0.7718
49.8	0.9886	0.8723	0.8777	0.9949	0.0541	0.8745	0.5093	0.7351
49.9	0.9805	0.8380	0.6086	0.9914	0.0071	0.8605	0.4407	0.8098
50.0	0.9871	0.8485	0.7170	0.9936	0.0558	0.9083	0.5307	0.8405
50.1	0.9878	0.8589	0.7813	0.9950	0.1059	0.8918	0.4080	0.8562
50.2	0.9817	0.8239	0.7630	0.9922	0.1098	0.8705	0.2441	0.8212
50.3	0.9835	0.8469	0.8043	0.9921	0.0389	0.8864	0.3416	0.8550
50.4	0.9838	0.8467	0.8023	0.9936	0.0042	0.8802	0.3577	0.8647
50.5	0.9806	0.7823	0.6555	0.9932	0.0376	0.8810	0.2405	0.8552
50.6	0.9849	0.8138	0.6582	0.9943	0.0346	0.9270	0.2398	0.9036
50.7	0.9794	0.7509	0.5546	0.9904	0.0104	0.8876	0.2022	0.8492
50.8	0.9842	0.7644	0.8077	0.9916	0.0454	0.8816	0.2059	0.8381
50.9	0.9850	0.8301	0.8211	0.9926	0.0644	0.7678	0.3825	0.8396

51.0	0.9769	0.8121	0.6981	0.9896	0.1127	0.6687	0.3922	0.8252
51.1	0.9727	0.6509	0.7268	0.9833	0.0421	0.5455	0.3836	0.7688
51.2	0.9864	0.8007	0.7820	0.9915	0.0168	0.7946	0.4184	0.9178
51.3	0.9841	0.7105	0.6876	0.9888	0.0122	0.7096	0.1938	0.7931
51.4	0.9864	0.6941	0.8580	0.9887	0.0194	0.6721	0.2752	0.7094
51.5	0.9817	0.7562	0.9091	0.9894	0.0254	0.4180	0.3165	0.7756
51.6	0.9732	0.6862	0.9018	0.9861	0.0213	0.0528	0.3305	0.8714
51.7	0.9834	0.7754	0.9294	0.9892	0.0810	0.4242	0.4137	0.9034
51.8	0.9879	0.8166	0.9279	0.9881	0.1080	0.5171	0.4668	0.9162
51.9	0.9846	0.7496	0.9094	0.9869	0.0508	0.1661	0.3683	0.8751
52.0	0.9847	0.7656	0.9356	0.9898	0.0542	0.2728	0.3228	0.9110
52.1	0.9815	0.6185	0.9519	0.9852	0.0712	0.5401	0.2956	0.9126
52.2	0.9876	0.6780	0.9666	0.9866	0.0783	0.7444	0.3683	0.9177
52.3	0.9864	0.7368	0.9670	0.9880	0.2356	0.7554	0.3097	0.8958
52.4	0.9781	0.7228	0.9459	0.9835	0.1639	0.6390	0.1645	0.8671
52.5	0.9830	0.8236	0.9530	0.9899	0.2701	0.7198	0.0870	0.8662
52.6	0.9906	0.9201	0.9281	0.9917	0.3757	0.7772	0.0449	0.8947
52.7	0.9885	0.9302	0.8960	0.9891	0.2967	0.7125	0.0233	0.8979
52.8	0.9857	0.8090	0.9281	0.9797	0.0124	0.6260	0.0834	0.8856
52.9	0.9848	0.7832	0.8964	0.9809	0.0938	0.2976	0.0294	0.7480
53.0	0.9843	0.7589	0.9311	0.9799	0.1122	0.7052	0.1486	0.8703
53.1	0.9862	0.7881	0.9518	0.9843	0.0771	0.8837	0.1341	0.9011
53.2	0.9824	0.7767	0.9328	0.9830	0.0569	0.8677	0.0442	0.8896
53.3	0.9850	0.7097	0.9373	0.9792	0.1633	0.8939	0.0545	0.9120
53.4	0.9854	0.7027	0.9420	0.9776	0.3341	0.8997	0.0313	0.9191
53.5	0.9878	0.7755	0.8675	0.9827	0.2457	0.8053	0.0576	0.8747
53.6	0.9823	0.6552	0.7963	0.9747	0.0164	0.6924	0.0387	0.8542
53.7	0.9833	0.6219	0.8511	0.9814	0.0174	0.8137	0.0280	0.8949
53.8	0.9853	0.5247	0.8910	0.9795	0.0124	0.8659	0.0693	0.9065
53.9	0.9854	0.3396	0.9419	0.9767	0.1431	0.9222	0.1798	0.9201
54.0	0.9899	0.6449	0.9196	0.9814	0.3759	0.9561	0.4943	0.9336
54.1	0.9905	0.8274	0.9120	0.9810	0.2745	0.9332	0.4830	0.9318
54.2	0.9923	0.8476	0.9495	0.9813	0.2775	0.9302	0.5045	0.9138
54.3	0.9921	0.8076	0.9550	0.9808	0.2703	0.9594	0.5605	0.9356
54.4	0.9844	0.7770	0.9305	0.9709	0.1828	0.9566	0.3772	0.9408
54.5	0.9900	0.8817	0.9553	0.9810	0.4339	0.9585	0.5556	0.9544
54.6	0.9943	0.8981	0.9645	0.9876	0.5819	0.9705	0.6579	0.9592
54.7	0.9951	0.8731	0.9451	0.9872	0.4677	0.9619	0.6179	0.9500
54.8	0.9934	0.8365	0.9383	0.9852	0.4329	0.9669	0.5709	0.9473
54.9	0.9908	0.8205	0.9479	0.9805	0.4538	0.9803	0.6409	0.9665
55.0	0.9923	0.8698	0.9564	0.9853	0.4522	0.9818	0.6595	0.9638
55.1	0.9927	0.8881	0.9721	0.9848	0.4975	0.9825	0.6474	0.9555
55.2	0.9936	0.9101	0.9593	0.9853	0.4877	0.9877	0.6430	0.9630
55.3	0.9935	0.9103	0.9584	0.9868	0.4629	0.9849	0.7047	0.9577
55.4	0.9928	0.9203	0.9692	0.9893	0.3431	0.9822	0.6267	0.9396
55.5	0.9907	0.8969	0.9617	0.9865	0.3262	0.9742	0.5992	0.9139
55.6	0.9917	0.9017	0.9587	0.9838	0.2917	0.9794	0.6119	0.9540
55.7	0.9939	0.9161	0.9582	0.9816	0.4107	0.9877	0.6441	0.9562
55.8	0.9939	0.9230	0.9618	0.9858	0.3976	0.9862	0.6145	0.9541
55.9	0.9921	0.8741	0.9352	0.9816	0.3333	0.9813	0.5811	0.9454
56.0	0.9872	0.8044	0.9166	0.9771	0.1520	0.9650	0.5526	0.9296
56.1	0.9864	0.8100	0.9284	0.9784	0.2228	0.9600	0.6551	0.9006
56.2	0.9900	0.8697	0.9495	0.9771	0.2491	0.9801	0.7602	0.9334
56.3	0.9928	0.8960	0.9680	0.9836	0.4160	0.9849	0.8207	0.9572
56.4	0.9897	0.8535	0.9475	0.9809	0.1902	0.9798	0.7166	0.9315
56.5	0.9925	0.8644	0.9544	0.9860	0.2102	0.9863	0.6973	0.9524
56.6	0.9942	0.8957	0.9561	0.9876	0.2670	0.9857	0.6536	0.9562
56.7	0.9934	0.8715	0.9442	0.9873	0.1651	0.9865	0.5393	0.9583
56.8	0.9892	0.8435	0.9510	0.9876	0.0955	0.9886	0.4507	0.9594
56.9	0.9911	0.8387	0.9520	0.9837	0.1961	0.9892	0.5051	0.9496
57.0	0.9921	0.8610	0.9448	0.9840	0.1896	0.9855	0.6089	0.9350
57.1	0.9897	0.8827	0.9375	0.9834	0.1411	0.9845	0.5682	0.9121
57.2	0.9874	0.8529	0.9123	0.9842	0.1175	0.9822	0.4954	0.9161
57.3	0.9912	0.8717	0.9234	0.9848	0.1861	0.9865	0.5179	0.9456
57.4	0.9891	0.8859	0.9410	0.9779	0.2420	0.9877	0.4690	0.9281
57.5	0.9883	0.8974	0.9401	0.9818	0.2885	0.9848	0.5228	0.9310
57.6	0.9832	0.8293	0.9255	0.9656	0.1072	0.9658	0.3214	0.8567
57.7	0.9797	0.7620	0.8981	0.9465	0.2796	0.9648	0.2804	0.8288
57.8	0.9841	0.7859	0.9041	0.9558	0.2987	0.9693	0.4258	0.9012
57.9	0.9867	0.8288	0.9113	0.9715	0.2369	0.9719	0.4151	0.9013
58.0	0.9817	0.8110	0.9138	0.9725	0.2664	0.9702	0.3397	0.8824
58.1	0.9815	0.8091	0.8892	0.9659	0.3412	0.9667	0.3883	0.8717
58.2	0.9860	0.7662	0.9085	0.9650	0.3387	0.9754	0.4887	0.8991
58.3	0.9868	0.7068	0.8968	0.9602	0.1748	0.9706	0.4451	0.9013
58.4	0.9836	0.7386	0.8982	0.9565	0.1440	0.9738	0.2955	0.8850
58.5	0.9847	0.8037	0.9220	0.9611	0.0995	0.9718	0.2262	0.8709
58.6	0.9873	0.8503	0.9376	0.9654	0.0564	0.9755	0.4029	0.8775
58.7	0.9857	0.7849	0.9036	0.9635	0.1316	0.9773	0.3318	0.8830
58.8	0.9858	0.7922	0.8962	0.9619	0.2056	0.9724	0.4052	0.8724
58.9	0.9868	0.8181	0.9108	0.9582	0.0181	0.9638	0.3661	0.8157
59.0	0.9841	0.7349	0.8748	0.9547	0.0692	0.9518	0.3082	0.7093
59.1	0.9832	0.7796	0.8887	0.9597	0.1567	0.9626	0.4905	0.7215
59.2	0.9876	0.7824	0.9417	0.9621	0.1106	0.9756	0.4747	0.7991
59.3	0.9871	0.7335	0.9143	0.9505	0.0928	0.9713	0.5601	0.7839
59.4	0.9892	0.8072	0.9018	0.9652	0.0641	0.9641	0.6648	0.8732
59.5	0.9862	0.6857	0.8962	0.9515	0.1186	0.9619	0.5089	0.8652

59.6	0.9868	0.6273	0.9159	0.9451	0.1370	0.9539	0.4090	0.8009
59.7	0.9890	0.6646	0.8795	0.9508	0.1838	0.9570	0.3866	0.7637
59.8	0.9860	0.6385	0.8874	0.9420	0.1916	0.9657	0.5226	0.8033
59.9	0.9819	0.6199	0.7612	0.9227	0.1508	0.9601	0.3108	0.7343
60.0	0.9659	0.6218	0.5003	0.8963	0.1619	0.9567	0.1529	0.7748
60.1	0.9827	0.5561	0.8040	0.9212	0.1101	0.9559	0.3795	0.7497
60.2	0.9933	0.7895	0.9593	0.9634	0.1514	0.9810	0.4242	0.8725
60.3	0.9933	0.8026	0.9586	0.9595	0.2659	0.9825	0.3350	0.8376
60.4	0.9877	0.7250	0.9471	0.9281	0.2406	0.9700	0.1718	0.6931
60.5	0.9874	0.7296	0.9479	0.9516	0.2074	0.9788	0.2279	0.7701
60.6	0.9910	0.7959	0.9564	0.9611	0.1518	0.9836	0.4245	0.8053
60.7	0.9915	0.8136	0.9609	0.9535	0.1774	0.9817	0.4074	0.7690
60.8	0.9925	0.8578	0.9727	0.9582	0.3330	0.9830	0.4622	0.7644
60.9	0.9921	0.8143	0.9749	0.9586	0.2264	0.9812	0.3340	0.7100
61.0	0.9940	0.8403	0.9602	0.9666	0.0467	0.9807	0.3274	0.7045
61.1	0.9900	0.7221	0.9673	0.9515	0.0941	0.9798	0.2756	0.6839
61.2	0.9909	0.7769	0.9729	0.9624	0.1134	0.9851	0.3853	0.7096
61.3	0.9892	0.7635	0.9650	0.9638	0.0930	0.9839	0.3070	0.6655
61.4	0.9880	0.6605	0.9553	0.9593	0.1867	0.9730	0.3392	0.5948
61.5	0.9934	0.7338	0.9714	0.9771	0.1982	0.9863	0.3782	0.7128
61.6	0.9939	0.7698	0.9772	0.9791	0.1203	0.9852	0.4050	0.7431
61.7	0.9932	0.7769	0.9690	0.9783	0.0371	0.9844	0.2957	0.6548
61.8	0.9912	0.7482	0.9732	0.9767	0.0223	0.9843	0.1103	0.6259
61.9	0.9938	0.7600	0.9819	0.9790	0.0312	0.9862	0.2455	0.7660
62.0	0.9943	0.7623	0.9803	0.9797	0.0235	0.9894	0.3685	0.7606
62.1	0.9909	0.7463	0.9707	0.9762	0.0767	0.9833	0.3229	0.6987
62.2	0.9905	0.6736	0.9692	0.9690	0.0562	0.9834	0.3143	0.6771
62.3	0.9897	0.6902	0.9727	0.9755	0.0608	0.9871	0.2041	0.6415
62.4	0.9897	0.7428	0.9766	0.9808	0.0801	0.9883	0.2898	0.6447
62.5	0.9916	0.7560	0.9703	0.9781	0.0925	0.9857	0.3815	0.6741
62.6	0.9922	0.7885	0.9695	0.9774	0.0434	0.9839	0.2953	0.6566
62.7	0.9924	0.7298	0.9773	0.9792	0.0538	0.9875	0.3142	0.5679
62.8	0.9847	0.6466	0.9706	0.9664	0.0542	0.9825	0.3297	0.5389
62.9	0.9869	0.6752	0.9754	0.9702	0.1191	0.9833	0.2603	0.6712
63.0	0.9921	0.8391	0.9842	0.9820	0.0527	0.9876	0.3312	0.7502
63.1	0.9892	0.8221	0.9803	0.9852	0.0231	0.9860	0.3641	0.7385
63.2	0.9882	0.8159	0.9725	0.9799	0.0643	0.9840	0.3655	0.7242
63.3	0.9880	0.8157	0.9743	0.9808	0.1936	0.9840	0.4365	0.7094
63.4	0.9874	0.6594	0.9743	0.9717	0.1186	0.9783	0.3706	0.6554
63.5	0.9898	0.6930	0.9784	0.9698	0.1275	0.9848	0.3928	0.5903
63.6	0.9864	0.6484	0.9739	0.9644	0.0354	0.9834	0.3147	0.5313
63.7	0.9859	0.6592	0.9756	0.9675	0.0958	0.9821	0.3548	0.5715
63.8	0.9875	0.7508	0.9779	0.9712	0.0612	0.9857	0.3067	0.6368
63.9	0.9862	0.7459	0.9769	0.9623	0.0584	0.9832	0.3925	0.6304
64.0	0.9869	0.6369	0.9795	0.9656	0.1036	0.9852	0.4507	0.7084
64.1	0.9879	0.6799	0.9713	0.9682	0.1191	0.9809	0.2590	0.5499
64.2	0.9844	0.6702	0.9655	0.9676	0.0651	0.9784	0.3615	0.5254
64.3	0.9864	0.6794	0.9604	0.9605	0.0978	0.9718	0.4499	0.5306
64.4	0.9884	0.6611	0.9619	0.9496	0.0836	0.9745	0.4783	0.5881
64.5	0.9846	0.6298	0.9607	0.9489	0.0901	0.9721	0.4256	0.6381
64.6	0.9841	0.6031	0.9528	0.9477	0.0739	0.9683	0.3646	0.6328
64.7	0.9831	0.5870	0.9587	0.9448	0.0541	0.9701	0.4839	0.6429
64.8	0.9876	0.6869	0.9712	0.9505	0.1166	0.9758	0.5249	0.7230
64.9	0.9882	0.6985	0.9571	0.9439	0.0558	0.9669	0.4636	0.6943
65.0	0.9879	0.6707	0.9607	0.9284	0.0452	0.9685	0.5067	0.7211
65.1	0.9846	0.6030	0.9627	0.9216	0.0679	0.9651	0.4501	0.6603
65.2	0.9827	0.5980	0.9523	0.9409	0.1819	0.9581	0.4432	0.6635
65.3	0.9889	0.6820	0.9608	0.9561	0.1673	0.9662	0.5280	0.7019
65.4	0.9892	0.6006	0.9562	0.9483	0.0885	0.9608	0.5479	0.7037
65.5	0.9856	0.5512	0.9499	0.9406	0.0361	0.9555	0.5002	0.6918
65.6	0.9874	0.6271	0.9543	0.9435	0.0725	0.9581	0.5007	0.6901
65.7	0.9901	0.6807	0.9399	0.9463	0.0906	0.9473	0.4716	0.6752
65.8	0.9864	0.5496	0.9444	0.9424	0.2245	0.9451	0.4348	0.6650
65.9	0.9857	0.4518	0.9256	0.9325	0.2633	0.9329	0.3519	0.6643
66.0	0.9890	0.4503	0.9177	0.9388	0.1847	0.9018	0.4294	0.6811
66.1	0.9832	0.4700	0.9232	0.9134	0.1285	0.8803	0.3561	0.6152
66.2	0.9723	0.3935	0.9219	0.8899	0.1357	0.8841	0.3797	0.5839
66.3	0.9821	0.4229	0.9353	0.9060	0.2630	0.8986	0.5140	0.6734
66.4	0.9853	0.3423	0.9349	0.9443	0.1052	0.8854	0.5478	0.7698
66.5	0.9831	0.3440	0.9256	0.9437	0.0726	0.8869	0.5661	0.7423
66.6	0.9809	0.2623	0.9113	0.9304	0.1353	0.8485	0.5129	0.6548
66.7	0.9813	0.2153	0.9074	0.9380	0.1720	0.8389	0.5567	0.7063
66.8	0.9862	0.3150	0.9281	0.9472	0.2853	0.8948	0.6005	0.7425
66.9	0.9847	0.2718	0.9230	0.9531	0.2064	0.8848	0.5041	0.7259
67.0	0.9832	0.2708	0.9201	0.9446	0.1792	0.8560	0.4201	0.6834
67.1	0.9823	0.4326	0.9171	0.9404	0.2141	0.8656	0.3805	0.6766
67.2	0.9849	0.3496	0.8920	0.9242	0.2501	0.8298	0.4373	0.7250
67.3	0.9881	0.5051	0.9102	0.9500	0.1771	0.8564	0.5752	0.7958
67.4	0.9896	0.6497	0.9311	0.9608	0.1144	0.8952	0.6793	0.8009
67.5	0.9841	0.6192	0.9006	0.9615	0.0384	0.8693	0.5141	0.7142
67.6	0.9840	0.5642	0.8944	0.9566	0.0387	0.8860	0.5410	0.7497
67.7	0.9902	0.6661	0.9417	0.9531	0.0182	0.9292	0.5957	0.7954
67.8	0.9883	0.7147	0.9272	0.9579	0.0846	0.9166	0.6429	0.8339
67.9	0.9828	0.5892	0.8882	0.9303	0.2554	0.9166	0.4593	0.7686
68.0	0.9857	0.6597	0.9000	0.9503	0.2421	0.9410	0.5351	0.8128
68.1	0.9840	0.5806	0.8858	0.9471	0.3145	0.9395	0.5936	0.8120

68.2	0.9810	0.4860	0.8798	0.9381	0.2700	0.9347	0.5641	0.7774
68.3	0.9859	0.5888	0.9058	0.9458	0.2181	0.9481	0.6291	0.8134
68.4	0.9852	0.5023	0.8961	0.9478	0.2778	0.9379	0.4556	0.6897
68.5	0.9867	0.5202	0.8776	0.9532	0.3012	0.9561	0.5584	0.7473
68.6	0.9877	0.4318	0.8914	0.9570	0.2858	0.9557	0.5301	0.7354
68.7	0.9864	0.4143	0.8619	0.9493	0.1560	0.9433	0.4559	0.6766
68.8	0.9856	0.4985	0.8792	0.9604	0.2417	0.9588	0.5450	0.7022
68.9	0.9898	0.5094	0.9124	0.9672	0.3069	0.9751	0.5453	0.7542
69.0	0.9890	0.5121	0.9064	0.9540	0.1302	0.9568	0.5198	0.7585
69.1	0.9877	0.3184	0.9031	0.9423	0.1717	0.9579	0.5323	0.6723
69.2	0.9840	0.3322	0.9156	0.9514	0.2719	0.9612	0.4841	0.6596
69.3	0.9891	0.4936	0.9367	0.9619	0.4208	0.9710	0.6017	0.7400
69.4	0.9897	0.3754	0.9356	0.9692	0.4689	0.9664	0.5741	0.7728
69.5	0.9825	0.2747	0.9329	0.9594	0.4333	0.9533	0.4289	0.7097
69.6	0.9791	0.3157	0.9112	0.9571	0.3867	0.9511	0.5662	0.7798
69.7	0.9866	0.2738	0.9365	0.9666	0.3612	0.9612	0.6327	0.8557
69.8	0.9819	0.1535	0.9163	0.9627	0.2681	0.9634	0.5904	0.7849
69.9	0.9776	0.1079	0.9082	0.9648	0.3300	0.9516	0.5001	0.7460
70.0	0.9838	0.0373	0.9199	0.9667	0.3902	0.9629	0.5000	0.8080
70.1	0.9842	0.0079	0.9355	0.9599	0.3889	0.9600	0.5089	0.7722
70.2	0.9825	0.0028	0.9354	0.9698	0.4951	0.9658	0.6021	0.7971
70.3	0.9844	0.0455	0.9370	0.9667	0.5259	0.9711	0.6613	0.8443
70.4	0.9858	0.0159	0.9426	0.9648	0.4729	0.9642	0.6714	0.8332
70.5	0.9887	0.0767	0.9470	0.9784	0.5281	0.9657	0.6082	0.8469
70.6	0.9832	0.1995	0.9217	0.9729	0.5856	0.9693	0.5841	0.7876
70.7	0.9803	0.1677	0.9170	0.9639	0.5088	0.9567	0.6585	0.7888
70.8	0.9769	0.3073	0.9076	0.9662	0.4744	0.9521	0.6048	0.8394
70.9	0.9823	0.4037	0.9269	0.9685	0.4733	0.9669	0.5878	0.8096
71.0	0.9853	0.4828	0.9477	0.9714	0.6013	0.9634	0.5979	0.8355
71.1	0.9830	0.4969	0.9438	0.9725	0.5122	0.9544	0.5866	0.8280
71.2	0.9829	0.5314	0.9306	0.9771	0.4415	0.9631	0.5938	0.7931
71.3	0.9812	0.5096	0.9355	0.9707	0.4864	0.9616	0.5942	0.7741
71.4	0.9816	0.5532	0.9392	0.9642	0.4054	0.9563	0.5664	0.7249
71.5	0.9812	0.6133	0.9462	0.9669	0.5162	0.9553	0.5607	0.7322
71.6	0.9835	0.6443	0.9444	0.9697	0.6310	0.9564	0.5598	0.7720
71.7	0.9854	0.7474	0.9478	0.9733	0.6032	0.9546	0.6546	0.8043
71.8	0.9815	0.8309	0.9460	0.9754	0.5842	0.9427	0.6618	0.7971
71.9	0.9775	0.8193	0.9441	0.9765	0.5167	0.9335	0.6212	0.7766
72.0	0.9723	0.7191	0.9240	0.9743	0.4610	0.9225	0.6026	0.7781
72.1	0.9755	0.7407	0.9281	0.9717	0.5087	0.9245	0.6910	0.7050
72.2	0.9718	0.7712	0.9264	0.9646	0.4545	0.9365	0.6957	0.7623
72.3	0.9750	0.7672	0.9537	0.9680	0.4425	0.9357	0.5686	0.7138
72.4	0.9782	0.7763	0.9513	0.9769	0.3935	0.9375	0.5345	0.7690
72.5	0.9685	0.8089	0.9396	0.9731	0.4912	0.9414	0.5966	0.7623
72.6	0.9678	0.7740	0.9478	0.9733	0.5504	0.9340	0.6844	0.7240
72.7	0.9572	0.7802	0.9275	0.9609	0.4420	0.9244	0.5652	0.6373
72.8	0.9551	0.8384	0.9306	0.9668	0.4825	0.9385	0.6609	0.6127
72.9	0.9509	0.7120	0.9252	0.9674	0.3660	0.9375	0.6745	0.7042
73.0	0.9537	0.6929	0.9209	0.9679	0.3892	0.9380	0.7029	0.7602
73.1	0.9574	0.7441	0.9323	0.9698	0.4707	0.9494	0.7289	0.7536
73.2	0.9660	0.7699	0.9453	0.9734	0.3692	0.9483	0.6987	0.7008
73.3	0.9644	0.8210	0.9375	0.9689	0.3307	0.9448	0.5244	0.6600
73.4	0.9533	0.7937	0.9397	0.9706	0.2787	0.9526	0.6788	0.7381
73.5	0.9519	0.8063	0.9489	0.9704	0.2869	0.9587	0.6862	0.7462
73.6	0.9474	0.8331	0.9395	0.9693	0.2191	0.9660	0.5840	0.7587
73.7	0.9580	0.7760	0.9499	0.9782	0.1912	0.9517	0.6298	0.7116
73.8	0.9578	0.7486	0.9511	0.9732	0.3431	0.9453	0.5976	0.6440
73.9	0.9483	0.7548	0.9494	0.9678	0.2543	0.9305	0.5529	0.5950
74.0	0.9507	0.8645	0.9518	0.9664	0.4148	0.9402	0.6357	0.6950
74.1	0.9378	0.8277	0.9428	0.9662	0.1679	0.9309	0.6704	0.6417
74.2	0.9365	0.8001	0.9304	0.9619	0.1188	0.9249	0.6172	0.5213
74.3	0.9446	0.8375	0.9357	0.9596	0.2877	0.9036	0.5357	0.4435
74.4	0.9200	0.7896	0.9375	0.9511	0.2082	0.8787	0.5712	0.4170
74.5	0.9199	0.7645	0.9410	0.9539	0.0728	0.8765	0.5458	0.3945
74.6	0.9321	0.7291	0.9542	0.9590	0.2097	0.8840	0.5870	0.5281
74.7	0.9325	0.7340	0.9439	0.9535	0.2160	0.9037	0.5253	0.5384
74.8	0.9298	0.7885	0.9331	0.9589	0.1695	0.9140	0.5832	0.6104
74.9	0.9345	0.8425	0.9418	0.9637	0.2066	0.9340	0.6691	0.5954
75.0	0.9234	0.8115	0.9382	0.9617	0.1139	0.9346	0.6287	0.5778
75.1	0.9267	0.7746	0.9316	0.9546	0.1300	0.9192	0.5209	0.4197
75.2	0.9240	0.6802	0.9200	0.9502	0.1284	0.8658	0.5022	0.3588
75.3	0.9272	0.7222	0.9285	0.9605	0.0824	0.8992	0.4280	0.4665
75.4	0.9216	0.7317	0.9387	0.9661	0.0898	0.9134	0.4492	0.4380
75.5	0.9138	0.7286	0.9343	0.9527	0.2664	0.8697	0.5223	0.3191
75.6	0.8986	0.7496	0.8997	0.9589	0.1312	0.8642	0.4827	0.2907
75.7	0.9019	0.7467	0.9038	0.9506	0.1830	0.8810	0.4725	0.4596
75.8	0.8841	0.6518	0.8937	0.9431	0.2223	0.8299	0.3245	0.4124
75.9	0.8935	0.5835	0.8784	0.9416	0.0874	0.8454	0.3175	0.2638
76.0	0.8959	0.6407	0.8904	0.9365	0.0628	0.8647	0.3853	0.2940
76.1	0.8840	0.5604	0.8922	0.9442	0.1069	0.8487	0.4265	0.4134
76.2	0.8783	0.5570	0.8907	0.9215	0.0263	0.8149	0.3173	0.2661
76.3	0.8486	0.5371	0.8766	0.9127	0.0121	0.8075	0.2252	0.1566
76.4	0.8773	0.5367	0.8771	0.9235	0.0530	0.8392	0.2718	0.2990
76.5	0.8961	0.4951	0.8712	0.9464	0.0185	0.8412	0.3122	0.3063
76.6	0.8889	0.5004	0.8615	0.9396	0.0458	0.8360	0.2014	0.2253
76.7	0.8945	0.5266	0.8654	0.9362	0.0205	0.8402	0.2105	0.2209

76.8	0.9037	0.3966	0.8853	0.9268	0.0285	0.8196	0.1872	0.4750
76.9	0.9103	0.2611	0.8942	0.9277	0.0085	0.8293	0.1655	0.3844
77.0	0.8635	0.2800	0.8501	0.9028	0.0623	0.7647	0.1860	0.2178
77.1	0.8464	0.2579	0.8571	0.8902	0.1195	0.7524	0.3195	0.2787
77.2	0.8975	0.3339	0.8803	0.9113	0.0369	0.7691	0.2057	0.2680
77.3	0.8821	0.3197	0.8633	0.8935	0.0027	0.6955	0.1897	0.3188
77.4	0.8310	0.3698	0.8450	0.8907	0.0985	0.6395	0.0571	0.2748
77.5	0.8728	0.4642	0.9075	0.8946	0.0640	0.6669	0.0906	0.1598
77.6	0.8877	0.4602	0.9193	0.8839	0.0241	0.6319	0.1220	0.0915
77.7	0.8705	0.5391	0.8873	0.8711	0.1176	0.6336	0.0520	0.0872
77.8	0.8952	0.6392	0.9144	0.9041	0.0611	0.7188	0.0510	0.2079
77.9	0.8758	0.5872	0.9055	0.8664	0.0567	0.6559	0.1315	0.2895
78.0	0.8737	0.5391	0.8919	0.8599	0.0655	0.6114	0.1103	0.3090
78.1	0.9073	0.6904	0.9139	0.8540	0.0828	0.6356	0.1088	0.3755
78.2	0.9005	0.7903	0.9365	0.8123	0.1676	0.5708	0.0571	0.2203
78.3	0.8892	0.7572	0.9355	0.8583	0.2110	0.5605	0.1099	0.1952
78.4	0.9003	0.7511	0.9336	0.8652	0.0474	0.6216	0.1484	0.3160
78.5	0.8978	0.7488	0.9419	0.8740	0.0243	0.6018	0.1628	0.2983
78.6	0.9044	0.7781	0.9441	0.8776	0.1090	0.5520	0.1629	0.3656
78.7	0.9116	0.8170	0.9566	0.8931	0.0631	0.5897	0.1229	0.3104
78.8	0.9227	0.8185	0.9519	0.9001	0.0256	0.5805	0.0977	0.2846
78.9	0.8686	0.7912	0.9202	0.8101	0.0152	0.6113	0.1717	0.4398
79.0	0.8773	0.8417	0.9460	0.8213	0.0504	0.6630	0.1746	0.4732
79.1	0.8904	0.8451	0.9531	0.8395	0.1988	0.5241	0.0557	0.3029
79.2	0.9218	0.8659	0.9525	0.8510	0.1066	0.4247	0.0251	0.3601
79.3	0.9355	0.8752	0.9603	0.8068	0.0428	0.5304	0.0252	0.3477
79.4	0.9374	0.8935	0.9740	0.8315	0.0168	0.4580	0.0533	0.3476
79.5	0.9126	0.8631	0.9673	0.8275	0.0587	0.4118	0.0182	0.4411
79.6	0.9159	0.8534	0.9671	0.8585	0.0356	0.5394	0.0821	0.3333
79.7	0.9150	0.8733	0.9666	0.7793	0.0556	0.4342	0.0738	0.2534
79.8	0.9125	0.8821	0.9669	0.7355	0.0079	0.3291	0.0281	0.2353
79.9	0.8952	0.8385	0.9609	0.7192	0.0540	0.2426	0.0673	0.1151
80.0	0.9260	0.8801	0.9705	0.7759	0.0578	0.3179	0.0478	0.2123

2.2.90 Run 8 – VT315 – Accels 41–47

Vertical shaking at 315°. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.2879	0.2347	0.3101	0.3251	0.2764	0.2019	0.0127
0.1	0.0365	0.0142	0.0720	0.0912	0.0135	0.0239	0.0269
0.2	0.0256	0.0036	0.0660	0.0214	0.0190	0.0217	0.0290
0.3	0.0178	0.0226	0.0178	0.0135	0.0193	0.0006	0.0294
0.4	0.0115	0.0055	0.0111	0.0239	0.0077	0.0049	0.0234
0.5	0.0138	0.0107	0.0232	0.0366	0.0012	0.0426	0.0059
0.6	0.0144	0.0057	0.0021	0.1306	0.1027	0.0376	0.0096
0.7	0.0341	0.0230	0.0104	0.0898	0.0137	0.0419	0.0080
0.8	0.0211	0.0073	0.0289	0.0362	0.0165	0.0730	0.0197
0.9	0.0159	0.0011	0.0217	0.0103	0.0055	0.0154	0.0294
1.0	0.0075	0.0190	0.1526	0.0183	0.0166	0.0142	0.0070
1.1	0.0117	0.0039	0.1438	0.0209	0.0158	0.1214	0.0078
1.2	0.0531	0.0052	0.1521	0.0347	0.1348	0.0891	0.0390
1.3	0.0429	0.0063	0.2502	0.0925	0.0810	0.2122	0.1299
1.4	0.0714	0.0956	0.4030	0.0893	0.0383	0.3902	0.1704
1.5	0.0322	0.0383	0.4079	0.1052	0.0340	0.3379	0.2613
1.6	0.1458	0.2309	0.6194	0.1411	0.2103	0.3798	0.4516
1.7	0.2993	0.5290	0.6492	0.0391	0.5030	0.5677	0.4194
1.8	0.2829	0.7802	0.7413	0.0268	0.7836	0.6472	0.7082
1.9	0.2156	0.7324	0.7675	0.0913	0.7611	0.7324	0.7050
2.0	0.1652	0.4180	0.6515	0.2716	0.4179	0.7254	0.4024
2.1	0.3778	0.3705	0.8312	0.4262	0.3714	0.7367	0.3612
2.2	0.4914	0.3090	0.8980	0.3886	0.3089	0.6836	0.3044
2.3	0.2930	0.3019	0.8903	0.2650	0.3005	0.8128	0.3055
2.4	0.1003	0.3235	0.8634	0.1049	0.3245	0.8581	0.3545
2.5	0.0474	0.4502	0.8868	0.0507	0.4579	0.8897	0.4674
2.6	0.3121	0.5415	0.9430	0.3444	0.5456	0.9480	0.5532
2.7	0.6185	0.7162	0.9521	0.6239	0.7407	0.9463	0.7438
2.8	0.4647	0.7644	0.9506	0.4190	0.7481	0.9437	0.7594
2.9	0.2556	0.6624	0.9541	0.2895	0.6342	0.9374	0.6523
3.0	0.1950	0.5716	0.9693	0.2809	0.5224	0.9559	0.6702
3.1	0.1643	0.3354	0.9747	0.1774	0.4317	0.9640	0.6150
3.2	0.0993	0.2383	0.9615	0.0407	0.3556	0.9652	0.4784
3.3	0.0887	0.3327	0.9652	0.0035	0.2798	0.9635	0.4767
3.4	0.0548	0.3605	0.9559	0.0449	0.2653	0.9494	0.4260
3.5	0.1044	0.3227	0.9193	0.0272	0.2228	0.9341	0.3790
3.6	0.1839	0.2268	0.9040	0.0097	0.1996	0.8762	0.2854
3.7	0.0947	0.1798	0.9536	0.0239	0.1972	0.9601	0.0703
3.8	0.0948	0.4910	0.9891	0.1580	0.5106	0.9920	0.2792
3.9	0.3198	0.6171	0.9967	0.2249	0.6028	0.9968	0.6083
4.0	0.3574	0.4569	0.9957	0.1821	0.4226	0.9966	0.7913
4.1	0.1847	0.3809	0.9968	0.1144	0.3477	0.9967	0.8874
4.2	0.1375	0.2621	0.9971	0.0132	0.3213	0.9967	0.8845
4.3	0.1261	0.0816	0.9949	0.0558	0.0752	0.9957	0.8500
4.4	0.2188	0.4576	0.9939	0.2350	0.3051	0.9957	0.8285
4.5	0.2424	0.5281	0.9942	0.1820	0.4788	0.9958	0.8240
4.6	0.2112	0.6102	0.9919	0.1911	0.5998	0.9929	0.7728
4.7	0.0852	0.6200	0.9882	0.1015	0.5746	0.9917	0.5546
4.8	0.2059	0.8005	0.9899	0.2470	0.7699	0.9922	0.5957
4.9	0.2584	0.7382	0.9821	0.1500	0.7059	0.9850	0.4294
5.0	0.2025	0.3946	0.9947	0.1388	0.4900	0.9932	0.4667
5.1	0.1967	0.5146	0.9949	0.1989	0.6757	0.9970	0.7597
5.2	0.4750	0.5573	0.9952	0.6135	0.6073	0.9977	0.8327
5.3	0.4929	0.3741	0.9923	0.4938	0.1894	0.9861	0.7131
5.4	0.3863	0.2629	0.9787	0.5159	0.0671	0.9671	0.5174
5.5	0.5584	0.1637	0.9861	0.6065	0.0616	0.9841	0.6912
5.6	0.7629	0.5183	0.9967	0.7546	0.5614	0.9972	0.8198
5.7	0.8271	0.7617	0.9958	0.8309	0.7394	0.9963	0.8294
5.8	0.8503	0.9179	0.9968	0.8505	0.9007	0.9974	0.8671
5.9	0.8825	0.9310	0.9981	0.8478	0.9205	0.9983	0.6213
6.0	0.8672	0.9180	0.9946	0.8715	0.9033	0.9956	0.0384
6.1	0.9134	0.9413	0.9955	0.8856	0.9319	0.9959	0.7975
6.2	0.9166	0.9549	0.9959	0.9002	0.9260	0.9962	0.9240
6.3	0.9312	0.9464	0.9928	0.9262	0.9137	0.9929	0.9661
6.4	0.9511	0.9473	0.9933	0.9357	0.9191	0.9936	0.9831
6.5	0.9364	0.9138	0.9920	0.9351	0.8972	0.9923	0.9814
6.6	0.9417	0.8863	0.9905	0.9388	0.8115	0.9907	0.9810
6.7	0.9494	0.8996	0.9818	0.9279	0.7644	0.9822	0.9803
6.8	0.9141	0.9096	0.9765	0.9235	0.8467	0.9771	0.9816
6.9	0.8950	0.9119	0.9612	0.9363	0.8647	0.9623	0.9755
7.0	0.8300	0.9101	0.9196	0.8776	0.7537	0.9207	0.9505
7.1	0.8669	0.5499	0.9309	0.8901	0.5349	0.9313	0.9381
7.2	0.8469	0.5933	0.9142	0.8767	0.6857	0.9142	0.8107
7.3	0.9507	0.7331	0.9343	0.9311	0.7583	0.9338	0.6421
7.4	0.9274	0.8445	0.9435	0.9683	0.8653	0.9429	0.6176
7.5	0.9420	0.8495	0.9433	0.9662	0.8936	0.9421	0.4131
7.6	0.9610	0.9524	0.9836	0.9662	0.9750	0.9830	0.7811
7.7	0.9502	0.9702	0.9878	0.9560	0.9802	0.9871	0.8325
7.8	0.9409	0.9690	0.9973	0.9501	0.9822	0.9972	0.9205
7.9	0.9462	0.9389	0.9973	0.9514	0.9582	0.9972	0.9541

8.0	0.9447	0.9137	0.9909	0.9571	0.9263	0.9903	0.9462
8.1	0.9398	0.9632	0.9981	0.9522	0.9681	0.9979	0.9426
8.2	0.9502	0.9600	0.9983	0.9565	0.9769	0.9982	0.9462
8.3	0.9446	0.9583	0.9988	0.9518	0.9674	0.9987	0.9427
8.4	0.9466	0.9462	0.9984	0.9541	0.9556	0.9982	0.9431
8.5	0.9647	0.9567	0.9992	0.9728	0.9702	0.9990	0.9718
8.6	0.9559	0.9659	0.9989	0.9659	0.9779	0.9989	0.9687
8.7	0.9658	0.9785	0.9988	0.9746	0.9798	0.9988	0.9719
8.8	0.9742	0.9847	0.9982	0.9794	0.9859	0.9981	0.9785
8.9	0.9714	0.9782	0.9965	0.9774	0.9844	0.9965	0.9685
9.0	0.9565	0.9610	0.9838	0.9612	0.9649	0.9832	0.9682
9.1	0.9676	0.9625	0.9876	0.9698	0.9570	0.9872	0.9585
9.2	0.9685	0.9711	0.9820	0.9694	0.9794	0.9817	0.9502
9.3	0.9632	0.9714	0.9702	0.9625	0.9800	0.9692	0.9401
9.4	0.9182	0.9603	0.9271	0.9161	0.9760	0.9244	0.9419
9.5	0.9273	0.9767	0.9234	0.9166	0.9827	0.9203	0.9663
9.6	0.9423	0.9868	0.9520	0.9372	0.9882	0.9506	0.9876
9.7	0.9502	0.9889	0.9617	0.9400	0.9904	0.9614	0.9910
9.8	0.9321	0.9906	0.9626	0.9064	0.9912	0.9634	0.9934
9.9	0.9515	0.9914	0.9824	0.9281	0.9894	0.9841	0.9937
10.0	0.9220	0.9804	0.9793	0.8933	0.9666	0.9820	0.9911
10.1	0.9106	0.9915	0.9787	0.8922	0.9840	0.9831	0.9947
10.2	0.9395	0.9938	0.9806	0.9098	0.9944	0.9841	0.9960
10.3	0.9566	0.9943	0.9834	0.9475	0.9932	0.9857	0.9966
10.4	0.9509	0.9943	0.9722	0.9489	0.9928	0.9799	0.9970
10.5	0.9492	0.9940	0.9656	0.9447	0.9896	0.9845	0.9957
10.6	0.9284	0.9946	0.9419	0.9348	0.9913	0.9817	0.9952
10.7	0.9261	0.9947	0.9351	0.9370	0.9925	0.9856	0.9970
10.8	0.9260	0.9947	0.9050	0.9484	0.9935	0.9872	0.9975
10.9	0.9395	0.9949	0.8412	0.9543	0.9951	0.9836	0.9969
11.0	0.9419	0.9943	0.7009	0.9695	0.9930	0.9820	0.9972
11.1	0.9579	0.9943	0.5648	0.9792	0.9932	0.9877	0.9973
11.2	0.9710	0.9962	0.6044	0.9830	0.9952	0.9898	0.9977
11.3	0.9795	0.9960	0.6574	0.9882	0.9949	0.9868	0.9973
11.4	0.9803	0.9959	0.7102	0.9858	0.9951	0.9887	0.9975
11.5	0.9851	0.9970	0.8207	0.9882	0.9967	0.9908	0.9980
11.6	0.9828	0.9957	0.8128	0.9877	0.9955	0.9875	0.9967
11.7	0.9844	0.9963	0.8763	0.9917	0.9963	0.9881	0.9977
11.8	0.9908	0.9962	0.8611	0.9924	0.9960	0.9889	0.9973
11.9	0.9907	0.9960	0.8650	0.9943	0.9960	0.9912	0.9973
12.0	0.9904	0.9966	0.8829	0.9953	0.9961	0.9927	0.9981
12.1	0.9934	0.9968	0.8985	0.9950	0.9965	0.9926	0.9976
12.2	0.9906	0.9956	0.9226	0.9953	0.9956	0.9920	0.9969
12.3	0.9875	0.9950	0.9170	0.9954	0.9955	0.9927	0.9977
12.4	0.9865	0.9955	0.9106	0.9946	0.9953	0.9919	0.9973
12.5	0.9826	0.9953	0.9330	0.9950	0.9951	0.9947	0.9971
12.6	0.9873	0.9973	0.9642	0.9970	0.9978	0.9966	0.9984
12.7	0.9885	0.9973	0.9717	0.9963	0.9974	0.9965	0.9987
12.8	0.9901	0.9968	0.9764	0.9968	0.9967	0.9950	0.9989
12.9	0.9910	0.9969	0.9720	0.9956	0.9967	0.9944	0.9992
13.0	0.9923	0.9959	0.9717	0.9943	0.9956	0.9937	0.9991
13.1	0.9946	0.9951	0.9709	0.9941	0.9946	0.9934	0.9986
13.2	0.9966	0.9954	0.9750	0.9946	0.9959	0.9951	0.9985
13.3	0.9955	0.9923	0.9685	0.9921	0.9922	0.9941	0.9973
13.4	0.9968	0.9947	0.9754	0.9935	0.9937	0.9957	0.9976
13.5	0.9964	0.9950	0.9738	0.9904	0.9951	0.9954	0.9979
13.6	0.9959	0.9943	0.9769	0.9939	0.9944	0.9953	0.9976
13.7	0.9957	0.9959	0.9775	0.9956	0.9954	0.9952	0.9980
13.8	0.9965	0.9960	0.9737	0.9962	0.9954	0.9951	0.9980
13.9	0.9970	0.9955	0.9784	0.9963	0.9953	0.9952	0.9975
14.0	0.9957	0.9947	0.9728	0.9952	0.9951	0.9913	0.9966
14.1	0.9962	0.9965	0.9706	0.9966	0.9966	0.9923	0.9971
14.2	0.9959	0.9951	0.9734	0.9965	0.9952	0.9901	0.9957
14.3	0.9958	0.9951	0.9757	0.9959	0.9954	0.9926	0.9954
14.4	0.9979	0.9962	0.9819	0.9976	0.9967	0.9941	0.9964
14.5	0.9957	0.9944	0.9728	0.9968	0.9947	0.9907	0.9944
14.6	0.9966	0.9952	0.9785	0.9973	0.9955	0.9917	0.9956
14.7	0.9970	0.9957	0.9747	0.9973	0.9960	0.9948	0.9968
14.8	0.9949	0.9942	0.9634	0.9947	0.9947	0.9902	0.9958
14.9	0.9967	0.9961	0.9782	0.9952	0.9965	0.9924	0.9977
15.0	0.9974	0.9955	0.9775	0.9945	0.9957	0.9919	0.9952
15.1	0.9979	0.9954	0.9721	0.9961	0.9955	0.9908	0.9949
15.2	0.9974	0.9940	0.9655	0.9948	0.9941	0.9893	0.9917
15.3	0.9954	0.9875	0.9483	0.9914	0.9876	0.9884	0.9854
15.4	0.9947	0.9834	0.9556	0.9901	0.9838	0.9867	0.9825
15.5	0.9959	0.9870	0.9677	0.9945	0.9872	0.9895	0.9856
15.6	0.9943	0.9745	0.9557	0.9911	0.9758	0.9738	0.9710
15.7	0.9937	0.9792	0.9648	0.9919	0.9797	0.9835	0.9785
15.8	0.9889	0.9717	0.9552	0.9884	0.9724	0.9828	0.9705
15.9	0.9879	0.9735	0.9596	0.9887	0.9736	0.9860	0.9723
16.0	0.9907	0.9768	0.9710	0.9927	0.9768	0.9865	0.9773
16.1	0.9922	0.9852	0.9806	0.9935	0.9851	0.9918	0.9859
16.2	0.9887	0.9801	0.9781	0.9905	0.9802	0.9853	0.9826
16.3	0.9919	0.9888	0.9870	0.9922	0.9889	0.9881	0.9904
16.4	0.9875	0.9852	0.9795	0.9883	0.9858	0.9757	0.9908
16.5	0.9853	0.9815	0.9760	0.9861	0.9826	0.9759	0.9912

16.6	0.9897	0.9842	0.9857	0.9897	0.9857	0.9855	0.9939
16.7	0.9894	0.9878	0.9834	0.9886	0.9894	0.9859	0.9960
16.8	0.9790	0.9807	0.9680	0.9773	0.9824	0.9729	0.9938
16.9	0.9814	0.9881	0.9725	0.9802	0.9887	0.9748	0.9920
17.0	0.9879	0.9948	0.9772	0.9877	0.9954	0.9832	0.9960
17.1	0.9879	0.9898	0.9816	0.9874	0.9907	0.9894	0.9949
17.2	0.9818	0.9897	0.9769	0.9812	0.9904	0.9865	0.9924
17.3	0.9840	0.9941	0.9833	0.9840	0.9943	0.9875	0.9942
17.4	0.9930	0.9984	0.9923	0.9931	0.9984	0.9950	0.9970
17.5	0.9925	0.9975	0.9882	0.9926	0.9975	0.9952	0.9984
17.6	0.9906	0.9971	0.9876	0.9910	0.9970	0.9938	0.9978
17.7	0.9904	0.9978	0.9880	0.9909	0.9978	0.9929	0.9980
17.8	0.9928	0.9990	0.9901	0.9930	0.9990	0.9941	0.9983
17.9	0.9932	0.9991	0.9908	0.9935	0.9991	0.9949	0.9985
18.0	0.9930	0.9990	0.9881	0.9935	0.9989	0.9948	0.9987
18.1	0.9923	0.9986	0.9871	0.9928	0.9986	0.9942	0.9986
18.2	0.9951	0.9991	0.9918	0.9955	0.9991	0.9952	0.9989
18.3	0.9964	0.9994	0.9941	0.9966	0.9993	0.9962	0.9991
18.4	0.9965	0.9994	0.9950	0.9968	0.9993	0.9971	0.9993
18.5	0.9974	0.9993	0.9934	0.9977	0.9993	0.9977	0.9990
18.6	0.9958	0.9990	0.9887	0.9959	0.9989	0.9973	0.9983
18.7	0.9940	0.9987	0.9906	0.9939	0.9986	0.9948	0.9981
18.8	0.9958	0.9988	0.9932	0.9955	0.9986	0.9962	0.9985
18.9	0.9973	0.9991	0.9957	0.9974	0.9991	0.9980	0.9989
19.0	0.9979	0.9991	0.9974	0.9979	0.9990	0.9983	0.9991
19.1	0.9978	0.9990	0.9967	0.9979	0.9989	0.9991	0.9992
19.2	0.9976	0.9991	0.9954	0.9980	0.9990	0.9990	0.9993
19.3	0.9969	0.9990	0.9954	0.9975	0.9989	0.9992	0.9994
19.4	0.9978	0.9991	0.9958	0.9983	0.9990	0.9993	0.9994
19.5	0.9971	0.9979	0.9960	0.9978	0.9979	0.9993	0.9993
19.6	0.9959	0.9969	0.9919	0.9970	0.9969	0.9986	0.9989
19.7	0.9958	0.9981	0.9912	0.9965	0.9982	0.9987	0.9988
19.8	0.9965	0.9986	0.9930	0.9970	0.9986	0.9989	0.9991
19.9	0.9946	0.9973	0.9899	0.9955	0.9973	0.9984	0.9987
20.0	0.9962	0.9976	0.9925	0.9968	0.9975	0.9990	0.9988
20.1	0.9965	0.9966	0.9899	0.9972	0.9964	0.9987	0.9988
20.2	0.9956	0.9963	0.9898	0.9962	0.9963	0.9986	0.9988
20.3	0.9967	0.9963	0.9933	0.9971	0.9963	0.9990	0.9991
20.4	0.9963	0.9956	0.9935	0.9970	0.9957	0.9993	0.9990
20.5	0.9966	0.9946	0.9924	0.9974	0.9947	0.9991	0.9988
20.6	0.9961	0.9924	0.9905	0.9967	0.9925	0.9985	0.9978
20.7	0.9955	0.9887	0.9907	0.9959	0.9890	0.9984	0.9973
20.8	0.9970	0.9896	0.9918	0.9976	0.9897	0.9987	0.9976
20.9	0.9970	0.9832	0.9914	0.9976	0.9834	0.9985	0.9964
21.0	0.9973	0.9877	0.9904	0.9976	0.9878	0.9988	0.9970
21.1	0.9979	0.9870	0.9934	0.9982	0.9868	0.9988	0.9970
21.2	0.9984	0.9828	0.9926	0.9985	0.9825	0.9987	0.9964
21.3	0.9986	0.9786	0.9932	0.9989	0.9785	0.9988	0.9956
21.4	0.9985	0.9810	0.9931	0.9987	0.9810	0.9987	0.9961
21.5	0.9984	0.9750	0.9899	0.9986	0.9744	0.9985	0.9950
21.6	0.9985	0.9662	0.9881	0.9987	0.9652	0.9973	0.9932
21.7	0.9985	0.9675	0.9839	0.9988	0.9667	0.9971	0.9924
21.8	0.9981	0.9680	0.9837	0.9984	0.9668	0.9975	0.9924
21.9	0.9980	0.9681	0.9845	0.9985	0.9673	0.9980	0.9916
22.0	0.9978	0.9600	0.9837	0.9986	0.9590	0.9981	0.9906
22.1	0.9974	0.9527	0.9845	0.9988	0.9514	0.9978	0.9885
22.2	0.9978	0.9657	0.9840	0.9990	0.9648	0.9981	0.9898
22.3	0.9973	0.9575	0.9828	0.9988	0.9565	0.9974	0.9864
22.4	0.9973	0.9685	0.9870	0.9988	0.9676	0.9976	0.9877
22.5	0.9967	0.9693	0.9851	0.9990	0.9688	0.9981	0.9858
22.6	0.9952	0.9660	0.9816	0.9990	0.9659	0.9975	0.9802
22.7	0.9954	0.9705	0.9808	0.9988	0.9701	0.9974	0.9816
22.8	0.9957	0.9733	0.9820	0.9986	0.9732	0.9973	0.9784
22.9	0.9952	0.9733	0.9763	0.9985	0.9732	0.9974	0.9764
23.0	0.9958	0.9796	0.9779	0.9982	0.9796	0.9980	0.9772
23.1	0.9960	0.9805	0.9716	0.9987	0.9803	0.9983	0.9714
23.2	0.9970	0.9855	0.9747	0.9990	0.9853	0.9987	0.9745
23.3	0.9968	0.9821	0.9680	0.9989	0.9819	0.9987	0.9666
23.4	0.9972	0.9843	0.9615	0.9991	0.9837	0.9985	0.9638
23.5	0.9981	0.9867	0.9654	0.9993	0.9861	0.9990	0.9707
23.6	0.9982	0.9905	0.9549	0.9993	0.9902	0.9993	0.9676
23.7	0.9987	0.9875	0.9381	0.9991	0.9868	0.9992	0.9732
23.8	0.9988	0.9887	0.9309	0.9992	0.9878	0.9992	0.9812
23.9	0.9989	0.9900	0.9123	0.9994	0.9893	0.9992	0.9847
24.0	0.9990	0.9896	0.9280	0.9994	0.9887	0.9993	0.9871
24.1	0.9987	0.9885	0.9078	0.9992	0.9871	0.9992	0.9885
24.2	0.9986	0.9871	0.8872	0.9990	0.9852	0.9993	0.9899
24.3	0.9980	0.9866	0.8938	0.9988	0.9842	0.9991	0.9917
24.4	0.9986	0.9937	0.9448	0.9991	0.9927	0.9994	0.9960
24.5	0.9989	0.9888	0.9689	0.9992	0.9867	0.9993	0.9959
24.6	0.9990	0.9899	0.9791	0.9992	0.9878	0.9991	0.9958
24.7	0.9991	0.9886	0.9809	0.9991	0.9860	0.9991	0.9965
24.8	0.9992	0.9830	0.9765	0.9990	0.9785	0.9991	0.9966
24.9	0.9991	0.9840	0.9818	0.9990	0.9786	0.9989	0.9965
25.0	0.9994	0.9870	0.9872	0.9994	0.9813	0.9991	0.9979
25.1	0.9993	0.9833	0.9844	0.9992	0.9765	0.9989	0.9971

25.2	0.9995	0.9872	0.9917	0.9994	0.9805	0.9991	0.9979
25.3	0.9994	0.9903	0.9921	0.9994	0.9866	0.9992	0.9985
25.4	0.9991	0.9863	0.9871	0.9991	0.9789	0.9986	0.9971
25.5	0.9990	0.9827	0.9906	0.9991	0.9701	0.9984	0.9977
25.6	0.9980	0.9750	0.9885	0.9984	0.9602	0.9984	0.9972
25.7	0.9979	0.9735	0.9914	0.9985	0.9602	0.9985	0.9975
25.8	0.9991	0.9641	0.9929	0.9993	0.9449	0.9989	0.9980
25.9	0.9994	0.9646	0.9940	0.9995	0.9406	0.9986	0.9976
26.0	0.9992	0.9608	0.9925	0.9992	0.9365	0.9990	0.9978
26.1	0.9990	0.9396	0.9913	0.9989	0.9115	0.9990	0.9974
26.2	0.9990	0.9601	0.9911	0.9989	0.9356	0.9986	0.9972
26.3	0.9991	0.9761	0.9931	0.9992	0.9656	0.9988	0.9982
26.4	0.9990	0.9756	0.9919	0.9993	0.9633	0.9988	0.9981
26.5	0.9992	0.9809	0.9947	0.9995	0.9712	0.9986	0.9985
26.6	0.9993	0.9743	0.9955	0.9993	0.9628	0.9982	0.9987
26.7	0.9990	0.9747	0.9972	0.9991	0.9622	0.9985	0.9985
26.8	0.9993	0.9776	0.9985	0.9995	0.9669	0.9986	0.9988
26.9	0.9996	0.9607	0.9988	0.9997	0.9434	0.9984	0.9984
27.0	0.9995	0.9558	0.9985	0.9996	0.9354	0.9983	0.9983
27.1	0.9995	0.9554	0.9974	0.9996	0.9315	0.9969	0.9967
27.2	0.9993	0.9459	0.9956	0.9994	0.9000	0.9952	0.9948
27.3	0.9991	0.9384	0.9959	0.9991	0.8869	0.9956	0.9953
27.4	0.9990	0.9397	0.9950	0.9989	0.9036	0.9948	0.9944
27.5	0.9993	0.9689	0.9970	0.9993	0.9522	0.9961	0.9961
27.6	0.9991	0.9668	0.9965	0.9992	0.9526	0.9952	0.9954
27.7	0.9990	0.9748	0.9957	0.9993	0.9637	0.9944	0.9946
27.8	0.9991	0.9781	0.9957	0.9992	0.9679	0.9940	0.9946
27.9	0.9991	0.9844	0.9957	0.9993	0.9768	0.9929	0.9942
28.0	0.9987	0.9854	0.9950	0.9991	0.9779	0.9914	0.9932
28.1	0.9988	0.9878	0.9949	0.9990	0.9800	0.9902	0.9928
28.2	0.9990	0.9886	0.9946	0.9993	0.9809	0.9886	0.9917
28.3	0.9993	0.9907	0.9960	0.9996	0.9840	0.9908	0.9934
28.4	0.9996	0.9917	0.9954	0.9997	0.9851	0.9893	0.9928
28.5	0.9988	0.9900	0.9920	0.9991	0.9828	0.9808	0.9874
28.6	0.9989	0.9896	0.9926	0.9993	0.9823	0.9770	0.9855
28.7	0.9991	0.9888	0.9925	0.9993	0.9805	0.9769	0.9857
28.8	0.9992	0.9907	0.9916	0.9994	0.9833	0.9766	0.9838
28.9	0.9991	0.9873	0.9935	0.9994	0.9768	0.9818	0.9876
29.0	0.9989	0.9871	0.9897	0.9992	0.9789	0.9749	0.9788
29.1	0.9987	0.9860	0.9903	0.9991	0.9800	0.9730	0.9765
29.2	0.9986	0.9846	0.9893	0.9991	0.9769	0.9686	0.9730
29.3	0.9990	0.9864	0.9902	0.9993	0.9775	0.9742	0.9769
29.4	0.9988	0.9886	0.9886	0.9993	0.9818	0.9722	0.9710
29.5	0.9986	0.9885	0.9889	0.9994	0.9813	0.9803	0.9771
29.6	0.9990	0.9883	0.9932	0.9995	0.9805	0.9850	0.9855
29.7	0.9989	0.9849	0.9920	0.9993	0.9778	0.9841	0.9843
29.8	0.9989	0.9865	0.9937	0.9993	0.9825	0.9881	0.9876
29.9	0.9944	0.9840	0.9837	0.9971	0.9816	0.9833	0.9836
30.0	0.9955	0.9851	0.9893	0.9982	0.9805	0.9891	0.9883
30.1	0.9988	0.9841	0.9957	0.9992	0.9792	0.9940	0.9939
30.2	0.9985	0.9798	0.9956	0.9990	0.9722	0.9938	0.9929
30.3	0.9983	0.9799	0.9947	0.9988	0.9729	0.9891	0.9920
30.4	0.9978	0.9794	0.9936	0.9991	0.9754	0.9906	0.9925
30.5	0.9966	0.9794	0.9936	0.9990	0.9739	0.9920	0.9948
30.6	0.9962	0.9780	0.9923	0.9990	0.9734	0.9898	0.9930
30.7	0.9957	0.9766	0.9947	0.9989	0.9763	0.9923	0.9940
30.8	0.9963	0.9862	0.9955	0.9992	0.9835	0.9945	0.9959
30.9	0.9973	0.9892	0.9967	0.9988	0.9866	0.9953	0.9951
31.0	0.9945	0.9812	0.9952	0.9982	0.9757	0.9929	0.9940
31.1	0.9926	0.9797	0.9943	0.9980	0.9766	0.9938	0.9957
31.2	0.9918	0.9741	0.9941	0.9977	0.9738	0.9943	0.9951
31.3	0.9930	0.9841	0.9957	0.9985	0.9824	0.9965	0.9963
31.4	0.9903	0.9851	0.9957	0.9983	0.9821	0.9961	0.9957
31.5	0.9872	0.9801	0.9946	0.9980	0.9751	0.9959	0.9958
31.6	0.9850	0.9772	0.9948	0.9974	0.9721	0.9963	0.9952
31.7	0.9857	0.9839	0.9962	0.9971	0.9799	0.9970	0.9957
31.8	0.9891	0.9849	0.9961	0.9968	0.9812	0.9966	0.9958
31.9	0.9875	0.9813	0.9956	0.9959	0.9739	0.9964	0.9957
32.0	0.9816	0.9752	0.9936	0.9943	0.9673	0.9951	0.9948
32.1	0.9842	0.9649	0.9923	0.9928	0.9552	0.9939	0.9941
32.2	0.9854	0.9553	0.9914	0.9926	0.9440	0.9922	0.9941
32.3	0.9847	0.9353	0.9877	0.9894	0.9226	0.9876	0.9908
32.4	0.9893	0.9518	0.9923	0.9910	0.9424	0.9918	0.9939
32.5	0.9901	0.9517	0.9940	0.9900	0.9334	0.9934	0.9954
32.6	0.9912	0.9482	0.9948	0.9914	0.9305	0.9941	0.9960
32.7	0.9918	0.9382	0.9942	0.9934	0.9200	0.9929	0.9956
32.8	0.9928	0.9282	0.9939	0.9929	0.9147	0.9916	0.9951
32.9	0.9924	0.9272	0.9924	0.9908	0.9120	0.9882	0.9941
33.0	0.9907	0.9227	0.9935	0.9933	0.9058	0.9898	0.9942
33.1	0.9919	0.9013	0.9940	0.9944	0.8840	0.9896	0.9954
33.2	0.9953	0.9097	0.9956	0.9957	0.9022	0.9918	0.9968
33.3	0.9953	0.8795	0.9949	0.9950	0.8881	0.9910	0.9963
33.4	0.9962	0.8564	0.9962	0.9958	0.8772	0.9928	0.9967
33.5	0.9949	0.7433	0.9958	0.9956	0.7753	0.9923	0.9967
33.6	0.9951	0.6111	0.9950	0.9969	0.6900	0.9894	0.9963
33.7	0.9935	0.5299	0.9946	0.9961	0.5771	0.9857	0.9943

33.8	0.9930	0.4208	0.9934	0.9939	0.2519	0.9805	0.9922
33.9	0.9952	0.6119	0.9932	0.9947	0.0957	0.9810	0.9941
34.0	0.9942	0.7270	0.9917	0.9942	0.2743	0.9789	0.9938
34.1	0.9920	0.7619	0.9895	0.9916	0.4334	0.9728	0.9904
34.2	0.9906	0.8163	0.9908	0.9912	0.5763	0.9776	0.9913
34.3	0.9934	0.9043	0.9930	0.9932	0.7684	0.9825	0.9928
34.4	0.9958	0.9214	0.9944	0.9952	0.8254	0.9866	0.9945
34.5	0.9960	0.9165	0.9934	0.9953	0.8287	0.9843	0.9934
34.6	0.9963	0.9088	0.9925	0.9952	0.8005	0.9832	0.9940
34.7	0.9969	0.9232	0.9940	0.9962	0.8333	0.9872	0.9954
34.8	0.9964	0.8980	0.9918	0.9964	0.7237	0.9845	0.9951
34.9	0.9973	0.8987	0.9937	0.9970	0.6646	0.9882	0.9961
35.0	0.9979	0.9052	0.9937	0.9981	0.6665	0.9855	0.9958
35.1	0.9965	0.8733	0.9843	0.9970	0.5832	0.9645	0.9920
35.2	0.9974	0.9279	0.9887	0.9974	0.7885	0.9757	0.9955
35.3	0.9975	0.9453	0.9828	0.9970	0.8553	0.9606	0.9951
35.4	0.9973	0.9307	0.9832	0.9976	0.8499	0.9404	0.9940
35.5	0.9973	0.9549	0.9839	0.9976	0.9143	0.9490	0.9940
35.6	0.9983	0.9771	0.9859	0.9981	0.9540	0.9542	0.9936
35.7	0.9975	0.9717	0.9828	0.9970	0.9493	0.9509	0.9907
35.8	0.9976	0.9801	0.9858	0.9975	0.9616	0.9571	0.9879
35.9	0.9976	0.9782	0.9882	0.9971	0.9614	0.9703	0.9892
36.0	0.9977	0.9661	0.9877	0.9976	0.9509	0.9657	0.9874
36.1	0.9979	0.9719	0.9889	0.9975	0.9611	0.9780	0.9863
36.2	0.9980	0.9771	0.9907	0.9973	0.9639	0.9799	0.9880
36.3	0.9983	0.9805	0.9940	0.9981	0.9725	0.9870	0.9924
36.4	0.9986	0.9762	0.9940	0.9987	0.9640	0.9869	0.9890
36.5	0.9981	0.9781	0.9934	0.9986	0.9642	0.9810	0.9824
36.6	0.9984	0.9816	0.9954	0.9985	0.9667	0.9901	0.9887
36.7	0.9985	0.9800	0.9945	0.9988	0.9634	0.9878	0.9857
36.8	0.9988	0.9827	0.9952	0.9990	0.9670	0.9895	0.9878
36.9	0.9982	0.9864	0.9938	0.9985	0.9707	0.9872	0.9816
37.0	0.9985	0.9872	0.9945	0.9985	0.9754	0.9880	0.9844
37.1	0.9984	0.9857	0.9938	0.9983	0.9726	0.9875	0.9835
37.2	0.9978	0.9819	0.9945	0.9977	0.9703	0.9864	0.9786
37.3	0.9976	0.9865	0.9949	0.9977	0.9773	0.9824	0.9753
37.4	0.9983	0.9899	0.9966	0.9983	0.9820	0.9885	0.9801
37.5	0.9987	0.9913	0.9968	0.9986	0.9853	0.9883	0.9778
37.6	0.9984	0.9912	0.9960	0.9984	0.9862	0.9884	0.9745
37.7	0.9970	0.9897	0.9947	0.9969	0.9865	0.9821	0.9511
37.8	0.9977	0.9937	0.9951	0.9976	0.9918	0.9785	0.9137
37.9	0.9973	0.9917	0.9927	0.9971	0.9901	0.9714	0.8554
38.0	0.9978	0.9941	0.9938	0.9976	0.9921	0.9801	0.9188
38.1	0.9974	0.9935	0.9956	0.9971	0.9919	0.9789	0.9651
38.2	0.9979	0.9942	0.9922	0.9977	0.9935	0.9672	0.9660
38.3	0.9984	0.9956	0.9903	0.9985	0.9948	0.9608	0.9584
38.4	0.9980	0.9941	0.9882	0.9981	0.9932	0.9569	0.9543
38.5	0.9985	0.9965	0.9886	0.9986	0.9958	0.9625	0.9665
38.6	0.9984	0.9961	0.9912	0.9983	0.9950	0.9561	0.9681
38.7	0.9986	0.9966	0.9891	0.9985	0.9958	0.9401	0.9674
38.8	0.9981	0.9961	0.9914	0.9982	0.9957	0.9521	0.9731
38.9	0.9977	0.9961	0.9887	0.9979	0.9950	0.9327	0.9765
39.0	0.9979	0.9969	0.9931	0.9981	0.9965	0.9247	0.9808
39.1	0.9987	0.9970	0.9950	0.9990	0.9974	0.9422	0.9855
39.2	0.9980	0.9963	0.9923	0.9986	0.9963	0.9161	0.9803
39.3	0.9981	0.9971	0.9951	0.9987	0.9961	0.9450	0.9879
39.4	0.9971	0.9938	0.9924	0.9980	0.9885	0.9151	0.9882
39.5	0.9975	0.9942	0.9940	0.9983	0.9898	0.9143	0.9895
39.6	0.9970	0.9885	0.9934	0.9983	0.9833	0.8779	0.9870
39.7	0.9964	0.9815	0.9944	0.9983	0.9762	0.8534	0.9800
39.8	0.9968	0.9908	0.9960	0.9987	0.9870	0.9011	0.9862
39.9	0.9966	0.9935	0.9956	0.9985	0.9909	0.9178	0.9920
40.0	0.9968	0.9956	0.9972	0.9983	0.9939	0.9495	0.9922
40.1	0.9969	0.9953	0.9965	0.9986	0.9937	0.9347	0.9923
40.2	0.9957	0.9930	0.9951	0.9982	0.9897	0.9099	0.9914
40.3	0.9955	0.9918	0.9957	0.9982	0.9884	0.9064	0.9900
40.4	0.9954	0.9916	0.9948	0.9983	0.9886	0.8712	0.9909
40.5	0.9955	0.9922	0.9933	0.9984	0.9882	0.8604	0.9907
40.6	0.9965	0.9917	0.9953	0.9986	0.9880	0.8980	0.9894
40.7	0.9952	0.9885	0.9919	0.9982	0.9851	0.8341	0.9895
40.8	0.9933	0.9891	0.9904	0.9977	0.9841	0.7880	0.9850
40.9	0.9923	0.9873	0.9935	0.9980	0.9825	0.8143	0.9872
41.0	0.9898	0.9725	0.9893	0.9971	0.9654	0.7504	0.9737
41.1	0.9944	0.9720	0.9908	0.9985	0.9666	0.8167	0.9823
41.2	0.9939	0.9746	0.9909	0.9980	0.9672	0.8365	0.9870
41.3	0.9917	0.9665	0.9883	0.9977	0.9560	0.8285	0.9852
41.4	0.9898	0.9531	0.9849	0.9977	0.9427	0.7784	0.9763
41.5	0.9908	0.9645	0.9863	0.9976	0.9570	0.8219	0.9790
41.6	0.9929	0.9675	0.9881	0.9983	0.9605	0.8499	0.9818
41.7	0.9884	0.9527	0.9869	0.9982	0.9432	0.8421	0.9754
41.8	0.9784	0.9376	0.9749	0.9959	0.9253	0.7375	0.9616
41.9	0.9816	0.9302	0.9769	0.9971	0.9194	0.7953	0.9625
42.0	0.9862	0.9378	0.9777	0.9971	0.9301	0.8413	0.9719
42.1	0.9791	0.9301	0.9775	0.9972	0.9176	0.8208	0.9608
42.2	0.9707	0.8593	0.9683	0.9950	0.8344	0.7488	0.9348
42.3	0.9757	0.8780	0.9778	0.9983	0.8610	0.7428	0.9636

42.4	0.9672	0.8312	0.9706	0.9975	0.7937	0.7007	0.9623
42.5	0.9530	0.7893	0.9566	0.9953	0.7358	0.6128	0.9568
42.6	0.9617	0.8313	0.9614	0.9966	0.7934	0.7170	0.9675
42.7	0.9563	0.8353	0.9669	0.9972	0.7990	0.7779	0.9687
42.8	0.9687	0.8960	0.9778	0.9970	0.8625	0.8591	0.9759
42.9	0.9668	0.8675	0.9795	0.9969	0.8318	0.8619	0.9771
43.0	0.9508	0.7197	0.9736	0.9954	0.6512	0.8279	0.9701
43.1	0.9450	0.6645	0.9715	0.9958	0.5492	0.8183	0.9834
43.2	0.9503	0.7267	0.9707	0.9969	0.6317	0.8415	0.9884
43.3	0.9587	0.8403	0.9602	0.9965	0.7805	0.8385	0.9820
43.4	0.9714	0.8725	0.9644	0.9958	0.8224	0.8565	0.9782
43.5	0.9619	0.8075	0.9625	0.9958	0.7266	0.8660	0.9740
43.6	0.9579	0.7417	0.9680	0.9972	0.6275	0.8748	0.9767
43.7	0.9603	0.7686	0.9780	0.9974	0.6564	0.8998	0.9811
43.8	0.9550	0.8374	0.9791	0.9962	0.7512	0.9098	0.9808
43.9	0.9588	0.8546	0.9818	0.9960	0.7793	0.9224	0.9822
44.0	0.9565	0.8400	0.9638	0.9923	0.7692	0.8744	0.9640
44.1	0.9474	0.7492	0.9112	0.9891	0.6138	0.8562	0.9567
44.2	0.9459	0.7256	0.9229	0.9911	0.5752	0.8952	0.9626
44.3	0.9420	0.7573	0.9683	0.9857	0.6420	0.8952	0.9511
44.4	0.9415	0.6416	0.9707	0.9894	0.5003	0.8810	0.9559
44.5	0.9480	0.6395	0.9509	0.9907	0.5188	0.8642	0.9556
44.6	0.9303	0.5780	0.9402	0.9872	0.4479	0.8668	0.9529
44.7	0.9405	0.6293	0.9731	0.9917	0.5101	0.8910	0.9591
44.8	0.9547	0.7379	0.9716	0.9927	0.6333	0.8624	0.9501
44.9	0.9094	0.7672	0.9712	0.9893	0.6871	0.8684	0.9158
45.0	0.9205	0.7327	0.9724	0.9892	0.6401	0.9004	0.9455
45.1	0.9532	0.6760	0.9860	0.9893	0.5687	0.8955	0.9703
45.2	0.9570	0.5902	0.9868	0.9903	0.4874	0.8619	0.9735
45.3	0.9622	0.7131	0.9795	0.9881	0.6684	0.8324	0.9624
45.4	0.9704	0.8577	0.9811	0.9913	0.8380	0.8889	0.9568
45.5	0.9699	0.8805	0.9769	0.9921	0.8617	0.9234	0.9618
45.6	0.9704	0.8876	0.9730	0.9902	0.8638	0.9175	0.9590
45.7	0.9702	0.8959	0.9745	0.9901	0.8688	0.9238	0.9502
45.8	0.9696	0.8664	0.9722	0.9910	0.8365	0.9449	0.9578
45.9	0.9747	0.8627	0.9760	0.9926	0.8306	0.9672	0.9624
46.0	0.9778	0.7939	0.9657	0.9913	0.7439	0.9603	0.9694
46.1	0.9678	0.6196	0.9447	0.9874	0.5263	0.9304	0.9361
46.2	0.9691	0.7359	0.9478	0.9886	0.7019	0.9183	0.9191
46.3	0.9777	0.7896	0.9394	0.9905	0.7565	0.9306	0.9574
46.4	0.9842	0.8359	0.9709	0.9948	0.7859	0.9716	0.9778
46.5	0.9842	0.7478	0.9592	0.9942	0.6551	0.9626	0.9691
46.6	0.9826	0.5922	0.9655	0.9949	0.4510	0.9599	0.9596
46.7	0.9838	0.2689	0.9829	0.9963	0.1863	0.9615	0.9459
46.8	0.9861	0.5842	0.9874	0.9955	0.6742	0.9355	0.9330
46.9	0.9863	0.8525	0.9930	0.9968	0.8783	0.9524	0.9556
47.0	0.9889	0.8860	0.9903	0.9963	0.9001	0.9426	0.9751
47.1	0.9902	0.9290	0.9881	0.9962	0.9274	0.9486	0.9828
47.2	0.9899	0.9359	0.9851	0.9958	0.9296	0.9531	0.9793
47.3	0.9889	0.9056	0.9772	0.9942	0.8781	0.9620	0.9852
47.4	0.9875	0.8753	0.9715	0.9949	0.8479	0.9595	0.9856
47.5	0.9815	0.8854	0.9736	0.9949	0.8919	0.9042	0.9720
47.6	0.9792	0.9175	0.9813	0.9959	0.9132	0.9487	0.9709
47.7	0.9869	0.9077	0.9889	0.9959	0.9134	0.9729	0.9840
47.8	0.9861	0.9393	0.9897	0.9966	0.9453	0.9737	0.9889
47.9	0.9870	0.9434	0.9876	0.9962	0.9441	0.9565	0.9885
48.0	0.9866	0.9236	0.9908	0.9971	0.9215	0.9689	0.9901
48.1	0.9888	0.8645	0.9921	0.9969	0.8808	0.9742	0.9919
48.2	0.9905	0.8784	0.9879	0.9963	0.8791	0.9624	0.9913
48.3	0.9835	0.8945	0.9720	0.9962	0.8727	0.9063	0.9891
48.4	0.9802	0.9217	0.9720	0.9965	0.9036	0.8534	0.9857
48.5	0.9879	0.9457	0.9723	0.9966	0.9361	0.8365	0.9883
48.6	0.9792	0.9462	0.9746	0.9950	0.9415	0.6814	0.9781
48.7	0.9703	0.9425	0.9817	0.9944	0.9382	0.7463	0.9751
48.8	0.9768	0.9512	0.9862	0.9963	0.9433	0.9175	0.9869
48.9	0.9795	0.9145	0.9783	0.9950	0.9031	0.8724	0.9855
49.0	0.9858	0.9242	0.9862	0.9949	0.9275	0.7944	0.9893
49.1	0.9779	0.9153	0.9807	0.9938	0.9081	0.5356	0.9911
49.2	0.9724	0.9586	0.9885	0.9933	0.9551	0.1631	0.9905
49.3	0.9837	0.9697	0.9937	0.9961	0.9713	0.1216	0.9934
49.4	0.9810	0.9558	0.9920	0.9958	0.9581	0.3185	0.9905
49.5	0.9702	0.9351	0.9877	0.9938	0.9375	0.2129	0.9869
49.6	0.9783	0.9641	0.9917	0.9952	0.9613	0.4152	0.9895
49.7	0.9727	0.9723	0.9938	0.9959	0.9700	0.8023	0.9895
49.8	0.9588	0.9607	0.9873	0.9943	0.9587	0.7675	0.9783
49.9	0.9217	0.9208	0.9733	0.9920	0.9111	0.5395	0.9722
50.0	0.9614	0.9646	0.9903	0.9947	0.9617	0.7118	0.9877
50.1	0.9663	0.9840	0.9951	0.9964	0.9827	0.8940	0.9909
50.2	0.9473	0.9825	0.9931	0.9952	0.9815	0.8778	0.9893
50.3	0.9335	0.9853	0.9942	0.9948	0.9845	0.9427	0.9898
50.4	0.9209	0.9859	0.9947	0.9954	0.9857	0.9543	0.9922
50.5	0.8654	0.9813	0.9935	0.9941	0.9787	0.9514	0.9859
50.6	0.8965	0.9797	0.9921	0.9952	0.9776	0.9491	0.9897
50.7	0.8978	0.9704	0.9885	0.9944	0.9663	0.9139	0.9866
50.8	0.9216	0.9786	0.9904	0.9953	0.9735	0.9314	0.9879
50.9	0.9138	0.9699	0.9888	0.9948	0.9658	0.9318	0.9794

51.0	0.7936	0.9224	0.9731	0.9859	0.9154	0.8305	0.9602
51.1	0.5614	0.8859	0.9490	0.9742	0.8743	0.7985	0.9405
51.2	0.4295	0.9278	0.9506	0.9856	0.9175	0.8717	0.9729
51.3	0.6532	0.8261	0.9322	0.9774	0.7892	0.6199	0.9496
51.4	0.8442	0.9387	0.9803	0.9887	0.9289	0.8760	0.9597
51.5	0.8215	0.9485	0.9842	0.9881	0.9437	0.9404	0.9716
51.6	0.8175	0.9677	0.9849	0.9885	0.9638	0.9610	0.9805
51.7	0.7769	0.9765	0.9869	0.9913	0.9722	0.9736	0.9834
51.8	0.5829	0.9684	0.9829	0.9930	0.9628	0.9649	0.9852
51.9	0.6005	0.9642	0.9832	0.9924	0.9611	0.9618	0.9885
52.0	0.7385	0.9768	0.9863	0.9937	0.9748	0.9728	0.9903
52.1	0.7431	0.9743	0.9865	0.9928	0.9727	0.9740	0.9819
52.2	0.8081	0.9815	0.9875	0.9942	0.9796	0.9821	0.9878
52.3	0.7044	0.9696	0.9761	0.9920	0.9656	0.9723	0.9842
52.4	0.4863	0.9633	0.9711	0.9902	0.9565	0.9615	0.9764
52.5	0.7353	0.9769	0.9828	0.9918	0.9739	0.9813	0.9893
52.6	0.6301	0.9689	0.9765	0.9932	0.9653	0.9791	0.9880
52.7	0.2938	0.9613	0.9687	0.9913	0.9547	0.9675	0.9797
52.8	0.1901	0.9524	0.9707	0.9884	0.9446	0.9589	0.9758
52.9	0.2500	0.8897	0.9343	0.9691	0.8738	0.8960	0.9299
53.0	0.7707	0.9530	0.9728	0.9785	0.9476	0.9476	0.9515
53.1	0.8249	0.9680	0.9772	0.9884	0.9635	0.9669	0.9808
53.2	0.7989	0.9561	0.9762	0.9844	0.9496	0.9682	0.9768
53.3	0.8724	0.9714	0.9826	0.9873	0.9676	0.9800	0.9830
53.4	0.8404	0.9633	0.9736	0.9863	0.9570	0.9761	0.9818
53.5	0.6521	0.9433	0.9570	0.9815	0.9343	0.9580	0.9774
53.6	0.7040	0.9400	0.9612	0.9779	0.9320	0.9507	0.9768
53.7	0.6976	0.9307	0.9345	0.9744	0.9204	0.9124	0.9717
53.8	0.7689	0.9301	0.9409	0.9701	0.9207	0.9079	0.9634
53.9	0.8981	0.9623	0.9735	0.9808	0.9583	0.9634	0.9782
54.0	0.9395	0.9788	0.9835	0.9903	0.9752	0.9820	0.9895
54.1	0.8874	0.9566	0.9594	0.9828	0.9525	0.9674	0.9803
54.2	0.8378	0.9399	0.9459	0.9781	0.9334	0.9434	0.9748
54.3	0.9188	0.9663	0.9693	0.9843	0.9615	0.9707	0.9838
54.4	0.9360	0.9645	0.9660	0.9768	0.9604	0.9741	0.9849
54.5	0.9460	0.9685	0.9743	0.9823	0.9642	0.9837	0.9862
54.6	0.9389	0.9665	0.9612	0.9877	0.9638	0.9832	0.9901
54.7	0.8797	0.9430	0.9289	0.9823	0.9358	0.9661	0.9868
54.8	0.8919	0.9511	0.9435	0.9803	0.9418	0.9637	0.9869
54.9	0.9548	0.9719	0.9608	0.9842	0.9677	0.9823	0.9911
55.0	0.9713	0.9814	0.9791	0.9882	0.9792	0.9912	0.9920
55.1	0.9730	0.9845	0.9854	0.9917	0.9827	0.9936	0.9941
55.2	0.9715	0.9859	0.9847	0.9917	0.9835	0.9939	0.9942
55.3	0.9705	0.9810	0.9782	0.9900	0.9781	0.9931	0.9929
55.4	0.9382	0.9670	0.9449	0.9840	0.9617	0.9861	0.9910
55.5	0.8930	0.9483	0.9093	0.9722	0.9412	0.9657	0.9839
55.6	0.9529	0.9735	0.9542	0.9848	0.9698	0.9849	0.9912
55.7	0.9786	0.9860	0.9780	0.9895	0.9846	0.9943	0.9948
55.8	0.9794	0.9877	0.9848	0.9909	0.9852	0.9962	0.9953
55.9	0.9739	0.9820	0.9697	0.9885	0.9784	0.9936	0.9941
56.0	0.8849	0.9240	0.8309	0.9525	0.9175	0.9563	0.9825
56.1	0.8963	0.9218	0.8494	0.9453	0.9177	0.9476	0.9791
56.2	0.9680	0.9733	0.9504	0.9801	0.9696	0.9871	0.9917
56.3	0.9820	0.9808	0.9775	0.9870	0.9780	0.9951	0.9945
56.4	0.9758	0.9759	0.9819	0.9852	0.9704	0.9947	0.9928
56.5	0.9808	0.9808	0.9838	0.9869	0.9760	0.9959	0.9933
56.6	0.9820	0.9811	0.9792	0.9900	0.9772	0.9972	0.9942
56.7	0.9817	0.9776	0.9783	0.9903	0.9735	0.9971	0.9950
56.8	0.9813	0.9718	0.9810	0.9830	0.9683	0.9962	0.9953
56.9	0.9824	0.9753	0.9828	0.9818	0.9711	0.9962	0.9962
57.0	0.9802	0.9676	0.9765	0.9823	0.9632	0.9962	0.9960
57.1	0.9445	0.9210	0.9349	0.9598	0.9102	0.9862	0.9926
57.2	0.9286	0.9194	0.8878	0.9564	0.9093	0.9744	0.9896
57.3	0.9799	0.9695	0.9560	0.9815	0.9627	0.9931	0.9942
57.4	0.9821	0.9687	0.9755	0.9815	0.9590	0.9950	0.9950
57.5	0.9840	0.9709	0.9777	0.9834	0.9646	0.9966	0.9945
57.6	0.9714	0.9431	0.9658	0.9679	0.9318	0.9938	0.9898
57.7	0.9664	0.9356	0.9673	0.9674	0.9282	0.9938	0.9903
57.8	0.9699	0.9374	0.9782	0.9777	0.9312	0.9957	0.9931
57.9	0.9784	0.9429	0.9791	0.9812	0.9357	0.9965	0.9932
58.0	0.9743	0.9266	0.9762	0.9676	0.9156	0.9955	0.9930
58.1	0.9692	0.9258	0.9822	0.9627	0.9091	0.9951	0.9911
58.2	0.9773	0.9395	0.9894	0.9737	0.9288	0.9969	0.9943
58.3	0.9747	0.9352	0.9885	0.9796	0.9243	0.9971	0.9942
58.4	0.9771	0.9373	0.9872	0.9706	0.9275	0.9961	0.9946
58.5	0.9770	0.9390	0.9903	0.9664	0.9325	0.9962	0.9942
58.6	0.9732	0.9341	0.9916	0.9682	0.9285	0.9962	0.9939
58.7	0.9787	0.9427	0.9919	0.9688	0.9369	0.9968	0.9953
58.8	0.9777	0.9494	0.9884	0.9698	0.9460	0.9961	0.9942
58.9	0.9725	0.9432	0.9883	0.9642	0.9390	0.9951	0.9912
59.0	0.9716	0.9168	0.9855	0.9655	0.9155	0.9960	0.9898
59.1	0.9770	0.9278	0.9883	0.9726	0.9237	0.9956	0.9919
59.2	0.9822	0.9444	0.9918	0.9695	0.9407	0.9963	0.9942
59.3	0.9804	0.9474	0.9928	0.9723	0.9435	0.9961	0.9930
59.4	0.9816	0.9523	0.9945	0.9755	0.9490	0.9965	0.9938
59.5	0.9707	0.9276	0.9933	0.9525	0.9246	0.9955	0.9912

59.6	0.9684	0.9209	0.9904	0.9200	0.9128	0.9945	0.9882
59.7	0.9739	0.9281	0.9924	0.8675	0.9264	0.9962	0.9905
59.8	0.9765	0.9241	0.9937	0.2399	0.9270	0.9954	0.9911
59.9	0.9713	0.9171	0.9919	0.0307	0.9218	0.9918	0.9883
60.0	0.9640	0.8978	0.9867	0.0251	0.9122	0.9874	0.9840
60.1	0.9718	0.9138	0.9909	0.0661	0.9127	0.9933	0.9869
60.2	0.9870	0.9647	0.9948	0.2330	0.9620	0.9963	0.9948
60.3	0.9866	0.9648	0.9934	0.8818	0.9636	0.9964	0.9947
60.4	0.9774	0.9392	0.9901	0.9023	0.9361	0.9953	0.9896
60.5	0.9824	0.9501	0.9928	0.9424	0.9457	0.9956	0.9918
60.6	0.9855	0.9663	0.9957	0.9573	0.9653	0.9968	0.9914
60.7	0.9867	0.9669	0.9952	0.9626	0.9658	0.9965	0.9922
60.8	0.9896	0.9741	0.9959	0.9690	0.9738	0.9968	0.9936
60.9	0.9905	0.9664	0.9961	0.9694	0.9658	0.9972	0.9937
61.0	0.9903	0.9669	0.9960	0.9686	0.9653	0.9974	0.9926
61.1	0.9854	0.9577	0.9961	0.9525	0.9519	0.9952	0.9899
61.2	0.9896	0.9699	0.9967	0.9589	0.9647	0.9964	0.9915
61.3	0.9881	0.9653	0.9957	0.9502	0.9637	0.9955	0.9891
61.4	0.9815	0.9402	0.9925	0.9279	0.9379	0.9936	0.9832
61.5	0.9909	0.9654	0.9957	0.9590	0.9654	0.9968	0.9890
61.6	0.9896	0.9656	0.9967	0.9610	0.9663	0.9967	0.9899
61.7	0.9891	0.9590	0.9959	0.9511	0.9590	0.9960	0.9885
61.8	0.9871	0.9492	0.9951	0.9285	0.9474	0.9957	0.9877
61.9	0.9895	0.9637	0.9955	0.9568	0.9612	0.9971	0.9889
62.0	0.9876	0.9665	0.9964	0.9520	0.9652	0.9969	0.9881
62.1	0.9809	0.9547	0.9958	0.9284	0.9536	0.9962	0.9854
62.2	0.9831	0.9513	0.9957	0.9153	0.9463	0.9965	0.9867
62.3	0.9873	0.9522	0.9963	0.9150	0.9455	0.9972	0.9860
62.4	0.9892	0.9562	0.9967	0.9188	0.9529	0.9971	0.9866
62.5	0.9888	0.9655	0.9967	0.9312	0.9624	0.9966	0.9865
62.6	0.9850	0.9649	0.9966	0.9264	0.9617	0.9963	0.9848
62.7	0.9874	0.9581	0.9961	0.9375	0.9547	0.9950	0.9823
62.8	0.9793	0.9431	0.9922	0.8962	0.9389	0.9930	0.9686
62.9	0.9857	0.9491	0.9934	0.9274	0.9464	0.9938	0.9762
63.0	0.9921	0.9712	0.9977	0.9551	0.9706	0.9966	0.9840
63.1	0.9899	0.9680	0.9975	0.9416	0.9652	0.9964	0.9836
63.2	0.9844	0.9512	0.9956	0.9352	0.9500	0.9955	0.9786
63.3	0.9858	0.9513	0.9964	0.9381	0.9497	0.9961	0.9809
63.4	0.9814	0.9302	0.9958	0.9334	0.9294	0.9957	0.9768
63.5	0.9888	0.9513	0.9964	0.9456	0.9500	0.9962	0.9855
63.6	0.9854	0.9463	0.9941	0.9288	0.9377	0.9946	0.9810
63.7	0.9867	0.9375	0.9942	0.9319	0.9269	0.9942	0.9799
63.8	0.9906	0.9476	0.9960	0.9421	0.9479	0.9945	0.9810
63.9	0.9911	0.9529	0.9959	0.9431	0.9532	0.9941	0.9810
64.0	0.9926	0.9595	0.9952	0.9424	0.9530	0.9954	0.9856
64.1	0.9931	0.9668	0.9942	0.9497	0.9590	0.9956	0.9834
64.2	0.9912	0.9612	0.9930	0.9414	0.9539	0.9932	0.9791
64.3	0.9883	0.9568	0.9944	0.9467	0.9517	0.9918	0.9742
64.4	0.9879	0.9632	0.9947	0.9465	0.9561	0.9915	0.9767
64.5	0.9883	0.9659	0.9923	0.9355	0.9579	0.9906	0.9781
64.6	0.9877	0.9747	0.9916	0.9444	0.9710	0.9916	0.9792
64.7	0.9866	0.9774	0.9925	0.9524	0.9758	0.9934	0.9862
64.8	0.9882	0.9808	0.9936	0.9606	0.9799	0.9935	0.9870
64.9	0.9870	0.9737	0.9940	0.9573	0.9734	0.9919	0.9824
65.0	0.9882	0.9808	0.9918	0.9499	0.9797	0.9936	0.9833
65.1	0.9884	0.9797	0.9902	0.9383	0.9771	0.9918	0.9811
65.2	0.9902	0.9777	0.9913	0.9518	0.9775	0.9915	0.9780
65.3	0.9912	0.9828	0.9922	0.9619	0.9811	0.9924	0.9866
65.4	0.9899	0.9860	0.9929	0.9601	0.9838	0.9929	0.9879
65.5	0.9877	0.9844	0.9926	0.9596	0.9820	0.9937	0.9863
65.6	0.9883	0.9864	0.9931	0.9600	0.9836	0.9935	0.9855
65.7	0.9907	0.9873	0.9951	0.9690	0.9870	0.9953	0.9879
65.8	0.9905	0.9892	0.9928	0.9742	0.9896	0.9938	0.9885
65.9	0.9893	0.9851	0.9920	0.9702	0.9845	0.9912	0.9864
66.0	0.9902	0.9835	0.9904	0.9686	0.9824	0.9899	0.9871
66.1	0.9895	0.9842	0.9889	0.9685	0.9840	0.9903	0.9849
66.2	0.9868	0.9823	0.9869	0.9649	0.9816	0.9879	0.9817
66.3	0.9886	0.9879	0.9895	0.9747	0.9875	0.9906	0.9852
66.4	0.9909	0.9895	0.9925	0.9781	0.9892	0.9929	0.9888
66.5	0.9917	0.9881	0.9927	0.9751	0.9876	0.9929	0.9902
66.6	0.9907	0.9895	0.9914	0.9794	0.9898	0.9929	0.9895
66.7	0.9921	0.9893	0.9884	0.9740	0.9888	0.9928	0.9900
66.8	0.9932	0.9873	0.9909	0.9736	0.9866	0.9923	0.9900
66.9	0.9933	0.9858	0.9887	0.9744	0.9853	0.9904	0.9902
67.0	0.9911	0.9860	0.9885	0.9730	0.9851	0.9887	0.9871
67.1	0.9929	0.9863	0.9888	0.9748	0.9863	0.9911	0.9887
67.2	0.9920	0.9897	0.9869	0.9789	0.9899	0.9908	0.9911
67.3	0.9944	0.9911	0.9904	0.9827	0.9909	0.9930	0.9903
67.4	0.9951	0.9887	0.9904	0.9813	0.9886	0.9932	0.9891
67.5	0.9923	0.9828	0.9875	0.9715	0.9830	0.9906	0.9870
67.6	0.9921	0.9850	0.9879	0.9711	0.9848	0.9885	0.9870
67.7	0.9945	0.9908	0.9888	0.9820	0.9909	0.9921	0.9907
67.8	0.9942	0.9895	0.9882	0.9809	0.9898	0.9925	0.9890
67.9	0.9936	0.9874	0.9859	0.9755	0.9874	0.9911	0.9887
68.0	0.9933	0.9888	0.9901	0.9794	0.9888	0.9930	0.9896
68.1	0.9914	0.9874	0.9871	0.9763	0.9880	0.9918	0.9901

68.2	0.9916	0.9850	0.9822	0.9706	0.9859	0.9908	0.9874
68.3	0.9926	0.9864	0.9851	0.9754	0.9877	0.9925	0.9886
68.4	0.9898	0.9856	0.9803	0.9744	0.9861	0.9898	0.9867
68.5	0.9915	0.9881	0.9825	0.9769	0.9881	0.9903	0.9890
68.6	0.9940	0.9905	0.9814	0.9793	0.9908	0.9909	0.9916
68.7	0.9918	0.9898	0.9755	0.9772	0.9904	0.9875	0.9870
68.8	0.9885	0.9870	0.9806	0.9795	0.9875	0.9886	0.9871
68.9	0.9931	0.9915	0.9854	0.9853	0.9918	0.9930	0.9926
69.0	0.9917	0.9899	0.9788	0.9851	0.9909	0.9909	0.9872
69.1	0.9906	0.9878	0.9804	0.9817	0.9891	0.9889	0.9857
69.2	0.9903	0.9874	0.9783	0.9800	0.9884	0.9897	0.9882
69.3	0.9921	0.9904	0.9826	0.9869	0.9909	0.9915	0.9907
69.4	0.9921	0.9892	0.9829	0.9840	0.9903	0.9921	0.9909
69.5	0.9894	0.9848	0.9706	0.9757	0.9857	0.9873	0.9863
69.6	0.9857	0.9799	0.9624	0.9658	0.9804	0.9812	0.9811
69.7	0.9904	0.9866	0.9719	0.9772	0.9875	0.9866	0.9857
69.8	0.9871	0.9822	0.9723	0.9709	0.9839	0.9867	0.9843
69.9	0.9791	0.9754	0.9686	0.9649	0.9774	0.9836	0.9769
70.0	0.9838	0.9805	0.9670	0.9739	0.9814	0.9814	0.9806
70.1	0.9846	0.9816	0.9654	0.9757	0.9830	0.9819	0.9810
70.2	0.9879	0.9828	0.9698	0.9723	0.9840	0.9841	0.9836
70.3	0.9880	0.9828	0.9689	0.9764	0.9842	0.9832	0.9851
70.4	0.9879	0.9837	0.9642	0.9775	0.9854	0.9806	0.9841
70.5	0.9907	0.9889	0.9677	0.9849	0.9905	0.9840	0.9903
70.6	0.9877	0.9838	0.9647	0.9776	0.9858	0.9785	0.9883
70.7	0.9847	0.9782	0.9581	0.9715	0.9804	0.9739	0.9838
70.8	0.9840	0.9780	0.9561	0.9683	0.9790	0.9722	0.9795
70.9	0.9865	0.9829	0.9623	0.9795	0.9846	0.9757	0.9853
71.0	0.9855	0.9825	0.9646	0.9801	0.9840	0.9770	0.9872
71.1	0.9847	0.9808	0.9676	0.9765	0.9822	0.9777	0.9845
71.2	0.9885	0.9870	0.9680	0.9814	0.9867	0.9784	0.9893
71.3	0.9865	0.9824	0.9665	0.9751	0.9831	0.9754	0.9853
71.4	0.9832	0.9810	0.9649	0.9755	0.9818	0.9740	0.9830
71.5	0.9838	0.9821	0.9664	0.9795	0.9840	0.9752	0.9837
71.6	0.9878	0.9858	0.9712	0.9806	0.9867	0.9782	0.9857
71.7	0.9890	0.9877	0.9732	0.9839	0.9878	0.9789	0.9871
71.8	0.9856	0.9830	0.9707	0.9796	0.9823	0.9754	0.9836
71.9	0.9847	0.9808	0.9677	0.9763	0.9804	0.9716	0.9852
72.0	0.9803	0.9767	0.9554	0.9697	0.9764	0.9623	0.9841
72.1	0.9826	0.9807	0.9582	0.9763	0.9811	0.9667	0.9842
72.2	0.9850	0.9815	0.9551	0.9774	0.9820	0.9624	0.9858
72.3	0.9827	0.9795	0.9660	0.9749	0.9801	0.9703	0.9795
72.4	0.9840	0.9808	0.9742	0.9719	0.9808	0.9748	0.9841
72.5	0.9811	0.9762	0.9626	0.9672	0.9752	0.9642	0.9839
72.6	0.9815	0.9741	0.9571	0.9621	0.9726	0.9604	0.9834
72.7	0.9733	0.9606	0.9420	0.9448	0.9625	0.9476	0.9751
72.8	0.9750	0.9706	0.9434	0.9547	0.9691	0.9485	0.9802
72.9	0.9606	0.9550	0.9420	0.9461	0.9581	0.9481	0.9739
73.0	0.9644	0.9590	0.9502	0.9516	0.9665	0.9567	0.9779
73.1	0.9707	0.9656	0.9530	0.9569	0.9694	0.9579	0.9780
73.2	0.9740	0.9660	0.9563	0.9567	0.9694	0.9599	0.9795
73.3	0.9688	0.9601	0.9516	0.9578	0.9670	0.9559	0.9783
73.4	0.9625	0.9596	0.9398	0.9582	0.9638	0.9452	0.9742
73.5	0.9638	0.9639	0.9442	0.9626	0.9655	0.9500	0.9742
73.6	0.9576	0.9612	0.9374	0.9632	0.9613	0.9416	0.9702
73.7	0.9619	0.9604	0.9545	0.9585	0.9658	0.9542	0.9731
73.8	0.9712	0.9666	0.9505	0.9595	0.9678	0.9501	0.9691
73.9	0.9562	0.9529	0.9465	0.9536	0.9603	0.9484	0.9683
74.0	0.9574	0.9585	0.9487	0.9660	0.9673	0.9533	0.9762
74.1	0.9416	0.9419	0.9350	0.9534	0.9521	0.9399	0.9654
74.2	0.9325	0.9384	0.9355	0.9450	0.9459	0.9398	0.9557
74.3	0.9314	0.9422	0.9414	0.9509	0.9522	0.9504	0.9637
74.4	0.9213	0.9319	0.9320	0.9406	0.9432	0.9389	0.9664
74.5	0.9228	0.9285	0.9317	0.9319	0.9423	0.9375	0.9606
74.6	0.9288	0.9364	0.9389	0.9387	0.9498	0.9455	0.9655
74.7	0.9353	0.9394	0.9413	0.9470	0.9488	0.9455	0.9615
74.8	0.9403	0.9365	0.9385	0.9452	0.9503	0.9428	0.9565
74.9	0.9459	0.9387	0.9439	0.9394	0.9480	0.9479	0.9592
75.0	0.9197	0.9079	0.9457	0.9342	0.9365	0.9509	0.9555
75.1	0.9175	0.8942	0.9469	0.9211	0.9332	0.9504	0.9427
75.2	0.8916	0.8715	0.9500	0.8937	0.9142	0.9522	0.9274
75.3	0.9017	0.8894	0.9539	0.9017	0.9225	0.9561	0.9306
75.4	0.9047	0.8908	0.9558	0.9140	0.9317	0.9576	0.9312
75.5	0.9022	0.9006	0.9271	0.9220	0.9314	0.9341	0.9378
75.6	0.8880	0.9148	0.9158	0.9169	0.9312	0.9282	0.9281
75.7	0.8913	0.8966	0.9293	0.9138	0.9286	0.9379	0.9341
75.8	0.8708	0.8723	0.9295	0.8908	0.9151	0.9353	0.9143
75.9	0.8907	0.8591	0.9240	0.8617	0.9090	0.9285	0.8873
76.0	0.8823	0.8315	0.9181	0.8623	0.9020	0.9239	0.8699
76.1	0.8454	0.7981	0.9285	0.8472	0.8820	0.9360	0.8808
76.2	0.8322	0.7657	0.9208	0.8268	0.8687	0.9276	0.8546
76.3	0.7928	0.6719	0.9033	0.7709	0.8142	0.9147	0.8425
76.4	0.8427	0.7191	0.9307	0.7873	0.8459	0.9373	0.8678
76.5	0.8359	0.7632	0.9437	0.8040	0.8835	0.9509	0.8409
76.6	0.8472	0.7295	0.9337	0.7928	0.8825	0.9401	0.8166
76.7	0.8603	0.7644	0.9336	0.8152	0.8850	0.9378	0.7977

76.8	0.8893	0.7947	0.9362	0.7608	0.8980	0.9399	0.8115
76.9	0.8804	0.7718	0.9460	0.7156	0.9062	0.9508	0.8262
77.0	0.7953	0.6639	0.9216	0.6799	0.8581	0.9295	0.8309
77.1	0.8210	0.6930	0.8987	0.6712	0.8505	0.9088	0.7765
77.2	0.8644	0.7302	0.9179	0.6725	0.8855	0.9206	0.7907
77.3	0.7871	0.6976	0.9140	0.7016	0.8571	0.9159	0.7863
77.4	0.7168	0.6553	0.8916	0.6860	0.8216	0.9025	0.7559
77.5	0.7804	0.7114	0.9118	0.7119	0.8728	0.9163	0.7828
77.6	0.8051	0.7270	0.9281	0.7240	0.9064	0.9350	0.8171
77.7	0.7813	0.7110	0.9099	0.6731	0.8734	0.9140	0.7547
77.8	0.8292	0.7659	0.9146	0.7238	0.8949	0.9114	0.7896
77.9	0.8175	0.7955	0.8980	0.7643	0.8942	0.8986	0.8455
78.0	0.7898	0.7510	0.9020	0.7907	0.8930	0.9013	0.8121
78.1	0.8385	0.7796	0.9075	0.7540	0.9068	0.8987	0.7714
78.2	0.8301	0.8355	0.9028	0.8116	0.9153	0.8972	0.8500
78.3	0.8075	0.8125	0.9025	0.7809	0.9181	0.9015	0.8331
78.4	0.8096	0.8278	0.9007	0.8380	0.9160	0.9122	0.8538
78.5	0.7756	0.7785	0.9235	0.8312	0.9061	0.9269	0.8142
78.6	0.8059	0.7890	0.9224	0.8558	0.9045	0.9330	0.8521
78.7	0.8171	0.8174	0.9405	0.8823	0.9143	0.9457	0.8703
78.8	0.8269	0.8389	0.9414	0.8967	0.9272	0.9385	0.8701
78.9	0.7926	0.8563	0.8650	0.8974	0.8977	0.8688	0.8652
79.0	0.7888	0.8478	0.8466	0.8960	0.8982	0.8461	0.8657
79.1	0.7816	0.8000	0.8793	0.8957	0.9036	0.8732	0.8443
79.2	0.7665	0.8138	0.9020	0.8888	0.9112	0.9018	0.9001
79.3	0.7809	0.8288	0.8971	0.8885	0.9314	0.9010	0.9137
79.4	0.7781	0.8328	0.9038	0.9091	0.9373	0.9008	0.9171
79.5	0.7182	0.7970	0.8908	0.9266	0.9166	0.9101	0.9293
79.6	0.6475	0.7729	0.9180	0.9345	0.9097	0.9349	0.9307
79.7	0.6471	0.7676	0.9205	0.9339	0.9100	0.9249	0.9015
79.8	0.6911	0.8148	0.8895	0.9254	0.9175	0.9030	0.8931
79.9	0.7063	0.8130	0.8745	0.9044	0.9057	0.9035	0.8984
80.0	0.7431	0.8403	0.9168	0.9180	0.9295	0.9369	0.9091

2.2.91 Run 8 – VT315-200 – Accels 1–8

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.3849	0.3757	0.3464	0.3815	0.1287	0.3947	0.2664	0.1572
0.1	0.0478	0.0380	0.0544	0.0364	0.0431	0.0377	0.0003	0.0914
0.2	0.0027	0.0138	0.0449	0.0288	0.0238	0.0154	0.0482	0.0729
0.3	0.0297	0.0331	0.0342	0.0194	0.0243	0.0165	0.0206	0.0134
0.4	0.0034	0.0083	0.0194	0.0039	0.1173	0.0090	0.0295	0.0119
0.5	0.0047	0.0140	0.0825	0.0000	0.0692	0.0074	0.0092	0.0121
0.6	0.0298	0.0031	0.0889	0.0082	0.0471	0.0098	0.0782	0.0001
0.7	0.0051	0.0151	0.0629	0.0199	0.0348	0.0054	0.0031	0.0013
0.8	0.0735	0.0196	0.1212	0.0219	0.0250	0.0035	0.0090	0.0031
0.9	0.0046	0.0185	0.0854	0.0157	0.0836	0.0059	0.0045	0.0665
1.0	0.0060	0.0010	0.1816	0.0260	0.0776	0.0027	0.0386	0.0128
1.1	0.0305	0.0139	0.3771	0.0190	0.0606	0.0018	0.1274	0.0655
1.2	0.0887	0.0172	0.3937	0.0236	0.0222	0.0266	0.3482	0.0341
1.3	0.1528	0.0096	0.4815	0.0368	0.0043	0.0044	0.4498	0.0284
1.4	0.0990	0.0520	0.6150	0.0402	0.0135	0.0364	0.5144	0.0059
1.5	0.1479	0.0062	0.5510	0.0525	0.0167	0.0883	0.6046	0.0018
1.6	0.2462	0.0137	0.6219	0.1014	0.0680	0.2386	0.6273	0.0536
1.7	0.2506	0.0154	0.7708	0.0449	0.1135	0.3899	0.6902	0.2300
1.8	0.3079	0.0015	0.7604	0.1141	0.1776	0.6276	0.7388	0.5910
1.9	0.3349	0.0672	0.8072	0.1177	0.2674	0.6314	0.8007	0.6053
2.0	0.3466	0.3779	0.7785	0.1732	0.0650	0.5038	0.8434	0.6077
2.1	0.4225	0.4407	0.4302	0.2041	0.2179	0.3711	0.8655	0.4252
2.2	0.5385	0.2364	0.0243	0.2082	0.3677	0.2161	0.8893	0.1362
2.3	0.6538	0.1302	0.6037	0.2461	0.3196	0.2990	0.9350	0.2358
2.4	0.6868	0.0253	0.8762	0.3908	0.1056	0.6230	0.9406	0.0636
2.5	0.7161	0.1739	0.9069	0.4546	0.0726	0.4824	0.9420	0.0587
2.6	0.8069	0.2096	0.9641	0.5459	0.2058	0.5994	0.9603	0.1764
2.7	0.7998	0.1445	0.9640	0.4853	0.5076	0.7135	0.9573	0.5161
2.8	0.7846	0.1878	0.9618	0.5163	0.3696	0.6537	0.9597	0.2383
2.9	0.7900	0.1993	0.9664	0.5378	0.1465	0.5514	0.9552	0.0946
3.0	0.8145	0.1876	0.9702	0.5439	0.1481	0.3911	0.9729	0.1626
3.1	0.7652	0.1091	0.9655	0.4892	0.0984	0.3021	0.9625	0.0988
3.2	0.7158	0.2160	0.9535	0.5443	0.1463	0.2239	0.9514	0.1026
3.3	0.8208	0.2730	0.9734	0.6104	0.0401	0.1758	0.9613	0.1088
3.4	0.7662	0.1082	0.9589	0.4276	0.0406	0.1364	0.9596	0.0465
3.5	0.5259	0.0748	0.9190	0.2502	0.0200	0.1101	0.9287	0.0197
3.6	0.4952	0.1395	0.8814	0.2316	0.0268	0.0973	0.8959	0.0548
3.7	0.5928	0.0417	0.9565	0.3529	0.0074	0.2435	0.9526	0.1821
3.8	0.9271	0.3062	0.9936	0.8525	0.1103	0.6636	0.9919	0.5085
3.9	0.9818	0.6826	0.9980	0.9624	0.1033	0.7422	0.9971	0.7568
4.0	0.9885	0.7633	0.9981	0.9809	0.0495	0.7240	0.9968	0.7898
4.1	0.9898	0.7283	0.9986	0.9769	0.1040	0.6385	0.9974	0.7663
4.2	0.9839	0.6415	0.9978	0.9614	0.0236	0.5065	0.9974	0.6810
4.3	0.9803	0.5751	0.9979	0.9518	0.0395	0.4857	0.9970	0.6268
4.4	0.9704	0.5576	0.9980	0.9623	0.2556	0.5642	0.9959	0.5339
4.5	0.9589	0.4454	0.9966	0.9436	0.0756	0.5961	0.9948	0.4499
4.6	0.9449	0.3417	0.9958	0.9087	0.0414	0.4951	0.9918	0.3474
4.7	0.9507	0.3810	0.9957	0.9074	0.1528	0.7124	0.9908	0.3620
4.8	0.9447	0.5779	0.9948	0.9152	0.2309	0.8228	0.9921	0.5810
4.9	0.9194	0.4190	0.9867	0.8634	0.0416	0.6927	0.9846	0.4976
5.0	0.9728	0.3036	0.9955	0.9441	0.0332	0.6207	0.9949	0.5575
5.1	0.9843	0.6801	0.9985	0.9685	0.2135	0.8118	0.9949	0.7680
5.2	0.9762	0.6545	0.9978	0.9672	0.3446	0.6102	0.9942	0.7951
5.3	0.9538	0.2879	0.9957	0.9315	0.4406	0.1526	0.9933	0.6834
5.4	0.9121	0.1582	0.9912	0.8783	0.5657	0.0778	0.9776	0.2799
5.5	0.9335	0.0607	0.9926	0.9238	0.4864	0.0037	0.9885	0.0601
5.6	0.9747	0.3445	0.9975	0.9734	0.6929	0.5264	0.9968	0.5068
5.7	0.9869	0.5741	0.9987	0.9891	0.7866	0.8279	0.9964	0.8319
5.8	0.9930	0.5907	0.9993	0.9918	0.8576	0.9420	0.9970	0.9325
5.9	0.9960	0.6577	0.9993	0.9957	0.8699	0.9464	0.9977	0.9684
6.0	0.9952	0.5126	0.9992	0.9945	0.8355	0.9275	0.9949	0.9740
6.1	0.9961	0.7963	0.9994	0.9956	0.8901	0.9671	0.9956	0.9859
6.2	0.9972	0.9252	0.9995	0.9965	0.9413	0.9733	0.9965	0.9851
6.3	0.9967	0.9407	0.9996	0.9956	0.9420	0.9718	0.9951	0.9856
6.4	0.9965	0.9560	0.9997	0.9955	0.9243	0.9797	0.9949	0.9839
6.5	0.9946	0.9509	0.9996	0.9925	0.9039	0.9677	0.9910	0.9774
6.6	0.9944	0.9540	0.9995	0.9932	0.8997	0.9634	0.9914	0.9813
6.7	0.9924	0.9591	0.9989	0.9911	0.9131	0.9602	0.9889	0.9785
6.8	0.9826	0.9375	0.9943	0.9789	0.8982	0.9519	0.9748	0.9576
6.9	0.9733	0.9222	0.9779	0.9703	0.8761	0.9612	0.9639	0.9486
7.0	0.9551	0.9073	0.9429	0.9512	0.8484	0.9619	0.9438	0.9268
7.1	0.9243	0.8896	0.9183	0.9194	0.8307	0.8711	0.9123	0.8968
7.2	0.9312	0.9264	0.9619	0.9297	0.8722	0.5781	0.9284	0.9260
7.3	0.9400	0.9463	0.9799	0.9417	0.9299	0.7265	0.9425	0.9452
7.4	0.9044	0.9373	0.9806	0.9103	0.9286	0.7864	0.9185	0.9347
7.5	0.9328	0.9740	0.9947	0.9424	0.9320	0.8302	0.9539	0.9705
7.6	0.9429	0.9885	0.9987	0.9549	0.9466	0.7846	0.9697	0.9850
7.7	0.9615	0.9963	0.9998	0.9707	0.9491	0.9153	0.9852	0.9954
7.8	0.9785	0.9988	0.9997	0.9840	0.9447	0.9318	0.9944	0.9978
7.9	0.9845	0.9964	0.9989	0.9886	0.9199	0.8538	0.9965	0.9944

8.0	0.9496	0.9957	0.9992	0.9742	0.9393	0.7291	0.9897	0.9952
8.1	0.9620	0.9981	0.9995	0.9740	0.9408	0.8697	0.9961	0.9974
8.2	0.9576	0.9972	0.9992	0.9677	0.9483	0.8493	0.9959	0.9960
8.3	0.9636	0.9980	0.9995	0.9694	0.9512	0.8161	0.9967	0.9976
8.4	0.9538	0.9975	0.9994	0.9474	0.9586	0.8087	0.9960	0.9970
8.5	0.9468	0.9956	0.9988	0.9265	0.9538	0.8363	0.9941	0.9955
8.6	0.9661	0.9946	0.9990	0.9375	0.9590	0.9053	0.9934	0.9958
8.7	0.9693	0.9905	0.9978	0.9433	0.9569	0.9055	0.9922	0.9906
8.8	0.9836	0.9935	0.9984	0.9732	0.9693	0.9354	0.9934	0.9934
8.9	0.9821	0.9892	0.9974	0.9752	0.9696	0.9386	0.9895	0.9894
9.0	0.9879	0.9869	0.9973	0.9853	0.9686	0.9375	0.9843	0.9844
9.1	0.9837	0.9864	0.9965	0.9798	0.9647	0.9663	0.9508	0.9861
9.2	0.9527	0.9532	0.9857	0.9430	0.9729	0.9423	0.9360	0.9557
9.3	0.9617	0.9584	0.9845	0.9579	0.9795	0.9432	0.9686	0.9585
9.4	0.9498	0.9436	0.9702	0.9465	0.9788	0.9363	0.9736	0.9421
9.5	0.9582	0.9582	0.9688	0.9644	0.9734	0.9566	0.9850	0.9532
9.6	0.9356	0.9399	0.9398	0.9512	0.9679	0.9458	0.9845	0.9332
9.7	0.9737	0.9789	0.9801	0.9818	0.9813	0.9573	0.9948	0.9754
9.8	0.9771	0.9853	0.9886	0.9857	0.9837	0.9650	0.9952	0.9820
9.9	0.9812	0.9914	0.9945	0.9905	0.9854	0.9676	0.9976	0.9883
10.0	0.9750	0.9919	0.9960	0.9872	0.9867	0.9717	0.9968	0.9901
10.1	0.9651	0.9940	0.9973	0.9875	0.9899	0.9705	0.9974	0.9919
10.2	0.9550	0.9897	0.9967	0.9784	0.9906	0.9669	0.9947	0.9907
10.3	0.9758	0.9951	0.9988	0.9843	0.9907	0.9722	0.9969	0.9966
10.4	0.9764	0.9937	0.9983	0.9798	0.9892	0.9674	0.9970	0.9957
10.5	0.9816	0.9944	0.9990	0.9858	0.9943	0.9817	0.9988	0.9975
10.6	0.9707	0.9944	0.9987	0.9851	0.9943	0.9871	0.9978	0.9968
10.7	0.9503	0.9922	0.9987	0.9768	0.9959	0.9863	0.9973	0.9960
10.8	0.9577	0.9939	0.9991	0.9766	0.9962	0.9868	0.9984	0.9966
10.9	0.9513	0.9910	0.9981	0.9505	0.9951	0.9870	0.9976	0.9944
11.0	0.9573	0.9927	0.9990	0.9509	0.9962	0.9934	0.9988	0.9966
11.1	0.9439	0.9902	0.9988	0.9435	0.9965	0.9935	0.9993	0.9969
11.2	0.9236	0.9872	0.9989	0.9199	0.9965	0.9937	0.9990	0.9973
11.3	0.9253	0.9848	0.9988	0.8464	0.9975	0.9944	0.9983	0.9972
11.4	0.9273	0.9857	0.9985	0.8273	0.9971	0.9946	0.9981	0.9957
11.5	0.9196	0.9884	0.9984	0.8572	0.9973	0.9956	0.9984	0.9960
11.6	0.8791	0.9883	0.9983	0.8225	0.9980	0.9960	0.9981	0.9958
11.7	0.8676	0.9842	0.9982	0.8058	0.9973	0.9957	0.9977	0.9934
11.8	0.8664	0.9848	0.9980	0.7603	0.9975	0.9961	0.9966	0.9940
11.9	0.8669	0.9832	0.9973	0.7594	0.9976	0.9957	0.9959	0.9921
12.0	0.8954	0.9854	0.9975	0.7598	0.9976	0.9958	0.9945	0.9899
12.1	0.9067	0.9844	0.9975	0.8387	0.9977	0.9969	0.9956	0.9911
12.2	0.9025	0.9804	0.9972	0.8712	0.9975	0.9964	0.9955	0.9831
12.3	0.8976	0.9788	0.9961	0.8861	0.9963	0.9923	0.9940	0.9720
12.4	0.8687	0.9822	0.9965	0.9134	0.9962	0.9914	0.9953	0.9669
12.5	0.8519	0.9819	0.9970	0.9163	0.9965	0.9898	0.9948	0.9596
12.6	0.7861	0.9875	0.9973	0.9258	0.9967	0.9875	0.9952	0.9526
12.7	0.5903	0.9839	0.9963	0.9203	0.9951	0.9843	0.9944	0.9352
12.8	0.4278	0.9859	0.9977	0.9404	0.9971	0.9916	0.9949	0.9680
12.9	0.2482	0.9730	0.9949	0.9121	0.9962	0.9862	0.9905	0.9590
13.0	0.5355	0.9757	0.9937	0.9027	0.9945	0.9879	0.9880	0.9604
13.1	0.7734	0.9698	0.9930	0.9373	0.9949	0.9891	0.9810	0.9753
13.2	0.8830	0.9603	0.9916	0.9373	0.9948	0.9876	0.9727	0.9859
13.3	0.8648	0.9192	0.9809	0.9236	0.9894	0.9700	0.9327	0.9778
13.4	0.9069	0.9186	0.9731	0.8957	0.9828	0.9560	0.8379	0.9749
13.5	0.9353	0.9167	0.9747	0.9162	0.9794	0.9515	0.5405	0.9793
13.6	0.9606	0.9259	0.9784	0.8976	0.9747	0.9479	0.1167	0.9833
13.7	0.9691	0.9347	0.9840	0.8629	0.9678	0.9508	0.6201	0.9787
13.8	0.9549	0.9383	0.9875	0.9088	0.9648	0.9408	0.7997	0.9708
13.9	0.9404	0.9680	0.9878	0.9491	0.9728	0.9766	0.9022	0.9688
14.0	0.9313	0.9587	0.9762	0.9445	0.9620	0.9889	0.9249	0.9569
14.1	0.9275	0.9420	0.9659	0.9373	0.9497	0.9958	0.9157	0.9437
14.2	0.9439	0.9337	0.9646	0.9414	0.9483	0.9907	0.9116	0.9453
14.3	0.9546	0.9174	0.9595	0.9376	0.9392	0.9831	0.9019	0.9409
14.4	0.9817	0.9514	0.9797	0.9665	0.9678	0.9881	0.9264	0.9697
14.5	0.9875	0.9622	0.9849	0.9754	0.9755	0.9884	0.9406	0.9775
14.6	0.9931	0.9689	0.9892	0.9776	0.9817	0.9894	0.9440	0.9820
14.7	0.9965	0.9798	0.9944	0.9842	0.9894	0.9941	0.9583	0.9873
14.8	0.9947	0.9786	0.9959	0.9889	0.9890	0.9965	0.9462	0.9907
14.9	0.9936	0.9714	0.9950	0.9915	0.9856	0.9933	0.9534	0.9866
15.0	0.9971	0.9845	0.9972	0.9916	0.9919	0.9943	0.9759	0.9921
15.1	0.9985	0.9869	0.9972	0.9894	0.9915	0.9928	0.9769	0.9893
15.2	0.9989	0.9902	0.9976	0.9864	0.9935	0.9865	0.9789	0.9895
15.3	0.9992	0.9948	0.9982	0.9886	0.9965	0.9781	0.9825	0.9918
15.4	0.9991	0.9953	0.9981	0.9840	0.9971	0.9613	0.9783	0.9915
15.5	0.9992	0.9957	0.9984	0.9829	0.9976	0.9313	0.9759	0.9907
15.6	0.9993	0.9952	0.9986	0.9811	0.9974	0.9184	0.9801	0.9920
15.7	0.9992	0.9947	0.9983	0.9668	0.9969	0.8280	0.9776	0.9905
15.8	0.9993	0.9961	0.9985	0.9573	0.9965	0.7716	0.9811	0.9876
15.9	0.9993	0.9969	0.9992	0.9480	0.9977	0.8540	0.9861	0.9861
16.0	0.9992	0.9966	0.9988	0.9300	0.9960	0.8497	0.9847	0.9800
16.1	0.9989	0.9949	0.9982	0.8955	0.9939	0.8353	0.9770	0.9621
16.2	0.9993	0.9969	0.9992	0.9160	0.9970	0.9112	0.9878	0.9622
16.3	0.9993	0.9965	0.9992	0.9015	0.9968	0.9387	0.9846	0.9494
16.4	0.9992	0.9968	0.9992	0.8860	0.9965	0.9586	0.9834	0.9457
16.5	0.9992	0.9959	0.9990	0.8325	0.9948	0.9606	0.9829	0.9364

16.6	0.9992	0.9966	0.9994	0.8135	0.9956	0.9741	0.9711	0.9422
16.7	0.9991	0.9958	0.9995	0.6978	0.9954	0.9780	0.9685	0.9393
16.8	0.9992	0.9931	0.9992	0.5717	0.9952	0.9680	0.9665	0.9202
16.9	0.9992	0.9933	0.9989	0.5792	0.9927	0.9487	0.9704	0.9071
17.0	0.9991	0.9932	0.9993	0.4267	0.9936	0.9768	0.9727	0.9295
17.1	0.9991	0.9930	0.9994	0.2546	0.9949	0.9724	0.9659	0.9425
17.2	0.9994	0.9952	0.9994	0.4570	0.9961	0.9725	0.9816	0.9639
17.3	0.9995	0.9949	0.9995	0.6603	0.9968	0.9822	0.9865	0.9737
17.4	0.9991	0.9921	0.9995	0.5799	0.9963	0.9867	0.9865	0.9767
17.5	0.9993	0.9918	0.9995	0.4458	0.9949	0.9916	0.9764	0.9768
17.6	0.9994	0.9948	0.9994	0.4742	0.9952	0.9912	0.9696	0.9769
17.7	0.9992	0.9941	0.9996	0.6152	0.9949	0.9911	0.9570	0.9796
17.8	0.9989	0.9899	0.9995	0.6878	0.9942	0.9931	0.9507	0.9815
17.9	0.9994	0.9866	0.9996	0.7877	0.9938	0.9947	0.9706	0.9795
18.0	0.9993	0.9874	0.9996	0.8550	0.9949	0.9955	0.9845	0.9830
18.1	0.9993	0.9890	0.9993	0.8209	0.9913	0.9928	0.9841	0.9825
18.2	0.9992	0.9877	0.9995	0.8374	0.9940	0.9928	0.9808	0.9865
18.3	0.9993	0.9847	0.9994	0.8444	0.9924	0.9932	0.9628	0.9899
18.4	0.9984	0.9824	0.9993	0.7859	0.9940	0.9910	0.8772	0.9871
18.5	0.9978	0.9809	0.9995	0.8235	0.9935	0.9854	0.7577	0.9698
18.6	0.9965	0.9808	0.9996	0.8707	0.9876	0.9858	0.8448	0.9276
18.7	0.9980	0.9802	0.9997	0.9353	0.9882	0.9929	0.9519	0.9715
18.8	0.9993	0.9815	0.9997	0.9718	0.9897	0.9938	0.9821	0.9878
18.9	0.9994	0.9802	0.9996	0.9704	0.9890	0.9941	0.9871	0.9894
19.0	0.9993	0.9805	0.9995	0.9661	0.9894	0.9938	0.9883	0.9909
19.1	0.9994	0.9792	0.9996	0.9579	0.9808	0.9916	0.9891	0.9889
19.2	0.9993	0.9787	0.9996	0.9571	0.9783	0.9904	0.9919	0.9886
19.3	0.9995	0.9779	0.9997	0.9747	0.9802	0.9899	0.9942	0.9870
19.4	0.9993	0.9806	0.9996	0.9696	0.9748	0.9861	0.9930	0.9825
19.5	0.9991	0.9792	0.9996	0.9575	0.9638	0.9859	0.9930	0.9825
19.6	0.9993	0.9824	0.9996	0.9639	0.9521	0.9833	0.9945	0.9777
19.7	0.9993	0.9822	0.9996	0.9711	0.9649	0.9838	0.9948	0.9798
19.8	0.9993	0.9805	0.9996	0.9658	0.9716	0.9837	0.9945	0.9844
19.9	0.9988	0.9656	0.9994	0.9404	0.9506	0.9754	0.9916	0.9731
20.0	0.9993	0.9775	0.9995	0.9580	0.9671	0.9844	0.9942	0.9798
20.1	0.9994	0.9690	0.9995	0.9650	0.9695	0.9845	0.9941	0.9774
20.2	0.9994	0.9728	0.9996	0.9689	0.9628	0.9821	0.9957	0.9791
20.3	0.9993	0.9721	0.9995	0.9615	0.9597	0.9807	0.9946	0.9797
20.4	0.9996	0.9762	0.9997	0.9710	0.9665	0.9889	0.9960	0.9831
20.5	0.9995	0.9719	0.9996	0.9698	0.9693	0.9872	0.9961	0.9816
20.6	0.9995	0.9662	0.9996	0.9720	0.9732	0.9881	0.9958	0.9855
20.7	0.9995	0.9687	0.9996	0.9711	0.9670	0.9866	0.9964	0.9806
20.8	0.9994	0.9609	0.9995	0.9652	0.9700	0.9848	0.9946	0.9809
20.9	0.9996	0.9752	0.9995	0.9741	0.9692	0.9859	0.9947	0.9841
21.0	0.9995	0.9786	0.9996	0.9782	0.9743	0.9885	0.9964	0.9853
21.1	0.9995	0.9708	0.9996	0.9742	0.9773	0.9890	0.9953	0.9880
21.2	0.9993	0.9605	0.9995	0.9696	0.9733	0.9775	0.9932	0.9861
21.3	0.9994	0.9600	0.9996	0.9769	0.9671	0.9801	0.9935	0.9883
21.4	0.9994	0.9572	0.9996	0.9696	0.9624	0.9764	0.9941	0.9854
21.5	0.9992	0.9264	0.9994	0.9584	0.9535	0.9687	0.9913	0.9824
21.6	0.9993	0.9320	0.9995	0.9544	0.9603	0.9655	0.9899	0.9877
21.7	0.9994	0.9572	0.9995	0.9553	0.9647	0.9711	0.9921	0.9900
21.8	0.9994	0.9471	0.9996	0.9597	0.9614	0.9701	0.9932	0.9895
21.9	0.9994	0.9333	0.9995	0.9623	0.9762	0.9731	0.9918	0.9911
22.0	0.9993	0.9306	0.9994	0.9583	0.9629	0.9631	0.9915	0.9903
22.1	0.9993	0.9263	0.9995	0.9523	0.9616	0.9630	0.9918	0.9930
22.2	0.9996	0.9418	0.9995	0.9527	0.9662	0.9707	0.9927	0.9952
22.3	0.9996	0.9504	0.9995	0.9621	0.9684	0.9697	0.9941	0.9958
22.4	0.9996	0.9488	0.9995	0.9598	0.9699	0.9767	0.9948	0.9967
22.5	0.9995	0.9125	0.9993	0.9171	0.9473	0.9620	0.9932	0.9956
22.6	0.9996	0.9340	0.9996	0.9329	0.9576	0.9724	0.9934	0.9960
22.7	0.9996	0.9309	0.9996	0.9267	0.9527	0.9764	0.9940	0.9962
22.8	0.9995	0.9077	0.9993	0.9142	0.9504	0.9768	0.9920	0.9969
22.9	0.9996	0.9041	0.9993	0.9240	0.9351	0.9781	0.9876	0.9964
23.0	0.9996	0.8736	0.9996	0.9226	0.9091	0.9792	0.9870	0.9979
23.1	0.9997	0.8642	0.9996	0.9203	0.8562	0.9879	0.9902	0.9983
23.2	0.9997	0.8131	0.9995	0.9009	0.8664	0.9894	0.9883	0.9986
23.3	0.9996	0.7228	0.9993	0.8940	0.8389	0.9875	0.9805	0.9985
23.4	0.9995	0.6043	0.9991	0.8843	0.7981	0.9881	0.9742	0.9978
23.5	0.9996	0.4882	0.9993	0.8652	0.8189	0.9906	0.9837	0.9983
23.6	0.9997	0.4506	0.9995	0.8775	0.7765	0.9911	0.9844	0.9980
23.7	0.9997	0.4609	0.9993	0.9026	0.8119	0.9930	0.9917	0.9982
23.8	0.9997	0.4036	0.9993	0.9125	0.8355	0.9933	0.9900	0.9984
23.9	0.9997	0.3483	0.9994	0.9188	0.8357	0.9931	0.9922	0.9984
24.0	0.9997	0.3346	0.9993	0.9274	0.7374	0.9921	0.9897	0.9979
24.1	0.9997	0.3282	0.9989	0.9115	0.6805	0.9917	0.9859	0.9976
24.2	0.9996	0.2572	0.9989	0.9136	0.6519	0.9910	0.9861	0.9975
24.3	0.9996	0.2635	0.9989	0.9185	0.6542	0.9937	0.9868	0.9972
24.4	0.9997	0.2612	0.9990	0.9174	0.6623	0.9937	0.9854	0.9976
24.5	0.9998	0.2903	0.9991	0.9310	0.6704	0.9948	0.9893	0.9985
24.6	0.9997	0.2069	0.9993	0.9456	0.7218	0.9945	0.9897	0.9987
24.7	0.9998	0.1863	0.9991	0.9364	0.7595	0.9954	0.9925	0.9987
24.8	0.9997	0.1424	0.9984	0.9085	0.8005	0.9941	0.9939	0.9982
24.9	0.9996	0.1509	0.9986	0.9201	0.8004	0.9943	0.9932	0.9978
25.0	0.9997	0.2258	0.9988	0.9410	0.8876	0.9956	0.9964	0.9985
25.1	0.9998	0.2518	0.9990	0.9507	0.9171	0.9966	0.9978	0.9989

25.2	0.9998	0.2911	0.9990	0.9527	0.9307	0.9963	0.9977	0.9988
25.3	0.9998	0.2221	0.9988	0.9504	0.9470	0.9958	0.9986	0.9989
25.4	0.9998	0.2431	0.9988	0.9495	0.9462	0.9965	0.9981	0.9988
25.5	0.9997	0.3424	0.9986	0.9351	0.9368	0.9948	0.9972	0.9987
25.6	0.9996	0.3401	0.9979	0.9212	0.9082	0.9948	0.9954	0.9982
25.7	0.9997	0.2166	0.9974	0.9139	0.9201	0.9951	0.9953	0.9981
25.8	0.9998	0.3023	0.9986	0.9417	0.9536	0.9963	0.9980	0.9990
25.9	0.9998	0.4092	0.9984	0.9405	0.9531	0.9954	0.9982	0.9986
26.0	0.9998	0.4006	0.9978	0.9111	0.9635	0.9959	0.9973	0.9987
26.1	0.9998	0.3624	0.9977	0.8987	0.9770	0.9961	0.9964	0.9988
26.2	0.9998	0.4131	0.9980	0.9088	0.9792	0.9964	0.9960	0.9991
26.3	0.9998	0.4471	0.9981	0.9071	0.9775	0.9969	0.9963	0.9991
26.4	0.9997	0.5086	0.9978	0.8951	0.9840	0.9971	0.9971	0.9990
26.5	0.9998	0.5374	0.9972	0.8904	0.9838	0.9956	0.9960	0.9989
26.6	0.9997	0.3734	0.9964	0.8487	0.9827	0.9945	0.9963	0.9989
26.7	0.9997	0.2692	0.9954	0.8191	0.9748	0.9927	0.9946	0.9987
26.8	0.9997	0.4040	0.9950	0.8136	0.9835	0.9920	0.9969	0.9990
26.9	0.9997	0.4141	0.9958	0.8125	0.9872	0.9899	0.9981	0.9991
27.0	0.9996	0.3308	0.9940	0.7518	0.9812	0.9895	0.9978	0.9989
27.1	0.9996	0.2943	0.9937	0.7634	0.9880	0.9919	0.9972	0.9989
27.2	0.9995	0.4115	0.9944	0.7757	0.9874	0.9915	0.9967	0.9988
27.3	0.9996	0.5649	0.9946	0.8566	0.9885	0.9921	0.9982	0.9992
27.4	0.9997	0.5571	0.9942	0.8792	0.9910	0.9925	0.9984	0.9991
27.5	0.9997	0.5003	0.9931	0.8405	0.9917	0.9924	0.9977	0.9989
27.6	0.9995	0.4272	0.9869	0.8007	0.9907	0.9862	0.9970	0.9984
27.7	0.9996	0.3066	0.9881	0.7799	0.9922	0.9892	0.9972	0.9986
27.8	0.9996	0.3074	0.9881	0.7823	0.9938	0.9889	0.9976	0.9984
27.9	0.9995	0.2908	0.9911	0.7929	0.9965	0.9901	0.9976	0.9986
28.0	0.9994	0.3082	0.9884	0.7788	0.9965	0.9905	0.9971	0.9987
28.1	0.9993	0.3394	0.9836	0.7918	0.9959	0.9907	0.9965	0.9984
28.2	0.9994	0.3986	0.9830	0.8177	0.9911	0.9932	0.9969	0.9978
28.3	0.9993	0.2960	0.9799	0.7635	0.9929	0.9954	0.9981	0.9977
28.4	0.9990	0.3174	0.9757	0.7424	0.9953	0.9934	0.9981	0.9982
28.5	0.9992	0.4943	0.9755	0.7708	0.9962	0.9932	0.9978	0.9979
28.6	0.9991	0.4816	0.9825	0.8003	0.9969	0.9947	0.9981	0.9983
28.7	0.9990	0.4457	0.9851	0.8211	0.9960	0.9957	0.9973	0.9983
28.8	0.9990	0.4232	0.9813	0.8014	0.9959	0.9963	0.9969	0.9977
28.9	0.9989	0.3961	0.9769	0.7666	0.9956	0.9957	0.9970	0.9972
29.0	0.9991	0.3409	0.9779	0.7857	0.9974	0.9947	0.9977	0.9979
29.1	0.9987	0.3257	0.9723	0.7344	0.9960	0.9953	0.9959	0.9965
29.2	0.9991	0.3930	0.9665	0.7758	0.9959	0.9959	0.9973	0.9972
29.3	0.9994	0.4624	0.9671	0.8475	0.9973	0.9971	0.9979	0.9978
29.4	0.9993	0.4218	0.9674	0.8359	0.9966	0.9964	0.9972	0.9974
29.5	0.9993	0.5109	0.9756	0.8684	0.9972	0.9963	0.9978	0.9978
29.6	0.9993	0.4840	0.9709	0.8525	0.9973	0.9950	0.9973	0.9975
29.7	0.9992	0.5540	0.9650	0.8591	0.9958	0.9931	0.9966	0.9964
29.8	0.9988	0.5846	0.9612	0.8708	0.9951	0.9937	0.9958	0.9958
29.9	0.9984	0.6169	0.9662	0.8662	0.9949	0.9943	0.9912	0.9964
30.0	0.9985	0.6402	0.9514	0.8614	0.9939	0.9909	0.9912	0.9953
30.1	0.9992	0.7553	0.9514	0.9160	0.9951	0.9906	0.9961	0.9959
30.2	0.9993	0.8059	0.9589	0.9430	0.9962	0.9927	0.9971	0.9962
30.3	0.9989	0.7446	0.9428	0.9278	0.9943	0.9882	0.9963	0.9949
30.4	0.9988	0.7684	0.9242	0.9367	0.9949	0.9908	0.9966	0.9952
30.5	0.9991	0.8209	0.9280	0.9543	0.9950	0.9920	0.9968	0.9955
30.6	0.9991	0.7820	0.9176	0.9447	0.9944	0.9860	0.9949	0.9940
30.7	0.9989	0.7519	0.8516	0.9474	0.9923	0.9825	0.9931	0.9906
30.8	0.9984	0.7516	0.8199	0.9406	0.9921	0.9778	0.9937	0.9902
30.9	0.9989	0.8487	0.8680	0.9585	0.9926	0.9799	0.9941	0.9920
31.0	0.9989	0.8630	0.7996	0.9542	0.9932	0.9738	0.9948	0.9909
31.1	0.9982	0.8483	0.7268	0.9527	0.9923	0.9745	0.9951	0.9909
31.2	0.9977	0.8404	0.7028	0.9605	0.9902	0.9723	0.9949	0.9886
31.3	0.9981	0.8315	0.7563	0.9650	0.9893	0.9719	0.9936	0.9883
31.4	0.9982	0.8533	0.7008	0.9653	0.9887	0.9694	0.9927	0.9856
31.5	0.9977	0.8520	0.6083	0.9523	0.9880	0.9568	0.9918	0.9815
31.6	0.9976	0.8337	0.5937	0.9600	0.9853	0.9580	0.9931	0.9836
31.7	0.9974	0.8187	0.5989	0.9470	0.9853	0.9638	0.9933	0.9814
31.8	0.9959	0.7942	0.2651	0.9641	0.9797	0.9568	0.9884	0.9697
31.9	0.9935	0.7692	0.0090	0.9752	0.9662	0.9570	0.9788	0.9359
32.0	0.9930	0.7365	0.0104	0.9747	0.9686	0.9566	0.9748	0.9275
32.1	0.9949	0.7509	0.1192	0.9739	0.9748	0.9550	0.9820	0.9612
32.2	0.9956	0.7939	0.0723	0.9737	0.9722	0.9658	0.9808	0.9602
32.3	0.9955	0.8048	0.0247	0.9785	0.9750	0.9710	0.9806	0.9527
32.4	0.9931	0.7528	0.0152	0.9778	0.9679	0.9608	0.9746	0.9342
32.5	0.9918	0.7005	0.0083	0.9775	0.9677	0.9605	0.9685	0.9318
32.6	0.9915	0.7021	0.0688	0.9829	0.9638	0.9689	0.9560	0.9317
32.7	0.9930	0.7143	0.1064	0.9857	0.9659	0.9707	0.9599	0.9358
32.8	0.9926	0.7076	0.1757	0.9838	0.9623	0.9738	0.9507	0.9299
32.9	0.9904	0.6979	0.3135	0.9829	0.9484	0.9672	0.9288	0.8980
33.0	0.9890	0.6383	0.2617	0.9851	0.9457	0.9585	0.9274	0.8840
33.1	0.9817	0.4948	0.1525	0.9858	0.9205	0.9411	0.8973	0.8228
33.2	0.9868	0.5871	0.2547	0.9900	0.9466	0.9599	0.9326	0.8705
33.3	0.9900	0.6648	0.3382	0.9884	0.9584	0.9723	0.9487	0.8938
33.4	0.9907	0.6985	0.3972	0.9897	0.9616	0.9784	0.9558	0.9057
33.5	0.9876	0.5768	0.3051	0.9921	0.9581	0.9770	0.9550	0.8963
33.6	0.9865	0.5676	0.3471	0.9906	0.9464	0.9711	0.9433	0.8723
33.7	0.9868	0.6224	0.4428	0.9913	0.9504	0.9773	0.9514	0.8877

33.8	0.9840	0.6485	0.4953	0.9911	0.9313	0.9764	0.9380	0.8640
33.9	0.9830	0.6420	0.4553	0.9903	0.9119	0.9748	0.9289	0.8345
34.0	0.9793	0.6136	0.4567	0.9873	0.9019	0.9660	0.9254	0.8257
34.1	0.9797	0.6116	0.4853	0.9893	0.9131	0.9628	0.9384	0.8566
34.2	0.9732	0.5428	0.4568	0.9886	0.8814	0.9596	0.9220	0.8320
34.3	0.9755	0.6186	0.5751	0.9901	0.9047	0.9769	0.9318	0.8630
34.4	0.9801	0.6391	0.6343	0.9921	0.9302	0.9842	0.9500	0.8975
34.5	0.9789	0.6344	0.6344	0.9906	0.9209	0.9795	0.9451	0.8892
34.6	0.9793	0.6806	0.6968	0.9912	0.9358	0.9811	0.9554	0.9116
34.7	0.9869	0.7178	0.7437	0.9936	0.9539	0.9893	0.9678	0.9349
34.8	0.9844	0.6292	0.6917	0.9930	0.9453	0.9867	0.9631	0.9266
34.9	0.9856	0.6620	0.7591	0.9928	0.9612	0.9887	0.9741	0.9495
35.0	0.9866	0.6635	0.7752	0.9934	0.9628	0.9877	0.9755	0.9519
35.1	0.9885	0.6511	0.7895	0.9935	0.9688	0.9905	0.9804	0.9607
35.2	0.9910	0.7218	0.8360	0.9939	0.9773	0.9903	0.9850	0.9717
35.3	0.9911	0.7151	0.8308	0.9941	0.9786	0.9941	0.9862	0.9721
35.4	0.9907	0.6419	0.8222	0.9957	0.9798	0.9955	0.9876	0.9740
35.5	0.9920	0.6323	0.8366	0.9958	0.9821	0.9953	0.9897	0.9766
35.6	0.9917	0.5606	0.8030	0.9952	0.9786	0.9946	0.9879	0.9722
35.7	0.9930	0.5643	0.8341	0.9957	0.9866	0.9963	0.9919	0.9829
35.8	0.9931	0.6234	0.8554	0.9956	0.9881	0.9959	0.9932	0.9860
35.9	0.9943	0.6486	0.8682	0.9950	0.9891	0.9956	0.9939	0.9871
36.0	0.9950	0.6286	0.8747	0.9945	0.9916	0.9959	0.9953	0.9899
36.1	0.9957	0.6805	0.8974	0.9966	0.9943	0.9973	0.9967	0.9927
36.2	0.9957	0.6441	0.8938	0.9968	0.9948	0.9974	0.9972	0.9928
36.3	0.9956	0.6386	0.8832	0.9968	0.9932	0.9960	0.9964	0.9916
36.4	0.9970	0.6921	0.9090	0.9977	0.9951	0.9962	0.9977	0.9942
36.5	0.9977	0.6809	0.9283	0.9968	0.9959	0.9969	0.9980	0.9951
36.6	0.9977	0.7035	0.9310	0.9966	0.9968	0.9969	0.9986	0.9959
36.7	0.9979	0.6782	0.9198	0.9960	0.9953	0.9935	0.9983	0.9945
36.8	0.9975	0.5830	0.9041	0.9963	0.9943	0.9949	0.9979	0.9931
36.9	0.9969	0.6309	0.9015	0.9952	0.9946	0.9948	0.9978	0.9935
37.0	0.9973	0.6378	0.8981	0.9954	0.9952	0.9955	0.9983	0.9940
37.1	0.9979	0.7818	0.9093	0.9955	0.9954	0.9938	0.9985	0.9948
37.2	0.9975	0.7797	0.9022	0.9953	0.9952	0.9924	0.9984	0.9945
37.3	0.9974	0.7552	0.8708	0.9958	0.9927	0.9879	0.9976	0.9921
37.4	0.9983	0.8309	0.8996	0.9970	0.9962	0.9940	0.9988	0.9960
37.5	0.9979	0.8371	0.8867	0.9955	0.9966	0.9899	0.9985	0.9964
37.6	0.9977	0.8477	0.8484	0.9935	0.9963	0.9911	0.9983	0.9956
37.7	0.9981	0.8794	0.8343	0.9943	0.9953	0.9876	0.9984	0.9947
37.8	0.9983	0.9104	0.8306	0.9964	0.9967	0.9881	0.9987	0.9960
37.9	0.9986	0.9156	0.7781	0.9956	0.9954	0.9815	0.9983	0.9953
38.0	0.9987	0.9236	0.7185	0.9940	0.9956	0.9828	0.9980	0.9947
38.1	0.9982	0.9081	0.5349	0.9939	0.9949	0.9778	0.9980	0.9936
38.2	0.9981	0.8951	0.4952	0.9916	0.9957	0.9750	0.9982	0.9937
38.3	0.9980	0.8892	0.4986	0.9895	0.9948	0.9633	0.9983	0.9932
38.4	0.9979	0.9074	0.2695	0.9887	0.9943	0.9497	0.9980	0.9922
38.5	0.9977	0.9087	0.4335	0.9854	0.9942	0.9402	0.9982	0.9920
38.6	0.9984	0.9134	0.3554	0.9862	0.9938	0.9337	0.9979	0.9911
38.7	0.9987	0.9248	0.2470	0.9916	0.9959	0.9356	0.9985	0.9936
38.8	0.9983	0.9228	0.3088	0.9893	0.9942	0.9069	0.9978	0.9923
38.9	0.9983	0.9152	0.3628	0.9881	0.9913	0.8748	0.9971	0.9895
39.0	0.9988	0.9463	0.5624	0.9933	0.9938	0.8873	0.9979	0.9925
39.1	0.9984	0.9457	0.6209	0.9916	0.9943	0.8634	0.9982	0.9932
39.2	0.9983	0.9281	0.5986	0.9882	0.9931	0.8723	0.9979	0.9919
39.3	0.9985	0.9260	0.6433	0.9884	0.9933	0.8960	0.9982	0.9919
39.4	0.9981	0.9349	0.7304	0.9891	0.9936	0.9250	0.9983	0.9921
39.5	0.9985	0.9332	0.7810	0.9891	0.9927	0.9148	0.9984	0.9909
39.6	0.9985	0.9249	0.7755	0.9863	0.9914	0.9137	0.9974	0.9903
39.7	0.9989	0.9402	0.7820	0.9893	0.9920	0.9142	0.9980	0.9913
39.8	0.9989	0.9265	0.7630	0.9889	0.9869	0.9324	0.9977	0.9873
39.9	0.9983	0.9050	0.7596	0.9856	0.9860	0.9445	0.9977	0.9848
40.0	0.9982	0.9198	0.8097	0.9865	0.9892	0.9635	0.9982	0.9879
40.1	0.9975	0.9222	0.8319	0.9814	0.9898	0.9663	0.9972	0.9883
40.2	0.9977	0.9286	0.8787	0.9839	0.9928	0.9739	0.9977	0.9915
40.3	0.9980	0.8984	0.8381	0.9810	0.9890	0.9751	0.9976	0.9878
40.4	0.9973	0.8688	0.7907	0.9829	0.9824	0.9700	0.9978	0.9813
40.5	0.9976	0.9020	0.8334	0.9817	0.9854	0.9790	0.9983	0.9841
40.6	0.9967	0.8915	0.8380	0.9760	0.9837	0.9768	0.9980	0.9811
40.7	0.9952	0.8813	0.8106	0.9709	0.9787	0.9762	0.9969	0.9766
40.8	0.9951	0.8740	0.7674	0.9686	0.9778	0.9711	0.9952	0.9745
40.9	0.9966	0.9035	0.8507	0.9796	0.9825	0.9793	0.9972	0.9783
41.0	0.9960	0.9066	0.8748	0.9763	0.9849	0.9785	0.9978	0.9818
41.1	0.9959	0.8770	0.8665	0.9731	0.9857	0.9807	0.9973	0.9827
41.2	0.9945	0.8145	0.8141	0.9691	0.9759	0.9788	0.9959	0.9771
41.3	0.9942	0.8498	0.8034	0.9802	0.9777	0.9758	0.9953	0.9755
41.4	0.9934	0.8619	0.8251	0.9699	0.9791	0.9698	0.9954	0.9722
41.5	0.9946	0.8332	0.8412	0.9580	0.9806	0.9631	0.9955	0.9754
41.6	0.9935	0.8271	0.8199	0.9538	0.9790	0.9675	0.9950	0.9753
41.7	0.9940	0.8486	0.8496	0.9655	0.9797	0.9690	0.9962	0.9782
41.8	0.9940	0.8261	0.7899	0.9655	0.9782	0.9644	0.9959	0.9743
41.9	0.9942	0.8171	0.8345	0.9556	0.9805	0.9603	0.9950	0.9686
42.0	0.9943	0.7814	0.8218	0.9473	0.9816	0.9319	0.9945	0.9718
42.1	0.9927	0.7736	0.7885	0.9518	0.9820	0.9402	0.9943	0.9731
42.2	0.9911	0.7551	0.8465	0.9453	0.9821	0.9341	0.9956	0.9610
42.3	0.9891	0.7496	0.7939	0.9168	0.9785	0.9285	0.9925	0.9593

42.4	0.9908	0.7911	0.8319	0.9307	0.9790	0.9371	0.9926	0.9624
42.5	0.9906	0.7424	0.8340	0.9349	0.9757	0.9376	0.9950	0.9660
42.6	0.9878	0.7138	0.7835	0.9357	0.9666	0.9153	0.9938	0.9606
42.7	0.9901	0.7731	0.8467	0.9528	0.9737	0.9299	0.9957	0.9668
42.8	0.9903	0.8138	0.8473	0.9528	0.9682	0.9268	0.9958	0.9644
42.9	0.9900	0.8401	0.8365	0.9560	0.9657	0.9334	0.9947	0.9597
43.0	0.9921	0.8048	0.8888	0.9591	0.9743	0.9431	0.9969	0.9695
43.1	0.9906	0.8261	0.8778	0.9586	0.9695	0.9264	0.9967	0.9645
43.2	0.9879	0.7802	0.8745	0.9530	0.9640	0.9057	0.9958	0.9528
43.3	0.9866	0.7829	0.8751	0.9503	0.9573	0.9026	0.9949	0.9484
43.4	0.9850	0.8070	0.8960	0.9419	0.9467	0.8879	0.9940	0.9314
43.5	0.9774	0.7850	0.8528	0.9414	0.9286	0.8785	0.9933	0.9223
43.6	0.9764	0.7750	0.8558	0.9398	0.9280	0.8875	0.9920	0.9095
43.7	0.9775	0.7537	0.8590	0.9413	0.9199	0.8525	0.9916	0.8996
43.8	0.9758	0.7954	0.8696	0.9653	0.9166	0.8446	0.9952	0.9149
43.9	0.9674	0.8126	0.8388	0.9637	0.8752	0.7535	0.9942	0.8641
44.0	0.9684	0.7916	0.8345	0.9479	0.8920	0.7168	0.9944	0.8720
44.1	0.9530	0.7479	0.8410	0.9363	0.8621	0.6332	0.9929	0.8117
44.2	0.9483	0.7659	0.8371	0.9418	0.8370	0.5219	0.9922	0.7428
44.3	0.9256	0.7451	0.8115	0.9362	0.7570	0.6012	0.9919	0.6941
44.4	0.9130	0.7347	0.7739	0.9233	0.7159	0.4872	0.9881	0.5767
44.5	0.9089	0.7367	0.7615	0.9112	0.7282	0.2780	0.9811	0.5638
44.6	0.9302	0.7996	0.8464	0.9440	0.8129	0.3984	0.9852	0.6188
44.7	0.9502	0.8711	0.8931	0.9654	0.8652	0.5819	0.9925	0.6815
44.8	0.9392	0.8632	0.8751	0.9515	0.8515	0.4882	0.9894	0.6166
44.9	0.9498	0.8814	0.9036	0.9648	0.8733	0.5983	0.9909	0.7171
45.0	0.9371	0.8599	0.8730	0.9594	0.8337	0.5720	0.9905	0.6721
45.1	0.9329	0.8801	0.8760	0.9661	0.8467	0.5872	0.9893	0.7016
45.2	0.9344	0.8995	0.8835	0.9725	0.8687	0.5852	0.9857	0.7443
45.3	0.9293	0.8452	0.8625	0.9558	0.8578	0.5594	0.9760	0.6962
45.4	0.9234	0.7742	0.8276	0.9401	0.8462	0.5762	0.9729	0.7007
45.5	0.9356	0.7834	0.8162	0.9346	0.8721	0.6411	0.9668	0.7817
45.6	0.9501	0.8458	0.8530	0.9572	0.9039	0.7049	0.9727	0.8371
45.7	0.9594	0.8374	0.8702	0.9714	0.9134	0.7398	0.9812	0.8576
45.8	0.9661	0.8130	0.8709	0.9779	0.9241	0.7086	0.9806	0.8802
45.9	0.9712	0.8423	0.8901	0.9731	0.9324	0.7552	0.9762	0.8788
46.0	0.9712	0.8578	0.8916	0.9769	0.9383	0.7792	0.9827	0.8979
46.1	0.9689	0.8228	0.8735	0.9680	0.9313	0.7517	0.9805	0.8800
46.2	0.9746	0.8137	0.8845	0.9780	0.9449	0.8160	0.9834	0.9085
46.3	0.9737	0.7710	0.8665	0.9808	0.9416	0.8115	0.9831	0.9141
46.4	0.9812	0.8028	0.8946	0.9776	0.9585	0.8347	0.9874	0.9401
46.5	0.9858	0.7979	0.9094	0.9834	0.9670	0.8388	0.9882	0.9525
46.6	0.9882	0.8166	0.9189	0.9872	0.9705	0.8772	0.9884	0.9529
46.7	0.9816	0.7605	0.8839	0.9764	0.9564	0.8505	0.9819	0.9303
46.8	0.9783	0.6580	0.8225	0.9717	0.9426	0.7541	0.9786	0.9129
46.9	0.9891	0.7130	0.8917	0.9754	0.9686	0.8246	0.9882	0.9506
47.0	0.9917	0.7190	0.9195	0.9824	0.9771	0.8948	0.9892	0.9610
47.1	0.9919	0.6643	0.8957	0.9802	0.9735	0.8842	0.9899	0.9608
47.2	0.9890	0.5764	0.8831	0.9775	0.9743	0.8684	0.9912	0.9639
47.3	0.9881	0.5815	0.8810	0.9756	0.9756	0.8730	0.9928	0.9636
47.4	0.9919	0.6527	0.9037	0.9829	0.9806	0.8801	0.9936	0.9744
47.5	0.9929	0.6618	0.9091	0.9798	0.9824	0.8842	0.9928	0.9752
47.6	0.9913	0.6157	0.8873	0.9668	0.9793	0.8769	0.9896	0.9636
47.7	0.9916	0.5922	0.8871	0.9752	0.9785	0.8934	0.9907	0.9613
47.8	0.9916	0.5645	0.8725	0.9802	0.9797	0.8570	0.9911	0.9661
47.9	0.9922	0.5744	0.8596	0.9798	0.9778	0.8288	0.9916	0.9650
48.0	0.9914	0.5917	0.8563	0.9793	0.9753	0.8482	0.9913	0.9572
48.1	0.9881	0.4618	0.8666	0.9738	0.9775	0.7907	0.9892	0.9482
48.2	0.9916	0.4437	0.8756	0.9765	0.9809	0.7738	0.9927	0.9692
48.3	0.9917	0.3836	0.8509	0.9805	0.9807	0.7384	0.9922	0.9687
48.4	0.9909	0.4165	0.8087	0.9763	0.9749	0.7316	0.9907	0.9552
48.5	0.9892	0.4890	0.7895	0.9685	0.9706	0.6772	0.9886	0.9506
48.6	0.9918	0.5961	0.8297	0.9788	0.9767	0.7712	0.9925	0.9665
48.7	0.9921	0.6993	0.8458	0.9809	0.9838	0.8047	0.9955	0.9747
48.8	0.9904	0.6709	0.8320	0.9815	0.9857	0.7548	0.9949	0.9765
48.9	0.9935	0.7095	0.8169	0.9839	0.9825	0.6917	0.9940	0.9746
49.0	0.9942	0.7743	0.8072	0.9833	0.9823	0.5904	0.9944	0.9710
49.1	0.9923	0.6251	0.7600	0.9790	0.9755	0.5109	0.9942	0.9582
49.2	0.9929	0.6394	0.8004	0.9816	0.9801	0.6833	0.9952	0.9574
49.3	0.9925	0.6427	0.7707	0.9781	0.9774	0.6523	0.9944	0.9500
49.4	0.9917	0.6251	0.8091	0.9769	0.9740	0.5285	0.9939	0.9532
49.5	0.9926	0.5944	0.7031	0.9796	0.9673	0.3762	0.9939	0.9440
49.6	0.9928	0.5494	0.5768	0.9779	0.9656	0.5997	0.9935	0.9413
49.7	0.9939	0.6445	0.7076	0.9812	0.9698	0.7059	0.9931	0.9540
49.8	0.9943	0.6595	0.6743	0.9807	0.9626	0.5857	0.9913	0.9435
49.9	0.9936	0.6210	0.6005	0.9720	0.9628	0.4043	0.9929	0.9111
50.0	0.9935	0.6207	0.6338	0.9769	0.9692	0.6047	0.9938	0.9340
50.1	0.9933	0.5723	0.6215	0.9753	0.9611	0.6438	0.9928	0.9261
50.2	0.9937	0.6708	0.6238	0.9801	0.9714	0.5740	0.9942	0.9380
50.3	0.9917	0.5979	0.4396	0.9771	0.9557	0.4296	0.9917	0.9012
50.4	0.9914	0.5689	0.4140	0.9754	0.9523	0.3528	0.9909	0.9061
50.5	0.9895	0.5590	0.3308	0.9686	0.9375	0.3297	0.9888	0.8834
50.6	0.9879	0.5097	0.1796	0.9667	0.9250	0.2237	0.9866	0.8006
50.7	0.9906	0.6010	0.2617	0.9684	0.9330	0.2700	0.9884	0.7115
50.8	0.9909	0.6233	0.3370	0.9589	0.8975	0.3708	0.9817	0.7502
50.9	0.9933	0.6489	0.4039	0.9738	0.9251	0.6986	0.9870	0.8130

51.0	0.9927	0.6875	0.4086	0.9737	0.9234	0.6711	0.9859	0.7859
51.1	0.9943	0.7650	0.4100	0.9746	0.9285	0.6453	0.9883	0.8851
51.2	0.9932	0.7547	0.4353	0.9759	0.9128	0.3584	0.9861	0.7738
51.3	0.9914	0.5692	0.4058	0.9779	0.8666	0.5989	0.9792	0.5673
51.4	0.9886	0.4730	0.4713	0.9686	0.8582	0.7095	0.9774	0.6503
51.5	0.9842	0.4848	0.4143	0.9620	0.8178	0.4797	0.9662	0.7575
51.6	0.9916	0.6491	0.4030	0.9718	0.8313	0.4420	0.9727	0.7933
51.7	0.9897	0.6293	0.4315	0.9645	0.8097	0.3808	0.9715	0.6809
51.8	0.9826	0.5675	0.3182	0.9418	0.7697	0.2345	0.9582	0.6087
51.9	0.9889	0.6199	0.5217	0.9560	0.7850	0.2355	0.9622	0.6218
52.0	0.9915	0.5978	0.5606	0.9651	0.8295	0.4216	0.9726	0.6613
52.1	0.9910	0.6413	0.6073	0.9624	0.7778	0.1979	0.9546	0.6288
52.2	0.9910	0.7167	0.5789	0.9605	0.8367	0.0529	0.9576	0.6412
52.3	0.9906	0.6765	0.5700	0.9661	0.8191	0.2188	0.9461	0.3912
52.4	0.9895	0.6090	0.6206	0.9660	0.7865	0.2940	0.9336	0.3578
52.5	0.9894	0.5265	0.6213	0.9554	0.7795	0.3478	0.9385	0.2991
52.6	0.9847	0.5250	0.6432	0.9510	0.7749	0.3750	0.9234	0.2988
52.7	0.9892	0.6592	0.8014	0.9610	0.8034	0.3926	0.9232	0.6416
52.8	0.9863	0.5467	0.7047	0.9599	0.7446	0.4232	0.9144	0.6153
52.9	0.9875	0.5665	0.7554	0.9542	0.7397	0.4082	0.9158	0.7042
53.0	0.9911	0.6464	0.8063	0.9548	0.7743	0.2963	0.9036	0.7363
53.1	0.9895	0.6071	0.7662	0.9482	0.7993	0.3964	0.9201	0.6709
53.2	0.9898	0.6859	0.7625	0.9250	0.8285	0.3207	0.9194	0.6646
53.3	0.9888	0.6570	0.7576	0.9456	0.8237	0.3877	0.9228	0.6567
53.4	0.9862	0.6278	0.8073	0.9590	0.8314	0.5191	0.9218	0.7274
53.5	0.9823	0.6015	0.8029	0.9404	0.7977	0.5240	0.8901	0.7093
53.6	0.9839	0.6245	0.8145	0.9375	0.8078	0.4460	0.8914	0.7004
53.7	0.9780	0.5072	0.8156	0.9269	0.7645	0.4524	0.8816	0.6446
53.8	0.9842	0.7023	0.8461	0.9453	0.8612	0.5575	0.9185	0.8106
53.9	0.9851	0.6941	0.8315	0.9555	0.8562	0.5879	0.9238	0.8063
54.0	0.9824	0.6667	0.8532	0.9320	0.8361	0.6246	0.9183	0.7504
54.1	0.9830	0.6922	0.8735	0.9342	0.8477	0.6727	0.9325	0.7821
54.2	0.9823	0.6979	0.8970	0.9468	0.8626	0.7360	0.9374	0.8552
54.3	0.9805	0.7276	0.8777	0.9297	0.8725	0.7404	0.9434	0.8576
54.4	0.9791	0.7370	0.8788	0.9320	0.8818	0.7740	0.9518	0.8698
54.5	0.9804	0.7620	0.8934	0.9340	0.8951	0.8187	0.9540	0.8684
54.6	0.9778	0.7170	0.8870	0.9159	0.8743	0.8175	0.9476	0.8760
54.7	0.9803	0.7387	0.9161	0.9214	0.8833	0.8505	0.9533	0.8964
54.8	0.9739	0.7434	0.9286	0.9224	0.8825	0.8490	0.9537	0.8904
54.9	0.9808	0.7973	0.9413	0.9418	0.9117	0.8643	0.9686	0.9098
55.0	0.9797	0.7767	0.9385	0.9374	0.8992	0.8704	0.9652	0.9081
55.1	0.9748	0.7353	0.9129	0.8973	0.8744	0.8672	0.9571	0.8847
55.2	0.9753	0.6972	0.9303	0.8924	0.8579	0.8522	0.9539	0.8604
55.3	0.9755	0.7452	0.9493	0.9195	0.8817	0.8994	0.9668	0.8860
55.4	0.9752	0.7901	0.9438	0.9256	0.8988	0.9321	0.9738	0.8990
55.5	0.9678	0.7307	0.9147	0.8926	0.8653	0.9051	0.9628	0.8734
55.6	0.9657	0.7348	0.9108	0.8674	0.8564	0.8902	0.9600	0.8638
55.7	0.9718	0.8045	0.9327	0.8839	0.8998	0.9377	0.9755	0.9055
55.8	0.9673	0.8008	0.9218	0.8549	0.8935	0.9396	0.9743	0.8985
55.9	0.9671	0.7962	0.9228	0.8509	0.8966	0.9365	0.9768	0.8810
56.0	0.9604	0.7369	0.9246	0.8716	0.8672	0.9260	0.9732	0.8723
56.1	0.9662	0.7460	0.9288	0.8944	0.8563	0.9252	0.9755	0.8718
56.2	0.9746	0.8453	0.9259	0.9176	0.9041	0.9463	0.9847	0.9329
56.3	0.9810	0.8646	0.9497	0.8948	0.9288	0.9587	0.9877	0.9321
56.4	0.9756	0.8380	0.9537	0.8745	0.9139	0.9555	0.9876	0.9197
56.5	0.9777	0.8579	0.9473	0.8925	0.9212	0.9650	0.9895	0.9176
56.6	0.9784	0.8574	0.9484	0.8563	0.9222	0.9682	0.9903	0.9117
56.7	0.9795	0.8455	0.9573	0.8716	0.9138	0.9647	0.9899	0.9016
56.8	0.9759	0.8334	0.9576	0.8520	0.9084	0.9609	0.9900	0.8745
56.9	0.9752	0.8131	0.9542	0.8505	0.9055	0.9610	0.9890	0.8636
57.0	0.9783	0.8022	0.9677	0.8454	0.8833	0.9652	0.9888	0.8358
57.1	0.9808	0.8229	0.9714	0.8513	0.8770	0.9749	0.9906	0.8539
57.2	0.9805	0.8891	0.9683	0.8478	0.9027	0.9784	0.9941	0.8717
57.3	0.9819	0.8917	0.9617	0.8406	0.9165	0.9794	0.9945	0.8879
57.4	0.9806	0.8846	0.9552	0.8160	0.8869	0.9743	0.9934	0.8436
57.5	0.9767	0.8656	0.9546	0.8549	0.8732	0.9706	0.9945	0.8093
57.6	0.9815	0.8677	0.9509	0.8777	0.8789	0.9644	0.9937	0.7955
57.7	0.9774	0.8214	0.9437	0.8569	0.8497	0.9518	0.9915	0.7965
57.8	0.9793	0.8276	0.9520	0.8664	0.8680	0.9660	0.9933	0.8409
57.9	0.9818	0.8637	0.9581	0.8987	0.8607	0.9745	0.9949	0.8894
58.0	0.9815	0.9119	0.9616	0.9141	0.8780	0.9760	0.9970	0.8966
58.1	0.9798	0.9283	0.9640	0.9066	0.8955	0.9758	0.9974	0.9018
58.2	0.9757	0.8714	0.9581	0.8953	0.8449	0.9635	0.9959	0.8811
58.3	0.9768	0.8206	0.9534	0.8798	0.7811	0.9577	0.9942	0.8533
58.4	0.9726	0.7640	0.9388	0.8983	0.7688	0.9640	0.9950	0.8769
58.5	0.9765	0.8052	0.9522	0.9190	0.8248	0.9765	0.9958	0.9123
58.6	0.9802	0.8048	0.9564	0.9247	0.8149	0.9689	0.9963	0.9287
58.7	0.9767	0.8425	0.9415	0.9210	0.7798	0.9579	0.9962	0.9295
58.8	0.9797	0.8661	0.9581	0.9460	0.8518	0.9730	0.9974	0.9344
58.9	0.9746	0.8293	0.9376	0.9303	0.8492	0.9746	0.9976	0.9281
59.0	0.9737	0.7834	0.9213	0.9170	0.8252	0.9571	0.9963	0.8367
59.1	0.9735	0.7171	0.9212	0.9237	0.8285	0.9448	0.9954	0.8058
59.2	0.9758	0.7405	0.9446	0.9220	0.8654	0.9631	0.9963	0.8759
59.3	0.9772	0.7538	0.9429	0.9509	0.8834	0.9692	0.9969	0.8839
59.4	0.9761	0.7381	0.9398	0.9531	0.8893	0.9712	0.9971	0.8955
59.5	0.9783	0.8014	0.9461	0.9445	0.8819	0.9649	0.9971	0.9047

59.6	0.9761	0.7634	0.9411	0.9359	0.8848	0.9591	0.9965	0.8775
59.7	0.9789	0.8259	0.9514	0.9625	0.9380	0.9687	0.9969	0.8858
59.8	0.9756	0.8477	0.9365	0.9497	0.9200	0.9540	0.9959	0.8311
59.9	0.9698	0.5559	0.8904	0.3339	0.8350	0.9459	0.9953	0.8163
60.0	0.9678	0.3264	0.8211	0.2238	0.7495	0.9372	0.9946	0.8249
60.1	0.9747	0.6958	0.9091	0.3784	0.8465	0.9327	0.9935	0.7887
60.2	0.9782	0.8572	0.9400	0.9504	0.8994	0.9170	0.9913	0.7718
60.3	0.9809	0.8583	0.9426	0.9496	0.8869	0.9088	0.9902	0.7965
60.4	0.9842	0.8876	0.9376	0.9653	0.8652	0.9226	0.9920	0.8081
60.5	0.9833	0.8977	0.9477	0.9631	0.8793	0.9296	0.9912	0.8115
60.6	0.9851	0.8892	0.9305	0.9656	0.8180	0.9222	0.9920	0.8453
60.7	0.9889	0.9053	0.9446	0.9694	0.8177	0.9375	0.9925	0.8817
60.8	0.9902	0.8983	0.9462	0.9695	0.8322	0.9431	0.9929	0.8957
60.9	0.9887	0.8840	0.9400	0.9718	0.8054	0.9209	0.9902	0.8124
61.0	0.9872	0.8835	0.9450	0.9612	0.7677	0.9093	0.9876	0.8149
61.1	0.9874	0.8789	0.9410	0.9643	0.8174	0.9208	0.9899	0.8535
61.2	0.9836	0.8665	0.9281	0.9553	0.8135	0.9253	0.9909	0.8460
61.3	0.9886	0.8896	0.9272	0.9691	0.8592	0.9439	0.9909	0.8940
61.4	0.9921	0.9160	0.9407	0.9726	0.8973	0.9471	0.9922	0.9194
61.5	0.9911	0.9052	0.9190	0.9644	0.8919	0.9391	0.9922	0.9029
61.6	0.9894	0.9121	0.9208	0.9689	0.9166	0.9394	0.9924	0.8893
61.7	0.9910	0.9026	0.9320	0.9788	0.9244	0.9517	0.9908	0.8744
61.8	0.9921	0.8996	0.9555	0.9807	0.9486	0.9482	0.9914	0.8796
61.9	0.9911	0.9164	0.9499	0.9796	0.9523	0.9530	0.9927	0.8825
62.0	0.9883	0.8999	0.9360	0.9690	0.9348	0.9432	0.9903	0.8491
62.1	0.9923	0.9225	0.9416	0.9758	0.9544	0.9530	0.9918	0.8749
62.2	0.9918	0.9318	0.9487	0.9769	0.9588	0.9579	0.9942	0.8709
62.3	0.9914	0.9101	0.9520	0.9792	0.9644	0.9399	0.9924	0.8457
62.4	0.9907	0.9072	0.9356	0.9764	0.9627	0.9382	0.9918	0.8517
62.5	0.9943	0.9301	0.9585	0.9801	0.9738	0.9680	0.9927	0.8989
62.6	0.9911	0.9097	0.9462	0.9745	0.9720	0.9565	0.9893	0.8660
62.7	0.9927	0.9444	0.9478	0.9790	0.9732	0.9659	0.9923	0.8757
62.8	0.9919	0.9526	0.9460	0.9780	0.9689	0.9625	0.9936	0.8689
62.9	0.9921	0.9497	0.9562	0.9801	0.9799	0.9727	0.9946	0.8926
63.0	0.9905	0.9518	0.9508	0.9785	0.9735	0.9706	0.9926	0.8664
63.1	0.9884	0.9340	0.9275	0.9689	0.9629	0.9611	0.9892	0.8490
63.2	0.9909	0.9489	0.9551	0.9759	0.9718	0.9739	0.9928	0.9017
63.3	0.9930	0.9550	0.9671	0.9821	0.9791	0.9847	0.9934	0.9203
63.4	0.9938	0.9502	0.9625	0.9820	0.9803	0.9814	0.9918	0.9360
63.5	0.9927	0.9396	0.9651	0.9800	0.9855	0.9794	0.9914	0.9393
63.6	0.9926	0.9461	0.9613	0.9776	0.9828	0.9788	0.9899	0.9227
63.7	0.9926	0.9482	0.9628	0.9856	0.9830	0.9736	0.9900	0.9210
63.8	0.9927	0.9532	0.9637	0.9872	0.9820	0.9819	0.9912	0.9481
63.9	0.9937	0.9491	0.9596	0.9883	0.9834	0.9872	0.9921	0.9570
64.0	0.9938	0.9578	0.9701	0.9868	0.9833	0.9858	0.9928	0.9685
64.1	0.9943	0.9598	0.9688	0.9865	0.9829	0.9852	0.9926	0.9707
64.2	0.9930	0.9540	0.9518	0.9840	0.9811	0.9787	0.9879	0.9640
64.3	0.9954	0.9735	0.9745	0.9913	0.9889	0.9858	0.9942	0.9767
64.4	0.9949	0.9649	0.9805	0.9912	0.9878	0.9874	0.9944	0.9736
64.5	0.9929	0.9462	0.9666	0.9862	0.9809	0.9829	0.9903	0.9608
64.6	0.9952	0.9680	0.9750	0.9879	0.9866	0.9891	0.9929	0.9751
64.7	0.9932	0.9661	0.9705	0.9880	0.9848	0.9857	0.9914	0.9728
64.8	0.9919	0.9606	0.9653	0.9853	0.9819	0.9842	0.9904	0.9721
64.9	0.9935	0.9542	0.9725	0.9862	0.9797	0.9854	0.9905	0.9764
65.0	0.9959	0.9587	0.9713	0.9888	0.9816	0.9861	0.9903	0.9781
65.1	0.9956	0.9737	0.9773	0.9892	0.9857	0.9900	0.9920	0.9807
65.2	0.9910	0.9620	0.9627	0.9846	0.9791	0.9857	0.9882	0.9669
65.3	0.9908	0.9504	0.9614	0.9847	0.9822	0.9851	0.9909	0.9638
65.4	0.9910	0.9441	0.9573	0.9844	0.9798	0.9837	0.9896	0.9640
65.5	0.9878	0.9250	0.9535	0.9782	0.9739	0.9801	0.9872	0.9680
65.6	0.9902	0.9387	0.9578	0.9809	0.9822	0.9834	0.9877	0.9682
65.7	0.9898	0.9289	0.9601	0.9823	0.9785	0.9832	0.9874	0.9642
65.8	0.9909	0.9362	0.9622	0.9851	0.9767	0.9842	0.9875	0.9719
65.9	0.9937	0.9440	0.9725	0.9892	0.9830	0.9867	0.9891	0.9806
66.0	0.9951	0.9513	0.9815	0.9890	0.9847	0.9899	0.9907	0.9841
66.1	0.9937	0.9552	0.9781	0.9872	0.9826	0.9887	0.9908	0.9821
66.2	0.9918	0.9484	0.9721	0.9854	0.9839	0.9877	0.9890	0.9765
66.3	0.9916	0.9361	0.9739	0.9832	0.9859	0.9892	0.9890	0.9749
66.4	0.9916	0.9240	0.9693	0.9876	0.9848	0.9836	0.9898	0.9719
66.5	0.9924	0.9383	0.9746	0.9872	0.9873	0.9851	0.9890	0.9773
66.6	0.9912	0.9467	0.9729	0.9838	0.9845	0.9854	0.9884	0.9798
66.7	0.9915	0.9456	0.9707	0.9862	0.9800	0.9845	0.9895	0.9801
66.8	0.9933	0.9538	0.9773	0.9887	0.9837	0.9884	0.9908	0.9854
66.9	0.9913	0.9465	0.9745	0.9861	0.9808	0.9885	0.9860	0.9828
67.0	0.9941	0.9486	0.9809	0.9888	0.9863	0.9888	0.9913	0.9843
67.1	0.9945	0.9512	0.9811	0.9893	0.9811	0.9895	0.9907	0.9853
67.2	0.9917	0.9365	0.9815	0.9874	0.9819	0.9869	0.9886	0.9872
67.3	0.9926	0.9301	0.9818	0.9908	0.9859	0.9871	0.9904	0.9858
67.4	0.9917	0.9040	0.9793	0.9869	0.9831	0.9845	0.9895	0.9814
67.5	0.9893	0.9065	0.9720	0.9857	0.9823	0.9850	0.9869	0.9805
67.6	0.9940	0.9384	0.9811	0.9915	0.9842	0.9883	0.9915	0.9863
67.7	0.9946	0.9190	0.9820	0.9917	0.9813	0.9847	0.9910	0.9841
67.8	0.9920	0.9124	0.9747	0.9897	0.9792	0.9847	0.9892	0.9845
67.9	0.9908	0.9039	0.9772	0.9892	0.9784	0.9850	0.9870	0.9870
68.0	0.9904	0.9127	0.9774	0.9863	0.9730	0.9837	0.9825	0.9841
68.1	0.9881	0.8806	0.9714	0.9826	0.9683	0.9778	0.9827	0.9815

68.2	0.9882	0.8705	0.9666	0.9850	0.9618	0.9784	0.9833	0.9853
68.3	0.9895	0.9106	0.9643	0.9876	0.9699	0.9848	0.9852	0.9840
68.4	0.9856	0.8910	0.9578	0.9830	0.9673	0.9799	0.9819	0.9771
68.5	0.9897	0.9041	0.9770	0.9875	0.9750	0.9843	0.9880	0.9859
68.6	0.9876	0.9134	0.9759	0.9847	0.9783	0.9836	0.9889	0.9837
68.7	0.9859	0.9031	0.9628	0.9842	0.9733	0.9822	0.9854	0.9842
68.8	0.9826	0.9023	0.9462	0.9820	0.9666	0.9784	0.9797	0.9826
68.9	0.9866	0.9015	0.9643	0.9800	0.9607	0.9806	0.9795	0.9838
69.0	0.9886	0.9159	0.9741	0.9795	0.9570	0.9838	0.9782	0.9864
69.1	0.9874	0.9018	0.9692	0.9821	0.9663	0.9825	0.9829	0.9862
69.2	0.9878	0.8988	0.9671	0.9839	0.9667	0.9825	0.9826	0.9864
69.3	0.9869	0.9179	0.9736	0.9843	0.9682	0.9852	0.9814	0.9833
69.4	0.9852	0.9256	0.9690	0.9817	0.9708	0.9859	0.9814	0.9853
69.5	0.9871	0.9156	0.9745	0.9851	0.9632	0.9849	0.9788	0.9859
69.6	0.9875	0.9141	0.9704	0.9825	0.9617	0.9857	0.9776	0.9849
69.7	0.9847	0.8992	0.9719	0.9799	0.9538	0.9846	0.9752	0.9818
69.8	0.9889	0.8742	0.9637	0.9837	0.9586	0.9846	0.9779	0.9830
69.9	0.9859	0.8799	0.9563	0.9789	0.9595	0.9824	0.9751	0.9784
70.0	0.9910	0.8964	0.9749	0.9859	0.9658	0.9869	0.9810	0.9851
70.1	0.9908	0.8995	0.9775	0.9849	0.9685	0.9850	0.9825	0.9869
70.2	0.9906	0.9038	0.9770	0.9843	0.9673	0.9882	0.9823	0.9877
70.3	0.9853	0.8734	0.9663	0.9778	0.9571	0.9839	0.9755	0.9800
70.4	0.9819	0.8869	0.9599	0.9745	0.9596	0.9819	0.9743	0.9786
70.5	0.9850	0.8910	0.9625	0.9780	0.9591	0.9845	0.9763	0.9822
70.6	0.9864	0.9064	0.9716	0.9834	0.9623	0.9853	0.9792	0.9850
70.7	0.9884	0.8859	0.9748	0.9857	0.9646	0.9859	0.9815	0.9864
70.8	0.9864	0.8870	0.9690	0.9828	0.9605	0.9817	0.9774	0.9835
70.9	0.9862	0.8996	0.9715	0.9852	0.9628	0.9810	0.9798	0.9820
71.0	0.9829	0.8693	0.9582	0.9814	0.9551	0.9787	0.9752	0.9778
71.1	0.9802	0.8779	0.9588	0.9752	0.9460	0.9805	0.9687	0.9769
71.2	0.9778	0.8608	0.9646	0.9729	0.9405	0.9760	0.9661	0.9746
71.3	0.9783	0.8518	0.9522	0.9742	0.9409	0.9732	0.9674	0.9757
71.4	0.9843	0.8581	0.9654	0.9834	0.9520	0.9778	0.9745	0.9823
71.5	0.9814	0.8315	0.9522	0.9788	0.9365	0.9700	0.9665	0.9772
71.6	0.9809	0.8154	0.9424	0.9767	0.9325	0.9706	0.9641	0.9759
71.7	0.9860	0.8471	0.9485	0.9833	0.9466	0.9758	0.9736	0.9806
71.8	0.9782	0.8022	0.9427	0.9753	0.9417	0.9595	0.9669	0.9719
71.9	0.9791	0.8153	0.9441	0.9768	0.9464	0.9565	0.9684	0.9735
72.0	0.9875	0.8527	0.9613	0.9868	0.9540	0.9696	0.9787	0.9824
72.1	0.9925	0.8542	0.9685	0.9929	0.9617	0.9767	0.9859	0.9873
72.2	0.9887	0.8415	0.9650	0.9897	0.9625	0.9710	0.9842	0.9872
72.3	0.9818	0.8094	0.9455	0.9837	0.9473	0.9496	0.9735	0.9760
72.4	0.9831	0.7523	0.9460	0.9833	0.9475	0.9467	0.9752	0.9804
72.5	0.9811	0.6963	0.9128	0.9811	0.9291	0.9394	0.9706	0.9759
72.6	0.9765	0.6519	0.8804	0.9792	0.9075	0.9327	0.9636	0.9722
72.7	0.9756	0.6430	0.9113	0.9789	0.9121	0.9240	0.9653	0.9756
72.8	0.9840	0.6782	0.9001	0.9849	0.9332	0.9376	0.9759	0.9803
72.9	0.9869	0.7014	0.9002	0.9857	0.9444	0.9438	0.9784	0.9813
73.0	0.9884	0.7584	0.9170	0.9890	0.9531	0.9496	0.9828	0.9862
73.1	0.9859	0.7325	0.9203	0.9879	0.9478	0.9474	0.9811	0.9874
73.2	0.9796	0.6549	0.9074	0.9833	0.9160	0.9436	0.9712	0.9830
73.3	0.9836	0.6757	0.8971	0.9842	0.9273	0.9511	0.9769	0.9820
73.4	0.9855	0.6201	0.8998	0.9843	0.9083	0.9580	0.9743	0.9845
73.5	0.9871	0.5996	0.8941	0.9881	0.9018	0.9617	0.9745	0.9867
73.6	0.9846	0.6149	0.8813	0.9870	0.9166	0.9622	0.9791	0.9878
73.7	0.9797	0.6299	0.8796	0.9827	0.9190	0.9607	0.9769	0.9854
73.8	0.9763	0.6306	0.9021	0.9785	0.9002	0.9668	0.9699	0.9832
73.9	0.9844	0.5355	0.9018	0.9859	0.8771	0.9726	0.9705	0.9848
74.0	0.9829	0.4432	0.8812	0.9852	0.8674	0.9733	0.9701	0.9868
74.1	0.9819	0.4413	0.8660	0.9852	0.8747	0.9758	0.9688	0.9848
74.2	0.9822	0.4787	0.8872	0.9871	0.8826	0.9772	0.9717	0.9858
74.3	0.9825	0.4755	0.9129	0.9884	0.8932	0.9756	0.9766	0.9867
74.4	0.9811	0.3815	0.8969	0.9860	0.8609	0.9730	0.9720	0.9871
74.5	0.9796	0.3578	0.8787	0.9854	0.8373	0.9745	0.9688	0.9860
74.6	0.9790	0.2250	0.8437	0.9852	0.8056	0.9715	0.9595	0.9790
74.7	0.9783	0.2790	0.8267	0.9845	0.7757	0.9670	0.9549	0.9776
74.8	0.9783	0.2319	0.8552	0.9836	0.7718	0.9759	0.9511	0.9784
74.9	0.9729	0.2165	0.8627	0.9822	0.7549	0.9726	0.9464	0.9772
75.0	0.9717	0.2236	0.8644	0.9819	0.7939	0.9726	0.9511	0.9784
75.1	0.9748	0.1327	0.8730	0.9836	0.7417	0.9779	0.9417	0.9776
75.2	0.9721	0.1163	0.8463	0.9812	0.7401	0.9733	0.9381	0.9746
75.3	0.9673	0.1378	0.8385	0.9809	0.7665	0.9711	0.9415	0.9775
75.4	0.9719	0.0724	0.8485	0.9843	0.7226	0.9743	0.9360	0.9739
75.5	0.9590	0.0100	0.8034	0.9785	0.7066	0.9678	0.9321	0.9671
75.6	0.9541	0.0118	0.7649	0.9737	0.7004	0.9659	0.9216	0.9649
75.7	0.9510	0.0157	0.7480	0.9766	0.6818	0.9484	0.9108	0.9521
75.8	0.9462	0.0651	0.7597	0.9795	0.6780	0.9465	0.9150	0.9548
75.9	0.9656	0.0387	0.8047	0.9787	0.6954	0.9651	0.9187	0.9670
76.0	0.9605	0.0530	0.7665	0.9739	0.6581	0.9554	0.9127	0.9645
76.1	0.9611	0.0840	0.7544	0.9751	0.6620	0.9598	0.9131	0.9642
76.2	0.9624	0.0250	0.7798	0.9766	0.7847	0.9558	0.9368	0.9612
76.3	0.9780	0.0390	0.8385	0.9863	0.8265	0.9683	0.9527	0.9708
76.4	0.9680	0.1209	0.7437	0.9833	0.7655	0.9570	0.9413	0.9596
76.5	0.9562	0.1104	0.6939	0.9832	0.7583	0.9423	0.9365	0.9565
76.6	0.9685	0.1108	0.7503	0.9864	0.7674	0.9595	0.9424	0.9615
76.7	0.9680	0.0809	0.8157	0.9834	0.7761	0.9668	0.9420	0.9626

76.8	0.9775	0.0611	0.8334	0.9867	0.8542	0.9744	0.9644	0.9730
76.9	0.9785	0.1870	0.7389	0.9875	0.7789	0.9600	0.9561	0.9629
77.0	0.9588	0.2075	0.6121	0.9804	0.6663	0.9332	0.9324	0.9408
77.1	0.9691	0.1479	0.7227	0.9811	0.7548	0.9537	0.9431	0.9507
77.2	0.9710	0.2102	0.6804	0.9789	0.7878	0.9400	0.9424	0.9370
77.3	0.9722	0.3405	0.6772	0.9796	0.7858	0.9382	0.9420	0.9457
77.4	0.9790	0.4013	0.6934	0.9837	0.7765	0.9440	0.9460	0.9374
77.5	0.9732	0.3636	0.6728	0.9782	0.7740	0.9280	0.9449	0.9364
77.6	0.9738	0.3881	0.7169	0.9837	0.8614	0.9423	0.9591	0.9501
77.7	0.9771	0.5013	0.6672	0.9831	0.8435	0.9442	0.9591	0.9407
77.8	0.9747	0.4106	0.6016	0.9755	0.7234	0.9342	0.9403	0.9167
77.9	0.9691	0.4177	0.6096	0.9776	0.7189	0.9201	0.9435	0.9260
78.0	0.9791	0.3677	0.7243	0.9852	0.7991	0.9374	0.9587	0.9501
78.1	0.9786	0.3804	0.7194	0.9828	0.7819	0.9251	0.9487	0.9351
78.2	0.9611	0.3860	0.4957	0.9692	0.6289	0.8827	0.9130	0.9023
78.3	0.9561	0.4196	0.4834	0.9679	0.6806	0.8837	0.9270	0.9091
78.4	0.9703	0.5681	0.5017	0.9731	0.7400	0.8868	0.9461	0.9039
78.5	0.9609	0.3461	0.4746	0.9755	0.7516	0.8989	0.9474	0.8757
78.6	0.9710	0.5212	0.3020	0.9786	0.7102	0.9179	0.9536	0.8940
78.7	0.9635	0.5241	0.2686	0.9657	0.6639	0.8887	0.9282	0.8606
78.8	0.9660	0.5665	0.2098	0.9705	0.6767	0.8840	0.9345	0.8374
78.9	0.9688	0.6113	0.0249	0.9739	0.7226	0.8696	0.9364	0.8242
79.0	0.9612	0.5898	0.0843	0.9718	0.7469	0.8603	0.9240	0.7269
79.1	0.9554	0.6350	0.2505	0.9657	0.7875	0.8863	0.9454	0.7257
79.2	0.9556	0.4248	0.3536	0.9688	0.7451	0.8672	0.9495	0.7047
79.3	0.9655	0.2713	0.4006	0.9661	0.6341	0.8627	0.9364	0.5679
79.4	0.9761	0.3468	0.6002	0.9693	0.7605	0.9133	0.9465	0.5037
79.5	0.9718	0.4038	0.5530	0.9714	0.7797	0.9023	0.9496	0.3902
79.6	0.9687	0.3731	0.4213	0.9704	0.7357	0.8746	0.9355	0.1684
79.7	0.9788	0.4163	0.3617	0.9607	0.7136	0.8991	0.9314	0.0759
79.8	0.9683	0.3176	0.4837	0.9621	0.7039	0.9040	0.9208	0.0882
79.9	0.9569	0.3358	0.4979	0.9673	0.6900	0.8794	0.9157	0.0511
80.0	0.9710	0.3989	0.4832	0.9608	0.7500	0.9036	0.9356	0.1646

2.2.92 Run 8 – VT315-200 – Accels 9–16

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0468	0.3624	0.0775	0.4306	0.1799	0.1074	0.0492	0.3084
0.1	0.0376	0.0344	0.0256	0.0559	0.0225	0.0289	0.0070	0.0307
0.2	0.0969	0.0120	0.0101	0.0353	0.0086	0.0118	0.0034	0.0065
0.3	0.0315	0.0403	0.0106	0.0190	0.0312	0.0084	0.0048	0.0129
0.4	0.0311	0.0121	0.0056	0.0214	0.0177	0.0005	0.0026	0.0024
0.5	0.0192	0.0394	0.0314	0.0073	0.0007	0.0076	0.0193	0.0172
0.6	0.0075	0.0216	0.0456	0.0423	0.0155	0.0028	0.0152	0.0083
0.7	0.0036	0.0045	0.0055	0.0256	0.0051	0.0261	0.0415	0.0097
0.8	0.0209	0.0071	0.0170	0.0147	0.0058	0.0401	0.0511	0.0734
0.9	0.0162	0.0063	0.0353	0.0001	0.0357	0.0296	0.0320	0.2198
1.0	0.0104	0.0583	0.0152	0.0271	0.1059	0.0527	0.0045	0.1765
1.1	0.0363	0.1988	0.0085	0.0114	0.1103	0.0062	0.0540	0.2905
1.2	0.0308	0.1527	0.0088	0.0586	0.0912	0.0002	0.1161	0.3398
1.3	0.0013	0.0279	0.0428	0.0573	0.2888	0.0077	0.0916	0.5469
1.4	0.0433	0.0247	0.0034	0.0250	0.3621	0.0176	0.1114	0.5940
1.5	0.1154	0.0772	0.0114	0.0197	0.4195	0.0359	0.0153	0.5833
1.6	0.2559	0.2104	0.0800	0.1188	0.4376	0.0868	0.1334	0.6904
1.7	0.2204	0.2895	0.1978	0.3205	0.5344	0.0135	0.3356	0.7654
1.8	0.3639	0.5268	0.2353	0.8109	0.5807	0.0832	0.8192	0.7990
1.9	0.5756	0.6724	0.1887	0.7213	0.6769	0.2402	0.7328	0.8391
2.0	0.4848	0.5550	0.3194	0.5328	0.5941	0.3322	0.5365	0.8359
2.1	0.3656	0.4322	0.3913	0.3843	0.7147	0.3665	0.3831	0.8456
2.2	0.2163	0.2369	0.1535	0.2120	0.7877	0.2611	0.2149	0.8266
2.3	0.3026	0.2142	0.2270	0.2854	0.8784	0.3270	0.2880	0.9469
2.4	0.6094	0.0203	0.0978	0.5933	0.8265	0.1691	0.5817	0.8848
2.5	0.4532	0.2781	0.0782	0.5016	0.8248	0.0789	0.4818	0.8470
2.6	0.5810	0.7579	0.1929	0.6302	0.9410	0.2096	0.6072	0.9556
2.7	0.7100	0.9364	0.4193	0.7431	0.9594	0.4749	0.7644	0.9661
2.8	0.5909	0.9319	0.3707	0.7356	0.9542	0.2204	0.7649	0.9735
2.9	0.3314	0.9093	0.2647	0.5557	0.9419	0.0735	0.5853	0.9755
3.0	0.2775	0.9250	0.2738	0.5392	0.9524	0.0865	0.4621	0.9778
3.1	0.1067	0.9112	0.1100	0.4240	0.9453	0.0817	0.2797	0.9750
3.2	0.0879	0.8748	0.1301	0.1896	0.9290	0.1070	0.2873	0.9571
3.3	0.2057	0.8833	0.0667	0.2926	0.9474	0.0451	0.3857	0.9683
3.4	0.1580	0.8733	0.0486	0.3791	0.9558	0.0491	0.4378	0.9746
3.5	0.0969	0.7896	0.0751	0.3064	0.9224	0.0661	0.2677	0.9428
3.6	0.0055	0.6137	0.0618	0.1547	0.8885	0.0524	0.1845	0.8926
3.7	0.4193	0.1370	0.0632	0.4091	0.9574	0.0785	0.3830	0.9602
3.8	0.7686	0.5279	0.1659	0.7381	0.9924	0.0299	0.7686	0.9934
3.9	0.8178	0.9145	0.4201	0.7605	0.9965	0.0345	0.8218	0.9973
4.0	0.7976	0.9489	0.3496	0.7276	0.9966	0.0599	0.8053	0.9971
4.1	0.8325	0.9594	0.2211	0.6798	0.9974	0.1423	0.8506	0.9977
4.2	0.7482	0.9515	0.1311	0.6400	0.9955	0.0188	0.7826	0.9961
4.3	0.6147	0.9429	0.1658	0.4229	0.9949	0.0490	0.5844	0.9968
4.4	0.5699	0.9356	0.1369	0.4244	0.9934	0.1685	0.5090	0.9962
4.5	0.6388	0.8956	0.0621	0.6521	0.9928	0.1356	0.6449	0.9947
4.6	0.5830	0.8297	0.0271	0.5311	0.9916	0.0703	0.6825	0.9916
4.7	0.7061	0.8054	0.1093	0.6950	0.9884	0.1808	0.7267	0.9922
4.8	0.7993	0.8459	0.2949	0.8158	0.9877	0.0142	0.8088	0.9910
4.9	0.7504	0.6973	0.1612	0.7203	0.9756	0.0157	0.7218	0.9818
5.0	0.6819	0.3625	0.0446	0.6060	0.9914	0.1401	0.6273	0.9949
5.1	0.8567	0.6570	0.2956	0.7931	0.9950	0.1774	0.8476	0.9962
5.2	0.7344	0.8140	0.4364	0.6381	0.9924	0.3505	0.7105	0.9932
5.3	0.4828	0.6872	0.4755	0.2372	0.9872	0.4037	0.3149	0.9884
5.4	0.2127	0.6813	0.5070	0.0843	0.9720	0.4906	0.0177	0.9776
5.5	0.1378	0.6861	0.4514	0.1438	0.9850	0.4488	0.0820	0.9869
5.6	0.7104	0.7896	0.6299	0.5852	0.9938	0.6206	0.6472	0.9945
5.7	0.9024	0.8767	0.6842	0.8416	0.9950	0.7584	0.8564	0.9952
5.8	0.9595	0.9271	0.7722	0.9490	0.9953	0.8324	0.9525	0.9955
5.9	0.9707	0.9097	0.8258	0.9388	0.9969	0.8433	0.9537	0.9970
6.0	0.9668	0.8513	0.7481	0.9189	0.9928	0.8551	0.9436	0.9927
6.1	0.9899	0.9324	0.8257	0.9530	0.9934	0.8913	0.9722	0.9935
6.2	0.9928	0.9760	0.9045	0.9674	0.9954	0.9199	0.9851	0.9954
6.3	0.9922	0.9743	0.9108	0.9564	0.9934	0.9267	0.9849	0.9935
6.4	0.9931	0.9774	0.9073	0.9636	0.9930	0.9040	0.9881	0.9932
6.5	0.9904	0.9649	0.9265	0.9070	0.9876	0.8824	0.9740	0.9881
6.6	0.9887	0.9659	0.9113	0.8627	0.9879	0.8552	0.9711	0.9880
6.7	0.9867	0.9661	0.9328	0.9134	0.9850	0.8908	0.9698	0.9853
6.8	0.9778	0.9429	0.9234	0.9417	0.9677	0.8836	0.9687	0.9682
6.9	0.9716	0.9273	0.9290	0.9484	0.9549	0.8940	0.9652	0.9556
7.0	0.9584	0.9108	0.8983	0.8923	0.9344	0.8492	0.9661	0.9350
7.1	0.9326	0.8878	0.8659	0.7666	0.9046	0.8283	0.8993	0.9048
7.2	0.9467	0.9244	0.9015	0.8250	0.9271	0.8767	0.6895	0.9273
7.3	0.9484	0.9449	0.9384	0.8363	0.9437	0.9259	0.7560	0.9435
7.4	0.8957	0.9334	0.9467	0.8757	0.9252	0.9443	0.8056	0.9247
7.5	0.9229	0.9729	0.9603	0.9609	0.9630	0.9505	0.8549	0.9627
7.6	0.9239	0.9882	0.9706	0.9897	0.9798	0.9610	0.8852	0.9794
7.7	0.9603	0.9963	0.9780	0.9938	0.9923	0.9654	0.9646	0.9922
7.8	0.9715	0.9991	0.9734	0.9948	0.9983	0.9608	0.9818	0.9982
7.9	0.9470	0.9965	0.9604	0.9945	0.9971	0.9430	0.9726	0.9970

8.0	0.8951	0.9956	0.9727	0.9891	0.9945	0.9611	0.9453	0.9943
8.1	0.9217	0.9982	0.9721	0.9945	0.9988	0.9617	0.9827	0.9988
8.2	0.8900	0.9972	0.9736	0.9960	0.9980	0.9650	0.9842	0.9979
8.3	0.9001	0.9982	0.9780	0.9958	0.9987	0.9732	0.9827	0.9987
8.4	0.8653	0.9977	0.9816	0.9939	0.9987	0.9771	0.9789	0.9987
8.5	0.8271	0.9961	0.9785	0.9937	0.9979	0.9745	0.9783	0.9978
8.6	0.8957	0.9954	0.9827	0.9937	0.9978	0.9795	0.9843	0.9977
8.7	0.9034	0.9909	0.9782	0.9931	0.9945	0.9764	0.9873	0.9942
8.8	0.9505	0.9931	0.9870	0.9956	0.9952	0.9841	0.9949	0.9950
8.9	0.9526	0.9891	0.9848	0.9966	0.9916	0.9823	0.9954	0.9914
9.0	0.9502	0.9864	0.9820	0.9972	0.9848	0.9806	0.9930	0.9843
9.1	0.9656	0.9857	0.9838	0.9946	0.9867	0.9833	0.9932	0.9863
9.2	0.9303	0.9508	0.9677	0.9942	0.9576	0.9697	0.9927	0.9566
9.3	0.9410	0.9576	0.9663	0.9938	0.9592	0.9661	0.9901	0.9583
9.4	0.9329	0.9447	0.9460	0.9865	0.9418	0.9458	0.9924	0.9411
9.5	0.9569	0.9589	0.9411	0.9857	0.9532	0.9375	0.9937	0.9531
9.6	0.9484	0.9447	0.8960	0.9778	0.9321	0.8893	0.9914	0.9327
9.7	0.9791	0.9813	0.9434	0.9922	0.9755	0.9272	0.9973	0.9762
9.8	0.9849	0.9875	0.9425	0.9921	0.9829	0.9265	0.9966	0.9835
9.9	0.9876	0.9933	0.9343	0.9912	0.9895	0.9215	0.9967	0.9902
10.0	0.9927	0.9944	0.9337	0.9843	0.9915	0.9396	0.9969	0.9922
10.1	0.9923	0.9956	0.9353	0.9924	0.9934	0.9580	0.9976	0.9943
10.2	0.9895	0.9952	0.9438	0.9958	0.9924	0.9634	0.9970	0.9936
10.3	0.9911	0.9983	0.9626	0.9981	0.9975	0.9773	0.9982	0.9976
10.4	0.9903	0.9978	0.9579	0.9967	0.9963	0.9793	0.9976	0.9970
10.5	0.9941	0.9984	0.9815	0.9962	0.9985	0.9885	0.9971	0.9989
10.6	0.9948	0.9976	0.9785	0.9967	0.9980	0.9890	0.9971	0.9987
10.7	0.9944	0.9975	0.9815	0.9971	0.9982	0.9910	0.9972	0.9987
10.8	0.9962	0.9986	0.9854	0.9980	0.9988	0.9903	0.9981	0.9990
10.9	0.9955	0.9980	0.9815	0.9965	0.9982	0.9900	0.9969	0.9989
11.0	0.9967	0.9981	0.9901	0.9979	0.9989	0.9948	0.9980	0.9993
11.1	0.9970	0.9975	0.9903	0.9975	0.9991	0.9944	0.9976	0.9994
11.2	0.9974	0.9965	0.9937	0.9979	0.9991	0.9963	0.9979	0.9996
11.3	0.9976	0.9959	0.9946	0.9974	0.9992	0.9971	0.9977	0.9995
11.4	0.9976	0.9955	0.9941	0.9974	0.9991	0.9958	0.9976	0.9994
11.5	0.9974	0.9950	0.9942	0.9967	0.9989	0.9962	0.9968	0.9994
11.6	0.9974	0.9946	0.9954	0.9964	0.9990	0.9970	0.9965	0.9992
11.7	0.9976	0.9923	0.9960	0.9960	0.9984	0.9965	0.9963	0.9991
11.8	0.9975	0.9917	0.9965	0.9949	0.9983	0.9969	0.9954	0.9988
11.9	0.9974	0.9904	0.9966	0.9934	0.9983	0.9962	0.9931	0.9984
12.0	0.9969	0.9898	0.9965	0.9929	0.9982	0.9959	0.9934	0.9986
12.1	0.9973	0.9889	0.9963	0.9935	0.9982	0.9965	0.9939	0.9985
12.2	0.9971	0.9853	0.9956	0.9919	0.9984	0.9970	0.9922	0.9984
12.3	0.9943	0.9823	0.9912	0.9893	0.9981	0.9956	0.9897	0.9976
12.4	0.9933	0.9849	0.9924	0.9902	0.9980	0.9960	0.9907	0.9979
12.5	0.9926	0.9847	0.9911	0.9910	0.9981	0.9970	0.9913	0.9983
12.6	0.9894	0.9879	0.9895	0.9925	0.9978	0.9980	0.9929	0.9984
12.7	0.9854	0.9845	0.9862	0.9915	0.9969	0.9981	0.9920	0.9979
12.8	0.9915	0.9876	0.9936	0.9969	0.9968	0.9987	0.9970	0.9988
12.9	0.9848	0.9752	0.9918	0.9974	0.9949	0.9978	0.9976	0.9973
13.0	0.9856	0.9753	0.9914	0.9970	0.9947	0.9962	0.9971	0.9968
13.1	0.9866	0.9720	0.9931	0.9959	0.9905	0.9946	0.9959	0.9964
13.2	0.9842	0.9616	0.9950	0.9905	0.9820	0.9938	0.9907	0.9960
13.3	0.9647	0.9220	0.9902	0.9731	0.9512	0.9886	0.9742	0.9927
13.4	0.9534	0.9189	0.9866	0.9612	0.9289	0.9818	0.9625	0.9914
13.5	0.9505	0.9170	0.9862	0.9601	0.9383	0.9790	0.9616	0.9954
13.6	0.9491	0.9260	0.9831	0.9607	0.9497	0.9726	0.9622	0.9959
13.7	0.9526	0.9351	0.9745	0.9636	0.9593	0.9607	0.9650	0.9891
13.8	0.9469	0.9384	0.9686	0.9634	0.9617	0.9574	0.9650	0.9785
13.9	0.9800	0.9681	0.9735	0.9869	0.9758	0.9687	0.9881	0.9777
14.0	0.9889	0.9592	0.9620	0.9939	0.9685	0.9581	0.9937	0.9677
14.1	0.9959	0.9428	0.9504	0.9950	0.9582	0.9480	0.9929	0.9587
14.2	0.9941	0.9346	0.9496	0.9921	0.9549	0.9489	0.9892	0.9579
14.3	0.9888	0.9181	0.9428	0.9888	0.9438	0.9429	0.9856	0.9506
14.4	0.9926	0.9517	0.9706	0.9936	0.9685	0.9712	0.9925	0.9746
14.5	0.9934	0.9624	0.9783	0.9944	0.9762	0.9791	0.9936	0.9814
14.6	0.9939	0.9693	0.9844	0.9952	0.9808	0.9850	0.9951	0.9863
14.7	0.9957	0.9799	0.9917	0.9970	0.9888	0.9920	0.9970	0.9926
14.8	0.9949	0.9783	0.9927	0.9969	0.9869	0.9930	0.9969	0.9920
14.9	0.9929	0.9711	0.9911	0.9936	0.9858	0.9914	0.9938	0.9919
15.0	0.9967	0.9843	0.9952	0.9966	0.9892	0.9953	0.9965	0.9946
15.1	0.9985	0.9865	0.9955	0.9946	0.9867	0.9951	0.9949	0.9939
15.2	0.9989	0.9897	0.9967	0.9942	0.9858	0.9963	0.9946	0.9940
15.3	0.9990	0.9944	0.9981	0.9952	0.9895	0.9980	0.9954	0.9959
15.4	0.9985	0.9948	0.9983	0.9946	0.9860	0.9982	0.9947	0.9948
15.5	0.9986	0.9955	0.9986	0.9933	0.9832	0.9987	0.9935	0.9944
15.6	0.9985	0.9956	0.9984	0.9937	0.9859	0.9987	0.9940	0.9947
15.7	0.9982	0.9952	0.9980	0.9920	0.9847	0.9983	0.9925	0.9946
15.8	0.9978	0.9964	0.9980	0.9917	0.9869	0.9985	0.9923	0.9954
15.9	0.9984	0.9975	0.9985	0.9937	0.9909	0.9991	0.9942	0.9969
16.0	0.9975	0.9970	0.9979	0.9924	0.9905	0.9987	0.9930	0.9967
16.1	0.9972	0.9957	0.9970	0.9895	0.9858	0.9986	0.9906	0.9953
16.2	0.9984	0.9976	0.9984	0.9939	0.9927	0.9994	0.9944	0.9976
16.3	0.9983	0.9974	0.9985	0.9951	0.9935	0.9994	0.9956	0.9976
16.4	0.9984	0.9980	0.9987	0.9968	0.9928	0.9994	0.9970	0.9972
16.5	0.9977	0.9971	0.9981	0.9975	0.9939	0.9989	0.9977	0.9977

16.6	0.9974	0.9973	0.9986	0.9977	0.9944	0.9990	0.9979	0.9980
16.7	0.9971	0.9971	0.9989	0.9982	0.9957	0.9993	0.9983	0.9983
16.8	0.9926	0.9956	0.9984	0.9979	0.9921	0.9990	0.9982	0.9967
16.9	0.9910	0.9964	0.9979	0.9981	0.9903	0.9987	0.9983	0.9964
17.0	0.9914	0.9965	0.9981	0.9989	0.9923	0.9988	0.9990	0.9968
17.1	0.9844	0.9958	0.9986	0.9994	0.9927	0.9990	0.9995	0.9976
17.2	0.9918	0.9971	0.9991	0.9993	0.9944	0.9992	0.9993	0.9983
17.3	0.9954	0.9973	0.9992	0.9992	0.9939	0.9994	0.9992	0.9981
17.4	0.9918	0.9958	0.9991	0.9992	0.9935	0.9993	0.9993	0.9979
17.5	0.9935	0.9966	0.9985	0.9993	0.9928	0.9988	0.9994	0.9974
17.6	0.9954	0.9977	0.9988	0.9990	0.9941	0.9989	0.9990	0.9976
17.7	0.9921	0.9973	0.9990	0.9987	0.9942	0.9988	0.9987	0.9978
17.8	0.9834	0.9944	0.9983	0.9990	0.9934	0.9984	0.9989	0.9972
17.9	0.9739	0.9922	0.9983	0.9991	0.9930	0.9985	0.9991	0.9967
18.0	0.9768	0.9933	0.9985	0.9993	0.9934	0.9988	0.9992	0.9972
18.1	0.9774	0.9942	0.9975	0.9986	0.9891	0.9979	0.9987	0.9963
18.2	0.9772	0.9954	0.9979	0.9982	0.9901	0.9985	0.9983	0.9968
18.3	0.9563	0.9940	0.9968	0.9983	0.9880	0.9980	0.9984	0.9959
18.4	0.9265	0.9926	0.9968	0.9979	0.9795	0.9980	0.9979	0.9919
18.5	0.9028	0.9898	0.9951	0.9968	0.9639	0.9969	0.9969	0.9858
18.6	0.8918	0.9871	0.9931	0.9967	0.9548	0.9947	0.9965	0.9817
18.7	0.8982	0.9894	0.9963	0.9978	0.9817	0.9969	0.9977	0.9919
18.8	0.9265	0.9915	0.9982	0.9977	0.9925	0.9988	0.9978	0.9974
18.9	0.9284	0.9933	0.9986	0.9980	0.9956	0.9990	0.9981	0.9986
19.0	0.9339	0.9939	0.9988	0.9977	0.9961	0.9992	0.9978	0.9988
19.1	0.9446	0.9942	0.9986	0.9971	0.9957	0.9990	0.9973	0.9987
19.2	0.9407	0.9934	0.9985	0.9974	0.9952	0.9993	0.9975	0.9990
19.3	0.9622	0.9939	0.9986	0.9980	0.9955	0.9992	0.9981	0.9989
19.4	0.9566	0.9944	0.9985	0.9976	0.9945	0.9989	0.9976	0.9986
19.5	0.9607	0.9948	0.9983	0.9969	0.9928	0.9991	0.9969	0.9984
19.6	0.9567	0.9958	0.9983	0.9962	0.9910	0.9993	0.9963	0.9984
19.7	0.9653	0.9951	0.9982	0.9964	0.9905	0.9994	0.9966	0.9984
19.8	0.9672	0.9952	0.9986	0.9974	0.9887	0.9993	0.9975	0.9980
19.9	0.9515	0.9923	0.9962	0.9932	0.9817	0.9987	0.9935	0.9975
20.0	0.9690	0.9958	0.9977	0.9950	0.9853	0.9993	0.9952	0.9984
20.1	0.9734	0.9957	0.9977	0.9957	0.9837	0.9990	0.9960	0.9985
20.2	0.9690	0.9960	0.9976	0.9941	0.9808	0.9988	0.9943	0.9985
20.3	0.9680	0.9957	0.9971	0.9926	0.9636	0.9986	0.9927	0.9973
20.4	0.9802	0.9966	0.9973	0.9935	0.9693	0.9989	0.9936	0.9978
20.5	0.9759	0.9954	0.9962	0.9901	0.9674	0.9988	0.9904	0.9980
20.6	0.9785	0.9951	0.9975	0.9896	0.9728	0.9986	0.9899	0.9982
20.7	0.9752	0.9954	0.9968	0.9869	0.9685	0.9983	0.9873	0.9975
20.8	0.9738	0.9947	0.9974	0.9848	0.9753	0.9975	0.9849	0.9960
20.9	0.9770	0.9955	0.9978	0.9844	0.9773	0.9973	0.9846	0.9960
21.0	0.9830	0.9964	0.9975	0.9865	0.9862	0.9980	0.9867	0.9966
21.1	0.9852	0.9957	0.9972	0.9880	0.9883	0.9978	0.9880	0.9959
21.2	0.9730	0.9927	0.9969	0.9760	0.9782	0.9960	0.9760	0.9934
21.3	0.9777	0.9927	0.9974	0.9800	0.9822	0.9962	0.9799	0.9951
21.4	0.9726	0.9934	0.9977	0.9723	0.9866	0.9959	0.9721	0.9935
21.5	0.9697	0.9890	0.9971	0.9621	0.9850	0.9946	0.9619	0.9902
21.6	0.9726	0.9889	0.9973	0.9629	0.9863	0.9946	0.9631	0.9910
21.7	0.9787	0.9913	0.9981	0.9703	0.9910	0.9955	0.9704	0.9936
21.8	0.9777	0.9921	0.9977	0.9694	0.9870	0.9955	0.9694	0.9932
21.9	0.9816	0.9931	0.9974	0.9740	0.9877	0.9960	0.9740	0.9947
22.0	0.9750	0.9902	0.9975	0.9662	0.9893	0.9957	0.9664	0.9952
22.1	0.9726	0.9900	0.9977	0.9625	0.9880	0.9952	0.9623	0.9941
22.2	0.9785	0.9908	0.9981	0.9709	0.9898	0.9960	0.9708	0.9955
22.3	0.9792	0.9897	0.9983	0.9716	0.9898	0.9955	0.9716	0.9960
22.4	0.9828	0.9908	0.9984	0.9780	0.9920	0.9957	0.9780	0.9962
22.5	0.9746	0.9827	0.9982	0.9662	0.9865	0.9916	0.9661	0.9938
22.6	0.9818	0.9840	0.9983	0.9756	0.9881	0.9930	0.9753	0.9957
22.7	0.9850	0.9857	0.9984	0.9783	0.9912	0.9943	0.9782	0.9961
22.8	0.9867	0.9832	0.9986	0.9788	0.9923	0.9928	0.9787	0.9950
22.9	0.9881	0.9773	0.9987	0.9789	0.9945	0.9883	0.9785	0.9916
23.0	0.9893	0.9737	0.9983	0.9807	0.9934	0.9888	0.9804	0.9925
23.1	0.9950	0.9787	0.9987	0.9895	0.9948	0.9946	0.9892	0.9965
23.2	0.9956	0.9804	0.9992	0.9902	0.9972	0.9955	0.9900	0.9974
23.3	0.9953	0.9719	0.9993	0.9885	0.9974	0.9947	0.9882	0.9968
23.4	0.9951	0.9692	0.9991	0.9884	0.9968	0.9956	0.9882	0.9974
23.5	0.9965	0.9777	0.9991	0.9913	0.9967	0.9964	0.9910	0.9975
23.6	0.9967	0.9800	0.9992	0.9916	0.9973	0.9965	0.9913	0.9975
23.7	0.9974	0.9863	0.9992	0.9933	0.9975	0.9977	0.9930	0.9984
23.8	0.9973	0.9843	0.9992	0.9928	0.9970	0.9979	0.9928	0.9981
23.9	0.9973	0.9868	0.9990	0.9931	0.9965	0.9975	0.9928	0.9980
24.0	0.9971	0.9875	0.9983	0.9927	0.9940	0.9960	0.9922	0.9965
24.1	0.9966	0.9852	0.9974	0.9922	0.9898	0.9947	0.9913	0.9949
24.2	0.9968	0.9812	0.9964	0.9923	0.9846	0.9951	0.9915	0.9949
24.3	0.9977	0.9835	0.9961	0.9938	0.9830	0.9942	0.9931	0.9942
24.4	0.9979	0.9894	0.9969	0.9932	0.9864	0.9953	0.9925	0.9953
24.5	0.9985	0.9926	0.9980	0.9952	0.9926	0.9968	0.9947	0.9970
24.6	0.9986	0.9931	0.9983	0.9950	0.9948	0.9971	0.9942	0.9971
24.7	0.9984	0.9912	0.9990	0.9963	0.9974	0.9982	0.9958	0.9982
24.8	0.9972	0.9905	0.9989	0.9942	0.9976	0.9983	0.9938	0.9983
24.9	0.9972	0.9925	0.9990	0.9948	0.9966	0.9987	0.9944	0.9986
25.0	0.9977	0.9936	0.9992	0.9958	0.9968	0.9988	0.9954	0.9990
25.1	0.9978	0.9941	0.9993	0.9971	0.9981	0.9991	0.9965	0.9992

25.2	0.9974	0.9947	0.9995	0.9966	0.9969	0.9991	0.9962	0.9991
25.3	0.9979	0.9946	0.9995	0.9968	0.9962	0.9992	0.9964	0.9993
25.4	0.9974	0.9928	0.9993	0.9969	0.9944	0.9992	0.9963	0.9993
25.5	0.9972	0.9937	0.9989	0.9955	0.9929	0.9989	0.9948	0.9989
25.6	0.9949	0.9923	0.9972	0.9946	0.9831	0.9972	0.9937	0.9967
25.7	0.9929	0.9933	0.9972	0.9942	0.9808	0.9971	0.9930	0.9969
25.8	0.9963	0.9955	0.9993	0.9961	0.9904	0.9991	0.9952	0.9991
25.9	0.9951	0.9945	0.9990	0.9952	0.9897	0.9988	0.9939	0.9988
26.0	0.9947	0.9936	0.9991	0.9956	0.9924	0.9988	0.9942	0.9987
26.1	0.9956	0.9936	0.9992	0.9960	0.9929	0.9991	0.9951	0.9992
26.2	0.9947	0.9945	0.9995	0.9960	0.9933	0.9993	0.9950	0.9992
26.3	0.9925	0.9950	0.9996	0.9961	0.9958	0.9993	0.9956	0.9993
26.4	0.9910	0.9934	0.9996	0.9964	0.9960	0.9995	0.9959	0.9994
26.5	0.9889	0.9933	0.9995	0.9954	0.9966	0.9994	0.9945	0.9990
26.6	0.9831	0.9919	0.9994	0.9948	0.9978	0.9993	0.9935	0.9987
26.7	0.9715	0.9892	0.9990	0.9938	0.9973	0.9988	0.9921	0.9985
26.8	0.9760	0.9891	0.9991	0.9939	0.9974	0.9988	0.9920	0.9984
26.9	0.9813	0.9881	0.9995	0.9929	0.9981	0.9993	0.9907	0.9986
27.0	0.9683	0.9866	0.9994	0.9914	0.9978	0.9992	0.9882	0.9987
27.1	0.9773	0.9862	0.9994	0.9921	0.9980	0.9993	0.9885	0.9990
27.2	0.9759	0.9871	0.9992	0.9896	0.9970	0.9990	0.9858	0.9991
27.3	0.9833	0.9860	0.9993	0.9902	0.9971	0.9992	0.9866	0.9991
27.4	0.9865	0.9865	0.9992	0.9906	0.9974	0.9990	0.9870	0.9990
27.5	0.9885	0.9814	0.9991	0.9908	0.9973	0.9989	0.9880	0.9988
27.6	0.9833	0.9749	0.9986	0.9865	0.9957	0.9983	0.9818	0.9981
27.7	0.9882	0.9725	0.9988	0.9881	0.9961	0.9985	0.9840	0.9983
27.8	0.9909	0.9697	0.9987	0.9886	0.9962	0.9984	0.9849	0.9980
27.9	0.9924	0.9761	0.9985	0.9904	0.9966	0.9983	0.9879	0.9979
28.0	0.9934	0.9758	0.9982	0.9907	0.9965	0.9981	0.9887	0.9978
28.1	0.9934	0.9631	0.9978	0.9915	0.9956	0.9975	0.9897	0.9971
28.2	0.9921	0.9677	0.9980	0.9942	0.9965	0.9975	0.9933	0.9975
28.3	0.9940	0.9740	0.9981	0.9953	0.9971	0.9976	0.9946	0.9977
28.4	0.9963	0.9689	0.9982	0.9941	0.9975	0.9978	0.9928	0.9978
28.5	0.9958	0.9764	0.9980	0.9944	0.9973	0.9977	0.9930	0.9977
28.6	0.9968	0.9768	0.9981	0.9950	0.9973	0.9980	0.9939	0.9980
28.7	0.9959	0.9656	0.9977	0.9954	0.9968	0.9977	0.9945	0.9976
28.8	0.9966	0.9524	0.9973	0.9963	0.9963	0.9971	0.9954	0.9972
28.9	0.9967	0.9378	0.9967	0.9959	0.9958	0.9968	0.9946	0.9967
29.0	0.9970	0.9394	0.9974	0.9952	0.9966	0.9976	0.9940	0.9975
29.1	0.9954	0.8903	0.9960	0.9935	0.9947	0.9959	0.9928	0.9960
29.2	0.9960	0.8535	0.9968	0.9957	0.9960	0.9968	0.9945	0.9970
29.3	0.9978	0.8634	0.9976	0.9966	0.9976	0.9976	0.9958	0.9980
29.4	0.9973	0.8609	0.9969	0.9951	0.9965	0.9973	0.9946	0.9974
29.5	0.9972	0.8440	0.9976	0.9956	0.9973	0.9978	0.9947	0.9982
29.6	0.9968	0.7490	0.9973	0.9934	0.9967	0.9973	0.9922	0.9980
29.7	0.9957	0.6725	0.9962	0.9920	0.9958	0.9964	0.9897	0.9971
29.8	0.9947	0.6226	0.9953	0.9926	0.9945	0.9960	0.9904	0.9966
29.9	0.9946	0.4439	0.9944	0.9885	0.9917	0.9958	0.9869	0.9946
30.0	0.9943	0.2908	0.9928	0.9846	0.9905	0.9945	0.9836	0.9947
30.1	0.9959	0.2232	0.9949	0.9859	0.9943	0.9959	0.9874	0.9968
30.2	0.9973	0.0830	0.9962	0.9872	0.9960	0.9969	0.9880	0.9975
30.3	0.9954	0.0007	0.9954	0.9783	0.9948	0.9955	0.9779	0.9969
30.4	0.9932	0.0076	0.9955	0.9827	0.9950	0.9954	0.9819	0.9975
30.5	0.9935	0.0308	0.9958	0.9839	0.9950	0.9960	0.9861	0.9979
30.6	0.9931	0.2127	0.9934	0.9741	0.9922	0.9953	0.9777	0.9970
30.7	0.9933	0.1979	0.9891	0.9717	0.9890	0.9933	0.9747	0.9960
30.8	0.9890	0.2300	0.9893	0.9566	0.9896	0.9931	0.9653	0.9959
30.9	0.9918	0.3872	0.9909	0.9619	0.9899	0.9937	0.9684	0.9966
31.0	0.9901	0.3670	0.9900	0.9578	0.9904	0.9931	0.9651	0.9967
31.1	0.9884	0.4761	0.9897	0.9597	0.9898	0.9928	0.9614	0.9967
31.2	0.9884	0.5706	0.9885	0.9557	0.9885	0.9903	0.9578	0.9962
31.3	0.9888	0.6312	0.9863	0.9493	0.9828	0.9899	0.9531	0.9959
31.4	0.9891	0.6070	0.9824	0.9473	0.9804	0.9885	0.9532	0.9953
31.5	0.9886	0.5382	0.9709	0.9257	0.9736	0.9864	0.9319	0.9953
31.6	0.9859	0.6301	0.9751	0.9341	0.9743	0.9849	0.9406	0.9948
31.7	0.9805	0.7699	0.9697	0.9464	0.9640	0.9858	0.9496	0.9942
31.8	0.9797	0.6452	0.9503	0.9369	0.9604	0.9791	0.9386	0.9912
31.9	0.9727	0.5232	0.9182	0.9390	0.9454	0.9635	0.9412	0.9844
32.0	0.9645	0.4915	0.9143	0.9404	0.9334	0.9594	0.9417	0.9826
32.1	0.9725	0.6384	0.9533	0.9435	0.9433	0.9639	0.9439	0.9868
32.2	0.9766	0.7166	0.9600	0.9600	0.9393	0.9619	0.9595	0.9863
32.3	0.9764	0.7269	0.9576	0.9642	0.9517	0.9629	0.9645	0.9854
32.4	0.9687	0.6994	0.9443	0.9516	0.9559	0.9480	0.9509	0.9802
32.5	0.9608	0.6797	0.9466	0.9508	0.9554	0.9362	0.9492	0.9770
32.6	0.9625	0.6917	0.9445	0.9610	0.9569	0.9267	0.9597	0.9738
32.7	0.9620	0.7412	0.9494	0.9634	0.9609	0.9191	0.9623	0.9734
32.8	0.9626	0.7351	0.9481	0.9680	0.9582	0.8929	0.9677	0.9677
32.9	0.9465	0.7078	0.9224	0.9583	0.9492	0.8666	0.9585	0.9541
33.0	0.9380	0.7037	0.9104	0.9418	0.9471	0.8723	0.9402	0.9509
33.1	0.8972	0.5870	0.8647	0.9230	0.9203	0.8147	0.9195	0.9181
33.2	0.9109	0.6867	0.9071	0.9448	0.9456	0.8766	0.9411	0.9478
33.3	0.9324	0.7769	0.9283	0.9591	0.9576	0.9019	0.9560	0.9597
33.4	0.9448	0.8114	0.9366	0.9674	0.9631	0.9138	0.9656	0.9642
33.5	0.9396	0.7260	0.9307	0.9676	0.9612	0.9081	0.9655	0.9650
33.6	0.9324	0.7211	0.9106	0.9547	0.9504	0.8921	0.9509	0.9585
33.7	0.9369	0.7488	0.9235	0.9625	0.9565	0.9027	0.9574	0.9627

33.8	0.9200	0.7478	0.9006	0.9609	0.9426	0.8841	0.9591	0.9546
33.9	0.9203	0.7085	0.8779	0.9583	0.9323	0.8621	0.9571	0.9450
34.0	0.9219	0.6729	0.8660	0.9464	0.9301	0.8594	0.9398	0.9412
34.1	0.9354	0.6740	0.8855	0.9401	0.9401	0.8897	0.9311	0.9527
34.2	0.9294	0.6298	0.8601	0.9327	0.9259	0.8704	0.9257	0.9442
34.3	0.9331	0.7008	0.8843	0.9493	0.9363	0.8893	0.9472	0.9474
34.4	0.9520	0.7574	0.9152	0.9603	0.9519	0.9171	0.9562	0.9611
34.5	0.9514	0.7735	0.9068	0.9529	0.9473	0.9101	0.9472	0.9586
34.6	0.9590	0.8080	0.9247	0.9521	0.9570	0.9273	0.9427	0.9639
34.7	0.9698	0.8660	0.9456	0.9664	0.9691	0.9464	0.9567	0.9736
34.8	0.9689	0.8385	0.9383	0.9657	0.9632	0.9398	0.9587	0.9702
34.9	0.9778	0.8515	0.9574	0.9714	0.9735	0.9588	0.9602	0.9775
35.0	0.9800	0.8630	0.9596	0.9683	0.9744	0.9612	0.9537	0.9778
35.1	0.9839	0.8850	0.9667	0.9723	0.9789	0.9686	0.9591	0.9819
35.2	0.9876	0.9103	0.9761	0.9767	0.9838	0.9765	0.9620	0.9859
35.3	0.9885	0.9158	0.9772	0.9766	0.9850	0.9769	0.9510	0.9861
35.4	0.9915	0.9084	0.9787	0.9825	0.9856	0.9791	0.9573	0.9875
35.5	0.9924	0.9218	0.9811	0.9798	0.9877	0.9820	0.9470	0.9887
35.6	0.9911	0.9101	0.9774	0.9783	0.9849	0.9785	0.9422	0.9853
35.7	0.9944	0.9248	0.9865	0.9826	0.9907	0.9861	0.9574	0.9898
35.8	0.9962	0.9313	0.9889	0.9863	0.9927	0.9885	0.9685	0.9911
35.9	0.9960	0.9403	0.9899	0.9847	0.9938	0.9897	0.9686	0.9912
36.0	0.9951	0.9508	0.9921	0.9883	0.9950	0.9920	0.9772	0.9925
36.1	0.9972	0.9588	0.9945	0.9938	0.9965	0.9943	0.9889	0.9950
36.2	0.9970	0.9607	0.9950	0.9947	0.9968	0.9945	0.9904	0.9953
36.3	0.9956	0.9584	0.9937	0.9942	0.9955	0.9934	0.9895	0.9948
36.4	0.9965	0.9720	0.9958	0.9937	0.9969	0.9953	0.9887	0.9963
36.5	0.9970	0.9790	0.9965	0.9946	0.9976	0.9961	0.9896	0.9969
36.6	0.9972	0.9829	0.9972	0.9954	0.9979	0.9970	0.9912	0.9977
36.7	0.9959	0.9802	0.9961	0.9915	0.9969	0.9959	0.9862	0.9969
36.8	0.9968	0.9768	0.9954	0.9932	0.9971	0.9952	0.9875	0.9966
36.9	0.9975	0.9772	0.9957	0.9935	0.9970	0.9954	0.9876	0.9960
37.0	0.9972	0.9799	0.9961	0.9955	0.9974	0.9958	0.9912	0.9965
37.1	0.9956	0.9842	0.9964	0.9945	0.9972	0.9961	0.9896	0.9973
37.2	0.9965	0.9800	0.9961	0.9907	0.9966	0.9961	0.9848	0.9979
37.3	0.9959	0.9772	0.9942	0.9883	0.9956	0.9941	0.9823	0.9970
37.4	0.9979	0.9872	0.9970	0.9932	0.9975	0.9971	0.9889	0.9979
37.5	0.9957	0.9855	0.9971	0.9911	0.9970	0.9971	0.9857	0.9978
37.6	0.9963	0.9863	0.9969	0.9923	0.9969	0.9968	0.9869	0.9976
37.7	0.9961	0.9865	0.9962	0.9878	0.9959	0.9961	0.9786	0.9976
37.8	0.9955	0.9873	0.9972	0.9890	0.9960	0.9972	0.9801	0.9977
37.9	0.9946	0.9860	0.9963	0.9826	0.9941	0.9961	0.9671	0.9976
38.0	0.9933	0.9869	0.9962	0.9841	0.9954	0.9961	0.9685	0.9973
38.1	0.9925	0.9826	0.9956	0.9779	0.9943	0.9954	0.9466	0.9970
38.2	0.9926	0.9818	0.9962	0.9772	0.9946	0.9961	0.9304	0.9967
38.3	0.9915	0.9814	0.9956	0.9597	0.9924	0.9953	0.8547	0.9962
38.4	0.9909	0.9794	0.9955	0.9494	0.9917	0.9950	0.7813	0.9960
38.5	0.9895	0.9819	0.9955	0.9274	0.9900	0.9952	0.5662	0.9947
38.6	0.9896	0.9798	0.9949	0.8800	0.9893	0.9953	0.3056	0.9939
38.7	0.9896	0.9813	0.9965	0.8834	0.9911	0.9968	0.4443	0.9955
38.8	0.9889	0.9784	0.9951	0.7195	0.9879	0.9954	0.6502	0.9948
38.9	0.9865	0.9716	0.9930	0.3814	0.9806	0.9932	0.8036	0.9945
39.0	0.9917	0.9763	0.9949	0.2211	0.9771	0.9948	0.9096	0.9955
39.1	0.9917	0.9751	0.9955	0.5865	0.9713	0.9954	0.9243	0.9953
39.2	0.9935	0.9741	0.9946	0.7622	0.9674	0.9948	0.9493	0.9958
39.3	0.9940	0.9719	0.9948	0.8607	0.9644	0.9952	0.9671	0.9963
39.4	0.9929	0.9770	0.9952	0.8941	0.9589	0.9956	0.9679	0.9953
39.5	0.9935	0.9706	0.9945	0.9097	0.9426	0.9950	0.9632	0.9958
39.6	0.9890	0.9685	0.9937	0.8858	0.9185	0.9945	0.9526	0.9951
39.7	0.9924	0.9704	0.9943	0.8498	0.9397	0.9944	0.9457	0.9968
39.8	0.9933	0.9406	0.9907	0.9111	0.9430	0.9910	0.9638	0.9967
39.9	0.9945	0.9422	0.9901	0.9539	0.9239	0.9909	0.9791	0.9948
40.0	0.9952	0.9520	0.9922	0.9746	0.9203	0.9930	0.9869	0.9968
40.1	0.9942	0.9500	0.9924	0.9620	0.8921	0.9932	0.9767	0.9966
40.2	0.9950	0.9664	0.9949	0.9726	0.9189	0.9956	0.9825	0.9970
40.3	0.9954	0.9505	0.9925	0.9738	0.9135	0.9937	0.9842	0.9962
40.4	0.9942	0.9217	0.9880	0.9679	0.9156	0.9897	0.9789	0.9953
40.5	0.9937	0.9302	0.9902	0.9729	0.9323	0.9916	0.9819	0.9959
40.6	0.9940	0.9200	0.9886	0.9665	0.9378	0.9906	0.9766	0.9951
40.7	0.9927	0.8899	0.9859	0.9622	0.9271	0.9878	0.9680	0.9926
40.8	0.9897	0.8938	0.9843	0.9489	0.9008	0.9867	0.9554	0.9896
40.9	0.9915	0.9118	0.9873	0.9638	0.8946	0.9900	0.9687	0.9921
41.0	0.9924	0.9310	0.9900	0.9687	0.9088	0.9911	0.9703	0.9942
41.1	0.9936	0.9348	0.9905	0.9642	0.9102	0.9914	0.9634	0.9935
41.2	0.9924	0.8737	0.9852	0.9403	0.8782	0.9866	0.9425	0.9909
41.3	0.9878	0.8876	0.9850	0.9284	0.8955	0.9872	0.9251	0.9848
41.4	0.9859	0.9055	0.9856	0.9428	0.9003	0.9879	0.9367	0.9859
41.5	0.9867	0.9055	0.9881	0.9264	0.9122	0.9880	0.9133	0.9856
41.6	0.9893	0.8939	0.9881	0.9096	0.9270	0.9879	0.8928	0.9830
41.7	0.9927	0.9054	0.9887	0.9313	0.9416	0.9884	0.9156	0.9883
41.8	0.9915	0.8866	0.9868	0.9266	0.9370	0.9875	0.9116	0.9871
41.9	0.9882	0.9011	0.9860	0.9161	0.9228	0.9878	0.8954	0.9850
42.0	0.9825	0.9057	0.9884	0.8829	0.9332	0.9872	0.8614	0.9846
42.1	0.9823	0.9218	0.9889	0.8759	0.9324	0.9883	0.8435	0.9789
42.2	0.9716	0.9302	0.9856	0.8404	0.9134	0.9899	0.7974	0.9705
42.3	0.9701	0.9196	0.9823	0.8224	0.9206	0.9877	0.8069	0.9713

42.4	0.9769	0.9239	0.9854	0.8939	0.9383	0.9882	0.8704	0.9783
42.5	0.9704	0.9149	0.9853	0.8742	0.9351	0.9857	0.8161	0.9760
42.6	0.9720	0.8942	0.9819	0.8502	0.9258	0.9784	0.7498	0.9711
42.7	0.9782	0.9125	0.9867	0.8802	0.9414	0.9847	0.7869	0.9777
42.8	0.9797	0.9179	0.9838	0.8405	0.9422	0.9825	0.7343	0.9743
42.9	0.9767	0.9213	0.9802	0.7764	0.9549	0.9802	0.6022	0.9691
43.0	0.9830	0.9200	0.9831	0.7243	0.9704	0.9858	0.4973	0.9767
43.1	0.9841	0.9109	0.9807	0.7120	0.9691	0.9833	0.4969	0.9845
43.2	0.9848	0.9058	0.9757	0.6277	0.9589	0.9811	0.3774	0.9821
43.3	0.9852	0.9300	0.9769	0.6394	0.9569	0.9767	0.4110	0.9716
43.4	0.9853	0.9140	0.9695	0.5975	0.9614	0.9726	0.3462	0.9627
43.5	0.9861	0.8900	0.9631	0.5892	0.9630	0.9630	0.3314	0.9525
43.6	0.9854	0.9056	0.9569	0.5503	0.9554	0.9633	0.2529	0.9415
43.7	0.9855	0.8846	0.9501	0.3387	0.9592	0.9614	0.0629	0.9583
43.8	0.9895	0.9100	0.9617	0.1912	0.9764	0.9589	0.0069	0.9685
43.9	0.9861	0.8718	0.9475	0.2169	0.9761	0.9416	0.0700	0.9633
44.0	0.9851	0.8928	0.9543	0.5059	0.9650	0.9468	0.2711	0.9523
44.1	0.9813	0.8932	0.9481	0.4583	0.9412	0.9268	0.1616	0.8769
44.2	0.9793	0.8599	0.9454	0.4822	0.9606	0.9165	0.1702	0.8891
44.3	0.9775	0.8617	0.9268	0.4528	0.9673	0.8786	0.2658	0.9116
44.4	0.9865	0.8340	0.8940	0.2963	0.9394	0.8669	0.1764	0.9325
44.5	0.9764	0.8003	0.8918	0.2086	0.8607	0.8690	0.0920	0.9306
44.6	0.9793	0.8030	0.9186	0.4738	0.8985	0.9178	0.4740	0.9369
44.7	0.9764	0.8869	0.9443	0.7162	0.9656	0.9430	0.7669	0.9689
44.8	0.9754	0.8874	0.9275	0.6891	0.9325	0.9385	0.7630	0.9630
44.9	0.9878	0.8917	0.9394	0.6855	0.9028	0.9416	0.7601	0.9698
45.0	0.9886	0.9006	0.9184	0.5834	0.9192	0.9179	0.6807	0.9694
45.1	0.9882	0.8851	0.9245	0.4376	0.9405	0.9140	0.6032	0.9708
45.2	0.9855	0.8869	0.9344	0.5158	0.9276	0.9269	0.6898	0.9813
45.3	0.9763	0.8688	0.9199	0.5443	0.8507	0.9191	0.7040	0.9769
45.4	0.9739	0.8760	0.9136	0.5916	0.7746	0.9074	0.7020	0.9613
45.5	0.9636	0.9093	0.9361	0.6511	0.7415	0.9234	0.7326	0.9479
45.6	0.9701	0.9034	0.9513	0.7402	0.8176	0.9406	0.7875	0.9529
45.7	0.9804	0.8999	0.9541	0.7824	0.8487	0.9479	0.8215	0.9666
45.8	0.9814	0.9003	0.9572	0.7824	0.8900	0.9541	0.8248	0.9714
45.9	0.9698	0.8924	0.9573	0.7675	0.8910	0.9610	0.7967	0.9724
46.0	0.9779	0.9015	0.9636	0.7209	0.9294	0.9607	0.7423	0.9749
46.1	0.9763	0.8833	0.9594	0.7160	0.9193	0.9574	0.7449	0.9737
46.2	0.9807	0.9113	0.9698	0.8129	0.8766	0.9669	0.8365	0.9780
46.3	0.9778	0.9265	0.9689	0.7786	0.9060	0.9622	0.8221	0.9702
46.4	0.9790	0.9437	0.9766	0.6527	0.9524	0.9741	0.7172	0.9731
46.5	0.9834	0.9330	0.9816	0.7608	0.9597	0.9827	0.8364	0.9862
46.6	0.9870	0.9363	0.9827	0.8934	0.9643	0.9851	0.9263	0.9903
46.7	0.9783	0.9057	0.9715	0.9169	0.9449	0.9804	0.9378	0.9915
46.8	0.9708	0.9090	0.9643	0.9217	0.9218	0.9731	0.9400	0.9911
46.9	0.9779	0.9351	0.9811	0.9115	0.9204	0.9833	0.9271	0.9928
47.0	0.9772	0.9281	0.9854	0.9458	0.9299	0.9889	0.9533	0.9946
47.1	0.9793	0.9190	0.9845	0.9428	0.9356	0.9872	0.9523	0.9941
47.2	0.9817	0.9154	0.9850	0.9330	0.9520	0.9867	0.9430	0.9925
47.3	0.9820	0.8982	0.9856	0.9277	0.9619	0.9871	0.9388	0.9917
47.4	0.9825	0.9077	0.9876	0.9176	0.9730	0.9909	0.9289	0.9879
47.5	0.9795	0.9388	0.9849	0.8685	0.9552	0.9925	0.8882	0.9846
47.6	0.9723	0.9004	0.9774	0.8898	0.8773	0.9906	0.9018	0.9838
47.7	0.9734	0.9019	0.9863	0.9370	0.9160	0.9894	0.9438	0.9927
47.8	0.9757	0.9230	0.9875	0.9134	0.9344	0.9906	0.9197	0.9876
47.9	0.9819	0.9198	0.9861	0.9125	0.9630	0.9902	0.9171	0.9888
48.0	0.9795	0.8948	0.9845	0.9483	0.9726	0.9893	0.9518	0.9921
48.1	0.9798	0.8881	0.9830	0.9393	0.9269	0.9913	0.9354	0.9846
48.2	0.9796	0.9151	0.9856	0.9043	0.9414	0.9916	0.9028	0.9872
48.3	0.9808	0.9149	0.9860	0.8756	0.9483	0.9908	0.8696	0.9882
48.4	0.9721	0.8793	0.9761	0.8886	0.9188	0.9909	0.8831	0.9877
48.5	0.9652	0.8462	0.9745	0.8460	0.8671	0.9899	0.8337	0.9779
48.6	0.9728	0.8867	0.9802	0.8697	0.7819	0.9922	0.8929	0.9890
48.7	0.9760	0.8944	0.9836	0.8993	0.7685	0.9932	0.9149	0.9927
48.8	0.9719	0.8976	0.9859	0.8698	0.8965	0.9933	0.8654	0.9912
48.9	0.9640	0.9007	0.9847	0.7758	0.9254	0.9920	0.7947	0.9878
49.0	0.9700	0.9141	0.9867	0.8111	0.9247	0.9919	0.8393	0.9908
49.1	0.9593	0.8967	0.9827	0.8262	0.8496	0.9899	0.8523	0.9889
49.2	0.9629	0.8866	0.9783	0.9119	0.7772	0.9937	0.9158	0.9912
49.3	0.9693	0.8962	0.9795	0.9360	0.9013	0.9934	0.9358	0.9923
49.4	0.9653	0.8608	0.9769	0.9356	0.9015	0.9937	0.9338	0.9880
49.5	0.9492	0.8608	0.9737	0.8818	0.8317	0.9920	0.8951	0.9866
49.6	0.9283	0.8812	0.9723	0.9275	0.7721	0.9909	0.9370	0.9863
49.7	0.9001	0.8976	0.9700	0.9550	0.9158	0.9924	0.9615	0.9920
49.8	0.9209	0.8769	0.9529	0.9262	0.8850	0.9917	0.9345	0.9854
49.9	0.9234	0.8607	0.9652	0.8645	0.8399	0.9899	0.8849	0.9785
50.0	0.9371	0.8570	0.9751	0.9365	0.8516	0.9922	0.9501	0.9892
50.1	0.9422	0.8295	0.9572	0.9608	0.9289	0.9929	0.9654	0.9921
50.2	0.9560	0.8603	0.9725	0.9650	0.9443	0.9943	0.9694	0.9923
50.3	0.9375	0.7876	0.9445	0.9446	0.9164	0.9913	0.9494	0.9878
50.4	0.9332	0.7570	0.9180	0.9506	0.9519	0.9928	0.9530	0.9867
50.5	0.9285	0.7788	0.8974	0.9283	0.9394	0.9890	0.9314	0.9791
50.6	0.9088	0.7898	0.8791	0.9137	0.9405	0.9881	0.9119	0.9696
50.7	0.9344	0.7145	0.9278	0.9441	0.9640	0.9896	0.9368	0.9827
50.8	0.8977	0.5733	0.8887	0.8678	0.8901	0.9847	0.8666	0.9730
50.9	0.8900	0.7019	0.9074	0.9144	0.8976	0.9882	0.9235	0.9821

51.0	0.8917	0.7011	0.9028	0.8843	0.8728	0.9869	0.9016	0.9731
51.1	0.9567	0.7925	0.8486	0.9217	0.9252	0.9924	0.9273	0.9697
51.2	0.9289	0.6909	0.8694	0.8897	0.9231	0.9895	0.8915	0.9533
51.3	0.8507	0.5164	0.8512	0.7922	0.8646	0.9850	0.8204	0.9446
51.4	0.8571	0.4998	0.8025	0.8810	0.8173	0.9847	0.8963	0.9591
51.5	0.8750	0.3774	0.6243	0.8907	0.8899	0.9821	0.8976	0.9556
51.6	0.9394	0.4691	0.6627	0.9434	0.9537	0.9881	0.9431	0.9666
51.7	0.9387	0.5159	0.6585	0.9126	0.9382	0.9876	0.9118	0.9498
51.8	0.9258	0.3901	0.6920	0.9077	0.9303	0.9813	0.9054	0.9491
51.9	0.9273	0.3908	0.7801	0.9265	0.9567	0.9846	0.9233	0.9531
52.0	0.9407	0.5193	0.7966	0.9479	0.9722	0.9899	0.9463	0.9592
52.1	0.9408	0.4040	0.7782	0.9306	0.9689	0.9893	0.9250	0.9398
52.2	0.9503	0.3480	0.8510	0.9294	0.9662	0.9906	0.9221	0.9328
52.3	0.9500	0.2096	0.8689	0.9038	0.9638	0.9837	0.8916	0.9002
52.4	0.9314	0.1026	0.8582	0.8841	0.9583	0.9827	0.8694	0.8824
52.5	0.9411	0.0854	0.8321	0.8894	0.9591	0.9851	0.8758	0.8730
52.6	0.9114	0.0312	0.8477	0.8795	0.9667	0.9816	0.8582	0.8275
52.7	0.9210	0.1176	0.8956	0.8772	0.9599	0.9801	0.8585	0.8671
52.8	0.8978	0.0413	0.8395	0.8325	0.9527	0.9778	0.8107	0.8373
52.9	0.8818	0.0478	0.8405	0.7890	0.9469	0.9720	0.7614	0.8293
53.0	0.8650	0.0661	0.8386	0.8426	0.9603	0.9815	0.8209	0.8320
53.1	0.8698	0.0002	0.8190	0.8559	0.9537	0.9847	0.8354	0.8197
53.2	0.8789	0.0294	0.8517	0.8596	0.9636	0.9846	0.8335	0.7819
53.3	0.9282	0.0039	0.8665	0.8872	0.9693	0.9838	0.8644	0.7897
53.4	0.9228	0.0154	0.8854	0.9017	0.9746	0.9815	0.8768	0.7955
53.5	0.8647	0.0466	0.8723	0.8493	0.9561	0.9689	0.8178	0.7407
53.6	0.8117	0.0653	0.8501	0.8447	0.9422	0.9794	0.8164	0.6807
53.7	0.8291	0.0260	0.7949	0.8277	0.9342	0.9807	0.7946	0.6831
53.8	0.8920	0.1227	0.8575	0.8635	0.9330	0.9815	0.8419	0.7871
53.9	0.8810	0.1576	0.8674	0.8958	0.9671	0.9791	0.8745	0.7972
54.0	0.8287	0.1272	0.8864	0.8786	0.9698	0.9733	0.8455	0.7046
54.1	0.7930	0.1014	0.9133	0.8833	0.9794	0.9800	0.8413	0.7041
54.2	0.7049	0.2206	0.9049	0.8829	0.9747	0.9824	0.8405	0.7412
54.3	0.6164	0.3002	0.9015	0.8816	0.9745	0.9818	0.8433	0.7028
54.4	0.5763	0.3767	0.9057	0.8709	0.9824	0.9846	0.8206	0.6339
54.5	0.5511	0.4934	0.9120	0.8452	0.9839	0.9839	0.7755	0.6283
54.6	0.6678	0.4185	0.9179	0.8383	0.9824	0.9761	0.7646	0.6487
54.7	0.7559	0.4508	0.9350	0.8565	0.9829	0.9758	0.7729	0.7581
54.8	0.8090	0.5049	0.9038	0.7829	0.9615	0.9761	0.6951	0.7694
54.9	0.8930	0.5568	0.9086	0.8578	0.9743	0.9852	0.8075	0.7935
55.0	0.9128	0.5770	0.9050	0.8642	0.9833	0.9862	0.8095	0.7982
55.1	0.9174	0.5201	0.9030	0.8531	0.9844	0.9759	0.7821	0.7660
55.2	0.9300	0.5342	0.8769	0.8124	0.9846	0.9782	0.7112	0.7507
55.3	0.9461	0.6262	0.8900	0.8295	0.9894	0.9842	0.7384	0.8324
55.4	0.9658	0.7412	0.8921	0.8802	0.9915	0.9855	0.8234	0.9102
55.5	0.9602	0.6494	0.8613	0.8596	0.9802	0.9764	0.8047	0.8886
55.6	0.9424	0.6558	0.8237	0.8308	0.9796	0.9760	0.7679	0.8552
55.7	0.9560	0.7644	0.8593	0.8615	0.9873	0.9830	0.8226	0.9072
55.8	0.9568	0.7943	0.8370	0.8470	0.9839	0.9800	0.8109	0.9186
55.9	0.9532	0.8099	0.8030	0.8508	0.9819	0.9808	0.8208	0.9295
56.0	0.9556	0.7407	0.7846	0.8567	0.9799	0.9765	0.8259	0.9245
56.1	0.9575	0.7575	0.7137	0.8371	0.9688	0.9780	0.8188	0.9172
56.2	0.9589	0.8388	0.8106	0.8833	0.9815	0.9821	0.8698	0.9474
56.3	0.9633	0.8822	0.8444	0.9205	0.9876	0.9857	0.9099	0.9624
56.4	0.9595	0.8618	0.7837	0.9142	0.9870	0.9860	0.9039	0.9595
56.5	0.9550	0.8844	0.8008	0.9274	0.9878	0.9833	0.9205	0.9662
56.6	0.9603	0.9026	0.8074	0.9282	0.9883	0.9831	0.9228	0.9700
56.7	0.9606	0.8931	0.8116	0.9276	0.9880	0.9824	0.9222	0.9666
56.8	0.9573	0.8732	0.8070	0.9280	0.9868	0.9813	0.9238	0.9651
56.9	0.9329	0.8653	0.8200	0.9261	0.9878	0.9810	0.9225	0.9625
57.0	0.9328	0.8668	0.8438	0.9507	0.9917	0.9853	0.9464	0.9700
57.1	0.9578	0.8924	0.8564	0.9318	0.9725	0.9815	0.9294	0.9710
57.2	0.9507	0.9218	0.8472	0.9329	0.9578	0.9797	0.9357	0.9778
57.3	0.9486	0.9274	0.9086	0.9580	0.9824	0.9837	0.9579	0.9811
57.4	0.9296	0.9425	0.9265	0.9606	0.9875	0.9835	0.9596	0.9813
57.5	0.9294	0.9306	0.9299	0.9616	0.9885	0.9845	0.9601	0.9816
57.6	0.9294	0.9231	0.9391	0.9599	0.9873	0.9826	0.9594	0.9817
57.7	0.9222	0.9027	0.9352	0.9582	0.9901	0.9844	0.9560	0.9804
57.8	0.9349	0.9197	0.9582	0.9628	0.9920	0.9855	0.9605	0.9819
57.9	0.9607	0.9344	0.9648	0.9674	0.9942	0.9871	0.9646	0.9850
58.0	0.9608	0.9537	0.9735	0.9771	0.9959	0.9884	0.9757	0.9913
58.1	0.9597	0.9654	0.9765	0.9783	0.9956	0.9882	0.9776	0.9920
58.2	0.9597	0.9450	0.9676	0.9698	0.9929	0.9850	0.9680	0.9883
58.3	0.9560	0.9270	0.9618	0.9704	0.9928	0.9868	0.9678	0.9850
58.4	0.9645	0.9109	0.9689	0.9698	0.9929	0.9860	0.9669	0.9854
58.5	0.9675	0.9306	0.9802	0.9699	0.9943	0.9865	0.9674	0.9889
58.6	0.9676	0.9405	0.9779	0.9654	0.9935	0.9845	0.9620	0.9908
58.7	0.9643	0.9438	0.9806	0.9717	0.9933	0.9834	0.9694	0.9932
58.8	0.9687	0.9529	0.9842	0.9766	0.9947	0.9874	0.9743	0.9946
58.9	0.9641	0.9422	0.9860	0.9712	0.9935	0.9830	0.9693	0.9934
59.0	0.9144	0.9261	0.9837	0.9612	0.9921	0.9780	0.9583	0.9918
59.1	0.9056	0.9033	0.9823	0.9601	0.9914	0.9755	0.9560	0.9919
59.2	0.9492	0.9134	0.9844	0.9629	0.9923	0.9787	0.9582	0.9922
59.3	0.9500	0.9373	0.9865	0.9665	0.9940	0.9826	0.9628	0.9939
59.4	0.9605	0.9426	0.9889	0.9694	0.9952	0.9826	0.9656	0.9944
59.5	0.9538	0.9444	0.9874	0.9633	0.9938	0.9778	0.9594	0.9942

59.6	0.9245	0.9280	0.9833	0.9489	0.9921	0.9704	0.9428	0.9914
59.7	0.9539	0.9437	0.9882	0.9619	0.9934	0.9794	0.9567	0.9930
59.8	0.9517	0.9331	0.9884	0.9537	0.9922	0.9751	0.9485	0.9924
59.9	0.9657	0.9467	0.9863	0.9557	0.9929	0.9739	0.9514	0.9917
60.0	0.9713	0.9471	0.9795	0.9608	0.9942	0.9800	0.9594	0.9899
60.1	0.9607	0.9360	0.9812	0.9522	0.9919	0.9742	0.9489	0.9868
60.2	0.9594	0.9264	0.9840	0.9501	0.9911	0.9685	0.9445	0.9832
60.3	0.9696	0.9150	0.9903	0.9590	0.9931	0.9722	0.9524	0.9818
60.4	0.9706	0.9385	0.9883	0.9520	0.9936	0.9733	0.9447	0.9850
60.5	0.9714	0.9471	0.9864	0.9560	0.9923	0.9754	0.9494	0.9852
60.6	0.9753	0.9489	0.9867	0.9611	0.9934	0.9750	0.9549	0.9834
60.7	0.9815	0.9561	0.9899	0.9639	0.9949	0.9789	0.9574	0.9844
60.8	0.9814	0.9650	0.9917	0.9684	0.9954	0.9826	0.9623	0.9861
60.9	0.9745	0.9565	0.9884	0.9586	0.9932	0.9762	0.9514	0.9842
61.0	0.9705	0.9485	0.9876	0.9588	0.9928	0.9714	0.9509	0.9802
61.1	0.9705	0.9494	0.9880	0.9585	0.9919	0.9670	0.9509	0.9808
61.2	0.9696	0.9411	0.9870	0.9534	0.9923	0.9675	0.9451	0.9819
61.3	0.9716	0.9530	0.9911	0.9661	0.9941	0.9742	0.9590	0.9822
61.4	0.9795	0.9693	0.9938	0.9734	0.9952	0.9760	0.9676	0.9861
61.5	0.9744	0.9677	0.9908	0.9547	0.9935	0.9633	0.9455	0.9843
61.6	0.9701	0.9650	0.9926	0.9607	0.9950	0.9662	0.9523	0.9848
61.7	0.9677	0.9638	0.9927	0.9630	0.9948	0.9706	0.9556	0.9838
61.8	0.9684	0.9714	0.9921	0.9548	0.9951	0.9691	0.9446	0.9850
61.9	0.9782	0.9710	0.9928	0.9585	0.9950	0.9733	0.9496	0.9877
62.0	0.9717	0.9594	0.9914	0.9513	0.9920	0.9668	0.9416	0.9828
62.1	0.9737	0.9696	0.9944	0.9671	0.9944	0.9780	0.9586	0.9877
62.2	0.9735	0.9745	0.9947	0.9668	0.9964	0.9777	0.9589	0.9888
62.3	0.9790	0.9662	0.9930	0.9538	0.9960	0.9713	0.9428	0.9854
62.4	0.9776	0.9607	0.9936	0.9547	0.9959	0.9672	0.9439	0.9844
62.5	0.9881	0.9692	0.9968	0.9709	0.9964	0.9776	0.9626	0.9877
62.6	0.9829	0.9659	0.9950	0.9578	0.9956	0.9697	0.9477	0.9815
62.7	0.9818	0.9750	0.9951	0.9636	0.9957	0.9743	0.9561	0.9863
62.8	0.9729	0.9738	0.9941	0.9579	0.9956	0.9727	0.9501	0.9888
62.9	0.9812	0.9706	0.9958	0.9673	0.9968	0.9786	0.9605	0.9892
63.0	0.9782	0.9755	0.9957	0.9687	0.9953	0.9790	0.9624	0.9865
63.1	0.9543	0.9624	0.9950	0.9611	0.9930	0.9708	0.9528	0.9831
63.2	0.9714	0.9679	0.9954	0.9705	0.9944	0.9806	0.9648	0.9897
63.3	0.9783	0.9737	0.9970	0.9817	0.9950	0.9881	0.9782	0.9914
63.4	0.9688	0.9723	0.9963	0.9735	0.9927	0.9825	0.9681	0.9899
63.5	0.9626	0.9671	0.9961	0.9715	0.9933	0.9815	0.9661	0.9885
63.6	0.9564	0.9714	0.9962	0.9719	0.9932	0.9807	0.9672	0.9867
63.7	0.9598	0.9683	0.9959	0.9714	0.9931	0.9775	0.9665	0.9882
63.8	0.9640	0.9673	0.9963	0.9738	0.9935	0.9771	0.9688	0.9883
63.9	0.9560	0.9694	0.9966	0.9741	0.9935	0.9789	0.9688	0.9890
64.0	0.9647	0.9755	0.9961	0.9777	0.9932	0.9830	0.9735	0.9914
64.1	0.9702	0.9759	0.9959	0.9800	0.9930	0.9817	0.9765	0.9912
64.2	0.9469	0.9673	0.9956	0.9737	0.9912	0.9745	0.9697	0.9838
64.3	0.9585	0.9763	0.9970	0.9846	0.9938	0.9877	0.9821	0.9924
64.4	0.9592	0.9715	0.9966	0.9866	0.9927	0.9884	0.9843	0.9943
64.5	0.9351	0.9546	0.9942	0.9778	0.9910	0.9823	0.9746	0.9905
64.6	0.9372	0.9743	0.9961	0.9846	0.9946	0.9846	0.9814	0.9920
64.7	0.9291	0.9727	0.9955	0.9827	0.9922	0.9840	0.9793	0.9907
64.8	0.9294	0.9697	0.9955	0.9804	0.9928	0.9772	0.9767	0.9879
64.9	0.9205	0.9678	0.9950	0.9827	0.9926	0.9788	0.9793	0.9894
65.0	0.9243	0.9703	0.9959	0.9833	0.9919	0.9866	0.9803	0.9915
65.1	0.9399	0.9778	0.9964	0.9843	0.9937	0.9888	0.9818	0.9920
65.2	0.8927	0.9634	0.9933	0.9768	0.9909	0.9794	0.9731	0.9868
65.3	0.9108	0.9496	0.9933	0.9739	0.9932	0.9803	0.9688	0.9880
65.4	0.9281	0.9412	0.9935	0.9779	0.9918	0.9817	0.9740	0.9888
65.5	0.9387	0.9297	0.9933	0.9773	0.9896	0.9795	0.9723	0.9861
65.6	0.9229	0.9420	0.9935	0.9737	0.9902	0.9858	0.9688	0.9870
65.7	0.9288	0.9388	0.9924	0.9743	0.9898	0.9829	0.9692	0.9864
65.8	0.9455	0.9479	0.9931	0.9798	0.9902	0.9846	0.9762	0.9866
65.9	0.9610	0.9527	0.9951	0.9814	0.9913	0.9884	0.9778	0.9896
66.0	0.9691	0.9639	0.9966	0.9847	0.9932	0.9900	0.9811	0.9917
66.1	0.9591	0.9641	0.9950	0.9796	0.9924	0.9901	0.9754	0.9910
66.2	0.9605	0.9536	0.9934	0.9744	0.9908	0.9874	0.9687	0.9900
66.3	0.9649	0.9491	0.9930	0.9728	0.9920	0.9864	0.9672	0.9883
66.4	0.9695	0.9430	0.9931	0.9757	0.9917	0.9881	0.9704	0.9891
66.5	0.9724	0.9568	0.9930	0.9763	0.9921	0.9892	0.9713	0.9882
66.6	0.9727	0.9569	0.9917	0.9757	0.9909	0.9861	0.9713	0.9863
66.7	0.9686	0.9459	0.9921	0.9689	0.9904	0.9899	0.9626	0.9890
66.8	0.9755	0.9587	0.9944	0.9756	0.9926	0.9917	0.9694	0.9906
66.9	0.9747	0.9560	0.9928	0.9695	0.9910	0.9878	0.9621	0.9863
67.0	0.9830	0.9585	0.9948	0.9777	0.9936	0.9910	0.9722	0.9909
67.1	0.9822	0.9659	0.9952	0.9793	0.9930	0.9910	0.9729	0.9899
67.2	0.9830	0.9529	0.9938	0.9696	0.9916	0.9886	0.9613	0.9863
67.3	0.9850	0.9434	0.9943	0.9676	0.9927	0.9894	0.9574	0.9890
67.4	0.9857	0.9278	0.9943	0.9666	0.9929	0.9870	0.9543	0.9891
67.5	0.9822	0.9173	0.9924	0.9531	0.9907	0.9789	0.9404	0.9845
67.6	0.9883	0.9471	0.9952	0.9608	0.9936	0.9867	0.9497	0.9903
67.7	0.9903	0.9351	0.9954	0.9427	0.9939	0.9880	0.9288	0.9900
67.8	0.9890	0.9320	0.9940	0.9404	0.9933	0.9834	0.9290	0.9859
67.9	0.9869	0.9277	0.9931	0.9382	0.9922	0.9790	0.9241	0.9819
68.0	0.9846	0.9339	0.9921	0.9120	0.9897	0.9784	0.8965	0.9780
68.1	0.9806	0.9035	0.9900	0.8698	0.9894	0.9708	0.8670	0.9749

68.2	0.9827	0.8986	0.9903	0.8480	0.9904	0.9659	0.8629	0.9738
68.3	0.9847	0.9239	0.9901	0.8337	0.9909	0.9723	0.8668	0.9772
68.4	0.9829	0.9057	0.9867	0.7477	0.9882	0.9704	0.8340	0.9746
68.5	0.9878	0.9181	0.9907	0.7351	0.9918	0.9778	0.8747	0.9818
68.6	0.9818	0.9255	0.9887	0.5094	0.9902	0.9842	0.8337	0.9864
68.7	0.9798	0.9161	0.9878	0.2730	0.9891	0.9768	0.8586	0.9792
68.8	0.9801	0.9188	0.9854	0.1516	0.9862	0.9667	0.8477	0.9696
68.9	0.9862	0.9190	0.9885	0.2007	0.9867	0.9705	0.8467	0.9730
69.0	0.9849	0.9380	0.9890	0.4104	0.9855	0.9688	0.8404	0.9698
69.1	0.9845	0.9171	0.9888	0.6216	0.9879	0.9760	0.8595	0.9747
69.2	0.9855	0.9145	0.9890	0.7490	0.9880	0.9742	0.8872	0.9756
69.3	0.9856	0.9298	0.9875	0.8056	0.9868	0.9712	0.8861	0.9750
69.4	0.9841	0.9366	0.9856	0.8935	0.9851	0.9714	0.9252	0.9746
69.5	0.9845	0.9356	0.9861	0.9139	0.9846	0.9737	0.9293	0.9723
69.6	0.9857	0.9340	0.9866	0.9215	0.9837	0.9763	0.9313	0.9739
69.7	0.9848	0.9186	0.9849	0.9151	0.9821	0.9708	0.9283	0.9695
69.8	0.9867	0.9092	0.9882	0.9303	0.9849	0.9754	0.9385	0.9742
69.9	0.9830	0.9109	0.9843	0.9352	0.9821	0.9747	0.9441	0.9733
70.0	0.9897	0.9250	0.9887	0.9577	0.9862	0.9786	0.9556	0.9796
70.1	0.9890	0.9230	0.9885	0.9652	0.9859	0.9811	0.9657	0.9816
70.2	0.9880	0.9288	0.9885	0.9687	0.9854	0.9814	0.9673	0.9815
70.3	0.9800	0.9079	0.9820	0.9567	0.9789	0.9760	0.9541	0.9760
70.4	0.9789	0.9147	0.9794	0.9539	0.9777	0.9753	0.9522	0.9743
70.5	0.9828	0.9141	0.9828	0.9586	0.9799	0.9789	0.9580	0.9767
70.6	0.9849	0.9286	0.9844	0.9669	0.9816	0.9807	0.9649	0.9799
70.7	0.9873	0.9128	0.9872	0.9682	0.9846	0.9814	0.9653	0.9824
70.8	0.9838	0.9179	0.9834	0.9611	0.9803	0.9775	0.9576	0.9796
70.9	0.9839	0.9333	0.9836	0.9707	0.9817	0.9835	0.9699	0.9827
71.0	0.9821	0.9192	0.9807	0.9603	0.9781	0.9782	0.9559	0.9784
71.1	0.9783	0.9302	0.9764	0.9570	0.9722	0.9736	0.9570	0.9718
71.2	0.9751	0.9153	0.9739	0.9554	0.9682	0.9746	0.9556	0.9708
71.3	0.9745	0.9036	0.9737	0.9509	0.9687	0.9786	0.9515	0.9729
71.4	0.9821	0.9244	0.9813	0.9542	0.9775	0.9846	0.9534	0.9802
71.5	0.9786	0.9213	0.9762	0.9439	0.9715	0.9805	0.9443	0.9742
71.6	0.9784	0.9134	0.9759	0.9537	0.9700	0.9760	0.9543	0.9715
71.7	0.9823	0.9292	0.9809	0.9620	0.9777	0.9789	0.9619	0.9788
71.8	0.9770	0.8993	0.9755	0.9568	0.9696	0.9772	0.9574	0.9747
71.9	0.9781	0.9003	0.9761	0.9586	0.9709	0.9796	0.9605	0.9765
72.0	0.9860	0.9420	0.9840	0.9696	0.9812	0.9854	0.9696	0.9846
72.1	0.9916	0.9515	0.9903	0.9797	0.9883	0.9895	0.9783	0.9899
72.2	0.9907	0.9282	0.9883	0.9759	0.9854	0.9872	0.9741	0.9879
72.3	0.9833	0.8982	0.9800	0.9611	0.9748	0.9799	0.9597	0.9804
72.4	0.9864	0.8874	0.9815	0.9594	0.9778	0.9804	0.9564	0.9815
72.5	0.9856	0.8710	0.9795	0.9564	0.9736	0.9768	0.9530	0.9785
72.6	0.9826	0.8527	0.9769	0.9547	0.9688	0.9750	0.9537	0.9751
72.7	0.9811	0.8378	0.9753	0.9469	0.9686	0.9762	0.9459	0.9761
72.8	0.9848	0.8641	0.9818	0.9556	0.9787	0.9822	0.9503	0.9834
72.9	0.9889	0.8798	0.9861	0.9664	0.9824	0.9842	0.9614	0.9860
73.0	0.9923	0.8948	0.9888	0.9690	0.9853	0.9838	0.9618	0.9876
73.1	0.9912	0.8977	0.9869	0.9623	0.9828	0.9801	0.9528	0.9853
73.2	0.9883	0.8615	0.9816	0.9432	0.9744	0.9734	0.9329	0.9794
73.3	0.9881	0.8509	0.9829	0.9454	0.9781	0.9812	0.9386	0.9843
73.4	0.9904	0.8337	0.9849	0.9497	0.9803	0.9826	0.9459	0.9833
73.5	0.9913	0.8620	0.9886	0.9655	0.9819	0.9819	0.9622	0.9840
73.6	0.9924	0.8789	0.9911	0.9739	0.9842	0.9796	0.9663	0.9862
73.7	0.9914	0.8356	0.9871	0.9668	0.9821	0.9757	0.9620	0.9823
73.8	0.9871	0.8355	0.9806	0.9589	0.9750	0.9732	0.9596	0.9782
73.9	0.9892	0.8251	0.9844	0.9619	0.9777	0.9814	0.9625	0.9832
74.0	0.9896	0.8037	0.9852	0.9632	0.9770	0.9795	0.9630	0.9832
74.1	0.9884	0.7829	0.9860	0.9684	0.9757	0.9774	0.9662	0.9823
74.2	0.9894	0.7553	0.9866	0.9732	0.9786	0.9775	0.9722	0.9833
74.3	0.9925	0.7872	0.9892	0.9760	0.9820	0.9784	0.9738	0.9851
74.4	0.9935	0.7493	0.9899	0.9765	0.9814	0.9739	0.9721	0.9825
74.5	0.9915	0.7128	0.9878	0.9706	0.9785	0.9710	0.9641	0.9801
74.6	0.9871	0.7006	0.9833	0.9618	0.9743	0.9679	0.9559	0.9754
74.7	0.9856	0.6721	0.9824	0.9603	0.9728	0.9663	0.9563	0.9750
74.8	0.9880	0.6579	0.9815	0.9618	0.9681	0.9671	0.9608	0.9751
74.9	0.9896	0.6045	0.9832	0.9690	0.9677	0.9567	0.9653	0.9694
75.0	0.9889	0.5105	0.9845	0.9743	0.9705	0.9573	0.9695	0.9707
75.1	0.9894	0.4620	0.9837	0.9717	0.9650	0.9666	0.9695	0.9697
75.2	0.9886	0.4519	0.9830	0.9666	0.9657	0.9644	0.9657	0.9691
75.3	0.9870	0.5831	0.9804	0.9651	0.9637	0.9559	0.9632	0.9682
75.4	0.9873	0.5574	0.9770	0.9625	0.9571	0.9532	0.9597	0.9618
75.5	0.9835	0.4309	0.9744	0.9639	0.9573	0.9470	0.9610	0.9569
75.6	0.9808	0.4232	0.9760	0.9697	0.9547	0.9408	0.9674	0.9569
75.7	0.9744	0.3946	0.9712	0.9567	0.9478	0.9235	0.9509	0.9462
75.8	0.9725	0.3742	0.9692	0.9499	0.9481	0.9142	0.9422	0.9451
75.9	0.9832	0.6020	0.9750	0.9572	0.9486	0.9278	0.9525	0.9476
76.0	0.9799	0.4770	0.9696	0.9497	0.9439	0.9304	0.9479	0.9465
76.1	0.9805	0.4272	0.9703	0.9456	0.9472	0.9354	0.9450	0.9520
76.2	0.9778	0.4936	0.9745	0.9543	0.9590	0.9323	0.9495	0.9591
76.3	0.9843	0.6168	0.9835	0.9735	0.9718	0.9539	0.9701	0.9716
76.4	0.9782	0.6042	0.9766	0.9632	0.9639	0.9331	0.9583	0.9645
76.5	0.9729	0.5991	0.9709	0.9504	0.9602	0.9156	0.9428	0.9602
76.6	0.9801	0.6780	0.9732	0.9611	0.9618	0.9290	0.9550	0.9613
76.7	0.9802	0.7117	0.9718	0.9673	0.9581	0.9237	0.9598	0.9573

76.8	0.9854	0.7495	0.9818	0.9747	0.9719	0.9469	0.9690	0.9743
76.9	0.9784	0.7675	0.9758	0.9594	0.9673	0.9566	0.9569	0.9715
77.0	0.9649	0.7148	0.9579	0.9344	0.9420	0.9010	0.9251	0.9455
77.1	0.9764	0.6863	0.9691	0.9585	0.9510	0.9060	0.9491	0.9554
77.2	0.9736	0.7306	0.9659	0.9451	0.9561	0.9142	0.9324	0.9550
77.3	0.9747	0.8114	0.9672	0.9382	0.9620	0.9236	0.9226	0.9624
77.4	0.9739	0.8426	0.9681	0.9451	0.9644	0.9297	0.9317	0.9677
77.5	0.9696	0.8253	0.9656	0.9364	0.9569	0.9130	0.9196	0.9567
77.6	0.9742	0.8578	0.9735	0.9440	0.9690	0.9388	0.9264	0.9691
77.7	0.9708	0.8789	0.9717	0.9408	0.9692	0.9358	0.9251	0.9692
77.8	0.9689	0.8607	0.9553	0.9174	0.9464	0.9257	0.9007	0.9508
77.9	0.9694	0.8597	0.9582	0.9176	0.9465	0.9040	0.8906	0.9518
78.0	0.9769	0.8709	0.9701	0.9510	0.9605	0.9310	0.9335	0.9642
78.1	0.9721	0.8683	0.9640	0.9427	0.9568	0.9065	0.9231	0.9601
78.2	0.9579	0.8326	0.9359	0.8860	0.9205	0.8616	0.8516	0.9287
78.3	0.9627	0.8652	0.9447	0.8911	0.9397	0.9028	0.8537	0.9445
78.4	0.9628	0.9093	0.9498	0.8830	0.9541	0.9211	0.8427	0.9565
78.5	0.9609	0.8385	0.9452	0.8729	0.9533	0.9213	0.8386	0.9595
78.6	0.9682	0.8920	0.9477	0.8902	0.9506	0.9349	0.8716	0.9605
78.7	0.9617	0.8715	0.9414	0.8660	0.9283	0.8978	0.8183	0.9411
78.8	0.9617	0.8699	0.9461	0.8716	0.9353	0.9140	0.8203	0.9462
78.9	0.9520	0.8857	0.9295	0.8281	0.9348	0.9275	0.8091	0.9448
79.0	0.9471	0.8919	0.9053	0.7928	0.9177	0.9220	0.7873	0.9370
79.1	0.9537	0.9034	0.9342	0.8403	0.9280	0.9310	0.8333	0.9458
79.2	0.9480	0.8784	0.9222	0.7949	0.9304	0.9258	0.8046	0.9439
79.3	0.9447	0.8832	0.8908	0.7362	0.9108	0.9164	0.8047	0.9327
79.4	0.9672	0.9115	0.9098	0.8268	0.9179	0.9294	0.8849	0.9421
79.5	0.9612	0.9080	0.9048	0.8061	0.9334	0.9381	0.8691	0.9458
79.6	0.9483	0.8836	0.8688	0.7436	0.9137	0.9281	0.8374	0.9361
79.7	0.9608	0.8743	0.8634	0.7865	0.8936	0.9230	0.8771	0.9295
79.8	0.9636	0.8928	0.8628	0.7986	0.8758	0.9175	0.8866	0.9169
79.9	0.9522	0.8797	0.8161	0.7502	0.8425	0.8771	0.8414	0.9046
80.0	0.9600	0.8956	0.8774	0.7994	0.8573	0.8756	0.8542	0.9285

2.2.93 Run 8 – VT315-200 – Accels 17–24

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0133	0.0283	0.4013	0.1261	0.2010	0.0135	0.1620	0.1397
0.1	0.0221	0.0805	0.0579	0.0003	0.0019	0.0137	0.0268	0.0159
0.2	0.0058	0.0043	0.0003	0.0261	0.0263	0.0718	0.0027	0.0007
0.3	0.0464	0.0657	0.0068	0.0042	0.0384	0.0806	0.0039	0.0148
0.4	0.0214	0.0154	0.0818	0.0315	0.0010	0.0113	0.0012	0.0053
0.5	0.0346	0.0140	0.2764	0.0116	0.0410	0.0045	0.0652	0.0654
0.6	0.0168	0.0014	0.3631	0.0165	0.0059	0.0085	0.0311	0.0341
0.7	0.0127	0.0518	0.4042	0.0065	0.0421	0.0387	0.0423	0.0549
0.8	0.0446	0.0297	0.4781	0.0020	0.0144	0.0565	0.0274	0.0571
0.9	0.0288	0.0069	0.5817	0.0007	0.0060	0.0517	0.0313	0.0779
1.0	0.0215	0.0189	0.6469	0.0337	0.0064	0.0264	0.0201	0.0250
1.1	0.0487	0.0230	0.7644	0.0290	0.0188	0.0106	0.0706	0.0233
1.2	0.0259	0.0427	0.7851	0.0085	0.0223	0.0205	0.0066	0.0395
1.3	0.1194	0.0279	0.8381	0.0260	0.0131	0.0288	0.0557	0.0425
1.4	0.1797	0.1277	0.9012	0.0605	0.0023	0.0458	0.0304	0.0359
1.5	0.1837	0.2797	0.8711	0.0846	0.0103	0.0135	0.0363	0.2145
1.6	0.2046	0.2730	0.8912	0.1536	0.0200	0.0069	0.0345	0.1923
1.7	0.0754	0.1642	0.9494	0.0954	0.0107	0.0073	0.1287	0.0662
1.8	0.1896	0.4957	0.9404	0.0321	0.0122	0.0121	0.2759	0.0118
1.9	0.3554	0.6414	0.9273	0.1696	0.1220	0.0837	0.2983	0.4166
2.0	0.4169	0.4926	0.8682	0.3998	0.1020	0.0495	0.4419	0.4345
2.1	0.3851	0.3698	0.5392	0.3812	0.0248	0.1619	0.4423	0.3411
2.2	0.2463	0.2140	0.0629	0.2849	0.0475	0.0116	0.0837	0.2162
2.3	0.3005	0.3142	0.7544	0.3207	0.0230	0.1599	0.1889	0.3211
2.4	0.1948	0.6273	0.9560	0.1251	0.0125	0.1381	0.0889	0.6210
2.5	0.0922	0.4917	0.9676	0.0601	0.0207	0.3376	0.0658	0.4629
2.6	0.2288	0.5893	0.9892	0.1535	0.0025	0.3322	0.1854	0.5842
2.7	0.5718	0.7620	0.9901	0.3539	0.0037	0.3029	0.4426	0.6590
2.8	0.3606	0.7692	0.9914	0.2126	0.0201	0.2719	0.2432	0.5764
2.9	0.2313	0.5195	0.9912	0.1383	0.0263	0.0757	0.0794	0.5085
3.0	0.1656	0.2507	0.9921	0.1491	0.0163	0.2109	0.0872	0.4325
3.1	0.0594	0.3291	0.9928	0.1587	0.0038	0.2239	0.0517	0.2480
3.2	0.0552	0.2691	0.9874	0.1474	0.0019	0.0962	0.0970	0.1029
3.3	0.0720	0.2636	0.9934	0.0701	0.0150	0.0797	0.0794	0.2123
3.4	0.0725	0.3881	0.9879	0.0188	0.0037	0.0265	0.0003	0.2101
3.5	0.0171	0.3302	0.9763	0.0086	0.0097	0.0590	0.0089	0.1147
3.6	0.0402	0.2600	0.9568	0.0557	0.0447	0.0466	0.0536	0.1457
3.7	0.0401	0.2051	0.9861	0.0308	0.0026	0.0953	0.1246	0.2194
3.8	0.0833	0.5061	0.9980	0.0460	0.0030	0.2549	0.2545	0.4823
3.9	0.3121	0.5059	0.9991	0.0876	0.0109	0.5157	0.3803	0.4856
4.0	0.3175	0.4062	0.9989	0.0762	0.0077	0.6900	0.2763	0.3943
4.1	0.4141	0.1859	0.9991	0.0426	0.0068	0.7305	0.1361	0.4638
4.2	0.3307	0.1470	0.9986	0.0300	0.0008	0.6304	0.0685	0.2904
4.3	0.2739	0.1464	0.9990	0.1834	0.0076	0.5643	0.0603	0.0630
4.4	0.2862	0.1875	0.9989	0.1729	0.0267	0.5718	0.0099	0.2750
4.5	0.2509	0.3600	0.9984	0.0195	0.0234	0.4720	0.0684	0.4176
4.6	0.2767	0.5383	0.9980	0.0155	0.0001	0.3897	0.0562	0.3881
4.7	0.1277	0.6233	0.9978	0.0360	0.0200	0.5440	0.1641	0.6074
4.8	0.3748	0.7436	0.9973	0.2616	0.0323	0.5849	0.3226	0.7727
4.9	0.2125	0.6391	0.9924	0.1971	0.0603	0.5586	0.1477	0.6308
5.0	0.3970	0.4478	0.9963	0.1227	0.0956	0.7888	0.1067	0.4911
5.1	0.6610	0.6996	0.9989	0.4475	0.0115	0.9179	0.4403	0.7164
5.2	0.7231	0.5416	0.9986	0.5328	0.0136	0.9208	0.5265	0.5236
5.3	0.6152	0.0950	0.9982	0.4588	0.0324	0.8527	0.4709	0.1481
5.4	0.3608	0.0873	0.9958	0.4667	0.0211	0.7937	0.4814	0.1114
5.5	0.0552	0.2852	0.9954	0.2305	0.0053	0.8058	0.3378	0.2186
5.6	0.3748	0.6452	0.9984	0.3139	0.0376	0.8867	0.4755	0.5475
5.7	0.7291	0.7969	0.9989	0.4106	0.0479	0.9471	0.5163	0.7993
5.8	0.8897	0.9152	0.9994	0.6449	0.0234	0.9692	0.6449	0.9285
5.9	0.9493	0.8968	0.9994	0.7740	0.0838	0.9819	0.7586	0.9167
6.0	0.9623	0.8235	0.9993	0.8066	0.0409	0.9820	0.7645	0.8837
6.1	0.9804	0.8485	0.9995	0.8939	0.0205	0.9863	0.8595	0.9332
6.2	0.9803	0.8124	0.9995	0.9352	0.0059	0.9897	0.9020	0.9551
6.3	0.9822	0.4821	0.9997	0.9547	0.0413	0.9891	0.9316	0.9394
6.4	0.9814	0.0228	0.9997	0.9587	0.0001	0.9910	0.9429	0.9417
6.5	0.9757	0.2621	0.9996	0.9605	0.0038	0.9877	0.9507	0.9099
6.6	0.9784	0.6858	0.9996	0.9673	0.0163	0.9911	0.9568	0.9134
6.7	0.9776	0.9013	0.9993	0.9691	0.0608	0.9906	0.9639	0.9288
6.8	0.9570	0.9110	0.9963	0.9513	0.0309	0.9901	0.9474	0.9329
6.9	0.9484	0.9078	0.9853	0.9515	0.0053	0.9907	0.9458	0.9272
7.0	0.9257	0.8888	0.9574	0.9223	0.0983	0.9894	0.9206	0.9053
7.1	0.8957	0.8730	0.9307	0.8899	0.0095	0.9859	0.8875	0.8455
7.2	0.9247	0.9031	0.9668	0.9216	0.0141	0.9851	0.9205	0.8523
7.3	0.9441	0.9184	0.9826	0.9428	0.0025	0.9811	0.9439	0.8642
7.4	0.9355	0.9261	0.9834	0.9403	0.0192	0.9849	0.9411	0.9009
7.5	0.9716	0.9734	0.9955	0.9718	0.0859	0.9962	0.9705	0.9474
7.6	0.9855	0.9908	0.9987	0.9840	0.0165	0.9976	0.9819	0.9590
7.7	0.9953	0.9921	0.9998	0.9930	0.0113	0.9970	0.9911	0.9639
7.8	0.9976	0.9943	0.9997	0.9927	0.0016	0.9951	0.9910	0.9666
7.9	0.9942	0.9921	0.9990	0.9870	0.0029	0.9924	0.9840	0.9392

8.0	0.9952	0.9938	0.9993	0.9915	0.0129	0.9946	0.9897	0.9207
8.1	0.9971	0.9924	0.9995	0.9916	0.0046	0.9960	0.9897	0.9215
8.2	0.9958	0.9910	0.9992	0.9908	0.0167	0.9941	0.9887	0.8934
8.3	0.9973	0.9921	0.9995	0.9929	0.0445	0.9967	0.9918	0.8055
8.4	0.9970	0.9901	0.9994	0.9931	0.0089	0.9959	0.9917	0.6195
8.5	0.9952	0.9856	0.9988	0.9916	0.0183	0.9923	0.9895	0.5000
8.6	0.9956	0.9865	0.9990	0.9933	0.0090	0.9927	0.9920	0.5384
8.7	0.9906	0.9814	0.9978	0.9885	0.0689	0.9857	0.9881	0.5496
8.8	0.9934	0.9820	0.9984	0.9921	0.0402	0.9902	0.9918	0.6825
8.9	0.9892	0.9816	0.9976	0.9885	0.0064	0.9860	0.9887	0.8098
9.0	0.9845	0.9810	0.9977	0.9848	0.0455	0.9831	0.9850	0.8904
9.1	0.9863	0.9650	0.9969	0.9871	0.0229	0.9837	0.9872	0.9310
9.2	0.9566	0.9599	0.9873	0.9621	0.0277	0.9477	0.9619	0.9159
9.3	0.9589	0.9649	0.9863	0.9617	0.0215	0.9565	0.9613	0.9301
9.4	0.9414	0.9518	0.9735	0.9414	0.0524	0.9446	0.9417	0.9195
9.5	0.9515	0.9663	0.9735	0.9472	0.1457	0.9592	0.9458	0.9423
9.6	0.9292	0.9522	0.9519	0.9170	0.0503	0.9457	0.9162	0.9244
9.7	0.9727	0.9554	0.9849	0.9635	0.0542	0.9816	0.9622	0.9421
9.8	0.9793	0.9622	0.9912	0.9696	0.1161	0.9873	0.9687	0.9443
9.9	0.9861	0.9573	0.9954	0.9751	0.1104	0.9928	0.9724	0.9400
10.0	0.9874	0.9671	0.9966	0.9740	0.0315	0.9940	0.9710	0.9525
10.1	0.9897	0.9685	0.9978	0.9729	0.0254	0.9953	0.9690	0.9479
10.2	0.9875	0.9612	0.9969	0.9656	0.0409	0.9950	0.9576	0.9412
10.3	0.9955	0.9674	0.9989	0.9775	0.0501	0.9989	0.9716	0.9550
10.4	0.9934	0.9626	0.9984	0.9630	0.0060	0.9987	0.9571	0.9458
10.5	0.9962	0.9766	0.9988	0.9787	0.0748	0.9990	0.9742	0.9707
10.6	0.9956	0.9829	0.9988	0.9644	0.0982	0.9985	0.9568	0.9796
10.7	0.9924	0.9896	0.9987	0.9468	0.0556	0.9982	0.9174	0.9800
10.8	0.9918	0.9925	0.9991	0.9239	0.1302	0.9985	0.8855	0.9823
10.9	0.9855	0.9905	0.9981	0.9017	0.1210	0.9978	0.8757	0.9821
11.0	0.9911	0.9948	0.9989	0.9570	0.0972	0.9988	0.9397	0.9895
11.1	0.9894	0.9947	0.9988	0.9615	0.0648	0.9989	0.9480	0.9893
11.2	0.9897	0.9938	0.9990	0.9731	0.0881	0.9987	0.9708	0.9898
11.3	0.9886	0.9946	0.9988	0.9814	0.0469	0.9985	0.9822	0.9919
11.4	0.9769	0.9964	0.9985	0.9830	0.0680	0.9978	0.9807	0.9932
11.5	0.9667	0.9967	0.9985	0.9860	0.0986	0.9979	0.9833	0.9935
11.6	0.9596	0.9966	0.9983	0.9892	0.1321	0.9975	0.9876	0.9943
11.7	0.9440	0.9967	0.9982	0.9909	0.0962	0.9972	0.9895	0.9940
11.8	0.9534	0.9973	0.9981	0.9945	0.0954	0.9969	0.9928	0.9956
11.9	0.9377	0.9970	0.9974	0.9938	0.1280	0.9958	0.9912	0.9935
12.0	0.9523	0.9954	0.9975	0.9932	0.1116	0.9957	0.9903	0.9909
12.1	0.9734	0.9963	0.9975	0.9945	0.1091	0.9958	0.9925	0.9902
12.2	0.9801	0.9959	0.9973	0.9957	0.1547	0.9958	0.9929	0.9822
12.3	0.9717	0.9907	0.9961	0.9924	0.1132	0.9939	0.9878	0.9680
12.4	0.9792	0.9901	0.9966	0.9928	0.2932	0.9945	0.9882	0.9730
12.5	0.9873	0.9895	0.9971	0.9956	0.4406	0.9957	0.9872	0.9747
12.6	0.9868	0.9859	0.9973	0.9957	0.4935	0.9970	0.9866	0.9743
12.7	0.9852	0.9812	0.9963	0.9948	0.6297	0.9960	0.9821	0.9711
12.8	0.9920	0.9893	0.9977	0.9951	0.7314	0.9974	0.9921	0.9863
12.9	0.9842	0.9809	0.9949	0.9886	0.7319	0.9971	0.9895	0.9779
13.0	0.9829	0.9829	0.9936	0.9824	0.7937	0.9967	0.9895	0.9812
13.1	0.9800	0.9850	0.9932	0.9769	0.8431	0.9964	0.9920	0.9848
13.2	0.9678	0.9826	0.9918	0.9565	0.8966	0.9924	0.9947	0.9845
13.3	0.9075	0.9603	0.9815	0.8869	0.8628	0.9769	0.9907	0.9650
13.4	0.7288	0.9482	0.9741	0.8577	0.8541	0.9619	0.9871	0.9532
13.5	0.3878	0.9457	0.9761	0.8900	0.8785	0.9643	0.9884	0.9494
13.6	0.5801	0.9446	0.9801	0.9244	0.8997	0.9647	0.9874	0.9461
13.7	0.7671	0.9487	0.9858	0.9351	0.8957	0.9722	0.9779	0.9492
13.8	0.8748	0.9421	0.9888	0.9452	0.8282	0.9716	0.9702	0.9407
13.9	0.9332	0.9761	0.9870	0.9648	0.8738	0.9821	0.9732	0.9766
14.0	0.9265	0.9822	0.9750	0.9546	0.8185	0.9733	0.9617	0.9833
14.1	0.9215	0.9893	0.9645	0.9425	0.7442	0.9600	0.9496	0.9920
14.2	0.9332	0.9937	0.9634	0.9417	0.7489	0.9516	0.9494	0.9942
14.3	0.9354	0.9941	0.9583	0.9353	0.7292	0.9324	0.9428	0.9925
14.4	0.9685	0.9963	0.9791	0.9658	0.7574	0.9563	0.9705	0.9951
14.5	0.9767	0.9967	0.9845	0.9746	0.7791	0.9627	0.9782	0.9955
14.6	0.9807	0.9961	0.9889	0.9805	0.8104	0.9680	0.9838	0.9960
14.7	0.9862	0.9963	0.9943	0.9876	0.8267	0.9773	0.9906	0.9976
14.8	0.9871	0.9936	0.9958	0.9894	0.8313	0.9586	0.9921	0.9978
14.9	0.9765	0.9900	0.9950	0.9854	0.8216	0.9304	0.9896	0.9968
15.0	0.9846	0.9946	0.9972	0.9916	0.8713	0.9574	0.9945	0.9975
15.1	0.9739	0.9978	0.9972	0.9893	0.8712	0.9598	0.9945	0.9967
15.2	0.9701	0.9990	0.9977	0.9900	0.7613	0.9646	0.9959	0.9961
15.3	0.9731	0.9991	0.9982	0.9927	0.7726	0.9717	0.9976	0.9966
15.4	0.9671	0.9987	0.9981	0.9928	0.7635	0.9546	0.9978	0.9953
15.5	0.9576	0.9987	0.9984	0.9916	0.7312	0.9476	0.9979	0.9940
15.6	0.9570	0.9985	0.9986	0.9923	0.7393	0.9464	0.9980	0.9928
15.7	0.9501	0.9984	0.9983	0.9903	0.5562	0.9389	0.9975	0.9902
15.8	0.9499	0.9987	0.9986	0.9897	0.6006	0.9484	0.9975	0.9889
15.9	0.9637	0.9988	0.9992	0.9930	0.5986	0.9595	0.9981	0.9902
16.0	0.9608	0.9980	0.9989	0.9914	0.5554	0.9496	0.9973	0.9869
16.1	0.9514	0.9974	0.9983	0.9887	0.5244	0.9342	0.9951	0.9771
16.2	0.9754	0.9984	0.9992	0.9938	0.6216	0.9683	0.9963	0.9813
16.3	0.9833	0.9983	0.9992	0.9943	0.6498	0.9690	0.9958	0.9810
16.4	0.9861	0.9984	0.9993	0.9956	0.7100	0.9689	0.9958	0.9822
16.5	0.9848	0.9985	0.9991	0.9941	0.6647	0.9606	0.9947	0.9849

16.6	0.9836	0.9980	0.9995	0.9949	0.6359	0.9595	0.9955	0.9900
16.7	0.9832	0.9970	0.9995	0.9947	0.6968	0.9617	0.9958	0.9907
16.8	0.9814	0.9921	0.9992	0.9946	0.5448	0.9129	0.9955	0.9894
16.9	0.9842	0.9912	0.9989	0.9934	0.4110	0.8635	0.9936	0.9873
17.0	0.9885	0.9933	0.9993	0.9938	0.5738	0.9442	0.9949	0.9912
17.1	0.9899	0.9882	0.9994	0.9948	0.5051	0.8841	0.9964	0.9931
17.2	0.9922	0.9931	0.9994	0.9958	0.4076	0.9029	0.9973	0.9958
17.3	0.9939	0.9959	0.9995	0.9964	0.4194	0.9658	0.9977	0.9967
17.4	0.9944	0.9915	0.9995	0.9963	0.3472	0.9758	0.9973	0.9961
17.5	0.9928	0.9931	0.9995	0.9947	0.3387	0.9734	0.9969	0.9960
17.6	0.9910	0.9965	0.9994	0.9943	0.4386	0.9790	0.9976	0.9972
17.7	0.9916	0.9945	0.9995	0.9946	0.5229	0.9793	0.9977	0.9977
17.8	0.9917	0.9885	0.9996	0.9932	0.5499	0.9758	0.9976	0.9961
17.9	0.9915	0.9788	0.9996	0.9925	0.5560	0.9768	0.9977	0.9956
18.0	0.9939	0.9803	0.9996	0.9926	0.5218	0.9805	0.9975	0.9951
18.1	0.9927	0.9763	0.9992	0.9915	0.4356	0.9785	0.9976	0.9930
18.2	0.9924	0.9773	0.9995	0.9928	0.3082	0.9704	0.9985	0.9924
18.3	0.9939	0.9732	0.9994	0.9938	0.3235	0.9597	0.9982	0.9914
18.4	0.9924	0.9709	0.9993	0.9865	0.4227	0.9181	0.9975	0.9911
18.5	0.9881	0.9570	0.9995	0.9594	0.4069	0.7337	0.9957	0.9900
18.6	0.9783	0.9244	0.9996	0.8820	0.4048	0.7080	0.9922	0.9868
18.7	0.9874	0.9295	0.9997	0.9501	0.5242	0.9221	0.9945	0.9872
18.8	0.9925	0.9545	0.9996	0.9905	0.5424	0.9567	0.9977	0.9861
18.9	0.9947	0.9548	0.9996	0.9943	0.6026	0.9465	0.9977	0.9888
19.0	0.9945	0.9410	0.9996	0.9951	0.5720	0.9495	0.9976	0.9878
19.1	0.9946	0.9377	0.9996	0.9945	0.4969	0.9587	0.9964	0.9851
19.2	0.9962	0.9173	0.9996	0.9952	0.5496	0.9637	0.9968	0.9843
19.3	0.9970	0.9064	0.9997	0.9961	0.5915	0.9727	0.9970	0.9838
19.4	0.9960	0.8582	0.9996	0.9948	0.5572	0.9695	0.9965	0.9749
19.5	0.9955	0.7958	0.9996	0.9946	0.4772	0.9669	0.9963	0.9670
19.6	0.9956	0.7953	0.9996	0.9946	0.4689	0.9809	0.9947	0.9493
19.7	0.9958	0.8515	0.9997	0.9961	0.6626	0.9812	0.9947	0.9462
19.8	0.9972	0.8527	0.9996	0.9954	0.5721	0.9749	0.9960	0.9590
19.9	0.9968	0.7467	0.9994	0.9922	0.4900	0.9673	0.9937	0.8799
20.0	0.9974	0.8622	0.9995	0.9953	0.5445	0.9786	0.9949	0.8561
20.1	0.9977	0.8863	0.9995	0.9963	0.4610	0.9818	0.9948	0.8000
20.2	0.9971	0.8692	0.9996	0.9958	0.4951	0.9827	0.9938	0.8240
20.3	0.9969	0.8935	0.9995	0.9927	0.4428	0.9822	0.9945	0.8393
20.4	0.9971	0.9354	0.9997	0.9946	0.4619	0.9858	0.9958	0.8575
20.5	0.9961	0.9306	0.9996	0.9931	0.4890	0.9838	0.9956	0.8756
20.6	0.9950	0.9461	0.9996	0.9927	0.5567	0.9827	0.9962	0.9142
20.7	0.9942	0.9448	0.9996	0.9910	0.6623	0.9787	0.9950	0.9151
20.8	0.9925	0.9389	0.9995	0.9904	0.6350	0.9759	0.9938	0.9296
20.9	0.9899	0.9511	0.9996	0.9920	0.6560	0.9731	0.9936	0.9415
21.0	0.9919	0.9641	0.9997	0.9925	0.7292	0.9761	0.9950	0.9560
21.1	0.9924	0.9691	0.9996	0.9934	0.7312	0.9777	0.9956	0.9702
21.2	0.9837	0.9479	0.9996	0.9900	0.6501	0.9684	0.9931	0.9656
21.3	0.9836	0.9540	0.9996	0.9925	0.6521	0.9745	0.9917	0.9689
21.4	0.9823	0.9476	0.9996	0.9892	0.6369	0.9802	0.9909	0.9663
21.5	0.9770	0.9356	0.9994	0.9858	0.5727	0.9777	0.9887	0.9642
21.6	0.9790	0.9377	0.9995	0.9870	0.7023	0.9784	0.9905	0.9742
21.7	0.9830	0.9448	0.9995	0.9905	0.7885	0.9859	0.9924	0.9789
21.8	0.9865	0.9387	0.9995	0.9889	0.7460	0.9893	0.9912	0.9784
21.9	0.9906	0.9410	0.9994	0.9883	0.7608	0.9877	0.9932	0.9830
22.0	0.9906	0.9258	0.9992	0.9847	0.7862	0.9888	0.9910	0.9829
22.1	0.9889	0.9107	0.9993	0.9828	0.8096	0.9907	0.9915	0.9875
22.2	0.9919	0.9314	0.9993	0.9865	0.8257	0.9922	0.9927	0.9888
22.3	0.9937	0.9430	0.9994	0.9859	0.8916	0.9925	0.9921	0.9852
22.4	0.9944	0.9600	0.9994	0.9874	0.9054	0.9924	0.9928	0.9840
22.5	0.9921	0.9463	0.9988	0.9825	0.8411	0.9864	0.9853	0.9656
22.6	0.9944	0.9671	0.9992	0.9870	0.8377	0.9887	0.9866	0.9647
22.7	0.9973	0.9761	0.9993	0.9891	0.8465	0.9909	0.9885	0.9629
22.8	0.9973	0.9791	0.9991	0.9896	0.8664	0.9884	0.9880	0.9570
22.9	0.9957	0.9810	0.9993	0.9899	0.8832	0.9847	0.9848	0.9480
23.0	0.9962	0.9844	0.9993	0.9920	0.8830	0.9877	0.9840	0.9369
23.1	0.9977	0.9939	0.9995	0.9962	0.8913	0.9925	0.9870	0.9361
23.2	0.9983	0.9946	0.9996	0.9963	0.8810	0.9930	0.9910	0.9328
23.3	0.9979	0.9938	0.9995	0.9961	0.8185	0.9921	0.9915	0.8885
23.4	0.9978	0.9944	0.9994	0.9967	0.7538	0.9933	0.9910	0.8347
23.5	0.9984	0.9958	0.9995	0.9972	0.8027	0.9937	0.9925	0.8020
23.6	0.9984	0.9961	0.9996	0.9977	0.7515	0.9938	0.9946	0.7186
23.7	0.9985	0.9969	0.9995	0.9984	0.7505	0.9959	0.9959	0.5032
23.8	0.9983	0.9969	0.9995	0.9984	0.7588	0.9961	0.9962	0.3320
23.9	0.9983	0.9966	0.9995	0.9985	0.7571	0.9957	0.9958	0.1511
24.0	0.9977	0.9951	0.9995	0.9983	0.6540	0.9916	0.9956	0.0211
24.1	0.9972	0.9932	0.9993	0.9975	0.6606	0.9863	0.9951	0.0544
24.2	0.9961	0.9924	0.9994	0.9977	0.6347	0.9853	0.9948	0.0925
24.3	0.9962	0.9922	0.9995	0.9982	0.4390	0.9860	0.9954	0.3116
24.4	0.9976	0.9947	0.9995	0.9983	0.4581	0.9893	0.9958	0.4037
24.5	0.9975	0.9966	0.9995	0.9989	0.5625	0.9917	0.9964	0.5097
24.6	0.9977	0.9967	0.9996	0.9989	0.4311	0.9934	0.9965	0.6523
24.7	0.9980	0.9983	0.9996	0.9991	0.4531	0.9952	0.9967	0.6859
24.8	0.9979	0.9986	0.9994	0.9986	0.3977	0.9927	0.9973	0.6403
24.9	0.9983	0.9987	0.9993	0.9988	0.5297	0.9929	0.9971	0.6526
25.0	0.9986	0.9985	0.9993	0.9991	0.5542	0.9952	0.9973	0.7276
25.1	0.9989	0.9987	0.9995	0.9992	0.4199	0.9961	0.9974	0.7891

25.2	0.9988	0.9990	0.9995	0.9990	0.3442	0.9955	0.9975	0.7968
25.3	0.9989	0.9987	0.9995	0.9993	0.5003	0.9953	0.9977	0.8463
25.4	0.9986	0.9982	0.9995	0.9991	0.5103	0.9949	0.9979	0.8660
25.5	0.9982	0.9976	0.9993	0.9989	0.3010	0.9945	0.9981	0.8847
25.6	0.9958	0.9946	0.9991	0.9987	0.1079	0.9885	0.9969	0.8864
25.7	0.9961	0.9946	0.9991	0.9987	0.2152	0.9884	0.9958	0.8965
25.8	0.9981	0.9964	0.9994	0.9992	0.4174	0.9950	0.9980	0.9432
25.9	0.9974	0.9952	0.9992	0.9993	0.3549	0.9935	0.9977	0.9510
26.0	0.9980	0.9957	0.9992	0.9991	0.2820	0.9934	0.9976	0.9625
26.1	0.9982	0.9939	0.9991	0.9992	0.2930	0.9953	0.9975	0.9674
26.2	0.9978	0.9933	0.9992	0.9990	0.2579	0.9952	0.9979	0.9782
26.3	0.9980	0.9945	0.9993	0.9990	0.1440	0.9956	0.9984	0.9840
26.4	0.9983	0.9925	0.9994	0.9990	0.2620	0.9957	0.9979	0.9836
26.5	0.9983	0.9911	0.9993	0.9990	0.3467	0.9959	0.9976	0.9807
26.6	0.9978	0.9913	0.9992	0.9989	0.2376	0.9952	0.9981	0.9857
26.7	0.9969	0.9869	0.9988	0.9984	0.2424	0.9918	0.9979	0.9857
26.8	0.9983	0.9831	0.9990	0.9987	0.1415	0.9926	0.9975	0.9848
26.9	0.9988	0.9814	0.9988	0.9986	0.1199	0.9933	0.9973	0.9847
27.0	0.9981	0.9623	0.9984	0.9985	0.2049	0.9924	0.9959	0.9855
27.1	0.9983	0.9726	0.9985	0.9988	0.1627	0.9930	0.9959	0.9890
27.2	0.9978	0.9695	0.9983	0.9988	0.0274	0.9909	0.9967	0.9887
27.3	0.9981	0.9822	0.9985	0.9989	0.0148	0.9941	0.9959	0.9896
27.4	0.9983	0.9862	0.9982	0.9984	0.0068	0.9945	0.9965	0.9920
27.5	0.9987	0.9875	0.9977	0.9985	0.0089	0.9889	0.9943	0.9884
27.6	0.9968	0.9852	0.9967	0.9982	0.0051	0.9811	0.9913	0.9859
27.7	0.9973	0.9870	0.9963	0.9987	0.0053	0.9766	0.9909	0.9823
27.8	0.9979	0.9898	0.9967	0.9984	0.0275	0.9834	0.9931	0.9860
27.9	0.9980	0.9927	0.9973	0.9986	0.1016	0.9879	0.9943	0.9882
28.0	0.9980	0.9945	0.9972	0.9987	0.1414	0.9860	0.9937	0.9889
28.1	0.9976	0.9947	0.9967	0.9977	0.0322	0.9845	0.9911	0.9869
28.2	0.9966	0.9951	0.9965	0.9959	0.0117	0.9868	0.9929	0.9882
28.3	0.9967	0.9952	0.9963	0.9967	0.0406	0.9907	0.9940	0.9885
28.4	0.9973	0.9968	0.9958	0.9977	0.0609	0.9876	0.9943	0.9892
28.5	0.9978	0.9952	0.9959	0.9975	0.0713	0.9878	0.9948	0.9862
28.6	0.9981	0.9971	0.9962	0.9981	0.2089	0.9918	0.9964	0.9893
28.7	0.9978	0.9964	0.9968	0.9983	0.1344	0.9919	0.9956	0.9932
28.8	0.9975	0.9973	0.9965	0.9983	0.1148	0.9926	0.9950	0.9920
28.9	0.9973	0.9967	0.9956	0.9979	0.0654	0.9925	0.9948	0.9902
29.0	0.9978	0.9972	0.9956	0.9982	0.0208	0.9930	0.9949	0.9907
29.1	0.9958	0.9957	0.9947	0.9971	0.0351	0.9906	0.9947	0.9914
29.2	0.9968	0.9964	0.9951	0.9974	0.0541	0.9939	0.9936	0.9938
29.3	0.9977	0.9981	0.9955	0.9980	0.1837	0.9960	0.9945	0.9960
29.4	0.9970	0.9971	0.9961	0.9977	0.1531	0.9953	0.9932	0.9957
29.5	0.9974	0.9974	0.9958	0.9982	0.1432	0.9954	0.9933	0.9955
29.6	0.9970	0.9968	0.9942	0.9978	0.1519	0.9954	0.9926	0.9948
29.7	0.9958	0.9956	0.9943	0.9966	0.0194	0.9942	0.9919	0.9930
29.8	0.9953	0.9938	0.9939	0.9967	0.0703	0.9924	0.9907	0.9923
29.9	0.9955	0.9912	0.9933	0.9964	0.1070	0.9929	0.9895	0.9942
30.0	0.9943	0.9917	0.9923	0.9960	0.0937	0.9930	0.9882	0.9921
30.1	0.9955	0.9966	0.9942	0.9966	0.0612	0.9940	0.9871	0.9918
30.2	0.9959	0.9976	0.9944	0.9974	0.0445	0.9951	0.9903	0.9944
30.3	0.9943	0.9957	0.9913	0.9960	0.0017	0.9926	0.9860	0.9922
30.4	0.9938	0.9945	0.9894	0.9954	0.0163	0.9932	0.9840	0.9902
30.5	0.9942	0.9950	0.9910	0.9950	0.0393	0.9954	0.9835	0.9918
30.6	0.9936	0.9941	0.9888	0.9946	0.0656	0.9935	0.9771	0.9885
30.7	0.9900	0.9940	0.9796	0.9937	0.0827	0.9909	0.9663	0.9873
30.8	0.9896	0.9914	0.9764	0.9906	0.0852	0.9909	0.9619	0.9836
30.9	0.9912	0.9947	0.9848	0.9932	0.0124	0.9930	0.9731	0.9839
31.0	0.9900	0.9929	0.9795	0.9904	0.0018	0.9932	0.9628	0.9764
31.1	0.9881	0.9916	0.9717	0.9885	0.0239	0.9922	0.9490	0.9766
31.2	0.9860	0.9929	0.9686	0.9858	0.0398	0.9910	0.9510	0.9708
31.3	0.9865	0.9932	0.9755	0.9863	0.0365	0.9903	0.9598	0.9692
31.4	0.9837	0.9934	0.9741	0.9847	0.0370	0.9911	0.9575	0.9684
31.5	0.9800	0.9928	0.9665	0.9820	0.0643	0.9917	0.9363	0.9563
31.6	0.9823	0.9911	0.9676	0.9758	0.0650	0.9875	0.9460	0.9471
31.7	0.9824	0.9870	0.9664	0.9737	0.0550	0.9850	0.9463	0.9465
31.8	0.9721	0.9849	0.9286	0.9621	0.0568	0.9824	0.9269	0.9384
31.9	0.9445	0.9787	0.8610	0.9328	0.0387	0.9711	0.9038	0.9344
32.0	0.9407	0.9732	0.8574	0.9177	0.1790	0.9691	0.9053	0.9264
32.1	0.9644	0.9792	0.9166	0.9256	0.2290	0.9758	0.9363	0.9064
32.2	0.9627	0.9817	0.9285	0.9189	0.2111	0.9757	0.9514	0.9217
32.3	0.9583	0.9807	0.9188	0.9139	0.1682	0.9729	0.9488	0.9318
32.4	0.9456	0.9723	0.8763	0.8745	0.1227	0.9608	0.9235	0.9046
32.5	0.9447	0.9637	0.8643	0.8470	0.1817	0.9460	0.9223	0.8911
32.6	0.9427	0.9660	0.8496	0.8556	0.1797	0.9428	0.9241	0.9061
32.7	0.9455	0.9660	0.8574	0.8417	0.1640	0.9435	0.9309	0.8949
32.8	0.9386	0.9636	0.8458	0.8115	0.2344	0.9365	0.9310	0.8933
32.9	0.9152	0.9467	0.7948	0.7957	0.1377	0.9155	0.8895	0.8679
33.0	0.9074	0.9412	0.7599	0.7963	0.0799	0.8739	0.8604	0.8412
33.1	0.8523	0.9099	0.6389	0.6935	0.1404	0.8083	0.7854	0.7657
33.2	0.8960	0.9284	0.7045	0.7651	0.2091	0.8566	0.8356	0.8063
33.3	0.9196	0.9450	0.7479	0.7943	0.1743	0.8789	0.8659	0.8456
33.4	0.9268	0.9566	0.7816	0.8169	0.1712	0.9095	0.8824	0.8615
33.5	0.9176	0.9526	0.7723	0.8126	0.1686	0.9195	0.8651	0.8605
33.6	0.8998	0.9475	0.7519	0.8096	0.1798	0.9129	0.8210	0.7927
33.7	0.9105	0.9506	0.7877	0.8318	0.1290	0.9321	0.8371	0.7707

33.8	0.8900	0.9450	0.7778	0.8327	0.1367	0.9304	0.7861	0.7717
33.9	0.8663	0.9503	0.7509	0.8040	0.0800	0.9288	0.7236	0.7130
34.0	0.8612	0.9497	0.7588	0.8095	0.1059	0.9261	0.6986	0.6222
34.1	0.8856	0.9572	0.8019	0.8521	0.2068	0.9279	0.7428	0.6132
34.2	0.8650	0.9521	0.7838	0.8368	0.0692	0.9176	0.7153	0.5558
34.3	0.8874	0.9549	0.8338	0.8642	0.0672	0.9270	0.7880	0.6978
34.4	0.9145	0.9640	0.8752	0.8927	0.1874	0.9395	0.8460	0.6643
34.5	0.9075	0.9628	0.8694	0.8859	0.1456	0.9273	0.8369	0.6210
34.6	0.9238	0.9691	0.8924	0.9095	0.1974	0.9311	0.8707	0.6624
34.7	0.9439	0.9776	0.9183	0.9322	0.2835	0.9475	0.9038	0.7577
34.8	0.9363	0.9758	0.9122	0.9232	0.0983	0.9400	0.8921	0.7432
34.9	0.9552	0.9830	0.9367	0.9464	0.0496	0.9528	0.9264	0.7536
35.0	0.9577	0.9852	0.9416	0.9512	0.1698	0.9526	0.9301	0.7487
35.1	0.9648	0.9870	0.9512	0.9600	0.0962	0.9580	0.9410	0.8591
35.2	0.9736	0.9905	0.9628	0.9698	0.0512	0.9631	0.9594	0.9002
35.3	0.9747	0.9924	0.9646	0.9692	0.1229	0.9615	0.9601	0.9189
35.4	0.9760	0.9939	0.9663	0.9720	0.1233	0.9635	0.9610	0.9568
35.5	0.9793	0.9933	0.9709	0.9754	0.0837	0.9587	0.9646	0.9502
35.6	0.9752	0.9903	0.9674	0.9701	0.0718	0.9477	0.9588	0.9497
35.7	0.9841	0.9926	0.9754	0.9794	0.0863	0.9510	0.9749	0.9586
35.8	0.9865	0.9925	0.9791	0.9831	0.0901	0.9609	0.9784	0.9651
35.9	0.9883	0.9940	0.9824	0.9843	0.0739	0.9615	0.9804	0.9588
36.0	0.9907	0.9923	0.9834	0.9875	0.0963	0.9579	0.9829	0.9579
36.1	0.9934	0.9949	0.9881	0.9907	0.1378	0.9578	0.9888	0.9733
36.2	0.9935	0.9950	0.9892	0.9898	0.1746	0.9455	0.9895	0.9632
36.3	0.9920	0.9943	0.9891	0.9882	0.2853	0.9464	0.9873	0.9563
36.4	0.9942	0.9951	0.9926	0.9907	0.2436	0.9557	0.9917	0.9513
36.5	0.9952	0.9945	0.9945	0.9922	0.0505	0.9681	0.9935	0.9524
36.6	0.9960	0.9965	0.9950	0.9934	0.0926	0.9675	0.9942	0.9616
36.7	0.9943	0.9938	0.9948	0.9910	0.0897	0.9475	0.9918	0.9412
36.8	0.9935	0.9920	0.9941	0.9900	0.1739	0.9449	0.9902	0.9391
36.9	0.9937	0.9920	0.9930	0.9903	0.3162	0.9499	0.9910	0.9406
37.0	0.9944	0.9938	0.9939	0.9905	0.3161	0.9413	0.9925	0.9378
37.1	0.9946	0.9943	0.9957	0.9915	0.2043	0.9318	0.9927	0.9398
37.2	0.9942	0.9935	0.9955	0.9916	0.2766	0.9415	0.9923	0.9574
37.3	0.9916	0.9919	0.9951	0.9882	0.2016	0.9189	0.9889	0.9554
37.4	0.9958	0.9923	0.9968	0.9940	0.2681	0.9284	0.9941	0.9621
37.5	0.9957	0.9908	0.9964	0.9943	0.2870	0.9209	0.9946	0.9694
37.6	0.9953	0.9915	0.9961	0.9937	0.2760	0.8802	0.9943	0.9642
37.7	0.9940	0.9911	0.9964	0.9920	0.1446	0.8208	0.9926	0.9632
37.8	0.9959	0.9887	0.9969	0.9947	0.1717	0.8347	0.9946	0.9742
37.9	0.9941	0.9891	0.9974	0.9931	0.1755	0.7940	0.9933	0.9751
38.0	0.9946	0.9900	0.9974	0.9930	0.1679	0.8080	0.9930	0.9715
38.1	0.9933	0.9898	0.9962	0.9912	0.0370	0.8742	0.9909	0.9768
38.2	0.9946	0.9907	0.9959	0.9922	0.0866	0.8582	0.9919	0.9773
38.3	0.9932	0.9903	0.9965	0.9902	0.1859	0.8715	0.9911	0.9656
38.4	0.9924	0.9867	0.9953	0.9892	0.1626	0.8550	0.9899	0.9632
38.5	0.9922	0.9877	0.9955	0.9884	0.0600	0.8107	0.9896	0.9591
38.6	0.9927	0.9896	0.9946	0.9887	0.0901	0.8283	0.9891	0.9593
38.7	0.9951	0.9907	0.9959	0.9924	0.0330	0.8577	0.9921	0.9751
38.8	0.9934	0.9893	0.9951	0.9906	0.0122	0.8371	0.9906	0.9698
38.9	0.9898	0.9860	0.9935	0.9854	0.0039	0.8078	0.9865	0.9589
39.0	0.9917	0.9869	0.9963	0.9894	0.0287	0.7945	0.9902	0.9609
39.1	0.9920	0.9856	0.9950	0.9896	0.0055	0.7440	0.9917	0.9417
39.2	0.9917	0.9889	0.9948	0.9883	0.0193	0.7082	0.9898	0.9450
39.3	0.9923	0.9895	0.9943	0.9882	0.0072	0.6592	0.9895	0.9446
39.4	0.9927	0.9898	0.9938	0.9887	0.0460	0.6310	0.9901	0.9403
39.5	0.9910	0.9902	0.9927	0.9863	0.0205	0.5799	0.9880	0.9492
39.6	0.9902	0.9917	0.9931	0.9860	0.0273	0.6466	0.9871	0.9282
39.7	0.9895	0.9906	0.9938	0.9852	0.0493	0.5475	0.9877	0.9239
39.8	0.9829	0.9873	0.9873	0.9773	0.0246	0.6343	0.9815	0.9195
39.9	0.9842	0.9893	0.9859	0.9766	0.0062	0.6697	0.9796	0.8757
40.0	0.9872	0.9909	0.9905	0.9811	0.0191	0.7202	0.9830	0.8589
40.1	0.9870	0.9877	0.9913	0.9825	0.0100	0.7082	0.9839	0.7878
40.2	0.9921	0.9908	0.9930	0.9883	0.0656	0.8070	0.9883	0.8143
40.3	0.9885	0.9913	0.9900	0.9825	0.0840	0.7780	0.9837	0.8235
40.4	0.9801	0.9889	0.9853	0.9712	0.0817	0.8040	0.9754	0.7700
40.5	0.9826	0.9871	0.9867	0.9740	0.0432	0.8416	0.9798	0.6292
40.6	0.9817	0.9807	0.9856	0.9720	0.0719	0.8508	0.9771	0.6707
40.7	0.9771	0.9830	0.9809	0.9664	0.1403	0.8365	0.9717	0.6992
40.8	0.9774	0.9762	0.9807	0.9675	0.0137	0.7682	0.9696	0.7337
40.9	0.9810	0.9763	0.9864	0.9714	0.0079	0.7932	0.9725	0.7785
41.0	0.9824	0.9628	0.9859	0.9760	0.1004	0.7966	0.9768	0.7817
41.1	0.9815	0.9520	0.9872	0.9788	0.1824	0.7712	0.9793	0.7630
41.2	0.9655	0.9198	0.9810	0.9613	0.1196	0.7601	0.9699	0.7010
41.3	0.9657	0.8784	0.9808	0.9664	0.1168	0.8033	0.9725	0.5889
41.4	0.9718	0.8672	0.9827	0.9640	0.0271	0.8114	0.9658	0.5008
41.5	0.9688	0.7824	0.9830	0.9587	0.1073	0.8060	0.9626	0.4315
41.6	0.9648	0.8297	0.9835	0.9570	0.1807	0.8334	0.9627	0.0852
41.7	0.9720	0.7831	0.9857	0.9636	0.3269	0.8965	0.9717	0.6147
41.8	0.9725	0.5769	0.9837	0.9661	0.1718	0.8823	0.9699	0.7512
41.9	0.9691	0.5167	0.9873	0.9638	0.1318	0.8548	0.9599	0.6910
42.0	0.9692	0.7209	0.9866	0.9602	0.0418	0.8641	0.9636	0.6771
42.1	0.9707	0.7641	0.9846	0.9670	0.0365	0.8501	0.9666	0.6141
42.2	0.9764	0.7786	0.9850	0.9714	0.0798	0.8273	0.9539	0.5270
42.3	0.9702	0.7967	0.9834	0.9646	0.0270	0.8054	0.9452	0.4948

42.4	0.9681	0.7406	0.9853	0.9655	0.0660	0.8434	0.9535	0.6402
42.5	0.9589	0.7545	0.9850	0.9611	0.0959	0.8636	0.9627	0.7843
42.6	0.9435	0.8116	0.9801	0.9484	0.1987	0.8686	0.9517	0.7671
42.7	0.9628	0.8812	0.9845	0.9615	0.2168	0.8951	0.9608	0.7516
42.8	0.9569	0.8852	0.9840	0.9502	0.2823	0.9091	0.9543	0.6197
42.9	0.9530	0.9057	0.9847	0.9536	0.2136	0.9296	0.9472	0.7552
43.0	0.9673	0.9399	0.9874	0.9682	0.3396	0.9555	0.9597	0.7991
43.1	0.9629	0.9357	0.9851	0.9651	0.3438	0.9582	0.9520	0.7698
43.2	0.9537	0.9065	0.9833	0.9597	0.2644	0.9364	0.9387	0.6337
43.3	0.9384	0.8817	0.9871	0.9392	0.3235	0.9337	0.9334	0.6418
43.4	0.9322	0.8583	0.9847	0.9197	0.2539	0.9562	0.9219	0.7488
43.5	0.9191	0.8430	0.9736	0.9173	0.1471	0.9523	0.9224	0.7867
43.6	0.9271	0.8415	0.9753	0.9254	0.1869	0.9405	0.9143	0.7985
43.7	0.9118	0.8649	0.9732	0.9176	0.2648	0.9321	0.9019	0.7934
43.8	0.9126	0.8392	0.9738	0.9181	0.4378	0.9669	0.9354	0.8764
43.9	0.8709	0.7458	0.9637	0.8664	0.3531	0.9631	0.9044	0.8429
44.0	0.8548	0.6860	0.9653	0.8531	0.2188	0.9566	0.9072	0.8336
44.1	0.8371	0.7150	0.9547	0.8252	0.1875	0.9465	0.8910	0.8449
44.2	0.8332	0.6352	0.9506	0.7977	0.1782	0.9582	0.8742	0.8528
44.3	0.7326	0.5849	0.9343	0.7635	0.0972	0.9528	0.8628	0.8675
44.4	0.6161	0.7751	0.9316	0.5939	0.0488	0.8871	0.7236	0.7910
44.5	0.5660	0.7454	0.9241	0.3927	0.1217	0.8245	0.6149	0.7256
44.6	0.7144	0.8483	0.9428	0.3389	0.1098	0.9182	0.7013	0.7767
44.7	0.7845	0.8284	0.9603	0.3006	0.1355	0.9652	0.7906	0.8694
44.8	0.8112	0.6899	0.9482	0.1614	0.1843	0.9656	0.6963	0.7951
44.9	0.8260	0.6605	0.9570	0.0475	0.3168	0.9709	0.6929	0.8440
45.0	0.7684	0.6828	0.9455	0.0543	0.3706	0.9622	0.6090	0.8332
45.1	0.7758	0.8168	0.9461	0.0403	0.3364	0.9635	0.5977	0.8700
45.2	0.7953	0.8356	0.9486	0.0729	0.2928	0.9632	0.6227	0.8900
45.3	0.8086	0.7445	0.9434	0.1531	0.2243	0.9419	0.5439	0.8704
45.4	0.8044	0.6578	0.9409	0.2713	0.1125	0.9368	0.4480	0.8317
45.5	0.8376	0.6004	0.9517	0.4227	0.0760	0.9275	0.5737	0.8182
45.6	0.8842	0.5423	0.9601	0.5614	0.1608	0.9444	0.7329	0.8852
45.7	0.8970	0.6806	0.9672	0.6114	0.1945	0.9700	0.7650	0.8950
45.8	0.9088	0.7135	0.9726	0.6785	0.3459	0.9685	0.8216	0.8864
45.9	0.9201	0.7706	0.9742	0.6991	0.4348	0.9680	0.7936	0.8898
46.0	0.9281	0.8909	0.9768	0.7279	0.2278	0.9755	0.8278	0.9316
46.1	0.9251	0.8810	0.9757	0.7292	0.1939	0.9724	0.8078	0.9300
46.2	0.9414	0.9153	0.9803	0.7940	0.2715	0.9806	0.8673	0.9513
46.3	0.9326	0.9272	0.9798	0.7967	0.3194	0.9819	0.8851	0.9541
46.4	0.9511	0.9474	0.9871	0.8597	0.1619	0.9759	0.9168	0.9452
46.5	0.9628	0.9561	0.9904	0.8923	0.1343	0.9824	0.9393	0.9547
46.6	0.9676	0.9630	0.9917	0.8987	0.2031	0.9834	0.9419	0.9675
46.7	0.9522	0.9541	0.9872	0.8564	0.3489	0.9635	0.9160	0.9597
46.8	0.9375	0.9410	0.9826	0.8343	0.1384	0.9697	0.9080	0.9509
46.9	0.9660	0.9488	0.9901	0.9077	0.2256	0.9822	0.9446	0.9558
47.0	0.9723	0.9528	0.9943	0.9257	0.2525	0.9852	0.9503	0.9627
47.1	0.9682	0.9652	0.9942	0.9244	0.1867	0.9813	0.9618	0.9766
47.2	0.9697	0.9718	0.9926	0.9301	0.2409	0.9864	0.9634	0.9690
47.3	0.9712	0.9748	0.9934	0.9313	0.3607	0.9865	0.9614	0.9695
47.4	0.9766	0.9788	0.9954	0.9446	0.2817	0.9867	0.9665	0.9658
47.5	0.9789	0.9780	0.9953	0.9514	0.1956	0.9885	0.9659	0.9644
47.6	0.9751	0.9687	0.9942	0.9395	0.0879	0.9805	0.9414	0.9371
47.7	0.9763	0.9723	0.9960	0.9419	0.1529	0.9705	0.9502	0.9396
47.8	0.9766	0.9779	0.9958	0.9542	0.3155	0.9682	0.9648	0.9498
47.9	0.9767	0.9855	0.9954	0.9510	0.3093	0.9828	0.9634	0.9627
48.0	0.9749	0.9851	0.9957	0.9435	0.2255	0.9830	0.9605	0.9619
48.1	0.9764	0.9877	0.9954	0.9476	0.1522	0.9479	0.9584	0.9665
48.2	0.9744	0.9871	0.9969	0.9629	0.0838	0.9555	0.9716	0.9558
48.3	0.9734	0.9888	0.9965	0.9616	0.1371	0.9655	0.9713	0.9534
48.4	0.9671	0.9882	0.9961	0.9509	0.1618	0.9501	0.9632	0.9323
48.5	0.9652	0.9866	0.9946	0.9437	0.1464	0.9761	0.9554	0.9431
48.6	0.9705	0.9900	0.9956	0.9569	0.1303	0.9879	0.9692	0.9736
48.7	0.9806	0.9907	0.9973	0.9715	0.1172	0.9880	0.9782	0.9701
48.8	0.9828	0.9906	0.9973	0.9754	0.1485	0.9889	0.9787	0.9637
48.9	0.9803	0.9907	0.9974	0.9701	0.1317	0.9891	0.9784	0.9704
49.0	0.9796	0.9926	0.9974	0.9697	0.1044	0.9887	0.9788	0.9751
49.1	0.9748	0.9902	0.9971	0.9635	0.2569	0.9879	0.9750	0.9753
49.2	0.9785	0.9904	0.9977	0.9702	0.2674	0.9910	0.9776	0.9791
49.3	0.9763	0.9928	0.9977	0.9684	0.2990	0.9902	0.9764	0.9749
49.4	0.9673	0.9928	0.9971	0.9609	0.2554	0.9872	0.9763	0.9831
49.5	0.9602	0.9891	0.9965	0.9530	0.1087	0.9691	0.9788	0.9876
49.6	0.9543	0.9884	0.9963	0.9568	0.1258	0.9329	0.9781	0.9768
49.7	0.9540	0.9879	0.9977	0.9618	0.1365	0.9504	0.9761	0.9702
49.8	0.9480	0.9903	0.9978	0.9483	0.0606	0.9707	0.9707	0.9773
49.9	0.9613	0.9915	0.9972	0.9474	0.0831	0.9780	0.9754	0.9827
50.0	0.9721	0.9929	0.9976	0.9572	0.1896	0.9881	0.9808	0.9777
50.1	0.9605	0.9926	0.9971	0.9436	0.1414	0.9890	0.9743	0.9705
50.2	0.9703	0.9933	0.9972	0.9542	0.0680	0.9887	0.9806	0.9835
50.3	0.9571	0.9912	0.9972	0.9404	0.0088	0.9864	0.9745	0.9806
50.4	0.9480	0.9901	0.9971	0.9312	0.0993	0.9849	0.9714	0.9752
50.5	0.9319	0.9879	0.9969	0.9157	0.1646	0.9804	0.9697	0.9801
50.6	0.9278	0.9852	0.9964	0.9075	0.1714	0.9831	0.9657	0.9710
50.7	0.9465	0.9904	0.9971	0.8959	0.1165	0.9827	0.9721	0.9805
50.8	0.8988	0.9848	0.9959	0.8536	0.0484	0.9574	0.9546	0.9465
50.9	0.9210	0.9887	0.9976	0.9145	0.1891	0.9759	0.9642	0.9644

51.0	0.9235	0.9870	0.9974	0.9031	0.2507	0.9810	0.9686	0.9764
51.1	0.9055	0.9902	0.9972	0.9093	0.2086	0.9876	0.9776	0.9844
51.2	0.9091	0.9891	0.9958	0.8751	0.1441	0.9828	0.9764	0.9815
51.3	0.8946	0.9864	0.9954	0.8379	0.0950	0.9763	0.9687	0.9839
51.4	0.8721	0.9836	0.9948	0.8518	0.1134	0.9703	0.9613	0.9702
51.5	0.7969	0.9692	0.9952	0.7663	0.2113	0.9778	0.9444	0.9500
51.6	0.8062	0.9770	0.9960	0.7620	0.3324	0.9854	0.9554	0.9623
51.7	0.7849	0.9679	0.9959	0.7143	0.2832	0.9829	0.9494	0.9520
51.8	0.7486	0.9710	0.9953	0.5871	0.0858	0.9833	0.9330	0.9566
51.9	0.7748	0.9833	0.9957	0.5749	0.1056	0.9855	0.9461	0.9497
52.0	0.8188	0.9786	0.9963	0.7069	0.1040	0.9864	0.9610	0.9362
52.1	0.7802	0.9662	0.9935	0.5399	0.1472	0.9860	0.9413	0.9231
52.2	0.8441	0.9643	0.9942	0.6030	0.3161	0.9851	0.9501	0.9094
52.3	0.8466	0.9754	0.9925	0.5629	0.3049	0.9858	0.9435	0.9077
52.4	0.8374	0.9698	0.9918	0.4894	0.1700	0.9850	0.9280	0.8971
52.5	0.8381	0.9634	0.9932	0.5461	0.1131	0.9817	0.9389	0.8963
52.6	0.8569	0.9608	0.9895	0.5420	0.1017	0.9788	0.9263	0.9362
52.7	0.8748	0.9653	0.9888	0.5351	0.2637	0.9841	0.9202	0.9518
52.8	0.8254	0.9641	0.9872	0.5540	0.3628	0.9836	0.9146	0.9233
52.9	0.7870	0.9565	0.9888	0.4772	0.4297	0.9678	0.9268	0.9368
53.0	0.7778	0.9627	0.9871	0.4294	0.3529	0.9699	0.9165	0.9155
53.1	0.8398	0.9605	0.9895	0.6233	0.3030	0.9782	0.9285	0.8974
53.2	0.8845	0.9354	0.9895	0.6701	0.3463	0.9835	0.9313	0.9131
53.3	0.8813	0.9446	0.9896	0.6907	0.2107	0.9790	0.9400	0.9083
53.4	0.8841	0.9342	0.9893	0.7235	0.1466	0.9834	0.9411	0.8838
53.5	0.8603	0.9399	0.9838	0.6276	0.2023	0.9724	0.9219	0.8538
53.6	0.8503	0.9456	0.9825	0.6547	0.2353	0.9636	0.9034	0.8435
53.7	0.8388	0.9379	0.9813	0.6812	0.3056	0.9601	0.8673	0.8319
53.8	0.9070	0.9507	0.9852	0.7926	0.4500	0.9745	0.9000	0.8900
53.9	0.9038	0.9308	0.9860	0.8213	0.3119	0.9747	0.9130	0.8743
54.0	0.8944	0.9160	0.9846	0.7843	0.2681	0.9745	0.9172	0.8428
54.1	0.9062	0.9337	0.9861	0.7707	0.3600	0.9734	0.9471	0.8872
54.2	0.9100	0.9378	0.9874	0.8058	0.4363	0.9732	0.9476	0.8964
54.3	0.9136	0.9302	0.9883	0.8278	0.5719	0.9723	0.9538	0.8944
54.4	0.9250	0.9393	0.9900	0.8491	0.6482	0.9795	0.9646	0.9128
54.5	0.9323	0.9397	0.9886	0.8624	0.3921	0.9776	0.9665	0.9070
54.6	0.9229	0.9287	0.9861	0.8486	0.2014	0.9707	0.9610	0.8925
54.7	0.9299	0.9350	0.9890	0.8509	0.3111	0.9747	0.9687	0.9083
54.8	0.9274	0.9131	0.9886	0.8638	0.3372	0.9656	0.9711	0.8829
54.9	0.9456	0.9215	0.9917	0.9049	0.3507	0.9793	0.9794	0.9087
55.0	0.9398	0.9116	0.9907	0.9067	0.3708	0.9782	0.9784	0.8987
55.1	0.9260	0.8941	0.9878	0.8862	0.3368	0.9682	0.9711	0.8941
55.2	0.9180	0.8837	0.9868	0.8799	0.2896	0.9641	0.9637	0.8881
55.3	0.9394	0.8609	0.9911	0.9183	0.1953	0.9699	0.9766	0.8924
55.4	0.9494	0.8665	0.9924	0.9392	0.0835	0.9681	0.9811	0.9095
55.5	0.9325	0.8313	0.9892	0.9129	0.0771	0.9532	0.9736	0.8827
55.6	0.9249	0.7282	0.9893	0.9085	0.1716	0.9534	0.9704	0.8513
55.7	0.9519	0.7166	0.9936	0.9466	0.2323	0.9655	0.9822	0.8777
55.8	0.9500	0.6539	0.9929	0.9462	0.1804	0.9525	0.9831	0.8538
55.9	0.9535	0.4583	0.9918	0.9512	0.1967	0.9531	0.9833	0.8087
56.0	0.9427	0.5280	0.9912	0.9456	0.1364	0.9396	0.9821	0.8152
56.1	0.9426	0.4164	0.9931	0.9499	0.1899	0.9439	0.9831	0.7290
56.2	0.9610	0.3031	0.9940	0.9699	0.1204	0.9621	0.9893	0.7616
56.3	0.9703	0.2801	0.9951	0.9761	0.0900	0.9625	0.9922	0.7916
56.4	0.9687	0.2329	0.9955	0.9761	0.0200	0.9627	0.9920	0.7404
56.5	0.9720	0.3025	0.9953	0.9775	0.0493	0.9700	0.9936	0.6666
56.6	0.9691	0.4567	0.9946	0.9793	0.0766	0.9580	0.9928	0.6655
56.7	0.9649	0.5027	0.9949	0.9784	0.0757	0.9599	0.9932	0.6236
56.8	0.9631	0.5544	0.9946	0.9796	0.0163	0.9476	0.9936	0.5810
56.9	0.9642	0.5437	0.9949	0.9781	0.0080	0.9545	0.9925	0.5763
57.0	0.9619	0.6017	0.9956	0.9751	0.0466	0.9642	0.9924	0.5793
57.1	0.9592	0.6960	0.9962	0.9783	0.0190	0.9555	0.9937	0.6458
57.2	0.9662	0.7396	0.9961	0.9856	0.0438	0.9584	0.9944	0.4477
57.3	0.9667	0.6920	0.9954	0.9856	0.0132	0.9566	0.9943	0.4888
57.4	0.9637	0.6323	0.9946	0.9836	0.0114	0.9567	0.9938	0.6248
57.5	0.9699	0.6264	0.9936	0.9852	0.0237	0.9625	0.9931	0.6622
57.6	0.9605	0.6069	0.9938	0.9840	0.0461	0.9610	0.9941	0.6700
57.7	0.9551	0.5656	0.9912	0.9844	0.0125	0.9528	0.9926	0.6228
57.8	0.9716	0.3844	0.9936	0.9881	0.0061	0.9552	0.9926	0.6980
57.9	0.9797	0.5335	0.9944	0.9913	0.0035	0.9679	0.9937	0.7853
58.0	0.9814	0.2168	0.9945	0.9917	0.0009	0.9779	0.9936	0.8046
58.1	0.9841	0.1399	0.9952	0.9921	0.0205	0.9791	0.9939	0.8185
58.2	0.9724	0.3741	0.9920	0.9916	0.0398	0.9724	0.9928	0.8618
58.3	0.9632	0.5283	0.9902	0.9893	0.0316	0.9577	0.9888	0.7295
58.4	0.9686	0.6222	0.9925	0.9893	0.0463	0.9626	0.9895	0.7608
58.5	0.9753	0.7263	0.9933	0.9912	0.0180	0.9646	0.9903	0.7937
58.6	0.9677	0.8147	0.9931	0.9924	0.0702	0.9580	0.9915	0.7950
58.7	0.9620	0.8277	0.9913	0.9918	0.0435	0.9683	0.9915	0.7972
58.8	0.9723	0.8598	0.9931	0.9950	0.0487	0.9710	0.9914	0.8486
58.9	0.9638	0.8671	0.9917	0.9955	0.1096	0.9595	0.9904	0.8352
59.0	0.9295	0.7580	0.9881	0.9945	0.1376	0.9372	0.9874	0.7946
59.1	0.9244	0.7417	0.9862	0.9924	0.0603	0.9295	0.9857	0.7231
59.2	0.9498	0.8622	0.9899	0.9926	0.0531	0.9497	0.9887	0.7294
59.3	0.9583	0.8526	0.9906	0.9940	0.0387	0.9511	0.9899	0.7641
59.4	0.9622	0.8788	0.9905	0.9956	0.0465	0.9556	0.9872	0.7339
59.5	0.9580	0.8782	0.9903	0.9965	0.0831	0.9527	0.9878	0.7056

59.6	0.9585	0.8480	0.9887	0.9946	0.1224	0.9451	0.9871	0.6014
59.7	0.9661	0.8930	0.9912	0.9955	0.0797	0.9655	0.9877	0.6908
59.8	0.9386	0.8975	0.9862	0.9946	0.0285	0.9578	0.9854	0.5774
59.9	0.9317	0.9270	0.9872	0.9943	0.0874	0.9460	0.9829	0.4378
60.0	0.9561	0.9288	0.9898	0.9956	0.0233	0.9625	0.9848	0.2714
60.1	0.9489	0.8839	0.9853	0.9955	0.0075	0.9655	0.9806	0.4444
60.2	0.9419	0.8772	0.9848	0.9947	0.0390	0.9570	0.9738	0.4274
60.3	0.9356	0.8998	0.9883	0.9950	0.0155	0.9633	0.9678	0.3982
60.4	0.9319	0.9247	0.9887	0.9953	0.0281	0.9626	0.9785	0.4033
60.5	0.9437	0.9398	0.9877	0.9954	0.0411	0.9603	0.9755	0.4165
60.6	0.9490	0.9528	0.9859	0.9953	0.0660	0.9704	0.9750	0.5216
60.7	0.9576	0.9749	0.9885	0.9960	0.0613	0.9775	0.9770	0.5077
60.8	0.9565	0.9772	0.9893	0.9968	0.0520	0.9720	0.9764	0.4787
60.9	0.9358	0.9698	0.9866	0.9964	0.1089	0.9654	0.9651	0.3827
61.0	0.9315	0.9689	0.9898	0.9957	0.0566	0.9667	0.9526	0.3457
61.1	0.9273	0.9714	0.9851	0.9960	0.0723	0.9698	0.9551	0.3894
61.2	0.9142	0.9741	0.9823	0.9961	0.2331	0.9664	0.9623	0.4151
61.3	0.9355	0.9763	0.9859	0.9958	0.2011	0.9724	0.9617	0.4201
61.4	0.9502	0.9852	0.9885	0.9964	0.0956	0.9761	0.9717	0.5011
61.5	0.9145	0.9837	0.9849	0.9967	0.0694	0.9681	0.9653	0.5054
61.6	0.8939	0.9846	0.9869	0.9964	0.0767	0.9694	0.9678	0.4243
61.7	0.8915	0.9845	0.9880	0.9944	0.0608	0.9707	0.9635	0.4463
61.8	0.8924	0.9864	0.9907	0.9955	0.0336	0.9725	0.9710	0.4878
61.9	0.9021	0.9910	0.9895	0.9965	0.0537	0.9679	0.9740	0.4905
62.0	0.8749	0.9874	0.9851	0.9956	0.0506	0.9570	0.9609	0.4037
62.1	0.8900	0.9871	0.9871	0.9958	0.0884	0.9718	0.9715	0.4925
62.2	0.8699	0.9885	0.9887	0.9954	0.0798	0.9760	0.9762	0.6123
62.3	0.8294	0.9914	0.9885	0.9942	0.0863	0.9752	0.9696	0.6458
62.4	0.8361	0.9900	0.9803	0.9931	0.0528	0.9738	0.9624	0.4867
62.5	0.8928	0.9949	0.9842	0.9958	0.0899	0.9838	0.9744	0.6083
62.6	0.8586	0.9916	0.9781	0.9937	0.1074	0.9786	0.9690	0.6130
62.7	0.8591	0.9924	0.9818	0.9928	0.2120	0.9839	0.9767	0.5622
62.8	0.8557	0.9905	0.9797	0.9920	0.1950	0.9819	0.9751	0.5546
62.9	0.9031	0.9931	0.9803	0.9940	0.2317	0.9809	0.9774	0.7212
63.0	0.8946	0.9913	0.9799	0.9929	0.2430	0.9819	0.9767	0.6300
63.1	0.8565	0.9861	0.9703	0.9898	0.2328	0.9736	0.9739	0.5582
63.2	0.8965	0.9909	0.9816	0.9920	0.2323	0.9756	0.9811	0.7045
63.3	0.9281	0.9937	0.9846	0.9936	0.2130	0.9833	0.9823	0.6912
63.4	0.9372	0.9934	0.9784	0.9939	0.1832	0.9809	0.9754	0.6185
63.5	0.9374	0.9929	0.9808	0.9938	0.1664	0.9803	0.9779	0.6538
63.6	0.9150	0.9912	0.9769	0.9907	0.1541	0.9820	0.9789	0.6577
63.7	0.9124	0.9915	0.9763	0.9911	0.1214	0.9801	0.9792	0.6690
63.8	0.9439	0.9930	0.9778	0.9924	0.1591	0.9837	0.9807	0.6600
63.9	0.9504	0.9927	0.9741	0.9924	0.1783	0.9832	0.9858	0.6534
64.0	0.9580	0.9930	0.9795	0.9935	0.2862	0.9865	0.9881	0.7471
64.1	0.9566	0.9938	0.9758	0.9933	0.4025	0.9842	0.9857	0.7766
64.2	0.9477	0.9901	0.9618	0.9908	0.3965	0.9796	0.9817	0.7434
64.3	0.9651	0.9944	0.9795	0.9939	0.4046	0.9864	0.9860	0.8100
64.4	0.9676	0.9947	0.9835	0.9947	0.3107	0.9846	0.9865	0.8335
64.5	0.9478	0.9903	0.9709	0.9920	0.2668	0.9790	0.9822	0.8106
64.6	0.9601	0.9926	0.9770	0.9933	0.3224	0.9846	0.9843	0.8392
64.7	0.9623	0.9923	0.9756	0.9927	0.3055	0.9852	0.9846	0.8324
64.8	0.9576	0.9908	0.9710	0.9908	0.2209	0.9844	0.9844	0.8420
64.9	0.9587	0.9904	0.9734	0.9917	0.2852	0.9854	0.9828	0.7924
65.0	0.9587	0.9917	0.9698	0.9934	0.4035	0.9878	0.9836	0.8242
65.1	0.9652	0.9925	0.9762	0.9933	0.4621	0.9881	0.9889	0.8910
65.2	0.9450	0.9850	0.9602	0.9870	0.2927	0.9789	0.9825	0.8559
65.3	0.9332	0.9853	0.9562	0.9863	0.3591	0.9803	0.9832	0.8484
65.4	0.9373	0.9864	0.9527	0.9890	0.4748	0.9811	0.9828	0.8649
65.5	0.9326	0.9870	0.9456	0.9887	0.2641	0.9782	0.9804	0.8612
65.6	0.9330	0.9859	0.9482	0.9883	0.0863	0.9823	0.9861	0.8482
65.7	0.9359	0.9851	0.9476	0.9875	0.0851	0.9800	0.9869	0.8565
65.8	0.9435	0.9869	0.9505	0.9889	0.1613	0.9814	0.9889	0.8783
65.9	0.9579	0.9899	0.9613	0.9915	0.2415	0.9843	0.9888	0.8942
66.0	0.9538	0.9922	0.9741	0.9934	0.2935	0.9877	0.9896	0.8935
66.1	0.9478	0.9891	0.9654	0.9911	0.2061	0.9876	0.9914	0.8837
66.2	0.9301	0.9880	0.9546	0.9891	0.2940	0.9843	0.9899	0.8699
66.3	0.9331	0.9880	0.9557	0.9879	0.4501	0.9872	0.9899	0.8517
66.4	0.9439	0.9867	0.9508	0.9902	0.3929	0.9850	0.9921	0.8798
66.5	0.9511	0.9868	0.9572	0.9900	0.3247	0.9864	0.9907	0.8965
66.6	0.9630	0.9860	0.9487	0.9890	0.3049	0.9829	0.9899	0.8703
66.7	0.9692	0.9858	0.9437	0.9902	0.3534	0.9844	0.9892	0.8907
66.8	0.9737	0.9895	0.9541	0.9921	0.4314	0.9884	0.9888	0.8789
66.9	0.9719	0.9873	0.9442	0.9882	0.4838	0.9880	0.9875	0.8756
67.0	0.9753	0.9904	0.9564	0.9922	0.4342	0.9889	0.9918	0.8777
67.1	0.9784	0.9906	0.9573	0.9923	0.4509	0.9886	0.9900	0.8801
67.2	0.9836	0.9893	0.9542	0.9905	0.6200	0.9857	0.9873	0.8776
67.3	0.9842	0.9909	0.9490	0.9922	0.6132	0.9866	0.9870	0.8818
67.4	0.9796	0.9916	0.9361	0.9923	0.5934	0.9831	0.9892	0.8464
67.5	0.9770	0.9849	0.9127	0.9904	0.4251	0.9766	0.9817	0.8193
67.6	0.9822	0.9915	0.9266	0.9946	0.5999	0.9844	0.9870	0.8412
67.7	0.9833	0.9918	0.9344	0.9955	0.6212	0.9842	0.9900	0.8453
67.8	0.9841	0.9902	0.9031	0.9932	0.5749	0.9820	0.9872	0.8411
67.9	0.9850	0.9885	0.9086	0.9910	0.5385	0.9827	0.9814	0.8435
68.0	0.9817	0.9855	0.9064	0.9886	0.5286	0.9843	0.9774	0.7951
68.1	0.9738	0.9789	0.8444	0.9872	0.4009	0.9765	0.9783	0.7879

68.2	0.9758	0.9802	0.7940	0.9890	0.5037	0.9750	0.9811	0.7916
68.3	0.9804	0.9785	0.7789	0.9890	0.5695	0.9768	0.9853	0.8243
68.4	0.9723	0.9738	0.7024	0.9855	0.5298	0.9724	0.9805	0.7142
68.5	0.9840	0.9833	0.7917	0.9908	0.6513	0.9784	0.9859	0.7755
68.6	0.9839	0.9841	0.7863	0.9903	0.6573	0.9783	0.9870	0.7396
68.7	0.9824	0.9764	0.6115	0.9877	0.6063	0.9756	0.9825	0.7374
68.8	0.9760	0.9653	0.4435	0.9822	0.5045	0.9730	0.9736	0.7251
68.9	0.9778	0.9701	0.5321	0.9855	0.5484	0.9786	0.9720	0.7087
69.0	0.9817	0.9762	0.5930	0.9866	0.5851	0.9804	0.9676	0.6592
69.1	0.9786	0.9738	0.4689	0.9867	0.6369	0.9721	0.9728	0.6527
69.2	0.9788	0.9691	0.4518	0.9867	0.5203	0.9696	0.9750	0.7114
69.3	0.9846	0.9733	0.4088	0.9854	0.5208	0.9774	0.9701	0.7154
69.4	0.9824	0.9685	0.2163	0.9835	0.4284	0.9830	0.9697	0.7300
69.5	0.9830	0.9736	0.1605	0.9844	0.4569	0.9839	0.9748	0.7614
69.6	0.9835	0.9774	0.1714	0.9848	0.5242	0.9862	0.9701	0.7547
69.7	0.9796	0.9753	0.1465	0.9816	0.5654	0.9804	0.9609	0.6508
69.8	0.9715	0.9775	0.0717	0.9855	0.5865	0.9771	0.9684	0.6095
69.9	0.9718	0.9733	0.0086	0.9830	0.4812	0.9806	0.9653	0.5539
70.0	0.9843	0.9850	0.0371	0.9886	0.5200	0.9871	0.9756	0.5839
70.1	0.9834	0.9875	0.0526	0.9880	0.5233	0.9873	0.9765	0.5942
70.2	0.9856	0.9838	0.1443	0.9880	0.4504	0.9879	0.9758	0.6037
70.3	0.9828	0.9766	0.1284	0.9817	0.4264	0.9835	0.9687	0.5792
70.4	0.9801	0.9707	0.1590	0.9783	0.5281	0.9800	0.9675	0.6149
70.5	0.9803	0.9778	0.4067	0.9818	0.4358	0.9837	0.9691	0.7179
70.6	0.9842	0.9819	0.4382	0.9834	0.4946	0.9833	0.9693	0.8169
70.7	0.9861	0.9822	0.5211	0.9864	0.4652	0.9847	0.9709	0.8237
70.8	0.9848	0.9794	0.4879	0.9838	0.4822	0.9850	0.9697	0.8123
70.9	0.9839	0.9804	0.5887	0.9843	0.6238	0.9846	0.9748	0.7534
71.0	0.9834	0.9752	0.4858	0.9816	0.5919	0.9846	0.9694	0.7307
71.1	0.9836	0.9715	0.6170	0.9760	0.5663	0.9821	0.9594	0.6967
71.2	0.9804	0.9718	0.6141	0.9737	0.6537	0.9815	0.9559	0.6715
71.3	0.9778	0.9724	0.6026	0.9747	0.6026	0.9819	0.9596	0.5915
71.4	0.9840	0.9806	0.7337	0.9822	0.6340	0.9872	0.9682	0.4294
71.5	0.9821	0.9761	0.6563	0.9782	0.7290	0.9859	0.9629	0.3405
71.6	0.9819	0.9724	0.7479	0.9764	0.6751	0.9830	0.9606	0.3545
71.7	0.9850	0.9777	0.7724	0.9828	0.6906	0.9831	0.9732	0.4743
71.8	0.9727	0.9734	0.7325	0.9766	0.7494	0.9813	0.9592	0.5740
71.9	0.9748	0.9752	0.7338	0.9783	0.7414	0.9835	0.9616	0.6509
72.0	0.9849	0.9846	0.8397	0.9865	0.7236	0.9888	0.9753	0.6821
72.1	0.9872	0.9906	0.9059	0.9919	0.7173	0.9921	0.9852	0.8064
72.2	0.9819	0.9855	0.8843	0.9891	0.6815	0.9903	0.9775	0.8275
72.3	0.9724	0.9774	0.8592	0.9823	0.6968	0.9846	0.9639	0.8036
72.4	0.9766	0.9768	0.8736	0.9838	0.6656	0.9851	0.9681	0.7685
72.5	0.9656	0.9757	0.8376	0.9826	0.6456	0.9852	0.9625	0.7767
72.6	0.9586	0.9728	0.8309	0.9794	0.4593	0.9835	0.9551	0.8201
72.7	0.9634	0.9717	0.8642	0.9788	0.4371	0.9832	0.9534	0.8292
72.8	0.9695	0.9806	0.8159	0.9854	0.4470	0.9847	0.9724	0.8674
72.9	0.9727	0.9813	0.8353	0.9886	0.5181	0.9882	0.9726	0.8831
73.0	0.9785	0.9831	0.8734	0.9906	0.6136	0.9892	0.9724	0.9063
73.1	0.9793	0.9798	0.8896	0.9888	0.6205	0.9876	0.9660	0.9104
73.2	0.9727	0.9691	0.8312	0.9840	0.4486	0.9841	0.9537	0.8755
73.3	0.9694	0.9773	0.8200	0.9862	0.3975	0.9845	0.9637	0.8678
73.4	0.9750	0.9776	0.8497	0.9871	0.5543	0.9870	0.9690	0.8898
73.5	0.9782	0.9784	0.8579	0.9895	0.6348	0.9871	0.9663	0.8996
73.6	0.9767	0.9719	0.8666	0.9902	0.6526	0.9878	0.9538	0.9106
73.7	0.9744	0.9607	0.8287	0.9861	0.5521	0.9848	0.9514	0.8850
73.8	0.9732	0.9600	0.8209	0.9822	0.5233	0.9804	0.9506	0.8788
73.9	0.9749	0.9751	0.8273	0.9876	0.6815	0.9867	0.9628	0.9155
74.0	0.9766	0.9733	0.8288	0.9878	0.5910	0.9866	0.9541	0.9181
74.1	0.9790	0.9744	0.8290	0.9879	0.5526	0.9842	0.9475	0.9281
74.2	0.9789	0.9731	0.8148	0.9883	0.5505	0.9829	0.9574	0.9394
74.3	0.9795	0.9693	0.8415	0.9898	0.6002	0.9862	0.9444	0.9362
74.4	0.9782	0.9622	0.8268	0.9893	0.6000	0.9865	0.9441	0.9390
74.5	0.9762	0.9572	0.8193	0.9879	0.5031	0.9839	0.9411	0.9215
74.6	0.9741	0.9534	0.8195	0.9848	0.4714	0.9790	0.9364	0.9180
74.7	0.9684	0.9489	0.7765	0.9835	0.3885	0.9750	0.9284	0.9116
74.8	0.9723	0.9606	0.8075	0.9841	0.4365	0.9762	0.9375	0.9424
74.9	0.9728	0.9476	0.7747	0.9822	0.3632	0.9739	0.9171	0.9517
75.0	0.9769	0.9405	0.7943	0.9835	0.3146	0.9794	0.9063	0.9492
75.1	0.9758	0.9569	0.8351	0.9846	0.3200	0.9818	0.9122	0.9575
75.2	0.9689	0.9408	0.8110	0.9818	0.3696	0.9789	0.8923	0.9471
75.3	0.9693	0.9297	0.8049	0.9802	0.3763	0.9787	0.8800	0.9484
75.4	0.9670	0.9393	0.7974	0.9789	0.3656	0.9785	0.8828	0.9413
75.5	0.9619	0.9116	0.8072	0.9732	0.3251	0.9739	0.8532	0.9374
75.6	0.9637	0.9003	0.8148	0.9718	0.3391	0.9639	0.8582	0.9491
75.7	0.9531	0.8612	0.8107	0.9670	0.4792	0.9626	0.8314	0.9560
75.8	0.9550	0.8310	0.8226	0.9674	0.4112	0.9568	0.8060	0.9379
75.9	0.9663	0.8555	0.8837	0.9732	0.3848	0.9656	0.7899	0.9379
76.0	0.9556	0.8295	0.8526	0.9711	0.4123	0.9641	0.7896	0.9231
76.1	0.9619	0.8340	0.8385	0.9749	0.3140	0.9654	0.7938	0.9157
76.2	0.9561	0.8155	0.8512	0.9743	0.4305	0.9609	0.7694	0.9365
76.3	0.9664	0.8331	0.9102	0.9842	0.4994	0.9771	0.8299	0.9604
76.4	0.9510	0.7706	0.8739	0.9768	0.3573	0.9659	0.7904	0.9540
76.5	0.9372	0.6390	0.8600	0.9721	0.3036	0.9557	0.7723	0.9379
76.6	0.9506	0.6297	0.9104	0.9746	0.3598	0.9549	0.8175	0.9469
76.7	0.9614	0.6376	0.9213	0.9746	0.2354	0.9588	0.7919	0.9502

76.8	0.9668	0.6511	0.9305	0.9831	0.2848	0.9731	0.8457	0.9546
76.9	0.9443	0.3954	0.9191	0.9786	0.2249	0.9664	0.8239	0.9394
77.0	0.9302	0.1389	0.8840	0.9619	0.1308	0.9550	0.6606	0.9174
77.1	0.9504	0.1742	0.9169	0.9701	0.2160	0.9660	0.7115	0.9478
77.2	0.9366	0.2495	0.9309	0.9678	0.2561	0.9551	0.7182	0.9342
77.3	0.9322	0.4171	0.9321	0.9718	0.1424	0.9431	0.6744	0.9251
77.4	0.9335	0.4881	0.9316	0.9708	0.0868	0.9398	0.7201	0.9392
77.5	0.9377	0.5469	0.9229	0.9678	0.1268	0.9352	0.6773	0.9242
77.6	0.9480	0.6993	0.9437	0.9726	0.1572	0.9432	0.7550	0.9294
77.7	0.9485	0.7388	0.9441	0.9712	0.0618	0.9343	0.7631	0.9387
77.8	0.9311	0.7765	0.9387	0.9594	0.0977	0.9141	0.7290	0.9108
77.9	0.9199	0.8426	0.9470	0.9635	0.1454	0.9275	0.6751	0.8921
78.0	0.9438	0.9034	0.9603	0.9749	0.1629	0.9464	0.7138	0.9390
78.1	0.9359	0.9005	0.9602	0.9687	0.0972	0.9084	0.5912	0.9253
78.2	0.8913	0.8504	0.9381	0.9463	0.1269	0.8683	0.5053	0.8651
78.3	0.9163	0.8917	0.9351	0.9479	0.0208	0.8280	0.5577	0.8611
78.4	0.9272	0.9095	0.9513	0.9597	0.0270	0.8748	0.6287	0.8634
78.5	0.9019	0.8856	0.9430	0.9584	0.0360	0.8471	0.6756	0.8571
78.6	0.9314	0.9027	0.9517	0.9618	0.0940	0.8206	0.7264	0.8995
78.7	0.9272	0.8543	0.9278	0.9526	0.0856	0.8225	0.5685	0.8649
78.8	0.9224	0.8786	0.9263	0.9571	0.0743	0.8391	0.6321	0.8722
78.9	0.9357	0.9132	0.9261	0.9510	0.0700	0.7652	0.6972	0.8394
79.0	0.9149	0.8899	0.9297	0.9391	0.0495	0.7477	0.7468	0.8411
79.1	0.8991	0.8977	0.9242	0.9502	0.1643	0.8081	0.7991	0.8960
79.2	0.9138	0.9168	0.9240	0.9414	0.0736	0.7383	0.7568	0.8421
79.3	0.9024	0.8943	0.9484	0.9234	0.0243	0.6333	0.7560	0.8217
79.4	0.9237	0.9080	0.9647	0.9396	0.1299	0.6942	0.8297	0.8959
79.5	0.9225	0.8994	0.9637	0.9384	0.1154	0.6559	0.8557	0.8767
79.6	0.9017	0.8867	0.9426	0.9138	0.0164	0.5748	0.8332	0.8426
79.7	0.8891	0.9086	0.9486	0.9121	0.0180	0.5283	0.8693	0.8845
79.8	0.8770	0.8827	0.9599	0.9009	0.0634	0.5319	0.8662	0.8785
79.9	0.8538	0.8334	0.9498	0.8751	0.0277	0.5360	0.7854	0.8357
80.0	0.8665	0.8600	0.9563	0.9122	0.0389	0.6395	0.8087	0.8691

2.2.94 Run 8 – VT315-200 – Accels 25–32

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	--	0.4049	0.4075	0.3672	0.0406	0.1652	0.2575	0.2997
0.1	--	0.0514	0.0526	0.0466	0.0265	0.0073	0.0483	0.0141
0.2	--	0.0070	0.0274	0.0163	0.0024	0.0262	0.0095	0.0048
0.3	--	0.0181	0.0374	0.0001	0.0276	0.0285	0.0369	0.0681
0.4	--	0.0260	0.0096	0.0217	0.0108	0.0094	0.0034	0.0278
0.5	--	0.0220	0.0097	0.0810	0.0046	0.0120	0.0479	0.0151
0.6	--	0.0087	0.0117	0.0444	0.0042	0.0027	0.0017	0.0177
0.7	--	0.0114	0.0116	0.0000	0.0218	0.0060	0.0024	0.0155
0.8	--	0.0335	0.0012	0.0164	0.0091	0.0179	0.0031	0.0029
0.9	--	0.0352	0.0206	0.0021	0.0067	0.0125	0.0087	0.0410
1.0	--	0.0102	0.0285	0.0030	0.0058	0.0095	0.0052	0.0678
1.1	--	0.0473	0.0889	0.0091	0.0249	0.0027	0.0041	0.0104
1.2	--	0.0106	0.0760	0.0248	0.0036	0.0428	0.0575	0.0045
1.3	--	0.0593	0.0201	0.0116	0.0129	0.0251	0.0143	0.0034
1.4	--	0.0442	0.0684	0.0176	0.0653	0.0162	0.0335	0.0204
1.5	--	0.0809	0.1951	0.0440	0.0142	0.0070	0.0053	0.0496
1.6	--	0.2186	0.1894	0.0002	0.0198	0.0246	0.0007	0.0470
1.7	--	0.1125	0.1515	0.0060	0.0008	0.0424	0.0026	0.0518
1.8	--	0.0406	0.6707	0.0161	0.0028	0.1244	0.0161	0.0771
1.9	--	0.0254	0.8004	0.0185	0.0174	0.2700	0.0065	0.3426
2.0	--	0.0963	0.7221	0.0189	0.0202	0.4555	0.0615	0.4427
2.1	--	0.2679	0.6019	0.0308	0.0166	0.3770	0.1897	0.3316
2.2	--	0.3093	0.4081	0.0907	0.0214	0.2065	0.0817	0.2073
2.3	--	0.3333	0.4463	0.0974	0.0647	0.3177	0.0629	0.2665
2.4	--	0.1225	0.4755	0.0588	0.0415	0.4556	0.0515	0.5066
2.5	--	0.0728	0.3656	0.1392	0.0170	0.2443	0.0456	0.2894
2.6	--	0.1591	0.5373	0.1162	0.0019	0.3521	0.1265	0.4159
2.7	--	0.2663	0.5267	0.0485	0.0363	0.3666	0.0809	0.3461
2.8	--	0.1582	0.3480	0.1270	0.0065	0.2141	0.0805	0.2549
2.9	--	0.1119	0.2352	0.0497	0.0340	0.2458	0.0173	0.1238
3.0	--	0.1096	0.0774	0.0646	0.0606	0.2445	0.0050	0.1340
3.1	--	0.0982	0.0686	0.0817	0.0064	0.0489	0.0305	0.1885
3.2	--	0.0126	0.0908	0.0418	0.0251	0.0720	0.1348	0.0802
3.3	--	0.0212	0.0877	0.1042	0.0033	0.0480	0.0660	0.0728
3.4	--	0.0245	0.0348	0.0944	0.0063	0.0421	0.0015	0.0305
3.5	--	0.0200	0.0458	0.0532	0.0533	0.0465	0.0019	0.0008
3.6	--	0.0097	0.0337	0.0250	0.0140	0.0644	0.0282	0.0164
3.7	--	0.0105	0.0281	0.0365	0.0006	0.0324	0.1789	0.0444
3.8	--	0.0034	0.0252	0.1369	0.1085	0.0467	0.3986	0.1283
3.9	--	0.1115	0.0467	0.2875	0.5009	0.3794	0.7054	0.5045
4.0	--	0.2317	0.1281	0.3806	0.6816	0.6113	0.7476	0.7803
4.1	--	0.4485	0.1198	0.3201	0.6928	0.6910	0.7176	0.8512
4.2	--	0.2326	0.0029	0.3894	0.6026	0.6852	0.6084	0.7648
4.3	--	0.0683	0.0872	0.4746	0.4764	0.7660	0.6521	0.7990
4.4	--	0.1679	0.0679	0.2730	0.3307	0.8051	0.4901	0.7495
4.5	--	0.1220	0.0833	0.2008	0.1650	0.7935	0.2355	0.8338
4.6	--	0.0548	0.1791	0.1865	0.1053	0.6973	0.0338	0.6941
4.7	--	0.1302	0.3504	0.1364	0.0760	0.6630	0.3211	0.6918
4.8	--	0.0301	0.5213	0.1334	0.2661	0.7600	0.6611	0.7507
4.9	--	0.0071	0.3778	0.1094	0.2224	0.6003	0.5751	0.5529
5.0	--	0.1139	0.2378	0.2633	0.3749	0.4911	0.2183	0.5211
5.1	--	0.1789	0.3774	0.5452	0.5864	0.8144	0.5341	0.8099
5.2	--	0.1588	0.2755	0.5144	0.5466	0.7452	0.6541	0.7279
5.3	--	0.4250	0.0645	0.2664	0.5702	0.5234	0.6004	0.4689
5.4	--	0.4329	0.1401	0.1582	0.4244	0.5272	0.5901	0.4419
5.5	--	0.3489	0.2562	0.1196	0.4058	0.6431	0.6076	0.6322
5.6	--	0.4293	0.4063	0.2640	0.7452	0.6643	0.7643	0.6554
5.7	--	0.4894	0.6430	0.5090	0.8078	0.7392	0.8167	0.7328
5.8	--	0.5240	0.7846	0.7533	0.8517	0.8628	0.8624	0.8262
5.9	--	0.5936	0.8282	0.8433	0.8744	0.8082	0.8503	0.7713
6.0	--	0.6290	0.7923	0.9022	0.8430	0.7046	0.6702	0.6651
6.1	--	0.7347	0.8170	0.9419	0.8874	0.8132	0.7210	0.8188
6.2	--	0.8657	0.7624	0.9491	0.9623	0.8808	0.9315	0.9029
6.3	--	0.9288	0.5713	0.9516	0.9735	0.8180	0.9593	0.9028
6.4	--	0.9436	0.4625	0.9582	0.9687	0.8071	0.9568	0.9254
6.5	--	0.9451	0.4139	0.9606	0.9607	0.7268	0.9511	0.8998
6.6	--	0.9577	0.4819	0.9696	0.9855	0.7194	0.9864	0.9110
6.7	--	0.9641	0.4179	0.9657	0.9813	0.7775	0.9839	0.9386
6.8	--	0.9421	0.0440	0.9657	0.9714	0.7595	0.9806	0.9418
6.9	--	0.9358	0.2838	0.9634	0.9646	0.6603	0.9782	0.9370
7.0	--	0.9158	0.6398	0.9590	0.9397	0.5209	0.9368	0.8655
7.1	--	0.8858	0.7234	0.9332	0.8852	0.5768	0.8710	0.7867
7.2	--	0.9219	0.8550	0.8536	0.9128	0.6666	0.8617	0.7693
7.3	--	0.9435	0.9152	0.7665	0.9504	0.6214	0.8083	0.6757
7.4	--	0.9398	0.9053	0.8754	0.9612	0.6571	0.8012	0.6344
7.5	--	0.9750	0.9455	0.9539	0.9741	0.7978	0.9623	0.7217
7.6	--	0.9870	0.9690	0.9796	0.9885	0.8314	0.9938	0.7044
7.7	--	0.9959	0.9674	0.9810	0.9927	0.8973	0.9939	0.7488
7.8	--	0.9968	0.9699	0.9821	0.9942	0.9260	0.9921	0.7551
7.9	--	0.9921	0.9632	0.9768	0.9871	0.8762	0.9848	0.5501

8.0	--	0.9949	0.9672	0.9869	0.9888	0.6957	0.9886	0.0196
8.1	--	0.9963	0.9633	0.9900	0.9845	0.8232	0.9848	0.0211
8.2	--	0.9944	0.9531	0.9889	0.9838	0.9213	0.9835	0.3150
8.3	--	0.9968	0.9406	0.9904	0.9852	0.9475	0.9840	0.6772
8.4	--	0.9960	0.9229	0.9924	0.9870	0.9217	0.9856	0.8142
8.5	--	0.9940	0.9211	0.9881	0.9831	0.8062	0.9825	0.8210
8.6	--	0.9946	0.9301	0.9911	0.9883	0.7940	0.9866	0.9172
8.7	--	0.9893	0.9153	0.9848	0.9792	0.6366	0.9801	0.9215
8.8	--	0.9930	0.9155	0.9889	0.9831	0.3661	0.9858	0.8489
8.9	--	0.9891	0.8416	0.9836	0.9906	0.6498	0.9814	0.7160
9.0	--	0.9854	0.8060	0.9792	0.9826	0.5810	0.9646	0.7478
9.1	--	0.9868	0.8492	0.9815	0.9888	0.4627	0.9734	0.7854
9.2	--	0.9568	0.9259	0.9449	0.9566	0.6745	0.9576	0.9401
9.3	--	0.9593	0.9373	0.9556	0.9551	0.7030	0.9546	0.9638
9.4	--	0.9417	0.9144	0.9452	0.9334	0.5012	0.9336	0.9374
9.5	--	0.9524	0.9351	0.9595	0.9439	0.6141	0.9434	0.9536
9.6	--	0.9301	0.8839	0.9479	0.9150	0.7533	0.9200	0.9441
9.7	--	0.9720	0.8940	0.9830	0.9668	0.8114	0.9684	0.9470
9.8	--	0.9799	0.9059	0.9868	0.9703	0.5206	0.9692	0.8251
9.9	--	0.9856	0.8360	0.9927	0.9709	0.5640	0.9766	0.8434
10.0	--	0.9862	0.7002	0.9932	0.9842	0.8418	0.9803	0.9296
10.1	--	0.9881	0.8024	0.9947	0.9881	0.9136	0.9844	0.9640
10.2	--	0.9857	0.8553	0.9948	0.9863	0.8844	0.9811	0.9355
10.3	--	0.9941	0.9091	0.9974	0.9850	0.8385	0.9847	0.9037
10.4	--	0.9922	0.9281	0.9975	0.9709	0.6641	0.9700	0.8510
10.5	--	0.9950	0.9546	0.9980	0.9842	0.8143	0.9838	0.9150
10.6	--	0.9944	0.9448	0.9973	0.9893	0.8426	0.9832	0.9057
10.7	--	0.9886	0.9475	0.9969	0.9866	0.8399	0.9840	0.8959
10.8	--	0.9892	0.9683	0.9971	0.9864	0.8316	0.9882	0.8933
10.9	--	0.9776	0.9697	0.9973	0.9834	0.7772	0.9807	0.8634
11.0	--	0.9841	0.9719	0.9972	0.9844	0.8351	0.9875	0.9115
11.1	--	0.9804	0.9764	0.9975	0.9803	0.8499	0.9884	0.9264
11.2	--	0.9739	0.9747	0.9966	0.9785	0.8926	0.9893	0.9297
11.3	--	0.9551	0.9789	0.9965	0.9834	0.8978	0.9879	0.9407
11.4	--	0.9270	0.9776	0.9957	0.9821	0.9452	0.9852	0.9605
11.5	--	0.9125	0.9794	0.9964	0.9841	0.9690	0.9866	0.9727
11.6	--	0.8852	0.9820	0.9963	0.9899	0.9716	0.9904	0.9771
11.7	--	0.8904	0.9774	0.9960	0.9927	0.9745	0.9915	0.9799
11.8	--	0.9178	0.9763	0.9958	0.9924	0.9819	0.9923	0.9829
11.9	--	0.9298	0.9746	0.9960	0.9879	0.9801	0.9876	0.9792
12.0	--	0.9495	0.9610	0.9953	0.9897	0.9779	0.9890	0.9839
12.1	--	0.9640	0.9649	0.9957	0.9917	0.9885	0.9911	0.9867
12.2	--	0.9715	0.9530	0.9953	0.9912	0.9836	0.9914	0.9853
12.3	--	0.9713	0.9381	0.9943	0.9913	0.9827	0.9849	0.9819
12.4	--	0.9808	0.9605	0.9954	0.9939	0.9904	0.9842	0.9897
12.5	--	0.9855	0.9665	0.9964	0.9941	0.9890	0.9910	0.9913
12.6	--	0.9868	0.9658	0.9969	0.9931	0.9899	0.9900	0.9896
12.7	--	0.9856	0.9645	0.9963	0.9915	0.9896	0.9893	0.9879
12.8	--	0.9884	0.9836	0.9969	0.9912	0.9925	0.9929	0.9917
12.9	--	0.9831	0.9736	0.9956	0.9859	0.9829	0.9858	0.9863
13.0	--	0.9820	0.9782	0.9952	0.9845	0.9855	0.9839	0.9860
13.1	--	0.9842	0.9827	0.9957	0.9799	0.9826	0.9854	0.9809
13.2	--	0.9866	0.9839	0.9960	0.9759	0.9748	0.9887	0.9676
13.3	--	0.9741	0.9646	0.9924	0.9474	0.9347	0.9838	0.9140
13.4	--	0.9635	0.9549	0.9861	0.9352	0.9304	0.9807	0.9135
13.5	--	0.9598	0.9520	0.9857	0.9410	0.9467	0.9654	0.9408
13.6	--	0.9635	0.9491	0.9849	0.8632	0.9486	0.9792	0.9423
13.7	--	0.9569	0.9531	0.9817	0.8464	0.9513	0.9879	0.9444
13.8	--	0.9562	0.9463	0.9758	0.9095	0.9451	0.9904	0.9365
13.9	--	0.9669	0.9807	0.9785	0.9474	0.9754	0.9866	0.9682
14.0	--	0.9567	0.9890	0.9691	0.9472	0.9722	0.9753	0.9586
14.1	--	0.9446	0.9956	0.9552	0.9440	0.9666	0.9634	0.9422
14.2	--	0.9460	0.9948	0.9510	0.9472	0.9635	0.9588	0.9175
14.3	--	0.9409	0.9912	0.9380	0.9421	0.9766	0.9530	0.9041
14.4	--	0.9694	0.9951	0.9650	0.9720	0.9931	0.9777	0.9670
14.5	--	0.9774	0.9958	0.9727	0.9783	0.9950	0.9850	0.9848
14.6	--	0.9822	0.9967	0.9775	0.9782	0.9911	0.9860	0.9802
14.7	--	0.9878	0.9985	0.9834	0.9753	0.9862	0.9881	0.9786
14.8	--	0.9910	0.9988	0.9846	0.9802	0.9724	0.9914	0.9596
14.9	--	0.9867	0.9972	0.9806	0.9879	0.9548	0.9932	0.9431
15.0	--	0.9906	0.9980	0.9865	0.9924	0.9673	0.9939	0.9587
15.1	--	0.9851	0.9979	0.9852	0.9902	0.9685	0.9941	0.9619
15.2	--	0.9851	0.9975	0.9875	0.9891	0.9626	0.9925	0.9476
15.3	--	0.9883	0.9978	0.9899	0.9900	0.9542	0.9917	0.9046
15.4	--	0.9888	0.9968	0.9916	0.9886	0.9539	0.9898	0.8464
15.5	--	0.9865	0.9959	0.9889	0.9888	0.9634	0.9875	0.8582
15.6	--	0.9866	0.9952	0.9856	0.9849	0.9613	0.9880	0.8848
15.7	--	0.9858	0.9933	0.9818	0.9761	0.9563	0.9823	0.8948
15.8	--	0.9854	0.9925	0.9819	0.9753	0.9680	0.9781	0.9339
15.9	--	0.9885	0.9927	0.9832	0.9775	0.9668	0.9816	0.9419
16.0	--	0.9850	0.9900	0.9712	0.9559	0.9661	0.9711	0.9465
16.1	--	0.9778	0.9832	0.9514	0.9326	0.9693	0.9689	0.9570
16.2	--	0.9853	0.9868	0.9550	0.9528	0.9739	0.9855	0.9678
16.3	--	0.9816	0.9874	0.9327	0.9371	0.9672	0.9809	0.9631
16.4	--	0.9795	0.9882	0.9144	0.9413	0.9692	0.9889	0.9704
16.5	--	0.9722	0.9893	0.8688	0.9161	0.9659	0.9900	0.9696

16.6	--	0.9665	0.9924	0.8142	0.9619	0.9770	0.9812	0.9746
16.7	--	0.9526	0.9928	0.5119	0.9308	0.9709	0.9692	0.9720
16.8	--	0.9489	0.9914	0.0440	0.8548	0.9109	0.9010	0.8964
16.9	--	0.9553	0.9907	0.2381	0.8246	0.9304	0.6887	0.9035
17.0	--	0.9666	0.9944	0.3575	0.9151	0.9353	0.8572	0.9444
17.1	--	0.9653	0.9964	0.1422	0.8703	0.8858	0.7811	0.9232
17.2	--	0.9751	0.9971	0.5685	0.9135	0.9258	0.7826	0.9604
17.3	--	0.9813	0.9972	0.7343	0.9315	0.9274	0.9071	0.9692
17.4	--	0.9809	0.9976	0.5477	0.8581	0.7290	0.8907	0.9067
17.5	--	0.9782	0.9979	0.3460	0.7138	0.7322	0.9036	0.8562
17.6	--	0.9777	0.9983	0.6364	0.8146	0.9349	0.9581	0.9631
17.7	--	0.9756	0.9980	0.7351	0.9212	0.9557	0.9660	0.9689
17.8	--	0.9699	0.9985	0.8197	0.8969	0.9542	0.9164	0.9586
17.9	--	0.9704	0.9987	0.9059	0.9288	0.9238	0.8756	0.9473
18.0	--	0.9740	0.9988	0.9221	0.9381	0.9379	0.7987	0.9603
18.1	--	0.9775	0.9985	0.9105	0.9229	0.8917	0.5918	0.9438
18.2	--	0.9815	0.9983	0.9208	0.9096	0.8829	0.6804	0.9473
18.3	--	0.9819	0.9985	0.8873	0.9109	0.8664	0.7687	0.9460
18.4	--	0.9732	0.9986	0.7732	0.8990	0.7714	0.7780	0.9241
18.5	--	0.9352	0.9982	0.3610	0.8619	0.7126	0.7493	0.9519
18.6	--	0.8366	0.9982	0.2539	0.7919	0.7832	0.7381	0.9442
18.7	--	0.9468	0.9985	0.8355	0.8846	0.8548	0.8109	0.9333
18.8	--	0.9865	0.9982	0.9409	0.9225	0.8845	0.8619	0.9353
18.9	--	0.9917	0.9980	0.9585	0.9281	0.8700	0.8841	0.9193
19.0	--	0.9939	0.9974	0.9657	0.9344	0.8618	0.8853	0.9068
19.1	--	0.9945	0.9966	0.9584	0.9308	0.8527	0.8661	0.9012
19.2	--	0.9945	0.9960	0.9585	0.9492	0.8625	0.8573	0.9091
19.3	--	0.9968	0.9960	0.9730	0.9593	0.8702	0.8519	0.8979
19.4	--	0.9967	0.9948	0.9753	0.9594	0.8639	0.8245	0.9020
19.5	--	0.9959	0.9947	0.9707	0.9544	0.8410	0.7831	0.8853
19.6	--	0.9959	0.9925	0.9737	0.9673	0.8788	0.7757	0.9073
19.7	--	0.9960	0.9930	0.9766	0.9759	0.9077	0.8165	0.9233
19.8	--	0.9966	0.9931	0.9807	0.9706	0.8890	0.7132	0.9039
19.9	--	0.9957	0.9883	0.9660	0.9537	0.8493	0.4494	0.8633
20.0	--	0.9959	0.9917	0.9734	0.9666	0.8472	0.4765	0.8535
20.1	--	0.9968	0.9918	0.9789	0.9750	0.8340	0.5531	0.8313
20.2	--	0.9965	0.9897	0.9803	0.9751	0.8301	0.4417	0.8604
20.3	--	0.9956	0.9879	0.9700	0.9777	0.8519	0.4016	0.8657
20.4	--	0.9965	0.9917	0.9746	0.9809	0.9260	0.2540	0.9131
20.5	--	0.9956	0.9887	0.9722	0.9755	0.9198	0.1656	0.9003
20.6	--	0.9963	0.9887	0.9696	0.9761	0.9056	0.0631	0.8752
20.7	--	0.9954	0.9861	0.9649	0.9795	0.9085	0.0807	0.8654
20.8	--	0.9946	0.9830	0.9655	0.9797	0.9054	0.3100	0.8229
20.9	--	0.9958	0.9830	0.9657	0.9803	0.9258	0.3884	0.7894
21.0	--	0.9963	0.9862	0.9626	0.9803	0.9399	0.4181	0.8222
21.1	--	0.9958	0.9874	0.9573	0.9735	0.9352	0.4420	0.8114
21.2	--	0.9942	0.9726	0.9241	0.9717	0.9304	0.5219	0.7709
21.3	--	0.9955	0.9762	0.9256	0.9726	0.9460	0.7241	0.7938
21.4	--	0.9942	0.9689	0.9320	0.9692	0.9297	0.7667	0.7407
21.5	--	0.9928	0.9587	0.9026	0.9530	0.8970	0.6852	0.6432
21.6	--	0.9944	0.9575	0.9039	0.9256	0.8872	0.6126	0.6550
21.7	--	0.9951	0.9656	0.8852	0.9172	0.8470	0.6550	0.5037
21.8	--	0.9944	0.9645	0.8496	0.8353	0.7850	0.5991	0.3717
21.9	--	0.9935	0.9686	0.8395	0.8233	0.7926	0.6028	0.4262
22.0	--	0.9933	0.9588	0.8398	0.8210	0.7381	0.5428	0.3412
22.1	--	0.9945	0.9547	0.7944	0.8803	0.7719	0.5840	0.4068
22.2	--	0.9960	0.9650	0.7664	0.9338	0.8340	0.7657	0.5541
22.3	--	0.9958	0.9667	0.7863	0.9632	0.8888	0.8422	0.6190
22.4	--	0.9959	0.9745	0.8081	0.9841	0.8740	0.8482	0.6503
22.5	--	0.9952	0.9618	0.7418	0.9703	0.8269	0.7822	0.5939
22.6	--	0.9955	0.9722	0.7717	0.9736	0.8560	0.7557	0.6648
22.7	--	0.9948	0.9764	0.7855	0.9793	0.8867	0.8103	0.7624
22.8	--	0.9950	0.9776	0.7270	0.9663	0.8344	0.8310	0.7571
22.9	--	0.9956	0.9785	0.7049	0.9530	0.6709	0.8381	0.7842
23.0	--	0.9965	0.9808	0.7313	0.9608	0.3139	0.8241	0.7201
23.1	--	0.9975	0.9900	0.8101	0.9776	0.2742	0.7819	0.6790
23.2	--	0.9978	0.9908	0.8720	0.9808	0.6921	0.7818	0.7201
23.3	--	0.9973	0.9897	0.8800	0.9711	0.7973	0.6024	0.6034
23.4	--	0.9967	0.9898	0.8920	0.9650	0.8318	0.5813	0.6463
23.5	--	0.9971	0.9926	0.9176	0.9707	0.8112	0.6059	0.5734
23.6	--	0.9972	0.9932	0.9355	0.9702	0.8449	0.5009	0.3880
23.7	--	0.9980	0.9948	0.9340	0.9659	0.8832	0.4898	0.3227
23.8	--	0.9980	0.9948	0.9245	0.9601	0.9000	0.3812	0.1833
23.9	--	0.9980	0.9949	0.9350	0.9521	0.9210	0.1888	0.1130
24.0	--	0.9975	0.9944	0.9030	0.8880	0.8863	0.0635	0.0358
24.1	--	0.9964	0.9932	0.8615	0.8343	0.8823	0.1777	0.0871
24.2	--	0.9963	0.9942	0.8327	0.8018	0.8658	0.3565	0.0541
24.3	--	0.9963	0.9955	0.8039	0.8304	0.9010	0.5610	0.1463
24.4	--	0.9961	0.9952	0.8303	0.8663	0.9133	0.6025	0.1774
24.5	--	0.9968	0.9962	0.8885	0.9232	0.9440	0.6756	0.3680
24.6	--	0.9971	0.9964	0.9053	0.9269	0.9412	0.6848	0.4040
24.7	--	0.9975	0.9975	0.9334	0.9502	0.9516	0.6079	0.2532
24.8	--	0.9967	0.9962	0.9417	0.9479	0.9246	0.3825	0.1606
24.9	--	0.9956	0.9964	0.9406	0.9639	0.9114	0.2430	0.3283
25.0	--	0.9965	0.9970	0.9558	0.9882	0.9590	0.4428	0.6301
25.1	--	0.9976	0.9973	0.9753	0.9903	0.9732	0.7280	0.8158

25.2	--	0.9975	0.9972	0.9762	0.9872	0.9793	0.8621	0.8587
25.3	--	0.9977	0.9977	0.9785	0.9916	0.9823	0.9209	0.9157
25.4	--	0.9974	0.9973	0.9800	0.9888	0.9812	0.9176	0.9122
25.5	--	0.9969	0.9963	0.9781	0.9814	0.9844	0.9053	0.9081
25.6	--	0.9964	0.9948	0.9669	0.9682	0.9742	0.8982	0.9032
25.7	--	0.9963	0.9932	0.9731	0.9699	0.9739	0.9234	0.9301
25.8	--	0.9974	0.9953	0.9827	0.9716	0.9859	0.9337	0.9611
25.9	--	0.9971	0.9933	0.9782	0.9692	0.9855	0.9458	0.9667
26.0	--	0.9975	0.9931	0.9766	0.9695	0.9865	0.9623	0.9794
26.1	--	0.9977	0.9935	0.9831	0.9749	0.9845	0.9635	0.9773
26.2	--	0.9978	0.9939	0.9797	0.9794	0.9840	0.9630	0.9798
26.3	--	0.9985	0.9933	0.9758	0.9809	0.9830	0.9686	0.9795
26.4	--	0.9989	0.9910	0.9702	0.9746	0.9830	0.9599	0.9824
26.5	--	0.9987	0.9906	0.9716	0.9659	0.9822	0.9553	0.9815
26.6	--	0.9985	0.9850	0.9692	0.9629	0.9842	0.9680	0.9803
26.7	--	0.9980	0.9744	0.9338	0.9385	0.9769	0.9516	0.9735
26.8	--	0.9980	0.9621	0.9391	0.9285	0.9691	0.9385	0.9758
26.9	--	0.9984	0.9594	0.9632	0.9146	0.9706	0.9495	0.9788
27.0	--	0.9976	0.9344	0.9522	0.8439	0.9609	0.8906	0.9665
27.1	--	0.9982	0.9419	0.9634	0.8672	0.9656	0.8878	0.9601
27.2	--	0.9984	0.9373	0.9665	0.8746	0.9605	0.8796	0.9532
27.3	--	0.9982	0.9494	0.9660	0.8713	0.9554	0.8906	0.9511
27.4	--	0.9980	0.9663	0.9674	0.8490	0.9502	0.8659	0.9524
27.5	--	0.9982	0.9744	0.9743	0.7562	0.9396	0.7605	0.9305
27.6	--	0.9980	0.9680	0.9743	0.5806	0.9131	0.6735	0.9173
27.7	--	0.9982	0.9746	0.9752	0.3675	0.9084	0.6321	0.9208
27.8	--	0.9982	0.9815	0.9829	0.4321	0.9008	0.5494	0.9404
27.9	--	0.9985	0.9866	0.9813	0.7111	0.9004	0.4572	0.9510
28.0	--	0.9985	0.9895	0.9791	0.8131	0.9245	0.4728	0.9641
28.1	--	0.9970	0.9897	0.9763	0.8456	0.9100	0.5855	0.9677
28.2	--	0.9940	0.9920	0.9722	0.8465	0.8824	0.4764	0.9560
28.3	--	0.9952	0.9932	0.9799	0.8995	0.8698	0.4632	0.9496
28.4	--	0.9973	0.9943	0.9851	0.9353	0.8979	0.6804	0.9592
28.5	--	0.9977	0.9940	0.9855	0.9611	0.8684	0.7746	0.9753
28.6	--	0.9985	0.9953	0.9858	0.9612	0.8973	0.7352	0.9755
28.7	--	0.9985	0.9945	0.9858	0.9624	0.9051	0.7924	0.9744
28.8	--	0.9983	0.9956	0.9854	0.9664	0.9081	0.8281	0.9737
28.9	--	0.9973	0.9952	0.9849	0.9701	0.9208	0.8817	0.9774
29.0	--	0.9983	0.9957	0.9877	0.9733	0.9331	0.9297	0.9830
29.1	--	0.9977	0.9943	0.9829	0.9701	0.9117	0.9221	0.9813
29.2	--	0.9975	0.9955	0.9860	0.9741	0.9219	0.9456	0.9818
29.3	--	0.9976	0.9976	0.9900	0.9872	0.9471	0.9684	0.9870
29.4	--	0.9974	0.9965	0.9916	0.9836	0.9385	0.9711	0.9883
29.5	--	0.9976	0.9966	0.9925	0.9837	0.9436	0.9720	0.9902
29.6	--	0.9977	0.9960	0.9923	0.9868	0.9381	0.9613	0.9866
29.7	--	0.9960	0.9950	0.9878	0.9870	0.9273	0.9710	0.9882
29.8	--	0.9950	0.9942	0.9846	0.9723	0.9235	0.9420	0.9774
29.9	--	0.9927	0.9950	0.9660	0.9180	0.9264	0.8757	0.9357
30.0	--	0.9916	0.9944	0.9733	0.9452	0.9308	0.9073	0.9478
30.1	--	0.9946	0.9947	0.9905	0.9836	0.9528	0.9702	0.9806
30.2	--	0.9960	0.9967	0.9923	0.9833	0.9570	0.9789	0.9839
30.3	--	0.9940	0.9951	0.9914	0.9878	0.9537	0.9780	0.9783
30.4	--	0.9947	0.9930	0.9929	0.9856	0.9629	0.9779	0.9796
30.5	--	0.9947	0.9943	0.9909	0.9834	0.9641	0.9780	0.9786
30.6	--	0.9938	0.9935	0.9880	0.9752	0.9575	0.9624	0.9654
30.7	--	0.9933	0.9921	0.9898	0.9752	0.9649	0.9631	0.9608
30.8	--	0.9924	0.9885	0.9891	0.9804	0.9719	0.9595	0.9609
30.9	--	0.9930	0.9906	0.9891	0.9821	0.9786	0.9658	0.9513
31.0	--	0.9915	0.9850	0.9889	0.9804	0.9808	0.9553	0.9194
31.1	--	0.9915	0.9837	0.9902	0.9732	0.9792	0.9406	0.9100
31.2	--	0.9896	0.9812	0.9908	0.9681	0.9817	0.9537	0.9302
31.3	--	0.9888	0.9809	0.9885	0.9657	0.9841	0.9539	0.9211
31.4	--	0.9879	0.9807	0.9885	0.9644	0.9839	0.9622	0.9131
31.5	--	0.9861	0.9739	0.9889	0.9665	0.9857	0.9605	0.9220
31.6	--	0.9834	0.9658	0.9887	0.9638	0.9849	0.9620	0.8853
31.7	--	0.9831	0.9638	0.9845	0.9494	0.9860	0.9507	0.8515
31.8	--	0.9786	0.9584	0.9839	0.9419	0.9801	0.9662	0.8537
31.9	--	0.9651	0.9532	0.9806	0.9318	0.9735	0.9714	0.8344
32.0	--	0.9640	0.9469	0.9832	0.9283	0.9706	0.9529	0.8130
32.1	--	0.9700	0.9356	0.9867	0.9405	0.9726	0.9573	0.8180
32.2	--	0.9649	0.9462	0.9824	0.9047	0.9767	0.9555	0.7845
32.3	--	0.9669	0.9550	0.9845	0.8811	0.9806	0.9461	0.8369
32.4	--	0.9618	0.9384	0.9842	0.8412	0.9768	0.9374	0.8704
32.5	--	0.9609	0.9300	0.9788	0.8308	0.9735	0.9365	0.8511
32.6	--	0.9634	0.9375	0.9788	0.8365	0.9775	0.9142	0.9103
32.7	--	0.9639	0.9277	0.9794	0.7928	0.9773	0.8722	0.9416
32.8	--	0.9604	0.9247	0.9780	0.7479	0.9745	0.8632	0.9571
32.9	--	0.9446	0.9007	0.9623	0.7315	0.9621	0.8642	0.9329
33.0	--	0.9349	0.8966	0.9478	0.7393	0.9491	0.8455	0.8893
33.1	--	0.8958	0.8315	0.9067	0.7034	0.9340	0.7860	0.8317
33.2	--	0.9220	0.8669	0.9100	0.8193	0.9419	0.7998	0.8373
33.3	--	0.9374	0.9075	0.9253	0.8255	0.9468	0.8131	0.7425
33.4	--	0.9450	0.9132	0.9408	0.8114	0.9644	0.8134	0.5796
33.5	--	0.9319	0.8787	0.9219	0.8349	0.9813	0.7389	0.3044
33.6	--	0.9165	0.8346	0.9124	0.7525	0.9820	0.4949	0.0663
33.7	--	0.9243	0.7443	0.9303	0.6760	0.9830	0.6361	0.3306

33.8	--	0.9085	0.5998	0.9311	0.6027	0.9826	0.6214	0.4388
33.9	--	0.8863	0.4659	0.9177	0.4098	0.9788	0.7582	0.6049
34.0	--	0.8799	0.4552	0.9114	0.4194	0.9794	0.8296	0.7629
34.1	--	0.8991	0.6416	0.9183	0.4349	0.9816	0.8526	0.8473
34.2	--	0.8775	0.7219	0.8961	0.4544	0.9810	0.8141	0.8909
34.3	--	0.8997	0.8356	0.9169	0.5671	0.9826	0.7543	0.8985
34.4	--	0.9222	0.8911	0.9249	0.6997	0.9843	0.6947	0.9219
34.5	--	0.9173	0.9048	0.9199	0.7003	0.9840	0.6175	0.9381
34.6	--	0.9316	0.9324	0.9272	0.7604	0.9834	0.6343	0.9262
34.7	--	0.9493	0.9465	0.9460	0.7617	0.9840	0.6598	0.9282
34.8	--	0.9386	0.9335	0.9283	0.7709	0.9814	0.5246	0.9102
34.9	--	0.9553	0.9447	0.9398	0.8317	0.9814	0.6055	0.8765
35.0	--	0.9565	0.9450	0.9358	0.8432	0.9733	0.6271	0.8718
35.1	--	0.9645	0.9497	0.9448	0.8778	0.9829	0.7454	0.9194
35.2	--	0.9738	0.9611	0.9609	0.9193	0.9844	0.8020	0.9370
35.3	--	0.9750	0.9733	0.9572	0.9309	0.9867	0.8404	0.9472
35.4	--	0.9753	0.9767	0.9505	0.9440	0.9872	0.8636	0.9589
35.5	--	0.9769	0.9583	0.9480	0.9348	0.9854	0.8723	0.9583
35.6	--	0.9714	0.9255	0.9282	0.9159	0.9804	0.8784	0.9464
35.7	--	0.9815	0.9381	0.9453	0.9453	0.9864	0.9283	0.9624
35.8	--	0.9840	0.9503	0.9498	0.9567	0.9886	0.9544	0.9729
35.9	--	0.9857	0.9540	0.9519	0.9593	0.9893	0.9554	0.9775
36.0	--	0.9890	0.9469	0.9558	0.9672	0.9909	0.9634	0.9794
36.1	--	0.9917	0.9714	0.9600	0.9778	0.9908	0.9794	0.9846
36.2	--	0.9914	0.9719	0.9456	0.9739	0.9918	0.9795	0.9850
36.3	--	0.9906	0.9669	0.9343	0.9749	0.9920	0.9765	0.9829
36.4	--	0.9917	0.9668	0.9202	0.9783	0.9928	0.9819	0.9854
36.5	--	0.9920	0.9691	0.9109	0.9778	0.9903	0.9822	0.9857
36.6	--	0.9933	0.9758	0.9033	0.9810	0.9895	0.9832	0.9872
36.7	--	0.9915	0.9605	0.8786	0.9790	0.9864	0.9823	0.9850
36.8	--	0.9895	0.9518	0.8671	0.9764	0.9860	0.9839	0.9837
36.9	--	0.9887	0.9532	0.8534	0.9756	0.9784	0.9797	0.9825
37.0	--	0.9892	0.9526	0.8207	0.9739	0.9816	0.9853	0.9841
37.1	--	0.9913	0.9518	0.8277	0.9763	0.9887	0.9888	0.9875
37.2	--	0.9902	0.9567	0.8054	0.9795	0.9887	0.9873	0.9866
37.3	--	0.9873	0.9515	0.7685	0.9711	0.9877	0.9884	0.9825
37.4	--	0.9930	0.9590	0.8368	0.9807	0.9904	0.9926	0.9891
37.5	--	0.9936	0.9632	0.8448	0.9721	0.9914	0.9885	0.9842
37.6	--	0.9926	0.9571	0.7698	0.9578	0.9867	0.9867	0.9752
37.7	--	0.9903	0.9645	0.6989	0.9707	0.9880	0.9875	0.9751
37.8	--	0.9929	0.9692	0.6983	0.9756	0.9898	0.9881	0.9766
37.9	--	0.9912	0.9727	0.6938	0.9725	0.9862	0.9876	0.9585
38.0	--	0.9918	0.9785	0.7322	0.9636	0.9868	0.9874	0.9461
38.1	--	0.9908	0.9812	0.6866	0.9355	0.9909	0.9865	0.9665
38.2	--	0.9918	0.9822	0.6685	0.9321	0.9911	0.9843	0.9733
38.3	--	0.9884	0.9802	0.5732	0.9209	0.9931	0.9863	0.9691
38.4	--	0.9868	0.9778	0.4989	0.8772	0.9923	0.9828	0.9766
38.5	--	0.9867	0.9715	0.5548	0.8843	0.9912	0.9855	0.9767
38.6	--	0.9831	0.9771	0.5858	0.8930	0.9901	0.9871	0.9782
38.7	--	0.9897	0.9848	0.7110	0.9011	0.9928	0.9912	0.9828
38.8	--	0.9887	0.9824	0.7788	0.9201	0.9925	0.9885	0.9793
38.9	--	0.9849	0.9790	0.7937	0.9205	0.9917	0.9789	0.9687
39.0	--	0.9889	0.9787	0.8688	0.9459	0.9953	0.9838	0.9762
39.1	--	0.9866	0.9726	0.8357	0.9393	0.9926	0.9784	0.9674
39.2	--	0.9878	0.9769	0.8592	0.9317	0.9926	0.9770	0.9690
39.3	--	0.9861	0.9794	0.8635	0.9413	0.9948	0.9804	0.9720
39.4	--	0.9860	0.9788	0.8879	0.9458	0.9947	0.9829	0.9752
39.5	--	0.9874	0.9786	0.9360	0.9421	0.9950	0.9817	0.9808
39.6	--	0.9869	0.9779	0.9464	0.9167	0.9948	0.9753	0.9816
39.7	--	0.9849	0.9760	0.9409	0.9137	0.9960	0.9800	0.9777
39.8	--	0.9748	0.9784	0.9374	0.9118	0.9957	0.9809	0.9762
39.9	--	0.9739	0.9687	0.9419	0.8651	0.9951	0.9763	0.9733
40.0	--	0.9805	0.9686	0.9606	0.8434	0.9959	0.9745	0.9738
40.1	--	0.9776	0.9599	0.9581	0.8214	0.9954	0.9757	0.9693
40.2	--	0.9849	0.9643	0.9752	0.8621	0.9953	0.9785	0.9703
40.3	--	0.9808	0.9603	0.9747	0.8832	0.9945	0.9763	0.9723
40.4	--	0.9693	0.9521	0.9735	0.8798	0.9941	0.9754	0.9686
40.5	--	0.9697	0.9446	0.9724	0.8539	0.9955	0.9699	0.9671
40.6	--	0.9615	0.9332	0.9654	0.8317	0.9961	0.9688	0.9605
40.7	--	0.9573	0.9315	0.9739	0.8169	0.9943	0.9595	0.9504
40.8	--	0.9574	0.9234	0.9714	0.7240	0.9920	0.9316	0.9322
40.9	--	0.9693	0.9355	0.9798	0.7326	0.9946	0.9359	0.9430
41.0	--	0.9725	0.9497	0.9825	0.7630	0.9948	0.9407	0.9457
41.1	--	0.9675	0.9446	0.9821	0.7520	0.9952	0.9497	0.9526
41.2	--	0.9404	0.9165	0.9722	0.6534	0.9933	0.9088	0.9292
41.3	--	0.9380	0.8474	0.9592	0.5583	0.9919	0.8781	0.9290
41.4	--	0.9535	0.8600	0.9598	0.5397	0.9932	0.8305	0.9443
41.5	--	0.9672	0.8941	0.9597	0.3979	0.9920	0.7343	0.9427
41.6	--	0.9666	0.8799	0.9579	0.1058	0.9939	0.7997	0.9381
41.7	--	0.9617	0.9257	0.9688	0.2982	0.9940	0.7846	0.9296
41.8	--	0.9516	0.9276	0.9652	0.3385	0.9927	0.5733	0.9283
41.9	--	0.9565	0.8836	0.9359	0.3793	0.9916	0.5597	0.9382
42.0	--	0.9528	0.8291	0.9270	0.3131	0.9920	0.7036	0.9508
42.1	--	0.9522	0.8180	0.9292	0.2453	0.9949	0.7728	0.9582
42.2	--	0.9586	0.7829	0.9134	0.2541	0.9938	0.7403	0.9555
42.3	--	0.9357	0.7799	0.8754	0.3431	0.9936	0.8171	0.9515

42.4	--	0.9401	0.8203	0.9059	0.4450	0.9947	0.8278	0.9690
42.5	--	0.9410	0.8649	0.9258	0.5993	0.9959	0.8637	0.9794
42.6	--	0.9228	0.8523	0.9225	0.5900	0.9930	0.8806	0.9757
42.7	--	0.9417	0.8628	0.9362	0.6884	0.9929	0.9235	0.9814
42.8	--	0.9389	0.8448	0.9391	0.7192	0.9938	0.9177	0.9821
42.9	--	0.9471	0.8463	0.9460	0.7573	0.9954	0.9175	0.9854
43.0	--	0.9622	0.8474	0.9515	0.8095	0.9958	0.9334	0.9896
43.1	--	0.9447	0.8287	0.9314	0.7929	0.9928	0.9231	0.9867
43.2	--	0.9195	0.7362	0.8938	0.8057	0.9929	0.9172	0.9816
43.3	--	0.9124	0.6963	0.8658	0.7910	0.9904	0.9117	0.9782
43.4	--	0.9011	0.6757	0.8735	0.7739	0.9919	0.9163	0.9816
43.5	--	0.8733	0.7289	0.8989	0.7559	0.9935	0.9148	0.9827
43.6	--	0.8830	0.7418	0.8977	0.6367	0.9912	0.8785	0.9751
43.7	--	0.8671	0.7511	0.9203	0.6311	0.9926	0.8919	0.9721
43.8	--	0.8861	0.8147	0.9396	0.7669	0.9933	0.9361	0.9849
43.9	--	0.8547	0.7330	0.9091	0.7013	0.9894	0.9064	0.9808
44.0	--	0.8456	0.7236	0.8934	0.4656	0.9906	0.8682	0.9792
44.1	--	0.8347	0.7156	0.9055	0.2446	0.9872	0.8256	0.9690
44.2	--	0.8414	0.6730	0.8939	0.3489	0.9886	0.8030	0.9727
44.3	--	0.8316	0.7887	0.8977	0.3638	0.9898	0.8221	0.9742
44.4	--	0.7992	0.7294	0.8607	0.2815	0.9838	0.7895	0.9582
44.5	--	0.7348	0.6480	0.8100	0.1135	0.9707	0.7138	0.9431
44.6	--	0.8516	0.7243	0.8519	0.0067	0.9767	0.7678	0.9488
44.7	--	0.9091	0.8087	0.9217	0.0986	0.9877	0.8999	0.9704
44.8	--	0.9026	0.7365	0.9030	0.1798	0.9850	0.8549	0.9603
44.9	--	0.9216	0.7389	0.9237	0.2856	0.9867	0.8281	0.9609
45.0	--	0.8899	0.6177	0.9129	0.2683	0.9870	0.7612	0.9641
45.1	--	0.9098	0.7062	0.9263	0.3014	0.9869	0.7320	0.9680
45.2	--	0.9293	0.8001	0.9365	0.4118	0.9827	0.7403	0.9697
45.3	--	0.9188	0.7581	0.8885	0.4523	0.9704	0.6711	0.9557
45.4	--	0.8952	0.6798	0.8428	0.5009	0.9681	0.7514	0.9499
45.5	--	0.8982	0.6804	0.8358	0.6207	0.9621	0.8030	0.9473
45.6	--	0.9220	0.7794	0.9036	0.6431	0.9683	0.8332	0.9559
45.7	--	0.9343	0.7885	0.9171	0.6727	0.9852	0.8889	0.9674
45.8	--	0.9379	0.7446	0.9142	0.6795	0.9864	0.8704	0.9550
45.9	--	0.9496	0.7029	0.8980	0.6298	0.9823	0.8858	0.9515
46.0	--	0.9536	0.7710	0.9236	0.7335	0.9881	0.9406	0.9575
46.1	--	0.9450	0.7912	0.9044	0.7623	0.9878	0.9547	0.9628
46.2	--	0.9571	0.8391	0.9352	0.8239	0.9896	0.9710	0.9697
46.3	--	0.9545	0.8461	0.9467	0.8209	0.9887	0.9735	0.9775
46.4	--	0.9635	0.8204	0.9398	0.7880	0.9911	0.9791	0.9759
46.5	--	0.9695	0.8614	0.9493	0.8483	0.9945	0.9852	0.9762
46.6	--	0.9767	0.8591	0.9597	0.8837	0.9931	0.9906	0.9761
46.7	--	0.9670	0.7473	0.9465	0.8093	0.9859	0.9905	0.9664
46.8	--	0.9583	0.8314	0.9395	0.8297	0.9840	0.9867	0.9594
46.9	--	0.9766	0.8836	0.9586	0.9168	0.9888	0.9867	0.9641
47.0	--	0.9825	0.9252	0.9476	0.9200	0.9909	0.9892	0.9670
47.1	--	0.9751	0.9472	0.9561	0.9309	0.9919	0.9924	0.9655
47.2	--	0.9757	0.9271	0.9553	0.9431	0.9916	0.9925	0.9673
47.3	--	0.9784	0.9309	0.9577	0.9502	0.9905	0.9918	0.9651
47.4	--	0.9803	0.9249	0.9518	0.9574	0.9932	0.9943	0.9735
47.5	--	0.9818	0.9147	0.9476	0.9586	0.9916	0.9927	0.9721
47.6	--	0.9796	0.8877	0.9064	0.9475	0.9896	0.9902	0.9676
47.7	--	0.9803	0.8853	0.9122	0.9570	0.9902	0.9912	0.9710
47.8	--	0.9782	0.8847	0.9253	0.9600	0.9894	0.9904	0.9740
47.9	--	0.9796	0.9079	0.9342	0.9696	0.9934	0.9920	0.9803
48.0	--	0.9804	0.8860	0.9305	0.9735	0.9927	0.9899	0.9823
48.1	--	0.9819	0.7499	0.8903	0.9663	0.9903	0.9871	0.9749
48.2	--	0.9763	0.8253	0.9092	0.9563	0.9892	0.9845	0.9759
48.3	--	0.9777	0.8438	0.9209	0.9541	0.9916	0.9784	0.9745
48.4	--	0.9773	0.8555	0.9030	0.9642	0.9917	0.9726	0.9666
48.5	--	0.9740	0.8804	0.8744	0.9637	0.9902	0.9530	0.9606
48.6	--	0.9796	0.9402	0.9213	0.9752	0.9927	0.9618	0.9747
48.7	--	0.9821	0.9541	0.9253	0.9768	0.9925	0.9632	0.9740
48.8	--	0.9871	0.9287	0.9161	0.9752	0.9910	0.9585	0.9726
48.9	--	0.9832	0.9242	0.9083	0.9770	0.9915	0.9674	0.9722
49.0	--	0.9824	0.9250	0.9124	0.9796	0.9919	0.9696	0.9719
49.1	--	0.9746	0.9205	0.9125	0.9738	0.9875	0.9610	0.9617
49.2	--	0.9755	0.9267	0.8936	0.9749	0.9896	0.9597	0.9693
49.3	--	0.9797	0.9375	0.8982	0.9786	0.9916	0.9664	0.9770
49.4	--	0.9797	0.8970	0.9155	0.9818	0.9929	0.9724	0.9762
49.5	--	0.9651	0.8330	0.9031	0.9802	0.9897	0.9713	0.9712
49.6	--	0.9531	0.8169	0.8582	0.9771	0.9857	0.9708	0.9633
49.7	--	0.9601	0.8886	0.8899	0.9768	0.9892	0.9754	0.9675
49.8	--	0.9657	0.9225	0.8904	0.9776	0.9914	0.9737	0.9700
49.9	--	0.9692	0.9406	0.8998	0.9775	0.9896	0.9759	0.9715
50.0	--	0.9706	0.9556	0.9255	0.9782	0.9910	0.9844	0.9677
50.1	--	0.9672	0.9519	0.8988	0.9755	0.9916	0.9832	0.9521
50.2	--	0.9682	0.9554	0.8626	0.9737	0.9889	0.9821	0.9641
50.3	--	0.9534	0.9346	0.8262	0.9604	0.9868	0.9783	0.9664
50.4	--	0.9569	0.9310	0.8377	0.9627	0.9871	0.9833	0.9608
50.5	--	0.9537	0.9433	0.8632	0.9652	0.9880	0.9822	0.9604
50.6	--	0.9413	0.9212	0.8421	0.9494	0.9847	0.9794	0.9530
50.7	--	0.9434	0.9213	0.8371	0.9510	0.9886	0.9800	0.9649
50.8	--	0.9213	0.8158	0.8309	0.9457	0.9868	0.9737	0.9613
50.9	--	0.9471	0.8678	0.8590	0.9540	0.9923	0.9807	0.9655

51.0	--	0.9458	0.8741	0.8623	0.9558	0.9913	0.9851	0.9622
51.1	--	0.9523	0.9212	0.8812	0.9729	0.9920	0.9893	0.9798
51.2	--	0.9399	0.9085	0.8679	0.9646	0.9910	0.9839	0.9841
51.3	--	0.9039	0.8329	0.8613	0.9709	0.9896	0.9838	0.9786
51.4	--	0.8962	0.8037	0.8217	0.9642	0.9864	0.9852	0.9621
51.5	--	0.8834	0.8570	0.8388	0.9571	0.9845	0.9799	0.9627
51.6	--	0.9027	0.9257	0.9026	0.9779	0.9865	0.9819	0.9736
51.7	--	0.8971	0.8958	0.8360	0.9702	0.9826	0.9775	0.9607
51.8	--	0.8824	0.8509	0.7612	0.9555	0.9789	0.9664	0.9479
51.9	--	0.8846	0.8671	0.8290	0.9619	0.9793	0.9694	0.9737
52.0	--	0.8982	0.8982	0.8419	0.9649	0.9813	0.9673	0.9759
52.1	--	0.8653	0.8919	0.8411	0.9611	0.9835	0.9611	0.9767
52.2	--	0.9024	0.8804	0.8603	0.9615	0.9854	0.9650	0.9814
52.3	--	0.8907	0.8455	0.8677	0.9707	0.9838	0.9724	0.9818
52.4	--	0.8633	0.8285	0.8576	0.9771	0.9797	0.9775	0.9844
52.5	--	0.8515	0.8385	0.8346	0.9746	0.9812	0.9701	0.9836
52.6	--	0.8468	0.7424	0.8103	0.9629	0.9771	0.9657	0.9771
52.7	--	0.8656	0.7346	0.8307	0.9732	0.9805	0.9655	0.9886
52.8	--	0.8185	0.6389	0.8053	0.9729	0.9769	0.9225	0.9868
52.9	--	0.8260	0.5915	0.8498	0.9774	0.9797	0.8891	0.9829
53.0	--	0.8557	0.7854	0.8766	0.9860	0.9778	0.8843	0.9855
53.1	--	0.8615	0.8515	0.8631	0.9845	0.9781	0.9013	0.9847
53.2	--	0.8763	0.8242	0.8487	0.9833	0.9758	0.9119	0.9848
53.3	--	0.8697	0.8662	0.8665	0.9798	0.9758	0.9034	0.9850
53.4	--	0.8718	0.8351	0.9012	0.9801	0.9743	0.9132	0.9887
53.5	--	0.8475	0.6687	0.8681	0.9771	0.9709	0.9078	0.9874
53.6	--	0.8567	0.7411	0.8378	0.9799	0.9717	0.9430	0.9857
53.7	--	0.8172	0.7699	0.7804	0.9718	0.9607	0.9371	0.9812
53.8	--	0.8895	0.8240	0.8655	0.9714	0.9700	0.9496	0.9818
53.9	--	0.8792	0.8192	0.8750	0.9791	0.9773	0.9465	0.9845
54.0	--	0.8643	0.7035	0.8646	0.9754	0.9778	0.9317	0.9786
54.1	--	0.8771	0.7371	0.8576	0.9706	0.9779	0.9384	0.9794
54.2	--	0.8812	0.8432	0.8910	0.9723	0.9818	0.9417	0.9835
54.3	--	0.8876	0.7972	0.8669	0.9702	0.9791	0.9237	0.9855
54.4	--	0.8948	0.7854	0.8640	0.9796	0.9835	0.9245	0.9892
54.5	--	0.9083	0.7792	0.8511	0.9758	0.9872	0.9202	0.9866
54.6	--	0.8913	0.7321	0.8526	0.9635	0.9864	0.8956	0.9845
54.7	--	0.9022	0.7921	0.8966	0.9806	0.9894	0.9134	0.9862
54.8	--	0.8953	0.8590	0.8947	0.9814	0.9895	0.9024	0.9834
54.9	--	0.9231	0.8921	0.9002	0.9882	0.9921	0.9214	0.9882
55.0	--	0.9066	0.8913	0.8828	0.9864	0.9915	0.9166	0.9879
55.1	--	0.8821	0.8796	0.8777	0.9850	0.9912	0.8972	0.9890
55.2	--	0.8724	0.8567	0.8206	0.9842	0.9913	0.8433	0.9849
55.3	--	0.8839	0.8902	0.8505	0.9815	0.9921	0.8617	0.9845
55.4	--	0.8933	0.9394	0.8695	0.9849	0.9922	0.8598	0.9867
55.5	--	0.8625	0.9417	0.8460	0.9800	0.9927	0.8027	0.9836
55.6	--	0.8500	0.9285	0.8103	0.9726	0.9873	0.8163	0.9737
55.7	--	0.8850	0.9408	0.8674	0.9774	0.9896	0.8534	0.9782
55.8	--	0.8806	0.9341	0.8247	0.9815	0.9843	0.8115	0.9760
55.9	--	0.8832	0.9329	0.7865	0.9757	0.9766	0.7563	0.9725
56.0	--	0.8547	0.9355	0.7448	0.9714	0.9788	0.7730	0.9717
56.1	--	0.8261	0.9237	0.7549	0.9715	0.9821	0.8051	0.9710
56.2	--	0.8842	0.9110	0.7696	0.9733	0.9787	0.7460	0.9773
56.3	--	0.9117	0.9458	0.7997	0.9746	0.9798	0.6815	0.9816
56.4	--	0.8916	0.9307	0.7675	0.9760	0.9768	0.5400	0.9688
56.5	--	0.8937	0.9328	0.8165	0.9815	0.9778	0.4359	0.9727
56.6	--	0.8954	0.9269	0.8285	0.9810	0.9797	0.2780	0.9744
56.7	--	0.8772	0.9253	0.8289	0.9819	0.9814	0.0402	0.9725
56.8	--	0.8735	0.9430	0.7570	0.9771	0.9769	0.1156	0.9714
56.9	--	0.8524	0.9456	0.7399	0.9772	0.9763	0.3370	0.9689
57.0	--	0.8437	0.9441	0.7349	0.9810	0.9747	0.5888	0.9739
57.1	--	0.8556	0.9557	0.7801	0.9852	0.9806	0.6873	0.9721
57.2	--	0.8673	0.9423	0.7592	0.9855	0.9815	0.7598	0.9724
57.3	--	0.8636	0.9400	0.7462	0.9833	0.9820	0.7925	0.9702
57.4	--	0.8461	0.9516	0.5797	0.9820	0.9800	0.7614	0.9705
57.5	--	0.8532	0.9440	0.5029	0.9823	0.9778	0.7330	0.9624
57.6	--	0.8482	0.9375	0.4116	0.9820	0.9747	0.7119	0.9579
57.7	--	0.7918	0.9276	0.4501	0.9759	0.9690	0.5224	0.9542
57.8	--	0.8248	0.9307	0.5245	0.9775	0.9770	0.4672	0.9592
57.9	--	0.8403	0.9367	0.5798	0.9866	0.9855	0.6456	0.9595
58.0	--	0.8644	0.9474	0.5257	0.9817	0.9866	0.8076	0.9584
58.1	--	0.8638	0.9519	0.6107	0.9759	0.9831	0.8116	0.9557
58.2	--	0.8299	0.9556	0.6025	0.9699	0.9821	0.7825	0.9564
58.3	--	0.8037	0.9536	0.4790	0.9680	0.9760	0.8012	0.9447
58.4	--	0.8339	0.9576	0.5680	0.9683	0.9754	0.8482	0.9412
58.5	--	0.8595	0.9512	0.6984	0.9727	0.9785	0.8455	0.9472
58.6	--	0.8540	0.9447	0.7143	0.9674	0.9814	0.8419	0.9544
58.7	--	0.8418	0.9536	0.7250	0.9721	0.9822	0.8811	0.9498
58.8	--	0.8884	0.9684	0.7424	0.9767	0.9877	0.8526	0.9445
58.9	--	0.8884	0.9669	0.7286	0.9597	0.9851	0.7635	0.9082
59.0	--	0.8459	0.9496	0.6671	0.7565	0.9562	0.3827	0.7058
59.1	--	0.8271	0.9381	0.7019	0.7553	0.9545	0.3254	0.7173
59.2	--	0.8837	0.9509	0.7424	0.9562	0.9783	0.7565	0.9142
59.3	--	0.9126	0.9631	0.6948	0.9690	0.9823	0.8354	0.9169
59.4	--	0.9106	0.9567	0.7425	0.9627	0.9857	0.8299	0.8885
59.5	--	0.9146	0.9501	0.7619	0.9606	0.9859	0.8266	0.8783

59.6	--	0.8746	0.9410	0.7184	0.9432	0.9740	0.7629	0.8435
59.7	--	0.9055	0.9631	0.7774	0.9530	0.9862	0.7886	0.8936
59.8	--	0.7893	0.9344	0.7376	0.8912	0.9766	0.6658	0.8530
59.9	--	0.0248	0.0664	0.3089	0.8632	0.9768	0.6442	0.8379
60.0	--	0.0398	0.0669	0.1206	0.9583	0.9856	0.8437	0.8807
60.1	--	0.0175	0.0651	0.2216	0.9638	0.9865	0.8282	0.8410
60.2	--	0.7474	0.9395	0.6354	0.9512	0.9863	0.8186	0.7797
60.3	--	0.8303	0.9503	0.6994	0.9503	0.9874	0.8534	0.7358
60.4	--	0.8243	0.9584	0.6638	0.9492	0.9853	0.8932	0.7571
60.5	--	0.7923	0.9689	0.6297	0.9547	0.9844	0.8532	0.6159
60.6	--	0.8124	0.9622	0.5761	0.9531	0.9896	0.8371	0.5334
60.7	--	0.7990	0.9704	0.6289	0.9563	0.9893	0.8598	0.6057
60.8	--	0.7720	0.9778	0.6840	0.9491	0.9914	0.8096	0.5488
60.9	--	0.6368	0.9663	0.5857	0.9521	0.9891	0.8063	0.4966
61.0	--	0.5765	0.9566	0.5713	0.9553	0.9839	0.8068	0.5085
61.1	--	0.6436	0.9506	0.5992	0.9483	0.9816	0.7664	0.3996
61.2	--	0.6109	0.9585	0.6241	0.9499	0.9767	0.7160	0.1759
61.3	--	0.6055	0.9664	0.6668	0.9549	0.9774	0.7266	0.0179
61.4	--	0.7135	0.9710	0.7248	0.9651	0.9842	0.7526	0.1395
61.5	--	0.7219	0.9582	0.6931	0.9592	0.9772	0.6497	0.1946
61.6	--	0.6575	0.9681	0.7563	0.9683	0.9721	0.4354	0.3994
61.7	--	0.6331	0.9684	0.7694	0.9734	0.9607	0.3784	0.5505
61.8	--	0.6871	0.9739	0.8422	0.9760	0.9457	0.2799	0.5824
61.9	--	0.6404	0.9761	0.8516	0.9774	0.9536	0.0770	0.6399
62.0	--	0.5796	0.9642	0.7402	0.9646	0.9536	0.1047	0.4861
62.1	--	0.6569	0.9703	0.8162	0.9732	0.9598	0.2432	0.3505
62.2	--	0.7390	0.9721	0.8939	0.9779	0.9679	0.1660	0.3153
62.3	--	0.7125	0.9706	0.8536	0.9630	0.9642	0.1499	0.0920
62.4	--	0.6213	0.9665	0.8197	0.9519	0.9570	0.1612	0.0271
62.5	--	0.7071	0.9693	0.8857	0.9709	0.9730	0.2176	0.0127
62.6	--	0.6971	0.9604	0.8547	0.9535	0.9613	0.1476	0.1600
62.7	--	0.7991	0.9666	0.8759	0.9541	0.9701	0.0791	0.3342
62.8	--	0.7739	0.9655	0.8741	0.9426	0.9722	0.1221	0.4555
62.9	--	0.8218	0.9678	0.9232	0.9599	0.9691	0.1468	0.6825
63.0	--	0.7865	0.9633	0.8936	0.9692	0.9666	0.3189	0.6519
63.1	--	0.7767	0.9518	0.8856	0.9519	0.9624	0.3990	0.6097
63.2	--	0.8186	0.9621	0.9122	0.9625	0.9676	0.5776	0.7806
63.3	--	0.8568	0.9683	0.9101	0.9722	0.9735	0.6629	0.7858
63.4	--	0.8272	0.9674	0.9004	0.9637	0.9602	0.7194	0.7448
63.5	--	0.8390	0.9530	0.9222	0.9513	0.9634	0.7447	0.7758
63.6	--	0.8404	0.9588	0.9282	0.9450	0.9682	0.7483	0.7991
63.7	--	0.8517	0.9599	0.9267	0.9555	0.9682	0.7197	0.8401
63.8	--	0.8554	0.9525	0.9282	0.9522	0.9749	0.8062	0.8671
63.9	--	0.8443	0.9624	0.9372	0.9549	0.9754	0.8854	0.8994
64.0	--	0.9015	0.9657	0.9427	0.9672	0.9732	0.8959	0.9323
64.1	--	0.8786	0.9604	0.9420	0.9638	0.9746	0.8783	0.9349
64.2	--	0.8479	0.9474	0.9204	0.9336	0.9603	0.8866	0.9274
64.3	--	0.9121	0.9666	0.9539	0.9649	0.9696	0.9282	0.9539
64.4	--	0.9059	0.9712	0.9510	0.9684	0.9659	0.9469	0.9577
64.5	--	0.8471	0.9682	0.9020	0.9472	0.9513	0.9014	0.9507
64.6	--	0.9027	0.9773	0.9349	0.9616	0.9621	0.9393	0.9616
64.7	--	0.9131	0.9703	0.9176	0.9714	0.9579	0.9420	0.9674
64.8	--	0.8913	0.9668	0.9119	0.9722	0.9558	0.9534	0.9620
64.9	--	0.8701	0.9724	0.9182	0.9687	0.9505	0.9510	0.9545
65.0	--	0.8833	0.9688	0.9172	0.9649	0.9568	0.9531	0.9559
65.1	--	0.9275	0.9772	0.9464	0.9735	0.9708	0.9676	0.9603
65.2	--	0.8888	0.9693	0.9245	0.9632	0.9685	0.9531	0.9532
65.3	--	0.8926	0.9668	0.9080	0.9629	0.9561	0.9479	0.9611
65.4	--	0.8993	0.9664	0.9007	0.9665	0.9511	0.9558	0.9662
65.5	--	0.8957	0.9606	0.8840	0.9645	0.9286	0.9401	0.9601
65.6	--	0.9033	0.9662	0.9074	0.9579	0.9124	0.9517	0.9564
65.7	--	0.8641	0.9674	0.9031	0.9612	0.8326	0.9500	0.9545
65.8	--	0.8621	0.9721	0.9241	0.9613	0.7229	0.9621	0.9611
65.9	--	0.8937	0.9754	0.9387	0.9661	0.7182	0.9743	0.9659
66.0	--	0.8998	0.9820	0.9606	0.9663	0.7701	0.9784	0.9608
66.1	--	0.9173	0.9801	0.9662	0.9642	0.8350	0.9659	0.9580
66.2	--	0.8822	0.9739	0.9604	0.9597	0.8829	0.9645	0.9683
66.3	--	0.8811	0.9765	0.9587	0.9565	0.9254	0.9642	0.9705
66.4	--	0.8984	0.9759	0.9668	0.9667	0.9523	0.9627	0.9765
66.5	--	0.9170	0.9728	0.9747	0.9689	0.9618	0.9580	0.9717
66.6	--	0.9120	0.9681	0.9708	0.9658	0.9489	0.9465	0.9696
66.7	--	0.9174	0.9678	0.9670	0.9549	0.9569	0.9392	0.9684
66.8	--	0.9119	0.9817	0.9719	0.9591	0.9662	0.9347	0.9671
66.9	--	0.8989	0.9726	0.9712	0.9363	0.9746	0.9063	0.9632
67.0	--	0.9204	0.9785	0.9742	0.9479	0.9810	0.8979	0.9753
67.1	--	0.9246	0.9771	0.9745	0.9427	0.9795	0.8859	0.9745
67.2	--	0.9184	0.9737	0.9727	0.9208	0.9726	0.7665	0.9670
67.3	--	0.9280	0.9723	0.9724	0.9002	0.9707	0.6826	0.9668
67.4	--	0.9019	0.9742	0.9599	0.8518	0.9705	0.4501	0.9669
67.5	--	0.8944	0.9732	0.9573	0.7018	0.9654	0.6261	0.9562
67.6	--	0.9261	0.9773	0.9727	0.5818	0.9705	0.7996	0.9697
67.7	--	0.9202	0.9715	0.9738	0.3217	0.9709	0.8732	0.9720
67.8	--	0.9131	0.9709	0.9663	0.0917	0.9674	0.9177	0.9674
67.9	--	0.9106	0.9660	0.9594	0.5773	0.9649	0.9200	0.9587
68.0	--	0.9182	0.9619	0.9608	0.8265	0.9683	0.9434	0.9430
68.1	--	0.9078	0.9550	0.9546	0.8102	0.9641	0.9443	0.9252

68.2	--	0.9029	0.9585	0.9525	0.8402	0.9700	0.9387	0.9099
68.3	--	0.9233	0.9667	0.9638	0.9142	0.9800	0.9608	0.8851
68.4	--	0.9119	0.9548	0.9583	0.9197	0.9730	0.9551	0.8822
68.5	--	0.9423	0.9698	0.9663	0.9501	0.9840	0.9503	0.8906
68.6	--	0.9375	0.9669	0.9736	0.9621	0.9777	0.9573	0.8765
68.7	--	0.9338	0.9528	0.9624	0.9506	0.9786	0.9690	0.8757
68.8	--	0.9402	0.9389	0.9464	0.9439	0.9734	0.9626	0.8187
68.9	--	0.9384	0.9569	0.9466	0.9618	0.9758	0.9643	0.8007
69.0	--	0.9363	0.9616	0.9539	0.9547	0.9798	0.9582	0.7718
69.1	--	0.9323	0.9550	0.9545	0.9607	0.9781	0.9644	0.7203
69.2	--	0.9324	0.9584	0.9418	0.9636	0.9759	0.9612	0.5404
69.3	--	0.9397	0.9580	0.9604	0.9675	0.9816	0.9714	0.4213
69.4	--	0.9602	0.9584	0.9612	0.9668	0.9781	0.9727	0.1301
69.5	--	0.9595	0.9599	0.9701	0.9664	0.9798	0.9786	0.2003
69.6	--	0.9550	0.9598	0.9692	0.9720	0.9802	0.9789	0.4252
69.7	--	0.9384	0.9613	0.9599	0.9595	0.9789	0.9697	0.4949
69.8	--	0.9349	0.9549	0.9704	0.9596	0.9812	0.9762	0.6360
69.9	--	0.9320	0.9389	0.9692	0.9359	0.9759	0.9616	0.7082
70.0	--	0.9351	0.9530	0.9803	0.9625	0.9855	0.9712	0.8671
70.1	--	0.9493	0.9548	0.9763	0.9730	0.9877	0.9658	0.8977
70.2	--	0.9536	0.9672	0.9758	0.9725	0.9846	0.9731	0.9416
70.3	--	0.9418	0.9535	0.9728	0.9733	0.9768	0.9601	0.9447
70.4	--	0.9480	0.9493	0.9701	0.9686	0.9723	0.9515	0.9368
70.5	--	0.9356	0.9654	0.9670	0.9725	0.9754	0.9425	0.9332
70.6	--	0.9412	0.9609	0.9783	0.9727	0.9805	0.9358	0.9436
70.7	--	0.9399	0.9635	0.9815	0.9764	0.9827	0.9385	0.9592
70.8	--	0.9372	0.9613	0.9816	0.9786	0.9780	0.9159	0.9513
70.9	--	0.9384	0.9606	0.9802	0.9805	0.9795	0.9246	0.9514
71.0	--	0.9308	0.9607	0.9747	0.9784	0.9769	0.8978	0.9469
71.1	--	0.9206	0.9605	0.9737	0.9767	0.9723	0.8828	0.9453
71.2	--	0.8994	0.9575	0.9679	0.9727	0.9684	0.8598	0.9382
71.3	--	0.8757	0.9490	0.9638	0.9741	0.9664	0.7974	0.9326
71.4	--	0.8937	0.9525	0.9757	0.9802	0.9762	0.7801	0.9538
71.5	--	0.8781	0.9356	0.9722	0.9824	0.9745	0.7357	0.9491
71.6	--	0.8704	0.9408	0.9722	0.9802	0.9683	0.6982	0.9359
71.7	--	0.8904	0.9490	0.9794	0.9844	0.9782	0.7421	0.9538
71.8	--	0.8600	0.9475	0.9657	0.9777	0.9714	0.7752	0.9408
71.9	--	0.8768	0.9356	0.9702	0.9804	0.9682	0.8254	0.9379
72.0	--	0.8926	0.9521	0.9827	0.9870	0.9792	0.8849	0.9466
72.1	--	0.9062	0.9700	0.9865	0.9922	0.9888	0.9268	0.9711
72.2	--	0.9092	0.9584	0.9764	0.9880	0.9857	0.9259	0.9607
72.3	--	0.8766	0.9401	0.9703	0.9817	0.9768	0.8813	0.9423
72.4	--	0.8711	0.9315	0.9750	0.9856	0.9746	0.8709	0.9193
72.5	--	0.8628	0.9339	0.9673	0.9851	0.9664	0.8731	0.9116
72.6	--	0.8242	0.9353	0.9565	0.9828	0.9614	0.8405	0.9120
72.7	--	0.8507	0.9243	0.9531	0.9866	0.9585	0.7917	0.9044
72.8	--	0.8828	0.9395	0.9609	0.9870	0.9718	0.8365	0.9361
72.9	--	0.8849	0.9441	0.9672	0.9886	0.9769	0.8153	0.9383
73.0	--	0.8928	0.9493	0.9773	0.9907	0.9784	0.7997	0.9390
73.1	--	0.9003	0.9443	0.9758	0.9885	0.9788	0.7514	0.9247
73.2	--	0.8912	0.9388	0.9617	0.9877	0.9703	0.6421	0.8944
73.3	--	0.8732	0.9419	0.9529	0.9869	0.9713	0.6179	0.9130
73.4	--	0.8673	0.9410	0.9516	0.9878	0.9735	0.5882	0.9289
73.5	--	0.8768	0.9403	0.9607	0.9891	0.9766	0.7042	0.9443
73.6	--	0.9000	0.9348	0.9578	0.9890	0.9736	0.7509	0.9191
73.7	--	0.8986	0.9302	0.9565	0.9848	0.9700	0.7898	0.9035
73.8	--	0.8752	0.9415	0.9596	0.9856	0.9720	0.8528	0.9014
73.9	--	0.9102	0.9623	0.9711	0.9851	0.9795	0.9089	0.9094
74.0	--	0.8999	0.9549	0.9696	0.9856	0.9749	0.9000	0.8432
74.1	--	0.8895	0.9615	0.9651	0.9875	0.9746	0.9189	0.8021
74.2	--	0.9070	0.9694	0.9709	0.9893	0.9740	0.9394	0.8493
74.3	--	0.9052	0.9629	0.9722	0.9865	0.9754	0.9291	0.8285
74.4	--	0.8946	0.9608	0.9718	0.9865	0.9788	0.9343	0.7515
74.5	--	0.9053	0.9631	0.9572	0.9857	0.9775	0.9414	0.7287
74.6	--	0.8724	0.9553	0.9570	0.9830	0.9772	0.9312	0.7680
74.7	--	0.8315	0.9503	0.9386	0.9818	0.9744	0.9271	0.7107
74.8	--	0.8336	0.9667	0.9609	0.9845	0.9720	0.9406	0.7373
74.9	--	0.8417	0.9615	0.9621	0.9813	0.9727	0.9430	0.7857
75.0	--	0.8779	0.9575	0.9574	0.9815	0.9769	0.9431	0.8289
75.1	--	0.8727	0.9634	0.9621	0.9819	0.9784	0.9503	0.8469
75.2	--	0.8685	0.9601	0.9638	0.9799	0.9710	0.9430	0.8472
75.3	--	0.8688	0.9556	0.9636	0.9779	0.9693	0.9439	0.8331
75.4	--	0.8669	0.9586	0.9629	0.9795	0.9614	0.9461	0.8652
75.5	--	0.8607	0.9392	0.9500	0.9697	0.9620	0.9380	0.8589
75.6	--	0.8456	0.9458	0.9468	0.9709	0.9650	0.9342	0.8706
75.7	--	0.8364	0.9226	0.9536	0.9647	0.9567	0.9198	0.8911
75.8	--	0.7897	0.9195	0.9431	0.9622	0.9494	0.9232	0.8850
75.9	--	0.8066	0.9486	0.9528	0.9697	0.9553	0.9524	0.9206
76.0	--	0.8055	0.9378	0.9446	0.9693	0.9521	0.9432	0.9055
76.1	--	0.8118	0.9308	0.9479	0.9653	0.9558	0.9405	0.9054
76.2	--	0.8615	0.9204	0.9654	0.9683	0.9439	0.9450	0.9273
76.3	--	0.8919	0.9468	0.9746	0.9782	0.9645	0.9600	0.9435
76.4	--	0.8666	0.9344	0.9599	0.9734	0.9603	0.9475	0.9375
76.5	--	0.8516	0.9115	0.9528	0.9680	0.9338	0.9403	0.9433
76.6	--	0.8469	0.9393	0.9615	0.9731	0.9497	0.9542	0.9485
76.7	--	0.8969	0.9481	0.9637	0.9732	0.9540	0.9630	0.9550

76.8	--	0.9167	0.9533	0.9722	0.9786	0.9596	0.9701	0.9705
76.9	--	0.8711	0.9324	0.9602	0.9748	0.9448	0.9481	0.9446
77.0	--	0.8685	0.9024	0.9234	0.9642	0.9011	0.9307	0.9301
77.1	--	0.9048	0.9259	0.9518	0.9603	0.9326	0.9508	0.9511
77.2	--	0.8927	0.9045	0.9570	0.9624	0.9163	0.9331	0.9322
77.3	--	0.8656	0.8927	0.9422	0.9646	0.9098	0.9094	0.9064
77.4	--	0.8372	0.9079	0.9428	0.9548	0.9105	0.9108	0.9148
77.5	--	0.8487	0.8867	0.9413	0.9240	0.8770	0.9210	0.9229
77.6	--	0.8858	0.9022	0.9538	0.9313	0.8903	0.9370	0.9449
77.7	--	0.8827	0.9064	0.9394	0.9168	0.8424	0.9400	0.9369
77.8	--	0.8487	0.8899	0.9021	0.9130	0.7913	0.9209	0.9241
77.9	--	0.8662	0.8672	0.9126	0.9037	0.7818	0.9030	0.9162
78.0	--	0.9105	0.8998	0.9293	0.9440	0.8468	0.9306	0.9386
78.1	--	0.8471	0.8851	0.8938	0.9395	0.7757	0.9280	0.9302
78.2	--	0.8168	0.8348	0.8302	0.9088	0.5936	0.8845	0.8948
78.3	--	0.8357	0.8307	0.7799	0.9198	0.5567	0.8831	0.9016
78.4	--	0.8818	0.8484	0.8194	0.9206	0.5962	0.8999	0.9142
78.5	--	0.8342	0.8532	0.7918	0.9123	0.4848	0.8886	0.9087
78.6	--	0.8234	0.8793	0.7715	0.9291	0.4471	0.9061	0.9290
78.7	--	0.8123	0.8436	0.7541	0.9086	0.3078	0.8883	0.9174
78.8	--	0.8199	0.8477	0.7789	0.8999	0.4323	0.8376	0.8980
78.9	--	0.8143	0.8207	0.7019	0.8786	0.3879	0.8098	0.8777
79.0	--	0.7751	0.8322	0.6557	0.8733	0.3245	0.8327	0.8736
79.1	--	0.7889	0.8784	0.7598	0.8964	0.4289	0.8536	0.8949
79.2	--	0.8325	0.8444	0.7043	0.8734	0.4717	0.8232	0.8724
79.3	--	0.8093	0.8255	0.5588	0.8456	0.3932	0.7426	0.8559
79.4	--	0.8034	0.8860	0.5453	0.8956	0.3593	0.7591	0.8992
79.5	--	0.7983	0.8879	0.4799	0.8796	0.3271	0.7774	0.9081
79.6	--	0.7628	0.8565	0.3865	0.8660	0.3377	0.7538	0.8775
79.7	--	0.7418	0.8782	0.2154	0.8768	0.4137	0.7907	0.9008
79.8	--	0.6937	0.8840	0.0954	0.8909	0.3751	0.7935	0.8953
79.9	--	0.6987	0.8612	0.0690	0.8702	0.3151	0.7067	0.8505
80.0	--	0.6547	0.8874	0.1397	0.8915	0.3986	0.7554	0.8760

2.2.95 Run 8 – VT315-200 – Accels 33–40

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.2395	0.1080	0.0178	0.1161	0.4186	0.0595	0.2051	0.0841
0.1	0.0368	0.0694	0.0272	0.0132	0.0270	0.0093	0.0052	0.0131
0.2	0.0044	0.0439	0.0617	0.0075	0.0045	0.0130	0.0201	0.0211
0.3	0.0110	0.0092	0.0295	0.0091	0.0116	0.0095	0.0130	0.0095
0.4	0.0169	0.0043	0.0045	0.0573	0.0111	0.0019	0.0399	0.0067
0.5	0.0111	0.0116	0.0065	0.0060	0.0035	0.0301	0.0012	0.0000
0.6	0.0280	0.0074	0.0213	0.0608	0.0049	0.0712	0.0009	0.0419
0.7	0.0312	0.0027	0.0681	0.0636	0.0171	0.1135	0.0133	0.0103
0.8	0.0481	0.0191	0.0691	0.0043	0.0081	0.0415	0.0350	0.0129
0.9	0.0056	0.0171	0.0133	0.0609	0.0248	0.0519	0.1070	0.0019
1.0	0.0122	0.0043	0.0044	0.0254	0.0315	0.0280	0.0330	0.0071
1.1	0.0594	0.0159	0.0537	0.0006	0.0000	0.0941	0.0308	0.0176
1.2	0.0917	0.0104	0.0690	0.0029	0.0004	0.1657	0.0256	0.0212
1.3	0.0734	0.0250	0.0751	0.0003	0.0081	0.2730	0.0119	0.0084
1.4	0.0659	0.0070	0.0934	0.0143	0.0061	0.1997	0.0888	0.0204
1.5	0.0246	0.1050	0.1680	0.0211	0.0308	0.2501	0.0170	0.0698
1.6	0.1155	0.2319	0.1710	0.0127	0.0356	0.3024	0.0163	0.0145
1.7	0.0877	0.1041	0.2187	0.0377	0.0181	0.3616	0.1025	0.0076
1.8	0.0540	0.0544	0.2277	0.1518	0.0271	0.3542	0.2537	0.0063
1.9	0.0887	0.3156	0.4596	0.2070	0.0095	0.4312	0.2994	0.0295
2.0	0.3659	0.3880	0.5373	0.3013	0.0249	0.4935	0.3209	0.1197
2.1	0.3473	0.3539	0.5594	0.2952	0.0459	0.5801	0.2394	0.2504
2.2	0.2733	0.2132	0.6288	0.0337	0.0875	0.7173	0.2746	0.1658
2.3	0.3195	0.3330	0.8251	0.2032	0.0398	0.8188	0.3157	0.2429
2.4	0.1429	0.6131	0.8366	0.1386	0.0201	0.8027	0.1561	0.0738
2.5	0.0803	0.4654	0.8880	0.0663	0.0095	0.8540	0.0701	0.0138
2.6	0.1808	0.6231	0.9262	0.1164	0.0145	0.9112	0.0985	0.1312
2.7	0.4687	0.6796	0.9215	0.1933	0.0227	0.9385	0.0922	0.0447
2.8	0.2865	0.5701	0.9368	0.0578	0.0155	0.9362	0.1477	0.0617
2.9	0.0331	0.3984	0.9290	0.0420	0.0063	0.9383	0.1405	0.0690
3.0	0.0687	0.3289	0.9273	0.0147	0.0311	0.9461	0.2228	0.0247
3.1	0.1149	0.2050	0.9319	0.1210	0.0322	0.9097	0.2130	0.0203
3.2	0.0820	0.1786	0.9151	0.0637	0.0468	0.8729	0.2311	0.0251
3.3	0.1297	0.1676	0.9456	0.0165	0.0568	0.9023	0.2140	0.1250
3.4	0.0693	0.2312	0.9414	0.0307	0.0548	0.8709	0.2385	0.1780
3.5	0.0230	0.1309	0.8793	0.0151	0.0023	0.8105	0.1617	0.0155
3.6	0.0060	0.1404	0.8225	0.0969	0.0024	0.7162	0.0695	0.0363
3.7	0.0164	0.2526	0.9171	0.0031	0.0062	0.8265	0.3093	0.0593
3.8	0.0481	0.5379	0.9839	0.0007	0.0661	0.9727	0.7798	0.0535
3.9	0.0188	0.5956	0.9952	0.0096	0.0030	0.9919	0.9297	0.3570
4.0	0.0210	0.5980	0.9963	0.0299	0.0372	0.9947	0.9609	0.6576
4.1	0.0231	0.5450	0.9965	0.0577	0.0287	0.9936	0.9558	0.7243
4.2	0.0350	0.4618	0.9960	0.0100	0.0035	0.9925	0.9341	0.6253
4.3	0.0708	0.2053	0.9958	0.1354	0.0197	0.9924	0.9140	0.7011
4.4	0.0716	0.2515	0.9952	0.1045	0.0018	0.9924	0.8729	0.7635
4.5	0.0858	0.5077	0.9937	0.0821	0.0217	0.9878	0.7607	0.7287
4.6	0.0818	0.4779	0.9918	0.0037	0.0009	0.9819	0.6150	0.7276
4.7	0.0840	0.6945	0.9873	0.0252	0.0110	0.9787	0.3917	0.6675
4.8	0.0779	0.7515	0.9893	0.0228	0.0033	0.9775	0.7102	0.7600
4.9	0.0278	0.6671	0.9847	0.0018	0.0202	0.9771	0.7149	0.6061
5.0	0.0589	0.5988	0.9894	0.1568	0.0522	0.9829	0.6837	0.5752
5.1	0.2460	0.7873	0.9904	0.4928	0.0381	0.9841	0.7488	0.8153
5.2	0.3760	0.5843	0.9912	0.5194	0.0446	0.9822	0.7287	0.7674
5.3	0.3733	0.1088	0.9902	0.4270	0.0126	0.9794	0.6539	0.4909
5.4	0.4918	0.1490	0.9758	0.3471	0.0058	0.9576	0.4384	0.5390
5.5	0.4006	0.0729	0.9853	0.3103	0.0024	0.9660	0.3106	0.6798
5.6	0.5195	0.5686	0.9962	0.4816	0.0063	0.9891	0.6478	0.6516
5.7	0.6093	0.8277	0.9977	0.6197	0.0038	0.9953	0.7529	0.7824
5.8	0.7117	0.9362	0.9982	0.5188	0.0375	0.9978	0.8371	0.8560
5.9	0.7847	0.9463	0.9985	0.6021	0.0778	0.9978	0.8835	0.8007
6.0	0.7199	0.9191	0.9969	0.7317	0.0591	0.9974	0.8564	0.6873
6.1	0.8310	0.9594	0.9975	0.8607	0.0128	0.9982	0.8723	0.8196
6.2	0.8983	0.9708	0.9977	0.9244	0.0007	0.9979	0.9568	0.8530
6.3	0.9465	0.9677	0.9972	0.9470	0.0567	0.9980	0.9728	0.6721
6.4	0.9264	0.9761	0.9970	0.9396	0.0935	0.9977	0.9708	0.2541
6.5	0.9416	0.9694	0.9952	0.9561	0.0239	0.9977	0.9684	0.3829
6.6	0.9522	0.9708	0.9963	0.9625	0.0753	0.9987	0.9916	0.6651
6.7	0.9641	0.9729	0.9948	0.9645	0.0243	0.9984	0.9870	0.7881
6.8	0.9440	0.9709	0.9876	0.9408	0.0297	0.9968	0.9786	0.8345
6.9	0.9458	0.9749	0.9828	0.9451	0.0043	0.9971	0.9754	0.8548
7.0	0.9157	0.9754	0.9692	0.9218	0.0050	0.9955	0.9468	0.8820
7.1	0.8819	0.9463	0.9423	0.8861	0.0658	0.9925	0.8968	0.8807
7.2	0.9177	0.8826	0.9404	0.9212	0.0930	0.9936	0.9017	0.7922
7.3	0.9408	0.8666	0.9434	0.9439	0.1103	0.9839	0.9022	0.6755
7.4	0.9422	0.8880	0.8964	0.9390	0.2274	0.9862	0.9211	0.7188
7.5	0.9719	0.9250	0.8993	0.9722	0.1514	0.9973	0.9726	0.8388
7.6	0.9828	0.9432	0.9157	0.9847	0.1203	0.9982	0.9906	0.8939
7.7	0.9918	0.9637	0.9611	0.9934	0.1323	0.9976	0.9939	0.9295
7.8	0.9901	0.9526	0.9780	0.9938	0.0245	0.9952	0.9948	0.9301
7.9	0.9817	0.9333	0.9840	0.9879	0.0590	0.9914	0.9917	0.9133

8.0	0.9888	0.9180	0.9907	0.9924	0.0875	0.9947	0.9924	0.9109
8.1	0.9893	0.9120	0.9922	0.9929	0.0582	0.9959	0.9895	0.9176
8.2	0.9885	0.8867	0.9917	0.9913	0.0139	0.9944	0.9890	0.9249
8.3	0.9912	0.8666	0.9957	0.9939	0.0262	0.9969	0.9882	0.9022
8.4	0.9915	0.7664	0.9947	0.9938	0.0652	0.9962	0.9892	0.8833
8.5	0.9886	0.6509	0.9907	0.9910	0.0890	0.9928	0.9873	0.8298
8.6	0.9912	0.7326	0.9909	0.9935	0.0026	0.9924	0.9901	0.8331
8.7	0.9864	0.6855	0.9840	0.9888	0.0052	0.9855	0.9823	0.8374
8.8	0.9912	0.7946	0.9897	0.9924	0.0146	0.9902	0.9854	0.8012
8.9	0.9877	0.8404	0.9853	0.9881	0.0742	0.9859	0.9769	0.7304
9.0	0.9840	0.8928	0.9840	0.9849	0.1016	0.9827	0.8781	0.7554
9.1	0.9869	0.9286	0.9834	0.9868	0.1478	0.9832	0.7294	0.7150
9.2	0.9614	0.9208	0.9469	0.9590	0.2061	0.9468	0.9329	0.9243
9.3	0.9608	0.9366	0.9568	0.9603	0.3164	0.9562	0.9708	0.9146
9.4	0.9416	0.9247	0.9460	0.9421	0.4311	0.9453	0.9548	0.8935
9.5	0.9460	0.9461	0.9603	0.9481	0.4532	0.9602	0.9551	0.9078
9.6	0.9161	0.9306	0.9474	0.9223	0.3304	0.9479	0.9216	0.8817
9.7	0.9634	0.9457	0.9821	0.9664	0.2196	0.9827	0.9597	0.9350
9.8	0.9679	0.9499	0.9875	0.9735	0.2082	0.9881	0.9441	0.8882
9.9	0.9710	0.9398	0.9930	0.9800	0.3371	0.9936	0.9611	0.9079
10.0	0.9673	0.9431	0.9939	0.9774	0.2260	0.9948	0.9792	0.9134
10.1	0.9702	0.9498	0.9955	0.9785	0.1005	0.9963	0.9845	0.9176
10.2	0.9579	0.9447	0.9952	0.9751	0.0920	0.9963	0.9776	0.8810
10.3	0.9756	0.9578	0.9993	0.9827	0.1604	0.9994	0.9682	0.8636
10.4	0.9553	0.9472	0.9992	0.9752	0.3483	0.9994	0.9229	0.8383
10.5	0.9682	0.9696	0.9992	0.9816	0.3599	0.9995	0.9281	0.8874
10.6	0.9624	0.9793	0.9985	0.9752	0.4257	0.9989	0.8985	0.8713
10.7	0.9415	0.9804	0.9979	0.9546	0.3043	0.9987	0.8316	0.8235
10.8	0.9187	0.9848	0.9986	0.9432	0.3551	0.9992	0.7053	0.8678
10.9	0.8892	0.9825	0.9977	0.8623	0.3993	0.9990	0.3505	0.8221
11.0	0.9501	0.9893	0.9990	0.8715	0.4481	0.9996	0.5373	0.8348
11.1	0.9627	0.9910	0.9993	0.8520	0.4475	0.9997	0.6671	0.8288
11.2	0.9725	0.9913	0.9994	0.9179	0.5442	0.9998	0.7974	0.8213
11.3	0.9819	0.9923	0.9993	0.9129	0.5616	0.9998	0.8156	0.8391
11.4	0.9816	0.9932	0.9991	0.9222	0.5458	0.9998	0.7893	0.8154
11.5	0.9841	0.9941	0.9989	0.9355	0.5412	0.9998	0.8348	0.8700
11.6	0.9867	0.9951	0.9991	0.9579	0.5305	0.9998	0.8713	0.9087
11.7	0.9901	0.9950	0.9986	0.9765	0.5252	0.9998	0.9093	0.9082
11.8	0.9931	0.9958	0.9987	0.9774	0.5765	0.9998	0.8996	0.9359
11.9	0.9927	0.9942	0.9985	0.9804	0.4743	0.9995	0.9107	0.9383
12.0	0.9928	0.9908	0.9978	0.9774	0.5019	0.9995	0.9309	0.9549
12.1	0.9942	0.9903	0.9974	0.9898	0.7230	0.9995	0.9511	0.9647
12.2	0.9946	0.9825	0.9975	0.9921	0.8303	0.9994	0.9524	0.9569
12.3	0.9929	0.9685	0.9967	0.9842	0.8108	0.9991	0.9509	0.9499
12.4	0.9939	0.9737	0.9975	0.9866	0.8461	0.9989	0.9674	0.9492
12.5	0.9956	0.9754	0.9978	0.9898	0.9016	0.9988	0.9752	0.9500
12.6	0.9965	0.9750	0.9981	0.9834	0.9270	0.9991	0.9773	0.9500
12.7	0.9969	0.9718	0.9972	0.9807	0.9445	0.9987	0.9777	0.9066
12.8	0.9968	0.9866	0.9973	0.9920	0.9586	0.9992	0.9880	0.9316
12.9	0.9944	0.9783	0.9948	0.9905	0.9516	0.9985	0.9814	0.9123
13.0	0.9926	0.9815	0.9926	0.9893	0.9607	0.9978	0.9820	0.9177
13.1	0.9903	0.9849	0.9900	0.9927	0.9669	0.9973	0.9827	0.9284
13.2	0.9869	0.9846	0.9819	0.9941	0.9725	0.9968	0.9789	0.9324
13.3	0.9689	0.9656	0.9630	0.9891	0.9566	0.9920	0.9442	0.9083
13.4	0.9438	0.9534	0.9561	0.9873	0.9450	0.9872	0.9306	0.8984
13.5	0.9386	0.9500	0.9610	0.9855	0.9439	0.9899	0.9392	0.8930
13.6	0.9440	0.9468	0.9645	0.9828	0.9403	0.9937	0.9125	0.9022
13.7	0.9433	0.9498	0.9720	0.9713	0.9444	0.9939	0.8969	0.8739
13.8	0.9486	0.9415	0.9746	0.9647	0.9413	0.9886	0.8495	0.8360
13.9	0.9657	0.9771	0.9876	0.9707	0.9661	0.9826	0.9006	0.8415
14.0	0.9552	0.9850	0.9822	0.9588	0.9621	0.9704	0.8617	0.8279
14.1	0.9440	0.9932	0.9697	0.9471	0.9609	0.9590	0.8403	0.8730
14.2	0.9443	0.9947	0.9584	0.9471	0.9632	0.9551	0.8495	0.8920
14.3	0.9380	0.9924	0.9355	0.9416	0.9573	0.9430	0.8116	0.9273
14.4	0.9678	0.9946	0.9563	0.9701	0.9758	0.9696	0.8196	0.9488
14.5	0.9760	0.9954	0.9593	0.9777	0.9771	0.9764	0.8616	0.9563
14.6	0.9820	0.9959	0.9655	0.9836	0.9768	0.9813	0.8481	0.9607
14.7	0.9891	0.9977	0.9744	0.9901	0.9834	0.9877	0.8601	0.9736
14.8	0.9906	0.9978	0.9311	0.9923	0.9762	0.9812	0.8175	0.9611
14.9	0.9872	0.9966	0.9133	0.9897	0.9766	0.9733	0.8595	0.9499
15.0	0.9928	0.9975	0.9744	0.9943	0.9851	0.9855	0.9377	0.9580
15.1	0.9916	0.9970	0.9845	0.9934	0.9837	0.9882	0.9248	0.9658
15.2	0.9930	0.9963	0.9871	0.9946	0.9802	0.9908	0.9343	0.9649
15.3	0.9949	0.9967	0.9918	0.9963	0.9827	0.9953	0.9593	0.9729
15.4	0.9954	0.9954	0.9894	0.9970	0.9836	0.9944	0.9722	0.9764
15.5	0.9954	0.9939	0.9874	0.9972	0.9793	0.9938	0.9739	0.9749
15.6	0.9960	0.9928	0.9896	0.9974	0.9681	0.9942	0.9812	0.9794
15.7	0.9951	0.9905	0.9899	0.9968	0.9564	0.9944	0.9795	0.9710
15.8	0.9948	0.9893	0.9919	0.9970	0.9683	0.9952	0.9842	0.9766
15.9	0.9964	0.9904	0.9941	0.9978	0.9648	0.9967	0.9848	0.9724
16.0	0.9954	0.9867	0.9937	0.9968	0.9558	0.9953	0.9709	0.9684
16.1	0.9946	0.9772	0.9909	0.9943	0.9331	0.9920	0.9582	0.9722
16.2	0.9972	0.9819	0.9946	0.9958	0.9479	0.9956	0.9703	0.9731
16.3	0.9975	0.9819	0.9944	0.9950	0.9373	0.9951	0.9595	0.9649
16.4	0.9978	0.9839	0.9939	0.9952	0.9371	0.9950	0.9539	0.9710
16.5	0.9968	0.9859	0.9920	0.9928	0.9336	0.9960	0.9109	0.9437

16.6	0.9969	0.9907	0.9878	0.9932	0.9535	0.9958	0.9511	0.9287
16.7	0.9972	0.9911	0.9830	0.9934	0.9499	0.9955	0.9316	0.8816
16.8	0.9973	0.9900	0.9765	0.9937	0.9337	0.9895	0.8679	0.8351
16.9	0.9959	0.9875	0.9744	0.9925	0.9248	0.9898	0.7477	0.8183
17.0	0.9965	0.9917	0.9839	0.9932	0.9207	0.9928	0.8181	0.8109
17.1	0.9976	0.9936	0.9511	0.9945	0.9273	0.9939	0.6813	0.6583
17.2	0.9981	0.9961	0.9686	0.9962	0.9287	0.9957	0.6726	0.6715
17.3	0.9977	0.9968	0.9885	0.9968	0.9266	0.9955	0.1277	0.8364
17.4	0.9979	0.9962	0.9896	0.9961	0.9219	0.9910	0.3617	0.7348
17.5	0.9972	0.9961	0.9916	0.9961	0.8921	0.9914	0.6424	0.6596
17.6	0.9969	0.9971	0.9944	0.9966	0.9066	0.9946	0.6804	0.7451
17.7	0.9966	0.9974	0.9915	0.9966	0.9243	0.9952	0.6176	0.7843
17.8	0.9961	0.9961	0.9837	0.9958	0.8949	0.9929	0.3019	0.7039
17.9	0.9958	0.9950	0.9737	0.9952	0.9029	0.9855	0.5530	0.7187
18.0	0.9963	0.9956	0.9713	0.9958	0.9252	0.9868	0.7049	0.6296
18.1	0.9954	0.9946	0.9677	0.9958	0.9079	0.9849	0.7362	0.5611
18.2	0.9964	0.9948	0.9778	0.9958	0.8914	0.9843	0.7796	0.4841
18.3	0.9972	0.9936	0.9792	0.9969	0.8994	0.9836	0.8516	0.3553
18.4	0.9959	0.9923	0.9683	0.9957	0.8774	0.9707	0.8843	0.3653
18.5	0.9901	0.9901	0.8641	0.9900	0.8855	0.9465	0.8891	0.3719
18.6	0.9807	0.9859	0.4350	0.9788	0.9005	0.9278	0.8431	0.3476
18.7	0.9886	0.9875	0.8275	0.9873	0.9380	0.9534	0.8970	0.1694
18.8	0.9965	0.9867	0.9612	0.9963	0.9373	0.9787	0.9313	0.1847
18.9	0.9965	0.9893	0.9768	0.9960	0.9279	0.9867	0.9368	0.3474
19.0	0.9956	0.9875	0.9841	0.9972	0.9260	0.9864	0.9316	0.3383
19.1	0.9954	0.9854	0.9861	0.9969	0.9543	0.9867	0.9262	0.2194
19.2	0.9956	0.9847	0.9888	0.9968	0.9527	0.9877	0.9507	0.2073
19.3	0.9968	0.9847	0.9948	0.9973	0.9411	0.9919	0.9571	0.2444
19.4	0.9969	0.9768	0.9936	0.9972	0.9192	0.9924	0.9604	0.3601
19.5	0.9947	0.9693	0.9938	0.9960	0.9115	0.9912	0.9748	0.4082
19.6	0.9950	0.9524	0.9954	0.9946	0.9140	0.9923	0.9805	0.6216
19.7	0.9963	0.9501	0.9966	0.9946	0.9408	0.9914	0.9798	0.6784
19.8	0.9960	0.9562	0.9972	0.9953	0.9369	0.9928	0.9835	0.6933
19.9	0.9942	0.8678	0.9952	0.9944	0.9216	0.9859	0.9726	0.5074
20.0	0.9959	0.8419	0.9974	0.9954	0.9477	0.9899	0.9836	0.7151
20.1	0.9967	0.7716	0.9971	0.9954	0.9370	0.9907	0.9857	0.8470
20.2	0.9960	0.7874	0.9975	0.9939	0.9315	0.9918	0.9888	0.8450
20.3	0.9944	0.8175	0.9963	0.9933	0.9358	0.9926	0.9834	0.8478
20.4	0.9950	0.8525	0.9976	0.9959	0.9492	0.9955	0.9851	0.8399
20.5	0.9936	0.8732	0.9972	0.9951	0.9483	0.9944	0.9785	0.8447
20.6	0.9953	0.9106	0.9972	0.9957	0.9624	0.9953	0.9846	0.8483
20.7	0.9945	0.9159	0.9961	0.9946	0.9510	0.9927	0.9849	0.8964
20.8	0.9934	0.9298	0.9951	0.9927	0.9461	0.9926	0.9782	0.8828
20.9	0.9943	0.9412	0.9950	0.9918	0.9557	0.9926	0.9784	0.8604
21.0	0.9952	0.9546	0.9949	0.9933	0.9513	0.9946	0.9799	0.9125
21.1	0.9957	0.9690	0.9938	0.9938	0.9454	0.9946	0.9798	0.9079
21.2	0.9950	0.9657	0.9917	0.9885	0.9415	0.9897	0.9711	0.8982
21.3	0.9958	0.9688	0.9917	0.9863	0.9420	0.9925	0.9749	0.8999
21.4	0.9937	0.9668	0.9927	0.9849	0.9412	0.9937	0.9769	0.9042
21.5	0.9917	0.9639	0.9924	0.9836	0.9268	0.9920	0.9628	0.8432
21.6	0.9938	0.9740	0.9919	0.9819	0.9400	0.9898	0.9628	0.8745
21.7	0.9952	0.9790	0.9945	0.9859	0.9510	0.9926	0.9690	0.9085
21.8	0.9937	0.9781	0.9959	0.9868	0.9524	0.9915	0.9446	0.8828
21.9	0.9945	0.9832	0.9948	0.9893	0.9608	0.9910	0.9256	0.8935
22.0	0.9939	0.9824	0.9948	0.9875	0.9538	0.9910	0.8894	0.8928
22.1	0.9938	0.9876	0.9962	0.9873	0.9463	0.9902	0.8946	0.8922
22.2	0.9956	0.9887	0.9972	0.9883	0.9548	0.9906	0.9273	0.9172
22.3	0.9953	0.9846	0.9975	0.9877	0.9611	0.9896	0.9273	0.9445
22.4	0.9955	0.9837	0.9972	0.9882	0.9707	0.9919	0.9326	0.9516
22.5	0.9941	0.9654	0.9953	0.9795	0.9566	0.9874	0.9099	0.9389
22.6	0.9958	0.9655	0.9964	0.9822	0.9621	0.9879	0.8812	0.9410
22.7	0.9955	0.9629	0.9977	0.9835	0.9632	0.9880	0.8825	0.9522
22.8	0.9953	0.9570	0.9977	0.9838	0.9675	0.9892	0.8505	0.9564
22.9	0.9956	0.9476	0.9976	0.9797	0.9635	0.9905	0.8031	0.9542
23.0	0.9965	0.9371	0.9978	0.9771	0.9631	0.9880	0.8021	0.9470
23.1	0.9983	0.9371	0.9985	0.9803	0.9763	0.9907	0.7579	0.9654
23.2	0.9981	0.9361	0.9990	0.9818	0.9783	0.9946	0.5857	0.9738
23.3	0.9978	0.8948	0.9989	0.9829	0.9762	0.9952	0.3087	0.9683
23.4	0.9980	0.8448	0.9987	0.9813	0.9697	0.9939	0.1823	0.9571
23.5	0.9982	0.8242	0.9987	0.9893	0.9690	0.9951	0.2131	0.9505
23.6	0.9983	0.7593	0.9988	0.9884	0.9611	0.9960	0.4720	0.9459
23.7	0.9987	0.6069	0.9993	0.9904	0.9611	0.9958	0.5830	0.9521
23.8	0.9986	0.4664	0.9993	0.9911	0.9673	0.9945	0.7608	0.9384
23.9	0.9986	0.2662	0.9988	0.9901	0.9509	0.9928	0.8174	0.9310
24.0	0.9982	0.0439	0.9983	0.9913	0.9362	0.9871	0.7820	0.8729
24.1	0.9982	0.0056	0.9974	0.9913	0.9221	0.9792	0.7272	0.8322
24.2	0.9984	0.0085	0.9966	0.9916	0.9128	0.9712	0.7454	0.7817
24.3	0.9982	0.1151	0.9967	0.9905	0.9237	0.9661	0.7534	0.7621
24.4	0.9983	0.1950	0.9974	0.9907	0.9222	0.9729	0.8415	0.7577
24.5	0.9987	0.3191	0.9986	0.9922	0.9369	0.9833	0.9009	0.8196
24.6	0.9990	0.5235	0.9983	0.9944	0.9244	0.9879	0.9070	0.7689
24.7	0.9990	0.5883	0.9983	0.9956	0.9267	0.9941	0.9031	0.6665
24.8	0.9987	0.5433	0.9980	0.9950	0.9102	0.9942	0.9247	0.6605
24.9	0.9982	0.5445	0.9981	0.9940	0.8981	0.9940	0.9444	0.7895
25.0	0.9987	0.6487	0.9988	0.9946	0.8757	0.9956	0.9697	0.7799
25.1	0.9990	0.7194	0.9988	0.9967	0.8900	0.9968	0.9777	0.7807

25.2	0.9990	0.7139	0.9986	0.9961	0.8638	0.9951	0.9671	0.7587
25.3	0.9992	0.7813	0.9985	0.9963	0.8565	0.9954	0.9749	0.7790
25.4	0.9991	0.8311	0.9984	0.9962	0.8651	0.9932	0.9672	0.7306
25.5	0.9986	0.8700	0.9983	0.9956	0.8479	0.9909	0.9390	0.5498
25.6	0.9982	0.8747	0.9970	0.9947	0.7990	0.9734	0.9233	0.4860
25.7	0.9984	0.8878	0.9965	0.9960	0.7910	0.9713	0.9110	0.4529
25.8	0.9990	0.9412	0.9982	0.9967	0.8454	0.9905	0.9154	0.5112
25.9	0.9990	0.9505	0.9974	0.9969	0.8439	0.9913	0.9064	0.5530
26.0	0.9986	0.9629	0.9976	0.9973	0.8471	0.9945	0.8960	0.5061
26.1	0.9987	0.9684	0.9983	0.9958	0.7598	0.9957	0.8595	0.3965
26.2	0.9988	0.9776	0.9977	0.9954	0.7572	0.9956	0.8381	0.3413
26.3	0.9989	0.9817	0.9980	0.9978	0.7608	0.9955	0.7807	0.2488
26.4	0.9987	0.9840	0.9980	0.9982	0.6776	0.9954	0.7958	0.2753
26.5	0.9986	0.9813	0.9968	0.9978	0.6694	0.9960	0.7944	0.2653
26.6	0.9986	0.9856	0.9961	0.9972	0.6432	0.9966	0.7715	0.1181
26.7	0.9984	0.9848	0.9960	0.9966	0.5488	0.9939	0.7227	0.0333
26.8	0.9985	0.9850	0.9951	0.9954	0.5856	0.9932	0.8125	0.1315
26.9	0.9984	0.9855	0.9945	0.9958	0.5984	0.9955	0.8043	0.1258
27.0	0.9979	0.9857	0.9940	0.9946	0.5302	0.9951	0.7388	0.0920
27.1	0.9983	0.9882	0.9942	0.9955	0.4274	0.9947	0.7156	0.1719
27.2	0.9984	0.9878	0.9922	0.9956	0.2752	0.9947	0.6431	0.1295
27.3	0.9987	0.9886	0.9934	0.9950	0.1355	0.9946	0.6901	0.3408
27.4	0.9980	0.9916	0.9942	0.9958	0.1324	0.9965	0.7011	0.4064
27.5	0.9979	0.9876	0.9882	0.9936	0.0818	0.9950	0.6893	0.3845
27.6	0.9979	0.9854	0.9772	0.9873	0.0804	0.9933	0.6374	0.4377
27.7	0.9985	0.9818	0.9670	0.9890	0.2516	0.9925	0.5633	0.5031
27.8	0.9982	0.9849	0.9741	0.9936	0.2726	0.9945	0.5577	0.5184
27.9	0.9984	0.9867	0.9743	0.9925	0.3859	0.9950	0.5744	0.5263
28.0	0.9984	0.9875	0.9720	0.9954	0.4543	0.9950	0.5912	0.5945
28.1	0.9975	0.9851	0.9523	0.9932	0.4958	0.9941	0.4806	0.6069
28.2	0.9960	0.9868	0.9446	0.9910	0.5726	0.9955	0.3312	0.5835
28.3	0.9967	0.9862	0.9767	0.9938	0.5661	0.9949	0.0955	0.5210
28.4	0.9975	0.9882	0.9847	0.9954	0.5425	0.9969	0.1341	0.5081
28.5	0.9971	0.9835	0.9875	0.9949	0.5626	0.9964	0.3220	0.6136
28.6	0.9978	0.9870	0.9900	0.9959	0.6728	0.9970	0.3326	0.5748
28.7	0.9979	0.9918	0.9941	0.9965	0.6471	0.9967	0.2829	0.6943
28.8	0.9979	0.9912	0.9941	0.9959	0.5884	0.9959	0.3862	0.6396
28.9	0.9978	0.9890	0.9939	0.9945	0.6135	0.9942	0.6121	0.6128
29.0	0.9980	0.9891	0.9948	0.9943	0.6675	0.9952	0.7152	0.6218
29.1	0.9969	0.9894	0.9932	0.9958	0.5972	0.9934	0.7482	0.5821
29.2	0.9970	0.9923	0.9951	0.9950	0.5177	0.9940	0.8298	0.6451
29.3	0.9975	0.9954	0.9960	0.9958	0.6944	0.9969	0.8584	0.7566
29.4	0.9969	0.9951	0.9964	0.9950	0.5652	0.9957	0.8567	0.7125
29.5	0.9978	0.9953	0.9966	0.9947	0.5207	0.9960	0.8787	0.6412
29.6	0.9971	0.9942	0.9964	0.9942	0.3868	0.9950	0.8683	0.5864
29.7	0.9957	0.9919	0.9948	0.9930	0.2394	0.9926	0.8755	0.4848
29.8	0.9956	0.9916	0.9946	0.9903	0.2971	0.9887	0.8416	0.5451
29.9	0.9965	0.9936	0.9897	0.9819	0.3541	0.9871	0.8751	0.5847
30.0	0.9958	0.9909	0.9893	0.9815	0.3905	0.9846	0.9065	0.5327
30.1	0.9962	0.9907	0.9949	0.9851	0.2980	0.9890	0.9330	0.5359
30.2	0.9967	0.9937	0.9958	0.9890	0.3215	0.9882	0.9273	0.6061
30.3	0.9956	0.9916	0.9936	0.9889	0.3264	0.9845	0.9298	0.4629
30.4	0.9944	0.9894	0.9946	0.9882	0.4278	0.9857	0.9299	0.3704
30.5	0.9939	0.9907	0.9965	0.9869	0.5762	0.9867	0.9384	0.4315
30.6	0.9938	0.9871	0.9963	0.9805	0.3977	0.9807	0.9049	0.3182
30.7	0.9921	0.9860	0.9951	0.9634	0.3099	0.9776	0.8982	0.2171
30.8	0.9891	0.9821	0.9932	0.9583	0.2699	0.9702	0.9061	0.2017
30.9	0.9923	0.9825	0.9937	0.9681	0.2954	0.9766	0.9342	0.2193
31.0	0.9900	0.9744	0.9924	0.9561	0.2961	0.9690	0.9185	0.2080
31.1	0.9869	0.9748	0.9922	0.9489	0.2875	0.9548	0.9048	0.1931
31.2	0.9839	0.9692	0.9922	0.9506	0.3171	0.9540	0.9265	0.1592
31.3	0.9854	0.9674	0.9913	0.9530	0.2266	0.9454	0.9169	0.1660
31.4	0.9840	0.9666	0.9922	0.9564	0.2037	0.9409	0.9131	0.2717
31.5	0.9814	0.9541	0.9914	0.9357	0.3288	0.9002	0.9103	0.1962
31.6	0.9749	0.9453	0.9871	0.9480	0.4958	0.8369	0.9030	0.1518
31.7	0.9737	0.9448	0.9819	0.9484	0.5060	0.7085	0.8925	0.1795
31.8	0.9584	0.9366	0.9801	0.9366	0.5785	0.5794	0.8869	0.3299
31.9	0.9211	0.9332	0.9733	0.9289	0.5899	0.3341	0.9075	0.4187
32.0	0.9045	0.9258	0.9662	0.9287	0.5893	0.3079	0.9117	0.3450
32.1	0.9221	0.9066	0.9717	0.9450	0.6969	0.6603	0.9256	0.4071
32.2	0.9175	0.9228	0.9747	0.9597	0.6632	0.7983	0.9050	0.4655
32.3	0.9074	0.9333	0.9711	0.9606	0.6444	0.8129	0.9138	0.4731
32.4	0.8623	0.9078	0.9538	0.9415	0.6186	0.7768	0.9247	0.4426
32.5	0.8353	0.8962	0.9381	0.9386	0.6454	0.7863	0.9157	0.4779
32.6	0.8389	0.9121	0.9375	0.9434	0.7369	0.8493	0.8971	0.4635
32.7	0.8311	0.9029	0.9330	0.9474	0.7476	0.8951	0.9372	0.4832
32.8	0.8062	0.9041	0.9328	0.9480	0.6655	0.9150	0.9413	0.5305
32.9	0.7863	0.8853	0.9083	0.9158	0.4955	0.8964	0.9132	0.4489
33.0	0.7828	0.8629	0.8599	0.8895	0.4774	0.8877	0.8941	0.3609
33.1	0.6763	0.7994	0.7902	0.8268	0.3316	0.8824	0.8747	0.2888
33.2	0.7483	0.8402	0.8174	0.8719	0.4145	0.9275	0.8825	0.4373
33.3	0.7796	0.8765	0.8420	0.8974	0.4829	0.9504	0.9097	0.3951
33.4	0.8032	0.8925	0.8714	0.9096	0.4830	0.9682	0.9267	0.4021
33.5	0.7991	0.8916	0.8756	0.8947	0.5002	0.9733	0.9233	0.6418
33.6	0.7930	0.8398	0.8640	0.8598	0.4635	0.9741	0.9137	0.6302
33.7	0.8197	0.8226	0.8939	0.8736	0.4568	0.9835	0.9233	0.7254

33.8	0.8131	0.8209	0.8900	0.8326	0.5083	0.9831	0.9241	0.7934
33.9	0.7792	0.7622	0.8938	0.7853	0.4494	0.9821	0.9366	0.7176
34.0	0.7866	0.6275	0.8911	0.7610	0.6079	0.9791	0.9198	0.6981
34.1	0.8339	0.5373	0.8968	0.7923	0.6520	0.9749	0.9114	0.6564
34.2	0.8174	0.3850	0.8776	0.7641	0.5939	0.9650	0.9183	0.6502
34.3	0.8515	0.4184	0.8922	0.8237	0.5890	0.9706	0.9176	0.6537
34.4	0.8851	0.2889	0.9120	0.8714	0.4987	0.9707	0.9294	0.6283
34.5	0.8775	0.1491	0.9002	0.8630	0.5401	0.9679	0.9329	0.5400
34.6	0.9028	0.1529	0.9022	0.8893	0.5404	0.9612	0.9014	0.4146
34.7	0.9274	0.2638	0.9218	0.9189	0.5688	0.9758	0.9124	0.4334
34.8	0.9188	0.2992	0.9145	0.9074	0.5427	0.9803	0.9069	0.5083
34.9	0.9442	0.3639	0.9327	0.9352	0.4582	0.9818	0.8928	0.5312
35.0	0.9486	0.4054	0.9265	0.9381	0.4266	0.9794	0.8804	0.5553
35.1	0.9577	0.7173	0.9384	0.9474	0.4718	0.9870	0.8711	0.6743
35.2	0.9685	0.8191	0.9485	0.9638	0.5156	0.9886	0.9058	0.6987
35.3	0.9681	0.8581	0.9469	0.9639	0.4523	0.9889	0.9446	0.7997
35.4	0.9708	0.9240	0.9518	0.9644	0.4278	0.9936	0.9564	0.8752
35.5	0.9744	0.9158	0.9476	0.9667	0.3697	0.9902	0.9556	0.8797
35.6	0.9698	0.9193	0.9307	0.9597	0.4054	0.9894	0.9440	0.8766
35.7	0.9794	0.9361	0.9409	0.9758	0.3363	0.9890	0.9524	0.8814
35.8	0.9831	0.9482	0.9528	0.9797	0.4802	0.9906	0.9608	0.9013
35.9	0.9844	0.9395	0.9514	0.9811	0.5028	0.9877	0.9643	0.8847
36.0	0.9874	0.9378	0.9513	0.9839	0.5672	0.9834	0.9717	0.8775
36.1	0.9908	0.9612	0.9609	0.9895	0.6674	0.9882	0.9761	0.9005
36.2	0.9903	0.9463	0.9583	0.9901	0.6573	0.9833	0.9773	0.8805
36.3	0.9888	0.9350	0.9595	0.9880	0.6907	0.9766	0.9720	0.8664
36.4	0.9915	0.9258	0.9662	0.9919	0.5786	0.9763	0.9776	0.8693
36.5	0.9931	0.9202	0.9689	0.9932	0.5950	0.9780	0.9783	0.8557
36.6	0.9942	0.9333	0.9669	0.9941	0.6077	0.9795	0.9787	0.8145
36.7	0.9917	0.8990	0.9489	0.9918	0.5776	0.9678	0.9767	0.7405
36.8	0.9909	0.8912	0.9422	0.9899	0.5508	0.9618	0.9779	0.8119
36.9	0.9914	0.8956	0.9423	0.9906	0.5048	0.9252	0.9738	0.7661
37.0	0.9917	0.8913	0.9394	0.9921	0.5210	0.9216	0.9770	0.8183
37.1	0.9923	0.8940	0.9215	0.9927	0.4482	0.9215	0.9786	0.8042
37.2	0.9926	0.9226	0.9296	0.9917	0.3942	0.9227	0.9670	0.7903
37.3	0.9896	0.9149	0.9307	0.9878	0.2997	0.9231	0.9684	0.8360
37.4	0.9948	0.9267	0.9336	0.9932	0.4730	0.9512	0.9832	0.8424
37.5	0.9947	0.9424	0.9193	0.9941	0.5374	0.9332	0.9790	0.7577
37.6	0.9943	0.9384	0.8668	0.9937	0.5452	0.9202	0.9673	0.6909
37.7	0.9929	0.9380	0.8400	0.9915	0.4721	0.9360	0.9658	0.7624
37.8	0.9953	0.9570	0.8389	0.9940	0.4631	0.9530	0.9768	0.7644
37.9	0.9937	0.9605	0.7534	0.9926	0.4786	0.9623	0.9713	0.7242
38.0	0.9937	0.9581	0.6736	0.9923	0.4014	0.9734	0.9566	0.6862
38.1	0.9922	0.9687	0.7725	0.9902	0.2174	0.9693	0.9481	0.4778
38.2	0.9932	0.9690	0.8489	0.9911	0.2257	0.9787	0.9370	0.5703
38.3	0.9917	0.9532	0.8626	0.9900	0.1259	0.9774	0.9343	0.5845
38.4	0.9907	0.9537	0.8931	0.9891	0.0990	0.9776	0.9363	0.4849
38.5	0.9900	0.9519	0.8944	0.9890	0.1052	0.9763	0.9383	0.4933
38.6	0.9905	0.9521	0.9278	0.9874	0.0659	0.9813	0.9319	0.6093
38.7	0.9936	0.9713	0.9534	0.9912	0.0906	0.9860	0.9622	0.7808
38.8	0.9919	0.9665	0.9526	0.9893	0.2049	0.9893	0.9545	0.7580
38.9	0.9875	0.9584	0.9471	0.9852	0.1937	0.9856	0.9442	0.7787
39.0	0.9908	0.9631	0.9589	0.9894	0.1965	0.9881	0.9470	0.8172
39.1	0.9917	0.9492	0.9550	0.9904	0.2690	0.9883	0.9440	0.8508
39.2	0.9904	0.9551	0.9653	0.9885	0.3629	0.9906	0.9276	0.8344
39.3	0.9905	0.9529	0.9674	0.9881	0.4714	0.9922	0.9231	0.7859
39.4	0.9908	0.9523	0.9648	0.9882	0.4693	0.9915	0.9301	0.7793
39.5	0.9887	0.9631	0.9659	0.9864	0.4651	0.9917	0.9313	0.7795
39.6	0.9882	0.9504	0.9684	0.9852	0.3660	0.9912	0.9172	0.7555
39.7	0.9879	0.9544	0.9676	0.9856	0.5060	0.9912	0.9143	0.8082
39.8	0.9821	0.9524	0.9697	0.9781	0.5542	0.9919	0.9176	0.8169
39.9	0.9814	0.9230	0.9694	0.9760	0.5756	0.9918	0.9098	0.7451
40.0	0.9853	0.9248	0.9716	0.9806	0.4992	0.9934	0.8987	0.7093
40.1	0.9867	0.8920	0.9640	0.9806	0.4074	0.9938	0.8501	0.5774
40.2	0.9906	0.9140	0.9759	0.9857	0.4281	0.9954	0.8770	0.6522
40.3	0.9856	0.9223	0.9721	0.9799	0.4956	0.9947	0.8878	0.6994
40.4	0.9773	0.8989	0.9687	0.9687	0.4673	0.9905	0.8590	0.6793
40.5	0.9807	0.8525	0.9738	0.9730	0.5023	0.9922	0.8626	0.6525
40.6	0.9793	0.8394	0.9695	0.9680	0.5271	0.9901	0.8438	0.6083
40.7	0.9746	0.8579	0.9669	0.9609	0.5831	0.9863	0.8725	0.6702
40.8	0.9746	0.8634	0.9488	0.9596	0.5427	0.9865	0.8222	0.6031
40.9	0.9783	0.8985	0.9500	0.9633	0.5899	0.9871	0.8411	0.6657
41.0	0.9817	0.9122	0.9584	0.9687	0.6882	0.9895	0.8738	0.7464
41.1	0.9842	0.9071	0.9558	0.9713	0.7057	0.9903	0.9067	0.8154
41.2	0.9729	0.8693	0.9470	0.9589	0.5255	0.9813	0.8575	0.7071
41.3	0.9781	0.8254	0.9252	0.9616	0.5423	0.9649	0.8302	0.6817
41.4	0.9740	0.8093	0.9282	0.9560	0.6458	0.9662	0.8634	0.7374
41.5	0.9682	0.8059	0.9484	0.9570	0.6672	0.9605	0.8620	0.7635
41.6	0.9684	0.6537	0.9467	0.9579	0.6805	0.9652	0.8784	0.7963
41.7	0.9733	0.8569	0.9604	0.9662	0.7082	0.9787	0.9075	0.8634
41.8	0.9746	0.9011	0.9448	0.9617	0.6919	0.9808	0.8711	0.8062
41.9	0.9712	0.8742	0.9175	0.9505	0.6669	0.9750	0.8320	0.7650
42.0	0.9705	0.8603	0.9340	0.9587	0.5127	0.9549	0.7938	0.6745
42.1	0.9764	0.8225	0.9200	0.9625	0.3768	0.9554	0.7457	0.6114
42.2	0.9749	0.7524	0.8967	0.9431	0.4990	0.9688	0.7141	0.6514
42.3	0.9690	0.7524	0.8790	0.9317	0.4824	0.9695	0.7522	0.6985

42.4	0.9726	0.8049	0.8718	0.9424	0.6650	0.9703	0.8125	0.7914
42.5	0.9714	0.8633	0.8828	0.9533	0.7025	0.9674	0.7961	0.8134
42.6	0.9627	0.8425	0.8938	0.9435	0.7142	0.9620	0.7290	0.7506
42.7	0.9702	0.8344	0.9137	0.9513	0.7432	0.9761	0.7720	0.8045
42.8	0.9645	0.7652	0.9256	0.9441	0.7206	0.9748	0.7190	0.7721
42.9	0.9650	0.8430	0.9203	0.9387	0.7681	0.9726	0.7266	0.7751
43.0	0.9765	0.8476	0.9304	0.9530	0.7349	0.9729	0.7132	0.7784
43.1	0.9749	0.8167	0.9350	0.9453	0.6824	0.9759	0.7094	0.7702
43.2	0.9703	0.6952	0.9070	0.9313	0.6105	0.9711	0.5870	0.6950
43.3	0.9618	0.7499	0.9063	0.9299	0.5388	0.8958	0.5979	0.6464
43.4	0.9505	0.8075	0.9327	0.9138	0.4849	0.8707	0.5853	0.7283
43.5	0.9482	0.8257	0.9236	0.9071	0.5529	0.9464	0.5632	0.8058
43.6	0.9486	0.8173	0.9099	0.8920	0.5633	0.9472	0.4434	0.8007
43.7	0.9447	0.8108	0.9121	0.8737	0.5447	0.9437	0.3633	0.7587
43.8	0.9549	0.8949	0.9062	0.9108	0.6148	0.9658	0.4718	0.8520
43.9	0.9332	0.8638	0.8736	0.8663	0.5942	0.9584	0.3786	0.8313
44.0	0.9292	0.8475	0.8816	0.8731	0.5779	0.9561	0.3089	0.8344
44.1	0.9146	0.8490	0.8626	0.8441	0.5471	0.9264	0.4434	0.8420
44.2	0.8988	0.8493	0.8052	0.8167	0.5168	0.9280	0.4495	0.8662
44.3	0.8726	0.8615	0.8239	0.7936	0.6077	0.9486	0.3631	0.8658
44.4	0.7538	0.7814	0.8358	0.5927	0.6452	0.9566	0.2139	0.8126
44.5	0.6293	0.7305	0.7991	0.4583	0.4787	0.9435	0.3403	0.7299
44.6	0.6948	0.7442	0.8620	0.5604	0.4878	0.9305	0.5552	0.7240
44.7	0.7616	0.8047	0.9349	0.6550	0.6364	0.8951	0.6564	0.8013
44.8	0.6799	0.6931	0.9286	0.5026	0.5953	0.9006	0.6631	0.8453
44.9	0.6105	0.8407	0.9391	0.4353	0.6314	0.9589	0.7477	0.8976
45.0	0.5178	0.8544	0.9129	0.2784	0.6731	0.9596	0.7152	0.9021
45.1	0.4002	0.8764	0.9217	0.2499	0.6617	0.9616	0.7278	0.8985
45.2	0.3488	0.8894	0.9265	0.3338	0.6608	0.9670	0.7721	0.9076
45.3	0.2630	0.8707	0.8747	0.3257	0.5519	0.9672	0.7566	0.8931
45.4	0.1887	0.8284	0.8196	0.3165	0.5037	0.9541	0.7015	0.8412
45.5	0.4304	0.8249	0.8609	0.5031	0.4226	0.8307	0.6371	0.8002
45.6	0.6243	0.8776	0.8849	0.6500	0.4607	0.9141	0.7029	0.8777
45.7	0.6576	0.8782	0.9067	0.6821	0.4875	0.9675	0.7170	0.9160
45.8	0.7426	0.8821	0.9015	0.7673	0.5333	0.9639	0.7519	0.9110
45.9	0.7074	0.8837	0.8843	0.7452	0.5591	0.9618	0.7027	0.8933
46.0	0.7276	0.9218	0.9083	0.7765	0.6055	0.9763	0.7134	0.9169
46.1	0.7092	0.9184	0.8763	0.7589	0.4097	0.9762	0.7831	0.9202
46.2	0.7924	0.9435	0.9014	0.8322	0.3771	0.9858	0.8177	0.9378
46.3	0.8200	0.9469	0.9303	0.8493	0.4331	0.9805	0.7659	0.9387
46.4	0.8844	0.9363	0.9352	0.8934	0.4678	0.9814	0.7070	0.9339
46.5	0.9133	0.9470	0.9419	0.9217	0.3509	0.9846	0.7368	0.9398
46.6	0.9137	0.9621	0.9196	0.9222	0.5014	0.9855	0.8044	0.9575
46.7	0.8746	0.9429	0.8246	0.8859	0.3619	0.9772	0.6821	0.9401
46.8	0.8654	0.9240	0.8922	0.8735	0.3046	0.9772	0.6438	0.9207
46.9	0.9209	0.9359	0.9275	0.9247	0.3972	0.9916	0.7117	0.9388
47.0	0.9310	0.9471	0.9092	0.9343	0.3435	0.9901	0.6599	0.9454
47.1	0.9415	0.9652	0.9262	0.9416	0.3901	0.9911	0.7148	0.9595
47.2	0.9492	0.9517	0.9483	0.9477	0.4214	0.9830	0.7973	0.9481
47.3	0.9498	0.9513	0.9395	0.9477	0.3764	0.9840	0.8304	0.9407
47.4	0.9588	0.9472	0.9173	0.9551	0.3877	0.9797	0.8434	0.9519
47.5	0.9625	0.9422	0.9186	0.9557	0.4469	0.9687	0.7811	0.9398
47.6	0.9436	0.9038	0.8613	0.9355	0.3317	0.9520	0.6196	0.8765
47.7	0.9422	0.9170	0.8699	0.9419	0.1553	0.9611	0.6468	0.8778
47.8	0.9574	0.9333	0.8241	0.9574	0.2350	0.9494	0.6507	0.8596
47.9	0.9565	0.9540	0.7915	0.9558	0.2019	0.9743	0.7232	0.9110
48.0	0.9494	0.9533	0.6630	0.9506	0.1941	0.9693	0.6962	0.9170
48.1	0.9387	0.9546	0.3670	0.9523	0.1629	0.9567	0.5806	0.9217
48.2	0.9637	0.9384	0.7758	0.9665	0.1472	0.9515	0.5978	0.8914
48.3	0.9661	0.9353	0.8518	0.9649	0.1184	0.9545	0.6634	0.9069
48.4	0.9566	0.9068	0.8229	0.9542	0.1225	0.9155	0.6419	0.8728
48.5	0.9487	0.9221	0.8301	0.9471	0.1146	0.9350	0.6385	0.8497
48.6	0.9610	0.9647	0.9235	0.9638	0.1760	0.9748	0.5251	0.8874
48.7	0.9773	0.9625	0.9044	0.9746	0.1646	0.9380	0.4560	0.8343
48.8	0.9738	0.9563	0.8346	0.9772	0.1272	0.8935	0.3151	0.8771
48.9	0.9710	0.9522	0.8068	0.9761	0.0793	0.9588	0.0810	0.9142
49.0	0.9726	0.9609	0.8718	0.9759	0.0613	0.9688	0.0618	0.9124
49.1	0.9667	0.9688	0.8928	0.9707	0.1223	0.9699	0.0026	0.9092
49.2	0.9692	0.9762	0.8997	0.9744	0.1137	0.9675	0.1638	0.8880
49.3	0.9701	0.9672	0.8995	0.9703	0.1636	0.9689	0.2899	0.8908
49.4	0.9654	0.9718	0.8952	0.9715	0.0946	0.9673	0.3660	0.8979
49.5	0.9634	0.9809	0.8537	0.9721	0.2544	0.9579	0.4835	0.8937
49.6	0.9644	0.9525	0.8896	0.9722	0.2567	0.9478	0.5237	0.7722
49.7	0.9639	0.9474	0.8965	0.9754	0.0547	0.9238	0.7139	0.6141
49.8	0.9526	0.9666	0.8833	0.9687	0.0870	0.8875	0.8080	0.7602
49.9	0.9576	0.9773	0.8118	0.9681	0.0060	0.9173	0.7874	0.8541
50.0	0.9685	0.9730	0.9117	0.9741	0.0441	0.9354	0.7893	0.8598
50.1	0.9628	0.9619	0.9224	0.9643	0.0726	0.9402	0.7532	0.8819
50.2	0.9666	0.9720	0.9057	0.9777	0.1462	0.9533	0.6789	0.9046
50.3	0.9605	0.9696	0.8996	0.9685	0.1808	0.9224	0.6200	0.8807
50.4	0.9576	0.9658	0.9152	0.9633	0.2203	0.9088	0.6050	0.8762
50.5	0.9447	0.9755	0.8656	0.9595	0.1568	0.8889	0.5584	0.8844
50.6	0.9405	0.9654	0.8252	0.9527	0.2504	0.8946	0.6065	0.9089
50.7	0.9438	0.9718	0.8116	0.9515	0.1978	0.9187	0.6241	0.9138
50.8	0.9210	0.9250	0.8804	0.9294	0.0868	0.9103	0.6349	0.8823
50.9	0.9428	0.9560	0.9392	0.9531	0.1050	0.9139	0.6522	0.8774

51.0	0.9368	0.9712	0.9043	0.9563	0.1303	0.9010	0.6236	0.8825
51.1	0.9490	0.9801	0.9210	0.9680	0.2872	0.8757	0.6698	0.8763
51.2	0.9448	0.9724	0.8831	0.9570	0.1924	0.8642	0.6588	0.8780
51.3	0.9302	0.9744	0.8844	0.9296	0.1611	0.8501	0.6431	0.8607
51.4	0.9289	0.9567	0.9314	0.9228	0.2174	0.8518	0.6052	0.7745
51.5	0.8975	0.9394	0.9428	0.8943	0.1719	0.7359	0.6409	0.7390
51.6	0.9119	0.9558	0.9560	0.9103	0.2903	0.7298	0.7700	0.8745
51.7	0.8928	0.9460	0.9125	0.9092	0.4447	0.6991	0.6372	0.8498
51.8	0.8518	0.9474	0.8627	0.8759	0.3673	0.7229	0.5083	0.8238
51.9	0.8697	0.9207	0.8961	0.8848	0.2754	0.7526	0.6461	0.8914
52.0	0.9025	0.8908	0.9365	0.9296	0.3449	0.7107	0.6553	0.8917
52.1	0.8492	0.8834	0.9110	0.8851	0.4039	0.7561	0.6691	0.8840
52.2	0.8710	0.8678	0.9110	0.8947	0.4216	0.8380	0.6675	0.9011
52.3	0.8522	0.8735	0.9164	0.8644	0.5076	0.8352	0.6258	0.8987
52.4	0.8330	0.8709	0.9258	0.8260	0.5916	0.8005	0.5789	0.8744
52.5	0.8518	0.8700	0.9110	0.8559	0.4987	0.6950	0.5178	0.8047
52.6	0.8169	0.9241	0.7005	0.8456	0.4440	0.6472	0.4581	0.7989
52.7	0.8132	0.9448	0.7056	0.8198	0.5835	0.7932	0.4373	0.8289
52.8	0.8199	0.9106	0.7705	0.8067	0.5044	0.7159	0.3964	0.7273
52.9	0.8053	0.9197	0.7940	0.8351	0.5738	0.7276	0.4468	0.7176
53.0	0.7727	0.8846	0.8603	0.8353	0.6171	0.6812	0.5824	0.7852
53.1	0.8418	0.8630	0.8733	0.8463	0.6075	0.6099	0.5544	0.8056
53.2	0.8566	0.8830	0.7923	0.8230	0.6361	0.6569	0.5613	0.8329
53.3	0.8577	0.8787	0.6404	0.8660	0.6667	0.7015	0.5643	0.8306
53.4	0.8522	0.8394	0.5092	0.8778	0.6390	0.7309	0.6104	0.8020
53.5	0.7892	0.8077	0.4382	0.8395	0.6045	0.6850	0.5366	0.7419
53.6	0.8148	0.7921	0.5575	0.7952	0.5610	0.6149	0.4812	0.7445
53.7	0.8270	0.7716	0.4163	0.7374	0.4489	0.5186	0.3869	0.7414
53.8	0.8828	0.8547	0.3434	0.8011	0.6234	0.6834	0.5612	0.7717
53.9	0.8942	0.8349	0.1330	0.8467	0.6786	0.6947	0.4751	0.7954
54.0	0.8750	0.7984	0.0950	0.8581	0.5974	0.7236	0.4385	0.7919
54.1	0.8851	0.8601	0.0420	0.8915	0.7099	0.7669	0.4437	0.8061
54.2	0.8976	0.8715	0.0475	0.9093	0.7138	0.7807	0.5555	0.8001
54.3	0.9091	0.8664	0.0277	0.9156	0.7341	0.7700	0.5288	0.7628
54.4	0.9216	0.8896	0.1579	0.9295	0.7791	0.7475	0.5677	0.8207
54.5	0.9237	0.8818	0.2907	0.9393	0.7472	0.7546	0.5025	0.8049
54.6	0.9133	0.8628	0.3951	0.9322	0.7316	0.7792	0.5040	0.7849
54.7	0.9165	0.8801	0.5971	0.9472	0.8041	0.8247	0.5201	0.8235
54.8	0.9202	0.8483	0.5729	0.9538	0.7642	0.7470	0.5055	0.7778
54.9	0.9482	0.8803	0.5630	0.9643	0.7523	0.7406	0.5212	0.7760
55.0	0.9472	0.8672	0.5169	0.9641	0.7666	0.6940	0.4493	0.7836
55.1	0.9335	0.8621	0.5335	0.9556	0.7832	0.6934	0.4467	0.7582
55.2	0.9324	0.8558	0.5345	0.9349	0.7240	0.6403	0.4032	0.7074
55.3	0.9543	0.8594	0.5914	0.9581	0.7453	0.6228	0.5169	0.7532
55.4	0.9640	0.8783	0.5317	0.9701	0.6891	0.5688	0.4632	0.7412
55.5	0.9491	0.8429	0.4842	0.9560	0.6360	0.5460	0.3028	0.7094
55.6	0.9456	0.8066	0.4473	0.9544	0.6448	0.4647	0.1916	0.6358
55.7	0.9649	0.8388	0.4348	0.9766	0.6817	0.4400	0.3172	0.6497
55.8	0.9651	0.8172	0.3278	0.9743	0.6223	0.3606	0.2237	0.4721
55.9	0.9677	0.7671	0.2046	0.9708	0.5250	0.2302	0.1190	0.2927
56.0	0.9660	0.7770	0.3064	0.9660	0.4958	0.1607	0.2299	0.3876
56.1	0.9693	0.6835	0.3655	0.9698	0.4462	0.0440	0.2205	0.3368
56.2	0.9802	0.7223	0.3427	0.9725	0.4210	0.0738	0.2117	0.3138
56.3	0.9827	0.7530	0.4473	0.9803	0.3040	0.0738	0.3937	0.3680
56.4	0.9831	0.6894	0.3679	0.9796	0.2259	0.0012	0.3286	0.3527
56.5	0.9825	0.6136	0.3432	0.9833	0.2536	0.0164	0.3105	0.2907
56.6	0.9841	0.6074	0.4104	0.9840	0.2290	0.0607	0.2529	0.4314
56.7	0.9829	0.5661	0.4474	0.9866	0.3012	0.1125	0.2925	0.4468
56.8	0.9847	0.5031	0.4501	0.9853	0.1357	0.1888	0.3623	0.3886
56.9	0.9818	0.4243	0.5588	0.9858	0.0346	0.3154	0.4492	0.4549
57.0	0.9809	0.4440	0.5805	0.9852	0.0210	0.4164	0.4339	0.4748
57.1	0.9831	0.5661	0.7241	0.9877	0.0492	0.5142	0.5314	0.4805
57.2	0.9856	0.3125	0.7140	0.9846	0.0634	0.6435	0.4737	0.4801
57.3	0.9853	0.2029	0.7300	0.9850	0.0301	0.6881	0.5266	0.5770
57.4	0.9841	0.3499	0.7420	0.9826	0.0405	0.7380	0.5598	0.6251
57.5	0.9866	0.4124	0.7494	0.9792	0.1441	0.7631	0.5489	0.6287
57.6	0.9839	0.4534	0.7834	0.9789	0.1510	0.7891	0.5632	0.6431
57.7	0.9823	0.4020	0.7351	0.9714	0.0890	0.7434	0.4704	0.6783
57.8	0.9845	0.5530	0.7729	0.9755	0.1866	0.8150	0.5416	0.6807
57.9	0.9889	0.6548	0.8256	0.9820	0.2585	0.8436	0.6053	0.7727
58.0	0.9889	0.6923	0.8218	0.9794	0.3657	0.8898	0.6146	0.8479
58.1	0.9898	0.7247	0.8166	0.9794	0.4254	0.9104	0.5907	0.8516
58.2	0.9887	0.8027	0.8265	0.9773	0.3036	0.8731	0.5777	0.7456
58.3	0.9863	0.6577	0.7643	0.9672	0.3064	0.8172	0.5627	0.7058
58.4	0.9874	0.7181	0.7613	0.9743	0.4383	0.8330	0.6138	0.7642
58.5	0.9893	0.7594	0.7996	0.9790	0.3435	0.8873	0.5547	0.7004
58.6	0.9900	0.7572	0.8460	0.9758	0.2844	0.9006	0.5066	0.6765
58.7	0.9890	0.7773	0.8466	0.9782	0.3127	0.9078	0.5171	0.7268
58.8	0.9931	0.8338	0.8848	0.9790	0.4689	0.9249	0.6764	0.8048
58.9	0.9930	0.8283	0.8813	0.9757	0.3310	0.9266	0.7019	0.8118
59.0	0.9915	0.8086	0.8401	0.9740	0.2561	0.9172	0.6461	0.6661
59.1	0.9893	0.7688	0.7928	0.9689	0.2751	0.9139	0.5764	0.6679
59.2	0.9913	0.7877	0.8698	0.9724	0.2424	0.9199	0.6415	0.7244
59.3	0.9925	0.8096	0.8945	0.9742	0.1171	0.9268	0.6850	0.7121
59.4	0.9945	0.8224	0.8619	0.9733	0.1061	0.9315	0.6045	0.6216
59.5	0.9941	0.8054	0.8974	0.9709	0.1899	0.9380	0.5984	0.6415

59.6	0.9899	0.7418	0.8889	0.9608	0.1850	0.9324	0.6318	0.6968
59.7	0.9935	0.8222	0.9269	0.9727	0.2299	0.9504	0.7667	0.7943
59.8	0.9929	0.7647	0.8943	0.9704	0.1860	0.9438	0.7048	0.7330
59.9	0.9927	0.7558	0.8535	0.9677	0.1347	0.9585	0.6403	0.6407
60.0	0.9933	0.7110	0.8083	0.9666	0.2544	0.9630	0.6319	0.7682
60.1	0.9938	0.7143	0.8886	0.9673	0.2645	0.9434	0.7356	0.7846
60.2	0.9938	0.6921	0.9154	0.9665	0.3098	0.9480	0.7137	0.7404
60.3	0.9945	0.6700	0.9168	0.9745	0.2971	0.9566	0.6629	0.6823
60.4	0.9943	0.6081	0.9353	0.9741	0.3289	0.9593	0.6778	0.6781
60.5	0.9950	0.6209	0.9519	0.9693	0.4182	0.9645	0.7107	0.7057
60.6	0.9953	0.7205	0.9420	0.9776	0.4522	0.9581	0.7262	0.7416
60.7	0.9956	0.7489	0.9504	0.9826	0.3406	0.9625	0.7308	0.7295
60.8	0.9961	0.7203	0.9563	0.9770	0.3202	0.9675	0.6986	0.6884
60.9	0.9953	0.6333	0.9517	0.9701	0.2149	0.9720	0.6765	0.6664
61.0	0.9947	0.5649	0.9506	0.9720	0.3038	0.9712	0.6673	0.6367
61.1	0.9951	0.6817	0.9577	0.9736	0.3655	0.9723	0.6560	0.6943
61.2	0.9945	0.6867	0.9515	0.9712	0.2580	0.9624	0.6850	0.7276
61.3	0.9952	0.6994	0.9619	0.9786	0.2110	0.9690	0.6052	0.7472
61.4	0.9957	0.7702	0.9684	0.9836	0.3070	0.9775	0.6427	0.7172
61.5	0.9945	0.7352	0.9648	0.9776	0.1044	0.9707	0.6248	0.7069
61.6	0.9957	0.7204	0.9640	0.9781	0.1510	0.9731	0.5985	0.7309
61.7	0.9945	0.7498	0.9695	0.9825	0.0615	0.9768	0.6102	0.6967
61.8	0.9941	0.7856	0.9771	0.9842	0.0816	0.9808	0.6795	0.7432
61.9	0.9955	0.8165	0.9732	0.9817	0.0949	0.9787	0.6451	0.7648
62.0	0.9947	0.7480	0.9708	0.9754	0.1197	0.9712	0.5725	0.7613
62.1	0.9962	0.7838	0.9760	0.9853	0.2302	0.9814	0.6564	0.7561
62.2	0.9947	0.8564	0.9758	0.9884	0.1321	0.9821	0.6343	0.7433
62.3	0.9931	0.8670	0.9730	0.9865	0.0895	0.9787	0.6213	0.7181
62.4	0.9914	0.8050	0.9643	0.9860	0.0619	0.9782	0.4840	0.6640
62.5	0.9961	0.8791	0.9778	0.9904	0.2241	0.9855	0.6237	0.7073
62.6	0.9926	0.8745	0.9748	0.9863	0.2079	0.9821	0.5680	0.6236
62.7	0.9915	0.8760	0.9782	0.9898	0.3248	0.9870	0.5582	0.7597
62.8	0.9910	0.8513	0.9739	0.9889	0.2744	0.9838	0.5420	0.7813
62.9	0.9936	0.9087	0.9775	0.9891	0.2422	0.9846	0.5566	0.7151
63.0	0.9919	0.8828	0.9796	0.9884	0.2418	0.9822	0.6687	0.6961
63.1	0.9884	0.8547	0.9735	0.9850	0.2138	0.9800	0.6381	0.7226
63.2	0.9921	0.9102	0.9816	0.9895	0.2787	0.9841	0.6354	0.7367
63.3	0.9946	0.9137	0.9865	0.9896	0.3305	0.9874	0.6395	0.7243
63.4	0.9931	0.8861	0.9871	0.9853	0.3318	0.9883	0.6882	0.7096
63.5	0.9918	0.9001	0.9819	0.9861	0.1666	0.9856	0.6676	0.6677
63.6	0.9900	0.8895	0.9787	0.9878	0.2165	0.9824	0.6359	0.6295
63.7	0.9891	0.8824	0.9771	0.9881	0.2420	0.9840	0.6286	0.6943
63.8	0.9908	0.8872	0.9792	0.9883	0.2636	0.9863	0.6851	0.7476
63.9	0.9921	0.8871	0.9797	0.9895	0.3248	0.9843	0.6323	0.8019
64.0	0.9932	0.9236	0.9840	0.9894	0.4146	0.9858	0.6521	0.7683
64.1	0.9929	0.9213	0.9845	0.9865	0.3880	0.9853	0.7182	0.7604
64.2	0.9898	0.8970	0.9784	0.9858	0.2495	0.9827	0.6901	0.7023
64.3	0.9937	0.9315	0.9853	0.9919	0.3665	0.9885	0.7428	0.7834
64.4	0.9945	0.9379	0.9866	0.9890	0.4939	0.9869	0.7656	0.7689
64.5	0.9912	0.9054	0.9798	0.9823	0.5541	0.9790	0.7218	0.7525
64.6	0.9937	0.9300	0.9864	0.9881	0.3992	0.9853	0.6959	0.8192
64.7	0.9927	0.9227	0.9797	0.9886	0.4066	0.9820	0.7419	0.8378
64.8	0.9906	0.9176	0.9759	0.9864	0.4162	0.9837	0.7374	0.8500
64.9	0.9919	0.8898	0.9824	0.9878	0.4296	0.9835	0.6623	0.8586
65.0	0.9926	0.8998	0.9829	0.9857	0.3973	0.9846	0.6756	0.8473
65.1	0.9935	0.9384	0.9858	0.9887	0.3553	0.9889	0.7019	0.8765
65.2	0.9883	0.9107	0.9740	0.9822	0.1982	0.9803	0.6618	0.8348
65.3	0.9883	0.8864	0.9699	0.9866	0.2614	0.9785	0.6715	0.8523
65.4	0.9902	0.8898	0.9639	0.9852	0.3626	0.9791	0.7598	0.8610
65.5	0.9890	0.8961	0.9588	0.9794	0.4758	0.9756	0.6089	0.8590
65.6	0.9888	0.8811	0.9678	0.9871	0.3847	0.9809	0.6373	0.8897
65.7	0.9895	0.8671	0.9696	0.9859	0.4702	0.9804	0.5784	0.8917
65.8	0.9897	0.8768	0.9688	0.9870	0.4823	0.9788	0.6697	0.9084
65.9	0.9919	0.8801	0.9710	0.9894	0.4117	0.9799	0.6525	0.9042
66.0	0.9940	0.8538	0.9767	0.9915	0.3178	0.9827	0.5337	0.9143
66.1	0.9928	0.8326	0.9773	0.9917	0.3866	0.9872	0.4696	0.9328
66.2	0.9911	0.8138	0.9722	0.9890	0.2543	0.9856	0.5919	0.9198
66.3	0.9897	0.7749	0.9755	0.9890	0.2509	0.9838	0.6008	0.9288
66.4	0.9913	0.8142	0.9656	0.9898	0.4279	0.9816	0.6329	0.9386
66.5	0.9914	0.8005	0.9655	0.9876	0.4423	0.9836	0.6381	0.9284
66.6	0.9899	0.7296	0.9681	0.9859	0.3182	0.9826	0.5252	0.9091
66.7	0.9900	0.7321	0.9702	0.9899	0.3764	0.9847	0.5509	0.9162
66.8	0.9911	0.7344	0.9776	0.9920	0.2786	0.9864	0.6183	0.9398
66.9	0.9875	0.6902	0.9678	0.9891	0.2707	0.9868	0.5289	0.9227
67.0	0.9918	0.6801	0.9702	0.9932	0.5107	0.9864	0.5174	0.9344
67.1	0.9925	0.7047	0.9706	0.9923	0.5381	0.9881	0.5271	0.9491
67.2	0.9918	0.7210	0.9712	0.9888	0.5122	0.9842	0.4800	0.9368
67.3	0.9928	0.7583	0.9687	0.9912	0.3898	0.9843	0.4907	0.9284
67.4	0.9929	0.6761	0.9631	0.9898	0.3180	0.9827	0.4535	0.9310
67.5	0.9910	0.6815	0.9534	0.9825	0.2792	0.9813	0.4085	0.9287
67.6	0.9941	0.7214	0.9678	0.9901	0.4340	0.9872	0.4282	0.9389
67.7	0.9956	0.6929	0.9721	0.9912	0.5097	0.9864	0.4957	0.9268
67.8	0.9940	0.6591	0.9697	0.9889	0.5494	0.9848	0.5961	0.9325
67.9	0.9918	0.6981	0.9707	0.9841	0.5661	0.9839	0.5568	0.9285
68.0	0.9892	0.6573	0.9731	0.9809	0.5265	0.9832	0.5466	0.9290
68.1	0.9877	0.6123	0.9624	0.9796	0.4741	0.9765	0.5596	0.8984

68.2	0.9897	0.5887	0.9558	0.9814	0.5417	0.9735	0.4984	0.8958
68.3	0.9900	0.6913	0.9695	0.9868	0.5884	0.9820	0.5654	0.8997
68.4	0.9867	0.5511	0.9681	0.9810	0.5719	0.9777	0.4780	0.8272
68.5	0.9918	0.6739	0.9780	0.9849	0.6784	0.9816	0.4973	0.8696
68.6	0.9910	0.7633	0.9764	0.9879	0.6630	0.9791	0.4802	0.8601
68.7	0.9885	0.7666	0.9759	0.9804	0.6759	0.9798	0.5228	0.8613
68.8	0.9829	0.6667	0.9679	0.9732	0.7502	0.9782	0.4768	0.8416
68.9	0.9874	0.6993	0.9714	0.9777	0.7109	0.9801	0.5078	0.8187
69.0	0.9886	0.6921	0.9735	0.9728	0.6748	0.9823	0.4721	0.8134
69.1	0.9875	0.6552	0.9760	0.9781	0.7285	0.9824	0.5236	0.7843
69.2	0.9881	0.7305	0.9723	0.9801	0.6364	0.9823	0.5208	0.8072
69.3	0.9886	0.7825	0.9726	0.9750	0.6592	0.9801	0.5893	0.7915
69.4	0.9863	0.7540	0.9761	0.9743	0.6924	0.9802	0.5646	0.8357
69.5	0.9865	0.8253	0.9816	0.9754	0.7594	0.9857	0.6617	0.8396
69.6	0.9867	0.8586	0.9814	0.9748	0.7468	0.9879	0.6929	0.8287
69.7	0.9850	0.7871	0.9738	0.9686	0.7073	0.9841	0.6360	0.8209
69.8	0.9880	0.8046	0.9762	0.9721	0.7284	0.9867	0.5943	0.7791
69.9	0.9849	0.8400	0.9717	0.9720	0.7085	0.9817	0.5804	0.7216
70.0	0.9911	0.9133	0.9840	0.9787	0.8260	0.9881	0.7343	0.8165
70.1	0.9895	0.9039	0.9850	0.9801	0.8488	0.9880	0.7599	0.8377
70.2	0.9892	0.9206	0.9844	0.9793	0.8224	0.9883	0.6828	0.8563
70.3	0.9833	0.9144	0.9797	0.9738	0.8304	0.9838	0.6943	0.8235
70.4	0.9801	0.9109	0.9776	0.9731	0.8364	0.9810	0.6469	0.8153
70.5	0.9826	0.9117	0.9797	0.9765	0.8108	0.9842	0.4568	0.8923
70.6	0.9845	0.9414	0.9816	0.9754	0.8037	0.9857	0.5093	0.9159
70.7	0.9876	0.9534	0.9823	0.9780	0.7860	0.9860	0.4757	0.9074
70.8	0.9850	0.9381	0.9829	0.9758	0.8122	0.9835	0.3794	0.9022
70.9	0.9855	0.9451	0.9811	0.9791	0.8303	0.9831	0.4322	0.9006
71.0	0.9828	0.9330	0.9764	0.9744	0.8208	0.9785	0.5192	0.9116
71.1	0.9777	0.9179	0.9759	0.9696	0.7964	0.9769	0.6075	0.9214
71.2	0.9752	0.9163	0.9747	0.9677	0.7949	0.9734	0.5538	0.9179
71.3	0.9749	0.8923	0.9753	0.9697	0.8299	0.9733	0.5729	0.9194
71.4	0.9827	0.9132	0.9811	0.9774	0.8548	0.9797	0.5616	0.9274
71.5	0.9785	0.8967	0.9812	0.9735	0.8438	0.9790	0.5819	0.9249
71.6	0.9767	0.9134	0.9816	0.9710	0.8465	0.9792	0.6401	0.9325
71.7	0.9835	0.9461	0.9845	0.9789	0.8770	0.9833	0.6777	0.9373
71.8	0.9766	0.9260	0.9746	0.9726	0.8841	0.9707	0.5889	0.9373
71.9	0.9777	0.9285	0.9778	0.9736	0.8824	0.9740	0.5983	0.9450
72.0	0.9871	0.9445	0.9864	0.9832	0.9289	0.9839	0.6253	0.9465
72.1	0.9924	0.9650	0.9895	0.9899	0.9397	0.9886	0.6996	0.9569
72.2	0.9893	0.9574	0.9844	0.9860	0.9164	0.9834	0.6013	0.9541
72.3	0.9820	0.9455	0.9786	0.9769	0.8932	0.9755	0.5969	0.9426
72.4	0.9843	0.9363	0.9799	0.9794	0.8876	0.9767	0.6148	0.9407
72.5	0.9833	0.9294	0.9752	0.9763	0.8383	0.9718	0.5050	0.9443
72.6	0.9796	0.9246	0.9682	0.9739	0.8237	0.9687	0.3260	0.9162
72.7	0.9793	0.9342	0.9668	0.9739	0.8964	0.9664	0.3823	0.9020
72.8	0.9855	0.9511	0.9771	0.9816	0.8708	0.9768	0.5932	0.9074
72.9	0.9884	0.9491	0.9806	0.9848	0.8795	0.9820	0.4567	0.9337
73.0	0.9910	0.9594	0.9837	0.9855	0.8956	0.9829	0.5304	0.9300
73.1	0.9896	0.9563	0.9826	0.9815	0.8779	0.9807	0.4976	0.9289
73.2	0.9852	0.9379	0.9747	0.9745	0.8263	0.9728	0.4338	0.9114
73.3	0.9870	0.9361	0.9765	0.9805	0.8097	0.9759	0.4412	0.9042
73.4	0.9881	0.9398	0.9772	0.9849	0.8521	0.9779	0.4641	0.9248
73.5	0.9899	0.9470	0.9803	0.9856	0.8718	0.9829	0.5537	0.9202
73.6	0.9916	0.9582	0.9727	0.9827	0.8673	0.9788	0.4981	0.9163
73.7	0.9883	0.9479	0.9658	0.9784	0.7875	0.9706	0.4502	0.9023
73.8	0.9842	0.9365	0.9671	0.9725	0.7923	0.9670	0.4911	0.8829
73.9	0.9876	0.9556	0.9783	0.9815	0.8470	0.9800	0.4699	0.9286
74.0	0.9875	0.9535	0.9746	0.9793	0.8182	0.9772	0.3586	0.9273
74.1	0.9872	0.9525	0.9720	0.9787	0.8233	0.9764	0.3536	0.9211
74.2	0.9884	0.9645	0.9744	0.9814	0.8779	0.9770	0.4201	0.9302
74.3	0.9915	0.9640	0.9737	0.9820	0.8823	0.9763	0.4602	0.9310
74.4	0.9918	0.9626	0.9703	0.9807	0.8690	0.9721	0.4233	0.9363
74.5	0.9899	0.9581	0.9664	0.9781	0.8813	0.9701	0.3681	0.9188
74.6	0.9865	0.9484	0.9586	0.9774	0.8667	0.9690	0.4047	0.9188
74.7	0.9853	0.9390	0.9480	0.9756	0.8039	0.9643	0.3381	0.9073
74.8	0.9858	0.9459	0.9601	0.9757	0.8199	0.9619	0.2034	0.9490
74.9	0.9857	0.9507	0.9540	0.9720	0.8181	0.9555	0.2867	0.9491
75.0	0.9856	0.9570	0.9463	0.9742	0.8242	0.9604	0.2837	0.9426
75.1	0.9850	0.9560	0.9490	0.9779	0.7979	0.9677	0.1731	0.9536
75.2	0.9831	0.9472	0.9385	0.9751	0.8287	0.9592	0.0894	0.9366
75.3	0.9829	0.9538	0.9409	0.9730	0.8103	0.9549	0.1655	0.9301
75.4	0.9810	0.9503	0.9452	0.9737	0.8419	0.9577	0.1934	0.9351
75.5	0.9788	0.9499	0.9139	0.9711	0.8506	0.9485	0.1516	0.9261
75.6	0.9772	0.9485	0.9026	0.9666	0.8066	0.9396	0.0692	0.9292
75.7	0.9717	0.9306	0.8757	0.9630	0.7998	0.9266	0.1569	0.9144
75.8	0.9720	0.9191	0.8715	0.9583	0.8151	0.9231	0.1489	0.8990
75.9	0.9749	0.9283	0.9139	0.9647	0.8090	0.9412	0.0480	0.9132
76.0	0.9715	0.9180	0.8848	0.9691	0.7830	0.9357	0.0758	0.8957
76.1	0.9719	0.9184	0.8681	0.9713	0.7493	0.9415	0.0930	0.9058
76.2	0.9733	0.9403	0.8809	0.9683	0.7968	0.9462	0.0450	0.9005
76.3	0.9843	0.9598	0.9184	0.9818	0.8441	0.9674	0.0667	0.9305
76.4	0.9781	0.9462	0.8794	0.9718	0.8263	0.9477	0.0597	0.9201
76.5	0.9718	0.9259	0.8480	0.9633	0.7782	0.9262	0.1020	0.9023
76.6	0.9755	0.9401	0.8833	0.9695	0.7693	0.9378	0.1326	0.8969
76.7	0.9747	0.9505	0.9141	0.9676	0.8035	0.9490	0.0274	0.8999

76.8	0.9823	0.9592	0.9333	0.9762	0.8243	0.9636	0.0702	0.9234
76.9	0.9755	0.9495	0.8846	0.9762	0.7279	0.9589	0.0970	0.8754
77.0	0.9613	0.9268	0.8114	0.9587	0.6808	0.9306	0.0722	0.8296
77.1	0.9740	0.9441	0.8696	0.9642	0.8085	0.9346	0.2212	0.8876
77.2	0.9659	0.9307	0.8564	0.9636	0.7643	0.9278	0.2245	0.8743
77.3	0.9677	0.9224	0.8244	0.9623	0.7157	0.9173	0.3007	0.8824
77.4	0.9722	0.9358	0.8479	0.9724	0.6966	0.9175	0.3491	0.8868
77.5	0.9632	0.9183	0.8315	0.9667	0.6051	0.9172	0.3782	0.8763
77.6	0.9698	0.9334	0.8747	0.9744	0.6857	0.9285	0.4416	0.9104
77.7	0.9693	0.9455	0.8728	0.9738	0.7458	0.9334	0.4792	0.9007
77.8	0.9521	0.9246	0.8193	0.9627	0.6963	0.9198	0.4234	0.8531
77.9	0.9566	0.9042	0.7791	0.9497	0.6595	0.9004	0.2742	0.8391
78.0	0.9688	0.9418	0.8200	0.9611	0.7008	0.9370	0.4849	0.8953
78.1	0.9645	0.9262	0.8119	0.9539	0.6130	0.8977	0.5251	0.8906
78.2	0.9335	0.8832	0.7084	0.9281	0.5714	0.8673	0.4607	0.8307
78.3	0.9347	0.8972	0.6933	0.9346	0.5428	0.8724	0.2917	0.8514
78.4	0.9392	0.9028	0.7137	0.9494	0.5741	0.9100	0.3823	0.8350
78.5	0.9403	0.9032	0.7440	0.9417	0.4500	0.8823	0.2136	0.8303
78.6	0.9496	0.9232	0.7455	0.9506	0.5209	0.8806	0.3037	0.8420
78.7	0.9368	0.8927	0.6630	0.9342	0.3867	0.8565	0.3345	0.8190
78.8	0.9368	0.8949	0.6010	0.9334	0.4212	0.8851	0.2082	0.8103
78.9	0.9160	0.8842	0.6975	0.9323	0.4728	0.8742	0.2878	0.7781
79.0	0.9145	0.8927	0.7202	0.9272	0.4691	0.8541	0.3532	0.7521
79.1	0.9399	0.9278	0.7215	0.9454	0.5522	0.8859	0.2131	0.7332
79.2	0.9187	0.9045	0.6406	0.9354	0.4928	0.8938	0.3093	0.7623
79.3	0.8987	0.8844	0.5655	0.9166	0.3306	0.8564	0.3071	0.7149
79.4	0.9278	0.9213	0.6655	0.9277	0.4712	0.8733	0.3163	0.7410
79.5	0.9181	0.9151	0.6903	0.9224	0.5713	0.8708	0.2844	0.7736
79.6	0.8949	0.8980	0.6020	0.8915	0.5459	0.8686	0.2469	0.7041
79.7	0.9098	0.9192	0.6685	0.8878	0.5700	0.8717	0.2126	0.6636
79.8	0.9015	0.9143	0.6744	0.8854	0.4705	0.8306	0.3150	0.6677
79.9	0.8836	0.8899	0.6463	0.8588	0.2857	0.8168	0.2927	0.6873
80.0	0.9214	0.9074	0.6215	0.8724	0.4167	0.8543	0.3333	0.6853

2.2.96 Run 8 – VT315-200 – Accels 41–47

Vertical shaking at 315° with extra 200 lb on shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.3899	0.3893	0.3060	0.3593	0.3920	0.3173	0.0953
0.1	0.0480	0.0360	0.0333	0.0421	0.0563	0.0407	0.0075
0.2	0.0218	0.0106	0.0195	0.0677	0.0151	0.0399	0.0206
0.3	0.0034	0.0164	0.0072	0.0402	0.0031	0.0415	0.0097
0.4	0.0126	0.0117	0.0351	0.0248	0.0001	0.0392	0.0505
0.5	0.0089	0.0042	0.0170	0.0069	0.0148	0.0282	0.0136
0.6	0.0116	0.0091	0.0088	0.0115	0.0316	0.0035	0.0244
0.7	0.0127	0.0009	0.0393	0.0150	0.0099	0.0236	0.0135
0.8	0.0219	0.0145	0.0037	0.0158	0.0076	0.0033	0.0130
0.9	0.0177	0.0801	0.0271	0.0561	0.0122	0.0221	0.0022
1.0	0.0439	0.0028	0.0238	0.0822	0.0474	0.0705	0.0139
1.1	0.0689	0.0011	0.1261	0.0760	0.0787	0.0904	0.0064
1.2	0.0358	0.0291	0.1861	0.0656	0.0788	0.0565	0.0024
1.3	0.0767	0.0260	0.3281	0.1413	0.0971	0.2139	0.0288
1.4	0.0195	0.0310	0.4422	0.0996	0.0758	0.2391	0.0501
1.5	0.0162	0.0198	0.4658	0.0480	0.0585	0.1946	0.0733
1.6	0.0202	0.1392	0.5870	0.1262	0.1184	0.2564	0.0414
1.7	0.1514	0.4243	0.6689	0.0182	0.4602	0.4810	0.1305
1.8	0.1795	0.7418	0.6437	0.0095	0.7728	0.6439	0.1620
1.9	0.2222	0.6967	0.7377	0.0343	0.6913	0.6319	0.3197
2.0	0.2650	0.5081	0.7832	0.3126	0.5166	0.6725	0.4966
2.1	0.2332	0.3804	0.7912	0.3876	0.3791	0.6856	0.3631
2.2	0.3685	0.2142	0.8615	0.2843	0.2138	0.6019	0.2115
2.3	0.3204	0.2941	0.9406	0.3105	0.2871	0.8581	0.3012
2.4	0.1063	0.5997	0.8978	0.1380	0.6028	0.8696	0.5569
2.5	0.0665	0.5212	0.8912	0.0701	0.4581	0.8592	0.2846
2.6	0.1793	0.6098	0.9534	0.1822	0.6147	0.9330	0.4052
2.7	0.4748	0.7506	0.9547	0.4195	0.7791	0.9458	0.5280
2.8	0.2618	0.7394	0.9446	0.2340	0.7489	0.9351	0.2455
2.9	0.1094	0.5593	0.9559	0.1904	0.4025	0.9437	0.1895
3.0	0.1231	0.4373	0.9663	0.0981	0.3740	0.9627	0.1698
3.1	0.1177	0.3138	0.9668	0.0071	0.3340	0.9594	0.0148
3.2	0.0868	0.2416	0.9648	0.0495	0.1748	0.9516	0.0572
3.3	0.0198	0.3290	0.9660	0.0494	0.2449	0.9544	0.0785
3.4	0.0509	0.3361	0.9619	0.0243	0.2228	0.9477	0.0472
3.5	0.0776	0.2544	0.9482	0.0127	0.2311	0.9261	0.0078
3.6	0.0318	0.1231	0.9065	0.0020	0.1697	0.8755	0.0592
3.7	0.0269	0.2620	0.9442	0.0290	0.4190	0.9455	0.0232
3.8	0.0306	0.6021	0.9890	0.0189	0.7338	0.9912	0.0119
3.9	0.0313	0.7033	0.9968	0.1627	0.7536	0.9970	0.0555
4.0	0.0228	0.6650	0.9959	0.1906	0.6791	0.9961	0.3447
4.1	0.1289	0.6602	0.9966	0.3075	0.6832	0.9969	0.5528
4.2	0.0667	0.5325	0.9966	0.1818	0.5149	0.9958	0.5211
4.3	0.1356	0.3478	0.9957	0.2828	0.3919	0.9965	0.5301
4.4	0.2130	0.4352	0.9944	0.3450	0.4790	0.9953	0.3511
4.5	0.2056	0.6625	0.9945	0.2993	0.5873	0.9955	0.3552
4.6	0.0510	0.5521	0.9928	0.1661	0.5082	0.9934	0.2277
4.7	0.1296	0.7639	0.9898	0.1837	0.7238	0.9927	0.2864
4.8	0.0617	0.8105	0.9899	0.0244	0.7783	0.9922	0.4479
4.9	0.0460	0.6933	0.9811	0.0437	0.6698	0.9880	0.1132
5.0	0.1252	0.4946	0.9942	0.1847	0.6061	0.9929	0.2629
5.1	0.1037	0.7471	0.9958	0.1505	0.8088	0.9971	0.5191
5.2	0.1847	0.6158	0.9934	0.2948	0.6458	0.9974	0.3519
5.3	0.4503	0.4378	0.9918	0.4722	0.1900	0.9873	0.2279
5.4	0.5888	0.3151	0.9762	0.5882	0.0734	0.9688	0.3210
5.5	0.5400	0.2155	0.9873	0.5420	0.0904	0.9870	0.3798
5.6	0.7226	0.5571	0.9951	0.7240	0.5990	0.9954	0.6239
5.7	0.7784	0.8367	0.9951	0.7846	0.8335	0.9956	0.5795
5.8	0.8643	0.9430	0.9960	0.8385	0.9402	0.9966	0.5089
5.9	0.8859	0.9438	0.9974	0.8585	0.9379	0.9975	0.4259
6.0	0.8653	0.9394	0.9937	0.8440	0.9186	0.9949	0.0567
6.1	0.9068	0.9629	0.9945	0.8976	0.9517	0.9950	0.7785
6.2	0.9533	0.9807	0.9958	0.9219	0.9720	0.9962	0.9084
6.3	0.9599	0.9790	0.9942	0.9230	0.9652	0.9944	0.9175
6.4	0.9399	0.9747	0.9939	0.9029	0.9661	0.9941	0.9428
6.5	0.9166	0.9430	0.9892	0.8898	0.9376	0.9896	0.9573
6.6	0.8933	0.9398	0.9895	0.8603	0.9176	0.9899	0.9483
6.7	0.9026	0.9530	0.9868	0.8944	0.9406	0.9872	0.9531
6.8	0.8636	0.9612	0.9707	0.8855	0.9501	0.9716	0.9619
6.9	0.8563	0.9658	0.9588	0.9033	0.9567	0.9598	0.9548
7.0	0.8074	0.9546	0.9382	0.8656	0.9304	0.9392	0.9150
7.1	0.8011	0.7050	0.9075	0.8381	0.6509	0.9083	0.9069
7.2	0.8515	0.6890	0.9276	0.8849	0.7715	0.9277	0.8416
7.3	0.9197	0.7877	0.9432	0.9324	0.8163	0.9429	0.6134
7.4	0.9213	0.8398	0.9227	0.9491	0.8647	0.9217	0.3778
7.5	0.9345	0.9247	0.9599	0.9580	0.9494	0.9589	0.5083
7.6	0.9513	0.9663	0.9766	0.9681	0.9791	0.9754	0.7704
7.7	0.9555	0.9861	0.9903	0.9757	0.9888	0.9896	0.8723
7.8	0.9537	0.9884	0.9973	0.9688	0.9895	0.9971	0.8936
7.9	0.9302	0.9833	0.9972	0.9517	0.9856	0.9971	0.9041

8.0	0.9545	0.9747	0.9936	0.9681	0.9790	0.9929	0.9378
8.1	0.9570	0.9873	0.9984	0.9682	0.9888	0.9983	0.9340
8.2	0.9620	0.9888	0.9979	0.9711	0.9881	0.9977	0.9470
8.3	0.9697	0.9868	0.9986	0.9768	0.9908	0.9985	0.9404
8.4	0.9715	0.9823	0.9987	0.9799	0.9886	0.9985	0.9420
8.5	0.9666	0.9767	0.9983	0.9772	0.9871	0.9981	0.9492
8.6	0.9743	0.9870	0.9985	0.9813	0.9904	0.9983	0.9315
8.7	0.9712	0.9893	0.9966	0.9786	0.9893	0.9964	0.9423
8.8	0.9823	0.9910	0.9966	0.9865	0.9919	0.9965	0.9571
8.9	0.9813	0.9890	0.9939	0.9842	0.9919	0.9936	0.9621
9.0	0.9797	0.9847	0.9854	0.9822	0.9883	0.9842	0.9630
9.1	0.9814	0.9824	0.9876	0.9842	0.9860	0.9868	0.9480
9.2	0.9692	0.9752	0.9652	0.9676	0.9823	0.9639	0.9013
9.3	0.9701	0.9765	0.9625	0.9662	0.9857	0.9605	0.9307
9.4	0.9553	0.9785	0.9405	0.9446	0.9842	0.9380	0.9497
9.5	0.9485	0.9874	0.9476	0.9394	0.9901	0.9460	0.9781
9.6	0.9186	0.9864	0.9167	0.9002	0.9885	0.9164	0.9721
9.7	0.9574	0.9925	0.9671	0.9408	0.9929	0.9683	0.9858
9.8	0.9624	0.9942	0.9756	0.9386	0.9937	0.9774	0.9898
9.9	0.9531	0.9948	0.9827	0.9280	0.9924	0.9854	0.9911
10.0	0.9351	0.9922	0.9843	0.9081	0.9884	0.9886	0.9927
10.1	0.9589	0.9952	0.9874	0.9273	0.9943	0.9915	0.9930
10.2	0.9700	0.9959	0.9802	0.9557	0.9957	0.9870	0.9898
10.3	0.9774	0.9972	0.9870	0.9716	0.9966	0.9909	0.9947
10.4	0.9678	0.9961	0.9767	0.9640	0.9955	0.9878	0.9932
10.5	0.9792	0.9968	0.9894	0.9828	0.9958	0.9962	0.9955
10.6	0.9812	0.9969	0.9859	0.9843	0.9963	0.9973	0.9955
10.7	0.9831	0.9967	0.9881	0.9807	0.9959	0.9980	0.9963
10.8	0.9822	0.9976	0.9900	0.9851	0.9976	0.9981	0.9973
10.9	0.9802	0.9965	0.9857	0.9836	0.9960	0.9978	0.9960
11.0	0.9888	0.9981	0.9872	0.9916	0.9976	0.9978	0.9970
11.1	0.9908	0.9980	0.9857	0.9914	0.9975	0.9977	0.9973
11.2	0.9911	0.9979	0.9859	0.9957	0.9981	0.9981	0.9972
11.3	0.9940	0.9979	0.9847	0.9958	0.9980	0.9975	0.9969
11.4	0.9928	0.9977	0.9831	0.9953	0.9976	0.9975	0.9972
11.5	0.9952	0.9975	0.9805	0.9952	0.9974	0.9978	0.9967
11.6	0.9953	0.9972	0.9792	0.9957	0.9971	0.9972	0.9962
11.7	0.9955	0.9970	0.9703	0.9957	0.9963	0.9968	0.9962
11.8	0.9965	0.9961	0.9741	0.9966	0.9965	0.9957	0.9958
11.9	0.9954	0.9945	0.9761	0.9954	0.9953	0.9957	0.9947
12.0	0.9952	0.9942	0.9747	0.9956	0.9950	0.9960	0.9946
12.1	0.9957	0.9951	0.9704	0.9969	0.9953	0.9965	0.9951
12.2	0.9947	0.9942	0.9580	0.9973	0.9946	0.9962	0.9942
12.3	0.9892	0.9927	0.9168	0.9956	0.9929	0.9951	0.9920
12.4	0.9899	0.9936	0.8612	0.9959	0.9939	0.9965	0.9935
12.5	0.9883	0.9943	0.8268	0.9973	0.9946	0.9973	0.9940
12.6	0.9876	0.9959	0.8421	0.9979	0.9963	0.9972	0.9957
12.7	0.9835	0.9958	0.8836	0.9976	0.9962	0.9964	0.9957
12.8	0.9922	0.9983	0.9343	0.9978	0.9984	0.9976	0.9975
12.9	0.9905	0.9977	0.9179	0.9962	0.9973	0.9952	0.9949
13.0	0.9906	0.9955	0.9301	0.9940	0.9951	0.9945	0.9931
13.1	0.9923	0.9926	0.9396	0.9929	0.9923	0.9937	0.9904
13.2	0.9949	0.9870	0.9380	0.9908	0.9866	0.9926	0.9856
13.3	0.9906	0.9682	0.8961	0.9810	0.9677	0.9860	0.9667
13.4	0.9869	0.9563	0.9027	0.9657	0.9564	0.9835	0.9567
13.5	0.9889	0.9548	0.9133	0.9618	0.9548	0.9890	0.9558
13.6	0.9874	0.9553	0.9324	0.9593	0.9557	0.9935	0.9557
13.7	0.9794	0.9586	0.9468	0.9536	0.9594	0.9954	0.9591
13.8	0.9716	0.9568	0.9509	0.9553	0.9579	0.9898	0.9569
13.9	0.9746	0.9845	0.9741	0.9684	0.9851	0.9820	0.9843
14.0	0.9633	0.9929	0.9685	0.9573	0.9932	0.9720	0.9918
14.1	0.9521	0.9966	0.9582	0.9460	0.9948	0.9646	0.9964
14.2	0.9505	0.9939	0.9541	0.9462	0.9911	0.9643	0.9952
14.3	0.9435	0.9903	0.9430	0.9400	0.9870	0.9581	0.9923
14.4	0.9707	0.9942	0.9670	0.9691	0.9925	0.9787	0.9955
14.5	0.9785	0.9947	0.9750	0.9773	0.9934	0.9845	0.9962
14.6	0.9846	0.9956	0.9797	0.9835	0.9946	0.9881	0.9968
14.7	0.9916	0.9973	0.9884	0.9908	0.9967	0.9931	0.9981
14.8	0.9926	0.9974	0.9874	0.9923	0.9967	0.9932	0.9979
14.9	0.9913	0.9947	0.9862	0.9897	0.9935	0.9933	0.9971
15.0	0.9952	0.9970	0.9878	0.9944	0.9963	0.9951	0.9987
15.1	0.9953	0.9958	0.9851	0.9939	0.9948	0.9942	0.9988
15.2	0.9965	0.9951	0.9841	0.9953	0.9941	0.9942	0.9991
15.3	0.9979	0.9954	0.9875	0.9972	0.9944	0.9961	0.9994
15.4	0.9980	0.9945	0.9830	0.9977	0.9929	0.9951	0.9993
15.5	0.9985	0.9931	0.9803	0.9982	0.9912	0.9948	0.9993
15.6	0.9984	0.9935	0.9827	0.9986	0.9920	0.9951	0.9994
15.7	0.9978	0.9909	0.9806	0.9981	0.9891	0.9950	0.9991
15.8	0.9976	0.9896	0.9830	0.9981	0.9880	0.9958	0.9993
15.9	0.9985	0.9919	0.9882	0.9988	0.9906	0.9973	0.9993
16.0	0.9980	0.9889	0.9880	0.9984	0.9877	0.9971	0.9990
16.1	0.9969	0.9834	0.9825	0.9981	0.9823	0.9957	0.9985
16.2	0.9984	0.9891	0.9911	0.9992	0.9889	0.9979	0.9989
16.3	0.9984	0.9906	0.9911	0.9993	0.9911	0.9978	0.9989
16.4	0.9985	0.9934	0.9902	0.9993	0.9933	0.9975	0.9989
16.5	0.9979	0.9950	0.9911	0.9984	0.9950	0.9979	0.9983

16.6	0.9985	0.9956	0.9913	0.9987	0.9958	0.9978	0.9988
16.7	0.9988	0.9963	0.9934	0.9993	0.9966	0.9982	0.9989
16.8	0.9983	0.9955	0.9882	0.9989	0.9960	0.9967	0.9985
16.9	0.9979	0.9957	0.9831	0.9984	0.9964	0.9963	0.9982
17.0	0.9981	0.9974	0.9887	0.9985	0.9979	0.9965	0.9988
17.1	0.9986	0.9985	0.9874	0.9986	0.9989	0.9975	0.9984
17.2	0.9991	0.9985	0.9892	0.9990	0.9987	0.9984	0.9986
17.3	0.9992	0.9987	0.9886	0.9991	0.9989	0.9983	0.9988
17.4	0.9992	0.9985	0.9889	0.9993	0.9989	0.9979	0.9984
17.5	0.9985	0.9987	0.9905	0.9988	0.9990	0.9977	0.9989
17.6	0.9987	0.9988	0.9918	0.9986	0.9988	0.9978	0.9989
17.7	0.9989	0.9986	0.9911	0.9984	0.9987	0.9978	0.9986
17.8	0.9984	0.9987	0.9905	0.9982	0.9986	0.9971	0.9982
17.9	0.9982	0.9987	0.9898	0.9981	0.9988	0.9964	0.9976
18.0	0.9985	0.9990	0.9908	0.9984	0.9990	0.9974	0.9981
18.1	0.9975	0.9982	0.9840	0.9977	0.9979	0.9976	0.9986
18.2	0.9976	0.9976	0.9848	0.9982	0.9971	0.9977	0.9981
18.3	0.9970	0.9977	0.9831	0.9973	0.9973	0.9969	0.9984
18.4	0.9964	0.9971	0.9713	0.9969	0.9968	0.9941	0.9982
18.5	0.9952	0.9963	0.9415	0.9955	0.9964	0.9927	0.9963
18.6	0.9934	0.9958	0.9291	0.9940	0.9956	0.9922	0.9947
18.7	0.9963	0.9964	0.9728	0.9966	0.9963	0.9961	0.9960
18.8	0.9978	0.9959	0.9862	0.9980	0.9959	0.9975	0.9974
18.9	0.9984	0.9961	0.9910	0.9983	0.9961	0.9979	0.9982
19.0	0.9983	0.9959	0.9912	0.9985	0.9952	0.9979	0.9984
19.1	0.9981	0.9956	0.9911	0.9982	0.9950	0.9975	0.9976
19.2	0.9981	0.9963	0.9906	0.9984	0.9959	0.9982	0.9979
19.3	0.9983	0.9968	0.9911	0.9987	0.9965	0.9984	0.9981
19.4	0.9980	0.9962	0.9912	0.9984	0.9956	0.9982	0.9980
19.5	0.9976	0.9949	0.9903	0.9982	0.9945	0.9983	0.9979
19.6	0.9974	0.9949	0.9894	0.9984	0.9946	0.9983	0.9979
19.7	0.9974	0.9957	0.9868	0.9984	0.9956	0.9984	0.9980
19.8	0.9972	0.9975	0.9841	0.9985	0.9974	0.9979	0.9981
19.9	0.9940	0.9937	0.9744	0.9966	0.9936	0.9974	0.9963
20.0	0.9964	0.9954	0.9790	0.9981	0.9953	0.9984	0.9976
20.1	0.9960	0.9956	0.9795	0.9979	0.9955	0.9983	0.9977
20.2	0.9952	0.9951	0.9793	0.9975	0.9950	0.9982	0.9972
20.3	0.9939	0.9941	0.9728	0.9974	0.9943	0.9975	0.9964
20.4	0.9952	0.9937	0.9825	0.9975	0.9939	0.9979	0.9976
20.5	0.9935	0.9902	0.9858	0.9966	0.9905	0.9984	0.9967
20.6	0.9958	0.9891	0.9903	0.9974	0.9895	0.9985	0.9965
20.7	0.9945	0.9861	0.9875	0.9963	0.9863	0.9982	0.9958
20.8	0.9944	0.9837	0.9867	0.9965	0.9839	0.9968	0.9950
20.9	0.9957	0.9827	0.9876	0.9975	0.9824	0.9970	0.9949
21.0	0.9959	0.9844	0.9922	0.9976	0.9840	0.9976	0.9956
21.1	0.9965	0.9859	0.9922	0.9973	0.9856	0.9973	0.9959
21.2	0.9956	0.9737	0.9889	0.9967	0.9729	0.9957	0.9912
21.3	0.9968	0.9779	0.9910	0.9968	0.9770	0.9972	0.9928
21.4	0.9968	0.9679	0.9916	0.9969	0.9672	0.9962	0.9911
21.5	0.9964	0.9548	0.9882	0.9963	0.9523	0.9938	0.9881
21.6	0.9969	0.9573	0.9892	0.9963	0.9555	0.9941	0.9862
21.7	0.9978	0.9653	0.9930	0.9975	0.9644	0.9958	0.9888
21.8	0.9974	0.9629	0.9901	0.9974	0.9615	0.9959	0.9895
21.9	0.9969	0.9686	0.9897	0.9972	0.9673	0.9964	0.9906
22.0	0.9962	0.9618	0.9910	0.9970	0.9599	0.9969	0.9867
22.1	0.9961	0.9566	0.9895	0.9975	0.9549	0.9960	0.9859
22.2	0.9971	0.9673	0.9899	0.9983	0.9662	0.9968	0.9882
22.3	0.9968	0.9703	0.9902	0.9982	0.9693	0.9972	0.9859
22.4	0.9967	0.9769	0.9931	0.9983	0.9760	0.9972	0.9879
22.5	0.9946	0.9669	0.9880	0.9980	0.9663	0.9956	0.9775
22.6	0.9952	0.9765	0.9880	0.9985	0.9764	0.9972	0.9817
22.7	0.9957	0.9789	0.9898	0.9988	0.9788	0.9981	0.9819
22.8	0.9961	0.9796	0.9894	0.9990	0.9794	0.9979	0.9804
22.9	0.9968	0.9787	0.9909	0.9988	0.9782	0.9969	0.9780
23.0	0.9968	0.9817	0.9894	0.9986	0.9816	0.9975	0.9755
23.1	0.9976	0.9904	0.9906	0.9989	0.9902	0.9987	0.9823
23.2	0.9983	0.9907	0.9931	0.9992	0.9903	0.9991	0.9822
23.3	0.9984	0.9894	0.9910	0.9992	0.9889	0.9989	0.9754
23.4	0.9982	0.9884	0.9880	0.9989	0.9877	0.9988	0.9696
23.5	0.9984	0.9912	0.9855	0.9990	0.9904	0.9991	0.9715
23.6	0.9988	0.9910	0.9880	0.9989	0.9906	0.9993	0.9721
23.7	0.9989	0.9922	0.9858	0.9991	0.9912	0.9994	0.9763
23.8	0.9988	0.9907	0.9835	0.9992	0.9893	0.9994	0.9781
23.9	0.9987	0.9909	0.9776	0.9989	0.9898	0.9994	0.9823
24.0	0.9982	0.9901	0.9479	0.9980	0.9886	0.9992	0.9827
24.1	0.9972	0.9870	0.9187	0.9973	0.9848	0.9990	0.9861
24.2	0.9962	0.9878	0.8738	0.9973	0.9868	0.9991	0.9815
24.3	0.9963	0.9876	0.8528	0.9967	0.9856	0.9992	0.9884
24.4	0.9975	0.9871	0.8952	0.9975	0.9847	0.9994	0.9905
24.5	0.9982	0.9914	0.9396	0.9981	0.9893	0.9994	0.9942
24.6	0.9986	0.9919	0.9642	0.9982	0.9898	0.9993	0.9945
24.7	0.9989	0.9924	0.9777	0.9988	0.9904	0.9992	0.9953
24.8	0.9988	0.9863	0.9775	0.9988	0.9829	0.9990	0.9953
24.9	0.9988	0.9858	0.9762	0.9987	0.9819	0.9988	0.9958
25.0	0.9989	0.9872	0.9865	0.9990	0.9823	0.9992	0.9970
25.1	0.9994	0.9887	0.9909	0.9991	0.9837	0.9993	0.9976

25.2	0.9992	0.9880	0.9893	0.9991	0.9836	0.9991	0.9970
25.3	0.9993	0.9913	0.9910	0.9994	0.9883	0.9992	0.9973
25.4	0.9993	0.9886	0.9896	0.9992	0.9837	0.9992	0.9973
25.5	0.9987	0.9821	0.9900	0.9989	0.9787	0.9988	0.9967
25.6	0.9971	0.9779	0.9855	0.9978	0.9690	0.9978	0.9954
25.7	0.9974	0.9740	0.9878	0.9978	0.9606	0.9979	0.9962
25.8	0.9990	0.9811	0.9935	0.9993	0.9718	0.9988	0.9977
25.9	0.9986	0.9771	0.9924	0.9990	0.9620	0.9983	0.9968
26.0	0.9989	0.9770	0.9927	0.9990	0.9574	0.9982	0.9967
26.1	0.9992	0.9791	0.9928	0.9993	0.9587	0.9987	0.9976
26.2	0.9994	0.9799	0.9920	0.9993	0.9671	0.9981	0.9963
26.3	0.9994	0.9819	0.9945	0.9993	0.9730	0.9982	0.9971
26.4	0.9993	0.9832	0.9954	0.9992	0.9723	0.9979	0.9972
26.5	0.9993	0.9798	0.9957	0.9993	0.9675	0.9969	0.9966
26.6	0.9993	0.9786	0.9969	0.9993	0.9638	0.9960	0.9966
26.7	0.9990	0.9690	0.9966	0.9986	0.9479	0.9959	0.9963
26.8	0.9991	0.9735	0.9969	0.9990	0.9550	0.9959	0.9957
26.9	0.9994	0.9738	0.9966	0.9994	0.9572	0.9954	0.9945
27.0	0.9993	0.9601	0.9959	0.9993	0.9336	0.9950	0.9940
27.1	0.9992	0.9631	0.9968	0.9992	0.9269	0.9953	0.9952
27.2	0.9990	0.9410	0.9960	0.9988	0.8782	0.9952	0.9946
27.3	0.9993	0.9527	0.9962	0.9992	0.9023	0.9951	0.9946
27.4	0.9991	0.9537	0.9964	0.9989	0.9075	0.9957	0.9955
27.5	0.9992	0.9603	0.9956	0.9989	0.9232	0.9937	0.9944
27.6	0.9983	0.9507	0.9932	0.9982	0.9035	0.9894	0.9906
27.7	0.9985	0.9606	0.9934	0.9985	0.9234	0.9872	0.9902
27.8	0.9985	0.9725	0.9937	0.9987	0.9479	0.9872	0.9913
27.9	0.9984	0.9766	0.9944	0.9983	0.9531	0.9886	0.9922
28.0	0.9982	0.9750	0.9953	0.9982	0.9525	0.9891	0.9930
28.1	0.9979	0.9752	0.9938	0.9978	0.9532	0.9847	0.9909
28.2	0.9980	0.9745	0.9945	0.9976	0.9455	0.9856	0.9914
28.3	0.9981	0.9715	0.9946	0.9977	0.9406	0.9860	0.9910
28.4	0.9980	0.9732	0.9943	0.9979	0.9491	0.9836	0.9886
28.5	0.9980	0.9733	0.9940	0.9977	0.9458	0.9811	0.9879
28.6	0.9982	0.9753	0.9942	0.9981	0.9484	0.9796	0.9885
28.7	0.9977	0.9732	0.9948	0.9979	0.9529	0.9853	0.9898
28.8	0.9972	0.9726	0.9952	0.9972	0.9482	0.9875	0.9895
28.9	0.9965	0.9678	0.9939	0.9970	0.9338	0.9851	0.9837
29.0	0.9972	0.9710	0.9926	0.9978	0.9434	0.9802	0.9785
29.1	0.9963	0.9620	0.9918	0.9965	0.9368	0.9790	0.9766
29.2	0.9967	0.9669	0.9919	0.9972	0.9420	0.9858	0.9768
29.3	0.9974	0.9750	0.9961	0.9979	0.9560	0.9882	0.9858
29.4	0.9968	0.9633	0.9957	0.9975	0.9412	0.9869	0.9802
29.5	0.9976	0.9719	0.9950	0.9980	0.9539	0.9883	0.9811
29.6	0.9972	0.9680	0.9940	0.9976	0.9433	0.9905	0.9794
29.7	0.9962	0.9584	0.9931	0.9966	0.9339	0.9910	0.9768
29.8	0.9954	0.9506	0.9905	0.9963	0.9220	0.9888	0.9737
29.9	0.9942	0.9585	0.9875	0.9964	0.9373	0.9899	0.9824
30.0	0.9923	0.9604	0.9878	0.9953	0.9395	0.9887	0.9801
30.1	0.9943	0.9653	0.9923	0.9964	0.9507	0.9929	0.9863
30.2	0.9957	0.9691	0.9948	0.9971	0.9582	0.9932	0.9909
30.3	0.9947	0.9510	0.9939	0.9961	0.9403	0.9918	0.9915
30.4	0.9950	0.9685	0.9930	0.9961	0.9612	0.9946	0.9930
30.5	0.9950	0.9732	0.9918	0.9964	0.9674	0.9941	0.9925
30.6	0.9923	0.9601	0.9901	0.9959	0.9507	0.9917	0.9897
30.7	0.9868	0.9568	0.9886	0.9939	0.9449	0.9911	0.9889
30.8	0.9874	0.9431	0.9863	0.9929	0.9410	0.9925	0.9882
30.9	0.9892	0.9607	0.9905	0.9943	0.9603	0.9943	0.9912
31.0	0.9872	0.9615	0.9902	0.9936	0.9603	0.9939	0.9878
31.1	0.9861	0.9630	0.9893	0.9933	0.9599	0.9920	0.9873
31.2	0.9843	0.9606	0.9883	0.9910	0.9596	0.9944	0.9890
31.3	0.9809	0.9610	0.9867	0.9906	0.9602	0.9931	0.9890
31.4	0.9758	0.9543	0.9878	0.9890	0.9540	0.9927	0.9920
31.5	0.9604	0.9617	0.9881	0.9882	0.9625	0.9927	0.9899
31.6	0.9646	0.9634	0.9889	0.9871	0.9632	0.9916	0.9864
31.7	0.9589	0.9450	0.9826	0.9872	0.9450	0.9863	0.9847
31.8	0.9422	0.9450	0.9828	0.9803	0.9456	0.9846	0.9820
31.9	0.9195	0.9270	0.9752	0.9639	0.9336	0.9777	0.9776
32.0	0.9212	0.9216	0.9666	0.9586	0.9294	0.9700	0.9716
32.1	0.9536	0.9276	0.9777	0.9662	0.9268	0.9777	0.9766
32.2	0.9619	0.9168	0.9792	0.9650	0.9238	0.9767	0.9809
32.3	0.9614	0.9180	0.9773	0.9640	0.9230	0.9728	0.9817
32.4	0.9478	0.9037	0.9721	0.9486	0.9062	0.9614	0.9749
32.5	0.9497	0.9191	0.9679	0.9378	0.9181	0.9541	0.9667
32.6	0.9486	0.9127	0.9695	0.9300	0.9103	0.9562	0.9672
32.7	0.9536	0.8831	0.9681	0.9250	0.8934	0.9511	0.9656
32.8	0.9528	0.8596	0.9660	0.9031	0.8813	0.9462	0.9642
32.9	0.9287	0.8213	0.9551	0.8745	0.8499	0.9301	0.9478
33.0	0.9160	0.8133	0.9500	0.8752	0.8440	0.9150	0.9382
33.1	0.8705	0.6911	0.9165	0.8178	0.7610	0.8515	0.8984
33.2	0.9107	0.7187	0.9333	0.8747	0.8063	0.8650	0.9188
33.3	0.9320	0.7449	0.9478	0.9003	0.8297	0.8814	0.9387
33.4	0.9406	0.7089	0.9576	0.9129	0.8299	0.8946	0.9475
33.5	0.9341	0.6126	0.9543	0.9060	0.8042	0.8861	0.9441
33.6	0.9141	0.3881	0.9502	0.8903	0.7279	0.8741	0.9389
33.7	0.9260	0.4452	0.9463	0.9004	0.7366	0.8529	0.9437

33.8	0.9031	0.4983	0.9355	0.8839	0.6581	0.8352	0.9357
33.9	0.8803	0.4903	0.9319	0.8616	0.5504	0.8277	0.9350
34.0	0.8677	0.6078	0.9319	0.8591	0.5432	0.8472	0.9331
34.1	0.8844	0.7162	0.9453	0.8890	0.6319	0.8844	0.9422
34.2	0.8583	0.7693	0.9415	0.8694	0.6782	0.8810	0.9332
34.3	0.8838	0.8363	0.9444	0.8882	0.8108	0.8878	0.9361
34.4	0.9140	0.8411	0.9550	0.9160	0.7860	0.9037	0.9509
34.5	0.9066	0.8369	0.9569	0.9097	0.7831	0.9002	0.9504
34.6	0.9249	0.8857	0.9636	0.9270	0.8580	0.9133	0.9555
34.7	0.9452	0.9258	0.9724	0.9463	0.8914	0.9290	0.9658
34.8	0.9379	0.9209	0.9719	0.9395	0.8772	0.9205	0.9640
34.9	0.9566	0.8989	0.9765	0.9586	0.8162	0.9286	0.9717
35.0	0.9589	0.8926	0.9789	0.9611	0.7991	0.9304	0.9739
35.1	0.9660	0.9221	0.9826	0.9685	0.8325	0.9360	0.9772
35.2	0.9757	0.9353	0.9852	0.9762	0.8506	0.9401	0.9841
35.3	0.9768	0.9553	0.9860	0.9767	0.8947	0.9335	0.9840
35.4	0.9782	0.9565	0.9853	0.9789	0.9212	0.8914	0.9869
35.5	0.9810	0.9460	0.9846	0.9817	0.9010	0.8565	0.9857
35.6	0.9773	0.9402	0.9766	0.9782	0.8990	0.8157	0.9799
35.7	0.9862	0.9575	0.9830	0.9858	0.9401	0.8976	0.9846
35.8	0.9884	0.9569	0.9861	0.9880	0.9387	0.9412	0.9850
35.9	0.9895	0.9639	0.9866	0.9892	0.9476	0.9452	0.9849
36.0	0.9917	0.9673	0.9868	0.9918	0.9511	0.9494	0.9833
36.1	0.9943	0.9770	0.9933	0.9940	0.9664	0.9798	0.9906
36.2	0.9948	0.9788	0.9935	0.9942	0.9693	0.9776	0.9903
36.3	0.9935	0.9772	0.9928	0.9933	0.9630	0.9769	0.9894
36.4	0.9957	0.9768	0.9939	0.9951	0.9595	0.9806	0.9880
36.5	0.9964	0.9695	0.9947	0.9958	0.9479	0.9849	0.9876
36.6	0.9970	0.9718	0.9954	0.9967	0.9549	0.9855	0.9885
36.7	0.9958	0.9680	0.9939	0.9956	0.9467	0.9820	0.9822
36.8	0.9951	0.9716	0.9947	0.9949	0.9544	0.9874	0.9806
36.9	0.9954	0.9710	0.9922	0.9951	0.9534	0.9816	0.9745
37.0	0.9960	0.9767	0.9925	0.9955	0.9548	0.9827	0.9754
37.1	0.9962	0.9780	0.9937	0.9959	0.9559	0.9795	0.9695
37.2	0.9958	0.9811	0.9953	0.9958	0.9655	0.9808	0.9730
37.3	0.9939	0.9798	0.9941	0.9938	0.9679	0.9819	0.9509
37.4	0.9969	0.9895	0.9956	0.9969	0.9823	0.9887	0.9550
37.5	0.9968	0.9901	0.9944	0.9969	0.9845	0.9855	0.9417
37.6	0.9968	0.9884	0.9933	0.9966	0.9821	0.9852	0.9016
37.7	0.9958	0.9904	0.9920	0.9959	0.9864	0.9813	0.7238
37.8	0.9970	0.9914	0.9919	0.9971	0.9877	0.9822	0.5034
37.9	0.9961	0.9896	0.9900	0.9960	0.9864	0.9772	0.4463
38.0	0.9959	0.9922	0.9924	0.9960	0.9894	0.9846	0.7325
38.1	0.9952	0.9912	0.9912	0.9954	0.9894	0.9827	0.8937
38.2	0.9959	0.9916	0.9899	0.9960	0.9886	0.9810	0.9181
38.3	0.9953	0.9914	0.9863	0.9953	0.9895	0.9712	0.9035
38.4	0.9949	0.9897	0.9855	0.9949	0.9880	0.9694	0.8753
38.5	0.9949	0.9903	0.9798	0.9950	0.9869	0.9572	0.9156
38.6	0.9944	0.9912	0.9794	0.9952	0.9875	0.9563	0.9425
38.7	0.9961	0.9930	0.9853	0.9966	0.9902	0.9611	0.9650
38.8	0.9944	0.9929	0.9863	0.9953	0.9908	0.9510	0.9633
38.9	0.9921	0.9903	0.9869	0.9931	0.9880	0.9415	0.9565
39.0	0.9943	0.9917	0.9889	0.9947	0.9890	0.9304	0.9780
39.1	0.9951	0.9880	0.9897	0.9953	0.9840	0.9144	0.9780
39.2	0.9940	0.9872	0.9921	0.9948	0.9839	0.9045	0.9809
39.3	0.9941	0.9876	0.9932	0.9952	0.9853	0.8825	0.9818
39.4	0.9946	0.9886	0.9924	0.9953	0.9841	0.8482	0.9855
39.5	0.9935	0.9888	0.9929	0.9948	0.9847	0.7664	0.9841
39.6	0.9926	0.9805	0.9914	0.9942	0.9743	0.6364	0.9836
39.7	0.9933	0.9750	0.9944	0.9941	0.9670	0.5888	0.9831
39.8	0.9892	0.9796	0.9957	0.9908	0.9729	0.6990	0.9825
39.9	0.9886	0.9845	0.9930	0.9906	0.9785	0.5987	0.9831
40.0	0.9911	0.9854	0.9953	0.9928	0.9803	0.6440	0.9883
40.1	0.9912	0.9786	0.9951	0.9929	0.9706	0.6041	0.9855
40.2	0.9940	0.9801	0.9959	0.9954	0.9747	0.6731	0.9874
40.3	0.9914	0.9809	0.9947	0.9931	0.9770	0.6561	0.9888
40.4	0.9859	0.9783	0.9935	0.9889	0.9755	0.7067	0.9854
40.5	0.9882	0.9803	0.9941	0.9909	0.9774	0.7281	0.9801
40.6	0.9861	0.9783	0.9933	0.9900	0.9714	0.7276	0.9766
40.7	0.9832	0.9707	0.9905	0.9868	0.9623	0.6787	0.9722
40.8	0.9814	0.9588	0.9876	0.9856	0.9497	0.5484	0.9761
40.9	0.9842	0.9694	0.9894	0.9888	0.9616	0.5869	0.9778
41.0	0.9876	0.9730	0.9917	0.9902	0.9665	0.6205	0.9786
41.1	0.9878	0.9650	0.9915	0.9911	0.9548	0.6785	0.9776
41.2	0.9805	0.9463	0.9875	0.9860	0.9278	0.6896	0.9704
41.3	0.9811	0.9368	0.9822	0.9872	0.9178	0.7056	0.9658
41.4	0.9818	0.9445	0.9834	0.9876	0.9258	0.7050	0.9729
41.5	0.9841	0.9226	0.9845	0.9868	0.8982	0.7440	0.9780
41.6	0.9842	0.9124	0.9842	0.9863	0.8888	0.7906	0.9706
41.7	0.9857	0.9380	0.9881	0.9871	0.9147	0.8290	0.9659
41.8	0.9827	0.9298	0.9853	0.9861	0.9053	0.8394	0.9671
41.9	0.9801	0.9163	0.9821	0.9870	0.8851	0.8244	0.9660
42.0	0.9834	0.8930	0.9807	0.9860	0.8581	0.8481	0.9629
42.1	0.9839	0.9111	0.9775	0.9871	0.8816	0.8276	0.9582
42.2	0.9790	0.8966	0.9688	0.9874	0.8619	0.7860	0.9550
42.3	0.9753	0.8914	0.9747	0.9863	0.8603	0.8202	0.9525

42.4	0.9796	0.8505	0.9778	0.9875	0.7939	0.8252	0.9664
42.5	0.9793	0.8084	0.9725	0.9846	0.7038	0.8196	0.9697
42.6	0.9750	0.8030	0.9688	0.9776	0.6874	0.7999	0.9645
42.7	0.9824	0.8466	0.9744	0.9830	0.7528	0.8568	0.9700
42.8	0.9774	0.8142	0.9720	0.9798	0.7098	0.8731	0.9610
42.9	0.9722	0.8266	0.9711	0.9778	0.7299	0.9015	0.9714
43.0	0.9759	0.7633	0.9796	0.9845	0.6139	0.9204	0.9769
43.1	0.9726	0.6542	0.9823	0.9829	0.4455	0.9321	0.9790
43.2	0.9636	0.4871	0.9794	0.9809	0.1170	0.9123	0.9770
43.3	0.9660	0.5227	0.9693	0.9759	0.2087	0.9108	0.9776
43.4	0.9583	0.5700	0.9655	0.9694	0.2817	0.9246	0.9686
43.5	0.9522	0.5512	0.9605	0.9608	0.2524	0.9155	0.9640
43.6	0.9427	0.4423	0.9460	0.9612	0.1282	0.8994	0.9529
43.7	0.9298	0.2333	0.9587	0.9583	0.0034	0.9053	0.9472
43.8	0.9480	0.2875	0.9626	0.9525	0.0957	0.9417	0.9672
43.9	0.9274	0.3592	0.9580	0.9297	0.1459	0.9347	0.9545
44.0	0.9380	0.4728	0.9513	0.9336	0.2240	0.9151	0.9345
44.1	0.9364	0.1892	0.8639	0.8986	0.0003	0.8779	0.9244
44.2	0.9319	0.0438	0.8338	0.8782	0.1201	0.9142	0.9390
44.3	0.9061	0.0352	0.8702	0.8178	0.2014	0.9191	0.9150
44.4	0.8603	0.0135	0.9075	0.7996	0.1097	0.8809	0.8988
44.5	0.8614	0.0110	0.8684	0.8069	0.0748	0.8256	0.8644
44.6	0.8896	0.1968	0.8679	0.8695	0.4238	0.8794	0.8646
44.7	0.9259	0.5339	0.9424	0.9127	0.7246	0.9582	0.8979
44.8	0.8999	0.5175	0.9190	0.9085	0.6963	0.9317	0.8295
44.9	0.9089	0.5698	0.9333	0.9129	0.6988	0.9056	0.8318
45.0	0.8829	0.4593	0.9321	0.8796	0.5806	0.9252	0.8394
45.1	0.9006	0.2520	0.9326	0.8714	0.4435	0.9284	0.9078
45.2	0.9165	0.5293	0.9439	0.8889	0.6742	0.9044	0.9068
45.3	0.8973	0.6577	0.9171	0.8768	0.7469	0.8358	0.8580
45.4	0.8914	0.6940	0.9015	0.8669	0.7626	0.7613	0.8503
45.5	0.9213	0.7113	0.9084	0.8929	0.7654	0.7275	0.8486
45.6	0.9403	0.7594	0.9208	0.9194	0.7982	0.7617	0.8403
45.7	0.9407	0.8069	0.9372	0.9295	0.8335	0.7998	0.8715
45.8	0.9419	0.8245	0.9463	0.9381	0.8348	0.8650	0.8984
45.9	0.9373	0.7920	0.9457	0.9440	0.8038	0.8743	0.8701
46.0	0.9503	0.7236	0.9487	0.9453	0.7490	0.9262	0.9087
46.1	0.9473	0.7198	0.9429	0.9405	0.7615	0.9224	0.9029
46.2	0.9617	0.7938	0.9488	0.9522	0.8266	0.8930	0.9136
46.3	0.9616	0.7979	0.9509	0.9476	0.8179	0.8902	0.9122
46.4	0.9689	0.8442	0.9702	0.9654	0.8493	0.9525	0.9302
46.5	0.9738	0.8363	0.9755	0.9758	0.8415	0.9711	0.9430
46.6	0.9750	0.8559	0.9808	0.9789	0.8620	0.9748	0.9394
46.7	0.9580	0.7743	0.9838	0.9741	0.7865	0.9679	0.9145
46.8	0.9504	0.7971	0.9845	0.9621	0.8274	0.9428	0.8576
46.9	0.9722	0.9038	0.9840	0.9759	0.9193	0.9141	0.9231
47.0	0.9768	0.9455	0.9892	0.9840	0.9560	0.9146	0.9588
47.1	0.9766	0.9556	0.9872	0.9820	0.9597	0.9022	0.9698
47.2	0.9765	0.9475	0.9861	0.9814	0.9501	0.9353	0.9629
47.3	0.9767	0.9493	0.9868	0.9825	0.9451	0.9561	0.9693
47.4	0.9773	0.9452	0.9867	0.9880	0.9417	0.9724	0.9759
47.5	0.9689	0.9344	0.9815	0.9906	0.9269	0.9661	0.9765
47.6	0.9469	0.9167	0.9772	0.9871	0.9155	0.9335	0.9632
47.7	0.9742	0.9428	0.9811	0.9848	0.9427	0.9391	0.9816
47.8	0.9781	0.9611	0.9649	0.9862	0.9574	0.9383	0.9852
47.9	0.9755	0.9597	0.9816	0.9854	0.9539	0.9625	0.9859
48.0	0.9729	0.9294	0.9928	0.9846	0.9245	0.9761	0.9858
48.1	0.9680	0.8555	0.9774	0.9864	0.8477	0.9309	0.9827
48.2	0.9724	0.9292	0.9820	0.9886	0.9219	0.9234	0.9860
48.3	0.9742	0.9177	0.9825	0.9877	0.9118	0.9538	0.9874
48.4	0.9573	0.9329	0.9784	0.9872	0.9244	0.9389	0.9845
48.5	0.9523	0.9287	0.9642	0.9836	0.9157	0.8873	0.9841
48.6	0.9622	0.9607	0.9811	0.9880	0.9564	0.8968	0.9846
48.7	0.9643	0.9590	0.9826	0.9901	0.9553	0.8706	0.9825
48.8	0.9643	0.9424	0.9802	0.9901	0.9437	0.8908	0.9824
48.9	0.9642	0.9418	0.9818	0.9890	0.9368	0.9110	0.9848
49.0	0.9697	0.9671	0.9905	0.9884	0.9626	0.9071	0.9887
49.1	0.9639	0.9662	0.9871	0.9852	0.9605	0.8599	0.9872
49.2	0.9488	0.9673	0.9885	0.9907	0.9647	0.7643	0.9868
49.3	0.9501	0.9688	0.9926	0.9906	0.9713	0.6532	0.9895
49.4	0.9343	0.9504	0.9906	0.9906	0.9495	0.3119	0.9846
49.5	0.9306	0.9576	0.9870	0.9887	0.9526	0.2867	0.9810
49.6	0.9347	0.9680	0.9859	0.9869	0.9658	0.2383	0.9817
49.7	0.9185	0.9760	0.9928	0.9890	0.9748	0.6145	0.9840
49.8	0.8198	0.9659	0.9827	0.9872	0.9602	0.6400	0.9805
49.9	0.8614	0.9481	0.9724	0.9848	0.9430	0.5107	0.9799
50.0	0.9198	0.9675	0.9878	0.9882	0.9660	0.1811	0.9828
50.1	0.8528	0.9759	0.9932	0.9900	0.9760	0.5267	0.9834
50.2	0.8812	0.9820	0.9933	0.9921	0.9813	0.6984	0.9856
50.3	0.7611	0.9748	0.9888	0.9879	0.9719	0.7433	0.9809
50.4	0.5470	0.9787	0.9901	0.9902	0.9759	0.8659	0.9798
50.5	0.3321	0.9687	0.9858	0.9851	0.9626	0.8453	0.9717
50.6	0.2992	0.9584	0.9797	0.9840	0.9513	0.8534	0.9734
50.7	0.6150	0.9723	0.9886	0.9864	0.9676	0.9052	0.9774
50.8	0.4587	0.9493	0.9750	0.9798	0.9404	0.7628	0.9741
50.9	0.5242	0.9502	0.9823	0.9825	0.9467	0.7764	0.9775

51.0	0.4691	0.9388	0.9770	0.9805	0.9313	0.7088	0.9680
51.1	0.1010	0.9483	0.9768	0.9889	0.9421	0.8461	0.9683
51.2	0.1590	0.9318	0.9631	0.9851	0.9210	0.8591	0.9631
51.3	0.3823	0.8887	0.9582	0.9781	0.8602	0.6794	0.9548
51.4	0.4428	0.9204	0.9663	0.9774	0.9060	0.6094	0.9436
51.5	0.1289	0.9338	0.9655	0.9748	0.9229	0.8170	0.9382
51.6	0.3492	0.9670	0.9772	0.9834	0.9614	0.9245	0.9654
51.7	0.4107	0.9507	0.9675	0.9826	0.9425	0.9059	0.9465
51.8	0.4269	0.9407	0.9636	0.9737	0.9325	0.9086	0.9366
51.9	0.4951	0.9543	0.9700	0.9791	0.9502	0.9312	0.9516
52.0	0.4899	0.9670	0.9769	0.9862	0.9637	0.9481	0.9618
52.1	0.5458	0.9517	0.9688	0.9849	0.9469	0.9428	0.9530
52.2	0.6923	0.9508	0.9638	0.9865	0.9463	0.9517	0.9539
52.3	0.7081	0.9338	0.9517	0.9771	0.9238	0.9497	0.9469
52.4	0.6444	0.9286	0.9454	0.9738	0.9153	0.9321	0.9378
52.5	0.5976	0.9309	0.9402	0.9775	0.9190	0.9363	0.9207
52.6	0.6446	0.9104	0.9305	0.9719	0.9011	0.9527	0.9101
52.7	0.7312	0.9086	0.9461	0.9684	0.8956	0.9481	0.9369
52.8	0.5786	0.8923	0.9331	0.9637	0.8769	0.9354	0.9027
52.9	0.5474	0.8672	0.9259	0.9563	0.8516	0.9276	0.8902
53.0	0.5283	0.9099	0.9344	0.9698	0.8989	0.9429	0.8894
53.1	0.4858	0.9095	0.9281	0.9750	0.8988	0.9452	0.8726
53.2	0.6248	0.8990	0.9222	0.9766	0.8886	0.9570	0.8785
53.3	0.6571	0.9180	0.9296	0.9756	0.9090	0.9625	0.8904
53.4	0.6725	0.9240	0.9379	0.9713	0.9153	0.9715	0.8780
53.5	0.6604	0.8989	0.9078	0.9530	0.8868	0.9440	0.8573
53.6	0.6190	0.8962	0.8694	0.9653	0.8863	0.9288	0.8657
53.7	0.4893	0.8776	0.8675	0.9653	0.8657	0.9256	0.8222
53.8	0.5959	0.8949	0.9111	0.9697	0.8850	0.9238	0.8511
53.9	0.6540	0.9157	0.9338	0.9695	0.9091	0.9634	0.8807
54.0	0.7160	0.8923	0.9142	0.9618	0.8820	0.9675	0.8873
54.1	0.7725	0.8898	0.9199	0.9690	0.8814	0.9772	0.9075
54.2	0.7246	0.8949	0.9133	0.9716	0.8886	0.9653	0.8844
54.3	0.7191	0.8939	0.9023	0.9733	0.8870	0.9680	0.8815
54.4	0.7336	0.8781	0.8788	0.9779	0.8713	0.9788	0.8740
54.5	0.7545	0.8577	0.8551	0.9765	0.8477	0.9825	0.8561
54.6	0.7664	0.8457	0.8553	0.9661	0.8312	0.9828	0.8698
54.7	0.8119	0.8579	0.9017	0.9640	0.8418	0.9827	0.8887
54.8	0.7101	0.8152	0.8679	0.9641	0.7991	0.9630	0.8071
54.9	0.6886	0.8718	0.8893	0.9787	0.8632	0.9742	0.8371
55.0	0.6704	0.8795	0.8887	0.9787	0.8707	0.9830	0.8135
55.1	0.6992	0.8599	0.8697	0.9657	0.8515	0.9849	0.8084
55.2	0.6478	0.8280	0.8568	0.9676	0.8133	0.9829	0.7624
55.3	0.6480	0.8475	0.8943	0.9774	0.8335	0.9885	0.7357
55.4	0.6301	0.9069	0.9443	0.9771	0.8987	0.9917	0.7217
55.5	0.5706	0.8967	0.9235	0.9621	0.8865	0.9827	0.6749
55.6	0.4747	0.8599	0.8909	0.9633	0.8535	0.9818	0.5472
55.7	0.4884	0.8907	0.9297	0.9744	0.8838	0.9888	0.5487
55.8	0.4869	0.8870	0.9370	0.9689	0.8771	0.9873	0.3994
55.9	0.4145	0.8891	0.9457	0.9697	0.8807	0.9857	0.3148
56.0	0.3193	0.8934	0.9408	0.9624	0.8874	0.9830	0.4018
56.1	0.1488	0.8847	0.9269	0.9642	0.8803	0.9731	0.4451
56.2	0.2066	0.9150	0.9555	0.9727	0.9154	0.9853	0.5418
56.3	0.2332	0.9412	0.9703	0.9776	0.9435	0.9907	0.6189
56.4	0.1493	0.9342	0.9695	0.9791	0.9370	0.9896	0.6267
56.5	0.1647	0.9447	0.9744	0.9757	0.9447	0.9914	0.7019
56.6	0.1931	0.9488	0.9777	0.9746	0.9487	0.9924	0.7361
56.7	0.2083	0.9427	0.9762	0.9737	0.9432	0.9921	0.7268
56.8	0.2762	0.9438	0.9738	0.9696	0.9447	0.9917	0.7389
56.9	0.3682	0.9404	0.9728	0.9695	0.9394	0.9930	0.7756
57.0	0.4702	0.9607	0.9802	0.9754	0.9609	0.9946	0.8282
57.1	0.4921	0.9555	0.9708	0.9639	0.9544	0.9849	0.8363
57.2	0.7155	0.9592	0.9744	0.9618	0.9546	0.9775	0.8930
57.3	0.7977	0.9699	0.9826	0.9724	0.9671	0.9900	0.9098
57.4	0.8332	0.9687	0.9855	0.9717	0.9664	0.9925	0.9309
57.5	0.8435	0.9687	0.9861	0.9755	0.9666	0.9927	0.9236
57.6	0.8545	0.9694	0.9865	0.9700	0.9660	0.9927	0.9199
57.7	0.8283	0.9684	0.9869	0.9726	0.9668	0.9939	0.9243
57.8	0.8828	0.9693	0.9879	0.9772	0.9679	0.9954	0.9375
57.9	0.8960	0.9737	0.9903	0.9801	0.9721	0.9969	0.9488
58.0	0.9294	0.9800	0.9940	0.9825	0.9778	0.9977	0.9662
58.1	0.9416	0.9799	0.9945	0.9833	0.9779	0.9973	0.9682
58.2	0.9201	0.9760	0.9915	0.9759	0.9738	0.9953	0.9571
58.3	0.9022	0.9752	0.9894	0.9790	0.9735	0.9953	0.9517
58.4	0.9134	0.9757	0.9896	0.9790	0.9722	0.9954	0.9479
58.5	0.9404	0.9772	0.9920	0.9797	0.9754	0.9965	0.9620
58.6	0.9349	0.9727	0.9938	0.9747	0.9718	0.9959	0.9648
58.7	0.9483	0.9798	0.9951	0.9721	0.9792	0.9956	0.9678
58.8	0.9550	0.9814	0.9957	0.9781	0.9799	0.9962	0.9778
58.9	0.9585	0.9759	0.9946	0.9719	0.9728	0.9957	0.9665
59.0	0.9494	0.9654	0.9940	0.9635	0.9601	0.9952	0.9610
59.1	0.9481	0.9650	0.9933	0.9592	0.9585	0.9939	0.9601
59.2	0.9515	0.9688	0.9933	0.9639	0.9649	0.9946	0.9589
59.3	0.9584	0.9733	0.9948	0.9703	0.9703	0.9957	0.9696
59.4	0.9626	0.9760	0.9949	0.9746	0.9757	0.9954	0.9709
59.5	0.9535	0.9672	0.9944	0.9660	0.9654	0.9949	0.9555

59.6	0.9383	0.9512	0.9922	0.9432	0.9456	0.9943	0.9492
59.7	0.9523	0.9685	0.9939	0.9364	0.9652	0.9952	0.9623
59.8	0.9503	0.9696	0.9937	0.4584	0.9655	0.9942	0.9588
59.9	0.9570	0.9754	0.9925	0.0081	0.9730	0.9938	0.5428
60.0	0.9523	0.9778	0.9917	0.0253	0.9744	0.9941	0.2774
60.1	0.9417	0.9721	0.9892	0.0051	0.9678	0.9930	0.6687
60.2	0.9405	0.9685	0.9869	0.6275	0.9659	0.9911	0.9381
60.3	0.9552	0.9749	0.9861	0.9345	0.9740	0.9919	0.9445
60.4	0.9534	0.9738	0.9887	0.9533	0.9720	0.9942	0.9551
60.5	0.9514	0.9745	0.9890	0.9607	0.9727	0.9927	0.9544
60.6	0.9552	0.9744	0.9883	0.9642	0.9739	0.9938	0.9468
60.7	0.9612	0.9792	0.9898	0.9734	0.9792	0.9948	0.9545
60.8	0.9665	0.9825	0.9911	0.9751	0.9814	0.9952	0.9618
60.9	0.9578	0.9831	0.9899	0.9673	0.9806	0.9930	0.9530
61.0	0.9578	0.9803	0.9873	0.9625	0.9790	0.9921	0.9530
61.1	0.9603	0.9741	0.9877	0.9591	0.9725	0.9923	0.9495
61.2	0.9577	0.9737	0.9883	0.9630	0.9716	0.9930	0.9463
61.3	0.9687	0.9767	0.9890	0.9707	0.9763	0.9936	0.9607
61.4	0.9775	0.9800	0.9915	0.9725	0.9804	0.9952	0.9702
61.5	0.9666	0.9722	0.9906	0.9543	0.9702	0.9944	0.9567
61.6	0.9716	0.9733	0.9912	0.9571	0.9721	0.9955	0.9606
61.7	0.9724	0.9731	0.9909	0.9640	0.9719	0.9948	0.9573
61.8	0.9692	0.9759	0.9918	0.9624	0.9752	0.9950	0.9608
61.9	0.9719	0.9778	0.9931	0.9667	0.9762	0.9955	0.9653
62.0	0.9689	0.9662	0.9905	0.9597	0.9629	0.9931	0.9537
62.1	0.9789	0.9778	0.9938	0.9699	0.9755	0.9947	0.9691
62.2	0.9788	0.9816	0.9940	0.9691	0.9808	0.9964	0.9714
62.3	0.9716	0.9800	0.9917	0.9627	0.9796	0.9956	0.9595
62.4	0.9746	0.9811	0.9908	0.9577	0.9808	0.9954	0.9574
62.5	0.9843	0.9821	0.9938	0.9704	0.9825	0.9960	0.9701
62.6	0.9774	0.9751	0.9902	0.9588	0.9759	0.9947	0.9561
62.7	0.9838	0.9808	0.9920	0.9606	0.9814	0.9958	0.9657
62.8	0.9816	0.9681	0.9934	0.9578	0.9701	0.9962	0.9673
62.9	0.9840	0.9734	0.9943	0.9742	0.9767	0.9966	0.9709
63.0	0.9838	0.9661	0.9925	0.9773	0.9712	0.9953	0.9654
63.1	0.9833	0.9576	0.9901	0.9663	0.9645	0.9931	0.9549
63.2	0.9870	0.9698	0.9939	0.9723	0.9744	0.9955	0.9662
63.3	0.9913	0.9659	0.9953	0.9848	0.9710	0.9957	0.9768
63.4	0.9880	0.9626	0.9944	0.9785	0.9685	0.9932	0.9718
63.5	0.9862	0.9639	0.9937	0.9757	0.9674	0.9941	0.9667
63.6	0.9870	0.9559	0.9921	0.9728	0.9627	0.9940	0.9673
63.7	0.9872	0.9582	0.9928	0.9695	0.9637	0.9945	0.9682
63.8	0.9882	0.9649	0.9929	0.9747	0.9651	0.9945	0.9705
63.9	0.9895	0.9677	0.9937	0.9746	0.9650	0.9948	0.9678
64.0	0.9909	0.9707	0.9946	0.9773	0.9686	0.9947	0.9760
64.1	0.9904	0.9684	0.9945	0.9749	0.9665	0.9953	0.9722
64.2	0.9884	0.9567	0.9900	0.9682	0.9565	0.9941	0.9619
64.3	0.9929	0.9745	0.9952	0.9834	0.9754	0.9963	0.9799
64.4	0.9932	0.9817	0.9961	0.9848	0.9818	0.9949	0.9828
64.5	0.9889	0.9783	0.9933	0.9752	0.9778	0.9931	0.9799
64.6	0.9914	0.9818	0.9946	0.9825	0.9806	0.9955	0.9845
64.7	0.9910	0.9790	0.9935	0.9792	0.9772	0.9940	0.9810
64.8	0.9907	0.9812	0.9917	0.9734	0.9804	0.9941	0.9770
64.9	0.9909	0.9846	0.9927	0.9771	0.9834	0.9938	0.9797
65.0	0.9932	0.9850	0.9940	0.9821	0.9844	0.9935	0.9857
65.1	0.9942	0.9853	0.9941	0.9868	0.9855	0.9952	0.9871
65.2	0.9887	0.9791	0.9902	0.9771	0.9788	0.9926	0.9777
65.3	0.9877	0.9803	0.9914	0.9762	0.9808	0.9940	0.9782
65.4	0.9890	0.9820	0.9920	0.9777	0.9814	0.9930	0.9830
65.5	0.9887	0.9750	0.9896	0.9760	0.9748	0.9908	0.9799
65.6	0.9913	0.9786	0.9898	0.9795	0.9786	0.9915	0.9813
65.7	0.9906	0.9774	0.9894	0.9786	0.9772	0.9910	0.9808
65.8	0.9913	0.9816	0.9898	0.9772	0.9812	0.9912	0.9837
65.9	0.9933	0.9858	0.9921	0.9832	0.9859	0.9920	0.9857
66.0	0.9958	0.9917	0.9935	0.9884	0.9917	0.9930	0.9904
66.1	0.9939	0.9875	0.9926	0.9877	0.9878	0.9928	0.9878
66.2	0.9920	0.9858	0.9919	0.9846	0.9862	0.9912	0.9870
66.3	0.9899	0.9860	0.9910	0.9844	0.9859	0.9918	0.9874
66.4	0.9897	0.9833	0.9914	0.9845	0.9836	0.9921	0.9841
66.5	0.9905	0.9857	0.9907	0.9879	0.9862	0.9922	0.9857
66.6	0.9895	0.9856	0.9892	0.9845	0.9856	0.9911	0.9837
66.7	0.9898	0.9858	0.9910	0.9853	0.9862	0.9910	0.9827
66.8	0.9925	0.9885	0.9925	0.9883	0.9886	0.9928	0.9874
66.9	0.9919	0.9869	0.9891	0.9851	0.9867	0.9901	0.9893
67.0	0.9931	0.9894	0.9930	0.9866	0.9900	0.9936	0.9884
67.1	0.9934	0.9895	0.9926	0.9864	0.9900	0.9931	0.9889
67.2	0.9915	0.9876	0.9900	0.9873	0.9884	0.9915	0.9854
67.3	0.9917	0.9875	0.9923	0.9875	0.9885	0.9928	0.9846
67.4	0.9911	0.9885	0.9930	0.9864	0.9893	0.9922	0.9851
67.5	0.9884	0.9846	0.9888	0.9790	0.9857	0.9901	0.9802
67.6	0.9928	0.9902	0.9928	0.9853	0.9909	0.9934	0.9862
67.7	0.9920	0.9896	0.9931	0.9873	0.9906	0.9938	0.9827
67.8	0.9896	0.9890	0.9899	0.9872	0.9903	0.9925	0.9820
67.9	0.9882	0.9868	0.9868	0.9849	0.9884	0.9910	0.9810
68.0	0.9887	0.9867	0.9838	0.9831	0.9881	0.9878	0.9791
68.1	0.9839	0.9789	0.9812	0.9769	0.9824	0.9880	0.9711

68.2	0.9840	0.9783	0.9807	0.9734	0.9818	0.9895	0.9686
68.3	0.9856	0.9823	0.9824	0.9778	0.9845	0.9897	0.9749
68.4	0.9817	0.9807	0.9794	0.9768	0.9838	0.9863	0.9723
68.5	0.9854	0.9867	0.9857	0.9844	0.9893	0.9906	0.9757
68.6	0.9833	0.9849	0.9888	0.9856	0.9868	0.9900	0.9776
68.7	0.9836	0.9815	0.9820	0.9791	0.9839	0.9884	0.9744
68.8	0.9832	0.9787	0.9733	0.9715	0.9810	0.9846	0.9726
68.9	0.9873	0.9848	0.9766	0.9794	0.9867	0.9842	0.9764
69.0	0.9891	0.9863	0.9739	0.9816	0.9878	0.9824	0.9781
69.1	0.9862	0.9838	0.9782	0.9791	0.9869	0.9859	0.9744
69.2	0.9869	0.9852	0.9787	0.9762	0.9877	0.9861	0.9768
69.3	0.9875	0.9892	0.9774	0.9837	0.9906	0.9845	0.9824
69.4	0.9859	0.9859	0.9765	0.9807	0.9876	0.9833	0.9786
69.5	0.9866	0.9855	0.9746	0.9847	0.9870	0.9824	0.9785
69.6	0.9881	0.9873	0.9752	0.9859	0.9875	0.9815	0.9836
69.7	0.9861	0.9842	0.9708	0.9812	0.9854	0.9794	0.9780
69.8	0.9897	0.9875	0.9753	0.9819	0.9885	0.9828	0.9799
69.9	0.9857	0.9835	0.9736	0.9794	0.9836	0.9805	0.9798
70.0	0.9917	0.9927	0.9797	0.9893	0.9918	0.9845	0.9866
70.1	0.9902	0.9914	0.9814	0.9886	0.9907	0.9845	0.9861
70.2	0.9900	0.9901	0.9813	0.9891	0.9895	0.9842	0.9855
70.3	0.9831	0.9839	0.9755	0.9835	0.9827	0.9778	0.9843
70.4	0.9797	0.9809	0.9734	0.9814	0.9796	0.9766	0.9804
70.5	0.9843	0.9848	0.9757	0.9838	0.9831	0.9790	0.9836
70.6	0.9859	0.9868	0.9787	0.9861	0.9854	0.9808	0.9869
70.7	0.9875	0.9880	0.9815	0.9872	0.9875	0.9841	0.9840
70.8	0.9842	0.9838	0.9779	0.9824	0.9829	0.9800	0.9807
70.9	0.9822	0.9841	0.9812	0.9860	0.9830	0.9817	0.9831
71.0	0.9804	0.9828	0.9767	0.9843	0.9815	0.9782	0.9806
71.1	0.9780	0.9805	0.9695	0.9813	0.9777	0.9715	0.9794
71.2	0.9753	0.9767	0.9681	0.9785	0.9739	0.9678	0.9778
71.3	0.9733	0.9710	0.9696	0.9717	0.9691	0.9694	0.9748
71.4	0.9797	0.9799	0.9775	0.9806	0.9779	0.9782	0.9775
71.5	0.9743	0.9732	0.9704	0.9745	0.9713	0.9725	0.9729
71.6	0.9765	0.9740	0.9681	0.9731	0.9724	0.9700	0.9729
71.7	0.9798	0.9777	0.9761	0.9778	0.9775	0.9779	0.9723
71.8	0.9749	0.9699	0.9712	0.9659	0.9704	0.9709	0.9590
71.9	0.9749	0.9703	0.9729	0.9662	0.9709	0.9726	0.9627
72.0	0.9819	0.9800	0.9819	0.9787	0.9801	0.9823	0.9704
72.1	0.9888	0.9870	0.9885	0.9849	0.9880	0.9887	0.9752
72.2	0.9859	0.9824	0.9859	0.9825	0.9852	0.9858	0.9700
72.3	0.9767	0.9683	0.9768	0.9666	0.9729	0.9761	0.9487
72.4	0.9771	0.9705	0.9780	0.9675	0.9755	0.9790	0.9411
72.5	0.9767	0.9706	0.9744	0.9629	0.9754	0.9752	0.9321
72.6	0.9748	0.9647	0.9702	0.9563	0.9705	0.9703	0.9257
72.7	0.9688	0.9584	0.9708	0.9594	0.9648	0.9707	0.9038
72.8	0.9748	0.9676	0.9798	0.9659	0.9733	0.9804	0.9234
72.9	0.9808	0.9695	0.9834	0.9660	0.9779	0.9835	0.9281
73.0	0.9839	0.9719	0.9855	0.9698	0.9826	0.9858	0.9192
73.1	0.9813	0.9691	0.9827	0.9672	0.9804	0.9833	0.9131
73.2	0.9772	0.9702	0.9748	0.9648	0.9772	0.9755	0.8941
73.3	0.9757	0.9689	0.9802	0.9664	0.9736	0.9802	0.9228
73.4	0.9797	0.9733	0.9795	0.9700	0.9773	0.9811	0.9399
73.5	0.9862	0.9785	0.9811	0.9735	0.9841	0.9818	0.9495
73.6	0.9883	0.9751	0.9844	0.9673	0.9858	0.9831	0.9386
73.7	0.9830	0.9730	0.9802	0.9637	0.9822	0.9811	0.9357
73.8	0.9756	0.9698	0.9739	0.9655	0.9764	0.9756	0.9516
73.9	0.9809	0.9749	0.9781	0.9739	0.9792	0.9790	0.9649
74.0	0.9822	0.9721	0.9777	0.9689	0.9774	0.9776	0.9685
74.1	0.9847	0.9776	0.9775	0.9697	0.9816	0.9754	0.9612
74.2	0.9851	0.9806	0.9789	0.9713	0.9832	0.9788	0.9624
74.3	0.9848	0.9824	0.9818	0.9755	0.9874	0.9816	0.9619
74.4	0.9860	0.9784	0.9790	0.9725	0.9861	0.9791	0.9617
74.5	0.9840	0.9722	0.9764	0.9666	0.9811	0.9761	0.9583
74.6	0.9797	0.9678	0.9706	0.9596	0.9747	0.9716	0.9528
74.7	0.9767	0.9639	0.9682	0.9569	0.9713	0.9694	0.9539
74.8	0.9788	0.9692	0.9662	0.9604	0.9739	0.9666	0.9676
74.9	0.9846	0.9706	0.9629	0.9566	0.9789	0.9621	0.9597
75.0	0.9876	0.9722	0.9654	0.9570	0.9801	0.9639	0.9572
75.1	0.9871	0.9744	0.9591	0.9616	0.9778	0.9591	0.9680
75.2	0.9851	0.9704	0.9578	0.9510	0.9729	0.9598	0.9615
75.3	0.9808	0.9695	0.9587	0.9522	0.9730	0.9573	0.9592
75.4	0.9791	0.9675	0.9505	0.9555	0.9714	0.9504	0.9645
75.5	0.9808	0.9677	0.9475	0.9532	0.9708	0.9485	0.9621
75.6	0.9854	0.9706	0.9461	0.9400	0.9707	0.9434	0.9580
75.7	0.9806	0.9538	0.9348	0.9198	0.9593	0.9326	0.9377
75.8	0.9749	0.9461	0.9345	0.9204	0.9558	0.9329	0.9347
75.9	0.9815	0.9612	0.9327	0.9345	0.9656	0.9322	0.9542
76.0	0.9773	0.9502	0.9302	0.9216	0.9526	0.9293	0.9467
76.1	0.9767	0.9512	0.9323	0.9186	0.9536	0.9338	0.9510
76.2	0.9781	0.9524	0.9479	0.9217	0.9583	0.9467	0.9503
76.3	0.9863	0.9703	0.9639	0.9526	0.9747	0.9619	0.9643
76.4	0.9802	0.9607	0.9563	0.9310	0.9657	0.9533	0.9537
76.5	0.9734	0.9415	0.9519	0.9058	0.9531	0.9498	0.9374
76.6	0.9785	0.9579	0.9534	0.9273	0.9641	0.9519	0.9515
76.7	0.9783	0.9609	0.9501	0.9406	0.9693	0.9450	0.9593

76.8	0.9843	0.9677	0.9694	0.9508	0.9757	0.9636	0.9683
76.9	0.9729	0.9518	0.9597	0.9296	0.9603	0.9585	0.9526
77.0	0.9572	0.9244	0.9307	0.8858	0.9404	0.9278	0.9182
77.1	0.9733	0.9505	0.9468	0.9223	0.9641	0.9372	0.9426
77.2	0.9646	0.9353	0.9449	0.9080	0.9530	0.9413	0.9316
77.3	0.9591	0.9294	0.9510	0.9032	0.9485	0.9496	0.9315
77.4	0.9604	0.9347	0.9571	0.9062	0.9498	0.9526	0.9349
77.5	0.9644	0.9236	0.9466	0.8863	0.9426	0.9449	0.9135
77.6	0.9618	0.9323	0.9622	0.9206	0.9514	0.9598	0.9210
77.7	0.9595	0.9233	0.9623	0.9159	0.9469	0.9598	0.9251
77.8	0.9398	0.9034	0.9346	0.8903	0.9279	0.9321	0.9173
77.9	0.9463	0.8924	0.9393	0.8743	0.9317	0.9358	0.8866
78.0	0.9650	0.9322	0.9558	0.9259	0.9590	0.9512	0.9210
78.1	0.9459	0.9150	0.9512	0.8981	0.9499	0.9437	0.9072
78.2	0.9054	0.8425	0.9062	0.8305	0.9008	0.8937	0.8652
78.3	0.9051	0.8509	0.9172	0.8564	0.9040	0.9095	0.8655
78.4	0.9019	0.8270	0.9382	0.8327	0.8950	0.9411	0.8626
78.5	0.8791	0.8244	0.9444	0.8285	0.8934	0.9464	0.8638
78.6	0.8880	0.8599	0.9434	0.8634	0.9029	0.9426	0.9149
78.7	0.8779	0.8154	0.9193	0.8354	0.8869	0.9121	0.8855
78.8	0.8992	0.8318	0.9120	0.8345	0.8972	0.9149	0.8883
78.9	0.8604	0.7906	0.9062	0.7946	0.8513	0.9174	0.8662
79.0	0.7907	0.7708	0.9131	0.8011	0.8235	0.9115	0.8698
79.1	0.8380	0.8171	0.9376	0.8365	0.8741	0.9327	0.8905
79.2	0.7887	0.7831	0.9232	0.8175	0.8373	0.9295	0.8696
79.3	0.7192	0.7851	0.9113	0.7608	0.7852	0.9206	0.8695
79.4	0.7859	0.8704	0.9319	0.8301	0.8505	0.9268	0.9339
79.5	0.7690	0.8441	0.9336	0.8273	0.8282	0.9323	0.9235
79.6	0.7346	0.8132	0.9157	0.7862	0.7789	0.9194	0.8952
79.7	0.7844	0.8677	0.9263	0.8277	0.8147	0.9218	0.9104
79.8	0.7980	0.8686	0.9137	0.8122	0.8253	0.8974	0.9087
79.9	0.7308	0.8114	0.9096	0.7440	0.7718	0.8908	0.8961
80.0	0.7941	0.8267	0.9332	0.8082	0.8297	0.9203	0.9181

2.2.97 Run 9 – IP270A10 – Accels 1–8

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.7731	0.9596	0.9785	0.9808	0.3069	0.6692	0.6977	0.3245
0.1	0.5500	0.8829	0.9155	0.9397	0.0822	0.3630	0.3885	0.1079
0.2	0.0008	0.0058	0.0185	0.0067	0.0123	0.0006	0.0059	0.0065
0.3	0.0377	0.0360	0.0282	0.0510	0.0636	0.0212	0.0164	0.0390
0.4	0.0644	0.0062	0.0078	0.0240	0.0240	0.0253	0.0148	0.0024
0.5	0.0913	0.0408	0.0047	0.0063	0.0277	0.0021	0.0030	0.0240
0.6	0.0070	0.0040	0.0406	0.0043	0.0017	0.0286	0.0161	0.0521
0.7	0.0172	0.0092	0.0098	0.0304	0.0220	0.1412	0.0155	0.0042
0.8	0.0178	0.0163	0.1563	0.0174	0.0162	0.3057	0.0502	0.0254
0.9	0.0274	0.0300	0.2488	0.0578	0.0038	0.5755	0.0090	0.0663
1.0	0.0583	0.1138	0.0332	0.0064	0.0138	0.6140	0.0125	0.1642
1.1	0.2733	0.7064	0.0315	0.0547	0.1836	0.8201	0.0247	0.4921
1.2	0.4685	0.8585	0.0057	0.0317	0.4094	0.8847	0.0012	0.6891
1.3	0.6504	0.9068	0.0345	0.0031	0.6592	0.9203	0.0038	0.7762
1.4	0.7919	0.9273	0.0919	0.0029	0.7453	0.9130	0.0346	0.6113
1.5	0.8626	0.9526	0.0967	0.0228	0.5150	0.9313	0.0400	0.3213
1.6	0.9225	0.9536	0.2695	0.0180	0.2601	0.9259	0.0038	0.1687
1.7	0.9300	0.9440	0.4879	0.0481	0.7838	0.9137	0.2149	0.3086
1.8	0.8896	0.9005	0.4419	0.0774	0.8463	0.8729	0.2070	0.6122
1.9	0.8808	0.8961	0.4431	0.1584	0.9293	0.8785	0.2872	0.8577
2.0	0.7480	0.7577	0.4104	0.0988	0.8710	0.7383	0.2943	0.7697
2.1	0.6853	0.7222	0.5410	0.0383	0.8215	0.7645	0.4581	0.7410
2.2	0.8048	0.8380	0.6622	0.1700	0.6291	0.8818	0.5849	0.7547
2.3	0.8633	0.9023	0.4409	0.4227	0.4731	0.9379	0.4627	0.5897
2.4	0.9062	0.9380	0.3326	0.4032	0.5149	0.9718	0.5145	0.6718
2.5	0.9088	0.9505	0.6160	0.5950	0.8976	0.9829	0.8457	0.9417
2.6	0.8578	0.9236	0.2161	0.5228	0.9474	0.9825	0.8557	0.9684
2.7	0.8671	0.9272	0.1198	0.5412	0.9803	0.9893	0.8975	0.9851
2.8	0.8665	0.9178	0.0613	0.5231	0.9917	0.9907	0.9218	0.9881
2.9	0.8559	0.8961	0.0146	0.4937	0.9938	0.9932	0.9172	0.9907
3.0	0.7867	0.8228	0.0022	0.5110	0.9943	0.9936	0.9123	0.9913
3.1	0.6019	0.6408	0.0186	0.5506	0.9913	0.9930	0.9115	0.9918
3.2	0.4390	0.5860	0.0232	0.6067	0.9944	0.9937	0.9082	0.9917
3.3	0.3399	0.7274	0.0159	0.6186	0.9959	0.9943	0.9148	0.9920
3.4	0.4231	0.8743	0.0587	0.5893	0.9966	0.9970	0.9199	0.9961
3.5	0.4753	0.9138	0.0889	0.5383	0.9966	0.9962	0.9268	0.9952
3.6	0.5778	0.9276	0.1572	0.5566	0.9967	0.9952	0.9297	0.9930
3.7	0.6407	0.9414	0.1396	0.5669	0.9950	0.9953	0.9136	0.9936
3.8	0.7696	0.9653	0.1474	0.5515	0.9943	0.9961	0.8975	0.9947
3.9	0.8421	0.9786	0.1833	0.5756	0.9950	0.9970	0.8732	0.9949
4.0	0.8375	0.9788	0.1882	0.5204	0.9944	0.9974	0.8904	0.9954
4.1	0.8708	0.9813	0.1725	0.5527	0.9944	0.9980	0.9280	0.9969
4.2	0.9146	0.9887	0.1987	0.4604	0.9935	0.9980	0.9319	0.9968
4.3	0.9195	0.9870	0.2197	0.3063	0.9935	0.9971	0.9015	0.9954
4.4	0.9328	0.9909	0.2752	0.5109	0.9919	0.9974	0.8773	0.9956
4.5	0.9343	0.9905	0.2930	0.5156	0.9885	0.9974	0.8990	0.9947
4.6	0.9310	0.9919	0.2726	0.4840	0.9881	0.9976	0.9026	0.9951
4.7	0.9434	0.9933	0.3268	0.4203	0.9867	0.9978	0.8872	0.9965
4.8	0.9483	0.9912	0.3241	0.4518	0.9841	0.9982	0.8821	0.9958
4.9	0.9391	0.9893	0.2113	0.3596	0.9837	0.9982	0.8931	0.9964
5.0	0.9531	0.9919	0.2885	0.3522	0.9851	0.9985	0.8868	0.9971
5.1	0.9603	0.9923	0.2735	0.4033	0.9818	0.9985	0.8643	0.9965
5.2	0.9603	0.9918	0.1891	0.3299	0.9729	0.9976	0.8547	0.9955
5.3	0.9625	0.9929	0.2959	0.4605	0.9726	0.9980	0.8274	0.9965
5.4	0.9694	0.9945	0.2814	0.4568	0.9590	0.9986	0.7900	0.9965
5.5	0.9674	0.9942	0.1866	0.3782	0.9223	0.9978	0.6903	0.9960
5.6	0.9590	0.9930	0.4055	0.2386	0.9161	0.9970	0.6862	0.9956
5.7	0.9669	0.9929	0.4486	0.3579	0.9202	0.9966	0.7743	0.9948
5.8	0.9713	0.9949	0.2931	0.5349	0.9037	0.9967	0.8352	0.9931
5.9	0.9666	0.9933	0.3112	0.5023	0.8709	0.9954	0.8062	0.9913
6.0	0.9660	0.9934	0.3648	0.5166	0.8773	0.9960	0.7968	0.9933
6.1	0.9785	0.9957	0.5808	0.6067	0.9163	0.9979	0.8668	0.9961
6.2	0.9753	0.9937	0.5136	0.6632	0.9259	0.9971	0.8622	0.9951
6.3	0.9763	0.9941	0.5269	0.7232	0.9330	0.9961	0.8749	0.9930
6.4	0.9754	0.9944	0.6081	0.7310	0.9269	0.9946	0.8809	0.9926
6.5	0.9662	0.9919	0.6570	0.5879	0.8556	0.9960	0.7784	0.9912
6.6	0.9800	0.9946	0.7209	0.6716	0.7893	0.9968	0.8172	0.9895
6.7	0.9767	0.9936	0.7460	0.6794	0.6355	0.9962	0.7647	0.9758
6.8	0.9771	0.9925	0.7572	0.7514	0.7645	0.9957	0.8137	0.9654
6.9	0.9819	0.9952	0.7294	0.6643	0.7847	0.9972	0.7303	0.9131
7.0	0.9831	0.9951	0.6587	0.6120	0.8458	0.9982	0.6977	0.8093
7.1	0.9836	0.9953	0.6926	0.7392	0.9204	0.9985	0.8063	0.8316
7.2	0.9863	0.9959	0.6772	0.8396	0.9594	0.9986	0.8911	0.9374
7.3	0.9861	0.9954	0.5953	0.8715	0.9705	0.9985	0.9172	0.9657
7.4	0.9816	0.9927	0.4150	0.7476	0.9655	0.9981	0.8916	0.9689
7.5	0.9794	0.9918	0.1912	0.6784	0.9688	0.9978	0.8791	0.9710
7.6	0.9733	0.9904	0.1031	0.5668	0.9637	0.9972	0.8393	0.9749
7.7	0.9800	0.9922	0.2087	0.4055	0.9511	0.9974	0.7799	0.9771
7.8	0.9786	0.9921	0.3008	0.4642	0.9362	0.9981	0.7861	0.9762
7.9	0.9797	0.9918	0.2051	0.4951	0.9409	0.9982	0.7807	0.9708

8.0	0.9814	0.9928	0.1427	0.4222	0.9538	0.9985	0.8607	0.9801
8.1	0.9844	0.9934	0.3310	0.4634	0.9617	0.9989	0.9146	0.9823
8.2	0.9879	0.9948	0.4967	0.4494	0.9722	0.9993	0.9428	0.9840
8.3	0.9886	0.9947	0.3739	0.5440	0.9692	0.9990	0.9393	0.9803
8.4	0.9876	0.9945	0.3227	0.6495	0.9740	0.9989	0.9441	0.9810
8.5	0.9840	0.9925	0.2910	0.6788	0.9607	0.9990	0.9386	0.9780
8.6	0.9865	0.9941	0.2232	0.6302	0.9621	0.9990	0.9569	0.9805
8.7	0.9863	0.9940	0.2734	0.7086	0.9655	0.9990	0.9563	0.9816
8.8	0.9865	0.9938	0.3249	0.7458	0.9614	0.9991	0.9467	0.9721
8.9	0.9847	0.9926	0.3960	0.7570	0.9463	0.9987	0.9332	0.9641
9.0	0.9786	0.9901	0.5814	0.7349	0.9362	0.9979	0.9163	0.9534
9.1	0.9852	0.9927	0.5913	0.8323	0.9532	0.9981	0.9157	0.9569
9.2	0.9878	0.9938	0.5547	0.7769	0.9516	0.9980	0.8821	0.9448
9.3	0.9864	0.9932	0.6567	0.7576	0.9417	0.9978	0.8196	0.9116
9.4	0.9865	0.9928	0.7069	0.7348	0.9321	0.9975	0.6565	0.8611
9.5	0.9853	0.9920	0.7216	0.7775	0.9285	0.9961	0.5151	0.8411
9.6	0.9891	0.9938	0.7517	0.8279	0.9395	0.9968	0.4815	0.9203
9.7	0.9879	0.9932	0.7022	0.7889	0.9360	0.9966	0.3954	0.9384
9.8	0.9867	0.9926	0.6460	0.7239	0.9201	0.9948	0.2386	0.9608
9.9	0.9863	0.9921	0.5853	0.6538	0.8556	0.9930	0.2681	0.9607
10.0	0.9819	0.9895	0.3562	0.6018	0.7872	0.9852	0.4953	0.9346
10.1	0.9879	0.9928	0.4150	0.6728	0.8660	0.9898	0.7447	0.9684
10.2	0.9851	0.9906	0.1927	0.5465	0.8910	0.9919	0.7412	0.9618
10.3	0.9873	0.9915	0.3699	0.4943	0.9283	0.9948	0.8562	0.9827
10.4	0.9893	0.9922	0.4389	0.4541	0.9210	0.9940	0.8376	0.9702
10.5	0.9866	0.9915	0.4897	0.4434	0.9378	0.9921	0.8276	0.9713
10.6	0.9876	0.9917	0.5194	0.5081	0.9519	0.9941	0.8372	0.9745
10.7	0.9873	0.9914	0.5411	0.5917	0.9488	0.9939	0.8605	0.9778
10.8	0.9857	0.9910	0.6097	0.6175	0.9456	0.9941	0.8768	0.9842
10.9	0.9861	0.9911	0.5530	0.6522	0.9238	0.9952	0.8729	0.9811
11.0	0.9899	0.9932	0.7129	0.6666	0.9383	0.9962	0.8775	0.9825
11.1	0.9873	0.9910	0.7266	0.6213	0.9224	0.9954	0.9041	0.9738
11.2	0.9851	0.9903	0.7429	0.5675	0.8779	0.9958	0.8879	0.9656
11.3	0.9841	0.9887	0.7365	0.6351	0.8845	0.9939	0.9227	0.9506
11.4	0.9839	0.9889	0.7064	0.6787	0.9150	0.9930	0.9354	0.9463
11.5	0.9862	0.9893	0.6767	0.7017	0.9261	0.9943	0.9413	0.9362
11.6	0.9887	0.9914	0.7020	0.6931	0.9544	0.9959	0.9677	0.9650
11.7	0.9913	0.9924	0.6531	0.7010	0.9666	0.9960	0.9767	0.9831
11.8	0.9904	0.9924	0.5418	0.7170	0.9705	0.9970	0.9771	0.9863
11.9	0.9884	0.9918	0.3819	0.6440	0.9629	0.9973	0.9704	0.9794
12.0	0.9881	0.9908	0.2264	0.5675	0.9554	0.9962	0.9749	0.9766
12.1	0.9895	0.9918	0.2209	0.6303	0.9467	0.9968	0.9814	0.9861
12.2	0.9850	0.9895	0.1738	0.6237	0.9410	0.9960	0.9756	0.9858
12.3	0.9844	0.9899	0.3486	0.6455	0.9442	0.9960	0.9748	0.9881
12.4	0.9884	0.9910	0.4675	0.5271	0.9507	0.9965	0.9817	0.9841
12.5	0.9904	0.9925	0.5092	0.4640	0.9502	0.9965	0.9804	0.9835
12.6	0.9871	0.9909	0.4625	0.5014	0.9457	0.9951	0.9717	0.9836
12.7	0.9858	0.9895	0.3936	0.6272	0.9520	0.9951	0.9748	0.9847
12.8	0.9826	0.9866	0.3290	0.6565	0.9360	0.9936	0.9705	0.9775
12.9	0.9824	0.9878	0.3465	0.6167	0.9417	0.9957	0.9703	0.9757
13.0	0.9843	0.9887	0.3578	0.6765	0.9421	0.9949	0.9619	0.9620
13.1	0.9830	0.9865	0.3253	0.6513	0.9296	0.9935	0.9477	0.9498
13.2	0.9880	0.9899	0.4066	0.6099	0.9328	0.9953	0.9628	0.9326
13.3	0.9826	0.9859	0.3301	0.5728	0.9300	0.9940	0.9571	0.8443
13.4	0.9838	0.9865	0.3090	0.5050	0.9254	0.9940	0.9661	0.8375
13.5	0.9827	0.9853	0.2553	0.4483	0.9175	0.9918	0.9673	0.7820
13.6	0.9757	0.9790	0.2281	0.5087	0.9069	0.9882	0.9747	0.8502
13.7	0.9732	0.9769	0.2533	0.5175	0.8902	0.9867	0.9669	0.8891
13.8	0.9835	0.9853	0.3174	0.6636	0.9320	0.9908	0.9807	0.9457
13.9	0.9750	0.9777	0.2754	0.6955	0.9158	0.9894	0.9666	0.9439
14.0	0.9670	0.9707	0.3545	0.7070	0.9052	0.9851	0.9486	0.9409
14.1	0.9779	0.9800	0.4679	0.8104	0.9203	0.9881	0.9653	0.9473
14.2	0.9755	0.9767	0.3656	0.9024	0.9101	0.9859	0.9733	0.9550
14.3	0.9671	0.9701	0.3260	0.9045	0.8959	0.9842	0.9687	0.9468
14.4	0.9642	0.9673	0.3070	0.9207	0.8820	0.9828	0.9626	0.9273
14.5	0.9604	0.9637	0.3777	0.8871	0.8987	0.9792	0.9483	0.9199
14.6	0.9676	0.9700	0.3107	0.9167	0.8968	0.9831	0.9442	0.9265
14.7	0.9611	0.9641	0.3000	0.9323	0.8736	0.9770	0.9233	0.9012
14.8	0.9488	0.9514	0.2374	0.8900	0.8150	0.9660	0.8965	0.8647
14.9	0.9605	0.9620	0.3163	0.9489	0.8363	0.9736	0.9485	0.9220
15.0	0.9496	0.9525	0.1303	0.9351	0.6788	0.9712	0.9315	0.8601
15.1	0.9377	0.9398	0.1022	0.9122	0.4180	0.9622	0.9270	0.7909
15.2	0.9247	0.9268	0.1311	0.8927	0.1186	0.9459	0.9074	0.5948
15.3	0.9063	0.9091	0.2435	0.8706	0.0667	0.9398	0.8792	0.4549
15.4	0.9141	0.9163	0.1709	0.8673	0.1152	0.9418	0.8932	0.5235
15.5	0.9189	0.9197	0.1049	0.8991	0.3460	0.9409	0.8992	0.6643
15.6	0.8896	0.8907	0.1211	0.8570	0.3593	0.9220	0.8393	0.6926
15.7	0.8968	0.8977	0.1572	0.8056	0.4087	0.9145	0.8175	0.7775
15.8	0.9222	0.9225	0.0905	0.8383	0.4657	0.9316	0.8448	0.8201
15.9	0.9269	0.9267	0.0749	0.8518	0.6372	0.9365	0.8391	0.8532
16.0	0.9459	0.9449	0.0010	0.8264	0.6119	0.9473	0.8011	0.8778
16.1	0.9700	0.9704	0.0106	0.8919	0.7207	0.9767	0.8524	0.9164
16.2	0.9821	0.9820	0.0024	0.9222	0.7606	0.9848	0.8686	0.9406
16.3	0.9878	0.9874	0.0848	0.9263	0.8295	0.9863	0.8603	0.9561
16.4	0.9874	0.9868	0.2113	0.9062	0.8185	0.9848	0.7360	0.9480
16.5	0.9917	0.9912	0.3430	0.8842	0.8071	0.9849	0.4187	0.9455

16.6	0.9908	0.9908	0.3368	0.8096	0.7052	0.9860	0.0842	0.9141
16.7	0.9892	0.9887	0.3141	0.8396	0.6407	0.9810	0.5962	0.9121
16.8	0.9893	0.9885	0.3093	0.8567	0.5247	0.9791	0.7421	0.9071
16.9	0.9913	0.9906	0.2430	0.8303	0.5347	0.9845	0.7617	0.9235
17.0	0.9910	0.9907	0.2422	0.7572	0.4906	0.9878	0.4868	0.8925
17.1	0.9851	0.9842	0.2634	0.7268	0.3239	0.9761	0.0696	0.8293
17.2	0.9898	0.9892	0.1744	0.8727	0.0770	0.9820	0.6280	0.8066
17.3	0.9945	0.9943	0.0745	0.9032	0.1887	0.9908	0.8857	0.8294
17.4	0.9948	0.9943	0.0041	0.9056	0.2910	0.9916	0.8844	0.8248
17.5	0.9965	0.9962	0.0262	0.9442	0.1945	0.9940	0.9105	0.8464
17.6	0.9973	0.9972	0.0066	0.9424	0.3666	0.9930	0.8825	0.8776
17.7	0.9965	0.9964	0.1616	0.9547	0.5917	0.9945	0.8941	0.8768
17.8	0.9971	0.9970	0.1917	0.9604	0.5323	0.9950	0.9079	0.8617
17.9	0.9970	0.9967	0.2749	0.9575	0.5931	0.9936	0.9168	0.8519
18.0	0.9965	0.9962	0.2383	0.9636	0.6961	0.9930	0.9137	0.8446
18.1	0.9971	0.9969	0.3559	0.9679	0.7880	0.9947	0.9069	0.8719
18.2	0.9976	0.9973	0.5138	0.9739	0.8289	0.9950	0.9070	0.8903
18.3	0.9979	0.9977	0.5661	0.9790	0.8460	0.9955	0.9246	0.9156
18.4	0.9976	0.9975	0.5707	0.9608	0.8481	0.9942	0.8903	0.8984
18.5	0.9973	0.9973	0.6288	0.9109	0.7715	0.9933	0.6756	0.9035
18.6	0.9973	0.9972	0.5657	0.9000	0.4940	0.9918	0.4679	0.9098
18.7	0.9975	0.9976	0.5761	0.9689	0.1121	0.9937	0.6075	0.9304
18.8	0.9971	0.9973	0.4964	0.9811	0.3187	0.9927	0.8103	0.9271
18.9	0.9956	0.9956	0.2778	0.9794	0.4595	0.9884	0.8182	0.8355
19.0	0.9963	0.9961	0.2546	0.9816	0.5375	0.9905	0.8426	0.8136
19.1	0.9975	0.9975	0.1970	0.9872	0.6907	0.9930	0.9062	0.8102
19.2	0.9979	0.9979	0.1707	0.9880	0.7411	0.9932	0.9217	0.8437
19.3	0.9977	0.9977	0.1510	0.9893	0.7957	0.9914	0.9216	0.8611
19.4	0.9969	0.9968	0.1160	0.9840	0.7831	0.9885	0.8896	0.8644
19.5	0.9981	0.9981	0.2502	0.9893	0.8293	0.9905	0.9158	0.9154
19.6	0.9976	0.9977	0.2610	0.9858	0.8585	0.9883	0.9030	0.9360
19.7	0.9977	0.9976	0.2692	0.9854	0.8494	0.9851	0.9020	0.9533
19.8	0.9985	0.9981	0.3575	0.9842	0.8679	0.9853	0.9006	0.9635
19.9	0.9981	0.9979	0.2920	0.9872	0.8240	0.9885	0.8637	0.9547
20.0	0.9984	0.9979	0.3435	0.9882	0.8129	0.9875	0.8181	0.9631
20.1	0.9985	0.9980	0.3178	0.9867	0.8648	0.9863	0.6658	0.9774
20.2	0.9983	0.9982	0.2270	0.9848	0.8060	0.9872	0.5180	0.9656
20.3	0.9981	0.9982	0.1710	0.9852	0.7590	0.9887	0.5821	0.9671
20.4	0.9978	0.9980	0.2435	0.9801	0.7118	0.9875	0.6708	0.9667
20.5	0.9979	0.9981	0.2598	0.9843	0.6212	0.9893	0.7153	0.9702
20.6	0.9982	0.9984	0.2882	0.9853	0.5705	0.9892	0.7125	0.9684
20.7	0.9977	0.9976	0.1454	0.9768	0.3679	0.9817	0.6385	0.9551
20.8	0.9971	0.9977	0.2209	0.9712	0.2337	0.9836	0.5107	0.9562
20.9	0.9978	0.9980	0.4576	0.9772	0.1447	0.9861	0.6860	0.9646
21.0	0.9972	0.9975	0.3952	0.9750	0.1768	0.9819	0.6855	0.9572
21.1	0.9962	0.9969	0.3311	0.9666	0.2500	0.9782	0.6283	0.9582
21.2	0.9972	0.9971	0.2617	0.9689	0.2697	0.9797	0.6776	0.9502
21.3	0.9978	0.9976	0.3159	0.9600	0.1556	0.9745	0.6848	0.9329
21.4	0.9979	0.9976	0.4964	0.9747	0.1539	0.9742	0.6745	0.9436
21.5	0.9968	0.9967	0.4192	0.9605	0.1268	0.9653	0.5768	0.9326
21.6	0.9967	0.9974	0.2868	0.9615	0.3139	0.9660	0.3408	0.9309
21.7	0.9964	0.9970	0.2190	0.9681	0.5039	0.9606	0.2810	0.9293
21.8	0.9952	0.9959	0.2907	0.9598	0.5178	0.9519	0.1142	0.9250
21.9	0.9960	0.9961	0.2926	0.9557	0.6245	0.9190	0.1866	0.8868
22.0	0.9962	0.9969	0.1856	0.9546	0.7017	0.9214	0.3873	0.9112
22.1	0.9941	0.9967	0.1461	0.9548	0.7424	0.9340	0.4466	0.9149
22.2	0.9943	0.9966	0.2094	0.9582	0.8021	0.9382	0.4171	0.9066
22.3	0.9942	0.9962	0.1855	0.9617	0.8141	0.9280	0.3429	0.9258
22.4	0.9921	0.9962	0.1724	0.9574	0.8067	0.9165	0.3257	0.9245
22.5	0.9955	0.9973	0.1886	0.9713	0.8785	0.9447	0.3898	0.9207
22.6	0.9955	0.9975	0.2223	0.9689	0.8893	0.9337	0.4627	0.8935
22.7	0.9942	0.9970	0.2824	0.9605	0.8893	0.9314	0.4572	0.8657
22.8	0.9942	0.9967	0.1209	0.9577	0.8620	0.9211	0.4125	0.8611
22.9	0.9944	0.9971	0.1093	0.9595	0.8793	0.9146	0.5002	0.8947
23.0	0.9921	0.9970	0.2173	0.9583	0.8488	0.9094	0.5635	0.8965
23.1	0.9920	0.9966	0.1807	0.9587	0.8247	0.9096	0.4097	0.9044
23.2	0.9922	0.9967	0.1253	0.9560	0.7843	0.8920	0.3389	0.9239
23.3	0.9920	0.9965	0.0861	0.9619	0.7414	0.8863	0.2737	0.9234
23.4	0.9900	0.9964	0.2050	0.9565	0.7389	0.8897	0.2945	0.9163
23.5	0.9892	0.9960	0.2274	0.9477	0.7496	0.8911	0.0913	0.8982
23.6	0.9886	0.9948	0.1013	0.9438	0.6523	0.8378	0.0757	0.9000
23.7	0.9910	0.9962	0.0336	0.9639	0.5798	0.8659	0.0972	0.9153
23.8	0.9871	0.9945	0.0080	0.9522	0.4766	0.8248	0.1383	0.8709
23.9	0.9852	0.9962	0.0402	0.9540	0.3544	0.7827	0.0511	0.8692
24.0	0.9829	0.9971	0.0786	0.9453	0.3307	0.8203	0.0342	0.8839
24.1	0.9810	0.9957	0.0468	0.9368	0.1860	0.7072	0.0100	0.8332
24.2	0.9813	0.9964	0.1457	0.9262	0.1987	0.7066	0.0008	0.8725
24.3	0.9837	0.9968	0.0710	0.9304	0.2494	0.6816	0.0104	0.8778
24.4	0.9766	0.9962	0.0693	0.9015	0.2735	0.6242	0.0779	0.8699
24.5	0.9706	0.9962	0.0681	0.8804	0.3725	0.6290	0.1005	0.8617
24.6	0.9764	0.9960	0.0324	0.9159	0.4653	0.5756	0.0594	0.8483
24.7	0.9699	0.9964	0.0425	0.8766	0.5313	0.5738	0.0177	0.8209
24.8	0.9722	0.9973	0.0268	0.8732	0.5926	0.5646	0.0503	0.8392
24.9	0.9771	0.9976	0.0482	0.8830	0.6788	0.5811	0.1064	0.8676
25.0	0.9708	0.9973	0.0145	0.8484	0.5869	0.5934	0.0840	0.8663
25.1	0.9693	0.9975	0.0011	0.8651	0.6039	0.5139	0.1226	0.8600

25.2	0.9620	0.9974	0.0072	0.8394	0.6262	0.5497	0.1809	0.8115
25.3	0.9583	0.9972	0.0083	0.8168	0.6860	0.6889	0.3041	0.7863
25.4	0.9565	0.9967	0.0151	0.8011	0.6843	0.7502	0.5085	0.7649
25.5	0.9334	0.9962	0.0058	0.7312	0.5941	0.6571	0.3834	0.7669
25.6	0.9429	0.9965	0.0178	0.7303	0.6443	0.6981	0.5103	0.7785
25.7	0.9339	0.9972	0.0167	0.6881	0.5905	0.7616	0.3576	0.7702
25.8	0.9140	0.9961	0.0095	0.6090	0.5407	0.7245	0.3549	0.7191
25.9	0.9262	0.9961	0.0962	0.6930	0.5768	0.7359	0.1901	0.6851
26.0	0.9116	0.9964	0.0548	0.6725	0.4965	0.7466	0.0484	0.6557
26.1	0.9030	0.9960	0.0698	0.6074	0.4951	0.7835	0.0724	0.6708
26.2	0.9190	0.9962	0.1362	0.6835	0.5273	0.8544	0.1501	0.7273
26.3	0.9026	0.9959	0.0730	0.6846	0.3822	0.8408	0.0340	0.6477
26.4	0.8791	0.9955	0.0225	0.6180	0.2751	0.8197	0.0316	0.6157
26.5	0.8748	0.9960	0.0602	0.6119	0.3067	0.8151	0.0355	0.6665
26.6	0.8712	0.9955	0.0787	0.6169	0.3822	0.8339	0.0969	0.6679
26.7	0.8743	0.9952	0.0810	0.6226	0.6096	0.8430	0.0166	0.6341
26.8	0.8529	0.9948	0.1043	0.5616	0.6808	0.8491	0.0074	0.6641
26.9	0.8681	0.9946	0.2057	0.6184	0.7468	0.8617	0.0459	0.7131
27.0	0.8420	0.9931	0.1856	0.5741	0.7391	0.8574	0.1596	0.7069
27.1	0.7861	0.9918	0.0911	0.4453	0.6469	0.8097	0.2442	0.6466
27.2	0.8391	0.9915	0.1111	0.5561	0.7036	0.7850	0.5074	0.6133
27.3	0.7979	0.9894	0.0990	0.4797	0.6271	0.7159	0.6378	0.4871
27.4	0.8409	0.9901	0.1183	0.6024	0.7546	0.7906	0.7264	0.5374
27.5	0.8349	0.9880	0.1222	0.5732	0.7365	0.7975	0.6763	0.5846
27.6	0.7365	0.9819	0.0862	0.3872	0.6405	0.7419	0.6080	0.5713
27.7	0.7781	0.9856	0.1034	0.4604	0.7054	0.7651	0.7260	0.6562
27.8	0.8178	0.9879	0.0751	0.4799	0.7358	0.7566	0.7707	0.6775
27.9	0.7255	0.9872	0.0728	0.3231	0.6510	0.6967	0.6909	0.6571
28.0	0.7336	0.9896	0.1401	0.3705	0.6556	0.7403	0.7008	0.6910
28.1	0.7374	0.9898	0.1244	0.3536	0.6586	0.7298	0.6869	0.6860
28.2	0.5768	0.9873	0.1378	0.1270	0.5644	0.6625	0.5845	0.6394
28.3	0.5691	0.9842	0.0494	0.1690	0.4770	0.5914	0.5794	0.6549
28.4	0.6259	0.9907	0.0815	0.1914	0.6327	0.6856	0.6490	0.7330
28.5	0.6450	0.9924	0.1396	0.1964	0.6827	0.7318	0.6678	0.7705
28.6	0.6070	0.9921	0.0921	0.2046	0.6621	0.7421	0.6804	0.7790
28.7	0.6105	0.9923	0.0858	0.1857	0.6206	0.7123	0.6491	0.7675
28.8	0.5266	0.9922	0.0812	0.1514	0.5522	0.6494	0.5799	0.7560
28.9	0.5284	0.9949	0.0518	0.1617	0.6266	0.7149	0.6516	0.8286
29.0	0.4926	0.9942	0.0881	0.1684	0.6509	0.7008	0.7144	0.8617
29.1	0.5184	0.9955	0.0376	0.1866	0.6780	0.6772	0.6922	0.8244
29.2	0.5057	0.9944	0.0054	0.2504	0.6716	0.6215	0.6438	0.8007
29.3	0.5515	0.9964	0.0225	0.3404	0.7125	0.7461	0.7157	0.8611
29.4	0.5658	0.9966	0.0720	0.3632	0.7178	0.7842	0.7024	0.8357
29.5	0.6084	0.9959	0.0641	0.4276	0.7414	0.7442	0.7020	0.8551
29.6	0.4728	0.9953	0.0389	0.2326	0.6465	0.6504	0.6745	0.8403
29.7	0.2916	0.9956	0.0243	0.1476	0.5824	0.5541	0.6318	0.8000
29.8	0.2937	0.9949	0.0875	0.2258	0.6650	0.5796	0.6864	0.8099
29.9	0.3630	0.9960	0.1385	0.3013	0.6524	0.6621	0.5597	0.8130
30.0	0.3410	0.9970	0.2283	0.2318	0.6331	0.6314	0.5714	0.8311
30.1	0.3450	0.9973	0.1006	0.2081	0.6821	0.5676	0.6873	0.8490
30.2	0.3735	0.9978	0.0273	0.1841	0.6335	0.5493	0.6584	0.8143
30.3	0.2930	0.9970	0.0780	0.0890	0.5220	0.4159	0.5608	0.7380
30.4	0.2859	0.9968	0.0830	0.0822	0.5984	0.4077	0.6006	0.7827
30.5	0.2178	0.9971	0.0437	0.1575	0.6093	0.4023	0.6219	0.8017
30.6	0.3547	0.9969	0.0671	0.2299	0.6616	0.5319	0.6914	0.8460
30.7	0.4702	0.9977	0.0702	0.2694	0.7165	0.5746	0.7319	0.8713
30.8	0.3379	0.9974	0.0353	0.1170	0.7219	0.4131	0.6968	0.8465
30.9	0.2938	0.9977	0.0335	0.1030	0.6921	0.3852	0.7031	0.8399
31.0	0.2781	0.9980	0.0664	0.0952	0.6909	0.4013	0.7275	0.8385
31.1	0.3082	0.9978	0.0226	0.0718	0.6966	0.4544	0.7020	0.8417
31.2	0.1652	0.9972	0.0101	0.0818	0.6740	0.2960	0.6707	0.7745
31.3	0.2139	0.9976	0.0034	0.0670	0.6194	0.2354	0.6299	0.7371
31.4	0.2802	0.9968	0.0249	0.1167	0.6292	0.3047	0.6124	0.7477
31.5	0.3571	0.9973	0.1457	0.1856	0.7146	0.2959	0.7121	0.7783
31.6	0.1715	0.9973	0.0090	0.1389	0.6066	0.0683	0.5937	0.7207
31.7	0.2407	0.9972	0.0603	0.0401	0.6231	0.0783	0.5828	0.7548
31.8	0.2916	0.9973	0.0612	0.0581	0.6112	0.0814	0.5457	0.7383
31.9	0.2112	0.9973	0.0865	0.0494	0.6345	0.0631	0.6093	0.7504
32.0	0.1338	0.9973	0.1243	0.0136	0.5633	0.0102	0.5581	0.6508
32.1	0.1968	0.9970	0.0497	0.0835	0.6274	0.0056	0.5819	0.6996
32.2	0.3044	0.9974	0.0574	0.0989	0.6812	0.0866	0.6136	0.7972
32.3	0.2996	0.9974	0.0479	0.0867	0.6851	0.1179	0.5846	0.8072
32.4	0.2607	0.9970	0.0610	0.0554	0.7042	0.1390	0.6139	0.8251
32.5	0.3018	0.9972	0.0749	0.0858	0.7118	0.1575	0.6483	0.8066
32.6	0.2356	0.9964	0.0364	0.1520	0.7228	0.0713	0.6418	0.7849
32.7	0.1790	0.9961	0.0314	0.1837	0.6828	0.1206	0.6011	0.7556
32.8	0.2352	0.9965	0.0177	0.1424	0.7477	0.2823	0.7301	0.8430
32.9	0.1305	0.9963	0.0350	0.0955	0.7582	0.2971	0.7292	0.8492
33.0	0.1641	0.9961	0.0088	0.0949	0.7623	0.3208	0.6954	0.8485
33.1	0.2065	0.9962	0.0376	0.0855	0.7826	0.3606	0.7632	0.8736
33.2	0.2283	0.9962	0.0051	0.0587	0.7312	0.4143	0.6908	0.8325
33.3	0.2157	0.9969	0.0208	0.1333	0.7984	0.4886	0.7277	0.8618
33.4	0.1935	0.9967	0.0892	0.1500	0.8191	0.5718	0.7586	0.8817
33.5	0.1532	0.9972	0.1495	0.1698	0.8809	0.6387	0.8341	0.9202
33.6	0.0534	0.9968	0.0998	0.1120	0.8659	0.5991	0.7959	0.9068
33.7	0.1149	0.9957	0.0498	0.0044	0.7711	0.6612	0.6480	0.8289

33.8	0.0431	0.9945	0.0951	0.0361	0.7868	0.6201	0.6699	0.8458
33.9	0.1915	0.9954	0.0232	0.0546	0.8190	0.6352	0.7574	0.8599
34.0	0.1370	0.9961	0.0379	0.1962	0.8377	0.6464	0.7968	0.8604
34.1	0.1310	0.9964	0.0355	0.2668	0.8482	0.6917	0.8177	0.8742
34.2	0.1066	0.9962	0.0166	0.2423	0.8396	0.7094	0.8299	0.8533
34.3	0.1501	0.9963	0.0066	0.1854	0.8381	0.7829	0.8420	0.8535
34.4	0.1027	0.9963	0.0265	0.0679	0.8302	0.7963	0.8152	0.8388
34.5	0.1935	0.9963	0.0201	0.0749	0.8831	0.8123	0.8694	0.8947
34.6	0.1403	0.9965	0.0868	0.0070	0.9101	0.8553	0.8878	0.9113
34.7	0.0333	0.9967	0.1623	0.0108	0.9124	0.8334	0.8916	0.8993
34.8	0.0101	0.9951	0.0151	0.0535	0.8639	0.7744	0.8469	0.8350
34.9	0.1293	0.9952	0.0952	0.1675	0.8778	0.8273	0.8559	0.8564
35.0	0.0787	0.9955	0.0305	0.0957	0.8891	0.8569	0.8682	0.8548
35.1	0.1760	0.9953	0.0212	0.2536	0.9105	0.8168	0.8728	0.8819
35.2	0.2289	0.9963	0.0192	0.2686	0.9193	0.8192	0.8881	0.8919
35.3	0.1716	0.9956	0.0014	0.1787	0.8826	0.8486	0.8495	0.8382
35.4	0.1065	0.9952	0.0018	0.1600	0.8410	0.8222	0.7660	0.7822
35.5	0.1189	0.9956	0.0575	0.2133	0.8745	0.8468	0.7989	0.7987
35.6	0.1213	0.9945	0.0126	0.2266	0.8635	0.8541	0.7879	0.7789
35.7	0.1293	0.9951	0.0160	0.2172	0.8888	0.8806	0.8282	0.7904
35.8	0.1643	0.9951	0.0014	0.2983	0.8981	0.8709	0.8289	0.7908
35.9	0.1584	0.9953	0.0111	0.2646	0.8861	0.8811	0.8269	0.7871
36.0	0.1097	0.9956	0.0164	0.3175	0.9044	0.8416	0.8204	0.8108
36.1	0.0501	0.9944	0.0108	0.3738	0.8846	0.8566	0.7616	0.7416
36.2	0.0681	0.9955	0.0177	0.4302	0.9059	0.9006	0.7370	0.7574
36.3	0.1477	0.9938	0.0076	0.4352	0.8956	0.8592	0.7085	0.7155
36.4	0.1508	0.9936	0.0532	0.4287	0.8775	0.8536	0.6871	0.6826
36.5	0.0724	0.9936	0.1059	0.3448	0.8537	0.8544	0.6643	0.6200
36.6	0.2037	0.9943	0.0152	0.4664	0.8931	0.8783	0.7698	0.6385
36.7	0.3909	0.9956	0.0086	0.6067	0.9243	0.8698	0.8174	0.6829
36.8	0.2638	0.9948	0.0568	0.5371	0.9147	0.8352	0.7748	0.6186
36.9	0.1143	0.9928	0.1005	0.4347	0.8668	0.8384	0.7463	0.4971
37.0	0.2220	0.9947	0.0477	0.4557	0.8846	0.8213	0.8292	0.4233
37.1	0.2726	0.9939	0.0232	0.3596	0.9036	0.8439	0.8661	0.3072
37.2	0.2886	0.9946	0.0228	0.4094	0.8987	0.8740	0.8913	0.2757
37.3	0.2594	0.9921	0.0035	0.3860	0.8799	0.8114	0.8669	0.1685
37.4	0.1128	0.9883	0.0002	0.2561	0.8386	0.7461	0.7985	0.0326
37.5	0.1849	0.9921	0.0700	0.3668	0.8989	0.8226	0.8625	0.0675
37.6	0.2324	0.9920	0.0287	0.2902	0.8853	0.7991	0.8934	0.1454
37.7	0.1461	0.9913	0.0418	0.2099	0.8481	0.7629	0.8825	0.0134
37.8	0.1694	0.9925	0.0468	0.2292	0.8000	0.6921	0.8656	0.0375
37.9	0.3494	0.9941	0.0022	0.3372	0.8513	0.6897	0.9000	0.1068
38.0	0.4626	0.9934	0.0495	0.4506	0.8857	0.7538	0.8802	0.1105
38.1	0.2652	0.9932	0.0118	0.4723	0.8152	0.6560	0.7901	0.0119
38.2	0.3693	0.9905	0.0007	0.4966	0.7087	0.4678	0.6693	0.0156
38.3	0.3352	0.9890	0.0156	0.4431	0.7163	0.4578	0.6359	0.0202
38.4	0.3990	0.9925	0.0057	0.5450	0.7877	0.5185	0.6456	0.0580
38.5	0.4466	0.9908	0.0036	0.5786	0.7342	0.4308	0.5894	0.0328
38.6	0.3888	0.9891	0.0529	0.5133	0.6456	0.4149	0.5621	0.0005
38.7	0.3416	0.9906	0.1420	0.4959	0.6009	0.4241	0.4970	0.0636
38.8	0.3495	0.9898	0.0869	0.5629	0.6963	0.4866	0.6118	0.1504
38.9	0.3564	0.9853	0.1672	0.5305	0.6833	0.4533	0.5811	0.0525
39.0	0.4565	0.9791	0.1000	0.5440	0.6812	0.5208	0.5252	0.1301
39.1	0.4700	0.9821	0.0097	0.5898	0.6993	0.5874	0.4497	0.2233
39.2	0.4423	0.9797	0.0292	0.5888	0.6985	0.5380	0.4665	0.1732
39.3	0.4592	0.9773	0.0672	0.5365	0.6535	0.4901	0.5089	0.1087
39.4	0.5495	0.9790	0.0310	0.5452	0.6787	0.5452	0.5160	0.1076
39.5	0.4772	0.9714	0.0825	0.5291	0.6437	0.5159	0.4586	0.1037
39.6	0.5208	0.9694	0.1962	0.6286	0.6868	0.5924	0.5357	0.2381
39.7	0.5736	0.9592	0.1253	0.6588	0.6734	0.5895	0.5627	0.1754
39.8	0.4845	0.9515	0.1330	0.5176	0.6225	0.5526	0.5289	0.0253
39.9	0.4577	0.9545	0.2004	0.5017	0.6730	0.6562	0.5394	0.0235
40.0	0.5734	0.9632	0.2803	0.4531	0.7308	0.7214	0.6202	0.0300
40.1	0.5883	0.9489	0.2579	0.4827	0.6722	0.6759	0.5641	0.0439
40.2	0.6100	0.9346	0.2292	0.5829	0.5539	0.5966	0.5174	0.0647
40.3	0.6785	0.9309	0.3052	0.5989	0.5885	0.6173	0.6210	0.0336
40.4	0.5874	0.9234	0.2545	0.5032	0.5775	0.6300	0.5565	0.0630
40.5	0.4902	0.8691	0.1354	0.5233	0.6375	0.7075	0.5369	0.0256
40.6	0.6048	0.8383	0.1250	0.5423	0.6719	0.7154	0.6266	0.0050
40.7	0.6748	0.8153	0.1920	0.4641	0.6612	0.7133	0.7358	0.0175
40.8	0.6646	0.8067	0.1787	0.4699	0.5602	0.6574	0.6819	0.0142
40.9	0.6150	0.7263	0.1415	0.4536	0.5687	0.6655	0.5604	0.0171
41.0	0.6356	0.6413	0.1313	0.5384	0.6165	0.7403	0.5883	0.0132
41.1	0.6504	0.5850	0.0766	0.5461	0.5691	0.6975	0.6381	0.0062
41.2	0.6307	0.4791	0.1538	0.5697	0.6052	0.7600	0.6049	0.0055
41.3	0.6738	0.2648	0.1528	0.6145	0.5713	0.7558	0.5364	0.0088
41.4	0.7434	0.0763	0.2165	0.6900	0.6112	0.7739	0.5527	0.0635
41.5	0.6408	0.0648	0.1551	0.5022	0.5642	0.7559	0.4863	0.0137
41.6	0.6809	0.2007	0.0951	0.6472	0.5965	0.7853	0.4983	0.0199
41.7	0.6854	0.3217	0.1026	0.6272	0.5757	0.8003	0.5850	0.0015
41.8	0.7729	0.4498	0.1210	0.5701	0.5956	0.7924	0.6387	0.0001
41.9	0.7437	0.4716	0.0720	0.5542	0.5676	0.7943	0.6388	0.0050
42.0	0.6431	0.5004	0.0691	0.5300	0.4998	0.7448	0.4529	0.0003
42.1	0.7052	0.5896	0.0748	0.6207	0.5412	0.7753	0.4705	0.0200
42.2	0.7602	0.6698	0.0451	0.6423	0.4894	0.8379	0.5754	0.0010
42.3	0.8103	0.8079	0.1069	0.7399	0.4597	0.8735	0.4644	0.0133

42.4	0.7648	0.7863	0.1199	0.6712	0.4428	0.8636	0.4048	0.0203
42.5	0.7812	0.8007	0.0863	0.6689	0.3772	0.8860	0.4761	0.0503
42.6	0.8012	0.8178	0.0856	0.6071	0.3362	0.8803	0.4746	0.1172
42.7	0.7809	0.8291	0.0505	0.6146	0.2377	0.8820	0.4694	0.0508
42.8	0.7332	0.8024	0.0651	0.6454	0.2276	0.8609	0.4630	0.0293
42.9	0.7850	0.8407	0.0767	0.5640	0.2676	0.8840	0.5479	0.1232
43.0	0.7364	0.8356	0.0090	0.5984	0.0505	0.8876	0.2779	0.0750
43.1	0.7123	0.8385	0.0153	0.6808	0.0792	0.9174	0.0871	0.0679
43.2	0.7408	0.8970	0.0093	0.7530	0.1382	0.9463	0.0660	0.0470
43.3	0.7875	0.9324	0.0729	0.7496	0.2843	0.9560	0.0543	0.0240
43.4	0.8084	0.9276	0.0912	0.7691	0.2539	0.9467	0.0596	0.0115
43.5	0.8400	0.9359	0.0649	0.7046	0.2940	0.9536	0.1172	0.0392
43.6	0.8643	0.9471	0.0388	0.7353	0.2203	0.9662	0.0684	0.0283
43.7	0.8431	0.9522	0.0659	0.7923	0.1999	0.9705	0.1343	0.0196
43.8	0.8185	0.9470	0.0456	0.8050	0.2524	0.9744	0.3338	0.0323
43.9	0.8515	0.9545	0.0811	0.7993	0.3348	0.9763	0.2446	0.0323
44.0	0.8670	0.9629	0.0820	0.8323	0.3025	0.9827	0.1816	0.0005
44.1	0.8735	0.9641	0.0394	0.8227	0.1733	0.9844	0.1219	0.0583
44.2	0.8878	0.9700	0.0530	0.8463	0.1624	0.9854	0.3826	0.0230
44.3	0.8898	0.9726	0.0568	0.8525	0.1417	0.9857	0.4323	0.0068
44.4	0.8595	0.9673	0.0383	0.7593	0.0961	0.9765	0.3841	0.0058
44.5	0.8873	0.9773	0.0581	0.7356	0.2225	0.9790	0.3396	0.0064
44.6	0.8888	0.9783	0.0131	0.8140	0.2460	0.9888	0.5291	0.0042
44.7	0.9005	0.9788	0.0035	0.8081	0.2212	0.9890	0.6336	0.0028
44.8	0.8989	0.9724	0.0262	0.7670	0.2705	0.9839	0.6754	0.0485
44.9	0.8719	0.9708	0.0117	0.7537	0.2490	0.9855	0.6849	0.0411
45.0	0.9001	0.9787	0.0137	0.6679	0.3218	0.9874	0.7218	0.0581
45.1	0.9192	0.9811	0.0047	0.7590	0.3120	0.9893	0.7402	0.0615
45.2	0.9272	0.9843	0.0116	0.7993	0.3324	0.9909	0.7444	0.0824
45.3	0.9002	0.9803	0.0168	0.7375	0.2877	0.9889	0.6910	0.1629
45.4	0.8601	0.9768	0.0005	0.7424	0.2382	0.9854	0.6584	0.2430
45.5	0.8712	0.9763	0.0116	0.7708	0.1782	0.9875	0.6139	0.0765
45.6	0.8745	0.9753	0.0945	0.7021	0.3267	0.9871	0.6665	0.0173
45.7	0.8672	0.9781	0.1652	0.6942	0.3957	0.9862	0.7184	0.0698
45.8	0.8894	0.9815	0.0516	0.7811	0.3379	0.9882	0.7654	0.1011
45.9	0.8959	0.9814	0.0396	0.7071	0.2139	0.9844	0.7521	0.0112
46.0	0.9239	0.9876	0.0607	0.7207	0.2133	0.9898	0.7880	0.0201
46.1	0.9281	0.9877	0.0326	0.7845	0.2134	0.9876	0.8238	0.0811
46.2	0.8849	0.9817	0.0308	0.7034	0.2068	0.9822	0.8026	0.0921
46.3	0.9006	0.9848	0.1117	0.7436	0.2935	0.9894	0.8740	0.2861
46.4	0.9109	0.9856	0.0400	0.7790	0.1771	0.9897	0.8625	0.1543
46.5	0.9262	0.9877	0.1789	0.7400	0.3922	0.9915	0.8832	0.3081
46.6	0.9187	0.9876	0.1257	0.6716	0.3671	0.9875	0.8738	0.3871
46.7	0.8840	0.9837	0.0445	0.5516	0.2843	0.9832	0.8168	0.3530
46.8	0.9399	0.9904	0.1935	0.6885	0.4329	0.9908	0.8892	0.4999
46.9	0.9447	0.9911	0.2663	0.6615	0.4483	0.9910	0.8877	0.4974
47.0	0.9321	0.9902	0.1340	0.5663	0.2096	0.9866	0.7786	0.2535
47.1	0.9131	0.9837	0.0988	0.3620	0.1641	0.9770	0.7338	0.1269
47.2	0.9002	0.9812	0.0207	0.3686	0.1236	0.9769	0.7117	0.0820
47.3	0.8990	0.9846	0.0847	0.5395	0.1518	0.9767	0.6592	0.0382
47.4	0.9215	0.9895	0.1462	0.6179	0.2820	0.9821	0.7845	0.0997
47.5	0.9404	0.9906	0.1402	0.5789	0.2986	0.9780	0.8168	0.1978
47.6	0.9221	0.9882	0.1281	0.5495	0.2636	0.9641	0.7513	0.2367
47.7	0.9287	0.9889	0.1252	0.4631	0.2353	0.9676	0.7817	0.3060
47.8	0.9250	0.9875	0.0970	0.4830	0.2707	0.9658	0.7767	0.2243
47.9	0.9283	0.9883	0.0570	0.5155	0.2145	0.9632	0.7232	0.2579
48.0	0.9351	0.9894	0.0631	0.4794	0.1933	0.9614	0.7181	0.3254
48.1	0.9269	0.9895	0.1002	0.4977	0.2914	0.9529	0.7224	0.4057
48.2	0.9353	0.9898	0.1168	0.5045	0.2595	0.9543	0.7079	0.4227
48.3	0.9304	0.9900	0.1498	0.4990	0.2825	0.9541	0.7040	0.4339
48.4	0.9345	0.9878	0.1591	0.5017	0.2720	0.9361	0.6814	0.4959
48.5	0.9423	0.9902	0.0948	0.4521	0.2296	0.9493	0.6781	0.5197
48.6	0.9460	0.9896	0.1081	0.4681	0.2475	0.9532	0.6913	0.5702
48.7	0.9419	0.9910	0.1252	0.4236	0.1814	0.9465	0.6468	0.5789
48.8	0.9454	0.9901	0.1047	0.4338	0.2485	0.9477	0.6142	0.5657
48.9	0.9569	0.9918	0.0778	0.4427	0.2463	0.9502	0.6372	0.5009
49.0	0.9308	0.9888	0.0407	0.2709	0.1028	0.9195	0.5622	0.2327
49.1	0.9395	0.9889	0.0501	0.3312	0.1200	0.8971	0.5458	0.2730
49.2	0.9217	0.9862	0.0292	0.3611	0.1594	0.8872	0.4620	0.3776
49.3	0.9210	0.9877	0.0387	0.3209	0.1917	0.9148	0.4984	0.4753
49.4	0.9316	0.9864	0.0547	0.3701	0.1588	0.9056	0.4321	0.4275
49.5	0.9357	0.9863	0.0398	0.3644	0.0829	0.8979	0.4084	0.2328
49.6	0.9322	0.9882	0.0628	0.3726	0.1040	0.9029	0.4071	0.2814
49.7	0.9371	0.9883	0.1617	0.4660	0.0600	0.9192	0.4041	0.4658
49.8	0.9454	0.9908	0.0553	0.3899	0.0704	0.9200	0.2817	0.4398
49.9	0.9344	0.9899	0.0498	0.3730	0.1417	0.8744	0.3236	0.2891
50.0	0.9442	0.9894	0.0012	0.2312	0.1404	0.8252	0.1693	0.1186
50.1	0.9450	0.9905	0.0022	0.2769	0.1768	0.8858	0.1656	0.3415
50.2	0.9490	0.9915	0.0359	0.4108	0.1650	0.9127	0.2544	0.5961
50.3	0.9584	0.9926	0.0162	0.3876	0.1599	0.9251	0.2187	0.5543
50.4	0.9331	0.9894	0.0070	0.1759	0.1849	0.8587	0.1957	0.4090
50.5	0.9352	0.9905	0.0108	0.2902	0.1522	0.8512	0.1774	0.3405
50.6	0.9421	0.9902	0.0513	0.4303	0.2800	0.8745	0.2377	0.5032
50.7	0.9382	0.9879	0.0204	0.3420	0.1957	0.8602	0.1415	0.5288
50.8	0.9429	0.9908	0.0178	0.2676	0.1917	0.8527	0.1125	0.5216
50.9	0.9592	0.9936	0.0651	0.4082	0.0973	0.8921	0.1358	0.6053

51.0	0.9647	0.9931	0.1247	0.4737	0.1382	0.8492	0.2395	0.4940
51.1	0.9387	0.9897	0.1211	0.4311	0.1493	0.8221	0.2151	0.4728
51.2	0.9309	0.9866	0.0479	0.3532	0.1421	0.6937	0.1492	0.2123
51.3	0.9568	0.9918	0.0793	0.5509	0.0835	0.7036	0.1306	0.0824
51.4	0.9513	0.9918	0.1452	0.6335	0.1022	0.8119	0.1789	0.4314
51.5	0.9596	0.9930	0.0470	0.5791	0.1777	0.8523	0.1288	0.5954
51.6	0.9724	0.9939	0.0019	0.4189	0.2768	0.8756	0.1052	0.5984
51.7	0.9685	0.9928	0.0175	0.3905	0.2282	0.8669	0.0545	0.5961
51.8	0.9519	0.9910	0.0318	0.3704	0.0789	0.8115	0.0057	0.5198
51.9	0.9538	0.9932	0.0073	0.3677	0.1153	0.7638	0.0148	0.4290
52.0	0.9512	0.9923	0.0015	0.4011	0.1460	0.6952	0.0321	0.4675
52.1	0.9571	0.9917	0.0386	0.5662	0.1881	0.7153	0.0582	0.5571
52.2	0.9661	0.9936	0.0336	0.6184	0.1504	0.6931	0.0188	0.2027
52.3	0.9645	0.9930	0.0028	0.5957	0.2638	0.6524	0.0997	0.0536
52.4	0.9456	0.9894	0.0119	0.5086	0.2378	0.6190	0.0966	0.2628
52.5	0.9350	0.9890	0.0219	0.5267	0.1303	0.5991	0.0280	0.4934
52.6	0.9509	0.9911	0.0513	0.6341	0.1138	0.6147	0.0143	0.4647
52.7	0.9397	0.9911	0.0019	0.5673	0.2262	0.5606	0.1003	0.1413
52.8	0.9647	0.9933	0.0106	0.5534	0.3254	0.7114	0.1998	0.0012
52.9	0.9606	0.9925	0.0041	0.5978	0.2184	0.7377	0.1080	0.3548
53.0	0.9616	0.9930	0.0696	0.6674	0.1851	0.7835	0.1199	0.4176
53.1	0.9538	0.9909	0.1618	0.6739	0.0604	0.7309	0.0857	0.1515
53.2	0.9620	0.9917	0.0632	0.7163	0.1211	0.7759	0.0948	0.1895
53.3	0.9592	0.9924	0.0768	0.7125	0.2027	0.8135	0.2192	0.2229
53.4	0.9581	0.9927	0.0707	0.7289	0.1314	0.7954	0.1725	0.3203
53.5	0.9639	0.9927	0.0264	0.7743	0.1178	0.7565	0.0582	0.2658
53.6	0.9626	0.9930	0.0450	0.7756	0.0692	0.7557	0.0514	0.0977
53.7	0.9618	0.9926	0.0728	0.8240	0.1159	0.8161	0.1522	0.2119
53.8	0.9628	0.9918	0.1869	0.8648	0.1133	0.8162	0.2384	0.2121
53.9	0.9654	0.9915	0.1858	0.8786	0.0351	0.8094	0.1785	0.3145
54.0	0.9655	0.9922	0.1721	0.8899	0.0182	0.7903	0.1632	0.2733
54.1	0.9626	0.9922	0.1014	0.8965	0.0480	0.7359	0.0908	0.1036
54.2	0.9630	0.9927	0.0669	0.8966	0.1187	0.8014	0.1490	0.4235
54.3	0.9710	0.9931	0.1850	0.9105	0.2283	0.8754	0.3212	0.5205
54.4	0.9755	0.9933	0.0958	0.9039	0.0988	0.8802	0.1994	0.6443
54.5	0.9685	0.9929	0.1191	0.9068	0.0401	0.8518	0.1613	0.5921
54.6	0.9683	0.9932	0.2302	0.9264	0.0694	0.8003	0.2286	0.2487
54.7	0.9667	0.9918	0.1013	0.9071	0.0633	0.7915	0.1274	0.0998
54.8	0.9692	0.9932	0.1509	0.8991	0.0176	0.8328	0.0862	0.3071
54.9	0.9707	0.9943	0.1319	0.9117	0.0499	0.8469	0.1267	0.5853
55.0	0.9722	0.9944	0.1175	0.9137	0.0891	0.8881	0.2011	0.7045
55.1	0.9618	0.9926	0.0792	0.8867	0.0731	0.8721	0.1555	0.7432
55.2	0.9549	0.9893	0.0728	0.8464	0.0397	0.8338	0.0376	0.7515
55.3	0.9642	0.9913	0.0794	0.8503	0.0367	0.8619	0.0015	0.8247
55.4	0.9649	0.9912	0.0386	0.8588	0.0373	0.8591	0.0136	0.8217
55.5	0.9683	0.9910	0.0162	0.8905	0.0184	0.8578	0.0902	0.7282
55.6	0.9648	0.9901	0.0275	0.8721	0.0515	0.8652	0.1360	0.7919
55.7	0.9675	0.9910	0.0539	0.8733	0.1124	0.8559	0.1168	0.8619
55.8	0.9730	0.9917	0.0564	0.8914	0.1356	0.8705	0.0901	0.8711
55.9	0.9707	0.9919	0.0354	0.8781	0.1269	0.8405	0.0758	0.8747
56.0	0.9763	0.9934	0.0289	0.8942	0.1377	0.7963	0.0493	0.8993
56.1	0.9741	0.9935	0.0519	0.9160	0.1599	0.8103	0.0711	0.8756
56.2	0.9794	0.9941	0.0103	0.9325	0.0816	0.9022	0.1314	0.8890
56.3	0.9799	0.9937	0.0081	0.9337	0.1817	0.9458	0.1481	0.9300
56.4	0.9765	0.9933	0.0692	0.9211	0.2327	0.9232	0.0554	0.9350
56.5	0.9801	0.9952	0.0552	0.9361	0.2953	0.9212	0.0981	0.9461
56.6	0.9783	0.9937	0.0695	0.9348	0.3228	0.9243	0.2449	0.9521
56.7	0.9712	0.9897	0.0285	0.9220	0.2197	0.9112	0.1495	0.9522
56.8	0.9629	0.9883	0.0081	0.9217	0.2076	0.8893	0.0850	0.9448
56.9	0.9745	0.9945	0.0610	0.9352	0.3529	0.9168	0.2248	0.9686
57.0	0.9789	0.9944	0.1554	0.9510	0.4758	0.9099	0.3426	0.9632
57.1	0.9771	0.9927	0.0877	0.9522	0.4211	0.8610	0.2259	0.9407
57.2	0.9766	0.9932	0.0756	0.9417	0.4088	0.7710	0.1753	0.9218
57.3	0.9580	0.9881	0.1145	0.9268	0.4887	0.7683	0.2166	0.8666
57.4	0.9666	0.9897	0.0519	0.9352	0.5438	0.8538	0.2204	0.8578
57.5	0.9780	0.9929	0.0800	0.9460	0.7041	0.9131	0.3368	0.8836
57.6	0.9799	0.9928	0.0250	0.9537	0.6897	0.9300	0.2356	0.9380
57.7	0.9753	0.9923	0.0162	0.9460	0.5487	0.9316	0.1058	0.9508
57.8	0.9744	0.9914	0.0078	0.9432	0.5527	0.9066	0.0898	0.9635
57.9	0.9780	0.9921	0.0007	0.9532	0.6490	0.9147	0.1084	0.9646
58.0	0.9746	0.9908	0.0118	0.9459	0.6729	0.9161	0.1267	0.9567
58.1	0.9737	0.9905	0.0683	0.9366	0.7510	0.8843	0.2535	0.9352
58.2	0.9734	0.9919	0.0604	0.9357	0.7529	0.8576	0.2065	0.9190
58.3	0.9758	0.9923	0.0546	0.9372	0.7946	0.8796	0.1791	0.9364
58.4	0.9735	0.9914	0.0784	0.9341	0.7987	0.8802	0.2186	0.9528
58.5	0.9726	0.9891	0.0597	0.9281	0.8210	0.8810	0.2249	0.9543
58.6	0.9704	0.9866	0.0550	0.9271	0.8572	0.8998	0.2354	0.9422
58.7	0.9692	0.9860	0.0143	0.9310	0.8480	0.8933	0.1490	0.9290
58.8	0.9758	0.9895	0.0124	0.9534	0.8900	0.9048	0.1758	0.9529
58.9	0.9817	0.9915	0.0872	0.9500	0.9093	0.9159	0.3479	0.9674
59.0	0.9806	0.9915	0.0483	0.9494	0.9126	0.9296	0.3310	0.9654
59.1	0.9771	0.9918	0.0186	0.9534	0.9034	0.9303	0.2947	0.9677
59.2	0.9829	0.9926	0.0239	0.9495	0.9181	0.9183	0.2794	0.9690
59.3	0.9832	0.9927	0.0701	0.9476	0.9439	0.9453	0.4560	0.9727
59.4	0.9769	0.9906	0.0978	0.9423	0.9374	0.9370	0.4954	0.9608
59.5	0.9738	0.9860	0.0316	0.9349	0.9196	0.9034	0.3243	0.9502

59.6	0.9748	0.9843	0.1022	0.9429	0.9381	0.9153	0.4881	0.9448
59.7	0.9671	0.9831	0.0634	0.9334	0.9380	0.9209	0.4735	0.9526
59.8	0.9712	0.9834	0.0013	0.9430	0.9307	0.9109	0.3376	0.9378
59.9	0.9693	0.9854	0.0114	0.9469	0.9295	0.9101	0.3415	0.9424
60.0	0.9751	0.9858	0.0610	0.9389	0.9060	0.9180	0.3537	0.9533
60.1	0.9798	0.9892	0.0259	0.9490	0.9450	0.9419	0.5066	0.9690
60.2	0.9827	0.9924	0.0150	0.9551	0.9690	0.9504	0.5538	0.9790
60.3	0.9813	0.9908	0.0041	0.9574	0.9668	0.9395	0.5088	0.9606
60.4	0.9808	0.9880	0.0341	0.9567	0.9628	0.9401	0.5954	0.9600
60.5	0.9781	0.9886	0.0654	0.9569	0.9644	0.9410	0.5662	0.9588
60.6	0.9733	0.9875	0.0594	0.9488	0.9624	0.9385	0.5549	0.9585
60.7	0.9759	0.9880	0.0513	0.9453	0.9743	0.9601	0.6828	0.9734
60.8	0.9823	0.9910	0.0038	0.9549	0.9673	0.9608	0.5736	0.9688
60.9	0.9796	0.9891	0.0018	0.9468	0.9541	0.9471	0.4790	0.9556
61.0	0.9756	0.9870	0.0075	0.9438	0.9579	0.9513	0.4990	0.9570
61.1	0.9758	0.9860	0.0049	0.9531	0.9589	0.9534	0.5350	0.9612
61.2	0.9762	0.9863	0.0013	0.9540	0.9717	0.9504	0.5823	0.9604
61.3	0.9709	0.9843	0.0187	0.9513	0.9677	0.9427	0.5940	0.9602
61.4	0.9765	0.9871	0.0008	0.9529	0.9640	0.9603	0.6276	0.9687
61.5	0.9787	0.9883	0.0064	0.9518	0.9682	0.9676	0.6486	0.9750
61.6	0.9811	0.9888	0.0192	0.9489	0.9730	0.9701	0.7119	0.9734
61.7	0.9769	0.9865	0.0395	0.9434	0.9709	0.9704	0.6327	0.9765
61.8	0.9767	0.9869	0.0659	0.9349	0.9739	0.9685	0.6240	0.9733
61.9	0.9691	0.9833	0.0118	0.9392	0.9673	0.9613	0.6731	0.9699
62.0	0.9730	0.9848	0.0194	0.9486	0.9732	0.9638	0.7074	0.9724
62.1	0.9814	0.9880	0.0342	0.9605	0.9731	0.9730	0.6951	0.9785
62.2	0.9809	0.9868	0.0534	0.9465	0.9681	0.9683	0.6450	0.9733
62.3	0.9797	0.9879	0.1249	0.9434	0.9716	0.9753	0.6270	0.9743
62.4	0.9697	0.9828	0.0823	0.9315	0.9640	0.9682	0.6244	0.9694
62.5	0.9740	0.9829	0.0299	0.9539	0.9665	0.9646	0.7093	0.9668
62.6	0.9789	0.9854	0.0780	0.9507	0.9713	0.9750	0.7136	0.9772
62.7	0.9771	0.9839	0.0861	0.9466	0.9703	0.9737	0.6625	0.9767
62.8	0.9739	0.9842	0.0234	0.9431	0.9687	0.9730	0.6715	0.9740
62.9	0.9776	0.9869	0.1743	0.9526	0.9763	0.9726	0.6978	0.9698
63.0	0.9758	0.9831	0.1647	0.9462	0.9711	0.9691	0.6697	0.9652
63.1	0.9767	0.9819	0.0756	0.9533	0.9665	0.9704	0.7321	0.9726
63.2	0.9745	0.9801	0.1531	0.9573	0.9588	0.9641	0.6400	0.9633
63.3	0.9798	0.9852	0.2337	0.9573	0.9690	0.9780	0.7198	0.9773
63.4	0.9759	0.9836	0.1489	0.9527	0.9711	0.9767	0.7614	0.9794
63.5	0.9857	0.9897	0.1220	0.9638	0.9798	0.9774	0.7840	0.9775
63.6	0.9825	0.9862	0.1312	0.9642	0.9776	0.9752	0.8139	0.9754
63.7	0.9802	0.9860	0.1371	0.9632	0.9778	0.9808	0.7709	0.9787
63.8	0.9813	0.9871	0.0274	0.9465	0.9740	0.9829	0.8116	0.9833
63.9	0.9728	0.9819	0.0436	0.9372	0.9671	0.9757	0.7815	0.9756
64.0	0.9763	0.9844	0.0603	0.9495	0.9683	0.9793	0.7968	0.9777
64.1	0.9740	0.9809	0.0624	0.9503	0.9642	0.9739	0.7474	0.9712
64.2	0.9747	0.9799	0.1022	0.9222	0.9523	0.9686	0.6545	0.9563
64.3	0.9690	0.9822	0.1048	0.9196	0.9590	0.9759	0.7026	0.9685
64.4	0.9738	0.9839	0.0329	0.9286	0.9602	0.9790	0.7797	0.9737
64.5	0.9813	0.9860	0.0597	0.9480	0.9696	0.9819	0.8027	0.9768
64.6	0.9746	0.9824	0.1428	0.9408	0.9720	0.9745	0.7955	0.9732
64.7	0.9712	0.9807	0.1820	0.9389	0.9680	0.9708	0.7447	0.9682
64.8	0.9787	0.9852	0.0711	0.9390	0.9697	0.9790	0.7731	0.9810
64.9	0.9793	0.9851	0.0503	0.9249	0.9591	0.9807	0.7841	0.9830
65.0	0.9626	0.9756	0.0760	0.8947	0.9401	0.9678	0.7300	0.9638
65.1	0.9731	0.9800	0.0958	0.9329	0.9500	0.9761	0.7668	0.9711
65.2	0.9829	0.9877	0.1843	0.9597	0.9693	0.9838	0.7775	0.9789
65.3	0.9802	0.9849	0.1259	0.9458	0.9681	0.9816	0.7984	0.9776
65.4	0.9733	0.9795	0.0590	0.9387	0.9435	0.9734	0.8224	0.9653
65.5	0.9743	0.9816	0.0306	0.9305	0.9326	0.9775	0.7558	0.9686
65.6	0.9787	0.9850	0.0954	0.9145	0.9490	0.9861	0.7388	0.9775
65.7	0.9772	0.9826	0.2098	0.9194	0.9405	0.9845	0.7560	0.9768
65.8	0.9779	0.9815	0.1336	0.9353	0.9220	0.9796	0.7782	0.9753
65.9	0.9811	0.9857	0.0981	0.9248	0.9286	0.9865	0.7509	0.9752
66.0	0.9804	0.9835	0.1573	0.9356	0.9297	0.9833	0.7803	0.9709
66.1	0.9799	0.9840	0.0611	0.9466	0.9220	0.9852	0.8317	0.9762
66.2	0.9785	0.9835	0.0573	0.9422	0.9239	0.9805	0.8063	0.9777
66.3	0.9791	0.9842	0.0740	0.9336	0.8977	0.9825	0.7939	0.9779
66.4	0.9858	0.9890	0.0994	0.9323	0.9327	0.9874	0.8301	0.9839
66.5	0.9863	0.9891	0.0778	0.9340	0.9370	0.9868	0.8184	0.9836
66.6	0.9848	0.9873	0.0841	0.9321	0.9285	0.9857	0.8027	0.9822
66.7	0.9761	0.9803	0.1506	0.9034	0.9139	0.9808	0.7335	0.9754
66.8	0.9719	0.9807	0.2331	0.8903	0.9223	0.9797	0.7690	0.9816
66.9	0.9752	0.9835	0.2834	0.9015	0.9176	0.9824	0.7530	0.9797
67.0	0.9749	0.9831	0.1201	0.8806	0.9090	0.9830	0.7594	0.9725
67.1	0.9784	0.9840	0.0295	0.9089	0.9139	0.9838	0.8150	0.9779
67.2	0.9841	0.9878	0.1474	0.9176	0.9236	0.9857	0.7945	0.9746
67.3	0.9773	0.9826	0.1994	0.8483	0.9215	0.9816	0.6860	0.9659
67.4	0.9761	0.9811	0.1669	0.8714	0.9143	0.9833	0.7074	0.9755
67.5	0.9844	0.9894	0.2245	0.8946	0.9577	0.9893	0.8155	0.9840
67.6	0.9799	0.9871	0.2497	0.8637	0.9525	0.9857	0.7830	0.9727
67.7	0.9810	0.9870	0.2728	0.8853	0.9592	0.9845	0.8050	0.9755
67.8	0.9830	0.9868	0.3019	0.8977	0.9580	0.9870	0.7973	0.9787
67.9	0.9802	0.9825	0.3009	0.8782	0.9436	0.9809	0.7699	0.9703
68.0	0.9775	0.9799	0.3097	0.8721	0.9394	0.9757	0.8082	0.9723
68.1	0.9809	0.9852	0.3281	0.8596	0.9542	0.9827	0.8468	0.9767

68.2	0.9845	0.9884	0.4028	0.8583	0.9635	0.9871	0.8460	0.9723
68.3	0.9833	0.9870	0.3381	0.8566	0.9661	0.9840	0.8531	0.9721
68.4	0.9817	0.9851	0.4097	0.8011	0.9575	0.9850	0.7725	0.9578
68.5	0.9851	0.9893	0.4296	0.8365	0.9710	0.9894	0.8243	0.9652
68.6	0.9870	0.9918	0.4253	0.8407	0.9701	0.9901	0.8721	0.9702
68.7	0.9845	0.9879	0.4814	0.8391	0.9605	0.9865	0.8275	0.9639
68.8	0.9831	0.9844	0.5415	0.8259	0.9594	0.9859	0.7730	0.9635
68.9	0.9837	0.9877	0.4445	0.8419	0.9666	0.9916	0.8272	0.9724
69.0	0.9833	0.9885	0.4729	0.8112	0.9687	0.9897	0.8145	0.9675
69.1	0.9841	0.9882	0.5442	0.7458	0.9716	0.9820	0.7589	0.9609
69.2	0.9844	0.9893	0.4581	0.7383	0.9781	0.9834	0.8043	0.9521
69.3	0.9826	0.9894	0.4402	0.7550	0.9726	0.9862	0.7899	0.9502
69.4	0.9854	0.9907	0.5891	0.7624	0.9755	0.9871	0.8201	0.9629
69.5	0.9862	0.9911	0.6379	0.7590	0.9763	0.9880	0.8188	0.9628
69.6	0.9868	0.9930	0.6821	0.7240	0.9827	0.9911	0.8027	0.9638
69.7	0.9859	0.9910	0.6097	0.7619	0.9752	0.9898	0.7985	0.9480
69.8	0.9843	0.9899	0.6143	0.7383	0.9768	0.9889	0.7822	0.9528
69.9	0.9885	0.9930	0.6729	0.7517	0.9787	0.9890	0.7832	0.9605
70.0	0.9873	0.9916	0.7128	0.7191	0.9771	0.9881	0.7963	0.9607
70.1	0.9870	0.9912	0.7375	0.7019	0.9753	0.9882	0.7768	0.9525
70.2	0.9815	0.9898	0.7278	0.5526	0.9664	0.9850	0.6436	0.9260
70.3	0.9858	0.9907	0.7953	0.6295	0.9706	0.9903	0.7310	0.9521
70.4	0.9833	0.9908	0.7265	0.5823	0.9676	0.9896	0.7580	0.9456
70.5	0.9810	0.9878	0.6632	0.5363	0.9631	0.9870	0.7352	0.9143
70.6	0.9809	0.9892	0.6857	0.5321	0.9624	0.9875	0.7239	0.9363
70.7	0.9842	0.9909	0.6819	0.4367	0.9515	0.9796	0.7577	0.9156
70.8	0.9863	0.9932	0.7322	0.5352	0.9607	0.9833	0.8224	0.9022
70.9	0.9828	0.9926	0.8085	0.4759	0.9545	0.9854	0.7877	0.9262
71.0	0.9798	0.9902	0.8107	0.3360	0.9299	0.9838	0.7601	0.9263
71.1	0.9871	0.9929	0.8415	0.5172	0.9453	0.9853	0.8042	0.9355
71.2	0.9859	0.9928	0.8231	0.4140	0.9436	0.9860	0.8034	0.9212
71.3	0.9815	0.9904	0.8016	0.2224	0.9073	0.9830	0.7569	0.9141
71.4	0.9767	0.9889	0.7453	0.1626	0.8754	0.9821	0.7401	0.9229
71.5	0.9830	0.9923	0.7833	0.3052	0.8686	0.9786	0.8261	0.9230
71.6	0.9821	0.9914	0.8052	0.3532	0.8712	0.9810	0.8764	0.8956
71.7	0.9808	0.9917	0.8213	0.2828	0.8577	0.9815	0.8768	0.8963
71.8	0.9816	0.9923	0.8122	0.2209	0.8485	0.9795	0.8423	0.9071
71.9	0.9835	0.9922	0.8716	0.1964	0.8641	0.9789	0.8545	0.9096
72.0	0.9891	0.9956	0.9072	0.3044	0.8854	0.9877	0.9145	0.9265
72.1	0.9803	0.9944	0.8608	0.2400	0.8057	0.9765	0.8764	0.8828
72.2	0.9725	0.9913	0.7681	0.1095	0.6986	0.9689	0.8209	0.8420
72.3	0.9783	0.9930	0.8304	0.2062	0.6861	0.9810	0.8423	0.8901
72.4	0.9846	0.9943	0.9118	0.2074	0.7678	0.9838	0.8897	0.9307
72.5	0.9826	0.9937	0.8970	0.1629	0.7676	0.9836	0.8902	0.8962
72.6	0.9642	0.9892	0.8291	0.1032	0.5795	0.9690	0.7603	0.8128
72.7	0.9690	0.9892	0.8075	0.1553	0.5512	0.9690	0.7883	0.8427
72.8	0.9696	0.9918	0.8394	0.1726	0.4580	0.9694	0.8078	0.8712
72.9	0.9707	0.9928	0.8928	0.1792	0.4334	0.9710	0.8234	0.8872
73.0	0.9738	0.9930	0.8848	0.2175	0.4637	0.9706	0.8210	0.8627
73.1	0.9752	0.9929	0.8777	0.2403	0.6182	0.9790	0.8453	0.9013
73.2	0.9727	0.9930	0.8692	0.3353	0.6064	0.9732	0.8483	0.9044
73.3	0.9649	0.9919	0.8060	0.2721	0.5961	0.9568	0.8359	0.8728
73.4	0.9600	0.9903	0.7973	0.1687	0.4897	0.9362	0.7858	0.8702
73.5	0.9629	0.9926	0.8938	0.2689	0.5537	0.9518	0.8248	0.9268
73.6	0.9691	0.9939	0.9105	0.4215	0.6739	0.9638	0.8688	0.9265
73.7	0.9715	0.9938	0.8950	0.3884	0.6138	0.9577	0.8352	0.9286
73.8	0.9735	0.9937	0.8966	0.4583	0.6755	0.9616	0.8433	0.9291
73.9	0.9687	0.9923	0.8821	0.4121	0.7031	0.9603	0.8294	0.9067
74.0	0.9629	0.9935	0.8532	0.4590	0.7615	0.9549	0.8614	0.8991
74.1	0.9673	0.9944	0.8659	0.5663	0.7417	0.9541	0.8553	0.9178
74.2	0.9694	0.9944	0.8958	0.6268	0.7956	0.9474	0.8900	0.9316
74.3	0.9674	0.9945	0.9128	0.6046	0.8110	0.9527	0.8779	0.9198
74.4	0.9685	0.9943	0.8970	0.5411	0.7817	0.9550	0.8551	0.9103
74.5	0.9681	0.9946	0.8774	0.5471	0.7550	0.9293	0.8387	0.9068
74.6	0.9619	0.9944	0.8495	0.6515	0.8226	0.9271	0.8823	0.8981
74.7	0.9475	0.9934	0.8432	0.6891	0.8065	0.9333	0.8620	0.9072
74.8	0.9410	0.9926	0.8499	0.6214	0.7982	0.9307	0.8535	0.8968
74.9	0.9435	0.9926	0.8405	0.6303	0.8005	0.9170	0.8534	0.8632
75.0	0.9580	0.9948	0.8467	0.7202	0.8438	0.9331	0.8711	0.8754
75.1	0.9605	0.9942	0.8269	0.7835	0.8367	0.9396	0.8710	0.8737
75.2	0.9314	0.9923	0.7758	0.7234	0.7995	0.9023	0.8324	0.8716
75.3	0.9153	0.9911	0.7259	0.6885	0.7738	0.8685	0.7930	0.8132
75.4	0.9428	0.9923	0.7626	0.7236	0.8190	0.8887	0.8379	0.8379
75.5	0.9363	0.9933	0.7876	0.6809	0.8415	0.8856	0.8606	0.7985
75.6	0.9448	0.9952	0.8092	0.7547	0.8933	0.9120	0.9044	0.8503
75.7	0.9381	0.9941	0.7957	0.8150	0.8864	0.9126	0.8880	0.8945
75.8	0.9322	0.9933	0.7772	0.7892	0.8453	0.8958	0.8416	0.8528
75.9	0.9316	0.9939	0.7515	0.7350	0.8371	0.8661	0.8376	0.8202
76.0	0.9254	0.9931	0.7599	0.6854	0.8596	0.8892	0.8574	0.8190
76.1	0.9173	0.9917	0.7135	0.7372	0.8784	0.8947	0.8773	0.8222
76.2	0.9331	0.9939	0.7585	0.7543	0.8974	0.9108	0.8929	0.8195
76.3	0.9187	0.9930	0.7724	0.7634	0.8990	0.8991	0.8939	0.8205
76.4	0.9076	0.9936	0.7511	0.7914	0.8910	0.8960	0.8690	0.8020
76.5	0.8746	0.9888	0.6277	0.7584	0.8325	0.8364	0.7972	0.7366
76.6	0.8816	0.9886	0.5882	0.7583	0.8380	0.8427	0.8057	0.6631
76.7	0.9133	0.9892	0.7099	0.7942	0.8719	0.8664	0.8503	0.6651

76.8	0.9231	0.9888	0.6870	0.7936	0.8716	0.8652	0.8365	0.6933
76.9	0.9138	0.9926	0.7334	0.7924	0.9156	0.8882	0.8697	0.7837
77.0	0.9094	0.9940	0.7286	0.8310	0.9214	0.8945	0.8833	0.7379
77.1	0.8973	0.9919	0.6458	0.8064	0.8991	0.8673	0.8553	0.6750
77.2	0.8630	0.9892	0.5383	0.7982	0.8777	0.8109	0.8025	0.6297
77.3	0.8449	0.9878	0.5648	0.8029	0.8742	0.8370	0.8071	0.6091
77.4	0.8763	0.9924	0.6880	0.8239	0.9191	0.9012	0.8565	0.6936
77.5	0.8811	0.9918	0.6390	0.7957	0.9275	0.8983	0.8480	0.7100
77.6	0.8492	0.9889	0.5144	0.7503	0.9059	0.8727	0.8157	0.6202
77.7	0.8180	0.9902	0.4258	0.7829	0.8868	0.8713	0.7991	0.5949
77.8	0.8520	0.9910	0.6167	0.8537	0.9045	0.9102	0.8091	0.6555
77.9	0.8395	0.9903	0.6920	0.7831	0.9282	0.9124	0.8103	0.6870
78.0	0.7277	0.9855	0.5302	0.7093	0.9106	0.8502	0.7870	0.5824
78.1	0.7467	0.9828	0.4744	0.7072	0.8812	0.8563	0.7410	0.5975
78.2	0.7958	0.9858	0.3873	0.7055	0.8860	0.8633	0.7189	0.5492
78.3	0.8298	0.9883	0.5590	0.8011	0.9304	0.9231	0.7964	0.6465
78.4	0.8373	0.9881	0.5564	0.8353	0.9216	0.9330	0.7775	0.6479
78.5	0.8073	0.9895	0.4418	0.7765	0.9377	0.9366	0.7843	0.6288
78.6	0.7949	0.9868	0.4568	0.7218	0.9309	0.9119	0.7421	0.6507
78.7	0.8087	0.9874	0.4755	0.8035	0.9110	0.9288	0.6575	0.6635
78.8	0.8073	0.9882	0.4205	0.8261	0.8879	0.9377	0.5582	0.5783
78.9	0.7830	0.9874	0.3319	0.7223	0.8774	0.9383	0.5229	0.6124
79.0	0.8277	0.9918	0.2439	0.5672	0.8866	0.9559	0.6830	0.7244
79.1	0.8193	0.9895	0.4367	0.6355	0.9231	0.9611	0.7963	0.7808
79.2	0.7466	0.9800	0.4960	0.7124	0.9160	0.9318	0.7506	0.7803
79.3	0.7285	0.9765	0.4387	0.6733	0.9004	0.9337	0.6821	0.7262
79.4	0.8111	0.9855	0.5066	0.7910	0.9284	0.9628	0.7932	0.7420
79.5	0.7806	0.9861	0.5645	0.8064	0.9261	0.9614	0.7726	0.7208
79.6	0.7697	0.9824	0.4933	0.7855	0.9069	0.9458	0.7198	0.7071
79.7	0.7515	0.9838	0.4719	0.7633	0.9112	0.9565	0.7123	0.7722
79.8	0.7219	0.9798	0.4736	0.7121	0.9282	0.9552	0.6988	0.7397
79.9	0.6992	0.9760	0.3841	0.6516	0.8907	0.9571	0.6157	0.7496
80.0	0.7102	0.9746	0.2868	0.7218	0.8920	0.9493	0.5936	0.7451

2.2.98 Run 9 – IP270A10 – Accels 9–16

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.1093	0.5510	0.3903	0.8943	0.6204	0.0724	0.7780	0.5785
0.1	0.0473	0.2748	0.1677	0.7305	0.4047	0.0440	0.5767	0.3619
0.2	0.0159	0.0047	0.0096	0.0077	0.0043	0.0125	0.0650	0.0567
0.3	0.0496	0.0137	0.0077	0.0287	0.0160	0.0282	0.0025	0.0052
0.4	0.0030	0.0187	0.0454	0.0020	0.0090	0.0021	0.0013	0.0027
0.5	0.0150	0.0194	0.0025	0.0178	0.0051	0.0108	0.0156	0.0006
0.6	0.0219	0.0199	0.0064	0.0503	0.0048	0.0436	0.0181	0.0020
0.7	0.0135	0.0618	0.0119	0.2402	0.0276	0.0155	0.2335	0.0289
0.8	0.2383	0.2674	0.0307	0.6547	0.0028	0.0140	0.6347	0.0022
0.9	0.5601	0.4233	0.0073	0.7228	0.0084	0.0550	0.6515	0.0088
1.0	0.4965	0.3747	0.1189	0.6443	0.0629	0.0104	0.6163	0.0022
1.1	0.8277	0.6999	0.4287	0.7826	0.0514	0.0602	0.7684	0.0310
1.2	0.9223	0.8641	0.6206	0.8239	0.1031	0.2784	0.8169	0.0810
1.3	0.9446	0.9357	0.7394	0.8606	0.4085	0.5313	0.8623	0.1570
1.4	0.9456	0.9416	0.5845	0.7635	0.5807	0.4822	0.7614	0.4311
1.5	0.9588	0.9574	0.3157	0.5041	0.3788	0.3513	0.5032	0.3687
1.6	0.9549	0.9577	0.2013	0.1753	0.0588	0.2314	0.1782	0.0813
1.7	0.9310	0.9420	0.4088	0.6838	0.3580	0.1359	0.6858	0.5603
1.8	0.8835	0.8986	0.6314	0.8180	0.7190	0.4132	0.8188	0.7371
1.9	0.8824	0.8980	0.8550	0.8716	0.8183	0.7572	0.8719	0.8457
2.0	0.7388	0.7558	0.8692	0.7300	0.6599	0.5997	0.7299	0.6630
2.1	0.7562	0.7404	0.8527	0.7536	0.7084	0.7642	0.7535	0.5786
2.2	0.8780	0.8322	0.6799	0.8684	0.8145	0.6841	0.8686	0.5838
2.3	0.9462	0.8951	0.4897	0.9285	0.8911	0.4299	0.9277	0.6199
2.4	0.9704	0.9372	0.5241	0.9664	0.9293	0.3047	0.9664	0.7479
2.5	0.9825	0.9318	0.8973	0.9799	0.9202	0.6653	0.9800	0.7391
2.6	0.9821	0.8882	0.9490	0.9792	0.9267	0.6254	0.9791	0.6400
2.7	0.9892	0.8928	0.9832	0.9867	0.9526	0.6328	0.9867	0.6007
2.8	0.9907	0.8588	0.9924	0.9884	0.9614	0.6416	0.9885	0.5201
2.9	0.9932	0.8248	0.9930	0.9914	0.9610	0.6706	0.9914	0.5144
3.0	0.9938	0.7457	0.9943	0.9918	0.9567	0.6586	0.9916	0.6127
3.1	0.9936	0.7686	0.9937	0.9912	0.9568	0.6440	0.9910	0.6241
3.2	0.9941	0.8635	0.9940	0.9917	0.9588	0.7348	0.9917	0.7343
3.3	0.9947	0.9212	0.9957	0.9928	0.9661	0.8127	0.9927	0.8654
3.4	0.9975	0.9672	0.9967	0.9961	0.9622	0.8496	0.9960	0.9408
3.5	0.9970	0.9715	0.9966	0.9952	0.9541	0.8359	0.9951	0.9403
3.6	0.9962	0.9787	0.9959	0.9937	0.9538	0.8418	0.9937	0.9461
3.7	0.9964	0.9828	0.9938	0.9937	0.9414	0.8526	0.9939	0.9537
3.8	0.9971	0.9860	0.9946	0.9948	0.9507	0.8779	0.9950	0.9639
3.9	0.9976	0.9917	0.9940	0.9960	0.9552	0.8979	0.9962	0.9697
4.0	0.9980	0.9931	0.9951	0.9965	0.9572	0.8878	0.9967	0.9770
4.1	0.9986	0.9937	0.9962	0.9971	0.9604	0.9119	0.9973	0.9778
4.2	0.9986	0.9950	0.9962	0.9974	0.9581	0.9361	0.9974	0.9796
4.3	0.9982	0.9932	0.9940	0.9963	0.9433	0.8987	0.9962	0.9753
4.4	0.9983	0.9952	0.9934	0.9966	0.9494	0.8986	0.9966	0.9742
4.5	0.9982	0.9953	0.9900	0.9963	0.9524	0.9036	0.9963	0.9805
4.6	0.9985	0.9964	0.9919	0.9966	0.9539	0.9015	0.9966	0.9833
4.7	0.9988	0.9961	0.9930	0.9972	0.9506	0.9128	0.9972	0.9775
4.8	0.9989	0.9960	0.9883	0.9977	0.9491	0.9110	0.9976	0.9761
4.9	0.9989	0.9963	0.9857	0.9979	0.9343	0.9017	0.9978	0.9785
5.0	0.9991	0.9965	0.9875	0.9982	0.9349	0.9021	0.9981	0.9801
5.1	0.9990	0.9961	0.9861	0.9983	0.9184	0.9201	0.9982	0.9796
5.2	0.9984	0.9954	0.9781	0.9974	0.8872	0.9065	0.9973	0.9731
5.3	0.9989	0.9966	0.9756	0.9979	0.8393	0.8818	0.9980	0.9635
5.4	0.9991	0.9975	0.9742	0.9985	0.8052	0.8720	0.9986	0.9495
5.5	0.9986	0.9974	0.9580	0.9981	0.7166	0.8492	0.9982	0.9154
5.6	0.9983	0.9969	0.9531	0.9977	0.7081	0.8267	0.9978	0.9034
5.7	0.9982	0.9964	0.9463	0.9972	0.7793	0.8388	0.9973	0.9234
5.8	0.9982	0.9970	0.9399	0.9973	0.8295	0.8509	0.9973	0.9442
5.9	0.9969	0.9962	0.9407	0.9963	0.8174	0.8735	0.9963	0.9376
6.0	0.9971	0.9967	0.9502	0.9971	0.8177	0.8921	0.9971	0.9302
6.1	0.9984	0.9971	0.9614	0.9984	0.8747	0.9160	0.9984	0.9514
6.2	0.9979	0.9961	0.9607	0.9974	0.8721	0.9212	0.9974	0.9445
6.3	0.9979	0.9964	0.9675	0.9969	0.8869	0.9381	0.9968	0.9468
6.4	0.9976	0.9971	0.9619	0.9960	0.8882	0.9431	0.9959	0.9420
6.5	0.9980	0.9958	0.9490	0.9972	0.7873	0.9379	0.9971	0.8706
6.6	0.9984	0.9962	0.9411	0.9979	0.8253	0.9419	0.9978	0.8876
6.7	0.9977	0.9956	0.8907	0.9969	0.7727	0.8986	0.9969	0.8321
6.8	0.9974	0.9946	0.9032	0.9967	0.8187	0.9097	0.9967	0.8501
6.9	0.9962	0.9958	0.9057	0.9980	0.7293	0.8283	0.9978	0.7558
7.0	0.9964	0.9967	0.9299	0.9988	0.6895	0.6915	0.9988	0.6814
7.1	0.9975	0.9971	0.9611	0.9991	0.7986	0.6607	0.9991	0.7681
7.2	0.9985	0.9970	0.9808	0.9992	0.8833	0.6181	0.9992	0.8334
7.3	0.9986	0.9962	0.9819	0.9993	0.9076	0.6507	0.9993	0.8456
7.4	0.9984	0.9941	0.9785	0.9993	0.8683	0.7003	0.9992	0.7387
7.5	0.9987	0.9941	0.9795	0.9991	0.8432	0.7837	0.9990	0.5694
7.6	0.9983	0.9937	0.9755	0.9987	0.7593	0.7865	0.9985	0.3289
7.7	0.9987	0.9940	0.9726	0.9987	0.6405	0.7740	0.9988	0.3423
7.8	0.9988	0.9934	0.9696	0.9989	0.6798	0.7482	0.9991	0.3842
7.9	0.9991	0.9930	0.9703	0.9992	0.6752	0.7593	0.9992	0.3427

8.0	0.9990	0.9945	0.9764	0.9994	0.7658	0.8068	0.9993	0.5364
8.1	0.9992	0.9952	0.9792	0.9996	0.8400	0.8422	0.9995	0.7070
8.2	0.9993	0.9963	0.9819	0.9996	0.8988	0.8652	0.9996	0.7876
8.3	0.9991	0.9960	0.9818	0.9995	0.8725	0.8770	0.9996	0.6362
8.4	0.9992	0.9960	0.9814	0.9996	0.8631	0.8696	0.9996	0.6104
8.5	0.9992	0.9943	0.9732	0.9996	0.7720	0.8376	0.9995	0.6854
8.6	0.9993	0.9954	0.9810	0.9997	0.7282	0.8726	0.9996	0.7317
8.7	0.9991	0.9955	0.9786	0.9996	0.7675	0.8978	0.9995	0.8355
8.8	0.9992	0.9949	0.9712	0.9996	0.6917	0.8788	0.9995	0.8487
8.9	0.9987	0.9937	0.9658	0.9993	0.7809	0.8438	0.9993	0.8683
9.0	0.9983	0.9926	0.9642	0.9991	0.8331	0.8855	0.9992	0.8484
9.1	0.9984	0.9941	0.9691	0.9992	0.8843	0.9223	0.9993	0.8769
9.2	0.9981	0.9945	0.9705	0.9994	0.8643	0.9187	0.9995	0.8372
9.3	0.9985	0.9942	0.9570	0.9993	0.8590	0.9090	0.9994	0.8169
9.4	0.9983	0.9938	0.9493	0.9992	0.8801	0.9419	0.9991	0.7572
9.5	0.9974	0.9932	0.9564	0.9991	0.9201	0.9545	0.9991	0.7615
9.6	0.9981	0.9951	0.9691	0.9993	0.9470	0.9720	0.9993	0.7806
9.7	0.9980	0.9946	0.9623	0.9993	0.9515	0.9707	0.9993	0.7674
9.8	0.9975	0.9940	0.9555	0.9993	0.9627	0.9750	0.9993	0.7498
9.9	0.9958	0.9929	0.9332	0.9985	0.9687	0.9602	0.9990	0.7417
10.0	0.9932	0.9907	0.8900	0.9966	0.9521	0.9459	0.9985	0.6078
10.1	0.9948	0.9936	0.9227	0.9986	0.9775	0.9591	0.9989	0.7862
10.2	0.9949	0.9917	0.9138	0.9986	0.9726	0.9462	0.9986	0.7660
10.3	0.9975	0.9926	0.9508	0.9988	0.9706	0.9638	0.9988	0.8307
10.4	0.9974	0.9929	0.9488	0.9988	0.9700	0.9432	0.9988	0.8220
10.5	0.9972	0.9922	0.9514	0.9986	0.9645	0.9164	0.9987	0.8842
10.6	0.9975	0.9926	0.9602	0.9986	0.9729	0.8991	0.9986	0.9346
10.7	0.9973	0.9922	0.9531	0.9983	0.9735	0.8970	0.9983	0.9436
10.8	0.9977	0.9921	0.9543	0.9982	0.9718	0.8826	0.9984	0.9552
10.9	0.9982	0.9919	0.9441	0.9981	0.9782	0.9021	0.9982	0.9714
11.0	0.9984	0.9941	0.9532	0.9988	0.9837	0.9475	0.9988	0.9836
11.1	0.9979	0.9921	0.9264	0.9981	0.9797	0.9444	0.9981	0.9780
11.2	0.9983	0.9917	0.8503	0.9981	0.9721	0.9452	0.9980	0.9655
11.3	0.9971	0.9898	0.8388	0.9978	0.9721	0.9469	0.9975	0.9655
11.4	0.9971	0.9900	0.9059	0.9974	0.9715	0.9530	0.9973	0.9538
11.5	0.9972	0.9903	0.9175	0.9971	0.9706	0.9265	0.9972	0.9453
11.6	0.9980	0.9923	0.9567	0.9978	0.9830	0.9220	0.9978	0.9535
11.7	0.9982	0.9927	0.9759	0.9976	0.9867	0.9133	0.9977	0.9506
11.8	0.9981	0.9931	0.9759	0.9979	0.9876	0.8777	0.9980	0.9214
11.9	0.9976	0.9925	0.9702	0.9974	0.9867	0.8222	0.9975	0.8508
12.0	0.9975	0.9910	0.9657	0.9964	0.9839	0.8625	0.9966	0.7566
12.1	0.9975	0.9925	0.9689	0.9971	0.9853	0.9288	0.9972	0.7844
12.2	0.9971	0.9906	0.9636	0.9967	0.9839	0.9454	0.9966	0.8220
12.3	0.9973	0.9912	0.9687	0.9970	0.9864	0.9636	0.9971	0.9023
12.4	0.9970	0.9920	0.9686	0.9970	0.9871	0.9653	0.9969	0.9250
12.5	0.9970	0.9932	0.9700	0.9974	0.9874	0.9671	0.9974	0.9197
12.6	0.9950	0.9918	0.9697	0.9971	0.9853	0.9540	0.9971	0.9115
12.7	0.9943	0.9902	0.9710	0.9965	0.9852	0.9562	0.9964	0.9477
12.8	0.9928	0.9873	0.9611	0.9949	0.9821	0.9440	0.9948	0.9351
12.9	0.9943	0.9890	0.9595	0.9952	0.9850	0.9522	0.9952	0.9439
13.0	0.9939	0.9896	0.9522	0.9958	0.9859	0.9473	0.9956	0.9580
13.1	0.9926	0.9872	0.9306	0.9950	0.9819	0.9188	0.9948	0.9466
13.2	0.9954	0.9901	0.9176	0.9950	0.9848	0.9167	0.9950	0.9510
13.3	0.9937	0.9866	0.8926	0.9928	0.9811	0.8944	0.9928	0.9672
13.4	0.9937	0.9874	0.8930	0.9939	0.9813	0.8671	0.9940	0.9710
13.5	0.9929	0.9858	0.8880	0.9922	0.9782	0.8097	0.9923	0.9670
13.6	0.9889	0.9799	0.8840	0.9881	0.9752	0.7228	0.9884	0.9746
13.7	0.9868	0.9781	0.8722	0.9880	0.9680	0.5641	0.9883	0.9756
13.8	0.9914	0.9857	0.9257	0.9916	0.9815	0.5319	0.9918	0.9855
13.9	0.9854	0.9782	0.9099	0.9858	0.9743	0.4617	0.9862	0.9819
14.0	0.9805	0.9715	0.9045	0.9812	0.9667	0.2707	0.9820	0.9804
14.1	0.9867	0.9806	0.9290	0.9872	0.9753	0.0466	0.9878	0.9846
14.2	0.9843	0.9769	0.9230	0.9854	0.9712	0.0715	0.9858	0.9834
14.3	0.9788	0.9704	0.9073	0.9804	0.9624	0.1970	0.9808	0.9783
14.4	0.9752	0.9682	0.8988	0.9772	0.9585	0.2579	0.9776	0.9795
14.5	0.9717	0.9647	0.9081	0.9743	0.9574	0.4972	0.9749	0.9718
14.6	0.9754	0.9707	0.9099	0.9782	0.9636	0.7140	0.9786	0.9735
14.7	0.9677	0.9646	0.8976	0.9733	0.9575	0.7830	0.9735	0.9592
14.8	0.9580	0.9521	0.8565	0.9632	0.9447	0.8432	0.9630	0.9373
14.9	0.9703	0.9625	0.8941	0.9724	0.9578	0.9432	0.9726	0.9545
15.0	0.9664	0.9535	0.8345	0.9649	0.9477	0.9456	0.9655	0.9480
15.1	0.9532	0.9404	0.6972	0.9529	0.9316	0.9502	0.9535	0.9333
15.2	0.9391	0.9274	0.4102	0.9393	0.9127	0.9414	0.9402	0.9318
15.3	0.9222	0.9095	0.1920	0.9217	0.9014	0.9264	0.9223	0.9163
15.4	0.9220	0.9169	0.0200	0.9249	0.9158	0.8993	0.9253	0.8981
15.5	0.9187	0.9201	0.1493	0.9234	0.9195	0.8842	0.9240	0.8944
15.6	0.8901	0.8908	0.2659	0.8954	0.8928	0.8485	0.8963	0.8656
15.7	0.8934	0.8977	0.3605	0.8978	0.9038	0.8057	0.8983	0.8594
15.8	0.9174	0.9220	0.4521	0.9191	0.9358	0.7946	0.9193	0.8706
15.9	0.9182	0.9263	0.6521	0.9212	0.9423	0.7825	0.9212	0.8727
16.0	0.9427	0.9449	0.6472	0.9407	0.9644	0.7583	0.9411	0.8815
16.1	0.9650	0.9705	0.7567	0.9679	0.9786	0.8172	0.9678	0.9209
16.2	0.9752	0.9821	0.7910	0.9795	0.9842	0.8188	0.9794	0.9371
16.3	0.9819	0.9873	0.8490	0.9849	0.9887	0.8222	0.9850	0.9467
16.4	0.9801	0.9864	0.8390	0.9831	0.9865	0.7522	0.9832	0.9320
16.5	0.9832	0.9909	0.8386	0.9882	0.9831	0.6627	0.9882	0.9277

16.6	0.9812	0.9905	0.7708	0.9883	0.9740	0.4419	0.9882	0.9012
16.7	0.9775	0.9885	0.7321	0.9846	0.9707	0.3385	0.9844	0.8769
16.8	0.9812	0.9881	0.6426	0.9854	0.9654	0.3899	0.9853	0.8631
16.9	0.9836	0.9903	0.6379	0.9875	0.9687	0.4308	0.9875	0.8727
17.0	0.9802	0.9905	0.6109	0.9882	0.9581	0.3019	0.9882	0.8437
17.1	0.9582	0.9837	0.5088	0.9855	0.9327	0.2140	0.9855	0.7312
17.2	0.9854	0.9892	0.3265	0.9905	0.9304	0.5098	0.9905	0.8500
17.3	0.9905	0.9943	0.3791	0.9930	0.9516	0.6224	0.9930	0.9023
17.4	0.9891	0.9945	0.5052	0.9932	0.9511	0.5877	0.9933	0.9129
17.5	0.9916	0.9963	0.4843	0.9944	0.9577	0.7373	0.9946	0.9429
17.6	0.9915	0.9972	0.5529	0.9952	0.9614	0.7477	0.9953	0.9373
17.7	0.9899	0.9965	0.7056	0.9949	0.9651	0.7168	0.9949	0.9458
17.8	0.9900	0.9970	0.6959	0.9955	0.9675	0.7232	0.9956	0.9510
17.9	0.9869	0.9968	0.7250	0.9946	0.9674	0.7163	0.9946	0.9473
18.0	0.9850	0.9963	0.7695	0.9938	0.9689	0.7898	0.9939	0.9527
18.1	0.9866	0.9969	0.8464	0.9946	0.9776	0.7864	0.9947	0.9509
18.2	0.9869	0.9974	0.8912	0.9955	0.9811	0.7258	0.9955	0.9464
18.3	0.9899	0.9978	0.9135	0.9960	0.9838	0.6838	0.9961	0.9386
18.4	0.9915	0.9976	0.9127	0.9958	0.9806	0.3591	0.9959	0.8706
18.5	0.9899	0.9974	0.8728	0.9951	0.9634	0.2488	0.9952	0.4857
18.6	0.9859	0.9972	0.7296	0.9943	0.9147	0.6510	0.9945	0.7005
18.7	0.9797	0.9976	0.6456	0.9951	0.9472	0.8942	0.9951	0.9191
18.8	0.9717	0.9974	0.7708	0.9947	0.9761	0.9408	0.9947	0.9621
18.9	0.9417	0.9957	0.7278	0.9912	0.9659	0.9346	0.9914	0.9582
19.0	0.9421	0.9961	0.7217	0.9922	0.9661	0.9472	0.9923	0.9626
19.1	0.9490	0.9975	0.7606	0.9943	0.9744	0.9498	0.9944	0.9659
19.2	0.9602	0.9980	0.8286	0.9950	0.9812	0.9575	0.9951	0.9652
19.3	0.9629	0.9977	0.8483	0.9939	0.9789	0.9507	0.9940	0.9610
19.4	0.9416	0.9968	0.7996	0.9924	0.9708	0.9293	0.9925	0.9421
19.5	0.9592	0.9981	0.8607	0.9940	0.9788	0.9520	0.9941	0.9619
19.6	0.9492	0.9977	0.8603	0.9934	0.9749	0.9541	0.9935	0.9575
19.7	0.9473	0.9977	0.8687	0.9924	0.9748	0.9579	0.9925	0.9636
19.8	0.9555	0.9980	0.8935	0.9932	0.9787	0.9676	0.9933	0.9754
19.9	0.9461	0.9978	0.8588	0.9920	0.9721	0.9577	0.9921	0.9725
20.0	0.9470	0.9978	0.8815	0.9935	0.9754	0.9523	0.9936	0.9757
20.1	0.9685	0.9978	0.9156	0.9939	0.9776	0.9677	0.9940	0.9825
20.2	0.9538	0.9981	0.8815	0.9906	0.9731	0.9728	0.9907	0.9843
20.3	0.9652	0.9982	0.8689	0.9918	0.9721	0.9722	0.9919	0.9863
20.4	0.9657	0.9980	0.8756	0.9906	0.9735	0.9720	0.9907	0.9859
20.5	0.9704	0.9981	0.8801	0.9909	0.9756	0.9811	0.9910	0.9899
20.6	0.9658	0.9983	0.8729	0.9899	0.9747	0.9846	0.9900	0.9919
20.7	0.9576	0.9973	0.8130	0.9839	0.9619	0.9816	0.9841	0.9902
20.8	0.9658	0.9977	0.8263	0.9847	0.9649	0.9873	0.9849	0.9932
20.9	0.9625	0.9980	0.8628	0.9852	0.9745	0.9875	0.9855	0.9937
21.0	0.9587	0.9974	0.8263	0.9812	0.9645	0.9852	0.9815	0.9928
21.1	0.9579	0.9967	0.8190	0.9784	0.9588	0.9780	0.9785	0.9893
21.2	0.9580	0.9970	0.8356	0.9776	0.9647	0.9804	0.9777	0.9901
21.3	0.9485	0.9974	0.8210	0.9701	0.9651	0.9796	0.9702	0.9880
21.4	0.9602	0.9973	0.8373	0.9713	0.9652	0.9801	0.9713	0.9881
21.5	0.9516	0.9964	0.8304	0.9632	0.9569	0.9701	0.9634	0.9831
21.6	0.9503	0.9971	0.8384	0.9610	0.9620	0.9635	0.9614	0.9820
21.7	0.9466	0.9965	0.8369	0.9541	0.9628	0.9454	0.9543	0.9739
21.8	0.9456	0.9955	0.8011	0.9461	0.9459	0.9336	0.9461	0.9662
21.9	0.9187	0.9956	0.7349	0.9096	0.9356	0.9004	0.9095	0.9512
22.0	0.9343	0.9967	0.7212	0.9181	0.9420	0.9012	0.9184	0.9530
22.1	0.9441	0.9965	0.7354	0.9319	0.9465	0.9174	0.9321	0.9588
22.2	0.9427	0.9961	0.7118	0.9314	0.9482	0.9198	0.9315	0.9641
22.3	0.9458	0.9957	0.6466	0.9277	0.9346	0.8914	0.9277	0.9497
22.4	0.9506	0.9957	0.6726	0.9191	0.9309	0.8744	0.9192	0.9320
22.5	0.9599	0.9969	0.7531	0.9406	0.9525	0.9016	0.9407	0.9537
22.6	0.9588	0.9972	0.7233	0.9280	0.9451	0.8966	0.9282	0.9515
22.7	0.9597	0.9967	0.7131	0.9271	0.9401	0.9087	0.9271	0.9434
22.8	0.9566	0.9963	0.7293	0.9195	0.9368	0.8813	0.9194	0.9252
22.9	0.9518	0.9966	0.7902	0.9130	0.9466	0.8784	0.9130	0.9280
23.0	0.9511	0.9966	0.8009	0.9121	0.9319	0.8867	0.9120	0.9209
23.1	0.9543	0.9960	0.7981	0.9105	0.9337	0.8797	0.9104	0.9234
23.2	0.9443	0.9961	0.7365	0.8965	0.9214	0.8529	0.8964	0.9095
23.3	0.9394	0.9956	0.6837	0.8963	0.9019	0.8513	0.8961	0.8823
23.4	0.9432	0.9956	0.6406	0.8934	0.8909	0.8592	0.8935	0.8964
23.5	0.9398	0.9952	0.6700	0.8923	0.9146	0.8154	0.8921	0.8712
23.6	0.9112	0.9935	0.5550	0.8400	0.9028	0.7649	0.8398	0.8668
23.7	0.9355	0.9951	0.3967	0.8658	0.9106	0.8169	0.8653	0.9088
23.8	0.8944	0.9929	0.2507	0.8196	0.9083	0.7994	0.8196	0.8818
23.9	0.9015	0.9955	0.2597	0.7781	0.9399	0.7602	0.7811	0.8782
24.0	0.9154	0.9962	0.3712	0.8058	0.9533	0.7236	0.8054	0.8985
24.1	0.8759	0.9944	0.3262	0.6908	0.9276	0.5754	0.6899	0.8801
24.2	0.8883	0.9955	0.3536	0.6910	0.9322	0.6014	0.6946	0.9117
24.3	0.8690	0.9960	0.3129	0.6550	0.9368	0.5695	0.6586	0.9181
24.4	0.8019	0.9947	0.2402	0.5653	0.8998	0.3690	0.5648	0.8961
24.5	0.7638	0.9945	0.4257	0.5451	0.8930	0.3046	0.5402	0.9000
24.6	0.7610	0.9945	0.5253	0.4808	0.9179	0.3720	0.4716	0.9000
24.7	0.7652	0.9950	0.5236	0.4538	0.9389	0.4296	0.4482	0.8937
24.8	0.7856	0.9961	0.5043	0.4137	0.9417	0.2206	0.4121	0.9252
24.9	0.8055	0.9968	0.3834	0.4146	0.9323	0.1046	0.4052	0.9361
25.0	0.7852	0.9964	0.2473	0.4302	0.9314	0.1980	0.4356	0.9188
25.1	0.7813	0.9964	0.3581	0.2701	0.9430	0.0780	0.2709	0.9164

25.2	0.7020	0.9960	0.4943	0.3061	0.9272	0.0470	0.2973	0.8883
25.3	0.6369	0.9961	0.4198	0.5713	0.9290	0.0774	0.5653	0.8874
25.4	0.5553	0.9951	0.3852	0.6453	0.9315	0.1671	0.6486	0.8581
25.5	0.4736	0.9940	0.3368	0.5330	0.9158	0.0606	0.5391	0.8335
25.6	0.2790	0.9944	0.4284	0.6518	0.9205	0.0165	0.6461	0.8393
25.7	0.2948	0.9957	0.2776	0.7306	0.9342	0.0594	0.7279	0.8494
25.8	0.1805	0.9929	0.3000	0.7259	0.9075	0.0887	0.7210	0.8048
25.9	0.1903	0.9939	0.3490	0.7660	0.9174	0.0061	0.7567	0.7718
26.0	0.2753	0.9946	0.3755	0.7735	0.9188	0.0544	0.7657	0.7538
26.1	0.0862	0.9939	0.3786	0.7986	0.9181	0.0294	0.7963	0.7463
26.2	0.0974	0.9941	0.3855	0.8708	0.9159	0.1684	0.8679	0.7896
26.3	0.1790	0.9932	0.1812	0.8621	0.8972	0.0515	0.8633	0.7367
26.4	0.2648	0.9925	0.1741	0.8337	0.8858	0.0522	0.8374	0.7194
26.5	0.3041	0.9928	0.3040	0.8085	0.8918	0.0722	0.8145	0.7539
26.6	0.3377	0.9923	0.2726	0.8284	0.8969	0.0803	0.8299	0.7655
26.7	0.5865	0.9916	0.4102	0.8432	0.8947	0.0111	0.8393	0.7243
26.8	0.6494	0.9899	0.4580	0.8478	0.8867	0.0671	0.8463	0.7221
26.9	0.7337	0.9906	0.5705	0.8681	0.9049	0.1310	0.8650	0.7605
27.0	0.7211	0.9892	0.5755	0.8700	0.9096	0.1115	0.8671	0.7596
27.1	0.6802	0.9866	0.5822	0.8278	0.8823	0.1242	0.8229	0.6937
27.2	0.6888	0.9852	0.6819	0.8064	0.8607	0.3418	0.7979	0.6645
27.3	0.6132	0.9793	0.6705	0.7404	0.8119	0.4323	0.7319	0.5782
27.4	0.7619	0.9819	0.7995	0.8114	0.8673	0.5959	0.8023	0.6417
27.5	0.7443	0.9798	0.7365	0.8125	0.8683	0.5382	0.8069	0.6685
27.6	0.6803	0.9703	0.6548	0.7572	0.8257	0.5481	0.7527	0.6111
27.7	0.7301	0.9748	0.7344	0.7776	0.8404	0.6925	0.7736	0.6529
27.8	0.7167	0.9772	0.7684	0.7628	0.8320	0.7231	0.7581	0.6557
27.9	0.6582	0.9750	0.7068	0.6980	0.7970	0.6668	0.6952	0.6272
28.0	0.7234	0.9789	0.6897	0.7448	0.8251	0.7014	0.7436	0.6738
28.1	0.6981	0.9782	0.6855	0.7368	0.8071	0.6967	0.7348	0.6716
28.2	0.5894	0.9744	0.6459	0.6661	0.7849	0.6080	0.6628	0.6066
28.3	0.5283	0.9678	0.6435	0.5892	0.7166	0.6309	0.5882	0.5770
28.4	0.6461	0.9799	0.7222	0.6819	0.7829	0.6872	0.6801	0.6712
28.5	0.6936	0.9843	0.7195	0.7279	0.8119	0.7084	0.7244	0.7170
28.6	0.7060	0.9835	0.7076	0.7380	0.8109	0.7214	0.7356	0.7430
28.7	0.6628	0.9835	0.6974	0.7028	0.7889	0.6883	0.6995	0.7031
28.8	0.6066	0.9824	0.6499	0.6369	0.7231	0.6490	0.6335	0.6483
28.9	0.6672	0.9879	0.7254	0.7061	0.7696	0.7304	0.7033	0.7342
29.0	0.6511	0.9872	0.7794	0.6915	0.7521	0.7674	0.6870	0.7675
29.1	0.6359	0.9879	0.7795	0.6660	0.7676	0.7461	0.6606	0.7420
29.2	0.6166	0.9861	0.7157	0.6122	0.7524	0.7016	0.6041	0.7004
29.3	0.7366	0.9912	0.7615	0.7393	0.7383	0.7795	0.7305	0.7993
29.4	0.7576	0.9918	0.7320	0.7730	0.7169	0.7381	0.7643	0.8061
29.5	0.7594	0.9920	0.7135	0.7400	0.6763	0.7275	0.7278	0.7970
29.6	0.6670	0.9911	0.7002	0.6420	0.4521	0.7279	0.6376	0.7916
29.7	0.5884	0.9911	0.6729	0.5348	0.2265	0.6823	0.5365	0.7559
29.8	0.5832	0.9894	0.7347	0.5543	0.2880	0.7336	0.5521	0.7921
29.9	0.6594	0.9920	0.6700	0.6405	0.0611	0.7272	0.6343	0.7818
30.0	0.6666	0.9935	0.6817	0.6079	0.0147	0.7359	0.6097	0.7849
30.1	0.6339	0.9949	0.7480	0.5521	0.0616	0.7508	0.5499	0.8181
30.2	0.5962	0.9944	0.7292	0.5263	0.0632	0.7074	0.5274	0.7885
30.3	0.4802	0.9925	0.6469	0.3756	0.1913	0.5906	0.3748	0.7124
30.4	0.4035	0.9933	0.7063	0.3498	0.1387	0.6597	0.3451	0.7457
30.5	0.4721	0.9941	0.6982	0.3577	0.1867	0.6762	0.3567	0.7613
30.6	0.5555	0.9956	0.7223	0.4528	0.1328	0.7309	0.4533	0.8013
30.7	0.5958	0.9962	0.7778	0.4922	0.3155	0.7707	0.4996	0.8401
30.8	0.4044	0.9957	0.7954	0.2950	0.4299	0.7452	0.3009	0.8087
30.9	0.4109	0.9959	0.8010	0.2385	0.5297	0.7379	0.2317	0.7936
31.0	0.4600	0.9965	0.7876	0.2772	0.6761	0.7425	0.2756	0.8041
31.1	0.4690	0.9970	0.7675	0.2948	0.7336	0.7401	0.3116	0.8038
31.2	0.3137	0.9956	0.7425	0.1614	0.6954	0.6735	0.1703	0.7342
31.3	0.2235	0.9963	0.7384	0.1214	0.7151	0.6030	0.1308	0.6902
31.4	0.2870	0.9954	0.7284	0.1820	0.6197	0.6128	0.1788	0.6898
31.5	0.3282	0.9962	0.7853	0.1659	0.5214	0.6415	0.1610	0.7360
31.6	0.1608	0.9954	0.6838	0.0147	0.5451	0.4765	0.0087	0.6218
31.7	0.1164	0.9954	0.6798	0.0053	0.5963	0.4808	0.0085	0.6256
31.8	0.1129	0.9957	0.7038	0.0084	0.5109	0.4395	0.0072	0.6274
31.9	0.1055	0.9961	0.7144	0.0014	0.4536	0.4565	0.0036	0.6288
32.0	0.0578	0.9952	0.6937	0.0091	0.3971	0.3366	0.0054	0.4969
32.1	0.0425	0.9952	0.7255	0.0180	0.2368	0.3939	0.0080	0.4880
32.2	0.0767	0.9960	0.6985	0.0858	0.3014	0.4799	0.0968	0.6196
32.3	0.0562	0.9958	0.7415	0.1080	0.3513	0.4480	0.1116	0.6145
32.4	0.0232	0.9955	0.8024	0.1455	0.3130	0.4217	0.1435	0.5637
32.5	0.0266	0.9956	0.7873	0.1600	0.2594	0.4549	0.1616	0.5741
32.6	0.0283	0.9942	0.7044	0.1160	0.1282	0.4549	0.1029	0.5567
32.7	0.0075	0.9928	0.6824	0.1452	0.0676	0.4307	0.1379	0.4765
32.8	0.0607	0.9945	0.7433	0.2577	0.0629	0.5929	0.2682	0.5626
32.9	0.0387	0.9944	0.6828	0.3129	0.0547	0.6469	0.3199	0.5824
33.0	0.0271	0.9950	0.6742	0.2949	0.2222	0.6330	0.3132	0.7003
33.1	0.0311	0.9951	0.7236	0.3211	0.2458	0.7000	0.3441	0.7580
33.2	0.0567	0.9952	0.7011	0.3766	0.1584	0.6390	0.3973	0.6969
33.3	0.0893	0.9948	0.7513	0.4608	0.1307	0.7047	0.4816	0.6710
33.4	0.1092	0.9946	0.7509	0.5460	0.2070	0.8286	0.5638	0.7083
33.5	0.1427	0.9965	0.8248	0.6092	0.3482	0.8670	0.6212	0.7854
33.6	0.2574	0.9961	0.8096	0.5913	0.4953	0.8202	0.5991	0.7451
33.7	0.2862	0.9943	0.7167	0.6444	0.4879	0.7702	0.6553	0.6342

33.8	0.3937	0.9954	0.7783	0.6440	0.6131	0.7330	0.6486	0.6923
33.9	0.3224	0.9949	0.8028	0.6405	0.5699	0.7812	0.6525	0.7132
34.0	0.4370	0.9953	0.8106	0.6217	0.6462	0.8194	0.6377	0.6946
34.1	0.5552	0.9955	0.8227	0.6682	0.6731	0.8189	0.6742	0.7348
34.2	0.5771	0.9948	0.8128	0.6925	0.7334	0.8158	0.7053	0.7061
34.3	0.6132	0.9947	0.8158	0.7567	0.7826	0.8583	0.7743	0.7603
34.4	0.5643	0.9943	0.8065	0.7566	0.7502	0.8343	0.7655	0.7076
34.5	0.5874	0.9947	0.8651	0.7778	0.7958	0.8559	0.7830	0.7965
34.6	0.6553	0.9948	0.9054	0.8250	0.8714	0.8423	0.8280	0.8199
34.7	0.7015	0.9954	0.9035	0.8085	0.8872	0.8188	0.8098	0.8199
34.8	0.6482	0.9933	0.8597	0.7504	0.8289	0.7518	0.7515	0.7303
34.9	0.6086	0.9934	0.8704	0.7909	0.8119	0.8095	0.7999	0.8107
35.0	0.7390	0.9946	0.8873	0.8254	0.8860	0.8079	0.8225	0.8016
35.1	0.6561	0.9944	0.8981	0.7697	0.8906	0.8368	0.7670	0.7796
35.2	0.6559	0.9962	0.9062	0.7702	0.9232	0.8622	0.7654	0.8462
35.3	0.7071	0.9956	0.8685	0.8175	0.9237	0.8352	0.8148	0.8395
35.4	0.6091	0.9924	0.8423	0.8065	0.8845	0.7480	0.8076	0.7536
35.5	0.6341	0.9944	0.8745	0.8364	0.9102	0.7799	0.8349	0.7615
35.6	0.7045	0.9953	0.8705	0.8217	0.9083	0.7382	0.8188	0.6973
35.7	0.7530	0.9967	0.8915	0.8390	0.9268	0.7741	0.8386	0.6520
35.8	0.7057	0.9955	0.9104	0.8649	0.9198	0.7862	0.8609	0.6205
35.9	0.7394	0.9959	0.8990	0.8591	0.9088	0.7903	0.8530	0.6013
36.0	0.7490	0.9959	0.9125	0.8085	0.8969	0.8276	0.7888	0.4907
36.1	0.7031	0.9958	0.8958	0.8347	0.8979	0.8195	0.8224	0.6733
36.2	0.7800	0.9970	0.9225	0.8674	0.9177	0.8191	0.8591	0.7522
36.3	0.7957	0.9960	0.8952	0.7976	0.8879	0.7644	0.7863	0.6711
36.4	0.7539	0.9945	0.8716	0.7877	0.8703	0.7560	0.7849	0.6808
36.5	0.7622	0.9952	0.8774	0.7638	0.8555	0.6057	0.7753	0.7171
36.6	0.8584	0.9969	0.9088	0.8382	0.9174	0.5842	0.8370	0.8523
36.7	0.8172	0.9965	0.9279	0.8428	0.9319	0.6181	0.8427	0.8809
36.8	0.7829	0.9964	0.9136	0.8243	0.9263	0.5007	0.8286	0.8663
36.9	0.8259	0.9949	0.8985	0.8565	0.9343	0.2534	0.8558	0.8809
37.0	0.8071	0.9952	0.9213	0.8312	0.9387	0.2443	0.8318	0.8960
37.1	0.8164	0.9954	0.9180	0.8527	0.9430	0.3273	0.8611	0.9266
37.2	0.8682	0.9965	0.9190	0.8727	0.9634	0.3083	0.8797	0.9512
37.3	0.8257	0.9965	0.9006	0.8292	0.9562	0.2698	0.8390	0.9479
37.4	0.7589	0.9946	0.8726	0.7881	0.9480	0.3276	0.7937	0.9296
37.5	0.8530	0.9965	0.9256	0.8627	0.9721	0.3597	0.8649	0.9613
37.6	0.8461	0.9970	0.9217	0.8622	0.9743	0.3331	0.8724	0.9687
37.7	0.8262	0.9971	0.9106	0.8372	0.9731	0.2998	0.8473	0.9678
37.8	0.7875	0.9962	0.9122	0.8197	0.9695	0.3501	0.8230	0.9633
37.9	0.8102	0.9965	0.9171	0.8129	0.9719	0.5042	0.8150	0.9665
38.0	0.8519	0.9971	0.9339	0.8546	0.9790	0.4293	0.8590	0.9720
38.1	0.7750	0.9966	0.9108	0.7958	0.9769	0.3107	0.8047	0.9679
38.2	0.6147	0.9959	0.8428	0.6818	0.9571	0.3680	0.6908	0.9613
38.3	0.5910	0.9960	0.8710	0.7274	0.9594	0.4186	0.7393	0.9666
38.4	0.6817	0.9960	0.9229	0.7953	0.9658	0.5057	0.7995	0.9717
38.5	0.6315	0.9954	0.9167	0.7380	0.9617	0.5092	0.7459	0.9647
38.6	0.5756	0.9954	0.8814	0.7008	0.9491	0.4637	0.7078	0.9591
38.7	0.5794	0.9957	0.8616	0.6931	0.9475	0.4160	0.6946	0.9668
38.8	0.6833	0.9968	0.9107	0.7727	0.9640	0.4885	0.7720	0.9791
38.9	0.6544	0.9962	0.9089	0.7668	0.9585	0.4985	0.7736	0.9701
39.0	0.6575	0.9940	0.8707	0.7789	0.9561	0.5364	0.7834	0.9672
39.1	0.7515	0.9942	0.8488	0.8092	0.9609	0.5480	0.8088	0.9691
39.2	0.6879	0.9950	0.8523	0.7973	0.9573	0.6001	0.8016	0.9688
39.3	0.6517	0.9964	0.8553	0.7884	0.9496	0.6304	0.7913	0.9697
39.4	0.6952	0.9969	0.8772	0.8006	0.9505	0.5769	0.8045	0.9688
39.5	0.6581	0.9963	0.8584	0.7615	0.9458	0.5492	0.7720	0.9668
39.6	0.6913	0.9966	0.8589	0.7899	0.9593	0.5712	0.8046	0.9676
39.7	0.7163	0.9965	0.8775	0.7952	0.9514	0.4693	0.8082	0.9644
39.8	0.7047	0.9963	0.8585	0.7987	0.9418	0.5050	0.8085	0.9633
39.9	0.7849	0.9970	0.8761	0.8737	0.9518	0.5008	0.8787	0.9630
40.0	0.8269	0.9971	0.8837	0.8898	0.9561	0.5855	0.8901	0.9686
40.1	0.7650	0.9963	0.8545	0.8748	0.9455	0.5880	0.8755	0.9549
40.2	0.6703	0.9958	0.7957	0.8429	0.9253	0.5127	0.8468	0.9514
40.3	0.6928	0.9964	0.8085	0.8534	0.9365	0.5495	0.8582	0.9632
40.4	0.7227	0.9966	0.8115	0.8633	0.9295	0.4983	0.8698	0.9621
40.5	0.7666	0.9960	0.8458	0.8920	0.9260	0.3672	0.8988	0.9490
40.6	0.7735	0.9965	0.8683	0.8997	0.9330	0.5154	0.9036	0.9454
40.7	0.7347	0.9965	0.8573	0.9078	0.9312	0.5245	0.9082	0.9379
40.8	0.6542	0.9963	0.7976	0.8988	0.9400	0.3849	0.9004	0.9321
40.9	0.7031	0.9956	0.8262	0.8874	0.9338	0.2673	0.8926	0.9452
41.0	0.7640	0.9973	0.8538	0.9211	0.9365	0.2499	0.9233	0.9628
41.1	0.6908	0.9970	0.7966	0.9222	0.9343	0.3138	0.9215	0.9527
41.2	0.7633	0.9963	0.7998	0.9343	0.9127	0.3341	0.9358	0.9306
41.3	0.7438	0.9972	0.7784	0.9278	0.9138	0.3443	0.9272	0.9442
41.4	0.7620	0.9973	0.7817	0.9340	0.9051	0.1682	0.9324	0.9363
41.5	0.7646	0.9954	0.7203	0.9316	0.8557	0.0629	0.9304	0.8956
41.6	0.7598	0.9962	0.7470	0.9450	0.8634	0.0546	0.9381	0.9009
41.7	0.7208	0.9965	0.7275	0.9536	0.9070	0.0479	0.9475	0.9261
41.8	0.7095	0.9966	0.7706	0.9606	0.9180	0.0475	0.9593	0.9435
41.9	0.7143	0.9960	0.7467	0.9614	0.9173	0.0851	0.9597	0.9376
42.0	0.6571	0.9954	0.7122	0.9535	0.8925	0.1484	0.9502	0.9297
42.1	0.6829	0.9965	0.7739	0.9637	0.9102	0.1684	0.9609	0.9425
42.2	0.7017	0.9972	0.7101	0.9743	0.8977	0.2958	0.9716	0.9251
42.3	0.7166	0.9970	0.7008	0.9794	0.8748	0.3034	0.9767	0.9122

42.4	0.6787	0.9954	0.6579	0.9717	0.8505	0.2266	0.9694	0.8994
42.5	0.6571	0.9954	0.5649	0.9565	0.8696	0.2600	0.9530	0.9035
42.6	0.6021	0.9965	0.5001	0.9404	0.8756	0.1613	0.9369	0.9096
42.7	0.5986	0.9964	0.5564	0.9676	0.9003	0.3763	0.9674	0.9299
42.8	0.5450	0.9959	0.5038	0.9541	0.8931	0.3736	0.9492	0.9115
42.9	0.4963	0.9961	0.4486	0.9522	0.9127	0.3915	0.9443	0.9359
43.0	0.3529	0.9956	0.3347	0.9590	0.8891	0.4888	0.9552	0.9417
43.1	0.4518	0.9947	0.4536	0.9722	0.9095	0.3728	0.9685	0.9588
43.2	0.5439	0.9942	0.5327	0.9673	0.9098	0.3351	0.9647	0.9617
43.3	0.6296	0.9955	0.6409	0.9766	0.9233	0.2949	0.9766	0.9665
43.4	0.5833	0.9956	0.6751	0.9848	0.9062	0.3674	0.9856	0.9410
43.5	0.6364	0.9965	0.6951	0.9877	0.9238	0.4147	0.9870	0.9454
43.6	0.6710	0.9978	0.6956	0.9885	0.9397	0.5408	0.9881	0.9607
43.7	0.7393	0.9970	0.7023	0.9857	0.9351	0.6066	0.9842	0.9579
43.8	0.7241	0.9956	0.7433	0.9841	0.9332	0.5393	0.9805	0.9407
43.9	0.6712	0.9953	0.7809	0.9893	0.9536	0.3275	0.9872	0.9566
44.0	0.6979	0.9968	0.7598	0.9889	0.9709	0.4149	0.9879	0.9728
44.1	0.7199	0.9966	0.6653	0.9775	0.9524	0.5713	0.9767	0.9646
44.2	0.7457	0.9967	0.6520	0.9859	0.9431	0.6689	0.9856	0.9661
44.3	0.7421	0.9968	0.6033	0.9811	0.9534	0.6190	0.9800	0.9688
44.4	0.5974	0.9963	0.4672	0.9697	0.9287	0.4874	0.9668	0.9583
44.5	0.5302	0.9959	0.5757	0.9786	0.9265	0.3684	0.9769	0.9614
44.6	0.5667	0.9960	0.5880	0.9755	0.9170	0.5421	0.9741	0.9619
44.7	0.5419	0.9970	0.5856	0.9418	0.8939	0.5228	0.9404	0.9588
44.8	0.4080	0.9957	0.6184	0.9279	0.9377	0.3814	0.9252	0.9608
44.9	0.4808	0.9946	0.6715	0.9552	0.9413	0.3622	0.9547	0.9708
45.0	0.6694	0.9966	0.7475	0.9615	0.9628	0.4748	0.9608	0.9764
45.1	0.5792	0.9967	0.7675	0.9824	0.9714	0.5640	0.9823	0.9831
45.2	0.4894	0.9971	0.7391	0.9824	0.9717	0.5486	0.9807	0.9908
45.3	0.4458	0.9971	0.6721	0.9627	0.9205	0.4511	0.9612	0.9792
45.4	0.2466	0.9964	0.5254	0.9286	0.8907	0.3413	0.9279	0.9566
45.5	0.1526	0.9951	0.5034	0.9589	0.9528	0.3864	0.9582	0.9733
45.6	0.2894	0.9946	0.6998	0.9679	0.9558	0.4457	0.9669	0.9775
45.7	0.4052	0.9956	0.7544	0.9592	0.9390	0.5016	0.9595	0.9666
45.8	0.2989	0.9962	0.7348	0.9379	0.9354	0.5471	0.9370	0.9567
45.9	0.3766	0.9962	0.6933	0.9615	0.9360	0.5428	0.9600	0.9612
46.0	0.4620	0.9968	0.7351	0.9788	0.9562	0.6503	0.9792	0.9773
46.1	0.4318	0.9977	0.7394	0.9442	0.9323	0.6310	0.9430	0.9646
46.2	0.6215	0.9959	0.6353	0.8538	0.9076	0.4118	0.8507	0.9353
46.3	0.8082	0.9962	0.7103	0.9286	0.8507	0.4016	0.9293	0.9314
46.4	0.7891	0.9969	0.6536	0.9499	0.9034	0.3839	0.9516	0.9565
46.5	0.8288	0.9976	0.7332	0.9753	0.9674	0.1384	0.9741	0.9815
46.6	0.8419	0.9970	0.7480	0.9755	0.9558	0.1096	0.9749	0.9716
46.7	0.8245	0.9948	0.6709	0.9750	0.9500	0.1603	0.9729	0.9611
46.8	0.8732	0.9970	0.7782	0.9872	0.9780	0.4152	0.9866	0.9768
46.9	0.8825	0.9974	0.8017	0.9873	0.9771	0.4782	0.9874	0.9606
47.0	0.8265	0.9964	0.6791	0.9821	0.9738	0.4416	0.9819	0.9573
47.1	0.7620	0.9945	0.6542	0.9709	0.9638	0.2561	0.9711	0.9600
47.2	0.8367	0.9940	0.6310	0.9742	0.9644	0.3529	0.9748	0.9657
47.3	0.8669	0.9954	0.6339	0.9631	0.9515	0.4379	0.9640	0.9593
47.4	0.8767	0.9968	0.7659	0.9569	0.9596	0.6109	0.9578	0.9619
47.5	0.8921	0.9964	0.7553	0.9456	0.9424	0.5613	0.9469	0.9467
47.6	0.8647	0.9958	0.6655	0.9405	0.9207	0.3865	0.9407	0.9325
47.7	0.8947	0.9961	0.6877	0.9511	0.9234	0.3471	0.9514	0.9257
47.8	0.8863	0.9956	0.6698	0.9518	0.9197	0.4910	0.9513	0.8925
47.9	0.8894	0.9958	0.5678	0.9355	0.8697	0.4764	0.9370	0.7221
48.0	0.8551	0.9956	0.6271	0.9481	0.9155	0.4828	0.9491	0.8291
48.1	0.7975	0.9958	0.4856	0.9476	0.9203	0.5007	0.9464	0.7203
48.2	0.8332	0.9963	0.5452	0.9514	0.9489	0.5098	0.9489	0.8395
48.3	0.8051	0.9970	0.6009	0.9522	0.9471	0.4807	0.9501	0.8691
48.4	0.7870	0.9954	0.4483	0.9290	0.9355	0.3872	0.9280	0.7679
48.5	0.8333	0.9956	0.4080	0.9348	0.9592	0.4115	0.9338	0.7763
48.6	0.8183	0.9955	0.3302	0.8902	0.9581	0.4459	0.8855	0.8762
48.7	0.8224	0.9966	0.3866	0.9111	0.9496	0.4437	0.9026	0.8995
48.8	0.8606	0.9961	0.4354	0.9627	0.9520	0.6021	0.9622	0.9408
48.9	0.8359	0.9966	0.5109	0.9678	0.9661	0.6345	0.9663	0.9640
49.0	0.7699	0.9958	0.4828	0.9277	0.9392	0.4582	0.9243	0.9317
49.1	0.7050	0.9951	0.3349	0.8605	0.8649	0.4179	0.8466	0.7402
49.2	0.7862	0.9933	0.2669	0.8834	0.9234	0.4537	0.8655	0.8914
49.3	0.8369	0.9947	0.4462	0.9428	0.9600	0.5895	0.9360	0.9515
49.4	0.7809	0.9940	0.5371	0.9446	0.9449	0.6150	0.9393	0.9213
49.5	0.6639	0.9937	0.6375	0.9401	0.9365	0.5405	0.9364	0.9191
49.6	0.7072	0.9945	0.5373	0.9476	0.9550	0.5655	0.9438	0.9559
49.7	0.7633	0.9940	0.5708	0.9548	0.9640	0.6155	0.9514	0.9446
49.8	0.8477	0.9951	0.6731	0.9700	0.9673	0.6713	0.9712	0.9583
49.9	0.6903	0.9950	0.6225	0.9149	0.9112	0.6381	0.9135	0.8741
50.0	0.7649	0.9944	0.6041	0.9069	0.8959	0.4650	0.9094	0.8754
50.1	0.8638	0.9956	0.7453	0.9611	0.9604	0.6324	0.9619	0.9702
50.2	0.8861	0.9958	0.8083	0.9724	0.9763	0.7954	0.9740	0.9803
50.3	0.8878	0.9960	0.8444	0.9726	0.9726	0.7944	0.9724	0.9768
50.4	0.7933	0.9949	0.7573	0.9588	0.9663	0.7360	0.9583	0.9702
50.5	0.7621	0.9947	0.7650	0.9560	0.9659	0.7487	0.9544	0.9676
50.6	0.8078	0.9943	0.8129	0.9587	0.9639	0.8260	0.9567	0.9712
50.7	0.7672	0.9931	0.8277	0.9535	0.9607	0.7903	0.9498	0.9634
50.8	0.6497	0.9949	0.8478	0.9616	0.9646	0.8042	0.9583	0.9563
50.9	0.3779	0.9966	0.8885	0.9727	0.9696	0.8192	0.9723	0.9603

51.0	0.4093	0.9959	0.8370	0.9375	0.9379	0.7949	0.9369	0.9153
51.1	0.5102	0.9943	0.8063	0.9206	0.9162	0.7915	0.9171	0.8896
51.2	0.1177	0.9920	0.7729	0.8630	0.8536	0.7203	0.8592	0.8202
51.3	0.5407	0.9952	0.8117	0.8808	0.8639	0.6087	0.8776	0.8375
51.4	0.7765	0.9956	0.8099	0.9219	0.9143	0.7472	0.9164	0.8760
51.5	0.8267	0.9962	0.8772	0.9545	0.9547	0.8440	0.9519	0.9497
51.6	0.8253	0.9958	0.9220	0.9664	0.9657	0.8691	0.9654	0.9661
51.7	0.7949	0.9951	0.9373	0.9738	0.9696	0.8723	0.9738	0.9755
51.8	0.6866	0.9943	0.9083	0.9634	0.9604	0.8512	0.9631	0.9648
51.9	0.5852	0.9958	0.8925	0.9689	0.9685	0.8628	0.9678	0.9648
52.0	0.4928	0.9955	0.8760	0.9631	0.9616	0.8449	0.9612	0.9456
52.1	0.3783	0.9950	0.9027	0.9729	0.9688	0.8978	0.9715	0.9624
52.2	0.4432	0.9961	0.8950	0.9601	0.9411	0.8627	0.9584	0.9388
52.3	0.5107	0.9957	0.8674	0.9328	0.9014	0.8163	0.9295	0.8990
52.4	0.5243	0.9937	0.8322	0.9276	0.9368	0.8107	0.9222	0.9000
52.5	0.3693	0.9943	0.8332	0.9471	0.9545	0.8533	0.9422	0.9090
52.6	0.5780	0.9953	0.8620	0.9603	0.9570	0.8279	0.9562	0.9294
52.7	0.6979	0.9952	0.7790	0.9231	0.8704	0.7440	0.9182	0.8352
52.8	0.8010	0.9956	0.8229	0.9251	0.8432	0.7224	0.9236	0.8708
52.9	0.7962	0.9954	0.8424	0.9360	0.9272	0.8120	0.9329	0.9056
53.0	0.8162	0.9955	0.8895	0.9664	0.9680	0.8522	0.9628	0.9371
53.1	0.7840	0.9940	0.8699	0.9637	0.9689	0.8310	0.9587	0.9181
53.2	0.8408	0.9945	0.8936	0.9730	0.9711	0.8328	0.9703	0.9375
53.3	0.8260	0.9950	0.9087	0.9733	0.9617	0.8261	0.9717	0.9465
53.4	0.6956	0.9955	0.9106	0.9592	0.9375	0.8161	0.9581	0.9345
53.5	0.8243	0.9953	0.8825	0.9163	0.8835	0.7315	0.9146	0.8643
53.6	0.8965	0.9954	0.8817	0.9388	0.9266	0.7894	0.9369	0.8935
53.7	0.9370	0.9950	0.9243	0.9723	0.9661	0.8608	0.9709	0.9419
53.8	0.9271	0.9945	0.9327	0.9754	0.9638	0.8663	0.9750	0.9500
53.9	0.9118	0.9941	0.9340	0.9702	0.9631	0.8899	0.9689	0.9449
54.0	0.8771	0.9946	0.9352	0.9653	0.9497	0.8879	0.9640	0.9189
54.1	0.9009	0.9943	0.8895	0.9406	0.9286	0.8559	0.9378	0.8618
54.2	0.9201	0.9952	0.9264	0.9666	0.9572	0.8844	0.9653	0.9306
54.3	0.9493	0.9947	0.9639	0.9764	0.9598	0.9011	0.9768	0.9669
54.4	0.9495	0.9948	0.9677	0.9814	0.9651	0.9267	0.9811	0.9681
54.5	0.9457	0.9947	0.9600	0.9762	0.9597	0.9307	0.9752	0.9473
54.6	0.9536	0.9952	0.9470	0.9679	0.9359	0.9222	0.9675	0.9109
54.7	0.9489	0.9938	0.9301	0.9645	0.9267	0.9113	0.9644	0.9189
54.8	0.9564	0.9947	0.9566	0.9729	0.9417	0.9183	0.9738	0.9539
54.9	0.9582	0.9961	0.9729	0.9862	0.9695	0.9425	0.9862	0.9678
55.0	0.9684	0.9961	0.9808	0.9886	0.9739	0.9532	0.9889	0.9781
55.1	0.9651	0.9946	0.9764	0.9854	0.9665	0.9520	0.9859	0.9736
55.2	0.9441	0.9922	0.9621	0.9746	0.9507	0.9391	0.9752	0.9581
55.3	0.9415	0.9934	0.9670	0.9755	0.9513	0.9410	0.9766	0.9643
55.4	0.9385	0.9928	0.9652	0.9724	0.9464	0.9409	0.9730	0.9511
55.5	0.9295	0.9931	0.9578	0.9511	0.9204	0.9341	0.9518	0.9375
55.6	0.9388	0.9922	0.9635	0.9607	0.9374	0.9407	0.9614	0.9509
55.7	0.9615	0.9927	0.9747	0.9804	0.9619	0.9589	0.9811	0.9704
55.8	0.9512	0.9937	0.9763	0.9834	0.9689	0.9669	0.9837	0.9756
55.9	0.9341	0.9941	0.9725	0.9803	0.9607	0.9627	0.9806	0.9657
56.0	0.8689	0.9946	0.9510	0.9364	0.9051	0.9365	0.9373	0.9112
56.1	0.8631	0.9950	0.9526	0.9320	0.9066	0.9396	0.9327	0.9243
56.2	0.9403	0.9951	0.9779	0.9772	0.9626	0.9708	0.9777	0.9734
56.3	0.9513	0.9949	0.9837	0.9845	0.9753	0.9775	0.9849	0.9811
56.4	0.9506	0.9946	0.9834	0.9847	0.9754	0.9779	0.9853	0.9829
56.5	0.9600	0.9960	0.9865	0.9900	0.9823	0.9848	0.9902	0.9865
56.6	0.9556	0.9947	0.9843	0.9884	0.9828	0.9845	0.9881	0.9799
56.7	0.9324	0.9916	0.9834	0.9857	0.9753	0.9780	0.9857	0.9779
56.8	0.9305	0.9905	0.9805	0.9828	0.9707	0.9743	0.9830	0.9711
56.9	0.9625	0.9956	0.9895	0.9904	0.9819	0.9843	0.9904	0.9739
57.0	0.9472	0.9958	0.9868	0.9889	0.9790	0.9853	0.9889	0.9758
57.1	0.8806	0.9940	0.9707	0.9626	0.9196	0.9647	0.9631	0.9508
57.2	0.8332	0.9944	0.9465	0.9226	0.8621	0.9387	0.9241	0.9152
57.3	0.8831	0.9906	0.9542	0.9434	0.9045	0.9477	0.9439	0.9215
57.4	0.9070	0.9916	0.9757	0.9739	0.9439	0.9635	0.9742	0.9442
57.5	0.9332	0.9940	0.9813	0.9831	0.9728	0.9804	0.9828	0.9653
57.6	0.9556	0.9942	0.9862	0.9881	0.9850	0.9876	0.9880	0.9807
57.7	0.9562	0.9938	0.9882	0.9895	0.9839	0.9872	0.9895	0.9819
57.8	0.9462	0.9931	0.9873	0.9886	0.9822	0.9856	0.9884	0.9792
57.9	0.9448	0.9939	0.9890	0.9900	0.9851	0.9877	0.9897	0.9823
58.0	0.9272	0.9927	0.9863	0.9874	0.9828	0.9865	0.9872	0.9772
58.1	0.9171	0.9920	0.9834	0.9860	0.9788	0.9857	0.9862	0.9777
58.2	0.8825	0.9934	0.9797	0.9836	0.9757	0.9844	0.9836	0.9681
58.3	0.8673	0.9938	0.9813	0.9847	0.9809	0.9854	0.9846	0.9713
58.4	0.8958	0.9929	0.9832	0.9857	0.9777	0.9854	0.9859	0.9791
58.5	0.9012	0.9907	0.9827	0.9842	0.9770	0.9844	0.9843	0.9739
58.6	0.8924	0.9882	0.9784	0.9803	0.9740	0.9817	0.9804	0.9731
58.7	0.8820	0.9876	0.9765	0.9783	0.9692	0.9794	0.9784	0.9736
58.8	0.9259	0.9908	0.9842	0.9853	0.9815	0.9863	0.9851	0.9735
58.9	0.9393	0.9925	0.9872	0.9888	0.9828	0.9876	0.9885	0.9744
59.0	0.9021	0.9926	0.9871	0.9888	0.9826	0.9873	0.9887	0.9779
59.1	0.8657	0.9933	0.9855	0.9879	0.9802	0.9877	0.9878	0.9801
59.2	0.9115	0.9936	0.9855	0.9874	0.9805	0.9880	0.9873	0.9815
59.3	0.9097	0.9937	0.9891	0.9904	0.9863	0.9899	0.9900	0.9797
59.4	0.9042	0.9917	0.9844	0.9856	0.9823	0.9866	0.9853	0.9760
59.5	0.8787	0.9875	0.9801	0.9817	0.9766	0.9841	0.9812	0.9693

59.6	0.8587	0.9855	0.9772	0.9782	0.9754	0.9801	0.9774	0.9701
59.7	0.8328	0.9846	0.9792	0.9804	0.9760	0.9800	0.9801	0.9730
59.8	0.8204	0.9849	0.9765	0.9804	0.9737	0.9816	0.9798	0.9701
59.9	0.8004	0.9509	0.9814	0.9812	0.9793	0.9841	0.9817	0.9682
60.0	0.8186	0.8759	0.9815	0.9778	0.9808	0.9826	0.9801	0.9707
60.1	0.8351	0.9623	0.9860	0.9862	0.9811	0.9867	0.9865	0.9783
60.2	0.8700	0.9934	0.9906	0.9915	0.9876	0.9916	0.9911	0.9833
60.3	0.8653	0.9916	0.9852	0.9868	0.9813	0.9883	0.9865	0.9818
60.4	0.8391	0.9888	0.9804	0.9839	0.9763	0.9838	0.9834	0.9754
60.5	0.8307	0.9899	0.9857	0.9867	0.9865	0.9887	0.9858	0.9728
60.6	0.8342	0.9890	0.9839	0.9854	0.9815	0.9870	0.9846	0.9733
60.7	0.8817	0.9895	0.9864	0.9872	0.9845	0.9872	0.9865	0.9768
60.8	0.8931	0.9919	0.9881	0.9890	0.9862	0.9892	0.9883	0.9800
60.9	0.8403	0.9901	0.9842	0.9850	0.9809	0.9858	0.9843	0.9745
61.0	0.8362	0.9883	0.9826	0.9841	0.9791	0.9847	0.9836	0.9727
61.1	0.8543	0.9871	0.9810	0.9831	0.9754	0.9833	0.9827	0.9732
61.2	0.8675	0.9872	0.9815	0.9831	0.9782	0.9835	0.9824	0.9729
61.3	0.8507	0.9856	0.9815	0.9837	0.9763	0.9844	0.9830	0.9744
61.4	0.8621	0.9883	0.9851	0.9853	0.9807	0.9858	0.9849	0.9788
61.5	0.8825	0.9892	0.9847	0.9848	0.9805	0.9843	0.9843	0.9788
61.6	0.8688	0.9895	0.9844	0.9874	0.9799	0.9867	0.9870	0.9808
61.7	0.8538	0.9875	0.9832	0.9844	0.9806	0.9830	0.9836	0.9713
61.8	0.8704	0.9878	0.9830	0.9840	0.9807	0.9824	0.9833	0.9714
61.9	0.8458	0.9846	0.9807	0.9826	0.9778	0.9812	0.9820	0.9707
62.0	0.8841	0.9859	0.9834	0.9831	0.9805	0.9836	0.9828	0.9751
62.1	0.9107	0.9887	0.9861	0.9862	0.9819	0.9863	0.9857	0.9759
62.2	0.8848	0.9872	0.9813	0.9829	0.9788	0.9824	0.9821	0.9698
62.3	0.8996	0.9885	0.9834	0.9854	0.9805	0.9853	0.9850	0.9761
62.4	0.8688	0.9840	0.9811	0.9828	0.9779	0.9823	0.9820	0.9676
62.5	0.9013	0.9840	0.9792	0.9814	0.9773	0.9813	0.9807	0.9684
62.6	0.9262	0.9862	0.9837	0.9840	0.9798	0.9832	0.9834	0.9734
62.7	0.9079	0.9847	0.9807	0.9818	0.9761	0.9805	0.9810	0.9711
62.8	0.9033	0.9853	0.9814	0.9810	0.9780	0.9792	0.9803	0.9702
62.9	0.9102	0.9878	0.9841	0.9850	0.9805	0.9830	0.9846	0.9766
63.0	0.9075	0.9841	0.9788	0.9814	0.9727	0.9803	0.9809	0.9700
63.1	0.9080	0.9825	0.9798	0.9811	0.9763	0.9807	0.9805	0.9660
63.2	0.8914	0.9807	0.9774	0.9772	0.9742	0.9746	0.9766	0.9599
63.3	0.9282	0.9857	0.9852	0.9841	0.9810	0.9828	0.9838	0.9724
63.4	0.9296	0.9846	0.9831	0.9841	0.9800	0.9804	0.9835	0.9671
63.5	0.9476	0.9902	0.9889	0.9889	0.9829	0.9877	0.9884	0.9777
63.6	0.9427	0.9868	0.9836	0.9831	0.9793	0.9827	0.9827	0.9714
63.7	0.9499	0.9868	0.9834	0.9847	0.9759	0.9833	0.9846	0.9707
63.8	0.9495	0.9876	0.9865	0.9874	0.9798	0.9849	0.9871	0.9761
63.9	0.9316	0.9829	0.9823	0.9830	0.9777	0.9783	0.9823	0.9696
64.0	0.9316	0.9851	0.9863	0.9877	0.9805	0.9838	0.9872	0.9730
64.1	0.9186	0.9813	0.9776	0.9796	0.9709	0.9770	0.9792	0.9669
64.2	0.8784	0.9798	0.9675	0.9681	0.9646	0.9684	0.9677	0.9557
64.3	0.9025	0.9830	0.9753	0.9816	0.9664	0.9755	0.9816	0.9688
64.4	0.9228	0.9844	0.9827	0.9843	0.9763	0.9822	0.9840	0.9702
64.5	0.9414	0.9865	0.9836	0.9845	0.9780	0.9814	0.9846	0.9750
64.6	0.9348	0.9836	0.9784	0.9844	0.9666	0.9786	0.9844	0.9738
64.7	0.9274	0.9821	0.9755	0.9777	0.9607	0.9766	0.9773	0.9675
64.8	0.9338	0.9856	0.9841	0.9829	0.9750	0.9827	0.9823	0.9696
64.9	0.9259	0.9851	0.9825	0.9825	0.9764	0.9798	0.9822	0.9683
65.0	0.9000	0.9761	0.9754	0.9744	0.9640	0.9718	0.9736	0.9615
65.1	0.9284	0.9804	0.9815	0.9824	0.9750	0.9797	0.9816	0.9647
65.2	0.9492	0.9880	0.9850	0.9842	0.9808	0.9839	0.9837	0.9754
65.3	0.9584	0.9852	0.9853	0.9836	0.9767	0.9824	0.9833	0.9717
65.4	0.9478	0.9798	0.9788	0.9763	0.9710	0.9781	0.9755	0.9665
65.5	0.9338	0.9817	0.9816	0.9744	0.9785	0.9807	0.9730	0.9635
65.6	0.9346	0.9849	0.9873	0.9818	0.9846	0.9862	0.9806	0.9654
65.7	0.9309	0.9829	0.9850	0.9801	0.9795	0.9823	0.9790	0.9684
65.8	0.9337	0.9818	0.9843	0.9824	0.9702	0.9839	0.9816	0.9706
65.9	0.9471	0.9860	0.9854	0.9800	0.9743	0.9859	0.9796	0.9715
66.0	0.9481	0.9835	0.9814	0.9751	0.9749	0.9810	0.9744	0.9713
66.1	0.9467	0.9841	0.9829	0.9804	0.9786	0.9831	0.9794	0.9747
66.2	0.9470	0.9838	0.9823	0.9796	0.9725	0.9824	0.9785	0.9763
66.3	0.9492	0.9843	0.9826	0.9771	0.9731	0.9819	0.9761	0.9752
66.4	0.9591	0.9890	0.9883	0.9827	0.9778	0.9866	0.9818	0.9805
66.5	0.9646	0.9890	0.9885	0.9818	0.9762	0.9866	0.9807	0.9790
66.6	0.9578	0.9872	0.9869	0.9802	0.9774	0.9854	0.9790	0.9755
66.7	0.9406	0.9803	0.9796	0.9721	0.9685	0.9773	0.9707	0.9647
66.8	0.9516	0.9814	0.9823	0.9804	0.9657	0.9785	0.9794	0.9709
66.9	0.9530	0.9838	0.9843	0.9765	0.9707	0.9821	0.9751	0.9718
67.0	0.9439	0.9831	0.9784	0.9729	0.9630	0.9769	0.9715	0.9714
67.1	0.9508	0.9840	0.9821	0.9758	0.9770	0.9789	0.9750	0.9736
67.2	0.9553	0.9877	0.9803	0.9710	0.9703	0.9826	0.9705	0.9782
67.3	0.9330	0.9824	0.9708	0.9617	0.9586	0.9739	0.9607	0.9722
67.4	0.9292	0.9806	0.9753	0.9732	0.9659	0.9727	0.9722	0.9700
67.5	0.9509	0.9894	0.9843	0.9810	0.9748	0.9861	0.9802	0.9838
67.6	0.9316	0.9872	0.9785	0.9670	0.9686	0.9805	0.9655	0.9818
67.7	0.9321	0.9868	0.9818	0.9667	0.9662	0.9805	0.9646	0.9817
67.8	0.9402	0.9866	0.9786	0.9664	0.9675	0.9801	0.9647	0.9779
67.9	0.9304	0.9819	0.9721	0.9584	0.9592	0.9750	0.9571	0.9684
68.0	0.9343	0.9794	0.9704	0.9606	0.9495	0.9715	0.9595	0.9696
68.1	0.9497	0.9852	0.9759	0.9642	0.9641	0.9782	0.9634	0.9775

68.2	0.9585	0.9885	0.9712	0.9555	0.9723	0.9749	0.9538	0.9848
68.3	0.9615	0.9868	0.9635	0.9524	0.9657	0.9679	0.9501	0.9836
68.4	0.9593	0.9844	0.9523	0.9349	0.9686	0.9723	0.9330	0.9749
68.5	0.9695	0.9891	0.9635	0.9459	0.9781	0.9800	0.9448	0.9834
68.6	0.9805	0.9917	0.9677	0.9397	0.9805	0.9787	0.9381	0.9852
68.7	0.9756	0.9878	0.9503	0.9334	0.9760	0.9683	0.9314	0.9794
68.8	0.9635	0.9839	0.9499	0.9359	0.9778	0.9658	0.9340	0.9750
68.9	0.9674	0.9874	0.9646	0.9513	0.9822	0.9779	0.9498	0.9827
69.0	0.9674	0.9883	0.9497	0.9406	0.9773	0.9742	0.9383	0.9838
69.1	0.9608	0.9881	0.9317	0.9294	0.9688	0.9699	0.9274	0.9796
69.2	0.9701	0.9892	0.9145	0.9016	0.9665	0.9684	0.8984	0.9831
69.3	0.9695	0.9887	0.9006	0.8759	0.9727	0.9654	0.8723	0.9821
69.4	0.9711	0.9905	0.9224	0.8746	0.9776	0.9728	0.8716	0.9834
69.5	0.9671	0.9907	0.9214	0.8650	0.9795	0.9666	0.8592	0.9841
69.6	0.9713	0.9928	0.9293	0.8812	0.9854	0.9686	0.8753	0.9880
69.7	0.9631	0.9906	0.8877	0.8409	0.9857	0.9560	0.8339	0.9846
69.8	0.9654	0.9895	0.9045	0.8397	0.9845	0.9604	0.8318	0.9818
69.9	0.9713	0.9922	0.9243	0.8502	0.9847	0.9624	0.8412	0.9837
70.0	0.9724	0.9908	0.9149	0.7914	0.9849	0.9608	0.7792	0.9834
70.1	0.9795	0.9909	0.9042	0.7932	0.9858	0.9604	0.7799	0.9843
70.2	0.9693	0.9892	0.8630	0.6490	0.9810	0.9443	0.6315	0.9768
70.3	0.9718	0.9900	0.9344	0.6213	0.9849	0.9689	0.5936	0.9800
70.4	0.9674	0.9905	0.9001	0.6833	0.9847	0.9596	0.6503	0.9850
70.5	0.9621	0.9875	0.8794	0.4308	0.9825	0.9473	0.3962	0.9806
70.6	0.9638	0.9887	0.9007	0.4125	0.9853	0.9488	0.3817	0.9830
70.7	0.9490	0.9899	0.8866	0.3244	0.9816	0.9288	0.2956	0.9723
70.8	0.9579	0.9926	0.9101	0.2095	0.9839	0.9458	0.1917	0.9776
70.9	0.9603	0.9921	0.9217	0.1696	0.9856	0.9609	0.1596	0.9806
71.0	0.9551	0.9896	0.9266	0.1750	0.9841	0.9616	0.1929	0.9789
71.1	0.9597	0.9923	0.9503	0.0726	0.9877	0.9687	0.0931	0.9767
71.2	0.9569	0.9920	0.9444	0.0425	0.9891	0.9624	0.0849	0.9778
71.3	0.9367	0.9894	0.9335	0.1003	0.9875	0.9552	0.1616	0.9741
71.4	0.9373	0.9877	0.9332	0.1802	0.9864	0.9530	0.2501	0.9720
71.5	0.9466	0.9911	0.9312	0.2688	0.9864	0.9482	0.3361	0.9731
71.6	0.9352	0.9901	0.9371	0.3793	0.9858	0.9583	0.4505	0.9763
71.7	0.9337	0.9909	0.9508	0.5287	0.9862	0.9633	0.5766	0.9755
71.8	0.9346	0.9914	0.9477	0.4655	0.9844	0.9560	0.5123	0.9723
71.9	0.9437	0.9913	0.9485	0.5924	0.9854	0.9572	0.6353	0.9746
72.0	0.9465	0.9951	0.9662	0.7255	0.9892	0.9740	0.7562	0.9838
72.1	0.9204	0.9942	0.9546	0.6938	0.9833	0.9658	0.7230	0.9685
72.2	0.9064	0.9899	0.9411	0.5553	0.9740	0.9458	0.5926	0.9586
72.3	0.9481	0.9920	0.9611	0.7034	0.9803	0.9573	0.7303	0.9702
72.4	0.9610	0.9932	0.9730	0.8181	0.9853	0.9716	0.8338	0.9778
72.5	0.9535	0.9925	0.9680	0.8115	0.9794	0.9685	0.8270	0.9752
72.6	0.9129	0.9876	0.9262	0.6916	0.9586	0.9298	0.7120	0.9490
72.7	0.9302	0.9880	0.9481	0.7683	0.9564	0.9420	0.7804	0.9512
72.8	0.9559	0.9905	0.9668	0.8337	0.9647	0.9393	0.8419	0.9539
72.9	0.9560	0.9922	0.9642	0.8303	0.9717	0.9416	0.8419	0.9481
73.0	0.9489	0.9924	0.9617	0.7891	0.9705	0.9437	0.8027	0.9472
73.1	0.9504	0.9918	0.9600	0.8178	0.9718	0.9572	0.8277	0.9572
73.2	0.9607	0.9917	0.9628	0.8626	0.9687	0.9511	0.8700	0.9529
73.3	0.9467	0.9908	0.9547	0.8612	0.9448	0.9413	0.8733	0.9398
73.4	0.9380	0.9889	0.9308	0.7987	0.9372	0.9061	0.8091	0.9153
73.5	0.9563	0.9919	0.9542	0.8478	0.9531	0.9209	0.8555	0.9235
73.6	0.9650	0.9935	0.9675	0.8957	0.9594	0.9493	0.9028	0.9434
73.7	0.9605	0.9922	0.9649	0.8868	0.9406	0.9392	0.8908	0.9361
73.8	0.9585	0.9921	0.9625	0.9175	0.9483	0.9448	0.9191	0.9374
73.9	0.9548	0.9910	0.9569	0.9152	0.9284	0.9449	0.9215	0.9274
74.0	0.9571	0.9927	0.9521	0.9197	0.9008	0.9410	0.9265	0.9369
74.1	0.9594	0.9927	0.9628	0.9196	0.9043	0.9301	0.9210	0.9271
74.2	0.9607	0.9935	0.9597	0.9196	0.9129	0.9283	0.9213	0.9337
74.3	0.9599	0.9937	0.9552	0.9162	0.8869	0.9300	0.9183	0.9339
74.4	0.9549	0.9932	0.9486	0.9176	0.8482	0.9347	0.9190	0.9291
74.5	0.9361	0.9935	0.9480	0.9168	0.8298	0.9097	0.9184	0.9010
74.6	0.9453	0.9934	0.9570	0.9260	0.8644	0.9206	0.9310	0.9192
74.7	0.9494	0.9929	0.9436	0.9163	0.7718	0.9197	0.9214	0.9207
74.8	0.9443	0.9924	0.9316	0.9039	0.7320	0.9099	0.9086	0.9175
74.9	0.9399	0.9921	0.9360	0.9074	0.6979	0.8983	0.9115	0.9037
75.0	0.9486	0.9936	0.9359	0.9058	0.7360	0.9160	0.9126	0.9087
75.1	0.9473	0.9934	0.9326	0.9242	0.7395	0.9247	0.9286	0.9095
75.2	0.9258	0.9917	0.9044	0.9108	0.6809	0.8979	0.9155	0.8751
75.3	0.9062	0.9901	0.8661	0.8660	0.5599	0.8453	0.8737	0.8373
75.4	0.9158	0.9914	0.8861	0.8691	0.6093	0.8578	0.8783	0.8611
75.5	0.9180	0.9927	0.8584	0.8688	0.6450	0.8595	0.8790	0.8713
75.6	0.9327	0.9948	0.8884	0.8961	0.7591	0.8993	0.9041	0.9211
75.7	0.9324	0.9940	0.8677	0.8912	0.7020	0.9057	0.9024	0.9090
75.8	0.9219	0.9934	0.8278	0.8767	0.6378	0.8901	0.8876	0.8759
75.9	0.9133	0.9924	0.8052	0.8399	0.6121	0.8482	0.8539	0.8659
76.0	0.9162	0.9931	0.7206	0.8370	0.6529	0.8716	0.8572	0.8848
76.1	0.9144	0.9926	0.6990	0.8459	0.7420	0.8918	0.8667	0.8949
76.2	0.9244	0.9936	0.6968	0.8644	0.7542	0.9065	0.8864	0.9169
76.3	0.9088	0.9937	0.6372	0.8453	0.7326	0.8992	0.8720	0.9117
76.4	0.9219	0.9945	0.5702	0.8723	0.6950	0.8970	0.8962	0.8948
76.5	0.8961	0.9916	0.4606	0.7933	0.6127	0.8362	0.8272	0.8337
76.6	0.8735	0.9912	0.3538	0.7647	0.6251	0.8347	0.8032	0.8300
76.7	0.8936	0.9915	0.3316	0.8211	0.7311	0.8623	0.8538	0.8652

76.8	0.9013	0.9919	0.4954	0.8414	0.7615	0.8634	0.8637	0.8629
76.9	0.9146	0.9948	0.4466	0.8624	0.8228	0.9012	0.8828	0.8948
77.0	0.9160	0.9961	0.3380	0.8451	0.8378	0.9148	0.8757	0.9054
77.1	0.8958	0.9957	0.3391	0.8239	0.8092	0.8911	0.8564	0.8723
77.2	0.8554	0.9941	0.3716	0.7706	0.7960	0.8332	0.7995	0.8251
77.3	0.8691	0.9921	0.4406	0.7934	0.7752	0.8454	0.8189	0.8347
77.4	0.9182	0.9949	0.4941	0.8690	0.8288	0.9220	0.8948	0.8915
77.5	0.9139	0.9948	0.6151	0.8761	0.8552	0.9238	0.8969	0.9008
77.6	0.8954	0.9928	0.6606	0.8369	0.8367	0.8860	0.8555	0.8651
77.7	0.8981	0.9941	0.6594	0.8330	0.7971	0.8890	0.8528	0.8393
77.8	0.9391	0.9945	0.7225	0.8892	0.8277	0.9199	0.9020	0.8597
77.9	0.9288	0.9937	0.7658	0.9093	0.8641	0.9345	0.9202	0.8608
78.0	0.8887	0.9920	0.7300	0.8475	0.8325	0.8916	0.8625	0.8230
78.1	0.8985	0.9911	0.7153	0.8431	0.7994	0.8817	0.8602	0.7924
78.2	0.8968	0.9929	0.7361	0.8536	0.7983	0.8814	0.8684	0.7657
78.3	0.9430	0.9946	0.8516	0.9179	0.8855	0.9294	0.9235	0.8336
78.4	0.9490	0.9943	0.8826	0.9320	0.8679	0.9235	0.9334	0.7870
78.5	0.9499	0.9954	0.8933	0.9362	0.8878	0.9292	0.9392	0.7699
78.6	0.9355	0.9938	0.8634	0.9145	0.8708	0.9209	0.9192	0.7258
78.7	0.9411	0.9933	0.8883	0.9275	0.8280	0.9196	0.9297	0.5961
78.8	0.9552	0.9927	0.8783	0.9360	0.7468	0.9249	0.9420	0.4584
78.9	0.9508	0.9937	0.8713	0.9400	0.7120	0.9366	0.9467	0.3564
79.0	0.9619	0.9954	0.9157	0.9554	0.7956	0.9424	0.9568	0.5026
79.1	0.9644	0.9953	0.9396	0.9658	0.8793	0.9604	0.9673	0.5745
79.2	0.9464	0.9932	0.9118	0.9339	0.8380	0.9287	0.9372	0.4266
79.3	0.9516	0.9921	0.9040	0.9323	0.7901	0.9211	0.9361	0.1595
79.4	0.9677	0.9937	0.9280	0.9573	0.8189	0.9570	0.9616	0.2962
79.5	0.9663	0.9939	0.9348	0.9577	0.8043	0.9538	0.9594	0.3219
79.6	0.9492	0.9935	0.9353	0.9424	0.7723	0.9239	0.9406	0.3752
79.7	0.9585	0.9951	0.9429	0.9522	0.7781	0.9391	0.9529	0.4852
79.8	0.9595	0.9942	0.9323	0.9564	0.7346	0.9510	0.9570	0.5949
79.9	0.9542	0.9915	0.9406	0.9573	0.6204	0.9385	0.9553	0.6789
80.0	0.9539	0.9918	0.9294	0.9433	0.6406	0.9303	0.9424	0.7297

2.2.99 Run 9 – IP270A10 – Accels 17–24

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0618	0.0036	0.9645	0.0597	0.4675	0.0006	0.1613	0.2471
0.1	0.0498	0.0083	0.8828	0.0313	0.2140	0.0153	0.0891	0.1199
0.2	0.0065	0.0050	0.0038	0.0092	0.0194	0.0263	0.0141	0.0110
0.3	0.0147	0.0213	0.0008	0.0117	0.0068	0.0057	0.0091	0.0349
0.4	0.0269	0.0062	0.0208	0.0211	0.0049	0.0007	0.0046	0.0107
0.5	0.0037	0.0094	0.0126	0.0052	0.0068	0.0072	0.0040	0.0213
0.6	0.0040	0.0352	0.0037	0.0170	0.0148	0.0451	0.0240	0.0379
0.7	0.0144	0.1220	0.0152	0.0107	0.0336	0.0025	0.0096	0.0113
0.8	0.0032	0.3378	0.0296	0.0306	0.0104	0.0023	0.0117	0.0790
0.9	0.0160	0.5702	0.0379	0.0342	0.0270	0.0169	0.0266	0.2313
1.0	0.0535	0.5933	0.0597	0.0101	0.0713	0.0241	0.0311	0.3327
1.1	0.1778	0.8395	0.0166	0.0181	0.2299	0.1170	0.3905	0.8081
1.2	0.3189	0.9200	0.0722	0.0317	0.3319	0.0836	0.6289	0.9224
1.3	0.6420	0.9570	0.2105	0.2736	0.5363	0.0560	0.7016	0.9503
1.4	0.5356	0.9640	0.3172	0.3522	0.3351	0.1582	0.5825	0.6859
1.5	0.3569	0.8708	0.0486	0.3301	0.3880	0.1642	0.3204	0.5399
1.6	0.2859	0.9238	0.1746	0.4546	0.6143	0.0203	0.1739	0.7789
1.7	0.2992	0.9407	0.6252	0.7112	0.8829	0.1208	0.3055	0.9354
1.8	0.2652	0.8890	0.7594	0.7674	0.9122	0.5159	0.6503	0.9059
1.9	0.7176	0.8787	0.6804	0.5301	0.8692	0.6081	0.8585	0.8777
2.0	0.6025	0.7414	0.6730	0.1122	0.7598	0.3750	0.8292	0.7492
2.1	0.7444	0.7719	0.8228	0.6541	0.7984	0.5675	0.7965	0.7798
2.2	0.6911	0.8897	0.7027	0.5967	0.9236	0.6286	0.6817	0.9005
2.3	0.4226	0.9476	0.4650	0.4282	0.9687	0.4096	0.5112	0.9567
2.4	0.2366	0.9755	0.3945	0.4205	0.9862	0.2910	0.5725	0.9796
2.5	0.5006	0.9849	0.7843	0.8355	0.9916	0.6544	0.9148	0.9876
2.6	0.3879	0.9852	0.7869	0.8911	0.9912	0.5077	0.9577	0.9874
2.7	0.7211	0.9912	0.8018	0.9283	0.9959	0.4798	0.9874	0.9930
2.8	0.8349	0.9924	0.7039	0.9576	0.9972	0.4240	0.9923	0.9942
2.9	0.8861	0.9944	0.5053	0.9595	0.9981	0.4949	0.9933	0.9958
3.0	0.8822	0.9950	0.1790	0.9551	0.9982	0.5547	0.9945	0.9965
3.1	0.8688	0.9950	0.2569	0.9267	0.9983	0.4009	0.9943	0.9964
3.2	0.9106	0.9955	0.4908	0.9239	0.9990	0.3214	0.9946	0.9968
3.3	0.9308	0.9959	0.6534	0.9384	0.9987	0.3706	0.9951	0.9969
3.4	0.9510	0.9979	0.7444	0.9510	0.9992	0.5238	0.9970	0.9985
3.5	0.9403	0.9975	0.8659	0.9331	0.9993	0.4753	0.9971	0.9982
3.6	0.9373	0.9968	0.9081	0.9163	0.9993	0.4326	0.9956	0.9978
3.7	0.9382	0.9971	0.8849	0.8982	0.9994	0.3929	0.9956	0.9979
3.8	0.9506	0.9976	0.9050	0.9055	0.9992	0.3700	0.9950	0.9982
3.9	0.9628	0.9981	0.8522	0.9230	0.9992	0.4594	0.9951	0.9986
4.0	0.9641	0.9984	0.8624	0.9123	0.9994	0.5393	0.9965	0.9988
4.1	0.9666	0.9988	0.9344	0.9189	0.9995	0.6007	0.9967	0.9992
4.2	0.9716	0.9989	0.9544	0.9267	0.9994	0.5845	0.9962	0.9993
4.3	0.9635	0.9984	0.9391	0.9066	0.9994	0.5957	0.9947	0.9990
4.4	0.9593	0.9987	0.9350	0.8955	0.9993	0.6009	0.9953	0.9991
4.5	0.9502	0.9987	0.9382	0.8516	0.9987	0.5327	0.9946	0.9992
4.6	0.9520	0.9987	0.9538	0.8431	0.9988	0.5779	0.9948	0.9992
4.7	0.9507	0.9990	0.9464	0.8361	0.9990	0.5476	0.9942	0.9993
4.8	0.9517	0.9990	0.9370	0.8242	0.9983	0.6194	0.9916	0.9994
4.9	0.9571	0.9991	0.9395	0.8504	0.9978	0.6100	0.9908	0.9992
5.0	0.9645	0.9993	0.9447	0.8379	0.9976	0.6128	0.9912	0.9991
5.1	0.9661	0.9991	0.8989	0.8088	0.9973	0.5371	0.9915	0.9989
5.2	0.9523	0.9985	0.7827	0.7875	0.9965	0.4371	0.9888	0.9984
5.3	0.9389	0.9988	0.6922	0.7688	0.9953	0.5857	0.9873	0.9984
5.4	0.9466	0.9991	0.4320	0.7391	0.9960	0.5512	0.9834	0.9986
5.5	0.9389	0.9987	0.3976	0.6009	0.9951	0.4554	0.9767	0.9980
5.6	0.9326	0.9983	0.5362	0.5769	0.9942	0.4955	0.9756	0.9977
5.7	0.9308	0.9979	0.7353	0.5910	0.9942	0.5001	0.9740	0.9970
5.8	0.9173	0.9980	0.8046	0.6022	0.9945	0.4302	0.9691	0.9968
5.9	0.9219	0.9972	0.7597	0.6169	0.9911	0.2737	0.9687	0.9947
6.0	0.9356	0.9977	0.8033	0.6686	0.9917	0.1599	0.9773	0.9951
6.1	0.9556	0.9987	0.8615	0.7793	0.9955	0.1417	0.9855	0.9972
6.2	0.9110	0.9980	0.7999	0.7917	0.9947	0.0988	0.9818	0.9966
6.3	0.8643	0.9981	0.8525	0.8635	0.9940	0.0051	0.9843	0.9964
6.4	0.7992	0.9975	0.8668	0.8572	0.9927	0.0661	0.9814	0.9953
6.5	0.6196	0.9981	0.7823	0.8204	0.9934	0.1583	0.9840	0.9961
6.6	0.3738	0.9984	0.8527	0.8812	0.9930	0.2211	0.9890	0.9962
6.7	0.3684	0.9980	0.8223	0.8918	0.9907	0.5209	0.9791	0.9958
6.8	0.6440	0.9980	0.8317	0.8773	0.9897	0.7712	0.9793	0.9954
6.9	0.6814	0.9989	0.7760	0.8688	0.9927	0.6620	0.9848	0.9971
7.0	0.7234	0.9991	0.6448	0.8051	0.9926	0.5471	0.9892	0.9976
7.1	0.8523	0.9992	0.6542	0.7953	0.9925	0.6144	0.9903	0.9972
7.2	0.9332	0.9989	0.5720	0.8122	0.9920	0.6976	0.9886	0.9965
7.3	0.9452	0.9989	0.5118	0.7508	0.9910	0.7434	0.9905	0.9959
7.4	0.9141	0.9988	0.3608	0.6678	0.9873	0.5685	0.9845	0.9946
7.5	0.9005	0.9988	0.1658	0.7567	0.9903	0.3430	0.9794	0.9952
7.6	0.8490	0.9986	0.1515	0.7824	0.9914	0.1093	0.9742	0.9955
7.7	0.8076	0.9990	0.3518	0.7914	0.9935	0.2451	0.9750	0.9960
7.8	0.8373	0.9991	0.4057	0.7752	0.9931	0.3546	0.9746	0.9963
7.9	0.8177	0.9990	0.2954	0.7762	0.9933	0.3145	0.9703	0.9970

8.0	0.8561	0.9989	0.3771	0.8094	0.9942	0.4259	0.9773	0.9975
8.1	0.8770	0.9991	0.4331	0.8269	0.9956	0.5711	0.9803	0.9979
8.2	0.9062	0.9994	0.5579	0.8279	0.9968	0.7283	0.9831	0.9983
8.3	0.8810	0.9992	0.4426	0.8037	0.9954	0.5832	0.9788	0.9978
8.4	0.8622	0.9993	0.5227	0.8053	0.9961	0.5269	0.9804	0.9976
8.5	0.8071	0.9993	0.5691	0.8055	0.9958	0.5710	0.9830	0.9979
8.6	0.7545	0.9992	0.5300	0.8463	0.9959	0.5555	0.9809	0.9980
8.7	0.7585	0.9991	0.5105	0.8488	0.9955	0.7079	0.9784	0.9980
8.8	0.6990	0.9992	0.5450	0.8124	0.9958	0.7487	0.9726	0.9981
8.9	0.7375	0.9989	0.5522	0.7934	0.9949	0.7760	0.9650	0.9971
9.0	0.8319	0.9986	0.5870	0.7921	0.9929	0.8112	0.9644	0.9960
9.1	0.8805	0.9990	0.6267	0.8200	0.9936	0.8640	0.9626	0.9962
9.2	0.8552	0.9987	0.5905	0.7843	0.9928	0.8276	0.9574	0.9960
9.3	0.8613	0.9985	0.6760	0.7594	0.9915	0.8299	0.9341	0.9958
9.4	0.8901	0.9981	0.6920	0.6889	0.9900	0.8387	0.9070	0.9945
9.5	0.9301	0.9975	0.6245	0.7108	0.9859	0.8921	0.9095	0.9908
9.6	0.9588	0.9979	0.5160	0.7537	0.9879	0.9311	0.9490	0.9920
9.7	0.9613	0.9979	0.3468	0.6895	0.9883	0.9334	0.9492	0.9925
9.8	0.9755	0.9972	0.3294	0.7075	0.9849	0.9540	0.9560	0.9898
9.9	0.9812	0.9953	0.3036	0.6651	0.9805	0.9617	0.9319	0.9857
10.0	0.9699	0.9921	0.0907	0.5487	0.9719	0.9432	0.8978	0.9757
10.1	0.9758	0.9938	0.0364	0.6597	0.9798	0.9697	0.9012	0.9837
10.2	0.9578	0.9938	0.0166	0.7492	0.9802	0.9549	0.8989	0.9848
10.3	0.9674	0.9967	0.0912	0.8481	0.9878	0.9535	0.9514	0.9903
10.4	0.9419	0.9961	0.1388	0.8414	0.9856	0.9404	0.9426	0.9896
10.5	0.9178	0.9955	0.1600	0.8536	0.9864	0.9223	0.9550	0.9888
10.6	0.9291	0.9964	0.1370	0.8603	0.9896	0.9578	0.9669	0.9918
10.7	0.9157	0.9963	0.1234	0.8477	0.9898	0.9581	0.9641	0.9919
10.8	0.9143	0.9967	0.2716	0.8269	0.9907	0.9590	0.9657	0.9929
10.9	0.9352	0.9975	0.3254	0.7498	0.9912	0.9722	0.9636	0.9941
11.0	0.9692	0.9981	0.5438	0.6906	0.9935	0.9829	0.9695	0.9955
11.1	0.9602	0.9973	0.6070	0.5783	0.9925	0.9783	0.9478	0.9944
11.2	0.9612	0.9976	0.7085	0.5897	0.9931	0.9726	0.9171	0.9947
11.3	0.9681	0.9964	0.7471	0.7283	0.9899	0.9715	0.8914	0.9927
11.4	0.9745	0.9962	0.7685	0.8508	0.9904	0.9744	0.9235	0.9922
11.5	0.9747	0.9970	0.7809	0.8762	0.9924	0.9771	0.9177	0.9935
11.6	0.9798	0.9980	0.8390	0.9088	0.9942	0.9845	0.9512	0.9959
11.7	0.9842	0.9980	0.8604	0.9225	0.9956	0.9888	0.9707	0.9967
11.8	0.9890	0.9978	0.8296	0.9206	0.9964	0.9892	0.9749	0.9968
11.9	0.9875	0.9975	0.7833	0.9047	0.9960	0.9877	0.9713	0.9967
12.0	0.9830	0.9970	0.7267	0.8915	0.9955	0.9836	0.9727	0.9961
12.1	0.9902	0.9972	0.6989	0.8565	0.9963	0.9864	0.9714	0.9967
12.2	0.9908	0.9968	0.6263	0.8715	0.9959	0.9858	0.9698	0.9960
12.3	0.9904	0.9968	0.6684	0.9210	0.9952	0.9874	0.9749	0.9955
12.4	0.9896	0.9966	0.7546	0.9395	0.9938	0.9865	0.9747	0.9940
12.5	0.9919	0.9969	0.7840	0.9597	0.9945	0.9883	0.9742	0.9951
12.6	0.9871	0.9946	0.7770	0.9598	0.9894	0.9876	0.9703	0.9906
12.7	0.9840	0.9942	0.7567	0.9550	0.9905	0.9867	0.9766	0.9916
12.8	0.9827	0.9932	0.6975	0.9532	0.9888	0.9832	0.9615	0.9892
12.9	0.9804	0.9946	0.7060	0.9644	0.9910	0.9867	0.9622	0.9916
13.0	0.9753	0.9941	0.7128	0.9711	0.9906	0.9870	0.9544	0.9916
13.1	0.9665	0.9924	0.6732	0.9632	0.9899	0.9850	0.9305	0.9904
13.2	0.9676	0.9948	0.7040	0.9736	0.9939	0.9866	0.8947	0.9945
13.3	0.9598	0.9929	0.6598	0.9689	0.9923	0.9837	0.8628	0.9930
13.4	0.9567	0.9930	0.6602	0.9692	0.9925	0.9837	0.8318	0.9929
13.5	0.9269	0.9918	0.6171	0.9658	0.9913	0.9818	0.8109	0.9914
13.6	0.9259	0.9884	0.5831	0.9613	0.9888	0.9761	0.8045	0.9888
13.7	0.8225	0.9861	0.5624	0.9470	0.9851	0.9710	0.8369	0.9862
13.8	0.8564	0.9913	0.6753	0.9675	0.9914	0.9824	0.9108	0.9916
13.9	0.8097	0.9857	0.6385	0.9561	0.9883	0.9778	0.8866	0.9885
14.0	0.7675	0.9804	0.6499	0.9423	0.9832	0.9689	0.8814	0.9831
14.1	0.8239	0.9870	0.7047	0.9578	0.9882	0.9752	0.9149	0.9884
14.2	0.8566	0.9850	0.6447	0.9545	0.9848	0.9704	0.9185	0.9857
14.3	0.8738	0.9799	0.5910	0.9454	0.9796	0.9609	0.9023	0.9813
14.4	0.8563	0.9750	0.5851	0.9352	0.9773	0.9623	0.8886	0.9777
14.5	0.8833	0.9708	0.6040	0.9308	0.9741	0.9578	0.8996	0.9739
14.6	0.8965	0.9718	0.5939	0.9319	0.9773	0.9656	0.9046	0.9771
14.7	0.8882	0.9651	0.5361	0.9239	0.9720	0.9491	0.8886	0.9717
14.8	0.8742	0.9522	0.3911	0.8922	0.9626	0.9282	0.8504	0.9624
14.9	0.9594	0.9676	0.4178	0.9119	0.9696	0.9546	0.9049	0.9705
15.0	0.9513	0.9629	0.2654	0.8580	0.9614	0.9415	0.8675	0.9628
15.1	0.9572	0.9511	0.1862	0.7617	0.9472	0.9321	0.7898	0.9490
15.2	0.9507	0.9379	0.0804	0.6996	0.9396	0.9186	0.6890	0.9389
15.3	0.9395	0.9205	0.1502	0.7147	0.9198	0.8989	0.6223	0.9195
15.4	0.9338	0.9220	0.1892	0.7740	0.9222	0.9129	0.4165	0.9239
15.5	0.9247	0.9197	0.2640	0.8221	0.9214	0.9167	0.2620	0.9229
15.6	0.9000	0.8919	0.3383	0.7972	0.8884	0.8844	0.0996	0.8894
15.7	0.8701	0.8969	0.3552	0.8253	0.8891	0.8919	0.0379	0.8886
15.8	0.8375	0.9200	0.2965	0.8729	0.9128	0.9199	0.1284	0.9145
15.9	0.7948	0.9220	0.4334	0.9002	0.9113	0.9245	0.3021	0.9120
16.0	0.7709	0.9438	0.2085	0.9091	0.9320	0.9479	0.3462	0.9311
16.1	0.8448	0.9662	0.2191	0.9362	0.9584	0.9704	0.5126	0.9577
16.2	0.8689	0.9769	0.2795	0.9428	0.9718	0.9803	0.5232	0.9705
16.3	0.8409	0.9833	0.3644	0.9475	0.9766	0.9857	0.6677	0.9751
16.4	0.7420	0.9818	0.4349	0.9219	0.9761	0.9865	0.6802	0.9747
16.5	0.5891	0.9845	0.5333	0.8981	0.9833	0.9906	0.6901	0.9825

16.6	0.3987	0.9821	0.5110	0.8728	0.9855	0.9891	0.5867	0.9845
16.7	0.6504	0.9785	0.4864	0.8788	0.9831	0.9891	0.4783	0.9828
16.8	0.7367	0.9830	0.4344	0.8519	0.9848	0.9865	0.3374	0.9840
16.9	0.6867	0.9879	0.3990	0.8478	0.9874	0.9869	0.2795	0.9865
17.0	0.5626	0.9861	0.3694	0.8020	0.9881	0.9764	0.2434	0.9869
17.1	0.5511	0.9768	0.3058	0.7169	0.9860	0.9375	0.2053	0.9821
17.2	0.6910	0.9908	0.1084	0.6311	0.9908	0.9620	0.0903	0.9864
17.3	0.7465	0.9924	0.0028	0.6401	0.9931	0.9751	0.0698	0.9904
17.4	0.7308	0.9900	0.0735	0.7078	0.9935	0.9745	0.0097	0.9900
17.5	0.8247	0.9926	0.0857	0.7731	0.9949	0.9797	0.0565	0.9929
17.6	0.8210	0.9931	0.1599	0.8234	0.9951	0.9830	0.0557	0.9940
17.7	0.8279	0.9897	0.4046	0.8590	0.9950	0.9857	0.0185	0.9918
17.8	0.8866	0.9891	0.4056	0.8599	0.9960	0.9858	0.0440	0.9935
17.9	0.8967	0.9862	0.4797	0.8657	0.9948	0.9836	0.0425	0.9928
18.0	0.9087	0.9862	0.5016	0.8774	0.9936	0.9820	0.1667	0.9906
18.1	0.9260	0.9892	0.5996	0.9049	0.9950	0.9843	0.2558	0.9924
18.2	0.9326	0.9900	0.6937	0.9257	0.9957	0.9861	0.2537	0.9926
18.3	0.9563	0.9929	0.7168	0.9386	0.9956	0.9881	0.4749	0.9932
18.4	0.9064	0.9938	0.7122	0.9236	0.9955	0.9860	0.4773	0.9919
18.5	0.7585	0.9895	0.7210	0.9224	0.9953	0.9801	0.3850	0.9919
18.6	0.7010	0.9693	0.5885	0.9357	0.9944	0.9769	0.2841	0.9908
18.7	0.9333	0.9778	0.4844	0.9559	0.9939	0.9877	0.7272	0.9911
18.8	0.9598	0.9762	0.5612	0.9606	0.9939	0.9860	0.7879	0.9904
18.9	0.9417	0.9501	0.3456	0.9231	0.9907	0.9699	0.7991	0.9795
19.0	0.9573	0.9463	0.2634	0.9291	0.9903	0.9780	0.8749	0.9767
19.1	0.9699	0.9526	0.3204	0.9496	0.9927	0.9882	0.9145	0.9803
19.2	0.9828	0.9668	0.4918	0.9607	0.9936	0.9903	0.9346	0.9792
19.3	0.9840	0.9664	0.6123	0.9568	0.9922	0.9892	0.9390	0.9700
19.4	0.9770	0.9532	0.5318	0.9429	0.9876	0.9886	0.9285	0.9363
19.5	0.9854	0.9645	0.6664	0.9607	0.9905	0.9907	0.9488	0.9425
19.6	0.9858	0.9537	0.6747	0.9544	0.9875	0.9895	0.9557	0.9001
19.7	0.9876	0.9478	0.6649	0.9537	0.9852	0.9878	0.9577	0.8733
19.8	0.9891	0.9653	0.7037	0.9615	0.9879	0.9883	0.9644	0.8768
19.9	0.9911	0.9613	0.6196	0.9622	0.9902	0.9889	0.9448	0.8572
20.0	0.9892	0.9601	0.6666	0.9705	0.9899	0.9888	0.9260	0.8537
20.1	0.9894	0.9752	0.7659	0.9771	0.9867	0.9869	0.9493	0.8536
20.2	0.9885	0.9659	0.6658	0.9733	0.9893	0.9884	0.9530	0.8891
20.3	0.9879	0.9704	0.6363	0.9742	0.9912	0.9899	0.9513	0.9142
20.4	0.9849	0.9689	0.6862	0.9739	0.9888	0.9883	0.9562	0.9239
20.5	0.9888	0.9748	0.7278	0.9777	0.9897	0.9898	0.9733	0.9482
20.6	0.9875	0.9698	0.7350	0.9796	0.9904	0.9909	0.9775	0.9540
20.7	0.9828	0.9639	0.6528	0.9700	0.9843	0.9859	0.9718	0.9402
20.8	0.9852	0.9715	0.7073	0.9679	0.9848	0.9850	0.9760	0.9611
20.9	0.9792	0.9638	0.8059	0.9765	0.9874	0.9885	0.9811	0.9578
21.0	0.9771	0.9642	0.7734	0.9730	0.9835	0.9850	0.9729	0.9501
21.1	0.9732	0.9629	0.7534	0.9684	0.9776	0.9809	0.9664	0.9506
21.2	0.9705	0.9620	0.7327	0.9710	0.9816	0.9828	0.9717	0.9457
21.3	0.9670	0.9531	0.7048	0.9628	0.9764	0.9827	0.9757	0.9399
21.4	0.9693	0.9613	0.7270	0.9640	0.9760	0.9807	0.9748	0.9518
21.5	0.9585	0.9537	0.6276	0.9582	0.9688	0.9737	0.9611	0.9406
21.6	0.9539	0.9511	0.6305	0.9626	0.9689	0.9764	0.9574	0.9410
21.7	0.9400	0.9421	0.6402	0.9612	0.9644	0.9777	0.9439	0.9351
21.8	0.9379	0.9404	0.6111	0.9480	0.9438	0.9664	0.9324	0.9321
21.9	0.9100	0.9146	0.5759	0.9193	0.9115	0.9639	0.9030	0.9211
22.0	0.9306	0.9335	0.5825	0.9230	0.9090	0.9625	0.9086	0.9471
22.1	0.9368	0.9408	0.6296	0.9375	0.9201	0.9596	0.9209	0.9439
22.2	0.9268	0.9314	0.6741	0.9415	0.9262	0.9607	0.9160	0.9322
22.3	0.9211	0.9360	0.6041	0.9334	0.9023	0.9515	0.9010	0.9340
22.4	0.9269	0.9401	0.6245	0.9216	0.8848	0.9388	0.9129	0.9284
22.5	0.9331	0.9397	0.7161	0.9485	0.9330	0.9624	0.9300	0.9375
22.6	0.9233	0.9338	0.7244	0.9405	0.9175	0.9631	0.9263	0.9201
22.7	0.9273	0.9411	0.7135	0.9348	0.9080	0.9473	0.9378	0.8857
22.8	0.9183	0.9366	0.6981	0.9261	0.8936	0.9356	0.9252	0.8452
22.9	0.9302	0.9322	0.7285	0.9262	0.8925	0.9521	0.9183	0.8709
23.0	0.9356	0.9379	0.7794	0.9250	0.8803	0.9326	0.9221	0.7694
23.1	0.9392	0.9323	0.7565	0.9214	0.8869	0.9478	0.9196	0.7759
23.2	0.9280	0.9280	0.6818	0.9070	0.8627	0.9329	0.9085	0.6775
23.3	0.9225	0.9311	0.6578	0.9038	0.8564	0.9050	0.8980	0.5298
23.4	0.9344	0.9327	0.5585	0.9038	0.8631	0.9215	0.8954	0.5276
23.5	0.9186	0.9209	0.6748	0.9010	0.8753	0.9206	0.8865	0.5597
23.6	0.8820	0.8940	0.6908	0.8613	0.8216	0.9139	0.8437	0.4556
23.7	0.9029	0.9098	0.7105	0.8900	0.8611	0.9420	0.8678	0.5437
23.8	0.8866	0.8758	0.7318	0.8562	0.8258	0.9281	0.8229	0.5064
23.9	0.9066	0.8945	0.7900	0.8501	0.7787	0.9328	0.8253	0.3739
24.0	0.8950	0.8945	0.8197	0.8873	0.8191	0.9443	0.8463	0.5444
24.1	0.8458	0.8413	0.7450	0.8365	0.7363	0.9280	0.7656	0.5503
24.2	0.8833	0.8784	0.7566	0.8536	0.7711	0.9402	0.8028	0.7163
24.3	0.8721	0.8647	0.7488	0.8402	0.7683	0.9350	0.7921	0.7675
24.4	0.7892	0.8002	0.6798	0.8179	0.7251	0.9010	0.7185	0.7526
24.5	0.7606	0.7827	0.6686	0.8106	0.7154	0.8976	0.7125	0.7343
24.6	0.7902	0.7771	0.7361	0.7448	0.6877	0.8979	0.7489	0.7064
24.7	0.8373	0.7868	0.7999	0.7024	0.6946	0.8992	0.7604	0.6794
24.8	0.8442	0.7986	0.7548	0.7144	0.7007	0.9235	0.7709	0.7829
24.9	0.8254	0.8160	0.7463	0.7695	0.7079	0.9368	0.7737	0.8034
25.0	0.8291	0.8058	0.6938	0.7231	0.7164	0.9151	0.7818	0.7928
25.1	0.8245	0.7748	0.7083	0.7016	0.7061	0.9056	0.7399	0.8309

25.2	0.8095	0.7192	0.7237	0.6322	0.7140	0.8701	0.6804	0.8230
25.3	0.8022	0.6350	0.7134	0.5620	0.6065	0.8705	0.7471	0.7983
25.4	0.7969	0.5551	0.7185	0.6728	0.6279	0.8475	0.7512	0.8597
25.5	0.7893	0.5436	0.7011	0.7272	0.6498	0.8319	0.6688	0.8557
25.6	0.7717	0.3969	0.7300	0.7215	0.5300	0.8155	0.6926	0.8749
25.7	0.8108	0.4582	0.7235	0.7504	0.5823	0.8321	0.7772	0.9088
25.8	0.7559	0.3542	0.6983	0.6951	0.4594	0.7773	0.7177	0.8680
25.9	0.7707	0.2722	0.7634	0.6922	0.4472	0.7433	0.7215	0.8757
26.0	0.8044	0.4455	0.7873	0.7027	0.5287	0.7284	0.7265	0.8651
26.1	0.7634	0.2564	0.7639	0.7326	0.3648	0.6714	0.7778	0.8354
26.2	0.7483	0.1212	0.7828	0.7485	0.3678	0.7361	0.8055	0.8301
26.3	0.7256	0.2043	0.7195	0.6875	0.4390	0.7135	0.8332	0.8248
26.4	0.7017	0.2322	0.7055	0.6637	0.5204	0.7239	0.8125	0.8330
26.5	0.7399	0.1860	0.6860	0.7300	0.5364	0.7390	0.8911	0.8749
26.6	0.7541	0.2338	0.7028	0.7595	0.5711	0.7596	0.8819	0.8943
26.7	0.7344	0.3329	0.7251	0.7643	0.5119	0.7193	0.8744	0.8801
26.8	0.7278	0.3994	0.7215	0.7622	0.4875	0.7070	0.8914	0.8600
26.9	0.7751	0.6071	0.7568	0.8175	0.6003	0.7581	0.8987	0.8823
27.0	0.7879	0.6611	0.7884	0.8057	0.6424	0.7595	0.8838	0.8635
27.1	0.7448	0.6919	0.7305	0.7669	0.6887	0.7144	0.8599	0.8447
27.2	0.6832	0.7680	0.7153	0.7549	0.7164	0.7050	0.8249	0.8208
27.3	0.6200	0.7017	0.6598	0.6615	0.7219	0.6481	0.7617	0.7492
27.4	0.7280	0.7983	0.7217	0.7660	0.7745	0.7006	0.8283	0.8150
27.5	0.7662	0.7909	0.7114	0.7659	0.7228	0.7169	0.7975	0.7989
27.6	0.6976	0.7350	0.5756	0.7158	0.7385	0.6499	0.7370	0.7502
27.7	0.7209	0.7767	0.6345	0.7555	0.7959	0.6893	0.7745	0.7906
27.8	0.7129	0.7707	0.7182	0.7603	0.7656	0.7122	0.7652	0.7911
27.9	0.6773	0.6990	0.7136	0.7399	0.7016	0.7289	0.7403	0.7782
28.0	0.7016	0.7463	0.7205	0.7637	0.7187	0.7092	0.7745	0.8008
28.1	0.6914	0.7252	0.7200	0.7368	0.7071	0.6552	0.7199	0.7590
28.2	0.6844	0.6077	0.6101	0.6748	0.6064	0.6041	0.6048	0.6867
28.3	0.5584	0.5622	0.5575	0.6037	0.4924	0.5152	0.5407	0.6144
28.4	0.6667	0.6722	0.7207	0.7176	0.5226	0.6293	0.6183	0.6874
28.5	0.7032	0.7163	0.7566	0.7705	0.5902	0.6657	0.6472	0.7345
28.6	0.7207	0.7197	0.7121	0.7652	0.6204	0.5336	0.6157	0.7217
28.7	0.7343	0.6678	0.7462	0.7073	0.5989	0.3904	0.5667	0.6582
28.8	0.6515	0.6106	0.7455	0.6654	0.4856	0.3646	0.5581	0.6346
28.9	0.7346	0.6629	0.7007	0.7438	0.5673	0.4284	0.5016	0.6852
29.0	0.7397	0.6484	0.6951	0.7622	0.5371	0.5300	0.3335	0.6247
29.1	0.7722	0.6300	0.6758	0.7342	0.4992	0.5169	0.3784	0.6236
29.2	0.7580	0.6036	0.6306	0.7206	0.4388	0.5218	0.4302	0.6429
29.3	0.7164	0.7326	0.6977	0.7807	0.6140	0.6923	0.4958	0.6950
29.4	0.7156	0.7567	0.7352	0.7849	0.6303	0.7237	0.3927	0.6650
29.5	0.6384	0.7525	0.7751	0.8095	0.5456	0.6938	0.3595	0.6552
29.6	0.5217	0.6451	0.7204	0.7509	0.4819	0.6794	0.2821	0.5482
29.7	0.4411	0.5660	0.6547	0.6894	0.3616	0.6769	0.2108	0.5038
29.8	0.5227	0.5464	0.6855	0.6446	0.4023	0.7487	0.1496	0.4871
29.9	0.4168	0.6155	0.7256	0.6912	0.5035	0.7750	0.1581	0.5257
30.0	0.4835	0.6418	0.7543	0.7131	0.5024	0.7574	0.3146	0.5319
30.1	0.5673	0.6303	0.7044	0.6826	0.4698	0.7605	0.4852	0.4783
30.2	0.5038	0.5959	0.6804	0.6669	0.4136	0.7326	0.5313	0.4408
30.3	0.3700	0.4924	0.6309	0.5414	0.2723	0.6305	0.4082	0.2759
30.4	0.4485	0.4160	0.6535	0.5288	0.2423	0.6635	0.3729	0.1616
30.5	0.4351	0.4811	0.6811	0.6143	0.3252	0.6672	0.3229	0.2344
30.6	0.4691	0.5633	0.7062	0.6739	0.3171	0.7419	0.3053	0.2854
30.7	0.5081	0.6101	0.6861	0.7003	0.3121	0.7724	0.4475	0.3447
30.8	0.5535	0.4237	0.6483	0.5975	0.2647	0.7038	0.5897	0.1738
30.9	0.5470	0.4330	0.6667	0.5731	0.1907	0.6946	0.5106	0.1525
31.0	0.5144	0.4847	0.7590	0.5442	0.2368	0.7008	0.6034	0.1121
31.1	0.5343	0.5126	0.6730	0.5358	0.1909	0.6838	0.6431	0.1404
31.2	0.4677	0.3633	0.6665	0.5064	0.1853	0.5581	0.5723	0.0690
31.3	0.4049	0.2919	0.6514	0.3951	0.2016	0.5293	0.6929	0.0149
31.4	0.3609	0.3642	0.6569	0.3718	0.2252	0.5816	0.6229	0.0248
31.5	0.3273	0.3982	0.6867	0.2906	0.2726	0.6468	0.5698	0.0108
31.6	0.2021	0.2492	0.5315	0.2395	0.2282	0.4581	0.5956	0.0691
31.7	0.2823	0.1853	0.5964	0.2240	0.2083	0.4495	0.6670	0.1454
31.8	0.1464	0.1817	0.6302	0.1803	0.2612	0.4781	0.7147	0.1629
31.9	0.1419	0.1749	0.7050	0.1697	0.2226	0.4340	0.6717	0.1252
32.0	0.2111	0.0923	0.7428	0.0631	0.1764	0.3609	0.6547	0.1514
32.1	0.2985	0.0756	0.6520	0.0993	0.2029	0.3855	0.7138	0.2103
32.2	0.2210	0.1230	0.6966	0.2812	0.2896	0.4452	0.6770	0.2071
32.3	0.2689	0.1025	0.6992	0.2804	0.2875	0.4686	0.7313	0.2685
32.4	0.4408	0.0285	0.7194	0.2161	0.2714	0.4639	0.7863	0.3564
32.5	0.5422	0.0197	0.7100	0.1571	0.2129	0.4690	0.7584	0.3343
32.6	0.4692	0.0593	0.6627	0.1585	0.2608	0.4353	0.6596	0.2725
32.7	0.5393	0.0064	0.6750	0.1753	0.2466	0.2861	0.6581	0.2703
32.8	0.6567	0.0127	0.5812	0.2922	0.2879	0.3414	0.7022	0.3189
32.9	0.5834	0.0034	0.6191	0.3330	0.3699	0.3557	0.6796	0.3852
33.0	0.5673	0.0080	0.5849	0.2757	0.2691	0.4243	0.6552	0.2775
33.1	0.5731	0.0435	0.6381	0.3327	0.2801	0.4319	0.6950	0.2986
33.2	0.5696	0.0132	0.6375	0.2685	0.3467	0.4394	0.6873	0.3266
33.3	0.6734	0.0186	0.6687	0.3447	0.4382	0.4064	0.7309	0.3249
33.4	0.7218	0.0336	0.6394	0.4783	0.4416	0.4223	0.7536	0.3600
33.5	0.8418	0.0385	0.6968	0.5501	0.5389	0.5409	0.8169	0.4464
33.6	0.8192	0.1058	0.6943	0.4549	0.5882	0.4530	0.8047	0.4067
33.7	0.7366	0.1518	0.6951	0.4593	0.6487	0.2982	0.7417	0.3928

33.8	0.7745	0.2324	0.6005	0.3777	0.6413	0.4103	0.7819	0.4089
33.9	0.7772	0.1926	0.5626	0.3259	0.5685	0.5143	0.8075	0.4089
34.0	0.8169	0.2375	0.6493	0.4181	0.5912	0.4792	0.7916	0.3613
34.1	0.8056	0.3807	0.6447	0.4483	0.6195	0.4820	0.8055	0.3429
34.2	0.7964	0.4104	0.6164	0.4330	0.6279	0.4685	0.7925	0.3979
34.3	0.8209	0.4563	0.5935	0.5220	0.6660	0.5289	0.7621	0.3848
34.4	0.7999	0.4303	0.5516	0.4700	0.6111	0.5731	0.7627	0.4121
34.5	0.8231	0.4581	0.5629	0.5007	0.5992	0.6993	0.8447	0.4324
34.6	0.8700	0.5540	0.6033	0.4713	0.6236	0.6706	0.8578	0.5079
34.7	0.8705	0.6075	0.6139	0.4153	0.6874	0.7063	0.8274	0.4553
34.8	0.8206	0.5493	0.4289	0.3249	0.6353	0.6904	0.7684	0.3553
34.9	0.8100	0.4810	0.3078	0.3788	0.4696	0.6826	0.8084	0.5003
35.0	0.8359	0.6568	0.3300	0.4709	0.5176	0.7709	0.8226	0.4901
35.1	0.8761	0.5844	0.4918	0.5634	0.5091	0.7950	0.8149	0.3030
35.2	0.8976	0.5849	0.4427	0.6513	0.5662	0.8459	0.8336	0.2076
35.3	0.8727	0.6465	0.3995	0.6535	0.5654	0.8507	0.8061	0.2702
35.4	0.8104	0.5303	0.3699	0.5247	0.4692	0.8047	0.7874	0.2896
35.5	0.8412	0.5415	0.4432	0.5787	0.4587	0.8374	0.8322	0.2835
35.6	0.8268	0.6154	0.3379	0.5942	0.4186	0.8902	0.8190	0.2983
35.7	0.8591	0.6762	0.2972	0.6642	0.4692	0.8937	0.8031	0.2677
35.8	0.8801	0.6674	0.3151	0.7140	0.5249	0.8735	0.7986	0.2634
35.9	0.8711	0.6555	0.3876	0.7506	0.6274	0.8957	0.7745	0.2588
36.0	0.8698	0.6580	0.4964	0.8284	0.6238	0.8986	0.7512	0.4136
36.1	0.8685	0.6917	0.3766	0.8029	0.5477	0.8723	0.7120	0.4320
36.2	0.9046	0.7829	0.3495	0.7709	0.6302	0.8644	0.7717	0.5045
36.3	0.8865	0.7285	0.2961	0.7618	0.6700	0.8407	0.7445	0.4978
36.4	0.8844	0.6793	0.3179	0.7314	0.6976	0.8011	0.7032	0.4335
36.5	0.8918	0.6983	0.2902	0.5977	0.6491	0.7626	0.7186	0.4475
36.6	0.9248	0.7981	0.2949	0.6369	0.7223	0.8092	0.8172	0.6264
36.7	0.9310	0.7845	0.3330	0.6523	0.7011	0.8402	0.8579	0.6820
36.8	0.9183	0.7530	0.3661	0.6300	0.7002	0.8160	0.8285	0.6497
36.9	0.8977	0.7899	0.2769	0.6477	0.7276	0.7908	0.8141	0.6959
37.0	0.8824	0.7811	0.3045	0.5264	0.6554	0.7494	0.8350	0.6683
37.1	0.8981	0.8006	0.3917	0.4311	0.6138	0.6995	0.8250	0.6447
37.2	0.9077	0.8495	0.4774	0.4724	0.6908	0.7515	0.8462	0.6444
37.3	0.8563	0.8013	0.3434	0.3492	0.6021	0.6855	0.7881	0.5052
37.4	0.8057	0.7100	0.2711	0.2168	0.5123	0.6750	0.6794	0.3725
37.5	0.8480	0.8252	0.3820	0.2982	0.5964	0.7095	0.7709	0.5287
37.6	0.8083	0.8114	0.3721	0.3729	0.4945	0.7645	0.7751	0.5873
37.7	0.6984	0.7945	0.2259	0.3762	0.3775	0.8003	0.7365	0.5796
37.8	0.5515	0.7321	0.2055	0.3321	0.2856	0.8082	0.7448	0.6246
37.9	0.6377	0.7263	0.4411	0.2017	0.3040	0.8382	0.7189	0.5941
38.0	0.7590	0.7897	0.5533	0.1106	0.3989	0.7970	0.7321	0.5857
38.1	0.5790	0.7339	0.3962	0.0946	0.2670	0.7903	0.7105	0.5472
38.2	0.3837	0.5821	0.2898	0.0713	0.1138	0.7783	0.5844	0.4560
38.3	0.3558	0.5664	0.2973	0.1128	0.1306	0.7581	0.6640	0.5180
38.4	0.4778	0.6717	0.3528	0.1192	0.2310	0.8388	0.8017	0.6377
38.5	0.4438	0.6014	0.3315	0.0776	0.1952	0.8768	0.8116	0.6321
38.6	0.3266	0.5390	0.2142	0.1251	0.1550	0.9064	0.7883	0.6581
38.7	0.3238	0.5419	0.1889	0.0445	0.1771	0.8765	0.6750	0.5271
38.8	0.4676	0.6458	0.3531	0.0660	0.2889	0.8829	0.6985	0.4822
38.9	0.3832	0.6067	0.2494	0.0748	0.2177	0.8878	0.6716	0.4685
39.0	0.4444	0.6480	0.2648	0.0787	0.2932	0.9169	0.6335	0.4038
39.1	0.5496	0.7431	0.3754	0.1246	0.3460	0.9094	0.6237	0.4051
39.2	0.5252	0.6746	0.3191	0.1234	0.2047	0.8895	0.6047	0.3909
39.3	0.4555	0.6327	0.2622	0.1329	0.1432	0.8975	0.6641	0.4414
39.4	0.4808	0.7060	0.3068	0.1394	0.2250	0.9045	0.6708	0.4311
39.5	0.4518	0.6796	0.2482	0.1335	0.2014	0.8921	0.6553	0.4701
39.6	0.5402	0.7201	0.3033	0.1737	0.2184	0.9157	0.6510	0.4135
39.7	0.4992	0.7515	0.3042	0.1536	0.2326	0.9393	0.6513	0.3843
39.8	0.4883	0.7316	0.2614	0.1711	0.2053	0.9200	0.6057	0.3813
39.9	0.5708	0.8052	0.3013	0.1471	0.3278	0.8827	0.6498	0.4993
40.0	0.6621	0.8533	0.4054	0.3147	0.4048	0.8694	0.5836	0.4026
40.1	0.6242	0.8060	0.3171	0.3134	0.2951	0.8781	0.5096	0.3210
40.2	0.5305	0.7370	0.2134	0.2104	0.2123	0.8396	0.4841	0.3265
40.3	0.5957	0.7549	0.2324	0.2569	0.2375	0.8465	0.5425	0.4186
40.4	0.5680	0.7677	0.2215	0.1380	0.2609	0.7940	0.5260	0.4924
40.5	0.6097	0.8002	0.3005	0.2690	0.3143	0.7237	0.5122	0.3715
40.6	0.6769	0.8261	0.2782	0.3833	0.2902	0.7667	0.5316	0.3824
40.7	0.6764	0.7861	0.2572	0.3199	0.3011	0.7045	0.4241	0.2783
40.8	0.6529	0.7283	0.1331	0.2292	0.1606	0.6742	0.2983	0.3134
40.9	0.6238	0.7550	0.2012	0.2899	0.3128	0.7525	0.4599	0.3759
41.0	0.6567	0.8109	0.2740	0.3753	0.3457	0.7717	0.5308	0.3949
41.1	0.6493	0.7661	0.1693	0.3086	0.1560	0.6922	0.2974	0.2738
41.2	0.6653	0.8367	0.2325	0.3150	0.2087	0.6062	0.3215	0.2168
41.3	0.6595	0.8155	0.2059	0.3249	0.2106	0.6560	0.3823	0.2039
41.4	0.6572	0.8082	0.3230	0.3813	0.3378	0.6078	0.4648	0.2290
41.5	0.5766	0.7999	0.2810	0.2847	0.3432	0.4418	0.3155	0.2759
41.6	0.5950	0.7980	0.3151	0.2936	0.3094	0.4338	0.3491	0.2808
41.7	0.6586	0.7790	0.2506	0.3235	0.2427	0.4176	0.2576	0.4365
41.8	0.6575	0.7801	0.2149	0.3691	0.2521	0.4743	0.2374	0.3678
41.9	0.6183	0.7816	0.1735	0.3442	0.1486	0.4481	0.1612	0.3576
42.0	0.5054	0.7296	0.1785	0.3061	0.0751	0.3678	0.1443	0.3887
42.1	0.5324	0.7651	0.2026	0.3142	0.1602	0.4717	0.2430	0.4404
42.2	0.4522	0.7909	0.1839	0.2651	0.1072	0.3603	0.1252	0.4725
42.3	0.3570	0.8065	0.2859	0.2169	0.0819	0.3650	0.1653	0.4333

42.4	0.3012	0.7796	0.2966	0.1867	0.0519	0.2798	0.0941	0.2938
42.5	0.2264	0.7714	0.2062	0.1605	0.0219	0.2552	0.0164	0.3301
42.6	0.3363	0.7426	0.1820	0.1430	0.0592	0.1345	0.0015	0.1882
42.7	0.2153	0.7328	0.1458	0.0894	0.0044	0.1806	0.0290	0.2877
42.8	0.1653	0.6923	0.2121	0.0919	0.0063	0.2341	0.0639	0.3488
42.9	0.2569	0.7041	0.2395	0.1840	0.0645	0.1082	0.0225	0.3763
43.0	0.1042	0.5498	0.0759	0.0495	0.0362	0.2682	0.0862	0.3305
43.1	0.2434	0.6370	0.0942	0.0026	0.0046	0.2715	0.1337	0.2137
43.2	0.2750	0.7394	0.1837	0.0142	0.0184	0.2525	0.1120	0.1422
43.3	0.4494	0.7651	0.3303	0.0575	0.0488	0.3558	0.2007	0.1846
43.4	0.3436	0.6881	0.2817	0.0483	0.1530	0.5591	0.2530	0.3059
43.5	0.3385	0.7714	0.3106	0.0863	0.0891	0.5964	0.1998	0.4614
43.6	0.2912	0.8049	0.2069	0.0842	0.0591	0.6712	0.1369	0.4046
43.7	0.2949	0.7867	0.2259	0.0398	0.0326	0.7267	0.2594	0.2850
43.8	0.4221	0.7041	0.2568	0.1049	0.1215	0.7681	0.3704	0.2187
43.9	0.4969	0.6957	0.3005	0.1170	0.2498	0.7428	0.3899	0.3680
44.0	0.4967	0.7640	0.3001	0.1238	0.2671	0.7466	0.3139	0.5763
44.1	0.3389	0.7992	0.2335	0.0805	0.1012	0.7942	0.1275	0.6135
44.2	0.1932	0.7783	0.2570	0.0891	0.0821	0.8503	0.1718	0.6670
44.3	0.0994	0.7830	0.2616	0.0488	0.0102	0.8767	0.1655	0.6166
44.4	0.1180	0.6435	0.2201	0.0222	0.1314	0.8100	0.1225	0.3810
44.5	0.2613	0.5411	0.2777	0.0527	0.2102	0.6808	0.2025	0.2233
44.6	0.2894	0.5630	0.3136	0.0812	0.1743	0.7441	0.1956	0.3955
44.7	0.3437	0.6125	0.2732	0.0675	0.1084	0.7940	0.2631	0.5064
44.8	0.4750	0.5557	0.1646	0.1215	0.1561	0.7644	0.3040	0.3684
44.9	0.2914	0.6598	0.1774	0.1194	0.3442	0.8243	0.2334	0.3100
45.0	0.2461	0.7896	0.2372	0.1308	0.1653	0.8757	0.1722	0.3833
45.1	0.3457	0.6844	0.2277	0.0767	0.0811	0.8813	0.2551	0.3441
45.2	0.4089	0.6199	0.3119	0.1675	0.0660	0.8685	0.3193	0.1890
45.3	0.2918	0.5708	0.2956	0.1775	0.1111	0.8259	0.2204	0.0296
45.4	0.3980	0.4417	0.2388	0.2329	0.1154	0.7656	0.1772	0.1022
45.5	0.4652	0.4816	0.1946	0.1971	0.3076	0.7388	0.1869	0.4557
45.6	0.5116	0.5460	0.3073	0.2665	0.3771	0.8173	0.3194	0.4296
45.7	0.4846	0.4787	0.3530	0.3329	0.5194	0.8684	0.3715	0.2752
45.8	0.4028	0.2905	0.3156	0.2772	0.7267	0.9046	0.3970	0.2246
45.9	0.3396	0.2085	0.1736	0.1230	0.7524	0.8854	0.2324	0.0972
46.0	0.3614	0.1457	0.1490	0.1038	0.7437	0.9207	0.2545	0.3307
46.1	0.3976	0.0846	0.1160	0.1817	0.7629	0.9242	0.4060	0.5665
46.2	0.3294	0.4537	0.1377	0.2109	0.6998	0.9031	0.3884	0.5410
46.3	0.3889	0.7721	0.2207	0.3064	0.7016	0.9327	0.5190	0.4208
46.4	0.2358	0.7845	0.1570	0.2230	0.7668	0.9104	0.3947	0.2749
46.5	0.3726	0.8297	0.3231	0.4103	0.7710	0.9026	0.5058	0.3723
46.6	0.3322	0.8504	0.2611	0.4184	0.7454	0.8786	0.5488	0.2987
46.7	0.2188	0.8252	0.1981	0.3539	0.6416	0.8035	0.4349	0.2425
46.8	0.3224	0.8918	0.3044	0.4938	0.7038	0.8640	0.5692	0.3955
46.9	0.3358	0.9020	0.2960	0.4757	0.6411	0.9091	0.5838	0.2357
47.0	0.1939	0.8462	0.1132	0.2541	0.6148	0.8778	0.2985	0.0452
47.1	0.2653	0.7756	0.0880	0.2433	0.5930	0.7806	0.2372	0.3963
47.2	0.1829	0.8469	0.0466	0.2272	0.6866	0.8479	0.2145	0.6231
47.3	0.1615	0.8748	0.0860	0.2161	0.6323	0.9008	0.2421	0.6920
47.4	0.2279	0.8965	0.1733	0.3392	0.6055	0.9592	0.4371	0.7080
47.5	0.2040	0.9124	0.1755	0.3430	0.4997	0.9619	0.4954	0.4198
47.6	0.1328	0.8838	0.1727	0.2831	0.6157	0.9174	0.4333	0.2639
47.7	0.1038	0.9177	0.1474	0.2817	0.5567	0.9092	0.4275	0.1949
47.8	0.0934	0.9176	0.1483	0.2813	0.6165	0.8926	0.3934	0.0192
47.9	0.0538	0.9225	0.0828	0.2166	0.6585	0.8887	0.2808	0.0185
48.0	0.0001	0.9114	0.0852	0.2452	0.6574	0.8970	0.2957	0.0189
48.1	0.0691	0.9039	0.1597	0.3286	0.6329	0.8461	0.3951	0.0239
48.2	0.0314	0.9148	0.1807	0.3135	0.5629	0.8339	0.3543	0.1190
48.3	0.0631	0.8913	0.2168	0.3422	0.6373	0.8781	0.3906	0.1893
48.4	0.0616	0.8857	0.1979	0.3441	0.5648	0.8437	0.3970	0.1150
48.5	0.0542	0.9076	0.1299	0.3154	0.5574	0.8904	0.3754	0.0865
48.6	0.0540	0.9029	0.1540	0.3364	0.5829	0.8779	0.4089	0.0307
48.7	0.0230	0.8949	0.1614	0.3086	0.4846	0.7930	0.3592	0.0341
48.8	0.0469	0.9208	0.1516	0.3366	0.5314	0.8320	0.3625	0.0812
48.9	0.0342	0.9266	0.1220	0.3177	0.5735	0.8791	0.3704	0.2100
49.0	0.0131	0.8852	0.0543	0.1694	0.4351	0.8367	0.1924	0.1347
49.1	0.0624	0.8564	0.0685	0.1613	0.4811	0.7822	0.1834	0.1898
49.2	0.2230	0.8671	0.0436	0.1619	0.3990	0.6592	0.2029	0.1266
49.3	0.2642	0.8916	0.0633	0.2053	0.3765	0.7082	0.2379	0.0233
49.4	0.1467	0.8633	0.0873	0.1624	0.2609	0.7740	0.1664	0.0243
49.5	0.0828	0.8152	0.0744	0.0839	0.3029	0.7938	0.0836	0.1864
49.6	0.1685	0.8515	0.0795	0.0978	0.2502	0.7900	0.1193	0.1708
49.7	0.2054	0.8681	0.1767	0.0496	0.0839	0.7515	0.0481	0.0462
49.8	0.3274	0.9009	0.0869	0.0211	0.1639	0.7569	0.0204	0.3419
49.9	0.1303	0.8127	0.0867	0.0613	0.4081	0.7032	0.0744	0.4685
50.0	0.3254	0.8029	0.0033	0.0590	0.3103	0.5554	0.0651	0.3565
50.1	0.5019	0.8715	0.0031	0.1048	0.3273	0.6479	0.0834	0.4369
50.2	0.4917	0.9108	0.0584	0.0907	0.5379	0.7817	0.0792	0.4986
50.3	0.5242	0.9160	0.0373	0.0635	0.5436	0.8235	0.0756	0.5269
50.4	0.3552	0.8652	0.0188	0.1123	0.4585	0.7306	0.0776	0.3372
50.5	0.3141	0.8640	0.0284	0.0788	0.3554	0.7352	0.0374	0.3960
50.6	0.4468	0.8934	0.0825	0.1365	0.4225	0.7592	0.0816	0.3721
50.7	0.4710	0.8616	0.0394	0.0597	0.3979	0.7646	0.0747	0.2462
50.8	0.3960	0.8315	0.0363	0.0542	0.3440	0.7831	0.0493	0.4296
50.9	0.3876	0.8064	0.0989	0.0189	0.4939	0.7681	0.0009	0.5873

51.0	0.1488	0.7594	0.1614	0.0793	0.5659	0.7834	0.0260	0.5303
51.1	0.1072	0.7772	0.1542	0.0814	0.5741	0.8262	0.0164	0.6039
51.2	0.0150	0.6002	0.0799	0.0321	0.5295	0.7792	0.0057	0.5865
51.3	0.0176	0.5083	0.1089	0.0338	0.4621	0.7324	0.0146	0.5664
51.4	0.2491	0.7438	0.1804	0.0493	0.2634	0.6551	0.0041	0.4740
51.5	0.5231	0.8527	0.0847	0.0570	0.2527	0.6493	0.0779	0.3967
51.6	0.6357	0.8686	0.0015	0.1634	0.4080	0.8113	0.2579	0.6101
51.7	0.6056	0.8783	0.0077	0.1283	0.4759	0.8482	0.2976	0.6403
51.8	0.4280	0.8213	0.0421	0.0354	0.4664	0.8816	0.1850	0.7138
51.9	0.2965	0.7524	0.0201	0.0319	0.4411	0.9030	0.1096	0.7478
52.0	0.2508	0.6891	0.0099	0.0327	0.2706	0.8887	0.1376	0.7233
52.1	0.1755	0.6931	0.0648	0.0251	0.4535	0.8980	0.1589	0.7695
52.2	0.1143	0.5487	0.0493	0.0151	0.4531	0.8893	0.1737	0.8266
52.3	0.1275	0.3650	0.0192	0.0945	0.4763	0.8820	0.0253	0.8403
52.4	0.1595	0.3504	0.0366	0.0932	0.4535	0.8746	0.0022	0.8109
52.5	0.1327	0.0712	0.0431	0.0172	0.5902	0.8678	0.0110	0.7629
52.6	0.2022	0.0731	0.0454	0.0170	0.6747	0.8466	0.1404	0.6159
52.7	0.0890	0.4588	0.0037	0.0607	0.3061	0.8106	0.1095	0.4128
52.8	0.2979	0.6818	0.0190	0.1479	0.2035	0.7698	0.2322	0.3062
52.9	0.3103	0.6903	0.0127	0.0666	0.4770	0.8672	0.2604	0.5437
53.0	0.3878	0.7564	0.0592	0.0934	0.5889	0.9159	0.4022	0.6636
53.1	0.3095	0.7446	0.1589	0.1230	0.4533	0.9035	0.3977	0.6539
53.2	0.2718	0.7949	0.0707	0.0730	0.4148	0.9234	0.3785	0.7143
53.3	0.3723	0.7754	0.0533	0.1190	0.5263	0.9187	0.5033	0.7169
53.4	0.3324	0.5515	0.0625	0.0735	0.5151	0.9170	0.4185	0.6935
53.5	0.1367	0.7102	0.0410	0.0146	0.3592	0.9081	0.1237	0.6075
53.6	0.1271	0.8558	0.0534	0.0136	0.3834	0.9243	0.2020	0.6468
53.7	0.2860	0.9162	0.0520	0.0573	0.4944	0.9505	0.4471	0.7666
53.8	0.3690	0.9139	0.1491	0.1412	0.5830	0.9451	0.5516	0.8395
53.9	0.3146	0.8992	0.1780	0.1335	0.6260	0.9335	0.5390	0.8295
54.0	0.2629	0.8403	0.1593	0.1256	0.4719	0.9186	0.4689	0.7126
54.1	0.1376	0.8733	0.0774	0.0355	0.4656	0.8883	0.2391	0.5398
54.2	0.3223	0.9033	0.0478	0.0619	0.6274	0.9380	0.4287	0.8094
54.3	0.5302	0.9426	0.1304	0.1864	0.6828	0.9506	0.6712	0.9042
54.4	0.4631	0.9420	0.0642	0.1030	0.7056	0.9583	0.6323	0.9107
54.5	0.4091	0.9423	0.0884	0.1223	0.7332	0.9498	0.5946	0.8842
54.6	0.2852	0.9510	0.2032	0.1701	0.6171	0.9382	0.5805	0.8629
54.7	0.1338	0.9408	0.0728	0.0498	0.6176	0.9393	0.5348	0.8871
54.8	0.1931	0.9515	0.1369	0.0689	0.6625	0.9479	0.5338	0.9140
54.9	0.3586	0.9560	0.1287	0.1177	0.7867	0.9676	0.6237	0.9502
55.0	0.5188	0.9660	0.1007	0.1607	0.7996	0.9665	0.7155	0.9563
55.1	0.4898	0.9633	0.0750	0.1626	0.7504	0.9542	0.6497	0.9442
55.2	0.3427	0.9455	0.0842	0.0827	0.6988	0.9350	0.5394	0.9376
55.3	0.3370	0.9424	0.0841	0.0356	0.7411	0.9323	0.5531	0.9460
55.4	0.3534	0.9378	0.0565	0.0078	0.7392	0.9361	0.4848	0.9470
55.5	0.5170	0.9294	0.0077	0.1191	0.7558	0.9373	0.6030	0.9414
55.6	0.5544	0.9405	0.0179	0.2123	0.7100	0.9294	0.6267	0.9369
55.7	0.5957	0.9648	0.0528	0.2734	0.7069	0.9393	0.6536	0.9483
55.8	0.6388	0.9548	0.0727	0.2582	0.7528	0.9533	0.6918	0.9581
55.9	0.6193	0.9427	0.0514	0.2834	0.7478	0.9413	0.5998	0.9503
56.0	0.6014	0.8803	0.0487	0.2551	0.6970	0.9275	0.4644	0.9319
56.1	0.6253	0.8658	0.0683	0.3467	0.6562	0.9299	0.3642	0.9273
56.2	0.7288	0.9448	0.0080	0.4492	0.7549	0.9525	0.6774	0.9620
56.3	0.8188	0.9555	0.0200	0.5570	0.7854	0.9599	0.7683	0.9720
56.4	0.7705	0.9534	0.0961	0.5116	0.7735	0.9633	0.6906	0.9758
56.5	0.8076	0.9625	0.0959	0.5490	0.7458	0.9711	0.6732	0.9710
56.6	0.8717	0.9601	0.0537	0.6451	0.6206	0.9686	0.7490	0.9705
56.7	0.8322	0.9397	0.0146	0.5884	0.5796	0.9602	0.7087	0.9562
56.8	0.7966	0.9367	0.0134	0.5332	0.6682	0.9492	0.6490	0.9527
56.9	0.8801	0.9642	0.0521	0.6603	0.6497	0.9683	0.7225	0.9719
57.0	0.9042	0.9510	0.1252	0.7181	0.5734	0.9622	0.7240	0.9628
57.1	0.8778	0.8902	0.0626	0.6297	0.5065	0.9522	0.6006	0.9498
57.2	0.8634	0.8377	0.0626	0.6186	0.5382	0.9350	0.5521	0.9429
57.3	0.8502	0.8884	0.1196	0.7118	0.4494	0.9309	0.4892	0.9486
57.4	0.8791	0.9112	0.0506	0.7872	0.5760	0.9462	0.5876	0.9577
57.5	0.9079	0.9371	0.0808	0.8589	0.6812	0.9701	0.7372	0.9713
57.6	0.9244	0.9589	0.0310	0.8581	0.6772	0.9766	0.7631	0.9785
57.7	0.9176	0.9593	0.0022	0.8015	0.5994	0.9687	0.6974	0.9727
57.8	0.9066	0.9510	0.0002	0.8006	0.5053	0.9636	0.6723	0.9742
57.9	0.9222	0.9525	0.0026	0.8442	0.5237	0.9719	0.6607	0.9776
58.0	0.9265	0.9389	0.0083	0.8453	0.5627	0.9640	0.5664	0.9696
58.1	0.9143	0.9316	0.0867	0.8734	0.5159	0.9497	0.5213	0.9602
58.2	0.8992	0.8930	0.0739	0.8570	0.4081	0.9309	0.3985	0.9211
58.3	0.9197	0.8775	0.0677	0.8881	0.5125	0.9362	0.4502	0.9179
58.4	0.9338	0.9117	0.1021	0.9110	0.4477	0.9442	0.5745	0.9635
58.5	0.9400	0.9191	0.0579	0.9264	0.3659	0.9526	0.5158	0.9719
58.6	0.9378	0.9112	0.0484	0.9255	0.4077	0.9547	0.5262	0.9606
58.7	0.9264	0.8970	0.0257	0.9253	0.4746	0.9396	0.5084	0.9466
58.8	0.9414	0.9345	0.0215	0.9438	0.5527	0.9662	0.5683	0.9675
58.9	0.9572	0.9470	0.0651	0.9543	0.4872	0.9676	0.5840	0.9721
59.0	0.9592	0.9150	0.0220	0.9464	0.4357	0.9598	0.6312	0.9681
59.1	0.9603	0.8847	0.0219	0.9435	0.3178	0.9588	0.6588	0.9723
59.2	0.9643	0.9252	0.0503	0.9604	0.4543	0.9625	0.7302	0.9751
59.3	0.9790	0.9275	0.0854	0.9730	0.5373	0.9665	0.7910	0.9763
59.4	0.9722	0.9254	0.0882	0.9698	0.4979	0.9575	0.7633	0.9717
59.5	0.9569	0.9039	0.0200	0.9606	0.4043	0.9529	0.7477	0.9623

59.6	0.9585	0.8817	0.0894	0.9571	0.3057	0.9532	0.7625	0.9522
59.7	0.9635	0.8683	0.0552	0.9602	0.4321	0.9603	0.8394	0.9574
59.8	0.9548	0.8646	0.0040	0.9643	0.4021	0.9463	0.8192	0.9523
59.9	0.9623	0.8571	0.0025	0.9700	0.4562	0.9592	0.7734	0.9381
60.0	0.9698	0.8622	0.0335	0.9734	0.5427	0.9625	0.8647	0.8931
60.1	0.9744	0.8820	0.0203	0.9771	0.5899	0.9604	0.9221	0.9542
60.2	0.9834	0.9105	0.0186	0.9855	0.6882	0.9781	0.9262	0.9796
60.3	0.9727	0.9012	0.0044	0.9805	0.6131	0.9574	0.9264	0.9698
60.4	0.9730	0.8733	0.0270	0.9773	0.4724	0.9494	0.9308	0.9640
60.5	0.9746	0.8672	0.0295	0.9754	0.4826	0.9660	0.9345	0.9585
60.6	0.9739	0.8770	0.0572	0.9768	0.5760	0.9616	0.9229	0.9636
60.7	0.9824	0.9152	0.0689	0.9840	0.6720	0.9664	0.9289	0.9706
60.8	0.9780	0.9163	0.0037	0.9817	0.6678	0.9714	0.9447	0.9691
60.9	0.9683	0.8786	0.0127	0.9689	0.5616	0.9642	0.9226	0.9528
61.0	0.9718	0.8830	0.0284	0.9726	0.5547	0.9640	0.9082	0.9592
61.1	0.9735	0.8928	0.0009	0.9745	0.6187	0.9572	0.9320	0.9613
61.2	0.9742	0.9032	0.0113	0.9757	0.5693	0.9614	0.9437	0.9596
61.3	0.9736	0.8882	0.0498	0.9755	0.4459	0.9611	0.9404	0.9480
61.4	0.9770	0.8960	0.0207	0.9736	0.5582	0.9668	0.9588	0.9545
61.5	0.9796	0.9108	0.0148	0.9713	0.6840	0.9673	0.9564	0.9636
61.6	0.9817	0.8977	0.0535	0.9753	0.6830	0.9652	0.9615	0.9643
61.7	0.9831	0.8844	0.0449	0.9692	0.6753	0.9655	0.9540	0.9599
61.8	0.9798	0.8950	0.0370	0.9696	0.7075	0.9648	0.9508	0.9562
61.9	0.9772	0.8741	0.0091	0.9677	0.6572	0.9641	0.9547	0.9465
62.0	0.9777	0.9023	0.0402	0.9706	0.7098	0.9676	0.9608	0.9525
62.1	0.9838	0.9182	0.0668	0.9717	0.7227	0.9695	0.9623	0.9627
62.2	0.9814	0.8923	0.0657	0.9669	0.7513	0.9639	0.9551	0.9545
62.3	0.9809	0.9086	0.0867	0.9669	0.7341	0.9674	0.9610	0.9498
62.4	0.9770	0.8844	0.0428	0.9626	0.6880	0.9596	0.9452	0.9365
62.5	0.9743	0.9035	0.0503	0.9654	0.7302	0.9612	0.9538	0.9400
62.6	0.9810	0.9271	0.1183	0.9698	0.7731	0.9635	0.9658	0.9540
62.7	0.9805	0.9087	0.1264	0.9676	0.7457	0.9630	0.9595	0.9549
62.8	0.9781	0.9011	0.0414	0.9655	0.7284	0.9679	0.9529	0.9482
62.9	0.9766	0.9081	0.1288	0.9732	0.7683	0.9708	0.9646	0.9421
63.0	0.9732	0.9012	0.1038	0.9652	0.7963	0.9545	0.9610	0.9352
63.1	0.9771	0.9065	0.0856	0.9581	0.7706	0.9598	0.9587	0.9265
63.2	0.9674	0.8861	0.1263	0.9520	0.7477	0.9619	0.9515	0.9128
63.3	0.9793	0.9237	0.1970	0.9657	0.8181	0.9725	0.9730	0.9437
63.4	0.9818	0.9251	0.1039	0.9675	0.8569	0.9730	0.9719	0.9448
63.5	0.9820	0.9438	0.0663	0.9782	0.8691	0.9751	0.9805	0.9496
63.6	0.9786	0.9384	0.0589	0.9702	0.8638	0.9688	0.9712	0.9453
63.7	0.9817	0.9450	0.0904	0.9717	0.8686	0.9675	0.9680	0.9542
63.8	0.9852	0.9452	0.0161	0.9756	0.8630	0.9731	0.9714	0.9566
63.9	0.9765	0.9268	0.0443	0.9671	0.8477	0.9688	0.9633	0.9360
64.0	0.9795	0.9263	0.0356	0.9687	0.8671	0.9749	0.9735	0.9365
64.1	0.9733	0.9120	0.0249	0.9615	0.8396	0.9678	0.9643	0.9307
64.2	0.9620	0.8695	0.0546	0.9411	0.7931	0.9601	0.9479	0.9094
64.3	0.9722	0.8915	0.0614	0.9605	0.8228	0.9671	0.9558	0.9312
64.4	0.9751	0.9116	0.0031	0.9601	0.8487	0.9765	0.9596	0.9321
64.5	0.9773	0.9354	0.0178	0.9632	0.9168	0.9787	0.9709	0.9427
64.6	0.9768	0.9258	0.1370	0.9691	0.8962	0.9692	0.9574	0.9472
64.7	0.9710	0.9236	0.1850	0.9650	0.8965	0.9567	0.9452	0.9312
64.8	0.9830	0.9285	0.0739	0.9703	0.9033	0.9719	0.9573	0.9399
64.9	0.9828	0.9208	0.0654	0.9680	0.8828	0.9740	0.9600	0.9279
65.0	0.9691	0.8911	0.0791	0.9599	0.8424	0.9617	0.9416	0.8878
65.1	0.9782	0.9240	0.0712	0.9669	0.8809	0.9713	0.9578	0.9074
65.2	0.9812	0.9477	0.1516	0.9700	0.9003	0.9806	0.9687	0.9385
65.3	0.9785	0.9587	0.1476	0.9649	0.9087	0.9759	0.9745	0.9400
65.4	0.9717	0.9483	0.1121	0.9631	0.8974	0.9630	0.9660	0.9123
65.5	0.9744	0.9306	0.0229	0.9628	0.8872	0.9729	0.9656	0.9007
65.6	0.9804	0.9310	0.0780	0.9616	0.9128	0.9778	0.9741	0.9116
65.7	0.9780	0.9278	0.1798	0.9643	0.9102	0.9763	0.9706	0.9148
65.8	0.9800	0.9294	0.1385	0.9721	0.9109	0.9694	0.9738	0.9123
65.9	0.9798	0.9446	0.1065	0.9653	0.9270	0.9777	0.9709	0.9216
66.0	0.9753	0.9477	0.1583	0.9661	0.9235	0.9743	0.9680	0.9066
66.1	0.9804	0.9445	0.1054	0.9760	0.9359	0.9749	0.9763	0.9141
66.2	0.9810	0.9425	0.0890	0.9783	0.9218	0.9729	0.9719	0.9148
66.3	0.9802	0.9441	0.0758	0.9764	0.9229	0.9724	0.9743	0.9031
66.4	0.9853	0.9549	0.1364	0.9806	0.9439	0.9777	0.9799	0.9141
66.5	0.9847	0.9591	0.1176	0.9795	0.9530	0.9772	0.9789	0.9304
66.6	0.9839	0.9487	0.1166	0.9772	0.9546	0.9750	0.9769	0.9255
66.7	0.9753	0.9264	0.1526	0.9674	0.9363	0.9655	0.9713	0.8976
66.8	0.9820	0.9328	0.2547	0.9774	0.9421	0.9652	0.9728	0.9265
66.9	0.9814	0.9327	0.3028	0.9758	0.9523	0.9707	0.9700	0.9225
67.0	0.9741	0.9175	0.1827	0.9718	0.9568	0.9607	0.9649	0.9147
67.1	0.9793	0.9227	0.0781	0.9751	0.9569	0.9666	0.9700	0.9193
67.2	0.9770	0.9261	0.1890	0.9747	0.9661	0.9664	0.9694	0.9356
67.3	0.9679	0.8834	0.1976	0.9721	0.9523	0.9653	0.9577	0.9221
67.4	0.9759	0.8853	0.1486	0.9779	0.9552	0.9706	0.9677	0.9039
67.5	0.9856	0.9182	0.2254	0.9832	0.9789	0.9772	0.9791	0.9342
67.6	0.9757	0.8897	0.2231	0.9762	0.9719	0.9713	0.9649	0.8977
67.7	0.9792	0.8899	0.2538	0.9786	0.9718	0.9695	0.9655	0.8997
67.8	0.9811	0.9126	0.2903	0.9755	0.9700	0.9711	0.9689	0.9234
67.9	0.9728	0.9019	0.2985	0.9661	0.9596	0.9581	0.9598	0.8973
68.0	0.9720	0.9267	0.3383	0.9700	0.9587	0.9516	0.9646	0.8912
68.1	0.9778	0.9468	0.3559	0.9747	0.9678	0.9668	0.9706	0.9066

68.2	0.9731	0.9587	0.4136	0.9762	0.9690	0.9735	0.9617	0.8713
68.3	0.9722	0.9658	0.3143	0.9739	0.9704	0.9655	0.9599	0.8550
68.4	0.9628	0.9640	0.3397	0.9492	0.9706	0.9637	0.9484	0.8100
68.5	0.9692	0.9720	0.3616	0.9634	0.9749	0.9760	0.9599	0.8288
68.6	0.9725	0.9774	0.3784	0.9696	0.9759	0.9786	0.9637	0.8599
68.7	0.9661	0.9771	0.4349	0.9617	0.9733	0.9748	0.9509	0.8236
68.8	0.9673	0.9714	0.4902	0.9617	0.9686	0.9717	0.9494	0.7037
68.9	0.9760	0.9737	0.4067	0.9717	0.9779	0.9788	0.9611	0.7248
69.0	0.9710	0.9723	0.4402	0.9669	0.9704	0.9776	0.9562	0.6489
69.1	0.9649	0.9643	0.4674	0.9606	0.9620	0.9687	0.9508	0.6742
69.2	0.9543	0.9742	0.4008	0.9449	0.9629	0.9687	0.9389	0.6849
69.3	0.9490	0.9724	0.3863	0.9387	0.9584	0.9713	0.9233	0.6348
69.4	0.9635	0.9727	0.5337	0.9479	0.9602	0.9770	0.9336	0.5880
69.5	0.9661	0.9659	0.5924	0.9471	0.9725	0.9770	0.9269	0.6261
69.6	0.9666	0.9700	0.6235	0.9545	0.9820	0.9839	0.9334	0.6263
69.7	0.9516	0.9657	0.5425	0.9430	0.9740	0.9810	0.9052	0.6676
69.8	0.9556	0.9682	0.5549	0.9431	0.9719	0.9754	0.9140	0.4802
69.9	0.9625	0.9706	0.6219	0.9402	0.9715	0.9788	0.9240	0.4592
70.0	0.9597	0.9717	0.6650	0.9337	0.9632	0.9761	0.9068	0.5066
70.1	0.9529	0.9803	0.6860	0.9337	0.9619	0.9782	0.9091	0.4702
70.2	0.9301	0.9683	0.6711	0.8882	0.9548	0.9734	0.8485	0.5101
70.3	0.9562	0.9734	0.7486	0.9222	0.9650	0.9782	0.8824	0.5991
70.4	0.9476	0.9729	0.6668	0.9170	0.9649	0.9792	0.8662	0.4663
70.5	0.9134	0.9671	0.6084	0.8703	0.9540	0.9679	0.7659	0.4058
70.6	0.9343	0.9643	0.6492	0.8838	0.9641	0.9740	0.7729	0.5096
70.7	0.9148	0.9494	0.6268	0.8349	0.9555	0.9694	0.7209	0.5819
70.8	0.8923	0.9515	0.6596	0.8330	0.9662	0.9710	0.6692	0.5504
70.9	0.9175	0.9521	0.7592	0.8682	0.9644	0.9759	0.6828	0.5642
71.0	0.9255	0.9492	0.7662	0.8563	0.9588	0.9700	0.6676	0.5287
71.1	0.9409	0.9518	0.7883	0.8674	0.9640	0.9691	0.7634	0.6210
71.2	0.9287	0.9454	0.7763	0.8598	0.9687	0.9765	0.7039	0.6521
71.3	0.9227	0.9301	0.7573	0.8498	0.9623	0.9717	0.6702	0.6192
71.4	0.9275	0.9295	0.6899	0.8637	0.9615	0.9641	0.6579	0.5444
71.5	0.9155	0.9428	0.7070	0.8553	0.9530	0.9643	0.5687	0.5761
71.6	0.8950	0.9284	0.7338	0.8084	0.9508	0.9610	0.5318	0.5734
71.7	0.9046	0.9241	0.7665	0.8132	0.9562	0.9652	0.6575	0.6423
71.8	0.9148	0.9230	0.7549	0.8219	0.9549	0.9662	0.6758	0.6022
71.9	0.9104	0.9340	0.8412	0.8432	0.9641	0.9723	0.6521	0.6167
72.0	0.9295	0.9422	0.8860	0.8653	0.9695	0.9758	0.7628	0.6605
72.1	0.8848	0.9231	0.8164	0.7157	0.9538	0.9552	0.7753	0.5452
72.2	0.8349	0.9063	0.7021	0.6087	0.9442	0.9494	0.7153	0.5479
72.3	0.8752	0.9470	0.7845	0.6161	0.9653	0.9647	0.7748	0.6390
72.4	0.9202	0.9599	0.8975	0.7256	0.9699	0.9780	0.8597	0.6539
72.5	0.8860	0.9524	0.8913	0.6443	0.9562	0.9668	0.8415	0.6323
72.6	0.7785	0.9156	0.8086	0.5094	0.9293	0.9425	0.7193	0.4033
72.7	0.7956	0.9334	0.7758	0.4114	0.9359	0.9388	0.8172	0.5645
72.8	0.7971	0.9580	0.7850	0.3181	0.9473	0.9383	0.8178	0.5299
72.9	0.8502	0.9630	0.8370	0.3073	0.9445	0.9354	0.8117	0.5456
73.0	0.7992	0.9538	0.8384	0.3053	0.9421	0.9391	0.8147	0.5304
73.1	0.8625	0.9607	0.8550	0.3159	0.9552	0.9495	0.8735	0.5553
73.2	0.8465	0.9708	0.8659	0.1073	0.9573	0.9442	0.8865	0.5671
73.3	0.7621	0.9612	0.7665	0.0410	0.9380	0.9042	0.8377	0.4473
73.4	0.7286	0.9563	0.7569	0.0591	0.9161	0.8920	0.7824	0.3828
73.5	0.8150	0.9664	0.8684	0.0481	0.9375	0.9118	0.8397	0.5150
73.6	0.8196	0.9729	0.9006	0.0528	0.9416	0.9082	0.8817	0.5751
73.7	0.8151	0.9715	0.9020	0.1233	0.9366	0.8913	0.8870	0.6149
73.8	0.8186	0.9753	0.9033	0.2118	0.9539	0.8806	0.8878	0.6501
73.9	0.7583	0.9683	0.8839	0.1039	0.9296	0.8326	0.8815	0.5060
74.0	0.7320	0.9664	0.8553	0.1668	0.9355	0.8148	0.8690	0.4589
74.1	0.7651	0.9708	0.8696	0.2978	0.9278	0.8211	0.8773	0.5530
74.2	0.7472	0.9683	0.8869	0.3765	0.9246	0.7708	0.8747	0.6518
74.3	0.7119	0.9649	0.9117	0.3345	0.9191	0.7612	0.8756	0.6203
74.4	0.6115	0.9701	0.9063	0.2757	0.9348	0.7482	0.8774	0.5699
74.5	0.5850	0.9567	0.8914	0.4584	0.9185	0.6133	0.8564	0.5115
74.6	0.5966	0.9566	0.8536	0.4726	0.9112	0.6025	0.8618	0.5063
74.7	0.4997	0.9565	0.8647	0.3861	0.9126	0.7131	0.8520	0.5646
74.8	0.4934	0.9483	0.8713	0.4677	0.8711	0.6790	0.8530	0.5456
74.9	0.3498	0.9510	0.8685	0.5415	0.8673	0.6318	0.8573	0.5689
75.0	0.2664	0.9599	0.8771	0.4936	0.8745	0.7033	0.8812	0.6180
75.1	0.2682	0.9569	0.8456	0.5408	0.8798	0.7483	0.8965	0.6757
75.2	0.0872	0.9317	0.8092	0.4614	0.8620	0.7201	0.8551	0.5254
75.3	0.1851	0.9233	0.7821	0.4405	0.8127	0.6662	0.8084	0.5009
75.4	0.3289	0.9286	0.8070	0.6424	0.8019	0.7267	0.8497	0.7070
75.5	0.2275	0.9243	0.8320	0.5672	0.7681	0.6916	0.8432	0.5959
75.6	0.3238	0.9455	0.8537	0.6660	0.8161	0.7940	0.8766	0.6535
75.7	0.4568	0.9352	0.8406	0.7207	0.8026	0.8287	0.8834	0.7809
75.8	0.4946	0.9250	0.8347	0.6615	0.8027	0.7570	0.8700	0.7912
75.9	0.4117	0.9205	0.8086	0.6243	0.7525	0.7687	0.8142	0.6692
76.0	0.5124	0.9313	0.8164	0.5219	0.7077	0.7565	0.8309	0.6528
76.1	0.6555	0.9280	0.7713	0.5828	0.6962	0.7689	0.8559	0.6999
76.2	0.6609	0.9305	0.7986	0.6510	0.6924	0.8193	0.8709	0.7254
76.3	0.6944	0.9210	0.8155	0.6859	0.6528	0.8136	0.8723	0.7909
76.4	0.7115	0.9270	0.8135	0.7136	0.7113	0.8470	0.8824	0.7923
76.5	0.6611	0.8880	0.7563	0.6378	0.5415	0.8098	0.8075	0.7152
76.6	0.7168	0.8583	0.7019	0.5076	0.4785	0.7595	0.7960	0.7393
76.7	0.7658	0.8726	0.8066	0.5561	0.5352	0.7624	0.8368	0.7514

76.8	0.7720	0.8743	0.7808	0.6753	0.6425	0.7691	0.8423	0.7771
76.9	0.8299	0.9012	0.7827	0.6532	0.7129	0.7922	0.8763	0.8370
77.0	0.8723	0.8936	0.7766	0.5944	0.6463	0.8036	0.8758	0.8343
77.1	0.8693	0.8614	0.7513	0.5366	0.6506	0.7860	0.8589	0.7829
77.2	0.8262	0.8227	0.6936	0.5164	0.6137	0.7422	0.8119	0.7324
77.3	0.8258	0.8489	0.6589	0.6383	0.6447	0.6884	0.8258	0.7881
77.4	0.8881	0.8996	0.7599	0.6051	0.7586	0.7487	0.8918	0.8539
77.5	0.8946	0.9031	0.7175	0.6044	0.8006	0.7440	0.9015	0.8588
77.6	0.8620	0.8775	0.6424	0.6439	0.7539	0.7271	0.8605	0.8110
77.7	0.8613	0.8797	0.6110	0.6748	0.7673	0.7014	0.8560	0.8445
77.8	0.9174	0.9077	0.6772	0.7760	0.8304	0.7548	0.9052	0.8949
77.9	0.9200	0.9141	0.7238	0.7676	0.8643	0.7248	0.9244	0.8974
78.0	0.8832	0.8629	0.5851	0.7177	0.8044	0.5740	0.8671	0.8411
78.1	0.8607	0.8504	0.5694	0.7298	0.7800	0.5547	0.8641	0.8348
78.2	0.8578	0.8563	0.5394	0.7422	0.7917	0.5862	0.8618	0.8212
78.3	0.9201	0.9204	0.6496	0.8544	0.8809	0.6636	0.9168	0.8950
78.4	0.9161	0.9374	0.6266	0.8910	0.9084	0.5739	0.9264	0.9184
78.5	0.9220	0.9416	0.6588	0.9049	0.9148	0.5523	0.9377	0.9251
78.6	0.9304	0.9167	0.6147	0.8908	0.8794	0.5500	0.9115	0.9003
78.7	0.9212	0.9228	0.5814	0.9202	0.8998	0.5880	0.9246	0.9229
78.8	0.9155	0.9228	0.6203	0.9159	0.8986	0.6159	0.9324	0.9229
78.9	0.9270	0.9363	0.5248	0.9035	0.9174	0.5653	0.9380	0.9291
79.0	0.9451	0.9494	0.6335	0.9223	0.9413	0.7146	0.9471	0.9493
79.1	0.9572	0.9662	0.6914	0.9478	0.9532	0.7983	0.9626	0.9599
79.2	0.9406	0.9294	0.6127	0.9335	0.9035	0.8125	0.9305	0.9292
79.3	0.9263	0.9308	0.6224	0.9394	0.8962	0.8109	0.9297	0.9322
79.4	0.9514	0.9579	0.6857	0.9605	0.9432	0.8382	0.9616	0.9641
79.5	0.9580	0.9610	0.6678	0.9587	0.9394	0.8436	0.9591	0.9628
79.6	0.9345	0.9377	0.5926	0.9467	0.9133	0.8503	0.9339	0.9436
79.7	0.9381	0.9447	0.5395	0.9559	0.9303	0.8723	0.9473	0.9534
79.8	0.9490	0.9467	0.5194	0.9566	0.9279	0.8661	0.9545	0.9562
79.9	0.9500	0.9412	0.5639	0.9571	0.9317	0.8774	0.9481	0.9539
80.0	0.9506	0.9359	0.4903	0.9480	0.9173	0.8770	0.9337	0.9400

2.2.100 Run 9 – IP270A10 – Accels 25–32

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9913	0.9712	0.9629	0.9539	0.7375	0.9030	0.7780	0.7149
0.1	0.9620	0.8931	0.8443	0.8424	0.4278	0.7089	0.4976	0.5031
0.2	0.0180	0.0010	0.0135	0.0585	0.0002	0.0001	0.0149	0.0152
0.3	0.0036	0.0051	0.0373	0.0105	0.0001	0.0036	0.0292	0.0148
0.4	0.0027	0.0443	0.0044	0.0182	0.0020	0.0213	0.0044	0.0057
0.5	0.0000	0.0397	0.0029	0.0072	0.0068	0.0366	0.0266	0.0056
0.6	0.0207	0.0068	0.0116	0.0031	0.0437	0.0047	0.0094	0.0001
0.7	0.0221	0.0083	0.0349	0.0002	0.0460	0.0436	0.0109	0.0471
0.8	0.0164	0.0274	0.0757	0.0146	0.0174	0.1043	0.0007	0.1209
0.9	0.0568	0.0292	0.1833	0.0057	0.0172	0.1142	0.0265	0.1802
1.0	0.0176	0.0291	0.2370	0.0780	0.0553	0.2390	0.0711	0.2789
1.1	0.0781	0.1567	0.2153	0.0417	0.0431	0.3739	0.1658	0.5230
1.2	0.1605	0.2648	0.3113	0.0924	0.1149	0.6228	0.1899	0.6709
1.3	0.3978	0.5255	0.5452	0.2018	0.3558	0.7907	0.2960	0.8353
1.4	0.5187	0.6591	0.3880	0.3390	0.4927	0.8082	0.4794	0.8588
1.5	0.4098	0.6443	0.3426	0.2163	0.4917	0.8839	0.5602	0.8998
1.6	0.0981	0.8489	0.4929	0.1362	0.5230	0.9017	0.4931	0.9090
1.7	0.6337	0.9559	0.7893	0.3717	0.7283	0.8992	0.7269	0.9109
1.8	0.7372	0.9240	0.8798	0.4619	0.7806	0.8571	0.7816	0.8660
1.9	0.8335	0.9322	0.8320	0.4411	0.7568	0.8464	0.7547	0.8469
2.0	0.7223	0.8702	0.7668	0.4942	0.6689	0.7363	0.7455	0.7409
2.1	0.6482	0.7871	0.8146	0.7326	0.7913	0.8264	0.8571	0.8135
2.2	0.7102	0.6262	0.9479	0.6551	0.8086	0.9508	0.8996	0.9439
2.3	0.5700	0.4622	0.9742	0.4750	0.6101	0.9824	0.6855	0.9779
2.4	0.6412	0.4875	0.9697	0.4595	0.7740	0.9893	0.5213	0.9890
2.5	0.9149	0.8795	0.9794	0.8373	0.9414	0.9923	0.7755	0.9938
2.6	0.9344	0.9316	0.9720	0.8644	0.9160	0.9878	0.7642	0.9905
2.7	0.9603	0.9710	0.9711	0.9169	0.8947	0.9816	0.7787	0.9874
2.8	0.9563	0.9859	0.9787	0.9222	0.9104	0.9844	0.7892	0.9890
2.9	0.9521	0.9900	0.9798	0.9109	0.9046	0.9832	0.8030	0.9878
3.0	0.9448	0.9906	0.9765	0.8720	0.8939	0.9755	0.7827	0.9814
3.1	0.9245	0.9878	0.9646	0.8498	0.8407	0.9615	0.7161	0.9705
3.2	0.9309	0.9897	0.9660	0.8482	0.7933	0.9521	0.6724	0.9633
3.3	0.9068	0.9929	0.9673	0.8508	0.7974	0.9519	0.7224	0.9632
3.4	0.8860	0.9928	0.9746	0.8211	0.8283	0.9630	0.7601	0.9715
3.5	0.8580	0.9914	0.9673	0.7470	0.7722	0.9430	0.6683	0.9558
3.6	0.8272	0.9915	0.9599	0.6883	0.7272	0.9239	0.6075	0.9401
3.7	0.7086	0.9885	0.9594	0.5803	0.6947	0.9196	0.5485	0.9343
3.8	0.6160	0.9916	0.9603	0.4878	0.6916	0.9217	0.5562	0.9335
3.9	0.5410	0.9911	0.9688	0.4074	0.7277	0.9182	0.6206	0.9316
4.0	0.4851	0.9884	0.9697	0.4398	0.7061	0.9039	0.6329	0.9239
4.1	0.3415	0.9924	0.9642	0.4645	0.7088	0.9117	0.6754	0.9292
4.2	0.2346	0.9942	0.9573	0.3922	0.6830	0.9100	0.6999	0.9243
4.3	0.4028	0.9902	0.9433	0.2852	0.5254	0.8829	0.5901	0.8979
4.4	0.5138	0.9850	0.9432	0.2239	0.4538	0.8769	0.5511	0.8967
4.5	0.5946	0.9832	0.9383	0.0555	0.5080	0.8643	0.4845	0.8850
4.6	0.7243	0.9856	0.9320	0.0378	0.4958	0.8623	0.4233	0.8818
4.7	0.7660	0.9839	0.9327	0.0211	0.4839	0.8731	0.4201	0.8949
4.8	0.7960	0.9788	0.9355	0.0140	0.4631	0.8864	0.4238	0.9049
4.9	0.8176	0.9740	0.9159	0.0256	0.3931	0.8902	0.4741	0.9054
5.0	0.8678	0.9738	0.9108	0.0850	0.4540	0.9196	0.4705	0.9308
5.1	0.8791	0.9707	0.9185	0.1955	0.4163	0.9129	0.5181	0.9219
5.2	0.8972	0.9697	0.9119	0.3125	0.4032	0.8899	0.4521	0.8985
5.3	0.9087	0.9627	0.8904	0.3847	0.3477	0.9095	0.3718	0.9167
5.4	0.9105	0.9616	0.9058	0.4450	0.2590	0.9250	0.3997	0.9311
5.5	0.8738	0.9514	0.9100	0.4739	0.4051	0.9026	0.3154	0.9061
5.6	0.8757	0.9422	0.9043	0.5670	0.4658	0.8939	0.2020	0.8963
5.7	0.8901	0.9456	0.9247	0.6291	0.4089	0.8655	0.1833	0.8664
5.8	0.9137	0.9316	0.9379	0.7305	0.5058	0.8640	0.1679	0.8664
5.9	0.8858	0.9195	0.9100	0.7346	0.4089	0.7672	0.1579	0.7696
6.0	0.8868	0.9437	0.9149	0.7390	0.4145	0.7644	0.2132	0.7632
6.1	0.9361	0.9665	0.9498	0.8562	0.5225	0.8464	0.1607	0.8425
6.2	0.9219	0.9591	0.9519	0.8803	0.5304	0.7415	0.0597	0.7396
6.3	0.8810	0.9676	0.9501	0.8813	0.5097	0.6453	0.1564	0.6445
6.4	0.8783	0.9706	0.9285	0.8804	0.4676	0.5993	0.1073	0.5951
6.5	0.7683	0.9695	0.9209	0.8793	0.4767	0.6271	0.0333	0.6106
6.6	0.6672	0.9754	0.9126	0.8808	0.4963	0.6332	0.0189	0.6274
6.7	0.4780	0.9707	0.8727	0.8743	0.4879	0.5672	0.0218	0.5595
6.8	0.5437	0.9550	0.8549	0.8859	0.4574	0.4725	0.1517	0.4588
6.9	0.7489	0.9149	0.8925	0.7929	0.4564	0.5265	0.3258	0.5192
7.0	0.8856	0.8255	0.9010	0.5662	0.2447	0.6395	0.5953	0.6686
7.1	0.9625	0.8279	0.9087	0.5125	0.0996	0.6355	0.6966	0.6617
7.2	0.9880	0.9013	0.9149	0.3863	0.0673	0.5740	0.6719	0.5809
7.3	0.9858	0.8991	0.9023	0.4549	0.1646	0.5346	0.7074	0.5370
7.4	0.9840	0.8733	0.8777	0.4922	0.2161	0.5095	0.4996	0.5108
7.5	0.9798	0.8957	0.9260	0.4871	0.2744	0.5074	0.4284	0.4972
7.6	0.9615	0.9037	0.9387	0.5173	0.1790	0.4643	0.2300	0.4402
7.7	0.9577	0.9183	0.9440	0.6118	0.3215	0.5341	0.1709	0.5157
7.8	0.9558	0.9094	0.9399	0.5922	0.2751	0.5379	0.1882	0.5093
7.9	0.9513	0.9020	0.9534	0.5544	0.1658	0.4593	0.1072	0.4081

8.0	0.9634	0.9118	0.9584	0.7025	0.3226	0.5569	0.0441	0.5118
8.1	0.9630	0.9006	0.9639	0.7528	0.3623	0.5904	0.0317	0.5381
8.2	0.9693	0.9255	0.9757	0.8248	0.4662	0.6678	0.0209	0.6163
8.3	0.9511	0.9128	0.9608	0.7058	0.5532	0.6371	0.0431	0.5844
8.4	0.9568	0.9190	0.9586	0.7627	0.5029	0.5970	0.0067	0.5264
8.5	0.9495	0.9229	0.9597	0.7851	0.3710	0.6024	0.0115	0.5243
8.6	0.9411	0.9238	0.9674	0.7672	0.5870	0.6326	0.1000	0.5485
8.7	0.9486	0.9274	0.9607	0.8358	0.6867	0.5608	0.1844	0.4372
8.8	0.9351	0.9159	0.9592	0.8426	0.5887	0.5839	0.2318	0.4336
8.9	0.9258	0.9030	0.9518	0.8452	0.4680	0.5923	0.3001	0.4664
9.0	0.8987	0.8842	0.9370	0.8392	0.4314	0.5452	0.4169	0.4253
9.1	0.9181	0.8880	0.9341	0.8617	0.3252	0.4735	0.3447	0.3133
9.2	0.8777	0.8512	0.9299	0.8221	0.3319	0.3626	0.3348	0.1841
9.3	0.8361	0.8215	0.9392	0.8096	0.1944	0.5045	0.5072	0.3585
9.4	0.7393	0.7314	0.9387	0.7811	0.1126	0.6003	0.5666	0.4654
9.5	0.6880	0.7274	0.9288	0.8290	0.1199	0.4934	0.5324	0.3308
9.6	0.7299	0.7859	0.9406	0.8732	0.2202	0.5123	0.4438	0.3540
9.7	0.7084	0.7543	0.9516	0.8708	0.1401	0.5631	0.2768	0.4253
9.8	0.7064	0.7035	0.9470	0.8906	0.0557	0.6175	0.2187	0.4616
9.9	0.7147	0.4596	0.9139	0.9048	0.0229	0.5269	0.1206	0.3418
10.0	0.6863	0.1576	0.8501	0.8332	0.0263	0.3840	0.1058	0.1908
10.1	0.8569	0.1932	0.9286	0.9038	0.0647	0.4351	0.1640	0.1928
10.2	0.8583	0.4845	0.9409	0.8372	0.0339	0.4855	0.2426	0.2111
10.3	0.9314	0.8073	0.9574	0.7817	0.1233	0.6209	0.2629	0.3804
10.4	0.9164	0.7653	0.9518	0.6378	0.1849	0.6504	0.1641	0.4400
10.5	0.9413	0.8413	0.9625	0.4428	0.1805	0.6522	0.0152	0.4459
10.6	0.9716	0.8909	0.9777	0.7374	0.1023	0.6973	0.0483	0.4940
10.7	0.9724	0.8991	0.9785	0.7684	0.0161	0.7147	0.0442	0.4646
10.8	0.9806	0.8975	0.9782	0.7809	0.0502	0.7790	0.0441	0.5028
10.9	0.9883	0.8773	0.9759	0.8768	0.0413	0.8382	0.0378	0.5766
11.0	0.9922	0.9037	0.9830	0.9441	0.0332	0.8539	0.0435	0.5734
11.1	0.9887	0.7851	0.9801	0.9267	0.0205	0.7710	0.0422	0.4504
11.2	0.9825	0.6966	0.9754	0.9104	0.0049	0.6546	0.0170	0.2943
11.3	0.9833	0.6298	0.9707	0.9361	0.0003	0.6252	0.0099	0.2407
11.4	0.9849	0.7443	0.9770	0.9392	0.0089	0.7079	0.0455	0.3321
11.5	0.9810	0.8071	0.9770	0.9430	0.0301	0.7277	0.1116	0.4227
11.6	0.9821	0.9011	0.9809	0.9555	0.0235	0.7457	0.0709	0.3988
11.7	0.9852	0.9428	0.9841	0.9600	0.0536	0.7680	0.0567	0.4024
11.8	0.9838	0.9487	0.9855	0.9538	0.0822	0.8099	0.1313	0.4964
11.9	0.9802	0.9349	0.9811	0.9356	0.0989	0.7730	0.1403	0.3964
12.0	0.9828	0.9113	0.9765	0.8985	0.0234	0.6228	0.0210	0.2639
12.1	0.9915	0.9172	0.9834	0.9002	0.0051	0.7210	0.0255	0.4109
12.2	0.9936	0.9216	0.9852	0.8898	0.0164	0.7753	0.1193	0.5046
12.3	0.9943	0.9379	0.9856	0.9108	0.0288	0.7708	0.1798	0.5034
12.4	0.9962	0.9402	0.9763	0.9286	0.0081	0.7109	0.1220	0.4563
12.5	0.9957	0.9418	0.9846	0.9404	0.0989	0.6216	0.0515	0.2953
12.6	0.9938	0.9524	0.9756	0.9340	0.1110	0.5837	0.0311	0.2720
12.7	0.9943	0.9512	0.9825	0.9377	0.0801	0.6493	0.0362	0.3452
12.8	0.9942	0.9328	0.9805	0.9228	0.1656	0.7440	0.1290	0.4668
12.9	0.9947	0.9394	0.9852	0.9364	0.0199	0.7166	0.0098	0.4135
13.0	0.9939	0.9487	0.9850	0.9404	0.0748	0.7643	0.0616	0.5056
13.1	0.9918	0.9313	0.9851	0.9287	0.0744	0.8532	0.0731	0.7110
13.2	0.9925	0.9438	0.9919	0.9258	0.2155	0.8988	0.0915	0.8065
13.3	0.9903	0.9417	0.9901	0.9083	0.2297	0.8921	0.1194	0.7903
13.4	0.9915	0.9382	0.9905	0.8906	0.2746	0.8703	0.1056	0.7045
13.5	0.9890	0.9410	0.9887	0.8721	0.3375	0.7090	0.1506	0.4213
13.6	0.9869	0.9374	0.9875	0.8509	0.5261	0.7384	0.2549	0.4752
13.7	0.9872	0.9280	0.9809	0.8208	0.5819	0.7948	0.1869	0.5770
13.8	0.9915	0.9538	0.9896	0.8496	0.6661	0.8612	0.3516	0.6892
13.9	0.9804	0.9353	0.9872	0.8376	0.6379	0.8824	0.3289	0.7550
14.0	0.9738	0.9248	0.9821	0.8507	0.6912	0.8523	0.3368	0.7065
14.1	0.9838	0.9505	0.9869	0.9088	0.7474	0.8916	0.1734	0.7793
14.2	0.9830	0.9547	0.9829	0.9019	0.7654	0.8981	0.0777	0.7787
14.3	0.9767	0.9463	0.9770	0.8789	0.7893	0.9015	0.0418	0.8048
14.4	0.9714	0.9365	0.9763	0.8614	0.7950	0.8808	0.1493	0.7895
14.5	0.9636	0.9333	0.9734	0.8373	0.7382	0.8666	0.0721	0.7629
14.6	0.9610	0.9321	0.9770	0.8761	0.7745	0.9157	0.1094	0.8482
14.7	0.9451	0.9167	0.9708	0.8250	0.7894	0.9071	0.1088	0.8436
14.8	0.9167	0.8843	0.9601	0.8011	0.7245	0.8401	0.1306	0.7514
14.9	0.9521	0.9490	0.9676	0.8791	0.7642	0.8550	0.1259	0.7698
15.0	0.9364	0.9309	0.9595	0.8731	0.7278	0.7792	0.0625	0.6592
15.1	0.9226	0.9331	0.9433	0.8499	0.6656	0.6603	0.0952	0.5089
15.2	0.8935	0.9125	0.9372	0.8036	0.4506	0.5760	0.2205	0.4503
15.3	0.9059	0.8828	0.9188	0.7748	0.2390	0.6725	0.3218	0.5317
15.4	0.8940	0.7580	0.9201	0.8153	0.1478	0.7207	0.2407	0.5896
15.5	0.9013	0.4943	0.9206	0.8452	0.3266	0.8046	0.4271	0.7031
15.6	0.8884	0.1380	0.8881	0.8070	0.4713	0.7470	0.4755	0.6043
15.7	0.8953	0.0196	0.8886	0.8162	0.5843	0.7574	0.7294	0.6507
15.8	0.9115	0.1353	0.9127	0.8665	0.6784	0.8569	0.8014	0.7960
15.9	0.9157	0.4284	0.9123	0.8865	0.7403	0.8104	0.8286	0.7418
16.0	0.9372	0.3733	0.9317	0.8816	0.7280	0.8376	0.8847	0.7689
16.1	0.9618	0.4425	0.9583	0.9012	0.8255	0.9039	0.9316	0.8618
16.2	0.9741	0.4858	0.9726	0.9047	0.8813	0.9292	0.9590	0.9034
16.3	0.9802	0.5925	0.9770	0.8514	0.8906	0.9560	0.9599	0.9387
16.4	0.9771	0.6510	0.9766	0.6041	0.8818	0.9350	0.9528	0.9127
16.5	0.9786	0.6922	0.9834	0.3251	0.8475	0.9221	0.9321	0.8992

16.6	0.9719	0.6758	0.9848	0.5305	0.7680	0.9019	0.8925	0.8781
16.7	0.9632	0.7171	0.9841	0.6888	0.7889	0.9085	0.9292	0.8852
16.8	0.9666	0.6594	0.9839	0.7447	0.7973	0.9417	0.8630	0.9252
16.9	0.9783	0.5651	0.9871	0.7500	0.7734	0.9563	0.8189	0.9451
17.0	0.9746	0.5122	0.9880	0.6280	0.6239	0.8706	0.8488	0.8298
17.1	0.9658	0.5023	0.9840	0.5828	0.6106	0.7135	0.7194	0.7058
17.2	0.9795	0.4414	0.9903	0.5962	0.7786	0.7608	0.8370	0.8037
17.3	0.9821	0.3651	0.9936	0.5413	0.8242	0.8365	0.8848	0.9035
17.4	0.9811	0.2977	0.9939	0.3219	0.7501	0.7729	0.8744	0.8448
17.5	0.9859	0.3673	0.9951	0.3212	0.7889	0.9285	0.9163	0.9260
17.6	0.9832	0.4659	0.9950	0.5085	0.7746	0.8905	0.9218	0.8696
17.7	0.9808	0.5072	0.9955	0.6646	0.7709	0.8529	0.8672	0.7411
17.8	0.9828	0.5028	0.9952	0.7362	0.7361	0.8853	0.8402	0.6515
17.9	0.9788	0.4200	0.9938	0.7289	0.7247	0.8678	0.7004	0.6986
18.0	0.9789	0.2811	0.9927	0.7700	0.7635	0.9207	0.5618	0.8503
18.1	0.9814	0.2658	0.9941	0.8553	0.8064	0.9191	0.5841	0.8546
18.2	0.9834	0.1388	0.9953	0.8958	0.8060	0.9144	0.7162	0.8696
18.3	0.9875	0.3266	0.9951	0.9279	0.8077	0.9348	0.8232	0.9027
18.4	0.9842	0.4633	0.9953	0.8961	0.8192	0.9161	0.7677	0.8804
18.5	0.9729	0.5867	0.9946	0.7699	0.8213	0.9280	0.7855	0.8783
18.6	0.9682	0.7012	0.9934	0.6164	0.7179	0.9459	0.7485	0.8377
18.7	0.9772	0.7513	0.9929	0.3305	0.5906	0.9361	0.7441	0.8213
18.8	0.9837	0.7738	0.9932	0.3558	0.6650	0.9331	0.7840	0.7950
18.9	0.9712	0.5208	0.9903	0.5610	0.5470	0.8912	0.6990	0.6992
19.0	0.9700	0.4320	0.9903	0.7605	0.5336	0.9241	0.7446	0.7879
19.1	0.9794	0.3644	0.9922	0.8697	0.5789	0.9155	0.8044	0.7676
19.2	0.9816	0.3944	0.9936	0.9087	0.4753	0.8951	0.7901	0.7529
19.3	0.9780	0.2956	0.9926	0.9120	0.4848	0.8853	0.8067	0.7399
19.4	0.9705	0.3612	0.9890	0.8965	0.4594	0.8752	0.7856	0.7217
19.5	0.9837	0.6399	0.9914	0.9366	0.5941	0.8897	0.8570	0.7538
19.6	0.9749	0.7915	0.9892	0.9344	0.6571	0.8486	0.8875	0.6824
19.7	0.9775	0.8787	0.9864	0.9450	0.6950	0.8911	0.9162	0.7623
19.8	0.9828	0.9043	0.9889	0.9561	0.7258	0.9245	0.9229	0.8373
19.9	0.9856	0.8922	0.9904	0.9469	0.6880	0.9305	0.9128	0.8757
20.0	0.9899	0.9039	0.9917	0.9438	0.6586	0.9202	0.8894	0.8539
20.1	0.9895	0.9339	0.9914	0.9414	0.6417	0.8766	0.8892	0.8008
20.2	0.9891	0.9239	0.9887	0.9433	0.6214	0.8698	0.8668	0.7729
20.3	0.9894	0.9254	0.9904	0.9678	0.6051	0.8377	0.8599	0.7242
20.4	0.9861	0.9083	0.9888	0.9692	0.6258	0.7505	0.8543	0.6043
20.5	0.9888	0.9297	0.9890	0.9701	0.7025	0.7878	0.8831	0.6447
20.6	0.9921	0.9398	0.9874	0.9756	0.5937	0.7420	0.8327	0.5505
20.7	0.9878	0.9379	0.9814	0.9698	0.5685	0.6155	0.7922	0.3425
20.8	0.9834	0.9359	0.9822	0.9600	0.5821	0.4838	0.7274	0.1578
20.9	0.9858	0.9493	0.9823	0.9636	0.6808	0.4708	0.8017	0.2192
21.0	0.9866	0.9361	0.9783	0.9519	0.7014	0.5288	0.8299	0.4013
21.1	0.9851	0.9445	0.9742	0.9418	0.6868	0.6037	0.8392	0.5312
21.2	0.9857	0.9412	0.9737	0.9338	0.7173	0.7080	0.8580	0.6520
21.3	0.9851	0.9102	0.9651	0.9179	0.7087	0.7127	0.8771	0.6900
21.4	0.9854	0.9255	0.9672	0.9305	0.8021	0.7079	0.9040	0.7142
21.5	0.9810	0.9247	0.9584	0.8969	0.7728	0.5936	0.8907	0.6246
21.6	0.9837	0.9118	0.9561	0.9202	0.7121	0.5686	0.8730	0.6350
21.7	0.9869	0.9228	0.9468	0.9312	0.6737	0.5823	0.8613	0.6740
21.8	0.9804	0.8887	0.9382	0.9056	0.6388	0.3860	0.8451	0.5272
21.9	0.9800	0.8059	0.8968	0.8723	0.5886	0.3026	0.8359	0.4704
22.0	0.9827	0.7609	0.9062	0.8851	0.6391	0.1052	0.8384	0.3211
22.1	0.9815	0.7826	0.9205	0.8466	0.6415	0.0307	0.8542	0.1958
22.2	0.9785	0.7555	0.9149	0.8309	0.6206	0.1330	0.8225	0.3260
22.3	0.9741	0.7044	0.9110	0.8228	0.5968	0.2385	0.8044	0.4363
22.4	0.9745	0.7315	0.9035	0.7258	0.6929	0.0856	0.8294	0.2904
22.5	0.9817	0.8119	0.9188	0.7068	0.7227	0.1797	0.8939	0.4764
22.6	0.9766	0.7930	0.9040	0.7065	0.7204	0.2500	0.9018	0.5574
22.7	0.9740	0.7811	0.9038	0.6053	0.6707	0.1519	0.8699	0.4764
22.8	0.9741	0.7737	0.8996	0.5745	0.6602	0.2042	0.8692	0.4707
22.9	0.9787	0.8212	0.8957	0.4479	0.6831	0.2654	0.8922	0.5515
23.0	0.9720	0.8418	0.9021	0.3351	0.6932	0.1872	0.9085	0.4812
23.1	0.9767	0.8254	0.9000	0.4844	0.6592	0.2273	0.8675	0.5203
23.2	0.9712	0.7799	0.8951	0.5296	0.6860	0.0580	0.8262	0.4192
23.3	0.9648	0.6934	0.9052	0.4228	0.6683	0.0162	0.7829	0.1319
23.4	0.9694	0.6873	0.9064	0.4840	0.6736	0.0220	0.7850	0.2484
23.5	0.9751	0.6101	0.9017	0.4999	0.7173	0.0128	0.7958	0.2356
23.6	0.9705	0.4807	0.8599	0.3817	0.6386	0.0605	0.7610	0.1200
23.7	0.9711	0.4488	0.8886	0.3211	0.6289	0.1124	0.7903	0.1372
23.8	0.9611	0.3066	0.8506	0.2096	0.4934	0.0380	0.7341	0.2813
23.9	0.9760	0.1624	0.8474	0.1004	0.5228	0.0434	0.7395	0.3375
24.0	0.9765	0.1168	0.8609	0.0709	0.6217	0.0842	0.7928	0.2009
24.1	0.9623	0.0315	0.7969	0.1249	0.6473	0.1671	0.7834	0.1348
24.2	0.9708	0.0328	0.8360	0.2573	0.6974	0.2350	0.8290	0.3129
24.3	0.9719	0.1190	0.8340	0.1732	0.5948	0.2160	0.7785	0.3435
24.4	0.9516	0.0993	0.7685	0.2424	0.5329	0.2867	0.7619	0.2434
24.5	0.9423	0.1857	0.7363	0.3429	0.6376	0.1876	0.8013	0.2911
24.6	0.9418	0.3232	0.7261	0.4257	0.6296	0.2110	0.7875	0.3561
24.7	0.9474	0.4154	0.7218	0.4938	0.6712	0.2761	0.8271	0.3412
24.8	0.9526	0.3671	0.7175	0.7004	0.7482	0.3215	0.8557	0.3066
24.9	0.9553	0.3946	0.7350	0.7278	0.7702	0.4002	0.8574	0.2488
25.0	0.9536	0.3874	0.7177	0.6642	0.7142	0.3625	0.7882	0.1955
25.1	0.9515	0.4192	0.6809	0.5823	0.7198	0.5188	0.7658	0.2534

25.2	0.9384	0.4695	0.6322	0.5017	0.6424	0.3965	0.7274	0.1753
25.3	0.9394	0.5627	0.4817	0.6015	0.4638	0.2864	0.7038	0.2105
25.4	0.9270	0.6747	0.4078	0.5725	0.5379	0.4386	0.7556	0.2562
25.5	0.9119	0.6591	0.4102	0.5173	0.6062	0.4634	0.7404	0.1640
25.6	0.9058	0.6516	0.1550	0.4625	0.4376	0.2378	0.6124	0.1513
25.7	0.9237	0.6789	0.1261	0.4861	0.6096	0.4233	0.7046	0.1612
25.8	0.8845	0.5864	0.0907	0.4171	0.5663	0.4148	0.6572	0.2690
25.9	0.8817	0.5054	0.1530	0.2374	0.4367	0.4169	0.6188	0.3599
26.0	0.8802	0.4876	0.2514	0.2276	0.4969	0.4813	0.6884	0.5395
26.1	0.8798	0.4744	0.1214	0.1277	0.4639	0.3283	0.6435	0.5424
26.2	0.8879	0.4915	0.2882	0.1503	0.4815	0.3228	0.6612	0.4146
26.3	0.8703	0.3283	0.3881	0.0360	0.3915	0.3080	0.5572	0.2908
26.4	0.8570	0.1854	0.4593	0.0072	0.4641	0.4419	0.6218	0.3515
26.5	0.8653	0.2700	0.4328	0.0106	0.5067	0.4278	0.6864	0.4516
26.6	0.8715	0.3134	0.4745	0.0279	0.5610	0.5004	0.6897	0.4173
26.7	0.8622	0.4498	0.6489	0.0904	0.5469	0.4834	0.6958	0.2643
26.8	0.8550	0.5093	0.6870	0.1235	0.4634	0.4246	0.6547	0.3859
26.9	0.8755	0.5811	0.7678	0.2337	0.4500	0.4040	0.6085	0.4497
27.0	0.8664	0.6092	0.7782	0.2169	0.5347	0.5031	0.7056	0.5063
27.1	0.8313	0.5383	0.7877	0.1817	0.5575	0.3687	0.6939	0.4527
27.2	0.8190	0.5726	0.8145	0.4116	0.5303	0.2470	0.6443	0.4424
27.3	0.7605	0.4783	0.7765	0.4729	0.4449	0.1007	0.5109	0.3663
27.4	0.8239	0.7119	0.8638	0.6700	0.4431	0.1955	0.5589	0.3043
27.5	0.8228	0.7216	0.8451	0.6152	0.5353	0.3310	0.6032	0.2878
27.6	0.7597	0.6569	0.8039	0.5153	0.5507	0.2503	0.5372	0.3265
27.7	0.7907	0.7028	0.8155	0.6064	0.4990	0.2282	0.4997	0.3218
27.8	0.7922	0.6867	0.7893	0.6512	0.4443	0.2426	0.4381	0.2251
27.9	0.7724	0.5830	0.7262	0.5768	0.3123	0.1648	0.3231	0.1789
28.0	0.7997	0.6501	0.7800	0.6364	0.2605	0.1582	0.2576	0.1292
28.1	0.7762	0.6505	0.7619	0.6546	0.1872	0.1358	0.1861	0.1369
28.2	0.7258	0.5518	0.6619	0.4898	0.1061	0.1195	0.1598	0.0456
28.3	0.6630	0.4975	0.6034	0.4500	0.0359	0.1580	0.0846	0.0533
28.4	0.7589	0.6291	0.6968	0.5794	0.0479	0.2029	0.1531	0.0303
28.5	0.8029	0.6785	0.7338	0.6320	0.0235	0.1191	0.0830	0.0161
28.6	0.7937	0.6737	0.7460	0.6230	0.0088	0.1041	0.0519	0.1753
28.7	0.7571	0.6685	0.6977	0.5752	0.0006	0.1341	0.0698	0.2012
28.8	0.7241	0.6365	0.6376	0.4803	0.0196	0.0492	0.0529	0.1433
28.9	0.7867	0.6961	0.6938	0.5184	0.0320	0.0542	0.0702	0.1698
29.0	0.7857	0.7466	0.6725	0.5972	0.0592	0.0672	0.1029	0.1917
29.1	0.7840	0.6974	0.6525	0.5689	0.1016	0.0963	0.0979	0.1334
29.2	0.7970	0.6818	0.6325	0.5131	0.1694	0.0955	0.1305	0.0786
29.3	0.8399	0.7553	0.7396	0.6139	0.1137	0.1362	0.2052	0.2759
29.4	0.8544	0.7782	0.7519	0.6696	0.1388	0.2149	0.2738	0.3021
29.5	0.8483	0.7774	0.7573	0.6456	0.0406	0.1008	0.1187	0.3283
29.6	0.7703	0.7073	0.6523	0.5639	0.0316	0.0484	0.0691	0.2365
29.7	0.7220	0.6623	0.5650	0.5244	0.0800	0.0249	0.1076	0.2273
29.8	0.7258	0.6939	0.5457	0.5529	0.1940	0.0163	0.1793	0.2669
29.9	0.5110	0.6305	0.6234	0.3485	0.2951	0.1224	0.3223	0.2002
30.0	0.5716	0.6354	0.6319	0.3508	0.1481	0.1471	0.2464	0.2554
30.1	0.8236	0.7541	0.5794	0.5663	0.0729	0.1115	0.2482	0.2091
30.2	0.7928	0.7329	0.5620	0.6013	0.2032	0.0868	0.3903	0.0719
30.3	0.7635	0.6115	0.4335	0.4964	0.1606	0.0672	0.2575	0.0816
30.4	0.6976	0.6551	0.3316	0.4958	0.0858	0.0031	0.1162	0.0969
30.5	0.7001	0.6686	0.3917	0.5557	0.1442	0.0019	0.1938	0.0738
30.6	0.6913	0.7271	0.4919	0.6676	0.1276	0.0329	0.2643	0.1081
30.7	0.7657	0.7792	0.5266	0.7100	0.1892	0.0207	0.2542	0.1096
30.8	0.7176	0.7354	0.2906	0.6233	0.1522	0.0103	0.1251	0.1108
30.9	0.6794	0.7208	0.2811	0.6229	0.1561	0.0754	0.2130	0.0352
31.0	0.7377	0.6908	0.2994	0.5884	0.1876	0.0405	0.2380	0.0391
31.1	0.7869	0.7144	0.3138	0.5696	0.1658	0.0244	0.2337	0.0745
31.2	0.6729	0.6522	0.1778	0.5394	0.0936	0.0202	0.1637	0.1107
31.3	0.6653	0.5924	0.0705	0.5671	0.1122	0.0030	0.1673	0.1042
31.4	0.6731	0.6151	0.1216	0.5534	0.1489	0.0017	0.2640	0.0728
31.5	0.6806	0.6210	0.1118	0.5490	0.0313	0.0327	0.1393	0.1324
31.6	0.5706	0.5260	0.0261	0.5299	0.0220	0.0235	0.0689	0.0854
31.7	0.5723	0.5392	0.0350	0.5340	0.0749	0.0051	0.1508	0.0677
31.8	0.5977	0.5259	0.0242	0.5758	0.0304	0.0092	0.1464	0.1043
31.9	0.5322	0.5064	0.0052	0.5461	0.0199	0.0356	0.0807	0.0925
32.0	0.4034	0.4361	0.0231	0.4177	0.0783	0.0026	0.1178	0.0054
32.1	0.3821	0.5638	0.0519	0.5874	0.0400	0.0225	0.1312	0.0359
32.2	0.4658	0.6152	0.0643	0.6320	0.0506	0.0152	0.1349	0.0407
32.3	0.4916	0.6326	0.1326	0.6895	0.0602	0.0164	0.1325	0.0331
32.4	0.4306	0.6336	0.2321	0.6639	0.0894	0.0059	0.1404	0.0071
32.5	0.4396	0.5971	0.2474	0.6555	0.0445	0.0227	0.1130	0.0655
32.6	0.3603	0.6423	0.1358	0.6342	0.1139	0.0299	0.1895	0.1000
32.7	0.2458	0.6105	0.1757	0.6720	0.0280	0.0269	0.0549	0.0258
32.8	0.2963	0.6978	0.2709	0.7630	0.1214	0.1562	0.0438	0.0410
32.9	0.2734	0.7497	0.3068	0.7736	0.1226	0.0841	0.0461	0.0375
33.0	0.4089	0.6623	0.2085	0.6959	0.0105	0.0602	0.0030	0.0619
33.1	0.4672	0.6872	0.2421	0.6939	0.0568	0.0518	0.0060	0.0213
33.2	0.4643	0.6376	0.3014	0.6637	0.0293	0.0266	0.0189	0.0242
33.3	0.4101	0.7057	0.2847	0.7296	0.0033	0.0341	0.0590	0.0424
33.4	0.4620	0.7899	0.3491	0.7670	0.0595	0.0103	0.0475	0.1119
33.5	0.5963	0.8668	0.4507	0.8294	0.0676	0.0180	0.1363	0.1437
33.6	0.5215	0.8244	0.3988	0.7750	0.0233	0.0776	0.1241	0.0756
33.7	0.4040	0.7814	0.3689	0.7565	0.0549	0.1046	0.0857	0.0286

33.8	0.5633	0.7589	0.4137	0.7574	0.0460	0.0327	0.1002	0.0798
33.9	0.5997	0.7685	0.4484	0.7428	0.0252	0.0353	0.1957	0.0842
34.0	0.5460	0.8363	0.4483	0.7765	0.0011	0.1137	0.2087	0.0443
34.1	0.5737	0.8287	0.4764	0.7978	0.0175	0.1852	0.1948	0.0073
34.2	0.5573	0.8059	0.5234	0.7740	0.0271	0.1088	0.1523	0.0145
34.3	0.5760	0.8239	0.5253	0.7674	0.0065	0.0296	0.1107	0.0187
34.4	0.5876	0.8367	0.5651	0.8155	0.0270	0.0493	0.1221	0.0219
34.5	0.6984	0.8510	0.5825	0.8459	0.0145	0.0860	0.1862	0.0411
34.6	0.6959	0.8664	0.6653	0.8603	0.0553	0.0117	0.1770	0.1301
34.7	0.7250	0.8420	0.6006	0.8311	0.1326	0.0293	0.1594	0.1580
34.8	0.6710	0.7656	0.5143	0.7423	0.0519	0.0026	0.0129	0.0607
34.9	0.6414	0.7917	0.6374	0.7632	0.0735	0.0184	0.0257	0.0659
35.0	0.7587	0.8122	0.6801	0.8144	0.0698	0.0162	0.0465	0.0819
35.1	0.7788	0.8567	0.5424	0.8198	0.0958	0.0457	0.0268	0.0693
35.2	0.8499	0.8718	0.4982	0.8541	0.1912	0.0021	0.0767	0.2002
35.3	0.8495	0.8183	0.5488	0.7944	0.1820	0.0169	0.0228	0.1570
35.4	0.7450	0.7540	0.5268	0.7328	0.0691	0.0186	0.0075	0.0728
35.5	0.7864	0.7528	0.6004	0.7338	0.0768	0.0172	0.0524	0.1150
35.6	0.8443	0.7143	0.6353	0.7352	0.0215	0.0180	0.1403	0.2085
35.7	0.8855	0.7686	0.6379	0.7603	0.1236	0.0540	0.1879	0.4136
35.8	0.8692	0.8329	0.6611	0.8188	0.0981	0.0213	0.1556	0.3211
35.9	0.8715	0.7857	0.6268	0.7672	0.1625	0.0383	0.1562	0.3300
36.0	0.8763	0.8208	0.5899	0.7947	0.1032	0.0655	0.2694	0.3249
36.1	0.8721	0.8057	0.6076	0.7870	0.0590	0.0528	0.2297	0.2286
36.2	0.9030	0.8406	0.6229	0.7963	0.0740	0.0578	0.2711	0.2685
36.3	0.8609	0.7933	0.5462	0.7265	0.0139	0.0091	0.1223	0.1364
36.4	0.8262	0.8175	0.4525	0.7654	0.1815	0.0604	0.1030	0.3025
36.5	0.8137	0.8292	0.4800	0.8126	0.0843	0.0440	0.1065	0.1944
36.6	0.8503	0.8315	0.6550	0.8233	0.0081	0.0080	0.0932	0.0754
36.7	0.8709	0.8491	0.6979	0.8319	0.0088	0.0845	0.1750	0.0994
36.8	0.8693	0.8345	0.6755	0.8289	0.0630	0.2134	0.2246	0.2247
36.9	0.8454	0.7976	0.7402	0.7923	0.1294	0.2185	0.1082	0.3521
37.0	0.8334	0.7542	0.7216	0.7536	0.1606	0.1994	0.1044	0.3471
37.1	0.8373	0.7354	0.7226	0.7798	0.0864	0.2062	0.1890	0.2531
37.2	0.8661	0.7502	0.7224	0.7889	0.0951	0.2958	0.2362	0.2807
37.3	0.7877	0.6651	0.6299	0.7098	0.0934	0.2729	0.2279	0.3289
37.4	0.7262	0.4745	0.5424	0.4602	0.0335	0.1842	0.1733	0.3112
37.5	0.7792	0.5873	0.6852	0.6267	0.0549	0.1963	0.1129	0.4657
37.6	0.8376	0.6161	0.7109	0.7162	0.0593	0.0641	0.0537	0.4493
37.7	0.8543	0.4681	0.7065	0.5840	0.0583	0.0533	0.0557	0.4849
37.8	0.8554	0.3477	0.7630	0.5074	0.0636	0.1014	0.1001	0.4448
37.9	0.8789	0.3368	0.7238	0.4022	0.0373	0.3155	0.4022	0.4776
38.0	0.8700	0.4635	0.7324	0.1585	0.0858	0.4662	0.4048	0.5435
38.1	0.8951	0.4609	0.7241	0.4340	0.1532	0.5930	0.3348	0.5917
38.2	0.9002	0.4450	0.6336	0.5494	0.1770	0.6454	0.5169	0.5810
38.3	0.8785	0.4682	0.6997	0.6401	0.1432	0.6465	0.5415	0.6154
38.4	0.9120	0.5255	0.8249	0.7024	0.1916	0.7121	0.5663	0.6119
38.5	0.9248	0.4093	0.8349	0.6862	0.1478	0.6552	0.4820	0.5621
38.6	0.9232	0.2712	0.8312	0.6190	0.1476	0.6782	0.3546	0.3562
38.7	0.9172	0.2245	0.7808	0.5761	0.1573	0.6148	0.3002	0.2952
38.8	0.9322	0.3298	0.8122	0.6463	0.2513	0.5780	0.1682	0.4954
38.9	0.9348	0.2840	0.7717	0.5956	0.1146	0.5897	0.1219	0.3932
39.0	0.9326	0.3065	0.7314	0.5639	0.0975	0.5878	0.1914	0.2188
39.1	0.9355	0.3587	0.7155	0.5538	0.1032	0.4937	0.1673	0.2432
39.2	0.9306	0.4341	0.6751	0.5504	0.1474	0.5079	0.2668	0.2418
39.3	0.9327	0.4468	0.7371	0.5582	0.1834	0.5017	0.3434	0.2824
39.4	0.9412	0.4973	0.7891	0.6103	0.3207	0.5221	0.4706	0.3229
39.5	0.9330	0.4947	0.8224	0.6342	0.1776	0.4668	0.4398	0.4539
39.6	0.9457	0.5469	0.7467	0.6851	0.1164	0.4729	0.4700	0.4443
39.7	0.9597	0.5015	0.7768	0.6531	0.0525	0.4193	0.4874	0.3979
39.8	0.9495	0.4819	0.8126	0.6315	0.1181	0.4244	0.4573	0.3647
39.9	0.9495	0.5233	0.8043	0.6729	0.0620	0.3688	0.5301	0.4869
40.0	0.9569	0.6023	0.8275	0.7402	0.0785	0.3739	0.5614	0.4731
40.1	0.9530	0.5821	0.7758	0.7206	0.1885	0.4523	0.6377	0.5498
40.2	0.9243	0.4462	0.7079	0.6410	0.1852	0.4109	0.6315	0.5872
40.3	0.9244	0.4941	0.7765	0.6471	0.1076	0.4172	0.5671	0.5277
40.4	0.9249	0.4341	0.7458	0.6298	0.0984	0.4225	0.5245	0.5061
40.5	0.9006	0.5208	0.6786	0.6688	0.0693	0.5335	0.6104	0.6093
40.6	0.9075	0.5670	0.7578	0.6823	0.0367	0.6158	0.6757	0.6450
40.7	0.8851	0.5970	0.6821	0.6773	0.0647	0.5242	0.6870	0.5646
40.8	0.8486	0.5796	0.6674	0.7104	0.1488	0.4336	0.7310	0.6074
40.9	0.8867	0.5062	0.7230	0.6541	0.1216	0.4587	0.7036	0.5734
41.0	0.8973	0.5526	0.7160	0.7184	0.1857	0.5260	0.7274	0.5105
41.1	0.8652	0.5806	0.6300	0.7375	0.3128	0.5446	0.7512	0.6088
41.2	0.8573	0.5555	0.5723	0.7146	0.3428	0.4885	0.7913	0.6298
41.3	0.8765	0.5161	0.6216	0.6971	0.3354	0.5539	0.7069	0.6327
41.4	0.8392	0.5021	0.5519	0.6295	0.2619	0.6270	0.6012	0.6051
41.5	0.7510	0.4408	0.4298	0.5384	0.1794	0.5033	0.5375	0.4438
41.6	0.7438	0.4468	0.3705	0.5506	0.2574	0.5923	0.6516	0.5239
41.7	0.7652	0.5554	0.3649	0.6594	0.2702	0.6061	0.7048	0.5217
41.8	0.7861	0.5790	0.3826	0.6685	0.2762	0.5328	0.7210	0.5304
41.9	0.7731	0.5767	0.3453	0.6611	0.3413	0.6099	0.7066	0.5312
42.0	0.7419	0.4950	0.3393	0.5872	0.4169	0.6028	0.6644	0.4149
42.1	0.8022	0.5130	0.5018	0.6025	0.4768	0.6627	0.7079	0.3685
42.2	0.7982	0.5060	0.4569	0.6058	0.4531	0.6485	0.7613	0.4602
42.3	0.7846	0.4171	0.4380	0.5564	0.4000	0.6708	0.7528	0.4648

42.4	0.7498	0.3982	0.3004	0.5132	0.3310	0.5786	0.6641	0.3455
42.5	0.7570	0.4432	0.3270	0.5454	0.3832	0.4774	0.6408	0.3945
42.6	0.6717	0.4054	0.1194	0.5122	0.3400	0.5040	0.5472	0.3702
42.7	0.7716	0.3656	0.3457	0.5013	0.4508	0.4995	0.5673	0.3156
42.8	0.7580	0.3692	0.3803	0.4949	0.4395	0.4927	0.5346	0.3102
42.9	0.7854	0.4605	0.2554	0.5847	0.3781	0.4895	0.5873	0.3604
43.0	0.8446	0.2753	0.3575	0.4600	0.3178	0.3748	0.4713	0.2570
43.1	0.7934	0.1307	0.2436	0.4011	0.2905	0.2356	0.4529	0.2858
43.2	0.7644	0.1463	0.2217	0.3414	0.2023	0.1928	0.3039	0.1720
43.3	0.7840	0.1939	0.3724	0.3932	0.2473	0.3414	0.2463	0.1252
43.4	0.8451	0.1843	0.5585	0.3431	0.2864	0.3662	0.2176	0.1610
43.5	0.9051	0.2997	0.6191	0.5041	0.3915	0.3591	0.4469	0.3372
43.6	0.9365	0.2836	0.6495	0.5698	0.4697	0.3559	0.5910	0.3065
43.7	0.9447	0.1551	0.6285	0.5122	0.4311	0.5209	0.4768	0.1012
43.8	0.9413	0.0593	0.6686	0.4069	0.3704	0.6091	0.3536	0.1558
43.9	0.9286	0.1533	0.6400	0.4145	0.3981	0.6334	0.3485	0.1380
44.0	0.9370	0.2277	0.6970	0.4259	0.4425	0.6169	0.4551	0.2236
44.1	0.9303	0.2759	0.7486	0.5925	0.4800	0.5504	0.5705	0.2520
44.2	0.9400	0.2917	0.8402	0.6403	0.5001	0.6790	0.5370	0.1220
44.3	0.9258	0.2241	0.8307	0.6108	0.4811	0.6329	0.5569	0.1833
44.4	0.9196	0.1816	0.6902	0.4836	0.4349	0.5684	0.4383	0.0904
44.5	0.9093	0.1945	0.5829	0.4573	0.3343	0.5523	0.3834	0.1347
44.6	0.9237	0.2523	0.6777	0.5928	0.3388	0.6713	0.4189	0.2017
44.7	0.9284	0.1790	0.7012	0.5723	0.3904	0.7562	0.4142	0.3098
44.8	0.9320	0.0842	0.6712	0.4346	0.3488	0.6726	0.2704	0.3802
44.9	0.9247	0.1550	0.7915	0.4262	0.3792	0.5269	0.3192	0.4216
45.0	0.9385	0.3100	0.8223	0.3950	0.4065	0.6333	0.4926	0.4162
45.1	0.9382	0.2280	0.8760	0.3351	0.4034	0.7560	0.5349	0.3393
45.2	0.9271	0.2870	0.8263	0.5011	0.4250	0.7341	0.6606	0.3543
45.3	0.9341	0.2787	0.7232	0.4725	0.3768	0.7364	0.6193	0.5110
45.4	0.9036	0.2489	0.5544	0.4017	0.3496	0.6868	0.5386	0.5110
45.5	0.9074	0.2689	0.6055	0.5425	0.5346	0.6540	0.5595	0.5530
45.6	0.9241	0.3447	0.7898	0.5826	0.5746	0.7546	0.5946	0.4825
45.7	0.9412	0.3881	0.8633	0.5668	0.5909	0.7711	0.5629	0.4658
45.8	0.9487	0.3775	0.8834	0.6440	0.6750	0.8286	0.6314	0.5158
45.9	0.9376	0.2693	0.8731	0.5886	0.6836	0.8724	0.6119	0.3751
46.0	0.9219	0.2890	0.8682	0.5946	0.7324	0.8437	0.6399	0.3392
46.1	0.9364	0.2646	0.8748	0.6264	0.7469	0.8135	0.5815	0.5649
46.2	0.9375	0.2238	0.7780	0.6202	0.6675	0.7864	0.6371	0.5808
46.3	0.9385	0.2847	0.7955	0.6825	0.6941	0.6266	0.7337	0.6960
46.4	0.9275	0.2557	0.7897	0.6881	0.7590	0.3099	0.7149	0.7376
46.5	0.9349	0.4495	0.7957	0.7422	0.8577	0.2677	0.7537	0.7785
46.6	0.9137	0.3871	0.7631	0.6969	0.8362	0.2086	0.7874	0.6904
46.7	0.9061	0.3008	0.6263	0.5513	0.7125	0.1089	0.7320	0.5852
46.8	0.9415	0.4605	0.7900	0.5225	0.7682	0.4577	0.8292	0.7475
46.9	0.9415	0.4783	0.8655	0.5271	0.8276	0.6134	0.8529	0.8089
47.0	0.9258	0.2992	0.7900	0.4927	0.8271	0.5512	0.7520	0.7535
47.1	0.8755	0.2172	0.5744	0.4633	0.8149	0.4397	0.7161	0.5235
47.2	0.8990	0.2044	0.7624	0.4764	0.8259	0.5852	0.7943	0.5204
47.3	0.9154	0.2908	0.8313	0.6395	0.8327	0.6335	0.8311	0.5930
47.4	0.9601	0.4361	0.8914	0.7331	0.8993	0.7584	0.8929	0.7756
47.5	0.9665	0.4134	0.8864	0.6994	0.9041	0.7215	0.9020	0.7920
47.6	0.9252	0.3591	0.8374	0.6651	0.8741	0.6265	0.8378	0.6973
47.7	0.9325	0.2759	0.8464	0.4924	0.8260	0.7171	0.8649	0.6067
47.8	0.9181	0.3836	0.8444	0.5804	0.8341	0.8048	0.8782	0.5253
47.9	0.9053	0.3382	0.8364	0.5728	0.8227	0.7552	0.8425	0.5678
48.0	0.9102	0.2937	0.8297	0.5526	0.7860	0.6969	0.8368	0.6693
48.1	0.8545	0.3299	0.7435	0.4780	0.7243	0.4642	0.8584	0.7137
48.2	0.8523	0.3447	0.7223	0.4413	0.7364	0.5850	0.8244	0.7261
48.3	0.8700	0.3641	0.7522	0.5367	0.7522	0.5479	0.7826	0.7233
48.4	0.8206	0.3380	0.7075	0.4948	0.7751	0.5189	0.7814	0.6561
48.5	0.8791	0.3221	0.7869	0.5086	0.8589	0.7424	0.7934	0.7221
48.6	0.8369	0.3250	0.7983	0.4831	0.8523	0.6966	0.7549	0.7182
48.7	0.8205	0.2275	0.7218	0.3725	0.8110	0.6545	0.7021	0.6771
48.8	0.8475	0.3341	0.8241	0.4441	0.8443	0.7892	0.6989	0.6997
48.9	0.8841	0.3353	0.8289	0.4887	0.8447	0.7703	0.6783	0.7087
49.0	0.8421	0.1551	0.7718	0.3538	0.8331	0.7878	0.5575	0.6363
49.1	0.7824	0.1645	0.7215	0.4102	0.8667	0.6970	0.5315	0.5992
49.2	0.7083	0.1740	0.6524	0.2761	0.8540	0.7148	0.5435	0.6866
49.3	0.7451	0.2221	0.7002	0.1884	0.8643	0.8480	0.4689	0.7211
49.4	0.7341	0.2310	0.7183	0.2824	0.7854	0.7935	0.3301	0.6969
49.5	0.7532	0.1515	0.7042	0.3310	0.7794	0.7116	0.3682	0.7048
49.6	0.7951	0.1382	0.5898	0.2012	0.7805	0.7840	0.4875	0.7319
49.7	0.7428	0.1424	0.6238	0.2538	0.7692	0.8020	0.3891	0.7235
49.8	0.7817	0.1596	0.7670	0.4198	0.7666	0.8460	0.2980	0.7840
49.9	0.7672	0.2369	0.7269	0.4412	0.7723	0.7413	0.1559	0.7547
50.0	0.6544	0.1913	0.6415	0.2999	0.7540	0.7545	0.1505	0.7235
50.1	0.7580	0.2164	0.7408	0.3374	0.7521	0.8210	0.1371	0.7943
50.2	0.8418	0.2088	0.8599	0.4827	0.7159	0.8644	0.0584	0.8330
50.3	0.8540	0.1811	0.8683	0.4109	0.7013	0.8582	0.0572	0.8296
50.4	0.8071	0.2066	0.7923	0.2840	0.6857	0.7347	0.0460	0.7232
50.5	0.8120	0.1720	0.8268	0.4534	0.6655	0.7457	0.0387	0.7717
50.6	0.8221	0.3063	0.8330	0.6282	0.6860	0.7718	0.0304	0.7674
50.7	0.8220	0.1940	0.8360	0.5676	0.6463	0.7941	0.1430	0.7812
50.8	0.8227	0.1912	0.8553	0.6538	0.6036	0.5507	0.1420	0.7472
50.9	0.8588	0.0943	0.8832	0.6082	0.5865	0.4765	0.1938	0.7182

51.0	0.8630	0.1497	0.8658	0.5296	0.6806	0.5862	0.3746	0.7088
51.1	0.8729	0.1702	0.8568	0.5933	0.6949	0.5170	0.1665	0.7125
51.2	0.8463	0.1670	0.8535	0.6326	0.7026	0.2811	0.2437	0.5024
51.3	0.8237	0.0800	0.8817	0.6493	0.8410	0.6961	0.6567	0.6040
51.4	0.7609	0.0504	0.7767	0.3846	0.8205	0.8261	0.6340	0.6934
51.5	0.7667	0.1160	0.8541	0.2520	0.7536	0.8595	0.6456	0.7907
51.6	0.8772	0.2146	0.9052	0.3598	0.6809	0.8949	0.6168	0.8486
51.7	0.9078	0.1695	0.9250	0.5005	0.6759	0.8369	0.5372	0.8043
51.8	0.9111	0.0510	0.8975	0.5292	0.6600	0.7147	0.5703	0.8231
51.9	0.9268	0.1111	0.8869	0.3872	0.6045	0.7221	0.4862	0.7724
52.0	0.9067	0.1419	0.8911	0.5019	0.7102	0.7426	0.5736	0.7565
52.1	0.9310	0.2191	0.9239	0.7000	0.8247	0.7351	0.7133	0.7624
52.2	0.9326	0.1942	0.9138	0.5836	0.7733	0.7805	0.6405	0.6341
52.3	0.9372	0.2694	0.8969	0.5836	0.7729	0.7861	0.6249	0.6571
52.4	0.9407	0.2064	0.8674	0.4851	0.7390	0.7761	0.5067	0.6654
52.5	0.9311	0.1087	0.8777	0.2950	0.6023	0.7665	0.3793	0.5088
52.6	0.9404	0.1169	0.8751	0.3208	0.7472	0.7624	0.4060	0.5615
52.7	0.8968	0.2164	0.8547	0.3256	0.7525	0.7990	0.4772	0.6650
52.8	0.9025	0.2888	0.8365	0.2969	0.7469	0.8816	0.5794	0.7694
52.9	0.9316	0.2099	0.8707	0.3316	0.6941	0.8765	0.5181	0.7847
53.0	0.9486	0.2164	0.9273	0.2742	0.6815	0.8787	0.3150	0.7966
53.1	0.9424	0.1053	0.9037	0.1975	0.5453	0.8445	0.1222	0.7526
53.2	0.9519	0.1926	0.9052	0.2939	0.4601	0.8738	0.0480	0.7722
53.3	0.9514	0.2899	0.9096	0.3636	0.4573	0.8456	0.0141	0.7474
53.4	0.9482	0.2739	0.8938	0.3147	0.4287	0.8413	0.0092	0.6324
53.5	0.9546	0.2313	0.8566	0.2122	0.5704	0.8843	0.0168	0.6787
53.6	0.9561	0.1697	0.8583	0.1627	0.5115	0.9145	0.0508	0.7537
53.7	0.9591	0.2503	0.8935	0.3002	0.3184	0.9512	0.2123	0.8104
53.8	0.9587	0.2539	0.8953	0.1473	0.0925	0.9420	0.3616	0.8247
53.9	0.9523	0.1820	0.9043	0.1217	0.0789	0.9335	0.2939	0.7365
54.0	0.9530	0.2284	0.8768	0.2488	0.2534	0.9379	0.3194	0.5961
54.1	0.9385	0.2261	0.8651	0.1814	0.2696	0.9376	0.4584	0.7162
54.2	0.9597	0.2958	0.8963	0.1515	0.3156	0.9554	0.6462	0.7792
54.3	0.9684	0.4624	0.9138	0.1543	0.3852	0.9634	0.7407	0.8289
54.4	0.9742	0.3878	0.9329	0.1212	0.5370	0.9646	0.6769	0.7870
54.5	0.9644	0.3069	0.9344	0.1214	0.6640	0.9607	0.6697	0.7385
54.6	0.9518	0.2920	0.9029	0.0104	0.5303	0.9584	0.7086	0.7479
54.7	0.9568	0.2776	0.8824	0.0163	0.4571	0.9567	0.7211	0.7859
54.8	0.9653	0.1542	0.8902	0.0237	0.5104	0.9616	0.7514	0.8355
54.9	0.9741	0.1521	0.9254	0.0405	0.4947	0.9634	0.8244	0.8380
55.0	0.9740	0.2713	0.9350	0.0328	0.5979	0.9665	0.8463	0.8321
55.1	0.9634	0.2265	0.9341	0.0605	0.5414	0.9613	0.7698	0.7917
55.2	0.9531	0.0781	0.9119	0.1320	0.3962	0.9379	0.6622	0.7338
55.3	0.9535	0.1023	0.9192	0.2252	0.3195	0.9317	0.6843	0.7304
55.4	0.9510	0.1614	0.9056	0.1635	0.3628	0.9221	0.5543	0.5909
55.5	0.9487	0.2103	0.9086	0.0437	0.4509	0.9320	0.6190	0.6451
55.6	0.9466	0.2317	0.8907	0.0102	0.5479	0.9305	0.5314	0.6449
55.7	0.9485	0.1496	0.9218	0.1111	0.6899	0.9239	0.5335	0.6703
55.8	0.9525	0.1117	0.9281	0.2355	0.6588	0.9200	0.5817	0.6378
55.9	0.9421	0.0855	0.9223	0.1061	0.7253	0.8974	0.5398	0.3763
56.0	0.9260	0.0820	0.8911	0.0650	0.7542	0.8419	0.4486	0.5322
56.1	0.9371	0.1378	0.9018	0.0785	0.7271	0.8508	0.5845	0.7242
56.2	0.9571	0.3256	0.9446	0.0904	0.7803	0.9185	0.5980	0.7558
56.3	0.9616	0.3369	0.9426	0.1304	0.7853	0.9323	0.6262	0.7232
56.4	0.9585	0.1764	0.9244	0.1177	0.7734	0.9317	0.5378	0.5928
56.5	0.9611	0.1583	0.9263	0.2474	0.7886	0.9285	0.5630	0.5922
56.6	0.9631	0.2690	0.9168	0.2061	0.8067	0.9257	0.7090	0.6171
56.7	0.9548	0.2260	0.8987	0.0810	0.8336	0.9090	0.7406	0.5396
56.8	0.9421	0.1171	0.9068	0.0252	0.7909	0.8660	0.6727	0.4427
56.9	0.9600	0.2311	0.9304	0.1070	0.8291	0.9052	0.6429	0.6056
57.0	0.9410	0.3545	0.9453	0.0951	0.8638	0.8962	0.6438	0.6343
57.1	0.9167	0.2461	0.9208	0.1036	0.8136	0.8268	0.5465	0.6518
57.2	0.9132	0.1847	0.9183	0.0923	0.7812	0.8117	0.6937	0.6975
57.3	0.9016	0.1226	0.8963	0.1391	0.7627	0.8315	0.6524	0.6602
57.4	0.9095	0.1623	0.9093	0.1248	0.7167	0.8093	0.6655	0.6331
57.5	0.9406	0.1896	0.9304	0.0811	0.7628	0.8835	0.7340	0.6144
57.6	0.9475	0.1867	0.9412	0.1102	0.8210	0.9168	0.7116	0.6314
57.7	0.9364	0.2570	0.9191	0.1269	0.8064	0.8516	0.6912	0.4729
57.8	0.9297	0.1761	0.8911	0.2519	0.8259	0.8563	0.7676	0.5300
57.9	0.9457	0.2052	0.9201	0.2490	0.8951	0.8275	0.8064	0.5777
58.0	0.9283	0.2091	0.9343	0.1460	0.8724	0.7675	0.7522	0.5449
58.1	0.8797	0.0825	0.9141	0.1650	0.8021	0.7112	0.6651	0.5553
58.2	0.8438	0.0709	0.8936	0.1121	0.7849	0.6306	0.6290	0.6756
58.3	0.8851	0.1015	0.9179	0.2311	0.8239	0.6034	0.7154	0.7230
58.4	0.8987	0.0396	0.9213	0.1420	0.8239	0.5259	0.7817	0.7796
58.5	0.8954	0.0853	0.9291	0.1233	0.8253	0.4899	0.7301	0.7959
58.6	0.8788	0.1600	0.9292	0.2005	0.8217	0.3885	0.7171	0.7185
58.7	0.8463	0.1153	0.8946	0.1150	0.7198	0.3323	0.6823	0.6439
58.8	0.9016	0.1084	0.9314	0.1549	0.7202	0.4094	0.7171	0.7344
58.9	0.9165	0.2384	0.9301	0.1852	0.8285	0.5332	0.7031	0.7607
59.0	0.9139	0.2759	0.9249	0.1833	0.3402	0.3282	0.4683	0.3988
59.1	0.9083	0.1707	0.9271	0.1089	0.2278	0.2772	0.3971	0.2692
59.2	0.8981	0.1915	0.9296	0.1252	0.6754	0.3051	0.6420	0.4217
59.3	0.9022	0.3218	0.9421	0.1799	0.8673	0.2039	0.6089	0.3202
59.4	0.9006	0.3049	0.9351	0.0626	0.8411	0.0374	0.4615	0.1175
59.5	0.8781	0.2521	0.9173	0.0396	0.8477	0.2371	0.3662	0.0293

59.6	0.8600	0.2630	0.9207	0.0489	0.8632	0.1783	0.4417	0.1020
59.7	0.8900	0.2285	0.9348	0.0992	0.8922	0.3628	0.4542	0.1834
59.8	0.8821	0.0832	0.9016	0.0281	0.6291	0.3870	0.1577	0.1309
59.9	0.8685	0.0015	0.0084	0.0828	0.4622	0.3795	0.0808	0.1619
60.0	0.8418	0.0045	0.0143	0.1537	0.7267	0.4111	0.3511	0.1688
60.1	0.8943	0.0048	0.0313	0.2860	0.8623	0.5877	0.5947	0.2723
60.2	0.9456	0.2238	0.9420	0.3995	0.9173	0.7586	0.6396	0.3633
60.3	0.9093	0.2297	0.9522	0.3625	0.8956	0.7976	0.6275	0.2243
60.4	0.9014	0.2910	0.9599	0.3793	0.9034	0.8006	0.5878	0.0974
60.5	0.9046	0.3190	0.9398	0.4632	0.8893	0.7214	0.5525	0.0753
60.6	0.8942	0.1626	0.9402	0.6109	0.8809	0.7460	0.6084	0.2271
60.7	0.9081	0.1512	0.9405	0.6952	0.8690	0.8241	0.7501	0.5333
60.8	0.9288	0.2026	0.9488	0.6870	0.8823	0.8555	0.6514	0.6141
60.9	0.9013	0.1073	0.9287	0.5309	0.8474	0.8142	0.5141	0.5549
61.0	0.8874	0.0529	0.9233	0.5366	0.8798	0.8130	0.3961	0.4635
61.1	0.8900	0.1486	0.9367	0.5850	0.9108	0.8641	0.4788	0.4345
61.2	0.9047	0.1089	0.9387	0.6587	0.9273	0.8796	0.5135	0.4828
61.3	0.9113	0.0406	0.9399	0.6298	0.9193	0.8837	0.5272	0.5676
61.4	0.9211	0.0738	0.9485	0.6943	0.9332	0.8863	0.5772	0.7223
61.5	0.9140	0.0931	0.9597	0.6963	0.9441	0.9007	0.5970	0.7966
61.6	0.9201	0.0997	0.9595	0.7888	0.9398	0.9120	0.5504	0.8067
61.7	0.9005	0.1025	0.9443	0.7197	0.9380	0.9228	0.5122	0.8154
61.8	0.9016	0.1784	0.9464	0.7214	0.9379	0.9289	0.5186	0.8310
61.9	0.9120	0.1514	0.9484	0.6536	0.9423	0.9064	0.4699	0.8469
62.0	0.9202	0.2362	0.9566	0.6995	0.9416	0.9188	0.5365	0.8781
62.1	0.9238	0.2128	0.9610	0.7501	0.9524	0.9522	0.4651	0.8861
62.2	0.9225	0.2220	0.9619	0.7472	0.9598	0.9504	0.3506	0.8905
62.3	0.9251	0.3204	0.9589	0.7233	0.9669	0.9574	0.3905	0.9093
62.4	0.8782	0.2247	0.9481	0.6047	0.9470	0.9451	0.3174	0.8558
62.5	0.8935	0.1515	0.9452	0.6867	0.9487	0.9508	0.4145	0.8691
62.6	0.9214	0.2586	0.9561	0.7574	0.9632	0.9522	0.4893	0.8815
62.7	0.9142	0.3109	0.9528	0.7568	0.9655	0.9552	0.5275	0.8547
62.8	0.9045	0.2949	0.9552	0.7450	0.9679	0.9461	0.5945	0.8630
62.9	0.9374	0.4659	0.9597	0.7718	0.9655	0.9590	0.6370	0.8509
63.0	0.9189	0.4543	0.9636	0.7209	0.9649	0.9506	0.6095	0.8192
63.1	0.9104	0.3343	0.9628	0.7353	0.9670	0.9445	0.7083	0.8574
63.2	0.9032	0.4465	0.9550	0.6593	0.9581	0.9341	0.7483	0.8614
63.3	0.9316	0.5490	0.9684	0.7254	0.9716	0.9594	0.8127	0.8972
63.4	0.9441	0.5437	0.9688	0.7321	0.9692	0.9604	0.8188	0.8942
63.5	0.9442	0.4963	0.9770	0.6889	0.9754	0.9691	0.8391	0.9121
63.6	0.9409	0.4778	0.9728	0.6580	0.9696	0.9591	0.8230	0.8844
63.7	0.9432	0.4082	0.9689	0.6216	0.9583	0.9629	0.8648	0.8967
63.8	0.9343	0.3706	0.9733	0.6051	0.9628	0.9709	0.8898	0.9188
63.9	0.9310	0.3400	0.9776	0.5973	0.9640	0.9610	0.8790	0.8934
64.0	0.9269	0.3366	0.9768	0.5734	0.9641	0.9686	0.9084	0.9125
64.1	0.9133	0.3011	0.9647	0.4409	0.9431	0.9595	0.8881	0.8988
64.2	0.8942	0.3182	0.9592	0.2725	0.9389	0.9295	0.8698	0.8515
64.3	0.9299	0.3337	0.9659	0.3620	0.9523	0.9281	0.8905	0.8637
64.4	0.9332	0.3909	0.9737	0.3918	0.9397	0.9462	0.9255	0.9040
64.5	0.9352	0.3111	0.9755	0.4737	0.9555	0.9617	0.9505	0.9323
64.6	0.9445	0.1764	0.9702	0.4925	0.9471	0.9564	0.9485	0.9269
64.7	0.9297	0.1496	0.9737	0.4947	0.9391	0.9495	0.9468	0.9250
64.8	0.9368	0.2052	0.9785	0.5801	0.9536	0.9646	0.9587	0.9301
64.9	0.9368	0.2063	0.9768	0.5447	0.9520	0.9669	0.9488	0.9252
65.0	0.9241	0.1651	0.9641	0.4612	0.9276	0.9586	0.9396	0.9089
65.1	0.9357	0.2299	0.9706	0.4138	0.9583	0.9683	0.9604	0.9392
65.2	0.9526	0.0634	0.9777	0.4743	0.9677	0.9709	0.9676	0.9435
65.3	0.9534	0.0338	0.9763	0.5984	0.9747	0.9678	0.9708	0.9402
65.4	0.9381	0.1090	0.9704	0.7084	0.9640	0.9683	0.9643	0.9229
65.5	0.9385	0.0572	0.9755	0.6542	0.9665	0.9689	0.9611	0.9025
65.6	0.9443	0.0057	0.9845	0.7398	0.9756	0.9645	0.9645	0.9154
65.7	0.9502	0.0349	0.9818	0.7858	0.9726	0.9486	0.9663	0.9175
65.8	0.9503	0.0254	0.9759	0.7687	0.9727	0.9374	0.9633	0.9162
65.9	0.9553	0.0054	0.9815	0.8106	0.9782	0.9432	0.9713	0.9232
66.0	0.9594	0.0502	0.9790	0.8040	0.9730	0.9330	0.9619	0.9192
66.1	0.9595	0.0630	0.9830	0.8245	0.9832	0.9327	0.9725	0.9239
66.2	0.9561	0.0640	0.9820	0.8042	0.9815	0.9413	0.9656	0.8970
66.3	0.9577	0.0043	0.9835	0.7727	0.9805	0.9478	0.9665	0.8835
66.4	0.9626	0.0361	0.9834	0.7444	0.9860	0.9615	0.9739	0.8980
66.5	0.9635	0.0602	0.9811	0.7419	0.9821	0.9644	0.9726	0.9018
66.6	0.9638	0.0663	0.9821	0.7590	0.9825	0.9648	0.9728	0.9035
66.7	0.9512	0.1014	0.9794	0.6688	0.9803	0.9532	0.9621	0.8578
66.8	0.9534	0.2374	0.9754	0.6762	0.9799	0.9637	0.9696	0.8679
66.9	0.9561	0.2066	0.9785	0.7465	0.9803	0.9689	0.9700	0.8603
67.0	0.9583	0.1591	0.9822	0.7530	0.9796	0.9583	0.9619	0.7605
67.1	0.9554	0.1253	0.9809	0.7435	0.9797	0.9623	0.9640	0.6940
67.2	0.9617	0.2457	0.9822	0.7083	0.9811	0.9680	0.9624	0.5712
67.3	0.9544	0.2649	0.9776	0.6207	0.9718	0.9549	0.9467	0.4266
67.4	0.9553	0.2095	0.9782	0.6344	0.9804	0.9473	0.9563	0.3486
67.5	0.9752	0.3251	0.9883	0.7635	0.9877	0.9631	0.9668	0.6731
67.6	0.9713	0.3038	0.9834	0.6655	0.9795	0.9529	0.9452	0.7790
67.7	0.9659	0.3320	0.9768	0.6221	0.9811	0.9498	0.9483	0.8316
67.8	0.9697	0.4658	0.9829	0.6574	0.9841	0.9476	0.9539	0.9032
67.9	0.9639	0.4520	0.9812	0.6748	0.9783	0.9302	0.9463	0.9010
68.0	0.9614	0.4342	0.9778	0.7099	0.9768	0.9173	0.9400	0.9197
68.1	0.9723	0.4809	0.9827	0.7319	0.9758	0.9375	0.9577	0.9413

68.2	0.9710	0.5246	0.9853	0.6461	0.9776	0.9302	0.9544	0.9391
68.3	0.9695	0.6090	0.9821	0.6630	0.9770	0.9161	0.9510	0.9391
68.4	0.9675	0.6220	0.9793	0.6678	0.9685	0.9113	0.9054	0.9377
68.5	0.9781	0.6918	0.9852	0.7830	0.9749	0.9293	0.9183	0.9458
68.6	0.9835	0.7839	0.9880	0.8679	0.9819	0.9270	0.9210	0.9619
68.7	0.9744	0.7676	0.9831	0.7923	0.9741	0.9158	0.9002	0.9614
68.8	0.9649	0.7416	0.9788	0.7181	0.9696	0.9191	0.9052	0.9425
68.9	0.9769	0.7537	0.9860	0.7908	0.9753	0.9433	0.9171	0.9517
69.0	0.9738	0.7631	0.9846	0.7945	0.9698	0.9427	0.9179	0.9417
69.1	0.9685	0.7583	0.9805	0.7152	0.9686	0.9083	0.9161	0.9225
69.2	0.9774	0.7469	0.9826	0.7677	0.9630	0.8978	0.9014	0.9321
69.3	0.9752	0.7582	0.9868	0.8069	0.9665	0.9037	0.9077	0.9201
69.4	0.9776	0.8246	0.9858	0.8240	0.9723	0.9174	0.9354	0.9234
69.5	0.9775	0.8455	0.9843	0.7883	0.9751	0.9208	0.9417	0.9303
69.6	0.9832	0.8668	0.9870	0.7938	0.9775	0.9424	0.9455	0.9515
69.7	0.9743	0.8575	0.9850	0.7516	0.9733	0.9054	0.9410	0.9488
69.8	0.9653	0.8906	0.9801	0.7136	0.9719	0.8945	0.9522	0.9355
69.9	0.9717	0.7499	0.9800	0.6868	0.9743	0.8653	0.9588	0.9383
70.0	0.9680	0.5173	0.9774	0.6140	0.9797	0.8519	0.9611	0.9595
70.1	0.9676	0.7478	0.9811	0.5550	0.9795	0.8285	0.9670	0.9529
70.2	0.9608	0.8041	0.9807	0.4261	0.9698	0.7166	0.9442	0.9267
70.3	0.9744	0.8536	0.9869	0.3955	0.9731	0.7806	0.9575	0.9461
70.4	0.9679	0.8235	0.9840	0.2955	0.9660	0.7874	0.9685	0.9508
70.5	0.9483	0.7915	0.9743	0.3706	0.9518	0.8496	0.9508	0.9550
70.6	0.9535	0.8132	0.9785	0.4541	0.9710	0.8648	0.9535	0.9493
70.7	0.9483	0.8212	0.9760	0.2996	0.9687	0.8531	0.9492	0.9342
70.8	0.9600	0.8223	0.9771	0.4944	0.9696	0.8654	0.9466	0.9479
70.9	0.9718	0.8442	0.9816	0.6233	0.9752	0.9118	0.9575	0.9560
71.0	0.9625	0.8334	0.9742	0.6225	0.9639	0.8800	0.9444	0.9453
71.1	0.9682	0.8605	0.9782	0.6981	0.9672	0.8897	0.9449	0.9490
71.2	0.9710	0.8261	0.9784	0.7177	0.9654	0.8680	0.9487	0.9437
71.3	0.9648	0.7852	0.9756	0.7377	0.9598	0.8472	0.9398	0.9291
71.4	0.9577	0.7435	0.9731	0.7539	0.9536	0.8455	0.9520	0.9430
71.5	0.9529	0.8058	0.9714	0.7992	0.9523	0.8999	0.9562	0.9565
71.6	0.9578	0.8529	0.9751	0.8046	0.9516	0.9030	0.9454	0.9488
71.7	0.9604	0.8428	0.9766	0.7836	0.9550	0.8899	0.9445	0.9448
71.8	0.9564	0.8081	0.9738	0.6669	0.9525	0.9053	0.9481	0.9267
71.9	0.9596	0.8450	0.9774	0.7619	0.9532	0.9242	0.9573	0.9255
72.0	0.9721	0.8843	0.9847	0.8415	0.9619	0.9374	0.9650	0.9508
72.1	0.9575	0.8119	0.9751	0.7721	0.9287	0.9005	0.9327	0.9253
72.2	0.9363	0.7138	0.9614	0.6910	0.8871	0.8804	0.9051	0.8942
72.3	0.9470	0.7596	0.9717	0.7490	0.9339	0.8889	0.9555	0.9430
72.4	0.9620	0.7663	0.9770	0.8136	0.9528	0.9254	0.9723	0.9431
72.5	0.9526	0.7515	0.9721	0.7827	0.9276	0.9254	0.9421	0.8901
72.6	0.8999	0.5947	0.9460	0.6507	0.8873	0.8674	0.8921	0.8269
72.7	0.9088	0.6945	0.9575	0.7207	0.8993	0.9134	0.9153	0.8561
72.8	0.9039	0.7483	0.9566	0.6781	0.9072	0.9181	0.9253	0.8465
72.9	0.9050	0.7430	0.9589	0.6684	0.8971	0.9220	0.9383	0.8781
73.0	0.9076	0.7471	0.9617	0.7125	0.8736	0.8981	0.9188	0.8621
73.1	0.9284	0.7213	0.9689	0.7817	0.9072	0.9170	0.9335	0.8625
73.2	0.9137	0.7582	0.9600	0.7125	0.8928	0.9250	0.9308	0.8348
73.3	0.8920	0.7173	0.9447	0.6602	0.8484	0.8767	0.9116	0.8285
73.4	0.8217	0.6320	0.9162	0.6221	0.7981	0.8357	0.8759	0.7759
73.5	0.8569	0.7553	0.9392	0.7087	0.8596	0.8946	0.9317	0.8426
73.6	0.9123	0.7817	0.9572	0.7971	0.8778	0.9123	0.9289	0.8414
73.7	0.8869	0.7475	0.9522	0.7263	0.8660	0.8983	0.9142	0.7970
73.8	0.8913	0.7552	0.9579	0.7436	0.9005	0.9146	0.9405	0.8370
73.9	0.8981	0.7084	0.9479	0.7397	0.8711	0.8805	0.9354	0.8420
74.0	0.8877	0.7300	0.9321	0.7342	0.8598	0.8884	0.9241	0.8259
74.1	0.8772	0.7600	0.9334	0.7266	0.8698	0.8961	0.9276	0.8097
74.2	0.8974	0.8257	0.9366	0.7804	0.8636	0.8887	0.9337	0.8109
74.3	0.9083	0.7881	0.9366	0.7680	0.8607	0.8810	0.9298	0.8127
74.4	0.8918	0.7182	0.9411	0.7768	0.8521	0.8735	0.9240	0.7720
74.5	0.8521	0.7764	0.9134	0.7128	0.8024	0.8444	0.9053	0.7762
74.6	0.8755	0.8238	0.9081	0.7300	0.8012	0.8780	0.8901	0.7057
74.7	0.8830	0.7778	0.9182	0.7446	0.8258	0.8634	0.9256	0.7741
74.8	0.8762	0.7564	0.9043	0.7171	0.7979	0.8012	0.9185	0.7217
74.9	0.8618	0.7642	0.8888	0.7022	0.7428	0.7616	0.8859	0.6224
75.0	0.8942	0.7611	0.9127	0.7870	0.8364	0.8471	0.8991	0.6443
75.1	0.8972	0.7195	0.9221	0.7946	0.8238	0.8744	0.8966	0.5950
75.2	0.8605	0.6724	0.8821	0.7568	0.7965	0.7936	0.8869	0.5125
75.3	0.8295	0.6987	0.8334	0.6778	0.7760	0.7351	0.8781	0.4847
75.4	0.8597	0.7675	0.8797	0.7348	0.7727	0.7907	0.8719	0.5520
75.5	0.8707	0.7590	0.8736	0.7428	0.7488	0.7047	0.8585	0.4730
75.6	0.9005	0.8051	0.8951	0.8019	0.8297	0.7807	0.8790	0.4734
75.7	0.9117	0.7984	0.9176	0.8476	0.8474	0.8035	0.8978	0.5387
75.8	0.8918	0.6815	0.9049	0.8229	0.8006	0.7564	0.8706	0.4116
75.9	0.8650	0.7127	0.8482	0.7572	0.7656	0.6776	0.8437	0.3128
76.0	0.8779	0.7367	0.8615	0.7877	0.7956	0.7404	0.8655	0.2481
76.1	0.8901	0.7254	0.8705	0.8145	0.8054	0.7870	0.8713	0.2866
76.2	0.9118	0.7298	0.8912	0.8055	0.7538	0.8035	0.8212	0.2110
76.3	0.9199	0.7084	0.9056	0.8445	0.7082	0.7496	0.8205	0.2861
76.4	0.9180	0.7669	0.8958	0.8312	0.7980	0.7150	0.8553	0.3002
76.5	0.8718	0.6721	0.8534	0.7942	0.7124	0.6729	0.7595	0.1814
76.6	0.8769	0.6202	0.8509	0.8073	0.5836	0.6754	0.7419	0.2332
76.7	0.9011	0.6327	0.8742	0.8369	0.6564	0.6720	0.8230	0.2765

76.8	0.8910	0.5250	0.8640	0.8070	0.7293	0.7040	0.8264	0.3201
76.9	0.9232	0.5783	0.8889	0.8421	0.7951	0.6986	0.8446	0.4310
77.0	0.9368	0.6376	0.8888	0.8411	0.7653	0.7072	0.8462	0.3405
77.1	0.9221	0.6108	0.8720	0.8415	0.7091	0.6627	0.7980	0.3942
77.2	0.8836	0.5504	0.8153	0.8066	0.6266	0.5135	0.6935	0.3466
77.3	0.8876	0.5126	0.8262	0.7828	0.5940	0.5612	0.7066	0.4702
77.4	0.9406	0.5386	0.8942	0.7792	0.6626	0.6506	0.7988	0.6001
77.5	0.9444	0.4704	0.8903	0.7445	0.5558	0.6404	0.7416	0.5551
77.6	0.9118	0.3836	0.8297	0.6874	0.5527	0.5633	0.6343	0.4819
77.7	0.9097	0.4493	0.8432	0.6685	0.5743	0.5572	0.6790	0.5850
77.8	0.9346	0.4342	0.9007	0.6929	0.7807	0.6518	0.7762	0.7347
77.9	0.9453	0.4015	0.9052	0.6155	0.7746	0.6285	0.7539	0.7401
78.0	0.9102	0.3067	0.8410	0.5499	0.6931	0.4940	0.5423	0.6327
78.1	0.9067	0.2990	0.8489	0.5734	0.7326	0.6028	0.5756	0.6883
78.2	0.9020	0.3353	0.8290	0.4739	0.7892	0.6221	0.5384	0.7065
78.3	0.9380	0.4289	0.8865	0.5011	0.8806	0.7185	0.6027	0.7906
78.4	0.9340	0.3610	0.9070	0.5033	0.8771	0.7828	0.6296	0.8347
78.5	0.9430	0.4218	0.9270	0.4908	0.8627	0.7286	0.5041	0.7857
78.6	0.9439	0.3400	0.8941	0.4645	0.8555	0.7497	0.4015	0.7807
78.7	0.9384	0.2788	0.9151	0.5397	0.8832	0.8280	0.5043	0.8082
78.8	0.9429	0.2481	0.9271	0.4071	0.9245	0.8258	0.5882	0.8566
78.9	0.9474	0.1532	0.9339	0.3068	0.8974	0.8350	0.4393	0.8330
79.0	0.9532	0.0165	0.9510	0.4465	0.9076	0.8784	0.2549	0.8464
79.1	0.9589	0.0192	0.9544	0.6497	0.9222	0.9003	0.1983	0.8680
79.2	0.9462	0.0870	0.9248	0.6886	0.8970	0.8788	0.2909	0.8563
79.3	0.9432	0.1389	0.9209	0.6386	0.9147	0.8386	0.3086	0.8355
79.4	0.9653	0.0516	0.9550	0.7280	0.9145	0.8718	0.3176	0.8546
79.5	0.9650	0.0309	0.9548	0.7300	0.9177	0.8687	0.3046	0.8555
79.6	0.9444	0.0441	0.9377	0.6816	0.9044	0.8438	0.3257	0.8152
79.7	0.9497	0.0655	0.9510	0.7049	0.9180	0.8479	0.3009	0.8203
79.8	0.9612	0.0585	0.9529	0.6564	0.9086	0.8769	0.4068	0.8649
79.9	0.9484	0.1392	0.9506	0.6576	0.9070	0.9011	0.4570	0.8721
80.0	0.9451	0.0590	0.9336	0.6338	0.8823	0.8451	0.3896	0.8584

2.2.101 Run 9 – IP270A10 – Accels 33–40

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.2748	0.1301	0.1376	0.0610	0.5022	0.1830	0.7722	0.4134
0.1	0.1014	0.0819	0.0254	0.0018	0.2125	0.0756	0.4702	0.1046
0.2	0.0014	0.0022	0.0013	0.0192	0.0072	0.0226	0.0051	0.0343
0.3	0.0474	0.0146	0.0202	0.0006	0.0062	0.0292	0.0083	0.0233
0.4	0.0195	0.0110	0.0070	0.0122	0.0405	0.0438	0.0003	0.0215
0.5	0.0316	0.0063	0.0332	0.0252	0.0229	0.0312	0.0129	0.0177
0.6	0.0184	0.0691	0.0139	0.0122	0.0034	0.0024	0.0040	0.0026
0.7	0.0006	0.0135	0.0181	0.0388	0.0164	0.0017	0.0221	0.0571
0.8	0.0003	0.0468	0.0059	0.0017	0.0103	0.0331	0.0003	0.0771
0.9	0.0454	0.1514	0.0308	0.0145	0.0187	0.0056	0.0834	0.0629
1.0	0.0351	0.2016	0.0172	0.0175	0.0070	0.0142	0.0278	0.1056
1.1	0.0093	0.7036	0.0176	0.1500	0.0249	0.0348	0.0007	0.1629
1.2	0.0710	0.8805	0.0177	0.4359	0.0575	0.1635	0.0631	0.3289
1.3	0.2432	0.9370	0.1268	0.6651	0.0765	0.2140	0.1032	0.5364
1.4	0.3571	0.6759	0.3239	0.5559	0.1609	0.4672	0.2084	0.5846
1.5	0.3613	0.5365	0.2318	0.3047	0.3670	0.4051	0.3171	0.6679
1.6	0.4459	0.7760	0.0234	0.1758	0.6139	0.0274	0.3729	0.7178
1.7	0.6535	0.9355	0.1979	0.3196	0.8625	0.5406	0.5177	0.7972
1.8	0.6192	0.9052	0.5820	0.6253	0.8629	0.7233	0.5430	0.7984
1.9	0.1527	0.8775	0.7532	0.8445	0.7809	0.8660	0.3918	0.7793
2.0	0.3241	0.7488	0.5892	0.8084	0.6969	0.7693	0.3810	0.7998
2.1	0.7358	0.7812	0.6531	0.7846	0.7053	0.7060	0.5285	0.8656
2.2	0.6193	0.9012	0.6521	0.6812	0.7711	0.7131	0.5949	0.9200
2.3	0.4346	0.9558	0.4025	0.5131	0.8334	0.5401	0.4315	0.8609
2.4	0.4107	0.9800	0.2937	0.5725	0.8610	0.5826	0.3939	0.8485
2.5	0.8215	0.9878	0.7068	0.9165	0.8610	0.8995	0.7467	0.8670
2.6	0.8699	0.9876	0.6545	0.9549	0.8106	0.9198	0.7509	0.8095
2.7	0.9192	0.9931	0.6563	0.9840	0.8886	0.9465	0.8270	0.7810
2.8	0.9470	0.9941	0.6630	0.9907	0.9320	0.9519	0.8436	0.7896
2.9	0.9517	0.9958	0.6746	0.9914	0.9383	0.9567	0.7836	0.8033
3.0	0.9486	0.9962	0.7103	0.9935	0.9343	0.9397	0.7072	0.7747
3.1	0.9171	0.9963	0.6622	0.9942	0.9334	0.8928	0.5841	0.6956
3.2	0.9112	0.9967	0.6301	0.9936	0.9285	0.9031	0.5734	0.6597
3.3	0.9383	0.9969	0.6440	0.9942	0.9191	0.8384	0.6263	0.7001
3.4	0.9304	0.9984	0.7106	0.9968	0.9371	0.8304	0.6274	0.7356
3.5	0.8947	0.9981	0.7535	0.9965	0.9041	0.7135	0.6219	0.6513
3.6	0.8781	0.9979	0.7302	0.9960	0.8932	0.4155	0.5870	0.5781
3.7	0.8715	0.9979	0.7515	0.9951	0.8883	0.1421	0.5499	0.5219
3.8	0.8733	0.9982	0.8009	0.9944	0.8489	0.2193	0.4887	0.5405
3.9	0.9001	0.9986	0.8206	0.9953	0.8436	0.3974	0.4376	0.6272
4.0	0.8737	0.9989	0.8482	0.9961	0.8396	0.5726	0.2087	0.6374
4.1	0.8931	0.9992	0.8860	0.9964	0.8509	0.7613	0.2888	0.6883
4.2	0.9169	0.9991	0.8651	0.9963	0.8318	0.7950	0.3250	0.7009
4.3	0.8800	0.9989	0.8266	0.9957	0.8096	0.8289	0.3124	0.5836
4.4	0.8625	0.9991	0.8226	0.9931	0.7974	0.8579	0.5070	0.4924
4.5	0.7831	0.9989	0.8227	0.9901	0.7884	0.8891	0.4881	0.4251
4.6	0.8012	0.9990	0.8259	0.9941	0.7829	0.9026	0.5044	0.4418
4.7	0.8050	0.9993	0.8477	0.9933	0.7452	0.9258	0.3662	0.4836
4.8	0.7893	0.9991	0.8605	0.9897	0.6683	0.9337	0.1755	0.4841
4.9	0.7678	0.9990	0.8782	0.9912	0.6444	0.9340	0.2104	0.5685
5.0	0.7521	0.9991	0.8724	0.9903	0.7071	0.9385	0.2035	0.5808
5.1	0.7547	0.9989	0.8505	0.9876	0.7276	0.9419	0.3341	0.6138
5.2	0.6955	0.9984	0.8557	0.9839	0.6718	0.9452	0.3970	0.5233
5.3	0.7176	0.9981	0.8849	0.9859	0.6225	0.9527	0.1850	0.5491
5.4	0.6493	0.9983	0.8617	0.9839	0.6474	0.9604	0.1720	0.5750
5.5	0.4230	0.9978	0.7595	0.9806	0.6558	0.9457	0.1905	0.5634
5.6	0.4269	0.9973	0.7757	0.9811	0.5641	0.9483	0.1318	0.5110
5.7	0.4571	0.9968	0.8313	0.9765	0.6293	0.9626	0.2022	0.5196
5.8	0.4161	0.9966	0.8767	0.9736	0.6673	0.9708	0.2374	0.4709
5.9	0.3219	0.9940	0.8367	0.9678	0.6875	0.9634	0.1934	0.2994
6.0	0.3545	0.9950	0.8167	0.9760	0.6727	0.9604	0.2106	0.3351
6.1	0.5739	0.9974	0.8812	0.9847	0.7484	0.9776	0.2480	0.3920
6.2	0.6012	0.9964	0.8808	0.9844	0.7517	0.9773	0.2844	0.3322
6.3	0.6150	0.9963	0.8632	0.9858	0.7564	0.9772	0.4538	0.2328
6.4	0.6572	0.9953	0.8509	0.9852	0.6823	0.9760	0.4458	0.1380
6.5	0.6230	0.9964	0.7933	0.9821	0.6379	0.9780	0.4029	0.0940
6.6	0.7063	0.9962	0.8237	0.9892	0.6116	0.9735	0.4706	0.0276
6.7	0.6540	0.9955	0.7803	0.9844	0.5680	0.9641	0.4750	0.0023
6.8	0.7118	0.9954	0.8123	0.9801	0.6414	0.9678	0.5959	0.0214
6.9	0.8324	0.9967	0.7580	0.9812	0.7516	0.9283	0.5985	0.0980
7.0	0.8824	0.9973	0.7390	0.9763	0.7854	0.8110	0.6540	0.0692
7.1	0.8686	0.9973	0.8161	0.9795	0.7969	0.7717	0.8019	0.1060
7.2	0.7806	0.9966	0.7944	0.9819	0.7617	0.8642	0.8158	0.1083
7.3	0.6961	0.9961	0.5138	0.9843	0.6921	0.9005	0.7728	0.0095
7.4	0.6530	0.9948	0.1561	0.9766	0.6175	0.9138	0.5753	0.0043
7.5	0.6351	0.9954	0.0434	0.9756	0.6908	0.9138	0.5943	0.0440
7.6	0.6485	0.9952	0.0398	0.9695	0.6443	0.8789	0.4339	0.0942
7.7	0.6990	0.9961	0.1206	0.9712	0.5879	0.8888	0.4382	0.0363
7.8	0.6662	0.9965	0.2218	0.9734	0.6580	0.8842	0.3185	0.0877
7.9	0.6791	0.9972	0.2118	0.9675	0.5772	0.8726	0.1760	0.2063

8.0	0.6968	0.9973	0.3516	0.9731	0.6190	0.9190	0.2572	0.0865
8.1	0.7239	0.9977	0.5009	0.9741	0.6927	0.9227	0.2984	0.0674
8.2	0.7624	0.9986	0.6873	0.9759	0.7191	0.9407	0.3506	0.0701
8.3	0.6789	0.9980	0.5463	0.9720	0.6680	0.9098	0.2706	0.0033
8.4	0.6988	0.9981	0.4981	0.9716	0.6131	0.9273	0.1606	0.0362
8.5	0.7503	0.9981	0.5571	0.9669	0.5410	0.9203	0.0789	0.0265
8.6	0.7302	0.9980	0.5427	0.9696	0.6571	0.9128	0.0620	0.0052
8.7	0.7219	0.9978	0.6942	0.9713	0.6192	0.9313	0.1542	0.1587
8.8	0.7404	0.9981	0.7405	0.9655	0.5975	0.9191	0.0949	0.1339
8.9	0.7113	0.9972	0.7730	0.9528	0.5249	0.9092	0.0359	0.0989
9.0	0.7329	0.9960	0.8114	0.9501	0.4388	0.8804	0.0611	0.0502
9.1	0.6950	0.9963	0.8629	0.9498	0.4071	0.8983	0.1167	0.0541
9.2	0.6712	0.9958	0.8305	0.9392	0.5358	0.8570	0.2497	0.0975
9.3	0.7017	0.9948	0.8360	0.9043	0.6037	0.8243	0.4179	0.0065
9.4	0.7267	0.9945	0.8502	0.8447	0.5360	0.7412	0.3979	0.0490
9.5	0.7568	0.9921	0.8992	0.8101	0.5012	0.7307	0.3698	0.0051
9.6	0.7962	0.9933	0.9372	0.8764	0.5263	0.7608	0.2080	0.0628
9.7	0.7892	0.9928	0.9404	0.8797	0.5821	0.7278	0.2273	0.0721
9.8	0.8228	0.9903	0.9585	0.8960	0.5768	0.6990	0.2479	0.0689
9.9	0.7287	0.9866	0.9679	0.8288	0.4611	0.6533	0.1534	0.0367
10.0	0.5586	0.9761	0.9519	0.6353	0.5172	0.4894	0.0330	0.0007
10.1	0.7938	0.9837	0.9758	0.8373	0.6435	0.6733	0.0171	0.0239
10.2	0.8303	0.9851	0.9634	0.8849	0.5895	0.6220	0.0701	0.0328
10.3	0.8862	0.9912	0.9639	0.9544	0.7126	0.7929	0.1639	0.0131
10.4	0.8442	0.9901	0.9553	0.9434	0.7564	0.8125	0.2453	0.0097
10.5	0.8499	0.9892	0.9440	0.9537	0.7427	0.8863	0.1748	0.0718
10.6	0.8304	0.9913	0.9731	0.9653	0.7769	0.9440	0.1187	0.0474
10.7	0.8057	0.9913	0.9737	0.9657	0.7736	0.9439	0.0512	0.0062
10.8	0.7560	0.9929	0.9731	0.9686	0.8075	0.9595	0.0844	0.0285
10.9	0.6313	0.9943	0.9811	0.9591	0.8191	0.9757	0.1256	0.0142
11.0	0.5119	0.9953	0.9871	0.9680	0.8789	0.9868	0.2020	0.0120
11.1	0.4278	0.9939	0.9840	0.9516	0.8879	0.9827	0.1296	0.0173
11.2	0.5330	0.9946	0.9814	0.9254	0.8501	0.9727	0.1338	0.0004
11.3	0.7106	0.9924	0.9805	0.9060	0.8545	0.9727	0.0643	0.0001
11.4	0.8169	0.9927	0.9823	0.9216	0.8281	0.9721	0.1268	0.0183
11.5	0.8418	0.9940	0.9834	0.9248	0.8045	0.9607	0.2407	0.0617
11.6	0.9083	0.9960	0.9886	0.9509	0.8355	0.9584	0.2671	0.0312
11.7	0.9255	0.9967	0.9915	0.9681	0.8613	0.9595	0.2329	0.0372
11.8	0.8918	0.9971	0.9922	0.9709	0.8722	0.9510	0.2333	0.0928
11.9	0.8266	0.9969	0.9920	0.9679	0.8567	0.9384	0.1370	0.0903
12.0	0.7705	0.9965	0.9895	0.9625	0.8473	0.9554	0.0560	0.0104
12.1	0.7920	0.9969	0.9905	0.9651	0.8897	0.9767	0.0817	0.0222
12.2	0.7886	0.9962	0.9903	0.9582	0.8653	0.9841	0.1726	0.1172
12.3	0.8827	0.9956	0.9917	0.9617	0.8781	0.9882	0.2874	0.1219
12.4	0.9151	0.9942	0.9905	0.9639	0.8790	0.9913	0.2272	0.1117
12.5	0.9296	0.9951	0.9920	0.9690	0.9062	0.9917	0.3141	0.0758
12.6	0.9274	0.9906	0.9900	0.9730	0.8927	0.9886	0.3492	0.0680
12.7	0.9345	0.9912	0.9893	0.9726	0.9222	0.9926	0.4526	0.1841
12.8	0.9444	0.9898	0.9869	0.9603	0.9304	0.9911	0.3770	0.2430
12.9	0.9603	0.9919	0.9900	0.9563	0.9210	0.9908	0.2726	0.1724
13.0	0.9665	0.9915	0.9899	0.9481	0.9310	0.9896	0.2917	0.2261
13.1	0.9558	0.9909	0.9886	0.9308	0.9267	0.9864	0.2625	0.2032
13.2	0.9624	0.9946	0.9904	0.9215	0.9545	0.9880	0.2534	0.2862
13.3	0.9604	0.9931	0.9881	0.9040	0.9549	0.9868	0.1116	0.2743
13.4	0.9600	0.9931	0.9887	0.8929	0.9495	0.9882	0.0698	0.2947
13.5	0.9457	0.9917	0.9873	0.8849	0.9405	0.9864	0.2755	0.2066
13.6	0.9469	0.9890	0.9820	0.8826	0.9414	0.9873	0.5808	0.1466
13.7	0.9305	0.9860	0.9782	0.8733	0.9363	0.9869	0.5188	0.1327
13.8	0.9569	0.9916	0.9871	0.9256	0.9646	0.9915	0.5668	0.2321
13.9	0.9457	0.9886	0.9838	0.9166	0.9608	0.9816	0.5969	0.2390
14.0	0.9332	0.9835	0.9777	0.9115	0.9492	0.9761	0.7822	0.1436
14.1	0.9488	0.9889	0.9808	0.9337	0.9550	0.9848	0.8281	0.2600
14.2	0.9403	0.9857	0.9762	0.9273	0.9523	0.9846	0.8373	0.3605
14.3	0.9254	0.9812	0.9672	0.9051	0.9284	0.9779	0.8342	0.3929
14.4	0.9200	0.9779	0.9690	0.8930	0.9333	0.9735	0.8094	0.4083
14.5	0.9194	0.9744	0.9656	0.9016	0.9562	0.9623	0.7840	0.4056
14.6	0.9253	0.9778	0.9722	0.9073	0.9682	0.9590	0.8369	0.6174
14.7	0.9165	0.9731	0.9589	0.8923	0.9552	0.9396	0.8312	0.5750
14.8	0.8881	0.9638	0.9378	0.8524	0.9409	0.9087	0.8188	0.3863
14.9	0.9276	0.9710	0.9606	0.9261	0.9447	0.9440	0.8928	0.4022
15.0	0.9064	0.9633	0.9475	0.9079	0.9264	0.9205	0.8693	0.2252
15.1	0.8566	0.9492	0.9391	0.8731	0.8960	0.8961	0.8451	0.2052
15.2	0.7970	0.9394	0.9275	0.8063	0.8830	0.8347	0.6956	0.3498
15.3	0.8087	0.9208	0.9081	0.7709	0.8955	0.8399	0.6477	0.3513
15.4	0.8439	0.9245	0.9191	0.5758	0.9059	0.8384	0.5613	0.3711
15.5	0.8593	0.9229	0.9207	0.4158	0.9212	0.8782	0.5645	0.3555
15.6	0.8412	0.8896	0.8896	0.2272	0.8888	0.8806	0.6340	0.1667
15.7	0.8576	0.8889	0.8956	0.0788	0.8897	0.8831	0.6256	0.3534
15.8	0.8861	0.9139	0.9217	0.1126	0.8964	0.8973	0.7659	0.3705
15.9	0.8637	0.9112	0.9238	0.1803	0.9013	0.9025	0.8253	0.2954
16.0	0.7738	0.9302	0.9469	0.2392	0.9095	0.9238	0.8485	0.2230
16.1	0.8112	0.9573	0.9701	0.3897	0.9435	0.9541	0.8853	0.3720
16.2	0.7950	0.9700	0.9797	0.3681	0.9585	0.9665	0.9247	0.5601
16.3	0.6127	0.9757	0.9848	0.5532	0.9642	0.9717	0.9463	0.6021
16.4	0.4750	0.9752	0.9849	0.5960	0.9647	0.9651	0.9291	0.6271
16.5	0.5318	0.9823	0.9885	0.6268	0.9651	0.9623	0.8796	0.6699

16.6	0.5950	0.9841	0.9857	0.5192	0.9696	0.9518	0.7210	0.5650
16.7	0.6587	0.9831	0.9902	0.4208	0.9620	0.9396	0.7035	0.6662
16.8	0.6232	0.9844	0.9916	0.2868	0.9731	0.9362	0.6369	0.6776
16.9	0.5361	0.9857	0.9893	0.1889	0.9758	0.9473	0.6550	0.6126
17.0	0.4962	0.9874	0.9864	0.1743	0.9811	0.9301	0.6345	0.6367
17.1	0.4658	0.9835	0.9645	0.2053	0.9691	0.9198	0.4475	0.6677
17.2	0.3054	0.9872	0.9888	0.1864	0.9749	0.9600	0.2007	0.8500
17.3	0.1749	0.9905	0.9951	0.1855	0.9807	0.9704	0.2747	0.8770
17.4	0.2589	0.9904	0.9933	0.0981	0.9777	0.9750	0.5076	0.8335
17.5	0.3300	0.9930	0.9939	0.2162	0.9847	0.9865	0.6692	0.8974
17.6	0.3530	0.9934	0.9939	0.2009	0.9821	0.9858	0.5357	0.8872
17.7	0.5060	0.9917	0.9931	0.1932	0.9793	0.9865	0.3040	0.8599
17.8	0.5232	0.9941	0.9934	0.3938	0.9855	0.9865	0.2418	0.9075
17.9	0.5715	0.9934	0.9920	0.4244	0.9802	0.9818	0.3218	0.8929
18.0	0.5803	0.9912	0.9902	0.5613	0.9711	0.9872	0.4785	0.8929
18.1	0.6485	0.9926	0.9911	0.7123	0.9811	0.9891	0.6185	0.9239
18.2	0.7359	0.9931	0.9916	0.7473	0.9823	0.9920	0.5714	0.9185
18.3	0.7897	0.9940	0.9936	0.8631	0.9838	0.9957	0.5957	0.9441
18.4	0.7570	0.9925	0.9927	0.8427	0.9826	0.9930	0.6736	0.9508
18.5	0.7909	0.9919	0.9847	0.7744	0.9829	0.9842	0.6886	0.9555
18.6	0.8239	0.9923	0.9656	0.6342	0.9809	0.9735	0.6140	0.9490
18.7	0.8655	0.9916	0.9872	0.8124	0.9821	0.9852	0.5734	0.9432
18.8	0.8654	0.9912	0.9897	0.8795	0.9852	0.9913	0.6352	0.9424
18.9	0.7602	0.9818	0.9808	0.8782	0.9749	0.9884	0.5576	0.9075
19.0	0.7467	0.9786	0.9859	0.9232	0.9744	0.9883	0.5979	0.9210
19.1	0.7807	0.9825	0.9915	0.9478	0.9781	0.9923	0.6408	0.9125
19.2	0.8386	0.9815	0.9933	0.9663	0.9845	0.9937	0.6881	0.9184
19.3	0.8416	0.9738	0.9926	0.9677	0.9847	0.9934	0.6472	0.9270
19.4	0.7831	0.9442	0.9909	0.9618	0.9783	0.9916	0.5777	0.9124
19.5	0.8398	0.9466	0.9913	0.9749	0.9797	0.9957	0.6845	0.8984
19.6	0.8055	0.9040	0.9900	0.9797	0.9761	0.9925	0.6485	0.8943
19.7	0.8165	0.8640	0.9885	0.9783	0.9714	0.9929	0.7034	0.9222
19.8	0.8503	0.8623	0.9885	0.9813	0.9695	0.9929	0.7300	0.9373
19.9	0.8662	0.8303	0.9877	0.9774	0.9707	0.9935	0.6899	0.9405
20.0	0.9057	0.8150	0.9874	0.9687	0.9714	0.9951	0.6877	0.9397
20.1	0.9387	0.8077	0.9850	0.9775	0.9697	0.9935	0.6257	0.9361
20.2	0.9222	0.8657	0.9865	0.9835	0.9743	0.9915	0.6306	0.9267
20.3	0.9177	0.9000	0.9879	0.9837	0.9772	0.9922	0.5215	0.9483
20.4	0.9279	0.9149	0.9866	0.9820	0.9754	0.9906	0.5204	0.9444
20.5	0.9445	0.9422	0.9877	0.9906	0.9822	0.9919	0.7201	0.9578
20.6	0.9499	0.9490	0.9881	0.9908	0.9804	0.9930	0.7263	0.9551
20.7	0.9340	0.9357	0.9821	0.9857	0.9665	0.9874	0.6673	0.9392
20.8	0.9327	0.9576	0.9822	0.9883	0.9710	0.9819	0.6405	0.9556
20.9	0.9581	0.9544	0.9862	0.9861	0.9782	0.9857	0.6461	0.9600
21.0	0.9510	0.9472	0.9793	0.9801	0.9740	0.9847	0.6537	0.9451
21.1	0.9461	0.9472	0.9738	0.9759	0.9631	0.9827	0.5941	0.9487
21.2	0.9514	0.9424	0.9760	0.9740	0.9699	0.9831	0.6711	0.9672
21.3	0.9381	0.9370	0.9791	0.9745	0.9721	0.9814	0.6608	0.9613
21.4	0.9437	0.9505	0.9767	0.9746	0.9708	0.9796	0.7341	0.9656
21.5	0.9367	0.9385	0.9646	0.9614	0.9636	0.9704	0.5811	0.9577
21.6	0.9447	0.9400	0.9673	0.9573	0.9545	0.9745	0.5074	0.9581
21.7	0.9450	0.9347	0.9708	0.9471	0.9487	0.9787	0.5146	0.9593
21.8	0.9303	0.9311	0.9593	0.9421	0.9400	0.9685	0.3958	0.9553
21.9	0.8842	0.9207	0.9659	0.9089	0.8907	0.9643	0.2642	0.9394
22.0	0.8765	0.9473	0.9691	0.9194	0.8858	0.9698	0.2722	0.9477
22.1	0.8996	0.9430	0.9631	0.9231	0.9078	0.9708	0.2729	0.9425
22.2	0.9043	0.9309	0.9591	0.9154	0.9148	0.9705	0.2890	0.9478
22.3	0.8998	0.9341	0.9554	0.9186	0.8784	0.9656	0.2953	0.9362
22.4	0.8833	0.9282	0.9488	0.9240	0.8478	0.9642	0.4074	0.9116
22.5	0.9221	0.9371	0.9642	0.9326	0.9145	0.9728	0.4065	0.9359
22.6	0.9156	0.9210	0.9676	0.9240	0.9070	0.9624	0.4040	0.9254
22.7	0.9070	0.8865	0.9559	0.9301	0.9016	0.9589	0.5096	0.8952
22.8	0.9024	0.8454	0.9491	0.9227	0.8864	0.9637	0.4583	0.8834
22.9	0.9127	0.8732	0.9645	0.9214	0.8882	0.9646	0.6088	0.8944
23.0	0.9130	0.7758	0.9501	0.9315	0.8687	0.9504	0.5599	0.8828
23.1	0.9220	0.7863	0.9658	0.9270	0.8813	0.9535	0.5549	0.8958
23.2	0.9028	0.6915	0.9597	0.9150	0.8460	0.9438	0.5513	0.8517
23.3	0.8903	0.5456	0.9412	0.9134	0.8380	0.9295	0.5923	0.8314
23.4	0.8934	0.5386	0.9523	0.9166	0.8580	0.9204	0.5151	0.8375
23.5	0.8977	0.5698	0.9481	0.9090	0.8747	0.9414	0.5919	0.8496
23.6	0.8423	0.4707	0.9465	0.8659	0.8015	0.9359	0.6135	0.8029
23.7	0.8720	0.5414	0.9525	0.8838	0.8149	0.9458	0.5106	0.8419
23.8	0.8364	0.5046	0.9324	0.8369	0.7505	0.9300	0.4188	0.8141
23.9	0.8105	0.3616	0.9451	0.8499	0.7205	0.9512	0.4986	0.7645
24.0	0.8416	0.5191	0.9551	0.8470	0.7690	0.9605	0.5053	0.7652
24.1	0.7928	0.5239	0.9319	0.7752	0.6932	0.9437	0.3097	0.6706
24.2	0.8189	0.6980	0.9442	0.8254	0.7282	0.9508	0.4976	0.7009
24.3	0.8218	0.7471	0.9455	0.8288	0.6910	0.9579	0.4279	0.6758
24.4	0.7422	0.7346	0.9161	0.7351	0.6344	0.9370	0.2557	0.6649
24.5	0.7029	0.7238	0.9054	0.7052	0.6406	0.9351	0.2180	0.7039
24.6	0.6354	0.6938	0.9096	0.7066	0.5818	0.9390	0.1925	0.7081
24.7	0.5662	0.6742	0.9163	0.7305	0.6340	0.9449	0.1439	0.7212
24.8	0.5945	0.7723	0.9339	0.7373	0.6374	0.9457	0.1830	0.7749
24.9	0.5377	0.7858	0.9439	0.7550	0.5479	0.9399	0.0624	0.7984
25.0	0.4932	0.7781	0.9297	0.7448	0.4855	0.9401	0.0295	0.7946
25.1	0.5694	0.8223	0.9255	0.6695	0.5105	0.9475	0.0804	0.7358

25.2	0.5488	0.8124	0.8951	0.5459	0.4941	0.9325	0.0588	0.6328
25.3	0.4442	0.7831	0.8877	0.6252	0.3639	0.9348	0.0817	0.6651
25.4	0.5391	0.8570	0.8619	0.6043	0.3812	0.9311	0.4270	0.7311
25.5	0.6420	0.8592	0.8439	0.5188	0.5071	0.9095	0.5069	0.6816
25.6	0.6300	0.8722	0.8350	0.5693	0.3115	0.9031	0.6099	0.7007
25.7	0.6705	0.9066	0.8531	0.6207	0.3197	0.9216	0.6612	0.7632
25.8	0.6350	0.8617	0.7942	0.5295	0.2258	0.9003	0.6782	0.7641
25.9	0.6458	0.8670	0.7824	0.5451	0.1803	0.9032	0.6938	0.7424
26.0	0.6852	0.8606	0.7943	0.4182	0.2921	0.8846	0.6687	0.6806
26.1	0.6574	0.8319	0.7569	0.5849	0.1310	0.8913	0.5985	0.6445
26.2	0.6722	0.8266	0.7875	0.7371	0.1621	0.9062	0.6933	0.7346
26.3	0.6152	0.8226	0.7578	0.7963	0.2656	0.9003	0.7112	0.7369
26.4	0.6316	0.8277	0.7588	0.7888	0.1679	0.8889	0.7447	0.7132
26.5	0.7143	0.8723	0.7737	0.8589	0.1882	0.9023	0.8126	0.7852
26.6	0.7520	0.8905	0.7949	0.8687	0.3146	0.9059	0.8539	0.8067
26.7	0.7214	0.8743	0.7598	0.8767	0.1855	0.9009	0.8181	0.7788
26.8	0.6825	0.8557	0.7428	0.8920	0.2020	0.8963	0.7826	0.7347
26.9	0.7584	0.8792	0.7891	0.9115	0.2305	0.9103	0.8639	0.8315
27.0	0.7758	0.8620	0.7952	0.8923	0.3235	0.8983	0.8408	0.7876
27.1	0.7576	0.8445	0.7525	0.8550	0.3671	0.8710	0.8024	0.7708
27.2	0.7500	0.8190	0.7430	0.8216	0.3116	0.8559	0.7850	0.7518
27.3	0.6511	0.7499	0.6967	0.7704	0.3691	0.7988	0.7050	0.6488
27.4	0.7661	0.8162	0.7479	0.8225	0.3154	0.8514	0.7270	0.6966
27.5	0.7511	0.7983	0.7711	0.7977	0.2754	0.8358	0.6712	0.6858
27.6	0.7185	0.7508	0.7103	0.7446	0.3503	0.7814	0.6406	0.6895
27.7	0.7656	0.7917	0.7492	0.7739	0.5229	0.8119	0.6457	0.7012
27.8	0.7739	0.7886	0.7671	0.7698	0.5390	0.8104	0.6948	0.6672
27.9	0.7591	0.7774	0.7740	0.7413	0.5169	0.7911	0.7135	0.6523
28.0	0.7656	0.8030	0.7954	0.7608	0.5489	0.8169	0.6334	0.6581
28.1	0.7478	0.7599	0.7756	0.7071	0.5823	0.7781	0.5762	0.6475
28.2	0.7130	0.6886	0.7453	0.5952	0.4186	0.7193	0.4551	0.5535
28.3	0.6261	0.6157	0.6936	0.5470	0.4302	0.6692	0.3083	0.3634
28.4	0.7439	0.6875	0.7841	0.6037	0.4683	0.7508	0.3435	0.3724
28.5	0.7989	0.7332	0.8104	0.6193	0.4727	0.7865	0.4550	0.4083
28.6	0.7784	0.7196	0.7162	0.6077	0.4922	0.7555	0.4511	0.3717
28.7	0.7165	0.6573	0.6393	0.5266	0.4667	0.7183	0.2381	0.3304
28.8	0.6932	0.6356	0.5561	0.4758	0.3888	0.6957	0.1092	0.1565
28.9	0.7703	0.6831	0.6008	0.4298	0.4870	0.7195	0.1524	0.2344
29.0	0.7861	0.6175	0.6260	0.2675	0.4150	0.6972	0.2399	0.1511
29.1	0.7690	0.6180	0.5627	0.3197	0.3335	0.6918	0.3027	0.1685
29.2	0.7548	0.6415	0.5333	0.3420	0.3300	0.6624	0.2318	0.1921
29.3	0.7999	0.6883	0.7290	0.3866	0.4580	0.6446	0.3151	0.1592
29.4	0.7930	0.6583	0.7675	0.3204	0.3807	0.5802	0.2048	0.1135
29.5	0.7969	0.6487	0.7528	0.2638	0.2554	0.6025	0.2782	0.0420
29.6	0.7566	0.5393	0.7281	0.1336	0.1900	0.3730	0.1956	0.0408
29.7	0.7203	0.4981	0.7219	0.0878	0.0739	0.1725	0.1934	0.1347
29.8	0.6926	0.4904	0.7249	0.0650	0.2283	0.1662	0.2803	0.2024
29.9	0.7401	0.5261	0.7649	0.0555	0.2754	0.0014	0.2135	0.1301
30.0	0.7454	0.5248	0.7816	0.1721	0.2141	0.0298	0.1977	0.0485
30.1	0.6988	0.4703	0.7785	0.3236	0.1410	0.2780	0.1720	0.0171
30.2	0.6617	0.4287	0.7712	0.3618	0.2209	0.3487	0.1303	0.0015
30.3	0.5480	0.2707	0.6708	0.2340	0.0919	0.3306	0.0552	0.0031
30.4	0.5958	0.1567	0.6805	0.2340	0.0498	0.2991	0.0894	0.0113
30.5	0.6888	0.2207	0.7070	0.2040	0.0738	0.3158	0.0816	0.0149
30.6	0.6989	0.2682	0.7853	0.1904	0.1649	0.2107	0.1706	0.0526
30.7	0.7282	0.3337	0.8122	0.2946	0.2260	0.3321	0.1576	0.0947
30.8	0.6700	0.1704	0.7385	0.4543	0.1372	0.4265	0.0711	0.0500
30.9	0.6256	0.1459	0.7330	0.3921	0.0913	0.4285	0.1206	0.1062
31.0	0.5883	0.1105	0.7476	0.4691	0.0376	0.5914	0.0634	0.0485
31.1	0.5815	0.1416	0.7696	0.4695	0.1004	0.6680	0.0783	0.0848
31.2	0.5857	0.0688	0.6439	0.3993	0.0612	0.6248	0.1668	0.1115
31.3	0.4870	0.0187	0.6172	0.5677	0.0480	0.7154	0.0752	0.0380
31.4	0.4093	0.0283	0.6511	0.5021	0.1327	0.6687	0.0184	0.0068
31.5	0.3096	0.0152	0.6709	0.4510	0.2988	0.6321	0.0114	0.0022
31.6	0.2990	0.0761	0.5421	0.4760	0.1743	0.6359	0.0418	0.0366
31.7	0.2904	0.1506	0.5451	0.5423	0.0756	0.6746	0.0211	0.0575
31.8	0.2315	0.1686	0.5512	0.5971	0.0687	0.7102	0.0416	0.0210
31.9	0.2187	0.1311	0.5244	0.5555	0.0769	0.6173	0.0560	0.0375
32.0	0.1141	0.1552	0.4194	0.5516	0.0683	0.4959	0.0470	0.1215
32.1	0.1704	0.2151	0.4439	0.6402	0.0957	0.5261	0.0142	0.0245
32.2	0.3192	0.2103	0.5299	0.5824	0.1759	0.5707	0.0648	0.0653
32.3	0.3217	0.2776	0.5614	0.6523	0.2177	0.6311	0.0240	0.0480
32.4	0.2798	0.3629	0.5684	0.7206	0.1165	0.6392	0.0036	0.0247
32.5	0.2184	0.3416	0.5486	0.7174	0.1096	0.6348	0.0020	0.0059
32.6	0.2148	0.2795	0.4992	0.6175	0.0920	0.4966	0.0212	0.0111
32.7	0.2562	0.2765	0.3788	0.6124	0.1135	0.4131	0.0051	0.0013
32.8	0.3899	0.3248	0.4445	0.6702	0.1303	0.4939	0.0070	0.0207
32.9	0.4367	0.3906	0.4576	0.6551	0.1462	0.4616	0.0221	0.0775
33.0	0.3665	0.2845	0.5419	0.6154	0.1379	0.5288	0.0840	0.0891
33.1	0.4054	0.3052	0.5608	0.6689	0.0756	0.5406	0.0815	0.1001
33.2	0.3525	0.3317	0.5243	0.6628	0.1492	0.5669	0.0081	0.0265
33.3	0.4361	0.3292	0.4776	0.7009	0.1831	0.5177	0.0104	0.0343
33.4	0.5902	0.3719	0.5206	0.7329	0.1734	0.5561	0.0104	0.0428
33.5	0.6328	0.4576	0.6400	0.7979	0.2723	0.7038	0.0025	0.0087
33.6	0.5858	0.4169	0.5697	0.7878	0.2133	0.6489	0.0018	0.0323
33.7	0.5937	0.4029	0.4553	0.7344	0.1932	0.5078	0.0339	0.0972

33.8	0.5184	0.4202	0.5834	0.7772	0.1836	0.6176	0.0112	0.0205
33.9	0.4766	0.4246	0.5991	0.7985	0.2232	0.6564	0.0186	0.0208
34.0	0.5709	0.3826	0.5527	0.7837	0.2157	0.5952	0.0339	0.0367
34.1	0.5742	0.3578	0.5508	0.7951	0.2718	0.5895	0.0226	0.0218
34.2	0.5640	0.4105	0.5432	0.7914	0.2241	0.5727	0.0057	0.0153
34.3	0.6566	0.4037	0.5985	0.7688	0.1651	0.5274	0.0075	0.0348
34.4	0.6128	0.4293	0.6249	0.7745	0.1663	0.5727	0.0029	0.0023
34.5	0.6325	0.4494	0.7206	0.8464	0.1937	0.6867	0.0252	0.0027
34.6	0.6012	0.5282	0.7077	0.8660	0.2390	0.6482	0.0628	0.0080
34.7	0.5752	0.4762	0.7336	0.8400	0.2096	0.6148	0.0095	0.0166
34.8	0.4895	0.3709	0.6983	0.7919	0.2311	0.5721	0.0036	0.0021
34.9	0.5208	0.5103	0.7107	0.8254	0.1413	0.5879	0.0370	0.0214
35.0	0.5775	0.5055	0.7818	0.8428	0.1256	0.6682	0.0239	0.0144
35.1	0.6398	0.3259	0.7888	0.8347	0.0861	0.6580	0.0209	0.0177
35.2	0.7171	0.2336	0.8412	0.8523	0.1290	0.7610	0.0134	0.0442
35.3	0.7155	0.3028	0.8478	0.8271	0.1162	0.7581	0.0271	0.0257
35.4	0.5916	0.3171	0.8000	0.8121	0.0902	0.6471	0.0926	0.0405
35.5	0.6209	0.3090	0.8313	0.8495	0.1004	0.7113	0.0880	0.0843
35.6	0.6171	0.3279	0.8885	0.8440	0.0443	0.7975	0.0311	0.1484
35.7	0.6752	0.2936	0.9044	0.8477	0.0219	0.8383	0.0205	0.0982
35.8	0.7251	0.2860	0.8719	0.8561	0.1043	0.7845	0.0331	0.0799
35.9	0.7763	0.2848	0.8964	0.8319	0.2427	0.7870	0.0060	0.0444
36.0	0.8263	0.4287	0.8953	0.8070	0.2461	0.7885	0.0104	0.0724
36.1	0.7736	0.4536	0.8595	0.7819	0.0973	0.7894	0.0693	0.1455
36.2	0.7414	0.5208	0.8695	0.8056	0.2197	0.8390	0.1017	0.1778
36.3	0.7499	0.5186	0.8191	0.7554	0.2781	0.7495	0.0701	0.1002
36.4	0.7086	0.4516	0.7938	0.7279	0.3267	0.6985	0.0847	0.0425
36.5	0.5863	0.4601	0.7742	0.7524	0.4091	0.6790	0.1001	0.0980
36.6	0.6195	0.6401	0.7933	0.8305	0.4609	0.7457	0.0508	0.1883
36.7	0.6389	0.6949	0.8285	0.8606	0.3746	0.7894	0.0276	0.1466
36.8	0.6178	0.6670	0.8174	0.8345	0.3636	0.7638	0.0192	0.0795
36.9	0.5885	0.7115	0.7856	0.8272	0.3391	0.7278	0.0102	0.0443
37.0	0.4463	0.6910	0.7377	0.8411	0.3371	0.7204	0.0039	0.0215
37.1	0.3165	0.6696	0.7007	0.8341	0.4595	0.6868	0.0032	0.0387
37.2	0.3471	0.6722	0.7898	0.8420	0.3936	0.7285	0.0032	0.0182
37.3	0.2606	0.5405	0.7909	0.7985	0.3145	0.5662	0.0128	0.0094
37.4	0.1681	0.4146	0.8349	0.7069	0.2310	0.4968	0.1017	0.0971
37.5	0.2129	0.5655	0.8758	0.7965	0.2959	0.5279	0.0251	0.0303
37.6	0.2235	0.6197	0.8760	0.7993	0.2562	0.5936	0.0091	0.0274
37.7	0.2369	0.6137	0.8906	0.7782	0.3079	0.6987	0.0358	0.0518
37.8	0.1725	0.6532	0.9032	0.8007	0.1654	0.7779	0.0663	0.0907
37.9	0.0495	0.6279	0.9323	0.7695	0.1237	0.8468	0.0705	0.1663
38.0	0.0085	0.6143	0.9321	0.7941	0.2304	0.8333	0.1034	0.1115
38.1	0.0086	0.5699	0.9209	0.7844	0.1585	0.8438	0.0164	0.0092
38.2	0.0232	0.4763	0.8961	0.6791	0.0647	0.8615	0.0895	0.0322
38.3	0.0630	0.5289	0.8769	0.7618	0.1119	0.8547	0.0463	0.0053
38.4	0.0569	0.6467	0.9097	0.8657	0.2218	0.8856	0.1349	0.0389
38.5	0.0468	0.6400	0.9291	0.8673	0.0960	0.8980	0.1239	0.0174
38.6	0.0537	0.6603	0.9413	0.8503	0.0996	0.9010	0.0618	0.0280
38.7	0.0141	0.5288	0.9348	0.7980	0.1309	0.8919	0.0198	0.0134
38.8	0.0662	0.5007	0.9450	0.8403	0.1251	0.9123	0.0036	0.0528
38.9	0.0489	0.4884	0.9427	0.7941	0.0682	0.9170	0.0330	0.0222
39.0	0.0865	0.4261	0.9480	0.7531	0.1444	0.9025	0.0018	0.0290
39.1	0.1581	0.4224	0.9512	0.7280	0.2596	0.9061	0.0050	0.0211
39.2	0.1492	0.4101	0.9472	0.7202	0.1505	0.8966	0.0017	0.0157
39.3	0.1328	0.4747	0.9523	0.7676	0.0399	0.9123	0.0088	0.0053
39.4	0.1530	0.4735	0.9538	0.8005	0.0609	0.9113	0.0246	0.0218
39.5	0.1402	0.5132	0.9475	0.7887	0.1212	0.9002	0.0238	0.0001
39.6	0.1911	0.4487	0.9539	0.7569	0.2227	0.9191	0.0062	0.0174
39.7	0.1620	0.4178	0.9652	0.7946	0.1761	0.9407	0.0086	0.0010
39.8	0.1743	0.4241	0.9589	0.7846	0.1423	0.9248	0.0045	0.0238
39.9	0.1548	0.5355	0.9450	0.7876	0.0806	0.9216	0.0032	0.0077
40.0	0.3024	0.4541	0.9407	0.7447	0.1383	0.9394	0.0762	0.0853
40.1	0.3085	0.3652	0.9387	0.6852	0.1408	0.9232	0.0181	0.0130
40.2	0.2153	0.3573	0.9068	0.6309	0.1457	0.8781	0.0233	0.0127
40.3	0.2413	0.4624	0.9012	0.6689	0.1821	0.8790	0.1201	0.0697
40.4	0.1366	0.5237	0.8809	0.6475	0.1122	0.8912	0.1336	0.1069
40.5	0.2045	0.4064	0.8114	0.6413	0.0789	0.8653	0.1289	0.1654
40.6	0.2986	0.4210	0.8223	0.6585	0.1105	0.8728	0.2123	0.2538
40.7	0.2732	0.3272	0.7824	0.5985	0.1394	0.8409	0.1450	0.1521
40.8	0.1537	0.3719	0.7362	0.4882	0.0670	0.8095	0.1214	0.0851
40.9	0.2412	0.4234	0.8188	0.5988	0.2014	0.8587	0.1293	0.0536
41.0	0.3150	0.4612	0.8376	0.6798	0.0987	0.8455	0.1350	0.0469
41.1	0.2112	0.3577	0.7526	0.4996	0.0236	0.8171	0.1308	0.0809
41.2	0.2331	0.2863	0.6654	0.4754	0.0964	0.8233	0.1160	0.0472
41.3	0.2584	0.2820	0.7122	0.4919	0.0933	0.8449	0.1079	0.0245
41.4	0.3328	0.2800	0.6584	0.5455	0.1177	0.7868	0.1002	0.0349
41.5	0.2261	0.3245	0.4911	0.4098	0.0965	0.7056	0.1488	0.0582
41.6	0.2411	0.3187	0.4751	0.4187	0.0383	0.7118	0.0746	0.0483
41.7	0.2391	0.4865	0.4399	0.3518	0.0613	0.7036	0.1635	0.1150
41.8	0.2730	0.4322	0.4503	0.3885	0.0756	0.6989	0.2683	0.1571
41.9	0.2355	0.4179	0.4204	0.3096	0.0187	0.7191	0.2177	0.1045
42.0	0.1925	0.4328	0.4239	0.2607	0.0055	0.6676	0.2060	0.2211
42.1	0.2174	0.4951	0.5402	0.3670	0.0663	0.7310	0.2039	0.1954
42.2	0.1582	0.5206	0.4786	0.2342	0.0640	0.7646	0.2344	0.1604
42.3	0.1149	0.4818	0.5080	0.2613	0.0467	0.7680	0.2510	0.1850

42.4	0.0982	0.3416	0.3932	0.1849	0.0125	0.7443	0.2114	0.1584
42.5	0.0844	0.3705	0.3793	0.0896	0.0012	0.7728	0.2410	0.1975
42.6	0.0737	0.2194	0.1489	0.0487	0.0176	0.6674	0.2437	0.2356
42.7	0.0526	0.3381	0.4179	0.0515	0.0594	0.7493	0.2872	0.2292
42.8	0.0459	0.3871	0.4488	0.0728	0.0307	0.7332	0.2743	0.1863
42.9	0.1025	0.3981	0.3568	0.0064	0.0005	0.7661	0.3812	0.1785
43.0	0.0486	0.3639	0.5018	0.0324	0.0785	0.8125	0.1582	0.0827
43.1	0.0175	0.2375	0.4605	0.0850	0.0552	0.7797	0.1598	0.0377
43.2	0.0071	0.1557	0.4559	0.0896	0.0916	0.7904	0.1437	0.0422
43.3	0.0470	0.1908	0.5512	0.1996	0.1213	0.7406	0.2251	0.1503
43.4	0.0389	0.3231	0.6824	0.2629	0.0517	0.7869	0.3046	0.2063
43.5	0.0141	0.4703	0.7172	0.2106	0.0478	0.8776	0.2372	0.0573
43.6	0.0036	0.4178	0.7540	0.1547	0.0493	0.8765	0.3083	0.1008
43.7	0.0626	0.2867	0.7506	0.2674	0.0480	0.8874	0.3607	0.2218
43.8	0.1760	0.2179	0.7776	0.3957	0.0679	0.9036	0.3803	0.3022
43.9	0.1641	0.3871	0.7978	0.4039	0.0682	0.8679	0.3701	0.2542
44.0	0.1063	0.5939	0.7979	0.3327	0.1049	0.8562	0.2093	0.1619
44.1	0.0072	0.6134	0.8669	0.1542	0.0588	0.8500	0.4799	0.3671
44.2	0.0030	0.6731	0.9150	0.2142	0.0120	0.8906	0.6046	0.4916
44.3	0.0056	0.6365	0.9175	0.2231	0.0306	0.8646	0.5032	0.3929
44.4	0.0114	0.4084	0.8428	0.1316	0.0132	0.8431	0.3257	0.1895
44.5	0.0745	0.2083	0.7769	0.1969	0.0145	0.8265	0.2429	0.1486
44.6	0.0603	0.3970	0.8658	0.1920	0.0163	0.8326	0.4473	0.4023
44.7	0.0792	0.5136	0.8763	0.2653	0.0020	0.8608	0.4547	0.3435
44.8	0.1840	0.3673	0.8458	0.3151	0.0044	0.8170	0.3428	0.2204
44.9	0.0953	0.3057	0.8688	0.2449	0.1146	0.8135	0.2437	0.1327
45.0	0.0563	0.4170	0.8973	0.2380	0.0584	0.8820	0.2491	0.1956
45.1	0.0997	0.3986	0.9021	0.3287	0.0652	0.8838	0.2502	0.3062
45.2	0.1770	0.2101	0.8907	0.3571	0.0066	0.8640	0.4388	0.4756
45.3	0.1238	0.0170	0.8656	0.2694	0.0190	0.8162	0.5010	0.5154
45.4	0.1703	0.0858	0.8196	0.2288	0.0136	0.6526	0.3488	0.3462
45.5	0.1502	0.4387	0.8706	0.1691	0.0060	0.6110	0.2023	0.1256
45.6	0.1828	0.3960	0.8956	0.3051	0.0506	0.6843	0.2191	0.1704
45.7	0.2299	0.2424	0.9029	0.3744	0.1682	0.7841	0.2367	0.1890
45.8	0.2216	0.1758	0.9343	0.3729	0.2730	0.8250	0.2505	0.2211
45.9	0.0988	0.1274	0.9270	0.2167	0.2571	0.7978	0.2304	0.2872
46.0	0.1290	0.4037	0.9370	0.2295	0.3515	0.8152	0.2729	0.3365
46.1	0.2440	0.6053	0.9517	0.3741	0.3396	0.7905	0.2765	0.2704
46.2	0.2487	0.5647	0.9498	0.3634	0.1858	0.7566	0.2808	0.2554
46.3	0.3578	0.4515	0.9717	0.5080	0.1344	0.8156	0.4791	0.3591
46.4	0.2555	0.3388	0.9627	0.3504	0.1114	0.7944	0.3447	0.2663
46.5	0.3980	0.4292	0.9644	0.4722	0.1675	0.7939	0.2798	0.2681
46.6	0.4309	0.3593	0.9418	0.5050	0.1372	0.7546	0.1852	0.1295
46.7	0.3555	0.3157	0.9072	0.3892	0.0781	0.7272	0.1207	0.0850
46.8	0.4804	0.4838	0.9396	0.5163	0.0780	0.8468	0.1447	0.0856
46.9	0.4590	0.2905	0.9496	0.5363	0.0861	0.8469	0.3161	0.1825
47.0	0.2060	0.0811	0.9386	0.2639	0.2146	0.7917	0.0839	0.0473
47.1	0.1863	0.4460	0.8982	0.1930	0.3371	0.6947	0.0836	0.0398
47.2	0.1667	0.6858	0.9363	0.1444	0.3182	0.8010	0.0581	0.0129
47.3	0.1352	0.7353	0.9485	0.1460	0.2299	0.8689	0.2281	0.0448
47.4	0.2257	0.7396	0.9795	0.3153	0.2132	0.9234	0.3272	0.0841
47.5	0.2582	0.4528	0.9785	0.3897	0.0987	0.9310	0.2673	0.0935
47.6	0.2284	0.2547	0.9535	0.3372	0.1367	0.9015	0.2839	0.0641
47.7	0.2512	0.1519	0.9494	0.3359	0.0747	0.9261	0.2950	0.0568
47.8	0.1947	0.0371	0.9302	0.2692	0.1415	0.9092	0.2245	0.0547
47.9	0.1486	0.0836	0.9172	0.1839	0.1226	0.8917	0.2167	0.0100
48.0	0.2058	0.0838	0.9267	0.2192	0.1238	0.9010	0.1361	0.0238
48.1	0.3086	0.0209	0.8907	0.3202	0.1063	0.8745	0.0996	0.0312
48.2	0.2823	0.1546	0.9118	0.2927	0.0662	0.8814	0.1192	0.0759
48.3	0.3181	0.2532	0.9388	0.3203	0.0549	0.8988	0.1759	0.0811
48.4	0.3297	0.2062	0.9293	0.3355	0.0536	0.8629	0.0840	0.0231
48.5	0.3088	0.1606	0.9452	0.2966	0.0775	0.9100	0.0234	0.0420
48.6	0.3498	0.0404	0.9377	0.3304	0.1236	0.8785	0.0221	0.0875
48.7	0.3318	0.0017	0.9125	0.2957	0.0297	0.8640	0.0530	0.0956
48.8	0.3388	0.0195	0.9293	0.3248	0.0824	0.8754	0.0465	0.1498
48.9	0.3262	0.1112	0.9411	0.3143	0.1040	0.9025	0.0478	0.1355
49.0	0.1915	0.0891	0.9270	0.1466	0.0123	0.8576	0.0271	0.0585
49.1	0.1761	0.2027	0.8897	0.1544	0.0989	0.8504	0.0672	0.0793
49.2	0.1870	0.1648	0.8604	0.2073	0.0418	0.8088	0.0515	0.0790
49.3	0.2662	0.0883	0.8915	0.2539	0.0505	0.8267	0.0353	0.0973
49.4	0.2040	0.0123	0.8929	0.1823	0.0252	0.8132	0.0230	0.0547
49.5	0.1010	0.0667	0.8977	0.0730	0.1054	0.8337	0.0618	0.1132
49.6	0.1381	0.1201	0.8903	0.1102	0.0761	0.8517	0.0795	0.1294
49.7	0.0816	0.0040	0.8760	0.0546	0.0490	0.7663	0.0299	0.0767
49.8	0.0517	0.1945	0.8867	0.0529	0.0016	0.7878	0.0182	0.0990
49.9	0.0931	0.3793	0.8612	0.1266	0.0316	0.8027	0.0743	0.2116
50.0	0.0854	0.2991	0.8166	0.1208	0.0205	0.7404	0.0619	0.2115
50.1	0.1446	0.3383	0.8858	0.1769	0.1011	0.8291	0.0703	0.2674
50.2	0.1657	0.3618	0.9297	0.1996	0.2260	0.8974	0.1367	0.3678
50.3	0.1296	0.3895	0.9426	0.2035	0.1187	0.9216	0.2600	0.3715
50.4	0.1708	0.1731	0.8978	0.2049	0.1021	0.8759	0.1377	0.3045
50.5	0.1305	0.2284	0.8994	0.1645	0.1259	0.8720	0.1825	0.3647
50.6	0.1994	0.2411	0.9050	0.2660	0.0995	0.8992	0.2120	0.3170
50.7	0.1012	0.1410	0.9136	0.2123	0.1088	0.9017	0.2043	0.1812
50.8	0.0859	0.2955	0.9306	0.1861	0.1319	0.9289	0.2714	0.2578
50.9	0.0715	0.4730	0.9379	0.1329	0.2302	0.9291	0.3046	0.4917

51.0	0.1784	0.4350	0.9245	0.1971	0.2099	0.9027	0.3403	0.5122
51.1	0.1781	0.5175	0.9377	0.1905	0.2368	0.9073	0.3658	0.5118
51.2	0.0828	0.5222	0.9130	0.1341	0.1167	0.9034	0.4242	0.4926
51.3	0.0616	0.4819	0.8824	0.0604	0.0839	0.8779	0.3600	0.4539
51.4	0.1278	0.3656	0.8331	0.1001	0.0419	0.8239	0.2083	0.2745
51.5	0.1639	0.2568	0.8226	0.1963	0.0710	0.8130	0.0854	0.2371
51.6	0.1917	0.5070	0.9015	0.3139	0.1871	0.9118	0.2427	0.4403
51.7	0.1259	0.5617	0.9209	0.2928	0.1849	0.9434	0.2868	0.4948
51.8	0.0470	0.6707	0.9264	0.1449	0.0590	0.9184	0.4245	0.5546
51.9	0.0787	0.7003	0.9401	0.1566	0.1035	0.9043	0.4071	0.6325
52.0	0.0910	0.6897	0.9390	0.1649	0.0529	0.8875	0.4254	0.6261
52.1	0.1638	0.7514	0.9482	0.1935	0.0592	0.9175	0.4247	0.6898
52.2	0.0991	0.8039	0.9384	0.1583	0.0577	0.9155	0.4266	0.7152
52.3	0.1973	0.8162	0.9387	0.2731	0.0559	0.9085	0.4314	0.7599
52.4	0.1857	0.7769	0.9413	0.2651	0.0561	0.9079	0.3824	0.6910
52.5	0.0728	0.7412	0.9397	0.1835	0.0677	0.8970	0.4554	0.6537
52.6	0.0248	0.6147	0.9408	0.1712	0.1876	0.8971	0.2326	0.6608
52.7	0.1225	0.4518	0.9028	0.2959	0.1012	0.8574	0.2599	0.5351
52.8	0.2092	0.3270	0.9026	0.3822	0.0186	0.8647	0.3867	0.5106
52.9	0.0912	0.4892	0.9367	0.2615	0.0825	0.8992	0.4088	0.6941
53.0	0.0382	0.6082	0.9578	0.2316	0.1333	0.9258	0.4583	0.7941
53.1	0.0241	0.6091	0.9431	0.0845	0.0732	0.9044	0.4499	0.7205
53.2	0.0123	0.6781	0.9556	0.1487	0.0557	0.9268	0.5582	0.7511
53.3	0.0347	0.6671	0.9598	0.1932	0.1176	0.9350	0.4084	0.7686
53.4	0.0088	0.6573	0.9518	0.0895	0.1095	0.9274	0.4616	0.7812
53.5	0.0042	0.5551	0.9326	0.1531	0.0689	0.9004	0.4218	0.7807
53.6	0.0078	0.5534	0.9372	0.1063	0.1481	0.8902	0.4730	0.7920
53.7	0.0073	0.6792	0.9653	0.1420	0.2333	0.9340	0.5682	0.8281
53.8	0.0638	0.7848	0.9700	0.0824	0.2973	0.9422	0.5139	0.8668
53.9	0.1207	0.7998	0.9595	0.0080	0.2701	0.9320	0.5715	0.8586
54.0	0.1659	0.6604	0.9457	0.0060	0.1556	0.9298	0.5672	0.8067
54.1	0.0521	0.4539	0.9279	0.0744	0.2765	0.9042	0.4279	0.7930
54.2	0.0178	0.7600	0.9516	0.1426	0.4337	0.9335	0.5255	0.8641
54.3	0.0787	0.8764	0.9643	0.1985	0.4205	0.9590	0.6554	0.9034
54.4	0.0850	0.8978	0.9671	0.1650	0.3864	0.9660	0.7445	0.9194
54.5	0.1731	0.8702	0.9549	0.1156	0.5231	0.9524	0.6904	0.8987
54.6	0.1923	0.8413	0.9453	0.0436	0.4037	0.9421	0.6003	0.8625
54.7	0.0297	0.8658	0.9493	0.1211	0.4297	0.9419	0.5413	0.8791
54.8	0.1282	0.8952	0.9543	0.0261	0.4294	0.9551	0.5216	0.8889
54.9	0.1900	0.9437	0.9669	0.0140	0.6552	0.9624	0.6560	0.9280
55.0	0.2183	0.9486	0.9647	0.0238	0.6209	0.9690	0.6876	0.9246
55.1	0.2418	0.9383	0.9541	0.0288	0.5401	0.9625	0.6232	0.9116
55.2	0.1889	0.9329	0.9421	0.0827	0.3841	0.9500	0.6204	0.8925
55.3	0.1374	0.9431	0.9440	0.1946	0.3844	0.9572	0.6778	0.9037
55.4	0.0714	0.9433	0.9453	0.2267	0.4225	0.9623	0.6383	0.9194
55.5	0.2162	0.9355	0.9454	0.0858	0.5077	0.9613	0.6344	0.9172
55.6	0.3476	0.9322	0.9459	0.0334	0.4806	0.9614	0.5318	0.8901
55.7	0.3996	0.9413	0.9397	0.0151	0.4333	0.9578	0.6720	0.9024
55.8	0.3726	0.9542	0.9462	0.0442	0.4616	0.9613	0.7366	0.9208
55.9	0.4139	0.9492	0.9396	0.0399	0.5044	0.9614	0.6922	0.9220
56.0	0.3971	0.9290	0.9356	0.1361	0.4719	0.9609	0.6571	0.9291
56.1	0.4946	0.9241	0.9410	0.1936	0.3649	0.9645	0.6332	0.9254
56.2	0.6389	0.9606	0.9561	0.1216	0.3998	0.9730	0.7110	0.9337
56.3	0.7245	0.9693	0.9604	0.0784	0.4457	0.9765	0.7493	0.9501
56.4	0.6809	0.9766	0.9628	0.1060	0.3544	0.9770	0.7266	0.9625
56.5	0.6936	0.9712	0.9661	0.1607	0.3385	0.9804	0.7494	0.9670
56.6	0.7431	0.9670	0.9546	0.0622	0.2690	0.9759	0.7250	0.9638
56.7	0.6979	0.9555	0.9583	0.0521	0.2548	0.9775	0.6482	0.9560
56.8	0.6529	0.9508	0.9403	0.0285	0.3823	0.9678	0.6166	0.9503
56.9	0.7550	0.9663	0.9509	0.0019	0.3674	0.9771	0.6836	0.9587
57.0	0.7971	0.9588	0.9421	0.0149	0.3218	0.9728	0.6153	0.9525
57.1	0.6789	0.9480	0.9274	0.0020	0.3351	0.9661	0.5514	0.9403
57.2	0.6676	0.9406	0.9161	0.0034	0.2452	0.9647	0.6797	0.9379
57.3	0.7551	0.9469	0.9174	0.0431	0.0589	0.9640	0.6246	0.9192
57.4	0.8151	0.9568	0.9335	0.0337	0.1510	0.9717	0.5507	0.9443
57.5	0.8804	0.9693	0.9504	0.0604	0.3395	0.9756	0.6705	0.9622
57.6	0.8874	0.9770	0.9580	0.0171	0.3939	0.9799	0.7429	0.9788
57.7	0.8565	0.9692	0.9497	0.0145	0.3472	0.9806	0.6457	0.9667
57.8	0.8430	0.9699	0.9314	0.0797	0.1994	0.9759	0.6685	0.9656
57.9	0.8701	0.9759	0.9362	0.1015	0.2678	0.9783	0.6896	0.9728
58.0	0.8735	0.9696	0.9324	0.0640	0.3449	0.9736	0.6377	0.9632
58.1	0.8782	0.9601	0.9124	0.1836	0.2775	0.9715	0.5838	0.9679
58.2	0.8537	0.9136	0.8532	0.2152	0.0868	0.9532	0.4302	0.9456
58.3	0.8829	0.9105	0.8734	0.2789	0.2303	0.9547	0.5462	0.9527
58.4	0.9129	0.9627	0.9220	0.1432	0.2498	0.9733	0.5845	0.9562
58.5	0.9265	0.9719	0.9189	0.1145	0.1888	0.9719	0.4770	0.9503
58.6	0.9133	0.9627	0.9008	0.0832	0.2767	0.9653	0.4455	0.9469
58.7	0.8976	0.9495	0.8841	0.0433	0.2433	0.9659	0.4298	0.9304
58.8	0.9219	0.9692	0.9168	0.1248	0.2574	0.9719	0.5164	0.9450
58.9	0.9373	0.9716	0.9056	0.2524	0.2032	0.9735	0.4815	0.9395
59.0	0.9220	0.9662	0.8639	0.3301	0.1669	0.9753	0.4003	0.9114
59.1	0.9201	0.9718	0.8517	0.2639	0.0980	0.9741	0.2222	0.8786
59.2	0.9488	0.9762	0.8691	0.1779	0.2221	0.9727	0.2023	0.8933
59.3	0.9657	0.9764	0.8615	0.2203	0.2857	0.9738	0.2288	0.8961
59.4	0.9597	0.9705	0.8222	0.1707	0.2089	0.9677	0.1722	0.9091
59.5	0.9460	0.9614	0.7819	0.1713	0.1277	0.9620	0.1515	0.8679

59.6	0.9486	0.9517	0.8157	0.1743	0.1338	0.9648	0.1158	0.8516
59.7	0.9510	0.9576	0.8603	0.1920	0.2699	0.9669	0.1305	0.8620
59.8	0.9577	0.9521	0.8116	0.2501	0.2336	0.9609	0.1312	0.8496
59.9	0.9478	0.9546	0.6954	0.0912	0.2886	0.9603	0.0095	0.7909
60.0	0.9427	0.9568	0.6035	0.0194	0.2461	0.9624	0.0169	0.8580
60.1	0.9617	0.9732	0.7515	0.0906	0.1991	0.9710	0.0625	0.8960
60.2	0.9755	0.9801	0.8191	0.3098	0.3003	0.9782	0.0472	0.8999
60.3	0.9737	0.9697	0.8206	0.3421	0.3498	0.9730	0.0843	0.8994
60.4	0.9787	0.9643	0.8102	0.3395	0.2035	0.9652	0.1917	0.9129
60.5	0.9751	0.9588	0.7351	0.3623	0.1530	0.9639	0.1234	0.8697
60.6	0.9742	0.9651	0.7711	0.2465	0.1881	0.9671	0.2314	0.8601
60.7	0.9803	0.9710	0.7857	0.3180	0.3040	0.9724	0.1178	0.8366
60.8	0.9809	0.9697	0.7559	0.3933	0.4290	0.9749	0.0748	0.8757
60.9	0.9638	0.9530	0.6537	0.3225	0.2867	0.9672	0.0660	0.8074
61.0	0.9670	0.9598	0.6682	0.2419	0.3616	0.9693	0.1997	0.8023
61.1	0.9710	0.9627	0.6118	0.2524	0.3773	0.9651	0.2317	0.8210
61.2	0.9759	0.9617	0.5975	0.2448	0.3740	0.9622	0.2970	0.8241
61.3	0.9785	0.9503	0.6164	0.2677	0.2836	0.9639	0.3633	0.8110
61.4	0.9765	0.9565	0.5973	0.4088	0.2868	0.9720	0.2367	0.7938
61.5	0.9714	0.9637	0.5629	0.4978	0.4291	0.9732	0.1923	0.8271
61.6	0.9786	0.9638	0.5529	0.4342	0.3978	0.9733	0.3387	0.8496
61.7	0.9793	0.9589	0.5040	0.4731	0.4101	0.9652	0.3672	0.8078
61.8	0.9775	0.9553	0.4270	0.5345	0.4785	0.9665	0.3706	0.8010
61.9	0.9754	0.9460	0.4535	0.5037	0.4610	0.9650	0.4284	0.8124
62.0	0.9757	0.9516	0.4742	0.5977	0.5471	0.9722	0.4368	0.8288
62.1	0.9785	0.9618	0.4465	0.5958	0.5244	0.9693	0.4258	0.7949
62.2	0.9765	0.9535	0.4332	0.5356	0.5182	0.9589	0.4112	0.8115
62.3	0.9770	0.9479	0.5668	0.6048	0.5192	0.9661	0.4765	0.8204
62.4	0.9743	0.9342	0.5184	0.5537	0.4847	0.9588	0.3778	0.7671
62.5	0.9758	0.9385	0.4749	0.5741	0.5110	0.9612	0.3744	0.7489
62.6	0.9787	0.9527	0.5465	0.6687	0.5842	0.9679	0.4607	0.7940
62.7	0.9717	0.9545	0.5226	0.5894	0.5499	0.9648	0.4174	0.7517
62.8	0.9660	0.9471	0.5280	0.5708	0.5471	0.9658	0.3918	0.6789
62.9	0.9759	0.9417	0.6259	0.6195	0.6223	0.9697	0.4435	0.7172
63.0	0.9729	0.9345	0.7739	0.6512	0.5867	0.9620	0.3656	0.7959
63.1	0.9720	0.9239	0.7762	0.5686	0.6056	0.9608	0.3608	0.7617
63.2	0.9636	0.9092	0.7698	0.4800	0.5788	0.9532	0.3598	0.7638
63.3	0.9740	0.9415	0.8386	0.6133	0.6811	0.9648	0.4410	0.8019
63.4	0.9741	0.9419	0.8387	0.6803	0.7167	0.9624	0.3993	0.8127
63.5	0.9806	0.9470	0.8590	0.6905	0.7164	0.9710	0.4791	0.8428
63.6	0.9760	0.9432	0.8836	0.6821	0.6756	0.9628	0.4537	0.8178
63.7	0.9749	0.9526	0.8922	0.7298	0.7291	0.9663	0.3988	0.8351
63.8	0.9790	0.9535	0.8988	0.6773	0.7230	0.9723	0.4633	0.8363
63.9	0.9725	0.9319	0.8889	0.5488	0.6898	0.9625	0.4412	0.8229
64.0	0.9773	0.9310	0.9065	0.5775	0.7056	0.9665	0.4369	0.8124
64.1	0.9660	0.9250	0.8845	0.5164	0.6576	0.9590	0.3928	0.7095
64.2	0.9474	0.9016	0.8711	0.3882	0.6214	0.9434	0.3477	0.6754
64.3	0.9612	0.9262	0.8800	0.3498	0.7418	0.9626	0.3021	0.7154
64.4	0.9667	0.9264	0.9026	0.2970	0.7518	0.9644	0.3810	0.7187
64.5	0.9646	0.9346	0.9059	0.4468	0.7578	0.9685	0.3608	0.7204
64.6	0.9668	0.9412	0.8967	0.4477	0.7918	0.9700	0.3854	0.7284
64.7	0.9632	0.9257	0.8949	0.5060	0.7738	0.9559	0.4143	0.7151
64.8	0.9728	0.9333	0.9096	0.5904	0.7643	0.9608	0.5170	0.7605
64.9	0.9685	0.9217	0.9167	0.5207	0.7280	0.9606	0.5238	0.7812
65.0	0.9625	0.8794	0.8839	0.4914	0.6997	0.9487	0.4061	0.6678
65.1	0.9736	0.8977	0.9223	0.5514	0.7701	0.9491	0.3847	0.6747
65.2	0.9707	0.9310	0.9370	0.5418	0.7583	0.9676	0.3729	0.6701
65.3	0.9625	0.9342	0.9228	0.5803	0.7497	0.9632	0.4383	0.6507
65.4	0.9666	0.9086	0.9253	0.5403	0.7553	0.9578	0.4822	0.6797
65.5	0.9706	0.8969	0.9366	0.5928	0.7518	0.9532	0.5310	0.7180
65.6	0.9654	0.9079	0.9535	0.6724	0.7959	0.9544	0.5288	0.7305
65.7	0.9611	0.9145	0.9523	0.7052	0.8023	0.9580	0.5204	0.6712
65.8	0.9743	0.9124	0.9443	0.7701	0.7679	0.9609	0.5546	0.6517
65.9	0.9626	0.9177	0.9520	0.7599	0.7867	0.9651	0.6120	0.7389
66.0	0.9635	0.9044	0.9545	0.8013	0.8172	0.9577	0.5335	0.6860
66.1	0.9763	0.9130	0.9632	0.8352	0.8213	0.9628	0.5988	0.6654
66.2	0.9761	0.9160	0.9561	0.8105	0.7921	0.9704	0.6408	0.6591
66.3	0.9762	0.9055	0.9661	0.8395	0.8228	0.9674	0.5854	0.6764
66.4	0.9812	0.9146	0.9670	0.8774	0.8397	0.9742	0.6491	0.6924
66.5	0.9794	0.9296	0.9605	0.8979	0.8378	0.9745	0.6315	0.6659
66.6	0.9799	0.9231	0.9647	0.8939	0.8510	0.9680	0.6279	0.6770
66.7	0.9658	0.8983	0.9571	0.8682	0.7924	0.9504	0.5572	0.5976
66.8	0.9738	0.9269	0.9508	0.8933	0.7906	0.9625	0.5368	0.5321
66.9	0.9791	0.9187	0.9644	0.9041	0.8527	0.9650	0.5241	0.6560
67.0	0.9690	0.9119	0.9607	0.8571	0.8523	0.9583	0.3648	0.6368
67.1	0.9749	0.9180	0.9676	0.8768	0.8369	0.9633	0.3753	0.6156
67.2	0.9720	0.9328	0.9602	0.8754	0.8897	0.9705	0.4937	0.6307
67.3	0.9586	0.9213	0.9448	0.8635	0.8669	0.9609	0.3924	0.5718
67.4	0.9694	0.9039	0.9560	0.9088	0.8396	0.9591	0.4137	0.6050
67.5	0.9821	0.9295	0.9742	0.9409	0.9065	0.9746	0.4023	0.7244
67.6	0.9716	0.8892	0.9609	0.9041	0.8922	0.9694	0.2972	0.6359
67.7	0.9783	0.8945	0.9567	0.9161	0.8864	0.9743	0.2541	0.5862
67.8	0.9741	0.9193	0.9659	0.9415	0.9068	0.9690	0.2974	0.6618
67.9	0.9579	0.8823	0.9609	0.9201	0.8727	0.9493	0.0820	0.6673
68.0	0.9563	0.8683	0.9542	0.9254	0.8487	0.9486	0.1012	0.6270
68.1	0.9679	0.8916	0.9704	0.9372	0.8769	0.9641	0.1607	0.7388

68.2	0.9607	0.8517	0.9668	0.9224	0.8806	0.9682	0.2139	0.6416
68.3	0.9560	0.8475	0.9624	0.9293	0.8811	0.9735	0.3264	0.4817
68.4	0.9431	0.7941	0.9667	0.9010	0.8378	0.9556	0.2027	0.5075
68.5	0.9490	0.8093	0.9724	0.9245	0.8668	0.9682	0.1960	0.6359
68.6	0.9601	0.8464	0.9785	0.9184	0.8702	0.9712	0.3424	0.6158
68.7	0.9502	0.7998	0.9717	0.9119	0.8664	0.9545	0.1806	0.5330
68.8	0.9457	0.6733	0.9687	0.9170	0.8801	0.9423	0.0787	0.5064
68.9	0.9602	0.6840	0.9766	0.9313	0.8971	0.9562	0.1447	0.5202
69.0	0.9532	0.5820	0.9751	0.9278	0.8402	0.9627	0.2045	0.4948
69.1	0.9413	0.5991	0.9731	0.9232	0.7842	0.9544	0.1632	0.5757
69.2	0.9301	0.6024	0.9760	0.8932	0.7924	0.9619	0.1318	0.5706
69.3	0.8981	0.5641	0.9768	0.8756	0.7682	0.9498	0.0406	0.4987
69.4	0.9119	0.5213	0.9774	0.8820	0.7889	0.9466	0.0326	0.4776
69.5	0.9215	0.5541	0.9766	0.8771	0.8065	0.9566	0.0329	0.4550
69.6	0.9353	0.5227	0.9773	0.8888	0.8237	0.9636	0.1007	0.5110
69.7	0.9151	0.5419	0.9763	0.8651	0.7792	0.9520	0.0356	0.5220
69.8	0.9117	0.3389	0.9692	0.8724	0.7618	0.9442	0.0192	0.3392
69.9	0.9305	0.3336	0.9747	0.8852	0.7298	0.9557	0.2182	0.4879
70.0	0.9108	0.3664	0.9736	0.8856	0.7268	0.9521	0.2725	0.4708
70.1	0.9058	0.2736	0.9743	0.8991	0.7759	0.9481	0.0639	0.3913
70.2	0.8623	0.3515	0.9727	0.8534	0.6854	0.9359	0.0575	0.4354
70.3	0.9134	0.4089	0.9806	0.8848	0.7311	0.9506	0.1720	0.5365
70.4	0.8932	0.2404	0.9722	0.9075	0.7479	0.9432	0.1956	0.4177
70.5	0.7935	0.2113	0.9572	0.8615	0.7534	0.9276	0.0991	0.2347
70.6	0.8416	0.3475	0.9638	0.8754	0.7949	0.9426	0.0783	0.3369
70.7	0.8390	0.4252	0.9688	0.8033	0.7509	0.9310	0.1515	0.4152
70.8	0.8247	0.3815	0.9666	0.7952	0.8328	0.9340	0.1115	0.3074
70.9	0.8662	0.4218	0.9690	0.8569	0.8524	0.9321	0.0728	0.3671
71.0	0.8608	0.4162	0.9598	0.8510	0.8025	0.9212	0.0872	0.3358
71.1	0.8990	0.5267	0.9662	0.8424	0.7852	0.9194	0.1453	0.3835
71.2	0.9136	0.5689	0.9655	0.7976	0.7697	0.9252	0.1000	0.3990
71.3	0.9133	0.5443	0.9602	0.7941	0.8113	0.9117	0.1096	0.3837
71.4	0.8971	0.4656	0.9554	0.7833	0.7877	0.9095	0.2117	0.2741
71.5	0.8713	0.5145	0.9610	0.7765	0.7797	0.9248	0.2880	0.2536
71.6	0.8482	0.5494	0.9674	0.7774	0.8058	0.9057	0.0723	0.3227
71.7	0.8782	0.6167	0.9713	0.7766	0.7909	0.9116	0.0613	0.3881
71.8	0.8645	0.5605	0.9687	0.7252	0.7505	0.9132	0.1144	0.3219
71.9	0.8582	0.5856	0.9727	0.7618	0.7949	0.9338	0.2660	0.3317
72.0	0.8820	0.6334	0.9811	0.8097	0.8358	0.9435	0.2229	0.3707
72.1	0.8308	0.5239	0.9671	0.6982	0.8196	0.8914	0.0620	0.3101
72.2	0.7833	0.5058	0.9519	0.6176	0.7930	0.8645	0.0578	0.3023
72.3	0.8202	0.5946	0.9620	0.6061	0.8442	0.9115	0.1636	0.4150
72.4	0.8744	0.6003	0.9697	0.6839	0.8669	0.9333	0.2695	0.4624
72.5	0.8407	0.5799	0.9650	0.6469	0.8313	0.9125	0.1750	0.3762
72.6	0.6801	0.3474	0.9338	0.3898	0.7304	0.8154	0.1097	0.1436
72.7	0.7737	0.5135	0.9528	0.4969	0.7110	0.8640	0.0723	0.3108
72.8	0.7818	0.5155	0.9548	0.4033	0.7753	0.8832	0.1674	0.3129
72.9	0.7841	0.5405	0.9513	0.2643	0.7932	0.8798	0.2061	0.3070
73.0	0.7884	0.5003	0.9568	0.4193	0.8178	0.8656	0.0517	0.2537
73.1	0.8344	0.5053	0.9642	0.5237	0.8178	0.8708	0.0758	0.2261
73.2	0.8338	0.5280	0.9617	0.4066	0.8301	0.8805	0.0198	0.3212
73.3	0.7716	0.4172	0.9437	0.2672	0.7943	0.8360	0.0516	0.2097
73.4	0.7320	0.3607	0.9302	0.2921	0.7888	0.8084	0.1146	0.1467
73.5	0.7981	0.4973	0.9546	0.1414	0.8253	0.8618	0.2445	0.2896
73.6	0.8455	0.5208	0.9569	0.2360	0.8581	0.8700	0.2011	0.2970
73.7	0.8651	0.5737	0.9580	0.1671	0.8087	0.8607	0.1685	0.3659
73.8	0.8664	0.6130	0.9658	0.1007	0.8559	0.8740	0.2435	0.3580
73.9	0.8202	0.4457	0.9434	0.1099	0.8328	0.8035	0.1288	0.1544
74.0	0.8147	0.4015	0.9416	0.0910	0.8446	0.8214	0.1633	0.1577
74.1	0.8428	0.5076	0.9461	0.1279	0.8226	0.8418	0.2235	0.2518
74.2	0.8710	0.6081	0.9501	0.1544	0.8057	0.8628	0.0974	0.2894
74.3	0.8637	0.5622	0.9362	0.1464	0.7959	0.8291	0.0853	0.2363
74.4	0.8593	0.5109	0.9386	0.2194	0.7921	0.8000	0.1507	0.1728
74.5	0.8540	0.4733	0.9449	0.1713	0.7824	0.8357	0.1954	0.1743
74.6	0.8501	0.4744	0.9425	0.2759	0.7938	0.8705	0.3242	0.2726
74.7	0.8450	0.5041	0.9400	0.3075	0.7753	0.8566	0.2185	0.2415
74.8	0.8346	0.4964	0.9108	0.3090	0.6919	0.8054	0.1759	0.2607
74.9	0.8409	0.4979	0.9074	0.2466	0.6884	0.7817	0.0791	0.2406
75.0	0.8526	0.5075	0.9139	0.4287	0.7056	0.7897	0.1081	0.2021
75.1	0.8662	0.5552	0.9135	0.5165	0.7532	0.7730	0.1543	0.2353
75.2	0.7999	0.3406	0.8684	0.5873	0.7184	0.6563	0.2394	0.0826
75.3	0.7390	0.3292	0.8159	0.4104	0.6128	0.6347	0.1030	0.0883
75.4	0.8321	0.5699	0.8789	0.4325	0.6559	0.7603	0.0959	0.2923
75.5	0.8114	0.3892	0.8421	0.4644	0.6696	0.6618	0.1589	0.1463
75.6	0.8442	0.4410	0.8726	0.6337	0.7398	0.6800	0.3052	0.1230
75.7	0.8794	0.6115	0.8729	0.6989	0.7802	0.7271	0.2757	0.1390
75.8	0.8630	0.6566	0.8137	0.6306	0.8069	0.6049	0.1717	0.0802
75.9	0.7937	0.4916	0.7771	0.5415	0.6972	0.5381	0.0794	0.0802
76.0	0.7736	0.4232	0.7250	0.6146	0.6198	0.4520	0.1824	0.0429
76.1	0.7899	0.5041	0.7089	0.7100	0.6556	0.4430	0.1213	0.0573
76.2	0.8160	0.5289	0.7515	0.7198	0.7004	0.4825	0.0127	0.1625
76.3	0.8429	0.5867	0.7154	0.7287	0.6725	0.4082	0.0936	0.0989
76.4	0.8469	0.6094	0.5919	0.7502	0.7111	0.2382	0.1736	0.0621
76.5	0.7950	0.5241	0.5188	0.6228	0.5606	0.1719	0.0946	0.0628
76.6	0.7684	0.5996	0.5185	0.6364	0.5554	0.2759	0.0533	0.0956
76.7	0.8083	0.5755	0.4755	0.6895	0.6316	0.2534	0.0658	0.1035

76.8	0.8183	0.6426	0.3172	0.7159	0.6550	0.3333	0.1000	0.1038
76.9	0.8330	0.7090	0.3880	0.7974	0.6626	0.3425	0.0825	0.0521
77.0	0.8172	0.6791	0.4243	0.8154	0.7237	0.3089	0.0375	0.1175
77.1	0.7808	0.6066	0.3929	0.7843	0.6807	0.2602	0.0950	0.0493
77.2	0.7321	0.5630	0.4015	0.7402	0.5850	0.2964	0.0896	0.0225
77.3	0.7804	0.6758	0.2860	0.7297	0.6384	0.4700	0.0970	0.0410
77.4	0.8311	0.7629	0.3973	0.8356	0.7741	0.5706	0.0479	0.0853
77.5	0.8288	0.7705	0.4020	0.8769	0.7378	0.6453	0.0631	0.1401
77.6	0.7912	0.7039	0.3289	0.8299	0.7019	0.6128	0.0229	0.1531
77.7	0.8049	0.7713	0.3770	0.8134	0.7640	0.7214	0.0288	0.1331
77.8	0.8811	0.8437	0.4492	0.8786	0.8334	0.7805	0.0028	0.1693
77.9	0.8770	0.8483	0.5316	0.9142	0.8476	0.8041	0.0094	0.1012
78.0	0.8130	0.7782	0.4966	0.8542	0.7908	0.7221	0.0312	0.1210
78.1	0.8138	0.7796	0.4529	0.8211	0.7723	0.7290	0.0125	0.0547
78.2	0.7999	0.7481	0.5112	0.8187	0.7733	0.6663	0.0116	0.1066
78.3	0.8829	0.8560	0.6242	0.9009	0.8473	0.8086	0.0115	0.1155
78.4	0.9119	0.8889	0.7067	0.8966	0.8631	0.8155	0.0398	0.0877
78.5	0.9240	0.8947	0.8040	0.8928	0.8609	0.7987	0.0392	0.1453
78.6	0.8906	0.8584	0.7403	0.8805	0.8428	0.7787	0.0280	0.1392
78.7	0.9115	0.8848	0.7717	0.8887	0.8516	0.8064	0.0200	0.1729
78.8	0.9158	0.8888	0.7661	0.8806	0.8698	0.8010	0.1155	0.2809
78.9	0.9234	0.9090	0.8073	0.9016	0.8660	0.8247	0.0199	0.1978
79.0	0.9463	0.9349	0.8529	0.9213	0.8720	0.8537	0.0895	0.2872
79.1	0.9528	0.9426	0.8283	0.9475	0.9063	0.8870	0.1737	0.2589
79.2	0.9219	0.9025	0.7525	0.9022	0.8729	0.8456	0.1808	0.2098
79.3	0.9221	0.8971	0.7214	0.8929	0.8613	0.8070	0.0537	0.1568
79.4	0.9531	0.9425	0.7950	0.9383	0.8996	0.8870	0.0501	0.2184
79.5	0.9522	0.9431	0.8211	0.9320	0.8945	0.9034	0.0752	0.1951
79.6	0.9379	0.9216	0.8330	0.8800	0.8675	0.8649	0.0802	0.1800
79.7	0.9502	0.9374	0.8382	0.9008	0.8506	0.8841	0.1010	0.1462
79.8	0.9492	0.9343	0.8203	0.9114	0.8501	0.8839	0.0980	0.1953
79.9	0.9510	0.9388	0.8652	0.9175	0.8584	0.8801	0.0620	0.2396
80.0	0.9399	0.9253	0.8452	0.9061	0.8732	0.8719	0.0215	0.2891

2.2.102 Run 9 – IP270A10 – Accels 41–47

In-plane shaking at 270° with LRTA at $\alpha = -10°$. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9560	0.9390	0.8343	0.9151	0.6388	0.6532	0.6446
0.1	0.8441	0.7729	0.4887	0.6920	0.3478	0.3602	0.3316
0.2	0.0752	0.0159	0.0043	0.0085	0.0242	0.0098	0.0379
0.3	0.0490	0.0594	0.0756	0.0180	0.0069	0.0099	0.0420
0.4	0.0525	0.0875	0.0117	0.0274	0.0121	0.0380	0.0190
0.5	0.0933	0.1510	0.0229	0.0796	0.0002	0.0339	0.0003
0.6	0.0258	0.0585	0.0388	0.0290	0.0351	0.0103	0.0053
0.7	0.0414	0.0719	0.0442	0.0555	0.0550	0.0711	0.0320
0.8	0.0168	0.4351	0.0007	0.1343	0.4907	0.0312	0.3319
0.9	0.0429	0.6966	0.0004	0.1862	0.7058	0.0013	0.6095
1.0	0.0074	0.6239	0.0065	0.0367	0.6841	0.0194	0.6279
1.1	0.1482	0.8008	0.0215	0.0098	0.8301	0.0275	0.8404
1.2	0.4126	0.8511	0.1206	0.1692	0.8621	0.1116	0.8992
1.3	0.6748	0.8917	0.3464	0.4696	0.8967	0.3697	0.9396
1.4	0.4884	0.8330	0.4177	0.4428	0.8413	0.5587	0.9431
1.5	0.3054	0.7015	0.2999	0.3826	0.7244	0.5222	0.9564
1.6	0.3463	0.6440	0.0463	0.4666	0.6853	0.3534	0.9460
1.7	0.6446	0.8422	0.2131	0.6447	0.8524	0.7257	0.9280
1.8	0.7479	0.8510	0.6382	0.5518	0.8537	0.8234	0.8819
1.9	0.7527	0.8755	0.8184	0.4866	0.8759	0.8593	0.8814
2.0	0.8075	0.7355	0.6942	0.5674	0.7353	0.7111	0.7407
2.1	0.8831	0.7598	0.5921	0.7957	0.7597	0.6914	0.7634
2.2	0.7007	0.8763	0.7234	0.6428	0.8769	0.7608	0.8811
2.3	0.4777	0.9359	0.7052	0.4452	0.9358	0.5775	0.9432
2.4	0.4625	0.9706	0.7724	0.4170	0.9700	0.3265	0.9723
2.5	0.8614	0.9820	0.8923	0.8243	0.9821	0.7466	0.9820
2.6	0.9299	0.9813	0.8830	0.8809	0.9814	0.7327	0.9815
2.7	0.9722	0.9882	0.9281	0.9356	0.9884	0.8270	0.9885
2.8	0.9858	0.9900	0.9242	0.9583	0.9898	0.7832	0.9897
2.9	0.9888	0.9926	0.9180	0.9645	0.9925	0.7274	0.9920
3.0	0.9903	0.9929	0.8940	0.9556	0.9928	0.6522	0.9924
3.1	0.9876	0.9925	0.8730	0.9342	0.9924	0.5052	0.9920
3.2	0.9860	0.9928	0.8688	0.9294	0.9931	0.4381	0.9922
3.3	0.9887	0.9938	0.8550	0.9492	0.9939	0.4892	0.9926
3.4	0.9888	0.9967	0.8611	0.9594	0.9966	0.6060	0.9962
3.5	0.9888	0.9960	0.8350	0.9448	0.9960	0.6517	0.9952
3.6	0.9880	0.9948	0.8086	0.9346	0.9947	0.6065	0.9935
3.7	0.9793	0.9948	0.7923	0.9076	0.9948	0.7668	0.9933
3.8	0.9775	0.9958	0.6845	0.9144	0.9958	0.8495	0.9943
3.9	0.9840	0.9968	0.6793	0.9233	0.9968	0.8603	0.9953
4.0	0.9845	0.9971	0.7403	0.9245	0.9971	0.9095	0.9958
4.1	0.9848	0.9978	0.7458	0.9323	0.9978	0.9528	0.9969
4.2	0.9844	0.9979	0.7362	0.9320	0.9980	0.9542	0.9967
4.3	0.9819	0.9970	0.6161	0.9225	0.9970	0.9374	0.9948
4.4	0.9786	0.9972	0.5999	0.8955	0.9973	0.9356	0.9956
4.5	0.9748	0.9971	0.5044	0.8482	0.9970	0.9410	0.9949
4.6	0.9721	0.9973	0.4822	0.8504	0.9972	0.9489	0.9949
4.7	0.9720	0.9979	0.5032	0.8515	0.9978	0.9523	0.9954
4.8	0.9626	0.9981	0.4661	0.8243	0.9981	0.9498	0.9956
4.9	0.9637	0.9981	0.4985	0.7833	0.9982	0.9601	0.9956
5.0	0.9495	0.9984	0.4364	0.7344	0.9983	0.9646	0.9967
5.1	0.9442	0.9985	0.3394	0.7311	0.9985	0.9638	0.9954
5.2	0.9438	0.9978	0.2951	0.6077	0.9976	0.9605	0.9918
5.3	0.9356	0.9982	0.2501	0.6275	0.9980	0.9526	0.9939
5.4	0.9208	0.9988	0.3016	0.5566	0.9985	0.9344	0.9949
5.5	0.8522	0.9983	0.2319	0.2918	0.9982	0.8899	0.9911
5.6	0.8240	0.9978	0.2443	0.2422	0.9979	0.8886	0.9898
5.7	0.8086	0.9975	0.3997	0.2548	0.9974	0.9068	0.9890
5.8	0.7717	0.9974	0.5392	0.2151	0.9975	0.9326	0.9874
5.9	0.7426	0.9963	0.5499	0.0724	0.9963	0.9221	0.9794
6.0	0.7527	0.9969	0.5685	0.1186	0.9968	0.9166	0.9812
6.1	0.8368	0.9984	0.6992	0.2513	0.9983	0.9430	0.9873
6.2	0.8273	0.9976	0.7182	0.2740	0.9975	0.9377	0.9806
6.3	0.8468	0.9970	0.7709	0.3402	0.9970	0.9382	0.9732
6.4	0.8126	0.9959	0.7991	0.3633	0.9963	0.9318	0.9638
6.5	0.6975	0.9972	0.6889	0.3636	0.9971	0.8468	0.9683
6.6	0.6338	0.9976	0.7610	0.4592	0.9977	0.8745	0.9660
6.7	0.4635	0.9970	0.7230	0.5244	0.9971	0.8217	0.9552
6.8	0.7159	0.9968	0.7918	0.7502	0.9970	0.8442	0.9386
6.9	0.7561	0.9981	0.7160	0.7205	0.9981	0.7504	0.9559
7.0	0.8252	0.9989	0.7003	0.7761	0.9990	0.6833	0.9716
7.1	0.9051	0.9991	0.8193	0.8698	0.9991	0.7748	0.9574
7.2	0.9545	0.9992	0.9070	0.9068	0.9991	0.8452	0.9399
7.3	0.9615	0.9992	0.9325	0.9022	0.9992	0.8581	0.9032
7.4	0.9554	0.9991	0.9141	0.8708	0.9990	0.7660	0.8533
7.5	0.9538	0.9989	0.9103	0.8552	0.9988	0.6367	0.8174
7.6	0.9311	0.9984	0.8804	0.8325	0.9984	0.4163	0.7344
7.7	0.9356	0.9984	0.8331	0.7673	0.9986	0.3234	0.8176
7.8	0.9338	0.9987	0.8485	0.7253	0.9989	0.3769	0.8320
7.9	0.9307	0.9990	0.8477	0.7383	0.9992	0.3272	0.8445

8.0	0.9469	0.9992	0.9086	0.7809	0.9991	0.4631	0.9156
8.1	0.9427	0.9994	0.9382	0.8310	0.9992	0.6795	0.9470
8.2	0.9635	0.9996	0.9602	0.8630	0.9994	0.7518	0.9744
8.3	0.9634	0.9996	0.9568	0.8053	0.9994	0.5761	0.9671
8.4	0.9615	0.9995	0.9644	0.8274	0.9995	0.5094	0.9761
8.5	0.9336	0.9994	0.9449	0.7901	0.9996	0.6209	0.9880
8.6	0.9485	0.9996	0.9445	0.7801	0.9996	0.7412	0.9904
8.7	0.9542	0.9994	0.9622	0.7536	0.9995	0.8474	0.9936
8.8	0.9380	0.9994	0.9409	0.7330	0.9995	0.8702	0.9935
8.9	0.9088	0.9992	0.9454	0.6900	0.9993	0.9013	0.9939
9.0	0.9182	0.9988	0.9395	0.6249	0.9990	0.8647	0.9913
9.1	0.9212	0.9991	0.9544	0.6060	0.9990	0.8926	0.9928
9.2	0.9091	0.9993	0.9531	0.5874	0.9991	0.8677	0.9940
9.3	0.8889	0.9993	0.9458	0.5371	0.9993	0.8519	0.9954
9.4	0.8773	0.9991	0.9570	0.4529	0.9991	0.7796	0.9958
9.5	0.8962	0.9989	0.9677	0.4301	0.9990	0.7086	0.9929
9.6	0.9418	0.9992	0.9801	0.3424	0.9993	0.7826	0.9950
9.7	0.9432	0.9992	0.9835	0.2247	0.9992	0.8478	0.9962
9.8	0.9341	0.9990	0.9863	0.2528	0.9990	0.8949	0.9955
9.9	0.8990	0.9983	0.9852	0.2674	0.9980	0.9208	0.9947
10.0	0.7973	0.9966	0.9768	0.2870	0.9960	0.8761	0.9928
10.1	0.9162	0.9979	0.9898	0.6110	0.9978	0.9512	0.9940
10.2	0.9446	0.9981	0.9882	0.7642	0.9977	0.9641	0.9941
10.3	0.9533	0.9985	0.9886	0.8876	0.9984	0.9781	0.9958
10.4	0.9511	0.9984	0.9903	0.8544	0.9983	0.9677	0.9957
10.5	0.9426	0.9979	0.9891	0.8582	0.9978	0.9704	0.9951
10.6	0.9511	0.9980	0.9914	0.8714	0.9979	0.9822	0.9965
10.7	0.9470	0.9977	0.9919	0.8700	0.9975	0.9834	0.9967
10.8	0.9452	0.9979	0.9903	0.8362	0.9978	0.9854	0.9962
10.9	0.9249	0.9983	0.9907	0.8508	0.9983	0.9900	0.9949
11.0	0.9156	0.9987	0.9924	0.8973	0.9986	0.9935	0.9966
11.1	0.8595	0.9979	0.9907	0.8957	0.9977	0.9915	0.9959
11.2	0.7637	0.9981	0.9889	0.8833	0.9980	0.9815	0.9930
11.3	0.7253	0.9977	0.9872	0.9117	0.9975	0.9826	0.9930
11.4	0.8369	0.9972	0.9867	0.9298	0.9968	0.9757	0.9948
11.5	0.8887	0.9973	0.9852	0.9313	0.9972	0.9659	0.9939
11.6	0.9445	0.9979	0.9914	0.9478	0.9979	0.9697	0.9951
11.7	0.9630	0.9978	0.9930	0.9511	0.9978	0.9658	0.9961
11.8	0.9674	0.9980	0.9932	0.9381	0.9979	0.9534	0.9959
11.9	0.9671	0.9977	0.9925	0.9099	0.9975	0.9394	0.9956
12.0	0.9645	0.9971	0.9911	0.8630	0.9969	0.9490	0.9940
12.1	0.9684	0.9974	0.9923	0.8749	0.9974	0.9709	0.9958
12.2	0.9642	0.9968	0.9911	0.8657	0.9969	0.9795	0.9960
12.3	0.9684	0.9972	0.9921	0.8867	0.9972	0.9873	0.9964
12.4	0.9679	0.9972	0.9927	0.9086	0.9974	0.9899	0.9964
12.5	0.9713	0.9976	0.9931	0.9202	0.9977	0.9894	0.9969
12.6	0.9718	0.9974	0.9914	0.9260	0.9972	0.9885	0.9962
12.7	0.9755	0.9968	0.9911	0.9397	0.9966	0.9933	0.9960
12.8	0.9647	0.9955	0.9894	0.9284	0.9953	0.9922	0.9951
12.9	0.9611	0.9959	0.9910	0.9382	0.9959	0.9924	0.9958
13.0	0.9563	0.9961	0.9909	0.9557	0.9961	0.9939	0.9957
13.1	0.9408	0.9949	0.9883	0.9400	0.9950	0.9940	0.9940
13.2	0.9214	0.9954	0.9903	0.9365	0.9956	0.9943	0.9948
13.3	0.8934	0.9933	0.9867	0.9321	0.9934	0.9945	0.9922
13.4	0.8800	0.9939	0.9873	0.9361	0.9936	0.9955	0.9931
13.5	0.8570	0.9924	0.9857	0.9218	0.9921	0.9937	0.9919
13.6	0.8585	0.9884	0.9826	0.9062	0.9884	0.9913	0.9886
13.7	0.8352	0.9877	0.9787	0.8770	0.9878	0.9921	0.9879
13.8	0.9209	0.9918	0.9872	0.9165	0.9917	0.9938	0.9919
13.9	0.9035	0.9866	0.9796	0.9027	0.9868	0.9893	0.9853
14.0	0.8928	0.9821	0.9728	0.8900	0.9822	0.9868	0.9803
14.1	0.9120	0.9876	0.9817	0.9055	0.9878	0.9913	0.9873
14.2	0.9153	0.9857	0.9795	0.8840	0.9858	0.9890	0.9849
14.3	0.9022	0.9809	0.9729	0.8652	0.9810	0.9826	0.9784
14.4	0.8971	0.9777	0.9682	0.8457	0.9781	0.9815	0.9759
14.5	0.9051	0.9747	0.9649	0.8472	0.9752	0.9780	0.9724
14.6	0.9123	0.9784	0.9671	0.8543	0.9786	0.9814	0.9753
14.7	0.9013	0.9733	0.9608	0.8449	0.9733	0.9764	0.9702
14.8	0.8665	0.9627	0.9476	0.7769	0.9634	0.9632	0.9596
14.9	0.9041	0.9722	0.9646	0.8628	0.9729	0.9705	0.9695
15.0	0.8553	0.9656	0.9597	0.7609	0.9665	0.9602	0.9615
15.1	0.7123	0.9533	0.9478	0.6667	0.9538	0.9487	0.9491
15.2	0.4549	0.9398	0.9303	0.5915	0.9401	0.9397	0.9373
15.3	0.2241	0.9223	0.9149	0.5173	0.9230	0.9182	0.9182
15.4	0.0520	0.9252	0.9214	0.4070	0.9259	0.9151	0.9205
15.5	0.1925	0.9234	0.9200	0.3995	0.9245	0.9122	0.9193
15.6	0.3361	0.8959	0.8962	0.3041	0.8963	0.8823	0.8914
15.7	0.4444	0.8975	0.9058	0.2686	0.8978	0.8829	0.8966
15.8	0.5328	0.9191	0.9308	0.3664	0.9188	0.9006	0.9177
15.9	0.6872	0.9209	0.9346	0.5413	0.9205	0.9019	0.9207
16.0	0.6663	0.9402	0.9593	0.5320	0.9404	0.9190	0.9415
16.1	0.7754	0.9678	0.9763	0.6476	0.9678	0.9497	0.9664
16.2	0.8164	0.9794	0.9843	0.6487	0.9795	0.9638	0.9780
16.3	0.8733	0.9851	0.9893	0.7405	0.9852	0.9704	0.9836
16.4	0.8607	0.9831	0.9895	0.7155	0.9829	0.9640	0.9829
16.5	0.8554	0.9879	0.9911	0.7174	0.9879	0.9662	0.9881

16.6	0.8000	0.9877	0.9885	0.5871	0.9879	0.9579	0.9884
16.7	0.7720	0.9839	0.9858	0.4605	0.9842	0.9514	0.9845
16.8	0.7070	0.9849	0.9877	0.2726	0.9850	0.9521	0.9869
16.9	0.7050	0.9870	0.9920	0.2784	0.9867	0.9521	0.9895
17.0	0.6738	0.9879	0.9886	0.2947	0.9876	0.9458	0.9896
17.1	0.5851	0.9849	0.9800	0.2007	0.9850	0.9120	0.9880
17.2	0.4465	0.9897	0.9803	0.0113	0.9899	0.9577	0.9919
17.3	0.5065	0.9927	0.9857	0.0842	0.9927	0.9738	0.9932
17.4	0.6162	0.9926	0.9822	0.1271	0.9928	0.9817	0.9928
17.5	0.6228	0.9942	0.9849	0.0802	0.9945	0.9885	0.9939
17.6	0.6701	0.9953	0.9883	0.2791	0.9954	0.9861	0.9946
17.7	0.7816	0.9946	0.9861	0.4764	0.9947	0.9900	0.9942
17.8	0.7863	0.9952	0.9866	0.4048	0.9954	0.9920	0.9951
17.9	0.8049	0.9944	0.9856	0.4900	0.9946	0.9899	0.9940
18.0	0.8286	0.9935	0.9858	0.6309	0.9937	0.9893	0.9932
18.1	0.8836	0.9944	0.9902	0.7300	0.9943	0.9890	0.9947
18.2	0.9161	0.9952	0.9912	0.8011	0.9952	0.9899	0.9953
18.3	0.9352	0.9959	0.9927	0.8274	0.9959	0.9921	0.9960
18.4	0.9338	0.9956	0.9909	0.8333	0.9956	0.9894	0.9957
18.5	0.9059	0.9949	0.9853	0.7583	0.9950	0.9765	0.9954
18.6	0.8064	0.9940	0.9682	0.5299	0.9942	0.9752	0.9937
18.7	0.8012	0.9950	0.9843	0.1961	0.9951	0.9863	0.9953
18.8	0.8793	0.9945	0.9883	0.2450	0.9946	0.9876	0.9947
18.9	0.8398	0.9908	0.9769	0.2585	0.9910	0.9827	0.9903
19.0	0.8420	0.9920	0.9785	0.2133	0.9921	0.9880	0.9913
19.1	0.8754	0.9944	0.9855	0.2707	0.9943	0.9921	0.9945
19.2	0.9118	0.9949	0.9896	0.3605	0.9950	0.9931	0.9950
19.3	0.9132	0.9940	0.9879	0.4852	0.9941	0.9939	0.9938
19.4	0.8825	0.9925	0.9854	0.3627	0.9927	0.9923	0.9924
19.5	0.9196	0.9939	0.9897	0.4642	0.9941	0.9952	0.9944
19.6	0.9178	0.9936	0.9870	0.4865	0.9937	0.9952	0.9933
19.7	0.9209	0.9929	0.9862	0.4789	0.9930	0.9950	0.9926
19.8	0.9340	0.9938	0.9874	0.5160	0.9938	0.9947	0.9932
19.9	0.9147	0.9918	0.9858	0.4477	0.9919	0.9955	0.9931
20.0	0.9263	0.9930	0.9875	0.5082	0.9929	0.9950	0.9940
20.1	0.9456	0.9938	0.9875	0.6286	0.9937	0.9951	0.9935
20.2	0.9279	0.9904	0.9866	0.4716	0.9905	0.9962	0.9930
20.3	0.9272	0.9917	0.9856	0.4159	0.9918	0.9970	0.9933
20.4	0.9342	0.9905	0.9842	0.4477	0.9907	0.9952	0.9921
20.5	0.9371	0.9909	0.9863	0.4245	0.9910	0.9959	0.9926
20.6	0.9346	0.9898	0.9871	0.4066	0.9899	0.9968	0.9930
20.7	0.9093	0.9838	0.9796	0.1784	0.9841	0.9943	0.9884
20.8	0.9215	0.9843	0.9816	0.2081	0.9845	0.9945	0.9889
20.9	0.9412	0.9844	0.9870	0.2576	0.9845	0.9952	0.9910
21.0	0.9260	0.9804	0.9811	0.0805	0.9806	0.9926	0.9876
21.1	0.9220	0.9778	0.9773	0.0068	0.9780	0.9912	0.9851
21.2	0.9326	0.9761	0.9800	0.0020	0.9761	0.9912	0.9862
21.3	0.9238	0.9679	0.9816	0.0457	0.9677	0.9915	0.9848
21.4	0.9303	0.9693	0.9808	0.0770	0.9692	0.9907	0.9840
21.5	0.9197	0.9612	0.9756	0.0479	0.9612	0.9872	0.9801
21.6	0.9258	0.9575	0.9805	0.0940	0.9575	0.9897	0.9829
21.7	0.9309	0.9491	0.9808	0.1237	0.9486	0.9900	0.9831
21.8	0.9094	0.9411	0.9715	0.2748	0.9407	0.9835	0.9753
21.9	0.8735	0.9006	0.9731	0.4019	0.9001	0.9815	0.9694
22.0	0.8700	0.9120	0.9776	0.5141	0.9117	0.9824	0.9729
22.1	0.8792	0.9260	0.9763	0.4808	0.9257	0.9808	0.9748
22.2	0.8866	0.9220	0.9726	0.6177	0.9200	0.9792	0.9751
22.3	0.8636	0.9219	0.9667	0.6244	0.9203	0.9761	0.9677
22.4	0.8597	0.9155	0.9672	0.4915	0.9137	0.9706	0.9628
22.5	0.9060	0.9301	0.9769	0.5329	0.9283	0.9807	0.9779
22.6	0.8806	0.9152	0.9741	0.5261	0.9126	0.9814	0.9745
22.7	0.8662	0.9138	0.9724	0.5409	0.9119	0.9752	0.9687
22.8	0.8703	0.9082	0.9684	0.4963	0.9066	0.9698	0.9617
22.9	0.8929	0.9051	0.9747	0.5096	0.9042	0.9754	0.9663
23.0	0.8796	0.9093	0.9687	0.3761	0.9104	0.9703	0.9562
23.1	0.8837	0.9061	0.9717	0.4439	0.9061	0.9742	0.9597
23.2	0.8540	0.8981	0.9664	0.4506	0.8972	0.9723	0.9514
23.3	0.8293	0.9049	0.9578	0.4277	0.9050	0.9586	0.9379
23.4	0.8129	0.8995	0.9652	0.5035	0.8991	0.9652	0.9411
23.5	0.8369	0.8915	0.9688	0.3509	0.8919	0.9618	0.9531
23.6	0.7533	0.8370	0.9610	0.3618	0.8382	0.9584	0.9449
23.7	0.7159	0.8628	0.9641	0.4916	0.8615	0.9646	0.9592
23.8	0.5914	0.8086	0.9538	0.5889	0.8088	0.9454	0.9530
23.9	0.5082	0.7695	0.9702	0.5631	0.7732	0.9571	0.9665
24.0	0.5964	0.7768	0.9736	0.4653	0.7733	0.9666	0.9799
24.1	0.4633	0.6514	0.9575	0.3470	0.6495	0.9463	0.9673
24.2	0.4271	0.6468	0.9650	0.3172	0.6464	0.9572	0.9718
24.3	0.3431	0.5855	0.9633	0.3895	0.5655	0.9584	0.9722
24.4	0.3511	0.3959	0.9395	0.1738	0.3587	0.9343	0.9522
24.5	0.5014	0.3017	0.9323	0.0609	0.2594	0.9288	0.9470
24.6	0.5875	0.2300	0.9370	0.1486	0.1752	0.9281	0.9501
24.7	0.6079	0.1412	0.9456	0.2370	0.0877	0.9310	0.9541
24.8	0.6026	0.0996	0.9546	0.0286	0.0595	0.9452	0.9631
24.9	0.4474	0.1330	0.9578	0.0245	0.1138	0.9550	0.9656
25.0	0.3181	0.1850	0.9539	0.1279	0.1924	0.9462	0.9598
25.1	0.4044	0.1671	0.9507	0.0488	0.2296	0.9399	0.9581

25.2	0.5575	0.2552	0.9295	0.0016	0.3180	0.9162	0.9396
25.3	0.5514	0.5687	0.9304	0.0526	0.5723	0.9127	0.9405
25.4	0.5468	0.7033	0.9143	0.1100	0.7196	0.8864	0.9254
25.5	0.4613	0.6627	0.8995	0.0514	0.6769	0.8707	0.9113
25.6	0.4939	0.7843	0.9046	0.0210	0.7933	0.8730	0.9157
25.7	0.4594	0.8427	0.9201	0.0262	0.8590	0.8924	0.9293
25.8	0.4674	0.8617	0.8743	0.0099	0.8748	0.8432	0.8899
25.9	0.5558	0.8852	0.8735	0.0425	0.8991	0.8378	0.8910
26.0	0.5774	0.9012	0.8790	0.1262	0.9141	0.8472	0.8961
26.1	0.5674	0.9007	0.8709	0.0473	0.9129	0.8331	0.8899
26.2	0.5712	0.9162	0.8780	0.0957	0.9328	0.8453	0.8948
26.3	0.5281	0.9061	0.8442	0.0009	0.9229	0.8096	0.8659
26.4	0.6059	0.8735	0.8257	0.0112	0.8869	0.7982	0.8494
26.5	0.6709	0.8601	0.8412	0.0318	0.8676	0.8170	0.8640
26.6	0.7060	0.8812	0.8514	0.0538	0.8786	0.8287	0.8716
26.7	0.7495	0.8719	0.8413	0.1171	0.8696	0.7994	0.8557
26.8	0.7782	0.8645	0.8332	0.1420	0.8640	0.7806	0.8422
26.9	0.8214	0.8894	0.8619	0.3454	0.8907	0.8158	0.8676
27.0	0.8320	0.8930	0.8654	0.4290	0.8922	0.8209	0.8684
27.1	0.8136	0.8603	0.8251	0.4651	0.8587	0.7712	0.8268
27.2	0.7993	0.8380	0.8044	0.6635	0.8426	0.7457	0.8056
27.3	0.7757	0.7704	0.7436	0.6101	0.7707	0.6845	0.7493
27.4	0.8521	0.8386	0.8046	0.7310	0.8371	0.7414	0.8069
27.5	0.8162	0.8270	0.8209	0.6909	0.8291	0.7692	0.8256
27.6	0.7451	0.7803	0.7642	0.6658	0.7799	0.7085	0.7684
27.7	0.7828	0.7982	0.7924	0.7667	0.7986	0.7435	0.7962
27.8	0.7982	0.7832	0.7886	0.7807	0.7809	0.7425	0.7972
27.9	0.7239	0.7349	0.7605	0.7060	0.7386	0.7209	0.7695
28.0	0.7320	0.7828	0.7953	0.7333	0.7911	0.7635	0.8023
28.1	0.7284	0.7586	0.7845	0.7320	0.7724	0.7556	0.7971
28.2	0.7075	0.6717	0.7508	0.6461	0.6744	0.7142	0.7625
28.3	0.6479	0.6024	0.6873	0.6440	0.6102	0.6538	0.7058
28.4	0.7142	0.7009	0.7635	0.7326	0.6974	0.7409	0.7806
28.5	0.7281	0.7350	0.7993	0.7589	0.7297	0.7814	0.8154
28.6	0.7195	0.7462	0.8181	0.7642	0.7381	0.8061	0.8366
28.7	0.7238	0.6841	0.7935	0.7418	0.6618	0.7783	0.8117
28.8	0.6655	0.6337	0.7468	0.7048	0.6081	0.7345	0.7645
28.9	0.7343	0.7123	0.8175	0.7718	0.7000	0.8117	0.8359
29.0	0.7625	0.6763	0.8131	0.8099	0.6560	0.8058	0.8402
29.1	0.7759	0.6424	0.8203	0.7936	0.6119	0.8044	0.8547
29.2	0.7324	0.5988	0.8164	0.7609	0.5784	0.7856	0.8583
29.3	0.7482	0.7127	0.8722	0.8071	0.6895	0.8645	0.9020
29.4	0.7328	0.7163	0.8929	0.7945	0.6771	0.8826	0.9171
29.5	0.7086	0.7534	0.8771	0.7992	0.6940	0.8607	0.9131
29.6	0.6662	0.6750	0.8373	0.7774	0.6220	0.8375	0.8816
29.7	0.6339	0.5628	0.8125	0.7258	0.5266	0.8287	0.8645
29.8	0.6949	0.5276	0.8315	0.7570	0.5047	0.8237	0.8693
29.9	0.6028	0.6110	0.8448	0.7680	0.5767	0.8559	0.8946
30.0	0.6350	0.6281	0.8577	0.7731	0.6058	0.8810	0.9140
30.1	0.7225	0.5766	0.8782	0.7761	0.5239	0.8750	0.9120
30.2	0.6836	0.5558	0.8367	0.7359	0.5064	0.8480	0.8873
30.3	0.5862	0.4411	0.7848	0.6113	0.4243	0.7915	0.8416
30.4	0.6300	0.3324	0.7669	0.6777	0.2907	0.7668	0.8255
30.5	0.6189	0.4281	0.7900	0.7201	0.3928	0.7948	0.8411
30.6	0.6245	0.4406	0.8064	0.7557	0.4037	0.8317	0.8611
30.7	0.6795	0.4677	0.8470	0.7930	0.4523	0.8478	0.8821
30.8	0.7187	0.2754	0.7913	0.7713	0.2397	0.7946	0.8376
30.9	0.7206	0.3489	0.7713	0.7543	0.3280	0.7949	0.8233
31.0	0.6888	0.3525	0.8036	0.7441	0.3278	0.8220	0.8466
31.1	0.6291	0.3746	0.8188	0.7449	0.3412	0.8265	0.8555
31.2	0.6061	0.3666	0.7175	0.6842	0.3191	0.7420	0.7680
31.3	0.6615	0.2125	0.6896	0.6052	0.1679	0.7201	0.7570
31.4	0.6048	0.1991	0.6839	0.6222	0.1666	0.7057	0.7508
31.5	0.6055	0.1850	0.6786	0.6575	0.1492	0.7103	0.7383
31.6	0.5681	0.1539	0.5765	0.5162	0.1262	0.6225	0.6392
31.7	0.5490	0.1228	0.5885	0.5239	0.0866	0.6198	0.6318
31.8	0.5433	0.0937	0.5849	0.4953	0.0549	0.5985	0.6403
31.9	0.5063	0.1243	0.5506	0.5239	0.0696	0.5944	0.6226
32.0	0.5273	0.0296	0.4150	0.3842	0.0142	0.4785	0.5147
32.1	0.6151	0.0147	0.3632	0.4312	0.0009	0.4233	0.4739
32.2	0.5243	0.0623	0.4838	0.5306	0.0197	0.5279	0.5831
32.3	0.5625	0.0386	0.4887	0.5090	0.0189	0.5451	0.6093
32.4	0.6505	0.0060	0.4117	0.4750	0.0657	0.4985	0.5604
32.5	0.6448	0.0197	0.3797	0.4961	0.0832	0.4863	0.5732
32.6	0.5616	0.0187	0.3467	0.5056	0.0288	0.4135	0.5282
32.7	0.5520	0.0218	0.2620	0.4643	0.0537	0.3206	0.4302
32.8	0.6058	0.0595	0.2595	0.6137	0.1215	0.3478	0.4993
32.9	0.5730	0.1068	0.2485	0.6774	0.1931	0.3368	0.5130
33.0	0.5528	0.0939	0.4303	0.6600	0.1586	0.5181	0.6428
33.1	0.5608	0.0940	0.4993	0.7358	0.1540	0.5733	0.6952
33.2	0.5678	0.0804	0.3983	0.6584	0.1655	0.4686	0.6654
33.3	0.6055	0.1157	0.3390	0.7001	0.2121	0.4166	0.6451
33.4	0.6286	0.1415	0.3862	0.8317	0.2472	0.4684	0.6947
33.5	0.7388	0.2108	0.4840	0.8661	0.3290	0.5647	0.7787
33.6	0.7426	0.1478	0.4290	0.8253	0.2605	0.5458	0.7401
33.7	0.6575	0.1619	0.4152	0.7617	0.2513	0.5352	0.6852

33.8	0.7188	0.0731	0.5590	0.7291	0.1676	0.6831	0.7805
33.9	0.7471	0.0151	0.5042	0.7665	0.1193	0.6346	0.7814
34.0	0.7655	0.0031	0.4670	0.8131	0.0891	0.6189	0.7974
34.1	0.7775	0.0260	0.5201	0.8119	0.1456	0.6540	0.7856
34.2	0.7773	0.0581	0.5756	0.8059	0.2173	0.7079	0.7859
34.3	0.7735	0.0719	0.6810	0.8455	0.2127	0.7857	0.8427
34.4	0.7669	0.1357	0.6527	0.8099	0.3036	0.7503	0.8387
34.5	0.8368	0.1281	0.7299	0.8352	0.2955	0.8007	0.8745
34.6	0.8905	0.2824	0.8138	0.8196	0.4473	0.8699	0.9042
34.7	0.8822	0.2479	0.8332	0.7775	0.4035	0.8875	0.9175
34.8	0.8403	0.1460	0.7450	0.6963	0.2987	0.8292	0.8791
34.9	0.8549	0.2320	0.7540	0.7858	0.4103	0.8402	0.8877
35.0	0.8735	0.2209	0.8243	0.7910	0.4088	0.8898	0.9277
35.1	0.8754	0.1987	0.8070	0.8210	0.3345	0.8911	0.9259
35.2	0.8835	0.1618	0.8796	0.8429	0.2765	0.9316	0.9424
35.3	0.8591	0.1529	0.8979	0.8164	0.2936	0.9382	0.9536
35.4	0.8389	0.1998	0.8452	0.7200	0.3123	0.9033	0.9295
35.5	0.8769	0.2506	0.8704	0.7593	0.3621	0.9259	0.9423
35.6	0.8811	0.1643	0.8518	0.7121	0.3425	0.9228	0.9392
35.7	0.8953	0.1188	0.8334	0.7483	0.3203	0.9226	0.9408
35.8	0.9202	0.1015	0.8250	0.7486	0.3191	0.9084	0.9363
35.9	0.9003	0.0644	0.8085	0.7519	0.2590	0.9027	0.9277
36.0	0.9022	0.0449	0.7615	0.8093	0.2106	0.8784	0.9076
36.1	0.8853	0.0869	0.8331	0.7739	0.2974	0.8899	0.9141
36.2	0.9123	0.1431	0.8720	0.7488	0.3429	0.9128	0.9443
36.3	0.8835	0.2868	0.8094	0.6618	0.3709	0.8749	0.9120
36.4	0.8629	0.2221	0.7897	0.6586	0.3303	0.8666	0.9002
36.5	0.8643	0.2753	0.7899	0.4139	0.4430	0.8581	0.8870
36.6	0.9051	0.4889	0.8837	0.2974	0.6171	0.9229	0.9321
36.7	0.9203	0.5458	0.8995	0.2820	0.6461	0.9341	0.9413
36.8	0.9089	0.5896	0.8921	0.1566	0.6629	0.9307	0.9382
36.9	0.9043	0.5757	0.9078	0.0494	0.6690	0.9396	0.9491
37.0	0.9192	0.6159	0.9155	0.0022	0.7100	0.9445	0.9556
37.1	0.9176	0.6600	0.9326	0.1248	0.7337	0.9551	0.9601
37.2	0.9251	0.6783	0.9556	0.1140	0.7513	0.9723	0.9715
37.3	0.9055	0.6281	0.9511	0.0852	0.7241	0.9696	0.9721
37.4	0.8773	0.5569	0.9424	0.1603	0.6567	0.9634	0.9655
37.5	0.9271	0.6406	0.9713	0.2202	0.7356	0.9820	0.9804
37.6	0.9239	0.6369	0.9742	0.2900	0.7476	0.9849	0.9821
37.7	0.9238	0.6361	0.9725	0.3063	0.7463	0.9845	0.9825
37.8	0.9298	0.6382	0.9729	0.3524	0.7471	0.9823	0.9855
37.9	0.9273	0.6971	0.9719	0.4749	0.7684	0.9842	0.9845
38.0	0.9451	0.6710	0.9773	0.3720	0.7699	0.9879	0.9860
38.1	0.9224	0.6325	0.9790	0.3317	0.7560	0.9896	0.9861
38.2	0.8669	0.5711	0.9747	0.3713	0.7018	0.9851	0.9782
38.3	0.8958	0.6229	0.9777	0.4240	0.7429	0.9855	0.9797
38.4	0.9400	0.6824	0.9796	0.4987	0.8027	0.9866	0.9829
38.5	0.9412	0.6813	0.9771	0.4939	0.8075	0.9851	0.9813
38.6	0.9142	0.6532	0.9729	0.4749	0.7968	0.9815	0.9787
38.7	0.8935	0.5880	0.9752	0.4190	0.7536	0.9820	0.9810
38.8	0.9324	0.6300	0.9846	0.4778	0.7803	0.9872	0.9869
38.9	0.9327	0.6504	0.9810	0.5043	0.7945	0.9822	0.9837
39.0	0.9035	0.6068	0.9791	0.5086	0.7672	0.9809	0.9793
39.1	0.8888	0.6368	0.9783	0.5238	0.7924	0.9816	0.9839
39.2	0.8834	0.6843	0.9764	0.5668	0.8125	0.9810	0.9849
39.3	0.8931	0.7562	0.9781	0.6033	0.8544	0.9801	0.9842
39.4	0.9136	0.7402	0.9789	0.5628	0.8596	0.9783	0.9823
39.5	0.8936	0.8198	0.9767	0.5490	0.9051	0.9771	0.9820
39.6	0.9019	0.8540	0.9793	0.5738	0.9145	0.9815	0.9831
39.7	0.9172	0.7913	0.9788	0.4666	0.8860	0.9779	0.9836
39.8	0.9069	0.8036	0.9758	0.5003	0.8975	0.9751	0.9808
39.9	0.9238	0.8306	0.9754	0.5283	0.9090	0.9761	0.9845
40.0	0.9221	0.8589	0.9792	0.5900	0.9197	0.9759	0.9843
40.1	0.9078	0.8607	0.9709	0.6011	0.9275	0.9683	0.9806
40.2	0.8703	0.8323	0.9662	0.5252	0.9074	0.9598	0.9801
40.3	0.8721	0.8744	0.9714	0.5566	0.9275	0.9688	0.9835
40.4	0.8748	0.8867	0.9686	0.5362	0.9336	0.9618	0.9837
40.5	0.9040	0.8674	0.9618	0.4382	0.9236	0.9518	0.9770
40.6	0.9218	0.9143	0.9628	0.5458	0.9486	0.9526	0.9748
40.7	0.9142	0.9101	0.9544	0.5416	0.9537	0.9482	0.9754
40.8	0.8823	0.9197	0.9546	0.4440	0.9535	0.9542	0.9780
40.9	0.8959	0.9035	0.9636	0.3388	0.9351	0.9549	0.9738
41.0	0.9106	0.9173	0.9695	0.3341	0.9488	0.9598	0.9839
41.1	0.8796	0.9311	0.9619	0.4183	0.9608	0.9544	0.9832
41.2	0.8867	0.9249	0.9448	0.4394	0.9530	0.9334	0.9764
41.3	0.8740	0.9493	0.9547	0.4164	0.9672	0.9377	0.9772
41.4	0.8725	0.9453	0.9483	0.2123	0.9676	0.9291	0.9767
41.5	0.8283	0.9371	0.9131	0.1480	0.9605	0.8865	0.9665
41.6	0.8525	0.9393	0.9171	0.1668	0.9595	0.8909	0.9707
41.7	0.8396	0.9502	0.9383	0.2505	0.9650	0.9243	0.9754
41.8	0.8646	0.9550	0.9508	0.2639	0.9728	0.9368	0.9819
41.9	0.8516	0.9537	0.9487	0.3207	0.9713	0.9329	0.9758
42.0	0.8321	0.9456	0.9410	0.3638	0.9654	0.9134	0.9694
42.1	0.8727	0.9615	0.9516	0.3862	0.9740	0.9290	0.9706
42.2	0.8422	0.9592	0.9370	0.4863	0.9770	0.9163	0.9719
42.3	0.8302	0.9388	0.9263	0.4804	0.9665	0.8969	0.9726

42.4	0.7961	0.8709	0.9160	0.3846	0.9281	0.8731	0.9688
42.5	0.7334	0.8994	0.9191	0.4049	0.9452	0.8844	0.9725
42.6	0.6885	0.8996	0.9249	0.3251	0.9484	0.8909	0.9678
42.7	0.7479	0.9381	0.9431	0.5295	0.9685	0.9124	0.9753
42.8	0.7150	0.9546	0.9391	0.5189	0.9737	0.8995	0.9776
42.9	0.6882	0.9487	0.9523	0.5378	0.9667	0.9244	0.9759
43.0	0.6257	0.9172	0.9491	0.5946	0.9415	0.9155	0.9712
43.1	0.7090	0.8766	0.9622	0.5026	0.9200	0.9301	0.9801
43.2	0.7615	0.8789	0.9626	0.4568	0.9293	0.9282	0.9790
43.3	0.8255	0.9265	0.9640	0.4251	0.9577	0.9379	0.9755
43.4	0.8388	0.9653	0.9486	0.4810	0.9782	0.9178	0.9733
43.5	0.8480	0.9699	0.9547	0.5482	0.9782	0.9302	0.9769
43.6	0.8558	0.9640	0.9691	0.6539	0.9749	0.9455	0.9834
43.7	0.8640	0.9592	0.9699	0.6965	0.9730	0.9432	0.9864
43.8	0.8765	0.9482	0.9671	0.6207	0.9664	0.9358	0.9802
43.9	0.8842	0.9557	0.9765	0.4569	0.9729	0.9563	0.9823
44.0	0.8821	0.9736	0.9851	0.5450	0.9834	0.9694	0.9872
44.1	0.8382	0.9719	0.9668	0.6576	0.9790	0.9579	0.9760
44.2	0.8312	0.9818	0.9628	0.7155	0.9888	0.9547	0.9855
44.3	0.7947	0.9804	0.9715	0.6624	0.9853	0.9611	0.9875
44.4	0.6969	0.9652	0.9695	0.5550	0.9708	0.9429	0.9853
44.5	0.7560	0.9555	0.9679	0.4703	0.9648	0.9497	0.9861
44.6	0.7739	0.9672	0.9567	0.6032	0.9727	0.9420	0.9854
44.7	0.7639	0.9554	0.9506	0.5708	0.9625	0.9317	0.9840
44.8	0.7610	0.9339	0.9676	0.4538	0.9449	0.9588	0.9800
44.9	0.8032	0.9529	0.9703	0.4563	0.9584	0.9682	0.9652
45.0	0.8534	0.9639	0.9715	0.5653	0.9657	0.9786	0.9738
45.1	0.8789	0.9734	0.9863	0.6397	0.9779	0.9800	0.9890
45.2	0.8661	0.9445	0.9906	0.6078	0.9618	0.9822	0.9933
45.3	0.8220	0.8945	0.9699	0.4819	0.9310	0.9582	0.9889
45.4	0.7130	0.8967	0.9493	0.3680	0.9133	0.9447	0.9819
45.5	0.7319	0.9533	0.9728	0.4529	0.9595	0.9714	0.9848
45.6	0.8491	0.9648	0.9758	0.5283	0.9702	0.9723	0.9797
45.7	0.8727	0.9667	0.9637	0.5703	0.9720	0.9535	0.9754
45.8	0.8631	0.9565	0.9566	0.5996	0.9626	0.9459	0.9761
45.9	0.8503	0.9351	0.9552	0.6049	0.9420	0.9539	0.9661
46.0	0.8852	0.9656	0.9726	0.7047	0.9701	0.9672	0.9842
46.1	0.8791	0.9677	0.9576	0.6661	0.9724	0.9479	0.9856
46.2	0.8042	0.9074	0.9304	0.4471	0.9217	0.9212	0.9778
46.3	0.8390	0.9133	0.9088	0.4284	0.9211	0.8924	0.9858
46.4	0.7996	0.9454	0.9481	0.4070	0.9491	0.9441	0.9893
46.5	0.8412	0.9576	0.9848	0.1772	0.9695	0.9749	0.9930
46.6	0.8484	0.9366	0.9745	0.1317	0.9508	0.9624	0.9901
46.7	0.8000	0.8883	0.9683	0.1921	0.9127	0.9582	0.9860
46.8	0.8707	0.9446	0.9852	0.4833	0.9622	0.9809	0.9923
46.9	0.8863	0.9705	0.9853	0.5377	0.9793	0.9711	0.9936
47.0	0.8274	0.9725	0.9776	0.4937	0.9815	0.9712	0.9875
47.1	0.8064	0.9442	0.9669	0.3177	0.9602	0.9688	0.9825
47.2	0.8018	0.9445	0.9683	0.4063	0.9599	0.9709	0.9813
47.3	0.8066	0.9428	0.9571	0.4688	0.9543	0.9623	0.9840
47.4	0.8794	0.9560	0.9612	0.6263	0.9610	0.9666	0.9856
47.5	0.8656	0.9633	0.9449	0.5630	0.9684	0.9435	0.9873
47.6	0.8012	0.9391	0.9188	0.3828	0.9483	0.9353	0.9857
47.7	0.8080	0.9435	0.9032	0.3589	0.9521	0.9391	0.9880
47.8	0.8013	0.9378	0.8912	0.5079	0.9441	0.9034	0.9855
47.9	0.7244	0.8829	0.8029	0.4756	0.8924	0.8542	0.9797
48.0	0.7730	0.8481	0.8701	0.4806	0.8607	0.9153	0.9770
48.1	0.6423	0.7975	0.8493	0.5014	0.8140	0.8998	0.9818
48.2	0.6942	0.8874	0.9131	0.5240	0.8937	0.9306	0.9827
48.3	0.7402	0.8719	0.9094	0.4793	0.8945	0.9393	0.9864
48.4	0.5728	0.8680	0.9104	0.3953	0.8843	0.9487	0.9902
48.5	0.5328	0.9262	0.9387	0.4348	0.9326	0.9685	0.9930
48.6	0.4850	0.9271	0.9449	0.4940	0.9353	0.9737	0.9917
48.7	0.5714	0.9092	0.9401	0.5145	0.9182	0.9670	0.9869
48.8	0.6741	0.9265	0.9454	0.6480	0.9350	0.9736	0.9857
48.9	0.7323	0.9315	0.9621	0.6711	0.9408	0.9852	0.9885
49.0	0.6792	0.9144	0.9317	0.4881	0.9263	0.9707	0.9889
49.1	0.4761	0.8363	0.8218	0.4363	0.8511	0.9066	0.9806
49.2	0.5095	0.8872	0.9202	0.4855	0.8946	0.9503	0.9766
49.3	0.7137	0.9341	0.9616	0.6231	0.9363	0.9761	0.9849
49.4	0.7657	0.9060	0.9370	0.6406	0.9115	0.9576	0.9782
49.5	0.7973	0.8855	0.9330	0.5655	0.8971	0.9532	0.9819
49.6	0.7284	0.9126	0.9633	0.5884	0.9220	0.9749	0.9820
49.7	0.7672	0.9287	0.9611	0.6447	0.9360	0.9722	0.9815
49.8	0.8480	0.9498	0.9668	0.6933	0.9549	0.9738	0.9823
49.9	0.7849	0.8743	0.8960	0.6594	0.8819	0.9219	0.9651
50.0	0.7508	0.8153	0.8955	0.4796	0.8267	0.9204	0.9581
50.1	0.8766	0.9531	0.9691	0.6452	0.9555	0.9749	0.9832
50.2	0.9078	0.9747	0.9821	0.8054	0.9745	0.9843	0.9870
50.3	0.9214	0.9708	0.9771	0.8041	0.9709	0.9815	0.9869
50.4	0.8698	0.9616	0.9742	0.7467	0.9614	0.9784	0.9805
50.5	0.8716	0.9700	0.9750	0.7516	0.9686	0.9763	0.9846
50.6	0.8948	0.9673	0.9737	0.8247	0.9652	0.9759	0.9814
50.7	0.8990	0.9571	0.9694	0.7968	0.9553	0.9693	0.9704
50.8	0.9089	0.9628	0.9681	0.8119	0.9621	0.9672	0.9770
50.9	0.9333	0.9722	0.9681	0.8367	0.9714	0.9738	0.9810

51.0	0.8874	0.9461	0.9283	0.8108	0.9444	0.9427	0.9725
51.1	0.8592	0.9254	0.9021	0.8031	0.9236	0.9196	0.9586
51.2	0.8206	0.9090	0.8326	0.7228	0.9044	0.8525	0.9518
51.3	0.8522	0.9027	0.8872	0.6068	0.9023	0.8863	0.9747
51.4	0.8478	0.8597	0.9155	0.7443	0.8647	0.9204	0.9674
51.5	0.9152	0.9535	0.9589	0.8443	0.9526	0.9611	0.9642
51.6	0.9435	0.9677	0.9713	0.8676	0.9670	0.9711	0.9721
51.7	0.9560	0.9750	0.9779	0.8706	0.9744	0.9759	0.9793
51.8	0.9341	0.9657	0.9696	0.8506	0.9648	0.9676	0.9699
51.9	0.9259	0.9776	0.9765	0.8573	0.9756	0.9760	0.9765
52.0	0.9139	0.9701	0.9633	0.8373	0.9689	0.9616	0.9759
52.1	0.9321	0.9745	0.9719	0.8904	0.9737	0.9712	0.9786
52.2	0.9186	0.9580	0.9406	0.8476	0.9573	0.9447	0.9740
52.3	0.8914	0.9334	0.9015	0.7995	0.9313	0.9052	0.9667
52.4	0.8656	0.9439	0.9311	0.8042	0.9432	0.9366	0.9534
52.5	0.8713	0.9609	0.9393	0.8481	0.9600	0.9527	0.9564
52.6	0.8955	0.9671	0.9512	0.8193	0.9660	0.9563	0.9728
52.7	0.8119	0.8862	0.8637	0.7082	0.8879	0.8777	0.9531
52.8	0.8504	0.8566	0.8812	0.6667	0.8586	0.8686	0.9436
52.9	0.8716	0.9369	0.9293	0.7802	0.9348	0.9337	0.9482
53.0	0.9116	0.9734	0.9593	0.8279	0.9728	0.9702	0.9693
53.1	0.8913	0.9662	0.9530	0.8051	0.9679	0.9733	0.9578
53.2	0.9138	0.9732	0.9664	0.8039	0.9736	0.9771	0.9665
53.3	0.9261	0.9712	0.9660	0.7946	0.9702	0.9712	0.9731
53.4	0.9248	0.9557	0.9488	0.7881	0.9552	0.9470	0.9698
53.5	0.8896	0.9332	0.8862	0.6969	0.9325	0.8841	0.9581
53.6	0.8929	0.9473	0.9293	0.7528	0.9473	0.9350	0.9535
53.7	0.9347	0.9731	0.9674	0.8299	0.9741	0.9722	0.9737
53.8	0.9426	0.9711	0.9721	0.8388	0.9729	0.9711	0.9760
53.9	0.9406	0.9687	0.9656	0.8713	0.9699	0.9682	0.9682
54.0	0.9369	0.9586	0.9431	0.8694	0.9597	0.9462	0.9730
54.1	0.8921	0.9356	0.9101	0.8271	0.9353	0.9281	0.9626
54.2	0.9321	0.9665	0.9588	0.8545	0.9660	0.9635	0.9746
54.3	0.9672	0.9723	0.9762	0.8790	0.9728	0.9663	0.9822
54.4	0.9695	0.9781	0.9767	0.9068	0.9783	0.9688	0.9853
54.5	0.9593	0.9717	0.9595	0.9121	0.9726	0.9593	0.9797
54.6	0.9447	0.9561	0.9194	0.9012	0.9563	0.9330	0.9767
54.7	0.9312	0.9548	0.9233	0.8817	0.9525	0.9385	0.9761
54.8	0.9583	0.9650	0.9559	0.8936	0.9640	0.9479	0.9828
54.9	0.9733	0.9824	0.9781	0.9236	0.9832	0.9724	0.9867
55.0	0.9817	0.9856	0.9844	0.9379	0.9859	0.9761	0.9897
55.1	0.9787	0.9833	0.9812	0.9346	0.9831	0.9672	0.9867
55.2	0.9640	0.9726	0.9695	0.9151	0.9718	0.9516	0.9758
55.3	0.9683	0.9732	0.9717	0.9164	0.9722	0.9538	0.9794
55.4	0.9650	0.9748	0.9548	0.9171	0.9742	0.9481	0.9792
55.5	0.9580	0.9676	0.9229	0.9154	0.9659	0.9197	0.9792
55.6	0.9636	0.9675	0.9456	0.9232	0.9662	0.9380	0.9786
55.7	0.9754	0.9801	0.9772	0.9428	0.9794	0.9621	0.9824
55.8	0.9772	0.9834	0.9811	0.9530	0.9826	0.9685	0.9836
55.9	0.9732	0.9804	0.9704	0.9470	0.9796	0.9590	0.9827
56.0	0.9495	0.9641	0.8905	0.9218	0.9612	0.8927	0.9791
56.1	0.9521	0.9632	0.9067	0.9273	0.9593	0.9002	0.9823
56.2	0.9785	0.9800	0.9698	0.9623	0.9784	0.9623	0.9863
56.3	0.9835	0.9826	0.9808	0.9727	0.9816	0.9754	0.9855
56.4	0.9840	0.9845	0.9842	0.9704	0.9833	0.9745	0.9862
56.5	0.9872	0.9892	0.9894	0.9777	0.9886	0.9804	0.9897
56.6	0.9835	0.9863	0.9844	0.9793	0.9861	0.9814	0.9861
56.7	0.9826	0.9835	0.9823	0.9701	0.9832	0.9730	0.9828
56.8	0.9797	0.9812	0.9768	0.9653	0.9804	0.9675	0.9803
56.9	0.9870	0.9894	0.9789	0.9782	0.9889	0.9796	0.9873
57.0	0.9857	0.9875	0.9778	0.9796	0.9869	0.9751	0.9858
57.1	0.9695	0.9730	0.9071	0.9550	0.9715	0.9133	0.9829
57.2	0.9451	0.9531	0.8593	0.9272	0.9488	0.8591	0.9800
57.3	0.9518	0.9541	0.8926	0.9368	0.9508	0.8934	0.9771
57.4	0.9720	0.9572	0.9367	0.9546	0.9566	0.9203	0.9811
57.5	0.9791	0.9745	0.9656	0.9771	0.9749	0.9635	0.9845
57.6	0.9854	0.9855	0.9836	0.9852	0.9854	0.9821	0.9879
57.7	0.9878	0.9878	0.9855	0.9830	0.9876	0.9812	0.9875
57.8	0.9866	0.9865	0.9837	0.9808	0.9864	0.9785	0.9868
57.9	0.9881	0.9882	0.9862	0.9837	0.9882	0.9823	0.9882
58.0	0.9848	0.9859	0.9822	0.9828	0.9857	0.9792	0.9850
58.1	0.9840	0.9846	0.9821	0.9800	0.9844	0.9731	0.9819
58.2	0.9798	0.9812	0.9743	0.9788	0.9810	0.9677	0.9793
58.3	0.9810	0.9812	0.9776	0.9826	0.9811	0.9740	0.9830
58.4	0.9837	0.9815	0.9837	0.9810	0.9815	0.9695	0.9850
58.5	0.9820	0.9802	0.9802	0.9804	0.9799	0.9686	0.9819
58.6	0.9787	0.9768	0.9797	0.9771	0.9769	0.9652	0.9789
58.7	0.9774	0.9751	0.9800	0.9746	0.9749	0.9580	0.9797
58.8	0.9830	0.9836	0.9803	0.9838	0.9843	0.9741	0.9830
58.9	0.9854	0.9840	0.9801	0.9850	0.9848	0.9765	0.9829
59.0	0.9867	0.9849	0.9824	0.9842	0.9854	0.9768	0.9838
59.1	0.9861	0.9839	0.9845	0.9834	0.9840	0.9728	0.9854
59.2	0.9861	0.9832	0.9855	0.9848	0.9833	0.9714	0.9854
59.3	0.9881	0.9834	0.9834	0.9897	0.9846	0.9813	0.9852
59.4	0.9839	0.9805	0.9806	0.9853	0.9815	0.9754	0.9831
59.5	0.9796	0.9753	0.9788	0.9802	0.9764	0.9657	0.9824

59.6	0.9768	0.9704	0.9783	0.9774	0.9719	0.9654	0.9778
59.7	0.9788	0.9710	0.9787	0.9745	0.9726	0.9664	0.9793
59.8	0.9767	0.9707	0.9763	0.9523	0.9721	0.9614	0.9784
59.9	0.9800	0.9751	0.9766	0.0136	0.9769	0.9693	0.9303
60.0	0.9802	0.9770	0.9797	0.0011	0.9781	0.9721	0.8468
60.1	0.9859	0.9817	0.9836	0.0060	0.9822	0.9707	0.9579
60.2	0.9900	0.9882	0.9878	0.9657	0.9887	0.9804	0.9898
60.3	0.9859	0.9837	0.9864	0.9844	0.9841	0.9696	0.9857
60.4	0.9809	0.9759	0.9816	0.9821	0.9768	0.9628	0.9822
60.5	0.9836	0.9802	0.9806	0.9900	0.9821	0.9763	0.9870
60.6	0.9825	0.9774	0.9821	0.9872	0.9790	0.9659	0.9875
60.7	0.9846	0.9784	0.9831	0.9882	0.9802	0.9751	0.9870
60.8	0.9870	0.9827	0.9848	0.9898	0.9841	0.9761	0.9876
60.9	0.9830	0.9774	0.9808	0.9860	0.9788	0.9656	0.9840
61.0	0.9814	0.9747	0.9802	0.9849	0.9769	0.9616	0.9831
61.1	0.9805	0.9730	0.9792	0.9827	0.9754	0.9591	0.9817
61.2	0.9804	0.9735	0.9784	0.9844	0.9755	0.9619	0.9815
61.3	0.9806	0.9758	0.9788	0.9843	0.9773	0.9547	0.9803
61.4	0.9846	0.9785	0.9834	0.9865	0.9796	0.9659	0.9841
61.5	0.9841	0.9747	0.9831	0.9852	0.9753	0.9664	0.9839
61.6	0.9845	0.9745	0.9837	0.9863	0.9763	0.9643	0.9853
61.7	0.9809	0.9704	0.9762	0.9853	0.9726	0.9636	0.9815
61.8	0.9807	0.9689	0.9763	0.9844	0.9717	0.9648	0.9809
61.9	0.9791	0.9645	0.9748	0.9825	0.9675	0.9589	0.9786
62.0	0.9823	0.9751	0.9768	0.9840	0.9771	0.9649	0.9797
62.1	0.9845	0.9772	0.9786	0.9875	0.9790	0.9635	0.9826
62.2	0.9791	0.9629	0.9741	0.9848	0.9658	0.9556	0.9804
62.3	0.9821	0.9670	0.9779	0.9859	0.9696	0.9590	0.9838
62.4	0.9791	0.9609	0.9721	0.9840	0.9643	0.9520	0.9787
62.5	0.9773	0.9613	0.9730	0.9824	0.9657	0.9532	0.9770
62.6	0.9819	0.9713	0.9767	0.9849	0.9740	0.9581	0.9806
62.7	0.9787	0.9615	0.9758	0.9820	0.9650	0.9468	0.9809
62.8	0.9788	0.9586	0.9744	0.9810	0.9619	0.9498	0.9815
62.9	0.9827	0.9626	0.9782	0.9841	0.9665	0.9581	0.9841
63.0	0.9782	0.9539	0.9720	0.9807	0.9595	0.9375	0.9788
63.1	0.9782	0.9613	0.9664	0.9827	0.9647	0.9411	0.9753
63.2	0.9741	0.9534	0.9594	0.9773	0.9566	0.9444	0.9712
63.3	0.9830	0.9642	0.9723	0.9848	0.9668	0.9558	0.9801
63.4	0.9804	0.9510	0.9681	0.9829	0.9561	0.9543	0.9777
63.5	0.9871	0.9716	0.9777	0.9883	0.9755	0.9542	0.9848
63.6	0.9817	0.9598	0.9713	0.9844	0.9655	0.9508	0.9795
63.7	0.9830	0.9479	0.9726	0.9839	0.9542	0.9417	0.9821
63.8	0.9857	0.9604	0.9766	0.9859	0.9633	0.9437	0.9843
63.9	0.9808	0.9518	0.9674	0.9809	0.9551	0.9371	0.9801
64.0	0.9847	0.9559	0.9702	0.9857	0.9601	0.9409	0.9820
64.1	0.9776	0.9388	0.9638	0.9775	0.9415	0.9213	0.9754
64.2	0.9686	0.9150	0.9504	0.9693	0.9178	0.9064	0.9688
64.3	0.9787	0.9242	0.9659	0.9743	0.9284	0.9067	0.9789
64.4	0.9841	0.9436	0.9672	0.9817	0.9489	0.9239	0.9813
64.5	0.9857	0.9456	0.9696	0.9806	0.9478	0.9360	0.9831
64.6	0.9817	0.9289	0.9701	0.9757	0.9316	0.9113	0.9802
64.7	0.9776	0.9074	0.9637	0.9756	0.9113	0.8792	0.9761
64.8	0.9840	0.9395	0.9640	0.9833	0.9426	0.9076	0.9810
64.9	0.9831	0.9463	0.9624	0.9808	0.9477	0.9170	0.9792
65.0	0.9764	0.9291	0.9539	0.9727	0.9316	0.8759	0.9716
65.1	0.9803	0.9352	0.9597	0.9821	0.9408	0.9075	0.9771
65.2	0.9851	0.9516	0.9703	0.9850	0.9519	0.9250	0.9846
65.3	0.9852	0.9401	0.9667	0.9822	0.9419	0.9042	0.9812
65.4	0.9781	0.9456	0.9617	0.9790	0.9469	0.8801	0.9740
65.5	0.9784	0.9543	0.9539	0.9837	0.9553	0.8878	0.9760
65.6	0.9839	0.9654	0.9552	0.9890	0.9661	0.9050	0.9795
65.7	0.9823	0.9617	0.9595	0.9842	0.9624	0.9034	0.9772
65.8	0.9834	0.9471	0.9627	0.9840	0.9484	0.8461	0.9786
65.9	0.9857	0.9555	0.9623	0.9852	0.9538	0.8403	0.9838
66.0	0.9804	0.9537	0.9647	0.9821	0.9519	0.8684	0.9804
66.1	0.9810	0.9568	0.9696	0.9845	0.9568	0.8661	0.9821
66.2	0.9811	0.9615	0.9705	0.9828	0.9608	0.8219	0.9824
66.3	0.9813	0.9653	0.9682	0.9832	0.9653	0.8387	0.9814
66.4	0.9869	0.9636	0.9746	0.9879	0.9629	0.8452	0.9859
66.5	0.9866	0.9592	0.9737	0.9877	0.9586	0.8192	0.9863
66.6	0.9837	0.9617	0.9686	0.9873	0.9621	0.8262	0.9842
66.7	0.9756	0.9524	0.9548	0.9799	0.9529	0.8124	0.9754
66.8	0.9799	0.9537	0.9631	0.9806	0.9522	0.7955	0.9792
66.9	0.9810	0.9596	0.9627	0.9853	0.9601	0.8041	0.9814
67.0	0.9754	0.9681	0.9602	0.9802	0.9677	0.7202	0.9804
67.1	0.9790	0.9671	0.9653	0.9828	0.9684	0.8042	0.9812
67.2	0.9809	0.9714	0.9702	0.9831	0.9730	0.8164	0.9847
67.3	0.9703	0.9714	0.9597	0.9751	0.9711	0.8073	0.9800
67.4	0.9730	0.9730	0.9567	0.9758	0.9725	0.8278	0.9795
67.5	0.9839	0.9773	0.9767	0.9868	0.9765	0.8649	0.9891
67.6	0.9765	0.9706	0.9740	0.9824	0.9705	0.8473	0.9872
67.7	0.9791	0.9598	0.9760	0.9834	0.9600	0.8283	0.9849
67.8	0.9771	0.9630	0.9702	0.9831	0.9635	0.8404	0.9837
67.9	0.9703	0.9599	0.9575	0.9776	0.9610	0.8286	0.9777
68.0	0.9696	0.9527	0.9605	0.9722	0.9524	0.8260	0.9760
68.1	0.9743	0.9637	0.9700	0.9794	0.9639	0.8652	0.9823

68.2	0.9679	0.9785	0.9784	0.9787	0.9788	0.8841	0.9868
68.3	0.9633	0.9675	0.9787	0.9723	0.9665	0.8815	0.9849
68.4	0.9565	0.9683	0.9679	0.9768	0.9705	0.8861	0.9801
68.5	0.9688	0.9770	0.9786	0.9808	0.9782	0.9250	0.9865
68.6	0.9688	0.9686	0.9804	0.9821	0.9700	0.9318	0.9888
68.7	0.9504	0.9645	0.9736	0.9749	0.9641	0.9245	0.9829
68.8	0.9485	0.9676	0.9678	0.9738	0.9675	0.9359	0.9801
68.9	0.9648	0.9761	0.9764	0.9835	0.9768	0.9385	0.9865
69.0	0.9526	0.9737	0.9781	0.9807	0.9740	0.9179	0.9866
69.1	0.9411	0.9656	0.9731	0.9752	0.9657	0.9109	0.9825
69.2	0.9299	0.9645	0.9782	0.9726	0.9650	0.8967	0.9861
69.3	0.9167	0.9666	0.9754	0.9708	0.9675	0.9089	0.9857
69.4	0.9354	0.9686	0.9775	0.9776	0.9703	0.9246	0.9867
69.5	0.9317	0.9697	0.9770	0.9748	0.9711	0.9294	0.9892
69.6	0.9392	0.9764	0.9815	0.9773	0.9781	0.9485	0.9912
69.7	0.9037	0.9713	0.9768	0.9682	0.9727	0.9460	0.9882
69.8	0.9185	0.9701	0.9741	0.9720	0.9713	0.9431	0.9867
69.9	0.9306	0.9701	0.9761	0.9747	0.9711	0.9413	0.9891
70.0	0.9265	0.9700	0.9750	0.9731	0.9710	0.9459	0.9868
70.1	0.9218	0.9735	0.9760	0.9722	0.9746	0.9493	0.9881
70.2	0.8868	0.9598	0.9604	0.9616	0.9620	0.9304	0.9865
70.3	0.9451	0.9694	0.9668	0.9810	0.9717	0.9317	0.9864
70.4	0.9219	0.9776	0.9743	0.9720	0.9788	0.9264	0.9883
70.5	0.9113	0.9728	0.9666	0.9613	0.9746	0.9123	0.9858
70.6	0.9166	0.9722	0.9701	0.9636	0.9730	0.9153	0.9887
70.7	0.9032	0.9583	0.9534	0.9503	0.9609	0.9175	0.9857
70.8	0.9272	0.9679	0.9598	0.9604	0.9704	0.9173	0.9888
70.9	0.9355	0.9763	0.9624	0.9712	0.9788	0.8987	0.9899
71.0	0.9402	0.9762	0.9609	0.9703	0.9784	0.9049	0.9858
71.1	0.9582	0.9761	0.9570	0.9777	0.9789	0.9260	0.9871
71.2	0.9505	0.9732	0.9577	0.9746	0.9763	0.9183	0.9886
71.3	0.9397	0.9700	0.9470	0.9694	0.9731	0.8781	0.9865
71.4	0.9370	0.9729	0.9383	0.9688	0.9759	0.8425	0.9859
71.5	0.9350	0.9725	0.9439	0.9632	0.9756	0.8956	0.9866
71.6	0.9445	0.9766	0.9561	0.9704	0.9783	0.8982	0.9864
71.7	0.9530	0.9761	0.9527	0.9739	0.9785	0.8935	0.9865
71.8	0.9505	0.9760	0.9423	0.9676	0.9790	0.8509	0.9865
71.9	0.9535	0.9780	0.9477	0.9669	0.9803	0.8535	0.9872
72.0	0.9702	0.9848	0.9661	0.9800	0.9859	0.9045	0.9912
72.1	0.9610	0.9764	0.9302	0.9735	0.9789	0.8839	0.9839
72.2	0.9413	0.9708	0.9098	0.9618	0.9740	0.7985	0.9784
72.3	0.9578	0.9802	0.9343	0.9687	0.9825	0.8211	0.9845
72.4	0.9716	0.9845	0.9522	0.9774	0.9861	0.8680	0.9884
72.5	0.9696	0.9841	0.9449	0.9744	0.9857	0.8586	0.9869
72.6	0.9331	0.9627	0.8764	0.9446	0.9657	0.7067	0.9748
72.7	0.9494	0.9693	0.8753	0.9586	0.9720	0.7155	0.9775
72.8	0.9600	0.9753	0.8713	0.9572	0.9784	0.7893	0.9806
72.9	0.9610	0.9706	0.8651	0.9585	0.9739	0.8151	0.9771
73.0	0.9577	0.9697	0.8666	0.9590	0.9730	0.7985	0.9786
73.1	0.9603	0.9775	0.8924	0.9681	0.9791	0.8103	0.9814
73.2	0.9621	0.9747	0.8850	0.9623	0.9771	0.8128	0.9790
73.3	0.9566	0.9633	0.8500	0.9516	0.9681	0.8078	0.9710
73.4	0.9246	0.9467	0.8072	0.9262	0.9530	0.7711	0.9556
73.5	0.9421	0.9538	0.8194	0.9411	0.9601	0.8081	0.9650
73.6	0.9649	0.9685	0.8526	0.9582	0.9719	0.8563	0.9775
73.7	0.9559	0.9632	0.8415	0.9539	0.9681	0.8100	0.9714
73.8	0.9570	0.9629	0.8511	0.9595	0.9688	0.8336	0.9706
73.9	0.9612	0.9633	0.8253	0.9565	0.9681	0.8285	0.9693
74.0	0.9600	0.9615	0.8517	0.9486	0.9666	0.8503	0.9640
74.1	0.9557	0.9580	0.8525	0.9446	0.9642	0.8361	0.9618
74.2	0.9514	0.9523	0.8806	0.9394	0.9578	0.8624	0.9615
74.3	0.9500	0.9517	0.8745	0.9410	0.9565	0.8490	0.9657
74.4	0.9465	0.9541	0.8583	0.9496	0.9592	0.8374	0.9590
74.5	0.9404	0.9391	0.8154	0.9317	0.9480	0.8238	0.9448
74.6	0.9530	0.9475	0.8579	0.9335	0.9542	0.8697	0.9465
74.7	0.9492	0.9457	0.8457	0.9325	0.9514	0.8306	0.9551
74.8	0.9392	0.9370	0.8479	0.9208	0.9403	0.8299	0.9429
74.9	0.9395	0.9326	0.8312	0.9130	0.9377	0.8289	0.9342
75.0	0.9423	0.9432	0.8519	0.9268	0.9474	0.8593	0.9385
75.1	0.9467	0.9465	0.8545	0.9346	0.9504	0.8609	0.9381
75.2	0.9257	0.9188	0.8126	0.9081	0.9261	0.8298	0.9095
75.3	0.9011	0.8854	0.7628	0.8500	0.8901	0.7741	0.8842
75.4	0.9125	0.8964	0.8055	0.8660	0.9003	0.8117	0.8922
75.5	0.9095	0.8941	0.8285	0.8571	0.8951	0.8398	0.9016
75.6	0.9290	0.9237	0.8936	0.8909	0.9220	0.8946	0.9315
75.7	0.9257	0.9218	0.8719	0.9015	0.9185	0.8792	0.9267
75.8	0.9054	0.9048	0.8235	0.8845	0.9010	0.8456	0.9083
75.9	0.8802	0.8729	0.8203	0.8325	0.8696	0.8271	0.8844
76.0	0.8819	0.8847	0.8389	0.8524	0.8721	0.8457	0.8954
76.1	0.8889	0.8973	0.8604	0.8673	0.8799	0.8742	0.8944
76.2	0.9059	0.9083	0.8828	0.8785	0.8916	0.8897	0.9284
76.3	0.8938	0.8980	0.8724	0.8712	0.8766	0.8844	0.9316
76.4	0.9024	0.9022	0.8372	0.8778	0.8828	0.8628	0.9212
76.5	0.8438	0.8496	0.7661	0.8022	0.8220	0.7966	0.8643
76.6	0.8192	0.8286	0.7691	0.7974	0.7942	0.7967	0.8741
76.7	0.8579	0.8513	0.8210	0.8244	0.8194	0.8429	0.9009

76.8	0.8618	0.8537	0.8227	0.8396	0.8314	0.8461	0.8914
76.9	0.8768	0.8860	0.8653	0.8813	0.8627	0.8868	0.9160
77.0	0.8562	0.8861	0.8719	0.8865	0.8547	0.8972	0.9274
77.1	0.8387	0.8568	0.8352	0.8559	0.8202	0.8706	0.9072
77.2	0.8014	0.8068	0.8021	0.7986	0.7709	0.8298	0.8596
77.3	0.8216	0.8284	0.7955	0.8187	0.7983	0.8279	0.8688
77.4	0.8795	0.8991	0.8423	0.8941	0.8681	0.8909	0.9271
77.5	0.8851	0.8971	0.8595	0.8928	0.8689	0.9011	0.9247
77.6	0.8634	0.8686	0.8264	0.8580	0.8448	0.8704	0.8916
77.7	0.8558	0.8769	0.7804	0.8676	0.8526	0.8436	0.8974
77.8	0.9040	0.9138	0.8057	0.9102	0.8963	0.8715	0.9244
77.9	0.9115	0.9150	0.8156	0.9193	0.8993	0.8984	0.9259
78.0	0.8604	0.8672	0.7879	0.8655	0.8473	0.8672	0.8811
78.1	0.8556	0.8663	0.7337	0.8600	0.8429	0.8370	0.8798
78.2	0.8681	0.8696	0.7212	0.8612	0.8466	0.8321	0.8830
78.3	0.9246	0.9235	0.8101	0.9239	0.9132	0.8944	0.9329
78.4	0.9391	0.9346	0.7707	0.9296	0.9313	0.8717	0.9350
78.5	0.9412	0.9382	0.7930	0.9309	0.9342	0.8904	0.9398
78.6	0.9183	0.9143	0.7579	0.9100	0.9053	0.8795	0.9174
78.7	0.9343	0.9276	0.6394	0.9225	0.9225	0.8241	0.9315
78.8	0.9423	0.9363	0.4635	0.9298	0.9288	0.7679	0.9432
78.9	0.9400	0.9418	0.3873	0.9397	0.9347	0.7317	0.9469
79.0	0.9526	0.9531	0.5028	0.9519	0.9508	0.7986	0.9580
79.1	0.9648	0.9622	0.6225	0.9618	0.9599	0.8794	0.9647
79.2	0.9406	0.9309	0.5649	0.9285	0.9270	0.8408	0.9348
79.3	0.9422	0.9331	0.4518	0.9244	0.9273	0.7912	0.9338
79.4	0.9641	0.9631	0.4896	0.9562	0.9566	0.8550	0.9650
79.5	0.9631	0.9609	0.3711	0.9546	0.9558	0.8366	0.9635
79.6	0.9451	0.9398	0.2644	0.9334	0.9391	0.7891	0.9447
79.7	0.9563	0.9531	0.2236	0.9460	0.9507	0.8013	0.9535
79.8	0.9573	0.9550	0.1059	0.9482	0.9505	0.8267	0.9545
79.9	0.9540	0.9514	0.0316	0.9494	0.9520	0.7474	0.9499
80.0	0.9465	0.9444	0.0216	0.9376	0.9425	0.7529	0.9434

2.2.103 Run 10 – IP270NVP – Accels 1–8

In-plane shaking at 270° with no vertical shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.9806	0.9372	0.9952	0.9990	0.7643	0.9821	0.9634	0.8663
0.1	0.9422	0.8496	0.9786	0.9963	0.4663	0.9301	0.8607	0.6401
0.2	0.0368	0.0070	0.0053	0.0513	0.0167	0.0049	0.0322	0.0064
0.3	0.0616	0.0521	0.0333	0.0017	0.0772	0.0487	0.0434	0.0067
0.4	0.0253	0.0080	0.0522	0.0182	0.0707	0.0230	0.0059	0.0078
0.5	0.0653	0.0085	0.0132	0.0031	0.0331	0.0152	0.0329	0.0003
0.6	0.2014	0.0318	0.0390	0.0280	0.0285	0.0117	0.0650	0.0002
0.7	0.0722	0.0036	0.0038	0.0072	0.0572	0.0571	0.0190	0.0347
0.8	0.3802	0.0364	0.0072	0.0204	0.0424	0.3117	0.0524	0.0179
0.9	0.4004	0.0473	0.0479	0.0038	0.0557	0.3649	0.0027	0.0123
1.0	0.2222	0.3473	0.0738	0.0038	0.0158	0.5828	0.0239	0.1186
1.1	0.7525	0.7449	0.0763	0.0128	0.0728	0.8113	0.0356	0.1729
1.2	0.8617	0.8483	0.2306	0.0362	0.1831	0.8410	0.0161	0.2165
1.3	0.8769	0.8549	0.2123	0.0096	0.4294	0.8637	0.0055	0.3092
1.4	0.9230	0.9068	0.3103	0.0349	0.6408	0.8758	0.0401	0.2815
1.5	0.9509	0.9499	0.6250	0.3489	0.8304	0.8995	0.0611	0.4129
1.6	0.9657	0.9666	0.7938	0.5292	0.9246	0.9244	0.1299	0.6281
1.7	0.9418	0.9439	0.7824	0.3232	0.8840	0.9118	0.0489	0.7831
1.8	0.8767	0.8805	0.7782	0.3567	0.8079	0.8524	0.0661	0.8767
1.9	0.8386	0.8396	0.7686	0.3798	0.7133	0.8218	0.0421	0.8815
2.0	0.7652	0.7636	0.7686	0.3855	0.0891	0.7697	0.0017	0.7873
2.1	0.8769	0.8718	0.8547	0.4045	0.3316	0.8874	0.0805	0.8402
2.2	0.8859	0.8780	0.8284	0.4080	0.5085	0.9144	0.3666	0.6729
2.3	0.9051	0.8911	0.4044	0.3717	0.2864	0.9371	0.3236	0.3838
2.4	0.9189	0.9046	0.3020	0.1804	0.3460	0.9562	0.3299	0.4324
2.5	0.9101	0.8883	0.3897	0.0797	0.5417	0.9641	0.4411	0.6097
2.6	0.9413	0.9259	0.7916	0.1526	0.9231	0.9793	0.6424	0.9312
2.7	0.9343	0.9065	0.8803	0.2175	0.9640	0.9819	0.5943	0.9512
2.8	0.9330	0.9028	0.8820	0.1179	0.9798	0.9848	0.4191	0.9628
2.9	0.9075	0.8518	0.8755	0.1672	0.9849	0.9859	0.3315	0.9635
3.0	0.8888	0.8007	0.8344	0.1571	0.9894	0.9900	0.3365	0.9727
3.1	0.8468	0.7714	0.8002	0.1640	0.9916	0.9893	0.2415	0.9722
3.2	0.8896	0.8818	0.7676	0.1713	0.9945	0.9933	0.0709	0.9822
3.3	0.8036	0.8362	0.6774	0.2628	0.9929	0.9921	0.1053	0.9782
3.4	0.8114	0.8955	0.6558	0.1429	0.9938	0.9924	0.1357	0.9781
3.5	0.8202	0.9096	0.4600	0.1091	0.9939	0.9921	0.1035	0.9782
3.6	0.9363	0.9683	0.3985	0.3272	0.9958	0.9941	0.1263	0.9839
3.7	0.9644	0.9797	0.3449	0.3601	0.9968	0.9956	0.2222	0.9864
3.8	0.9533	0.9720	0.1926	0.3535	0.9947	0.9932	0.2099	0.9786
3.9	0.9748	0.9843	0.2228	0.3698	0.9952	0.9946	0.3169	0.9834
4.0	0.9748	0.9837	0.2652	0.3892	0.9948	0.9944	0.3367	0.9838
4.1	0.9797	0.9861	0.3652	0.4117	0.9936	0.9940	0.3755	0.9833
4.2	0.9866	0.9909	0.3118	0.4118	0.9942	0.9943	0.3340	0.9825
4.3	0.9913	0.9926	0.3501	0.4833	0.9949	0.9965	0.3981	0.9881
4.4	0.9932	0.9935	0.1038	0.4908	0.9898	0.9975	0.4249	0.9909
4.5	0.9946	0.9949	0.0536	0.5155	0.9892	0.9971	0.4695	0.9909
4.6	0.9940	0.9943	0.1928	0.5612	0.9929	0.9973	0.5491	0.9907
4.7	0.9938	0.9939	0.2689	0.4898	0.9904	0.9979	0.4623	0.9914
4.8	0.9956	0.9956	0.2235	0.5601	0.9916	0.9982	0.4729	0.9925
4.9	0.9965	0.9964	0.0462	0.5891	0.9914	0.9980	0.5348	0.9927
5.0	0.9964	0.9960	0.0300	0.5918	0.9886	0.9979	0.5655	0.9919
5.1	0.9973	0.9969	0.0277	0.6078	0.9846	0.9982	0.5534	0.9932
5.2	0.9978	0.9977	0.1058	0.5128	0.9825	0.9981	0.4651	0.9949
5.3	0.9971	0.9971	0.1258	0.5352	0.9799	0.9977	0.3951	0.9950
5.4	0.9973	0.9965	0.0605	0.5407	0.9526	0.9977	0.4046	0.9930
5.5	0.9975	0.9971	0.0431	0.4736	0.9139	0.9971	0.2408	0.9919
5.6	0.9976	0.9970	0.1585	0.4657	0.9051	0.9970	0.2419	0.9917
5.7	0.9982	0.9977	0.2229	0.5236	0.9101	0.9962	0.3251	0.9909
5.8	0.9979	0.9973	0.2477	0.4520	0.8996	0.9951	0.3485	0.9905
5.9	0.9980	0.9977	0.2610	0.5649	0.8976	0.9948	0.3149	0.9894
6.0	0.9979	0.9974	0.3136	0.6317	0.8781	0.9940	0.3494	0.9895
6.1	0.9985	0.9981	0.4926	0.6823	0.9178	0.9958	0.4891	0.9918
6.2	0.9987	0.9986	0.6554	0.6185	0.9514	0.9960	0.6013	0.9912
6.3	0.9984	0.9980	0.7622	0.5931	0.9627	0.9965	0.6697	0.9926
6.4	0.9988	0.9985	0.7840	0.5817	0.9734	0.9971	0.7268	0.9937
6.5	0.9990	0.9988	0.7343	0.4910	0.9736	0.9977	0.6802	0.9926
6.6	0.9988	0.9984	0.6897	0.4945	0.9788	0.9970	0.6615	0.9901
6.7	0.9990	0.9987	0.7796	0.6519	0.9795	0.9973	0.7521	0.9908
6.8	0.9990	0.9987	0.8007	0.5714	0.9798	0.9974	0.7487	0.9871
6.9	0.9990	0.9989	0.7544	0.5056	0.9710	0.9976	0.6608	0.9748
7.0	0.9990	0.9987	0.7047	0.5569	0.9681	0.9977	0.6575	0.9490
7.1	0.9992	0.9989	0.7614	0.6552	0.9705	0.9976	0.7165	0.9235
7.2	0.9992	0.9990	0.7586	0.7411	0.9654	0.9981	0.7165	0.8710
7.3	0.9991	0.9986	0.7017	0.6891	0.9577	0.9982	0.6439	0.7761
7.4	0.9990	0.9985	0.7027	0.7328	0.9488	0.9976	0.6603	0.7494
7.5	0.9989	0.9987	0.7176	0.8041	0.9655	0.9979	0.6865	0.8182
7.6	0.9992	0.9991	0.7694	0.8166	0.9760	0.9981	0.7680	0.9010
7.7	0.9991	0.9988	0.6837	0.8312	0.9714	0.9978	0.7022	0.9342
7.8	0.9993	0.9991	0.7150	0.8480	0.9711	0.9984	0.7288	0.9501
7.9	0.9991	0.9988	0.7141	0.8105	0.9570	0.9982	0.6798	0.9432

8.0	0.9993	0.9991	0.8159	0.7939	0.9481	0.9983	0.8187	0.9668
8.1	0.9993	0.9992	0.8242	0.8649	0.9650	0.9989	0.8608	0.9765
8.2	0.9993	0.9991	0.7993	0.8775	0.9677	0.9990	0.9101	0.9796
8.3	0.9990	0.9989	0.6793	0.8150	0.9561	0.9985	0.8835	0.9638
8.4	0.9996	0.9995	0.7624	0.8777	0.9791	0.9990	0.9176	0.9746
8.5	0.9991	0.9991	0.6861	0.8677	0.9753	0.9990	0.8965	0.9654
8.6	0.9992	0.9990	0.6390	0.8836	0.9630	0.9989	0.9090	0.9689
8.7	0.9995	0.9993	0.7416	0.9015	0.9746	0.9991	0.9553	0.9804
8.8	0.9995	0.9993	0.5889	0.8825	0.9654	0.9991	0.9346	0.9648
8.9	0.9992	0.9992	0.6607	0.9015	0.9576	0.9989	0.9218	0.9587
9.0	0.9992	0.9993	0.7480	0.9025	0.9639	0.9988	0.9590	0.9668
9.1	0.9993	0.9992	0.6791	0.8892	0.9535	0.9981	0.9475	0.9567
9.2	0.9995	0.9994	0.6562	0.8790	0.9241	0.9974	0.9269	0.9452
9.3	0.9993	0.9992	0.7334	0.8909	0.9501	0.9980	0.9198	0.9234
9.4	0.9995	0.9994	0.8538	0.9261	0.9690	0.9973	0.8837	0.9378
9.5	0.9993	0.9993	0.8410	0.9030	0.9639	0.9948	0.8101	0.8926
9.6	0.9995	0.9994	0.8945	0.9173	0.9703	0.9966	0.7509	0.8872
9.7	0.9995	0.9994	0.9112	0.8909	0.9637	0.9952	0.6363	0.8643
9.8	0.9997	0.9995	0.9525	0.9171	0.9760	0.9952	0.6457	0.9271
9.9	0.9996	0.9995	0.9630	0.9348	0.9736	0.9942	0.5937	0.9473
10.0	0.9996	0.9994	0.9630	0.9016	0.9543	0.9905	0.5863	0.9576
10.1	0.9996	0.9995	0.9735	0.9263	0.9752	0.9925	0.7314	0.9735
10.2	0.9996	0.9995	0.9814	0.9166	0.9825	0.9944	0.8031	0.9779
10.3	0.9996	0.9995	0.9818	0.9060	0.9838	0.9945	0.8774	0.9817
10.4	0.9995	0.9994	0.9820	0.8848	0.9786	0.9920	0.8391	0.9772
10.5	0.9995	0.9994	0.9839	0.8753	0.9820	0.9945	0.7307	0.9726
10.6	0.9996	0.9995	0.9776	0.8739	0.9796	0.9950	0.6585	0.9732
10.7	0.9995	0.9995	0.9843	0.8707	0.9797	0.9940	0.7264	0.9714
10.8	0.9993	0.9993	0.9865	0.8390	0.9814	0.9950	0.8322	0.9690
10.9	0.9996	0.9994	0.9786	0.8574	0.9785	0.9956	0.8286	0.9701
11.0	0.9997	0.9996	0.9824	0.8394	0.9766	0.9967	0.8651	0.9689
11.1	0.9992	0.9994	0.9768	0.6883	0.9693	0.9966	0.8467	0.9637
11.2	0.9985	0.9990	0.9658	0.6612	0.9644	0.9958	0.8518	0.9590
11.3	0.9994	0.9995	0.9775	0.7527	0.9765	0.9972	0.9073	0.9657
11.4	0.9993	0.9994	0.9586	0.6480	0.9801	0.9970	0.8928	0.9676
11.5	0.9994	0.9994	0.9547	0.7058	0.9828	0.9977	0.9425	0.9746
11.6	0.9993	0.9994	0.9230	0.6912	0.9770	0.9974	0.9417	0.9679
11.7	0.9995	0.9996	0.9174	0.8048	0.9787	0.9969	0.9575	0.9711
11.8	0.9996	0.9996	0.9039	0.8559	0.9853	0.9975	0.9661	0.9836
11.9	0.9996	0.9996	0.9081	0.8537	0.9841	0.9976	0.9675	0.9890
12.0	0.9997	0.9997	0.9133	0.8862	0.9875	0.9983	0.9728	0.9917
12.1	0.9996	0.9996	0.9265	0.8578	0.9825	0.9975	0.9693	0.9896
12.2	0.9996	0.9995	0.9334	0.8474	0.9811	0.9977	0.9626	0.9850
12.3	0.9995	0.9995	0.9298	0.8623	0.9747	0.9965	0.9590	0.9860
12.4	0.9993	0.9994	0.9281	0.8580	0.9697	0.9953	0.9638	0.9877
12.5	0.9994	0.9995	0.9549	0.8691	0.9721	0.9956	0.9643	0.9882
12.6	0.9997	0.9996	0.9580	0.9047	0.9736	0.9958	0.9671	0.9897
12.7	0.9996	0.9997	0.9394	0.8990	0.9685	0.9957	0.9668	0.9835
12.8	0.9995	0.9996	0.9059	0.8585	0.9649	0.9955	0.9579	0.9754
12.9	0.9996	0.9997	0.9025	0.8598	0.9669	0.9966	0.9516	0.9798
13.0	0.9995	0.9995	0.8915	0.8683	0.9490	0.9963	0.9416	0.9721
13.1	0.9996	0.9996	0.9109	0.9101	0.9439	0.9978	0.9450	0.9745
13.2	0.9996	0.9996	0.8994	0.9202	0.9308	0.9981	0.9357	0.9681
13.3	0.9996	0.9997	0.8956	0.9121	0.9202	0.9985	0.9574	0.9702
13.4	0.9996	0.9997	0.9051	0.9117	0.8889	0.9983	0.9530	0.9600
13.5	0.9996	0.9996	0.9059	0.9137	0.8905	0.9984	0.9503	0.9283
13.6	0.9995	0.9996	0.8574	0.8996	0.9149	0.9980	0.9614	0.8536
13.7	0.9995	0.9995	0.8233	0.8970	0.9091	0.9985	0.9730	0.8006
13.8	0.9996	0.9997	0.8576	0.9039	0.9155	0.9980	0.9746	0.7913
13.9	0.9997	0.9997	0.9025	0.9181	0.9190	0.9979	0.9776	0.8636
14.0	0.9997	0.9997	0.9071	0.9357	0.9234	0.9973	0.9766	0.8801
14.1	0.9997	0.9997	0.9301	0.9047	0.8996	0.9969	0.9816	0.8551
14.2	0.9996	0.9996	0.9440	0.9103	0.9119	0.9968	0.9844	0.8629
14.3	0.9997	0.9997	0.9555	0.9128	0.9015	0.9963	0.9821	0.8714
14.4	0.9996	0.9996	0.9496	0.9038	0.9033	0.9963	0.9743	0.8697
14.5	0.9995	0.9995	0.9714	0.9282	0.9503	0.9948	0.9675	0.9115
14.6	0.9996	0.9997	0.9695	0.9245	0.9716	0.9946	0.9626	0.9188
14.7	0.9996	0.9996	0.9629	0.9272	0.9737	0.9957	0.9450	0.9289
14.8	0.9998	0.9998	0.9751	0.9600	0.9830	0.9963	0.9630	0.9436
14.9	0.9997	0.9997	0.9815	0.9692	0.9834	0.9944	0.9569	0.9117
15.0	0.9996	0.9996	0.9814	0.9721	0.9847	0.9929	0.9639	0.8720
15.1	0.9995	0.9995	0.9817	0.9766	0.9825	0.9899	0.9606	0.7740
15.2	0.9995	0.9995	0.9868	0.9840	0.9861	0.9842	0.9725	0.4312
15.3	0.9995	0.9995	0.9862	0.9797	0.9882	0.9832	0.9742	0.0058
15.4	0.9995	0.9995	0.9821	0.9792	0.9798	0.9778	0.9779	0.3159
15.5	0.9995	0.9996	0.9859	0.9820	0.9843	0.9780	0.9773	0.6999
15.6	0.9994	0.9995	0.9833	0.9778	0.9816	0.9681	0.9755	0.8156
15.7	0.9994	0.9994	0.9745	0.9730	0.9701	0.9477	0.9690	0.8290
15.8	0.9994	0.9995	0.9766	0.9754	0.9683	0.9437	0.9626	0.8664
15.9	0.9994	0.9994	0.9753	0.9728	0.9761	0.9526	0.9639	0.9202
16.0	0.9995	0.9995	0.9760	0.9701	0.9707	0.9673	0.9656	0.9192
16.1	0.9993	0.9994	0.9777	0.9770	0.9712	0.9719	0.9465	0.9265
16.2	0.9994	0.9994	0.9776	0.9763	0.9574	0.9748	0.9397	0.9317
16.3	0.9990	0.9991	0.9672	0.9728	0.9556	0.9773	0.8764	0.9376
16.4	0.9994	0.9994	0.9641	0.9709	0.9625	0.9882	0.8710	0.9534
16.5	0.9995	0.9995	0.9526	0.9664	0.9678	0.9893	0.7080	0.9442

16.6	0.9994	0.9994	0.8900	0.9521	0.9605	0.9857	0.0275	0.9486
16.7	0.9994	0.9994	0.8787	0.9604	0.9503	0.9876	0.4018	0.9584
16.8	0.9987	0.9987	0.8990	0.9668	0.9570	0.9764	0.7158	0.9504
16.9	0.9985	0.9987	0.9021	0.9733	0.9525	0.9772	0.7368	0.9587
17.0	0.9989	0.9989	0.8958	0.9728	0.9335	0.9848	0.7046	0.9643
17.1	0.9982	0.9983	0.6787	0.9593	0.7498	0.9761	0.0988	0.9635
17.2	0.9983	0.9984	0.7902	0.9509	0.8340	0.9762	0.4672	0.9703
17.3	0.9982	0.9983	0.8619	0.9585	0.9023	0.9774	0.7397	0.9578
17.4	0.9992	0.9992	0.9366	0.9717	0.9523	0.9908	0.8973	0.9733
17.5	0.9991	0.9991	0.9443	0.9769	0.9286	0.9920	0.9256	0.9747
17.6	0.9991	0.9991	0.9471	0.9769	0.9005	0.9909	0.9281	0.9759
17.7	0.9990	0.9991	0.9552	0.9696	0.9414	0.9917	0.9128	0.9768
17.8	0.9994	0.9994	0.9643	0.9691	0.9609	0.9947	0.9342	0.9747
17.9	0.9995	0.9996	0.9692	0.9806	0.9737	0.9964	0.9553	0.9822
18.0	0.9995	0.9995	0.9644	0.9805	0.9597	0.9952	0.9493	0.9663
18.1	0.9994	0.9993	0.9577	0.9710	0.9355	0.9914	0.9257	0.9516
18.2	0.9996	0.9995	0.9743	0.9684	0.9518	0.9925	0.9469	0.9618
18.3	0.9994	0.9994	0.9728	0.9714	0.9351	0.9944	0.9428	0.9604
18.4	0.9991	0.9991	0.9440	0.9679	0.7992	0.9894	0.8594	0.9566
18.5	0.9994	0.9994	0.9180	0.9686	0.4228	0.9933	0.7656	0.9657
18.6	0.9994	0.9995	0.7214	0.9173	0.4445	0.9943	0.5015	0.9605
18.7	0.9993	0.9994	0.1205	0.9154	0.8571	0.9947	0.6273	0.9691
18.8	0.9992	0.9993	0.6897	0.9550	0.9053	0.9927	0.8336	0.9710
18.9	0.9994	0.9994	0.9014	0.9729	0.9286	0.9919	0.8966	0.9695
19.0	0.9993	0.9993	0.9175	0.9710	0.9248	0.9919	0.9188	0.9645
19.1	0.9989	0.9989	0.9119	0.9591	0.9216	0.9911	0.9281	0.9478
19.2	0.9990	0.9991	0.9498	0.9665	0.9306	0.9901	0.9180	0.9605
19.3	0.9986	0.9987	0.9361	0.9664	0.9159	0.9844	0.9138	0.9597
19.4	0.9987	0.9988	0.9563	0.9741	0.9278	0.9892	0.9470	0.9681
19.5	0.9989	0.9989	0.9462	0.9695	0.9305	0.9919	0.9160	0.9631
19.6	0.9990	0.9990	0.9592	0.9759	0.9376	0.9928	0.9358	0.9758
19.7	0.9991	0.9992	0.9487	0.9690	0.9133	0.9920	0.9180	0.9783
19.8	0.9984	0.9986	0.9304	0.9555	0.8438	0.9887	0.8837	0.9660
19.9	0.9982	0.9983	0.8836	0.9517	0.8154	0.9883	0.7706	0.9733
20.0	0.9974	0.9976	0.8093	0.9448	0.8644	0.9847	0.6587	0.9693
20.1	0.9969	0.9970	0.8348	0.9441	0.9279	0.9845	0.3663	0.9614
20.2	0.9969	0.9971	0.8760	0.9483	0.9245	0.9861	0.1834	0.9637
20.3	0.9978	0.9979	0.9220	0.9514	0.9411	0.9900	0.2069	0.9691
20.4	0.9969	0.9972	0.9269	0.9545	0.9457	0.9870	0.3054	0.9705
20.5	0.9972	0.9974	0.9204	0.9556	0.9195	0.9875	0.2944	0.9700
20.6	0.9968	0.9970	0.9182	0.9495	0.9106	0.9872	0.4482	0.9660
20.7	0.9974	0.9976	0.9319	0.9516	0.9090	0.9909	0.6155	0.9781
20.8	0.9967	0.9969	0.9081	0.9489	0.8653	0.9892	0.7069	0.9740
20.9	0.9983	0.9984	0.9290	0.9608	0.8867	0.9933	0.7864	0.9798
21.0	0.9973	0.9975	0.9312	0.9656	0.9261	0.9905	0.8115	0.9738
21.1	0.9965	0.9966	0.9186	0.9578	0.9116	0.9903	0.8106	0.9727
21.2	0.9962	0.9964	0.9109	0.9660	0.8857	0.9901	0.8181	0.9774
21.3	0.9958	0.9960	0.9086	0.9616	0.8490	0.9913	0.7593	0.9695
21.4	0.9966	0.9967	0.9230	0.9692	0.8668	0.9939	0.7290	0.9688
21.5	0.9961	0.9962	0.9203	0.9656	0.9015	0.9933	0.5356	0.9777
21.6	0.9952	0.9954	0.9188	0.9591	0.9357	0.9911	0.5249	0.9773
21.7	0.9947	0.9948	0.9177	0.9292	0.9390	0.9928	0.4144	0.9610
21.8	0.9943	0.9945	0.9412	0.9433	0.9613	0.9914	0.2379	0.9676
21.9	0.9947	0.9948	0.9406	0.9476	0.9689	0.9927	0.2148	0.9709
22.0	0.9942	0.9944	0.9466	0.9489	0.9723	0.9924	0.4466	0.9787
22.1	0.9950	0.9951	0.9566	0.9451	0.9750	0.9946	0.6632	0.9814
22.2	0.9946	0.9947	0.9449	0.8976	0.9835	0.9956	0.8096	0.9742
22.3	0.9954	0.9955	0.9521	0.8977	0.9889	0.9970	0.8918	0.9818
22.4	0.9950	0.9951	0.9574	0.9321	0.9890	0.9961	0.9257	0.9854
22.5	0.9959	0.9959	0.9661	0.9536	0.9905	0.9969	0.9587	0.9853
22.6	0.9968	0.9969	0.9648	0.9667	0.9935	0.9981	0.9738	0.9917
22.7	0.9965	0.9966	0.9490	0.9576	0.9936	0.9977	0.9713	0.9910
22.8	0.9954	0.9955	0.9345	0.9533	0.9934	0.9973	0.9668	0.9887
22.9	0.9956	0.9957	0.9209	0.9507	0.9920	0.9967	0.9645	0.9883
23.0	0.9971	0.9972	0.8705	0.9644	0.9919	0.9971	0.9644	0.9893
23.1	0.9963	0.9965	0.8465	0.9669	0.9920	0.9965	0.9565	0.9901
23.2	0.9940	0.9942	0.7740	0.9600	0.9888	0.9935	0.9588	0.9839
23.3	0.9919	0.9921	0.7043	0.9519	0.9854	0.9914	0.9593	0.9806
23.4	0.9935	0.9936	0.6280	0.9629	0.9845	0.9919	0.9535	0.9816
23.5	0.9931	0.9932	0.4240	0.9588	0.9835	0.9902	0.9574	0.9747
23.6	0.9925	0.9927	0.2262	0.9585	0.9859	0.9887	0.9331	0.9760
23.7	0.9933	0.9934	0.2299	0.9516	0.9806	0.9870	0.9262	0.9720
23.8	0.9948	0.9948	0.4483	0.9503	0.9828	0.9901	0.9161	0.9766
23.9	0.9931	0.9932	0.4827	0.9495	0.9770	0.9860	0.9037	0.9636
24.0	0.9950	0.9950	0.5343	0.9412	0.9737	0.9858	0.8718	0.9595
24.1	0.9966	0.9966	0.4778	0.9558	0.9809	0.9919	0.8582	0.9652
24.2	0.9953	0.9953	0.3904	0.9352	0.9684	0.9876	0.8256	0.9435
24.3	0.9943	0.9943	0.4930	0.9211	0.9613	0.9805	0.8130	0.9066
24.4	0.9963	0.9964	0.5514	0.9169	0.9665	0.9849	0.7914	0.9230
24.5	0.9960	0.9960	0.6666	0.8893	0.9722	0.9854	0.7382	0.9428
24.6	0.9962	0.9961	0.7367	0.8877	0.9693	0.9867	0.7025	0.8984
24.7	0.9955	0.9954	0.6596	0.8725	0.9741	0.9828	0.7224	0.8398
24.8	0.9954	0.9952	0.6863	0.8179	0.9737	0.9811	0.7640	0.8193
24.9	0.9954	0.9952	0.7525	0.8057	0.9682	0.9831	0.8391	0.6562
25.0	0.9961	0.9959	0.7801	0.8223	0.9719	0.9829	0.9042	0.6823
25.1	0.9978	0.9977	0.7738	0.8441	0.9818	0.9891	0.9332	0.8247

25.2	0.9971	0.9969	0.8229	0.8359	0.9835	0.9861	0.9398	0.8558
25.3	0.9955	0.9953	0.6879	0.8280	0.9770	0.9785	0.9470	0.8637
25.4	0.9965	0.9962	0.5268	0.9135	0.9825	0.9830	0.9602	0.9227
25.5	0.9956	0.9952	0.6522	0.9373	0.9832	0.9801	0.9601	0.9287
25.6	0.9956	0.9952	0.7195	0.9381	0.9833	0.9816	0.9550	0.9038
25.7	0.9938	0.9931	0.8321	0.9383	0.9825	0.9742	0.9573	0.8540
25.8	0.9956	0.9951	0.9232	0.9753	0.9918	0.9832	0.9812	0.8610
25.9	0.9934	0.9929	0.9121	0.9751	0.9894	0.9792	0.9771	0.6819
26.0	0.9922	0.9916	0.9302	0.9788	0.9897	0.9803	0.9784	0.1127
26.1	0.9905	0.9898	0.9438	0.9834	0.9913	0.9797	0.9770	0.4556
26.2	0.9914	0.9910	0.9629	0.9886	0.9937	0.9848	0.9814	0.7965
26.3	0.9896	0.9891	0.9678	0.9872	0.9936	0.9839	0.9843	0.8883
26.4	0.9848	0.9846	0.9710	0.9868	0.9928	0.9810	0.9867	0.9342
26.5	0.9810	0.9804	0.9683	0.9870	0.9915	0.9783	0.9856	0.9375
26.6	0.9809	0.9806	0.9679	0.9876	0.9904	0.9808	0.9839	0.9514
26.7	0.9821	0.9822	0.9793	0.9861	0.9921	0.9843	0.9886	0.9683
26.8	0.9861	0.9864	0.9872	0.9895	0.9953	0.9886	0.9948	0.9830
26.9	0.9736	0.9742	0.9734	0.9841	0.9913	0.9787	0.9898	0.9740
27.0	0.9686	0.9696	0.9731	0.9807	0.9915	0.9764	0.9897	0.9747
27.1	0.9719	0.9727	0.9675	0.9860	0.9898	0.9786	0.9851	0.9714
27.2	0.9729	0.9735	0.9754	0.9817	0.9920	0.9791	0.9899	0.9747
27.3	0.9631	0.9648	0.9610	0.9657	0.9843	0.9721	0.9820	0.9623
27.4	0.9730	0.9741	0.9649	0.9596	0.9872	0.9775	0.9844	0.9687
27.5	0.9761	0.9767	0.9705	0.9589	0.9907	0.9796	0.9887	0.9722
27.6	0.9695	0.9703	0.9673	0.9534	0.9924	0.9729	0.9868	0.9690
27.7	0.9771	0.9778	0.9722	0.9661	0.9930	0.9782	0.9866	0.9775
27.8	0.9756	0.9762	0.9642	0.9717	0.9911	0.9747	0.9836	0.9737
27.9	0.9827	0.9829	0.9685	0.9769	0.9906	0.9808	0.9846	0.9774
28.0	0.9762	0.9764	0.9494	0.9659	0.9897	0.9730	0.9717	0.9645
28.1	0.9790	0.9789	0.9484	0.9724	0.9902	0.9741	0.9741	0.9667
28.2	0.9837	0.9839	0.9538	0.9776	0.9910	0.9805	0.9768	0.9697
28.3	0.9790	0.9790	0.9364	0.9711	0.9903	0.9730	0.9701	0.9593
28.4	0.9808	0.9808	0.9356	0.9728	0.9897	0.9745	0.9615	0.9640
28.5	0.9909	0.9906	0.9570	0.9831	0.9929	0.9867	0.9747	0.9838
28.6	0.9905	0.9905	0.9361	0.9848	0.9863	0.9870	0.9715	0.9769
28.7	0.9933	0.9932	0.9516	0.9890	0.9910	0.9906	0.9770	0.9830
28.8	0.9931	0.9928	0.9173	0.9917	0.9939	0.9894	0.9718	0.9799
28.9	0.9951	0.9949	0.9101	0.9922	0.9940	0.9923	0.9735	0.9836
29.0	0.9955	0.9953	0.8720	0.9921	0.9936	0.9926	0.9783	0.9854
29.1	0.9955	0.9953	0.7708	0.9905	0.9918	0.9927	0.9791	0.9864
29.2	0.9967	0.9967	0.6679	0.9926	0.9944	0.9950	0.9813	0.9894
29.3	0.9980	0.9978	0.4227	0.9941	0.9957	0.9967	0.9849	0.9928
29.4	0.9970	0.9966	0.1862	0.9930	0.9948	0.9944	0.9830	0.9927
29.5	0.9967	0.9965	0.4906	0.9917	0.9938	0.9940	0.9792	0.9895
29.6	0.9977	0.9974	0.7809	0.9942	0.9958	0.9955	0.9820	0.9918
29.7	0.9978	0.9977	0.8450	0.9945	0.9956	0.9954	0.9672	0.9909
29.8	0.9981	0.9981	0.8840	0.9897	0.9944	0.9956	0.9440	0.9850
29.9	0.9982	0.9979	0.8854	0.9849	0.9916	0.9953	0.9179	0.9854
30.0	0.9980	0.9980	0.9370	0.9913	0.9939	0.9960	0.9553	0.9896
30.1	0.9984	0.9984	0.9678	0.9943	0.9964	0.9966	0.9769	0.9909
30.2	0.9985	0.9984	0.9698	0.9928	0.9957	0.9964	0.9633	0.9880
30.3	0.9987	0.9983	0.9808	0.9911	0.9957	0.9946	0.9356	0.9858
30.4	0.9986	0.9983	0.9833	0.9917	0.9971	0.9937	0.9369	0.9833
30.5	0.9986	0.9984	0.9764	0.9903	0.9962	0.9937	0.9404	0.9793
30.6	0.9986	0.9982	0.9837	0.9915	0.9965	0.9936	0.9645	0.9869
30.7	0.9981	0.9979	0.9781	0.9894	0.9948	0.9933	0.9686	0.9824
30.8	0.9979	0.9978	0.9828	0.9846	0.9943	0.9926	0.9715	0.9753
30.9	0.9987	0.9985	0.9863	0.9868	0.9956	0.9913	0.9700	0.9723
31.0	0.9984	0.9975	0.9858	0.9810	0.9952	0.9857	0.9693	0.9671
31.1	0.9977	0.9970	0.9868	0.9627	0.9931	0.9795	0.9467	0.9593
31.2	0.9971	0.9970	0.9860	0.9520	0.9922	0.9743	0.9310	0.9382
31.3	0.9965	0.9966	0.9863	0.9452	0.9932	0.9720	0.8876	0.9076
31.4	0.9975	0.9981	0.9877	0.9615	0.9931	0.9739	0.8696	0.9169
31.5	0.9961	0.9957	0.9849	0.9503	0.9878	0.9611	0.8177	0.7922
31.6	0.9970	0.9967	0.9893	0.9553	0.9905	0.9669	0.8315	0.7517
31.7	0.9976	0.9976	0.9922	0.9655	0.9932	0.9710	0.8723	0.7634
31.8	0.9967	0.9970	0.9909	0.9683	0.9924	0.9647	0.8301	0.4877
31.9	0.9958	0.9959	0.9893	0.9666	0.9917	0.9664	0.8309	0.4552
32.0	0.9934	0.9944	0.9831	0.9506	0.9837	0.9584	0.8126	0.3057
32.1	0.9945	0.9956	0.9877	0.9672	0.9844	0.9605	0.8679	0.2549
32.2	0.9933	0.9942	0.9883	0.9704	0.9839	0.9652	0.9027	0.2359
32.3	0.9909	0.9918	0.9857	0.9666	0.9758	0.9638	0.9007	0.1550
32.4	0.9938	0.9958	0.9896	0.9753	0.9801	0.9664	0.9378	0.0166
32.5	0.9909	0.9935	0.9816	0.9695	0.9649	0.9593	0.9406	0.0497
32.6	0.9904	0.9943	0.9802	0.9640	0.9661	0.9609	0.9654	0.2956
32.7	0.9918	0.9943	0.9809	0.9687	0.9620	0.9579	0.9697	0.4609
32.8	0.9914	0.9954	0.9822	0.9669	0.9502	0.9601	0.9636	0.5451
32.9	0.9919	0.9943	0.9782	0.9731	0.9355	0.9612	0.9750	0.7309
33.0	0.9929	0.9952	0.9842	0.9787	0.9605	0.9675	0.9878	0.8484
33.1	0.9927	0.9936	0.9813	0.9791	0.9620	0.9734	0.9888	0.8799
33.2	0.9932	0.9932	0.9774	0.9780	0.9563	0.9770	0.9853	0.8891
33.3	0.9914	0.9901	0.9674	0.9712	0.9527	0.9751	0.9804	0.8783
33.4	0.9899	0.9888	0.9604	0.9677	0.9403	0.9732	0.9721	0.8993
33.5	0.9889	0.9889	0.9505	0.9659	0.8610	0.9733	0.9664	0.8681
33.6	0.9836	0.9850	0.9428	0.9486	0.8181	0.9696	0.9634	0.8321
33.7	0.9820	0.9859	0.9513	0.9512	0.8582	0.9795	0.9640	0.8696

33.8	0.9858	0.9900	0.9668	0.9567	0.8759	0.9821	0.9550	0.8857
33.9	0.9826	0.9915	0.9750	0.9521	0.9141	0.9834	0.9590	0.9335
34.0	0.9788	0.9927	0.9795	0.9491	0.9275	0.9863	0.9590	0.9457
34.1	0.9696	0.9905	0.9668	0.9341	0.9050	0.9829	0.9391	0.9359
34.2	0.9676	0.9909	0.9658	0.9282	0.8903	0.9797	0.9322	0.9505
34.3	0.9669	0.9925	0.9712	0.9316	0.9215	0.9837	0.9413	0.9688
34.4	0.9754	0.9949	0.9789	0.9522	0.9326	0.9899	0.9606	0.9784
34.5	0.9808	0.9959	0.9841	0.9601	0.9597	0.9920	0.9756	0.9858
34.6	0.9775	0.9958	0.9818	0.9534	0.9472	0.9922	0.9679	0.9816
34.7	0.9789	0.9947	0.9821	0.9523	0.9249	0.9917	0.9536	0.9730
34.8	0.9845	0.9970	0.9912	0.9554	0.9383	0.9929	0.9656	0.9822
34.9	0.9866	0.9969	0.9861	0.9627	0.9259	0.9945	0.9725	0.9863
35.0	0.9902	0.9972	0.9880	0.9595	0.8985	0.9947	0.9735	0.9877
35.1	0.9891	0.9972	0.9870	0.9590	0.8790	0.9942	0.9722	0.9834
35.2	0.9909	0.9969	0.9871	0.9572	0.9051	0.9940	0.9719	0.9863
35.3	0.9943	0.9973	0.9881	0.9598	0.9268	0.9944	0.9663	0.9882
35.4	0.9958	0.9974	0.9872	0.9583	0.9364	0.9941	0.9608	0.9865
35.5	0.9965	0.9979	0.9854	0.9646	0.9501	0.9949	0.9576	0.9911
35.6	0.9951	0.9977	0.9830	0.9582	0.9570	0.9939	0.9540	0.9899
35.7	0.9965	0.9986	0.9836	0.9720	0.9642	0.9951	0.9667	0.9885
35.8	0.9960	0.9987	0.9792	0.9612	0.9632	0.9961	0.9481	0.9870
35.9	0.9957	0.9989	0.9709	0.9619	0.9722	0.9958	0.9256	0.9880
36.0	0.9965	0.9989	0.9626	0.9648	0.9788	0.9957	0.8881	0.9906
36.1	0.9945	0.9987	0.8967	0.9490	0.9574	0.9929	0.8220	0.9805
36.2	0.9954	0.9984	0.8395	0.9493	0.9611	0.9943	0.7939	0.9821
36.3	0.9963	0.9987	0.8984	0.9543	0.9688	0.9939	0.8532	0.9865
36.4	0.9969	0.9985	0.9420	0.9515	0.9638	0.9935	0.8570	0.9871
36.5	0.9965	0.9984	0.9672	0.9509	0.9696	0.9940	0.8743	0.9905
36.6	0.9972	0.9987	0.9778	0.9526	0.9735	0.9950	0.8841	0.9920
36.7	0.9986	0.9988	0.9848	0.9515	0.9722	0.9933	0.8724	0.9931
36.8	0.9984	0.9987	0.9887	0.9437	0.9624	0.9928	0.8047	0.9925
36.9	0.9970	0.9984	0.9836	0.9269	0.9541	0.9911	0.7313	0.9907
37.0	0.9970	0.9985	0.9846	0.9412	0.9551	0.9907	0.8058	0.9917
37.1	0.9977	0.9987	0.9910	0.9572	0.9615	0.9925	0.8444	0.9943
37.2	0.9984	0.9989	0.9889	0.9617	0.9451	0.9907	0.8207	0.9940
37.3	0.9982	0.9989	0.9869	0.9589	0.9186	0.9904	0.7505	0.9927
37.4	0.9981	0.9988	0.9787	0.9381	0.8709	0.9887	0.6649	0.9917
37.5	0.9981	0.9988	0.9822	0.9443	0.9002	0.9904	0.5908	0.9929
37.6	0.9974	0.9983	0.9714	0.8971	0.9134	0.9869	0.2218	0.9919
37.7	0.9985	0.9990	0.9739	0.9010	0.9622	0.9904	0.5782	0.9960
37.8	0.9986	0.9991	0.9613	0.8494	0.9548	0.9884	0.6341	0.9938
37.9	0.9987	0.9991	0.9580	0.9229	0.9536	0.9896	0.7696	0.9922
38.0	0.9989	0.9992	0.9691	0.9504	0.9713	0.9892	0.8428	0.9935
38.1	0.9989	0.9992	0.9659	0.9640	0.9705	0.9900	0.8355	0.9941
38.2	0.9989	0.9991	0.9623	0.9717	0.9711	0.9922	0.8576	0.9942
38.3	0.9985	0.9989	0.9523	0.9679	0.9691	0.9943	0.8687	0.9938
38.4	0.9988	0.9992	0.9605	0.9631	0.9717	0.9948	0.8287	0.9928
38.5	0.9993	0.9993	0.9626	0.9701	0.9702	0.9955	0.8427	0.9924
38.6	0.9992	0.9993	0.9620	0.9719	0.9647	0.9956	0.8272	0.9896
38.7	0.9992	0.9994	0.9544	0.9640	0.9681	0.9956	0.8415	0.9915
38.8	0.9991	0.9991	0.9467	0.9546	0.9605	0.9960	0.7890	0.9873
38.9	0.9993	0.9994	0.9690	0.9652	0.9696	0.9962	0.8582	0.9890
39.0	0.9994	0.9995	0.9798	0.9664	0.9775	0.9961	0.8952	0.9909
39.1	0.9994	0.9996	0.9748	0.9644	0.9766	0.9962	0.8952	0.9903
39.2	0.9993	0.9993	0.9686	0.9508	0.9704	0.9954	0.8777	0.9885
39.3	0.9993	0.9994	0.9731	0.9601	0.9661	0.9969	0.9053	0.9839
39.4	0.9993	0.9995	0.9785	0.9684	0.9650	0.9971	0.9337	0.9802
39.5	0.9995	0.9996	0.9842	0.9678	0.9738	0.9968	0.9165	0.9853
39.6	0.9995	0.9996	0.9832	0.9606	0.9728	0.9950	0.8952	0.9849
39.7	0.9995	0.9996	0.9837	0.9565	0.9740	0.9938	0.8960	0.9816
39.8	0.9996	0.9997	0.9844	0.9595	0.9706	0.9952	0.9200	0.9787
39.9	0.9996	0.9997	0.9868	0.9532	0.9653	0.9974	0.9196	0.9753
40.0	0.9995	0.9996	0.9888	0.9456	0.9702	0.9972	0.8931	0.9802
40.1	0.9996	0.9996	0.9825	0.9385	0.9529	0.9966	0.8561	0.9743
40.2	0.9995	0.9996	0.9847	0.9430	0.9533	0.9972	0.8505	0.9732
40.3	0.9995	0.9996	0.9820	0.9203	0.9479	0.9974	0.7765	0.9690
40.4	0.9996	0.9997	0.9848	0.9175	0.9490	0.9974	0.7260	0.9699
40.5	0.9996	0.9997	0.9876	0.9269	0.9536	0.9986	0.7844	0.9710
40.6	0.9996	0.9997	0.9838	0.9140	0.9369	0.9982	0.7025	0.9602
40.7	0.9996	0.9997	0.9801	0.8939	0.9248	0.9978	0.5471	0.9433
40.8	0.9996	0.9997	0.9781	0.8623	0.9131	0.9979	0.4871	0.9343
40.9	0.9996	0.9997	0.9780	0.8936	0.9148	0.9979	0.5875	0.9373
41.0	0.9995	0.9996	0.9638	0.8526	0.8287	0.9966	0.5508	0.8745
41.1	0.9996	0.9997	0.9703	0.8681	0.8708	0.9971	0.6734	0.9005
41.2	0.9996	0.9997	0.9648	0.8688	0.8446	0.9969	0.7207	0.8827
41.3	0.9995	0.9997	0.9493	0.8621	0.7508	0.9961	0.6734	0.8175
41.4	0.9996	0.9998	0.9523	0.8733	0.7330	0.9979	0.6689	0.8300
41.5	0.9996	0.9997	0.9528	0.8276	0.7309	0.9977	0.5366	0.8136
41.6	0.9996	0.9997	0.9545	0.8401	0.7243	0.9977	0.6285	0.7744
41.7	0.9997	0.9997	0.9415	0.8201	0.6533	0.9973	0.6013	0.7144
41.8	0.9995	0.9997	0.9305	0.7637	0.6234	0.9961	0.4863	0.6917
41.9	0.9996	0.9996	0.9221	0.6744	0.5741	0.9950	0.4210	0.6016
42.0	0.9996	0.9997	0.9224	0.7157	0.4975	0.9959	0.3870	0.5170
42.1	0.9995	0.9995	0.9153	0.6917	0.5530	0.9957	0.4002	0.5180
42.2	0.9996	0.9996	0.9262	0.7492	0.5734	0.9964	0.4797	0.4939
42.3	0.9995	0.9995	0.8927	0.7599	0.3342	0.9946	0.4990	0.2110

42.4	0.9993	0.9994	0.8499	0.6489	0.2315	0.9928	0.3016	0.1718
42.5	0.9994	0.9995	0.8712	0.6483	0.3155	0.9944	0.2122	0.3844
42.6	0.9996	0.9997	0.8978	0.6997	0.2845	0.9953	0.2387	0.4173
42.7	0.9997	0.9997	0.8980	0.7039	0.3011	0.9953	0.3676	0.3018
42.8	0.9995	0.9996	0.8991	0.6877	0.3872	0.9961	0.4527	0.3668
42.9	0.9995	0.9996	0.8871	0.6444	0.3587	0.9953	0.4484	0.3380
43.0	0.9997	0.9997	0.9095	0.6525	0.3736	0.9946	0.4353	0.3912
43.1	0.9996	0.9997	0.9189	0.5771	0.3637	0.9949	0.3460	0.4678
43.2	0.9994	0.9996	0.9058	0.4811	0.2560	0.9934	0.2396	0.3948
43.3	0.9997	0.9997	0.9301	0.5750	0.2593	0.9948	0.3582	0.3519
43.4	0.9995	0.9995	0.8972	0.5121	0.2215	0.9940	0.3583	0.2578
43.5	0.9995	0.9995	0.9096	0.5108	0.1881	0.9931	0.3282	0.2342
43.6	0.9996	0.9996	0.9271	0.4869	0.2395	0.9904	0.3384	0.2792
43.7	0.9995	0.9995	0.8796	0.4855	0.0659	0.9818	0.3482	0.0777
43.8	0.9994	0.9995	0.8959	0.5074	0.0937	0.9776	0.4102	0.1465
43.9	0.9993	0.9994	0.9076	0.3546	0.0929	0.9706	0.2671	0.1766
44.0	0.9995	0.9995	0.9248	0.3507	0.1621	0.9661	0.2130	0.1675
44.1	0.9995	0.9996	0.9291	0.4108	0.1957	0.9644	0.2727	0.1988
44.2	0.9992	0.9994	0.9034	0.4596	0.1284	0.9470	0.3484	0.1878
44.3	0.9994	0.9995	0.8997	0.6111	0.0883	0.9379	0.5363	0.1951
44.4	0.9994	0.9995	0.9447	0.6659	0.0955	0.9618	0.6280	0.2135
44.5	0.9994	0.9994	0.9485	0.5333	0.0966	0.9648	0.5171	0.1321
44.6	0.9994	0.9994	0.9465	0.4895	0.0178	0.9598	0.4760	0.0907
44.7	0.9994	0.9995	0.9522	0.4647	0.0187	0.9503	0.4608	0.0897
44.8	0.9994	0.9995	0.9612	0.4217	0.0135	0.9525	0.4373	0.0253
44.9	0.9993	0.9994	0.9574	0.4726	0.0402	0.9473	0.5105	0.0104
45.0	0.9993	0.9994	0.9459	0.4081	0.0698	0.9191	0.4531	0.0610
45.1	0.9994	0.9996	0.9572	0.2631	0.1118	0.9372	0.3372	0.0205
45.2	0.9996	0.9997	0.9681	0.3331	0.2043	0.9582	0.3847	0.0319
45.3	0.9995	0.9996	0.9638	0.2588	0.1275	0.9501	0.3217	0.0462
45.4	0.9997	0.9997	0.9552	0.1808	0.0856	0.9435	0.1737	0.0015
45.5	0.9995	0.9996	0.9634	0.1740	0.1426	0.9542	0.2490	0.0517
45.6	0.9994	0.9996	0.9568	0.3412	0.0268	0.9541	0.3906	0.0043
45.7	0.9994	0.9994	0.9464	0.3385	0.0164	0.9447	0.3672	0.0438
45.8	0.9995	0.9996	0.9639	0.3213	0.1818	0.9655	0.4310	0.0068
45.9	0.9992	0.9993	0.9417	0.2918	0.2742	0.9573	0.4267	0.0169
46.0	0.9993	0.9995	0.9485	0.2200	0.4721	0.9654	0.4712	0.0339
46.1	0.9994	0.9996	0.9556	0.1928	0.4490	0.9680	0.4546	0.1037
46.2	0.9993	0.9995	0.9304	0.1746	0.4384	0.9661	0.3924	0.1349
46.3	0.9993	0.9995	0.9329	0.0863	0.4458	0.9631	0.2739	0.0662
46.4	0.9993	0.9995	0.9297	0.1229	0.4761	0.9711	0.3827	0.0006
46.5	0.9992	0.9994	0.9359	0.1101	0.4595	0.9723	0.4220	0.0810
46.6	0.9994	0.9996	0.9428	0.2343	0.5793	0.9715	0.5707	0.2188
46.7	0.9994	0.9996	0.9333	0.2181	0.7151	0.9752	0.6191	0.2925
46.8	0.9994	0.9997	0.9374	0.1394	0.7115	0.9760	0.5406	0.3197
46.9	0.9994	0.9996	0.9300	0.1050	0.7229	0.9695	0.4915	0.2833
47.0	0.9993	0.9995	0.9360	0.1350	0.7429	0.9611	0.5122	0.4090
47.1	0.9991	0.9994	0.9285	0.2767	0.7916	0.9611	0.6435	0.4981
47.2	0.9994	0.9996	0.9380	0.3817	0.8604	0.9705	0.7383	0.6629
47.3	0.9994	0.9995	0.9428	0.3355	0.8553	0.9647	0.6848	0.6491
47.4	0.9994	0.9995	0.9452	0.4434	0.8767	0.9693	0.7160	0.6067
47.5	0.9993	0.9995	0.9424	0.4421	0.8901	0.9701	0.7268	0.4685
47.6	0.9994	0.9996	0.9507	0.4022	0.9053	0.9642	0.7512	0.2641
47.7	0.9994	0.9996	0.9436	0.5414	0.9448	0.9702	0.8310	0.2607
47.8	0.9994	0.9996	0.9584	0.6179	0.9456	0.9628	0.8472	0.2671
47.9	0.9994	0.9996	0.9420	0.5787	0.9493	0.9608	0.8330	0.5314
48.0	0.9994	0.9996	0.9497	0.4700	0.9507	0.9604	0.8161	0.6689
48.1	0.9993	0.9995	0.9350	0.4891	0.9520	0.9463	0.8462	0.8155
48.2	0.9992	0.9994	0.9323	0.4506	0.9447	0.9443	0.8346	0.8414
48.3	0.9993	0.9995	0.9353	0.4950	0.9484	0.9258	0.8122	0.8008
48.4	0.9992	0.9994	0.9448	0.6388	0.9545	0.9108	0.8531	0.7307
48.5	0.9994	0.9995	0.9381	0.6065	0.9402	0.9378	0.8277	0.7144
48.6	0.9993	0.9995	0.9387	0.5881	0.9414	0.9243	0.8134	0.7509
48.7	0.9993	0.9995	0.9506	0.6340	0.9466	0.9180	0.8336	0.7966
48.8	0.9991	0.9995	0.9408	0.6679	0.9540	0.9311	0.8444	0.7718
48.9	0.9992	0.9994	0.9392	0.7142	0.9622	0.9131	0.8736	0.8092
49.0	0.9990	0.9992	0.9517	0.6915	0.9540	0.8956	0.8486	0.6626
49.1	0.9992	0.9994	0.9514	0.7187	0.9694	0.9182	0.9015	0.6192
49.2	0.9994	0.9996	0.9551	0.7731	0.9781	0.9104	0.9219	0.7774
49.3	0.9992	0.9995	0.9487	0.7823	0.9755	0.8869	0.9067	0.8460
49.4	0.9989	0.9994	0.9364	0.6536	0.9696	0.8942	0.8724	0.8328
49.5	0.9992	0.9994	0.9494	0.6684	0.9718	0.8960	0.8780	0.7899
49.6	0.9991	0.9994	0.9539	0.7573	0.9687	0.8848	0.9023	0.8185
49.7	0.9992	0.9995	0.9619	0.8118	0.9629	0.9304	0.9122	0.8902
49.8	0.9992	0.9994	0.9507	0.7747	0.9459	0.9039	0.8435	0.8354
49.9	0.9992	0.9994	0.9331	0.7324	0.9376	0.8474	0.7911	0.5252
50.0	0.9993	0.9995	0.9433	0.7192	0.9358	0.8889	0.8186	0.3089
50.1	0.9992	0.9994	0.9310	0.6597	0.9469	0.8819	0.8264	0.6507
50.2	0.9990	0.9993	0.9413	0.6758	0.9580	0.8481	0.8430	0.6482
50.3	0.9991	0.9995	0.9469	0.7246	0.9535	0.8495	0.8756	0.7357
50.4	0.9990	0.9994	0.9250	0.7983	0.9560	0.8755	0.8951	0.7595
50.5	0.9988	0.9993	0.9131	0.6966	0.9427	0.8644	0.8547	0.6951
50.6	0.9990	0.9994	0.9232	0.6740	0.9439	0.8655	0.8246	0.4909
50.7	0.9991	0.9993	0.9424	0.7200	0.9344	0.7924	0.8690	0.1449
50.8	0.9990	0.9992	0.9360	0.7112	0.9276	0.7927	0.8726	0.1651
50.9	0.9989	0.9992	0.9250	0.6753	0.9160	0.7692	0.8254	0.3544

51.0	0.9987	0.9991	0.9235	0.7220	0.9355	0.7832	0.8402	0.1804
51.1	0.9989	0.9993	0.9230	0.7704	0.9270	0.7967	0.8229	0.4159
51.2	0.9988	0.9993	0.9100	0.7461	0.9179	0.7862	0.7925	0.5013
51.3	0.9988	0.9992	0.9039	0.6839	0.9043	0.6618	0.7727	0.1304
51.4	0.9992	0.9993	0.9113	0.6585	0.8784	0.5608	0.7687	0.1702
51.5	0.9992	0.9994	0.9354	0.8015	0.8912	0.7479	0.8324	0.6551
51.6	0.9990	0.9994	0.9249	0.7449	0.9011	0.7919	0.8337	0.7782
51.7	0.9987	0.9993	0.9252	0.6775	0.8644	0.7953	0.7393	0.7525
51.8	0.9988	0.9992	0.9180	0.7213	0.8854	0.8379	0.7526	0.7999
51.9	0.9989	0.9992	0.9132	0.7668	0.8960	0.8317	0.7389	0.6783
52.0	0.9992	0.9993	0.9227	0.7868	0.9094	0.8055	0.8184	0.6591
52.1	0.9993	0.9994	0.9263	0.7681	0.9014	0.7934	0.7808	0.6898
52.2	0.9991	0.9993	0.9285	0.8079	0.9088	0.7381	0.7692	0.8003
52.3	0.9990	0.9993	0.9291	0.8185	0.8931	0.7767	0.7977	0.8312
52.4	0.9991	0.9993	0.9192	0.8041	0.9148	0.7055	0.8310	0.8512
52.5	0.9991	0.9993	0.9242	0.8221	0.9252	0.7750	0.8607	0.8735
52.6	0.9991	0.9994	0.9151	0.8193	0.9172	0.7715	0.8545	0.8333
52.7	0.9990	0.9994	0.8863	0.8501	0.9188	0.6293	0.8751	0.6381
52.8	0.9988	0.9993	0.9131	0.8467	0.8997	0.6316	0.8711	0.2739
52.9	0.9988	0.9990	0.8866	0.8183	0.8876	0.7106	0.8287	0.1067
53.0	0.9989	0.9992	0.9003	0.8229	0.9119	0.8160	0.8170	0.7530
53.1	0.9990	0.9994	0.9067	0.8419	0.9175	0.8459	0.8293	0.8712
53.2	0.9989	0.9992	0.8596	0.8327	0.8525	0.7915	0.6946	0.7718
53.3	0.9988	0.9993	0.8253	0.8128	0.7611	0.6755	0.7079	0.7576
53.4	0.9983	0.9989	0.8159	0.7943	0.8017	0.6426	0.7647	0.7682
53.5	0.9985	0.9991	0.8118	0.8477	0.8118	0.6548	0.8291	0.5967
53.6	0.9990	0.9994	0.8504	0.8660	0.8121	0.6766	0.7481	0.5132
53.7	0.9988	0.9993	0.8229	0.8365	0.6606	0.6656	0.6574	0.5768
53.8	0.9985	0.9990	0.7423	0.7988	0.5391	0.5296	0.6644	0.4848
53.9	0.9987	0.9991	0.7796	0.8588	0.6344	0.7040	0.6799	0.4249
54.0	0.9991	0.9994	0.8214	0.8880	0.7480	0.7997	0.7917	0.8233
54.1	0.9989	0.9992	0.7465	0.8864	0.6414	0.7601	0.7500	0.8317
54.2	0.9987	0.9990	0.6760	0.8592	0.5835	0.6785	0.7780	0.7481
54.3	0.9990	0.9993	0.7262	0.8545	0.6249	0.6510	0.8134	0.6595
54.4	0.9986	0.9991	0.6705	0.8559	0.5929	0.7011	0.7627	0.8140
54.5	0.9984	0.9989	0.5741	0.8200	0.3210	0.6724	0.6554	0.8629
54.6	0.9989	0.9993	0.6776	0.8303	0.3493	0.7180	0.6916	0.9005
54.7	0.9984	0.9991	0.5482	0.8017	0.1620	0.6613	0.6075	0.7692
54.8	0.9985	0.9991	0.6389	0.7902	0.2421	0.6059	0.6684	0.6048
54.9	0.9982	0.9989	0.5611	0.7310	0.1528	0.4694	0.5981	0.3459
55.0	0.9983	0.9991	0.6060	0.7525	0.4674	0.6262	0.6899	0.7609
55.1	0.9986	0.9993	0.7921	0.8015	0.7629	0.7223	0.8428	0.8294
55.2	0.9982	0.9991	0.7662	0.7347	0.6566	0.7026	0.7851	0.8540
55.3	0.9985	0.9992	0.7680	0.7173	0.6888	0.5936	0.8127	0.8314
55.4	0.9988	0.9993	0.7620	0.7435	0.6947	0.5779	0.8346	0.8321
55.5	0.9988	0.9993	0.8082	0.7239	0.7363	0.5425	0.8693	0.7902
55.6	0.9987	0.9993	0.7847	0.7335	0.6851	0.5281	0.8027	0.7380
55.7	0.9990	0.9994	0.8064	0.7740	0.7526	0.5036	0.8610	0.8280
55.8	0.9987	0.9992	0.8280	0.7827	0.7990	0.5167	0.9060	0.7997
55.9	0.9987	0.9994	0.8535	0.7444	0.7889	0.6348	0.9051	0.7996
56.0	0.9986	0.9992	0.8384	0.6644	0.7323	0.4734	0.8684	0.7929
56.1	0.9983	0.9990	0.7964	0.6259	0.6600	0.3054	0.8301	0.6989
56.2	0.9981	0.9989	0.7685	0.6631	0.6724	0.3889	0.8294	0.6901
56.3	0.9981	0.9990	0.8015	0.7258	0.6324	0.4442	0.8245	0.7329
56.4	0.9984	0.9990	0.7960	0.6819	0.6280	0.4715	0.8418	0.7125
56.5	0.9979	0.9986	0.7492	0.6967	0.6949	0.4158	0.8264	0.7195
56.6	0.9980	0.9987	0.8173	0.7550	0.6806	0.3607	0.8569	0.6922
56.7	0.9984	0.9991	0.8288	0.6825	0.6461	0.2873	0.8616	0.6732
56.8	0.9977	0.9986	0.7873	0.6642	0.6276	0.2844	0.8158	0.6352
56.9	0.9975	0.9985	0.7343	0.6675	0.6483	0.2553	0.8077	0.6235
57.0	0.9984	0.9991	0.7882	0.6260	0.7166	0.2848	0.8433	0.6429
57.1	0.9985	0.9991	0.8026	0.6256	0.7216	0.3619	0.8507	0.7185
57.2	0.9978	0.9988	0.7709	0.6549	0.6008	0.2390	0.8103	0.5858
57.3	0.9979	0.9988	0.7954	0.6738	0.6742	0.1621	0.7869	0.5245
57.4	0.9981	0.9989	0.8158	0.6775	0.6522	0.2276	0.8226	0.5517
57.5	0.9978	0.9990	0.7390	0.6644	0.6078	0.2289	0.7773	0.4714
57.6	0.9980	0.9990	0.7518	0.6307	0.6869	0.2398	0.7900	0.5952
57.7	0.9977	0.9984	0.7327	0.6103	0.6462	0.2491	0.7829	0.5387
57.8	0.9983	0.9986	0.7884	0.6567	0.6248	0.3388	0.8243	0.5587
57.9	0.9984	0.9988	0.7728	0.6165	0.7111	0.2470	0.8111	0.6284
58.0	0.9972	0.9986	0.7123	0.4942	0.6423	0.2912	0.7332	0.6487
58.1	0.9978	0.9991	0.8036	0.4411	0.7216	0.3573	0.8048	0.5558
58.2	0.9979	0.9989	0.8185	0.4733	0.7973	0.2791	0.7852	0.4739
58.3	0.9964	0.9983	0.7600	0.4951	0.7007	0.3046	0.7176	0.4244
58.4	0.9964	0.9985	0.7935	0.5417	0.7048	0.1485	0.7785	0.4404
58.5	0.9973	0.9986	0.8014	0.4982	0.6695	0.1221	0.7941	0.5048
58.6	0.9978	0.9988	0.7827	0.4986	0.6099	0.2443	0.7504	0.5096
58.7	0.9972	0.9986	0.7391	0.4521	0.5315	0.2869	0.6436	0.4407
58.8	0.9972	0.9984	0.7037	0.4595	0.5116	0.2468	0.6508	0.5183
58.9	0.9971	0.9985	0.7674	0.4822	0.6237	0.2763	0.7212	0.5119
59.0	0.9970	0.9987	0.7308	0.4507	0.5547	0.2571	0.6992	0.4344
59.1	0.9975	0.9989	0.7749	0.4331	0.5909	0.3520	0.7072	0.4807
59.2	0.9973	0.9989	0.7388	0.3527	0.5622	0.3551	0.6729	0.4886
59.3	0.9964	0.9987	0.6663	0.2440	0.5803	0.2495	0.7019	0.4341
59.4	0.9964	0.9988	0.6837	0.3957	0.6770	0.2643	0.7320	0.6000
59.5	0.9972	0.9990	0.7014	0.4325	0.6995	0.3542	0.7521	0.6060

59.6	0.9973	0.9989	0.7459	0.4056	0.6785	0.3248	0.7849	0.6079
59.7	0.9968	0.9985	0.6740	0.3378	0.6144	0.2755	0.8039	0.5609
59.8	0.9976	0.9989	0.7041	0.3003	0.6099	0.3178	0.7999	0.5080
59.9	0.9972	0.9990	0.7771	0.4046	0.6323	0.3152	0.8445	0.5586
60.0	0.9974	0.9989	0.8384	0.4250	0.5443	0.4791	0.8190	0.6223
60.1	0.9968	0.9992	0.8149	0.4131	0.5631	0.6153	0.7995	0.6571
60.2	0.9965	0.9988	0.8373	0.3901	0.5681	0.6124	0.8434	0.5535
60.3	0.9976	0.9990	0.8601	0.2924	0.6564	0.5913	0.8577	0.4578
60.4	0.9965	0.9982	0.8074	0.2044	0.5674	0.5497	0.7671	0.4010
60.5	0.9959	0.9985	0.8181	0.3316	0.5009	0.5998	0.7718	0.4677
60.6	0.9967	0.9987	0.8564	0.3451	0.4630	0.6757	0.8101	0.4496
60.7	0.9952	0.9984	0.8061	0.2888	0.4349	0.6255	0.7608	0.4381
60.8	0.9952	0.9984	0.8185	0.1980	0.4033	0.6342	0.7969	0.4584
60.9	0.9968	0.9989	0.8582	0.3472	0.4935	0.5822	0.8147	0.4320
61.0	0.9962	0.9987	0.8369	0.4795	0.4761	0.6441	0.7858	0.3841
61.1	0.9960	0.9986	0.8652	0.4489	0.5087	0.6276	0.8491	0.4549
61.2	0.9948	0.9984	0.8424	0.3739	0.4775	0.6721	0.7934	0.4898
61.3	0.9957	0.9985	0.8507	0.3648	0.4350	0.7217	0.7704	0.4103
61.4	0.9958	0.9986	0.8428	0.3694	0.4644	0.7311	0.8005	0.3386
61.5	0.9943	0.9986	0.8505	0.3676	0.5443	0.7110	0.7953	0.4740
61.6	0.9941	0.9987	0.8526	0.3948	0.4719	0.6651	0.8047	0.4256
61.7	0.9952	0.9986	0.8676	0.4368	0.4635	0.6316	0.7977	0.3278
61.8	0.9954	0.9987	0.8710	0.4163	0.5163	0.7308	0.7726	0.3574
61.9	0.9944	0.9987	0.8602	0.4949	0.5689	0.7916	0.7337	0.3881
62.0	0.9937	0.9984	0.8855	0.4715	0.4926	0.6710	0.7667	0.3054
62.1	0.9940	0.9985	0.8943	0.5209	0.4850	0.6763	0.8348	0.4354
62.2	0.9925	0.9983	0.8648	0.4517	0.3961	0.5794	0.7828	0.3403
62.3	0.9949	0.9983	0.8630	0.4290	0.4020	0.6127	0.7699	0.3568
62.4	0.9955	0.9985	0.8721	0.4956	0.3961	0.6485	0.7855	0.3863
62.5	0.9952	0.9987	0.9108	0.5907	0.4559	0.7302	0.8442	0.3533
62.6	0.9949	0.9984	0.9006	0.6139	0.4495	0.7257	0.8194	0.3773
62.7	0.9949	0.9983	0.8921	0.5621	0.4184	0.6620	0.8037	0.3220
62.8	0.9949	0.9984	0.8884	0.6561	0.3811	0.7419	0.7987	0.2640
62.9	0.9942	0.9987	0.8700	0.6863	0.4021	0.7704	0.8006	0.3576
63.0	0.9941	0.9984	0.8827	0.6437	0.3759	0.6563	0.8148	0.3408
63.1	0.9944	0.9983	0.9155	0.7067	0.2750	0.6573	0.8416	0.4307
63.2	0.9946	0.9983	0.8970	0.7737	0.1755	0.7567	0.8629	0.5503
63.3	0.9937	0.9985	0.8965	0.7783	0.1521	0.7219	0.8603	0.4705
63.4	0.9931	0.9984	0.8916	0.7583	0.1714	0.6838	0.8634	0.4885
63.5	0.9930	0.9985	0.8680	0.7533	0.2232	0.6665	0.8367	0.4058
63.6	0.9928	0.9985	0.8928	0.7574	0.1459	0.7218	0.8879	0.5191
63.7	0.9951	0.9988	0.9364	0.7867	0.2257	0.7081	0.8975	0.6473
63.8	0.9934	0.9989	0.9180	0.7554	0.1588	0.7220	0.8811	0.6036
63.9	0.9931	0.9987	0.9279	0.7411	0.1321	0.7371	0.8873	0.5267
64.0	0.9941	0.9987	0.9428	0.7889	0.2059	0.7239	0.8641	0.6062
64.1	0.9926	0.9985	0.9280	0.8096	0.0476	0.6713	0.8501	0.6238
64.2	0.9915	0.9987	0.9292	0.7856	0.0148	0.6592	0.8455	0.5388
64.3	0.9931	0.9985	0.9284	0.8269	0.0068	0.7318	0.8591	0.4908
64.4	0.9926	0.9984	0.9160	0.8290	0.0009	0.7043	0.8399	0.4205
64.5	0.9924	0.9983	0.9333	0.8242	0.0048	0.7270	0.8515	0.5408
64.6	0.9909	0.9983	0.9338	0.7935	0.0197	0.7256	0.8551	0.5157
64.7	0.9903	0.9980	0.9324	0.7805	0.0333	0.7286	0.8234	0.4041
64.8	0.9897	0.9977	0.9188	0.7973	0.0439	0.6772	0.8306	0.4810
64.9	0.9889	0.9975	0.8943	0.7505	0.0089	0.6867	0.8323	0.4905
65.0	0.9878	0.9982	0.9049	0.7934	0.0021	0.6991	0.8446	0.3943
65.1	0.9857	0.9973	0.8925	0.7584	0.0163	0.6342	0.8159	0.3876
65.2	0.9882	0.9976	0.9155	0.7883	0.1511	0.6921	0.8697	0.5128
65.3	0.9910	0.9980	0.9239	0.8426	0.1252	0.6715	0.8734	0.4920
65.4	0.9899	0.9976	0.9222	0.7947	0.1179	0.6035	0.8403	0.5028
65.5	0.9896	0.9980	0.9286	0.7870	0.1197	0.5914	0.8663	0.5204
65.6	0.9896	0.9979	0.9365	0.8127	0.1066	0.6438	0.8569	0.5020
65.7	0.9891	0.9977	0.9288	0.8288	0.1104	0.6042	0.8106	0.3717
65.8	0.9838	0.9969	0.8951	0.7763	0.1978	0.6033	0.7813	0.3722
65.9	0.9891	0.9979	0.9385	0.7667	0.2749	0.6608	0.8369	0.5002
66.0	0.9891	0.9974	0.9340	0.7737	0.1616	0.5390	0.8048	0.4698
66.1	0.9907	0.9981	0.9433	0.8520	0.2118	0.6607	0.8825	0.5561
66.2	0.9879	0.9983	0.9241	0.7736	0.2483	0.5683	0.8796	0.4854
66.3	0.9840	0.9976	0.9276	0.7833	0.2831	0.5406	0.8223	0.4057
66.4	0.9864	0.9981	0.9518	0.8108	0.2438	0.6219	0.8447	0.3651
66.5	0.9884	0.9981	0.9352	0.7847	0.3264	0.5659	0.8281	0.3931
66.6	0.9866	0.9976	0.9241	0.7514	0.3728	0.5789	0.8217	0.4961
66.7	0.9886	0.9977	0.9303	0.7725	0.4114	0.6445	0.8418	0.3975
66.8	0.9888	0.9974	0.9181	0.7576	0.3912	0.6669	0.8304	0.2677
66.9	0.9902	0.9980	0.9275	0.7719	0.4568	0.6252	0.8349	0.4164
67.0	0.9887	0.9981	0.9213	0.7734	0.3927	0.5742	0.8268	0.3802
67.1	0.9840	0.9974	0.9102	0.7576	0.4441	0.6096	0.8420	0.3464
67.2	0.9864	0.9978	0.9296	0.7607	0.5436	0.6914	0.8231	0.3888
67.3	0.9910	0.9983	0.9312	0.7567	0.6621	0.7426	0.8531	0.3481
67.4	0.9884	0.9977	0.9161	0.7648	0.6943	0.7582	0.8704	0.1921
67.5	0.9828	0.9972	0.9159	0.7068	0.6965	0.7237	0.8738	0.3943
67.6	0.9885	0.9974	0.9330	0.7180	0.7141	0.7534	0.8870	0.3938
67.7	0.9867	0.9974	0.9267	0.7370	0.5849	0.6627	0.8287	0.2394
67.8	0.9861	0.9978	0.9186	0.8179	0.6013	0.6226	0.8423	0.2206
67.9	0.9826	0.9977	0.9214	0.7679	0.6541	0.7167	0.8388	0.2435
68.0	0.9830	0.9976	0.9321	0.7783	0.6686	0.7099	0.8232	0.1994
68.1	0.9827	0.9971	0.9181	0.7214	0.6242	0.7689	0.8322	0.2592

68.2	0.9852	0.9981	0.9133	0.7397	0.7595	0.8257	0.8743	0.2599
68.3	0.9827	0.9978	0.9214	0.7416	0.7591	0.7273	0.8595	0.1200
68.4	0.9801	0.9966	0.9227	0.7248	0.7768	0.7273	0.8646	0.0863
68.5	0.9840	0.9967	0.9342	0.7609	0.7607	0.8084	0.8707	0.0871
68.6	0.9806	0.9964	0.9203	0.7069	0.7511	0.8354	0.8624	0.0687
68.7	0.9804	0.9977	0.9322	0.7763	0.8081	0.8758	0.8780	0.0816
68.8	0.9767	0.9975	0.9011	0.7158	0.7402	0.8174	0.7782	0.0633
68.9	0.9775	0.9967	0.9096	0.6785	0.7243	0.8098	0.7974	0.0961
69.0	0.9811	0.9972	0.9289	0.7442	0.8149	0.8571	0.8721	0.0654
69.1	0.9812	0.9973	0.9504	0.8122	0.8366	0.8614	0.9083	0.0148
69.2	0.9681	0.9964	0.9399	0.8236	0.8518	0.8633	0.8940	0.0564
69.3	0.9695	0.9966	0.9330	0.8051	0.8238	0.8418	0.8672	0.0816
69.4	0.9703	0.9962	0.9246	0.7892	0.7988	0.8352	0.8125	0.0825
69.5	0.9765	0.9975	0.9440	0.8048	0.8366	0.8721	0.8737	0.0041
69.6	0.9756	0.9964	0.9285	0.7939	0.8763	0.8836	0.8844	0.0370
69.7	0.9650	0.9950	0.9258	0.7431	0.8733	0.8653	0.8699	0.0319
69.8	0.9692	0.9967	0.9450	0.8141	0.8802	0.8745	0.9009	0.0036
69.9	0.9789	0.9976	0.9609	0.8377	0.9060	0.9121	0.9208	0.0046
70.0	0.9727	0.9966	0.9458	0.8384	0.8929	0.8932	0.8954	0.0180
70.1	0.9669	0.9960	0.9289	0.8311	0.8793	0.8773	0.8854	0.0063
70.2	0.9716	0.9956	0.9420	0.8728	0.9100	0.9038	0.9033	0.0561
70.3	0.9624	0.9950	0.9369	0.8033	0.8975	0.8850	0.8896	0.0339
70.4	0.9612	0.9962	0.9374	0.7982	0.8926	0.8939	0.9089	0.0351
70.5	0.9697	0.9958	0.9283	0.8350	0.9059	0.9002	0.9099	0.0282
70.6	0.9609	0.9955	0.9402	0.8418	0.9076	0.8942	0.8981	0.0511
70.7	0.9576	0.9949	0.9414	0.8461	0.9002	0.8798	0.8880	0.0402
70.8	0.9619	0.9965	0.9459	0.8585	0.9144	0.8841	0.9229	0.0825
70.9	0.9590	0.9965	0.9406	0.8598	0.9209	0.8696	0.9140	0.1129
71.0	0.9516	0.9953	0.9633	0.8426	0.9185	0.8842	0.8916	0.0648
71.1	0.9502	0.9950	0.9627	0.8504	0.9134	0.8743	0.8902	0.0633
71.2	0.9306	0.9937	0.9360	0.8297	0.8989	0.8788	0.8827	0.0454
71.3	0.9354	0.9932	0.9341	0.8102	0.9008	0.9018	0.9017	0.0850
71.4	0.9381	0.9938	0.9445	0.8184	0.8947	0.9038	0.8746	0.0596
71.5	0.9201	0.9936	0.9355	0.8287	0.8975	0.8838	0.8495	0.1325
71.6	0.9213	0.9918	0.9038	0.8189	0.8930	0.8543	0.8331	0.0913
71.7	0.9075	0.9912	0.9175	0.8221	0.9092	0.8537	0.8512	0.1705
71.8	0.9195	0.9927	0.9394	0.8227	0.9095	0.8887	0.8741	0.2587
71.9	0.9262	0.9933	0.9520	0.8632	0.9252	0.9059	0.9112	0.3676
72.0	0.9253	0.9921	0.9354	0.8643	0.9225	0.8962	0.9002	0.3233
72.1	0.9281	0.9928	0.9449	0.8834	0.9386	0.9080	0.9201	0.3828
72.2	0.9344	0.9931	0.9575	0.8603	0.9198	0.9151	0.9114	0.4459
72.3	0.9424	0.9945	0.9590	0.8775	0.9113	0.9067	0.9045	0.5423
72.4	0.9316	0.9937	0.9502	0.8718	0.8923	0.8821	0.8967	0.5336
72.5	0.9200	0.9910	0.9342	0.8488	0.8996	0.8915	0.8919	0.4758
72.6	0.9166	0.9908	0.9448	0.8587	0.9171	0.8998	0.9036	0.5322
72.7	0.9300	0.9936	0.9666	0.8926	0.9372	0.9255	0.9181	0.5400
72.8	0.9370	0.9935	0.9576	0.9074	0.9491	0.9310	0.9339	0.5429
72.9	0.9283	0.9927	0.9509	0.9033	0.9366	0.9117	0.9263	0.5305
73.0	0.9140	0.9910	0.9522	0.8879	0.9365	0.9104	0.9256	0.5854
73.1	0.9327	0.9921	0.9490	0.8961	0.9372	0.9270	0.9290	0.6097
73.2	0.9221	0.9893	0.9334	0.8675	0.9118	0.9043	0.9002	0.5481
73.3	0.9427	0.9894	0.9330	0.8796	0.9243	0.9027	0.9039	0.5899
73.4	0.9177	0.9894	0.9286	0.9084	0.9159	0.8939	0.8939	0.5935
73.5	0.9112	0.9905	0.9593	0.9053	0.9316	0.9218	0.9113	0.7442
73.6	0.9376	0.9914	0.9591	0.9238	0.9520	0.9461	0.9279	0.7798
73.7	0.9279	0.9881	0.9448	0.9081	0.9449	0.9254	0.9126	0.7009
73.8	0.9098	0.9861	0.9530	0.8880	0.9406	0.9194	0.9094	0.7323
73.9	0.9252	0.9878	0.9506	0.8848	0.9425	0.9326	0.9170	0.7685
74.0	0.9283	0.9881	0.9442	0.9030	0.9362	0.9237	0.9231	0.8133
74.1	0.9381	0.9890	0.9497	0.9112	0.9498	0.9195	0.9336	0.8003
74.2	0.9468	0.9907	0.9667	0.9369	0.9657	0.9549	0.9492	0.8667
74.3	0.9397	0.9898	0.9651	0.9120	0.9465	0.9458	0.9173	0.8314
74.4	0.9437	0.9894	0.9571	0.8958	0.9466	0.9443	0.9188	0.8113
74.5	0.9297	0.9881	0.9602	0.9225	0.9512	0.9411	0.9287	0.7905
74.6	0.9441	0.9863	0.9612	0.9122	0.9454	0.9311	0.9250	0.8200
74.7	0.9259	0.9821	0.9425	0.8694	0.9277	0.9120	0.8957	0.7700
74.8	0.9498	0.9843	0.9546	0.9149	0.9413	0.9470	0.9250	0.8534
74.9	0.9680	0.9908	0.9593	0.9365	0.9658	0.9572	0.9556	0.8595
75.0	0.9645	0.9922	0.9483	0.9372	0.9623	0.9529	0.9457	0.8148
75.1	0.9594	0.9906	0.9535	0.9434	0.9599	0.9487	0.9453	0.8196
75.2	0.9425	0.9835	0.9400	0.8966	0.9349	0.9163	0.9027	0.7175
75.3	0.9607	0.9901	0.9548	0.9293	0.9579	0.9423	0.9236	0.8278
75.4	0.9659	0.9913	0.9637	0.9447	0.9613	0.9543	0.9371	0.8398
75.5	0.9585	0.9903	0.9554	0.9416	0.9505	0.9503	0.9272	0.8586
75.6	0.9579	0.9904	0.9567	0.9421	0.9548	0.9647	0.9393	0.8333
75.7	0.9604	0.9915	0.9568	0.9591	0.9594	0.9682	0.9392	0.8452
75.8	0.9587	0.9914	0.9532	0.9569	0.9580	0.9627	0.9355	0.8071
75.9	0.9583	0.9913	0.9493	0.9454	0.9531	0.9512	0.9176	0.8195
76.0	0.9587	0.9911	0.9397	0.9533	0.9459	0.9423	0.9055	0.8293
76.1	0.9518	0.9897	0.9429	0.9523	0.9485	0.9426	0.9068	0.7851
76.2	0.9602	0.9899	0.9511	0.9561	0.9509	0.9476	0.9167	0.8338
76.3	0.9707	0.9918	0.9553	0.9634	0.9584	0.9475	0.9382	0.7853
76.4	0.9733	0.9913	0.9643	0.9612	0.9559	0.9554	0.9252	0.7662
76.5	0.9670	0.9898	0.9280	0.9562	0.9455	0.9477	0.9222	0.7857
76.6	0.9780	0.9930	0.9403	0.9635	0.9533	0.9545	0.9246	0.7507
76.7	0.9789	0.9940	0.9434	0.9681	0.9627	0.9486	0.9309	0.7648

76.8	0.9785	0.9932	0.9429	0.9587	0.9690	0.9351	0.9387	0.6512
76.9	0.9669	0.9892	0.9452	0.9537	0.9635	0.9246	0.9092	0.6001
77.0	0.9676	0.9908	0.9311	0.9627	0.9636	0.9368	0.9193	0.5746
77.1	0.9664	0.9922	0.9412	0.9617	0.9601	0.9556	0.9177	0.5802
77.2	0.9760	0.9941	0.9352	0.9604	0.9555	0.9532	0.9171	0.6109
77.3	0.9778	0.9948	0.9146	0.9684	0.9514	0.9421	0.8972	0.5809
77.4	0.9645	0.9920	0.9116	0.9640	0.9366	0.9416	0.8805	0.5027
77.5	0.9616	0.9903	0.9214	0.9621	0.9352	0.9510	0.8887	0.4943
77.6	0.9738	0.9930	0.9398	0.9651	0.9592	0.9521	0.9231	0.4383
77.7	0.9809	0.9948	0.9362	0.9747	0.9567	0.9567	0.9214	0.4556
77.8	0.9786	0.9932	0.9123	0.9669	0.9359	0.9558	0.8594	0.3586
77.9	0.9752	0.9920	0.9157	0.9594	0.9361	0.9551	0.8570	0.3672
78.0	0.9756	0.9938	0.9344	0.9671	0.9541	0.9483	0.8955	0.3757
78.1	0.9777	0.9930	0.9348	0.9706	0.9551	0.9485	0.9183	0.4466
78.2	0.9797	0.9893	0.9112	0.9590	0.9323	0.9508	0.8352	0.4360
78.3	0.9764	0.9897	0.9074	0.9605	0.9133	0.9588	0.7965	0.3138
78.4	0.9795	0.9930	0.9024	0.9549	0.9345	0.9605	0.8330	0.4122
78.5	0.9785	0.9950	0.9070	0.9559	0.9384	0.9568	0.7977	0.5286
78.6	0.9737	0.9919	0.9113	0.9588	0.9419	0.9445	0.7857	0.3468
78.7	0.9823	0.9925	0.9233	0.9665	0.9485	0.9556	0.8319	0.3386
78.8	0.9765	0.9910	0.9269	0.9734	0.9308	0.9603	0.7728	0.2802
78.9	0.9739	0.9908	0.9262	0.9635	0.9242	0.9621	0.6591	0.3126
79.0	0.9714	0.9862	0.8953	0.9506	0.9097	0.9527	0.2985	0.4129
79.1	0.9724	0.9866	0.7380	0.9254	0.8517	0.9457	0.3620	0.4826
79.2	0.9836	0.9917	0.7837	0.9053	0.8972	0.9636	0.6752	0.4699
79.3	0.9822	0.9924	0.8367	0.9312	0.9162	0.9597	0.7493	0.4077
79.4	0.9843	0.9911	0.8177	0.9425	0.8893	0.9519	0.7503	0.3049
79.5	0.9821	0.9914	0.8113	0.9465	0.8799	0.9538	0.7206	0.3561
79.6	0.9863	0.9925	0.8346	0.9517	0.8607	0.9671	0.5987	0.0911
79.7	0.9836	0.9904	0.8680	0.9502	0.8783	0.9558	0.6130	0.0211
79.8	0.9871	0.9927	0.8544	0.9472	0.8813	0.9505	0.5856	0.1102
79.9	0.9855	0.9937	0.8642	0.9564	0.8846	0.9458	0.5476	0.1429
80.0	0.9810	0.9910	0.8608	0.9318	0.8578	0.9308	0.5680	0.0400

2.2.104 Run 10 – IP270NVP – Accels 9–16

In-plane shaking at 270° with no vertical shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.3700	--	0.4208	0.8889	0.5975	0.6940	0.8384	0.9907
0.1	0.1235	--	0.1825	0.6942	0.3755	0.3618	0.6127	0.9634
0.2	0.0008	--	0.0060	0.0012	0.0089	0.0102	0.0023	0.0010
0.3	0.0065	--	0.0050	0.0044	0.0555	0.0034	0.0135	0.0162
0.4	0.0383	--	0.0267	0.0048	0.0321	0.0004	0.0005	0.0407
0.5	0.0076	--	0.0043	0.0148	0.0240	0.0005	0.0223	0.0305
0.6	0.0103	--	0.0205	0.0168	0.0099	0.0298	0.0289	0.0322
0.7	0.0373	--	0.0314	0.0970	0.0037	0.0031	0.1186	0.0426
0.8	0.2414	--	0.0162	0.4186	0.0511	0.0322	0.4228	0.0548
0.9	0.5449	--	0.0036	0.4453	0.0266	0.0228	0.4517	0.0141
1.0	0.7334	--	0.0137	0.4888	0.0190	0.0072	0.4676	0.0214
1.1	0.8860	--	0.0334	0.6246	0.0174	0.0197	0.6094	0.1575
1.2	0.9001	--	0.0630	0.6427	0.0553	0.1264	0.6302	0.2346
1.3	0.9123	--	0.2750	0.6050	0.1285	0.2496	0.6069	0.3055
1.4	0.9349	--	0.2683	0.2455	0.2278	0.2562	0.2446	0.4297
1.5	0.9351	--	0.3911	0.0646	0.3747	0.3991	0.0658	0.6563
1.6	0.9561	--	0.6255	0.5875	0.7092	0.6174	0.5897	0.8175
1.7	0.9279	--	0.7875	0.8358	0.8086	0.7795	0.8375	0.8558
1.8	0.8552	--	0.9038	0.8520	0.7647	0.8376	0.8523	0.8875
1.9	0.8198	--	0.9261	0.8311	0.7657	0.8254	0.8313	0.8176
2.0	0.7770	--	0.9268	0.7531	0.6986	0.7230	0.7533	0.6891
2.1	0.8972	--	0.9024	0.8614	0.8340	0.8002	0.8616	0.6846
2.2	0.9220	--	0.6984	0.8902	0.8422	0.7895	0.8910	0.5146
2.3	0.9471	--	0.3543	0.9140	0.4298	0.3724	0.9141	0.3784
2.4	0.9633	--	0.3631	0.9375	0.2837	0.2607	0.9377	0.4095
2.5	0.9693	--	0.5223	0.9435	0.3467	0.3589	0.9439	0.5273
2.6	0.9834	--	0.9088	0.9681	0.6527	0.7558	0.9680	0.8721
2.7	0.9861	--	0.9514	0.9713	0.6779	0.8335	0.9714	0.8880
2.8	0.9885	--	0.9713	0.9751	0.6034	0.8164	0.9752	0.8724
2.9	0.9895	--	0.9725	0.9769	0.5715	0.8060	0.9767	0.8411
3.0	0.9928	--	0.9799	0.9831	0.4393	0.7455	0.9831	0.8146
3.1	0.9925	--	0.9799	0.9817	0.3661	0.6752	0.9820	0.7874
3.2	0.9954	--	0.9868	0.9884	0.4661	0.7251	0.9884	0.7990
3.3	0.9947	--	0.9805	0.9870	0.5673	0.7257	0.9869	0.7339
3.4	0.9949	--	0.9821	0.9871	0.5895	0.7578	0.9870	0.7774
3.5	0.9950	--	0.9833	0.9866	0.5507	0.7087	0.9865	0.8110
3.6	0.9964	--	0.9859	0.9899	0.5085	0.7702	0.9900	0.9113
3.7	0.9974	--	0.9897	0.9923	0.4945	0.8235	0.9924	0.9435
3.8	0.9960	--	0.9813	0.9880	0.4267	0.7503	0.9879	0.9047
3.9	0.9968	--	0.9851	0.9906	0.5083	0.8247	0.9905	0.9258
4.0	0.9968	--	0.9858	0.9901	0.3985	0.8060	0.9902	0.9042
4.1	0.9966	--	0.9846	0.9895	0.4051	0.7445	0.9896	0.9305
4.2	0.9970	--	0.9824	0.9900	0.4767	0.7730	0.9900	0.9550
4.3	0.9981	--	0.9863	0.9939	0.4708	0.8688	0.9937	0.9595
4.4	0.9986	--	0.9850	0.9955	0.3149	0.8979	0.9955	0.9539
4.5	0.9986	--	0.9864	0.9949	0.0311	0.8648	0.9949	0.9577
4.6	0.9987	--	0.9873	0.9952	0.0866	0.8927	0.9951	0.9639
4.7	0.9989	--	0.9828	0.9964	0.1570	0.8823	0.9963	0.9586
4.8	0.9991	--	0.9866	0.9968	0.2162	0.8863	0.9968	0.9712
4.9	0.9990	--	0.9875	0.9964	0.2337	0.8957	0.9964	0.9749
5.0	0.9990	--	0.9822	0.9962	0.0868	0.8659	0.9964	0.9681
5.1	0.9991	--	0.9836	0.9970	0.0775	0.7988	0.9970	0.9672
5.2	0.9991	--	0.9816	0.9971	0.0624	0.7890	0.9970	0.9531
5.3	0.9988	--	0.9742	0.9968	0.0231	0.7805	0.9967	0.9412
5.4	0.9989	--	0.9549	0.9973	0.0291	0.7401	0.9971	0.8921
5.5	0.9986	--	0.9164	0.9970	0.0607	0.6753	0.9969	0.8219
5.6	0.9985	--	0.9030	0.9966	0.0760	0.7365	0.9966	0.8198
5.7	0.9980	--	0.9084	0.9962	0.1227	0.7852	0.9961	0.8352
5.8	0.9975	--	0.8956	0.9954	0.1323	0.7562	0.9953	0.8251
5.9	0.9972	--	0.8961	0.9954	0.1448	0.7411	0.9951	0.7874
6.0	0.9970	--	0.8909	0.9947	0.2055	0.7279	0.9946	0.7713
6.1	0.9980	--	0.9166	0.9964	0.3455	0.8361	0.9964	0.8642
6.2	0.9981	--	0.9391	0.9963	0.4842	0.9097	0.9963	0.9186
6.3	0.9983	--	0.9625	0.9968	0.5796	0.9158	0.9968	0.9296
6.4	0.9987	--	0.9731	0.9974	0.6472	0.9288	0.9974	0.9346
6.5	0.9989	--	0.9699	0.9978	0.6111	0.9243	0.9978	0.9027
6.6	0.9987	--	0.9757	0.9971	0.6089	0.9441	0.9971	0.8922
6.7	0.9990	--	0.9823	0.9978	0.7262	0.9453	0.9976	0.9177
6.8	0.9990	--	0.9808	0.9978	0.7273	0.9410	0.9977	0.8951
6.9	0.9992	--	0.9675	0.9980	0.6441	0.8964	0.9979	0.8331
7.0	0.9991	--	0.9639	0.9982	0.6387	0.8315	0.9981	0.7755
7.1	0.9989	--	0.9633	0.9984	0.7135	0.7137	0.9981	0.7831
7.2	0.9989	--	0.9543	0.9987	0.7204	0.6295	0.9984	0.7429
7.3	0.9988	--	0.9382	0.9986	0.6520	0.7964	0.9984	0.6160
7.4	0.9989	--	0.9158	0.9980	0.6725	0.8769	0.9979	0.5254
7.5	0.9990	--	0.9418	0.9984	0.7052	0.9183	0.9982	0.4624
7.6	0.9992	--	0.9590	0.9986	0.7686	0.9400	0.9985	0.4890
7.7	0.9992	--	0.9644	0.9986	0.6959	0.9455	0.9985	0.3182
7.8	0.9993	--	0.9674	0.9986	0.7157	0.9506	0.9986	0.3641
7.9	0.9993	--	0.9636	0.9985	0.6781	0.9338	0.9986	0.5060

8.0	0.9993	--	0.9616	0.9987	0.8165	0.9325	0.9987	0.7395
8.1	0.9995	--	0.9762	0.9992	0.8286	0.9512	0.9991	0.7056
8.2	0.9995	--	0.9799	0.9994	0.8523	0.9467	0.9993	0.6779
8.3	0.9992	--	0.9737	0.9992	0.7833	0.9325	0.9992	0.5746
8.4	0.9995	--	0.9862	0.9995	0.8403	0.9496	0.9995	0.6273
8.5	0.9996	--	0.9841	0.9995	0.7594	0.9459	0.9994	0.6077
8.6	0.9993	--	0.9818	0.9995	0.7041	0.9381	0.9995	0.6815
8.7	0.9994	--	0.9864	0.9997	0.8062	0.9545	0.9997	0.7721
8.8	0.9995	--	0.9861	0.9997	0.5901	0.9571	0.9996	0.7197
8.9	0.9993	--	0.9859	0.9996	0.5853	0.9504	0.9995	0.7871
9.0	0.9993	--	0.9893	0.9996	0.7513	0.9591	0.9996	0.8324
9.1	0.9990	--	0.9855	0.9994	0.6705	0.9399	0.9995	0.7748
9.2	0.9986	--	0.9770	0.9991	0.5226	0.9298	0.9993	0.7989
9.3	0.9988	--	0.9806	0.9993	0.6807	0.9382	0.9993	0.8082
9.4	0.9988	--	0.9868	0.9996	0.8471	0.9553	0.9996	0.8746
9.5	0.9975	--	0.9774	0.9994	0.8482	0.9566	0.9995	0.8273
9.6	0.9979	--	0.9755	0.9994	0.9121	0.9704	0.9994	0.8463
9.7	0.9973	--	0.9766	0.9992	0.9305	0.9699	0.9991	0.7939
9.8	0.9970	--	0.9849	0.9995	0.9702	0.9790	0.9995	0.8655
9.9	0.9961	--	0.9821	0.9994	0.9800	0.9754	0.9995	0.8788
10.0	0.9947	--	0.9696	0.9988	0.9846	0.9670	0.9993	0.8957
10.1	0.9963	--	0.9803	0.9992	0.9902	0.9803	0.9994	0.9350
10.2	0.9968	--	0.9818	0.9995	0.9928	0.9828	0.9994	0.9546
10.3	0.9972	--	0.9775	0.9995	0.9947	0.9828	0.9995	0.9655
10.4	0.9961	--	0.9741	0.9991	0.9941	0.9715	0.9991	0.9639
10.5	0.9975	--	0.9793	0.9990	0.9943	0.9748	0.9990	0.9527
10.6	0.9978	--	0.9771	0.9986	0.9936	0.9742	0.9985	0.9440
10.7	0.9975	--	0.9719	0.9982	0.9952	0.9737	0.9981	0.9463
10.8	0.9981	--	0.9659	0.9980	0.9963	0.9658	0.9979	0.9562
10.9	0.9983	--	0.9673	0.9978	0.9961	0.9665	0.9978	0.9621
11.0	0.9988	--	0.9646	0.9977	0.9965	0.9726	0.9977	0.9723
11.1	0.9986	--	0.9449	0.9968	0.9948	0.9682	0.9969	0.9727
11.2	0.9984	--	0.9397	0.9958	0.9935	0.9595	0.9959	0.9669
11.3	0.9989	--	0.9582	0.9970	0.9963	0.9657	0.9970	0.9770
11.4	0.9988	--	0.9575	0.9968	0.9969	0.9626	0.9968	0.9772
11.5	0.9991	--	0.9741	0.9980	0.9982	0.9705	0.9979	0.9825
11.6	0.9990	--	0.9712	0.9974	0.9970	0.9792	0.9975	0.9723
11.7	0.9988	--	0.9787	0.9975	0.9975	0.9768	0.9976	0.9676
11.8	0.9991	--	0.9860	0.9984	0.9983	0.9811	0.9984	0.9742
11.9	0.9993	--	0.9886	0.9984	0.9985	0.9814	0.9983	0.9702
12.0	0.9994	--	0.9899	0.9986	0.9989	0.9852	0.9986	0.9821
12.1	0.9993	--	0.9888	0.9983	0.9985	0.9878	0.9983	0.9830
12.2	0.9992	--	0.9895	0.9980	0.9985	0.9872	0.9981	0.9884
12.3	0.9987	--	0.9848	0.9974	0.9982	0.9778	0.9974	0.9819
12.4	0.9983	--	0.9848	0.9973	0.9981	0.9814	0.9973	0.9847
12.5	0.9984	--	0.9895	0.9979	0.9986	0.9896	0.9979	0.9909
12.6	0.9982	--	0.9904	0.9982	0.9987	0.9920	0.9981	0.9909
12.7	0.9973	--	0.9829	0.9970	0.9984	0.9850	0.9968	0.9893
12.8	0.9959	--	0.9752	0.9952	0.9978	0.9766	0.9950	0.9879
12.9	0.9976	--	0.9762	0.9959	0.9981	0.9841	0.9960	0.9902
13.0	0.9973	--	0.9659	0.9943	0.9982	0.9776	0.9943	0.9896
13.1	0.9988	--	0.9703	0.9954	0.9986	0.9838	0.9953	0.9918
13.2	0.9988	--	0.9601	0.9947	0.9978	0.9784	0.9943	0.9919
13.3	0.9994	--	0.9528	0.9968	0.9980	0.9826	0.9967	0.9891
13.4	0.9993	--	0.9227	0.9964	0.9978	0.9784	0.9963	0.9898
13.5	0.9995	--	0.8628	0.9946	0.9973	0.9671	0.9942	0.9880
13.6	0.9993	--	0.7340	0.9954	0.9974	0.9584	0.9952	0.9855
13.7	0.9995	--	0.5929	0.9968	0.9984	0.9596	0.9967	0.9914
13.8	0.9994	--	0.6849	0.9979	0.9984	0.9653	0.9978	0.9930
13.9	0.9995	--	0.7104	0.9988	0.9985	0.9654	0.9988	0.9951
14.0	0.9994	--	0.6826	0.9986	0.9981	0.9618	0.9986	0.9930
14.1	0.9994	--	0.3806	0.9988	0.9975	0.9537	0.9989	0.9931
14.2	0.9994	--	0.3212	0.9986	0.9971	0.9470	0.9985	0.9940
14.3	0.9994	--	0.6435	0.9985	0.9973	0.9355	0.9985	0.9950
14.4	0.9991	--	0.7392	0.9989	0.9974	0.9186	0.9989	0.9946
14.5	0.9987	--	0.8872	0.9988	0.9964	0.9043	0.9989	0.9924
14.6	0.9979	--	0.9430	0.9987	0.9957	0.9026	0.9988	0.9908
14.7	0.9964	--	0.9451	0.9988	0.9936	0.8494	0.9988	0.9911
14.8	0.9973	--	0.9496	0.9993	0.9951	0.8339	0.9993	0.9924
14.9	0.9966	--	0.9233	0.9989	0.9932	0.8690	0.9989	0.9918
15.0	0.9969	--	0.9084	0.9983	0.9921	0.9106	0.9983	0.9896
15.1	0.9974	--	0.8787	0.9981	0.9876	0.9486	0.9982	0.9851
15.2	0.9985	--	0.8947	0.9983	0.9924	0.9632	0.9983	0.9892
15.3	0.9983	--	0.9069	0.9983	0.9915	0.9699	0.9984	0.9885
15.4	0.9988	--	0.9023	0.9985	0.9936	0.9727	0.9986	0.9897
15.5	0.9988	--	0.9168	0.9989	0.9940	0.9856	0.9989	0.9925
15.6	0.9983	--	0.9262	0.9987	0.9918	0.9857	0.9987	0.9925
15.7	0.9983	--	0.9390	0.9984	0.9924	0.9798	0.9984	0.9914
15.8	0.9984	--	0.9472	0.9987	0.9935	0.9856	0.9987	0.9924
15.9	0.9975	--	0.9530	0.9987	0.9920	0.9851	0.9987	0.9915
16.0	0.9977	--	0.9670	0.9987	0.9949	0.9864	0.9987	0.9930
16.1	0.9966	--	0.9742	0.9982	0.9931	0.9868	0.9981	0.9932
16.2	0.9960	--	0.9689	0.9979	0.9923	0.9858	0.9980	0.9930
16.3	0.9928	--	0.9696	0.9970	0.9912	0.9839	0.9970	0.9883
16.4	0.9917	--	0.9704	0.9973	0.9885	0.9812	0.9972	0.9886
16.5	0.9908	--	0.9690	0.9976	0.9875	0.9773	0.9976	0.9906

16.6	0.9877	--	0.9612	0.9969	0.9848	0.9625	0.9970	0.9903
16.7	0.9936	--	0.9635	0.9973	0.9882	0.9758	0.9973	0.9917
16.8	0.9903	--	0.9500	0.9960	0.9845	0.9699	0.9962	0.9850
16.9	0.9822	--	0.9522	0.9969	0.9848	0.9706	0.9969	0.9809
17.0	0.9843	--	0.9687	0.9971	0.9897	0.9650	0.9970	0.9800
17.1	0.9652	--	0.9724	0.9955	0.9785	0.9761	0.9952	0.9759
17.2	0.9761	--	0.9784	0.9953	0.9830	0.9854	0.9952	0.9837
17.3	0.9852	--	0.9638	0.9954	0.9777	0.9709	0.9954	0.9850
17.4	0.9926	--	0.9781	0.9980	0.9903	0.9707	0.9979	0.9886
17.5	0.9931	--	0.9767	0.9982	0.9944	0.9739	0.9982	0.9844
17.6	0.9919	--	0.9765	0.9980	0.9954	0.9841	0.9980	0.9858
17.7	0.9877	--	0.9811	0.9978	0.9941	0.9880	0.9978	0.9897
17.8	0.9858	--	0.9829	0.9984	0.9928	0.9893	0.9984	0.9911
17.9	0.9879	--	0.9853	0.9990	0.9928	0.9934	0.9990	0.9945
18.0	0.9925	--	0.9823	0.9988	0.9927	0.9906	0.9988	0.9938
18.1	0.9943	--	0.9853	0.9983	0.9936	0.9869	0.9984	0.9914
18.2	0.9925	--	0.9896	0.9985	0.9965	0.9870	0.9985	0.9926
18.3	0.9905	--	0.9891	0.9980	0.9955	0.9839	0.9980	0.9887
18.4	0.9908	--	0.9826	0.9970	0.9882	0.9708	0.9970	0.9783
18.5	0.9886	--	0.9762	0.9983	0.9855	0.9623	0.9984	0.9445
18.6	0.9863	--	0.9182	0.9984	0.9615	0.9439	0.9984	0.9137
18.7	0.9768	--	0.9042	0.9981	0.9583	0.9793	0.9982	0.9671
18.8	0.9617	--	0.9722	0.9971	0.9856	0.9930	0.9971	0.9862
18.9	0.9612	--	0.9904	0.9974	0.9960	0.9940	0.9975	0.9945
19.0	0.9437	--	0.9922	0.9972	0.9970	0.9934	0.9972	0.9950
19.1	0.8984	--	0.9927	0.9959	0.9973	0.9895	0.9960	0.9901
19.2	0.8660	--	0.9918	0.9960	0.9964	0.9917	0.9961	0.9939
19.3	0.7854	--	0.9908	0.9939	0.9950	0.9875	0.9939	0.9911
19.4	0.8272	--	0.9919	0.9954	0.9960	0.9915	0.9954	0.9922
19.5	0.7895	--	0.9884	0.9941	0.9959	0.9896	0.9941	0.9915
19.6	0.8504	--	0.9910	0.9950	0.9959	0.9928	0.9950	0.9949
19.7	0.8842	--	0.9931	0.9963	0.9969	0.9944	0.9963	0.9958
19.8	0.8835	--	0.9912	0.9922	0.9954	0.9895	0.9922	0.9907
19.9	0.9305	--	0.9880	0.9926	0.9952	0.9907	0.9926	0.9894
20.0	0.9198	--	0.9874	0.9890	0.9920	0.9866	0.9890	0.9895
20.1	0.9227	--	0.9847	0.9851	0.9901	0.9823	0.9852	0.9864
20.2	0.9440	--	0.9867	0.9863	0.9917	0.9846	0.9864	0.9846
20.3	0.9496	--	0.9887	0.9875	0.9931	0.9863	0.9876	0.9890
20.4	0.9600	--	0.9896	0.9856	0.9914	0.9820	0.9855	0.9861
20.5	0.9609	--	0.9895	0.9860	0.9920	0.9835	0.9860	0.9880
20.6	0.9655	--	0.9882	0.9844	0.9905	0.9821	0.9845	0.9860
20.7	0.9773	--	0.9900	0.9896	0.9920	0.9896	0.9896	0.9912
20.8	0.9762	--	0.9836	0.9874	0.9879	0.9868	0.9875	0.9891
20.9	0.9823	--	0.9911	0.9912	0.9942	0.9897	0.9913	0.9935
21.0	0.9794	--	0.9908	0.9882	0.9925	0.9882	0.9883	0.9918
21.1	0.9813	--	0.9886	0.9880	0.9911	0.9887	0.9881	0.9919
21.2	0.9871	--	0.9857	0.9896	0.9903	0.9909	0.9897	0.9926
21.3	0.9843	--	0.9834	0.9904	0.9909	0.9923	0.9905	0.9926
21.4	0.9867	--	0.9866	0.9928	0.9934	0.9939	0.9929	0.9944
21.5	0.9904	--	0.9862	0.9944	0.9927	0.9945	0.9944	0.9948
21.6	0.9907	--	0.9798	0.9932	0.9913	0.9928	0.9932	0.9923
21.7	0.9878	--	0.9777	0.9942	0.9914	0.9929	0.9942	0.9917
21.8	0.9903	--	0.9856	0.9929	0.9919	0.9919	0.9928	0.9905
21.9	0.9924	--	0.9853	0.9941	0.9921	0.9934	0.9941	0.9928
22.0	0.9929	--	0.9814	0.9937	0.9912	0.9934	0.9937	0.9921
22.1	0.9945	--	0.9859	0.9959	0.9930	0.9950	0.9959	0.9942
22.2	0.9935	--	0.9850	0.9961	0.9939	0.9956	0.9961	0.9940
22.3	0.9952	--	0.9857	0.9973	0.9945	0.9972	0.9974	0.9963
22.4	0.9957	--	0.9823	0.9967	0.9940	0.9950	0.9967	0.9935
22.5	0.9959	--	0.9880	0.9973	0.9954	0.9962	0.9973	0.9944
22.6	0.9969	--	0.9925	0.9981	0.9971	0.9978	0.9981	0.9967
22.7	0.9956	--	0.9908	0.9975	0.9975	0.9967	0.9975	0.9955
22.8	0.9940	--	0.9870	0.9967	0.9965	0.9968	0.9968	0.9932
22.9	0.9937	--	0.9838	0.9963	0.9966	0.9954	0.9963	0.9884
23.0	0.9952	--	0.9752	0.9970	0.9939	0.9972	0.9970	0.9875
23.1	0.9944	--	0.9780	0.9960	0.9933	0.9966	0.9961	0.9887
23.2	0.9895	--	0.9677	0.9922	0.9931	0.9949	0.9922	0.9841
23.3	0.9858	--	0.9611	0.9894	0.9924	0.9929	0.9894	0.9795
23.4	0.9881	--	0.9407	0.9904	0.9904	0.9936	0.9904	0.9740
23.5	0.9859	--	0.8918	0.9883	0.9888	0.9921	0.9883	0.9742
23.6	0.9847	--	0.8920	0.9864	0.9889	0.9899	0.9864	0.9803
23.7	0.9837	--	0.8778	0.9843	0.9920	0.9902	0.9844	0.9829
23.8	0.9886	--	0.8446	0.9882	0.9911	0.9911	0.9882	0.9862
23.9	0.9840	--	0.8424	0.9829	0.9927	0.9899	0.9830	0.9832
24.0	0.9844	--	0.8193	0.9823	0.9937	0.9886	0.9824	0.9820
24.1	0.9916	--	0.8781	0.9902	0.9942	0.9899	0.9903	0.9889
24.2	0.9868	--	0.8841	0.9849	0.9961	0.9903	0.9850	0.9895
24.3	0.9812	--	0.8571	0.9762	0.9951	0.9839	0.9762	0.9893
24.4	0.9845	--	0.8848	0.9810	0.9967	0.9902	0.9810	0.9924
24.5	0.9851	--	0.8967	0.9825	0.9967	0.9893	0.9824	0.9947
24.6	0.9866	--	0.8938	0.9836	0.9971	0.9891	0.9837	0.9943
24.7	0.9808	--	0.8770	0.9782	0.9976	0.9892	0.9784	0.9952
24.8	0.9793	--	0.8170	0.9764	0.9978	0.9874	0.9767	0.9950
24.9	0.9766	--	0.8100	0.9784	0.9973	0.9868	0.9785	0.9940
25.0	0.9752	--	0.8927	0.9768	0.9970	0.9864	0.9771	0.9963
25.1	0.9831	--	0.9351	0.9841	0.9980	0.9876	0.9843	0.9980

25.2	0.9792	--	0.9437	0.9806	0.9986	0.9901	0.9807	0.9974
25.3	0.9615	--	0.9279	0.9676	0.9980	0.9833	0.9679	0.9972
25.4	0.9600	--	0.9146	0.9732	0.9986	0.9817	0.9736	0.9981
25.5	0.9452	--	0.8939	0.9699	0.9986	0.9814	0.9702	0.9981
25.6	0.9233	--	0.8039	0.9699	0.9984	0.9744	0.9704	0.9977
25.7	0.8410	--	0.8089	0.9537	0.9988	0.9798	0.9544	0.9966
25.8	0.8824	--	0.9175	0.9712	0.9993	0.9888	0.9715	0.9984
25.9	0.8528	--	0.8854	0.9643	0.9989	0.9826	0.9648	0.9980
26.0	0.8573	--	0.9252	0.9663	0.9990	0.9843	0.9670	0.9979
26.1	0.8718	--	0.9456	0.9668	0.9993	0.9854	0.9676	0.9969
26.2	0.9185	--	0.9631	0.9759	0.9991	0.9872	0.9768	0.9967
26.3	0.9115	--	0.9737	0.9749	0.9989	0.9887	0.9757	0.9968
26.4	0.9108	--	0.9833	0.9720	0.9990	0.9916	0.9727	0.9977
26.5	0.9191	--	0.9821	0.9711	0.9991	0.9902	0.9720	0.9974
26.6	0.9372	--	0.9825	0.9754	0.9993	0.9888	0.9759	0.9968
26.7	0.9533	--	0.9891	0.9794	0.9994	0.9927	0.9797	0.9975
26.8	0.9709	--	0.9943	0.9849	0.9994	0.9960	0.9851	0.9986
26.9	0.9469	--	0.9888	0.9715	0.9988	0.9926	0.9717	0.9976
27.0	0.9462	--	0.9889	0.9678	0.9984	0.9911	0.9681	0.9966
27.1	0.9556	--	0.9845	0.9713	0.9971	0.9847	0.9716	0.9948
27.2	0.9589	--	0.9885	0.9732	0.9975	0.9887	0.9734	0.9953
27.3	0.9475	--	0.9822	0.9653	0.9955	0.9754	0.9656	0.9918
27.4	0.9608	--	0.9827	0.9730	0.9963	0.9744	0.9731	0.9914
27.5	0.9651	--	0.9879	0.9762	0.9973	0.9768	0.9761	0.9936
27.6	0.9563	--	0.9876	0.9693	0.9964	0.9728	0.9691	0.9911
27.7	0.9673	--	0.9884	0.9753	0.9955	0.9711	0.9751	0.9916
27.8	0.9644	--	0.9854	0.9714	0.9934	0.9569	0.9713	0.9921
27.9	0.9746	--	0.9878	0.9782	0.9955	0.9616	0.9782	0.9911
28.0	0.9656	--	0.9795	0.9705	0.9922	0.9190	0.9705	0.9854
28.1	0.9685	--	0.9793	0.9721	0.9903	0.8830	0.9721	0.9844
28.2	0.9765	--	0.9792	0.9793	0.9908	0.8655	0.9792	0.9823
28.3	0.9689	--	0.9795	0.9721	0.9885	0.7847	0.9719	0.9770
28.4	0.9717	--	0.9792	0.9737	0.9861	0.7566	0.9736	0.9692
28.5	0.9865	--	0.9864	0.9867	0.9922	0.8452	0.9866	0.9757
28.6	0.9871	--	0.9884	0.9871	0.9901	0.8103	0.9871	0.9786
28.7	0.9903	--	0.9920	0.9907	0.9919	0.8395	0.9907	0.9834
28.8	0.9908	--	0.9940	0.9896	0.9926	0.8424	0.9894	0.9860
28.9	0.9938	--	0.9947	0.9926	0.9938	0.8595	0.9925	0.9871
29.0	0.9943	--	0.9945	0.9929	0.9950	0.8743	0.9928	0.9869
29.1	0.9941	--	0.9944	0.9928	0.9963	0.8839	0.9928	0.9882
29.2	0.9962	--	0.9952	0.9951	0.9971	0.9092	0.9951	0.9929
29.3	0.9976	--	0.9964	0.9970	0.9979	0.9326	0.9969	0.9961
29.4	0.9964	--	0.9951	0.9950	0.9973	0.9058	0.9948	0.9952
29.5	0.9967	--	0.9941	0.9947	0.9968	0.9037	0.9946	0.9941
29.6	0.9975	--	0.9946	0.9959	0.9978	0.9492	0.9958	0.9958
29.7	0.9981	--	0.9936	0.9962	0.9974	0.9599	0.9960	0.9960
29.8	0.9985	--	0.9923	0.9963	0.9966	0.9592	0.9962	0.9959
29.9	0.9983	--	0.9897	0.9959	0.9963	0.9653	0.9958	0.9957
30.0	0.9985	--	0.9920	0.9964	0.9975	0.9768	0.9962	0.9964
30.1	0.9989	--	0.9946	0.9970	0.9987	0.9827	0.9969	0.9976
30.2	0.9987	--	0.9941	0.9965	0.9987	0.9814	0.9964	0.9975
30.3	0.9989	--	0.9925	0.9955	0.9982	0.9826	0.9954	0.9981
30.4	0.9990	--	0.9932	0.9945	0.9984	0.9837	0.9944	0.9982
30.5	0.9990	--	0.9922	0.9946	0.9981	0.9834	0.9945	0.9977
30.6	0.9991	--	0.9924	0.9950	0.9983	0.9902	0.9949	0.9981
30.7	0.9988	--	0.9919	0.9943	0.9982	0.9870	0.9941	0.9972
30.8	0.9988	--	0.9925	0.9936	0.9983	0.9878	0.9933	0.9971
30.9	0.9992	--	0.9918	0.9929	0.9985	0.9843	0.9926	0.9981
31.0	0.9988	--	0.9907	0.9882	0.9978	0.9805	0.9876	0.9979
31.1	0.9984	--	0.9880	0.9838	0.9975	0.9708	0.9830	0.9969
31.2	0.9986	--	0.9860	0.9803	0.9973	0.9682	0.9795	0.9969
31.3	0.9986	--	0.9802	0.9788	0.9961	0.9725	0.9776	0.9970
31.4	0.9987	--	0.9750	0.9789	0.9967	0.9702	0.9777	0.9977
31.5	0.9979	--	0.9648	0.9680	0.9965	0.9628	0.9661	0.9965
31.6	0.9979	--	0.9782	0.9688	0.9972	0.9754	0.9666	0.9972
31.7	0.9987	--	0.9823	0.9727	0.9979	0.9796	0.9700	0.9982
31.8	0.9980	--	0.9775	0.9648	0.9973	0.9770	0.9610	0.9973
31.9	0.9984	--	0.9783	0.9639	0.9975	0.9769	0.9607	0.9970
32.0	0.9962	--	0.9655	0.9540	0.9967	0.9663	0.9504	0.9943
32.1	0.9967	--	0.9613	0.9535	0.9967	0.9701	0.9507	0.9957
32.2	0.9959	--	0.9599	0.9565	0.9954	0.9707	0.9542	0.9940
32.3	0.9940	--	0.9488	0.9538	0.9919	0.9729	0.9513	0.9911
32.4	0.9947	--	0.9485	0.9541	0.9940	0.9753	0.9529	0.9934
32.5	0.9932	--	0.9366	0.9473	0.9921	0.9620	0.9454	0.9910
32.6	0.9926	--	0.9361	0.9458	0.9921	0.9618	0.9444	0.9906
32.7	0.9935	--	0.9396	0.9386	0.9941	0.9567	0.9377	0.9917
32.8	0.9916	--	0.9453	0.9356	0.9929	0.9521	0.9347	0.9901
32.9	0.9897	--	0.9465	0.9277	0.9909	0.9503	0.9286	0.9884
33.0	0.9927	--	0.9660	0.9403	0.9938	0.9522	0.9411	0.9910
33.1	0.9928	--	0.9741	0.9557	0.9936	0.9504	0.9554	0.9899
33.2	0.9925	--	0.9768	0.9589	0.9927	0.9410	0.9587	0.9900
33.3	0.9915	--	0.9750	0.9563	0.9903	0.9278	0.9563	0.9859
33.4	0.9892	--	0.9734	0.9480	0.9881	0.8463	0.9471	0.9844
33.5	0.9879	--	0.9627	0.9389	0.9879	0.7892	0.9392	0.9822
33.6	0.9845	--	0.9508	0.9395	0.9836	0.7875	0.9390	0.9743
33.7	0.9865	--	0.9555	0.9609	0.9852	0.8359	0.9594	0.9793

33.8	0.9901	--	0.9598	0.9609	0.9889	0.8989	0.9604	0.9845
33.9	0.9901	--	0.9676	0.9655	0.9896	0.9432	0.9653	0.9871
34.0	0.9924	--	0.9741	0.9753	0.9917	0.9589	0.9749	0.9890
34.1	0.9908	--	0.9720	0.9711	0.9897	0.9532	0.9707	0.9848
34.2	0.9907	--	0.9735	0.9685	0.9879	0.9545	0.9675	0.9834
34.3	0.9914	--	0.9800	0.9769	0.9879	0.9671	0.9758	0.9887
34.4	0.9925	--	0.9852	0.9865	0.9904	0.9783	0.9859	0.9913
34.5	0.9944	--	0.9907	0.9896	0.9937	0.9870	0.9892	0.9916
34.6	0.9940	--	0.9907	0.9887	0.9923	0.9812	0.9881	0.9895
34.7	0.9927	--	0.9898	0.9883	0.9912	0.9800	0.9876	0.9904
34.8	0.9953	--	0.9906	0.9903	0.9933	0.9864	0.9897	0.9932
34.9	0.9941	--	0.9918	0.9909	0.9937	0.9869	0.9906	0.9927
35.0	0.9945	--	0.9919	0.9932	0.9937	0.9882	0.9929	0.9926
35.1	0.9931	--	0.9883	0.9905	0.9900	0.9878	0.9902	0.9915
35.2	0.9934	--	0.9887	0.9897	0.9892	0.9855	0.9895	0.9916
35.3	0.9933	--	0.9877	0.9885	0.9889	0.9866	0.9885	0.9913
35.4	0.9922	--	0.9867	0.9871	0.9889	0.9817	0.9869	0.9902
35.5	0.9932	--	0.9878	0.9880	0.9892	0.9849	0.9878	0.9912
35.6	0.9925	--	0.9881	0.9850	0.9934	0.9820	0.9848	0.9929
35.7	0.9954	--	0.9854	0.9861	0.9931	0.9843	0.9865	0.9948
35.8	0.9956	--	0.9835	0.9843	0.9919	0.9827	0.9849	0.9935
35.9	0.9957	--	0.9853	0.9842	0.9924	0.9811	0.9848	0.9937
36.0	0.9947	--	0.9896	0.9904	0.9940	0.9756	0.9905	0.9950
36.1	0.9918	--	0.9768	0.9841	0.9867	0.9609	0.9848	0.9914
36.2	0.9923	--	0.9815	0.9896	0.9901	0.9656	0.9900	0.9945
36.3	0.9936	--	0.9862	0.9924	0.9930	0.9768	0.9931	0.9962
36.4	0.9921	--	0.9859	0.9931	0.9921	0.9820	0.9938	0.9963
36.5	0.9928	--	0.9880	0.9939	0.9917	0.9852	0.9940	0.9955
36.6	0.9929	--	0.9910	0.9954	0.9941	0.9870	0.9956	0.9967
36.7	0.9922	--	0.9914	0.9945	0.9942	0.9890	0.9948	0.9969
36.8	0.9908	--	0.9901	0.9944	0.9927	0.9896	0.9947	0.9970
36.9	0.9883	--	0.9894	0.9943	0.9906	0.9852	0.9945	0.9957
37.0	0.9882	--	0.9882	0.9936	0.9904	0.9870	0.9940	0.9961
37.1	0.9914	--	0.9904	0.9951	0.9923	0.9897	0.9953	0.9977
37.2	0.9909	--	0.9907	0.9944	0.9935	0.9847	0.9946	0.9973
37.3	0.9910	--	0.9896	0.9941	0.9934	0.9847	0.9946	0.9971
37.4	0.9893	--	0.9871	0.9928	0.9936	0.9801	0.9931	0.9973
37.5	0.9907	--	0.9886	0.9934	0.9933	0.9841	0.9935	0.9976
37.6	0.9897	--	0.9867	0.9923	0.9908	0.9676	0.9929	0.9968
37.7	0.9944	--	0.9934	0.9947	0.9950	0.9737	0.9949	0.9979
37.8	0.9927	--	0.9907	0.9943	0.9942	0.9462	0.9943	0.9977
37.9	0.9934	--	0.9890	0.9941	0.9949	0.9057	0.9943	0.9977
38.0	0.9941	--	0.9920	0.9938	0.9961	0.9226	0.9938	0.9978
38.1	0.9950	--	0.9940	0.9942	0.9966	0.9343	0.9942	0.9974
38.2	0.9951	--	0.9946	0.9957	0.9967	0.9399	0.9958	0.9970
38.3	0.9948	--	0.9936	0.9963	0.9961	0.9187	0.9962	0.9969
38.4	0.9951	--	0.9932	0.9960	0.9970	0.9258	0.9960	0.9978
38.5	0.9956	--	0.9928	0.9964	0.9966	0.9053	0.9962	0.9981
38.6	0.9958	--	0.9909	0.9963	0.9969	0.8877	0.9961	0.9982
38.7	0.9953	--	0.9932	0.9966	0.9973	0.8816	0.9965	0.9982
38.8	0.9955	--	0.9889	0.9970	0.9961	0.8521	0.9970	0.9974
38.9	0.9954	--	0.9903	0.9972	0.9970	0.8928	0.9972	0.9982
39.0	0.9960	--	0.9925	0.9970	0.9973	0.9279	0.9968	0.9983
39.1	0.9959	--	0.9925	0.9969	0.9977	0.9345	0.9966	0.9984
39.2	0.9938	--	0.9886	0.9952	0.9969	0.9304	0.9950	0.9981
39.3	0.9946	--	0.9873	0.9969	0.9975	0.9450	0.9969	0.9982
39.4	0.9945	--	0.9851	0.9974	0.9973	0.9578	0.9976	0.9980
39.5	0.9945	--	0.9877	0.9965	0.9974	0.9705	0.9966	0.9978
39.6	0.9937	--	0.9872	0.9932	0.9945	0.9744	0.9929	0.9966
39.7	0.9953	--	0.9847	0.9917	0.9938	0.9761	0.9912	0.9942
39.8	0.9950	--	0.9811	0.9943	0.9948	0.9760	0.9941	0.9943
39.9	0.9941	--	0.9747	0.9977	0.9955	0.9785	0.9976	0.9956
40.0	0.9927	--	0.9768	0.9973	0.9962	0.9838	0.9972	0.9973
40.1	0.9918	--	0.9647	0.9971	0.9960	0.9768	0.9971	0.9973
40.2	0.9943	--	0.9612	0.9976	0.9943	0.9817	0.9976	0.9961
40.3	0.9898	--	0.9516	0.9974	0.9935	0.9805	0.9976	0.9950
40.4	0.9901	--	0.9439	0.9971	0.9945	0.9835	0.9974	0.9958
40.5	0.9916	--	0.9392	0.9978	0.9946	0.9864	0.9979	0.9958
40.6	0.9900	--	0.9113	0.9976	0.9950	0.9854	0.9977	0.9956
40.7	0.9907	--	0.8870	0.9959	0.9939	0.9856	0.9959	0.9947
40.8	0.9884	--	0.8673	0.9951	0.9920	0.9827	0.9952	0.9939
40.9	0.9924	--	0.8684	0.9970	0.9926	0.9841	0.9970	0.9950
41.0	0.9883	--	0.7096	0.9963	0.9874	0.9723	0.9963	0.9937
41.1	0.9880	--	0.6796	0.9953	0.9903	0.9806	0.9955	0.9949
41.2	0.9864	--	0.5037	0.9949	0.9901	0.9792	0.9951	0.9950
41.3	0.9816	--	0.2837	0.9945	0.9867	0.9730	0.9944	0.9929
41.4	0.9873	--	0.4671	0.9959	0.9892	0.9807	0.9958	0.9947
41.5	0.9860	--	0.5248	0.9953	0.9858	0.9812	0.9956	0.9938
41.6	0.9850	--	0.4433	0.9962	0.9821	0.9821	0.9963	0.9912
41.7	0.9819	--	0.4619	0.9959	0.9797	0.9773	0.9958	0.9894
41.8	0.9792	--	0.4668	0.9944	0.9765	0.9726	0.9946	0.9870
41.9	0.9686	--	0.4276	0.9942	0.9669	0.9733	0.9943	0.9827
42.0	0.9761	--	0.6354	0.9956	0.9657	0.9755	0.9956	0.9848
42.1	0.9598	--	0.4831	0.9913	0.9551	0.9731	0.9912	0.9826
42.2	0.9637	--	0.5393	0.9944	0.9615	0.9792	0.9942	0.9815
42.3	0.9594	--	0.6655	0.9882	0.9547	0.9736	0.9885	0.9781

42.4	0.9284	--	0.5475	0.9623	0.9283	0.9575	0.9628	0.9713
42.5	0.9580	--	0.5716	0.9830	0.9396	0.9643	0.9827	0.9761
42.6	0.9559	--	0.6544	0.9900	0.9475	0.9732	0.9890	0.9809
42.7	0.9415	--	0.5826	0.9897	0.9369	0.9732	0.9887	0.9778
42.8	0.9272	--	0.5471	0.9856	0.9458	0.9773	0.9842	0.9757
42.9	0.9098	--	0.5237	0.9768	0.9354	0.9752	0.9742	0.9710
43.0	0.9250	--	0.5250	0.9760	0.9376	0.9796	0.9743	0.9757
43.1	0.9345	--	0.5551	0.9858	0.9471	0.9804	0.9844	0.9790
43.2	0.9327	--	0.6278	0.9893	0.9375	0.9790	0.9880	0.9775
43.3	0.9369	--	0.7278	0.9895	0.9347	0.9871	0.9888	0.9728
43.4	0.9242	--	0.6346	0.9816	0.8999	0.9840	0.9791	0.9399
43.5	0.9231	--	0.6876	0.9793	0.9282	0.9864	0.9765	0.9510
43.6	0.9378	--	0.6633	0.9772	0.9331	0.9810	0.9742	0.9531
43.7	0.9420	--	0.5905	0.9651	0.8896	0.9700	0.9611	0.9338
43.8	0.9540	--	0.6153	0.9595	0.8869	0.9726	0.9564	0.9354
43.9	0.9440	--	0.6096	0.9529	0.9172	0.9759	0.9486	0.9272
44.0	0.9516	--	0.5580	0.9562	0.9324	0.9787	0.9504	0.9294
44.1	0.9435	--	0.4642	0.9561	0.9118	0.9702	0.9505	0.9373
44.2	0.9260	--	0.3402	0.9301	0.8634	0.9589	0.9216	0.9031
44.3	0.8827	--	0.5064	0.9273	0.8623	0.9571	0.9205	0.8991
44.4	0.8761	--	0.5557	0.9421	0.8996	0.9613	0.9367	0.9199
44.5	0.8936	--	0.4624	0.9435	0.8832	0.9632	0.9361	0.9213
44.6	0.9023	--	0.5021	0.9338	0.8491	0.9721	0.9260	0.9285
44.7	0.8741	--	0.4454	0.9074	0.7705	0.9737	0.8986	0.9152
44.8	0.8504	--	0.4771	0.8801	0.8383	0.9697	0.8699	0.9283
44.9	0.8825	--	0.6266	0.8876	0.9082	0.9684	0.8781	0.9261
45.0	0.8500	--	0.6257	0.8943	0.9023	0.9755	0.8824	0.8948
45.1	0.8649	--	0.5709	0.9189	0.8979	0.9802	0.9053	0.8967
45.2	0.8949	--	0.6390	0.9338	0.9261	0.9827	0.9260	0.9467
45.3	0.8913	--	0.5337	0.9306	0.8860	0.9780	0.9234	0.9314
45.4	0.8741	--	0.4455	0.9423	0.8759	0.9679	0.9342	0.9436
45.5	0.8475	--	0.6076	0.9576	0.9314	0.9653	0.9532	0.9520
45.6	0.8225	--	0.7352	0.9730	0.9394	0.9749	0.9698	0.9703
45.7	0.8018	--	0.7589	0.9631	0.9331	0.9758	0.9606	0.9602
45.8	0.8493	--	0.8103	0.9718	0.9560	0.9831	0.9687	0.9653
45.9	0.7066	--	0.7626	0.9539	0.9440	0.9742	0.9502	0.9433
46.0	0.5730	--	0.7892	0.9635	0.9251	0.9765	0.9616	0.9449
46.1	0.5831	--	0.7413	0.9476	0.8945	0.9647	0.9440	0.9413
46.2	0.6793	--	0.5888	0.8498	0.8837	0.9239	0.8425	0.8986
46.3	0.6861	--	0.6378	0.8574	0.9208	0.9407	0.8525	0.9282
46.4	0.7506	--	0.7325	0.9462	0.9093	0.9514	0.9422	0.9092
46.5	0.8343	--	0.7555	0.9121	0.9215	0.9341	0.9074	0.9044
46.6	0.8940	--	0.8646	0.9538	0.9548	0.9607	0.9527	0.9661
46.7	0.8889	--	0.8632	0.9781	0.9633	0.9773	0.9771	0.9754
46.8	0.8316	--	0.8699	0.9804	0.9599	0.9793	0.9786	0.9737
46.9	0.8376	--	0.8855	0.9714	0.9547	0.9711	0.9708	0.9714
47.0	0.8142	--	0.8540	0.9311	0.9530	0.9557	0.9302	0.9461
47.1	0.7049	--	0.8721	0.9377	0.9563	0.9529	0.9363	0.9469
47.2	0.8248	--	0.9164	0.9683	0.9710	0.9709	0.9672	0.9621
47.3	0.8057	--	0.9104	0.9796	0.9657	0.9809	0.9779	0.9553
47.4	0.8399	--	0.9104	0.9782	0.9572	0.9780	0.9773	0.9494
47.5	0.8728	--	0.8867	0.9606	0.9221	0.9701	0.9614	0.9114
47.6	0.8912	--	0.9145	0.9603	0.8628	0.9705	0.9606	0.8740
47.7	0.9054	--	0.9469	0.9519	0.8851	0.9745	0.9516	0.9127
47.8	0.8923	--	0.9470	0.9720	0.9531	0.9796	0.9703	0.9236
47.9	0.8557	--	0.9589	0.9750	0.9596	0.9808	0.9744	0.9171
48.0	0.8533	--	0.9473	0.9625	0.9611	0.9772	0.9601	0.8963
48.1	0.8054	--	0.9089	0.9591	0.9415	0.9486	0.9559	0.6734
48.2	0.8681	--	0.8328	0.9538	0.9591	0.9509	0.9509	0.7683
48.3	0.8941	--	0.8058	0.9226	0.9572	0.9607	0.9153	0.8737
48.4	0.9022	--	0.7639	0.9229	0.9486	0.9347	0.9160	0.8745
48.5	0.9178	--	0.8374	0.9421	0.9566	0.9543	0.9383	0.9261
48.6	0.8692	--	0.8167	0.9345	0.9549	0.9668	0.9269	0.9415
48.7	0.8489	--	0.8290	0.9415	0.9613	0.9670	0.9355	0.9576
48.8	0.8058	--	0.8814	0.9612	0.9545	0.9714	0.9579	0.9654
48.9	0.7914	--	0.8167	0.8788	0.9562	0.9616	0.8563	0.9502
49.0	0.8128	--	0.6624	0.8312	0.9508	0.9241	0.8108	0.9270
49.1	0.8958	--	0.7991	0.8775	0.9353	0.9304	0.8597	0.9047
49.2	0.9084	--	0.8660	0.9545	0.9573	0.9644	0.9474	0.9595
49.3	0.8596	--	0.8948	0.9706	0.9819	0.9751	0.9662	0.9823
49.4	0.8246	--	0.9002	0.9582	0.9736	0.9664	0.9508	0.9725
49.5	0.8497	--	0.9006	0.9182	0.9604	0.9503	0.9091	0.9632
49.6	0.8946	--	0.8887	0.9551	0.9687	0.9576	0.9511	0.9672
49.7	0.9097	--	0.9522	0.9827	0.9865	0.9785	0.9808	0.9830
49.8	0.8640	--	0.9414	0.9770	0.9803	0.9729	0.9757	0.9691
49.9	0.8165	--	0.8971	0.8991	0.9366	0.9305	0.8931	0.8933
50.0	0.8642	--	0.8872	0.9138	0.9447	0.9393	0.9067	0.9204
50.1	0.8372	--	0.9487	0.9742	0.9775	0.9715	0.9732	0.9822
50.2	0.8220	--	0.9556	0.9758	0.9870	0.9660	0.9744	0.9831
50.3	0.8402	--	0.9586	0.9819	0.9821	0.9730	0.9800	0.9820
50.4	0.8520	--	0.9709	0.9827	0.9831	0.9744	0.9809	0.9799
50.5	0.8117	--	0.9597	0.9731	0.9793	0.9736	0.9714	0.9732
50.6	0.7688	--	0.9552	0.9560	0.9695	0.9563	0.9545	0.9636
50.7	0.7708	--	0.9212	0.9224	0.9474	0.9278	0.9165	0.9386
50.8	0.7511	--	0.8994	0.9367	0.9562	0.9375	0.9304	0.9508
50.9	0.6560	--	0.9329	0.9723	0.9546	0.9681	0.9715	0.9646

51.0	0.6149	--	0.9332	0.9536	0.9508	0.9599	0.9520	0.9412
51.1	0.7822	--	0.9430	0.9541	0.9664	0.9607	0.9518	0.9530
51.2	0.7423	--	0.9403	0.9623	0.9687	0.9688	0.9616	0.9620
51.3	0.6950	--	0.8844	0.8697	0.9186	0.9203	0.8662	0.9030
51.4	0.7569	--	0.9159	0.9165	0.9428	0.9224	0.9143	0.9333
51.5	0.7793	--	0.9678	0.9797	0.9769	0.9725	0.9791	0.9690
51.6	0.7483	--	0.9721	0.9814	0.9820	0.9769	0.9811	0.9797
51.7	0.6864	--	0.9563	0.9662	0.9637	0.9686	0.9648	0.9562
51.8	0.7456	--	0.9721	0.9731	0.9776	0.9716	0.9718	0.9686
51.9	0.6761	--	0.9568	0.9721	0.9698	0.9737	0.9719	0.9675
52.0	0.7289	--	0.9474	0.9640	0.9683	0.9709	0.9641	0.9579
52.1	0.7270	--	0.9596	0.9764	0.9758	0.9755	0.9766	0.9641
52.2	0.6300	--	0.9758	0.9850	0.9824	0.9840	0.9854	0.9826
52.3	0.5195	--	0.9589	0.9704	0.9627	0.9747	0.9700	0.9633
52.4	0.5541	--	0.9528	0.9656	0.9538	0.9714	0.9661	0.9518
52.5	0.4328	--	0.9738	0.9827	0.9718	0.9818	0.9827	0.9666
52.6	0.3650	--	0.9711	0.9781	0.9730	0.9801	0.9781	0.9673
52.7	0.4401	--	0.9238	0.9243	0.9429	0.9532	0.9243	0.9269
52.8	0.6000	--	0.9020	0.9019	0.9284	0.9353	0.9027	0.9234
52.9	0.6536	--	0.8928	0.9079	0.9046	0.9187	0.9090	0.9010
53.0	0.6859	--	0.9574	0.9636	0.9552	0.9595	0.9640	0.9497
53.1	0.6934	--	0.9680	0.9745	0.9694	0.9713	0.9753	0.9718
53.2	0.6528	--	0.9493	0.9578	0.9511	0.9603	0.9590	0.9581
53.3	0.6301	--	0.9455	0.9504	0.9525	0.9510	0.9511	0.9506
53.4	0.4548	--	0.9269	0.9271	0.9357	0.9256	0.9290	0.9354
53.5	0.4957	--	0.8916	0.8700	0.8996	0.8992	0.8708	0.8881
53.6	0.7042	--	0.9066	0.8984	0.9090	0.9251	0.8982	0.9009
53.7	0.6103	--	0.9054	0.9131	0.9173	0.9303	0.9120	0.9049
53.8	0.4391	--	0.8619	0.8762	0.8499	0.8888	0.8757	0.8479
53.9	0.5624	--	0.9169	0.9251	0.9159	0.9251	0.9257	0.9201
54.0	0.6085	--	0.9576	0.9648	0.9540	0.9652	0.9654	0.9564
54.1	0.5862	--	0.9603	0.9692	0.9670	0.9682	0.9698	0.9670
54.2	0.6511	--	0.9231	0.9332	0.9338	0.9380	0.9337	0.9169
54.3	0.6482	--	0.9172	0.9231	0.9216	0.9301	0.9234	0.9113
54.4	0.6185	--	0.9369	0.9415	0.9416	0.9508	0.9420	0.9325
54.5	0.5777	--	0.9248	0.9356	0.9379	0.9494	0.9355	0.9283
54.6	0.6294	--	0.9521	0.9544	0.9590	0.9618	0.9543	0.9595
54.7	0.5520	--	0.9291	0.9378	0.9313	0.9490	0.9378	0.9121
54.8	0.5246	--	0.9164	0.9281	0.9163	0.9458	0.9285	0.8931
54.9	0.5061	--	0.8882	0.9023	0.8960	0.9272	0.9032	0.8991
55.0	0.5215	--	0.9332	0.9458	0.9514	0.9611	0.9464	0.9405
55.1	0.5522	--	0.9606	0.9646	0.9759	0.9752	0.9652	0.9636
55.2	0.4997	--	0.9461	0.9505	0.9707	0.9632	0.9511	0.9573
55.3	0.3618	--	0.9267	0.9340	0.9597	0.9565	0.9339	0.9385
55.4	0.4111	--	0.9251	0.9391	0.9614	0.9651	0.9381	0.9383
55.5	0.3856	--	0.8976	0.9154	0.9314	0.9546	0.9143	0.9126
55.6	0.3529	--	0.9144	0.9305	0.9357	0.9583	0.9298	0.9276
55.7	0.3162	--	0.9210	0.9382	0.9565	0.9581	0.9378	0.9456
55.8	0.3267	--	0.9227	0.9433	0.9648	0.9675	0.9429	0.9517
55.9	0.3240	--	0.9209	0.9388	0.9723	0.9640	0.9387	0.9660
56.0	0.2309	--	0.8676	0.8777	0.9254	0.9313	0.8763	0.8892
56.1	0.2716	--	0.8517	0.8536	0.8836	0.9179	0.8501	0.8455
56.2	0.2112	--	0.8804	0.8997	0.9337	0.9336	0.8979	0.9135
56.3	0.1770	--	0.8747	0.9034	0.9423	0.9381	0.9020	0.9219
56.4	0.2101	--	0.8774	0.9067	0.9486	0.9371	0.9051	0.9353
56.5	0.1572	--	0.8786	0.8956	0.9505	0.9301	0.8933	0.9319
56.6	0.1476	--	0.8841	0.8943	0.9593	0.9368	0.8908	0.9244
56.7	0.0697	--	0.8607	0.8791	0.9488	0.9234	0.8753	0.9196
56.8	0.0620	--	0.8397	0.8464	0.9453	0.8908	0.8421	0.9102
56.9	0.0568	--	0.8201	0.8321	0.9263	0.8826	0.8283	0.8945
57.0	0.0751	--	0.8464	0.8603	0.9435	0.9088	0.8586	0.9360
57.1	0.1748	--	0.8522	0.8529	0.9457	0.8996	0.8519	0.9379
57.2	0.1726	--	0.7572	0.7473	0.8237	0.8368	0.7452	0.8310
57.3	0.1250	--	0.8205	0.8134	0.8944	0.8731	0.8112	0.8792
57.4	0.0872	--	0.8408	0.8555	0.9292	0.8931	0.8533	0.9069
57.5	0.1168	--	0.7856	0.8216	0.9164	0.8726	0.8178	0.8961
57.6	0.1621	--	0.7811	0.8032	0.9365	0.8723	0.7998	0.9052
57.7	0.1387	--	0.8075	0.8322	0.9373	0.8741	0.8312	0.9043
57.8	0.2113	--	0.8222	0.8529	0.9320	0.8898	0.8539	0.9144
57.9	0.1071	--	0.8527	0.8780	0.9441	0.9092	0.8760	0.9250
58.0	0.2036	--	0.8057	0.8196	0.9295	0.8490	0.8196	0.9024
58.1	0.2486	--	0.8123	0.8510	0.9315	0.8692	0.8518	0.9334
58.2	0.1770	--	0.7938	0.8430	0.9140	0.8632	0.8427	0.9163
58.3	0.1803	--	0.7688	0.8178	0.8979	0.8212	0.8204	0.9077
58.4	0.0548	--	0.8332	0.8462	0.9161	0.8385	0.8459	0.9000
58.5	0.0864	--	0.7834	0.7969	0.8946	0.8039	0.7958	0.8851
58.6	0.1932	--	0.8079	0.8217	0.8961	0.8179	0.8224	0.8990
58.7	0.1849	--	0.7809	0.7918	0.8708	0.7926	0.7942	0.8933
58.8	0.1936	--	0.7786	0.7946	0.8651	0.7928	0.7971	0.8778
58.9	0.2582	--	0.7909	0.8145	0.8881	0.8096	0.8163	0.8771
59.0	0.2205	--	0.7925	0.8083	0.8957	0.8018	0.8102	0.8721
59.1	0.1945	--	0.8062	0.8100	0.8826	0.7928	0.8125	0.8992
59.2	0.1623	--	0.7299	0.7384	0.8299	0.6890	0.7404	0.8640
59.3	0.0633	--	0.7604	0.7737	0.8456	0.7390	0.7778	0.8622
59.4	0.1049	--	0.8460	0.8459	0.8960	0.8379	0.8478	0.8724
59.5	0.2245	--	0.8328	0.8554	0.8929	0.8197	0.8569	0.8733

59.6	0.1948	--	0.8064	0.8318	0.8700	0.7968	0.8341	0.8748
59.7	0.1921	--	0.7732	0.7940	0.8589	0.7571	0.7977	0.8637
59.8	0.2099	--	0.8070	0.8315	0.8720	0.8003	0.8360	0.8751
59.9	0.1086	--	0.8796	0.8812	0.9126	0.8609	0.8839	0.9052
60.0	0.2739	--	0.8537	0.8423	0.9072	0.7968	0.8403	0.8737
60.1	0.4381	--	0.8121	0.8186	0.8943	0.7769	0.8219	0.8937
60.2	0.4169	--	0.8212	0.8524	0.9024	0.8159	0.8559	0.9091
60.3	0.2860	--	0.8441	0.8846	0.9159	0.8452	0.8878	0.9169
60.4	0.3082	--	0.8056	0.8800	0.8880	0.8399	0.8824	0.9002
60.5	0.3428	--	0.8253	0.8783	0.8872	0.8307	0.8794	0.9063
60.6	0.3597	--	0.8160	0.8582	0.8908	0.8177	0.8586	0.8991
60.7	0.3987	--	0.7891	0.8554	0.8612	0.8038	0.8569	0.8639
60.8	0.4246	--	0.7803	0.8418	0.8657	0.7982	0.8414	0.8642
60.9	0.2879	--	0.7927	0.8430	0.8596	0.8011	0.8421	0.8821
61.0	0.4130	--	0.8253	0.8777	0.8758	0.8257	0.8765	0.8837
61.1	0.4782	--	0.8300	0.8892	0.9084	0.8537	0.8880	0.9044
61.2	0.3516	--	0.8301	0.8719	0.8848	0.8099	0.8720	0.8902
61.3	0.3780	--	0.8244	0.8787	0.8789	0.8209	0.8766	0.8469
61.4	0.3186	--	0.8111	0.8796	0.8868	0.8209	0.8771	0.8960
61.5	0.3517	--	0.8355	0.8917	0.8818	0.8282	0.8887	0.8992
61.6	0.3282	--	0.8075	0.8809	0.8820	0.8327	0.8740	0.8768
61.7	0.3894	--	0.8116	0.8722	0.8755	0.8157	0.8654	0.8844
61.8	0.5484	--	0.8306	0.9062	0.8801	0.8350	0.9027	0.8826
61.9	0.5897	--	0.8660	0.9189	0.9076	0.8388	0.9164	0.8525
62.0	0.3277	--	0.8495	0.8780	0.8932	0.7972	0.8695	0.8479
62.1	0.3641	--	0.8511	0.8671	0.9003	0.8298	0.8579	0.8776
62.2	0.2853	--	0.7725	0.8401	0.8592	0.7978	0.8311	0.8244
62.3	0.3910	--	0.7867	0.8617	0.8374	0.7595	0.8566	0.8673
62.4	0.5150	--	0.8245	0.8859	0.8529	0.7745	0.8805	0.8900
62.5	0.4030	--	0.8473	0.8338	0.8931	0.7561	0.8249	0.8744
62.6	0.3477	--	0.8679	0.8048	0.8754	0.6979	0.7962	0.8956
62.7	0.2521	--	0.8125	0.7760	0.8360	0.6822	0.7672	0.8561
62.8	0.5107	--	0.7892	0.7746	0.8419	0.6427	0.7635	0.8071
62.9	0.5460	--	0.8653	0.8544	0.9022	0.7073	0.8471	0.8393
63.0	0.3363	--	0.8495	0.8135	0.8531	0.6987	0.8041	0.8376
63.1	0.3231	--	0.8234	0.8200	0.8287	0.7191	0.8131	0.8690
63.2	0.3110	--	0.8386	0.8109	0.8436	0.7194	0.8038	0.8781
63.3	0.3228	--	0.7931	0.7608	0.8416	0.6617	0.7521	0.8449
63.4	0.2085	--	0.8160	0.7575	0.8374	0.6195	0.7511	0.8598
63.5	0.2276	--	0.7942	0.7175	0.7866	0.5544	0.7123	0.8140
63.6	0.3279	--	0.8501	0.7562	0.8841	0.6352	0.7461	0.8933
63.7	0.2514	--	0.9025	0.7958	0.9051	0.6737	0.7876	0.9147
63.8	0.2341	--	0.9027	0.8006	0.8743	0.6456	0.7902	0.8818
63.9	0.2605	--	0.8852	0.7639	0.8311	0.6247	0.7526	0.8745
64.0	0.3636	--	0.8807	0.7457	0.8529	0.5983	0.7355	0.8794
64.1	0.3789	--	0.8639	0.7245	0.8282	0.5466	0.7174	0.8764
64.2	0.4071	--	0.8670	0.7316	0.7831	0.5021	0.7247	0.8797
64.3	0.4208	--	0.8319	0.7005	0.8154	0.4828	0.6902	0.8925
64.4	0.2962	--	0.8154	0.6184	0.7972	0.4244	0.6067	0.8834
64.5	0.3424	--	0.8164	0.6316	0.7942	0.3985	0.6171	0.8790
64.6	0.3447	--	0.7953	0.6253	0.7748	0.3614	0.6149	0.9036
64.7	0.2753	--	0.7811	0.5594	0.7632	0.3443	0.5463	0.8782
64.8	0.3727	--	0.7672	0.5779	0.7557	0.4146	0.5659	0.8416
64.9	0.3237	--	0.7649	0.5900	0.7426	0.3977	0.5786	0.8274
65.0	0.2644	--	0.7602	0.5846	0.7488	0.3594	0.5731	0.8396
65.1	0.2541	--	0.7636	0.5420	0.7507	0.3197	0.5260	0.8441
65.2	0.2150	--	0.8647	0.6334	0.8188	0.5044	0.6192	0.8602
65.3	0.3829	--	0.8165	0.5274	0.7756	0.3600	0.5088	0.8421
65.4	0.3760	--	0.7430	0.5249	0.6501	0.3205	0.5125	0.8023
65.5	0.3809	--	0.7742	0.5255	0.6540	0.3520	0.5153	0.8245
65.6	0.4247	--	0.7865	0.5205	0.6851	0.3059	0.5045	0.8289
65.7	0.5005	--	0.6776	0.4773	0.6459	0.2525	0.4596	0.8145
65.8	0.3485	--	0.7186	0.5623	0.6039	0.2718	0.5455	0.7491
65.9	0.4103	--	0.7570	0.5912	0.6979	0.3971	0.5773	0.8071
66.0	0.4948	--	0.6654	0.5042	0.6002	0.2437	0.4902	0.7960
66.1	0.5799	--	0.7030	0.5532	0.7188	0.2723	0.5368	0.8519
66.2	0.4718	--	0.7248	0.5159	0.6939	0.2942	0.4933	0.8399
66.3	0.3847	--	0.6644	0.4676	0.6391	0.2731	0.4413	0.7631
66.4	0.5451	--	0.6921	0.4416	0.5915	0.1833	0.4145	0.7795
66.5	0.5010	--	0.7075	0.4266	0.6161	0.2427	0.4066	0.8194
66.6	0.4691	--	0.6655	0.4828	0.5930	0.2288	0.4669	0.8018
66.7	0.4666	--	0.6546	0.5456	0.5664	0.1823	0.5266	0.7444
66.8	0.4359	--	0.5737	0.3792	0.5537	0.1197	0.3427	0.7663
66.9	0.5743	--	0.6685	0.3600	0.5465	0.1406	0.3210	0.7821
67.0	0.5379	--	0.6421	0.3612	0.5931	0.1447	0.3360	0.7671
67.1	0.5795	--	0.5679	0.4767	0.6069	0.2310	0.4463	0.7638
67.2	0.5554	--	0.5634	0.4238	0.6494	0.2265	0.3887	0.7675
67.3	0.5757	--	0.6135	0.4105	0.6373	0.2566	0.3696	0.7363
67.4	0.5559	--	0.5569	0.3156	0.6542	0.1704	0.2773	0.7214
67.5	0.5374	--	0.4718	0.2807	0.6134	0.1241	0.2419	0.7181
67.6	0.5675	--	0.4034	0.2226	0.6414	0.1330	0.1778	0.7853
67.7	0.5816	--	0.3553	0.1073	0.5397	0.1366	0.0758	0.7180
67.8	0.5920	--	0.4880	0.0373	0.4884	0.2539	0.0189	0.7217
67.9	0.6491	--	0.3478	0.0945	0.5058	0.1935	0.0772	0.8214
68.0	0.5243	--	0.4339	0.1779	0.4355	0.2051	0.1277	0.7779
68.1	0.5197	--	0.3604	0.1397	0.5192	0.2428	0.0962	0.7447

68.2	0.5831	--	0.2718	0.1206	0.5691	0.1985	0.0757	0.7848
68.3	0.5996	--	0.4595	0.1741	0.3919	0.0772	0.1196	0.7658
68.4	0.5379	--	0.3286	0.1512	0.3256	0.0154	0.0957	0.7228
68.5	0.4685	--	0.3530	0.0744	0.4371	0.1597	0.0348	0.8198
68.6	0.4943	--	0.2480	0.1298	0.4064	0.1257	0.0839	0.8119
68.7	0.5366	--	0.3701	0.1707	0.3788	0.0872	0.1157	0.8157
68.8	0.5150	--	0.4659	0.2599	0.2215	0.0983	0.2008	0.7716
68.9	0.5044	--	0.3648	0.0536	0.1900	0.1075	0.0267	0.7676
69.0	0.4931	--	0.2533	0.0528	0.3323	0.1866	0.0198	0.8213
69.1	0.6017	--	0.3647	0.0768	0.4182	0.2192	0.0364	0.8728
69.2	0.6041	--	0.3857	0.0996	0.4369	0.1999	0.0502	0.8614
69.3	0.5709	--	0.3041	0.0649	0.3788	0.2781	0.0247	0.8559
69.4	0.5732	--	0.1956	0.0974	0.3008	0.3422	0.0811	0.8468
69.5	0.5748	--	0.2700	0.0669	0.4489	0.3805	0.0427	0.8734
69.6	0.5473	--	0.2995	0.0861	0.4471	0.3260	0.0468	0.8822
69.7	0.4442	--	0.2114	0.0773	0.4313	0.2848	0.0578	0.8523
69.8	0.4266	--	0.2419	0.0053	0.4445	0.4855	0.0040	0.8716
69.9	0.5320	--	0.3558	0.0089	0.5535	0.5936	0.0004	0.9120
70.0	0.4836	--	0.2957	0.0769	0.4544	0.4491	0.0376	0.8595
70.1	0.4453	--	0.1003	0.0337	0.3087	0.4357	0.0206	0.8671
70.2	0.4770	--	0.1372	0.0269	0.2844	0.5284	0.0269	0.9143
70.3	0.2294	--	0.1074	0.0513	0.1417	0.5491	0.0693	0.8778
70.4	0.3323	--	0.1211	0.0776	0.1745	0.4942	0.0644	0.8818
70.5	0.4019	--	0.2075	0.0112	0.2992	0.5670	0.0063	0.8920
70.6	0.3825	--	0.2874	0.0055	0.2328	0.6236	0.0019	0.9023
70.7	0.3903	--	0.3308	0.0175	0.1333	0.6556	0.0245	0.9157
70.8	0.3919	--	0.1661	0.0582	0.0715	0.6703	0.0897	0.9379
70.9	0.4310	--	0.1162	0.0650	0.0305	0.5926	0.0829	0.9315
71.0	0.3146	--	0.2040	0.0170	0.1286	0.5456	0.0061	0.9067
71.1	0.3950	--	0.1948	0.0102	0.1409	0.5829	0.0019	0.9020
71.2	0.3146	--	0.1278	0.0033	0.0563	0.6447	0.0158	0.9018
71.3	0.4048	--	0.1419	0.0075	0.0399	0.5966	0.0177	0.9194
71.4	0.3336	--	0.1377	0.0328	0.0345	0.6184	0.0549	0.9186
71.5	0.3440	--	0.1127	0.0874	0.0789	0.6384	0.0713	0.9107
71.6	0.3054	--	0.0986	0.0898	0.0340	0.6030	0.0837	0.8873
71.7	0.2982	--	0.1406	0.1113	0.1004	0.6549	0.1522	0.9153
71.8	0.3439	--	0.3080	0.1451	0.0423	0.6515	0.1945	0.9217
71.9	0.4567	--	0.3785	0.2361	0.1118	0.7364	0.2874	0.9324
72.0	0.4010	--	0.2752	0.3226	0.2337	0.7071	0.3546	0.9192
72.1	0.4609	--	0.3615	0.3866	0.3560	0.7645	0.4313	0.9273
72.2	0.3619	--	0.3757	0.3686	0.2244	0.7142	0.3993	0.9259
72.3	0.4503	--	0.3607	0.3587	0.2203	0.7245	0.3881	0.9357
72.4	0.4325	--	0.4223	0.3478	0.1625	0.7377	0.3843	0.9325
72.5	0.3634	--	0.2638	0.2459	0.1598	0.6484	0.2769	0.9144
72.6	0.4811	--	0.4175	0.4324	0.2676	0.7541	0.4636	0.9309
72.7	0.5802	--	0.4160	0.5166	0.4120	0.8212	0.5452	0.9566
72.8	0.5455	--	0.5266	0.5737	0.2833	0.8234	0.6072	0.9501
72.9	0.5510	--	0.5561	0.6120	0.2292	0.8447	0.6442	0.9556
73.0	0.6164	--	0.5218	0.5334	0.3061	0.8095	0.5712	0.9531
73.1	0.6658	--	0.5819	0.5933	0.3504	0.8134	0.6262	0.9458
73.2	0.6242	--	0.5266	0.5222	0.3396	0.7888	0.5498	0.9301
73.3	0.6922	--	0.5637	0.6180	0.3893	0.8194	0.6430	0.9460
73.4	0.6856	--	0.5893	0.7284	0.4209	0.8636	0.7446	0.9507
73.5	0.6930	--	0.5360	0.7544	0.4885	0.8696	0.7747	0.9516
73.6	0.7650	--	0.6458	0.7887	0.5522	0.8866	0.8089	0.9526
73.7	0.6972	--	0.5880	0.7062	0.5057	0.8469	0.7344	0.9425
73.8	0.6821	--	0.5697	0.7401	0.4957	0.8493	0.7660	0.9433
73.9	0.7204	--	0.6383	0.7763	0.4687	0.8646	0.7980	0.9584
74.0	0.7776	--	0.6211	0.7577	0.4661	0.8586	0.7794	0.9501
74.1	0.7986	--	0.6727	0.8160	0.4845	0.8959	0.8337	0.9605
74.2	0.8566	--	0.8123	0.8757	0.5555	0.9376	0.8912	0.9679
74.3	0.8160	--	0.7380	0.8379	0.5453	0.9074	0.8552	0.9571
74.4	0.8013	--	0.7094	0.8489	0.5649	0.9172	0.8657	0.9624
74.5	0.8481	--	0.7087	0.8423	0.4791	0.9203	0.8626	0.9652
74.6	0.8383	--	0.7327	0.8323	0.5000	0.9097	0.8524	0.9636
74.7	0.8172	--	0.6352	0.7809	0.5094	0.8752	0.8054	0.9518
74.8	0.8960	--	0.8020	0.8711	0.5835	0.9257	0.8836	0.9617
74.9	0.8879	--	0.7963	0.8854	0.7266	0.9313	0.8982	0.9708
75.0	0.8603	--	0.6868	0.8733	0.7618	0.9288	0.8900	0.9698
75.1	0.8951	--	0.7576	0.8909	0.7966	0.9327	0.9047	0.9650
75.2	0.8451	--	0.6897	0.8561	0.6883	0.9095	0.8723	0.9383
75.3	0.8732	--	0.7312	0.8555	0.7691	0.9153	0.8712	0.9602
75.4	0.8804	--	0.7248	0.8654	0.7836	0.9232	0.8797	0.9648
75.5	0.8638	--	0.7024	0.8409	0.7758	0.9123	0.8604	0.9530
75.6	0.9064	--	0.7678	0.8870	0.7923	0.9259	0.9002	0.9556
75.7	0.9248	--	0.7982	0.9102	0.8410	0.9458	0.9222	0.9634
75.8	0.9368	--	0.7883	0.9114	0.8592	0.9451	0.9245	0.9570
75.9	0.9339	--	0.7591	0.9049	0.8631	0.9396	0.9169	0.9582
76.0	0.9164	--	0.7563	0.8914	0.8815	0.9243	0.9018	0.9508
76.1	0.8999	--	0.6839	0.8593	0.8583	0.9134	0.8764	0.9416
76.2	0.9244	--	0.7508	0.8950	0.8613	0.9318	0.9077	0.9473
76.3	0.8995	--	0.7024	0.9004	0.8858	0.9351	0.9131	0.9509
76.4	0.9312	--	0.6754	0.9161	0.8988	0.9446	0.9276	0.9494
76.5	0.9233	--	0.7024	0.8913	0.8846	0.9204	0.9042	0.9366
76.6	0.9133	--	0.7061	0.9191	0.9174	0.9443	0.9294	0.9415
76.7	0.9140	--	0.6668	0.9241	0.9296	0.9494	0.9364	0.9532

76.8	0.9089	--	0.6510	0.8912	0.9269	0.9244	0.9094	0.9545
76.9	0.8815	--	0.6466	0.8842	0.9038	0.9232	0.9010	0.9276
77.0	0.9078	--	0.6923	0.9086	0.9128	0.9416	0.9199	0.9204
77.1	0.9207	--	0.6599	0.9181	0.9038	0.9426	0.9301	0.9015
77.2	0.9002	--	0.6745	0.9013	0.9173	0.9315	0.9141	0.9053
77.3	0.8951	--	0.7016	0.9223	0.9149	0.9374	0.9311	0.8891
77.4	0.9057	--	0.7203	0.9309	0.8927	0.9343	0.9373	0.8568
77.5	0.9148	--	0.7368	0.9271	0.8610	0.9228	0.9323	0.8359
77.6	0.9243	--	0.7701	0.9167	0.8959	0.9347	0.9301	0.8652
77.7	0.9287	--	0.8150	0.9349	0.8997	0.9523	0.9425	0.8431
77.8	0.9204	--	0.8330	0.9426	0.8728	0.9498	0.9470	0.8152
77.9	0.9142	--	0.8690	0.9420	0.8740	0.9344	0.9452	0.7836
78.0	0.9107	--	0.8667	0.9328	0.8803	0.9286	0.9355	0.7118
78.1	0.9049	--	0.8650	0.9327	0.8491	0.9181	0.9337	0.6114
78.2	0.8988	--	0.8598	0.9330	0.7875	0.8935	0.9259	0.4831
78.3	0.8961	--	0.8801	0.9289	0.7564	0.8713	0.9180	0.3828
78.4	0.9054	--	0.9201	0.9444	0.8294	0.9093	0.9390	0.4269
78.5	0.8922	--	0.9171	0.9515	0.7873	0.9251	0.9471	0.4577
78.6	0.8982	--	0.9164	0.9519	0.7058	0.9106	0.9495	0.4042
78.7	0.9148	--	0.9165	0.9449	0.6823	0.8952	0.9401	0.4270
78.8	0.9229	--	0.9405	0.9522	0.6202	0.9142	0.9425	0.6064
78.9	0.9156	--	0.9308	0.9592	0.4413	0.9135	0.9507	0.7054
79.0	0.9019	--	0.9188	0.9499	0.4978	0.9119	0.9435	0.7715
79.1	0.8613	--	0.9109	0.9359	0.5473	0.9252	0.9303	0.7832
79.2	0.8606	--	0.9444	0.9580	0.6620	0.9484	0.9565	0.8268
79.3	0.8821	--	0.9446	0.9553	0.5875	0.9269	0.9494	0.7904
79.4	0.8653	--	0.9302	0.9449	0.5219	0.9264	0.9383	0.8146
79.5	0.8467	--	0.9352	0.9451	0.5768	0.9216	0.9421	0.8371
79.6	0.8898	--	0.9356	0.9514	0.5043	0.9302	0.9481	0.8534
79.7	0.8527	--	0.9386	0.9516	0.4754	0.9291	0.9489	0.8707
79.8	0.8505	--	0.9351	0.9564	0.5731	0.9336	0.9538	0.8841
79.9	0.8325	--	0.9348	0.9500	0.6312	0.9421	0.9460	0.8967
80.0	0.8398	--	0.9086	0.9430	0.6330	0.9337	0.9396	0.8810

2.2.105 Run 10 – IP270NVP – Accels 17–24

In-plane shaking at 270° with no vertical shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0061	0.3768	--	0.8717	0.8991	0.5484	0.8542	0.9786
0.1	0.0074	0.0916	--	0.6144	0.7465	0.2449	0.6611	0.9352
0.2	0.0040	0.0107	--	0.0126	0.0021	0.0017	0.0084	0.0497
0.3	0.0134	0.0100	--	0.0016	0.0210	0.0482	0.0029	0.0404
0.4	0.0445	0.0124	--	0.0240	0.0180	0.0315	0.0108	0.0096
0.5	0.0782	0.0146	--	0.0361	0.0350	0.0529	0.0046	0.0752
0.6	0.0051	0.0953	--	0.0194	0.1516	0.0554	0.0169	0.0796
0.7	0.0021	0.2683	--	0.0324	0.2325	0.0156	0.0004	0.3405
0.8	0.0049	0.5647	--	0.0177	0.4549	0.0071	0.1443	0.6639
0.9	0.0325	0.6830	--	0.0004	0.4913	0.0041	0.1278	0.7892
1.0	0.0393	0.8129	--	0.0022	0.7457	0.0202	0.0684	0.8970
1.1	0.1259	0.9113	--	0.1610	0.8296	0.0275	0.1552	0.9676
1.2	0.2542	0.9044	--	0.3227	0.8417	0.0797	0.2632	0.9440
1.3	0.3165	0.9148	--	0.4253	0.7849	0.0984	0.3209	0.9222
1.4	0.2884	0.9354	--	0.4022	0.6193	0.3303	0.2147	0.7969
1.5	0.4259	0.9324	--	0.5313	0.6740	0.7453	0.3594	0.7972
1.6	0.6361	0.9563	--	0.7101	0.8138	0.7808	0.6186	0.8952
1.7	0.7778	0.9290	--	0.8053	0.8775	0.7034	0.7969	0.9251
1.8	0.8541	0.8545	--	0.8802	0.8862	0.7584	0.8867	0.8664
1.9	0.8405	0.8205	--	0.8484	0.8296	0.7130	0.9046	0.8197
2.0	0.7286	0.7781	--	0.7427	0.8404	0.6538	0.8187	0.7989
2.1	0.7942	0.8972	--	0.6909	0.9504	0.7934	0.8754	0.9192
2.2	0.7954	0.9230	--	0.5375	0.9654	0.8254	0.6344	0.9406
2.3	0.3858	0.9481	--	0.2313	0.9793	0.4697	0.3476	0.9638
2.4	0.2231	0.9636	--	0.2867	0.9801	0.2433	0.3852	0.9757
2.5	0.2962	0.9707	--	0.5053	0.9923	0.2716	0.5573	0.9814
2.6	0.5969	0.9840	--	0.9051	0.9972	0.4428	0.9190	0.9904
2.7	0.7148	0.9863	--	0.9617	0.9980	0.6476	0.9536	0.9924
2.8	0.7280	0.9890	--	0.9760	0.9986	0.5445	0.9689	0.9942
2.9	0.7507	0.9900	--	0.9844	0.9988	0.5130	0.9690	0.9947
3.0	0.7793	0.9930	--	0.9858	0.9994	0.6360	0.9769	0.9964
3.1	0.7751	0.9926	--	0.9813	0.9992	0.5773	0.9771	0.9962
3.2	0.8672	0.9954	--	0.9831	0.9996	0.6684	0.9852	0.9978
3.3	0.8675	0.9947	--	0.9828	0.9994	0.7080	0.9810	0.9975
3.4	0.8604	0.9952	--	0.9839	0.9997	0.8044	0.9812	0.9978
3.5	0.8522	0.9951	--	0.9792	0.9995	0.8047	0.9813	0.9977
3.6	0.8916	0.9964	--	0.9817	0.9997	0.8761	0.9858	0.9984
3.7	0.9111	0.9974	--	0.9823	0.9997	0.8967	0.9891	0.9989
3.8	0.8714	0.9961	--	0.9664	0.9992	0.8402	0.9818	0.9983
3.9	0.9032	0.9969	--	0.9703	0.9994	0.8933	0.9857	0.9987
4.0	0.8964	0.9967	--	0.9649	0.9994	0.8885	0.9856	0.9984
4.1	0.8763	0.9967	--	0.9668	0.9994	0.8652	0.9829	0.9985
4.2	0.8876	0.9970	--	0.9666	0.9995	0.9123	0.9819	0.9989
4.3	0.9278	0.9982	--	0.9691	0.9994	0.9288	0.9882	0.9993
4.4	0.9450	0.9987	--	0.9746	0.9995	0.9124	0.9885	0.9994
4.5	0.9316	0.9986	--	0.9645	0.9994	0.8993	0.9872	0.9994
4.6	0.9349	0.9987	--	0.9712	0.9992	0.9178	0.9889	0.9994
4.7	0.9395	0.9990	--	0.9709	0.9993	0.9029	0.9881	0.9995
4.8	0.9453	0.9991	--	0.9705	0.9993	0.9306	0.9915	0.9996
4.9	0.9392	0.9991	--	0.9643	0.9992	0.9504	0.9908	0.9996
5.0	0.9282	0.9991	--	0.9584	0.9990	0.9344	0.9869	0.9995
5.1	0.9248	0.9992	--	0.9474	0.9989	0.9399	0.9880	0.9994
5.2	0.9037	0.9992	--	0.9493	0.9990	0.9336	0.9893	0.9994
5.3	0.8970	0.9989	--	0.9524	0.9989	0.9255	0.9854	0.9991
5.4	0.9060	0.9989	--	0.9236	0.9986	0.8943	0.9760	0.9989
5.5	0.8727	0.9986	--	0.8851	0.9985	0.8584	0.9630	0.9985
5.6	0.8896	0.9985	--	0.8783	0.9983	0.8663	0.9566	0.9982
5.7	0.9206	0.9980	--	0.8950	0.9979	0.8951	0.9595	0.9977
5.8	0.9250	0.9975	--	0.8904	0.9974	0.8931	0.9560	0.9969
5.9	0.9322	0.9974	--	0.9061	0.9969	0.8394	0.9634	0.9967
6.0	0.9138	0.9973	--	0.9035	0.9965	0.7557	0.9526	0.9962
6.1	0.9353	0.9980	--	0.9305	0.9976	0.7761	0.9620	0.9973
6.2	0.9426	0.9981	--	0.9556	0.9979	0.8035	0.9715	0.9976
6.3	0.9421	0.9984	--	0.9699	0.9982	0.8293	0.9793	0.9980
6.4	0.9373	0.9987	--	0.9821	0.9984	0.8595	0.9835	0.9983
6.5	0.8847	0.9990	--	0.9810	0.9988	0.8506	0.9848	0.9987
6.6	0.8152	0.9989	--	0.9730	0.9989	0.8378	0.9823	0.9984
6.7	0.7043	0.9991	--	0.9766	0.9990	0.8585	0.9842	0.9988
6.8	0.3161	0.9992	--	0.9716	0.9991	0.8430	0.9847	0.9988
6.9	0.1301	0.9993	--	0.9483	0.9992	0.7571	0.9755	0.9989
7.0	0.3127	0.9994	--	0.9269	0.9990	0.8058	0.9587	0.9990
7.1	0.6027	0.9994	--	0.9012	0.9989	0.8154	0.9450	0.9987
7.2	0.7171	0.9995	--	0.8520	0.9993	0.8321	0.9157	0.9991
7.3	0.7129	0.9994	--	0.7467	0.9993	0.7650	0.8654	0.9992
7.4	0.7700	0.9993	--	0.6315	0.9992	0.7317	0.8660	0.9989
7.5	0.8255	0.9994	--	0.6740	0.9992	0.7446	0.8959	0.9988
7.6	0.8777	0.9994	--	0.8346	0.9989	0.7143	0.9310	0.9988
7.7	0.8712	0.9994	--	0.8963	0.9990	0.6656	0.9451	0.9988
7.8	0.8801	0.9995	--	0.9044	0.9993	0.6884	0.9543	0.9992
7.9	0.8192	0.9995	--	0.8790	0.9990	0.6587	0.9501	0.9992

8.0	0.8794	0.9994	--	0.9109	0.9991	0.7167	0.9576	0.9991
8.1	0.9000	0.9996	--	0.9441	0.9993	0.7035	0.9724	0.9994
8.2	0.9257	0.9996	--	0.9586	0.9990	0.6444	0.9784	0.9994
8.3	0.8675	0.9994	--	0.9207	0.9987	0.5240	0.9711	0.9991
8.4	0.8929	0.9996	--	0.9399	0.9991	0.6529	0.9835	0.9993
8.5	0.8436	0.9995	--	0.9292	0.9988	0.5461	0.9785	0.9992
8.6	0.8222	0.9995	--	0.9304	0.9986	0.4568	0.9790	0.9990
8.7	0.8703	0.9996	--	0.9577	0.9989	0.5958	0.9842	0.9992
8.8	0.7267	0.9996	--	0.9466	0.9986	0.3829	0.9796	0.9991
8.9	0.6930	0.9994	--	0.9272	0.9981	0.5114	0.9733	0.9985
9.0	0.7830	0.9993	--	0.9273	0.9982	0.6585	0.9752	0.9984
9.1	0.7017	0.9989	--	0.9079	0.9970	0.5589	0.9718	0.9973
9.2	0.5121	0.9988	--	0.9059	0.9962	0.5498	0.9623	0.9968
9.3	0.6549	0.9989	--	0.8821	0.9968	0.6792	0.9451	0.9969
9.4	0.8194	0.9988	--	0.9030	0.9959	0.8188	0.9571	0.9961
9.5	0.8282	0.9978	--	0.7836	0.9926	0.8147	0.9154	0.9935
9.6	0.9116	0.9983	--	0.7593	0.9941	0.8849	0.9050	0.9944
9.7	0.9295	0.9975	--	0.6036	0.9918	0.9013	0.8995	0.9913
9.8	0.9692	0.9971	--	0.5607	0.9918	0.9488	0.9315	0.9906
9.9	0.9696	0.9963	--	0.5080	0.9898	0.9545	0.9413	0.9889
10.0	0.9678	0.9948	--	0.6608	0.9847	0.9529	0.9372	0.9835
10.1	0.9796	0.9961	--	0.8624	0.9885	0.9692	0.9651	0.9879
10.2	0.9813	0.9970	--	0.8874	0.9905	0.9736	0.9694	0.9905
10.3	0.9842	0.9974	--	0.9267	0.9931	0.9789	0.9742	0.9923
10.4	0.9806	0.9963	--	0.9152	0.9896	0.9746	0.9740	0.9891
10.5	0.9832	0.9974	--	0.9324	0.9921	0.9761	0.9725	0.9920
10.6	0.9790	0.9976	--	0.9217	0.9932	0.9744	0.9662	0.9931
10.7	0.9783	0.9976	--	0.9196	0.9896	0.9838	0.9650	0.9895
10.8	0.9741	0.9979	--	0.9318	0.9888	0.9870	0.9624	0.9891
10.9	0.9738	0.9981	--	0.9402	0.9896	0.9877	0.9624	0.9903
11.0	0.9704	0.9988	--	0.9460	0.9904	0.9885	0.9638	0.9913
11.1	0.9646	0.9984	--	0.9323	0.9884	0.9844	0.9427	0.9895
11.2	0.9562	0.9982	--	0.9458	0.9859	0.9806	0.9376	0.9874
11.3	0.9685	0.9989	--	0.9634	0.9909	0.9880	0.9604	0.9919
11.4	0.9606	0.9988	--	0.9632	0.9886	0.9860	0.9577	0.9897
11.5	0.9742	0.9990	--	0.9753	0.9923	0.9915	0.9728	0.9929
11.6	0.9788	0.9990	--	0.9669	0.9907	0.9914	0.9672	0.9913
11.7	0.9809	0.9990	--	0.9687	0.9916	0.9919	0.9719	0.9919
11.8	0.9831	0.9993	--	0.9803	0.9943	0.9951	0.9825	0.9945
11.9	0.9835	0.9993	--	0.9818	0.9952	0.9945	0.9893	0.9951
12.0	0.9885	0.9995	--	0.9827	0.9959	0.9954	0.9886	0.9956
12.1	0.9880	0.9992	--	0.9765	0.9949	0.9945	0.9881	0.9948
12.2	0.9885	0.9990	--	0.9671	0.9939	0.9950	0.9845	0.9937
12.3	0.9861	0.9987	--	0.9512	0.9927	0.9935	0.9834	0.9922
12.4	0.9840	0.9984	--	0.9496	0.9925	0.9932	0.9848	0.9915
12.5	0.9896	0.9983	--	0.9685	0.9932	0.9950	0.9860	0.9928
12.6	0.9917	0.9981	--	0.9791	0.9937	0.9958	0.9856	0.9934
12.7	0.9873	0.9974	--	0.9784	0.9910	0.9969	0.9766	0.9913
12.8	0.9775	0.9960	--	0.9736	0.9890	0.9963	0.9668	0.9896
12.9	0.9853	0.9973	--	0.9844	0.9931	0.9960	0.9728	0.9935
13.0	0.9800	0.9975	--	0.9822	0.9931	0.9963	0.9619	0.9933
13.1	0.9840	0.9988	--	0.9926	0.9961	0.9969	0.9708	0.9961
13.2	0.9831	0.9988	--	0.9919	0.9966	0.9968	0.9538	0.9968
13.3	0.9844	0.9994	--	0.9952	0.9981	0.9962	0.9652	0.9981
13.4	0.9814	0.9993	--	0.9950	0.9980	0.9954	0.9486	0.9980
13.5	0.9741	0.9994	--	0.9936	0.9979	0.9964	0.8944	0.9978
13.6	0.9702	0.9992	--	0.9953	0.9980	0.9967	0.8265	0.9977
13.7	0.9625	0.9994	--	0.9953	0.9988	0.9965	0.7891	0.9987
13.8	0.9560	0.9993	--	0.9950	0.9993	0.9964	0.7406	0.9990
13.9	0.9584	0.9994	--	0.9962	0.9994	0.9974	0.6795	0.9993
14.0	0.9300	0.9994	--	0.9972	0.9995	0.9956	0.5691	0.9993
14.1	0.8610	0.9995	--	0.9962	0.9994	0.9955	0.6140	0.9994
14.2	0.8144	0.9994	--	0.9941	0.9994	0.9971	0.7337	0.9993
14.3	0.7890	0.9992	--	0.9902	0.9989	0.9973	0.6692	0.9989
14.4	0.7836	0.9988	--	0.9861	0.9988	0.9957	0.5497	0.9986
14.5	0.7738	0.9979	--	0.9898	0.9987	0.9932	0.6258	0.9985
14.6	0.6594	0.9969	--	0.9923	0.9985	0.9888	0.6244	0.9982
14.7	0.6350	0.9943	--	0.9925	0.9986	0.9818	0.5347	0.9984
14.8	0.7596	0.9950	--	0.9953	0.9992	0.9886	0.3665	0.9990
14.9	0.8622	0.9933	--	0.9940	0.9990	0.9902	0.1666	0.9988
15.0	0.9076	0.9935	--	0.9915	0.9985	0.9937	0.1031	0.9985
15.1	0.9249	0.9948	--	0.9924	0.9981	0.9962	0.0816	0.9984
15.2	0.9275	0.9972	--	0.9936	0.9984	0.9977	0.1114	0.9988
15.3	0.9410	0.9977	--	0.9944	0.9986	0.9986	0.1877	0.9988
15.4	0.9469	0.9986	--	0.9957	0.9987	0.9988	0.1848	0.9989
15.5	0.9502	0.9986	--	0.9964	0.9989	0.9989	0.4456	0.9991
15.6	0.9289	0.9980	--	0.9963	0.9986	0.9986	0.5566	0.9987
15.7	0.9179	0.9982	--	0.9955	0.9983	0.9980	0.4885	0.9984
15.8	0.9459	0.9982	--	0.9966	0.9985	0.9984	0.5826	0.9987
15.9	0.9341	0.9976	--	0.9963	0.9982	0.9973	0.6427	0.9984
16.0	0.9202	0.9976	--	0.9965	0.9981	0.9977	0.7713	0.9981
16.1	0.9254	0.9963	--	0.9965	0.9981	0.9965	0.8143	0.9981
16.2	0.9235	0.9960	--	0.9960	0.9980	0.9960	0.7988	0.9980
16.3	0.9243	0.9927	--	0.9949	0.9976	0.9930	0.8236	0.9977
16.4	0.9310	0.9915	--	0.9959	0.9986	0.9924	0.9053	0.9986
16.5	0.8965	0.9907	--	0.9958	0.9982	0.9898	0.8895	0.9978

16.6	0.7761	0.9871	--	0.9956	0.9979	0.9836	0.8203	0.9974
16.7	0.5354	0.9928	--	0.9953	0.9981	0.9897	0.8134	0.9977
16.8	0.5418	0.9889	--	0.9945	0.9967	0.9871	0.7006	0.9967
16.9	0.7041	0.9821	--	0.9946	0.9961	0.9822	0.7160	0.9958
17.0	0.7952	0.9860	--	0.9942	0.9972	0.9832	0.7437	0.9969
17.1	0.8465	0.9715	--	0.9951	0.9961	0.9626	0.8376	0.9949
17.2	0.8849	0.9810	--	0.9957	0.9967	0.9675	0.8689	0.9966
17.3	0.9206	0.9846	--	0.9929	0.9966	0.9824	0.8632	0.9964
17.4	0.9652	0.9924	--	0.9946	0.9982	0.9935	0.9327	0.9979
17.5	0.9718	0.9941	--	0.9936	0.9981	0.9935	0.9491	0.9976
17.6	0.9626	0.9929	--	0.9934	0.9982	0.9944	0.9565	0.9976
17.7	0.9688	0.9874	--	0.9947	0.9978	0.9946	0.9565	0.9966
17.8	0.9778	0.9838	--	0.9955	0.9987	0.9955	0.9687	0.9976
17.9	0.9835	0.9848	--	0.9965	0.9990	0.9972	0.9691	0.9977
18.0	0.9843	0.9909	--	0.9961	0.9986	0.9985	0.9486	0.9977
18.1	0.9737	0.9942	--	0.9924	0.9973	0.9981	0.9602	0.9961
18.2	0.9789	0.9935	--	0.9932	0.9977	0.9979	0.9742	0.9958
18.3	0.9760	0.9913	--	0.9933	0.9979	0.9969	0.9782	0.9947
18.4	0.9722	0.9919	--	0.9893	0.9964	0.9963	0.9632	0.9932
18.5	0.9694	0.9880	--	0.9870	0.9975	0.9948	0.9655	0.9943
18.6	0.9112	0.9697	--	0.9737	0.9976	0.9919	0.9419	0.9930
18.7	0.9086	0.9656	--	0.9866	0.9975	0.9954	0.9192	0.9920
18.8	0.9535	0.9679	--	0.9944	0.9968	0.9965	0.9446	0.9914
18.9	0.9686	0.9688	--	0.9958	0.9962	0.9963	0.9731	0.9873
19.0	0.9721	0.9508	--	0.9956	0.9955	0.9965	0.9737	0.9795
19.1	0.9751	0.9230	--	0.9937	0.9949	0.9953	0.9741	0.9711
19.2	0.9770	0.9047	--	0.9940	0.9948	0.9958	0.9765	0.9712
19.3	0.9706	0.8440	--	0.9925	0.9920	0.9938	0.9719	0.9609
19.4	0.9787	0.8780	--	0.9928	0.9931	0.9950	0.9798	0.9509
19.5	0.9726	0.8522	--	0.9937	0.9942	0.9944	0.9805	0.9238
19.6	0.9801	0.8856	--	0.9951	0.9950	0.9959	0.9838	0.9151
19.7	0.9870	0.9153	--	0.9940	0.9944	0.9969	0.9838	0.9182
19.8	0.9801	0.9026	--	0.9900	0.9930	0.9956	0.9812	0.8558
19.9	0.9816	0.9380	--	0.9890	0.9916	0.9944	0.9809	0.8540
20.0	0.9724	0.9255	--	0.9883	0.9904	0.9932	0.9762	0.8302
20.1	0.9654	0.9239	--	0.9865	0.9913	0.9914	0.9826	0.8104
20.2	0.9708	0.9393	--	0.9871	0.9910	0.9905	0.9810	0.8467
20.3	0.9726	0.9482	--	0.9893	0.9948	0.9947	0.9877	0.8868
20.4	0.9750	0.9565	--	0.9866	0.9933	0.9930	0.9872	0.9316
20.5	0.9764	0.9582	--	0.9868	0.9926	0.9942	0.9860	0.9377
20.6	0.9737	0.9644	--	0.9853	0.9925	0.9937	0.9864	0.9525
20.7	0.9833	0.9784	--	0.9897	0.9930	0.9950	0.9894	0.9727
20.8	0.9781	0.9764	--	0.9888	0.9908	0.9923	0.9863	0.9683
20.9	0.9823	0.9807	--	0.9929	0.9944	0.9955	0.9901	0.9755
21.0	0.9796	0.9783	--	0.9890	0.9910	0.9943	0.9888	0.9743
21.1	0.9797	0.9805	--	0.9887	0.9878	0.9931	0.9878	0.9756
21.2	0.9859	0.9870	--	0.9891	0.9873	0.9927	0.9881	0.9842
21.3	0.9845	0.9859	--	0.9901	0.9868	0.9904	0.9893	0.9771
21.4	0.9850	0.9876	--	0.9925	0.9902	0.9920	0.9926	0.9795
21.5	0.9886	0.9917	--	0.9932	0.9888	0.9920	0.9915	0.9830
21.6	0.9909	0.9921	--	0.9904	0.9860	0.9902	0.9916	0.9824
21.7	0.9862	0.9896	--	0.9926	0.9873	0.9881	0.9927	0.9755
21.8	0.9906	0.9917	--	0.9910	0.9864	0.9887	0.9918	0.9793
21.9	0.9917	0.9938	--	0.9928	0.9881	0.9918	0.9930	0.9793
22.0	0.9913	0.9936	--	0.9921	0.9876	0.9918	0.9930	0.9778
22.1	0.9933	0.9951	--	0.9945	0.9907	0.9933	0.9951	0.9783
22.2	0.9905	0.9945	--	0.9954	0.9924	0.9924	0.9959	0.9760
22.3	0.9944	0.9960	--	0.9968	0.9946	0.9948	0.9973	0.9802
22.4	0.9948	0.9954	--	0.9962	0.9931	0.9931	0.9971	0.9740
22.5	0.9966	0.9964	--	0.9968	0.9944	0.9940	0.9978	0.9736
22.6	0.9977	0.9974	--	0.9981	0.9967	0.9965	0.9984	0.9845
22.7	0.9965	0.9958	--	0.9974	0.9963	0.9958	0.9983	0.9805
22.8	0.9951	0.9945	--	0.9969	0.9959	0.9945	0.9979	0.9756
22.9	0.9954	0.9940	--	0.9964	0.9946	0.9926	0.9977	0.9601
23.0	0.9966	0.9961	--	0.9972	0.9952	0.9922	0.9980	0.9476
23.1	0.9957	0.9950	--	0.9967	0.9944	0.9934	0.9972	0.9386
23.2	0.9930	0.9902	--	0.9934	0.9901	0.9908	0.9958	0.8866
23.3	0.9908	0.9866	--	0.9924	0.9879	0.9870	0.9942	0.8476
23.4	0.9923	0.9888	--	0.9925	0.9885	0.9897	0.9945	0.7632
23.5	0.9931	0.9868	--	0.9906	0.9865	0.9894	0.9946	0.6687
23.6	0.9906	0.9851	--	0.9895	0.9848	0.9888	0.9935	0.5140
23.7	0.9916	0.9846	--	0.9885	0.9822	0.9891	0.9937	0.4419
23.8	0.9917	0.9892	--	0.9918	0.9864	0.9914	0.9949	0.6857
23.9	0.9907	0.9853	--	0.9889	0.9814	0.9904	0.9932	0.8236
24.0	0.9919	0.9854	--	0.9882	0.9803	0.9916	0.9938	0.8889
24.1	0.9933	0.9921	--	0.9925	0.9892	0.9948	0.9956	0.9384
24.2	0.9934	0.9884	--	0.9879	0.9836	0.9919	0.9943	0.9421
24.3	0.9923	0.9836	--	0.9802	0.9745	0.9909	0.9939	0.9574
24.4	0.9934	0.9872	--	0.9841	0.9792	0.9921	0.9953	0.9674
24.5	0.9921	0.9870	--	0.9849	0.9805	0.9932	0.9948	0.9732
24.6	0.9917	0.9893	--	0.9837	0.9828	0.9940	0.9934	0.9746
24.7	0.9885	0.9848	--	0.9762	0.9784	0.9932	0.9898	0.9666
24.8	0.9892	0.9831	--	0.9727	0.9773	0.9942	0.9894	0.9637
24.9	0.9894	0.9836	--	0.9702	0.9786	0.9923	0.9909	0.9678
25.0	0.9865	0.9838	--	0.9751	0.9754	0.9910	0.9881	0.9763
25.1	0.9909	0.9876	--	0.9822	0.9834	0.9944	0.9910	0.9843

25.2	0.9908	0.9862	--	0.9757	0.9810	0.9949	0.9911	0.9846
25.3	0.9818	0.9753	--	0.9669	0.9711	0.9925	0.9825	0.9829
25.4	0.9853	0.9732	--	0.9827	0.9750	0.9938	0.9788	0.9885
25.5	0.9837	0.9642	--	0.9813	0.9655	0.9932	0.9783	0.9866
25.6	0.9799	0.9540	--	0.9764	0.9630	0.9926	0.9729	0.9860
25.7	0.9822	0.8948	--	0.9618	0.9389	0.9892	0.9720	0.9871
25.8	0.9855	0.9082	--	0.9700	0.9521	0.9940	0.9854	0.9915
25.9	0.9753	0.8705	--	0.9498	0.9421	0.9917	0.9769	0.9875
26.0	0.9793	0.7876	--	0.8996	0.9364	0.9911	0.9829	0.9900
26.1	0.9856	0.6755	--	0.8600	0.9172	0.9923	0.9893	0.9911
26.2	0.9858	0.8008	--	0.9211	0.9312	0.9964	0.9932	0.9925
26.3	0.9898	0.8225	--	0.9410	0.9253	0.9967	0.9941	0.9913
26.4	0.9909	0.8354	--	0.9535	0.8970	0.9954	0.9932	0.9879
26.5	0.9912	0.8672	--	0.9565	0.8939	0.9959	0.9932	0.9886
26.6	0.9913	0.9058	--	0.9657	0.9076	0.9955	0.9937	0.9888
26.7	0.9920	0.9365	--	0.9780	0.9267	0.9957	0.9954	0.9918
26.8	0.9947	0.9626	--	0.9865	0.9509	0.9976	0.9962	0.9933
26.9	0.9911	0.9357	--	0.9735	0.9154	0.9959	0.9946	0.9885
27.0	0.9911	0.9380	--	0.9735	0.9139	0.9968	0.9926	0.9855
27.1	0.9887	0.9504	--	0.9740	0.9308	0.9964	0.9929	0.9867
27.2	0.9901	0.9565	--	0.9771	0.9409	0.9974	0.9933	0.9854
27.3	0.9848	0.9451	--	0.9682	0.9305	0.9956	0.9894	0.9765
27.4	0.9801	0.9591	--	0.9745	0.9462	0.9950	0.9890	0.9825
27.5	0.9824	0.9635	--	0.9770	0.9554	0.9955	0.9900	0.9826
27.6	0.9842	0.9549	--	0.9707	0.9492	0.9957	0.9854	0.9750
27.7	0.9817	0.9662	--	0.9771	0.9609	0.9964	0.9878	0.9802
27.8	0.9701	0.9639	--	0.9731	0.9546	0.9967	0.9867	0.9780
27.9	0.9705	0.9742	--	0.9793	0.9674	0.9965	0.9893	0.9829
28.0	0.9514	0.9645	--	0.9690	0.9616	0.9947	0.9828	0.9723
28.1	0.9191	0.9675	--	0.9691	0.9638	0.9944	0.9837	0.9730
28.2	0.9061	0.9760	--	0.9745	0.9759	0.9937	0.9847	0.9762
28.3	0.8976	0.9679	--	0.9640	0.9674	0.9912	0.9808	0.9673
28.4	0.8688	0.9707	--	0.9667	0.9710	0.9897	0.9798	0.9680
28.5	0.8872	0.9858	--	0.9826	0.9846	0.9927	0.9900	0.9836
28.6	0.8849	0.9863	--	0.9801	0.9876	0.9903	0.9892	0.9809
28.7	0.9241	0.9900	--	0.9849	0.9903	0.9934	0.9903	0.9845
28.8	0.9322	0.9902	--	0.9828	0.9889	0.9920	0.9915	0.9850
28.9	0.9500	0.9933	--	0.9868	0.9920	0.9934	0.9940	0.9883
29.0	0.9651	0.9937	--	0.9867	0.9920	0.9941	0.9944	0.9888
29.1	0.9721	0.9935	--	0.9856	0.9919	0.9940	0.9936	0.9875
29.2	0.9751	0.9958	--	0.9893	0.9942	0.9956	0.9952	0.9901
29.3	0.9782	0.9974	--	0.9933	0.9956	0.9971	0.9962	0.9927
29.4	0.9762	0.9960	--	0.9904	0.9932	0.9956	0.9937	0.9884
29.5	0.9749	0.9964	--	0.9885	0.9922	0.9937	0.9934	0.9871
29.6	0.9781	0.9973	--	0.9912	0.9928	0.9962	0.9944	0.9900
29.7	0.9729	0.9977	--	0.9921	0.9923	0.9966	0.9946	0.9906
29.8	0.9653	0.9981	--	0.9935	0.9920	0.9971	0.9946	0.9913
29.9	0.9613	0.9978	--	0.9933	0.9919	0.9966	0.9938	0.9912
30.0	0.9556	0.9981	--	0.9937	0.9930	0.9964	0.9944	0.9907
30.1	0.9487	0.9987	--	0.9947	0.9945	0.9976	0.9956	0.9925
30.2	0.9140	0.9985	--	0.9939	0.9945	0.9976	0.9957	0.9926
30.3	0.8322	0.9987	--	0.9942	0.9929	0.9981	0.9953	0.9925
30.4	0.6359	0.9987	--	0.9934	0.9908	0.9981	0.9957	0.9919
30.5	0.2169	0.9988	--	0.9929	0.9887	0.9974	0.9948	0.9900
30.6	0.2030	0.9989	--	0.9934	0.9905	0.9977	0.9938	0.9903
30.7	0.5354	0.9986	--	0.9890	0.9883	0.9964	0.9919	0.9855
30.8	0.7882	0.9987	--	0.9888	0.9893	0.9965	0.9928	0.9853
30.9	0.8639	0.9991	--	0.9896	0.9889	0.9979	0.9914	0.9830
31.0	0.8693	0.9986	--	0.9848	0.9846	0.9974	0.9863	0.9745
31.1	0.8390	0.9982	--	0.9757	0.9822	0.9965	0.9817	0.9632
31.2	0.8468	0.9986	--	0.9717	0.9805	0.9964	0.9785	0.9574
31.3	0.8344	0.9985	--	0.9680	0.9779	0.9965	0.9718	0.9512
31.4	0.8595	0.9986	--	0.9533	0.9806	0.9967	0.9613	0.9372
31.5	0.8411	0.9978	--	0.9320	0.9752	0.9951	0.9515	0.9192
31.6	0.8822	0.9977	--	0.9538	0.9776	0.9967	0.9677	0.9460
31.7	0.9009	0.9986	--	0.9579	0.9830	0.9976	0.9667	0.9527
31.8	0.9046	0.9978	--	0.9426	0.9780	0.9966	0.9561	0.9414
31.9	0.8964	0.9983	--	0.9318	0.9762	0.9952	0.9469	0.9324
32.0	0.8623	0.9957	--	0.8810	0.9709	0.9920	0.9139	0.8918
32.1	0.8590	0.9962	--	0.8673	0.9745	0.9931	0.9079	0.8849
32.2	0.8619	0.9957	--	0.8487	0.9738	0.9920	0.8890	0.8749
32.3	0.8463	0.9936	--	0.8022	0.9697	0.9890	0.8605	0.8539
32.4	0.8479	0.9941	--	0.7684	0.9716	0.9907	0.8001	0.8190
32.5	0.7923	0.9927	--	0.6879	0.9742	0.9864	0.7206	0.7624
32.6	0.8025	0.9916	--	0.6302	0.9741	0.9879	0.6144	0.7009
32.7	0.8378	0.9931	--	0.5258	0.9771	0.9872	0.4290	0.5914
32.8	0.8211	0.9910	--	0.5038	0.9746	0.9847	0.3343	0.5225
32.9	0.8058	0.9885	--	0.4543	0.9749	0.9814	0.3024	0.4697
33.0	0.8557	0.9914	--	0.5483	0.9796	0.9865	0.4544	0.5119
33.1	0.8430	0.9914	--	0.4532	0.9841	0.9866	0.4524	0.3898
33.2	0.7922	0.9911	--	0.5185	0.9867	0.9864	0.6563	0.3692
33.3	0.7534	0.9893	--	0.5920	0.9837	0.9859	0.7952	0.4860
33.4	0.6827	0.9866	--	0.5876	0.9778	0.9798	0.8166	0.5505
33.5	0.5661	0.9857	--	0.5283	0.9763	0.9740	0.7921	0.5344
33.6	0.6113	0.9805	--	0.5386	0.9667	0.9737	0.8034	0.5799
33.7	0.7319	0.9846	--	0.7591	0.9745	0.9791	0.8951	0.7977

33.8	0.8007	0.9887	--	0.8756	0.9843	0.9844	0.9354	0.8953
33.9	0.8912	0.9887	--	0.9176	0.9853	0.9875	0.9563	0.9334
34.0	0.9261	0.9914	--	0.9313	0.9867	0.9895	0.9612	0.9442
34.1	0.9188	0.9901	--	0.9252	0.9863	0.9853	0.9540	0.9419
34.2	0.9389	0.9897	--	0.9342	0.9896	0.9892	0.9618	0.9526
34.3	0.9422	0.9901	--	0.9497	0.9917	0.9906	0.9745	0.9665
34.4	0.9520	0.9924	--	0.9594	0.9922	0.9916	0.9760	0.9720
34.5	0.9770	0.9940	--	0.9710	0.9951	0.9933	0.9828	0.9823
34.6	0.9697	0.9939	--	0.9521	0.9932	0.9919	0.9818	0.9785
34.7	0.9646	0.9932	--	0.9326	0.9934	0.9881	0.9779	0.9776
34.8	0.9818	0.9954	--	0.9361	0.9958	0.9945	0.9820	0.9813
34.9	0.9778	0.9947	--	0.9339	0.9933	0.9919	0.9834	0.9813
35.0	0.9816	0.9951	--	0.9547	0.9945	0.9931	0.9866	0.9860
35.1	0.9785	0.9942	--	0.9369	0.9923	0.9915	0.9809	0.9798
35.2	0.9802	0.9943	--	0.9580	0.9936	0.9916	0.9860	0.9845
35.3	0.9814	0.9941	--	0.9588	0.9941	0.9911	0.9839	0.9803
35.4	0.9787	0.9933	--	0.9706	0.9920	0.9896	0.9839	0.9828
35.5	0.9814	0.9946	--	0.9729	0.9923	0.9897	0.9842	0.9834
35.6	0.9802	0.9943	--	0.9758	0.9931	0.9882	0.9840	0.9851
35.7	0.9859	0.9967	--	0.9840	0.9957	0.9925	0.9878	0.9884
35.8	0.9791	0.9972	--	0.9796	0.9954	0.9888	0.9820	0.9835
35.9	0.9779	0.9969	--	0.9821	0.9942	0.9879	0.9826	0.9845
36.0	0.9767	0.9964	--	0.9865	0.9944	0.9891	0.9873	0.9887
36.1	0.9436	0.9922	--	0.9704	0.9865	0.9787	0.9726	0.9749
36.2	0.9391	0.9934	--	0.9773	0.9876	0.9830	0.9792	0.9811
36.3	0.9302	0.9937	--	0.9813	0.9899	0.9888	0.9837	0.9842
36.4	0.8623	0.9925	--	0.9796	0.9880	0.9862	0.9834	0.9835
36.5	0.7624	0.9932	--	0.9803	0.9893	0.9887	0.9851	0.9856
36.6	0.8590	0.9940	--	0.9827	0.9894	0.9929	0.9903	0.9891
36.7	0.9102	0.9934	--	0.9825	0.9896	0.9946	0.9922	0.9905
36.8	0.9349	0.9924	--	0.9800	0.9880	0.9945	0.9919	0.9900
36.9	0.9371	0.9917	--	0.9665	0.9851	0.9902	0.9920	0.9885
37.0	0.9464	0.9929	--	0.9715	0.9872	0.9933	0.9915	0.9894
37.1	0.9604	0.9943	--	0.9752	0.9875	0.9941	0.9936	0.9924
37.2	0.9569	0.9937	--	0.9597	0.9857	0.9936	0.9945	0.9918
37.3	0.9665	0.9936	--	0.9615	0.9840	0.9943	0.9937	0.9932
37.4	0.9647	0.9917	--	0.9216	0.9799	0.9940	0.9916	0.9896
37.5	0.9735	0.9938	--	0.9333	0.9813	0.9948	0.9925	0.9928
37.6	0.9570	0.9932	--	0.8187	0.9767	0.9925	0.9886	0.9891
37.7	0.9715	0.9955	--	0.7120	0.9851	0.9958	0.9943	0.9933
37.8	0.9596	0.9948	--	0.3271	0.9849	0.9957	0.9941	0.9916
37.9	0.9428	0.9957	--	0.0093	0.9839	0.9956	0.9915	0.9927
38.0	0.9492	0.9960	--	0.3470	0.9811	0.9963	0.9928	0.9903
38.1	0.9509	0.9962	--	0.4917	0.9844	0.9959	0.9941	0.9918
38.2	0.9466	0.9955	--	0.5945	0.9878	0.9954	0.9938	0.9923
38.3	0.9332	0.9952	--	0.7684	0.9865	0.9954	0.9911	0.9891
38.4	0.9479	0.9956	--	0.8228	0.9856	0.9960	0.9901	0.9870
38.5	0.9366	0.9961	--	0.8657	0.9871	0.9958	0.9884	0.9882
38.6	0.9204	0.9964	--	0.8745	0.9880	0.9950	0.9859	0.9898
38.7	0.8950	0.9960	--	0.8855	0.9822	0.9959	0.9891	0.9826
38.8	0.8832	0.9955	--	0.8969	0.9823	0.9943	0.9816	0.9838
38.9	0.8578	0.9950	--	0.9318	0.9854	0.9958	0.9835	0.9871
39.0	0.8751	0.9957	--	0.9452	0.9834	0.9961	0.9857	0.9848
39.1	0.8305	0.9964	--	0.9469	0.9789	0.9954	0.9855	0.9805
39.2	0.7191	0.9954	--	0.9375	0.9731	0.9933	0.9814	0.9723
39.3	0.5876	0.9957	--	0.9348	0.9785	0.9929	0.9720	0.9799
39.4	0.4902	0.9951	--	0.9435	0.9832	0.9902	0.9640	0.9822
39.5	0.4676	0.9950	--	0.9557	0.9784	0.9915	0.9716	0.9766
39.6	0.1712	0.9942	--	0.9474	0.9719	0.9892	0.9675	0.9712
39.7	0.0124	0.9962	--	0.9577	0.9731	0.9878	0.9674	0.9703
39.8	0.2179	0.9960	--	0.9563	0.9717	0.9865	0.9605	0.9669
39.9	0.3745	0.9949	--	0.9522	0.9692	0.9820	0.9491	0.9602
40.0	0.4331	0.9942	--	0.9561	0.9564	0.9782	0.9474	0.9500
40.1	0.5034	0.9938	--	0.9228	0.9409	0.9743	0.9185	0.9326
40.2	0.5892	0.9952	--	0.9243	0.9494	0.9709	0.9161	0.9433
40.3	0.5519	0.9924	--	0.9166	0.9378	0.9608	0.9045	0.9205
40.4	0.6093	0.9928	--	0.9234	0.9319	0.9578	0.9049	0.9169
40.5	0.6576	0.9937	--	0.9291	0.9373	0.9529	0.9008	0.9182
40.6	0.6176	0.9925	--	0.9116	0.9320	0.9380	0.8539	0.9212
40.7	0.6464	0.9922	--	0.9047	0.9207	0.9229	0.8025	0.9143
40.8	0.6702	0.9923	--	0.8919	0.9094	0.9126	0.7878	0.9046
40.9	0.7815	0.9951	--	0.8885	0.9095	0.9075	0.7747	0.9102
41.0	0.7641	0.9910	--	0.7858	0.8489	0.8315	0.5670	0.8565
41.1	0.8040	0.9909	--	0.8295	0.8293	0.8087	0.6634	0.8281
41.2	0.7973	0.9904	--	0.8164	0.8074	0.7061	0.6499	0.7990
41.3	0.7684	0.9866	--	0.7189	0.7767	0.6069	0.4949	0.7539
41.4	0.8046	0.9897	--	0.6949	0.8265	0.6767	0.3930	0.7881
41.5	0.7411	0.9887	--	0.6673	0.7729	0.6486	0.3450	0.7166
41.6	0.6996	0.9884	--	0.6968	0.7027	0.5031	0.4329	0.6526
41.7	0.6052	0.9890	--	0.6381	0.6820	0.4661	0.3714	0.6599
41.8	0.3446	0.9865	--	0.5751	0.6116	0.3646	0.3066	0.5912
41.9	0.1190	0.9797	--	0.5470	0.5282	0.3606	0.2808	0.4593
42.0	0.2017	0.9814	--	0.4741	0.5808	0.5673	0.1412	0.5031
42.1	0.0723	0.9724	--	0.5019	0.4193	0.3698	0.2034	0.3910
42.2	0.1134	0.9786	--	0.5275	0.4770	0.4427	0.2008	0.4149
42.3	0.3187	0.9757	--	0.3947	0.5838	0.5893	0.1194	0.5330

42.4	0.3561	0.9559	--	0.2647	0.4468	0.4529	0.0319	0.4312
42.5	0.4801	0.9789	--	0.1572	0.4355	0.4792	0.0015	0.4061
42.6	0.5883	0.9776	--	0.0767	0.4941	0.5228	0.0282	0.4729
42.7	0.4498	0.9689	--	0.2711	0.4144	0.4585	0.0760	0.3174
42.8	0.3276	0.9584	--	0.3839	0.3960	0.5054	0.1583	0.3083
42.9	0.2816	0.9491	--	0.3351	0.3219	0.4808	0.1398	0.2669
43.0	0.3695	0.9631	--	0.2703	0.2233	0.4406	0.1082	0.2441
43.1	0.3919	0.9699	--	0.1604	0.1504	0.3271	0.0725	0.1696
43.2	0.4524	0.9636	--	0.0858	0.1993	0.3225	0.0219	0.2132
43.3	0.4130	0.9486	--	0.1642	0.3306	0.5230	0.0865	0.3497
43.4	0.1266	0.9452	--	0.1987	0.3091	0.5106	0.1130	0.2903
43.5	0.1820	0.9614	--	0.1145	0.3382	0.5510	0.0432	0.3451
43.6	0.0948	0.9493	--	0.1391	0.2970	0.6348	0.0232	0.3286
43.7	0.1332	0.9444	--	0.1119	0.2503	0.5909	0.0699	0.3179
43.8	0.1437	0.9396	--	0.1295	0.2156	0.6226	0.1293	0.2364
43.9	0.1075	0.9210	--	0.0481	0.1628	0.6452	0.0230	0.3365
44.0	0.0713	0.8991	--	0.0797	0.1276	0.6441	0.0010	0.4249
44.1	0.0632	0.8713	--	0.1091	0.0740	0.6522	0.0132	0.3633
44.2	0.0452	0.8442	--	0.1319	0.0627	0.6781	0.0638	0.1533
44.3	0.0597	0.7815	--	0.2941	0.2745	0.8136	0.2173	0.0076
44.4	0.0560	0.8188	--	0.3357	0.2133	0.8846	0.2407	0.0065
44.5	0.0289	0.8759	--	0.1975	0.0386	0.8083	0.1335	0.0178
44.6	0.1177	0.8827	--	0.2040	0.0703	0.7857	0.1144	0.2565
44.7	0.0277	0.8405	--	0.1899	0.0920	0.8089	0.0974	0.1734
44.8	0.0393	0.8293	--	0.1514	0.0792	0.7535	0.0877	0.0104
44.9	0.2718	0.8628	--	0.2305	0.1969	0.7432	0.2084	0.2134
45.0	0.1330	0.7999	--	0.1466	0.2064	0.7770	0.1879	0.2040
45.1	0.2030	0.8187	--	0.1233	0.0958	0.7996	0.0742	0.2799
45.2	0.2020	0.8661	--	0.1997	0.1375	0.8570	0.1222	0.3548
45.3	0.1513	0.8592	--	0.0979	0.0526	0.8459	0.0814	0.4462
45.4	0.1416	0.8308	--	0.0282	0.0396	0.8071	0.0110	0.4279
45.5	0.0265	0.8297	--	0.1414	0.0459	0.8215	0.0559	0.4678
45.6	0.0974	0.8095	--	0.0872	0.1653	0.8650	0.1394	0.3413
45.7	0.0565	0.7905	--	0.0606	0.1515	0.8887	0.1106	0.2747
45.8	0.3558	0.8530	--	0.2583	0.0870	0.9093	0.1489	0.4324
45.9	0.4576	0.7419	--	0.2639	0.0520	0.8774	0.2234	0.6141
46.0	0.5504	0.6802	--	0.2911	0.0466	0.9035	0.2800	0.7453
46.1	0.4150	0.6763	--	0.2591	0.1393	0.9056	0.1656	0.7440
46.2	0.0931	0.7010	--	0.3767	0.1445	0.8315	0.1107	0.6841
46.3	0.2528	0.6931	--	0.2330	0.1435	0.8881	0.0991	0.7350
46.4	0.5200	0.7628	--	0.3022	0.2079	0.9364	0.1560	0.8014
46.5	0.5843	0.8347	--	0.3288	0.1839	0.9281	0.1458	0.7243
46.6	0.6035	0.8934	--	0.4811	0.2724	0.9350	0.2986	0.6419
46.7	0.6663	0.8915	--	0.6057	0.2222	0.9428	0.3930	0.7343
46.8	0.6328	0.8345	--	0.5707	0.2302	0.9241	0.3410	0.7005
46.9	0.6898	0.8464	--	0.5737	0.1377	0.9171	0.3413	0.6183
47.0	0.5974	0.8526	--	0.6100	0.0404	0.8975	0.4221	0.6381
47.1	0.6065	0.7741	--	0.6877	0.2281	0.9013	0.5791	0.7653
47.2	0.6908	0.8606	--	0.7500	0.5392	0.9571	0.7140	0.9001
47.3	0.6593	0.8245	--	0.7813	0.5466	0.9642	0.6585	0.8562
47.4	0.7774	0.8640	--	0.8208	0.5657	0.9619	0.6413	0.7185
47.5	0.8539	0.8801	--	0.8547	0.5400	0.9418	0.5761	0.4340
47.6	0.8798	0.8794	--	0.8510	0.4011	0.9388	0.5971	0.0426
47.7	0.9433	0.8909	--	0.8957	0.4101	0.9432	0.7564	0.5014
47.8	0.9508	0.8727	--	0.9159	0.5009	0.9329	0.7715	0.6207
47.9	0.9465	0.8377	--	0.8886	0.3916	0.9679	0.7572	0.8079
48.0	0.9685	0.8495	--	0.8732	0.2817	0.9601	0.7766	0.8784
48.1	0.9401	0.8028	--	0.8814	0.0743	0.9437	0.8229	0.8258
48.2	0.9013	0.8402	--	0.8487	0.1549	0.9363	0.7565	0.7237
48.3	0.8910	0.8583	--	0.8396	0.0663	0.9062	0.7477	0.7655
48.4	0.8593	0.8651	--	0.8784	0.0086	0.7871	0.8114	0.6152
48.5	0.8661	0.8850	--	0.8731	0.0866	0.8697	0.8107	0.7702
48.6	0.8941	0.8129	--	0.8786	0.2998	0.9067	0.8125	0.8498
48.7	0.9072	0.7982	--	0.8742	0.3629	0.9108	0.8349	0.8412
48.8	0.9101	0.7564	--	0.8704	0.3041	0.9330	0.8377	0.8240
48.9	0.9317	0.7177	--	0.8751	0.2216	0.9163	0.8649	0.8214
49.0	0.8805	0.7230	--	0.8553	0.3185	0.8473	0.7827	0.7135
49.1	0.9013	0.8389	--	0.9099	0.5195	0.9196	0.8657	0.8523
49.2	0.9413	0.8528	--	0.9079	0.4651	0.9023	0.8877	0.8694
49.3	0.9475	0.7640	--	0.8949	0.4505	0.8750	0.9004	0.8536
49.4	0.9172	0.7209	--	0.8724	0.5175	0.8907	0.8745	0.8263
49.5	0.9246	0.7592	--	0.8589	0.4765	0.8813	0.8483	0.7581
49.6	0.8972	0.8200	--	0.8912	0.4447	0.7406	0.8651	0.7304
49.7	0.8222	0.8592	--	0.8852	0.4930	0.8692	0.8758	0.7567
49.8	0.5081	0.8068	--	0.8233	0.5915	0.8847	0.7745	0.8104
49.9	0.5169	0.7077	--	0.6739	0.5485	0.8757	0.7551	0.8255
50.0	0.7690	0.7893	--	0.6457	0.5601	0.8833	0.8113	0.8153
50.1	0.8326	0.7637	--	0.6782	0.6875	0.9277	0.8496	0.8549
50.2	0.8432	0.7312	--	0.6414	0.6707	0.9194	0.8649	0.8516
50.3	0.7534	0.7703	--	0.7443	0.4222	0.9029	0.8428	0.7932
50.4	0.7547	0.8031	--	0.7906	0.4455	0.9218	0.8420	0.8266
50.5	0.6801	0.7529	--	0.7089	0.5768	0.9411	0.7752	0.8195
50.6	0.7412	0.6706	--	0.6081	0.6046	0.9469	0.7442	0.7939
50.7	0.7976	0.6311	--	0.5355	0.7371	0.9193	0.8368	0.8775
50.8	0.7863	0.6199	--	0.5000	0.6525	0.9185	0.8399	0.8272
50.9	0.6249	0.4964	--	0.4859	0.6186	0.9116	0.7830	0.7950

51.0	0.6918	0.3975	--	0.2889	0.6396	0.9022	0.8515	0.8346
51.1	0.6808	0.6511	--	0.2226	0.4540	0.8987	0.8610	0.7744
51.2	0.2692	0.6251	--	0.2657	0.2905	0.9025	0.8221	0.6519
51.3	0.3831	0.5397	--	0.2067	0.3984	0.8571	0.7625	0.6550
51.4	0.7435	0.6633	--	0.2514	0.4443	0.8189	0.8095	0.6442
51.5	0.7432	0.6881	--	0.2928	0.5979	0.9334	0.8622	0.7480
51.6	0.6515	0.6450	--	0.2146	0.6017	0.9562	0.8459	0.7499
51.7	0.2735	0.5552	--	0.0660	0.4045	0.9270	0.7867	0.6319
51.8	0.0643	0.6116	--	0.0563	0.3151	0.9535	0.7846	0.6090
51.9	0.3665	0.5061	--	0.0346	0.4564	0.9540	0.7840	0.6703
52.0	0.3295	0.5950	--	0.2005	0.1737	0.8984	0.7640	0.4337
52.1	0.0765	0.6341	--	0.2585	0.1797	0.8773	0.4349	0.1768
52.2	0.3849	0.5036	--	0.1522	0.6541	0.9528	0.6674	0.6925
52.3	0.6131	0.3264	--	0.0567	0.6514	0.9571	0.8287	0.7656
52.4	0.7423	0.3429	--	0.2094	0.4851	0.9510	0.7935	0.5719
52.5	0.6790	0.1895	--	0.2360	0.7074	0.9667	0.8173	0.7811
52.6	0.6976	0.0868	--	0.2300	0.7722	0.9615	0.8662	0.8783
52.7	0.7846	0.2461	--	0.0406	0.6752	0.9438	0.8928	0.7968
52.8	0.8162	0.4914	--	0.1005	0.6183	0.9354	0.8960	0.7407
52.9	0.4888	0.5356	--	0.0279	0.5432	0.9027	0.8890	0.6366
53.0	0.1613	0.5945	--	0.1296	0.6661	0.9671	0.8956	0.6999
53.1	0.0320	0.6166	--	0.2425	0.5668	0.9823	0.8471	0.6449
53.2	0.3852	0.5810	--	0.3099	0.1216	0.9702	0.5712	0.1819
53.3	0.6740	0.5348	--	0.3119	0.3925	0.9469	0.5212	0.3196
53.4	0.7880	0.3065	--	0.1356	0.6793	0.9224	0.7299	0.6645
53.5	0.7445	0.3915	--	0.0518	0.6641	0.9195	0.8138	0.7367
53.6	0.4124	0.6419	--	0.2910	0.5048	0.9391	0.8253	0.6014
53.7	0.5250	0.5181	--	0.3749	0.0793	0.9511	0.4205	0.0401
53.8	0.6015	0.3046	--	0.3031	0.4690	0.9238	0.3556	0.4224
53.9	0.6719	0.4467	--	0.1095	0.7140	0.9331	0.7633	0.7243
54.0	0.8680	0.4940	--	0.0301	0.8207	0.9692	0.8328	0.8258
54.1	0.8456	0.4649	--	0.0258	0.8243	0.9670	0.8566	0.8294
54.2	0.7778	0.5537	--	0.0397	0.7875	0.9414	0.8835	0.7953
54.3	0.6848	0.5741	--	0.0747	0.7977	0.9469	0.8937	0.8190
54.4	0.7111	0.5436	--	0.1857	0.7616	0.9636	0.8459	0.7822
54.5	0.8503	0.4967	--	0.3623	0.7621	0.9608	0.7676	0.7545
54.6	0.9144	0.5530	--	0.4684	0.8485	0.9784	0.8319	0.8393
54.7	0.8294	0.4804	--	0.3266	0.7682	0.9625	0.8124	0.7376
54.8	0.7626	0.4341	--	0.3941	0.6857	0.9530	0.8385	0.7150
54.9	0.6080	0.4154	--	0.3449	0.6934	0.9306	0.7946	0.7137
55.0	0.8118	0.4517	--	0.5637	0.7471	0.9606	0.7402	0.7595
55.1	0.9327	0.4951	--	0.7615	0.7430	0.9802	0.7995	0.7682
55.2	0.9166	0.4441	--	0.7054	0.7292	0.9740	0.7732	0.7319
55.3	0.9267	0.3055	--	0.7507	0.6627	0.9670	0.7404	0.7435
55.4	0.9162	0.3274	--	0.7664	0.7136	0.9619	0.7829	0.7698
55.5	0.9319	0.3127	--	0.7888	0.7003	0.9559	0.7676	0.6965
55.6	0.8953	0.2909	--	0.7250	0.6376	0.9577	0.7211	0.7106
55.7	0.9170	0.2392	--	0.7904	0.7085	0.9699	0.7422	0.6882
55.8	0.9377	0.2627	--	0.8624	0.6664	0.9727	0.6887	0.6666
55.9	0.9428	0.2626	--	0.8180	0.5659	0.9740	0.6902	0.6841
56.0	0.9379	0.1790	--	0.7800	0.4899	0.9782	0.7570	0.6013
56.1	0.8953	0.2266	--	0.7360	0.5082	0.9510	0.7006	0.5443
56.2	0.8672	0.1705	--	0.7241	0.4796	0.9531	0.6724	0.5467
56.3	0.8897	0.1489	--	0.7359	0.4581	0.9523	0.6600	0.5449
56.4	0.8847	0.1875	--	0.7032	0.3970	0.9303	0.6430	0.5799
56.5	0.8548	0.1232	--	0.6912	0.4239	0.9297	0.6454	0.5774
56.6	0.8688	0.1015	--	0.7840	0.4279	0.9491	0.6173	0.5323
56.7	0.8543	0.0344	--	0.7865	0.3492	0.9373	0.6676	0.4388
56.8	0.8206	0.0389	--	0.6953	0.2420	0.9006	0.6103	0.3257
56.9	0.7988	0.0351	--	0.7322	0.2682	0.9052	0.5698	0.2434
57.0	0.8072	0.0513	--	0.6773	0.3157	0.9181	0.6235	0.3997
57.1	0.8442	0.1631	--	0.5995	0.2856	0.9137	0.6415	0.3102
57.2	0.7881	0.1483	--	0.5672	0.3482	0.8662	0.5316	0.2218
57.3	0.7532	0.1050	--	0.6332	0.2794	0.8883	0.5268	0.2420
57.4	0.7743	0.0764	--	0.7396	0.1757	0.8920	0.5551	0.2730
57.5	0.7164	0.0977	--	0.6876	0.2058	0.8527	0.4683	0.3276
57.6	0.7723	0.1439	--	0.6696	0.2585	0.8708	0.4385	0.3108
57.7	0.7487	0.1153	--	0.6620	0.2350	0.8642	0.4588	0.2614
57.8	0.7973	0.1872	--	0.7177	0.3173	0.8529	0.4936	0.2469
57.9	0.8055	0.0987	--	0.7456	0.2510	0.8493	0.5945	0.1302
58.0	0.7712	0.1966	--	0.5921	0.2318	0.8265	0.6052	0.2234
58.1	0.7563	0.2290	--	0.6505	0.2352	0.8186	0.6102	0.3664
58.2	0.7397	0.1443	--	0.6540	0.2225	0.8159	0.6277	0.3168
58.3	0.7101	0.1568	--	0.5644	0.1788	0.7680	0.4828	0.1807
58.4	0.7288	0.0473	--	0.6484	0.1273	0.7845	0.4397	0.0773
58.5	0.7254	0.0714	--	0.6875	0.1629	0.7193	0.5392	0.0991
58.6	0.7465	0.1606	--	0.6802	0.2539	0.7384	0.4631	0.1479
58.7	0.7080	0.1509	--	0.6172	0.2869	0.6953	0.4092	0.1061
58.8	0.7066	0.1645	--	0.6242	0.3302	0.7099	0.5404	0.0733
58.9	0.7465	0.2145	--	0.6294	0.3857	0.7296	0.5268	0.0950
59.0	0.7019	0.1772	--	0.6622	0.3366	0.7143	0.4525	0.0782
59.1	0.6978	0.1531	--	0.6134	0.2967	0.7269	0.5288	0.0797
59.2	0.6345	0.1442	--	0.4912	0.1693	0.6789	0.5303	0.0870
59.3	0.6787	0.0658	--	0.5839	0.1060	0.6284	0.4391	0.0233
59.4	0.8031	0.0847	--	0.6638	0.2192	0.7030	0.5299	0.0092
59.5	0.8240	0.1874	--	0.6571	0.2657	0.6948	0.6089	0.0655

59.6	0.8074	0.1578	--	0.6657	0.1905	0.6968	0.5924	0.0881
59.7	0.7797	0.1574	--	0.5946	0.1368	0.7135	0.5472	0.0636
59.8	0.7730	0.2003	--	0.6666	0.1739	0.6861	0.5128	0.0185
59.9	0.8075	0.0939	--	0.7559	0.3105	0.7599	0.5596	0.0092
60.0	0.8474	0.2313	--	0.6944	0.3971	0.7107	0.6158	0.0212
60.1	0.8647	0.4108	--	0.6825	0.3253	0.5817	0.6736	0.0877
60.2	0.8611	0.3915	--	0.7221	0.3337	0.5208	0.6258	0.0253
60.3	0.8864	0.2615	--	0.7624	0.3416	0.5523	0.5090	0.0042
60.4	0.8370	0.2898	--	0.6930	0.3032	0.4459	0.4554	0.0095
60.5	0.8631	0.3072	--	0.7066	0.3089	0.5158	0.4722	0.0181
60.6	0.8835	0.3295	--	0.7107	0.3242	0.4908	0.5144	0.0060
60.7	0.8636	0.3776	--	0.6184	0.2527	0.4369	0.5129	0.0040
60.8	0.8405	0.4111	--	0.6629	0.2086	0.4290	0.5403	0.0410
60.9	0.8184	0.2554	--	0.7173	0.2335	0.4913	0.4919	0.0018
61.0	0.8083	0.3640	--	0.7318	0.3255	0.4865	0.5660	0.0377
61.1	0.8688	0.4357	--	0.7889	0.2562	0.4001	0.6285	0.0015
61.2	0.8523	0.3346	--	0.7106	0.1296	0.4340	0.5207	0.0188
61.3	0.8175	0.3633	--	0.6579	0.1748	0.4193	0.5699	0.0003
61.4	0.7732	0.2728	--	0.6759	0.2281	0.4940	0.5000	0.0090
61.5	0.8366	0.2961	--	0.7588	0.1572	0.5202	0.5462	0.0769
61.6	0.8118	0.2881	--	0.7107	0.1528	0.4113	0.4680	0.0162
61.7	0.7402	0.3665	--	0.6657	0.2283	0.3747	0.4247	0.0150
61.8	0.7853	0.5218	--	0.7386	0.1930	0.3997	0.4837	0.0389
61.9	0.7594	0.5558	--	0.6935	0.1787	0.3907	0.5838	0.0120
62.0	0.6590	0.2741	--	0.6315	0.0888	0.4670	0.4420	0.0108
62.1	0.7315	0.3027	--	0.7056	0.1013	0.5264	0.5314	0.0182
62.2	0.6584	0.2429	--	0.6051	0.0746	0.3484	0.4651	0.0458
62.3	0.6765	0.3665	--	0.6302	0.0841	0.3951	0.4249	0.0645
62.4	0.7215	0.4616	--	0.6294	0.0816	0.3809	0.5495	0.0331
62.5	0.6638	0.3265	--	0.6581	0.1698	0.4751	0.6152	0.1113
62.6	0.6283	0.2860	--	0.6052	0.0844	0.4277	0.5279	0.0532
62.7	0.5857	0.1877	--	0.5711	0.0652	0.3846	0.5060	0.0563
62.8	0.5068	0.4511	--	0.4816	0.0978	0.3219	0.5290	0.0176
62.9	0.5841	0.4865	--	0.5159	0.1076	0.4039	0.5875	0.0245
63.0	0.5805	0.2651	--	0.5353	0.1004	0.3557	0.5158	0.0790
63.1	0.6172	0.2759	--	0.5612	0.0232	0.2980	0.5145	0.0692
63.2	0.6871	0.2624	--	0.6366	0.0104	0.3095	0.6560	0.0976
63.3	0.6498	0.2427	--	0.5753	0.0275	0.2229	0.5855	0.0542
63.4	0.5919	0.1457	--	0.5791	0.0309	0.3811	0.5492	0.0953
63.5	0.4947	0.1930	--	0.4905	0.0482	0.2047	0.4904	0.0249
63.6	0.6154	0.3043	--	0.5935	0.0619	0.2967	0.5323	0.0407
63.7	0.6892	0.1944	--	0.6948	0.0399	0.5409	0.6979	0.2187
63.8	0.6373	0.1660	--	0.6388	0.0716	0.3886	0.6219	0.1632
63.9	0.6197	0.1983	--	0.6002	0.0556	0.3938	0.5540	0.1545
64.0	0.6475	0.3005	--	0.5788	0.0626	0.5230	0.5970	0.1705
64.1	0.6189	0.3213	--	0.5559	0.0967	0.3682	0.6221	0.0929
64.2	0.5378	0.3581	--	0.4922	0.0959	0.2155	0.5412	0.0923
64.3	0.4962	0.3625	--	0.5296	0.0528	0.2509	0.4870	0.1123
64.4	0.3672	0.2436	--	0.4942	0.1408	0.3252	0.4805	0.0841
64.5	0.4848	0.2975	--	0.5375	0.0921	0.2538	0.5421	0.0942
64.6	0.5106	0.3108	--	0.6117	0.0268	0.3090	0.4797	0.1599
64.7	0.3472	0.2531	--	0.5255	0.0613	0.3184	0.4265	0.1089
64.8	0.4293	0.3409	--	0.4778	0.1186	0.3003	0.3594	0.0866
64.9	0.3864	0.2993	--	0.4750	0.0462	0.2632	0.3349	0.0779
65.0	0.2989	0.2254	--	0.5340	0.0641	0.3443	0.4674	0.0867
65.1	0.2733	0.2178	--	0.4855	0.0532	0.3840	0.3724	0.0463
65.2	0.3357	0.1978	--	0.4912	0.0668	0.4323	0.4797	0.0271
65.3	0.3052	0.3622	--	0.4899	0.0472	0.3903	0.5608	0.0807
65.4	0.3488	0.3525	--	0.4233	0.0889	0.2066	0.4292	0.0851
65.5	0.3013	0.3662	--	0.3242	0.0933	0.1697	0.3638	0.0320
65.6	0.3129	0.3809	--	0.4039	0.0412	0.2879	0.3990	0.0926
65.7	0.2397	0.4315	--	0.3902	0.0603	0.1919	0.3686	0.1128
65.8	0.2685	0.3017	--	0.3505	0.0916	0.1012	0.2999	0.0403
65.9	0.3763	0.3639	--	0.3965	0.1224	0.1610	0.2728	0.0452
66.0	0.3138	0.4551	--	0.3984	0.1222	0.1135	0.2552	0.0728
66.1	0.3529	0.5359	--	0.4805	0.1349	0.1544	0.3449	0.0563
66.2	0.2917	0.4016	--	0.5096	0.0932	0.1990	0.3056	0.0722
66.3	0.2493	0.3348	--	0.4004	0.0765	0.1695	0.2797	0.0532
66.4	0.2149	0.4798	--	0.4280	0.0670	0.1201	0.2230	0.0966
66.5	0.2051	0.4793	--	0.5077	0.0818	0.1421	0.2391	0.0309
66.6	0.2743	0.4260	--	0.4258	0.0574	0.1007	0.2323	0.0585
66.7	0.1809	0.3797	--	0.3636	0.1022	0.0500	0.1571	0.0663
66.8	0.0753	0.3360	--	0.4011	0.0595	0.0661	0.0858	0.1225
66.9	0.1291	0.5121	--	0.4490	0.0323	0.0734	0.1288	0.0935
67.0	0.1117	0.4824	--	0.4150	0.0547	0.1520	0.2098	0.0357
67.1	0.1819	0.5297	--	0.3868	0.1430	0.1581	0.0999	0.0486
67.2	0.1817	0.4977	--	0.3335	0.1303	0.0832	0.0498	0.0755
67.3	0.1843	0.5299	--	0.3249	0.2294	0.0411	0.0025	0.0168
67.4	0.1783	0.4956	--	0.2794	0.2112	0.0476	0.0044	0.0147
67.5	0.2428	0.4760	--	0.2316	0.0970	0.0616	0.0093	0.0506
67.6	0.1303	0.4902	--	0.2933	0.0675	0.0532	0.0412	0.1109
67.7	0.0585	0.5197	--	0.2664	0.0384	0.0510	0.0297	0.0871
67.8	0.0108	0.5310	--	0.1993	0.0612	0.1135	0.0660	0.0423
67.9	0.0177	0.6010	--	0.2237	0.0314	0.0869	0.0427	0.0931
68.0	0.0074	0.4615	--	0.2301	0.1696	0.0723	0.0328	0.0014
68.1	0.0187	0.4678	--	0.2216	0.1610	0.1483	0.1082	0.0105

68.2	0.0741	0.5275	--	0.1879	0.1679	0.0785	0.0616	0.0155
68.3	0.0624	0.5253	--	0.1036	0.1618	0.0620	0.0608	0.0003
68.4	0.1027	0.4489	--	0.1309	0.1233	0.1113	0.1082	0.0087
68.5	0.0143	0.3743	--	0.1828	0.0848	0.0021	0.0026	0.0757
68.6	0.0204	0.4087	--	0.1982	0.1136	0.0020	0.0090	0.0315
68.7	0.0190	0.4179	--	0.2656	0.1694	0.0100	0.0133	0.0476
68.8	0.0134	0.4097	--	0.3225	0.2305	0.0222	0.0637	0.0916
68.9	0.0045	0.3893	--	0.1627	0.1307	0.0294	0.0593	0.0131
69.0	0.0013	0.4087	--	0.1560	0.1536	0.0129	0.0034	0.0027
69.1	0.0164	0.5325	--	0.1661	0.2098	0.0190	0.0094	0.0008
69.2	0.0001	0.5345	--	0.3191	0.2287	0.0244	0.0048	0.0394
69.3	0.0059	0.4665	--	0.2713	0.1496	0.0480	0.0073	0.0571
69.4	0.0247	0.4444	--	0.2102	0.1191	0.1161	0.0202	0.1122
69.5	0.2029	0.4481	--	0.0983	0.1789	0.2124	0.0304	0.0019
69.6	0.2719	0.4556	--	0.0746	0.3383	0.1946	0.0674	0.0329
69.7	0.1018	0.3147	--	0.0804	0.3002	0.1449	0.0390	0.0928
69.8	0.1224	0.3027	--	0.0556	0.1700	0.1072	0.0497	0.0155
69.9	0.1904	0.4229	--	0.0989	0.2334	0.1008	0.0820	0.0267
70.0	0.3141	0.3690	--	0.0584	0.3335	0.1442	0.0239	0.0529
70.1	0.2113	0.2887	--	0.1315	0.1663	0.2050	0.0085	0.0225
70.2	0.2430	0.2932	--	0.2111	0.1957	0.3367	0.0032	0.0767
70.3	0.2254	0.0898	--	0.0606	0.1508	0.1521	0.0238	0.0098
70.4	0.2738	0.1575	--	0.0465	0.2106	0.2156	0.0456	0.0030
70.5	0.3193	0.2235	--	0.0660	0.2511	0.2597	0.0788	0.0003
70.6	0.3853	0.1893	--	0.0827	0.2118	0.2945	0.1305	0.0234
70.7	0.3650	0.2126	--	0.1582	0.1839	0.2182	0.1193	0.0434
70.8	0.3523	0.1759	--	0.1324	0.2338	0.2855	0.0242	0.0174
70.9	0.3438	0.2268	--	0.1832	0.2508	0.3313	0.0050	0.0431
71.0	0.3804	0.1516	--	0.0545	0.2327	0.2063	0.0865	0.0296
71.1	0.4254	0.2131	--	0.0976	0.2356	0.2235	0.0858	0.0346
71.2	0.4844	0.1296	--	0.0644	0.1912	0.2166	0.0562	0.0105
71.3	0.5169	0.2068	--	0.1208	0.2277	0.3220	0.0608	0.0002
71.4	0.4488	0.1568	--	0.0300	0.2043	0.2976	0.0846	0.0016
71.5	0.4358	0.1526	--	0.0417	0.3175	0.3793	0.0772	0.0075
71.6	0.4128	0.1297	--	0.0776	0.3215	0.3197	0.0624	0.0097
71.7	0.4403	0.1498	--	0.1692	0.2976	0.3903	0.0881	0.0346
71.8	0.5795	0.2086	--	0.0965	0.1063	0.3823	0.2083	0.0335
71.9	0.7036	0.3149	--	0.1442	0.1619	0.4311	0.2814	0.0488
72.0	0.6760	0.2553	--	0.0871	0.2630	0.5230	0.2144	0.0061
72.1	0.7172	0.3527	--	0.1320	0.3011	0.5369	0.2965	0.0278
72.2	0.6972	0.2448	--	0.1326	0.3125	0.4409	0.2726	0.0034
72.3	0.7112	0.2731	--	0.1196	0.3059	0.5444	0.3123	0.0040
72.4	0.6707	0.2546	--	0.1109	0.2352	0.5183	0.3934	0.0376
72.5	0.6507	0.2412	--	0.1001	0.2079	0.4343	0.2338	0.0181
72.6	0.7787	0.3432	--	0.1168	0.3365	0.4562	0.3183	0.0102
72.7	0.8077	0.4820	--	0.1211	0.4785	0.5927	0.2780	0.0307
72.8	0.7942	0.4401	--	0.1421	0.3696	0.6079	0.4101	0.0671
72.9	0.7635	0.4953	--	0.1465	0.4050	0.5871	0.4422	0.1789
73.0	0.8001	0.5501	--	0.1831	0.3400	0.5306	0.4395	0.1027
73.1	0.7870	0.5794	--	0.2563	0.3660	0.5852	0.5128	0.1255
73.2	0.7496	0.5547	--	0.1634	0.3402	0.5500	0.4459	0.1334
73.3	0.7540	0.6289	--	0.1965	0.4272	0.6244	0.4564	0.0986
73.4	0.7214	0.6240	--	0.1871	0.4838	0.6384	0.4380	0.0702
73.5	0.7943	0.6114	--	0.3561	0.4743	0.7052	0.4352	0.0054
73.6	0.8481	0.6981	--	0.4028	0.4971	0.7330	0.5840	0.0181
73.7	0.7990	0.6198	--	0.3784	0.3640	0.6856	0.5483	0.0803
73.8	0.8067	0.6047	--	0.3877	0.3595	0.7073	0.5453	0.1812
73.9	0.8042	0.6616	--	0.4170	0.4385	0.7127	0.5934	0.3248
74.0	0.8387	0.7265	--	0.3979	0.5130	0.7007	0.5590	0.1858
74.1	0.8383	0.7631	--	0.3885	0.5680	0.7658	0.6334	0.2289
74.2	0.8960	0.8260	--	0.5780	0.6369	0.7261	0.8114	0.4563
74.3	0.8581	0.7880	--	0.4877	0.5461	0.6931	0.7397	0.3400
74.4	0.8566	0.7645	--	0.4009	0.5996	0.7334	0.6948	0.3401
74.5	0.8412	0.8128	--	0.4219	0.6012	0.7367	0.7005	0.3820
74.6	0.8033	0.8001	--	0.5272	0.5281	0.7038	0.7483	0.3325
74.7	0.7560	0.7784	--	0.4529	0.4286	0.6642	0.6679	0.1549
74.8	0.8717	0.8798	--	0.5802	0.5960	0.7347	0.8161	0.4711
74.9	0.8504	0.8714	--	0.4800	0.6264	0.6999	0.8235	0.5826
75.0	0.8131	0.8322	--	0.3848	0.5295	0.6941	0.7482	0.4594
75.1	0.8282	0.8746	--	0.4735	0.6313	0.7145	0.8222	0.5327
75.2	0.7655	0.8139	--	0.3402	0.5875	0.6144	0.7738	0.4878
75.3	0.8048	0.8495	--	0.4758	0.6102	0.6329	0.8068	0.5679
75.4	0.8144	0.8641	--	0.4412	0.6771	0.6287	0.8268	0.6662
75.5	0.8269	0.8291	--	0.4718	0.6776	0.5929	0.8188	0.7306
75.6	0.8555	0.8745	--	0.4934	0.6948	0.5195	0.8739	0.7459
75.7	0.8634	0.9111	--	0.4482	0.7417	0.5960	0.9013	0.7850
75.8	0.8511	0.9175	--	0.4314	0.7181	0.5822	0.9046	0.7484
75.9	0.8351	0.9106	--	0.4350	0.7164	0.5482	0.8858	0.7493
76.0	0.8285	0.8906	--	0.5315	0.6732	0.4390	0.8934	0.7635
76.1	0.8050	0.8770	--	0.4044	0.6772	0.3693	0.8758	0.7634
76.2	0.8263	0.8994	--	0.4456	0.7549	0.3846	0.9057	0.8101
76.3	0.8274	0.8701	--	0.3588	0.7358	0.3528	0.9040	0.8140
76.4	0.8255	0.9118	--	0.4138	0.7643	0.2686	0.9177	0.8507
76.5	0.8258	0.8922	--	0.5175	0.7095	0.1758	0.9106	0.8455
76.6	0.8474	0.8914	--	0.4709	0.7696	0.1876	0.9321	0.8764
76.7	0.8401	0.8890	--	0.4255	0.8167	0.2787	0.9388	0.8968

76.8	0.7785	0.8623	--	0.3808	0.7835	0.0709	0.9254	0.8957
76.9	0.7937	0.8194	--	0.4193	0.7970	0.0204	0.9093	0.8980
77.0	0.8669	0.8534	--	0.3555	0.8288	0.1067	0.9283	0.9101
77.1	0.8815	0.8703	--	0.4192	0.7448	0.0087	0.9347	0.9014
77.2	0.8570	0.8421	--	0.4174	0.7981	0.0070	0.9299	0.9241
77.3	0.8368	0.8472	--	0.3815	0.8077	0.0017	0.9388	0.9102
77.4	0.8257	0.8735	--	0.4752	0.8039	0.0414	0.9345	0.9185
77.5	0.8076	0.8782	--	0.5200	0.8067	0.1614	0.9251	0.9265
77.6	0.8213	0.8924	--	0.6105	0.8020	0.1275	0.9445	0.9272
77.7	0.8656	0.8897	--	0.6523	0.8373	0.2181	0.9560	0.9479
77.8	0.8682	0.8478	--	0.5979	0.8368	0.1943	0.9515	0.9488
77.9	0.8499	0.8381	--	0.6334	0.8212	0.2428	0.9424	0.9485
78.0	0.8517	0.8531	--	0.6810	0.8582	0.3603	0.9425	0.9519
78.1	0.8546	0.8143	--	0.7195	0.8428	0.4303	0.9283	0.9489
78.2	0.8416	0.7762	--	0.6557	0.8224	0.3643	0.8929	0.9397
78.3	0.8316	0.7663	--	0.6921	0.8713	0.4406	0.8671	0.9486
78.4	0.8889	0.7787	--	0.8216	0.8806	0.6148	0.9235	0.9610
78.5	0.8970	0.7748	--	0.8702	0.8739	0.6640	0.9294	0.9664
78.6	0.8694	0.7747	--	0.8846	0.8769	0.6532	0.9106	0.9685
78.7	0.8886	0.8040	--	0.8890	0.8824	0.6928	0.9012	0.9625
78.8	0.9041	0.8249	--	0.9151	0.8923	0.6923	0.9117	0.9645
78.9	0.9087	0.8238	--	0.9064	0.8903	0.7129	0.9103	0.9642
79.0	0.8850	0.8403	--	0.8825	0.9030	0.7246	0.9130	0.9667
79.1	0.8515	0.8313	--	0.8699	0.8922	0.6587	0.9174	0.9633
79.2	0.8800	0.7972	--	0.9168	0.9050	0.7724	0.9461	0.9737
79.3	0.8871	0.8115	--	0.9211	0.9014	0.7930	0.9208	0.9717
79.4	0.8742	0.7614	--	0.8994	0.8763	0.8141	0.9159	0.9634
79.5	0.8689	0.7023	--	0.9276	0.8663	0.8336	0.9193	0.9598
79.6	0.8833	0.7859	--	0.9299	0.8919	0.8259	0.9197	0.9700
79.7	0.8774	0.7747	--	0.9238	0.8997	0.8309	0.9030	0.9641
79.8	0.9047	0.7771	--	0.9329	0.9025	0.8125	0.9108	0.9728
79.9	0.8779	0.7543	--	0.9293	0.8774	0.8387	0.9203	0.9690
80.0	0.8396	0.7912	--	0.8972	0.8681	0.8456	0.9121	0.9611

2.2.106 Run 10 – IP270NVP – Accels 25–32

In-plane shaking at 270° with no vertical shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.9565	0.9983	0.9988	0.9969	0.9080	0.9731	0.9743	0.9776
0.1	0.8799	0.9951	0.9957	0.9897	0.7483	0.8959	0.9334	0.9379
0.2	0.0317	0.0015	0.0287	0.0754	0.0076	0.0071	0.0641	0.0279
0.3	0.0295	0.0013	0.0386	0.0096	0.0619	0.0353	0.0283	0.0466
0.4	0.0283	0.0212	0.0323	0.0068	0.0362	0.0348	0.0278	0.0454
0.5	0.0054	0.0153	0.0032	0.0061	0.0106	0.0044	0.0171	0.0034
0.6	0.0052	0.0284	0.0029	0.0059	0.0037	0.0160	0.0118	0.0155
0.7	0.0034	0.0307	0.0440	0.0047	0.0036	0.0139	0.0129	0.0033
0.8	0.0007	0.0356	0.0791	0.0006	0.0078	0.1167	0.0033	0.1075
0.9	0.0338	0.0770	0.1336	0.0406	0.0027	0.2268	0.0016	0.2726
1.0	0.0125	0.0862	0.3223	0.0444	0.0566	0.3262	0.0509	0.3630
1.1	0.0277	0.1393	0.4905	0.0682	0.1323	0.5785	0.0913	0.5475
1.2	0.1453	0.0464	0.5812	0.0076	0.1624	0.6389	0.0735	0.6613
1.3	0.2633	0.1985	0.5824	0.0218	0.2759	0.6785	0.2397	0.7462
1.4	0.5272	0.4655	0.4958	0.0300	0.2633	0.6975	0.2368	0.8000
1.5	0.7766	0.5705	0.5882	0.0998	0.1965	0.8139	0.0158	0.8777
1.6	0.8701	0.7050	0.7512	0.2037	0.6093	0.8892	0.3788	0.9138
1.7	0.8953	0.7203	0.8325	0.0898	0.7928	0.8800	0.7151	0.8941
1.8	0.8360	0.6865	0.9005	0.0895	0.7865	0.8269	0.7579	0.8319
1.9	0.7980	0.5367	0.8625	0.0867	0.7376	0.7953	0.7741	0.7967
2.0	0.6747	0.1809	0.8850	0.0055	0.7474	0.7889	0.8323	0.7783
2.1	0.7035	0.3397	0.9662	0.0410	0.9317	0.9308	0.9423	0.9269
2.2	0.6114	0.4833	0.9759	0.0356	0.8964	0.9568	0.9633	0.9531
2.3	0.5029	0.2857	0.9761	0.1234	0.6662	0.9830	0.8112	0.9797
2.4	0.5576	0.3308	0.9704	0.1117	0.6606	0.9914	0.6118	0.9902
2.5	0.6719	0.5129	0.9720	0.0071	0.8770	0.9899	0.6497	0.9909
2.6	0.8886	0.9094	0.9849	0.0208	0.9587	0.9914	0.8940	0.9930
2.7	0.8498	0.9488	0.9817	0.0209	0.9541	0.9876	0.8769	0.9908
2.8	0.8338	0.9689	0.9801	0.0795	0.9331	0.9807	0.8479	0.9857
2.9	0.8159	0.9664	0.9844	0.1351	0.9254	0.9794	0.8418	0.9849
3.0	0.7181	0.9649	0.9868	0.0496	0.9291	0.9796	0.8578	0.9839
3.1	0.7000	0.9683	0.9831	0.0558	0.8840	0.9643	0.8061	0.9711
3.2	0.7718	0.9659	0.9856	0.0473	0.8980	0.9686	0.8520	0.9744
3.3	0.6732	0.9587	0.9828	0.0531	0.8407	0.9509	0.7771	0.9603
3.4	0.6840	0.9665	0.9835	0.0558	0.8275	0.9432	0.7521	0.9544
3.5	0.6686	0.9566	0.9815	0.0197	0.7853	0.9222	0.6984	0.9375
3.6	0.8050	0.9622	0.9865	0.0439	0.8387	0.9397	0.7812	0.9509
3.7	0.8790	0.9713	0.9884	0.0244	0.8373	0.9432	0.7855	0.9514
3.8	0.8260	0.9365	0.9745	0.0060	0.6981	0.8816	0.6480	0.8971
3.9	0.8426	0.9473	0.9782	0.0023	0.7070	0.8824	0.6948	0.8975
4.0	0.7423	0.9343	0.9788	0.0360	0.6311	0.8370	0.5973	0.8563
4.1	0.8236	0.9479	0.9811	0.0299	0.6901	0.8597	0.6414	0.8746
4.2	0.8627	0.9436	0.9808	0.0100	0.5920	0.8302	0.5807	0.8542
4.3	0.9056	0.9324	0.9831	0.0075	0.5412	0.8394	0.6277	0.8659
4.4	0.9288	0.9165	0.9856	0.0702	0.6141	0.8748	0.7454	0.8923
4.5	0.9439	0.9095	0.9855	0.1206	0.4604	0.8207	0.6091	0.8463
4.6	0.9531	0.9070	0.9827	0.0771	0.4742	0.8149	0.6152	0.8422
4.7	0.9442	0.8856	0.9844	0.0316	0.4585	0.8567	0.6092	0.8806
4.8	0.9641	0.8967	0.9872	0.0187	0.5269	0.8849	0.6589	0.9024
4.9	0.9704	0.8640	0.9848	0.0513	0.3570	0.8632	0.5826	0.8791
5.0	0.9590	0.8154	0.9818	0.0382	0.1994	0.8537	0.4752	0.8736
5.1	0.9558	0.8827	0.9865	0.0093	0.3427	0.8988	0.4927	0.9119
5.2	0.9584	0.8670	0.9862	0.0040	0.3705	0.9212	0.4374	0.9278
5.3	0.9505	0.8231	0.9843	0.0046	0.3508	0.9159	0.3446	0.9211
5.4	0.9344	0.7764	0.9836	0.0107	0.3619	0.9160	0.3913	0.9189
5.5	0.9175	0.7697	0.9872	0.0020	0.3604	0.8971	0.2912	0.9014
5.6	0.9279	0.7819	0.9908	0.0130	0.4037	0.8841	0.3588	0.8896
5.7	0.9273	0.8124	0.9892	0.0537	0.3884	0.8646	0.4566	0.8706
5.8	0.9255	0.7806	0.9867	0.0804	0.4204	0.8363	0.3832	0.8385
5.9	0.8938	0.7566	0.9865	0.1523	0.3908	0.8146	0.3301	0.8167
6.0	0.8550	0.6670	0.9814	0.0790	0.3286	0.7049	0.2400	0.7021
6.1	0.8916	0.7290	0.9872	0.1092	0.4323	0.7633	0.3248	0.7588
6.2	0.9195	0.7808	0.9888	0.0806	0.5098	0.7515	0.4584	0.7502
6.3	0.9292	0.7759	0.9885	0.1641	0.5654	0.7209	0.5075	0.7182
6.4	0.9213	0.7855	0.9882	0.1229	0.6554	0.7103	0.3128	0.6976
6.5	0.9016	0.8471	0.9908	0.0855	0.6587	0.7627	0.2396	0.7455
6.6	0.8840	0.8285	0.9909	0.0986	0.6080	0.7326	0.2485	0.7193
6.7	0.8835	0.8672	0.9928	0.1267	0.5514	0.7410	0.2906	0.7243
6.8	0.8382	0.8683	0.9897	0.0618	0.4797	0.6700	0.2715	0.6498
6.9	0.7329	0.8431	0.9889	0.0796	0.4512	0.6310	0.1885	0.6117
7.0	0.6095	0.8191	0.9898	0.1675	0.5647	0.6177	0.1571	0.5920
7.1	0.5709	0.8564	0.9932	0.1491	0.6582	0.6243	0.0900	0.5900
7.2	0.7929	0.7905	0.9919	0.1206	0.5213	0.6486	0.1247	0.6436
7.3	0.8884	0.5982	0.9863	0.0673	0.2914	0.6566	0.3466	0.6697
7.4	0.9498	0.3897	0.9861	0.1061	0.1136	0.5275	0.3599	0.5319
7.5	0.9744	0.3404	0.9828	0.1259	0.1648	0.5059	0.3489	0.4996
7.6	0.9900	0.3921	0.9858	0.1866	0.2410	0.5304	0.3801	0.5192
7.7	0.9901	0.5407	0.9862	0.1733	0.3214	0.5111	0.5022	0.4949
7.8	0.9912	0.6682	0.9885	0.2359	0.4083	0.5345	0.4608	0.5199
7.9	0.9845	0.6675	0.9836	0.1659	0.4019	0.5316	0.3974	0.5073

8.0	0.9787	0.6992	0.9838	0.1610	0.3830	0.5388	0.2350	0.5135
8.1	0.9835	0.6676	0.9855	0.3280	0.4466	0.5733	0.1347	0.5332
8.2	0.9775	0.6221	0.9826	0.2202	0.3784	0.6018	0.0402	0.5538
8.3	0.9655	0.6681	0.9816	0.0782	0.3231	0.5641	0.0174	0.4994
8.4	0.9755	0.7324	0.9908	0.2667	0.5737	0.5697	0.0338	0.5036
8.5	0.9632	0.6786	0.9838	0.1199	0.6375	0.4896	0.0556	0.4037
8.6	0.9603	0.6849	0.9795	0.3354	0.5321	0.5353	0.0212	0.4247
8.7	0.9736	0.7174	0.9836	0.5104	0.5719	0.5654	0.0746	0.4337
8.8	0.9444	0.7388	0.9818	0.4490	0.4865	0.4983	0.1869	0.3721
8.9	0.9428	0.7181	0.9813	0.5724	0.2968	0.5333	0.1193	0.4350
9.0	0.9490	0.7147	0.9850	0.5869	0.1476	0.5276	0.3445	0.4309
9.1	0.9184	0.6691	0.9792	0.5081	0.1997	0.3795	0.5256	0.2818
9.2	0.9115	0.7218	0.9737	0.5726	0.2411	0.3113	0.4894	0.2252
9.3	0.8829	0.7699	0.9731	0.6347	0.3148	0.3354	0.6617	0.2246
9.4	0.8952	0.8046	0.9807	0.7196	0.2733	0.5675	0.7949	0.4448
9.5	0.8312	0.7230	0.9753	0.6588	0.0978	0.5763	0.6579	0.4870
9.6	0.8194	0.6404	0.9768	0.7664	0.1994	0.4391	0.4076	0.3435
9.7	0.7279	0.4701	0.9727	0.6259	0.2090	0.3537	0.1864	0.2405
9.8	0.7923	0.4236	0.9786	0.6203	0.2974	0.5117	0.1876	0.3652
9.9	0.7925	0.1901	0.9764	0.6185	0.2712	0.5056	0.2307	0.3383
10.0	0.8218	0.0258	0.9648	0.4485	0.1531	0.4992	0.2004	0.3856
10.1	0.9030	0.0238	0.9778	0.4494	0.3207	0.6123	0.2023	0.4432
10.2	0.9383	0.1313	0.9809	0.5753	0.3234	0.6092	0.1075	0.4162
10.3	0.9601	0.2771	0.9874	0.7571	0.4020	0.7092	0.2309	0.5478
10.4	0.9587	0.2783	0.9763	0.7254	0.3702	0.6487	0.1711	0.4838
10.5	0.9470	0.2474	0.9725	0.7429	0.2526	0.6407	0.1373	0.4578
10.6	0.9396	0.2838	0.9719	0.7713	0.3916	0.7524	0.3543	0.5925
10.7	0.9593	0.4375	0.9634	0.7558	0.4214	0.7943	0.3941	0.6243
10.8	0.9703	0.4776	0.9570	0.7262	0.3885	0.7897	0.3827	0.6431
10.9	0.9750	0.5271	0.9632	0.7894	0.5475	0.8591	0.5645	0.7029
11.0	0.9822	0.5541	0.9603	0.7522	0.5250	0.8555	0.5742	0.7156
11.1	0.9872	0.4687	0.9564	0.6355	0.5370	0.8523	0.6279	0.7069
11.2	0.9847	0.5384	0.9497	0.6054	0.5151	0.7985	0.6572	0.6328
11.3	0.9906	0.6358	0.9613	0.6917	0.6978	0.8526	0.7948	0.7026
11.4	0.9912	0.6818	0.9550	0.7183	0.6698	0.7798	0.7418	0.5130
11.5	0.9951	0.7058	0.9703	0.7728	0.7887	0.8369	0.8150	0.6189
11.6	0.9941	0.7081	0.9709	0.7248	0.6728	0.7700	0.6809	0.5204
11.7	0.9953	0.7825	0.9718	0.7395	0.6070	0.7759	0.6633	0.4784
11.8	0.9967	0.7809	0.9794	0.6742	0.5993	0.8256	0.6408	0.5683
11.9	0.9968	0.7771	0.9814	0.6483	0.4471	0.7554	0.4767	0.4352
12.0	0.9978	0.7564	0.9814	0.6450	0.4708	0.7661	0.5082	0.4388
12.1	0.9979	0.7075	0.9797	0.5859	0.3196	0.7203	0.3696	0.4056
12.2	0.9974	0.7081	0.9778	0.4727	0.2478	0.6762	0.2934	0.3965
12.3	0.9960	0.6996	0.9747	0.3676	0.1529	0.5661	0.1659	0.2791
12.4	0.9963	0.6427	0.9751	0.3525	0.1949	0.5404	0.2253	0.2556
12.5	0.9973	0.7115	0.9832	0.3585	0.1710	0.6516	0.1923	0.3863
12.6	0.9972	0.7692	0.9864	0.5471	0.2021	0.7393	0.2070	0.4936
12.7	0.9969	0.7982	0.9829	0.6434	0.2350	0.6894	0.2098	0.4005
12.8	0.9961	0.7866	0.9823	0.6320	0.3094	0.6698	0.3211	0.3263
12.9	0.9963	0.7982	0.9881	0.7075	0.2467	0.7082	0.2763	0.4274
13.0	0.9963	0.8178	0.9885	0.7386	0.4312	0.7893	0.3128	0.5198
13.1	0.9961	0.8387	0.9940	0.7969	0.4729	0.8411	0.3666	0.5902
13.2	0.9944	0.8248	0.9936	0.8018	0.4771	0.8270	0.4053	0.6237
13.3	0.9958	0.8210	0.9963	0.8069	0.5976	0.9102	0.4277	0.8126
13.4	0.9953	0.8029	0.9965	0.7033	0.6647	0.8260	0.3196	0.6561
13.5	0.9942	0.7809	0.9955	0.5716	0.6152	0.6354	0.4067	0.3193
13.6	0.9949	0.7552	0.9951	0.5018	0.6673	0.6182	0.5716	0.2393
13.7	0.9960	0.8167	0.9970	0.5027	0.7900	0.7649	0.6263	0.4649
13.8	0.9965	0.8846	0.9982	0.6045	0.7831	0.8121	0.6661	0.5539
13.9	0.9966	0.9021	0.9984	0.5021	0.7850	0.8619	0.6745	0.6808
14.0	0.9963	0.8982	0.9982	0.4161	0.7950	0.8370	0.6853	0.6367
14.1	0.9968	0.8669	0.9981	0.4490	0.7276	0.8217	0.5539	0.6264
14.2	0.9973	0.7587	0.9978	0.4241	0.6580	0.8410	0.5211	0.6703
14.3	0.9966	0.7678	0.9974	0.4880	0.6997	0.8498	0.6978	0.6734
14.4	0.9948	0.8240	0.9976	0.5242	0.7082	0.8500	0.6799	0.6854
14.5	0.9917	0.8885	0.9974	0.6448	0.7339	0.8399	0.5505	0.6972
14.6	0.9871	0.9009	0.9970	0.6820	0.8147	0.8523	0.5330	0.7401
14.7	0.9759	0.9249	0.9978	0.6664	0.8073	0.8775	0.3885	0.7863
14.8	0.9781	0.9084	0.9984	0.7202	0.8646	0.8667	0.4808	0.7670
14.9	0.9635	0.8757	0.9981	0.8088	0.8669	0.8600	0.5341	0.7613
15.0	0.9520	0.7944	0.9974	0.8427	0.8103	0.7484	0.3768	0.5671
15.1	0.9365	0.5386	0.9967	0.8409	0.7043	0.5931	0.2090	0.3681
15.2	0.9352	0.2758	0.9969	0.8117	0.6125	0.6150	0.1148	0.4064
15.3	0.9548	0.3407	0.9973	0.8299	0.5366	0.7255	0.0446	0.5520
15.4	0.9761	0.5527	0.9977	0.8995	0.5584	0.7636	0.1401	0.5935
15.5	0.9875	0.7237	0.9984	0.9084	0.7999	0.8107	0.4620	0.6743
15.6	0.9902	0.6715	0.9982	0.8393	0.7722	0.8529	0.6363	0.7592
15.7	0.9926	0.6605	0.9973	0.8141	0.6854	0.8431	0.7830	0.7333
15.8	0.9935	0.7149	0.9978	0.8406	0.8274	0.8628	0.8357	0.7550
15.9	0.9951	0.7097	0.9975	0.8494	0.8687	0.8775	0.9065	0.7987
16.0	0.9953	0.7419	0.9976	0.8582	0.8869	0.9129	0.9450	0.8594
16.1	0.9942	0.6851	0.9977	0.7976	0.8933	0.9351	0.9559	0.8963
16.2	0.9947	0.6255	0.9979	0.7647	0.8716	0.9431	0.9549	0.9150
16.3	0.9918	0.5874	0.9975	0.6499	0.8653	0.9309	0.9395	0.9069
16.4	0.9928	0.6994	0.9985	0.4230	0.8749	0.9372	0.9446	0.9170
16.5	0.9935	0.7671	0.9980	0.1084	0.8667	0.9474	0.9391	0.9287

16.6	0.9924	0.8216	0.9977	0.2231	0.8478	0.9479	0.8990	0.9347
16.7	0.9932	0.9050	0.9979	0.5312	0.8271	0.9593	0.9395	0.9475
16.8	0.9895	0.9139	0.9969	0.6900	0.8107	0.9410	0.8822	0.9322
16.9	0.9898	0.9170	0.9967	0.6428	0.7549	0.9362	0.8079	0.9319
17.0	0.9912	0.9062	0.9974	0.6955	0.6625	0.9308	0.8804	0.9023
17.1	0.9838	0.8775	0.9962	0.7473	0.5751	0.8413	0.8228	0.8176
17.2	0.9896	0.8912	0.9961	0.7871	0.6825	0.8703	0.8663	0.8859
17.3	0.9904	0.7579	0.9963	0.6441	0.6887	0.7838	0.8379	0.8606
17.4	0.9952	0.7443	0.9977	0.4985	0.7705	0.8559	0.8817	0.8671
17.5	0.9945	0.8284	0.9983	0.2540	0.6709	0.9013	0.9056	0.8308
17.6	0.9919	0.8144	0.9980	0.5412	0.5080	0.8981	0.8949	0.7836
17.7	0.9895	0.8307	0.9976	0.6864	0.5799	0.8999	0.8895	0.6387
17.8	0.9881	0.8346	0.9986	0.7806	0.7230	0.9181	0.8456	0.6610
17.9	0.9899	0.8773	0.9990	0.8731	0.8536	0.9403	0.8447	0.7870
18.0	0.9903	0.8326	0.9984	0.8824	0.8967	0.9556	0.7102	0.8527
18.1	0.9885	0.4749	0.9968	0.8555	0.8507	0.9428	0.4454	0.8497
18.2	0.9925	0.2029	0.9969	0.8920	0.8580	0.9330	0.5584	0.8373
18.3	0.9921	0.0841	0.9976	0.8876	0.8215	0.9307	0.7305	0.8501
18.4	0.9857	0.3852	0.9959	0.8401	0.7962	0.9175	0.7362	0.8126
18.5	0.9848	0.7926	0.9972	0.8379	0.8028	0.9443	0.7338	0.8513
18.6	0.9732	0.7745	0.9974	0.5690	0.7527	0.9502	0.6949	0.8048
18.7	0.9796	0.8509	0.9973	0.4205	0.7030	0.9503	0.7393	0.7277
18.8	0.9900	0.8581	0.9961	0.2261	0.6396	0.9517	0.7652	0.7608
18.9	0.9941	0.8474	0.9963	0.6012	0.6008	0.9565	0.7971	0.8267
19.0	0.9910	0.7798	0.9960	0.7551	0.5438	0.9510	0.8419	0.8284
19.1	0.9876	0.6774	0.9957	0.7688	0.4577	0.9018	0.8291	0.6554
19.2	0.9906	0.5211	0.9949	0.8138	0.4166	0.9094	0.8593	0.6774
19.3	0.9911	0.4081	0.9911	0.7989	0.4438	0.9199	0.8851	0.7431
19.4	0.9897	0.5118	0.9936	0.8591	0.5384	0.9137	0.8925	0.7571
19.5	0.9872	0.6456	0.9946	0.8303	0.4433	0.9212	0.8776	0.8105
19.6	0.9909	0.8188	0.9947	0.8786	0.6879	0.9508	0.9512	0.8758
19.7	0.9901	0.8670	0.9950	0.8619	0.7265	0.9472	0.9580	0.8866
19.8	0.9853	0.8875	0.9922	0.7910	0.7036	0.9258	0.9593	0.8680
19.9	0.9858	0.9182	0.9918	0.7893	0.6439	0.9205	0.9340	0.8563
20.0	0.9888	0.9441	0.9883	0.7673	0.6764	0.9141	0.9317	0.8287
20.1	0.9893	0.9353	0.9864	0.7859	0.7854	0.9148	0.9389	0.8496
20.2	0.9919	0.9272	0.9871	0.8122	0.8218	0.9096	0.9424	0.8090
20.3	0.9940	0.9505	0.9892	0.8760	0.8447	0.9046	0.9421	0.7861
20.4	0.9939	0.9575	0.9858	0.9204	0.8604	0.9086	0.9470	0.8029
20.5	0.9939	0.9527	0.9857	0.9088	0.8846	0.9109	0.9452	0.8294
20.6	0.9923	0.9378	0.9844	0.9014	0.9116	0.9019	0.9610	0.8179
20.7	0.9933	0.9524	0.9887	0.9274	0.9163	0.8780	0.9418	0.8029
20.8	0.9909	0.9523	0.9865	0.8986	0.9074	0.8490	0.9009	0.7542
20.9	0.9949	0.9685	0.9908	0.9140	0.9460	0.8814	0.9481	0.8437
21.0	0.9933	0.9526	0.9871	0.8963	0.9549	0.8864	0.9614	0.8613
21.1	0.9912	0.9427	0.9870	0.8930	0.9559	0.9006	0.9584	0.8854
21.2	0.9924	0.9538	0.9881	0.9261	0.9442	0.9070	0.9611	0.9066
21.3	0.9927	0.9632	0.9892	0.9168	0.9527	0.8976	0.9612	0.8838
21.4	0.9919	0.9626	0.9922	0.9209	0.9400	0.9138	0.9499	0.9091
21.5	0.9917	0.9525	0.9929	0.9081	0.9412	0.8912	0.9496	0.8620
21.6	0.9910	0.9439	0.9909	0.9092	0.9442	0.8562	0.9572	0.8282
21.7	0.9891	0.9537	0.9928	0.8889	0.9359	0.7886	0.9519	0.7767
21.8	0.9915	0.9694	0.9911	0.8897	0.9493	0.8181	0.9614	0.8161
21.9	0.9925	0.9763	0.9927	0.9026	0.9577	0.8681	0.9710	0.8871
22.0	0.9917	0.9726	0.9923	0.8600	0.9571	0.8631	0.9654	0.8823
22.1	0.9921	0.9749	0.9948	0.8371	0.9651	0.8566	0.9688	0.8996
22.2	0.9927	0.9779	0.9954	0.7828	0.9489	0.7936	0.9622	0.8864
22.3	0.9938	0.9802	0.9967	0.6933	0.9563	0.8071	0.9656	0.9154
22.4	0.9936	0.9794	0.9960	0.4424	0.9445	0.7820	0.9594	0.9107
22.5	0.9957	0.9854	0.9967	0.4827	0.9476	0.7595	0.9698	0.9258
22.6	0.9966	0.9908	0.9977	0.5486	0.9603	0.7588	0.9743	0.9379
22.7	0.9951	0.9839	0.9968	0.2993	0.9505	0.7285	0.9697	0.9188
22.8	0.9944	0.9785	0.9958	0.0698	0.9215	0.7253	0.9680	0.9011
22.9	0.9937	0.9714	0.9954	0.2678	0.9155	0.7886	0.9570	0.9008
23.0	0.9955	0.9695	0.9962	0.6661	0.9569	0.7859	0.9641	0.9153
23.1	0.9938	0.9647	0.9952	0.7934	0.9533	0.6744	0.9656	0.8853
23.2	0.9903	0.9399	0.9905	0.8125	0.9312	0.4765	0.9389	0.8603
23.3	0.9863	0.9303	0.9869	0.8072	0.9326	0.2283	0.9293	0.8318
23.4	0.9900	0.9094	0.9885	0.8447	0.9334	0.1009	0.9383	0.8433
23.5	0.9884	0.8714	0.9857	0.8944	0.9528	0.1350	0.9514	0.8533
23.6	0.9878	0.8644	0.9839	0.8762	0.9509	0.2206	0.9530	0.8541
23.7	0.9893	0.8336	0.9818	0.8954	0.9456	0.3663	0.9470	0.8550
23.8	0.9917	0.7507	0.9863	0.9199	0.9513	0.5169	0.9525	0.8714
23.9	0.9904	0.5724	0.9809	0.8856	0.9415	0.5419	0.9452	0.8528
24.0	0.9919	0.3728	0.9799	0.8893	0.9371	0.6400	0.9482	0.8630
24.1	0.9960	0.2533	0.9890	0.9250	0.9531	0.7695	0.9698	0.8845
24.2	0.9940	0.0728	0.9823	0.9222	0.9371	0.7636	0.9531	0.8802
24.3	0.9935	0.0619	0.9734	0.9191	0.9500	0.8255	0.9636	0.9246
24.4	0.9955	0.2188	0.9769	0.9376	0.9561	0.8817	0.9646	0.9186
24.5	0.9958	0.4835	0.9769	0.9438	0.9520	0.8489	0.9652	0.9236
24.6	0.9970	0.6716	0.9795	0.9403	0.9537	0.8431	0.9684	0.9213
24.7	0.9969	0.7303	0.9702	0.9457	0.9395	0.8623	0.9608	0.9072
24.8	0.9973	0.7844	0.9659	0.9528	0.9425	0.8760	0.9610	0.8821
24.9	0.9977	0.8481	0.9649	0.9595	0.9541	0.8871	0.9644	0.8659
25.0	0.9979	0.9101	0.9625	0.9598	0.9515	0.8972	0.9593	0.8668
25.1	0.9985	0.9482	0.9708	0.9723	0.9584	0.9057	0.9632	0.8817

25.2	0.9989	0.9456	0.9612	0.9660	0.9292	0.8752	0.9528	0.8679
25.3	0.9989	0.9312	0.9281	0.9546	0.9116	0.8421	0.9392	0.8402
25.4	0.9989	0.9601	0.9327	0.9694	0.9066	0.8727	0.9457	0.8628
25.5	0.9987	0.9528	0.9254	0.9533	0.8635	0.8652	0.9184	0.8255
25.6	0.9989	0.9454	0.9099	0.9592	0.8514	0.8857	0.9081	0.8002
25.7	0.9987	0.9499	0.8631	0.9518	0.8517	0.9178	0.9015	0.8157
25.8	0.9991	0.9545	0.9261	0.9558	0.8690	0.9320	0.9059	0.8587
25.9	0.9990	0.9018	0.9094	0.9443	0.8500	0.9179	0.8981	0.8806
26.0	0.9986	0.8122	0.9241	0.9221	0.9145	0.9435	0.9350	0.9134
26.1	0.9985	0.7122	0.9346	0.8881	0.8898	0.9358	0.9081	0.8863
26.2	0.9988	0.8579	0.9613	0.9194	0.8804	0.9438	0.9170	0.8695
26.3	0.9988	0.8933	0.9599	0.9180	0.8370	0.9385	0.9046	0.8259
26.4	0.9981	0.9243	0.9575	0.8645	0.7202	0.9146	0.8561	0.7419
26.5	0.9981	0.9081	0.9548	0.8388	0.7226	0.9151	0.8707	0.7465
26.6	0.9976	0.9319	0.9623	0.8513	0.6934	0.9242	0.8833	0.8500
26.7	0.9982	0.9527	0.9709	0.8732	0.4666	0.9156	0.8378	0.8797
26.8	0.9984	0.9688	0.9813	0.8814	0.4652	0.9266	0.8917	0.9035
26.9	0.9969	0.9468	0.9640	0.8110	0.4577	0.8873	0.8487	0.8971
27.0	0.9951	0.9505	0.9609	0.8115	0.6707	0.8581	0.8086	0.8840
27.1	0.9951	0.9528	0.9654	0.8387	0.7792	0.8564	0.8458	0.9036
27.2	0.9953	0.9531	0.9683	0.8494	0.8263	0.8438	0.8710	0.9045
27.3	0.9924	0.9434	0.9599	0.7299	0.7994	0.7919	0.8566	0.8702
27.4	0.9936	0.9547	0.9691	0.7429	0.8575	0.8334	0.8726	0.8839
27.5	0.9944	0.9595	0.9719	0.7081	0.8734	0.8368	0.8829	0.9101
27.6	0.9929	0.9569	0.9648	0.7096	0.8934	0.8553	0.8938	0.9238
27.7	0.9937	0.9690	0.9721	0.7842	0.8886	0.8353	0.8918	0.9242
27.8	0.9937	0.9661	0.9684	0.7613	0.8866	0.8369	0.9084	0.8986
27.9	0.9941	0.9711	0.9768	0.7901	0.9109	0.8601	0.9218	0.9089
28.0	0.9936	0.9527	0.9677	0.7208	0.8816	0.8245	0.9053	0.9135
28.1	0.9937	0.9458	0.9688	0.6599	0.9032	0.8506	0.9141	0.9348
28.2	0.9953	0.9545	0.9755	0.7259	0.9017	0.8367	0.9150	0.9301
28.3	0.9930	0.9443	0.9675	0.7130	0.8912	0.8014	0.9183	0.9208
28.4	0.9925	0.9501	0.9698	0.6813	0.8765	0.8048	0.9074	0.9339
28.5	0.9957	0.9748	0.9850	0.7984	0.9244	0.8950	0.9404	0.9591
28.6	0.9968	0.9780	0.9845	0.7659	0.9257	0.9053	0.9431	0.9484
28.7	0.9980	0.9778	0.9880	0.7681	0.9270	0.8975	0.9482	0.9679
28.8	0.9980	0.9685	0.9879	0.8003	0.9238	0.8988	0.9444	0.9614
28.9	0.9984	0.9773	0.9914	0.8513	0.9393	0.9258	0.9573	0.9660
29.0	0.9985	0.9731	0.9918	0.8798	0.9434	0.9366	0.9652	0.9653
29.1	0.9986	0.9719	0.9917	0.8651	0.9242	0.9421	0.9595	0.9626
29.2	0.9990	0.9778	0.9945	0.8736	0.9373	0.9567	0.9650	0.9729
29.3	0.9991	0.9793	0.9964	0.8886	0.9431	0.9613	0.9664	0.9779
29.4	0.9988	0.9803	0.9945	0.8787	0.9260	0.9513	0.9563	0.9700
29.5	0.9984	0.9828	0.9945	0.8893	0.9091	0.9382	0.9496	0.9661
29.6	0.9990	0.9815	0.9956	0.9031	0.9009	0.9501	0.9569	0.9721
29.7	0.9990	0.9815	0.9963	0.8737	0.8683	0.9478	0.9488	0.9594
29.8	0.9985	0.9801	0.9970	0.8469	0.8529	0.9520	0.9431	0.9529
29.9	0.9971	0.9745	0.9969	0.8295	0.8465	0.9557	0.9395	0.9484
30.0	0.9984	0.9819	0.9972	0.8617	0.8825	0.9625	0.9517	0.9577
30.1	0.9994	0.9908	0.9979	0.8851	0.9281	0.9731	0.9681	0.9690
30.2	0.9993	0.9909	0.9978	0.8772	0.9246	0.9783	0.9696	0.9569
30.3	0.9992	0.9898	0.9980	0.8690	0.9020	0.9649	0.9578	0.9492
30.4	0.9992	0.9883	0.9980	0.8078	0.9004	0.9565	0.9540	0.9452
30.5	0.9990	0.9859	0.9978	0.7892	0.8986	0.9515	0.9551	0.9436
30.6	0.9990	0.9905	0.9976	0.8243	0.9244	0.9614	0.9634	0.9489
30.7	0.9987	0.9845	0.9967	0.7559	0.9089	0.9503	0.9562	0.9376
30.8	0.9986	0.9841	0.9972	0.6189	0.9105	0.9542	0.9538	0.9332
30.9	0.9990	0.9841	0.9968	0.4969	0.9205	0.9537	0.9641	0.9471
31.0	0.9986	0.9802	0.9956	0.2243	0.9203	0.9452	0.9645	0.9255
31.1	0.9983	0.9664	0.9931	0.1510	0.9321	0.9528	0.9670	0.9103
31.2	0.9984	0.9482	0.9920	0.2220	0.9244	0.9578	0.9672	0.9235
31.3	0.9979	0.9424	0.9911	0.3901	0.9074	0.9532	0.9639	0.8871
31.4	0.9981	0.9416	0.9884	0.3456	0.9287	0.9540	0.9757	0.9161
31.5	0.9972	0.9167	0.9842	0.3629	0.9083	0.9342	0.9674	0.8704
31.6	0.9983	0.9326	0.9887	0.4942	0.9236	0.9535	0.9716	0.9155
31.7	0.9987	0.9406	0.9897	0.6104	0.9391	0.9568	0.9797	0.9405
31.8	0.9983	0.9360	0.9869	0.6849	0.9169	0.9508	0.9711	0.9256
31.9	0.9979	0.9278	0.9862	0.7505	0.9206	0.9511	0.9766	0.9436
32.0	0.9965	0.8919	0.9771	0.7278	0.8662	0.9120	0.9578	0.9237
32.1	0.9969	0.8862	0.9763	0.7776	0.8979	0.9332	0.9677	0.9383
32.2	0.9958	0.8913	0.9737	0.7836	0.9063	0.9195	0.9688	0.9471
32.3	0.9937	0.8651	0.9709	0.7372	0.9047	0.8984	0.9601	0.9356
32.4	0.9957	0.9102	0.9685	0.7711	0.8971	0.8869	0.9582	0.9336
32.5	0.9941	0.8860	0.9582	0.8080	0.8650	0.8294	0.9429	0.9143
32.6	0.9947	0.8928	0.9501	0.8343	0.8816	0.8286	0.9412	0.9278
32.7	0.9948	0.8975	0.9461	0.8567	0.8984	0.8363	0.9547	0.9475
32.8	0.9933	0.8806	0.9494	0.8544	0.8715	0.7166	0.9346	0.9360
32.9	0.9916	0.8551	0.9454	0.8725	0.8640	0.7291	0.9217	0.9398
33.0	0.9935	0.8787	0.9580	0.9347	0.9123	0.7660	0.9532	0.9643
33.1	0.9934	0.8680	0.9608	0.9357	0.9026	0.7630	0.9533	0.9613
33.2	0.9933	0.8817	0.9657	0.9471	0.8845	0.6852	0.9358	0.9533
33.3	0.9918	0.8556	0.9628	0.9367	0.8825	0.6019	0.9062	0.9547
33.4	0.9889	0.7930	0.9574	0.9241	0.8752	0.5450	0.8824	0.9510
33.5	0.9876	0.7355	0.9482	0.9330	0.7933	0.4213	0.8633	0.9332
33.6	0.9843	0.7692	0.9389	0.9409	0.7505	0.3997	0.8241	0.9262
33.7	0.9873	0.7758	0.9496	0.9432	0.7757	0.3446	0.8401	0.9339

33.8	0.9912	0.7906	0.9675	0.9444	0.7729	0.4104	0.8888	0.9311
33.9	0.9920	0.8004	0.9763	0.9471	0.7769	0.4872	0.9174	0.9316
34.0	0.9929	0.8022	0.9795	0.9598	0.7270	0.5522	0.9289	0.9272
34.1	0.9901	0.7481	0.9805	0.9583	0.7344	0.6471	0.9071	0.9103
34.2	0.9921	0.6715	0.9852	0.9642	0.7263	0.7329	0.9434	0.8882
34.3	0.9929	0.6446	0.9883	0.9583	0.7633	0.8114	0.9438	0.9124
34.4	0.9947	0.7117	0.9901	0.9699	0.8410	0.8745	0.9647	0.9218
34.5	0.9953	0.8018	0.9951	0.9750	0.8858	0.8991	0.9670	0.9428
34.6	0.9946	0.8102	0.9923	0.9683	0.8722	0.8634	0.9547	0.9340
34.7	0.9913	0.8211	0.9926	0.9568	0.8480	0.8592	0.9457	0.9135
34.8	0.9955	0.8607	0.9955	0.9693	0.8919	0.8765	0.9534	0.9456
34.9	0.9942	0.8972	0.9943	0.9790	0.9142	0.8992	0.9503	0.9578
35.0	0.9947	0.9316	0.9947	0.9764	0.9218	0.9223	0.9516	0.9595
35.1	0.9937	0.9178	0.9935	0.9738	0.8974	0.8887	0.9422	0.9519
35.2	0.9935	0.9394	0.9932	0.9796	0.9173	0.9176	0.9430	0.9553
35.3	0.9934	0.9429	0.9945	0.9792	0.9242	0.9183	0.9525	0.9629
35.4	0.9919	0.9431	0.9938	0.9773	0.9319	0.9302	0.9589	0.9679
35.5	0.9922	0.9579	0.9947	0.9836	0.9202	0.9366	0.9699	0.9669
35.6	0.9914	0.9580	0.9939	0.9837	0.9290	0.9499	0.9690	0.9654
35.7	0.9961	0.9647	0.9952	0.9879	0.9536	0.9652	0.9772	0.9748
35.8	0.9950	0.9579	0.9958	0.9850	0.9459	0.9641	0.9733	0.9711
35.9	0.9952	0.9675	0.9946	0.9828	0.9314	0.9508	0.9672	0.9647
36.0	0.9964	0.9656	0.9958	0.9837	0.9189	0.9571	0.9730	0.9673
36.1	0.9960	0.9428	0.9892	0.9771	0.8582	0.9302	0.9617	0.9540
36.2	0.9966	0.9469	0.9901	0.9792	0.8532	0.9402	0.9539	0.9586
36.3	0.9979	0.9517	0.9915	0.9778	0.8776	0.9680	0.9725	0.9700
36.4	0.9972	0.9477	0.9916	0.9793	0.8611	0.9626	0.9675	0.9708
36.5	0.9970	0.9459	0.9926	0.9775	0.8217	0.9675	0.9573	0.9682
36.6	0.9965	0.9411	0.9934	0.9748	0.8075	0.9746	0.9643	0.9682
36.7	0.9968	0.9180	0.9947	0.9712	0.6944	0.9794	0.9709	0.9646
36.8	0.9966	0.8915	0.9946	0.9685	0.6281	0.9761	0.9551	0.9600
36.9	0.9957	0.8061	0.9943	0.9450	0.6473	0.9620	0.9343	0.9470
37.0	0.9965	0.8648	0.9949	0.9690	0.7610	0.9726	0.9251	0.9369
37.1	0.9968	0.9015	0.9956	0.9803	0.7919	0.9769	0.9133	0.9549
37.2	0.9968	0.8705	0.9953	0.9801	0.8040	0.9741	0.9116	0.9563
37.3	0.9965	0.8317	0.9958	0.9805	0.8543	0.9801	0.9217	0.9538
37.4	0.9953	0.7945	0.9939	0.9729	0.8278	0.9704	0.8639	0.9493
37.5	0.9964	0.8509	0.9950	0.9781	0.8614	0.9665	0.8305	0.9688
37.6	0.9953	0.8487	0.9929	0.9735	0.8634	0.9588	0.7039	0.9650
37.7	0.9975	0.9037	0.9963	0.9814	0.9052	0.9690	0.7465	0.9768
37.8	0.9977	0.8784	0.9962	0.9703	0.8866	0.9585	0.8272	0.9693
37.9	0.9975	0.8885	0.9962	0.9731	0.8921	0.9745	0.9368	0.9779
38.0	0.9973	0.9297	0.9952	0.9761	0.8880	0.9793	0.9540	0.9745
38.1	0.9973	0.9166	0.9960	0.9744	0.8785	0.9823	0.9394	0.9748
38.2	0.9968	0.9220	0.9960	0.9760	0.8403	0.9811	0.9524	0.9711
38.3	0.9965	0.9271	0.9954	0.9774	0.8045	0.9824	0.9300	0.9633
38.4	0.9968	0.9160	0.9954	0.9690	0.8370	0.9795	0.9404	0.9643
38.5	0.9967	0.9280	0.9958	0.9697	0.8351	0.9837	0.9315	0.9599
38.6	0.9966	0.9273	0.9959	0.9736	0.8185	0.9833	0.9139	0.9443
38.7	0.9971	0.9165	0.9945	0.9642	0.7560	0.9780	0.8970	0.9294
38.8	0.9954	0.9137	0.9944	0.9613	0.6707	0.9730	0.8576	0.9248
38.9	0.9966	0.9416	0.9959	0.9724	0.6799	0.9800	0.8783	0.9431
39.0	0.9970	0.9480	0.9956	0.9680	0.7751	0.9809	0.9208	0.9473
39.1	0.9969	0.9432	0.9944	0.9609	0.7991	0.9813	0.9065	0.9290
39.2	0.9949	0.9371	0.9923	0.9553	0.7662	0.9821	0.8731	0.9228
39.3	0.9948	0.9404	0.9932	0.9545	0.7119	0.9812	0.8752	0.9254
39.4	0.9931	0.9506	0.9920	0.9615	0.7670	0.9829	0.9130	0.9080
39.5	0.9943	0.9578	0.9916	0.9590	0.8359	0.9811	0.9301	0.9050
39.6	0.9936	0.9556	0.9904	0.9495	0.8563	0.9862	0.9388	0.9195
39.7	0.9920	0.9582	0.9866	0.9509	0.8755	0.9872	0.9558	0.9261
39.8	0.9914	0.9546	0.9857	0.9506	0.8831	0.9861	0.9582	0.9126
39.9	0.9892	0.9570	0.9834	0.9504	0.8733	0.9853	0.9646	0.9061
40.0	0.9880	0.9674	0.9789	0.9498	0.8794	0.9780	0.9633	0.8911
40.1	0.9885	0.9442	0.9787	0.9075	0.8348	0.9761	0.9494	0.9043
40.2	0.9878	0.9404	0.9791	0.8905	0.8232	0.9810	0.9550	0.9116
40.3	0.9834	0.9337	0.9718	0.8643	0.8656	0.9769	0.9536	0.9131
40.4	0.9843	0.9349	0.9695	0.8698	0.8668	0.9767	0.9586	0.8761
40.5	0.9830	0.9326	0.9628	0.8659	0.8767	0.9818	0.9607	0.8630
40.6	0.9800	0.9185	0.9560	0.8531	0.8604	0.9769	0.9634	0.9016
40.7	0.9797	0.9175	0.9534	0.8400	0.8563	0.9755	0.9666	0.9107
40.8	0.9803	0.9214	0.9484	0.8213	0.8721	0.9703	0.9615	0.8545
40.9	0.9798	0.9075	0.9553	0.7545	0.8682	0.9697	0.9606	0.8826
41.0	0.9708	0.8335	0.9254	0.6293	0.8060	0.9667	0.9412	0.8801
41.1	0.9716	0.8653	0.9147	0.7430	0.8686	0.9634	0.9496	0.8371
41.2	0.9647	0.8727	0.8873	0.7568	0.8611	0.9558	0.9331	0.8568
41.3	0.9453	0.8346	0.8320	0.6810	0.7919	0.9480	0.8817	0.7851
41.4	0.9568	0.8239	0.8663	0.6773	0.7925	0.9554	0.8990	0.7983
41.5	0.9595	0.7734	0.8503	0.5961	0.7726	0.9423	0.8845	0.7730
41.6	0.9498	0.7383	0.7757	0.6145	0.7894	0.9470	0.8569	0.7788
41.7	0.9449	0.6999	0.7634	0.5861	0.7650	0.9413	0.8051	0.7364
41.8	0.9390	0.6241	0.7167	0.5608	0.7428	0.9065	0.7864	0.6791
41.9	0.9308	0.5788	0.6640	0.5326	0.7075	0.9076	0.7139	0.7019
42.0	0.9523	0.5616	0.7835	0.4803	0.6832	0.9032	0.6541	0.6602
42.1	0.9249	0.5597	0.6627	0.5020	0.6662	0.8536	0.6240	0.6105
42.2	0.9350	0.5656	0.7036	0.4889	0.6825	0.8512	0.6025	0.6434
42.3	0.9361	0.5462	0.7724	0.3779	0.6087	0.8193	0.3778	0.5408

42.4	0.9276	0.4126	0.7000	0.2107	0.4900	0.6890	0.2309	0.4310
42.5	0.9225	0.3080	0.7324	0.1054	0.3842	0.6950	0.3519	0.5300
42.6	0.9256	0.2968	0.7420	0.0281	0.3256	0.7537	0.3747	0.6198
42.7	0.9293	0.4334	0.6481	0.1888	0.5085	0.7199	0.2279	0.4135
42.8	0.9446	0.5118	0.6381	0.3113	0.5869	0.5997	0.2340	0.2549
42.9	0.9423	0.4398	0.6244	0.3242	0.5342	0.5430	0.2456	0.2947
43.0	0.9312	0.4142	0.6189	0.3506	0.5012	0.5418	0.3022	0.4224
43.1	0.9164	0.3632	0.4847	0.3394	0.4536	0.3928	0.3593	0.5280
43.2	0.8991	0.2653	0.4824	0.1920	0.3472	0.2080	0.2956	0.4995
43.3	0.9084	0.4126	0.5715	0.2350	0.4444	0.1459	0.2402	0.5198
43.4	0.8911	0.3838	0.5372	0.2435	0.3820	0.0832	0.1015	0.2997
43.5	0.9308	0.3208	0.6462	0.1955	0.3080	0.1877	0.2009	0.4242
43.6	0.9673	0.3891	0.6778	0.3056	0.3875	0.1658	0.2525	0.4928
43.7	0.9587	0.3640	0.5656	0.2030	0.2946	0.2561	0.1230	0.3850
43.8	0.9352	0.4476	0.4541	0.3053	0.4106	0.3925	0.0583	0.2932
43.9	0.9475	0.4103	0.5090	0.2859	0.4781	0.4970	0.1351	0.2152
44.0	0.9623	0.3857	0.4947	0.2299	0.4759	0.5666	0.1540	0.1955
44.1	0.9695	0.4250	0.3852	0.2688	0.5158	0.6362	0.1463	0.2128
44.2	0.9476	0.4437	0.2334	0.3178	0.5437	0.5858	0.0406	0.1662
44.3	0.9577	0.5952	0.4512	0.3969	0.6336	0.4807	0.0283	0.3533
44.4	0.9700	0.6727	0.4277	0.4859	0.7043	0.5719	0.0556	0.5007
44.5	0.9461	0.5529	0.2044	0.4142	0.6466	0.5720	0.0401	0.4170
44.6	0.9536	0.5080	0.2789	0.3735	0.6509	0.7077	0.0997	0.3450
44.7	0.9505	0.5151	0.2985	0.3995	0.6374	0.6304	0.0574	0.3489
44.8	0.9161	0.4518	0.2250	0.3788	0.6241	0.5319	0.0498	0.3896
44.9	0.9051	0.4628	0.4192	0.3201	0.5811	0.5373	0.1445	0.4717
45.0	0.8887	0.4785	0.4759	0.3668	0.5886	0.4702	0.0897	0.4551
45.1	0.9112	0.4222	0.4374	0.2709	0.5699	0.5802	0.1241	0.4175
45.2	0.8993	0.4763	0.4971	0.2419	0.6112	0.7229	0.2094	0.5604
45.3	0.9193	0.4571	0.3888	0.2298	0.5992	0.7902	0.1488	0.5155
45.4	0.9039	0.3613	0.2166	0.2257	0.5515	0.8046	0.0276	0.3678
45.5	0.8707	0.3840	0.3070	0.1623	0.5438	0.7825	0.0518	0.4665
45.6	0.8992	0.5130	0.4367	0.3417	0.6719	0.7689	0.1523	0.5339
45.7	0.8562	0.4420	0.4666	0.3717	0.6705	0.7992	0.2455	0.4108
45.8	0.9111	0.4354	0.5457	0.3144	0.6539	0.8571	0.3840	0.4331
45.9	0.8900	0.3477	0.5528	0.2213	0.5390	0.8290	0.4255	0.4630
46.0	0.9057	0.3341	0.6220	0.1514	0.4903	0.7645	0.4813	0.5194
46.1	0.8965	0.4523	0.5548	0.2228	0.5813	0.7116	0.4958	0.5771
46.2	0.8168	0.4227	0.3867	0.1919	0.5418	0.6098	0.4919	0.5410
46.3	0.8390	0.3731	0.4695	0.1199	0.5755	0.6458	0.5732	0.5391
46.4	0.8979	0.4479	0.5989	0.1516	0.5917	0.4300	0.7197	0.5841
46.5	0.8763	0.4524	0.5996	0.1576	0.6013	0.6598	0.7508	0.6149
46.6	0.9075	0.6278	0.7173	0.3201	0.7218	0.7822	0.8388	0.6626
46.7	0.9309	0.6055	0.7250	0.3020	0.7707	0.8605	0.8666	0.6169
46.8	0.8931	0.5114	0.6677	0.2482	0.7506	0.8571	0.8616	0.6089
46.9	0.8954	0.5077	0.6749	0.1503	0.7276	0.8770	0.8747	0.5986
47.0	0.8819	0.4460	0.7019	0.0605	0.6562	0.8446	0.8870	0.5683
47.1	0.8697	0.5715	0.7070	0.2061	0.7410	0.7667	0.8926	0.5153
47.2	0.9204	0.6892	0.8036	0.3055	0.8123	0.8569	0.9332	0.5304
47.3	0.9223	0.6017	0.6789	0.1789	0.7556	0.8035	0.9054	0.4794
47.4	0.9216	0.5889	0.6989	0.1102	0.7059	0.8055	0.9165	0.4180
47.5	0.9143	0.6573	0.7913	0.1651	0.7892	0.8614	0.9358	0.3458
47.6	0.9130	0.7939	0.8719	0.3747	0.8429	0.8976	0.9239	0.4719
47.7	0.9431	0.8337	0.9161	0.4168	0.8677	0.9019	0.9449	0.6203
47.8	0.9324	0.7976	0.8879	0.3822	0.8842	0.9217	0.9557	0.6091
47.9	0.9534	0.8284	0.9098	0.4180	0.8730	0.9244	0.9405	0.5671
48.0	0.9542	0.7803	0.9136	0.3255	0.8186	0.8664	0.9258	0.4690
48.1	0.9186	0.7726	0.8665	0.3946	0.7945	0.8013	0.9140	0.4864
48.2	0.8298	0.8281	0.8500	0.4343	0.8192	0.8797	0.8706	0.5294
48.3	0.8122	0.7417	0.8534	0.2709	0.8437	0.8987	0.8445	0.4284
48.4	0.8054	0.7084	0.7576	0.2147	0.8561	0.8815	0.8500	0.4510
48.5	0.8774	0.7420	0.8220	0.1853	0.8740	0.9157	0.8542	0.5994
48.6	0.8903	0.7649	0.8610	0.1792	0.8707	0.9167	0.8173	0.4907
48.7	0.8815	0.8011	0.8845	0.2575	0.8318	0.8732	0.7983	0.3901
48.8	0.8905	0.8450	0.9005	0.3442	0.8060	0.8490	0.6851	0.4842
48.9	0.8937	0.8526	0.8761	0.3716	0.8347	0.8362	0.6651	0.4622
49.0	0.8322	0.7997	0.7876	0.2997	0.8107	0.8664	0.5389	0.4201
49.1	0.8931	0.8434	0.8975	0.2705	0.8717	0.9123	0.6412	0.6001
49.2	0.8976	0.8697	0.8906	0.3696	0.8749	0.9075	0.6884	0.6726
49.3	0.8881	0.8023	0.8474	0.2698	0.8384	0.8956	0.6363	0.5539
49.4	0.8917	0.8292	0.8351	0.2589	0.8388	0.8961	0.5057	0.6735
49.5	0.8804	0.8232	0.7696	0.2623	0.8477	0.8961	0.5644	0.7207
49.6	0.8474	0.7771	0.6489	0.0491	0.8119	0.9195	0.4770	0.6434
49.7	0.9108	0.7744	0.7801	0.0480	0.8435	0.9421	0.4962	0.6454
49.8	0.8994	0.6597	0.8296	0.0917	0.8194	0.9201	0.4669	0.4983
49.9	0.8916	0.7003	0.8365	0.1898	0.7950	0.8451	0.3408	0.4857
50.0	0.8975	0.7315	0.8139	0.3701	0.8100	0.8457	0.3793	0.5712
50.1	0.9246	0.7473	0.7993	0.2618	0.7341	0.8809	0.3543	0.4803
50.2	0.9026	0.7784	0.7829	0.2496	0.7335	0.8803	0.3156	0.4428
50.3	0.9037	0.7675	0.8153	0.1349	0.7754	0.8632	0.3383	0.5675
50.4	0.9076	0.7031	0.8635	0.0940	0.7818	0.8720	0.4859	0.4388
50.5	0.9289	0.7462	0.9068	0.0842	0.8127	0.7968	0.6018	0.3640
50.6	0.9350	0.8044	0.9069	0.2248	0.7926	0.7023	0.6370	0.3421
50.7	0.9112	0.7386	0.8558	0.3289	0.8041	0.7193	0.5983	0.3296
50.8	0.9167	0.7104	0.8261	0.2776	0.7822	0.7703	0.6770	0.4047
50.9	0.9051	0.6408	0.8391	0.1673	0.7143	0.7321	0.6252	0.3358

51.0	0.8782	0.7144	0.8327	0.1779	0.7004	0.7474	0.6855	0.1562
51.1	0.8857	0.6661	0.7557	0.1477	0.6740	0.8023	0.7058	0.2475
51.2	0.8994	0.5924	0.8012	0.1155	0.6839	0.8408	0.7346	0.2947
51.3	0.8726	0.5936	0.7398	0.1887	0.7365	0.8286	0.7912	0.2460
51.4	0.8419	0.5473	0.5793	0.1852	0.7649	0.8061	0.8339	0.3447
51.5	0.9145	0.5966	0.6528	0.1703	0.7773	0.8169	0.8543	0.4270
51.6	0.9267	0.4710	0.7305	0.0247	0.7122	0.8153	0.8424	0.4303
51.7	0.8823	0.3684	0.7464	0.0065	0.5308	0.7207	0.7920	0.2214
51.8	0.8948	0.4521	0.8395	0.0619	0.5736	0.7744	0.8175	0.3849
51.9	0.8907	0.5217	0.8765	0.1495	0.6357	0.7468	0.8267	0.2488
52.0	0.8096	0.4965	0.8071	0.0317	0.6475	0.7870	0.8330	0.3644
52.1	0.7938	0.4432	0.8244	0.0288	0.6909	0.7848	0.8639	0.4638
52.2	0.8908	0.5338	0.8949	0.1025	0.6876	0.7326	0.8093	0.2799
52.3	0.9129	0.5381	0.9093	0.0846	0.5003	0.7050	0.7678	0.1856
52.4	0.9075	0.5107	0.8908	0.0774	0.6604	0.7258	0.8147	0.3895
52.5	0.9265	0.4146	0.8768	0.0168	0.7422	0.6781	0.8433	0.4518
52.6	0.9181	0.4432	0.8831	0.1163	0.7530	0.6551	0.8443	0.4830
52.7	0.9051	0.4730	0.8576	0.0369	0.6742	0.7041	0.8241	0.5608
52.8	0.8663	0.4869	0.8055	0.0604	0.7326	0.7226	0.8103	0.6471
52.9	0.8248	0.4421	0.6838	0.0072	0.6209	0.7863	0.7499	0.6342
53.0	0.8799	0.4772	0.7999	0.0506	0.5607	0.8450	0.6653	0.6913
53.1	0.9255	0.5246	0.8793	0.1313	0.7282	0.8315	0.6615	0.6451
53.2	0.8792	0.5515	0.8756	0.1385	0.5709	0.7799	0.6031	0.4373
53.3	0.8832	0.3240	0.8962	0.0575	0.5797	0.7297	0.5336	0.3465
53.4	0.8804	0.3512	0.8604	0.1030	0.6253	0.6258	0.5106	0.4820
53.5	0.8553	0.3959	0.8360	0.0975	0.6429	0.7072	0.5116	0.5928
53.6	0.8574	0.4283	0.8336	0.1796	0.5865	0.8166	0.6050	0.6415
53.7	0.8869	0.1814	0.8829	0.1096	0.5068	0.7607	0.5254	0.5054
53.8	0.8551	0.1550	0.8257	0.0328	0.4236	0.6334	0.3790	0.5454
53.9	0.8695	0.1225	0.8310	0.0330	0.3633	0.7372	0.4248	0.6041
54.0	0.9198	0.1703	0.9143	0.0998	0.4752	0.8125	0.5375	0.5507
54.1	0.8991	0.2075	0.8973	0.0430	0.5340	0.8056	0.6771	0.6175
54.2	0.8806	0.1326	0.8794	0.0411	0.6047	0.8264	0.7185	0.6989
54.3	0.8974	0.0824	0.8924	0.0291	0.6849	0.8462	0.7379	0.7376
54.4	0.9061	0.0354	0.9184	0.0350	0.5729	0.7976	0.6624	0.6661
54.5	0.8776	0.0072	0.9138	0.0550	0.4298	0.7437	0.5825	0.5743
54.6	0.9153	0.1754	0.9342	0.0199	0.6180	0.7874	0.6243	0.6471
54.7	0.8612	0.1612	0.9028	0.0118	0.5608	0.7523	0.5595	0.5801
54.8	0.8248	0.1520	0.9008	0.0453	0.6232	0.7526	0.5829	0.6848
54.9	0.7784	0.0864	0.8627	0.1034	0.4033	0.7142	0.5641	0.6215
55.0	0.8258	0.3040	0.9164	0.0218	0.4395	0.6983	0.6282	0.6156
55.1	0.8477	0.4934	0.9419	0.0235	0.5573	0.7178	0.7241	0.6771
55.2	0.7609	0.2881	0.9072	0.0295	0.4703	0.6448	0.6704	0.6808
55.3	0.7085	0.2814	0.9125	0.0197	0.4606	0.5654	0.4888	0.5892
55.4	0.6939	0.2874	0.9303	0.0125	0.4413	0.5771	0.4784	0.5681
55.5	0.7108	0.3534	0.9080	0.0107	0.5034	0.5435	0.5554	0.6515
55.6	0.6707	0.2894	0.8917	0.0554	0.5601	0.4874	0.4343	0.5850
55.7	0.7594	0.3229	0.8935	0.0036	0.5355	0.4568	0.4472	0.5882
55.8	0.7435	0.3411	0.9151	0.0352	0.4392	0.4605	0.4201	0.5412
55.9	0.6443	0.3775	0.8909	0.0517	0.6002	0.4396	0.4656	0.6820
56.0	0.5071	0.3336	0.8542	0.0651	0.5150	0.3448	0.4392	0.6731
56.1	0.4810	0.2139	0.8248	0.0088	0.3786	0.3853	0.3865	0.6043
56.2	0.5483	0.2796	0.8269	0.0543	0.4970	0.3480	0.3592	0.5576
56.3	0.4745	0.2549	0.8641	0.0525	0.5081	0.3017	0.3960	0.5737
56.4	0.4305	0.2487	0.8545	0.0639	0.4697	0.3136	0.4439	0.6746
56.5	0.5182	0.3189	0.8606	0.0276	0.4314	0.3008	0.4281	0.5679
56.6	0.5321	0.3616	0.8603	0.0291	0.3772	0.2916	0.3694	0.4976
56.7	0.4385	0.2796	0.8554	0.0326	0.3482	0.1915	0.3349	0.4424
56.8	0.4067	0.2536	0.8423	0.0102	0.3782	0.1946	0.4141	0.3959
56.9	0.4152	0.3981	0.8248	0.0038	0.2571	0.1332	0.3037	0.4305
57.0	0.4165	0.3274	0.8500	0.0299	0.2574	0.1475	0.2911	0.5226
57.1	0.4147	0.1967	0.8246	0.0163	0.3443	0.2860	0.3232	0.5910
57.2	0.3643	0.2355	0.7794	0.0059	0.2496	0.2791	0.2782	0.4970
57.3	0.3547	0.2256	0.7603	0.0022	0.2375	0.2509	0.2568	0.4879
57.4	0.3136	0.2614	0.7913	0.0381	0.2544	0.2082	0.2691	0.4704
57.5	0.3414	0.1557	0.7277	0.0522	0.2409	0.1940	0.2283	0.4366
57.6	0.4073	0.2726	0.7426	0.0425	0.3640	0.2479	0.1995	0.4194
57.7	0.3584	0.1927	0.7111	0.0218	0.2704	0.1905	0.2156	0.4293
57.8	0.2667	0.1214	0.7321	0.0234	0.2268	0.2800	0.2321	0.4637
57.9	0.2777	0.2333	0.7915	0.0018	0.1633	0.1636	0.1793	0.4234
58.0	0.3536	0.0891	0.6482	0.0754	0.1867	0.2477	0.2586	0.4826
58.1	0.3829	0.0788	0.6720	0.1702	0.2779	0.3183	0.3161	0.5472
58.2	0.3990	0.1034	0.6688	0.1287	0.3575	0.2333	0.2898	0.4821
58.3	0.2552	0.0657	0.5652	0.0678	0.2030	0.2504	0.2399	0.4235
58.4	0.1581	0.1259	0.6768	0.0380	0.0708	0.1454	0.1708	0.3588
58.5	0.1648	0.0793	0.5857	0.0180	0.0866	0.1827	0.1211	0.3968
58.6	0.1555	0.0546	0.5717	0.0162	0.0800	0.2468	0.2981	0.5602
58.7	0.1175	0.0415	0.5239	0.0342	0.0943	0.2321	0.3415	0.5390
58.8	0.1887	0.0747	0.5661	0.0005	0.1393	0.2752	0.2403	0.5309
58.9	0.2594	0.1563	0.6077	0.0081	0.1767	0.3238	0.1651	0.5602
59.0	0.2038	0.1143	0.5276	0.0006	0.1623	0.2022	0.0363	0.4186
59.1	0.2085	0.0424	0.5567	0.0313	0.1783	0.2060	0.0486	0.3461
59.2	0.2107	0.0243	0.4180	0.0378	0.2204	0.2381	0.0435	0.3009
59.3	0.0823	0.0515	0.4980	0.0488	0.1148	0.1669	0.0063	0.1698
59.4	0.2000	0.1611	0.6635	0.0005	0.1397	0.1472	0.0709	0.2709
59.5	0.3862	0.1438	0.6025	0.0454	0.2017	0.2313	0.1442	0.4498

59.6	0.3563	0.1407	0.5283	0.0904	0.1959	0.2112	0.1008	0.3598
59.7	0.3146	0.0760	0.3973	0.0957	0.2061	0.2038	0.0860	0.3012
59.8	0.2161	0.1090	0.4313	0.0163	0.1020	0.2766	0.0323	0.3485
59.9	0.2054	0.0340	0.0148	0.0178	0.0852	0.1253	0.0010	0.2966
60.0	0.2369	0.0494	0.0383	0.0494	0.1490	0.1454	0.0587	0.3550
60.1	0.3704	0.0260	0.0284	0.0453	0.2592	0.4800	0.1390	0.4405
60.2	0.3209	0.0559	0.4225	0.0721	0.2280	0.3896	0.2155	0.4330
60.3	0.2341	0.1725	0.4929	0.0639	0.1366	0.2085	0.1697	0.4684
60.4	0.2116	0.1341	0.4744	0.0612	0.1104	0.2787	0.1497	0.4722
60.5	0.2756	0.1295	0.4237	0.0637	0.1817	0.2892	0.1675	0.4419
60.6	0.2787	0.1416	0.4308	0.0449	0.2013	0.2956	0.0917	0.4124
60.7	0.2993	0.1461	0.3971	0.0237	0.1369	0.3118	0.0918	0.4590
60.8	0.2983	0.0864	0.3820	0.0988	0.2558	0.3103	0.2414	0.4550
60.9	0.2774	0.1350	0.4753	0.0452	0.1511	0.1991	0.1781	0.3500
61.0	0.4145	0.1867	0.4870	0.0679	0.1431	0.2075	0.1484	0.4111
61.1	0.4151	0.1661	0.4809	0.0994	0.2611	0.3136	0.1737	0.3875
61.2	0.2653	0.0710	0.3334	0.0677	0.2580	0.3032	0.1278	0.1939
61.3	0.3267	0.1302	0.3856	0.0809	0.2583	0.4032	0.1012	0.2417
61.4	0.3316	0.1518	0.3441	0.0460	0.2701	0.1763	0.2055	0.2288
61.5	0.3849	0.1316	0.2215	0.1043	0.4352	0.2420	0.2420	0.1718
61.6	0.2802	0.1143	0.3331	0.0243	0.3833	0.2327	0.0854	0.2074
61.7	0.2663	0.1792	0.4426	0.0186	0.3937	0.3426	0.1767	0.3230
61.8	0.3945	0.2161	0.3358	0.0417	0.5483	0.4520	0.2497	0.2250
61.9	0.5034	0.1483	0.3349	0.1013	0.5518	0.4178	0.4084	0.3058
62.0	0.3177	0.1161	0.2594	0.0346	0.4327	0.3375	0.2044	0.1937
62.1	0.3054	0.1389	0.3107	0.0531	0.5176	0.4966	0.1664	0.2440
62.2	0.2167	0.1394	0.2098	0.0372	0.4134	0.4615	0.2026	0.1404
62.3	0.2263	0.1340	0.2183	0.0283	0.3479	0.5159	0.1371	0.1796
62.4	0.3683	0.1021	0.2895	0.0686	0.4130	0.5646	0.2201	0.2197
62.5	0.4988	0.2301	0.4752	0.0583	0.5766	0.5252	0.3182	0.2767
62.6	0.3704	0.1651	0.3568	0.0722	0.4930	0.5531	0.2898	0.2155
62.7	0.3291	0.1482	0.2975	0.0642	0.4807	0.5149	0.2387	0.1333
62.8	0.4245	0.0996	0.3359	0.1406	0.5220	0.5167	0.3362	0.2591
62.9	0.4645	0.0932	0.3680	0.1260	0.5948	0.6337	0.3612	0.3202
63.0	0.3725	0.1266	0.4081	0.1382	0.5881	0.4668	0.2926	0.2274
63.1	0.2082	0.0833	0.2243	0.0269	0.4857	0.4931	0.2087	0.1100
63.2	0.2601	0.1474	0.2171	0.0406	0.4589	0.6654	0.2133	0.1101
63.3	0.3334	0.1187	0.2969	0.1443	0.4129	0.6315	0.2733	0.0801
63.4	0.1894	0.1158	0.2943	0.0376	0.4320	0.5831	0.1247	0.0259
63.5	0.1996	0.0829	0.3143	0.0590	0.3731	0.5593	0.1505	0.0812
63.6	0.1384	0.1681	0.3617	0.0525	0.4978	0.6075	0.0866	0.0243
63.7	0.2142	0.2404	0.3398	0.0583	0.5937	0.6791	0.2215	0.0233
63.8	0.2451	0.2009	0.3877	0.0702	0.5217	0.6954	0.2188	0.0346
63.9	0.2375	0.1818	0.3382	0.0413	0.4194	0.6641	0.1310	0.0034
64.0	0.2406	0.1048	0.2909	0.1324	0.5375	0.6676	0.1924	0.0431
64.1	0.2482	0.0528	0.4309	0.1308	0.4120	0.6698	0.1572	0.0181
64.2	0.2773	0.1247	0.5239	0.1067	0.3949	0.5740	0.0979	0.0146
64.3	0.2371	0.1160	0.3895	0.0974	0.3904	0.6298	0.0679	0.0005
64.4	0.1955	0.1132	0.4724	0.0776	0.3426	0.5734	0.0532	0.0039
64.5	0.2458	0.0937	0.5268	0.1279	0.2766	0.5967	0.0292	0.0116
64.6	0.1642	0.0623	0.3605	0.1411	0.2642	0.6001	0.0054	0.0581
64.7	0.1045	0.0664	0.2764	0.0909	0.2868	0.4819	0.0084	0.0001
64.8	0.0685	0.1188	0.2711	0.1042	0.3591	0.4314	0.0175	0.0027
64.9	0.0665	0.0804	0.3000	0.0918	0.3109	0.4554	0.0006	0.0281
65.0	0.1350	0.0389	0.3426	0.1202	0.3305	0.4486	0.0131	0.0536
65.1	0.0786	0.0280	0.2949	0.0737	0.2680	0.4142	0.0179	0.0292
65.2	0.0079	0.1126	0.3513	0.0876	0.3625	0.4561	0.1002	0.0230
65.3	0.1106	0.0476	0.3144	0.1873	0.3342	0.4496	0.0717	0.0211
65.4	0.0959	0.0617	0.3844	0.1047	0.3241	0.4890	0.0397	0.0345
65.5	0.0868	0.0585	0.4480	0.0888	0.3695	0.5522	0.0671	0.1173
65.6	0.0615	0.0446	0.3128	0.0689	0.3436	0.3639	0.1283	0.0232
65.7	0.1215	0.0341	0.3469	0.1146	0.2643	0.3639	0.1024	0.0040
65.8	0.1020	0.0591	0.3407	0.1007	0.2408	0.2455	0.2252	0.0151
65.9	0.0324	0.1116	0.2960	0.1406	0.3488	0.3924	0.1347	0.0949
66.0	0.1059	0.0190	0.3054	0.1254	0.2982	0.3433	0.1076	0.1471
66.1	0.1418	0.0130	0.3785	0.1742	0.4388	0.3982	0.1514	0.2054
66.2	0.0621	0.0590	0.3227	0.1160	0.3824	0.3420	0.2019	0.1613
66.3	0.0572	0.0673	0.1883	0.1420	0.2652	0.3406	0.1159	0.0659
66.4	0.1045	0.0280	0.2790	0.1118	0.4298	0.3740	0.0990	0.1580
66.5	0.0516	0.0370	0.2679	0.1262	0.5112	0.3265	0.0328	0.2452
66.6	0.0591	0.0510	0.2486	0.0604	0.4044	0.5408	0.0703	0.1726
66.7	0.0746	0.0560	0.2901	0.0554	0.4056	0.4701	0.0515	0.2547
66.8	0.0557	0.0588	0.2553	0.0598	0.3830	0.4350	0.0096	0.3495
66.9	0.0636	0.0331	0.2201	0.1155	0.3036	0.5180	0.0467	0.2901
67.0	0.0514	0.0145	0.2187	0.1383	0.2984	0.4107	0.0176	0.2525
67.1	0.0065	0.0816	0.1542	0.0829	0.3261	0.4044	0.0033	0.1733
67.2	0.0492	0.1229	0.2131	0.0593	0.4047	0.4164	0.0033	0.2287
67.3	0.1507	0.1711	0.3959	0.0057	0.4869	0.4180	0.0585	0.1375
67.4	0.2218	0.1946	0.3674	0.0046	0.4582	0.4788	0.0483	0.1379
67.5	0.2356	0.1741	0.3584	0.0120	0.4614	0.4789	0.0428	0.1781
67.6	0.1557	0.1392	0.2452	0.0502	0.3933	0.4588	0.0059	0.2347
67.7	0.0478	0.0514	0.1145	0.1175	0.2616	0.3114	0.0236	0.3135
67.8	0.0374	0.0366	0.0961	0.1842	0.1750	0.1948	0.0525	0.4376
67.9	0.0426	0.0119	0.1150	0.1315	0.2502	0.2030	0.0280	0.3151
68.0	0.0108	0.0701	0.1136	0.1085	0.2700	0.2010	0.0354	0.2413
68.1	0.0352	0.1337	0.0878	0.1228	0.3032	0.2078	0.1404	0.2817

68.2	0.2094	0.2411	0.2714	0.0460	0.3582	0.2133	0.0206	0.2386
68.3	0.2900	0.1708	0.3120	0.0369	0.3113	0.1775	0.0286	0.2991
68.4	0.3465	0.2352	0.3344	0.0176	0.3331	0.3431	0.0309	0.3426
68.5	0.1530	0.1073	0.2117	0.0766	0.2171	0.3051	0.0612	0.2442
68.6	0.1614	0.1218	0.2455	0.0547	0.2735	0.2729	0.0755	0.2786
68.7	0.2254	0.1507	0.2398	0.0371	0.2404	0.3018	0.0993	0.3256
68.8	0.1282	0.0934	0.1156	0.0469	0.0958	0.1743	0.0866	0.2799
68.9	0.1569	0.0562	0.1401	0.1046	0.1607	0.0823	0.1684	0.2226
69.0	0.2363	0.0999	0.2516	0.1162	0.3052	0.1836	0.1888	0.3262
69.1	0.2819	0.1329	0.3068	0.1331	0.3621	0.1806	0.2927	0.4326
69.2	0.2382	0.1293	0.2642	0.0882	0.3571	0.0987	0.2955	0.3087
69.3	0.2152	0.0921	0.1936	0.1428	0.3690	0.0954	0.2616	0.3173
69.4	0.2354	0.0570	0.1576	0.2229	0.3288	0.1257	0.2517	0.3535
69.5	0.3855	0.0477	0.4047	0.2206	0.4249	0.3011	0.2812	0.4069
69.6	0.4069	0.1385	0.4071	0.1218	0.4026	0.3356	0.2840	0.4214
69.7	0.3682	0.2280	0.2483	0.0721	0.3629	0.2911	0.2140	0.3305
69.8	0.3766	0.1490	0.3310	0.1898	0.4436	0.3087	0.3146	0.3465
69.9	0.4636	0.2020	0.4089	0.2707	0.5826	0.2651	0.4513	0.4464
70.0	0.3633	0.1783	0.2991	0.1655	0.4439	0.1205	0.3944	0.3576
70.1	0.1664	0.0412	0.1300	0.2885	0.4230	0.0804	0.3533	0.2686
70.2	0.2702	0.0552	0.2035	0.2750	0.5179	0.1182	0.4039	0.3464
70.3	0.2161	0.0351	0.1692	0.1992	0.3960	0.0670	0.3683	0.2159
70.4	0.3185	0.0864	0.2656	0.1885	0.3868	0.2146	0.3593	0.3036
70.5	0.3871	0.0931	0.3285	0.2365	0.4643	0.3146	0.3429	0.3098
70.6	0.4105	0.1378	0.3245	0.2815	0.5016	0.3632	0.2643	0.3904
70.7	0.3621	0.1523	0.3217	0.2940	0.4716	0.4002	0.2056	0.3572
70.8	0.3507	0.0604	0.2359	0.4220	0.5233	0.3418	0.3167	0.3820
70.9	0.3215	0.0833	0.1402	0.4338	0.4330	0.2735	0.2698	0.3931
71.0	0.4705	0.2207	0.2767	0.2240	0.4070	0.2214	0.1751	0.4264
71.1	0.4604	0.1989	0.2988	0.2639	0.4073	0.2102	0.2191	0.3239
71.2	0.4866	0.0887	0.3367	0.3791	0.4270	0.3120	0.1596	0.3266
71.3	0.5084	0.0816	0.3707	0.3382	0.4990	0.1947	0.3368	0.4221
71.4	0.5776	0.1668	0.4072	0.3287	0.5417	0.3047	0.2766	0.4924
71.5	0.5771	0.1932	0.3547	0.2479	0.3829	0.2436	0.2910	0.3494
71.6	0.5869	0.1410	0.3710	0.3314	0.4807	0.3354	0.3529	0.4224
71.7	0.5989	0.1672	0.3404	0.2860	0.5104	0.2743	0.4764	0.4611
71.8	0.5934	0.1199	0.4089	0.3424	0.3956	0.3793	0.5291	0.4456
71.9	0.7119	0.1787	0.5390	0.3496	0.4683	0.5196	0.6477	0.4965
72.0	0.7214	0.2137	0.5619	0.3422	0.5174	0.5766	0.6963	0.4720
72.1	0.7723	0.1905	0.5773	0.4078	0.5729	0.5283	0.7166	0.4785
72.2	0.7388	0.1613	0.5635	0.3417	0.6784	0.5411	0.6551	0.4652
72.3	0.7971	0.2939	0.6752	0.4000	0.7435	0.5804	0.7232	0.5744
72.4	0.7600	0.2531	0.6598	0.4247	0.6743	0.5728	0.7222	0.5263
72.5	0.7238	0.1613	0.5807	0.3751	0.6680	0.5155	0.6441	0.4443
72.6	0.7799	0.2003	0.6273	0.3462	0.7293	0.5897	0.7509	0.5553
72.7	0.8195	0.1308	0.6395	0.4645	0.8237	0.6654	0.7777	0.5948
72.8	0.8559	0.1702	0.7163	0.5176	0.8313	0.7239	0.7932	0.6233
72.9	0.8066	0.1033	0.6617	0.5153	0.7951	0.6954	0.7299	0.5360
73.0	0.8314	0.1544	0.6575	0.4295	0.7694	0.6563	0.7539	0.5961
73.1	0.8657	0.1781	0.7440	0.4981	0.8040	0.6342	0.7873	0.5489
73.2	0.8016	0.0724	0.6539	0.4877	0.7187	0.5409	0.6912	0.5262
73.3	0.8363	0.0749	0.6505	0.5112	0.7925	0.6557	0.7766	0.5987
73.4	0.8261	0.1084	0.6752	0.5034	0.7840	0.6944	0.7715	0.5955
73.5	0.8625	0.2082	0.7143	0.3822	0.8224	0.7128	0.8391	0.6543
73.6	0.8966	0.2478	0.7828	0.4422	0.8373	0.7391	0.8794	0.6851
73.7	0.8906	0.1707	0.7571	0.3861	0.8010	0.6943	0.8337	0.6765
73.8	0.8867	0.1826	0.7447	0.4304	0.8220	0.7155	0.8546	0.7453
73.9	0.8815	0.1295	0.7549	0.4813	0.8347	0.7777	0.8538	0.7071
74.0	0.8937	0.0991	0.7696	0.4995	0.8625	0.7993	0.8926	0.6506
74.1	0.9155	0.0941	0.7917	0.5254	0.8787	0.7741	0.9060	0.6644
74.2	0.9367	0.1937	0.8659	0.5839	0.8920	0.8065	0.9303	0.7730
74.3	0.9058	0.1139	0.8099	0.5959	0.8513	0.8174	0.8890	0.7103
74.4	0.9158	0.0350	0.8115	0.6703	0.8525	0.8058	0.8838	0.6567
74.5	0.9220	0.0180	0.8244	0.7131	0.8795	0.7684	0.9226	0.7365
74.6	0.9185	0.0816	0.8146	0.5808	0.8737	0.6765	0.8956	0.6390
74.7	0.8974	0.1256	0.7501	0.4315	0.8213	0.6211	0.8758	0.5250
74.8	0.9329	0.0599	0.8365	0.6151	0.8798	0.6942	0.9144	0.6558
74.9	0.9549	0.1231	0.8921	0.6966	0.8983	0.7243	0.9300	0.7362
75.0	0.9500	0.1244	0.8569	0.6093	0.8797	0.6059	0.9163	0.6574
75.1	0.9584	0.0894	0.8959	0.6199	0.9023	0.5858	0.9322	0.6433
75.2	0.9228	0.0578	0.8196	0.4778	0.8335	0.5619	0.8805	0.4225
75.3	0.9401	0.1086	0.8639	0.5217	0.9013	0.5666	0.9116	0.5088
75.4	0.9529	0.0156	0.8691	0.6316	0.9193	0.6073	0.9247	0.6120
75.5	0.9510	0.0176	0.8772	0.6169	0.9001	0.6956	0.9230	0.5706
75.6	0.9592	0.0448	0.9045	0.5755	0.9124	0.7204	0.9347	0.5672
75.7	0.9599	0.0430	0.9249	0.6373	0.9245	0.6813	0.9282	0.5718
75.8	0.9609	0.0643	0.9129	0.6249	0.9019	0.7111	0.9145	0.5649
75.9	0.9542	0.0270	0.8947	0.5335	0.8725	0.6275	0.9237	0.6192
76.0	0.9497	0.0318	0.8762	0.4233	0.8672	0.7357	0.9128	0.5679
76.1	0.9523	0.0403	0.8787	0.4382	0.8676	0.7871	0.9017	0.4975
76.2	0.9627	0.0563	0.9145	0.5051	0.8478	0.7604	0.9203	0.4740
76.3	0.9663	0.0786	0.9046	0.4603	0.8586	0.7482	0.9174	0.5189
76.4	0.9612	0.0465	0.8877	0.3848	0.8694	0.7171	0.9182	0.6455
76.5	0.9578	0.1089	0.8909	0.3978	0.8466	0.6154	0.8846	0.4807
76.6	0.9653	0.0476	0.9004	0.2659	0.8286	0.7478	0.9061	0.5250
76.7	0.9657	0.0019	0.9001	0.2242	0.8454	0.8072	0.8967	0.5396

76.8	0.9641	0.0418	0.8725	0.2601	0.8309	0.7978	0.8679	0.4712
76.9	0.9533	0.0389	0.8325	0.2599	0.8086	0.7631	0.8634	0.5275
77.0	0.9609	0.1291	0.8725	0.4162	0.7611	0.7479	0.8918	0.6636
77.1	0.9619	0.0934	0.8666	0.2800	0.7561	0.7749	0.9097	0.6880
77.2	0.9662	0.0658	0.9019	0.2109	0.7353	0.8503	0.8906	0.7263
77.3	0.9633	0.0068	0.8894	0.1956	0.5438	0.8663	0.8941	0.7454
77.4	0.9508	0.0494	0.8852	0.1362	0.3924	0.7939	0.8603	0.7278
77.5	0.9514	0.1300	0.8968	0.1906	0.2856	0.7693	0.8707	0.7818
77.6	0.9605	0.0592	0.8862	0.3443	0.2527	0.8137	0.8767	0.8081
77.7	0.9695	0.0766	0.9005	0.4729	0.4628	0.8526	0.8660	0.8247
77.8	0.9542	0.0497	0.8910	0.3776	0.4909	0.8756	0.8359	0.8183
77.9	0.9549	0.0473	0.8991	0.4142	0.6049	0.8417	0.8404	0.8435
78.0	0.9631	0.0996	0.9013	0.5875	0.6771	0.8218	0.8366	0.8312
78.1	0.9640	0.1701	0.9021	0.5427	0.7695	0.8177	0.8027	0.8359
78.2	0.9470	0.0633	0.8938	0.4325	0.7735	0.8347	0.7870	0.8583
78.3	0.9415	0.0896	0.8950	0.5046	0.8278	0.8773	0.7611	0.8968
78.4	0.9555	0.1840	0.9208	0.6563	0.8940	0.9045	0.7934	0.9135
78.5	0.9628	0.1886	0.9275	0.5574	0.8805	0.9352	0.7818	0.9027
78.6	0.9591	0.2010	0.9052	0.5001	0.8685	0.8853	0.6729	0.8734
78.7	0.9611	0.1703	0.9141	0.5342	0.8693	0.8796	0.6111	0.8941
78.8	0.9533	0.0906	0.9046	0.5720	0.8948	0.9001	0.6301	0.9131
78.9	0.9461	0.0890	0.9020	0.5434	0.8989	0.9021	0.4729	0.8822
79.0	0.9345	0.0419	0.9026	0.4824	0.8868	0.9087	0.4054	0.8911
79.1	0.9214	0.0976	0.9042	0.4220	0.8419	0.9024	0.3263	0.8791
79.2	0.9454	0.3820	0.9409	0.5780	0.8849	0.9150	0.3665	0.9030
79.3	0.9527	0.4014	0.9362	0.6126	0.8396	0.9257	0.3045	0.8746
79.4	0.9430	0.3824	0.9307	0.6339	0.8426	0.9307	0.3023	0.8533
79.5	0.9274	0.4214	0.9294	0.5840	0.8398	0.9101	0.2775	0.8625
79.6	0.9412	0.3173	0.9422	0.6382	0.8433	0.9290	0.2150	0.8898
79.7	0.9312	0.3335	0.9233	0.6426	0.8465	0.9255	0.2972	0.8830
79.8	0.9292	0.2647	0.9236	0.5397	0.8130	0.9226	0.1800	0.8519
79.9	0.9340	0.2807	0.9398	0.5254	0.8064	0.8863	0.2004	0.8745
80.0	0.9331	0.3002	0.9268	0.5825	0.7989	0.8789	0.2601	0.8620

2.2.107 Run 10 – IP270NVP – Accels 33–40

In-plane shaking at 270° with no vertical shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.8112	0.7684	0.7415	0.7351	0.9044	0.4981	0.5692	0.3966
0.1	0.6146	0.4833	0.5353	0.3553	0.7742	0.1936	0.2503	0.1169
0.2	0.0234	0.0164	0.0219	0.0338	0.0006	0.0040	0.0112	0.0076
0.3	0.0381	0.0951	0.0050	0.0281	0.0037	0.0062	0.0048	0.0215
0.4	0.0368	0.0719	0.0061	0.0144	0.0106	0.0012	0.0133	0.0136
0.5	0.0711	0.0829	0.0026	0.0021	0.0286	0.0252	0.0187	0.0085
0.6	0.0729	0.1162	0.0405	0.0053	0.0345	0.0098	0.0028	0.0052
0.7	0.0131	0.1779	0.0821	0.0143	0.0019	0.0153	0.0934	0.0118
0.8	0.0206	0.2794	0.0337	0.0268	0.0155	0.0209	0.0010	0.0353
0.9	0.0241	0.5005	0.0337	0.0041	0.0029	0.0118	0.0099	0.1694
1.0	0.0254	0.7676	0.0229	0.0106	0.0311	0.0311	0.0068	0.1289
1.1	0.0374	0.9286	0.0525	0.0222	0.0721	0.0568	0.0348	0.2197
1.2	0.2884	0.9460	0.0827	0.0720	0.2240	0.0441	0.0013	0.3369
1.3	0.3858	0.9209	0.2342	0.1683	0.4139	0.0132	0.0209	0.3788
1.4	0.3469	0.7968	0.3657	0.2059	0.5633	0.0720	0.3046	0.2701
1.5	0.4882	0.7925	0.7093	0.3797	0.6786	0.4339	0.5056	0.1098
1.6	0.6735	0.8937	0.8502	0.6224	0.8063	0.7858	0.5647	0.5397
1.7	0.7804	0.9245	0.7867	0.7792	0.8649	0.8299	0.6310	0.7564
1.8	0.8490	0.8663	0.7558	0.9008	0.8655	0.7643	0.5972	0.7820
1.9	0.8220	0.8198	0.7346	0.8839	0.8002	0.7225	0.4548	0.7539
2.0	0.6947	0.8000	0.6439	0.8111	0.8345	0.6167	0.5012	0.8106
2.1	0.7112	0.9196	0.7563	0.8544	0.9304	0.6879	0.6467	0.9580
2.2	0.6733	0.9410	0.7741	0.6357	0.9416	0.5709	0.6702	0.9591
2.3	0.2932	0.9634	0.4909	0.3535	0.9614	0.4584	0.3091	0.9434
2.4	0.2849	0.9748	0.1309	0.3841	0.9677	0.4477	0.2734	0.9440
2.5	0.4582	0.9828	0.1655	0.5561	0.9713	0.5620	0.4238	0.9159
2.6	0.8766	0.9907	0.4035	0.9189	0.9786	0.8266	0.7959	0.9030
2.7	0.9407	0.9925	0.5830	0.9493	0.9834	0.8181	0.8055	0.8787
2.8	0.9652	0.9942	0.6032	0.9688	0.9858	0.7232	0.7680	0.8524
2.9	0.9725	0.9947	0.5948	0.9710	0.9854	0.6977	0.7948	0.8465
3.0	0.9747	0.9966	0.6180	0.9776	0.9885	0.7321	0.8087	0.8519
3.1	0.9658	0.9964	0.5675	0.9784	0.9902	0.7338	0.6660	0.7962
3.2	0.9697	0.9980	0.7450	0.9848	0.9934	0.8428	0.6559	0.8443
3.3	0.9621	0.9975	0.7874	0.9790	0.9883	0.7892	0.6347	0.7726
3.4	0.9641	0.9977	0.8137	0.9800	0.9898	0.8660	0.6588	0.7379
3.5	0.9522	0.9977	0.8042	0.9807	0.9869	0.8572	0.5977	0.6845
3.6	0.9590	0.9985	0.8643	0.9834	0.9861	0.8962	0.6469	0.7767
3.7	0.9596	0.9989	0.8991	0.9876	0.9876	0.9281	0.7243	0.7756
3.8	0.9213	0.9983	0.8621	0.9826	0.9819	0.9018	0.6343	0.6510
3.9	0.9297	0.9987	0.8946	0.9851	0.9833	0.9244	0.6713	0.7169
4.0	0.9110	0.9984	0.8970	0.9828	0.9803	0.9178	0.3982	0.6418
4.1	0.9258	0.9985	0.9114	0.9820	0.9800	0.9236	0.3553	0.6496
4.2	0.9268	0.9989	0.9284	0.9822	0.9832	0.9324	0.4756	0.5901
4.3	0.9243	0.9993	0.9269	0.9859	0.9850	0.9528	0.5557	0.6443
4.4	0.9308	0.9995	0.9286	0.9856	0.9805	0.9576	0.6787	0.7314
4.5	0.8901	0.9994	0.9190	0.9871	0.9745	0.9568	0.7068	0.6231
4.6	0.8933	0.9994	0.9192	0.9890	0.9768	0.9556	0.6714	0.6445
4.7	0.9035	0.9995	0.9126	0.9893	0.9823	0.9584	0.5562	0.6588
4.8	0.9195	0.9996	0.9384	0.9884	0.9820	0.9753	0.6037	0.6929
4.9	0.8911	0.9996	0.9541	0.9873	0.9778	0.9763	0.6644	0.6330
5.0	0.8541	0.9995	0.9431	0.9851	0.9663	0.9687	0.5416	0.5599
5.1	0.8349	0.9995	0.9320	0.9867	0.9723	0.9648	0.3576	0.6398
5.2	0.8195	0.9994	0.9287	0.9845	0.9670	0.9676	0.3197	0.6086
5.3	0.8226	0.9991	0.9287	0.9826	0.9612	0.9715	0.3301	0.5537
5.4	0.6870	0.9989	0.9055	0.9696	0.9657	0.9709	0.2907	0.5764
5.5	0.5688	0.9984	0.8610	0.9588	0.9641	0.9649	0.2186	0.6032
5.6	0.4623	0.9982	0.8406	0.9594	0.9682	0.9738	0.3230	0.6509
5.7	0.4481	0.9976	0.8626	0.9566	0.9634	0.9733	0.3582	0.7142
5.8	0.4371	0.9968	0.8776	0.9509	0.9532	0.9670	0.3201	0.6359
5.9	0.5461	0.9966	0.8358	0.9497	0.9452	0.9628	0.2734	0.5406
6.0	0.5300	0.9960	0.8080	0.9411	0.9583	0.9463	0.2408	0.3814
6.1	0.6036	0.9971	0.8409	0.9549	0.9701	0.9545	0.3351	0.4147
6.2	0.7387	0.9975	0.8658	0.9736	0.9786	0.9635	0.4687	0.4329
6.3	0.8365	0.9978	0.8862	0.9795	0.9757	0.9689	0.5366	0.2901
6.4	0.8938	0.9982	0.9035	0.9840	0.9704	0.9688	0.6321	0.1914
6.5	0.8920	0.9987	0.8906	0.9826	0.9715	0.9664	0.5825	0.2323
6.6	0.8986	0.9983	0.8743	0.9863	0.9650	0.9619	0.4536	0.3249
6.7	0.9273	0.9987	0.8898	0.9888	0.9722	0.9680	0.3956	0.2557
6.8	0.9146	0.9988	0.8811	0.9832	0.9709	0.9723	0.4171	0.1367
6.9	0.8784	0.9988	0.8069	0.9693	0.9655	0.9629	0.3475	0.1516
7.0	0.8705	0.9988	0.7967	0.9452	0.9622	0.9656	0.3978	0.1518
7.1	0.8374	0.9986	0.7938	0.9219	0.9598	0.9597	0.4284	0.1144
7.2	0.7538	0.9990	0.7667	0.8831	0.9595	0.9655	0.3907	0.2201
7.3	0.4772	0.9991	0.6428	0.8181	0.9598	0.9679	0.1250	0.2014
7.4	0.1620	0.9989	0.4579	0.7736	0.9485	0.9721	0.0746	0.2076
7.5	0.1646	0.9989	0.2972	0.8199	0.9585	0.9755	0.1585	0.1835
7.6	0.3824	0.9989	0.5323	0.9127	0.9671	0.9722	0.2305	0.1624
7.7	0.5881	0.9988	0.6780	0.9375	0.9670	0.9719	0.4062	0.0655
7.8	0.7307	0.9992	0.7502	0.9438	0.9562	0.9719	0.4340	0.0333
7.9	0.7245	0.9991	0.7411	0.9314	0.9326	0.9531	0.4076	0.0403

8.0	0.7941	0.9990	0.6934	0.9406	0.9483	0.9568	0.3560	0.0026
8.1	0.8520	0.9992	0.7337	0.9615	0.9590	0.9617	0.3556	0.0170
8.2	0.8713	0.9991	0.6821	0.9673	0.9541	0.9505	0.1843	0.0685
8.3	0.8392	0.9989	0.5739	0.9542	0.9466	0.9271	0.0695	0.0792
8.4	0.8844	0.9993	0.7029	0.9675	0.9565	0.9478	0.1938	0.0269
8.5	0.8499	0.9992	0.6090	0.9558	0.9436	0.9297	0.2412	0.0392
8.6	0.8675	0.9989	0.5047	0.9695	0.9291	0.9318	0.1404	0.0263
8.7	0.9158	0.9990	0.6404	0.9791	0.9530	0.9525	0.1359	0.0094
8.8	0.8966	0.9989	0.4453	0.9722	0.9394	0.9123	0.1084	0.0148
8.9	0.8536	0.9986	0.5340	0.9631	0.9487	0.9159	0.0608	0.0142
9.0	0.8608	0.9985	0.6749	0.9650	0.9464	0.9254	0.0335	0.0030
9.1	0.8262	0.9972	0.5664	0.9446	0.9196	0.8850	0.0586	0.0035
9.2	0.8149	0.9971	0.5410	0.9326	0.9309	0.8836	0.1011	0.0035
9.3	0.7834	0.9971	0.6743	0.9048	0.9285	0.8586	0.2538	0.0027
9.4	0.7997	0.9957	0.8173	0.9162	0.9237	0.8813	0.3061	0.0861
9.5	0.6739	0.9925	0.8193	0.8396	0.9197	0.8172	0.2219	0.1533
9.6	0.6845	0.9943	0.8882	0.8209	0.9131	0.8115	0.0795	0.0835
9.7	0.4889	0.9919	0.9078	0.7454	0.9022	0.7118	0.0181	0.0816
9.8	0.4923	0.9916	0.9521	0.8410	0.9124	0.7644	0.0395	0.1429
9.9	0.2757	0.9891	0.9557	0.8393	0.9256	0.7396	0.1194	0.0785
10.0	0.2403	0.9832	0.9546	0.7840	0.9328	0.7555	0.1168	0.1460
10.1	0.5742	0.9886	0.9715	0.9189	0.9534	0.8504	0.1703	0.1961
10.2	0.6986	0.9902	0.9736	0.9473	0.9480	0.8994	0.0604	0.1165
10.3	0.7173	0.9926	0.9787	0.9637	0.9569	0.9403	0.0379	0.2217
10.4	0.7267	0.9894	0.9780	0.9563	0.9486	0.9389	0.1487	0.2517
10.5	0.7838	0.9920	0.9776	0.9609	0.9519	0.9158	0.3709	0.1923
10.6	0.7645	0.9936	0.9763	0.9556	0.9560	0.9091	0.4569	0.3786
10.7	0.7948	0.9902	0.9872	0.9661	0.9579	0.9356	0.5901	0.3972
10.8	0.8030	0.9890	0.9900	0.9751	0.9497	0.9484	0.6300	0.3709
10.9	0.7919	0.9905	0.9911	0.9700	0.9605	0.9591	0.6408	0.5651
11.0	0.8191	0.9916	0.9933	0.9625	0.9693	0.9664	0.6749	0.5812
11.1	0.8255	0.9896	0.9906	0.9399	0.9658	0.9660	0.5767	0.6337
11.2	0.8280	0.9875	0.9896	0.9270	0.9542	0.9661	0.4675	0.6312
11.3	0.8979	0.9915	0.9938	0.9585	0.9639	0.9765	0.4493	0.8051
11.4	0.8917	0.9893	0.9929	0.9554	0.9585	0.9777	0.5286	0.8488
11.5	0.9215	0.9930	0.9958	0.9658	0.9695	0.9853	0.5993	0.9217
11.6	0.8977	0.9914	0.9961	0.9596	0.9663	0.9839	0.5527	0.9032
11.7	0.9107	0.9924	0.9964	0.9654	0.9645	0.9856	0.5827	0.9033
11.8	0.9267	0.9948	0.9977	0.9803	0.9760	0.9911	0.6580	0.9079
11.9	0.9199	0.9951	0.9972	0.9796	0.9808	0.9927	0.7251	0.8121
12.0	0.9281	0.9958	0.9976	0.9829	0.9778	0.9948	0.7527	0.8099
12.1	0.9213	0.9946	0.9972	0.9814	0.9685	0.9949	0.6718	0.7231
12.2	0.9118	0.9937	0.9971	0.9803	0.9633	0.9946	0.6436	0.6993
12.3	0.9143	0.9926	0.9959	0.9800	0.9511	0.9944	0.6821	0.5504
12.4	0.9227	0.9916	0.9960	0.9809	0.9598	0.9940	0.7356	0.4494
12.5	0.9569	0.9928	0.9967	0.9852	0.9743	0.9953	0.7488	0.5560
12.6	0.9715	0.9933	0.9969	0.9804	0.9830	0.9958	0.8228	0.6404
12.7	0.9707	0.9910	0.9974	0.9675	0.9688	0.9951	0.8603	0.6389
12.8	0.9637	0.9890	0.9969	0.9525	0.9731	0.9939	0.8859	0.6022
12.9	0.9849	0.9934	0.9966	0.9546	0.9831	0.9926	0.8587	0.6552
13.0	0.9794	0.9931	0.9969	0.9383	0.9850	0.9927	0.8708	0.7229
13.1	0.9882	0.9960	0.9974	0.9258	0.9885	0.9929	0.8784	0.7081
13.2	0.9881	0.9967	0.9975	0.8892	0.9913	0.9898	0.8898	0.6581
13.3	0.9915	0.9981	0.9974	0.8620	0.9932	0.9921	0.9043	0.6592
13.4	0.9910	0.9980	0.9968	0.7845	0.9912	0.9925	0.9211	0.7035
13.5	0.9915	0.9979	0.9976	0.5945	0.9918	0.9922	0.9298	0.6956
13.6	0.9895	0.9978	0.9971	0.2598	0.9896	0.9934	0.9216	0.5734
13.7	0.9881	0.9987	0.9973	0.3419	0.9918	0.9943	0.9394	0.6400
13.8	0.9909	0.9990	0.9979	0.4784	0.9940	0.9949	0.9470	0.6639
13.9	0.9909	0.9994	0.9979	0.6224	0.9954	0.9961	0.9497	0.7107
14.0	0.9924	0.9994	0.9965	0.5908	0.9949	0.9959	0.9465	0.6804
14.1	0.9851	0.9993	0.9968	0.3933	0.9925	0.9960	0.9349	0.6478
14.2	0.9774	0.9994	0.9981	0.0134	0.9932	0.9967	0.9385	0.7398
14.3	0.9641	0.9990	0.9988	0.2972	0.9899	0.9959	0.8972	0.7536
14.4	0.9606	0.9986	0.9969	0.4703	0.9923	0.9944	0.8436	0.7517
14.5	0.9769	0.9986	0.9955	0.7268	0.9912	0.9907	0.8711	0.8079
14.6	0.9827	0.9983	0.9922	0.8197	0.9923	0.9850	0.9172	0.8331
14.7	0.9847	0.9984	0.9850	0.8065	0.9901	0.9733	0.9408	0.8264
14.8	0.9887	0.9990	0.9908	0.7943	0.9914	0.9761	0.9618	0.7892
14.9	0.9880	0.9989	0.9915	0.7634	0.9923	0.9596	0.9460	0.7493
15.0	0.9859	0.9985	0.9944	0.7722	0.9917	0.9450	0.9299	0.7234
15.1	0.9846	0.9985	0.9965	0.7094	0.9899	0.9214	0.9172	0.7509
15.2	0.9878	0.9988	0.9981	0.6319	0.9929	0.8982	0.9146	0.8351
15.3	0.9871	0.9989	0.9988	0.7420	0.9915	0.9206	0.9034	0.8686
15.4	0.9842	0.9989	0.9992	0.6942	0.9920	0.9557	0.8678	0.8970
15.5	0.9894	0.9991	0.9993	0.7355	0.9937	0.9798	0.8788	0.9256
15.6	0.9903	0.9987	0.9987	0.7599	0.9932	0.9835	0.8353	0.9315
15.7	0.9876	0.9984	0.9984	0.7133	0.9923	0.9895	0.7959	0.9316
15.8	0.9870	0.9987	0.9986	0.7436	0.9945	0.9902	0.8445	0.9244
15.9	0.9868	0.9983	0.9976	0.7726	0.9936	0.9928	0.8748	0.9329
16.0	0.9873	0.9982	0.9979	0.8554	0.9950	0.9946	0.9319	0.9540
16.1	0.9870	0.9982	0.9967	0.8912	0.9952	0.9929	0.9318	0.9482
16.2	0.9873	0.9979	0.9963	0.9162	0.9952	0.9930	0.9195	0.9491
16.3	0.9837	0.9976	0.9927	0.9115	0.9933	0.9891	0.9014	0.9467
16.4	0.9844	0.9987	0.9916	0.9323	0.9941	0.9896	0.8782	0.9295
16.5	0.9863	0.9979	0.9889	0.9014	0.9935	0.9909	0.8770	0.8884

16.6	0.9851	0.9975	0.9802	0.8050	0.9927	0.9880	0.7845	0.8206
16.7	0.9868	0.9977	0.9877	0.7840	0.9940	0.9918	0.7528	0.7760
16.8	0.9880	0.9971	0.9854	0.6115	0.9919	0.9855	0.5990	0.6377
16.9	0.9905	0.9961	0.9790	0.7532	0.9917	0.9864	0.6603	0.4615
17.0	0.9897	0.9970	0.9823	0.7231	0.9924	0.9921	0.6523	0.4658
17.1	0.9893	0.9951	0.9474	0.6098	0.9920	0.9826	0.1570	0.2649
17.2	0.9876	0.9966	0.9512	0.7575	0.9922	0.9890	0.1932	0.3185
17.3	0.9830	0.9967	0.9737	0.8378	0.9900	0.9883	0.5404	0.3335
17.4	0.9868	0.9981	0.9921	0.9344	0.9943	0.9944	0.8051	0.6449
17.5	0.9900	0.9977	0.9945	0.9448	0.9955	0.9960	0.7707	0.7720
17.6	0.9896	0.9977	0.9958	0.9512	0.9960	0.9948	0.6157	0.6934
17.7	0.9900	0.9970	0.9950	0.9530	0.9943	0.9920	0.3057	0.7734
17.8	0.9895	0.9977	0.9956	0.9706	0.9959	0.9896	0.1387	0.8191
17.9	0.9920	0.9978	0.9965	0.9792	0.9966	0.9914	0.6558	0.8292
18.0	0.9920	0.9977	0.9977	0.9694	0.9963	0.9926	0.7752	0.7837
18.1	0.9860	0.9963	0.9970	0.9714	0.9940	0.9935	0.7976	0.7970
18.2	0.9881	0.9960	0.9978	0.9860	0.9939	0.9951	0.8533	0.8532
18.3	0.9890	0.9952	0.9972	0.9834	0.9951	0.9956	0.7970	0.8225
18.4	0.9802	0.9937	0.9937	0.9722	0.9945	0.9884	0.7834	0.8285
18.5	0.9689	0.9941	0.9898	0.9674	0.9967	0.9882	0.8278	0.8933
18.6	0.9529	0.9931	0.9759	0.9137	0.9959	0.9772	0.8303	0.8759
18.7	0.9735	0.9921	0.9799	0.8593	0.9967	0.9822	0.8374	0.8871
18.8	0.9880	0.9917	0.9930	0.9354	0.9958	0.9928	0.8206	0.9068
18.9	0.9914	0.9880	0.9946	0.9759	0.9953	0.9968	0.8403	0.9025
19.0	0.9915	0.9814	0.9959	0.9797	0.9946	0.9961	0.7927	0.9120
19.1	0.9865	0.9736	0.9955	0.9815	0.9929	0.9947	0.6808	0.9115
19.2	0.9869	0.9736	0.9951	0.9820	0.9926	0.9956	0.6797	0.8356
19.3	0.9864	0.9640	0.9934	0.9759	0.9903	0.9950	0.6717	0.8175
19.4	0.9851	0.9558	0.9951	0.9847	0.9910	0.9943	0.5695	0.7916
19.5	0.9867	0.9302	0.9934	0.9822	0.9926	0.9942	0.5446	0.7932
19.6	0.9889	0.9205	0.9952	0.9877	0.9944	0.9960	0.5524	0.7510
19.7	0.9869	0.9196	0.9953	0.9885	0.9932	0.9955	0.5269	0.7204
19.8	0.9842	0.8556	0.9943	0.9848	0.9914	0.9916	0.3374	0.6710
19.9	0.9798	0.8498	0.9917	0.9847	0.9909	0.9918	0.3484	0.6682
20.0	0.9825	0.8220	0.9902	0.9803	0.9898	0.9900	0.2330	0.6276
20.1	0.9814	0.7971	0.9899	0.9790	0.9912	0.9891	0.0973	0.6425
20.2	0.9834	0.8392	0.9896	0.9815	0.9892	0.9914	0.0534	0.6498
20.3	0.9866	0.8828	0.9949	0.9836	0.9936	0.9940	0.1086	0.6911
20.4	0.9861	0.9298	0.9945	0.9831	0.9924	0.9934	0.0880	0.7354
20.5	0.9858	0.9366	0.9947	0.9832	0.9912	0.9939	0.2048	0.6869
20.6	0.9851	0.9515	0.9945	0.9836	0.9918	0.9927	0.1695	0.7565
20.7	0.9883	0.9723	0.9949	0.9881	0.9925	0.9933	0.2555	0.8366
20.8	0.9877	0.9680	0.9920	0.9848	0.9906	0.9890	0.3104	0.7896
20.9	0.9935	0.9753	0.9945	0.9892	0.9944	0.9942	0.5821	0.8427
21.0	0.9889	0.9744	0.9939	0.9872	0.9900	0.9927	0.6262	0.8382
21.1	0.9881	0.9753	0.9929	0.9872	0.9873	0.9906	0.6887	0.8356
21.2	0.9881	0.9839	0.9922	0.9895	0.9873	0.9908	0.6112	0.8764
21.3	0.9896	0.9769	0.9892	0.9901	0.9872	0.9919	0.6083	0.8982
21.4	0.9909	0.9794	0.9915	0.9922	0.9905	0.9921	0.5625	0.8936
21.5	0.9918	0.9829	0.9917	0.9931	0.9895	0.9913	0.5981	0.9082
21.6	0.9883	0.9824	0.9908	0.9947	0.9862	0.9900	0.5547	0.9106
21.7	0.9903	0.9755	0.9878	0.9942	0.9873	0.9889	0.3886	0.8847
21.8	0.9897	0.9792	0.9895	0.9940	0.9866	0.9909	0.3795	0.9301
21.9	0.9920	0.9794	0.9923	0.9947	0.9883	0.9918	0.3240	0.9397
22.0	0.9911	0.9780	0.9921	0.9952	0.9880	0.9907	0.3907	0.9443
22.1	0.9936	0.9787	0.9932	0.9968	0.9909	0.9920	0.3772	0.9559
22.2	0.9942	0.9767	0.9911	0.9963	0.9924	0.9930	0.3882	0.9600
22.3	0.9964	0.9809	0.9935	0.9977	0.9945	0.9943	0.5425	0.9654
22.4	0.9954	0.9750	0.9927	0.9975	0.9932	0.9944	0.3840	0.9648
22.5	0.9968	0.9751	0.9927	0.9979	0.9948	0.9963	0.4041	0.9719
22.6	0.9980	0.9855	0.9949	0.9984	0.9969	0.9975	0.4314	0.9745
22.7	0.9974	0.9817	0.9937	0.9980	0.9962	0.9969	0.3944	0.9636
22.8	0.9962	0.9773	0.9909	0.9972	0.9958	0.9969	0.4522	0.9687
22.9	0.9958	0.9631	0.9899	0.9971	0.9948	0.9958	0.4639	0.9748
23.0	0.9970	0.9532	0.9905	0.9977	0.9952	0.9962	0.5055	0.9760
23.1	0.9969	0.9461	0.9918	0.9967	0.9943	0.9959	0.3808	0.9692
23.2	0.9937	0.9013	0.9869	0.9942	0.9902	0.9950	0.2018	0.9572
23.3	0.9920	0.8726	0.9828	0.9920	0.9881	0.9926	0.1275	0.9603
23.4	0.9928	0.8137	0.9872	0.9933	0.9887	0.9922	0.1852	0.9643
23.5	0.9898	0.7510	0.9866	0.9929	0.9868	0.9901	0.2782	0.9627
23.6	0.9876	0.6278	0.9872	0.9914	0.9854	0.9899	0.2442	0.9632
23.7	0.9878	0.4303	0.9880	0.9914	0.9823	0.9905	0.3542	0.9508
23.8	0.9919	0.6216	0.9913	0.9931	0.9868	0.9919	0.3565	0.9580
23.9	0.9881	0.7738	0.9894	0.9906	0.9820	0.9915	0.1879	0.9460
24.0	0.9875	0.8618	0.9914	0.9920	0.9806	0.9899	0.2793	0.9285
24.1	0.9901	0.9261	0.9954	0.9945	0.9890	0.9946	0.4711	0.9452
24.2	0.9820	0.9325	0.9927	0.9927	0.9831	0.9918	0.4939	0.9395
24.3	0.9706	0.9507	0.9920	0.9922	0.9747	0.9909	0.7312	0.9230
24.4	0.9727	0.9630	0.9936	0.9944	0.9795	0.9928	0.7528	0.9278
24.5	0.9721	0.9705	0.9943	0.9934	0.9798	0.9939	0.7567	0.9162
24.6	0.9679	0.9721	0.9950	0.9933	0.9825	0.9942	0.7802	0.9082
24.7	0.9449	0.9630	0.9945	0.9902	0.9789	0.9937	0.7749	0.8984
24.8	0.9271	0.9604	0.9955	0.9897	0.9784	0.9930	0.7406	0.9168
24.9	0.9138	0.9658	0.9943	0.9906	0.9801	0.9935	0.6456	0.9327
25.0	0.9282	0.9748	0.9946	0.9882	0.9761	0.9944	0.7528	0.9162
25.1	0.9483	0.9832	0.9973	0.9914	0.9841	0.9957	0.8604	0.9356

25.2	0.9477	0.9836	0.9969	0.9914	0.9823	0.9951	0.8743	0.9317
25.3	0.9364	0.9820	0.9955	0.9816	0.9718	0.9957	0.8347	0.9224
25.4	0.9593	0.9881	0.9970	0.9776	0.9764	0.9966	0.8498	0.9235
25.5	0.9587	0.9861	0.9968	0.9737	0.9662	0.9968	0.8469	0.9067
25.6	0.9313	0.9855	0.9968	0.9651	0.9621	0.9971	0.8473	0.9050
25.7	0.8914	0.9868	0.9957	0.9575	0.9368	0.9970	0.8230	0.8638
25.8	0.9010	0.9913	0.9979	0.9768	0.9535	0.9977	0.8173	0.8738
25.9	0.7627	0.9870	0.9973	0.9617	0.9403	0.9977	0.7792	0.8625
26.0	0.5790	0.9899	0.9977	0.9748	0.9262	0.9978	0.8049	0.8755
26.1	0.8114	0.9912	0.9984	0.9850	0.8999	0.9974	0.7659	0.8824
26.2	0.9242	0.9926	0.9989	0.9915	0.9229	0.9979	0.7648	0.8719
26.3	0.9480	0.9913	0.9987	0.9930	0.9253	0.9979	0.7548	0.8843
26.4	0.9581	0.9879	0.9983	0.9919	0.9014	0.9972	0.6262	0.8406
26.5	0.9620	0.9886	0.9985	0.9925	0.9030	0.9972	0.6655	0.8532
26.6	0.9684	0.9889	0.9982	0.9934	0.9179	0.9968	0.6398	0.8615
26.7	0.9795	0.9918	0.9984	0.9940	0.9319	0.9977	0.4859	0.8670
26.8	0.9878	0.9933	0.9990	0.9949	0.9566	0.9981	0.2290	0.8847
26.9	0.9762	0.9884	0.9979	0.9924	0.9222	0.9972	0.0926	0.8459
27.0	0.9770	0.9854	0.9978	0.9893	0.9270	0.9956	0.2045	0.8857
27.1	0.9746	0.9865	0.9982	0.9910	0.9393	0.9962	0.5092	0.9183
27.2	0.9782	0.9852	0.9986	0.9899	0.9466	0.9961	0.6318	0.9209
27.3	0.9689	0.9762	0.9971	0.9839	0.9356	0.9935	0.6243	0.8718
27.4	0.9745	0.9824	0.9974	0.9867	0.9520	0.9943	0.6747	0.9045
27.5	0.9773	0.9825	0.9977	0.9870	0.9547	0.9948	0.7091	0.9147
27.6	0.9708	0.9748	0.9976	0.9803	0.9532	0.9952	0.5591	0.9367
27.7	0.9759	0.9801	0.9979	0.9838	0.9658	0.9961	0.6334	0.9518
27.8	0.9715	0.9778	0.9979	0.9823	0.9580	0.9962	0.6227	0.9450
27.9	0.9775	0.9828	0.9981	0.9860	0.9693	0.9964	0.6659	0.9549
28.0	0.9657	0.9722	0.9978	0.9787	0.9631	0.9925	0.6225	0.9388
28.1	0.9650	0.9730	0.9974	0.9806	0.9656	0.9928	0.6697	0.9409
28.2	0.9704	0.9761	0.9975	0.9833	0.9759	0.9938	0.6860	0.9473
28.3	0.9583	0.9672	0.9966	0.9782	0.9679	0.9903	0.5822	0.9415
28.4	0.9601	0.9680	0.9959	0.9775	0.9720	0.9883	0.5812	0.9342
28.5	0.9784	0.9836	0.9978	0.9889	0.9840	0.9928	0.6478	0.9613
28.6	0.9744	0.9809	0.9979	0.9880	0.9862	0.9929	0.6700	0.9563
28.7	0.9800	0.9845	0.9981	0.9901	0.9898	0.9951	0.6683	0.9667
28.8	0.9760	0.9849	0.9982	0.9906	0.9889	0.9956	0.7431	0.9609
28.9	0.9805	0.9883	0.9984	0.9933	0.9917	0.9964	0.8119	0.9656
29.0	0.9792	0.9889	0.9985	0.9938	0.9918	0.9963	0.8161	0.9666
29.1	0.9765	0.9875	0.9987	0.9931	0.9920	0.9962	0.8033	0.9686
29.2	0.9817	0.9902	0.9989	0.9949	0.9941	0.9972	0.7302	0.9692
29.3	0.9878	0.9928	0.9992	0.9962	0.9952	0.9972	0.7346	0.9685
29.4	0.9827	0.9885	0.9988	0.9936	0.9925	0.9965	0.6912	0.9599
29.5	0.9781	0.9873	0.9982	0.9935	0.9914	0.9954	0.7225	0.9447
29.6	0.9836	0.9899	0.9988	0.9947	0.9930	0.9969	0.8183	0.9567
29.7	0.9842	0.9905	0.9988	0.9950	0.9930	0.9965	0.8309	0.9363
29.8	0.9859	0.9913	0.9986	0.9952	0.9923	0.9942	0.8544	0.8931
29.9	0.9860	0.9912	0.9988	0.9951	0.9927	0.9896	0.8903	0.8773
30.0	0.9854	0.9908	0.9986	0.9949	0.9941	0.9941	0.8879	0.8878
30.1	0.9875	0.9926	0.9990	0.9959	0.9952	0.9977	0.9169	0.8950
30.2	0.9864	0.9926	0.9991	0.9964	0.9949	0.9979	0.9087	0.8461
30.3	0.9866	0.9926	0.9991	0.9962	0.9938	0.9968	0.9036	0.7900
30.4	0.9836	0.9920	0.9991	0.9962	0.9910	0.9969	0.8670	0.6993
30.5	0.9828	0.9903	0.9988	0.9958	0.9896	0.9968	0.8601	0.5250
30.6	0.9847	0.9905	0.9989	0.9950	0.9906	0.9970	0.9041	0.5473
30.7	0.9734	0.9857	0.9982	0.9934	0.9894	0.9967	0.8803	0.3881
30.8	0.9716	0.9856	0.9981	0.9938	0.9907	0.9969	0.8830	0.5263
30.9	0.9711	0.9834	0.9989	0.9925	0.9899	0.9975	0.9033	0.6264
31.0	0.9564	0.9751	0.9986	0.9883	0.9860	0.9966	0.8624	0.6808
31.1	0.9296	0.9640	0.9982	0.9845	0.9850	0.9965	0.8684	0.7578
31.2	0.9194	0.9582	0.9978	0.9823	0.9833	0.9963	0.8020	0.7380
31.3	0.9105	0.9524	0.9979	0.9779	0.9824	0.9951	0.8077	0.7307
31.4	0.8727	0.9388	0.9981	0.9709	0.9838	0.9959	0.8809	0.8357
31.5	0.8224	0.9213	0.9974	0.9628	0.9776	0.9945	0.8585	0.8173
31.6	0.8827	0.9472	0.9981	0.9750	0.9805	0.9968	0.8992	0.8792
31.7	0.8974	0.9542	0.9986	0.9756	0.9854	0.9975	0.9180	0.8844
31.8	0.8628	0.9435	0.9979	0.9685	0.9831	0.9971	0.9077	0.8838
31.9	0.8294	0.9348	0.9972	0.9636	0.9810	0.9964	0.8993	0.8806
32.0	0.6968	0.8959	0.9955	0.9414	0.9754	0.9953	0.8335	0.8793
32.1	0.6647	0.8896	0.9961	0.9373	0.9812	0.9956	0.8818	0.8916
32.2	0.6236	0.8800	0.9951	0.9266	0.9811	0.9941	0.8821	0.8685
32.3	0.4964	0.8602	0.9926	0.9113	0.9727	0.9915	0.8768	0.8770
32.4	0.4064	0.8272	0.9943	0.8795	0.9775	0.9942	0.8933	0.9005
32.5	0.2769	0.7732	0.9911	0.8380	0.9793	0.9926	0.8626	0.9007
32.6	0.1733	0.7149	0.9922	0.7815	0.9769	0.9941	0.8800	0.9191
32.7	0.0139	0.6125	0.9917	0.7024	0.9784	0.9943	0.8628	0.9330
32.8	0.0466	0.5501	0.9896	0.6799	0.9724	0.9930	0.8628	0.9406
32.9	0.0534	0.5008	0.9875	0.6746	0.9770	0.9910	0.7147	0.9200
33.0	0.2048	0.5451	0.9907	0.7662	0.9810	0.9937	0.7586	0.9264
33.1	0.3530	0.4374	0.9908	0.7656	0.9838	0.9938	0.7563	0.9370
33.2	0.5319	0.4097	0.9909	0.8156	0.9852	0.9935	0.7293	0.9391
33.3	0.6519	0.4955	0.9903	0.8613	0.9778	0.9919	0.7360	0.9406
33.4	0.6600	0.5432	0.9863	0.8681	0.9708	0.9887	0.7786	0.9539
33.5	0.5846	0.5256	0.9830	0.8505	0.9670	0.9870	0.7181	0.9369
33.6	0.5906	0.5685	0.9825	0.8464	0.9541	0.9840	0.7528	0.9281
33.7	0.7799	0.7916	0.9853	0.9118	0.9639	0.9865	0.8042	0.9414

33.8	0.8723	0.8927	0.9894	0.9473	0.9756	0.9905	0.8700	0.9491
33.9	0.9005	0.9320	0.9896	0.9645	0.9785	0.9909	0.8934	0.9615
34.0	0.9102	0.9437	0.9915	0.9692	0.9809	0.9922	0.9191	0.9686
34.1	0.8951	0.9416	0.9886	0.9680	0.9804	0.9885	0.8917	0.9498
34.2	0.8978	0.9525	0.9908	0.9755	0.9822	0.9895	0.8901	0.9497
34.3	0.9080	0.9667	0.9916	0.9835	0.9860	0.9902	0.8969	0.9564
34.4	0.9254	0.9718	0.9925	0.9847	0.9878	0.9932	0.9133	0.9678
34.5	0.9351	0.9822	0.9944	0.9907	0.9927	0.9939	0.8954	0.9761
34.6	0.8900	0.9784	0.9930	0.9892	0.9906	0.9937	0.8785	0.9757
34.7	0.8315	0.9769	0.9901	0.9882	0.9907	0.9892	0.8786	0.9620
34.8	0.8921	0.9804	0.9951	0.9906	0.9924	0.9942	0.9211	0.9751
34.9	0.9096	0.9803	0.9928	0.9911	0.9907	0.9933	0.9199	0.9771
35.0	0.9556	0.9855	0.9938	0.9919	0.9940	0.9939	0.9388	0.9816
35.1	0.9470	0.9792	0.9921	0.9872	0.9912	0.9923	0.9278	0.9782
35.2	0.9683	0.9843	0.9922	0.9902	0.9917	0.9923	0.9376	0.9851
35.3	0.9681	0.9798	0.9917	0.9893	0.9918	0.9916	0.9549	0.9826
35.4	0.9747	0.9825	0.9900	0.9888	0.9918	0.9900	0.9620	0.9822
35.5	0.9755	0.9831	0.9901	0.9888	0.9918	0.9901	0.9676	0.9846
35.6	0.9774	0.9851	0.9883	0.9881	0.9910	0.9886	0.9625	0.9818
35.7	0.9848	0.9884	0.9925	0.9889	0.9925	0.9942	0.9730	0.9870
35.8	0.9803	0.9835	0.9887	0.9842	0.9918	0.9914	0.9666	0.9836
35.9	0.9817	0.9844	0.9874	0.9850	0.9902	0.9908	0.9653	0.9843
36.0	0.9858	0.9888	0.9875	0.9890	0.9893	0.9921	0.9669	0.9831
36.1	0.9706	0.9754	0.9803	0.9759	0.9790	0.9882	0.9387	0.9680
36.2	0.9773	0.9815	0.9852	0.9816	0.9841	0.9919	0.9336	0.9769
36.3	0.9815	0.9847	0.9919	0.9853	0.9881	0.9959	0.9404	0.9811
36.4	0.9790	0.9842	0.9904	0.9848	0.9844	0.9948	0.9118	0.9708
36.5	0.9784	0.9861	0.9918	0.9874	0.9851	0.9946	0.8599	0.9673
36.6	0.9817	0.9896	0.9934	0.9911	0.9877	0.9954	0.8504	0.9759
36.7	0.9809	0.9912	0.9946	0.9927	0.9875	0.9950	0.8000	0.9708
36.8	0.9753	0.9907	0.9936	0.9925	0.9859	0.9950	0.7365	0.9694
36.9	0.9586	0.9893	0.9899	0.9934	0.9834	0.9931	0.5028	0.9510
37.0	0.9637	0.9903	0.9924	0.9929	0.9861	0.9948	0.6947	0.9368
37.1	0.9637	0.9930	0.9926	0.9946	0.9884	0.9953	0.8285	0.9430
37.2	0.9398	0.9926	0.9928	0.9954	0.9843	0.9956	0.8658	0.9450
37.3	0.9351	0.9940	0.9929	0.9947	0.9844	0.9957	0.8984	0.9402
37.4	0.8715	0.9908	0.9929	0.9923	0.9789	0.9948	0.8982	0.9206
37.5	0.8753	0.9932	0.9932	0.9941	0.9787	0.9955	0.9159	0.9112
37.6	0.6267	0.9900	0.9897	0.9920	0.9765	0.9946	0.9323	0.9068
37.7	0.3425	0.9939	0.9938	0.9962	0.9848	0.9969	0.9621	0.9361
37.8	0.0868	0.9923	0.9937	0.9959	0.9839	0.9965	0.9476	0.9180
37.9	0.2957	0.9928	0.9932	0.9941	0.9842	0.9966	0.9469	0.9259
38.0	0.6139	0.9909	0.9938	0.9945	0.9794	0.9965	0.9420	0.9358
38.1	0.6544	0.9925	0.9937	0.9958	0.9834	0.9966	0.9130	0.9390
38.2	0.7040	0.9932	0.9941	0.9955	0.9847	0.9967	0.9310	0.9547
38.3	0.8191	0.9906	0.9940	0.9940	0.9811	0.9971	0.9243	0.9500
38.4	0.8638	0.9887	0.9953	0.9928	0.9810	0.9972	0.9169	0.9683
38.5	0.8922	0.9896	0.9955	0.9922	0.9788	0.9973	0.9294	0.9675
38.6	0.9002	0.9913	0.9951	0.9905	0.9825	0.9969	0.9109	0.9533
38.7	0.9133	0.9858	0.9953	0.9930	0.9709	0.9970	0.9033	0.9478
38.8	0.9159	0.9869	0.9939	0.9880	0.9764	0.9955	0.9072	0.9530
38.9	0.9424	0.9892	0.9955	0.9889	0.9801	0.9969	0.9542	0.9733
39.0	0.9560	0.9876	0.9957	0.9905	0.9756	0.9974	0.9550	0.9742
39.1	0.9571	0.9843	0.9949	0.9907	0.9670	0.9968	0.9350	0.9744
39.2	0.9474	0.9769	0.9917	0.9872	0.9602	0.9946	0.9147	0.9692
39.3	0.9424	0.9831	0.9928	0.9812	0.9707	0.9951	0.9433	0.9717
39.4	0.9473	0.9850	0.9915	0.9749	0.9743	0.9939	0.9482	0.9719
39.5	0.9606	0.9793	0.9921	0.9801	0.9644	0.9943	0.9514	0.9745
39.6	0.9518	0.9742	0.9910	0.9777	0.9571	0.9935	0.9519	0.9781
39.7	0.9607	0.9727	0.9889	0.9759	0.9624	0.9904	0.9665	0.9721
39.8	0.9590	0.9699	0.9887	0.9698	0.9596	0.9904	0.9679	0.9773
39.9	0.9545	0.9633	0.9862	0.9599	0.9621	0.9896	0.9509	0.9732
40.0	0.9574	0.9544	0.9809	0.9591	0.9532	0.9897	0.9475	0.9654
40.1	0.9285	0.9399	0.9792	0.9399	0.9349	0.9909	0.9514	0.9711
40.2	0.9304	0.9494	0.9807	0.9345	0.9448	0.9899	0.9427	0.9695
40.3	0.9225	0.9263	0.9696	0.9221	0.9328	0.9852	0.9300	0.9626
40.4	0.9294	0.9215	0.9670	0.9198	0.9319	0.9853	0.9235	0.9663
40.5	0.9360	0.9231	0.9645	0.9112	0.9448	0.9832	0.9362	0.9582
40.6	0.9178	0.9277	0.9595	0.8643	0.9426	0.9794	0.9067	0.9401
40.7	0.9073	0.9237	0.9535	0.8010	0.9343	0.9825	0.9224	0.9484
40.8	0.8947	0.9132	0.9503	0.7752	0.9229	0.9818	0.9114	0.9562
40.9	0.8930	0.9239	0.9476	0.7587	0.9201	0.9819	0.8946	0.9576
41.0	0.7925	0.8798	0.9147	0.5320	0.8840	0.9797	0.8597	0.9224
41.1	0.8386	0.8573	0.9071	0.6008	0.8730	0.9797	0.9059	0.9366
41.2	0.8208	0.8350	0.8731	0.5623	0.8850	0.9749	0.8999	0.9405
41.3	0.7213	0.7916	0.8357	0.3623	0.8504	0.9498	0.8657	0.9169
41.4	0.6977	0.8231	0.8575	0.2463	0.8738	0.9586	0.8503	0.8999
41.5	0.6654	0.7645	0.8293	0.2370	0.8447	0.9634	0.8254	0.8985
41.6	0.7039	0.7143	0.7744	0.2850	0.8220	0.9545	0.8310	0.9013
41.7	0.6475	0.7141	0.7604	0.2275	0.8053	0.9442	0.8060	0.8941
41.8	0.5918	0.6615	0.7112	0.1949	0.7869	0.9260	0.7569	0.8686
41.9	0.5511	0.5443	0.7010	0.1818	0.7233	0.9355	0.7205	0.8523
42.0	0.4701	0.5930	0.7726	0.0464	0.7512	0.9609	0.7334	0.8450
42.1	0.5091	0.4912	0.6757	0.1025	0.6269	0.9387	0.7233	0.8109
42.2	0.5424	0.5018	0.6872	0.0909	0.6516	0.9325	0.7190	0.8258
42.3	0.3799	0.5898	0.7188	0.0586	0.7148	0.9227	0.6694	0.8032

42.4	0.2366	0.5090	0.5980	0.0125	0.6251	0.9066	0.5375	0.7663
42.5	0.1446	0.5007	0.5206	0.0304	0.5950	0.8865	0.4365	0.7786
42.6	0.0520	0.5483	0.5163	0.0837	0.6267	0.8715	0.3059	0.7319
42.7	0.2536	0.3932	0.6011	0.0321	0.6045	0.8896	0.3776	0.6719
42.8	0.3869	0.3876	0.6739	0.0948	0.5911	0.8910	0.4346	0.5980
42.9	0.3702	0.3701	0.6469	0.0753	0.5256	0.8838	0.5125	0.6343
43.0	0.3199	0.3893	0.6154	0.0370	0.4576	0.8696	0.6010	0.7177
43.1	0.2408	0.3024	0.5666	0.0293	0.3508	0.7868	0.5876	0.6651
43.2	0.1428	0.3384	0.4900	0.0036	0.3845	0.7049	0.4076	0.5506
43.3	0.2254	0.4691	0.6310	0.0517	0.4888	0.7717	0.3858	0.4723
43.4	0.2694	0.4060	0.5917	0.0869	0.4459	0.7043	0.3713	0.4346
43.5	0.2039	0.4648	0.6031	0.0345	0.5033	0.7076	0.4771	0.6312
43.6	0.2559	0.4678	0.7188	0.0207	0.5072	0.8066	0.6421	0.7473
43.7	0.1749	0.4341	0.6183	0.0731	0.3860	0.7283	0.4709	0.5427
43.8	0.2353	0.3572	0.6585	0.1127	0.2918	0.6695	0.4888	0.4292
43.9	0.1538	0.4905	0.6872	0.0208	0.2698	0.7659	0.5324	0.5384
44.0	0.1685	0.5577	0.6919	0.0007	0.2552	0.7515	0.5294	0.5927
44.1	0.2160	0.5065	0.7138	0.0072	0.2108	0.7057	0.5949	0.6336
44.2	0.2596	0.3027	0.7017	0.0565	0.0693	0.6626	0.5459	0.5029
44.3	0.4038	0.0452	0.7677	0.2258	0.2493	0.6900	0.5057	0.3789
44.4	0.4885	0.0215	0.8627	0.2658	0.1738	0.7924	0.6329	0.4642
44.5	0.3668	0.0304	0.8508	0.1378	0.0221	0.7274	0.6713	0.5045
44.6	0.3016	0.3383	0.8288	0.1251	0.0415	0.7645	0.6727	0.4998
44.7	0.3119	0.2913	0.8372	0.1045	0.0429	0.7956	0.6965	0.5373
44.8	0.2218	0.0561	0.8025	0.0735	0.0118	0.6441	0.6216	0.4554
44.9	0.2682	0.1452	0.7714	0.2055	0.1303	0.4802	0.4792	0.2621
45.0	0.2235	0.1502	0.7886	0.1867	0.1387	0.5589	0.5041	0.2252
45.1	0.1157	0.2745	0.8187	0.0934	0.0608	0.6964	0.5771	0.4120
45.2	0.1413	0.3427	0.8649	0.1524	0.1212	0.6804	0.5677	0.4018
45.3	0.0870	0.4729	0.8564	0.1084	0.0154	0.7070	0.5696	0.3640
45.4	0.0259	0.5118	0.8363	0.0113	0.0281	0.6824	0.5946	0.3453
45.5	0.0559	0.5018	0.8323	0.0697	0.0153	0.6009	0.4845	0.2533
45.6	0.1177	0.3604	0.8812	0.1070	0.0843	0.6303	0.5657	0.1986
45.7	0.1094	0.3117	0.8985	0.0861	0.0898	0.6401	0.6042	0.1640
45.8	0.1270	0.4167	0.9154	0.1400	0.0246	0.7938	0.6105	0.3730
45.9	0.1638	0.6217	0.8860	0.2482	0.0120	0.7914	0.5280	0.3856
46.0	0.1761	0.7552	0.9057	0.3354	0.0076	0.8292	0.4920	0.4805
46.1	0.1747	0.7702	0.9120	0.2344	0.0816	0.8266	0.5569	0.4215
46.2	0.2130	0.7414	0.8752	0.1810	0.0957	0.6938	0.4840	0.2463
46.3	0.0770	0.7683	0.9199	0.1391	0.1089	0.7405	0.4361	0.3332
46.4	0.1561	0.8082	0.9449	0.1708	0.1738	0.8446	0.4269	0.4765
46.5	0.2046	0.7184	0.9446	0.1714	0.1391	0.8240	0.4093	0.5049
46.6	0.3558	0.6097	0.9497	0.3283	0.2001	0.8612	0.4772	0.5080
46.7	0.4114	0.7200	0.9493	0.4452	0.1096	0.8912	0.4034	0.5825
46.8	0.3582	0.6806	0.9418	0.3897	0.1222	0.8457	0.4095	0.5662
46.9	0.3217	0.5448	0.9407	0.3900	0.0536	0.8679	0.3478	0.5632
47.0	0.3533	0.6090	0.9081	0.5073	0.0224	0.8816	0.2795	0.5668
47.1	0.4911	0.7478	0.9114	0.6606	0.2213	0.8622	0.2398	0.5152
47.2	0.6021	0.8913	0.9621	0.7732	0.4936	0.9200	0.3483	0.6776
47.3	0.5798	0.8516	0.9728	0.7200	0.4880	0.9273	0.4225	0.7077
47.4	0.6173	0.7233	0.9681	0.7001	0.5244	0.9370	0.3883	0.7154
47.5	0.6616	0.5102	0.9572	0.6233	0.5370	0.9374	0.4871	0.6897
47.6	0.6193	0.0854	0.9546	0.6123	0.4563	0.9271	0.6263	0.7876
47.7	0.6958	0.3215	0.9600	0.7761	0.4503	0.9524	0.5890	0.8584
47.8	0.7619	0.5040	0.9639	0.7814	0.5941	0.9518	0.5533	0.8521
47.9	0.6816	0.7819	0.9778	0.7975	0.5488	0.9670	0.6031	0.8595
48.0	0.5993	0.8681	0.9703	0.8153	0.5270	0.9758	0.4435	0.8575
48.1	0.7359	0.8043	0.9579	0.8593	0.3563	0.9451	0.2904	0.8394
48.2	0.7138	0.6925	0.9584	0.8419	0.4250	0.8915	0.2614	0.7298
48.3	0.6790	0.7155	0.9379	0.8533	0.3148	0.8844	0.0991	0.7105
48.4	0.7705	0.5230	0.8876	0.8817	0.0763	0.8570	0.0600	0.6836
48.5	0.7524	0.7084	0.9355	0.8792	0.2231	0.9112	0.1978	0.7538
48.6	0.7138	0.8311	0.9439	0.8775	0.3992	0.9415	0.4343	0.7720
48.7	0.6912	0.8184	0.9353	0.8911	0.4392	0.9480	0.3991	0.7506
48.8	0.6740	0.8007	0.9490	0.8830	0.5053	0.9488	0.3182	0.8071
48.9	0.7131	0.7950	0.9341	0.8906	0.4938	0.9451	0.2679	0.7894
49.0	0.7045	0.6781	0.8898	0.8545	0.4694	0.8962	0.3159	0.6590
49.1	0.8163	0.8392	0.9361	0.9191	0.6063	0.9309	0.4155	0.7691
49.2	0.8134	0.8470	0.9206	0.9337	0.5596	0.9452	0.4464	0.7753
49.3	0.8096	0.8312	0.9108	0.9400	0.5217	0.9549	0.4421	0.7341
49.4	0.7264	0.8066	0.9202	0.9214	0.5574	0.9462	0.4873	0.7499
49.5	0.6553	0.7340	0.9142	0.9051	0.5086	0.9349	0.4368	0.8178
49.6	0.7627	0.6993	0.8404	0.9063	0.4497	0.9099	0.2828	0.7107
49.7	0.8244	0.7278	0.9328	0.9317	0.4847	0.9466	0.2913	0.7776
49.8	0.7272	0.7963	0.9333	0.8909	0.5723	0.9426	0.3173	0.8268
49.9	0.4465	0.8104	0.8997	0.8628	0.5556	0.9329	0.3203	0.8284
50.0	0.4498	0.7943	0.8975	0.8827	0.6009	0.9346	0.4166	0.8230
50.1	0.5027	0.8389	0.9302	0.9095	0.7080	0.9640	0.4657	0.8636
50.2	0.5035	0.8332	0.9104	0.9311	0.6777	0.9633	0.3750	0.8411
50.3	0.6430	0.7654	0.9055	0.9100	0.4132	0.9631	0.4161	0.8417
50.4	0.7485	0.8028	0.9510	0.9101	0.4264	0.9689	0.2828	0.8739
50.5	0.6047	0.8008	0.9471	0.8986	0.5389	0.9702	0.3252	0.8992
50.6	0.4524	0.7780	0.9438	0.8706	0.5971	0.9631	0.3500	0.9225
50.7	0.3342	0.8666	0.9325	0.9266	0.7368	0.9457	0.3942	0.9057
50.8	0.2754	0.8107	0.9176	0.9091	0.6363	0.9415	0.3359	0.8966
50.9	0.2573	0.7808	0.9066	0.8709	0.5624	0.9306	0.2246	0.8694

51.0	0.2192	0.8262	0.9071	0.9383	0.6126	0.9284	0.3228	0.8578
51.1	0.2811	0.7548	0.9040	0.9388	0.4762	0.9396	0.1582	0.8850
51.2	0.2036	0.6259	0.9076	0.9070	0.2927	0.9527	0.1757	0.9161
51.3	0.1747	0.6372	0.8626	0.8394	0.3985	0.9102	0.1599	0.8777
51.4	0.2475	0.6226	0.8412	0.8355	0.4754	0.9002	0.0740	0.8346
51.5	0.2889	0.7284	0.9449	0.8910	0.6198	0.9595	0.0997	0.9202
51.6	0.2637	0.7287	0.9492	0.8903	0.6174	0.9635	0.0620	0.9303
51.7	0.1044	0.6058	0.9269	0.8289	0.4292	0.9474	0.0723	0.9032
51.8	0.1196	0.5836	0.9559	0.8374	0.3160	0.9653	0.1025	0.9021
51.9	0.3078	0.6473	0.9541	0.8787	0.4803	0.9446	0.1825	0.9122
52.0	0.4363	0.3956	0.9084	0.8482	0.1957	0.8758	0.0873	0.8440
52.1	0.4304	0.1628	0.8967	0.6126	0.2199	0.8484	0.1166	0.7804
52.2	0.3695	0.6774	0.9462	0.7889	0.6560	0.9386	0.1870	0.8950
52.3	0.3981	0.7443	0.9448	0.8557	0.6496	0.9533	0.0734	0.9175
52.4	0.4726	0.5494	0.9462	0.8019	0.4980	0.9417	0.0852	0.8858
52.5	0.4342	0.7702	0.9642	0.8516	0.6833	0.9641	0.1026	0.9313
52.6	0.2200	0.8725	0.9586	0.9169	0.7396	0.9560	0.2104	0.9363
52.7	0.1465	0.7861	0.9348	0.8884	0.6524	0.9410	0.1088	0.9205
52.8	0.3922	0.7256	0.9330	0.8721	0.5894	0.9104	0.0792	0.9061
52.9	0.1701	0.6192	0.9259	0.7993	0.5209	0.9017	0.0702	0.8836
53.0	0.0674	0.6871	0.9716	0.8435	0.6242	0.9518	0.0814	0.9207
53.1	0.3022	0.6306	0.9805	0.8459	0.5065	0.9616	0.1908	0.9406
53.2	0.5018	0.1678	0.9649	0.7103	0.1429	0.9464	0.1513	0.9174
53.3	0.5403	0.2980	0.9388	0.6205	0.4257	0.9322	0.1133	0.8908
53.4	0.3973	0.6478	0.9180	0.7650	0.7026	0.9110	0.0926	0.8795
53.5	0.3450	0.7275	0.9094	0.8474	0.6535	0.9013	0.0426	0.8788
53.6	0.5247	0.5886	0.9292	0.8470	0.5202	0.9191	0.1432	0.9125
53.7	0.5669	0.0339	0.9477	0.4834	0.0975	0.9485	0.1248	0.9034
53.8	0.4886	0.4108	0.9245	0.2467	0.4773	0.9302	0.0549	0.8817
53.9	0.4270	0.7136	0.9300	0.6916	0.7097	0.9309	0.1670	0.8955
54.0	0.5061	0.8189	0.9584	0.8410	0.8158	0.9583	0.2358	0.9319
54.1	0.3942	0.8223	0.9513	0.8623	0.8292	0.9584	0.0922	0.9482
54.2	0.4883	0.7853	0.9270	0.8794	0.8022	0.9288	0.0594	0.9178
54.3	0.5349	0.8093	0.9407	0.9035	0.7883	0.9285	0.0894	0.9061
54.4	0.6074	0.7716	0.9504	0.8804	0.7409	0.9455	0.1301	0.8949
54.5	0.6424	0.7414	0.9451	0.8346	0.7445	0.9292	0.1625	0.8705
54.6	0.6363	0.8304	0.9665	0.8797	0.8404	0.9561	0.1519	0.9210
54.7	0.5507	0.7231	0.9226	0.7926	0.7691	0.9375	0.1225	0.8915
54.8	0.5932	0.6971	0.9007	0.7796	0.6607	0.9334	0.0244	0.8702
54.9	0.5309	0.6918	0.8729	0.7441	0.6878	0.9145	0.0212	0.8286
55.0	0.6992	0.7440	0.9085	0.8169	0.7355	0.9392	0.0378	0.8728
55.1	0.8213	0.7450	0.9282	0.8346	0.7048	0.9560	0.0925	0.9051
55.2	0.7572	0.7014	0.9173	0.7923	0.6493	0.9463	0.0166	0.8707
55.3	0.7729	0.7253	0.9054	0.8006	0.6287	0.9256	0.0317	0.8452
55.4	0.8239	0.7501	0.8820	0.8086	0.6715	0.9239	0.0188	0.8564
55.5	0.8228	0.6700	0.8706	0.7660	0.6547	0.9149	0.0224	0.8498
55.6	0.7779	0.6887	0.8799	0.7465	0.5737	0.9228	0.0076	0.8573
55.7	0.8177	0.6569	0.8929	0.7503	0.6523	0.9327	0.0486	0.8576
55.8	0.8696	0.6250	0.8517	0.7407	0.6404	0.9385	0.0799	0.8492
55.9	0.8114	0.6470	0.8395	0.7333	0.5138	0.9236	0.0168	0.8445
56.0	0.7288	0.5608	0.8374	0.6761	0.4637	0.9014	0.0081	0.8347
56.1	0.7289	0.5094	0.7547	0.6368	0.4718	0.8788	0.0191	0.7516
56.2	0.7455	0.5202	0.7754	0.6394	0.4085	0.8795	0.0277	0.7467
56.3	0.7773	0.5152	0.7769	0.5678	0.4016	0.8705	0.0491	0.7708
56.4	0.7345	0.5462	0.6500	0.5782	0.2991	0.8516	0.0516	0.8015
56.5	0.7357	0.5325	0.5629	0.6859	0.3296	0.8677	0.0794	0.7690
56.6	0.8238	0.4870	0.6358	0.6560	0.4031	0.8917	0.1300	0.7349
56.7	0.8033	0.4030	0.6140	0.5626	0.3458	0.8617	0.0789	0.7164
56.8	0.6945	0.2931	0.4729	0.5421	0.1935	0.8143	0.0050	0.6785
56.9	0.6985	0.1989	0.4643	0.4721	0.2110	0.7956	0.0543	0.6638
57.0	0.6594	0.3451	0.5447	0.5474	0.2509	0.8164	0.0564	0.7316
57.1	0.5940	0.2652	0.3653	0.4836	0.2565	0.8275	0.0150	0.7641
57.2	0.5759	0.1776	0.1540	0.3450	0.3116	0.7658	0.1025	0.6855
57.3	0.6163	0.2064	0.2214	0.3871	0.2290	0.8099	0.0631	0.5801
57.4	0.6914	0.2413	0.3537	0.3555	0.1406	0.7902	0.0253	0.6296
57.5	0.6226	0.3017	0.2389	0.3473	0.1410	0.6766	0.0176	0.6224
57.6	0.6251	0.2759	0.2723	0.3701	0.2046	0.6860	0.0710	0.6654
57.7	0.6258	0.2293	0.2399	0.3688	0.1714	0.7261	0.0960	0.6257
57.8	0.6792	0.2129	0.1928	0.2809	0.2889	0.7203	0.0609	0.6449
57.9	0.7071	0.1056	0.1612	0.3499	0.2147	0.7578	0.1137	0.6029
58.0	0.5308	0.2076	0.2023	0.3669	0.1294	0.6637	0.0082	0.4890
58.1	0.5631	0.3357	0.1743	0.4263	0.0781	0.6339	0.0020	0.5357
58.2	0.5728	0.2832	0.2627	0.4968	0.1073	0.6205	0.0130	0.5861
58.3	0.4901	0.1505	0.1884	0.3103	0.1048	0.5910	0.0073	0.5047
58.4	0.5915	0.0532	0.1685	0.2101	0.1049	0.6699	0.0302	0.4877
58.5	0.5661	0.0721	0.1934	0.2402	0.1537	0.5770	0.0320	0.4195
58.6	0.5775	0.1079	0.2401	0.2260	0.2275	0.5660	0.0219	0.4230
58.7	0.5619	0.0712	0.3012	0.1641	0.2726	0.5169	0.0380	0.4245
58.8	0.5405	0.0522	0.2774	0.2478	0.2966	0.5162	0.0633	0.4510
58.9	0.5513	0.0681	0.3293	0.2921	0.3211	0.5192	0.0671	0.4785
59.0	0.5836	0.0561	0.3548	0.2247	0.2561	0.5102	0.0199	0.3355
59.1	0.5496	0.0493	0.3996	0.2196	0.2398	0.5063	0.0286	0.4222
59.2	0.4036	0.0609	0.3132	0.1733	0.1373	0.3920	0.0264	0.3740
59.3	0.5163	0.0185	0.3115	0.0727	0.1435	0.3776	0.0584	0.3006
59.4	0.6345	0.0062	0.4226	0.2591	0.1925	0.4474	0.0911	0.3761
59.5	0.6183	0.0416	0.5915	0.3413	0.2395	0.3798	0.0766	0.5215

59.6	0.5832	0.0613	0.4772	0.3408	0.1152	0.4291	0.0177	0.4391
59.7	0.4885	0.0451	0.3822	0.2316	0.0463	0.4708	0.0193	0.2858
59.8	0.5579	0.0075	0.3722	0.1661	0.0678	0.4359	0.0448	0.3141
59.9	0.6705	0.0533	0.3888	0.2766	0.2023	0.5883	0.1535	0.4369
60.0	0.5228	0.0157	0.2722	0.2090	0.1988	0.4855	0.0290	0.3617
60.1	0.5917	0.0614	0.4753	0.1989	0.1053	0.2809	0.0087	0.3628
60.2	0.6442	0.0118	0.5216	0.1276	0.1866	0.3022	0.0418	0.3247
60.3	0.6944	0.0137	0.5603	0.0531	0.2129	0.3790	0.1000	0.3685
60.4	0.6506	0.0102	0.5058	0.0386	0.1638	0.2517	0.0508	0.3085
60.5	0.6495	0.0094	0.5057	0.0585	0.1807	0.3101	0.0478	0.2683
60.6	0.6531	0.0015	0.5341	0.0617	0.1707	0.2726	0.0749	0.3093
60.7	0.5713	0.0005	0.4903	0.1146	0.1134	0.2494	0.0905	0.3000
60.8	0.6299	0.0390	0.5510	0.0452	0.1035	0.2354	0.0489	0.2430
60.9	0.6321	0.0021	0.5441	0.0573	0.1027	0.3248	0.0799	0.3061
61.0	0.6319	0.0339	0.5729	0.1868	0.1227	0.4184	0.0910	0.3109
61.1	0.6872	0.0091	0.5682	0.1044	0.0861	0.3285	0.1031	0.2913
61.2	0.5891	0.0278	0.4349	0.0399	0.0274	0.2983	0.0249	0.1145
61.3	0.5275	0.0010	0.4563	0.1182	0.0344	0.2781	0.0448	0.1801
61.4	0.5568	0.0166	0.4602	0.1429	0.0869	0.3950	0.0579	0.1669
61.5	0.6564	0.0934	0.4815	0.0621	0.1543	0.4630	0.1196	0.1211
61.6	0.6211	0.0278	0.4427	0.0695	0.0561	0.3778	0.0565	0.1248
61.7	0.5834	0.0221	0.4868	0.1011	0.0678	0.3144	0.0932	0.2033
61.8	0.6467	0.0619	0.5230	0.0674	0.0890	0.3981	0.1261	0.1995
61.9	0.5994	0.0236	0.5175	0.0910	0.0844	0.3904	0.0699	0.1766
62.0	0.5274	0.0206	0.4076	0.1160	0.0212	0.3986	0.0405	0.1030
62.1	0.6213	0.0331	0.4610	0.1643	0.0255	0.5081	0.1075	0.1416
62.2	0.5401	0.0594	0.3732	0.0832	0.0669	0.3645	0.0898	0.0896
62.3	0.5159	0.0786	0.4232	0.1046	0.0679	0.4491	0.0867	0.0899
62.4	0.5234	0.0498	0.4839	0.1069	0.0290	0.4727	0.0895	0.1750
62.5	0.6366	0.1364	0.6760	0.1194	0.0873	0.6033	0.2368	0.3824
62.6	0.5722	0.0791	0.5719	0.0256	0.0501	0.5120	0.1549	0.2356
62.7	0.5192	0.0732	0.4918	0.0378	0.0558	0.4584	0.1991	0.2107
62.8	0.4370	0.0268	0.5211	0.0335	0.0104	0.4674	0.1230	0.2150
62.9	0.4552	0.0338	0.5472	0.1102	0.0137	0.5218	0.1159	0.2331
63.0	0.4745	0.0846	0.5130	0.0719	0.0354	0.4664	0.1324	0.2554
63.1	0.4695	0.0796	0.3799	0.1155	0.0173	0.3995	0.0824	0.0912
63.2	0.5726	0.1289	0.4413	0.1301	0.0580	0.4627	0.1340	0.0721
63.3	0.5395	0.0873	0.4687	0.0530	0.0785	0.4154	0.0649	0.0721
63.4	0.4961	0.1144	0.4513	0.0774	0.0291	0.5173	0.1026	0.1085
63.5	0.4159	0.0381	0.3871	0.0300	0.0010	0.3567	0.0618	0.0960
63.6	0.4987	0.0696	0.4608	0.1399	0.0104	0.4716	0.0731	0.0606
63.7	0.6383	0.2589	0.6329	0.2567	0.0722	0.7157	0.2863	0.2377
63.8	0.6132	0.2133	0.5878	0.1828	0.1035	0.6115	0.1742	0.1540
63.9	0.5793	0.1945	0.5802	0.1552	0.0224	0.6056	0.1999	0.1896
64.0	0.5140	0.1892	0.5652	0.1632	0.0013	0.6727	0.2485	0.1511
64.1	0.4799	0.1210	0.5825	0.1123	0.0021	0.6071	0.1549	0.0874
64.2	0.4649	0.1147	0.6254	0.1584	0.0141	0.5591	0.1593	0.2067
64.3	0.4533	0.1313	0.5074	0.2584	0.0077	0.5433	0.1414	0.1017
64.4	0.4333	0.1055	0.5954	0.1023	0.0140	0.5987	0.1351	0.1573
64.5	0.5075	0.1261	0.6143	0.2242	0.0024	0.5861	0.0984	0.1081
64.6	0.5190	0.1862	0.4898	0.1709	0.0208	0.5631	0.2031	0.0706
64.7	0.4372	0.1152	0.4524	0.0845	0.0002	0.5644	0.1318	0.0819
64.8	0.4273	0.0934	0.3776	0.0892	0.0174	0.5123	0.1251	0.0571
64.9	0.4071	0.0866	0.3647	0.1140	0.0019	0.4762	0.0942	0.0533
65.0	0.4962	0.1158	0.4866	0.0982	0.0273	0.5825	0.1205	0.1172
65.1	0.4015	0.0761	0.4307	0.1034	0.0032	0.6257	0.1282	0.0573
65.2	0.3633	0.0361	0.3642	0.1648	0.0238	0.6300	0.0702	0.0110
65.3	0.4065	0.0745	0.5069	0.1143	0.0262	0.6356	0.1490	0.0687
65.4	0.3973	0.0794	0.5023	0.1307	0.0196	0.5033	0.1644	0.0490
65.5	0.2836	0.0292	0.4975	0.1151	0.0466	0.4720	0.0922	0.0142
65.6	0.3910	0.1061	0.5073	0.0982	0.0022	0.6044	0.1228	0.1158
65.7	0.4963	0.1279	0.5241	0.1759	0.0028	0.5321	0.0876	0.0835
65.8	0.4738	0.0662	0.4403	0.1220	0.0045	0.4141	0.0530	0.0826
65.9	0.3999	0.0582	0.3115	0.1947	0.0299	0.4156	0.0722	0.0113
66.0	0.3716	0.0755	0.3993	0.2315	0.0279	0.4059	0.1764	0.0177
66.1	0.4298	0.0670	0.4501	0.2349	0.0241	0.4348	0.1868	0.0286
66.2	0.4960	0.0834	0.4188	0.2055	0.0215	0.4565	0.0593	0.0432
66.3	0.4836	0.0669	0.3882	0.1335	0.0219	0.4804	0.0589	0.0678
66.4	0.4874	0.0983	0.4243	0.2025	0.0107	0.4527	0.1856	0.0772
66.5	0.4594	0.0341	0.4242	0.1085	0.0190	0.4337	0.1593	0.0863
66.6	0.4462	0.0770	0.4557	0.1640	0.0076	0.4869	0.1188	0.0685
66.7	0.4958	0.0821	0.3966	0.2071	0.0098	0.3914	0.0940	0.0401
66.8	0.4686	0.1076	0.3141	0.2261	0.0002	0.3568	0.1161	0.0238
66.9	0.4531	0.0949	0.3417	0.2152	0.0174	0.4215	0.1483	0.0181
67.0	0.3185	0.0382	0.3785	0.1450	0.0363	0.4893	0.1244	0.0234
67.1	0.3318	0.0401	0.2510	0.1422	0.0627	0.4512	0.1049	0.0335
67.2	0.3397	0.0695	0.2763	0.2849	0.0396	0.4750	0.1179	0.0132
67.3	0.4118	0.0445	0.3352	0.3235	0.0640	0.3377	0.0865	0.0277
67.4	0.3497	0.0320	0.3422	0.3232	0.0609	0.3290	0.1225	0.0343
67.5	0.2723	0.0439	0.2690	0.3813	0.0092	0.3319	0.2265	0.0366
67.6	0.2798	0.1074	0.2477	0.3973	0.0013	0.4704	0.1037	0.0201
67.7	0.2042	0.0910	0.2233	0.2409	0.0081	0.4334	0.0355	0.0184
67.8	0.1111	0.0353	0.2892	0.1844	0.0777	0.4689	0.0037	0.0262
67.9	0.1572	0.0756	0.2523	0.2384	0.0274	0.5426	0.0242	0.0117
68.0	0.1258	0.0001	0.1030	0.0776	0.0668	0.3442	0.0172	0.0006
68.1	0.1141	0.0065	0.0995	0.0910	0.0727	0.3887	0.0121	0.0403

68.2	0.1530	0.0179	0.1313	0.3105	0.0893	0.3650	0.1106	0.0152
68.3	0.2597	0.0259	0.3025	0.2281	0.0489	0.4065	0.0941	0.0480
68.4	0.2379	0.0655	0.2951	0.2704	0.0518	0.3810	0.1532	0.0711
68.5	0.1619	0.1061	0.2847	0.1694	0.0079	0.6339	0.0342	0.0096
68.6	0.1655	0.0382	0.2352	0.1814	0.0319	0.5430	0.0574	0.0029
68.7	0.2688	0.0869	0.3481	0.1395	0.0425	0.6262	0.0806	0.0056
68.8	0.3546	0.1524	0.2943	0.0485	0.0436	0.6232	0.0265	0.0226
68.9	0.1260	0.0389	0.2206	0.0735	0.0056	0.5181	0.1181	0.0033
69.0	0.1114	0.0210	0.2257	0.2331	0.0220	0.4889	0.0516	0.0321
69.1	0.1595	0.0223	0.3001	0.2437	0.0614	0.5884	0.0866	0.0276
69.2	0.2997	0.0907	0.2722	0.1682	0.0631	0.5962	0.0823	0.0037
69.3	0.1912	0.0953	0.2405	0.1766	0.0025	0.5691	0.0734	0.0084
69.4	0.0957	0.1521	0.2062	0.2337	0.0394	0.5390	0.0516	0.0156
69.5	0.0786	0.0166	0.4949	0.4133	0.0071	0.6420	0.1678	0.1632
69.6	0.1905	0.0785	0.4803	0.3557	0.0897	0.6833	0.1822	0.2047
69.7	0.1089	0.1722	0.2683	0.2172	0.1033	0.5816	0.0961	0.0676
69.8	0.0435	0.0512	0.2366	0.3059	0.0165	0.5069	0.1425	0.0443
69.9	0.0978	0.0936	0.2644	0.3597	0.0327	0.6913	0.1499	0.0331
70.0	0.1880	0.1100	0.3784	0.2302	0.1085	0.7103	0.1557	0.1212
70.1	0.1027	0.0350	0.2709	0.1292	0.0015	0.6539	0.0583	0.0684
70.2	0.1302	0.1061	0.3002	0.1307	0.0215	0.6499	0.0675	0.0874
70.3	0.0490	0.0311	0.2054	0.2027	0.0451	0.5342	0.0486	0.0376
70.4	0.1220	0.0364	0.3446	0.2675	0.0347	0.6439	0.1307	0.0819
70.5	0.1425	0.0322	0.3233	0.2407	0.0185	0.6618	0.1548	0.0748
70.6	0.2077	0.0602	0.3507	0.2264	0.0110	0.6839	0.0734	0.1093
70.7	0.3389	0.0710	0.3372	0.2173	0.0045	0.6845	0.0348	0.0739
70.8	0.2049	0.0322	0.2993	0.1670	0.0589	0.6707	0.0506	0.1002
70.9	0.1537	0.0703	0.2916	0.0968	0.0297	0.6765	0.0043	0.1454
71.0	0.2238	0.0431	0.2989	0.1364	0.0202	0.6443	0.0476	0.0829
71.1	0.2829	0.0663	0.2566	0.1238	0.0148	0.6233	0.0542	0.0944
71.2	0.2650	0.0021	0.1908	0.1661	0.0021	0.5632	0.0396	0.0395
71.3	0.2342	0.0049	0.2697	0.1290	0.0426	0.6207	0.0849	0.0594
71.4	0.1461	0.0164	0.2431	0.1899	0.0403	0.5772	0.1426	0.0306
71.5	0.1703	0.0512	0.2369	0.1477	0.1383	0.5963	0.1203	0.0784
71.6	0.1735	0.0301	0.1550	0.1519	0.1107	0.5983	0.0577	0.0374
71.7	0.2166	0.0617	0.2220	0.0705	0.0946	0.6174	0.0435	0.1136
71.8	0.2735	0.0119	0.2705	0.2268	0.0255	0.6382	0.1180	0.1380
71.9	0.4088	0.0190	0.3336	0.2730	0.0504	0.7536	0.2301	0.2282
72.0	0.2999	0.0097	0.3709	0.2282	0.1462	0.7352	0.2304	0.2342
72.1	0.4098	0.0002	0.3592	0.3522	0.1536	0.7474	0.1943	0.2276
72.2	0.3220	0.0142	0.2507	0.2974	0.1502	0.7363	0.0801	0.2757
72.3	0.3640	0.0216	0.3119	0.2637	0.2280	0.7797	0.2198	0.2704
72.4	0.4433	0.0002	0.3176	0.3352	0.1778	0.7622	0.2070	0.2283
72.5	0.3129	0.0060	0.2945	0.2204	0.1249	0.7162	0.2285	0.2095
72.6	0.3794	0.0164	0.1291	0.3238	0.2353	0.7351	0.1478	0.1586
72.7	0.3762	0.0394	0.1694	0.3884	0.3399	0.7488	0.0716	0.2275
72.8	0.4467	0.0207	0.1508	0.3984	0.2751	0.7142	0.1475	0.2215
72.9	0.4544	0.1061	0.2336	0.4772	0.3572	0.6695	0.2067	0.2557
73.0	0.4496	0.0478	0.1687	0.3996	0.2502	0.7096	0.2200	0.3468
73.1	0.5359	0.0328	0.1969	0.4331	0.2937	0.6747	0.2784	0.3556
73.2	0.4453	0.0622	0.1725	0.4593	0.2487	0.6173	0.2575	0.3144
73.3	0.4269	0.0489	0.1265	0.4854	0.3728	0.6329	0.1494	0.2775
73.4	0.4295	0.0340	0.1046	0.4382	0.4391	0.6679	0.1847	0.3242
73.5	0.4938	0.0153	0.3294	0.2886	0.4146	0.7387	0.3465	0.4809
73.6	0.6028	0.0038	0.3102	0.3875	0.4564	0.7654	0.3712	0.5197
73.7	0.5238	0.0137	0.1691	0.3284	0.3003	0.6471	0.3724	0.4854
73.8	0.5402	0.0826	0.2287	0.3903	0.3771	0.5702	0.3568	0.4745
73.9	0.5980	0.2076	0.2660	0.4901	0.5377	0.5169	0.3115	0.4077
74.0	0.5732	0.1094	0.0883	0.4115	0.5455	0.4583	0.1759	0.4338
74.1	0.6172	0.1438	0.0779	0.4952	0.6346	0.4822	0.2353	0.4981
74.2	0.7978	0.3140	0.1832	0.6595	0.7265	0.6335	0.3704	0.5674
74.3	0.6947	0.2279	0.1859	0.5543	0.6326	0.5501	0.3018	0.4918
74.4	0.6529	0.2474	0.0748	0.5824	0.6579	0.4673	0.2075	0.5038
74.5	0.6466	0.2832	0.1110	0.5580	0.6649	0.4927	0.3061	0.4985
74.6	0.6989	0.1896	0.2186	0.4957	0.6196	0.4539	0.4817	0.5662
74.7	0.6116	0.0699	0.1981	0.4025	0.4910	0.2925	0.3037	0.5100
74.8	0.7912	0.3698	0.0830	0.6814	0.6815	0.4757	0.2630	0.5973
74.9	0.7687	0.4559	0.1527	0.6503	0.7562	0.5254	0.4156	0.6894
75.0	0.6639	0.3467	0.0696	0.5429	0.6891	0.3585	0.2370	0.6155
75.1	0.7521	0.4007	0.0359	0.5882	0.7512	0.3118	0.2443	0.5529
75.2	0.6837	0.3488	0.1174	0.5670	0.6555	0.2911	0.2395	0.5182
75.3	0.7434	0.3825	0.0683	0.5832	0.6777	0.3416	0.3625	0.6795
75.4	0.7426	0.5364	0.0940	0.6154	0.7489	0.3352	0.2903	0.6803
75.5	0.7551	0.5926	0.1922	0.5736	0.7609	0.3367	0.3480	0.7099
75.6	0.8151	0.5748	0.2234	0.6260	0.7551	0.4030	0.3546	0.7188
75.7	0.8249	0.6665	0.3906	0.7212	0.8238	0.5191	0.5669	0.7789
75.8	0.8111	0.6250	0.4598	0.7347	0.8110	0.5012	0.3922	0.7443
75.9	0.7959	0.6423	0.4924	0.6894	0.7827	0.4790	0.2552	0.6593
76.0	0.8143	0.6147	0.5669	0.6561	0.7439	0.4018	0.2551	0.7108
76.1	0.7477	0.6226	0.5314	0.6371	0.7388	0.4358	0.3680	0.7158
76.2	0.8211	0.6671	0.5683	0.6834	0.7811	0.5331	0.4193	0.7804
76.3	0.7914	0.6931	0.6120	0.6958	0.7881	0.5103	0.3547	0.7675
76.4	0.8152	0.7687	0.6925	0.7175	0.8171	0.5872	0.2968	0.7610
76.5	0.8297	0.7425	0.7270	0.6596	0.7935	0.5740	0.3243	0.7122
76.6	0.8431	0.8087	0.7938	0.7582	0.8438	0.6385	0.4361	0.7995
76.7	0.8307	0.8451	0.8010	0.7742	0.8675	0.7357	0.4163	0.8180

76.8	0.8131	0.7873	0.8138	0.6416	0.8529	0.6360	0.2650	0.7377
76.9	0.8251	0.7841	0.8517	0.6151	0.8557	0.5855	0.1665	0.6291
77.0	0.8463	0.8420	0.8819	0.7201	0.8586	0.7785	0.3454	0.6703
77.1	0.8412	0.8309	0.8585	0.7178	0.8039	0.6571	0.3843	0.7291
77.2	0.8418	0.8310	0.8688	0.6655	0.8250	0.6655	0.3563	0.7836
77.3	0.8545	0.8000	0.8681	0.6615	0.8226	0.6640	0.3511	0.6923
77.4	0.8643	0.8051	0.8777	0.6713	0.8419	0.6131	0.3815	0.7089
77.5	0.8800	0.8332	0.8681	0.5623	0.8291	0.6187	0.4917	0.7581
77.6	0.8859	0.8391	0.8943	0.6487	0.8385	0.7175	0.4972	0.7754
77.7	0.9083	0.8924	0.8883	0.7306	0.8705	0.7804	0.4920	0.8021
77.8	0.9264	0.8916	0.8543	0.6482	0.8621	0.7560	0.5643	0.7499
77.9	0.9249	0.8973	0.8547	0.5740	0.8323	0.7606	0.6001	0.7591
78.0	0.9227	0.9167	0.8847	0.5654	0.8770	0.8050	0.6208	0.7681
78.1	0.9271	0.9115	0.8962	0.4819	0.8629	0.7660	0.5926	0.7899
78.2	0.9288	0.8896	0.8973	0.3669	0.8198	0.6957	0.5244	0.7449
78.3	0.9366	0.8955	0.9029	0.2831	0.8603	0.7102	0.6619	0.7140
78.4	0.9526	0.9320	0.9141	0.4306	0.8785	0.7981	0.6148	0.7731
78.5	0.9568	0.9435	0.9194	0.3487	0.8750	0.7587	0.6366	0.8273
78.6	0.9564	0.9331	0.9005	0.1291	0.8772	0.7157	0.6367	0.7888
78.7	0.9536	0.9212	0.9242	0.0797	0.8938	0.7279	0.6378	0.8251
78.8	0.9682	0.9363	0.9418	0.0544	0.9064	0.7567	0.6095	0.8012
78.9	0.9711	0.9493	0.9391	0.0780	0.8998	0.7452	0.5689	0.7970
79.0	0.9689	0.9574	0.9446	0.2007	0.8983	0.7682	0.4827	0.8547
79.1	0.9587	0.9486	0.8949	0.3940	0.8673	0.7793	0.4562	0.7846
79.2	0.9672	0.9648	0.8942	0.3206	0.8966	0.8150	0.5439	0.8124
79.3	0.9663	0.9630	0.8834	0.1617	0.9099	0.7837	0.5263	0.8104
79.4	0.9587	0.9418	0.8614	0.0856	0.8778	0.7718	0.5063	0.7444
79.5	0.9639	0.9382	0.8680	0.1008	0.8695	0.7256	0.4422	0.7859
79.6	0.9691	0.9609	0.8860	0.1826	0.8971	0.7768	0.5054	0.7709
79.7	0.9605	0.9616	0.9114	0.2663	0.8925	0.7797	0.5315	0.7900
79.8	0.9671	0.9605	0.9086	0.3667	0.8968	0.7449	0.5295	0.7702
79.9	0.9683	0.9548	0.9034	0.4788	0.8690	0.6488	0.5361	0.7794
80.0	0.9595	0.9549	0.9015	0.5000	0.8562	0.6543	0.4208	0.7556

2.2.108 Run 10 – IP270NVP – Accels 41–47

In-plane shaking at 270° with no vertical shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9823	0.9690	0.9092	0.9799	0.9910	0.9668	0.9877
0.1	0.9418	0.9201	0.6889	0.9342	0.9662	0.9157	0.9510
0.2	0.0066	0.0046	0.0490	0.0005	0.0053	0.0022	0.0011
0.3	0.0325	0.0035	0.0188	0.0360	0.0179	0.0101	0.0023
0.4	0.0395	0.0069	0.0310	0.0317	0.0079	0.0099	0.0017
0.5	0.0805	0.0137	0.0133	0.0471	0.0053	0.0079	0.0163
0.6	0.0372	0.0831	0.0072	0.0138	0.0505	0.0094	0.0051
0.7	0.0618	0.2013	0.0018	0.0098	0.1327	0.0240	0.1222
0.8	0.0272	0.4839	0.0112	0.0328	0.4740	0.0023	0.4931
0.9	0.0066	0.5446	0.0117	0.1124	0.5152	0.0060	0.5666
1.0	0.0479	0.6047	0.0189	0.0311	0.6005	0.0029	0.6881
1.1	0.1026	0.7525	0.0107	0.0371	0.7395	0.1289	0.8749
1.2	0.2270	0.7610	0.0365	0.1888	0.7613	0.2370	0.8949
1.3	0.3826	0.7503	0.0698	0.3524	0.7571	0.3819	0.8994
1.4	0.3706	0.5574	0.1994	0.3895	0.5874	0.6021	0.9286
1.5	0.5376	0.3777	0.3790	0.5200	0.4367	0.8108	0.9421
1.6	0.7245	0.7554	0.6661	0.6922	0.7741	0.8918	0.9535
1.7	0.8238	0.8740	0.5367	0.7813	0.8780	0.8833	0.9245
1.8	0.9037	0.8518	0.3060	0.8441	0.8524	0.8280	0.8585
1.9	0.8736	0.8263	0.3387	0.7964	0.8264	0.7807	0.8253
2.0	0.9231	0.7603	0.4320	0.6669	0.7607	0.7052	0.7738
2.1	0.9491	0.8756	0.5905	0.6857	0.8764	0.7980	0.8899
2.2	0.8274	0.9026	0.6085	0.6280	0.9033	0.5652	0.9139
2.3	0.4106	0.9275	0.3111	0.2893	0.9279	0.3684	0.9398
2.4	0.3446	0.9476	0.3092	0.3028	0.9491	0.4810	0.9545
2.5	0.4530	0.9534	0.4949	0.4853	0.9553	0.6539	0.9598
2.6	0.8690	0.9743	0.8648	0.8962	0.9748	0.9118	0.9786
2.7	0.9206	0.9774	0.9120	0.9522	0.9776	0.9160	0.9809
2.8	0.9483	0.9807	0.9355	0.9678	0.9812	0.9152	0.9840
2.9	0.9477	0.9820	0.9155	0.9804	0.9826	0.8878	0.9851
3.0	0.9578	0.9871	0.9314	0.9821	0.9873	0.8903	0.9891
3.1	0.9628	0.9863	0.9462	0.9800	0.9865	0.8478	0.9877
3.2	0.9673	0.9912	0.9272	0.9818	0.9915	0.8487	0.9922
3.3	0.9571	0.9900	0.9260	0.9847	0.9903	0.8330	0.9907
3.4	0.9578	0.9902	0.9648	0.9860	0.9905	0.8312	0.9909
3.5	0.9500	0.9899	0.9451	0.9807	0.9900	0.8415	0.9901
3.6	0.9551	0.9926	0.9492	0.9836	0.9927	0.8318	0.9925
3.7	0.9671	0.9944	0.9662	0.9812	0.9946	0.8470	0.9941
3.8	0.9488	0.9912	0.9534	0.9661	0.9914	0.7100	0.9908
3.9	0.9520	0.9930	0.9458	0.9763	0.9932	0.6511	0.9924
4.0	0.9481	0.9927	0.9340	0.9657	0.9928	0.5112	0.9915
4.1	0.9360	0.9924	0.9232	0.9653	0.9924	0.6977	0.9904
4.2	0.9363	0.9927	0.9360	0.9566	0.9929	0.7625	0.9912
4.3	0.9438	0.9956	0.9458	0.9564	0.9957	0.8045	0.9942
4.4	0.9416	0.9967	0.9207	0.9480	0.9969	0.8356	0.9953
4.5	0.9074	0.9963	0.8910	0.8536	0.9965	0.8641	0.9948
4.6	0.9232	0.9965	0.9187	0.8863	0.9967	0.9039	0.9944
4.7	0.9146	0.9974	0.9011	0.9102	0.9974	0.8939	0.9953
4.8	0.9194	0.9977	0.9224	0.9251	0.9977	0.9253	0.9954
4.9	0.9006	0.9975	0.9264	0.8836	0.9975	0.9484	0.9950
5.0	0.8893	0.9973	0.8961	0.8562	0.9974	0.9397	0.9938
5.1	0.8671	0.9978	0.8878	0.8278	0.9978	0.9266	0.9944
5.2	0.8481	0.9979	0.8406	0.7892	0.9979	0.9125	0.9930
5.3	0.8332	0.9977	0.7910	0.7983	0.9975	0.8919	0.9916
5.4	0.6858	0.9980	0.5795	0.6761	0.9978	0.8406	0.9922
5.5	0.5168	0.9975	0.4581	0.5131	0.9973	0.7467	0.9896
5.6	0.3776	0.9971	0.3688	0.3547	0.9973	0.7566	0.9884
5.7	0.3950	0.9965	0.2743	0.3134	0.9968	0.7872	0.9857
5.8	0.4187	0.9958	0.1868	0.3045	0.9959	0.7848	0.9822
5.9	0.3368	0.9956	0.1060	0.3481	0.9958	0.7350	0.9784
6.0	0.2778	0.9949	0.0228	0.3507	0.9950	0.7355	0.9704
6.1	0.4328	0.9966	0.0392	0.4177	0.9966	0.8381	0.9760
6.2	0.6323	0.9966	0.0665	0.5904	0.9966	0.8940	0.9748
6.3	0.7686	0.9971	0.0878	0.7475	0.9970	0.9045	0.9750
6.4	0.8607	0.9976	0.1134	0.8113	0.9976	0.9142	0.9753
6.5	0.8383	0.9980	0.1319	0.7990	0.9980	0.8767	0.9787
6.6	0.8576	0.9973	0.1495	0.8287	0.9973	0.8657	0.9667
6.7	0.8686	0.9979	0.3594	0.8609	0.9978	0.9014	0.9647
6.8	0.8733	0.9982	0.4843	0.8848	0.9980	0.8789	0.9566
6.9	0.8534	0.9983	0.4405	0.8687	0.9982	0.8142	0.9400
7.0	0.8706	0.9984	0.5365	0.8466	0.9984	0.7641	0.9292
7.1	0.9105	0.9985	0.6728	0.8635	0.9984	0.7768	0.9027
7.2	0.9075	0.9988	0.7141	0.8767	0.9987	0.7405	0.8855
7.3	0.8738	0.9988	0.6812	0.8504	0.9986	0.6165	0.8824
7.4	0.8182	0.9983	0.7399	0.8201	0.9983	0.5346	0.7764
7.5	0.8705	0.9985	0.7909	0.8397	0.9986	0.4761	0.7583
7.6	0.9020	0.9986	0.8579	0.8284	0.9986	0.4992	0.8315
7.7	0.8961	0.9987	0.8402	0.8344	0.9987	0.2974	0.8794
7.8	0.9096	0.9988	0.8642	0.8748	0.9988	0.3146	0.9413
7.9	0.8912	0.9987	0.8405	0.8424	0.9987	0.4766	0.9404

8.0	0.8637	0.9988	0.9108	0.8361	0.9988	0.7201	0.9564
8.1	0.9007	0.9992	0.9314	0.8274	0.9992	0.6891	0.9737
8.2	0.9150	0.9993	0.9470	0.8223	0.9994	0.6931	0.9828
8.3	0.9123	0.9993	0.9251	0.8215	0.9992	0.5997	0.9789
8.4	0.9470	0.9995	0.9543	0.8730	0.9994	0.6658	0.9879
8.5	0.9281	0.9995	0.9360	0.8506	0.9994	0.6448	0.9910
8.6	0.9231	0.9996	0.9284	0.8320	0.9995	0.7290	0.9906
8.7	0.9498	0.9997	0.9610	0.8464	0.9996	0.8322	0.9944
8.8	0.9413	0.9997	0.9217	0.8142	0.9996	0.7973	0.9943
8.9	0.9292	0.9996	0.9056	0.7795	0.9995	0.8393	0.9959
9.0	0.9452	0.9996	0.9454	0.8307	0.9995	0.8819	0.9959
9.1	0.9237	0.9994	0.9291	0.7873	0.9993	0.8495	0.9941
9.2	0.9118	0.9993	0.8652	0.7456	0.9991	0.8661	0.9945
9.3	0.9445	0.9994	0.8577	0.8165	0.9993	0.8687	0.9967
9.4	0.9602	0.9996	0.9282	0.8379	0.9996	0.9152	0.9966
9.5	0.9405	0.9993	0.9334	0.7098	0.9992	0.8711	0.9953
9.6	0.9323	0.9994	0.9680	0.6994	0.9993	0.8802	0.9965
9.7	0.9204	0.9993	0.9780	0.5639	0.9991	0.8323	0.9960
9.8	0.9295	0.9994	0.9930	0.6658	0.9995	0.9282	0.9968
9.9	0.8745	0.9993	0.9964	0.6244	0.9991	0.9521	0.9956
10.0	0.6204	0.9988	0.9955	0.4183	0.9985	0.9570	0.9927
10.1	0.7292	0.9993	0.9978	0.6552	0.9992	0.9822	0.9958
10.2	0.7054	0.9994	0.9984	0.7805	0.9993	0.9901	0.9966
10.3	0.6547	0.9993	0.9988	0.8285	0.9992	0.9897	0.9962
10.4	0.6884	0.9989	0.9983	0.8797	0.9986	0.9867	0.9939
10.5	0.8249	0.9991	0.9985	0.8475	0.9990	0.9873	0.9940
10.6	0.9001	0.9988	0.9984	0.8460	0.9987	0.9889	0.9949
10.7	0.9275	0.9988	0.9985	0.8832	0.9987	0.9866	0.9935
10.8	0.9341	0.9991	0.9987	0.8906	0.9990	0.9876	0.9932
10.9	0.9461	0.9989	0.9984	0.9066	0.9989	0.9888	0.9944
11.0	0.9572	0.9989	0.9984	0.9325	0.9989	0.9925	0.9962
11.1	0.9397	0.9984	0.9974	0.9315	0.9986	0.9912	0.9953
11.2	0.9395	0.9978	0.9965	0.9043	0.9981	0.9866	0.9939
11.3	0.9588	0.9985	0.9980	0.9248	0.9986	0.9922	0.9966
11.4	0.9630	0.9985	0.9978	0.9356	0.9987	0.9927	0.9965
11.5	0.9731	0.9990	0.9988	0.9511	0.9992	0.9946	0.9979
11.6	0.9675	0.9988	0.9982	0.9451	0.9988	0.9930	0.9974
11.7	0.9722	0.9987	0.9986	0.9529	0.9987	0.9932	0.9978
11.8	0.9791	0.9991	0.9991	0.9545	0.9992	0.9955	0.9985
11.9	0.9837	0.9991	0.9992	0.9570	0.9992	0.9954	0.9985
12.0	0.9895	0.9992	0.9993	0.9644	0.9993	0.9968	0.9990
12.1	0.9867	0.9991	0.9991	0.9514	0.9992	0.9962	0.9985
12.2	0.9845	0.9989	0.9989	0.9315	0.9990	0.9963	0.9985
12.3	0.9832	0.9986	0.9990	0.9180	0.9987	0.9960	0.9983
12.4	0.9837	0.9986	0.9988	0.9091	0.9986	0.9955	0.9982
12.5	0.9876	0.9989	0.9991	0.9499	0.9990	0.9965	0.9987
12.6	0.9892	0.9992	0.9992	0.9666	0.9992	0.9971	0.9990
12.7	0.9832	0.9987	0.9991	0.9745	0.9989	0.9973	0.9991
12.8	0.9773	0.9980	0.9986	0.9700	0.9983	0.9967	0.9989
12.9	0.9791	0.9982	0.9990	0.9762	0.9985	0.9970	0.9993
13.0	0.9674	0.9979	0.9991	0.9715	0.9983	0.9974	0.9993
13.1	0.9772	0.9983	0.9993	0.9796	0.9986	0.9981	0.9993
13.2	0.9663	0.9981	0.9988	0.9745	0.9982	0.9981	0.9989
13.3	0.9675	0.9989	0.9992	0.9828	0.9990	0.9976	0.9992
13.4	0.9601	0.9986	0.9989	0.9781	0.9987	0.9976	0.9991
13.5	0.9288	0.9977	0.9982	0.9780	0.9978	0.9968	0.9988
13.6	0.8917	0.9982	0.9985	0.9771	0.9983	0.9952	0.9987
13.7	0.8655	0.9986	0.9989	0.9725	0.9987	0.9966	0.9990
13.8	0.8073	0.9990	0.9987	0.9743	0.9990	0.9973	0.9991
13.9	0.8082	0.9993	0.9988	0.9734	0.9993	0.9979	0.9993
14.0	0.8014	0.9992	0.9990	0.9723	0.9992	0.9968	0.9992
14.1	0.6037	0.9993	0.9988	0.9407	0.9993	0.9973	0.9992
14.2	0.3453	0.9990	0.9983	0.9105	0.9991	0.9972	0.9991
14.3	0.0184	0.9990	0.9982	0.9039	0.9990	0.9979	0.9992
14.4	0.4087	0.9992	0.9976	0.9167	0.9993	0.9978	0.9991
14.5	0.7741	0.9992	0.9962	0.9434	0.9992	0.9972	0.9988
14.6	0.8767	0.9990	0.9948	0.9589	0.9990	0.9963	0.9986
14.7	0.9074	0.9990	0.9900	0.9495	0.9990	0.9960	0.9983
14.8	0.9232	0.9993	0.9924	0.9372	0.9993	0.9972	0.9989
14.9	0.8808	0.9989	0.9876	0.9139	0.9990	0.9970	0.9984
15.0	0.8191	0.9985	0.9863	0.8855	0.9987	0.9969	0.9978
15.1	0.7714	0.9983	0.9844	0.8526	0.9984	0.9949	0.9978
15.2	0.8220	0.9984	0.9917	0.8868	0.9987	0.9962	0.9983
15.3	0.8751	0.9987	0.9927	0.9061	0.9989	0.9958	0.9983
15.4	0.8733	0.9987	0.9955	0.9263	0.9989	0.9963	0.9985
15.5	0.8913	0.9991	0.9960	0.9464	0.9991	0.9968	0.9986
15.6	0.9110	0.9989	0.9952	0.9454	0.9989	0.9962	0.9982
15.7	0.9255	0.9986	0.9961	0.9330	0.9984	0.9959	0.9984
15.8	0.9292	0.9987	0.9965	0.9472	0.9988	0.9962	0.9984
15.9	0.9383	0.9988	0.9958	0.9624	0.9988	0.9954	0.9982
16.0	0.9595	0.9987	0.9968	0.9716	0.9987	0.9961	0.9984
16.1	0.9711	0.9983	0.9955	0.9745	0.9982	0.9955	0.9979
16.2	0.9681	0.9978	0.9952	0.9673	0.9978	0.9955	0.9979
16.3	0.9684	0.9969	0.9931	0.9645	0.9971	0.9917	0.9965
16.4	0.9691	0.9973	0.9924	0.9682	0.9973	0.9920	0.9969
16.5	0.9766	0.9978	0.9917	0.9713	0.9975	0.9928	0.9971

16.6	0.9745	0.9971	0.9899	0.9499	0.9969	0.9892	0.9964
16.7	0.9753	0.9975	0.9935	0.9608	0.9973	0.9937	0.9977
16.8	0.9580	0.9964	0.9897	0.9360	0.9963	0.9874	0.9954
16.9	0.9628	0.9969	0.9876	0.9353	0.9969	0.9824	0.9941
17.0	0.9775	0.9973	0.9912	0.9402	0.9971	0.9845	0.9955
17.1	0.9746	0.9959	0.9815	0.9489	0.9956	0.9706	0.9918
17.2	0.9815	0.9960	0.9861	0.9657	0.9957	0.9769	0.9933
17.3	0.9644	0.9961	0.9854	0.9316	0.9961	0.9862	0.9939
17.4	0.9824	0.9981	0.9940	0.9293	0.9981	0.9935	0.9974
17.5	0.9858	0.9985	0.9962	0.9087	0.9984	0.9927	0.9975
17.6	0.9831	0.9983	0.9959	0.9150	0.9983	0.9930	0.9972
17.7	0.9874	0.9980	0.9933	0.9473	0.9980	0.9932	0.9969
17.8	0.9903	0.9983	0.9920	0.9575	0.9982	0.9939	0.9973
17.9	0.9922	0.9988	0.9930	0.9720	0.9988	0.9959	0.9981
18.0	0.9893	0.9987	0.9954	0.9697	0.9986	0.9975	0.9986
18.1	0.9883	0.9983	0.9969	0.9688	0.9983	0.9976	0.9986
18.2	0.9928	0.9982	0.9980	0.9764	0.9982	0.9976	0.9990
18.3	0.9935	0.9974	0.9969	0.9745	0.9974	0.9969	0.9986
18.4	0.9865	0.9970	0.9931	0.9585	0.9970	0.9970	0.9975
18.5	0.9846	0.9983	0.9933	0.9376	0.9983	0.9959	0.9985
18.6	0.9621	0.9982	0.9851	0.7400	0.9981	0.9950	0.9981
18.7	0.9628	0.9975	0.9861	0.5784	0.9973	0.9960	0.9981
18.8	0.9851	0.9961	0.9937	0.9028	0.9959	0.9949	0.9981
18.9	0.9943	0.9963	0.9972	0.9592	0.9960	0.9961	0.9985
19.0	0.9959	0.9959	0.9970	0.9561	0.9955	0.9963	0.9985
19.1	0.9945	0.9942	0.9961	0.9331	0.9937	0.9942	0.9977
19.2	0.9933	0.9948	0.9968	0.9261	0.9945	0.9958	0.9979
19.3	0.9917	0.9928	0.9962	0.8721	0.9926	0.9943	0.9967
19.4	0.9935	0.9944	0.9964	0.8781	0.9940	0.9948	0.9972
19.5	0.9935	0.9924	0.9965	0.8162	0.9920	0.9942	0.9974
19.6	0.9935	0.9941	0.9975	0.8234	0.9938	0.9967	0.9980
19.7	0.9940	0.9957	0.9978	0.8770	0.9956	0.9974	0.9982
19.8	0.9909	0.9914	0.9963	0.9005	0.9912	0.9958	0.9966
19.9	0.9918	0.9920	0.9955	0.9013	0.9919	0.9942	0.9961
20.0	0.9883	0.9884	0.9940	0.9215	0.9882	0.9925	0.9945
20.1	0.9851	0.9841	0.9928	0.8998	0.9839	0.9910	0.9933
20.2	0.9875	0.9852	0.9941	0.8726	0.9850	0.9903	0.9936
20.3	0.9898	0.9861	0.9960	0.8729	0.9859	0.9943	0.9955
20.4	0.9899	0.9845	0.9949	0.8131	0.9844	0.9925	0.9936
20.5	0.9894	0.9850	0.9953	0.6542	0.9850	0.9938	0.9941
20.6	0.9903	0.9827	0.9945	0.4511	0.9826	0.9926	0.9934
20.7	0.9911	0.9885	0.9950	0.3543	0.9884	0.9946	0.9949
20.8	0.9886	0.9860	0.9929	0.4948	0.9859	0.9932	0.9937
20.9	0.9946	0.9897	0.9967	0.6921	0.9895	0.9963	0.9966
21.0	0.9928	0.9861	0.9952	0.7858	0.9859	0.9951	0.9947
21.1	0.9917	0.9858	0.9937	0.8087	0.9854	0.9948	0.9937
21.2	0.9903	0.9882	0.9934	0.8506	0.9880	0.9948	0.9933
21.3	0.9909	0.9882	0.9937	0.8225	0.9880	0.9938	0.9936
21.4	0.9927	0.9905	0.9946	0.9071	0.9903	0.9955	0.9952
21.5	0.9924	0.9935	0.9943	0.9332	0.9934	0.9952	0.9947
21.6	0.9887	0.9930	0.9932	0.9386	0.9930	0.9941	0.9931
21.7	0.9892	0.9933	0.9920	0.9267	0.9931	0.9928	0.9930
21.8	0.9911	0.9927	0.9928	0.9541	0.9925	0.9924	0.9924
21.9	0.9913	0.9941	0.9934	0.9595	0.9940	0.9941	0.9933
22.0	0.9891	0.9940	0.9924	0.9695	0.9940	0.9935	0.9927
22.1	0.9924	0.9963	0.9934	0.9748	0.9963	0.9950	0.9943
22.2	0.9923	0.9959	0.9935	0.9662	0.9958	0.9942	0.9947
22.3	0.9937	0.9973	0.9944	0.9733	0.9972	0.9961	0.9959
22.4	0.9934	0.9970	0.9933	0.9546	0.9969	0.9950	0.9952
22.5	0.9946	0.9974	0.9944	0.9592	0.9973	0.9949	0.9961
22.6	0.9966	0.9980	0.9959	0.9764	0.9980	0.9965	0.9976
22.7	0.9968	0.9972	0.9948	0.9694	0.9972	0.9957	0.9978
22.8	0.9958	0.9960	0.9926	0.9629	0.9960	0.9927	0.9969
22.9	0.9944	0.9959	0.9930	0.9312	0.9958	0.9914	0.9970
23.0	0.9913	0.9967	0.9945	0.8796	0.9967	0.9916	0.9976
23.1	0.9921	0.9955	0.9916	0.8175	0.9955	0.9920	0.9967
23.2	0.9877	0.9910	0.9880	0.6383	0.9909	0.9884	0.9962
23.3	0.9865	0.9875	0.9849	0.5152	0.9872	0.9854	0.9954
23.4	0.9846	0.9890	0.9883	0.5883	0.9888	0.9883	0.9959
23.5	0.9779	0.9866	0.9891	0.7129	0.9865	0.9889	0.9959
23.6	0.9759	0.9844	0.9893	0.8114	0.9841	0.9901	0.9957
23.7	0.9683	0.9820	0.9909	0.8996	0.9816	0.9913	0.9963
23.8	0.9683	0.9864	0.9932	0.9260	0.9862	0.9937	0.9966
23.9	0.9420	0.9798	0.9923	0.9203	0.9793	0.9922	0.9961
24.0	0.9162	0.9788	0.9946	0.9271	0.9782	0.9942	0.9976
24.1	0.9239	0.9879	0.9966	0.9322	0.9877	0.9967	0.9981
24.2	0.8998	0.9817	0.9958	0.9270	0.9811	0.9954	0.9975
24.3	0.8557	0.9710	0.9955	0.9022	0.9704	0.9954	0.9978
24.4	0.8575	0.9759	0.9973	0.9251	0.9755	0.9969	0.9986
24.5	0.8883	0.9780	0.9970	0.9467	0.9775	0.9971	0.9983
24.6	0.8831	0.9780	0.9973	0.9463	0.9776	0.9970	0.9983
24.7	0.8572	0.9698	0.9974	0.9403	0.9691	0.9971	0.9984
24.8	0.8159	0.9675	0.9978	0.9474	0.9666	0.9974	0.9986
24.9	0.7537	0.9686	0.9979	0.9441	0.9681	0.9971	0.9984
25.0	0.8604	0.9652	0.9981	0.9506	0.9644	0.9980	0.9989
25.1	0.9381	0.9735	0.9988	0.9626	0.9721	0.9990	0.9993

25.2	0.9437	0.9678	0.9989	0.9667	0.9665	0.9987	0.9992
25.3	0.9333	0.9424	0.9983	0.9509	0.9390	0.9984	0.9991
25.4	0.9468	0.9510	0.9988	0.9547	0.9466	0.9990	0.9994
25.5	0.9394	0.9493	0.9986	0.9541	0.9433	0.9988	0.9993
25.6	0.8985	0.9459	0.9988	0.9349	0.9366	0.9989	0.9993
25.7	0.8688	0.9134	0.9983	0.9505	0.8983	0.9985	0.9992
25.8	0.9225	0.9497	0.9991	0.9705	0.9408	0.9993	0.9995
25.9	0.8612	0.9353	0.9988	0.9589	0.9215	0.9991	0.9994
26.0	0.8872	0.9423	0.9987	0.9632	0.9311	0.9991	0.9993
26.1	0.9250	0.9504	0.9987	0.9634	0.9432	0.9991	0.9994
26.2	0.9539	0.9643	0.9989	0.9660	0.9602	0.9991	0.9995
26.3	0.9685	0.9624	0.9989	0.9681	0.9588	0.9990	0.9994
26.4	0.9792	0.9598	0.9986	0.9749	0.9566	0.9991	0.9994
26.5	0.9789	0.9637	0.9987	0.9704	0.9608	0.9992	0.9994
26.6	0.9814	0.9706	0.9986	0.9691	0.9675	0.9991	0.9994
26.7	0.9883	0.9739	0.9987	0.9791	0.9712	0.9990	0.9994
26.8	0.9932	0.9815	0.9992	0.9880	0.9794	0.9993	0.9996
26.9	0.9869	0.9649	0.9990	0.9758	0.9613	0.9989	0.9993
27.0	0.9869	0.9582	0.9989	0.9714	0.9541	0.9986	0.9991
27.1	0.9836	0.9634	0.9991	0.9627	0.9607	0.9986	0.9993
27.2	0.9870	0.9667	0.9990	0.9680	0.9646	0.9984	0.9992
27.3	0.9813	0.9566	0.9984	0.9489	0.9544	0.9974	0.9986
27.4	0.9830	0.9680	0.9983	0.9582	0.9661	0.9978	0.9987
27.5	0.9874	0.9719	0.9985	0.9638	0.9702	0.9982	0.9989
27.6	0.9847	0.9651	0.9981	0.9562	0.9642	0.9971	0.9984
27.7	0.9858	0.9714	0.9982	0.9627	0.9704	0.9973	0.9985
27.8	0.9816	0.9674	0.9983	0.9538	0.9664	0.9973	0.9986
27.9	0.9858	0.9748	0.9986	0.9654	0.9740	0.9978	0.9990
28.0	0.9783	0.9675	0.9982	0.9479	0.9665	0.9971	0.9988
28.1	0.9770	0.9695	0.9975	0.9503	0.9685	0.9961	0.9985
28.2	0.9806	0.9762	0.9975	0.9594	0.9754	0.9959	0.9985
28.3	0.9796	0.9686	0.9970	0.9467	0.9678	0.9954	0.9983
28.4	0.9807	0.9711	0.9959	0.9515	0.9701	0.9940	0.9976
28.5	0.9889	0.9866	0.9974	0.9774	0.9863	0.9961	0.9987
28.6	0.9896	0.9856	0.9975	0.9741	0.9851	0.9962	0.9989
28.7	0.9921	0.9895	0.9979	0.9797	0.9891	0.9967	0.9991
28.8	0.9939	0.9883	0.9982	0.9784	0.9877	0.9971	0.9992
28.9	0.9949	0.9920	0.9984	0.9840	0.9916	0.9973	0.9993
29.0	0.9955	0.9923	0.9985	0.9859	0.9917	0.9974	0.9993
29.1	0.9960	0.9924	0.9987	0.9870	0.9921	0.9979	0.9994
29.2	0.9956	0.9951	0.9990	0.9911	0.9949	0.9983	0.9996
29.3	0.9967	0.9969	0.9993	0.9942	0.9966	0.9990	0.9997
29.4	0.9964	0.9953	0.9990	0.9933	0.9951	0.9986	0.9995
29.5	0.9956	0.9953	0.9988	0.9922	0.9948	0.9983	0.9994
29.6	0.9957	0.9964	0.9991	0.9946	0.9960	0.9988	0.9996
29.7	0.9948	0.9975	0.9992	0.9957	0.9972	0.9988	0.9996
29.8	0.9943	0.9977	0.9990	0.9952	0.9973	0.9986	0.9995
29.9	0.9932	0.9968	0.9991	0.9957	0.9964	0.9991	0.9996
30.0	0.9948	0.9975	0.9991	0.9968	0.9974	0.9989	0.9996
30.1	0.9966	0.9981	0.9993	0.9969	0.9980	0.9991	0.9997
30.2	0.9964	0.9976	0.9993	0.9958	0.9973	0.9991	0.9997
30.3	0.9951	0.9978	0.9994	0.9959	0.9976	0.9992	0.9997
30.4	0.9957	0.9974	0.9994	0.9959	0.9973	0.9992	0.9997
30.5	0.9948	0.9973	0.9991	0.9955	0.9970	0.9990	0.9996
30.6	0.9952	0.9981	0.9992	0.9976	0.9979	0.9991	0.9997
30.7	0.9948	0.9977	0.9989	0.9964	0.9972	0.9987	0.9994
30.8	0.9958	0.9973	0.9987	0.9963	0.9968	0.9986	0.9994
30.9	0.9946	0.9976	0.9991	0.9957	0.9971	0.9990	0.9995
31.0	0.9929	0.9966	0.9989	0.9950	0.9960	0.9988	0.9995
31.1	0.9900	0.9961	0.9986	0.9911	0.9948	0.9985	0.9992
31.2	0.9882	0.9960	0.9985	0.9899	0.9945	0.9983	0.9988
31.3	0.9859	0.9956	0.9982	0.9918	0.9938	0.9979	0.9988
31.4	0.9818	0.9954	0.9985	0.9912	0.9932	0.9983	0.9991
31.5	0.9739	0.9938	0.9981	0.9874	0.9901	0.9978	0.9988
31.6	0.9830	0.9943	0.9984	0.9908	0.9917	0.9982	0.9990
31.7	0.9852	0.9949	0.9990	0.9920	0.9919	0.9988	0.9991
31.8	0.9819	0.9936	0.9983	0.9904	0.9902	0.9981	0.9988
31.9	0.9827	0.9937	0.9982	0.9904	0.9900	0.9980	0.9987
32.0	0.9717	0.9886	0.9969	0.9836	0.9825	0.9965	0.9976
32.1	0.9684	0.9886	0.9974	0.9842	0.9810	0.9971	0.9979
32.2	0.9677	0.9828	0.9962	0.9828	0.9753	0.9958	0.9971
32.3	0.9598	0.9763	0.9937	0.9821	0.9680	0.9932	0.9958
32.4	0.9579	0.9783	0.9955	0.9842	0.9683	0.9952	0.9971
32.5	0.9457	0.9714	0.9940	0.9743	0.9586	0.9936	0.9950
32.6	0.9433	0.9618	0.9935	0.9727	0.9452	0.9932	0.9947
32.7	0.9447	0.9603	0.9947	0.9683	0.9401	0.9943	0.9946
32.8	0.9492	0.9600	0.9935	0.9646	0.9420	0.9931	0.9936
32.9	0.9473	0.9537	0.9919	0.9613	0.9340	0.9917	0.9927
33.0	0.9650	0.9641	0.9937	0.9647	0.9504	0.9935	0.9935
33.1	0.9723	0.9576	0.9934	0.9599	0.9457	0.9933	0.9932
33.2	0.9760	0.9635	0.9933	0.9569	0.9527	0.9932	0.9935
33.3	0.9753	0.9576	0.9910	0.9534	0.9494	0.9907	0.9919
33.4	0.9737	0.9403	0.9894	0.9247	0.9299	0.9891	0.9902
33.5	0.9643	0.9286	0.9889	0.9108	0.9172	0.9887	0.9902
33.6	0.9544	0.8850	0.9843	0.9080	0.8787	0.9837	0.9868
33.7	0.9613	0.8852	0.9867	0.9239	0.8830	0.9855	0.9884

33.8	0.9653	0.9235	0.9911	0.9479	0.9234	0.9902	0.9929
33.9	0.9711	0.9527	0.9915	0.9654	0.9546	0.9905	0.9920
34.0	0.9779	0.9647	0.9931	0.9736	0.9654	0.9924	0.9924
34.1	0.9768	0.9677	0.9912	0.9701	0.9684	0.9905	0.9917
34.2	0.9769	0.9791	0.9910	0.9720	0.9795	0.9904	0.9936
34.3	0.9819	0.9851	0.9927	0.9801	0.9856	0.9918	0.9951
34.4	0.9870	0.9881	0.9942	0.9855	0.9880	0.9935	0.9958
34.5	0.9916	0.9920	0.9952	0.9915	0.9922	0.9948	0.9971
34.6	0.9911	0.9895	0.9943	0.9862	0.9901	0.9937	0.9961
34.7	0.9911	0.9926	0.9948	0.9859	0.9926	0.9943	0.9958
34.8	0.9923	0.9937	0.9968	0.9902	0.9940	0.9962	0.9976
34.9	0.9933	0.9926	0.9963	0.9892	0.9931	0.9961	0.9964
35.0	0.9932	0.9941	0.9965	0.9904	0.9944	0.9962	0.9970
35.1	0.9894	0.9916	0.9955	0.9893	0.9924	0.9947	0.9965
35.2	0.9904	0.9912	0.9956	0.9871	0.9923	0.9947	0.9963
35.3	0.9884	0.9923	0.9961	0.9880	0.9929	0.9950	0.9974
35.4	0.9872	0.9895	0.9958	0.9828	0.9908	0.9950	0.9974
35.5	0.9873	0.9888	0.9960	0.9856	0.9899	0.9946	0.9975
35.6	0.9884	0.9894	0.9969	0.9817	0.9901	0.9961	0.9974
35.7	0.9863	0.9903	0.9965	0.9855	0.9903	0.9960	0.9982
35.8	0.9841	0.9899	0.9957	0.9860	0.9896	0.9950	0.9982
35.9	0.9857	0.9886	0.9954	0.9861	0.9888	0.9946	0.9978
36.0	0.9906	0.9923	0.9962	0.9852	0.9928	0.9957	0.9977
36.1	0.9787	0.9825	0.9918	0.9786	0.9830	0.9911	0.9956
36.2	0.9840	0.9871	0.9941	0.9843	0.9871	0.9935	0.9957
36.3	0.9882	0.9914	0.9958	0.9887	0.9911	0.9956	0.9968
36.4	0.9882	0.9911	0.9954	0.9901	0.9908	0.9951	0.9965
36.5	0.9899	0.9920	0.9949	0.9911	0.9921	0.9942	0.9957
36.6	0.9926	0.9934	0.9964	0.9919	0.9936	0.9960	0.9964
36.7	0.9931	0.9949	0.9968	0.9926	0.9950	0.9966	0.9976
36.8	0.9922	0.9945	0.9966	0.9934	0.9946	0.9957	0.9969
36.9	0.9920	0.9943	0.9958	0.9914	0.9947	0.9942	0.9951
37.0	0.9912	0.9958	0.9960	0.9928	0.9959	0.9945	0.9958
37.1	0.9930	0.9963	0.9973	0.9942	0.9966	0.9957	0.9962
37.2	0.9937	0.9964	0.9976	0.9908	0.9967	0.9963	0.9965
37.3	0.9933	0.9968	0.9973	0.9907	0.9971	0.9959	0.9957
37.4	0.9918	0.9964	0.9975	0.9877	0.9963	0.9964	0.9957
37.5	0.9926	0.9964	0.9973	0.9904	0.9965	0.9959	0.9956
37.6	0.9910	0.9953	0.9961	0.9818	0.9957	0.9937	0.9927
37.7	0.9954	0.9973	0.9977	0.9848	0.9977	0.9962	0.9953
37.8	0.9938	0.9976	0.9978	0.9732	0.9980	0.9960	0.9958
37.9	0.9923	0.9978	0.9980	0.9631	0.9980	0.9964	0.9956
38.0	0.9942	0.9975	0.9982	0.9739	0.9976	0.9971	0.9959
38.1	0.9958	0.9973	0.9980	0.9742	0.9976	0.9972	0.9954
38.2	0.9962	0.9973	0.9975	0.9774	0.9977	0.9969	0.9951
38.3	0.9954	0.9971	0.9971	0.9728	0.9973	0.9964	0.9940
38.4	0.9951	0.9969	0.9979	0.9758	0.9972	0.9975	0.9956
38.5	0.9947	0.9973	0.9980	0.9764	0.9975	0.9973	0.9957
38.6	0.9936	0.9975	0.9983	0.9715	0.9976	0.9976	0.9960
38.7	0.9955	0.9966	0.9984	0.9651	0.9969	0.9981	0.9964
38.8	0.9922	0.9967	0.9976	0.9604	0.9969	0.9968	0.9942
38.9	0.9932	0.9975	0.9985	0.9674	0.9977	0.9978	0.9958
39.0	0.9947	0.9974	0.9985	0.9770	0.9976	0.9979	0.9962
39.1	0.9948	0.9972	0.9987	0.9767	0.9976	0.9982	0.9963
39.2	0.9917	0.9962	0.9984	0.9723	0.9966	0.9977	0.9943
39.3	0.9910	0.9972	0.9987	0.9746	0.9975	0.9981	0.9955
39.4	0.9894	0.9973	0.9986	0.9790	0.9978	0.9981	0.9964
39.5	0.9910	0.9973	0.9983	0.9852	0.9978	0.9981	0.9967
39.6	0.9901	0.9932	0.9968	0.9868	0.9942	0.9967	0.9969
39.7	0.9883	0.9895	0.9957	0.9864	0.9910	0.9957	0.9968
39.8	0.9856	0.9940	0.9963	0.9856	0.9949	0.9957	0.9967
39.9	0.9799	0.9964	0.9970	0.9861	0.9970	0.9962	0.9966
40.0	0.9798	0.9954	0.9979	0.9897	0.9962	0.9971	0.9970
40.1	0.9687	0.9943	0.9977	0.9853	0.9953	0.9968	0.9963
40.2	0.9660	0.9962	0.9965	0.9879	0.9967	0.9952	0.9956
40.3	0.9587	0.9963	0.9960	0.9868	0.9967	0.9947	0.9956
40.4	0.9554	0.9968	0.9965	0.9886	0.9974	0.9953	0.9961
40.5	0.9553	0.9970	0.9965	0.9907	0.9975	0.9953	0.9963
40.6	0.9454	0.9966	0.9966	0.9901	0.9973	0.9955	0.9955
40.7	0.9399	0.9954	0.9960	0.9898	0.9961	0.9945	0.9941
40.8	0.9228	0.9921	0.9954	0.9875	0.9930	0.9934	0.9959
40.9	0.9238	0.9943	0.9963	0.9882	0.9954	0.9938	0.9956
41.0	0.8465	0.9931	0.9945	0.9797	0.9946	0.9905	0.9935
41.1	0.8589	0.9926	0.9960	0.9854	0.9943	0.9926	0.9942
41.2	0.7988	0.9929	0.9962	0.9838	0.9946	0.9927	0.9949
41.3	0.7905	0.9925	0.9948	0.9793	0.9942	0.9900	0.9942
41.4	0.8780	0.9948	0.9958	0.9851	0.9962	0.9921	0.9949
41.5	0.8837	0.9942	0.9951	0.9844	0.9957	0.9897	0.9939
41.6	0.8780	0.9943	0.9935	0.9853	0.9960	0.9865	0.9934
41.7	0.8656	0.9936	0.9928	0.9817	0.9954	0.9843	0.9913
41.8	0.8463	0.9918	0.9907	0.9799	0.9940	0.9820	0.9894
41.9	0.8151	0.9865	0.9879	0.9779	0.9895	0.9740	0.9865
42.0	0.8717	0.9843	0.9888	0.9786	0.9866	0.9751	0.9866
42.1	0.8119	0.9717	0.9864	0.9779	0.9779	0.9683	0.9829
42.2	0.8411	0.9768	0.9876	0.9813	0.9826	0.9716	0.9836
42.3	0.8625	0.9604	0.9870	0.9750	0.9707	0.9686	0.9807

42.4	0.7747	0.9446	0.9819	0.9595	0.9613	0.9543	0.9805
42.5	0.7927	0.9725	0.9835	0.9668	0.9785	0.9622	0.9856
42.6	0.8521	0.9844	0.9855	0.9725	0.9885	0.9657	0.9873
42.7	0.8458	0.9870	0.9829	0.9686	0.9894	0.9578	0.9901
42.8	0.8347	0.9843	0.9853	0.9729	0.9851	0.9611	0.9841
42.9	0.8119	0.9684	0.9835	0.9716	0.9710	0.9567	0.9807
43.0	0.8183	0.9610	0.9838	0.9737	0.9633	0.9617	0.9865
43.1	0.8317	0.9627	0.9851	0.9747	0.9650	0.9665	0.9860
43.2	0.8565	0.9812	0.9820	0.9702	0.9799	0.9586	0.9835
43.3	0.8955	0.9864	0.9787	0.9778	0.9836	0.9531	0.9805
43.4	0.8352	0.9737	0.9595	0.9717	0.9676	0.9219	0.9573
43.5	0.8511	0.9732	0.9700	0.9781	0.9681	0.9442	0.9673
43.6	0.8348	0.9674	0.9720	0.9738	0.9638	0.9479	0.9786
43.7	0.7716	0.9487	0.9622	0.9553	0.9419	0.9215	0.9663
43.8	0.7888	0.9508	0.9571	0.9564	0.9421	0.9178	0.9625
43.9	0.7734	0.9463	0.9546	0.9621	0.9358	0.9286	0.9592
44.0	0.7385	0.9413	0.9610	0.9689	0.9314	0.9414	0.9700
44.1	0.7021	0.9383	0.9630	0.9580	0.9299	0.9321	0.9705
44.2	0.6105	0.9052	0.9426	0.9414	0.8930	0.8970	0.9525
44.3	0.6943	0.9077	0.9359	0.9427	0.8972	0.9057	0.9552
44.4	0.7396	0.9221	0.9564	0.9524	0.9168	0.9321	0.9726
44.5	0.6747	0.8887	0.9703	0.9563	0.8879	0.9449	0.9741
44.6	0.6927	0.9010	0.9664	0.9585	0.8965	0.9331	0.9725
44.7	0.6409	0.8983	0.9527	0.9573	0.8899	0.9124	0.9719
44.8	0.6659	0.9241	0.9650	0.9518	0.9156	0.9329	0.9701
44.9	0.7457	0.9260	0.9668	0.9575	0.9191	0.9569	0.9593
45.0	0.7219	0.9068	0.9458	0.9578	0.8957	0.9407	0.9585
45.1	0.6830	0.9150	0.9574	0.9594	0.9049	0.9401	0.9791
45.2	0.7596	0.9303	0.9798	0.9685	0.9294	0.9671	0.9898
45.3	0.6892	0.8933	0.9670	0.9586	0.8938	0.9555	0.9856
45.4	0.6584	0.9294	0.9712	0.9409	0.9220	0.9494	0.9865
45.5	0.7818	0.9547	0.9768	0.9502	0.9507	0.9574	0.9865
45.6	0.8560	0.9715	0.9889	0.9618	0.9693	0.9695	0.9887
45.7	0.8536	0.9654	0.9836	0.9620	0.9627	0.9745	0.9793
45.8	0.8853	0.9732	0.9826	0.9739	0.9714	0.9761	0.9889
45.9	0.8384	0.9433	0.9682	0.9649	0.9398	0.9704	0.9787
46.0	0.8556	0.9355	0.9585	0.9645	0.9355	0.9547	0.9873
46.1	0.8279	0.9351	0.9567	0.9466	0.9378	0.9377	0.9904
46.2	0.7133	0.9041	0.9498	0.9016	0.9068	0.9356	0.9774
46.3	0.7893	0.9351	0.9640	0.9278	0.9358	0.9525	0.9814
46.4	0.8389	0.9497	0.9581	0.9375	0.9487	0.9424	0.9888
46.5	0.8372	0.9604	0.9755	0.9200	0.9578	0.9524	0.9925
46.6	0.9122	0.9736	0.9919	0.9492	0.9722	0.9816	0.9941
46.7	0.9151	0.9784	0.9914	0.9675	0.9783	0.9830	0.9946
46.8	0.9184	0.9763	0.9900	0.9705	0.9764	0.9810	0.9955
46.9	0.9274	0.9728	0.9879	0.9617	0.9718	0.9767	0.9919
47.0	0.8957	0.9597	0.9756	0.9517	0.9561	0.9682	0.9879
47.1	0.9093	0.9554	0.9732	0.9514	0.9529	0.9668	0.9907
47.2	0.9422	0.9701	0.9798	0.9687	0.9684	0.9782	0.9886
47.3	0.9387	0.9748	0.9689	0.9749	0.9729	0.9715	0.9909
47.4	0.9403	0.9751	0.9569	0.9720	0.9736	0.9611	0.9909
47.5	0.9221	0.9675	0.9144	0.9627	0.9639	0.9240	0.9875
47.6	0.9368	0.9776	0.8374	0.9647	0.9759	0.8790	0.9911
47.7	0.9601	0.9669	0.8831	0.9714	0.9673	0.9161	0.9923
47.8	0.9560	0.9531	0.9469	0.9801	0.9556	0.9647	0.9909
47.9	0.9695	0.9612	0.9623	0.9803	0.9672	0.9630	0.9928
48.0	0.9523	0.9553	0.9586	0.9783	0.9567	0.9662	0.9913
48.1	0.8968	0.8416	0.8857	0.9446	0.8515	0.9284	0.9873
48.2	0.8196	0.7647	0.9384	0.9431	0.7818	0.9614	0.9910
48.3	0.8222	0.9285	0.9556	0.9607	0.9241	0.9672	0.9893
48.4	0.7886	0.8984	0.9475	0.9487	0.8890	0.9622	0.9777
48.5	0.8844	0.9613	0.9593	0.9608	0.9566	0.9689	0.9870
48.6	0.8810	0.9729	0.9614	0.9740	0.9726	0.9745	0.9933
48.7	0.8913	0.9626	0.9651	0.9695	0.9626	0.9785	0.9918
48.8	0.9161	0.9486	0.9632	0.9696	0.9490	0.9749	0.9872
48.9	0.8589	0.9478	0.9588	0.9673	0.9463	0.9708	0.9881
49.0	0.7750	0.9174	0.9512	0.9408	0.9181	0.9636	0.9852
49.1	0.8475	0.9286	0.9364	0.9362	0.9249	0.9507	0.9886
49.2	0.9215	0.9537	0.9643	0.9650	0.9514	0.9706	0.9886
49.3	0.9606	0.9682	0.9870	0.9782	0.9733	0.9842	0.9914
49.4	0.9597	0.9439	0.9817	0.9662	0.9505	0.9733	0.9894
49.5	0.9465	0.9318	0.9700	0.9521	0.9349	0.9666	0.9853
49.6	0.9501	0.9658	0.9734	0.9616	0.9653	0.9705	0.9842
49.7	0.9762	0.9824	0.9867	0.9815	0.9829	0.9854	0.9921
49.8	0.9615	0.9716	0.9758	0.9770	0.9711	0.9781	0.9879
49.9	0.9113	0.9249	0.9205	0.9416	0.9232	0.9333	0.9831
50.0	0.9094	0.9286	0.9386	0.9481	0.9264	0.9492	0.9859
50.1	0.9714	0.9824	0.9826	0.9756	0.9820	0.9817	0.9901
50.2	0.9766	0.9848	0.9896	0.9736	0.9843	0.9848	0.9927
50.3	0.9772	0.9843	0.9847	0.9764	0.9851	0.9808	0.9913
50.4	0.9818	0.9867	0.9842	0.9777	0.9870	0.9821	0.9896
50.5	0.9700	0.9826	0.9786	0.9759	0.9827	0.9764	0.9861
50.6	0.9626	0.9694	0.9682	0.9617	0.9687	0.9691	0.9810
50.7	0.9308	0.9386	0.9467	0.9373	0.9350	0.9524	0.9776
50.8	0.9274	0.9384	0.9588	0.9461	0.9378	0.9599	0.9839
50.9	0.9543	0.9639	0.9615	0.9733	0.9644	0.9610	0.9834

51.0	0.9446	0.9271	0.9489	0.9628	0.9291	0.9460	0.9797
51.1	0.9533	0.9296	0.9630	0.9633	0.9332	0.9602	0.9782
51.2	0.9528	0.9491	0.9676	0.9704	0.9486	0.9673	0.9793
51.3	0.8933	0.8870	0.9217	0.9277	0.8790	0.9223	0.9615
51.4	0.9259	0.9016	0.9462	0.9344	0.8945	0.9460	0.9569
51.5	0.9751	0.9743	0.9748	0.9765	0.9733	0.9733	0.9823
51.6	0.9794	0.9797	0.9826	0.9790	0.9798	0.9798	0.9818
51.7	0.9655	0.9755	0.9632	0.9672	0.9751	0.9610	0.9764
51.8	0.9773	0.9820	0.9755	0.9747	0.9816	0.9727	0.9828
51.9	0.9692	0.9778	0.9722	0.9764	0.9764	0.9675	0.9854
52.0	0.9636	0.9728	0.9682	0.9733	0.9713	0.9624	0.9775
52.1	0.9703	0.9724	0.9718	0.9765	0.9733	0.9671	0.9831
52.2	0.9836	0.9856	0.9833	0.9830	0.9859	0.9801	0.9842
52.3	0.9664	0.9713	0.9642	0.9729	0.9705	0.9620	0.9728
52.4	0.9612	0.9638	0.9544	0.9707	0.9640	0.9524	0.9677
52.5	0.9791	0.9818	0.9700	0.9787	0.9826	0.9651	0.9842
52.6	0.9749	0.9790	0.9701	0.9778	0.9787	0.9673	0.9840
52.7	0.9332	0.9475	0.9329	0.9565	0.9464	0.9312	0.9728
52.8	0.9217	0.9368	0.9295	0.9392	0.9348	0.9226	0.9637
52.9	0.9087	0.9088	0.9060	0.9201	0.9068	0.9024	0.9445
53.0	0.9620	0.9637	0.9515	0.9599	0.9632	0.9504	0.9742
53.1	0.9747	0.9762	0.9711	0.9704	0.9764	0.9669	0.9826
53.2	0.9574	0.9647	0.9532	0.9580	0.9646	0.9514	0.9702
53.3	0.9509	0.9568	0.9519	0.9527	0.9560	0.9479	0.9592
53.4	0.9350	0.9411	0.9355	0.9297	0.9410	0.9256	0.9503
53.5	0.9007	0.9170	0.8986	0.9053	0.9138	0.8794	0.9376
53.6	0.9140	0.9282	0.9066	0.9264	0.9247	0.8962	0.9482
53.7	0.9109	0.9219	0.9074	0.9336	0.9190	0.9077	0.9506
53.8	0.8658	0.8681	0.8393	0.8910	0.8622	0.8379	0.9357
53.9	0.9234	0.9279	0.9152	0.9253	0.9256	0.9134	0.9513
54.0	0.9625	0.9672	0.9507	0.9632	0.9671	0.9505	0.9728
54.1	0.9677	0.9723	0.9631	0.9689	0.9715	0.9604	0.9741
54.2	0.9279	0.9329	0.9193	0.9385	0.9310	0.9146	0.9469
54.3	0.9192	0.9240	0.9140	0.9294	0.9224	0.9077	0.9407
54.4	0.9380	0.9459	0.9319	0.9516	0.9450	0.9326	0.9468
54.5	0.9299	0.9416	0.9249	0.9488	0.9403	0.9281	0.9360
54.6	0.9556	0.9561	0.9568	0.9627	0.9551	0.9529	0.9553
54.7	0.9311	0.9332	0.9039	0.9505	0.9307	0.9108	0.9468
54.8	0.9194	0.9234	0.8827	0.9504	0.9183	0.8988	0.9400
54.9	0.8943	0.9071	0.8839	0.9282	0.8995	0.8961	0.9180
55.0	0.9384	0.9504	0.9358	0.9629	0.9463	0.9458	0.9435
55.1	0.9631	0.9681	0.9625	0.9795	0.9657	0.9708	0.9608
55.2	0.9502	0.9543	0.9604	0.9685	0.9512	0.9641	0.9530
55.3	0.9310	0.9406	0.9386	0.9660	0.9374	0.9520	0.9337
55.4	0.9315	0.9448	0.9350	0.9730	0.9419	0.9530	0.9390
55.5	0.9087	0.9298	0.8991	0.9618	0.9270	0.9177	0.9380
55.6	0.9240	0.9384	0.9123	0.9616	0.9355	0.9237	0.9399
55.7	0.9297	0.9422	0.9388	0.9617	0.9401	0.9496	0.9362
55.8	0.9329	0.9468	0.9434	0.9728	0.9438	0.9568	0.9371
55.9	0.9326	0.9383	0.9575	0.9709	0.9358	0.9653	0.9430
56.0	0.8784	0.8923	0.8753	0.9469	0.8861	0.9031	0.9235
56.1	0.8589	0.8725	0.8331	0.9332	0.8642	0.8571	0.9073
56.2	0.8913	0.8934	0.9062	0.9442	0.8904	0.9223	0.9136
56.3	0.8881	0.8932	0.9171	0.9487	0.8894	0.9328	0.9113
56.4	0.8919	0.8950	0.9297	0.9496	0.8897	0.9390	0.9124
56.5	0.8876	0.8820	0.9273	0.9446	0.8745	0.9431	0.9021
56.6	0.8854	0.8794	0.9179	0.9547	0.8706	0.9521	0.8936
56.7	0.8689	0.8608	0.9049	0.9406	0.8561	0.9401	0.8880
56.8	0.8467	0.8108	0.8919	0.9221	0.8043	0.9350	0.8551
56.9	0.8297	0.8012	0.8687	0.9129	0.7914	0.9081	0.8429
57.0	0.8607	0.8316	0.9193	0.9298	0.8229	0.9224	0.8936
57.1	0.8622	0.8068	0.9125	0.9283	0.7967	0.9239	0.9121
57.2	0.7619	0.6959	0.7731	0.8759	0.6823	0.7969	0.8396
57.3	0.8228	0.7620	0.8662	0.8992	0.7445	0.8797	0.8507
57.4	0.8525	0.7987	0.8868	0.9223	0.7908	0.9124	0.8715
57.5	0.8074	0.7404	0.8666	0.8991	0.7352	0.8887	0.8350
57.6	0.7985	0.6903	0.8795	0.9091	0.6830	0.9173	0.8566
57.7	0.8216	0.7294	0.8837	0.9004	0.7240	0.9144	0.8684
57.8	0.8392	0.7738	0.8882	0.9111	0.7682	0.9044	0.8859
57.9	0.8680	0.7965	0.9037	0.9269	0.7929	0.9127	0.9062
58.0	0.8281	0.6851	0.8914	0.8869	0.6741	0.8884	0.8896
58.1	0.8446	0.7310	0.9144	0.8886	0.7285	0.8918	0.9008
58.2	0.8267	0.7045	0.8821	0.8895	0.7025	0.8563	0.8742
58.3	0.8073	0.6486	0.8772	0.8493	0.6523	0.8224	0.8654
58.4	0.8544	0.7319	0.8471	0.8652	0.7290	0.8606	0.8712
58.5	0.8131	0.6698	0.8419	0.8420	0.6704	0.8246	0.8846
58.6	0.8376	0.6557	0.8838	0.8517	0.6572	0.8292	0.8958
58.7	0.8118	0.6224	0.8691	0.8194	0.6224	0.7944	0.8647
58.8	0.8039	0.6393	0.8452	0.8177	0.6410	0.7950	0.8679
58.9	0.8167	0.6445	0.8456	0.8357	0.6479	0.8279	0.8858
59.0	0.8112	0.6173	0.8387	0.8326	0.6264	0.8332	0.8824
59.1	0.8302	0.6479	0.8757	0.8212	0.6614	0.8086	0.8960
59.2	0.7595	0.5463	0.8519	0.7381	0.5681	0.7384	0.8740
59.3	0.7855	0.5911	0.8427	0.7856	0.5998	0.7481	0.8808
59.4	0.8586	0.6891	0.8525	0.8678	0.6930	0.8211	0.9132
59.5	0.8496	0.6093	0.8561	0.8499	0.6307	0.8054	0.9235

59.6	0.8269	0.5986	0.8643	0.8108	0.6170	0.7760	0.9212
59.7	0.8025	0.5764	0.8537	0.5816	0.5972	0.7700	0.9133
59.8	0.8378	0.6115	0.8522	0.2169	0.6380	0.7904	0.9352
59.9	0.8961	0.7467	0.8698	0.0460	0.7636	0.8544	0.9299
60.0	0.8646	0.6233	0.8531	0.0564	0.6412	0.8573	0.8888
60.1	0.8414	0.5076	0.8923	0.0255	0.5413	0.8195	0.9398
60.2	0.8525	0.6059	0.8947	0.1696	0.6378	0.8209	0.9484
60.3	0.8758	0.6522	0.8938	0.7820	0.6827	0.8444	0.9590
60.4	0.8472	0.6082	0.8743	0.8346	0.6498	0.7675	0.9512
60.5	0.8563	0.6009	0.8758	0.8566	0.6453	0.7664	0.9471
60.6	0.8521	0.5730	0.8760	0.8670	0.6212	0.7844	0.9565
60.7	0.8377	0.5414	0.8347	0.8377	0.5884	0.7161	0.9487
60.8	0.8275	0.4717	0.8300	0.8402	0.5412	0.7424	0.9455
60.9	0.8347	0.5193	0.8327	0.8480	0.5643	0.7159	0.9450
61.0	0.8597	0.6099	0.8296	0.8647	0.6439	0.7249	0.9467
61.1	0.8704	0.6234	0.8709	0.8832	0.6738	0.7922	0.9575
61.2	0.8678	0.5535	0.8529	0.8634	0.6041	0.7384	0.9645
61.3	0.8504	0.5918	0.8005	0.8770	0.6300	0.7308	0.9543
61.4	0.8523	0.6276	0.8433	0.8727	0.6514	0.7285	0.9577
61.5	0.8708	0.5578	0.8602	0.8695	0.6142	0.6942	0.9552
61.6	0.8383	0.6039	0.8324	0.8758	0.6533	0.7162	0.9460
61.7	0.8401	0.6492	0.8230	0.8725	0.6757	0.7038	0.9562
61.8	0.8735	0.5937	0.8316	0.8816	0.6375	0.6763	0.9657
61.9	0.8978	0.6491	0.7748	0.8897	0.6819	0.7105	0.9679
62.0	0.8696	0.6348	0.7608	0.8610	0.6611	0.7319	0.9563
62.1	0.8621	0.6737	0.8314	0.8741	0.7048	0.7522	0.9578
62.2	0.7986	0.5551	0.7717	0.8502	0.6066	0.6614	0.9305
62.3	0.8258	0.5244	0.8095	0.8214	0.5855	0.6338	0.9330
62.4	0.8708	0.5573	0.8328	0.8315	0.5978	0.6500	0.9510
62.5	0.8599	0.6167	0.8123	0.8203	0.6307	0.7334	0.9559
62.6	0.8759	0.5737	0.8341	0.7763	0.5850	0.6762	0.9601
62.7	0.8261	0.5620	0.7933	0.7528	0.5869	0.6024	0.9521
62.8	0.7964	0.5686	0.7133	0.7305	0.5794	0.6503	0.9467
62.9	0.8648	0.6268	0.7570	0.7880	0.6480	0.7405	0.9623
63.0	0.8521	0.6182	0.7845	0.7830	0.6198	0.6470	0.9486
63.1	0.8388	0.5412	0.8311	0.7780	0.5720	0.6078	0.9400
63.2	0.8430	0.4926	0.8569	0.7955	0.5301	0.6305	0.9395
63.3	0.7996	0.5225	0.8122	0.7523	0.5373	0.6565	0.9161
63.4	0.8229	0.5983	0.8291	0.6883	0.6173	0.6418	0.9373
63.5	0.7877	0.5110	0.7855	0.6497	0.5161	0.5292	0.9253
63.6	0.8401	0.6174	0.8825	0.7361	0.6208	0.7156	0.9498
63.7	0.8808	0.7499	0.8958	0.7615	0.7554	0.7783	0.9646
63.8	0.8736	0.6608	0.8563	0.7465	0.6749	0.6676	0.9619
63.9	0.8478	0.5926	0.8674	0.7194	0.5791	0.5945	0.9586
64.0	0.8496	0.6964	0.8700	0.6934	0.6602	0.6227	0.9597
64.1	0.8492	0.6937	0.8517	0.6500	0.6522	0.5672	0.9492
64.2	0.8477	0.5791	0.8626	0.6042	0.5072	0.4611	0.9486
64.3	0.8057	0.5760	0.8881	0.5865	0.5177	0.5588	0.9531
64.4	0.7724	0.6271	0.8692	0.5338	0.5846	0.5669	0.9466
64.5	0.7567	0.6657	0.8570	0.5462	0.5728	0.5139	0.9488
64.6	0.7452	0.6293	0.8883	0.5348	0.5086	0.4928	0.9489
64.7	0.7165	0.6171	0.8569	0.4856	0.5267	0.5145	0.9333
64.8	0.7212	0.6391	0.8331	0.5551	0.5474	0.5266	0.9071
64.9	0.7168	0.5911	0.8265	0.5105	0.5172	0.5292	0.9122
65.0	0.7087	0.6412	0.8209	0.4714	0.5450	0.5410	0.9190
65.1	0.7017	0.6126	0.8378	0.4548	0.5165	0.5356	0.9166
65.2	0.8057	0.5896	0.8381	0.6189	0.5836	0.6248	0.9221
65.3	0.7210	0.5168	0.8350	0.5110	0.4805	0.5772	0.9293
65.4	0.6709	0.5561	0.8022	0.4510	0.4481	0.3827	0.8994
65.5	0.7114	0.6218	0.8104	0.4532	0.5207	0.3694	0.8909
65.6	0.7161	0.5809	0.8192	0.4379	0.4749	0.4517	0.9026
65.7	0.6166	0.5338	0.8025	0.3804	0.4233	0.4223	0.8803
65.8	0.6646	0.5545	0.7254	0.3861	0.4415	0.3890	0.8425
65.9	0.7329	0.5359	0.7886	0.5280	0.4661	0.4852	0.8636
66.0	0.6251	0.5737	0.7926	0.3794	0.4931	0.3091	0.8585
66.1	0.6416	0.6971	0.8437	0.4385	0.6192	0.4688	0.9058
66.2	0.6366	0.6114	0.8465	0.4410	0.5371	0.4501	0.9034
66.3	0.5898	0.6039	0.7647	0.3817	0.5463	0.4186	0.8545
66.4	0.6107	0.6093	0.7973	0.3165	0.5262	0.3769	0.8661
66.5	0.6309	0.5238	0.8416	0.3766	0.4511	0.3985	0.8752
66.6	0.5966	0.5596	0.8083	0.3874	0.4690	0.3745	0.8663
66.7	0.5434	0.5485	0.7591	0.3521	0.4340	0.3760	0.8371
66.8	0.4300	0.3968	0.7935	0.2836	0.2862	0.4298	0.8561
66.9	0.5516	0.5010	0.7983	0.2652	0.4246	0.3473	0.8875
67.0	0.4904	0.5073	0.7814	0.2536	0.4432	0.3561	0.8565
67.1	0.4637	0.5032	0.7746	0.3568	0.4364	0.4308	0.8283
67.2	0.4593	0.5304	0.7766	0.3811	0.4702	0.5082	0.8456
67.3	0.5437	0.5018	0.7593	0.4382	0.4350	0.5065	0.8404
67.4	0.4651	0.4148	0.7562	0.3710	0.3452	0.5698	0.8447
67.5	0.4153	0.4497	0.7298	0.2759	0.3676	0.5841	0.8454
67.6	0.3302	0.4719	0.7978	0.2313	0.3817	0.5909	0.8700
67.7	0.3618	0.4092	0.7325	0.1857	0.3310	0.4758	0.8399
67.8	0.4772	0.4374	0.7341	0.2184	0.3892	0.4029	0.8464
67.9	0.3681	0.4483	0.8475	0.1595	0.3610	0.3890	0.8818
68.0	0.4221	0.4469	0.8018	0.2340	0.3730	0.3412	0.8653
68.1	0.3107	0.4264	0.7695	0.2859	0.3754	0.4288	0.8223

68.2	0.3478	0.4054	0.7964	0.2815	0.3278	0.5482	0.8656
68.3	0.5299	0.4618	0.7889	0.1373	0.3539	0.4689	0.8405
68.4	0.3922	0.2593	0.7807	0.0647	0.1598	0.4736	0.8219
68.5	0.4228	0.3644	0.8421	0.1229	0.2506	0.5399	0.8954
68.6	0.2750	0.2684	0.8403	0.1017	0.1640	0.5284	0.8859
68.7	0.3455	0.2847	0.8494	0.1002	0.1696	0.5599	0.8936
68.8	0.4301	0.3062	0.8210	0.1297	0.2233	0.3135	0.8675
68.9	0.3284	0.2410	0.7989	0.0788	0.1651	0.3043	0.8359
69.0	0.3065	0.3150	0.8419	0.1111	0.1898	0.5358	0.8831
69.1	0.4435	0.3864	0.8826	0.1417	0.2513	0.6073	0.9081
69.2	0.4402	0.4218	0.8795	0.1038	0.2893	0.6218	0.8865
69.3	0.3720	0.4218	0.8711	0.1447	0.3090	0.5849	0.8874
69.4	0.2649	0.3467	0.8573	0.1945	0.2438	0.4858	0.8979
69.5	0.3893	0.4161	0.8710	0.2489	0.2866	0.6901	0.9390
69.6	0.4253	0.3876	0.8807	0.2347	0.2436	0.6846	0.9472
69.7	0.3280	0.3098	0.8638	0.1448	0.1963	0.6731	0.9180
69.8	0.4584	0.4508	0.8774	0.3739	0.3351	0.7258	0.9216
69.9	0.6116	0.6133	0.9161	0.5070	0.4724	0.7821	0.9523
70.0	0.4614	0.4631	0.8829	0.3704	0.2919	0.7075	0.9353
70.1	0.2457	0.3416	0.8854	0.3475	0.2143	0.6373	0.9389
70.2	0.3564	0.5158	0.9104	0.4263	0.3940	0.7029	0.9507
70.3	0.4397	0.5317	0.8672	0.4338	0.4091	0.7159	0.9129
70.4	0.4422	0.4921	0.8909	0.3645	0.3345	0.7146	0.9271
70.5	0.4857	0.5656	0.8976	0.4691	0.4210	0.7550	0.9391
70.6	0.5650	0.6325	0.8974	0.5492	0.5027	0.7302	0.9499
70.7	0.5890	0.6559	0.9053	0.6044	0.5389	0.6726	0.9497
70.8	0.5283	0.6101	0.9196	0.6063	0.4870	0.7409	0.9565
70.9	0.4656	0.5554	0.9206	0.5088	0.4203	0.7228	0.9418
71.0	0.5279	0.5960	0.9097	0.4626	0.4344	0.7166	0.9259
71.1	0.4989	0.6061	0.8979	0.5112	0.4560	0.7432	0.9337
71.2	0.4476	0.5681	0.8892	0.5898	0.4348	0.6661	0.9457
71.3	0.4600	0.5650	0.9170	0.5136	0.4395	0.6891	0.9427
71.4	0.4063	0.5446	0.9127	0.5466	0.4522	0.6497	0.9376
71.5	0.3634	0.5390	0.8939	0.5794	0.4274	0.6319	0.9423
71.6	0.4054	0.5722	0.8753	0.5374	0.4438	0.6621	0.9395
71.7	0.4337	0.6166	0.8912	0.5548	0.5160	0.7352	0.9280
71.8	0.5466	0.6387	0.9103	0.5949	0.5529	0.6854	0.9285
71.9	0.6324	0.7016	0.9156	0.6932	0.6211	0.7641	0.9590
72.0	0.5853	0.6625	0.9007	0.6443	0.5854	0.7501	0.9562
72.1	0.6613	0.7267	0.9179	0.7144	0.6608	0.8211	0.9573
72.2	0.6452	0.6889	0.9185	0.6687	0.6195	0.7792	0.9356
72.3	0.6255	0.6992	0.9186	0.6754	0.6164	0.7935	0.9459
72.4	0.6524	0.7185	0.9005	0.6960	0.6381	0.7633	0.9328
72.5	0.5090	0.5995	0.9061	0.5776	0.5171	0.7142	0.9136
72.6	0.6407	0.7204	0.9155	0.7179	0.6555	0.7753	0.9378
72.7	0.6842	0.7795	0.9419	0.8024	0.7227	0.8248	0.9607
72.8	0.7331	0.8027	0.9463	0.7996	0.7521	0.8503	0.9518
72.9	0.7442	0.7978	0.9383	0.8194	0.7651	0.8253	0.9460
73.0	0.7125	0.7772	0.9344	0.7771	0.7291	0.8445	0.9443
73.1	0.7509	0.8085	0.9338	0.7816	0.7574	0.8580	0.9467
73.2	0.7131	0.7651	0.9203	0.7542	0.7049	0.8245	0.9275
73.3	0.7449	0.7788	0.9203	0.7823	0.7368	0.8582	0.9401
73.4	0.7791	0.8243	0.9187	0.8343	0.8038	0.8254	0.9504
73.5	0.7753	0.8344	0.9258	0.8320	0.8012	0.8607	0.9653
73.6	0.8234	0.8681	0.9291	0.8604	0.8407	0.8994	0.9648
73.7	0.7756	0.8151	0.9205	0.8057	0.7740	0.8905	0.9579
73.8	0.7653	0.8025	0.9218	0.8038	0.7729	0.8904	0.9607
73.9	0.7898	0.8259	0.9374	0.8277	0.8005	0.8846	0.9666
74.0	0.7899	0.8290	0.9247	0.8209	0.7995	0.8841	0.9627
74.1	0.8309	0.8638	0.9400	0.8648	0.8458	0.9178	0.9665
74.2	0.9067	0.9214	0.9489	0.9217	0.9062	0.9477	0.9785
74.3	0.8658	0.8931	0.9407	0.8774	0.8679	0.9240	0.9693
74.4	0.8590	0.8901	0.9368	0.8876	0.8712	0.9222	0.9720
74.5	0.8697	0.8934	0.9361	0.8924	0.8717	0.9303	0.9728
74.6	0.8741	0.8818	0.9439	0.8771	0.8587	0.9174	0.9689
74.7	0.8192	0.8417	0.9256	0.8313	0.8145	0.8987	0.9709
74.8	0.9013	0.9120	0.9388	0.9110	0.8972	0.9227	0.9780
74.9	0.9058	0.9161	0.9552	0.9078	0.8982	0.9505	0.9805
75.0	0.8686	0.9001	0.9442	0.8885	0.8783	0.9487	0.9728
75.1	0.9039	0.9146	0.9460	0.9037	0.8996	0.9458	0.9748
75.2	0.8677	0.8874	0.9114	0.8722	0.8681	0.9179	0.9564
75.3	0.8744	0.8937	0.9464	0.8831	0.8733	0.9366	0.9692
75.4	0.8832	0.8988	0.9541	0.8955	0.8777	0.9407	0.9768
75.5	0.8761	0.8917	0.9315	0.8855	0.8663	0.9342	0.9768
75.6	0.9120	0.9224	0.9401	0.9060	0.9039	0.9401	0.9837
75.7	0.9304	0.9401	0.9461	0.9234	0.9222	0.9501	0.9819
75.8	0.9291	0.9378	0.9324	0.9165	0.9201	0.9554	0.9788
75.9	0.9159	0.9272	0.9368	0.9079	0.9099	0.9465	0.9770
76.0	0.9083	0.9156	0.9311	0.8923	0.8974	0.9397	0.9769
76.1	0.8905	0.8994	0.9193	0.8678	0.8694	0.9347	0.9758
76.2	0.9183	0.9221	0.9219	0.8966	0.9026	0.9376	0.9789
76.3	0.9111	0.9175	0.9359	0.8995	0.8968	0.9499	0.9783
76.4	0.9107	0.9334	0.9329	0.9126	0.9169	0.9484	0.9808
76.5	0.9072	0.9242	0.9215	0.8894	0.9063	0.9329	0.9781
76.6	0.9169	0.9386	0.9260	0.9168	0.9254	0.9469	0.9825
76.7	0.9208	0.9407	0.9361	0.9189	0.9230	0.9564	0.9810

76.8	0.9046	0.9134	0.9440	0.8750	0.8833	0.9620	0.9758
76.9	0.9025	0.9173	0.9249	0.8799	0.8855	0.9450	0.9697
77.0	0.9186	0.9376	0.9216	0.9129	0.9162	0.9435	0.9780
77.1	0.9179	0.9463	0.9015	0.9163	0.9307	0.9437	0.9799
77.2	0.9120	0.9330	0.9082	0.8987	0.9108	0.9449	0.9819
77.3	0.9160	0.9457	0.8967	0.9137	0.9295	0.9367	0.9815
77.4	0.9111	0.9464	0.8655	0.9172	0.9339	0.9203	0.9791
77.5	0.9164	0.9454	0.8472	0.9113	0.9324	0.9092	0.9794
77.6	0.9360	0.9449	0.8764	0.8993	0.9231	0.9369	0.9807
77.7	0.9392	0.9536	0.8593	0.9363	0.9396	0.9379	0.9806
77.8	0.9432	0.9613	0.8226	0.9464	0.9519	0.9095	0.9799
77.9	0.9508	0.9591	0.8267	0.9309	0.9503	0.9132	0.9744
78.0	0.9431	0.9526	0.8553	0.9286	0.9407	0.9246	0.9763
78.1	0.9454	0.9538	0.8192	0.9324	0.9430	0.9053	0.9771
78.2	0.9273	0.9428	0.7549	0.9225	0.9381	0.8475	0.9766
78.3	0.9211	0.9337	0.7146	0.9143	0.9300	0.8061	0.9797
78.4	0.9487	0.9530	0.7679	0.9378	0.9496	0.8675	0.9849
78.5	0.9536	0.9629	0.7280	0.9508	0.9592	0.8794	0.9844
78.6	0.9527	0.9654	0.7212	0.9438	0.9603	0.8506	0.9773
78.7	0.9473	0.9589	0.7242	0.9341	0.9554	0.8374	0.9819
78.8	0.9491	0.9639	0.6840	0.9502	0.9641	0.7555	0.9795
78.9	0.9440	0.9671	0.6537	0.9486	0.9659	0.6797	0.9833
79.0	0.9323	0.9597	0.6126	0.9455	0.9565	0.6236	0.9760
79.1	0.9242	0.9487	0.1550	0.9431	0.9445	0.6572	0.9743
79.2	0.9608	0.9674	0.1124	0.9552	0.9635	0.8365	0.9861
79.3	0.9545	0.9665	0.3431	0.9514	0.9633	0.8364	0.9850
79.4	0.9388	0.9533	0.2224	0.9412	0.9492	0.8042	0.9817
79.5	0.9412	0.9580	0.2293	0.9289	0.9513	0.8024	0.9810
79.6	0.9435	0.9616	0.2308	0.9400	0.9569	0.7117	0.9859
79.7	0.9399	0.9591	0.2572	0.9366	0.9538	0.7242	0.9841
79.8	0.9458	0.9621	0.2179	0.9441	0.9577	0.7435	0.9849
79.9	0.9424	0.9578	0.2668	0.9484	0.9534	0.7467	0.9814
80.0	0.9243	0.9533	0.2794	0.9405	0.9465	0.7291	0.9782

2.2.109 Run 11 – IP000NVP – Accels 1–8

In-plane shaking at 0° with no vertical shake plate. Accelerometers 1–8.

f (Hz)	acc1	acc2	acc3	acc4	acc5	acc6	acc7	acc8
0.0	0.7102	0.9843	0.1664	0.9851	0.1873	0.5249	0.4216	0.1528
0.1	0.4334	0.9182	0.0512	0.9213	0.0435	0.2814	0.1667	0.0950
0.2	0.0015	0.0115	0.0318	0.0473	0.0528	0.0343	0.0079	0.0113
0.3	0.0136	0.0062	0.0014	0.0139	0.0385	0.0112	0.0060	0.0258
0.4	0.0430	0.0133	0.0118	0.0278	0.0068	0.0489	0.0217	0.0415
0.5	0.0637	0.0509	0.1424	0.0386	0.0061	0.0442	0.0098	0.0163
0.6	0.0049	0.0039	0.0029	0.0157	0.0001	0.0074	0.0187	0.0682
0.7	0.0299	0.0045	0.0232	0.0096	0.0381	0.0356	0.0131	0.0733
0.8	0.0506	0.0369	0.0153	0.0415	0.1519	0.0124	0.0204	0.0217
0.9	0.0659	0.0646	0.0264	0.0408	0.0407	0.0468	0.0061	0.0859
1.0	0.0480	0.0467	0.0186	0.0158	0.1612	0.0039	0.0103	0.0468
1.1	0.0201	0.0199	0.0233	0.0254	0.6627	0.0030	0.0714	0.2157
1.2	0.0040	0.0088	0.0069	0.0039	0.9023	0.1473	0.0535	0.6158
1.3	0.0596	0.0900	0.0372	0.0103	0.9324	0.2092	0.0470	0.7101
1.4	0.1639	0.1814	0.0007	0.0009	0.9550	0.2707	0.0411	0.8745
1.5	0.1796	0.1983	0.0296	0.0298	0.9664	0.3556	0.2691	0.7290
1.6	0.3426	0.3880	0.0169	0.1188	0.9761	0.7704	0.5734	0.8181
1.7	0.6298	0.6680	0.0080	0.2283	0.9740	0.8983	0.8044	0.9558
1.8	0.8957	0.9053	0.0527	0.3456	0.9787	0.9394	0.9509	0.9749
1.9	0.9448	0.9516	0.0856	0.6504	0.9556	0.8849	0.9494	0.9531
2.0	0.9558	0.9583	0.1982	0.7923	0.9657	0.8688	0.9698	0.9632
2.1	0.9161	0.9191	0.3080	0.7140	0.9165	0.6859	0.9310	0.9077
2.2	0.7959	0.8038	0.4302	0.5173	0.7794	0.4995	0.7962	0.7747
2.3	0.2420	0.2415	0.1610	0.2004	0.2257	0.0404	0.2490	0.2232
2.4	0.6707	0.6847	0.0356	0.4241	0.7626	0.7587	0.7002	0.7640
2.5	0.8545	0.8644	0.0262	0.5707	0.9469	0.9111	0.8796	0.9477
2.6	0.8670	0.8728	0.0558	0.5565	0.9730	0.9538	0.9029	0.9739
2.7	0.8586	0.8645	0.0619	0.4815	0.9799	0.9534	0.8649	0.9808
2.8	0.8823	0.8689	0.1177	0.4885	0.9932	0.9724	0.9062	0.9939
2.9	0.8191	0.7813	0.0099	0.6068	0.9953	0.9831	0.8280	0.9958
3.0	0.8185	0.7881	0.0210	0.6026	0.9975	0.9891	0.6154	0.9978
3.1	0.7187	0.6414	0.0334	0.4984	0.9975	0.9880	0.4943	0.9979
3.2	0.5435	0.3500	0.0284	0.4200	0.9984	0.9876	0.8074	0.9988
3.3	0.1741	0.0839	0.0531	0.3055	0.9985	0.9816	0.8804	0.9988
3.4	0.1630	0.4862	0.0958	0.1346	0.9990	0.9898	0.9624	0.9992
3.5	0.3330	0.6718	0.1007	0.1332	0.9993	0.9937	0.9802	0.9995
3.6	0.4453	0.7321	0.1895	0.1361	0.9993	0.9900	0.9810	0.9995
3.7	0.4945	0.7605	0.1603	0.0350	0.9991	0.9845	0.9847	0.9995
3.8	0.5907	0.8130	0.0455	0.0244	0.9993	0.9854	0.9853	0.9996
3.9	0.6890	0.8536	0.0182	0.0531	0.9993	0.9818	0.9906	0.9996
4.0	0.7021	0.8553	0.0131	0.0952	0.9993	0.9771	0.9926	0.9996
4.1	0.8181	0.9158	0.0420	0.1448	0.9994	0.9793	0.9941	0.9996
4.2	0.7627	0.8794	0.0115	0.1198	0.9992	0.9706	0.9907	0.9996
4.3	0.8493	0.9184	0.0233	0.1750	0.9989	0.9637	0.9936	0.9993
4.4	0.8943	0.9437	0.1054	0.1641	0.9991	0.9614	0.9950	0.9994
4.5	0.8745	0.9308	0.0650	0.3375	0.9992	0.9623	0.9954	0.9994
4.6	0.8619	0.9238	0.0916	0.4018	0.9986	0.9635	0.9947	0.9992
4.7	0.8359	0.9159	0.0790	0.3506	0.9978	0.9465	0.9942	0.9990
4.8	0.8654	0.9299	0.0121	0.5453	0.9978	0.9493	0.9952	0.9990
4.9	0.9024	0.9446	0.0542	0.5619	0.9978	0.9380	0.9961	0.9991
5.0	0.9099	0.9559	0.1385	0.6024	0.9974	0.9209	0.9960	0.9988
5.1	0.9115	0.9559	0.1251	0.6875	0.9962	0.8851	0.9936	0.9986
5.2	0.9150	0.9594	0.1521	0.6987	0.9960	0.9121	0.9964	0.9985
5.3	0.9288	0.9634	0.1309	0.7407	0.9953	0.8951	0.9961	0.9980
5.4	0.9140	0.9533	0.1145	0.7819	0.9937	0.8879	0.9964	0.9976
5.5	0.9080	0.9456	0.0473	0.7630	0.9912	0.8973	0.9937	0.9968
5.6	0.9385	0.9657	0.1812	0.8714	0.9940	0.9115	0.9969	0.9977
5.7	0.9512	0.9746	0.1972	0.9238	0.9943	0.9385	0.9957	0.9981
5.8	0.9411	0.9691	0.1202	0.9125	0.9913	0.9396	0.9970	0.9970
5.9	0.9162	0.9574	0.1315	0.9271	0.9938	0.9460	0.9976	0.9974
6.0	0.9359	0.9654	0.0765	0.9314	0.9939	0.9529	0.9963	0.9978
6.1	0.9579	0.9775	0.0522	0.9456	0.9954	0.9572	0.9966	0.9983
6.2	0.9561	0.9744	0.1063	0.9525	0.9953	0.9617	0.9947	0.9985
6.3	0.9575	0.9776	0.1244	0.9584	0.9948	0.9606	0.9919	0.9985
6.4	0.9616	0.9772	0.1395	0.9531	0.9940	0.9412	0.9881	0.9982
6.5	0.9728	0.9835	0.2376	0.9705	0.9946	0.9429	0.9931	0.9981
6.6	0.9733	0.9833	0.2616	0.9668	0.9951	0.9407	0.9885	0.9975
6.7	0.9731	0.9850	0.2183	0.9786	0.9968	0.9226	0.9903	0.9979
6.8	0.9630	0.9806	0.1874	0.9578	0.9952	0.9110	0.9751	0.9952
6.9	0.9648	0.9809	0.2100	0.9495	0.9947	0.9275	0.9662	0.9914
7.0	0.9604	0.9747	0.1944	0.9096	0.9937	0.8765	0.9294	0.9776
7.1	0.9611	0.9726	0.2981	0.9108	0.9924	0.8865	0.9211	0.9641
7.2	0.9482	0.9632	0.2405	0.9188	0.9897	0.8105	0.9218	0.9519
7.3	0.9448	0.9632	0.1938	0.9520	0.9899	0.4387	0.9484	0.9566
7.4	0.9173	0.9473	0.1059	0.9171	0.9949	0.7689	0.9027	0.8620
7.5	0.9340	0.9567	0.1069	0.9533	0.9961	0.8982	0.9408	0.8766
7.6	0.9437	0.9693	0.0682	0.9811	0.9959	0.9518	0.9722	0.9471
7.7	0.9513	0.9752	0.0572	0.9871	0.9947	0.9420	0.9830	0.9785
7.8	0.9597	0.9789	0.0997	0.9913	0.9945	0.9397	0.9908	0.9902
7.9	0.9674	0.9835	0.1664	0.9907	0.9949	0.9134	0.9907	0.9933

8.0	0.9715	0.9841	0.1988	0.9920	0.9951	0.8968	0.9891	0.9919
8.1	0.9659	0.9834	0.1324	0.9946	0.9950	0.9052	0.9956	0.9955
8.2	0.9718	0.9866	0.0925	0.9934	0.9940	0.9265	0.9942	0.9964
8.3	0.9872	0.9924	0.1724	0.9966	0.9952	0.9370	0.9970	0.9970
8.4	0.9829	0.9899	0.1853	0.9968	0.9951	0.9304	0.9974	0.9960
8.5	0.9775	0.9868	0.2118	0.9953	0.9942	0.9153	0.9979	0.9959
8.6	0.9804	0.9884	0.3565	0.9945	0.9942	0.9047	0.9985	0.9964
8.7	0.9803	0.9876	0.2559	0.9926	0.9943	0.9220	0.9976	0.9924
8.8	0.9819	0.9889	0.2519	0.9915	0.9931	0.9304	0.9978	0.9918
8.9	0.9823	0.9891	0.2614	0.9905	0.9910	0.8755	0.9974	0.9904
9.0	0.9759	0.9829	0.2343	0.9843	0.9900	0.8801	0.9972	0.9762
9.1	0.9757	0.9826	0.2586	0.9803	0.9846	0.9440	0.9922	0.9792
9.2	0.9608	0.9696	0.4051	0.9557	0.9689	0.9201	0.9818	0.9540
9.3	0.9602	0.9681	0.3927	0.9489	0.9759	0.9414	0.9713	0.9513
9.4	0.9654	0.9714	0.4092	0.9623	0.9878	0.9469	0.9707	0.9627
9.5	0.9079	0.9172	0.1933	0.9208	0.9865	0.9282	0.9275	0.9269
9.6	0.9344	0.9391	0.2298	0.9589	0.9952	0.9613	0.9580	0.9627
9.7	0.9115	0.9304	0.3374	0.9662	0.9972	0.9662	0.9663	0.9689
9.8	0.9278	0.9509	0.2131	0.9807	0.9981	0.9629	0.9831	0.9846
9.9	0.8786	0.9341	0.0925	0.9683	0.9980	0.9581	0.9847	0.9802
10.0	0.9187	0.9664	0.1008	0.9779	0.9983	0.9585	0.9943	0.9896
10.1	0.9364	0.9707	0.2501	0.9586	0.9979	0.9381	0.9957	0.9819
10.2	0.9482	0.9781	0.2095	0.9686	0.9985	0.9185	0.9958	0.9852
10.3	0.9490	0.9799	0.1765	0.9707	0.9980	0.9005	0.9930	0.9872
10.4	0.9489	0.9786	0.2338	0.9706	0.9973	0.8349	0.9896	0.9838
10.5	0.9712	0.9874	0.2997	0.9701	0.9980	0.8182	0.9931	0.9868
10.6	0.9611	0.9832	0.2819	0.9477	0.9978	0.7418	0.9871	0.9749
10.7	0.9752	0.9893	0.3641	0.9156	0.9980	0.7520	0.9902	0.9735
10.8	0.9762	0.9895	0.3125	0.9074	0.9979	0.6771	0.9920	0.9709
10.9	0.9748	0.9888	0.3298	0.8150	0.9980	0.5625	0.9947	0.9663
11.0	0.9744	0.9889	0.2942	0.7523	0.9975	0.3911	0.9952	0.9540
11.1	0.9798	0.9905	0.2769	0.7094	0.9981	0.2607	0.9944	0.9205
11.2	0.9786	0.9896	0.2889	0.6557	0.9978	0.1004	0.9941	0.8891
11.3	0.9756	0.9876	0.3702	0.5720	0.9970	0.0310	0.9917	0.7698
11.4	0.9801	0.9907	0.2916	0.4816	0.9978	0.1191	0.9911	0.7155
11.5	0.9858	0.9940	0.1710	0.4668	0.9978	0.1809	0.9913	0.6869
11.6	0.9831	0.9922	0.1544	0.5515	0.9970	0.2761	0.9911	0.6568
11.7	0.9847	0.9928	0.2091	0.6586	0.9974	0.3175	0.9938	0.7893
11.8	0.9805	0.9894	0.1954	0.5907	0.9967	0.3213	0.9923	0.7964
11.9	0.9827	0.9902	0.1780	0.7604	0.9978	0.4622	0.9928	0.8763
12.0	0.9890	0.9942	0.0765	0.8061	0.9980	0.5133	0.9908	0.9238
12.1	0.9883	0.9944	0.2859	0.8459	0.9976	0.3859	0.9912	0.9481
12.2	0.9881	0.9946	0.2449	0.8649	0.9978	0.4463	0.9909	0.9631
12.3	0.9915	0.9959	0.1936	0.8917	0.9976	0.4061	0.9893	0.9657
12.4	0.9913	0.9957	0.3143	0.9024	0.9973	0.3806	0.9868	0.9733
12.5	0.9874	0.9944	0.2114	0.8888	0.9963	0.4357	0.9809	0.9672
12.6	0.9894	0.9947	0.1636	0.8669	0.9965	0.4807	0.9698	0.9752
12.7	0.9905	0.9957	0.0762	0.8577	0.9966	0.4442	0.9636	0.9823
12.8	0.9921	0.9965	0.0668	0.8656	0.9982	0.5657	0.9634	0.9876
12.9	0.9935	0.9966	0.2078	0.8700	0.9979	0.6630	0.9608	0.9898
13.0	0.9905	0.9951	0.0890	0.8646	0.9965	0.7178	0.9287	0.9863
13.1	0.9888	0.9940	0.1336	0.8318	0.9967	0.7887	0.8668	0.9885
13.2	0.9926	0.9962	0.2119	0.8052	0.9979	0.8250	0.8607	0.9900
13.3	0.9912	0.9960	0.1573	0.7846	0.9978	0.8229	0.8500	0.9858
13.4	0.9931	0.9966	0.3033	0.8624	0.9981	0.8842	0.8634	0.9875
13.5	0.9939	0.9969	0.3407	0.8610	0.9982	0.9108	0.8296	0.9889
13.6	0.9920	0.9958	0.3258	0.8420	0.9979	0.8975	0.7645	0.9863
13.7	0.9942	0.9968	0.4624	0.8599	0.9981	0.9034	0.8064	0.9884
13.8	0.9938	0.9967	0.4590	0.8491	0.9979	0.8913	0.7976	0.9880
13.9	0.9919	0.9957	0.3456	0.8163	0.9962	0.8636	0.7318	0.9836
14.0	0.9926	0.9959	0.5210	0.8598	0.9960	0.8691	0.7900	0.9878
14.1	0.9939	0.9967	0.3710	0.8881	0.9971	0.8918	0.7846	0.9903
14.2	0.9940	0.9969	0.2872	0.8951	0.9968	0.8359	0.7798	0.9892
14.3	0.9939	0.9971	0.3003	0.8890	0.9963	0.7087	0.7391	0.9901
14.4	0.9944	0.9971	0.2891	0.9166	0.9967	0.6766	0.7489	0.9918
14.5	0.9952	0.9976	0.3156	0.9158	0.9970	0.7122	0.7900	0.9926
14.6	0.9937	0.9969	0.3527	0.9116	0.9963	0.6661	0.7494	0.9907
14.7	0.9931	0.9966	0.3375	0.9282	0.9971	0.6158	0.8451	0.9937
14.8	0.9941	0.9970	0.4391	0.9374	0.9978	0.5301	0.8451	0.9956
14.9	0.9949	0.9971	0.4016	0.9247	0.9976	0.3559	0.7891	0.9940
15.0	0.9930	0.9962	0.2373	0.8992	0.9969	0.2918	0.7117	0.9931
15.1	0.9953	0.9976	0.1504	0.9072	0.9978	0.3789	0.7350	0.9953
15.2	0.9967	0.9981	0.1378	0.9293	0.9983	0.4358	0.7894	0.9963
15.3	0.9960	0.9977	0.2643	0.9363	0.9979	0.3321	0.7595	0.9959
15.4	0.9954	0.9973	0.3137	0.9350	0.9969	0.2237	0.7722	0.9952
15.5	0.9966	0.9981	0.3598	0.9374	0.9968	0.0852	0.7045	0.9959
15.6	0.9952	0.9977	0.2176	0.9329	0.9970	0.0030	0.6153	0.9960
15.7	0.9957	0.9976	0.2400	0.9518	0.9971	0.0149	0.7063	0.9960
15.8	0.9958	0.9978	0.2648	0.9465	0.9964	0.0462	0.5810	0.9955
15.9	0.9962	0.9981	0.3018	0.9597	0.9966	0.4441	0.4892	0.9959
16.0	0.9966	0.9984	0.2972	0.9642	0.9967	0.6769	0.3445	0.9965
16.1	0.9967	0.9982	0.3499	0.9619	0.9969	0.6866	0.1439	0.9964
16.2	0.9971	0.9984	0.2717	0.9597	0.9968	0.7075	0.1106	0.9950
16.3	0.9959	0.9977	0.3196	0.9613	0.9962	0.7075	0.1926	0.9944
16.4	0.9950	0.9972	0.2585	0.9679	0.9953	0.7602	0.3923	0.9944
16.5	0.9967	0.9980	0.3869	0.9780	0.9964	0.8356	0.7000	0.9958

16.6	0.9966	0.9981	0.5068	0.9696	0.9958	0.8436	0.7725	0.9940
16.7	0.9968	0.9982	0.5689	0.9579	0.9955	0.8402	0.8304	0.9929
16.8	0.9959	0.9978	0.4387	0.9551	0.9938	0.8407	0.8094	0.9928
16.9	0.9963	0.9979	0.4000	0.9624	0.9936	0.8842	0.8000	0.9903
17.0	0.9959	0.9975	0.5472	0.9640	0.9916	0.8744	0.8200	0.9909
17.1	0.9962	0.9978	0.5972	0.9700	0.9941	0.8608	0.8756	0.9928
17.2	0.9973	0.9985	0.6097	0.9746	0.9955	0.8415	0.9128	0.9906
17.3	0.9980	0.9987	0.6278	0.9714	0.9953	0.8588	0.9445	0.9939
17.4	0.9976	0.9985	0.4304	0.9661	0.9945	0.8861	0.9520	0.9931
17.5	0.9971	0.9983	0.3260	0.9587	0.9950	0.8660	0.9622	0.9922
17.6	0.9966	0.9980	0.4675	0.9593	0.9952	0.8481	0.9772	0.9922
17.7	0.9966	0.9980	0.5077	0.9650	0.9948	0.8233	0.9774	0.9924
17.8	0.9955	0.9976	0.4582	0.9562	0.9939	0.7858	0.9743	0.9931
17.9	0.9971	0.9984	0.5463	0.9693	0.9951	0.8402	0.9868	0.9948
18.0	0.9974	0.9986	0.5180	0.9694	0.9953	0.7694	0.9853	0.9945
18.1	0.9969	0.9983	0.3825	0.9705	0.9948	0.6892	0.9885	0.9952
18.2	0.9972	0.9983	0.4033	0.9716	0.9940	0.7322	0.9898	0.9957
18.3	0.9974	0.9984	0.5235	0.9687	0.9914	0.7940	0.9871	0.9953
18.4	0.9971	0.9980	0.6003	0.9448	0.9901	0.8213	0.9778	0.9959
18.5	0.9973	0.9983	0.6959	0.9476	0.9906	0.8564	0.9359	0.9955
18.6	0.9968	0.9978	0.7435	0.9452	0.9886	0.7265	0.7436	0.9933
18.7	0.9978	0.9986	0.8022	0.9659	0.9879	0.4778	0.9089	0.9942
18.8	0.9973	0.9983	0.7240	0.9694	0.9840	0.3370	0.9764	0.9961
18.9	0.9973	0.9983	0.6107	0.9739	0.9794	0.5201	0.9866	0.9951
19.0	0.9978	0.9987	0.7463	0.9820	0.9777	0.6461	0.9910	0.9960
19.1	0.9979	0.9986	0.7555	0.9794	0.9767	0.6938	0.9917	0.9958
19.2	0.9981	0.9987	0.6791	0.9788	0.9801	0.7479	0.9902	0.9961
19.3	0.9979	0.9983	0.7505	0.9766	0.9774	0.8121	0.9925	0.9952
19.4	0.9970	0.9980	0.6858	0.9673	0.9650	0.8104	0.9905	0.9913
19.5	0.9980	0.9987	0.7010	0.9768	0.9700	0.8751	0.9952	0.9935
19.6	0.9974	0.9981	0.6552	0.9738	0.9523	0.8817	0.9955	0.9919
19.7	0.9975	0.9983	0.7635	0.9721	0.9471	0.8604	0.9951	0.9892
19.8	0.9978	0.9985	0.8044	0.9792	0.9613	0.9051	0.9966	0.9907
19.9	0.9977	0.9985	0.8388	0.9728	0.9663	0.8911	0.9966	0.9915
20.0	0.9979	0.9984	0.9143	0.9723	0.9655	0.8708	0.9969	0.9890
20.1	0.9976	0.9983	0.9033	0.9715	0.9552	0.8466	0.9970	0.9845
20.2	0.9970	0.9980	0.8443	0.9619	0.9454	0.7456	0.9971	0.9774
20.3	0.9977	0.9985	0.8637	0.9584	0.9671	0.6819	0.9977	0.9836
20.4	0.9978	0.9982	0.8811	0.9623	0.9627	0.7226	0.9980	0.9797
20.5	0.9982	0.9986	0.8698	0.9585	0.9684	0.6518	0.9983	0.9761
20.6	0.9976	0.9982	0.8519	0.9558	0.9665	0.5711	0.9980	0.9740
20.7	0.9974	0.9980	0.8080	0.9498	0.9625	0.5967	0.9973	0.9682
20.8	0.9974	0.9981	0.7707	0.9324	0.9675	0.7294	0.9973	0.9699
20.9	0.9971	0.9979	0.8368	0.9451	0.9713	0.7734	0.9975	0.9769
21.0	0.9975	0.9982	0.8815	0.9496	0.9787	0.7015	0.9977	0.9833
21.1	0.9978	0.9985	0.8712	0.9339	0.9807	0.6106	0.9981	0.9861
21.2	0.9976	0.9982	0.8688	0.9365	0.9854	0.4952	0.9979	0.9895
21.3	0.9980	0.9984	0.8872	0.9365	0.9893	0.4280	0.9971	0.9933
21.4	0.9980	0.9987	0.8857	0.9455	0.9901	0.4717	0.9966	0.9948
21.5	0.9979	0.9984	0.8811	0.9443	0.9886	0.4811	0.9977	0.9932
21.6	0.9970	0.9977	0.8943	0.9356	0.9867	0.4878	0.9972	0.9930
21.7	0.9969	0.9978	0.9157	0.9352	0.9875	0.6036	0.9965	0.9942
21.8	0.9968	0.9975	0.9039	0.8996	0.9866	0.6536	0.9953	0.9936
21.9	0.9965	0.9972	0.8818	0.8779	0.9864	0.6407	0.9955	0.9928
22.0	0.9970	0.9978	0.9040	0.9023	0.9899	0.7029	0.9971	0.9944
22.1	0.9955	0.9966	0.8995	0.8801	0.9901	0.7076	0.9971	0.9939
22.2	0.9960	0.9969	0.8897	0.8462	0.9893	0.6928	0.9962	0.9937
22.3	0.9973	0.9978	0.9171	0.8949	0.9930	0.7040	0.9970	0.9960
22.4	0.9975	0.9980	0.9268	0.9171	0.9949	0.7758	0.9974	0.9973
22.5	0.9979	0.9983	0.9294	0.8798	0.9933	0.7365	0.9976	0.9967
22.6	0.9977	0.9980	0.9330	0.8862	0.9943	0.6914	0.9974	0.9972
22.7	0.9972	0.9976	0.9309	0.8814	0.9941	0.6244	0.9981	0.9966
22.8	0.9976	0.9979	0.9453	0.8474	0.9954	0.6284	0.9981	0.9970
22.9	0.9972	0.9975	0.9292	0.7370	0.9940	0.4801	0.9980	0.9966
23.0	0.9982	0.9985	0.9332	0.7382	0.9947	0.5364	0.9983	0.9976
23.1	0.9974	0.9977	0.9625	0.6802	0.9953	0.6166	0.9978	0.9978
23.2	0.9969	0.9974	0.9442	0.6793	0.9925	0.3788	0.9982	0.9964
23.3	0.9977	0.9980	0.9427	0.6358	0.9922	0.1959	0.9981	0.9966
23.4	0.9971	0.9974	0.9120	0.4857	0.9934	0.1457	0.9974	0.9969
23.5	0.9966	0.9968	0.8816	0.4513	0.9920	0.0907	0.9972	0.9961
23.6	0.9962	0.9966	0.8661	0.2303	0.9913	0.0414	0.9968	0.9956
23.7	0.9951	0.9956	0.8966	0.2949	0.9939	0.0003	0.9960	0.9961
23.8	0.9946	0.9951	0.9132	0.1819	0.9919	0.0008	0.9960	0.9943
23.9	0.9949	0.9953	0.8925	0.1116	0.9913	0.0369	0.9955	0.9945
24.0	0.9959	0.9962	0.9282	0.1664	0.9938	0.3519	0.9964	0.9958
24.1	0.9973	0.9974	0.9521	0.1354	0.9926	0.4889	0.9971	0.9961
24.2	0.9958	0.9960	0.9480	0.1022	0.9921	0.4340	0.9959	0.9951
24.3	0.9957	0.9960	0.9353	0.1134	0.9928	0.4557	0.9958	0.9952
24.4	0.9938	0.9942	0.9323	0.2046	0.9932	0.6073	0.9939	0.9937
24.5	0.9919	0.9924	0.9301	0.2094	0.9927	0.5706	0.9923	0.9922
24.6	0.9966	0.9967	0.9609	0.1727	0.9942	0.7592	0.9961	0.9958
24.7	0.9948	0.9951	0.9621	0.2995	0.9949	0.7908	0.9946	0.9943
24.8	0.9957	0.9957	0.9730	0.4572	0.9947	0.8706	0.9951	0.9953
24.9	0.9950	0.9951	0.9670	0.4969	0.9938	0.8980	0.9949	0.9943
25.0	0.9926	0.9929	0.9479	0.3788	0.9925	0.9019	0.9927	0.9914
25.1	0.9919	0.9920	0.9450	0.4182	0.9926	0.8990	0.9914	0.9910

25.2	0.9937	0.9939	0.9480	0.5422	0.9936	0.8926	0.9924	0.9918
25.3	0.9928	0.9931	0.9524	0.5649	0.9914	0.8752	0.9911	0.9911
25.4	0.9940	0.9941	0.9534	0.5199	0.9917	0.8855	0.9928	0.9937
25.5	0.9935	0.9936	0.9527	0.4991	0.9922	0.9252	0.9926	0.9942
25.6	0.9934	0.9936	0.9405	0.4696	0.9934	0.9285	0.9914	0.9933
25.7	0.9938	0.9940	0.9317	0.4906	0.9929	0.9164	0.9919	0.9934
25.8	0.9941	0.9942	0.9257	0.4642	0.9930	0.8958	0.9925	0.9928
25.9	0.9948	0.9948	0.9484	0.6650	0.9936	0.8581	0.9937	0.9936
26.0	0.9953	0.9953	0.9553	0.8184	0.9929	0.8694	0.9937	0.9957
26.1	0.9948	0.9950	0.9403	0.7437	0.9935	0.8338	0.9931	0.9952
26.2	0.9955	0.9956	0.9548	0.6879	0.9938	0.8247	0.9937	0.9949
26.3	0.9957	0.9959	0.9633	0.6138	0.9940	0.8646	0.9946	0.9959
26.4	0.9948	0.9951	0.9712	0.6801	0.9921	0.9082	0.9946	0.9955
26.5	0.9955	0.9959	0.9730	0.7353	0.9923	0.9128	0.9956	0.9961
26.6	0.9976	0.9977	0.9781	0.6938	0.9957	0.9294	0.9971	0.9972
26.7	0.9963	0.9962	0.9788	0.7044	0.9911	0.9060	0.9958	0.9961
26.8	0.9965	0.9966	0.9802	0.7341	0.9925	0.8812	0.9962	0.9970
26.9	0.9961	0.9963	0.9743	0.8062	0.9900	0.8700	0.9953	0.9965
27.0	0.9970	0.9971	0.9836	0.9131	0.9926	0.9118	0.9966	0.9974
27.1	0.9964	0.9966	0.9795	0.9276	0.9919	0.8813	0.9959	0.9970
27.2	0.9965	0.9967	0.9758	0.9185	0.9901	0.8757	0.9961	0.9974
27.3	0.9975	0.9975	0.9830	0.9383	0.9903	0.8856	0.9968	0.9977
27.4	0.9979	0.9979	0.9844	0.9373	0.9912	0.8942	0.9973	0.9978
27.5	0.9979	0.9978	0.9830	0.9379	0.9904	0.9031	0.9971	0.9980
27.6	0.9975	0.9976	0.9794	0.9427	0.9836	0.9113	0.9971	0.9981
27.7	0.9985	0.9986	0.9854	0.9565	0.9912	0.9338	0.9983	0.9986
27.8	0.9976	0.9975	0.9835	0.9456	0.9838	0.9207	0.9969	0.9974
27.9	0.9982	0.9981	0.9816	0.9358	0.9862	0.9275	0.9975	0.9978
28.0	0.9984	0.9984	0.9867	0.9298	0.9899	0.9493	0.9981	0.9982
28.1	0.9987	0.9988	0.9897	0.9204	0.9921	0.9552	0.9981	0.9985
28.2	0.9989	0.9989	0.9929	0.9621	0.9966	0.9639	0.9978	0.9988
28.3	0.9990	0.9989	0.9926	0.9782	0.9958	0.9736	0.9982	0.9989
28.4	0.9990	0.9989	0.9918	0.9837	0.9960	0.9730	0.9983	0.9988
28.5	0.9990	0.9991	0.9916	0.9871	0.9965	0.9730	0.9985	0.9989
28.6	0.9992	0.9993	0.9917	0.9890	0.9954	0.9737	0.9988	0.9993
28.7	0.9994	0.9995	0.9888	0.9824	0.9953	0.9656	0.9986	0.9992
28.8	0.9994	0.9994	0.9891	0.9865	0.9966	0.9696	0.9986	0.9991
28.9	0.9995	0.9995	0.9893	0.9882	0.9971	0.9741	0.9987	0.9991
29.0	0.9995	0.9995	0.9873	0.9887	0.9958	0.9650	0.9983	0.9991
29.1	0.9995	0.9995	0.9853	0.9906	0.9963	0.9658	0.9983	0.9992
29.2	0.9995	0.9995	0.9822	0.9895	0.9962	0.9672	0.9984	0.9992
29.3	0.9994	0.9994	0.9790	0.9855	0.9960	0.9684	0.9981	0.9990
29.4	0.9996	0.9995	0.9806	0.9894	0.9972	0.9784	0.9983	0.9992
29.5	0.9995	0.9994	0.9761	0.9876	0.9963	0.9762	0.9982	0.9991
29.6	0.9993	0.9993	0.9667	0.9884	0.9963	0.9707	0.9981	0.9989
29.7	0.9994	0.9994	0.9566	0.9850	0.9962	0.9689	0.9978	0.9989
29.8	0.9995	0.9994	0.9681	0.9858	0.9970	0.9749	0.9982	0.9990
29.9	0.9994	0.9993	0.9708	0.9846	0.9960	0.9725	0.9980	0.9988
30.0	0.9994	0.9993	0.9680	0.9843	0.9960	0.9694	0.9974	0.9986
30.1	0.9995	0.9994	0.9628	0.9853	0.9967	0.9750	0.9981	0.9988
30.2	0.9995	0.9994	0.9656	0.9823	0.9969	0.9801	0.9981	0.9989
30.3	0.9996	0.9994	0.9738	0.9898	0.9977	0.9838	0.9986	0.9991
30.4	0.9995	0.9994	0.9788	0.9912	0.9980	0.9822	0.9987	0.9991
30.5	0.9996	0.9994	0.9788	0.9901	0.9970	0.9800	0.9981	0.9989
30.6	0.9996	0.9995	0.9742	0.9856	0.9961	0.9738	0.9976	0.9989
30.7	0.9996	0.9996	0.9826	0.9882	0.9974	0.9782	0.9987	0.9993
30.8	0.9996	0.9995	0.9817	0.9843	0.9961	0.9752	0.9978	0.9991
30.9	0.9997	0.9996	0.9818	0.9907	0.9969	0.9825	0.9984	0.9991
31.0	0.9996	0.9995	0.9834	0.9877	0.9970	0.9801	0.9986	0.9992
31.1	0.9996	0.9996	0.9858	0.9889	0.9959	0.9807	0.9985	0.9991
31.2	0.9997	0.9995	0.9867	0.9892	0.9951	0.9793	0.9982	0.9991
31.3	0.9997	0.9996	0.9862	0.9874	0.9946	0.9805	0.9985	0.9992
31.4	0.9995	0.9995	0.9884	0.9852	0.9945	0.9788	0.9986	0.9990
31.5	0.9996	0.9993	0.9858	0.9810	0.9925	0.9767	0.9982	0.9989
31.6	0.9995	0.9993	0.9860	0.9822	0.9936	0.9731	0.9986	0.9989
31.7	0.9996	0.9995	0.9856	0.9836	0.9949	0.9710	0.9989	0.9992
31.8	0.9995	0.9991	0.9782	0.9764	0.9926	0.9647	0.9986	0.9988
31.9	0.9997	0.9994	0.9849	0.9840	0.9946	0.9723	0.9991	0.9992
32.0	0.9997	0.9995	0.9867	0.9886	0.9962	0.9703	0.9993	0.9990
32.1	0.9997	0.9990	0.9826	0.9836	0.9953	0.9637	0.9987	0.9982
32.2	0.9996	0.9991	0.9829	0.9796	0.9951	0.9611	0.9986	0.9984
32.3	0.9995	0.9993	0.9775	0.9754	0.9959	0.9549	0.9987	0.9984
32.4	0.9994	0.9990	0.9759	0.9694	0.9955	0.9348	0.9983	0.9980
32.5	0.9992	0.9986	0.9594	0.9658	0.9919	0.9115	0.9973	0.9966
32.6	0.9993	0.9986	0.9657	0.9671	0.9904	0.9239	0.9960	0.9952
32.7	0.9992	0.9988	0.9719	0.9698	0.9896	0.9488	0.9962	0.9953
32.8	0.9993	0.9992	0.9689	0.9794	0.9889	0.9314	0.9964	0.9956
32.9	0.9990	0.9988	0.9717	0.9710	0.9846	0.9350	0.9943	0.9931
33.0	0.9986	0.9984	0.9707	0.9677	0.9804	0.9341	0.9921	0.9907
33.1	0.9979	0.9975	0.9492	0.9618	0.9662	0.9025	0.9869	0.9844
33.2	0.9962	0.9963	0.9407	0.9483	0.9430	0.8688	0.9772	0.9742
33.3	0.9952	0.9946	0.9235	0.9544	0.9497	0.8965	0.9767	0.9709
33.4	0.9939	0.9936	0.8907	0.9575	0.9608	0.9212	0.9801	0.9748
33.5	0.9913	0.9921	0.9164	0.9619	0.9682	0.9437	0.9812	0.9770
33.6	0.9848	0.9891	0.9164	0.9533	0.9681	0.9454	0.9797	0.9753
33.7	0.9783	0.9905	0.9264	0.9442	0.9740	0.9359	0.9804	0.9772

33.8	0.9498	0.9887	0.9230	0.9246	0.9652	0.8946	0.9744	0.9700
33.9	0.9645	0.9957	0.9434	0.9664	0.9871	0.9312	0.9900	0.9890
34.0	0.9606	0.9971	0.9363	0.9663	0.9901	0.9240	0.9904	0.9905
34.1	0.9557	0.9967	0.9410	0.9694	0.9914	0.9265	0.9918	0.9916
34.2	0.9469	0.9976	0.9458	0.9761	0.9919	0.9464	0.9924	0.9921
34.3	0.9507	0.9985	0.9404	0.9824	0.9953	0.9686	0.9955	0.9957
34.4	0.9608	0.9989	0.9453	0.9863	0.9962	0.9769	0.9967	0.9967
34.5	0.9746	0.9989	0.9446	0.9886	0.9964	0.9772	0.9972	0.9972
34.6	0.9789	0.9989	0.9536	0.9886	0.9961	0.9810	0.9969	0.9969
34.7	0.9811	0.9991	0.9528	0.9895	0.9970	0.9838	0.9974	0.9978
34.8	0.9846	0.9992	0.9627	0.9896	0.9970	0.9863	0.9973	0.9979
34.9	0.9885	0.9992	0.9715	0.9903	0.9974	0.9898	0.9974	0.9978
35.0	0.9883	0.9992	0.9714	0.9910	0.9977	0.9889	0.9979	0.9982
35.1	0.9911	0.9993	0.9796	0.9933	0.9975	0.9912	0.9980	0.9983
35.2	0.9925	0.9992	0.9771	0.9936	0.9977	0.9906	0.9981	0.9984
35.3	0.9926	0.9991	0.9738	0.9920	0.9976	0.9873	0.9976	0.9983
35.4	0.9947	0.9990	0.9654	0.9919	0.9975	0.9861	0.9970	0.9982
35.5	0.9946	0.9992	0.9728	0.9924	0.9971	0.9890	0.9970	0.9978
35.6	0.9942	0.9994	0.9734	0.9929	0.9974	0.9925	0.9975	0.9980
35.7	0.9962	0.9994	0.9660	0.9940	0.9978	0.9914	0.9979	0.9984
35.8	0.9952	0.9993	0.9471	0.9915	0.9974	0.9881	0.9970	0.9980
35.9	0.9962	0.9994	0.9329	0.9921	0.9980	0.9852	0.9968	0.9983
36.0	0.9974	0.9996	0.9560	0.9953	0.9988	0.9920	0.9982	0.9988
36.1	0.9962	0.9994	0.9311	0.9961	0.9983	0.9899	0.9981	0.9984
36.2	0.9964	0.9992	0.9262	0.9951	0.9981	0.9851	0.9975	0.9983
36.3	0.9971	0.9993	0.9040	0.9950	0.9986	0.9901	0.9980	0.9987
36.4	0.9961	0.9993	0.8814	0.9946	0.9984	0.9873	0.9981	0.9986
36.5	0.9972	0.9991	0.8596	0.9922	0.9978	0.9836	0.9975	0.9981
36.6	0.9969	0.9993	0.8475	0.9915	0.9975	0.9824	0.9971	0.9980
36.7	0.9973	0.9993	0.8761	0.9935	0.9976	0.9825	0.9973	0.9981
36.8	0.9977	0.9993	0.8719	0.9936	0.9977	0.9803	0.9978	0.9981
36.9	0.9975	0.9993	0.8515	0.9913	0.9967	0.9771	0.9968	0.9976
37.0	0.9985	0.9994	0.8544	0.9930	0.9984	0.9844	0.9977	0.9988
37.1	0.9976	0.9989	0.8275	0.9913	0.9977	0.9821	0.9971	0.9982
37.2	0.9981	0.9992	0.8483	0.9932	0.9980	0.9843	0.9976	0.9982
37.3	0.9982	0.9994	0.8495	0.9934	0.9980	0.9854	0.9979	0.9985
37.4	0.9974	0.9989	0.8747	0.9913	0.9973	0.9834	0.9975	0.9979
37.5	0.9982	0.9993	0.9161	0.9940	0.9980	0.9840	0.9980	0.9982
37.6	0.9983	0.9994	0.9297	0.9954	0.9983	0.9880	0.9984	0.9987
37.7	0.9981	0.9992	0.9304	0.9944	0.9981	0.9845	0.9977	0.9985
37.8	0.9984	0.9993	0.9176	0.9939	0.9978	0.9826	0.9972	0.9983
37.9	0.9982	0.9990	0.8802	0.9918	0.9970	0.9808	0.9966	0.9975
38.0	0.9982	0.9992	0.9155	0.9942	0.9982	0.9828	0.9979	0.9984
38.1	0.9975	0.9989	0.8750	0.9927	0.9966	0.9743	0.9964	0.9971
38.2	0.9972	0.9988	0.8702	0.9936	0.9974	0.9747	0.9969	0.9975
38.3	0.9974	0.9988	0.8949	0.9925	0.9974	0.9753	0.9966	0.9975
38.4	0.9982	0.9989	0.9076	0.9934	0.9974	0.9779	0.9965	0.9976
38.5	0.9985	0.9991	0.8853	0.9941	0.9979	0.9815	0.9973	0.9982
38.6	0.9980	0.9989	0.8763	0.9922	0.9964	0.9758	0.9956	0.9964
38.7	0.9980	0.9989	0.9124	0.9941	0.9968	0.9723	0.9957	0.9963
38.8	0.9983	0.9991	0.9292	0.9945	0.9976	0.9775	0.9968	0.9975
38.9	0.9985	0.9992	0.9245	0.9937	0.9970	0.9778	0.9957	0.9968
39.0	0.9989	0.9994	0.9623	0.9962	0.9984	0.9834	0.9974	0.9983
39.1	0.9989	0.9994	0.9714	0.9957	0.9980	0.9757	0.9965	0.9980
39.2	0.9987	0.9992	0.9646	0.9957	0.9982	0.9828	0.9972	0.9979
39.3	0.9988	0.9993	0.9629	0.9957	0.9985	0.9812	0.9968	0.9980
39.4	0.9989	0.9994	0.9625	0.9953	0.9984	0.9838	0.9964	0.9982
39.5	0.9985	0.9991	0.9578	0.9940	0.9976	0.9785	0.9947	0.9969
39.6	0.9986	0.9992	0.9400	0.9923	0.9975	0.9773	0.9921	0.9963
39.7	0.9989	0.9993	0.9426	0.9936	0.9983	0.9814	0.9939	0.9979
39.8	0.9989	0.9993	0.9419	0.9953	0.9980	0.9804	0.9945	0.9973
39.9	0.9985	0.9991	0.9313	0.9920	0.9968	0.9805	0.9908	0.9953
40.0	0.9988	0.9993	0.9409	0.9948	0.9977	0.9806	0.9931	0.9962
40.1	0.9988	0.9993	0.9191	0.9937	0.9974	0.9711	0.9909	0.9955
40.2	0.9991	0.9994	0.9114	0.9934	0.9979	0.9795	0.9910	0.9965
40.3	0.9991	0.9994	0.8913	0.9941	0.9978	0.9824	0.9927	0.9965
40.4	0.9990	0.9993	0.8356	0.9933	0.9977	0.9811	0.9900	0.9963
40.5	0.9990	0.9994	0.8458	0.9941	0.9981	0.9869	0.9903	0.9972
40.6	0.9989	0.9993	0.8211	0.9953	0.9980	0.9830	0.9905	0.9970
40.7	0.9990	0.9994	0.7883	0.9931	0.9985	0.9841	0.9863	0.9968
40.8	0.9990	0.9994	0.7579	0.9945	0.9982	0.9844	0.9865	0.9964
40.9	0.9991	0.9995	0.7449	0.9933	0.9985	0.9847	0.9808	0.9967
41.0	0.9989	0.9995	0.6773	0.9930	0.9982	0.9846	0.9745	0.9961
41.1	0.9990	0.9995	0.6522	0.9900	0.9980	0.9820	0.9668	0.9955
41.2	0.9989	0.9994	0.5193	0.9888	0.9981	0.9778	0.9520	0.9957
41.3	0.9990	0.9994	0.5012	0.9877	0.9982	0.9814	0.9521	0.9970
41.4	0.9993	0.9995	0.6642	0.9903	0.9980	0.9800	0.9375	0.9964
41.5	0.9992	0.9994	0.6664	0.9814	0.9982	0.9793	0.8464	0.9960
41.6	0.9990	0.9992	0.6601	0.9736	0.9976	0.9762	0.5452	0.9951
41.7	0.9991	0.9994	0.6791	0.9816	0.9977	0.9782	0.5549	0.9942
41.8	0.9987	0.9993	0.6854	0.9725	0.9980	0.9770	0.4211	0.9939
41.9	0.9992	0.9996	0.7151	0.9778	0.9986	0.9802	0.2281	0.9963
42.0	0.9991	0.9995	0.7218	0.9640	0.9983	0.9787	0.0109	0.9960
42.1	0.9986	0.9993	0.7641	0.9673	0.9984	0.9750	0.3242	0.9967
42.2	0.9984	0.9992	0.6788	0.9695	0.9982	0.9685	0.4944	0.9954
42.3	0.9990	0.9994	0.7627	0.9761	0.9983	0.9712	0.6475	0.9950

42.4	0.9990	0.9996	0.8371	0.9736	0.9989	0.9790	0.6529	0.9969
42.5	0.9990	0.9995	0.8271	0.9660	0.9986	0.9797	0.6860	0.9957
42.6	0.9990	0.9994	0.7919	0.9609	0.9984	0.9733	0.7541	0.9951
42.7	0.9986	0.9993	0.8179	0.9637	0.9984	0.9702	0.7978	0.9952
42.8	0.9984	0.9991	0.7753	0.9649	0.9982	0.9716	0.8526	0.9948
42.9	0.9984	0.9992	0.7632	0.9602	0.9981	0.9694	0.8618	0.9944
43.0	0.9987	0.9993	0.8682	0.9568	0.9985	0.9775	0.9050	0.9953
43.1	0.9990	0.9994	0.8908	0.9416	0.9986	0.9810	0.9264	0.9952
43.2	0.9986	0.9993	0.8495	0.9279	0.9988	0.9753	0.9448	0.9964
43.3	0.9983	0.9992	0.8231	0.9216	0.9988	0.9799	0.9618	0.9962
43.4	0.9982	0.9992	0.8047	0.9070	0.9987	0.9796	0.9687	0.9960
43.5	0.9982	0.9991	0.8135	0.8840	0.9986	0.9769	0.9757	0.9953
43.6	0.9981	0.9991	0.8060	0.8872	0.9986	0.9856	0.9737	0.9951
43.7	0.9981	0.9991	0.8159	0.8876	0.9988	0.9849	0.9710	0.9962
43.8	0.9985	0.9991	0.7780	0.8643	0.9988	0.9849	0.9771	0.9964
43.9	0.9988	0.9992	0.7671	0.8246	0.9986	0.9811	0.9807	0.9959
44.0	0.9988	0.9993	0.8219	0.8032	0.9990	0.9876	0.9885	0.9961
44.1	0.9984	0.9992	0.7586	0.7559	0.9988	0.9822	0.9869	0.9960
44.2	0.9988	0.9993	0.8310	0.8102	0.9986	0.9820	0.9886	0.9960
44.3	0.9981	0.9990	0.8116	0.7606	0.9986	0.9831	0.9895	0.9953
44.4	0.9978	0.9989	0.7682	0.6353	0.9987	0.9838	0.9880	0.9957
44.5	0.9983	0.9991	0.7643	0.5981	0.9989	0.9861	0.9903	0.9967
44.6	0.9982	0.9991	0.7241	0.6835	0.9990	0.9857	0.9929	0.9969
44.7	0.9979	0.9990	0.7119	0.6884	0.9989	0.9848	0.9930	0.9967
44.8	0.9982	0.9992	0.6539	0.6654	0.9990	0.9854	0.9930	0.9963
44.9	0.9985	0.9993	0.6021	0.7651	0.9992	0.9884	0.9931	0.9971
45.0	0.9985	0.9993	0.6428	0.7286	0.9991	0.9868	0.9920	0.9963
45.1	0.9981	0.9993	0.6709	0.6974	0.9992	0.9866	0.9932	0.9967
45.2	0.9975	0.9988	0.6600	0.6400	0.9988	0.9829	0.9924	0.9965
45.3	0.9974	0.9988	0.6695	0.5805	0.9985	0.9806	0.9933	0.9960
45.4	0.9982	0.9991	0.8026	0.7141	0.9989	0.9835	0.9955	0.9969
45.5	0.9986	0.9993	0.7623	0.6678	0.9992	0.9849	0.9957	0.9978
45.6	0.9987	0.9994	0.7023	0.6874	0.9992	0.9858	0.9952	0.9971
45.7	0.9983	0.9993	0.6639	0.6779	0.9990	0.9851	0.9949	0.9972
45.8	0.9978	0.9989	0.6358	0.5814	0.9985	0.9818	0.9953	0.9963
45.9	0.9979	0.9989	0.6260	0.7097	0.9985	0.9823	0.9946	0.9964
46.0	0.9971	0.9988	0.6474	0.7034	0.9982	0.9756	0.9925	0.9944
46.1	0.9972	0.9987	0.6631	0.6553	0.9981	0.9766	0.9927	0.9942
46.2	0.9969	0.9986	0.6492	0.6614	0.9981	0.9825	0.9930	0.9942
46.3	0.9978	0.9991	0.7026	0.6011	0.9985	0.9851	0.9930	0.9963
46.4	0.9979	0.9991	0.6910	0.5774	0.9986	0.9846	0.9951	0.9971
46.5	0.9976	0.9989	0.7300	0.5580	0.9986	0.9843	0.9954	0.9957
46.6	0.9970	0.9986	0.7429	0.6024	0.9983	0.9816	0.9945	0.9955
46.7	0.9977	0.9989	0.7913	0.6416	0.9984	0.9828	0.9949	0.9959
46.8	0.9977	0.9989	0.8071	0.6949	0.9984	0.9855	0.9954	0.9955
46.9	0.9976	0.9990	0.8011	0.7029	0.9986	0.9855	0.9960	0.9966
47.0	0.9975	0.9987	0.8173	0.7263	0.9982	0.9803	0.9944	0.9962
47.1	0.9965	0.9984	0.7137	0.6902	0.9978	0.9804	0.9938	0.9952
47.2	0.9967	0.9987	0.7322	0.7213	0.9979	0.9812	0.9940	0.9943
47.3	0.9968	0.9987	0.7325	0.6622	0.9980	0.9830	0.9930	0.9953
47.4	0.9975	0.9988	0.7240	0.6799	0.9976	0.9834	0.9923	0.9952
47.5	0.9980	0.9990	0.7773	0.7506	0.9982	0.9870	0.9933	0.9962
47.6	0.9979	0.9989	0.8222	0.7687	0.9984	0.9850	0.9933	0.9963
47.7	0.9977	0.9990	0.7864	0.7479	0.9981	0.9798	0.9926	0.9956
47.8	0.9972	0.9987	0.7879	0.7869	0.9982	0.9844	0.9948	0.9939
47.9	0.9978	0.9989	0.7937	0.7717	0.9983	0.9889	0.9941	0.9950
48.0	0.9974	0.9989	0.7816	0.7963	0.9982	0.9867	0.9938	0.9958
48.1	0.9969	0.9987	0.7896	0.8332	0.9986	0.9895	0.9959	0.9955
48.2	0.9966	0.9984	0.7346	0.6841	0.9975	0.9838	0.9936	0.9916
48.3	0.9961	0.9982	0.6893	0.5788	0.9962	0.9783	0.9906	0.9914
48.4	0.9967	0.9985	0.7551	0.7467	0.9970	0.9828	0.9916	0.9926
48.5	0.9969	0.9987	0.7304	0.6908	0.9973	0.9852	0.9916	0.9925
48.6	0.9966	0.9986	0.7607	0.6682	0.9979	0.9840	0.9933	0.9906
48.7	0.9955	0.9980	0.7292	0.6705	0.9973	0.9825	0.9910	0.9898
48.8	0.9980	0.9991	0.7891	0.7423	0.9986	0.9869	0.9944	0.9917
48.9	0.9980	0.9991	0.8034	0.6995	0.9984	0.9863	0.9957	0.9925
49.0	0.9977	0.9988	0.7471	0.6190	0.9976	0.9903	0.9938	0.9920
49.1	0.9973	0.9986	0.7170	0.6708	0.9975	0.9873	0.9921	0.9916
49.2	0.9972	0.9986	0.6294	0.6669	0.9977	0.9880	0.9921	0.9920
49.3	0.9968	0.9986	0.6056	0.6447	0.9975	0.9883	0.9907	0.9907
49.4	0.9963	0.9984	0.6868	0.6305	0.9979	0.9892	0.9914	0.9918
49.5	0.9960	0.9979	0.6647	0.5859	0.9974	0.9881	0.9907	0.9909
49.6	0.9963	0.9984	0.5976	0.6162	0.9975	0.9902	0.9931	0.9902
49.7	0.9958	0.9981	0.5167	0.5177	0.9970	0.9908	0.9919	0.9869
49.8	0.9968	0.9985	0.6057	0.6910	0.9979	0.9919	0.9938	0.9918
49.9	0.9968	0.9985	0.5891	0.5623	0.9981	0.9899	0.9941	0.9912
50.0	0.9966	0.9985	0.5737	0.4377	0.9979	0.9893	0.9944	0.9893
50.1	0.9961	0.9986	0.6073	0.5352	0.9982	0.9922	0.9958	0.9904
50.2	0.9971	0.9986	0.6423	0.6502	0.9981	0.9934	0.9959	0.9911
50.3	0.9971	0.9987	0.5492	0.6143	0.9981	0.9930	0.9959	0.9911
50.4	0.9961	0.9983	0.5846	0.5410	0.9973	0.9891	0.9939	0.9903
50.5	0.9961	0.9983	0.6855	0.5922	0.9976	0.9919	0.9954	0.9934
50.6	0.9972	0.9987	0.6519	0.6076	0.9981	0.9929	0.9959	0.9922
50.7	0.9970	0.9986	0.5977	0.5817	0.9979	0.9918	0.9950	0.9915
50.8	0.9948	0.9976	0.4297	0.4110	0.9957	0.9863	0.9914	0.9817
50.9	0.9942	0.9973	0.3677	0.4062	0.9959	0.9876	0.9912	0.9842

51.0	0.9949	0.9975	0.3854	0.3178	0.9966	0.9903	0.9927	0.9893
51.1	0.9959	0.9980	0.2772	0.4507	0.9975	0.9927	0.9942	0.9881
51.2	0.9960	0.9982	0.2635	0.5295	0.9969	0.9902	0.9937	0.9874
51.3	0.9953	0.9981	0.2678	0.4725	0.9967	0.9898	0.9934	0.9834
51.4	0.9951	0.9979	0.3330	0.5245	0.9970	0.9910	0.9937	0.9773
51.5	0.9954	0.9978	0.4868	0.5648	0.9975	0.9927	0.9940	0.9779
51.6	0.9964	0.9983	0.4004	0.5154	0.9975	0.9945	0.9942	0.9812
51.7	0.9954	0.9978	0.1889	0.4903	0.9965	0.9910	0.9946	0.9709
51.8	0.9955	0.9981	0.1678	0.3660	0.9974	0.9926	0.9962	0.9771
51.9	0.9960	0.9984	0.1641	0.3909	0.9978	0.9912	0.9954	0.9678
52.0	0.9963	0.9981	0.2817	0.4248	0.9974	0.9938	0.9945	0.9748
52.1	0.9947	0.9974	0.1369	0.3450	0.9964	0.9918	0.9938	0.9701
52.2	0.9940	0.9971	0.0297	0.2662	0.9959	0.9905	0.9943	0.9634
52.3	0.9953	0.9979	0.0344	0.3465	0.9971	0.9939	0.9961	0.9716
52.4	0.9942	0.9974	0.1228	0.2319	0.9973	0.9926	0.9953	0.9696
52.5	0.9930	0.9972	0.1292	0.2443	0.9973	0.9938	0.9948	0.9770
52.6	0.9941	0.9979	0.1034	0.3171	0.9972	0.9948	0.9954	0.9760
52.7	0.9942	0.9977	0.0974	0.4766	0.9966	0.9947	0.9948	0.9761
52.8	0.9944	0.9978	0.1935	0.3899	0.9970	0.9921	0.9946	0.9699
52.9	0.9941	0.9975	0.2743	0.3950	0.9969	0.9912	0.9943	0.9582
53.0	0.9932	0.9972	0.4350	0.2791	0.9954	0.9880	0.9925	0.9609
53.1	0.9933	0.9973	0.4979	0.2754	0.9959	0.9905	0.9936	0.9705
53.2	0.9939	0.9975	0.5474	0.3004	0.9975	0.9930	0.9962	0.9802
53.3	0.9938	0.9973	0.6292	0.3691	0.9972	0.9936	0.9958	0.9848
53.4	0.9926	0.9969	0.6168	0.2408	0.9954	0.9918	0.9931	0.9762
53.5	0.9940	0.9978	0.6835	0.1133	0.9965	0.9923	0.9946	0.9722
53.6	0.9959	0.9983	0.7530	0.0438	0.9973	0.9931	0.9963	0.9786
53.7	0.9955	0.9980	0.7850	0.0081	0.9961	0.9934	0.9954	0.9823
53.8	0.9946	0.9975	0.7857	0.0178	0.9944	0.9902	0.9936	0.9731
53.9	0.9929	0.9968	0.7415	0.0043	0.9938	0.9923	0.9932	0.9790
54.0	0.9911	0.9964	0.7250	0.0029	0.9926	0.9866	0.9917	0.9773
54.1	0.9932	0.9970	0.7454	0.0637	0.9953	0.9930	0.9949	0.9772
54.2	0.9916	0.9965	0.7747	0.1405	0.9946	0.9891	0.9942	0.9609
54.3	0.9935	0.9973	0.8233	0.1276	0.9944	0.9867	0.9936	0.9751
54.4	0.9941	0.9977	0.8283	0.3035	0.9950	0.9888	0.9942	0.9873
54.5	0.9921	0.9968	0.7899	0.1748	0.9945	0.9872	0.9938	0.9843
54.6	0.9926	0.9966	0.7445	0.2707	0.9939	0.9889	0.9931	0.9836
54.7	0.9949	0.9978	0.7360	0.3566	0.9957	0.9922	0.9951	0.9826
54.8	0.9948	0.9977	0.7255	0.2326	0.9949	0.9872	0.9948	0.9840
54.9	0.9941	0.9977	0.8096	0.0804	0.9956	0.9885	0.9949	0.9876
55.0	0.9923	0.9972	0.7810	0.0885	0.9930	0.9895	0.9931	0.9889
55.1	0.9941	0.9975	0.7620	0.1762	0.9938	0.9905	0.9940	0.9903
55.2	0.9944	0.9978	0.7351	0.1708	0.9952	0.9889	0.9954	0.9893
55.3	0.9940	0.9978	0.7017	0.0828	0.9943	0.9849	0.9949	0.9868
55.4	0.9943	0.9973	0.7247	0.0383	0.9942	0.9872	0.9942	0.9881
55.5	0.9920	0.9959	0.6322	0.0941	0.9904	0.9784	0.9912	0.9822
55.6	0.9945	0.9976	0.6800	0.0757	0.9950	0.9840	0.9956	0.9863
55.7	0.9942	0.9976	0.6660	0.0606	0.9926	0.9820	0.9943	0.9797
55.8	0.9934	0.9971	0.7304	0.2617	0.9924	0.9837	0.9938	0.9798
55.9	0.9942	0.9975	0.7394	0.0779	0.9929	0.9857	0.9942	0.9821
56.0	0.9951	0.9979	0.7126	0.1291	0.9943	0.9849	0.9949	0.9795
56.1	0.9954	0.9980	0.7678	0.1730	0.9935	0.9812	0.9945	0.9795
56.2	0.9932	0.9970	0.6712	0.2403	0.9916	0.9776	0.9934	0.9744
56.3	0.9935	0.9971	0.6456	0.2925	0.9906	0.9650	0.9929	0.9736
56.4	0.9943	0.9979	0.7268	0.3554	0.9943	0.9737	0.9956	0.9761
56.5	0.9956	0.9980	0.7122	0.3759	0.9915	0.9680	0.9937	0.9713
56.6	0.9938	0.9976	0.6921	0.3242	0.9915	0.9597	0.9931	0.9659
56.7	0.9921	0.9968	0.7274	0.3393	0.9917	0.9533	0.9931	0.9658
56.8	0.9950	0.9979	0.7843	0.3269	0.9933	0.9677	0.9950	0.9717
56.9	0.9951	0.9980	0.8009	0.2839	0.9933	0.9665	0.9952	0.9625
57.0	0.9916	0.9963	0.7378	0.2520	0.9887	0.9448	0.9908	0.9315
57.1	0.9927	0.9965	0.6583	0.2739	0.9856	0.9359	0.9899	0.9304
57.2	0.9946	0.9976	0.6946	0.4305	0.9909	0.9349	0.9930	0.9219
57.3	0.9934	0.9972	0.6971	0.3692	0.9914	0.9377	0.9935	0.8954
57.4	0.9915	0.9965	0.6764	0.2375	0.9868	0.9225	0.9903	0.8731
57.5	0.9917	0.9964	0.6526	0.3264	0.9840	0.9062	0.9890	0.8577
57.6	0.9922	0.9964	0.5796	0.2853	0.9862	0.9229	0.9911	0.8319
57.7	0.9916	0.9967	0.6610	0.2626	0.9876	0.9232	0.9919	0.8327
57.8	0.9923	0.9968	0.7114	0.2349	0.9874	0.9120	0.9926	0.7819
57.9	0.9941	0.9976	0.7995	0.3253	0.9877	0.9160	0.9944	0.7788
58.0	0.9935	0.9972	0.7801	0.3633	0.9876	0.9189	0.9933	0.7525
58.1	0.9923	0.9968	0.7326	0.2938	0.9874	0.8934	0.9927	0.7426
58.2	0.9917	0.9966	0.6640	0.3415	0.9855	0.8808	0.9920	0.6431
58.3	0.9929	0.9967	0.6024	0.2363	0.9821	0.8639	0.9909	0.6230
58.4	0.9915	0.9966	0.6653	0.3891	0.9829	0.8607	0.9913	0.4504
58.5	0.9919	0.9965	0.6411	0.1940	0.9839	0.8618	0.9913	0.4295
58.6	0.9902	0.9958	0.5953	0.0773	0.9823	0.8134	0.9894	0.3926
58.7	0.9923	0.9968	0.6048	0.1946	0.9848	0.8036	0.9898	0.3936
58.8	0.9913	0.9960	0.6354	0.2966	0.9791	0.8688	0.9882	0.5076
58.9	0.9890	0.9950	0.5386	0.2383	0.9734	0.8433	0.9857	0.4944
59.0	0.9921	0.9964	0.6677	0.2380	0.9792	0.8604	0.9900	0.5643
59.1	0.9940	0.9971	0.7060	0.1597	0.9823	0.8651	0.9911	0.6366
59.2	0.9944	0.9975	0.6258	0.1088	0.9841	0.8731	0.9903	0.5871
59.3	0.9944	0.9974	0.6593	0.1101	0.9814	0.8581	0.9896	0.5717
59.4	0.9941	0.9970	0.6707	0.2417	0.9843	0.8596	0.9890	0.5696
59.5	0.9927	0.9965	0.6412	0.3036	0.9842	0.8685	0.9909	0.6903

59.6	0.9908	0.9956	0.6281	0.1236	0.9795	0.8722	0.9896	0.6362
59.7	0.9904	0.9960	0.5314	0.1917	0.9775	0.8618	0.9903	0.6289
59.8	0.9920	0.9968	0.5540	0.1120	0.9811	0.8387	0.9915	0.6439
59.9	0.9921	0.9761	0.0553	0.0198	0.9644	0.7768	0.9872	0.5278
60.0	0.9927	0.9255	0.0482	0.0516	0.9205	0.6865	0.9833	0.4891
60.1	0.9921	0.9727	0.0602	0.0086	0.9603	0.8033	0.9889	0.6183
60.2	0.9874	0.9949	0.4703	0.2018	0.9742	0.7954	0.9860	0.5818
60.3	0.9893	0.9953	0.4288	0.2950	0.9784	0.7820	0.9859	0.6336
60.4	0.9924	0.9965	0.4466	0.3224	0.9776	0.7583	0.9868	0.6135
60.5	0.9925	0.9970	0.5338	0.2098	0.9787	0.7279	0.9884	0.6468
60.6	0.9915	0.9963	0.5563	0.1551	0.9750	0.7517	0.9861	0.6783
60.7	0.9910	0.9965	0.5849	0.3088	0.9786	0.8153	0.9901	0.7153
60.8	0.9911	0.9966	0.5150	0.3473	0.9760	0.7537	0.9897	0.6513
60.9	0.9930	0.9968	0.5289	0.3231	0.9744	0.7331	0.9893	0.6209
61.0	0.9937	0.9965	0.4714	0.3439	0.9774	0.7344	0.9878	0.6167
61.1	0.9900	0.9949	0.4402	0.3527	0.9645	0.7022	0.9834	0.5109
61.2	0.9919	0.9961	0.4186	0.2242	0.9601	0.6443	0.9844	0.4410
61.3	0.9921	0.9968	0.6073	0.3798	0.9762	0.7144	0.9898	0.4825
61.4	0.9889	0.9963	0.5459	0.4345	0.9721	0.7303	0.9902	0.4016
61.5	0.9884	0.9955	0.4477	0.3331	0.9665	0.7175	0.9904	0.3040
61.6	0.9905	0.9958	0.4533	0.2989	0.9714	0.7263	0.9875	0.2497
61.7	0.9909	0.9964	0.4646	0.3563	0.9753	0.7514	0.9884	0.3329
61.8	0.9919	0.9968	0.4888	0.4822	0.9699	0.7199	0.9866	0.2514
61.9	0.9884	0.9957	0.5601	0.5579	0.9659	0.6954	0.9841	0.1801
62.0	0.9898	0.9962	0.6672	0.5192	0.9722	0.6894	0.9884	0.2744
62.1	0.9891	0.9953	0.6535	0.4386	0.9606	0.6525	0.9843	0.2675
62.2	0.9859	0.9946	0.7192	0.4661	0.9444	0.6101	0.9796	0.2232
62.3	0.9890	0.9961	0.7605	0.4883	0.9653	0.6964	0.9847	0.2192
62.4	0.9904	0.9959	0.7176	0.4774	0.9667	0.6329	0.9829	0.1658
62.5	0.9883	0.9950	0.7044	0.4331	0.9532	0.5201	0.9801	0.0916
62.6	0.9908	0.9967	0.7120	0.4556	0.9616	0.5858	0.9821	0.1555
62.7	0.9894	0.9964	0.7368	0.5145	0.9574	0.5310	0.9811	0.1467
62.8	0.9895	0.9963	0.8460	0.6217	0.9662	0.6197	0.9881	0.1053
62.9	0.9920	0.9968	0.8719	0.6615	0.9700	0.6517	0.9877	0.1882
63.0	0.9875	0.9956	0.8343	0.6218	0.9670	0.4992	0.9803	0.1229
63.1	0.9861	0.9951	0.8178	0.6323	0.9660	0.4756	0.9836	0.1390
63.2	0.9857	0.9945	0.8138	0.7039	0.9599	0.5457	0.9842	0.1386
63.3	0.9883	0.9955	0.8450	0.7582	0.9642	0.4857	0.9858	0.1666
63.4	0.9873	0.9958	0.8222	0.6899	0.9535	0.3277	0.9784	0.1654
63.5	0.9873	0.9960	0.8350	0.6660	0.9508	0.4149	0.9774	0.1619
63.6	0.9878	0.9960	0.8473	0.6460	0.9444	0.3609	0.9775	0.1495
63.7	0.9870	0.9954	0.8163	0.7115	0.9381	0.2647	0.9807	0.1362
63.8	0.9862	0.9957	0.8345	0.7219	0.9492	0.1607	0.9798	0.1754
63.9	0.9858	0.9954	0.8764	0.7438	0.9519	0.2328	0.9775	0.2296
64.0	0.9834	0.9943	0.8852	0.7524	0.9467	0.3277	0.9829	0.2107
64.1	0.9839	0.9941	0.8621	0.6970	0.9380	0.1178	0.9776	0.1588
64.2	0.9852	0.9949	0.8712	0.7599	0.9453	0.1725	0.9792	0.1081
64.3	0.9850	0.9955	0.8890	0.8101	0.9498	0.1576	0.9804	0.1598
64.4	0.9797	0.9937	0.8606	0.7485	0.9306	0.1287	0.9731	0.1718
64.5	0.9837	0.9949	0.8646	0.7678	0.9457	0.2242	0.9817	0.2363
64.6	0.9811	0.9926	0.8142	0.7220	0.9323	0.0947	0.9708	0.1292
64.7	0.9834	0.9930	0.8438	0.7858	0.9346	0.1030	0.9691	0.1311
64.8	0.9824	0.9931	0.8766	0.8345	0.9450	0.0792	0.9749	0.1724
64.9	0.9768	0.9922	0.8647	0.7857	0.9298	0.0468	0.9693	0.1158
65.0	0.9760	0.9928	0.8156	0.6963	0.9238	0.0733	0.9713	0.0631
65.1	0.9803	0.9940	0.8209	0.7886	0.9347	0.0357	0.9701	0.1429
65.2	0.9856	0.9953	0.8908	0.8366	0.9511	0.1110	0.9797	0.1881
65.3	0.9797	0.9935	0.8744	0.7854	0.9442	0.1242	0.9742	0.1661
65.4	0.9836	0.9948	0.8429	0.7821	0.9451	0.0130	0.9766	0.0591
65.5	0.9870	0.9960	0.8631	0.7818	0.9600	0.0417	0.9760	0.1076
65.6	0.9860	0.9957	0.8781	0.7924	0.9587	0.1424	0.9783	0.1423
65.7	0.9828	0.9945	0.8606	0.7675	0.9403	0.0421	0.9795	0.0591
65.8	0.9751	0.9927	0.8359	0.7114	0.9271	0.1787	0.9677	0.0072
65.9	0.9825	0.9947	0.8662	0.8087	0.9526	0.2198	0.9690	0.0188
66.0	0.9860	0.9953	0.8876	0.8370	0.9483	0.1984	0.9704	0.0762
66.1	0.9853	0.9952	0.8988	0.7969	0.9519	0.1313	0.9657	0.0296
66.2	0.9873	0.9963	0.9043	0.8534	0.9534	0.2144	0.9772	0.1010
66.3	0.9850	0.9959	0.8683	0.8245	0.9340	0.2621	0.9734	0.0588
66.4	0.9733	0.9920	0.8263	0.7007	0.8995	0.1756	0.9541	0.0479
66.5	0.9758	0.9926	0.8566	0.7999	0.9221	0.1957	0.9612	0.0690
66.6	0.9835	0.9954	0.9040	0.8664	0.9405	0.2574	0.9719	0.0439
66.7	0.9869	0.9965	0.9094	0.8485	0.9363	0.2607	0.9765	0.0361
66.8	0.9846	0.9954	0.8570	0.7875	0.9008	0.2309	0.9659	0.0517
66.9	0.9830	0.9951	0.8802	0.8103	0.9219	0.2732	0.9649	0.0254
67.0	0.9865	0.9949	0.8930	0.8751	0.9306	0.2989	0.9652	0.0303
67.1	0.9852	0.9945	0.8731	0.8721	0.9326	0.3487	0.9663	0.0001
67.2	0.9826	0.9950	0.8486	0.8416	0.9466	0.2414	0.9662	0.0510
67.3	0.9819	0.9956	0.8984	0.8842	0.9404	0.3138	0.9733	0.0996
67.4	0.9854	0.9949	0.9026	0.8606	0.9177	0.2792	0.9601	0.0067
67.5	0.9759	0.9918	0.8353	0.8303	0.9146	0.2491	0.9488	0.0139
67.6	0.9784	0.9928	0.8661	0.8624	0.9264	0.2517	0.9651	0.0817
67.7	0.9821	0.9931	0.9064	0.8857	0.9172	0.3315	0.9663	0.0637
67.8	0.9785	0.9926	0.8792	0.8830	0.9155	0.2573	0.9580	0.0180
67.9	0.9775	0.9933	0.8651	0.8757	0.9217	0.2163	0.9471	0.0330
68.0	0.9820	0.9948	0.8875	0.8683	0.9326	0.2490	0.9511	0.0301
68.1	0.9855	0.9949	0.8972	0.8722	0.9158	0.2668	0.9438	0.0844

68.2	0.9825	0.9947	0.9129	0.8675	0.9026	0.3565	0.9460	0.1138
68.3	0.9731	0.9928	0.8959	0.8348	0.8966	0.3429	0.9463	0.1289
68.4	0.9694	0.9915	0.8433	0.8713	0.8914	0.2576	0.9401	0.1753
68.5	0.9775	0.9931	0.8700	0.9146	0.9025	0.2794	0.9556	0.2032
68.6	0.9780	0.9937	0.8976	0.9093	0.8804	0.3081	0.9497	0.2222
68.7	0.9800	0.9948	0.8980	0.9023	0.8923	0.3224	0.9340	0.2179
68.8	0.9738	0.9934	0.8864	0.8721	0.8887	0.3382	0.9341	0.2969
68.9	0.9780	0.9948	0.8897	0.8864	0.9126	0.2883	0.9297	0.2271
69.0	0.9724	0.9929	0.8979	0.8862	0.9051	0.2404	0.9096	0.1603
69.1	0.9741	0.9933	0.8926	0.8994	0.9013	0.2540	0.9167	0.2121
69.2	0.9714	0.9916	0.8645	0.8858	0.8842	0.3902	0.8838	0.3358
69.3	0.9637	0.9915	0.8792	0.8978	0.8791	0.2529	0.8774	0.3496
69.4	0.9702	0.9925	0.8913	0.9147	0.9116	0.2582	0.8958	0.3976
69.5	0.9586	0.9892	0.8646	0.8839	0.8851	0.3543	0.8798	0.3311
69.6	0.9642	0.9916	0.8851	0.8857	0.9057	0.2818	0.8929	0.2817
69.7	0.9783	0.9942	0.9020	0.8717	0.9180	0.2097	0.9007	0.2534
69.8	0.9763	0.9923	0.9276	0.8767	0.9164	0.1417	0.8959	0.3157
69.9	0.9700	0.9910	0.9190	0.9065	0.8730	0.2061	0.8617	0.3651
70.0	0.9666	0.9912	0.9071	0.9170	0.8875	0.2745	0.8424	0.4013
70.1	0.9535	0.9879	0.8951	0.9001	0.8874	0.2708	0.8283	0.4033
70.2	0.9523	0.9878	0.8792	0.8524	0.8757	0.1939	0.8307	0.3453
70.3	0.9495	0.9874	0.8675	0.8575	0.8355	0.3433	0.8005	0.2341
70.4	0.9556	0.9884	0.8820	0.8694	0.8641	0.2559	0.8198	0.1861
70.5	0.9568	0.9909	0.8933	0.8980	0.8879	0.4331	0.8502	0.2864
70.6	0.9581	0.9909	0.8626	0.8622	0.8853	0.4023	0.8247	0.1881
70.7	0.9699	0.9917	0.9107	0.8588	0.9068	0.4373	0.8164	0.1370
70.8	0.9640	0.9911	0.8950	0.8684	0.9095	0.5230	0.8544	0.2017
70.9	0.9665	0.9930	0.9200	0.9126	0.9403	0.5625	0.9208	0.2553
71.0	0.9597	0.9905	0.8906	0.8775	0.9089	0.6442	0.9143	0.3312
71.1	0.9298	0.9868	0.8463	0.8416	0.8910	0.6238	0.8974	0.3679
71.2	0.9444	0.9910	0.9025	0.8956	0.9126	0.6936	0.8804	0.4883
71.3	0.9584	0.9909	0.9162	0.9126	0.9143	0.7256	0.8976	0.5451
71.4	0.9615	0.9911	0.9004	0.8879	0.9222	0.7697	0.8821	0.5118
71.5	0.9605	0.9906	0.9151	0.8936	0.9371	0.8337	0.9014	0.6174
71.6	0.9368	0.9870	0.8727	0.8752	0.9131	0.7900	0.8716	0.6086
71.7	0.9499	0.9904	0.9010	0.8883	0.9241	0.7992	0.8524	0.6960
71.8	0.9619	0.9934	0.9282	0.9161	0.9490	0.8576	0.9053	0.7538
71.9	0.9520	0.9923	0.9240	0.9086	0.9542	0.8852	0.9212	0.7256
72.0	0.9327	0.9889	0.9149	0.8971	0.9528	0.8780	0.8941	0.7153
72.1	0.9286	0.9881	0.8980	0.8665	0.9418	0.8868	0.8880	0.7887
72.2	0.9391	0.9896	0.9262	0.8947	0.9459	0.9054	0.8984	0.8449
72.3	0.9156	0.9851	0.9192	0.8544	0.9306	0.8964	0.8981	0.8270
72.4	0.9185	0.9853	0.9210	0.8484	0.9301	0.8856	0.9050	0.8104
72.5	0.9086	0.9827	0.8883	0.7773	0.9260	0.8432	0.8944	0.7855
72.6	0.9109	0.9831	0.8840	0.7842	0.9244	0.8616	0.9104	0.8302
72.7	0.9058	0.9849	0.9170	0.8191	0.9438	0.8865	0.9054	0.8544
72.8	0.9209	0.9883	0.9529	0.8822	0.9583	0.9095	0.9318	0.8717
72.9	0.9246	0.9889	0.9346	0.8783	0.9520	0.9291	0.9403	0.8922
73.0	0.9256	0.9888	0.9325	0.8175	0.9484	0.9036	0.9223	0.8751
73.1	0.9054	0.9851	0.9348	0.8300	0.9498	0.8981	0.9327	0.8769
73.2	0.9074	0.9860	0.9298	0.8252	0.9512	0.9110	0.9351	0.8901
73.3	0.9159	0.9847	0.9174	0.8467	0.9625	0.9314	0.9478	0.9161
73.4	0.9109	0.9828	0.9045	0.8366	0.9534	0.9034	0.9368	0.8741
73.5	0.9090	0.9836	0.9071	0.7863	0.9501	0.8943	0.9419	0.8528
73.6	0.9092	0.9854	0.9043	0.8240	0.9528	0.9059	0.9428	0.8690
73.7	0.9150	0.9866	0.9058	0.7918	0.9549	0.9111	0.9399	0.8966
73.8	0.9248	0.9892	0.9178	0.7943	0.9622	0.9211	0.9444	0.9137
73.9	0.9261	0.9882	0.9289	0.8320	0.9639	0.9367	0.9631	0.9299
74.0	0.8884	0.9815	0.9432	0.8168	0.9598	0.9405	0.9513	0.9260
74.1	0.9137	0.9838	0.9427	0.8123	0.9687	0.9397	0.9575	0.9284
74.2	0.9392	0.9895	0.9509	0.8310	0.9703	0.9353	0.9577	0.9183
74.3	0.9334	0.9885	0.9578	0.8411	0.9649	0.9268	0.9603	0.9230
74.4	0.9435	0.9886	0.9670	0.8592	0.9741	0.9361	0.9728	0.9345
74.5	0.9280	0.9840	0.9660	0.7717	0.9693	0.9235	0.9652	0.9076
74.6	0.9066	0.9801	0.9381	0.7139	0.9674	0.9221	0.9567	0.9083
74.7	0.8958	0.9785	0.9206	0.7564	0.9665	0.9463	0.9592	0.9224
74.8	0.9054	0.9780	0.9029	0.7271	0.9636	0.9328	0.9564	0.8935
74.9	0.8971	0.9774	0.9261	0.7356	0.9612	0.9173	0.9562	0.8799
75.0	0.8994	0.9786	0.9572	0.7770	0.9689	0.9199	0.9652	0.8815
75.1	0.8954	0.9765	0.9392	0.7403	0.9569	0.9199	0.9521	0.8786
75.2	0.9101	0.9775	0.9113	0.7837	0.9659	0.9169	0.9595	0.8764
75.3	0.9290	0.9824	0.9480	0.7914	0.9731	0.9526	0.9697	0.9263
75.4	0.9335	0.9822	0.9487	0.7935	0.9688	0.9648	0.9639	0.9302
75.5	0.9397	0.9809	0.9404	0.7988	0.9722	0.9526	0.9698	0.9266
75.6	0.9287	0.9777	0.9256	0.8037	0.9668	0.9367	0.9698	0.9157
75.7	0.9372	0.9821	0.9405	0.8060	0.9727	0.9440	0.9714	0.9070
75.8	0.9488	0.9829	0.9530	0.8329	0.9761	0.9518	0.9722	0.9200
75.9	0.9400	0.9737	0.9489	0.8238	0.9672	0.9438	0.9664	0.9132
76.0	0.9354	0.9731	0.9084	0.8227	0.9641	0.9440	0.9588	0.9124
76.1	0.9437	0.9802	0.9246	0.8109	0.9719	0.9628	0.9674	0.9307
76.2	0.9436	0.9799	0.9407	0.8114	0.9728	0.9485	0.9678	0.9133
76.3	0.9422	0.9811	0.9386	0.8349	0.9657	0.9382	0.9639	0.9059
76.4	0.9605	0.9843	0.9386	0.8935	0.9658	0.9602	0.9697	0.9343
76.5	0.9565	0.9780	0.9315	0.8886	0.9637	0.9464	0.9659	0.9066
76.6	0.9439	0.9714	0.9466	0.8679	0.9705	0.9355	0.9710	0.8925
76.7	0.9557	0.9824	0.9502	0.8742	0.9752	0.9542	0.9677	0.9314

76.8	0.9711	0.9874	0.9570	0.8963	0.9789	0.9662	0.9707	0.9351
76.9	0.9730	0.9876	0.9614	0.9140	0.9807	0.9618	0.9755	0.9410
77.0	0.9710	0.9871	0.9501	0.9057	0.9753	0.9692	0.9718	0.9411
77.1	0.9735	0.9879	0.9536	0.9138	0.9771	0.9727	0.9759	0.9393
77.2	0.9658	0.9828	0.9465	0.9106	0.9694	0.9585	0.9704	0.9151
77.3	0.9552	0.9770	0.9287	0.9004	0.9626	0.9444	0.9661	0.8873
77.4	0.9613	0.9820	0.9110	0.9041	0.9700	0.9550	0.9656	0.8750
77.5	0.9671	0.9848	0.9153	0.9082	0.9739	0.9631	0.9654	0.8819
77.6	0.9709	0.9864	0.9251	0.9211	0.9748	0.9648	0.9669	0.9078
77.7	0.9793	0.9895	0.9426	0.9361	0.9772	0.9754	0.9711	0.9245
77.8	0.9685	0.9835	0.9210	0.9128	0.9754	0.9654	0.9633	0.8902
77.9	0.9752	0.9859	0.9268	0.9190	0.9765	0.9654	0.9670	0.8966
78.0	0.9787	0.9887	0.9368	0.9379	0.9782	0.9719	0.9712	0.9044
78.1	0.9813	0.9880	0.9430	0.9533	0.9805	0.9719	0.9762	0.9273
78.2	0.9779	0.9884	0.9373	0.9450	0.9803	0.9685	0.9743	0.9213
78.3	0.9728	0.9843	0.9025	0.9303	0.9747	0.9600	0.9720	0.8752
78.4	0.9681	0.9801	0.9067	0.9269	0.9702	0.9573	0.9736	0.8230
78.5	0.9698	0.9827	0.9227	0.9497	0.9728	0.9631	0.9737	0.8076
78.6	0.9757	0.9860	0.9165	0.9403	0.9744	0.9600	0.9680	0.8004
78.7	0.9776	0.9910	0.9182	0.9409	0.9749	0.9671	0.9697	0.7992
78.8	0.9732	0.9870	0.9159	0.9482	0.9722	0.9630	0.9715	0.7329
78.9	0.9728	0.9839	0.9231	0.9463	0.9680	0.9625	0.9629	0.6483
79.0	0.9670	0.9798	0.9042	0.8546	0.9600	0.9509	0.9465	0.3687
79.1	0.9723	0.9803	0.8878	0.7932	0.9607	0.9512	0.9517	0.2879
79.2	0.9741	0.9763	0.8850	0.8432	0.9706	0.9496	0.9664	0.4063
79.3	0.9839	0.9848	0.9228	0.9237	0.9837	0.9719	0.9869	0.3762
79.4	0.9851	0.9897	0.9378	0.9367	0.9809	0.9760	0.9800	0.2572
79.5	0.9798	0.9849	0.9094	0.9125	0.9743	0.9601	0.9728	0.0889
79.6	0.9772	0.9847	0.9250	0.9245	0.9748	0.9593	0.9771	0.0850
79.7	0.9815	0.9883	0.9260	0.9468	0.9764	0.9637	0.9718	0.1325
79.8	0.9779	0.9876	0.9149	0.9379	0.9772	0.9696	0.9744	0.3073
79.9	0.9830	0.9899	0.9197	0.9319	0.9787	0.9752	0.9764	0.5563
80.0	0.9859	0.9894	0.9292	0.9430	0.9802	0.9736	0.9792	0.6226

2.2.110 Run 11 – IP000NVP – Accels 9–16

In-plane shaking at 0° with no vertical shake plate. Accelerometers 9–16.

f (Hz)	acc9	acc10	acc11	acc12	acc13	acc14	acc15	acc16
0.0	0.0954	--	0.3018	0.8273	0.4679	0.1807	0.0130	0.8484
0.1	0.0701	--	0.0634	0.4951	0.2023	0.0575	0.0199	0.5630
0.2	0.0132	--	0.0089	0.0307	0.0162	0.0711	0.0319	0.0049
0.3	0.0048	--	0.0005	0.0061	0.0048	0.0609	0.0016	0.0039
0.4	0.0066	--	0.0005	0.0346	0.0045	0.0162	0.0427	0.0139
0.5	0.0120	--	0.0088	0.0544	0.0172	0.0399	0.0263	0.0224
0.6	0.0100	--	0.0090	0.0099	0.0256	0.0021	0.0112	0.0080
0.7	0.0194	--	0.0209	0.0208	0.0208	0.0141	0.0171	0.0100
0.8	0.0124	--	0.1723	0.0546	0.0013	0.0322	0.0817	0.0009
0.9	0.0262	--	0.2255	0.0157	0.0313	0.0287	0.0340	0.0150
1.0	0.0309	--	0.4225	0.0282	0.0158	0.1106	0.0547	0.0373
1.1	0.1133	--	0.6672	0.0173	0.1615	0.4462	0.1078	0.2341
1.2	0.1545	--	0.9157	0.2826	0.1816	0.7398	0.3709	0.5929
1.3	0.2656	--	0.8762	0.2020	0.2605	0.8321	0.2066	0.6896
1.4	0.3306	--	0.9410	0.4399	0.2640	0.8964	0.4461	0.8300
1.5	0.2440	--	0.9309	0.2291	0.4360	0.8113	0.2345	0.9133
1.6	0.3690	--	0.9512	0.5496	0.7318	0.9674	0.5482	0.9614
1.7	0.2650	--	0.9673	0.9020	0.8668	0.9797	0.9083	0.9795
1.8	0.6074	--	0.9773	0.9791	0.9452	0.9806	0.9801	0.9833
1.9	0.7109	--	0.9548	0.9193	0.9618	0.9574	0.9222	0.9706
2.0	0.7333	--	0.9652	0.8664	0.9686	0.9667	0.8732	0.9763
2.1	0.5366	--	0.9148	0.6316	0.9405	0.9228	0.6500	0.9385
2.2	0.6116	--	0.7782	0.4651	0.8234	0.7817	0.4560	0.8197
2.3	0.2654	--	0.2256	0.1458	0.2761	0.2256	0.0948	0.2532
2.4	0.4638	--	0.7632	0.4425	0.6616	0.7631	0.5385	0.7055
2.5	0.7337	--	0.9468	0.6715	0.8662	0.9468	0.7676	0.9031
2.6	0.8019	--	0.9734	0.7546	0.8889	0.9731	0.8678	0.9211
2.7	0.6963	--	0.9803	0.8257	0.7881	0.9798	0.9058	0.8871
2.8	0.7189	--	0.9934	0.8700	0.8303	0.9934	0.9375	0.9072
2.9	0.7603	--	0.9956	0.8979	0.8020	0.9954	0.9525	0.8123
3.0	0.8088	--	0.9976	0.9119	0.8860	0.9975	0.9612	0.6498
3.1	0.7608	--	0.9976	0.9081	0.8919	0.9977	0.9625	0.6844
3.2	0.6580	--	0.9986	0.9070	0.9209	0.9985	0.9608	0.9313
3.3	0.5544	--	0.9986	0.8732	0.9279	0.9986	0.9393	0.9532
3.4	0.6868	--	0.9991	0.9016	0.9703	0.9990	0.9483	0.9808
3.5	0.7201	--	0.9994	0.9326	0.9818	0.9993	0.9668	0.9886
3.6	0.6569	--	0.9993	0.9117	0.9822	0.9992	0.9560	0.9885
3.7	0.5209	--	0.9993	0.8452	0.9790	0.9992	0.9400	0.9882
3.8	0.4675	--	0.9994	0.8351	0.9817	0.9993	0.9305	0.9915
3.9	0.5574	--	0.9994	0.7883	0.9874	0.9993	0.9294	0.9933
4.0	0.6751	--	0.9994	0.7572	0.9893	0.9993	0.9069	0.9944
4.1	0.7274	--	0.9995	0.7517	0.9924	0.9993	0.9012	0.9965
4.2	0.6873	--	0.9994	0.6940	0.9894	0.9991	0.8536	0.9947
4.3	0.7711	--	0.9991	0.6197	0.9907	0.9989	0.8078	0.9955
4.4	0.7125	--	0.9992	0.7095	0.9944	0.9991	0.8602	0.9970
4.5	0.4807	--	0.9993	0.7873	0.9954	0.9991	0.8838	0.9964
4.6	0.4744	--	0.9988	0.7239	0.9925	0.9984	0.8376	0.9965
4.7	0.5494	--	0.9984	0.6879	0.9908	0.9981	0.8352	0.9953
4.8	0.7610	--	0.9983	0.6792	0.9937	0.9981	0.8327	0.9963
4.9	0.8137	--	0.9983	0.6356	0.9941	0.9980	0.8178	0.9967
5.0	0.7814	--	0.9980	0.5321	0.9949	0.9975	0.7598	0.9972
5.1	0.7878	--	0.9971	0.4544	0.9919	0.9967	0.7014	0.9955
5.2	0.8430	--	0.9970	0.6347	0.9947	0.9965	0.8078	0.9969
5.3	0.8555	--	0.9965	0.6577	0.9946	0.9955	0.7682	0.9970
5.4	0.8815	--	0.9952	0.7277	0.9948	0.9943	0.7575	0.9970
5.5	0.8869	--	0.9935	0.8059	0.9932	0.9918	0.8046	0.9955
5.6	0.9186	--	0.9955	0.8620	0.9965	0.9945	0.8835	0.9976
5.7	0.9283	--	0.9960	0.8988	0.9949	0.9950	0.9169	0.9962
5.8	0.9258	--	0.9936	0.8955	0.9959	0.9923	0.8982	0.9971
5.9	0.9278	--	0.9956	0.9258	0.9972	0.9942	0.9313	0.9982
6.0	0.9058	--	0.9956	0.9229	0.9956	0.9943	0.9325	0.9971
6.1	0.9117	--	0.9967	0.9279	0.9965	0.9957	0.9344	0.9974
6.2	0.8886	--	0.9968	0.9461	0.9949	0.9960	0.9456	0.9959
6.3	0.8467	--	0.9966	0.9548	0.9929	0.9958	0.9360	0.9938
6.4	0.8925	--	0.9960	0.9346	0.9898	0.9949	0.8823	0.9909
6.5	0.9511	--	0.9961	0.9285	0.9946	0.9955	0.8957	0.9950
6.6	0.9506	--	0.9966	0.9325	0.9907	0.9961	0.8765	0.9909
6.7	0.9676	--	0.9977	0.9423	0.9921	0.9973	0.8457	0.9922
6.8	0.9565	--	0.9969	0.9338	0.9801	0.9960	0.8375	0.9806
6.9	0.9592	--	0.9961	0.9482	0.9733	0.9953	0.8831	0.9734
7.0	0.9282	--	0.9937	0.9375	0.9434	0.9935	0.8025	0.9433
7.1	0.9280	--	0.9902	0.8982	0.9326	0.9905	0.7582	0.9325
7.2	0.9373	--	0.9854	0.8447	0.9308	0.9861	0.4716	0.9303
7.3	0.9439	--	0.9878	0.7145	0.9508	0.9880	0.0379	0.9508
7.4	0.8739	--	0.9880	0.4241	0.8912	0.9914	0.6072	0.8914
7.5	0.8932	--	0.9945	0.3350	0.9207	0.9956	0.8509	0.9208
7.6	0.9101	--	0.9962	0.1664	0.9470	0.9960	0.9304	0.9472
7.7	0.8677	--	0.9962	0.4339	0.9517	0.9955	0.9275	0.9517
7.8	0.8822	--	0.9964	0.5580	0.9645	0.9958	0.8826	0.9643
7.9	0.8965	--	0.9963	0.6810	0.9795	0.9959	0.8919	0.9789

8.0	0.8871	--	0.9968	0.6799	0.9695	0.9965	0.8196	0.9691
8.1	0.9238	--	0.9964	0.4582	0.9862	0.9959	0.8262	0.9859
8.2	0.9451	--	0.9964	0.6412	0.9849	0.9955	0.9205	0.9855
8.3	0.9409	--	0.9972	0.8346	0.9857	0.9968	0.9428	0.9859
8.4	0.9328	--	0.9972	0.8640	0.9786	0.9968	0.9373	0.9786
8.5	0.9347	--	0.9968	0.8874	0.9798	0.9963	0.9338	0.9804
8.6	0.9506	--	0.9974	0.9195	0.9827	0.9970	0.9349	0.9828
8.7	0.9442	--	0.9976	0.9292	0.9745	0.9970	0.9465	0.9745
8.8	0.9487	--	0.9977	0.9519	0.9762	0.9971	0.9514	0.9757
8.9	0.9329	--	0.9978	0.9652	0.9749	0.9969	0.9174	0.9749
9.0	0.9242	--	0.9965	0.9398	0.9552	0.9959	0.8752	0.9553
9.1	0.9592	--	0.9967	0.9072	0.9626	0.9962	0.8454	0.9628
9.2	0.9358	--	0.9951	0.8830	0.9328	0.9944	0.7255	0.9325
9.3	0.9395	--	0.9955	0.9322	0.9448	0.9949	0.8155	0.9444
9.4	0.9530	--	0.9953	0.9458	0.9653	0.9948	0.9212	0.9651
9.5	0.9213	--	0.9915	0.8917	0.9452	0.9916	0.9308	0.9450
9.6	0.9621	--	0.9954	0.9463	0.9775	0.9952	0.9705	0.9774
9.7	0.9681	--	0.9963	0.9507	0.9844	0.9963	0.9746	0.9843
9.8	0.9767	--	0.9977	0.9536	0.9936	0.9974	0.9728	0.9936
9.9	0.9709	--	0.9977	0.8784	0.9934	0.9975	0.9709	0.9933
10.0	0.9706	--	0.9982	0.7280	0.9974	0.9978	0.9763	0.9973
10.1	0.9621	--	0.9980	0.7515	0.9963	0.9976	0.9729	0.9962
10.2	0.9552	--	0.9981	0.8050	0.9978	0.9981	0.9762	0.9978
10.3	0.9471	--	0.9978	0.7849	0.9984	0.9976	0.9644	0.9984
10.4	0.8927	--	0.9972	0.8167	0.9986	0.9966	0.9518	0.9988
10.5	0.8739	--	0.9980	0.8388	0.9991	0.9977	0.9627	0.9992
10.6	0.8304	--	0.9977	0.7997	0.9987	0.9974	0.9527	0.9988
10.7	0.8427	--	0.9982	0.6786	0.9991	0.9981	0.9557	0.9992
10.8	0.7873	--	0.9982	0.5351	0.9991	0.9981	0.9594	0.9992
10.9	0.7619	--	0.9983	0.4852	0.9996	0.9982	0.9575	0.9996
11.0	0.7110	--	0.9979	0.3933	0.9994	0.9979	0.9345	0.9995
11.1	0.7347	--	0.9981	0.2731	0.9994	0.9981	0.9272	0.9995
11.2	0.7493	--	0.9980	0.3263	0.9995	0.9982	0.9233	0.9995
11.3	0.7697	--	0.9975	0.4443	0.9993	0.9976	0.9293	0.9995
11.4	0.8473	--	0.9981	0.5992	0.9995	0.9981	0.9470	0.9995
11.5	0.8910	--	0.9983	0.6991	0.9994	0.9982	0.9551	0.9995
11.6	0.9004	--	0.9981	0.8062	0.9993	0.9980	0.9722	0.9995
11.7	0.9170	--	0.9982	0.8510	0.9995	0.9981	0.9768	0.9997
11.8	0.9195	--	0.9977	0.7885	0.9994	0.9976	0.9663	0.9995
11.9	0.9371	--	0.9984	0.8594	0.9995	0.9985	0.9735	0.9995
12.0	0.9542	--	0.9987	0.8682	0.9995	0.9987	0.9763	0.9996
12.1	0.9518	--	0.9987	0.8159	0.9995	0.9984	0.9704	0.9996
12.2	0.9305	--	0.9986	0.8506	0.9996	0.9985	0.9687	0.9998
12.3	0.9216	--	0.9986	0.8198	0.9996	0.9982	0.9634	0.9998
12.4	0.9167	--	0.9986	0.7827	0.9996	0.9981	0.9557	0.9998
12.5	0.9062	--	0.9981	0.7239	0.9995	0.9977	0.9526	0.9996
12.6	0.9010	--	0.9983	0.6340	0.9994	0.9981	0.9254	0.9996
12.7	0.9160	--	0.9987	0.6063	0.9994	0.9981	0.9155	0.9996
12.8	0.9327	--	0.9992	0.6907	0.9996	0.9988	0.9200	0.9997
12.9	0.9480	--	0.9992	0.7084	0.9996	0.9987	0.8923	0.9997
13.0	0.9405	--	0.9987	0.5997	0.9994	0.9977	0.8137	0.9995
13.1	0.9406	--	0.9988	0.5627	0.9992	0.9978	0.5965	0.9995
13.2	0.9504	--	0.9990	0.5580	0.9993	0.9981	0.2597	0.9996
13.3	0.9424	--	0.9992	0.5885	0.9991	0.9980	0.1030	0.9993
13.4	0.9485	--	0.9994	0.7202	0.9993	0.9988	0.4771	0.9994
13.5	0.9486	--	0.9994	0.7559	0.9994	0.9990	0.7049	0.9994
13.6	0.9362	--	0.9992	0.6941	0.9993	0.9988	0.8224	0.9994
13.7	0.9276	--	0.9993	0.6902	0.9993	0.9991	0.8868	0.9993
13.8	0.8814	--	0.9993	0.6716	0.9992	0.9994	0.9145	0.9993
13.9	0.8426	--	0.9989	0.6808	0.9989	0.9988	0.9050	0.9989
14.0	0.8816	--	0.9990	0.6013	0.9990	0.9986	0.8847	0.9990
14.1	0.9074	--	0.9991	0.6862	0.9988	0.9987	0.8552	0.9989
14.2	0.9118	--	0.9989	0.8100	0.9985	0.9982	0.8909	0.9985
14.3	0.8956	--	0.9988	0.8688	0.9985	0.9981	0.9263	0.9986
14.4	0.9087	--	0.9991	0.9244	0.9982	0.9987	0.9629	0.9986
14.5	0.9192	--	0.9991	0.9302	0.9979	0.9988	0.9735	0.9983
14.6	0.9017	--	0.9989	0.9229	0.9974	0.9987	0.9710	0.9975
14.7	0.9322	--	0.9993	0.8953	0.9983	0.9992	0.9639	0.9984
14.8	0.9514	--	0.9995	0.8884	0.9984	0.9993	0.9654	0.9987
14.9	0.9554	--	0.9993	0.9097	0.9979	0.9992	0.9693	0.9979
15.0	0.9469	--	0.9992	0.8764	0.9965	0.9990	0.9576	0.9974
15.1	0.9573	--	0.9995	0.9153	0.9956	0.9994	0.9698	0.9973
15.2	0.9752	--	0.9996	0.9269	0.9968	0.9995	0.9707	0.9981
15.3	0.9719	--	0.9995	0.8989	0.9966	0.9994	0.9630	0.9977
15.4	0.9594	--	0.9993	0.8806	0.9966	0.9991	0.9578	0.9973
15.5	0.9612	--	0.9992	0.8667	0.9959	0.9989	0.9456	0.9973
15.6	0.9605	--	0.9993	0.8360	0.9934	0.9992	0.9275	0.9957
15.7	0.9558	--	0.9994	0.8679	0.9959	0.9991	0.9476	0.9969
15.8	0.9486	--	0.9993	0.8303	0.9955	0.9990	0.9190	0.9964
15.9	0.9638	--	0.9993	0.8196	0.9965	0.9992	0.9225	0.9973
16.0	0.9544	--	0.9994	0.7670	0.9971	0.9992	0.9058	0.9973
16.1	0.9450	--	0.9993	0.7393	0.9968	0.9992	0.8780	0.9972
16.2	0.9374	--	0.9992	0.6991	0.9961	0.9992	0.8392	0.9969
16.3	0.9259	--	0.9991	0.6026	0.9956	0.9992	0.7642	0.9964
16.4	0.9147	--	0.9992	0.5047	0.9967	0.9993	0.6436	0.9971
16.5	0.9232	--	0.9994	0.3597	0.9980	0.9994	0.5954	0.9983

16.6	0.8182	--	0.9992	0.0917	0.9974	0.9990	0.4183	0.9975
16.7	0.5293	--	0.9987	0.0892	0.9965	0.9988	0.2035	0.9963
16.8	0.8163	--	0.9990	0.4455	0.9964	0.9988	0.6199	0.9968
16.9	0.8751	--	0.9988	0.6399	0.9962	0.9986	0.7898	0.9965
17.0	0.8534	--	0.9978	0.7087	0.9938	0.9976	0.8783	0.9953
17.1	0.6727	--	0.9981	0.6783	0.9941	0.9979	0.8594	0.9957
17.2	0.8428	--	0.9988	0.7862	0.9967	0.9988	0.8986	0.9975
17.3	0.9107	--	0.9983	0.8606	0.9969	0.9985	0.9298	0.9976
17.4	0.9295	--	0.9978	0.8912	0.9952	0.9978	0.9424	0.9967
17.5	0.9470	--	0.9981	0.8965	0.9958	0.9980	0.9444	0.9969
17.6	0.9439	--	0.9981	0.9140	0.9967	0.9983	0.9483	0.9972
17.7	0.9464	--	0.9980	0.8872	0.9967	0.9980	0.9364	0.9970
17.8	0.9374	--	0.9978	0.8614	0.9960	0.9978	0.9216	0.9970
17.9	0.9487	--	0.9986	0.8804	0.9971	0.9988	0.9352	0.9982
18.0	0.9590	--	0.9985	0.8823	0.9974	0.9987	0.9312	0.9981
18.1	0.9643	--	0.9989	0.8934	0.9978	0.9989	0.9369	0.9983
18.2	0.9719	--	0.9989	0.9302	0.9974	0.9989	0.9589	0.9980
18.3	0.9807	--	0.9987	0.9494	0.9979	0.9986	0.9682	0.9986
18.4	0.9825	--	0.9989	0.9346	0.9972	0.9989	0.9521	0.9981
18.5	0.9734	--	0.9989	0.9115	0.9961	0.9989	0.9352	0.9968
18.6	0.9480	--	0.9986	0.7322	0.9921	0.9987	0.7949	0.9941
18.7	0.9637	--	0.9991	0.7037	0.9950	0.9992	0.8169	0.9965
18.8	0.9659	--	0.9990	0.7877	0.9974	0.9990	0.8805	0.9979
18.9	0.9640	--	0.9987	0.8492	0.9974	0.9987	0.9182	0.9981
19.0	0.9759	--	0.9986	0.9029	0.9983	0.9986	0.9391	0.9987
19.1	0.9829	--	0.9989	0.9144	0.9983	0.9988	0.9462	0.9988
19.2	0.9853	--	0.9990	0.9347	0.9981	0.9990	0.9580	0.9985
19.3	0.9872	--	0.9990	0.9367	0.9984	0.9991	0.9566	0.9985
19.4	0.9824	--	0.9986	0.9263	0.9979	0.9986	0.9483	0.9979
19.5	0.9876	--	0.9990	0.9567	0.9986	0.9989	0.9687	0.9987
19.6	0.9880	--	0.9989	0.9522	0.9981	0.9989	0.9613	0.9983
19.7	0.9875	--	0.9986	0.9408	0.9980	0.9985	0.9473	0.9985
19.8	0.9884	--	0.9991	0.9620	0.9985	0.9991	0.9635	0.9989
19.9	0.9891	--	0.9992	0.9603	0.9989	0.9992	0.9591	0.9991
20.0	0.9890	--	0.9993	0.9449	0.9984	0.9993	0.9382	0.9988
20.1	0.9878	--	0.9991	0.9240	0.9982	0.9990	0.9071	0.9988
20.2	0.9810	--	0.9984	0.8353	0.9984	0.9983	0.7962	0.9988
20.3	0.9823	--	0.9988	0.7644	0.9986	0.9988	0.6922	0.9989
20.4	0.9819	--	0.9987	0.7739	0.9980	0.9986	0.6951	0.9984
20.5	0.9798	--	0.9987	0.7090	0.9979	0.9987	0.6246	0.9986
20.6	0.9790	--	0.9987	0.5838	0.9974	0.9986	0.5070	0.9979
20.7	0.9775	--	0.9978	0.5719	0.9967	0.9979	0.5281	0.9970
20.8	0.9788	--	0.9970	0.6620	0.9971	0.9973	0.6098	0.9973
20.9	0.9815	--	0.9971	0.7451	0.9970	0.9972	0.6785	0.9970
21.0	0.9757	--	0.9981	0.6745	0.9968	0.9979	0.5690	0.9970
21.1	0.9722	--	0.9980	0.5696	0.9968	0.9980	0.3854	0.9967
21.2	0.9795	--	0.9981	0.4055	0.9971	0.9982	0.1743	0.9969
21.3	0.9792	--	0.9987	0.3235	0.9966	0.9987	0.0997	0.9968
21.4	0.9755	--	0.9986	0.2840	0.9964	0.9986	0.0763	0.9973
21.5	0.9795	--	0.9983	0.2762	0.9966	0.9984	0.0216	0.9968
21.6	0.9705	--	0.9979	0.2331	0.9960	0.9978	0.1354	0.9957
21.7	0.9716	--	0.9982	0.3100	0.9962	0.9983	0.2249	0.9960
21.8	0.9593	--	0.9981	0.3458	0.9958	0.9980	0.2412	0.9956
21.9	0.9588	--	0.9976	0.3617	0.9958	0.9974	0.3177	0.9952
22.0	0.9631	--	0.9980	0.3969	0.9961	0.9978	0.3265	0.9960
22.1	0.9584	--	0.9976	0.3813	0.9946	0.9974	0.2538	0.9954
22.2	0.9592	--	0.9973	0.4498	0.9953	0.9972	0.3937	0.9954
22.3	0.9696	--	0.9982	0.5255	0.9972	0.9982	0.4132	0.9972
22.4	0.9716	--	0.9988	0.6217	0.9981	0.9988	0.4411	0.9982
22.5	0.9465	--	0.9986	0.5950	0.9980	0.9986	0.3839	0.9980
22.6	0.9388	--	0.9986	0.6226	0.9981	0.9986	0.3093	0.9977
22.7	0.9291	--	0.9981	0.5856	0.9977	0.9980	0.3344	0.9974
22.8	0.9113	--	0.9986	0.6443	0.9983	0.9985	0.3290	0.9980
22.9	0.8673	--	0.9980	0.5695	0.9972	0.9979	0.1501	0.9969
23.0	0.8179	--	0.9988	0.6049	0.9985	0.9987	0.2887	0.9983
23.1	0.8198	--	0.9986	0.7056	0.9974	0.9985	0.2866	0.9973
23.2	0.7977	--	0.9980	0.5689	0.9972	0.9979	0.0836	0.9972
23.3	0.8474	--	0.9981	0.4939	0.9975	0.9979	0.0365	0.9974
23.4	0.8045	--	0.9978	0.3900	0.9964	0.9976	0.0703	0.9964
23.5	0.6828	--	0.9971	0.2504	0.9958	0.9969	0.0609	0.9958
23.6	0.6835	--	0.9968	0.2217	0.9956	0.9964	0.0287	0.9956
23.7	0.7927	--	0.9964	0.1608	0.9942	0.9962	0.1574	0.9944
23.8	0.8168	--	0.9954	0.1139	0.9942	0.9952	0.2145	0.9941
23.9	0.8589	--	0.9949	0.0639	0.9928	0.9945	0.3089	0.9930
24.0	0.9153	--	0.9962	0.0926	0.9951	0.9961	0.6614	0.9950
24.1	0.9397	--	0.9969	0.2073	0.9963	0.9967	0.7523	0.9961
24.2	0.9414	--	0.9954	0.1326	0.9945	0.9954	0.7076	0.9942
24.3	0.9509	--	0.9953	0.2085	0.9935	0.9952	0.6873	0.9936
24.4	0.9494	--	0.9939	0.4052	0.9924	0.9938	0.7823	0.9922
24.5	0.9478	--	0.9923	0.3822	0.9900	0.9923	0.7645	0.9899
24.6	0.9657	--	0.9960	0.6428	0.9943	0.9959	0.8712	0.9945
24.7	0.9735	--	0.9946	0.6785	0.9931	0.9944	0.8787	0.9934
24.8	0.9802	--	0.9956	0.8021	0.9952	0.9955	0.9205	0.9950
24.9	0.9740	--	0.9948	0.8526	0.9940	0.9946	0.9313	0.9938
25.0	0.9665	--	0.9917	0.8457	0.9895	0.9917	0.9238	0.9896
25.1	0.9688	--	0.9912	0.8587	0.9892	0.9911	0.9254	0.9890

25.2	0.9785	--	0.9925	0.8853	0.9907	0.9923	0.9369	0.9908
25.3	0.9747	--	0.9916	0.8820	0.9895	0.9914	0.9271	0.9899
25.4	0.9790	--	0.9940	0.8797	0.9924	0.9938	0.9228	0.9926
25.5	0.9789	--	0.9943	0.9102	0.9929	0.9943	0.9429	0.9934
25.6	0.9754	--	0.9936	0.9216	0.9912	0.9934	0.9457	0.9925
25.7	0.9784	--	0.9941	0.9173	0.9936	0.9941	0.9377	0.9943
25.8	0.9822	--	0.9939	0.9000	0.9932	0.9937	0.9266	0.9937
25.9	0.9826	--	0.9947	0.8871	0.9937	0.9944	0.9118	0.9942
26.0	0.9805	--	0.9957	0.9137	0.9943	0.9956	0.9260	0.9955
26.1	0.9770	--	0.9956	0.9035	0.9943	0.9955	0.9119	0.9956
26.2	0.9836	--	0.9954	0.9058	0.9946	0.9953	0.9051	0.9954
26.3	0.9845	--	0.9961	0.9198	0.9946	0.9961	0.9128	0.9958
26.4	0.9836	--	0.9956	0.9350	0.9942	0.9955	0.9255	0.9951
26.5	0.9876	--	0.9960	0.9408	0.9940	0.9961	0.9214	0.9954
26.6	0.9880	--	0.9976	0.9757	0.9976	0.9975	0.9619	0.9975
26.7	0.9844	--	0.9964	0.9588	0.9960	0.9963	0.9332	0.9962
26.8	0.9872	--	0.9969	0.9631	0.9962	0.9968	0.9326	0.9964
26.9	0.9859	--	0.9962	0.9606	0.9951	0.9962	0.9201	0.9954
27.0	0.9875	--	0.9972	0.9779	0.9966	0.9971	0.9485	0.9967
27.1	0.9857	--	0.9965	0.9734	0.9953	0.9964	0.9297	0.9956
27.2	0.9855	--	0.9969	0.9667	0.9959	0.9969	0.8927	0.9962
27.3	0.9876	--	0.9974	0.9632	0.9966	0.9974	0.8565	0.9969
27.4	0.9872	--	0.9976	0.9590	0.9970	0.9976	0.7999	0.9973
27.5	0.9791	--	0.9977	0.9637	0.9977	0.9976	0.7804	0.9975
27.6	0.9763	--	0.9977	0.9576	0.9975	0.9977	0.7521	0.9975
27.7	0.9854	--	0.9985	0.9542	0.9983	0.9985	0.7745	0.9983
27.8	0.9829	--	0.9970	0.9396	0.9964	0.9970	0.7162	0.9965
27.9	0.9799	--	0.9977	0.9293	0.9974	0.9977	0.7644	0.9975
28.0	0.9842	--	0.9983	0.9333	0.9982	0.9982	0.8480	0.9982
28.1	0.9760	--	0.9985	0.9199	0.9982	0.9985	0.8832	0.9981
28.2	0.9795	--	0.9986	0.9332	0.9981	0.9985	0.9158	0.9979
28.3	0.9848	--	0.9987	0.9405	0.9982	0.9986	0.9399	0.9981
28.4	0.9799	--	0.9986	0.9231	0.9980	0.9986	0.9385	0.9982
28.5	0.9747	--	0.9987	0.9143	0.9983	0.9988	0.9424	0.9984
28.6	0.9774	--	0.9991	0.9211	0.9988	0.9992	0.9498	0.9986
28.7	0.9735	--	0.9990	0.9001	0.9985	0.9992	0.9417	0.9984
28.8	0.9701	--	0.9988	0.9033	0.9985	0.9991	0.9493	0.9983
28.9	0.9693	--	0.9989	0.9084	0.9985	0.9991	0.9573	0.9983
29.0	0.9540	--	0.9987	0.8922	0.9983	0.9989	0.9469	0.9980
29.1	0.9526	--	0.9988	0.9059	0.9984	0.9989	0.9497	0.9979
29.2	0.9509	--	0.9988	0.9173	0.9983	0.9989	0.9554	0.9977
29.3	0.9409	--	0.9987	0.9366	0.9983	0.9988	0.9590	0.9977
29.4	0.9576	--	0.9989	0.9630	0.9986	0.9989	0.9736	0.9983
29.5	0.9565	--	0.9988	0.9583	0.9979	0.9988	0.9696	0.9976
29.6	0.9232	--	0.9986	0.9520	0.9979	0.9985	0.9622	0.9973
29.7	0.9261	--	0.9986	0.9602	0.9981	0.9985	0.9655	0.9975
29.8	0.9521	--	0.9988	0.9678	0.9983	0.9987	0.9720	0.9977
29.9	0.9571	--	0.9987	0.9601	0.9980	0.9987	0.9669	0.9977
30.0	0.9384	--	0.9984	0.9615	0.9980	0.9984	0.9659	0.9971
30.1	0.9372	--	0.9988	0.9621	0.9987	0.9987	0.9701	0.9982
30.2	0.9581	--	0.9987	0.9663	0.9986	0.9988	0.9765	0.9982
30.3	0.9588	--	0.9990	0.9721	0.9987	0.9990	0.9805	0.9985
30.4	0.9645	--	0.9990	0.9740	0.9988	0.9991	0.9810	0.9988
30.5	0.9664	--	0.9988	0.9737	0.9983	0.9988	0.9783	0.9981
30.6	0.9692	--	0.9986	0.9624	0.9977	0.9986	0.9716	0.9974
30.7	0.9802	--	0.9991	0.9635	0.9986	0.9992	0.9751	0.9983
30.8	0.9759	--	0.9987	0.9565	0.9977	0.9989	0.9710	0.9972
30.9	0.9807	--	0.9989	0.9688	0.9982	0.9991	0.9781	0.9978
31.0	0.9795	--	0.9990	0.9628	0.9982	0.9991	0.9737	0.9979
31.1	0.9808	--	0.9990	0.9668	0.9980	0.9989	0.9750	0.9972
31.2	0.9832	--	0.9988	0.9686	0.9977	0.9989	0.9749	0.9968
31.3	0.9793	--	0.9990	0.9713	0.9980	0.9992	0.9763	0.9971
31.4	0.9766	--	0.9989	0.9740	0.9979	0.9989	0.9748	0.9965
31.5	0.9779	--	0.9986	0.9688	0.9978	0.9987	0.9706	0.9962
31.6	0.9741	--	0.9990	0.9668	0.9982	0.9988	0.9678	0.9966
31.7	0.9798	--	0.9991	0.9672	0.9983	0.9991	0.9662	0.9970
31.8	0.9752	--	0.9988	0.9646	0.9977	0.9987	0.9602	0.9966
31.9	0.9842	--	0.9993	0.9717	0.9987	0.9991	0.9671	0.9977
32.0	0.9851	--	0.9992	0.9694	0.9987	0.9990	0.9644	0.9976
32.1	0.9849	--	0.9986	0.9663	0.9982	0.9983	0.9573	0.9969
32.2	0.9825	--	0.9986	0.9688	0.9983	0.9986	0.9576	0.9970
32.3	0.9802	--	0.9986	0.9633	0.9983	0.9986	0.9483	0.9970
32.4	0.9774	--	0.9981	0.9436	0.9975	0.9980	0.9207	0.9965
32.5	0.9694	--	0.9967	0.9258	0.9956	0.9966	0.8965	0.9947
32.6	0.9775	--	0.9952	0.9312	0.9939	0.9955	0.8984	0.9923
32.7	0.9771	--	0.9954	0.9579	0.9934	0.9952	0.9331	0.9925
32.8	0.9818	--	0.9956	0.9392	0.9935	0.9956	0.9030	0.9917
32.9	0.9869	--	0.9929	0.9332	0.9901	0.9929	0.8929	0.9901
33.0	0.9843	--	0.9909	0.9430	0.9865	0.9903	0.9058	0.9888
33.1	0.9751	--	0.9847	0.9274	0.9788	0.9831	0.8779	0.9810
33.2	0.9625	--	0.9741	0.8959	0.9632	0.9726	0.8320	0.9703
33.3	0.9704	--	0.9719	0.8981	0.9673	0.9714	0.8386	0.9676
33.4	0.9645	--	0.9762	0.9181	0.9733	0.9757	0.8692	0.9739
33.5	0.9655	--	0.9782	0.9446	0.9762	0.9776	0.9109	0.9782
33.6	0.9690	--	0.9772	0.9476	0.9767	0.9771	0.9214	0.9757
33.7	0.9627	--	0.9778	0.9429	0.9772	0.9787	0.9146	0.9774

33.8	0.9502	--	0.9709	0.9131	0.9709	0.9723	0.8702	0.9704
33.9	0.9765	--	0.9891	0.9602	0.9886	0.9892	0.9330	0.9884
34.0	0.9705	--	0.9907	0.9467	0.9883	0.9903	0.8972	0.9897
34.1	0.9702	--	0.9921	0.9438	0.9895	0.9913	0.8777	0.9914
34.2	0.9731	--	0.9923	0.9316	0.9897	0.9919	0.8472	0.9922
34.3	0.9794	--	0.9960	0.9426	0.9940	0.9952	0.8204	0.9949
34.4	0.9812	--	0.9970	0.9408	0.9958	0.9965	0.7029	0.9960
34.5	0.9795	--	0.9974	0.9495	0.9966	0.9970	0.5159	0.9964
34.6	0.9788	--	0.9972	0.9476	0.9959	0.9967	0.1598	0.9962
34.7	0.9809	--	0.9979	0.9455	0.9967	0.9974	0.2253	0.9967
34.8	0.9750	--	0.9979	0.9622	0.9966	0.9975	0.5448	0.9967
34.9	0.9813	--	0.9979	0.9776	0.9967	0.9976	0.7621	0.9966
35.0	0.9858	--	0.9983	0.9805	0.9976	0.9980	0.8356	0.9968
35.1	0.9874	--	0.9983	0.9877	0.9975	0.9981	0.9062	0.9974
35.2	0.9871	--	0.9984	0.9905	0.9979	0.9983	0.9253	0.9973
35.3	0.9897	--	0.9982	0.9846	0.9975	0.9981	0.8973	0.9968
35.4	0.9893	--	0.9980	0.9814	0.9968	0.9980	0.8795	0.9961
35.5	0.9929	--	0.9978	0.9860	0.9968	0.9978	0.8946	0.9961
35.6	0.9948	--	0.9980	0.9895	0.9973	0.9980	0.9273	0.9962
35.7	0.9933	--	0.9984	0.9906	0.9979	0.9983	0.9442	0.9967
35.8	0.9916	--	0.9980	0.9894	0.9969	0.9980	0.9345	0.9954
35.9	0.9910	--	0.9981	0.9875	0.9966	0.9982	0.9186	0.9955
36.0	0.9946	--	0.9989	0.9921	0.9982	0.9989	0.9501	0.9970
36.1	0.9940	--	0.9987	0.9880	0.9982	0.9987	0.9284	0.9960
36.2	0.9920	--	0.9984	0.9833	0.9974	0.9984	0.8914	0.9955
36.3	0.9942	--	0.9987	0.9852	0.9972	0.9988	0.9079	0.9974
36.4	0.9950	--	0.9987	0.9818	0.9973	0.9987	0.8907	0.9970
36.5	0.9940	--	0.9983	0.9807	0.9972	0.9983	0.8704	0.9953
36.6	0.9949	--	0.9981	0.9816	0.9970	0.9980	0.8823	0.9954
36.7	0.9952	--	0.9982	0.9795	0.9971	0.9980	0.9037	0.9961
36.8	0.9946	--	0.9982	0.9763	0.9978	0.9981	0.9132	0.9964
36.9	0.9925	--	0.9976	0.9729	0.9967	0.9974	0.9143	0.9954
37.0	0.9944	--	0.9988	0.9832	0.9976	0.9987	0.9475	0.9968
37.1	0.9946	--	0.9983	0.9810	0.9974	0.9984	0.9366	0.9960
37.2	0.9952	--	0.9984	0.9850	0.9978	0.9985	0.9527	0.9961
37.3	0.9957	--	0.9985	0.9861	0.9979	0.9985	0.9604	0.9969
37.4	0.9951	--	0.9981	0.9850	0.9975	0.9981	0.9585	0.9958
37.5	0.9946	--	0.9984	0.9872	0.9981	0.9985	0.9656	0.9966
37.6	0.9957	--	0.9987	0.9913	0.9981	0.9986	0.9792	0.9975
37.7	0.9943	--	0.9985	0.9884	0.9978	0.9984	0.9733	0.9963
37.8	0.9937	--	0.9982	0.9880	0.9973	0.9981	0.9738	0.9962
37.9	0.9929	--	0.9975	0.9862	0.9966	0.9974	0.9722	0.9956
38.0	0.9937	--	0.9984	0.9872	0.9976	0.9984	0.9758	0.9968
38.1	0.9920	--	0.9971	0.9802	0.9961	0.9969	0.9671	0.9946
38.2	0.9927	--	0.9976	0.9803	0.9968	0.9976	0.9686	0.9958
38.3	0.9923	--	0.9975	0.9811	0.9967	0.9976	0.9709	0.9956
38.4	0.9939	--	0.9976	0.9822	0.9967	0.9976	0.9736	0.9958
38.5	0.9940	--	0.9981	0.9864	0.9973	0.9980	0.9803	0.9967
38.6	0.9916	--	0.9964	0.9808	0.9952	0.9964	0.9733	0.9948
38.7	0.9934	--	0.9966	0.9785	0.9954	0.9968	0.9716	0.9950
38.8	0.9925	--	0.9975	0.9824	0.9959	0.9976	0.9789	0.9962
38.9	0.9924	--	0.9969	0.9816	0.9951	0.9969	0.9785	0.9953
39.0	0.9945	--	0.9982	0.9855	0.9969	0.9983	0.9830	0.9974
39.1	0.9951	--	0.9978	0.9788	0.9953	0.9978	0.9770	0.9965
39.2	0.9952	--	0.9980	0.9837	0.9966	0.9981	0.9831	0.9969
39.3	0.9943	--	0.9982	0.9822	0.9961	0.9983	0.9802	0.9966
39.4	0.9946	--	0.9981	0.9818	0.9946	0.9982	0.9814	0.9965
39.5	0.9916	--	0.9972	0.9764	0.9927	0.9974	0.9768	0.9941
39.6	0.9857	--	0.9968	0.9679	0.9902	0.9971	0.9736	0.9909
39.7	0.9856	--	0.9979	0.9590	0.9927	0.9980	0.9647	0.9953
39.8	0.9918	--	0.9976	0.9682	0.9866	0.9978	0.9709	0.9951
39.9	0.9882	--	0.9959	0.9649	0.9809	0.9963	0.9709	0.9907
40.0	0.9904	--	0.9970	0.9533	0.9836	0.9973	0.9672	0.9934
40.1	0.9864	--	0.9966	0.9359	0.9782	0.9971	0.9584	0.9914
40.2	0.9877	--	0.9971	0.9489	0.9796	0.9975	0.9702	0.9923
40.3	0.9910	--	0.9972	0.9596	0.9772	0.9976	0.9743	0.9921
40.4	0.9850	--	0.9969	0.9398	0.9832	0.9973	0.9652	0.9890
40.5	0.9856	--	0.9975	0.9432	0.9826	0.9976	0.9697	0.9927
40.6	0.9874	--	0.9975	0.9246	0.9595	0.9976	0.9581	0.9925
40.7	0.9767	--	0.9976	0.9099	0.9691	0.9980	0.9551	0.9842
40.8	0.9854	--	0.9973	0.9017	0.9834	0.9977	0.9444	0.9902
40.9	0.9851	--	0.9976	0.8890	0.9839	0.9979	0.9484	0.9882
41.0	0.9764	--	0.9972	0.8699	0.9817	0.9977	0.9431	0.9863
41.1	0.9757	--	0.9968	0.8066	0.9789	0.9973	0.9191	0.9786
41.2	0.9592	--	0.9969	0.7635	0.9702	0.9975	0.8972	0.9555
41.3	0.9585	--	0.9976	0.8278	0.9770	0.9977	0.9242	0.9685
41.4	0.9638	--	0.9975	0.7917	0.9749	0.9974	0.9215	0.9619
41.5	0.9634	--	0.9974	0.6979	0.9757	0.9975	0.8774	0.9209
41.6	0.9524	--	0.9966	0.5188	0.9796	0.9965	0.7809	0.8759
41.7	0.9510	--	0.9963	0.4639	0.9831	0.9965	0.7564	0.9186
41.8	0.9537	--	0.9962	0.5010	0.9737	0.9963	0.7658	0.8267
41.9	0.9711	--	0.9978	0.6679	0.9766	0.9976	0.8205	0.8061
42.0	0.9568	--	0.9975	0.6665	0.9739	0.9973	0.8044	0.7199
42.1	0.9555	--	0.9978	0.5671	0.9755	0.9977	0.7928	0.5296
42.2	0.9353	--	0.9971	0.5164	0.9544	0.9972	0.7665	0.4602
42.3	0.9323	--	0.9971	0.5439	0.9601	0.9972	0.7378	0.6618

42.4	0.9312	--	0.9982	0.6681	0.9635	0.9982	0.7749	0.5211
42.5	0.9440	--	0.9975	0.7010	0.9479	0.9974	0.7952	0.5885
42.6	0.9219	--	0.9970	0.6783	0.9476	0.9970	0.7908	0.6409
42.7	0.9072	--	0.9970	0.5915	0.9202	0.9971	0.7413	0.7289
42.8	0.9055	--	0.9969	0.5810	0.9096	0.9973	0.7288	0.7920
42.9	0.9070	--	0.9966	0.5855	0.9064	0.9966	0.7408	0.8050
43.0	0.9366	--	0.9974	0.7092	0.9031	0.9972	0.7963	0.8096
43.1	0.9367	--	0.9974	0.7750	0.8856	0.9973	0.8365	0.8102
43.2	0.9154	--	0.9979	0.7504	0.8748	0.9978	0.8159	0.8196
43.3	0.9300	--	0.9978	0.7627	0.8445	0.9980	0.8284	0.8489
43.4	0.9411	--	0.9978	0.7788	0.7556	0.9979	0.8271	0.8564
43.5	0.9252	--	0.9971	0.7764	0.7523	0.9972	0.8286	0.8603
43.6	0.9194	--	0.9971	0.8130	0.7108	0.9972	0.8527	0.8362
43.7	0.9505	--	0.9977	0.7855	0.7399	0.9975	0.8193	0.8333
43.8	0.9165	--	0.9978	0.7432	0.7381	0.9978	0.7729	0.8671
43.9	0.9119	--	0.9975	0.7165	0.7905	0.9974	0.7420	0.8070
44.0	0.9167	--	0.9978	0.7741	0.7957	0.9980	0.7881	0.7457
44.1	0.8970	--	0.9974	0.7853	0.7393	0.9976	0.8078	0.8347
44.2	0.9331	--	0.9974	0.8646	0.7812	0.9973	0.8795	0.8004
44.3	0.9268	--	0.9971	0.8329	0.7329	0.9965	0.8288	0.7027
44.4	0.9318	--	0.9970	0.7188	0.7558	0.9968	0.7014	0.8318
44.5	0.9315	--	0.9978	0.6174	0.7826	0.9983	0.5875	0.9264
44.6	0.9452	--	0.9981	0.6999	0.7481	0.9985	0.6726	0.9592
44.7	0.9336	--	0.9980	0.7042	0.7022	0.9980	0.6630	0.9734
44.8	0.9366	--	0.9977	0.5392	0.7475	0.9983	0.4714	0.9700
44.9	0.9381	--	0.9980	0.2466	0.7231	0.9987	0.1245	0.9622
45.0	0.8997	--	0.9979	0.2976	0.7687	0.9983	0.2168	0.9327
45.1	0.8957	--	0.9977	0.5579	0.8699	0.9981	0.4652	0.8606
45.2	0.9026	--	0.9974	0.6876	0.8694	0.9979	0.6010	0.9359
45.3	0.9134	--	0.9976	0.7565	0.8416	0.9977	0.6823	0.9683
45.4	0.9084	--	0.9980	0.7914	0.7547	0.9980	0.7277	0.9699
45.5	0.9358	--	0.9982	0.7530	0.6865	0.9977	0.7006	0.9579
45.6	0.9270	--	0.9983	0.4280	0.7339	0.9982	0.3216	0.9616
45.7	0.9185	--	0.9981	0.3268	0.7847	0.9982	0.2018	0.9851
45.8	0.8866	--	0.9968	0.2859	0.7464	0.9978	0.1463	0.9800
45.9	0.8935	--	0.9969	0.3254	0.7755	0.9976	0.0988	0.9739
46.0	0.8512	--	0.9957	0.3500	0.8046	0.9972	0.1420	0.9640
46.1	0.7698	--	0.9961	0.1918	0.8066	0.9970	0.0355	0.9626
46.2	0.6850	--	0.9964	0.4470	0.7132	0.9963	0.1986	0.9324
46.3	0.7887	--	0.9978	0.5580	0.7126	0.9973	0.3130	0.9572
46.4	0.8852	--	0.9976	0.4110	0.8316	0.9981	0.2378	0.9796
46.5	0.9195	--	0.9972	0.3341	0.8562	0.9982	0.3151	0.9857
46.6	0.9224	--	0.9962	0.3864	0.8695	0.9982	0.5752	0.9838
46.7	0.9333	--	0.9966	0.2535	0.8974	0.9982	0.5025	0.9858
46.8	0.9439	--	0.9970	0.3873	0.8566	0.9978	0.5689	0.9889
46.9	0.9569	--	0.9975	0.4640	0.7786	0.9982	0.5517	0.9894
47.0	0.9595	--	0.9974	0.6314	0.8641	0.9977	0.5790	0.9889
47.1	0.9540	--	0.9967	0.4954	0.8430	0.9973	0.3346	0.9798
47.2	0.9503	--	0.9964	0.5339	0.8249	0.9977	0.3097	0.9703
47.3	0.9622	--	0.9969	0.6492	0.8754	0.9978	0.3932	0.9780
47.4	0.9685	--	0.9972	0.6850	0.9014	0.9973	0.4319	0.9757
47.5	0.9734	--	0.9974	0.6173	0.9228	0.9981	0.3031	0.9747
47.6	0.9752	--	0.9967	0.4195	0.8846	0.9983	0.0807	0.9760
47.7	0.9647	--	0.9957	0.6348	0.8683	0.9978	0.4090	0.9779
47.8	0.9696	--	0.9963	0.6847	0.8747	0.9967	0.5328	0.9760
47.9	0.9793	--	0.9966	0.7901	0.9137	0.9973	0.6266	0.9691
48.0	0.9786	--	0.9973	0.7985	0.9394	0.9980	0.5336	0.9683
48.1	0.9767	--	0.9974	0.7906	0.9556	0.9981	0.5563	0.9688
48.2	0.9654	--	0.9965	0.7298	0.9077	0.9966	0.5472	0.9417
48.3	0.9575	--	0.9962	0.6271	0.8594	0.9955	0.2932	0.9470
48.4	0.9717	--	0.9954	0.5812	0.7558	0.9964	0.2943	0.9614
48.5	0.9758	--	0.9956	0.6468	0.7551	0.9970	0.3660	0.9619
48.6	0.9771	--	0.9960	0.6487	0.7129	0.9969	0.4054	0.9689
48.7	0.9696	--	0.9943	0.4358	0.7114	0.9967	0.1404	0.9509
48.8	0.9756	--	0.9958	0.7453	0.8777	0.9979	0.4590	0.9662
48.9	0.9784	--	0.9968	0.7926	0.9162	0.9975	0.5894	0.9772
49.0	0.9720	--	0.9962	0.8075	0.9348	0.9966	0.6832	0.9693
49.1	0.9693	--	0.9971	0.7332	0.9248	0.9965	0.6668	0.9695
49.2	0.9698	--	0.9978	0.6009	0.9169	0.9972	0.5442	0.9676
49.3	0.9614	--	0.9968	0.6180	0.9098	0.9967	0.3727	0.9671
49.4	0.9729	--	0.9969	0.8046	0.9122	0.9972	0.6635	0.9676
49.5	0.9755	--	0.9970	0.8491	0.9088	0.9967	0.7459	0.9647
49.6	0.9648	--	0.9968	0.8359	0.9154	0.9970	0.7914	0.9740
49.7	0.9400	--	0.9962	0.5601	0.8888	0.9961	0.6172	0.9674
49.8	0.9483	--	0.9967	0.3612	0.9166	0.9969	0.5410	0.9775
49.9	0.9526	--	0.9966	0.5169	0.9229	0.9962	0.4205	0.9623
50.0	0.9675	--	0.9962	0.6209	0.9398	0.9964	0.5805	0.9658
50.1	0.9745	--	0.9970	0.5420	0.9376	0.9969	0.5632	0.9792
50.2	0.9738	--	0.9980	0.6258	0.9462	0.9962	0.4920	0.9732
50.3	0.9741	--	0.9977	0.6590	0.9581	0.9963	0.5858	0.9715
50.4	0.9611	--	0.9971	0.6566	0.9388	0.9951	0.5974	0.9619
50.5	0.9663	--	0.9973	0.6554	0.9498	0.9955	0.7113	0.9728
50.6	0.9766	--	0.9973	0.7140	0.9530	0.9965	0.8052	0.9824
50.7	0.9723	--	0.9975	0.6286	0.9517	0.9963	0.7439	0.9789
50.8	0.9543	--	0.9951	0.4933	0.9048	0.9919	0.6869	0.9671
50.9	0.9615	--	0.9965	0.4708	0.9218	0.9926	0.6733	0.9685

51.0	0.9589	--	0.9966	0.4795	0.9321	0.9932	0.7184	0.9734
51.1	0.9644	--	0.9968	0.4146	0.9217	0.9951	0.7712	0.9767
51.2	0.9588	--	0.9963	0.1500	0.9449	0.9943	0.7162	0.9816
51.3	0.9711	--	0.9963	0.3663	0.9476	0.9944	0.6976	0.9774
51.4	0.9511	--	0.9962	0.3751	0.9318	0.9953	0.7051	0.9684
51.5	0.9609	--	0.9972	0.3614	0.9225	0.9954	0.7456	0.9725
51.6	0.9600	--	0.9970	0.1528	0.9238	0.9941	0.6422	0.9715
51.7	0.9535	--	0.9956	0.1446	0.9236	0.9898	0.5857	0.9660
51.8	0.9597	--	0.9947	0.1978	0.9196	0.9920	0.6049	0.9710
51.9	0.9560	--	0.9924	0.0184	0.9258	0.9944	0.4800	0.9723
52.0	0.9605	--	0.9944	0.1572	0.9376	0.9951	0.4839	0.9775
52.1	0.9672	--	0.9946	0.2794	0.9328	0.9914	0.5230	0.9693
52.2	0.9550	--	0.9935	0.1847	0.9199	0.9884	0.5356	0.9685
52.3	0.9701	--	0.9956	0.0310	0.9363	0.9919	0.4906	0.9688
52.4	0.9783	--	0.9963	0.1103	0.9308	0.9906	0.4138	0.9556
52.5	0.9727	--	0.9958	0.3573	0.9521	0.9914	0.6238	0.9720
52.6	0.9762	--	0.9966	0.4383	0.9574	0.9912	0.7205	0.9783
52.7	0.9815	--	0.9969	0.4548	0.9619	0.9901	0.6761	0.9728
52.8	0.9832	--	0.9965	0.7145	0.9592	0.9920	0.8268	0.9736
52.9	0.9799	--	0.9967	0.8043	0.9359	0.9935	0.8953	0.9799
53.0	0.9789	--	0.9939	0.7485	0.8843	0.9894	0.8615	0.9753
53.1	0.9805	--	0.9946	0.7196	0.8530	0.9887	0.8527	0.9753
53.2	0.9800	--	0.9963	0.8248	0.9100	0.9917	0.9164	0.9897
53.3	0.9858	--	0.9957	0.8832	0.9050	0.9922	0.9414	0.9908
53.4	0.9814	--	0.9928	0.8121	0.8779	0.9877	0.9050	0.9842
53.5	0.9843	--	0.9923	0.7182	0.8724	0.9893	0.8595	0.9781
53.6	0.9782	--	0.9922	0.7784	0.8741	0.9907	0.8749	0.9794
53.7	0.9833	--	0.9938	0.8448	0.9221	0.9877	0.9143	0.9895
53.8	0.9850	--	0.9911	0.8709	0.8728	0.9891	0.9260	0.9848
53.9	0.9738	--	0.9912	0.8610	0.8941	0.9840	0.9183	0.9873
54.0	0.9378	--	0.9892	0.8228	0.9266	0.9813	0.8959	0.9865
54.1	0.9737	--	0.9849	0.7954	0.9470	0.9839	0.8623	0.9854
54.2	0.9778	--	0.9828	0.6984	0.9214	0.9836	0.8001	0.9738
54.3	0.9711	--	0.9844	0.8046	0.9507	0.9887	0.8691	0.9764
54.4	0.9786	--	0.9889	0.8813	0.9652	0.9896	0.9138	0.9905
54.5	0.9627	--	0.9801	0.8375	0.9628	0.9887	0.8698	0.9836
54.6	0.9654	--	0.9770	0.8212	0.9651	0.9854	0.8464	0.9847
54.7	0.9741	--	0.9822	0.7775	0.9627	0.9876	0.8153	0.9892
54.8	0.9569	--	0.9772	0.7566	0.9506	0.9908	0.8199	0.9835
54.9	0.9592	--	0.9801	0.8402	0.9603	0.9895	0.8670	0.9833
55.0	0.9520	--	0.9793	0.7479	0.9522	0.9805	0.7755	0.9864
55.1	0.9336	--	0.9795	0.6401	0.9645	0.9824	0.6303	0.9876
55.2	0.8959	--	0.9807	0.6097	0.9769	0.9852	0.6078	0.9836
55.3	0.8545	--	0.9813	0.5184	0.9681	0.9830	0.5740	0.9821
55.4	0.8471	--	0.9851	0.4688	0.9644	0.9829	0.5668	0.9851
55.5	0.7456	--	0.9766	0.2190	0.9524	0.9773	0.4758	0.9777
55.6	0.7952	--	0.9839	0.4678	0.9678	0.9875	0.6675	0.9815
55.7	0.7370	--	0.9781	0.5243	0.9649	0.9800	0.6559	0.9776
55.8	0.6378	--	0.9776	0.4821	0.9612	0.9796	0.6561	0.9820
55.9	0.5313	--	0.9827	0.4849	0.9633	0.9785	0.6898	0.9874
56.0	0.3380	--	0.9820	0.3359	0.9586	0.9766	0.6326	0.9845
56.1	0.4425	--	0.9784	0.4332	0.9437	0.9713	0.6945	0.9768
56.2	0.2118	--	0.9790	0.5353	0.9494	0.9708	0.7057	0.9694
56.3	0.0666	--	0.9713	0.5893	0.9535	0.9732	0.7090	0.9750
56.4	0.0342	--	0.9785	0.6409	0.9600	0.9788	0.7450	0.9815
56.5	0.0630	--	0.9719	0.5895	0.9471	0.9712	0.6963	0.9755
56.6	0.2797	--	0.9739	0.5360	0.9379	0.9682	0.6730	0.9744
56.7	0.3442	--	0.9753	0.4940	0.9326	0.9635	0.6243	0.9719
56.8	0.3295	--	0.9777	0.5751	0.9558	0.9718	0.6673	0.9806
56.9	0.3006	--	0.9762	0.5882	0.9654	0.9705	0.6821	0.9785
57.0	0.3932	--	0.9732	0.4950	0.9437	0.9492	0.5922	0.9738
57.1	0.4826	--	0.9744	0.3940	0.9408	0.9398	0.5955	0.9714
57.2	0.4992	--	0.9661	0.4427	0.9278	0.9493	0.6171	0.9683
57.3	0.4377	--	0.9601	0.5694	0.9279	0.9607	0.6579	0.9691
57.4	0.3842	--	0.9395	0.5023	0.9184	0.9429	0.5730	0.9698
57.5	0.4118	--	0.9397	0.3234	0.8986	0.9139	0.4546	0.9591
57.6	0.3630	--	0.9384	0.3024	0.9028	0.9194	0.4536	0.9592
57.7	0.4923	--	0.9339	0.4603	0.9164	0.9344	0.5630	0.9616
57.8	0.4446	--	0.9317	0.5397	0.9235	0.9313	0.6215	0.9600
57.9	0.5474	--	0.9368	0.5744	0.9512	0.9420	0.6416	0.9693
58.0	0.5732	--	0.9528	0.6138	0.9435	0.9385	0.6770	0.9732
58.1	0.5688	--	0.9478	0.4913	0.9216	0.9329	0.5637	0.9613
58.2	0.5468	--	0.9098	0.4193	0.9187	0.9218	0.5116	0.9615
58.3	0.5840	--	0.9036	0.4285	0.9231	0.9032	0.5014	0.9595
58.4	0.6286	--	0.8829	0.4092	0.9126	0.8905	0.4257	0.9515
58.5	0.6062	--	0.9131	0.3417	0.9131	0.8822	0.3995	0.9537
58.6	0.2297	--	0.8631	0.1759	0.8394	0.6791	0.2213	0.9017
58.7	0.2099	--	0.8726	0.2106	0.8497	0.7019	0.2778	0.9155
58.8	0.6047	--	0.8706	0.2634	0.8841	0.8779	0.3586	0.9549
58.9	0.6986	--	0.8699	0.2847	0.8781	0.8283	0.4493	0.9486
59.0	0.6692	--	0.9061	0.3863	0.9156	0.8598	0.5416	0.9557
59.1	0.7175	--	0.8968	0.4128	0.9132	0.8734	0.5426	0.9472
59.2	0.7786	--	0.8997	0.4074	0.9075	0.8788	0.5437	0.9545
59.3	0.8013	--	0.8657	0.4174	0.8946	0.8814	0.5526	0.9646
59.4	0.8267	--	0.8766	0.3968	0.8658	0.8761	0.5184	0.9591
59.5	0.8489	--	0.8955	0.3217	0.8649	0.8676	0.4914	0.9608

59.6	0.8028	--	0.8593	0.3829	0.8740	0.8428	0.5054	0.9409
59.7	0.7911	--	0.8705	0.4403	0.8832	0.8353	0.5658	0.9467
59.8	0.8066	--	0.8875	0.4404	0.8852	0.8462	0.5447	0.9496
59.9	0.8053	--	0.7534	0.5137	0.8457	0.8571	0.6064	0.9388
60.0	0.7882	--	0.5027	0.4495	0.8301	0.8628	0.5284	0.9253
60.1	0.7708	--	0.6770	0.3781	0.8443	0.8586	0.3948	0.9235
60.2	0.7509	--	0.7833	0.3750	0.8221	0.7879	0.4024	0.9076
60.3	0.8553	--	0.8576	0.4914	0.8708	0.7951	0.5730	0.9372
60.4	0.8822	--	0.8389	0.3906	0.8681	0.7833	0.4537	0.9242
60.5	0.8590	--	0.8343	0.3632	0.8241	0.7834	0.3804	0.9001
60.6	0.8398	--	0.8202	0.4264	0.8019	0.8105	0.4578	0.8996
60.7	0.8472	--	0.8439	0.5311	0.8432	0.8476	0.5628	0.9234
60.8	0.8230	--	0.8254	0.5998	0.8641	0.8526	0.5884	0.9192
60.9	0.7996	--	0.8008	0.5743	0.8835	0.8304	0.5531	0.9218
61.0	0.7153	--	0.8014	0.4707	0.8561	0.8259	0.4752	0.9228
61.1	0.5781	--	0.7687	0.4074	0.8548	0.7957	0.4217	0.9077
61.2	0.2972	--	0.7051	0.3294	0.8107	0.7748	0.3464	0.9028
61.3	0.3720	--	0.7448	0.4425	0.8499	0.8462	0.4352	0.9315
61.4	0.2109	--	0.7310	0.4331	0.8398	0.8365	0.4444	0.9359
61.5	0.1150	--	0.7104	0.4127	0.8279	0.8216	0.4527	0.9252
61.6	0.2002	--	0.6773	0.3872	0.8269	0.7918	0.3952	0.8951
61.7	0.2045	--	0.6339	0.4561	0.8580	0.7982	0.4558	0.9155
61.8	0.0948	--	0.6505	0.3506	0.8499	0.7695	0.3667	0.9089
61.9	0.0610	--	0.5254	0.3062	0.8334	0.7106	0.2999	0.8935
62.0	0.0316	--	0.6003	0.2059	0.8497	0.7202	0.1872	0.8781
62.1	0.1102	--	0.5466	0.1975	0.8135	0.7576	0.1476	0.8837
62.2	0.0897	--	0.5570	0.2328	0.8028	0.7222	0.1993	0.8867
62.3	0.0722	--	0.5773	0.2608	0.8821	0.7954	0.1926	0.9141
62.4	0.0152	--	0.5588	0.0832	0.8513	0.6040	0.0895	0.8857
62.5	0.0169	--	0.5018	0.0982	0.7726	0.5069	0.1334	0.8423
62.6	0.1062	--	0.4331	0.1751	0.8047	0.6018	0.1501	0.8529
62.7	0.0847	--	0.4261	0.2173	0.8252	0.6508	0.1770	0.8584
62.8	0.0335	--	0.4239	0.3309	0.8741	0.6722	0.3215	0.8910
62.9	0.1060	--	0.4476	0.1276	0.8712	0.6678	0.0976	0.8992
63.0	0.0862	--	0.3309	0.1078	0.8161	0.5910	0.0773	0.8603
63.1	0.1010	--	0.3265	0.2071	0.8257	0.6342	0.1713	0.8875
63.2	0.0825	--	0.3196	0.1884	0.8315	0.6334	0.1774	0.8804
63.3	0.0939	--	0.2808	0.1683	0.7899	0.5623	0.1575	0.8448
63.4	0.1084	--	0.1589	0.0490	0.7445	0.3521	0.0315	0.8126
63.5	0.1992	--	0.0982	0.0515	0.8132	0.4732	0.0177	0.8590
63.6	0.1144	--	0.1746	0.1305	0.7956	0.5831	0.1009	0.8450
63.7	0.0744	--	0.1685	0.0770	0.8176	0.4642	0.0722	0.8334
63.8	0.1358	--	0.2207	0.0674	0.8321	0.4256	0.0384	0.8445
63.9	0.1749	--	0.1723	0.1153	0.7252	0.4755	0.0689	0.8102
64.0	0.1114	--	0.1863	0.2050	0.7251	0.5990	0.1623	0.8304
64.1	0.0931	--	0.1604	0.1094	0.7367	0.4278	0.0836	0.8093
64.2	0.0665	--	0.2492	0.0671	0.7220	0.4012	0.0511	0.8067
64.3	0.0540	--	0.2540	0.1057	0.7324	0.4432	0.0776	0.8454
64.4	0.0474	--	0.1675	0.0729	0.6615	0.3017	0.0553	0.7722
64.5	0.0977	--	0.1207	0.0713	0.7127	0.3604	0.0448	0.8316
64.6	0.0231	--	0.1726	0.1126	0.6770	0.3613	0.0868	0.8202
64.7	0.0217	--	0.2472	0.0983	0.6667	0.3113	0.0857	0.7885
64.8	0.1204	--	0.2041	0.0479	0.7371	0.2887	0.0352	0.8257
64.9	0.0921	--	0.1533	0.0679	0.6729	0.2252	0.0551	0.7618
65.0	0.0499	--	0.1799	0.1182	0.6102	0.2155	0.1027	0.7241
65.1	0.0798	--	0.1134	0.1188	0.6771	0.2602	0.0829	0.7655
65.2	0.1715	--	0.1679	0.0879	0.8297	0.3643	0.0447	0.8233
65.3	0.0947	--	0.1343	0.1204	0.7024	0.3218	0.0835	0.7518
65.4	0.0226	--	0.2143	0.0836	0.7001	0.1785	0.0736	0.7821
65.5	0.1034	--	0.2606	0.0436	0.7441	0.1708	0.0207	0.8007
65.6	0.1524	--	0.1707	0.0679	0.7205	0.2611	0.0330	0.8056
65.7	0.0916	--	0.2765	0.0091	0.6351	0.1249	0.0090	0.7624
65.8	0.0552	--	0.3297	0.0537	0.7036	0.1896	0.0459	0.7994
65.9	0.0730	--	0.3787	0.0305	0.7538	0.1478	0.0276	0.8385
66.0	0.1238	--	0.3008	0.0421	0.7037	0.1167	0.0207	0.7818
66.1	0.0671	--	0.2786	0.0172	0.7287	0.0248	0.0307	0.6752
66.2	0.1419	--	0.2717	0.0067	0.7276	0.0410	0.0012	0.7616
66.3	0.0871	--	0.2799	0.0460	0.6797	0.0984	0.0288	0.7286
66.4	0.0772	--	0.2142	0.0397	0.4770	0.0740	0.0233	0.6091
66.5	0.1443	--	0.3533	0.0043	0.6681	0.0400	0.0128	0.5931
66.6	0.1878	--	0.4578	0.0062	0.7971	0.0348	0.0048	0.7519
66.7	0.1739	--	0.4510	0.0493	0.7934	0.0661	0.0259	0.8067
66.8	0.2018	--	0.4177	0.0738	0.6667	0.0679	0.0459	0.7169
66.9	0.2187	--	0.5261	0.0033	0.6667	0.0475	0.0146	0.7512
67.0	0.1639	--	0.6061	0.0386	0.6302	0.0373	0.0756	0.7401
67.1	0.2324	--	0.5108	0.0150	0.6746	0.0638	0.0386	0.7242
67.2	0.2663	--	0.4739	0.0769	0.6452	0.0451	0.0619	0.6842
67.3	0.3525	--	0.4322	0.0804	0.6973	0.0315	0.0476	0.7202
67.4	0.2876	--	0.4751	0.0187	0.6350	0.0116	0.0234	0.6351
67.5	0.2290	--	0.4115	0.0198	0.6161	0.0187	0.0154	0.6912
67.6	0.4267	--	0.4188	0.1109	0.6252	0.0366	0.0607	0.6778
67.7	0.5449	--	0.5959	0.0910	0.6426	0.0003	0.0465	0.7512
67.8	0.3990	--	0.5861	0.0301	0.5724	0.0978	0.0179	0.7127
67.9	0.3557	--	0.5361	0.0362	0.5770	0.0516	0.0214	0.6958
68.0	0.4037	--	0.5480	0.0656	0.6073	0.0696	0.0596	0.7140
68.1	0.4769	--	0.6105	0.0955	0.5984	0.0844	0.0884	0.7557

68.2	0.6533	--	0.7407	0.0831	0.6130	0.0735	0.0606	0.7654
68.3	0.5665	--	0.6882	0.0516	0.5506	0.0659	0.0372	0.7443
68.4	0.4681	--	0.6215	0.0637	0.5260	0.1306	0.0640	0.7251
68.5	0.5233	--	0.6593	0.0654	0.6211	0.1928	0.0716	0.7515
68.6	0.5732	--	0.6592	0.0648	0.6143	0.1455	0.0525	0.7707
68.7	0.6243	--	0.6467	0.1154	0.5213	0.1507	0.1069	0.8130
68.8	0.6446	--	0.5904	0.1207	0.4255	0.1481	0.1007	0.7840
68.9	0.6460	--	0.5665	0.0570	0.4826	0.1506	0.0524	0.7745
69.0	0.6143	--	0.6064	0.1072	0.4618	0.1872	0.1281	0.7813
69.1	0.6446	--	0.6034	0.0620	0.5413	0.2030	0.0684	0.7828
69.2	0.7010	--	0.5458	0.0293	0.5403	0.1449	0.0371	0.6942
69.3	0.7086	--	0.5795	0.1087	0.5387	0.1945	0.1078	0.6900
69.4	0.7175	--	0.5955	0.1226	0.5152	0.3109	0.1322	0.8034
69.5	0.7238	--	0.5964	0.1052	0.4438	0.2858	0.1409	0.7460
69.6	0.7825	--	0.6137	0.0251	0.6207	0.2272	0.0446	0.8009
69.7	0.8289	--	0.6079	0.0349	0.6417	0.1567	0.0533	0.7672
69.8	0.8017	--	0.6435	0.1293	0.6845	0.2533	0.1219	0.7615
69.9	0.7246	--	0.6527	0.1508	0.6480	0.2726	0.1164	0.8287
70.0	0.7201	--	0.6852	0.0948	0.6667	0.2442	0.0592	0.8270
70.1	0.7458	--	0.7333	0.1663	0.6984	0.3386	0.1501	0.8286
70.2	0.6828	--	0.6937	0.2534	0.6224	0.2330	0.2348	0.7793
70.3	0.7030	--	0.5835	0.1168	0.5124	0.3789	0.1187	0.7197
70.4	0.7537	--	0.6417	0.2807	0.6276	0.3825	0.2799	0.7905
70.5	0.7842	--	0.7316	0.2432	0.7473	0.3665	0.2411	0.8486
70.6	0.7768	--	0.7459	0.2441	0.7274	0.3704	0.2154	0.8392
70.7	0.7843	--	0.6662	0.1389	0.7071	0.3631	0.1096	0.8386
70.8	0.7804	--	0.7086	0.1729	0.7429	0.3694	0.1667	0.8255
70.9	0.8458	--	0.7764	0.2305	0.7817	0.4840	0.2064	0.8916
71.0	0.8093	--	0.7361	0.1570	0.7626	0.4813	0.1375	0.9011
71.1	0.7459	--	0.7254	0.2209	0.7679	0.4589	0.2177	0.8518
71.2	0.8124	--	0.8390	0.4274	0.8533	0.6154	0.4140	0.8617
71.3	0.8176	--	0.8633	0.3557	0.8340	0.5737	0.3322	0.8568
71.4	0.7961	--	0.8626	0.2290	0.8256	0.5485	0.1932	0.8559
71.5	0.8330	--	0.8843	0.3132	0.8811	0.6683	0.3115	0.8904
71.6	0.8119	--	0.8586	0.4507	0.8510	0.6192	0.4407	0.8522
71.7	0.8835	--	0.8930	0.4807	0.8659	0.7264	0.4502	0.8266
71.8	0.9027	--	0.8968	0.4950	0.9162	0.7859	0.4679	0.8615
71.9	0.8905	--	0.8827	0.5440	0.9088	0.7495	0.5269	0.8429
72.0	0.8874	--	0.8873	0.5586	0.8953	0.6837	0.5444	0.7858
72.1	0.8939	--	0.8934	0.5787	0.9098	0.7224	0.5556	0.8043
72.2	0.8835	--	0.9036	0.6274	0.9238	0.7341	0.6137	0.7953
72.3	0.8722	--	0.8774	0.6325	0.9104	0.7571	0.6086	0.7185
72.4	0.8876	--	0.8807	0.7181	0.9177	0.7805	0.6951	0.7265
72.5	0.8691	--	0.8708	0.6437	0.8876	0.7017	0.6184	0.6780
72.6	0.8660	--	0.8663	0.7082	0.8876	0.7554	0.6792	0.5998
72.7	0.8765	--	0.8903	0.7475	0.9061	0.8012	0.7179	0.6758
72.8	0.9182	--	0.9248	0.8168	0.9370	0.8538	0.7944	0.7134
72.9	0.9217	--	0.9376	0.8317	0.9418	0.8589	0.8072	0.6431
73.0	0.9153	--	0.9187	0.8007	0.9273	0.8558	0.7770	0.5764
73.1	0.9179	--	0.9320	0.8058	0.9374	0.8552	0.7818	0.5510
73.2	0.9403	--	0.9374	0.8397	0.9410	0.8601	0.8189	0.5814
73.3	0.9373	--	0.9305	0.8210	0.9494	0.8332	0.8000	0.5201
73.4	0.9065	--	0.9334	0.8291	0.9299	0.8022	0.8043	0.3829
73.5	0.9099	--	0.9336	0.8561	0.9436	0.7988	0.8346	0.4360
73.6	0.9292	--	0.9286	0.8659	0.9488	0.8222	0.8503	0.4260
73.7	0.9249	--	0.9171	0.8681	0.9470	0.8405	0.8482	0.3872
73.8	0.9288	--	0.9332	0.8859	0.9573	0.8571	0.8660	0.4419
73.9	0.9484	--	0.9370	0.9079	0.9634	0.8693	0.8895	0.5802
74.0	0.9375	--	0.9359	0.9090	0.9536	0.8838	0.8941	0.4566
74.1	0.9415	--	0.9370	0.9164	0.9521	0.8733	0.8995	0.5245
74.2	0.9345	--	0.9488	0.9158	0.9644	0.8716	0.8996	0.7250
74.3	0.9419	--	0.9581	0.9092	0.9653	0.8486	0.8921	0.7009
74.4	0.9503	--	0.9632	0.9338	0.9683	0.8647	0.9198	0.7484
74.5	0.9365	--	0.9499	0.9257	0.9676	0.8557	0.9087	0.6978
74.6	0.9273	--	0.9346	0.9180	0.9558	0.8232	0.8998	0.6254
74.7	0.9491	--	0.9402	0.9171	0.9546	0.8697	0.9015	0.6258
74.8	0.9375	--	0.9350	0.9055	0.9597	0.8644	0.8875	0.6171
74.9	0.9307	--	0.9418	0.9176	0.9531	0.8528	0.9006	0.7313
75.0	0.9306	--	0.9508	0.9240	0.9555	0.8699	0.9095	0.7893
75.1	0.9243	--	0.9358	0.9151	0.9444	0.8606	0.9018	0.7398
75.2	0.9279	--	0.9453	0.9208	0.9641	0.8446	0.9077	0.7601
75.3	0.9435	--	0.9616	0.9316	0.9719	0.8801	0.9182	0.8740
75.4	0.9510	--	0.9625	0.9372	0.9646	0.8929	0.9231	0.8663
75.5	0.9491	--	0.9627	0.9296	0.9683	0.8774	0.9121	0.8633
75.6	0.9379	--	0.9512	0.9254	0.9593	0.8603	0.9067	0.8773
75.7	0.9467	--	0.9590	0.9423	0.9690	0.8934	0.9269	0.9112
75.8	0.9524	--	0.9636	0.9529	0.9736	0.8996	0.9421	0.9200
75.9	0.9396	--	0.9512	0.9276	0.9608	0.8580	0.9102	0.9122
76.0	0.9381	--	0.9423	0.9182	0.9484	0.8591	0.8981	0.8840
76.1	0.9535	--	0.9559	0.9451	0.9581	0.8898	0.9288	0.8975
76.2	0.9472	--	0.9595	0.9581	0.9643	0.9140	0.9474	0.9261
76.3	0.9407	--	0.9523	0.9435	0.9637	0.8727	0.9294	0.9252
76.4	0.9634	--	0.9671	0.9522	0.9654	0.8634	0.9388	0.9141
76.5	0.9527	--	0.9620	0.9511	0.9653	0.8765	0.9395	0.9374
76.6	0.9368	--	0.9597	0.9454	0.9698	0.8713	0.9316	0.9452
76.7	0.9459	--	0.9638	0.9547	0.9726	0.9138	0.9442	0.9559

76.8	0.9605	--	0.9712	0.9590	0.9750	0.9152	0.9490	0.9554
76.9	0.9645	--	0.9754	0.9637	0.9815	0.9113	0.9543	0.9635
77.0	0.9688	--	0.9648	0.9569	0.9693	0.8978	0.9464	0.9416
77.1	0.9650	--	0.9702	0.9609	0.9733	0.9091	0.9526	0.9503
77.2	0.9491	--	0.9634	0.9480	0.9651	0.8787	0.9360	0.9450
77.3	0.9357	--	0.9526	0.9364	0.9532	0.8331	0.9186	0.9225
77.4	0.9518	--	0.9617	0.9430	0.9571	0.8229	0.9242	0.9290
77.5	0.9617	--	0.9690	0.9620	0.9638	0.8704	0.9496	0.9362
77.6	0.9655	--	0.9677	0.9582	0.9660	0.8850	0.9480	0.9405
77.7	0.9685	--	0.9745	0.9654	0.9730	0.9149	0.9565	0.9561
77.8	0.9572	--	0.9712	0.9606	0.9729	0.9052	0.9498	0.9511
77.9	0.9657	--	0.9776	0.9625	0.9765	0.8941	0.9490	0.9577
78.0	0.9731	--	0.9781	0.9663	0.9719	0.8996	0.9556	0.9500
78.1	0.9754	--	0.9784	0.9692	0.9761	0.9136	0.9600	0.9578
78.2	0.9642	--	0.9714	0.9665	0.9703	0.9057	0.9569	0.9496
78.3	0.9599	--	0.9634	0.9502	0.9627	0.8624	0.9351	0.9293
78.4	0.9579	--	0.9655	0.9487	0.9605	0.8531	0.9335	0.9338
78.5	0.9660	--	0.9727	0.9582	0.9673	0.8737	0.9444	0.9472
78.6	0.9665	--	0.9671	0.9534	0.9599	0.8560	0.9396	0.9353
78.7	0.9726	--	0.9733	0.9670	0.9649	0.8572	0.9548	0.9380
78.8	0.9615	--	0.9661	0.9592	0.9605	0.8531	0.9467	0.9223
78.9	0.9626	--	0.9550	0.9433	0.9407	0.8444	0.9344	0.8924
79.0	0.9450	--	0.9395	0.9412	0.9215	0.8389	0.9329	0.8662
79.1	0.9236	--	0.9392	0.9371	0.9245	0.8107	0.9219	0.8862
79.2	0.9174	--	0.9550	0.9372	0.9492	0.7838	0.9121	0.9219
79.3	0.9454	--	0.9780	0.9654	0.9763	0.8506	0.9508	0.9603
79.4	0.9587	--	0.9762	0.9709	0.9649	0.8096	0.9592	0.9497
79.5	0.9436	--	0.9702	0.9561	0.9515	0.6467	0.9382	0.9378
79.6	0.9385	--	0.9672	0.9463	0.9546	0.6509	0.9291	0.9462
79.7	0.9496	--	0.9683	0.9526	0.9461	0.6200	0.9374	0.9323
79.8	0.9564	--	0.9716	0.9569	0.9403	0.5592	0.9418	0.9187
79.9	0.9601	--	0.9789	0.9640	0.9495	0.6472	0.9502	0.9212
80.0	0.9545	--	0.9777	0.9641	0.9455	0.6921	0.9529	0.9265

2.2.111 Run 11 – IP000NVP – Accels 17–24

In-plane shaking at 0° with no vertical shake plate. Accelerometers 17–24.

f (Hz)	acc17	acc18	acc19	acc20	acc21	acc22	acc23	acc24
0.0	0.0671	0.0458	--	0.8139	0.4494	0.2587	0.1580	0.3202
0.1	0.0286	0.0266	--	0.5814	0.1475	0.0671	0.0487	0.1506
0.2	0.0017	0.0057	--	0.0275	0.0093	0.0074	0.0164	0.0267
0.3	0.0098	0.0180	--	0.0000	0.0342	0.0374	0.0188	0.0125
0.4	0.0567	0.0124	--	0.0270	0.0460	0.0015	0.0117	0.0040
0.5	0.0228	0.0080	--	0.0013	0.0378	0.0051	0.0033	0.0025
0.6	0.0130	0.0035	--	0.0366	0.0031	0.0048	0.0283	0.0179
0.7	0.0178	0.0289	--	0.0292	0.0754	0.0184	0.0199	0.0107
0.8	0.0011	0.0322	--	0.0301	0.2126	0.0001	0.0537	0.0516
0.9	0.0631	0.0554	--	0.1027	0.2238	0.0173	0.1141	0.0900
1.0	0.3686	0.0900	--	0.3569	0.3523	0.0060	0.1608	0.0294
1.1	0.7120	0.3119	--	0.8102	0.5401	0.0976	0.3253	0.1223
1.2	0.8823	0.5110	--	0.9288	0.4358	0.2732	0.7416	0.4249
1.3	0.8536	0.2474	--	0.9059	0.2218	0.3911	0.8179	0.2581
1.4	0.8042	0.4951	--	0.8709	0.5092	0.6005	0.9262	0.4849
1.5	0.6350	0.2706	--	0.7122	0.2444	0.7612	0.8975	0.2258
1.6	0.9508	0.3600	--	0.9608	0.4765	0.9213	0.9299	0.5121
1.7	0.9839	0.3391	--	0.9816	0.7577	0.9511	0.9673	0.8057
1.8	0.9815	0.7294	--	0.9810	0.8999	0.9793	0.9764	0.9297
1.9	0.9586	0.7467	--	0.9571	0.8622	0.9672	0.9540	0.8684
2.0	0.9681	0.7723	--	0.9666	0.8260	0.9763	0.9644	0.7682
2.1	0.9258	0.5666	--	0.9204	0.7487	0.9482	0.9124	0.5971
2.2	0.7830	0.5871	--	0.7805	0.7489	0.8282	0.7762	0.6992
2.3	0.2250	0.2711	--	0.2254	0.4256	0.2554	0.2252	0.2892
2.4	0.7637	0.2587	--	0.7633	0.9089	0.7202	0.7633	0.5834
2.5	0.9470	0.4090	--	0.9473	0.9794	0.8924	0.9474	0.8465
2.6	0.9737	0.4172	--	0.9739	0.9873	0.9085	0.9739	0.8940
2.7	0.9803	0.6594	--	0.9804	0.9888	0.9023	0.9807	0.8906
2.8	0.9933	0.8141	--	0.9935	0.9947	0.8853	0.9935	0.9330
2.9	0.9957	0.8476	--	0.9956	0.9963	0.7953	0.9955	0.9224
3.0	0.9977	0.9145	--	0.9977	0.9964	0.6142	0.9977	0.9324
3.1	0.9978	0.9158	--	0.9977	0.9960	0.6292	0.9976	0.9082
3.2	0.9987	0.8966	--	0.9987	0.9967	0.9024	0.9986	0.8421
3.3	0.9988	0.8850	--	0.9987	0.9956	0.9446	0.9987	0.7700
3.4	0.9992	0.9203	--	0.9991	0.9967	0.9786	0.9991	0.7488
3.5	0.9995	0.9487	--	0.9994	0.9979	0.9825	0.9994	0.7294
3.6	0.9995	0.9599	--	0.9994	0.9973	0.9877	0.9994	0.6485
3.7	0.9995	0.9470	--	0.9993	0.9967	0.9894	0.9993	0.5352
3.8	0.9995	0.9395	--	0.9995	0.9959	0.9898	0.9995	0.4469
3.9	0.9996	0.9309	--	0.9995	0.9960	0.9919	0.9994	0.3249
4.0	0.9996	0.9372	--	0.9995	0.9944	0.9937	0.9995	0.2487
4.1	0.9996	0.9299	--	0.9996	0.9943	0.9951	0.9995	0.2585
4.2	0.9996	0.8999	--	0.9995	0.9931	0.9940	0.9995	0.2636
4.3	0.9994	0.9030	--	0.9993	0.9896	0.9948	0.9992	0.3127
4.4	0.9995	0.8953	--	0.9994	0.9913	0.9962	0.9993	0.1960
4.5	0.9995	0.9069	--	0.9994	0.9916	0.9962	0.9994	0.1227
4.6	0.9993	0.9094	--	0.9991	0.9911	0.9957	0.9990	0.0830
4.7	0.9991	0.8793	--	0.9987	0.9874	0.9942	0.9986	0.0198
4.8	0.9991	0.9015	--	0.9985	0.9896	0.9956	0.9985	0.0111
4.9	0.9992	0.9127	--	0.9986	0.9924	0.9959	0.9988	0.0343
5.0	0.9989	0.8892	--	0.9983	0.9888	0.9974	0.9983	0.0448
5.1	0.9986	0.8632	--	0.9978	0.9810	0.9949	0.9976	0.0901
5.2	0.9984	0.8928	--	0.9978	0.9850	0.9967	0.9974	0.1271
5.3	0.9981	0.8952	--	0.9973	0.9871	0.9969	0.9970	0.0264
5.4	0.9978	0.8906	--	0.9961	0.9830	0.9971	0.9961	0.0337
5.5	0.9965	0.8698	--	0.9945	0.9780	0.9955	0.9946	0.0260
5.6	0.9975	0.9052	--	0.9963	0.9874	0.9979	0.9963	0.0460
5.7	0.9980	0.9107	--	0.9968	0.9876	0.9967	0.9968	0.0645
5.8	0.9969	0.8986	--	0.9951	0.9842	0.9970	0.9951	0.0222
5.9	0.9973	0.9119	--	0.9961	0.9848	0.9984	0.9962	0.1456
6.0	0.9976	0.9373	--	0.9966	0.9849	0.9980	0.9964	0.4056
6.1	0.9981	0.9590	--	0.9974	0.9880	0.9983	0.9972	0.6193
6.2	0.9983	0.9675	--	0.9976	0.9885	0.9977	0.9974	0.6005
6.3	0.9983	0.9718	--	0.9976	0.9896	0.9968	0.9973	0.6064
6.4	0.9983	0.9602	--	0.9974	0.9886	0.9964	0.9969	0.5372
6.5	0.9980	0.9634	--	0.9972	0.9903	0.9984	0.9971	0.4900
6.6	0.9973	0.9616	--	0.9972	0.9839	0.9969	0.9972	0.3370
6.7	0.9978	0.9720	--	0.9980	0.9841	0.9979	0.9980	0.3102
6.8	0.9948	0.9605	--	0.9964	0.9799	0.9967	0.9969	0.2198
6.9	0.9910	0.9667	--	0.9942	0.9785	0.9970	0.9951	0.2897
7.0	0.9770	0.9515	--	0.9867	0.9804	0.9972	0.9892	0.2623
7.1	0.9622	0.9222	--	0.9763	0.9749	0.9959	0.9812	0.3399
7.2	0.9487	0.9114	--	0.9657	0.9529	0.9902	0.9726	0.5024
7.3	0.9546	0.9159	--	0.9682	0.9511	0.9898	0.9757	0.3882
7.4	0.8546	0.8590	--	0.9209	0.9498	0.9972	0.9491	0.1608
7.5	0.8692	0.9036	--	0.9612	0.9608	0.9979	0.9767	0.0309
7.6	0.9407	0.8839	--	0.9858	0.9678	0.9970	0.9907	0.0441
7.7	0.9759	0.8209	--	0.9914	0.9547	0.9957	0.9939	0.0108
7.8	0.9891	0.7877	--	0.9947	0.9484	0.9941	0.9956	0.0635
7.9	0.9920	0.7780	--	0.9945	0.9585	0.9977	0.9957	0.0186

8.0	0.9915	0.7144	--	0.9951	0.9401	0.9963	0.9960	0.0402
8.1	0.9948	0.5810	--	0.9958	0.9292	0.9979	0.9960	0.2187
8.2	0.9955	0.3569	--	0.9958	0.9351	0.9970	0.9961	0.3108
8.3	0.9964	0.3804	--	0.9968	0.9574	0.9973	0.9974	0.2354
8.4	0.9953	0.4258	--	0.9964	0.9525	0.9957	0.9974	0.3055
8.5	0.9954	0.5719	--	0.9964	0.9457	0.9948	0.9971	0.5109
8.6	0.9962	0.6386	--	0.9974	0.9452	0.9932	0.9979	0.5228
8.7	0.9922	0.7299	--	0.9959	0.9497	0.9879	0.9968	0.5764
8.8	0.9917	0.8160	--	0.9961	0.9325	0.9866	0.9966	0.5901
8.9	0.9897	0.8330	--	0.9952	0.8755	0.9836	0.9961	0.5304
9.0	0.9758	0.8225	--	0.9882	0.8682	0.9683	0.9902	0.7106
9.1	0.9797	0.8014	--	0.9901	0.9448	0.9713	0.9917	0.8671
9.2	0.9540	0.8555	--	0.9745	0.9397	0.9413	0.9783	0.8573
9.3	0.9510	0.9009	--	0.9673	0.9391	0.9447	0.9718	0.8681
9.4	0.9617	0.9415	--	0.9671	0.9523	0.9625	0.9694	0.9066
9.5	0.9250	0.9361	--	0.9159	0.9412	0.9357	0.9193	0.8891
9.6	0.9611	0.9710	--	0.9394	0.9710	0.9717	0.9405	0.9393
9.7	0.9666	0.9740	--	0.9276	0.9725	0.9795	0.9293	0.9516
9.8	0.9833	0.9710	--	0.9528	0.9725	0.9910	0.9607	0.9537
9.9	0.9767	0.9681	--	0.9280	0.9654	0.9899	0.9600	0.9444
10.0	0.9871	0.9686	--	0.9633	0.9606	0.9958	0.9827	0.9465
10.1	0.9788	0.9638	--	0.9673	0.9369	0.9940	0.9834	0.9361
10.2	0.9801	0.9705	--	0.9801	0.9273	0.9967	0.9888	0.9292
10.3	0.9822	0.9668	--	0.9829	0.9103	0.9984	0.9911	0.9180
10.4	0.9742	0.9554	--	0.9817	0.8374	0.9988	0.9892	0.8732
10.5	0.9793	0.9570	--	0.9893	0.8341	0.9990	0.9931	0.9008
10.6	0.9619	0.9468	--	0.9878	0.7549	0.9982	0.9923	0.8706
10.7	0.9598	0.9652	--	0.9918	0.6955	0.9984	0.9945	0.8959
10.8	0.9476	0.9591	--	0.9932	0.5469	0.9984	0.9948	0.8870
10.9	0.9324	0.9655	--	0.9948	0.2797	0.9993	0.9961	0.9123
11.0	0.8994	0.9557	--	0.9941	0.0493	0.9991	0.9960	0.8979
11.1	0.8392	0.9534	--	0.9945	0.2949	0.9993	0.9963	0.8935
11.2	0.7902	0.9585	--	0.9944	0.5325	0.9994	0.9960	0.8740
11.3	0.6241	0.9384	--	0.9933	0.6427	0.9994	0.9953	0.8043
11.4	0.5849	0.9442	--	0.9953	0.7663	0.9994	0.9963	0.8221
11.5	0.6625	0.9435	--	0.9955	0.8100	0.9994	0.9965	0.8735
11.6	0.7519	0.9416	--	0.9952	0.8850	0.9994	0.9967	0.8692
11.7	0.8641	0.9500	--	0.9957	0.9115	0.9995	0.9973	0.8300
11.8	0.8578	0.9474	--	0.9945	0.9187	0.9993	0.9964	0.8213
11.9	0.9188	0.9532	--	0.9963	0.9464	0.9995	0.9977	0.8792
12.0	0.9446	0.9579	--	0.9972	0.9417	0.9996	0.9979	0.8920
12.1	0.9478	0.9602	--	0.9969	0.9206	0.9995	0.9979	0.8732
12.2	0.9656	0.9553	--	0.9970	0.9412	0.9997	0.9980	0.8735
12.3	0.9655	0.9577	--	0.9972	0.9591	0.9997	0.9979	0.8500
12.4	0.9679	0.9577	--	0.9974	0.9633	0.9997	0.9981	0.8600
12.5	0.9581	0.9551	--	0.9966	0.9581	0.9997	0.9975	0.8152
12.6	0.9651	0.9443	--	0.9968	0.9618	0.9995	0.9979	0.7787
12.7	0.9688	0.9489	--	0.9974	0.9552	0.9996	0.9982	0.8188
12.8	0.9796	0.9567	--	0.9984	0.9574	0.9996	0.9988	0.8388
12.9	0.9782	0.9601	--	0.9983	0.9474	0.9995	0.9989	0.8097
13.0	0.9576	0.9403	--	0.9973	0.9321	0.9994	0.9984	0.7594
13.1	0.9593	0.8514	--	0.9975	0.9223	0.9990	0.9985	0.7062
13.2	0.9691	0.7986	--	0.9984	0.9185	0.9990	0.9988	0.6708
13.3	0.9718	0.6216	--	0.9974	0.9046	0.9986	0.9985	0.6258
13.4	0.9817	0.7504	--	0.9978	0.9084	0.9991	0.9988	0.6625
13.5	0.9875	0.7824	--	0.9979	0.9119	0.9992	0.9988	0.6730
13.6	0.9859	0.8328	--	0.9971	0.8585	0.9989	0.9981	0.5579
13.7	0.9888	0.8852	--	0.9976	0.8261	0.9990	0.9982	0.5027
13.8	0.9913	0.8878	--	0.9976	0.7802	0.9990	0.9981	0.4455
13.9	0.9863	0.8902	--	0.9962	0.7643	0.9984	0.9969	0.3169
14.0	0.9863	0.9059	--	0.9967	0.7978	0.9986	0.9973	0.1943
14.1	0.9881	0.9350	--	0.9973	0.8309	0.9985	0.9979	0.3324
14.2	0.9854	0.9370	--	0.9969	0.7635	0.9980	0.9975	0.5968
14.3	0.9855	0.9295	--	0.9969	0.6202	0.9980	0.9977	0.7189
14.4	0.9906	0.9452	--	0.9974	0.4656	0.9987	0.9984	0.7880
14.5	0.9905	0.9519	--	0.9978	0.6095	0.9984	0.9986	0.8664
14.6	0.9892	0.9139	--	0.9975	0.7004	0.9977	0.9984	0.8700
14.7	0.9924	0.9303	--	0.9982	0.8429	0.9980	0.9988	0.8610
14.8	0.9940	0.9370	--	0.9986	0.8952	0.9981	0.9991	0.8732
14.9	0.9916	0.9101	--	0.9981	0.8861	0.9977	0.9986	0.8720
15.0	0.9889	0.8700	--	0.9976	0.8763	0.9978	0.9985	0.8174
15.1	0.9920	0.8743	--	0.9984	0.9245	0.9985	0.9992	0.8660
15.2	0.9939	0.8766	--	0.9988	0.9388	0.9989	0.9992	0.8675
15.3	0.9924	0.8138	--	0.9986	0.9353	0.9988	0.9992	0.8294
15.4	0.9887	0.6888	--	0.9980	0.9178	0.9986	0.9990	0.7782
15.5	0.9901	0.6366	--	0.9983	0.9144	0.9984	0.9988	0.7788
15.6	0.9889	0.5455	--	0.9980	0.9177	0.9983	0.9991	0.8159
15.7	0.9908	0.6145	--	0.9984	0.9397	0.9986	0.9992	0.8429
15.8	0.9890	0.4864	--	0.9982	0.9142	0.9984	0.9991	0.7877
15.9	0.9925	0.4414	--	0.9987	0.9413	0.9988	0.9992	0.8288
16.0	0.9913	0.4800	--	0.9985	0.9447	0.9988	0.9993	0.8383
16.1	0.9891	0.4462	--	0.9981	0.9366	0.9984	0.9993	0.8256
16.2	0.9892	0.5045	--	0.9981	0.9367	0.9983	0.9990	0.8576
16.3	0.9858	0.6183	--	0.9977	0.9209	0.9982	0.9990	0.8251
16.4	0.9880	0.7165	--	0.9982	0.9238	0.9972	0.9990	0.8376
16.5	0.9920	0.7963	--	0.9985	0.9435	0.9973	0.9992	0.8842

16.6	0.9909	0.8072	--	0.9985	0.9238	0.9965	0.9992	0.8358
16.7	0.9915	0.8008	--	0.9985	0.9160	0.9967	0.9988	0.8150
16.8	0.9907	0.8314	--	0.9985	0.9226	0.9977	0.9985	0.8196
16.9	0.9898	0.8055	--	0.9977	0.9357	0.9982	0.9979	0.8659
17.0	0.9914	0.6459	--	0.9975	0.9236	0.9978	0.9981	0.8602
17.1	0.9937	0.6569	--	0.9984	0.8952	0.9974	0.9985	0.8249
17.2	0.9929	0.7058	--	0.9982	0.8758	0.9973	0.9979	0.7905
17.3	0.9957	0.5018	--	0.9987	0.9020	0.9983	0.9985	0.7762
17.4	0.9950	0.2391	--	0.9983	0.9160	0.9980	0.9983	0.7932
17.5	0.9930	0.6348	--	0.9978	0.8982	0.9974	0.9977	0.7550
17.6	0.9929	0.7573	--	0.9975	0.8906	0.9972	0.9977	0.7156
17.7	0.9933	0.7065	--	0.9976	0.8759	0.9969	0.9977	0.6960
17.8	0.9929	0.6162	--	0.9976	0.8275	0.9953	0.9976	0.5636
17.9	0.9950	0.7482	--	0.9978	0.8835	0.9963	0.9980	0.6373
18.0	0.9951	0.7883	--	0.9977	0.8873	0.9942	0.9979	0.6190
18.1	0.9949	0.7879	--	0.9975	0.8810	0.9931	0.9981	0.4225
18.2	0.9951	0.8558	--	0.9975	0.8943	0.9928	0.9981	0.4145
18.3	0.9955	0.9063	--	0.9973	0.9043	0.9950	0.9975	0.4569
18.4	0.9956	0.9280	--	0.9973	0.8906	0.9891	0.9975	0.4693
18.5	0.9955	0.9295	--	0.9967	0.8809	0.9604	0.9975	0.3633
18.6	0.9941	0.8844	--	0.9942	0.7592	0.9212	0.9967	0.2880
18.7	0.9943	0.9307	--	0.9951	0.8015	0.9729	0.9966	0.1318
18.8	0.9955	0.9559	--	0.9966	0.8138	0.9875	0.9974	0.0619
18.9	0.9947	0.9572	--	0.9962	0.8347	0.9887	0.9962	0.0654
19.0	0.9957	0.9733	--	0.9971	0.8747	0.9919	0.9966	0.0173
19.1	0.9954	0.9825	--	0.9969	0.8851	0.9937	0.9964	0.0092
19.2	0.9959	0.9856	--	0.9969	0.8862	0.9942	0.9968	0.0332
19.3	0.9955	0.9817	--	0.9965	0.9047	0.9960	0.9966	0.0479
19.4	0.9919	0.9785	--	0.9935	0.8758	0.9951	0.9944	0.0271
19.5	0.9946	0.9877	--	0.9952	0.8991	0.9969	0.9954	0.1878
19.6	0.9933	0.9830	--	0.9940	0.8759	0.9933	0.9940	0.2432
19.7	0.9909	0.9800	--	0.9929	0.8307	0.9924	0.9922	0.1883
19.8	0.9921	0.9807	--	0.9931	0.8452	0.9947	0.9930	0.1715
19.9	0.9913	0.9766	--	0.9917	0.7881	0.9951	0.9934	0.1942
20.0	0.9879	0.9806	--	0.9894	0.7105	0.9952	0.9915	0.3217
20.1	0.9822	0.9805	--	0.9857	0.5690	0.9956	0.9871	0.3876
20.2	0.9734	0.9735	--	0.9780	0.2688	0.9938	0.9802	0.4886
20.3	0.9810	0.9738	--	0.9826	0.1183	0.9927	0.9863	0.5294
20.4	0.9783	0.9739	--	0.9815	0.1173	0.9909	0.9826	0.6666
20.5	0.9760	0.9793	--	0.9808	0.1039	0.9937	0.9809	0.7543
20.6	0.9726	0.9728	--	0.9780	0.1383	0.9895	0.9789	0.7564
20.7	0.9692	0.9652	--	0.9721	0.2216	0.9846	0.9756	0.7563
20.8	0.9712	0.9666	--	0.9760	0.2326	0.9889	0.9786	0.7584
20.9	0.9765	0.9668	--	0.9822	0.0993	0.9879	0.9819	0.8162
21.0	0.9824	0.9628	--	0.9868	0.0026	0.9906	0.9864	0.8224
21.1	0.9864	0.9607	--	0.9890	0.1768	0.9912	0.9886	0.8307
21.2	0.9906	0.9505	--	0.9916	0.4775	0.9924	0.9919	0.8448
21.3	0.9935	0.9547	--	0.9948	0.5718	0.9940	0.9949	0.8339
21.4	0.9935	0.9649	--	0.9959	0.6881	0.9935	0.9951	0.7997
21.5	0.9938	0.9474	--	0.9950	0.7656	0.9945	0.9948	0.8615
21.6	0.9929	0.9273	--	0.9952	0.6686	0.9940	0.9946	0.7651
21.7	0.9949	0.9343	--	0.9959	0.7147	0.9928	0.9955	0.7621
21.8	0.9944	0.9341	--	0.9960	0.7659	0.9918	0.9952	0.6566
21.9	0.9937	0.9249	--	0.9957	0.7452	0.9935	0.9951	0.6205
22.0	0.9950	0.9243	--	0.9969	0.8064	0.9955	0.9965	0.6558
22.1	0.9944	0.9168	--	0.9966	0.7915	0.9957	0.9964	0.5394
22.2	0.9943	0.9305	--	0.9963	0.7213	0.9957	0.9963	0.4775
22.3	0.9966	0.9413	--	0.9974	0.7257	0.9968	0.9976	0.5926
22.4	0.9977	0.9492	--	0.9983	0.7571	0.9974	0.9984	0.6260
22.5	0.9974	0.9357	--	0.9979	0.6794	0.9973	0.9980	0.5623
22.6	0.9978	0.9389	--	0.9982	0.7114	0.9971	0.9982	0.5181
22.7	0.9966	0.9348	--	0.9977	0.6762	0.9973	0.9977	0.5232
22.8	0.9978	0.9456	--	0.9981	0.7346	0.9976	0.9982	0.5072
22.9	0.9972	0.9386	--	0.9977	0.8069	0.9970	0.9980	0.4215
23.0	0.9980	0.9163	--	0.9983	0.7857	0.9962	0.9984	0.4471
23.1	0.9980	0.9322	--	0.9986	0.7851	0.9965	0.9986	0.4864
23.2	0.9970	0.9380	--	0.9975	0.8030	0.9970	0.9977	0.4542
23.3	0.9972	0.9210	--	0.9976	0.7997	0.9976	0.9977	0.3672
23.4	0.9973	0.8685	--	0.9979	0.7511	0.9961	0.9978	0.3794
23.5	0.9963	0.7757	--	0.9969	0.6748	0.9942	0.9971	0.3877
23.6	0.9958	0.7341	--	0.9965	0.6268	0.9921	0.9967	0.3978
23.7	0.9962	0.8015	--	0.9971	0.7408	0.9929	0.9972	0.3776
23.8	0.9946	0.8670	--	0.9958	0.7236	0.9906	0.9957	0.4391
23.9	0.9942	0.8429	--	0.9964	0.7264	0.9879	0.9956	0.4559
24.0	0.9957	0.9272	--	0.9970	0.8767	0.9911	0.9969	0.5145
24.1	0.9962	0.9564	--	0.9971	0.9048	0.9911	0.9972	0.5149
24.2	0.9949	0.9630	--	0.9962	0.9060	0.9879	0.9962	0.5775
24.3	0.9950	0.9517	--	0.9968	0.8740	0.9829	0.9965	0.5097
24.4	0.9940	0.9649	--	0.9953	0.8974	0.9824	0.9954	0.6067
24.5	0.9923	0.9583	--	0.9942	0.8895	0.9768	0.9941	0.6463
24.6	0.9957	0.9744	--	0.9969	0.9414	0.9836	0.9966	0.6547
24.7	0.9939	0.9729	--	0.9951	0.9408	0.9837	0.9951	0.6830
24.8	0.9954	0.9868	--	0.9958	0.9596	0.9907	0.9959	0.7993
24.9	0.9943	0.9833	--	0.9953	0.9629	0.9888	0.9954	0.8057
25.0	0.9912	0.9771	--	0.9932	0.9586	0.9859	0.9934	0.7334
25.1	0.9911	0.9779	--	0.9922	0.9454	0.9852	0.9927	0.6980

25.2	0.9922	0.9798	--	0.9932	0.9510	0.9876	0.9935	0.6683
25.3	0.9912	0.9746	--	0.9927	0.9580	0.9857	0.9925	0.6990
25.4	0.9936	0.9771	--	0.9941	0.9656	0.9850	0.9940	0.7391
25.5	0.9941	0.9790	--	0.9934	0.9731	0.9845	0.9938	0.6819
25.6	0.9934	0.9774	--	0.9931	0.9647	0.9849	0.9930	0.6256
25.7	0.9938	0.9788	--	0.9927	0.9597	0.9846	0.9930	0.7111
25.8	0.9932	0.9846	--	0.9926	0.9592	0.9892	0.9933	0.7498
25.9	0.9939	0.9861	--	0.9938	0.9625	0.9914	0.9944	0.7432
26.0	0.9955	0.9848	--	0.9949	0.9713	0.9892	0.9948	0.7262
26.1	0.9953	0.9827	--	0.9944	0.9630	0.9878	0.9944	0.7033
26.2	0.9949	0.9851	--	0.9948	0.9694	0.9914	0.9948	0.7795
26.3	0.9960	0.9843	--	0.9954	0.9733	0.9906	0.9954	0.8068
26.4	0.9957	0.9838	--	0.9945	0.9708	0.9885	0.9946	0.7458
26.5	0.9965	0.9894	--	0.9953	0.9683	0.9907	0.9954	0.7906
26.6	0.9973	0.9921	--	0.9971	0.9739	0.9949	0.9972	0.8127
26.7	0.9965	0.9867	--	0.9952	0.9707	0.9888	0.9954	0.8566
26.8	0.9973	0.9874	--	0.9961	0.9628	0.9901	0.9962	0.9154
26.9	0.9967	0.9821	--	0.9955	0.9540	0.9873	0.9956	0.9334
27.0	0.9974	0.9894	--	0.9969	0.9731	0.9917	0.9969	0.9600
27.1	0.9969	0.9867	--	0.9964	0.9613	0.9901	0.9964	0.9528
27.2	0.9973	0.9825	--	0.9967	0.9541	0.9866	0.9966	0.9601
27.3	0.9977	0.9834	--	0.9973	0.9705	0.9899	0.9972	0.9752
27.4	0.9977	0.9913	--	0.9975	0.9737	0.9918	0.9974	0.9773
27.5	0.9976	0.9949	--	0.9974	0.9735	0.9891	0.9972	0.9643
27.6	0.9978	0.9929	--	0.9974	0.9833	0.9800	0.9971	0.9663
27.7	0.9985	0.9935	--	0.9985	0.9870	0.9871	0.9983	0.9741
27.8	0.9972	0.9906	--	0.9973	0.9787	0.9845	0.9971	0.9716
27.9	0.9975	0.9910	--	0.9976	0.9800	0.9840	0.9975	0.9696
28.0	0.9981	0.9929	--	0.9980	0.9867	0.9802	0.9979	0.9797
28.1	0.9984	0.9916	--	0.9982	0.9859	0.9607	0.9985	0.9826
28.2	0.9989	0.9963	--	0.9987	0.9886	0.9813	0.9989	0.9882
28.3	0.9990	0.9969	--	0.9990	0.9917	0.9872	0.9989	0.9894
28.4	0.9988	0.9955	--	0.9990	0.9896	0.9879	0.9987	0.9858
28.5	0.9989	0.9937	--	0.9991	0.9881	0.9852	0.9987	0.9851
28.6	0.9993	0.9946	--	0.9993	0.9900	0.9757	0.9990	0.9871
28.7	0.9993	0.9922	--	0.9994	0.9876	0.9793	0.9992	0.9854
28.8	0.9992	0.9938	--	0.9994	0.9864	0.9808	0.9989	0.9866
28.9	0.9992	0.9942	--	0.9993	0.9882	0.9858	0.9991	0.9869
29.0	0.9991	0.9912	--	0.9992	0.9817	0.9899	0.9991	0.9828
29.1	0.9991	0.9915	--	0.9992	0.9825	0.9932	0.9992	0.9845
29.2	0.9991	0.9908	--	0.9993	0.9787	0.9944	0.9992	0.9858
29.3	0.9990	0.9903	--	0.9990	0.9711	0.9951	0.9991	0.9832
29.4	0.9991	0.9938	--	0.9992	0.9709	0.9961	0.9992	0.9886
29.5	0.9990	0.9928	--	0.9991	0.9596	0.9943	0.9993	0.9897
29.6	0.9988	0.9887	--	0.9988	0.9468	0.9959	0.9990	0.9811
29.7	0.9988	0.9891	--	0.9987	0.9528	0.9960	0.9992	0.9793
29.8	0.9990	0.9923	--	0.9990	0.9518	0.9970	0.9993	0.9868
29.9	0.9987	0.9925	--	0.9987	0.9537	0.9963	0.9990	0.9869
30.0	0.9987	0.9915	--	0.9986	0.9636	0.9965	0.9991	0.9771
30.1	0.9989	0.9910	--	0.9987	0.9630	0.9978	0.9991	0.9740
30.2	0.9988	0.9934	--	0.9989	0.9669	0.9980	0.9991	0.9799
30.3	0.9991	0.9953	--	0.9992	0.9670	0.9971	0.9993	0.9817
30.4	0.9990	0.9952	--	0.9992	0.9570	0.9973	0.9992	0.9819
30.5	0.9990	0.9948	--	0.9990	0.9591	0.9968	0.9993	0.9801
30.6	0.9989	0.9946	--	0.9991	0.9648	0.9964	0.9993	0.9744
30.7	0.9993	0.9963	--	0.9994	0.9674	0.9980	0.9995	0.9808
30.8	0.9992	0.9949	--	0.9991	0.9661	0.9976	0.9993	0.9695
30.9	0.9992	0.9963	--	0.9993	0.9764	0.9982	0.9994	0.9749
31.0	0.9992	0.9962	--	0.9993	0.9756	0.9985	0.9994	0.9727
31.1	0.9992	0.9960	--	0.9993	0.9760	0.9978	0.9995	0.9688
31.2	0.9992	0.9962	--	0.9993	0.9731	0.9978	0.9994	0.9689
31.3	0.9993	0.9962	--	0.9993	0.9674	0.9978	0.9994	0.9531
31.4	0.9992	0.9952	--	0.9992	0.9577	0.9977	0.9993	0.9465
31.5	0.9990	0.9948	--	0.9990	0.9555	0.9972	0.9992	0.9264
31.6	0.9992	0.9923	--	0.9987	0.9473	0.9974	0.9993	0.9025
31.7	0.9993	0.9939	--	0.9992	0.9503	0.9979	0.9994	0.9152
31.8	0.9990	0.9915	--	0.9984	0.8979	0.9969	0.9990	0.8708
31.9	0.9993	0.9946	--	0.9990	0.8856	0.9979	0.9993	0.9018
32.0	0.9992	0.9943	--	0.9989	0.8692	0.9981	0.9992	0.8891
32.1	0.9984	0.9928	--	0.9978	0.8580	0.9968	0.9983	0.8883
32.2	0.9987	0.9929	--	0.9982	0.8148	0.9969	0.9986	0.8675
32.3	0.9987	0.9919	--	0.9984	0.7419	0.9977	0.9984	0.8154
32.4	0.9981	0.9879	--	0.9975	0.6529	0.9961	0.9977	0.7524
32.5	0.9968	0.9844	--	0.9959	0.4664	0.9939	0.9963	0.6889
32.6	0.9956	0.9832	--	0.9958	0.5012	0.9960	0.9953	0.7287
32.7	0.9954	0.9820	--	0.9952	0.4976	0.9963	0.9955	0.7558
32.8	0.9957	0.9824	--	0.9959	0.5306	0.9961	0.9960	0.7272
32.9	0.9929	0.9798	--	0.9938	0.6029	0.9947	0.9939	0.7305
33.0	0.9904	0.9753	--	0.9915	0.6729	0.9945	0.9921	0.7892
33.1	0.9829	0.9420	--	0.9844	0.6637	0.9893	0.9863	0.7539
33.2	0.9717	0.9167	--	0.9751	0.5473	0.9740	0.9770	0.6484
33.3	0.9689	0.9250	--	0.9726	0.5064	0.9556	0.9732	0.6136
33.4	0.9736	0.9256	--	0.9739	0.4729	0.9377	0.9764	0.7394
33.5	0.9755	0.9496	--	0.9748	0.6698	0.9329	0.9782	0.8616
33.6	0.9752	0.9513	--	0.9740	0.7601	0.9282	0.9765	0.8656
33.7	0.9766	0.9493	--	0.9769	0.8490	0.9495	0.9769	0.8904

33.8	0.9706	0.9486	--	0.9699	0.8582	0.9468	0.9709	0.8578
33.9	0.9890	0.9738	--	0.9881	0.9358	0.9818	0.9894	0.9343
34.0	0.9906	0.9804	--	0.9888	0.9508	0.9811	0.9919	0.9229
34.1	0.9915	0.9865	--	0.9898	0.9522	0.9850	0.9932	0.9269
34.2	0.9920	0.9903	--	0.9903	0.9566	0.9870	0.9934	0.9178
34.3	0.9955	0.9915	--	0.9943	0.9723	0.9933	0.9966	0.9318
34.4	0.9968	0.9923	--	0.9959	0.9794	0.9957	0.9975	0.9325
34.5	0.9970	0.9866	--	0.9965	0.9809	0.9961	0.9974	0.9376
34.6	0.9969	0.9866	--	0.9963	0.9838	0.9965	0.9974	0.9121
34.7	0.9975	0.9877	--	0.9973	0.9842	0.9973	0.9981	0.8889
34.8	0.9977	0.9863	--	0.9974	0.9838	0.9969	0.9981	0.8802
34.9	0.9977	0.9865	--	0.9976	0.9850	0.9971	0.9982	0.9121
35.0	0.9981	0.9871	--	0.9979	0.9853	0.9972	0.9984	0.9315
35.1	0.9981	0.9860	--	0.9981	0.9885	0.9973	0.9984	0.9484
35.2	0.9983	0.9811	--	0.9984	0.9885	0.9971	0.9985	0.9602
35.3	0.9982	0.9792	--	0.9982	0.9877	0.9966	0.9985	0.9722
35.4	0.9981	0.9683	--	0.9982	0.9861	0.9958	0.9984	0.9773
35.5	0.9979	0.9736	--	0.9981	0.9888	0.9966	0.9983	0.9806
35.6	0.9982	0.9765	--	0.9982	0.9931	0.9974	0.9985	0.9853
35.7	0.9985	0.9625	--	0.9985	0.9935	0.9974	0.9988	0.9853
35.8	0.9982	0.9133	--	0.9984	0.9915	0.9964	0.9986	0.9816
35.9	0.9984	0.8222	--	0.9987	0.9903	0.9962	0.9986	0.9880
36.0	0.9991	0.7766	--	0.9991	0.9938	0.9975	0.9991	0.9914
36.1	0.9989	0.5643	--	0.9987	0.9941	0.9970	0.9988	0.9890
36.2	0.9985	0.4753	--	0.9982	0.9908	0.9965	0.9987	0.9834
36.3	0.9988	0.6862	--	0.9987	0.9936	0.9969	0.9989	0.9890
36.4	0.9987	0.7834	--	0.9986	0.9927	0.9972	0.9989	0.9889
36.5	0.9983	0.8639	--	0.9982	0.9915	0.9969	0.9987	0.9874
36.6	0.9980	0.8961	--	0.9979	0.9920	0.9967	0.9985	0.9897
36.7	0.9979	0.8922	--	0.9980	0.9909	0.9968	0.9985	0.9909
36.8	0.9977	0.8972	--	0.9978	0.9892	0.9975	0.9983	0.9922
36.9	0.9970	0.8815	--	0.9972	0.9870	0.9971	0.9980	0.9914
37.0	0.9986	0.9328	--	0.9987	0.9910	0.9975	0.9990	0.9945
37.1	0.9982	0.9314	--	0.9982	0.9898	0.9962	0.9985	0.9936
37.2	0.9984	0.9574	--	0.9984	0.9912	0.9968	0.9987	0.9939
37.3	0.9982	0.9695	--	0.9983	0.9917	0.9976	0.9988	0.9938
37.4	0.9979	0.9635	--	0.9981	0.9890	0.9962	0.9984	0.9942
37.5	0.9983	0.9731	--	0.9984	0.9893	0.9960	0.9985	0.9952
37.6	0.9985	0.9813	--	0.9987	0.9926	0.9973	0.9988	0.9962
37.7	0.9983	0.9831	--	0.9986	0.9905	0.9973	0.9988	0.9940
37.8	0.9981	0.9816	--	0.9983	0.9898	0.9963	0.9986	0.9927
37.9	0.9972	0.9834	--	0.9976	0.9877	0.9943	0.9978	0.9922
38.0	0.9983	0.9862	--	0.9985	0.9878	0.9949	0.9987	0.9925
38.1	0.9967	0.9838	--	0.9972	0.9809	0.9954	0.9975	0.9889
38.2	0.9974	0.9887	--	0.9977	0.9797	0.9949	0.9978	0.9915
38.3	0.9975	0.9865	--	0.9978	0.9798	0.9947	0.9978	0.9918
38.4	0.9976	0.9904	--	0.9978	0.9834	0.9958	0.9979	0.9899
38.5	0.9980	0.9922	--	0.9982	0.9847	0.9963	0.9984	0.9917
38.6	0.9965	0.9894	--	0.9967	0.9788	0.9953	0.9968	0.9870
38.7	0.9969	0.9889	--	0.9971	0.9783	0.9937	0.9968	0.9872
38.8	0.9975	0.9928	--	0.9979	0.9790	0.9951	0.9977	0.9899
38.9	0.9969	0.9919	--	0.9972	0.9765	0.9959	0.9971	0.9882
39.0	0.9983	0.9957	--	0.9985	0.9842	0.9964	0.9984	0.9900
39.1	0.9979	0.9938	--	0.9982	0.9788	0.9969	0.9982	0.9885
39.2	0.9981	0.9954	--	0.9982	0.9817	0.9961	0.9981	0.9890
39.3	0.9984	0.9953	--	0.9985	0.9785	0.9958	0.9983	0.9885
39.4	0.9982	0.9947	--	0.9984	0.9788	0.9958	0.9983	0.9854
39.5	0.9977	0.9938	--	0.9977	0.9756	0.9930	0.9973	0.9854
39.6	0.9975	0.9945	--	0.9975	0.9645	0.9912	0.9970	0.9853
39.7	0.9980	0.9946	--	0.9982	0.9652	0.9941	0.9980	0.9842
39.8	0.9979	0.9938	--	0.9977	0.9702	0.9910	0.9974	0.9846
39.9	0.9969	0.9924	--	0.9964	0.9594	0.9847	0.9958	0.9855
40.0	0.9977	0.9948	--	0.9970	0.9639	0.9863	0.9965	0.9877
40.1	0.9976	0.9935	--	0.9968	0.9556	0.9836	0.9961	0.9842
40.2	0.9978	0.9949	--	0.9973	0.9518	0.9844	0.9968	0.9867
40.3	0.9979	0.9949	--	0.9975	0.9607	0.9824	0.9968	0.9890
40.4	0.9975	0.9936	--	0.9971	0.9366	0.9821	0.9967	0.9827
40.5	0.9974	0.9920	--	0.9973	0.9214	0.9861	0.9972	0.9798
40.6	0.9976	0.9932	--	0.9975	0.9189	0.9790	0.9970	0.9763
40.7	0.9983	0.9936	--	0.9980	0.9071	0.9718	0.9975	0.9804
40.8	0.9979	0.9953	--	0.9974	0.9453	0.9733	0.9967	0.9877
40.9	0.9981	0.9936	--	0.9976	0.9293	0.9688	0.9970	0.9883
41.0	0.9978	0.9923	--	0.9972	0.8979	0.9484	0.9965	0.9824
41.1	0.9975	0.9920	--	0.9969	0.8777	0.8931	0.9959	0.9779
41.2	0.9975	0.9877	--	0.9972	0.8458	0.8878	0.9963	0.9708
41.3	0.9975	0.9843	--	0.9972	0.7372	0.9322	0.9969	0.9808
41.4	0.9971	0.9843	--	0.9968	0.6007	0.8962	0.9962	0.9781
41.5	0.9969	0.9856	--	0.9967	0.8397	0.8469	0.9962	0.9770
41.6	0.9954	0.9839	--	0.9951	0.9194	0.8637	0.9946	0.9532
41.7	0.9958	0.9833	--	0.9955	0.9254	0.9197	0.9945	0.9471
41.8	0.9954	0.9832	--	0.9952	0.9255	0.9241	0.9947	0.9619
41.9	0.9968	0.9897	--	0.9966	0.9530	0.9440	0.9960	0.9785
42.0	0.9962	0.9881	--	0.9959	0.9224	0.9518	0.9954	0.9778
42.1	0.9969	0.9876	--	0.9968	0.8995	0.9594	0.9963	0.9772
42.2	0.9961	0.9856	--	0.9957	0.9245	0.9584	0.9949	0.9685
42.3	0.9963	0.9894	--	0.9957	0.9499	0.9673	0.9948	0.9762

42.4	0.9975	0.9879	--	0.9973	0.9399	0.9685	0.9967	0.9747
42.5	0.9965	0.9882	--	0.9961	0.9289	0.9619	0.9951	0.9714
42.6	0.9962	0.9889	--	0.9958	0.9254	0.9598	0.9949	0.9602
42.7	0.9961	0.9908	--	0.9958	0.8946	0.9587	0.9951	0.9352
42.8	0.9965	0.9911	--	0.9961	0.8828	0.9536	0.9947	0.8936
42.9	0.9953	0.9889	--	0.9948	0.9211	0.9613	0.9939	0.9024
43.0	0.9961	0.9907	--	0.9955	0.9522	0.9684	0.9948	0.9476
43.1	0.9964	0.9895	--	0.9957	0.9600	0.9670	0.9949	0.9519
43.2	0.9972	0.9869	--	0.9969	0.9005	0.9673	0.9963	0.9164
43.3	0.9972	0.9884	--	0.9967	0.8983	0.9623	0.9960	0.8739
43.4	0.9973	0.9893	--	0.9967	0.9148	0.9524	0.9957	0.9499
43.5	0.9965	0.9846	--	0.9960	0.9405	0.9633	0.9951	0.9151
43.6	0.9966	0.9807	--	0.9959	0.9367	0.9629	0.9950	0.9141
43.7	0.9968	0.9858	--	0.9963	0.9570	0.9556	0.9958	0.9256
43.8	0.9972	0.9840	--	0.9967	0.9622	0.9505	0.9961	0.9170
43.9	0.9970	0.9770	--	0.9961	0.9701	0.9478	0.9956	0.8865
44.0	0.9972	0.9713	--	0.9966	0.9671	0.9475	0.9962	0.8674
44.1	0.9969	0.9565	--	0.9962	0.9422	0.9365	0.9958	0.8841
44.2	0.9964	0.9651	--	0.9959	0.9216	0.9561	0.9956	0.8955
44.3	0.9961	0.9585	--	0.9955	0.8946	0.9433	0.9949	0.8920
44.4	0.9966	0.9614	--	0.9964	0.8699	0.9349	0.9954	0.8702
44.5	0.9975	0.9621	--	0.9971	0.9205	0.8875	0.9964	0.8720
44.6	0.9979	0.9594	--	0.9974	0.9144	0.9283	0.9968	0.8513
44.7	0.9975	0.9381	--	0.9969	0.8921	0.9296	0.9963	0.7920
44.8	0.9974	0.9287	--	0.9969	0.8206	0.9100	0.9959	0.5808
44.9	0.9980	0.9264	--	0.9975	0.8237	0.8944	0.9966	0.4165
45.0	0.9979	0.8872	--	0.9970	0.7907	0.8403	0.9963	0.3715
45.1	0.9978	0.8690	--	0.9974	0.8157	0.8686	0.9963	0.4030
45.2	0.9975	0.8753	--	0.9969	0.8346	0.8503	0.9954	0.4740
45.3	0.9971	0.8859	--	0.9964	0.8803	0.8344	0.9949	0.5189
45.4	0.9978	0.8697	--	0.9975	0.8956	0.9006	0.9960	0.4704
45.5	0.9983	0.8873	--	0.9979	0.9112	0.9366	0.9970	0.5137
45.6	0.9983	0.8574	--	0.9977	0.8709	0.9200	0.9961	0.5044
45.7	0.9978	0.8361	--	0.9974	0.8581	0.9311	0.9957	0.4917
45.8	0.9968	0.7772	--	0.9964	0.8090	0.9097	0.9945	0.3356
45.9	0.9975	0.7739	--	0.9968	0.7565	0.9133	0.9945	0.3775
46.0	0.9965	0.6086	--	0.9955	0.6583	0.8996	0.9908	0.2818
46.1	0.9962	0.3097	--	0.9951	0.7460	0.9483	0.9907	0.3508
46.2	0.9962	0.4964	--	0.9953	0.8656	0.9646	0.9922	0.3421
46.3	0.9968	0.6987	--	0.9962	0.9029	0.9614	0.9942	0.3554
46.4	0.9975	0.8221	--	0.9973	0.9170	0.9355	0.9949	0.2976
46.5	0.9974	0.8706	--	0.9968	0.9186	0.9093	0.9942	0.2971
46.6	0.9966	0.8669	--	0.9962	0.8613	0.9436	0.9925	0.1706
46.7	0.9972	0.8651	--	0.9970	0.8191	0.9531	0.9930	0.4054
46.8	0.9972	0.8865	--	0.9971	0.8186	0.9470	0.9929	0.4966
46.9	0.9978	0.9014	--	0.9976	0.7733	0.9566	0.9937	0.3736
47.0	0.9973	0.8989	--	0.9969	0.7803	0.9676	0.9936	0.5593
47.1	0.9964	0.8935	--	0.9959	0.7872	0.9650	0.9919	0.6209
47.2	0.9955	0.8866	--	0.9949	0.7527	0.9603	0.9904	0.4414
47.3	0.9971	0.9046	--	0.9965	0.6424	0.9521	0.9908	0.3480
47.4	0.9971	0.9188	--	0.9963	0.4853	0.9545	0.9896	0.4151
47.5	0.9976	0.9191	--	0.9972	0.2599	0.9744	0.9905	0.5049
47.6	0.9971	0.9192	--	0.9974	0.4526	0.9711	0.9915	0.5391
47.7	0.9971	0.9059	--	0.9972	0.5055	0.9221	0.9918	0.6457
47.8	0.9965	0.9118	--	0.9962	0.5912	0.9026	0.9922	0.6163
47.9	0.9966	0.9323	--	0.9965	0.6050	0.9623	0.9910	0.5226
48.0	0.9972	0.9221	--	0.9968	0.6279	0.9733	0.9909	0.5339
48.1	0.9973	0.9196	--	0.9968	0.6469	0.9710	0.9921	0.5953
48.2	0.9951	0.8699	--	0.9941	0.5500	0.9595	0.9868	0.6760
48.3	0.9947	0.8270	--	0.9938	0.5981	0.9425	0.9836	0.6783
48.4	0.9957	0.8820	--	0.9952	0.6706	0.9626	0.9872	0.7074
48.5	0.9969	0.8910	--	0.9963	0.7493	0.9625	0.9893	0.7590
48.6	0.9962	0.8895	--	0.9953	0.7327	0.9584	0.9897	0.7552
48.7	0.9950	0.8449	--	0.9938	0.7186	0.9446	0.9854	0.7643
48.8	0.9972	0.8816	--	0.9959	0.8139	0.9569	0.9897	0.7348
48.9	0.9975	0.9046	--	0.9963	0.7668	0.9687	0.9915	0.2980
49.0	0.9961	0.8776	--	0.9949	0.7612	0.9713	0.9887	0.1733
49.1	0.9963	0.8711	--	0.9954	0.7989	0.9692	0.9886	0.6946
49.2	0.9968	0.8626	--	0.9961	0.7956	0.9629	0.9897	0.7921
49.3	0.9967	0.8136	--	0.9953	0.7905	0.9587	0.9876	0.7329
49.4	0.9971	0.8509	--	0.9957	0.8058	0.9741	0.9882	0.6962
49.5	0.9965	0.8836	--	0.9951	0.7698	0.9683	0.9876	0.4910
49.6	0.9971	0.8690	--	0.9956	0.8177	0.9630	0.9887	0.6638
49.7	0.9959	0.7522	--	0.9941	0.7579	0.9641	0.9850	0.6444
49.8	0.9971	0.6963	--	0.9960	0.7263	0.9728	0.9898	0.7412
49.9	0.9971	0.6922	--	0.9959	0.6811	0.9686	0.9903	0.6479
50.0	0.9968	0.7371	--	0.9954	0.6536	0.9711	0.9888	0.6226
50.1	0.9971	0.7636	--	0.9960	0.6822	0.9787	0.9892	0.6651
50.2	0.9972	0.7885	--	0.9962	0.5760	0.9707	0.9901	0.4983
50.3	0.9974	0.8299	--	0.9964	0.2842	0.9582	0.9910	0.2391
50.4	0.9965	0.7896	--	0.9960	0.1812	0.9558	0.9888	0.2364
50.5	0.9975	0.8023	--	0.9969	0.3594	0.9774	0.9919	0.6393
50.6	0.9977	0.8077	--	0.9966	0.3633	0.9824	0.9912	0.6192
50.7	0.9976	0.7844	--	0.9964	0.2356	0.9756	0.9908	0.6230
50.8	0.9963	0.7402	--	0.9928	0.0414	0.9398	0.9827	0.5655
50.9	0.9960	0.7901	--	0.9943	0.1563	0.9521	0.9849	0.6549

51.0	0.9966	0.7364	--	0.9958	0.4396	0.9604	0.9874	0.6991
51.1	0.9979	0.7444	--	0.9963	0.4700	0.9636	0.9883	0.6872
51.2	0.9974	0.7492	--	0.9959	0.5509	0.9669	0.9897	0.7308
51.3	0.9967	0.8366	--	0.9949	0.5296	0.9705	0.9847	0.6360
51.4	0.9970	0.7320	--	0.9947	0.5624	0.9772	0.9809	0.5744
51.5	0.9978	0.7641	--	0.9956	0.6165	0.9836	0.9841	0.5693
51.6	0.9977	0.7544	--	0.9951	0.7578	0.9819	0.9843	0.5231
51.7	0.9962	0.7698	--	0.9935	0.7124	0.9734	0.9823	0.3829
51.8	0.9968	0.8499	--	0.9953	0.7331	0.9733	0.9883	0.3776
51.9	0.9973	0.8565	--	0.9963	0.6769	0.9697	0.9873	0.4105
52.0	0.9981	0.8867	--	0.9967	0.8116	0.9733	0.9866	0.5599
52.1	0.9969	0.9227	--	0.9945	0.8049	0.9747	0.9812	0.5838
52.2	0.9960	0.9067	--	0.9940	0.7721	0.9685	0.9835	0.5960
52.3	0.9972	0.9373	--	0.9957	0.8668	0.9854	0.9890	0.7410
52.4	0.9967	0.9525	--	0.9959	0.8276	0.9846	0.9895	0.6116
52.5	0.9970	0.9462	--	0.9969	0.8043	0.9843	0.9908	0.3175
52.6	0.9972	0.9659	--	0.9962	0.8887	0.9819	0.9893	0.6305
52.7	0.9965	0.9756	--	0.9958	0.9115	0.9769	0.9892	0.8185
52.8	0.9959	0.9757	--	0.9955	0.9041	0.9780	0.9882	0.8521
52.9	0.9960	0.9703	--	0.9952	0.9208	0.9872	0.9863	0.8520
53.0	0.9949	0.9675	--	0.9942	0.9331	0.9852	0.9870	0.7640
53.1	0.9955	0.9702	--	0.9944	0.9467	0.9858	0.9870	0.6814
53.2	0.9967	0.9728	--	0.9958	0.9710	0.9877	0.9916	0.6380
53.3	0.9966	0.9834	--	0.9960	0.9583	0.9889	0.9924	0.3516
53.4	0.9953	0.9769	--	0.9947	0.9434	0.9848	0.9901	0.5707
53.5	0.9959	0.9786	--	0.9962	0.9564	0.9787	0.9925	0.7785
53.6	0.9969	0.9712	--	0.9970	0.9635	0.9834	0.9942	0.8361
53.7	0.9957	0.9817	--	0.9953	0.9600	0.9830	0.9931	0.8512
53.8	0.9937	0.9830	--	0.9940	0.9453	0.9851	0.9898	0.7856
53.9	0.9941	0.9682	--	0.9932	0.9373	0.9800	0.9906	0.8330
54.0	0.9918	0.9260	--	0.9916	0.9039	0.9630	0.9901	0.8527
54.1	0.9946	0.9719	--	0.9949	0.9215	0.9726	0.9938	0.9330
54.2	0.9930	0.9785	--	0.9942	0.9178	0.9769	0.9916	0.9165
54.3	0.9921	0.9728	--	0.9939	0.9195	0.9847	0.9907	0.9236
54.4	0.9937	0.9772	--	0.9944	0.8865	0.9872	0.9928	0.9249
54.5	0.9937	0.9637	--	0.9941	0.8562	0.9871	0.9922	0.9275
54.6	0.9927	0.9694	--	0.9933	0.8595	0.9844	0.9915	0.9301
54.7	0.9937	0.9778	--	0.9944	0.9009	0.9860	0.9924	0.9439
54.8	0.9928	0.9610	--	0.9939	0.8673	0.9909	0.9908	0.9168
54.9	0.9930	0.9655	--	0.9941	0.8977	0.9895	0.9903	0.9262
55.0	0.9917	0.9618	--	0.9921	0.8953	0.9832	0.9905	0.9216
55.1	0.9932	0.9533	--	0.9935	0.9171	0.9841	0.9924	0.9196
55.2	0.9936	0.9291	--	0.9947	0.9287	0.9861	0.9929	0.8852
55.3	0.9926	0.8988	--	0.9926	0.9148	0.9854	0.9901	0.8472
55.4	0.9921	0.9033	--	0.9920	0.9401	0.9847	0.9891	0.8661
55.5	0.9862	0.8419	--	0.9869	0.9332	0.9807	0.9836	0.8143
55.6	0.9925	0.8703	--	0.9932	0.9561	0.9920	0.9891	0.8607
55.7	0.9904	0.8342	--	0.9907	0.9556	0.9842	0.9880	0.8285
55.8	0.9900	0.8087	--	0.9898	0.9605	0.9836	0.9874	0.8549
55.9	0.9895	0.7657	--	0.9896	0.9534	0.9835	0.9873	0.8644
56.0	0.9915	0.6525	--	0.9909	0.9546	0.9838	0.9901	0.8934
56.1	0.9900	0.7259	--	0.9906	0.9521	0.9838	0.9915	0.8927
56.2	0.9869	0.6052	--	0.9863	0.9431	0.9821	0.9863	0.8382
56.3	0.9853	0.4427	--	0.9866	0.9489	0.9824	0.9866	0.8067
56.4	0.9903	0.4057	--	0.9909	0.9463	0.9872	0.9896	0.8208
56.5	0.9855	0.3624	--	0.9881	0.9369	0.9829	0.9850	0.8088
56.6	0.9843	0.5045	--	0.9859	0.9406	0.9827	0.9836	0.8373
56.7	0.9848	0.5212	--	0.9851	0.9520	0.9773	0.9825	0.8320
56.8	0.9873	0.4868	--	0.9876	0.9574	0.9822	0.9888	0.8858
56.9	0.9867	0.4721	--	0.9887	0.9463	0.9806	0.9902	0.8934
57.0	0.9779	0.5185	--	0.9838	0.8971	0.9711	0.9841	0.8255
57.1	0.9712	0.6290	--	0.9774	0.8980	0.9723	0.9816	0.8278
57.2	0.9766	0.6207	--	0.9821	0.9009	0.9816	0.9841	0.8464
57.3	0.9796	0.5376	--	0.9809	0.8814	0.9839	0.9829	0.8586
57.4	0.9717	0.5093	--	0.9744	0.8113	0.9694	0.9789	0.8300
57.5	0.9646	0.5194	--	0.9684	0.7612	0.9540	0.9726	0.8162
57.6	0.9742	0.4556	--	0.9742	0.7441	0.9642	0.9747	0.8295
57.7	0.9770	0.5930	--	0.9750	0.7231	0.9703	0.9773	0.8319
57.8	0.9777	0.5614	--	0.9750	0.7565	0.9708	0.9771	0.8403
57.9	0.9799	0.6245	--	0.9788	0.8184	0.9751	0.9821	0.8755
58.0	0.9766	0.6279	--	0.9769	0.7932	0.9740	0.9786	0.8831
58.1	0.9745	0.6140	--	0.9731	0.8044	0.9743	0.9679	0.8666
58.2	0.9704	0.6221	--	0.9709	0.7506	0.9724	0.9706	0.8604
58.3	0.9621	0.6494	--	0.9665	0.6854	0.9651	0.9730	0.8537
58.4	0.9578	0.6621	--	0.9629	0.7176	0.9647	0.9639	0.8732
58.5	0.9583	0.6441	--	0.9650	0.7546	0.9582	0.9654	0.8333
58.6	0.9123	0.2586	--	0.9345	0.6847	0.9386	0.9524	0.6676
58.7	0.9158	0.2490	--	0.9491	0.7013	0.9420	0.9579	0.6896
58.8	0.9548	0.6480	--	0.9582	0.7522	0.9659	0.9542	0.8661
58.9	0.9421	0.7453	--	0.9479	0.6588	0.9479	0.9434	0.8624
59.0	0.9380	0.6949	--	0.9542	0.6560	0.9592	0.9508	0.9057
59.1	0.9525	0.7516	--	0.9589	0.7030	0.9587	0.9461	0.9222
59.2	0.9471	0.8205	--	0.9642	0.7388	0.9609	0.9463	0.8899
59.3	0.9240	0.8431	--	0.9564	0.7144	0.9626	0.9492	0.8821
59.4	0.9145	0.8731	--	0.9436	0.7266	0.9671	0.9416	0.8942
59.5	0.9215	0.8885	--	0.9443	0.7497	0.9660	0.9285	0.9163

59.6	0.9160	0.8607	--	0.9387	0.7198	0.9557	0.9015	0.9085
59.7	0.9186	0.8589	--	0.9380	0.7481	0.9552	0.9155	0.9091
59.8	0.8918	0.8771	--	0.9485	0.7180	0.9664	0.9109	0.8750
59.9	0.8912	0.8756	--	0.9406	0.6366	0.9704	0.8880	0.6410
60.0	0.9026	0.9057	--	0.9354	0.7219	0.9721	0.8848	0.4338
60.1	0.9064	0.8664	--	0.9206	0.7101	0.9657	0.8770	0.6942
60.2	0.8538	0.8309	--	0.9107	0.6143	0.9261	0.8514	0.7772
60.3	0.8595	0.9037	--	0.9418	0.6133	0.9391	0.8931	0.8085
60.4	0.8561	0.9222	--	0.9306	0.5947	0.9421	0.8734	0.8139
60.5	0.8496	0.8992	--	0.9081	0.6360	0.9355	0.8425	0.7947
60.6	0.8475	0.8808	--	0.9088	0.5973	0.9424	0.8286	0.7993
60.7	0.8480	0.8888	--	0.9343	0.6913	0.9527	0.8492	0.8156
60.8	0.8375	0.8674	--	0.9371	0.5718	0.9493	0.7883	0.7088
60.9	0.8230	0.8504	--	0.9414	0.5880	0.9499	0.7794	0.6981
61.0	0.7900	0.7928	--	0.9414	0.5767	0.9443	0.8155	0.7062
61.1	0.7036	0.6805	--	0.9158	0.4309	0.9299	0.7824	0.5848
61.2	0.6130	0.4662	--	0.8897	0.3393	0.9402	0.7627	0.5194
61.3	0.7249	0.5279	--	0.9298	0.4632	0.9517	0.7774	0.6052
61.4	0.6789	0.3882	--	0.9136	0.4517	0.9274	0.7735	0.5809
61.5	0.6013	0.3513	--	0.9009	0.4785	0.9432	0.7639	0.4986
61.6	0.6893	0.4431	--	0.9077	0.5190	0.9318	0.7095	0.5667
61.7	0.7524	0.4518	--	0.9341	0.4717	0.9171	0.7280	0.6025
61.8	0.6585	0.3000	--	0.9321	0.4444	0.9092	0.7062	0.5101
61.9	0.6781	0.2425	--	0.9175	0.2702	0.8662	0.6171	0.3872
62.0	0.5855	0.1466	--	0.9288	0.3989	0.8919	0.5853	0.5259
62.1	0.5575	0.1297	--	0.9093	0.4692	0.8850	0.5715	0.5502
62.2	0.6304	0.1777	--	0.8948	0.3146	0.8558	0.5102	0.4332
62.3	0.6820	0.1684	--	0.9253	0.4396	0.8974	0.5809	0.5441
62.4	0.5551	0.0746	--	0.9112	0.3840	0.8713	0.5721	0.4824
62.5	0.4503	0.1014	--	0.8537	0.2424	0.8134	0.4352	0.3683
62.6	0.5864	0.1496	--	0.8699	0.3769	0.8507	0.3573	0.4669
62.7	0.5967	0.1150	--	0.8759	0.3476	0.7995	0.4001	0.5472
62.8	0.6645	0.1068	--	0.8981	0.3148	0.8192	0.4108	0.4996
62.9	0.5131	0.0802	--	0.9064	0.4283	0.8592	0.4235	0.5291
63.0	0.4558	0.0694	--	0.8725	0.3728	0.8183	0.3252	0.4902
63.1	0.5642	0.1023	--	0.8927	0.3468	0.7701	0.2392	0.4894
63.2	0.5839	0.0623	--	0.8876	0.3983	0.8049	0.2513	0.5012
63.3	0.5372	0.0828	--	0.8729	0.4193	0.8192	0.2120	0.5270
63.4	0.3666	0.0721	--	0.8229	0.3379	0.7140	0.1271	0.4304
63.5	0.4012	0.1290	--	0.8505	0.3860	0.7341	0.1740	0.5112
63.6	0.5110	0.0999	--	0.8478	0.3216	0.7104	0.1749	0.3980
63.7	0.4313	0.0322	--	0.8395	0.2822	0.7569	0.1781	0.3982
63.8	0.4780	0.0772	--	0.8368	0.3511	0.6974	0.2708	0.4778
63.9	0.4795	0.1583	--	0.8021	0.3858	0.6546	0.1659	0.5222
64.0	0.5875	0.1308	--	0.8392	0.2567	0.6774	0.1303	0.4123
64.1	0.4683	0.0794	--	0.8269	0.2344	0.5665	0.1517	0.3606
64.2	0.4396	0.0401	--	0.8235	0.2011	0.6263	0.0669	0.3659
64.3	0.5577	0.0412	--	0.8735	0.2365	0.6431	0.1085	0.4710
64.4	0.5100	0.0551	--	0.8460	0.2115	0.5268	0.1665	0.3860
64.5	0.5155	0.0786	--	0.8636	0.2816	0.5799	0.0652	0.4153
64.6	0.4756	0.0313	--	0.8368	0.0696	0.5037	0.1026	0.1859
64.7	0.4748	0.0138	--	0.8457	0.1108	0.5155	0.0795	0.1985
64.8	0.4626	0.0660	--	0.8652	0.2854	0.5222	0.1323	0.3937
64.9	0.3600	0.0577	--	0.7991	0.2040	0.3852	0.0647	0.3207
65.0	0.3352	0.0534	--	0.8023	0.0594	0.3545	0.0253	0.2413
65.1	0.4433	0.0863	--	0.8145	0.1104	0.4425	0.0634	0.2409
65.2	0.4622	0.1265	--	0.8584	0.2633	0.5593	0.2004	0.4042
65.3	0.4087	0.0735	--	0.8212	0.1609	0.4438	0.0725	0.3191
65.4	0.3273	0.0044	--	0.8336	0.1390	0.4174	0.1186	0.2027
65.5	0.3926	0.0798	--	0.8337	0.2171	0.4330	0.1224	0.2833
65.6	0.4246	0.1237	--	0.8217	0.2451	0.5104	0.0457	0.3205
65.7	0.2612	0.0461	--	0.7898	0.1843	0.4692	0.1260	0.2410
65.8	0.2912	0.0449	--	0.8130	0.0688	0.3839	0.1974	0.1675
65.9	0.2704	0.0376	--	0.8452	0.1343	0.3479	0.3139	0.2303
66.0	0.2834	0.0845	--	0.8029	0.2176	0.4030	0.0796	0.3385
66.1	0.0738	0.0291	--	0.6503	0.1771	0.4066	0.0874	0.1699
66.2	0.2296	0.0970	--	0.7638	0.1941	0.4946	0.1147	0.2979
66.3	0.2726	0.0676	--	0.7733	0.1242	0.4076	0.0467	0.2956
66.4	0.2222	0.0732	--	0.6257	0.1075	0.2964	0.0416	0.2269
66.5	0.1539	0.1022	--	0.6062	0.1448	0.4437	0.2233	0.2057
66.6	0.2447	0.1356	--	0.7554	0.1308	0.4166	0.2556	0.3093
66.7	0.2802	0.1466	--	0.7451	0.1370	0.4244	0.2257	0.2680
66.8	0.2373	0.2051	--	0.6587	0.0901	0.3887	0.1679	0.2175
66.9	0.0903	0.1645	--	0.6675	0.1612	0.3530	0.2975	0.2470
67.0	0.0896	0.1192	--	0.7260	0.1003	0.3930	0.3475	0.1447
67.1	0.2251	0.1802	--	0.7652	0.0477	0.4545	0.3058	0.1695
67.2	0.2774	0.2775	--	0.7050	0.0012	0.4221	0.1567	0.1852
67.3	0.3332	0.3768	--	0.7599	0.0309	0.4844	0.1421	0.3582
67.4	0.0971	0.2730	--	0.6517	0.0380	0.3387	0.2002	0.2527
67.5	0.1296	0.2054	--	0.6114	0.0157	0.3581	0.2407	0.1448
67.6	0.3441	0.3927	--	0.6814	0.0164	0.3942	0.2253	0.3203
67.7	0.3172	0.5133	--	0.7157	0.0188	0.3427	0.2308	0.3397
67.8	0.1909	0.4125	--	0.6739	0.0196	0.1666	0.2761	0.1387
67.9	0.2492	0.3721	--	0.6646	0.0243	0.2087	0.3789	0.1736
68.0	0.2379	0.3880	--	0.6751	0.0180	0.1717	0.3332	0.1766
68.1	0.2329	0.4882	--	0.7146	0.0196	0.2016	0.2867	0.2859

68.2	0.2403	0.6574	--	0.7298	0.0711	0.2918	0.4285	0.3659
68.3	0.2251	0.5349	--	0.6747	0.0154	0.2240	0.3648	0.2101
68.4	0.2700	0.4452	--	0.5913	0.0316	0.1162	0.2901	0.1501
68.5	0.3021	0.5268	--	0.6662	0.1292	0.1195	0.3161	0.2475
68.6	0.3452	0.5673	--	0.7124	0.1114	0.0536	0.2962	0.3525
68.7	0.3780	0.5988	--	0.7160	0.0677	0.0305	0.3737	0.3576
68.8	0.4464	0.6161	--	0.6772	0.1030	0.0304	0.3312	0.3770
68.9	0.4194	0.6511	--	0.6770	0.1802	0.0508	0.2378	0.2562
69.0	0.3326	0.6113	--	0.5888	0.2556	0.0788	0.3315	0.1833
69.1	0.4053	0.6171	--	0.7027	0.1228	0.0244	0.3027	0.3060
69.2	0.4983	0.6743	--	0.6632	0.2239	0.0340	0.1316	0.4178
69.3	0.3974	0.6755	--	0.6195	0.1667	0.0839	0.1666	0.2829
69.4	0.5352	0.6722	--	0.7455	0.1488	0.1831	0.2056	0.4115
69.5	0.4325	0.6677	--	0.7089	0.1624	0.1987	0.2551	0.3049
69.6	0.4890	0.7182	--	0.7674	0.1317	0.2750	0.1750	0.4305
69.7	0.4643	0.7917	--	0.7249	0.1701	0.1816	0.1356	0.4568
69.8	0.4788	0.7651	--	0.6897	0.2546	0.1414	0.1392	0.3506
69.9	0.4723	0.6714	--	0.7060	0.1585	0.2580	0.2001	0.4743
70.0	0.4670	0.6475	--	0.6942	0.1399	0.3927	0.2179	0.5148
70.1	0.3678	0.6770	--	0.7256	0.2068	0.4347	0.3037	0.4456
70.2	0.3572	0.6363	--	0.6282	0.2645	0.3668	0.2308	0.2948
70.3	0.2492	0.6621	--	0.5437	0.1210	0.4529	0.2443	0.1683
70.4	0.2494	0.6771	--	0.6029	0.1801	0.4275	0.2801	0.2459
70.5	0.3931	0.7090	--	0.6824	0.1556	0.5007	0.2738	0.3787
70.6	0.3410	0.6913	--	0.7173	0.0820	0.3950	0.3578	0.4580
70.7	0.2947	0.7388	--	0.7014	0.0739	0.5113	0.2756	0.4505
70.8	0.3728	0.7314	--	0.7058	0.1642	0.5589	0.2838	0.3204
70.9	0.5069	0.7455	--	0.8132	0.1738	0.7121	0.3956	0.4054
71.0	0.4782	0.6707	--	0.7591	0.0925	0.7319	0.3680	0.4730
71.1	0.4060	0.6272	--	0.6924	0.1258	0.6820	0.3908	0.4500
71.2	0.4546	0.7379	--	0.7506	0.2654	0.7485	0.5491	0.5892
71.3	0.5624	0.7019	--	0.7547	0.2762	0.7068	0.5636	0.5878
71.4	0.5676	0.6719	--	0.7375	0.2005	0.6883	0.6220	0.6541
71.5	0.5634	0.7693	--	0.7307	0.3396	0.7774	0.6872	0.5970
71.6	0.5614	0.7268	--	0.6844	0.3799	0.7392	0.6956	0.6773
71.7	0.6516	0.8099	--	0.7472	0.2836	0.8012	0.7736	0.7419
71.8	0.7559	0.8472	--	0.7768	0.4533	0.8618	0.7326	0.7732
71.9	0.7402	0.8365	--	0.7580	0.4575	0.8248	0.7200	0.7763
72.0	0.7478	0.8240	--	0.7240	0.5334	0.7831	0.7234	0.7675
72.1	0.7885	0.8318	--	0.7658	0.5594	0.8199	0.7347	0.7550
72.2	0.8271	0.8255	--	0.7918	0.6482	0.8130	0.7420	0.7405
72.3	0.8358	0.8248	--	0.7317	0.6223	0.7899	0.7267	0.6844
72.4	0.8007	0.8219	--	0.7499	0.6583	0.8088	0.7363	0.7531
72.5	0.7630	0.7658	--	0.7227	0.6242	0.7993	0.7279	0.7268
72.6	0.8115	0.7921	--	0.7748	0.6057	0.8189	0.7653	0.7536
72.7	0.8284	0.8336	--	0.7697	0.6425	0.8544	0.7907	0.7872
72.8	0.8687	0.9006	--	0.8122	0.7728	0.8587	0.8076	0.8457
72.9	0.9101	0.8942	--	0.8596	0.7772	0.8673	0.8261	0.8460
73.0	0.8819	0.8970	--	0.8336	0.7524	0.8763	0.8381	0.7976
73.1	0.8826	0.8977	--	0.8462	0.7498	0.8725	0.8460	0.8320
73.2	0.8824	0.9201	--	0.8483	0.7879	0.8719	0.8535	0.8223
73.3	0.8959	0.9105	--	0.8382	0.8064	0.8803	0.8491	0.8228
73.4	0.8756	0.8800	--	0.8188	0.8145	0.8041	0.7945	0.8322
73.5	0.8813	0.8845	--	0.8464	0.7887	0.8049	0.8231	0.8472
73.6	0.8966	0.8999	--	0.8642	0.8227	0.8590	0.8375	0.8179
73.7	0.9059	0.8963	--	0.8602	0.8329	0.8522	0.8226	0.8119
73.8	0.9199	0.9083	--	0.8747	0.8456	0.8443	0.8412	0.8351
73.9	0.9217	0.9252	--	0.8773	0.8700	0.8946	0.8597	0.8257
74.0	0.9307	0.9232	--	0.8809	0.8902	0.8693	0.8649	0.8150
74.1	0.9380	0.9213	--	0.9004	0.8789	0.8603	0.8888	0.8344
74.2	0.9375	0.9288	--	0.8887	0.8814	0.8517	0.8847	0.8611
74.3	0.9224	0.9302	--	0.8949	0.8797	0.8556	0.9037	0.8585
74.4	0.9341	0.9322	--	0.9097	0.9201	0.8583	0.9140	0.8881
74.5	0.9287	0.9156	--	0.8917	0.8994	0.8118	0.8836	0.8553
74.6	0.9290	0.8965	--	0.8795	0.8786	0.8023	0.8724	0.8145
74.7	0.9373	0.9199	--	0.8715	0.8777	0.8175	0.8966	0.8291
74.8	0.9286	0.9185	--	0.8490	0.8624	0.7817	0.8825	0.8137
74.9	0.9208	0.9175	--	0.8769	0.8783	0.7999	0.8739	0.8424
75.0	0.9223	0.9170	--	0.8954	0.8945	0.8246	0.8854	0.8682
75.1	0.9221	0.9106	--	0.8670	0.8812	0.7646	0.8754	0.8375
75.2	0.9313	0.9011	--	0.8528	0.8840	0.6914	0.8727	0.8141
75.3	0.9538	0.9283	--	0.9092	0.9077	0.7997	0.9176	0.8770
75.4	0.9539	0.9438	--	0.9200	0.9085	0.7910	0.9336	0.9003
75.5	0.9478	0.9388	--	0.9001	0.9052	0.7260	0.9226	0.8718
75.6	0.9380	0.9206	--	0.8968	0.9004	0.7874	0.9011	0.8736
75.7	0.9484	0.9420	--	0.9308	0.9210	0.7727	0.9252	0.9049
75.8	0.9545	0.9486	--	0.9340	0.9432	0.7682	0.9279	0.9177
75.9	0.9389	0.9216	--	0.9198	0.9123	0.7562	0.9029	0.8876
76.0	0.9422	0.9147	--	0.8914	0.8816	0.6318	0.8930	0.8492
76.1	0.9634	0.9447	--	0.9045	0.9126	0.6165	0.9172	0.8971
76.2	0.9532	0.9469	--	0.9179	0.9298	0.6834	0.9307	0.9205
76.3	0.9459	0.9395	--	0.9176	0.9258	0.7135	0.9239	0.9143
76.4	0.9578	0.9459	--	0.9449	0.9295	0.7697	0.9274	0.9290
76.5	0.9364	0.9392	--	0.9449	0.9363	0.8123	0.9195	0.9319
76.6	0.9322	0.9314	--	0.9336	0.9273	0.7679	0.9247	0.9278
76.7	0.9568	0.9436	--	0.9434	0.9394	0.8070	0.9441	0.9426

76.8	0.9652	0.9546	--	0.9524	0.9452	0.8540	0.9496	0.9522
76.9	0.9665	0.9550	--	0.9595	0.9518	0.8823	0.9485	0.9542
77.0	0.9711	0.9553	--	0.9465	0.9401	0.8720	0.9409	0.9447
77.1	0.9611	0.9635	--	0.9504	0.9432	0.9040	0.9522	0.9555
77.2	0.9409	0.9428	--	0.9364	0.9252	0.8588	0.9331	0.9340
77.3	0.9271	0.9278	--	0.9101	0.9015	0.7952	0.9052	0.9126
77.4	0.9384	0.9340	--	0.9310	0.9218	0.8782	0.9033	0.9311
77.5	0.9518	0.9470	--	0.9410	0.9422	0.8944	0.9220	0.9529
77.6	0.9571	0.9458	--	0.9508	0.9259	0.8910	0.9388	0.9550
77.7	0.9675	0.9563	--	0.9603	0.9281	0.9232	0.9531	0.9603
77.8	0.9590	0.9466	--	0.9455	0.9307	0.9116	0.9453	0.9549
77.9	0.9577	0.9476	--	0.9578	0.9385	0.9287	0.9396	0.9606
78.0	0.9568	0.9543	--	0.9485	0.9398	0.9256	0.9455	0.9637
78.1	0.9606	0.9629	--	0.9554	0.9475	0.9490	0.9545	0.9681
78.2	0.9592	0.9573	--	0.9578	0.9380	0.9440	0.9510	0.9620
78.3	0.9501	0.9359	--	0.9478	0.9039	0.9408	0.9282	0.9479
78.4	0.9431	0.9296	--	0.9503	0.9118	0.9411	0.9164	0.9483
78.5	0.9385	0.9359	--	0.9604	0.9319	0.9410	0.9298	0.9558
78.6	0.9377	0.9225	--	0.9567	0.9164	0.9407	0.9246	0.9555
78.7	0.9454	0.9252	--	0.9627	0.9239	0.9411	0.9400	0.9652
78.8	0.9295	0.9336	--	0.9574	0.9240	0.9482	0.9373	0.9608
78.9	0.9362	0.9173	--	0.9532	0.8831	0.9482	0.9293	0.9532
79.0	0.9182	0.8940	--	0.9425	0.8843	0.9301	0.9231	0.9457
79.1	0.8904	0.9034	--	0.9374	0.8834	0.9364	0.9091	0.9415
79.2	0.8737	0.9198	--	0.9452	0.8892	0.9470	0.8951	0.9336
79.3	0.9158	0.9638	--	0.9761	0.9325	0.9780	0.9383	0.9680
79.4	0.9288	0.9497	--	0.9748	0.9318	0.9702	0.9375	0.9722
79.5	0.9153	0.9229	--	0.9693	0.9080	0.9638	0.9006	0.9546
79.6	0.9199	0.9336	--	0.9687	0.8811	0.9671	0.9087	0.9487
79.7	0.9206	0.9358	--	0.9684	0.8782	0.9623	0.9114	0.9509
79.8	0.9202	0.9380	--	0.9687	0.8891	0.9648	0.9059	0.9574
79.9	0.9365	0.9400	--	0.9727	0.9064	0.9708	0.9163	0.9641
80.0	0.9417	0.9415	--	0.9717	0.9091	0.9722	0.9198	0.9639

2.2.112 Run 11 – IP000NVP – Accels 25–32

In-plane shaking at 0° with no vertical shake plate. Accelerometers 25–32.

f (Hz)	acc25	acc26	acc27	acc28	acc29	acc30	acc31	acc32
0.0	0.8671	0.9848	0.9714	0.9690	0.6487	0.8132	0.7624	0.7097
0.1	0.6073	0.9445	0.8818	0.8921	0.3348	0.5312	0.6022	0.4257
0.2	0.0006	0.0288	0.0256	0.0145	0.0060	0.0067	0.0444	0.0763
0.3	0.0061	0.0079	0.0108	0.0185	0.0044	0.0116	0.0035	0.0151
0.4	0.0458	0.0149	0.0231	0.0162	0.0083	0.0039	0.0160	0.0022
0.5	0.0247	0.0046	0.0280	0.0243	0.0014	0.0031	0.0100	0.0371
0.6	0.0542	0.0826	0.0180	0.0357	0.0038	0.0311	0.0122	0.0203
0.7	0.0108	0.1404	0.2334	0.0099	0.0163	0.0036	0.0084	0.0180
0.8	0.0361	0.1630	0.3650	0.0069	0.0300	0.0041	0.0043	0.0025
0.9	0.0048	0.1507	0.1908	0.0044	0.0199	0.0139	0.0092	0.0096
1.0	0.0213	0.2336	0.2032	0.0042	0.0042	0.0052	0.0302	0.0068
1.1	0.0162	0.5646	0.4757	0.0086	0.0171	0.0068	0.1228	0.0284
1.2	0.0323	0.7591	0.4673	0.0895	0.0786	0.0107	0.2317	0.0567
1.3	0.1007	0.8499	0.2338	0.2093	0.0605	0.0168	0.2102	0.0985
1.4	0.0752	0.9252	0.5014	0.3998	0.0540	0.0963	0.2696	0.0619
1.5	0.2975	0.9129	0.2409	0.5163	0.1327	0.1122	0.6308	0.0612
1.6	0.6531	0.9725	0.5059	0.7603	0.4832	0.1564	0.9071	0.1083
1.7	0.8229	0.9758	0.8399	0.8907	0.7930	0.2990	0.9563	0.1942
1.8	0.9459	0.9791	0.9712	0.9630	0.9420	0.6918	0.9740	0.6851
1.9	0.9617	0.9556	0.9923	0.9597	0.9302	0.7909	0.9553	0.8289
2.0	0.9667	0.9656	0.9932	0.9694	0.9574	0.8424	0.9661	0.8722
2.1	0.9224	0.9172	0.9775	0.9325	0.8988	0.6785	0.9210	0.7445
2.2	0.8082	0.7786	0.9010	0.8012	0.7678	0.5443	0.7709	0.6302
2.3	0.2566	0.2254	0.3390	0.2344	0.2186	0.1727	0.2190	0.1655
2.4	0.7013	0.7627	0.5685	0.7353	0.7599	0.4914	0.7705	0.7879
2.5	0.8373	0.9468	0.7235	0.9215	0.9516	0.6543	0.9494	0.8945
2.6	0.8816	0.9740	0.6796	0.9516	0.9736	0.7314	0.9760	0.9296
2.7	0.8106	0.9804	0.4721	0.9457	0.9788	0.8101	0.9835	0.9462
2.8	0.8259	0.9936	0.4773	0.9683	0.9932	0.8844	0.9947	0.9691
2.9	0.6614	0.9959	0.5398	0.9698	0.9947	0.8983	0.9965	0.9697
3.0	0.5107	0.9975	0.5829	0.9724	0.9968	0.8901	0.9978	0.9760
3.1	0.7136	0.9976	0.6699	0.9493	0.9962	0.8802	0.9980	0.9770
3.2	0.9048	0.9986	0.6897	0.9210	0.9967	0.8862	0.9984	0.9760
3.3	0.9252	0.9985	0.7033	0.8403	0.9961	0.8968	0.9980	0.9661
3.4	0.9683	0.9992	0.8021	0.6206	0.9967	0.8861	0.9986	0.9685
3.5	0.9832	0.9993	0.8260	0.6412	0.9976	0.9065	0.9990	0.9787
3.6	0.9834	0.9994	0.8031	0.7779	0.9982	0.8923	0.9992	0.9787
3.7	0.9839	0.9993	0.8045	0.8270	0.9972	0.8826	0.9985	0.9721
3.8	0.9861	0.9994	0.8467	0.9193	0.9956	0.8666	0.9968	0.9681
3.9	0.9892	0.9994	0.8595	0.9484	0.9947	0.8506	0.9950	0.9618
4.0	0.9917	0.9995	0.8426	0.9689	0.9919	0.8426	0.9911	0.9628
4.1	0.9922	0.9994	0.8396	0.9736	0.9903	0.8849	0.9900	0.9704
4.2	0.9928	0.9993	0.7648	0.9692	0.9885	0.8696	0.9877	0.9594
4.3	0.9914	0.9992	0.7846	0.9808	0.9882	0.8569	0.9843	0.9467
4.4	0.9935	0.9992	0.8028	0.9854	0.9916	0.8301	0.9897	0.9458
4.5	0.9950	0.9991	0.8175	0.9845	0.9882	0.7181	0.9870	0.9122
4.6	0.9933	0.9989	0.7967	0.9838	0.9846	0.6889	0.9820	0.9123
4.7	0.9915	0.9985	0.7659	0.9846	0.9753	0.6853	0.9683	0.9089
4.8	0.9944	0.9985	0.8033	0.9906	0.9795	0.8188	0.9723	0.9335
4.9	0.9949	0.9987	0.7838	0.9906	0.9809	0.8568	0.9747	0.9363
5.0	0.9954	0.9986	0.7893	0.9927	0.9780	0.8303	0.9736	0.9319
5.1	0.9929	0.9979	0.8003	0.9891	0.9637	0.8072	0.9559	0.9147
5.2	0.9955	0.9975	0.8158	0.9926	0.9770	0.8523	0.9710	0.9449
5.3	0.9961	0.9973	0.8067	0.9941	0.9778	0.7918	0.9716	0.9285
5.4	0.9957	0.9967	0.8422	0.9950	0.9780	0.8179	0.9713	0.9346
5.5	0.9940	0.9951	0.7741	0.9922	0.9717	0.8356	0.9618	0.9265
5.6	0.9966	0.9964	0.7902	0.9957	0.9818	0.8470	0.9752	0.9371
5.7	0.9963	0.9971	0.7970	0.9951	0.9717	0.8933	0.9695	0.9449
5.8	0.9961	0.9957	0.7766	0.9953	0.9577	0.8573	0.9506	0.9143
5.9	0.9964	0.9968	0.7114	0.9968	0.9697	0.8770	0.9650	0.9403
6.0	0.9967	0.9969	0.7358	0.9963	0.9745	0.8692	0.9744	0.9324
6.1	0.9975	0.9975	0.7429	0.9972	0.9778	0.8633	0.9776	0.9247
6.2	0.9968	0.9977	0.7551	0.9971	0.9835	0.8841	0.9832	0.9363
6.3	0.9947	0.9978	0.7282	0.9955	0.9802	0.8543	0.9801	0.9275
6.4	0.9931	0.9977	0.7182	0.9953	0.9876	0.7235	0.9817	0.8664
6.5	0.9913	0.9976	0.7014	0.9975	0.9851	0.6862	0.9831	0.8552
6.6	0.9885	0.9972	0.5933	0.9958	0.9837	0.6899	0.9867	0.8560
6.7	0.9837	0.9977	0.6061	0.9966	0.9808	0.6589	0.9875	0.8431
6.8	0.9313	0.9964	0.5680	0.9952	0.9731	0.6598	0.9736	0.8247
6.9	0.8391	0.9944	0.6670	0.9965	0.9732	0.7726	0.9751	0.8919
7.0	0.7790	0.9856	0.6615	0.9965	0.9313	0.7444	0.9420	0.8816
7.1	0.8679	0.9749	0.6947	0.9972	0.8838	0.6507	0.8727	0.7867
7.2	0.9123	0.9657	0.7648	0.9921	0.8070	0.6532	0.7650	0.7422
7.3	0.9610	0.9700	0.7444	0.9885	0.7228	0.4276	0.5980	0.5732
7.4	0.9596	0.9169	0.7471	0.9963	0.5495	0.3831	0.5058	0.4320
7.5	0.9869	0.9530	0.6818	0.9972	0.6433	0.5206	0.7688	0.5014
7.6	0.9969	0.9848	0.5144	0.9965	0.8029	0.6627	0.8934	0.2448
7.7	0.9982	0.9920	0.5584	0.9946	0.8150	0.6631	0.8547	0.0475
7.8	0.9977	0.9952	0.5411	0.9931	0.8491	0.5294	0.8641	0.0121
7.9	0.9983	0.9958	0.5779	0.9974	0.8553	0.5395	0.8581	0.1229

8.0	0.9978	0.9953	0.5421	0.9959	0.8805	0.4855	0.8808	0.3252
8.1	0.9989	0.9968	0.3761	0.9978	0.9348	0.2986	0.9350	0.4667
8.2	0.9977	0.9971	0.1674	0.9967	0.9335	0.2018	0.9341	0.6869
8.3	0.9980	0.9976	0.2394	0.9969	0.9641	0.3910	0.9616	0.8133
8.4	0.9969	0.9972	0.4393	0.9948	0.9668	0.3012	0.9640	0.8014
8.5	0.9960	0.9970	0.4181	0.9940	0.9672	0.3384	0.9657	0.7507
8.6	0.9945	0.9971	0.4834	0.9925	0.9738	0.5146	0.9739	0.6808
8.7	0.9898	0.9945	0.5474	0.9861	0.9699	0.5985	0.9741	0.5361
8.8	0.9883	0.9939	0.5055	0.9848	0.9759	0.5828	0.9843	0.3943
8.9	0.9853	0.9922	0.2166	0.9821	0.9808	0.3874	0.9719	0.2564
9.0	0.9717	0.9822	0.3516	0.9635	0.9728	0.3863	0.9351	0.5346
9.1	0.9733	0.9841	0.6694	0.9691	0.9700	0.4559	0.9571	0.5699
9.2	0.9436	0.9616	0.7257	0.9393	0.9372	0.6749	0.9453	0.5392
9.3	0.9452	0.9560	0.8373	0.9439	0.9384	0.7909	0.9368	0.6721
9.4	0.9622	0.9627	0.9016	0.9625	0.9552	0.7233	0.9549	0.3872
9.5	0.9336	0.9195	0.8751	0.9372	0.9188	0.2890	0.9172	0.3288
9.6	0.9703	0.9538	0.9034	0.9730	0.9636	0.1179	0.9649	0.6532
9.7	0.9781	0.9557	0.9084	0.9808	0.9728	0.5296	0.9717	0.7887
9.8	0.9901	0.9755	0.9197	0.9916	0.9855	0.7089	0.9846	0.7839
9.9	0.9887	0.9568	0.8696	0.9911	0.9794	0.5740	0.9791	0.6184
10.0	0.9951	0.9719	0.7874	0.9963	0.9839	0.5537	0.9851	0.3801
10.1	0.9930	0.9403	0.7522	0.9950	0.9749	0.6296	0.9744	0.5482
10.2	0.9960	0.9221	0.8203	0.9972	0.9767	0.7554	0.9682	0.6283
10.3	0.9981	0.9317	0.7669	0.9986	0.9583	0.7558	0.9437	0.5488
10.4	0.9987	0.8991	0.6475	0.9989	0.9504	0.8195	0.9408	0.3669
10.5	0.9990	0.9139	0.7745	0.9992	0.9627	0.7837	0.9654	0.3001
10.6	0.9979	0.8977	0.7175	0.9987	0.9553	0.7007	0.9605	0.3414
10.7	0.9979	0.9278	0.7245	0.9986	0.9559	0.7503	0.9654	0.3680
10.8	0.9980	0.9432	0.7546	0.9989	0.9574	0.5821	0.9717	0.1709
10.9	0.9991	0.9528	0.7335	0.9995	0.9703	0.4810	0.9724	0.0479
11.0	0.9988	0.9681	0.7311	0.9994	0.9695	0.5479	0.9625	0.1159
11.1	0.9990	0.9738	0.7337	0.9994	0.9676	0.5565	0.9558	0.2117
11.2	0.9992	0.9766	0.6443	0.9995	0.9759	0.4597	0.9658	0.2368
11.3	0.9993	0.9711	0.5424	0.9994	0.9797	0.2997	0.9710	0.1349
11.4	0.9991	0.9825	0.5823	0.9995	0.9842	0.2324	0.9782	0.0841
11.5	0.9991	0.9865	0.6619	0.9995	0.9851	0.0850	0.9830	0.0180
11.6	0.9992	0.9862	0.7352	0.9993	0.9879	0.1366	0.9866	0.0134
11.7	0.9992	0.9866	0.6966	0.9995	0.9880	0.2738	0.9839	0.0029
11.8	0.9988	0.9874	0.6342	0.9993	0.9830	0.1733	0.9695	0.0123
11.9	0.9992	0.9910	0.7118	0.9994	0.9826	0.1366	0.9687	0.0884
12.0	0.9993	0.9934	0.7153	0.9995	0.9848	0.3119	0.9776	0.0376
12.1	0.9987	0.9921	0.7141	0.9994	0.9805	0.4777	0.9723	0.0100
12.2	0.9992	0.9929	0.7876	0.9994	0.9796	0.6048	0.9690	0.0496
12.3	0.9992	0.9938	0.8900	0.9993	0.9779	0.6141	0.9674	0.0849
12.4	0.9991	0.9940	0.8842	0.9991	0.9759	0.6273	0.9710	0.2855
12.5	0.9988	0.9950	0.8479	0.9984	0.9657	0.6746	0.9618	0.3832
12.6	0.9988	0.9945	0.8616	0.9984	0.9576	0.6864	0.9610	0.3636
12.7	0.9985	0.9939	0.8567	0.9982	0.9669	0.6336	0.9670	0.5585
12.8	0.9986	0.9952	0.8533	0.9985	0.9782	0.7186	0.9685	0.6917
12.9	0.9981	0.9953	0.8499	0.9984	0.9798	0.5357	0.9627	0.6226
13.0	0.9975	0.9940	0.8031	0.9975	0.9569	0.4067	0.9466	0.5997
13.1	0.9950	0.9900	0.8010	0.9964	0.9289	0.4463	0.9024	0.6175
13.2	0.9940	0.9887	0.8426	0.9955	0.9384	0.5060	0.9249	0.6441
13.3	0.9924	0.9856	0.8327	0.9952	0.9401	0.5289	0.9252	0.6791
13.4	0.9944	0.9896	0.8583	0.9960	0.9492	0.6814	0.9456	0.7142
13.5	0.9950	0.9903	0.8536	0.9959	0.9351	0.6400	0.9101	0.6691
13.6	0.9940	0.9876	0.7747	0.9953	0.9352	0.4941	0.8818	0.5712
13.7	0.9952	0.9916	0.7212	0.9969	0.9509	0.4189	0.9042	0.5413
13.8	0.9948	0.9911	0.6756	0.9969	0.9479	0.4801	0.9195	0.6446
13.9	0.9922	0.9859	0.5709	0.9959	0.9312	0.4417	0.8898	0.6198
14.0	0.9945	0.9877	0.5588	0.9970	0.9521	0.4561	0.9202	0.6656
14.1	0.9950	0.9881	0.5570	0.9970	0.9489	0.5589	0.9390	0.6763
14.2	0.9935	0.9861	0.6074	0.9968	0.9469	0.6632	0.9260	0.7346
14.3	0.9931	0.9878	0.4984	0.9978	0.9532	0.7254	0.9246	0.7925
14.4	0.9945	0.9920	0.2865	0.9987	0.9520	0.7305	0.9482	0.8023
14.5	0.9936	0.9924	0.1063	0.9990	0.9601	0.7662	0.9652	0.8070
14.6	0.9894	0.9930	0.1190	0.9986	0.9525	0.7094	0.9422	0.7412
14.7	0.9908	0.9951	0.3431	0.9989	0.9579	0.7843	0.9555	0.8160
14.8	0.9902	0.9955	0.4901	0.9992	0.9634	0.8470	0.9685	0.8566
14.9	0.9883	0.9944	0.6140	0.9989	0.9600	0.8276	0.9600	0.8271
15.0	0.9900	0.9938	0.5990	0.9982	0.9538	0.8411	0.9498	0.8199
15.1	0.9940	0.9958	0.7037	0.9990	0.9649	0.8571	0.9747	0.8332
15.2	0.9963	0.9965	0.7721	0.9992	0.9694	0.8868	0.9772	0.8517
15.3	0.9957	0.9956	0.7599	0.9988	0.9599	0.8623	0.9616	0.7951
15.4	0.9957	0.9942	0.7729	0.9985	0.9548	0.8105	0.9587	0.7337
15.5	0.9962	0.9954	0.8079	0.9982	0.9429	0.7708	0.9398	0.7013
15.6	0.9952	0.9952	0.8413	0.9973	0.9139	0.8191	0.9234	0.7239
15.7	0.9935	0.9959	0.8900	0.9975	0.9166	0.8200	0.9250	0.7119
15.8	0.9929	0.9954	0.8619	0.9977	0.9298	0.8026	0.9400	0.6946
15.9	0.9945	0.9960	0.8917	0.9980	0.9495	0.8714	0.9579	0.7780
16.0	0.9938	0.9964	0.9005	0.9968	0.9457	0.8884	0.9562	0.7977
16.1	0.9948	0.9959	0.9068	0.9968	0.9440	0.8544	0.9533	0.7413
16.2	0.9930	0.9937	0.9185	0.9958	0.9238	0.8318	0.9330	0.7397
16.3	0.9895	0.9937	0.9008	0.9952	0.9096	0.7946	0.9295	0.7138
16.4	0.9867	0.9944	0.8819	0.9971	0.9289	0.7560	0.9410	0.5912
16.5	0.9905	0.9967	0.9223	0.9979	0.9393	0.8354	0.9513	0.7528

16.6	0.9913	0.9962	0.9061	0.9974	0.9323	0.8685	0.9397	0.7994
16.7	0.9900	0.9950	0.9095	0.9970	0.9176	0.8946	0.9164	0.8047
16.8	0.9917	0.9957	0.9178	0.9958	0.8772	0.8243	0.8619	0.5965
16.9	0.9920	0.9935	0.9237	0.9950	0.8546	0.7859	0.8859	0.5068
17.0	0.9857	0.9939	0.9175	0.9865	0.6908	0.7469	0.7333	0.7345
17.1	0.9888	0.9954	0.8848	0.9914	0.8610	0.8446	0.8064	0.7040
17.2	0.9930	0.9940	0.8548	0.9970	0.8878	0.8315	0.7756	0.5490
17.3	0.9941	0.9956	0.8778	0.9959	0.9244	0.8577	0.7365	0.5220
17.4	0.9941	0.9951	0.9032	0.9941	0.9311	0.8547	0.8586	0.2558
17.5	0.9934	0.9930	0.8952	0.9948	0.9300	0.8712	0.9117	0.4762
17.6	0.9924	0.9918	0.8667	0.9945	0.9362	0.9203	0.9489	0.5205
17.7	0.9913	0.9931	0.8683	0.9936	0.9240	0.9107	0.9333	0.2669
17.8	0.9914	0.9928	0.8608	0.9925	0.9000	0.8662	0.9010	0.1536
17.9	0.9934	0.9942	0.8922	0.9947	0.9293	0.8926	0.9163	0.4085
18.0	0.9946	0.9942	0.8700	0.9937	0.9280	0.8896	0.9192	0.4553
18.1	0.9938	0.9938	0.8535	0.9930	0.8906	0.8698	0.8649	0.4949
18.2	0.9930	0.9929	0.8786	0.9907	0.8837	0.9097	0.8624	0.5697
18.3	0.9911	0.9946	0.8737	0.9921	0.8878	0.9166	0.8760	0.5514
18.4	0.9841	0.9935	0.8874	0.9885	0.9042	0.9075	0.8920	0.4964
18.5	0.9417	0.9931	0.8949	0.9792	0.9366	0.9049	0.9257	0.5716
18.6	0.8043	0.9872	0.8193	0.9023	0.8601	0.8489	0.9178	0.6464
18.7	0.9407	0.9897	0.8356	0.9539	0.8484	0.8688	0.8980	0.7627
18.8	0.9821	0.9934	0.8585	0.9836	0.8670	0.8795	0.8797	0.6443
18.9	0.9903	0.9949	0.8646	0.9896	0.8868	0.8957	0.9124	0.5673
19.0	0.9930	0.9965	0.9008	0.9921	0.9287	0.9362	0.9326	0.6086
19.1	0.9939	0.9949	0.8998	0.9936	0.9530	0.9386	0.9491	0.5116
19.2	0.9937	0.9938	0.9003	0.9931	0.9637	0.9334	0.9524	0.3407
19.3	0.9954	0.9950	0.9262	0.9936	0.9537	0.9151	0.9665	0.1298
19.4	0.9935	0.9906	0.9063	0.9903	0.9464	0.9071	0.9528	0.0943
19.5	0.9962	0.9938	0.9226	0.9913	0.9656	0.9264	0.9725	0.2302
19.6	0.9967	0.9925	0.9199	0.9921	0.9599	0.9282	0.9733	0.4725
19.7	0.9958	0.9907	0.9043	0.9890	0.9650	0.9389	0.9672	0.6675
19.8	0.9977	0.9910	0.9315	0.9921	0.9758	0.9576	0.9783	0.7508
19.9	0.9974	0.9889	0.9164	0.9893	0.9740	0.9555	0.9789	0.7265
20.0	0.9979	0.9819	0.8833	0.9894	0.9734	0.9589	0.9841	0.7512
20.1	0.9974	0.9764	0.8572	0.9897	0.9654	0.9463	0.9802	0.6622
20.2	0.9956	0.9610	0.7381	0.9885	0.9604	0.9518	0.9693	0.6711
20.3	0.9957	0.9607	0.6551	0.9856	0.9611	0.9450	0.9691	0.7021
20.4	0.9952	0.9518	0.6862	0.9829	0.9618	0.9436	0.9676	0.7652
20.5	0.9956	0.9290	0.5923	0.9795	0.9648	0.9579	0.9682	0.8560
20.6	0.9942	0.9134	0.4679	0.9770	0.9527	0.9395	0.9691	0.8209
20.7	0.9917	0.9072	0.4313	0.9581	0.9201	0.9203	0.9617	0.7968
20.8	0.9930	0.9244	0.5816	0.9374	0.9185	0.9305	0.9582	0.8277
20.9	0.9921	0.9582	0.6726	0.9353	0.9014	0.9549	0.9760	0.8975
21.0	0.9936	0.9692	0.5873	0.8901	0.9214	0.9620	0.9754	0.8991
21.1	0.9934	0.9784	0.5047	0.8334	0.8836	0.9590	0.9715	0.8791
21.2	0.9945	0.9847	0.3635	0.6913	0.8748	0.9640	0.9710	0.8894
21.3	0.9951	0.9902	0.3241	0.5127	0.8640	0.9638	0.9704	0.8966
21.4	0.9939	0.9933	0.3329	0.2732	0.8332	0.9584	0.9658	0.8841
21.5	0.9953	0.9918	0.4485	0.4120	0.8563	0.9698	0.9657	0.9077
21.6	0.9949	0.9931	0.1806	0.4301	0.7547	0.9530	0.9399	0.8598
21.7	0.9932	0.9944	0.2183	0.6961	0.5496	0.9309	0.9176	0.7991
21.8	0.9931	0.9938	0.2981	0.7082	0.6042	0.9104	0.8706	0.7831
21.9	0.9944	0.9943	0.3479	0.8322	0.6853	0.9100	0.8261	0.8140
22.0	0.9957	0.9949	0.3908	0.9053	0.7640	0.8946	0.7920	0.7802
22.1	0.9963	0.9937	0.4209	0.9349	0.8111	0.8944	0.7965	0.7959
22.2	0.9962	0.9931	0.5527	0.9537	0.8714	0.8886	0.7652	0.7668
22.3	0.9962	0.9955	0.5748	0.9625	0.9169	0.9185	0.7872	0.8281
22.4	0.9975	0.9969	0.6379	0.9753	0.9410	0.9157	0.7927	0.8633
22.5	0.9973	0.9958	0.5926	0.9713	0.9326	0.8663	0.7416	0.7897
22.6	0.9973	0.9965	0.5716	0.9810	0.9510	0.8293	0.7076	0.7556
22.7	0.9976	0.9955	0.6415	0.9787	0.9572	0.8131	0.7732	0.7566
22.8	0.9979	0.9959	0.6761	0.9829	0.9507	0.8442	0.8642	0.5597
22.9	0.9980	0.9957	0.6161	0.9796	0.9391	0.8249	0.8280	0.3402
23.0	0.9971	0.9971	0.6078	0.9841	0.9451	0.8000	0.7739	0.4886
23.1	0.9976	0.9971	0.5968	0.9887	0.9502	0.8429	0.7983	0.3927
23.2	0.9981	0.9957	0.5324	0.9880	0.9435	0.9012	0.8209	0.5748
23.3	0.9983	0.9959	0.5665	0.9893	0.9210	0.8650	0.7723	0.6403
23.4	0.9972	0.9964	0.4995	0.9844	0.9121	0.8466	0.7506	0.6260
23.5	0.9960	0.9952	0.3324	0.9779	0.8892	0.8567	0.7753	0.5594
23.6	0.9954	0.9943	0.2360	0.9697	0.8430	0.8554	0.7674	0.4479
23.7	0.9951	0.9954	0.3800	0.9786	0.8436	0.8956	0.7834	0.5088
23.8	0.9954	0.9931	0.4401	0.9743	0.8203	0.8770	0.7698	0.5072
23.9	0.9942	0.9938	0.4417	0.9716	0.8353	0.9005	0.7360	0.3679
24.0	0.9936	0.9953	0.7395	0.9818	0.8245	0.9253	0.7008	0.3302
24.1	0.9941	0.9959	0.8229	0.9831	0.7080	0.9476	0.6962	0.3694
24.2	0.9941	0.9949	0.8125	0.9761	0.6078	0.9484	0.4422	0.5687
24.3	0.9917	0.9956	0.7906	0.9660	0.3451	0.9479	0.0826	0.6956
24.4	0.9911	0.9935	0.8506	0.9634	0.3211	0.9526	0.2538	0.8202
24.5	0.9867	0.9927	0.8371	0.9606	0.5822	0.9333	0.5898	0.8455
24.6	0.9902	0.9958	0.9183	0.9730	0.8192	0.9590	0.7970	0.8712
24.7	0.9886	0.9936	0.9164	0.9727	0.7298	0.9620	0.8720	0.9066
24.8	0.9935	0.9949	0.9517	0.9874	0.8441	0.9729	0.9486	0.9356
24.9	0.9912	0.9940	0.9561	0.9866	0.8405	0.9710	0.9236	0.9314
25.0	0.9882	0.9902	0.9532	0.9837	0.8312	0.9624	0.9216	0.9095
25.1	0.9870	0.9889	0.9462	0.9826	0.7909	0.9536	0.9452	0.9213

25.2	0.9889	0.9914	0.9472	0.9840	0.6813	0.9274	0.9595	0.9187
25.3	0.9861	0.9903	0.9517	0.9887	0.6328	0.8617	0.9428	0.8750
25.4	0.9870	0.9935	0.9591	0.9884	0.7211	0.8647	0.9507	0.8860
25.5	0.9872	0.9936	0.9640	0.9857	0.7717	0.9030	0.9534	0.8855
25.6	0.9874	0.9931	0.9604	0.9841	0.8107	0.9325	0.9367	0.8493
25.7	0.9879	0.9919	0.9591	0.9809	0.8041	0.9481	0.9282	0.7979
25.8	0.9901	0.9904	0.9501	0.9805	0.7883	0.9354	0.9069	0.7192
25.9	0.9900	0.9911	0.9447	0.9827	0.6492	0.9189	0.8437	0.3688
26.0	0.9895	0.9958	0.9612	0.9907	0.7243	0.9681	0.9421	0.1547
26.1	0.9897	0.9949	0.9564	0.9876	0.5049	0.9807	0.9475	0.3063
26.2	0.9916	0.9938	0.9604	0.9895	0.6439	0.9824	0.9540	0.6764
26.3	0.9907	0.9953	0.9619	0.9901	0.8453	0.9830	0.9505	0.7655
26.4	0.9892	0.9946	0.9617	0.9869	0.8890	0.9791	0.9488	0.8049
26.5	0.9912	0.9958	0.9650	0.9898	0.9263	0.9774	0.9622	0.8738
26.6	0.9955	0.9968	0.9734	0.9946	0.9445	0.9803	0.9692	0.9384
26.7	0.9916	0.9958	0.9641	0.9904	0.9439	0.9761	0.9499	0.9227
26.8	0.9909	0.9969	0.9634	0.9909	0.9499	0.9742	0.9333	0.9260
26.9	0.9882	0.9959	0.9430	0.9875	0.9374	0.9722	0.8834	0.9312
27.0	0.9922	0.9969	0.9648	0.9927	0.9587	0.9786	0.9082	0.9518
27.1	0.9898	0.9964	0.9419	0.9893	0.9400	0.9650	0.8494	0.9450
27.2	0.9876	0.9970	0.9238	0.9880	0.9316	0.9521	0.8451	0.9591
27.3	0.9904	0.9977	0.9337	0.9906	0.9243	0.9582	0.8365	0.9627
27.4	0.9924	0.9973	0.9570	0.9911	0.8991	0.9468	0.8964	0.9597
27.5	0.9894	0.9972	0.9626	0.9907	0.9149	0.9388	0.9147	0.9683
27.6	0.9866	0.9976	0.9718	0.9847	0.8618	0.8906	0.9282	0.9590
27.7	0.9930	0.9982	0.9812	0.9885	0.8501	0.8548	0.9427	0.9694
27.8	0.9887	0.9968	0.9738	0.9804	0.7348	0.8320	0.9483	0.9588
27.9	0.9878	0.9969	0.9810	0.9842	0.6315	0.8654	0.9580	0.9623
28.0	0.9873	0.9973	0.9897	0.9856	0.6574	0.9292	0.9731	0.9716
28.1	0.9863	0.9960	0.9850	0.9323	0.6133	0.9406	0.9591	0.9524
28.2	0.9922	0.9978	0.9916	0.8919	0.7406	0.9727	0.9799	0.9663
28.3	0.9936	0.9988	0.9932	0.9310	0.8384	0.9828	0.9848	0.9734
28.4	0.9944	0.9989	0.9887	0.9654	0.9074	0.9874	0.9875	0.9730
28.5	0.9943	0.9988	0.9863	0.9790	0.9295	0.9868	0.9892	0.9693
28.6	0.9931	0.9990	0.9881	0.9764	0.9455	0.9834	0.9803	0.9686
28.7	0.9949	0.9989	0.9865	0.9716	0.9415	0.9831	0.9750	0.9666
28.8	0.9950	0.9989	0.9874	0.9723	0.9625	0.9858	0.9807	0.9663
28.9	0.9955	0.9989	0.9882	0.9687	0.9621	0.9872	0.9790	0.9517
29.0	0.9965	0.9986	0.9840	0.9764	0.9722	0.9852	0.9794	0.9538
29.1	0.9971	0.9989	0.9857	0.9829	0.9811	0.9885	0.9804	0.9531
29.2	0.9967	0.9989	0.9868	0.9860	0.9853	0.9917	0.9817	0.9512
29.3	0.9967	0.9987	0.9849	0.9887	0.9844	0.9914	0.9774	0.9098
29.4	0.9967	0.9988	0.9903	0.9912	0.9866	0.9910	0.9786	0.8774
29.5	0.9968	0.9987	0.9910	0.9876	0.9866	0.9884	0.9670	0.8261
29.6	0.9978	0.9981	0.9849	0.9915	0.9806	0.9893	0.9522	0.7413
29.7	0.9976	0.9981	0.9837	0.9917	0.9787	0.9882	0.9459	0.6073
29.8	0.9974	0.9982	0.9901	0.9943	0.9858	0.9903	0.9580	0.4886
29.9	0.9946	0.9975	0.9908	0.9858	0.9763	0.9899	0.9124	0.1611
30.0	0.9961	0.9976	0.9861	0.9889	0.9822	0.9916	0.9146	0.3494
30.1	0.9975	0.9982	0.9846	0.9949	0.9880	0.9935	0.9519	0.6193
30.2	0.9976	0.9984	0.9883	0.9951	0.9885	0.9928	0.9367	0.7460
30.3	0.9982	0.9987	0.9894	0.9970	0.9931	0.9937	0.9417	0.8540
30.4	0.9981	0.9986	0.9899	0.9968	0.9923	0.9941	0.9231	0.9094
30.5	0.9982	0.9982	0.9902	0.9966	0.9879	0.9937	0.9140	0.9196
30.6	0.9979	0.9979	0.9892	0.9953	0.9888	0.9920	0.8657	0.9046
30.7	0.9983	0.9989	0.9922	0.9973	0.9954	0.9946	0.8468	0.9409
30.8	0.9977	0.9983	0.9869	0.9964	0.9908	0.9898	0.8004	0.9374
30.9	0.9983	0.9984	0.9897	0.9968	0.9888	0.9935	0.8209	0.9514
31.0	0.9985	0.9983	0.9884	0.9959	0.9879	0.9949	0.8256	0.9405
31.1	0.9982	0.9981	0.9880	0.9969	0.9910	0.9945	0.8332	0.9418
31.2	0.9978	0.9980	0.9890	0.9967	0.9910	0.9942	0.8679	0.9401
31.3	0.9980	0.9981	0.9840	0.9958	0.9869	0.9929	0.8888	0.9387
31.4	0.9981	0.9979	0.9820	0.9958	0.9838	0.9931	0.9100	0.9401
31.5	0.9976	0.9977	0.9742	0.9956	0.9809	0.9907	0.9283	0.9356
31.6	0.9974	0.9978	0.9622	0.9949	0.9761	0.9866	0.9460	0.9190
31.7	0.9976	0.9977	0.9673	0.9950	0.9783	0.9887	0.9481	0.9218
31.8	0.9969	0.9971	0.9469	0.9934	0.9766	0.9865	0.9400	0.9025
31.9	0.9974	0.9981	0.9605	0.9956	0.9817	0.9906	0.9652	0.8785
32.0	0.9973	0.9980	0.9546	0.9950	0.9767	0.9898	0.9722	0.8670
32.1	0.9968	0.9968	0.9450	0.9911	0.9746	0.9846	0.9691	0.8591
32.2	0.9969	0.9969	0.9276	0.9915	0.9744	0.9869	0.9778	0.8931
32.3	0.9971	0.9968	0.9019	0.9927	0.9736	0.9882	0.9812	0.9179
32.4	0.9958	0.9964	0.8380	0.9924	0.9635	0.9821	0.9726	0.9041
32.5	0.9928	0.9943	0.7301	0.9870	0.9216	0.9724	0.9539	0.8669
32.6	0.9926	0.9915	0.7759	0.9868	0.9120	0.9703	0.9649	0.8541
32.7	0.9928	0.9923	0.7847	0.9899	0.8987	0.9700	0.9741	0.8586
32.8	0.9931	0.9913	0.7218	0.9895	0.8861	0.9693	0.9664	0.8663
32.9	0.9944	0.9884	0.7144	0.9876	0.9082	0.9578	0.9550	0.8791
33.0	0.9933	0.9862	0.7141	0.9864	0.9121	0.9605	0.9631	0.8236
33.1	0.9868	0.9777	0.6045	0.9797	0.8300	0.9395	0.9615	0.6801
33.2	0.9824	0.9645	0.5022	0.9679	0.8164	0.9066	0.9475	0.5269
33.3	0.9821	0.9577	0.5599	0.9479	0.8447	0.9281	0.9446	0.5795
33.4	0.9809	0.9662	0.6568	0.9461	0.8776	0.9382	0.9246	0.7334
33.5	0.9822	0.9693	0.7863	0.9541	0.8983	0.9494	0.9163	0.8367
33.6	0.9693	0.9686	0.7898	0.9540	0.8753	0.9525	0.9334	0.8304
33.7	0.9486	0.9740	0.8015	0.9638	0.8810	0.9526	0.9367	0.8412

33.8	0.9011	0.9641	0.7511	0.9530	0.8915	0.9385	0.8986	0.8552
33.9	0.9105	0.9862	0.8832	0.9827	0.9246	0.9746	0.9555	0.8879
34.0	0.8246	0.9889	0.8585	0.9870	0.9228	0.9737	0.9658	0.8533
34.1	0.6422	0.9898	0.8723	0.9881	0.9475	0.9792	0.9682	0.8731
34.2	0.4538	0.9898	0.8689	0.9871	0.9532	0.9786	0.9692	0.8999
34.3	0.5605	0.9942	0.8946	0.9928	0.9744	0.9823	0.9701	0.9026
34.4	0.6340	0.9951	0.8975	0.9931	0.9728	0.9839	0.9737	0.9055
34.5	0.6986	0.9956	0.9049	0.9928	0.9748	0.9836	0.9737	0.9040
34.6	0.7024	0.9951	0.8626	0.9920	0.9746	0.9839	0.9685	0.8949
34.7	0.7292	0.9960	0.8308	0.9938	0.9769	0.9865	0.9682	0.9013
34.8	0.6170	0.9962	0.7704	0.9938	0.9774	0.9840	0.9659	0.9259
34.9	0.4687	0.9965	0.7642	0.9951	0.9832	0.9843	0.9748	0.9401
35.0	0.4076	0.9967	0.7211	0.9949	0.9836	0.9830	0.9778	0.9430
35.1	0.5587	0.9968	0.6981	0.9949	0.9865	0.9874	0.9782	0.9520
35.2	0.7642	0.9972	0.5878	0.9950	0.9891	0.9880	0.9781	0.9671
35.3	0.8810	0.9970	0.7353	0.9947	0.9885	0.9896	0.9799	0.9733
35.4	0.9251	0.9967	0.8663	0.9945	0.9843	0.9891	0.9818	0.9749
35.5	0.9486	0.9962	0.9136	0.9943	0.9868	0.9910	0.9854	0.9814
35.6	0.9650	0.9963	0.9495	0.9939	0.9882	0.9916	0.9846	0.9843
35.7	0.9722	0.9968	0.9590	0.9946	0.9874	0.9915	0.9846	0.9831
35.8	0.9656	0.9959	0.9512	0.9919	0.9758	0.9889	0.9781	0.9733
35.9	0.9750	0.9966	0.9708	0.9932	0.9778	0.9862	0.9787	0.9772
36.0	0.9849	0.9979	0.9821	0.9951	0.9844	0.9913	0.9865	0.9856
36.1	0.9807	0.9970	0.9765	0.9922	0.9764	0.9900	0.9832	0.9827
36.2	0.9820	0.9967	0.9746	0.9911	0.9755	0.9854	0.9788	0.9771
36.3	0.9885	0.9978	0.9825	0.9939	0.9762	0.9863	0.9812	0.9800
36.4	0.9870	0.9974	0.9813	0.9925	0.9705	0.9840	0.9772	0.9773
36.5	0.9837	0.9959	0.9804	0.9886	0.9706	0.9809	0.9726	0.9780
36.6	0.9864	0.9960	0.9854	0.9908	0.9752	0.9812	0.9811	0.9824
36.7	0.9868	0.9963	0.9855	0.9914	0.9729	0.9767	0.9782	0.9810
36.8	0.9904	0.9964	0.9891	0.9912	0.9702	0.9800	0.9809	0.9821
36.9	0.9890	0.9952	0.9903	0.9897	0.9576	0.9665	0.9776	0.9782
37.0	0.9923	0.9976	0.9917	0.9940	0.9648	0.9712	0.9850	0.9855
37.1	0.9888	0.9967	0.9866	0.9914	0.9555	0.9710	0.9724	0.9813
37.2	0.9895	0.9967	0.9890	0.9918	0.9539	0.9855	0.9822	0.9843
37.3	0.9904	0.9971	0.9890	0.9928	0.9478	0.9869	0.9747	0.9851
37.4	0.9853	0.9957	0.9859	0.9890	0.9382	0.9850	0.9675	0.9833
37.5	0.9899	0.9969	0.9894	0.9919	0.9499	0.9855	0.9685	0.9835
37.6	0.9933	0.9976	0.9923	0.9943	0.9600	0.9821	0.9719	0.9880
37.7	0.9923	0.9973	0.9885	0.9933	0.9451	0.9770	0.9555	0.9817
37.8	0.9892	0.9966	0.9857	0.9919	0.9349	0.9804	0.9591	0.9822
37.9	0.9888	0.9957	0.9839	0.9908	0.9125	0.9792	0.9613	0.9745
38.0	0.9905	0.9972	0.9844	0.9933	0.9191	0.9817	0.9682	0.9742
38.1	0.9894	0.9953	0.9812	0.9909	0.9079	0.9832	0.9668	0.9767
38.2	0.9907	0.9964	0.9860	0.9915	0.8820	0.9887	0.9713	0.9806
38.3	0.9890	0.9961	0.9847	0.9904	0.8364	0.9869	0.9672	0.9834
38.4	0.9907	0.9964	0.9834	0.9921	0.8398	0.9865	0.9737	0.9856
38.5	0.9913	0.9972	0.9851	0.9935	0.8782	0.9892	0.9827	0.9863
38.6	0.9897	0.9954	0.9781	0.9902	0.8863	0.9880	0.9816	0.9801
38.7	0.9863	0.9958	0.9649	0.9897	0.9002	0.9888	0.9792	0.9795
38.8	0.9878	0.9968	0.9646	0.9916	0.9253	0.9930	0.9845	0.9803
38.9	0.9898	0.9961	0.9526	0.9915	0.9426	0.9907	0.9850	0.9810
39.0	0.9930	0.9980	0.9400	0.9951	0.9635	0.9963	0.9897	0.9862
39.1	0.9942	0.9973	0.9013	0.9944	0.9665	0.9956	0.9900	0.9849
39.2	0.9926	0.9975	0.8153	0.9938	0.9712	0.9948	0.9903	0.9851
39.3	0.9889	0.9974	0.4361	0.9919	0.9709	0.9937	0.9874	0.9818
39.4	0.9893	0.9974	0.4604	0.9913	0.9779	0.9941	0.9883	0.9828
39.5	0.9906	0.9972	0.7732	0.9929	0.9747	0.9933	0.9852	0.9774
39.6	0.9881	0.9971	0.8572	0.9934	0.9740	0.9917	0.9850	0.9777
39.7	0.9900	0.9978	0.9189	0.9940	0.9820	0.9934	0.9876	0.9788
39.8	0.9909	0.9976	0.9217	0.9940	0.9783	0.9947	0.9874	0.9740
39.9	0.9882	0.9962	0.9403	0.9920	0.9795	0.9913	0.9838	0.9689
40.0	0.9901	0.9973	0.9627	0.9943	0.9863	0.9942	0.9897	0.9669
40.1	0.9884	0.9970	0.9618	0.9927	0.9784	0.9935	0.9860	0.9635
40.2	0.9906	0.9976	0.9750	0.9948	0.9837	0.9951	0.9885	0.9655
40.3	0.9915	0.9980	0.9797	0.9955	0.9867	0.9946	0.9891	0.9642
40.4	0.9848	0.9972	0.9713	0.9932	0.9878	0.9933	0.9890	0.9643
40.5	0.9869	0.9977	0.9731	0.9952	0.9901	0.9931	0.9904	0.9703
40.6	0.9864	0.9977	0.9703	0.9952	0.9895	0.9932	0.9929	0.9679
40.7	0.9794	0.9978	0.9661	0.9945	0.9877	0.9934	0.9901	0.9508
40.8	0.9869	0.9979	0.9833	0.9949	0.9884	0.9939	0.9918	0.9484
40.9	0.9857	0.9980	0.9837	0.9945	0.9884	0.9937	0.9917	0.9561
41.0	0.9828	0.9975	0.9815	0.9929	0.9876	0.9927	0.9900	0.9492
41.1	0.9775	0.9973	0.9788	0.9931	0.9848	0.9919	0.9907	0.9512
41.2	0.9552	0.9973	0.9663	0.9921	0.9842	0.9919	0.9935	0.9525
41.3	0.9547	0.9980	0.9769	0.9943	0.9873	0.9933	0.9918	0.9469
41.4	0.9507	0.9979	0.9720	0.9954	0.9859	0.9935	0.9919	0.9441
41.5	0.9389	0.9974	0.9654	0.9914	0.9826	0.9887	0.9888	0.9400
41.6	0.9297	0.9963	0.9663	0.9874	0.9820	0.9870	0.9843	0.9085
41.7	0.9479	0.9958	0.9792	0.9889	0.9835	0.9880	0.9867	0.9185
41.8	0.9198	0.9948	0.9707	0.9830	0.9797	0.9826	0.9862	0.9088
41.9	0.9280	0.9972	0.9816	0.9853	0.9835	0.9860	0.9842	0.9303
42.0	0.8322	0.9969	0.9736	0.9847	0.9780	0.9843	0.9754	0.9302
42.1	0.8320	0.9973	0.9754	0.9851	0.9795	0.9884	0.9788	0.9169
42.2	0.7747	0.9968	0.9737	0.9816	0.9744	0.9837	0.9741	0.8964
42.3	0.7510	0.9966	0.9787	0.9810	0.9775	0.9855	0.9777	0.9161

42.4	0.8067	0.9975	0.9739	0.9849	0.9789	0.9863	0.9765	0.9242
42.5	0.7211	0.9970	0.9747	0.9818	0.9763	0.9828	0.9629	0.9091
42.6	0.6139	0.9964	0.9713	0.9789	0.9716	0.9844	0.9682	0.9187
42.7	0.5147	0.9959	0.9633	0.9678	0.9645	0.9778	0.9631	0.9166
42.8	0.5768	0.9963	0.9661	0.9659	0.9630	0.9772	0.9457	0.8898
42.9	0.6590	0.9957	0.9693	0.9698	0.9566	0.9715	0.9381	0.8748
43.0	0.7500	0.9966	0.9719	0.9736	0.9666	0.9749	0.9519	0.9027
43.1	0.7896	0.9969	0.9731	0.9704	0.9740	0.9761	0.9553	0.9165
43.2	0.7684	0.9971	0.9672	0.9650	0.9736	0.9678	0.9474	0.8973
43.3	0.8240	0.9971	0.9605	0.9580	0.9715	0.9619	0.9454	0.8954
43.4	0.8553	0.9971	0.9584	0.9499	0.9702	0.9686	0.9419	0.8808
43.5	0.9061	0.9966	0.9620	0.9612	0.9700	0.9615	0.9363	0.8592
43.6	0.8509	0.9967	0.9449	0.9597	0.9734	0.9428	0.9202	0.8495
43.7	0.8651	0.9964	0.9339	0.9575	0.9761	0.9519	0.9280	0.8945
43.8	0.9326	0.9971	0.9207	0.9539	0.9772	0.9455	0.9129	0.8788
43.9	0.9476	0.9972	0.9168	0.9547	0.9774	0.9182	0.9069	0.8410
44.0	0.9302	0.9976	0.9048	0.9623	0.9795	0.9168	0.9236	0.8530
44.1	0.9035	0.9975	0.8978	0.9616	0.9731	0.8586	0.9132	0.8329
44.2	0.9500	0.9970	0.8532	0.9620	0.9758	0.8932	0.8786	0.8014
44.3	0.9490	0.9967	0.8532	0.9554	0.9750	0.8666	0.8604	0.7768
44.4	0.9029	0.9969	0.8418	0.9375	0.9667	0.8501	0.8423	0.7772
44.5	0.9398	0.9975	0.8641	0.9441	0.9746	0.8050	0.8724	0.8198
44.6	0.9318	0.9979	0.8497	0.9614	0.9747	0.8014	0.8793	0.8417
44.7	0.9081	0.9978	0.7823	0.9556	0.9672	0.7317	0.8315	0.7964
44.8	0.9394	0.9974	0.5501	0.9393	0.9677	0.6371	0.8104	0.7768
44.9	0.9715	0.9974	0.4057	0.9385	0.9712	0.5914	0.7172	0.7577
45.0	0.9498	0.9968	0.4868	0.9141	0.9740	0.5310	0.5450	0.7682
45.1	0.9321	0.9969	0.6277	0.9249	0.9714	0.5864	0.1390	0.7259
45.2	0.9143	0.9966	0.6651	0.9190	0.9591	0.5792	0.1575	0.7301
45.3	0.8530	0.9960	0.7290	0.8975	0.9486	0.5863	0.4616	0.7432
45.4	0.8788	0.9965	0.7059	0.9238	0.9544	0.5776	0.6906	0.7381
45.5	0.9031	0.9977	0.7167	0.9319	0.9650	0.5993	0.8287	0.7585
45.6	0.9239	0.9975	0.5915	0.9127	0.9528	0.5972	0.8404	0.7674
45.7	0.9230	0.9972	0.4980	0.9126	0.9510	0.5559	0.8584	0.7742
45.8	0.9154	0.9956	0.2587	0.8858	0.9332	0.5244	0.8902	0.7508
45.9	0.8918	0.9959	0.2111	0.8791	0.9348	0.6562	0.8926	0.6995
46.0	0.8574	0.9963	0.2442	0.8721	0.9325	0.6722	0.8689	0.7006
46.1	0.8334	0.9957	0.1014	0.8845	0.9309	0.6184	0.8526	0.6962
46.2	0.8338	0.9953	0.1077	0.8830	0.9123	0.5404	0.8862	0.6686
46.3	0.8760	0.9958	0.0873	0.8766	0.9185	0.6177	0.9135	0.6536
46.4	0.9075	0.9970	0.0500	0.8521	0.9237	0.7912	0.9338	0.7387
46.5	0.8972	0.9970	0.2145	0.8314	0.9220	0.8767	0.9428	0.8025
46.6	0.9097	0.9957	0.2226	0.8008	0.9184	0.8645	0.9250	0.8269
46.7	0.9361	0.9956	0.3844	0.8404	0.9185	0.8760	0.9350	0.8032
46.8	0.9455	0.9960	0.5248	0.8534	0.9225	0.9025	0.9402	0.8322
46.9	0.9636	0.9959	0.5171	0.8796	0.9332	0.9203	0.9312	0.7822
47.0	0.9619	0.9960	0.6149	0.8730	0.9066	0.9355	0.9205	0.7707
47.1	0.9492	0.9955	0.6591	0.8552	0.9081	0.9374	0.9127	0.7533
47.2	0.9420	0.9955	0.4973	0.8328	0.9143	0.9074	0.8999	0.7674
47.3	0.9497	0.9961	0.5208	0.8069	0.9071	0.9406	0.8893	0.8416
47.4	0.9448	0.9954	0.6578	0.8224	0.9037	0.9514	0.8481	0.8450
47.5	0.9319	0.9967	0.7682	0.8738	0.9286	0.9521	0.8205	0.8482
47.6	0.9154	0.9963	0.7554	0.8594	0.9263	0.9449	0.7865	0.8180
47.7	0.9094	0.9954	0.7191	0.8397	0.8994	0.9307	0.7436	0.8344
47.8	0.8894	0.9943	0.7878	0.8551	0.9040	0.9481	0.8373	0.8818
47.9	0.8902	0.9958	0.8735	0.8918	0.9124	0.9663	0.8890	0.8932
48.0	0.9212	0.9963	0.8302	0.9065	0.9044	0.9648	0.9052	0.8662
48.1	0.9408	0.9962	0.7397	0.8976	0.9051	0.9549	0.9134	0.8524
48.2	0.9237	0.9950	0.7445	0.8645	0.8660	0.9305	0.8721	0.8210
48.3	0.8811	0.9942	0.7934	0.8478	0.8422	0.9259	0.8399	0.8077
48.4	0.9072	0.9961	0.8534	0.8973	0.8865	0.9655	0.8779	0.8946
48.5	0.8850	0.9959	0.8227	0.8930	0.8744	0.9592	0.9052	0.8718
48.6	0.9010	0.9945	0.7712	0.8777	0.8577	0.9624	0.8846	0.8416
48.7	0.8958	0.9945	0.7262	0.8750	0.8055	0.9611	0.8487	0.8482
48.8	0.8800	0.9964	0.8785	0.9206	0.7978	0.9699	0.8830	0.8679
48.9	0.9023	0.9966	0.9019	0.9329	0.7433	0.9738	0.8682	0.8841
49.0	0.9284	0.9955	0.8415	0.9080	0.5806	0.9599	0.7873	0.8317
49.1	0.9346	0.9955	0.7554	0.8915	0.6164	0.9565	0.6849	0.8310
49.2	0.9369	0.9955	0.6656	0.8966	0.5985	0.9589	0.5967	0.8702
49.3	0.9146	0.9956	0.6488	0.8768	0.5367	0.9534	0.5695	0.8503
49.4	0.9256	0.9966	0.7913	0.8733	0.5828	0.9674	0.6031	0.8671
49.5	0.9420	0.9955	0.6829	0.8898	0.6517	0.9670	0.6350	0.8893
49.6	0.9592	0.9950	0.4930	0.9292	0.6536	0.9551	0.5943	0.8854
49.7	0.9433	0.9934	0.5256	0.8962	0.5799	0.9464	0.4851	0.8641
49.8	0.9355	0.9956	0.6728	0.8946	0.3909	0.9547	0.5119	0.8898
49.9	0.9295	0.9937	0.6599	0.8716	0.2553	0.9420	0.3245	0.8363
50.0	0.9487	0.9923	0.5791	0.8854	0.3997	0.9504	0.1617	0.8195
50.1	0.9560	0.9956	0.6082	0.9096	0.5219	0.9659	0.1456	0.8642
50.2	0.9680	0.9960	0.3891	0.9187	0.6473	0.9658	0.1032	0.8723
50.3	0.9722	0.9963	0.1929	0.9246	0.6973	0.9613	0.3056	0.8759
50.4	0.9650	0.9952	0.4495	0.9246	0.6855	0.9474	0.3676	0.8631
50.5	0.9666	0.9961	0.5991	0.9457	0.8137	0.9649	0.4588	0.9251
50.6	0.9645	0.9972	0.5644	0.9347	0.8058	0.9698	0.6164	0.9322
50.7	0.9597	0.9962	0.3452	0.9244	0.8210	0.9573	0.6785	0.9280
50.8	0.9169	0.9908	0.1089	0.8834	0.7748	0.9332	0.6434	0.8813
50.9	0.9194	0.9899	0.0082	0.8729	0.7099	0.9381	0.6478	0.8921

51.0	0.9525	0.9935	0.2696	0.9040	0.7419	0.9308	0.7710	0.9047
51.1	0.9449	0.9944	0.4288	0.9043	0.7688	0.9462	0.8219	0.9059
51.2	0.9314	0.9931	0.5614	0.8930	0.7353	0.9479	0.8304	0.9254
51.3	0.9335	0.9934	0.5848	0.8938	0.7156	0.9372	0.8301	0.8952
51.4	0.9370	0.9929	0.7205	0.9167	0.8007	0.9348	0.8945	0.8636
51.5	0.9364	0.9943	0.7526	0.9320	0.8533	0.9382	0.9357	0.8626
51.6	0.9297	0.9956	0.7453	0.9326	0.8578	0.9506	0.9418	0.8737
51.7	0.9008	0.9943	0.6839	0.9179	0.8050	0.9445	0.9397	0.8619
51.8	0.8705	0.9942	0.7055	0.9201	0.7644	0.9490	0.9528	0.8673
51.9	0.7386	0.9949	0.7295	0.9174	0.7306	0.9461	0.9555	0.8175
52.0	0.8020	0.9948	0.6082	0.9327	0.8028	0.9560	0.9619	0.8337
52.1	0.8796	0.9939	0.3530	0.9295	0.8452	0.9474	0.9568	0.8484
52.2	0.7988	0.9940	0.4795	0.9270	0.8243	0.9251	0.9431	0.8558
52.3	0.7994	0.9954	0.6717	0.9489	0.8543	0.9448	0.9649	0.8724
52.4	0.7147	0.9947	0.6090	0.9321	0.7933	0.9574	0.9688	0.8629
52.5	0.8229	0.9946	0.2946	0.9330	0.8085	0.9595	0.9682	0.8461
52.6	0.8813	0.9945	0.0653	0.9395	0.8552	0.9562	0.9620	0.8906
52.7	0.7883	0.9937	0.5113	0.9425	0.8362	0.9597	0.9636	0.8958
52.8	0.6817	0.9949	0.6407	0.9514	0.8284	0.9587	0.9656	0.8944
52.9	0.7562	0.9943	0.5433	0.9292	0.8024	0.9578	0.9648	0.9135
53.0	0.8325	0.9921	0.3073	0.9224	0.7854	0.9453	0.9594	0.8782
53.1	0.9064	0.9941	0.2021	0.9502	0.7620	0.9550	0.9698	0.8963
53.2	0.9419	0.9966	0.4612	0.9662	0.7732	0.9708	0.9781	0.9325
53.3	0.9319	0.9954	0.6765	0.9501	0.7439	0.9635	0.9740	0.9236
53.4	0.8547	0.9927	0.7099	0.9386	0.6734	0.9546	0.9576	0.8603
53.5	0.8182	0.9932	0.6082	0.9583	0.4994	0.9687	0.9695	0.8914
53.6	0.8808	0.9954	0.5573	0.9592	0.3298	0.9659	0.9827	0.9337
53.7	0.8725	0.9952	0.7901	0.9502	0.0787	0.9638	0.9795	0.9495
53.8	0.8339	0.9912	0.8062	0.9353	0.0161	0.9626	0.9756	0.9543
53.9	0.8651	0.9915	0.8606	0.9490	0.0198	0.9515	0.9778	0.9494
54.0	0.7098	0.9912	0.8255	0.9358	0.1084	0.9171	0.9687	0.9130
54.1	0.5763	0.9931	0.8552	0.9499	0.2311	0.9515	0.9667	0.9401
54.2	0.6942	0.9920	0.8119	0.9358	0.1853	0.9483	0.9666	0.9467
54.3	0.7672	0.9912	0.8684	0.9425	0.2840	0.9467	0.9736	0.9520
54.4	0.6878	0.9921	0.9056	0.9383	0.4042	0.9468	0.9816	0.9677
54.5	0.6199	0.9904	0.9074	0.9192	0.3996	0.9144	0.9769	0.9503
54.6	0.6319	0.9903	0.8965	0.9224	0.5224	0.9078	0.9718	0.9515
54.7	0.7953	0.9934	0.8879	0.9341	0.5721	0.9156	0.9770	0.9541
54.8	0.8034	0.9916	0.8772	0.9268	0.5936	0.8926	0.9792	0.9549
54.9	0.7858	0.9927	0.9227	0.9407	0.6940	0.9229	0.9709	0.9390
55.0	0.8061	0.9907	0.9027	0.9128	0.6516	0.8543	0.9686	0.9303
55.1	0.8640	0.9917	0.8943	0.8897	0.6558	0.8267	0.9735	0.9439
55.2	0.8969	0.9930	0.8969	0.8882	0.6719	0.7465	0.9699	0.9323
55.3	0.8984	0.9924	0.8807	0.9007	0.7106	0.6823	0.9599	0.9091
55.4	0.9152	0.9922	0.8761	0.9131	0.6938	0.5593	0.9609	0.9193
55.5	0.9095	0.9882	0.8642	0.8803	0.7073	0.5361	0.9344	0.8626
55.6	0.9419	0.9925	0.9120	0.8991	0.7608	0.5846	0.9485	0.8817
55.7	0.9370	0.9901	0.8740	0.8513	0.6078	0.3642	0.9402	0.8360
55.8	0.9385	0.9902	0.8839	0.8355	0.6655	0.2454	0.9353	0.8191
55.9	0.9482	0.9918	0.8717	0.8558	0.6337	0.2678	0.9286	0.7968
56.0	0.9483	0.9926	0.8033	0.8456	0.5916	0.1636	0.9297	0.7448
56.1	0.9496	0.9914	0.7954	0.8262	0.6626	0.1118	0.9119	0.7423
56.2	0.9339	0.9897	0.7997	0.7861	0.6251	0.1782	0.8974	0.6673
56.3	0.9351	0.9885	0.7830	0.7546	0.5650	0.4305	0.9036	0.7361
56.4	0.9492	0.9920	0.8053	0.8005	0.5825	0.4622	0.9059	0.7375
56.5	0.9502	0.9877	0.7327	0.7862	0.3793	0.2944	0.8906	0.6223
56.6	0.9470	0.9878	0.6813	0.8113	0.2129	0.3394	0.8745	0.5654
56.7	0.9465	0.9869	0.7196	0.7893	0.2631	0.3507	0.8708	0.5809
56.8	0.9523	0.9907	0.7755	0.8076	0.4103	0.4188	0.8740	0.6495
56.9	0.9584	0.9907	0.7538	0.7961	0.4962	0.3691	0.8766	0.5905
57.0	0.9269	0.9832	0.6888	0.7204	0.3621	0.3219	0.7902	0.4594
57.1	0.9214	0.9823	0.6626	0.6635	0.3516	0.3136	0.7625	0.5747
57.2	0.9329	0.9814	0.6426	0.7215	0.3724	0.3461	0.7638	0.6036
57.3	0.9193	0.9810	0.6859	0.6861	0.3593	0.4085	0.7453	0.5579
57.4	0.8941	0.9804	0.6270	0.5634	0.4054	0.4154	0.7586	0.5399
57.5	0.8755	0.9739	0.5313	0.5363	0.3906	0.3843	0.6634	0.3922
57.6	0.8957	0.9768	0.5712	0.5235	0.3243	0.3979	0.6031	0.2935
57.7	0.8946	0.9754	0.6985	0.4902	0.3640	0.4638	0.7290	0.3147
57.8	0.9130	0.9738	0.6831	0.4289	0.3673	0.4971	0.6861	0.2511
57.9	0.9336	0.9806	0.7901	0.5230	0.3217	0.6152	0.7772	0.2435
58.0	0.9283	0.9766	0.8141	0.6235	0.1615	0.5479	0.7947	0.2398
58.1	0.9310	0.9714	0.7487	0.6031	0.1428	0.5514	0.7883	0.2385
58.2	0.9175	0.9750	0.7139	0.5130	0.2596	0.5036	0.7482	0.1629
58.3	0.8967	0.9717	0.6570	0.4752	0.2197	0.4913	0.7505	0.1482
58.4	0.8945	0.9633	0.5980	0.3347	0.2927	0.5314	0.6811	0.2027
58.5	0.9200	0.9689	0.5759	0.5314	0.1517	0.2884	0.5488	0.0334
58.6	0.9124	0.9660	0.4706	0.5445	0.1044	0.0478	0.1641	0.0009
58.7	0.9155	0.9588	0.5332	0.5596	0.1607	0.0245	0.2091	0.0002
58.8	0.9158	0.9531	0.5574	0.5689	0.2310	0.3136	0.6449	0.0821
58.9	0.8943	0.9415	0.6139	0.5207	0.0764	0.3705	0.5488	0.1351
59.0	0.9227	0.9591	0.5974	0.5969	0.0101	0.1887	0.2271	0.1278
59.1	0.9263	0.9554	0.6238	0.6637	0.0002	0.2750	0.5029	0.2347
59.2	0.9177	0.9392	0.6319	0.6538	0.1109	0.3048	0.7881	0.3253
59.3	0.9109	0.9236	0.6586	0.5760	0.2355	0.2696	0.7590	0.3034
59.4	0.9270	0.9357	0.7598	0.6092	0.3160	0.2622	0.7513	0.3637
59.5	0.9284	0.9459	0.6558	0.6751	0.1563	0.3600	0.7769	0.3247

59.6	0.9089	0.9289	0.6176	0.5614	0.1317	0.3270	0.7015	0.1627
59.7	0.9189	0.9160	0.6554	0.5290	0.1111	0.2152	0.6216	0.1725
59.8	0.9077	0.8880	0.5408	0.5766	0.0552	0.1180	0.5664	0.2067
59.9	0.8740	0.0115	0.0155	0.5981	0.0660	0.0668	0.6533	0.1724
60.0	0.8362	0.0455	0.0472	0.6393	0.1109	0.0237	0.7546	0.2727
60.1	0.8947	0.0039	0.0075	0.5537	0.1760	0.0980	0.7466	0.2497
60.2	0.8589	0.7375	0.3285	0.5233	0.2990	0.0949	0.7013	0.1307
60.3	0.8604	0.8808	0.6248	0.5032	0.2900	0.2369	0.7493	0.2934
60.4	0.8632	0.9026	0.6785	0.5193	0.3138	0.1220	0.7501	0.4091
60.5	0.8785	0.9199	0.7240	0.5601	0.3864	0.0358	0.7556	0.3790
60.6	0.8543	0.8890	0.7445	0.4841	0.5603	0.0820	0.6748	0.3180
60.7	0.8741	0.8908	0.7574	0.5232	0.7378	0.1566	0.7375	0.4132
60.8	0.8428	0.8888	0.7326	0.5426	0.6801	0.2921	0.7869	0.4486
60.9	0.8418	0.9093	0.7360	0.5513	0.6321	0.3401	0.7562	0.3373
61.0	0.8762	0.9078	0.7694	0.5528	0.5152	0.4066	0.7011	0.2161
61.1	0.8005	0.8706	0.6740	0.4238	0.3904	0.4275	0.6123	0.1706
61.2	0.8461	0.8669	0.6489	0.5295	0.2308	0.3011	0.6339	0.0884
61.3	0.8898	0.9206	0.7065	0.6628	0.2857	0.4210	0.7282	0.0970
61.4	0.8054	0.8941	0.7328	0.5056	0.2372	0.3677	0.6635	0.1123
61.5	0.7954	0.8945	0.6347	0.5517	0.1256	0.3002	0.6630	0.0873
61.6	0.7987	0.8745	0.5721	0.5396	0.2139	0.2605	0.6644	0.0509
61.7	0.8319	0.8942	0.6840	0.5261	0.2964	0.1649	0.6400	0.0681
61.8	0.8064	0.8752	0.6865	0.4579	0.2367	0.1393	0.5090	0.0593
61.9	0.7308	0.8475	0.6946	0.4486	0.2407	0.1444	0.4274	0.0493
62.0	0.8103	0.8963	0.7175	0.5329	0.2512	0.2112	0.3937	0.0327
62.1	0.7828	0.8372	0.7404	0.5294	0.2311	0.2020	0.4202	0.0742
62.2	0.6869	0.7700	0.7247	0.3446	0.3262	0.1004	0.3962	0.0732
62.3	0.7655	0.8465	0.7421	0.4839	0.4029	0.2417	0.5086	0.0852
62.4	0.7885	0.8623	0.7335	0.5421	0.2135	0.2867	0.5039	0.0353
62.5	0.6885	0.8031	0.6121	0.3199	0.0892	0.2209	0.3095	0.0873
62.6	0.6815	0.8000	0.6075	0.3975	0.1963	0.2427	0.4267	0.0915
62.7	0.6450	0.8290	0.5842	0.4079	0.2652	0.2911	0.3603	0.0303
62.8	0.6903	0.8642	0.6191	0.4772	0.3134	0.4177	0.3319	0.0850
62.9	0.7607	0.8634	0.6632	0.5272	0.1997	0.3975	0.4220	0.1582
63.0	0.7004	0.7981	0.5423	0.4027	0.1887	0.3263	0.3059	0.0766
63.1	0.6442	0.7791	0.5306	0.4611	0.3197	0.3654	0.2993	0.0440
63.2	0.6800	0.7937	0.4990	0.4667	0.3161	0.4347	0.2841	0.0401
63.3	0.7681	0.7973	0.5308	0.6060	0.3714	0.3864	0.3953	0.0653
63.4	0.6697	0.7178	0.4551	0.5050	0.2202	0.3209	0.3631	0.0912
63.5	0.6491	0.7270	0.4665	0.4150	0.2717	0.4273	0.3005	0.1431
63.6	0.5736	0.7272	0.4250	0.4177	0.3838	0.3392	0.1976	0.0593
63.7	0.6606	0.7874	0.4074	0.4628	0.3427	0.3305	0.1463	0.0751
63.8	0.7274	0.7983	0.5321	0.4800	0.3220	0.3372	0.1625	0.0817
63.9	0.6720	0.7672	0.6266	0.4485	0.3638	0.3189	0.1477	0.1156
64.0	0.6347	0.7145	0.6126	0.4573	0.3141	0.3254	0.1251	0.1383
64.1	0.6253	0.6818	0.4835	0.4182	0.2172	0.3095	0.1223	0.1648
64.2	0.5823	0.6469	0.4650	0.4456	0.3276	0.2424	0.0946	0.1588
64.3	0.7156	0.7694	0.4591	0.4642	0.3352	0.3107	0.0138	0.0942
64.4	0.6931	0.6904	0.5192	0.4935	0.2572	0.2428	0.0264	0.0489
64.5	0.6773	0.7338	0.4730	0.5476	0.2787	0.3172	0.0100	0.0696
64.6	0.5856	0.7156	0.4230	0.3139	0.2644	0.1276	0.0589	0.0091
64.7	0.6209	0.7093	0.4176	0.3893	0.1685	0.0577	0.0111	0.0119
64.8	0.6376	0.7200	0.4289	0.4299	0.0472	0.0670	0.0371	0.0072
64.9	0.6294	0.6382	0.3668	0.5043	0.0146	0.1413	0.0136	0.0392
65.0	0.5269	0.5745	0.3168	0.4471	0.0452	0.1732	0.0274	0.0176
65.1	0.5910	0.6028	0.4111	0.3823	0.0274	0.1047	0.0626	0.0994
65.2	0.7155	0.7579	0.5192	0.4711	0.0258	0.0971	0.0087	0.0555
65.3	0.6595	0.7228	0.4570	0.4877	0.0395	0.0833	0.0493	0.0093
65.4	0.6423	0.6853	0.4231	0.5089	0.0083	0.0672	0.0805	0.0152
65.5	0.7223	0.7115	0.5261	0.5596	0.0050	0.0811	0.0377	0.0773
65.6	0.7338	0.7476	0.5370	0.6246	0.0096	0.0346	0.1305	0.2180
65.7	0.6639	0.7005	0.4183	0.5516	0.0228	0.0393	0.1279	0.1303
65.8	0.6858	0.6782	0.5555	0.4211	0.0619	0.0302	0.1136	0.1140
65.9	0.7187	0.6921	0.5882	0.4464	0.1406	0.0708	0.0865	0.1368
66.0	0.6730	0.6531	0.5124	0.5798	0.1493	0.0030	0.1743	0.0504
66.1	0.5987	0.6064	0.3887	0.5895	0.0792	0.0140	0.0551	0.1199
66.2	0.7289	0.7397	0.4996	0.6665	0.0878	0.1051	0.2082	0.1403
66.3	0.7193	0.6647	0.4882	0.6134	0.1137	0.0836	0.2611	0.0811
66.4	0.5772	0.5572	0.3690	0.4219	0.1370	0.0160	0.1602	0.0924
66.5	0.6385	0.6628	0.4155	0.4870	0.1246	0.0648	0.1369	0.2082
66.6	0.7385	0.7433	0.5064	0.5477	0.2409	0.0500	0.1597	0.2331
66.7	0.8175	0.7952	0.5713	0.5538	0.3074	0.0527	0.2436	0.2481
66.8	0.7388	0.7336	0.4783	0.4760	0.2910	0.0839	0.2946	0.2975
66.9	0.7442	0.6856	0.4646	0.4758	0.1366	0.1095	0.1729	0.2691
67.0	0.7136	0.6790	0.4448	0.4212	0.1052	0.1058	0.0643	0.2476
67.1	0.7902	0.7369	0.5996	0.4784	0.3276	0.0817	0.1913	0.3392
67.2	0.7504	0.7776	0.4591	0.5097	0.3072	0.0343	0.1476	0.3436
67.3	0.7371	0.7336	0.4483	0.4974	0.3014	0.0141	0.1388	0.3110
67.4	0.7145	0.6807	0.3745	0.5321	0.1721	0.0239	0.1165	0.2860
67.5	0.7169	0.6831	0.4257	0.3425	0.1661	0.0054	0.0742	0.2514
67.6	0.7512	0.6924	0.4598	0.3134	0.2372	0.0611	0.2378	0.4056
67.7	0.7640	0.7146	0.4948	0.4795	0.2637	0.1090	0.1673	0.4771
67.8	0.7202	0.6950	0.3767	0.5003	0.0951	0.0984	0.0843	0.3449
67.9	0.7402	0.6515	0.4193	0.3768	0.1800	0.0466	0.0789	0.3581
68.0	0.7033	0.6186	0.4311	0.3380	0.2258	0.0689	0.0436	0.4172
68.1	0.7746	0.6265	0.5105	0.3838	0.1954	0.0879	0.0341	0.4337

68.2	0.7911	0.6384	0.5699	0.3673	0.1894	0.1374	0.0344	0.4464
68.3	0.7265	0.6078	0.5259	0.2948	0.1111	0.1878	0.0172	0.3610
68.4	0.6903	0.5304	0.5016	0.3614	0.0633	0.1877	0.0406	0.3329
68.5	0.6731	0.5959	0.4461	0.4752	0.0499	0.1699	0.0431	0.3706
68.6	0.6789	0.6205	0.5361	0.4065	0.1148	0.1061	0.0019	0.3413
68.7	0.7390	0.6296	0.6635	0.2874	0.2079	0.2049	0.0025	0.4527
68.8	0.7088	0.5523	0.5865	0.2734	0.2403	0.2394	0.0033	0.3008
68.9	0.7003	0.5647	0.5915	0.2647	0.2832	0.2201	0.0580	0.1425
69.0	0.6547	0.5200	0.5849	0.2473	0.2250	0.3271	0.0715	0.1871
69.1	0.6513	0.4124	0.6112	0.2842	0.3626	0.3233	0.0700	0.3050
69.2	0.5654	0.2858	0.6332	0.2414	0.3443	0.1981	0.1097	0.3237
69.3	0.5448	0.3861	0.6460	0.2757	0.3952	0.2090	0.1416	0.2206
69.4	0.6493	0.4727	0.7144	0.3298	0.5866	0.3501	0.1707	0.2362
69.5	0.5638	0.2546	0.6522	0.2944	0.5326	0.2269	0.1682	0.2100
69.6	0.6226	0.3329	0.6965	0.2227	0.6145	0.2655	0.2611	0.3114
69.7	0.6066	0.3807	0.7411	0.1820	0.6207	0.2622	0.2768	0.3728
69.8	0.4556	0.3513	0.6835	0.2057	0.6019	0.3018	0.3299	0.2969
69.9	0.5626	0.2635	0.7074	0.1659	0.6336	0.1811	0.3457	0.3046
70.0	0.6948	0.0684	0.7054	0.1621	0.6567	0.1996	0.3483	0.3029
70.1	0.5931	0.0999	0.7120	0.2176	0.6880	0.0882	0.3605	0.3324
70.2	0.4779	0.2618	0.6738	0.1873	0.6559	0.0556	0.2939	0.3181
70.3	0.4780	0.2066	0.6629	0.1753	0.5653	0.1007	0.1923	0.2052
70.4	0.5689	0.2986	0.7931	0.1906	0.7002	0.1145	0.4124	0.2177
70.5	0.5936	0.2437	0.7994	0.1869	0.7152	0.1676	0.4682	0.3601
70.6	0.5364	0.3457	0.7765	0.0855	0.7074	0.1525	0.3890	0.4450
70.7	0.5121	0.3514	0.7979	0.1026	0.6855	0.2349	0.3206	0.3750
70.8	0.5478	0.1945	0.7960	0.1992	0.7100	0.2819	0.3496	0.4119
70.9	0.6540	0.3052	0.8306	0.3119	0.8085	0.4017	0.4965	0.5397
71.0	0.6860	0.3941	0.8727	0.2109	0.7681	0.4169	0.4947	0.4589
71.1	0.5534	0.3669	0.8350	0.2119	0.7509	0.3194	0.5722	0.4691
71.2	0.5922	0.3064	0.8642	0.2814	0.8107	0.4163	0.6664	0.6458
71.3	0.6269	0.2533	0.8843	0.2861	0.7924	0.4440	0.5590	0.5483
71.4	0.6362	0.1935	0.8814	0.2660	0.7849	0.4578	0.5510	0.4929
71.5	0.7057	0.2422	0.9133	0.3046	0.8071	0.3781	0.6075	0.6095
71.6	0.6562	0.1364	0.8820	0.2856	0.7895	0.3896	0.6403	0.5831
71.7	0.6773	0.1805	0.8872	0.3626	0.7760	0.3644	0.6913	0.6656
71.8	0.7521	0.4066	0.9339	0.3542	0.8308	0.4343	0.7774	0.6992
71.9	0.6959	0.4428	0.9453	0.2630	0.8481	0.4519	0.7183	0.6375
72.0	0.6913	0.3402	0.9387	0.2049	0.8498	0.4554	0.7145	0.5452
72.1	0.7210	0.4036	0.9273	0.1727	0.8023	0.5106	0.7501	0.5934
72.2	0.7215	0.4831	0.9274	0.2797	0.8520	0.5989	0.7767	0.5596
72.3	0.6435	0.5592	0.9191	0.1802	0.8652	0.5976	0.7631	0.5319
72.4	0.6645	0.6124	0.9188	0.2694	0.8368	0.6888	0.7989	0.4720
72.5	0.6700	0.5343	0.9069	0.3336	0.7979	0.5570	0.7335	0.4447
72.6	0.6339	0.6096	0.9008	0.1759	0.8284	0.6866	0.7853	0.4635
72.7	0.6519	0.5927	0.9176	0.2592	0.8513	0.7283	0.8214	0.5158
72.8	0.7301	0.6450	0.9330	0.3398	0.8789	0.7646	0.8255	0.5780
72.9	0.7034	0.6797	0.9454	0.4378	0.8875	0.8109	0.8637	0.6468
73.0	0.7220	0.6661	0.9319	0.4041	0.8573	0.7288	0.8633	0.6073
73.1	0.7197	0.7200	0.9243	0.4468	0.8685	0.6839	0.8500	0.5976
73.2	0.7634	0.7710	0.9382	0.4798	0.8556	0.7593	0.8447	0.6284
73.3	0.8101	0.8004	0.9431	0.5428	0.8581	0.7879	0.8634	0.6824
73.4	0.6822	0.7358	0.9144	0.5335	0.8428	0.7696	0.8697	0.6387
73.5	0.6479	0.7250	0.9246	0.5440	0.8715	0.7723	0.8659	0.6180
73.6	0.7451	0.7631	0.9166	0.5578	0.8774	0.8231	0.8766	0.6477
73.7	0.7222	0.7887	0.9147	0.4885	0.8659	0.8142	0.8912	0.5962
73.8	0.7241	0.7851	0.9311	0.6709	0.8980	0.8330	0.8881	0.5589
73.9	0.7718	0.8621	0.9404	0.6219	0.9104	0.8542	0.9254	0.7037
74.0	0.8037	0.8253	0.9354	0.6020	0.8965	0.8463	0.9257	0.7660
74.1	0.8252	0.8057	0.9372	0.6003	0.9161	0.8514	0.9032	0.6494
74.2	0.7737	0.8299	0.9347	0.7207	0.9169	0.8464	0.9104	0.6761
74.3	0.8047	0.8637	0.9362	0.7704	0.8942	0.8444	0.9107	0.7414
74.4	0.8410	0.8813	0.9487	0.8028	0.9045	0.8304	0.9394	0.7925
74.5	0.7911	0.8389	0.9353	0.7863	0.9098	0.8069	0.9466	0.7528
74.6	0.8115	0.8387	0.9229	0.7392	0.8963	0.7951	0.9365	0.7997
74.7	0.8529	0.8554	0.9391	0.8029	0.9079	0.8356	0.9373	0.7995
74.8	0.8235	0.8184	0.9303	0.8303	0.8966	0.7900	0.9268	0.7992
74.9	0.8288	0.8539	0.9264	0.8452	0.8836	0.7155	0.9146	0.7467
75.0	0.8563	0.8687	0.9346	0.8770	0.8846	0.7961	0.9228	0.7789
75.1	0.8232	0.8223	0.9228	0.8431	0.8749	0.8024	0.9145	0.7726
75.2	0.8211	0.8313	0.9182	0.7984	0.8863	0.7570	0.9213	0.7772
75.3	0.8818	0.8879	0.9449	0.8500	0.9309	0.8095	0.9406	0.8096
75.4	0.8857	0.8769	0.9459	0.8384	0.9107	0.8225	0.9483	0.8609
75.5	0.8814	0.8535	0.9457	0.8281	0.9040	0.8412	0.9487	0.8675
75.6	0.8820	0.8922	0.9386	0.8818	0.9036	0.8317	0.9370	0.8831
75.7	0.8923	0.8922	0.9475	0.8788	0.9112	0.8228	0.9440	0.8753
75.8	0.9009	0.9061	0.9477	0.8329	0.9244	0.8039	0.9541	0.8880
75.9	0.8859	0.8893	0.9366	0.8099	0.8975	0.7668	0.9292	0.8588
76.0	0.8947	0.8577	0.9286	0.7883	0.8721	0.7371	0.9292	0.8585
76.1	0.9094	0.8713	0.9538	0.8118	0.8916	0.7338	0.9485	0.8702
76.2	0.8852	0.8667	0.9428	0.7833	0.8868	0.7900	0.9508	0.8814
76.3	0.8801	0.8557	0.9340	0.8152	0.8833	0.8170	0.9462	0.8870
76.4	0.9046	0.8987	0.9536	0.8777	0.9198	0.8898	0.9567	0.9210
76.5	0.8898	0.9036	0.9375	0.8667	0.9162	0.8425	0.9474	0.9035
76.6	0.8847	0.8765	0.9257	0.7948	0.9112	0.8382	0.9426	0.8988
76.7	0.9075	0.8679	0.9427	0.8221	0.9029	0.8741	0.9498	0.9179

76.8	0.9310	0.8793	0.9571	0.8720	0.9289	0.8821	0.9585	0.9330
76.9	0.9265	0.8753	0.9545	0.9083	0.9447	0.8664	0.9658	0.9436
77.0	0.9374	0.8526	0.9609	0.8839	0.9373	0.8402	0.9641	0.9428
77.1	0.9424	0.8763	0.9678	0.9063	0.9354	0.8690	0.9648	0.9405
77.2	0.9093	0.8320	0.9438	0.8754	0.9139	0.8571	0.9401	0.8989
77.3	0.8862	0.7793	0.9283	0.8059	0.8984	0.8479	0.9313	0.8970
77.4	0.9084	0.8275	0.9426	0.8435	0.9131	0.8377	0.9450	0.9269
77.5	0.9222	0.8293	0.9487	0.8678	0.9025	0.8708	0.9598	0.9435
77.6	0.9375	0.8407	0.9495	0.8725	0.9153	0.8512	0.9606	0.9421
77.7	0.9513	0.8653	0.9647	0.9061	0.9321	0.8176	0.9685	0.9481
77.8	0.9337	0.8337	0.9487	0.9038	0.9405	0.7784	0.9492	0.9172
77.9	0.9366	0.8436	0.9542	0.9225	0.9630	0.8125	0.9629	0.9485
78.0	0.9490	0.8764	0.9608	0.8938	0.9571	0.8062	0.9634	0.9470
78.1	0.9532	0.9028	0.9598	0.9336	0.9662	0.8619	0.9668	0.9482
78.2	0.9445	0.8920	0.9536	0.9370	0.9563	0.8433	0.9581	0.9387
78.3	0.9382	0.8836	0.9366	0.9350	0.9562	0.7900	0.9521	0.9282
78.4	0.9257	0.8747	0.9329	0.9351	0.9570	0.8156	0.9504	0.9263
78.5	0.9417	0.8961	0.9435	0.9356	0.9667	0.8070	0.9444	0.9223
78.6	0.9557	0.8960	0.9421	0.9327	0.9586	0.8117	0.9528	0.9396
78.7	0.9646	0.8741	0.9461	0.9385	0.9661	0.8205	0.9545	0.9423
78.8	0.9557	0.8727	0.9409	0.9453	0.9623	0.8438	0.9412	0.9223
78.9	0.9722	0.9033	0.9490	0.9419	0.9623	0.8587	0.9331	0.9265
79.0	0.9710	0.8913	0.9399	0.9301	0.9463	0.8333	0.9118	0.8977
79.1	0.9561	0.8988	0.9315	0.9318	0.9391	0.8242	0.9031	0.8716
79.2	0.9417	0.9108	0.9236	0.9321	0.9353	0.7901	0.9084	0.8705
79.3	0.9639	0.9497	0.9585	0.9667	0.9632	0.8503	0.9389	0.9241
79.4	0.9705	0.9377	0.9647	0.9582	0.9649	0.8833	0.9453	0.9484
79.5	0.9564	0.9221	0.9444	0.9458	0.9577	0.8408	0.9328	0.9284
79.6	0.9576	0.9436	0.9464	0.9551	0.9474	0.8624	0.9169	0.9155
79.7	0.9618	0.9421	0.9483	0.9567	0.9520	0.8561	0.9361	0.9302
79.8	0.9615	0.9343	0.9470	0.9597	0.9556	0.8437	0.9383	0.9119
79.9	0.9688	0.9377	0.9540	0.9655	0.9656	0.8647	0.9427	0.9185
80.0	0.9698	0.9484	0.9521	0.9685	0.9635	0.8599	0.9408	0.9273

2.2.113 Run 11 – IP000NVP – Accels 33–40

In-plane shaking at 0° with no vertical shake plate. Accelerometers 33–40.

f (Hz)	acc33	acc34	acc35	acc36	acc37	acc38	acc39	acc40
0.0	0.5175	0.0474	0.3798	0.4164	0.9609	0.2603	0.8379	0.6477
0.1	0.2197	0.0032	0.2672	0.1790	0.8630	0.1530	0.5396	0.2719
0.2	0.0128	0.0155	0.0160	0.0193	0.0051	0.0290	0.0159	0.0024
0.3	0.0108	0.0265	0.0308	0.0043	0.0092	0.0465	0.0615	0.0153
0.4	0.0055	0.0344	0.1021	0.0153	0.0366	0.0085	0.0094	0.0034
0.5	0.0101	0.0074	0.0115	0.0025	0.0150	0.0123	0.0448	0.0048
0.6	0.0205	0.0108	0.0098	0.0278	0.0221	0.0143	0.0119	0.0208
0.7	0.0486	0.0047	0.0002	0.0475	0.0018	0.0047	0.0298	0.0355
0.8	0.0407	0.0340	0.0069	0.0846	0.0043	0.0063	0.0351	0.0101
0.9	0.0211	0.0241	0.0027	0.0797	0.0085	0.0145	0.0259	0.0316
1.0	0.2071	0.0303	0.0327	0.0302	0.0390	0.0370	0.0192	0.0240
1.1	0.5516	0.1267	0.0628	0.3055	0.0022	0.0193	0.1048	0.0050
1.2	0.7989	0.3853	0.0335	0.6396	0.0568	0.0745	0.1742	0.0530
1.3	0.8986	0.2512	0.0219	0.7440	0.0956	0.2180	0.2917	0.0593
1.4	0.9090	0.5083	0.0845	0.8854	0.2248	0.4085	0.7228	0.0778
1.5	0.7846	0.2429	0.2496	0.8612	0.1859	0.5644	0.7152	0.0700
1.6	0.9661	0.4603	0.4717	0.9243	0.4649	0.8558	0.8697	0.1818
1.7	0.9800	0.7016	0.7948	0.9618	0.5603	0.9420	0.9512	0.1993
1.8	0.9800	0.7981	0.9427	0.9758	0.6920	0.9722	0.9715	0.3840
1.9	0.9570	0.7475	0.9442	0.9526	0.7914	0.9673	0.9535	0.4869
2.0	0.9667	0.7531	0.9692	0.9644	0.8114	0.9729	0.9654	0.5186
2.1	0.9206	0.5956	0.9472	0.9122	0.7549	0.9373	0.9157	0.2128
2.2	0.7802	0.6572	0.8220	0.7771	0.6180	0.8200	0.7727	0.2379
2.3	0.2249	0.3473	0.2382	0.2242	0.1823	0.2667	0.2211	0.2011
2.4	0.7626	0.1038	0.6910	0.7638	0.3245	0.7011	0.7700	0.3542
2.5	0.9461	0.4013	0.8762	0.9473	0.3765	0.8965	0.9493	0.3797
2.6	0.9735	0.7462	0.8655	0.9740	0.4400	0.8952	0.9780	0.3726
2.7	0.9802	0.8956	0.8374	0.9805	0.4189	0.8545	0.9823	0.4616
2.8	0.9933	0.9514	0.8075	0.9934	0.3441	0.8655	0.9943	0.4933
2.9	0.9954	0.9558	0.7442	0.9956	0.3360	0.7408	0.9968	0.4999
3.0	0.9976	0.9661	0.3966	0.9977	0.4183	0.5618	0.9979	0.5611
3.1	0.9977	0.9702	0.4322	0.9978	0.2449	0.7653	0.9976	0.5430
3.2	0.9986	0.9643	0.8228	0.9986	0.1536	0.9271	0.9982	0.5046
3.3	0.9986	0.9646	0.8905	0.9987	0.1124	0.9476	0.9982	0.2774
3.4	0.9991	0.9752	0.9549	0.9992	0.1393	0.9789	0.9989	0.2700
3.5	0.9993	0.9829	0.9811	0.9994	0.2265	0.9864	0.9991	0.4061
3.6	0.9993	0.9802	0.9785	0.9994	0.1328	0.9888	0.9993	0.3390
3.7	0.9992	0.9730	0.9767	0.9994	0.1043	0.9864	0.9983	0.3587
3.8	0.9994	0.9682	0.9860	0.9995	0.0403	0.9894	0.9966	0.4352
3.9	0.9995	0.9641	0.9886	0.9995	0.0884	0.9919	0.9953	0.2670
4.0	0.9994	0.9610	0.9909	0.9995	0.0893	0.9947	0.9925	0.3531
4.1	0.9995	0.9640	0.9928	0.9995	0.1183	0.9952	0.9912	0.2992
4.2	0.9995	0.9468	0.9912	0.9994	0.0515	0.9933	0.9888	0.1608
4.3	0.9992	0.9367	0.9922	0.9992	0.0312	0.9941	0.9859	0.1174
4.4	0.9994	0.9408	0.9951	0.9994	0.0152	0.9960	0.9909	0.1384
4.5	0.9993	0.9522	0.9950	0.9993	0.0179	0.9960	0.9890	0.0002
4.6	0.9989	0.9445	0.9937	0.9989	0.0022	0.9955	0.9830	0.0581
4.7	0.9985	0.9271	0.9915	0.9984	0.0174	0.9935	0.9736	0.0930
4.8	0.9985	0.9299	0.9944	0.9983	0.0179	0.9957	0.9765	0.0917
4.9	0.9986	0.9408	0.9958	0.9985	0.0021	0.9962	0.9777	0.0340
5.0	0.9981	0.9400	0.9957	0.9981	0.0187	0.9969	0.9770	0.0215
5.1	0.9977	0.9032	0.9934	0.9974	0.0415	0.9952	0.9618	0.0517
5.2	0.9975	0.9233	0.9967	0.9974	0.0173	0.9970	0.9743	0.0542
5.3	0.9970	0.8964	0.9969	0.9970	0.0084	0.9965	0.9750	0.0172
5.4	0.9961	0.8770	0.9967	0.9960	0.0196	0.9967	0.9750	0.0733
5.5	0.9943	0.8629	0.9954	0.9945	0.0123	0.9952	0.9658	0.2773
5.6	0.9961	0.8781	0.9974	0.9962	0.0031	0.9979	0.9782	0.5842
5.7	0.9966	0.8917	0.9971	0.9970	0.0142	0.9970	0.9702	0.7406
5.8	0.9950	0.8869	0.9962	0.9954	0.0308	0.9969	0.9525	0.6935
5.9	0.9962	0.9046	0.9970	0.9962	0.0475	0.9982	0.9676	0.7135
6.0	0.9964	0.9363	0.9965	0.9963	0.0291	0.9976	0.9747	0.7782
6.1	0.9972	0.9295	0.9973	0.9974	0.0193	0.9982	0.9785	0.6909
6.2	0.9974	0.9322	0.9957	0.9975	0.0956	0.9977	0.9832	0.5877
6.3	0.9973	0.9388	0.9953	0.9975	0.0121	0.9967	0.9822	0.5066
6.4	0.9970	0.9204	0.9932	0.9973	0.0221	0.9962	0.9869	0.5273
6.5	0.9970	0.9179	0.9910	0.9973	0.0304	0.9984	0.9861	0.7419
6.6	0.9973	0.8692	0.9865	0.9974	0.0241	0.9967	0.9901	0.7487
6.7	0.9980	0.8508	0.9820	0.9981	0.0292	0.9977	0.9902	0.7706
6.8	0.9969	0.8059	0.9346	0.9964	0.0350	0.9963	0.9724	0.7748
6.9	0.9956	0.7535	0.8459	0.9946	0.0141	0.9970	0.9652	0.7796
7.0	0.9897	0.7181	0.7909	0.9872	0.0033	0.9969	0.9104	0.7439
7.1	0.9826	0.7913	0.8719	0.9776	0.0426	0.9962	0.8559	0.7930
7.2	0.9755	0.8543	0.9133	0.9682	0.0327	0.9911	0.8041	0.8692
7.3	0.9783	0.7589	0.9605	0.9727	0.0180	0.9907	0.7833	0.6487
7.4	0.9555	0.8561	0.9605	0.9301	0.1145	0.9974	0.7721	0.5683
7.5	0.9788	0.9324	0.9872	0.9653	0.0791	0.9976	0.9066	0.6149
7.6	0.9912	0.9482	0.9970	0.9866	0.0371	0.9970	0.9505	0.4894
7.7	0.9930	0.9100	0.9984	0.9925	0.0237	0.9955	0.9387	0.1209
7.8	0.9951	0.9005	0.9980	0.9956	0.0348	0.9940	0.9304	0.2100
7.9	0.9951	0.8824	0.9984	0.9955	0.0212	0.9977	0.9109	0.4568

8.0	0.9958	0.8456	0.9979	0.9956	0.0386	0.9962	0.9085	0.5904
8.1	0.9961	0.8191	0.9989	0.9965	0.0186	0.9980	0.9380	0.6314
8.2	0.9961	0.8326	0.9977	0.9966	0.0391	0.9970	0.9233	0.7097
8.3	0.9971	0.8837	0.9980	0.9972	0.0927	0.9973	0.9521	0.8382
8.4	0.9970	0.8879	0.9970	0.9971	0.0602	0.9955	0.9482	0.8497
8.5	0.9971	0.8510	0.9961	0.9968	0.0765	0.9948	0.9355	0.7793
8.6	0.9978	0.8551	0.9945	0.9975	0.0775	0.9931	0.9398	0.5917
8.7	0.9963	0.8590	0.9897	0.9959	0.0920	0.9876	0.9285	0.6119
8.8	0.9963	0.8664	0.9884	0.9955	0.1777	0.9865	0.9512	0.4372
8.9	0.9957	0.7501	0.9853	0.9947	0.1357	0.9837	0.8578	0.6247
9.0	0.9890	0.7975	0.9717	0.9868	0.1545	0.9685	0.3633	0.6855
9.1	0.9918	0.9094	0.9733	0.9891	0.2101	0.9712	0.1826	0.7090
9.2	0.9773	0.9147	0.9437	0.9710	0.3090	0.9412	0.5341	0.8123
9.3	0.9692	0.9125	0.9454	0.9627	0.3224	0.9446	0.8174	0.9239
9.4	0.9677	0.9376	0.9621	0.9643	0.4981	0.9625	0.8706	0.9247
9.5	0.9126	0.9156	0.9336	0.9132	0.4794	0.9358	0.7213	0.8662
9.6	0.9350	0.9572	0.9702	0.9412	0.6041	0.9719	0.6849	0.9310
9.7	0.9220	0.9619	0.9780	0.9324	0.5686	0.9796	0.6587	0.9331
9.8	0.9492	0.9600	0.9901	0.9534	0.5020	0.9910	0.7013	0.9296
9.9	0.9451	0.9504	0.9888	0.9053	0.4262	0.9900	0.6666	0.9055
10.0	0.9728	0.9342	0.9952	0.9344	0.5733	0.9958	0.6316	0.9233
10.1	0.9775	0.9184	0.9931	0.9372	0.3580	0.9941	0.6332	0.8686
10.2	0.9846	0.9195	0.9961	0.9605	0.4305	0.9966	0.6820	0.7721
10.3	0.9871	0.9097	0.9982	0.9741	0.2908	0.9983	0.6519	0.6859
10.4	0.9871	0.8489	0.9986	0.9750	0.2514	0.9989	0.5750	0.6339
10.5	0.9916	0.8578	0.9988	0.9867	0.2828	0.9991	0.6537	0.7309
10.6	0.9905	0.8106	0.9977	0.9860	0.3060	0.9983	0.5666	0.6354
10.7	0.9929	0.8254	0.9979	0.9899	0.4494	0.9983	0.6010	0.5175
10.8	0.9939	0.8134	0.9979	0.9914	0.3443	0.9985	0.6933	0.5366
10.9	0.9948	0.8252	0.9991	0.9929	0.2968	0.9993	0.8240	0.6416
11.0	0.9945	0.7938	0.9988	0.9942	0.1857	0.9992	0.8255	0.5400
11.1	0.9950	0.7474	0.9990	0.9942	0.2048	0.9993	0.8524	0.6169
11.2	0.9949	0.6713	0.9992	0.9940	0.2318	0.9994	0.8705	0.6914
11.3	0.9935	0.5670	0.9992	0.9931	0.1360	0.9994	0.8195	0.7236
11.4	0.9957	0.5763	0.9990	0.9947	0.2134	0.9994	0.8265	0.8490
11.5	0.9959	0.6410	0.9989	0.9956	0.0398	0.9994	0.8650	0.8895
11.6	0.9955	0.6637	0.9990	0.9951	0.0427	0.9995	0.9126	0.9521
11.7	0.9961	0.6279	0.9991	0.9965	0.1113	0.9996	0.9281	0.9605
11.8	0.9950	0.5772	0.9988	0.9951	0.0781	0.9993	0.8934	0.9349
11.9	0.9971	0.7114	0.9991	0.9969	0.0771	0.9995	0.9153	0.9274
12.0	0.9974	0.7523	0.9993	0.9976	0.0426	0.9996	0.9423	0.9181
12.1	0.9970	0.7965	0.9987	0.9976	0.0279	0.9995	0.9455	0.8764
12.2	0.9973	0.8475	0.9991	0.9978	0.0817	0.9997	0.9522	0.8774
12.3	0.9973	0.8647	0.9992	0.9979	0.0940	0.9996	0.9526	0.8719
12.4	0.9972	0.8810	0.9992	0.9982	0.0553	0.9996	0.9482	0.8220
12.5	0.9962	0.8790	0.9988	0.9975	0.0389	0.9996	0.9115	0.8088
12.6	0.9963	0.8429	0.9986	0.9980	0.1672	0.9995	0.9179	0.6859
12.7	0.9966	0.8406	0.9983	0.9985	0.1089	0.9995	0.9097	0.5857
12.8	0.9979	0.8645	0.9983	0.9990	0.2134	0.9997	0.9315	0.6357
12.9	0.9977	0.8774	0.9973	0.9990	0.2734	0.9995	0.9403	0.4422
13.0	0.9967	0.8410	0.9961	0.9987	0.1496	0.9995	0.9121	0.3780
13.1	0.9968	0.8123	0.9939	0.9980	0.1321	0.9992	0.8844	0.2054
13.2	0.9975	0.7947	0.9930	0.9979	0.3110	0.9991	0.9016	0.2607
13.3	0.9974	0.7789	0.9920	0.9966	0.2804	0.9987	0.8847	0.2659
13.4	0.9978	0.8056	0.9937	0.9970	0.2320	0.9991	0.8939	0.2769
13.5	0.9984	0.7936	0.9940	0.9972	0.1886	0.9993	0.8725	0.2231
13.6	0.9979	0.7007	0.9926	0.9961	0.1436	0.9990	0.8896	0.2337
13.7	0.9980	0.5756	0.9941	0.9969	0.1815	0.9990	0.9350	0.2571
13.8	0.9982	0.3423	0.9941	0.9973	0.0579	0.9990	0.9384	0.2885
13.9	0.9970	0.2174	0.9919	0.9963	0.0432	0.9982	0.9284	0.3486
14.0	0.9973	0.2126	0.9942	0.9967	0.0287	0.9986	0.9445	0.3621
14.1	0.9974	0.4014	0.9942	0.9978	0.0264	0.9985	0.9080	0.3704
14.2	0.9971	0.4104	0.9924	0.9973	0.0677	0.9982	0.9027	0.1477
14.3	0.9971	0.5110	0.9923	0.9973	0.0946	0.9983	0.9239	0.0521
14.4	0.9977	0.6514	0.9947	0.9982	0.0317	0.9986	0.9598	0.0700
14.5	0.9979	0.7312	0.9939	0.9982	0.0983	0.9983	0.9592	0.2868
14.6	0.9972	0.7185	0.9915	0.9978	0.0988	0.9968	0.9460	0.4830
14.7	0.9982	0.7633	0.9938	0.9986	0.2000	0.9968	0.9555	0.5930
14.8	0.9988	0.8405	0.9944	0.9989	0.1889	0.9963	0.9618	0.7335
14.9	0.9983	0.8467	0.9934	0.9982	0.1822	0.9955	0.9513	0.7836
15.0	0.9979	0.7852	0.9948	0.9983	0.1276	0.9957	0.9360	0.7784
15.1	0.9986	0.8299	0.9965	0.9991	0.1797	0.9978	0.9500	0.8276
15.2	0.9989	0.8736	0.9971	0.9992	0.1193	0.9986	0.9631	0.8952
15.3	0.9988	0.8685	0.9966	0.9990	0.1143	0.9986	0.9537	0.8656
15.4	0.9981	0.8320	0.9956	0.9987	0.2458	0.9986	0.9437	0.8791
15.5	0.9982	0.8314	0.9960	0.9989	0.2153	0.9987	0.9254	0.8864
15.6	0.9984	0.8228	0.9950	0.9988	0.3224	0.9986	0.9058	0.8605
15.7	0.9986	0.8792	0.9943	0.9989	0.3997	0.9985	0.9076	0.8771
15.8	0.9984	0.8402	0.9928	0.9987	0.2967	0.9983	0.9145	0.8445
15.9	0.9987	0.8861	0.9925	0.9990	0.3129	0.9990	0.9361	0.8585
16.0	0.9987	0.8899	0.9923	0.9991	0.3589	0.9990	0.9397	0.8484
16.1	0.9985	0.8827	0.9932	0.9990	0.4278	0.9988	0.9424	0.8201
16.2	0.9984	0.8919	0.9933	0.9989	0.3452	0.9983	0.9295	0.8575
16.3	0.9983	0.8566	0.9903	0.9986	0.4030	0.9980	0.9275	0.8227
16.4	0.9983	0.8693	0.9856	0.9987	0.4905	0.9978	0.9499	0.7618
16.5	0.9986	0.9042	0.9901	0.9989	0.5597	0.9984	0.9656	0.7874

16.6	0.9987	0.8563	0.9893	0.9990	0.5826	0.9984	0.9597	0.6243
16.7	0.9985	0.8233	0.9893	0.9988	0.5438	0.9979	0.9406	0.5236
16.8	0.9982	0.8157	0.9889	0.9985	0.4450	0.9981	0.9123	0.2523
16.9	0.9976	0.8662	0.9884	0.9976	0.4773	0.9984	0.9264	0.3679
17.0	0.9978	0.8238	0.9793	0.9978	0.4768	0.9974	0.8287	0.3660
17.1	0.9987	0.7023	0.9831	0.9984	0.4672	0.9972	0.8759	0.3622
17.2	0.9982	0.5027	0.9867	0.9977	0.3866	0.9975	0.9123	0.3712
17.3	0.9986	0.5171	0.9876	0.9987	0.4064	0.9969	0.9368	0.3390
17.4	0.9984	0.6080	0.9865	0.9984	0.4626	0.9965	0.9399	0.0279
17.5	0.9981	0.4819	0.9915	0.9976	0.3120	0.9971	0.9550	0.0979
17.6	0.9979	0.2401	0.9949	0.9975	0.2985	0.9970	0.9620	0.2747
17.7	0.9978	0.1039	0.9933	0.9974	0.1963	0.9965	0.9575	0.2425
17.8	0.9975	0.1158	0.9906	0.9973	0.1493	0.9928	0.9449	0.1246
17.9	0.9979	0.1607	0.9918	0.9978	0.1170	0.9944	0.9549	0.2020
18.0	0.9979	0.1874	0.9910	0.9975	0.1792	0.9952	0.9511	0.2659
18.1	0.9979	0.2460	0.9906	0.9977	0.1549	0.9949	0.9293	0.2490
18.2	0.9979	0.2994	0.9916	0.9977	0.1507	0.9944	0.9324	0.1897
18.3	0.9974	0.2874	0.9932	0.9974	0.2304	0.9918	0.9366	0.1359
18.4	0.9973	0.2629	0.9908	0.9972	0.3027	0.9822	0.9514	0.1025
18.5	0.9973	0.2686	0.9852	0.9968	0.2248	0.9459	0.9718	0.2751
18.6	0.9966	0.2292	0.9445	0.9942	0.2518	0.7420	0.9542	0.2020
18.7	0.9966	0.3482	0.9659	0.9951	0.2773	0.9274	0.9491	0.0479
18.8	0.9972	0.3402	0.9855	0.9971	0.2623	0.9845	0.9466	0.1926
18.9	0.9961	0.2788	0.9916	0.9964	0.2631	0.9892	0.9489	0.4234
19.0	0.9964	0.4118	0.9934	0.9974	0.4487	0.9924	0.9563	0.4145
19.1	0.9965	0.5349	0.9950	0.9968	0.4377	0.9933	0.9689	0.3283
19.2	0.9970	0.5516	0.9944	0.9969	0.5150	0.9938	0.9775	0.3624
19.3	0.9968	0.5658	0.9963	0.9966	0.5377	0.9953	0.9784	0.5471
19.4	0.9946	0.4572	0.9945	0.9942	0.5278	0.9947	0.9698	0.6276
19.5	0.9959	0.6131	0.9965	0.9956	0.7179	0.9960	0.9833	0.7487
19.6	0.9942	0.5866	0.9963	0.9941	0.7162	0.9944	0.9793	0.7204
19.7	0.9923	0.4857	0.9949	0.9920	0.6781	0.9928	0.9807	0.8318
19.8	0.9935	0.4621	0.9974	0.9927	0.7623	0.9938	0.9860	0.9019
19.9	0.9931	0.4894	0.9974	0.9915	0.7874	0.9935	0.9861	0.9368
20.0	0.9916	0.5907	0.9980	0.9871	0.7570	0.9913	0.9871	0.9479
20.1	0.9890	0.6317	0.9979	0.9820	0.6607	0.9890	0.9769	0.9408
20.2	0.9825	0.7085	0.9971	0.9715	0.5166	0.9853	0.9718	0.9300
20.3	0.9866	0.7199	0.9965	0.9794	0.4907	0.9878	0.9778	0.9451
20.4	0.9847	0.7749	0.9962	0.9751	0.6160	0.9844	0.9770	0.9507
20.5	0.9844	0.7829	0.9968	0.9725	0.5971	0.9865	0.9767	0.9594
20.6	0.9805	0.7634	0.9948	0.9697	0.5106	0.9844	0.9742	0.9533
20.7	0.9766	0.7656	0.9924	0.9685	0.5245	0.9802	0.9622	0.9466
20.8	0.9797	0.7494	0.9939	0.9731	0.6677	0.9858	0.9595	0.9545
20.9	0.9828	0.7802	0.9919	0.9776	0.6932	0.9866	0.9607	0.9548
21.0	0.9875	0.7510	0.9938	0.9835	0.6750	0.9881	0.9674	0.9692
21.1	0.9890	0.7086	0.9932	0.9872	0.5129	0.9896	0.9611	0.9684
21.2	0.9919	0.6553	0.9945	0.9910	0.4295	0.9911	0.9659	0.9724
21.3	0.9949	0.6547	0.9958	0.9944	0.3967	0.9924	0.9737	0.9709
21.4	0.9955	0.5463	0.9953	0.9945	0.3568	0.9909	0.9547	0.9670
21.5	0.9948	0.5965	0.9959	0.9944	0.4044	0.9931	0.9640	0.9727
21.6	0.9948	0.3789	0.9958	0.9941	0.4226	0.9927	0.9535	0.9694
21.7	0.9955	0.3972	0.9943	0.9956	0.4829	0.9914	0.9261	0.9672
21.8	0.9955	0.3025	0.9935	0.9952	0.3554	0.9907	0.8971	0.9638
21.9	0.9953	0.3199	0.9946	0.9949	0.3126	0.9930	0.8835	0.9561
22.0	0.9967	0.3569	0.9964	0.9963	0.2831	0.9944	0.8662	0.9708
22.1	0.9964	0.2498	0.9965	0.9962	0.3164	0.9952	0.8969	0.9733
22.2	0.9960	0.2251	0.9965	0.9961	0.3226	0.9953	0.9040	0.9620
22.3	0.9974	0.3129	0.9975	0.9976	0.4055	0.9954	0.8685	0.9739
22.4	0.9983	0.3698	0.9978	0.9983	0.4411	0.9969	0.8620	0.9842
22.5	0.9980	0.3619	0.9977	0.9979	0.5188	0.9967	0.8100	0.9853
22.6	0.9982	0.3063	0.9973	0.9981	0.5801	0.9970	0.7945	0.9841
22.7	0.9977	0.3328	0.9973	0.9973	0.4059	0.9974	0.7953	0.9827
22.8	0.9981	0.3638	0.9978	0.9980	0.3649	0.9975	0.8673	0.9882
22.9	0.9979	0.3473	0.9972	0.9978	0.1601	0.9977	0.8886	0.9883
23.0	0.9984	0.3492	0.9968	0.9984	0.2176	0.9964	0.8828	0.9853
23.1	0.9985	0.3660	0.9969	0.9986	0.4276	0.9972	0.8488	0.9868
23.2	0.9976	0.4055	0.9974	0.9976	0.3848	0.9978	0.8630	0.9860
23.3	0.9977	0.2833	0.9980	0.9976	0.2113	0.9978	0.8895	0.9877
23.4	0.9979	0.2505	0.9970	0.9976	0.1355	0.9965	0.8792	0.9832
23.5	0.9971	0.2407	0.9953	0.9969	0.1417	0.9952	0.8789	0.9813
23.6	0.9967	0.2816	0.9933	0.9964	0.0779	0.9946	0.8609	0.9744
23.7	0.9973	0.2585	0.9936	0.9969	0.1089	0.9944	0.8919	0.9816
23.8	0.9958	0.2597	0.9919	0.9954	0.0499	0.9942	0.9054	0.9729
23.9	0.9961	0.3017	0.9908	0.9952	0.0481	0.9940	0.9122	0.9638
24.0	0.9971	0.3739	0.9933	0.9965	0.2794	0.9941	0.9267	0.9748
24.1	0.9972	0.3214	0.9934	0.9970	0.3598	0.9938	0.9344	0.9740
24.2	0.9964	0.3873	0.9927	0.9959	0.2339	0.9925	0.9467	0.9660
24.3	0.9966	0.3455	0.9914	0.9961	0.1611	0.9885	0.9391	0.9607
24.4	0.9953	0.3505	0.9900	0.9950	0.2320	0.9889	0.9323	0.9614
24.5	0.9943	0.4035	0.9850	0.9937	0.3176	0.9839	0.8993	0.9587
24.6	0.9969	0.4730	0.9885	0.9965	0.5648	0.9878	0.9241	0.9669
24.7	0.9952	0.5333	0.9884	0.9947	0.5424	0.9859	0.9410	0.9680
24.8	0.9958	0.6819	0.9922	0.9959	0.7879	0.9928	0.9745	0.9814
24.9	0.9954	0.7006	0.9894	0.9952	0.7499	0.9914	0.9820	0.9888
25.0	0.9936	0.6537	0.9865	0.9930	0.7067	0.9886	0.9736	0.9814
25.1	0.9924	0.6329	0.9856	0.9923	0.6874	0.9872	0.9643	0.9746

25.2	0.9934	0.6479	0.9886	0.9931	0.6940	0.9891	0.9438	0.9799
25.3	0.9929	0.7057	0.9865	0.9924	0.7478	0.9871	0.9434	0.9757
25.4	0.9941	0.7853	0.9866	0.9940	0.8059	0.9870	0.9743	0.9774
25.5	0.9936	0.7863	0.9871	0.9940	0.8205	0.9862	0.9752	0.9732
25.6	0.9930	0.8009	0.9877	0.9933	0.8409	0.9859	0.9717	0.9828
25.7	0.9930	0.8429	0.9884	0.9931	0.7842	0.9857	0.9816	0.9801
25.8	0.9932	0.8719	0.9913	0.9929	0.7467	0.9894	0.9773	0.9823
25.9	0.9942	0.8776	0.9910	0.9941	0.7677	0.9912	0.9697	0.9813
26.0	0.9948	0.8920	0.9898	0.9952	0.8061	0.9896	0.9682	0.9785
26.1	0.9944	0.8968	0.9893	0.9947	0.7859	0.9885	0.9684	0.9769
26.2	0.9949	0.9147	0.9928	0.9947	0.8334	0.9912	0.9757	0.9806
26.3	0.9954	0.9143	0.9920	0.9955	0.8680	0.9905	0.9755	0.9836
26.4	0.9945	0.8914	0.9903	0.9948	0.8394	0.9886	0.9759	0.9782
26.5	0.9953	0.9115	0.9919	0.9958	0.8811	0.9913	0.9715	0.9797
26.6	0.9971	0.9037	0.9954	0.9973	0.8698	0.9954	0.9814	0.9796
26.7	0.9952	0.9070	0.9906	0.9957	0.8089	0.9910	0.9745	0.9713
26.8	0.9960	0.9410	0.9919	0.9964	0.8176	0.9910	0.9725	0.9683
26.9	0.9954	0.9528	0.9890	0.9960	0.8217	0.9891	0.9729	0.9621
27.0	0.9968	0.9716	0.9925	0.9971	0.8307	0.9927	0.9815	0.9728
27.1	0.9963	0.9633	0.9911	0.9966	0.7830	0.9904	0.9550	0.9513
27.2	0.9966	0.9690	0.9887	0.9969	0.7352	0.9874	0.9510	0.9408
27.3	0.9972	0.9820	0.9898	0.9976	0.7276	0.9907	0.9699	0.9529
27.4	0.9974	0.9810	0.9920	0.9976	0.6740	0.9919	0.9693	0.9601
27.5	0.9973	0.9698	0.9912	0.9973	0.5424	0.9876	0.9709	0.9661
27.6	0.9973	0.9725	0.9850	0.9974	0.3320	0.9823	0.9663	0.9550
27.7	0.9984	0.9793	0.9911	0.9984	0.2511	0.9897	0.9768	0.9555
27.8	0.9971	0.9756	0.9854	0.9972	0.1458	0.9865	0.9663	0.9484
27.9	0.9976	0.9734	0.9814	0.9975	0.3373	0.9864	0.9655	0.9584
28.0	0.9981	0.9827	0.9749	0.9979	0.5016	0.9849	0.9749	0.9756
28.1	0.9986	0.9859	0.9740	0.9982	0.6374	0.9751	0.9634	0.9445
28.2	0.9988	0.9904	0.9843	0.9989	0.7965	0.9886	0.9603	0.9430
28.3	0.9989	0.9913	0.9877	0.9990	0.8574	0.9920	0.9661	0.9695
28.4	0.9989	0.9872	0.9886	0.9988	0.8288	0.9926	0.9642	0.9734
28.5	0.9991	0.9871	0.9884	0.9987	0.8213	0.9909	0.9696	0.9808
28.6	0.9993	0.9886	0.9840	0.9989	0.9041	0.9869	0.9612	0.9780
28.7	0.9994	0.9866	0.9824	0.9991	0.9180	0.9886	0.9536	0.9764
28.8	0.9993	0.9876	0.9732	0.9988	0.9253	0.9905	0.9537	0.9737
28.9	0.9993	0.9878	0.9692	0.9990	0.9401	0.9922	0.9512	0.9763
29.0	0.9993	0.9835	0.9714	0.9990	0.9408	0.9943	0.9496	0.9812
29.1	0.9993	0.9849	0.9793	0.9991	0.9522	0.9965	0.9559	0.9866
29.2	0.9993	0.9860	0.9830	0.9991	0.9562	0.9967	0.9516	0.9876
29.3	0.9990	0.9827	0.9841	0.9990	0.9374	0.9969	0.9321	0.9850
29.4	0.9992	0.9883	0.9881	0.9992	0.9580	0.9974	0.9409	0.9871
29.5	0.9992	0.9893	0.9915	0.9993	0.9489	0.9955	0.9337	0.9798
29.6	0.9989	0.9802	0.9923	0.9990	0.9335	0.9973	0.9149	0.9806
29.7	0.9989	0.9771	0.9923	0.9991	0.9141	0.9972	0.8964	0.9823
29.8	0.9991	0.9853	0.9945	0.9992	0.8936	0.9973	0.9228	0.9860
29.9	0.9989	0.9855	0.9900	0.9989	0.8849	0.9964	0.9145	0.9857
30.0	0.9988	0.9743	0.9907	0.9990	0.8655	0.9969	0.8639	0.9808
30.1	0.9989	0.9696	0.9940	0.9991	0.8652	0.9979	0.9229	0.9883
30.2	0.9990	0.9758	0.9953	0.9991	0.8953	0.9978	0.9083	0.9887
30.3	0.9992	0.9769	0.9940	0.9993	0.9506	0.9984	0.9098	0.9888
30.4	0.9992	0.9769	0.9950	0.9992	0.9510	0.9985	0.9134	0.9890
30.5	0.9991	0.9730	0.9959	0.9992	0.9415	0.9984	0.9291	0.9910
30.6	0.9992	0.9654	0.9953	0.9993	0.9345	0.9982	0.8931	0.9891
30.7	0.9994	0.9732	0.9977	0.9994	0.9602	0.9985	0.9409	0.9951
30.8	0.9992	0.9574	0.9972	0.9993	0.9437	0.9979	0.8982	0.9920
30.9	0.9993	0.9645	0.9977	0.9993	0.9441	0.9986	0.9127	0.9919
31.0	0.9993	0.9611	0.9978	0.9993	0.9551	0.9986	0.8866	0.9899
31.1	0.9993	0.9568	0.9973	0.9994	0.9609	0.9985	0.8950	0.9905
31.2	0.9994	0.9564	0.9974	0.9993	0.9515	0.9983	0.9089	0.9911
31.3	0.9994	0.9345	0.9973	0.9993	0.9469	0.9983	0.8996	0.9901
31.4	0.9993	0.9279	0.9972	0.9992	0.9611	0.9984	0.8959	0.9911
31.5	0.9990	0.9029	0.9973	0.9991	0.9403	0.9982	0.8869	0.9886
31.6	0.9989	0.8793	0.9974	0.9993	0.9259	0.9981	0.8969	0.9903
31.7	0.9993	0.9006	0.9974	0.9993	0.9477	0.9985	0.9256	0.9931
31.8	0.9985	0.8576	0.9965	0.9990	0.9478	0.9978	0.8802	0.9917
31.9	0.9990	0.8966	0.9975	0.9993	0.9487	0.9982	0.8804	0.9941
32.0	0.9990	0.8883	0.9973	0.9991	0.9500	0.9979	0.8688	0.9924
32.1	0.9979	0.8962	0.9968	0.9982	0.9478	0.9973	0.8199	0.9920
32.2	0.9983	0.8838	0.9974	0.9985	0.9515	0.9977	0.8128	0.9941
32.3	0.9985	0.8423	0.9975	0.9982	0.9463	0.9977	0.7919	0.9911
32.4	0.9976	0.7916	0.9966	0.9975	0.9329	0.9964	0.7423	0.9874
32.5	0.9961	0.7425	0.9942	0.9959	0.8991	0.9945	0.5120	0.9807
32.6	0.9960	0.7804	0.9936	0.9947	0.9181	0.9944	0.3777	0.9831
32.7	0.9956	0.8071	0.9949	0.9950	0.9131	0.9944	0.1840	0.9824
32.8	0.9962	0.7836	0.9947	0.9952	0.8952	0.9960	0.1061	0.9749
32.9	0.9943	0.7881	0.9927	0.9929	0.8639	0.9956	0.0089	0.9729
33.0	0.9920	0.8312	0.9928	0.9912	0.8614	0.9936	0.0225	0.9756
33.1	0.9855	0.7993	0.9848	0.9853	0.8754	0.9873	0.0544	0.9593
33.2	0.9763	0.7151	0.9712	0.9751	0.7609	0.9825	0.0758	0.9459
33.3	0.9743	0.6910	0.9343	0.9706	0.7090	0.9786	0.2806	0.9245
33.4	0.9754	0.7958	0.8917	0.9741	0.7724	0.9761	0.4796	0.9323
33.5	0.9762	0.8885	0.8752	0.9766	0.8030	0.9771	0.6914	0.9468
33.6	0.9754	0.8872	0.8908	0.9749	0.8366	0.9754	0.7334	0.9444
33.7	0.9778	0.9050	0.9292	0.9758	0.8744	0.9737	0.7174	0.9491

33.8	0.9711	0.8720	0.9364	0.9689	0.8084	0.9740	0.7124	0.9417
33.9	0.9886	0.9404	0.9780	0.9887	0.8765	0.9878	0.7936	0.9746
34.0	0.9895	0.9306	0.9832	0.9914	0.9080	0.9907	0.7722	0.9752
34.1	0.9904	0.9326	0.9874	0.9929	0.9025	0.9911	0.8110	0.9798
34.2	0.9910	0.9215	0.9898	0.9931	0.9080	0.9917	0.8650	0.9834
34.3	0.9946	0.9350	0.9949	0.9965	0.9103	0.9904	0.8883	0.9879
34.4	0.9962	0.9336	0.9955	0.9973	0.8961	0.9928	0.8913	0.9890
34.5	0.9968	0.9388	0.9941	0.9972	0.8702	0.9914	0.8539	0.9886
34.6	0.9965	0.9164	0.9940	0.9972	0.8584	0.9919	0.8464	0.9892
34.7	0.9975	0.8968	0.9938	0.9979	0.8392	0.9922	0.8233	0.9909
34.8	0.9977	0.9016	0.9949	0.9980	0.8099	0.9929	0.7429	0.9926
34.9	0.9977	0.9362	0.9952	0.9981	0.8549	0.9932	0.7719	0.9944
35.0	0.9981	0.9538	0.9948	0.9983	0.8485	0.9922	0.7469	0.9929
35.1	0.9982	0.9658	0.9950	0.9983	0.8210	0.9912	0.7220	0.9929
35.2	0.9984	0.9727	0.9952	0.9984	0.8270	0.9893	0.6544	0.9933
35.3	0.9983	0.9801	0.9946	0.9984	0.7851	0.9870	0.4489	0.9937
35.4	0.9983	0.9827	0.9934	0.9982	0.6264	0.9833	0.2017	0.9919
35.5	0.9982	0.9842	0.9947	0.9980	0.6221	0.9809	0.1827	0.9931
35.6	0.9984	0.9881	0.9958	0.9982	0.6605	0.9841	0.3409	0.9932
35.7	0.9986	0.9884	0.9954	0.9985	0.7049	0.9837	0.5926	0.9940
35.8	0.9985	0.9840	0.9934	0.9982	0.6867	0.9750	0.6729	0.9889
35.9	0.9987	0.9896	0.9934	0.9984	0.7449	0.9827	0.8267	0.9913
36.0	0.9991	0.9923	0.9956	0.9990	0.8121	0.9909	0.9278	0.9920
36.1	0.9988	0.9896	0.9950	0.9984	0.7883	0.9907	0.9282	0.9889
36.2	0.9984	0.9845	0.9927	0.9983	0.7861	0.9905	0.9440	0.9848
36.3	0.9988	0.9890	0.9942	0.9987	0.8245	0.9948	0.9500	0.9873
36.4	0.9988	0.9886	0.9927	0.9986	0.8302	0.9952	0.9421	0.9856
36.5	0.9984	0.9868	0.9907	0.9982	0.8403	0.9927	0.9477	0.9791
36.6	0.9981	0.9891	0.9920	0.9981	0.8547	0.9951	0.9656	0.9840
36.7	0.9981	0.9904	0.9915	0.9982	0.8795	0.9961	0.9776	0.9855
36.8	0.9979	0.9916	0.9922	0.9981	0.9041	0.9970	0.9798	0.9874
36.9	0.9974	0.9910	0.9906	0.9976	0.9131	0.9966	0.9721	0.9870
37.0	0.9988	0.9938	0.9918	0.9988	0.9371	0.9969	0.9846	0.9882
37.1	0.9984	0.9921	0.9900	0.9981	0.9410	0.9965	0.9802	0.9813
37.2	0.9985	0.9928	0.9953	0.9983	0.9547	0.9979	0.9789	0.9828
37.3	0.9985	0.9929	0.9955	0.9985	0.9532	0.9977	0.9814	0.9844
37.4	0.9982	0.9934	0.9898	0.9979	0.9532	0.9973	0.9813	0.9745
37.5	0.9985	0.9942	0.9918	0.9982	0.9683	0.9978	0.9840	0.9803
37.6	0.9988	0.9954	0.9933	0.9986	0.9817	0.9984	0.9887	0.9858
37.7	0.9986	0.9925	0.9933	0.9985	0.9801	0.9980	0.9859	0.9788
37.8	0.9984	0.9907	0.9934	0.9983	0.9797	0.9979	0.9865	0.9726
37.9	0.9978	0.9899	0.9906	0.9975	0.9731	0.9972	0.9839	0.9665
38.0	0.9986	0.9895	0.9937	0.9984	0.9786	0.9978	0.9862	0.9735
38.1	0.9974	0.9840	0.9918	0.9972	0.9802	0.9979	0.9835	0.9746
38.2	0.9979	0.9862	0.9936	0.9975	0.9791	0.9984	0.9815	0.9728
38.3	0.9979	0.9865	0.9923	0.9975	0.9777	0.9979	0.9777	0.9699
38.4	0.9979	0.9827	0.9935	0.9978	0.9785	0.9978	0.9867	0.9796
38.5	0.9983	0.9854	0.9949	0.9983	0.9844	0.9985	0.9894	0.9832
38.6	0.9969	0.9759	0.9926	0.9966	0.9821	0.9980	0.9808	0.9690
38.7	0.9973	0.9707	0.9921	0.9966	0.9844	0.9975	0.9781	0.9600
38.8	0.9979	0.9761	0.9932	0.9976	0.9848	0.9973	0.9852	0.9725
38.9	0.9973	0.9717	0.9925	0.9970	0.9845	0.9972	0.9877	0.9718
39.0	0.9985	0.9738	0.9945	0.9983	0.9897	0.9983	0.9910	0.9745
39.1	0.9983	0.9739	0.9931	0.9981	0.9873	0.9982	0.9835	0.9670
39.2	0.9982	0.9726	0.9925	0.9980	0.9901	0.9979	0.9850	0.9455
39.3	0.9985	0.9719	0.9897	0.9981	0.9895	0.9971	0.9845	0.9195
39.4	0.9985	0.9714	0.9874	0.9982	0.9901	0.9972	0.9848	0.9003
39.5	0.9976	0.9727	0.9806	0.9971	0.9892	0.9956	0.9883	0.8637
39.6	0.9973	0.9765	0.9585	0.9968	0.9857	0.9930	0.9845	0.7925
39.7	0.9981	0.9750	0.9699	0.9979	0.9859	0.9947	0.9858	0.6549
39.8	0.9977	0.9804	0.9619	0.9974	0.9842	0.9958	0.9792	0.4899
39.9	0.9963	0.9784	0.9084	0.9957	0.9794	0.9949	0.9761	0.0791
40.0	0.9969	0.9844	0.8551	0.9964	0.9822	0.9959	0.9786	0.2774
40.1	0.9967	0.9806	0.7706	0.9960	0.9775	0.9939	0.9795	0.4206
40.2	0.9971	0.9843	0.8792	0.9967	0.9783	0.9949	0.9822	0.7732
40.3	0.9972	0.9875	0.9339	0.9968	0.9850	0.9965	0.9858	0.8719
40.4	0.9970	0.9793	0.9451	0.9966	0.9820	0.9929	0.9805	0.8823
40.5	0.9972	0.9767	0.9647	0.9972	0.9829	0.9931	0.9847	0.9036
40.6	0.9975	0.9747	0.9661	0.9970	0.9803	0.9945	0.9796	0.9135
40.7	0.9979	0.9768	0.9671	0.9972	0.9710	0.9924	0.9749	0.9255
40.8	0.9972	0.9842	0.9899	0.9966	0.9760	0.9954	0.9794	0.9609
40.9	0.9974	0.9852	0.9916	0.9970	0.9725	0.9946	0.9790	0.9664
41.0	0.9970	0.9790	0.9890	0.9964	0.9659	0.9945	0.9759	0.9687
41.1	0.9966	0.9752	0.9858	0.9958	0.9678	0.9936	0.9724	0.9647
41.2	0.9971	0.9651	0.9843	0.9960	0.9622	0.9881	0.9688	0.9601
41.3	0.9970	0.9746	0.9906	0.9969	0.9645	0.9879	0.9725	0.9298
41.4	0.9965	0.9711	0.9900	0.9965	0.9563	0.9847	0.9690	0.9420
41.5	0.9964	0.9740	0.9868	0.9963	0.9619	0.9803	0.9479	0.9638
41.6	0.9947	0.9458	0.9852	0.9950	0.9589	0.9807	0.9408	0.9764
41.7	0.9951	0.9396	0.9902	0.9946	0.9545	0.9892	0.9487	0.9833
41.8	0.9952	0.9574	0.9852	0.9945	0.9498	0.9838	0.9294	0.9761
41.9	0.9962	0.9771	0.9891	0.9962	0.9620	0.9892	0.9283	0.9789
42.0	0.9955	0.9713	0.9890	0.9958	0.9400	0.9795	0.9232	0.9779
42.1	0.9964	0.9698	0.9902	0.9966	0.9295	0.9832	0.9324	0.9825
42.2	0.9953	0.9613	0.9869	0.9952	0.9224	0.9833	0.9041	0.9807
42.3	0.9953	0.9667	0.9900	0.9950	0.9137	0.9845	0.8893	0.9831

42.4	0.9969	0.9653	0.9888	0.9969	0.9065	0.9857	0.9233	0.9803
42.5	0.9955	0.9648	0.9862	0.9955	0.9110	0.9841	0.9014	0.9784
42.6	0.9953	0.9496	0.9839	0.9951	0.8919	0.9849	0.8691	0.9821
42.7	0.9955	0.9151	0.9769	0.9954	0.8722	0.9814	0.7874	0.9744
42.8	0.9954	0.8373	0.9786	0.9949	0.8957	0.9823	0.7107	0.9668
42.9	0.9941	0.8163	0.9800	0.9943	0.9120	0.9813	0.7369	0.9670
43.0	0.9948	0.9049	0.9817	0.9953	0.9221	0.9816	0.7760	0.9774
43.1	0.9951	0.9270	0.9797	0.9954	0.8918	0.9829	0.7536	0.9772
43.2	0.9964	0.8700	0.9787	0.9966	0.8750	0.9797	0.7039	0.9644
43.3	0.9963	0.7918	0.9764	0.9962	0.8660	0.9590	0.6994	0.9570
43.4	0.9961	0.9179	0.9737	0.9961	0.8518	0.9344	0.7363	0.9557
43.5	0.9954	0.8663	0.9806	0.9953	0.8401	0.9617	0.7842	0.9379
43.6	0.9951	0.8677	0.9822	0.9953	0.8528	0.9602	0.7944	0.9450
43.7	0.9957	0.8881	0.9723	0.9961	0.8639	0.9581	0.8126	0.9382
43.8	0.9959	0.8477	0.9652	0.9964	0.8060	0.9642	0.7954	0.9010
43.9	0.9954	0.7915	0.9673	0.9959	0.8332	0.9627	0.7738	0.8954
44.0	0.9962	0.8027	0.9769	0.9962	0.8299	0.9615	0.8139	0.9077
44.1	0.9955	0.8421	0.9668	0.9960	0.7132	0.9369	0.7631	0.8046
44.2	0.9953	0.8612	0.9662	0.9959	0.6199	0.9399	0.7641	0.7449
44.3	0.9947	0.8612	0.9639	0.9952	0.7042	0.9455	0.7060	0.8070
44.4	0.9959	0.8369	0.9644	0.9956	0.6589	0.9204	0.6313	0.8707
44.5	0.9967	0.8433	0.9637	0.9965	0.5848	0.9100	0.6637	0.8915
44.6	0.9969	0.8121	0.9713	0.9970	0.5852	0.9172	0.7485	0.8653
44.7	0.9964	0.7695	0.9727	0.9967	0.6033	0.6674	0.7293	0.8364
44.8	0.9962	0.5733	0.9621	0.9962	0.5788	0.5703	0.6553	0.7404
44.9	0.9967	0.3848	0.9346	0.9971	0.6557	0.9133	0.6732	0.8114
45.0	0.9961	0.3035	0.9112	0.9967	0.6697	0.9384	0.5887	0.8601
45.1	0.9967	0.2956	0.9427	0.9968	0.6797	0.9451	0.5211	0.8685
45.2	0.9961	0.4055	0.9469	0.9962	0.6342	0.9503	0.5762	0.8713
45.3	0.9953	0.4992	0.9345	0.9957	0.6935	0.9397	0.5198	0.8530
45.4	0.9966	0.4449	0.9445	0.9966	0.7091	0.9413	0.6378	0.8112
45.5	0.9973	0.4391	0.9670	0.9974	0.7022	0.8823	0.6993	0.8685
45.6	0.9968	0.5179	0.9617	0.9971	0.5483	0.8642	0.6703	0.8195
45.7	0.9965	0.5738	0.9612	0.9968	0.5871	0.9091	0.6819	0.8101
45.8	0.9956	0.4652	0.9448	0.9956	0.4689	0.8981	0.4864	0.8093
45.9	0.9959	0.5047	0.9360	0.9960	0.4620	0.9105	0.6178	0.7741
46.0	0.9929	0.3785	0.9268	0.9934	0.5202	0.8933	0.6280	0.7653
46.1	0.9925	0.3189	0.9502	0.9932	0.5253	0.8459	0.6614	0.6531
46.2	0.9936	0.2215	0.9579	0.9937	0.5567	0.8706	0.6442	0.6949
46.3	0.9951	0.2485	0.9543	0.9956	0.6550	0.8530	0.6630	0.7263
46.4	0.9964	0.1296	0.9446	0.9962	0.6227	0.8328	0.7004	0.7657
46.5	0.9959	0.1338	0.9411	0.9952	0.5367	0.8123	0.7227	0.7439
46.6	0.9948	0.0800	0.9458	0.9943	0.4837	0.6775	0.7060	0.6887
46.7	0.9959	0.2244	0.9310	0.9949	0.4149	0.8064	0.7115	0.4987
46.8	0.9958	0.3518	0.9384	0.9948	0.4028	0.8679	0.7418	0.4284
46.9	0.9962	0.2271	0.9427	0.9954	0.2889	0.8932	0.7775	0.3884
47.0	0.9960	0.3226	0.9331	0.9953	0.2576	0.9229	0.7697	0.3791
47.1	0.9951	0.5441	0.9167	0.9942	0.2580	0.9079	0.6496	0.4602
47.2	0.9936	0.4191	0.8904	0.9933	0.3624	0.8745	0.6331	0.4486
47.3	0.9943	0.2457	0.8322	0.9943	0.1925	0.9131	0.6646	0.5450
47.4	0.9940	0.2976	0.8166	0.9941	0.1174	0.9290	0.7329	0.6125
47.5	0.9952	0.4208	0.8987	0.9949	0.0622	0.9465	0.7726	0.6684
47.6	0.9959	0.4024	0.8565	0.9950	0.2063	0.9467	0.6939	0.6185
47.7	0.9960	0.5490	0.6379	0.9949	0.2901	0.9463	0.6161	0.6526
47.8	0.9948	0.6116	0.7154	0.9941	0.2610	0.9418	0.6462	0.5993
47.9	0.9948	0.5406	0.8561	0.9939	0.3566	0.9249	0.6637	0.5200
48.0	0.9950	0.4363	0.8760	0.9947	0.4761	0.9486	0.6487	0.6441
48.1	0.9954	0.3455	0.7869	0.9951	0.4424	0.9626	0.6664	0.7895
48.2	0.9919	0.4240	0.6966	0.9916	0.2503	0.9634	0.5836	0.7647
48.3	0.9911	0.5893	0.6324	0.9907	0.2491	0.9465	0.5622	0.7196
48.4	0.9932	0.6950	0.7745	0.9928	0.2901	0.9651	0.6459	0.7873
48.5	0.9945	0.7431	0.7882	0.9937	0.3340	0.9510	0.6567	0.7661
48.6	0.9944	0.7904	0.6781	0.9930	0.4654	0.9538	0.7362	0.8179
48.7	0.9924	0.7911	0.4309	0.9912	0.4576	0.9555	0.6696	0.8492
48.8	0.9943	0.8504	0.7787	0.9934	0.4255	0.9662	0.8065	0.8461
48.9	0.9951	0.7400	0.7992	0.9943	0.2941	0.9621	0.7943	0.7331
49.0	0.9935	0.2011	0.6826	0.9926	0.3493	0.9720	0.7479	0.7536
49.1	0.9938	0.3080	0.5653	0.9930	0.4353	0.9774	0.7398	0.8291
49.2	0.9941	0.5878	0.4374	0.9938	0.3925	0.9823	0.6975	0.8625
49.3	0.9930	0.6015	0.5481	0.9930	0.2961	0.9830	0.7214	0.8262
49.4	0.9937	0.7687	0.5338	0.9936	0.3541	0.9862	0.7459	0.8203
49.5	0.9927	0.6186	0.5431	0.9928	0.5010	0.9855	0.7664	0.8580
49.6	0.9941	0.5407	0.7985	0.9926	0.5279	0.9883	0.7573	0.8868
49.7	0.9926	0.6747	0.7434	0.9897	0.4599	0.9884	0.6982	0.8610
49.8	0.9945	0.8560	0.7012	0.9936	0.5206	0.9918	0.7858	0.8959
49.9	0.9947	0.8437	0.6923	0.9941	0.4570	0.9912	0.7988	0.8977
50.0	0.9944	0.7627	0.6898	0.9927	0.4566	0.9908	0.8283	0.9205
50.1	0.9948	0.8010	0.7744	0.9933	0.5930	0.9913	0.8435	0.9294
50.2	0.9951	0.8313	0.8605	0.9936	0.5785	0.9918	0.8365	0.9465
50.3	0.9956	0.8123	0.8979	0.9939	0.3400	0.9948	0.8339	0.9573
50.4	0.9947	0.5786	0.8875	0.9934	0.2536	0.9935	0.8305	0.9432
50.5	0.9958	0.7078	0.9317	0.9955	0.3521	0.9949	0.8620	0.9434
50.6	0.9956	0.7362	0.9182	0.9947	0.4056	0.9945	0.8598	0.9352
50.7	0.9950	0.6240	0.9045	0.9943	0.3485	0.9945	0.8685	0.9397
50.8	0.9912	0.4294	0.8832	0.9883	0.2215	0.9786	0.7918	0.8810
50.9	0.9932	0.6552	0.8827	0.9909	0.2817	0.9808	0.7611	0.9170

51.0	0.9940	0.7643	0.9129	0.9934	0.2365	0.9922	0.7789	0.9494
51.1	0.9946	0.7627	0.9303	0.9941	0.3438	0.9945	0.7985	0.9517
51.2	0.9948	0.8207	0.9332	0.9938	0.3732	0.9949	0.7822	0.9563
51.3	0.9936	0.8141	0.9382	0.9914	0.3436	0.9945	0.7400	0.9392
51.4	0.9933	0.7854	0.9476	0.9895	0.3749	0.9950	0.8071	0.9499
51.5	0.9941	0.7521	0.9515	0.9912	0.3444	0.9951	0.8370	0.9643
51.6	0.9934	0.8068	0.9536	0.9920	0.3630	0.9956	0.8404	0.9566
51.7	0.9925	0.6671	0.9496	0.9885	0.3033	0.9951	0.8119	0.9461
51.8	0.9948	0.6874	0.9555	0.9909	0.2805	0.9939	0.8264	0.9509
51.9	0.9952	0.4683	0.9435	0.9921	0.2492	0.9873	0.8270	0.9074
52.0	0.9947	0.3711	0.9405	0.9934	0.2166	0.9796	0.8478	0.9131
52.1	0.9923	0.7095	0.9553	0.9902	0.1973	0.9901	0.8147	0.9486
52.2	0.9931	0.7305	0.9597	0.9905	0.2038	0.9925	0.8027	0.9482
52.3	0.9954	0.5453	0.9747	0.9929	0.3258	0.9941	0.8744	0.9639
52.4	0.9951	0.6661	0.9730	0.9929	0.2705	0.9914	0.8340	0.9476
52.5	0.9958	0.8269	0.9691	0.9942	0.2302	0.9900	0.8248	0.9506
52.6	0.9949	0.7347	0.9720	0.9935	0.2184	0.9938	0.8362	0.9562
52.7	0.9950	0.5801	0.9688	0.9934	0.4054	0.9924	0.8619	0.9547
52.8	0.9946	0.5144	0.9724	0.9928	0.2362	0.9925	0.8967	0.9635
52.9	0.9935	0.7121	0.9678	0.9927	0.1092	0.9929	0.8606	0.9689
53.0	0.9929	0.6974	0.9614	0.9927	0.1546	0.9906	0.8228	0.9547
53.1	0.9929	0.7383	0.9567	0.9930	0.4160	0.9923	0.8812	0.9683
53.2	0.9949	0.8473	0.9600	0.9950	0.4542	0.9930	0.9127	0.9780
53.3	0.9953	0.8616	0.9622	0.9957	0.3651	0.9928	0.8670	0.9764
53.4	0.9935	0.7342	0.9561	0.9938	0.3790	0.9860	0.8106	0.9524
53.5	0.9954	0.7032	0.9470	0.9952	0.5627	0.9845	0.8870	0.9623
53.6	0.9964	0.6519	0.9450	0.9958	0.6797	0.9896	0.8963	0.9753
53.7	0.9949	0.6214	0.9566	0.9946	0.5968	0.9905	0.8727	0.9724
53.8	0.9931	0.4885	0.9678	0.9926	0.3822	0.9907	0.8434	0.9729
53.9	0.9927	0.3738	0.9731	0.9924	0.3749	0.9921	0.8880	0.9769
54.0	0.9909	0.1576	0.9469	0.9906	0.4452	0.9842	0.8404	0.9511
54.1	0.9944	0.1111	0.9595	0.9943	0.6107	0.9834	0.8418	0.9514
54.2	0.9937	0.1086	0.9634	0.9924	0.6309	0.9833	0.7980	0.9465
54.3	0.9929	0.2517	0.9775	0.9925	0.6822	0.9890	0.8373	0.9643
54.4	0.9935	0.3147	0.9806	0.9938	0.5832	0.9903	0.8328	0.9723
54.5	0.9930	0.3764	0.9747	0.9929	0.4597	0.9835	0.7830	0.9510
54.6	0.9921	0.4263	0.9761	0.9925	0.4093	0.9841	0.7957	0.9483
54.7	0.9936	0.5564	0.9784	0.9935	0.5209	0.9889	0.8487	0.9377
54.8	0.9938	0.5732	0.9824	0.9911	0.4516	0.9870	0.8212	0.9241
54.9	0.9932	0.7285	0.9835	0.9926	0.3799	0.9903	0.8071	0.9285
55.0	0.9913	0.7135	0.9791	0.9906	0.4054	0.9878	0.7433	0.9067
55.1	0.9934	0.7172	0.9807	0.9921	0.3236	0.9875	0.7190	0.8936
55.2	0.9944	0.7259	0.9785	0.9931	0.2533	0.9897	0.6780	0.8723
55.3	0.9929	0.6218	0.9746	0.9905	0.1615	0.9895	0.7016	0.8938
55.4	0.9918	0.5883	0.9708	0.9908	0.1789	0.9902	0.7782	0.8951
55.5	0.9869	0.4945	0.9637	0.9837	0.2081	0.9882	0.6445	0.8588
55.6	0.9930	0.6501	0.9775	0.9896	0.2595	0.9919	0.6761	0.8913
55.7	0.9909	0.6500	0.9558	0.9869	0.1904	0.9884	0.6588	0.8869
55.8	0.9902	0.5630	0.9559	0.9854	0.3349	0.9876	0.5962	0.8281
55.9	0.9900	0.4278	0.9533	0.9852	0.4444	0.9896	0.6678	0.8540
56.0	0.9914	0.3762	0.9380	0.9875	0.3481	0.9886	0.6605	0.8532
56.1	0.9904	0.5384	0.9350	0.9884	0.3709	0.9887	0.6512	0.8412
56.2	0.9877	0.4305	0.9082	0.9811	0.3880	0.9861	0.5701	0.8494
56.3	0.9886	0.3163	0.9182	0.9810	0.3987	0.9829	0.4767	0.8099
56.4	0.9910	0.4293	0.9451	0.9856	0.4715	0.9887	0.5136	0.7880
56.5	0.9873	0.2493	0.9351	0.9816	0.4837	0.9862	0.5230	0.7750
56.6	0.9869	0.2342	0.9139	0.9795	0.3825	0.9858	0.5866	0.7887
56.7	0.9862	0.2888	0.9065	0.9788	0.3370	0.9858	0.5172	0.8174
56.8	0.9889	0.3085	0.9044	0.9848	0.3256	0.9893	0.4637	0.8548
56.9	0.9904	0.3764	0.9048	0.9847	0.3820	0.9890	0.3994	0.8463
57.0	0.9842	0.2055	0.8448	0.9781	0.3655	0.9869	0.3076	0.7883
57.1	0.9787	0.2859	0.8284	0.9736	0.3656	0.9861	0.3041	0.7495
57.2	0.9794	0.2865	0.8455	0.9768	0.4377	0.9880	0.3718	0.8083
57.3	0.9783	0.2482	0.8406	0.9701	0.4551	0.9886	0.2452	0.7605
57.4	0.9746	0.2211	0.8312	0.9563	0.3311	0.9824	0.0805	0.7096
57.5	0.9699	0.2846	0.8058	0.9520	0.2792	0.9807	0.1174	0.6426
57.6	0.9727	0.2698	0.8455	0.9579	0.2633	0.9809	0.2123	0.5778
57.7	0.9742	0.4007	0.8508	0.9595	0.3950	0.9816	0.0556	0.6546
57.8	0.9780	0.4519	0.8832	0.9520	0.3194	0.9802	0.0675	0.6651
57.9	0.9843	0.5755	0.9103	0.9588	0.4311	0.9795	0.1023	0.7666
58.0	0.9791	0.6344	0.9093	0.9580	0.3793	0.9855	0.1033	0.7284
58.1	0.9722	0.5882	0.9058	0.9534	0.4006	0.9841	0.2290	0.6854
58.2	0.9682	0.5801	0.8827	0.9547	0.3641	0.9763	0.2394	0.6427
58.3	0.9647	0.5634	0.8526	0.9460	0.3538	0.9717	0.1570	0.6089
58.4	0.9573	0.6248	0.8562	0.9308	0.3246	0.9673	0.2171	0.4762
58.5	0.9671	0.6467	0.9098	0.9399	0.3802	0.9769	0.2802	0.4971
58.6	0.9336	0.4863	0.9150	0.9287	0.4480	0.9618	0.2786	0.3237
58.7	0.9394	0.4924	0.9158	0.9365	0.4601	0.9635	0.2564	0.4579
58.8	0.9497	0.7315	0.9135	0.9235	0.4817	0.9720	0.3939	0.5776
58.9	0.9405	0.7826	0.8883	0.9042	0.4251	0.9671	0.2874	0.5354
59.0	0.9562	0.8428	0.9139	0.9322	0.4431	0.9662	0.3748	0.5813
59.1	0.9579	0.8565	0.9170	0.9393	0.5975	0.9706	0.3651	0.6523
59.2	0.9526	0.8394	0.9016	0.9399	0.5451	0.9791	0.3360	0.6158
59.3	0.9486	0.8345	0.8997	0.9167	0.4063	0.9772	0.2999	0.5218
59.4	0.9350	0.8779	0.9207	0.9129	0.4830	0.9836	0.2865	0.5254
59.5	0.9410	0.8999	0.9253	0.9156	0.6074	0.9855	0.4253	0.5993

59.6	0.9392	0.8842	0.9105	0.8800	0.5280	0.9827	0.3417	0.5005
59.7	0.9478	0.8739	0.9073	0.8835	0.5368	0.9816	0.3193	0.4490
59.8	0.9462	0.8423	0.9075	0.9033	0.5500	0.9800	0.3232	0.5077
59.9	0.9194	0.8340	0.7651	0.7975	0.5256	0.9797	0.1582	0.5231
60.0	0.8968	0.7985	0.5445	0.5975	0.6046	0.9844	0.1479	0.4950
60.1	0.9129	0.8173	0.7763	0.7143	0.5383	0.9814	0.1777	0.3009
60.2	0.9127	0.7099	0.8535	0.7947	0.5464	0.9677	0.1385	0.2919
60.3	0.9289	0.7775	0.8677	0.8904	0.5808	0.9745	0.0872	0.3768
60.4	0.9188	0.7945	0.8724	0.8585	0.5903	0.9793	0.1189	0.3702
60.5	0.9156	0.7661	0.8882	0.7801	0.5920	0.9788	0.2139	0.4002
60.6	0.9118	0.7788	0.8747	0.7702	0.5107	0.9717	0.0964	0.3781
60.7	0.9259	0.7993	0.8911	0.8189	0.6694	0.9781	0.1001	0.4101
60.8	0.9326	0.6960	0.9034	0.8165	0.6143	0.9705	0.0975	0.4092
60.9	0.9463	0.7053	0.9194	0.7953	0.4848	0.9660	0.1902	0.3464
61.0	0.9201	0.7272	0.9070	0.8210	0.5328	0.9724	0.1484	0.3399
61.1	0.9022	0.6113	0.8647	0.7919	0.4657	0.9565	0.0481	0.2169
61.2	0.8787	0.5593	0.8451	0.7337	0.4679	0.9512	0.0933	0.3995
61.3	0.9160	0.6478	0.9104	0.7675	0.5416	0.9643	0.2284	0.4949
61.4	0.9116	0.6447	0.8765	0.6767	0.4908	0.9497	0.0767	0.3526
61.5	0.9127	0.5551	0.8774	0.7166	0.5901	0.9550	0.1075	0.3682
61.6	0.8978	0.5918	0.8780	0.6558	0.5858	0.9535	0.1028	0.2737
61.7	0.9113	0.6361	0.9018	0.7089	0.4969	0.9527	0.0575	0.3178
61.8	0.9027	0.5366	0.8963	0.7021	0.4710	0.9508	0.0640	0.3211
61.9	0.8954	0.4065	0.8884	0.6835	0.3603	0.9417	0.0008	0.2954
62.0	0.8956	0.5709	0.9054	0.6124	0.4602	0.9518	0.0161	0.3543
62.1	0.8749	0.5864	0.8858	0.5709	0.4749	0.9433	0.0125	0.4196
62.2	0.8676	0.4902	0.8558	0.5509	0.3250	0.9168	0.0042	0.3257
62.3	0.9129	0.6053	0.8901	0.5862	0.3964	0.9372	0.0439	0.3631
62.4	0.8560	0.5484	0.8987	0.5613	0.4637	0.9512	0.0014	0.4187
62.5	0.7844	0.4569	0.8766	0.4785	0.2394	0.9310	0.0066	0.2921
62.6	0.8170	0.5297	0.8976	0.4839	0.4187	0.9401	0.0104	0.3803
62.7	0.8518	0.6115	0.8972	0.4670	0.4311	0.9428	0.0737	0.2602
62.8	0.8751	0.5800	0.9269	0.5674	0.3913	0.9556	0.0749	0.3186
62.9	0.8593	0.5997	0.9341	0.5779	0.4139	0.9610	0.1220	0.4265
63.0	0.8125	0.5625	0.9000	0.4538	0.4223	0.9489	0.2121	0.3169
63.1	0.8503	0.5704	0.9283	0.4596	0.5143	0.9554	0.2954	0.3242
63.2	0.8391	0.6064	0.9210	0.5824	0.4588	0.9531	0.2480	0.2896
63.3	0.8087	0.6269	0.9146	0.4600	0.4956	0.9610	0.1708	0.3774
63.4	0.7462	0.5109	0.9083	0.4349	0.3457	0.9576	0.2304	0.3744
63.5	0.7720	0.5920	0.9142	0.4419	0.3350	0.9441	0.2914	0.3430
63.6	0.7861	0.4846	0.9187	0.4708	0.3823	0.9424	0.4768	0.2838
63.7	0.7525	0.4977	0.9292	0.5873	0.2952	0.9509	0.3578	0.3233
63.8	0.7677	0.5906	0.9263	0.5830	0.3453	0.9508	0.4511	0.3470
63.9	0.7237	0.6123	0.9150	0.4789	0.3763	0.9463	0.4235	0.3609
64.0	0.7672	0.5127	0.9220	0.3571	0.3314	0.9507	0.3910	0.3522
64.1	0.7170	0.4474	0.8903	0.4591	0.2459	0.9402	0.4125	0.3867
64.2	0.6977	0.4694	0.9297	0.4396	0.1786	0.9538	0.5093	0.3822
64.3	0.7909	0.5875	0.9359	0.4643	0.1478	0.9611	0.5688	0.3305
64.4	0.7606	0.4870	0.9208	0.4586	0.1386	0.9413	0.4988	0.4118
64.5	0.7618	0.5093	0.9342	0.4765	0.3352	0.9565	0.5572	0.3898
64.6	0.7305	0.2948	0.8955	0.3409	0.1210	0.9438	0.3813	0.3183
64.7	0.7201	0.3265	0.9046	0.4018	0.1348	0.9523	0.4669	0.3880
64.8	0.7563	0.5323	0.9232	0.5220	0.3270	0.9590	0.6406	0.3488
64.9	0.6745	0.4430	0.8817	0.4531	0.2169	0.9452	0.5409	0.4274
65.0	0.6713	0.3532	0.8817	0.2681	0.0909	0.9423	0.3702	0.3558
65.1	0.7083	0.3676	0.8806	0.3925	0.2369	0.9515	0.4178	0.2965
65.2	0.7736	0.5310	0.9243	0.5667	0.3153	0.9686	0.5002	0.3290
65.3	0.7440	0.4325	0.9312	0.3972	0.1689	0.9606	0.4976	0.3538
65.4	0.7295	0.3094	0.9133	0.4409	0.0950	0.9559	0.5351	0.3091
65.5	0.7596	0.4401	0.9194	0.4317	0.1341	0.9617	0.5994	0.3599
65.6	0.7755	0.4700	0.9272	0.3627	0.2733	0.9623	0.5551	0.3640
65.7	0.6817	0.3879	0.8902	0.4044	0.2104	0.9458	0.5005	0.3075
65.8	0.7395	0.3297	0.8723	0.3272	0.0755	0.9254	0.5056	0.2937
65.9	0.7510	0.3816	0.8851	0.4728	0.0894	0.9486	0.5964	0.3927
66.0	0.6911	0.4569	0.8850	0.3928	0.1960	0.9494	0.5646	0.3501
66.1	0.4811	0.2655	0.8550	0.4184	0.0697	0.9469	0.5194	0.4326
66.2	0.6322	0.4054	0.8816	0.4562	0.1426	0.9473	0.5588	0.4445
66.3	0.6354	0.4004	0.8363	0.3009	0.1056	0.9300	0.5431	0.4127
66.4	0.5256	0.3270	0.7540	0.2102	0.0889	0.9003	0.3467	0.2150
66.5	0.5575	0.3285	0.8371	0.4740	0.1143	0.9184	0.4342	0.2409
66.6	0.6689	0.4655	0.8709	0.5897	0.0631	0.9513	0.4941	0.3443
66.7	0.6435	0.4217	0.8691	0.5226	0.0443	0.9504	0.4660	0.4592
66.8	0.5354	0.3424	0.7752	0.3529	0.0225	0.9016	0.3582	0.3724
66.9	0.5268	0.3877	0.7433	0.4843	0.0085	0.9271	0.4037	0.2988
67.0	0.5997	0.2867	0.7704	0.5440	0.0001	0.9185	0.3211	0.2841
67.1	0.6993	0.3175	0.8161	0.5012	0.0131	0.8993	0.4769	0.2936
67.2	0.6291	0.3626	0.7298	0.3536	0.0482	0.9071	0.3884	0.2824
67.3	0.6568	0.5575	0.7167	0.4359	0.0765	0.8894	0.4189	0.3228
67.4	0.5270	0.4386	0.6836	0.4869	0.0209	0.8835	0.4593	0.2726
67.5	0.4873	0.2747	0.5993	0.4396	0.0094	0.8492	0.3696	0.1962
67.6	0.5984	0.4996	0.7431	0.4187	0.0406	0.8685	0.4540	0.2072
67.7	0.5958	0.5054	0.7761	0.4404	0.0395	0.9104	0.5119	0.2166
67.8	0.5526	0.2917	0.6287	0.4959	0.1112	0.8798	0.3097	0.2359
67.9	0.5056	0.3579	0.5521	0.5668	0.0186	0.8769	0.3321	0.2102
68.0	0.5285	0.4040	0.6068	0.5094	0.0109	0.8592	0.3414	0.2306
68.1	0.5755	0.5195	0.5836	0.3978	0.0226	0.8475	0.3837	0.2460

68.2	0.5475	0.5393	0.6139	0.4029	0.0794	0.8517	0.4295	0.2791
68.3	0.5182	0.4128	0.5474	0.3075	0.1019	0.7932	0.3670	0.2072
68.4	0.4968	0.3252	0.5122	0.2794	0.0530	0.7957	0.3564	0.1308
68.5	0.5721	0.4576	0.6666	0.3252	0.0952	0.8337	0.3589	0.2793
68.6	0.6627	0.5263	0.6350	0.2784	0.0576	0.8180	0.4251	0.2579
68.7	0.6330	0.5048	0.5785	0.3444	0.0069	0.8206	0.5237	0.2987
68.8	0.5686	0.5078	0.5608	0.2256	0.0657	0.7674	0.4839	0.2912
68.9	0.5893	0.4131	0.5846	0.2674	0.2246	0.7618	0.5427	0.1906
69.0	0.4977	0.3434	0.4791	0.3733	0.2324	0.7561	0.3988	0.1420
69.1	0.6003	0.4678	0.5868	0.3334	0.1177	0.7552	0.4106	0.2196
69.2	0.5879	0.5723	0.6212	0.2051	0.1963	0.6694	0.4630	0.2433
69.3	0.5347	0.4810	0.6342	0.1454	0.1224	0.6828	0.4980	0.1970
69.4	0.6174	0.5421	0.6815	0.2448	0.1554	0.6900	0.5060	0.2464
69.5	0.5734	0.3733	0.6053	0.2511	0.1712	0.6712	0.4492	0.3030
69.6	0.6819	0.5182	0.7331	0.2786	0.0751	0.7060	0.5419	0.2894
69.7	0.6832	0.5596	0.7612	0.3477	0.0576	0.7340	0.5644	0.2295
69.8	0.6995	0.5242	0.7709	0.1816	0.1199	0.7728	0.4776	0.3049
69.9	0.6768	0.5745	0.7604	0.1390	0.1187	0.7421	0.5720	0.4125
70.0	0.6365	0.5956	0.7758	0.2651	0.0995	0.7294	0.6787	0.4396
70.1	0.6685	0.5168	0.7649	0.0831	0.1035	0.7160	0.5258	0.4104
70.2	0.5828	0.3993	0.7343	0.1252	0.0811	0.7234	0.4941	0.4212
70.3	0.5661	0.2472	0.7446	0.1310	0.1524	0.7353	0.5005	0.4814
70.4	0.6108	0.3627	0.8248	0.2779	0.1529	0.8106	0.6743	0.4504
70.5	0.6943	0.4575	0.8378	0.3216	0.0831	0.7886	0.7051	0.4959
70.6	0.7682	0.5564	0.8244	0.2077	0.0305	0.7934	0.6236	0.5089
70.7	0.7688	0.5268	0.8240	0.3450	0.0165	0.7858	0.6368	0.5786
70.8	0.7449	0.3819	0.8314	0.3623	0.0752	0.8218	0.6243	0.5724
70.9	0.8105	0.4784	0.8829	0.4531	0.1840	0.8572	0.7449	0.7071
71.0	0.7772	0.4863	0.8793	0.4722	0.0558	0.8778	0.7818	0.7252
71.1	0.6992	0.4533	0.8707	0.2588	0.0527	0.8444	0.7355	0.6728
71.2	0.7783	0.5580	0.9146	0.3001	0.0842	0.8248	0.7501	0.7043
71.3	0.8050	0.5751	0.9039	0.3158	0.0877	0.8526	0.7760	0.7363
71.4	0.8189	0.6072	0.9025	0.2546	0.0172	0.8571	0.7662	0.7610
71.5	0.8201	0.5812	0.9233	0.3448	0.1186	0.8738	0.7905	0.7788
71.6	0.7862	0.6328	0.9025	0.2188	0.1352	0.8022	0.7869	0.7695
71.7	0.8619	0.6857	0.9106	0.2379	0.0823	0.8157	0.8093	0.8443
71.8	0.9035	0.7456	0.9439	0.2118	0.2589	0.8885	0.8698	0.8559
71.9	0.8924	0.7522	0.9527	0.1331	0.2190	0.8979	0.8569	0.8256
72.0	0.8643	0.7211	0.9370	0.1535	0.2183	0.8590	0.8338	0.8085
72.1	0.8722	0.7169	0.9276	0.2065	0.2971	0.8524	0.8555	0.8411
72.2	0.8774	0.7436	0.9299	0.2702	0.4236	0.8753	0.8386	0.8315
72.3	0.8626	0.7159	0.9295	0.2110	0.2713	0.8671	0.7916	0.7790
72.4	0.8792	0.7768	0.9398	0.2218	0.3788	0.8575	0.8331	0.8192
72.5	0.8579	0.6808	0.9183	0.2345	0.3022	0.8224	0.8267	0.8431
72.6	0.8848	0.7152	0.9175	0.4260	0.3304	0.7990	0.8063	0.8355
72.7	0.8944	0.7756	0.9458	0.4654	0.4248	0.7926	0.8382	0.8463
72.8	0.9145	0.8529	0.9543	0.5817	0.4490	0.8662	0.8628	0.8797
72.9	0.9379	0.8520	0.9653	0.6173	0.4403	0.8758	0.8768	0.8942
73.0	0.9072	0.7982	0.9478	0.5908	0.5181	0.8246	0.8521	0.8597
73.1	0.9126	0.8153	0.9473	0.6665	0.5459	0.8018	0.8678	0.8684
73.2	0.9266	0.8113	0.9438	0.6224	0.5289	0.8316	0.8702	0.8623
73.3	0.9141	0.8269	0.9380	0.6474	0.5525	0.8228	0.8714	0.8809
73.4	0.9014	0.8364	0.9362	0.5773	0.5466	0.7724	0.8142	0.8344
73.5	0.9202	0.8545	0.9498	0.6586	0.4939	0.7231	0.8325	0.8473
73.6	0.9193	0.8097	0.9366	0.6784	0.5722	0.7393	0.8602	0.8898
73.7	0.9126	0.8242	0.9413	0.7259	0.5367	0.7421	0.8304	0.8664
73.8	0.9291	0.8651	0.9560	0.7898	0.6053	0.7959	0.8481	0.8669
73.9	0.9291	0.8506	0.9565	0.7949	0.6960	0.7220	0.8715	0.8859
74.0	0.9377	0.8479	0.9553	0.7905	0.7122	0.6502	0.8615	0.8672
74.1	0.9470	0.8355	0.9630	0.8318	0.6253	0.6456	0.8648	0.8789
74.2	0.9402	0.8625	0.9639	0.8608	0.6156	0.7401	0.8721	0.8836
74.3	0.9403	0.8745	0.9651	0.8880	0.6792	0.7784	0.8718	0.8880
74.4	0.9476	0.8977	0.9714	0.8899	0.7295	0.7675	0.8926	0.9112
74.5	0.9448	0.8634	0.9631	0.8663	0.7030	0.6990	0.8739	0.8911
74.6	0.9334	0.8138	0.9506	0.8333	0.6295	0.5257	0.8223	0.8537
74.7	0.9373	0.8180	0.9533	0.8498	0.6745	0.5130	0.8511	0.8804
74.8	0.9259	0.8002	0.9512	0.8373	0.6295	0.5187	0.8600	0.8801
74.9	0.9331	0.8502	0.9559	0.8486	0.6564	0.6058	0.8680	0.8968
75.0	0.9412	0.8615	0.9587	0.8639	0.7129	0.6472	0.9178	0.9329
75.1	0.9283	0.8272	0.9482	0.8289	0.6936	0.5831	0.8959	0.9097
75.2	0.9296	0.8126	0.9545	0.8294	0.6294	0.5269	0.8485	0.8725
75.3	0.9524	0.8660	0.9712	0.8922	0.7014	0.6322	0.9072	0.9145
75.4	0.9560	0.8799	0.9673	0.8876	0.7185	0.6117	0.9068	0.9205
75.5	0.9484	0.8670	0.9701	0.8819	0.6682	0.5824	0.9026	0.9165
75.6	0.9427	0.8637	0.9649	0.8759	0.7556	0.5454	0.9117	0.9282
75.7	0.9626	0.8861	0.9736	0.9062	0.7889	0.6073	0.9237	0.9375
75.8	0.9592	0.9042	0.9771	0.9040	0.8287	0.6323	0.9229	0.9391
75.9	0.9468	0.8768	0.9671	0.8773	0.7474	0.5419	0.9134	0.9237
76.0	0.9377	0.8459	0.9553	0.8442	0.6730	0.4761	0.8810	0.8956
76.1	0.9604	0.8923	0.9678	0.8640	0.7615	0.4779	0.9048	0.9206
76.2	0.9566	0.9101	0.9739	0.9028	0.8069	0.6159	0.9087	0.9236
76.3	0.9509	0.8917	0.9647	0.9163	0.7548	0.6049	0.9112	0.9244
76.4	0.9694	0.9162	0.9733	0.9095	0.7870	0.5412	0.9371	0.9500
76.5	0.9617	0.9227	0.9707	0.9144	0.7882	0.6158	0.9161	0.9320
76.6	0.9550	0.9095	0.9640	0.9263	0.8068	0.5755	0.9039	0.9087
76.7	0.9605	0.9302	0.9710	0.9421	0.8676	0.7094	0.9135	0.9164

76.8	0.9697	0.9219	0.9795	0.9438	0.8669	0.7081	0.9333	0.9416
76.9	0.9740	0.9235	0.9818	0.9527	0.8707	0.6841	0.9362	0.9444
77.0	0.9688	0.9108	0.9772	0.9291	0.8452	0.5955	0.9499	0.9551
77.1	0.9708	0.9199	0.9765	0.9400	0.8863	0.7029	0.9599	0.9610
77.2	0.9604	0.8942	0.9672	0.9177	0.8391	0.6231	0.9238	0.9281
77.3	0.9512	0.8672	0.9521	0.8831	0.8073	0.4113	0.9129	0.9108
77.4	0.9576	0.8848	0.9651	0.8926	0.8414	0.4715	0.9431	0.9382
77.5	0.9652	0.9243	0.9740	0.9143	0.8623	0.5639	0.9485	0.9422
77.6	0.9683	0.9270	0.9727	0.9197	0.8152	0.5643	0.9430	0.9409
77.7	0.9754	0.9259	0.9756	0.9323	0.8211	0.6525	0.9553	0.9556
77.8	0.9654	0.9138	0.9646	0.9428	0.8426	0.6261	0.9441	0.9310
77.9	0.9737	0.9279	0.9746	0.9488	0.8523	0.6521	0.9579	0.9425
78.0	0.9746	0.9418	0.9770	0.9358	0.8710	0.6459	0.9615	0.9522
78.1	0.9761	0.9513	0.9758	0.9571	0.9060	0.7769	0.9643	0.9515
78.2	0.9714	0.9390	0.9731	0.9444	0.9026	0.7788	0.9535	0.9447
78.3	0.9604	0.9047	0.9623	0.9339	0.8520	0.7659	0.9520	0.9267
78.4	0.9622	0.9108	0.9608	0.9273	0.8631	0.7749	0.9511	0.9132
78.5	0.9674	0.9258	0.9608	0.9244	0.8380	0.8200	0.9569	0.9264
78.6	0.9635	0.9229	0.9544	0.9249	0.8430	0.8206	0.9561	0.9271
78.7	0.9702	0.9426	0.9506	0.9401	0.8773	0.8475	0.9539	0.9213
78.8	0.9592	0.9199	0.9481	0.9375	0.8929	0.8684	0.9542	0.9165
78.9	0.9556	0.8874	0.9393	0.9197	0.8868	0.8707	0.9624	0.9385
79.0	0.9435	0.8727	0.9338	0.8965	0.8678	0.8750	0.9482	0.9263
79.1	0.9410	0.8508	0.9479	0.8909	0.8223	0.8740	0.9367	0.9218
79.2	0.9457	0.8392	0.9525	0.9010	0.8408	0.8530	0.9391	0.9188
79.3	0.9725	0.8966	0.9726	0.9528	0.8856	0.9066	0.9712	0.9478
79.4	0.9752	0.9241	0.9724	0.9421	0.9084	0.8913	0.9700	0.9598
79.5	0.9651	0.8818	0.9596	0.9128	0.8839	0.8423	0.9582	0.9470
79.6	0.9626	0.8698	0.9565	0.9263	0.8446	0.8826	0.9558	0.9478
79.7	0.9662	0.8867	0.9618	0.9166	0.8732	0.8834	0.9558	0.9468
79.8	0.9657	0.8915	0.9624	0.9066	0.8845	0.9027	0.9574	0.9428
79.9	0.9711	0.8976	0.9604	0.9204	0.8935	0.9229	0.9645	0.9434
80.0	0.9694	0.8925	0.9667	0.9377	0.8995	0.9310	0.9621	0.9461

2.2.114 Run 11 – IP000NVP – Accels 41–47

In-plane shaking at 0° with no vertical shake plate. Accelerometers 41–47.

f (Hz)	acc41	acc42	acc43	acc44	acc45	acc46	acc47
0.0	0.9835	0.9866	0.9523	0.9017	0.7673	0.8049	0.5583
0.1	0.9073	0.9198	0.7668	0.6943	0.5330	0.5483	0.3239
0.2	0.0073	0.0129	0.0366	0.0703	0.0030	0.0341	0.0075
0.3	0.0057	0.0185	0.0261	0.0629	0.0003	0.0169	0.0199
0.4	0.0250	0.0104	0.0028	0.0039	0.0014	0.0248	0.0015
0.5	0.0064	0.0129	0.0117	0.0329	0.0015	0.0182	0.0051
0.6	0.0545	0.0075	0.0021	0.0732	0.0270	0.0243	0.0102
0.7	0.0378	0.0286	0.0134	0.1175	0.0117	0.0370	0.0106
0.8	0.1227	0.0142	0.0148	0.0576	0.0315	0.0109	0.0090
0.9	0.1754	0.0315	0.0382	0.1729	0.0064	0.0272	0.0013
1.0	0.3065	0.0001	0.0807	0.3491	0.0199	0.0144	0.0186
1.1	0.6231	0.0063	0.1991	0.7162	0.0421	0.0078	0.0350
1.2	0.8450	0.0372	0.2018	0.8981	0.0313	0.1209	0.2436
1.3	0.8491	0.0472	0.2619	0.9253	0.0750	0.3175	0.2278
1.4	0.9274	0.3570	0.6120	0.9328	0.3146	0.4839	0.1463
1.5	0.9150	0.2285	0.7580	0.8356	0.2344	0.6549	0.1356
1.6	0.9417	0.5592	0.9240	0.9712	0.5811	0.8915	0.5266
1.7	0.9666	0.8855	0.9597	0.9774	0.9154	0.9585	0.6160
1.8	0.9770	0.9551	0.9826	0.9785	0.9583	0.9761	0.7895
1.9	0.9542	0.8501	0.9669	0.9572	0.8822	0.9652	0.7346
2.0	0.9651	0.8028	0.9745	0.9673	0.8426	0.9729	0.6937
2.1	0.9160	0.5523	0.9400	0.9217	0.6141	0.9266	0.5302
2.2	0.7769	0.5382	0.8169	0.7812	0.5058	0.8084	0.6633
2.3	0.2255	0.2597	0.2485	0.2260	0.2107	0.2394	0.2681
2.4	0.7629	0.3898	0.7141	0.7630	0.3313	0.7230	0.6631
2.5	0.9474	0.6535	0.9085	0.9469	0.6709	0.9218	0.9093
2.6	0.9737	0.6865	0.9283	0.9736	0.8190	0.9455	0.9367
2.7	0.9802	0.6756	0.9179	0.9800	0.8258	0.9344	0.9449
2.8	0.9934	0.7345	0.9445	0.9934	0.8775	0.9658	0.9733
2.9	0.9955	0.7489	0.9165	0.9955	0.9218	0.9571	0.9754
3.0	0.9976	0.8062	0.8508	0.9976	0.9446	0.9511	0.9821
3.1	0.9976	0.8164	0.4606	0.9975	0.9397	0.8511	0.9811
3.2	0.9984	0.7566	0.7682	0.9986	0.9329	0.5920	0.9729
3.3	0.9983	0.5447	0.8658	0.9985	0.9039	0.4204	0.9710
3.4	0.9990	0.6123	0.9654	0.9990	0.9371	0.8734	0.9710
3.5	0.9993	0.7481	0.9784	0.9993	0.9568	0.9554	0.9761
3.6	0.9993	0.7741	0.9840	0.9992	0.9341	0.9714	0.9733
3.7	0.9993	0.7075	0.9826	0.9991	0.9109	0.9771	0.9694
3.8	0.9994	0.7205	0.9888	0.9994	0.9333	0.9860	0.9684
3.9	0.9994	0.7505	0.9907	0.9994	0.8892	0.9906	0.9524
4.0	0.9994	0.7341	0.9928	0.9994	0.8649	0.9909	0.9458
4.1	0.9995	0.8205	0.9955	0.9995	0.8744	0.9944	0.9497
4.2	0.9993	0.8082	0.9933	0.9994	0.7867	0.9928	0.9201
4.3	0.9990	0.8131	0.9942	0.9992	0.7256	0.9942	0.9099
4.4	0.9992	0.7604	0.9967	0.9993	0.7896	0.9955	0.9104
4.5	0.9992	0.7034	0.9957	0.9993	0.8437	0.9953	0.8351
4.6	0.9987	0.6061	0.9952	0.9987	0.8206	0.9951	0.7868
4.7	0.9983	0.5904	0.9952	0.9983	0.7431	0.9940	0.7535
4.8	0.9982	0.8073	0.9962	0.9983	0.7414	0.9962	0.7984
4.9	0.9982	0.8208	0.9965	0.9982	0.7278	0.9961	0.8212
5.0	0.9980	0.7484	0.9969	0.9978	0.6214	0.9962	0.7718
5.1	0.9971	0.7875	0.9945	0.9968	0.6139	0.9949	0.7091
5.2	0.9970	0.8420	0.9966	0.9965	0.6830	0.9966	0.6618
5.3	0.9964	0.8181	0.9969	0.9957	0.6348	0.9965	0.6935
5.4	0.9948	0.8393	0.9966	0.9946	0.6841	0.9968	0.5786
5.5	0.9925	0.8224	0.9949	0.9924	0.7679	0.9953	0.4081
5.6	0.9950	0.8266	0.9972	0.9944	0.8227	0.9975	0.5697
5.7	0.9953	0.8860	0.9958	0.9951	0.8852	0.9959	0.5468
5.8	0.9932	0.8525	0.9970	0.9928	0.8847	0.9970	0.3559
5.9	0.9952	0.8653	0.9980	0.9947	0.9119	0.9981	0.3217
6.0	0.9951	0.8551	0.9967	0.9950	0.9279	0.9966	0.0195
6.1	0.9963	0.8448	0.9970	0.9964	0.9379	0.9970	0.1856
6.2	0.9964	0.8696	0.9955	0.9965	0.9440	0.9953	0.4462
6.3	0.9961	0.8451	0.9931	0.9960	0.9386	0.9930	0.4524
6.4	0.9952	0.7279	0.9898	0.9956	0.9115	0.9897	0.5746
6.5	0.9959	0.6987	0.9944	0.9960	0.9177	0.9939	0.6530
6.6	0.9964	0.6638	0.9901	0.9968	0.9205	0.9900	0.5637
6.7	0.9977	0.6033	0.9915	0.9977	0.8962	0.9912	0.6990
6.8	0.9966	0.6022	0.9788	0.9966	0.8851	0.9781	0.7661
6.9	0.9961	0.7310	0.9708	0.9959	0.9282	0.9705	0.8023
7.0	0.9954	0.6635	0.9379	0.9947	0.9290	0.9372	0.8524
7.1	0.9950	0.6479	0.9279	0.9925	0.8676	0.9272	0.8748
7.2	0.9937	0.7140	0.9266	0.9884	0.7681	0.9263	0.8390
7.3	0.9948	0.4974	0.9498	0.9901	0.4881	0.9496	0.7559
7.4	0.9968	0.3783	0.8958	0.9934	0.0972	0.8966	0.5029
7.5	0.9976	0.4029	0.9298	0.9972	0.4434	0.9307	0.4251
7.6	0.9977	0.1546	0.9597	0.9969	0.7514	0.9607	0.5624
7.7	0.9973	0.0499	0.9686	0.9965	0.7162	0.9697	0.6652
7.8	0.9973	0.0825	0.9782	0.9965	0.6839	0.9792	0.7432
7.9	0.9973	0.0475	0.9841	0.9968	0.7482	0.9843	0.8118

8.0	0.9974	0.0398	0.9776	0.9970	0.6201	0.9785	0.8512
8.1	0.9970	0.1925	0.9896	0.9966	0.5418	0.9901	0.7993
8.2	0.9967	0.2175	0.9887	0.9967	0.8008	0.9890	0.7910
8.3	0.9976	0.3961	0.9902	0.9974	0.8875	0.9911	0.8715
8.4	0.9976	0.4482	0.9852	0.9972	0.9028	0.9869	0.8657
8.5	0.9974	0.5043	0.9822	0.9969	0.8835	0.9840	0.8753
8.6	0.9977	0.4642	0.9832	0.9973	0.9057	0.9848	0.9102
8.7	0.9975	0.4389	0.9717	0.9972	0.9030	0.9743	0.9265
8.8	0.9976	0.4551	0.9707	0.9973	0.9382	0.9715	0.9446
8.9	0.9975	0.3002	0.9708	0.9975	0.8998	0.9715	0.9471
9.0	0.9974	0.5539	0.9485	0.9963	0.8348	0.9489	0.9499
9.1	0.9971	0.5508	0.9591	0.9961	0.8113	0.9597	0.9343
9.2	0.9966	0.6251	0.9297	0.9949	0.8587	0.9300	0.9158
9.3	0.9976	0.7815	0.9469	0.9953	0.9277	0.9476	0.9373
9.4	0.9975	0.8261	0.9678	0.9949	0.9455	0.9684	0.9615
9.5	0.9971	0.8112	0.9519	0.9922	0.9338	0.9529	0.9536
9.6	0.9981	0.8772	0.9809	0.9953	0.9532	0.9813	0.9802
9.7	0.9986	0.8849	0.9871	0.9964	0.9557	0.9873	0.9839
9.8	0.9986	0.8680	0.9949	0.9975	0.9387	0.9950	0.9845
9.9	0.9981	0.8012	0.9948	0.9973	0.8959	0.9949	0.9764
10.0	0.9979	0.6470	0.9978	0.9968	0.7971	0.9979	0.9636
10.1	0.9978	0.6839	0.9970	0.9968	0.8156	0.9971	0.9576
10.2	0.9985	0.7893	0.9981	0.9979	0.8872	0.9982	0.9751
10.3	0.9978	0.7708	0.9984	0.9974	0.8814	0.9983	0.9607
10.4	0.9971	0.7429	0.9985	0.9965	0.7801	0.9985	0.9421
10.5	0.9978	0.7565	0.9990	0.9978	0.7365	0.9992	0.9503
10.6	0.9974	0.7309	0.9987	0.9971	0.5953	0.9988	0.9500
10.7	0.9980	0.7406	0.9991	0.9978	0.5459	0.9992	0.9567
10.8	0.9980	0.6479	0.9993	0.9981	0.4450	0.9993	0.9632
10.9	0.9980	0.6563	0.9996	0.9982	0.2489	0.9996	0.9587
11.0	0.9977	0.5752	0.9995	0.9980	0.1262	0.9995	0.9405
11.1	0.9981	0.6850	0.9994	0.9983	0.1261	0.9994	0.9543
11.2	0.9979	0.6889	0.9995	0.9982	0.0863	0.9994	0.9515
11.3	0.9970	0.6566	0.9994	0.9975	0.2869	0.9993	0.9476
11.4	0.9979	0.7377	0.9995	0.9984	0.4734	0.9994	0.9552
11.5	0.9984	0.7499	0.9995	0.9981	0.5943	0.9993	0.9616
11.6	0.9981	0.6940	0.9993	0.9978	0.7060	0.9993	0.9638
11.7	0.9981	0.6710	0.9995	0.9982	0.7972	0.9995	0.9705
11.8	0.9977	0.5393	0.9994	0.9977	0.7992	0.9993	0.9577
11.9	0.9985	0.4956	0.9994	0.9984	0.8112	0.9993	0.9610
12.0	0.9987	0.4833	0.9995	0.9987	0.8267	0.9994	0.9678
12.1	0.9986	0.3322	0.9995	0.9985	0.7987	0.9994	0.9652
12.2	0.9986	0.3767	0.9996	0.9988	0.8141	0.9995	0.9587
12.3	0.9984	0.4826	0.9996	0.9987	0.7409	0.9995	0.9576
12.4	0.9984	0.4313	0.9996	0.9986	0.6661	0.9995	0.9556
12.5	0.9981	0.1842	0.9994	0.9978	0.5311	0.9991	0.9178
12.6	0.9982	0.0807	0.9992	0.9978	0.4739	0.9989	0.9229
12.7	0.9983	0.0517	0.9991	0.9978	0.3763	0.9989	0.9326
12.8	0.9990	0.1931	0.9993	0.9987	0.4438	0.9990	0.9563
12.9	0.9991	0.3037	0.9993	0.9986	0.3515	0.9991	0.9513
13.0	0.9985	0.3535	0.9989	0.9976	0.1040	0.9985	0.9124
13.1	0.9987	0.4055	0.9985	0.9978	0.0087	0.9979	0.8812
13.2	0.9991	0.4494	0.9983	0.9985	0.0752	0.9980	0.8828
13.3	0.9989	0.5539	0.9983	0.9984	0.3275	0.9981	0.8195
13.4	0.9993	0.7269	0.9989	0.9990	0.6468	0.9983	0.7672
13.5	0.9993	0.7625	0.9987	0.9992	0.7164	0.9980	0.6381
13.6	0.9990	0.7231	0.9988	0.9991	0.7793	0.9981	0.3977
13.7	0.9991	0.7081	0.9990	0.9991	0.8107	0.9984	0.5215
13.8	0.9991	0.6435	0.9989	0.9992	0.8497	0.9985	0.5926
13.9	0.9986	0.6418	0.9984	0.9988	0.8250	0.9979	0.7152
14.0	0.9986	0.6116	0.9986	0.9989	0.7897	0.9980	0.8434
14.1	0.9987	0.6826	0.9982	0.9988	0.8034	0.9976	0.8401
14.2	0.9986	0.7620	0.9979	0.9982	0.8427	0.9977	0.8791
14.3	0.9986	0.8155	0.9976	0.9982	0.8857	0.9973	0.9342
14.4	0.9990	0.8561	0.9977	0.9988	0.9207	0.9973	0.9412
14.5	0.9991	0.8590	0.9974	0.9990	0.9483	0.9974	0.9461
14.6	0.9990	0.8396	0.9960	0.9987	0.9376	0.9965	0.9158
14.7	0.9991	0.8230	0.9974	0.9990	0.9261	0.9975	0.9501
14.8	0.9993	0.8391	0.9968	0.9992	0.9312	0.9978	0.9445
14.9	0.9992	0.8471	0.9951	0.9992	0.9271	0.9968	0.9305
15.0	0.9991	0.8189	0.9920	0.9990	0.9206	0.9957	0.9291
15.1	0.9993	0.8794	0.9912	0.9992	0.9568	0.9954	0.9450
15.2	0.9994	0.8938	0.9935	0.9993	0.9586	0.9969	0.9591
15.3	0.9994	0.8326	0.9930	0.9992	0.9328	0.9965	0.9511
15.4	0.9992	0.7962	0.9935	0.9988	0.9047	0.9961	0.9402
15.5	0.9990	0.7792	0.9934	0.9986	0.8967	0.9956	0.9318
15.6	0.9989	0.7445	0.9908	0.9989	0.8627	0.9932	0.9275
15.7	0.9991	0.7691	0.9944	0.9989	0.8764	0.9953	0.9067
15.8	0.9990	0.7173	0.9935	0.9987	0.8295	0.9947	0.8876
15.9	0.9992	0.7059	0.9951	0.9991	0.8345	0.9962	0.9184
16.0	0.9992	0.5976	0.9955	0.9990	0.7552	0.9967	0.9008
16.1	0.9992	0.5737	0.9952	0.9990	0.6834	0.9967	0.8650
16.2	0.9992	0.5217	0.9951	0.9987	0.5630	0.9960	0.8466
16.3	0.9991	0.4230	0.9942	0.9989	0.4452	0.9956	0.8161
16.4	0.9991	0.4423	0.9944	0.9989	0.2690	0.9962	0.7673
16.5	0.9993	0.5486	0.9966	0.9991	0.1254	0.9974	0.7747

16.6	0.9990	0.4052	0.9958	0.9986	0.0474	0.9956	0.6697
16.7	0.9987	0.4846	0.9943	0.9983	0.2338	0.9943	0.3621
16.8	0.9989	0.7035	0.9948	0.9985	0.5941	0.9949	0.1157
16.9	0.9985	0.7697	0.9955	0.9983	0.7548	0.9951	0.3319
17.0	0.9975	0.7528	0.9935	0.9970	0.7908	0.9962	0.3438
17.1	0.9978	0.6686	0.9931	0.9975	0.7717	0.9950	0.1389
17.2	0.9985	0.7931	0.9938	0.9984	0.8725	0.9958	0.3685
17.3	0.9984	0.8420	0.9948	0.9982	0.9081	0.9964	0.5341
17.4	0.9977	0.8501	0.9925	0.9976	0.9209	0.9964	0.5470
17.5	0.9977	0.8432	0.9944	0.9974	0.9178	0.9964	0.4614
17.6	0.9979	0.8717	0.9961	0.9976	0.9295	0.9965	0.4372
17.7	0.9980	0.8690	0.9956	0.9975	0.9251	0.9963	0.4692
17.8	0.9977	0.8386	0.9938	0.9975	0.9118	0.9963	0.3971
17.9	0.9985	0.8502	0.9946	0.9985	0.9222	0.9975	0.3723
18.0	0.9985	0.8742	0.9949	0.9983	0.9284	0.9980	0.5674
18.1	0.9988	0.8726	0.9960	0.9985	0.9302	0.9979	0.6799
18.2	0.9987	0.9098	0.9962	0.9986	0.9500	0.9977	0.7579
18.3	0.9983	0.9386	0.9966	0.9982	0.9611	0.9985	0.7654
18.4	0.9987	0.9272	0.9952	0.9987	0.9536	0.9982	0.7628
18.5	0.9988	0.8848	0.9929	0.9988	0.9319	0.9964	0.7403
18.6	0.9986	0.6769	0.9844	0.9987	0.8063	0.9953	0.4680
18.7	0.9989	0.6282	0.9907	0.9990	0.8367	0.9975	0.2662
18.8	0.9987	0.7155	0.9959	0.9988	0.8755	0.9982	0.0303
18.9	0.9983	0.7559	0.9965	0.9982	0.8990	0.9981	0.0044
19.0	0.9982	0.8117	0.9975	0.9982	0.9129	0.9984	0.0096
19.1	0.9986	0.8341	0.9978	0.9987	0.9207	0.9986	0.0658
19.2	0.9988	0.8519	0.9979	0.9988	0.9222	0.9986	0.2164
19.3	0.9987	0.8261	0.9982	0.9987	0.9186	0.9986	0.3743
19.4	0.9982	0.8325	0.9982	0.9980	0.9282	0.9986	0.5480
19.5	0.9987	0.9202	0.9985	0.9985	0.9585	0.9991	0.7604
19.6	0.9987	0.9164	0.9981	0.9986	0.9436	0.9984	0.8255
19.7	0.9983	0.9183	0.9976	0.9981	0.9403	0.9989	0.8304
19.8	0.9989	0.9456	0.9986	0.9988	0.9567	0.9990	0.9037
19.9	0.9990	0.9447	0.9990	0.9989	0.9540	0.9993	0.9061
20.0	0.9989	0.9423	0.9985	0.9990	0.9500	0.9993	0.8992
20.1	0.9986	0.9237	0.9981	0.9985	0.9239	0.9991	0.8716
20.2	0.9978	0.8422	0.9982	0.9974	0.8260	0.9991	0.7814
20.3	0.9983	0.7683	0.9985	0.9981	0.7376	0.9991	0.7540
20.4	0.9982	0.7603	0.9980	0.9979	0.7521	0.9988	0.7749
20.5	0.9982	0.6985	0.9978	0.9978	0.7031	0.9990	0.7126
20.6	0.9979	0.5560	0.9973	0.9975	0.5702	0.9983	0.6264
20.7	0.9967	0.5066	0.9968	0.9961	0.5560	0.9975	0.5391
20.8	0.9959	0.5779	0.9970	0.9954	0.5915	0.9976	0.5395
20.9	0.9958	0.6961	0.9970	0.9955	0.6770	0.9967	0.6858
21.0	0.9971	0.6318	0.9969	0.9967	0.5780	0.9969	0.6931
21.1	0.9971	0.5352	0.9969	0.9968	0.3885	0.9962	0.6828
21.2	0.9975	0.3693	0.9964	0.9971	0.1738	0.9964	0.6115
21.3	0.9983	0.2939	0.9955	0.9980	0.0931	0.9954	0.5432
21.4	0.9983	0.2406	0.9945	0.9980	0.0495	0.9950	0.5580
21.5	0.9979	0.2571	0.9957	0.9977	0.0067	0.9953	0.6280
21.6	0.9975	0.1070	0.9950	0.9974	0.0792	0.9931	0.4364
21.7	0.9978	0.1101	0.9942	0.9978	0.1223	0.9926	0.4503
21.8	0.9977	0.1385	0.9943	0.9977	0.1024	0.9911	0.5629
21.9	0.9972	0.1259	0.9941	0.9970	0.1951	0.9904	0.5882
22.0	0.9977	0.1432	0.9936	0.9977	0.1658	0.9926	0.7169
22.1	0.9973	0.1176	0.9921	0.9974	0.0897	0.9917	0.7190
22.2	0.9971	0.1581	0.9925	0.9971	0.2035	0.9909	0.7219
22.3	0.9982	0.2421	0.9942	0.9980	0.2110	0.9939	0.8004
22.4	0.9988	0.3150	0.9960	0.9986	0.1974	0.9961	0.8425
22.5	0.9985	0.2901	0.9959	0.9984	0.1828	0.9952	0.8502
22.6	0.9987	0.3701	0.9968	0.9985	0.1082	0.9951	0.8699
22.7	0.9981	0.3030	0.9954	0.9980	0.1392	0.9947	0.8727
22.8	0.9986	0.3783	0.9970	0.9984	0.1347	0.9957	0.8895
22.9	0.9980	0.3531	0.9957	0.9980	0.0559	0.9947	0.8881
23.0	0.9988	0.3438	0.9963	0.9986	0.2197	0.9960	0.8948
23.1	0.9986	0.4247	0.9964	0.9985	0.1616	0.9958	0.9119
23.2	0.9980	0.2897	0.9968	0.9979	0.1867	0.9954	0.9206
23.3	0.9981	0.3276	0.9964	0.9979	0.2109	0.9965	0.9110
23.4	0.9979	0.1875	0.9947	0.9978	0.3164	0.9960	0.8753
23.5	0.9972	0.0886	0.9931	0.9970	0.2620	0.9948	0.8742
23.6	0.9969	0.1555	0.9918	0.9966	0.2485	0.9943	0.8604
23.7	0.9966	0.1354	0.9911	0.9966	0.4612	0.9946	0.8815
23.8	0.9954	0.0953	0.9918	0.9954	0.5483	0.9929	0.9124
23.9	0.9952	0.1733	0.9887	0.9950	0.6097	0.9926	0.8866
24.0	0.9965	0.3754	0.9930	0.9964	0.7918	0.9943	0.9194
24.1	0.9968	0.4607	0.9948	0.9968	0.8542	0.9948	0.9304
24.2	0.9955	0.2754	0.9934	0.9956	0.8361	0.9930	0.9217
24.3	0.9955	0.2980	0.9902	0.9955	0.8129	0.9927	0.9141
24.4	0.9942	0.4852	0.9909	0.9939	0.8699	0.9913	0.9309
24.5	0.9926	0.4779	0.9866	0.9928	0.8525	0.9886	0.9109
24.6	0.9961	0.6557	0.9901	0.9961	0.9074	0.9922	0.9317
24.7	0.9948	0.6960	0.9893	0.9947	0.9165	0.9924	0.9366
24.8	0.9956	0.8130	0.9933	0.9956	0.9479	0.9938	0.9626
24.9	0.9948	0.8307	0.9903	0.9947	0.9486	0.9910	0.9555
25.0	0.9921	0.7797	0.9821	0.9919	0.9282	0.9858	0.9480
25.1	0.9915	0.7891	0.9823	0.9911	0.9280	0.9839	0.9423

25.2	0.9927	0.8442	0.9809	0.9925	0.9461	0.9853	0.9467
25.3	0.9918	0.8594	0.9732	0.9915	0.9435	0.9843	0.9420
25.4	0.9940	0.8651	0.9721	0.9939	0.9432	0.9856	0.9569
25.5	0.9943	0.8696	0.9688	0.9942	0.9478	0.9854	0.9562
25.6	0.9936	0.8871	0.9415	0.9935	0.9519	0.9809	0.9436
25.7	0.9942	0.8845	0.9126	0.9942	0.9454	0.9824	0.9303
25.8	0.9939	0.8807	0.8551	0.9938	0.9419	0.9760	0.9192
25.9	0.9948	0.8780	0.8583	0.9946	0.9395	0.9725	0.9277
26.0	0.9957	0.9090	0.8205	0.9957	0.9503	0.9759	0.9235
26.1	0.9957	0.9037	0.8297	0.9956	0.9420	0.9676	0.9109
26.2	0.9955	0.9097	0.8934	0.9956	0.9391	0.9769	0.9222
26.3	0.9961	0.9196	0.9305	0.9961	0.9400	0.9798	0.9257
26.4	0.9955	0.9232	0.9560	0.9955	0.9377	0.9787	0.9116
26.5	0.9957	0.9294	0.9700	0.9960	0.9334	0.9840	0.9180
26.6	0.9976	0.9636	0.9898	0.9975	0.9583	0.9935	0.9386
26.7	0.9962	0.9422	0.9859	0.9962	0.9354	0.9898	0.9156
26.8	0.9966	0.9531	0.9879	0.9968	0.9430	0.9893	0.8868
26.9	0.9959	0.9469	0.9875	0.9959	0.9257	0.9865	0.8600
27.0	0.9970	0.9617	0.9932	0.9971	0.9426	0.9927	0.9198
27.1	0.9962	0.9513	0.9912	0.9963	0.9229	0.9907	0.8848
27.2	0.9968	0.9441	0.9922	0.9968	0.8990	0.9924	0.8753
27.3	0.9972	0.9340	0.9938	0.9973	0.8624	0.9942	0.9057
27.4	0.9975	0.9277	0.9927	0.9974	0.8810	0.9947	0.9046
27.5	0.9976	0.9327	0.9964	0.9976	0.8995	0.9946	0.8907
27.6	0.9976	0.9126	0.9965	0.9976	0.8980	0.9947	0.8760
27.7	0.9984	0.9010	0.9959	0.9985	0.9100	0.9964	0.9042
27.8	0.9969	0.8631	0.9925	0.9969	0.8993	0.9929	0.8871
27.9	0.9976	0.8612	0.9939	0.9976	0.9381	0.9943	0.8792
28.0	0.9982	0.8949	0.9956	0.9982	0.9640	0.9945	0.8987
28.1	0.9985	0.9080	0.9923	0.9986	0.9701	0.9943	0.9006
28.2	0.9986	0.9504	0.9947	0.9986	0.9856	0.9964	0.8944
28.3	0.9987	0.9544	0.9952	0.9987	0.9868	0.9972	0.9010
28.4	0.9985	0.9427	0.9929	0.9986	0.9789	0.9968	0.8922
28.5	0.9987	0.9616	0.9925	0.9989	0.9830	0.9968	0.8787
28.6	0.9990	0.9673	0.9928	0.9993	0.9844	0.9961	0.8568
28.7	0.9990	0.9737	0.9911	0.9993	0.9864	0.9964	0.8305
28.8	0.9988	0.9791	0.9914	0.9991	0.9860	0.9952	0.8592
28.9	0.9989	0.9813	0.9882	0.9992	0.9872	0.9947	0.8750
29.0	0.9988	0.9792	0.9849	0.9991	0.9835	0.9942	0.8398
29.1	0.9989	0.9832	0.9869	0.9990	0.9850	0.9939	0.8206
29.2	0.9989	0.9886	0.9873	0.9990	0.9894	0.9928	0.8165
29.3	0.9988	0.9833	0.9891	0.9989	0.9833	0.9941	0.8383
29.4	0.9990	0.9883	0.9912	0.9990	0.9875	0.9957	0.8822
29.5	0.9989	0.9896	0.9875	0.9989	0.9889	0.9927	0.8290
29.6	0.9987	0.9849	0.9865	0.9987	0.9826	0.9926	0.7656
29.7	0.9987	0.9862	0.9885	0.9987	0.9828	0.9937	0.7464
29.8	0.9989	0.9883	0.9890	0.9989	0.9856	0.9914	0.7976
29.9	0.9988	0.9874	0.9862	0.9988	0.9827	0.9899	0.7942
30.0	0.9987	0.9853	0.9838	0.9986	0.9794	0.9865	0.8029
30.1	0.9989	0.9854	0.9844	0.9989	0.9776	0.9849	0.7732
30.2	0.9988	0.9879	0.9884	0.9989	0.9802	0.9871	0.7972
30.3	0.9991	0.9893	0.9916	0.9991	0.9842	0.9880	0.8257
30.4	0.9992	0.9900	0.9921	0.9991	0.9852	0.9857	0.8235
30.5	0.9990	0.9884	0.9904	0.9989	0.9789	0.9859	0.7933
30.6	0.9988	0.9883	0.9896	0.9988	0.9769	0.9859	0.7567
30.7	0.9992	0.9923	0.9922	0.9993	0.9842	0.9892	0.8444
30.8	0.9989	0.9886	0.9892	0.9990	0.9756	0.9880	0.8419
30.9	0.9990	0.9869	0.9880	0.9991	0.9714	0.9862	0.8707
31.0	0.9990	0.9819	0.9872	0.9992	0.9628	0.9837	0.8742
31.1	0.9991	0.9833	0.9887	0.9990	0.9577	0.9819	0.9190
31.2	0.9989	0.9853	0.9896	0.9990	0.9559	0.9850	0.9211
31.3	0.9990	0.9797	0.9886	0.9992	0.9368	0.9819	0.9132
31.4	0.9989	0.9764	0.9858	0.9989	0.9233	0.9719	0.9190
31.5	0.9987	0.9770	0.9860	0.9988	0.9110	0.9698	0.9171
31.6	0.9991	0.9751	0.9833	0.9988	0.9015	0.9573	0.9109
31.7	0.9990	0.9766	0.9822	0.9992	0.9031	0.9659	0.9224
31.8	0.9987	0.9696	0.9769	0.9987	0.8310	0.9539	0.9150
31.9	0.9992	0.9743	0.9820	0.9991	0.8458	0.9622	0.9469
32.0	0.9991	0.9739	0.9847	0.9991	0.8167	0.9582	0.9576
32.1	0.9984	0.9716	0.9718	0.9982	0.8063	0.9419	0.9593
32.2	0.9985	0.9597	0.9719	0.9985	0.7257	0.9497	0.9518
32.3	0.9984	0.9384	0.9572	0.9987	0.5720	0.9423	0.9417
32.4	0.9978	0.9224	0.9403	0.9980	0.5535	0.9154	0.9400
32.5	0.9963	0.8879	0.8959	0.9967	0.5113	0.8830	0.9280
32.6	0.9948	0.8817	0.8668	0.9955	0.5652	0.8278	0.9411
32.7	0.9950	0.8880	0.8294	0.9954	0.5692	0.8008	0.9524
32.8	0.9950	0.8373	0.8151	0.9956	0.4718	0.7589	0.9598
32.9	0.9926	0.8157	0.8255	0.9930	0.5160	0.7872	0.9659
33.0	0.9908	0.8025	0.8255	0.9909	0.6491	0.6577	0.9653
33.1	0.9848	0.7576	0.8167	0.9836	0.7030	0.2859	0.9500
33.2	0.9737	0.6712	0.7855	0.9737	0.6251	0.1263	0.9067
33.3	0.9713	0.5977	0.8689	0.9721	0.5656	0.5067	0.9249
33.4	0.9757	0.6345	0.8529	0.9758	0.6877	0.7032	0.9179
33.5	0.9782	0.7393	0.8769	0.9781	0.8071	0.8478	0.9337
33.6	0.9769	0.8018	0.8908	0.9772	0.8198	0.8757	0.9485
33.7	0.9771	0.8979	0.8644	0.9787	0.8978	0.8784	0.9432

33.8	0.9701	0.8715	0.8512	0.9723	0.8698	0.8781	0.9300
33.9	0.9889	0.9436	0.9178	0.9892	0.9375	0.9341	0.9691
34.0	0.9906	0.9495	0.9127	0.9904	0.9368	0.9444	0.9672
34.1	0.9920	0.9592	0.8633	0.9912	0.9438	0.9463	0.9637
34.2	0.9923	0.9612	0.8155	0.9917	0.9408	0.9631	0.9739
34.3	0.9960	0.9717	0.7326	0.9950	0.9525	0.9751	0.9820
34.4	0.9971	0.9782	0.6223	0.9964	0.9599	0.9767	0.9817
34.5	0.9974	0.9797	0.2473	0.9970	0.9589	0.9648	0.9751
34.6	0.9973	0.9812	0.0765	0.9966	0.9579	0.9609	0.9733
34.7	0.9979	0.9813	0.5751	0.9974	0.9500	0.9520	0.9740
34.8	0.9979	0.9804	0.6878	0.9975	0.9427	0.9408	0.9729
34.9	0.9980	0.9823	0.8439	0.9975	0.9433	0.9558	0.9805
35.0	0.9984	0.9821	0.8843	0.9979	0.9416	0.9473	0.9857
35.1	0.9983	0.9841	0.9354	0.9980	0.9492	0.9648	0.9867
35.2	0.9985	0.9807	0.9351	0.9982	0.9454	0.9726	0.9880
35.3	0.9982	0.9817	0.9328	0.9981	0.9552	0.9778	0.9900
35.4	0.9980	0.9782	0.9161	0.9979	0.9578	0.9814	0.9890
35.5	0.9978	0.9821	0.9189	0.9977	0.9706	0.9872	0.9928
35.6	0.9981	0.9822	0.8984	0.9979	0.9751	0.9877	0.9949
35.7	0.9984	0.9838	0.8727	0.9983	0.9774	0.9913	0.9938
35.8	0.9980	0.9808	0.6911	0.9980	0.9777	0.9867	0.9911
35.9	0.9981	0.9872	0.1097	0.9982	0.9839	0.9884	0.9903
36.0	0.9989	0.9906	0.3426	0.9990	0.9879	0.9939	0.9945
36.1	0.9987	0.9871	0.6397	0.9987	0.9839	0.9932	0.9932
36.2	0.9983	0.9875	0.8407	0.9983	0.9842	0.9908	0.9924
36.3	0.9987	0.9926	0.9111	0.9987	0.9902	0.9909	0.9933
36.4	0.9987	0.9891	0.9381	0.9987	0.9851	0.9922	0.9927
36.5	0.9984	0.9891	0.9462	0.9982	0.9856	0.9919	0.9941
36.6	0.9981	0.9910	0.9684	0.9979	0.9892	0.9930	0.9968
36.7	0.9982	0.9925	0.9730	0.9980	0.9907	0.9930	0.9966
36.8	0.9982	0.9916	0.9713	0.9980	0.9893	0.9933	0.9964
36.9	0.9976	0.9901	0.9733	0.9973	0.9882	0.9914	0.9954
37.0	0.9988	0.9943	0.9820	0.9987	0.9926	0.9933	0.9963
37.1	0.9983	0.9933	0.9783	0.9983	0.9903	0.9925	0.9944
37.2	0.9984	0.9944	0.9820	0.9984	0.9913	0.9937	0.9950
37.3	0.9985	0.9948	0.9842	0.9984	0.9924	0.9941	0.9950
37.4	0.9981	0.9951	0.9776	0.9980	0.9925	0.9938	0.9928
37.5	0.9984	0.9967	0.9811	0.9984	0.9951	0.9947	0.9940
37.6	0.9987	0.9965	0.9874	0.9986	0.9954	0.9954	0.9949
37.7	0.9985	0.9956	0.9851	0.9984	0.9932	0.9961	0.9942
37.8	0.9983	0.9949	0.9881	0.9981	0.9923	0.9959	0.9929
37.9	0.9975	0.9943	0.9837	0.9973	0.9918	0.9943	0.9906
38.0	0.9985	0.9950	0.9890	0.9984	0.9923	0.9956	0.9903
38.1	0.9971	0.9919	0.9862	0.9969	0.9879	0.9947	0.9874
38.2	0.9976	0.9937	0.9901	0.9976	0.9912	0.9951	0.9907
38.3	0.9976	0.9943	0.9891	0.9976	0.9920	0.9943	0.9919
38.4	0.9977	0.9935	0.9920	0.9976	0.9908	0.9959	0.9947
38.5	0.9981	0.9950	0.9940	0.9981	0.9923	0.9965	0.9940
38.6	0.9965	0.9936	0.9900	0.9965	0.9909	0.9930	0.9888
38.7	0.9966	0.9937	0.9890	0.9968	0.9895	0.9914	0.9887
38.8	0.9975	0.9942	0.9916	0.9976	0.9890	0.9924	0.9904
38.9	0.9969	0.9938	0.9893	0.9969	0.9892	0.9926	0.9890
39.0	0.9982	0.9955	0.9954	0.9983	0.9915	0.9952	0.9946
39.1	0.9979	0.9947	0.9949	0.9979	0.9905	0.9930	0.9913
39.2	0.9980	0.9955	0.9942	0.9981	0.9906	0.9937	0.9917
39.3	0.9982	0.9960	0.9939	0.9983	0.9914	0.9932	0.9911
39.4	0.9982	0.9963	0.9941	0.9982	0.9911	0.9915	0.9898
39.5	0.9973	0.9942	0.9890	0.9974	0.9869	0.9850	0.9874
39.6	0.9970	0.9873	0.9821	0.9969	0.9723	0.9794	0.9829
39.7	0.9979	0.9839	0.9909	0.9980	0.9575	0.9813	0.9714
39.8	0.9975	0.9907	0.9913	0.9978	0.9711	0.9675	0.9713
39.9	0.9960	0.9922	0.9855	0.9963	0.9765	0.9467	0.9593
40.0	0.9970	0.9937	0.9884	0.9972	0.9861	0.9474	0.9736
40.1	0.9966	0.9922	0.9853	0.9970	0.9859	0.9010	0.9611
40.2	0.9972	0.9923	0.9876	0.9973	0.9838	0.8246	0.9559
40.3	0.9973	0.9923	0.9875	0.9974	0.9836	0.6080	0.9469
40.4	0.9970	0.9913	0.9824	0.9971	0.9825	0.6246	0.9193
40.5	0.9975	0.9902	0.9878	0.9975	0.9790	0.8021	0.9296
40.6	0.9976	0.9882	0.9861	0.9975	0.9743	0.6895	0.9316
40.7	0.9977	0.9876	0.9738	0.9979	0.9698	0.8313	0.9031
40.8	0.9974	0.9892	0.9814	0.9975	0.9758	0.9573	0.9004
40.9	0.9976	0.9914	0.9793	0.9977	0.9803	0.9619	0.8919
41.0	0.9973	0.9884	0.9770	0.9974	0.9764	0.9656	0.8780
41.1	0.9969	0.9875	0.9676	0.9970	0.9748	0.9611	0.8667
41.2	0.9970	0.9865	0.9352	0.9974	0.9709	0.9509	0.8127
41.3	0.9976	0.9888	0.9431	0.9976	0.9768	0.9745	0.8178
41.4	0.9975	0.9855	0.9412	0.9972	0.9700	0.9637	0.8268
41.5	0.9975	0.9812	0.8964	0.9972	0.9605	0.9625	0.8473
41.6	0.9966	0.9717	0.8396	0.9962	0.9359	0.9681	0.8532
41.7	0.9963	0.9642	0.8497	0.9961	0.9165	0.9755	0.8941
41.8	0.9963	0.9673	0.7324	0.9960	0.9311	0.9642	0.8887
41.9	0.9978	0.9765	0.7023	0.9973	0.9426	0.9718	0.9263
42.0	0.9974	0.9724	0.4414	0.9969	0.9380	0.9740	0.9317
42.1	0.9978	0.9692	0.2352	0.9974	0.9253	0.9714	0.9279
42.2	0.9970	0.9609	0.5730	0.9967	0.9107	0.9593	0.9135
42.3	0.9970	0.9700	0.7705	0.9967	0.9370	0.9730	0.9335

42.4	0.9982	0.9775	0.7516	0.9980	0.9499	0.9727	0.9578
42.5	0.9974	0.9698	0.7903	0.9970	0.9335	0.9660	0.9336
42.6	0.9971	0.9673	0.7685	0.9966	0.9185	0.9581	0.9324
42.7	0.9969	0.9579	0.8239	0.9968	0.8945	0.9457	0.9332
42.8	0.9968	0.9541	0.8735	0.9968	0.8870	0.9455	0.9244
42.9	0.9965	0.9545	0.8810	0.9960	0.9004	0.9456	0.9135
43.0	0.9974	0.9642	0.9175	0.9967	0.9225	0.9502	0.9185
43.1	0.9974	0.9612	0.9098	0.9968	0.9124	0.9508	0.9370
43.2	0.9979	0.9599	0.9156	0.9975	0.8974	0.9478	0.9094
43.3	0.9977	0.9625	0.9224	0.9976	0.8994	0.9347	0.8986
43.4	0.9978	0.9551	0.9116	0.9974	0.8901	0.9075	0.8837
43.5	0.9971	0.9436	0.9107	0.9966	0.8673	0.9123	0.8925
43.6	0.9970	0.9445	0.8851	0.9966	0.8745	0.9011	0.8936
43.7	0.9975	0.9427	0.9141	0.9971	0.8694	0.8931	0.8508
43.8	0.9977	0.9465	0.9194	0.9972	0.8680	0.8531	0.8582
43.9	0.9974	0.9497	0.9109	0.9967	0.8857	0.7748	0.8690
44.0	0.9975	0.9495	0.8769	0.9974	0.8806	0.7268	0.8498
44.1	0.9970	0.9339	0.8579	0.9969	0.8524	0.7455	0.7852
44.2	0.9972	0.9346	0.8978	0.9966	0.8682	0.6421	0.8071
44.3	0.9970	0.9064	0.7944	0.9960	0.7950	0.6784	0.5726
44.4	0.9969	0.8691	0.7348	0.9966	0.6961	0.7996	0.2481
44.5	0.9975	0.8644	0.8353	0.9979	0.5559	0.8692	0.6345
44.6	0.9979	0.8859	0.8458	0.9981	0.6211	0.8822	0.8415
44.7	0.9978	0.8897	0.8392	0.9977	0.6035	0.8937	0.8251
44.8	0.9973	0.8635	0.8825	0.9978	0.5045	0.8636	0.7983
44.9	0.9977	0.8595	0.8992	0.9984	0.6089	0.7085	0.9046
45.0	0.9977	0.8731	0.8688	0.9977	0.6970	0.4006	0.9336
45.1	0.9974	0.8585	0.8314	0.9976	0.6783	0.6604	0.9298
45.2	0.9971	0.8057	0.6973	0.9975	0.5531	0.8669	0.9476
45.3	0.9975	0.8111	0.3434	0.9973	0.5681	0.8527	0.9562
45.4	0.9979	0.7954	0.5760	0.9977	0.4569	0.8966	0.9663
45.5	0.9983	0.7913	0.7721	0.9975	0.3414	0.9230	0.9675
45.6	0.9983	0.7055	0.7672	0.9979	0.1934	0.9089	0.9647
45.7	0.9978	0.6636	0.7984	0.9977	0.1378	0.8993	0.9720
45.8	0.9963	0.7124	0.8671	0.9975	0.4036	0.8839	0.9591
45.9	0.9964	0.7860	0.8466	0.9968	0.5643	0.7038	0.9647
46.0	0.9950	0.8235	0.8201	0.9961	0.6427	0.6689	0.9463
46.1	0.9956	0.7581	0.7778	0.9961	0.4777	0.8803	0.9290
46.2	0.9964	0.4965	0.7962	0.9957	0.0384	0.8823	0.9290
46.3	0.9977	0.5144	0.8895	0.9968	0.3839	0.9192	0.9504
46.4	0.9970	0.7458	0.9114	0.9977	0.6611	0.9189	0.9374
46.5	0.9966	0.8201	0.9134	0.9976	0.7069	0.9083	0.9483
46.6	0.9954	0.8671	0.9352	0.9976	0.7447	0.9322	0.9632
46.7	0.9960	0.8716	0.9598	0.9978	0.7641	0.9264	0.9685
46.8	0.9968	0.9027	0.9620	0.9975	0.8151	0.9278	0.9807
46.9	0.9973	0.9138	0.9572	0.9980	0.8436	0.9150	0.9850
47.0	0.9972	0.9093	0.9654	0.9976	0.8525	0.9125	0.9775
47.1	0.9962	0.9015	0.9442	0.9970	0.8359	0.8853	0.9540
47.2	0.9955	0.9235	0.9337	0.9970	0.8727	0.8007	0.9600
47.3	0.9963	0.9298	0.9484	0.9968	0.8856	0.6759	0.9643
47.4	0.9966	0.9423	0.9682	0.9967	0.8995	0.3080	0.9588
47.5	0.9967	0.9483	0.9762	0.9978	0.9077	0.4546	0.9672
47.6	0.9960	0.9554	0.9554	0.9983	0.9234	0.6334	0.9624
47.7	0.9953	0.9544	0.9402	0.9980	0.9330	0.2375	0.9350
47.8	0.9955	0.9243	0.8676	0.9963	0.8877	0.0265	0.9139
47.9	0.9959	0.9337	0.8279	0.9971	0.9077	0.4645	0.9443
48.0	0.9967	0.8964	0.9527	0.9978	0.8666	0.7459	0.9370
48.1	0.9970	0.7778	0.9583	0.9981	0.7143	0.8598	0.8923
48.2	0.9955	0.7296	0.9124	0.9968	0.5335	0.7740	0.7585
48.3	0.9954	0.8573	0.9349	0.9955	0.7525	0.6425	0.7367
48.4	0.9944	0.8534	0.9092	0.9962	0.7099	0.7053	0.7471
48.5	0.9945	0.8347	0.8672	0.9965	0.6886	0.6134	0.7836
48.6	0.9951	0.8558	0.9120	0.9969	0.7104	0.7546	0.7305
48.7	0.9921	0.8854	0.9105	0.9965	0.8235	0.5941	0.7562
48.8	0.9940	0.9311	0.9081	0.9974	0.9061	0.4371	0.8873
48.9	0.9958	0.9279	0.8961	0.9973	0.9074	0.0389	0.8694
49.0	0.9957	0.9237	0.9220	0.9965	0.9084	0.3461	0.7963
49.1	0.9969	0.8978	0.9163	0.9964	0.8622	0.4016	0.5268
49.2	0.9977	0.9025	0.9323	0.9971	0.8537	0.3117	0.3930
49.3	0.9969	0.8850	0.9381	0.9967	0.8369	0.2145	0.4951
49.4	0.9973	0.8947	0.9377	0.9973	0.8353	0.1674	0.3933
49.5	0.9971	0.8789	0.8971	0.9964	0.8105	0.1044	0.1356
49.6	0.9966	0.8545	0.9084	0.9965	0.7406	0.0424	0.1493
49.7	0.9960	0.8851	0.9273	0.9958	0.7839	0.2713	0.5423
49.8	0.9964	0.9001	0.9510	0.9966	0.8377	0.6248	0.7528
49.9	0.9963	0.8638	0.9342	0.9964	0.8046	0.5578	0.6632
50.0	0.9964	0.8762	0.9289	0.9969	0.8338	0.5839	0.4160
50.1	0.9971	0.8730	0.9286	0.9968	0.8261	0.7437	0.4870
50.2	0.9982	0.8793	0.9188	0.9961	0.8213	0.8031	0.6146
50.3	0.9979	0.9043	0.9304	0.9966	0.8490	0.8290	0.6934
50.4	0.9972	0.8806	0.8734	0.9954	0.8092	0.7599	0.5339
50.5	0.9976	0.8663	0.8865	0.9955	0.7833	0.7295	0.6316
50.6	0.9980	0.8612	0.9157	0.9964	0.7856	0.7787	0.7189
50.7	0.9977	0.8165	0.9307	0.9964	0.7154	0.7781	0.7394
50.8	0.9951	0.6851	0.9010	0.9930	0.4970	0.5366	0.6622
50.9	0.9966	0.7287	0.9124	0.9935	0.5911	0.4869	0.7258

51.0	0.9969	0.7675	0.9275	0.9941	0.6376	0.6573	0.8091
51.1	0.9972	0.8066	0.9200	0.9958	0.6814	0.6789	0.8838
51.2	0.9970	0.8415	0.9247	0.9946	0.7672	0.8158	0.8540
51.3	0.9972	0.8822	0.9235	0.9948	0.8379	0.8903	0.8507
51.4	0.9963	0.8825	0.9014	0.9959	0.8248	0.8213	0.8984
51.5	0.9970	0.7871	0.8675	0.9952	0.6943	0.7804	0.9350
51.6	0.9964	0.7704	0.8709	0.9941	0.7031	0.7954	0.9264
51.7	0.9952	0.7752	0.8679	0.9911	0.7204	0.7771	0.8860
51.8	0.9938	0.8015	0.8726	0.9924	0.7522	0.7496	0.8957
51.9	0.9925	0.7889	0.7993	0.9948	0.7353	0.8174	0.9094
52.0	0.9944	0.8031	0.8345	0.9951	0.7617	0.8326	0.9152
52.1	0.9939	0.7022	0.7830	0.9924	0.6579	0.8497	0.9223
52.2	0.9922	0.5083	0.7449	0.9899	0.4310	0.8229	0.9169
52.3	0.9946	0.7037	0.7519	0.9929	0.6554	0.8675	0.9396
52.4	0.9947	0.6560	0.5919	0.9918	0.6129	0.8440	0.9361
52.5	0.9946	0.5116	0.8358	0.9931	0.4811	0.8774	0.9507
52.6	0.9960	0.3807	0.9104	0.9930	0.3551	0.8965	0.9644
52.7	0.9964	0.4240	0.8552	0.9917	0.4085	0.8951	0.9694
52.8	0.9959	0.2464	0.8799	0.9935	0.3664	0.9179	0.9771
52.9	0.9961	0.0518	0.9417	0.9944	0.0824	0.8951	0.9811
53.0	0.9917	0.2617	0.9289	0.9911	0.1722	0.7017	0.9764
53.1	0.9923	0.5292	0.9353	0.9907	0.3804	0.3913	0.9774
53.2	0.9957	0.6964	0.9721	0.9934	0.5872	0.6133	0.9848
53.3	0.9954	0.8074	0.9791	0.9939	0.7494	0.5710	0.9839
53.4	0.9922	0.7965	0.9521	0.9892	0.7284	0.6172	0.9764
53.5	0.9918	0.7661	0.9151	0.9912	0.6598	0.5548	0.9798
53.6	0.9908	0.7784	0.9474	0.9933	0.6699	0.3731	0.9831
53.7	0.9937	0.8148	0.9766	0.9900	0.7554	0.7032	0.9821
53.8	0.9907	0.8104	0.9557	0.9907	0.7644	0.6925	0.9826
53.9	0.9911	0.8389	0.9643	0.9865	0.8100	0.8109	0.9810
54.0	0.9894	0.8148	0.9728	0.9848	0.7828	0.8454	0.9765
54.1	0.9856	0.8366	0.9654	0.9872	0.8065	0.8743	0.9670
54.2	0.9816	0.7347	0.9373	0.9861	0.6778	0.7969	0.9626
54.3	0.9829	0.8463	0.9610	0.9906	0.8176	0.8824	0.9737
54.4	0.9897	0.9115	0.9848	0.9909	0.8990	0.9509	0.9780
54.5	0.9816	0.8829	0.9718	0.9898	0.8749	0.9437	0.9590
54.6	0.9797	0.8757	0.9723	0.9869	0.8692	0.9450	0.9511
54.7	0.9853	0.8274	0.9734	0.9889	0.8209	0.9429	0.9547
54.8	0.9785	0.8215	0.9590	0.9914	0.8052	0.9255	0.9592
54.9	0.9813	0.8936	0.9688	0.9909	0.8939	0.9462	0.9594
55.0	0.9808	0.8098	0.9640	0.9836	0.8231	0.9413	0.9367
55.1	0.9821	0.7649	0.9675	0.9856	0.7884	0.9544	0.9136
55.2	0.9819	0.7864	0.9755	0.9889	0.8144	0.9633	0.8985
55.3	0.9814	0.7301	0.9716	0.9871	0.7703	0.9596	0.8926
55.4	0.9868	0.6999	0.9754	0.9871	0.7627	0.9632	0.9031
55.5	0.9798	0.5331	0.9666	0.9819	0.6606	0.9535	0.8942
55.6	0.9847	0.6781	0.9700	0.9901	0.7491	0.9638	0.9216
55.7	0.9795	0.6926	0.9702	0.9847	0.7587	0.9549	0.8933
55.8	0.9805	0.6820	0.9717	0.9833	0.7476	0.9569	0.8915
55.9	0.9861	0.6788	0.9757	0.9819	0.7548	0.9646	0.9030
56.0	0.9864	0.5284	0.9618	0.9826	0.6489	0.9538	0.8807
56.1	0.9835	0.5784	0.9537	0.9792	0.6183	0.9275	0.8778
56.2	0.9838	0.6672	0.9605	0.9784	0.7181	0.9448	0.8825
56.3	0.9786	0.6423	0.9689	0.9803	0.7085	0.9509	0.8738
56.4	0.9833	0.7077	0.9734	0.9862	0.7681	0.9661	0.8888
56.5	0.9780	0.6584	0.9742	0.9829	0.7143	0.9552	0.8693
56.6	0.9792	0.6535	0.9693	0.9792	0.6879	0.9412	0.8612
56.7	0.9799	0.6680	0.9651	0.9757	0.6806	0.9372	0.8608
56.8	0.9840	0.7177	0.9773	0.9820	0.7486	0.9592	0.8791
56.9	0.9823	0.7166	0.9790	0.9819	0.7433	0.9617	0.8724
57.0	0.9810	0.5832	0.9686	0.9672	0.6399	0.9523	0.8446
57.1	0.9825	0.5349	0.9760	0.9604	0.5548	0.9510	0.8636
57.2	0.9771	0.6325	0.9633	0.9679	0.6163	0.9379	0.8874
57.3	0.9758	0.6845	0.9691	0.9720	0.6932	0.9410	0.8925
57.4	0.9631	0.5636	0.9604	0.9594	0.5918	0.9371	0.8552
57.5	0.9618	0.4541	0.9495	0.9467	0.4816	0.9268	0.8145
57.6	0.9652	0.4987	0.9526	0.9527	0.4849	0.9362	0.8282
57.7	0.9642	0.5243	0.9590	0.9640	0.5443	0.9411	0.8550
57.8	0.9606	0.5355	0.9664	0.9584	0.5746	0.9372	0.8362
57.9	0.9653	0.6236	0.9740	0.9668	0.6558	0.9611	0.8715
58.0	0.9781	0.6944	0.9745	0.9620	0.7032	0.9606	0.9067
58.1	0.9733	0.6231	0.9754	0.9597	0.6186	0.9531	0.8696
58.2	0.9596	0.5418	0.9733	0.9520	0.5533	0.9489	0.8235
58.3	0.9579	0.5027	0.9723	0.9438	0.5178	0.9496	0.8414
58.4	0.9483	0.4484	0.9657	0.9365	0.4848	0.9414	0.8171
58.5	0.9565	0.3907	0.9531	0.9320	0.4161	0.9441	0.8141
58.6	0.9122	0.2319	0.8800	0.8159	0.2454	0.8860	0.7125
58.7	0.9254	0.3369	0.9115	0.8391	0.3198	0.8939	0.7169
58.8	0.9496	0.4351	0.9598	0.9251	0.4205	0.9305	0.7990
58.9	0.9484	0.4682	0.9602	0.8937	0.4174	0.9066	0.7983
59.0	0.9617	0.5592	0.9624	0.9245	0.5089	0.9437	0.8449
59.1	0.9585	0.5439	0.9644	0.9292	0.4692	0.9414	0.8458
59.2	0.9628	0.6234	0.9670	0.9247	0.5466	0.9358	0.8499
59.3	0.9605	0.6344	0.9681	0.9080	0.5621	0.9427	0.8530
59.4	0.9603	0.7170	0.9734	0.9075	0.6516	0.9417	0.8595
59.5	0.9669	0.7252	0.9756	0.9125	0.6435	0.9502	0.8456

59.6	0.9616	0.6622	0.9691	0.8455	0.6269	0.9297	0.8057
59.7	0.9667	0.5720	0.9570	0.6654	0.5480	0.9330	0.8241
59.8	0.9719	0.6865	0.9651	0.1468	0.6723	0.9456	0.8718
59.9	0.9703	0.7384	0.9642	0.0210	0.7169	0.9406	0.8690
60.0	0.9665	0.7742	0.9583	0.0527	0.7403	0.9477	0.8268
60.1	0.9516	0.7552	0.9447	0.0096	0.7256	0.9413	0.7816
60.2	0.9367	0.6102	0.9220	0.1375	0.5779	0.9073	0.6526
60.3	0.9653	0.6316	0.9513	0.5819	0.6211	0.9141	0.7469
60.4	0.9554	0.6699	0.9557	0.8087	0.6475	0.9124	0.7312
60.5	0.9517	0.6458	0.9488	0.8466	0.6362	0.9116	0.7210
60.6	0.9542	0.6459	0.9526	0.8785	0.6545	0.9041	0.7200
60.7	0.9647	0.6864	0.9394	0.9081	0.7062	0.9298	0.7162
60.8	0.9511	0.6658	0.9348	0.9096	0.6869	0.9426	0.6900
60.9	0.9488	0.6723	0.9570	0.9055	0.7010	0.9474	0.7124
61.0	0.9575	0.6472	0.9671	0.8725	0.6846	0.9356	0.7410
61.1	0.9425	0.5905	0.9493	0.8529	0.6484	0.9153	0.6702
61.2	0.9228	0.5274	0.9458	0.8560	0.5996	0.9182	0.6679
61.3	0.9392	0.5596	0.9598	0.9043	0.6321	0.9474	0.6598
61.4	0.9432	0.4714	0.9470	0.9000	0.5822	0.9460	0.6550
61.5	0.9434	0.3349	0.9361	0.9019	0.5047	0.9485	0.6437
61.6	0.9192	0.3887	0.9436	0.8856	0.5319	0.9333	0.5575
61.7	0.9244	0.4105	0.9541	0.8952	0.5360	0.9478	0.5767
61.8	0.9217	0.3100	0.9442	0.8926	0.4440	0.9468	0.5541
61.9	0.8739	0.2559	0.9241	0.8559	0.3825	0.9227	0.4862
62.0	0.8802	0.4006	0.9432	0.8780	0.5443	0.9399	0.5189
62.1	0.8628	0.3759	0.9448	0.8721	0.4732	0.9146	0.4832
62.2	0.8687	0.3045	0.9431	0.8440	0.3924	0.9062	0.4621
62.3	0.8909	0.3338	0.9535	0.8910	0.4701	0.9370	0.4659
62.4	0.8699	0.3097	0.9347	0.8098	0.4303	0.9277	0.3524
62.5	0.8149	0.2403	0.9207	0.7380	0.3521	0.9114	0.2812
62.6	0.8054	0.1768	0.9259	0.7929	0.3090	0.9100	0.3270
62.7	0.8194	0.1753	0.9366	0.8154	0.2967	0.8953	0.3267
62.8	0.8145	0.1500	0.9560	0.8492	0.3398	0.9415	0.3654
62.9	0.8131	0.2116	0.9465	0.8500	0.3484	0.9317	0.3582
63.0	0.7483	0.1784	0.9372	0.7952	0.2978	0.9091	0.3048
63.1	0.7533	0.1463	0.9471	0.8137	0.2506	0.9116	0.4300
63.2	0.7855	0.0780	0.9414	0.8322	0.2193	0.9033	0.3972
63.3	0.7296	0.0548	0.9394	0.7862	0.1737	0.8882	0.3816
63.4	0.6461	0.0607	0.9259	0.6803	0.1022	0.8498	0.4452
63.5	0.5470	0.1345	0.9385	0.7360	0.2053	0.8774	0.3293
63.6	0.6306	0.0606	0.9290	0.7657	0.1333	0.8707	0.3492
63.7	0.7227	0.0331	0.9291	0.7332	0.1121	0.8936	0.4214
63.8	0.7235	0.0861	0.9354	0.7069	0.1335	0.8789	0.4833
63.9	0.6290	0.1197	0.9237	0.7040	0.1259	0.8694	0.4821
64.0	0.5796	0.0545	0.9344	0.7873	0.0771	0.8785	0.4502
64.1	0.6082	0.0633	0.9063	0.6689	0.0848	0.8509	0.4098
64.2	0.5800	0.0702	0.9328	0.6857	0.1289	0.8810	0.4588
64.3	0.6650	0.0282	0.9454	0.7121	0.0778	0.8665	0.5512
64.4	0.6427	0.0128	0.9204	0.6118	0.0290	0.8146	0.5047
64.5	0.6334	0.0353	0.9436	0.6689	0.0466	0.8771	0.5675
64.6	0.5682	0.0224	0.9215	0.6022	0.0116	0.8124	0.5416
64.7	0.6222	0.0076	0.9402	0.6011	0.0154	0.7972	0.5607
64.8	0.6430	0.0563	0.9608	0.6194	0.0751	0.8255	0.6080
64.9	0.5284	0.0486	0.9393	0.5126	0.0454	0.7428	0.5371
65.0	0.4549	0.0166	0.9277	0.4776	0.0018	0.7021	0.4781
65.1	0.4801	0.0656	0.9227	0.5694	0.0284	0.7549	0.5520
65.2	0.6186	0.0983	0.9352	0.6554	0.0863	0.8545	0.6699
65.3	0.5386	0.0598	0.9335	0.5994	0.0309	0.8238	0.6403
65.4	0.5894	0.0124	0.9429	0.5277	0.0046	0.8339	0.6929
65.5	0.5573	0.0820	0.9357	0.5480	0.0482	0.8050	0.6624
65.6	0.4735	0.1125	0.9358	0.6061	0.0766	0.8496	0.6700
65.7	0.5426	0.0541	0.9385	0.4524	0.0495	0.8837	0.6961
65.8	0.5138	0.0641	0.9263	0.5172	0.0530	0.8426	0.6896
65.9	0.6181	0.1216	0.9447	0.4884	0.1138	0.8399	0.7507
66.0	0.5288	0.1254	0.9276	0.4485	0.1096	0.8624	0.7372
66.1	0.4872	0.0304	0.8926	0.2993	0.0550	0.8461	0.6633
66.2	0.4909	0.1065	0.9177	0.3867	0.0953	0.8805	0.7345
66.3	0.4551	0.0910	0.9299	0.4127	0.0620	0.8521	0.7463
66.4	0.3760	0.1037	0.9137	0.3306	0.0705	0.7490	0.6866
66.5	0.5493	0.1002	0.9230	0.3262	0.0961	0.8088	0.6994
66.6	0.6519	0.1350	0.9435	0.3876	0.1251	0.8716	0.7893
66.7	0.6305	0.1777	0.9393	0.4173	0.1527	0.8695	0.8250
66.8	0.5720	0.2171	0.9085	0.3237	0.1939	0.8028	0.7752
66.9	0.6640	0.2079	0.9116	0.2736	0.2014	0.8313	0.7885
67.0	0.7534	0.1332	0.9038	0.3577	0.1319	0.8522	0.8193
67.1	0.6995	0.0991	0.9282	0.4398	0.0910	0.8659	0.8011
67.2	0.5935	0.1246	0.9365	0.3634	0.0906	0.8324	0.7884
67.3	0.5452	0.2072	0.9249	0.4192	0.1866	0.8664	0.8302
67.4	0.6032	0.1686	0.9030	0.3039	0.1751	0.8584	0.8218
67.5	0.5796	0.1240	0.9027	0.2877	0.1150	0.8682	0.8055
67.6	0.5870	0.2238	0.9212	0.3469	0.1801	0.8568	0.7856
67.7	0.7071	0.3340	0.9262	0.2789	0.2962	0.8663	0.8212
67.8	0.7231	0.2756	0.9059	0.1601	0.2707	0.7889	0.8207
67.9	0.6994	0.2569	0.9061	0.1550	0.2330	0.7842	0.8304
68.0	0.6808	0.2725	0.9049	0.2442	0.2674	0.8002	0.8542
68.1	0.7160	0.2863	0.8981	0.1997	0.2880	0.7986	0.8662

68.2	0.7739	0.4340	0.9103	0.2018	0.4382	0.8293	0.8818
68.3	0.7062	0.3399	0.8944	0.2212	0.3486	0.8054	0.8555
68.4	0.6958	0.2995	0.9088	0.2171	0.3071	0.7540	0.8521
68.5	0.7221	0.3544	0.9223	0.2191	0.3611	0.8093	0.8803
68.6	0.6957	0.4074	0.9239	0.2866	0.4147	0.8133	0.8655
68.7	0.7443	0.3898	0.9245	0.2684	0.3808	0.7833	0.8943
68.8	0.6900	0.4310	0.9397	0.2726	0.4069	0.7870	0.8734
68.9	0.6663	0.4400	0.9129	0.2677	0.4480	0.7819	0.8823
69.0	0.7185	0.4419	0.8876	0.1787	0.4596	0.7570	0.8628
69.1	0.6986	0.4717	0.9173	0.2925	0.4878	0.7824	0.8814
69.2	0.5753	0.4746	0.9054	0.3449	0.4888	0.7758	0.8801
69.3	0.5898	0.4651	0.9047	0.3575	0.4874	0.7089	0.8836
69.4	0.6460	0.4913	0.9041	0.4041	0.5038	0.7472	0.9093
69.5	0.6577	0.4794	0.8753	0.3354	0.4962	0.7460	0.8831
69.6	0.6014	0.5617	0.9040	0.3693	0.5717	0.7527	0.9079
69.7	0.6434	0.5859	0.9066	0.3603	0.5957	0.7760	0.9259
69.8	0.6423	0.5913	0.9020	0.4833	0.6114	0.7534	0.9113
69.9	0.6337	0.5599	0.8762	0.4526	0.6000	0.7311	0.9044
70.0	0.6713	0.5471	0.8587	0.3997	0.5691	0.7435	0.9153
70.1	0.7154	0.5794	0.8594	0.4892	0.6047	0.6934	0.9009
70.2	0.7026	0.4708	0.8744	0.4066	0.4951	0.6848	0.8922
70.3	0.6143	0.5641	0.8683	0.5050	0.5576	0.6391	0.8762
70.4	0.6763	0.5334	0.8777	0.5150	0.5512	0.6614	0.8979
70.5	0.7128	0.6151	0.8769	0.5347	0.6292	0.7351	0.9079
70.6	0.7279	0.5829	0.8280	0.6501	0.6137	0.7553	0.9024
70.7	0.6495	0.6214	0.8193	0.6357	0.6535	0.7117	0.9164
70.8	0.7066	0.6395	0.8524	0.6170	0.6719	0.7529	0.9260
70.9	0.7722	0.7383	0.9139	0.7009	0.7709	0.8443	0.9477
71.0	0.7599	0.7359	0.9011	0.6856	0.7499	0.8599	0.9288
71.1	0.7444	0.7043	0.8589	0.6534	0.7168	0.8102	0.9058
71.2	0.8488	0.7849	0.8370	0.7661	0.8124	0.8043	0.9238
71.3	0.8557	0.7880	0.8486	0.7715	0.8122	0.8274	0.9231
71.4	0.8603	0.7912	0.8682	0.7690	0.8151	0.8375	0.9262
71.5	0.8699	0.8571	0.8629	0.8138	0.8689	0.8663	0.9403
71.6	0.8543	0.7948	0.7915	0.7872	0.8160	0.8328	0.9119
71.7	0.8914	0.8496	0.7569	0.8641	0.8697	0.8134	0.9094
71.8	0.8840	0.8981	0.7991	0.9084	0.9046	0.8724	0.9493
71.9	0.8689	0.8804	0.8632	0.8936	0.8786	0.8987	0.9502
72.0	0.8765	0.8657	0.8106	0.8592	0.8669	0.8923	0.9306
72.1	0.8776	0.8785	0.7845	0.8762	0.8806	0.8970	0.9287
72.2	0.8744	0.8872	0.8237	0.8756	0.8958	0.9079	0.9212
72.3	0.8345	0.8924	0.7729	0.8916	0.8984	0.8695	0.8955
72.4	0.8392	0.8881	0.7658	0.9084	0.8955	0.8883	0.8966
72.5	0.8335	0.8298	0.7571	0.8546	0.8454	0.8722	0.8946
72.6	0.8330	0.8410	0.7498	0.8813	0.8606	0.8734	0.8944
72.7	0.8581	0.8676	0.7557	0.9083	0.8797	0.8739	0.8950
72.8	0.9007	0.9152	0.8368	0.9318	0.9249	0.9148	0.9235
72.9	0.9110	0.9261	0.8783	0.9473	0.9371	0.9250	0.9357
73.0	0.9014	0.9197	0.8415	0.9357	0.9286	0.8997	0.9333
73.1	0.9120	0.9211	0.8603	0.9283	0.9301	0.9113	0.9186
73.2	0.9204	0.9363	0.8814	0.9363	0.9409	0.9194	0.9185
73.3	0.8964	0.9234	0.9095	0.9265	0.9278	0.9299	0.9230
73.4	0.8958	0.9042	0.8939	0.9116	0.9190	0.9197	0.8923
73.5	0.8990	0.9077	0.9075	0.9160	0.9268	0.9214	0.8935
73.6	0.8946	0.9142	0.9049	0.9166	0.9269	0.9335	0.9177
73.7	0.8790	0.9061	0.9126	0.9232	0.9206	0.9259	0.9146
73.8	0.9013	0.9113	0.9304	0.9338	0.9286	0.9305	0.9264
73.9	0.9041	0.9263	0.9505	0.9449	0.9379	0.9494	0.9365
74.0	0.9083	0.9321	0.9388	0.9448	0.9406	0.9284	0.9181
74.1	0.9155	0.9298	0.9418	0.9434	0.9401	0.9338	0.9297
74.2	0.9191	0.9304	0.9565	0.9439	0.9417	0.9444	0.9336
74.3	0.9306	0.9338	0.9578	0.9354	0.9469	0.9452	0.9344
74.4	0.9415	0.9372	0.9687	0.9393	0.9519	0.9591	0.9348
74.5	0.9201	0.9231	0.9671	0.9374	0.9411	0.9480	0.9273
74.6	0.9073	0.9090	0.9538	0.9259	0.9272	0.9335	0.9159
74.7	0.9209	0.9362	0.9538	0.9424	0.9432	0.9462	0.9279
74.8	0.9069	0.9192	0.9553	0.9333	0.9305	0.9471	0.9172
74.9	0.9139	0.9109	0.9545	0.9295	0.9290	0.9425	0.9149
75.0	0.9253	0.9301	0.9643	0.9358	0.9417	0.9562	0.9265
75.1	0.9161	0.9235	0.9477	0.9277	0.9355	0.9434	0.9170
75.2	0.9167	0.9239	0.9522	0.9336	0.9423	0.9534	0.9078
75.3	0.9381	0.9385	0.9648	0.9486	0.9509	0.9632	0.9284
75.4	0.9507	0.9467	0.9594	0.9515	0.9544	0.9528	0.9343
75.5	0.9408	0.9455	0.9685	0.9461	0.9556	0.9589	0.9286
75.6	0.9226	0.9266	0.9637	0.9374	0.9420	0.9579	0.9193
75.7	0.9394	0.9402	0.9656	0.9519	0.9536	0.9618	0.9390
75.8	0.9462	0.9457	0.9706	0.9533	0.9574	0.9662	0.9510
75.9	0.9233	0.9255	0.9657	0.9352	0.9398	0.9574	0.9294
76.0	0.9189	0.9260	0.9590	0.9371	0.9380	0.9466	0.9132
76.1	0.9406	0.9485	0.9679	0.9601	0.9578	0.9561	0.9345
76.2	0.9429	0.9473	0.9691	0.9626	0.9585	0.9616	0.9440
76.3	0.9299	0.9302	0.9649	0.9390	0.9469	0.9588	0.9383
76.4	0.9525	0.9481	0.9697	0.9488	0.9624	0.9648	0.9555
76.5	0.9405	0.9414	0.9672	0.9467	0.9568	0.9630	0.9448
76.6	0.9329	0.9278	0.9721	0.9369	0.9468	0.9689	0.9237
76.7	0.9452	0.9446	0.9711	0.9504	0.9557	0.9675	0.9385

76.8	0.9591	0.9561	0.9725	0.9595	0.9658	0.9686	0.9565
76.9	0.9599	0.9561	0.9779	0.9594	0.9679	0.9756	0.9609
77.0	0.9523	0.9538	0.9704	0.9568	0.9630	0.9670	0.9641
77.1	0.9640	0.9612	0.9742	0.9608	0.9687	0.9726	0.9679
77.2	0.9493	0.9458	0.9707	0.9480	0.9582	0.9682	0.9463
77.3	0.9300	0.9234	0.9675	0.9350	0.9431	0.9614	0.9294
77.4	0.9448	0.9357	0.9683	0.9354	0.9537	0.9611	0.9411
77.5	0.9587	0.9554	0.9711	0.9544	0.9669	0.9643	0.9552
77.6	0.9592	0.9571	0.9698	0.9556	0.9648	0.9660	0.9556
77.7	0.9677	0.9637	0.9739	0.9641	0.9707	0.9704	0.9641
77.8	0.9620	0.9577	0.9717	0.9563	0.9670	0.9675	0.9515
77.9	0.9626	0.9577	0.9759	0.9569	0.9705	0.9708	0.9607
78.0	0.9683	0.9698	0.9773	0.9651	0.9778	0.9737	0.9682
78.1	0.9704	0.9704	0.9820	0.9674	0.9769	0.9785	0.9667
78.2	0.9633	0.9635	0.9793	0.9639	0.9714	0.9763	0.9610
78.3	0.9516	0.9436	0.9715	0.9390	0.9576	0.9672	0.9416
78.4	0.9538	0.9444	0.9708	0.9363	0.9592	0.9654	0.9308
78.5	0.9652	0.9602	0.9746	0.9460	0.9701	0.9722	0.9431
78.6	0.9594	0.9525	0.9709	0.9389	0.9636	0.9658	0.9496
78.7	0.9688	0.9611	0.9737	0.9535	0.9712	0.9632	0.9557
78.8	0.9651	0.9565	0.9681	0.9448	0.9648	0.9630	0.9498
78.9	0.9620	0.9529	0.9496	0.9234	0.9565	0.9505	0.9530
79.0	0.9533	0.9426	0.9315	0.9226	0.9458	0.9313	0.9453
79.1	0.9476	0.9338	0.9399	0.9262	0.9427	0.9377	0.9316
79.2	0.9473	0.9299	0.9575	0.9134	0.9479	0.9559	0.9205
79.3	0.9744	0.9643	0.9724	0.9438	0.9741	0.9761	0.9519
79.4	0.9740	0.9671	0.9727	0.9567	0.9761	0.9713	0.9614
79.5	0.9647	0.9506	0.9691	0.9262	0.9651	0.9649	0.9464
79.6	0.9596	0.9477	0.9738	0.9223	0.9598	0.9711	0.9458
79.7	0.9598	0.9569	0.9760	0.9496	0.9654	0.9708	0.9448
79.8	0.9654	0.9604	0.9746	0.9484	0.9673	0.9689	0.9473
79.9	0.9710	0.9670	0.9726	0.9516	0.9734	0.9692	0.9524
80.0	0.9703	0.9645	0.9772	0.9571	0.9713	0.9752	0.9486

3 Shake plate rap test data

3.1 Rap test FRF data

f (Hz)	Pt 1 +x (g/lb)	Pt 2 -y (g/lb)	Pt 3 +x (g/lb)	Pt 4 -y (g/lb)	Pt 5 +z (g/lb)
0.0	0.3535+0.0000i	0.8720+0.0000i	0.1347+0.0000i	0.0113+0.0000i	0.0085+0.0000i
0.1	0.2919-0.6230i	-1.0369+2.0802i	0.3312-0.0371i	-0.3387+0.5851i	16.2393-19.1691i
0.2	0.1189-0.2151i	-0.4371+1.1558i	0.2364-0.3688i	0.3560+0.2238i	1.5349-12.0842i
0.4	0.1146-0.1643i	-0.4707+0.6753i	0.0158-0.0784i	0.1228+0.0383i	-0.3235-7.0031i
0.5	0.0897-0.1327i	-0.4405+0.5837i	0.1189-0.0507i	0.0866+0.0064i	0.1527-4.0226i
0.6	0.0979-0.1311i	-0.4108+0.5811i	0.1370-0.0480i	0.0737+0.0299i	0.5420-3.3757i
0.8	0.0643-0.1155i	-0.2933+0.5102i	0.1109-0.0755i	0.0866-0.0184i	0.3608-2.6222i
0.9	0.0585-0.0998i	-0.2384+0.3994i	0.1100-0.0647i	0.0356-0.0345i	0.3743-2.1562i
1.0	0.0483-0.0787i	-0.2378+0.3258i	0.0969-0.0565i	0.0100-0.0163i	0.2804-1.7243i
1.1	0.0482-0.0597i	-0.2373+0.2882i	0.1044-0.0583i	0.0198+0.0145i	0.3459-1.3358i
1.2	0.0446-0.0594i	-0.2139+0.2660i	0.0855-0.0611i	0.0240+0.0091i	0.2985-1.1668i
1.4	0.0415-0.0471i	-0.2033+0.2156i	0.0643-0.0559i	0.0312+0.0141i	0.2484-0.7569i
1.5	0.0366-0.0423i	-0.2008+0.1908i	0.0769-0.0345i	0.0383+0.0151i	0.5291-0.5527i
1.6	0.0329-0.0238i	-0.2030+0.1582i	0.0623-0.0456i	0.0465+0.0045i	0.6699-0.7090i
1.8	0.0450-0.0166i	-0.1948+0.1523i	0.0693-0.0315i	0.0441-0.0030i	0.4302-0.7280i
1.9	0.0433-0.0091i	-0.1991+0.1282i	0.0639-0.0348i	0.0515-0.0016i	0.3660-0.6080i
2.0	0.0565-0.0124i	-0.1878+0.1222i	0.0500-0.0344i	0.0542-0.0101i	0.2617-0.5204i
2.1	0.0578-0.0141i	-0.1825+0.0960i	0.0489-0.0183i	0.0752-0.0309i	0.2073-0.3926i
2.2	0.0577-0.0172i	-0.2046+0.1117i	0.0512-0.0218i	0.0189-0.0913i	0.2286-0.2487i
2.4	0.0671-0.0286i	-0.1621+0.1018i	0.0527-0.0092i	-0.0179-0.0393i	0.2697-0.2603i
2.5	0.0475-0.0470i	-0.1514+0.0915i	0.0766-0.0246i	-0.0042-0.0123i	0.2205-0.2292i
2.6	0.0213-0.0347i	-0.1375+0.0749i	0.0447-0.0421i	0.0020-0.0205i	0.2216-0.2157i
2.8	0.0206-0.0240i	-0.1304+0.0512i	0.0311-0.0319i	-0.0128-0.0050i	0.1817-0.1772i
2.9	0.0155-0.0067i	-0.1383+0.0401i	0.0277-0.0271i	0.0097+0.0089i	0.1503-0.1435i
3.0	0.0224-0.0064i	-0.1354+0.0420i	0.0168-0.0210i	0.0182-0.0068i	0.1651-0.1135i
3.1	0.0273-0.0051i	-0.1213+0.0371i	0.0069-0.0141i	0.0099-0.0125i	0.1459-0.0998i
3.2	0.0263-0.0073i	-0.1130+0.0257i	0.0047+0.0083i	0.0045-0.0068i	0.1154-0.0799i
3.4	0.0214-0.0072i	-0.1090+0.0166i	0.0179+0.0182i	0.0133-0.0062i	0.1236-0.0543i
3.5	0.0235-0.0056i	-0.1037+0.0137i	0.0292+0.0187i	0.0082-0.0129i	0.1294-0.0572i
3.6	0.0201-0.0104i	-0.0975+0.0062i	0.0390-0.0011i	-0.0051-0.0100i	0.0816-0.0802i
3.8	0.0133-0.0075i	-0.0888+0.0011i	0.0204+0.0002i	-0.0017+0.0037i	0.0593-0.0467i
3.9	0.0099-0.0025i	-0.0826-0.0099i	0.0199-0.0027i	0.0061+0.0000i	0.0535-0.0277i
4.0	0.0131-0.0034i	-0.0847-0.0183i	0.0119+0.0083i	0.0050+0.0014i	0.0357+0.0095i
4.1	0.0096-0.0079i	-0.0818-0.0188i	0.0169+0.0057i	0.0071+0.0002i	0.0658+0.0253i
4.2	-0.0008-0.0046i	-0.0784-0.0222i	0.0169+0.0057i	0.0080+0.0033i	0.0672+0.0106i
4.4	-0.0018+0.0032i	-0.0701-0.0254i	0.0104+0.0027i	0.0122-0.0002i	0.0645+0.0140i
4.5	0.0013+0.0077i	-0.0711-0.0282i	0.0022+0.0069i	0.0114-0.0002i	0.0656+0.0083i
4.6	0.0039+0.0063i	-0.0657-0.0255i	0.0030+0.0145i	0.0136-0.0014i	0.0646-0.0086i
4.8	-0.0043+0.0049i	-0.0578-0.0296i	0.0028+0.0216i	0.0094-0.0030i	0.0336-0.0238i
4.9	-0.0030+0.0124i	-0.0523-0.0323i	0.0137+0.0227i	0.0125-0.0008i	-0.0074-0.0093i
5.0	0.0018+0.0134i	-0.0483-0.0342i	0.0169+0.0156i	0.0111-0.0042i	-0.0061+0.0152i
5.1	0.0062+0.0045i	-0.0436-0.0383i	0.0132+0.0114i	0.0118-0.0052i	-0.0054+0.0451i
5.2	-0.0079+0.0061i	-0.0398-0.0404i	0.0086+0.0105i	0.0080-0.0075i	-0.0066+0.0680i
5.4	-0.0026+0.0151i	-0.0391-0.0422i	0.0096+0.0108i	0.0059-0.0036i	0.0491+0.0743i
5.5	0.0023+0.0071i	-0.0333-0.0378i	0.0065+0.0083i	0.0060+0.0006i	0.0413+0.0258i
5.6	-0.0055+0.0063i	-0.0254-0.0423i	0.0011+0.0069i	0.0131+0.0000i	0.0163+0.0369i
5.8	-0.0056+0.0057i	-0.0220-0.0419i	-0.0023+0.0146i	0.0104-0.0057i	0.0382+0.0558i
5.9	-0.0104+0.0082i	-0.0150-0.0463i	0.0027+0.0184i	0.0072-0.0075i	0.0395+0.0319i
6.0	-0.0107+0.0088i	-0.0180-0.0535i	0.0069+0.0116i	0.0040-0.0035i	0.0452+0.0289i
6.1	-0.0112+0.0101i	-0.0155-0.0483i	0.0035+0.0065i	0.0037-0.0027i	0.0287+0.0139i
6.2	-0.0089+0.0099i	-0.0089-0.0458i	-0.0025+0.0095i	0.0025+0.0028i	0.0147+0.0048i
6.4	-0.0142+0.0079i	-0.0051-0.0555i	-0.0036+0.0100i	0.0104+0.0057i	-0.0125+0.0369i
6.5	-0.0167+0.0110i	-0.0102-0.0533i	-0.0004+0.0079i	0.0146+0.0045i	0.0113+0.0564i
6.6	-0.0123+0.0142i	-0.0070-0.0476i	-0.0096+0.0061i	0.0159-0.0033i	0.0454+0.0557i
6.8	-0.0154+0.0105i	-0.0030-0.0452i	-0.0081+0.0098i	0.0112-0.0060i	0.0429+0.0293i
6.9	-0.0152+0.0145i	0.0065-0.0439i	-0.0140+0.0082i	0.0109-0.0016i	0.0498+0.0186i
7.0	-0.0111+0.0130i	0.0063-0.0488i	-0.0134+0.0139i	0.0134-0.0029i	0.0393+0.0201i
7.1	-0.0154+0.0024i	0.0076-0.0455i	-0.0112+0.0170i	0.0089-0.0063i	0.0482+0.0153i
7.2	-0.0275+0.0133i	0.0125-0.0433i	-0.0084+0.0148i	0.0077-0.0019i	0.0447-0.0267i
7.4	-0.0178+0.0170i	0.0170-0.0439i	-0.0072+0.0097i	0.0116+0.0011i	0.0012-0.0089i
7.5	-0.0169+0.0141i	0.0208-0.0451i	-0.0119+0.0079i	0.0136-0.0008i	0.0235+0.0153i
7.6	-0.0172+0.0125i	0.0217-0.0484i	-0.0123+0.0053i	0.0111-0.0028i	0.0189-0.0181i
7.8	-0.0157+0.0106i	0.0192-0.0453i	-0.0236+0.0029i	0.0126+0.0028i	-0.0002-0.0050i
7.9	-0.0199+0.0074i	0.0242-0.0417i	-0.0263+0.0134i	0.0182+0.0003i	-0.0004+0.0095i
8.0	-0.0238+0.0095i	0.0285-0.0436i	-0.0260+0.0191i	0.0168-0.0035i	0.0168+0.0025i
8.1	-0.0243+0.0078i	0.0298-0.0418i	-0.0177+0.0210i	0.0157-0.0058i	0.0162-0.0088i
8.2	-0.0296+0.0092i	0.0340-0.0444i	-0.0174+0.0140i	0.0127-0.0020i	-0.0037-0.0123i
8.4	-0.0316+0.0131i	0.0326-0.0451i	-0.0215+0.0156i	0.0166+0.0009i	-0.0091+0.0012i
8.5	-0.0300+0.0157i	0.0317-0.0411i	-0.0192+0.0156i	0.0208-0.0008i	0.0040+0.0097i
8.6	-0.0287+0.0164i	0.0331-0.0382i	-0.0241+0.0135i	0.0197-0.0045i	0.0048-0.0012i
8.8	-0.0293+0.0159i	0.0365-0.0368i	-0.0280+0.0153i	0.0219-0.0028i	0.0015-0.0112i
8.9	-0.0310+0.0193i	0.0397-0.0351i	-0.0299+0.0234i	0.0213-0.0079i	-0.0138+0.0064i
9.0	-0.0288+0.0222i	0.0404-0.0363i	-0.0242+0.0260i	0.0206-0.0053i	0.0014+0.0036i
9.1	-0.0256+0.0211i	0.0408-0.0322i	-0.0212+0.0258i	0.0214-0.0070i	-0.0022+0.0027i
9.2	-0.0257+0.0201i	0.0441-0.0309i	-0.0223+0.0247i	0.0224-0.0082i	-0.0001-0.0022i
9.4	-0.0268+0.0226i	0.0492-0.0293i	-0.0222+0.0315i	0.0178-0.0103i	-0.0089-0.0091i
9.5	-0.0190+0.0210i	0.0499-0.0321i	-0.0093+0.0299i	0.0177-0.0031i	-0.0241-0.0022i
9.6	-0.0200+0.0176i	0.0475-0.0301i	-0.0074+0.0227i	0.0252-0.0019i	-0.0191+0.0113i

9.8	-0.0201+0.0130i	0.0501-0.0276i	-0.0082+0.0166i	0.0290-0.0064i	-0.0182+0.0200i
9.9	-0.0241+0.0119i	0.0533-0.0255i	-0.0137+0.0117i	0.0268-0.0116i	-0.0018+0.0226i
10.0	-0.0261+0.0134i	0.0553-0.0249i	-0.0149+0.0149i	0.0234-0.0119i	0.0007+0.0130i
10.1	-0.0248+0.0124i	0.0571-0.0264i	-0.0160+0.0107i	0.0238-0.0081i	-0.0052+0.0168i
10.2	-0.0283+0.0108i	0.0566-0.0250i	-0.0180+0.0107i	0.0268-0.0073i	0.0026+0.0209i
10.4	-0.0272+0.0110i	0.0566-0.0223i	-0.0203+0.0091i	0.0278-0.0097i	0.0078+0.0103i
10.5	-0.0297+0.0096i	0.0605-0.0186i	-0.0222+0.0082i	0.0293-0.0091i	0.0060+0.0071i
10.6	-0.0305+0.0110i	0.0630-0.0209i	-0.0254+0.0105i	0.0309-0.0115i	0.0034+0.0071i
10.8	-0.0313+0.0086i	0.0629-0.0178i	-0.0268+0.0120i	0.0310-0.0112i	-0.0008+0.0055i
10.9	-0.0345+0.0107i	0.0671-0.0187i	-0.0254+0.0133i	0.0313-0.0130i	0.0052+0.0087i
11.0	-0.0325+0.0117i	0.0681-0.0156i	-0.0248+0.0134i	0.0320-0.0105i	-0.0039-0.0006i
11.1	-0.0335+0.0068i	0.0702-0.0177i	-0.0242+0.0092i	0.0349-0.0124i	-0.0033+0.0217i
11.2	-0.0382+0.0058i	0.0719-0.0167i	-0.0278+0.0074i	0.0354-0.0139i	0.0106+0.0145i
11.4	-0.0405+0.0090i	0.0744-0.0152i	-0.0319+0.0085i	0.0375-0.0133i	0.0157+0.0051i
11.5	-0.0416+0.0073i	0.0768-0.0166i	-0.0311+0.0081i	0.0397-0.0151i	0.0081-0.0030i
11.6	-0.0471+0.0083i	0.0777-0.0164i	-0.0365+0.0078i	0.0407-0.0168i	0.0040+0.0046i
11.8	-0.0475+0.0118i	0.0802-0.0174i	-0.0362+0.0108i	0.0429-0.0173i	0.0084-0.0014i
11.9	-0.0491+0.0138i	0.0812-0.0185i	-0.0398+0.0075i	0.0414-0.0207i	0.0061-0.0060i
12.0	-0.0473+0.0133i	0.0821-0.0190i	-0.0420+0.0125i	0.0431-0.0190i	-0.0066-0.0019i
12.1	-0.0511+0.0123i	0.0834-0.0173i	-0.0429+0.0116i	0.0432-0.0183i	0.0007+0.0056i
12.2	-0.0529+0.0159i	0.0854-0.0165i	-0.0463+0.0145i	0.0478-0.0178i	0.0042-0.0004i
12.4	-0.0525+0.0151i	0.0904-0.0163i	-0.0467+0.0170i	0.0495-0.0201i	0.0021+0.0001i
12.5	-0.0545+0.0136i	0.0942-0.0194i	-0.0472+0.0188i	0.0521-0.0182i	0.0009-0.0039i
12.6	-0.0589+0.0147i	0.0960-0.0225i	-0.0457+0.0187i	0.0574-0.0205i	-0.0084+0.0021i
12.8	-0.0628+0.0157i	0.0962-0.0245i	-0.0511+0.0182i	0.0623-0.0228i	0.0001+0.0072i
12.9	-0.0655+0.0183i	0.1015-0.0245i	-0.0512+0.0208i	0.0642-0.0277i	0.0028+0.0023i
13.0	-0.0686+0.0222i	0.1014-0.0296i	-0.0504+0.0231i	0.0663-0.0276i	0.0006+0.0006i
13.1	-0.0667+0.0249i	0.1054-0.0280i	-0.0517+0.0204i	0.0714-0.0314i	0.0034+0.0024i
13.2	-0.0669+0.0227i	0.1083-0.0329i	-0.0548+0.0214i	0.0731-0.0335i	0.0031+0.0022i
13.4	-0.0732+0.0213i	0.1111-0.0353i	-0.0581+0.0213i	0.0771-0.0361i	0.0059-0.0044i
13.5	-0.0754+0.0234i	0.1127-0.0388i	-0.0614+0.0230i	0.0823-0.0401i	-0.0021-0.0067i
13.6	-0.0804+0.0223i	0.1176-0.0408i	-0.0654+0.0242i	0.0858-0.0432i	-0.0035-0.0015i
13.8	-0.0879+0.0248i	0.1204-0.0439i	-0.0671+0.0260i	0.0896-0.0478i	-0.0063-0.0061i
13.9	-0.0914+0.0285i	0.1259-0.0442i	-0.0749+0.0261i	0.0937-0.0499i	-0.0115+0.0046i
14.0	-0.0962+0.0301i	0.1360-0.0489i	-0.0792+0.0321i	0.1010-0.0515i	-0.0006+0.0107i
14.1	-0.1034+0.0337i	0.1438-0.0552i	-0.0810+0.0370i	0.1110-0.0594i	0.0027+0.0052i
14.2	-0.1091+0.0393i	0.1561-0.0646i	-0.0855+0.0390i	0.1208-0.0664i	0.0038+0.0019i
14.4	-0.1134+0.0413i	0.1641-0.0766i	-0.0892+0.0449i	0.1302-0.0785i	-0.0040-0.0002i
14.5	-0.1197+0.0468i	0.1740-0.0905i	-0.0917+0.0486i	0.1373-0.0923i	-0.0017+0.0049i
14.6	-0.1268+0.0499i	0.1820-0.1086i	-0.0972+0.0527i	0.1452-0.1105i	0.0042+0.0067i
14.8	-0.1349+0.0556i	0.1883-0.1250i	-0.1010+0.0589i	0.1429-0.1250i	0.0036-0.0016i
14.9	-0.1422+0.0586i	0.1969-0.1454i	-0.1039+0.0640i	0.1516-0.1384i	-0.0035+0.0073i
15.0	-0.1553+0.0655i	0.2081-0.1706i	-0.1082+0.0656i	0.1561-0.1567i	0.0087+0.0093i
15.1	-0.1671+0.0757i	0.2157-0.2063i	-0.1213+0.0718i	0.1700-0.1810i	0.0093-0.0029i
15.2	-0.1784+0.0869i	0.2154-0.2505i	-0.1271+0.0857i	0.1699-0.2266i	0.0055-0.0022i
15.4	-0.1878+0.0978i	0.1913-0.2948i	-0.1305+0.0943i	0.1462-0.2604i	-0.0019+0.0007i
15.5	-0.2030+0.1096i	0.1694-0.3163i	-0.1389+0.1014i	0.1222-0.2784i	0.0080+0.0041i
15.6	-0.2194+0.1237i	0.1593-0.3394i	-0.1503+0.1168i	0.1192-0.2897i	0.0068-0.0063i
15.8	-0.2418+0.1426i	0.1624-0.3799i	-0.1593+0.1320i	0.1201-0.3301i	0.0014-0.0024i
15.9	-0.2659+0.1725i	0.1463-0.4468i	-0.1706+0.1526i	0.0944-0.3823i	-0.0012+0.0009i
16.0	-0.2869+0.2124i	0.0963-0.5191i	-0.1817+0.1758i	0.0607-0.4237i	0.0050+0.0037i
16.1	-0.3005+0.2626i	0.0331-0.5919i	-0.1915+0.2117i	0.0117-0.4874i	0.0091+0.0045i
16.2	-0.3098+0.3137i	-0.0751-0.6829i	-0.1907+0.2525i	-0.0868-0.5529i	0.0139-0.0074i
16.4	-0.3229+0.3790i	-0.3039-0.6985i	-0.1845+0.2936i	-0.2714-0.5664i	0.0012-0.0071i
16.5	-0.3159+0.4617i	-0.4969-0.5459i	-0.1744+0.3347i	-0.4233-0.4024i	0.0065-0.0037i
16.6	-0.2920+0.5681i	-0.5137-0.3536i	-0.1716+0.3956i	-0.4060-0.2654i	0.0054-0.0059i
16.8	-0.2189+0.6769i	-0.4910-0.2473i	-0.1265+0.4849i	-0.3925-0.1993i	0.0037-0.0087i
16.9	-0.1057+0.7696i	-0.4518-0.1737i	-0.0365+0.5403i	-0.3735-0.1284i	0.0003-0.0052i
17.0	0.0422+0.8555i	-0.4181-0.1206i	0.0569+0.5943i	-0.3461-0.0751i	0.0024-0.0034i
17.1	0.2865+0.8376i	-0.3839-0.0791i	0.2206+0.5954i	-0.3103-0.0325i	0.0035-0.0064i
17.2	0.4562+0.7244i	-0.3487-0.0580i	0.3599+0.5202i	-0.2634-0.0080i	-0.0037-0.0050i
17.4	0.5611+0.5306i	-0.3251-0.0311i	0.4402+0.3745i	-0.2314-0.0017i	0.0011+0.0008i
17.5	0.5438+0.3732i	-0.2867-0.0191i	0.4334+0.2473i	-0.2091-0.0024i	0.0035+0.0003i
17.6	0.4995+0.2791i	-0.2629-0.0193i	0.3907+0.1637i	-0.1906-0.0010i	0.0033-0.0017i
17.8	0.4615+0.2136i	-0.2456-0.0173i	0.3454+0.1250i	-0.1790+0.0037i	0.0039-0.0027i
17.9	0.4167+0.1724i	-0.2306-0.0189i	0.3181+0.1004i	-0.1626+0.0056i	0.0035-0.0021i
18.0	0.3847+0.1518i	-0.2208-0.0183i	0.2935+0.0801i	-0.1496+0.0051i	0.0035+0.0017i
18.1	0.3666+0.1356i	-0.2095-0.0160i	0.2751+0.0678i	-0.1370+0.0053i	0.0045-0.0020i
18.2	0.3563+0.1197i	-0.1978-0.0141i	0.2607+0.0589i	-0.1261-0.0001i	0.0050+0.0034i
18.4	0.3429+0.0974i	-0.1860-0.0188i	0.2521+0.0479i	-0.1188-0.0044i	0.0088+0.0025i
18.5	0.3297+0.0762i	-0.1766-0.0219i	0.2431+0.0323i	-0.1144-0.0099i	0.0117-0.0014i
18.6	0.3118+0.0549i	-0.1719-0.0296i	0.2273+0.0162i	-0.1127-0.0127i	0.0068-0.0066i
18.8	0.2878+0.0442i	-0.1704-0.0347i	0.2067+0.0121i	-0.1092-0.0172i	0.0078+0.0006i
18.9	0.2701+0.0361i	-0.1725-0.0381i	0.1959+0.0108i	-0.1132-0.0208i	0.0110-0.0015i
19.0	0.2546+0.0360i	-0.1752-0.0352i	0.1871+0.0067i	-0.1152-0.0164i	0.0075-0.0022i
19.1	0.2438+0.0312i	-0.1758-0.0327i	0.1743+0.0060i	-0.1152-0.0135i	0.0128-0.0004i
19.2	0.2337+0.0283i	-0.1745-0.0268i	0.1684+0.0054i	-0.1106-0.0096i	0.0101-0.0013i
19.4	0.2232+0.0250i	-0.1712-0.0200i	0.1618+0.0036i	-0.1092-0.0101i	0.0150-0.0055i
19.5	0.2161+0.0242i	-0.1621-0.0157i	0.1562+0.0035i	-0.1088-0.0074i	0.0112-0.0090i
19.6	0.2081+0.0192i	-0.1591-0.0180i	0.1496-0.0005i	-0.1035-0.0020i	0.0036-0.0038i
19.8	0.1999+0.0179i	-0.1523-0.0139i	0.1435+0.0009i	-0.1007-0.0016i	0.0062+0.0000i
19.9	0.1925+0.0164i	-0.1482-0.0134i	0.1382-0.0003i	-0.0978-0.0000i	0.0114+0.0025i
20.0	0.1860+0.0147i	-0.1425-0.0119i	0.1334+0.0018i	-0.0943+0.0005i	0.0148+0.0002i
20.1	0.1803+0.0158i	-0.1378-0.0113i	0.1313+0.0007i	-0.0913+0.0038i	0.0121-0.0022i
20.2	0.1764+0.0129i	-0.1314-0.0101i	0.1282-0.0013i	-0.0850+0.0036i	0.0122+0.0003i
20.4	0.1705+0.0115i	-0.1243-0.0133i	0.1222-0.0033i	-0.0809+0.0026i	0.0140-0.0010i

20.5	0.1653+0.0108i	-0.1221-0.0155i	0.1173-0.0039i	-0.0774+0.0007i	0.0162-0.0003i
20.6	0.1603+0.0087i	-0.1197-0.0173i	0.1134-0.0019i	-0.0775-0.0005i	0.0139-0.0028i
20.8	0.1543+0.0086i	-0.1167-0.0158i	0.1094-0.0006i	-0.0740-0.0009i	0.0160+0.0000i
20.9	0.1500+0.0096i	-0.1140-0.0151i	0.1082+0.0007i	-0.0730-0.0027i	0.0160-0.0021i
21.0	0.1473+0.0106i	-0.1095-0.0168i	0.1071+0.0016i	-0.0727-0.0033i	0.0144-0.0018i
21.1	0.1451+0.0077i	-0.1061-0.0144i	0.1062-0.0021i	-0.0725+0.0000i	0.0200-0.0002i
21.2	0.1409+0.0087i	-0.1005-0.0170i	0.1006-0.0031i	-0.0667+0.0006i	0.0211-0.0030i
21.4	0.1383+0.0057i	-0.0987-0.0181i	0.0979-0.0014i	-0.0647-0.0011i	0.0170-0.0074i
21.5	0.1320+0.0061i	-0.0940-0.0176i	0.0956-0.0008i	-0.0616-0.0016i	0.0181-0.0049i
21.6	0.1318+0.0064i	-0.0909-0.0189i	0.0933-0.0002i	-0.0582-0.0029i	0.0150-0.0072i
21.8	0.1264+0.0056i	-0.0860-0.0203i	0.0910-0.0008i	-0.0567-0.0074i	0.0125-0.0031i
21.9	0.1229+0.0065i	-0.0826-0.0223i	0.0897+0.0015i	-0.0551-0.0083i	0.0143+0.0011i
22.0	0.1211+0.0073i	-0.0779-0.0263i	0.0887+0.0018i	-0.0557-0.0117i	0.0156+0.0025i
22.1	0.1188+0.0083i	-0.0765-0.0308i	0.0881+0.0015i	-0.0555-0.0117i	0.0217+0.0004i
22.2	0.1190+0.0095i	-0.0756-0.0338i	0.0866+0.0004i	-0.0524-0.0141i	0.0221-0.0025i
22.4	0.1181+0.0072i	-0.0748-0.0392i	0.0845+0.0015i	-0.0518-0.0198i	0.0218-0.0043i
22.5	0.1167+0.0065i	-0.0793-0.0448i	0.0854+0.0012i	-0.0557-0.0248i	0.0183-0.0059i
22.6	0.1139+0.0039i	-0.0847-0.0459i	0.0847-0.0010i	-0.0617-0.0259i	0.0168+0.0010i
22.8	0.1127+0.0042i	-0.0923-0.0438i	0.0810-0.0016i	-0.0661-0.0251i	0.0244-0.0031i
22.9	0.1092+0.0016i	-0.0946-0.0371i	0.0805-0.0008i	-0.0702-0.0221i	0.0210-0.0032i
23.0	0.1064+0.0022i	-0.0950-0.0303i	0.0788-0.0020i	-0.0719-0.0177i	0.0235-0.0037i
23.1	0.1047+0.0022i	-0.0917-0.0250i	0.0776-0.0024i	-0.0718-0.0141i	0.0237-0.0081i
23.2	0.1027+0.0006i	-0.0878-0.0232i	0.0753-0.0029i	-0.0720-0.0108i	0.0177-0.0083i
23.4	0.0988+0.0004i	-0.0873-0.0208i	0.0733-0.0021i	-0.0707-0.0079i	0.0170-0.0070i
23.5	0.0973+0.0028i	-0.0845-0.0168i	0.0727-0.0013i	-0.0682-0.0038i	0.0159-0.0042i
23.6	0.0964+0.0026i	-0.0803-0.0139i	0.0721-0.0022i	-0.0648-0.0042i	0.0177-0.0018i
23.8	0.0951+0.0034i	-0.0762-0.0130i	0.0703-0.0024i	-0.0643-0.0028i	0.0229-0.0043i
23.9	0.0958+0.0022i	-0.0731-0.0133i	0.0696-0.0022i	-0.0614-0.0008i	0.0189-0.0064i
24.0	0.0931+0.0003i	-0.0710-0.0138i	0.0696-0.0034i	-0.0589-0.0007i	0.0174-0.0054i
24.1	0.0907+0.0004i	-0.0702-0.0117i	0.0660-0.0037i	-0.0558-0.0021i	0.0168-0.0033i
24.2	0.0896+0.0009i	-0.0669-0.0108i	0.0649-0.0029i	-0.0553-0.0035i	0.0176-0.0027i
24.4	0.0872+0.0004i	-0.0644-0.0111i	0.0639-0.0017i	-0.0559-0.0026i	0.0163-0.0014i
24.5	0.0855+0.0011i	-0.0628-0.0100i	0.0645-0.0024i	-0.0531-0.0023i	0.0205-0.0005i
24.6	0.0846+0.0031i	-0.0597-0.0104i	0.0631-0.0025i	-0.0525-0.0026i	0.0207-0.0026i
24.8	0.0851+0.0025i	-0.0578-0.0112i	0.0630-0.0027i	-0.0506-0.0037i	0.0185-0.0033i
24.9	0.0837+0.0019i	-0.0587-0.0116i	0.0620-0.0038i	-0.0504-0.0046i	0.0178-0.0017i
25.0	0.0831+0.0021i	-0.0558-0.0088i	0.0593-0.0046i	-0.0493-0.0053i	0.0190-0.0007i
25.1	0.0822+0.0015i	-0.0542-0.0104i	0.0580-0.0028i	-0.0498-0.0065i	0.0203-0.0007i
25.2	0.0800+0.0019i	-0.0521-0.0106i	0.0583-0.0028i	-0.0525-0.0058i	0.0193+0.0017i
25.4	0.0817+0.0032i	-0.0520-0.0103i	0.0566-0.0032i	-0.0502-0.0018i	0.0256+0.0020i
25.5	0.0824+0.0002i	-0.0501-0.0099i	0.0554-0.0027i	-0.0471-0.0012i	0.0252-0.0018i
25.6	0.0786-0.0010i	-0.0486-0.0106i	0.0541-0.0019i	-0.0434-0.0025i	0.0236-0.0052i
25.8	0.0775-0.0003i	-0.0475-0.0117i	0.0546-0.0009i	-0.0428-0.0059i	0.0213-0.0062i
25.9	0.0745+0.0006i	-0.0487-0.0123i	0.0554-0.0021i	-0.0438-0.0069i	0.0187-0.0032i
26.0	0.0762+0.0035i	-0.0480-0.0110i	0.0512-0.0019i	-0.0428-0.0070i	0.0196+0.0015i
26.1	0.0776+0.0018i	-0.0465-0.0099i	0.0527+0.0018i	-0.0432-0.0072i	0.0252-0.0013i
26.2	0.0758-0.0002i	-0.0442-0.0101i	0.0541+0.0010i	-0.0423-0.0067i	0.0228-0.0019i
26.4	0.0743+0.0014i	-0.0423-0.0114i	0.0532+0.0004i	-0.0411-0.0078i	0.0247-0.0007i
26.5	0.0751+0.0021i	-0.0418-0.0126i	0.0543+0.0015i	-0.0391-0.0075i	0.0258-0.0055i
26.6	0.0759+0.0005i	-0.0412-0.0144i	0.0556+0.0007i	-0.0376-0.0097i	0.0252-0.0022i
26.8	0.0742-0.0001i	-0.0395-0.0157i	0.0554-0.0014i	-0.0366-0.0122i	0.0257-0.0065i
26.9	0.0740+0.0007i	-0.0408-0.0192i	0.0542-0.0023i	-0.0375-0.0139i	0.0256-0.0082i
27.0	0.0735-0.0013i	-0.0411-0.0206i	0.0527-0.0023i	-0.0384-0.0149i	0.0205-0.0085i
27.1	0.0712-0.0007i	-0.0425-0.0226i	0.0534-0.0018i	-0.0378-0.0156i	0.0231-0.0074i
27.2	0.0725+0.0013i	-0.0440-0.0243i	0.0531-0.0033i	-0.0377-0.0180i	0.0188-0.0093i
27.4	0.0738-0.0010i	-0.0460-0.0257i	0.0521-0.0052i	-0.0390-0.0180i	0.0170-0.0077i
27.5	0.0719-0.0027i	-0.0470-0.0261i	0.0504-0.0044i	-0.0380-0.0190i	0.0167-0.0022i
27.6	0.0699-0.0023i	-0.0491-0.0277i	0.0500-0.0040i	-0.0366-0.0215i	0.0207-0.0018i
27.8	0.0695-0.0011i	-0.0491-0.0294i	0.0501-0.0045i	-0.0381-0.0270i	0.0212-0.0028i
27.9	0.0689-0.0021i	-0.0532-0.0347i	0.0482-0.0060i	-0.0427-0.0296i	0.0219-0.0043i
28.0	0.0684-0.0008i	-0.0617-0.0353i	0.0461-0.0035i	-0.0471-0.0303i	0.0179-0.0002i
28.1	0.0700-0.0017i	-0.0663-0.0341i	0.0470-0.0030i	-0.0517-0.0290i	0.0249+0.0010i
28.2	0.0678-0.0034i	-0.0739-0.0295i	0.0462-0.0025i	-0.0552-0.0265i	0.0274-0.0033i
28.4	0.0659-0.0025i	-0.0748-0.0233i	0.0472-0.0021i	-0.0566-0.0228i	0.0239-0.0050i
28.5	0.0659-0.0019i	-0.0747-0.0215i	0.0462-0.0029i	-0.0562-0.0208i	0.0261-0.0017i
28.6	0.0659-0.0027i	-0.0774-0.0181i	0.0461-0.0024i	-0.0561-0.0197i	0.0294-0.0041i
28.8	0.0638-0.0018i	-0.0762-0.0145i	0.0451-0.0015i	-0.0563-0.0188i	0.0263-0.0107i
28.9	0.0626-0.0005i	-0.0758-0.0132i	0.0456-0.0010i	-0.0579-0.0188i	0.0224-0.0085i
29.0	0.0638+0.0005i	-0.0760-0.0116i	0.0458-0.0017i	-0.0585-0.0159i	0.0227-0.0058i
29.1	0.0634+0.0009i	-0.0755-0.0107i	0.0455-0.0007i	-0.0584-0.0158i	0.0241-0.0053i
29.2	0.0642+0.0012i	-0.0765-0.0106i	0.0464-0.0017i	-0.0601-0.0138i	0.0274-0.0040i
29.4	0.0632+0.0005i	-0.0793-0.0093i	0.0452-0.0017i	-0.0612-0.0105i	0.0302-0.0080i
29.5	0.0629+0.0016i	-0.0803-0.0048i	0.0445-0.0011i	-0.0584-0.0069i	0.0283-0.0123i
29.6	0.0634+0.0018i	-0.0775-0.0024i	0.0447+0.0002i	-0.0562-0.0064i	0.0248-0.0125i
29.8	0.0625+0.0029i	-0.0773-0.0038i	0.0461+0.0001i	-0.0554-0.0061i	0.0219-0.0137i
29.9	0.0643+0.0027i	-0.0788+0.0007i	0.0467-0.0007i	-0.0536-0.0039i	0.0202-0.0093i
30.0	0.0641+0.0019i	-0.0756+0.0030i	0.0461-0.0007i	-0.0517-0.0051i	0.0226-0.0060i
30.1	0.0632+0.0029i	-0.0727+0.0033i	0.0468-0.0005i	-0.0507-0.0051i	0.0254-0.0099i
30.2	0.0637+0.0020i	-0.0704+0.0030i	0.0475-0.0016i	-0.0513-0.0041i	0.0228-0.0087i
30.4	0.0635+0.0033i	-0.0693+0.0017i	0.0462-0.0044i	-0.0488-0.0036i	0.0258-0.0103i
30.5	0.0636+0.0027i	-0.0682+0.0007i	0.0431-0.0032i	-0.0483-0.0039i	0.0217-0.0104i
30.6	0.0634+0.0025i	-0.0683-0.0011i	0.0441-0.0011i	-0.0463-0.0043i	0.0217-0.0076i
30.8	0.0632+0.0023i	-0.0695-0.0009i	0.0440-0.0031i	-0.0464-0.0051i	0.0222-0.0072i
30.9	0.0632+0.0032i	-0.0691+0.0004i	0.0430-0.0018i	-0.0469-0.0048i	0.0260-0.0063i
31.0	0.0643+0.0024i	-0.0666+0.0016i	0.0423-0.0011i	-0.0454-0.0029i	0.0249-0.0093i
31.1	0.0622+0.0011i	-0.0640-0.0004i	0.0424-0.0005i	-0.0435-0.0044i	0.0242-0.0115i

31.2	0.0621+0.0030i	-0.0645-0.0024i	0.0430-0.0002i	-0.0431-0.0040i	0.0176-0.0082i
31.4	0.0622+0.0027i	-0.0640-0.0029i	0.0427-0.0000i	-0.0408-0.0043i	0.0229-0.0022i
31.5	0.0625+0.0020i	-0.0630-0.0032i	0.0433-0.0001i	-0.0396-0.0062i	0.0258-0.0034i
31.6	0.0612+0.0010i	-0.0614-0.0041i	0.0435+0.0004i	-0.0396-0.0073i	0.0282-0.0037i
31.8	0.0590+0.0026i	-0.0608-0.0064i	0.0443-0.0006i	-0.0396-0.0073i	0.0283-0.0058i
31.9	0.0607+0.0047i	-0.0602-0.0069i	0.0431-0.0015i	-0.0379-0.0088i	0.0286-0.0058i
32.0	0.0625+0.0033i	-0.0585-0.0091i	0.0434-0.0018i	-0.0385-0.0094i	0.0289-0.0076i
32.1	0.0614+0.0018i	-0.0597-0.0112i	0.0415-0.0021i	-0.0375-0.0099i	0.0287-0.0056i
32.2	0.0604+0.0010i	-0.0573-0.0117i	0.0410-0.0011i	-0.0381-0.0119i	0.0310-0.0082i
32.4	0.0594+0.0004i	-0.0582-0.0154i	0.0411-0.0029i	-0.0385-0.0118i	0.0264-0.0087i
32.5	0.0579+0.0016i	-0.0583-0.0168i	0.0381-0.0013i	-0.0373-0.0125i	0.0292-0.0028i
32.6	0.0572-0.0004i	-0.0576-0.0182i	0.0387+0.0001i	-0.0381-0.0139i	0.0362-0.0051i
32.8	0.0542+0.0017i	-0.0586-0.0202i	0.0387+0.0002i	-0.0382-0.0146i	0.0363-0.0078i
32.9	0.0544+0.0033i	-0.0572-0.0219i	0.0394+0.0017i	-0.0391-0.0153i	0.0369-0.0133i
33.0	0.0546+0.0027i	-0.0575-0.0248i	0.0402-0.0001i	-0.0399-0.0156i	0.0308-0.0158i
33.1	0.0530+0.0040i	-0.0587-0.0271i	0.0381-0.0007i	-0.0407-0.0154i	0.0280-0.0131i
33.2	0.0531+0.0048i	-0.0600-0.0298i	0.0370-0.0005i	-0.0407-0.0165i	0.0271-0.0079i
33.4	0.0537+0.0041i	-0.0619-0.0318i	0.0345+0.0005i	-0.0423-0.0170i	0.0317-0.0074i
33.5	0.0521+0.0037i	-0.0657-0.0327i	0.0349+0.0027i	-0.0455-0.0153i	0.0315-0.0084i
33.6	0.0503+0.0045i	-0.0664-0.0316i	0.0348+0.0031i	-0.0445-0.0118i	0.0355-0.0073i
33.8	0.0478+0.0049i	-0.0687-0.0309i	0.0350+0.0055i	-0.0423-0.0090i	0.0343-0.0137i
33.9	0.0474+0.0085i	-0.0673-0.0284i	0.0370+0.0056i	-0.0389-0.0087i	0.0309-0.0131i
34.0	0.0497+0.0094i	-0.0667-0.0292i	0.0375+0.0031i	-0.0361-0.0093i	0.0286-0.0092i
34.1	0.0497+0.0079i	-0.0641-0.0297i	0.0348+0.0025i	-0.0336-0.0111i	0.0314-0.0084i
34.2	0.0469+0.0075i	-0.0643-0.0327i	0.0337+0.0032i	-0.0303-0.0132i	0.0330-0.0091i
34.4	0.0452+0.0113i	-0.0649-0.0337i	0.0323+0.0040i	-0.0278-0.0161i	0.0319-0.0092i
34.5	0.0474+0.0113i	-0.0651-0.0349i	0.0315+0.0058i	-0.0265-0.0210i	0.0281-0.0092i
34.6	0.0464+0.0115i	-0.0663-0.0365i	0.0313+0.0071i	-0.0252-0.0294i	0.0300-0.0038i
34.8	0.0450+0.0124i	-0.0667-0.0378i	0.0312+0.0078i	-0.0329-0.0381i	0.0332-0.0021i
34.9	0.0446+0.0143i	-0.0689-0.0387i	0.0307+0.0090i	-0.0440-0.0376i	0.0379-0.0024i
35.0	0.0447+0.0152i	-0.0707-0.0387i	0.0300+0.0106i	-0.0480-0.0331i	0.0398-0.0071i
35.1	0.0452+0.0165i	-0.0730-0.0392i	0.0309+0.0119i	-0.0502-0.0317i	0.0367-0.0102i
35.2	0.0460+0.0165i	-0.0755-0.0367i	0.0329+0.0136i	-0.0535-0.0285i	0.0338-0.0088i
35.4	0.0452+0.0177i	-0.0762-0.0341i	0.0327+0.0128i	-0.0561-0.0258i	0.0343-0.0042i
35.5	0.0460+0.0183i	-0.0756-0.0323i	0.0336+0.0133i	-0.0565-0.0219i	0.0366-0.0048i
35.6	0.0465+0.0191i	-0.0751-0.0300i	0.0323+0.0134i	-0.0550-0.0179i	0.0368-0.0051i
35.8	0.0467+0.0172i	-0.0740-0.0281i	0.0331+0.0148i	-0.0543-0.0178i	0.0416-0.0043i
35.9	0.0437+0.0194i	-0.0717-0.0261i	0.0328+0.0159i	-0.0532-0.0154i	0.0398-0.0088i
36.0	0.0457+0.0224i	-0.0679-0.0270i	0.0347+0.0177i	-0.0521-0.0157i	0.0399-0.0098i
36.1	0.0479+0.0220i	-0.0688-0.0278i	0.0369+0.0178i	-0.0526-0.0146i	0.0350-0.0080i
36.2	0.0472+0.0204i	-0.0669-0.0277i	0.0379+0.0157i	-0.0520-0.0125i	0.0393-0.0044i
36.4	0.0461+0.0225i	-0.0669-0.0288i	0.0374+0.0150i	-0.0495-0.0118i	0.0382-0.0076i
36.5	0.0490+0.0246i	-0.0665-0.0294i	0.0368+0.0148i	-0.0473-0.0138i	0.0385-0.0040i
36.6	0.0509+0.0227i	-0.0668-0.0306i	0.0370+0.0162i	-0.0487-0.0153i	0.0410-0.0055i
36.8	0.0512+0.0217i	-0.0698-0.0293i	0.0390+0.0166i	-0.0495-0.0158i	0.0391-0.0052i
36.9	0.0511+0.0209i	-0.0679-0.0262i	0.0390+0.0145i	-0.0530-0.0146i	0.0422-0.0067i
37.0	0.0503+0.0200i	-0.0678-0.0263i	0.0395+0.0149i	-0.0527-0.0114i	0.0378-0.0081i
37.1	0.0508+0.0202i	-0.0675-0.0256i	0.0393+0.0133i	-0.0518-0.0097i	0.0402-0.0032i
37.2	0.0484+0.0200i	-0.0678-0.0245i	0.0384+0.0119i	-0.0490-0.0090i	0.0439-0.0079i
37.4	0.0504+0.0215i	-0.0660-0.0215i	0.0375+0.0127i	-0.0495-0.0103i	0.0384-0.0096i
37.5	0.0496+0.0198i	-0.0641-0.0229i	0.0371+0.0136i	-0.0497-0.0096i	0.0362-0.0054i
37.6	0.0497+0.0230i	-0.0650-0.0222i	0.0376+0.0132i	-0.0491-0.0076i	0.0398-0.0020i
37.8	0.0519+0.0216i	-0.0632-0.0196i	0.0368+0.0140i	-0.0471-0.0068i	0.0422-0.0039i
37.9	0.0517+0.0207i	-0.0622-0.0215i	0.0378+0.0141i	-0.0459-0.0073i	0.0405-0.0035i
38.0	0.0524+0.0209i	-0.0636-0.0216i	0.0378+0.0131i	-0.0446-0.0088i	0.0412-0.0042i
38.1	0.0526+0.0194i	-0.0643-0.0190i	0.0376+0.0146i	-0.0462-0.0096i	0.0417-0.0030i
38.2	0.0519+0.0193i	-0.0643-0.0163i	0.0390+0.0146i	-0.0466-0.0085i	0.0417-0.0033i
38.4	0.0514+0.0203i	-0.0604-0.0142i	0.0398+0.0133i	-0.0461-0.0082i	0.0430-0.0009i
38.5	0.0538+0.0195i	-0.0593-0.0142i	0.0391+0.0120i	-0.0449-0.0081i	0.0447-0.0022i
38.6	0.0538+0.0177i	-0.0574-0.0145i	0.0385+0.0120i	-0.0457-0.0097i	0.0448-0.0019i
38.8	0.0533+0.0176i	-0.0565-0.0139i	0.0389+0.0136i	-0.0469-0.0081i	0.0435-0.0033i
38.9	0.0544+0.0165i	-0.0561-0.0145i	0.0412+0.0123i	-0.0466-0.0075i	0.0474-0.0020i
39.0	0.0535+0.0159i	-0.0566-0.0146i	0.0411+0.0103i	-0.0466-0.0065i	0.0457-0.0045i
39.1	0.0540+0.0146i	-0.0557-0.0134i	0.0401+0.0095i	-0.0462-0.0048i	0.0459-0.0061i
39.2	0.0523+0.0139i	-0.0562-0.0130i	0.0395+0.0084i	-0.0432-0.0046i	0.0421-0.0049i
39.4	0.0526+0.0132i	-0.0557-0.0108i	0.0390+0.0082i	-0.0429-0.0058i	0.0449-0.0032i
39.5	0.0515+0.0132i	-0.0541-0.0099i	0.0392+0.0081i	-0.0424-0.0077i	0.0423-0.0063i
39.6	0.0523+0.0130i	-0.0537-0.0098i	0.0385+0.0067i	-0.0440-0.0069i	0.0399-0.0006i
39.8	0.0514+0.0127i	-0.0522-0.0088i	0.0368+0.0064i	-0.0441-0.0073i	0.0452+0.0037i
39.9	0.0513+0.0119i	-0.0506-0.0092i	0.0374+0.0067i	-0.0455-0.0043i	0.0484-0.0017i
40.0	0.0521+0.0125i	-0.0514-0.0103i	0.0358+0.0064i	-0.0426-0.0043i	0.0447-0.0034i
40.1	0.0526+0.0107i	-0.0532-0.0093i	0.0363+0.0065i	-0.0430-0.0039i	0.0431-0.0031i
40.2	0.0523+0.0096i	-0.0526-0.0066i	0.0362+0.0064i	-0.0417-0.0048i	0.0418+0.0009i
40.4	0.0507+0.0079i	-0.0507-0.0061i	0.0362+0.0056i	-0.0426-0.0044i	0.0441+0.0052i
40.5	0.0493+0.0069i	-0.0505-0.0071i	0.0348+0.0045i	-0.0411-0.0030i	0.0482+0.0086i
40.6	0.0479+0.0081i	-0.0519-0.0063i	0.0330+0.0049i	-0.0406-0.0037i	0.0574+0.0054i
40.8	0.0482+0.0076i	-0.0511-0.0024i	0.0336+0.0075i	-0.0405-0.0040i	0.0556-0.0015i
40.9	0.0470+0.0073i	-0.0480-0.0023i	0.0353+0.0063i	-0.0390-0.0043i	0.0539-0.0041i
41.0	0.0465+0.0082i	-0.0462-0.0042i	0.0343+0.0057i	-0.0414-0.0059i	0.0514-0.0026i
41.1	0.0469+0.0072i	-0.0484-0.0061i	0.0349+0.0052i	-0.0420-0.0042i	0.0524-0.0024i
41.2	0.0455+0.0079i	-0.0490-0.0025i	0.0342+0.0047i	-0.0419-0.0012i	0.0550-0.0033i
41.4	0.0459+0.0084i	-0.0475-0.0031i	0.0333+0.0043i	-0.0389-0.0001i	0.0506-0.0070i
41.5	0.0465+0.0076i	-0.0485-0.0023i	0.0330+0.0049i	-0.0370-0.0018i	0.0471-0.0012i
41.6	0.0451+0.0064i	-0.0474-0.0011i	0.0334+0.0044i	-0.0373-0.0026i	0.0507-0.0009i
41.8	0.0447+0.0077i	-0.0466-0.0008i	0.0334+0.0039i	-0.0373-0.0025i	0.0516-0.0013i
41.9	0.0451+0.0071i	-0.0463-0.0021i	0.0332+0.0031i	-0.0366-0.0026i	0.0478-0.0004i

42.0	0.0445+0.0069i	-0.0471-0.0014i	0.0329+0.0032i	-0.0365-0.0024i	0.0507+0.0048i
42.1	0.0436+0.0057i	-0.0470+0.0005i	0.0334+0.0014i	-0.0359-0.0023i	0.0564+0.0049i
42.2	0.0431+0.0074i	-0.0457-0.0001i	0.0309-0.0000i	-0.0353-0.0028i	0.0599+0.0023i
42.4	0.0439+0.0074i	-0.0454-0.0004i	0.0291+0.0013i	-0.0345-0.0022i	0.0591-0.0007i
42.5	0.0444+0.0059i	-0.0461-0.0005i	0.0295+0.0010i	-0.0345-0.0036i	0.0569-0.0003i
42.6	0.0431+0.0045i	-0.0462+0.0007i	0.0268+0.0010i	-0.0352-0.0029i	0.0594+0.0010i
42.8	0.0414+0.0051i	-0.0471-0.0004i	0.0270+0.0036i	-0.0333-0.0021i	0.0622-0.0005i
42.9	0.0417+0.0061i	-0.0471+0.0020i	0.0275+0.0039i	-0.0326-0.0035i	0.0630-0.0025i
43.0	0.0415+0.0053i	-0.0458+0.0026i	0.0286+0.0035i	-0.0331-0.0032i	0.0615-0.0060i
43.1	0.0405+0.0050i	-0.0445+0.0022i	0.0281+0.0024i	-0.0317-0.0033i	0.0622-0.0053i
43.2	0.0403+0.0054i	-0.0447+0.0020i	0.0270+0.0018i	-0.0320-0.0043i	0.0610-0.0070i
43.4	0.0389+0.0050i	-0.0435+0.0013i	0.0256+0.0034i	-0.0311-0.0053i	0.0593-0.0071i
43.5	0.0382+0.0064i	-0.0446+0.0015i	0.0262+0.0032i	-0.0323-0.0067i	0.0586-0.0034i
43.6	0.0400+0.0065i	-0.0440+0.0014i	0.0254+0.0035i	-0.0345-0.0054i	0.0603-0.0078i
43.8	0.0397+0.0051i	-0.0439+0.0011i	0.0257+0.0055i	-0.0334-0.0044i	0.0575-0.0052i
43.9	0.0391+0.0042i	-0.0438+0.0004i	0.0273+0.0049i	-0.0340-0.0037i	0.0603-0.0020i
44.0	0.0366+0.0029i	-0.0443+0.0016i	0.0273+0.0029i	-0.0323-0.0015i	0.0621-0.0011i
44.1	0.0348+0.0049i	-0.0431+0.0005i	0.0262+0.0033i	-0.0306-0.0026i	0.0646-0.0041i
44.2	0.0338+0.0063i	-0.0446-0.0008i	0.0265+0.0021i	-0.0299-0.0030i	0.0646-0.0022i
44.4	0.0349+0.0073i	-0.0449+0.0006i	0.0255+0.0019i	-0.0298-0.0035i	0.0672-0.0058i
44.5	0.0340+0.0074i	-0.0435+0.0008i	0.0246+0.0016i	-0.0292-0.0037i	0.0639-0.0065i
44.6	0.0345+0.0091i	-0.0445-0.0000i	0.0236+0.0009i	-0.0289-0.0041i	0.0668-0.0015i
44.8	0.0358+0.0077i	-0.0443+0.0005i	0.0218+0.0013i	-0.0291-0.0046i	0.0709-0.0066i
44.9	0.0346+0.0070i	-0.0440+0.0011i	0.0206+0.0030i	-0.0290-0.0028i	0.0706-0.0093i
45.0	0.0336+0.0069i	-0.0421+0.0002i	0.0206+0.0050i	-0.0268-0.0039i	0.0670-0.0130i
45.1	0.0332+0.0073i	-0.0429-0.0007i	0.0221+0.0041i	-0.0270-0.0041i	0.0658-0.0064i
45.2	0.0327+0.0078i	-0.0425-0.0012i	0.0217+0.0038i	-0.0260-0.0038i	0.0691-0.0082i
45.4	0.0324+0.0075i	-0.0418-0.0017i	0.0222+0.0031i	-0.0248-0.0056i	0.0715-0.0124i
45.5	0.0321+0.0073i	-0.0436-0.0020i	0.0204+0.0020i	-0.0264-0.0061i	0.0669-0.0139i
45.6	0.0306+0.0066i	-0.0410-0.0012i	0.0183+0.0022i	-0.0252-0.0056i	0.0663-0.0124i
45.8	0.0291+0.0074i	-0.0405-0.0038i	0.0170+0.0040i	-0.0250-0.0052i	0.0650-0.0104i
45.9	0.0276+0.0084i	-0.0414-0.0050i	0.0167+0.0052i	-0.0228-0.0061i	0.0666-0.0095i
46.0	0.0271+0.0092i	-0.0425-0.0045i	0.0169+0.0066i	-0.0245-0.0082i	0.0656-0.0108i
46.1	0.0268+0.0102i	-0.0420-0.0032i	0.0178+0.0066i	-0.0252-0.0065i	0.0659-0.0082i
46.2	0.0272+0.0101i	-0.0390-0.0036i	0.0169+0.0055i	-0.0238-0.0058i	0.0674-0.0060i
46.4	0.0263+0.0097i	-0.0377-0.0072i	0.0163+0.0063i	-0.0215-0.0069i	0.0729-0.0067i
46.5	0.0253+0.0099i	-0.0400-0.0091i	0.0157+0.0066i	-0.0216-0.0092i	0.0732-0.0111i
46.6	0.0236+0.0103i	-0.0407-0.0081i	0.0147+0.0071i	-0.0230-0.0097i	0.0689-0.0124i
46.8	0.0227+0.0118i	-0.0402-0.0084i	0.0145+0.0081i	-0.0237-0.0096i	0.0681-0.0098i
46.9	0.0224+0.0118i	-0.0389-0.0086i	0.0141+0.0086i	-0.0231-0.0092i	0.0675-0.0078i
47.0	0.0217+0.0114i	-0.0383-0.0095i	0.0142+0.0090i	-0.0233-0.0093i	0.0684-0.0066i
47.1	0.0183+0.0122i	-0.0388-0.0123i	0.0147+0.0084i	-0.0227-0.0086i	0.0715-0.0020i
47.2	0.0169+0.0156i	-0.0396-0.0110i	0.0120+0.0090i	-0.0218-0.0105i	0.0761-0.0033i
47.4	0.0185+0.0184i	-0.0390-0.0128i	0.0124+0.0103i	-0.0224-0.0106i	0.0778-0.0076i
47.5	0.0190+0.0180i	-0.0392-0.0123i	0.0124+0.0108i	-0.0242-0.0121i	0.0772-0.0062i
47.6	0.0198+0.0190i	-0.0388-0.0131i	0.0122+0.0109i	-0.0241-0.0087i	0.0787-0.0051i
47.8	0.0203+0.0170i	-0.0386-0.0131i	0.0111+0.0116i	-0.0240-0.0087i	0.0812-0.0058i
47.9	0.0170+0.0167i	-0.0387-0.0142i	0.0107+0.0118i	-0.0225-0.0088i	0.0841-0.0088i
48.0	0.0143+0.0193i	-0.0390-0.0139i	0.0107+0.0129i	-0.0230-0.0090i	0.0837-0.0103i
48.1	0.0158+0.0221i	-0.0382-0.0132i	0.0105+0.0133i	-0.0232-0.0080i	0.0815-0.0141i
48.2	0.0163+0.0225i	-0.0369-0.0127i	0.0104+0.0131i	-0.0216-0.0069i	0.0825-0.0147i
48.4	0.0163+0.0230i	-0.0355-0.0146i	0.0093+0.0146i	-0.0207-0.0077i	0.0781-0.0135i
48.5	0.0163+0.0225i	-0.0362-0.0148i	0.0106+0.0131i	-0.0204-0.0077i	0.0796-0.0072i
48.6	0.0153+0.0234i	-0.0355-0.0141i	0.0072+0.0141i	-0.0205-0.0079i	0.0847-0.0095i
48.8	0.0146+0.0233i	-0.0342-0.0136i	0.0078+0.0164i	-0.0205-0.0064i	0.0847-0.0115i
48.9	0.0143+0.0248i	-0.0319-0.0147i	0.0090+0.0173i	-0.0189-0.0054i	0.0852-0.0136i
49.0	0.0138+0.0250i	-0.0309-0.0155i	0.0094+0.0152i	-0.0168-0.0064i	0.0841-0.0112i
49.1	0.0134+0.0264i	-0.0304-0.0158i	0.0074+0.0150i	-0.0161-0.0071i	0.0867-0.0121i
49.2	0.0149+0.0266i	-0.0292-0.0170i	0.0061+0.0161i	-0.0165-0.0074i	0.0871-0.0143i
49.4	0.0145+0.0249i	-0.0283-0.0169i	0.0051+0.0177i	-0.0160-0.0062i	0.0884-0.0150i
49.5	0.0121+0.0239i	-0.0273-0.0188i	0.0066+0.0188i	-0.0143-0.0066i	0.0843-0.0161i
49.6	0.0105+0.0252i	-0.0279-0.0175i	0.0063+0.0172i	-0.0124-0.0072i	0.0862-0.0134i
49.8	0.0087+0.0265i	-0.0254-0.0172i	0.0043+0.0175i	-0.0125-0.0086i	0.0905-0.0153i
49.9	0.0086+0.0288i	-0.0234-0.0194i	0.0037+0.0176i	-0.0125-0.0088i	0.0870-0.0197i
50.0	0.0101+0.0296i	-0.0233-0.0196i	0.0022+0.0189i	-0.0122-0.0075i	0.0834-0.0166i
50.1	0.0092+0.0275i	-0.0226-0.0195i	0.0011+0.0208i	-0.0100-0.0083i	0.0875-0.0144i
50.2	0.0076+0.0285i	-0.0201-0.0203i	0.0023+0.0213i	-0.0098-0.0095i	0.0876-0.0172i
50.4	0.0075+0.0280i	-0.0201-0.0221i	0.0019+0.0217i	-0.0089-0.0096i	0.0872-0.0148i
50.5	0.0041+0.0272i	-0.0185-0.0216i	0.0016+0.0217i	-0.0083-0.0107i	0.0881-0.0171i
50.6	0.0010+0.0301i	-0.0180-0.0238i	0.0010+0.0210i	-0.0088-0.0109i	0.0869-0.0163i
50.8	0.0014+0.0325i	-0.0183-0.0232i	-0.0011+0.0211i	-0.0081-0.0109i	0.0863-0.0146i
50.9	0.0007+0.0328i	-0.0176-0.0227i	-0.0030+0.0215i	-0.0070-0.0107i	0.0879-0.0137i
51.0	-0.0017+0.0344i	-0.0160-0.0224i	-0.0046+0.0250i	-0.0065-0.0115i	0.0903-0.0133i
51.1	-0.0022+0.0367i	-0.0133-0.0225i	-0.0039+0.0256i	-0.0054-0.0127i	0.0921-0.0153i
51.2	-0.0026+0.0392i	-0.0119-0.0245i	-0.0052+0.0262i	-0.0063-0.0140i	0.0943-0.0144i
51.4	-0.0015+0.0398i	-0.0116-0.0255i	-0.0066+0.0269i	-0.0064-0.0115i	0.0946-0.0199i
51.5	-0.0032+0.0411i	-0.0115-0.0261i	-0.0078+0.0294i	-0.0036-0.0120i	0.0905-0.0213i
51.6	-0.0031+0.0429i	-0.0104-0.0259i	-0.0083+0.0321i	-0.0022-0.0137i	0.0883-0.0179i
51.8	-0.0033+0.0442i	-0.0087-0.0260i	-0.0072+0.0348i	-0.0027-0.0153i	0.0904-0.0174i
51.9	-0.0049+0.0461i	-0.0078-0.0282i	-0.0059+0.0345i	-0.0032-0.0149i	0.0892-0.0175i
52.0	-0.0042+0.0482i	-0.0092-0.0296i	-0.0062+0.0341i	-0.0015-0.0155i	0.0894-0.0143i
52.1	-0.0052+0.0501i	-0.0094-0.0269i	-0.0094+0.0344i	-0.0011-0.0170i	0.0943-0.0146i
52.2	-0.0031+0.0522i	-0.0084-0.0262i	-0.0116+0.0385i	-0.0017-0.0172i	0.0935-0.0191i
52.4	-0.0042+0.0534i	-0.0052-0.0250i	-0.0098+0.0433i	-0.0011-0.0167i	0.0920-0.0157i
52.5	-0.0035+0.0561i	-0.0033-0.0268i	-0.0072+0.0458i	0.0002-0.0182i	0.0956-0.0155i
52.6	-0.0025+0.0570i	-0.0017-0.0272i	-0.0045+0.0452i	0.0002-0.0191i	0.0958-0.0175i

52.8	-0.0032+0.0604i	-0.0004-0.0295i	-0.0049+0.0448i	-0.0003-0.0190i	0.0979-0.0176i
52.9	-0.0008+0.0622i	-0.0007-0.0297i	-0.0059+0.0459i	0.0021-0.0193i	0.0973-0.0201i
53.0	0.0003+0.0644i	-0.0003-0.0313i	-0.0064+0.0490i	0.0027-0.0219i	0.0965-0.0230i
53.1	0.0025+0.0670i	0.0007-0.0312i	-0.0044+0.0518i	0.0014-0.0241i	0.0947-0.0204i
53.2	0.0059+0.0673i	-0.0003-0.0326i	-0.0021+0.0533i	-0.0002-0.0231i	0.0941-0.0236i
53.4	0.0077+0.0681i	0.0005-0.0313i	-0.0007+0.0549i	0.0005-0.0234i	0.0947-0.0206i
53.5	0.0101+0.0680i	0.0009-0.0316i	0.0021+0.0566i	0.0000-0.0236i	0.0935-0.0228i
53.6	0.0114+0.0676i	0.0017-0.0310i	0.0060+0.0562i	0.0018-0.0229i	0.0925-0.0210i
53.8	0.0140+0.0692i	0.0037-0.0307i	0.0072+0.0557i	0.0012-0.0248i	0.0920-0.0202i
53.9	0.0169+0.0673i	0.0056-0.0321i	0.0100+0.0555i	0.0021-0.0247i	0.0949-0.0181i
54.0	0.0180+0.0648i	0.0067-0.0343i	0.0121+0.0528i	0.0029-0.0269i	0.0976-0.0192i
54.1	0.0171+0.0647i	0.0055-0.0355i	0.0111+0.0514i	0.0013-0.0278i	0.0981-0.0222i
54.2	0.0182+0.0646i	0.0055-0.0366i	0.0110+0.0531i	0.0011-0.0286i	0.0950-0.0243i
54.4	0.0196+0.0645i	0.0055-0.0363i	0.0140+0.0532i	-0.0010-0.0299i	0.0918-0.0226i
54.5	0.0192+0.0641i	0.0043-0.0381i	0.0164+0.0520i	-0.0034-0.0285i	0.0945-0.0192i
54.6	0.0198+0.0645i	0.0041-0.0382i	0.0175+0.0490i	-0.0046-0.0261i	0.0949-0.0225i
54.8	0.0211+0.0657i	0.0021-0.0389i	0.0163+0.0462i	-0.0034-0.0232i	0.0934-0.0220i
54.9	0.0242+0.0651i	0.0004-0.0370i	0.0148+0.0478i	-0.0014-0.0227i	0.0939-0.0203i
55.0	0.0261+0.0637i	-0.0006-0.0348i	0.0164+0.0473i	-0.0004-0.0219i	0.0929-0.0213i
55.1	0.0270+0.0622i	0.0013-0.0318i	0.0167+0.0482i	0.0022-0.0209i	0.0917-0.0182i
55.2	0.0295+0.0619i	0.0042-0.0314i	0.0205+0.0466i	0.0043-0.0232i	0.0955-0.0143i
55.4	0.0323+0.0577i	0.0047-0.0318i	0.0204+0.0427i	0.0054-0.0234i	0.1005-0.0175i
55.5	0.0296+0.0547i	0.0062-0.0320i	0.0196+0.0406i	0.0062-0.0250i	0.0995-0.0205i
55.6	0.0310+0.0535i	0.0059-0.0326i	0.0170+0.0398i	0.0051-0.0278i	0.0948-0.0195i
55.8	0.0313+0.0513i	0.0068-0.0314i	0.0168+0.0405i	0.0035-0.0253i	0.0997-0.0175i
55.9	0.0308+0.0474i	0.0075-0.0314i	0.0193+0.0396i	0.0054-0.0247i	0.0980-0.0206i
56.0	0.0285+0.0451i	0.0091-0.0310i	0.0186+0.0362i	0.0079-0.0243i	0.0986-0.0174i
56.1	0.0265+0.0430i	0.0105-0.0319i	0.0167+0.0347i	0.0091-0.0265i	0.1013-0.0200i
56.2	0.0234+0.0410i	0.0103-0.0322i	0.0145+0.0339i	0.0086-0.0278i	0.0999-0.0197i
56.4	0.0219+0.0413i	0.0121-0.0324i	0.0140+0.0332i	0.0086-0.0272i	0.0995-0.0205i
56.5	0.0198+0.0397i	0.0116-0.0323i	0.0125+0.0320i	0.0090-0.0276i	0.1001-0.0213i
56.6	0.0164+0.0384i	0.0141-0.0325i	0.0105+0.0310i	0.0093-0.0270i	0.0976-0.0228i
56.8	0.0131+0.0397i	0.0147-0.0341i	0.0082+0.0300i	0.0110-0.0265i	0.0958-0.0194i
56.9	0.0111+0.0408i	0.0154-0.0335i	0.0047+0.0308i	0.0125-0.0268i	0.0960-0.0150i
57.0	0.0105+0.0417i	0.0160-0.0354i	0.0038+0.0332i	0.0140-0.0275i	0.1011-0.0142i
57.1	0.0083+0.0416i	0.0161-0.0352i	0.0045+0.0338i	0.0151-0.0281i	0.1018-0.0148i
57.2	0.0073+0.0407i	0.0167-0.0358i	0.0030+0.0327i	0.0155-0.0283i	0.1055-0.0152i
57.4	0.0032+0.0411i	0.0181-0.0352i	0.0028+0.0316i	0.0173-0.0288i	0.1056-0.0192i
57.5	0.0010+0.0436i	0.0194-0.0365i	-0.0012+0.0303i	0.0193-0.0294i	0.1047-0.0201i
57.6	0.0011+0.0455i	0.0195-0.0369i	-0.0039+0.0327i	0.0202-0.0302i	0.1039-0.0182i
57.8	0.0002+0.0450i	0.0216-0.0374i	-0.0057+0.0336i	0.0212-0.0311i	0.1063-0.0193i
57.9	-0.0025+0.0445i	0.0211-0.0382i	-0.0073+0.0352i	0.0233-0.0316i	0.1030-0.0211i
58.0	-0.0052+0.0464i	0.0238-0.0375i	-0.0088+0.0369i	0.0239-0.0331i	0.1023-0.0165i
58.1	-0.0068+0.0471i	0.0246-0.0398i	-0.0095+0.0386i	0.0243-0.0331i	0.1059-0.0168i
58.2	-0.0099+0.0484i	0.0257-0.0398i	-0.0102+0.0394i	0.0270-0.0327i	0.1035-0.0176i
58.4	-0.0126+0.0504i	0.0268-0.0411i	-0.0119+0.0402i	0.0301-0.0338i	0.1065-0.0160i
58.5	-0.0139+0.0530i	0.0283-0.0412i	-0.0130+0.0419i	0.0316-0.0374i	0.1072-0.0154i
58.6	-0.0161+0.0547i	0.0300-0.0430i	-0.0139+0.0433i	0.0318-0.0384i	0.1089-0.0139i
58.8	-0.0181+0.0574i	0.0310-0.0431i	-0.0151+0.0441i	0.0330-0.0395i	0.1105-0.0165i
58.9	-0.0189+0.0607i	0.0320-0.0431i	-0.0168+0.0452i	0.0340-0.0399i	0.1095-0.0171i
59.0	-0.0190+0.0634i	0.0354-0.0433i	-0.0176+0.0461i	0.0365-0.0410i	0.1105-0.0163i
59.1	-0.0190+0.0644i	0.0389-0.0455i	-0.0198+0.0483i	0.0376-0.0423i	0.1110-0.0159i
59.2	-0.0203+0.0654i	0.0413-0.0485i	-0.0200+0.0508i	0.0397-0.0427i	0.1109-0.0150i
59.4	-0.0224+0.0662i	0.0424-0.0501i	-0.0216+0.0514i	0.0423-0.0442i	0.1121-0.0143i
59.5	-0.0253+0.0677i	0.0450-0.0518i	-0.0231+0.0539i	0.0450-0.0460i	0.1130-0.0162i
59.6	-0.0267+0.0716i	0.0472-0.0545i	-0.0227+0.0564i	0.0479-0.0485i	0.1134-0.0127i
59.8	-0.0282+0.0738i	0.0486-0.0569i	-0.0236+0.0564i	0.0496-0.0501i	0.1180-0.0146i
59.9	-0.0295+0.0760i	0.0509-0.0583i	-0.0261+0.0565i	0.0531-0.0543i	0.1160-0.0173i
60.0	-0.0316+0.0780i	0.0538-0.0617i	-0.0294+0.0597i	0.0537-0.0568i	0.1124-0.0161i
60.1	-0.0336+0.0809i	0.0561-0.0632i	-0.0305+0.0634i	0.0546-0.0595i	0.1154-0.0116i
60.2	-0.0357+0.0841i	0.0592-0.0680i	-0.0317+0.0648i	0.0574-0.0617i	0.1204-0.0124i
60.4	-0.0384+0.0876i	0.0597-0.0701i	-0.0345+0.0679i	0.0591-0.0650i	0.1202-0.0158i
60.5	-0.0398+0.0913i	0.0620-0.0729i	-0.0366+0.0713i	0.0613-0.0682i	0.1159-0.0165i
60.6	-0.0427+0.0957i	0.0652-0.0748i	-0.0380+0.0762i	0.0614-0.0719i	0.1167-0.0101i
60.8	-0.0439+0.1010i	0.0679-0.0793i	-0.0382+0.0805i	0.0635-0.0742i	0.1202-0.0113i
60.9	-0.0444+0.1072i	0.0709-0.0818i	-0.0387+0.0843i	0.0658-0.0764i	0.1203-0.0101i
61.0	-0.0435+0.1114i	0.0737-0.0856i	-0.0384+0.0876i	0.0680-0.0809i	0.1218-0.0088i
61.1	-0.0448+0.1167i	0.0774-0.0893i	-0.0399+0.0921i	0.0702-0.0847i	0.1237-0.0087i
61.2	-0.0448+0.1206i	0.0804-0.0941i	-0.0408+0.0964i	0.0711-0.0886i	0.1263-0.0114i
61.4	-0.0464+0.1288i	0.0835-0.0979i	-0.0407+0.1026i	0.0732-0.0921i	0.1254-0.0104i
61.5	-0.0437+0.1367i	0.0873-0.1040i	-0.0402+0.1074i	0.0761-0.0967i	0.1264-0.0102i
61.6	-0.0395+0.1437i	0.0905-0.1084i	-0.0392+0.1149i	0.0773-0.1017i	0.1272-0.0091i
61.8	-0.0350+0.1490i	0.0941-0.1144i	-0.0356+0.1203i	0.0790-0.1065i	0.1306-0.0113i
61.9	-0.0298+0.1554i	0.0981-0.1210i	-0.0343+0.1266i	0.0800-0.1122i	0.1258-0.0125i
62.0	-0.0214+0.1604i	0.1008-0.1278i	-0.0279+0.1347i	0.0819-0.1181i	0.1261-0.0073i
62.1	-0.0115+0.1623i	0.1044-0.1344i	-0.0207+0.1376i	0.0813-0.1231i	0.1292-0.0077i
62.2	-0.0015+0.1602i	0.1087-0.1427i	-0.0145+0.1415i	0.0833-0.1293i	0.1291-0.0057i
62.4	0.0078+0.1552i	0.1102-0.1527i	-0.0055+0.1436i	0.0846-0.1347i	0.1299-0.0027i
62.5	0.0136+0.1452i	0.1105-0.1601i	0.0038+0.1422i	0.0858-0.1430i	0.1331-0.0015i
62.6	0.0147+0.1339i	0.1141-0.1677i	0.0126+0.1377i	0.0851-0.1504i	0.1358+0.0004i
62.8	0.0088+0.1229i	0.1179-0.1775i	0.0165+0.1292i	0.0834-0.1574i	0.1415-0.0018i
62.9	-0.0006+0.1163i	0.1179-0.1895i	0.0171+0.1216i	0.0835-0.1624i	0.1415-0.0035i
63.0	-0.0112+0.1151i	0.1189-0.2000i	0.0141+0.1142i	0.0849-0.1716i	0.1405-0.0052i
63.1	-0.0203+0.1152i	0.1185-0.2110i	0.0070+0.1106i	0.0839-0.1791i	0.1410-0.0028i
63.2	-0.0303+0.1189i	0.1187-0.2219i	0.0011+0.1118i	0.0835-0.1880i	0.1416-0.0023i
63.4	-0.0381+0.1239i	0.1186-0.2337i	-0.0029+0.1141i	0.0829-0.1992i	0.1423-0.0008i

63.5	-0.0440+0.1301i	0.1178-0.2480i	-0.0062+0.1164i	0.0783-0.2105i	0.1465+0.0022i
63.6	-0.0503+0.1353i	0.1134-0.2610i	-0.0083+0.1195i	0.0742-0.2208i	0.1513-0.0023i
63.8	-0.0573+0.1432i	0.1100-0.2729i	-0.0106+0.1211i	0.0681-0.2313i	0.1497-0.0017i
63.9	-0.0620+0.1523i	0.1081-0.2873i	-0.0146+0.1252i	0.0625-0.2403i	0.1527-0.0038i
64.0	-0.0661+0.1612i	0.1016-0.3037i	-0.0162+0.1300i	0.0559-0.2521i	0.1484-0.0097i
64.1	-0.0691+0.1714i	0.0938-0.3171i	-0.0182+0.1334i	0.0465-0.2634i	0.1441-0.0039i
64.2	-0.0713+0.1804i	0.0859-0.3317i	-0.0194+0.1386i	0.0362-0.2734i	0.1474+0.0016i
64.4	-0.0740+0.1894i	0.0755-0.3467i	-0.0226+0.1434i	0.0242-0.2828i	0.1536+0.0000i
64.5	-0.0788+0.2011i	0.0627-0.3607i	-0.0231+0.1518i	0.0121-0.2898i	0.1526-0.0005i
64.6	-0.0807+0.2154i	0.0499-0.3735i	-0.0217+0.1563i	-0.0027-0.3002i	0.1534+0.0004i
64.8	-0.0801+0.2298i	0.0342-0.3860i	-0.0229+0.1636i	-0.0204-0.3037i	0.1556+0.0011i
64.9	-0.0785+0.2449i	0.0173-0.3970i	-0.0206+0.1686i	-0.0351-0.3077i	0.1556-0.0001i
65.0	-0.0758+0.2608i	0.0006-0.4065i	-0.0207+0.1748i	-0.0529-0.3107i	0.1545+0.0022i
65.1	-0.0700+0.2754i	-0.0192-0.4180i	-0.0208+0.1828i	-0.0709-0.3095i	0.1571+0.0046i
65.2	-0.0658+0.2928i	-0.0434-0.4251i	-0.0197+0.1909i	-0.0876-0.3083i	0.1591+0.0059i
65.4	-0.0544+0.3104i	-0.0676-0.4279i	-0.0180+0.1993i	-0.1067-0.3023i	0.1629+0.0069i
65.5	-0.0434+0.3253i	-0.0898-0.4279i	-0.0147+0.2088i	-0.1200-0.2960i	0.1630+0.0054i
65.6	-0.0300+0.3420i	-0.1131-0.4270i	-0.0118+0.2201i	-0.1365-0.2887i	0.1648+0.0074i
65.8	-0.0128+0.3563i	-0.1378-0.4240i	-0.0045+0.2315i	-0.1492-0.2775i	0.1675+0.0077i
65.9	0.0051+0.3681i	-0.1620-0.4148i	0.0033+0.2404i	-0.1618-0.2666i	0.1703+0.0073i
66.0	0.0279+0.3799i	-0.1842-0.4049i	0.0124+0.2523i	-0.1710-0.2531i	0.1740+0.0067i
66.1	0.0494+0.3842i	-0.2051-0.3883i	0.0253+0.2609i	-0.1758-0.2428i	0.1734+0.0051i
66.2	0.0704+0.3908i	-0.2205-0.3729i	0.0383+0.2699i	-0.1848-0.2323i	0.1753+0.0052i
66.4	0.0958+0.3923i	-0.2342-0.3548i	0.0562+0.2742i	-0.1882-0.2194i	0.1776+0.0053i
66.5	0.1176+0.3912i	-0.2440-0.3379i	0.0689+0.2764i	-0.1930-0.2073i	0.1793+0.0035i
66.6	0.1414+0.3883i	-0.2511-0.3221i	0.0849+0.2798i	-0.1923-0.1948i	0.1790+0.0031i
66.8	0.1639+0.3816i	-0.2588-0.3071i	0.1015+0.2808i	-0.1917-0.1872i	0.1812+0.0036i
66.9	0.1852+0.3734i	-0.2629-0.2906i	0.1198+0.2792i	-0.1920-0.1787i	0.1835+0.0014i
67.0	0.2065+0.3617i	-0.2661-0.2752i	0.1382+0.2737i	-0.1915-0.1718i	0.1825+0.0005i
67.1	0.2225+0.3472i	-0.2659-0.2630i	0.1532+0.2642i	-0.1922-0.1664i	0.1829+0.0015i
67.2	0.2384+0.3328i	-0.2683-0.2515i	0.1665+0.2550i	-0.1931-0.1586i	0.1829+0.0009i
67.4	0.2495+0.3162i	-0.2690-0.2405i	0.1770+0.2437i	-0.1918-0.1525i	0.1828+0.0046i
67.5	0.2593+0.3025i	-0.2709-0.2293i	0.1864+0.2341i	-0.1915-0.1465i	0.1867+0.0053i
67.6	0.2689+0.2878i	-0.2716-0.2179i	0.1934+0.2230i	-0.1906-0.1404i	0.1914+0.0064i
67.8	0.2766+0.2722i	-0.2697-0.2072i	0.2002+0.2129i	-0.1893-0.1362i	0.1928+0.0024i
67.9	0.2815+0.2552i	-0.2681-0.1994i	0.2060+0.2024i	-0.1889-0.1319i	0.1933+0.0021i
68.0	0.2831+0.2412i	-0.2687-0.1909i	0.2116+0.1912i	-0.1881-0.1265i	0.1941+0.0029i
68.1	0.2858+0.2296i	-0.2696-0.1814i	0.2145+0.1815i	-0.1875-0.1229i	0.1981+0.0028i
68.2	0.2881+0.2162i	-0.2660-0.1716i	0.2182+0.1703i	-0.1868-0.1200i	0.1978+0.0018i
68.4	0.2881+0.2056i	-0.2638-0.1647i	0.2190+0.1600i	-0.1892-0.1164i	0.1998+0.0022i
68.5	0.2901+0.1943i	-0.2613-0.1581i	0.2206+0.1505i	-0.1887-0.1091i	0.2040+0.0011i
68.6	0.2909+0.1832i	-0.2597-0.1525i	0.2202+0.1398i	-0.1862-0.1049i	0.2054-0.0019i
68.8	0.2903+0.1733i	-0.2582-0.1469i	0.2172+0.1321i	-0.1845-0.1017i	0.2046-0.0023i
68.9	0.2905+0.1631i	-0.2574-0.1411i	0.2175+0.1268i	-0.1831-0.0983i	0.2054-0.0011i
69.0	0.2894+0.1524i	-0.2558-0.1350i	0.2180+0.1194i	-0.1819-0.0973i	0.2111-0.0029i
69.1	0.2872+0.1451i	-0.2542-0.1302i	0.2172+0.1107i	-0.1820-0.0927i	0.2100-0.0068i
69.2	0.2872+0.1361i	-0.2536-0.1253i	0.2160+0.1036i	-0.1803-0.0916i	0.2098-0.0067i
69.4	0.2854+0.1267i	-0.2519-0.1191i	0.2130+0.0966i	-0.1802-0.0878i	0.2072-0.0050i
69.5	0.2815+0.1175i	-0.2494-0.1154i	0.2089+0.0915i	-0.1798-0.0862i	0.2127-0.0009i
69.6	0.2781+0.1121i	-0.2483-0.1122i	0.2073+0.0885i	-0.1803-0.0837i	0.2178-0.0046i
69.8	0.2771+0.1062i	-0.2500-0.1069i	0.2068+0.0840i	-0.1804-0.0803i	0.2174-0.0069i
69.9	0.2744+0.0988i	-0.2478-0.1010i	0.2053+0.0791i	-0.1801-0.0774i	0.2200-0.0064i
70.0	0.2711+0.0924i	-0.2455-0.0965i	0.2034+0.0762i	-0.1793-0.0735i	0.2211-0.0092i
70.1	0.2684+0.0868i	-0.2449-0.0928i	0.2034+0.0710i	-0.1778-0.0712i	0.2210-0.0093i
70.2	0.2651+0.0813i	-0.2432-0.0879i	0.2016+0.0659i	-0.1773-0.0687i	0.2225-0.0071i
70.4	0.2622+0.0780i	-0.2426-0.0846i	0.1996+0.0603i	-0.1760-0.0671i	0.2280-0.0079i
70.5	0.2608+0.0716i	-0.2403-0.0804i	0.1966+0.0576i	-0.1772-0.0652i	0.2292-0.0110i
70.6	0.2571+0.0658i	-0.2395-0.0766i	0.1959+0.0532i	-0.1762-0.0619i	0.2325-0.0127i
70.8	0.2514+0.0623i	-0.2383-0.0724i	0.1923+0.0491i	-0.1771-0.0617i	0.2303-0.0142i
70.9	0.2490+0.0609i	-0.2360-0.0685i	0.1893+0.0470i	-0.1788-0.0572i	0.2339-0.0154i
71.0	0.2479+0.0569i	-0.2342-0.0643i	0.1876+0.0449i	-0.1790-0.0526i	0.2334-0.0129i
71.1	0.2453+0.0534i	-0.2317-0.0627i	0.1871+0.0424i	-0.1768-0.0465i	0.2377-0.0138i
71.2	0.2432+0.0493i	-0.2321-0.0595i	0.1849+0.0381i	-0.1722-0.0443i	0.2390-0.0153i
71.4	0.2387+0.0450i	-0.2308-0.0540i	0.1823+0.0361i	-0.1720-0.0437i	0.2432-0.0146i
71.5	0.2345+0.0435i	-0.2267-0.0507i	0.1804+0.0335i	-0.1708-0.0407i	0.2450-0.0173i
71.6	0.2321+0.0419i	-0.2240-0.0479i	0.1783+0.0311i	-0.1685-0.0378i	0.2485-0.0190i
71.8	0.2293+0.0400i	-0.2208-0.0471i	0.1765+0.0289i	-0.1662-0.0373i	0.2503-0.0191i
71.9	0.2276+0.0392i	-0.2192-0.0452i	0.1729+0.0265i	-0.1671-0.0350i	0.2562-0.0246i
72.0	0.2266+0.0365i	-0.2177-0.0437i	0.1716+0.0260i	-0.1636-0.0321i	0.2545-0.0297i
72.1	0.2246+0.0337i	-0.2152-0.0413i	0.1709+0.0242i	-0.1623-0.0316i	0.2497-0.0308i
72.2	0.2218+0.0312i	-0.2136-0.0405i	0.1688+0.0214i	-0.1616-0.0301i	0.2505-0.0273i
72.4	0.2178+0.0296i	-0.2123-0.0402i	0.1665+0.0206i	-0.1608-0.0281i	0.2524-0.0272i
72.5	0.2162+0.0299i	-0.2129-0.0396i	0.1651+0.0182i	-0.1591-0.0264i	0.2541-0.0263i
72.6	0.2156+0.0277i	-0.2123-0.0364i	0.1637+0.0176i	-0.1584-0.0241i	0.2599-0.0225i
72.8	0.2135+0.0254i	-0.2111-0.0345i	0.1618+0.0153i	-0.1555-0.0219i	0.2647-0.0251i
72.9	0.2100+0.0239i	-0.2099-0.0326i	0.1595+0.0136i	-0.1532-0.0213i	0.2691-0.0252i
73.0	0.2082+0.0234i	-0.2076-0.0294i	0.1573+0.0135i	-0.1511-0.0212i	0.2765-0.0282i
73.1	0.2062+0.0231i	-0.2048-0.0299i	0.1568+0.0129i	-0.1501-0.0216i	0.2793-0.0379i
73.2	0.2054+0.0220i	-0.2041-0.0295i	0.1552+0.0110i	-0.1511-0.0205i	0.2773-0.0392i
73.4	0.2034+0.0203i	-0.2042-0.0282i	0.1528+0.0100i	-0.1491-0.0182i	0.2772-0.0414i
73.5	0.2014+0.0200i	-0.2030-0.0257i	0.1520+0.0103i	-0.1474-0.0177i	0.2780-0.0411i
73.6	0.2001+0.0190i	-0.2005-0.0259i	0.1505+0.0092i	-0.1466-0.0166i	0.2804-0.0394i
73.8	0.1986+0.0180i	-0.2004-0.0243i	0.1493+0.0091i	-0.1464-0.0160i	0.2855-0.0428i
73.9	0.1976+0.0181i	-0.1993-0.0229i	0.1497+0.0081i	-0.1439-0.0133i	0.2870-0.0472i
74.0	0.1963+0.0158i	-0.1980-0.0221i	0.1478+0.0056i	-0.1425-0.0132i	0.2883-0.0461i
74.1	0.1930+0.0155i	-0.1970-0.0207i	0.1458+0.0047i	-0.1408-0.0133i	0.2908-0.0494i

74.2	0.1926+0.0160i	-0.1949-0.0191i	0.1435+0.0046i	-0.1406-0.0125i	0.2925-0.0496i
74.4	0.1920+0.0143i	-0.1930-0.0190i	0.1438+0.0045i	-0.1385-0.0113i	0.2949-0.0505i
74.5	0.1887+0.0142i	-0.1919-0.0184i	0.1415+0.0030i	-0.1363-0.0119i	0.3010-0.0523i
74.6	0.1893+0.0143i	-0.1904-0.0181i	0.1400+0.0034i	-0.1368-0.0121i	0.3018-0.0573i
74.8	0.1880+0.0121i	-0.1882-0.0171i	0.1401+0.0034i	-0.1359-0.0118i	0.3036-0.0599i
74.9	0.1857+0.0119i	-0.1869-0.0180i	0.1402+0.0014i	-0.1356-0.0111i	0.3022-0.0591i
75.0	0.1856+0.0114i	-0.1861-0.0191i	0.1370-0.0001i	-0.1352-0.0095i	0.3069-0.0611i
75.1	0.1834+0.0099i	-0.1870-0.0180i	0.1348-0.0002i	-0.1324-0.0093i	0.3080-0.0632i
75.2	0.1813+0.0097i	-0.1859-0.0165i	0.1333+0.0008i	-0.1326-0.0099i	0.3125-0.0623i
75.4	0.1800+0.0105i	-0.1833-0.0158i	0.1326+0.0015i	-0.1329-0.0091i	0.3153-0.0641i
75.5	0.1800+0.0096i	-0.1823-0.0162i	0.1332+0.0015i	-0.1326-0.0076i	0.3214-0.0683i
75.6	0.1774+0.0076i	-0.1809-0.0161i	0.1324+0.0003i	-0.1305-0.0054i	0.3235-0.0727i
75.8	0.1740+0.0085i	-0.1801-0.0169i	0.1316-0.0009i	-0.1287-0.0058i	0.3248-0.0742i
75.9	0.1737+0.0101i	-0.1810-0.0165i	0.1301-0.0014i	-0.1270-0.0048i	0.3295-0.0797i
76.0	0.1735+0.0097i	-0.1787-0.0138i	0.1291-0.0015i	-0.1247-0.0048i	0.3303-0.0831i
76.1	0.1722+0.0094i	-0.1756-0.0156i	0.1273-0.0021i	-0.1244-0.0066i	0.3330-0.0859i
76.2	0.1717+0.0098i	-0.1764-0.0170i	0.1270-0.0023i	-0.1240-0.0057i	0.3330-0.0911i
76.4	0.1704+0.0092i	-0.1764-0.0147i	0.1251-0.0027i	-0.1225-0.0060i	0.3312-0.0922i
76.5	0.1711+0.0099i	-0.1741-0.0150i	0.1230-0.0021i	-0.1230-0.0067i	0.3340-0.0926i
76.6	0.1699+0.0093i	-0.1728-0.0162i	0.1228-0.0017i	-0.1226-0.0049i	0.3376-0.0917i
76.8	0.1699+0.0082i	-0.1737-0.0167i	0.1222-0.0016i	-0.1205-0.0034i	0.3449-0.0952i
76.9	0.1694+0.0079i	-0.1740-0.0155i	0.1212-0.0018i	-0.1189-0.0046i	0.3502-0.1029i
77.0	0.1682+0.0061i	-0.1730-0.0154i	0.1203-0.0015i	-0.1180-0.0051i	0.3492-0.1097i
77.1	0.1670+0.0052i	-0.1733-0.0136i	0.1197-0.0015i	-0.1181-0.0054i	0.3476-0.1137i
77.2	0.1648+0.0061i	-0.1717-0.0119i	0.1184-0.0014i	-0.1169-0.0048i	0.3498-0.1133i
77.4	0.1652+0.0055i	-0.1695-0.0121i	0.1180-0.0018i	-0.1159-0.0054i	0.3538-0.1185i
77.5	0.1640+0.0041i	-0.1692-0.0125i	0.1165-0.0012i	-0.1156-0.0054i	0.3579-0.1222i
77.6	0.1625+0.0036i	-0.1693-0.0113i	0.1153-0.0011i	-0.1150-0.0052i	0.3589-0.1293i
77.8	0.1611+0.0036i	-0.1680-0.0096i	0.1152+0.0012i	-0.1144-0.0057i	0.3612-0.1322i
77.9	0.1609+0.0040i	-0.1657-0.0079i	0.1170+0.0007i	-0.1145-0.0051i	0.3651-0.1402i
78.0	0.1613+0.0022i	-0.1645-0.0071i	0.1159-0.0007i	-0.1130-0.0053i	0.3655-0.1483i
78.1	0.1595-0.0002i	-0.1609-0.0062i	0.1150-0.0009i	-0.1125-0.0050i	0.3674-0.1567i
78.2	0.1565-0.0007i	-0.1591-0.0081i	0.1153-0.0009i	-0.1119-0.0048i	0.3636-0.1628i
78.4	0.1555-0.0004i	-0.1594-0.0070i	0.1146-0.0027i	-0.1114-0.0056i	0.3692-0.1722i
78.5	0.1546-0.0004i	-0.1569-0.0063i	0.1118-0.0032i	-0.1103-0.0053i	0.3671-0.1872i
78.6	0.1530-0.0023i	-0.1555-0.0061i	0.1101-0.0017i	-0.1099-0.0056i	0.3578-0.2052i
78.8	0.1508-0.0020i	-0.1540-0.0064i	0.1097-0.0008i	-0.1100-0.0059i	0.3324-0.2218i
78.9	0.1489-0.0022i	-0.1533-0.0068i	0.1091+0.0000i	-0.1101-0.0066i	0.2906-0.1896i
79.0	0.1482-0.0013i	-0.1527-0.0052i	0.1109+0.0006i	-0.1111-0.0047i	0.3259-0.1533i
79.1	0.1471-0.0020i	-0.1512-0.0042i	0.1090-0.0018i	-0.1090-0.0043i	0.3524-0.1699i
79.2	0.1457-0.0023i	-0.1486-0.0027i	0.1074+0.0003i	-0.1089-0.0041i	0.3606-0.1913i
79.4	0.1454-0.0024i	-0.1467-0.0030i	0.1092+0.0014i	-0.1088-0.0021i	0.3591-0.2094i
79.5	0.1425-0.0026i	-0.1442-0.0032i	0.1099+0.0000i	-0.1057-0.0014i	0.3533-0.2263i
79.6	0.1420-0.0016i	-0.1423-0.0042i	0.1087-0.0025i	-0.1047-0.0031i	0.3428-0.2434i
79.8	0.1416-0.0020i	-0.1419-0.0042i	0.1057-0.0015i	-0.1039-0.0029i	0.3250-0.2552i
79.9	0.1409-0.0017i	-0.1401-0.0034i	0.1066-0.0008i	-0.1030-0.0037i	0.3104-0.2590i
80.0	0.1399-0.0022i	-0.1383-0.0039i	0.1060-0.0013i	-0.1032-0.0042i	0.2952-0.2649i
80.1	0.1393-0.0037i	-0.1372-0.0042i	0.1056-0.0009i	-0.1028-0.0038i	0.2789-0.2699i
80.2	0.1371-0.0042i	-0.1352-0.0043i	0.1051-0.0019i	-0.1021-0.0034i	0.2569-0.2670i
80.4	0.1351-0.0023i	-0.1333-0.0055i	0.1044-0.0015i	-0.1010-0.0032i	0.2406-0.2607i
80.5	0.1358-0.0020i	-0.1337-0.0067i	0.1038-0.0012i	-0.1003-0.0036i	0.2258-0.2542i
80.6	0.1348-0.0031i	-0.1339-0.0065i	0.1043-0.0013i	-0.0984-0.0032i	0.2068-0.2409i
80.8	0.1339-0.0019i	-0.1323-0.0060i	0.1038-0.0021i	-0.0979-0.0060i	0.1925-0.2218i
80.9	0.1338-0.0020i	-0.1332-0.0070i	0.1023-0.0022i	-0.0991-0.0059i	0.1913-0.1950i
81.0	0.1345-0.0030i	-0.1327-0.0051i	0.1026-0.0018i	-0.0988-0.0060i	0.1993-0.1788i
81.1	0.1332-0.0041i	-0.1313-0.0046i	0.1033-0.0028i	-0.0984-0.0056i	0.2074-0.1605i
81.2	0.1323-0.0056i	-0.1306-0.0045i	0.1019-0.0039i	-0.0988-0.0065i	0.2288-0.1517i
81.4	0.1298-0.0059i	-0.1300-0.0032i	0.1007-0.0036i	-0.0989-0.0061i	0.2474-0.1577i
81.5	0.1291-0.0044i	-0.1281-0.0027i	0.1010-0.0040i	-0.0994-0.0057i	0.2659-0.1846i
81.6	0.1288-0.0056i	-0.1269-0.0034i	0.1002-0.0060i	-0.0998-0.0043i	0.2311-0.2101i
81.8	0.1275-0.0055i	-0.1268-0.0033i	0.0968-0.0059i	-0.0974-0.0040i	0.2050-0.1894i
81.9	0.1268-0.0052i	-0.1261-0.0017i	0.0962-0.0037i	-0.0970-0.0040i	0.2016-0.1675i
82.0	0.1254-0.0057i	-0.1231-0.0030i	0.0964-0.0033i	-0.0966-0.0042i	0.2086-0.1516i
82.1	0.1247-0.0049i	-0.1242-0.0042i	0.0967-0.0037i	-0.0965-0.0044i	0.2164-0.1425i
82.2	0.1248-0.0057i	-0.1244-0.0032i	0.0962-0.0041i	-0.0966-0.0036i	0.2288-0.1364i
82.4	0.1229-0.0044i	-0.1239-0.0026i	0.0958-0.0036i	-0.0951-0.0033i	0.2360-0.1363i
82.5	0.1241-0.0053i	-0.1229-0.0016i	0.0953-0.0048i	-0.0945-0.0040i	0.2424-0.1354i
82.6	0.1215-0.0053i	-0.1223-0.0018i	0.0959-0.0042i	-0.0946-0.0045i	0.2509-0.1365i
82.8	0.1220-0.0049i	-0.1221-0.0018i	0.0948-0.0058i	-0.0949-0.0047i	0.2556-0.1368i
82.9	0.1218-0.0044i	-0.1203-0.0013i	0.0941-0.0059i	-0.0954-0.0041i	0.2647-0.1412i
83.0	0.1205-0.0059i	-0.1215-0.0022i	0.0930-0.0068i	-0.0947-0.0035i	0.2679-0.1453i
83.1	0.1200-0.0048i	-0.1207-0.0012i	0.0916-0.0061i	-0.0955-0.0038i	0.2743-0.1499i
83.2	0.1200-0.0038i	-0.1206-0.0009i	0.0919-0.0063i	-0.0956-0.0020i	0.2799-0.1568i
83.4	0.1198-0.0043i	-0.1202-0.0011i	0.0898-0.0070i	-0.0943-0.0003i	0.2811-0.1699i
83.5	0.1205-0.0046i	-0.1210-0.0007i	0.0886-0.0055i	-0.0919-0.0004i	0.2751-0.1766i
83.6	0.1194-0.0051i	-0.1205+0.0004i	0.0898-0.0052i	-0.0916-0.0012i	0.2752-0.1813i
83.8	0.1184-0.0047i	-0.1198+0.0017i	0.0896-0.0054i	-0.0918-0.0015i	0.2721-0.1921i
83.9	0.1196-0.0037i	-0.1176+0.0016i	0.0889-0.0061i	-0.0919-0.0000i	0.2680-0.2008i
84.0	0.1201-0.0042i	-0.1184-0.0009i	0.0886-0.0057i	-0.0890-0.0005i	0.2534-0.2079i
84.1	0.1206-0.0059i	-0.1202+0.0011i	0.0879-0.0068i	-0.0888-0.0012i	0.2411-0.2056i
84.2	0.1196-0.0067i	-0.1197+0.0028i	0.0860-0.0062i	-0.0894-0.0023i	0.2352-0.2018i
84.4	0.1185-0.0070i	-0.1188+0.0028i	0.0860-0.0053i	-0.0905-0.0018i	0.2257-0.1996i
84.5	0.1185-0.0070i	-0.1188+0.0035i	0.0853-0.0046i	-0.0901-0.0006i	0.2222-0.1950i
84.6	0.1178-0.0081i	-0.1175+0.0049i	0.0861-0.0042i	-0.0887-0.0003i	0.2188-0.1921i
84.8	0.1169-0.0077i	-0.1162+0.0044i	0.0866-0.0050i	-0.0888-0.0006i	0.2150-0.1901i
84.9	0.1167-0.0082i	-0.1156+0.0041i	0.0846-0.0049i	-0.0884+0.0004i	0.2142-0.1848i

85.0	0.1149-0.0083i	-0.1146+0.0037i	0.0864-0.0033i	-0.0873+0.0008i	0.2096-0.1842i
85.1	0.1144-0.0069i	-0.1142+0.0029i	0.0868-0.0061i	-0.0862+0.0001i	0.2087-0.1809i
85.2	0.1148-0.0065i	-0.1149+0.0026i	0.0848-0.0060i	-0.0864-0.0004i	0.2110-0.1844i
85.4	0.1160-0.0054i	-0.1148+0.0018i	0.0848-0.0058i	-0.0856+0.0001i	0.1991-0.1922i
85.5	0.1170-0.0077i	-0.1150+0.0021i	0.0849-0.0064i	-0.0852-0.0003i	0.1826-0.1884i
85.6	0.1160-0.0088i	-0.1148+0.0011i	0.0835-0.0069i	-0.0845-0.0010i	0.1705-0.1772i
85.8	0.1146-0.0092i	-0.1161+0.0005i	0.0825-0.0063i	-0.0849-0.0017i	0.1614-0.1654i
85.9	0.1138-0.0098i	-0.1166+0.0011i	0.0819-0.0051i	-0.0856-0.0014i	0.1549-0.1474i
86.0	0.1123-0.0092i	-0.1168+0.0007i	0.0827-0.0049i	-0.0846-0.0012i	0.1549-0.1319i
86.1	0.1118-0.0086i	-0.1174+0.0010i	0.0823-0.0055i	-0.0850-0.0012i	0.1549-0.1135i
86.2	0.1113-0.0079i	-0.1184+0.0015i	0.0824-0.0058i	-0.0842-0.0013i	0.1635-0.0975i
86.4	0.1109-0.0076i	-0.1176+0.0017i	0.0813-0.0058i	-0.0851-0.0023i	0.1732-0.0859i
86.5	0.1118-0.0065i	-0.1187+0.0021i	0.0809-0.0050i	-0.0852-0.0008i	0.1828-0.0776i
86.6	0.1126-0.0077i	-0.1187+0.0020i	0.0805-0.0047i	-0.0851-0.0015i	0.1924-0.0708i
86.8	0.1115-0.0090i	-0.1185+0.0031i	0.0802-0.0043i	-0.0853-0.0003i	0.2020-0.0636i
86.9	0.1102-0.0084i	-0.1187+0.0035i	0.0803-0.0032i	-0.0848-0.0003i	0.2134-0.0601i
87.0	0.1096-0.0078i	-0.1175+0.0034i	0.0811-0.0029i	-0.0841+0.0001i	0.2230-0.0587i
87.1	0.1089-0.0073i	-0.1181+0.0036i	0.0813-0.0035i	-0.0849-0.0002i	0.2280-0.0601i
87.2	0.1091-0.0065i	-0.1173+0.0034i	0.0819-0.0033i	-0.0840+0.0005i	0.2327-0.0553i
87.4	0.1089-0.0065i	-0.1166+0.0029i	0.0822-0.0047i	-0.0848+0.0004i	0.2371-0.0513i
87.5	0.1088-0.0059i	-0.1176+0.0023i	0.0810-0.0056i	-0.0835+0.0014i	0.2469-0.0444i
87.6	0.1093-0.0069i	-0.1181+0.0034i	0.0812-0.0044i	-0.0837+0.0021i	0.2570-0.0447i
87.8	0.1081-0.0067i	-0.1168+0.0041i	0.0803-0.0056i	-0.0820+0.0017i	0.2627-0.0436i
87.9	0.1076-0.0053i	-0.1153+0.0034i	0.0801-0.0052i	-0.0819+0.0011i	0.2742-0.0416i
88.0	0.1084-0.0049i	-0.1149+0.0020i	0.0798-0.0061i	-0.0828+0.0014i	0.2805-0.0474i
88.1	0.1091-0.0059i	-0.1158+0.0009i	0.0784-0.0058i	-0.0824+0.0019i	0.2813-0.0441i
88.2	0.1083-0.0063i	-0.1167+0.0009i	0.0776-0.0052i	-0.0817+0.0030i	0.2868-0.0431i
88.4	0.1071-0.0068i	-0.1168+0.0014i	0.0775-0.0041i	-0.0801+0.0025i	0.2924-0.0417i
88.5	0.1071-0.0064i	-0.1150+0.0016i	0.0778-0.0041i	-0.0801+0.0016i	0.3000-0.0372i
88.6	0.1063-0.0060i	-0.1151-0.0008i	0.0770-0.0038i	-0.0804+0.0021i	0.3060-0.0384i
88.8	0.1066-0.0065i	-0.1174-0.0005i	0.0773-0.0030i	-0.0791+0.0018i	0.3146-0.0354i
88.9	0.1048-0.0072i	-0.1177+0.0019i	0.0774-0.0031i	-0.0788+0.0009i	0.3201-0.0383i
89.0	0.1035-0.0059i	-0.1154+0.0020i	0.0778-0.0029i	-0.0793+0.0010i	0.3251-0.0362i
89.1	0.1020-0.0051i	-0.1143+0.0016i	0.0778-0.0029i	-0.0792+0.0014i	0.3292-0.0349i
89.2	0.1022-0.0025i	-0.1141+0.0010i	0.0770-0.0024i	-0.0783+0.0017i	0.3371-0.0329i
89.4	0.1042-0.0030i	-0.1121+0.0008i	0.0781-0.0027i	-0.0778+0.0011i	0.3416-0.0316i
89.5	0.1027-0.0041i	-0.1130-0.0012i	0.0772-0.0037i	-0.0776-0.0000i	0.3502-0.0262i
89.6	0.1022-0.0022i	-0.1127-0.0009i	0.0761-0.0028i	-0.0793+0.0006i	0.3613-0.0263i
89.8	0.1037-0.0022i	-0.1124-0.0004i	0.0763-0.0017i	-0.0777+0.0018i	0.3720-0.0289i
89.9	0.1031-0.0039i	-0.1120-0.0005i	0.0777-0.0019i	-0.0770+0.0008i	0.3775-0.0332i
90.0	0.1013-0.0044i	-0.1103-0.0007i	0.0766-0.0028i	-0.0765+0.0010i	0.3812-0.0343i
90.1	0.1001-0.0026i	-0.1099-0.0024i	0.0766-0.0020i	-0.0753-0.0004i	0.3854-0.0325i
90.2	0.0992-0.0011i	-0.1105-0.0022i	0.0761-0.0028i	-0.0775-0.0022i	0.3943-0.0318i
90.4	0.1008-0.0008i	-0.1087-0.0023i	0.0759-0.0012i	-0.0784+0.0001i	0.4029-0.0307i
90.5	0.1000-0.0010i	-0.1083-0.0034i	0.0757-0.0021i	-0.0778+0.0003i	0.4079-0.0358i
90.6	0.0995-0.0006i	-0.1085-0.0036i	0.0763-0.0011i	-0.0772+0.0006i	0.4128-0.0332i
90.8	0.0993-0.0002i	-0.1075-0.0040i	0.0766-0.0026i	-0.0758+0.0008i	0.4190-0.0300i
90.9	0.1003+0.0001i	-0.1063-0.0046i	0.0754-0.0031i	-0.0758-0.0005i	0.4300-0.0282i
91.0	0.0999-0.0013i	-0.1055-0.0058i	0.0747-0.0019i	-0.0766-0.0009i	0.4403-0.0296i
91.1	0.0987-0.0013i	-0.1071-0.0065i	0.0759-0.0020i	-0.0768+0.0001i	0.4510-0.0327i
91.2	0.0978-0.0007i	-0.1074-0.0052i	0.0747-0.0038i	-0.0759+0.0011i	0.4585-0.0373i
91.4	0.0978-0.0007i	-0.1050-0.0042i	0.0734-0.0032i	-0.0755+0.0006i	0.4624-0.0385i
91.5	0.0964-0.0006i	-0.1036-0.0055i	0.0725-0.0028i	-0.0747+0.0005i	0.4713-0.0407i
91.6	0.0957+0.0007i	-0.1033-0.0062i	0.0720-0.0011i	-0.0740+0.0003i	0.4768-0.0420i
91.8	0.0970+0.0008i	-0.1032-0.0070i	0.0726-0.0018i	-0.0735-0.0003i	0.4834-0.0401i
91.9	0.0961-0.0005i	-0.1029-0.0062i	0.0709-0.0011i	-0.0737-0.0014i	0.4934-0.0389i
92.0	0.0957-0.0003i	-0.1018-0.0066i	0.0717-0.0002i	-0.0739-0.0010i	0.5047-0.0404i
92.1	0.0946-0.0007i	-0.1015-0.0059i	0.0717-0.0006i	-0.0743-0.0009i	0.5160-0.0441i
92.2	0.0931-0.0009i	-0.0992-0.0052i	0.0719-0.0006i	-0.0731-0.0000i	0.5251-0.0475i
92.4	0.0921-0.0000i	-0.0982-0.0068i	0.0700-0.0016i	-0.0727-0.0001i	0.5330-0.0481i
92.5	0.0925+0.0011i	-0.0977-0.0063i	0.0700-0.0008i	-0.0717-0.0009i	0.5481-0.0500i
92.6	0.0919-0.0004i	-0.0952-0.0065i	0.0683+0.0004i	-0.0711-0.0005i	0.5597-0.0535i
92.8	0.0889+0.0004i	-0.0942-0.0075i	0.0696+0.0015i	-0.0706-0.0015i	0.5757-0.0546i
92.9	0.0890+0.0018i	-0.0929-0.0084i	0.0691+0.0007i	-0.0702-0.0017i	0.5920-0.0626i
93.0	0.0891+0.0024i	-0.0915-0.0091i	0.0692+0.0012i	-0.0690-0.0013i	0.6111-0.0685i
93.1	0.0893+0.0027i	-0.0898-0.0100i	0.0687+0.0008i	-0.0680-0.0024i	0.6379-0.0757i
93.2	0.0881+0.0020i	-0.0881-0.0099i	0.0680+0.0016i	-0.0673-0.0036i	0.6745-0.0951i
93.4	0.0869+0.0029i	-0.0828-0.0125i	0.0686+0.0013i	-0.0653-0.0050i	0.7270-0.1338i
93.5	0.0870+0.0031i	-0.0770-0.0209i	0.0690+0.0014i	-0.0633-0.0093i	0.7984-0.2552i
93.6	0.0861+0.0040i	-0.0845-0.0453i	0.0685-0.0016i	-0.0688-0.0199i	0.6305-0.5613i
93.8	0.0871+0.0040i	-0.1149-0.0311i	0.0650-0.0012i	-0.0810-0.0106i	0.2993-0.3061i
93.9	0.0859+0.0020i	-0.1099-0.0165i	0.0640-0.0002i	-0.0765-0.0051i	0.3846-0.1345i
94.0	0.0835+0.0018i	-0.1058-0.0121i	0.0629-0.0003i	-0.0745-0.0042i	0.4560-0.0924i
94.1	0.0813+0.0030i	-0.1022-0.0090i	0.0610+0.0004i	-0.0732-0.0038i	0.5013-0.0818i
94.2	0.0793+0.0034i	-0.0995-0.0095i	0.0594+0.0010i	-0.0726-0.0040i	0.5328-0.0768i
94.4	0.0776+0.0057i	-0.0983-0.0090i	0.0574+0.0024i	-0.0723-0.0032i	0.5618-0.0749i
94.5	0.0768+0.0064i	-0.0963-0.0087i	0.0552+0.0040i	-0.0701-0.0031i	0.5841-0.0794i
94.6	0.0740+0.0067i	-0.0956-0.0093i	0.0535+0.0047i	-0.0690-0.0035i	0.6055-0.0794i
94.8	0.0689+0.0086i	-0.0948-0.0081i	0.0471+0.0072i	-0.0667-0.0036i	0.6336-0.0862i
94.9	0.0605+0.0163i	-0.0927-0.0088i	0.0397+0.0169i	-0.0629-0.0068i	0.6532-0.1017i
95.0	0.0628+0.0437i	-0.0925-0.0116i	0.0448+0.0447i	-0.0641-0.0177i	0.6612-0.1186i
95.1	0.0965+0.0346i	-0.0951-0.0103i	0.0787+0.0337i	-0.0772-0.0127i	0.6729-0.1146i
95.2	0.0881+0.0197i	-0.0950-0.0085i	0.0724+0.0195i	-0.0748-0.0071i	0.7041-0.1236i
95.4	0.0763+0.0253i	-0.0937-0.0072i	0.0631+0.0216i	-0.0725-0.0059i	0.7326-0.1528i
95.5	0.0790+0.0522i	-0.0923-0.0067i	0.0658+0.0419i	-0.0719-0.0049i	0.7277-0.2218i
95.6	0.1219+0.0427i	-0.0902-0.0069i	0.0973+0.0308i	-0.0692-0.0041i	0.6566-0.1855i

95.8	0.1177+0.0176i	-0.0901-0.0073i	0.0922+0.0126i	-0.0675-0.0056i	0.7046-0.1463i
95.9	0.1104+0.0103i	-0.0892-0.0074i	0.0856+0.0081i	-0.0673-0.0053i	0.7527-0.1546i
96.0	0.1051+0.0080i	-0.0872-0.0079i	0.0821+0.0074i	-0.0633-0.0043i	0.7978-0.1788i
96.1	0.1023+0.0063i	-0.0873-0.0099i	0.0811+0.0061i	-0.0584-0.0077i	0.8503-0.2262i
96.2	0.0987+0.0064i	-0.0850-0.0119i	0.0799+0.0047i	-0.0528-0.0141i	0.9083-0.3447i
96.4	0.0976+0.0062i	-0.0881-0.0211i	0.0775+0.0024i	-0.0552-0.0384i	0.7613-0.6138i
96.5	0.0969+0.0073i	-0.1002-0.0161i	0.0753+0.0038i	-0.0878-0.0319i	0.4383-0.3834i
96.6	0.0976+0.0059i	-0.0995-0.0094i	0.0754+0.0036i	-0.0869-0.0156i	0.5337-0.2066i
96.8	0.0961+0.0043i	-0.0971-0.0069i	0.0741+0.0026i	-0.0823-0.0101i	0.6186-0.1694i
96.9	0.0933+0.0048i	-0.0964-0.0060i	0.0724+0.0030i	-0.0803-0.0087i	0.6738-0.1606i
97.0	0.0937+0.0061i	-0.0961-0.0054i	0.0722+0.0042i	-0.0780-0.0069i	0.7184-0.1668i
97.1	0.0929+0.0059i	-0.0953-0.0051i	0.0725+0.0037i	-0.0767-0.0074i	0.7512-0.1791i
97.2	0.0935+0.0062i	-0.0957-0.0043i	0.0723+0.0033i	-0.0765-0.0075i	0.7787-0.1869i
97.4	0.0931+0.0048i	-0.0962-0.0041i	0.0712+0.0031i	-0.0757-0.0058i	0.8058-0.1991i
97.5	0.0915+0.0053i	-0.0956-0.0022i	0.0708+0.0028i	-0.0744-0.0063i	0.8304-0.2105i
97.6	0.0921+0.0055i	-0.0945-0.0006i	0.0696+0.0037i	-0.0740-0.0062i	0.8583-0.2266i
97.8	0.0915+0.0052i	-0.0930-0.0022i	0.0696+0.0036i	-0.0734-0.0066i	0.8769-0.2440i
97.9	0.0917+0.0058i	-0.0931-0.0019i	0.0686+0.0042i	-0.0731-0.0069i	0.8984-0.2578i
98.0	0.0910+0.0050i	-0.0940-0.0020i	0.0695+0.0059i	-0.0739-0.0069i	0.9261-0.2750i
98.1	0.0909+0.0057i	-0.0932-0.0013i	0.0702+0.0047i	-0.0720-0.0061i	0.9476-0.3032i
98.2	0.0901+0.0055i	-0.0939-0.0012i	0.0698+0.0048i	-0.0735-0.0079i	0.9634-0.3255i
98.4	0.0893+0.0066i	-0.0926-0.0007i	0.0696+0.0049i	-0.0742-0.0065i	0.9794-0.3495i
98.5	0.0906+0.0076i	-0.0925-0.0023i	0.0700+0.0050i	-0.0737-0.0054i	0.9985-0.3697i
98.6	0.0904+0.0066i	-0.0942-0.0020i	0.0701+0.0048i	-0.0731-0.0052i	1.0157-0.3954i
98.8	0.0910+0.0071i	-0.0940-0.0015i	0.0696+0.0050i	-0.0736-0.0049i	1.0344-0.4211i
98.9	0.0903+0.0060i	-0.0941-0.0008i	0.0710+0.0051i	-0.0729-0.0033i	1.0498-0.4532i
99.0	0.0897+0.0066i	-0.0941+0.0000i	0.0706+0.0038i	-0.0703-0.0034i	1.0622-0.4797i
99.1	0.0894+0.0077i	-0.0929-0.0000i	0.0700+0.0033i	-0.0701-0.0050i	1.0759-0.5076i
99.2	0.0898+0.0082i	-0.0925-0.0015i	0.0687+0.0039i	-0.0700-0.0047i	1.0915-0.5388i
99.4	0.0909+0.0088i	-0.0936-0.0016i	0.0692+0.0054i	-0.0695-0.0052i	1.1049-0.5701i
99.5	0.0904+0.0077i	-0.0932-0.0013i	0.0708+0.0050i	-0.0693-0.0056i	1.1199-0.6067i
99.6	0.0900+0.0086i	-0.0937-0.0019i	0.0705+0.0048i	-0.0703-0.0062i	1.1251-0.6462i
99.8	0.0902+0.0088i	-0.0931-0.0022i	0.0705+0.0044i	-0.0703-0.0057i	1.1269-0.6813i
99.9	0.0897+0.0092i	-0.0946-0.0037i	0.0713+0.0042i	-0.0700-0.0053i	1.1309-0.7120i
100.0	0.0904+0.0104i	-0.0952-0.0018i	0.0710+0.0034i	-0.0707-0.0056i	1.1382-0.7459i

3.2 Rap test coherence data

f (Hz)	Pt 1 +x	Pt 2 -y	Pt 3 +x	Pt 4 -y	Pt 5 +z
0.0	0.1001	0.2734	0.0497	0.0006	0.0012
0.1	0.0465	0.1165	0.0115	0.0860	0.3398
0.2	0.0192	0.0917	0.0731	0.0892	0.3893
0.4	0.0219	0.0738	0.0056	0.0187	0.3201
0.5	0.0235	0.1105	0.0256	0.0175	0.2505
0.6	0.0370	0.1638	0.0522	0.0208	0.2795
0.8	0.0345	0.1721	0.0633	0.0392	0.2852
0.9	0.0392	0.1542	0.0775	0.0216	0.2808
1.0	0.0320	0.1576	0.0748	0.0041	0.2516
1.1	0.0277	0.1635	0.1003	0.0089	0.2331
1.2	0.0324	0.1648	0.0947	0.0116	0.2156
1.4	0.0273	0.1495	0.0750	0.0246	0.1385
1.5	0.0232	0.1555	0.0959	0.0452	0.1377
1.6	0.0137	0.1580	0.1013	0.0684	0.2659
1.8	0.0230	0.1722	0.1243	0.0662	0.2284
1.9	0.0247	0.1840	0.1017	0.0812	0.1771
2.0	0.0574	0.2020	0.0800	0.1262	0.1555
2.1	0.0691	0.1928	0.0609	0.2099	0.1039
2.2	0.0815	0.2636	0.0853	0.1795	0.0813
2.4	0.0988	0.1996	0.0514	0.0749	0.1066
2.5	0.0573	0.2036	0.0890	0.0139	0.0877
2.6	0.0334	0.1756	0.1082	0.0383	0.0932
2.8	0.0258	0.1706	0.0735	0.0182	0.0796
2.9	0.0079	0.2002	0.0712	0.0251	0.0517
3.0	0.0174	0.1994	0.0490	0.0555	0.0625
3.1	0.0300	0.1811	0.0203	0.0381	0.0700
3.2	0.0340	0.1750	0.0103	0.0088	0.0449
3.4	0.0261	0.1630	0.0675	0.0345	0.0506
3.5	0.0320	0.1732	0.1166	0.0360	0.0583
3.6	0.0322	0.1782	0.1410	0.0194	0.0437
3.8	0.0157	0.1700	0.0458	0.0026	0.0202
3.9	0.0078	0.1565	0.0521	0.0060	0.0160
4.0	0.0137	0.1607	0.0251	0.0048	0.0060
4.1	0.0128	0.1586	0.0490	0.0094	0.0294
4.2	0.0020	0.1749	0.0489	0.0140	0.0312
4.4	0.0013	0.1581	0.0177	0.0430	0.0282
4.5	0.0065	0.1687	0.0082	0.0392	0.0318
4.6	0.0069	0.1460	0.0356	0.0552	0.0353
4.8	0.0045	0.1377	0.0899	0.0313	0.0207
4.9	0.0194	0.1401	0.1634	0.0634	0.0024
5.0	0.0248	0.1462	0.1227	0.0426	0.0047
5.1	0.0084	0.1405	0.0784	0.0523	0.0330
5.2	0.0171	0.1453	0.0610	0.0435	0.0789
5.4	0.0380	0.1547	0.0631	0.0152	0.1136
5.5	0.0094	0.1367	0.0359	0.0114	0.0406
5.6	0.0118	0.1397	0.0155	0.0605	0.0279
5.8	0.0123	0.1359	0.0875	0.0710	0.0809
5.9	0.0387	0.1439	0.1450	0.0533	0.0556
6.0	0.0399	0.2087	0.0839	0.0168	0.0662
6.1	0.0450	0.1826	0.0232	0.0114	0.0364
6.2	0.0324	0.1722	0.0420	0.0081	0.0081
6.4	0.0541	0.2263	0.0653	0.0921	0.0408
6.5	0.0833	0.2339	0.0428	0.1838	0.0669
6.6	0.0816	0.2150	0.0843	0.1752	0.1133
6.8	0.0940	0.2028	0.0872	0.1501	0.0852
6.9	0.0859	0.2023	0.1735	0.1121	0.0963
7.0	0.0667	0.2489	0.2239	0.1548	0.0773
7.1	0.0675	0.2080	0.1751	0.1044	0.0963
7.2	0.2432	0.1986	0.1510	0.0793	0.1948
7.4	0.2091	0.2094	0.0711	0.1515	0.0101
7.5	0.1574	0.2368	0.1112	0.1736	0.0611
7.6	0.1295	0.2725	0.1190	0.1503	0.0501
7.8	0.1203	0.2504	0.3101	0.2119	0.0024
7.9	0.1384	0.2806	0.5585	0.3312	0.0124
8.0	0.2201	0.3061	0.5517	0.3018	0.0231
8.1	0.2371	0.3172	0.3894	0.3534	0.0229
8.2	0.3670	0.3549	0.3004	0.2597	0.0144
8.4	0.4774	0.3828	0.4272	0.3956	0.0086
8.5	0.4609	0.3474	0.4253	0.5331	0.0115
8.6	0.4027	0.3674	0.4928	0.5993	0.0027
8.8	0.3949	0.4011	0.5795	0.5925	0.0168
8.9	0.4592	0.4388	0.5763	0.5290	0.0314
9.0	0.4567	0.4317	0.4891	0.4088	0.0018
9.1	0.3974	0.4061	0.4578	0.4275	0.0019
9.2	0.3679	0.4345	0.4210	0.4914	0.0006
9.4	0.3676	0.4789	0.4697	0.4497	0.0180
9.5	0.3690	0.5134	0.3805	0.5315	0.0787
9.6	0.3771	0.4747	0.3541	0.7474	0.0636
9.8	0.3508	0.4934	0.2721	0.7490	0.1089
9.9	0.4054	0.5359	0.2733	0.6901	0.0779
10.0	0.4737	0.5326	0.2963	0.6200	0.0228

10.1	0.4273	0.5600	0.2714	0.5891	0.0381
10.2	0.4784	0.5578	0.3714	0.6917	0.0653
10.4	0.4876	0.5841	0.4063	0.7408	0.0348
10.5	0.5373	0.6288	0.4714	0.8174	0.0141
10.6	0.5752	0.6368	0.5913	0.7991	0.0112
10.8	0.6135	0.6409	0.6972	0.6984	0.0073
10.9	0.6725	0.7230	0.5474	0.7304	0.0218
11.0	0.6647	0.7160	0.5514	0.7476	0.0044
11.1	0.6109	0.6975	0.5322	0.8584	0.1046
11.2	0.6387	0.6852	0.5964	0.8450	0.0721
11.4	0.6781	0.6736	0.7119	0.7917	0.0692
11.5	0.7030	0.6777	0.7132	0.7983	0.0238
11.6	0.7615	0.7282	0.8017	0.8342	0.0173
11.8	0.7744	0.7373	0.7755	0.8153	0.0327
11.9	0.8085	0.7462	0.8442	0.8383	0.0403
12.0	0.8040	0.7565	0.8643	0.8797	0.0192
12.1	0.7513	0.7510	0.8457	0.8560	0.0119
12.2	0.7674	0.7885	0.8681	0.9307	0.0071
12.4	0.8036	0.8165	0.9026	0.9450	0.0014
12.5	0.8299	0.8480	0.9076	0.9371	0.0045
12.6	0.8643	0.8608	0.8796	0.9517	0.0293
12.8	0.8807	0.8539	0.9082	0.9407	0.0196
12.9	0.9052	0.8618	0.9190	0.9362	0.0045
13.0	0.8944	0.8908	0.9221	0.9285	0.0003
13.1	0.8616	0.8928	0.9098	0.9476	0.0089
13.2	0.8795	0.9137	0.9336	0.9609	0.0053
13.4	0.9032	0.9123	0.9455	0.9728	0.0197
13.5	0.9106	0.9111	0.9327	0.9590	0.0238
13.6	0.9151	0.9171	0.9509	0.9599	0.0084
13.8	0.9448	0.9205	0.9521	0.9660	0.0464
13.9	0.9483	0.9255	0.9633	0.9704	0.0605
14.0	0.9492	0.9322	0.9719	0.9663	0.0444
14.1	0.9561	0.9321	0.9738	0.9693	0.0151
14.2	0.9583	0.9473	0.9746	0.9713	0.0094
14.4	0.9635	0.9556	0.9813	0.9804	0.0076
14.5	0.9553	0.9705	0.9818	0.9887	0.0147
14.6	0.9551	0.9765	0.9759	0.9809	0.0361
14.8	0.9604	0.9754	0.9780	0.9825	0.0122
14.9	0.9647	0.9763	0.9731	0.9746	0.0562
15.0	0.9713	0.9864	0.9783	0.9769	0.0977
15.1	0.9810	0.9904	0.9828	0.9792	0.0643
15.2	0.9881	0.9892	0.9865	0.9878	0.0256
15.4	0.9862	0.9841	0.9861	0.9886	0.0024
15.5	0.9867	0.9873	0.9830	0.9916	0.0313
15.6	0.9888	0.9852	0.9914	0.9917	0.0322
15.8	0.9912	0.9898	0.9930	0.9889	0.0042
15.9	0.9926	0.9914	0.9918	0.9867	0.0012
16.0	0.9947	0.9902	0.9925	0.9830	0.0283
16.1	0.9949	0.9902	0.9936	0.9837	0.0810
16.2	0.9954	0.9916	0.9937	0.9868	0.1575
16.4	0.9953	0.9901	0.9890	0.9869	0.0395
16.5	0.9954	0.9880	0.9924	0.9815	0.0380
16.6	0.9967	0.9875	0.9941	0.9740	0.0352
16.8	0.9966	0.9925	0.9909	0.9749	0.0552
16.9	0.9963	0.9920	0.9919	0.9865	0.0192
17.0	0.9969	0.9857	0.9936	0.9869	0.0132
17.1	0.9974	0.9825	0.9953	0.9822	0.0398
17.2	0.9975	0.9843	0.9947	0.9839	0.0256
17.4	0.9973	0.9868	0.9930	0.9811	0.0011
17.5	0.9978	0.9877	0.9929	0.9878	0.0077
17.6	0.9982	0.9868	0.9904	0.9885	0.0094
17.8	0.9978	0.9854	0.9876	0.9882	0.0118
17.9	0.9983	0.9843	0.9885	0.9891	0.0192
18.0	0.9980	0.9854	0.9875	0.9887	0.0239
18.1	0.9981	0.9872	0.9911	0.9839	0.0238
18.2	0.9971	0.9833	0.9930	0.9809	0.0399
18.4	0.9959	0.9776	0.9930	0.9820	0.0514
18.5	0.9959	0.9753	0.9913	0.9810	0.0797
18.6	0.9951	0.9753	0.9911	0.9785	0.0732
18.8	0.9941	0.9814	0.9896	0.9753	0.0745
18.9	0.9932	0.9815	0.9894	0.9668	0.1481
19.0	0.9920	0.9802	0.9921	0.9704	0.0844
19.1	0.9923	0.9821	0.9874	0.9803	0.1498
19.2	0.9920	0.9751	0.9875	0.9844	0.0929
19.4	0.9913	0.9688	0.9873	0.9853	0.2422
19.5	0.9910	0.9614	0.9878	0.9756	0.1670
19.6	0.9913	0.9648	0.9860	0.9751	0.0250
19.8	0.9882	0.9606	0.9865	0.9775	0.0386
19.9	0.9899	0.9620	0.9845	0.9863	0.1538
20.0	0.9894	0.9646	0.9851	0.9863	0.2086
20.1	0.9886	0.9655	0.9846	0.9789	0.1247
20.2	0.9893	0.9682	0.9814	0.9807	0.1705
20.4	0.9892	0.9677	0.9842	0.9847	0.1998
20.5	0.9834	0.9626	0.9826	0.9851	0.2243
20.6	0.9808	0.9579	0.9796	0.9845	0.1884
20.8	0.9846	0.9523	0.9870	0.9802	0.1975

20.9	0.9856	0.9480	0.9880	0.9866	0.3366
21.0	0.9874	0.9370	0.9846	0.9829	0.2871
21.1	0.9820	0.9364	0.9835	0.9876	0.3694
21.2	0.9839	0.9340	0.9835	0.9771	0.3512
21.4	0.9814	0.9403	0.9826	0.9833	0.3285
21.5	0.9795	0.9388	0.9820	0.9821	0.4438
21.6	0.9786	0.9344	0.9783	0.9766	0.2667
21.8	0.9828	0.9304	0.9795	0.9685	0.1786
21.9	0.9794	0.9309	0.9783	0.9702	0.2002
22.0	0.9787	0.9273	0.9792	0.9806	0.2202
22.1	0.9757	0.9249	0.9827	0.9781	0.4408
22.2	0.9785	0.9254	0.9802	0.9754	0.4572
22.4	0.9857	0.9273	0.9748	0.9757	0.3676
22.5	0.9820	0.9420	0.9755	0.9746	0.2834
22.6	0.9768	0.9334	0.9771	0.9684	0.2625
22.8	0.9798	0.9445	0.9789	0.9766	0.4170
22.9	0.9784	0.9456	0.9820	0.9852	0.3824
23.0	0.9775	0.9370	0.9842	0.9867	0.3924
23.1	0.9761	0.9365	0.9806	0.9807	0.4431
23.2	0.9805	0.9272	0.9671	0.9779	0.4736
23.4	0.9793	0.9298	0.9678	0.9699	0.4284
23.5	0.9804	0.9449	0.9717	0.9683	0.3160
23.6	0.9808	0.9351	0.9686	0.9791	0.3371
23.8	0.9769	0.9214	0.9712	0.9689	0.4941
23.9	0.9797	0.9195	0.9735	0.9567	0.3834
24.0	0.9820	0.9270	0.9828	0.9623	0.3115
24.1	0.9809	0.9197	0.9809	0.9657	0.3189
24.2	0.9781	0.9109	0.9802	0.9728	0.2820
24.4	0.9831	0.9060	0.9769	0.9785	0.2832
24.5	0.9853	0.8919	0.9773	0.9618	0.4099
24.6	0.9852	0.8734	0.9803	0.9612	0.3578
24.8	0.9806	0.8848	0.9827	0.9677	0.2824
24.9	0.9780	0.8869	0.9817	0.9682	0.3112
25.0	0.9782	0.8865	0.9725	0.9725	0.3348
25.1	0.9753	0.8743	0.9672	0.9686	0.3863
25.2	0.9751	0.8472	0.9744	0.9725	0.3253
25.4	0.9824	0.8585	0.9724	0.9578	0.4738
25.5	0.9818	0.8342	0.9646	0.9632	0.5144
25.6	0.9731	0.8438	0.9728	0.9698	0.4694
25.8	0.9759	0.8472	0.9777	0.9716	0.4041
25.9	0.9742	0.8480	0.9740	0.9700	0.3960
26.0	0.9684	0.8517	0.9598	0.9692	0.4983
26.1	0.9766	0.8375	0.9554	0.9746	0.5864
26.2	0.9767	0.8154	0.9657	0.9617	0.4967
26.4	0.9674	0.7983	0.9695	0.9479	0.4306
26.5	0.9688	0.8033	0.9740	0.9426	0.4921
26.6	0.9807	0.8039	0.9824	0.9591	0.5890
26.8	0.9761	0.7896	0.9863	0.9507	0.5446
26.9	0.9715	0.7974	0.9866	0.9519	0.4591
27.0	0.9733	0.8009	0.9833	0.9410	0.4230
27.1	0.9745	0.8379	0.9828	0.8797	0.5369
27.2	0.9721	0.8986	0.9751	0.9073	0.4861
27.4	0.9751	0.8860	0.9610	0.9249	0.4530
27.5	0.9758	0.8804	0.9556	0.9520	0.4218
27.6	0.9728	0.8993	0.9503	0.9584	0.6650
27.8	0.9688	0.9086	0.9541	0.9596	0.5906
27.9	0.9701	0.9335	0.9567	0.9529	0.5402
28.0	0.9722	0.9410	0.9605	0.9536	0.4746
28.1	0.9711	0.9501	0.9721	0.9672	0.5134
28.2	0.9702	0.9542	0.9681	0.9730	0.5370
28.4	0.9744	0.9482	0.9675	0.9752	0.5232
28.5	0.9720	0.9564	0.9720	0.9847	0.6090
28.6	0.9681	0.9556	0.9759	0.9869	0.7035
28.8	0.9614	0.9509	0.9805	0.9833	0.8098
28.9	0.9584	0.9625	0.9747	0.9825	0.6937
29.0	0.9550	0.9617	0.9844	0.9852	0.7348
29.1	0.9465	0.9507	0.9740	0.9808	0.6242
29.2	0.9551	0.9558	0.9710	0.9761	0.6730
29.4	0.9541	0.9637	0.9676	0.9736	0.6833
29.5	0.9724	0.9664	0.9616	0.9746	0.6726
29.6	0.9742	0.9575	0.9628	0.9769	0.6687
29.8	0.9725	0.9618	0.9543	0.9765	0.5303
29.9	0.9719	0.9659	0.9665	0.9776	0.4790
30.0	0.9763	0.9643	0.9670	0.9764	0.7088
30.1	0.9733	0.9569	0.9683	0.9771	0.7292
30.2	0.9745	0.9578	0.9683	0.9840	0.6960
30.4	0.9693	0.9589	0.9754	0.9781	0.7348
30.5	0.9637	0.9571	0.9560	0.9793	0.6916
30.6	0.9727	0.9492	0.9520	0.9836	0.8330
30.8	0.9699	0.9437	0.9562	0.9784	0.8704
30.9	0.9764	0.9447	0.9672	0.9768	0.7729
31.0	0.9773	0.9459	0.9731	0.9651	0.6873
31.1	0.9746	0.9188	0.9777	0.9649	0.6728
31.2	0.9752	0.9029	0.9649	0.9666	0.5019
31.4	0.9759	0.9116	0.9534	0.9414	0.5589
31.5	0.9764	0.9211	0.9499	0.9493	0.6107

31.6	0.9754	0.9193	0.9582	0.9703	0.6718
31.8	0.9814	0.9306	0.9589	0.9703	0.5796
31.9	0.9794	0.9320	0.9651	0.9560	0.6512
32.0	0.9687	0.9263	0.9578	0.9426	0.6572
32.1	0.9703	0.9363	0.9605	0.9440	0.5990
32.2	0.9700	0.9345	0.9568	0.9530	0.6181
32.4	0.9717	0.9313	0.9725	0.9566	0.6276
32.5	0.9644	0.9308	0.9510	0.9481	0.6982
32.6	0.9782	0.9395	0.9413	0.9517	0.8050
32.8	0.9744	0.9318	0.9582	0.9547	0.7462
32.9	0.9674	0.9184	0.9626	0.9804	0.7378
33.0	0.9556	0.9082	0.9428	0.9762	0.7848
33.1	0.9587	0.9264	0.9612	0.9712	0.7390
33.2	0.9623	0.9261	0.9669	0.9620	0.6994
33.4	0.9621	0.9311	0.9631	0.9552	0.7686
33.5	0.9565	0.9361	0.9508	0.9628	0.7354
33.6	0.9405	0.9361	0.9501	0.9514	0.7344
33.8	0.9334	0.9362	0.9489	0.9451	0.7318
33.9	0.9374	0.9279	0.9436	0.9659	0.6851
34.0	0.9503	0.9282	0.9307	0.9518	0.6641
34.1	0.9611	0.9252	0.9468	0.9328	0.6965
34.2	0.9711	0.9226	0.9483	0.9247	0.6986
34.4	0.9584	0.9253	0.9269	0.9336	0.7024
34.5	0.9747	0.9264	0.9445	0.9630	0.6550
34.6	0.9656	0.9335	0.9363	0.9609	0.6938
34.8	0.9475	0.9283	0.9220	0.9814	0.7181
34.9	0.9614	0.9380	0.9385	0.9747	0.7985
35.0	0.9431	0.9509	0.9350	0.9600	0.8710
35.1	0.9570	0.9525	0.9193	0.9608	0.7460
35.2	0.9391	0.9507	0.9402	0.9715	0.7637
35.4	0.9458	0.9634	0.9535	0.9748	0.8115
35.5	0.9652	0.9578	0.9655	0.9691	0.7999
35.6	0.9619	0.9389	0.9623	0.9732	0.7845
35.8	0.9588	0.9465	0.9625	0.9850	0.8203
35.9	0.9521	0.9460	0.9658	0.9862	0.8070
36.0	0.9518	0.9532	0.9756	0.9880	0.7594
36.1	0.9531	0.9501	0.9744	0.9760	0.7053
36.2	0.9541	0.9433	0.9589	0.9734	0.7476
36.4	0.9575	0.9464	0.9649	0.9724	0.7486
36.5	0.9470	0.9380	0.9631	0.9754	0.7045
36.6	0.9646	0.9395	0.9573	0.9720	0.7129
36.8	0.9671	0.9451	0.9622	0.9739	0.6959
36.9	0.9669	0.9434	0.9674	0.9656	0.7540
37.0	0.9698	0.9482	0.9760	0.9675	0.7163
37.1	0.9645	0.9456	0.9550	0.9722	0.7663
37.2	0.9711	0.9359	0.9558	0.9783	0.8801
37.4	0.9622	0.9380	0.9371	0.9733	0.9592
37.5	0.9715	0.9450	0.9443	0.9663	0.8673
37.6	0.9658	0.9629	0.9595	0.9779	0.8782
37.8	0.9783	0.9497	0.9450	0.9769	0.8055
37.9	0.9745	0.9557	0.9463	0.9758	0.7903
38.0	0.9717	0.9574	0.9666	0.9870	0.8462
38.1	0.9738	0.9615	0.9733	0.9780	0.8557
38.2	0.9760	0.9553	0.9758	0.9771	0.8681
38.4	0.9852	0.9500	0.9680	0.9632	0.8774
38.5	0.9802	0.9599	0.9768	0.9738	0.9132
38.6	0.9766	0.9557	0.9618	0.9885	0.9289
38.8	0.9775	0.9439	0.9547	0.9820	0.9350
38.9	0.9752	0.9333	0.9727	0.9711	0.8992
39.0	0.9757	0.9337	0.9741	0.9545	0.8920
39.1	0.9572	0.9168	0.9697	0.9447	0.9114
39.2	0.9526	0.9184	0.9665	0.9514	0.8435
39.4	0.9615	0.9361	0.9727	0.9606	0.8711
39.5	0.9569	0.9420	0.9710	0.9725	0.8482
39.6	0.9580	0.9366	0.9666	0.9663	0.8542
39.8	0.9681	0.9277	0.9661	0.9663	0.8587
39.9	0.9787	0.9076	0.9481	0.9730	0.9003
40.0	0.9762	0.9225	0.9576	0.9723	0.8539
40.1	0.9701	0.9264	0.9603	0.9741	0.8543
40.2	0.9620	0.9150	0.9659	0.9658	0.7810
40.4	0.9598	0.9234	0.9863	0.9634	0.8279
40.5	0.9678	0.9314	0.9697	0.9762	0.8575
40.6	0.9598	0.9319	0.9568	0.9648	0.9059
40.8	0.9494	0.9192	0.9543	0.9660	0.8923
40.9	0.9583	0.9313	0.9503	0.9749	0.8858
41.0	0.9646	0.9327	0.9481	0.9683	0.8874
41.1	0.9691	0.9309	0.9662	0.9586	0.8671
41.2	0.9604	0.9202	0.9609	0.9683	0.8690
41.4	0.9526	0.9125	0.9517	0.9702	0.8923
41.5	0.9657	0.9262	0.9598	0.9446	0.8641
41.6	0.9612	0.9189	0.9620	0.9467	0.8183
41.8	0.9618	0.9358	0.9550	0.9740	0.7984
41.9	0.9616	0.9279	0.9637	0.9751	0.8016
42.0	0.9553	0.9255	0.9575	0.9553	0.8531
42.1	0.9574	0.9120	0.9536	0.9550	0.8326
42.2	0.9655	0.8929	0.9526	0.9488	0.8744

42.4	0.9602	0.8984	0.9308	0.9554	0.8630
42.5	0.9353	0.9045	0.9450	0.9713	0.8479
42.6	0.9322	0.9154	0.9283	0.9840	0.8996
42.8	0.9536	0.9110	0.9059	0.9824	0.9317
42.9	0.9635	0.9165	0.9052	0.9764	0.9022
43.0	0.9732	0.9025	0.9207	0.9719	0.8607
43.1	0.9599	0.9001	0.9264	0.9660	0.9154
43.2	0.9582	0.9008	0.9350	0.9673	0.9530
43.4	0.9667	0.8929	0.9288	0.9771	0.9259
43.5	0.9458	0.9030	0.9130	0.9759	0.9320
43.6	0.9446	0.9136	0.9223	0.9859	0.9228
43.8	0.9451	0.9147	0.9282	0.9837	0.9337
43.9	0.9565	0.9083	0.9314	0.9621	0.9493
44.0	0.9536	0.8949	0.9332	0.9593	0.9269
44.1	0.9597	0.8990	0.9444	0.9421	0.9316
44.2	0.9718	0.9288	0.9162	0.9466	0.9240
44.4	0.9645	0.9284	0.9047	0.9444	0.9277
44.5	0.9548	0.9285	0.9316	0.9346	0.9258
44.6	0.9523	0.9237	0.9201	0.9344	0.9151
44.8	0.9645	0.9092	0.9292	0.9513	0.9444
44.9	0.9567	0.9247	0.9430	0.9558	0.9485
45.0	0.9419	0.9221	0.9122	0.9574	0.9593
45.1	0.9466	0.9338	0.9252	0.9434	0.9316
45.2	0.9479	0.9309	0.9323	0.9481	0.9226
45.4	0.9459	0.9184	0.9372	0.9202	0.9177
45.5	0.9479	0.9177	0.9040	0.9152	0.9091
45.6	0.9337	0.9074	0.8975	0.9125	0.9344
45.8	0.9390	0.9007	0.8787	0.9460	0.9468
45.9	0.9315	0.8841	0.8839	0.9546	0.9497
46.0	0.9281	0.8990	0.8979	0.9397	0.9388
46.1	0.9122	0.8975	0.9275	0.9427	0.9685
46.2	0.9321	0.8850	0.8934	0.9462	0.9732
46.4	0.9599	0.8652	0.8402	0.9382	0.9646
46.5	0.9577	0.8910	0.7493	0.9392	0.9576
46.6	0.9265	0.9156	0.7271	0.9273	0.9529
46.8	0.9077	0.9213	0.7348	0.9192	0.9491
46.9	0.8862	0.8932	0.8079	0.9547	0.9556
47.0	0.8965	0.8695	0.8162	0.9565	0.9406
47.1	0.8532	0.8880	0.7937	0.9574	0.9507
47.2	0.8526	0.9082	0.7880	0.9188	0.9502
47.4	0.9024	0.9294	0.8340	0.8915	0.9527
47.5	0.9266	0.9141	0.8382	0.9310	0.9575
47.6	0.9319	0.9141	0.8016	0.9100	0.9505
47.8	0.9052	0.9120	0.7779	0.9034	0.9573
47.9	0.8543	0.9251	0.7508	0.9103	0.9627
48.0	0.8617	0.9337	0.7489	0.9313	0.9642
48.1	0.9175	0.9130	0.7531	0.9300	0.9496
48.2	0.9124	0.9029	0.7949	0.9191	0.9510
48.4	0.9286	0.8841	0.8228	0.9316	0.9516
48.5	0.9382	0.9070	0.8118	0.9274	0.9769
48.6	0.9072	0.8915	0.8258	0.9127	0.9710
48.8	0.9306	0.8956	0.8583	0.8997	0.9632
48.9	0.9261	0.8794	0.8907	0.8621	0.9599
49.0	0.9007	0.8909	0.8738	0.8172	0.9436
49.1	0.8946	0.8918	0.8261	0.7957	0.9519
49.2	0.9234	0.8953	0.8187	0.8641	0.9524
49.4	0.9461	0.8837	0.8317	0.8645	0.9618
49.5	0.9120	0.8720	0.9296	0.8768	0.9519
49.6	0.9283	0.8555	0.9263	0.7741	0.9500
49.8	0.9120	0.8360	0.9131	0.7756	0.9475
49.9	0.9075	0.8204	0.9232	0.8130	0.9503
50.0	0.9369	0.8317	0.9010	0.8038	0.9317
50.1	0.9196	0.8303	0.9008	0.8292	0.9442
50.2	0.9291	0.8397	0.8973	0.8412	0.9732
50.4	0.9425	0.8674	0.9173	0.8457	0.9475
50.5	0.9447	0.8173	0.9204	0.7971	0.9467
50.6	0.9477	0.8263	0.9046	0.8318	0.9376
50.8	0.9653	0.8305	0.9224	0.8812	0.9342
50.9	0.9601	0.8288	0.9262	0.9030	0.9549
51.0	0.9711	0.8201	0.9455	0.8696	0.9500
51.1	0.9815	0.7947	0.9425	0.8584	0.9382
51.2	0.9691	0.7767	0.9492	0.8881	0.9582
51.4	0.9764	0.8180	0.9539	0.8224	0.9500
51.5	0.9722	0.8357	0.9541	0.8253	0.9478
51.6	0.9656	0.8172	0.9674	0.8627	0.9431
51.8	0.9688	0.8033	0.9660	0.8533	0.9593
51.9	0.9645	0.8527	0.9572	0.8292	0.9442
52.0	0.9750	0.8608	0.9519	0.8671	0.9451
52.1	0.9729	0.7917	0.9407	0.8971	0.9595
52.2	0.9722	0.7588	0.9485	0.8987	0.9555
52.4	0.9791	0.8229	0.9678	0.8873	0.9659
52.5	0.9778	0.8632	0.9827	0.9045	0.9740
52.6	0.9833	0.8493	0.9836	0.9287	0.9539
52.8	0.9844	0.8500	0.9842	0.9287	0.9530
52.9	0.9886	0.8708	0.9882	0.9381	0.9694
53.0	0.9787	0.8950	0.9897	0.9514	0.9567

53.1	0.9760	0.8527	0.9883	0.9615	0.9646
53.2	0.9785	0.8542	0.9875	0.9268	0.9633
53.4	0.9759	0.8428	0.9793	0.9461	0.9582
53.5	0.9838	0.8580	0.9816	0.9444	0.9566
53.6	0.9851	0.8661	0.9788	0.9572	0.9626
53.8	0.9885	0.8586	0.9756	0.9470	0.9628
53.9	0.9867	0.8439	0.9757	0.9300	0.9376
54.0	0.9842	0.8665	0.9759	0.9379	0.9578
54.1	0.9860	0.8829	0.9755	0.9541	0.9654
54.2	0.9851	0.8892	0.9799	0.9494	0.9556
54.4	0.9851	0.8792	0.9829	0.9575	0.9631
54.5	0.9831	0.9092	0.9871	0.9521	0.9565
54.6	0.9835	0.9212	0.9832	0.9412	0.9565
54.8	0.9837	0.9086	0.9678	0.9353	0.9536
54.9	0.9830	0.9098	0.9645	0.9414	0.9657
55.0	0.9808	0.9120	0.9700	0.9228	0.9656
55.1	0.9803	0.8601	0.9776	0.9110	0.9577
55.2	0.9825	0.8602	0.9770	0.9546	0.9698
55.4	0.9826	0.8915	0.9596	0.9597	0.9848
55.5	0.9781	0.9105	0.9601	0.9571	0.9847
55.6	0.9836	0.9095	0.9573	0.9486	0.9809
55.8	0.9767	0.9163	0.9630	0.9421	0.9741
55.9	0.9828	0.9025	0.9732	0.9480	0.9774
56.0	0.9781	0.9106	0.9650	0.9580	0.9722
56.1	0.9621	0.9125	0.9705	0.9597	0.9752
56.2	0.9533	0.9116	0.9637	0.9558	0.9642
56.4	0.9514	0.8707	0.9588	0.9718	0.9730
56.5	0.9549	0.8722	0.9572	0.9745	0.9820
56.6	0.9621	0.8883	0.9535	0.9768	0.9825
56.8	0.9692	0.8900	0.9637	0.9781	0.9792
56.9	0.9711	0.8949	0.9546	0.9640	0.9787
57.0	0.9626	0.9243	0.9438	0.9693	0.9689
57.1	0.9771	0.9363	0.9475	0.9697	0.9723
57.2	0.9641	0.9404	0.9581	0.9633	0.9696
57.4	0.9515	0.9448	0.9691	0.9715	0.9716
57.5	0.9647	0.9392	0.9683	0.9752	0.9740
57.6	0.9680	0.9328	0.9517	0.9757	0.9808
57.8	0.9749	0.9162	0.9536	0.9656	0.9780
57.9	0.9623	0.9158	0.9654	0.9773	0.9567
58.0	0.9712	0.9185	0.9643	0.9718	0.9556
58.1	0.9643	0.9358	0.9758	0.9649	0.9631
58.2	0.9624	0.9534	0.9798	0.9813	0.9710
58.4	0.9711	0.9551	0.9782	0.9812	0.9769
58.5	0.9789	0.9486	0.9754	0.9824	0.9718
58.6	0.9779	0.9575	0.9739	0.9886	0.9663
58.8	0.9780	0.9660	0.9850	0.9873	0.9645
58.9	0.9828	0.9574	0.9823	0.9879	0.9651
59.0	0.9800	0.9510	0.9831	0.9830	0.9669
59.1	0.9814	0.9657	0.9874	0.9856	0.9722
59.2	0.9867	0.9717	0.9912	0.9828	0.9629
59.4	0.9876	0.9723	0.9928	0.9902	0.9517
59.5	0.9879	0.9734	0.9931	0.9908	0.9505
59.6	0.9875	0.9725	0.9925	0.9913	0.9505
59.8	0.9894	0.9622	0.9898	0.9922	0.9625
59.9	0.9933	0.9686	0.9895	0.9925	0.9732
60.0	0.9913	0.9724	0.9879	0.9930	0.9727
60.1	0.9906	0.9771	0.9911	0.9898	0.9650
60.2	0.9933	0.9791	0.9942	0.9929	0.9634
60.4	0.9942	0.9801	0.9955	0.9954	0.9705
60.5	0.9935	0.9846	0.9953	0.9952	0.9624
60.6	0.9932	0.9838	0.9948	0.9957	0.9609
60.8	0.9957	0.9842	0.9954	0.9971	0.9614
60.9	0.9967	0.9831	0.9949	0.9967	0.9570
61.0	0.9985	0.9859	0.9961	0.9972	0.9557
61.1	0.9974	0.9851	0.9952	0.9979	0.9495
61.2	0.9961	0.9840	0.9956	0.9985	0.9473
61.4	0.9973	0.9866	0.9975	0.9992	0.9542
61.5	0.9973	0.9905	0.9968	0.9984	0.9461
61.6	0.9971	0.9927	0.9959	0.9963	0.9398
61.8	0.9966	0.9943	0.9954	0.9959	0.9543
61.9	0.9967	0.9933	0.9948	0.9975	0.9586
62.0	0.9976	0.9944	0.9964	0.9982	0.9350
62.1	0.9965	0.9958	0.9964	0.9982	0.9498
62.2	0.9958	0.9955	0.9964	0.9984	0.9493
62.4	0.9951	0.9947	0.9983	0.9987	0.9432
62.5	0.9938	0.9949	0.9988	0.9986	0.9435
62.6	0.9930	0.9946	0.9979	0.9976	0.9434
62.8	0.9916	0.9955	0.9978	0.9985	0.9497
62.9	0.9903	0.9956	0.9978	0.9981	0.9498
63.0	0.9920	0.9954	0.9944	0.9979	0.9496
63.1	0.9932	0.9951	0.9942	0.9977	0.9505
63.2	0.9951	0.9953	0.9971	0.9973	0.9598
63.4	0.9943	0.9960	0.9962	0.9977	0.9675
63.5	0.9963	0.9963	0.9961	0.9975	0.9601
63.6	0.9966	0.9960	0.9964	0.9970	0.9699
63.8	0.9966	0.9966	0.9960	0.9976	0.9766

63.9	0.9978	0.9962	0.9970	0.9977	0.9737
64.0	0.9975	0.9966	0.9964	0.9980	0.9752
64.1	0.9978	0.9967	0.9961	0.9976	0.9750
64.2	0.9980	0.9965	0.9976	0.9975	0.9649
64.4	0.9983	0.9966	0.9979	0.9981	0.9596
64.5	0.9986	0.9967	0.9980	0.9983	0.9661
64.6	0.9984	0.9965	0.9979	0.9981	0.9677
64.8	0.9984	0.9969	0.9975	0.9984	0.9704
64.9	0.9988	0.9966	0.9978	0.9983	0.9759
65.0	0.9990	0.9961	0.9976	0.9985	0.9791
65.1	0.9988	0.9959	0.9986	0.9982	0.9786
65.2	0.9989	0.9957	0.9986	0.9980	0.9836
65.4	0.9987	0.9955	0.9984	0.9986	0.9744
65.5	0.9989	0.9957	0.9987	0.9977	0.9751
65.6	0.9993	0.9951	0.9985	0.9983	0.9789
65.8	0.9990	0.9954	0.9983	0.9975	0.9781
65.9	0.9992	0.9946	0.9983	0.9977	0.9812
66.0	0.9992	0.9945	0.9983	0.9982	0.9787
66.1	0.9992	0.9948	0.9982	0.9984	0.9749
66.2	0.9993	0.9948	0.9986	0.9986	0.9757
66.4	0.9992	0.9939	0.9989	0.9972	0.9765
66.5	0.9991	0.9943	0.9987	0.9967	0.9716
66.6	0.9990	0.9946	0.9985	0.9964	0.9780
66.8	0.9991	0.9949	0.9986	0.9969	0.9729
66.9	0.9992	0.9955	0.9983	0.9972	0.9696
67.0	0.9993	0.9958	0.9984	0.9979	0.9725
67.1	0.9992	0.9958	0.9984	0.9982	0.9742
67.2	0.9991	0.9956	0.9985	0.9982	0.9670
67.4	0.9991	0.9957	0.9987	0.9984	0.9705
67.5	0.9991	0.9962	0.9987	0.9980	0.9737
67.6	0.9994	0.9966	0.9987	0.9976	0.9724
67.8	0.9992	0.9961	0.9987	0.9975	0.9740
67.9	0.9992	0.9959	0.9985	0.9972	0.9776
68.0	0.9991	0.9961	0.9980	0.9964	0.9747
68.1	0.9993	0.9966	0.9981	0.9971	0.9726
68.2	0.9992	0.9969	0.9984	0.9969	0.9792
68.4	0.9991	0.9975	0.9985	0.9977	0.9754
68.5	0.9993	0.9969	0.9986	0.9974	0.9796
68.6	0.9994	0.9968	0.9983	0.9967	0.9760
68.8	0.9994	0.9974	0.9985	0.9967	0.9708
68.9	0.9994	0.9978	0.9986	0.9960	0.9646
69.0	0.9992	0.9974	0.9990	0.9960	0.9662
69.1	0.9992	0.9973	0.9991	0.9971	0.9637
69.2	0.9992	0.9977	0.9992	0.9974	0.9629
69.4	0.9993	0.9982	0.9989	0.9978	0.9616
69.5	0.9987	0.9984	0.9983	0.9978	0.9650
69.6	0.9988	0.9988	0.9986	0.9980	0.9624
69.8	0.9991	0.9981	0.9988	0.9977	0.9646
69.9	0.9989	0.9980	0.9987	0.9978	0.9725
70.0	0.9989	0.9978	0.9987	0.9980	0.9689
70.1	0.9990	0.9981	0.9990	0.9970	0.9705
70.2	0.9988	0.9977	0.9990	0.9974	0.9674
70.4	0.9988	0.9978	0.9988	0.9979	0.9727
70.5	0.9986	0.9983	0.9987	0.9983	0.9779
70.6	0.9984	0.9984	0.9985	0.9987	0.9771
70.8	0.9985	0.9983	0.9984	0.9981	0.9733
70.9	0.9990	0.9981	0.9981	0.9973	0.9719
71.0	0.9985	0.9982	0.9984	0.9970	0.9717
71.1	0.9984	0.9987	0.9985	0.9966	0.9717
71.2	0.9986	0.9984	0.9980	0.9974	0.9673
71.4	0.9986	0.9981	0.9977	0.9974	0.9719
71.5	0.9982	0.9973	0.9975	0.9980	0.9730
71.6	0.9978	0.9968	0.9976	0.9969	0.9761
71.8	0.9976	0.9973	0.9980	0.9968	0.9776
71.9	0.9973	0.9976	0.9983	0.9979	0.9741
72.0	0.9973	0.9969	0.9983	0.9981	0.9716
72.1	0.9975	0.9964	0.9981	0.9986	0.9788
72.2	0.9973	0.9962	0.9975	0.9982	0.9810
72.4	0.9970	0.9961	0.9973	0.9972	0.9775
72.5	0.9965	0.9959	0.9970	0.9976	0.9783
72.6	0.9977	0.9960	0.9973	0.9985	0.9792
72.8	0.9982	0.9961	0.9965	0.9985	0.9755
72.9	0.9983	0.9968	0.9981	0.9981	0.9781
73.0	0.9985	0.9971	0.9988	0.9970	0.9819
73.1	0.9985	0.9968	0.9982	0.9982	0.9819
73.2	0.9983	0.9962	0.9977	0.9978	0.9810
73.4	0.9983	0.9958	0.9982	0.9977	0.9809
73.5	0.9985	0.9968	0.9981	0.9980	0.9828
73.6	0.9988	0.9965	0.9977	0.9975	0.9872
73.8	0.9982	0.9958	0.9984	0.9975	0.9850
73.9	0.9982	0.9947	0.9976	0.9969	0.9827
74.0	0.9976	0.9940	0.9982	0.9982	0.9826
74.1	0.9976	0.9948	0.9973	0.9976	0.9804
74.2	0.9982	0.9957	0.9980	0.9977	0.9815
74.4	0.9980	0.9956	0.9978	0.9981	0.9823
74.5	0.9979	0.9958	0.9981	0.9974	0.9837

74.6	0.9986	0.9958	0.9977	0.9983	0.9835
74.8	0.9981	0.9959	0.9978	0.9984	0.9837
74.9	0.9982	0.9955	0.9971	0.9975	0.9846
75.0	0.9976	0.9949	0.9965	0.9965	0.9837
75.1	0.9975	0.9954	0.9969	0.9959	0.9813
75.2	0.9980	0.9951	0.9972	0.9961	0.9797
75.4	0.9988	0.9946	0.9970	0.9966	0.9802
75.5	0.9982	0.9960	0.9970	0.9962	0.9821
75.6	0.9985	0.9961	0.9970	0.9968	0.9822
75.8	0.9983	0.9955	0.9970	0.9975	0.9812
75.9	0.9980	0.9947	0.9980	0.9974	0.9800
76.0	0.9983	0.9948	0.9973	0.9981	0.9793
76.1	0.9982	0.9938	0.9974	0.9975	0.9781
76.2	0.9987	0.9931	0.9977	0.9969	0.9789
76.4	0.9986	0.9944	0.9980	0.9958	0.9770
76.5	0.9982	0.9956	0.9974	0.9956	0.9782
76.6	0.9992	0.9948	0.9975	0.9965	0.9818
76.8	0.9991	0.9952	0.9968	0.9954	0.9858
76.9	0.9988	0.9955	0.9961	0.9966	0.9825
77.0	0.9985	0.9950	0.9963	0.9972	0.9767
77.1	0.9987	0.9952	0.9975	0.9974	0.9746
77.2	0.9984	0.9956	0.9979	0.9956	0.9767
77.4	0.9984	0.9953	0.9965	0.9946	0.9798
77.5	0.9991	0.9947	0.9947	0.9959	0.9791
77.6	0.9987	0.9948	0.9967	0.9966	0.9777
77.8	0.9984	0.9955	0.9959	0.9967	0.9768
77.9	0.9986	0.9958	0.9960	0.9971	0.9746
78.0	0.9988	0.9951	0.9965	0.9968	0.9713
78.1	0.9989	0.9955	0.9964	0.9964	0.9734
78.2	0.9990	0.9948	0.9970	0.9963	0.9757
78.4	0.9985	0.9959	0.9964	0.9951	0.9727
78.5	0.9987	0.9955	0.9969	0.9922	0.9667
78.6	0.9989	0.9947	0.9957	0.9940	0.9632
78.8	0.9988	0.9942	0.9956	0.9957	0.9653
78.9	0.9980	0.9949	0.9961	0.9968	0.9648
79.0	0.9982	0.9946	0.9980	0.9969	0.9678
79.1	0.9974	0.9932	0.9971	0.9941	0.9677
79.2	0.9968	0.9941	0.9953	0.9944	0.9684
79.4	0.9973	0.9943	0.9957	0.9963	0.9646
79.5	0.9968	0.9945	0.9958	0.9966	0.9626
79.6	0.9960	0.9945	0.9957	0.9964	0.9608
79.8	0.9963	0.9944	0.9972	0.9975	0.9559
79.9	0.9963	0.9945	0.9981	0.9952	0.9535
80.0	0.9970	0.9960	0.9967	0.9943	0.9555
80.1	0.9971	0.9955	0.9954	0.9949	0.9554
80.2	0.9967	0.9942	0.9954	0.9947	0.9517
80.4	0.9970	0.9927	0.9971	0.9962	0.9424
80.5	0.9964	0.9919	0.9976	0.9956	0.9445
80.6	0.9960	0.9919	0.9970	0.9948	0.9418
80.8	0.9967	0.9938	0.9948	0.9942	0.9445
80.9	0.9968	0.9957	0.9913	0.9955	0.9481
81.0	0.9979	0.9965	0.9911	0.9962	0.9554
81.1	0.9974	0.9965	0.9934	0.9946	0.9640
81.2	0.9964	0.9955	0.9942	0.9938	0.9782
81.4	0.9957	0.9938	0.9961	0.9937	0.9820
81.5	0.9963	0.9930	0.9953	0.9949	0.9743
81.6	0.9963	0.9929	0.9935	0.9920	0.9614
81.8	0.9964	0.9934	0.9940	0.9939	0.9567
81.9	0.9958	0.9943	0.9948	0.9956	0.9626
82.0	0.9954	0.9925	0.9952	0.9948	0.9710
82.1	0.9961	0.9905	0.9948	0.9956	0.9764
82.2	0.9964	0.9918	0.9923	0.9953	0.9791
82.4	0.9967	0.9926	0.9943	0.9965	0.9736
82.5	0.9958	0.9916	0.9972	0.9962	0.9743
82.6	0.9953	0.9917	0.9959	0.9957	0.9779
82.8	0.9950	0.9908	0.9952	0.9960	0.9766
82.9	0.9952	0.9889	0.9950	0.9958	0.9783
83.0	0.9954	0.9912	0.9978	0.9941	0.9744
83.1	0.9952	0.9920	0.9975	0.9947	0.9782
83.2	0.9941	0.9930	0.9968	0.9969	0.9772
83.4	0.9943	0.9921	0.9962	0.9956	0.9798
83.5	0.9944	0.9900	0.9971	0.9944	0.9787
83.6	0.9942	0.9904	0.9969	0.9929	0.9776
83.8	0.9954	0.9903	0.9972	0.9922	0.9765
83.9	0.9953	0.9897	0.9967	0.9920	0.9777
84.0	0.9956	0.9904	0.9952	0.9936	0.9764
84.1	0.9957	0.9896	0.9944	0.9939	0.9765
84.2	0.9960	0.9924	0.9962	0.9922	0.9733
84.4	0.9971	0.9943	0.9962	0.9935	0.9728
84.5	0.9971	0.9932	0.9976	0.9957	0.9726
84.6	0.9964	0.9927	0.9982	0.9965	0.9784
84.8	0.9962	0.9917	0.9970	0.9976	0.9812
84.9	0.9960	0.9936	0.9955	0.9968	0.9789
85.0	0.9960	0.9929	0.9938	0.9959	0.9762
85.1	0.9957	0.9930	0.9953	0.9956	0.9759
85.2	0.9958	0.9924	0.9948	0.9957	0.9723

85.4	0.9951	0.9924	0.9956	0.9940	0.9748
85.5	0.9953	0.9939	0.9962	0.9923	0.9806
85.6	0.9965	0.9949	0.9958	0.9927	0.9705
85.8	0.9969	0.9941	0.9952	0.9967	0.9692
85.9	0.9974	0.9926	0.9954	0.9957	0.9745
86.0	0.9969	0.9914	0.9944	0.9948	0.9748
86.1	0.9968	0.9914	0.9927	0.9943	0.9735
86.2	0.9957	0.9906	0.9947	0.9939	0.9657
86.4	0.9950	0.9919	0.9963	0.9937	0.9706
86.5	0.9965	0.9940	0.9966	0.9935	0.9696
86.6	0.9968	0.9921	0.9967	0.9922	0.9717
86.8	0.9972	0.9927	0.9947	0.9951	0.9678
86.9	0.9969	0.9931	0.9940	0.9966	0.9741
87.0	0.9974	0.9912	0.9951	0.9962	0.9767
87.1	0.9974	0.9909	0.9960	0.9968	0.9739
87.2	0.9965	0.9910	0.9945	0.9975	0.9741
87.4	0.9968	0.9924	0.9956	0.9974	0.9704
87.5	0.9977	0.9936	0.9963	0.9967	0.9696
87.6	0.9972	0.9932	0.9940	0.9959	0.9698
87.8	0.9974	0.9924	0.9946	0.9960	0.9721
87.9	0.9972	0.9907	0.9956	0.9956	0.9727
88.0	0.9974	0.9921	0.9958	0.9951	0.9790
88.1	0.9976	0.9943	0.9964	0.9938	0.9800
88.2	0.9974	0.9937	0.9954	0.9941	0.9791
88.4	0.9978	0.9933	0.9966	0.9931	0.9794
88.5	0.9975	0.9916	0.9955	0.9911	0.9793
88.6	0.9970	0.9912	0.9941	0.9936	0.9802
88.8	0.9970	0.9910	0.9932	0.9934	0.9768
88.9	0.9953	0.9918	0.9965	0.9931	0.9731
89.0	0.9963	0.9921	0.9971	0.9925	0.9730
89.1	0.9970	0.9903	0.9970	0.9946	0.9765
89.2	0.9970	0.9912	0.9974	0.9943	0.9802
89.4	0.9971	0.9893	0.9963	0.9942	0.9828
89.5	0.9975	0.9887	0.9957	0.9956	0.9820
89.6	0.9978	0.9873	0.9961	0.9958	0.9817
89.8	0.9967	0.9892	0.9950	0.9946	0.9824
89.9	0.9969	0.9886	0.9940	0.9897	0.9809
90.0	0.9950	0.9879	0.9928	0.9911	0.9836
90.1	0.9937	0.9891	0.9955	0.9915	0.9856
90.2	0.9928	0.9894	0.9968	0.9914	0.9842
90.4	0.9946	0.9870	0.9959	0.9939	0.9814
90.5	0.9953	0.9869	0.9924	0.9936	0.9864
90.6	0.9960	0.9872	0.9933	0.9918	0.9873
90.8	0.9965	0.9889	0.9928	0.9938	0.9879
90.9	0.9961	0.9909	0.9928	0.9918	0.9883
91.0	0.9964	0.9908	0.9924	0.9912	0.9873
91.1	0.9968	0.9889	0.9930	0.9926	0.9874
91.2	0.9956	0.9899	0.9928	0.9900	0.9883
91.4	0.9955	0.9882	0.9915	0.9906	0.9871
91.5	0.9955	0.9861	0.9929	0.9895	0.9851
91.6	0.9954	0.9857	0.9912	0.9916	0.9859
91.8	0.9953	0.9864	0.9939	0.9927	0.9872
91.9	0.9959	0.9887	0.9926	0.9918	0.9871
92.0	0.9951	0.9876	0.9950	0.9928	0.9890
92.1	0.9935	0.9866	0.9953	0.9912	0.9889
92.2	0.9935	0.9849	0.9948	0.9929	0.9875
92.4	0.9962	0.9867	0.9960	0.9916	0.9877
92.5	0.9967	0.9881	0.9921	0.9907	0.9881
92.6	0.9958	0.9876	0.9893	0.9903	0.9884
92.8	0.9955	0.9886	0.9915	0.9937	0.9868
92.9	0.9945	0.9857	0.9919	0.9922	0.9873
93.0	0.9943	0.9824	0.9929	0.9909	0.9885
93.1	0.9949	0.9834	0.9951	0.9911	0.9884
93.2	0.9946	0.9846	0.9933	0.9916	0.9877
93.4	0.9954	0.9815	0.9919	0.9894	0.9879
93.5	0.9965	0.9822	0.9895	0.9845	0.9877
93.6	0.9949	0.9873	0.9882	0.9887	0.9848
93.8	0.9941	0.9908	0.9865	0.9917	0.9809
93.9	0.9941	0.9909	0.9905	0.9940	0.9837
94.0	0.9927	0.9923	0.9914	0.9959	0.9867
94.1	0.9931	0.9911	0.9929	0.9903	0.9882
94.2	0.9935	0.9909	0.9899	0.9928	0.9869
94.4	0.9906	0.9934	0.9933	0.9947	0.9893
94.5	0.9878	0.9923	0.9925	0.9929	0.9898
94.6	0.9874	0.9922	0.9888	0.9922	0.9890
94.8	0.9917	0.9914	0.9833	0.9914	0.9887
94.9	0.9869	0.9919	0.9791	0.9931	0.9883
95.0	0.9888	0.9900	0.9913	0.9911	0.9877
95.1	0.9888	0.9904	0.9946	0.9926	0.9890
95.2	0.9860	0.9899	0.9923	0.9907	0.9900
95.4	0.9888	0.9892	0.9915	0.9919	0.9894
95.5	0.9893	0.9864	0.9942	0.9940	0.9879
95.6	0.9938	0.9900	0.9932	0.9931	0.9867
95.8	0.9948	0.9841	0.9923	0.9903	0.9873
95.9	0.9943	0.9810	0.9942	0.9897	0.9888
96.0	0.9946	0.9777	0.9949	0.9927	0.9891

96.1	0.9952	0.9684	0.9951	0.9916	0.9883
96.2	0.9950	0.9514	0.9960	0.9870	0.9869
96.4	0.9950	0.9337	0.9961	0.9920	0.9860
96.5	0.9943	0.9711	0.9965	0.9953	0.9849
96.6	0.9956	0.9855	0.9971	0.9938	0.9848
96.8	0.9962	0.9900	0.9961	0.9946	0.9852
96.9	0.9952	0.9909	0.9949	0.9944	0.9863
97.0	0.9939	0.9907	0.9957	0.9948	0.9877
97.1	0.9938	0.9905	0.9959	0.9944	0.9883
97.2	0.9941	0.9897	0.9971	0.9953	0.9880
97.4	0.9932	0.9895	0.9952	0.9925	0.9879
97.5	0.9933	0.9893	0.9928	0.9919	0.9879
97.6	0.9938	0.9893	0.9921	0.9923	0.9878
97.8	0.9941	0.9918	0.9922	0.9936	0.9876
97.9	0.9948	0.9909	0.9935	0.9954	0.9878
98.0	0.9944	0.9895	0.9937	0.9946	0.9878
98.1	0.9955	0.9878	0.9934	0.9926	0.9874
98.2	0.9968	0.9870	0.9938	0.9925	0.9874
98.4	0.9961	0.9895	0.9956	0.9943	0.9870
98.5	0.9968	0.9917	0.9952	0.9941	0.9867
98.6	0.9964	0.9947	0.9937	0.9954	0.9866
98.8	0.9962	0.9929	0.9928	0.9955	0.9865
98.9	0.9969	0.9897	0.9956	0.9928	0.9862
99.0	0.9967	0.9899	0.9951	0.9920	0.9862
99.1	0.9966	0.9862	0.9953	0.9921	0.9854
99.2	0.9947	0.9895	0.9951	0.9930	0.9864
99.4	0.9928	0.9875	0.9961	0.9941	0.9866
99.5	0.9939	0.9857	0.9957	0.9931	0.9865
99.6	0.9947	0.9839	0.9926	0.9951	0.9866
99.8	0.9950	0.9844	0.9927	0.9924	0.9864
99.9	0.9961	0.9898	0.9928	0.9943	0.9860
100.0	0.9971	0.9892	0.9926	0.9952	0.9857